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UC-32, UC-80  
Reporting Date: July 1974  
Issued: October 1974

0.3

PENDF: A Library of Nuclear Data for  
Monte Carlo Calculations Derived from  
Data in the ENDF/B Format



by

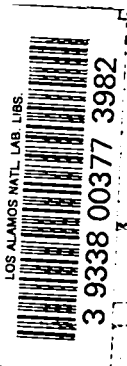
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Printed in the United States of America. Available from  
National Technical Information Service  
U. S. Department of Commerce  
5285 Port Royal Road  
Springfield, Virginia 22151  
Price: Printed Copy \$7.60 Microfiche \$2.25

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PENDF: A LIBRARY OF NUCLEAR DATA FOR MONTE CARLO  
CALCULATIONS DERIVED FROM DATA IN THE ENDF/B FORMAT

by

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ABSTRACT

A specialized pointwise evaluated nuclear data library in a format suited for input to continuous energy Monte Carlo codes has been developed from the ENDF/B at the Los Alamos Scientific Laboratory. Prominent features of the data for a particular nuclide are as follows: (1) A complete description of all alterations made to the original ENDF/B data is contained in the file. (2) All resonance parameters are processed into point-wise cross-section data for a specified temperature. (3) The cross-section data for all reactions are placed on a common energy mesh sufficiently dense to allow linear-linear interpolation between points to some specified tolerance. Excess data points are thinned to a specified tolerance. (4) Angular distributions of secondary neutrons are expressed as scattering angle cosine vs probability tabulation in which the angle cosine points are given at equal probability intervals. (5) If the energy distribution of secondary neutrons is expressed as a tabulation of secondary energy vs probability in the original ENDF/B file, the secondary energy points are also recalculated at equal probability intervals as in (4). (6) All gamma-ray production cross sections and gamma-ray spectra are summed and expressed as a single isotropic, nonelastic reaction. The gamma-ray production cross sections are given on the same energy mesh as the other reactions.

I. INTRODUCTION

The Evaluated Nuclear Data File-B (ENDF/B)<sup>1</sup> formats allow nuclear data to be presented in concise, temperature-independent forms which generally cannot be applied directly to computational codes. This report describes the ENDF/B data processing to generate a temperature-dependent "pointwise" ENDF data file (a PENDF file) that can be used by computational codes, such as the Los Alamos Scientific Laboratory (LASL) Monte Carlo codes, which require cross-section data input as a function of energy.

The PENDF data resulting from the processing are output in the ENDF/B format. The data for a particular evaluation of a material, designated by a MAT number, are given in several "files," depicting types of data, designated by MF numbers, and are given for numerous "reactions" or "sections," designated by MT numbers. A very brief description of the organization of the ENDF/B data follows.

A. MF = 1

The first section of this file, MT = 451, contains a wealth of Binary Coded Decimal (BCD) information describing the details of the following evaluation. A complete list of references is usually included, and an index of the data to follow is given.

Other MT numbers are assigned for retrievable numerical data in MF = 1; for example, MT = 452, 455, and 456 are the sections for total, delayed, and prompt values of  $\bar{\nu}$ , or the average number of neutrons per fission, respectively, given as functions of energy. These may be tabulated or listed as coefficients of a polynomial.

B. MF = 2

This file contains parameters for resolved and unresolved resonances, all designated by a single MT number (MT = 151). The data for resolved resonance parameters include lists of resonance energies, spins,

and total, neutron, capture, and fission widths, all of which may be given for several values of  $l$  and  $j$ . The unresolved resonance parameter data include average widths and spacings for many regions.

If resonance parameters are not given in a particular evaluation, as is often the case for the light nuclides, the minimum data required by the ENDF/B format in MF = 2 is the scattering radius  $A$  for the nuclide. This can be approximated<sup>1</sup> by

$$A = [1.23(AWR)^{1/3} + 0.8] \times 10^{-1}$$

(in units of  $10^{-12}$  cm) ,

where AWR is the atomic weight ratio (atomic weight of nuclide divided by weight of neutron) for the nuclide.

A special format is used for File 2 when only the scattering radius is given.

C. MF = 3

The "smooth" cross sections are tabulated as functions of energy for all reactions in this file. Smooth "background" cross sections are given in the resonance regions that are to be added to cross sections calculated from the resonance parameters for some particular temperature. The nuclear reaction's evaluation is designated by the MT number; for example, MT = 1 is the total cross section, MT = 2 is elastic scattering, MT = 3 is total nonelastic, MT = 4 is total inelastic, etc.

D. MF = 4

The data for the angular distributions of the secondary neutrons resulting from a particular reaction are given in this file. These may be expressed as tabulations of normalized probability vs the cosine of the scattering angle, or as the coefficients of a Legendre polynomial fitted to such a tabulated distribution. Also, the data may be expressed in the laboratory or center-of-mass systems, and a transformation matrix to the other system may or may not be given. MT numbers (reactions) which appear in MF = 4 must also appear in MF = 3.

E. MF = 5

The energy distributions (spectra) of the secondary neutrons resulting from particular reactions are given in MF = 5. These can be expressed as combinations of several "laws," designated by LF numbers, which can include tabulated distributions (LF = 1) as well as a number of analytic functions, for

example, a Maxwellian (LF = 9). If an analytic function is used, a dependent parameter in the function, such as a nuclear temperature  $\theta$  may be expressed as a function of incident neutron energy. If a combination of several laws is used to express the energy distribution of a particular reaction's secondary neutrons, the combination is achieved by designating a probability of each law holding as a function of energy. The sum of the probabilities over the laws is equal to one. The MT numbers in MF = 5 represent nuclear reactions and are in one-to-one correspondence with those in MF = 3 and MF = 4.

F. MF = 6

This file has been set aside for including distributions of secondary neutrons that are correlated in energy and angle. When this report was written no data had been placed in this file in any of the ENDF/B evaluations. Also, the format prescribed in Ref. 1 for this file possibly will be revised before the file is ever used.

G. MF = 7

Thermal scattering law data  $[S(\alpha, \beta)]$  are given in this file. Because these data are temperature dependent and are numerous for moderating materials, special ENDF/B tapes containing only thermal data are usually prepared. MF = 7 is included in these tapes with thermal data up to about 3 eV from the other files.

H. MF = 12 - MF = 15

These are gamma-ray production files, which can either be expressed as a multiplicity in File 12 or as a cross section in File 13. The angular distributions of the produced gamma rays are given in File 14, and the gamma-ray spectra are given in File 15. The MT numbers in these files are in correspondence with the MT numbers in the neutron files; that is, they correspond to the gamma-ray producing nuclear reaction. Thus, an MT = 102 in MF = 12 means the multiplicity of photons from capture for that material and the gamma-ray production cross section for capture can be obtained by multiplying numbers in this file and section with those in MF = 3, MT = 102.

I. MF = 23, MF = 27

These are the photon interaction files, which are usually placed on a different ENDF/B tape so that the data for all elements are kept together.

## II. FEATURES OF THE POINTWISE EVALUATED NUCLEAR DATA FILE - PENDF

The Pointwise Evaluated Nuclear Data File (PENDF) is specifically designed as a data base for Monte Carlo codes. For rapid retrieval during Monte Carlo execution, cross sections should be stored on as few energy meshes as possible, for example, a common energy mesh for all reactions for a given nuclide. In addition, no interpolation more sophisticated than linear-linear should be used. In log-log interpolation, three logarithms and one exponentiation may be required to interpolate one cross section, which takes about 100 times longer than linear-linear interpolation on a CDC-6600. Finally, when calculations of cross sections from resonance parameters, phase shifts, etc., become sufficiently time consuming, it is more efficient to calculate point-wise cross sections beforehand and store these for later retrieval during Monte Carlo execution.

Nuclear data other than neutron cross sections can also be optimized for Monte Carlo retrieval. The angular distribution data of secondary neutrons emitted in specific nuclear reactions are best expressed by a list of scattering angle cosines that delimit intervals of equal probability. Similarly, a list of secondary energies delimiting equal probability intervals for the energy distribution of the emitted neutrons is also desirable.

In applying Monte Carlo to perform coupled neutron-gamma-ray transport calculations, the source terms for gamma transport are derived from the neutron flux and gamma-ray production cross sections. Thus, having gamma-ray production cross sections on the same mesh as the neutron cross sections is convenient. Because this source term includes gamma-rays from all nuclear reactions, having the contributions from the various reactions summed is also convenient. Finally, an isotropic representation of the gamma-ray spectra binned in a "standard" neutron and photon group structure is desirable.

To implement all of the foregoing, the following changes are made, by file, in transforming ENDF/B data to PENDF data.

### A. MF = 1

All original BCD information in MT = 451 is retained, but additional information is added, including the processed temperature of PENDF data, the Doppler broadening technique, tolerances set for linearization and thinning, pointwise resonance de-

scription, etc. The data index is corrected to properly describe the PENDF data to follow.

If the data for the average number of neutrons released in total (MT = 452), delayed (MT = 455), and prompt (MT = 456) fission are represented by coefficients of a polynomial, these are transformed into tabulated values [average number of neutrons  $\bar{\nu}$  vs incident energy (E)]. The points in the tabulation are sufficiently dense to allow linear interpolation to within an input specified tolerance. This tolerance is recorded as part of the BCD information given in MT = 451.

All other MT numbers in File 1 of the ENDF/B data are copied without alteration onto the PENDF.

### B. MF = 2

Only the special representation that gives the scattering radius A is used for File 2 in the PENDF. All resonance parameters in the ENDF/B are converted into pointwise data for the specified input temperature and are added to the smooth data of File 3.

### C. MF = 3

All smooth cross-section data in PENDF are supplied on a common energy mesh, which may vary from material to material. Cross sections are tabulated at energies greater than or equal to the threshold for the reaction; superfluous zeros are thus suppressed. The common energy mesh is sufficiently dense to permit linear-linear interpolation for cross sections as functions of energy, accurate to within some input-specified tolerance. This tolerance is recorded in MF = 1, MT = 451. A total cross section is supplied, which is the sum of all partial cross sections. The parametric representations (ENDF/B File 2) are expressed as smooth cross sections (PENDF File 3) at a given temperature. If the ENDF/B data contains unresolved resonance parameters, several tables are given. The information contained therein represents the cross section as a function of energy for particular values of the self-shielding parameter  $\sigma_0$  (expressed in barns per atom). The format used for this data is not a "legal" ENDF/B format, and the energy mesh used in these tabulations includes only points in the unresolved resonance region.

### D. MF = 4

The angular scattering distributions are first thinned (as a function of incident energy) to the input-specified tolerance (recorded in MF = 1, MT =

451) and then expressed as a tabulation of probability as a function of cosine of scattering angle  $\mu$ . The values of  $\mu$  are chosen to delimit intervals of equal probability. The number of  $\mu$  values is specified by the user.

E. MF = 5

This file is copied directly from ENDF/B to PENDF unless the energy distributions for secondary neutrons are expressed in tabular form (LF = 1, where probability is tabulated as a function of energy). In this case, the secondary energy mesh is recalculated at points to delimit intervals of equal probability. As in File 4, the number of energy points for the secondary energy mesh is user specified.

F. MF = 12

All File 12 data on ENDF/B are combined with the appropriate pointwise data in File 3 and are added to File 13. There is no MF = 12 on the PENDF tape.

G. MF = 13

All gamma-ray production cross sections are placed on the basic incident energy mesh used in File 3 and are added together to produce a single reaction. The total gamma-ray production cross section from this reaction is considered to be produced from a nonelastic cross section, and the reaction is thus assigned an MT number equal to three (MT = 3).

H. MF = 14

The produced gamma rays are approximated to be isotropic in the PENDF. The isotropic format specified in Ref. 1 is used for this file.

I. MF = 15

An input energy bin structure for both incident neutron energies and produced gamma-ray energies is used for this file. Furthermore, all reactions are combined to form spectra for the single nonelastic reaction, MT = 3. Estimates of the loss of accuracy by treating the gamma-ray spectra in this manner are given in MF = 1, MT = 451.

Any other information included in the ENDF/B, but not referred to above, is copied directly to the PENDF.

### III. PENDF PROCESSING - THE ETOPL PACKAGE

The processing of the ENDF/B to produce a PENDF is achieved with a system of linked codes which, taken altogether, is called ETOPL - ENDF/B to Point-

wise Library. The flow of data between the codes comprising ETOPL is shown in Fig. 1. Converting ENDF/B resonance parameters to pointwise data can be done either with the MINX<sup>2</sup> code or the PNTETOE code. In either case, the output is kept in a permanent file for subsequent multiple use. The TOFFIL segment prepares a permanent File 4 in the PENDF form after thinning the file. Because these data are not temperature dependent, they need be prepared only once for a specified tolerance. The TOFFIL code is also used in preparing File 5 data in the proper PENDF format. This area of the routine may be bypassed if the ENDF/B tape does not contain materials having MF = 5 data expressed with the LF = 1 option.

Output tapes from TOFFIL, MINX, or PNTETOE are used by the ETOPL code proper, which prepares the final PENDF tape. The main routines of this code are linked together in an overlay structure as shown in Fig. 2.

The PNDFFRP overlay reads the tape output from the other codes and combines these data with the unaltered ENDF/B data. The resulting output is then operated upon by the LUST segment, which Linearizes, Unionizes, Scrutinizes, and Thins the data. An alternate thinning method is available in the KLUST routine, and the SHELDIT routine transfers the  $\sigma_0$  dependent data to the PENDF tape. The final segment in the code, GAMMADD, prepares the gamma-ray production data in the required PENDF format. The details of the ETOPL code links are further discussed below and in the appendixes.

#### A. The Resolved Resonance Region

Two methods are available for producing Doppler (temperature) broadened pointwise cross sections in the resolved resonance region. These are the  $(\psi, \chi)$  method and the kernel-broadening method. The details and a graphical comparison of the two methods are given in Appendix A. The  $(\psi, \chi)$  broadening technique is done with the PNTETOE code, which is a modification of the ETOE<sup>3</sup> code. Only elastic scattering (MT = 2), fission (MT = 18), and capture (MT = 102) are handled by this code, and the output contains only pointwise cross sections for these reactions in the ENDF/B format. The data for a number of nuclides are included on a single tape, however. Thus, as shown in Fig. 1, an ENDF/B tape must also be used as input to the ETOPL code proper to obtain the unaltered ENDF/B data when resonance data is obtained from a PNTETOE tape.

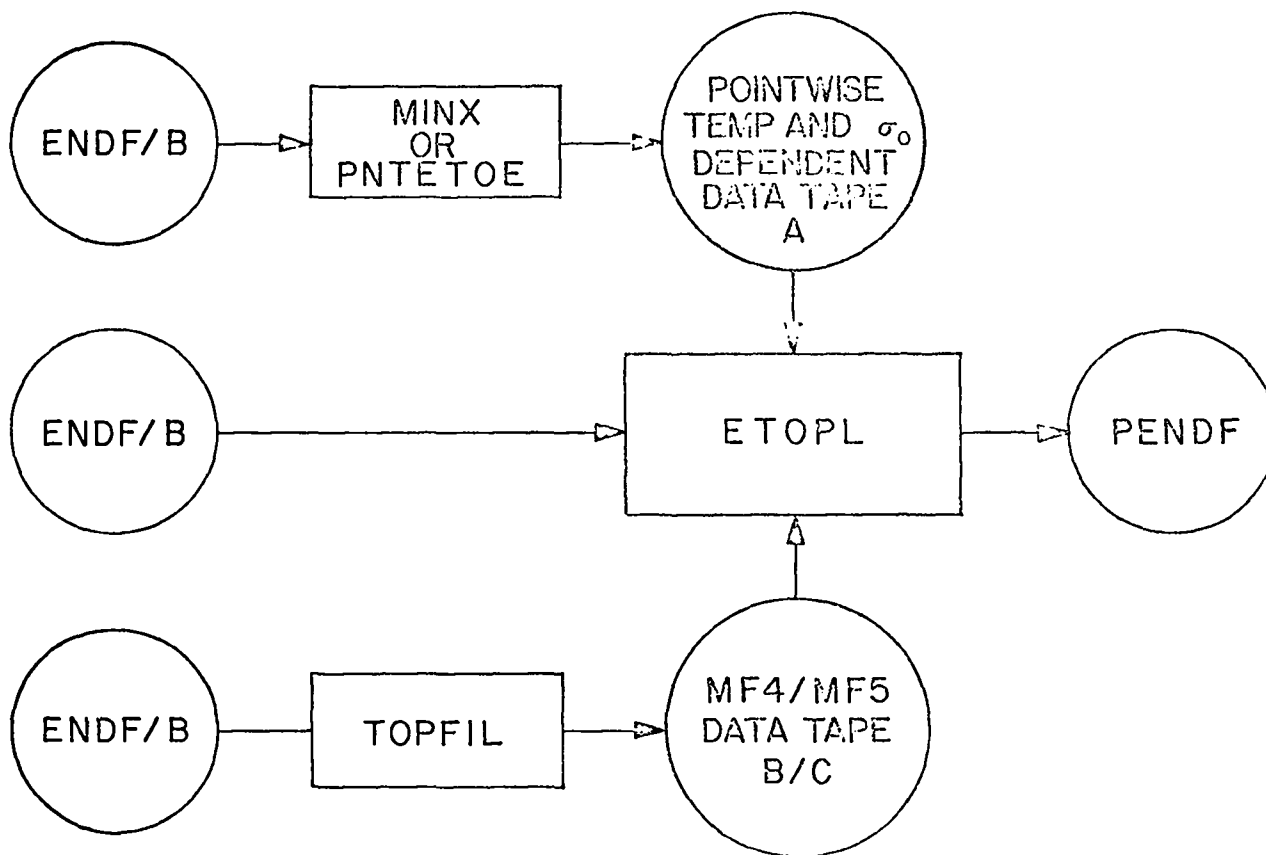


Fig. 1. Flow of data between the codes comprising the ETOPL code system.

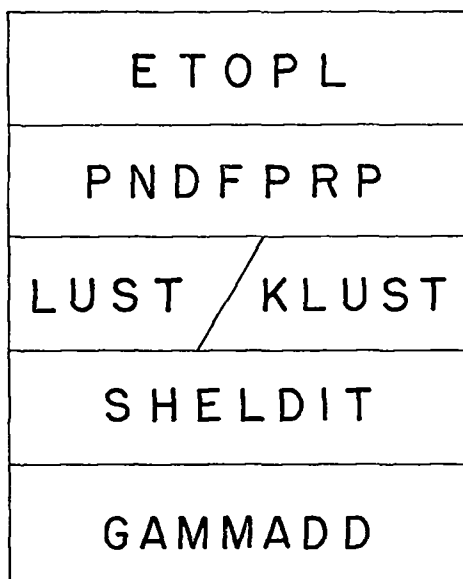


Fig. 2. Main routines of ETOPL code linked together in an overlay structure.

Pointwise data that have been kernel broadened are output by the MINX code. This output consists of a single nuclide at several temperatures. Because each set contains all unaltered data as well as the temperature-broadened data, an additional ENDF/B tape is not needed for ETOPL input. All MF = 3 reactions are broadened on the MINX tape.

#### B. Unresolved Resonance Region

Because only average data is in the "pointwise" representation of the unresolved resonance region, the data must be given for several values of the self-shielding parameter  $\sigma_0$ . The PNTETOE code uses the J-function technique in the "point" calculation of the unresolved resonance region, which is similar to that used in MC<sup>2</sup> (Ref. 4). No sequence overlap correction is provided by this method. MINX uses the subroutines of the ETOX<sup>5</sup> code, which are similar to those in MC<sup>2</sup> but which allow for sequence overlap. Details of the unresolved resonance region computation are given in Appendix B.

C. Secondary Angular Distribution - MF = 4, and Secondary Energy Distribution - MF = 5

The TOPFIL code consists of two principal routines, LEGTHIN and PNTLIB4, for preparing the MF = 4 data in the PENDF format. All materials on one ENDF/B tape are prepared in one run of the code; the LEGTHIN routine thins the number of angular distributions given for a particular reaction to some input tolerance. The PNTLIB4 routine converts the thinned distribution to tabular distribution on a scattering angle cosine  $\mu$  mesh selected to delimit intervals of equal probability. Details are in Appendix C.

Routines from PNTLIB4 are also used for preparing data for MF = 5. This is necessary only when the distribution of the energy of the secondary neutron is expressed as a tabulation (LF = 1). Data in this form are transformed to tabulated data in which the secondary energies are given at equal probability/unit energy cut points. The analytic forms of File 5 data are merely copied.

D. Merging of Pointwise Resonance Data and Angular Distribution Data with Unaltered ENDF/B Data - The PNDFFRP Overlay of ETOPL Proper

A small code, PNDFFRP, takes pointwise data generated from resonance parameters and takes output from TOPFIL and combines these with the unaltered data in ENDF/B. This processing is done for a single material (MAT number) only. If output from PNTETOE is to be used, an original, unaltered tape must also be mounted for the unaltered data input for PENDF, as the PNTETOE output contains data only for those reactions having resonance parameters (elastic scattering, fission, and capture). If MINX output is to be used, the additional tape need not be mounted because the MINX output contains unaltered data as well as the altered data. Finally, if the evaluated data for the nuclide does not include resonance parameters, only the original ENDF/B data tape need be mounted for PNDFFRP.

The combined data for the single MAT is put on a temporary file that is read by the LUST segment. Provision is also made in PNDFFRP for changing  $\bar{v}$  (MAT = 452) expressed as polynomial coefficients to a tabulation. A special File 2 is added.

E. Linearization, Unionization, Scrutinizing, and Thinning - the LUST and KLUSt Overlays

File 3 smooth cross sections for a single material are retrieved from the PNDFFRP output. Then,

reaction by reaction, a minimal number of data points are added to permit linear-linear interpolation within a specified tolerance in place of the original interpolation scheme. Next, a data set is prepared such that all reactions are on a common energy mesh. Finally, this mesh is examined for points lying within a second specified tolerance (scrutinized), and superfluous points are removed (thinned). Two options are available for thinning, namely, a standard "three point" technique and a more sophisticated "longest tunnel" technique.<sup>6</sup> These two methods are compared in Appendix D.

F. Shielded Cross-Section Data - The SHELDIT Overlay

Both the output tapes from MINX and PNTETOE may contain data for the unresolved resonance region for several values of the self-shielding parameter  $\sigma_0$ . As an option, these data can be copied from either tape, placed on the common energy mesh, and added to the PENDF tape by the routine "SHELDIT."

G. The Gamma-Ray Production Files - MF = 12, MF = 13, MF = 14, and MF = 15 - The GAMMADD Overlay

If the evaluation of the nuclide being processed does not include gamma-ray production data, the output of the LUST segment may be a permanent file. If gamma-ray production data are present, however, further processing is necessary for meeting the PENDF requirements. This processing is done with the GAMMADD overlay, which sums all reactions and places the result (MT = 3) on the energy mesh common to that of File 3. The overlay also calculates approximate isotropic spectra for this summed reaction on some input incident neutron energy and secondary gamma energy meshes.

IV. INPUT SPECIFICATIONS FOR THE ETOPL CODE PROPER

As a normal procedure, the codes MINX, PNTETOE, and TOPFIL are run separately for various combinations of input parameters (temperature, tolerance, sigma-zero, etc.). Their outputs are stored on permanent files for multiple application to the ETOPL code proper.

The card input specifications for the PNTETOE code are the same as those for the ETOE code given in Ref. 3, and the input specifications for the TOPFIL code are given in Appendix C. Input specifications for the ETOPL code proper, by overlay, are shown in Table I.



TABLE I  
INPUT SPECIFICATIONS FOR ETOPL

<u>Column</u>	<u>Format</u>	<u>Symbol</u>	<u>Description</u>
<u>PNDFPRP</u>			
<u>Card 1</u>			
1-6	I6	MATA	Desired Mat number on PNTETOE and ENDF/B tapes or on MINX tape.
7-12	I6	IRES	Number of $\sigma_0$ values used in unresolved region on PNTETOE tape; if no unresolved parameters, set to 1; if no resonance parameters or if MINX tape is used, set to 0.
13-18	I6	NSEQT	Sequence number only for MINX tape to locate data for desired temperature. For first data set on MINX or for PNTETOE tape, set to 0.
19-24	I6	LNUTST	Flag for conditional input if MT = 452 given as coefficient of polynomial.
25-30	I6	NMF5	Flag to denote whether MF = 5 data are to be read from tape 15; no = 0, yes = 1.
<u>Cards 2-6</u>			
1-66	6A10,A6	COMENT	Five cards of descriptive information to be input by user.
67-70	I4	MAT	This MAT number will appear on the final PENDF tape.
71-72	I2	MF	Must be 1.
73-75	I3	MT	Must be 451.
Conditional Input for LNUTST = 1			
A hand-calculated tabulation for MF = 1, MT = 452 is required if the original ENDF/B data are expressed as polynomial coefficients. The tabulation must be in the proper ENDF/B format and must include a SEND card.			
<u>Cards 7-11</u>			
Five cards for MF = 2 (the number resonance option) in the ENDF/B format are supplied here.			
<u>Card 12</u>			
1-6	I6	NCD2	Number of cards in MF = 2 is always 5.
7-12	I6	NCD32	Obsolete.
13-18	I6	NCD318	Obsolete.
19-24	I6	NCD302	Obsolete.
25-30	I6	LNU	Obsolete.
<u>Card 13 - END</u>			
1-6	I6	NCDB	Number of cards for each reaction (MT) in MF = 4 as taken from TOPFIL output.
<u>LUST</u>			
<u>Card 1</u>			
1-80	I6A5	TITLE	Any description to appear on output listing only.
<u>Card 2</u>			
1-12	E12.5	EPS1	Criterion for linear fit of ENDF/B data.
13-24	E12.5	EPS2	Criterion for thinning. Set to small value ( $10^{-5}$ ) if thinning is to be done in KLUST.
<u>Card 3</u>			
1-6	I6	MATNO	Mat number used in PNDFPRP for PENDF tape.
7-12	I6	IDTAPE	Tape ID, not checked.
13-18	I6	NDFB	Output unit of PNDFPRP, usually 11.
19-24	I6	MODE	Mode of PNDFPRP tape, always 3.

TABLE I (cont)

<u>Columns</u>	<u>Format</u>	<u>Symbol</u>	<u>Description</u>
<u>Card 4</u>			
1-6	I6	KLST	To call KLUSt, set = 1, otherwise set = 0.
<u>Card 5</u>			
1-6	I6	LABEL	Labelled tape set = 1, unlabelled tape, set = 0 (i.e., ENDF/B tape label, usually 1).
<u>SHELDIT</u>			
<u>Card 1</u>			
1-11	I11	IFSHELD	IFSHELD = 0, program returned, i.e., no multitables of $\sigma_0$ desired. IFSHELD = 1, multitables wanted.
12-22	I11	NPOS	Card number to position tape NPTE to proper temperature.
23-33	I11	NPTE	Number of either PNTETOE (usually 1) or MINX (usually 12) tape.
<u>Card 2</u>			
1-11	I11	MATA	Mat number of desired material on NPTE.
12-22	I11	NFISS	NFISS = 1, MT = 18 present on NPTE; NFISS = 0, no MT = 18.
<u>Card 3</u>			
1-11	E11.4	EL	Lower energy of unresolved resonance region.
12-22	E11.4	EU	Upper energy of unresolved resonance region.
<u>GAMMADD</u>			
<u>Card 1</u>			
1-11	I11	MAT1	Mat number used for PENDF tape in PNDFFRP.
12-22	I11	NCDS13	New number of cards in MF = 13.
23-33	I11	NCDS14	New number of cards in MF = 14.
34-44	I11	NCDS15	New number of cards in MF = 15.
45-55	I11	NCDICK	New number of cards in dictionary.
56-66	I11	NSICK	NSICK = 0, no gamma-ray production on tape. NSICK = 1, no unresolved resonance information on tape. NSICK = IRES, number of values of $\sigma_0$ used in unresolved resonance region.
67-70	I4	IDTP1	Final tape ID number.
<u>Cards 2-11</u>			
1-66	6A10,A6	HOL	Ten cards of descriptive information are input by user.
<u>Card 12</u>			
1-4	I4	ILIST	ILIST = 0, output file rewound; ILIST = 1, output file not rewound.
5-8	I4	IPRINT	IPRINT = 0, print suppressed, IPRINT = 1, print not suppressed.
<u>Card 13</u>			
1-4	I4	NCASES	Number of cases of gamma-ray production data on tape, i.e., MAT, MF, MT.
<u>Card 14 to Card 14 + NCASES (Card X)</u>			
1-4	I4	MAT	One card for each combination of MAT, MF, and MT that is on the tape. Data are usually for a single MAT number.
5-8	I4	MF	
9-12	I4	MT	
<u>Card X + 1</u>			
1-4	I4	ILIST	Redundant, set = 0.
5-8	I4	IPRINT	Redundant, set = 0.

TABLE I (cont)

<u>Columns</u>	<u>Format</u>	<u>Symbol</u>	<u>Description</u>
9-12	I4	INTMPUN	Not used, set = 0.
13-16	I4	IPUNCH	Flag for tape output, set = 1.
<u>Card X + 2</u>			
1-4	I4	KI	Data tape, set = 1.
5-8	I4	KO	Data output, set = 0 or 3.
9-12	I4	NMT	Number of MTs in calculation.
13-16	I4	LMTFTR	Not used, set = 0.
17-20	I4	IS014	Anisotropic flag, set = 1.
<u>Card X + 3</u>			
1-4	I4	NB	Number of gamma-ray bins.
<u>Card X + 4 - Card Y</u>			
1-80	8E10.3	SB	NB values of gamma-ray energies. Read in any order. Code will order and automatically set lower bound. Energies in MeV.
<u>Card Y + 1</u>			
1-4	I4	NIE	Number of incident neutron energies.
5-8	I4	MATOUT	Output MAT number, not used, set = 0.
<u>Card Y + 2 - Card Z, NIE cards, each card as follows:</u>			
1-10	E10.3	ENL	Lower energy of incident neutron energy bin.
11-20	E10.3	ENH	Upper energy of incident neutron energy bin.
21-30	E10.3	XNAVG	Number of points used in averaging each bin (set = 10).
31-40	E10.3	THETA	Set = 0, not used for ETOPL.
<u>Card Z - Final card, one card for each MT to be processed.</u>			
1-10	E10.3	XMTFTR	Not used, set = 0.
11-20	E10.3	XMAT	Mat number in floating point.
21-30	E10.3	XMT	MT number in floating point.
<u>KLUST</u>			
<u>Card 1 (Note: Card is read in main ETOPL overlay.)</u>			
1-6	I6	NBT(91)	Tape number of last tape made by previous routine. For NBT(91) = 0, KLUST not called.
7-12	I6	NBT(92)	Scratch tape number.
13-18	I6	NBT(93)	Final tape number.
<u>Card 2</u>			
1-80	8A10	ITITLE	Any title that will appear on output listing only.
<u>Card 3</u>			
1-10	E10.7	REL	Relative error of data fit.
11-20	E10.7	REL1	Thin tolerance.

NOTE: KLUST cannot be used in this version of ETOPL for materials for which multiple  $\sigma_0$  tables in the unresolved resonance region are desired, because this routine presently will not handle the "illegal" format used in this representation.

## V. SAMPLE PROBLEM

To illustrate the various features of the PENDF format and to demonstrate the flow of data through the ETOPL code package, a special nuclide was constructed by taking the data for ENDF/B-III U-235 (MAT 1157) and appending gamma-ray production data prepared for  $^{235}\text{U}$ , ENDF/B-IV. These data were placed on a PERMFILE named TIIIG on the CDC-7600 for subsequent access by the codes in the package. The specific flow of data is shown in Fig. 3. In this example, the PNTETOE code is used for preparing the pointwise resonance data for ETOPL; note in Fig. 3 that the code RIGEL<sup>7</sup> is used to convert the ENDF/B data file (MODE3) to a "MODE2" data file. The input specifications for RIGEL are given in Ref. 7. Also note that because no tabulated secondary energy distributions are in the data, TOPFIL will prepare a tape only for MF = 4. A list of the cards used for the sample problem is given in Table II. Note in the input that LNUST is zero as MT = 452 is given as a tabulation, and that the KLUST routine is not called because multiple  $\sigma_0$  tables are used.

Listings of "before" and "after" outputs for the example are given in Appendixes E and F, respectively. Differences between the ENDF and PENDF formats can be determined by comparing these two listings. Note the additional BCD comments and updated data index in File 1 of the PENDF listing. Note the absence of resonance parameters in File 2 of the PENDF listing and the linearly interpolated File 3 data on a common energy grid. Also note the "illegal" format expressing sigma-zero dependence in File 3, and note that all secondary energy distributions are given as tabula-

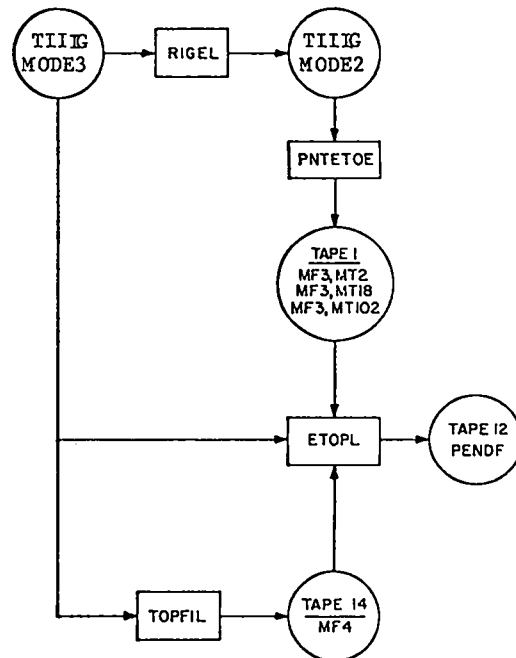


Fig. 3. Flow of data for sample problem.

tions in File 4 with 33 points delimiting equal probability areas except for the special 2-point isotropic representations. Finally, note the gamma-ray production files, specifically the absence of MF = 12, the single MT = 3 on the common energy grid used in MF = 13, the isotropic MF = 14, and the File 15 spectra given only for MT = 3 and on incident neutron and secondary photon energy meshes that have been input to the problem.

The running time for the sample problem was ~5 min.

TABLE II

LIST OF INPUT FOR SAMPLE PROBLEM

```

$JOB(NAME=T2HMH,UA=9502K311201ETPLSYS,CL=U,TL=9M,LC=400000,PL=700,AC=T02,PR=21)
$OPFN(FS=FSET14,SCT=10000)
$OPFN(FS=FSET12,SCT=10000)
$CFATE(FS=TIIIG,TYPE=SP,CL=U,REL=NEVER)
$IF.
$OPERM(FS=TIIIG,FSI=CCD)
$CREVER(FS=TIIIG,MT=XX009817,CL=U)
$UPD2(D=0,P=TIIIG,C=FSET12)
$. TIIIG IS PERMFILE CONTAINING DATA FOR MAT 57.
$. THE MAT 57 DATA HAS BEEN PLACED ON TAPE 12.
$CREATE(FS=ETPLSYS,TYPE=SP,CL=U,REL=NEVER)
$IF.
$OPERM(FS=ETPLSYS,FSI=CCD)
$CREVER(FS=ETPLSYS,MT=XX001264,CL=U)
$UPDATE(P=ETPLSYS,ASF=Q,L=0)
$PUN(I=COMPILE,C=S)
  
```

TABLE II (cont)

```

$LDGO(LC=155000B)
$. THE RIGEL CODE HAS BEEN COMPILED AND RUN. OUTPUT IS ON TAPE 14.
$REWIND(COMPILE)
$REWIND(BIN)
$REWIND(ETPLSYS)
$COPY(I=FSET14,O=FSET8)
$. TAPE 14 IS COPIED TO TAPE 8 FOR INPUT TO PNTETOE.
$UPDATE(P=ETPLSYS,ASF=Q,L=0)
$RUN(I=COMPILE,C=S)
$LDGO(LC=155000B)
$. THE PNTETOE CODE HAS COMPILED AND RUN. OUTPUT IS ON TAPE 1.
$REWIND(FSET1)
$REWIND(COMPILE)
$REWIND(RIN)
$REWIND(ETPLSYS)
$UPDATE(P=ETPLSYS,ASF=Q,L=0)
$RUN(I=COMPILE,C=S)
$LDGO(LC=155000B)
$. THE TOPFIL CODE HAS COMPILED AND RUN. OUTPUT IS ON TAPE 14.
$. TOPFIL USED TAPE 12 AS INPUT.
$REWIND(BIN)
$REWIND(COMPILE)
$REWIND(ETPLSYS)
$UPDATE(P=ETPLSYS,ASF=Q,L=0)
$RUN(I=COMPILE,C=S)
$LDGO(LC=155000B)
$. THE FTOPL CODE HAS COMPILED AND RUN. OUTPUT IS ON TAPE 12.
$. FTOPL USED TAPE 12, TAPE 14, AND TAPE 1 AS INPUT.
$. TAPE 12 WAS USED IN AN EARLY ROUTINE AND WAS THUS AVAILABLE FOR
$. FINAL OUTPUT.
$REWIND(FSET12)
$COPIESF(I=FSET12)
$. AS INTERMEDIATE CODES AND ROUTINES RUN SUCCESSFULLY, THE OUTPUT
$. FILE IS REWOUND. FINAL RESULTS CAN ONLY BE OBSERVED BY
$. COPYING TAPE 12 TO THE OUTPUT FILE.
$REWIND(FSET12)
$AFSREL(FS=FSET12,ADISP=TAPE,POSMT=XX005185)
$FM.
*COMPILE TORNL
$FM.
*COMPILE RIGEL
$FM.
      2      1      12      0
      1      12
      2      14

$FM.
*COMPILE PNTETOE
$FM.
      TAPE FOR U-235 AT 1000 DEG.
      1      1      0      1
U235T      57      0      0      0      0 1.0      +05 1000.0      0      0
LASMAT
*COMPILE TOPFIL
$FM.
      1      1
      0      0      1      3      1      8
      3.0      0.05
*COMPILE FTOPL
$FM.
      57      5
** TEMPERATURE = 1000 DEG K, CROSS SECTIONS IN UNRESOLVED ** 57 1451
** RESONANCE REGION GIVEN FOR SIGMA-ZERO=10,100,1000,10000. ** 57 1451
** BARNS/ATON PLUS INF. DIL. MF4 THIN TOLERANCE = 3.0 PCT. ** 57 1451
***** 57 1451
***** 57 1451

```

TABLE II (cont)

4	14	33	26					
462								
10								
10								
10								
10								
10								
10								
10								
10								
10								
10								
10								
10								
10								
9.72350+04	2.33025+02				1		57 2151	7
9.22350+04	1.0			0	1		57 2151	8
1.0	-05	1.5	+07	0	0		57 2151	9
0.	8.3690	-01			0		57 2151	10
							57 2 0	
							57 0 0	2

MAT 57 PROBLEM

.01		.00001						
57	11	11	3					
1								
1								
	1		0		1			
	57		1					
8.20008	+01	2.5	+04					
	57		822	1	706	48	2	888

\*\*\*\*\*  
 \*\*\*\*\*  
 \*\*  
 \*\* SAMPLE PROBLEM FOR ETOPL REPORT. U-235 FROM ENDF/B. \*\*  
 \*\* VERSION III WITH GAMMA-RAY PRODUCTION XSEC ADDED. \*\*  
 \*\* PROBLEM ILLUSTRATES EXERCISING ALL LINKS AND OVERLAYS \*\*  
 \*\* OF CODE SYSTEM EXCEPT MFS OPTION IN TOPFIL AND KLUST. \*\*  
 \*\*  
 \*\*\*\*\*  
 \*\*\*\*\*

1	1							
4								
57	12	4						
57	12	18						
57	12	102						
57	13	3						
0	0	0	1					
1	3	4	0	1				
35								
0.0	0.01	0.03	0.045	0.06	0.10	0.15	0.22	
0.30	0.40	0.45	0.50	0.60	0.70	0.80	0.90	
1.00	1.25	1.33	1.66	2.00	2.50	3.00	3.50	
4.0	4.50	5.00	5.50	6.00	7.00	8.00	9.00	
10.00	12.00	14.00	20.00					
50								
1.0	-11	1.39	-10	10.0	0.0			
1.39	-10	1.52	-08	10.0	0.0			
1.52	-08	4.14	-07	10.0	0.0			
4.14	-07	1.13	-06	10.0	0.0			
1.13	-06	3.06	-06	10.0	0.0			
3.06	-06	8.32	-06	10.0	0.0			
8.32	-06	2.26	-05	10.0	0.0			
2.26	-05	3.727	-05	10.0	0.0			
3.727	-05	6.14	-05	10.0	0.0			
6.14	-05	1.01	-04	10.0	0.0			

TABLE II (cont)

1.01	-04	1.67	-04	10.0	0.0
1.67	-04	2.75	-04	10.0	0.0
2.75	-04	4.54	-04	10.0	0.0
4.54	-04	7.49	-04	10.0	0.0
7.49	-04	1.234	-03	10.0	0.0
1.234	-03	1.585	-03	10.0	0.0
1.585	-03	2.03	-03	10.0	0.0
2.03	-03	2.61	-03	10.0	0.0
2.61	-03	3.35	-03	10.0	0.0
3.35	-03	4.31	-03	10.0	0.0
4.31	-03	5.53	-03	10.0	0.0
5.53	-03	7.10	-03	10.0	0.0
7.10	-03	9.12	-03	10.0	0.0
9.12	-03	1.171	-02	10.0	0.0
1.171	-02	1.503	-02	10.0	0.0
1.503	-02	1.931	-02	10.0	0.0
1.931	-02	2.479	-02	10.0	0.0
2.479	-02	3.183	-02	10.0	0.0
3.183	-02	4.087	-02	10.0	0.0
4.087	-02	5.248	-02	10.0	0.0
5.248	-02	6.738	-02	10.0	0.0
6.738	-02	8.652	-02	10.0	0.0
8.652	-02	1.11	-01	10.0	0.0
1.11	-01	1.83	-01	10.0	0.0
1.83	-01	3.02	-01	10.0	0.0
3.02	-01	4.98	-01	10.0	0.0
4.98	-01	8.21	-01	10.0	0.0
8.21	-01	1.353	+00	10.0	0.0
1.353	+00	1.738	+00	10.0	0.0
1.738	+00	2.231	+00	10.0	0.0
2.231	+00	2.865	+00	10.0	0.0
2.865	+00	3.68	+00	10.0	0.0
3.68	+00	6.07	+00	10.0	0.0
6.07	+00	7.79	+00	10.0	0.0
7.79	+00	10.00	+00	10.0	0.0
10.00	+00	12.00	+00	10.0	0.0
12.00	+00	13.50	+00	10.0	0.0
13.50	+00	15.00	+00	10.0	0.0
15.00	+00	17.00	+00	10.0	0.0
17.00	+00	20.00	+00	10.0	0.0
		57.0		4.0	
		57.0		18.0	
		57.0		102.0	
		57.0		3.0	

\$EJ.

APPENDIX A

TREATMENT OF THE RESOLVED RESONANCE REGION

Two methods are available for handling Doppler broadening in the ETOPL package, the standard  $(\psi, \chi)$  method and the less widely applied kernel-broadening method. The  $(\psi, \chi)$  option is provided by the PNTETOE link, which is an extension of the ETOE code<sup>3</sup> to include the formulas for capture and fission. (The ETOE code is a preprocessor for MC<sup>2</sup>, which requires pointwise data only for elastic scattering.) Kernel-broadening is provided by the MINX code.<sup>2</sup> Both codes are identical for calculating cross sections for 0°K, infinite dilution using the formulas defined in Appendix D of Ref. 1. PNTETOE is limited to a single-level Breit-Wigner treatment; however, multilevel treatments are handled by MINX. Doppler broadening in PNTETOE is handled by following these familiar formulas.

$$\sigma_0(E) = \sigma_0 \frac{\Gamma_Y}{\Gamma} \left( \frac{E_0}{E} \right)^{1/2} \Psi(\xi, X), \text{ for capture,} \quad (\text{A-1})$$

$$\sigma_f(E) = \sigma_0 \frac{\Gamma_f}{\Gamma} \left( \frac{E_0}{E} \right)^{1/2} \Psi(\xi, X), \text{ for fission,} \quad (\text{A-2})$$

$$\sigma_n(E) = \sigma_0 \frac{\Gamma_n}{\Gamma} \Psi(\xi, X) + \left( \sigma_0 \sigma_p \frac{\Gamma_n}{\Gamma} \right)^{1/2} \chi(\xi, X) + \sigma_p, \quad (\text{A-3})$$

for elastic scattering

where

$$\sigma_0 = 4\pi g \lambda_0^2 \frac{\Gamma_n}{\Gamma} \left( \frac{A+1}{A} \right)^2, \quad (\text{A-4})$$

$$\xi = \left( \frac{A\Gamma^2}{4E_0 K I} \right)^{1/2} = \frac{\Gamma}{\Delta}, \quad (\text{A-5})$$

$$X = \frac{2(E-E_0)}{\Gamma}, \quad (\text{A-6})$$

and all widths are measured at the resonance energy  $E_0$ . Interference scattering is included in Eq. (A-3).

The usual Doppler-broadened line shape functions  $(\psi$  and  $\chi)$  are related to the complex probability integral  $W$  through the following expressions.

$$\psi(\xi, X) = \frac{\xi \sqrt{\pi}}{2} \operatorname{Re} W \left( \frac{\xi X}{2}, \frac{\xi}{2} \right) \quad (\text{A-7})$$

$$\chi(\xi, X) = \xi \sqrt{\pi} \operatorname{Im} W \left( \frac{\xi X}{2}, \frac{\xi}{2} \right) \quad (\text{A-8})$$

In the MINX code, the resolved resonance region is first processed for 0°K, infinite dilution. This treatment is based largely upon Ozer's RESEND program.<sup>8</sup> Doppler broadening is then achieved with a routine developed in cooperation with Cullen.<sup>9</sup> In the algorithm of this code, the Doppler-broadened cross section is expressed as follows.<sup>10</sup>

$$\tilde{\sigma}(E, T) = \frac{1}{\sqrt{E}} \int_0^\infty K(E, E', T) \sigma(E') \sqrt{E'} dE', \quad (\text{A-9})$$

where

$$K(E, E', T) = \sqrt{\frac{\alpha}{4\pi E}} \left( e^{-\alpha(\sqrt{E'}-\sqrt{E})^2} - e^{-\alpha(\sqrt{E'}+\sqrt{E})^2} \right) \quad (\text{A-10})$$

and

$$\alpha = 1.1605 \times 10^4 \frac{\text{AWR}}{T},$$

$$\text{AWR} = \frac{\text{mass of target (M)}}{\text{mass of neutron (m)}},$$

$T$  = temperature °K ,

$\tilde{\sigma}(E, T)$  = effective cross section for neutrons of incident energy  $E$  in media at temperature  $T$  ,

$\sigma(E')$  = unbroadened cross section for neutrons of relative energy  $E'$  (e.g., cross section at 0°K) ,

$K(E, E', T)$  = kernel relating Maxwellian target motion to incoming neutron energy.

If one introduces the ETOPL requirement that the cross section be a sectionally linear function of energy, then the Doppler-broadened cross section involves combinations of terms with integrals of form

$$F_n(X) = \int_X^\infty z^n e^{-z^2} dz \quad (\text{A-11})$$

The only functions  $(F_n)$  required are those for  $n = 0, 1, 2, 3,$  and  $4$ . Furthermore, they possess desirable recursive properties,

$$F_n(X) = \frac{1}{2} \left( (n-1) F_{n-2}(X) + \chi^{n-1} e^{-X^2} \right) \quad (\text{A-12})$$

The above formulas apply directly to a monatomic gas. However, for a polycrystalline material an effective temperature  $T_{\text{eff}}$  of the system can be related to the physical temperature  $T$  in terms of  $\theta$ , the Debye temperature.



$$T_{\text{eff}} = \left(\frac{3}{2}\right) \left(\frac{T}{\theta}\right)^3 T \int_0^{\theta/T} x^3 \coth\left(\frac{x}{2}\right) dx, \quad (\text{A-13})$$

for

$$T/\theta \ll 1; T_{\text{eff}} \rightarrow \theta/3$$

$$T/\theta \gg 1; T_{\text{eff}} \rightarrow T$$

For the broadening calculations,  $T_{\text{eff}}$  can be employed in place of the Maxwellian temperature  $T$  in Eqs. (A-9) and (A-10), although such corrections are not always applicable.<sup>11</sup>

Harris<sup>12</sup> and Fröhner<sup>13</sup> have shown that one can start from a broadened cross section at finite temperature  $T'$  and perform the kernel broadening to temperature  $T$  using the difference  $T-T'$  as the temperature parameter characterizing the Maxwellian distribution. Such a "boot-strapping" procedure is used for obtaining cross sections at a number of different temperatures.

A comparison of numerical results obtained from the two methods was made for the ENDF/B, Version III evaluation of  $^{235}\text{U}$  (MAT 1157) for three temperatures (300°K, 1300°K, and 100,000°K). The results of the comparisons is further illustrated in Fig. A-1; the kernel calculation is consistently higher than the  $\psi, \chi$  curve for elastic scattering but not for fission and capture.

In general, the MINX output is preferable to that from PNTETOE not only because MINX is able to process all ENDF formats and is maintained in a more up-to-date status, but also because of its

ability to handle large amounts of data through the "paging" technique.<sup>8</sup> PNTETOE, however, is limited to about 4000 energy cross-section pairs per reaction. Its importance is illustrated by the processing of the ENDF/B, Version III evaluation for  $^{238}\text{U}$  (MAT 1158) with both codes. This evaluation contains 450 resolved resonances. A MINX problem was run that gave 9700 points for the capture reaction or an average of about 20 points per resonance. Two PNTETOE problems were run, one with 1900 points, or about 4 or 5 points per resonance, and the other at 3300 points, or about 7 or 8 points per resonance. The latter problem is near the present storage limitations of the code. The pointwise data from these problems were further processed by the MINX code to obtain multigroup cross sections for two different weighting functions. The results for groups 24, 25, and 26 are shown in Tables A-II and A-III, and comparison plots for group 24 are given in Figs. A-2 through A-4. The large differences in the tables and plots clearly demonstrate the need for representing a resonance with a sufficient number of points.

An additional advantage of the MINX code is the ability to specify an error tolerance, that is, to require that the line segment between any two points output by the code be nowhere different than some user specified tolerance from any point that would be calculated between these two points. The 9700-point capture cross section cited in the example above was the result of specifying a 3% tolerance for the calculation.

TABLE A-1

COMPARISON OF  $(\psi, \chi)$  DOPPLER BROADENING WITH KERNEL BROADENING FOR THE RESOLVED RESONANCE REGION OF  $^{235}\text{U}$  (MAT 1157)

T (°K)	Elastic Scattering		Fission		Capture	
	Weighted Av % Dif	Max % Dif	Weighted Av % Dif	Max % Dif	Weighted Av % Dif	Max % Dif
300	5.7	23.7	3.4	62.6	2.8	17.3
1,300	6.6	24.4	3.7	82.8	3.2	19.9
100,000	6.6	15.2	5.8	46.8	3.9	24.6

TABLE A-II

$^{238}\text{U}$  MAT 1158, 300°K, INF DIL, 1/E WEIGHTED

Gp No	E Lower (eV)	E Upper (eV)	9700 Pt (b)		3300 Pt (b)		1900 Pt (b)	
			Capture	Elas Scat	Capture	Elas Scat	Capture	Elas Scat
24	22.60	61.40	43.579	60.227	56.860	77.613	90.211	111.280
25	8.32	22.60	62.816	26.859	78.349	35.035	110.190	46.239
26	3.06	8.32	130.270	15.024	167.100	18.765	232.260	22.447

TABLE A-III

$^{238}\text{U}$  MAT 1158, 300°K, INF DIL, CONSTANT WEIGHT

Gp No	E Lower (eV)	E Upper (eV)	9700 Pt (b)		3300 Pt (b)		1900 Pt (b)	
			Capture	Elas Scat	Capture	Elas Scat	Capture	Elas Scat
24	22.6	61.4	41.156	57.638	53.339	73.969	82.582	104.44
25	8.32	22.6	91.564	36.141	114.32	46.728	161.05	63.134
26	3.06	8.32	166.218	17.173	211.52	21.994	294.24	26.786

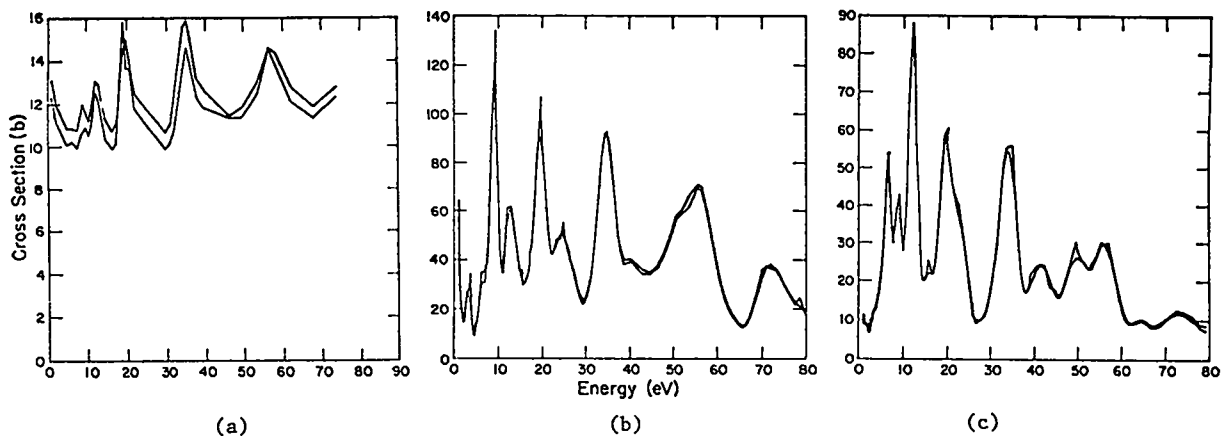


Fig. A-1.  $^{235}\text{U}$  at 100000°K. (a) elastic scatter. (b) fission. (c) capture.

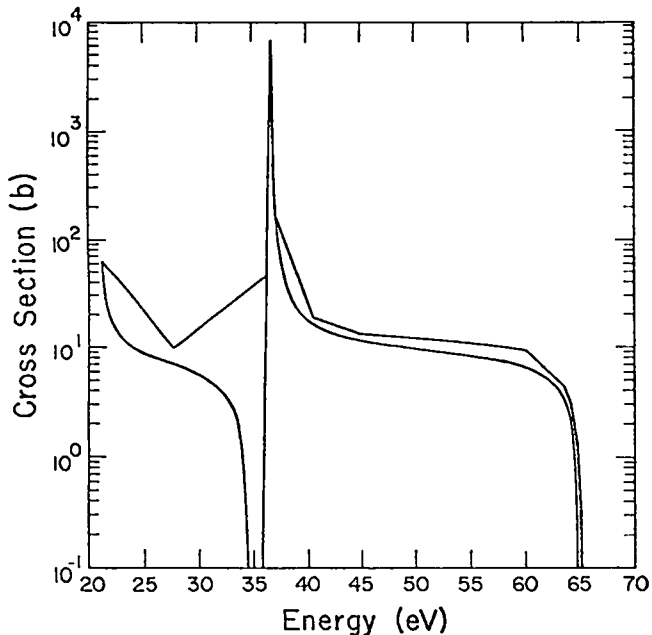


Fig. A-2. MINX vs PNTETOE - elastic cross section.

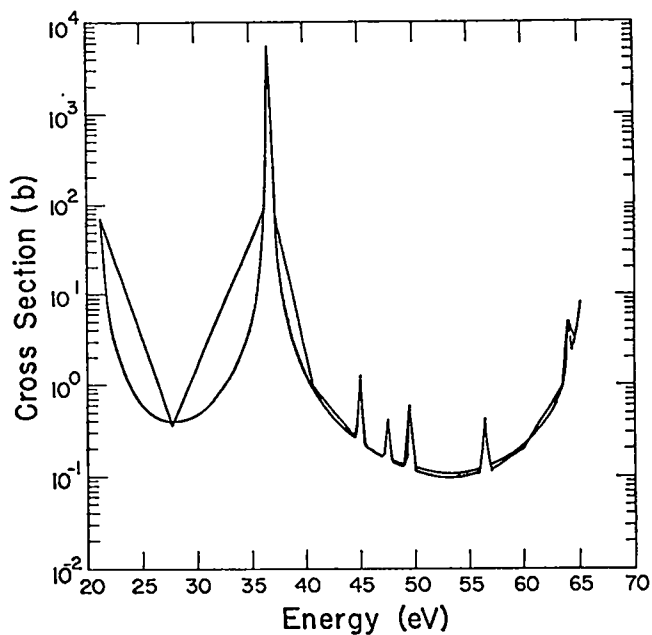


Fig. A-3. MINX vs PNTETOE - capture cross section.

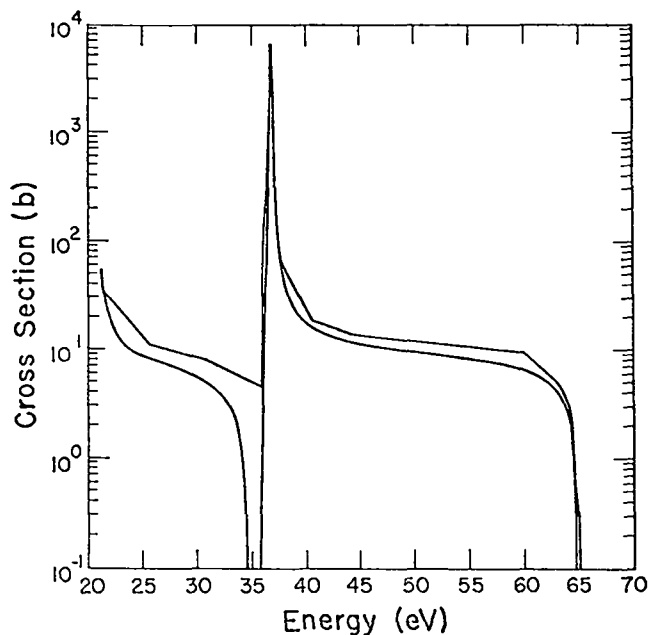


Fig. A-4. MINX vs PNTETOE - elastic cross section.

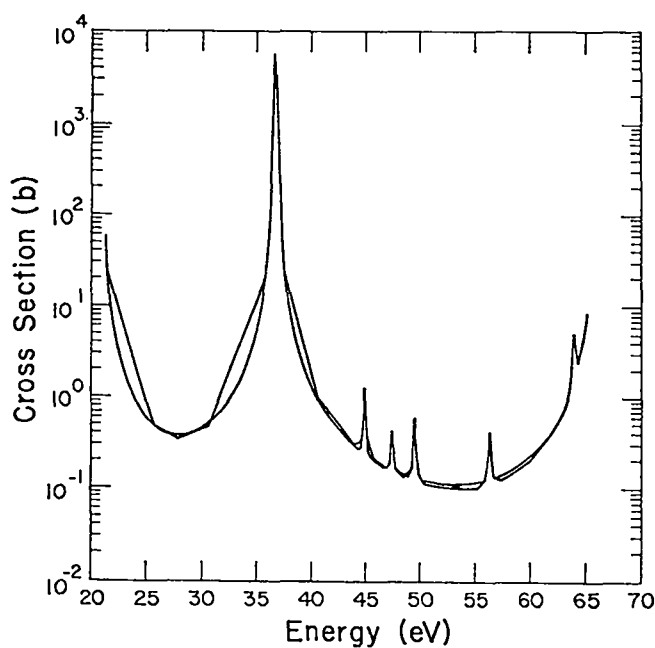


Fig. A-5. MINX vs PNTETOE - capture cross section.

## APPENDIX B

### TREATMENT OF THE UNRESOLVED RESONANCE REGION

The ENDF formats provide three options for specifying average parameters for the unresolved resonance region, namely, (1) parameters independent of energy, (2) parameters with only fission widths energy dependent, and (3) parameters all energy dependent. All options are handled by both the PNTETOE and MINX codes. Furthermore, the treatment of the unresolved resonance region in both codes is similar except that the treatment in MINX, based on that used in the ETOX<sup>5</sup> code does include sequence-sequence overlay.

Both codes use the standard J-function technique as described in Ref. 4 for obtaining temperature and self-shielding corrections. The J-function routines in ETOX(MINX) are identical to those used in MC<sup>2</sup>; those used in PNTETOE are taken from the IDIOT code.<sup>14</sup> A comparison of the two treatments for the ENDF/B, Version III, evaluation for <sup>235</sup>U (MAT 1157) at 1500°K and for  $\sigma_0 = 15$  b/a is shown in Table B-I. Only small differences between the two J-function treatments are evident for this case. Figure B-1 illustrates temperature and self-shielding effects in the unresolved resonance region for MAT 1157.

These treatments of the unresolved resonance region, which are currently the only methods available in the MINX and PNTETOE codes, yield cross sec-

tions in the unresolved resonance regions that are not only temperature dependent but also dependent upon the self-shielding parameter  $\sigma_0$ . Thus, cross sections in the ENDF library must be given as a function of  $\sigma_0$  in the unresolved resonance region as well as an over-all function of temperature. This required the devising of a new ENDF format because the approved ENDF formats given in Ref. 1 are not suitable for expressing this  $\sigma_0$  dependence. The new format, illustrated in Appendix F, is limited to MT = 1, MT = 2, MT = 18, and MT = 102. Cross sections for the infinite dilution case are first tabulated on the full energy mesh. This is followed by a "TAB2" record giving the number of tables, that is, the number of values of  $\sigma_0$  for which cross sections are available in the unresolved resonance region and in the interpolation between subsequent tables. The cross sections for the various  $\sigma_0$  values are then tabulated on the energy mesh of the unresolved resonance region. The value of  $\sigma_0$  is placed in the normal Q-value position in each table; the Q-value for the reaction is given only in the complete table for infinite dilution,  $\sigma_0 = \infty$  being understood.

We emphasize that this format is not a "legal" ENDF format and that it is for local application only. Although several "principles" of the ENDF format are

violated, such as the TAB2 record in MF = 1 and the use of the same MT number for more than one record in the same file, the new format has the distinct advantage of having the  $\sigma_0$ -dependent cross sections

concentrated in a single area of the file, allowing for rapid interpolation to a particular  $\sigma_0$  value appropriate for a specific problem.

TABLE B-I

$^{235}\text{U}$  (MAT 1157) 1300°, 15B/A, COMPARISON OF PNTETOE AND MC<sup>2</sup> IN UNRESOLVED RESONANCE REGION

E-Resonance (keV)	Capture Cross Section			Fission Cross Section		
	MC <sup>2</sup> (b)	PNTETOE (b)	Diff %	MC <sup>2</sup> (b)	PNTETOE (b)	Diff %
0.082	9.48	9.36	1.3	23.12	22.85	1.2
0.116	10.06	9.95	1.1	21.03	20.72	1.5
0.148	11.51	11.39	1.0	21.66	21.31	1.6
0.191	9.98	9.89	0.9	21.21	20.88	1.6
0.245	11.00	10.88	1.1	29.83	29.35	1.6
0.300	6.57	6.52	0.8	16.82	16.58	1.4
0.350	5.94	5.89	0.8	15.11	14.90	1.4
0.400	5.41	5.37	0.7	13.94	13.75	1.4
0.450	5.89	5.84	0.8	16.52	16.29	1.4
0.500	6.30	6.24	1.0	19.45	19.17	1.4
0.560	6.88	6.82	0.9	20.02	19.72	1.5
0.620	5.40	5.36	0.7	14.21	14.01	1.4
0.750	6.29	6.25	0.6	13.87	13.68	1.4
0.800	6.33	6.29	0.6	13.08	12.91	1.3
0.830	5.02	5.00	0.4	10.10	9.98	1.2
0.900	4.59	4.57	0.4	9.00	8.90	1.1
1.000	4.64	4.62	0.4	9.12	9.03	1.0
1.100	5.34	5.32	0.4	10.53	10.42	1.0
1.500	3.81	3.79	0.5	9.32	9.24	0.9
1.800	3.26	3.26	0.0	8.22	8.15	0.9
2.000	2.83	2.82	0.4	7.40	7.35	0.7
2.500	2.34	2.34	0.0	6.51	6.47	0.6
3.000	2.15	2.14	0.5	5.97	5.95	0.3
Differences for resonances from 3-25 keV less than 0.5%						
25.000	0.97	0.97	0.0	2.61	2.61	0.0

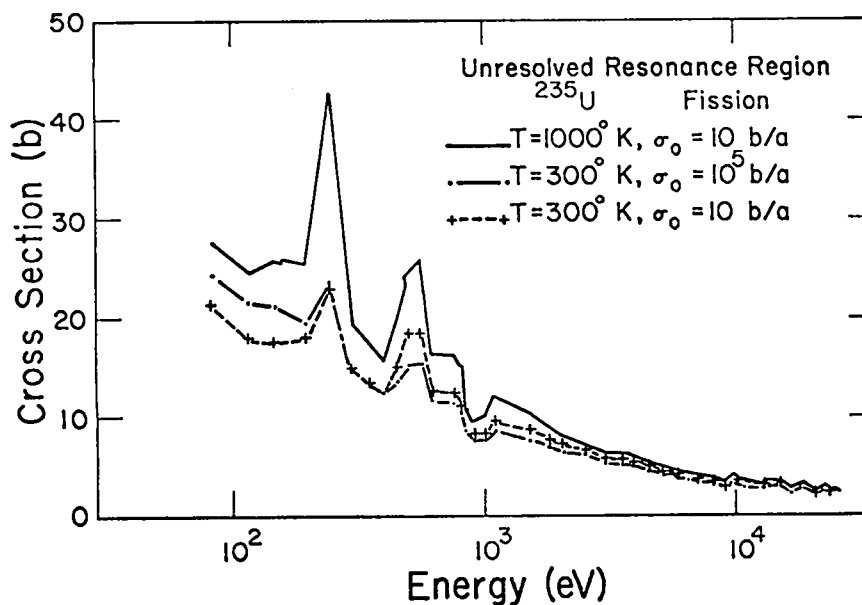


Fig. B-1. Unresolved resonance region  $^{235}\text{U}$  fission.

APPENDIX C

TREATMENT OF SECONDARY ANGULAR DISTRIBUTIONS

In the PENDF format the angular distributions of the secondary neutrons are expressed as tabulated functions of probability P vs the cosine of the scattering angle  $\mu$ . Moreover, the same number of  $\mu$ -values (usually 33) are used in each table (that is, for each incident neutron energy), and these  $\mu$ 's are chosen to delimit intervals of equal probability.

Angular distribution data in the original ENDF/B evaluation are often expressed in the compact form of Legendre coefficients, so that a rather fine incident energy mesh can be used without greatly increasing the total volume of data in the evaluation. This is no longer the case, however, when the Legendre data are tabulated with each table having 33  $\mu$ -point pairs. It is therefore convenience for the PENDF library to thin the secondary angular distribution data to some user-specified tolerance.

The above PENDF requirements are achieved by applying the TOPFIL code to the original ENDF/B file 4 data. This code, which will process the MF = 4 data for all materials on an ENDF/B tape in one pass, consists of two routines, LEGTHIN and PNTLIB4. The LEGTHIN routine thins all Legendre angular distributions on the tape to a user-specified tolerance; PNTLIB4 transforms the thinned distributions to the required PENDF format described above.

In the thinning procedure for LEGTHIN, a tolerance parameter that is input by the user specifies the maximum allowable root-mean-square (rms) difference permitted between distributions calculated from coefficients on the original grid and from interpolated coefficients. The rms difference between any

two distributions is computed by tabulating the distributions on a dense (up to 200 points)  $\mu$  grid and comparing the two at each value of  $\mu$ . The thinning routine advances through the entire coefficient file requiring that the distributions between any two energies preserved in the output file can be calculated with interpolated coefficients to the specified rms accuracy. In addition, a negativity check is included that flags energies at which distributions produce negative probabilities for some angles.

The subroutine PNTLIB4 converts all angular distributions to a histogram representation with the  $\mu$  mesh chosen to delimit intervals of equal probability. If the distribution is isotropic, two data points are specified, namely, (-1.0, 0.5) and (1.0, 0.5). For the Legendre representation a value of  $\mu$  ( $= \mu^*$ ) is found such that the integral of the angular distribution below and above  $\mu^*$  is approximately half the total area. Each of the two ranges of polar cosines thus defined are subdivided into 500 equal intervals. The area for each of the 1000 intervals is computed analytically and a cumulative probability table is constructed. Using this table, a search is then made to locate equally probable  $\mu$  values assuming linear interpolation. For the tabulated distributions the P( $\mu$ ) vs  $\mu$  data are given (with linear or log-linear interpolation) as discrete values of  $\mu$ . Equally probable  $\mu$  values can then be determined analytically in a straightforward fashion.

The input specifications for TOPFIL are given in Table C-1. Note that both MF = 4 and MF = 5 are handled in this routine.

TABLE C-1

INPUT SPECIFICATIONS FOR TOPFIL			
Columns	Format	Symbol	Description
<u>Card 1</u>			
1-4	I4	MF4	MF4 = 1, prepare MF = 4 data; MF4 = 0, no MF = 4 data.
5-8	I4	MF5	MF5 = 1, prepare MF = 5 data; MF5 = 0, no MF = 5 data.
<u>Card 2</u>			
1-4	I4	ILIST	ILIST = 0, no list.
5-8	I4	IPRINT	IPRINT = 0, no print.
9-12	I4	KI	Obsolete; set by program.
13-16	I4	KO	Obsolete; set by program.
17-20	I4	IWT	IWT = 1, standard fractional weighting; IWT = 2, probability weighting
21-24	I4	IDTP7	Obsolete; set = 0.
<u>Card 3</u>			
1-11	E11.4	ERROR	Maximum allowable RMS percentage error for thinning.
12-22	E11.4	DCOS	Increment in cosine used in computing RMS error.

APPENDIX D

COMPARISON OF THINNING TECHNIQUES AVAILABLE IN ETOPL

The second overlay of the ETOPL code proper contains the linearization routine, ISLIN1; the unionization routine, UNION1; and one of the two thinning routines available, namely THIN1. The other thinning routine, KLUST,<sup>6</sup> is obtained by calling an additional overlay.

The thinning procedure used in THIN1 is a "three-point" type, that is, a point between two points is examined to determine whether or not it lies within or without the input-specified tolerance and is accordingly retained or rejected. This three-point thinning can be applied iteratively, but in the present version of ETOPL it is used just once. In this application the technique cannot "look ahead" or allow a cross section to float within the tolerance.

The procedure in KLUST, however, is based on the concept of the "longest tunnel" or the longest line one can draw either through the original data or within the specified tolerance of the original data. Thus, in KLUST the actual values of the cross sections can be modified. Figure D-1 shows a somewhat exaggerated comparison between thinning done with THIN1 and that done with KLUST. The comparison is for the elastic scattering cross section A1 (ENDF/B-III, MAT 1135) plotted between 0.41 and 0.48 MeV. The original evaluation has 70 data points in this interval; a 10% THIN1 thinning reduces this number to 13, and the 10% KLUST thin gives 9 points. In the figure

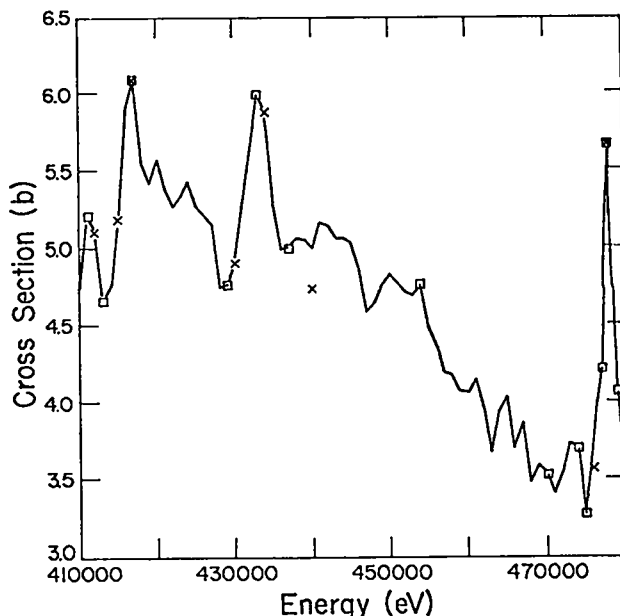


Fig.D-1. KLUST-LUST comparison. The crosses and squares are points remaining after thinning with KLUST and LUST, respectively.

note particularly the KLUST "longest tunnel" between 0.44 and 0.476 MeV. There are four THIN1 points between the two KLUST points, and the cross sections for the KLUST points do not coincide with the original data at these energies. However, both routines give the same cross-section values at the two relatively highest peaks.

APPENDIX E

COPYSF 1 FILES FROM FSET14

LASL Identification No.: LP-0459

```

LASL TEMP ENDF TAPE WITH TEMP MATS 57, 58, 59, 69, AND 105. 1JUL 11-0 -0 -0
9.2235 +04 2.33025+02 1 1 0 56 57 1451 1
0. 0. 1 1 114 57 1451 2
* * * * * 57 1451 3
* 57 1451 4
* PHOTON PRODUCTION DATA ADDED BY LASL, MAY 1972. DATA BY * 57 1451 5
* STEWART AND HUNTER FROM LA-4918. * 57 1451 6
* DATA BELOW 1.09 MEV GIVEN AS MULTIPLICITIES IN MF = 12 FOR * 57 1451 7
* MT = 4, MT = 18, AND MT = 102. ABOVE 1.09 MEV, DATA GIVEN * 57 1451 8
* IN MF = 13, MT = 3 WHICH INCLUDES ALL REACTIONS. NOTE PHOTON* 57 1451 9
* PRODUCTION DATA GOES UP TO 20 MEV, WHEREAS NEUTRON FILES ARE * 57 1451 10
* ONLY UP TO 15 MEV. * 57 1451 11
* * 57 1451 12
* * 57 1451 13
* * * * * 57 1451 14
* * * * * 57 1451 15
U-235 AI,ANC,WARD EVAL-AUG71 ALTER,DUNFORD(AI),LEONARD(BNW) 57 1451 16
ENDF-161,ENDF-153 DIST-JAN72 PITTLERLE,PAIK,WARD,LUBITZ,KAPL) 57 1451 17
* * * * * 57 1451 18
U-235 CSEWG EVAL-SEPT69,LEONARD,ALTER,LUBITZ, RE-EVALUATIONS- 57 1451 19
LEONARD,ALTER,DUNFORD,LUBITZ,PENNINGTON,PITTLERLE, AND PAIK. 57 1451 20
    
```

DATA ADJUSTMENTS BASED ON WORK BY T.A.PITTELLE AND N.C.PAIK	57 1451	21
(PROC.CONF.NEUTRON CROSS SECTIONS AND TECH., KNO.VILLE, 3/71.)	57 1451	22
DATA MOD.FOR ENERGIES GREATER THAN 64.5 EV	57 1451	23
USE A VALUE OF 1.32 MEV FOR FISSION SPECTRUM FOR FAST REACTORS	57 1451	24
URANIUM-235	57 1451	25
VARIOUS INDIVIDUALS CONTRIBUTED TO THE EVALUATION OF	57 1451	26
THE CROSS SECTIONS FOR THIS MATERIAL	57 1451	27
B.R.LEONARD (BNW)- CROSS SECTIONS BELOW 1.0 EV	57 1451	28
H.ALTER AND C.L.DUNFORD- CROSS SECTIONS ABOVE 15 KEV	57 1451	29
J.R.SMITH- RESOLVED RESONANCE DATA BELOW 82 EV.	57 1451	30
T.A.PITTELLE- UNRESOLVED RESONANCE DATA BELOW 25 KEV.	57 1451	31
MAT=1157 IS A PARTIAL REEVALUATION OF DATA IN MAT 1102 AND 1044.	57 1451	32
THE TOTAL AND ALL PARTIAL CROSS SECTIONS FOR NEUTRON ENERGIES	57 1451	33
BELOW 1.0 EV WERE PROVIDED BY B.R.LEONARD, JR. (UNPUBLISHED MEMO	57 1451	34
TO CSEWG(AUG.1969).	57 1451	35
THE PARTIAL .-SEC WERE OBTAINED BY STARTING WITH DATA GIVEN IN	57 1451	36
MAT=1044 AND MODIFYING THE SHAPE AND MAGNITUDE OF THESE DATA TO	57 1451	37
CONFORM TO THE 2200 M/SEC PARAMETERS (INCLUDING G FACTORS) THAT	57 1451	38
WERE OBTAINED DURING THE 1969 IAEA EVALUATION GROUP (SEE- HANNA	57 1451	39
ET AL, ATOMIC ENERGY REVIEW, VOL VII, NO.4, 1969).	57 1451	40
THE 2200 M/SEC PARAMETERS ARE	57 1451	41
TOTAL = 694.276	57 1451	42
ELASTIC= 15.776	57 1451	43
FISSION= 580.200	57 1451	44
N.GAMMA= 98.300	57 1451	45
NU = 2.423 TOTAL (DELAYED PLUS PROMPT)	57 1451	46
ALPHA = 0.16942	57 1451	47
ETA = 2.07196	57 1451	48
BELOW 1.0 EV DATA GIVEN IN FILE 3 (SMOOTH .-SEC).	57 1451	49
BETWEEN 1.0 AND 82.0 EV DATA GIVEN AS SLBW RESOLVED RESONANCE	57 1451	50
PARAMETERS PLUS A SMOOTH BACKGROUND GIVEN IN FILE 3.	57 1451	51
BETWEEN 64.5 EV AND 25.0 KEV ALL DATA GIVEN IN FILE 2 (LRF=2,	57 1451	52
ENERGY DEPENDENT REDUCED NEUTRON WIDTHS AND FISSION WIDTHS).	57 1451	53
ABOVE 25.0 KEV ALL DATA GIVEN IN FILE 3.	57 1451	54
BELOW 0.4 EV FISSION .-SEC BASED ON DATA OF B.R.LEONARD (FROM	57 1451	55
SCISRS TAPE) AND THAT OF C.D.BOWMAN ET AL (UCRL-1460). N.GAMMA	57 1451	56
BASED ON ALPHA*FISSION, WHERE ALPHA TAKEN FROM GRAPH IN BNL-325	57 1451	57
PAGE 92-235-33 (FOR ENERGIES BETWEEN 0.07 TO 0.4 EV).	57 1451	58
ABOVE 25 KEV PARTIAL CROSS SECTIONS EVALUATED (AI-AEC-MEMO-12916,	57 1451	59
JAN.1970) MODIFIED BY PITTELLE AND HUBNER.	57 1451	60
RESOLVED RESONANCE PARAMETERS PLUS FILE 3 CONTRIBUTION DESCRIBE	57 1451	61
THE CROSS SECTIONS BETWEEN 1 AND 82 EV. PARAMETERS ARE FROM A	57 1451	62
SIMULTANEOUS FIT TO TOTAL, FISSION, AND CAPTURE CROSS SECTIONS.	57 1451	63
DATA FIT ARE THOSE OF DESAUSSURE (1), MICHAUDON (2), BLONS (3),	57 1451	64
AND CAO (4). PARAMETERS DERIVED BY J.R. SMITH, AEROJET (IDAHO)	57 1451	65
NUCLEAR CO, AUG 1971.	57 1451	66
REFERENCES	57 1451	67
1. G.DESAUSSURE ET AL. ORNL-TM-1804 (1967)	57 1451	68
2. A.MICHAUDON, CEA-R 2552 (1964)	57 1451	69
3. J.BLONS ET AL, PROC. 2D INT CONF NUCL DATA FOR REACTORS,	57 1451	70
VOL 1 P.469 (1970)	57 1451	71
4. M.G.CAO ET AL, J.NUCL ENERGY VOL 22 P.211 (1968)	57 1451	72
A POTENTIAL SCATTERING CROSS SECTION OF 11.5 B. WAS USED IN THE	57 1451	73
ANALYSIS	57 1451	74
FILE 3, MT=2, CONTAINS THE DIFFERENCE BETWEEN THE SCATTERING AS	57 1451	75
CALCULATED WITH THE PARAMETERS OF FILE 2, USING THE SINGLE-LEVEL	57 1451	76
FORMULA, AND A MULTILEVEL CALCULATION. IN THE ML CALCULATION,	57 1451	77
SIMULATED RESONANCES WERE USED ABOVE AND BELOW THE RESONANCE	57 1451	78
REGION TO COMPENSATE FOR THE INTERFERENCE EFFECTS OF DISTANT	57 1451	79
RESONANCES.	57 1451	80
	57 1451	81
	57 1451	82
	57 1451	83
	57 1451	84
	57 1451	85
	57 1451	86
	57 1451	87
	57 1451	88
	57 1451	89

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* * * * *
UNRESOLVED RESONANCE PARAMETERS WERE OBTAINED BY T.PITTERLE(WARD) 57 1451 90
DOCUMENT AND REFERENCES TO BE PUBLISHED. ENERGY DEPENDENT AVERAGE 57 1451 91
RESONANCE PARAMETERS WERE OBTAINED AND ARE INCLUDED IN FILE 2 AS 57 1451 92
LRU= 2, LRF = 2. 57 1451 93
* * * * *
ENERGY DEPENDENCE OF NU TAKEN FROM KFK-120 PART-1 57 1451 94
SIMPLE FISSION SPECTRUM USED T= 1.30 MEV AT THERMAL 57 1451 95
T(E) FROM FORMULA BY TERRELL 3/2*T(E)=0.75 +0.65(NU(E)+1.0)**.5 57 1451 96
* * * * *
FISSION PRODUCT YIELD DATA FROM RECOMMENDED VALUES OF M.E.MEEK 57 1451 97
AND B.F.RIDER, APED-5398-A, REVISED (OCT.1968) 57 1451 98
YIELDS NORMALIZED FOR A SUM = 2.0000 57 1451 99
* * * * *
ANGULAR DISTRIBUTIONS FOR ELASTIC SCATTERING FROM EVAL. BY (AI) 57 1451 100
MT=251,252,253 CALC. FROM ANG. DISTR DATA 57 1451 101
ANG. DISTR. OF NEUTRONS FROM INELASTIC SCAT ASSUMED TO BE 57 1451 102
ISOTROPIC IN C.M. SYSTEM 57 1451 103
* * * * *
INFINITE DILUTION RESONANCE INTEGRALS (ABOVE 0.5 EV) 57 1451 104
FISSION= 57 1451 105
N.GAMMA= 57 1451 106
ELASTIC= 57 1451 107
* * * * *
INELASTIC LEVEL CROSS SECTION FROM EVAL. BY PARKER (AWRE 0-82/63) 57 1451 108
* * * * *
-----
1 451 148 57 1451 109
1 452 5 57 1451 110
1 453 11 57 1451 111
1 454 370 57 1451 112
2 151 421 57 1451 113
3 1 369 57 1451 114
3 2 333 57 1451 115
3 4 121 57 1451 116
3 16 21 57 1451 117
3 17 6 57 1451 118
3 18 292 57 1451 119
3 51 11 57 1451 120
3 52 21 57 1451 121
3 53 14 57 1451 122
3 54 14 57 1451 123
3 55 13 57 1451 124
3 56 13 57 1451 125
3 57 12 57 1451 126
3 58 12 57 1451 127
3 59 11 57 1451 128
3 60 10 57 1451 129
3 91 13 57 1451 130
3 102 283 57 1451 131
3 251 16 57 1451 132
3 252 16 57 1451 133
3 253 16 57 1451 134
4 2 196 57 1451 135
4 16 10 57 1451 136
4 17 10 57 1451 137
4 18 10 57 1451 138
4 51 10 57 1451 139
4 52 10 57 1451 140
4 53 10 57 1451 141
4 54 10 57 1451 142
4 55 10 57 1451 143
4 56 10 57 1451 144
4 57 10 57 1451 145
4 58 10 57 1451 146
4 59 10 57 1451 147
4 60 10 57 1451 148
4 91 10 57 1451 149
5 16 13 57 1451 150
5 17 9 57 1451 151

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			5		18		7		57	1451	160
			5		91		7		57	1451	161
			12		4		230		57	1451	162
			12		18		4		57	1451	163
			12		102		4		57	1451	164
			13		3		6		57	1451	165
			14		3		1		57	1451	166
			14		4		1		57	1451	167
			14		18		1		57	1451	168
			14		102		1		57	1451	169
			15		3		123		57	1451	170
			15		18		54		57	1451	171
			15		102		45		57	1451	172
									57	1	0
9.22350+	4	2.33025+	2	0	2	0	0	0	57	1452	174
0.00000+	0	0.00000+	0	0	0	1	6	6	57	1452	175
	6	2							57	1452	176
1.00000-	5	2.42300+	0	2.50000+	6	2.69500+	0	2.00000+	6	2.73700+	0
4.00000+	6	2.92710+	0	8.00000+	6	3.65760+	0	1.50000+	7	4.52920+	0
									57	1	0
9.22350+	4	2.33025+	2	0	0	1	0	0	57	1453	180
9.22350+	4	2.33025+	2	0	0	2	4	4	57	1453	181
1.00000-	5	2.00000+	7	0	0	5	0	0	57	1453	182
4.67990+	6	0.00000+	0	0	0	5	0	0	57	1453	183
0.00000+	0	9.02310+	4	3.08130-17	1.00000+	0	1.00000+	0	57	1453	184
0.00000+	0	5.23000+	6	0	0	5	0	0	57	1453	185
1.60000+	1	9.22340+	4	8.85890-14	1.00000+	0	1.00000+	0	57	1453	186
0.00000+	0	1.18500+	7	0	0	5	0	0	57	1453	187
1.70000+	1	9.22330+	4	1.61540-13	1.00000+	0	1.00000+	0	57	1453	188
0.00000+	0	6.54510+	6	0	0	5	0	0	57	1453	189
1.02000+	2	9.22360+	4	9.19250-16	1.00000+	0	1.00000+	0	57	1453	190
									57	1	0
9.22350+	4	2.33025+	2	3	0	0	0	0	57	1454	192
1.00000-	5	0.00000+	0	2	0	732	244	244	57	1454	193
3.00720+	4	0.00000+	0	1.59540-	7	3.00730+	4	0.00000+	0	1.09690-	6
3.10740+	4	0.00000+	0	3.49000-	6	3.10770+	4	0.00000+	0	1.19660-	5
3.10760+	4	0.00000+	0	3.49000-	5	3.10770+	4	0.00000+	0	4.78630-	5
3.20750+	4	0.00000+	0	0.00000+	0	3.20760+	4	0.00000+	0	0.00000+	0
3.20770+	4	0.00000+	0	3.49000-	5	3.20780+	4	0.00000+	0	1.99430-	4
3.30750+	4	0.00000+	0	0.00000+	0	3.30770+	4	0.00000+	0	0.00000+	0
3.30780+	4	0.00000+	0	0.00000+	0	3.30790+	4	0.00000+	0	5.58400-	4
3.30800+	4	0.00000+	0	9.37310-	4	3.30810+	4	0.00000+	0	1.79490-	3
3.40810+	4	0.00000+	0	0.00000+	0	3.40820+	4	0.00000+	0	2.39310-	3
3.40830+	4	0.00000+	0	5.18510-	3	3.40840+	4	0.00000+	0	9.27340-	3
3.40850+	4	0.00000+	0	1.09690-	2	3.50800+	4	0.00000+	0	9.97140-	8
3.50820+	4	0.00000+	0	3.98860-	7	3.50830+	4	0.00000+	0	0.00000+	0
3.50840+	4	0.00000+	0	1.89460-	4	3.50850+	4	0.00000+	0	1.99430-	3
3.60840+	4	0.00000+	0	2.09400-	4	3.60850+	4	0.00000+	0	0.00000+	0
3.60860+	4	0.00000+	0	1.88460-	2	3.60870+	4	0.00000+	0	2.52280-	2
3.60880+	4	0.00000+	0	3.54980-	2	3.60890+	4	0.00000+	0	4.57690-	2
3.60900+	4	0.00000+	0	4.98570-	2	3.60910+	4	0.00000+	0	3.44010-	2
3.60920+	4	0.00000+	0	1.86470-	2	3.60930+	4	0.00000+	0	4.78630-	3
3.60940+	4	0.00000+	0	9.97140-	4	3.60950+	4	0.00000+	0	6.98000-	5
3.60970+	4	0.00000+	0	5.98280-	7	3.70850+	4	0.00000+	0	2.59260-	7
3.70870+	4	0.00000+	0	0.00000+	0	3.70880+	4	0.00000+	0	1.99430-	4
3.70890+	4	0.00000+	0	1.69510-	3	3.70900+	4	0.00000+	0	8.07680-	3
3.70910+	4	0.00000+	0	1.97430-	2	3.70920+	4	0.00000+	0	2.62250-	2
3.70930+	4	0.00000+	0	3.11110-	2	3.70940+	4	0.00000+	0	1.89460-	2
3.70950+	4	0.00000+	0	6.71080-	3	3.70970+	4	0.00000+	0	9.37310-	6
3.80900+	4	0.00000+	0	1.99430-	4	3.80910+	4	0.00000+	0	3.78910-	3
3.80920+	4	0.00000+	0	7.97710-	3	3.80930+	4	0.00000+	0	2.29340-	2
3.80940+	4	0.00000+	0	2.59260-	2	3.80950+	4	0.00000+	0	3.31050-	2
3.80970+	4	0.00000+	0	6.07260-	3	3.90910+	4	0.00000+	0	8.97430-	4
3.90920+	4	0.00000+	0	5.98280-	3	3.90930+	4	0.00000+	0	1.99430-	3
3.90940+	4	0.00000+	0	7.97710-	3	3.90950+	4	0.00000+	0	2.09400-	2
3.90960+	4	0.00000+	0	5.68370-	2	3.90970+	4	0.00000+	0	3.87890-	2
4.00920+	4	0.00000+	0	7.97710-	4	4.00930+	4	0.00000+	0	2.89170-	3
4.00940+	4	0.00000+	0	1.03700-	2	4.00950+	4	0.00000+	0	9.97140-	4
4.00960+	4	0.00000+	0	5.88310-	3	4.00970+	4	0.00000+	0	1.39600-	2
4.00980+	4	0.00000+	0	5.48430-	2	4.00990+	4	0.00000+	0	4.78630-	2
4.10950+	4	0.00000+	0	2.09400-	3	4.10960+	4	0.00000+	0	5.88310-	6

4.10970+	4	0.00000+	0	2.99140-	3	4.10980+	4	0.00000+	0	3.58970-	3	57	1454	231
4.10990+	4	0.00000+	0	9.97140-	3	4.11000+	4	0.00000+	0	6.18230-	2	57	1454	232
4.11010+	4	0.00000+	0	4.48710-	2	4.20970+	4	0.00000+	0	9.97140-	5	57	1454	233
4.20990+	4	0.00000+	0	3.58970-	3	4.21000+	4	0.00000+	0	2.39310-	3	57	1454	234
4.21010+	4	0.00000+	0	4.98570-	3	4.21020+	4	0.00000+	0	4.15810-	2	57	1454	235
4.21030+	4	0.00000+	0	2.99140-	2	4.21040+	4	0.00000+	0	1.67520-	2	57	1454	236
4.21050+	4	0.00000+	0	8.97430-	3	4.31000+	4	0.00000+	0	1.89460-	5	57	1454	237
4.31010+	4	0.00000+	0	1.99430-	4	4.31020+	4	0.00000+	0	0.00000+	0	57	1454	238
4.31030+	4	0.00000+	0	0.00000+	0	4.31040+	4	0.00000+	0	1.29630-	3	57	1454	239
4.31050+	4	0.00000+	0	0.00000+	0	4.31050+	4	0.00000+	0	3.88880-	3	57	1454	240
4.31070+	4	0.00000+	0	1.79490-	3	4.31080+	4	0.00000+	0	5.58400-	4	57	1454	241
4.41040+	4	0.00000+	0	0.00000+	0	4.41050+	4	0.00000+	0	0.00000+	0	57	1454	242
4.41060+	4	0.00000+	0	8.97430-	5	4.41070+	4	0.00000+	0	9.97140-	5	57	1454	243
4.41080+	4	0.00000+	0	1.39600-	4	4.51020+	4	0.00000+	0	7.97710-	9	57	1454	244
4.51090+	4	0.00000+	0	2.99140-	4	4.51100+	4	0.00000+	0	1.79490-	4	57	1454	245
4.51110+	4	0.00000+	0	1.89460-	4	4.61110+	4	0.00000+	0	0.00000+	0	57	1454	246
4.61120+	4	0.00000+	0	9.97140-	5	4.61130+	4	0.00000+	0	1.59540-	4	57	1454	247
4.61140+	4	0.00000+	0	1.39600-	4	4.61150+	4	0.00000+	0	9.27340-	5	57	1454	248
4.61160+	4	0.00000+	0	1.59540-	4	4.61170+	4	0.00000+	0	7.57830-	5	57	1454	249
4.71110+	4	0.00000+	0	0.00000+	0	4.71140+	4	0.00000+	0	0.00000+	0	57	1454	250
4.71150+	4	0.00000+	0	1.09690-	5	4.71180+	4	0.00000+	0	1.99430-	5	57	1454	251
4.71170+	4	0.00000+	0	3.39030-	5	4.71180+	4	0.00000+	0	1.39600-	4	57	1454	252
4.81160+	4	0.00000+	0	0.00000+	0	4.81170+	4	0.00000+	0	0.00000+	0	57	1454	253
4.81180+	4	0.00000+	0	0.00000+	0	4.81190+	4	0.00000+	0	1.39600-	4	57	1454	254
4.81200+	4	0.00000+	0	1.29630-	4	4.81210+	4	0.00000+	0	1.29630-	4	57	1454	255
4.91200+	4	0.00000+	0	9.97140-	6	4.91210+	4	0.00000+	0	9.97140-	6	57	1454	256
4.91230+	4	0.00000+	0	1.59540-	4	5.01210+	4	0.00000+	0	0.00000+	0	57	1454	257
5.01220+	4	0.00000+	0	1.49570-	4	5.01230+	4	0.00000+	0	0.00000+	0	57	1454	258
5.01240+	4	0.00000+	0	1.79490-	4	5.01250+	4	0.00000+	0	1.93450-	4	57	1454	259
5.01260+	4	0.00000+	0	3.09110-	4	5.01270+	4	0.00000+	0	1.09690-	3	57	1454	260
5.01280+	4	0.00000+	0	3.68940-	3	5.01290+	4	0.00000+	0	4.48710-	3	57	1454	261
5.01300+	4	0.00000+	0	1.09690-	2	5.01310+	4	0.00000+	0	1.27630-	2	57	1454	262
5.01320+	4	0.00000+	0	5.88310-	3	5.01330+	4	0.00000+	0	1.49570-	4	57	1454	263
5.11240+	4	0.00000+	0	1.99430-	7	5.11250+	4	0.00000+	0	1.59540-	5	57	1454	264
5.11260+	4	0.00000+	0	9.97140-	6	5.11270+	4	0.00000+	0	2.69230-	4	57	1454	265
5.11280+	4	0.00000+	0	8.97430-	4	5.11290+	4	0.00000+	0	5.48430-	3	57	1454	266
5.11300+	4	0.00000+	0	8.97430-	3	5.11310+	4	0.00000+	0	1.41590-	2	57	1454	267
5.11320+	4	0.00000+	0	2.75210-	2	5.11330+	4	0.00000+	0	3.37530-	2	57	1454	268
5.11340+	4	0.00000+	0	3.19090-	3	5.11350+	4	0.00000+	0	7.47860-	3	57	1454	269
5.21270+	4	0.00000+	0	0.00000+	0	5.21280+	4	0.00000+	0	0.00000+	0	57	1454	270
5.21290+	4	0.00000+	0	0.00000+	0	5.21300+	4	0.00000+	0	9.97140-	4	57	1454	271
5.21310+	4	0.00000+	0	2.02420-	3	5.21320+	4	0.00000+	0	9.07400-	3	57	1454	272
5.21330+	4	0.00000+	0	3.28060-	2	5.21340+	4	0.00000+	0	6.56120-	2	57	1454	273
5.21350+	4	0.00000+	0	2.64240-	2	5.31280+	4	0.00000+	0	3.78910-	7	57	1454	274
5.31290+	4	0.00000+	0	0.00000+	0	5.31300+	4	0.00000+	0	1.16670-	5	57	1454	275
5.31310+	4	0.00000+	0	6.98000-	5	5.31320+	4	0.00000+	0	0.00000+	0	57	1454	276
5.31330+	4	0.00000+	0	0.00000+	0	5.31340+	4	0.00000+	0	8.97430-	3	57	1454	277
5.31350+	4	0.00000+	0	2.76210-	2	5.41340+	4	0.00000+	0	0.00000+	0	57	1454	278
5.41350+	4	0.00000+	0	1.29630-	3	5.41350+	4	0.00000+	0	6.44150-	2	57	1454	279
5.41370+	4	0.00000+	0	5.98280-	2	5.41380+	4	0.00000+	0	5.88310-	2	57	1454	280
5.41390+	4	0.00000+	0	5.38460-	2	5.41400+	4	0.00000+	0	3.78910-	2	57	1454	281
5.41410+	4	0.00000+	0	1.32620-	2	5.41420+	4	0.00000+	0	3.49000-	3	57	1454	282
5.41430+	4	0.00000+	0	5.08540-	4	5.41440+	4	0.00000+	0	5.98280-	5	57	1454	283
5.51350+	4	0.00000+	0	1.29630-	3	5.51360+	4	0.00000+	0	5.98280-	5	57	1454	284
5.51370+	4	0.00000+	0	1.99430-	3	5.51380+	4	0.00000+	0	7.97710-	3	57	1454	285
5.51390+	4	0.00000+	0	1.06690-	2	5.51400+	4	0.00000+	0	2.09400-	2	57	1454	286
5.51410+	4	0.00000+	0	3.26070-	2	5.51420+	4	0.00000+	0	2.94160-	2	57	1454	287
5.51430+	4	0.00000+	0	1.54440-	2	5.51440+	4	0.00000+	0	4.92590-	3	57	1454	288
5.61360+	4	0.00000+	0	0.00000+	0	5.61370+	4	0.00000+	0	0.00000+	0	57	1454	289
5.61380+	4	0.00000+	0	9.97140-	5	5.61390+	4	0.00000+	0	9.97140-	5	57	1454	290
5.61400+	4	0.00000+	0	3.98860-	3	5.61410+	4	0.00000+	0	1.49570-	2	57	1454	291
5.61420+	4	0.00000+	0	2.48290-	2	5.61430+	4	0.00000+	0	3.58970-	2	57	1454	292
5.61440+	4	0.00000+	0	3.68940-	2	5.71400+	4	0.00000+	0	3.98860-	4	57	1454	293
5.71410+	4	0.00000+	0	0.00000+	0	5.71420+	4	0.00000+	0	4.98570-	4	57	1454	294
5.71430+	4	0.00000+	0	6.78060-	3	5.71440+	4	0.00000+	0	9.97140-	3	57	1454	295
5.81420+	4	0.00000+	0	5.98280-	4	5.81430+	4	0.00000+	0	2.99140-	4	57	1454	296
5.81440+	4	0.00000+	0	1.99430-	3	5.81450+	4	0.00000+	0	3.86890-	2	57	1454	297
5.81460+	4	0.00000+	0	2.87180-	2	5.81470+	4	0.00000+	0	1.99430-	2	57	1454	298
5.81480+	4	0.00000+	0	1.29630-	2	5.91450+	4	0.00000+	0	1.99430-	4	57	1454	299
5.91460+	4	0.00000+	0	6.98000-	4	5.91470+	4	0.00000+	0	1.89460-	3	57	1454	300
5.91480+	4	0.00000+	0	3.49000-	3	6.01480+	4	0.00000+	0	1.99430-	4	57	1454	301

6.01490+	4	0.00000+	0	1.03700-	2	6.01500+	4	0.00000+	0	6.48140-	3	57	1454	302
6.01510+	4	0.00000+	0	4.18800-	3	6.11480+	4	0.00000+	0	1.99430-	6	57	1454	303
6.11490+	4	0.00000+	0	0.00000+	0	6.11500+	4	0.00000+	0	1.39600-	5	57	1454	304
6.11510+	4	0.00000+	0	9.97140-	5	6.11520+	4	0.00000+	0	2.39310-	3	57	1454	305
6.11540+	4	0.00000+	0	5.98280-	4	6.21520+	4	0.00000+	0	0.00000+	0	57	1454	306
6.21530+	4	0.00000+	0	1.57550-	3	6.21540+	4	0.00000+	0	3.98860-	5	57	1454	307
6.21550+	4	0.00000+	0	3.09110-	4	6.21590+	4	0.00000+	0	1.29630-	4	57	1454	308
6.21570+	4	0.00000+	0	5.68370-	5	6.31540+	4	0.00000+	0	5.98280-	7	57	1454	309
6.31550+	4	0.00000+	0	0.00000+	0	6.31590+	4	0.00000+	0	3.98860-	6	57	1454	310
6.31570+	4	0.00000+	0	8.97430-	6	6.31580+	4	0.00000+	0	3.68940-	5	57	1454	311
6.31590+	4	0.00000+	0	1.04700-	5	6.31600+	4	0.00000+	0	2.49290-	6	57	1454	312
6.41580+	4	0.00000+	0	0.00000+	0	6.41590+	4	0.00000+	0	0.00000+	0	57	1454	313
6.41600+	4	0.00000+	0	7.97710-	7	6.41610+	4	0.00000+	0	7.77770-	7	57	1454	314
6.51600+	4	0.00000+	0	2.99140-	8	6.51610+	4	0.00000+	0	3.98860-	8	57	1454	315
1.95000+	6	0.00000+	0		2		0		732		244	57	1454	316
3.00720+	4	0.00000+	0	0.00000+	0	3.00730+	4	0.00000+	0	0.00000+	0	57	1454	317
3.10740+	4	0.00000+	0	1.43090-	5	3.10790+	4	0.00000+	0	1.75220-	4	57	1454	318
3.10760+	4	0.00000+	0	2.72560-	4	3.10710+	4	0.00000+	0	4.08840-	4	57	1454	319
3.20750+	4	0.00000+	0	0.00000+	0	3.20790+	4	0.00000+	0	1.94690-	5	57	1454	320
3.20770+	4	0.00000+	0	5.84060-	5	3.20780+	4	0.00000+	0	7.20340-	4	57	1454	321
3.30750+	4	0.00000+	0	0.00000+	0	3.30710+	4	0.00000+	0	0.00000+	0	57	1454	322
3.30780+	4	0.00000+	0	1.94690-	5	3.30790+	4	0.00000+	0	1.16810-	3	57	1454	323
3.30800+	4	0.00000+	0	1.84950-	3	3.30810+	4	0.00000+	0	2.92030-	3	57	1454	324
3.40810+	4	0.00000+	0	9.73430-	5	3.40820+	4	0.00000+	0	4.18570-	3	57	1454	325
3.40830+	4	0.00000+	0	5.64590-	3	3.40840+	4	0.00000+	0	1.01240-	2	57	1454	326
3.40850+	4	0.00000+	0	1.15840-	2	3.50800+	4	0.00000+	0	0.00000+	0	57	1454	327
3.50820+	4	0.00000+	0	0.00000+	0	3.50830+	4	0.00000+	0	3.40700-	4	57	1454	328
3.50840+	4	0.00000+	0	2.92030-	4	3.50850+	4	0.00000+	0	2.82290-	3	57	1454	329
3.60840+	4	0.00000+	0	0.00000+	0	3.60890+	4	0.00000+	0	9.73430-	5	57	1454	330
3.60860+	4	0.00000+	0	1.87870-	2	3.60810+	4	0.00000+	0	2.58930-	2	57	1454	331
3.60880+	4	0.00000+	0	3.40700-	2	3.60890+	4	0.00000+	0	4.47780-	2	57	1454	332
3.60900+	4	0.00000+	0	4.18570-	2	3.60910+	4	0.00000+	0	3.50430-	2	57	1454	333
3.60920+	4	0.00000+	0	2.72560-	2	3.60930+	4	0.00000+	0	1.75220-	2	57	1454	334
3.60940+	4	0.00000+	0	8.46880-	3	3.60990+	4	0.00000+	0	4.18570-	3	57	1454	335
3.60970+	4	0.00000+	0	0.00000+	0	3.70880+	4	0.00000+	0	0.00000+	0	57	1454	336
3.70870+	4	0.00000+	0	0.00000+	0	3.70880+	4	0.00000+	0	1.26550-	3	57	1454	337
3.70890+	4	0.00000+	0	3.89370-	3	3.70900+	4	0.00000+	0	8.76080-	3	57	1454	338
3.70910+	4	0.00000+	0	1.65490-	2	3.70920+	4	0.00000+	0	2.33620-	2	57	1454	339
3.70930+	4	0.00000+	0	2.82290-	2	3.70940+	4	0.00000+	0	2.65750-	2	57	1454	340
3.70950+	4	0.00000+	0	2.20970-	2	3.70910+	4	0.00000+	0	6.61930-	3	57	1454	341
3.80900+	4	0.00000+	0	3.89370-	4	3.80910+	4	0.00000+	0	1.94690-	3	57	1454	342
3.80920+	4	0.00000+	0	5.84060-	3	3.80930+	4	0.00000+	0	1.26550-	2	57	1454	343
3.80940+	4	0.00000+	0	2.14150-	2	3.80990+	4	0.00000+	0	2.82290-	2	57	1454	344
3.80970+	4	0.00000+	0	2.64770-	2	3.90910+	4	0.00000+	0	0.00000+	0	57	1454	345
3.90920+	4	0.00000+	0	0.00000+	0	3.90930+	4	0.00000+	0	9.73430-	4	57	1454	346
3.90940+	4	0.00000+	0	3.89370-	3	3.90990+	4	0.00000+	0	1.07080-	2	57	1454	347
3.90960+	4	0.00000+	0	5.93790-	2	3.90970+	4	0.00000+	0	2.62830-	2	57	1454	348
4.00920+	4	0.00000+	0	0.00000+	0	4.00930+	4	0.00000+	0	0.00000+	0	57	1454	349
4.00940+	4	0.00000+	0	0.00000+	0	4.00990+	4	0.00000+	0	0.00000+	0	57	1454	350
4.00960+	4	0.00000+	0	2.92030-	3	4.00910+	4	0.00000+	0	6.52200-	3	57	1454	351
4.00980+	4	0.00000+	0	5.54850-	2	4.00990+	4	0.00000+	0	4.76980-	2	57	1454	352
4.10950+	4	0.00000+	0	0.00000+	0	4.10990+	4	0.00000+	0	0.00000+	0	57	1454	353
4.10970+	4	0.00000+	0	0.00000+	0	4.10980+	4	0.00000+	0	3.89370-	3	57	1454	354
4.10990+	4	0.00000+	0	9.73430-	3	4.11000+	4	0.00000+	0	5.35380-	2	57	1454	355
4.11010+	4	0.00000+	0	4.47780-	2	4.20970+	4	0.00000+	0	0.00000+	0	57	1454	356
4.20990+	4	0.00000+	0	0.00000+	0	4.21000+	4	0.00000+	0	0.00000+	0	57	1454	357
4.21010+	4	0.00000+	0	7.78740-	3	4.21020+	4	0.00000+	0	4.38040-	2	57	1454	358
4.21030+	4	0.00000+	0	3.11500-	2	4.21040+	4	0.00000+	0	1.83980-	2	57	1454	359
4.21050+	4	0.00000+	0	1.26550-	2	4.31000+	4	0.00000+	0	0.00000+	0	57	1454	360
4.31010+	4	0.00000+	0	5.84060-	4	4.31020+	4	0.00000+	0	1.46010-	3	57	1454	361
4.31030+	4	0.00000+	0	2.92030-	3	4.31040+	4	0.00000+	0	4.28310-	3	57	1454	362
4.31050+	4	0.00000+	0	1.94690-	3	4.31090+	4	0.00000+	0	8.95550-	3	57	1454	363
4.31070+	4	0.00000+	0	3.30970-	3	4.31080+	4	0.00000+	0	2.14150-	3	57	1454	364
4.41040+	4	0.00000+	0	1.94690-	4	4.41090+	4	0.00000+	0	0.00000+	0	57	1454	365
4.41060+	4	0.00000+	0	4.86710-	4	4.41010+	4	0.00000+	0	1.94690-	4	57	1454	366
4.41080+	4	0.00000+	0	1.94690-	4	4.51020+	4	0.00000+	0	0.00000+	0	57	1454	367
4.51090+	4	0.00000+	0	1.42120-	3	4.51100+	4	0.00000+	0	1.07080-	3	57	1454	368
4.51110+	4	0.00000+	0	4.47780-	4	4.61110+	4	0.00000+	0	0.00000+	0	57	1454	369
4.61120+	4	0.00000+	0	3.89370-	4	4.61130+	4	0.00000+	0	3.32910-	4	57	1454	370
4.61140+	4	0.00000+	0	3.29020-	4	4.61190+	4	0.00000+	0	3.01760-	4	57	1454	371

4.61160+	4	0.00000+	0	2.96900-	4	4.61170+	4	0.00000+	0	2.53090-	4	57	1454	372	
4.71110+	4	0.00000+	0	0.00000+	0	4.71140+	4	0.00000+	0	3.89370-	6	57	1454	373	
4.71150+	4	0.00000+	0	2.92030-	5	4.71160+	4	0.00000+	0	5.15920-	5	57	1454	374	
4.71170+	4	0.00000+	0	9.73430-	5	4.71180+	4	0.00000+	0	3.40700-	4	57	1454	375	
4.81160+	4	0.00000+	0	9.73430-	7	4.81170+	4	0.00000+	0	1.94690-	5	57	1454	376	
4.81180+	4	0.00000+	0	4.86710-	5	4.81190+	4	0.00000+	0	3.69900-	4	57	1454	377	
4.81200+	4	0.00000+	0	3.60170-	4	4.81210+	4	0.00000+	0	3.40700-	4	57	1454	378	
4.91200+	4	0.00000+	0	1.94690-	5	4.91210+	4	0.00000+	0	4.86710-	5	57	1454	379	
4.91230+	4	0.00000+	0	8.37150-	4	5.01210+	4	0.00000+	0	9.73430-	6	57	1454	380	
5.01220+	4	0.00000+	0	6.03520-	4	5.01230+	4	0.00000+	0	7.78740-	5	57	1454	381	
5.01240+	4	0.00000+	0	1.26550-	3	5.01250+	4	0.00000+	0	7.59270-	4	57	1454	382	
5.01260+	4	0.00000+	0	2.92030-	3	5.01270+	4	0.00000+	0	3.30970-	3	57	1454	383	
5.01280+	4	0.00000+	0	5.06180-	3	5.01290+	4	0.00000+	0	7.00870-	3	57	1454	384	
5.01300+	4	0.00000+	0	8.46880-	3	5.01310+	4	0.00000+	0	1.20700-	2	57	1454	385	
5.01320+	4	0.00000+	0	9.73430-	3	5.01330+	4	0.00000+	0	6.81400-	3	57	1454	386	
5.11240+	4	0.00000+	0	1.26550-	5	5.11250+	4	0.00000+	0	1.28490-	3	57	1454	387	
5.11260+	4	0.00000+	0	3.89370-	4	5.11270+	4	0.00000+	0	1.16810-	3	57	1454	388	
5.11280+	4	0.00000+	0	1.65480-	3	5.11290+	4	0.00000+	0	4.67240-	3	57	1454	389	
5.11300+	4	0.00000+	0	9.05290-	3	5.11310+	4	0.00000+	0	1.36280-	2	57	1454	390	
5.11320+	4	0.00000+	0	2.23890-	2	5.11330+	4	0.00000+	0	2.62830-	2	57	1454	391	
5.11340+	4	0.00000+	0	1.55750-	2	5.11350+	4	0.00000+	0	7.00870-	3	57	1454	392	
5.21270+	4	0.00000+	0	9.73430-	5	5.21280+	4	0.00000+	0	1.94690-	4	57	1454	393	
5.21290+	4	0.00000+	0	9.73430-	4	5.21300+	4	0.00000+	0	2.92030-	3	57	1454	394	
5.21310+	4	0.00000+	0	4.86710-	3	5.21320+	4	0.00000+	0	1.55750-	2	57	1454	395	
5.21330+	4	0.00000+	0	3.20240-	2	5.21340+	4	0.00000+	0	3.21230-	2	57	1454	396	
5.21350+	4	0.00000+	0	2.60880-	2	5.31280+	4	0.00000+	0	0.00000+	0	57	1454	397	
5.31290+	4	0.00000+	0	0.00000+	0	5.31300+	4	0.00000+	0	5.84060-	5	57	1454	398	
5.31310+	4	0.00000+	0	9.73430-	5	5.31320+	4	0.00000+	0	0.00000+	0	57	1454	399	
5.31330+	4	0.00000+	0	0.00000+	0	5.31340+	4	0.00000+	0	1.84950-	2	57	1454	400	
5.31350+	4	0.00000+	0	2.53090-	2	5.41340+	4	0.00000+	0	2.82290-	3	57	1454	401	
5.41350+	4	0.00000+	0	4.86710-	3	5.41360+	4	0.00000+	0	5.77240-	2	57	1454	402	
5.41370+	4	0.00000+	0	5.25650-	2	5.41380+	4	0.00000+	0	4.67240-	2	57	1454	403	
5.41390+	4	0.00000+	0	3.21230-	2	5.41400+	4	0.00000+	0	2.04420-	2	57	1454	404	
5.41410+	4	0.00000+	0	1.16810-	2	5.41420+	4	0.00000+	0	5.06180-	3	57	1454	405	
5.41430+	4	0.00000+	0	1.75220-	3	5.41440+	4	0.00000+	0	1.16810-	4	57	1454	406	
5.51350+	4	0.00000+	0	3.89370-	4	5.51360+	4	0.00000+	0	3.60170-	3	57	1454	407	
5.51370+	4	0.00000+	0	8.27410-	3	5.51380+	4	0.00000+	0	1.60620-	2	57	1454	408	
5.51390+	4	0.00000+	0	2.23890-	2	5.51400+	4	0.00000+	0	2.53090-	2	57	1454	409	
5.51410+	4	0.00000+	0	2.82290-	2	5.51420+	4	0.00000+	0	2.21940-	2	57	1454	410	
5.51430+	4	0.00000+	0	1.38230-	2	5.51440+	4	0.00000+	0	6.98920-	3	57	1454	411	
5.61360+	4	0.00000+	0	0.00000+	0	5.61370+	4	0.00000+	0	0.00000+	0	57	1454	412	
5.61380+	4	0.00000+	0	1.46010-	3	5.61390+	4	0.00000+	0	4.86710-	3	57	1454	413	
5.61400+	4	0.00000+	0	9.73430-	3	5.61410+	4	0.00000+	0	1.84950-	2	57	1454	414	
5.61420+	4	0.00000+	0	2.33620-	2	5.61430+	4	0.00000+	0	2.62830-	2	57	1454	415	
5.61440+	4	0.00000+	0	2.20970-	2	5.71400+	4	0.00000+	0	0.00000+	0	57	1454	416	
5.71410+	4	0.00000+	0	2.92030-	3	5.71420+	4	0.00000+	0	6.03520-	3	57	1454	417	
5.71430+	4	0.00000+	0	1.36280-	2	5.71440+	4	0.00000+	0	1.75220-	2	57	1454	418	
5.81420+	4	0.00000+	0	0.00000+	0	5.81430+	4	0.00000+	0	9.73430-	4	57	1454	419	
5.81440+	4	0.00000+	0	3.40700-	3	5.81450+	4	0.00000+	0	3.73800-	2	57	1454	420	
5.81460+	4	0.00000+	0	2.82290-	2	5.81470+	4	0.00000+	0	2.04420-	2	57	1454	421	
5.81480+	4	0.00000+	0	1.36280-	2	5.91450+	4	0.00000+	0	9.73430-	5	57	1454	422	
5.91460+	4	0.00000+	0	9.73430-	4	5.91470+	4	0.00000+	0	1.94690-	3	57	1454	423	
5.91480+	4	0.00000+	0	3.21230-	3	6.01480+	4	0.00000+	0	1.94690-	4	57	1454	424	
6.01490+	4	0.00000+	0	1.11940-	2	6.01500+	4	0.00000+	0	8.09890-	3	57	1454	425	
6.01510+	4	0.00000+	0	3.79640-	3	6.11480+	4	0.00000+	0	0.00000+	0	57	1454	426	
6.11490+	4	0.00000+	0	9.73430-	5	6.11500+	4	0.00000+	0	3.69900-	4	57	1454	427	
6.11510+	4	0.00000+	0	4.67240-	4	6.11520+	4	0.00000+	0	2.97870-	3	57	1454	428	
6.11540+	4	0.00000+	0	8.66350-	4	6.21520+	4	0.00000+	0	2.92030-	5	57	1454	429	
6.21530+	4	0.00000+	0	2.04420-	3	6.21540+	4	0.00000+	0	8.76080-	5	57	1454	430	
6.21550+	4	0.00000+	0	6.91130-	4	6.21560+	4	0.00000+	0	2.33620-	4	57	1454	431	
6.21570+	4	0.00000+	0	1.46010-	4	6.31540+	4	0.00000+	0	0.00000+	0	57	1454	432	
6.31550+	4	0.00000+	0	0.00000+	0	6.31550+	4	0.00000+	0	9.73430-	6	57	1454	433	
6.31570+	4	0.00000+	0	1.94690-	5	6.31580+	4	0.00000+	0	7.98210-	5	57	1454	434	
6.31590+	4	0.00000+	0	3.30970-	5	6.31600+	4	0.00000+	0	1.16810-	5	57	1454	435	
6.31600+	4	0.00000+	0	3.89370-	8	6.41580+	4	0.00000+	0	1.94690-	6	57	1454	436	
6.41590+	4	0.00000+	0	0.00000+	0	6.41600+	4	0.00000+	0	1.94690-	6	57	1454	437	
6.41610+	4	0.00000+	0	4.47780-	6	6.51610+	4	0.00000+	0	0.00000+	0	57	1454	438	
1.50000+	7	0.00000+	0		2								57	1454	439
3.00720+	4	0.00000+	0	0.00000+	0	3.00730+	4	0.00000+	0	0.00000+	0	57	1454	440	
3.10740+	4	0.00000+	0	2.59720-	4	3.10750+	4	0.00000+	0	3.82230-	4	57	1454	441	
3.10760+	4	0.00000+	0	5.39040-	4	3.10770+	4	0.00000+	0	6.46850-	4	57	1454	442	

3.20750+	4	0.00000+	0	1.96020-	5	3.20750+	4	0.00000+	0	6.86050-	5	57	1454	443
3.20770+	4	0.00000+	0	1.76410-	4	3.20780+	4	0.00000+	0	9.80080-	4	57	1454	444
3.30750+	4	0.00000+	0	0.00000+	0	3.30770+	4	0.00000+	0	9.80080-	6	57	1454	445
3.30780+	4	0.00000+	0	9.80080-	5	3.30790+	4	0.00000+	0	1.66610-	3	57	1454	446
3.30800+	4	0.00000+	0	1.86210-	3	3.30810+	4	0.00000+	0	2.25420-	3	57	1454	447
3.40810+	4	0.00000+	0	1.96020-	4	3.40820+	4	0.00000+	0	3.72430-	3	57	1454	448
3.40830+	4	0.00000+	0	1.06820-	2	3.40840+	4	0.00000+	0	1.27410-	2	57	1454	449
3.40850+	4	0.00000+	0	1.30350-	2	3.50800+	4	0.00000+	0	0.00000+	0	57	1454	450
3.50820+	4	0.00000+	0	3.92030-	5	3.50830+	4	0.00000+	0	6.86050-	4	57	1454	451
3.50840+	4	0.00000+	0	1.96020-	3	3.50850+	4	0.00000+	0	5.97850-	3	57	1454	452
3.60840+	4	0.00000+	0	0.00000+	0	3.60850+	4	0.00000+	0	5.88050-	4	57	1454	453
3.60860+	4	0.00000+	0	2.45020-	2	3.60870+	4	0.00000+	0	2.94020-	2	57	1454	454
3.60880+	4	0.00000+	0	3.23420-	2	3.60890+	4	0.00000+	0	3.62630-	2	57	1454	455
3.60900+	4	0.00000+	0	3.03820-	2	3.60910+	4	0.00000+	0	1.76410-	2	57	1454	456
3.60920+	4	0.00000+	0	7.35060-	3	3.60930+	4	0.00000+	0	1.86210-	3	57	1454	457
3.60940+	4	0.00000+	0	3.52830-	3	3.60950+	4	0.00000+	0	9.80080-	4	57	1454	458
3.60970+	4	0.00000+	0	0.00000+	0	3.70880+	4	0.00000+	0	0.00000+	0	57	1454	459
3.70870+	4	0.00000+	0	9.80080-	4	3.70880+	4	0.00000+	0	2.94020-	3	57	1454	460
3.70890+	4	0.00000+	0	6.86050-	3	3.70900+	4	0.00000+	0	1.17610-	2	57	1454	461
3.70910+	4	0.00000+	0	2.54820-	2	3.70920+	4	0.00000+	0	2.98920-	2	57	1454	462
3.70930+	4	0.00000+	0	2.75400-	2	3.70940+	4	0.00000+	0	1.70530-	2	57	1454	463
3.70950+	4	0.00000+	0	1.07810-	2	3.70970+	4	0.00000+	0	0.00000+	0	57	1454	464
3.80900+	4	0.00000+	0	1.96020-	3	3.80910+	4	0.00000+	0	4.90040-	3	57	1454	465
3.80920+	4	0.00000+	0	9.80080-	3	3.80930+	4	0.00000+	0	1.56810-	2	57	1454	466
3.80940+	4	0.00000+	0	2.05820-	2	3.80950+	4	0.00000+	0	2.25420-	2	57	1454	467
3.80970+	4	0.00000+	0	3.03820-	3	3.90910+	4	0.00000+	0	0.00000+	0	57	1454	468
3.90920+	4	0.00000+	0	0.00000+	0	3.90930+	4	0.00000+	0	2.94020-	3	57	1454	469
3.90940+	4	0.00000+	0	6.86050-	3	3.90950+	4	0.00000+	0	1.17610-	2	57	1454	470
3.90960+	4	0.00000+	0	4.41030-	2	3.90970+	4	0.00000+	0	1.85230-	2	57	1454	471
4.00920+	4	0.00000+	0	0.00000+	0	4.00930+	4	0.00000+	0	0.00000+	0	57	1454	472
4.00940+	4	0.00000+	0	0.00000+	0	4.00950+	4	0.00000+	0	9.80080-	4	57	1454	473
4.00960+	4	0.00000+	0	3.92030-	3	4.00970+	4	0.00000+	0	2.74420-	2	57	1454	474
4.00980+	4	0.00000+	0	4.70440-	2	4.00990+	4	0.00000+	0	4.01830-	2	57	1454	475
4.10950+	4	0.00000+	0	0.00000+	0	4.10960+	4	0.00000+	0	2.94020-	5	57	1454	476
4.10970+	4	0.00000+	0	1.07810-	2	4.10980+	4	0.00000+	0	0.00000+	0	57	1454	477
4.10990+	4	0.00000+	0	1.07810-	2	4.11000+	4	0.00000+	0	4.11630-	2	57	1454	478
4.11010+	4	0.00000+	0	2.84220-	2	4.20970+	4	0.00000+	0	0.00000+	0	57	1454	479
4.20990+	4	0.00000+	0	9.80080-	4	4.21000+	4	0.00000+	0	3.92030-	3	57	1454	480
4.21010+	4	0.00000+	0	9.80080-	3	4.21020+	4	0.00000+	0	3.43030-	2	57	1454	481
4.21030+	4	0.00000+	0	2.84220-	2	4.21040+	4	0.00000+	0	1.56810-	2	57	1454	482
4.21050+	4	0.00000+	0	1.17610-	2	4.31000+	4	0.00000+	0	0.00000+	0	57	1454	483
4.31010+	4	0.00000+	0	9.80080-	4	4.31020+	4	0.00000+	0	2.94020-	3	57	1454	484
4.31030+	4	0.00000+	0	4.90040-	3	4.31040+	4	0.00000+	0	6.86050-	3	57	1454	485
4.31050+	4	0.00000+	0	6.86050-	3	4.31060+	4	0.00000+	0	1.76410-	2	57	1454	486
4.31070+	4	0.00000+	0	1.27410-	2	4.31080+	4	0.00000+	0	1.07810-	2	57	1454	487
4.41040+	4	0.00000+	0	9.80080-	4	4.41050+	4	0.00000+	0	9.80080-	4	57	1454	488
4.41060+	4	0.00000+	0	9.80080-	4	4.41070+	4	0.00000+	0	9.80080-	4	57	1454	489
4.41080+	4	0.00000+	0	1.96020-	3	4.51020+	4	0.00000+	0	0.00000+	0	57	1454	490
4.51090+	4	0.00000+	0	1.28390-	2	4.51100+	4	0.00000+	0	1.17610-	2	57	1454	491
4.51110+	4	0.00000+	0	1.09770-	2	4.61110+	4	0.00000+	0	0.00000+	0	57	1454	492
4.61120+	4	0.00000+	0	7.93860-	3	4.61130+	4	0.00000+	0	1.17610-	2	57	1454	493
4.61140+	4	0.00000+	0	9.70290-	3	4.61150+	4	0.00000+	0	8.91870-	3	57	1454	494
4.61160+	4	0.00000+	0	7.44840-	3	4.61170+	4	0.00000+	0	5.48840-	3	57	1454	495
4.71110+	4	0.00000+	0	3.92030-	4	4.71140+	4	0.00000+	0	9.80080-	5	57	1454	496
4.71150+	4	0.00000+	0	1.27410-	3	4.71160+	4	0.00000+	0	2.35220-	3	57	1454	497
4.71170+	4	0.00000+	0	3.72430-	3	4.71180+	4	0.00000+	0	8.33070-	3	57	1454	498
4.81160+	4	0.00000+	0	0.00000+	0	4.81170+	4	0.00000+	0	5.88050-	4	57	1454	499
4.81180+	4	0.00000+	0	1.47010-	3	4.81190+	4	0.00000+	0	9.80080-	3	57	1454	500
4.81200+	4	0.00000+	0	9.40870-	3	4.81210+	4	0.00000+	0	8.62470-	3	57	1454	501
4.91200+	4	0.00000+	0	1.37210-	3	4.91210+	4	0.00000+	0	3.13620-	3	57	1454	502
4.91230+	4	0.00000+	0	9.80080-	3	5.01210+	4	0.00000+	0	0.00000+	0	57	1454	503
5.01220+	4	0.00000+	0	1.17610-	2	5.01230+	4	0.00000+	0	1.96020-	3	57	1454	504
5.01240+	4	0.00000+	0	1.17610-	2	5.01250+	4	0.00000+	0	1.31330-	2	57	1454	505
5.01260+	4	0.00000+	0	1.27410-	2	5.01270+	4	0.00000+	0	1.37210-	2	57	1454	506
5.01280+	4	0.00000+	0	1.27410-	2	5.01290+	4	0.00000+	0	9.80080-	3	57	1454	507
5.01300+	4	0.00000+	0	1.17610-	2	5.01310+	4	0.00000+	0	9.80080-	3	57	1454	508
5.01320+	4	0.00000+	0	5.29240-	3	5.01330+	4	0.00000+	0	2.94020-	3	57	1454	509
5.11240+	4	0.00000+	0	5.97850-	4	5.11250+	4	0.00000+	0	1.56810-	3	57	1454	510
5.11260+	4	0.00000+	0	4.90040-	3	5.11270+	4	0.00000+	0	8.62470-	3	57	1454	511
5.11280+	4	0.00000+	0	1.07810-	2	5.11290+	4	0.00000+	0	1.07810-	2	57	1454	512
5.11300+	4	0.00000+	0	1.66610-	2	5.11310+	4	0.00000+	0	1.96020-	2	57	1454	513

5.11320+	4	0.00000+	0	1.82290-	2	5.11330+	4	0.00000+	0	1.56810-	2	57	1454	514	
5.11340+	4	0.00000+	0	6.76250-	3	5.11350+	4	0.00000+	0	1.47010-	3	57	1454	515	
5.21270+	4	0.00000+	0	1.96020-	3	5.21280+	4	0.00000+	0	2.94020-	3	57	1454	516	
5.21290+	4	0.00000+	0	9.80080-	3	5.21300+	4	0.00000+	0	5.88050-	3	57	1454	517	
5.21310+	4	0.00000+	0	9.80080-	3	5.21320+	4	0.00000+	0	1.76410-	2	57	1454	518	
5.21330+	4	0.00000+	0	2.25420-	2	5.21340+	4	0.00000+	0	2.36200-	2	57	1454	519	
5.21350+	4	0.00000+	0	1.42110-	2	5.31280+	4	0.00000+	0	0.00000+	0	57	1454	520	
5.31290+	4	0.00000+	0	9.80080-	4	5.31300+	4	0.00000+	0	3.23430-	4	57	1454	521	
5.31310+	4	0.00000+	0	1.96020-	3	5.31320+	4	0.00000+	0	7.84060-	3	57	1454	522	
5.31330+	4	0.00000+	0	1.17610-	2	5.31340+	4	0.00000+	0	2.15620-	2	57	1454	523	
5.31350+	4	0.00000+	0	2.84220-	2	5.41340+	4	0.00000+	0	4.90040-	3	57	1454	524	
5.41350+	4	0.00000+	0	1.47010-	2	5.41360+	4	0.00000+	0	4.31230-	2	57	1454	525	
5.41370+	4	0.00000+	0	4.41030-	2	5.41380+	4	0.00000+	0	3.62630-	2	57	1454	526	
5.41390+	4	0.00000+	0	2.94020-	2	5.41400+	4	0.00000+	0	9.21270-	3	57	1454	527	
5.41410+	4	0.00000+	0	2.05820-	3	5.41420+	4	0.00000+	0	1.56810-	3	57	1454	528	
5.41430+	4	0.00000+	0	1.47010-	4	5.41440+	4	0.00000+	0	0.00000+	0	57	1454	529	
5.51350+	4	0.00000+	0	9.80080-	4	5.51360+	4	0.00000+	0	1.86210-	3	57	1454	530	
5.51370+	4	0.00000+	0	1.37210-	2	5.51380+	4	0.00000+	0	7.84060-	3	57	1454	531	
5.51390+	4	0.00000+	0	1.17610-	2	5.51400+	4	0.00000+	0	2.11700-	2	57	1454	532	
5.51410+	4	0.00000+	0	1.65630-	2	5.51420+	4	0.00000+	0	1.11730-	2	57	1454	533	
5.51430+	4	0.00000+	0	6.12550-	3	5.51440+	4	0.00000+	0	2.35220-	3	57	1454	534	
5.61360+	4	0.00000+	0	1.96020-	5	5.61370+	4	0.00000+	0	9.80080-	4	57	1454	535	
5.61380+	4	0.00000+	0	3.92030-	3	5.61390+	4	0.00000+	0	7.84060-	3	57	1454	536	
5.61400+	4	0.00000+	0	1.27410-	2	5.61410+	4	0.00000+	0	1.47010-	2	57	1454	537	
5.61420+	4	0.00000+	0	1.86210-	2	5.61430+	4	0.00000+	0	1.72490-	2	57	1454	538	
5.61440+	4	0.00000+	0	1.13690-	2	5.71400+	4	0.00000+	0	1.96020-	3	57	1454	539	
5.71410+	4	0.00000+	0	3.92030-	3	5.71420+	4	0.00000+	0	7.84060-	3	57	1454	540	
5.71430+	4	0.00000+	0	1.27410-	2	5.71440+	4	0.00000+	0	1.47010-	2	57	1454	541	
5.81420+	4	0.00000+	0	0.00000+	0	5.81430+	4	0.00000+	0	1.96020-	3	57	1454	542	
5.81440+	4	0.00000+	0	3.92030-	3	5.81450+	4	0.00000+	0	2.74420-	2	57	1454	543	
5.81460+	4	0.00000+	0	2.15620-	2	5.81470+	4	0.00000+	0	1.56810-	2	57	1454	544	
5.81480+	4	0.00000+	0	8.62470-	3	5.91450+	4	0.00000+	0	9.80080-	4	57	1454	545	
5.91460+	4	0.00000+	0	1.96020-	3	5.91470+	4	0.00000+	0	3.92030-	3	57	1454	546	
5.91480+	4	0.00000+	0	4.11630-	3	6.01480+	4	0.00000+	0	9.80080-	4	57	1454	547	
6.01490+	4	0.00000+	0	5.29240-	3	6.01500+	4	0.00000+	0	2.64620-	3	57	1454	548	
6.01510+	4	0.00000+	0	1.76410-	3	6.11480+	4	0.00000+	0	0.00000+	0	57	1454	549	
6.11490+	4	0.00000+	0	0.00000+	0	6.11500+	4	0.00000+	0	9.31070-	5	57	1454	550	
6.11510+	4	0.00000+	0	1.96020-	4	6.11520+	4	0.00000+	0	1.47010-	3	57	1454	551	
6.11540+	4	0.00000+	0	7.25260-	4	6.21520+	4	0.00000+	0	0.00000+	0	57	1454	552	
6.21530+	4	0.00000+	0	1.17610-	3	6.21540+	4	0.00000+	0	1.47010-	4	57	1454	553	
6.21550+	4	0.00000+	0	6.66450-	4	6.21560+	4	0.00000+	0	4.80240-	4	57	1454	554	
6.21570+	4	0.00000+	0	3.23430-	4	6.31540+	4	0.00000+	0	4.80240-	6	57	1454	555	
6.31550+	4	0.00000+	0	3.92030-	5	6.31560+	4	0.00000+	0	5.88050-	5	57	1454	556	
6.31570+	4	0.00000+	0	8.82070-	5	6.31580+	4	0.00000+	0	2.74420-	4	57	1454	557	
6.31590+	4	0.00000+	0	1.76410-	4	6.31600+	4	0.00000+	0	0.00000+	0	57	1454	558	
6.41580+	4	0.00000+	0	1.96020-	5	6.41590+	4	0.00000+	0	1.96020-	5	57	1454	559	
6.41600+	4	0.00000+	0	0.00000+	0	6.41610+	4	0.00000+	0	0.00000+	0	57	1454	560	
6.51600+	4	0.00000+	0	0.00000+	0	6.51610+	4	0.00000+	0	0.00000+	0	57	1454	561	
												57	1	0	562
												57	0	0	563
9.22350+	4	2.33025+	2						1						564
9.22350+	4	1.00000+	0		0				2						565
1.00000+	0	8.20000+	1		1				0						566
3.50000+	0	9.56630-	1		0				0						567
2.33020+	2	0.00000+	0		0				1						568
-1.49000+	0	3.50000+	0	2.37680-	1	3.68200-	3	6.70000-	2	2.07000-	1	57	2151	569	
2.90000-	1	3.50000+	0	1.35000-	1	3.01570-	6	3.60000-	2	9.90000-	2	57	2151	570	
1.14000+	0	3.50000+	0	1.50820-	1	1.51610-	5	3.46000-	2	1.16200-	1	57	2151	571	
2.03500+	0	3.50000+	0	4.46960-	2	7.66050-	6	3.48740-	2	9.81400-	3	57	2151	572	
2.92000+	0	3.50000+	0	2.20000-	1	4.85300-	6	6.00000-	2	2.00000-	1	57	2151	573	
3.14700+	0	3.50000+	0	1.39610-	1	2.24050-	5	3.32100-	2	1.06370-	1	57	2151	574	
3.60900+	0	3.50000+	0	8.43790-	2	4.55940-	5	3.36960-	2	5.06370-	2	57	2151	575	
4.84800+	0	3.50000+	0	3.95920-	2	6.03520-	5	3.59450-	2	3.58700-	3	57	2151	576	
5.44800+	0	3.50000+	0	9.01200-	2	3.36110-	6	3.00000-	2	3.01170-	2	57	2151	577	
5.60000+	0	3.50000+	0	6.41920-	1	3.33190-	5	2.00000-	2	6.21890-	1	57	2151	578	
6.21000+	0	3.50000+	0	2.30900-	1	6.37950-	5	4.34690-	2	1.87360-	1	57	2151	579	
6.38200+	0	3.50000+	0	4.47880-	2	2.68340-	4	3.49720-	2	9.54800-	3	57	2151	580	
7.07700+	0	3.50000+	0	6.39340-	2	1.26600-	4	3.55740-	2	2.82330-	2	57	2151	581	
8.78100+	0	3.50000+	0	1.23290-	1	1.12340-	3	3.11700-	2	9.10000-	2	57	2151	582	
9.28600+	0	3.50000+	0	1.10760-	1	1.63640-	4	3.56000-	2	7.50000-	2	57	2151	583	
9.73000+	0	3.50000+	0	2.69050-	1	5.30280-	5	3.20000-	2	2.37000-	1	57	2151	584	

1.01800+	1	3.50000+	0	1.00560-	1	6.18980-	5	3.80000-	2	6.25000-	2	57	2151	585
1.08000+	1	3.50000+	0	9.35090-	1	9.33320-	5	5.70000-	2	8.68000-	1	57	2151	586
1.16660+	1	3.50000+	0	4.72770-	2	6.27440-	4	4.04000-	2	6.25000-	3	57	2151	587
1.23960+	1	3.50000+	0	6.32620-	2	1.26220-	3	3.45000-	2	2.75000-	2	57	2151	588
1.28610+	1	3.50000+	0	1.19550-	1	5.30780-	5	3.35000-	2	8.60000-	2	57	2151	589
1.32750+	1	3.50000+	0	1.61440-	1	3.93500-	5	2.86000-	2	1.22800-	1	57	2151	590
1.37000+	1	3.50000+	0	1.23940-	1	3.70130-	5	3.04000-	2	9.35000-	2	57	2151	591
1.39960+	1	3.50000+	0	4.96540-	1	5.37230-	4	4.60000-	2	4.70000-	1	57	2151	592
1.45440+	1	3.50000+	0	5.62150-	2	1.15170-	4	3.52000-	2	2.09000-	2	57	2151	593
1.54060+	1	3.50000+	0	7.88370-	2	2.37070-	4	3.53000-	2	4.33000-	2	57	2151	594
1.60880+	1	3.50000+	0	5.03610-	2	3.60990-	4	3.13830-	2	1.86170-	2	57	2151	595
1.66670+	1	3.50000+	0	1.33270-	1	2.73000-	4	3.21050-	2	1.00890-	1	57	2151	596
1.80520+	1	3.50000+	0	1.60380-	1	3.84510-	4	3.50000-	2	1.25000-	1	57	2151	597
1.89600+	1	3.50000+	0	1.05120-	1	1.15820-	4	3.00000-	2	5.50000-	2	57	2151	598
1.92970+	1	3.50000+	0	9.81940-	2	3.19360-	3	3.48210-	2	6.01790-	2	57	2151	599
2.01300+	1	3.50000+	0	2.40090-	1	8.77140-	5	1.39100-	2	2.26090-	1	57	2151	600
2.02000+	1	3.50000+	0	5.00130-	2	1.30340-	5	4.92800-	2	7.20000-	4	57	2151	601
2.06100+	1	3.50000+	0	8.41910-	2	1.91170-	4	4.04850-	2	4.35150-	2	57	2151	602
2.10720+	1	3.50000+	0	7.35030-	2	1.50270-	3	4.03420-	2	3.16580-	2	57	2151	603
2.29390+	1	3.50000+	0	7.54360-	2	4.35840-	4	3.26700-	2	4.23300-	2	57	2151	604
2.34120+	1	3.50000+	0	3.22040-	2	7.03720-	4	2.65000-	2	5.00000-	3	57	2151	605
2.36290+	1	3.50000+	0	2.25860-	1	8.55770-	4	4.30000-	2	1.82000-	1	57	2151	606
2.42450+	1	3.50000+	0	5.82680-	2	2.68350-	4	3.10000-	2	2.70000-	2	57	2151	607
2.43700+	1	3.50000+	0	1.00150-	1	1.49580-	4	3.50000-	2	6.50000-	2	57	2151	608
2.52000+	1	3.50000+	0	8.50680-	1	6.76240-	4	2.50000-	2	8.25000-	1	57	2151	609
2.55900+	1	3.50000+	0	3.85560-	1	5.64530-	4	3.50000-	2	3.60000-	1	57	2151	610
2.64800+	1	3.50000+	0	1.92480-	1	4.75990-	4	3.20000-	2	1.60000-	1	57	2151	611
2.67400+	1	3.50000+	0	2.50090-	1	8.56850-	5	3.00000-	2	2.20000-	1	57	2151	612
2.71490+	1	3.50000+	0	1.15590-	1	8.51390-	5	4.20000-	2	7.35000-	2	57	2151	613
2.77960+	1	3.50000+	0	1.20670-	1	6.74470-	4	3.20000-	2	8.80000-	2	57	2151	614
2.80900+	1	3.50000+	0	6.50310-	2	3.11640-	5	4.00000-	2	2.50000-	2	57	2151	615
2.83510+	1	3.50000+	0	1.49190-	1	1.88540-	4	3.17000-	2	1.17300-	1	57	2151	616
2.87100+	1	3.50000+	0	1.30040-	1	4.50090-	5	3.00000-	2	8.00000-	2	57	2151	617
2.96440+	1	3.50000+	0	6.11770-	2	1.77440-	4	3.70000-	2	2.40000-	2	57	2151	618
3.05900+	1	3.50000+	0	1.85230-	1	2.27320-	4	4.50940-	2	1.09900-	1	57	2151	619
3.08600+	1	3.50000+	0	5.45320-	2	5.32350-	4	3.52690-	2	1.87310-	2	57	2151	620
3.20700+	1	3.50000+	0	9.98230-	2	1.82330-	3	3.77240-	2	6.02760-	2	57	2151	621
3.35200+	1	3.50000+	0	5.68590-	2	1.85950-	3	3.18610-	2	2.31390-	2	57	2151	622
3.43700+	1	3.50000+	0	8.72530-	2	2.25270-	3	4.31600-	2	4.18400-	2	57	2151	623
3.48500+	1	3.50000+	0	1.16100-	1	1.09770-	3	3.82470-	2	7.67530-	2	57	2151	624
3.51870+	1	3.50000+	0	1.03500-	1	3.50040-	3	3.14020-	2	6.85980-	2	57	2151	625
3.53000+	1	3.50000+	0	6.91570-	1	1.56750-	3	4.00000-	2	6.50000-	1	57	2151	626
3.64000+	1	3.50000+	0	1.54010-	0	1.19940-	4	4.00000-	2	1.50000+	0	57	2151	627
3.75000+	1	3.50000+	0	1.54020+	0	1.66380-	4	4.00000-	2	1.50000+	0	57	2151	628
3.83000+	1	3.50000+	0	3.08340-	1	3.35920-	4	4.21910-	2	2.65810-	1	57	2151	629
3.94100+	1	3.50000+	0	9.55230-	2	2.52330-	3	3.44880-	2	5.85120-	2	57	2151	630
3.99000+	1	3.50000+	0	1.50240-	1	2.36370-	4	3.31770-	2	1.16820-	1	57	2151	631
4.05360+	1	3.50000+	0	2.09380-	1	3.80290-	4	3.43230-	2	1.74680-	1	57	2151	632
4.13500+	1	3.50000+	0	4.45640-	1	6.44840-	4	4.50000-	2	4.00000-	1	57	2151	633
4.15900+	1	3.50000+	0	1.65220-	1	2.23910-	4	3.09070-	2	1.34090-	1	57	2151	634
4.18730+	1	3.50000+	0	4.12330-	2	1.23250-	3	2.89510-	2	1.10490-	2	57	2151	635
4.22300+	1	3.50000+	0	1.45450-	1	4.47220-	4	4.82400-	2	9.67600-	2	57	2151	636
4.26900+	1	3.50000+	0	6.13450-	2	3.45180-	4	4.43220-	2	1.66780-	2	57	2151	637
4.33980+	1	3.50000+	0	7.07540-	2	7.54490-	4	3.58800-	2	2.41200-	2	57	2151	638
4.39000+	1	3.50000+	0	1.11200-	1	2.00990-	4	4.10360-	2	6.89640-	2	57	2151	639
4.39700+	1	3.50000+	0	2.50340-	1	3.45470-	4	1.73090-	2	2.32690-	1	57	2151	640
4.46000+	1	3.50000+	0	1.75840-	1	8.38650-	4	4.59780-	2	1.29020-	1	57	2151	641
4.49500+	1	3.50000+	0	5.35760-	1	7.57000-	4	3.07390-	2	5.04260-	1	57	2151	642
4.57900+	1	3.50000+	0	1.34190-	1	1.87910-	4	4.08070-	2	9.31930-	2	57	2151	643
4.67900+	1	3.50000+	0	1.52800-	1	8.03050-	4	3.70000-	2	1.15000-	1	57	2151	644
4.70110+	1	3.50000+	0	1.39940-	1	9.36590-	4	3.20000-	2	9.70000-	2	57	2151	645
4.79700+	1	3.50000+	0	9.39880-	2	9.88340-	4	4.57100-	2	4.72900-	2	57	2151	646
4.83000+	1	3.50000+	0	1.65770-	1	7.70940-	4	2.47150-	2	1.40280-	1	57	2151	647
4.88000+	1	3.50000+	0	6.56910-	2	6.90610-	4	2.54310-	2	3.95690-	2	57	2151	648
4.90000+	1	3.50000+	0	2.40180-	1	1.76750-	4	2.00000-	2	2.20000-	1	57	2151	649
4.94180+	1	3.50000+	0	6.10130-	2	1.01320-	3	4.29130-	2	1.70870-	2	57	2151	650
5.01080+	1	3.50000+	0	5.43530-	2	3.15850-	4	3.10940-	2	2.29430-	2	57	2151	651
5.04660+	1	3.50000+	0	7.59640-	2	9.63650-	4	3.20300-	2	4.29700-	2	57	2151	652
5.07800+	1	3.50000+	0	3.30190-	1	1.89570-	4	3.00000-	2	3.00000-	1	57	2151	653
5.12680+	1	3.50000+	0	1.88540-	1	3.54480-	3	5.19740-	2	1.33030-	1	57	2151	654
5.16300+	1	3.50000+	0	7.43460-	2	3.45690-	4	3.34540-	2	4.05460-	2	57	2151	655

5.22210+	1	3.50000+	0	3.63510-	1	2.50760-	3	3.10000-	2	3.30000-	1	57	2151	656
5.34380+	1	3.50000+	0	1.35540-	1	5.37290-	4	3.34630-	2	1.01540-	1	57	2151	657
5.41320+	1	3.50000+	0	1.50210-	1	2.14100-	4	3.40000-	2	1.06000-	1	57	2151	658
5.50640+	1	3.50000+	0	1.11170-	1	3.16850-	3	3.85390-	2	5.94610-	2	57	2151	659
5.58400+	1	3.50000+	0	2.51350-	1	2.35490-	3	3.81190-	2	2.10280-	1	57	2151	660
5.60700+	1	3.50000+	0	1.90790-	1	7.86240-	4	3.00000-	2	1.60000-	1	57	2151	661
5.64980+	1	3.50000+	0	1.19920-	1	4.92080-	3	3.91670-	2	7.58330-	2	57	2151	662
5.78000+	1	3.50000+	0	2.21130-	1	1.12520-	3	3.50000-	2	1.85000-	1	57	2151	663
5.80600+	1	3.50000+	0	6.53540-	2	1.35390-	3	3.23150-	2	3.16850-	2	57	2151	664
5.86740+	1	3.50000+	0	1.36330-	1	1.33280-	3	3.30000-	2	1.02000-	1	57	2151	665
5.97600+	1	3.50000+	0	2.55270-	1	2.70570-	4	3.20000-	2	2.13000-	1	57	2151	666
6.01880+	1	3.50000+	0	2.55130-	1	1.12650-	3	3.40000-	2	2.20000-	1	57	2151	667
6.08370+	1	3.50000+	0	1.20460-	1	4.62530-	4	3.00000-	2	9.00000-	2	57	2151	668
6.11300+	1	3.50000+	0	1.25360-	1	3.62780-	4	3.00000-	2	8.50000-	2	57	2151	669
6.15700+	1	3.50000+	0	5.30230-	1	2.25200-	4	3.00000-	2	5.00000-	1	57	2151	670
6.19000+	1	3.50000+	0	5.30170-	1	1.70730-	4	3.00000-	2	5.00000-	1	57	2151	671
6.24000+	1	3.50000+	0	4.60260-	1	2.61630-	4	3.00000-	2	4.00000-	1	57	2151	672
6.30200+	1	3.50000+	0	2.40090-	1	9.08960-	5	3.00000-	2	2.00000-	1	57	2151	673
6.33200+	1	3.50000+	0	2.50100-	1	1.02090-	4	3.00000-	2	2.00000-	1	57	2151	674
6.36900+	1	3.50000+	0	6.21070-	1	1.07440-	3	6.00000-	2	5.60000-	1	57	2151	675
6.43000+	1	3.50000+	0	4.75450-	2	1.24470-	3	3.90000-	2	7.30000-	3	57	2151	676
6.58000+	1	3.50000+	0	9.64230-	2	4.23270-	4	3.00000-	2	4.60000-	2	57	2151	677
6.64020+	1	3.50000+	0	8.94490-	2	4.49480-	4	4.50000-	2	4.40000-	2	57	2151	678
6.72470+	1	3.50000+	0	9.00810-	2	8.09380-	5	4.10000-	2	4.90000-	2	57	2151	679
6.84400+	1	3.50000+	0	2.50040-	1	3.76410-	5	5.00000-	2	2.00000-	1	57	2151	680
6.85300+	1	3.50000+	0	1.60110-	1	1.08360-	4	6.00000-	2	1.00000-	1	57	2151	681
6.92930+	1	3.50000+	0	2.00720-	1	7.15300-	4	3.00000-	2	1.60000-	1	57	2151	682
7.04040+	1	3.50000+	0	1.72720-	1	2.71590-	3	3.00000-	2	1.20000-	1	57	2151	683
7.07500+	1	3.50000+	0	2.37410-	1	2.40910-	3	3.50000-	2	2.00000-	1	57	2151	684
7.16100+	1	3.50000+	0	1.60290-	1	2.91390-	4	3.00000-	2	1.20000-	1	57	2151	685
7.23900+	1	3.50000+	0	1.38610-	1	2.61150-	3	3.10000-	2	1.05000-	1	57	2151	686
7.29100+	1	3.50000+	0	3.60370-	1	3.67170-	4	3.00000-	2	3.20000-	1	57	2151	687
7.45440+	1	3.50000+	0	1.01670-	1	2.72870-	3	3.80000-	2	6.09370-	2	57	2151	688
7.51700+	1	3.50000+	0	2.90890-	1	8.88330-	4	3.00000-	2	2.40000-	1	57	2151	689
7.55410+	1	3.50000+	0	2.33360-	1	1.36210-	3	3.20000-	2	2.00000-	1	57	2151	690
7.67500+	1	3.50000+	0	1.16110-	1	1.07320-	4	3.60000-	2	8.00000-	2	57	2151	691
7.74920+	1	3.50000+	0	1.12990-	1	9.86810-	4	3.00000-	2	7.20000-	2	57	2151	692
7.81170+	1	3.50000+	0	1.48220-	1	1.22450-	3	3.70000-	2	1.00000-	1	57	2151	693
7.93720+	1	3.50000+	0	1.29790-	1	7.85570-	4	3.40000-	2	8.50000-	2	57	2151	694
8.03570+	1	3.50000+	0	1.74840-	1	8.38510-	4	3.00000-	2	1.34000-	1	57	2151	695
8.14340+	1	3.50000+	0	1.32040-	1	1.04330-	3	3.10000-	2	9.00000-	2	57	2151	696
8.35900+	1	3.50000+	0	1.18270-	1	1.17030-	3	3.80000-	2	6.91000-	2	57	2151	697
8.68800+	1	3.50000+	0	8.01200-	2	7.19580-	4	3.20000-	2	2.74000-	2	57	2151	698
8.20000+	1	2.50000+	4		2		2		0		0	57	2151	699
3.50000+	0	9.26000-	1		0		0		2		0	57	2151	700
2.33025+	2	0.00000+	0		0		0		2		0	57	2151	701
3.00000+	0	0.00000+	0		5		0		276		45	57	2151	702
0.00000+	0	0.00000+	0	0.00000+	0	1.00000+	0	3.00000+	0	2.00000+	0	57	2151	703
8.20000+	1	1.00000+	0	0.00000+	0	8.17530-	5	3.50000-	2	2.91330-	1	57	2151	704
1.15690+	2	1.00000+	0	0.00000+	0	9.04720-	5	3.50000-	2	2.46650-	1	57	2151	705
1.48550+	2	1.00000+	0	0.00000+	0	1.04890-	4	3.50000-	2	2.17660-	1	57	2151	706
1.90740+	2	1.00000+	0	0.00000+	0	1.03890-	4	3.50000-	2	2.65930-	1	57	2151	707
2.45000+	2	1.00000+	0	0.00000+	0	1.29540-	4	3.50000-	2	3.77740-	1	57	2151	708
3.00000+	2	1.00000+	0	0.00000+	0	9.14150-	5	3.50000-	2	3.69340-	1	57	2151	709
3.50000+	2	1.00000+	0	0.00000+	0	8.84200-	5	3.50000-	2	3.72590-	1	57	2151	710
4.00000+	2	1.00000+	0	0.00000+	0	8.62740-	5	3.50000-	2	3.84620-	1	57	2151	711
4.50000+	2	1.00000+	0	0.00000+	0	1.00830-	4	3.50000-	2	4.34170-	1	57	2151	712
5.00000+	2	1.00000+	0	0.00000+	0	1.15470-	4	3.50000-	2	4.98090-	1	57	2151	713
5.60000+	2	1.00000+	0	0.00000+	0	1.25690-	4	3.50000-	2	4.54840-	1	57	2151	714
6.20000+	2	1.00000+	0	0.00000+	0	1.03100-	4	3.50000-	2	4.01020-	1	57	2151	715
7.50000+	2	1.00000+	0	0.00000+	0	1.16040-	4	3.50000-	2	3.04410-	1	57	2151	716
8.00000+	2	1.00000+	0	0.00000+	0	1.16140-	4	3.50000-	2	2.76200-	1	57	2151	717
8.30000+	2	1.00000+	0	0.00000+	0	9.53460-	5	3.50000-	2	2.69220-	1	57	2151	718
9.00000+	2	1.00000+	0	0.00000+	0	8.99070-	5	3.50000-	2	2.59930-	1	57	2151	719
1.00000+	3	1.00000+	0	0.00000+	0	9.51740-	5	3.50000-	2	2.59890-	1	57	2151	720
1.10000+	3	1.00000+	0	0.00000+	0	1.12500-	4	3.50000-	2	2.57310-	1	57	2151	721
1.50000+	3	1.00000+	0	0.00000+	0	1.07790-	4	3.50000-	2	3.60240-	1	57	2151	722
1.80000+	3	1.00000+	0	0.00000+	0	1.03890-	4	3.50000-	2	3.76870-	1	57	2151	723
2.00000+	3	1.00000+	0	0.00000+	0	9.78640-	5	3.50000-	2	4.02950-	1	57	2151	724
2.50000+	3	1.00000+	0	0.00000+	0	9.45530-	5	3.50000-	2	4.47930-	1	57	2151	725
3.00000+	3	1.00000+	0	0.00000+	0	9.51920-	5	3.50000-	2	4.46260-	1	57	2151	726



3.50000+	3	1.00000+	0	0.00000+	0	1.00200-	4	3.50000-	2	4.40010-	1	57	2151	727
3.80000+	3	1.00000+	0	0.00000+	0	1.02680-	4	3.50000-	2	4.37220-	1	57	2151	728
4.50000+	3	1.00000+	0	0.00000+	0	1.00890-	4	3.50000-	2	4.38040-	1	57	2151	729
5.00000+	3	1.00000+	0	0.00000+	0	9.80850-	5	3.50000-	2	4.40430-	1	57	2151	730
5.50000+	3	1.00000+	0	0.00000+	0	9.89720-	5	3.50000-	2	4.40260-	1	57	2151	731
6.00000+	3	1.00000+	0	0.00000+	0	9.81780-	5	3.50000-	2	4.42000-	1	57	2151	732
6.50000+	3	1.00000+	0	0.00000+	0	9.22250-	5	3.50000-	2	4.49780-	1	57	2151	733
7.00000+	3	1.00000+	0	0.00000+	0	9.09230-	5	3.50000-	2	4.52910-	1	57	2151	734
7.50000+	3	1.00000+	0	0.00000+	0	9.35380-	5	3.50000-	2	4.51210-	1	57	2151	735
8.00000+	3	1.00000+	0	0.00000+	0	9.21280-	5	3.50000-	2	4.54680-	1	57	2151	736
8.50000+	3	1.00000+	0	0.00000+	0	8.62190-	5	3.50000-	2	4.58710-	1	57	2151	737
9.00000+	3	1.00000+	0	0.00000+	0	8.78290-	5	3.50000-	2	4.51870-	1	57	2151	738
9.50000+	3	1.00000+	0	0.00000+	0	1.07120-	4	3.50000-	2	4.20760-	1	57	2151	739
1.00000+	4	1.00000+	0	0.00000+	0	9.98300-	5	3.50000-	2	4.25530-	1	57	2151	740
1.25000+	4	1.00000+	0	0.00000+	0	9.90000-	5	3.50000-	2	4.20000-	1	57	2151	741
1.50000+	4	1.00000+	0	0.00000+	0	1.12800-	4	3.50000-	2	3.99000-	1	57	2151	742
1.65000+	4	1.00000+	0	0.00000+	0	8.97000-	5	3.50000-	2	4.30000-	1	57	2151	743
1.85000+	4	1.00000+	0	0.00000+	0	1.08900-	4	3.50000-	2	4.02000-	1	57	2151	744
2.05000+	4	1.00000+	0	0.00000+	0	8.06000-	5	3.50000-	2	4.47000-	1	57	2151	745
2.20000+	4	1.00000+	0	0.00000+	0	1.12400-	4	3.50000-	2	3.93000-	1	57	2151	746
2.35000+	4	1.00000+	0	0.00000+	0	9.90000-	5	3.50000-	2	4.16000-	1	57	2151	747
2.50000+	4	1.00000+	0	0.00000+	0	9.85000-	5	3.50000-	2	4.21000-	1	57	2151	748
4.00000+	0	0.00000+	0		5		0		276		45	57	2151	749
0.00000+	0	0.00000+	0	0.00000+	0	1.00000+	0	0.00000+	0	1.00000+	0	57	2151	750
8.20000+	1	1.00000+	0	0.00000+	0	8.17530-	5	3.50000-	2	1.45670-	1	57	2151	751
1.15690+	2	1.00000+	0	0.00000+	0	9.04720-	5	3.50000-	2	1.23330-	1	57	2151	752
1.48550+	2	1.00000+	0	0.00000+	0	1.04800-	4	3.50000-	2	1.08830-	1	57	2151	753
1.90740+	2	1.00000+	0	0.00000+	0	1.03890-	4	3.50000-	2	1.32970-	1	57	2151	754
2.45000+	2	1.00000+	0	0.00000+	0	1.29540-	4	3.50000-	2	1.88870-	1	57	2151	755
3.00000+	2	1.00000+	0	0.00000+	0	9.14150-	5	3.50000-	2	1.84670-	1	57	2151	756
3.50000+	2	1.00000+	0	0.00000+	0	8.84200-	5	3.50000-	2	1.86300-	1	57	2151	757
4.00000+	2	1.00000+	0	0.00000+	0	8.62740-	5	3.50000-	2	1.92310-	1	57	2151	758
4.50000+	2	1.00000+	0	0.00000+	0	1.00830-	4	3.50000-	2	2.17090-	1	57	2151	759
5.00000+	2	1.00000+	0	0.00000+	0	1.15470-	4	3.50000-	2	2.49040-	1	57	2151	760
5.60000+	2	1.00000+	0	0.00000+	0	1.25690-	4	3.50000-	2	2.27420-	1	57	2151	761
6.20000+	2	1.00000+	0	0.00000+	0	1.03100-	4	3.50000-	2	2.00510-	1	57	2151	762
7.50000+	2	1.00000+	0	0.00000+	0	1.16040-	4	3.50000-	2	1.52210-	1	57	2151	763
8.00000+	2	1.00000+	0	0.00000+	0	1.16140-	4	3.50000-	2	1.38100-	1	57	2151	764
8.30000+	2	1.00000+	0	0.00000+	0	9.53460-	5	3.50000-	2	1.34610-	1	57	2151	765
9.00000+	2	1.00000+	0	0.00000+	0	8.99050-	5	3.50000-	2	1.29960-	1	57	2151	766
1.00000+	3	1.00000+	0	0.00000+	0	9.51740-	5	3.50000-	2	1.29940-	1	57	2151	767
1.10000+	3	1.00000+	0	0.00000+	0	1.12500-	4	3.50000-	2	1.28660-	1	57	2151	768
1.50000+	3	1.00000+	0	0.00000+	0	1.07790-	4	3.50000-	2	1.80120-	1	57	2151	769
1.80000+	3	1.00000+	0	0.00000+	0	1.03890-	4	3.50000-	2	1.88430-	1	57	2151	770
2.00000+	3	1.00000+	0	0.00000+	0	9.78640-	5	3.50000-	2	2.01480-	1	57	2151	771
2.50000+	3	1.00000+	0	0.00000+	0	9.45530-	5	3.50000-	2	2.23960-	1	57	2151	772
3.00000+	3	1.00000+	0	0.00000+	0	9.51920-	5	3.50000-	2	2.23130-	1	57	2151	773
3.50000+	3	1.00000+	0	0.00000+	0	1.00200-	4	3.50000-	2	2.20010-	1	57	2151	774
3.80000+	3	1.00000+	0	0.00000+	0	1.02680-	4	3.50000-	2	2.18610-	1	57	2151	775
4.50000+	3	1.00000+	0	0.00000+	0	1.00890-	4	3.50000-	2	2.19020-	1	57	2151	776
5.00000+	3	1.00000+	0	0.00000+	0	9.80850-	5	3.50000-	2	2.20210-	1	57	2151	777
5.50000+	3	1.00000+	0	0.00000+	0	9.89720-	5	3.50000-	2	2.20130-	1	57	2151	778
6.00000+	3	1.00000+	0	0.00000+	0	9.81780-	5	3.50000-	2	2.21000-	1	57	2151	779
6.50000+	3	1.00000+	0	0.00000+	0	9.22250-	5	3.50000-	2	2.24890-	1	57	2151	780
7.00000+	3	1.00000+	0	0.00000+	0	9.09230-	5	3.50000-	2	2.26460-	1	57	2151	781
7.50000+	3	1.00000+	0	0.00000+	0	9.35380-	5	3.50000-	2	2.25600-	1	57	2151	782
8.00000+	3	1.00000+	0	0.00000+	0	9.21280-	5	3.50000-	2	2.27340-	1	57	2151	783
8.50000+	3	1.00000+	0	0.00000+	0	8.62190-	5	3.50000-	2	2.29360-	1	57	2151	784
9.00000+	3	1.00000+	0	0.00000+	0	8.78290-	5	3.50000-	2	2.25930-	1	57	2151	785
9.50000+	3	1.00000+	0	0.00000+	0	1.07120-	4	3.50000-	2	2.10380-	1	57	2151	786
1.00000+	4	1.00000+	0	0.00000+	0	9.98300-	5	3.50000-	2	2.12760-	1	57	2151	787
1.25000+	4	1.00000+	0	0.00000+	0	9.90000-	5	3.50000-	2	2.10000-	1	57	2151	788
1.50000+	4	1.00000+	0	0.00000+	0	1.12800-	4	3.50000-	2	2.00000-	1	57	2151	789
1.65000+	4	1.00000+	0	0.00000+	0	8.97000-	5	3.50000-	2	2.15000-	1	57	2151	790
1.85000+	4	1.00000+	0	0.00000+	0	1.08900-	4	3.50000-	2	2.01000-	1	57	2151	791
2.05000+	4	1.00000+	0	0.00000+	0	8.06000-	5	3.50000-	2	2.23000-	1	57	2151	792
2.20000+	4	1.00000+	0	0.00000+	0	1.12400-	4	3.50000-	2	1.97000-	1	57	2151	793
2.35000+	4	1.00000+	0	0.00000+	0	9.90000-	5	3.50000-	2	2.08000-	1	57	2151	794
2.50000+	4	1.00000+	0	0.00000+	0	9.85000-	5	3.50000-	2	2.10000-	1	57	2151	795
2.33020+	2	0.00000+	0		1		0		4		0	57	2151	796
2.00000+	0	0.00000+	0		5		0		276		45	57	2151	797





1.15690+	2	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	941	
1.48550+	2	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	942	
1.90740+	2	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	943	
2.45000+	2	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	944	
3.00000+	2	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	945	
3.50000+	2	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	946	
4.00000+	2	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	947	
4.50000+	2	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	948	
5.00000+	2	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	949	
5.60000+	2	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	950	
6.20000+	2	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	951	
7.50000+	2	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	952	
8.00000+	2	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	953	
8.30000+	2	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	954	
9.00000+	2	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	955	
1.00000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	956	
1.10000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	957	
1.50000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	958	
1.80000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	959	
2.00000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	960	
2.50000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	961	
3.00000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	962	
3.50000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	963	
3.80000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	964	
4.50000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	965	
5.00000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	966	
5.50000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	967	
6.00000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	968	
6.50000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	969	
7.00000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	970	
7.50000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	971	
8.00000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	972	
8.50000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	973	
9.00000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	974	
9.50000+	3	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	975	
1.00000+	4	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	976	
1.25000+	4	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	977	
1.50000+	4	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	978	
1.65000+	4	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	979	
1.85000+	4	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	980	
2.05000+	4	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	981	
2.20000+	4	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	982	
2.35000+	4	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	983	
2.50000+	4	1.12000+	0	0.00000+	0	2.24000-	4	3.50000-	2	1.43000-	1	57	2151	984	
												57	2	0	985
												57	0	0	986
9.22350+	4	2.33025+	2				99		0		0	57	3	1	987
0.00000+	0	0.00000+	0				0		3		1098	57	3	1	988
	239		5		784		2		1098		3	57	3	1	989
1.00000-	5	3.65030+	4	2.12500-	5	2.50360+	4	4.09380-	5	1.80360+	4	57	3	1	990
7.04690-	5	1.37460+	4	1.00000-	4	1.15400+	4	1.50000-	4	9.42300+	3	57	3	1	991
1.93750-	4	8.29190+	3	2.70310-	4	7.02130+	4	3.85160-	4	5.88350+	3	57	3	1	992
5.00000-	4	5.16500+	3	6.25000-	4	4.62090+	3	6.12500-	4	4.05410+	3	57	3	1	993
1.00000-	3	3.65550+	3	1.25000-	3	3.26660+	3	1.43750-	3	3.04450+	3	57	3	1	994
1.71880-	3	2.78250+	3	2.00000-	3	2.57810+	3	4.25000-	3	2.42980+	3	57	3	1	995
2.62500-	3	2.24850+	3	3.00000-	3	2.10260+	3	4.00000-	3	2.10260+	3	57	3	1	996
3.50000-	3	1.94590+	3	4.00000-	3	1.81970+	3	4.50000-	3	1.71530+	3	57	3	1	997
5.00000-	3	1.62700+	3	5.50000-	3	1.54920+	3	6.00000-	3	1.48160+	3	57	3	1	998
6.00000-	3	1.48160+	3	7.00000-	3	1.36890+	3	6.00000-	3	1.27840+	3	57	3	1	999
9.00000-	3	1.20350+	3	9.00000-	3	1.20350+	3	1.00000-	2	1.14040+	3	57	3	1	1000
1.10000-	2	1.08450+	3	1.20000-	2	1.03590+	3	1.30000-	2	9.93160+	2	57	3	1	1001
1.40000-	2	9.55190+	2	1.50000-	2	9.21160+	2	1.60000-	2	8.89780+	2	57	3	1	1002
1.70000-	2	8.61310+	2	1.80000-	2	8.35300+	2	1.90000-	2	8.11450+	2	57	3	1	1003
2.00000-	2	7.89450+	2	2.10000-	2	7.68660+	2	2.20000-	2	7.49350+	2	57	3	1	1004
2.30000-	2	7.31370+	2	2.40000-	2	7.14560+	2	2.50000-	2	6.98810+	2	57	3	1	1005
2.53000-	2	6.94280+	2	2.60000-	2	6.83820+	2	2.70000-	2	6.69620+	2	57	3	1	1006
2.80000-	2	6.56220+	2	2.90000-	2	6.43560+	2	3.00000-	2	6.31560+	2	57	3	1	1007
3.10000-	2	6.19980+	2	3.20000-	2	6.07890+	2	3.30000-	2	5.98500+	2	57	3	1	1008
3.40000-	2	5.88520+	2	3.50000-	2	5.78990+	2	3.60000-	2	5.69730+	2	57	3	1	1009
3.70000-	2	5.60870+	2	3.80000-	2	5.52370+	2	3.90000-	2	5.44220+	2	57	3	1	1010
4.00000-	2	5.36400+	2	4.10000-	2	5.28790+	2	4.20000-	2	5.21460+	2	57	3	1	1011

4.30000-	2	5.14400+	2	4.40000-	2	5.07600+	2	4.50000-	2	5.01050+	2	57	3	1	1012
4.60000-	2	4.94610+	2	4.70000-	2	4.88400+	2	4.80000-	2	4.82390+	2	57	3	1	1013
4.90000-	2	4.76570+	2	5.00000-	2	4.70950+	2	5.10000-	2	4.65430+	2	57	3	1	1014
5.20000-	2	4.60080+	2	5.30000-	2	4.54890+	2	5.40000-	2	4.49860+	2	57	3	1	1015
5.50000-	2	4.44980+	2	5.60000-	2	4.40180+	2	5.70000-	2	4.35520+	2	57	3	1	1016
5.80000-	2	4.30990+	2	5.90000-	2	4.26580+	2	5.80000-	2	4.22290+	2	57	3	1	1017
6.10000-	2	4.18080+	2	6.20000-	2	4.13990+	2	5.90000-	2	4.09990+	2	57	3	1	1018
6.40000-	2	4.06100+	2	6.50000-	2	4.02300+	2	6.60000-	2	3.98570+	2	57	3	1	1019
6.70000-	2	3.94940+	2	6.80000-	2	3.91380+	2	6.90000-	2	3.87920+	2	57	3	1	1020
7.00000-	2	3.84530+	2	7.10000-	2	3.81210+	2	7.20000-	2	3.77970+	2	57	3	1	1021
7.30000-	2	3.74790+	2	7.40000-	2	3.71690+	2	7.50000-	2	3.68650+	2	57	3	1	1022
7.60000-	2	3.65760+	2	7.70000-	2	3.62930+	2	7.80000-	2	3.60150+	2	57	3	1	1023
7.90000-	2	3.57430+	2	8.00000-	2	3.54760+	2	8.10000-	2	3.52120+	2	57	3	1	1024
8.20000-	2	3.49530+	2	8.30000-	2	3.46980+	2	8.40000-	2	3.44490+	2	57	3	1	1025
8.50000-	2	3.42040+	2	8.60000-	2	3.39650+	2	8.70000-	2	3.37310+	2	57	3	1	1026
8.80000-	2	3.35000+	2	8.90000-	2	3.32740+	2	9.00000-	2	3.30520+	2	57	3	1	1027
9.10000-	2	3.28360+	2	9.20000-	2	3.26240+	2	9.30000-	2	3.24150+	2	57	3	1	1028
9.40000-	2	3.22100+	2	9.50000-	2	3.20080+	2	9.60000-	2	3.18150+	2	57	3	1	1029
9.70000-	2	3.16250+	2	9.80000-	2	3.14370+	2	9.90000-	2	3.12530+	2	57	3	1	1030
1.00000-	1	3.10720+	2	1.05000-	1	3.02090+	2	1.10000-	1	2.94100+	2	57	3	1	1031
1.15000-	1	2.86670+	2	1.20000-	1	2.79750+	2	1.25000-	1	2.73380+	2	57	3	1	1032
1.30000-	1	2.67400+	2	1.40000-	1	2.57010+	2	1.45000-	1	2.53030+	2	57	3	1	1033
1.50000-	1	2.49250+	2	1.55000-	1	2.45880+	2	1.60000-	1	2.42670+	2	57	3	1	1034
1.70000-	1	2.37310+	2	1.80000-	1	2.33120+	2	1.85840-	1	2.32420+	2	57	3	1	1035
1.90210-	1	2.31920+	2	1.96780-	1	2.31200+	2	2.03340-	1	2.30520+	2	57	3	1	1036
2.03340-	1	2.30520+	2	2.08340-	1	2.31360+	2	2.15840-	1	2.32590+	2	57	3	1	1037
2.23340-	1	2.33810+	2	2.43340-	1	2.41990+	2	2.53340-	1	2.46870+	2	57	3	1	1038
2.63340-	1	2.51670+	2	2.83340-	1	2.57860+	2	2.93340-	1	2.54230+	2	57	3	1	1039
3.03340-	1	2.50770+	2	3.08340-	1	2.44420+	2	3.12090-	1	2.39840+	2	57	3	1	1040
3.15840-	1	2.35400+	2	3.19590-	1	2.31100+	2	3.23340-	1	2.26940+	2	57	3	1	1041
3.28340-	1	2.19530+	2	3.32090-	1	2.14220+	2	3.34900-	1	2.10380+	2	57	3	1	1042
3.37710-	1	2.06630+	2	3.40530-	1	2.03000+	2	3.43340-	1	1.99460+	2	57	3	1	1043
3.45840-	1	1.96670+	2	3.50210-	1	1.91950+	2	3.53500-	1	1.88530+	2	57	3	1	1044
3.58420-	1	1.83590+	2	3.63340-	1	1.78870+	2	3.65840-	1	1.76390+	2	57	3	1	1045
3.68030-	1	1.74280+	2	3.71860-	1	1.70680+	2	3.74730-	1	1.68070+	2	57	3	1	1046
3.76880-	1	1.66150+	2	3.80110-	1	1.63350+	2	3.83340-	1	1.60630+	2	57	3	1	1047
3.85840-	1	1.58670+	2	3.90220-	1	1.55330+	2	3.93500-	1	1.52910+	2	57	3	1	1048
3.98420-	1	1.49400+	2	4.03340-	1	1.46030+	2	4.06440-	1	1.44080+	2	57	3	1	1049
4.11860-	1	1.40770+	2	4.15920-	1	1.38380+	2	4.218970-	1	1.36630+	2	57	3	1	1050
4.23550-	1	1.34080+	2	4.28120-	1	1.31610+	2	4.32720-	1	1.29530+	2	57	3	1	1051
4.37320-	1	1.27500+	2	4.44220-	1	1.24560+	2	4.44400-	1	1.22440+	2	57	3	1	1052
4.54570-	1	1.20380+	2	4.59750-	1	1.18390+	2	4.566920-	1	1.16450+	2	57	3	1	1053
4.74920-	1	1.13360+	2	4.82420-	1	1.11150+	2	4.84920-	1	1.09020+	2	57	3	1	1054
4.97420-	1	1.06960+	2	5.04920-	1	1.04980+	2	5.04920-	1	1.04980+	2	57	3	1	1055
5.14920-	1	1.02700+	2	5.22420-	1	1.01060+	2	5.24920-	1	9.94650+	1	57	3	1	1056
5.37420-	1	9.79250+	1	5.44920-	1	9.64310+	1	5.44920-	1	9.64310+	1	57	3	1	1057
5.54920-	1	9.47230+	1	5.64920-	1	9.30770+	1	5.74920-	1	9.14950+	1	57	3	1	1058
5.84920-	1	8.99690+	1	5.84920-	1	8.99690+	1	5.94920-	1	8.87030+	1	57	3	1	1059
6.04920-	1	8.74770+	1	6.24920-	1	8.51420+	1	6.24920-	1	8.51420+	1	57	3	1	1060
6.44920-	1	8.32340+	1	6.64920-	1	8.14290+	1	6.64920-	1	8.14290+	1	57	3	1	1061
6.84920-	1	7.99240+	1	7.04920-	1	7.84920+	1	7.04920-	1	7.84920+	1	57	3	1	1062
7.44920-	1	7.62500+	1	7.44920-	1	7.62500+	1	7.44920-	1	7.47820+	1	57	3	1	1063
8.24920-	1	7.41890+	1	8.44920-	1	7.44580+	1	8.04920-	1	7.47230+	1	57	3	1	1064
8.84920-	1	7.57420+	1	9.04920-	1	7.67590+	1	9.14920-	1	7.76880+	1	57	3	1	1065
9.29920-	1	7.90920+	1	9.44920-	1	8.05070+	1	9.44920-	1	8.12230+	1	57	3	1	1066
9.58670-	1	8.24900+	1	9.65230-	1	8.34520+	1	9.70150-	1	8.41800+	1	57	3	1	1067
9.77540-	1	8.52810+	1	9.84920-	1	8.63960+	1	9.88690-	1	8.73150+	1	57	3	1	1068
9.94340-	1	8.87130+	1	1.00000+	0	9.01320+	1	1.00000+	0	9.63800+	0	57	3	1	1069
1.03600+	0	8.75630+	0	1.05500+	0	8.63550+	0	1.07300+	0	7.85700+	0	57	3	1	1070
1.09100+	0	6.51610+	0	1.118200+	0	-1.91280+	1	1.20000+	0	-2.30500+	1	57	3	1	1071
1.21800+	0	-2.44460+	1	1.23600+	0	-2.44660+	1	1.32700+	0	-1.46840+	1	57	3	1	1072
1.36400+	0	-1.28190+	1	1.45500+	0	-8.88020+	0	1.54500+	0	-6.70980+	0	57	3	1	1073
1.63600+	0	-5.25670+	0	1.72700+	0	-4.15820+	0	1.81800+	0	-3.42100+	0	57	3	1	1074
1.90900+	0	-2.66550+	0	2.00000+	0	-2.56000+	0	2.18200+	0	-1.91980+	0	57	3	1	1075
2.36400+	0	-2.15200+	0	2.45500+	0	-1.47840+	0	2.54500+	0	-2.15980+	0	57	3	1	1076
2.63600+	0	-3.90200+	0	2.69100+	0	-3.16510+	0	2.74500+	0	-2.25700+	0	57	3	1	1077
2.80000+	0	1.21000+	0	2.81800+	0	1.56920+	0	2.85500+	0	5.25700+	1	57	3	1	1078
2.92700+	0	-9.24500+	1	2.94500+	0	-9.74500+	1	3.01800+	0	3.17640+	0	57	3	1	1079
3.07200+	0	3.35410+	0	3.18200+	0	-3.67790+	0	3.21800+	0	-3.45340+	0	57	3	1	1080
3.27300+	0	-1.79080+	0	3.36400+	0	1.76150+	0	3.45500+	0	6.18410+	0	57	3	1	1081
3.49100+	0	6.84080+	0	3.54500+	0	6.69830+	0	3.58200+	0	3.70000+	3	57	3	1	1082

3.63600+	0-4.65000-	2	3.69100+	0-4.41050+	0	5.72700+	0-7.75150+	0	57	3	1	1083
3.81800+	0-6.80030+	0	3.90900+	0-5.71080+	0	5.00000+	0-4.72610+	0	57	3	1	1084
4.09100+	0-4.00010+	0	4.18200+	0-3.41310+	0	4.36400+	0-2.51660+	0	57	3	1	1085
4.54500+	0-2.31230+	0	4.63600+	0-7.81800-	1	4.72700+	0 2.08940+	0	57	3	1	1086
4.78200+	0 1.06640+	0	4.80000+	0 8.40000-	1	4.83600+	0 8.79100-	1	57	3	1	1087
4.85500+	0-4.25620+	0	4.89100+	0-8.02670+	0	4.90900+	0-4.35440+	0	57	3	1	1088
4.94500+	0-3.04460+	0	4.98100+	0-2.58920+	0	5.09100+	0-2.49940+	0	57	3	1	1089
5.14500+	0-2.54320+	0	5.18200+	0-2.15800+	0	5.21300+	0-1.03410+	0	57	3	1	1090
5.30900+	0-6.40400-	1	5.54500+	0-6.30000-	1	5.65500+	0-1.73700+	0	57	3	1	1091
5.72700+	0-1.45710+	0	5.81800+	0-1.47600-	1	5.90900+	0 1.45390+	0	57	3	1	1092
6.00000+	0 2.78000+	0	6.09100+	0 2.73820+	0	6.16400+	0 3.52140+	0	57	3	1	1093
6.21800+	0 1.80570+	0	6.25500+	0-1.34490+	0	6.29100+	0 2.92800-	1	57	3	1	1094
6.41800+	0-3.83200-	1	6.45500+	0-3.23480+	0	6.49100+	0-3.30610+	0	57	3	1	1095
6.54500+	0-2.52730+	0	6.63600+	0-4.01740+	0	6.72700+	0-3.99910+	0	57	3	1	1096
6.81800+	0-2.38160+	0	6.98200+	0 2.86000-	2	7.18200+	0-2.72000-	1	57	3	1	1097
7.29100+	0-3.83510+	0	7.81800+	0-3.98330+	0	8.00000+	0-2.24000+	0	57	3	1	1098
8.18100+	0-1.52000+	0	8.36300+	0 2.14300-	1	8.45300+	0 6.21900-	1	57	3	1	1099
8.92500+	0 2.73600-	1	9.01500+	0 2.52070+	1	9.05200+	0 2.87580+	1	57	3	1	1100
9.10600+	0 2.88180+	1	9.17900+	0 1.39580+	1	9.23300+	0 1.75720+	0	57	3	1	1101
9.30600+	0-1.56170+	0	9.36000+	0-2.39000+	0	9.43200+	0 7.61860+	0	57	3	1	1102
9.45100+	0 9.37780+	0	9.50500+	0 9.01430+	0	9.54100+	0 7.96090+	0	57	3	1	1103
9.70400+	0-1.08300-	1	9.75900+	0-2.21040+	0	9.99500+	0-2.31540+	0	57	3	1	1104
1.00850+	1-1.46230+	0	1.01760+	1-2.11800+	0	1.02670+	1-2.31740+	0	57	3	1	1105
1.03390+	1 1.20980+	0	1.04300+	1 1.98590+	0	1.06290+	1-5.84900-	1	57	3	1	1106
1.07200+	1-2.40000-	1	1.08110+	1 2.64400-	1	1.09370+	1-1.02000-	2	57	3	1	1107
1.09920+	1 7.53400-	1	1.12640+	1 4.51810+	0	1.14090+	1 5.55940+	0	57	3	1	1108
1.14450+	1 5.92910+	0	1.14810+	1 5.85310+	0	1.15540+	1 6.38500-	1	57	3	1	1109
1.18620+	1-6.35000-	1	1.18980+	1 2.95590+	0	1.20000+	1 7.02000+	0	57	3	1	1110
1.20910+	1 1.11890+	1	1.21450+	1 1.52010+	1	1.22000+	1 1.36300+	1	57	3	1	1111
1.23500+	1 2.20000-	1	1.24910+	1 1.28600-	1	1.25440+	1-4.22500-	1	57	3	1	1112
1.40850+	1 3.42500-	1	1.42670+	1 2.93350+	0	1.43570+	1 5.69300+	0	57	3	1	1113
1.44120+	1 5.63190+	0	1.44480+	1 4.58860+	0	1.46110+	1-5.27130+	0	57	3	1	1114
1.46470+	1-4.74250+	0	1.47370+	1-2.69040+	1	1.49010+	1 3.59700-	1	57	3	1	1115
1.50000+	1-1.99900-	1	1.50910+	1 5.24300-	1	1.51820+	1 5.71900-	1	57	3	1	1116
1.52730+	1-2.58000-	2	1.53640+	1 3.46200-	1	1.54550+	1 2.30000-	2	57	3	1	1117
1.55450+	1-1.66020+	0	1.56360+	1-1.66150+	0	1.57270+	1-1.85900-	1	57	3	1	1118
1.58180+	1 9.29200-	1	1.59090+	1 8.92300-	1	1.60000+	1 2.70000-	1	57	3	1	1119
1.60910+	1 4.00800-	1	1.61820+	1-3.23600-	1	1.62730+	1-2.44360+	0	57	3	1	1120
1.63640+	1-4.15600+	0	1.64360+	1-4.05630+	0	1.64910+	1-4.32370+	0	57	3	1	1121
1.65450+	1-4.18320+	0	1.66360+	1 3.37600-	1	1.67270+	1 1.42000-	1	57	3	1	1122
1.68180+	1 1.27330+	0	1.69090+	1 3.70940+	0	1.69450+	1 4.06730+	0	57	3	1	1123
1.70000+	1 3.36000+	0	1.70910+	1 3.02610+	0	1.71810+	1 1.95990+	0	57	3	1	1124
1.72730+	1 1.28500+	0	1.73640+	1 5.98800-	1	1.74550+	1 6.44800-	1	57	3	1	1125
1.75450+	1-1.52000-	2	1.76360+	1 5.78000-	2	1.77270+	1-2.00100-	1	57	3	1	1126
1.78180+	1-6.64100-	1	1.79090+	1-7.46000-	2	1.80910+	1 5.63600-	1	57	3	1	1127
1.81820+	1 1.80000-	3	1.82730+	1-1.60400-	1	1.83640+	1 3.42980+	0	57	3	1	1128
1.84550+	1 4.56460+	0	1.85450+	1 4.65460+	0	1.86360+	1 4.43210+	0	57	3	1	1129
1.87270+	1 2.82750+	0	1.88180+	1 2.07030+	0	1.89090+	1 2.18330+	0	57	3	1	1130
1.90000+	1 4.50000+	1	1.93810+	1 3.55680+	0	1.94360+	1 3.42200+	0	57	3	1	1131
1.94550+	1 7.17320+	0	1.94910+	1 1.38090+	1	1.95090+	1 1.65330+	1	57	3	1	1132
1.95270+	1 1.71550+	1	1.95450+	1 1.64080+	1	1.96180+	1 1.10290+	1	57	3	1	1133
1.96720+	1 8.42540+	0	1.97270+	1 6.42320+	0	1.98180+	1 4.36820+	0	57	3	1	1134
1.99090+	1 2.67840+	0	2.00000+	1 7.20000+	1	2.00910+	1-2.39100-	1	57	3	1	1135
2.02730+	1-1.02960+	0	2.03640+	1-1.10080+	0	2.04550+	1-3.17900+	0	57	3	1	1136
2.05450+	1-7.16670+	0	2.05820+	1-7.02610+	0	2.06360+	1-3.60400+	0	57	3	1	1137
2.06730+	1-9.70500-	1	2.07270+	1 3.84050+	0	2.07640+	1 5.94690+	0	57	3	1	1138
2.08180+	1 7.73990+	0	2.09090+	1 7.42070+	0	2.10000+	1 2.97000+	0	57	3	1	1139
2.10360+	1-1.62010+	0	2.10910+	1-7.07540+	0	2.11270+	1-1.46610+	1	57	3	1	1140
2.11820+	1-1.73900+	1	2.12180+	1-1.56290+	1	2.12640+	1-8.69740+	0	57	3	1	1141
2.13640+	1-3.87230+	0	2.14000+	1-3.96000+	0	2.14550+	1-3.66730+	0	57	3	1	1142
2.15450+	1-4.18000+	0	2.17270+	1-4.44070+	0	2.19090+	1-3.46800+	0	57	3	1	1143
2.20910+	1-2.69200+	0	2.22730+	1-1.53560+	0	2.24550+	1 7.00000-	2	57	3	1	1144
2.26360+	1 1.62530+	0	2.28180+	1 3.69760+	0	2.30000+	1 1.73000+	0	57	3	1	1145
2.31150+	1 3.93850+	0	2.32300+	1 3.40750+	0	2.34600+	1-1.61000+	0	57	3	1	1146
2.36900+	1-2.22200+	0	2.38740+	1-2.67560+	0	2.40110+	1-7.02020+	0	57	3	1	1147
2.41030+	1-6.58010+	0	2.43700+	1 7.97400-	1	2.46090+	1 7.63840+	0	57	3	1	1148
2.48390+	1 4.46840+	0	2.50690+	1-3.51000-	1	2.51610+	1-4.29000-	1	57	3	1	1149
2.53450+	1 9.61800-	1	2.55200+	1-1.37430+	0	2.55750+	1-1.15850+	0	57	3	1	1150
2.57130+	1-2.43900-	1	2.58510+	1-2.88510+	0	2.60340+	1-9.04490+	0	57	3	1	1151
2.61260+	1-9.60360+	0	2.62180+	1-6.88000+	0	2.64480+	1-1.06230+	0	57	3	1	1152
2.65400+	1-9.80000-	1	2.70000+	1-7.60000-	1	2.71380+	1-3.00300-	1	57	3	1	1153

2.73680+	1-2.46700-	1	2.74140+	1-2.40600-	1	2.75980+	1-2.02300-	1	57	3	1	1154
2.78280+	1-2.80000-	2	2.80570+	1-3.18700-	1	2.82870+	1-4.07400-	1	57	3	1	1155
2.84250+	1-3.04500-	1	2.85170+	1-3.50000-	1	2.87470+	1-1.33000-	1	57	3	1	1156
2.89770+	1-1.13020+	0	2.92070+	1-1.15010+	0	2.94370+	1-3.08100-	1	57	3	1	1157
2.96670+	1-3.43000-	2	2.98970+	1-6.29500-	1	3.00000+	1-4.90000-	1	57	3	1	1158
3.02290+	1-7.99600-	1	3.04570+	1-3.51900-	1	3.06860+	1-2.23100-	1	57	3	1	1159
3.07770+	1-2.16000-	1	3.09140+	1-3.77800-	1	3.09600+	1-4.50000-	1	57	3	1	1160
3.10970+	1-9.73000-	1	3.11430+	1-1.21580+	0	3.13710+	1-9.05200-	1	57	3	1	1161
3.16000+	1-7.20000-	1	3.16910+	1-2.60800-	1	3.18290+	1-2.94600-	1	57	3	1	1162
3.18740+	1-9.88000-	1	3.19640+	1-1.02670+	0	3.20570+	1-5.25500-	1	57	3	1	1163
3.21940+	1-1.93100-	1	3.22840+	1-6.45000-	1	3.25140+	1-2.22890+	0	57	3	1	1164
3.27430+	1-2.39240+	0	3.29710+	1-6.34400-	1	3.32000+	1-5.90000-	1	57	3	1	1165
3.35200+	1-1.82000+	0	3.36110+	1-6.70200-	1	3.37490+	1-8.59900-	1	57	3	1	1166
3.38860+	1-2.26000-	1	3.41140+	1-8.13600-	1	3.43430+	1-2.20710+	0	57	3	1	1167
3.44340+	1-9.08010+	0	3.44800+	1-1.59100+	1	3.45260+	1-2.23260+	1	57	3	1	1168
3.45710+	1-2.61010+	1	3.46170+	1-2.28810+	1	3.46630+	1-1.23990+	1	57	3	1	1169
3.47090+	1-6.43020+	0	3.47540+	1-4.75210+	0	3.48460+	1-1.97820+	0	57	3	1	1170
3.48910+	1-3.37010+	0	3.50290+	1-3.92500-	1	3.52570+	1-1.10360+	1	57	3	1	1171
3.54860+	1-1.80000-	2	3.57140+	1-2.14430+	0	3.59430+	1-3.48900-	1	57	3	1	1172
3.66290+	1-2.70000-	1	3.68570+	1-1.16020+	0	3.70860+	1-1.81000+	0	57	3	1	1173
3.73140+	1-2.63500-	1	3.75430+	1-5.30400-	1	3.77710+	1-7.20000-	1	57	3	1	1174
3.80000+	1-4.60000-	1	3.82290+	1-5.87100-	1	3.84570+	1-4.05800-	1	57	3	1	1175
3.86860+	1-2.91000-	1	3.89140+	1-3.26300-	0	3.91430+	1-3.18900+	0	57	3	1	1176
3.92340+	1-3.19160+	0	3.92800+	1-3.24000+	0	3.93710+	1-4.12280+	0	57	3	1	1177
3.95090+	1-2.15200-	1	3.96000+	1-4.70000-	1	3.96910+	1-5.21000-	1	57	3	1	1178
3.98290+	1-4.48700-	1	3.99660+	1-1.63800-	1	4.01940+	1-1.74800+	0	57	3	1	1179
4.05140+	1-1.87700-	1	4.06970+	1-2.57690+	0	4.07430+	1-3.21510+	0	57	3	1	1180
4.07890+	1-3.33980+	0	4.09710+	1-2.37930+	0	4.12000+	1-1.60000-	1	57	3	1	1181
4.14290+	1-3.19000-	2	4.15660+	1-2.85850+	0	4.16570+	1-1.68580+	0	57	3	1	1182
4.17940+	1-1.16300+	0	4.19770+	1-2.08360+	0	4.21140+	1-1.10140+	0	57	3	1	1183
4.22970+	1-1.34950+	0	4.23890+	1-3.64500-	1	4.25710+	1-8.23900-	1	57	3	1	1184
4.27090+	1-1.24490+	0	4.28000+	1-7.70000-	1	4.28910+	1-3.31450+	0	57	3	1	1185
4.30290+	1-1.55100-	1	4.32110+	1-2.07970+	0	4.33030+	1-2.00710+	0	57	3	1	1186
4.34860+	1-4.05910+	0	4.36690+	1-2.34870+	0	4.38040+	1-1.38340+	0	57	3	1	1187
4.40340+	1-1.66150+	0	4.41710+	1-2.02290+	0	4.44000+	1-4.30000-	1	57	3	1	1188
4.46290+	1-3.58000-	1	4.48570+	1-1.05410+	0	4.50860+	1-4.74000-	1	57	3	1	1189
4.53140+	1-9.43000-	1	4.55430+	1-8.31100-	1	4.57710+	1-1.05450+	0	57	3	1	1190
4.60000+	1-1.32000+	0	4.61810+	1-1.01000+	0	4.63630+	1-4.69900-	1	57	3	1	1191
4.65440+	1-1.20100+	0	4.67260+	1-1.07750+	0	4.72700+	1-4.44400-	1	57	3	1	1192
4.74510+	1-1.35490+	0	4.76330+	1-2.74700+	0	4.77410+	1-3.33170+	0	57	3	1	1193
4.78870+	1-1.17680+	0	4.79590+	1-6.13100-	1	4.80680+	1-3.85690+	0	57	3	1	1194
4.81770+	1-4.21300+	0	4.82840+	1-4.01700-	1	4.83950+	1-2.69500-	1	57	3	1	1195
4.85400+	1-5.35000+	0	4.86120+	1-6.19990+	0	4.86850+	1-5.39640+	0	57	3	1	1196
4.88660+	1-4.66870+	0	4.89340+	1-5.53180+	0	4.90110+	1-4.24920+	0	57	3	1	1197
4.91200+	1-2.40000-	1	4.91930+	1-3.07600-	1	4.93380+	1-3.58300-	1	57	3	1	1198
4.95560+	1-2.99570+	0	4.96640+	1-4.52200+	0	4.97730+	1-4.00760+	0	57	3	1	1199
4.99550+	1-1.07600+	0	5.01720+	1-1.46500-	1	5.18050+	1-1.07160+	0	57	3	1	1200
5.25310+	1-1.27460+	0	5.27120+	1-2.86600-	1	5.32560+	1-1.74800+	1	57	3	1	1201
5.34380+	1-8.96000-	2	5.36190+	1-2.38950+	0	5.38000+	1-2.41000+	0	57	3	1	1202
5.40000+	1-6.50000-	1	5.41810+	1-3.60400-	1	5.43630+	1-4.09600-	1	57	3	1	1203
5.45440+	1-3.49700-	1	5.47260+	1-1.55100-	1	5.49070+	1-5.98400-	1	57	3	1	1204
5.50880+	1-4.56200-	1	5.52700+	1-1.19370+	0	5.54510+	1-1.01860+	0	57	3	1	1205
5.56330+	1-3.39000-	1	5.58140+	1-2.33900-	1	5.59950+	1-2.04820+	0	57	3	1	1206
5.61770+	1-1.79600+	0	5.62860+	1-4.60720+	0	5.63580+	1-8.48300-	1	57	3	1	1207
5.64310+	1-4.26260+	0	5.66490+	1-8.64300-	1	5.67940+	1-5.07910+	0	57	3	1	1208
5.69020+	1-2.15820+	0	5.71200+	1-4.51200-	1	5.72650+	1-7.27000-	2	57	3	1	1209
5.76280+	1-3.38000-	1	5.78100+	1-7.58700-	1	5.79910+	1-3.53160+	0	57	3	1	1210
5.81720+	1-3.12400-	1	5.83170+	1-1.77000+	0	5.83900+	1-1.51880+	0	57	3	1	1211
5.84990+	1-6.12600-	1	5.85710+	1-1.76280+	0	5.86800+	1-2.05000+	0	57	3	1	1212
5.88250+	1-1.77820+	0	5.90070+	1-7.42300-	1	5.91160+	1-1.10400+	0	57	3	1	1213
5.94420+	1-3.38600-	1	5.96240+	1-5.18000-	2	5.98050+	1-3.46900-	1	57	3	1	1214
6.21810+	1-6.11200+	1	6.22900+	1-7.35000-	1	6.25440+	1-6.47800-	1	57	3	1	1215
6.27260+	1-5.16500-	1	6.37410+	1-8.79900-	1	6.39230+	1-9.50000-	1	57	3	1	1216
6.40320+	1-9.49400-	1	6.41410+	1-1.02210+	0	6.42490+	1-1.37500+	0	57	3	1	1217
6.43220+	1-1.38680+	0	6.44310+	1-9.64700-	1	6.45400+	1-7.30000-	1	57	3	1	1218
6.46490+	1-6.40500+	1	6.47210+	1-6.09400-	1	6.49020+	1-5.59700-	1	57	3	1	1219
6.52650+	1-5.10000-	1	6.54470+	1-5.10000-	1	6.56280+	1-5.91300-	1	57	3	1	1220
6.57730+	1-7.47800-	1	6.58820+	1-6.78200-	1	6.59910+	1-5.79000-	1	57	3	1	1221
6.61000+	1-5.50000-	1	6.61720+	1-5.62100-	1	6.63540+	1-8.14500-	1	57	3	1	1222
6.64630+	1-7.55500-	1	6.65710+	1-7.64500-	1	6.68250+	1-5.01800-	1	57	3	1	1223
6.76240+	1-5.20000-	1	6.78050+	1-5.30500-	1	6.81680+	1-5.10600-	1	57	3	1	1224

6.85310+	1-4.54300-	1	6.94000+	1-3.30000-	1	6.96190+	1 2.41040+	0	57 3	1 1225
6.98000+	1 3.50000+	0	7.00000+	1 3.60000+	0	7.01810+	1-4.43000-	2	57 3	1 1226
7.03630+	1 7.33100-	0	7.05440+	1-2.83260-	0	7.07260+	1-4.86730-	0	57 3	1 1227
7.09070+	1-3.52780+	0	7.10880+	1-1.67130-	0	7.12700+	1-6.74400-	1	57 3	1 1228
7.15600+	1-1.00000+	0	7.18140+	1-3.68240-	0	7.19230+	1-4.62130-	0	57 3	1 1229
7.19950+	1-4.45460+	0	7.20680+	1-4.00650-	0	7.21040+	1-2.59890-	0	57 3	1 1230
7.21770+	1-4.92100-	1	7.23220+	1-5.99100-	1	7.25030+	1-5.78000-	1	57 3	1 1231
7.26850+	1 4.73050-	0	7.27210+	1 1.71610-	0	7.28300+	1-1.27120-	0	57 3	1 1232
7.29020+	1-1.36990+	0	7.29750+	1-1.60790-	0	7.30840+	1-1.32160+	0	57 3	1 1233
7.32650+	1-8.78300-	1	7.36280+	1-7.66700-	1	7.38100+	1-7.69900-	1	57 3	1 1234
7.39910+	1-8.04900-	1	7.44260+	1-4.66500-	1	7.45710+	1 3.48350+	0	57 3	1 1235
7.47890+	1 1.60120+	1	7.48250+	1 1.58700+	1	7.48620+	1 1.33060+	1	57 3	1 1236
7.48980+	1 8.24280+	0	7.49340+	1 6.40610+	0	7.49710+	1 4.57330+	0	57 3	1 1237
7.50430+	1 2.06360+	0	7.50790+	1 1.03880+	0	7.51880+	1-1.24130+	0	57 3	1 1238
7.54420+	1-2.77120-	0	7.55870+	1-2.78910-	0	7.58050+	1-1.33400+	0	57 3	1 1239
7.60230+	1-9.47000-	1	7.61680+	1-9.55400-	1	7.67480+	1-1.02510+	0	57 3	1 1240
7.69660+	1-8.99400-	1	7.71110+	1-9.04900-	1	7.75620+	1-1.10810+	0	57 3	1 1241
7.76190+	1-1.06090+	0	7.83000+	1-1.21000+	0	7.83630+	1 4.62480+	0	57 3	1 1242
7.85440+	1 5.93180+	0	7.87260+	1 4.83890+	0	7.89070+	1 4.24000+	0	57 3	1 1243
7.90880+	1 2.50940+	0	7.92700+	1 1.31000+	0	7.94510+	1-1.12550+	0	57 3	1 1244
7.98140+	1-1.11300+	0	7.99950+	1 1.18030+	0	8.00680+	1 1.11200+	0	57 3	1 1245
8.02490+	1-1.52470+	0	8.04670+	1-1.43340+	0	8.07570+	1 1.78020+	0	57 3	1 1246
8.08660+	1-1.86650+	0	8.09750+	1 1.24290+	0	8.10840+	1 3.96500-	1	57 3	1 1247
8.13380+	1-1.68580+	0	8.15190+	1-1.65140+	0	8.16280+	1-1.49200+	0	57 3	1 1248
8.18100+	1 5.80600-	1	8.20000+	1 1.04000+	0	8.20000+	1 0.00000+	0	57 3	1 1249
1.00000+	3 0.00000+	0	1.30000+	4 0.00000+	0	2.50000+	4 1.29730-	2	57 3	1 1250
2.50000+	4 1.41000+	1	2.53000+	4 1.40820+	1	2.57000+	4 1.40590+	1	57 3	1 1251
2.62000+	4 1.40320+	1	2.65000+	4 1.40150+	1	2.72000+	4 1.39770+	1	57 3	1 1252
2.75000+	4 1.39610+	1	2.83000+	4 1.39190+	1	2.88000+	4 1.38930+	1	57 3	1 1253
2.93000+	4 1.38690+	1	2.98000+	4 1.38440+	1	3.00000+	4 1.38340+	1	57 3	1 1254
3.11000+	4 1.37730+	1	3.13000+	4 1.37620+	1	3.18000+	4 1.37350+	1	57 3	1 1255
3.21000+	4 1.37190+	1	3.25000+	4 1.36970+	1	3.28000+	4 1.36820+	1	57 3	1 1256
3.42000+	4 1.36110+	1	3.45000+	4 1.35960+	1	3.50000+	4 1.35710+	1	57 3	1 1257
3.62000+	4 1.35130+	1	3.65000+	4 1.34990+	1	3.70000+	4 1.34770+	1	57 3	1 1258
3.79000+	4 1.34360+	1	3.87000+	4 1.34000+	1	3.91000+	4 1.33820+	1	57 3	1 1259
3.94000+	4 1.33700+	1	4.00000+	4 1.33440+	1	4.04000+	4 1.33250+	1	57 3	1 1260
4.10000+	4 1.32970+	1	4.15000+	4 1.32730+	1	4.20000+	4 1.32500+	1	57 3	1 1261
4.30000+	4 1.32060+	1	4.36000+	4 1.31790+	1	4.38000+	4 1.31700+	1	57 3	1 1262
4.43000+	4 1.31480+	1	4.48000+	4 1.31270+	1	4.50000+	4 1.31170+	1	57 3	1 1263
4.52000+	4 1.31090+	1	4.54000+	4 1.31010+	1	4.60000+	4 1.30760+	1	57 3	1 1264
4.62000+	4 1.30680+	1	4.65000+	4 1.30500+	1	4.68000+	4 1.30430+	1	57 3	1 1265
4.73000+	4 1.30220+	1	4.76000+	4 1.30100+	1	4.82000+	4 1.29860+	1	57 3	1 1266
4.84000+	4 1.29780+	1	4.88000+	4 1.29620+	1	4.90000+	4 1.29530+	1	57 3	1 1267
5.00000+	4 1.29150+	1	5.02000+	4 1.29080+	1	5.06000+	4 1.28940+	1	57 3	1 1268
5.09000+	4 1.28840+	1	5.12000+	4 1.28740+	1	5.15000+	4 1.28630+	1	57 3	1 1269
5.22000+	4 1.28390+	1	5.25000+	4 1.28290+	1	5.35000+	4 1.27970+	1	57 3	1 1270
5.39000+	4 1.27830+	1	5.42000+	4 1.27740+	1	5.46000+	4 1.27610+	1	57 3	1 1271
5.50000+	4 1.27480+	1	5.53000+	4 1.27380+	1	5.57000+	4 1.27250+	1	57 3	1 1272
5.61000+	4 1.27140+	1	5.67000+	4 1.26950+	1	5.71000+	4 1.26830+	1	57 3	1 1273
5.76000+	4 1.26670+	1	5.79000+	4 1.26580+	1	5.83000+	4 1.26460+	1	57 3	1 1274
5.87000+	4 1.26340+	1	5.91000+	4 1.26220+	1	5.92000+	4 1.26190+	1	57 3	1 1275
5.98000+	4 1.26020+	1	6.00000+	4 1.25900+	1	6.03000+	4 1.25870+	1	57 3	1 1276
6.12000+	4 1.25620+	1	6.15000+	4 1.25530+	1	6.20000+	4 1.25390+	1	57 3	1 1277
6.25000+	4 1.25260+	1	6.29000+	4 1.25150+	1	6.32000+	4 1.25060+	1	57 3	1 1278
6.42000+	4 1.24790+	1	6.47000+	4 1.24660+	1	6.50000+	4 1.24580+	1	57 3	1 1279
6.51000+	4 1.24550+	1	6.61000+	4 1.24290+	1	6.65000+	4 1.24190+	1	57 3	1 1280
6.70000+	4 1.24060+	1	6.74000+	4 1.23950+	1	6.80000+	4 1.23800+	1	57 3	1 1281
6.83000+	4 1.23720+	1	6.89000+	4 1.23570+	1	6.94000+	4 1.23450+	1	57 3	1 1282
7.00000+	4 1.23300+	1	7.03000+	4 1.23220+	1	7.07000+	4 1.23060+	1	57 3	1 1283
7.20000+	4 1.22780+	1	7.25000+	4 1.22650+	1	7.31000+	4 1.22500+	1	57 3	1 1284
7.37000+	4 1.22350+	1	7.41000+	4 1.22250+	1	7.48000+	4 1.22080+	1	57 3	1 1285
7.50000+	4 1.22030+	1	7.53000+	4 1.21960+	1	7.58000+	4 1.21830+	1	57 3	1 1286
7.65000+	4 1.21650+	1	7.70000+	4 1.21540+	1	7.76000+	4 1.21400+	1	57 3	1 1287
7.84000+	4 1.21210+	1	7.89000+	4 1.21090+	1	7.94000+	4 1.20980+	1	57 3	1 1288
8.00000+	4 1.20840+	1	8.07000+	4 1.20710+	1	8.20000+	4 1.20470+	1	57 3	1 1289
8.27000+	4 1.20340+	1	8.33000+	4 1.20240+	1	8.40000+	4 1.20110+	1	57 3	1 1290
8.47000+	4 1.19980+	1	8.50000+	4 1.19930+	1	8.53000+	4 1.19880+	1	57 3	1 1291
8.61000+	4 1.19740+	1	8.68000+	4 1.19610+	1	8.75000+	4 1.19490+	1	57 3	1 1292
8.83000+	4 1.19360+	1	8.90000+	4 1.19240+	1	9.00000+	4 1.19070+	1	57 3	1 1293
9.03000+	4 1.19040+	1	9.12000+	4 1.18950+	1	9.20000+	4 1.18800+	1	57 3	1 1294
9.36000+	4 1.18720+	1	9.44000+	4 1.18650+	1	9.50000+	4 1.18590+	1	57 3	1 1295



9.52000+	4	1.18570+	1	9.60000+	4	1.18500+	1	9.68000+	4	1.18430+	1	57	3	1	1296
9.77000+	4	1.18340+	1	9.85000+	4	1.18270+	1	9.93000+	4	1.18200+	1	57	3	1	1297
9.99000+	4	1.18150+	1	1.00000+	5	1.18140+	1	1.03000+	5	1.17530+	1	57	3	1	1298
1.20000+	5	1.14370+	1	1.35000+	5	1.11940+	1	1.40000+	5	1.11190+	1	57	3	1	1299
1.50000+	5	1.09660+	1	1.60000+	5	1.08240+	1	1.73000+	5	1.06400+	1	57	3	1	1300
1.80000+	5	1.05470+	1	2.00000+	5	1.02990+	1	2.07000+	5	1.01970+	1	57	3	1	1301
2.15000+	5	1.00840+	1	2.20000+	5	1.00160+	1	2.25000+	5	9.94930+	0	57	3	1	1302
2.35000+	5	9.82020+	0	2.40000+	5	9.75770+	0	2.50000+	5	9.63530+	0	57	3	1	1303
2.60000+	5	9.51770+	0	2.70000+	5	9.40340+	0	2.80000+	5	9.29330+	0	57	3	1	1304
3.00000+	5	9.08430+	0	3.20000+	5	8.88890+	0	3.25000+	5	8.84200+	0	57	3	1	1305
3.40000+	5	8.70530+	0	3.50000+	5	8.62360+	0	3.60000+	5	8.54430+	0	57	3	1	1306
3.80000+	5	8.40380+	0	4.00000+	5	8.27050+	0	4.20000+	5	8.14380+	0	57	3	1	1307
4.40000+	5	8.02290+	0	4.50000+	5	7.96610+	0	4.60000+	5	7.91050+	0	57	3	1	1308
4.70000+	5	7.85780+	0	4.80000+	5	7.80610+	0	5.00000+	5	7.70570+	0	57	3	1	1309
5.20000+	5	7.60930+	0	5.40000+	5	7.51680+	0	5.50000+	5	7.47170+	0	57	3	1	1310
5.60000+	5	7.42740+	0	5.70000+	5	7.38390+	0	5.80000+	5	7.34130+	0	57	3	1	1311
6.00000+	5	7.25800+	0	6.20000+	5	7.21640+	0	6.40000+	5	7.17600+	0	57	3	1	1312
6.50000+	5	7.15640+	0	6.60000+	5	7.13710+	0	6.70000+	5	7.11800+	0	57	3	1	1313
6.80000+	5	7.09920+	0	7.00000+	5	7.06240+	0	7.20000+	5	7.02670+	0	57	3	1	1314
7.30000+	5	7.00920+	0	7.40000+	5	6.99190+	0	7.50000+	5	6.97490+	0	57	3	1	1315
7.60000+	5	6.95810+	0	7.70000+	5	6.94150+	0	7.75000+	5	6.93330+	0	57	3	1	1316
7.80000+	5	6.92510+	0	8.00000+	5	6.89300+	0	8.20000+	5	6.85540+	0	57	3	1	1317
8.40000+	5	6.81900+	0	8.50000+	5	6.80580+	0	8.60000+	5	6.79290+	0	57	3	1	1318
8.80000+	5	6.77670+	0	9.00000+	5	6.76100+	0	9.20000+	5	6.73990+	0	57	3	1	1319
9.40000+	5	6.71930+	0	9.50000+	5	6.70920+	0	9.60000+	5	6.69910+	0	57	3	1	1320
9.70000+	5	6.68920+	0	9.80000+	5	6.67930+	0	1.00000+	6	6.66000+	0	57	3	1	1321
1.05000+	6	6.67150+	0	1.10000+	6	6.68240+	0	1.15000+	6	6.69300+	0	57	3	1	1322
1.20000+	6	6.70290+	0	1.25000+	6	6.71250+	0	1.29500+	6	6.72080+	0	57	3	1	1323
1.30000+	6	6.72170+	0	1.35000+	6	6.73060+	0	1.40000+	6	6.73920+	0	57	3	1	1324
1.45000+	6	6.74740+	0	1.49500+	6	6.75460+	0	1.50000+	6	6.75540+	0	57	3	1	1325
1.60000+	6	6.81740+	0	1.70000+	6	6.87570+	0	1.80000+	6	6.93070+	0	57	3	1	1326
1.90000+	6	6.98270+	0	2.00000+	6	7.03200+	0	2.10000+	6	7.10780+	0	57	3	1	1327
2.20000+	6	7.18000+	0	2.30000+	6	7.24900+	0	2.40000+	6	7.31510+	0	57	3	1	1328
2.50000+	6	7.47730+	0	2.60000+	6	7.52620+	0	2.70000+	6	7.59320+	0	57	3	1	1329
2.80000+	6	7.67010+	0	2.90000+	6	7.74910+	0	3.00000+	6	7.82190+	0	57	3	1	1330
3.10000+	6	7.88050+	0	3.20000+	6	7.91900+	0	3.30000+	6	7.93940+	0	57	3	1	1331
3.40000+	6	7.94570+	0	3.50000+	6	7.94210+	0	3.60000+	6	7.93270+	0	57	3	1	1332
3.70000+	6	7.92160+	0	3.80000+	6	7.91190+	0	3.90000+	6	7.90340+	0	57	3	1	1333
4.00000+	6	7.89480+	0	4.10000+	6	7.88500+	0	4.20000+	6	7.87260+	0	57	3	1	1334
4.30000+	6	7.85640+	0	4.40000+	6	7.83560+	0	4.50000+	6	7.81020+	0	57	3	1	1335
4.60000+	6	7.78060+	0	4.70000+	6	7.74720+	0	4.80000+	6	7.71030+	0	57	3	1	1336
4.90000+	6	7.67030+	0	5.00000+	6	7.62770+	0	5.10000+	6	7.58270+	0	57	3	1	1337
5.20000+	6	7.53580+	0	5.25000+	6	7.51170+	0	5.30000+	6	7.48730+	0	57	3	1	1338
5.40000+	6	7.43760+	0	5.50000+	6	7.38710+	0	5.60000+	6	7.33610+	0	57	3	1	1339
5.70000+	6	7.28480+	0	5.80000+	6	7.23320+	0	5.90000+	6	7.18150+	0	57	3	1	1340
6.00000+	6	7.12970+	0	6.10000+	6	7.07800+	0	6.20000+	6	7.02630+	0	57	3	1	1341
6.30000+	6	6.97490+	0	6.40000+	6	6.92380+	0	6.50000+	6	6.87310+	0	57	3	1	1342
6.60000+	6	6.82300+	0	6.70000+	6	6.77340+	0	6.80000+	6	6.72450+	0	57	3	1	1343
6.90000+	6	6.67640+	0	7.00000+	6	6.62910+	0	7.10000+	6	6.58290+	0	57	3	1	1344
7.20000+	6	6.53760+	0	7.30000+	6	6.49350+	0	7.40000+	6	6.45060+	0	57	3	1	1345
7.50000+	6	6.40890+	0	7.60000+	6	6.36860+	0	7.65000+	6	6.34890+	0	57	3	1	1346
7.70000+	6	6.32960+	0	7.80000+	6	6.29220+	0	7.90000+	6	6.25620+	0	57	3	1	1347
8.00000+	6	6.22190+	0	8.20000+	6	6.15840+	0	8.40000+	6	6.10230+	0	57	3	1	1348
8.50000+	6	6.07710+	0	8.60000+	6	6.05390+	0	8.80000+	6	6.01310+	0	57	3	1	1349
9.00000+	6	5.97840+	0	9.20000+	6	5.94860+	0	9.40000+	6	5.92220+	0	57	3	1	1350
9.50000+	6	5.91000+	0	9.60000+	6	5.89810+	0	9.80000+	6	5.87470+	0	57	3	1	1351
1.00000+	7	5.85090+	0	1.05000+	7	5.78710+	0	1.10000+	7	5.73040+	0	57	3	1	1352
1.15000+	7	5.69940+	0	1.19000+	7	5.70210+	0	1.20000+	7	5.70590+	0	57	3	1	1353
1.25000+	7	5.73550+	0	1.30000+	7	5.76690+	0	1.35000+	7	5.78480+	0	57	3	1	1354
1.40000+	7	5.79650+	0	1.45000+	7	5.81540+	0	1.50000+	7	5.85460+	0	57	3	1	1355
												57	3	0	1356
9.22350+	4	2.33025+	2				99					57	3	2	1357
0.00000+	0	0.00000+	0								990	57	3	2	1358
	676		2		990		3					57	3	2	1359
1.00000-	5	1.59100+	1	1.00000-	4	1.59100+	1	5.00000-	4	1.59100+	1	57	3	2	1360
1.00000-	3	1.59050+	1	2.00000-	3	1.59000+	1	3.00000-	3	1.58940+	1	57	3	2	1361
4.00000-	3	1.58890+	1	5.00000-	3	1.58840+	1	6.00000-	3	1.58780+	1	57	3	2	1362
7.00000-	3	1.58730+	1	8.00000-	3	1.58680+	1	9.00000-	3	1.58620+	1	57	3	2	1363
1.00000-	2	1.58570+	1	1.10000-	2	1.58520+	1	1.20000-	2	1.58460+	1	57	3	2	1364
1.30000-	2	1.58410+	1	1.40000-	2	1.58360+	1	1.50000-	2	1.58310+	1	57	3	2	1365
1.60000-	2	1.58250+	1	1.70000-	2	1.58200+	1	1.80000-	2	1.58150+	1	57	3	2	1366

1.90000-	2	1.58100+	1	2.00000-	2	1.58040+	1	2.10000-	2	1.57990+	1	57	3	2	1367
2.20000-	2	1.57940+	1	2.30000-	2	1.57890+	1	2.40000-	2	1.57830+	1	57	3	2	1368
2.53000-	2	1.57780+	1	2.60000-	2	1.57730+	1	2.70000-	2	1.57680+	1	57	3	2	1369
2.80000-	2	1.57630+	1	2.90000-	2	1.57570+	1	3.00000-	2	1.57520+	1	57	3	2	1370
3.10000-	2	1.57470+	1	3.20000-	2	1.57420+	1	3.30000-	2	1.57370+	1	57	3	2	1371
3.40000-	2	1.57320+	1	3.50000-	2	1.57260+	1	3.60000-	2	1.57210+	1	57	3	2	1372
3.70000-	2	1.57160+	1	3.80000-	2	1.57110+	1	3.90000-	2	1.57060+	1	57	3	2	1373
4.00000-	2	1.57010+	1	4.10000-	2	1.56960+	1	4.20000-	2	1.56910+	1	57	3	2	1374
4.30000-	2	1.56850+	1	4.40000-	2	1.56800+	1	4.50000-	2	1.56750+	1	57	3	2	1375
4.60000-	2	1.56700+	1	4.70000-	2	1.56650+	1	4.80000-	2	1.56600+	1	57	3	2	1376
4.90000-	2	1.56550+	1	5.00000-	2	1.56500+	1	5.10000-	2	1.56450+	1	57	3	2	1377
5.20000-	2	1.56400+	1	5.30000-	2	1.56350+	1	5.40000-	2	1.56300+	1	57	3	2	1378
5.50000-	2	1.56250+	1	5.60000-	2	1.56200+	1	5.70000-	2	1.56140+	1	57	3	2	1379
5.80000-	2	1.56090+	1	5.90000-	2	1.56040+	1	6.00000-	2	1.55990+	1	57	3	2	1380
6.10000-	2	1.55940+	1	6.20000-	2	1.55890+	1	6.30000-	2	1.55840+	1	57	3	2	1381
6.40000-	2	1.55790+	1	6.50000-	2	1.55740+	1	6.60000-	2	1.55690+	1	57	3	2	1382
6.70000-	2	1.55640+	1	6.80000-	2	1.55590+	1	6.90000-	2	1.55550+	1	57	3	2	1383
7.00000-	2	1.55500+	1	7.10000-	2	1.55450+	1	7.20000-	2	1.55400+	1	57	3	2	1384
7.30000-	2	1.55350+	1	7.40000-	2	1.55300+	1	7.50000-	2	1.55250+	1	57	3	2	1385
7.60000-	2	1.55200+	1	7.70000-	2	1.55150+	1	7.80000-	2	1.55100+	1	57	3	2	1386
7.90000-	2	1.55050+	1	8.00000-	2	1.55000+	1	8.10000-	2	1.54950+	1	57	3	2	1387
8.20000-	2	1.54900+	1	8.30000-	2	1.54850+	1	8.40000-	2	1.54800+	1	57	3	2	1388
8.50000-	2	1.54760+	1	8.60000-	2	1.54710+	1	8.70000-	2	1.54660+	1	57	3	2	1389
8.80000-	2	1.54610+	1	8.90000-	2	1.54560+	1	9.00000-	2	1.54510+	1	57	3	2	1390
9.10000-	2	1.54460+	1	9.20000-	2	1.54410+	1	9.30000-	2	1.54370+	1	57	3	2	1391
9.40000-	2	1.54320+	1	9.50000-	2	1.54270+	1	9.60000-	2	1.54220+	1	57	3	2	1392
9.70000-	2	1.54170+	1	9.80000-	2	1.54120+	1	9.90000-	2	1.54070+	1	57	3	2	1393
1.00000-	1	1.54030+	1	1.40000-	1	1.52120+	1	1.80000-	1	1.50280+	1	57	3	2	1394
2.03340-	1	1.49250+	1	2.23340-	1	1.48460+	1	2.43340-	1	1.47840+	1	57	3	2	1395
2.63340-	1	1.47510+	1	2.83340-	1	1.47520+	1	3.03340-	1	1.47640+	1	57	3	2	1396
3.23340-	1	1.47540+	1	3.43340-	1	1.47130+	1	3.63340-	1	1.46500+	1	57	3	2	1397
3.83340-	1	1.45790+	1	4.03340-	1	1.45060+	1	4.23340-	1	1.44170+	1	57	3	2	1398
4.64920-	1	1.42910+	1	5.04920-	1	1.41630+	1	5.44920-	1	1.40420+	1	57	3	2	1399
5.84920-	1	1.39280+	1	6.24920-	1	1.38190+	1	6.64920-	1	1.37150+	1	57	3	2	1400
7.04920-	1	1.36140+	1	7.44920-	1	1.35150+	1	7.84920-	1	1.34190+	1	57	3	2	1401
8.24920-	1	1.33230+	1	8.64920-	1	1.32280+	1	9.04920-	1	1.31310+	1	57	3	2	1402
9.44920-	1	1.30310+	1	9.84920-	1	1.29290+	1	1.00000+	0	1.28852+	1	57	3	2	1403
1.00000+	0	-7.23000-	1	1.05500+	0	-6.54500-	1	1.07300+	0	-6.43000-	1	57	3	2	1404
1.09100+	0	-6.33900-	1	1.18200+	0	-5.84850-	1	1.20000+	0	-5.50000-	1	57	3	2	1405
1.21800+	0	-5.85900-	1	1.23600+	0	-6.06200-	1	1.32700+	0	-6.84500-	1	57	3	2	1406
1.36400+	0	-6.79500-	1	1.45500+	0	-6.70200-	1	1.54500+	0	-6.39800-	1	57	3	2	1407
1.63600+	0	-6.16700-	1	1.72700+	0	-5.88200-	1	1.81800+	0	-5.61000-	1	57	3	2	1408
1.90900+	0	-5.25500-	1	2.00000+	0	-4.20000-	1	2.18200+	0	-4.89800-	1	57	3	2	1409
2.36400+	0	-4.42000-	1	2.45500+	0	-4.08400-	1	2.54500+	0	-3.69800-	1	57	3	2	1410
2.63600+	0	-3.32000-	1	2.69100+	0	-3.05100-	1	2.74500+	0	-2.57000-	1	57	3	2	1411
2.80000+	0	-2.20000-	1	2.81800+	0	-2.10800-	1	2.85500+	0	-1.84300-	1	57	3	2	1412
2.92700+	0	-2.14500-	1	2.94500+	0	-2.64500-	1	3.01800+	0	-3.93600-	1	57	3	2	1413
3.07200+	0	-2.15900-	1	3.18200+	0	-1.07900-	1	3.21800+	0	-2.43500-	1	57	3	2	1414
3.27300+	0	-3.60800-	1	3.36400+	0	-3.78500-	1	3.45500+	0	-3.15900-	1	57	3	2	1415
3.49100+	0	-2.59200-	1	3.54500+	0	-1.01700-	1	3.58200+	0	3.70000-	3	57	3	2	1416
3.63600+	0	-4.65000-	2	3.69100+	0	-2.90500-	1	3.72700+	0	-3.51500-	1	57	3	2	1417
3.81800+	0	-3.70300-	1	3.89900+	0	-3.50800-	1	3.80000+	0	-3.26100-	1	57	3	2	1418
4.09100+	0	-3.00100-	1	4.18200+	0	-2.73100-	1	4.36400+	0	-2.26600-	1	57	3	2	1419
4.54500+	0	-1.72300-	1	4.63600+	0	-1.31800-	1	4.72700+	0	-5.06000-	2	57	3	2	1420
4.78200+	0	6.64000-	2	4.80000+	0	1.30000-	1	4.83600+	0	1.69100-	1	57	3	2	1421
4.85500+	0	3.38000-	2	4.89100+	0	-1.96700-	1	4.90900+	0	-2.14400-	1	57	3	2	1422
4.94500+	0	-1.84600-	1	4.98100+	0	-1.59200-	1	5.09100+	0	-6.94000-	2	57	3	2	1423
5.14500+	0	-4.32000-	2	5.18200+	0	-1.80000-	2	5.27300+	0	3.59000-	2	57	3	2	1424
5.30900+	0	6.96000-	2	5.54500+	0	8.00000-	2	5.65500+	0	5.30000-	2	57	3	2	1425
5.72700+	0	-2.71000-	2	5.81800+	0	-1.47600-	1	5.90900+	0	-1.86100-	1	57	3	2	1426
6.00000+	0	-8.00000-	2	6.09100+	0	2.38200-	1	6.16400+	0	5.91400-	1	57	3	2	1427
6.21800+	0	5.95700-	1	6.25500+	0	4.45100-	1	6.29100+	0	2.92800-	1	57	3	2	1428
6.41800+	0	-3.83200-	1	6.45500+	0	-5.34800-	1	6.49100+	0	-4.46100-	1	57	3	2	1429
6.54500+	0	-3.87300-	1	6.63600+	0	-3.37400-	1	6.72700+	0	-2.89100-	1	57	3	2	1430
6.81800+	0	-2.41600-	1	6.98200+	0	2.86000-	2	7.18200+	0	-2.72000-	1	57	3	2	1431
7.29100+	0	-2.65100-	1	7.81800+	0	-5.33000-	2	8.00000+	0	5.00000-	2	57	3	2	1432
8.18100+	0	2.00000-	1	8.36300+	0	4.24300-	1	8.45300+	0	6.21900-	1	57	3	2	1433
8.92500+	0	2.73600-	1	9.01500+	0	-5.13200-	1	9.05200+	0	-5.31800-	1	57	3	2	1434
9.10600+	0	-4.71500-	1	9.17900+	0	-3.31700-	1	9.23300+	0	-3.82800-	1	57	3	2	1435
9.30600+	0	-1.31700-	1	9.36000+	0	1.10000-	1	9.43200+	0	-2.41400-	1	57	3	2	1436
9.45100+	0	-2.62200-	1	9.50500+	0	-2.75700-	1	9.54100+	0	-2.49100-	1	57	3	2	1437
9.70400+	0	-1.08300-	1	9.75900+	0	-7.04000-	2	9.99500+	0	-1.75400-	1	57	3	2	1438

1.00850+	1-3.23000-	2	1.01740+	1	2.20000-	2	1.02670+	1	-1.77400-	1	57	3	2	1439
1.03390+	1-2.20200-	1	1.04300+	1	-1.54400-	1	1.06290+	1	-1.49000-	2	57	3	2	1440
1.07200+	1 4.00000-	2	1.08110+	1	5.44000-	2	1.09370+	1	5.98000-	2	57	3	2	1441
1.09920+	1 4.34000-	2	1.12640+	1	1.81000-	2	1.14090+	1	1.09400-	1	57	3	2	1442
1.14450+	1 1.69100-	1	1.14810+	1	2.53100-	1	1.15540+	1	6.38500-	1	57	3	2	1443
1.18620+	1-6.35000-	1	1.18980+	1	-5.44400-	1	1.20000+	1	-3.80000-	1	57	3	2	1444
1.20910+	1-2.41400-	1	1.21450+	1	-1.48600-	1	1.22000+	1	-1.00000-	2	57	3	2	1445
1.23500+	1 2.20000-	1	1.24910+	1	1.28600-	1	1.25440+	1	-4.22500-	1	57	3	2	1446
1.40850+	1 3.42500-	1	1.42670+	1	7.35000-	2	1.43570+	1	-1.70000-	2	57	3	2	1447
1.44120+	1-7.81000-	2	1.44480+	1	-1.21400-	1	1.46110+	1	-2.71300-	1	57	3	2	1448
1.46470+	1-2.42500-	1	1.47370+	1	-2.20400-	1	1.49010+	1	-2.10300-	1	57	3	2	1449
1.50000+	1-1.99900-	1	1.50910+	1	-1.85700-	1	1.51820+	1	-1.38100-	1	57	3	2	1450
1.52730+	1-2.58000-	2	1.53640+	1	3.46200-	1	1.54550+	1	2.30000-	2	57	3	2	1451
1.55450+	1-2.30200-	1	1.56360+	1	-2.21500-	1	1.57270+	1	-1.85900-	1	57	3	2	1452
1.58180+	1-1.40800-	1	1.59090+	1	-3.77000-	2	1.60000+	1	2.70000-	1	57	3	2	1453
1.60910+	1 4.00800-	1	1.61820+	1	-3.23600-	1	1.62730+	1	-2.93600-	1	57	3	2	1454
1.63640+	1-2.06000-	1	1.64360+	1	-1.26300-	1	1.64910+	1	-3.37000-	2	57	3	2	1455
1.65450+	1 1.06800-	1	1.66360+	1	3.37600-	1	1.67270+	1	1.42000-	1	57	3	2	1456
1.68180+	1-1.56700-	1	1.69090+	1	-2.20600-	1	1.69450+	1	-2.22700-	1	57	3	2	1457
1.70000+	1-2.10000-	1	1.70910+	1	-1.93900-	1	1.71810+	1	-1.80100-	1	57	3	2	1458
1.72730+	1-1.35000-	1	1.73640+	1	-1.11200-	1	1.74550+	1	-6.52000-	2	57	3	2	1459
1.75450+	1-1.52000-	2	1.76360+	1	5.78000-	2	1.77270+	1	1.59900-	1	57	3	2	1460
1.78180+	1 3.35900-	1	1.79090+	1	6.35400-	1	1.80910+	1	5.63600-	1	57	3	2	1461
1.81820+	1 1.80000-	3	1.82730+	1	-1.60400-	1	1.83640+	1	-1.40200-	1	57	3	2	1462
1.84550+	1-7.54000-	2	1.85450+	1	1.46000-	2	1.86360+	1	1.42100-	1	57	3	2	1463
1.87270+	1 3.27500-	1	1.88180+	1	6.40300-	1	1.89090+	1	1.11330+	0	57	3	2	1464
1.90000+	1 4.50000-	1	1.93810+	1	3.55680+	0	1.94360+	1	5.62000-	1	57	3	2	1465
1.94550+	1 3.32000-	2	1.94910+	1	-4.80600-	1	1.95090+	1	-6.06900-	1	57	3	2	1466
1.95270+	1-6.85200-	1	1.95450+	1	-7.31900-	1	1.96180+	1	-7.81000-	1	57	3	2	1467
1.96720+	1-7.64600-	1	1.97270+	1	-7.16800-	1	1.98180+	1	-6.31800-	1	57	3	2	1468
1.99090+	1-5.31600-	1	2.00000+	1	-3.90000-	1	2.00910+	1	-2.39100-	1	57	3	2	1469
2.02730+	1-3.19600-	1	2.03640+	1	-3.90800-	1	2.04550+	1	-3.29000-	1	57	3	2	1470
2.05450+	1-2.67000-	2	2.05820+	1	1.13900-	1	2.06360+	1	-3.40000-	2	57	3	2	1471
2.06730+	1-2.60500-	1	2.07270+	1	-4.49500-	1	2.07640+	1	-4.83100-	1	57	3	2	1472
2.08180+	1-4.80100-	1	2.09090+	1	-4.39300-	1	2.10000+	1	-6.10000-	1	57	3	2	1473
2.10360+	1-6.20100-	1	2.10910+	1	3.54600-	1	2.11270+	1	7.29200-	1	57	3	2	1474
2.11820+	1 2.40100-	1	2.12180+	1	-3.90000-	2	2.12640+	1	-2.07400-	1	57	3	2	1475
2.13640+	1-3.02300-	1	2.14000+	1	-3.10000-	1	2.14550+	1	-3.17300-	1	57	3	2	1476
2.15450+	1-3.10000-	1	2.17270+	1	-2.80700-	1	2.19090+	1	-2.38000-	1	57	3	2	1477
2.20910+	1-1.82000-	1	2.22730+	1	-1.05600-	1	2.24550+	1	0.00000+	0	57	3	2	1478
2.26360+	1 1.95300-	1	2.28180+	1	8.37600-	1	2.30000+	1	3.00000-	1	57	3	2	1479
2.31150+	1-1.01500-	1	2.32300+	1	3.17500-	1	2.34600+	1	-4.30000-	1	57	3	2	1480
2.36900+	1 8.68000-	1	2.38740+	1	5.44000-	2	2.40110+	1	-1.10200-	1	57	3	2	1481
2.41030+	1 6.99000-	2	2.43790+	1	-1.12600-	1	2.46090+	1	-1.81600-	1	57	3	2	1482
2.48390+	1 9.84000-	2	2.50690+	1	3.69000-	1	2.51610+	1	4.71000-	1	57	3	2	1483
2.53450+	1 5.01800-	1	2.55290+	1	-3.74300-	1	2.55750+	1	-2.58500-	1	57	3	2	1484
2.57130+	1-2.43900-	1	2.58510+	1	-1.55100-	1	2.60340+	1	-1.39900-	1	57	3	2	1485
2.61260+	1-1.93600-	1	2.62180+	1	-2.64000-	1	2.64480+	1	-2.62300-	1	57	3	2	1486
2.65400+	1 2.00000-	2	2.70000+	1	-2.60000-	1	2.71380+	1	-3.00300-	1	57	3	2	1487
2.73680+	1-2.46700-	1	2.74140+	1	-2.40600-	1	2.75980+	1	-2.02300-	1	57	3	2	1488
2.78280+	1-2.80000-	2	2.80570+	1	-3.18700-	1	2.82870+	1	-4.07400-	1	57	3	2	1489
2.84250+	1-3.04500-	1	2.85170+	1	-2.50000-	1	2.87470+	1	-3.17000-	1	57	3	2	1490
2.89770+	1-2.29800-	1	2.92070+	1	-1.99900-	1	2.94370+	1	-1.41900-	1	57	3	2	1491
2.96670+	1-3.43000-	2	2.98970+	1	-1.90500-	1	3.00000+	1	-1.50000-	1	57	3	2	1492
3.02290+	1-2.04000-	2	3.04570+	1	3.51900-	1	3.06860+	1	2.23100-	1	57	3	2	1493
3.07770+	1 2.16000-	1	3.09140+	1	-3.77800-	1	3.09600+	1	-4.50000-	1	57	3	2	1494
3.10970+	1-2.93000-	1	3.11430+	1	-2.55800-	1	3.13710+	1	-8.52000-	2	57	3	2	1495
3.16000+	1 1.30000-	1	3.16910+	1	2.60800-	1	3.18290+	1	6.25400-	1	57	3	2	1496
3.18740+	1 8.12000-	1	3.19660+	1	1.02670-	0	3.20570+	1	5.25500-	1	57	3	2	1497
3.21940+	1-1.93100-	1	3.22860+	1	-6.45000-	1	3.25140+	1	-4.08900-	1	57	3	2	1498
3.27430+	1-1.72400-	1	3.29710+	1	1.05600-	1	3.32000+	1	5.80000-	1	57	3	2	1499
3.35200+	1 1.82000+	0	3.36110+	1	-6.70200-	1	3.37490+	1	-8.59900-	1	57	3	2	1500
3.38860+	1-2.26000-	1	3.41140+	1	8.13600-	1	3.43430+	1	2.20710+	0	57	3	2	1501
3.44340+	1 1.82990+	0	3.44800+	1	-4.50000-	1	3.45260+	1	-1.31390+	0	57	3	2	1502
3.45710+	1-1.16850+	0	3.46170+	1	-7.58800-	1	3.46630+	1	-3.21000+	1	57	3	2	1503
3.47090+	1 7.02000-	2	3.47540+	1	2.12100-	1	3.48460+	1	1.58200-	1	57	3	2	1504
3.48910+	1-2.69900-	1	3.50290+	1	-3.24750+	0	3.52570+	1	1.10360+	1	57	3	2	1505
3.54860+	1-1.80000-	2	3.57140+	1	2.14430+	0	3.59430+	1	3.48900-	1	57	3	2	1506
3.66290+	1-2.70000-	1	3.68570+	1	-2.50200-	1	3.70860+	1	-3.10000-	1	57	3	2	1507
3.73140+	1-2.63500-	1	3.75430+	1	-1.99600-	1	3.77710+	1	-1.90000-	1	57	3	2	1508

3.80000+	1-3.10000-	1	3.82290+	1-9.29000-	2	3.84570+	1-1.44200-	1	57	3	2	1509
3.86860+	1-2.91000-	1	3.89140+	1-3.26300-	1	3.91430+	1-3.89000-	1	57	3	2	1510
3.92340+	1-1.91600-	1	3.92800+	1 5.10000-	1	3.93710+	1 4.12280+	0	57	3	2	1511
3.95090+	1 2.15200-	1	3.96000+	1-4.70000-	1	3.96910+	1-5.21000-	1	57	3	2	1512
3.98290+	1-4.48700-	1	3.99660+	1-1.63800-	1	4.01940+	1-3.78000-	1	57	3	2	1513
4.05140+	1 1.87700-	1	4.06970+	1-1.43100-	1	4.07430+	1-2.34900-	1	57	3	2	1514
4.07890+	1-3.00200-	1	4.09710+	1-3.50700-	1	4.12000+	1 1.60000-	1	57	3	2	1515
4.14290+	1 4.81000-	1	4.15660+	1-1.28500-	1	4.16570+	1-3.25800-	1	57	3	2	1516
4.17940+	1-2.53000-	1	4.19770+	1-6.46400-	1	4.21140+	1-7.18600-	1	57	3	2	1517
4.22970+	1-3.49500-	1	4.23890+	1-3.65500-	1	4.25710+	1-4.06100-	1	57	3	2	1518
4.27090+	1-3.34900-	1	4.28000+	1-3.20000-	1	4.28910+	1-3.25500-	1	57	3	2	1519
4.30290+	1-3.35100-	1	4.32110+	1-2.59700-	1	4.33030+	1-7.10000-	3	57	3	2	1520
4.34860+	1-5.91000-	2	4.36690+	1-1.48700-	1	4.38060+	1 4.36600-	1	57	3	2	1521
4.40340+	1-1.58500-	1	4.41710+	1-2.47100-	1	4.44000+	1-2.50000-	1	57	3	2	1522
4.46290+	1 3.58000-	1	4.48570+	1-8.74100-	1	4.50860+	1-4.74000-	1	57	3	2	1523
4.53140+	1-3.13000-	1	4.55430+	1-2.81100-	1	4.57710+	1-3.24500-	1	57	3	2	1524
4.60000+	1-3.20000-	1	4.61810+	1-2.90000-	1	4.63630+	1-2.59900-	1	57	3	2	1525
4.65440+	1-8.90000-	2	4.67260+	1 1.07750+	0	4.72700+	1-4.44400-	1	57	3	2	1526
4.74510+	1-3.65100-	1	4.76330+	1-2.93000-	1	4.77410+	1-1.78300-	1	57	3	2	1527
4.78870+	1 4.66800-	1	4.79590+	1 6.13100-	1	4.80680+	1-2.86900-	1	57	3	2	1528
4.81770+	1-6.43000-	1	4.82860+	1-4.01700-	1	4.83950+	1-2.69500-	1	57	3	2	1529
4.85400+	1-3.60000-	1	4.86120+	1-3.70100-	1	4.86850+	1-3.13600-	1	57	3	2	1530
4.88660+	1-3.78700-	1	4.89340+	1-6.71800-	1	4.90110+	1-6.79200-	1	57	3	2	1531
4.91200+	1-4.80000-	1	4.91930+	1-4.12400-	1	4.93380+	1-3.51700-	1	57	3	2	1532
4.95560+	1-5.74300-	1	4.96640+	1-4.78000-	1	4.97730+	1-4.22400-	1	57	3	2	1533
4.99550+	1-2.14000-	1	5.01720+	1-1.46500-	1	5.18050+	1-1.07160+	0	57	3	2	1534
5.25310+	1-5.64600-	1	5.27120+	1-4.23400-	1	5.32560+	1-5.35200-	1	57	3	2	1535
5.34380+	1-6.20400-	1	5.36190+	1-4.70500-	1	5.38000+	1-4.50000-	1	57	3	2	1536
5.40000+	1-4.20000-	1	5.41810+	1-3.60400-	1	5.43630+	1-4.09600-	1	57	3	2	1537
5.45440+	1-3.49700-	1	5.47260+	1-1.55100-	1	5.49070+	1 5.98400-	1	57	3	2	1538
5.50880+	1 4.56200-	1	5.52700+	1-1.19370+	0	5.54510+	1-1.01860+	0	57	3	2	1539
5.56330+	1-3.39000+	1	5.58140+	1 4.76100-	1	5.59950+	1-1.33820+	0	57	3	2	1540
5.61770+	1-2.49400+	0	5.62860+	1-3.25280+	0	5.63580+	1-4.15170+	0	57	3	2	1541
5.64310+	1-4.26260+	0	5.66490+	1-8.64300-	1	5.67940+	1 7.91000-	2	57	3	2	1542
5.69020+	1 8.20000-	3	5.71200+	1-2.68800-	1	5.72650+	1-4.27300-	1	57	3	2	1543
5.76280+	1-8.38000-	1	5.78100+	1-7.58700-	1	5.79910+	1-2.10170+	0	57	3	2	1544
5.81720+	1-3.12400-	1	5.83170+	1-2.70600-	1	5.83900+	1-5.18800-	1	57	3	2	1545
5.84990+	1-1.11260+	0	5.85710+	1-1.76280+	0	5.86800+	1-1.75000+	0	57	3	2	1546
5.88250+	1 1.51800-	1	5.90070+	1 4.23000-	2	5.91160+	1-9.60000-	2	57	3	2	1547
5.94420+	1-3.61400-	1	5.96240+	1-4.01800-	1	5.98050+	1-3.46900-	1	57	3	2	1548
6.21810+	1-6.11200-	1	6.22900+	1-7.35000-	1	6.25440+	1-6.47800-	1	57	3	2	1549
6.27260+	1-5.16500-	1	6.37410+	1-8.79900-	1	6.39230+	1-9.50000-	1	57	3	2	1550
6.40320+	1-9.49400-	1	6.41410+	1-1.02210+	0	6.42490+	1-1.37500+	0	57	3	2	1551
6.43220+	1-1.38680+	0	6.44310+	1-9.64700-	1	6.45400+	1-7.30000-	1	57	3	2	1552
6.46490+	1-6.40500-	1	6.47210+	1-6.09400-	1	6.49020+	1-5.59700-	1	57	3	2	1553
6.52650+	1-5.10000-	1	6.54470+	1-5.10000-	1	6.56280+	1-5.91300-	1	57	3	2	1554
6.57730+	1-7.47800-	1	6.58820+	1-6.78200-	1	6.59910+	1-5.79000-	1	57	3	2	1555
6.61000+	1-5.50000-	1	6.61720+	1-5.62100-	1	6.63540+	1-8.14500-	1	57	3	2	1556
6.64630+	1-7.55500-	1	6.65710+	1-7.64500-	1	6.68250+	1-5.01800-	1	57	3	2	1557
6.76240+	1-5.20000-	1	6.78050+	1-5.30500-	1	6.81680+	1-5.10600-	1	57	3	2	1558
6.85310+	1-4.54300-	1	6.94000+	1-3.30000-	1	6.96190+	1-5.89600-	1	57	3	2	1559
6.98000+	1-6.00000-	1	7.00000+	1-5.40000-	1	7.01810+	1-4.43000-	2	57	3	2	1560
7.03630+	1 1.44310+	0	7.05440+	1-1.40200-	0	7.07260+	1-2.54730+	0	57	3	2	1561
7.09070+	1-1.38780+	0	7.10880+	1-7.81300-	1	7.12700+	1-6.74400-	1	57	3	2	1562
7.15600+	1-1.00000+	0	7.18140+	1-8.22400-	1	7.19230+	1-8.31300-	1	57	3	2	1563
7.19950+	1-8.84600-	1	7.20680+	1-9.76500-	1	7.21040+	1-1.02890+	0	57	3	2	1564
7.21770+	1-1.20210+	0	7.23220+	1-1.48910+	0	7.25030+	1-5.78000-	1	57	3	2	1565
7.26850+	1-7.39500-	1	7.27210+	1-8.83900-	1	7.28300+	1-1.27120+	0	57	3	2	1566
7.29020+	1-1.36990+	0	7.29750+	1-1.30790+	0	7.30840+	1-1.11170+	0	57	3	2	1567
7.32650+	1-8.78300-	1	7.36280+	1-7.66700-	1	7.38100+	1-7.69900-	1	57	3	2	1568
7.39910+	1-8.04900-	1	7.44260+	1-8.96500-	1	7.45710+	1-4.46500-	1	57	3	2	1569
7.47890+	1-8.48000-	1	7.48250+	1-9.20400-	1	7.48620+	1-9.83900-	1	57	3	2	1570
7.48980+	1-1.04720+	0	7.49340+	1-1.09390+	0	7.49710+	1-1.13670+	0	57	3	2	1571
7.50430+	1-1.14640+	0	7.50790+	1-1.10120+	0	7.51880+	1-8.81300-	1	57	3	2	1572
7.54420+	1-2.06120+	0	7.55870+	1-2.07910+	0	7.58050+	1-1.33400+	0	57	3	2	1573
7.60230+	1-9.47000-	1	7.61680+	1-8.55400-	1	7.67480+	1-1.02510+	0	57	3	2	1574
7.69660+	1-8.99400-	1	7.71110+	1-9.04900-	1	7.75620+	1-1.10810+	0	57	3	2	1575
7.76190+	1-1.06090+	0	7.83000+	1-1.21000+	0	7.83630+	1-1.08520+	0	57	3	2	1576
7.85440+	1-9.68200-	1	7.87260+	1-9.61100-	1	7.89070+	1-9.60000-	1	57	3	2	1577
7.90880+	1-9.90600-	1	7.92700+	1-1.03000+	0	7.94510+	1-1.12550+	0	57	3	2	1578
7.98140+	1-1.11300+	0	7.99950+	1-1.13970+	0	8.00680+	1-1.20800+	0	57	3	2	1579
8.02490+	1-1.52470+	0	8.04670+	1-1.43340+	0	8.07570+	1-1.21980+	0	57	3	2	1580

8.08660+	1-1.23350+	0	8.09750+	1-1.25710+	0	8.10840+	1-1.30350+	0	57	3	2	1581
8.13380+	1-1.68580+	0	8.15190+	1-1.65140+	0	8.16280+	1-1.49200+	0	57	3	2	1582
8.18100+	1-1.41940+	0	8.20000+	1-1.46000+	0	8.20000+	1 0.00000+	0	57	3	2	1583
1.00000+	3 0.00000+	0	1.30000+	4 0.00000+	0	2.50000+	4 0.00000+	0	57	3	2	1584
2.50000+	4 1.09650+	1	2.53000+	4 1.09620+	1	2.57000+	4 1.10610+	1	57	3	2	1585
2.62000+	4 1.08360+	1	2.65000+	4 1.09710+	1	2.72000+	4 1.08860+	1	57	3	2	1586
2.75000+	4 1.07610+	1	2.83000+	4 1.07110+	1	2.88000+	4 1.04560+	1	57	3	2	1587
2.93000+	4 1.09320+	1	2.98000+	4 1.07580+	1	3.00000+	4 1.07380+	1	57	3	2	1588
3.11000+	4 1.06200+	1	3.13000+	4 1.04300+	1	3.18000+	4 1.06540+	1	57	3	2	1589
3.21000+	4 1.06290+	1	3.25000+	4 1.07380+	1	3.28000+	4 1.06450+	1	57	3	2	1590
3.42000+	4 1.05930+	1	3.45000+	4 1.06300+	1	3.50000+	4 1.05280+	1	57	3	2	1591
3.62000+	4 1.05190+	1	3.65000+	4 1.05770+	1	3.70000+	4 1.04980+	1	57	3	2	1592
3.79000+	4 1.05930+	1	3.87000+	4 1.03920+	1	3.91000+	4 1.04160+	1	57	3	2	1593
3.94000+	4 1.04650+	1	4.00000+	4 1.03220+	1	4.04000+	4 1.02260+	1	57	3	2	1594
4.10000+	4 1.03620+	1	4.15000+	4 1.05020+	1	4.20000+	4 1.03920+	1	57	3	2	1595
4.30000+	4 1.03940+	1	4.36000+	4 1.04610+	1	4.38000+	4 1.03940+	1	57	3	2	1596
4.43000+	4 1.03950+	1	4.48000+	4 1.04370+	1	4.50000+	4 1.04640+	1	57	3	2	1597
4.52000+	4 1.04920+	1	4.54000+	4 1.03950+	1	4.60000+	4 1.03640+	1	57	3	2	1598
4.62000+	4 1.02970+	1	4.65000+	4 1.02660+	1	4.68000+	4 1.04160+	1	57	3	2	1599
4.73000+	4 1.02680+	1	4.76000+	4 1.03180+	1	4.82000+	4 1.02740+	1	57	3	2	1600
4.84000+	4 1.02060+	1	4.88000+	4 1.01800+	1	4.90000+	4 1.02020+	1	57	3	2	1601
5.00000+	4 1.01810+	1	5.02000+	4 1.01700+	1	5.05000+	4 1.02310+	1	57	3	2	1602
5.09000+	4 1.01100+	1	5.12000+	4 1.01190+	1	5.15000+	4 1.01680+	1	57	3	2	1603
5.22000+	4 1.00220+	1	5.25000+	4 1.01110+	1	5.30000+	4 1.00370+	1	57	3	2	1604
5.39000+	4 1.00630+	1	5.42000+	4 1.01230+	1	5.46000+	4 1.01000+	1	57	3	2	1605
5.50000+	4 1.00060+	1	5.53000+	4 1.00400+	1	5.57000+	4 1.00430+	1	57	3	2	1606
5.61000+	4 1.00610+	1	5.67000+	4 9.97140+	0	5.71000+	4 9.95880+	0	57	3	2	1607
5.76000+	4 9.90340+	0	5.79000+	4 9.97520+	0	5.83000+	4 9.98420+	0	57	3	2	1608
5.87000+	4 1.00330+	1	5.91000+	4 9.92250+	0	5.92000+	4 9.80980+	0	57	3	2	1609
5.98000+	4 9.82370+	0	6.00000+	4 9.86250+	0	6.03000+	4 9.92090+	0	57	3	2	1610
6.12000+	4 9.86850+	0	6.15000+	4 9.92110+	0	6.20000+	4 9.85880+	0	57	3	2	1611
6.25000+	4 9.85660+	0	6.29000+	4 9.93500+	0	6.32000+	4 9.99620+	0	57	3	2	1612
6.42000+	4 9.97740+	0	6.47000+	4 9.86310+	0	6.50000+	4 9.83210+	0	57	3	2	1613
6.51000+	4 9.82170+	0	6.61000+	4 9.79280+	0	6.65000+	4 9.83140+	0	57	3	2	1614
6.70000+	4 9.77720+	0	6.74000+	4 9.80590+	0	6.80000+	4 9.80040+	0	57	3	2	1615
6.83000+	4 9.74290+	0	6.89000+	4 9.76800+	0	6.94000+	4 9.68560+	0	57	3	2	1616
7.00000+	4 9.69750+	0	7.03000+	4 9.70330+	0	7.09000+	4 9.66830+	0	57	3	2	1617
7.20000+	4 9.69110+	0	7.25000+	4 9.72880+	0	7.31000+	4 9.70430+	0	57	3	2	1618
7.37000+	4 9.73990+	0	7.41000+	4 9.70040+	0	7.48000+	4 9.60380+	0	57	3	2	1619
7.50000+	4 9.60700+	0	7.53000+	4 9.61200+	0	7.58000+	4 9.57030+	0	57	3	2	1620
7.65000+	4 9.54410+	0	7.70000+	4 9.63260+	0	7.76000+	4 9.74850+	0	57	3	2	1621
7.84000+	4 9.73720+	0	7.89000+	4 9.65400+	0	7.94000+	4 9.58090+	0	57	3	2	1622
8.00000+	4 9.54520+	0	8.07000+	4 9.53010+	0	8.20000+	4 9.52240+	0	57	3	2	1623
8.27000+	4 9.52360+	0	8.33000+	4 9.53420+	0	8.40000+	4 9.44830+	0	57	3	2	1624
8.47000+	4 9.48770+	0	8.50000+	4 9.49360+	0	8.53000+	4 9.49950+	0	57	3	2	1625
8.61000+	4 9.56220+	0	8.68000+	4 9.57210+	0	8.75000+	4 9.54210+	0	57	3	2	1626
8.83000+	4 9.39290+	0	8.90000+	4 9.42620+	0	9.00000+	4 9.41780+	0	57	3	2	1627
9.03000+	4 9.41710+	0	9.12000+	4 9.45140+	0	9.28000+	4 9.42270+	0	57	3	2	1628
9.36000+	4 9.36660+	0	9.44000+	4 9.49060+	0	9.50000+	4 9.32100+	0	57	3	2	1629
9.52000+	4 9.26470+	0	9.60000+	4 9.27400+	0	9.68000+	4 9.33330+	0	57	3	2	1630
9.77000+	4 9.34690+	0	9.85000+	4 9.30150+	0	9.93000+	4 9.21600+	0	57	3	2	1631
9.99000+	4 9.22820+	0	1.00000+	5 9.32190+	0	1.03000+	5 9.25910+	0	57	3	2	1632
1.20000+	5 8.99720+	0	1.35000+	5 8.79290+	0	1.40000+	5 8.72760+	0	57	3	2	1633
1.50000+	5 8.59200+	0	1.60000+	5 8.45890+	0	1.73000+	5 8.30180+	0	57	3	2	1634
1.80000+	5 8.22150+	0	2.00000+	5 7.98800+	0	2.07000+	5 7.89850+	0	57	3	2	1635
2.15000+	5 7.79930+	0	2.20000+	5 7.73970+	0	2.25000+	5 7.68130+	0	57	3	2	1636
2.35000+	5 7.56300+	0	2.40000+	5 7.49480+	0	2.50000+	5 7.36030+	0	57	3	2	1637
2.60000+	5 7.23430+	0	2.70000+	5 7.11120+	0	2.80000+	5 6.99530+	0	57	3	2	1638
3.00000+	5 6.78180+	0	3.20000+	5 6.60400+	0	3.25000+	5 6.56100+	0	57	3	2	1639
3.40000+	5 6.41470+	0	3.50000+	5 6.32620+	0	3.60000+	5 6.23810+	0	57	3	2	1640
3.80000+	5 6.07960+	0	4.00000+	5 5.92830+	0	4.20000+	5 5.77700+	0	57	3	2	1641
4.40000+	5 5.63090+	0	4.50000+	5 5.56130+	0	4.60000+	5 5.50230+	0	57	3	2	1642
4.70000+	5 5.44600+	0	4.80000+	5 5.39050+	0	4.90000+	5 5.28240+	0	57	3	2	1643
5.20000+	5 5.18850+	0	5.40000+	5 5.09810+	0	5.50000+	5 5.05340+	0	57	3	2	1644
5.60000+	5 5.00670+	0	5.70000+	5 4.96040+	0	5.80000+	5 4.91480+	0	57	3	2	1645
6.00000+	5 4.82550+	0	6.20000+	5 4.74780+	0	6.40000+	5 4.67110+	0	57	3	2	1646
6.50000+	5 4.63320+	0	6.60000+	5 4.60540+	0	6.70000+	5 4.57780+	0	57	3	2	1647
6.80000+	5 4.55100+	0	7.00000+	5 4.49810+	0	7.20000+	5 4.46160+	0	57	3	2	1648
7.30000+	5 4.44360+	0	7.40000+	5 4.42450+	0	7.50000+	5 4.40580+	0	57	3	2	1649
7.60000+	5 4.38430+	0	7.70000+	5 4.36300+	0	7.75000+	5 4.35280+	0	57	3	2	1650
7.80000+	5 4.34250+	0	8.00000+	5 4.30220+	0	8.20000+	5 4.26320+	0	57	3	2	1651

8.40000+	5	4.22540+	0	8.50000+	5	4.21160+	0	8.60000+	5	4.18740+	0	57	3	2	1652
8.80000+	5	4.14900+	0	9.00000+	5	4.11140+	0	9.20000+	5	4.08260+	0	57	3	2	1653
9.40000+	5	4.05450+	0	9.50000+	5	4.04070+	0	9.60000+	5	4.02070+	0	57	3	2	1654
9.70000+	5	4.00090+	0	9.80000+	5	3.98490+	0	1.00000+	6	3.95320+	0	57	3	2	1655
1.05000+	6	3.94450+	0	1.10000+	6	3.93510+	0	1.15000+	6	3.92490+	0	57	3	2	1656
1.20000+	6	3.91410+	0	1.25000+	6	3.90450+	0	1.24500+	6	3.89540+	0	57	3	2	1657
1.30000+	6	3.89440+	0	1.35000+	6	3.88350+	0	1.40000+	6	3.87230+	0	57	3	2	1658
1.45000+	6	3.85710+	0	1.49500+	6	3.84330+	0	1.50000+	6	3.84180+	0	57	3	2	1659
1.60000+	6	3.86000+	0	1.70000+	6	3.87120+	0	1.80000+	6	3.88420+	0	57	3	2	1660
1.90000+	6	3.90040+	0	2.00000+	6	3.91710+	0	2.10000+	6	3.99370+	0	57	3	2	1661
2.20000+	6	4.06800+	0	2.30000+	6	4.14680+	0	2.40000+	6	4.22470+	0	57	3	2	1662
2.50000+	6	4.39680+	0	2.60000+	6	4.44610+	0	2.70000+	6	4.51440+	0	57	3	2	1663
2.80000+	6	4.59850+	0	2.90000+	6	4.69070+	0	3.00000+	6	4.77660+	0	57	3	2	1664
3.10000+	6	4.85490+	0	3.20000+	6	4.90300+	0	3.30000+	6	4.93250+	0	57	3	2	1665
3.40000+	6	4.94740+	0	3.50000+	6	4.95190+	0	3.60000+	6	4.95020+	0	57	3	2	1666
3.70000+	6	4.94660+	0	3.80000+	6	4.94660+	0	3.90000+	6	4.94750+	0	57	3	2	1667
4.00000+	6	4.94750+	0	4.10000+	6	4.94460+	0	4.20000+	6	4.93890+	0	57	3	2	1668
4.30000+	6	4.92940+	0	4.40000+	6	4.91490+	0	4.50000+	6	4.89410+	0	57	3	2	1669
4.60000+	6	4.86880+	0	4.70000+	6	4.83670+	0	4.80000+	6	4.80110+	0	57	3	2	1670
4.90000+	6	4.76310+	0	5.00000+	6	4.72220+	0	5.10000+	6	4.69410+	0	57	3	2	1671
5.20000+	6	4.66400+	0	5.25000+	6	4.64670+	0	5.30000+	6	4.61900+	0	57	3	2	1672
5.40000+	6	4.56270+	0	5.50000+	6	4.50470+	0	5.60000+	6	4.46160+	0	57	3	2	1673
5.70000+	6	4.41560+	0	5.80000+	6	4.36620+	0	5.90000+	6	4.31790+	0	57	3	2	1674
6.00000+	6	4.26640+	0	6.10000+	6	4.23890+	0	6.20000+	6	4.20230+	0	57	3	2	1675
6.30000+	6	4.15430+	0	6.40000+	6	4.09690+	0	6.50000+	6	4.03500+	0	57	3	2	1676
6.60000+	6	3.96990+	0	6.70000+	6	3.91010+	0	6.80000+	6	3.85390+	0	57	3	2	1677
6.90000+	6	3.80240+	0	7.00000+	6	3.76350+	0	7.10000+	6	3.71360+	0	57	3	2	1678
7.20000+	6	3.65740+	0	7.30000+	6	3.62150+	0	7.40000+	6	3.57980+	0	57	3	2	1679
7.50000+	6	3.53940+	0	7.60000+	6	3.50280+	0	7.65000+	6	3.48260+	0	57	3	2	1680
7.70000+	6	3.45670+	0	7.80000+	6	3.41950+	0	7.90000+	6	3.38190+	0	57	3	2	1681
8.00000+	6	3.35660+	0	8.20000+	6	3.29330+	0	8.40000+	6	3.24710+	0	57	3	2	1682
8.50000+	6	3.22920+	0	8.60000+	6	3.20550+	0	8.80000+	6	3.16820+	0	57	3	2	1683
9.00000+	6	3.14200+	0	9.20000+	6	3.12050+	0	9.40000+	6	3.10740+	0	57	3	2	1684
9.50000+	6	3.10220+	0	9.60000+	6	3.08530+	0	9.80000+	6	3.05630+	0	57	3	2	1685
1.00000+	7	3.02680+	0	1.05000+	7	2.97350+	0	1.10000+	7	2.92220+	0	57	3	2	1686
1.15000+	7	2.94650+	0	1.19000+	7	2.97330+	0	1.20000+	7	2.98330+	0	57	3	2	1687
1.25000+	7	3.01270+	0	1.30000+	7	2.98390+	0	1.35000+	7	3.05224+	0	57	3	2	1688
1.40000+	7	3.14437+	0	1.45000+	7	3.18347+	0	1.50000+	7	3.25287+	0	57	3	2	1689
9.22350+	4	2.33025+	2									57	3	0	1690
0.00000+	0	-1.29400+	4									57	3	4	1691
												57	3	4	1692
												57	3	4	1693
1.30000+	4	0.00000+	0	1.32000+	4	2.16220-	4	1.37000+	4	7.56760-	4	57	3	4	1694
1.42000+	4	1.29730-	3	1.45000+	4	1.62160-	3	1.47000+	4	1.83780-	3	57	3	4	1695
1.48000+	4	1.94590-	3	1.50000+	4	2.16220-	3	1.52000+	4	2.37840-	3	57	3	4	1696
1.55000+	4	2.70270-	3	1.58000+	4	3.02700-	3	1.61000+	4	3.35130-	3	57	3	4	1697
1.63000+	4	3.56760-	3	1.72000+	4	4.54050-	3	1.76000+	4	4.97300-	3	57	3	4	1698
1.79000+	4	5.29730-	3	1.82000+	4	5.62160-	3	1.85000+	4	5.94590-	3	57	3	4	1699
1.90000+	4	6.48650-	3	1.92000+	4	6.70270-	3	1.94000+	4	6.91890-	3	57	3	4	1700
1.96000+	4	7.13510-	3	1.98000+	4	7.35140-	3	2.00000+	4	7.56760-	3	57	3	4	1701
2.01000+	4	7.67570-	3	2.03000+	4	7.89190-	3	2.06000+	4	8.21620-	3	57	3	4	1702
2.10000+	4	8.64860-	3	2.12000+	4	8.86490-	3	2.16000+	4	9.29730-	3	57	3	4	1703
2.21000+	4	9.83780-	3	2.25000+	4	1.02700-	2	2.33000+	4	1.11350-	2	57	3	4	1704
2.37000+	4	1.15680-	2	2.40000+	4	1.18920-	2	2.43000+	4	1.22160-	2	57	3	4	1705
2.46000+	4	1.25410-	2	2.50000+	4	1.29730-	2	2.53000+	4	1.32970-	2	57	3	4	1706
2.57000+	4	1.37300-	2	2.62000+	4	1.42700-	2	2.65000+	4	1.45950-	2	57	3	4	1707
2.72000+	4	1.53510-	2	2.75000+	4	1.56760-	2	2.83000+	4	1.65410-	2	57	3	4	1708
2.88000+	4	1.70810-	2	2.93000+	4	1.76220-	2	2.98000+	4	1.81620-	2	57	3	4	1709
3.00000+	4	1.83780-	2	3.11000+	4	1.95680-	2	3.13000+	4	1.97840-	2	57	3	4	1710
3.18000+	4	2.03240-	2	3.21000+	4	2.06490-	2	3.25000+	4	2.10810-	2	57	3	4	1711
3.28000+	4	2.14050-	2	3.42000+	4	2.29190-	2	3.45000+	4	2.32430-	2	57	3	4	1712
3.50000+	4	2.37840-	2	3.62000+	4	2.50810-	2	3.65000+	4	2.54050-	2	57	3	4	1713
3.70000+	4	2.59460-	2	3.79000+	4	2.69190-	2	3.87000+	4	2.77840-	2	57	3	4	1714
3.91000+	4	2.82160-	2	3.94000+	4	2.85410-	2	4.00000+	4	2.91890-	2	57	3	4	1715
4.04000+	4	2.96220-	2	4.10000+	4	3.02700-	2	4.15000+	4	3.08110-	2	57	3	4	1716
4.20000+	4	3.13510-	2	4.30000+	4	3.24320-	2	4.36000+	4	3.30810-	2	57	3	4	1717
4.38000+	4	3.32970-	2	4.43000+	4	3.38380-	2	4.48000+	4	3.43780-	2	57	3	4	1718
4.50000+	4	3.45950-	2	4.52000+	4	3.48110-	2	4.54000+	4	3.50270-	2	57	3	4	1719
4.60000+	4	3.56760-	2	4.62000+	4	3.58920-	2	4.65000+	4	3.62160-	2	57	3	4	1720
4.68000+	4	3.65410-	2	4.73000+	4	3.70810-	2	4.76000+	4	3.74050-	2	57	3	4	1721
4.82000+	4	3.80540-	2	4.84000+	4	3.82700-	2	4.88000+	4	3.87030-	2	57	3	4	1722

4.90000+	4	3.89190-	2	5.00000+	4	4.00000-	2	5.02000+	4	4.09120-	2	57	3	4	1723
5.06000+	4	4.27350-	2	5.09000+	4	4.41030-	2	5.12000+	4	4.54710-	2	57	3	4	1724
5.15000+	4	4.68380-	2	5.22000+	4	5.00290-	2	5.25000+	4	5.13970-	2	57	3	4	1725
5.35000+	4	5.59560-	2	5.39000+	4	5.77790-	2	5.42000+	4	5.91470-	2	57	3	4	1726
5.46000+	4	6.09710-	2	5.50000+	4	6.27940-	2	5.53000+	4	6.41620-	2	57	3	4	1727
5.57000+	4	6.59850-	2	5.61000+	4	6.78090-	2	5.67000+	4	7.05440-	2	57	3	4	1728
5.71000+	4	7.23680-	2	5.76000+	4	7.46470-	2	5.79000+	4	7.60150-	2	57	3	4	1729
5.83000+	4	7.78380-	2	5.87000+	4	7.96620-	2	5.91000+	4	8.14850-	2	57	3	4	1730
5.92000+	4	8.19410-	2	5.98000+	4	8.46760-	2	6.00000+	4	8.55880-	2	57	3	4	1731
6.03000+	4	8.69560-	2	6.12000+	4	9.10590-	2	6.15000+	4	9.24260-	2	57	3	4	1732
6.20000+	4	9.47060-	2	6.25000+	4	9.69850-	2	6.29000+	4	9.88090-	2	57	3	4	1733
6.32000+	4	1.00180-	1	6.42000+	4	1.04740-	1	6.47000+	4	1.07010-	1	57	3	4	1734
6.50000+	4	1.08380-	1	6.51000+	4	1.08840-	1	6.61000+	4	1.13400-	1	57	3	4	1735
6.65000+	4	1.15220-	1	6.70000+	4	1.17500-	1	6.74000+	4	1.19320-	1	57	3	4	1736
6.80000+	4	1.22060-	1	6.83000+	4	1.23430-	1	6.89000+	4	1.26160-	1	57	3	4	1737
6.94000+	4	1.28440-	1	7.00000+	4	1.31180-	1	7.03000+	4	1.32540-	1	57	3	4	1738
7.09000+	4	1.35280-	1	7.20000+	4	1.40290-	1	7.25000+	4	1.42570-	1	57	3	4	1739
7.31000+	4	1.45310-	1	7.37000+	4	1.48040-	1	7.41000+	4	1.49870-	1	57	3	4	1740
7.48000+	4	1.53060-	1	7.50000+	4	1.53970-	1	7.53000+	4	1.55340-	1	57	3	4	1741
7.58000+	4	1.57620-	1	7.65000+	4	1.60810-	1	7.70000+	4	1.63090-	1	57	3	4	1742
7.76000+	4	1.65820-	1	7.84000+	4	1.69470-	1	7.89000+	4	1.71750-	1	57	3	4	1743
7.94000+	4	1.74030-	1	8.00000+	4	1.76760-	1	8.07000+	4	1.79960-	1	57	3	4	1744
8.20000+	4	1.85880-	1	8.27000+	4	1.89070-	1	8.33000+	4	1.91810-	1	57	3	4	1745
8.40000+	4	1.95000-	1	8.47000+	4	2.02660-	1	8.50000+	4	2.05940-	1	57	3	4	1746
8.53000+	4	2.09220-	1	8.61000+	4	2.17970-	1	8.68000+	4	2.25620-	1	57	3	4	1747
8.75000+	4	2.33280-	1	8.83000+	4	2.42030-	1	8.90000+	4	2.49690-	1	57	3	4	1748
9.00000+	4	2.60620-	1	9.03000+	4	2.63910-	1	9.12000+	4	2.73750-	1	57	3	4	1749
9.28000+	4	2.91250-	1	9.36000+	4	3.00000-	1	9.44000+	4	3.08750-	1	57	3	4	1750
9.50000+	4	3.15310-	1	9.52000+	4	3.17500-	1	9.60000+	4	3.26250-	1	57	3	4	1751
9.68000+	4	3.35000-	1	9.77000+	4	3.44840-	1	9.85000+	4	3.53590-	1	57	3	4	1752
9.93000+	4	3.62340-	1	9.99000+	4	3.68910-	1	1.00000+	5	3.70000-	1	57	3	4	1753
1.03000+	5	3.90000-	1	1.20000+	5	4.29790-	1	1.35000+	5	4.64890-	1	57	3	4	1754
1.40000+	5	4.76600-	1	1.50000+	5	5.00000-	1	1.60000+	5	5.26090-	1	57	3	4	1755
1.73000+	5	5.60000-	1	1.80000+	5	5.78170-	1	1.90000+	5	6.30000-	1	57	3	4	1756
2.07000+	5	6.38800-	1	2.15000+	5	6.48860-	1	2.20000+	5	6.55140-	1	57	3	4	1757
2.25000+	5	6.61430-	1	2.35000+	5	6.74000-	1	2.40000+	5	6.91000-	1	57	3	4	1758
2.50000+	5	7.25000-	1	2.60000+	5	7.44000-	1	2.70000+	5	7.63000-	1	57	3	4	1759
2.80000+	5	7.78670-	1	3.00000+	5	8.10000-	1	3.20000+	5	8.40000-	1	57	3	4	1760
3.25000+	5	8.47500-	1	3.40000+	5	8.70000-	1	3.50000+	5	8.85000-	1	57	3	4	1761
3.60000+	5	8.98000-	1	3.80000+	5	9.24000-	1	4.00000+	5	9.50000-	1	57	3	4	1762
4.20000+	5	9.88000-	1	4.40000+	5	1.02600-	0	4.50000+	5	1.04500-	0	57	3	4	1763
4.60000+	5	1.05600+	0	4.70000+	5	1.06700+	0	4.80000+	5	1.07800+	0	57	3	4	1764
5.00000+	5	1.10000+	0	5.20000+	5	1.10600+	0	5.40000+	5	1.11200+	0	57	3	4	1765
5.50000+	5	1.11500+	0	5.60000+	5	1.12000+	0	5.70000+	5	1.12500+	0	57	3	4	1766
5.80000+	5	1.13000+	0	6.00000+	5	1.14000+	0	6.20000+	5	1.18200+	0	57	3	4	1767
6.40000+	5	1.22400+	0	6.50000+	5	1.24500+	0	6.60000+	5	1.25620+	0	57	3	4	1768
6.70000+	5	1.26740+	0	6.80000+	5	1.27860+	0	7.00000+	5	1.30100+	0	57	3	4	1769
7.20000+	5	1.30860+	0	7.30000+	5	1.31240+	0	7.40000+	5	1.31620+	0	57	3	4	1770
7.50000+	5	1.32000+	0	7.60000+	5	1.32400+	0	7.70000+	5	1.32800+	0	57	3	4	1771
7.75000+	5	1.33000+	0	7.80000+	5	1.33200+	0	8.00000+	5	1.34000+	0	57	3	4	1772
8.20000+	5	1.33600+	0	8.40000+	5	1.33200+	0	8.50000+	5	1.33300+	0	57	3	4	1773
8.60000+	5	1.33400+	0	8.80000+	5	1.34200+	0	9.00000+	5	1.35000+	0	57	3	4	1774
9.20000+	5	1.34600+	0	9.40000+	5	1.34200+	0	9.50000+	5	1.34000+	0	57	3	4	1775
9.60000+	5	1.34600+	0	9.70000+	5	1.35200+	0	9.80000+	5	1.35800+	0	57	3	4	1776
1.00000+	6	1.37000+	0	1.05000+	6	1.39300+	0	1.10000+	6	1.41600+	0	57	3	4	1777
1.15000+	6	1.43900+	0	1.20000+	6	1.46200+	0	1.25000+	6	1.48500+	0	57	3	4	1778
1.29500+	6	1.50570+	0	1.30000+	6	1.50800+	0	1.35000+	6	1.53100+	0	57	3	4	1779
1.40000+	6	1.55400+	0	1.45000+	6	1.57700+	0	1.49500+	6	1.59770+	0	57	3	4	1780
1.50000+	6	1.60000+	0	1.60000+	6	1.63000+	0	1.70000+	6	1.66000+	0	57	3	4	1781
1.80000+	6	1.69000+	0	1.90000+	6	1.72000+	0	2.00000+	6	1.75000+	0	57	3	4	1782
2.10000+	6	1.75000+	0	2.20000+	6	1.75000+	0	2.30000+	6	1.75000+	0	57	3	4	1783
2.40000+	6	1.75000+	0	2.50000+	6	1.75000+	0	2.60000+	6	1.76200+	0	57	3	4	1784
2.70000+	6	1.77400+	0	2.80000+	6	1.78600+	0	2.90000+	6	1.79800+	0	57	3	4	1785
3.00000+	6	1.81000+	0	3.10000+	6	1.81000+	0	3.20000+	6	1.81000+	0	57	3	4	1786
3.30000+	6	1.81000+	0	3.40000+	6	1.81000+	0	3.50000+	6	1.81000+	0	57	3	4	1787
3.60000+	6	1.81200+	0	3.70000+	6	1.81400+	0	3.80000+	6	1.81600+	0	57	3	4	1788
3.90000+	6	1.81800+	0	4.00000+	6	1.82000+	0	4.10000+	6	1.82200+	0	57	3	4	1789
4.20000+	6	1.82400+	0	4.30000+	6	1.82600+	0	4.40000+	6	1.82800+	0	57	3	4	1790
4.50000+	6	1.83000+	0	4.60000+	6	1.83200+	0	4.70000+	6	1.83400+	0	57	3	4	1791
4.80000+	6	1.83600+	0	4.90000+	6	1.83800+	0	5.00000+	6	1.84000+	0	57	3	4	1792
5.10000+	6	1.82600+	0	5.20000+	6	1.81200+	0	5.25000+	6	1.80500+	0	57	3	4	1793
5.30000+	6	1.79800+	0	5.40000+	6	1.78400+	0	5.50000+	6	1.77000+	0	57	3	4	1794

5.60000+	6	1.74600+	0	5.70000+	6	1.72200+	0	5.80000+	6	1.69800+	0	57	3	4	1795
5.90000+	6	1.67400+	0	6.00000+	6	1.65000+	0	5.10000+	6	1.59200+	0	57	3	4	1796
6.20000+	6	1.53400+	0	6.30000+	6	1.47600+	0	6.40000+	6	1.41800+	0	57	3	4	1797
6.50000+	6	1.36000+	0	6.60000+	6	1.30600+	0	6.70000+	6	1.25200+	0	57	3	4	1798
6.80000+	6	1.19800+	0	6.90000+	6	1.14400+	0	7.00000+	6	1.09000+	0	57	3	4	1799
7.10000+	6	1.03800+	0	7.20000+	6	9.86000-	1	7.30000+	6	9.34000-	1	57	3	4	1800
7.40000+	6	8.82000-	1	7.50000+	6	8.30000-	1	7.60000+	6	7.90000-	1	57	3	4	1801
7.65000+	6	7.70000-	1	7.70000+	6	7.50000-	1	7.80000+	6	7.10000-	1	57	3	4	1802
7.90000+	6	6.70000-	1	8.00000+	6	6.30000-	1	8.20000+	6	5.82000-	1	57	3	4	1803
8.40000+	6	5.34000-	1	8.50000+	6	5.10000-	1	8.60000+	6	5.02000-	1	57	3	4	1804
8.80000+	6	4.86000-	1	9.00000+	6	4.70000-	1	9.20000+	6	4.58000-	1	57	3	4	1805
9.40000+	6	4.46000-	1	9.50000+	6	4.40000-	1	9.60000+	6	4.38000-	1	57	3	4	1806
9.80000+	6	4.34000-	1	1.00000+	7	4.30000-	1	1.00000+	7	4.20000-	1	57	3	4	1807
1.10000+	7	4.10000-	1	1.15000+	7	4.00000-	1	1.10000+	7	3.84000-	1	57	3	4	1808
1.20000+	7	3.80000-	1	1.25000+	7	3.60000-	1	1.30000+	7	3.50000-	1	57	3	4	1809
1.35000+	7	3.40000-	1	1.40000+	7	3.30000-	1	1.45000+	7	3.20000-	1	57	3	4	1810
1.50000+	7	3.10000-	1									57	3	4	1811
												57	3	0	1812
9.22350+	4	2.33025+	2				99					57	3	16	1813
0.00000+	0	5.23000+	6									57	3	16	1814
	53		2									57	3	16	1815
5.25000+	6	0.00000+	0	5.30000+	6	1.00000-	2	5.40000+	6	3.00000-	2	57	3	16	1816
5.50000+	6	5.00000-	0	5.60000+	6	6.40000-	2	5.70000+	6	7.80000-	2	57	3	16	1817
5.80000+	6	9.20000-	2	5.90000+	6	1.06000-	1	6.00000+	6	1.20000-	1	57	3	16	1818
6.10000+	6	1.36000-	1	6.20000+	6	1.52000-	1	6.30000+	6	1.68000-	1	57	3	16	1819
6.40000+	6	1.84000-	1	6.50000+	6	2.00000-	1	6.60000+	6	2.16000-	1	57	3	16	1820
6.70000+	6	2.32000-	1	6.80000+	6	2.48000-	1	6.90000+	6	2.64000-	1	57	3	16	1821
7.00000+	6	2.80000-	1	7.10000+	6	3.06000-	1	7.20000+	6	3.32000-	1	57	3	16	1822
7.30000+	6	3.58000-	1	7.40000+	6	3.84000-	1	7.50000+	6	4.10000-	1	57	3	16	1823
7.60000+	6	4.32000-	1	7.65000+	6	4.43000-	1	7.70000+	6	4.54000-	1	57	3	16	1824
7.80000+	6	4.76000-	1	7.90000+	6	4.98000-	1	8.00000+	6	5.20000-	1	57	3	16	1825
8.20000+	6	5.44000-	1	8.40000+	6	5.68000-	1	8.50000+	6	5.80000-	1	57	3	16	1826
8.60000+	6	5.84000-	1	8.80000+	6	5.92000-	1	9.00000+	6	6.00000-	1	57	3	16	1827
9.20000+	6	6.04000-	1	9.40000+	6	6.08000-	1	9.50000+	6	6.10000-	1	57	3	16	1828
9.60000+	6	6.20000-	1	9.80000+	6	6.40000-	1	1.00000+	7	6.60000-	1	57	3	16	1829
1.05000+	7	6.90000-	1	1.10000+	7	7.00000-	1	1.15000+	7	6.50000-	1	57	3	16	1830
1.19000+	7	6.10000-	1	1.20000+	7	6.00000-	1	1.25000+	7	5.30000-	1	57	3	16	1831
1.30000+	7	4.10000-	1	1.35000+	7	2.70000-	1	1.40000+	7	1.30000-	1	57	3	16	1832
1.45000+	7	9.00000-	2	1.50000+	7	5.00000-	2					57	3	16	1833
												57	3	0	1834
9.22350+	4	2.33025+	2				99					57	3	17	1835
0.00000+	0	1.18500+	7				0					57	3	17	1836
	8		2									57	3	17	1837
1.19000+	7	0.00000+	0	1.20000+	7	1.00000-	3	1.25000+	7	1.00000-	2	57	3	17	1838
1.30000+	7	2.00000-	2	1.35000+	7	4.00000-	2	1.40000+	7	6.00000-	2	57	3	17	1839
1.45000+	7	7.00000-	2	1.50000+	7	8.00000-	2					57	3	17	1840
												57	3	0	1841
9.22350+	4	2.33025+	2				99					57	3	18	1842
0.00000+	0	1.92500+	8				0					57	3	18	1843
	57		5				553					57	3	18	1844
1.00000-	5	3.10320+	4	1.00000-	3	3.09508+	3	5.00000-	3	1.37091+	3	57	3	18	1845
1.00000-	2	9.57649+	2	1.50000-	2	7.72470+	2	2.00000-	2	6.60944+	2	57	3	18	1846
2.53000-	2	5.80200+	2	3.00000-	2	5.26873+	2	3.50000-	2	4.82015+	2	57	3	18	1847
4.00000-	2	4.45615+	2	4.50000-	2	4.15256+	2	5.00000-	2	3.89421+	2	57	3	18	1848
5.50000-	2	3.67097+	2	6.00000-	2	3.47573+	2	6.50000-	2	3.30336+	2	57	3	18	1849
7.00000-	2	3.15016+	2	7.50000-	2	3.01351+	2	8.00000-	2	2.89161+	2	57	3	18	1850
8.50000-	2	2.78225+	2	9.00000-	2	2.68312+	2	9.50000-	2	2.59263+	2	57	3	18	1851
1.00000-	1	2.51036+	2	1.10000-	1	2.36106+	2	1.20000-	1	2.23244+	2	57	3	18	1852
1.30000-	1	2.12228+	2	1.40000-	1	2.03038+	2	1.50000-	1	1.95503+	2	57	3	18	1853
1.60000-	1	1.89122+	2	1.70000-	1	1.83965+	2	1.80000-	1	1.79962+	2	57	3	18	1854
2.03340-	1	1.75437+	2	2.23340-	1	1.76370+	2	2.43340-	1	1.82219+	2	57	3	18	1855
2.63340-	1	1.99704+	2	2.83340-	1	1.94680+	2	3.03340-	1	1.90115+	2	57	3	18	1856
3.23340-	1	1.72698+	2	3.43340-	1	1.52572+	2	3.63340-	1	1.37773+	2	57	3	18	1857
3.83340-	1	1.74911+	2	4.03340-	1	1.14135+	2	4.28120-	1	1.03139+	2	57	3	18	1858
4.64920-	1	9.07725+	1	5.04920-	1	8.12321+	1	5.44920-	1	7.41408+	1	57	3	18	1859
5.84920-	1	6.88143+	1	6.24920-	1	6.48101+	1	6.64920-	1	6.16708+	1	57	3	18	1860
7.04920-	1	5.91315+	1	7.44920-	1	5.71389+	1	7.84920-	1	5.57855+	1	57	3	18	1861
8.24920-	1	5.51644+	1	8.64920-	1	5.54855+	1	9.04920-	1	5.71319+	1	57	3	18	1862
9.44920-	1	6.01990+	1	9.84920-	1	6.46586+	1	1.00000+	0	6.75106+	1	57	3	18	1863
1.00000+	0	1.18560+	1	1.05500+	0	1.14300+	1	1.07300+	0	1.06400+	1	57	3	18	1864



1.09100+	0 9.29000+	0 1.18200+	0-1.92900+	1 1.20000+	0-2.35700+	1 57 3 18 1865
1.21800+	0-2.50000+	1 1.23600+	0-2.50000+	1 1.32700+	0-1.42900+	1 57 3 18 1866
1.36400+	0-1.21400+	1 1.45500+	0-8.21000+	0 1.54500+	0-6.07000+	0 57 3 18 1867
1.63600+	0-4.64000+	0 1.72700+	0-3.57000+	0 1.81800+	0-2.86000+	0 57 3 18 1868
1.90900+	0-2.14000+	0 2.00000+	0-2.14000+	0 2.19200+	0-1.43000+	0 57 3 18 1869
2.36400+	0-7.10000+	1 2.45500+	0-1.07000+	0 2.54500+	0-1.79000+	0 57 3 18 1870
2.63600+	0-3.57000+	0 2.69100+	0-4.29000+	0 2.74500+	0-4.29000+	0 57 3 18 1871
2.80000+	0 0.00000+	0 2.81800+	0 7.10000-	1 2.85500+	0 7.10000-	1 57 3 18 1872
2.92700+	0-7.10000-	1 2.94500+	0-7.10000-	1 3.01800+	0 3.57000+	0 57 3 18 1873
3.07200+	0 3.57000+	0 3.18200+	0-3.57000+	0 3.21800+	0-3.21000+	0 57 3 18 1874
3.27300+	0-1.43000+	0 3.36400+	0 2.14000+	0 3.45500+	0 6.50000+	0 57 3 18 1875
3.49100+	0 7.10000+	0 3.54500+	0 8.00000+	0 3.58200+	0 2.50000+	0 57 3 18 1876
3.63600+	0 0.00000+	0 3.69100+	0-6.98000+	0 3.72700+	0-9.19000+	0 57 3 18 1877
3.81800+	0-7.14000+	0 3.90900+	0-5.36000+	0 4.00000+	0-4.40000+	0 57 3 18 1878
4.09100+	0-3.70000+	0 4.18200+	0-3.14000+	0 4.36400+	0-2.29000+	0 57 3 18 1879
4.54500+	0-2.14000+	0 4.63600+	0-1.79000+	0 4.72700+	0-1.43000+	0 57 3 18 1880
4.78200+	0 0.00000+	0 4.80000+	0 7.10000-	1 4.83600+	0 7.10000-	1 57 3 18 1881
4.85500+	0 7.10000-	1 4.89100+	0-1.43000+	0 4.90900+	0-2.14000+	0 57 3 18 1882
4.94500+	0-2.86000+	0 4.98100+	0-2.86000+	0 5.07100+	0-2.86000+	0 57 3 18 1883
5.14500+	0-2.50000+	0 5.18200+	0-2.14000+	0 5.21300+	0-1.07000+	0 57 3 18 1884
5.30900+	0-7.10000-	1 5.54500+	0-7.10000-	1 5.65500+	0-1.79000+	0 57 3 18 1885
5.72700+	0-1.43000+	0 5.81800+	0 0.00000+	0 5.90900+	0 1.64000+	0 57 3 18 1886
6.00000+	0 2.86000+	0 6.09100+	0 2.50000+	0 6.16400+	0 1.43000+	0 57 3 18 1887
6.21800+	0-1.79000+	0 6.25500+	0-1.79000+	0 6.29100+	0 0.00000+	0 57 3 18 1888
6.41800+	0 0.00000+	0 6.45500+	0-2.86000+	0 6.47100+	0-5.00000+	0 57 3 18 1889
6.54500+	0-5.00000+	0 6.63600+	0-4.28000+	0 6.72700+	0-3.71000+	0 57 3 18 1890
6.81800+	0-2.14000+	0 6.98200+	0 0.00000+	0 7.18200+	0 0.00000+	0 57 3 18 1891
7.29100+	0-3.57000+	0 7.81800+	0-3.93000+	0 8.00000+	0-4.29000+	0 57 3 18 1892
8.18100+	0-4.29000+	0 8.36300+	0-3.93000+	0 8.45300+	0 0.00000+	0 57 3 18 1893
8.92500+	0 0.00000+	0 9.01500+	0 2.14300+	1 9.05200+	0 2.50000+	1 57 3 18 1894
9.10600+	0 2.50000+	1 9.17900+	0 1.00000+	1 9.23300+	0 0.00000+	0 57 3 18 1895
9.30600+	0 0.00000+	0 9.36000+	0 0.00000+	0 9.43200+	0 1.00000+	1 57 3 18 1896
9.45100+	0 1.14300+	1 9.50500+	0 1.00000+	1 9.54100+	0 8.21000+	0 57 3 18 1897
9.70400+	0 0.00000+	0 9.75900+	0-2.14000+	0 9.94500+	0-2.14000+	0 57 3 18 1898
1.00850+	1-2.86000+	0 1.01760+	0 0.00000+	0 1.02670+	1 0.00000+	0 57 3 18 1899
1.03390+	1 2.14000+	0 1.04300+	1 2.14000+	0 1.06290+	1-7.10000-	1 57 3 18 1900
1.07200+	1-7.10000-	1 1.08110+	1-3.60000-	1 1.09370+	1-5.70000-	1 57 3 18 1901
1.09920+	1 0.00000+	0 1.12640+	1 3.00000+	0 1.14090+	1 2.75000+	0 57 3 18 1902
1.14450+	1 2.88000+	0 1.14810+	1 2.90000+	0 1.15540+	1 0.00000+	0 57 3 18 1903
1.18620+	1 0.00000+	0 1.18980+	1 2.70000+	0 1.20000+	1 5.40000+	0 57 3 18 1904
1.20910+	1 7.43000+	0 1.21450+	1 1.13500+	1 1.22000+	1 1.00000+	1 57 3 18 1905
1.23500+	1 0.00000+	0 1.24900+	1 0.00000+	0 1.25440+	1 0.00000+	0 57 3 18 1906
1.40850+	1 0.00000+	0 1.42670+	1 2.86000+	0 1.43570+	1 5.71000+	0 57 3 18 1907
1.44120+	1 5.71000+	0 1.44480+	1 4.71000+	0 1.46110+	1-5.50000+	0 57 3 18 1908
1.46470+	1-5.50000+	0 1.47370+	1-3.57000+	0 1.49010+	1-5.00000-	1 57 3 18 1909
1.50000+	1-7.10000-	1 1.50910+	1 0.00000+	0 1.51820+	1 7.10000-	1 57 3 18 1910
1.52730+	1 0.00000+	0 1.53640+	1 0.00000+	0 1.54550+	1 0.00000+	0 57 3 18 1911
1.55450+	1-1.43000+	0 1.56360+	1-3.58000+	0 1.57270+	1-3.57000+	0 57 3 18 1912
1.58180+	1-2.50000+	0 1.59090+	1-1.21000+	0 1.60000+	1 0.00000+	0 57 3 18 1913
1.60910+	1 0.00000+	0 1.61820+	1 0.00000+	0 1.62730+	1-3.58000+	0 57 3 18 1914
1.63640+	1-6.45000+	0 1.64360+	1-6.43000+	0 1.64910+	1-6.43000+	0 57 3 18 1915
1.65450+	1-4.29000+	0 1.66360+	1 0.00000+	0 1.67270+	1 0.00000+	0 57 3 18 1916
1.68180+	1 1.43000+	0 1.69090+	1 3.93000+	0 1.69450+	1 4.29000+	0 57 3 18 1917
1.70000+	1 3.57000+	0 1.70910+	1 2.86000+	0 1.71810+	1 1.43000+	0 57 3 18 1918
1.72730+	1 7.10000-	1 1.73640+	1 0.00000+	0 1.74550+	1 0.00000+	0 57 3 18 1919
1.75450+	1-7.10000-	1 1.76360+	1-1.07000+	0 1.77270+	1-1.43000+	0 57 3 18 1920
1.78180+	1-1.86000+	0 1.79090+	1-7.10000-	1 1.80910+	1 0.00000+	0 57 3 18 1921
1.81820+	1 0.00000+	0 1.82730+	1 0.00000+	0 1.83640+	1 3.57000+	0 57 3 18 1922
1.84550+	1 3.93000+	0 1.85450+	1 3.57000+	0 1.86360+	1 2.86000+	0 57 3 18 1923
1.87270+	1 2.14000+	0 1.88180+	1 1.43000+	0 1.89090+	1 1.07000+	0 57 3 18 1924
1.90000+	1 0.00000+	0 1.93810+	1 0.00000+	0 1.94360+	1 2.86000+	0 57 3 18 1925
1.94550+	1 7.14000+	0 1.94910+	1 1.42900+	1 1.95090+	1 1.71400+	1 57 3 18 1926
1.95270+	1 1.71400+	1 1.95450+	1 1.57100+	1 1.96180+	1 1.07100+	1 57 3 18 1927
1.96720+	1 8.29000+	0 1.97270+	1 6.43000+	0 1.98180+	1 4.29000+	0 57 3 18 1928
1.99090+	1 2.50000+	0 2.00000+	1 7.10000-	1 2.00910+	1 0.00000+	0 57 3 18 1929
2.02730+	1-7.10000-	1 2.09090+	1-7.10000-	1 2.10000+	1-7.10000-	1 57 3 18 1930
2.10360+	1-1.00000+	0 2.10910+	1-1.00000+	0 2.11270+	1-1.10000+	0 57 3 18 1931
2.11820+	1-1.20000+	0 2.12180+	1-1.30000+	0 2.12640+	1-1.35000+	0 57 3 18 1932
2.13640+	1-1.43000+	0 2.14000+	1-2.15000+	0 2.14550+	1-2.15000+	0 57 3 18 1933
2.15450+	1-2.80000+	0 2.17270+	1-3.45000+	0 2.19090+	1-2.87000+	0 57 3 18 1934
2.20910+	1-2.51000+	0 2.22730+	1-1.79000+	0 2.24550+	1-1.07000+	0 57 3 18 1935
2.26360+	1 0.00000+	0 2.28180+	1 0.00000+	0 2.30000+	1 0.00000+	0 57 3 18 1936

2.31150+	1	4.00000-	1	2.32300+	1	3.60000-	1	4.34600+	1	1.80000-	1	57	3	18	1937
2.36900+	1	9.00000-	2	2.38740+	1	0.00000-	1	4.40110+	1	-4.64000+	0	57	3	18	1938
2.41030+	1	-4.65000+	0	2.43790+	1	2.73000+	0	4.46090+	1	9.00000+	0	57	3	18	1939
2.48390+	1	4.64000+	0	2.50690+	1	-4.50000-	1	2.51610+	1	-4.50000-	1	57	3	18	1940
2.53450+	1	1.82000+	0	2.55290+	1	0.00000+	0	2.55750+	1	0.00000+	0	57	3	18	1941
2.57130+	1	0.00000+	0	2.58510+	1	-4.55000+	0	4.00340+	1	-1.09100+	1	57	3	18	1942
2.61260+	1	-1.09100+	1	2.62180+	1	-7.73000+	0	2.64480+	1	0.00000+	0	57	3	18	1943
2.65400+	1	0.00000+	0	2.70000+	1	0.00000+	0	2.71380+	1	0.00000+	0	57	3	18	1944
2.73680+	1	0.00000+	0	2.74140+	1	0.00000+	0	2.75980+	1	0.00000+	0	57	3	18	1945
2.78280+	1	0.00000+	0	2.80570+	1	0.00000+	0	2.82870+	1	0.00000+	0	57	3	18	1946
2.84250+	1	0.00000+	0	2.85170+	1	4.50000-	1	2.87470+	1	4.50000-	1	57	3	18	1947
2.89770+	1	4.50000-	1	2.92070+	1	4.50000-	1	4.94370+	1	4.50000-	1	57	3	18	1948
2.96670+	1	0.00000+	0	2.98970+	1	-1.80000-	1	3.00000+	1	-3.60000-	1	57	3	18	1949
3.02290+	1	-4.50000-	1	3.04570+	1	0.00000+	0	3.06860+	1	0.00000+	0	57	3	18	1950
3.07770+	1	0.00000+	0	3.09140+	1	0.00000+	0	3.09600+	1	-8.20000-	1	57	3	18	1951
3.10970+	1	-2.18000+	0	3.11430+	1	-2.36000+	0	3.13710+	1	-1.82000+	0	57	3	18	1952
3.16000+	1	-9.10000-	1	3.16910+	1	-7.30000-	1	3.18290+	1	0.00000+	0	57	3	18	1953
3.21940+	1	0.00000+	0	3.22860+	1	0.00000+	0	3.25140+	1	-2.73000+	0	57	3	18	1954
3.27430+	1	-3.18000+	0	3.29710+	1	-3.18000+	0	3.32000+	1	-2.27000+	0	57	3	18	1955
3.35200+	1	0.00000+	0	3.36110+	1	0.00000+	0	3.37490+	1	0.00000+	0	57	3	18	1956
3.38860+	1	0.00000+	0	3.41140+	1	0.00000+	0	3.43430+	1	0.00000+	0	57	3	18	1957
3.44340+	1	0.00000+	0	3.44800+	1	2.72700+	1	3.45260+	1	3.27300+	1	57	3	18	1958
3.45710+	1	3.36300+	1	3.46170+	1	2.90900+	1	3.46630+	1	1.63600+	1	57	3	18	1959
3.47090+	1	8.18000+	0	3.47540+	1	4.54000+	0	3.48460+	1	0.00000+	0	57	3	18	1960
3.48910+	1	0.00000+	0	3.50290+	1	0.00000+	0	3.52570+	1	0.00000+	0	57	3	18	1961
3.54860+	1	0.00000+	0	3.57140+	1	0.00000+	0	3.59430+	1	0.00000+	0	57	3	18	1962
3.66290+	1	0.00000+	0	3.68570+	1	-9.10000-	1	3.70860+	1	-1.50000+	0	57	3	18	1963
3.73140+	1	0.00000+	0	3.75430+	1	7.30000-	1	3.77710+	1	9.10000-	1	57	3	18	1964
3.80000+	1	8.20000-	1	3.82290+	1	7.30000-	1	3.84570+	1	5.50000-	1	57	3	18	1965
3.86860+	1	-3.60000-	1	3.89140+	1	-2.18000+	0	3.91430+	1	-4.55000+	0	57	3	18	1966
3.92340+	1	-5.00000+	0	3.92800+	1	0.00000+	0	3.93710+	1	0.00000+	0	57	3	18	1967
3.98290+	1	0.00000+	0	3.99660+	1	0.00000+	0	4.01940+	1	-1.82000+	0	57	3	18	1968
4.05140+	1	0.00000+	0	4.06970+	1	2.72000+	0	4.07430+	1	3.45000+	0	57	3	18	1969
4.07890+	1	3.64000+	0	4.09710+	1	2.73000+	0	4.12000+	1	0.00000+	0	57	3	18	1970
4.14290+	1	0.00000+	0	4.15660+	1	0.00000+	0	4.16570+	1	-9.10000-	1	57	3	18	1971
4.17940+	1	-9.10000-	1	4.19770+	1	2.73000+	0	4.21140+	1	1.82000+	0	57	3	18	1972
4.22970+	1	0.00000+	0	4.23890+	1	2.73000+	0	4.25710+	1	2.73000+	0	57	3	18	1973
4.27090+	1	-9.10000-	1	4.28000+	1	-9.10000-	1	4.28910+	1	1.82000+	0	57	3	18	1974
4.30290+	1	1.82000+	0	4.32110+	1	0.00000+	0	4.33030+	1	0.00000+	0	57	3	18	1975
4.34860+	1	0.00000+	0	4.36690+	1	0.00000+	0	4.38060+	1	-1.82000+	0	57	3	18	1976
4.40340+	1	1.82000+	0	4.41710+	1	2.27000+	0	4.44000+	1	1.64000+	0	57	3	18	1977
4.46290+	1	0.00000+	0	4.48570+	1	-1.80000-	1	4.50860+	1	0.00000+	0	57	3	18	1978
4.53140+	1	-6.30000-	1	4.55430+	1	-5.50000-	1	4.57710+	1	-7.30000-	1	57	3	18	1979
4.60000+	1	-1.00000+	0	4.61810+	1	-1.43000+	0	4.63630+	1	-7.10000-	1	57	3	18	1980
4.65440+	1	0.00000+	0	4.67260+	1	0.00000+	0	4.72700+	1	0.00000+	0	57	3	18	1981
4.74510+	1	7.20000-	1	4.76330+	1	2.14000+	0	4.77410+	1	2.71000+	0	57	3	18	1982
4.78870+	1	0.00000+	0	4.86120+	1	0.00000+	0	4.90110+	1	0.00000+	0	57	3	18	1983
4.91200+	1	2.86000+	0	4.91930+	1	2.86000+	0	4.93380+	1	0.00000+	0	57	3	18	1984
4.95560+	1	0.00000+	0	4.96640+	1	2.14000+	0	4.97730+	1	2.14000+	0	57	3	18	1985
4.99550+	1	0.00000+	0	5.01720+	1	0.00000+	0	5.10050+	1	0.00000+	0	57	3	18	1986
5.34380+	1	0.00000+	0	5.36190+	1	2.86000+	0	5.38000+	1	3.57000+	0	57	3	18	1987
5.40000+	1	1.43000+	0	5.41810+	1	0.00000+	0	5.43630+	1	0.00000+	0	57	3	18	1988
5.45440+	1	0.00000+	0	5.47260+	1	0.00000+	0	5.49070+	1	0.00000+	0	57	3	18	1989
5.50880+	1	0.00000+	0	5.52700+	1	0.00000+	0	5.59950+	1	0.00000+	0	57	3	18	1990
5.61770+	1	5.00000+	0	5.62860+	1	7.86000+	0	5.63580+	1	5.00000+	0	57	3	18	1991
5.64310+	1	0.00000+	0	5.66490+	1	0.00000+	0	5.67940+	1	5.00000+	0	57	3	18	1992
5.69020+	1	2.86000+	0	5.71200+	1	-7.10000-	1	5.72650+	1	-1.29000+	0	57	3	18	1993
5.76280+	1	-1.29000+	0	5.78100+	1	0.00000+	0	5.79910+	1	0.00000+	0	57	3	18	1994
5.81720+	1	0.00000+	0	5.83170+	1	-2.50000+	0	5.83900+	1	-2.00000+	0	57	3	18	1995
5.88250+	1	0.00000+	0	5.90070+	1	1.40000+	0	5.91160+	1	1.40000+	0	57	3	18	1996
5.94420+	1	7.00000-	1	5.96240+	1	3.50000-	1	5.98050+	1	0.00000+	0	57	3	18	1997
6.01680+	1	0.00000+	0	6.03490+	1	0.00000+	0	6.08930+	1	0.00000+	0	57	3	18	1998
6.40320+	1	0.00000+	0	6.41410+	1	0.00000+	0	6.42490+	1	0.00000+	0	57	3	18	1999
6.43220+	1	0.00000+	0	6.44310+	1	0.00000+	0	6.45400+	1	0.00000+	0	57	3	18	2000
6.46490+	1	0.00000+	0	6.47210+	1	0.00000+	0	6.49020+	1	0.00000+	0	57	3	18	2001
6.52650+	1	0.00000+	0	6.54470+	1	0.00000+	0	6.56280+	1	0.00000+	0	57	3	18	2002
6.57730+	1	0.00000+	0	6.58820+	1	0.00000+	0	6.59910+	1	0.00000+	0	57	3	18	2003
6.61000+	1	0.00000+	0	6.61720+	1	0.00000+	0	6.63540+	1	0.00000+	0	57	3	18	2004
6.64630+	1	0.00000+	0	6.65710+	1	0.00000+	0	6.68250+	1	0.00000+	0	57	3	18	2005
6.76240+	1	0.00000+	0	6.78050+	1	0.00000+	0	6.81680+	1	0.00000+	0	57	3	18	2006
6.85310+	1	0.00000+	0	6.94000+	1	0.00000+	0	6.96190+	1	3.00000+	0	57	3	18	2007

6.98000+	1	4.13000+	0	7.00000+	1	4.14000+	n	7.01810+	1	0.00000+	0	57	3	1A	2008
7.15600+	1	0.00000+	0	7.18140+	1	-2.86000+	n	7.19230+	1	-3.93000+	0	57	3	1A	2009
7.19950+	1	-3.93000+	0	7.20680+	1	-3.57000+	n	7.21040+	1	-2.14000+	0	57	3	1A	2010
7.21770+	1	0.00000+	0	7.23220+	1	0.00000+	n	7.25030+	1	0.00000+	0	57	3	1A	2011
7.26850+	1	6.79000+	n	7.27210+	1	4.00000+	n	7.28300+	1	1.40000+	0	57	3	1A	2012
7.29020+	1	3.60000+	1	7.29750+	1	0.00000+	n	7.30840+	1	0.00000+	0	57	3	1A	2013
7.39910+	1	0.00000+	0	7.44260+	1	0.00000+	n	7.45710+	1	3.57000+	0	57	3	1A	2014
7.47890+	1	1.67900+	1	7.48250+	1	1.67900+	1	7.48620+	1	1.42900+	1	57	3	1A	2015
7.48980+	1	9.29000+	n	7.49340+	1	7.50000+	n	7.49710+	1	5.71000+	0	57	3	1A	2016
7.50430+	1	3.21000+	n	7.50790+	1	2.14000+	0	7.51880+	1	0.00000+	0	57	3	1A	2017
7.60230+	1	-1.00000+	n	7.61680+	1	-1.20000+	n	7.61480+	1	0.00000+	0	57	3	1A	2018
7.69660+	1	0.00000+	0	7.71110+	1	0.00000+	n	7.75620+	1	0.00000+	0	57	3	1A	2019
7.76190+	1	0.00000+	0	7.83000+	1	0.00000+	n	7.83630+	1	5.00000+	0	57	3	1A	2020
7.85440+	1	6.10000+	0	7.87260+	1	5.00000+	n	7.89070+	1	4.50000+	0	57	3	1A	2021
7.90880+	1	3.20000+	0	7.92700+	1	2.14000+	0	7.94510+	1	0.00000+	0	57	3	1A	2022
7.98140+	1	0.00000+	0	7.99950+	1	2.32000+	0	8.00680+	1	2.32000+	0	57	3	1A	2023
8.02490+	1	0.00000+	0	8.04670+	1	0.00000+	0	8.07570+	1	2.00000+	0	57	3	1A	2024
8.08660+	1	2.10000+	0	8.09750+	1	2.00000+	n	8.10840+	1	1.50000+	0	57	3	1A	2025
8.13380+	1	0.00000+	0	8.15190+	1	0.00000+	0	8.16280+	1	0.00000+	0	57	3	1A	2026
8.18100+	1	1.50000+	0	8.20000+	1	1.50000+	n	8.20000+	1	0.00000+	0	57	3	1A	2027
1.00000+	3	0.00000+	0	1.30000+	4	0.00000+	0	2.50000+	4	0.00000+	0	57	3	1A	2028
2.50000+	4	2.28280+	0	2.53000+	4	2.27000+	0	2.51000+	4	2.15000+	0	57	3	1A	2029
2.62000+	4	2.35000+	0	2.65000+	4	2.20000+	n	2.72000+	4	2.25000+	0	57	3	1A	2030
2.75000+	4	2.36000+	0	2.83000+	4	2.37000+	0	2.88000+	4	2.60000+	0	57	3	1A	2031
2.93000+	4	2.10000+	0	2.98000+	4	2.25000+	0	3.00000+	4	2.26100+	0	57	3	1A	2032
3.11000+	4	2.32000+	0	3.13000+	4	2.50000+	n	3.18000+	4	2.25000+	0	57	3	1A	2033
3.21000+	4	2.26000+	0	3.25000+	4	2.13000+	n	3.28000+	4	2.21000+	0	57	3	1A	2034
3.42000+	4	2.20000+	0	3.45000+	4	2.15000+	n	3.50000+	4	2.23000+	0	57	3	1A	2035
3.62000+	4	2.19000+	0	3.65000+	4	2.12000+	n	3.70000+	4	2.18000+	0	57	3	1A	2036
3.79000+	4	2.05000+	n	3.87000+	4	2.22000+	n	3.91000+	4	2.18000+	0	57	3	1A	2037
3.94000+	4	2.12000+	0	4.00000+	4	2.24000+	n	4.04000+	4	2.32000+	0	57	3	1A	2038
4.10000+	4	2.16000+	0	4.15000+	4	2.00000+	n	4.20000+	4	2.09000+	0	57	3	1A	2039
4.30000+	4	2.05000+	0	4.36000+	4	1.96000+	n	4.38000+	4	2.02000+	0	57	3	1A	2040
4.43000+	4	2.01000+	0	4.48000+	4	1.94000+	n	4.50000+	4	1.90490+	0	57	3	1A	2041
4.52000+	4	1.87000+	0	4.54000+	4	1.96000+	n	4.60000+	4	1.97000+	0	57	3	1A	2042
4.62000+	4	2.03000+	0	4.65000+	4	2.05000+	n	4.68000+	4	1.89000+	0	57	3	1A	2043
4.73000+	4	2.02000+	0	4.76000+	4	1.96000+	n	4.82000+	4	1.98000+	0	57	3	1A	2044
4.84000+	4	2.04000+	0	4.88000+	4	2.05000+	n	4.90000+	4	2.02000+	0	57	3	1A	2045
5.00000+	4	2.02000+	0	5.02000+	4	2.00000+	0	5.05000+	4	1.93000+	0	57	3	1A	2046
5.09000+	4	2.04000+	0	5.12000+	4	2.02000+	0	5.15000+	4	1.96000+	0	57	3	1A	2047
5.22000+	4	2.08000+	0	5.25000+	4	1.98000+	n	5.35000+	4	2.02000+	0	57	3	1A	2048
5.39000+	4	1.98000+	0	5.42000+	4	1.91000+	0	5.46000+	4	1.92000+	0	57	3	1A	2049
5.50000+	4	2.00000+	0	5.53000+	4	1.95000+	0	5.57000+	4	1.94000+	0	57	3	1A	2050
5.61000+	4	1.91000+	0	5.67000+	4	1.98000+	n	5.71000+	4	1.98000+	0	57	3	1A	2051
5.76000+	4	2.02000+	0	5.79000+	4	1.94000+	n	5.83000+	4	1.92000+	0	57	3	1A	2052
5.87000+	4	1.86000+	0	5.91000+	4	1.96000+	n	5.92000+	4	2.07000+	0	57	3	1A	2053
5.98000+	4	2.04000+	0	6.00000+	4	1.99590+	0	6.03000+	4	1.93000+	0	57	3	1A	2054
6.12000+	4	1.96000+	0	6.15000+	4	1.90000+	0	6.20000+	4	1.95000+	0	57	3	1A	2055
6.25000+	4	1.94000+	0	6.29000+	4	1.85000+	n	6.32000+	4	1.78000+	0	57	3	1A	2056
6.42000+	4	1.77000+	0	6.47000+	4	1.87000+	n	6.50000+	4	1.89250+	0	57	3	1A	2057
6.51000+	4	1.90000+	0	6.61000+	4	1.90000+	0	6.65000+	4	1.85000+	0	57	3	1A	2058
6.70000+	4	1.89000+	0	6.74000+	4	1.85000+	0	6.80000+	4	1.84000+	0	57	3	1A	2059
6.83000+	4	1.89000+	0	6.89000+	4	1.85000+	0	6.94000+	4	1.92000+	0	57	3	1A	2060
7.00000+	4	1.89330+	0	7.03000+	4	1.88000+	0	7.07000+	4	1.90000+	0	57	3	1A	2061
7.20000+	4	1.85000+	0	7.25000+	4	1.80000+	0	7.31000+	4	1.81000+	0	57	3	1A	2062
7.37000+	4	1.76000+	0	7.41000+	4	1.79000+	0	7.48000+	4	1.87000+	0	57	3	1A	2063
7.50000+	4	1.86200+	0	7.53000+	4	1.85000+	n	7.58000+	4	1.88000+	0	57	3	1A	2064
7.65000+	4	1.89000+	0	7.70000+	4	1.79000+	n	7.76000+	4	1.66000+	0	57	3	1A	2065
7.84000+	4	1.65000+	0	7.89000+	4	1.72000+	0	7.94000+	4	1.78000+	0	57	3	1A	2066
8.00000+	4	1.80000+	0	8.07000+	4	1.80000+	0	8.20000+	4	1.78000+	0	57	3	1A	2067
8.27000+	4	1.76500+	0	8.33000+	4	1.74500+	n	8.40000+	4	1.82000+	0	57	3	1A	2068
8.47000+	4	1.76500+	0	8.50000+	4	1.75250+	n	8.53000+	4	1.74000+	0	57	3	1A	2069
8.61000+	4	1.66000+	0	8.68000+	4	1.63500+	0	8.75000+	4	1.65000+	0	57	3	1A	2070
8.83000+	4	1.78000+	0	8.90000+	4	1.73000+	0	9.00000+	4	1.71460+	0	57	3	1A	2071
9.03000+	4	1.71000+	0	9.12000+	4	1.66000+	0	9.28000+	4	1.66000+	0	57	3	1A	2072
9.36000+	4	1.70000+	0	9.44000+	4	1.56000+	0	9.50000+	4	1.71770+	0	57	3	1A	2073
9.52000+	4	1.77000+	0	9.60000+	4	1.74500+	n	9.68000+	4	1.67000+	0	57	3	1A	2074
9.77000+	4	1.64000+	0	9.85000+	4	1.67500+	0	9.93000+	4	1.75000+	0	57	3	1A	2075
9.99000+	4	1.73000+	0	1.00000+	5	1.63500+	n	1.03000+	5	1.62450+	0	57	3	1A	2076
1.20000+	5	1.57000+	0	1.35000+	5	1.52900+	0	1.40000+	5	1.51760+	0	57	3	1A	2077
1.50000+	5	1.49600+	0	1.60000+	5	1.47800+	0	1.73000+	5	1.44150+	0	57	3	1A	2078

1.80000+	5	1.42300+	0	2.00000+	5	1.38700+	0	4.07000+	5	1.37370+	0	57	3	18	2079
2.15000+	5	1.35900+	0	2.20000+	5	1.34940+	0	4.25000+	5	1.34000+	0	57	3	18	2080
2.35000+	5	1.32680+	0	2.40000+	5	1.32040+	0	4.50000+	5	1.30800+	0	57	3	18	2081
2.60000+	5	1.30350+	0	2.70000+	5	1.29920+	0	4.80000+	5	1.29500+	0	57	3	18	2082
3.00000+	5	1.28000+	0	3.20000+	5	1.24290+	0	3.25000+	5	1.23400+	0	57	3	18	2083
3.40000+	5	1.22850+	0	3.50000+	5	1.22500+	0	3.60000+	5	1.22360+	0	57	3	18	2084
3.80000+	5	1.22100+	0	4.00000+	5	1.21800+	0	4.20000+	5	1.20930+	0	57	3	18	2085
4.40000+	5	1.20100+	0	4.50000+	5	1.19700+	0	4.60000+	5	1.19140+	0	57	3	18	2086
4.70000+	5	1.18590+	0	4.80000+	5	1.18050+	0	5.00000+	5	1.17000+	0	57	3	18	2087
5.20000+	5	1.16460+	0	5.40000+	5	1.15950+	0	5.50000+	5	1.15700+	0	57	3	18	2088
5.60000+	5	1.15600+	0	5.70000+	5	1.15490+	0	5.80000+	5	1.15390+	0	57	3	18	2089
6.00000+	5	1.15200+	0	6.20000+	5	1.14870+	0	6.40000+	5	1.14550+	0	57	3	18	2090
6.50000+	5	1.14400+	0	6.60000+	5	1.14250+	0	6.70000+	5	1.14100+	0	57	3	18	2091
6.80000+	5	1.13900+	0	7.00000+	5	1.13500+	0	7.20000+	5	1.13100+	0	57	3	18	2092
7.30000+	5	1.12900+	0	7.40000+	5	1.12800+	0	7.50000+	5	1.12700+	0	57	3	18	2093
7.60000+	5	1.12850+	0	7.70000+	5	1.13000+	0	7.75000+	5	1.13050+	0	57	3	18	2094
7.80000+	5	1.13100+	0	8.00000+	5	1.13300+	0	8.20000+	5	1.13990+	0	57	3	18	2095
8.40000+	5	1.14670+	0	8.50000+	5	1.15000+	0	8.60000+	5	1.15760+	0	57	3	18	2096
8.80000+	5	1.17250+	0	9.00000+	5	1.18700+	0	9.20000+	5	1.19960+	0	57	3	18	2097
9.40000+	5	1.21190+	0	9.50000+	5	1.21800+	0	9.60000+	5	1.22250+	0	57	3	18	2098
9.70000+	5	1.22700+	0	9.80000+	5	1.22800+	0	1.00000+	6	1.23000+	0	57	3	18	2099
1.05000+	6	1.23260+	0	1.10000+	6	1.23500+	0	1.15000+	6	1.23760+	0	57	3	18	2100
1.20000+	6	1.24000+	0	1.25000+	6	1.24000+	0	1.27500+	6	1.24000+	0	57	3	18	2101
1.30000+	6	1.24000+	0	1.35000+	6	1.24000+	0	1.40000+	6	1.24000+	0	57	3	18	2102
1.45000+	6	1.24380+	0	1.49500+	6	1.24700+	0	1.50000+	6	1.24740+	0	57	3	18	2103
1.60000+	6	1.26520+	0	1.70000+	6	1.28600+	0	1.80000+	6	1.30090+	0	57	3	18	2104
1.90000+	6	1.30980+	0	2.00000+	6	1.31470+	0	2.10000+	6	1.31670+	0	57	3	18	2105
2.20000+	6	1.31670+	0	2.30000+	6	1.30910+	0	2.40000+	6	1.29950+	0	57	3	18	2106
2.50000+	6	1.29160+	0	2.60000+	6	1.28090+	0	2.70000+	6	1.26910+	0	57	3	18	2107
2.80000+	6	1.25150+	0	2.90000+	6	1.22790+	0	3.00000+	6	1.20440+	0	57	3	18	2108
3.10000+	6	1.18580+	0	3.20000+	6	1.17730+	0	3.30000+	6	1.16910+	0	57	3	18	2109
3.40000+	6	1.16160+	0	3.50000+	6	1.15440+	0	3.60000+	6	1.14550+	0	57	3	18	2110
3.70000+	6	1.13680+	0	3.80000+	6	1.12590+	0	3.90000+	6	1.11520+	0	57	3	18	2111
4.00000+	6	1.10540+	0	4.10000+	6	1.09700+	0	4.20000+	6	1.08890+	0	57	3	18	2112
4.30000+	6	1.08090+	0	4.40000+	6	1.07310+	0	4.50000+	6	1.06710+	0	57	3	18	2113
4.60000+	6	1.06130+	0	4.70000+	6	1.05840+	0	4.80000+	6	1.05550+	0	57	3	18	2114
4.90000+	6	1.05200+	0	5.00000+	6	1.04860+	0	5.10000+	6	1.04610+	0	57	3	18	2115
5.20000+	6	1.04370+	0	5.25000+	6	1.04420+	0	5.30000+	6	1.04470+	0	57	3	18	2116
5.40000+	6	1.04570+	0	5.50000+	6	1.04760+	0	5.60000+	6	1.05000+	0	57	3	18	2117
5.70000+	6	1.05500+	0	5.80000+	6	1.06310+	0	5.90000+	6	1.07000+	0	57	3	18	2118
6.00000+	6	1.08000+	0	6.10000+	6	1.09800+	0	6.20000+	6	1.12520+	0	57	3	18	2119
6.30000+	6	1.16400+	0	6.40000+	6	1.21250+	0	6.50000+	6	1.26590+	0	57	3	18	2120
6.60000+	6	1.31920+	0	6.70000+	6	1.36770+	0	6.80000+	6	1.41330+	0	57	3	18	2121
6.90000+	6	1.45500+	0	7.00000+	6	1.48500+	0	7.10000+	6	1.51480+	0	57	3	18	2122
7.20000+	6	1.55200+	0	7.30000+	6	1.57000+	0	7.40000+	6	1.59500+	0	57	3	18	2123
7.50000+	6	1.62000+	0	7.60000+	6	1.63450+	0	7.65000+	6	1.64420+	0	57	3	18	2124
7.70000+	6	1.66000+	0	7.80000+	6	1.67800+	0	7.90000+	6	1.69800+	0	57	3	18	2125
8.00000+	6	1.70720+	0	8.20000+	6	1.73150+	0	8.40000+	6	1.74600+	0	57	3	18	2126
8.50000+	6	1.75090+	0	8.60000+	6	1.75570+	0	8.80000+	6	1.76060+	0	57	3	18	2127
9.00000+	6	1.76060+	0	9.20000+	6	1.76060+	0	9.40000+	6	1.75570+	0	57	3	18	2128
9.50000+	6	1.75280+	0	9.60000+	6	1.75000+	0	9.80000+	6	1.74000+	0	57	3	18	2129
1.00000+	7	1.73000+	0	1.05000+	7	1.70000+	0	1.10000+	7	1.69500+	0	57	3	18	2130
1.15000+	7	1.70000+	0	1.19000+	7	1.73210+	0	1.20000+	7	1.74000+	0	57	3	18	2131
1.25000+	7	1.82000+	0	1.30000+	7	2.00000+	0	1.35000+	7	2.08000+	0	57	3	18	2132
1.40000+	7	2.13000+	0	1.45000+	7	2.15000+	0	1.50000+	7	2.16000+	0	57	3	18	2133
9.22350+	4	2.33025+	2									57	3	0	2134
0.00000+	0	-1.29400+	4									57	3	51	2135
												57	3	51	2136
												57	3	51	2137
1.30000+	4	0.00000+	0	5.00000+	4	4.00000-	2	8.40000+	4	4.50000-	2	57	3	51	2138
1.00000+	5	5.00000-	2	1.03000+	5	5.00000-	2	1.50000+	5	5.00000-	2	57	3	51	2139
1.73000+	5	5.00100-	2	2.00000+	5	4.90000-	2	2.35000+	5	4.80000-	2	57	3	51	2140
2.50000+	5	4.50000-	2	2.70000+	5	4.30000-	2	3.00000+	5	4.00000-	2	57	3	51	2141
3.50000+	5	3.50000-	2	4.00000+	5	3.00000-	2	4.50000+	5	2.50000-	2	57	3	51	2142
5.00000+	5	2.00000-	2	5.50000+	5	1.50000-	2	10.00000+	5	1.00000-	2	57	3	51	2143
6.50000+	5	5.00000-	3	7.00000+	5	1.00000-	3	1.50000+	5	0.00000+	0	57	3	51	2144
1.50000+	7	0.00000+	0									57	3	51	2145
												57	3	0	2146
9.22350+	4	2.33025+	2									57	3	52	2147
0.00000+	0	-4.96000+	4									57	3	52	2148
												57	3	52	2149

5.00000+	4	0.00000+	0	8.40000+	4	1.50000-	1	1.00000+	5	2.90000-	1	57	3	52	2150
1.03000+	5	2.92000-	1	1.50000+	5	3.20000-	1	1.73000+	5	3.30000-	1	57	3	52	2151
2.00000+	5	3.40000-	1	2.35000+	5	3.50000-	1	2.50000+	5	3.50000-	1	57	3	52	2152
2.70000+	5	3.50010-	1	3.00000+	5	3.50000-	1	3.50000+	5	3.50000-	1	57	3	52	2153
4.00000+	5	3.50020-	1	4.50000+	5	3.50010-	1	7.00000+	5	3.50000-	1	57	3	52	2154
5.50000+	5	3.50010-	1	6.00000+	5	3.49990-	1	6.50000+	5	3.40020-	1	57	3	52	2155
7.00000+	5	3.10000-	1	7.50000+	5	2.89990-	1	8.00000+	5	2.70000-	1	57	3	52	2156
8.50000+	5	2.40000-	1	9.00000+	5	2.10010-	1	9.50000+	5	1.79850-	1	57	3	52	2157
1.00000+	6	1.49990-	1	1.50000+	6	1.10000-	1	2.00000+	6	9.00000-	2	57	3	52	2158
2.50000+	6	7.00000-	2	3.00000+	6	6.00000-	2	3.50000+	6	4.93600-	2	57	3	52	2159
4.00000+	6	4.00000-	2	4.50000+	6	2.00000-	2	5.00000+	6	6.00000-	3	57	3	52	2160
5.50000+	6	6.00000-	3	6.00000+	6	6.00000-	3	6.50000+	6	6.00000-	3	57	3	52	2161
7.00000+	6	6.00000-	3	7.50000+	6	6.00000-	3	8.00000+	6	6.00000-	3	57	3	52	2162
8.50000+	6	6.00000-	3	9.00000+	6	6.00000-	3	9.50000+	6	6.00000-	3	57	3	52	2163
1.00000+	7	6.00000-	3	1.05000+	7	6.00000-	3	1.10000+	7	6.00000-	3	57	3	52	2164
1.15000+	7	6.00000-	3	1.20000+	7	6.00000-	3	1.25000+	7	6.00000-	3	57	3	52	2165
1.30000+	7	6.00000-	3	1.35000+	7	6.00000-	3	1.40000+	7	6.00000-	3	57	3	52	2166
1.45000+	7	6.00000-	3	1.50000+	7	6.00000-	3					57	3	52	2167
												57	3	0	2168
9.22350+	4	2.33025+	2				3		0		0	57	3	53	2169
0.00000+	0	-8.36000+	4						1		33	57	3	53	2170
	33		2									57	3	53	2171
8.40000+	4	0.00000+	0	1.00000+	5	3.00000-	2	1.03000+	5	4.80000-	2	57	3	53	2172
1.50000+	5	1.00000-	1	1.73000+	5	1.20000-	1	2.00000+	5	1.40000-	1	57	3	53	2173
2.35000+	5	1.50000-	1	2.50000+	5	1.50000-	1	2.70000+	5	1.50000-	1	57	3	53	2174
3.00000+	5	1.50010-	1	3.50000+	5	1.49990-	1	4.00000+	5	1.50000-	1	57	3	53	2175
4.50000+	5	1.50000-	1	5.00000+	5	1.50020-	1	5.50000+	5	1.49990-	1	57	3	53	2176
6.00000+	5	1.40000-	1	6.50000+	5	1.30000-	1	7.00000+	5	1.20000-	1	57	3	53	2177
7.50000+	5	1.10000-	1	8.00000+	5	1.00000-	1	8.50000+	5	9.00000-	2	57	3	53	2178
9.00000+	5	8.00000-	2	9.50000+	5	6.00000-	2	1.00000+	6	4.00400-	2	57	3	53	2179
1.50000+	6	3.00000-	2	2.00000+	6	2.00000-	2	2.50000+	6	2.00000-	2	57	3	53	2180
3.00000+	6	2.00000-	2	3.50000+	6	1.00000-	2	4.00000+	6	1.00000-	2	57	3	53	2181
4.50000+	6	5.00000-	3	5.00000+	6	0.00000+	0	1.50000+	7	0.00000+	0	57	3	53	2182
												57	3	0	2183
9.22350+	4	2.33025+	2				4		0		0	57	3	54	2184
0.00000+	0	-1.02500+	5						1		31	57	3	54	2185
	31		2									57	3	54	2186
1.03000+	5	0.00000+	0	1.50000+	5	3.00000-	2	1.73000+	5	4.00000-	2	57	3	54	2187
2.00000+	5	5.00000-	2	2.35000+	5	5.00000-	2	2.50000+	5	5.00000-	2	57	3	54	2188
2.70000+	5	5.00000-	2	3.00000+	5	5.00000-	2	3.50000+	5	5.00000-	2	57	3	54	2189
4.00000+	5	5.00000-	2	4.50000+	5	5.00000-	2	5.00000+	5	5.00000-	2	57	3	54	2190
5.50000+	5	5.00000-	2	6.00000+	5	5.00000-	2	6.50000+	5	5.00000-	2	57	3	54	2191
7.00000+	5	5.00000-	2	7.50000+	5	4.00000-	2	8.00000+	5	4.00000-	2	57	3	54	2192
8.50000+	5	4.00000-	2	9.00000+	5	4.00000-	2	9.50000+	5	4.00000-	2	57	3	54	2193
1.00000+	6	4.00400-	2	1.50000+	6	3.00000-	2	2.00000+	6	2.00000-	2	57	3	54	2194
2.50000+	6	2.00000-	2	3.00000+	6	2.00000-	2	3.50000+	6	1.00000-	2	57	3	54	2195
4.00000+	6	1.00000-	2	4.50000+	6	5.00000-	3	5.00000+	6	0.00000+	0	57	3	54	2196
1.50000+	7	0.00000+	0									57	3	54	2197
												57	3	0	2198
9.22350+	4	2.33025+	2				5		0		0	57	3	55	2199
0.00000+	0	-1.49200+	5						1		30	57	3	55	2200
	30		2									57	3	55	2201
1.50000+	5	0.00000+	0	1.73000+	5	2.00000-	2	2.00000+	5	5.00000-	2	57	3	55	2202
2.35000+	5	5.00000-	2	2.50000+	5	5.00000-	2	2.70000+	5	5.00000-	2	57	3	55	2203
3.00000+	5	5.00000-	2	3.50000+	5	5.00000-	2	4.00000+	5	5.00000-	2	57	3	55	2204
4.50000+	5	5.00000-	2	5.00000+	5	5.00000-	2	5.50000+	5	5.00000-	2	57	3	55	2205
6.00000+	5	5.00000-	2	6.50000+	5	5.00000-	2	7.00000+	5	5.00000-	2	57	3	55	2206
7.50000+	5	4.00000-	2	8.00000+	5	4.00000-	2	8.50000+	5	4.00000-	2	57	3	55	2207
9.00000+	5	4.00000-	2	9.50000+	5	4.00000-	2	1.00000+	6	4.00000-	2	57	3	55	2208
1.50000+	6	3.00000-	2	2.00000+	6	2.00000-	2	2.50000+	6	2.00000-	2	57	3	55	2209
3.00000+	6	2.00000-	2	3.50000+	6	1.00000-	2	4.00000+	6	1.00000-	2	57	3	55	2210
4.50000+	6	5.00000-	3	5.00000+	6	0.00000+	0	1.50000+	7	0.00000+	0	57	3	55	2211
												57	3	0	2212
9.22350+	4	2.33025+	2				6		0		0	57	3	56	2213
0.00000+	0	-1.72000+	5						1		29	57	3	56	2214
	29		2									57	3	56	2215
1.73000+	5	0.00000+	0	2.00000+	5	1.00000-	3	2.35000+	5	2.60000-	2	57	3	56	2216
2.50000+	5	5.00000-	2	2.70000+	5	8.00000-	2	3.00000+	5	1.00000-	1	57	3	56	2217
3.50000+	5	1.40000-	1	4.00000+	5	1.70000-	1	4.50000+	5	1.90000-	1	57	3	56	2218
5.00000+	5	2.00000-	1	5.50000+	5	2.00000-	1	6.00000+	5	2.00000-	1	57	3	56	2219
6.50000+	5	2.00000-	1	7.00000+	5	1.80000-	1	7.50000+	5	1.60000-	1	57	3	56	2220

8.00000+	5	1.40000-	1	8.50000+	5	1.00000-	1	4.00000+	5	8.00000-	2	57	3	56	2221
9.50000+	5	6.00000-	2	1.00000+	6	4.00000-	2	1.50000+	6	3.00000-	2	57	3	56	2222
2.00000+	6	2.00000-	2	2.50000+	6	2.00000-	2	3.00000+	6	2.00000-	2	57	3	56	2223
3.50000+	6	1.00000-	2	4.00000+	6	1.00000-	2	4.50000+	6	5.00000-	3	57	3	56	2224
5.00000+	6	0.00000+	0	1.50000+	7	0.00000+	0					57	3	56	2225
												57	3	0	2226
9.22350+	4	2.33025+	2				7		0		0	57	3	57	2227
0.00000+	0	2.34000+	5				0		1		27	57	3	57	2228
												57	3	57	2229
2.35000+	5	0.00000+	0	2.50000+	5	3.00000-	2	4.70000+	5	4.00000-	2	57	3	57	2230
3.00000+	5	5.00000-	2	3.50000+	5	7.00000-	2	5.00000+	5	8.00000-	2	57	3	57	2231
4.50000+	5	9.00000-	2	5.00000+	5	1.00000-	1	5.50000+	5	1.00000-	1	57	3	57	2232
6.00000+	5	1.00000-	1	6.50000+	5	1.00000-	1	7.00000+	5	9.00000-	2	57	3	57	2233
7.50000+	5	8.00000-	2	8.00000+	5	7.00000-	2	8.50000+	5	6.00000-	2	57	3	57	2234
9.00000+	5	5.00000-	2	9.50000+	5	4.00000-	2	1.00000+	6	4.00000-	2	57	3	57	2235
1.50000+	6	3.00000-	2	2.00000+	6	2.00000-	2	2.50000+	6	2.00000-	2	57	3	57	2236
3.00000+	6	2.00000-	2	3.50000+	6	1.00000-	2	4.00000+	6	1.00000-	2	57	3	57	2237
4.50000+	6	5.00000-	3	5.00000+	6	0.00000+	0	1.50000+	7	0.00000+	0	57	3	57	2238
												57	3	0	2239
9.22350+	4	2.33025+	2				8		0		0	57	3	58	2240
0.00000+	0	2.68000+	5				0		1		25	57	3	58	2241
												57	3	58	2242
2.70000+	5	0.00000+	0	3.00000+	5	2.00000-	2	3.50000+	5	4.00000-	2	57	3	58	2243
4.00000+	5	7.00000-	2	4.50000+	5	9.00000-	2	5.00000+	5	1.00000-	1	57	3	58	2244
5.50000+	5	1.00000-	1	6.00000+	5	1.00000-	1	7.00000+	5	1.00000-	1	57	3	58	2245
7.00000+	5	1.00000-	1	7.50000+	5	9.00000-	2	8.00000+	5	8.00000-	2	57	3	58	2246
8.50000+	5	6.00000-	2	9.00000+	5	5.00000-	2	9.50000+	5	4.00000-	2	57	3	58	2247
1.00000+	6	4.00000-	2	1.50000+	6	3.00000-	2	2.00000+	6	2.00000-	2	57	3	58	2248
2.50000+	6	2.00000-	2	3.00000+	6	2.00000-	2	3.50000+	6	1.00000-	2	57	3	58	2249
4.00000+	6	1.00000-	2	4.50000+	6	5.00000-	3	5.00000+	6	0.00000+	0	57	3	58	2250
1.50000+	7	0.00000+	0									57	3	58	2251
												57	3	0	2252
9.22350+	4	2.33025+	2				9		0		0	57	3	59	2253
0.00000+	0	3.98000+	5				0		1		23	57	3	59	2254
												57	3	59	2255
4.00000+	5	0.00000+	0	4.50000+	5	5.00000-	2	5.00000+	5	8.00000-	2	57	3	59	2256
5.50000+	5	1.00000-	1	6.00000+	5	1.40000-	1	6.50000+	5	1.70000-	1	57	3	59	2257
7.00000+	5	1.80000-	1	7.50000+	5	1.90000-	1	8.00000+	5	2.00000-	1	57	3	59	2258
8.50000+	5	2.00000-	1	9.00000+	5	2.00000-	1	9.50000+	5	2.00000-	1	57	3	59	2259
1.00000+	6	1.80000-	1	1.50000+	6	1.50000-	1	2.00000+	6	1.30000-	1	57	3	59	2260
2.50000+	6	1.00000-	1	3.00000+	6	9.00000-	2	3.50000+	6	7.00000-	2	57	3	59	2261
4.00000+	6	4.00000-	2	4.50000+	6	1.00000-	2	5.00000+	6	1.84000-	3	57	3	59	2262
5.50000+	6	0.00000+	0	1.50000+	7	0.00000+	0					57	3	59	2263
												57	3	0	2264
9.22350+	4	2.33025+	2				10		0		0	57	3	60	2265
0.00000+	0	5.97000+	5				0		1		21	57	3	60	2266
												57	3	60	2267
6.00000+	5	0.00000+	0	6.50000+	5	1.00000-	1	7.00000+	5	2.20000-	1	57	3	60	2268
7.50000+	5	3.20000-	1	8.00000+	5	4.00000-	1	8.50000+	5	5.00000-	1	57	3	60	2269
9.00000+	5	6.00000-	1	9.50000+	5	6.80000-	1	1.00000+	6	7.80000-	1	57	3	60	2270
1.50000+	6	8.30000-	1	2.00000+	6	8.30000-	1	2.50000+	6	7.80000-	1	57	3	60	2271
3.00000+	6	5.80000-	1	3.50000+	6	3.60000-	1	4.00000+	6	2.30000-	1	57	3	60	2272
4.50000+	6	1.20000-	1	5.00000+	6	3.50000-	2	5.50000+	6	1.77000-	2	57	3	60	2273
6.00000+	6	3.30000-	3	6.50000+	6	0.00000+	0	1.50000+	7	0.00000+	0	57	3	60	2274
												57	3	0	2275
9.22350+	4	2.33025+	2				99		0		0	57	3	91	2276
0.00000+	0	0.00000+	0				0		1		30	57	3	91	2277
												57	3	91	2278
9.50000+	5	0.00000+	0	1.00000+	6	2.00000-	2	1.50000+	6	3.30000-	1	57	3	91	2279
2.00000+	6	5.80000-	1	2.50000+	6	6.80000-	1	3.00000+	6	9.60000-	1	57	3	91	2280
3.50000+	6	1.27000+	0	4.00000+	6	1.45000+	0	4.50000+	6	1.65000+	0	57	3	91	2281
5.00000+	6	1.79716+	0	5.50000+	6	1.74630+	0	6.00000+	6	1.64070+	0	57	3	91	2282
6.50000+	6	1.35400+	0	7.00000+	6	1.08400+	0	7.50000+	6	8.24000-	1	57	3	91	2283
8.00000+	6	6.24000-	1	8.50000+	6	5.04000-	1	9.00000+	6	4.64000-	1	57	3	91	2284
9.50000+	6	4.34000-	1	1.00000+	7	4.24000-	1	1.05000+	7	4.14000-	1	57	3	91	2285
1.10000+	7	4.04000-	1	1.15000+	7	3.94000-	1	1.20000+	7	3.74000-	1	57	3	91	2286
1.25000+	7	3.54000-	1	1.30000+	7	3.44000-	1	1.35000+	7	3.34000-	1	57	3	91	2287
1.40000+	7	3.24000-	1	1.45000+	7	3.14000-	1	1.50000+	7	3.04000-	1	57	3	91	2288
												57	3	0	2289
9.22350+	4	2.33025+	2				99		0		0	57	3102	2290	
0.00000+	0	6.54510+	6				0		3		840	57	3102	2291	

51	5	526	2	840	5	57	3102	2292						
1.00000-	5	5.45550+	3	1.00000-	3	5.43925+	2	5.00000-	3	2.40175+	2	57	3102	2293
1.00000-	2	1.66868+	2	1.50000-	2	1.32858+	2	2.00000-	2	1.12701+	2	57	3102	2294
2.53000-	2	9.83000+	1	3.00000-	2	8.89311+	1	3.50000-	2	8.12461+	1	57	3102	2295
4.00000-	2	7.50882+	1	4.50000-	2	7.01150+	1	5.00000-	2	6.58760+	1	57	3102	2296
5.50000-	2	6.22537+	1	6.00000-	2	5.91210+	1	6.50000-	2	5.63896+	1	57	3102	2297
7.00000-	2	5.39617+	1	7.50000-	2	5.17786+	1	6.00000-	2	5.01045+	1	57	3102	2298
8.50000-	2	4.83423+	1	9.00000-	2	4.67564+	1	7.50000-	2	4.53956+	1	57	3102	2299
1.00000-	1	4.42795+	1	1.40000-	1	3.87581+	1	1.80000-	1	3.81315+	1	57	3102	2300
2.03340-	1	4.01580+	1	2.23340-	1	4.25908+	1	2.43340-	1	4.49844+	1	57	3102	2301
2.63340-	1	4.72165+	1	2.83340-	1	4.84304+	1	3.03340-	1	4.58949+	1	57	3102	2302
3.23340-	1	3.94923+	1	3.43340-	1	3.21743+	1	3.63340-	1	2.64424+	1	57	3102	2303
3.83340-	1	2.11392+	1	4.03340-	1	1.73858+	1	4.23340-	1	1.40592+	1	57	3102	2304
4.64920-	1	1.13866+	1	5.04920-	1	9.58799+	0	5.44920-	1	8.24855+	0	57	3102	2305
5.84920-	1	7.22639+	0	6.24920-	1	6.51271+	0	6.64920-	1	6.04289+	0	57	3102	2306
7.04920-	1	5.74665+	0	7.44920-	1	5.59637+	0	7.84920-	1	5.57768+	0	57	3102	2307
8.24920-	1	5.70181+	0	8.64920-	1	6.00990+	0	9.04920-	1	6.49606+	0	57	3102	2308
9.44920-	1	7.27680+	0	9.84920-	1	8.81136+	0	1.00000-	0	9.73622+	0	57	3102	2309
1.00000-	0	-1.49500+	0	1.05500+	0	-1.48000+	0	1.13300+	0	-1.47000+	0	57	3102	2310
1.09100+	0	-1.46000+	0	1.18200+	0	7.10000-	1	1.20000+	0	1.07000+	0	57	3102	2311
1.21800+	0	1.14000+	0	1.23600+	0	1.14000+	0	1.32700+	0	0.00000+	0	57	3102	2312
2.63600+	0	0.00000+	0	2.69100+	0	1.43000+	0	2.74500+	0	2.29000+	0	57	3102	2313
2.80000+	0	1.43000+	0	2.81800+	0	1.07000+	0	2.85500+	0	0.00000+	0	57	3102	2314
3.49100+	0	0.00000+	0	3.54500+	0	-1.20000+	0	3.58200+	0	-2.50000+	0	57	3102	2315
3.63600+	0	0.00000+	0	3.69100+	0	2.86000+	0	3.72700+	0	1.79000+	0	57	3102	2316
3.81800+	0	7.10000-	1	3.89900+	0	0.00000+	0	4.00000+	0	0.00000+	0	57	3102	2317
4.54500+	0	0.00000+	0	4.63600+	0	1.14000+	0	4.72700+	0	3.57000+	0	57	3102	2318
4.78200+	0	1.00000+	0	4.80000+	0	0.00000+	0	4.83600+	0	0.00000+	0	57	3102	2319
4.85500+	0	-5.00000+	0	4.89100+	0	-6.40000+	0	4.90900+	0	-2.00000+	0	57	3102	2320
4.94500+	0	0.00000+	0	4.98100+	0	4.30000-	1	5.07100+	0	4.30000-	1	57	3102	2321
5.14500+	0	0.00000+	0	5.18200+	0	0.00000+	0	5.27300+	0	0.00000+	0	57	3102	2322
6.00000+	0	0.00000+	0	6.09100+	0	0.00000+	0	6.18400+	0	1.50000+	0	57	3102	2323
6.21800+	0	3.00000+	0	6.25500+	0	0.00000+	0	6.27100+	0	0.00000+	0	57	3102	2324
6.41800+	0	0.00000+	0	6.45500+	0	0.00000+	0	6.47100+	0	2.14000+	0	57	3102	2325
6.54500+	0	2.86000+	0	6.63600+	0	0.00000+	0	6.72700+	0	0.00000+	0	57	3102	2326
7.29100+	0	0.00000+	0	7.81800+	0	0.00000+	0	8.00000+	0	2.00000+	0	57	3102	2327
8.18100+	0	2.57000+	0	8.36300+	0	3.72000+	0	8.45300+	0	0.00000+	0	57	3102	2328
8.92500+	0	0.00000+	0	9.01500+	0	4.29000+	0	9.05200+	0	4.29000+	0	57	3102	2329
9.10600+	0	4.29000+	0	9.17900+	0	4.29000+	0	9.23300+	0	2.14000+	0	57	3102	2330
9.30600+	0	-1.43000+	0	9.36000+	0	-2.50000+	0	9.43200+	0	-2.14000+	0	57	3102	2331
9.45100+	0	-1.79000+	0	9.50500+	0	-7.10000-	1	9.54100+	0	0.00000+	0	57	3102	2332
9.70400+	0	0.00000+	0	9.75900+	0	0.00000+	0	9.99500+	0	0.00000+	0	57	3102	2333
1.00850+	1	1.43000+	0	1.01740+	1	-2.14000+	0	1.02670+	1	-2.14000+	0	57	3102	2334
1.03390+	1	-7.10000-	1	1.04300+	1	0.00000+	0	1.06290+	1	1.40000-	1	57	3102	2335
1.07200+	1	4.30000-	1	1.08110+	1	5.70000-	1	1.09370+	1	6.40000-	1	57	3102	2336
1.09920+	1	7.10000-	1	1.12640+	1	1.50000+	0	1.14090+	1	2.70000+	0	57	3102	2337
1.14450+	1	2.88000+	0	1.14810+	1	2.70000+	0	1.15540+	1	0.00000+	0	57	3102	2338
1.18620+	1	0.00000+	0	1.18980+	1	8.00000-	1	1.20000+	1	2.00000+	0	57	3102	2339
1.20910+	1	4.00000+	0	1.21450+	1	4.00000+	0	1.22000+	1	3.64000+	0	57	3102	2340
1.23500+	1	0.00000+	0	1.24900+	1	0.00000+	0	1.25440+	1	0.00000+	0	57	3102	2341
1.40850+	1	0.00000+	0	1.42670+	1	0.00000+	0	1.43570+	1	0.00000+	0	57	3102	2342
1.44120+	1	0.00000+	0	1.44480+	1	0.00000+	0	1.46110+	1	5.00000-	1	57	3102	2343
1.46470+	1	1.00000+	0	1.47370+	1	1.10000+	0	1.49010+	1	1.07000+	0	57	3102	2344
1.50000+	1	7.10000-	1	1.50910+	1	7.10000-	1	1.51820+	1	0.00000+	0	57	3102	2345
1.52730+	1	0.00000+	0	1.53640+	1	0.00000+	0	1.54550+	1	0.00000+	0	57	3102	2346
1.55450+	1	0.00000+	0	1.56360+	1	2.14000+	0	1.57270+	1	3.57000+	0	57	3102	2347
1.58180+	1	3.57000+	0	1.59090+	1	2.14000+	0	1.60000+	1	0.00000+	0	57	3102	2348
1.60910+	1	0.00000+	0	1.61820+	1	0.00000+	0	1.62730+	1	1.43000+	0	57	3102	2349
1.63640+	1	2.50000+	0	1.64340+	1	2.50000+	0	1.64910+	1	2.14000+	0	57	3102	2350
1.65450+	1	0.00000+	0	1.66360+	1	0.00000+	0	1.67270+	1	0.00000+	0	57	3102	2351
1.70000+	1	0.00000+	0	1.70910+	1	3.60000-	1	1.71810+	1	7.10000-	1	57	3102	2352
1.72730+	1	7.10000-	1	1.73640+	1	7.10000-	1	1.74550+	1	7.10000-	1	57	3102	2353
1.75450+	1	7.10000-	1	1.76360+	1	1.07000+	0	1.77270+	1	1.07000+	0	57	3102	2354
1.78180+	1	8.60000-	1	1.79090+	1	0.00000+	0	1.83640+	1	0.00000+	0	57	3102	2355
1.84550+	1	7.10000-	1	1.85450+	1	1.07000+	0	1.86360+	1	1.43000+	0	57	3102	2356
1.87270+	1	3.60000-	1	1.88180+	1	0.00000+	0	1.95090+	1	0.00000+	0	57	3102	2357
1.95270+	1	1.00000+	0	1.95450+	1	1.43000+	0	1.96180+	1	1.10000+	0	57	3102	2358
1.96720+	1	9.00000-	1	1.97270+	1	7.10000-	1	1.98180+	1	7.10000-	1	57	3102	2359
1.99090+	1	7.10000-	1	2.00000+	1	4.00000+	1	2.00910+	1	0.00000+	0	57	3102	2360
2.02730+	1	0.00000+	0	2.03640+	1	0.00000+	0	2.04550+	1	-2.14000+	0	57	3102	2361
2.05450+	1	-6.43000+	0	2.05820+	1	-6.43000+	0	2.06360+	1	-2.86000+	0	57	3102	2362

2.06730+	1	0.00000+	0	2.07270+	1	5.00000+	0	2.07640+	1	7.14000+	0	57	3102	2363
2.08180+	1	8.93000+	0	2.09090+	1	8.57000+	0	2.10000+	1	4.29000+	0	57	3102	2364
2.10360+	1	0.00000+	0	2.10910+	1	-6.43000+	0	2.11270+	1	-1.42900+	1	57	3102	2365
2.11820+	1	-1.64300+	0	2.12180+	1	-1.42900+	1	2.12640+	1	-7.14000+	0	57	3102	2366
2.13640+	1	-2.14000+	0	2.14000+	1	-1.50000+	0	2.14550+	1	-1.20000+	0	57	3102	2367
2.15450+	1	-1.07000+	0	2.17270+	1	-7.10000-	1	2.19090+	1	-3.60000-	1	57	3102	2368
2.20910+	1	0.00000+	0	2.27730+	1	3.60000-	1	2.24550+	1	1.14000+	0	57	3102	2369
2.26360+	1	1.43000+	0	2.28180+	1	2.86000+	0	2.30000+	1	1.43000+	0	57	3102	2370
2.31150+	1	3.64000+	0	2.32300+	1	2.73000+	0	2.34600+	1	-1.36000+	0	57	3102	2371
2.36900+	1	-3.18000+	0	2.38740+	1	-2.73000+	0	2.40110+	1	-2.27000+	0	57	3102	2372
2.41030+	1	-2.00000+	0	2.43790+	1	-1.82000+	0	2.46090+	1	-1.18000+	0	57	3102	2373
2.48390+	1	-2.70000-	1	2.50690+	1	-2.70000-	1	2.51610+	1	-4.50000-	1	57	3102	2374
2.53450+	1	-1.36000+	0	2.55290+	1	-1.00000+	0	2.55750+	1	-9.00000-	1	57	3102	2375
2.57130+	1	0.00000+	0	2.58510+	1	1.82000+	0	2.60340+	1	2.00000+	0	57	3102	2376
2.61260+	1	1.50000+	0	2.62180+	1	1.09000+	0	2.64480+	1	-8.00000-	1	57	3102	2377
2.65400+	1	-1.00000+	0	2.70000+	1	-5.00000-	1	2.71380+	1	0.00000+	0	57	3102	2378
2.73680+	1	0.00000+	0	2.74140+	1	0.00000+	0	2.75980+	1	0.00000+	0	57	3102	2379
2.78280+	1	0.00000+	0	2.80570+	1	0.00000+	0	2.82870+	1	0.00000+	0	57	3102	2380
2.84250+	1	0.00000+	0	2.85170+	1	-5.50000-	1	2.87470+	1	0.00000+	0	57	3102	2381
2.89770+	1	9.10000+	1	2.92070+	1	9.00000+	1	2.94370+	1	0.00000+	0	57	3102	2382
2.96670+	1	0.00000+	0	2.98970+	1	1.00000+	0	3.00000+	1	1.00000+	0	57	3102	2383
3.02290+	1	1.27000+	0	3.04570+	1	0.00000+	0	3.06860+	1	0.00000+	0	57	3102	2384
3.07770+	1	0.00000+	0	3.09140+	1	0.00000+	0	3.09600+	1	8.20000-	1	57	3102	2385
3.10970+	1	1.50000+	0	3.11430+	1	1.40000+	0	3.13710+	1	1.00000+	0	57	3102	2386
3.16000+	1	1.50000+	0	3.16910+	1	7.30000-	1	3.18290+	1	-9.20000-	1	57	3102	2387
3.18740+	1	-1.80000+	0	3.19660+	1	0.00000+	0	3.20570+	1	0.00000+	0	57	3102	2388
3.21940+	1	0.00000+	0	3.22860+	1	0.00000+	0	3.25140+	1	9.10000-	1	57	3102	2389
3.27430+	1	9.60000-	1	3.29710+	1	2.40000+	0	3.32000+	1	1.10000+	0	57	3102	2390
3.35200+	1	0.00000+	0	3.36110+	1	0.00000+	0	3.37490+	1	0.00000+	0	57	3102	2391
3.38860+	1	0.00000+	0	3.41140+	1	0.00000+	0	3.43430+	1	0.00000+	0	57	3102	2392
3.44340+	1	-1.09100+	1	3.44800+	1	-1.09100+	1	3.45260+	1	-9.09000+	0	57	3102	2393
3.45710+	1	-6.36000+	0	3.46170+	1	-5.45000+	0	3.46630+	1	-3.64000+	0	57	3102	2394
3.47090+	1	-1.82000+	0	3.47540+	1	0.00000+	0	3.48460+	1	1.82000+	0	57	3102	2395
3.48910+	1	3.64000+	0	3.50290+	1	3.64000+	0	3.52570+	1	0.00000+	0	57	3102	2396
3.54860+	1	0.00000+	0	3.57140+	1	0.00000+	0	3.59430+	1	0.00000+	0	57	3102	2397
3.66290+	1	0.00000+	0	3.68570+	1	0.00000+	0	3.70860+	1	0.00000+	0	57	3102	2398
3.73140+	1	0.00000+	0	3.75430+	1	0.00000+	0	3.77710+	1	0.00000+	0	57	3102	2399
3.80000+	1	-5.00000-	2	3.82290+	1	-5.00000-	2	3.84570+	1	0.00000+	0	57	3102	2400
3.86860+	1	3.60000-	1	3.89140+	1	2.18000+	0	3.91430+	1	1.75000+	0	57	3102	2401
3.92340+	1	2.00000+	0	3.92800+	1	2.73000+	0	3.93710+	1	0.00000+	0	57	3102	2402
3.95090+	1	0.00000+	0	3.96000+	1	0.00000+	0	3.96910+	1	0.00000+	0	57	3102	2403
3.98290+	1	0.00000+	0	3.99660+	1	0.00000+	0	4.001940+	1	4.50000-	1	57	3102	2404
4.05140+	1	0.00000+	0	4.06970+	1	0.00000+	0	4.07430+	1	0.00000+	0	57	3102	2405
4.07890+	1	0.00000+	0	4.09710+	1	0.00000+	0	4.12000+	1	0.00000+	0	57	3102	2406
4.14290+	1	-4.50000-	1	4.15660+	1	-2.73000+	0	4.16570+	1	-4.50000-	1	57	3102	2407
4.17940+	1	0.00000+	0	4.19770+	1	0.00000+	0	4.21140+	1	0.00000+	0	57	3102	2408
4.22970+	1	-1.00000+	0	4.23890+	1	-2.00000+	0	4.25710+	1	-1.50000+	0	57	3102	2409
4.27090+	1	0.00000+	0	4.28000+	1	2.00000+	0	4.28910+	1	1.82000+	0	57	3102	2410
4.30290+	1	-1.64000+	0	4.32110+	1	-1.82000+	0	4.33030+	1	-2.00000+	0	57	3102	2411
4.34860+	1	-4.00000+	0	4.36690+	1	-2.20000+	0	4.38060+	1	0.00000+	0	57	3102	2412
4.41710+	1	0.00000+	0	4.44000+	1	-1.82000+	0	4.46290+	1	0.00000+	0	57	3102	2413
4.60000+	1	0.00000+	0	4.61810+	1	7.10000-	1	4.63630+	1	5.00000-	1	57	3102	2414
4.65440+	1	1.29000+	0	4.67260+	1	0.00000+	0	4.67270+	1	0.00000+	0	57	3102	2415
4.74510+	1	0.00000+	0	4.76330+	1	9.00000-	1	4.77410+	1	8.00000-	1	57	3102	2416
4.78870+	1	7.10000-	1	4.79590+	1	0.00000+	0	4.80680+	1	-3.57000+	0	57	3102	2417
4.81770+	1	-3.57000+	0	4.82860+	1	0.00000+	0	4.83950+	1	0.00000+	0	57	3102	2418
4.85400+	1	5.71000+	0	4.86120+	1	6.57000+	0	4.86850+	1	5.71000+	0	57	3102	2419
4.88660+	1	-4.29000+	0	4.89340+	1	-4.86000+	0	4.90110+	1	-3.57000+	0	57	3102	2420
4.91200+	1	-2.14000+	0	4.91930+	1	-2.14000+	0	4.93380+	1	-7.10000-	1	57	3102	2421
4.95560+	1	3.57000+	0	4.96640+	1	2.86000+	0	4.97730+	1	2.29000+	0	57	3102	2422
4.99550+	1	1.29000+	0	5.01720+	1	0.00000+	0	5.018050+	1	0.00000+	0	57	3102	2423
5.25310+	1	-7.10000-	1	5.27120+	1	7.10000-	1	5.32560+	1	7.10000-	1	57	3102	2424
5.34380+	1	7.10000-	1	5.36190+	1	0.00000+	0	5.38000+	1	-7.10000-	1	57	3102	2425
5.40000+	1	-3.60000-	1	5.41810+	1	0.00000+	0	5.43630+	1	0.00000+	0	57	3102	2426
5.45440+	1	0.00000+	0	5.47260+	1	0.00000+	0	5.49070+	1	0.00000+	0	57	3102	2427
5.50880+	1	0.00000+	0	5.52700+	1	0.00000+	0	5.54510+	1	0.00000+	0	57	3102	2428
5.56330+	1	0.00000+	0	5.58140+	1	-7.10000-	1	5.59950+	1	-7.10000-	1	57	3102	2429
5.69020+	1	-7.10000-	1	5.71200+	1	1.43000+	0	5.72650+	1	1.79000+	0	57	3102	2430
5.76280+	1	1.79000+	0	5.78100+	1	0.00000+	0	5.79910+	1	-1.43000+	0	57	3102	2431
5.81720+	1	0.00000+	0	5.83170+	1	1.00000+	0	5.83900+	1	1.00000+	0	57	3102	2432
5.84990+	1	5.00000-	1	5.85710+	1	0.00000+	0	5.86800+	1	-3.00000-	1	57	3102	2433



5.88250+	1	-1.93000+	0	5.90070+	1	-7.00000-	1	5.91160+	1	-2.00000-	1	57	3102	2434
5.94420+	1	0.00000+	0	5.96240+	1	0.00000+	0	5.98050+	1	0.00000+	0	57	3102	2435
6.01680+	1	0.00000+	0	6.03490+	1	0.00000+	0	6.05300+	1	0.00000+	0	57	3102	2436
6.12560+	1	0.00000+	0	6.14370+	1	0.00000+	0	6.16180+	1	0.00000+	0	57	3102	2437
6.21810+	1	0.00000+	0	6.23620+	1	0.00000+	0	6.25430+	1	0.00000+	0	57	3102	2438
6.27260+	1	0.00000+	0	6.29070+	1	0.00000+	0	6.30880+	1	0.00000+	0	57	3102	2439
6.40320+	1	0.00000+	0	6.42130+	1	0.00000+	0	6.43940+	1	0.00000+	0	57	3102	2440
6.43220+	1	0.00000+	0	6.45030+	1	0.00000+	0	6.46840+	1	0.00000+	0	57	3102	2441
6.46490+	1	0.00000+	0	6.48290+	1	0.00000+	0	6.50100+	1	0.00000+	0	57	3102	2442
6.76240+	1	0.00000+	0	6.78050+	1	0.00000+	0	6.79860+	1	0.00000+	0	57	3102	2443
6.85310+	1	0.00000+	0	6.87120+	1	0.00000+	0	6.88930+	1	0.00000+	0	57	3102	2444
6.98000+	1	0.00000+	0	7.00000+	1	0.00000+	0	7.01810+	1	0.00000+	0	57	3102	2445
7.03630+	1	-7.10000-	1	7.05440+	1	-1.43000-	1	7.07250+	1	-2.32000-	0	57	3102	2446
7.09070+	1	-2.14000-	0	7.10880+	1	-8.90000-	1	7.12690+	1	0.00000+	0	57	3102	2447
7.15600+	1	0.00000+	0	7.17410+	1	0.00000+	0	7.19220+	1	1.40000-	1	57	3102	2448
7.19950+	1	3.60000-	1	7.21620+	1	5.40000-	1	7.23430+	1	5.70000-	1	57	3102	2449
7.21770+	1	7.10000-	1	7.23580+	1	8.90000-	1	7.25390+	1	0.00000+	0	57	3102	2450
7.26850+	1	-1.32000-	0	7.28700+	1	-1.40000-	0	7.30510+	1	-1.40000-	0	57	3102	2451
7.29020+	1	-3.60000-	1	7.30820+	1	-3.00000-	1	7.32630+	1	-2.10000-	1	57	3102	2452
7.32650+	1	0.00000+	0	7.34430+	1	0.00000+	0	7.36210+	1	0.00000+	0	57	3102	2453
7.39910+	1	0.00000+	0	7.41740+	1	4.30000-	1	7.43520+	1	3.60000-	1	57	3102	2454
7.47890+	1	7.00000-	2	7.49500+	1	0.00000+	0	7.51280+	1	0.00000+	0	57	3102	2455
7.50430+	1	0.00000+	0	7.52210+	1	0.00000+	0	7.53990+	1	-3.60000-	1	57	3102	2456
7.54420+	1	-7.10000-	1	7.56200+	1	-7.10000-	1	7.57980+	1	0.00000+	0	57	3102	2457
7.60230+	1	1.00000+	0	7.62010+	1	1.10000+	0	7.63790+	1	0.00000+	0	57	3102	2458
7.69660+	1	0.00000+	0	7.71440+	1	0.00000+	0	7.73220+	1	0.00000+	0	57	3102	2459
7.76190+	1	0.00000+	0	7.77970+	1	0.00000+	0	7.79750+	1	7.10000-	1	57	3102	2460
7.85440+	1	8.00000-	1	7.87220+	1	8.00000-	1	7.89000+	1	7.00000-	1	57	3102	2461
7.90880+	1	3.00000-	1	7.92660+	1	2.00000-	1	7.94440+	1	0.00000+	0	57	3102	2462
8.02490+	1	0.00000+	0	8.04270+	1	0.00000+	0	8.06050+	1	1.00000+	0	57	3102	2463
8.08660+	1	1.00000+	0	8.10440+	1	5.00000-	1	8.12220+	1	2.00000-	1	57	3102	2464
8.13380+	1	0.00000+	0	8.15160+	1	0.00000+	0	8.16940+	1	0.00000+	0	57	3102	2465
8.18100+	1	5.00000-	1	8.19880+	1	1.00000+	0	8.21660+	1	0.00000+	0	57	3102	2466
1.00000+	3	0.00000+	0	1.30000+	4	0.00000+	0	2.50000+	4	0.00000+	0	57	3102	2467
2.50000+	4	8.39000-	1	2.53000+	4	8.37120-	1	2.57000+	4	8.34650-	1	57	3102	2468
2.62000+	4	8.31620-	1	2.65000+	4	8.29830-	1	2.69000+	4	8.25730-	1	57	3102	2469
2.75000+	4	8.24000-	1	2.78000+	4	8.21690-	1	2.82000+	4	8.20280-	1	57	3102	2470
2.93000+	4	8.18900-	1	2.97000+	4	8.17540-	1	3.01000+	4	8.17000-	1	57	3102	2471
3.11000+	4	8.12950-	1	3.15000+	4	8.12230-	1	3.19000+	4	8.10450-	1	57	3102	2472
3.21000+	4	8.09390-	1	3.25000+	4	8.08000-	1	3.29000+	4	8.05640-	1	57	3102	2473
3.42000+	4	7.94930-	1	3.46000+	4	7.92690-	1	3.50000+	4	7.89000-	1	57	3102	2474
3.62000+	4	7.79230-	1	3.66000+	4	7.76840-	1	3.70000+	4	7.72890-	1	57	3102	2475
3.79000+	4	7.66210-	1	3.83000+	4	7.66700-	1	3.87000+	4	7.67990-	1	57	3102	2476
3.94000+	4	7.55980-	1	4.00000+	4	7.52000-	1	4.04000+	4	7.48880-	1	57	3102	2477
4.10000+	4	7.44260-	1	4.15000+	4	7.40460-	1	4.19000+	4	7.36710-	1	57	3102	2478
4.30000+	4	7.29110-	1	4.35000+	4	7.24510-	1	4.39000+	4	7.22980-	1	57	3102	2479
4.43000+	4	7.19210-	1	4.48000+	4	7.15480-	1	4.52000+	4	7.14000-	1	57	3102	2480
4.52000+	4	7.12440-	1	4.56000+	4	7.10890-	1	4.60000+	4	7.06280-	1	57	3102	2481
4.62000+	4	7.04750-	1	4.65000+	4	7.02480-	1	4.68000+	4	7.00220-	1	57	3102	2482
4.73000+	4	6.96480-	1	4.76000+	4	6.94840-	1	4.79000+	4	6.93860-	1	57	3102	2483
4.84000+	4	6.93540-	1	4.88000+	4	6.92890-	1	4.92000+	4	6.92580-	1	57	3102	2484
5.00000+	4	6.91000-	1	5.02000+	4	6.90610-	1	5.04000+	4	6.90020-	1	57	3102	2485
5.09000+	4	6.89540-	1	5.12000+	4	6.89060-	1	5.15000+	4	6.88580-	1	57	3102	2486
5.22000+	4	6.87470-	1	5.25000+	4	6.87000-	1	5.28000+	4	6.863760-	1	57	3102	2487
5.39000+	4	6.82470-	1	5.42000+	4	6.81520-	1	5.45000+	4	6.80260-	1	57	3102	2488
5.50000+	4	6.79000-	1	5.53000+	4	6.77900-	1	5.57000+	4	6.76440-	1	57	3102	2489
5.61000+	4	6.74990-	1	5.67000+	4	6.72840-	1	5.71000+	4	6.71410-	1	57	3102	2490
5.76000+	4	6.69270-	1	5.79000+	4	6.67070-	1	5.83000+	4	6.64160-	1	57	3102	2491
5.87000+	4	6.61260-	1	5.91000+	4	6.58390-	1	5.92000+	4	6.57680-	1	57	3102	2492
5.98000+	4	6.53410-	1	6.00000+	4	6.52000-	1	6.03000+	4	6.49560-	1	57	3102	2493
6.12000+	4	6.42300-	1	6.15000+	4	6.39900-	1	6.18000+	4	6.35940-	1	57	3102	2494
6.25000+	4	6.32000-	1	6.29000+	4	6.30860-	1	6.32000+	4	6.30010-	1	57	3102	2495
6.42000+	4	6.27210-	1	6.47000+	4	6.25830-	1	6.50000+	4	6.25000-	1	57	3102	2496
6.51000+	4	6.24800-	1	6.61000+	4	6.22780-	1	6.65000+	4	6.21980-	1	57	3102	2497
6.70000+	4	6.20980-	1	6.74000+	4	6.20200-	1	6.80000+	4	6.17560-	1	57	3102	2498
6.83000+	4	6.16110-	1	6.89000+	4	6.13230-	1	6.94000+	4	6.10840-	1	57	3102	2499
7.00000+	4	6.08000-	1	7.03000+	4	6.06290-	1	7.09000+	4	6.02900-	1	57	3102	2500
7.20000+	4	5.96760-	1	7.25000+	4	5.94200-	1	7.31000+	4	5.90600-	1	57	3102	2501
7.37000+	4	5.87220-	1	7.41000+	4	5.84990-	1	7.48000+	4	5.81100-	1	57	3102	2502
7.50000+	4	5.80000-	1	7.53000+	4	5.78300-	1	7.58000+	4	5.75470-	1	57	3102	2503

7.65000+	4	5.71550-	1	7.70000+	4	5.68760-	1	7.76000+	4	5.45840-	1	57	3102	2504	
7.84000+	4	5.64550-	1	7.89000+	4	5.63740-	1	7.94000+	4	5.62950-	1	57	3102	2505	
8.00000+	4	5.62000-	1	8.07000+	4	5.60870-	1	8.20000+	4	5.58790-	1	57	3102	2506	
8.27000+	4	5.56620-	1	8.33000+	4	5.52500-	1	8.40000+	4	5.47740-	1	57	3102	2507	
8.47000+	4	5.43010-	1	8.50000+	4	5.41000-	1	8.53000+	4	5.38930-	1	57	3102	2508	
8.61000+	4	5.33460-	1	8.68000+	4	5.28710-	1	8.75000+	4	5.24000-	1	57	3102	2509	
8.83000+	4	5.20770-	1	8.90000+	4	5.17970-	1	9.00000+	4	5.14000-	1	57	3102	2510	
9.03000+	4	5.13030-	1	9.12000+	4	5.10130-	1	9.28000+	4	5.05880-	1	57	3102	2511	
9.36000+	4	5.05560-	1	9.44000+	4	5.05240-	1	9.50000+	4	5.05000-	1	57	3102	2512	
9.52000+	4	5.04920-	1	9.60000+	4	5.04600-	1	9.68000+	4	5.04280-	1	57	3102	2513	
9.77000+	4	5.02630-	1	9.85000+	4	4.97190-	1	9.93000+	4	4.91790-	1	57	3102	2514	
9.99000+	4	4.87770-	1	1.00000+	5	4.87100-	1	1.03000+	5	4.79460-	1	57	3102	2515	
1.20000+	5	4.40000-	1	1.35000+	5	4.07270-	1	1.40000+	5	3.97170-	1	57	3102	2516	
1.50000+	5	3.78000-	1	1.60000+	5	3.61000-	1	1.73000+	5	3.36730-	1	57	3102	2517	
1.80000+	5	3.24400-	1	2.00000+	5	2.94000-	1	2.07000+	5	2.85980-	1	57	3102	2518	
2.15000+	5	2.77150-	1	2.20000+	5	2.71790-	1	2.25000+	5	2.66550-	1	57	3102	2519	
2.35000+	5	2.56420-	1	2.40000+	5	2.51510-	1	2.50000+	5	2.42000-	1	57	3102	2520	
2.60000+	5	2.35870-	1	2.70000+	5	2.29980-	1	2.80000+	5	2.24300-	1	57	3102	2521	
3.00000+	5	2.12500-	1	3.20000+	5	2.01990-	1	3.25000+	5	1.99470-	1	57	3102	2522	
3.40000+	5	1.92120-	1	3.50000+	5	1.87400-	1	3.60000+	5	1.84590-	1	57	3102	2523	
3.80000+	5	1.79200-	1	4.00000+	5	1.74200-	1	4.20000+	5	1.69480-	1	57	3102	2524	
4.40000+	5	1.64980-	1	4.50000+	5	1.62800-	1	4.60000+	5	1.60820-	1	57	3102	2525	
4.70000+	5	1.58880-	1	4.80000+	5	1.56980-	1	5.00000+	5	1.53300-	1	57	3102	2526	
5.20000+	5	1.50210-	1	5.40000+	5	1.47240-	1	5.50000+	5	1.45800-	1	57	3102	2527	
5.60000+	5	1.44700-	1	5.70000+	5	1.43620-	1	5.80000+	5	1.42560-	1	57	3102	2528	
6.00000+	5	1.40500-	1	6.20000+	5	1.37920-	1	6.40000+	5	1.35420-	1	57	3102	2529	
6.50000+	5	1.34200-	1	6.60000+	5	1.32990-	1	6.70000+	5	1.31800-	1	57	3102	2530	
6.80000+	5	1.30620-	1	7.00000+	5	1.28300-	1	7.20000+	5	1.25550-	1	57	3102	2531	
7.30000+	5	1.24200-	1	7.40000+	5	1.23140-	1	7.50000+	5	1.22100-	1	57	3102	2532	
7.60000+	5	1.21290-	1	7.70000+	5	1.20500-	1	7.75000+	5	1.20040-	1	57	3102	2533	
7.80000+	5	1.19590-	1	8.00000+	5	1.17800-	1	8.20000+	5	1.16330-	1	57	3102	2534	
8.40000+	5	1.14900-	1	8.50000+	5	1.14200-	1	8.60000+	5	1.13870-	1	57	3102	2535	
8.80000+	5	1.13230-	1	9.00000+	5	1.12600-	1	9.20000+	5	1.11750-	1	57	3102	2536	
9.40000+	5	1.10910-	1	9.50000+	5	1.10500-	1	9.60000+	5	1.09900-	1	57	3102	2537	
9.70000+	5	1.09300-	1	9.80000+	5	1.08440-	1	1.00000+	6	1.06760-	1	57	3102	2538	
1.05000+	6	1.01430-	1	1.10000+	6	0.983500-	2	1.15000+	6	0.914710-	2	57	3102	2539	
1.20000+	6	0.968000-	2	1.25000+	6	0.829750-	2	1.29500+	6	0.796610-	2	57	3102	2540	
1.30000+	6	0.930000-	2	1.35000+	6	0.760610-	2	1.40000+	6	0.729400-	2	57	3102	2541	
1.45000+	6	0.895270-	2	1.49500+	6	0.665550-	2	1.50000+	6	0.662300-	2	57	3102	2542	
1.60000+	6	0.822200-	2	1.70000+	6	0.585100-	2	1.80000+	6	0.556200-	2	57	3102	2543	
1.90000+	6	0.752100-	2	2.00000+	6	0.495600-	2	2.10000+	6	0.474050-	2	57	3102	2544	
2.20000+	6	0.653500-	2	2.30000+	6	0.430830-	2	2.40000+	6	0.409120-	2	57	3102	2545	
2.50000+	6	0.588300-	2	2.60000+	6	0.372210-	2	2.70000+	6	0.356720-	2	57	3102	2546	
2.80000+	6	0.541800-	2	2.90000+	6	0.325220-	2	3.00000+	6	0.308800-	2	57	3102	2547	
3.10000+	6	0.497970-	2	3.20000+	6	0.287490-	2	3.30000+	6	0.277330-	2	57	3102	2548	
3.40000+	6	0.467470-	2	3.50000+	6	0.257900-	2	3.60000+	6	0.249900-	2	57	3102	2549	
3.70000+	6	0.421130-	2	3.80000+	6	0.234560-	2	3.90000+	6	0.227190-	2	57	3102	2550	
4.00000+	6	0.380000-	2	4.10000+	6	0.213850-	2	4.20000+	6	0.207850-	2	57	3102	2551	
4.30000+	6	0.341990-	2	4.40000+	6	0.196270-	2	4.50000+	6	0.190670-	2	57	3102	2552	
4.60000+	6	0.305200-	2	4.70000+	6	0.180970-	2	4.80000+	6	0.176830-	2	57	3102	2553	
4.90000+	6	0.272770-	2	5.00000+	6	0.168800-	2	5.10000+	6	0.164480-	2	57	3102	2554	
5.20000+	6	0.240240-	2	5.25000+	6	0.158150-	2	5.30000+	6	0.156080-	2	57	3102	2555	
5.40000+	6	0.215200-	2	5.50000+	6	0.148000-	2	5.60000+	6	0.144960-	2	57	3102	2556	
5.70000+	6	0.191970-	2	5.80000+	6	0.139030-	2	5.90000+	6	0.136140-	2	57	3102	2557	
6.00000+	6	0.173300-	2	6.10000+	6	0.131010-	2	6.20000+	6	0.128750-	2	57	3102	2558	
6.30000+	6	0.162530-	2	6.40000+	6	0.124350-	2	6.50000+	6	0.122200-	2	57	3102	2559	
6.60000+	6	0.151950-	2	6.70000+	6	0.115740-	2	6.80000+	6	0.112580-	2	57	3102	2560	
6.90000+	6	0.149470-	2	7.00000+	6	0.106400-	2	7.10000+	6	0.104200-	2	57	3102	2561	
7.20000+	6	0.132030-	2	7.30000+	6	0.998920-	3	7.40000+	6	0.977820-	3	57	3102	2562	
7.50000+	6	0.957000-	3	7.60000+	6	0.927040-	3	7.65000+	6	0.912200-	3	57	3102	2563	
7.70000+	6	0.917460-	3	7.80000+	6	0.868270-	3	7.90000+	6	0.839460-	3	57	3102	2564	
8.00000+	6	0.871100-	3	8.20000+	6	0.765930-	3	8.40000+	6	0.721950-	3	57	3102	2565	
8.50000+	6	0.803350-	3	8.60000+	6	0.679000-	3	8.80000+	6	0.631470-	3	57	3102	2566	
9.00000+	6	0.758500-	3	9.20000+	6	0.549580-	3	9.40000+	6	0.514930-	3	57	3102	2567	
9.50000+	6	0.719870-	3	9.60000+	6	0.481000-	3	9.80000+	6	0.446650-	3	57	3102	2568	
1.00000+	7	0.671300-	3	1.05000+	7	0.436590-	3	1.10000+	7	0.402100-	3	57	3102	2569	
1.15000+	7	0.629840-	3	1.19000+	7	0.365870-	3	1.20000+	7	0.360000-	3	57	3102	2570	
1.25000+	7	0.580400-	3	1.30000+	7	0.300000-	3	1.35000+	7	0.255690-	3	57	3102	2571	
1.40000+	7	0.530000-	3	1.45000+	7	0.266600-	3	1.50000+	7	0.230000-	3	57	3102	2572	
												57	3	0	2573
9.22350+	4	2.33025+	2									57	3251	2574	
0.00000+	0	0.00000+	0									57	3251	2575	

1.00000-	5	2.86136-	3	1.00000+	4	2.86136-	3	5.00000+	4	3.73673-	2	57	3251	2576	
1.00000+	5	7.90031-	2	2.07000+	5	1.92935-	1	3.00000+	5	3.26899-	1	57	3251	2578	
3.50000+	5	2.81555-	1	4.00000+	5	3.11422-	1	4.50000+	5	3.25764-	1	57	3251	2579	
4.70000+	5	3.40031-	1	5.00000+	5	3.36768-	1	5.50000+	5	3.59244-	1	57	3251	2580	
5.70000+	5	3.81448-	1	6.00000+	5	3.81592-	1	6.50000+	5	4.22821-	1	57	3251	2581	
7.00000+	5	3.72169-	1	7.50000+	5	4.00055-	1	7.75000+	5	4.53116-	1	57	3251	2582	
8.00000+	5	3.88312-	1	8.50000+	5	3.96824-	1	9.00000+	5	4.34790-	1	57	3251	2583	
9.50000+	5	4.48735-	1	1.00000+	6	4.18838-	1	1.05000+	6	4.43341-	1	57	3251	2584	
1.10000+	6	4.37309-	1	1.15000+	6	4.19036-	1	1.20000+	6	4.32303-	1	57	3251	2585	
1.25000+	6	4.22851-	1	1.29500+	6	4.32836-	1	1.35000+	6	4.00580-	1	57	3251	2586	
1.40000+	6	4.32827-	1	1.45000+	6	4.28665-	1	1.49500+	6	4.50883-	1	57	3251	2587	
2.00000+	6	5.53344-	1	2.50000+	6	6.57195-	1	3.10000+	6	7.64916-	1	57	3251	2588	
7.00000+	6	7.86755-	1	1.50000+	7	8.86893-	1					57	3251	2589	
												57	3	0	2590
9.22350+	4	2.33025+	2		0		0		0			57	3252	2591	
0.00000+	0	0.00000+	0		0		0		1		38	57	3252	2592	
												57	3252	2593	
1.00000-	5	8.55828-	3	1.00000+	4	8.55828-	3	5.00000+	4	8.26214-	3	57	3252	2594	
1.00000+	5	7.90478-	3	2.07000+	5	6.92696-	3	3.00000+	5	5.77724-	3	57	3252	2595	
3.50000+	5	6.16638-	3	4.00000+	5	5.91003-	3	4.50000+	5	5.78700-	3	57	3252	2596	
4.70000+	5	5.66454-	3	5.00000+	5	5.69255-	3	5.50000+	5	5.49971-	3	57	3252	2597	
5.70000+	5	5.30906-	3	6.00000+	5	5.30787-	3	6.50000+	5	4.95403-	3	57	3252	2598	
7.00000+	5	5.38879-	3	7.50000+	5	5.14953-	3	7.75000+	5	4.69408-	3	57	3252	2599	
8.00000+	5	5.25029-	3	8.50000+	5	5.17730-	3	9.00000+	5	4.85146-	3	57	3252	2600	
9.50000+	5	4.73173-	3	1.00000+	6	4.98853-	3	1.05000+	6	4.77825-	3	57	3252	2601	
1.10000+	6	4.82996-	3	1.15000+	6	4.98673-	3	1.20000+	6	4.87294-	3	57	3252	2602	
1.25000+	6	4.95406-	3	1.29500+	6	4.86844-	3	1.35000+	6	5.14520-	3	57	3252	2603	
1.40000+	6	4.86845-	3	1.45000+	6	4.90425-	3	1.49500+	6	4.71376-	3	57	3252	2604	
2.00000+	6	3.83510-	3	2.50000+	6	2.94366-	3	3.10000+	6	2.02148-	3	57	3252	2605	
7.00000+	6	1.83377-	3	1.50000+	7	1.00627-	3					57	3252	2606	
												57	3	0	2607
9.22350+	4	2.33025+	2		0		0		0			57	3253	2608	
0.00000+	0	0.00000+	0		0		0		1		38	57	3253	2609	
												57	3253	2610	
1.00000-	5	5.71369-	3	1.00000+	4	5.71369-	3	5.00000+	4	5.65347-	3	57	3253	2611	
1.00000+	5	5.53681-	3	2.07000+	5	5.19117-	3	3.00000+	5	4.72527-	3	57	3253	2612	
3.50000+	5	5.20793-	3	4.00000+	5	4.85354-	3	4.50000+	5	4.87746-	3	57	3253	2613	
4.70000+	5	4.75860-	3	5.00000+	5	4.91436-	3	5.50000+	5	4.84180-	3	57	3253	2614	
5.70000+	5	4.59538-	3	6.00000+	5	4.70864-	3	6.50000+	5	4.49531-	3	57	3253	2615	
7.00000+	5	4.90922-	3	7.50000+	5	4.82207-	3	7.75000+	5	4.60103-	3	57	3253	2616	
8.00000+	5	4.84815-	3	8.50000+	5	4.81468-	3	9.00000+	5	4.73249-	3	57	3253	2617	
9.50000+	5	4.77704-	3	1.00000+	6	5.08573-	3	1.05000+	6	4.96924-	3	57	3253	2618	
1.10000+	6	4.85695-	3	1.15000+	6	4.87177-	3	1.20000+	6	4.92725-	3	57	3253	2619	
1.25000+	6	4.92046-	3	1.29500+	6	4.92456-	3	1.35000+	6	4.95698-	3	57	3253	2620	
1.40000+	6	4.85458-	3	1.45000+	6	4.93394-	3	1.49500+	6	4.97647-	3	57	3253	2621	
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7.00000+	6	3.88565-	3	1.50000+	7	2.83870-	3					57	3253	2623	
												57	3	0	2624
												57	0	0	2625
9.22350+	4	2.33025+	2		1		1		0			57	4	2	2626
0.00000+	0	2.33025+	2		0		2		441		20	57	4	2	2627
1.00000+	0	2.86092-	3	3.67721-	6	-9.43608-	11	5.00000+	0	0.00000+	0	57	4	2	2628
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	5.00000+	0	0.00000+	0	57	4	2	2629
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	5.00000+	0	0.00000+	0	57	4	2	2630
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	9.99989-	1	5.14963-	3	57	4	2	2631
1.25972-	5	1.47746-	8	0.00000+	0	0.00000+	0	5.00000+	0	0.00000+	0	57	4	2	2632
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	5.00000+	0	0.00000+	0	57	4	2	2633
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	5.00000+	0	0.00000+	0	57	4	2	2634
0.00000+	0	2.86088-	3	9.99971-	1	7.35655-	3	2.62432-	5	5.43588-	8	57	4	2	2635
-1.63336-	8	1.46884-	10	0.00000+	0	0.00000+	0	5.00000+	0	0.00000+	0	57	4	2	2636
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	5.00000+	0	0.00000+	0	57	4	2	2637
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	1.10494-	5	-5.14951-	3	57	4	2	2638
9.99943-	1	9.53614-	3	4.45541-	5	1.28537-	7	7.71550-	8	-2.66552-	10	57	4	2	2639
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	5.00000+	0	0.00000+	0	57	4	2	2640
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	5.00000+	0	0.00000+	0	57	4	2	2641
0.00000+	0	-4.51593-	8	2.52555-	5	-7.35631-	3	9.99907-	1	1.17032-	2	57	4	2	2642
6.74684-	5	2.46550-	7	-9.18455-	8	3.71179-	10	5.00000+	0	0.00000+	0	57	4	2	2643
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	5.00000+	0	0.00000+	0	57	4	2	2644
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	1.88412-	10	-1.20423-	7	57	4	2	2645
4.38457-	5	-9.53574-	3	9.99861-	1	1.38635-	2	4.50114-	5	4.20153-	7	57	4	2	2646

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0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2648
0.00000+	0	-7.93849-13	5.63763-17	-2.39475-	7	6.69631-	5-1.17026-	2	57	4	2	2649			
9.99805-	1	1.60196-	2	1.27135-	4	6.55126-	7-1.64350-	7-3.31343-	9	57	4	2	2650		
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2651		
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2652		
1.24507-	9-4.12627-	7	9.46477-	5-1.38627-	2	9.99741-	1	1.81729-	2	57	4	2	2653		
1.63929-	4	9.64782-	7-1.39007-	7-2.30450-	9	0.00000+	0	0.00000+	0	57	4	2	2654		
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-1.62099-	7-3.20578-	9	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2658	
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2659		
3.08601-14	-1.28734-11	4.06028-	9-9.61141-	7	1.63772-	4-1.81715-	2	57	4	2	2660				
9.99584-	1	2.24740-	2	2.51353-	4	1.84939-	6-1.71292-	7-4.11095-	9	57	4	2	2661		
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2662		
0.00000+	0	0.00000+	0	9.73704-20	-9.18673-17	6.78452-14	-2.38435-11	57	4	2	2663				
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3.01956-	4	2.44129-	6-1.77848-	7-6.15732-	9	0.00000+	0	0.00000+	0	57	4	2	2665		
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3.06158-	9-2.02548-16	1.33993-13	-4.09905-11	4.90876-	9-1.84528-	6	57	4	2	2667					
2.51266-	4-2.24718-	2	9.99391-	1	2.67701-	2	3.57161-	4	3.14570-	6	57	4	2	2668	
-1.10771-	7-2.67829-	9	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2669	
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2670		
2.44738-	13-6.65568-11	1.44606-	8-2.43791-	6	3.01905-	4-2.46200-	2	57	4	2	2671				
9.99281-	1	2.89167-	2	4.17043-	4	3.97917-	6-1.13041-	7-8.65520-	9	57	4	2	2672		
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2673		
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4.81446-	4	4.93607-	6	2.51845-	8-1.46454-	9	0.00000+	0	0.00000+	0	57	4	2	2676	
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2677		
3.70754-18	-2.39212-15	6.89312-13	-1.54348-10	2.79849-	8-3.97363-	6	57	4	2	2678					
4.16968-	4-2.89131-	2	9.99032-	1	3.32076-	2	3.50595-	4	6.04947-	6	57	4	2	2679	
-2.18919-	8-3.73660-	9-6.69394-10	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2680	
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1.08489-	12-2.23626-10	3.74868-	8-4.93644-	6	4.81391-	4-3.10584-	2	57	4	2	2682				
9.98894-	1	3.53519-	2	6.24137-	4	7.30598-	6-2.82402-	9-5.65379-	9	57	4	2	2683		
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2684		
0.00000+	0	-2.40276-20	1.18255-17	-7.05278-15	1.65099-12	-3.15518-10	57	4	2	2685					
4.92034-	8-6.04237-	6	5.50408-	4-3.32028-	2	2.98747-	1	3.74955-	2	57	4	2	2686		
7.02335-	4	8.72581-	6	5.98924-	8	0.00000+	0	0.00000+	0	57	4	2	2687		
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	-4.14653-20	57	4	2	2688			
1.94174-17	-1.13112-14	2.44124-12	-4.35107-10	6.34525-	8-7.30127-	6	57	4	2	2689					
6.24016-	4-3.53465-	2	9.98590-	1	3.96384-	2	1.85182-	4	1.03232-	5	57	4	2	2690	
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2691		
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3.52090-12	-5.88180-10	8.05727-	8-8.72297-	6	1.02215-	4-3.74894-	2	57	4	2	2693				
9.98425-	1	4.17806-	2	8.72579-	4	0.00000+	0	0.00000+	0	57	4	2	2694		
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2695		
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1.00924-	7-1.03173-	5	7.85004-	4-3.96316-	2	2.98250-	1	4.39221-	2	57	4	2	2697		
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2698		
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	-1.63675-19	57	4	2	2699			
6.98911-17	-3.88790-14	6.87720-12	-1.02171-	9	1.24887-	7-1.20942-	5	57	4	2	2700				
8.72380-	4-4.17731-	2	9.98066-	1	57	4	2	2701							
0.00000+	0	0.00000+	0	0	0	1	38	57	4	2	2702				
0.00000+	0	1.00000-	5	0	0	9	0	57	4	2	2703				
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2704		
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0.00000+	0	0.00000+	0	0.00000+	0	0	0	57	4	2	2706				
0.00000+	0	1.00000+	4	0	0	9	0	57	4	2	2707				
0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	57	4	2	2708		
0.00000+	0	0.00000+	0	0.00000+	0	0	0	57	4	2	2709				
0.00000+	0	5.00000+	4	0	0	9	0	57	4	2	2710				
3.45463-	2	1.41376-	2-4.89222-	3	5.21115-	3-3.98587-	4-2.54581-	4	57	4	2	2711			
2.00060-	4-1.15404-	4	1.72304-	4	57	4	2	2712							
0.00000+	0	1.00000+	5	0	0	9	0	57	4	2	2713				
7.61954-	2	1.90280-	2	7.58588-	4-5.67662-	4	2.33595-	4	2.45645-	4	57	4	2	2714	
-9.14024-	5-1.15372-	4-1.46715-	5	57	4	2	2715								
0.00000+	0	2.07000+	5	0	0	9	0	57	4	2	2716				
1.90193-	1	4.22135-	2-3.96458-	3	2.49946-	3-1.00324-	3-2.46498-	5	57	4	2	2717			
5.09447-	4-3.22708-	4	3.54128-	5	57	4	2	2718							

0.00000+	0	3.00000+	5	n	n	9	0	57	4	2	2718				
3.24290-	1	9.08160-	2	1.53375-	2	1.11803-	2	4.38686-	3	-5.29180-	4	57	4	2	2719
2.60174-	5	8.84191-	5	5.75832-	6	n	n	n	n	n	n	57	4	2	2720
0.00000+	0	3.50000+	5	n	n	n	9	n	n	n	0	57	4	2	2721
2.78978-	1	1.01001-	1	3.50701-	2	4.55946-	3	-4.68728-	3	-2.68220-	3	57	4	2	2722
1.54395-	3	-3.15965-	4	-1.00448-	5	n	n	n	n	n	n	57	4	2	2723
0.00000+	0	4.00000+	5	n	n	n	9	n	n	n	0	57	4	2	2724
3.08847-	1	1.00906-	1	1.48973-	2	-9.07750-	3	-6.70775-	3	1.25086-	3	57	4	2	2725
6.46627-	5	-4.37997-	4	5.05789-	4	n	n	n	n	n	n	57	4	2	2726
0.00000+	0	4.50000+	5	n	n	n	9	n	n	n	0	57	4	2	2727
3.23252-	1	1.25275-	1	3.78155-	2	9.95484-	3	-8.74056-	4	-8.88078-	4	57	4	2	2728
4.13486-	4	-3.38320-	5	8.14289-	5	n	n	n	n	n	n	57	4	2	2729
0.00000+	0	4.70000+	5	n	n	n	9	n	n	n	0	57	4	2	2730
3.37494-	1	1.16204-	1	2.72127-	2	7.72741-	3	3.79737-	4	-5.83046-	4	57	4	2	2731
2.45091-	4	-1.30359-	5	7.53133-	5	n	n	n	n	n	n	57	4	2	2732
0.00000+	0	5.00000+	5	n	n	n	9	n	n	n	0	57	4	2	2733
3.34321-	1	1.48061-	1	4.49038-	2	6.26879-	3	-3.08373-	3	-9.45138-	4	57	4	2	2734
5.03215-	4	-2.45338-	5	5.83966-	5	n	n	n	n	n	n	57	4	2	2735
0.00000+	0	5.50000+	5	n	n	n	9	n	n	n	0	57	4	2	2736
3.56827-	1	1.60571-	1	5.71778-	2	1.92021-	2	9.19751-	3	1.32633-	3	57	4	2	2737
-7.06018-	4	7.94063-	5	4.10469-	4	n	n	n	n	n	n	57	4	2	2738
0.00000+	0	5.70000+	5	n	n	n	9	n	n	n	0	57	4	2	2739
3.78969-	1	1.36038-	1	2.18667-	2	-2.57259-	3	1.92470-	4	1.76305-	3	57	4	2	2740
-5.46111-	4	-1.23431-	4	4.12725-	4	n	n	n	n	n	n	57	4	2	2741
0.00000+	0	6.00000+	5	n	n	n	9	n	n	n	0	57	4	2	2742
3.79179-	1	1.60847-	1	4.75280-	2	1.26422-	2	4.84058-	3	4.35786-	5	57	4	2	2743
-1.40310-	4	1.10445-	4	1.50040-	4	n	n	n	n	n	n	57	4	2	2744
0.00000+	0	6.50000+	5	n	n	n	9	n	n	n	0	57	4	2	2745
4.20443-	1	1.73443-	1	5.10157-	2	1.29274-	2	1.63751-	3	-2.19692-	4	57	4	2	2746
3.37553-	5	5.84845-	5	1.64814-	4	n	n	n	n	n	n	57	4	2	2747
0.00000+	0	7.00000+	5	n	n	n	9	n	n	n	0	57	4	2	2748
3.69841-	1	1.92349-	1	8.59634-	2	2.54658-	2	-4.02899-	4	-1.03040-	3	57	4	2	2749
4.46471-	4	-1.84445-	5	2.50438-	4	n	n	n	n	n	n	57	4	2	2750
0.00000+	0	7.50000+	5	n	n	n	9	n	n	n	0	57	4	2	2751
3.97769-	1	2.09825-	1	1.05081-	1	3.97872-	2	1.34262-	3	1.09708-	3	57	4	2	2752
-5.85362-	4	-1.66722-	5	6.80032-	4	n	n	n	n	n	n	57	4	2	2753
0.00000+	0	7.75000+	5	n	n	n	9	n	n	n	0	57	4	2	2754
4.50913-	1	2.36963-	1	8.79392-	2	1.87719-	2	4.83208-	3	1.61216-	3	57	4	2	2755
-6.55481-	4	2.69932-	5	5.58702-	4	n	n	n	n	n	n	57	4	2	2756
0.00000+	0	8.00000+	5	n	n	n	9	n	n	n	0	57	4	2	2757
3.86000-	1	2.00040-	1	1.07249-	1	4.11048-	2	2.41910-	3	-1.25869-	3	57	4	2	2758
4.87663-	4	-7.72329-	5	4.05549-	4	n	n	n	n	n	n	57	4	2	2759
0.00000+	0	8.50000+	5	n	n	n	9	n	n	n	0	57	4	2	2760
3.94518-	1	2.04052-	1	1.09070-	1	4.92385-	2	1.34170-	2	2.10312-	3	57	4	2	2761
-1.20776-	3	6.18284-	5	8.31156-	4	n	n	n	n	n	n	57	4	2	2762
0.00000+	0	9.00000+	5	n	n	n	9	n	n	n	0	57	4	2	2763
4.32578-	1	2.37751-	1	1.34152-	1	5.15560-	2	8.03460-	3	2.08049-	3	57	4	2	2764
-8.29790-	4	-2.27734-	4	1.10874-	3	n	n	n	n	n	n	57	4	2	2765
0.00000+	0	9.50000+	5	n	n	n	9	n	n	n	0	57	4	2	2766
4.46607-	1	2.44977-	1	1.22226-	1	3.31196-	2	4.53548-	3	8.12435-	4	57	4	2	2767
-3.20350-	4	-9.59325-	6	6.32208-	4	n	n	n	n	n	n	57	4	2	2768
0.00000+	0	1.00000+	6	n	n	n	9	n	n	n	0	57	4	2	2769
4.16755-	1	2.88368-	1	1.84403-	1	8.72082-	2	4.75110-	2	4.52811-	3	57	4	2	2770
-2.72645-	3	3.30061-	4	1.36962-	3	n	n	n	n	n	n	57	4	2	2771
0.00000+	0	1.05000+	6	n	n	n	9	n	n	n	0	57	4	2	2772
4.41276-	1	2.95561-	1	1.91881-	1	9.82002-	2	3.02872-	2	2.45372-	3	57	4	2	2773
-2.20543-	3	5.81421-	4	9.84641-	4	n	n	n	n	n	n	57	4	2	2774
0.00000+	0	1.10000+	6	n	n	n	9	n	n	n	0	57	4	2	2775
4.35165-	1	2.65842-	1	1.81954-	1	8.31117-	2	1.67715-	2	2.72754-	3	57	4	2	2776
-1.38186-	3	-1.74019-	4	1.45669-	3	n	n	n	n	n	n	57	4	2	2777
0.00000+	0	1.15000+	6	n	n	n	9	n	n	n	0	57	4	2	2778
4.16839-	1	2.45080-	1	1.67122-	1	7.48796-	2	4.71660-	3	-2.07436-	4	57	4	2	2779
-6.75760-	5	-1.71672-	4	9.60077-	4	n	n	n	n	n	n	57	4	2	2780
0.00000+	0	1.20000+	6	n	n	n	9	n	n	n	0	57	4	2	2781
4.30179-	1	2.73304-	1	1.83373-	1	8.56124-	2	4.14650-	2	3.72234-	3	57	4	2	2782
-2.01216-	3	-6.12140-	6	1.49193-	3	n	n	n	n	n	n	57	4	2	2783
0.00000+	0	1.25000+	6	n	n	n	9	n	n	n	0	57	4	2	2784
4.20688-	1	2.59980-	1	1.97871-	1	9.35682-	2	1.51488-	2	1.63747-	3	57	4	2	2785
-8.29056-	4	-3.19795-	4	1.50728-	3	n	n	n	n	n	n	57	4	2	2786
0.00000+	0	1.29500+	6	n	n	n	9	n	n	n	0	57	4	2	2787
4.30705-	1	2.73546-	1	2.03596-	1	1.09004-	1	3.02946-	2	3.54913-	3	57	4	2	2788
-2.35442-	3	1.82121-	4	1.52007-	3	n	n	n	n	n	n	57	4	2	2789

0.00000+	0	1.35000+	6	n	n	9	57	4	2	2790					
3.98358-	1	2.39171-	1	1.85083-	1	9.64841-	2	2.01074-	2	1.26862-	3	57	4	2	2791
-1.02350-	3	-6.37440-	5	1.25881-	3	n	n	9	57	4	2	2792			
0.00000+	0	1.40000+	6	n	n	9	57	4	2	2793					
4.30662-	1	2.59630-	1	1.96530-	1	1.04192-	1	2.08869-	2	-6.75852-	4	57	4	2	2794
-4.56102-	4	1.44862-	4	9.11551-	4	n	n	9	57	4	2	2795			
0.00000+	0	1.45000+	6	n	n	9	57	4	2	2796					
4.26523-	1	2.70130-	1	2.08551-	1	1.16101-	1	2.10470-	2	2.08351-	3	57	4	2	2797
-1.90302-	3	2.87671-	4	1.29242-	3	n	n	9	57	4	2	2798			
0.00000+	0	1.49500+	6	n	n	9	57	4	2	2799					
4.48826-	1	3.06650-	1	2.38702-	1	1.53640-	1	9.37323-	2	9.13384-	3	57	4	2	2800
-6.01040-	3	9.57001-	4	2.09428-	3	n	n	9	57	4	2	2801			
0.00000+	0	2.00000+	6	n	n	9	57	4	2	2802					
5.51410-	1	3.78700-	1	3.20024-	1	2.23108-	1	2.79963-	2	4.55151-	2	57	4	2	2803
2.16684-	2	9.64978-	3	4.79311-	3	n	n	9	57	4	2	2804			
0.00000+	0	2.50000+	6	n	n	9	57	4	2	2805					
6.55613-	1	4.93352-	1	3.51640-	1	2.63128-	1	1.38256-	1	4.50684-	2	57	4	2	2806
3.95270-	3	-5.35058-	3	-3.64636-	3	n	n	9	57	4	2	2807			
0.00000+	0	4.10000+	6	n	n	9	57	4	2	2808					
7.63418-	1	6.20854-	1	4.92776-	1	3.95979-	1	2.67223-	1	1.54076-	1	57	4	2	2809
8.43991-	2	4.30327-	2	1.65042-	2	n	n	9	57	4	2	2810			
0.00000+	0	7.00000+	6	n	n	20	57	4	2	2811					
7.85369-	1	6.48133-	1	5.49672-	1	4.48463-	1	3.39480-	1	2.31379-	1	57	4	2	2812
1.48663-	1	9.49746-	2	5.69390-	2	2.71378-	2	9.95825-	3	-2.41052-	3	57	4	2	2813
-5.28045-	3	-6.68533-	3	-7.40794-	3	-6.81612-	3	-5.51271-	3	-4.32058-	3	57	4	2	2814
-3.26537-	3	-1.84302-	3	n	n	9	57	4	2	2815					
0.00000+	0	1.50000+	7	n	n	20	57	4	2	2816					
8.82215-	1	7.63772-	1	6.54435-	1	5.69849-	1	4.99340-	1	4.44670-	1	57	4	2	2817
3.92075-	1	3.47640-	1	3.00188-	1	2.56016-	1	2.00629-	1	1.36011-	1	57	4	2	2818
7.69032-	2	3.83782-	2	1.67299-	2	6.10909-	3	2.11053-	3	5.47474-	4	57	4	2	2819
1.73218-	4	4.66783-	5	n	n	9	57	4	2	2820					
9.22350+	4	2.33025+	2	n	2	0	57	4	16	2821					
0.00000+	0	2.33025+	2	n	1	0	57	4	16	2822					
0.00000+	0	0.00000+	0	0	0	1	57	4	16	2823					
0.00000+	0	5.25000+	6	n	0	1	57	4	16	2824					
0.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	16	2825				
-1.00000+	0	1.50000+	7	0	0	1	57	4	16	2826					
0.00000+	0	1.50000+	7	0	0	1	57	4	16	2827					
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	16	2828				
0.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	16	2829				
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	16	2830				
9.22350+	4	2.33025+	2	n	2	0	57	4	16	2831					
0.00000+	0	2.33025+	2	n	1	0	57	4	17	2832					
0.00000+	0	0.00000+	0	0	0	1	57	4	17	2833					
0.00000+	0	1.19000+	7	n	0	1	57	4	17	2834					
0.00000+	0	1.19000+	7	n	0	1	57	4	17	2835					
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	17	2836				
0.00000+	0	1.50000+	7	n	0	1	57	4	17	2837					
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	17	2838				
9.22350+	4	2.33025+	2	n	2	0	57	4	17	2839					
0.00000+	0	2.33025+	2	0	1	0	57	4	17	2840					
0.00000+	0	0.00000+	0	0	0	1	57	4	17	2841					
0.00000+	0	1.00000-	5	0	0	1	57	4	17	2842					
0.00000+	0	1.00000-	5	0	0	1	57	4	17	2843					
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	17	2844				
0.00000+	0	1.50000+	7	n	0	1	57	4	17	2845					
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	17	2846				
9.22350+	4	2.33025+	2	n	2	0	57	4	17	2847					
0.00000+	0	2.33025+	2	0	2	0	57	4	18	2848					
0.00000+	0	0.00000+	0	0	0	1	57	4	18	2849					
0.00000+	0	1.00000-	5	0	0	1	57	4	18	2850					
0.00000+	0	1.00000-	5	0	0	1	57	4	18	2851					
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	18	2852				
0.00000+	0	1.50000+	7	n	0	1	57	4	18	2853					
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	18	2854				
9.22350+	4	2.33025+	2	n	2	0	57	4	18	2855					
0.00000+	0	2.33025+	2	0	2	0	57	4	51	2856					
0.00000+	0	0.00000+	0	n	0	1	57	4	51	2857					
0.00000+	0	1.30000+	4	n	0	1	57	4	51	2858					
0.00000+	0	1.30000+	4	n	0	1	57	4	51	2859					
0.00000+	0	1.30000+	4	n	0	1	57	4	51	2860					



9.22350+	4	2.33025+	2	0	2	0	0	57	4	0	2932				
0.00000+	0	2.33025+	2	0	2	0	0	57	4	58	2933				
0.00000+	0	0.00000+	0	0	0	1	2	57	4	58	2934				
	2		2					57	4	58	2935				
0.00000+	0	2.70000+	5	0	0	1	2	57	4	58	2936				
	2		2					57	4	58	2937				
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	58	2938				
0.00000+	0	1.50000+	7	0	0	1	2	57	4	58	2939				
	2		2					57	4	58	2940				
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	58	2941				
								57	4	58	2942				
9.22350+	4	2.33025+	2	0	2	0	0	57	4	0	2943				
0.00000+	0	2.33025+	2	0	2	0	0	57	4	59	2944				
0.00000+	0	0.00000+	0	0	0	1	2	57	4	59	2945				
	2		2					57	4	59	2946				
0.00000+	0	4.00000+	5	0	0	1	2	57	4	59	2947				
	2		2					57	4	59	2948				
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	59	2949				
0.00000+	0	1.50000+	7	0	0	1	2	57	4	59	2950				
	2		2					57	4	59	2951				
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	59	2952				
								57	4	59	2953				
9.22350+	4	2.33025+	2	0	2	0	0	57	4	0	2954				
0.00000+	0	2.33025+	2	0	2	0	0	57	4	60	2955				
0.00000+	0	0.00000+	0	0	0	1	2	57	4	60	2956				
	2		2					57	4	60	2957				
0.00000+	0	6.00000+	5	0	0	1	2	57	4	60	2958				
	2		2					57	4	60	2959				
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	60	2960				
0.00000+	0	1.50000+	7	0	0	1	2	57	4	60	2961				
	2		2					57	4	60	2962				
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	60	2963				
								57	4	60	2964				
9.22350+	4	2.33025+	2	0	2	0	0	57	4	0	2965				
0.00000+	0	2.33025+	2	0	2	0	0	57	4	91	2966				
0.00000+	0	0.00000+	0	0	0	1	2	57	4	91	2967				
	2		2					57	4	91	2968				
0.00000+	0	9.50000+	5	0	0	1	2	57	4	91	2969				
	2		2					57	4	91	2970				
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	91	2971				
0.00000+	0	1.50000+	7	0	0	1	2	57	4	91	2972				
	2		2					57	4	91	2973				
-1.00000+	0	5.00000-	1	1.00000+	0	5.00000-	1	57	4	91	2974				
								57	4	91	2975				
9.22350+	4	2.33025+	2	0	2	0	0	57	4	0	2976				
5.25000+	6	0.00000+	0	0	9	1	2	57	5	16	2977				
	2		2					57	5	16	2978				
5.25000+	6	1.00000+	0	1.50000+	7	1.00000+	0	57	5	16	2979				
0.00000+	0	0.00000+	0	0	0	1	21	57	5	16	2980				
	21		21					57	5	16	2981				
5.25000+	6	1.00000+	4	5.50000+	6	1.04880+	5	0.00000+	6	1.82200+	5	57	5	16	2982
6.50000+	6	2.35360+	5	7.00000+	6	2.78560+	5	1.50000+	6	3.15900+	5	57	5	16	2983
8.00000+	6	3.49270+	5	8.50000+	6	3.79720+	5	9.00000+	6	4.07900+	5	57	5	16	2984
9.50000+	6	4.34260+	5	1.00000+	7	4.59110+	5	1.05000+	7	4.82680+	5	57	5	16	2985
1.10000+	7	5.05150+	5	1.15000+	7	5.26690+	5	1.20000+	7	5.47330+	5	57	5	16	2986
1.25000+	7	5.67250+	5	1.30000+	7	5.86490+	5	1.35000+	7	6.05120+	5	57	5	16	2987
1.40000+	7	6.23190+	5	1.45000+	7	6.40750+	5	1.50000+	7	6.57850+	5	57	5	16	2988
												57	5	0	2989
9.22350+	4	2.33025+	2	0	2	0	0	57	5	17	2990				
1.19000+	7	0.00000+	0	0	9	1	2	57	5	17	2991				
	2		2					57	5	17	2992				
1.19000+	7	1.00000+	0	1.50000+	7	1.00000+	0	57	5	17	2993				
0.00000+	0	0.00000+	0	0	0	1	8	57	5	17	2994				
	8		8					57	5	17	2995				
1.19000+	7	1.00000+	4	1.20000+	7	6.66310+	4	1.25000+	7	1.63500+	5	57	5	17	2996
1.30000+	7	2.21420+	5	1.35000+	7	2.67060+	5	1.40000+	7	3.05960+	5	57	5	17	2997
1.45000+	7	3.40450+	5	1.50000+	7	3.71750+	5					57	5	17	2998
												57	5	17	2999
9.22350+	4	2.33025+	2	0	2	0	0	57	5	18	3000				
-3.00000+	7	0.00000+	0	0	7	1	2	57	5	0	3001				
								57	5	18	3002				



1.00000-	5	1.00000+	0	1.50000+	7	1.00000+	0			57	5	18	3004
0.00000+	0	0.00000+	0		0		0			57	5	18	3005
	3		2						1	3			57 5 18 3006
1.00000-	5	1.30000+	6	3.00000+	5	1.32000+	6	1.50000+	7	1.65000+	6		57 5 18 3007
													57 5 18 3008
													57 5 0 3009
9.22350+	4	2.33025+	2						1		0		57 5 91 3010
8.40000+	4	0.00000+	0						1		2		57 5 91 3011
	2		2										57 5 91 3012
9.50000+	5	1.00000+	0	1.50000+	7	1.00000+	0						57 5 91 3013
0.00000+	0	0.00000+	0		0		0		1		2		57 5 91 3014
	2		5										57 5 91 3015
9.50000+	5	2.04900+	5	1.50000+	7	8.14310+	5						57 5 91 3016
													57 5 0 3017
													57 0 0 3018
9.2235	+04	2.33025	+02		1				30				5712 4 3019
									1	27			5712 4 3020
	27		2										5712 4 3021
1.0	-05	0.		1.3055	+04	0.		1.3055	+04	1.0			5712 4 3022
5.218	+04	1.0		8.2344	+04	1.1921		1.03433	+05	1.2819			5712 4 3023
1.5063	+05	1.4247		1.71718	+05	1.4378		1.97827	+05	1.4635			5712 4 3024
2.25945	+05	1.4912		2.96239	+05	1.5701		3.344	+05	1.6493			5712 4 3025
3.68541	+05	1.7381		3.95655	+05	1.7979		3.15739	+05	1.7914			5712 4 3026
4.28793	+05	1.8768		4.75991	+05	1.8753		3.0	+05	1.9549			5712 4 3027
5.35239	+05	1.9348		6.0	+05	2.1312		3.054738	+05	2.2333			5712 4 3028
7.0	+05	2.2346		7.74238	+05	2.2456		3.0	+05	2.2510			5712 4 3029
9.0	+05	2.1684		1.0	+06	2.0411		1.09	+06	2.1285			5712 4 3030
7.71	+05	7.71	+05						1		5		5712 4 3031
	5		2										5712 4 3032
7.74238	+05	0.0		8.0	+05	0.01		9.0	+05	0.0711			5712 4 3033
1.0	+06	0.119		1.09	+06	0.1233							5712 4 3034
7.58	+05	7.71	+05						1		5		5712 4 3035
	5		2										5712 4 3036
7.74238	+05	0.0		8.0	+05	0.003		9.0	+05	0.0231			5712 4 3037
1.0	+06	0.0382		1.09	+06	0.0397							5712 4 3038
7.19	+05	7.71	+05						1		5		5712 4 3039
	5		2										5712 4 3040
7.74238	+05	0.0		8.0	+05	0.002		9.0	+05	0.0157			5712 4 3041
1.0	+06	0.0255		1.09	+06	0.0265							5712 4 3042
6.52	+05	6.52	+05						1		7		5712 4 3043
	7		2										5712 4 3044
6.54738	+05	0.0		7.0	+05	0.0276		7.74238	+05	0.0509			5712 4 3045
8.0	+05	0.0552		9.0	+05	0.0618		1.0	+06	0.0604			5712 4 3046
1.09	+06	0.0613											5712 4 3047
6.39	+05	6.52	+05						1		7		5712 4 3048
	7		2										5712 4 3049
6.54738	+05	0.0		7.0	+05	0.0331		7.74238	+05	0.0631			5712 4 3050
8.0	+05	0.0673		9.0	+05	0.0748		1.0	+06	0.074			5712 4 3051
1.09	+06	0.0745											5712 4 3052
4.51	+05	5.33	+05						1		9		5712 4 3053
	9		2										5712 4 3054
5.35239	+05	0.0		6.0	+05	0.0228		6.54738	+05	0.0379			5712 4 3055
7.0	+05	0.0474		7.74238	+05	0.0478		8.0	+05	0.0532			5712 4 3056
9.0	+05	0.0508		1.0	+06	0.0468		1.09	+06	0.0513			5712 4 3057
4.22	+05	4.74	+05						1		11		5712 4 3058
	11		2										5712 4 3059
4.75991	+05	0.0		5.0	+05	0.0054		5.35239	+05	0.0155			5712 4 3060
6.0	+05	0.0312		6.54738	+05	0.0447		7.0	+05	0.0386			5712 4 3061
7.74238	+05	0.0387		8.0	+05	0.0382		9.0	+05	0.0342			5712 4 3062
1.0	+06	0.0306		1.09	+06	0.0306							5712 4 3063
4.14	+05	4.27	+05						1		12		5712 4 3064
	12		2										5712 4 3065
4.28793	+05	0.0		4.75991	+05	0.0068		5.0	+05	0.008			5712 4 3066
5.35239	+05	0.0117		6.0	+05	0.0120		6.54738	+05	0.0138			5712 4 3067
7.0	+05	0.0154		7.74238	+05	0.0305		8.0	+05	0.0321			5712 4 3068
9.0	+05	0.0277		1.0	+06	0.0255		1.09	+06	0.0166			5712 4 3069
3.94	+05	3.94	+05						1		14		5712 4 3070
	14		2										5712 4 3071
3.95655	+05	0.0		4.15739	+05	0.0083		4.28793	+05	0.0096			5712 4 3072
4.75991	+05	0.0203		5.0	+05	0.0161		5.35239	+05	0.0233			5712 4 3073
6.0	+05	0.0216		6.54738	+05	0.0229		7.0	+05	0.0232			5712 4 3074
7.74238	+05	0.0224		8.0	+05	0.0221		9.0	+05	0.0212			5712 4 3075
1.0	+06	0.0230		1.09	+06	0.0232							

3.81	+n5	3.94	+n5	2	1	14	5712	4	3076		
	14		?				5712	4	3077		
3.95655	+n5	0.ñ		4.15739	+n5	0.0041	4.28793	+05	0.0041		
4.75991	+n5	0.ñ108		5.ñ	+n5	0.0080	5.35239	+05	0.0117		
6.ñ	+n5	0.ñ384		6.54738	+n5	0.0585	7.0	+05	0.0717		
7.74238	+05	0.ñ702		8.ñ	+n5	0.0783	9.0	+05	0.0748		
1.0	+n6	0.ñ706		1.ñ9	+n6	0.0762					
3.75	+n5	4.27	+n5	2	1	12	5712	4	3084		
	12		?				5712	4	3085		
4.28793	+n5	0.ñ		4.75991	+n5	0.0068	5.0	+05	0.008		
5.35239	+n5	0.ñ117		6.ñ	+n5	0.0132	6.54738	+05	0.0138		
7.0	+n5	0.ñ154		7.74238	+n5	0.0316	8.0	+05	0.0321		
9.0	+n5	0.ñ277		1.ñ	+n6	0.0255	1.09	+06	0.0166		
3.67	+n5	3.67	+n5	2	1	15	5712	4	3090		
	15		?				5712	4	3091		
3.68541	+n5	0.ñ		3.95655	+n5	0.0055	4.15739	+05	0.0083		
4.28793	+n5	0.ñ274		4.75991	+n5	0.0257	5.0	+05	0.0241		
5.35239	+n5	0.ñ220		6.ñ	+n5	0.0168	6.54738	+05	0.0321		
7.0	+n5	0.ñ309		7.74238	+n5	0.0285	8.0	+05	0.0271		
9.0	+n5	0.ñ286		1.ñ	+n6	0.0298	1.09	+06	0.0298		
3.42	+n5	3.94	+n5	2	1	14	5712	4	3097		
	14		?				5712	4	3098		
3.95655	+n5	0.ñ		4.15739	+n5	0.0014	4.28793	+05	0.0027		
4.75991	+n5	0.ñ081		5.ñ	+n5	0.0107	5.35239	+05	0.0104		
6.0	+n5	0.ñ096		6.54738	+n5	0.0115	7.0	+05	0.0132		
7.74238	+n5	0.ñ193		8.ñ	+n5	0.0171	9.0	+05	0.0166		
1.0	+n6	0.ñ11		1.ñ9	+n6	0.0116					
3.33	+n5	3.33	+n5	2	1	16	5712	4	3104		
	16		?				5712	4	3105		
3.344	+n5	0.ñ		3.68541	+n5	0.0042	3.95655	+05	0.0138		
4.15739	+n5	0.ñ152		4.28793	+n5	0.0150	4.75991	+05	0.023		
5.0	+n5	0.ñ281		5.35239	+n5	0.022	6.0	+05	0.0432		
6.54738	+05	0.ñ516		7.ñ	+n5	0.0574	7.74238	+05	0.054		
8.0	+n5	0.ñ572		9.ñ	+n5	0.0517	1.0	+06	0.0468		
1.09	+n6	0.ñ488									
3.24	+n5	4.74	+n5	2	1	11	5712	4	3112		
	11		?				5712	4	3113		
4.75991	+n5	0.ñ		5.ñ	+n5	0.0054	5.35239	+05	0.0155		
6.0	+n5	0.ñ30		6.54738	+n5	0.0436	7.0	+05	0.0386		
7.74238	+05	0.ñ387		8.ñ	+n5	0.0382	9.0	+05	0.0351		
1.0	+n6	0.ñ306		1.ñ9	+n6	0.0298					
3.15	+n5	3.47	+n5	2	1	15	5712	4	3118		
	15		?				5712	4	3119		
3.68541	+n5	0.ñ		3.95655	+n5	0.0028	4.15739	+05	0.0041		
4.28793	+n5	0.ñ123		4.75991	+n5	0.0081	5.0	+05	0.0054		
5.35239	+n5	0.ñ091		6.ñ	+n5	0.0096	6.54738	+05	0.0069		
7.0	+n5	0.ñ077		7.74238	+n5	0.0071	8.0	+05	0.0070		
9.0	+n5	0.ñ065		1.ñ	+n6	0.0068	1.09	+06	0.0075		
3.11	+n5	4.14	+n5	2	1	13	5712	4	3125		
	13		?				5712	4	3126		
4.15739	+n5	0.ñ		4.28793	+n5	0.0014	4.75991	+05	0.0041		
5.0	+n5	0.ñ040		5.35239	+n5	0.0065	6.0	+05	0.0060		
6.54738	+05	0.ñ057		7.ñ	+n5	0.0055	7.74238	+05	0.0061		
8.0	+n5	0.ñ050		9.ñ	+n5	0.0055	1.0	+06	0.0060		
1.09	+n6	0.ñ058									
1.96	+n5	3.67	+n5	2	1	15	5712	4	3132		
	15		?				5712	4	3133		
3.685	+n5	0.ñ		3.957	+n5	5.5	-03	4.157	+05	8.3	-03
4.28793	+n5	0.ñ287		4.75991	+n5	0.0176	5.0	+05	0.0134		
5.35239	+n5	0.ñ194		6.ñ	+n5	0.0144	6.54738	+05	0.0172		
7.0	+n5	0.ñ165		7.74238	+n5	0.0153	8.0	+05	0.0151		
9.0	+n5	0.ñ157		1.ñ	+n6	0.0162	1.09	+06	0.0166		
1.89	+n5	4.14	+n5	2	1	13	5712	4	3139		
	13		?				5712	4	3140		
4.15739	+n5	0.ñ		4.28793	+n5	0.0055	4.75991	+05	0.0122		
5.0	+n5	0.ñ134		5.35239	+n5	0.0181	6.0	+05	0.0180		
6.54738	+n5	0.ñ184		7.ñ	+n5	0.0176	7.74238	+05	0.0163		
8.0	+n5	0.ñ151		9.ñ	+n5	0.0166	1.0	+06	0.0178		
1.09	+n6	0.ñ174									
1.71	+n5	1.71	+n5	2	1	20	5712	4	3145		
	20		?				5712	4	3146		

1.71718+05	0.0	1.97827+05	0.0016	2.25945+05	0.0062	5712	4	3147
2.96239+05	0.0599	3.344 +05	0.0918	3.68541+05	0.1271	5712	4	3148
3.95655+05	0.1355	4.15739+05	0.1296	4.28793+05	0.1436	5712	4	3149
4.75991+05	0.1394	5.0 +05	0.1754	5.35239+05	0.1709	5712	4	3150
6.0 +05	0.1524	6.54738+05	0.1548	7.0 +05	0.1434	5712	4	3151
7.74238+05	0.1272	8.0 +05	0.1205	9.0 +05	0.1043	5712	4	3152
1.0 +06	0.0926	1.09 +06	0.096	2	1	16	5712	4 3153
1.62 +05	3.33	2					5712	4 3154
	16						5712	4 3155
3.344 +05	0.0	3.68541+05	0.0056	3.95655+05	0.0194	5712	4	3156
4.15739+05	0.0193	4.28793+05	0.0192	4.75991+05	0.0311	5712	4	3157
5.0 +05	0.0375	5.35239+05	0.0298	6.0 +05	0.0444	5712	4	3158
6.54738+05	0.0447	7.0 +05	0.0441	7.0 +05	0.0387	5712	4	3159
8.0 +05	0.0392	9.0 +05	0.0342	1.0 +06	0.0298	5712	4	3160
1.09 +06	0.029					5712	4	3161
1.44 +05	2.95	2		2	1	17	5712	4 3162
	17						5712	4 3163
2.96239+05	0.0	3.344 +05	0.0198	3.68541+05	0.0224	5712	4	3164
3.95655+05	0.0443	4.15739+05	0.0469	4.28793+05	0.0506	5712	4	3165
4.75991+05	0.0636	5.0 +05	0.0683	5.35239+05	0.0544	5712	4	3166
6.0 +05	0.0732	6.54738+05	0.0734	7.0 +05	0.0717	5712	4	3167
7.74238+05	0.0662	8.0 +05	0.0643	9.0 +05	0.0554	5712	4	3168
1.0 +06	0.0476	1.09 +06	0.0464	2	1	20	5712	4 3169
1.19 +05	1.71	2					5712	4 3170
	20						5712	4 3171
1.71718+05	0.0	1.97827+05	0.0016	2.25945+05	0.0078	5712	4	3172
2.96239+05	0.0497	3.344 +05	0.0607	3.68541+05	0.0685	5712	4	3173
3.95655+05	0.0802	4.15739+05	0.0731	4.28793+05	0.0848	5712	4	3174
4.75991+05	0.0771	5.0 +05	0.0763	5.35239+05	0.0699	5712	4	3175
6.0 +05	0.066	6.54738+05	0.0631	7.0 +05	0.0563	5712	4	3176
7.74238+05	0.0489	8.0 +05	0.0482	9.0 +05	0.0378	5712	4	3177
1.0 +06	0.0323	1.09 +06	0.0339	2	1	19	5712	4 3178
1.15 +05	1.97	2					5712	4 3179
	19						5712	4 3180
1.97827+05	0.0	2.25945+05	0.0170	2.96239+05	0.0307	5712	4	3181
3.344 +05	0.0424	3.68541+05	0.0433	3.95655+05	0.0581	5712	4	3182
4.15739+05	0.0593	4.28793+05	0.0616	4.75991+05	0.0636	5712	4	3183
5.0 +05	0.0603	5.35239+05	0.0596	6.0 +05	0.0636	5712	4	3184
6.54738+05	0.0688	7.0 +05	0.0596	7.0 +05	0.0641	5712	4	3185
8.0 +05	0.0602	9.0 +05	0.0545	1.0 +06	0.0484	5712	4	3186
1.09 +06	0.0563					5712	4	3187
1.03 +05	1.03	2		2	1	22	5712	4 3188
	22						5712	4 3189
1.03433+05	0.0	1.5063 +05	0.0068	1.71718+05	0.0066	5712	4	3190
1.97827+05	0.0080	2.25945+05	0.0078	2.96239+05	0.0073	5712	4	3191
3.344 +05	0.0085	3.68541+05	0.0070	3.95655+05	0.0111	5712	4	3192
4.15739+05	0.0083	4.28793+05	0.0082	4.75991+05	0.0081	5712	4	3193
5.0 +05	0.0094	5.35239+05	0.0091	6.0 +05	0.0072	5712	4	3194
6.54738+05	0.0057	7.0 +05	0.0055	7.0 +05	0.0072	5712	4	3195
8.0 +05	0.005	9.0 +05	0.0055	1.0 +06	0.0061	5712	4	3196
1.09 +06	0.0058					5712	4	3197
9.8 +04	1.5	2		2	1	21	5712	4 3198
	21						5712	4 3199
1.5063 +05	0.0	1.71718+05	0.0181	1.97827+05	0.024	5712	4	3200
2.25945+05	0.0279	2.96239+05	0.0322	3.344 +05	0.0565	5712	4	3201
3.68541+05	0.0832	3.95655+05	0.1065	4.15739+05	0.1214	5712	4	3202
4.28793+05	0.1094	4.75991+05	0.1137	5.0 +05	0.1285	5712	4	3203
5.35239+05	0.1217	6.0 +05	0.1824	6.54738+05	0.2042	5712	4	3204
7.0 +05	0.2052	7.74238+05	0.1965	8.0 +05	0.1998	5712	4	3205
9.0 +05	0.1791	1.0 +06	0.1572	1.09 +06	0.1656	5712	4	3206
6.9 +04	8.2	2		2	1	23	5712	4 3207
	23						5712	4 3208
8.2344 +04	0.0	1.03433+05	0.0781	1.5063 +05	0.1709	5712	4	3209
1.71718+05	0.1927	1.97827+05	0.2132	2.25945+05	0.2325	5712	4	3210
2.96239+05	0.2193	3.344 +05	0.2160	3.68541+05	0.2082	5712	4	3211
3.95655+05	0.2047	4.15739+05	0.1944	4.28793+05	0.1874	5712	4	3212
4.75991+05	0.1732	5.0 +05	0.1687	5.35239+05	0.1606	5712	4	3213
6.0 +05	0.1704	6.54738+05	0.1801	7.0 +05	0.1721	5712	4	3214
7.74238+05	0.1741	8.0 +05	0.1667	9.0 +05	0.1412	5712	4	3215
1.0 +06	0.1198	1.09 +06	0.1349			5712	4	3216



0.6	+06	0.6783	-06	0.7	+06	0.5628	-06	0.8	+06	0.4676	-06	5715	3	3288
0.9	+06	0.3860	-06	1.00	+06	0.3175	-06	1.25	+06	0.2078	-06	5715	3	3289
1.50	+06	0.1429	-06	1.75	+06	0.1025	-06	2.00	+06	0.0786	-06	5715	3	3290
2.25	+06	0.0599	-06	2.50	+06	0.0476	-06	2.75	+06	0.0368	-06	5715	3	3291
3.00	+06	0.0286	-06	3.25	+06	0.0222	-06	3.50	+06	0.0172	-06	5715	3	3292
3.75	+06	0.0133	-06	4.00	+06	0.0104	-06	4.25	+06	0.00823	-06	5715	3	3293
4.50	+06	0.00657	-06	4.75	+06	0.0052	-06	5.00	+06	0.00419	-06	5715	3	3294
5.50	+06	0.00266	-06	6.00	+06	0.00209	-06	6.50	+06	0.00108	-06	5715	3	3295
7.00	+06	0.00072	-06	8.00	+06	0.0	-06					5715	3	3296
0.		2.1	+06						1		32	5715	3	3297
		32										5715	3	3298
0.0	+06	0.54926	-06	0.1	+06	0.68354	-06	0.2	+06	0.78070	-06	5715	3	3299
0.3	+06	0.88124	-06	0.4	+06	0.93252	-06	0.5	+06	0.90688	-06	5715	3	3300
0.6	+06	0.82389	-06	0.7	+06	0.69636	-06	0.8	+06	0.57085	-06	5715	3	3301
0.9	+06	0.48516	-06	1.0	+06	0.41970	-06	1.25	+06	0.27463	-06	5715	3	3302
1.50	+06	0.18421	-06	1.75	+06	0.12483	-06	2.00	+06	0.08502	-06	5715	3	3303
2.25	+06	0.05843	-06	2.50	+06	0.04325	-06	2.75	+06	0.03232	-06	5715	3	3304
3.00	+06	0.02470	-06	3.25	+06	0.01849	-06	3.50	+06	0.01410	-06	5715	3	3305
3.75	+06	0.01066	-06	4.00	+06	0.00823	-06	4.25	+06	0.00628	-06	5715	3	3306
4.50	+06	0.00486	-06	4.75	+06	0.00371	-06	5.00	+06	0.00290	-06	5715	3	3307
5.50	+06	0.00175	-06	6.00	+06	0.00108	-06	6.50	+06	0.00061	-06	5715	3	3308
7.00	+06	0.00047	-06	8.00	+06	0.00000	-06					5715	3	3309
0.		3.0	+06						1		32	5715	3	3310
		32										5715	3	3311
0.0	+06	0.54116	-06	0.1	+06	0.65655	-06	0.2	+06	0.74831	-06	5715	3	3312
0.3	+06	0.82321	-06	0.4	+06	0.86910	-06	0.5	+06	0.86370	-06	5715	3	3313
0.6	+06	0.78273	-06	0.7	+06	0.65047	-06	0.8	+06	0.54723	-06	5715	3	3314
0.9	+06	0.45007	-06	1.0	+06	0.39001	-06	1.25	+06	0.27260	-06	5715	3	3315
1.50	+06	0.21255	-06	1.75	+06	0.16734	-06	2.00	+06	0.12955	-06	5715	3	3316
2.25	+06	0.09582	-06	2.50	+06	0.05756	-06	2.75	+06	0.03630	-06	5715	3	3317
3.00	+06	0.02429	-06	3.25	+06	0.01795	-06	3.50	+06	0.01377	-06	5715	3	3318
3.75	+06	0.01026	-06	4.00	+06	0.00776	-06	4.25	+06	0.00594	-06	5715	3	3319
4.50	+06	0.00452	-06	4.75	+06	0.00344	-06	5.00	+06	0.00270	-06	5715	3	3320
5.50	+06	0.00155	-06	6.00	+06	0.00094	-06	6.50	+06	0.00054	-06	5715	3	3321
7.00	+06	0.00040	-06	8.00	+06	0.00000	-06					5715	3	3322
0.		4.0	+06						1		32	5715	3	3323
		32										5715	3	3324
0.0	+06	0.3985	-06	0.1	+06	0.5539	-06	0.2	+06	0.6958	-06	5715	3	3325
0.3	+06	0.7870	-06	0.4	+06	0.8309	-06	0.5	+06	0.8174	-06	5715	3	3326
0.6	+06	0.7903	-06	0.7	+06	0.6755	-06	0.8	+06	0.5539	-06	5715	3	3327
0.9	+06	0.4695	-06	1.0	+06	0.4019	-06	1.25	+06	0.2871	-06	5715	3	3328
1.50	+06	0.2189	-06	1.75	+06	0.1743	-06	2.00	+06	0.1392	-06	5715	3	3329
2.25	+06	0.1067	-06	2.50	+06	0.0777	-06	2.75	+06	0.049	-06	5715	3	3330
3.00	+06	0.0329	-06	3.25	+06	0.0226	-06	3.50	+06	0.0161	-06	5715	3	3331
3.75	+06	0.0113	-06	4.00	+06	0.0085	-06	4.25	+06	0.00635	-06	5715	3	3332
4.50	+06	0.0048	-06	4.75	+06	0.00365	-06	5.00	+06	0.00282	-06	5715	3	3333
5.50	+06	0.00169	-06	6.00	+06	0.00108	-06	6.50	+06	0.00068	-06	5715	3	3334
7.0	+06	0.0	-06	8.0	+06	0.0	-06					5715	3	3335
0.		5.0	+06						1		32	5715	3	3336
		32										5715	3	3337
0.0	+06	0.55059	-06	0.1	+06	0.64824	-06	0.2	+06	0.72882	-06	5715	3	3338
0.3	+06	0.81471	-06	0.4	+06	0.86647	-06	0.5	+06	0.83765	-06	5715	3	3339
0.6	+06	0.75176	-06	0.7	+06	0.61412	-06	0.8	+06	0.50176	-06	5715	3	3340
0.9	+06	0.41882	-06	1.0	+06	0.36118	-06	1.25	+06	0.27059	-06	5715	3	3341
1.50	+06	0.21647	-06	1.75	+06	0.17706	-06	2.00	+06	0.14588	-06	5715	3	3342
2.25	+06	0.11412	-06	2.50	+06	0.08118	-06	2.75	+06	0.05165	-06	5715	3	3343
3.00	+06	0.03271	-06	3.25	+06	0.02182	-06	3.50	+06	0.01624	-06	5715	3	3344
3.75	+06	0.01209	-06	4.00	+06	0.00906	-06	4.25	+06	0.00665	-06	5715	3	3345
4.50	+06	0.00506	-06	4.75	+06	0.00376	-06	5.00	+06	0.00282	-06	5715	3	3346
5.50	+06	0.00159	-06	6.00	+06	0.00094	-06	6.50	+06	0.00053	-06	5715	3	3347
7.00	+06	0.00029	-06	8.00	+06	0.00000	-06					5715	3	3348
0.		6.0	+06						1		32	5715	3	3349
		32										5715	3	3350
0.0	+06	0.3909	-06	0.1	+06	0.4955	-06	0.2	+06	0.6002	-06	5715	3	3351
0.3	+06	0.7213	-06	0.4	+06	0.8094	-06	0.5	+06	0.8424	-06	5715	3	3352
0.6	+06	0.7929	-06	0.7	+06	0.6607	-06	0.8	+06	0.5506	-06	5715	3	3353
0.9	+06	0.4570	-06	1.0	+06	0.3926	-06	1.25	+06	0.2852	-06	5715	3	3354
1.50	+06	0.2241	-06	1.75	+06	0.1861	-06	2.00	+06	0.1569	-06	5715	3	3355
2.25	+06	0.1211	-06	2.50	+06	0.0903	-06	2.75	+06	0.0622	-06	5715	3	3356
3.00	+06	0.0417	-06	3.25	+06	0.0280	-06	3.5	+06	0.0193	-06	5715	3	3357

3.75	+06	0.0140	-06	4.00	+06	0.0109	-06	4.25	+06	0.00809-06	5715	3	3358	
4.5	+06	0.00639-06	-06	4.75	+06	0.0049	-06	5.0	+06	0.00382-06	5715	3	3359	
5.5	+06	0.00237-06	-06	6.0	+06	0.00154-06	-06	6.5	+06	0.00098-06	5715	3	3360	
7.0	+06	0.00062-06	-06	8.0	+06	0.0	-06				5715	3	3361	
0.		7.5	+06						1	32	5715	3	3362	
		32	2								5715	3	3363	
0.0	+06	0.46648-06	-06	0.1	+06	0.58622-06	-06	0.2	+06	0.71151-06	5715	3	3364	
0.3	+06	0.83634-06	-06	0.4	+06	0.92187-06	-06	0.5	+06	0.96163-06	5715	3	3365	
0.6	+06	0.90476-06	-06	0.7	+06	0.74526-06	-06	0.8	+06	0.60333-06	5715	3	3366	
0.9	+06	0.49515-06	-06	1.0	+06	0.41147-06	-06	1.25	+06	0.27184-06	5715	3	3367	
1.50	+06	0.19649-06	-06	1.75	+06	0.12390-06	-06	2.00	+06	0.08460-06	5715	3	3368	
2.25	+06	0.06103-06	-06	2.50	+06	0.04535-06	-06	2.75	+06	0.03370-06	5715	3	3369	
3.00	+06	0.02547-06	-06	3.25	+06	0.01923-06	-06	3.50	+06	0.01484-06	5715	3	3370	
3.75	+06	0.01137-06	-06	4.00	+06	0.00878-06	-06	4.25	+06	0.00689-06	5715	3	3371	
4.50	+06	0.00536-06	-06	4.75	+06	0.00416-06	-06	5.00	+06	0.00328-06	5715	3	3372	
5.50	+06	0.00203-06	-06	6.00	+06	0.00134-06	-06	6.50	+06	0.00083-06	5715	3	3373	
7.00	+06	0.00055-06	-06	8.00	+06	0.00000-06	-06				5715	3	3374	
0.		1.48	+07						1	32	5715	3	3375	
		32	2								5715	3	3376	
0.0	+06	0.47402-06	-06	0.1	+06	0.57474-06	-06	0.2	+06	0.67546-06	5715	3	3377	
0.3	+06	0.79297-06	-06	0.4	+06	0.86851-06	-06	0.5	+06	0.87690-06	5715	3	3378	
0.6	+06	0.84333-06	-06	0.7	+06	0.75939-06	-06	0.8	+06	0.61271-06	5715	3	3379	
0.9	+06	0.47402-06	-06	1.0	+06	0.39169-06	-06	1.25	+06	0.26859-06	5715	3	3380	
1.50	+06	0.20504-06	-06	1.75	+06	0.15108-06	-06	2.00	+06	0.11271-06	5715	3	3381	
2.25	+06	0.08153-06	-06	2.50	+06	0.05995-06	-06	2.75	+06	0.04357-06	5715	3	3382	
3.00	+06	0.03197-06	-06	3.25	+06	0.02342-06	-06	3.50	+06	0.01743-06	5715	3	3383	
3.75	+06	0.01295-06	-06	4.00	+06	0.00979-06	-06	4.25	+06	0.00739-06	5715	3	3384	
4.50	+06	0.00560-06	-06	4.75	+06	0.00424-06	-06	5.00	+06	0.00328-06	5715	3	3385	
5.50	+06	0.00192-06	-06	6.00	+06	0.00112-06	-06	6.50	+06	0.00068-06	5715	3	3386	
7.00	+06	0.00040-06	-06	8.00	+06	0.00000-06	-06				5715	3	3387	
0.		2.0	+07						1	32	5715	3	3388	
		32	2								5715	3	3389	
0.0	+06	0.52286-06	-06	0.1	+06	0.62035-06	-06	0.2	+06	0.71889-06	5715	3	3390	
0.3	+06	0.83552-06	-06	0.4	+06	0.90783-06	-06	0.5	+06	0.90571-06	5715	3	3391	
0.6	+06	0.87877-06	-06	0.7	+06	0.81212-06	-06	0.8	+06	0.65048-06	5715	3	3392	
0.9	+06	0.48245-06	-06	1.0	+06	0.38993-06	-06	1.25	+06	0.25948-06	5715	3	3393	
1.50	+06	0.19497-06	-06	1.75	+06	0.13080-06	-06	2.00	+06	0.08614-06	5715	3	3394	
2.25	+06	0.05778-06	-06	2.50	+06	0.04183-06	-06	2.75	+06	0.03247-06	5715	3	3395	
3.00	+06	0.02634-06	-06	3.25	+06	0.02081-06	-06	3.50	+06	0.01627-06	5715	3	3396	
3.75	+06	0.01216-06	-06	4.00	+06	0.00915-06	-06	4.25	+06	0.00695-06	5715	3	3397	
4.50	+06	0.00521-06	-06	4.75	+06	0.00393-06	-06	5.00	+06	0.00294-06	5715	3	3398	
5.50	+06	0.00160-06	-06	6.00	+06	0.00089-06	-06	6.50	+06	0.00050-06	5715	3	3399	
7.00	+06	0.00025-06	-06	8.00	+06	0.00000-06	-06				5715	3	3400	
9.2235	+04	2.33025	+02						1		5715	0	3401	
0.		0.							1	2	5715	18	3402	
		2	2								5715	18	3403	
1.0	-05	1.0	1.00	+06	1.0						5715	18	3404	
0.		0.							1	2	5715	18	3405	
		2	2								5715	18	3406	
0.		1.0	-05						1	64	5715	18	3407	
		64	2								5715	18	3408	
0.0	+06	0.1416	-06	0.05	+06	0.2365	-06	0.10	+06	0.3950	-06	5715	18	3409
0.15	+06	0.6669	-06	0.163	+06	0.7094	-06	0.178	+06	0.6117	-06	5715	18	3410
0.20	+06	0.8623	-06	0.212	+06	1.1044	-06	0.225	+06	0.8425	-06	5715	18	3411
0.245	+06	0.6088	-06	0.265	+06	0.4106	-06	0.30	+06	0.6839	-06	5715	18	3412
0.325	+06	0.8170	-06	0.35	+06	1.0294	-06	0.365	+06	1.0648	-06	5715	18	3413
0.40	+06	0.9387	-06	0.43	+06	0.8410	-06	0.45	+06	0.8835	-06	5715	18	3414
0.485	+06	0.9954	-06	0.50	+06	0.9586	-06	0.525	+06	0.8241	-06	5715	18	3415
0.545	+06	0.7320	-06	0.575	+06	0.8750	-06	0.605	+06	0.9529	-06	5715	18	3416
0.625	+06	0.8623	-06	0.65	+06	0.7278	-06	0.67	+06	0.7745	-06	5715	18	3417
0.683	+06	0.7986	-06	0.70	+06	0.7179	-06	0.75	+06	0.6966	-06	5715	18	3418
0.80	+06	0.6626	-06	0.90	+06	0.5097	-06	1.00	+06	0.4205	-06	5715	18	3419
1.10	+06	0.3582	-06	1.20	+06	0.3412	-06	1.25	+06	0.3271	-06	5715	18	3420
1.35	+06	0.2818	-06	1.50	+06	0.2011	-06	1.75	+06	0.1288	-06	5715	18	3421
2.0	+06	0.0934	-06	2.25	+06	0.0736	-06	2.5	+06	0.0586	-06	5715	18	3422
2.75	+06	0.0450	-06	3.0	+06	0.0343	-06	3.25	+06	0.0248	-06	5715	18	3423
3.5	+06	0.0197	-06	3.75	+06	0.0156	-06	4.0	+06	0.0127	-06	5715	18	3424
4.25	+06	0.00934	-06	4.5	+06	0.00657	-06	4.75	+06	0.00507	-06	5715	18	3425
5.0	+06	0.00421	-06	5.25	+06	0.00355	-06	5.5	+06	0.00302	-06	5715	18	3426

5.75	+06	0.00258	-06	6.0	+06	0.00217	-06	6.25	+06	0.00176	-06	5715	18	3428
6.5	+06	.00142	-06	6.75	+06	.0011	-06	7.0	+06	.00086	-06	5715	18	3429
7.25	+06	.00064	-06	7.5	+06	.00042	-06	7.75	+06	.00012	-06	5715	18	3430
8.0	+06	.00001	-06	8.0	+06	0.0						5715	18	3431
0.		1.09	+06							1	64	5715	18	3432
	64		?									5715	18	3433
0.0		0.1416	-06	0.05	+06	0.2365	-06	.10	+06	0.3950	-06	5715	18	3434
0.15	+06	0.6669	-06	0.163	+06	0.7094	-06	0.178	+06	0.6117	-06	5715	18	3435
0.20	+06	0.8623	-06	0.212	+06	1.1044	-06	0.225	+06	0.8425	-06	5715	18	3436
0.245	+06	0.6088	-06	0.265	+06	0.4106	-06	.30	+06	0.6839	-06	5715	18	3437
0.325	+06	0.8170	-06	0.35	+06	1.0294	-06	0.365	+06	1.0648	-06	5715	18	3438
0.40	+06	0.9387	-06	0.43	+06	0.8410	-06	0.45	+06	0.8835	-06	5715	18	3439
0.485	+06	0.9954	-06	0.50	+06	0.9586	-06	.525	+06	0.8241	-06	5715	18	3440
0.545	+06	0.7320	-06	0.575	+06	0.8750	-06	0.605	+06	0.9529	-06	5715	18	3441
0.625	+06	0.8623	-06	0.65	+06	0.7278	-06	0.67	+06	0.7745	-06	5715	18	3442
0.683	+06	0.7986	-06	0.70	+06	0.7179	-06	0.75	+06	0.6966	-06	5715	18	3443
0.80	+06	0.6626	-06	0.90	+06	0.5097	-06	1.00	+06	0.4205	-06	5715	18	3444
1.10	+06	0.3582	-06	1.20	+06	0.3412	-06	1.25	+06	0.3271	-06	5715	18	3445
1.35	+06	0.2818	-06	1.50	+06	0.2011	-06	1.75	+06	0.1288	-06	5715	18	3446
2.0	+06	0.0934	-06	2.25	+06	0.0736	-06	2.5	+06	0.0586	-06	5715	18	3447
2.75	+06	0.0450	-06	3.0	+06	0.0343	-06	3.25	+06	0.0248	-06	5715	18	3448
3.5	+06	0.0197	-06	3.75	+06	0.0156	-06	4.0	+06	0.0127	-06	5715	18	3449
4.25	+06	0.00934	-06	4.5	+06	0.00657	-06	4.75	+06	0.00507	-06	5715	18	3450
5.0	+06	0.00421	-06	5.25	+06	0.00355	-06	5.5	+06	0.00302	-06	5715	18	3451
5.75	+06	0.00258	-06	6.0	+06	0.00217	-06	6.25	+06	0.00176	-06	5715	18	3452
6.5	+06	.00142	-06	6.75	+06	.0011	-06	7.0	+06	.00086	-06	5715	18	3453
7.25	+06	.00064	-06	7.5	+06	.00042	-06	7.75	+06	.00012	-06	5715	18	3454
8.0	+06	.00001	-06	8.0	+06	0.0						5715	18	3455
												5715	0	3456
9.2235	+04	2.33025	+02							1		5715	102	3457
0.		0.								1		5715	102	3458
												5715	102	3459
1.0	-05	1.0		1.09	+06	1.0						5715	102	3460
										1		5715	102	3461
	3		?									5715	102	3462
		1.0	-05							1	31	5715	102	3463
	31		?									5715	102	3464
0.0	+06	0.106	-06	0.1	+06	0.549	-06	.2	+06	0.510	-06	5715	102	3465
0.3	+06	0.343	-06	0.4	+06	0.271	-06	0.5	+06	0.229	-06	5715	102	3466
0.6	+06	0.209	-06	0.7	+06	0.213	-06	0.8	+06	0.231	-06	5715	102	3467
0.9	+06	0.270	-06	1.0	+06	0.345	-06	1.25	+06	0.425	-06	5715	102	3468
1.5	+06	0.374	-06	1.75	+06	0.310	-06	2.0	+06	0.254	-06	5715	102	3469
2.25	+06	0.234	-06	2.5	+06	0.195	-06	2.75	+06	0.154	-06	5715	102	3470
3.0	+06	0.125	-06	3.25	+06	0.0945	-06	3.5	+06	0.0796	-06	5715	102	3471
3.75	+06	0.0669	-06	4.0	+06	0.0488	-06	4.25	+06	0.0446	-06	5715	102	3472
4.5	+06	0.0308	-06	4.75	+06	0.0244	-06	5.0	+06	0.0212	-06	5715	102	3473
5.5	+06	0.0393	-06	6.0	+06	0.0117	-06	6.5	+06	0.0011	-06	5715	102	3474
7.0	+06	0.0										5715	102	3475
		1.3	+04							1	31	5715	102	3476
	31		?									5715	102	3477
0.0	+06	0.106	-06	0.1	+06	0.549	-06	.2	+06	0.510	-06	5715	102	3478
0.3	+06	0.343	-06	0.4	+06	0.271	-06	0.5	+06	0.229	-06	5715	102	3479
0.6	+06	0.209	-06	0.7	+06	0.213	-06	0.8	+06	0.231	-06	5715	102	3480
0.9	+06	0.270	-06	1.0	+06	0.345	-06	1.25	+06	0.425	-06	5715	102	3481
1.5	+06	0.374	-06	1.75	+06	0.310	-06	2.0	+06	0.254	-06	5715	102	3482
2.25	+06	0.234	-06	2.5	+06	0.195	-06	2.75	+06	0.154	-06	5715	102	3483
3.0	+06	0.125	-06	3.25	+06	0.0945	-06	3.5	+06	0.0796	-06	5715	102	3484
3.75	+06	0.0669	-06	4.0	+06	0.0488	-06	4.25	+06	0.0446	-06	5715	102	3485
4.5	+06	0.0308	-06	4.75	+06	0.0244	-06	5.0	+06	0.0212	-06	5715	102	3486
5.5	+06	0.0393	-06	6.0	+06	0.0117	-06	6.5	+06	0.0011	-06	5715	102	3487
7.0	+06	0.0										5715	102	3488
		1.09	+06							1	32	5715	102	3489
	32		?									5715	102	3490
0.0	+06	0.0944	-06	0.1	+06	0.488	-06	.2	+06	0.453	-06	5715	102	3491
0.3	+06	0.305	-06	0.4	+06	0.241	-06	0.5	+06	0.204	-06	5715	102	3492
0.6	+06	0.186	-06	0.7	+06	0.190	-06	0.8	+06	0.206	-06	5715	102	3493
0.9	+06	0.240	-06	1.0	+06	0.307	-06	1.25	+06	0.376	-06	5715	102	3494
1.5	+06	0.331	-06	1.75	+06	0.262	-06	2.0	+06	0.223	-06	5715	102	3495
2.25	+06	0.208	-06	2.5	+06	0.190	-06	2.75	+06	0.166	-06	5715	102	3496
3.0	+06	0.144	-06	3.25	+06	0.122	-06	3.5	+06	0.102	-06	5715	102	3497
3.75	+04	0.0892	-06	4.0	+06	0.0737	-06	4.25	+06	0.0662	-06	5715	102	3498

4.5	+06 0.0540	-06 4.75	+06 0.0471	-06 5.0	+06 0.0420	-06	5715102	3499
5.5	+06 0.0727	-06 6.0	+06 0.0223	-06 9.5	+06 0.0135	-06	5715102	3500
7.0	+06 0.0045	-06 7.5	+06 0.0				5715102	3501
							5715	0 3502
							57 0 0	3503
							0 0 0	3504

APPENDIX F

COPYSF 1 FILES FROM FSET21

```

LASL TEMP ENDF TAPE WITH TEMP MATS 57, 58, 59, 69, AND 105. 1 JUL      8
9.22350E+042.33025E+02          0          1          0          48 57 1451 1
0*          0*          1          1          137          -0 57 1451 2
*****
*****
** SAMPLE PROBLEM FOR ETOPR REPORT, U-235 FROM ENDF/R. ** 57 1451 3
** VERSION III WITH GAMMA-RAY PRODUCTION ASEC ADDED. ** 57 1451 4
** PROBLEM ILLUSTRATES EXERCISING ALL LINKS AND OVERLAYS ** 57 1451 5
** OF CODE SYSTEM EXCEPT MF5 OPTION IN TOPFIL AND KLUST. ** 57 1451 6
** ** 57 1451 7
*****
*****
** TEMPERATURE = 1000 DEG K. CROSS SECTIONS IN UNRESOLVED ** 57 1451 8
** RESONANCE REGION GIVEN FOR SIGMA-ZERO=1,100,1000,10000, ** 57 1451 9
** BARNS/ATON PLUS INF. DIL. MF4 THIN TOLERANCE = 3.0 PCT. ** 57 1451 10
*****
*****
* * * * *
* PHOTON PRODUCTION DATA ADDED BY LASL, MAY 1972. DATA BY * 57 1451 11
* STEWART AND HUNTER FROM LA-4918. * 57 1451 12
* DATA BELOW 1.09 MEV GIVEN AS MULTIPLICITIES IN MF = 12 FOR * 57 1451 13
* MT = 4. MT = 18. AND MT = 102. ABOVE 1.09 MEV, DATA GIVEN * 57 1451 14
* IN MF = 13. MT = 3 WHICH INCLUDES ALL REACTIONS. NOTE PHOTON* 57 1451 15
* PRODUCTION DATA GOES UP TO 20 MEV. WHEREAS NEUTRON FILES ARE * 57 1451 16
* ONLY UP TO 15 MEV. * 57 1451 17
* * 57 1451 18
* * 57 1451 19
* * 57 1451 20
* * 57 1451 21
* * 57 1451 22
* * 57 1451 23
* * 57 1451 24
* * 57 1451 25
* * 57 1451 26
* * 57 1451 27
* * 57 1451 28
* * 57 1451 29
* * 57 1451 30
U-235 AI,ANC,WARD EVAL-AUG71 ALTER,DUNFORD(AI),LEONARD(BNW) 57 1451 31
ENDF-161,ENDF-153 DIST-JAN72 PITTERLE,PAIK(WARD),LUBITZ(KAPL) 57 1451 32
* * 57 1451 33
U-235 CSEWG EVAL-SEPT69,LEONARD,ALTER,LUBITZ. RE-EVALUATIONS- 57 1451 34
LEONARD,ALTER,DUNFORD,LUBITZ,PENNINGTON,PITTERLE, AND PAIK. * 57 1451 35
* * 57 1451 36
DATA ADJUSTMENTS BASED ON WORK BY T.A.PITTEKLE AND N.C.PAIK 57 1451 37
(PROC.CONF.NEUTRON CROSS SECTIONS AND TECH., KNO,VILLE, 3/71.) 57 1451 38
DATA MOD.FOR ENERGIES GREATER THAN 64.5 EV 57 1451 39
USE A VALUE OF 1.32 MEV FOR FISSION SPECTRUM FOR FAST REACTORS 57 1451 40
* * 57 1451 41
URANIUM-235 * 57 1451 42
VARIOUS INDIVIDUALS CONTRIBUTED TO THE EVALUATION OF 57 1451 43
THE CROSS SECTIONS FOR THIS MATERIAL 57 1451 44
57 1451 45
B.R..LEONARD (BNW)- CROSS SECTIONS BELOW 1.0 EV 57 1451 46
H.ALTER AND C.L.DUNFORD- CROSS SETIONS ABOVE 15 KEV 57 1451 47
J.P.SMITH- RESOLVED RESONANCE DATA BELOW 82 EV. 57 1451 48
T.A.PITTERLE- UNRESOLVED RESONANCE DATA BELOW 25 KEV. 57 1451 49
* * 57 1451 50
MAT=1157 IS A PARTIAL REVALUATION OF DATA IN MAT 1102 AND 1044. 57 1451 51
THE TOTAL AND ALL PARTIAL CROSS SECTIONS FOR NEUTRON ENERGIES 57 1451 52
BELOW 1.0 EV WERE PROVIDED BY B.R.LEONARD,JK.(UNPUBLISHED MEMO 57 1451 53
TO CSEWG(AUG.1969). 57 1451 54
THE PARTIAL .-SEC WERE OBTAINED BY STARTING WITH DATA GIVEN IN 57 1451 55
MAT=1044 AND MODIFYING THE SHAPE AND MAGNITUDE OF THESE DATA TO 57 1451 56
CONFORM TO THE 2200 M/SEC PARAMETERS (INCLUDING G FACTORS) THAT 57 1451 57

```



WERE OBTAINED DURING THE 1969 IAEA EVALUATION GROUP (SEE- HANNA	57 1451	58
ET AL. ATOMIC ENERGY REVIEW, VOL VII, NO.4, 1969).	57 1451	59
* * * * *	57 1451	60
THE 2200 M/SEC PARAMETERS ARE	57 1451	61
TOTAL = 694.776	57 1451	62
ELASTIC= 15.776	57 1451	63
FISSION= 580.200	57 1451	64
N,GAMMA= 98.300	57 1451	65
NU = 2.423 TOTAL (DELAYED PLUS PROMPT)	57 1451	66
ALPHA = 0.16942	57 1451	67
ETA = 2.07196	57 1451	68
* * * * *	57 1451	69
BELOW 1.0 EV DATA GIVEN IN FILE 3 (SMOOTH .-SEC).	57 1451	70
BETWEEN 1.0 AND 82.0 EV DATA GIVEN AS SLOW RESOLVED RESONANCE	57 1451	71
PARAMETERS PLUS A SMOOTH BACKGROUND GIVEN IN FILE 3.	57 1451	72
BETWEEN 64.5 EV AND 25.0 KEV ALL DATA GIVEN IN FILE 2 (LRF=2,	57 1451	73
ENERGY DEPENDENT REDUCED NEUTRON WIDTHS AND FISSION WIDTHS).	57 1451	74
ABOVE 25.0 KEV ALL DATA GIVEN IN FILE 3.	57 1451	75
* * * * *	57 1451	76
BELOW 0.4 EV FISSION .-SEC BASED ON DATA OF B.R.LEONARD (FROM	57 1451	77
SCISRS TAPE) AND THAT OF C.D.BOWMAN ET AL (UCML-I460). N,GAMMA	57 1451	78
BASED ON ALPHA*FISSION WHERE ALPHA TAKEN FROM GRAPH IN BNL-325	57 1451	79
PAGE 92-235-33 (FOR ENERGIES BETWEEN 0.07 TO 0.4 EV).	57 1451	80
* * * * *	57 1451	81
ABOVE 25 KEV PARTIAL CROSS SECTIONS EVALUATED (AI-AEC-MEMO-12916,	57 1451	82
JAN.1970) MODIFIED BY PITTERLE AND HUBNER.	57 1451	83
* * * * *	57 1451	84
RESOLVED RESONANCE PARAMETERS PLUS FILE 3 CONTRIBUTION DESCRIBE	57 1451	85
THE CROSS SECTIONS BETWEEN 1 AND 82 EV. PARAMETERS ARE FROM A	57 1451	86
SIMULTANEOUS FIT TO TOTAL, FISSION, AND CAPTURE CROSS SECTIONS.	57 1451	87
DATA FIT ARE THOSE OF DESAUSSURE (1), MICHAUDON (2), BLONS (3),	57 1451	88
AND CAO (4). PARAMETERS DERIVED BY J.R. SMITH, AEROMET (IDAHO)	57 1451	89
NUCLEAR CO, AUG 1971.	57 1451	90
REFERENCES	57 1451	91
1. G.DESAUSSURE ET AL. ORNL-TM-1804 (1967)	57 1451	92
2. A.MICHAUDON, CEA-R 2557 (1964)	57 1451	93
3. J.BLONS ET AL. PROC. 2D INT CONF NUCL DATA FOR REACTORS,	57 1451	94
VOL I P.469 (1970)	57 1451	95
4. M.G.CAO ET AL, J.NUCL ENERGY VOL 22 P.211 (1968)	57 1451	96
A POTENTIAL SCATTERING CROSS SECTION OF 11.5 B. WAS USED IN THE	57 1451	97
ANALYSIS	57 1451	98
FILE 3, MT=2, CONTAINS THE DIFFERENCE BETWEEN THE SCATTERING AS	57 1451	99
CALCULATED WITH THE PARAMETERS OF FILE 2, USING THE SINGLE-LEVEL	57 1451	100
FORMULA, AND A MULTI-LEVEL CALCULATION. IN THE MC CALCULATION,	57 1451	101
SIMULATED RESONANCES WERE USED ABOVE AND BELOW THE RESONANCE	57 1451	102
REGION TO COMPENSATE FOR THE INTERFERENCE EFFECTS OF DISTANT	57 1451	103
RESONANCES.	57 1451	104
* * * * *	57 1451	105
UNRESOLVED RESONANCE PARAMETERS WERE OBTAINED BY T.PITTERLE (WARD)	57 1451	106
DOCUMENT AND REFERENCES TO BE PUBLISHED. ENERGY DEPENDENT AVERAGE	57 1451	107
RESONANCE PARAMETERS WERE OBTAINED AND ARE INCLUDED IN FILE 2 AS	57 1451	108
LRU= 2, LRF = 2.	57 1451	109
* * * * *	57 1451	110
ENERGY DEPENDENCE OF NU TAKEN FROM KFK-120 PART-1	57 1451	111
SIMPLE FISSION SPECTRUM USED T= 1.30 MEV AT THERMAL	57 1451	112
T(E) FROM FORMULA BY TERRELL $3/2 * T(E) = 0.75 * 0.65 (NU(E) + 1.0) ** .5$	57 1451	113
* * * * *	57 1451	114
FISSION PRODUCT YIELD DATA FROM RECOMMENDED VALUES OF M.E.MEEK	57 1451	115
AND R.F.RIDER, APED-5398-A, REVISED (OCT.1968)	57 1451	116
YIELDS NORMALIZED FOR A SUM = 2.0000	57 1451	117
* * * * *	57 1451	118
ANGULAR DISTRIBUTIONS FOR ELASTIC SCATTERING FROM EVAL. BY (AI)	57 1451	119
MT=251,252,253 CALC. FROM ANG. DISTR DATA	57 1451	120
ANG. DISTR. OF NEUTRONS FROM INELASTIC SCAT ASSUMED TO BE	57 1451	121
ISOTROPIC IN C.M. SYSTEM	57 1451	122
* * * * *	57 1451	123
INFINITE DILUTION RESONANCE INTEGRALS (ABOVE 0.5 EV)	57 1451	124
FISSION=	57 1451	125
N,GAMMA=	57 1451	126
ELASTIC=	57 1451	127

```

*          *          *          *          *          *          *          *
INELASTIC LEVEL CROSS SECTION FROM EVAL. BY PARKER (AWRE 0-82/63) 57 1451 128
*          *          *          *          *          *          *          *
*          *          *          *          *          *          *          *
-----
*          *          *          *          *          *          *          *
OUTPUT FROM THE LAST SEGMENT OF ETOPL IN ENDF FORMAT
PREPARED FOR ENDF/R MATERIAL 57 FROM A MODE 3 TAPE.
CRITERIA FOR LINEAR FIT OF ENDF/B DATA * .10000E-01
CRITERIA FOR THINNING = .10000E-04
*          *          *          *          *          *          *          *
-0          -0          1          451          187          -0          57 1451 140
-0          -0          1          452          5          -0          57 1451 141
-0          -0          1          453          11          -0          57 1451 142
-0          -0          1          454          370          -0          57 1451 143
-0          -0          2          151          4          -0          57 1451 144
-0          -0          3          1          822          -0          57 1451 145
-0          -0          3          2          822          -0          57 1451 146
-0          -0          3          4          114          -0          57 1451 147
-0          -0          3          16          21          -0          57 1451 148
-0          -0          3          17          6          -0          57 1451 149
-0          -0          3          18          822          -0          57 1451 150
-0          -0          3          51          114          -0          57 1451 151
-0          -0          3          52          91          -0          57 1451 152
-0          -0          3          53          69          -0          57 1451 153
-0          -0          3          54          61          -0          57 1451 154
-0          -0          3          55          59          -0          57 1451 155
-0          -0          3          56          59          -0          57 1451 156
-0          -0          3          57          56          -0          57 1451 157
-0          -0          3          58          55          -0          57 1451 158
-0          -0          3          59          52          -0          57 1451 159
-0          -0          3          60          47          -0          57 1451 160
-0          -0          3          91          39          -0          57 1451 161
-0          -0          3          102          822          -0          57 1451 162
-0          -0          3          251          16          -0          57 1451 163
-0          -0          3          252          16          -0          57 1451 164
-0          -0          3          253          16          -0          57 1451 165
-0          -0          4          2          462          -0          57 1451 166
-0          -0          4          16          10          -0          57 1451 167
-0          -0          4          17          10          -0          57 1451 168
-0          -0          4          18          10          -0          57 1451 169
-0          -0          4          51          10          -0          57 1451 170
-0          -0          4          52          10          -0          57 1451 171
-0          -0          4          53          10          -0          57 1451 172
-0          -0          4          54          10          -0          57 1451 173
-0          -0          4          55          10          -0          57 1451 174
-0          -0          4          56          10          -0          57 1451 175
-0          -0          4          57          10          -0          57 1451 176
-0          -0          4          58          10          -0          57 1451 177
-0          -0          4          59          10          -0          57 1451 178
-0          -0          4          60          10          -0          57 1451 179
-0          -0          4          91          10          -0          57 1451 180
-0          -0          5          16          13          -0          57 1451 181
-0          -0          5          17          9          -0          57 1451 182
-0          -0          5          18          7          -0          57 1451 183
-0          -0          5          91          7          -0          57 1451 184
-0          -0          13          3          822          -0          57 1451 185
-0          -0          14          3          1          -0          57 1451 186
-0          -0          15          3          706          -0          57 1451 187
          57 1 0 188
9.22350+ 4 2.33025+ 2          0          2          0          0          57 1452 189
0.00000+ 0 0.00000+ 0          0          0          1          6          57 1452 190
          6          2          57 1452 191
1.00000- 5 2.42300+ 0 2.50000+ 6 2.69500+ 0 3.00000+ 6 2.73700+ 0 57 1452 192
4.00000+ 6 2.92710+ 0 8.00000+ 6 3.65760+ 0 1.50000+ 7 4.52920+ 0 57 1452 193
          57 1 0 194
9.22350+ 4 2.33025+ 2          0          0          1          0          57 1453 195
9.22350+ 4 2.33025+ 2          0          0          2          4          57 1453 196
1.00000- 5 2.00000+ 7          0          0          57 1453 197
4.67990+ 6 0.00000+ 0          0          0          5          0          57 1453 198

```

0.00000+	0	9.02310+	4	3.08130-17	1.00000+	n	1.00000+	0			57	1453	199	
0.00000+	0	-5.23000+	6			n		5		0	57	1453	200	
1.60000+	1	9.22340+	4	8.85890-14	1.00000+	n	1.00000+	0			57	1453	201	
0.00000+	0	-1.18500+	7			n		5		0	57	1453	202	
1.70000+	1	9.22330+	4	1.61540-13	1.00000+	n	1.00000+	0			57	1453	203	
0.00000+	0	6.54510+	6			n		5		0	57	1453	204	
1.02000+	2	9.22360+	4	9.19250-16	1.00000+	0	1.00000+	0			57	1453	205	
											57	1	206	
9.22350+	4	2.33025+	2			3		0		0	57	1454	207	
1.00000-	5	0.00000+	0			2		732		244	57	1454	208	
3.00720+	4	0.00000+	0	1.59540-	7	3.00730+	4	0.00000+	0	1.09690-	6	57	1454	209
3.10740+	4	0.00000+	0	3.49000-	6	3.10750+	4	0.00000+	0	1.19660-	5	57	1454	210
3.10760+	4	0.00000+	0	3.49000-	5	3.10770+	4	0.00000+	0	4.78630-	5	57	1454	211
3.20750+	4	0.00000+	0	0.00000+	0	3.20760+	4	0.00000+	0	0.00000+	0	57	1454	212
3.20770+	4	0.00000+	0	3.49000-	5	3.20780+	4	0.00000+	0	1.99430-	4	57	1454	213
3.30750+	4	0.00000+	0	0.00000+	0	3.30770+	4	0.00000+	0	0.00000+	0	57	1454	214
3.30780+	4	0.00000+	0	0.00000+	0	3.30790+	4	0.00000+	0	5.58400-	4	57	1454	215
3.30800+	4	0.00000+	0	9.37310-	4	3.30810+	4	0.00000+	0	1.79490-	3	57	1454	216
3.40810+	4	0.00000+	0	0.00000+	0	3.40820+	4	0.00000+	0	2.39310-	3	57	1454	217
3.40830+	4	0.00000+	0	5.18510-	3	3.40840+	4	0.00000+	0	9.27340-	3	57	1454	218
3.40850+	4	0.00000+	0	1.09690-	2	3.50800+	4	0.00000+	0	9.97140-	8	57	1454	219
3.50820+	4	0.00000+	0	3.98840-	7	3.50830+	4	0.00000+	0	0.00000+	0	57	1454	220
3.50840+	4	0.00000+	0	1.89440-	4	3.50850+	4	0.00000+	0	1.99430-	3	57	1454	221
3.60840+	4	0.00000+	0	2.09400-	4	3.60850+	4	0.00000+	0	0.00000+	0	57	1454	222
3.60860+	4	0.00000+	0	1.88440-	2	3.60870+	4	0.00000+	0	2.52280-	2	57	1454	223
3.60880+	4	0.00000+	0	3.54990-	2	3.60890+	4	0.00000+	0	4.57690-	2	57	1454	224
3.60900+	4	0.00000+	0	4.98570-	2	3.60910+	4	0.00000+	0	3.44010-	2	57	1454	225
3.60920+	4	0.00000+	0	1.86470-	2	3.60930+	4	0.00000+	0	4.78630-	3	57	1454	226
3.60940+	4	0.00000+	0	9.97140-	4	3.60950+	4	0.00000+	0	6.98000-	5	57	1454	227
3.60970+	4	0.00000+	0	5.98280-	7	3.70880+	4	0.00000+	0	2.59260-	7	57	1454	228
3.70870+	4	0.00000+	0	0.00000+	0	3.70880+	4	0.00000+	0	1.99430-	4	57	1454	229
3.70890+	4	0.00000+	0	1.69510-	3	3.70900+	4	0.00000+	0	8.07680-	3	57	1454	230
3.70910+	4	0.00000+	0	1.97430-	2	3.70920+	4	0.00000+	0	2.62250-	2	57	1454	231
3.70930+	4	0.00000+	0	3.11110-	2	3.70940+	4	0.00000+	0	1.89460-	2	57	1454	232
3.70950+	4	0.00000+	0	6.71090-	3	3.70970+	4	0.00000+	0	9.37310-	6	57	1454	233
3.80900+	4	0.00000+	0	1.99430-	4	3.80910+	4	0.00000+	0	3.78910-	3	57	1454	234
3.80920+	4	0.00000+	0	7.97710-	3	3.80930+	4	0.00000+	0	2.29340-	2	57	1454	235
3.80940+	4	0.00000+	0	2.59260-	2	3.80950+	4	0.00000+	0	3.31050-	2	57	1454	236
3.80970+	4	0.00000+	0	6.07260-	3	3.90910+	4	0.00000+	0	8.97430-	4	57	1454	237
3.90920+	4	0.00000+	0	5.98280-	3	3.90930+	4	0.00000+	0	1.99430-	3	57	1454	238
3.90940+	4	0.00000+	0	7.97710-	3	3.90950+	4	0.00000+	0	2.09400-	2	57	1454	239
3.90960+	4	0.00000+	0	5.48370-	2	3.90970+	4	0.00000+	0	3.87890-	2	57	1454	240
4.00920+	4	0.00000+	0	7.97710-	4	4.00930+	4	0.00000+	0	2.89170-	3	57	1454	241
4.00940+	4	0.00000+	0	1.03700-	2	4.00950+	4	0.00000+	0	9.97140-	4	57	1454	242
4.00960+	4	0.00000+	0	5.88310-	3	4.00970+	4	0.00000+	0	1.39600-	2	57	1454	243
4.00980+	4	0.00000+	0	5.48430-	2	4.00990+	4	0.00000+	0	4.78630-	2	57	1454	244
4.10950+	4	0.00000+	0	2.09400-	3	4.10960+	4	0.00000+	0	5.88310-	6	57	1454	245
4.10970+	4	0.00000+	0	2.99140-	3	4.10980+	4	0.00000+	0	3.58970-	3	57	1454	246
4.10990+	4	0.00000+	0	9.97140-	3	4.11000+	4	0.00000+	0	6.18230-	2	57	1454	247
4.11010+	4	0.00000+	0	4.48710-	2	4.20970+	4	0.00000+	0	9.97140-	5	57	1454	248
4.20990+	4	0.00000+	0	3.58970-	3	4.21000+	4	0.00000+	0	2.39310-	3	57	1454	249
4.21010+	4	0.00000+	0	4.98570-	3	4.21020+	4	0.00000+	0	4.15810-	2	57	1454	250
4.21030+	4	0.00000+	0	2.99140-	2	4.21040+	4	0.00000+	0	1.67520-	2	57	1454	251
4.21050+	4	0.00000+	0	8.97430-	3	4.31000+	4	0.00000+	0	1.89460-	5	57	1454	252
4.31010+	4	0.00000+	0	1.99430-	4	4.31020+	4	0.00000+	0	0.00000+	0	57	1454	253
4.31030+	4	0.00000+	0	0.00000+	0	4.31040+	4	0.00000+	0	1.29630-	3	57	1454	254
4.31050+	4	0.00000+	0	0.00000+	0	4.31060+	4	0.00000+	0	3.88880-	3	57	1454	255
4.31070+	4	0.00000+	0	1.79490-	3	4.31080+	4	0.00000+	0	5.58400-	4	57	1454	256
4.41040+	4	0.00000+	0	0.00000+	0	4.41050+	4	0.00000+	0	0.00000+	0	57	1454	257
4.41060+	4	0.00000+	0	8.97430-	5	4.41070+	4	0.00000+	0	9.97140-	5	57	1454	258
4.41080+	4	0.00000+	0	1.39600-	4	4.51020+	4	0.00000+	0	7.97710-	9	57	1454	259
4.51090+	4	0.00000+	0	2.99140-	4	4.51100+	4	0.00000+	0	1.79490-	4	57	1454	260
4.51110+	4	0.00000+	0	1.89440-	4	4.61110+	4	0.00000+	0	0.00000+	0	57	1454	261
4.61120+	4	0.00000+	0	9.97140-	5	4.61130+	4	0.00000+	0	1.59540-	4	57	1454	262
4.61140+	4	0.00000+	0	1.39600-	4	4.61150+	4	0.00000+	0	9.27340-	5	57	1454	263
4.61160+	4	0.00000+	0	1.59540-	4	4.61170+	4	0.00000+	0	7.57830-	5	57	1454	264
4.71110+	4	0.00000+	0	0.00000+	0	4.71120+	4	0.00000+	0	0.00000+	0	57	1454	265
4.71150+	4	0.00000+	0	1.09690-	5	4.71160+	4	0.00000+	0	1.99430-	5	57	1454	266
4.71170+	4	0.00000+	0	3.39030-	5	4.71180+	4	0.00000+	0	1.39600-	4	57	1454	267
4.81160+	4	0.00000+	0	0.00000+	0	4.81170+	4	0.00000+	0	0.00000+	0	57	1454	268
4.81180+	4	0.00000+	0	0.00000+	0	4.81190+	4	0.00000+	0	1.39600-	4	57	1454	269

4.81200+	4	0.00000+	0	1.29630-	4	4.81210+	4	0.00000+	0	1.29630-	4	57	1454	270
4.91200+	4	0.00000+	0	9.97140-	6	4.91210+	4	0.00000+	0	9.97140-	6	57	1454	271
4.91230+	4	0.00000+	0	1.59540-	4	5.01210+	4	0.00000+	0	0.00000+	0	57	1454	272
5.01220+	4	0.00000+	0	1.49570-	4	5.01230+	4	0.00000+	0	0.00000+	0	57	1454	273
5.01240+	4	0.00000+	0	1.79490-	4	5.01250+	4	0.00000+	0	1.93450-	4	57	1454	274
5.01260+	4	0.00000+	0	3.09110-	4	5.01270+	4	0.00000+	0	1.09690-	3	57	1454	275
5.01280+	4	0.00000+	0	3.68940-	3	5.01290+	4	0.00000+	0	4.48710-	3	57	1454	276
5.01300+	4	0.00000+	0	1.09690-	2	5.01310+	4	0.00000+	0	1.27630-	2	57	1454	277
5.01320+	4	0.00000+	0	5.88310-	3	5.01330+	4	0.00000+	0	1.49570-	4	57	1454	278
5.11240+	4	0.00000+	0	1.99430-	7	5.11250+	4	0.00000+	0	1.59540-	5	57	1454	279
5.11260+	4	0.00000+	0	9.97140-	6	5.11270+	4	0.00000+	0	2.69230-	4	57	1454	280
5.11280+	4	0.00000+	0	8.97430-	4	5.11290+	4	0.00000+	0	5.48430-	3	57	1454	281
5.11300+	4	0.00000+	0	8.97430-	3	5.11310+	4	0.00000+	0	1.41590-	2	57	1454	282
5.11320+	4	0.00000+	0	2.75210-	2	5.11330+	4	0.00000+	0	3.37530-	2	57	1454	283
5.11340+	4	0.00000+	0	3.19090-	3	5.11350+	4	0.00000+	0	7.47860-	3	57	1454	284
5.21270+	4	0.00000+	0	0.00000+	0	5.21280+	4	0.00000+	0	0.00000+	0	57	1454	285
5.21290+	4	0.00000+	0	0.00000+	0	5.21300+	4	0.00000+	0	9.97140-	4	57	1454	286
5.21310+	4	0.00000+	0	2.02420-	3	5.21320+	4	0.00000+	0	9.07400-	3	57	1454	287
5.21330+	4	0.00000+	0	3.28060-	2	5.21340+	4	0.00000+	0	6.56120-	2	57	1454	288
5.21350+	4	0.00000+	0	2.64240-	2	5.31280+	4	0.00000+	0	3.78910-	7	57	1454	289
5.31290+	4	0.00000+	0	0.00000+	0	5.31300+	4	0.00000+	0	1.16670-	5	57	1454	290
5.31310+	4	0.00000+	0	6.98000-	5	5.31320+	4	0.00000+	0	0.00000+	0	57	1454	291
5.31330+	4	0.00000+	0	0.00000+	0	5.31340+	4	0.00000+	0	8.97430-	3	57	1454	292
5.31350+	4	0.00000+	0	2.76210-	2	5.41340+	4	0.00000+	0	0.00000+	0	57	1454	293
5.41350+	4	0.00000+	0	1.29630-	3	5.41350+	4	0.00000+	0	6.44150-	2	57	1454	294
5.41370+	4	0.00000+	0	5.98280-	2	5.41380+	4	0.00000+	0	5.88310-	2	57	1454	295
5.41390+	4	0.00000+	0	5.38460-	2	5.41400+	4	0.00000+	0	3.78910-	2	57	1454	296
5.41410+	4	0.00000+	0	1.32620-	2	5.41420+	4	0.00000+	0	3.49000-	3	57	1454	297
5.41430+	4	0.00000+	0	5.08540-	4	5.41440+	4	0.00000+	0	5.98280-	5	57	1454	298
5.51350+	4	0.00000+	0	1.29630-	3	5.51350+	4	0.00000+	0	5.98280-	5	57	1454	299
5.51370+	4	0.00000+	0	1.99430-	3	5.51380+	4	0.00000+	0	7.97710-	3	57	1454	300
5.51390+	4	0.00000+	0	1.06690-	2	5.51400+	4	0.00000+	0	2.09400-	2	57	1454	301
5.51410+	4	0.00000+	0	3.26070-	2	5.51420+	4	0.00000+	0	2.94160-	2	57	1454	302
5.51430+	4	0.00000+	0	1.54460-	2	5.51440+	4	0.00000+	0	4.92590-	3	57	1454	303
5.61360+	4	0.00000+	0	0.00000+	0	5.61370+	4	0.00000+	0	0.00000+	0	57	1454	304
5.61380+	4	0.00000+	0	9.97140-	5	5.61390+	4	0.00000+	0	9.97140-	5	57	1454	305
5.61400+	4	0.00000+	0	3.98860-	3	5.61410+	4	0.00000+	0	1.49570-	2	57	1454	306
5.61420+	4	0.00000+	0	2.48290-	2	5.61430+	4	0.00000+	0	3.58970-	2	57	1454	307
5.61440+	4	0.00000+	0	3.68940-	2	5.71400+	4	0.00000+	0	3.98860-	4	57	1454	308
5.71410+	4	0.00000+	0	0.00000+	0	5.71420+	4	0.00000+	0	4.98570-	4	57	1454	309
5.71430+	4	0.00000+	0	6.78060-	3	5.71440+	4	0.00000+	0	9.97140-	3	57	1454	310
5.81420+	4	0.00000+	0	5.98280-	4	5.81430+	4	0.00000+	0	2.99140-	4	57	1454	311
5.81440+	4	0.00000+	0	1.99430-	3	5.81450+	4	0.00000+	0	3.86890-	2	57	1454	312
5.81460+	4	0.00000+	0	2.87180-	2	5.81470+	4	0.00000+	0	1.99430-	2	57	1454	313
5.81480+	4	0.00000+	0	1.29630-	2	5.91470+	4	0.00000+	0	1.99430-	4	57	1454	314
5.91460+	4	0.00000+	0	6.98000-	4	5.91470+	4	0.00000+	0	1.89460-	3	57	1454	315
5.91480+	4	0.00000+	0	3.49000-	3	6.01480+	4	0.00000+	0	1.99430-	4	57	1454	316
6.01490+	4	0.00000+	0	1.03700-	2	6.01500+	4	0.00000+	0	6.48140-	3	57	1454	317
6.01510+	4	0.00000+	0	4.18800-	3	6.11480+	4	0.00000+	0	1.99430-	6	57	1454	318
6.11490+	4	0.00000+	0	0.00000+	0	6.11500+	4	0.00000+	0	1.39600-	5	57	1454	319
6.11510+	4	0.00000+	0	9.97140-	5	6.11520+	4	0.00000+	0	2.39310-	3	57	1454	320
6.11540+	4	0.00000+	0	5.98280-	4	6.21520+	4	0.00000+	0	0.00000+	0	57	1454	321
6.21530+	4	0.00000+	0	1.57550-	3	6.21540+	4	0.00000+	0	3.98860-	5	57	1454	322
6.21550+	4	0.00000+	0	3.09110-	4	6.21560+	4	0.00000+	0	1.29630-	4	57	1454	323
6.21570+	4	0.00000+	0	5.68370-	5	6.31540+	4	0.00000+	0	5.98280-	7	57	1454	324
6.31550+	4	0.00000+	0	0.00000+	0	6.31560+	4	0.00000+	0	3.98860-	6	57	1454	325
6.31570+	4	0.00000+	0	8.97430-	6	6.31580+	4	0.00000+	0	3.68940-	5	57	1454	326
6.31590+	4	0.00000+	0	1.04700-	5	6.31600+	4	0.00000+	0	2.49290-	6	57	1454	327
6.41580+	4	0.00000+	0	0.00000+	0	6.41590+	4	0.00000+	0	0.00000+	0	57	1454	328
6.41600+	4	0.00000+	0	7.97710-	7	6.41610+	4	0.00000+	0	7.77770-	7	57	1454	329
6.51600+	4	0.00000+	0	2.99140-	8	6.51610+	4	0.00000+	0	3.98860-	8	57	1454	330
1.95000+	6	0.00000+	0		2		0		732		244	57	1454	331
3.00720+	4	0.00000+	0	0.00000+	0	3.00730+	4	0.00000+	0	0.00000+	0	57	1454	332
3.10740+	4	0.00000+	0	1.43090-	5	3.10750+	4	0.00000+	0	1.75220-	4	57	1454	333
3.10760+	4	0.00000+	0	2.72560-	4	3.10770+	4	0.00000+	0	4.08840-	4	57	1454	334
3.20750+	4	0.00000+	0	0.00000+	0	3.20760+	4	0.00000+	0	1.94690-	5	57	1454	335
3.20770+	4	0.00000+	0	5.84060-	5	3.20780+	4	0.00000+	0	7.20340-	4	57	1454	336
3.30750+	4	0.00000+	0	0.00000+	0	3.30770+	4	0.00000+	0	0.00000+	0	57	1454	337
3.30780+	4	0.00000+	0	1.94690-	5	3.30790+	4	0.00000+	0	1.16810-	3	57	1454	338
3.30800+	4	0.00000+	0	1.84950-	3	3.30810+	4	0.00000+	0	2.92030-	3	57	1454	339
3.40810+	4	0.00000+	0	9.73430-	5	3.40820+	4	0.00000+	0	4.18570-	3	57	1454	340

3.40830+	4	0.00000+	0	5.64590-	3	3.40840+	4	0.00000+	0	1.01240-	2	57	1454	341
3.40850+	4	0.00000+	0	1.15840-	2	3.50800+	4	0.00000+	0	0.00000+	0	57	1454	342
3.50820+	4	0.00000+	0	0.00000+	0	3.50830+	4	0.00000+	0	3.40700-	4	57	1454	343
3.50840+	4	0.00000+	0	2.92730-	4	3.50850+	4	0.00000+	0	2.82290-	3	57	1454	344
3.60840+	4	0.00000+	0	0.00000+	0	3.60850+	4	0.00000+	0	9.73430-	5	57	1454	345
3.60860+	4	0.00000+	0	1.87870-	2	3.60870+	4	0.00000+	0	2.58930-	2	57	1454	346
3.60880+	4	0.00000+	0	3.40700-	2	3.60890+	4	0.00000+	0	4.47780-	2	57	1454	347
3.60900+	4	0.00000+	0	4.18570-	2	3.60910+	4	0.00000+	0	3.50430-	2	57	1454	348
3.60920+	4	0.00000+	0	2.72560-	2	3.60930+	4	0.00000+	0	1.75220-	2	57	1454	349
3.60940+	4	0.00000+	0	8.46880-	3	3.60950+	4	0.00000+	0	4.18570-	3	57	1454	350
3.60970+	4	0.00000+	0	0.00000+	0	3.70890+	4	0.00000+	0	0.00000+	0	57	1454	351
3.70870+	4	0.00000+	0	0.00000+	0	3.70880+	4	0.00000+	0	1.26550-	3	57	1454	352
3.70890+	4	0.00000+	0	3.89370-	3	3.70900+	4	0.00000+	0	8.76080-	3	57	1454	353
3.70910+	4	0.00000+	0	1.65480-	2	3.70920+	4	0.00000+	0	2.33620-	2	57	1454	354
3.70930+	4	0.00000+	0	2.82290-	2	3.70940+	4	0.00000+	0	2.65750-	2	57	1454	355
3.70950+	4	0.00000+	0	2.20970-	2	3.70970+	4	0.00000+	0	6.61930-	3	57	1454	356
3.80900+	4	0.00000+	0	3.89370-	4	3.80910+	4	0.00000+	0	1.94690-	3	57	1454	357
3.80920+	4	0.00000+	0	5.84060-	3	3.80930+	4	0.00000+	0	1.26550-	2	57	1454	358
3.80940+	4	0.00000+	0	2.14150-	2	3.80950+	4	0.00000+	0	2.82290-	2	57	1454	359
3.80970+	4	0.00000+	0	2.64770-	2	3.90910+	4	0.00000+	0	0.00000+	0	57	1454	360
3.90920+	4	0.00000+	0	0.00000+	0	3.90930+	4	0.00000+	0	9.73430-	4	57	1454	361
3.90940+	4	0.00000+	0	3.89370-	3	3.90950+	4	0.00000+	0	1.07080-	2	57	1454	362
3.90960+	4	0.00000+	0	5.93790-	2	3.90970+	4	0.00000+	0	2.62830-	2	57	1454	363
4.00920+	4	0.00000+	0	0.00000+	0	4.00930+	4	0.00000+	0	0.00000+	0	57	1454	364
4.00940+	4	0.00000+	0	0.00000+	0	4.00950+	4	0.00000+	0	0.00000+	0	57	1454	365
4.00960+	4	0.00000+	0	2.92030-	3	4.00970+	4	0.00000+	0	6.52200-	3	57	1454	366
4.00980+	4	0.00000+	0	5.54850-	2	4.00990+	4	0.00000+	0	4.76980-	2	57	1454	367
4.10950+	4	0.00000+	0	0.00000+	0	4.10960+	4	0.00000+	0	0.00000+	0	57	1454	368
4.10970+	4	0.00000+	0	0.00000+	0	4.10980+	4	0.00000+	0	3.89370-	3	57	1454	369
4.10990+	4	0.00000+	0	9.73430-	3	4.11000+	4	0.00000+	0	5.35380-	2	57	1454	370
4.11010+	4	0.00000+	0	4.47780-	2	4.20970+	4	0.00000+	0	0.00000+	0	57	1454	371
4.20990+	4	0.00000+	0	0.00000+	0	4.21000+	4	0.00000+	0	0.00000+	0	57	1454	372
4.21010+	4	0.00000+	0	7.78740-	3	4.21020+	4	0.00000+	0	4.38040-	2	57	1454	373
4.21030+	4	0.00000+	0	3.11500-	2	4.21040+	4	0.00000+	0	1.83980-	2	57	1454	374
4.21050+	4	0.00000+	0	1.26550-	2	4.31000+	4	0.00000+	0	0.00000+	0	57	1454	375
4.31010+	4	0.00000+	0	5.84060-	4	4.31020+	4	0.00000+	0	1.46010-	3	57	1454	376
4.31030+	4	0.00000+	0	2.92030-	3	4.31040+	4	0.00000+	0	4.28310-	3	57	1454	377
4.31050+	4	0.00000+	0	1.94690-	3	4.31060+	4	0.00000+	0	8.95550-	3	57	1454	378
4.31070+	4	0.00000+	0	3.30970-	3	4.31080+	4	0.00000+	0	2.14150-	3	57	1454	379
4.41040+	4	0.00000+	0	1.94690-	4	4.41050+	4	0.00000+	0	0.00000+	0	57	1454	380
4.41060+	4	0.00000+	0	4.86710-	4	4.41070+	4	0.00000+	0	1.94690-	4	57	1454	381
4.41080+	4	0.00000+	0	1.94690-	4	4.51020+	4	0.00000+	0	0.00000+	0	57	1454	382
4.51090+	4	0.00000+	0	1.42120-	3	4.51100+	4	0.00000+	0	1.07080-	3	57	1454	383
4.51110+	4	0.00000+	0	4.47780-	4	4.61110+	4	0.00000+	0	0.00000+	0	57	1454	384
4.61120+	4	0.00000+	0	3.89370-	4	4.61130+	4	0.00000+	0	3.32910-	4	57	1454	385
4.61140+	4	0.00000+	0	3.29020-	4	4.61150+	4	0.00000+	0	3.01760-	4	57	1454	386
4.61160+	4	0.00000+	0	2.96900-	4	4.61170+	4	0.00000+	0	2.53090-	4	57	1454	387
4.71110+	4	0.00000+	0	0.00000+	0	4.71140+	4	0.00000+	0	3.89370-	6	57	1454	388
4.71150+	4	0.00000+	0	2.92030-	5	4.71160+	4	0.00000+	0	5.15920-	5	57	1454	389
4.71170+	4	0.00000+	0	9.73430-	5	4.71180+	4	0.00000+	0	3.40700-	4	57	1454	390
4.81160+	4	0.00000+	0	9.73430-	7	4.81170+	4	0.00000+	0	1.94690-	5	57	1454	391
4.81180+	4	0.00000+	0	4.86710-	5	4.81190+	4	0.00000+	0	3.69900-	4	57	1454	392
4.81200+	4	0.00000+	0	3.60170-	4	4.81210+	4	0.00000+	0	3.40700-	4	57	1454	393
4.91200+	4	0.00000+	0	1.94690-	5	4.91210+	4	0.00000+	0	4.86710-	5	57	1454	394
4.91230+	4	0.00000+	0	8.37150-	4	5.01210+	4	0.00000+	0	9.73430-	6	57	1454	395
5.01220+	4	0.00000+	0	6.03520-	4	5.01230+	4	0.00000+	0	7.78740-	5	57	1454	396
5.01240+	4	0.00000+	0	1.26550-	3	5.01250+	4	0.00000+	0	7.59270-	4	57	1454	397
5.01260+	4	0.00000+	0	2.92030-	3	5.01270+	4	0.00000+	0	3.30970-	3	57	1454	398
5.01280+	4	0.00000+	0	5.06180-	3	5.01290+	4	0.00000+	0	7.00870-	3	57	1454	399
5.01300+	4	0.00000+	0	8.46880-	3	5.01310+	4	0.00000+	0	1.20700-	2	57	1454	400
5.01320+	4	0.00000+	0	9.73430-	3	5.01330+	4	0.00000+	0	6.81400-	3	57	1454	401
5.11240+	4	0.00000+	0	1.26550-	5	5.11250+	4	0.00000+	0	1.28490-	3	57	1454	402
5.11260+	4	0.00000+	0	3.89370-	4	5.11270+	4	0.00000+	0	1.16810-	3	57	1454	403
5.11280+	4	0.00000+	0	1.65480-	3	5.11290+	4	0.00000+	0	4.67240-	3	57	1454	404
5.11300+	4	0.00000+	0	9.05290-	3	5.11310+	4	0.00000+	0	1.36280-	2	57	1454	405
5.11320+	4	0.00000+	0	2.23890-	2	5.11330+	4	0.00000+	0	2.62830-	2	57	1454	406
5.11340+	4	0.00000+	0	1.55750-	2	5.11350+	4	0.00000+	0	7.00870-	3	57	1454	407
5.21270+	4	0.00000+	0	9.73430-	5	5.21280+	4	0.00000+	0	1.94690-	4	57	1454	408
5.21290+	4	0.00000+	0	9.73430-	4	5.21300+	4	0.00000+	0	2.92030-	3	57	1454	409
5.21310+	4	0.00000+	0	4.86710-	3	5.21320+	4	0.00000+	0	1.55750-	2	57	1454	410
5.21330+	4	0.00000+	0	3.20260-	2	5.21340+	4	0.00000+	0	3.21230-	2	57	1454	411

5.21350+	4	0.00000+	0	2.60880-	2	5.31280+	4	0.00000+	0	0.00000+	0	57	1454	412
5.31290+	4	0.00000+	0	0.00000+	0	5.31300+	4	0.00000+	0	5.84060-	5	57	1454	413
5.31310+	4	0.00000+	0	9.73430-	5	5.31320+	4	0.00000+	0	0.00000+	0	57	1454	414
5.31330+	4	0.00000+	0	0.00000+	0	5.31340+	4	0.00000+	0	1.84950-	2	57	1454	415
5.31350+	4	0.00000+	0	2.53090-	2	5.41340+	4	0.00000+	0	2.82290-	3	57	1454	416
5.41350+	4	0.00000+	0	4.86710-	3	5.41360+	4	0.00000+	0	5.77240-	2	57	1454	417
5.41370+	4	0.00000+	0	5.25650-	2	5.41380+	4	0.00000+	0	4.67240-	2	57	1454	418
5.41390+	4	0.00000+	0	3.21230-	2	5.41400+	4	0.00000+	0	2.04420-	2	57	1454	419
5.41410+	4	0.00000+	0	1.16810-	2	5.41420+	4	0.00000+	0	5.06180-	3	57	1454	420
5.41430+	4	0.00000+	0	1.75220-	3	5.41440+	4	0.00000+	0	1.16810-	4	57	1454	421
5.51350+	4	0.00000+	0	3.89370-	4	5.51360+	4	0.00000+	0	3.60170-	3	57	1454	422
5.51370+	4	0.00000+	0	8.27410-	3	5.51380+	4	0.00000+	0	1.60620-	2	57	1454	423
5.51390+	4	0.00000+	0	2.23890-	2	5.51400+	4	0.00000+	0	2.53090-	2	57	1454	424
5.51410+	4	0.00000+	0	2.82290-	2	5.51420+	4	0.00000+	0	2.21940-	2	57	1454	425
5.51430+	4	0.00000+	0	1.38230-	2	5.51440+	4	0.00000+	0	6.98920-	3	57	1454	426
5.61360+	4	0.00000+	0	0.00000+	0	5.61370+	4	0.00000+	0	0.00000+	0	57	1454	427
5.61380+	4	0.00000+	0	1.46010-	3	5.61390+	4	0.00000+	0	4.86710-	3	57	1454	428
5.61400+	4	0.00000+	0	9.73430-	3	5.61410+	4	0.00000+	0	1.84950-	2	57	1454	429
5.61420+	4	0.00000+	0	2.33620-	2	5.61430+	4	0.00000+	0	2.62830-	2	57	1454	430
5.61440+	4	0.00000+	0	2.20970-	2	5.71400+	4	0.00000+	0	0.00000+	0	57	1454	431
5.71410+	4	0.00000+	0	2.92030-	3	5.71420+	4	0.00000+	0	6.03520-	3	57	1454	432
5.71430+	4	0.00000+	0	1.36280-	2	5.71440+	4	0.00000+	0	1.75220-	2	57	1454	433
5.81420+	4	0.00000+	0	0.00000+	0	5.81430+	4	0.00000+	0	9.73430-	4	57	1454	434
5.81440+	4	0.00000+	0	3.40700-	3	5.81450+	4	0.00000+	0	3.73800-	2	57	1454	435
5.81460+	4	0.00000+	0	2.82290-	2	5.81470+	4	0.00000+	0	2.04420-	2	57	1454	436
5.81480+	4	0.00000+	0	1.36280-	2	5.91400+	4	0.00000+	0	9.73430-	5	57	1454	437
5.91460+	4	0.00000+	0	9.73430-	4	5.91470+	4	0.00000+	0	1.94690-	3	57	1454	438
5.91480+	4	0.00000+	0	3.21230-	3	6.01480+	4	0.00000+	0	1.94690-	4	57	1454	439
6.01490+	4	0.00000+	0	1.11940-	2	6.01500+	4	0.00000+	0	8.09890-	3	57	1454	440
6.01510+	4	0.00000+	0	3.79640-	3	6.11480+	4	0.00000+	0	0.00000+	0	57	1454	441
6.11490+	4	0.00000+	0	9.73430-	5	6.11500+	4	0.00000+	0	3.69900-	4	57	1454	442
6.11510+	4	0.00000+	0	4.67240-	4	6.11520+	4	0.00000+	0	2.97870-	3	57	1454	443
6.11540+	4	0.00000+	0	8.66350-	4	6.21520+	4	0.00000+	0	2.92030-	5	57	1454	444
6.21530+	4	0.00000+	0	2.04420-	3	6.21540+	4	0.00000+	0	8.76080-	5	57	1454	445
6.21550+	4	0.00000+	0	6.91130-	4	6.21560+	4	0.00000+	0	2.33620-	4	57	1454	446
6.21570+	4	0.00000+	0	1.46010-	4	6.31540+	4	0.00000+	0	0.00000+	0	57	1454	447
6.31550+	4	0.00000+	0	0.00000+	0	6.31560+	4	0.00000+	0	9.73430-	6	57	1454	448
6.31570+	4	0.00000+	0	1.94690-	5	6.31580+	4	0.00000+	0	7.98210-	5	57	1454	449
6.31590+	4	0.00000+	0	3.30970-	5	6.31600+	4	0.00000+	0	1.16810-	5	57	1454	450
6.31600+	4	0.00000+	0	3.89370-	8	6.41580+	4	0.00000+	0	1.94690-	6	57	1454	451
6.41590+	4	0.00000+	0	0.00000+	0	6.41600+	4	0.00000+	0	1.94690-	6	57	1454	452
6.41610+	4	0.00000+	0	4.47780-	6	6.51610+	4	0.00000+	0	0.00000+	0	57	1454	453
1.50000+	7	0.00000+	0		2							57	1454	454
3.00720+	4	0.00000+	0	0.00000+	0	3.00730+	4	0.00000+	0	0.00000+	0	57	1454	455
3.10740+	4	0.00000+	0	2.59720-	4	3.10750+	4	0.00000+	0	3.82230-	4	57	1454	456
3.10760+	4	0.00000+	0	5.39040-	4	3.10770+	4	0.00000+	0	6.46850-	4	57	1454	457
3.20750+	4	0.00000+	0	1.96020-	5	3.20760+	4	0.00000+	0	6.86050-	5	57	1454	458
3.20770+	4	0.00000+	0	1.76410-	4	3.20780+	4	0.00000+	0	9.80080-	4	57	1454	459
3.30750+	4	0.00000+	0	0.00000+	0	3.30770+	4	0.00000+	0	9.80080-	6	57	1454	460
3.30780+	4	0.00000+	0	9.80080-	5	3.30790+	4	0.00000+	0	1.66610-	3	57	1454	461
3.30800+	4	0.00000+	0	1.86210-	3	3.30810+	4	0.00000+	0	2.25420-	3	57	1454	462
3.40810+	4	0.00000+	0	1.96020-	4	3.40820+	4	0.00000+	0	3.72430-	3	57	1454	463
3.40830+	4	0.00000+	0	1.06870-	2	3.40840+	4	0.00000+	0	1.27410-	2	57	1454	464
3.40850+	4	0.00000+	0	1.30350-	2	3.50800+	4	0.00000+	0	0.00000+	0	57	1454	465
3.50820+	4	0.00000+	0	3.92070-	5	3.50830+	4	0.00000+	0	6.86050-	4	57	1454	466
3.50840+	4	0.00000+	0	1.96020-	3	3.50850+	4	0.00000+	0	5.97850-	3	57	1454	467
3.60840+	4	0.00000+	0	0.00000+	0	3.60850+	4	0.00000+	0	5.88050-	4	57	1454	468
3.60860+	4	0.00000+	0	2.45020-	2	3.60870+	4	0.00000+	0	2.94020-	2	57	1454	469
3.60880+	4	0.00000+	0	3.23430-	2	3.60890+	4	0.00000+	0	3.62630-	2	57	1454	470
3.60900+	4	0.00000+	0	3.03820-	2	3.60910+	4	0.00000+	0	1.76410-	2	57	1454	471
3.60920+	4	0.00000+	0	7.35060-	3	3.60930+	4	0.00000+	0	1.86210-	3	57	1454	472
3.60940+	4	0.00000+	0	3.52830-	3	3.60950+	4	0.00000+	0	9.80080-	4	57	1454	473
3.60970+	4	0.00000+	0	0.00000+	0	3.70880+	4	0.00000+	0	0.00000+	0	57	1454	474
3.70870+	4	0.00000+	0	9.80080-	4	3.70880+	4	0.00000+	0	2.94020-	3	57	1454	475
3.70890+	4	0.00000+	0	6.86050-	3	3.70900+	4	0.00000+	0	1.17610-	2	57	1454	476
3.70910+	4	0.00000+	0	2.54820-	2	3.70920+	4	0.00000+	0	2.98920-	2	57	1454	477
3.70930+	4	0.00000+	0	2.75400-	2	3.70940+	4	0.00000+	0	1.70530-	2	57	1454	478
3.70950+	4	0.00000+	0	1.07810-	2	3.70970+	4	0.00000+	0	0.00000+	0	57	1454	479
3.80900+	4	0.00000+	0	1.96020-	3	3.80910+	4	0.00000+	0	4.90040-	3	57	1454	480
3.80920+	4	0.00000+	0	9.80080-	3	3.80930+	4	0.00000+	0	1.56810-	2	57	1454	481
3.80940+	4	0.00000+	0	2.05820-	2	3.80950+	4	0.00000+	0	2.25420-	2	57	1454	482

3.80970+	4	0.00000+	0	3.03820-	3	3.90910+	4	0.00000+	0	0.00000+	0	57	1454	483
3.90920+	4	0.00000+	0	0.00000+	0	3.90930+	4	0.00000+	0	2.94020-	3	57	1454	484
3.90940+	4	0.00000+	0	6.86050-	3	3.90950+	4	0.00000+	0	1.17610-	2	57	1454	485
3.90960+	4	0.00000+	0	4.41030-	2	3.90970+	4	0.00000+	0	1.85230-	2	57	1454	486
4.00920+	4	0.00000+	0	0.00000+	0	4.00930+	4	0.00000+	0	0.00000+	0	57	1454	487
4.00940+	4	0.00000+	0	0.00000+	0	4.00950+	4	0.00000+	0	9.80080-	4	57	1454	488
4.00960+	4	0.00000+	0	3.92030-	3	4.00970+	4	0.00000+	0	2.74420-	2	57	1454	489
4.00980+	4	0.00000+	0	4.70440-	2	4.00990+	4	0.00000+	0	4.01830-	2	57	1454	490
4.10950+	4	0.00000+	0	0.00000+	0	4.10960+	4	0.00000+	0	2.94020-	5	57	1454	491
4.10970+	4	0.00000+	0	1.07810-	2	4.10980+	4	0.00000+	0	0.00000+	0	57	1454	492
4.10990+	4	0.00000+	0	1.07810-	2	4.11000+	4	0.00000+	0	4.11630-	2	57	1454	493
4.11010+	4	0.00000+	0	2.84220-	2	4.20970+	4	0.00000+	0	0.00000+	0	57	1454	494
4.20990+	4	0.00000+	0	9.80080-	4	4.21000+	4	0.00000+	0	3.92030-	3	57	1454	495
4.21010+	4	0.00000+	0	9.80080-	3	4.21020+	4	0.00000+	0	3.43030-	2	57	1454	496
4.21030+	4	0.00000+	0	2.84220-	2	4.21040+	4	0.00000+	0	1.56810-	2	57	1454	497
4.21050+	4	0.00000+	0	1.17610-	2	4.31000+	4	0.00000+	0	0.00000+	0	57	1454	498
4.31010+	4	0.00000+	0	9.80080-	4	4.31020+	4	0.00000+	0	2.94020-	3	57	1454	499
4.31030+	4	0.00000+	0	4.90040-	3	4.31040+	4	0.00000+	0	6.86050-	3	57	1454	500
4.31050+	4	0.00000+	0	6.86050-	3	4.31060+	4	0.00000+	0	1.76410-	2	57	1454	501
4.31070+	4	0.00000+	0	1.27410-	2	4.31080+	4	0.00000+	0	1.07810-	2	57	1454	502
4.41040+	4	0.00000+	0	9.80080-	4	4.41050+	4	0.00000+	0	9.80080-	4	57	1454	503
4.41060+	4	0.00000+	0	9.80080-	4	4.41070+	4	0.00000+	0	9.80080-	4	57	1454	504
4.41080+	4	0.00000+	0	1.96020-	3	4.51020+	4	0.00000+	0	0.00000+	0	57	1454	505
4.51090+	4	0.00000+	0	1.28390-	2	4.51100+	4	0.00000+	0	1.17610-	2	57	1454	506
4.51110+	4	0.00000+	0	1.09770-	2	4.61110+	4	0.00000+	0	0.00000+	0	57	1454	507
4.61120+	4	0.00000+	0	7.93860-	3	4.61130+	4	0.00000+	0	1.17610-	2	57	1454	508
4.61140+	4	0.00000+	0	9.70280-	3	4.61150+	4	0.00000+	0	8.91870-	3	57	1454	509
4.61160+	4	0.00000+	0	7.44860-	3	4.61170+	4	0.00000+	0	5.48840-	3	57	1454	510
4.71110+	4	0.00000+	0	3.92030-	4	4.71140+	4	0.00000+	0	9.80080-	5	57	1454	511
4.71150+	4	0.00000+	0	1.27410-	3	4.71160+	4	0.00000+	0	2.35220-	3	57	1454	512
4.71170+	4	0.00000+	0	3.72430-	3	4.71180+	4	0.00000+	0	8.33070-	3	57	1454	513
4.81160+	4	0.00000+	0	0.00000+	0	4.81170+	4	0.00000+	0	5.88050-	4	57	1454	514
4.81180+	4	0.00000+	0	1.47010-	3	4.81190+	4	0.00000+	0	9.80080-	3	57	1454	515
4.81200+	4	0.00000+	0	9.40870-	3	4.81210+	4	0.00000+	0	8.62470-	3	57	1454	516
4.91200+	4	0.00000+	0	1.37210-	3	4.91210+	4	0.00000+	0	3.13620-	3	57	1454	517
4.91230+	4	0.00000+	0	9.80080-	3	5.01210+	4	0.00000+	0	0.00000+	0	57	1454	518
5.01220+	4	0.00000+	0	1.17610-	2	5.01230+	4	0.00000+	0	1.96020-	3	57	1454	519
5.01240+	4	0.00000+	0	1.17610-	2	5.01250+	4	0.00000+	0	1.31330-	2	57	1454	520
5.01260+	4	0.00000+	0	1.27410-	2	5.01270+	4	0.00000+	0	1.37210-	2	57	1454	521
5.01280+	4	0.00000+	0	1.27410-	2	5.01290+	4	0.00000+	0	9.80080-	3	57	1454	522
5.01300+	4	0.00000+	0	1.17610-	2	5.01310+	4	0.00000+	0	9.80080-	3	57	1454	523
5.01320+	4	0.00000+	0	5.29240-	3	5.01330+	4	0.00000+	0	2.94020-	3	57	1454	524
5.11240+	4	0.00000+	0	5.97850-	4	5.11250+	4	0.00000+	0	1.56810-	3	57	1454	525
5.11260+	4	0.00000+	0	4.90040-	3	5.11270+	4	0.00000+	0	8.62470-	3	57	1454	526
5.11280+	4	0.00000+	0	1.07810-	2	5.11290+	4	0.00000+	0	1.07810-	2	57	1454	527
5.11300+	4	0.00000+	0	1.66610-	2	5.11310+	4	0.00000+	0	1.96020-	2	57	1454	528
5.11320+	4	0.00000+	0	1.82290-	2	5.11330+	4	0.00000+	0	1.56810-	2	57	1454	529
5.11340+	4	0.00000+	0	6.76250-	3	5.11350+	4	0.00000+	0	1.47010-	3	57	1454	530
5.21270+	4	0.00000+	0	1.96020-	3	5.21280+	4	0.00000+	0	2.94020-	3	57	1454	531
5.21290+	4	0.00000+	0	9.80080-	3	5.21300+	4	0.00000+	0	5.88050-	3	57	1454	532
5.21310+	4	0.00000+	0	9.80080-	3	5.21320+	4	0.00000+	0	1.76410-	2	57	1454	533
5.21330+	4	0.00000+	0	2.25420-	2	5.21340+	4	0.00000+	0	2.36200-	2	57	1454	534
5.21350+	4	0.00000+	0	1.47110-	2	5.31280+	4	0.00000+	0	0.00000+	0	57	1454	535
5.31290+	4	0.00000+	0	9.80080-	4	5.31300+	4	0.00000+	0	3.23430-	4	57	1454	536
5.31310+	4	0.00000+	0	1.96020-	3	5.31320+	4	0.00000+	0	7.84060-	3	57	1454	537
5.31330+	4	0.00000+	0	1.17610-	2	5.31340+	4	0.00000+	0	2.15620-	2	57	1454	538
5.31350+	4	0.00000+	0	2.84220-	2	5.41340+	4	0.00000+	0	4.90040-	3	57	1454	539
5.41350+	4	0.00000+	0	1.47010-	2	5.41360+	4	0.00000+	0	4.31230-	2	57	1454	540
5.41370+	4	0.00000+	0	4.41030-	2	5.41380+	4	0.00000+	0	3.62630-	2	57	1454	541
5.41390+	4	0.00000+	0	2.94020-	2	5.41400+	4	0.00000+	0	9.21270-	3	57	1454	542
5.41410+	4	0.00000+	0	2.05820-	3	5.41420+	4	0.00000+	0	1.56810-	3	57	1454	543
5.41430+	4	0.00000+	0	1.47010-	4	5.41440+	4	0.00000+	0	0.00000+	0	57	1454	544
5.51350+	4	0.00000+	0	9.80080-	4	5.51360+	4	0.00000+	0	1.86210-	3	57	1454	545
5.51370+	4	0.00000+	0	1.37210-	2	5.51380+	4	0.00000+	0	7.84060-	3	57	1454	546
5.51390+	4	0.00000+	0	1.17610-	2	5.51400+	4	0.00000+	0	2.11700-	2	57	1454	547
5.51410+	4	0.00000+	0	1.65620-	2	5.51420+	4	0.00000+	0	1.11730-	2	57	1454	548
5.51430+	4	0.00000+	0	6.12550-	3	5.51440+	4	0.00000+	0	2.35220-	3	57	1454	549
5.61360+	4	0.00000+	0	1.96020-	5	5.61370+	4	0.00000+	0	9.80080-	4	57	1454	550
5.61380+	4	0.00000+	0	3.92030-	3	5.61390+	4	0.00000+	0	7.84060-	3	57	1454	551
5.61400+	4	0.00000+	0	1.27410-	2	5.61410+	4	0.00000+	0	1.47010-	2	57	1454	552

5.61420+	4	0.00000+	0	1.86210-	2	5.61430+	4	0.00000+	0	1.72490-	2	57	1454	553	
5.61440+	4	0.00000+	0	1.13690-	2	5.71400+	4	0.00000+	0	1.96020-	3	57	1454	554	
5.71410+	4	0.00000+	0	3.92030-	3	5.71420+	4	0.00000+	0	7.84060-	3	57	1454	555	
5.71430+	4	0.00000+	0	1.27410-	2	5.71440+	4	0.00000+	0	1.47010-	2	57	1454	556	
5.81420+	4	0.00000+	0	0.00000+	0	5.81430+	4	0.00000+	0	1.96020-	3	57	1454	557	
5.81440+	4	0.00000+	0	3.92030-	3	5.81450+	4	0.00000+	0	2.74420-	2	57	1454	558	
5.81460+	4	0.00000+	0	2.15620-	2	5.81470+	4	0.00000+	0	1.56810-	2	57	1454	559	
5.81480+	4	0.00000+	0	8.62470-	3	5.91450+	4	0.00000+	0	9.80080-	4	57	1454	560	
5.91460+	4	0.00000+	0	1.96020-	3	5.91470+	4	0.00000+	0	3.92030-	3	57	1454	561	
5.91480+	4	0.00000+	0	4.11630-	3	6.01480+	4	0.00000+	0	9.80080-	4	57	1454	562	
6.01490+	4	0.00000+	0	5.29240-	3	6.01500+	4	0.00000+	0	2.64620-	3	57	1454	563	
6.01510+	4	0.00000+	0	1.76410-	3	6.11480+	4	0.00000+	0	0.00000+	0	57	1454	564	
6.11490+	4	0.00000+	0	0.00000+	0	6.11500+	4	0.00000+	0	9.31070-	5	57	1454	565	
6.11510+	4	0.00000+	0	1.96020-	3	6.11520+	4	0.00000+	0	1.47010-	2	57	1454	566	
6.11540+	4	0.00000+	0	7.25240-	4	6.21520+	4	0.00000+	0	0.00000+	0	57	1454	567	
6.21530+	4	0.00000+	0	1.17610-	3	6.21540+	4	0.00000+	0	1.47010-	4	57	1454	568	
6.21550+	4	0.00000+	0	6.66450-	4	6.21560+	4	0.00000+	0	4.80240-	4	57	1454	569	
6.21570+	4	0.00000+	0	3.23430-	4	6.31540+	4	0.00000+	0	4.80240-	6	57	1454	570	
6.31550+	4	0.00000+	0	3.92030-	5	6.31560+	4	0.00000+	0	5.88050-	5	57	1454	571	
6.31570+	4	0.00000+	0	8.82070-	5	6.31580+	4	0.00000+	0	2.74420-	4	57	1454	572	
6.31590+	4	0.00000+	0	1.76410-	4	6.31600+	4	0.00000+	0	0.00000+	0	57	1454	573	
6.41580+	4	0.00000+	0	0.00000+	5	6.41590+	4	0.00000+	0	1.96020-	5	57	1454	574	
6.41600+	4	0.00000+	0	0.00000+	0	6.41610+	4	0.00000+	0	0.00000+	0	57	1454	575	
6.51600+	4	0.00000+	0	0.00000+	0	6.51610+	4	0.00000+	0	0.00000+	0	57	1454	576	
												57	1	0	577
												57	0	0	578
9.22350+04		2.33025+02							1			57	2151	579	
9.22350+04		1.0							1			57	2151	580	
1.0	-05	1.5	+07						0			57	2151	581	
0.		8.3690	-01						0			57	2151	582	
												57	2	0	583
												57	0	0	584
9.22350+	4	2.33025+	2				99		0		0	57	3	1	585
1+00000E+030.							0		1		2455	57	3	1	586
		2455	2									57	3	1	587
1.00000-	5	3.65009+	4	1.22756-	5	3.29425+	4	1.49675-	5	2.98319+	4	57	3	1	588
1.81356-	5	2.71001+	4	2.18424-	5	2.46929+	4	2.18441-	5	2.46919+	4	57	3	1	589
2.61714-	5	2.25577+	4	2.61717-	5	2.25566+	4	2.11933-	5	2.06618+	4	57	3	1	590
3.11963-	5	2.66607+	4	3.69954-	5	1.89721+	4	3.69993-	5	1.89710+	4	57	3	1	591
4.36707-	5	1.74618+	4	4.36756-	5	1.74608+	4	0.02663-	5	1.48644+	4	57	3	1	592
6.02735-	5	1.48634+	4	8.18219-	5	1.27574+	4	0.18309-	5	1.27565+	4	57	3	1	593
1.09487-	4	1.10289+	4	1.09500-	4	1.10282+	4	1.44552-	4	9.59917+	3	57	3	1	594
1.44569-	4	9.59852+	4	1.90841-	4	8.35515+	4	1.90862-	4	8.35462+	3	57	3	1	595
2.48886-	4	7.31725+	3	2.48911-	4	7.31683+	3	3.21017-	4	6.44399+	3	57	3	1	596
3.21045-	4	6.44367+	3	4.09801-	4	5.70449+	3	4.09831-	4	5.70426+	3	57	3	1	597
5.18710-	4	5.07154+	3	6.50757-	4	4.52903+	3	8.09793-	4	4.06120+	3	57	3	1	598
1.00000-	3	3.65580+	3	1.25307-	3	3.26289+	3	1.25318-	3	3.26272+	3	57	3	1	599
1.55762-	3	2.92419+	3	1.55785-	3	2.92394+	3	1.92188-	3	2.63061+	3	57	3	1	600
1.92222-	3	2.63035+	3	2.35480-	3	2.37500+	3	2.35523-	3	2.37476+	3	57	3	1	601
2.86786-	3	2.15090+	3	2.86832-	3	2.15071+	3	3.47122-	3	1.95413+	3	57	3	1	602
3.47165-	3	1.95399+	3	4.17744-	3	1.78062+	3	0.00000-	3	1.62708+	3	57	3	1	603
5.98917-	3	1.48304+	3	5.98990-	3	1.48294+	3	1.13821-	3	1.35534+	3	57	3	1	604
7.13933-	3	1.35522+	3	8.00000-	3	1.28170+	3	8.46777-	3	1.24174+	3	57	3	1	605
8.46874-	3	1.24166+	3	9.00000-	3	1.20652+	3	1.00000-	2	1.14037+	3	57	3	1	606
1.10000-	2	1.08909+	3	1.20000-	2	1.03781+	3	1.22842-	2	1.02323+	3	57	3	1	607
1.22869-	2	1.02310+	3	1.50000-	2	9.21159+	2	1.60000-	2	8.94816+	2	57	3	1	608
1.90000-	2	8.15792+	2	2.00000-	2	7.89449+	2	2.30000-	2	7.35578+	2	57	3	1	609
2.40000-	2	7.17620+	2	2.53000-	2	6.94278+	2	2.60000-	2	6.84935+	2	57	3	1	610
2.80000-	2	6.58246+	2	2.90000-	2	6.44901+	2	3.00000-	2	6.31556+	2	57	3	1	611
3.40000-	2	5.89502+	2	3.50000-	2	5.78987+	2	4.00000-	2	5.36404+	2	57	3	1	612
4.20000-	2	5.22261+	2	4.30000-	2	5.15189+	2	4.50000-	2	5.01046+	2	57	3	1	613
5.00000-	2	4.70947+	2	5.50000-	2	4.44916+	2	5.60000-	2	4.40439+	2	57	3	1	614
5.70000-	2	4.35902+	2	6.00000-	2	4.22293+	2	6.00000-	2	4.02300+	2	57	3	1	615
6.80000-	2	3.91636+	2	6.90000-	2	3.88082+	2	7.00000-	2	3.84528+	2	57	3	1	616
7.50000-	2	3.68655+	2	8.00000-	2	3.54765+	2	8.40000-	2	3.44587+	2	57	3	1	617
8.50000-	2	3.42043+	2	9.00000-	2	3.30519+	2	9.20000-	2	3.26345+	2	57	3	1	618
9.30000-	2	3.24260+	2	9.50000-	2	3.20086+	2	9.90000-	2	3.12591+	2	57	3	1	619
1.00000-	1	3.10718+	2	1.10000-	1	2.94360+	2	1.20000-	1	2.80070+	2	57	3	1	620
1.30000-	1	2.67626+	2	1.40000-	1	2.57008+	2	1.50000-	1	2.49270+	2	57	3	1	621
1.60000-	1	2.42687+	2	1.70000-	1	2.37327+	2	1.80000-	1	2.33121+	2	57	3	1	622
2.03340-	1	2.30520+	2	2.23340-	1	2.33807+	2	2.43340-	1	2.41987+	2	57	3	1	623



2.63340-	1	2.51671+	2	2.83340-	1	2.57862+	2	2.03340-	1	2.50774+	2	57	3	1	624
3.23340-	1	2.26944+	2	3.43340-	1	1.99464+	2	2.63340-	1	1.78865+	2	57	3	1	625
3.83340-	1	1.60629+	2	4.03340-	1	1.46027+	2	3.28120-	1	1.31615+	2	57	3	1	626
4.64920-	1	1.16450+	2	5.04920-	1	1.04983+	2	3.44920-	1	9.64313+	1	57	3	1	627
5.84920-	1	8.99687+	1	6.24920-	1	8.51418+	1	6.64920-	1	8.14287+	1	57	3	1	628
7.04920-	1	7.84921+	1	7.44920-	1	7.62503+	1	7.84920-	1	7.47822+	1	57	3	1	629
8.24920-	1	7.41892+	1	8.64920-	1	7.47234+	1	8.04920-	1	7.67590+	1	57	3	1	630
9.44920-	1	8.05068+	1	9.84920-	1	8.63960+	1	1.00000+	0	9.01320+	1	57	3	1	631
1.00000+	0	8.43958+	1	1.02319+	0	9.26532+	1	1.05500+	0	1.12753+	2	57	3	1	632
1.07300+	0	1.23472+	2	1.08750+	0	1.31655+	2	1.09100+	0	1.33826+	2	57	3	1	633
1.10886+	0	1.41065+	2	1.12528+	0	1.43885+	2	1.14000+	0	1.41808+	2	57	3	1	634
1.15472+	0	1.34799+	2	1.17114+	0	1.21819+	2	1.18200+	0	1.10674+	2	57	3	1	635
1.19250+	0	1.00647+	2	1.20000+	0	9.38691+	1	1.21800+	0	8.01203+	1	57	3	1	636
1.23600+	0	6.77502+	1	1.25681+	0	5.56455+	1	1.30466+	0	4.37437+	1	57	3	1	637
1.32700+	0	4.21791+	1	1.36400+	0	3.78829+	1	1.36678+	0	3.75182+	1	57	3	1	638
1.45375+	0	3.40693+	1	1.45500+	0	3.40731+	1	1.54500+	0	3.26181+	1	57	3	1	639
1.58302+	0	3.16936+	1	1.63600+	0	3.15518+	1	1.72700+	0	3.09535+	1	57	3	1	640
1.78694+	0	3.03214+	1	1.79676+	0	3.03257+	1	1.79966+	0	3.03308+	1	57	3	1	641
1.81800+	0	3.05750+	1	1.87384+	0	3.13294+	1	1.90900+	0	3.41988+	1	57	3	1	642
1.92086+	0	3.50819+	1	1.95250+	0	4.32590+	1	1.97510+	0	5.43649+	1	57	3	1	643
1.99251+	0	6.51805+	1	2.00000+	0	6.92890+	1	2.01590+	0	7.80478+	1	57	3	1	644
2.02367+	0	8.06243+	1	2.02945+	0	8.17513+	1	2.03500+	0	8.20724+	1	57	3	1	645
2.04035+	0	8.17264+	1	2.04633+	0	8.05697+	1	2.05410+	0	7.79492+	1	57	3	1	646
2.07749+	0	6.48674+	1	2.09490+	0	5.37917+	1	2.11750+	0	4.22811+	1	57	3	1	647
2.14914+	0	3.34937+	1	2.18200+	0	3.04202+	1	2.19616+	0	2.91057+	1	57	3	1	648
2.21165+	0	2.85108+	1	2.27373+	0	2.72450+	1	2.36400+	0	2.68003+	1	57	3	1	649
2.45500+	0	2.56418+	1	2.46231+	0	2.55196+	1	2.54500+	0	2.48095+	1	57	3	1	650
2.58917+	0	2.39187+	1	2.63600+	0	2.33889+	1	2.67979+	0	2.43186+	1	57	3	1	651
2.69100+	0	2.47229+	1	2.74500+	0	2.68560+	1	2.74961+	0	2.72510+	1	57	3	1	652
2.80000+	0	3.29549+	1	2.81800+	0	3.42168+	1	2.84342+	0	3.47748+	1	57	3	1	653
2.85500+	0	3.52023+	1	2.87457+	0	3.60820+	1	2.89853+	0	3.70980+	1	57	3	1	654
2.92000+	0	3.79195+	1	2.92700+	0	3.81828+	1	2.94147+	0	3.89785+	1	57	3	1	655
2.94500+	0	3.92063+	1	2.96543+	0	4.17430+	1	2.99658+	0	4.66013+	1	57	3	1	656
3.01800+	0	5.24129+	1	3.05888+	0	6.13152+	1	3.07200+	0	6.53854+	1	57	3	1	657
3.09840+	0	7.17997+	1	3.11817+	0	7.53663+	1	3.13338+	0	7.66284+	1	57	3	1	658
3.14700+	0	7.63465+	1	3.16062+	0	7.46326+	1	3.17583+	0	7.11284+	1	57	3	1	659
3.18200+	0	6.90905+	1	3.19560+	0	6.55547+	1	3.21800+	0	5.84120+	1	57	3	1	660
3.25512+	0	4.74677+	1	3.27300+	0	4.41406+	1	3.29942+	0	3.94566+	1	57	3	1	661
3.35692+	0	3.67942+	1	3.36400+	0	3.74824+	1	3.43495+	0	4.50596+	1	57	3	1	662
3.45500+	0	5.23704+	1	3.48212+	0	6.14366+	1	3.49100+	0	6.74044+	1	57	3	1	663
3.51687+	0	8.42483+	1	3.54365+	0	1.08047+	2	3.54500+	0	1.09177+	2	57	3	1	664
3.57963+	0	1.31962+	2	3.58200+	0	1.32776+	2	3.59158+	0	1.37786+	2	57	3	1	665
3.60077+	0	1.40548+	2	3.60900+	0	1.41348+	2	3.61723+	0	1.40516+	2	57	3	1	666
3.62642+	0	1.37712+	2	3.63600+	0	1.32641+	2	3.63837+	0	1.31199+	2	57	3	1	667
3.67435+	0	9.77542+	1	3.69100+	0	8.12323+	1	3.70113+	0	7.10468+	1	57	3	1	668
3.72700+	0	5.09617+	1	3.73588+	0	4.49839+	1	3.78454+	0	2.84448+	1	57	3	1	669
3.81800+	0	2.47316+	1	3.85686+	0	2.04781+	1	3.90900+	0	1.91897+	1	57	3	1	670
3.97095+	0	1.75875+	1	4.00000+	0	1.75720+	1	4.09100+	0	1.72650+	1	57	3	1	671
4.16256+	0	1.69142+	1	4.18200+	0	1.69444+	1	4.22739+	0	1.69455+	1	57	3	1	672
4.29246+	0	1.70695+	1	4.36400+	0	1.75074+	1	4.48475+	0	1.77879+	1	57	3	1	673
4.54500+	0	1.87765+	1	4.59925+	0	2.05179+	1	4.63600+	0	2.44625+	1	57	3	1	674
4.67184+	0	2.88367+	1	4.72066+	0	4.86861+	1	4.72700+	0	5.41057+	1	57	3	1	675
4.75554+	0	7.70897+	1	4.78200+	0	1.06544+	2	4.78242+	0	1.07009+	2	57	3	1	676
4.80000+	0	1.25445+	2	4.81852+	0	1.45119+	2	4.83051+	0	1.53112+	2	57	3	1	677
4.83600+	0	1.55257+	2	4.83974+	0	1.55704+	2	4.84800+	0	1.54618+	2	57	3	1	678
4.85500+	0	1.51989+	2	4.85626+	0	1.51725+	2	4.86549+	0	1.47464+	2	57	3	1	679
4.87748+	0	1.38594+	2	4.89100+	0	1.23128+	2	4.89090+	0	1.08098+	2	57	3	1	680
4.91358+	0	1.03502+	2	4.94046+	0	7.43321+	1	4.94500+	0	7.07665+	1	57	3	1	681
4.97534+	0	4.62424+	1	4.98100+	0	4.41975+	1	5.02416+	0	2.81037+	1	57	3	1	682
5.09100+	0	2.24676+	1	5.09675+	0	2.19733+	1	5.13866+	0	2.13579+	1	57	3	1	683
5.14500+	0	2.13556+	1	5.18200+	0	2.17580+	1	5.18327+	0	2.17742+	1	57	3	1	684
5.26052+	0	2.38373+	1	5.27300+	0	2.43917+	1	5.30900+	0	2.59400+	1	57	3	1	685
5.31248+	0	2.60519+	1	5.34960+	0	2.78325+	1	5.37820+	0	2.94372+	1	57	3	1	686
5.41663+	0	3.14715+	1	5.42939+	0	3.20044+	1	5.43921+	0	3.23410+	1	57	3	1	687
5.44800+	0	3.25831+	1	5.45679+	0	3.27667+	1	5.46661+	0	3.29029+	1	57	3	1	688
5.46744+	0	3.29112+	1	5.53736+	0	3.23579+	1	5.54500+	0	3.22471+	1	57	3	1	689
5.60000+	0	3.08945+	1	5.65500+	0	2.98833+	1	5.66264+	0	2.98494+	1	57	3	1	690
5.72700+	0	2.96851+	1	5.73256+	0	2.97293+	1	5.81800+	0	3.09830+	1	57	3	1	691
5.82346+	0	3.10806+	1	5.90900+	0	3.93842+	1	6.00000+	0	4.79422+	1	57	3	1	692
6.04863+	0	5.17847+	1	6.09100+	0	6.33085+	1	6.12963+	0	7.42467+	1	57	3	1	693
6.16232+	0	8.76073+	1	6.16400+	0	8.85498+	1	6.18747+	0	1.00723+	2	57	3	1	694

6.21000+	0	1.17918+	2	6.21800+	0	1.27008+	2	6.23253+	0	1.42744+	2	57	3	1	695
6.25500+	0	1.79251+	2	6.25768+	0	1.83954+	2	6.29037+	0	2.64379+	2	57	3	1	696
6.29100+	0	2.66141+	2	6.33106+	0	3.76968+	2	6.34818+	0	4.14986+	2	57	3	1	697
6.36194+	0	4.35880+	2	6.37252+	0	4.44537+	2	6.38200+	0	4.46241+	2	57	3	1	698
6.39148+	0	4.42059+	2	6.40206+	0	4.30616+	2	6.41582+	0	4.06039+	2	57	3	1	699
6.41800+	0	3.99931+	2	6.45500+	0	2.93404+	2	6.45725+	0	2.87118+	2	57	3	1	700
6.48808+	0	1.95233+	2	6.49100+	0	1.88859+	2	6.52810+	0	1.08342+	2	57	3	1	701
6.54500+	0	9.14677+	1	6.58412+	0	5.09433+	1	6.63600+	0	3.64847+	1	57	3	1	702
6.66741+	0	2.86665+	1	6.72052+	0	2.54482+	1	6.72700+	0	2.53799+	1	57	3	1	703
6.77646+	0	2.54015+	1	6.81800+	0	2.92658+	1	6.86416+	0	3.34173+	1	57	3	1	704
6.92315+	0	5.51007+	1	6.96529+	0	8.68314+	1	6.98200+	0	1.03458+	2	57	3	1	705
6.99776+	0	1.18886+	2	7.04138+	0	1.57934+	2	7.05587+	0	1.65930+	2	57	3	1	706
7.06702+	0	1.69489+	2	7.07700+	0	1.70573+	2	7.08698+	0	1.69612+	2	57	3	1	707
7.09813+	0	1.66181+	2	7.11262+	0	1.58316+	2	7.15624+	0	1.19272+	2	57	3	1	708
7.18200+	0	9.37098+	1	7.18871+	0	8.68437+	1	7.23085+	0	5.34930+	1	57	3	1	709
7.28984+	0	2.91851+	1	7.29100+	0	2.90215+	1	7.37754+	0	1.95784+	1	57	3	1	710
7.51588+	0	1.44611+	1	7.74821+	0	1.60767+	1	7.81800+	0	1.65432+	1	57	3	1	711
7.84976+	0	1.70687+	1	7.97215+	0	1.98683+	1	8.00000+	0	2.12231+	1	57	3	1	712
8.18100+	0	2.90133+	1	8.25212+	0	3.24689+	1	8.36300+	0	5.05854+	1	57	3	1	713
8.41882+	0	5.94266+	1	8.45300+	0	7.92966+	1	8.52451+	0	1.20493+	2	57	3	1	714
8.59560+	0	2.40637+	2	8.64639+	0	4.01358+	2	8.68551+	0	5.60337+	2	57	3	1	715
8.73808+	0	7.53706+	2	8.75554+	0	7.93524+	2	8.76897+	0	8.11537+	2	57	3	1	716
8.78100+	0	8.17444+	2	8.79303+	0	8.13412+	2	8.80646+	0	7.97439+	2	57	3	1	717
8.82392+	0	7.60110+	2	8.87649+	0	5.72388+	2	8.91561+	0	4.15741+	2	57	3	1	718
8.92500+	0	3.86412+	2	8.96640+	0	2.68541+	2	9.01500+	0	2.03776+	2	57	3	1	719
9.03749+	0	1.69731+	2	9.03990+	0	1.67832+	2	9.04219+	0	1.66110+	2	57	3	1	720
9.05200+	0	1.63097+	2	9.10600+	0	1.41383+	2	9.10977+	0	1.39097+	2	57	3	1	721
9.15804+	0	1.36314+	2	9.17900+	0	1.39861+	2	9.19523+	0	1.42246+	2	57	3	1	722
9.23300+	0	1.47547+	2	9.24520+	0	1.51462+	2	9.26180+	0	1.54034+	2	57	3	1	723
9.27456+	0	1.54515+	2	9.28600+	0	1.53718+	2	9.29744+	0	1.51723+	2	57	3	1	724
9.30600+	0	1.49293+	2	9.31020+	0	1.48228+	2	9.32680+	0	1.41986+	2	57	3	1	725
9.36000+	0	1.23189+	2	9.37677+	0	1.16285+	2	9.41396+	0	9.86433+	1	57	3	1	726
9.42072+	0	9.57371+	1	9.43200+	0	9.13246+	1	9.43624+	0	8.94684+	1	57	3	1	727
9.45100+	0	8.60675+	1	9.50500+	0	6.82605+	1	9.52162+	0	6.24055+	1	57	3	1	728
9.54100+	0	6.08878+	1	9.63634+	0	5.14907+	1	9.67444+	0	5.00510+	1	57	3	1	729
9.70374+	0	4.86652+	1	9.70400+	0	4.86484+	1	9.73000+	0	4.72814+	1	57	3	1	730
9.75626+	0	4.54075+	1	9.75900+	0	4.51596+	1	9.78556+	0	4.37638+	1	57	3	1	731
9.82366+	0	4.11653+	1	9.93828+	0	3.51737+	1	9.94500+	0	3.84780+	1	57	3	1	732
1.00238+	1	4.04417+	1	1.00390+	1	4.27238+	1	1.00460+	1	4.38740+	1	57	3	1	733
1.00850+	1	5.11202+	1	1.00850+	1	5.11267+	1	1.01373+	1	5.92669+	1	57	3	1	734
1.01547+	1	6.08527+	1	1.01680+	1	6.14865+	1	1.01760+	1	6.15473+	1	57	3	1	735
1.01800+	1	6.15980+	1	1.01920+	1	6.12859+	1	1.02053+	1	6.04007+	1	57	3	1	736
1.02227+	1	5.84701+	1	1.02519+	1	5.36653+	1	1.02670+	1	5.17880+	1	57	3	1	737
1.03390+	1	4.65085+	1	1.04300+	1	3.61536+	1	1.04745+	1	3.01370+	1	57	3	1	738
1.06069+	1	2.79191+	1	1.06290+	1	2.77360+	1	1.07087+	1	2.84075+	1	57	3	1	739
1.07200+	1	2.84626+	1	1.08000+	1	2.89950+	1	1.08110+	1	2.90040+	1	57	3	1	740
1.08913+	1	2.85386+	1	1.09370+	1	2.80597+	1	1.09920+	1	2.81664+	1	57	3	1	741
1.09931+	1	2.81713+	1	1.11255+	1	2.88531+	1	1.12640+	1	8.35928+	1	57	3	1	742
1.14090+	1	1.39939+	2	1.14450+	1	1.54040+	2	1.14810+	1	1.67695+	2	57	3	1	743
1.15242+	1	1.81094+	2	1.15540+	1	2.44140+	2	1.15593+	1	2.55787+	2	57	3	1	744
1.15643+	1	2.67247+	2	1.16203+	1	3.85081+	2	1.16389+	1	4.09962+	2	57	3	1	745
1.16532+	1	4.21257+	2	1.16660+	1	4.24940+	2	1.16788+	1	4.22350+	2	57	3	1	746
1.16931+	1	4.12234+	2	1.17117+	1	3.88756+	2	1.17677+	1	2.73698+	2	57	3	1	747
1.18094+	1	1.82890+	2	1.18620+	1	1.01805+	2	1.18635+	1	9.96058+	1	57	3	1	748
1.18980+	1	8.10605+	1	1.19393+	1	5.63836+	1	1.20000+	1	5.39235+	1	57	3	1	749
1.20255+	1	5.30438+	1	1.20910+	1	7.44223+	1	1.21143+	1	8.26890+	1	57	3	1	750
1.21450+	1	1.20829+	2	1.21924+	1	1.74833+	2	1.22000+	1	1.94514+	2	57	3	1	751
1.22482+	1	3.16044+	2	1.22911+	1	4.67256+	2	1.23489+	1	6.58154+	2	57	3	1	752
1.23500+	1	6.60484+	2	1.23680+	1	6.99078+	2	1.23828+	1	7.17675+	2	57	3	1	753
1.23960+	1	7.23744+	2	1.24092+	1	7.19504+	2	1.24240+	1	7.02880+	2	57	3	1	754
1.24431+	1	6.64202+	2	1.24900+	1	5.08845+	2	1.24910+	1	5.05538+	2	57	3	1	755
1.25009+	1	4.72706+	2	1.25438+	1	3.18186+	2	1.25440+	1	3.17768+	2	57	3	1	756
1.25996+	1	1.72119+	2	1.26264+	1	1.28459+	2	1.26536+	1	9.85382+	1	57	3	1	757
1.27104+	1	6.79859+	1	1.27542+	1	6.04291+	1	1.28130+	1	5.77850+	1	57	3	1	758
1.28325+	1	5.73668+	1	1.28475+	1	5.68845+	1	1.28610+	1	5.63128+	1	57	3	1	759
1.28745+	1	5.55600+	1	1.28895+	1	5.45132+	1	1.29090+	1	5.28417+	1	57	3	1	760
1.29678+	1	4.65718+	1	1.30116+	1	4.21982+	1	1.30583+	1	3.92605+	1	57	3	1	761
1.31097+	1	3.86730+	1	1.31577+	1	4.01920+	1	1.32223+	1	4.34151+	1	57	3	1	762
1.32437+	1	4.43127+	1	1.32602+	1	4.48406+	1	1.32750+	1	4.51816+	1	57	3	1	763
1.32898+	1	4.53936+	1	1.33063+	1	4.54833+	1	1.33277+	1	4.53884+	1	57	3	1	764
1.33923+	1	4.45253+	1	1.34403+	1	4.46475+	1	1.34941+	1	4.69801+	1	57	3	1	765

1.35446*	1	5.18459*	1	1.35897*	1	5.81974*	1	1.36504*	1	6.84176*	1	57	3	1	766
1.36706*	1	7.18934*	1	1.36861*	1	7.45215*	1	1.37000*	1	7.68249*	1	57	3	1	767
1.37139*	1	7.90742*	1	1.37294*	1	8.15244*	1	1.37496*	1	8.46513*	1	57	3	1	768
1.37660*	1	8.70511*	1	1.38232*	1	9.49843*	1	1.38935*	1	1.03665*	2	57	3	1	769
1.39475*	1	1.28188*	2	1.39960*	1	1.09227*	2	1.40445*	1	1.06720*	2	57	3	1	770
1.40850*	1	1.01681*	2	1.40985*	1	1.00186*	2	1.41688*	1	8.85929*	1	57	3	1	771
1.42670*	1	8.10842*	1	1.43570*	1	7.56713*	1	1.43806*	1	7.35130*	1	57	3	1	772
1.44120*	1	7.76527*	1	1.44190*	1	7.83836*	1	1.44304*	1	7.99268*	1	57	3	1	773
1.44480*	1	8.21446*	1	1.44929*	1	8.63930*	1	1.45137*	1	8.68256*	1	57	3	1	774
1.45297*	1	8.62388*	1	1.45440*	1	8.49462*	1	1.45583*	1	8.29003*	1	57	3	1	775
1.45743*	1	7.97457*	1	1.45951*	1	7.43989*	1	1.46110*	1	6.89545*	1	57	3	1	776
1.46470*	1	5.93678*	1	1.46576*	1	5.66322*	1	1.47041*	1	4.42775*	1	57	3	1	777
1.47370*	1	3.81405*	1	1.47646*	1	3.28793*	1	1.48491*	1	2.60459*	1	57	3	1	778
1.49010*	1	2.56382*	1	1.49688*	1	2.34614*	1	1.50000*	1	2.39661*	1	57	3	1	779
1.50910*	1	2.66767*	1	1.50920*	1	2.66983*	1	1.51790*	1	3.84730*	1	57	3	1	780
1.51820*	1	3.93827*	1	1.52412*	1	5.69441*	1	1.52730*	1	6.99779*	1	57	3	1	781
1.52891*	1	7.67393*	1	1.53535*	1	1.02043*	2	1.53640*	1	1.04656*	2	57	3	1	782
1.53748*	1	1.7257*	2	1.53913*	1	1.09547*	2	1.54060*	1	1.10244*	2	57	3	1	783
1.54207*	1	1.09625*	2	1.54372*	1	1.07412*	2	1.54550*	1	1.03190*	2	57	3	1	784
1.54585*	1	1.02295*	2	1.55229*	1	7.63855*	1	1.55450*	1	6.67381*	1	57	3	1	785
1.55708*	1	5.59443*	1	1.56370*	1	3.68334*	1	1.56360*	1	3.64511*	1	57	3	1	786
1.57200*	1	2.71295*	1	1.57270*	1	2.71153*	1	1.57433*	1	2.70175*	1	57	3	1	787
1.57671*	1	2.79261*	1	1.58180*	1	3.72184*	1	1.58560*	1	4.36787*	1	57	3	1	788
1.59090*	1	6.82271*	1	1.59196*	1	7.30606*	1	1.59685*	1	1.05842*	2	57	3	1	789
1.60000*	1	1.26309*	2	1.60343*	1	1.48898*	2	1.60561*	1	1.58148*	2	57	3	1	790
1.60729*	1	1.62401*	2	1.60880*	1	1.63858*	2	1.60910*	1	1.63691*	2	57	3	1	791
1.61031*	1	1.62906*	2	1.61199*	1	1.59169*	2	1.61417*	1	1.50544*	2	57	3	1	792
1.61820*	1	1.24860*	2	1.62075*	1	1.08235*	2	1.62564*	1	7.50688*	1	57	3	1	793
1.62730*	1	6.75117*	1	1.63200*	1	4.63100*	1	1.63640*	1	3.85437*	1	57	3	1	794
1.63749*	1	3.68351*	1	1.64309*	1	3.96953*	1	1.64360*	1	4.07991*	1	57	3	1	795
1.64910*	1	5.23564*	1	1.64956*	1	5.33511*	1	1.65450*	1	6.86392*	1	57	3	1	796
1.65454*	1	6.87802*	1	1.66123*	1	9.07621*	1	1.66346*	1	9.56534*	1	57	3	1	797
1.66360*	1	9.58636*	1	1.66517*	1	9.73660*	1	1.66670*	1	9.78328*	1	57	3	1	798
1.66823*	1	9.73265*	1	1.66994*	1	9.56342*	1	1.67217*	1	9.17930*	1	57	3	1	799
1.67270*	1	9.02543*	1	1.67886*	1	7.34138*	1	1.68180*	1	6.41335*	1	57	3	1	800
1.68384*	1	5.79796*	1	1.69031*	1	4.25732*	1	1.69090*	1	4.18708*	1	57	3	1	801
1.69450*	1	3.69785*	1	1.69976*	1	2.92612*	1	1.70000*	1	2.88744*	1	57	3	1	802
1.70910*	1	2.41778*	1	1.71282*	1	2.19523*	1	1.71810*	1	2.08909*	1	57	3	1	803
1.72730*	1	1.94555*	1	1.73405*	1	1.83882*	1	1.73457*	1	1.83530*	1	57	3	1	804
1.73511*	1	1.83183*	1	1.73640*	1	1.83671*	1	1.74550*	1	1.94421*	1	57	3	1	805
1.75450*	1	1.97997*	1	1.75720*	1	2.01266*	1	1.76360*	1	2.38980*	1	57	3	1	806
1.77121*	1	2.81031*	1	1.77270*	1	3.05730*	1	1.78063*	1	4.35028*	1	57	3	1	807
1.78180*	1	4.69091*	1	1.78736*	1	6.37162*	1	1.79090*	1	7.67304*	1	57	3	1	808
1.79254*	1	8.27254*	1	1.79951*	1	1.04933*	2	1.80183*	1	1.09499*	2	57	3	1	809
1.80361*	1	1.11625*	2	1.80520*	1	1.12417*	2	1.80679*	1	1.12131*	2	57	3	1	810
1.80857*	1	1.10560*	2	1.80910*	1	1.09681*	2	1.81089*	1	1.06520*	2	57	3	1	811
1.81786*	1	8.54642*	1	1.81870*	1	8.42483*	1	1.82304*	1	6.73260*	1	57	3	1	812
1.82730*	1	5.50646*	1	1.82977*	1	4.89698*	1	1.83640*	1	4.11155*	1	57	3	1	813
1.83919*	1	3.70512*	1	1.84550*	1	3.48333*	1	1.85004*	1	3.27145*	1	57	3	1	814
1.85450*	1	3.34544*	1	1.86116*	1	3.43310*	1	1.86360*	1	3.62833*	1	57	3	1	815
1.87082*	1	4.09664*	1	1.87270*	1	4.38483*	1	1.87772*	1	5.19966*	1	57	3	1	816
1.88180*	1	6.25008*	1	1.88303*	1	6.57820*	1	1.89017*	1	9.35030*	1	57	3	1	817
1.89090*	1	9.74264*	1	1.89254*	1	1.05918*	2	1.89437*	1	1.17260*	2	57	3	1	818
1.89600*	1	1.29249*	2	1.89763*	1	1.43387*	2	1.89946*	1	1.62273*	2	57	3	1	819
1.90000*	1	1.69247*	2	1.90183*	1	1.93324*	2	1.90897*	1	3.40988*	2	57	3	1	820
1.91278*	1	4.55339*	2	1.91662*	1	5.87294*	2	1.92382*	1	8.13310*	2	57	3	1	821
1.92621*	1	8.60423*	2	1.92805*	1	8.91750*	2	1.92970*	1	8.88675*	2	57	3	1	822
1.93135*	1	8.83727*	2	1.93319*	1	8.64470*	2	1.93558*	1	8.19602*	2	57	3	1	823
1.93810*	1	7.41102*	2	1.94278*	1	5.94685*	2	1.94360*	1	5.66466*	2	57	3	1	824
1.94550*	1	5.04631*	2	1.94815*	1	4.18126*	2	1.94910*	1	3.94908*	2	57	3	1	825
1.95090*	1	3.50440*	2	1.95270*	1	3.04194*	2	1.95450*	1	2.55980*	2	57	3	1	826
1.95510*	1	2.39689*	2	1.96180*	1	1.45937*	2	1.96411*	1	1.14235*	2	57	3	1	827
1.96720*	1	1.00309*	2	1.97270*	1	7.62034*	1	1.97690*	1	5.83866*	1	57	3	1	828
1.98180*	1	5.23108*	1	1.98679*	1	4.63310*	1	1.99090*	1	4.48044*	1	57	3	1	829
1.99441*	1	4.34002*	1	2.00000*	1	4.33176*	1	2.00464*	1	4.37588*	1	57	3	1	830
2.00804*	1	4.42045*	1	2.00910*	1	4.42670*	1	2.01066*	1	4.44554*	1	57	3	1	831
2.01300*	1	4.45077*	1	2.01534*	1	4.43165*	1	2.01707*	1	4.40168*	1	57	3	1	832
2.01831*	1	4.37237*	1	2.02000*	1	4.32365*	1	2.02169*	1	4.26712*	1	57	3	1	833
2.02357*	1	4.19920*	1	2.02602*	1	4.11318*	1	2.02730*	1	4.09853*	1	57	3	1	834
2.03339*	1	4.05069*	1	2.03640*	1	4.22761*	1	2.03887*	1	4.31829*	1	57	3	1	835
2.04040*	1	4.44716*	1	2.04194*	1	4.60939*	1	2.04550*	1	5.12287*	1	57	3	1	836

2.04748+	1	5.36572+	1	2.05450+	1	6.33636+	1	2.05492+	1	6.41485+	1	57	3	1	837
2.05739+	1	6.76585+	1	2.05820+	1	6.85306+	1	2.05930+	1	7.03694+	1	57	3	1	838
2.06100+	1	7.27294+	1	2.06270+	1	7.46443+	1	2.06360+	1	7.54542+	1	57	3	1	839
2.06461+	1	7.64413+	1	2.06708+	1	7.85246+	1	2.06730+	1	7.88498+	1	57	3	1	840
2.07270+	1	8.77293+	1	2.07452+	1	9.01396+	1	2.07640+	1	9.81615+	1	57	3	1	841
2.08006+	1	1.12932+	2	2.08190+	1	1.26551+	2	2.08397+	1	1.42765+	2	57	3	1	842
2.08792+	1	1.86705+	2	2.09090+	1	2.30198+	2	2.09353+	1	2.67398+	2	57	3	1	843
2.10000+	1	3.56870+	2	2.10105+	1	3.70016+	2	2.10355+	1	3.90249+	2	57	3	1	844
2.10360+	1	3.90436+	2	2.10548+	1	3.98662+	2	2.10720+	1	4.00270+	2	57	3	1	845
2.10892+	1	3.96072+	2	2.10910+	1	3.95023+	2	2.11085+	1	3.82735+	2	57	3	1	846
2.11270+	1	3.62531+	2	2.11335+	1	3.50538+	2	2.11820+	1	2.84383+	2	57	3	1	847
2.12087+	1	2.47283+	2	2.12180+	1	2.33415+	2	2.12640+	1	1.69259+	2	57	3	1	848
2.12648+	1	1.68128+	2	2.13375+	1	8.99762+	1	2.13640+	1	7.78024+	1	57	3	1	849
2.14000+	1	5.94554+	1	2.14393+	1	3.97449+	1	2.14550+	1	3.79128+	1	57	3	1	850
2.15450+	1	2.64366+	1	2.15906+	1	2.08160+	1	2.17270+	1	1.73566+	1	57	3	1	851
2.18293+	1	1.54549+	1	2.19090+	1	1.52486+	1	2.19857+	1	1.49671+	1	57	3	1	852
2.20910+	1	1.51037+	1	2.21488+	1	1.52976+	1	2.22730+	1	1.65088+	1	57	3	1	853
2.23979+	1	1.80335+	1	2.24550+	1	2.01552+	1	2.25558+	1	2.38782+	1	57	3	1	854
2.26360+	1	3.44715+	1	2.26620+	1	3.79804+	1	2.27379+	1	6.00291+	1	57	3	1	855
2.27963+	1	8.36034+	1	2.28190+	1	9.20737+	1	2.28749+	1	1.13052+	2	57	3	1	856
2.29010+	1	1.19414+	2	2.29210+	1	1.22530+	2	2.29390+	1	1.23881+	2	57	3	1	857
2.29570+	1	1.23853+	2	2.29770+	1	1.22284+	2	2.30000+	1	1.18672+	2	57	3	1	858
2.30031+	1	1.18275+	2	2.30817+	1	1.02802+	2	2.31150+	1	1.01033+	2	57	3	1	859
2.31401+	1	9.91020+	1	2.31743+	1	1.04908+	2	2.32088+	1	1.18550+	2	57	3	1	860
2.32300+	1	1.32883+	2	2.32679+	1	1.57866+	2	2.33472+	1	2.23913+	2	57	3	1	861
2.33736+	1	2.42460+	2	2.33938+	1	2.53876+	2	2.34120+	1	2.61569+	2	57	3	1	862
2.34302+	1	2.66664+	2	2.34504+	1	2.69221+	2	2.34600+	1	2.68715+	2	57	3	1	863
2.34768+	1	2.68152+	2	2.35100+	1	2.60457+	2	2.35504+	1	2.44048+	2	57	3	1	864
2.35824+	1	2.27807+	2	2.36070+	1	2.14397+	2	2.36290+	1	2.02119+	2	57	3	1	865
2.36510+	1	1.89804+	2	2.36756+	1	1.76164+	2	2.36900+	1	1.68330+	2	57	3	1	866
2.37076+	1	1.58723+	2	2.38039+	1	1.10271+	2	2.38740+	1	8.30827+	1	57	3	1	867
2.38756+	1	8.24173+	1	2.39641+	1	6.18779+	1	2.40110+	1	6.13127+	1	57	3	1	868
2.40382+	1	6.19789+	1	2.40983+	1	7.31062+	1	2.41030+	1	7.42999+	1	57	3	1	869
2.41791+	1	9.54312+	1	2.42059+	1	1.01927+	2	2.42265+	1	1.05966+	2	57	3	1	870
2.42450+	1	1.08692+	2	2.42675+	1	1.10465+	2	2.42841+	1	1.11250+	2	57	3	1	871
2.43074+	1	1.10616+	2	2.43308+	1	1.08454+	2	2.43515+	1	1.05421+	2	57	3	1	872
2.43700+	1	1.01967+	2	2.43790+	1	1.00029+	2	2.43885+	1	9.80051+	1	57	3	1	873
2.44092+	1	9.31780+	1	2.44361+	1	8.65716+	1	2.445170+	1	6.83390+	1	57	3	1	874
2.45214+	1	6.75265+	1	2.45412+	1	6.41852+	1	2.46090+	1	6.48450+	1	57	3	1	875
2.48390+	1	5.70708+	1	2.49039+	1	5.44126+	1	2.50243+	1	6.00433+	1	57	3	1	876
2.50690+	1	6.23680+	1	2.51170+	1	6.58304+	1	2.51610+	1	6.91575+	1	57	3	1	877
2.52000+	1	7.24334+	1	2.52334+	1	8.00439+	1	2.53450+	1	8.62872+	1	57	3	1	878
2.53757+	1	8.87547+	1	2.54684+	1	9.52752+	1	2.55104+	1	9.68261+	1	57	3	1	879
2.55290+	1	9.68657+	1	2.55524+	1	9.73221+	1	2.55750+	1	9.68550+	1	57	3	1	880
2.55900+	1	9.65744+	1	2.56276+	1	9.44061+	1	2.56696+	1	9.03849+	1	57	3	1	881
2.57130+	1	8.46899+	1	2.57242+	1	8.29285+	1	2.58510+	1	6.11180+	1	57	3	1	882
2.58886+	1	5.40995+	1	2.60110+	1	3.88409+	1	2.60340+	1	3.83785+	1	57	3	1	883
2.61260+	1	3.90778+	1	2.61698+	1	4.09703+	1	2.61781+	1	4.19751+	1	57	3	1	884
2.61824+	1	4.25186+	1	2.62180+	1	4.85244+	1	2.62639+	1	5.60740+	1	57	3	1	885
2.63267+	1	6.95679+	1	2.64111+	1	8.65033+	1	2.64391+	1	9.04186+	1	57	3	1	886
2.64480+	1	9.12927+	1	2.64607+	1	9.22335+	1	2.64800+	1	9.29433+	1	57	3	1	887
2.64993+	1	9.29464+	1	2.65209+	1	9.21245+	1	2.65400+	1	9.05634+	1	57	3	1	888
2.65489+	1	8.98341+	1	2.65949+	1	8.36218+	1	2.66529+	1	7.31750+	1	57	3	1	889
2.66884+	1	6.64291+	1	2.67156+	1	6.14293+	1	2.67400+	1	5.72326+	1	57	3	1	890
2.67644+	1	5.33834+	1	2.67916+	1	4.95556+	1	2.68271+	1	4.53698+	1	57	3	1	891
2.69337+	1	3.80911+	1	2.69671+	1	3.72448+	1	2.69938+	1	3.69254+	1	57	3	1	892
2.70000+	1	3.69260+	1	2.70792+	1	3.71591+	1	2.71076+	1	3.72164+	1	57	3	1	893
2.71294+	1	3.71414+	1	2.71380+	1	3.70629+	1	2.71490+	1	3.69278+	1	57	3	1	894
2.71686+	1	3.65729+	1	2.71904+	1	3.60440+	1	2.72188+	1	3.52221+	1	57	3	1	895
2.73042+	1	3.24372+	1	2.73678+	1	3.19023+	1	2.73680+	1	3.19143+	1	57	3	1	896
2.74140+	1	3.45482+	1	2.74503+	1	3.66313+	1	2.74706+	1	3.91696+	1	57	3	1	897
2.74911+	1	4.24039+	1	2.75746+	1	6.28409+	1	2.75980+	1	7.08410+	1	57	3	1	898
2.76390+	1	8.48767+	1	2.77254+	1	1.12820+	2	2.77541+	1	1.18825+	2	57	3	1	899
2.77762+	1	1.21705+	2	2.77960+	1	1.22855+	2	2.78158+	1	1.22623+	2	57	3	1	900
2.78280+	1	1.21601+	2	2.78379+	1	1.20755+	2	2.78666+	1	1.16019+	2	57	3	1	901
2.79426+	1	9.51544+	1	2.80190+	1	7.21461+	1	2.80479+	1	6.50639+	1	57	3	1	902
2.80570+	1	6.31969+	1	2.80701+	1	6.05168+	1	2.80900+	1	5.71385+	1	57	3	1	903
2.81099+	1	5.44001+	1	2.81321+	1	5.20574+	1	2.81610+	1	5.00004+	1	57	3	1	904
2.82202+	1	4.83431+	1	2.82797+	1	4.82481+	1	2.82870+	1	4.82186+	1	57	3	1	905
2.83087+	1	4.81557+	1	2.83310+	1	4.78956+	1	2.83510+	1	4.74689+	1	57	3	1	906
2.83710+	1	4.68372+	1	2.83933+	1	4.58486+	1	2.84223+	1	4.42624+	1	57	3	1	907

2.84250+	1	4.40661+	1	2.85096+	1	3.78473+	1	4.85170+	1	3.72775+	1	57	3	1	908
2.85299+	1	3.63151+	1	2.85504+	1	3.48483+	1	4.86383+	1	2.96156+	1	57	3	1	909
2.86674+	1	2.82661+	1	2.86899+	1	2.73213+	1	4.87100+	1	2.65292+	1	57	3	1	910
2.87301+	1	2.57696+	1	2.87470+	1	2.51506+	1	4.87526+	1	2.49595+	1	57	3	1	911
2.87817+	1	2.39797+	1	2.88696+	1	2.11058+	1	4.88735+	1	1.94376+	1	57	3	1	912
2.89770+	1	1.86964+	1	2.90199+	1	1.77577+	1	4.91387+	1	1.66155+	1	57	3	1	913
2.91733+	1	1.65976+	1	2.92070+	1	1.67557+	1	2.92084+	1	1.67569+	1	57	3	1	914
2.93291+	1	1.92371+	1	2.94154+	1	2.47156+	1	2.94370+	1	2.67914+	1	57	3	1	915
2.94818+	1	3.11916+	1	2.95711+	1	3.97890+	1	4.96008+	1	4.16153+	1	57	3	1	916
2.96236+	1	4.24393+	1	2.96440+	1	4.26983+	1	4.96644+	1	4.24891+	1	57	3	1	917
2.96670+	1	4.24022+	1	2.96872+	1	4.18043+	1	2.97169+	1	4.01583+	1	57	3	1	918
2.98062+	1	3.19345+	1	2.98726+	1	2.55265+	1	2.98970+	1	2.39471+	1	57	3	1	919
2.99589+	1	1.96757+	1	3.00000+	1	1.87129+	1	3.00796+	1	1.70643+	1	57	3	1	920
3.01133+	1	1.71862+	1	3.01475+	1	1.77095+	1	3.02290+	1	2.05340+	1	57	3	1	921
3.02701+	1	2.18736+	1	3.03578+	1	2.84307+	1	3.04253+	1	3.59744+	1	57	3	1	922
3.04570+	1	4.06562+	1	3.05160+	1	4.94335+	1	3.05461+	1	5.47524+	1	57	3	1	923
3.05692+	1	5.91584+	1	3.05900+	1	6.33511+	1	3.06108+	1	6.77757+	1	57	3	1	924
3.06339+	1	7.29688+	1	3.06640+	1	8.00290+	1	3.06860+	1	8.51756+	1	57	3	1	925
3.07247+	1	9.42673+	1	3.07770+	1	1.03851+	2	3.07856+	1	1.05395+	2	57	3	1	926
3.08159+	1	1.08229+	2	3.08392+	1	1.08829+	2	3.08600+	1	1.08084+	2	57	3	1	927
3.08808+	1	1.06098+	2	3.09041+	1	1.02463+	2	3.09140+	1	1.00267+	2	57	3	1	928
3.09344+	1	9.57961+	1	3.09600+	1	8.79222+	1	3.10255+	1	6.76605+	1	57	3	1	929
3.10933+	1	4.69383+	1	3.10970+	1	4.61614+	1	3.11470+	1	3.65220+	1	57	3	1	930
3.11813+	1	2.87569+	1	3.13045+	1	1.91958+	1	3.13710+	1	1.90716+	1	57	3	1	931
3.14592+	1	1.94128+	1	3.16000+	1	2.88578+	1	3.16169+	1	2.97865+	1	57	3	1	932
3.16910+	1	4.89689+	1	3.17425+	1	6.08277+	1	3.18290+	1	1.09432+	2	57	3	1	933
3.18322+	1	1.11196+	2	3.18740+	1	1.43397+	2	3.19013+	1	1.65454+	2	57	3	1	934
3.19660+	1	2.15023+	2	3.19942+	1	2.35853+	2	3.20250+	1	2.50313+	2	57	3	1	935
3.20487+	1	2.56914+	2	3.20570+	1	2.57773+	2	3.20700+	1	2.59126+	2	57	3	1	936
3.20913+	1	2.57727+	2	3.21150+	1	2.51989+	2	3.21458+	1	2.38526+	2	57	3	1	937
3.21940+	1	2.03729+	2	3.22387+	1	1.71477+	2	3.22860+	1	1.34326+	2	57	3	1	938
3.23078+	1	1.17169+	2	3.23975+	1	6.50431+	1	3.25140+	1	3.34585+	1	57	3	1	939
3.25231+	1	3.10500+	1	3.27098+	1	1.91863+	1	3.27430+	1	1.86477+	1	57	3	1	940
3.27870+	1	1.82972+	1	3.28659+	1	1.86365+	1	3.29710+	1	2.30411+	1	57	3	1	941
3.30568+	1	2.60216+	1	3.31852+	1	5.52186+	1	3.32000+	1	6.38247+	1	57	3	1	942
3.32769+	1	1.09002+	2	3.33475+	1	1.70079+	2	3.34425+	1	2.50996+	2	57	3	1	943
3.34740+	1	2.48634+	2	3.34983+	1	2.76944+	2	3.35200+	1	2.80042+	2	57	3	1	944
3.35417+	1	2.78136+	2	3.35660+	1	2.71112+	2	3.35975+	1	2.55005+	2	57	3	1	945
3.36110+	1	2.43946+	2	3.36925+	1	1.79285+	2	3.37490+	1	1.32954+	2	57	3	1	946
3.37631+	1	1.21477+	2	3.38548+	1	7.34717+	1	3.38860+	1	6.92183+	1	57	3	1	947
3.39423+	1	6.15268+	1	3.40310+	1	8.14600+	1	3.41140+	1	1.32404+	2	57	3	1	948
3.41238+	1	1.38446+	2	3.41954+	1	2.03425+	2	3.42915+	1	2.89520+	2	57	3	1	949
3.43234+	1	3.09062+	2	3.43470+	1	3.17018+	2	3.43480+	1	3.18401+	2	57	3	1	950
3.43700+	1	3.20373+	2	3.43920+	1	3.18382+	2	3.44166+	1	3.11680+	2	57	3	1	951
3.44340+	1	3.03543+	2	3.44485+	1	3.06452+	2	3.44800+	1	3.05630+	2	57	3	1	952
3.45260+	1	2.85858+	2	3.45446+	1	2.76817+	2	3.45710+	1	2.66304+	2	57	3	1	953
3.46092+	1	2.45214+	2	3.46170+	1	2.43308+	2	3.46630+	1	2.24858+	2	57	3	1	954
3.46742+	1	2.21477+	2	3.47090+	1	2.25118+	2	3.47540+	1	2.33982+	2	57	3	1	955
3.47710+	1	2.37446+	2	3.48031+	1	2.52076+	2	3.48278+	1	2.65455+	2	57	3	1	956
3.48460+	1	2.76479+	2	3.48500+	1	2.79152+	2	3.48722+	1	2.95329+	2	57	3	1	957
3.48910+	1	3.10490+	2	3.48969+	1	3.14915+	2	3.49290+	1	3.41419+	2	57	3	1	958
3.50181+	1	4.26521+	2	3.50290+	1	4.36007+	2	3.51076+	1	5.09723+	2	57	3	1	959
3.51399+	1	5.28284+	2	3.51647+	1	5.35820+	2	3.51870+	1	5.36954+	2	57	3	1	960
3.52093+	1	5.32531+	2	3.52150+	1	5.30477+	2	3.52325+	1	5.22025+	2	57	3	1	961
3.52570+	1	5.00247+	2	3.53000+	1	4.57919+	2	3.53675+	1	3.64904+	2	57	3	1	962
3.54428+	1	2.60527+	2	3.54860+	1	2.15447+	2	3.55407+	1	1.61477+	2	57	3	1	963
3.56409+	1	1.06474+	2	3.57140+	1	9.14771+	1	3.58639+	1	5.81425+	1	57	3	1	964
3.59430+	1	5.15296+	1	3.60820+	1	4.08790+	1	3.62497+	1	3.41775+	1	57	3	1	965
3.64000+	1	3.03267+	1	3.65503+	1	2.76048+	1	2.66290+	1	2.65668+	1	57	3	1	966
3.67180+	1	2.51253+	1	3.68570+	1	2.34543+	1	3.69361+	1	2.25873+	1	57	3	1	967
3.69500+	1	2.24638+	1	3.69639+	1	2.23433+	1	3.70860+	1	2.14752+	1	57	3	1	968
3.71820+	1	2.17163+	1	3.73140+	1	2.23097+	1	3.73497+	1	2.23517+	1	57	3	1	969
3.75000+	1	2.27308+	1	3.75430+	1	2.29498+	1	3.76503+	1	2.32135+	1	57	3	1	970
3.77710+	1	2.44810+	1	3.78180+	1	2.48826+	1	3.80000+	1	3.08933+	1	57	3	1	971
3.80361+	1	3.21481+	1	3.81666+	1	3.88913+	1	3.81927+	1	4.00139+	1	57	3	1	972
3.82290+	1	4.12224+	1	3.82363+	1	4.14563+	1	3.82699+	1	4.20750+	1	57	3	1	973
3.83000+	1	4.22485+	1	3.83301+	1	4.20480+	1	3.83637+	1	4.13969+	1	57	3	1	974
3.84073+	1	3.99547+	1	3.84570+	1	3.74773+	1	3.85388+	1	3.32130+	1	57	3	1	975
3.86366+	1	2.84698+	1	3.86860+	1	2.73778+	1	3.87637+	1	2.58836+	1	57	3	1	976
3.89140+	1	3.30855+	1	3.89225+	1	3.33890+	1	3.90469+	1	6.09978+	1	57	3	1	977
3.91430+	1	1.10681+	2	3.91444+	1	1.12479+	2	3.92230+	1	1.70205+	2	57	3	1	978

3.92340+	1	1.78188+	2	3.92800+	1	2.18025+	2	3.93260+	1	2.51843+	2	57	3	1	979
3.93601+	1	2.68274+	2	3.93710+	1	2.71594+	2	3.93864+	1	2.75511+	2	57	3	1	980
3.94100+	1	2.77671+	2	3.94336+	1	2.75980+	2	3.94599+	1	2.69657+	2	57	3	1	981
3.94940+	1	2.55069+	2	3.95090+	1	2.44768+	2	3.95970+	1	1.86095+	2	57	3	1	982
3.96000+	1	1.83932+	2	3.96542+	1	1.45260+	2	3.96910+	1	1.23374+	2	57	3	1	983
3.97118+	1	1.11008+	2	3.98154+	1	7.25359+	1	3.98290+	1	6.96340+	1	57	3	1	984
3.98498+	1	6.52101+	1	3.98763+	1	6.08035+	1	3.99000+	1	5.75239+	1	57	3	1	985
3.99237+	1	5.47140+	1	3.99502+	1	5.19820+	1	3.99660+	1	5.05525+	1	57	3	1	986
3.99846+	1	4.87087+	1	4.00882+	1	4.05572+	1	4.01652+	1	3.69586+	1	57	3	1	987
4.01940+	1	3.65581+	1	4.02167+	1	3.65368+	1	4.02687+	1	3.78577+	1	57	3	1	988
4.03464+	1	4.18498+	1	4.04508+	1	4.80900+	1	4.04854+	1	4.95710+	1	57	3	1	989
4.05121+	1	5.03352+	1	4.05140+	1	5.03646+	1	4.05360+	1	5.08599+	1	57	3	1	990
4.05599+	1	5.10883+	1	4.05866+	1	5.09834+	1	4.06212+	1	5.03229+	1	57	3	1	991
4.06970+	1	4.72777+	1	4.07256+	1	4.61498+	1	4.07430+	1	4.54572+	1	57	3	1	992
4.07890+	1	4.31079+	1	4.08033+	1	4.22606+	1	4.08247+	1	4.12659+	1	57	3	1	993
4.08634+	1	3.98819+	1	4.09710+	1	4.01491+	1	4.10049+	1	4.00838+	1	57	3	1	994
4.11949+	1	5.02786+	1	4.12000+	1	5.06424+	1	4.12580+	1	5.52836+	1	57	3	1	995
4.13065+	1	5.92139+	1	4.13500+	1	6.27905+	1	4.13935+	1	6.65917+	1	57	3	1	996
4.14290+	1	7.01835+	1	4.14420+	1	7.12336+	1	4.15042+	1	7.83088+	1	57	3	1	997
4.15388+	1	8.38087+	1	4.15658+	1	8.90552+	1	4.15660+	1	8.91011+	1	57	3	1	998
4.15900+	1	9.53379+	1	4.16142+	1	1.02343+	2	4.16412+	1	1.10925+	2	57	3	1	999
4.16570+	1	1.16341+	2	4.16763+	1	1.22803+	2	4.17313+	1	1.41628+	2	57	3	1	1000
4.17864+	1	1.57903+	2	4.17940+	1	1.59473+	2	4.18216+	1	1.65537+	2	57	3	1	1001
4.18487+	1	1.69186+	2	4.18730+	1	1.70550+	2	4.18973+	1	1.70059+	2	57	3	1	1002
4.19244+	1	1.67392+	2	4.19596+	1	1.60965+	2	4.19770+	1	1.55948+	2	57	3	1	1003
4.20511+	1	1.32692+	2	4.21140+	1	1.12129+	2	4.21430+	1	1.02464+	2	57	3	1	1004
4.21784+	1	9.26212+	1	4.22056+	1	8.59605+	1	4.22300+	1	8.06364+	1	57	3	1	1005
4.22544+	1	7.58741+	1	4.22816+	1	7.11610+	1	4.22970+	1	6.88657+	1	57	3	1	1006
4.23170+	1	6.65235+	1	4.23890+	1	6.16785+	1	4.24236+	1	5.87957+	1	57	3	1	1007
4.24594+	1	5.75318+	1	4.24954+	1	5.70435+	1	4.25710+	1	5.78296+	1	57	3	1	1008
4.26025+	1	5.76052+	1	4.26381+	1	5.72049+	1	4.26655+	1	5.65482+	1	57	3	1	1009
4.26900+	1	5.56014+	1	4.27090+	1	5.45771+	1	4.27145+	1	5.44845+	1	57	3	1	1010
4.27419+	1	5.35796+	1	4.27775+	1	5.17738+	1	4.28000+	1	5.02354+	1	57	3	1	1011
4.28846+	1	4.49488+	1	4.28910+	1	4.47374+	1	4.29644+	1	3.84125+	1	57	3	1	1012
4.30290+	1	3.75679+	1	4.30425+	1	3.75882+	1	4.31214+	1	4.49758+	1	57	3	1	1013
4.32018+	1	5.88512+	1	4.32110+	1	6.05739+	1	4.33030+	1	7.87994+	1	57	3	1	1014
4.33098+	1	8.06658+	1	4.33457+	1	8.46088+	1	4.33733+	1	8.68170+	1	57	3	1	1015
4.33980+	1	8.77328+	1	4.34227+	1	8.76189+	1	4.34503+	1	8.63256+	1	57	3	1	1016
4.34860+	1	8.30530+	1	4.34862+	1	8.30391+	1	4.35942+	1	6.97266+	1	57	3	1	1017
4.36483+	1	6.36831+	1	4.36690+	1	6.22639+	1	4.37026+	1	5.98822+	1	57	3	1	1018
4.38060+	1	5.92966+	1	4.38113+	1	5.93000+	1	4.38474+	1	6.04375+	1	57	3	1	1019
4.38751+	1	6.13312+	1	4.39000+	1	6.19829+	1	4.39249+	1	6.24344+	1	57	3	1	1020
4.39350+	1	6.25477+	1	4.39451+	1	6.26171+	1	4.39700+	1	6.25944+	1	57	3	1	1021
4.39949+	1	6.23039+	1	4.40227+	1	6.17032+	1	4.40340+	1	6.13626+	1	57	3	1	1022
4.40588+	1	6.03512+	1	4.41675+	1	5.64098+	1	4.41710+	1	5.64558+	1	57	3	1	1023
4.42484+	1	5.64411+	1	4.42839+	1	5.81571+	1	4.43196+	1	6.10011+	1	57	3	1	1024
4.44000+	1	7.07616+	1	4.44011+	1	7.09074+	1	4.45106+	1	8.78832+	1	57	3	1	1025
4.45470+	1	9.22963+	1	4.45749+	1	9.48680+	1	4.46000+	1	9.64667+	1	57	3	1	1026
4.46251+	1	9.73553+	1	4.46290+	1	9.73758+	1	4.46530+	1	9.72694+	1	57	3	1	1027
4.46894+	1	9.68326+	1	4.47134+	1	9.41906+	1	4.47635+	1	8.93500+	1	57	3	1	1028
4.48394+	1	7.98877+	1	4.48570+	1	7.75643+	1	4.48977+	1	7.25526+	1	57	3	1	1029
4.49500+	1	6.64405+	1	4.50023+	1	6.08226+	1	4.50606+	1	5.51379+	1	57	3	1	1030
4.50860+	1	5.29254+	1	4.51365+	1	4.82900+	1	4.53140+	1	3.64636+	1	57	3	1	1031
4.53649+	1	3.31996+	1	4.55154+	1	3.05831+	1	4.55430+	1	3.08575+	1	57	3	1	1032
4.55884+	1	3.12422+	1	4.56994+	1	3.28084+	1	4.57363+	1	3.30615+	1	57	3	1	1033
4.57646+	1	3.30567+	1	4.57710+	1	3.30124+	1	4.57900+	1	3.28773+	1	57	3	1	1034
4.58154+	1	3.25254+	1	4.58437+	1	3.19331+	1	4.58806+	1	3.08769+	1	57	3	1	1035
4.59916+	1	2.65398+	1	4.60000+	1	2.62008+	1	4.60741+	1	2.34355+	1	57	3	1	1036
4.61810+	1	2.16867+	1	4.61813+	1	2.16815+	1	4.62873+	1	2.35145+	1	57	3	1	1037
4.63630+	1	2.85063+	1	4.63944+	1	3.07741+	1	4.65028+	1	4.64269+	1	57	3	1	1038
4.65440+	1	5.53597+	1	4.65863+	1	6.40947+	1	4.66984+	1	9.22232+	1	57	3	1	1039
4.67260+	1	9.89819+	1	4.67357+	1	1.01333+	2	4.67643+	1	1.07741+	2	57	3	1	1040
4.67900+	1	1.12887+	2	4.68157+	1	1.17326+	2	4.68443+	1	1.21293+	2	57	3	1	1041
4.68816+	1	1.24666+	2	4.69004+	1	1.25535+	2	4.69192+	1	1.25821+	2	57	3	1	1042
4.69565+	1	1.24622+	2	4.69853+	1	1.22145+	2	4.70110+	1	1.18840+	2	57	3	1	1043
4.70367+	1	1.14601+	2	4.70655+	1	1.08913+	2	4.71028+	1	1.00329+	2	57	3	1	1044
4.72152+	1	7.12766+	1	4.72700+	1	5.88001+	1	4.72989+	1	5.24232+	1	57	3	1	1045
4.74075+	1	3.73508+	1	4.74510+	1	3.53182+	1	4.74881+	1	3.39081+	1	57	3	1	1046
4.75695+	1	3.73507+	1	4.76330+	1	4.62949+	1	4.76792+	1	5.24364+	1	57	3	1	1047
4.77410+	1	6.60431+	1	4.77637+	1	7.05801+	1	4.78773+	1	9.59741+	1	57	3	1	1048
4.78870+	1	9.77547+	1	4.79150+	1	1.03074+	2	4.79440+	1	1.07542+	2	57	3	1	1049

4.79590	1	1.09334	2	4.79700	1	1.10284	2	4.79960	1	1.11640	2	57	3	1	1050
4.80250	1	1.12081	2	4.80627	1	1.11066	2	4.80680	1	1.10623	2	57	3	1	1051
4.81347	1	1.07532	2	4.81770	1	1.03488	2	4.82070	1	1.01768	2	57	3	1	1052
4.82448	1	9.88303	1	4.82739	1	9.63910	1	4.82860	1	9.53522	1	57	3	1	1053
4.83000	1	9.36769	1	4.83261	1	9.05642	1	4.83552	1	8.71818	1	57	3	1	1054
4.83930	1	8.30955	1	4.83950	1	8.29600	1	4.85070	1	7.95650	1	57	3	1	1055
4.85400	1	8.05449	1	4.85494	1	8.05695	1	4.85919	1	8.21418	1	57	3	1	1056
4.86120	1	8.35963	1	4.86850	1	8.72184	1	4.87065	1	8.73265	1	57	3	1	1057
4.87445	1	8.72010	1	4.87738	1	8.64602	1	4.88000	1	8.52268	1	57	3	1	1058
4.88262	1	8.73748	1	4.88555	1	8.05817	1	4.88660	1	7.93014	1	57	3	1	1059
4.88935	1	7.71313	1	4.88999	1	7.65398	1	4.89063	1	7.59270	1	57	3	1	1060
4.89340	1	7.70671	1	4.89444	1	7.22987	1	4.89737	1	7.00697	1	57	3	1	1061
4.90000	1	6.82808	1	4.90110	1	6.77005	1	4.90263	1	6.72693	1	57	3	1	1062
4.90556	1	6.71338	1	4.90937	1	6.83317	1	4.91200	1	7.15528	1	57	3	1	1063
4.91930	1	7.75594	1	4.92085	1	7.86745	1	4.92086	1	7.86809	1	57	3	1	1064
4.92086	1	7.86874	1	4.93239	1	9.43079	1	4.93380	1	9.55625	1	57	3	1	1065
4.93622	1	9.83893	1	4.93916	1	1.00457	2	4.94180	1	1.01113	2	57	3	1	1066
4.94444	1	1.00573	2	4.94738	1	9.85747	1	4.95121	1	9.39877	1	57	3	1	1067
4.95560	1	8.57359	1	4.96274	1	7.19924	1	4.96640	1	6.54015	1	57	3	1	1068
4.97132	1	5.56181	1	4.97618	1	4.89662	1	4.97730	1	4.80686	1	57	3	1	1069
4.98108	1	4.46113	1	4.98971	1	4.30787	1	4.99550	1	4.65640	1	57	3	1	1070
5.00132	1	5.06820	1	5.00518	1	5.47438	1	5.00814	1	5.81589	1	57	3	1	1071
5.01080	1	6.14073	1	5.01346	1	6.48237	1	5.01642	1	6.88275	1	57	3	1	1072
5.01720	1	6.99334	1	5.02028	1	7.44617	1	5.02867	1	8.73133	1	57	3	1	1073
5.03709	1	9.85518	1	5.04096	1	1.02017	2	5.04393	1	1.03614	2	57	3	1	1074
5.04660	1	1.04158	2	5.04927	1	1.03926	2	5.05224	1	1.02623	2	57	3	1	1075
5.05611	1	9.96030	1	5.06082	1	9.45591	1	5.06651	1	8.80503	1	57	3	1	1076
5.07118	1	8.39134	1	5.07478	1	8.23242	1	5.07800	1	8.25446	1	57	3	1	1077
5.08122	1	8.46214	1	5.08482	1	8.93859	1	5.08949	1	9.97040	1	57	3	1	1078
5.10357	1	1.55938	2	5.10461	1	1.61048	2	5.10547	1	1.65341	2	57	3	1	1079
5.11721	1	2.18896	2	5.12111	1	2.30966	2	5.12411	1	2.37123	2	57	3	1	1080
5.12680	1	2.40078	2	5.12949	1	2.40521	2	5.13249	1	2.38146	2	57	3	1	1081
5.13639	1	2.30873	2	5.14487	1	2.02952	2	5.15338	1	1.68016	2	57	3	1	1082
5.15729	1	1.52642	2	5.16030	1	1.41784	2	5.16300	1	1.32965	2	57	3	1	1083
5.16570	1	1.25115	2	5.16871	1	1.17575	2	5.17262	1	1.09771	2	57	3	1	1084
5.18050	1	1.03144	2	5.18440	1	9.98733	1	5.18852	1	1.00880	2	57	3	1	1085
5.19395	1	1.05053	2	5.20945	1	1.24992	2	5.21459	1	1.30115	2	57	3	1	1086
5.21855	1	1.32260	2	5.22210	1	1.32552	2	5.22565	1	1.31182	2	57	3	1	1087
5.22961	1	1.27704	2	5.23475	1	1.20407	2	5.25025	1	8.75539	1	57	3	1	1088
5.25310	1	8.16197	1	5.26179	1	6.42970	1	5.27120	1	5.19582	1	57	3	1	1089
5.27676	1	4.41764	1	5.29072	1	3.49977	1	5.30152	1	3.35741	1	57	3	1	1090
5.31310	1	3.71327	1	5.32203	1	4.27670	1	5.32560	1	4.50820	1	57	3	1	1091
5.33401	1	5.05125	1	5.33799	1	5.21111	1	5.34106	1	5.27816	1	57	3	1	1092
5.34380	1	5.29205	1	5.34654	1	5.29703	1	5.34961	1	5.25077	1	57	3	1	1093
5.35359	1	5.11723	1	5.36190	1	4.63348	1	5.36557	1	4.37339	1	57	3	1	1094
5.37450	1	3.76307	1	5.37839	1	3.56777	1	5.38000	1	3.50968	1	57	3	1	1095
5.38231	1	3.40604	1	5.39128	1	3.20034	1	5.40000	1	3.18599	1	57	3	1	1096
5.40335	1	3.19126	1	5.40736	1	3.20398	1	5.41044	1	3.20295	1	57	3	1	1097
5.41320	1	3.19105	1	5.41596	1	3.16760	1	5.41810	1	3.13997	1	57	3	1	1098
5.41904	1	3.13280	1	5.42305	1	3.08971	1	5.43512	1	2.93117	1	57	3	1	1099
5.43630	1	2.94072	1	5.44409	1	3.00823	1	5.45440	1	3.76276	1	57	3	1	1100
5.45575	1	3.86258	1	5.45960	1	4.46266	1	5.46349	1	5.28299	1	57	3	1	1101
5.47260	1	8.39751	1	5.47524	1	9.30805	1	5.48430	1	1.37983	2	57	3	1	1102
5.49070	1	1.68990	2	5.49647	1	1.96625	2	5.50051	1	2.09513	2	57	3	1	1103
5.50362	1	2.15846	2	5.50640	1	2.18531	2	5.50880	1	2.18358	2	57	3	1	1104
5.50918	1	2.18298	2	5.51229	1	2.14508	2	5.51633	1	2.04909	2	57	3	1	1105
5.52700	1	1.63230	2	5.52850	1	1.57507	2	5.53756	1	1.24622	2	57	3	1	1106
5.54506	1	1.09374	2	5.54510	1	1.09369	2	5.55262	1	1.07813	2	57	3	1	1107
5.56174	1	1.21034	2	5.56330	1	1.24817	2	5.57400	1	1.50430	2	57	3	1	1108
5.57807	1	1.59681	2	5.58120	1	1.65920	2	5.58140	1	1.66264	2	57	3	1	1109
5.58400	1	1.70440	2	5.58680	1	1.74143	2	5.58993	1	1.77374	2	57	3	1	1110
5.59400	1	1.80371	2	5.59549	1	1.81252	2	5.59698	1	1.82089	2	57	3	1	1111
5.59950	1	1.83510	2	5.60105	1	1.84869	2	5.60419	1	1.88124	2	57	3	1	1112
5.60700	1	1.91848	2	5.60981	1	1.96671	2	5.61295	1	2.03691	2	57	3	1	1113
5.61702	1	2.15809	2	5.61770	1	2.18817	2	5.62836	1	2.65975	2	57	3	1	1114
5.62860	1	2.67116	2	5.63580	1	2.96156	2	5.63974	1	3.11340	2	57	3	1	1115
5.64310	1	3.18250	2	5.64383	1	3.20377	2	5.64698	1	3.24885	2	57	3	1	1116
5.64980	1	3.24983	2	5.65262	1	3.21171	2	5.65577	1	3.12350	2	57	3	1	1117
5.65986	1	2.94273	2	5.66490	1	2.60271	2	5.67219	1	2.12926	2	57	3	1	1118
5.67940	1	1.63663	2	5.68136	1	1.49054	2	5.69020	1	1.00979	2	57	3	1	1119
5.69327	1	8.46691	1	5.70994	1	4.47852	1	5.71200	1	4.27659	1	57	3	1	1120

5.71453+	1	4.04203+	1	5.71917+	1	3.78709+	1	5.72650+	1	3.85112+	1	57	3	1	1121
5.73603.	1	3.94852+	1	5.74808+	1	5.05947.	1	5.75735+	1	6.50409+	1	57	3	1	1122
5.76280.	1	7.65050+	1	5.76982+	1	9.12042.	1	5.77396+	1	1.00822+	2	57	3	1	1123
5.77715+	1	1.08205+	2	5.78000+	1	1.14636.	2	5.78100.	1	1.16782+	2	57	3	1	1124
5.78285+	1	1.20518+	2	5.78604+	1	1.26319.	2	5.79018+	1	1.32536+	2	57	3	1	1125
5.79299.	1	1.35661+	2	5.79580+	1	1.37745.	2	5.79910+	1	1.38490+	2	57	3	1	1126
5.79995.	1	1.38962+	2	5.80314+	1	1.38907.	2	5.80600+	1	1.37514+	2	57	3	1	1127
5.80886+	1	1.34932+	2	5.81205+	1	1.30828.	2	5.81620+	1	1.24031+	2	57	3	1	1128
5.81720+	1	1.22243+	2	5.82870+	1	9.84654+	1	5.83170+	1	9.44377+	1	57	3	1	1129
5.83662+	1	8.85054+	1	5.83900+	1	8.78834+	1	5.84458+	1	8.59283+	1	57	3	1	1130
5.84990+	1	8.80574+	1	5.85710+	1	9.05101+	1	5.85715+	1	9.05346+	1	57	3	1	1131
5.86132+	1	9.23105+	1	5.86453+	1	9.28448.	1	5.86740+	1	9.25558+	1	57	3	1	1132
5.86800+	1	9.23197+	1	5.87027+	1	9.15289.	1	5.87348+	1	8.93892+	1	57	3	1	1133
5.87765+	1	8.50800+	1	5.88250+	1	7.74238.	1	5.89022+	1	6.57998+	1	57	3	1	1134
5.89956+	1	5.09026+	1	5.90070+	1	4.96481.	1	5.91160+	1	3.64583+	1	57	3	1	1135
5.91170+	1	3.63332+	1	5.92145+	1	2.98180.	1	5.93129+	1	2.73563+	1	57	3	1	1136
5.94354+	1	2.82305+	1	5.94420+	1	2.84230.	1	5.95297+	1	3.09971+	1	57	3	1	1137
5.96240+	1	3.53179+	1	5.96565+	1	3.68246.	1	5.96986+	1	3.92357+	1	57	3	1	1138
5.97310.	1	4.12402+	1	5.97600+	1	4.31485.	1	5.97890+	1	4.51563+	1	57	3	1	1139
5.98050+	1	4.63266+	1	5.98214+	1	4.75515.	1	5.98635+	1	5.08677+	1	57	3	1	1140
5.99736+	1	5.99102+	1	6.00084+	1	6.72769.	1	6.01264+	1	6.88822+	1	57	3	1	1141
6.01589+	1	6.04900+	1	6.01880+	1	6.95355.	1	6.02171+	1	6.91054+	1	57	3	1	1142
6.02496+	1	6.80960+	1	6.02919+	1	6.60432.	1	6.03490+	1	6.21134+	1	57	3	1	1143
6.04191+	1	5.72929+	1	6.05116+	1	5.20001.	1	6.06047+	1	5.00388+	1	57	3	1	1144
6.07326+	1	5.24265+	1	6.07751+	1	5.37975.	1	6.08077+	1	5.48031+	1	57	3	1	1145
6.08370+	1	5.55960+	1	6.08663+	1	5.62294.	1	6.08930+	1	5.66139+	1	57	3	1	1146
6.08989+	1	5.66995+	1	6.09414+	1	5.68797.	1	6.09833+	1	5.65466+	1	57	3	1	1147
6.10253+	1	5.57052+	1	6.10679+	1	5.43549.	1	6.11007+	1	5.30357+	1	57	3	1	1148
6.11300+	1	5.16624+	1	6.11593+	1	5.01458.	1	6.11921+	1	4.83200+	1	57	3	1	1149
6.12347+	1	4.58147+	1	6.12560+	1	4.45394.	1	6.12892+	1	4.25519+	1	57	3	1	1150
6.13854+	1	3.72744+	1	6.14605+	1	3.40350.	1	6.15183+	1	3.21756+	1	57	3	1	1151
6.15700+	1	3.09429+	1	6.16190+	1	3.00893.	1	6.16217+	1	3.00420+	1	57	3	1	1152
6.16795+	1	2.93320+	1	6.17350+	1	2.88348.	1	6.17905+	1	2.84626+	1	57	3	1	1153
6.18483+	1	2.81460+	1	6.19000+	1	2.79072.	1	6.19517+	1	2.77106+	1	57	3	1	1154
6.20095+	1	2.75486+	1	6.20846+	1	2.74355.	1	6.21676+	1	2.74250+	1	57	3	1	1155
6.21810+	1	2.74296+	1	6.22398+	1	2.73899.	1	6.22900+	1	2.73193+	1	57	3	1	1156
6.23050+	1	2.73203+	1	6.23551+	1	2.72568.	1	6.24000+	1	2.71287+	1	57	3	1	1157
6.24449+	1	2.69381+	1	6.24950+	1	2.66672.	1	6.25440+	1	2.63699+	1	57	3	1	1158
6.25602+	1	2.62777+	1	6.27260+	1	2.59453.	1	6.27565+	1	2.58513+	1	57	3	1	1159
6.27727+	1	2.59043+	1	6.27835+	1	2.59505.	1	6.29137+	1	2.72147+	1	57	3	1	1160
6.29570+	1	2.78745+	1	6.29902+	1	2.84770.	1	6.30200+	1	2.90699+	1	57	3	1	1161
6.30498+	1	2.97092+	1	6.30830+	1	3.04733.	1	6.31263+	1	3.15397+	1	57	3	1	1162
6.31698+	1	3.26881+	1	6.32135+	1	3.39065.	1	6.32568+	1	3.51601+	1	57	3	1	1163
6.32901+	1	3.61470+	1	6.33200+	1	3.70378.	1	6.33499+	1	3.79249+	1	57	3	1	1164
6.33832+	1	3.89094+	1	6.34265+	1	4.01308.	1	6.34421+	1	4.05506+	1	57	3	1	1165
6.34738+	1	4.13601+	1	6.35617+	1	4.32297.	1	6.36294+	1	4.42630+	1	57	3	1	1166
6.36900+	1	4.50114+	1	6.37410+	1	4.57451.	1	6.37506+	1	4.58831+	1	57	3	1	1167
6.38183+	1	4.75690+	1	6.39062+	1	5.21385.	1	6.39230+	1	5.40947+	1	57	3	1	1168
6.40320+	1	6.48282+	1	6.40976+	1	7.44479.	1	6.41410+	1	7.98830+	1	57	3	1	1169
6.41926+	1	8.62171+	1	6.42363+	1	8.95134.	1	6.42490+	1	8.99532+	1	57	3	1	1170
6.42699+	1	9.07429+	1	6.43000+	1	9.07289.	1	6.43220+	1	8.98903+	1	57	3	1	1171
6.43301+	1	8.96144+	1	6.43637+	1	8.71598.	1	6.44074+	1	8.21054+	1	57	3	1	1172
6.44310+	1	7.80015+	1	6.45389+	1	5.90984.	1	6.45400+	1	5.88959+	1	57	3	1	1173
6.46367+	1	4.17364+	1	6.46490+	1	4.02655.	1	6.47210+	1	3.16187+	1	57	3	1	1174
6.47637+	1	2.64791+	1	6.49020+	1	1.98577.	1	6.49416+	1	1.79573+	1	57	3	1	1175
6.50457+	1	1.64596+	1	6.51510+	1	1.60537.	1	6.52650+	1	1.71087+	1	57	3	1	1176
6.53309+	1	1.77094+	1	6.54470+	1	2.12757.	1	6.54594+	1	2.16508+	1	57	3	1	1177
6.55584+	1	2.62555+	1	6.56280+	1	2.95517.	1	6.56914+	1	3.25140+	1	57	3	1	1178
6.57356+	1	3.39644+	1	6.57696+	1	3.47338.	1	6.57730+	1	3.47801+	1	57	3	1	1179
6.58000+	1	3.51920+	1	6.58304+	1	3.53966.	1	6.58644+	1	3.53454+	1	57	3	1	1180
6.58820+	1	3.51798+	1	6.59086+	1	3.49366.	1	6.59910+	1	3.38103+	1	57	3	1	1181
6.60416+	1	3.30860+	1	6.61000+	1	3.28741.	1	6.61003+	1	3.28729+	1	57	3	1	1182
6.61593+	1	3.33317+	1	6.61720+	1	3.35685.	1	6.62929+	1	3.56728+	1	57	3	1	1183
6.63373+	1	3.62196+	1	6.63540+	1	3.62822.	1	6.63714+	1	3.63811+	1	57	3	1	1184
6.64020+	1	3.62811+	1	6.64326+	1	3.58956.	1	6.64630+	1	3.52059+	1	57	3	1	1185
6.64667+	1	3.51195+	1	6.65111+	1	3.35810.	1	6.65710+	1	3.05453+	1	57	3	1	1186
6.66447+	1	2.68922+	1	6.67442+	1	2.19754.	1	6.68232+	1	1.91641+	1	57	3	1	1187
6.68250+	1	1.91267+	1	6.68907+	1	1.74450.	1	6.70027+	1	1.66859+	1	57	3	1	1188
6.71372+	1	1.68889+	1	6.71819+	1	1.69809.	1	6.72162+	1	1.70037+	1	57	3	1	1189
6.72470+	1	1.69748+	1	6.72778+	1	1.68959.	1	6.73121+	1	1.67460+	1	57	3	1	1190



6.73568	1	1.64553	1	6.74913	1	1.52163	1	6.75913	1	1.42940	1	57	3	1	1191
6.76240	1	1.41012	1	6.77212	1	1.35235	1	6.78050	1	1.33844	1	57	3	1	1192
6.78409	1	1.33289	1	6.79616	1	1.36210	1	6.80926	1	1.45410	1	57	3	1	1193
6.81680	1	1.54112	1	6.81936	1	1.57090	1	6.83292	1	1.76599	1	57	3	1	1194
6.83743	1	1.82740	1	6.84090	1	1.87226	1	6.84400	1	1.90722	1	57	3	1	1195
6.84710	1	1.93746	1	6.84850	1	1.94944	1	6.84989	1	1.96045	1	57	3	1	1196
6.85300	1	1.98163	1	6.85611	1	1.99881	1	6.85957	1	2.01480	1	57	3	1	1197
6.86408	1	2.03453	1	6.87766	1	2.15977	1	6.88776	1	2.41346	1	57	3	1	1198
6.89104	1	2.53748	1	6.89435	1	2.68246	1	6.90450	1	3.22594	1	57	3	1	1199
6.91816	1	3.95521	1	6.92269	1	4.11988	1	6.92618	1	4.20281	1	57	3	1	1200
6.92930	1	4.24107	1	6.93242	1	4.24391	1	6.93591	1	4.20672	1	57	3	1	1201
6.94000	1	4.11094	1	6.94044	1	4.10603	1	6.95410	1	3.72403	1	57	3	1	1202
6.96190	1	3.52963	1	6.96425	1	3.45570	1	6.97744	1	3.50402	1	57	3	1	1203
6.98000	1	3.64517	1	6.98463	1	3.87493	1	6.99187	1	4.58854	1	57	3	1	1204
7.00000	1	6.06678	1	7.00517	1	6.90017	1	7.01541	1	9.47332	1	57	3	1	1205
7.01810	1	1.02318	2	7.02917	1	1.36190	2	7.03374	1	1.48520	2	57	3	1	1206
7.03630	1	1.54514	2	7.03725	1	1.56510	2	7.04040	1	1.61977	2	57	3	1	1207
7.04355	1	1.66246	2	7.04706	1	1.69507	2	7.05163	1	1.71325	2	57	3	1	1208
7.05440	1	1.70549	2	7.05768	1	1.69909	2	7.06374	1	1.64440	2	57	3	1	1209
7.06832	1	1.57832	2	7.07184	1	1.51502	2	7.07260	1	1.49949	2	57	3	1	1210
7.07500	1	1.45485	2	7.07816	1	1.38972	2	7.08168	1	1.31091	2	57	3	1	1211
7.08626	1	1.20146	2	7.09070	1	1.09242	2	7.10005	1	8.65438	1	57	3	1	1212
7.10880	1	6.85017	1	7.11032	1	6.52947	1	7.11787	1	5.33141	1	57	3	1	1213
7.12547	1	4.49787	1	7.12700	1	4.40620	1	7.13579	1	3.82169	1	57	3	1	1214
7.14967	1	3.50591	1	7.15428	1	3.47025	1	7.15600	1	3.46158	1	57	3	1	1215
7.15782	1	3.43519	1	7.16100	1	3.39416	1	7.16418	1	3.35812	1	57	3	1	1216
7.16772	1	3.32286	1	7.17233	1	3.30579	1	7.18140	1	3.50842	1	57	3	1	1217
7.18621	1	3.62514	1	7.19230	1	4.16934	1	7.19653	1	4.59371	1	57	3	1	1218
7.19950	1	5.03756	1	7.19989	1	5.09807	1	7.20327	1	5.69946	1	57	3	1	1219
7.20680	1	6.46525	1	7.21040	1	7.36559	1	7.21366	1	8.14680	1	57	3	1	1220
7.21770	1	9.12209	1	7.22761	1	1.12192	2	7.23220	1	1.18696	2	57	3	1	1221
7.23224	1	1.18757	2	7.23581	1	1.21971	2	7.23900	1	1.23304	2	57	3	1	1222
7.24219	1	1.23120	2	7.24576	1	1.21156	2	7.25030	1	1.16168	2	57	3	1	1223
7.25039	1	1.16095	2	7.26375	1	9.47757	1	7.26850	1	8.65559	1	57	3	1	1224
7.27210	1	7.62660	1	7.27846	1	6.16801	1	7.28300	1	5.32364	1	57	3	1	1225
7.28356	1	5.23442	1	7.28748	1	4.70397	1	7.29020	1	4.38861	1	57	3	1	1226
7.29100	1	4.29423	1	7.29452	1	3.93609	1	7.29750	1	3.67603	1	57	3	1	1227
7.29844	1	3.59949	1	7.30354	1	3.25835	1	7.30840	1	3.03596	1	57	3	1	1228
7.31891	1	2.55274	1	7.32650	1	2.32975	1	7.33035	1	2.20842	1	57	3	1	1229
7.34519	1	1.90641	1	7.36280	1	1.77509	1	7.36597	1	1.75043	1	57	3	1	1230
7.37604	1	1.99385	1	7.38100	1	1.88411	1	7.38532	1	1.96199	1	57	3	1	1231
7.39910	1	2.86926	1	7.40447	1	3.22796	1	7.41815	1	5.53831	1	57	3	1	1232
7.42868	1	8.15536	1	7.44240	1	1.16103	2	7.44284	1	1.16765	2	57	3	1	1233
7.44754	1	1.26038	2	7.45116	1	1.31084	2	7.45440	1	1.33886	2	57	3	1	1234
7.45710	1	1.34828	2	7.45744	1	1.35179	2	7.46126	1	1.35640	2	57	3	1	1235
7.46596	1	1.33533	2	7.47890	1	1.18065	2	7.48012	1	1.15862	2	57	3	1	1236
7.48250	1	1.11385	2	7.48563	1	1.03447	2	7.48620	1	1.02184	2	57	3	1	1237
7.48980	1	9.15686	1	7.49117	1	8.87504	1	7.49340	1	8.58501	1	57	3	1	1238
7.49710	1	8.10863	1	7.50430	1	7.28730	1	7.50539	1	7.16960	1	57	3	1	1239
7.50790	1	7.06671	1	7.51011	1	6.99255	1	7.51375	1	6.94800	1	57	3	1	1240
7.51700	1	6.95046	1	7.51880	1	6.96729	1	7.52025	1	7.00079	1	57	3	1	1241
7.52389	1	7.10364	1	7.52861	1	7.24408	1	7.53553	1	7.40649	1	57	3	1	1242
7.54246	1	7.44650	1	7.54420	1	7.41899	1	7.54720	1	7.38919	1	57	3	1	1243
7.55084	1	7.28727	1	7.55410	1	7.14524	1	7.55736	1	6.95374	1	57	3	1	1244
7.55870	1	6.85669	1	7.56100	1	6.70570	1	7.56574	1	6.31930	1	57	3	1	1245
7.57999	1	4.87225	1	7.58050	1	4.82135	1	7.59060	1	3.81038	1	57	3	1	1246
7.60230	1	2.94830	1	7.60436	1	2.78547	1	7.61431	1	2.29916	1	57	3	1	1247
7.61680	1	2.22899	1	7.62433	1	2.01617	1	7.63821	1	1.85921	1	57	3	1	1248
7.64890	1	1.85470	1	7.66327	1	1.91610	1	7.66804	1	1.94002	1	57	3	1	1249
7.67171	1	1.95785	1	7.67480	1	1.97302	1	7.67500	1	1.97414	1	57	3	1	1250
7.67829	1	1.99382	1	7.68196	1	2.01972	1	7.68673	1	2.06505	1	57	3	1	1251
7.69660	1	2.28205	1	7.70110	1	2.37812	1	7.71110	1	2.86794	1	57	3	1	1252
7.71179	1	2.90128	1	7.71201	1	2.91529	1	7.71224	1	2.92948	1	57	3	1	1253
7.72298	1	3.72952	1	7.73741	1	4.88128	1	7.74221	1	5.17174	1	57	3	1	1254
7.74590	1	5.34004	1	7.74920	1	5.44644	1	7.75250	1	5.51145	1	57	3	1	1255
7.75619	1	5.53971	1	7.75620	1	5.53968	1	7.76099	1	5.52812	1	57	3	1	1256
7.76190	1	5.52058	1	7.77542	1	5.39502	1	7.78039	1	5.41665	1	57	3	1	1257
7.78537	1	5.49708	1	7.79987	1	5.90452	1	7.80468	1	5.99398	1	57	3	1	1258
7.80838	1	6.00928	1	7.81170	1	5.97666	1	7.81502	1	5.89371	1	57	3	1	1259
7.81872	1	5.74016	1	7.82353	1	5.44965	1	7.83000	1	4.87729	1	57	3	1	1260

7.83630+	1	4.90458+	1	7.83803+	1	4.76464+	1	7.84881+	1	3.84471+	1	57	3	1	1261
7.85440+	1	3.50886+	1	7.86281+	1	2.89178+	1	7.87260+	1	2.54211+	1	57	3	1	1262
7.88241+	1	2.21788+	1	7.88907+	1	2.13066+	1	7.89070+	1	2.12097+	1	57	3	1	1263
7.89578+	1	2.05903+	1	7.90880+	1	2.09934+	1	7.91558+	1	2.14048+	1	57	3	1	1264
7.92700+	1	2.51345+	1	7.92972+	1	2.58360+	1	7.94061+	1	3.07216+	1	57	3	1	1265
7.94510+	1	3.27495+	1	7.95525+	1	3.87055+	1	7.96011+	1	4.07566+	1	57	3	1	1266
7.96385+	1	4.18787+	1	7.96720+	1	4.25168+	1	7.97055+	1	4.28075+	1	57	3	1	1267
7.97429+	1	4.27510+	1	7.97915+	1	4.21826+	1	7.98140+	1	4.17321+	1	57	3	1	1268
7.99379+	1	4.08176+	1	7.99950+	1	4.09811+	1	8.00138+	1	4.07791+	1	57	3	1	1269
8.00680+	1	4.10017+	1	8.00900+	1	4.07922+	1	8.02370+	1	4.12816+	1	57	3	1	1270
8.02490+	1	4.12636+	1	8.02858+	1	4.17598+	1	8.03274+	1	4.19615+	1	57	3	1	1271
8.03570+	1	4.18476+	1	8.03906+	1	4.14250+	1	8.04282+	1	4.05919+	1	57	3	1	1272
8.04670+	1	3.92864+	1	8.04770+	1	3.90563+	1	8.06240+	1	3.33313+	1	57	3	1	1273
8.07334+	1	2.92245+	1	8.07570+	1	2.89541+	1	8.08660+	1	2.65628+	1	57	3	1	1274
8.08754+	1	2.63165+	1	8.08937+	1	2.62301+	1	8.09121+	1	2.62510+	1	57	3	1	1275
8.09750+	1	2.79252+	1	8.10551+	1	2.98933+	1	8.10840+	1	3.15305+	1	57	3	1	1276
8.11652+	1	3.60907+	1	8.13132+	1	4.47592+	1	8.13380+	1	4.56311+	1	57	3	1	1277
8.13623+	1	4.66903+	1	8.14001+	1	4.76805+	1	8.14340+	1	4.80110+	1	57	3	1	1278
8.14679+	1	4.77948+	1	8.15057+	1	4.69194+	1	8.15190+	1	4.63629+	1	57	3	1	1279
8.15548+	1	4.49136+	1	8.16280+	1	3.98697+	1	8.17028+	1	3.56597+	1	57	3	1	1280
8.18100+	1	2.89106+	1	8.18129+	1	2.87001+	1	8.19559+	1	2.13353+	1	57	3	1	1281
8.20000+	1	1.98657+	1	8.20001+	1	1.88257+	1	8.20008+	1	4.80553+	1	57	3	1	1282
1.15690+	2	4.55206+	1	1.48550+	2	4.63130+	1	1.90740+	2	4.18661+	1	57	3	1	1283
2.45000+	2	4.49598+	1	3.00000+	2	3.26431+	1	3.50000+	2	3.03803+	1	57	3	1	1284
4.00000+	2	2.86896+	1	4.50000+	2	3.04942+	1	5.00000+	2	3.21780+	1	57	3	1	1285
5.60000+	2	3.27817+	1	6.20000+	2	2.79882+	1	7.50000+	2	2.83867+	1	57	3	1	1286
8.00000+	2	2.78519+	1	8.30000+	2	2.45957+	1	9.00000+	2	2.33205+	1	57	3	1	1287
1.00000+	3	2.33765+	1	1.10000+	3	2.49384+	1	1.50000+	3	2.24624+	1	57	3	1	1288
1.80000+	3	2.11063+	1	2.00000+	3	2.00578+	1	2.50000+	3	1.88659+	1	57	3	1	1289
3.00000+	3	1.82581+	1	3.50000+	3	1.80865+	1	3.80000+	3	1.79772+	1	57	3	1	1290
4.50000+	3	1.73392+	1	5.00000+	3	1.68803+	1	5.50000+	3	1.66759+	1	57	3	1	1291
6.00000+	3	1.64151+	1	6.50000+	3	1.59355+	1	7.00000+	3	1.57161+	1	57	3	1	1292
7.50000+	3	1.56923+	1	8.00000+	3	1.55010+	1	8.50000+	3	1.51394+	1	57	3	1	1293
9.00000+	3	1.51055+	1	9.50000+	3	1.57636+	1	1.00000+	4	1.53811+	1	57	3	1	1294
1.25000+	4	1.49527+	1	1.30000+	4	1.49756+	1	1.32000+	4	1.49849+	1	57	3	1	1295
1.42000+	4	1.50317+	1	1.48000+	4	1.50597+	1	1.50000+	4	1.50691+	1	57	3	1	1296
1.61000+	4	1.44780+	1	1.63000+	4	1.43706+	1	1.65000+	4	1.42631+	1	57	3	1	1297
1.85000+	4	1.46144+	1	2.05000+	4	1.37811+	1	2.20000+	4	1.44371+	1	57	3	1	1298
2.25000+	4	1.43076+	1	2.33000+	4	1.41004+	1	2.35000+	4	1.40486+	1	57	3	1	1299
2.37000+	4	1.40372+	1	2.43000+	4	1.40028+	1	2.46000+	4	1.39856+	1	57	3	1	1300
2.50000+	4	1.39627+	1	2.50000+	4	1.40998+	1	2.53000+	4	1.40824+	1	57	3	1	1301
2.57000+	4	1.40594+	1	2.62000+	4	1.40319+	1	2.65000+	4	1.40154+	1	57	3	1	1302
2.72000+	4	1.39771+	1	2.75000+	4	1.39607+	1	2.83000+	4	1.39192+	1	57	3	1	1303
2.88000+	4	1.38934+	1	2.93000+	4	1.38685+	1	2.98000+	4	1.38437+	1	57	3	1	1304
3.00000+	4	1.38344+	1	3.11000+	4	1.37725+	1	3.13000+	4	1.37620+	1	57	3	1	1305
3.18000+	4	1.37348+	1	3.21000+	4	1.37190+	1	3.25000+	4	1.36971+	1	57	3	1	1306
3.28000+	4	1.36821+	1	3.42000+	4	1.36109+	1	3.45000+	4	1.35959+	1	57	3	1	1307
3.50000+	4	1.35708+	1	3.62000+	4	1.35133+	1	3.65000+	4	1.34992+	1	57	3	1	1308
3.70000+	4	1.34768+	1	3.79000+	4	1.34361+	1	3.87000+	4	1.34005+	1	57	3	1	1309
3.91000+	4	1.33822+	1	3.94000+	4	1.33695+	1	4.00000+	4	1.33438+	1	57	3	1	1310
4.04000+	4	1.33245+	1	4.10000+	4	1.32965+	1	4.15000+	4	1.32733+	1	57	3	1	1311
4.20000+	4	1.32501+	1	4.30000+	4	1.32055+	1	4.36000+	4	1.31786+	1	57	3	1	1312
4.38000+	4	1.31703+	1	4.43000+	4	1.31480+	1	4.48000+	4	1.31269+	1	57	3	1	1313
4.50000+	4	1.31175+	1	4.52000+	4	1.31093+	1	4.54000+	4	1.31009+	1	57	3	1	1314
4.60000+	4	1.30760+	1	4.62000+	4	1.30616+	1	4.65000+	4	1.30547+	1	57	3	1	1315
4.68000+	4	1.30428+	1	4.73000+	4	1.30216+	1	4.76000+	4	1.30102+	1	57	3	1	1316
4.82000+	4	1.29859+	1	4.84000+	4	1.29778+	1	4.88000+	4	1.29616+	1	57	3	1	1317
4.90000+	4	1.29535+	1	5.00000+	4	1.29153+	1	5.02000+	4	1.29076+	1	57	3	1	1318
5.06000+	4	1.28938+	1	5.09000+	4	1.28837+	1	5.12000+	4	1.28735+	1	57	3	1	1319
5.15000+	4	1.28634+	1	5.22000+	4	1.28395+	1	5.25000+	4	1.28294+	1	57	3	1	1320
5.35000+	4	1.27967+	1	5.39000+	4	1.27833+	1	5.42000+	4	1.27737+	1	57	3	1	1321
5.46000+	4	1.27612+	1	5.50000+	4	1.27478+	1	5.53000+	4	1.27381+	1	57	3	1	1322
5.57000+	4	1.27254+	1	5.61000+	4	1.27138+	1	5.67000+	4	1.26948+	1	57	3	1	1323
5.71000+	4	1.26826+	1	5.76000+	4	1.26673+	1	5.79000+	4	1.26583+	1	57	3	1	1324
5.83000+	4	1.26462+	1	5.87000+	4	1.26339+	1	5.91000+	4	1.26224+	1	57	3	1	1325
5.92000+	4	1.26194+	1	5.98000+	4	1.26018+	1	6.00000+	4	1.25960+	1	57	3	1	1326
6.03000+	4	1.25874+	1	6.12000+	4	1.25619+	1	6.15000+	4	1.25534+	1	57	3	1	1327
6.20000+	4	1.25395+	1	6.25000+	4	1.25256+	1	6.29000+	4	1.25147+	1	57	3	1	1328
6.32000+	4	1.25064+	1	6.42000+	4	1.24794+	1	6.47000+	4	1.24660+	1	57	3	1	1329
6.50000+	4	1.24580+	1	6.51000+	4	1.24553+	1	6.61000+	4	1.24290+	1	57	3	1	1330

6.65000+	4	1.24186+	1	6.70000+	4	1.24057+	1	6.74000+	4	1.23954+	1	57	3	1	1331
6.80000+	4	1.23800+	1	6.83000+	4	1.23724+	1	6.89000+	4	1.23574+	1	57	3	1	1332
6.94000+	4	1.23449+	1	7.00000+	4	1.23300+	1	7.03000+	4	1.23221+	1	57	3	1	1333
7.09000+	4	1.23065+	1	7.20000+	4	1.22782+	1	7.25000+	4	1.22654+	1	57	3	1	1334
7.31000+	4	1.22502+	1	7.37000+	4	1.22352+	1	7.41000+	4	1.22253+	1	57	3	1	1335
7.48000+	4	1.22080+	1	7.50000+	4	1.22030+	1	7.53000+	4	1.21956+	1	57	3	1	1336
7.58000+	4	1.21834+	1	7.65000+	4	1.21665+	1	7.70000+	4	1.21545+	1	57	3	1	1337
7.76000+	4	1.21402+	1	7.84000+	4	1.21212+	1	7.89000+	4	1.21095+	1	57	3	1	1338
7.94000+	4	1.20979+	1	8.00000+	4	1.20840+	1	8.07000+	4	1.20709+	1	57	3	1	1339
8.20000+	4	1.20471+	1	8.27000+	4	1.20343+	1	8.33000+	4	1.20235+	1	57	3	1	1340
8.40000+	4	1.20110+	1	8.47000+	4	1.19984+	1	8.50000+	4	1.19930+	1	57	3	1	1341
8.53000+	4	1.19877+	1	8.61000+	4	1.19736+	1	8.68000+	4	1.19614+	1	57	3	1	1342
8.75000+	4	1.19494+	1	8.83000+	4	1.19357+	1	8.90000+	4	1.19239+	1	57	3	1	1343
9.00000+	4	1.19070+	1	9.03000+	4	1.19040+	1	9.12000+	4	1.18953+	1	57	3	1	1344
9.28000+	4	1.18798+	1	9.36000+	4	1.18722+	1	9.44000+	4	1.18646+	1	57	3	1	1345
9.50000+	4	1.18590+	1	9.52000+	4	1.18571+	1	9.60000+	4	1.18499+	1	57	3	1	1346
9.68000+	4	1.18426+	1	9.77000+	4	1.18344+	1	9.85000+	4	1.18273+	1	57	3	1	1347
9.93000+	4	1.18201+	1	9.99000+	4	1.18149+	1	1.00000+	5	1.18140+	1	57	3	1	1348
1.03000+	5	1.17531+	1	1.20000+	5	1.14370+	1	1.35000+	5	1.11941+	1	57	3	1	1349
1.40000+	5	1.11190+	1	1.50000+	5	1.09660+	1	1.60000+	5	1.08240+	1	57	3	1	1350
1.73000+	5	1.06400+	1	1.80000+	5	1.05471+	1	2.00000+	5	1.02990+	1	57	3	1	1351
2.07000+	5	1.01970+	1	2.15000+	5	1.00843+	1	2.20000+	5	1.00160+	1	57	3	1	1352
2.25000+	5	9.94928+	0	2.35000+	5	9.82023+	0	2.40000+	5	9.75772+	0	57	3	1	1353
2.50000+	5	9.63530+	0	2.60000+	5	9.51767+	0	2.70000+	5	9.40340+	0	57	3	1	1354
2.80000+	5	9.29328+	0	3.00000+	5	9.08431+	0	3.20000+	5	8.88889+	0	57	3	1	1355
3.25000+	5	8.84197+	0	3.40000+	5	8.70531+	0	3.50000+	5	8.62359+	0	57	3	1	1356
3.60000+	5	8.54429+	0	3.80000+	5	8.40381+	0	3.90000+	5	8.27053+	0	57	3	1	1357
4.20000+	5	8.14380+	0	4.40000+	5	8.02289+	0	4.50000+	5	7.96611+	0	57	3	1	1358
4.60000+	5	7.91053+	0	4.70000+	5	7.85779+	0	4.80000+	5	7.80610+	0	57	3	1	1359
5.00000+	5	7.70572+	0	5.20000+	5	7.60932+	0	5.40000+	5	7.51684+	0	57	3	1	1360
5.50000+	5	7.47170+	0	5.60000+	5	7.42740+	0	5.70000+	5	7.38392+	0	57	3	1	1361
5.80000+	5	7.34125+	0	6.00000+	5	7.25800+	0	6.20000+	5	7.21643+	0	57	3	1	1362
6.40000+	5	7.17604+	0	6.50000+	5	7.15642+	0	6.60000+	5	7.13711+	0	57	3	1	1363
6.70000+	5	7.11801+	0	6.80000+	5	7.09923+	0	7.00000+	5	7.06240+	0	57	3	1	1364
7.20000+	5	7.02675+	0	7.30000+	5	7.00920+	0	7.40000+	5	6.99194+	0	57	3	1	1365
7.50000+	5	6.97490+	0	7.60000+	5	6.95809+	0	7.70000+	5	6.94150+	0	57	3	1	1366
7.75000+	5	6.93334+	0	7.80000+	5	6.92510+	0	8.00000+	5	6.89301+	0	57	3	1	1367
8.20000+	5	6.85544+	0	8.40000+	5	6.81901+	0	8.50000+	5	6.80581+	0	57	3	1	1368
8.60000+	5	6.79288+	0	8.80000+	5	6.77675+	0	9.00000+	5	6.76102+	0	57	3	1	1369
9.20000+	5	6.73991+	0	9.40000+	5	6.71920+	0	9.50000+	5	6.70907+	0	57	3	1	1370
9.60000+	5	6.69901+	0	9.70000+	5	6.68915+	0	9.80000+	5	6.67934+	0	57	3	1	1371
1.00000+	6	6.66004+	0	1.05000+	6	6.67100+	0	1.10000+	6	6.68252+	0	57	3	1	1372
1.15000+	6	6.69303+	0	1.20000+	6	6.70295+	0	1.25000+	6	6.71252+	0	57	3	1	1373
1.29500+	6	6.72080+	0	1.30000+	6	6.72174+	0	1.35000+	6	6.73059+	0	57	3	1	1374
1.40000+	6	6.73926+	0	1.45000+	6	6.74744+	0	1.49500+	6	6.75457+	0	57	3	1	1375
1.50000+	6	6.75544+	0	1.60000+	6	6.81743+	0	1.70000+	6	6.87572+	0	57	3	1	1376
1.80000+	6	6.93073+	0	1.90000+	6	6.98272+	0	2.00000+	6	7.03197+	0	57	3	1	1377
2.10000+	6	7.10781+	0	2.20000+	6	7.18006+	0	2.30000+	6	7.24899+	0	57	3	1	1378
2.40000+	6	7.31512+	0	2.50000+	6	7.47724+	0	2.60000+	6	7.52623+	0	57	3	1	1379
2.70000+	6	7.59318+	0	2.80000+	6	7.67019+	0	2.90000+	6	7.74911+	0	57	3	1	1380
3.00000+	6	7.82189+	0	3.10000+	6	7.88038+	0	3.20000+	6	7.91880+	0	57	3	1	1381
3.30000+	6	7.93896+	0	3.40000+	6	7.94524+	0	3.50000+	6	7.94146+	0	57	3	1	1382
3.60000+	6	7.93219+	0	3.70000+	6	7.92124+	0	3.80000+	6	7.91171+	0	57	3	1	1383
3.90000+	6	7.90330+	0	4.00000+	6	7.89491+	0	4.10000+	6	7.88499+	0	57	3	1	1384
4.20000+	6	7.87259+	0	4.30000+	6	7.85651+	0	4.40000+	6	7.83564+	0	57	3	1	1385
4.50000+	6	7.81028+	0	4.60000+	6	7.78064+	0	4.70000+	6	7.74723+	0	57	3	1	1386
4.80000+	6	7.71033+	0	4.90000+	6	7.67043+	0	5.00000+	6	7.62775+	0	57	3	1	1387
5.10000+	6	7.58272+	0	5.20000+	6	7.53580+	0	5.25000+	6	7.51180+	0	57	3	1	1388
5.30000+	6	7.48738+	0	5.40000+	6	7.43768+	0	5.50000+	6	7.38718+	0	57	3	1	1389
5.60000+	6	7.33618+	0	5.70000+	6	7.28488+	0	5.80000+	6	7.23328+	0	57	3	1	1390
5.90000+	6	7.18159+	0	6.00000+	6	7.12981+	0	6.10000+	6	7.07808+	0	57	3	1	1391
6.20000+	6	7.02646+	0	6.30000+	6	6.97504+	0	6.40000+	6	6.92392+	0	57	3	1	1392
6.50000+	6	6.87321+	0	6.60000+	6	6.82308+	0	6.70000+	6	6.77346+	0	57	3	1	1393
6.80000+	6	6.72455+	0	6.90000+	6	6.67644+	0	7.00000+	6	6.62923+	0	57	3	1	1394
7.10000+	6	6.58291+	0	7.20000+	6	6.53769+	0	7.30000+	6	6.49358+	0	57	3	1	1395
7.40000+	6	6.45067+	0	7.50000+	6	6.40906+	0	7.60000+	6	6.36866+	0	57	3	1	1396
7.65000+	6	6.34901+	0	7.70000+	6	6.32976+	0	7.80000+	6	6.29227+	0	57	3	1	1397
7.90000+	6	6.25638+	0	8.00000+	6	6.22200+	0	8.20000+	6	6.15855+	0	57	3	1	1398
8.40000+	6	6.10241+	0	8.50000+	6	6.07719+	0	8.60000+	6	6.05408+	0	57	3	1	1399

8.80000*	6	6.01320*	0	9.00000*	6	5.97854*	0	9.20000*	6	5.94869*	0	57	3	1	1400
9.40000*	6	5.92234*	0	9.50000*	6	5.91007*	0	9.60000*	6	5.89820*	0	57	3	1	1401
9.80000*	6	5.87486*	0	1.00000*	7	5.85102*	0	1.05000*	7	5.78725*	0	57	3	1	1402
1.10000*	7	5.73050*	0	1.15000*	7	5.69949*	0	1.19000*	7	5.70216*	0	57	3	1	1403
1.20000*	7	5.70699*	0	1.25000*	7	5.73559*	0	1.30000*	7	5.76699*	0	57	3	1	1404
1.35000*	7	5.78489*	0	1.40000*	7	5.79622*	0	1.45000*	7	5.81502*	0	57	3	1	1405
1.50000*	7	5.85482*	0	0.00000*	0	0.00000*	0	0.00000*	0	0.00000*	0	57	3	1	1406
															57 3 0 1407
9.22350*	4	2.33025*	2	0	0	0	0	0	0	0	0	57	3	1	1408
0.		0.		0	0	0	0	1	1	4	4	57	3	1	1409
	4		2	0	0	0	0	0	0	0	0	57	3	1	1410
1.0000E+03		1.0000E+01		0	0	0	0	1	1	56	56	57	3	1	1411
	56		2	0	0	0	0	0	0	0	0	57	3	1	1412
8.20008*	1	4.95499*	1	1.15690*	2	4.72207*	1	1.48550*	2	5.09331*	1	57	3	1	1413
1.90740*	2	4.90431*	1	2.45000*	2	7.05456*	1	3.00000*	2	3.85160*	1	57	3	1	1414
3.50000*	2	3.53827*	1	4.00000*	2	3.32085*	1	4.50000*	2	3.81340*	1	57	3	1	1415
5.00000*	2	4.41690*	1	5.60000*	2	4.66589*	1	6.20000*	2	3.45306*	1	57	3	1	1416
7.50000*	2	3.59956*	1	8.00000*	2	3.50239*	1	8.30000*	2	2.85706*	1	57	3	1	1417
9.00000*	2	2.65645*	1	1.00000*	3	2.69832*	1	1.10000*	3	3.03369*	1	57	3	1	1418
1.50000*	3	2.65987*	1	1.80000*	3	2.44258*	1	2.00000*	3	2.27262*	1	57	3	1	1419
2.50000*	3	2.09603*	1	3.00000*	3	2.01001*	1	3.50000*	3	1.99156*	1	57	3	1	1420
3.80000*	3	1.97833*	1	4.50000*	3	1.88387*	1	5.00000*	3	1.81633*	1	57	3	1	1421
5.50000*	3	1.78796*	1	6.00000*	3	1.75091*	1	6.50000*	3	1.68230*	1	57	3	1	1422
7.00000*	3	1.65215*	1	7.50000*	3	1.64971*	1	8.00000*	3	1.62358*	1	57	3	1	1423
8.50000*	3	1.57436*	1	9.00000*	3	1.57021*	1	9.50000*	3	1.66292*	1	57	3	1	1424
1.00000*	4	1.60905*	1	1.25000*	4	1.55186*	1	1.30000*	4	1.55527*	1	57	3	1	1425
1.32000*	4	1.55666*	1	1.42000*	4	1.56359*	1	1.48000*	4	1.56774*	1	57	3	1	1426
1.50000*	4	1.56913*	1	1.61000*	4	1.49097*	1	1.63000*	4	1.47677*	1	57	3	1	1427
1.65000*	4	1.46256*	1	1.85000*	4	1.50895*	1	2.05000*	4	1.40322*	1	57	3	1	1428
2.20000*	4	1.48673*	1	2.25000*	4	1.47007*	1	2.33000*	4	1.44340*	1	57	3	1	1429
2.35000*	4	1.43673*	1	2.37000*	4	1.43538*	1	2.43000*	4	1.43129*	1	57	3	1	1430
2.46000*	4	1.42924*	1	2.50000*	4	1.42652*	1	0.00000*	0	0.00000*	0	57	3	1	1431
1.0000E+03		1.0000E+02		0	0	0	0	1	1	56	56	57	3	1	1432
	56		2	0	0	0	0	0	0	0	0	57	3	1	1433
8.20008*	1	4.34300*	1	1.15690*	2	4.19204*	1	1.48550*	2	4.30778*	1	57	3	1	1434
1.90740*	2	3.99604*	1	2.45000*	2	4.37627*	1	3.00000*	2	3.21860*	1	57	3	1	1435
3.50000*	2	3.01158*	1	4.00000*	2	2.85515*	1	4.50000*	2	3.04702*	1	57	3	1	1436
5.00000*	2	3.23048*	1	5.60000*	2	3.29834*	1	6.20000*	2	2.81145*	1	57	3	1	1437
7.50000*	2	2.85837*	1	8.00000*	2	2.80574*	1	8.30000*	2	2.47306*	1	57	3	1	1438
9.00000*	2	2.34496*	1	1.00000*	3	2.35305*	1	1.10000*	3	2.51785*	1	57	3	1	1439
1.50000*	3	2.26976*	1	1.80000*	3	2.13141*	1	2.00000*	3	2.02354*	1	57	3	1	1440
2.50000*	3	1.90157*	1	3.00000*	3	1.83946*	1	3.50000*	3	1.82235*	1	57	3	1	1441
3.80000*	3	1.81133*	1	4.50000*	3	1.74556*	1	5.00000*	3	1.69822*	1	57	3	1	1442
5.50000*	3	1.67724*	1	6.00000*	3	1.65038*	1	6.50000*	3	1.60090*	1	57	3	1	1443
7.00000*	3	1.57835*	1	7.50000*	3	1.57597*	1	8.00000*	3	1.55631*	1	57	3	1	1444
8.50000*	3	1.51913*	1	9.00000*	3	1.51568*	1	9.50000*	3	1.58358*	1	57	3	1	1445
1.00000*	4	1.54413*	1	1.25000*	4	1.50017*	1	1.30000*	4	1.50255*	1	57	3	1	1446
1.32000*	4	1.50351*	1	1.42000*	4	1.50837*	1	1.48000*	4	1.51128*	1	57	3	1	1447
1.50000*	4	1.51225*	1	1.61000*	4	1.45160*	1	1.63000*	4	1.44058*	1	57	3	1	1448
1.65000*	4	1.42955*	1	1.85000*	4	1.46561*	1	2.05000*	4	1.38041*	1	57	3	1	1449
2.20000*	4	1.44752*	1	2.25000*	4	1.43425*	1	2.33000*	4	1.41302*	1	57	3	1	1450
2.35000*	4	1.40771*	1	2.37000*	4	1.40657*	1	2.43000*	4	1.40311*	1	57	3	1	1451
2.46000*	4	1.40138*	1	2.50000*	4	1.39908*	1	0.00000*	0	0.00000*	0	57	3	1	1452
1.0000E+03		1.0000E+03		0	0	0	0	1	1	56	56	57	3	1	1453
	56		2	0	0	0	0	0	0	0	0	57	3	1	1454
8.20008*	1	4.72299*	1	1.15690*	2	4.49107*	1	1.48550*	2	4.57669*	1	57	3	1	1455
1.90740*	2	4.15523*	1	2.45000*	2	4.47216*	1	3.00000*	2	3.25670*	1	57	3	1	1456
3.50000*	2	3.03343*	1	4.00000*	2	2.86623*	1	4.50000*	2	3.04760*	1	57	3	1	1457
5.00000*	2	3.21727*	1	5.60000*	2	3.27836*	1	6.20000*	2	2.79924*	1	57	3	1	1458
7.50000*	2	2.83983*	1	8.00000*	2	2.78652*	1	8.30000*	2	2.46054*	1	57	3	1	1459
9.00000*	2	2.33307*	1	1.00000*	3	2.33899*	1	1.10000*	3	2.49588*	1	57	3	1	1460
1.50000*	3	2.24840*	1	1.80000*	3	2.11258*	1	2.00000*	3	2.00746*	1	57	3	1	1461
2.50000*	3	1.88802*	1	3.00000*	3	1.82713*	1	3.50000*	3	1.80998*	1	57	3	1	1462
3.80000*	3	1.79903*	1	4.50000*	3	1.73504*	1	5.00000*	3	1.68902*	1	57	3	1	1463
5.50000*	3	1.66853*	1	6.00000*	3	1.64238*	1	6.50000*	3	1.59426*	1	57	3	1	1464
7.00000*	3	1.57227*	1	7.50000*	3	1.56989*	1	8.00000*	3	1.55071*	1	57	3	1	1465
8.50000*	3	1.51445*	1	9.00000*	3	1.51105*	1	9.50000*	3	1.57706*	1	57	3	1	1466
1.00000*	4	1.53870*	1	1.25000*	4	1.49575*	1	1.30000*	4	1.49804*	1	57	3	1	1467
1.32000*	4	1.49898*	1	1.42000*	4	1.50368*	1	1.48000*	4	1.50649*	1	57	3	1	1468
1.50000*	4	1.50743*	1	1.61000*	4	1.44817*	1	1.63000*	4	1.43741*	1	57	3	1	1469
1.65000*	4	1.42663*	1	1.85000*	4	1.46184*	1	2.05000*	4	1.37834*	1	57	3	1	1470

2.20000+	4	1.44408+	1	2.25000+	4	1.43110+	1	2.35000+	4	1.41033+	1	57	3	1	1471	
2.35000+	4	1.40513+	1	2.37000+	4	1.40400+	1	2.43000+	4	1.40060+	0	57	3	1	1472	
2.46000+	4	1.39890+	1	2.50000+	4	1.39663+	1	.00000+	0	0.00000+	0	57	3	1	1473	
1.0000E+03	56	1.0000E+04	2								56	57	3	1	1474	
8.20008+	1	4.79699+	1	1.15690+	2	4.54607+	1	1.48550+	2	4.62595+	1	57	3	1	1475	
1.90740+	2	4.18357+	1	2.45000+	2	4.49364+	1	3.00000+	2	3.26358+	1	57	3	1	1476	
3.50000+	2	3.03759+	1	4.00000+	2	2.86870+	1	4.50000+	2	3.04923+	1	57	3	1	1477	
5.00000+	2	3.21772+	1	5.60000+	2	3.27816+	1	0.20000+	2	2.79886+	1	57	3	1	1478	
7.50000+	2	2.83876+	1	8.00000+	2	2.78530+	1	0.30000+	2	2.45966+	1	57	3	1	1479	
9.00000+	2	2.33214+	1	1.00000+	3	2.33777+	1	1.10000+	3	2.49407+	1	57	3	1	1480	
1.50000+	3	2.24644+	1	1.80000+	3	2.11080+	1	2.00000+	3	2.00593+	1	57	3	1	1481	
2.50000+	3	1.88672+	1	3.00000+	3	1.82593+	1	3.50000+	3	1.80877+	1	57	3	1	1482	
3.80000+	3	1.79783+	1	4.50000+	3	1.73402+	1	0.00000+	3	1.68812+	1	57	3	1	1483	
5.50000+	3	1.66768+	1	6.00000+	3	1.64159+	1	0.50000+	3	1.59361+	1	57	3	1	1484	
7.00000+	3	1.57167+	1	7.50000+	3	1.56929+	1	0.00000+	3	1.55016+	1	57	3	1	1485	
8.50000+	3	1.51398+	1	9.00000+	3	1.51059+	1	9.50000+	3	1.57643+	1	57	3	1	1486	
1.00000+	4	1.53816+	1	1.25000+	4	1.49531+	1	1.30000+	4	1.49760+	1	57	3	1	1487	
1.32000+	4	1.49853+	1	1.42000+	4	1.50321+	1	1.48000+	4	1.50601+	1	57	3	1	1488	
1.50000+	4	1.50695+	1	1.61000+	4	1.44783+	1	1.63000+	4	1.43709+	1	57	3	1	1489	
1.65000+	4	1.42634+	1	1.85000+	4	1.46147+	1	2.05000+	4	1.37813+	1	57	3	1	1490	
2.20000+	4	1.44374+	1	2.25000+	4	1.43078+	1	2.33000+	4	1.41005+	1	57	3	1	1491	
2.35000+	4	1.40486+	1	2.37000+	4	1.40373+	1	2.43000+	4	1.40033+	1	57	3	1	1492	
2.46000+	4	1.39863+	1	2.50000+	4	1.39636+	1	0.00000+	0	0.00000+	0	57	3	1	1493	
0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	57	3	0	1495	
9.22350+	4	2.33025+	2				99				0	57	3	2	1496	
1.00000+	3	0.00000+	0				0				1	2455	57	3	2	1497
1.00000-	5	1.59100+	1	1.22756-	5	1.59100+	1	1.47675-	5	1.59100+	1	57	3	2	1498	
1.81356-	5	1.59100+	1	2.18424-	5	1.59100+	1	2.18441-	5	1.59100+	1	57	3	2	1499	
2.61714-	5	1.59100+	1	2.61717-	5	1.59100+	1	3.11933-	5	1.59100+	1	57	3	2	1500	
3.11963-	5	1.59100+	1	3.69954-	5	1.59100+	1	3.69993-	5	1.59100+	1	57	3	2	1501	
4.36707-	5	1.59100+	1	4.36756-	5	1.59100+	1	0.02663-	5	1.59100+	1	57	3	2	1502	
6.02735-	5	1.59100+	1	8.18209-	5	1.59100+	1	0.18309-	5	1.59100+	1	57	3	2	1503	
1.09487-	4	1.59100+	1	1.09500-	4	1.59100+	1	1.44552-	4	1.59100+	1	57	3	2	1504	
1.44569-	4	1.59100+	1	1.90841-	4	1.59100+	1	1.90862-	4	1.59100+	1	57	3	2	1505	
2.48886-	4	1.59100+	1	2.48911-	4	1.59100+	1	0.21017-	4	1.59100+	1	57	3	2	1506	
3.21045-	4	1.59100+	1	4.09801-	4	1.59100+	1	4.09831-	4	1.59100+	1	57	3	2	1507	
5.18710-	4	1.59098+	1	6.50757-	4	1.59085+	1	0.09793-	4	1.59069+	1	57	3	2	1508	
1.00000-	3	1.59050+	1	1.25307-	3	1.59037+	1	1.25318-	3	1.59037+	1	57	3	2	1509	
1.55762-	3	1.59022+	1	1.55785-	3	1.59022+	1	1.02188-	3	1.59004+	1	57	3	2	1510	
1.92222-	3	1.59004+	1	2.35480-	3	1.58979+	1	2.35523-	3	1.58979+	1	57	3	2	1511	
2.86786-	3	1.58948+	1	2.86832-	3	1.58948+	1	3.47122-	3	1.58916+	1	57	3	2	1512	
3.47165-	3	1.58916+	1	4.17744-	3	1.58881+	1	0.00000-	3	1.58840+	1	57	3	2	1513	
5.98917-	3	1.58781+	1	5.98990-	3	1.58781+	1	7.13821-	3	1.58723+	1	57	3	2	1514	
7.13933-	3	1.58723+	1	8.00000-	3	1.58680+	1	8.46777-	3	1.58657+	1	57	3	2	1515	
8.46874-	3	1.58652+	1	9.00000-	3	1.58620+	1	1.00000-	2	1.58570+	1	57	3	2	1516	
1.10000-	2	1.58520+	1	1.20000-	2	1.58460+	1	1.22842-	2	1.58446+	1	57	3	2	1517	
1.22869-	2	1.58446+	1	1.50000-	2	1.58310+	1	1.60000-	2	1.58250+	1	57	3	2	1518	
1.90000-	2	1.58100+	1	2.00000-	2	1.58040+	1	2.30000-	2	1.57890+	1	57	3	2	1519	
2.40000-	2	1.57830+	1	2.53000-	2	1.57780+	1	2.60000-	2	1.57730+	1	57	3	2	1520	
2.80000-	2	1.57630+	1	2.90000-	2	1.57570+	1	3.00000-	2	1.57520+	1	57	3	2	1521	
3.40000-	2	1.57320+	1	3.50000-	2	1.57260+	1	4.00000-	2	1.57010+	1	57	3	2	1522	
4.20000-	2	1.56910+	1	4.30000-	2	1.56850+	1	4.50000-	2	1.56750+	1	57	3	2	1523	
5.00000-	2	1.56500+	1	5.50000-	2	1.56250+	1	5.60000-	2	1.56200+	1	57	3	2	1524	
5.70000-	2	1.56140+	1	6.00000-	2	1.55990+	1	6.50000-	2	1.55740+	1	57	3	2	1525	
6.80000-	2	1.55590+	1	6.90000-	2	1.55550+	1	7.00000-	2	1.55500+	1	57	3	2	1526	
7.50000-	2	1.55250+	1	8.00000-	2	1.55000+	1	8.40000-	2	1.54800+	1	57	3	2	1527	
8.50000-	2	1.54760+	1	9.00000-	2	1.54510+	1	9.20000-	2	1.54410+	1	57	3	2	1528	
9.30000-	2	1.54370+	1	9.50000-	2	1.54270+	1	9.90000-	2	1.54070+	1	57	3	2	1529	
1.00000-	1	1.54030+	1	1.10000-	1	1.53552+	1	1.20000-	1	1.53675+	1	57	3	2	1530	
1.30000-	1	1.52597+	1	1.40000-	1	1.52120+	1	1.50000-	1	1.51660+	1	57	3	2	1531	
1.60000-	1	1.51200+	1	1.70000-	1	1.50740+	1	1.80000-	1	1.50280+	1	57	3	2	1532	
2.03340-	1	1.49250+	1	2.23340-	1	1.48460+	1	2.43340-	1	1.47840+	1	57	3	2	1533	
2.63340-	1	1.47510+	1	2.83340-	1	1.47520+	1	3.03340-	1	1.47640+	1	57	3	2	1534	
3.23340-	1	1.47540+	1	3.43340-	1	1.47130+	1	3.63340-	1	1.46500+	1	57	3	2	1535	
3.83340-	1	1.45790+	1	4.03340-	1	1.45060+	1	4.28120-	1	1.44170+	1	57	3	2	1536	
4.64920-	1	1.42910+	1	5.04920-	1	1.441630+	1	5.44920-	1	1.40420+	1	57	3	2	1537	
5.84920-	1	1.39280+	1	6.24920-	1	1.38190+	1	6.64920-	1	1.37150+	1	57	3	2	1538	
7.04920-	1	1.36140+	1	7.44920-	1	1.35150+	1	7.84920-	1	1.34190+	1	57	3	2	1539	
8.24920-	1	1.33230+	1	8.64920-	1	1.32280+	1	9.04920-	1	1.31310+	1	57	3	2	1540	

9.44920	1	1.30310	1	9.84920	1	1.29260	1	1.00000	0	1.28852	1	57	3	2	1542
1.00000	0	1.22171	1	1.62319	0	1.21893	1	1.05500	0	1.21881	1	57	3	2	1543
1.07300	0	1.21766	1	1.08750	0	1.21693	1	1.09100	0	1.21715	1	57	3	2	1544
1.10886	0	1.22108	1	1.12528	0	1.22616	1	1.14000	0	1.23272	1	57	3	2	1545
1.15472	0	1.23866	1	1.17114	0	1.24430	1	1.18200	0	1.24666	1	57	3	2	1546
1.19250	0	1.24787	1	1.20000	0	1.24691	1	1.21800	0	1.24117	1	57	3	2	1547
1.23600	0	1.23699	1	1.25681	0	1.23272	1	1.30466	0	1.21799	1	57	3	2	1548
1.32700	0	1.21143	1	1.36400	0	1.20425	1	1.36678	0	1.20370	1	57	3	2	1549
1.45375	0	1.18899	1	1.45500	0	1.18881	1	1.54500	0	1.17798	1	57	3	2	1550
1.58302	0	1.17309	1	1.63600	0	1.16710	1	1.72700	0	1.15735	1	57	3	2	1551
1.78694	0	1.15084	1	1.79626	0	1.14981	1	1.79966	0	1.14943	1	57	3	2	1552
1.81800	0	1.14719	1	1.87384	0	1.14086	1	1.90900	0	1.13550	1	57	3	2	1553
1.92080	0	1.13460	1	1.95250	0	1.13158	1	1.97510	0	1.13094	1	57	3	2	1554
1.99251	0	1.13304	1	2.00000	0	1.13548	1	2.01590	0	1.13821	1	57	3	2	1555
2.02367	0	1.14058	1	2.02965	0	1.14261	1	2.03500	0	1.14450	1	57	3	2	1556
2.04035	0	1.14637	1	2.04633	0	1.14837	1	2.05410	0	1.15068	1	57	3	2	1557
2.07749	0	1.15437	1	2.09490	0	1.15353	1	2.11750	0	1.14921	1	57	3	2	1558
2.14914	0	1.14133	1	2.18200	0	1.13410	1	2.19616	0	1.13190	1	57	3	2	1559
2.21165	0	1.12999	1	2.27373	0	1.12355	1	2.36400	0	1.11634	1	57	3	2	1560
2.45500	0	1.11005	1	2.46231	0	1.10959	1	2.54500	0	1.10500	1	57	3	2	1561
2.58917	0	1.10248	1	2.63600	0	1.09938	1	2.67979	0	1.09681	1	57	3	2	1562
2.69100	0	1.09619	1	2.74500	0	1.09539	1	2.74961	0	1.09522	1	57	3	2	1563
2.80000	0	1.09354	1	2.81800	0	1.09265	1	2.84342	0	1.09192	1	57	3	2	1564
2.85500	0	1.09173	1	2.87457	0	1.08918	1	2.89853	0	1.08617	1	57	3	2	1565
2.92000	0	1.08345	1	2.92700	0	1.08251	1	2.94147	0	1.07718	1	57	3	2	1566
2.94500	0	1.07583	1	2.96543	0	1.07013	1	2.99658	0	1.06106	1	57	3	2	1567
3.01800	0	1.05533	1	3.05888	0	1.06507	1	3.07200	0	1.07000	1	57	3	2	1568
3.09840	0	1.07380	1	3.11817	0	1.07899	1	3.13338	0	1.08379	1	57	3	2	1569
3.14700	0	1.08839	1	3.16062	0	1.09294	1	3.17583	0	1.09760	1	57	3	2	1570
3.18200	0	1.09912	1	3.19560	0	1.09601	1	3.21800	0	1.08712	1	57	3	2	1571
3.25512	0	1.07845	1	3.27300	0	1.07167	1	3.29942	0	1.06676	1	57	3	2	1572
3.35692	0	1.05369	1	3.36400	0	1.05179	1	3.43495	0	1.03893	1	57	3	2	1573
3.45500	0	1.03469	1	3.48212	0	1.03135	1	3.49100	0	1.03122	1	57	3	2	1574
3.51687	0	1.03430	1	3.54365	0	1.04478	1	3.54500	0	1.04588	1	57	3	2	1575
3.57963	0	1.07379	1	3.58200	0	1.07638	1	3.59158	0	1.08322	1	57	3	2	1576
3.60077	0	1.09043	1	3.60900	0	1.09708	1	3.61723	0	1.10366	1	57	3	2	1577
3.62642	0	1.11061	1	3.63600	0	1.11697	1	3.63837	0	1.11772	1	57	3	2	1578
3.67435	0	1.11772	1	3.69100	0	1.11068	1	3.70113	0	1.10918	1	57	3	2	1579
3.72700	0	1.09885	1	3.73588	0	1.09662	1	3.78454	0	1.08151	1	57	3	2	1580
3.81800	0	1.07349	1	3.85686	0	1.06581	1	3.90900	0	1.05955	1	57	3	2	1581
3.97095	0	1.05247	1	4.00000	0	1.05031	1	4.09100	0	1.04367	1	57	3	2	1582
4.16256	0	1.03852	1	4.18200	0	1.03730	1	4.22739	0	1.03425	1	57	3	2	1583
4.29246	0	1.02990	1	4.36400	0	1.02428	1	4.48475	0	1.01533	1	57	3	2	1584
4.54500	0	1.00795	1	4.59925	0	1.00210	1	4.63600	0	9.94056	0	57	3	2	1585
4.67184	0	9.87815	0	4.72066	0	9.75473	0	4.72700	0	9.74984	0	57	3	2	1586
4.75554	0	9.78200	0	4.78200	0	9.88773	0	4.78242	0	9.89027	0	57	3	2	1587
4.80000	0	1.01039	1	4.81852	0	1.02837	1	4.83051	0	1.04447	1	57	3	2	1588
4.83600	0	1.05224	1	4.83974	0	1.05447	1	4.84800	0	1.05948	1	57	3	2	1589
4.85500	0	1.06342	1	4.85626	0	1.06423	1	4.86549	0	1.06939	1	57	3	2	1590
4.87748	0	1.07425	1	4.89100	0	1.07312	1	4.90900	0	1.08138	1	57	3	2	1591
4.91358	0	1.08432	1	4.94046	0	1.08466	1	4.94500	0	1.08318	1	57	3	2	1592
4.97534	0	1.07291	1	4.98100	0	1.07072	1	5.02416	0	1.05452	1	57	3	2	1593
5.03100	0	1.04000	1	5.09675	0	1.03856	1	5.13866	0	1.03245	1	57	3	2	1594
5.14500	0	1.03172	1	5.18200	0	1.02822	1	5.18327	0	1.02808	1	57	3	2	1595
5.26052	0	1.02189	1	5.27300	0	1.02100	1	5.30900	0	1.01967	1	57	3	2	1596
5.31248	0	1.01923	1	5.34960	0	1.01535	1	5.37820	0	1.01287	1	57	3	2	1597
5.41663	0	1.01039	1	5.42939	0	1.00975	1	5.43921	0	1.00930	1	57	3	2	1598
5.44800	0	1.00892	1	5.45679	0	1.00855	1	5.46661	0	1.00813	1	57	3	2	1599
5.46744	0	1.00809	1	5.53736	0	1.00416	1	5.54500	0	1.00351	1	57	3	2	1600
5.60000	0	9.97267	0	5.65500	0	9.90181	0	5.66264	0	9.88534	0	57	3	2	1601
5.72700	0	9.73601	0	5.73256	0	9.72194	0	5.81800	0	9.47837	0	57	3	2	1602
5.82346	0	9.46774	0	5.90900	0	9.21276	0	5.90000	0	9.08612	0	57	3	2	1603
6.04863	0	9.13179	0	6.09100	0	9.12965	0	6.12963	0	9.17951	0	57	3	2	1604
6.16232	0	9.21550	0	6.16400	0	9.21725	0	6.18747	0	9.13009	0	57	3	2	1605
6.21000	0	9.06118	0	6.21800	0	9.05334	0	6.23253	0	8.97880	0	57	3	2	1606
6.25500	0	8.97228	0	6.25768	0	8.97107	0	6.29037	0	9.29819	0	57	3	2	1607
6.29100	0	9.31538	0	6.33106	0	1.03723	1	6.34818	0	1.10138	1	57	3	2	1608
6.36194	0	1.15571	1	6.37252	0	1.19653	1	6.38200	0	1.23070	1	57	3	2	1609
6.39148	0	1.26133	1	6.40206	0	1.28999	1	6.41582	0	1.31678	1	57	3	2	1610
6.41800	0	1.31692	1	6.45500	0	1.32383	1	6.45725	0	1.32572	1	57	3	2	1611

6.48808	0	1.29171	1	6.49100	0	1.28650	1	6.52810	0	1.21526	1	57	3	2	1612
6.54500	0	1.18860	1	6.58412	0	1.12476	1	6.63600	0	1.08044	1	57	3	2	1613
6.66741	0	1.05355	1	6.72052	0	1.02688	1	6.72700	0	1.02425	1	57	3	2	1614
6.77646	0	1.00414	1	6.81800	0	9.87091	0	6.86416	0	9.73343	0	57	3	2	1615
6.92315	0	9.55709	0	6.96529	0	9.52191	0	6.98200	0	9.59128	0	57	3	2	1616
6.99776	0	9.60707	0	7.04138	0	9.92141	0	7.05587	0	1.00794	1	57	3	2	1617
7.06702	0	1.02089	1	7.07700	0	1.03257	1	7.08698	0	1.04388	1	57	3	2	1618
7.09813	0	1.05558	1	7.11262	0	1.06855	1	7.15624	0	1.08624	1	57	3	2	1619
7.18200	0	1.08018	1	7.18871	0	1.07965	1	7.23085	0	1.06094	1	57	3	2	1620
7.28984	0	1.03016	1	7.29100	0	1.02974	1	7.37754	0	1.00094	1	57	3	2	1621
7.51588	0	9.75024	0	7.74821	0	9.43786	0	7.81800	0	9.34386	0	57	3	2	1622
7.84976	0	9.30634	0	7.97215	0	9.14037	0	8.00000	0	9.07987	0	57	3	2	1623
8.18100	0	8.73402	0	8.25212	0	8.62684	0	8.36300	0	8.24026	0	57	3	2	1624
8.41882	0	8.09940	0	8.45300	0	7.95481	0	8.52451	0	7.44253	0	57	3	2	1625
8.59560	0	7.39624	0	8.64639	0	8.40974	0	8.68551	0	1.02205	1	57	3	2	1626
8.73808	0	1.39191	1	8.75554	0	1.52632	1	8.76897	0	1.62525	1	57	3	2	1627
8.78100	0	1.70726	1	8.79303	0	1.78049	1	8.80646	0	1.84941	1	57	3	2	1628
8.82392	0	1.91567	1	8.87649	0	1.94895	1	8.91561	0	1.84951	1	57	3	2	1629
8.92500	0	1.81511	1	8.96640	0	1.63025	1	9.01500	0	1.43577	1	57	3	2	1630
9.03749	0	1.36429	1	9.03990	0	1.35808	1	9.04219	0	1.35226	1	57	3	2	1631
9.05200	0	1.33231	1	9.10600	0	1.23118	1	9.10977	0	1.22443	1	57	3	2	1632
9.15804	0	1.17628	1	9.17900	0	1.16732	1	9.19523	0	1.15573	1	57	3	2	1633
9.23300	0	1.15026	1	9.24520	0	1.15385	1	9.26180	0	1.16432	1	57	3	2	1634
9.27456	0	1.17348	1	9.28600	0	1.18214	1	9.29744	0	1.19089	1	57	3	2	1635
9.30600	0	1.19728	1	9.31020	0	1.20085	1	9.32680	0	1.21397	1	57	3	2	1636
9.36000	0	1.23225	1	9.37677	0	1.22580	1	9.41396	0	1.19829	1	57	3	2	1637
9.42072	0	1.19228	1	9.43200	0	1.18165	1	9.43624	0	1.17925	1	57	3	2	1638
9.45100	0	1.16961	1	9.50500	0	1.13889	1	9.52162	0	1.13108	1	57	3	2	1639
9.54100	0	1.12472	1	9.63634	0	1.09460	1	9.67444	0	1.08879	1	57	3	2	1640
9.70374	0	1.08583	1	9.70400	0	1.08581	1	9.73000	0	1.08345	1	57	3	2	1641
9.75626	0	1.08141	1	9.75900	0	1.08116	1	9.78556	0	1.07569	1	57	3	2	1642
9.82366	0	1.06782	1	9.93838	0	1.03706	1	9.99500	0	1.02044	1	57	3	2	1643
1.00238	1	1.01785	1	1.00390	1	1.01737	1	1.00460	1	1.01734	1	57	3	2	1644
1.00850	1	1.01979	1	1.00850	1	1.01980	1	1.01373	1	1.02542	1	57	3	2	1645
1.01547	1	1.02921	1	1.01680	1	1.03247	1	1.01740	1	1.03449	1	57	3	2	1646
1.01800	1	1.03439	1	1.01920	1	1.03409	1	1.02053	1	1.03361	1	57	3	2	1647
1.02227	1	1.03254	1	1.02519	1	1.02897	1	1.02670	1	1.02327	1	57	3	2	1648
1.03390	1	1.00750	1	1.04300	1	9.99570	0	1.04745	1	9.95594	0	57	3	2	1649
1.06069	1	9.82287	0	1.06290	1	9.80641	0	1.07087	1	9.73924	0	57	3	2	1650
1.07200	1	9.73021	0	1.08000	1	9.63040	0	1.08110	1	9.61561	0	57	3	2	1651
1.08913	1	9.49840	0	1.09370	1	9.42001	0	1.09920	1	9.30703	0	57	3	2	1652
1.09931	1	9.30500	0	1.11255	1	8.98610	0	1.12640	1	8.69449	0	57	3	2	1653
1.14090	1	8.49395	0	1.14450	1	8.48120	0	1.14810	1	8.49275	0	57	3	2	1654
1.15242	1	8.63395	0	1.15540	1	8.66671	0	1.15593	1	9.80143	0	57	3	2	1655
1.15643	1	9.96948	0	1.16203	1	1.24056	1	1.16389	1	1.32779	1	57	3	2	1656
1.16532	1	1.38988	1	1.16660	1	1.43902	1	1.16788	1	1.48005	1	57	3	2	1657
1.16931	1	1.51441	1	1.17117	1	1.53901	1	1.17677	1	1.47999	1	57	3	2	1658
1.18094	1	1.34934	1	1.18620	1	1.16598	1	1.18635	1	1.16166	1	57	3	2	1659
1.18980	1	1.09181	1	1.19393	1	1.00445	1	1.20000	1	9.28187	0	57	3	2	1660
1.20255	1	8.95986	0	1.20910	1	8.41137	0	1.21143	1	8.22088	0	57	3	2	1661
1.21450	1	8.36969	0	1.21924	1	8.63740	0	1.22000	1	8.93887	0	57	3	2	1662
1.22482	1	1.07978	1	1.22911	1	1.41150	1	1.23489	1	2.01265	1	57	3	2	1663
1.23500	1	2.02419	1	1.23680	1	2.20342	1	1.23828	1	2.33347	1	57	3	2	1664
1.23960	1	2.43261	1	1.24092	1	2.51187	1	1.24240	1	2.57398	1	57	3	2	1665
1.24431	1	2.61079	1	1.24900	1	2.48199	1	1.24910	1	2.47924	1	57	3	2	1666
1.25009	1	2.44249	1	1.25438	1	2.12673	1	1.25440	1	2.12555	1	57	3	2	1667
1.25996	1	1.77305	1	1.26264	1	1.63739	1	1.26536	1	1.52682	1	57	3	2	1668
1.27104	1	1.37164	1	1.27542	1	1.30041	1	1.28130	1	1.24188	1	57	3	2	1669
1.28325	1	1.22939	1	1.28475	1	1.22107	1	1.28610	1	1.27143	1	57	3	2	1670
1.28745	1	1.20827	1	1.28895	1	1.20195	1	1.29090	1	1.19429	1	57	3	2	1671
1.29678	1	1.17243	1	1.30116	1	1.15569	1	1.30583	1	1.13786	1	57	3	2	1672
1.31097	1	1.11978	1	1.31577	1	1.10581	1	1.32223	1	1.09266	1	57	3	2	1673
1.32437	1	1.08953	1	1.32602	1	1.08739	1	1.32750	1	1.08516	1	57	3	2	1674
1.32898	1	1.08348	1	1.33063	1	1.08159	1	1.33277	1	1.07905	1	57	3	2	1675
1.33923	1	1.06957	1	1.34403	1	1.06039	1	1.34941	1	1.04905	1	57	3	2	1676
1.35446	1	1.03919	1	1.35897	1	1.03261	1	1.36504	1	1.02881	1	57	3	2	1677
1.36706	1	1.02888	1	1.36861	1	1.02938	1	1.37000	1	1.03011	1	57	3	2	1678
1.37139	1	1.03108	1	1.37294	1	1.03242	1	1.37496	1	1.03422	1	57	3	2	1679
1.37660	1	1.03610	1	1.38232	1	1.04437	1	1.38935	1	1.05918	1	57	3	2	1680
1.39475	1	1.07460	1	1.39960	1	1.09030	1	1.40445	1	1.10563	1	57	3	2	1681
1.40850	1	1.11605	1	1.40985	1	1.11686	1	1.41688	1	1.11213	1	57	3	2	1682

1.42670	1	1.08114	1	1.43570	1	1.05698	1	1.43806	1	1.05041	1	57	3	2	1683
1.44120	1	1.04394	1	1.44190	1	1.04243	1	1.44304	1	1.04112	1	57	3	2	1684
1.44480	1	1.04201	1	1.44929	1	1.04555	1	1.45137	1	1.05044	1	57	3	2	1685
1.45297	1	1.05475	1	1.45440	1	1.05874	1	1.45583	1	1.06258	1	57	3	2	1686
1.45743	1	1.06641	1	1.45951	1	1.07020	1	1.46110	1	1.07009	1	57	3	2	1687
1.46470	1	1.07603	1	1.46576	1	1.07720	1	1.47041	1	1.07083	1	57	3	2	1688
1.47370	1	1.06193	1	1.47646	1	1.05397	1	1.48491	1	1.02770	1	57	3	2	1689
1.49010	1	1.01389	1	1.49688	1	9.96139	0	1.50000	1	9.87440	0	57	3	2	1690
1.50910	1	9.62535	0	1.50920	1	9.62307	0	1.51790	1	9.39404	0	57	3	2	1691
1.51820	1	9.38996	0	1.52412	1	9.35147	0	1.52730	1	9.42346	0	57	3	2	1692
1.52891	1	9.50577	0	1.53535	1	1.00880	1	1.53640	1	1.02082	1	57	3	2	1693
1.53748	1	1.02489	1	1.53913	1	1.03179	1	1.54060	1	1.03801	1	57	3	2	1694
1.54207	1	1.04383	1	1.54372	1	1.04936	1	1.54550	1	1.05347	1	57	3	2	1695
1.54585	1	1.05455	1	1.55229	1	1.05284	1	1.55450	1	1.04276	1	57	3	2	1696
1.55708	1	1.03850	1	1.56330	1	1.01250	1	1.56360	1	1.01098	1	57	3	2	1697
1.57200	1	9.70919	0	1.57270	1	9.67606	0	1.57433	1	9.60015	0	57	3	2	1698
1.57671	1	9.49048	0	1.58180	1	9.28200	0	1.58560	1	9.15049	0	57	3	2	1699
1.59090	1	9.13086	0	1.59196	1	9.15935	0	1.59685	1	9.53346	0	57	3	2	1700
1.60000	1	9.99000	0	1.60343	1	1.04209	1	1.60561	1	1.02686	1	57	3	2	1701
1.60729	1	1.10387	1	1.60880	1	1.12725	1	1.60910	1	1.13159	1	57	3	2	1702
1.61031	1	1.13770	1	1.61199	1	1.14346	1	1.61417	1	1.14538	1	57	3	2	1703
1.61820	1	1.12172	1	1.62075	1	1.12789	1	1.62564	1	1.10339	1	57	3	2	1704
1.62730	1	1.09027	1	1.63200	1	1.05606	1	1.63640	1	1.02548	1	57	3	2	1705
1.63749	1	1.01803	1	1.64309	1	9.89812	0	1.64360	1	9.88549	0	57	3	2	1706
1.64910	1	9.78103	0	1.64956	1	9.77655	0	1.65450	1	9.88177	0	57	3	2	1707
1.65454	1	9.88259	0	1.66123	1	1.02503	1	1.66346	1	1.04183	1	57	3	2	1708
1.66360	1	1.04297	1	1.66517	1	1.04820	1	1.66670	1	1.05352	1	57	3	2	1709
1.66823	1	1.05873	1	1.66994	1	1.06406	1	1.67217	1	1.06963	1	57	3	2	1710
1.67270	1	1.06984	1	1.67886	1	1.06520	1	1.68180	1	1.05414	1	57	3	2	1711
1.68384	1	1.05172	1	1.69031	1	1.03137	1	1.69090	1	1.02909	1	57	3	2	1712
1.69450	1	1.01746	1	1.69936	1	1.00317	1	1.70000	1	1.00163	1	57	3	2	1713
1.70910	1	9.79192	0	1.71282	1	9.69925	0	1.71810	1	9.60100	0	57	3	2	1714
1.72730	1	9.46071	0	1.73405	1	9.34231	0	1.73457	1	9.33374	0	57	3	2	1715
1.73511	1	9.32482	0	1.73640	1	9.30129	0	1.74550	1	9.15811	0	57	3	2	1716
1.75450	1	9.02101	0	1.75720	1	8.98655	0	1.76360	1	8.86544	0	57	3	2	1717
1.77121	1	8.74584	0	1.77270	1	8.72128	0	1.78063	1	8.65537	0	57	3	2	1718
1.78180	1	8.66295	0	1.78736	1	8.77438	0	1.79090	1	8.93495	0	57	3	2	1719
1.79254	1	8.94891	0	1.79951	1	9.22786	0	1.80183	1	9.36308	0	57	3	2	1720
1.80361	1	9.47345	0	1.80520	1	9.57303	0	1.80679	1	9.66981	0	57	3	2	1721
1.80857	1	9.77058	0	1.80910	1	9.79629	0	1.81089	1	9.78041	0	57	3	2	1722
1.81786	1	9.54130	0	1.81820	1	9.51712	0	1.82304	1	9.38978	0	57	3	2	1723
1.82730	1	9.17176	0	1.82977	1	9.09478	0	1.83640	1	8.80339	0	57	3	2	1724
1.83919	1	8.69426	0	1.84550	1	8.44169	0	1.85004	1	8.27281	0	57	3	2	1725
1.85450	1	8.09940	0	1.86116	1	7.86693	0	1.86360	1	7.76824	0	57	3	2	1726
1.87082	1	7.52199	0	1.87270	1	7.45463	0	1.87772	1	7.34530	0	57	3	2	1727
1.88180	1	7.27395	0	1.88303	1	7.27412	0	1.89017	1	7.44906	0	57	3	2	1728
1.89090	1	7.49489	0	1.89254	1	7.39303	0	1.89437	1	7.33416	0	57	3	2	1729
1.89600	1	7.33549	0	1.89743	1	7.40251	0	1.89946	1	7.57565	0	57	3	2	1730
1.90000	1	7.67255	0	1.90183	1	8.28223	0	1.90897	1	1.26738	1	57	3	2	1731
1.91278	1	1.66323	1	1.91662	1	2.17854	1	1.92382	1	3.29507	1	57	3	2	1732
1.92671	1	3.63377	1	1.92805	1	3.85863	1	1.92970	1	4.02568	1	57	3	2	1733
1.93135	1	4.15511	1	1.93319	1	4.25132	1	1.93558	1	4.29828	1	57	3	2	1734
1.93810	1	4.18755	1	1.94278	1	3.68832	1	1.94360	1	3.56392	1	57	3	2	1735
1.94550	1	3.32456	1	1.94815	1	3.02712	1	1.94910	1	2.92287	1	57	3	2	1736
1.95090	1	2.73926	1	1.95270	1	2.56045	1	1.95450	1	2.38481	1	57	3	2	1737
1.95510	1	2.32696	1	1.96180	1	1.90402	1	1.96411	1	1.76060	1	57	3	2	1738
1.96720	1	1.67385	1	1.97270	1	1.52275	1	1.97690	1	1.40770	1	57	3	2	1739
1.98180	1	1.34465	1	1.98679	1	1.28135	1	1.99090	1	1.24804	1	57	3	2	1740
1.99441	1	1.22126	1	2.00000	1	1.19352	1	2.00444	1	1.17097	1	57	3	2	1741
2.00804	1	1.15977	1	2.00910	1	1.15677	1	2.01066	1	1.14907	1	57	3	2	1742
2.01300	1	1.13829	1	2.01534	1	1.12795	1	2.01707	1	1.12047	1	57	3	2	1743
2.01831	1	1.11511	1	2.02000	1	1.10779	1	2.02169	1	1.10035	1	57	3	2	1744
2.02357	1	1.09184	1	2.02602	1	1.08032	1	2.02730	1	1.07372	1	57	3	2	1745
2.03339	1	1.04034	1	2.03640	1	1.02316	1	2.03887	1	1.01268	1	57	3	2	1746
2.04040	1	1.00660	1	2.04194	1	1.00082	1	2.04550	1	9.90310	0	57	3	2	1747
2.04748	1	9.89776	0	2.05450	1	9.99892	0	2.05492	1	1.00069	1	57	3	2	1748
2.05739	1	1.00814	1	2.05820	1	1.01069	1	2.05930	1	1.00069	1	57	3	2	1749
2.06100	1	1.00114	1	2.06270	1	9.94969	0	2.06360	1	9.91432	0	57	3	2	1750
2.06461	1	9.84064	0	2.06708	1	9.64716	0	2.06730	1	9.62826	0	57	3	2	1751
2.07270	1	9.31049	0	2.07452	1	9.25048	0	2.07640	1	9.23608	0	57	3	2	1752



2.08006	1	9.24330	0	2.08180	1	9.36028	0	2.08397	1	9.52859	0	57	3	2	1753
2.08792	1	1.02106	1	2.09090	1	1.11694	1	2.09353	1	1.19548	1	57	3	2	1754
2.10000	1	1.49440	1	2.10105	1	1.54477	1	2.10355	1	1.66921	1	57	3	2	1755
2.10360	1	1.67130	1	2.10548	1	1.79085	1	2.10720	1	1.89117	1	57	3	2	1756
2.10892	1	1.98011	1	2.10910	1	1.98791	1	2.11085	1	2.05092	1	57	3	2	1757
2.11270	1	2.09779	1	2.11335	1	2.10166	1	2.11820	1	2.01831	1	57	3	2	1758
2.12087	1	1.97545	1	2.12180	1	1.94254	1	2.12640	1	1.79798	1	57	3	2	1759
2.12648	1	1.79581	1	2.13375	1	1.57093	1	2.13640	1	1.51380	1	57	3	2	1760
2.14000	1	1.43890	1	2.14393	1	1.35752	1	2.14550	1	1.34261	1	57	3	2	1761
2.15450	1	1.25923	1	2.15906	1	1.21735	1	2.17270	1	1.16303	1	57	3	2	1762
2.18293	1	1.12304	1	2.19090	1	1.10322	1	2.19857	1	1.08471	1	57	3	2	1763
2.20910	1	1.06293	1	2.21488	1	1.05162	1	2.22730	1	1.02646	1	57	3	2	1764
2.23979	1	1.00314	1	2.24550	1	9.88092	0	2.25558	1	9.66548	0	57	3	2	1765
2.26360	1	9.44441	0	2.26620	1	9.43644	0	2.27379	1	9.51375	0	57	3	2	1766
2.27963	1	9.75476	0	2.28180	1	9.93153	0	2.28749	1	1.00270	1	57	3	2	1767
2.29010	1	1.01260	1	2.29210	1	1.02051	1	2.29390	1	1.02706	1	57	3	2	1768
2.29570	1	1.03249	1	2.29770	1	1.03658	1	2.30000	1	1.03772	1	57	3	2	1769
2.30031	1	1.03771	1	2.30817	1	1.00695	1	2.31150	1	9.84733	0	57	3	2	1770
2.31401	1	9.85914	0	2.31743	1	9.93521	0	2.32088	1	1.01390	1	57	3	2	1771
2.32300	1	1.04192	1	2.32679	1	1.06592	1	2.33472	1	1.19730	1	57	3	2	1772
2.33736	1	1.24922	1	2.33938	1	1.28703	1	2.34120	1	1.31746	1	57	3	2	1773
2.34302	1	1.34335	1	2.34504	1	1.36577	1	2.34600	1	1.37224	1	57	3	2	1774
2.34768	1	1.39851	1	2.35100	1	1.43235	1	2.35504	1	1.45123	1	57	3	2	1775
2.35824	1	1.45472	1	2.36070	1	1.45399	1	2.36290	1	1.45253	1	57	3	2	1776
2.36510	1	1.45123	1	2.36756	1	1.45044	1	2.36900	1	1.45062	1	57	3	2	1777
2.37076	1	1.43312	1	2.38039	1	1.33839	1	2.38740	1	1.26109	1	57	3	2	1778
2.38756	1	1.25984	1	2.39641	1	1.18397	1	2.40110	1	1.14855	1	57	3	2	1779
2.40382	1	1.13661	1	2.40983	1	1.12641	1	2.41030	1	1.12747	1	57	3	2	1780
2.41791	1	1.12484	1	2.42059	1	1.13166	1	2.42265	1	1.13874	1	57	3	2	1781
2.42450	1	1.14599	1	2.42635	1	1.15368	1	2.42841	1	1.16230	1	57	3	2	1782
2.43074	1	1.17142	1	2.43308	1	1.17925	1	2.43515	1	1.18463	1	57	3	2	1783
2.43700	1	1.18798	1	2.43790	1	1.18888	1	2.43885	1	1.19017	1	57	3	2	1784
2.44092	1	1.19115	1	2.44361	1	1.18961	1	2.44517	1	1.16942	1	57	3	2	1785
2.45214	1	1.16784	1	2.45412	1	1.16038	1	2.46090	1	1.13798	1	57	3	2	1786
2.48390	1	1.09693	1	2.49039	1	1.08508	1	2.50243	1	1.08426	1	57	3	2	1787
2.50690	1	1.08653	1	2.51170	1	1.08865	1	2.51610	1	1.09225	1	57	3	2	1788
2.52000	1	1.09176	1	2.52830	1	1.09396	1	2.53450	1	1.09980	1	57	3	2	1789
2.53757	1	1.08758	1	2.54684	1	1.06066	1	2.55104	1	1.05175	1	57	3	2	1790
2.55290	1	1.04835	1	2.55524	1	1.06110	1	2.55750	1	1.07358	1	57	3	2	1791
2.55900	1	1.07823	1	2.56276	1	1.08921	1	2.56696	1	1.09961	1	57	3	2	1792
2.57130	1	1.10686	1	2.57242	1	1.10934	1	2.58510	1	1.10977	1	57	3	2	1793
2.58886	1	1.10779	1	2.60110	1	1.07938	1	2.60340	1	1.07303	1	57	3	2	1794
2.61260	1	1.04156	1	2.61698	1	1.02693	1	2.61781	1	1.02445	1	57	3	2	1795
2.61824	1	1.02321	1	2.62180	1	1.01554	1	2.62639	1	1.00751	1	57	3	2	1796
2.63267	1	1.00825	1	2.64111	1	1.02913	1	2.64391	1	1.04015	1	57	3	2	1797
2.64480	1	1.04395	1	2.64607	1	1.05339	1	2.64800	1	1.06801	1	57	3	2	1798
2.64993	1	1.08256	1	2.65209	1	1.09843	1	2.65400	1	1.11174	1	57	3	2	1799
2.65489	1	1.11466	1	2.65949	1	1.12559	1	2.66529	1	1.13052	1	57	3	2	1800
2.66884	1	1.12874	1	2.67156	1	1.12528	1	2.67400	1	1.12090	1	57	3	2	1801
2.67644	1	1.11557	1	2.67916	1	1.10874	1	2.68271	1	1.09892	1	57	3	2	1802
2.69337	1	1.06747	1	2.69671	1	1.05825	1	2.69938	1	1.05139	1	57	3	2	1803
2.70000	1	1.05006	1	2.70792	1	1.03562	1	2.71076	1	1.03160	1	57	3	2	1804
2.71294	1	1.02872	1	2.71380	1	1.02761	1	2.71490	1	1.02676	1	57	3	2	1805
2.71686	1	1.02521	1	2.71904	1	1.02334	1	2.72188	1	1.02017	1	57	3	2	1806
2.73042	1	1.00634	1	2.73678	1	9.90696	0	2.73680	1	9.90635	0	57	3	2	1807
2.74140	1	9.76667	0	2.74503	1	9.65910	0	2.74706	1	9.60171	0	57	3	2	1808
2.74911	1	9.54880	0	2.75746	1	9.44301	0	2.75980	1	9.49397	0	57	3	2	1809
2.76390	1	9.60575	0	2.77254	1	1.02114	1	2.77541	1	1.04814	1	57	3	2	1810
2.77762	1	1.06962	1	2.77960	1	1.08877	1	2.78158	1	1.10717	1	57	3	2	1811
2.78280	1	1.11766	1	2.78379	1	1.12414	1	2.78666	1	1.13950	1	57	3	2	1812
2.79426	1	1.15551	1	2.80190	1	1.13768	1	2.80479	1	1.12533	1	57	3	2	1813
2.80570	1	1.12103	1	2.80701	1	1.11600	1	2.80900	1	1.10807	1	57	3	2	1814
2.81099	1	1.10015	1	2.81321	1	1.09162	1	2.81610	1	1.08148	1	57	3	2	1815
2.82202	1	1.06540	1	2.82797	1	1.05626	1	2.82870	1	1.05568	1	57	3	2	1816
2.83087	1	1.05642	1	2.83310	1	1.05785	1	2.83510	1	1.05946	1	57	3	2	1817
2.83710	1	1.06124	1	2.83933	1	1.06298	1	2.84223	1	1.06550	1	57	3	2	1818
2.84250	1	1.06561	1	2.85096	1	1.06789	1	2.85170	1	1.06774	1	57	3	2	1819
2.85299	1	1.06634	1	2.85504	1	1.06381	1	2.86383	1	1.05092	1	57	3	2	1820
2.86674	1	1.04641	1	2.86899	1	1.04299	1	2.87100	1	1.03995	1	57	3	2	1821
2.87301	1	1.03696	1	2.87470	1	1.03446	1	2.87526	1	1.03401	1	57	3	2	1822
2.87817	1	1.03166	1	2.88696	1	1.02399	1	2.89350	1	1.01732	1	57	3	2	1823

2.89770+	1	1.01264+	1	2.90199+	1	1.00680+	1	2.91387+	1	9.89677+	0	57	3	2	1824
2.91733+	1	9.84466+	0	2.92070+	1	9.79227+	0	2.92084+	1	9.79029+	0	57	3	2	1825
2.93291+	1	9.60931+	0	2.94154+	1	9.50704+	0	2.94370+	1	9.50110+	0	57	3	2	1826
2.94818+	1	9.49846+	0	2.95711+	1	9.61896+	0	2.96008+	1	9.68616+	0	57	3	2	1827
2.96236+	1	9.74241+	0	2.96440+	1	9.79365+	0	2.96644+	1	9.84349+	0	57	3	2	1828
2.96670+	1	9.84927+	0	2.96872+	1	9.87171+	1	2.97169+	1	9.89397+	0	57	3	2	1829
2.98062+	1	9.85746+	0	2.98726+	1	9.73000+	0	2.98970+	1	9.66267+	0	57	3	2	1830
2.99589+	1	9.55810+	0	3.00000+	1	9.47720+	0	3.00796+	1	9.33433+	0	57	3	2	1831
3.01133+	1	9.27413+	0	3.01475+	1	9.21263+	0	3.02290+	1	9.06033+	0	57	3	2	1832
3.02701+	1	9.02736+	0	3.03578+	1	8.96714+	0	3.04253+	1	8.95345+	0	57	3	2	1833
3.04570+	1	8.97830+	0	3.05160+	1	8.89501+	0	3.05461+	1	8.88527+	0	57	3	2	1834
3.05692+	1	8.89234+	0	3.05900+	1	8.91110+	0	3.06108+	1	8.94311+	0	57	3	2	1835
3.06339+	1	8.99631+	0	3.06640+	1	9.09587+	0	3.06860+	1	9.20859+	0	57	3	2	1836
3.07247+	1	9.42606+	0	3.07770+	1	9.82773+	0	3.07856+	1	9.85728+	0	57	3	2	1837
3.08159+	1	9.98161+	0	3.08392+	1	1.00728+	1	3.08600+	1	1.01437+	1	57	3	2	1838
3.08808+	1	1.01983+	1	3.09041+	1	1.02338+	1	3.09140+	1	1.02328+	1	57	3	2	1839
3.09344+	1	1.02872+	1	3.09600+	1	1.02509+	1	3.10255+	1	1.03360+	1	57	3	2	1840
3.10933+	1	1.01321+	1	3.10970+	1	1.01151+	1	3.11430+	1	9.89031+	0	57	3	2	1841
3.11813+	1	9.70099+	0	3.13045+	1	9.15380+	0	3.13710+	1	8.92195+	0	57	3	2	1842
3.14592+	1	8.63156+	0	3.16000+	1	8.15036+	0	3.16169+	1	8.10100+	0	57	3	2	1843
3.16910+	1	8.00280+	0	3.17425+	1	7.99659+	0	3.18290+	1	8.63275+	0	57	3	2	1844
3.18322+	1	8.66113+	0	3.18740+	1	9.47258+	0	3.19013+	1	9.95342+	0	57	3	2	1845
3.19660+	1	1.17452+	0	3.19942+	1	1.23050+	1	3.20250+	1	1.30048+	1	57	3	2	1846
3.20487+	1	1.35116+	1	3.20570+	1	1.36694+	1	3.20700+	1	1.39213+	1	57	3	2	1847
3.20913+	1	1.42696+	1	3.21150+	1	1.45657+	1	3.21458+	1	1.47828+	1	57	3	2	1848
3.21940+	1	1.45135+	1	3.22387+	1	1.42787+	1	3.22860+	1	1.34612+	1	57	3	2	1849
3.23078+	1	1.32143+	1	3.23975+	1	1.19119+	1	3.25140+	1	1.06074+	1	57	3	2	1850
3.25231+	1	1.05056+	1	3.27098+	1	9.40034+	0	3.27430+	1	9.26062+	0	57	3	2	1851
3.27870+	1	9.08381+	0	3.28659+	1	8.78909+	0	3.29710+	1	8.37934+	0	57	3	2	1852
3.30568+	1	8.11798+	0	3.31852+	1	8.14466+	0	3.32000+	1	8.32995+	0	57	3	2	1853
3.32769+	1	9.42940+	0	3.33475+	1	1.15471+	1	3.34425+	1	1.54809+	1	57	3	2	1854
3.34740+	1	1.67865+	1	3.34983+	1	1.76810+	1	3.35200+	1	1.83644+	1	57	3	2	1855
3.35417+	1	1.82326+	1	3.35660+	1	1.79041+	1	3.35975+	1	1.71744+	1	57	3	2	1856
3.36110+	1	1.66025+	1	3.36925+	1	1.52660+	1	3.37490+	1	1.35215+	1	57	3	2	1857
3.37631+	1	1.31708+	1	3.38548+	1	1.09479+	1	3.38860+	1	1.04442+	1	57	3	2	1858
3.39423+	1	9.53003+	0	3.40310+	1	8.98401+	0	3.41140+	1	9.59894+	0	57	3	2	1859
3.41238+	1	9.68668+	0	3.41954+	1	1.14387+	1	3.42915+	1	1.49733+	1	57	3	2	1860
3.43234+	1	1.61918+	1	3.43430+	1	1.68768+	1	3.43480+	1	1.70007+	1	57	3	2	1861
3.43700+	1	1.74553+	1	3.43920+	1	1.78005+	1	3.44166+	1	1.80362+	1	57	3	2	1862
3.44340+	1	1.80639+	1	3.44485+	1	1.74289+	1	3.44800+	1	1.55240+	1	57	3	2	1863
3.45260+	1	1.41594+	1	3.45446+	1	1.40168+	1	3.45710+	1	1.35066+	1	57	3	2	1864
3.46092+	1	1.29848+	1	3.46170+	1	1.28890+	1	3.46630+	1	1.23548+	1	57	3	2	1865
3.46742+	1	1.22139+	1	3.47090+	1	1.21708+	1	3.47540+	1	1.18745+	1	57	3	2	1866
3.47710+	1	1.16993+	1	3.48031+	1	1.17638+	1	3.48278+	1	1.19612+	1	57	3	2	1867
3.48460+	1	1.21991+	1	3.48500+	1	1.22159+	1	3.48722+	1	1.24198+	1	57	3	2	1868
3.48910+	1	1.26939+	1	3.48969+	1	1.27086+	1	3.49290+	1	1.30132+	1	57	3	2	1869
3.50181+	1	1.51385+	1	3.50290+	1	1.55396+	1	3.51076+	1	2.50489+	1	57	3	2	1870
3.51399+	1	2.88616+	1	3.51647+	1	3.16310+	1	3.51870+	1	3.39446+	1	57	3	2	1871
3.52093+	1	3.60678+	1	3.52150+	1	3.65839+	1	3.52325+	1	3.80584+	1	57	3	2	1872
3.52570+	1	3.96551+	1	3.53000+	1	3.76895+	1	3.53675+	1	3.28536+	1	57	3	2	1873
3.54428+	1	2.63912+	1	3.54860+	1	2.27238+	1	3.55407+	1	2.12374+	1	57	3	2	1874
3.56409+	1	1.96459+	1	3.57140+	1	1.94505+	1	3.58639+	1	1.64535+	1	57	3	2	1875
3.59430+	1	1.53859+	1	3.60820+	1	1.44750+	1	3.62497+	1	1.36845+	1	57	3	2	1876
3.64000+	1	1.31061+	1	3.65503+	1	1.26077+	1	3.66290+	1	1.23765+	1	57	3	2	1877
3.67180+	1	1.22030+	1	3.68570+	1	1.19743+	1	3.69361+	1	1.18166+	1	57	3	2	1878
3.69500+	1	1.17908+	1	3.69639+	1	1.17652+	1	3.70860+	1	1.15517+	1	57	3	2	1879
3.71820+	1	1.14287+	1	3.73140+	1	1.12741+	1	3.73497+	1	1.12350+	1	57	3	2	1880
3.75000+	1	1.10743+	1	3.75430+	1	1.10264+	1	3.76503+	1	1.08814+	1	57	3	2	1881
3.77710+	1	1.07045+	1	3.78180+	1	1.06089+	1	3.80000+	1	1.02457+	1	57	3	2	1882
3.80361+	1	1.02268+	1	3.81666+	1	1.02800+	1	3.81927+	1	1.03049+	1	57	3	2	1883
3.82290+	1	1.03362+	1	3.82363+	1	1.03459+	1	3.82699+	1	1.03488+	1	57	3	2	1884
3.83000+	1	1.03521+	1	3.83301+	1	1.03536+	1	3.83637+	1	1.03508+	1	57	3	2	1885
3.84073+	1	1.03355+	1	3.84570+	1	1.02749+	1	3.85388+	1	1.01411+	1	57	3	2	1886
3.86366+	1	9.86388+	0	3.86860+	1	9.67473+	0	3.87637+	1	9.41487+	0	57	3	2	1887
3.89140+	1	8.81847+	0	3.89225+	1	8.78359+	0	3.90469+	1	8.59182+	0	57	3	2	1888
3.91430+	1	9.33428+	0	3.91464+	1	9.36879+	0	3.92230+	1	1.11120+	1	57	3	2	1889
3.92340+	1	1.14806+	1	3.92800+	1	1.36249+	1	3.93260+	1	1.68906+	1	57	3	2	1890
3.93601+	1	1.93734+	1	3.93710+	1	2.01342+	1	3.93864+	1	2.01659+	1	57	3	2	1891
3.94100+	1	2.01327+	1	3.94336+	1	1.99995+	1	3.94599+	1	1.97124+	1	57	3	2	1892
3.94940+	1	1.90635+	1	3.95090+	1	1.85690+	1	3.95970+	1	1.74883+	1	57	3	2	1893
3.96000+	1	1.74152+	1	3.96542+	1	1.64753+	1	3.96910+	1	1.57466+	1	57	3	2	1894

3.97118+	1	1.53558+	1	3.98154+	1	1.36953+	1	3.98290+	1	1.35362+	1	57	3	2	1895
3.98498+	1	1.33244+	1	3.98763+	1	1.31059+	1	3.99000+	1	1.29430+	1	57	3	2	1896
3.99237+	1	1.28066+	1	3.99502+	1	1.26805+	1	3.99660+	1	1.26195+	1	57	3	2	1897
3.99846+	1	1.24919+	1	4.00882+	1	1.18971+	1	4.01652+	1	1.14966+	1	57	3	2	1898
4.01940+	1	1.13611+	1	4.02167+	1	1.13155+	1	4.02687+	1	1.12340+	1	57	3	2	1899
4.03464+	1	1.11768+	1	4.04508+	1	1.12447+	1	4.04854+	1	1.12989+	1	57	3	2	1900
4.05121+	1	1.13470+	1	4.05140+	1	1.13506+	1	4.05360+	1	1.13139+	1	57	3	2	1901
4.05599+	1	1.12746+	1	4.05866+	1	1.12289+	1	4.06212+	1	1.11627+	1	57	3	2	1902
4.06970+	1	1.09649+	1	4.07256+	1	1.08847+	1	4.07430+	1	1.08171+	1	57	3	2	1903
4.07890+	1	1.06644+	1	4.08033+	1	1.06332+	1	4.08247+	1	1.05764+	1	57	3	2	1904
4.08634+	1	1.04651+	1	4.09710+	1	1.01345+	1	4.10049+	1	1.01154+	1	57	3	2	1905
4.11949+	1	1.01344+	1	4.12000+	1	1.01392+	1	4.12580+	1	1.01458+	1	57	3	2	1906
4.13065+	1	1.01694+	1	4.13500+	1	1.02043+	1	4.13935+	1	1.02565+	1	57	3	2	1907
4.14290+	1	1.03233+	1	4.14420+	1	1.02716+	1	4.15042+	1	1.01150+	1	57	3	2	1908
4.15388+	1	1.00952+	1	4.15658+	1	1.01277+	1	4.15660+	1	1.01282+	1	57	3	2	1909
4.15900+	1	1.02524+	1	4.16142+	1	1.04203+	1	4.16412+	1	1.06609+	1	57	3	2	1910
4.16570+	1	1.08388+	1	4.16763+	1	1.11091+	1	4.17313+	1	1.20356+	1	57	3	2	1911
4.17864+	1	1.30609+	1	4.17940+	1	1.31973+	1	4.18216+	1	1.36170+	1	57	3	2	1912
4.18487+	1	1.39788+	1	4.18730+	1	1.42475+	1	4.18973+	1	1.44515+	1	57	3	2	1913
4.19244+	1	1.45928+	1	4.19596+	1	1.46313+	1	4.19770+	1	1.45223+	1	57	3	2	1914
4.20511+	1	1.41776+	1	4.21140+	1	1.35231+	1	4.21430+	1	1.32950+	1	57	3	2	1915
4.21784+	1	1.30067+	1	4.22056+	1	1.28060+	1	4.22300+	1	1.26457+	1	57	3	2	1916
4.22544+	1	1.25051+	1	4.22816+	1	1.23708+	1	4.22970+	1	1.23087+	1	57	3	2	1917
4.23170+	1	1.21843+	1	4.23890+	1	1.18486+	1	4.24236+	1	1.16858+	1	57	3	2	1918
4.24594+	1	1.15604+	1	4.24954+	1	1.14559+	1	4.25710+	1	1.13324+	1	57	3	2	1919
4.26025+	1	1.13042+	1	4.26381+	1	1.13060+	1	4.26655+	1	1.13193+	1	57	3	2	1920
4.26900+	1	1.13327+	1	4.27090+	1	1.13417+	1	4.27145+	1	1.13424+	1	57	3	2	1921
4.27419+	1	1.13401+	1	4.27775+	1	1.13224+	1	4.28000+	1	1.12809+	1	57	3	2	1922
4.28846+	1	1.11060+	1	4.28910+	1	1.10824+	1	4.29644+	1	1.08109+	1	57	3	2	1923
4.30290+	1	1.05536+	1	4.30425+	1	1.05062+	1	4.31214+	1	1.03214+	1	57	3	2	1924
4.32018+	1	1.03404+	1	4.32110+	1	1.03761+	1	4.33030+	1	1.09466+	1	57	3	2	1925
4.33098+	1	1.09681+	1	4.33457+	1	1.11489+	1	4.33733+	1	1.12924+	1	57	3	2	1926
4.33980+	1	1.14160+	1	4.34227+	1	1.15281+	1	4.34503+	1	1.16326+	1	57	3	2	1927
4.34860+	1	1.17252+	1	4.34862+	1	1.17257+	1	4.35942+	1	1.16575+	1	57	3	2	1928
4.36483+	1	1.14788+	1	4.36690+	1	1.13973+	1	4.37026+	1	1.14251+	1	57	3	2	1929
4.38060+	1	1.15865+	1	4.38113+	1	1.15583+	1	4.38474+	1	1.14152+	1	57	3	2	1930
4.38751+	1	1.13190+	1	4.39000+	1	1.12412+	1	4.39249+	1	1.11728+	1	57	3	2	1931
4.39350+	1	1.11462+	1	4.39451+	1	1.11200+	1	4.39700+	1	1.10561+	1	57	3	2	1932
4.39949+	1	1.09909+	1	4.40227+	1	1.09135+	1	4.40340+	1	1.08781+	1	57	3	2	1933
4.40588+	1	1.08495+	1	4.41675+	1	1.06180+	1	4.41710+	1	1.06078+	1	57	3	2	1934
4.42484+	1	1.04287+	1	4.42839+	1	1.03502+	1	4.43196+	1	1.02858+	1	57	3	2	1935
4.44000+	1	1.02398+	1	4.44011+	1	1.02420+	1	4.45106+	1	1.07569+	1	57	3	2	1936
4.45470+	1	1.09928+	1	4.45749+	1	1.11876+	1	4.46000+	1	1.13676+	1	57	3	2	1937
4.46251+	1	1.15486+	1	4.46290+	1	1.15766+	1	4.46530+	1	1.15537+	1	57	3	2	1938
4.46894+	1	1.15057+	1	4.47134+	1	1.14636+	1	4.47635+	1	1.13395+	1	57	3	2	1939
4.48394+	1	1.10525+	1	4.48570+	1	1.09648+	1	4.48977+	1	1.10536+	1	57	3	2	1940
4.49500+	1	1.11321+	1	4.50023+	1	1.11890+	1	4.50606+	1	1.12355+	1	57	3	2	1941
4.50860+	1	1.12492+	1	4.51365+	1	1.12239+	1	4.53140+	1	1.10327+	1	57	3	2	1942
4.53449+	1	1.09490+	1	4.55154+	1	1.06633+	1	4.55430+	1	1.06227+	1	57	3	2	1943
4.55884+	1	1.05410+	1	4.56994+	1	1.04030+	1	4.57363+	1	1.03753+	1	57	3	2	1944
4.57646+	1	1.03571+	1	4.57710+	1	1.03532+	1	4.57900+	1	1.03457+	1	57	3	2	1945
4.58154+	1	1.03353+	1	4.58437+	1	1.03219+	1	4.58806+	1	1.02992+	1	57	3	2	1946
4.59916+	1	1.01736+	1	4.60000+	1	1.01398+	1	4.60741+	1	9.85352+	0	57	3	2	1947
4.61810+	1	9.59417+	0	4.61813+	1	9.59335+	0	4.62873+	1	9.28143+	0	57	3	2	1948
4.63630+	1	9.04594+	0	4.63944+	1	8.97268+	0	4.65028+	1	8.78606+	0	57	3	2	1949
4.65440+	1	8.78682+	0	4.65863+	1	9.01851+	0	4.66984+	1	9.98041+	0	57	3	2	1950
4.67260+	1	1.02910+	1	4.67357+	1	1.03109+	1	4.67643+	1	1.04014+	1	57	3	2	1951
4.67900+	1	1.05028+	1	4.68157+	1	1.06202+	1	4.68443+	1	1.07655+	1	57	3	2	1952
4.68816+	1	1.06972+	1	4.69004+	1	1.10702+	1	4.69192+	1	1.11718+	1	57	3	2	1953
4.69565+	1	1.13521+	1	4.69853+	1	1.14775+	1	4.70110+	1	1.15698+	1	57	3	2	1954
4.70367+	1	1.16392+	1	4.70655+	1	1.16857+	1	4.71028+	1	1.16930+	1	57	3	2	1955
4.72152+	1	1.13436+	1	4.72700+	1	1.09840+	1	4.72989+	1	1.08876+	1	57	3	2	1956
4.74075+	1	1.03348+	1	4.74510+	1	1.01139+	1	4.74881+	1	9.91536+	0	57	3	2	1957
4.75695+	1	9.51961+	0	4.76330+	1	9.32031+	0	4.76792+	1	9.20625+	0	57	3	2	1958
4.77410+	1	9.23824+	0	4.77637+	1	9.32617+	0	4.78773+	1	1.01879+	1	57	3	2	1959
4.78870+	1	1.02830+	1	4.79150+	1	1.04898+	1	4.79440+	1	1.07170+	1	57	3	2	1960
4.79590+	1	1.08359+	1	4.79700+	1	1.08100+	1	4.79960+	1	1.07440+	1	57	3	2	1961
4.80250+	1	1.06622+	1	4.80627+	1	1.05326+	1	4.80680+	1	1.05072+	1	57	3	2	1962
4.81347+	1	1.05190+	1	4.81770+	1	1.04567+	1	4.82070+	1	1.05767+	1	57	3	2	1963
4.82448+	1	1.06857+	1	4.82739+	1	1.07532+	1	4.82860+	1	1.07762+	1	57	3	2	1964

4.83000+	1	1.07888+	1	4.83261+	1	1.08027+	1	4.83552+	1	1.08078+	1	57	3	2	1965
4.83930+	1	1.07995+	1	4.83950+	1	1.07980+	1	4.85070+	1	1.05117+	1	57	3	2	1966
4.85400+	1	1.04341+	1	4.85494+	1	1.04166+	1	4.85919+	1	1.03628+	1	57	3	2	1967
4.86120+	1	1.03693+	1	4.86850+	1	1.04595+	1	4.87065+	1	1.04617+	1	57	3	2	1968
4.87445+	1	1.05193+	1	4.87738+	1	1.05686+	1	4.88000+	1	1.06153+	1	57	3	2	1969
4.88262+	1	1.06564+	1	4.88555+	1	1.06899+	1	4.88660+	1	1.06945+	1	57	3	2	1970
4.88935+	1	1.05977+	1	4.88999+	1	1.05718+	1	4.89063+	1	1.05447+	1	57	3	2	1971
4.89340+	1	1.04115+	1	4.89444+	1	1.04053+	1	4.89737+	1	1.03638+	1	57	3	2	1972
4.90300+	1	1.03120+	1	4.90110+	1	1.02864+	1	4.90263+	1	1.02802+	1	57	3	2	1973
4.90556+	1	1.02640+	1	4.90937+	1	1.02480+	1	4.91200+	1	1.02891+	1	57	3	2	1974
4.91930+	1	1.03374+	1	4.92085+	1	1.03398+	1	4.92086+	1	1.03399+	1	57	3	2	1975
4.92086+	1	1.03400+	1	4.92239+	1	1.08636+	1	4.93380+	1	1.09549+	1	57	3	2	1976
4.93622+	1	1.10764+	1	4.93916+	1	1.12245+	1	4.94180+	1	1.13459+	1	57	3	2	1977
4.94444+	1	1.14478+	1	4.94738+	1	1.15291+	1	4.95121+	1	1.15716+	1	57	3	2	1978
4.95560+	1	1.14374+	1	4.96274+	1	1.13556+	1	4.96640+	1	1.11612+	1	57	3	2	1979
4.97132+	1	1.08812+	1	4.97618+	1	1.05521+	1	4.97730+	1	1.04777+	1	57	3	2	1980
4.98108+	1	1.02507+	1	4.98971+	1	9.81796+	0	4.99550+	1	9.65698+	0	57	3	2	1981
5.00132+	1	9.44636+	0	5.00518+	1	9.37323+	0	5.00814+	1	9.33793+	0	57	3	2	1982
5.01080+	1	9.32122+	0	5.01346+	1	9.31854+	0	5.01642+	1	9.33240+	0	57	3	2	1983
5.01720+	1	9.34162+	0	5.02028+	1	9.35104+	0	5.02867+	1	9.48858+	0	57	3	2	1984
5.03709+	1	9.76527+	0	5.04096+	1	9.91358+	0	5.04393+	1	1.00234+	1	57	3	2	1985
5.04660+	1	1.01115+	1	5.04927+	1	1.01757+	1	5.05224+	1	1.02284+	1	57	3	2	1986
5.05611+	1	1.02475+	1	5.06082+	1	1.01864+	1	5.06651+	1	9.99301+	0	57	3	2	1987
5.07118+	1	9.75802+	0	5.07478+	1	9.54442+	0	5.07800+	1	9.35726+	0	57	3	2	1988
5.08122+	1	9.18202+	0	5.08482+	1	9.02085+	0	5.08949+	1	8.89821+	0	57	3	2	1989
5.10357+	1	9.49073+	0	5.10461+	1	9.60254+	0	5.10547+	1	9.70292+	0	57	3	2	1990
5.11721+	1	1.15810+	1	5.12111+	1	1.23125+	1	5.12411+	1	1.28606+	1	57	3	2	1991
5.12680+	1	1.33201+	1	5.12949+	1	1.37318+	1	5.13249+	1	1.41253+	1	57	3	2	1992
5.13639+	1	1.45071+	1	5.14487+	1	1.47881+	1	5.15338+	1	1.44140+	1	57	3	2	1993
5.15729+	1	1.40982+	1	5.16030+	1	1.38202+	1	5.16300+	1	1.35563+	1	57	3	2	1994
5.16570+	1	1.32861+	1	5.16871+	1	1.29847+	1	5.17262+	1	1.26040+	1	57	3	2	1995
5.18050+	1	1.19567+	1	5.18440+	1	1.16854+	1	5.18852+	1	1.14920+	1	57	3	2	1996
5.19395+	1	1.13326+	1	5.20945+	1	1.15299+	1	5.21459+	1	1.17874+	1	57	3	2	1997
5.21855+	1	1.20201+	1	5.22210+	1	1.22389+	1	5.22565+	1	1.24543+	1	57	3	2	1998
5.22961+	1	1.26759+	1	5.23475+	1	1.29123+	1	5.25025+	1	1.31276+	1	57	3	2	1999
5.25310+	1	1.30640+	1	5.26179+	1	1.28768+	1	5.27120+	1	1.25356+	1	57	3	2	2000
5.27676+	1	1.22791+	1	5.29072+	1	1.16280+	1	5.30152+	1	1.11730+	1	57	3	2	2001
5.31310+	1	1.07241+	1	5.32203+	1	1.05360+	1	5.32560+	1	1.05189+	1	57	3	2	2002
5.33401+	1	1.04566+	1	5.33799+	1	1.04674+	1	5.34106+	1	1.04826+	1	57	3	2	2003
5.34380+	1	1.04978+	1	5.34654+	1	1.05471+	1	5.34961+	1	1.05967+	1	57	3	2	2004
5.35359+	1	1.06475+	1	5.36190+	1	1.06578+	1	5.36557+	1	1.06361+	1	57	3	2	2005
5.37450+	1	1.04502+	1	5.37839+	1	1.03464+	1	5.38000+	1	1.03009+	1	57	3	2	2006
5.38231+	1	1.02366+	1	5.39128+	1	9.98956+	0	5.40000+	1	9.79046+	0	57	3	2	2007
5.40335+	1	9.71993+	0	5.40736+	1	9.65052+	0	5.41044+	1	9.59964+	0	57	3	2	2008
5.41320+	1	9.55440+	0	5.41596+	1	9.50814+	0	5.41810+	1	9.47036+	0	57	3	2	2009
5.41904+	1	9.44805+	0	5.42365+	1	9.33968+	0	5.43512+	1	8.94690+	0	57	3	2	2010
5.43630+	1	8.89809+	0	5.44409+	1	8.62383+	0	5.45440+	1	8.26327+	0	57	3	2	2011
5.45575+	1	8.22601+	0	5.45940+	1	8.16788+	0	5.46349+	1	8.16369+	0	57	3	2	2012
5.47260+	1	8.59572+	0	5.47524+	1	8.80259+	0	5.48430+	1	1.03408+	1	57	3	2	2013
5.49070+	1	1.19521+	1	5.49647+	1	1.31176+	1	5.50051+	1	1.39962+	1	57	3	2	2014
5.50362+	1	1.46149+	1	5.50640+	1	1.51040+	1	5.50880+	1	1.54524+	1	57	3	2	2015
5.50918+	1	1.54764+	1	5.51229+	1	1.55510+	1	5.51633+	1	1.54383+	1	57	3	2	2016
5.52700+	1	1.39202+	1	5.52850+	1	1.38570+	1	5.53756+	1	1.25858+	1	57	3	2	2017
5.54506+	1	1.14346+	1	5.54510+	1	1.14301+	1	5.55262+	1	1.06949+	1	57	3	2	2018
5.56174+	1	1.02935+	1	5.56330+	1	1.03366+	1	5.57400+	1	1.07151+	1	57	3	2	2019
5.57807+	1	1.10366+	1	5.58120+	1	1.13235+	1	5.58140+	1	1.13438+	1	57	3	2	2020
5.58400+	1	1.12243+	1	5.58680+	1	1.11102+	1	5.58993+	1	1.09954+	1	57	3	2	2021
5.59400+	1	1.08562+	1	5.59549+	1	1.08137+	1	5.59698+	1	1.07743+	1	57	3	2	2022
5.59950+	1	1.07221+	1	5.60105+	1	1.07471+	1	5.60419+	1	1.08341+	1	57	3	2	2023
5.60700+	1	1.09529+	1	5.60981+	1	1.11239+	1	5.61295+	1	1.13934+	1	57	3	2	2024
5.61702+	1	1.18966+	1	5.61770+	1	1.20443+	1	5.62836+	1	1.43094+	1	57	3	2	2025
5.62860+	1	1.43842+	1	5.63580+	1	1.62261+	1	5.63974+	1	1.76649+	1	57	3	2	2026
5.64310+	1	1.88545+	1	5.64383+	1	1.92378+	1	5.64698+	1	2.07515+	1	57	3	2	2027
5.64980+	1	2.19608+	1	5.65262+	1	2.30011+	1	5.65577+	1	2.39374+	1	57	3	2	2028
5.65986+	1	2.47787+	1	5.66490+	1	2.48697+	1	5.67219+	1	2.43395+	1	57	3	2	2029
5.67940+	1	2.27799+	1	5.68136+	1	2.22138+	1	5.69020+	1	1.96692+	1	57	3	2	2030
5.69327+	1	1.87666+	1	5.70994+	1	1.53787+	1	5.71200+	1	1.50892+	1	57	3	2	2031
5.71453+	1	1.47385+	1	5.71917+	1	1.41771+	1	5.72650+	1	1.34850+	1	57	3	2	2032
5.73603+	1	1.25810+	1	5.74808+	1	1.17667+	1	5.75735+	1	1.13539+	1	57	3	2	2033
5.76280+	1	1.13136+	1	5.76982+	1	1.13716+	1	5.77396+	1	1.15525+	1	57	3	2	2034
5.77715+	1	1.17444+	1	5.78000+	1	1.19537+	1	5.78100+	1	1.20372+	1	57	3	2	2035

5.78285	1	1.20465	1	5.78604	1	1.20977	1	5.79018	1	1.22018	1	57	3	2	2036
5.79299	1	1.22851	1	5.79580	1	1.23686	1	5.79910	1	1.24503	1	57	3	2	2037
5.79995	1	1.26181	1	5.80314	1	1.32154	1	5.80600	1	1.37136	1	57	3	2	2038
5.80886	1	1.41687	1	5.81205	1	1.46187	1	5.81620	1	1.51068	1	57	3	2	2039
5.81720	1	1.51777	1	5.82870	1	1.48911	1	5.83170	1	1.47305	1	57	3	2	2040
5.83662	1	1.42861	1	5.83900	1	1.40950	1	5.84458	1	1.35323	1	57	3	2	2041
5.84990	1	1.31950	1	5.85710	1	1.24803	1	5.85715	1	1.24800	1	57	3	2	2042
5.86132	1	1.25704	1	5.86453	1	1.26624	1	5.86740	1	1.27559	1	57	3	2	2043
5.86800	1	1.27754	1	5.87027	1	1.31452	1	5.87348	1	1.36580	1	57	3	2	2044
5.87765	1	1.42972	1	5.88250	1	1.49283	1	5.89022	1	1.48749	1	57	3	2	2045
5.89956	1	1.45334	1	5.90070	1	1.44764	1	5.91160	1	1.38566	1	57	3	2	2046
5.91170	1	1.38514	1	5.92145	1	1.33355	1	5.93129	1	1.28680	1	57	3	2	2047
5.94354	1	1.23693	1	5.94420	1	1.23468	1	5.95297	1	1.20996	1	57	3	2	2048
5.96240	1	1.18951	1	5.96565	1	1.18416	1	5.96986	1	1.17947	1	57	3	2	2049
5.97310	1	1.17664	1	5.97600	1	1.17473	1	5.97890	1	1.17281	1	57	3	2	2050
5.98050	1	1.17253	1	5.98214	1	1.17156	1	5.98635	1	1.17056	1	57	3	2	2051
5.99736	1	1.17730	1	6.00841	1	1.19840	1	6.01264	1	1.20914	1	57	3	2	2052
6.01589	1	1.21773	1	6.01880	1	1.22531	1	6.02171	1	1.23246	1	57	3	2	2053
6.02496	1	1.23950	1	6.02919	1	1.24680	1	6.03490	1	1.24900	1	57	3	2	2054
6.04191	1	1.25170	1	6.05116	1	1.24088	1	6.06047	1	1.22580	1	57	3	2	2055
6.07326	1	1.21236	1	6.07751	1	1.21206	1	6.08077	1	1.21311	1	57	3	2	2056
6.08370	1	1.21487	1	6.08663	1	1.21726	1	6.08930	1	1.21992	1	57	3	2	2057
6.08989	1	1.22051	1	6.09414	1	1.22528	1	6.09833	1	1.23018	1	57	3	2	2058
6.10253	1	1.23486	1	6.10679	1	1.23887	1	6.11007	1	1.24151	1	57	3	2	2059
6.11300	1	1.24332	1	6.11593	1	1.24455	1	6.11921	1	1.24518	1	57	3	2	2060
6.12347	1	1.24478	1	6.12560	1	1.24380	1	6.12892	1	1.24227	1	57	3	2	2061
6.13854	1	1.23317	1	6.14605	1	1.22336	1	6.15183	1	1.21522	1	57	3	2	2062
6.15700	1	1.20801	1	6.16190	1	1.20152	1	6.16217	1	1.20116	1	57	3	2	2063
6.16795	1	1.19411	1	6.17350	1	1.18785	1	6.17905	1	1.18223	1	57	3	2	2064
6.18483	1	1.17677	1	6.19000	1	1.17212	1	6.19517	1	1.16763	1	57	3	2	2065
6.20095	1	1.16278	1	6.20846	1	1.15671	1	6.21676	1	1.15018	1	57	3	2	2066
6.21810	1	1.14928	1	6.22398	1	1.13932	1	6.22900	1	1.13109	1	57	3	2	2067
6.23050	1	1.13085	1	6.23551	1	1.12998	1	6.24000	1	1.12937	1	57	3	2	2068
6.24449	1	1.12866	1	6.24950	1	1.12761	1	6.25440	1	1.12617	1	57	3	2	2069
6.25602	1	1.12631	1	6.27260	1	1.12422	1	6.27565	1	1.12055	1	57	3	2	2070
6.27727	1	1.11840	1	6.27835	1	1.11696	1	6.29137	1	1.09984	1	57	3	2	2071
6.29570	1	1.09453	1	6.29902	1	1.09055	1	6.30200	1	1.08712	1	57	3	2	2072
6.30498	1	1.08382	1	6.30830	1	1.08031	1	6.31263	1	1.07603	1	57	3	2	2073
6.31698	1	1.07208	1	6.32135	1	1.06851	1	6.32568	1	1.06538	1	57	3	2	2074
6.32901	1	1.06329	1	6.33200	1	1.06165	1	6.33409	1	1.06024	1	57	3	2	2075
6.33832	1	1.05870	1	6.34265	1	1.05731	1	6.34421	1	1.05691	1	57	3	2	2076
6.34738	1	1.05624	1	6.35617	1	1.05495	1	6.36294	1	1.05418	1	57	3	2	2077
6.36900	1	1.05328	1	6.37410	1	1.05248	1	6.37506	1	1.05230	1	57	3	2	2078
6.38183	1	1.05212	1	6.39062	1	1.05793	1	6.39230	1	1.06441	1	57	3	2	2079
6.40320	1	1.11075	1	6.40976	1	1.13422	1	6.41410	1	1.16603	1	57	3	2	2080
6.41926	1	1.19045	1	6.42363	1	1.21332	1	6.42490	1	1.21939	1	57	3	2	2081
6.42699	1	1.23587	1	6.43000	1	1.25729	1	6.43220	1	1.27069	1	57	3	2	2082
6.43301	1	1.27889	1	6.43637	1	1.30842	1	6.44074	1	1.33876	1	57	3	2	2083
6.44310	1	1.34538	1	6.45389	1	1.35703	1	6.45400	1	1.35674	1	57	3	2	2084
6.46367	1	1.31917	1	6.46490	1	1.31376	1	6.47210	1	1.27925	1	57	3	2	2085
6.47637	1	1.25810	1	6.49020	1	1.21044	1	6.49416	1	1.19625	1	57	3	2	2086
6.50457	1	1.17253	1	6.51510	1	1.15350	1	6.52650	1	1.13585	1	57	3	2	2087
6.53309	1	1.12475	1	6.54470	1	1.10963	1	6.54594	1	1.10747	1	57	3	2	2088
6.55584	1	1.09690	1	6.56280	1	1.09630	1	6.56914	1	1.09176	1	57	3	2	2089
6.57356	1	1.09128	1	6.57696	1	1.09133	1	6.57730	1	1.09134	1	57	3	2	2090
6.58000	1	1.09605	1	6.58304	1	1.10119	1	6.58644	1	1.10649	1	57	3	2	2091
6.58820	1	1.10883	1	6.59086	1	1.11309	1	6.59910	1	1.12131	1	57	3	2	2092
6.60416	1	1.12310	1	6.61000	1	1.12219	1	6.61003	1	1.12217	1	57	3	2	2093
6.61593	1	1.11980	1	6.61720	1	1.12005	1	6.62929	1	1.10767	1	57	3	2	2094
6.63373	1	1.10600	1	6.63540	1	1.10568	1	6.63714	1	1.10870	1	57	3	2	2095
6.64020	1	1.11423	1	6.64326	1	1.11972	1	6.64630	1	1.12490	1	57	3	2	2096
6.64667	1	1.12530	1	6.65111	1	1.12912	1	6.65710	1	1.12966	1	57	3	2	2097
6.66447	1	1.13857	1	6.67442	1	1.14041	1	6.68232	1	1.13842	1	57	3	2	2098
6.68250	1	1.13836	1	6.69027	1	1.12750	1	6.70027	1	1.11512	1	57	3	2	2099
6.71372	1	1.10355	1	6.71819	1	1.10089	1	6.72162	1	1.09913	1	57	3	2	2100
6.72470	1	1.09758	1	6.72778	1	1.09621	1	6.73121	1	1.09471	1	57	3	2	2101
6.73568	1	1.09261	1	6.74913	1	1.08510	1	6.75913	1	1.07771	1	57	3	2	2102
6.76240	1	1.07490	1	6.77212	1	1.06618	1	6.78050	1	1.05818	1	57	3	2	2103
6.78409	1	1.05516	1	6.79616	1	1.04472	1	6.80926	1	1.03343	1	57	3	2	2104
6.81680	1	1.02732	1	6.81976	1	1.02550	1	6.83292	1	1.01802	1	57	3	2	2105

6.83743	1	1.01528	1	6.84090	1	1.01379	1	6.84400	1	1.01263	1	57	3	2	2106
6.84710	1	1.01147	1	6.84850	1	1.01093	1	6.84989	1	1.01038	1	57	3	2	2107
6.85300	1	1.00906	1	6.85611	1	1.00755	1	6.85957	1	1.00561	1	57	3	2	2108
6.86408	1	1.00260	1	6.87766	1	9.90002	0	6.88776	1	9.77922	0	57	3	2	2109
6.89104	1	9.74719	0	6.89435	1	9.71957	0	6.90450	1	9.67965	0	57	3	2	2110
6.91816	1	9.76259	0	6.92269	1	9.81847	0	6.92618	1	9.86544	0	57	3	2	2111
6.92930	1	9.90748	0	6.93242	1	9.94454	0	6.93591	1	9.98218	0	57	3	2	2112
6.94000	1	1.00130	1	6.94044	1	1.00105	1	6.94510	1	9.77776	0	57	3	2	2113
6.96190	1	9.52364	0	6.96425	1	9.47354	0	6.97744	1	9.04729	0	57	3	2	2114
6.98000	1	8.95525	0	6.98463	1	8.80531	0	6.99187	1	8.60114	0	57	3	2	2115
7.00000	1	8.52028	0	7.00517	1	8.59486	0	7.01541	1	9.13725	0	57	3	2	2116
7.01810	1	9.41286	0	7.02917	1	1.11468	1	7.03374	1	1.20037	1	57	3	2	2117
7.03630	1	1.25043	1	7.03725	1	1.24628	1	7.04040	1	1.23358	1	57	3	2	2118
7.04355	1	1.22108	1	7.04706	1	1.20646	1	7.05163	1	1.18504	1	57	3	2	2119
7.05440	1	1.16907	1	7.05768	1	1.18106	1	7.06374	1	1.19365	1	57	3	2	2120
7.06832	1	1.19594	1	7.07184	1	1.19333	1	7.07260	1	1.19198	1	57	3	2	2121
7.07500	1	1.21814	1	7.07816	1	1.24936	1	7.08168	1	1.28042	1	57	3	2	2122
7.08626	1	1.31482	1	7.09070	1	1.33595	1	7.10005	1	1.35189	1	57	3	2	2123
7.10A80	1	1.34273	1	7.11032	1	1.33694	1	7.11787	1	1.30073	1	57	3	2	2124
7.12547	1	1.26362	1	7.12700	1	1.25687	1	7.13579	1	1.20317	1	57	3	2	2125
7.14967	1	1.13473	1	7.15428	1	1.11530	1	7.15600	1	1.10849	1	57	3	2	2126
7.15782	1	1.10460	1	7.16100	1	1.09818	1	7.16418	1	1.09196	1	57	3	2	2127
7.16772	1	1.08468	1	7.17233	1	1.07586	1	7.18140	1	1.05902	1	57	3	2	2128
7.18621	1	1.04634	1	7.19230	1	1.03649	1	7.19653	1	1.02686	1	57	3	2	2129
7.19950	1	1.02442	1	7.19989	1	1.02389	1	7.20327	1	1.02280	1	57	3	2	2130
7.20680	1	1.03089	1	7.21040	1	1.03843	1	7.21366	1	1.04227	1	57	3	2	2131
7.21770	1	1.06581	1	7.22741	1	1.12738	1	7.23220	1	1.16540	1	57	3	2	2132
7.23224	1	1.16606	1	7.23581	1	1.22046	1	7.23900	1	1.26764	1	57	3	2	2133
7.24219	1	1.31220	1	7.24576	1	1.35765	1	7.25030	1	1.40737	1	57	3	2	2134
7.25039	1	1.40782	1	7.26375	1	1.41584	1	7.26850	1	1.39454	1	57	3	2	2135
7.27210	1	1.36716	1	7.27846	1	1.32174	1	7.28300	1	1.28322	1	57	3	2	2136
7.28356	1	1.27970	1	7.28748	1	1.25512	1	7.29020	1	1.23863	1	57	3	2	2137
7.29100	1	1.23555	1	7.29452	1	1.22294	1	7.29750	1	1.21320	1	57	3	2	2138
7.29844	1	1.21102	1	7.30354	1	1.20121	1	7.30840	1	1.19509	1	57	3	2	2139
7.31891	1	1.17647	1	7.32650	1	1.16677	1	7.33035	1	1.15808	1	57	3	2	2140
7.34519	1	1.12648	1	7.36280	1	1.08821	1	7.36597	1	1.08030	1	57	3	2	2141
7.37604	1	1.05364	1	7.38100	1	1.03986	1	7.38532	1	1.02710	1	57	3	2	2142
7.39910	1	9.93519	0	7.40447	1	9.80343	0	7.41815	1	9.90265	0	57	3	2	2143
7.42868	1	1.05020	1	7.44260	1	1.19992	1	7.44284	1	1.20331	1	57	3	2	2144
7.44754	1	1.27688	1	7.45116	1	1.33138	1	7.45440	1	1.37680	1	57	3	2	2145
7.45710	1	1.41081	1	7.45764	1	1.41495	1	7.46126	1	1.43558	1	57	3	2	2146
7.46596	1	1.45039	1	7.47890	1	1.41481	1	7.48012	1	1.41126	1	57	3	2	2147
7.48250	1	1.39345	1	7.48563	1	1.37096	1	7.48620	1	1.36628	1	57	3	2	2148
7.48980	1	1.33638	1	7.49117	1	1.32559	1	7.49340	1	1.30918	1	57	3	2	2149
7.49710	1	1.28241	1	7.50430	1	1.23768	1	7.50539	1	1.23241	1	57	3	2	2150
7.50790	1	1.22507	1	7.51011	1	1.22028	1	7.51375	1	1.21639	1	57	3	2	2151
7.51700	1	1.21585	1	7.51880	1	1.21705	1	7.52025	1	1.20833	1	57	3	2	2152
7.52389	1	1.18955	1	7.52861	1	1.16940	1	7.53553	1	1.14711	1	57	3	2	2153
7.54246	1	1.13088	1	7.54420	1	1.12752	1	7.54720	1	1.13527	1	57	3	2	2154
7.55084	1	1.14494	1	7.55410	1	1.15335	1	7.55736	1	1.16080	1	57	3	2	2155
7.55870	1	1.16365	1	7.56100	1	1.17671	1	7.56574	1	1.19924	1	57	3	2	2156
7.57999	1	1.25312	1	7.58050	1	1.25417	1	7.59060	1	1.25835	1	57	3	2	2157
7.60230	1	1.25210	1	7.60436	1	1.24864	1	7.61431	1	1.22965	1	57	3	2	2158
7.61680	1	1.22532	1	7.62433	1	1.20524	1	7.63821	1	1.17268	1	57	3	2	2159
7.64890	1	1.15118	1	7.66327	1	1.12654	1	7.66804	1	1.11906	1	57	3	2	2160
7.67171	1	1.11334	1	7.67480	1	1.10849	1	7.67500	1	1.10835	1	57	3	2	2161
7.67829	1	1.10586	1	7.68196	1	1.10301	1	7.68673	1	1.09898	1	57	3	2	2162
7.69660	1	1.08986	1	7.70110	1	1.08295	1	7.71110	1	1.07055	1	57	3	2	2163
7.71179	1	1.06942	1	7.71201	1	1.06914	1	7.71224	1	1.06886	1	57	3	2	2164
7.72298	1	1.06194	1	7.73741	1	1.07577	1	7.74221	1	1.08490	1	57	3	2	2165
7.74590	1	1.09248	1	7.74920	1	1.09922	1	7.75250	1	1.10552	1	57	3	2	2166
7.75619	1	1.11165	1	7.75620	1	1.11166	1	7.76099	1	1.12384	1	57	3	2	2167
7.76190	1	1.12534	1	7.77542	1	1.13337	1	7.78039	1	1.13413	1	57	3	2	2168
7.78537	1	1.13576	1	7.79987	1	1.15395	1	7.80468	1	1.16487	1	57	3	2	2169
7.80838	1	1.17235	1	7.81170	1	1.18101	1	7.81502	1	1.18946	1	57	3	2	2170
7.81872	1	1.19813	1	7.82353	1	1.20732	1	7.83000	1	1.21043	1	57	3	2	2171
7.83630	1	1.22731	1	7.83803	1	1.22964	1	7.84881	1	1.22413	1	57	3	2	2172
7.85440	1	1.21590	1	7.86281	1	1.19839	1	7.87260	1	1.17713	1	57	3	2	2173
7.88241	1	1.15549	1	7.88907	1	1.14243	1	7.89070	1	1.13938	1	57	3	2	2174
7.89578	1	1.12901	1	7.90880	1	1.10438	1	7.91558	1	1.09123	1	57	3	2	2175
7.92700	1	1.07471	1	7.92972	1	1.06994	1	7.94061	1	1.06042	1	57	3	2	2176

7.94510+	1	1.06149+	1	7.95525+	1	1.06959+	1	7.96011+	1	1.07793+	1	57	3	2	2177
7.96385+	1	1.08486+	1	7.96720+	1	1.09110+	1	7.97055+	1	1.09705+	1	57	3	2	2178
7.97429+	1	1.10302+	1	7.97915+	1	1.10925+	1	7.98140+	1	1.11022+	1	57	3	2	2179
7.99379+	1	1.11329+	1	7.99950+	1	1.11086+	1	8.00138+	1	1.10858+	1	57	3	2	2180
8.00680+	1	1.10218+	1	8.00900+	1	1.09780+	1	8.02370+	1	1.07858+	1	57	3	2	2181
8.02490+	1	1.07761+	1	8.02858+	1	1.08262+	1	8.03234+	1	1.08935+	1	57	3	2	2182
8.03570+	1	1.09566+	1	8.03906+	1	1.10195+	1	8.04282+	1	1.10841+	1	57	3	2	2183
8.04670+	1	1.11429+	1	8.04770+	1	1.11612+	1	8.06240+	1	1.12995+	1	57	3	2	2184
8.07334+	1	1.12627+	1	8.07570+	1	1.12320+	1	8.08660+	1	1.09963+	1	57	3	2	2185
8.08754+	1	1.09751+	1	8.08977+	1	1.09364+	1	8.09121+	1	1.08982+	1	57	3	2	2186
8.09750+	1	1.07962+	1	8.10551+	1	1.06496+	1	8.10840+	1	1.06355+	1	57	3	2	2187
8.11652+	1	1.05084+	1	8.13132+	1	1.05493+	1	8.13380+	1	1.05831+	1	57	3	2	2188
8.13623+	1	1.06576+	1	8.14001+	1	1.07832+	1	8.14340+	1	1.08970+	1	57	3	2	2189
8.14679+	1	1.10075+	1	8.15057+	1	1.11222+	1	8.15190+	1	1.11569+	1	57	3	2	2190
8.15548+	1	1.12958+	1	8.16280+	1	1.14814+	1	8.17028+	1	1.15916+	1	57	3	2	2191
8.18100+	1	1.15696+	1	8.18129+	1	1.15672+	1	8.19559+	1	1.13299+	1	57	3	2	2192
8.20000+	1	1.12500+	1	8.20001+	1	1.27100+	1	8.20008+	1	1.14165+	1	57	3	2	2193
1.15690+	2	1.16070+	1	1.48550+	2	1.19349+	1	1.90740+	2	1.18047+	1	57	3	2	2194
2.45000+	2	1.21069+	1	3.00000+	2	1.14382+	1	3.50000+	2	1.13836+	1	57	3	2	2195
4.00000+	2	1.13373+	1	4.50000+	2	1.14912+	1	5.00000+	2	1.16410+	1	57	3	2	2196
5.60000+	2	1.18331+	1	6.20000+	2	1.15243+	1	7.50000+	2	1.18304+	1	57	3	2	2197
8.00000+	2	1.18706+	1	8.30000+	2	1.15200+	1	9.00000+	2	1.14391+	1	57	3	2	2198
1.00000+	3	1.15077+	1	1.10000+	3	1.17896+	1	1.50000+	3	1.15175+	1	57	3	2	2199
1.80000+	3	1.14173+	1	2.00000+	3	1.13043+	1	2.50000+	3	1.12009+	1	57	3	2	2200
3.00000+	3	1.11764+	1	3.50000+	3	1.12000+	1	3.80000+	3	1.12089+	1	57	3	2	2201
4.50000+	3	1.11514+	1	5.00000+	3	1.10987+	1	5.50000+	3	1.10827+	1	57	3	2	2202
6.00000+	3	1.10522+	1	6.50000+	3	1.09798+	1	7.00000+	3	1.09495+	1	57	3	2	2203
7.50000+	3	1.09507+	1	8.00000+	3	1.09210+	1	8.50000+	3	1.08638+	1	57	3	2	2204
9.00000+	3	1.08611+	1	9.50000+	3	1.09950+	1	1.00000+	4	1.09212+	1	57	3	2	2205
1.25000+	4	1.08408+	1	1.30000+	4	1.08460+	1	1.32000+	4	1.08481+	1	57	3	2	2206
1.42000+	4	1.08584+	1	1.48000+	4	1.08645+	1	1.50000+	4	1.08666+	1	57	3	2	2207
1.61000+	4	1.07342+	1	1.63000+	4	1.07102+	1	1.65000+	4	1.06861+	1	57	3	2	2208
1.85000+	4	1.07481+	1	2.05000+	4	1.05692+	1	2.20000+	4	1.06892+	1	57	3	2	2209
2.25000+	4	1.06561+	1	2.33000+	4	1.06031+	1	2.35000+	4	1.05899+	1	57	3	2	2210
2.37000+	4	1.05858+	1	2.43000+	4	1.05735+	1	2.46000+	4	1.05673+	1	57	3	2	2211
2.50000+	4	1.05591+	1	2.50000+	4	1.09650+	1	2.53000+	4	1.09620+	1	57	3	2	2212
2.57000+	4	1.10610+	1	2.62000+	4	1.08360+	1	2.65000+	4	1.09710+	1	57	3	2	2213
2.72000+	4	1.08860+	1	2.75000+	4	1.07610+	1	2.83000+	4	1.07110+	1	57	3	2	2214
2.88000+	4	1.04560+	1	2.93000+	4	1.09320+	1	2.98000+	4	1.07580+	1	57	3	2	2215
3.00000+	4	1.07380+	1	3.11000+	4	1.06200+	1	3.13000+	4	1.04300+	1	57	3	2	2216
3.18000+	4	1.06540+	1	3.21000+	4	1.06290+	1	3.25000+	4	1.07380+	1	57	3	2	2217
3.28000+	4	1.06450+	1	3.42000+	4	1.05930+	1	3.45000+	4	1.06300+	1	57	3	2	2218
3.50000+	4	1.05280+	1	3.62000+	4	1.05190+	1	3.65000+	4	1.05770+	1	57	3	2	2219
3.70000+	4	1.04980+	1	3.79000+	4	1.05930+	1	3.87000+	4	1.03920+	1	57	3	2	2220
3.91000+	4	1.04160+	1	3.94000+	4	1.04650+	1	3.96000+	4	1.03220+	1	57	3	2	2221
4.04000+	4	1.02260+	1	4.10000+	4	1.03620+	1	4.15000+	4	1.05020+	1	57	3	2	2222
4.20000+	4	1.03920+	1	4.30000+	4	1.03940+	1	4.36000+	4	1.04610+	1	57	3	2	2223
4.38000+	4	1.03940+	1	4.43000+	4	1.03850+	1	4.48000+	4	1.04370+	1	57	3	2	2224
4.50000+	4	1.04640+	1	4.52000+	4	1.04920+	1	4.54000+	4	1.03950+	1	57	3	2	2225
4.60000+	4	1.03640+	1	4.62000+	4	1.02970+	1	4.65000+	4	1.02660+	1	57	3	2	2226
4.68000+	4	1.04160+	1	4.73000+	4	1.02680+	1	4.76000+	4	1.03180+	1	57	3	2	2227
4.82000+	4	1.02740+	1	4.84000+	4	1.02060+	1	4.88000+	4	1.01800+	1	57	3	2	2228
4.90000+	4	1.02020+	1	5.00000+	4	1.01810+	1	5.02000+	4	1.01760+	1	57	3	2	2229
5.06000+	4	1.02310+	1	5.09000+	4	1.01100+	1	5.12000+	4	1.01190+	1	57	3	2	2230
5.15000+	4	1.01680+	1	5.22000+	4	1.00220+	1	5.25000+	4	1.01110+	1	57	3	2	2231
5.35000+	4	1.00370+	1	5.39000+	4	1.00630+	1	5.42000+	4	1.01230+	1	57	3	2	2232
5.46000+	4	1.01090+	1	5.50000+	4	1.00090+	1	5.53000+	4	1.00460+	1	57	3	2	2233
5.57000+	4	1.00430+	1	5.61000+	4	1.00610+	1	5.67000+	4	9.97140+	0	57	3	2	2234
5.71000+	4	9.95880+	0	5.76000+	4	9.90340+	0	5.79000+	4	9.97520+	0	57	3	2	2235
5.83000+	4	9.98420+	0	5.87000+	4	1.00330+	1	5.91000+	4	9.92250+	0	57	3	2	2236
5.92000+	4	9.80980+	0	5.98000+	4	9.82370+	0	6.00000+	4	9.86250+	0	57	3	2	2237
6.03000+	4	9.92090+	0	6.12000+	4	9.86850+	0	6.15000+	4	9.92110+	0	57	3	2	2238
6.20000+	4	9.85880+	0	6.25000+	4	9.85660+	0	6.29000+	4	9.93500+	0	57	3	2	2239
6.32000+	4	9.99620+	0	6.42000+	4	9.97740+	0	6.47000+	4	9.86310+	0	57	3	2	2240
6.50000+	4	9.83210+	0	6.51000+	4	9.82170+	0	6.61000+	4	9.79280+	0	57	3	2	2241
6.65000+	4	9.83140+	0	6.70000+	4	9.77720+	0	6.74000+	4	9.80590+	0	57	3	2	2242
6.80000+	4	9.80040+	0	6.83000+	4	9.74290+	0	6.89000+	4	9.76800+	0	57	3	2	2243
6.94000+	4	9.68560+	0	7.00000+	4	9.69750+	0	7.03000+	4	9.70330+	0	57	3	2	2244
7.09000+	4	9.66830+	0	7.20000+	4	9.69110+	0	7.25000+	4	9.72880+	0	57	3	2	2245
7.31000+	4	9.70430+	0	7.37000+	4	9.73990+	0	7.41000+	4	9.70040+	0	57	3	2	2246
7.48000+	4	9.60380+	0	7.50000+	4	9.60700+	0	7.53000+	4	9.61200+	0	57	3	2	2247

7.58000+	4	9.57030+	0	7.65000+	4	9.54410+	n	7.70000+	4	9.63260+	0	57	3	2	2248
7.76000+	4	9.74850+	0	7.84000+	4	9.73720+	n	7.89000+	4	9.65400+	0	57	3	2	2249
7.94000+	4	9.58090+	0	8.00000+	4	9.54520+	n	8.01000+	4	9.53010+	0	57	3	2	2250
8.20000+	4	9.52240+	0	8.27000+	4	9.52360+	n	8.33000+	4	9.53420+	0	57	3	2	2251
8.40000+	4	9.44830+	0	8.47000+	4	9.48770+	n	8.50000+	4	9.49360+	0	57	3	2	2252
8.53000+	4	9.49950+	0	8.61000+	4	9.56220+	n	8.68000+	4	9.57210+	0	57	3	2	2253
8.75000+	4	9.54210+	0	8.83000+	4	9.39290+	n	8.90000+	4	9.42620+	0	57	3	2	2254
9.00000+	4	9.41780+	0	9.03000+	4	9.41710+	n	9.12000+	4	9.45140+	0	57	3	2	2255
9.28000+	4	9.42270+	0	9.36000+	4	9.36660+	n	9.44000+	4	9.49060+	0	57	3	2	2256
9.50000+	4	9.32100+	0	9.52000+	4	9.26470+	n	9.60000+	4	9.27400+	0	57	3	2	2257
9.68000+	4	9.33330+	0	9.77000+	4	9.34690+	n	9.85000+	4	9.30150+	0	57	3	2	2258
9.93000+	4	9.21600+	0	9.99000+	4	9.22820+	n	1.00000+	5	9.32190+	0	57	3	2	2259
1.03000+	5	9.25910+	0	1.20000+	5	8.99720+	n	1.35000+	5	8.79290+	0	57	3	2	2260
1.40000+	5	8.72760+	n	1.50000+	5	8.59200+	0	1.60000+	5	8.45890+	0	57	3	2	2261
1.73000+	5	8.30180+	n	1.80000+	5	8.22150+	0	2.00000+	5	7.98800+	0	57	3	2	2262
2.07000+	5	7.89850+	0	2.15000+	5	7.79930+	n	2.20000+	5	7.73970+	0	57	3	2	2263
2.25000+	5	7.68130+	0	2.35000+	5	7.56300+	n	2.40000+	5	7.49480+	0	57	3	2	2264
2.50000+	5	7.36030+	0	2.60000+	5	7.23430+	n	2.70000+	5	7.11120+	0	57	3	2	2265
2.80000+	5	6.99530+	0	3.00000+	5	6.78180+	n	3.20000+	5	6.60400+	0	57	3	2	2266
3.25000+	5	6.56100+	0	3.40000+	5	6.41470+	n	3.50000+	5	6.32620+	0	57	3	2	2267
3.60000+	5	6.23810+	0	3.80000+	5	6.07960+	n	4.00000+	5	5.92830+	0	57	3	2	2268
4.20000+	5	5.77700+	0	4.40000+	5	5.63090+	n	4.50000+	5	5.56130+	0	57	3	2	2269
4.60000+	5	5.50230+	0	4.70000+	5	5.44600+	n	4.80000+	5	5.39060+	0	57	3	2	2270
5.00000+	5	5.28240+	n	5.20000+	5	5.18850+	n	5.40000+	5	5.09810+	0	57	3	2	2271
5.50000+	5	5.05390+	0	5.60000+	5	5.00670+	n	5.70000+	5	4.96040+	0	57	3	2	2272
5.80000+	5	4.91480+	0	6.00000+	5	4.82550+	0	6.20000+	5	4.74780+	0	57	3	2	2273
6.40000+	5	4.67110+	n	6.50000+	5	4.63320+	n	6.60000+	5	4.60540+	0	57	3	2	2274
6.70000+	5	4.57780+	0	6.80000+	5	4.55100+	0	7.00000+	5	4.49810+	0	57	3	2	2275
7.20000+	5	4.46160+	0	7.30000+	5	4.44360+	n	7.40000+	5	4.42460+	0	57	3	2	2276
7.50000+	5	4.40580+	0	7.60000+	5	4.38430+	n	7.70000+	5	4.36300+	0	57	3	2	2277
7.75000+	5	4.35280+	0	7.80000+	5	4.34250+	n	8.00000+	5	4.30220+	0	57	3	2	2278
8.20000+	5	4.26320+	n	8.40000+	5	4.22540+	0	8.50000+	5	4.21160+	0	57	3	2	2279
8.60000+	5	4.18740+	0	8.80000+	5	4.14900+	0	9.00000+	5	4.11140+	0	57	3	2	2280
9.20000+	5	4.08260+	0	9.40000+	5	4.05450+	n	9.50000+	5	4.04070+	0	57	3	2	2281
9.60000+	5	4.02070+	0	9.70000+	5	4.00090+	n	9.80000+	5	3.98490+	0	57	3	2	2282
1.00000+	6	3.95320+	0	1.05000+	6	3.94450+	n	1.10000+	6	3.93510+	0	57	3	2	2283
1.15000+	6	3.92490+	0	1.20000+	6	3.91410+	n	1.25000+	6	3.90450+	0	57	3	2	2284
1.29500+	6	3.89540+	n	1.30000+	6	3.89440+	n	1.35000+	6	3.88350+	0	57	3	2	2285
1.40000+	6	3.87230+	0	1.45000+	6	3.85710+	n	1.49500+	6	3.84330+	0	57	3	2	2286
1.50000+	6	3.84180+	n	1.60000+	6	3.86000+	n	1.70000+	6	3.87120+	0	57	3	2	2287
1.80000+	6	3.88420+	0	1.90000+	6	3.90040+	n	2.00000+	6	3.91770+	0	57	3	2	2288
2.10000+	6	3.99370+	0	2.20000+	6	4.06800+	n	2.30000+	6	4.14680+	0	57	3	2	2289
2.40000+	6	4.22470+	n	2.50000+	6	4.39680+	n	2.60000+	6	4.44610+	0	57	3	2	2290
2.70000+	6	4.51440+	0	2.80000+	6	4.59850+	n	2.90000+	6	4.69070+	0	57	3	2	2291
3.00000+	6	4.77660+	0	3.10000+	6	4.85490+	n	3.20000+	6	4.90300+	0	57	3	2	2292
3.30000+	6	4.93250+	0	3.40000+	6	4.94740+	n	3.50000+	6	4.95190+	0	57	3	2	2293
3.60000+	6	4.95020+	0	3.70000+	6	4.94660+	n	3.80000+	6	4.94660+	0	57	3	2	2294
3.90000+	6	4.94750+	0	4.00000+	6	4.94750+	n	4.10000+	6	4.94460+	0	57	3	2	2295
4.20000+	6	4.93890+	n	4.30000+	6	4.92940+	n	4.40000+	6	4.91490+	0	57	3	2	2296
4.50000+	6	4.89410+	0	4.60000+	6	4.86880+	0	4.70000+	6	4.83670+	0	57	3	2	2297
4.80000+	6	4.80110+	0	4.90000+	6	4.76310+	n	5.00000+	6	4.72220+	0	57	3	2	2298
5.10000+	6	4.69410+	0	5.20000+	6	4.66400+	n	5.25000+	6	4.64670+	0	57	3	2	2299
5.30000+	6	4.61900+	0	5.40000+	6	4.56270+	n	5.50000+	6	4.50470+	0	57	3	2	2300
5.60000+	6	4.46160+	n	5.70000+	6	4.41560+	n	5.80000+	6	4.36620+	0	57	3	2	2301
5.90000+	6	4.31790+	0	6.00000+	6	4.26640+	n	6.10000+	6	4.23890+	0	57	3	2	2302
6.20000+	6	4.20230+	0	6.30000+	6	4.15430+	0	6.40000+	6	4.09690+	0	57	3	2	2303
6.50000+	6	4.03500+	0	6.60000+	6	3.96990+	0	6.70000+	6	3.91010+	0	57	3	2	2304
6.80000+	6	3.85390+	n	6.90000+	6	3.80240+	n	7.00000+	6	3.76350+	0	57	3	2	2305
7.10000+	6	3.71360+	0	7.20000+	6	3.65740+	n	7.30000+	6	3.62150+	0	57	3	2	2306
7.40000+	6	3.57980+	n	7.50000+	6	3.53940+	n	7.60000+	6	3.50280+	0	57	3	2	2307
7.65000+	6	3.48260+	n	7.70000+	6	3.45670+	n	7.80000+	6	3.41950+	0	57	3	2	2308
7.90000+	6	3.38190+	0	8.00000+	6	3.35660+	n	8.20000+	6	3.29330+	0	57	3	2	2309
8.40000+	6	3.24710+	n	8.50000+	6	3.22920+	n	8.60000+	6	3.20550+	0	57	3	2	2310
8.80000+	6	3.16820+	n	9.00000+	6	3.14200+	n	9.20000+	6	3.12050+	0	57	3	2	2311
9.40000+	6	3.10740+	0	9.50000+	6	3.10220+	n	9.60000+	6	3.08530+	0	57	3	2	2312
9.80000+	6	3.05630+	0	1.00000+	7	3.02680+	n	1.05000+	7	2.97350+	0	57	3	2	2313
1.10000+	7	2.92220+	0	1.15000+	7	2.94650+	n	1.19000+	7	2.97330+	0	57	3	2	2314
1.20000+	7	2.98330+	n	1.25000+	7	3.01270+	n	1.30000+	7	2.98390+	0	57	3	2	2315
1.35000+	7	3.05224+	n	1.40000+	7	3.14400+	0	1.45000+	7	3.18300+	0	57	3	2	2316





8.20008	1	1.14100	1	1.15690	2	1.15999	1	1.48550	2	1.19312	1	57	3	2	2387
1.90740	2	1.18223	1	2.45000	2	1.21042	1	3.00000	2	1.14374	1	57	3	2	2388
3.50000	2	1.13831	1	4.00000	2	1.13369	1	4.50000	2	1.14907	1	57	3	2	2389
5.00000	2	1.16404	1	5.00000	2	1.18325	1	5.20000	2	1.15241	1	57	3	2	2390
7.50000	2	1.18301	1	8.00000	2	1.18703	1	5.30000	2	1.15199	1	57	3	2	2391
9.00000	2	1.14390	1	1.00000	3	1.15076	1	1.10000	3	1.17865	1	57	3	2	2392
1.50000	3	1.15175	1	1.80000	3	1.14173	1	4.00000	3	1.13043	1	57	3	2	2393
2.50000	3	1.12009	1	3.00000	3	1.11765	1	4.50000	3	1.12001	1	57	3	2	2394
3.80000	3	1.12089	1	4.50000	3	1.11514	1	5.00000	3	1.10987	1	57	3	2	2395
5.50000	3	1.10828	1	6.00000	3	1.10523	1	6.50000	3	1.09798	1	57	3	2	2396
7.00000	3	1.09495	1	7.50000	3	1.09507	1	8.00000	3	1.09211	1	57	3	2	2397
8.50000	3	1.08638	1	9.00000	3	1.08611	1	9.50000	3	1.09951	1	57	3	2	2398
1.00000	4	1.09212	1	1.25000	4	1.08408	1	1.30000	4	1.08460	1	57	3	2	2399
1.32000	4	1.08481	1	1.42000	4	1.08584	1	1.48000	4	1.08645	1	57	3	2	2400
1.50000	4	1.08666	1	1.61000	4	1.07342	1	1.63000	4	1.07102	1	57	3	2	2401
1.65000	4	1.06861	1	1.85000	4	1.07481	1	4.05000	4	1.05692	1	57	3	2	2402
2.20000	4	1.06892	1	2.25000	4	1.06561	1	4.33000	4	1.06032	1	57	3	2	2403
2.35000	4	1.05900	1	2.37000	4	1.05860	1	4.43000	4	1.05740	1	57	3	2	2404
2.46000	4	1.05680	1	2.50000	4	1.05600	1	0.00000	0	0.00000	0	57	3	2	2405
0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	57	3	0	2406
9.22350	4	2.33025	2	0.	0.	99	0.	0.	0.	0.	0.	57	3	4	2407
0.00000	0	1.29400	4	0.	0.	0.	0.	1.	333	57	3	4	2408		
	333		2									57	3	4	2409
1.30000	4	1.00000	5	1.32000	4	2.16220	4	1.42000	4	1.29730	3	57	3	4	2410
1.48000	4	1.94590	3	1.50000	4	2.16220	3	1.61000	4	3.35130	3	57	3	4	2411
1.63000	4	3.56760	3	1.65000	4	3.78380	3	1.85000	4	5.94590	3	57	3	4	2412
2.05000	4	8.10810	3	2.20000	4	9.72970	3	2.25000	4	1.02700	2	57	3	4	2413
2.33000	4	1.11350	2	2.35000	4	1.13515	2	2.37000	4	1.15680	2	57	3	4	2414
2.43000	4	1.22160	2	2.46000	4	1.25410	2	2.50000	4	1.29730	2	57	3	4	2415
2.50000	4	1.29730	2	2.53000	4	1.32970	2	2.57000	4	1.37300	2	57	3	4	2416
2.62000	4	1.42700	2	2.65000	4	1.45950	2	2.72000	4	1.53510	2	57	3	4	2417
2.75000	4	1.56760	2	2.83000	4	1.65410	2	4.88000	4	1.70810	2	57	3	4	2418
2.93000	4	1.76220	2	2.98000	4	1.81620	2	3.00000	4	1.83780	2	57	3	4	2419
3.11000	4	1.95680	2	3.13000	4	1.97840	2	3.18000	4	2.03240	2	57	3	4	2420
3.21000	4	2.06490	2	3.25000	4	2.10810	2	3.28000	4	2.14050	2	57	3	4	2421
3.42000	4	2.29190	2	3.45000	4	2.32430	2	3.50000	4	2.37840	2	57	3	4	2422
3.62000	4	2.56810	2	3.65000	4	2.54050	2	3.70000	4	2.59460	2	57	3	4	2423
3.79000	4	2.69190	2	3.87000	4	2.77840	2	3.91000	4	2.82160	2	57	3	4	2424
3.94000	4	2.85410	2	4.00000	4	2.91890	2	4.04000	4	2.96220	2	57	3	4	2425
4.10000	4	3.02700	2	4.15000	4	3.08110	2	4.20000	4	3.13510	2	57	3	4	2426
4.30000	4	3.24320	2	4.36000	4	3.30810	2	4.38000	4	3.32970	2	57	3	4	2427
4.43000	4	3.38380	2	4.48000	4	3.43780	2	4.50000	4	3.45950	2	57	3	4	2428
4.52000	4	3.48110	2	4.54000	4	3.50270	2	4.60000	4	3.56760	2	57	3	4	2429
4.62000	4	3.58920	2	4.65000	4	3.62160	2	4.68000	4	3.65410	2	57	3	4	2430
4.73000	4	3.70810	2	4.76000	4	3.74050	2	4.82000	4	3.80540	2	57	3	4	2431
4.84000	4	3.82700	2	4.88000	4	3.87030	2	4.90000	4	3.89190	2	57	3	4	2432
5.00000	4	4.00000	2	5.02000	4	4.09120	2	5.06000	4	4.27350	2	57	3	4	2433
5.09000	4	4.41030	2	5.12000	4	4.54710	2	5.15000	4	4.68380	2	57	3	4	2434
5.22000	4	5.00290	2	5.25000	4	5.13970	2	5.35000	4	5.59560	2	57	3	4	2435
5.39000	4	5.77790	2	5.42000	4	5.91470	2	5.46000	4	6.09710	2	57	3	4	2436
5.50000	4	6.27940	2	5.53000	4	6.41620	2	5.57000	4	6.59850	2	57	3	4	2437
5.61000	4	6.78090	2	5.67000	4	7.05440	2	5.71000	4	7.23680	2	57	3	4	2438
5.76000	4	7.46470	2	5.79000	4	7.60150	2	5.83000	4	7.78380	2	57	3	4	2439
5.87000	4	7.96620	2	5.91000	4	8.14850	2	5.92000	4	8.19410	2	57	3	4	2440
5.98000	4	8.46760	2	6.00000	4	8.55880	2	6.03000	4	8.69560	2	57	3	4	2441
6.12000	4	9.10590	2	6.15000	4	9.24260	2	6.20000	4	9.47060	2	57	3	4	2442
6.25000	4	9.69850	2	6.29000	4	9.88090	2	6.32000	4	1.00180	1	57	3	4	2443
6.42000	4	1.04740	1	6.47000	4	1.07010	1	6.50000	4	1.08380	1	57	3	4	2444
6.51000	4	1.08840	1	6.61000	4	1.13400	1	6.65000	4	1.15220	1	57	3	4	2445
6.70000	4	1.17500	1	6.74000	4	1.19320	1	6.80000	4	1.22060	1	57	3	4	2446
6.83000	4	1.23430	1	6.89000	4	1.26160	1	6.94000	4	1.28440	1	57	3	4	2447
7.00000	4	1.31180	1	7.03000	4	1.32540	1	7.09000	4	1.35280	1	57	3	4	2448
7.20000	4	1.40290	1	7.25000	4	1.42570	1	7.31000	4	1.45310	1	57	3	4	2449
7.37000	4	1.48040	1	7.41000	4	1.49870	1	7.48000	4	1.53060	1	57	3	4	2450
7.50000	4	1.53970	1	7.53000	4	1.55340	1	7.58000	4	1.57620	1	57	3	4	2451
7.65000	4	1.60810	1	7.70000	4	1.63090	1	7.76000	4	1.65820	1	57	3	4	2452
7.84000	4	1.69470	1	7.89000	4	1.71750	1	7.94000	4	1.74030	1	57	3	4	2453
8.00000	4	1.76760	1	8.07000	4	1.79960	1	8.20000	4	1.85880	1	57	3	4	2454
8.27000	4	1.89070	1	8.33000	4	1.91810	1	8.40000	4	1.95000	1	57	3	4	2455
8.47000	4	2.02660	1	8.50000	4	2.05940	1	8.53000	4	2.09220	1	57	3	4	2456

8.61000+	4	2.17970-	1	8.68000+	4	2.25620-	1	8.75000+	4	2.33280-	1	57	3	4	2457	
8.83000+	4	2.42030-	1	8.90000+	4	2.49690-	1	9.00000+	4	2.60620-	1	57	3	4	2458	
9.03000+	4	2.63910-	1	9.12000+	4	2.73750-	1	9.28000+	4	2.91250-	1	57	3	4	2459	
9.36000+	4	3.00000-	1	9.44000+	4	3.08750-	1	9.50000+	4	3.15310-	1	57	3	4	2460	
9.52000+	4	3.17500-	1	9.60000+	4	3.26250-	1	9.68000+	4	3.35000-	1	57	3	4	2461	
9.77000+	4	3.44840-	1	9.85000+	4	3.53590-	1	9.93000+	4	3.62340-	1	57	3	4	2462	
9.99000+	4	3.68910-	1	1.00000+	5	3.70000-	1	1.03000+	5	3.90000-	1	57	3	4	2463	
1.20000+	5	4.29790-	1	1.35000+	5	4.64890-	1	1.40000+	5	4.76600-	1	57	3	4	2464	
1.50000+	5	5.00000-	1	1.60000+	5	5.26090-	1	1.73000+	5	5.60000-	1	57	3	4	2465	
1.80000+	5	5.78150-	1	2.00000+	5	6.30000-	1	2.07000+	5	6.38800-	1	57	3	4	2466	
2.15000+	5	6.48860-	1	2.20000+	5	6.55140-	1	2.25000+	5	6.61430-	1	57	3	4	2467	
2.35000+	5	6.74000-	1	2.40000+	5	6.91000-	1	2.50000+	5	7.25000-	1	57	3	4	2468	
2.60000+	5	7.44000-	1	2.70000+	5	7.63000-	1	2.80000+	5	7.78670-	1	57	3	4	2469	
3.00000+	5	8.10000-	1	3.20000+	5	8.40000-	1	3.25000+	5	8.47500-	1	57	3	4	2470	
3.40000+	5	8.70000-	1	3.50000+	5	8.85000-	1	3.60000+	5	8.98000-	1	57	3	4	2471	
3.80000+	5	9.24000-	1	4.00000+	5	9.50000-	1	4.20000+	5	9.88000-	1	57	3	4	2472	
4.40000+	5	1.02600+	0	4.50000+	5	1.04500+	0	4.60000+	5	1.05600+	0	57	3	4	2473	
4.70000+	5	1.06700+	0	4.80000+	5	1.07800+	0	5.00000+	5	1.10000+	0	57	3	4	2474	
5.20000+	5	1.10600+	0	5.40000+	5	1.11200+	0	5.50000+	5	1.11500+	0	57	3	4	2475	
5.60000+	5	1.12000+	0	5.70000+	5	1.12500+	0	5.80000+	5	1.13000+	0	57	3	4	2476	
6.00000+	5	1.14000+	0	6.20000+	5	1.18200+	0	6.40000+	5	1.22400+	0	57	3	4	2477	
6.50000+	5	1.24500+	0	6.60000+	5	1.25620+	0	6.70000+	5	1.26740+	0	57	3	4	2478	
6.80000+	5	1.27860+	0	7.00000+	5	1.30100+	0	7.20000+	5	1.30860+	0	57	3	4	2479	
7.30000+	5	1.31240+	0	7.40000+	5	1.31620+	0	7.50000+	5	1.32000+	0	57	3	4	2480	
7.60000+	5	1.32400+	0	7.70000+	5	1.32800+	0	7.75000+	5	1.33000+	0	57	3	4	2481	
7.80000+	5	1.33200+	0	8.00000+	5	1.34000+	0	8.20000+	5	1.33600+	0	57	3	4	2482	
8.40000+	5	1.33200+	0	8.50000+	5	1.33000+	0	8.60000+	5	1.33400+	0	57	3	4	2483	
8.80000+	5	1.34200+	0	9.00000+	5	1.35000+	0	9.20000+	5	1.34600+	0	57	3	4	2484	
9.40000+	5	1.34200+	0	9.50000+	5	1.34000+	0	9.60000+	5	1.34600+	0	57	3	4	2485	
9.70000+	5	1.35200+	0	9.80000+	5	1.35800+	0	1.00000+	6	1.37000+	0	57	3	4	2486	
1.05000+	6	1.39300+	0	1.10000+	6	1.41600+	0	1.15000+	6	1.43900+	0	57	3	4	2487	
1.20000+	6	1.46200+	0	1.25000+	6	1.48500+	0	1.29500+	6	1.50570+	0	57	3	4	2488	
1.30000+	6	1.50800+	0	1.35000+	6	1.53100+	0	1.50000+	6	1.55400+	0	57	3	4	2489	
1.45000+	6	1.57700+	0	1.49500+	6	1.59770+	0	1.50000+	6	1.60000+	0	57	3	4	2490	
1.60000+	6	1.63000+	0	1.70000+	6	1.66000+	0	1.80000+	6	1.69000+	0	57	3	4	2491	
1.90000+	6	1.72000+	0	2.00000+	6	1.75000+	0	2.10000+	6	1.75000+	0	57	3	4	2492	
2.20000+	6	1.75000+	0	2.30000+	6	1.75000+	0	2.40000+	6	1.75000+	0	57	3	4	2493	
2.50000+	6	1.75000+	0	2.60000+	6	1.76200+	0	2.70000+	6	1.77400+	0	57	3	4	2494	
2.80000+	6	1.78600+	0	2.90000+	6	1.79800+	0	3.00000+	6	1.81000+	0	57	3	4	2495	
3.10000+	6	1.81000+	0	3.20000+	6	1.81000+	0	3.30000+	6	1.81000+	0	57	3	4	2496	
3.40000+	6	1.81000+	0	3.50000+	6	1.81000+	0	3.60000+	6	1.81200+	0	57	3	4	2497	
3.70000+	6	1.81400+	0	3.80000+	6	1.81600+	0	3.90000+	6	1.81800+	0	57	3	4	2498	
4.00000+	6	1.82000+	0	4.10000+	6	1.82200+	0	4.20000+	6	1.82400+	0	57	3	4	2499	
4.30000+	6	1.82600+	0	4.40000+	6	1.82800+	0	4.50000+	6	1.83000+	0	57	3	4	2500	
4.60000+	6	1.83200+	0	4.70000+	6	1.83400+	0	4.80000+	6	1.83600+	0	57	3	4	2501	
4.90000+	6	1.83800+	0	5.00000+	6	1.84000+	0	5.10000+	6	1.82600+	0	57	3	4	2502	
5.20000+	6	1.81200+	0	5.25000+	6	1.80500+	0	5.30000+	6	1.79800+	0	57	3	4	2503	
5.40000+	6	1.78400+	0	5.50000+	6	1.77000+	0	5.60000+	6	1.74600+	0	57	3	4	2504	
5.70000+	6	1.72200+	0	5.80000+	6	1.69800+	0	5.90000+	6	1.67400+	0	57	3	4	2505	
6.00000+	6	1.65000+	0	6.10000+	6	1.59200+	0	6.20000+	6	1.53400+	0	57	3	4	2506	
6.30000+	6	1.47600+	0	6.40000+	6	1.41800+	0	6.50000+	6	1.36000+	0	57	3	4	2507	
6.60000+	6	1.30600+	0	6.70000+	6	1.25200+	0	6.80000+	6	1.19800+	0	57	3	4	2508	
6.90000+	6	1.14400+	0	7.00000+	6	1.09000+	0	7.10000+	6	1.03800+	0	57	3	4	2509	
7.20000+	6	9.86000-	1	7.30000+	6	9.34000-	1	7.40000+	6	8.82000-	1	57	3	4	2510	
7.50000+	6	8.30000-	1	7.60000+	6	7.90000-	1	7.65000+	6	7.70000-	1	57	3	4	2511	
7.70000+	6	7.50000-	1	7.80000+	6	7.10000-	1	7.90000+	6	6.70000-	1	57	3	4	2512	
8.00000+	6	6.30000-	1	8.20000+	6	5.82000-	1	8.40000+	6	5.34000-	1	57	3	4	2513	
8.50000+	6	5.10000-	1	8.60000+	6	5.02000-	1	8.80000+	6	4.86000-	1	57	3	4	2514	
9.00000+	6	4.70000-	1	9.20000+	6	4.58000-	1	9.40000+	6	4.46000-	1	57	3	4	2515	
9.50000+	6	4.40000-	1	9.60000+	6	4.38000-	1	9.80000+	6	4.34000-	1	57	3	4	2516	
1.00000+	7	4.30000-	1	1.05000+	7	4.20000-	1	1.10000+	7	4.10000-	1	57	3	4	2517	
1.15000+	7	4.00000-	1	1.19000+	7	3.84000-	1	1.20000+	7	3.80000-	1	57	3	4	2518	
1.25000+	7	3.60000-	1	1.30000+	7	3.50000-	1	1.35000+	7	3.40000-	1	57	3	4	2519	
1.40000+	7	3.30000-	1	1.45000+	7	3.20000-	1	1.50000+	7	3.10000-	1	57	3	4	2520	
9.22350.	4	2.33025.	2									57	3	0	2521	
0.00000.	0	5.23000.	6									57	3	16	2522	
												53	57	3	16	2523
																2524
5.25000.	6	1.00000-	5	5.30000+	6	1.00000-	2	5.40000+	6	3.00000-	2	57	3	16	2525	
5.50000.	6	5.00000-	2	5.60000+	6	6.40000-	2	5.70000+	6	7.80000-	2	57	3	16	2526	
5.80000.	6	9.20000-	2	5.90000+	6	1.06000-	1	9.00000+	6	1.20000-	1	57	3	16	2527	

6.10000+	6	1.36000-	1	6.20000+	6	1.52000-	1	6.30000+	6	1.68000-	1	57	3	16	2528
6.40000+	6	1.84000-	1	6.50000+	6	2.00000-	1	6.60000+	6	2.16000-	1	57	3	16	2529
6.70000+	6	2.32000-	1	6.80000+	6	2.48000-	1	6.90000+	6	2.64000-	1	57	3	16	2530
7.00000+	6	2.80000-	1	7.10000+	6	3.06000-	1	7.20000+	6	3.32000-	1	57	3	16	2531
7.30000+	6	3.58000-	1	7.40000+	6	3.84000-	1	7.50000+	6	4.10000-	1	57	3	16	2532
7.60000+	6	4.32000-	1	7.65000+	6	4.43000-	1	7.70000+	6	4.54000-	1	57	3	16	2533
7.80000+	6	4.76000-	1	7.90000+	6	4.98000-	1	8.00000+	6	5.20000-	1	57	3	16	2534
8.20000+	6	5.44000-	1	8.40000+	6	5.68000-	1	8.50000+	6	5.80000-	1	57	3	16	2535
8.60000+	6	5.84000-	1	8.80000+	6	5.92000-	1	8.90000+	6	6.00000-	1	57	3	16	2536
9.20000+	6	6.40000-	1	9.40000+	6	6.08000-	1	9.50000+	6	6.10000-	1	57	3	16	2537
9.60000+	6	6.20000-	1	9.80000+	6	6.40000-	1	1.00000+	7	6.60000-	1	57	3	16	2538
1.05000+	7	6.90000-	1	1.10000+	7	7.00000-	1	1.15000+	7	6.50000-	1	57	3	16	2539
1.19000+	7	6.10000-	1	1.20000+	7	6.00000-	1	1.25000+	7	5.30000-	1	57	3	16	2540
1.30000+	7	4.10000-	1	1.35000+	7	2.70000-	1	1.40000+	7	1.30000-	1	57	3	16	2541
1.45000+	7	9.00000-	2	1.50000+	7	5.00000-	2					57	3	16	2542
												57	3	0	2543
9.22350+	4	2.33025+	2			0	99			0		57	3	17	2544
0.00000+	0	1.18500+	7			0	0			1		57	3	17	2545
	8											57	3	17	2546
1.19000+	7	1.00000-	5	1.20000+	7	1.00000-	3	1.25000+	7	1.00000-	2	57	3	17	2547
1.30000+	7	2.00000-	2	1.35000+	7	4.00000-	2	1.40000+	7	6.00000-	2	57	3	17	2548
1.45000+	7	7.00000-	2	1.50000+	7	8.00000-	2					57	3	17	2549
												57	3	0	2550
9.22350+	4	2.33025+	2			0	99			0		57	3	18	2551
1.00000+	3	1.92500+	8			0	0			1	2455	57	3	18	2552
	2455											57	3	18	2553
1.00000+	5	3.10300+	4	1.22756+	5	2.80038+	4	1.49675+	5	2.53583+	4	57	3	18	2554
1.81356+	5	2.30350+	4	2.18424+	5	2.09878+	4	2.18441+	5	2.09869+	4	57	3	18	2555
2.61714+	5	1.91719+	4	2.61737+	5	1.91710+	4	3.11933+	5	1.75595+	4	57	3	18	2556
3.11963+	5	1.75585+	4	3.69954+	5	1.61225+	4	3.69993+	5	1.61215+	4	57	3	18	2557
4.36707+	5	1.48380+	4	4.36756+	5	1.48371+	4	5.02663+	5	1.26290+	4	57	3	18	2558
6.02735+	5	1.76280+	4	8.18209+	5	1.08370+	4	8.18309+	5	1.08362+	4	57	3	18	2559
1.09487+	4	9.36695+	3	1.09500+	4	9.36624+	3	1.44552+	4	8.15093+	3	57	3	18	2560
1.44569+	4	8.15034+	3	1.90841+	4	7.09289+	3	1.90862+	4	7.09241+	3	57	3	18	2561
2.48886+	4	5.21014+	3	2.48911+	4	6.20916+	3	3.21017+	4	5.46742+	3	57	3	18	2562
3.21045+	4	6.46714+	3	4.09801+	4	4.83846+	3	4.09831+	4	4.83825+	3	57	3	18	2563
5.18710+	4	4.30012+	3	6.50757+	4	3.83870+	3	6.09793+	4	3.44080+	3	57	3	18	2564
1.00000+	3	3.09600+	3	1.25307+	3	2.76196+	3	1.25318+	3	2.76181+	3	57	3	18	2565
1.55762+	3	2.47399+	3	1.55785+	3	2.47377+	3	1.92188+	3	2.22437+	3	57	3	18	2566
1.92222+	3	2.22414+	3	2.25480+	3	2.00703+	3	2.35523+	3	2.00681+	3	57	3	18	2567
2.86786+	3	1.81646+	3	2.86832+	3	1.81629+	3	3.47122+	3	1.64913+	3	57	3	18	2568
3.47165+	3	1.64901+	3	4.17744+	3	1.50158+	3	2.00000+	3	1.37100+	3	57	3	18	2569
5.98917+	3	1.24870+	3	5.98990+	3	1.24861+	3	1.13821+	3	1.14026+	3	57	3	18	2570
7.13933+	3	1.14015+	3	8.00000+	3	1.07770+	3	8.46777+	3	1.04376+	3	57	3	18	2571
8.46874+	3	1.04369+	3	9.00000+	3	1.01384+	3	1.00000+	2	9.57649+	2	57	3	18	2572
1.10000+	2	9.14349+	2	1.20000+	2	8.71048+	2	1.22842+	2	8.58743+	2	57	3	18	2573
1.22869+	2	8.58626+	2	1.50000+	2	7.72470+	2	1.60000+	2	7.50165+	2	57	3	18	2574
1.90000+	2	6.83249+	2	2.00000+	2	6.60944+	2	2.30000+	2	6.15240+	2	57	3	18	2575
2.40000+	2	6.00005+	2	2.53000+	2	8.80200+	2	2.60000+	2	5.72258+	2	57	3	18	2576
2.80000+	2	5.49565+	2	2.90000+	2	5.38219+	2	2.00000+	2	5.26873+	2	57	3	18	2577
3.40000+	2	4.90987+	2	3.50000+	2	4.82015+	2	2.00000+	2	4.45615+	2	57	3	18	2578
4.20000+	2	4.33471+	2	4.30000+	2	4.27400+	2	2.50000+	2	4.15256+	2	57	3	18	2579
5.00000+	2	3.89421+	2	5.50000+	2	3.67097+	2	5.60000+	2	3.63192+	2	57	3	18	2580
5.70000+	2	3.59287+	2	6.00000+	2	3.47573+	2	6.50000+	2	3.30336+	2	57	3	18	2581
6.80000+	2	3.21144+	2	6.90000+	2	3.18080+	2	7.00000+	2	3.15016+	2	57	3	18	2582
7.50000+	2	3.01351+	2	8.00000+	2	2.89161+	2	8.40000+	2	2.80412+	2	57	3	18	2583
8.50000+	2	2.78225+	2	9.00000+	2	2.68312+	2	9.20000+	2	2.64692+	2	57	3	18	2584
9.30000+	2	2.62883+	2	9.50000+	2	2.59263+	2	9.90000+	2	2.52681+	2	57	3	18	2585
1.00000+	1	2.51036+	2	1.10000+	1	2.36106+	2	1.20000+	1	2.23244+	2	57	3	18	2586
1.30000+	1	2.12228+	2	1.40000+	1	2.03038+	2	1.50000+	1	1.95503+	2	57	3	18	2587
1.60000+	1	1.89122+	2	1.70000+	1	1.83965+	2	1.80000+	1	1.79962+	2	57	3	18	2588
2.03340+	1	1.75437+	2	2.23340+	1	1.76370+	2	2.43340+	1	1.82219+	2	57	3	18	2589
2.63340+	1	1.89704+	2	2.83340+	1	1.94680+	2	3.03340+	1	1.90115+	2	57	3	18	2590
3.23340+	1	1.72698+	2	3.43340+	1	1.52572+	2	3.63340+	1	1.37773+	2	57	3	18	2591
3.83340+	1	1.24911+	2	4.03340+	1	1.14135+	2	4.28120+	1	1.03139+	2	57	3	18	2592
4.64920+	1	9.07725+	1	5.04920+	1	8.12321+	1	7.44920+	1	7.41408+	1	57	3	18	2593
5.84920+	1	6.88143+	1	6.24920+	1	6.48101+	1	6.64920+	1	6.16708+	1	57	3	18	2594
7.04920+	1	5.91315+	1	7.44920+	1	5.71389+	1	7.84920+	1	5.57855+	1	57	3	18	2595
8.24920+	1	5.51644+	1	8.64920+	1	5.54855+	1	9.04920+	1	5.71319+	1	57	3	18	2596
9.44920+	1	6.01990+	1	9.84920+	1	6.46586+	1	1.00000+	0	6.75106+	1	57	3	18	2597

1.00000+	0	6.29951+	1	1.02319+	n	6.92680+	1	1.05500+	0	8.46684+	1	57	3	18	2548
1.07300+	0	9.26396+	1	1.08750+	n	9.86583+	1	1.09100+	0	1.00256+	2	57	3	18	2599
1.10886+	0	1.04143+	2	1.12528+	n	1.04745+	2	1.14000+	0	1.01731+	2	57	3	18	2600
1.15472+	0	9.49169+	1	1.17114+	n	8.33459+	1	1.18200+	0	7.37326+	1	57	3	18	2601
1.19250+	0	6.52367+	1	1.20000+	n	5.94712+	1	1.21800+	0	4.85059+	1	57	3	18	2602
1.23400+	0	3.89647+	1	1.25681+	n	3.03849+	1	1.30466+	0	2.29759+	1	57	3	18	2603
1.32700+	0	2.25919+	1	1.36400+	0	1.97512+	1	1.36678+	n	1.94959+	1	57	3	18	2604
1.45375+	0	1.76332+	1	1.45500+	0	1.76473+	1	1.54500+	0	1.69108+	1	57	3	18	2605
1.58302+	0	1.62930+	1	1.63600+	0	1.62460+	1	1.72700+	0	1.58053+	1	57	3	18	2606
1.78694+	0	1.52779+	1	1.79626+	n	1.52469+	1	1.79966+	n	1.52369+	1	57	3	18	2607
1.81800+	0	1.52432+	1	1.87384+	n	1.52683+	1	1.90900+	0	1.58457+	1	57	3	18	2608
1.92086+	0	1.59467+	1	1.95250+	n	1.75122+	1	1.97510+	n	1.97908+	1	57	3	16	2609
1.99251+	0	2.20408+	1	2.00000+	n	2.28876+	1	2.01590+	n	2.47469+	1	57	3	18	2610
2.02367+	0	2.52804+	1	2.02965+	n	2.55030+	1	2.03500+	0	2.55514+	1	57	3	18	2611
2.04035+	0	2.54536+	1	2.04613+	n	2.51758+	1	2.05410+	0	2.45706+	1	57	3	18	2612
2.07749+	0	2.16190+	1	2.09490+	0	1.91394+	1	2.11750+	n	1.65618+	1	57	3	18	2613
2.14914+	0	1.45745+	1	2.18200+	0	1.38499+	1	2.19616+	0	1.35384+	1	57	3	18	2614
2.21165+	0	1.33864+	1	2.27373+	n	1.30434+	1	2.36400+	0	1.29790+	1	57	3	18	2615
2.45500+	0	1.21942+	1	2.46231+	0	1.21015+	1	2.54500+	0	1.14613+	1	57	3	18	2616
2.58917+	0	1.06086+	1	2.63600+	0	1.00494+	1	2.67979+	0	9.80976+	0	57	3	18	2617
2.69100+	0	9.89129+	0	2.74500+	0	1.09910+	1	2.74961+	0	1.14443+	1	57	3	18	2618
2.80000+	0	1.75878+	1	2.81800+	n	1.90882+	1	2.84342+	0	2.02043+	1	57	3	18	2619
2.85500+	0	2.08454+	1	2.87457+	n	2.15624+	1	2.89853+	0	2.23001+	1	57	3	18	2620
2.92000+	0	2.28566+	1	2.92700+	0	2.30161+	1	2.94147+	0	2.36312+	1	57	3	18	2621
2.94500+	0	2.37982+	1	2.96543+	0	2.59624+	1	2.99658+	n	2.99564+	1	57	3	18	2622
3.01800+	0	3.45721+	1	3.05888+	0	4.09854+	1	3.07200+	0	4.39742+	1	57	3	18	2623
3.09840+	0	4.82737+	1	3.11817+	0	5.05512+	1	3.13338+	0	5.11745+	1	57	3	18	2624
3.14700+	0	5.06578+	1	3.16062+	n	4.90530+	1	3.17583+	0	4.60545+	1	57	3	18	2625
3.18200+	0	4.43716+	1	3.19560+	0	4.16829+	1	3.21800+	0	3.62740+	1	57	3	18	2626
3.25512+	0	2.81422+	1	3.27300+	0	2.57078+	1	3.29942+	0	2.22968+	1	57	3	18	2627
3.35692+	0	2.04785+	1	3.36400+	0	2.09478+	1	3.43495+	0	2.62646+	1	57	3	18	2628
3.45500+	0	3.09657+	1	3.48212+	0	3.64713+	1	3.49100+	0	4.00807+	1	57	3	18	2629
3.51687+	0	5.05950+	1	3.54365+	0	6.52731+	1	3.54500+	0	6.59682+	1	57	3	18	2630
3.57963+	0	7.80632+	1	3.58200+	0	7.84399+	1	3.59158+	0	8.09405+	1	57	3	18	2631
3.60077+	0	8.21095+	1	3.60900+	0	8.21503+	1	3.61723+	0	8.12130+	1	57	3	18	2632
3.62642+	0	7.90429+	1	3.63600+	0	7.54981+	1	3.63837+	0	7.44286+	1	57	3	18	2633
3.67435+	0	5.13340+	1	3.69100+	0	4.00645+	1	3.70113+	0	3.38735+	1	57	3	18	2634
3.72700+	0	2.16638+	1	3.73588+	n	1.82178+	1	3.78454+	0	9.09654+	0	57	3	18	2635
3.81800+	0	7.41464+	0	3.85686+	n	5.34599+	n	3.90900+	0	5.20708+	0	57	3	18	2636
3.97095+	0	4.48375+	0	4.00000+	n	4.58175+	0	4.09100+	0	4.62878+	0	57	3	18	2637
4.16256+	0	4.55567+	0	4.18200+	n	4.60832+	n	4.22739+	0	4.66389+	0	57	3	18	2638
4.29246+	0	4.80627+	0	4.36400+	0	5.07111+	n	4.48475+	0	5.05426+	0	57	3	18	2639
4.54500+	0	5.19441+	0	4.59925+	n	5.48429+	0	4.63600+	0	5.96246+	0	57	3	18	2640
4.67184+	0	6.43265+	n	4.72066+	0	8.36399+	n	4.72700+	0	8.87435+	0	57	3	18	2641
4.75554+	0	1.18028+	1	4.78200+	0	1.52558+	1	4.78242+	0	1.53150+	1	57	3	18	2642
4.80000+	0	1.77313+	1	4.81852+	n	1.95452+	1	4.83051+	0	2.02890+	1	57	3	18	2643
4.83600+	0	2.04926+	1	4.83974+	0	2.06313+	1	4.84800+	0	2.07507+	1	57	3	18	2644
4.85500+	0	2.06979+	1	4.85626+	0	2.06133+	1	4.86549+	0	1.97866+	1	57	3	18	2645
4.87748+	0	1.84133+	1	4.89100+	n	1.63806+	1	4.90900+	0	1.40347+	1	57	3	18	2646
4.91358+	0	1.35264+	1	4.94046+	0	1.03762+	1	4.94500+	0	9.97192+	0	57	3	18	2647
4.97534+	0	7.87986+	0	4.98100+	0	7.72531+	0	5.02416+	0	6.54758+	0	57	3	18	2648
5.09100+	0	6.58805+	0	5.09675+	n	6.62987+	0	5.13866+	n	7.29292+	0	57	3	18	2649
5.14500+	0	7.41421+	0	5.18200+	0	8.23582+	n	5.18321+	0	8.26658+	0	57	3	18	2650
5.26052+	0	1.05319+	1	5.27300+	0	1.09911+	1	5.30900+	0	1.22524+	1	57	3	18	2651
5.31248+	0	1.23396+	1	5.34960+	0	1.35069+	1	5.37820+	0	1.45014+	1	57	3	18	2652
5.41663+	0	1.58040+	1	5.42939+	0	1.61865+	1	5.43921+	0	1.64540+	1	57	3	18	2653
5.44800+	0	1.66716+	1	5.45679+	0	1.68672+	1	5.46661+	0	1.70590+	1	57	3	18	2654
5.46744+	0	1.70740+	1	5.53736+	0	1.77608+	1	5.54500+	0	1.77733+	1	57	3	18	2655
5.60000+	0	1.73239+	1	5.65500+	0	1.66239+	1	5.66264+	0	1.66399+	1	57	3	18	2656
5.72700+	0	1.64913+	1	5.73256+	n	1.65380+	1	5.81800+	0	1.74448+	1	57	3	18	2657
5.82346+	0	1.75153+	1	5.90900+	0	2.34994+	1	6.00000+	0	2.94452+	1	57	3	18	2658
6.04863+	0	3.17783+	1	6.09100+	n	3.87352+	1	6.12963+	0	4.46643+	1	57	3	18	2659
6.16232+	0	5.00487+	1	6.16400+	0	5.03187+	1	6.18747+	0	5.30364+	1	57	3	18	2660
6.21000+	0	5.59013+	1	6.21800+	0	5.72202+	1	6.23253+	0	6.04823+	1	57	3	18	2661
6.25500+	0	6.71928+	1	6.25748+	n	6.81263+	1	6.29037+	0	8.31775+	1	57	3	18	2662
6.29100+	0	8.34985+	1	6.33106+	0	1.02066+	2	6.34818+	0	1.07989+	2	57	3	18	2663
6.36194+	0	1.10760+	2	6.37252+	0	1.11374+	2	6.38200+	0	1.10689+	2	57	3	18	2664
6.39148+	0	1.08807+	2	6.40206+	0	1.05335+	2	6.41582+	0	9.88718+	1	57	3	18	2665
6.41800+	0	9.74187+	1	6.45500+	0	6.98826+	1	6.45725+	0	6.82493+	1	57	3	18	2666
6.48808+	0	4.53055+	1	6.49100+	n	4.36745+	1	6.52810+	0	2.51582+	1	57	3	18	2667
6.54500+	0	2.11608+	1	6.58412+	n	1.22168+	1	6.63600+	0	9.23777+	0	57	3	18	2668

6.66741	0	7.38256	0	6.72052	0	6.72274	0	6.72700	0	6.74754	0	57	3	18	2669
6.77646	0	7.48038	0	6.81800	0	9.70980	0	6.86416	0	1.19927	1	57	3	18	2670
6.92315	0	2.21123	1	6.96529	0	3.64801	1	6.98200	0	4.39289	1	57	3	18	2671
6.99776	0	5.07501	1	7.04138	0	6.78922	1	7.05587	0	7.13616	1	57	3	18	2672
7.06702	0	7.28801	1	7.07700	0	7.33090	0	7.08698	0	7.28353	1	57	3	18	2673
7.09813	0	7.12668	1	7.11262	0	6.77319	1	7.15624	0	5.03863	1	57	3	18	2674
7.18200	0	3.91088	1	7.18871	0	3.59531	1	7.23085	0	2.05242	1	57	3	18	2675
7.28984	0	8.85499	0	7.29100	0	8.76415	0	7.37754	0	4.73775	0	57	3	18	2676
7.51588	0	3.56470	0	7.74821	0	3.90702	0	7.81800	0	4.36609	0	57	3	18	2677
7.84976	0	4.53388	0	7.97215	0	5.73946	0	8.00000	0	6.55837	0	57	3	18	2678
8.18100	0	1.22378	1	8.25212	0	1.46100	1	8.36300	0	2.79355	1	57	3	18	2679
8.41882	0	3.69712	1	8.45300	0	5.33123	1	8.52451	0	8.43795	1	57	3	18	2680
8.59560	0	1.73899	2	8.64639	0	2.92852	2	8.68551	0	4.09913	2	57	3	18	2681
8.73808	0	5.51174	2	8.75554	0	5.79824	2	8.76897	0	5.92498	2	57	3	18	2682
8.78100	0	5.96280	2	8.79303	0	5.92724	2	8.80646	0	5.80304	2	57	3	18	2683
8.82392	0	5.51992	2	8.87649	0	4.11861	2	8.91561	0	2.95855	2	57	3	18	2684
8.92500	0	2.74238	2	8.96640	0	1.88743	2	9.01500	0	1.42858	2	57	3	18	2685
9.03749	0	1.18437	2	9.03990	0	1.17103	2	9.04219	0	1.15895	2	57	3	18	2686
9.05200	0	1.13867	2	9.10600	0	9.74897	1	9.10977	0	9.55725	1	57	3	18	2687
9.15804	0	8.98062	1	9.17900	0	9.06114	1	9.19523	0	9.15644	1	57	3	18	2688
9.23300	0	3.56480	1	9.24520	0	9.65811	1	9.26180	0	9.87089	1	57	3	18	2689
9.27456	0	9.93343	1	9.28600	0	9.90681	1	9.29744	0	9.79954	1	57	3	18	2690
9.30600	0	9.65646	1	9.31020	0	9.58626	1	9.32680	0	9.17305	1	57	3	18	2691
9.36000	0	7.92957	1	9.37677	0	7.53448	1	9.41396	0	6.51801	1	57	3	18	2692
9.42072	0	6.35518	1	9.43200	0	6.11428	1	9.43624	0	5.99671	1	57	3	18	2693
9.45100	0	5.80100	1	9.50500	0	4.53550	1	9.52162	0	4.10739	1	57	3	18	2694
9.54100	0	3.97780	1	9.63634	0	3.33409	1	9.67444	0	3.22247	1	57	3	18	2695
9.70374	0	3.10338	1	9.70400	0	3.10192	1	9.73000	0	2.98338	1	57	3	18	2696
9.75626	0	2.81668	1	9.75900	0	2.79437	1	9.78556	0	2.68183	1	57	3	18	2697
9.82366	0	2.46202	1	9.93838	0	1.89291	1	9.99500	0	2.04340	1	57	3	18	2698
1.00238	1	2.09683	1	1.00390	1	2.20787	1	1.00460	1	2.26572	1	57	3	18	2699
1.00850	1	2.64374	1	1.00850	1	2.64408	1	1.01373	1	3.32008	1	57	3	18	2700
1.01547	1	3.47619	1	1.01680	1	3.56025	1	1.01760	1	3.59091	1	57	3	18	2701
1.01800	1	3.59373	1	1.01920	1	3.57399	1	1.02053	1	3.51845	1	57	3	18	2702
1.02227	1	3.39903	1	1.02519	1	3.10383	1	1.02670	1	2.99413	1	57	3	18	2703
1.03390	1	2.68430	1	1.04300	1	2.02223	1	1.04745	1	1.63482	1	57	3	18	2704
1.06069	1	1.47167	1	1.06290	1	1.45287	1	1.07087	1	1.49923	1	57	3	18	2705
1.07200	1	1.50051	1	1.08000	1	1.54042	1	1.08110	1	1.53872	1	57	3	18	2706
1.08913	1	1.48202	1	1.09370	1	1.42328	1	1.09920	1	1.41883	1	57	3	18	2707
1.09931	1	1.41882	1	1.11255	1	1.38424	1	1.12640	1	2.13120	1	57	3	18	2708
1.14090	1	2.72833	1	1.14450	1	2.89540	1	1.14810	1	3.05226	1	57	3	18	2709
1.15242	1	3.06600	1	1.15540	1	3.79981	1	1.15593	1	3.95237	1	57	3	18	2710
1.15643	1	4.10235	1	1.16203	1	5.63786	1	1.16389	1	5.95780	1	57	3	18	2711
1.16532	1	6.10014	1	1.16660	1	6.14277	1	1.16788	1	6.10292	1	57	3	18	2712
1.16931	1	5.96376	1	1.17117	1	5.64815	1	1.17677	1	4.12865	1	57	3	18	2713
1.18094	1	2.94864	1	1.18620	1	1.92528	1	1.18635	1	1.90699	1	57	3	18	2714
1.18980	1	1.92670	1	1.19393	1	1.75001	1	1.20000	1	2.04326	1	57	3	18	2715
1.20255	1	2.15562	1	1.20910	1	3.23574	1	1.21143	1	3.73704	1	57	3	18	2716
1.21450	1	5.56561	1	1.21924	1	7.92823	1	1.22000	1	8.78300	1	57	3	18	2717
1.22482	1	1.39857	2	1.22911	1	2.04489	2	1.23489	1	2.85181	2	57	3	18	2718
1.23500	1	2.86137	2	1.23690	1	3.02525	2	1.23828	1	3.10250	2	57	3	18	2719
1.23960	1	3.12551	2	1.24092	1	3.10369	2	1.24240	1	3.02778	2	57	3	18	2720
1.24431	1	2.85539	2	1.24900	1	2.17438	2	1.24910	1	2.15989	2	57	3	18	2721
1.25009	1	2.01639	2	1.25438	1	1.34801	2	1.25440	1	1.34623	2	57	3	18	2722
1.25996	1	7.21778	1	1.26264	1	5.38307	1	1.26536	1	4.15887	1	57	3	18	2723
1.27104	1	3.02574	1	1.27542	1	2.86708	1	1.28130	1	2.95326	1	57	3	18	2724
1.28325	1	2.98079	1	1.28475	1	2.98549	1	1.28610	1	2.97495	1	57	3	18	2725
1.28745	1	2.94948	1	1.28895	1	2.90368	1	1.29090	1	2.81859	1	57	3	18	2726
1.29678	1	2.46002	1	1.30116	1	2.20871	1	1.30583	1	2.06500	1	57	3	18	2727
1.31097	1	2.09996	1	1.31577	1	2.28339	1	1.32223	1	2.60824	1	57	3	18	2728
1.32437	1	2.69939	1	1.32602	1	2.75588	1	1.32750	1	2.79584	1	57	3	18	2729
1.32898	1	2.82484	1	1.33043	1	2.85427	1	1.33277	1	2.85486	1	57	3	18	2730
1.33923	1	2.83992	1	1.34403	1	2.89492	1	1.34941	1	3.13881	1	57	3	18	2731
1.35446	1	3.58949	1	1.35897	1	4.16118	1	1.36504	1	5.08485	1	57	3	18	2732
1.36706	1	5.40533	1	1.36861	1	5.65105	1	1.37000	1	5.86931	1	57	3	18	2733
1.37139	1	6.08538	1	1.37294	1	6.32425	1	1.37496	1	6.63453	1	57	3	18	2734
1.37660	1	6.87669	1	1.38232	1	7.69303	1	1.38935	1	8.58511	1	57	3	18	2735
1.39475	1	9.04035	1	1.39960	1	9.14379	1	1.40445	1	8.89943	1	57	3	18	2736
1.40850	1	8.41035	1	1.40985	1	8.26836	1	1.41688	1	7.15254	1	57	3	18	2737
1.42670	1	5.98736	1	1.43570	1	5.06254	1	1.43806	1	4.74577	1	57	3	18	2738

1.44120	1	4.69581	1	1.44190	1	4.66507	1	1.44304	1	4.63624	1	57	3	18	2739
1.44480	1	4.59953	1	1.44929	1	4.34909	1	1.45137	1	4.19306	1	57	3	18	2740
1.45297	1	4.04381	1	1.45440	1	3.88502	1	1.45583	1	3.70134	1	57	3	18	2741
1.45743	1	3.46748	1	1.45951	1	3.12246	1	1.46110	1	2.81620	1	57	3	18	2742
1.46470	1	2.35018	1	1.46576	1	2.23574	1	1.47041	1	1.74777	1	57	3	18	2743
1.47370	1	1.51357	1	1.47646	1	1.30971	1	1.48491	1	1.06520	1	57	3	18	2744
1.49010	1	1.07854	1	1.49688	1	9.54691	0	1.50000	1	9.78984	0	57	3	18	2745
1.50910	1	1.14013	1	1.50920	1	1.14184	1	1.51790	1	1.84438	1	57	3	18	2746
1.51820	1	1.89626	1	1.52412	1	2.82943	1	1.52730	1	3.52471	1	57	3	18	2747
1.52891	1	3.88880	1	1.53535	1	5.23650	1	1.53640	1	5.37167	1	57	3	18	2748
1.53748	1	5.51043	1	1.53913	1	5.62942	1	1.54060	1	5.66145	1	57	3	18	2749
1.54207	1	5.62115	1	1.54372	1	5.49295	1	1.54550	1	5.25453	1	57	3	18	2750
1.54585	1	5.20145	1	1.55229	1	3.71612	1	1.55450	1	3.16962	1	57	3	18	2751
1.55708	1	2.51086	1	1.56330	1	1.30866	1	1.56360	1	1.27976	1	57	3	18	2752
1.57200	1	6.71405	0	1.57270	1	6.59238	0	1.57433	1	6.49734	0	57	3	18	2753
1.57671	1	6.83251	0	1.58180	1	1.05082	1	1.58560	1	1.33461	1	57	3	18	2754
1.59090	1	2.31912	1	1.59196	1	2.51477	1	1.59685	1	3.80329	1	57	3	18	2755
1.60000	1	1.60422	1	1.60343	1	5.43151	1	1.60561	1	5.76626	1	57	3	18	2756
1.60729	1	5.91781	1	1.60880	1	5.96683	1	1.60910	1	5.95980	1	57	3	18	2757
1.61031	1	5.93158	1	1.61199	1	5.79566	1	1.61417	1	5.48218	1	57	3	18	2758
1.61820	1	4.55848	1	1.62075	1	3.87444	1	1.62564	1	2.55139	1	57	3	18	2759
1.62730	1	2.25626	1	1.63200	1	1.45669	1	1.63640	1	1.23384	1	57	3	18	2760
1.63749	1	1.21328	1	1.64309	1	1.68830	1	1.64360	1	1.78147	1	57	3	18	2761
1.64910	1	2.78444	1	1.64956	1	2.88592	1	1.65450	1	4.26926	1	57	3	18	2762
1.65454	1	4.28063	1	1.66123	1	6.02242	1	1.66346	1	6.41165	1	57	3	18	2763
1.66360	1	6.42866	1	1.66517	1	6.54210	1	1.66670	1	6.57648	1	57	3	18	2764
1.66823	1	6.53684	1	1.66994	1	6.40715	1	1.67217	1	6.11468	1	57	3	18	2765
1.67270	1	5.99838	1	1.67886	1	4.75450	1	1.68180	1	4.07248	1	57	3	18	2766
1.68384	1	3.62254	1	1.69031	1	2.51595	1	1.69090	1	2.46855	1	57	3	18	2767
1.69450	1	2.11641	1	1.69936	1	1.52835	1	1.70000	1	1.49831	1	57	3	18	2768
1.70910	1	1.11670	1	1.71282	1	9.30506	0	1.71810	1	8.22172	0	57	3	18	2769
1.72730	1	7.07499	0	1.73405	1	6.23500	0	1.73457	1	6.20550	0	57	3	18	2770
1.73511	1	6.17625	0	1.73640	1	6.20899	0	1.74550	1	7.14907	0	57	3	18	2771
1.75450	1	7.36883	0	1.75720	1	7.54091	0	1.76360	1	1.03080	1	57	3	18	2772
1.77121	1	1.35963	1	1.77270	1	1.55253	1	1.78063	1	2.57026	1	57	3	18	2773
1.78180	1	2.83601	1	1.78736	1	4.19357	1	1.79090	1	5.23132	1	57	3	18	2774
1.79254	1	5.69888	1	1.79951	1	7.41251	1	1.80183	1	7.75852	1	57	3	18	2775
1.80361	1	7.91586	1	1.80520	1	7.96972	1	1.80679	1	7.93945	1	57	3	18	2776
1.80857	1	7.80847	1	1.80910	1	7.37671	1	1.81089	1	7.48987	1	57	3	18	2777
1.81786	1	5.85425	1	1.81820	1	5.76036	1	1.82304	1	4.44070	1	57	3	18	2778
1.82730	1	3.49150	1	1.82977	1	3.03765	1	1.83640	1	2.48602	1	57	3	18	2779
1.83919	1	2.15496	1	1.84550	1	1.94156	1	1.85004	1	1.75168	1	57	3	18	2780
1.85450	1	1.76679	1	1.86116	1	1.76406	1	1.86360	1	1.86348	1	57	3	18	2781
1.87082	1	2.15700	1	1.87270	1	2.32030	1	1.87772	1	2.79276	1	57	3	18	2782
1.88180	1	3.40121	1	1.88303	1	3.58919	1	1.89017	1	5.22960	1	57	3	18	2783
1.89090	1	5.46807	1	1.89254	1	5.99202	1	1.89437	1	6.69741	1	57	3	18	2784
1.89600	1	7.44664	1	1.89763	1	8.33258	1	1.89946	1	9.51732	1	57	3	18	2785
1.90000	1	9.95505	1	1.90183	1	1.14544	2	1.90897	1	2.06173	2	57	3	18	2786
1.91278	1	2.76628	2	1.91662	1	3.57426	2	1.92382	1	4.94152	2	57	3	18	2787
1.92621	1	5.21985	2	1.92805	1	5.34154	2	1.92970	1	5.37544	2	57	3	18	2788
1.93135	1	5.33642	2	1.93319	1	5.20882	2	1.93558	1	4.92213	2	57	3	18	2789
1.93810	1	4.43241	2	1.94278	1	3.54598	2	1.94360	1	3.37701	2	57	3	18	2790
1.94550	1	3.01612	2	1.94815	1	2.50652	2	1.94910	1	2.37294	2	57	3	18	2791
1.95090	1	2.11369	2	1.95270	1	1.82593	2	1.95450	1	1.52388	2	57	3	18	2792
1.95510	1	1.42307	2	1.96180	1	8.42177	1	1.96411	1	6.47574	1	57	3	18	2793
1.96720	1	5.61567	1	1.97270	1	4.14730	1	1.97690	1	3.06992	1	57	3	18	2794
1.98180	1	2.71813	1	1.98679	1	2.37949	1	1.99090	1	2.31346	1	57	3	18	2795
1.99441	1	2.25714	1	2.00000	1	2.27244	1	2.00464	1	2.34018	1	57	3	18	2796
2.00804	1	2.36802	1	2.00910	1	2.36733	1	2.01066	1	2.37238	1	57	3	18	2797
2.01300	1	2.35832	1	2.01534	1	2.32363	1	2.01707	1	2.28566	1	57	3	18	2798
2.01831	1	2.25261	1	2.02000	1	2.20149	1	2.02164	1	2.14512	1	57	3	18	2799
2.02357	1	2.07916	1	2.02602	1	1.99509	1	2.02730	1	1.96924	1	57	3	18	2800
2.03339	1	1.87032	1	2.03640	1	1.93434	1	2.03887	1	1.98688	1	57	3	18	2801
2.04040	1	2.05899	1	2.04194	1	2.14903	1	2.04550	1	2.43075	1	57	3	18	2802
2.04748	1	2.58743	1	2.05450	1	3.20050	1	2.05492	1	3.23718	1	57	3	18	2803
2.05739	1	3.39492	1	2.05820	1	3.43190	1	2.05930	1	3.48212	1	57	3	18	2804
2.06100	1	3.53355	1	2.06270	1	3.56050	1	2.06360	1	3.56347	1	57	3	18	2805
2.06461	1	3.56681	1	2.06708	1	3.55231	1	2.06730	1	3.55609	1	57	3	18	2806
2.07270	1	3.64894	1	2.07452	1	3.68023	1	2.07640	1	3.95353	1	57	3	18	2807
2.08006	1	4.48558	1	2.08180	1	5.02949	1	2.08397	1	5.70781	1	57	3	18	2808

2.08792+	1	7.57405+	1	2.09090+	1	9.42819+	1	6.09353+	1	1.10649+	2	57	3	18	2809
2.10000+	1	1.49772+	2	2.10105+	1	1.56060+	2	2.10355+	1	1.65287+	2	57	3	18	2810
2.10360+	1	1.65381+	2	2.10548+	1	1.69403+	2	2.10720+	1	1.70527+	2	57	3	18	2811
2.10892+	1	1.69153+	2	2.10910+	1	1.68747+	2	2.11085+	1	1.64694+	2	57	3	18	2812
2.11270+	1	1.57336+	2	2.11335+	1	1.54781+	2	2.11820+	1	1.24167+	2	57	3	18	2813
2.12087+	1	1.07283+	2	2.12180+	1	1.01059+	2	2.12640+	1	7.03002+	1	57	3	18	2814
2.12648+	1	6.97950+	1	2.13375+	1	3.47647+	1	2.13640+	1	7.90635+	1	57	3	18	2815
2.14000+	1	2.06346+	1	2.14393+	1	1.22248+	1	2.14550+	1	1.14473+	1	57	3	18	2816
2.15450+	1	6.34788+	0	2.15906+	1	3.93042+	0	2.17270+	1	2.29310+	0	57	3	18	2817
2.18293+	1	1.75637+	0	2.19090+	1	1.87088+	0	2.19857+	1	1.88837+	0	57	3	18	2818
2.20910+	1	2.15822+	0	2.21488+	1	2.47088+	0	2.22730+	1	3.43184+	0	57	3	18	2819
2.23979+	1	4.44897+	0	2.24550+	1	5.75273+	0	2.25558+	1	8.25178+	0	57	3	18	2820
2.26360+	1	1.45926+	1	2.26620+	1	1.64957+	1	2.27379+	1	2.86719+	1	57	3	18	2821
2.27963+	1	4.16757+	1	2.28180+	1	4.62889+	1	2.28749+	1	5.84021+	1	57	3	18	2822
2.29010+	1	6.20659+	1	2.29210+	1	6.38604+	1	2.29390+	1	6.46363+	1	57	3	18	2823
2.29570+	1	6.46105+	1	2.29770+	1	6.36728+	1	2.30000+	1	6.14884+	1	57	3	18	2824
2.30031+	1	6.12024+	1	2.30817+	1	4.94123+	1	2.31150+	1	4.53278+	1	57	3	18	2825
2.31401+	1	4.21548+	1	2.31743+	1	4.05632+	1	2.32088+	1	4.16012+	1	57	3	18	2826
2.32300+	1	4.44643+	1	2.32679+	1	4.95684+	1	2.33472+	1	6.95620+	1	57	3	18	2827
2.33736+	1	7.73858+	1	2.33938+	1	8.34687+	1	2.34120+	1	8.88474+	1	57	3	18	2828
2.34302+	1	9.40671+	1	2.34504+	1	9.96049+	1	2.34600+	1	1.01994+	2	57	3	18	2829
2.34768+	1	1.06188+	2	2.35100+	1	1.13168+	2	2.35504+	1	1.19095+	2	57	3	18	2830
2.35824+	1	1.21351+	2	2.36070+	1	1.21419+	2	2.36290+	1	1.20180+	2	57	3	18	2831
2.36510+	1	1.17709+	2	2.36756+	1	1.13565+	2	2.36900+	1	1.10275+	2	57	3	18	2832
2.37076+	1	1.06237+	2	2.38039+	1	7.67751+	1	2.38740+	1	5.65322+	1	57	3	18	2833
2.38756+	1	5.60183+	1	2.39641+	1	3.76385+	1	2.40110+	1	3.45086+	1	57	3	18	2834
2.40382+	1	3.36117+	1	2.40983+	1	3.76435+	1	2.41030+	1	3.81962+	1	57	3	18	2835
2.41791+	1	4.92502+	1	2.42059+	1	5.29618+	1	2.42265+	1	5.54236+	1	57	3	18	2836
2.42450+	1	5.72364+	1	2.42635+	1	5.86139+	1	2.42841+	1	5.95893+	1	57	3	18	2837
2.43074+	1	5.99535+	1	2.43308+	1	5.95547+	1	2.43515+	1	5.86222+	1	57	3	18	2838
2.43700+	1	5.73908+	1	2.43790+	1	5.66460+	1	2.43885+	1	5.58624+	1	57	3	18	2839
2.44092+	1	5.39000+	1	2.44361+	1	5.11131+	1	2.445170+	1	4.32293+	1	57	3	18	2840
2.45214+	1	4.28856+	1	2.45412+	1	4.15020+	1	2.46090+	1	4.39925+	1	57	3	18	2841
2.48390+	1	4.18057+	1	2.49039+	1	4.09830+	1	2.50243+	1	4.65429+	1	57	3	18	2842
2.50690+	1	4.87391+	1	2.51170+	1	5.21605+	1	2.51610+	1	5.53733+	1	57	3	18	2843
2.52000+	1	5.87013+	1	2.52830+	1	6.62593+	1	2.53450+	1	7.23261+	1	57	3	18	2844
2.53757+	1	7.46457+	1	2.54684+	1	8.06219+	1	2.55104+	1	8.19751+	1	57	3	18	2845
2.55290+	1	8.19628+	1	2.55524+	1	8.21787+	1	2.55750+	1	8.15354+	1	57	3	18	2846
2.55900+	1	8.11090+	1	2.56276+	1	7.86764+	1	2.56696+	1	7.44820+	1	57	3	18	2847
2.57130+	1	6.87409+	1	2.57242+	1	6.88867+	1	2.58510+	1	4.43847+	1	57	3	18	2848
2.58886+	1	3.76412+	1	2.60110+	1	2.28283+	1	2.60340+	1	2.21842+	1	57	3	18	2849
2.61260+	1	2.28090+	1	2.61698+	1	2.46197+	1	2.61781+	1	2.55175+	1	57	3	18	2850
2.61824+	1	2.60017+	1	2.62180+	1	3.12721+	1	2.62639+	1	3.80270+	1	57	3	18	2851
2.63267+	1	4.98753+	1	2.64111+	1	6.47073+	1	2.64391+	1	6.81915+	1	57	3	18	2852
2.64480+	1	6.89894+	1	2.64607+	1	6.97046+	1	2.64800+	1	7.01925+	1	57	3	18	2853
2.64993+	1	7.00949+	1	2.65209+	1	6.93039+	1	2.65400+	1	6.79174+	1	57	3	18	2854
2.65489+	1	6.72729+	1	2.65949+	1	6.19406+	1	2.66529+	1	5.30968+	1	57	3	18	2855
2.66884+	1	4.74087+	1	2.67156+	1	4.31904+	1	2.67400+	1	3.96407+	1	57	3	18	2856
2.67644+	1	3.63696+	1	2.67916+	1	3.30908+	1	2.68271+	1	2.94495+	1	57	3	18	2857
2.69337+	1	2.26027+	1	2.69671+	1	2.15626+	1	2.69938+	1	2.10128+	1	57	3	18	2858
2.70000+	1	2.09531+	1	2.70792+	1	2.01894+	1	2.71076+	1	1.99805+	1	57	3	18	2859
2.71294+	1	1.97673+	1	2.71380+	1	1.96596+	1	2.71490+	1	1.95210+	1	57	3	18	2860
2.71686+	1	1.92164+	1	2.71904+	1	1.88088+	1	2.72188+	1	1.82263+	1	57	3	18	2861
2.73042+	1	1.64639+	1	2.73678+	1	1.63772+	1	2.73680+	1	1.63869+	1	57	3	18	2862
2.74140+	1	1.85217+	1	2.74503+	1	2.02078+	1	2.74706+	1	2.21383+	1	57	3	18	2863
2.74911+	1	2.45690+	1	2.75746+	1	3.96591+	1	2.75980+	1	4.54772+	1	57	3	18	2864
2.76390+	1	5.56685+	1	2.77254+	1	7.55989+	1	2.77541+	1	7.97357+	1	57	3	18	2865
2.77762+	1	8.16248+	1	2.77960+	1	8.22575+	1	2.78158+	1	8.18713+	1	57	3	18	2866
2.78280+	1	8.09872+	1	2.78379+	1	8.02727+	1	2.78666+	1	7.65318+	1	57	3	18	2867
2.79426+	1	6.06361+	1	2.80190+	1	4.35133+	1	2.80479+	1	3.83576+	1	57	3	18	2868
2.80570+	1	3.70233+	1	2.80701+	1	3.50996+	1	2.80900+	1	3.27265+	1	57	3	18	2869
2.81099+	1	3.08600+	1	2.81321+	1	2.93396+	1	2.81610+	1	2.81394+	1	57	3	18	2870
2.82202+	1	2.76508+	1	2.82797+	1	2.82582+	1	2.82870+	1	2.83000+	1	57	3	18	2871
2.83087+	1	2.84247+	1	2.83310+	1	2.83621+	1	2.83510+	1	2.81261+	1	57	3	18	2872
2.83710+	1	2.77036+	1	2.83933+	1	2.69850+	1	2.84223+	1	2.57674+	1	57	3	18	2873
2.84250+	1	2.56097+	1	2.85096+	1	2.11109+	1	2.85170+	1	2.06873+	1	57	3	18	2874
2.85299+	1	1.98835+	1	2.85504+	1	1.86515+	1	2.86383+	1	1.42172+	1	57	3	18	2875
2.86674+	1	1.30812+	1	2.86899+	1	1.22999+	1	2.87100+	1	1.16539+	1	57	3	18	2876
2.87301+	1	1.10488+	1	2.87470+	1	1.05680+	1	2.87526+	1	1.04099+	1	57	3	18	2877
2.87817+	1	9.62224+	0	2.88696+	1	7.48295+	0	2.89350+	1	6.17216+	0	57	3	18	2878



2.89770+	1	5.58759+	0	2.90199+	1	4.99093+	0	2.91387+	1	4.23061+	0	57	3	18	2879
2.91733+	1	4.17910+	0	2.92070+	1	4.21084+	0	2.92084+	1	4.21214+	0	57	3	18	2880
2.93291+	1	5.32201+	0	2.94154+	1	7.59823+	0	2.94370+	1	8.44158+	0	57	3	18	2881
2.94818+	1	1.01020+	1	2.95711+	1	1.33086+	1	2.96008+	1	1.39614+	1	57	3	18	2882
2.96236+	1	1.42345+	1	2.96440+	1	1.42912+	1	2.96644+	1	1.41651+	1	57	3	18	2883
2.96670+	1	1.41257+	1	2.96872+	1	1.38384+	1	2.97164+	1	1.31205+	1	57	3	18	2884
2.98062+	1	9.72825+	0	2.98726+	1	7.14813+	0	2.98970+	1	6.52359+	0	57	3	18	2885
2.99589+	1	4.87856+	0	3.00000+	1	4.58251+	0	3.00796+	1	4.11719+	0	57	3	18	2886
3.01133+	1	4.30689+	0	3.01475+	1	4.66705+	0	3.02290+	1	6.72663+	0	57	3	18	2887
3.02701+	1	7.86348+	0	3.03578+	1	1.26271+	1	3.04253+	1	1.76247+	1	57	3	18	2888
3.04570+	1	2.22507+	1	3.05160+	1	2.56111+	1	3.05461+	1	2.73861+	1	57	3	18	2889
3.05692+	1	2.91469+	1	3.05900+	1	3.06677+	1	3.06108+	1	3.21314+	1	57	3	18	2890
3.06339+	1	3.36940+	1	3.06640+	1	3.56009+	1	3.06860+	1	3.67711+	1	57	3	18	2891
3.07247+	1	3.88339+	1	3.07770+	1	4.03577+	1	3.07856+	1	4.06092+	1	57	3	18	2892
3.08159+	1	4.06153+	1	3.08392+	1	4.01249+	1	3.08600+	1	3.92940+	1	57	3	18	2893
3.08808+	1	3.80909+	1	3.09041+	1	3.63304+	1	3.09140+	1	3.53954+	1	57	3	18	2894
3.09344+	1	3.31047+	1	3.09600+	1	2.96476+	1	3.10255+	1	2.13335+	1	57	3	18	2895
3.10933+	1	1.33273+	1	3.10970+	1	1.30270+	1	3.11430+	1	9.60387+	0	57	3	18	2896
3.11813+	1	6.99651+	0	3.13045+	1	4.24834+	0	3.13710+	1	4.72793+	0	57	3	18	2897
3.14592+	1	5.50510+	0	3.16000+	1	1.17592+	1	3.16164+	1	1.24764+	1	57	3	18	2898
3.16910+	1	2.42522+	1	3.17425+	1	3.26069+	1	3.18290+	1	6.29449+	1	57	3	18	2899
3.18322+	1	6.40518+	1	3.18740+	1	8.38723+	1	3.19013+	1	9.68172+	1	57	3	18	2900
3.19660+	1	1.25435+	2	3.19942+	1	1.37908+	2	3.20250+	1	1.46376+	2	57	3	18	2901
3.20487+	1	1.50127+	2	3.20570+	1	1.50560+	2	3.20700+	1	1.51238+	2	57	3	18	2902
3.20913+	1	1.50166+	2	3.21150+	1	1.46457+	2	3.21458+	1	1.38046+	2	57	3	18	2903
3.21940+	1	1.16813+	2	3.22387+	1	9.71236+	1	3.22860+	1	7.47783+	1	57	3	18	2904
3.23078+	1	6.42245+	1	3.23975+	1	3.23308+	1	3.25140+	1	1.28728+	1	57	3	18	2905
3.25231+	1	1.14451+	1	3.27098+	1	4.59519+	0	3.27430+	1	4.29271+	0	57	3	18	2906
3.27870+	1	3.97862+	0	3.28659+	1	3.93395+	0	3.29710+	1	5.67220+	0	57	3	18	2907
3.30568+	1	7.43193+	0	3.31852+	1	2.04126+	1	3.32000+	1	2.40447+	1	57	3	18	2908
3.32769+	1	4.31185+	1	3.33475+	1	6.84369+	1	3.34425+	1	1.01552+	2	57	3	18	2909
3.34740+	1	1.08678+	2	3.34983+	1	1.11998+	2	3.35200+	1	1.13197+	2	57	3	18	2910
3.35417+	1	1.12516+	2	3.35660+	1	1.09777+	2	3.35975+	1	1.03417+	2	57	3	18	2911
3.36110+	1	9.90611+	1	3.36925+	1	7.27589+	1	3.37490+	1	5.43237+	1	57	3	18	2912
3.37631+	1	4.97230+	1	3.38548+	1	3.12378+	1	3.38860+	1	3.01384+	1	57	3	18	2913
3.39423+	1	2.81513+	1	3.40310+	1	3.93970+	1	3.41140+	1	6.49907+	1	57	3	18	2914
3.41238+	1	6.80186+	1	3.41954+	1	9.98988+	1	3.42915+	1	1.41860+	2	57	3	18	2915
3.43234+	1	1.51456+	2	3.43470+	1	1.55444+	2	3.43480+	1	1.56463+	2	57	3	18	2916
3.43700+	1	1.59033+	2	3.43970+	1	1.59778+	2	3.44166+	1	1.58580+	2	57	3	18	2917
3.44340+	1	1.56240+	2	3.44485+	1	1.62886+	2	3.44800+	1	1.74676+	2	57	3	18	2918
3.45260+	1	1.70077+	2	3.45446+	1	1.66377+	2	3.45710+	1	1.63204+	2	57	3	18	2919
3.46092+	1	1.54082+	2	3.46170+	1	1.53598+	2	3.46630+	1	1.42569+	2	57	3	18	2920
3.46742+	1	1.40998+	2	3.47090+	1	1.43790+	2	3.47540+	1	1.51758+	2	57	3	18	2921
3.47710+	1	1.55298+	2	3.48031+	1	1.66317+	2	3.48278+	1	1.75958+	2	57	3	18	2922
3.48460+	1	1.83718+	2	3.48500+	1	1.85625+	2	3.48722+	1	1.96992+	2	57	3	18	2923
3.48910+	1	2.07563+	2	3.48969+	1	2.10863+	2	3.49290+	1	2.30243+	2	57	3	18	2924
3.50181+	1	2.90974+	2	3.50290+	1	2.97631+	2	3.501076+	1	3.45609+	2	57	3	18	2925
3.51399+	1	3.57152+	2	3.51647+	1	3.51425+	2	3.51870+	1	3.61434+	2	57	3	18	2926
3.52093+	1	3.57681+	2	3.52150+	1	3.56095+	2	3.52325+	1	3.49785+	2	57	3	18	2927
3.52570+	1	3.34256+	2	3.53000+	1	3.06985+	2	3.53675+	1	2.46300+	2	57	3	18	2928
3.54428+	1	1.78041+	2	3.54860+	1	1.48803+	2	3.55407+	1	1.11296+	2	57	3	18	2929
3.56409+	1	7.19013+	1	3.57140+	1	6.01230+	1	3.58639+	1	3.59822+	1	57	3	18	2930
3.59430+	1	3.12558+	1	3.60820+	1	2.29544+	1	3.62497+	1	1.78861+	1	57	3	18	2931
3.64000+	1	1.50834+	1	3.65503+	1	1.31782+	1	3.66290+	1	1.24856+	1	57	3	18	2932
3.67180+	1	1.13468+	1	3.68570+	1	1.00320+	1	3.69361+	1	9.39527+	0	57	3	18	2933
3.69500+	1	9.30679+	0	3.69679+	1	9.22077+	0	3.70860+	1	8.61911+	0	57	3	18	2934
3.71820+	1	9.02494+	0	3.73140+	1	9.78712+	0	3.73497+	1	9.87212+	0	57	3	18	2935
3.75000+	1	1.03795+	1	3.75470+	1	1.06140+	1	3.76503+	1	1.09420+	1	57	3	18	2936
3.77710+	1	1.21388+	1	3.78180+	1	1.25497+	1	3.80000+	1	1.79494+	1	57	3	18	2937
3.80361+	1	1.19021+	1	3.81646+	1	2.46787+	1	3.81927+	1	2.56005+	1	57	3	18	2938
3.82290+	1	2.65706+	1	3.82363+	1	2.67634+	1	3.82699+	1	2.72503+	1	57	3	18	2939
3.83000+	1	2.73554+	1	3.83301+	1	2.71375+	1	3.83637+	1	2.65266+	1	57	3	18	2940
3.84073+	1	2.52234+	1	3.84570+	1	2.30371+	1	3.85388+	1	1.91756+	1	57	3	18	2941
3.86366+	1	1.48816+	1	3.86860+	1	1.37611+	1	3.87637+	1	1.16866+	1	57	3	18	2942
3.89140+	1	1.47413+	1	3.89225+	1	1.48945+	1	3.90469+	1	3.18071+	1	57	3	18	2943
3.91430+	1	6.22440+	1	3.91464+	1	6.33374+	1	3.92230+	1	9.82509+	1	57	3	18	2944
3.92340+	1	1.03004+	2	3.92800+	1	1.28121+	2	3.93260+	1	1.48218+	2	57	3	18	2945
3.93601+	1	1.57667+	2	3.93710+	1	1.59439+	2	3.93864+	1	1.61459+	2	57	3	18	2946
3.94100+	1	1.63377+	2	3.94376+	1	1.62446+	2	3.94599+	1	1.58717+	2	57	3	18	2947
3.94940+	1	1.50063+	2	3.95090+	1	1.43970+	2	3.95970+	1	1.08225+	2	57	3	18	2948
3.96000+	1	1.06935+	2	3.96542+	1	8.36343+	1	3.96910+	1	7.06594+	1	57	3	18	2949

3.97118+ 1 6.33258+ 1 3.98154+ 1 4.10697+ 1 3.98290+ 1 3.94276+ 1 57 3 18 2950  
3.98498+ 1 3.69058+ 1 3.98763+ 1 3.43852+ 1 3.99000+ 1 3.24889+ 1 57 3 18 2951  
3.99237+ 1 3.98359+ 1 3.99502+ 1 2.91896+ 1 3.99660+ 1 2.83010+ 1 57 3 18 2952  
3.99846+ 1 2.71108+ 1 4.00882+ 1 2.16193+ 1 3.1652+ 1 1.92809+ 1 57 3 18 2953  
4.01940+ 1 1.91278+ 1 4.02167+ 1 1.93175+ 1 4.02687+ 1 2.08173+ 1 57 3 18 2954  
4.03464+ 1 2.46018+ 1 4.04508+ 1 3.01842+ 1 4.04854+ 1 3.15003+ 1 57 3 18 2955  
4.05121+ 1 3.21904+ 1 4.05140+ 1 3.27437+ 1 4.05360+ 1 3.27441+ 1 57 3 18 2956  
4.05599+ 1 3.30548+ 1 4.05866+ 1 3.31015+ 1 4.06212+ 1 3.27297+ 1 57 3 18 2957  
4.06970+ 1 3.06266+ 1 4.07256+ 1 2.98602+ 1 4.07430+ 1 2.94088+ 1 57 3 18 2958  
4.07840+ 1 2.76723+ 1 4.08033+ 1 2.69997+ 1 4.08247+ 1 2.62348+ 1 57 3 18 2959  
4.08634+ 1 2.52124+ 1 4.09710+ 1 2.58832+ 1 4.10049+ 1 2.58600+ 1 57 3 18 2960  
4.11949+ 1 3.43374+ 1 4.12000+ 1 3.46121+ 1 4.12580+ 1 3.84082+ 1 57 3 18 2961  
4.13065+ 1 4.13187+ 1 4.13500+ 1 4.35978+ 1 4.13935+ 1 4.55190+ 1 57 3 18 2962  
4.14290+ 1 4.67936+ 1 4.14420+ 1 4.72611+ 1 4.15042+ 1 4.90558+ 1 57 3 18 2963  
4.15388+ 1 4.99922+ 1 4.15658+ 1 5.07437+ 1 4.15660+ 1 5.07448+ 1 57 3 18 2964  
4.15900+ 1 5.12261+ 1 4.16142+ 1 5.17684+ 1 4.16412+ 1 5.24517+ 1 57 3 18 2965  
4.16570+ 1 5.28956+ 1 4.16763+ 1 5.36329+ 1 4.17313+ 1 5.57427+ 1 57 3 18 2966  
4.17864+ 1 5.73608+ 1 4.17940+ 1 5.74612+ 1 4.18216+ 1 5.83735+ 1 57 3 18 2967  
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4.20511+ 1 5.05898+ 1 4.21140+ 1 4.61036+ 1 4.21430+ 1 4.39388+ 1 57 3 18 2970  
4.21784+ 1 4.15281+ 1 4.22056+ 1 3.97046+ 1 4.22300+ 1 3.80603+ 1 57 3 18 2971  
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4.30290+ 1 1.32394+ 1 4.30425+ 1 1.32497+ 1 4.31214+ 1 1.56965+ 1 57 3 18 2979  
4.32018+ 1 2.02785+ 1 4.32110+ 1 2.08493+ 1 4.33030+ 1 2.74612+ 1 57 3 18 2980  
4.33098+ 1 2.79503+ 1 4.33457+ 1 2.98511+ 1 4.33733+ 1 3.09122+ 1 57 3 18 2981  
4.33980+ 1 2.15386+ 1 4.34227+ 1 3.18593+ 1 4.34503+ 1 3.18852+ 1 57 3 18 2982  
4.34860+ 1 3.14982+ 1 4.34862+ 1 3.14961+ 1 4.35942+ 1 2.95099+ 1 57 3 18 2983  
4.36483+ 1 2.94177+ 1 4.36690+ 1 2.98337+ 1 4.37020+ 1 3.00622+ 1 57 3 18 2984  
4.38060+ 1 3.32838+ 1 4.38113+ 1 3.36038+ 1 4.38474+ 1 3.58890+ 1 57 3 18 2985  
4.38751+ 1 3.74693+ 1 4.39000+ 1 3.86551+ 1 4.39249+ 1 3.95929+ 1 57 3 18 2986  
4.39350+ 1 3.98977+ 1 4.39451+ 1 4.01571+ 1 4.39700+ 1 4.06010+ 1 57 3 18 2987  
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4.40588+ 1 4.00055+ 1 4.41675+ 1 3.74144+ 1 4.41710+ 1 3.74512+ 1 57 3 18 2989  
4.42484+ 1 3.78000+ 1 4.42839+ 1 3.92375+ 1 4.43196+ 1 4.15247+ 1 57 3 18 2990  
4.44000+ 1 4.92208+ 1 4.44011+ 1 4.93190+ 1 4.45106+ 1 6.11029+ 1 57 3 18 2991  
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4.48394+ 1 5.70963+ 1 4.48570+ 1 5.55339+ 1 4.48977+ 1 5.19903+ 1 57 3 18 2995  
4.49500+ 1 4.75184+ 1 4.50023+ 1 4.32386+ 1 4.50606+ 1 3.86966+ 1 57 3 18 2996  
4.50860+ 1 3.68310+ 1 4.51365+ 1 3.29379+ 1 4.53140+ 1 2.22191+ 1 57 3 18 2997  
4.53649+ 1 1.93016+ 1 4.55154+ 1 1.62550+ 1 4.55430+ 1 1.63007+ 1 57 3 18 2998  
4.55884+ 1 1.63241+ 1 4.56994+ 1 1.69694+ 1 4.57363+ 1 1.70288+ 1 57 3 18 2999  
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4.58154+ 1 1.64408+ 1 4.58437+ 1 1.59645+ 1 4.58806+ 1 1.51597+ 1 57 3 18 3001  
4.59916+ 1 1.20277+ 1 4.60000+ 1 1.18034+ 1 4.60741+ 1 9.74481+ 0 57 3 18 3002  
4.61810+ 1 8.31790+ 0 4.61813+ 1 8.31550+ 0 4.62873+ 1 1.01248+ 1 57 3 18 3003  
4.63630+ 1 1.41518+ 1 4.63944+ 1 1.58216+ 1 4.65028+ 1 2.73258+ 1 57 3 18 3004  
4.65440+ 1 3.38215+ 1 4.65863+ 1 4.03120+ 1 4.66984+ 1 6.06690+ 1 57 3 18 3005  
4.67260+ 1 6.54290+ 1 4.67357+ 1 6.70990+ 1 4.67643+ 1 7.15775+ 1 57 3 18 3006  
4.67900+ 1 7.51124+ 1 4.68157+ 1 7.80959+ 1 4.68443+ 1 8.06728+ 1 57 3 18 3007  
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4.70367+ 1 7.38689+ 1 4.70655+ 1 6.96097+ 1 4.71028+ 1 6.33044+ 1 57 3 18 3010  
4.72152+ 1 4.25465+ 1 4.72700+ 1 3.38428+ 1 4.72989+ 1 2.93638+ 1 57 3 18 3011  
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4.75695+ 1 1.75172+ 1 4.76330+ 1 2.71905+ 1 4.76792+ 1 2.54693+ 1 57 3 18 3013  
4.77410+ 1 3.29045+ 1 4.77677+ 1 3.50927+ 1 4.78773+ 1 4.82636+ 1 57 3 18 3014  
4.78870+ 1 4.92752+ 1 4.79150+ 1 5.27070+ 1 4.79440+ 1 5.58688+ 1 57 3 18 3015  
4.79590+ 1 5.73007+ 1 4.79700+ 1 5.83507+ 1 4.79960+ 1 6.04798+ 1 57 3 18 3016  
4.80250+ 1 6.24141+ 1 4.80627+ 1 6.42520+ 1 4.80680+ 1 6.43669+ 1 57 3 18 3017  
4.81347+ 1 6.58131+ 1 4.81770+ 1 6.54130+ 1 4.82070+ 1 6.51293+ 1 57 3 18 3018  
4.82448+ 1 6.39512+ 1 4.82739+ 1 6.26798+ 1 4.82860+ 1 6.20369+ 1 57 3 18 3019

4.83000+	1	6.12930+	1	4.83261+	1	5.97020+	1	4.83552+	1	5.77387+	1	57	3	18	3020
4.83930+	1	5.50238+	1	4.83950+	1	5.49008+	1	4.85070+	1	4.80129+	1	57	3	18	3021
4.85400+	1	4.70000+	1	4.85494+	1	4.67115+	1	4.85919+	1	4.63392+	1	57	3	18	3022
4.86120+	1	4.67164+	1	4.86850+	1	4.80875+	1	4.87065+	1	4.84913+	1	57	3	18	3023
4.87445+	1	4.92597+	1	4.87738+	1	4.95232+	1	4.88000+	1	4.94372+	1	57	3	18	3024
4.88262+	1	4.89847+	1	4.88555+	1	4.80258+	1	4.88660+	1	4.74941+	1	57	3	18	3025
4.88935+	1	4.61016+	1	4.88999+	1	4.57127+	1	4.89063+	1	4.53063+	1	57	3	18	3026
4.89340+	1	4.33359+	1	4.89444+	1	4.25961+	1	4.89737+	1	4.03005+	1	57	3	18	3027
4.90000+	1	3.82096+	1	4.90110+	1	3.73626+	1	4.90263+	1	3.65873+	1	57	3	18	3028
4.90556+	1	3.52868+	1	4.90937+	1	3.40367+	1	4.91200+	1	3.40913+	1	57	3	18	3029
4.91930+	1	3.23275+	1	4.92085+	1	3.16470+	1	4.92086+	1	3.16460+	1	57	3	18	3030
4.92086+	1	3.16450+	1	4.93239+	1	3.05564+	1	4.93380+	1	3.03747+	1	57	3	18	3031
4.93622+	1	3.05403+	1	4.93916+	1	3.04593+	1	4.94180+	1	3.01203+	1	57	3	18	3032
4.94444+	1	2.95058+	1	4.94738+	1	2.84944+	1	4.95121+	1	2.67180+	1	57	3	18	3033
4.95560+	1	2.40688+	1	4.96274+	1	2.11738+	1	4.96640+	1	2.00617+	1	57	3	18	3034
4.97132+	1	1.75927+	1	4.97618+	1	1.62163+	1	4.97730+	1	1.61173+	1	57	3	18	3035
4.98108+	1	1.53394+	1	4.98971+	1	1.57954+	1	4.99550+	1	1.78590+	1	57	3	18	3036
5.00132+	1	2.06208+	1	5.00518+	1	2.31215+	1	5.00814+	1	2.52477+	1	57	3	18	3037
5.01080+	1	2.73036+	1	5.01346+	1	2.95039+	1	5.01642+	1	3.21291+	1	57	3	18	3038
5.01720+	1	3.28680+	1	5.02028+	1	3.57893+	1	5.02867+	1	4.43118+	1	57	3	18	3039
5.03709+	1	5.20641+	1	5.04096+	1	5.46546+	1	5.04393+	1	5.60317+	1	57	3	18	3040
5.04660+	1	5.67578+	1	5.04927+	1	5.70616+	1	5.05224+	1	5.67993+	1	57	3	18	3041
5.05611+	1	5.57299+	1	5.06082+	1	5.37157+	1	5.06651+	1	5.11930+	1	57	3	18	3042
5.07118+	1	4.99782+	1	5.07478+	1	5.00901+	1	5.07800+	1	5.12456+	1	57	3	18	3043
5.08122+	1	5.35946+	1	5.08482+	1	5.77919+	1	5.08949+	1	6.59140+	1	57	3	18	3044
5.10357+	1	1.06587+	2	5.10461+	1	1.10184+	2	5.10547+	1	1.13198+	2	57	3	18	3045
5.11721+	1	1.50133+	2	5.12111+	1	1.58137+	2	5.12411+	1	1.62030+	2	57	3	18	3046
5.12680+	1	1.63680+	2	5.12949+	1	1.63542+	2	5.13249+	1	1.61351+	2	57	3	18	3047
5.13639+	1	1.55566+	2	5.14487+	1	1.34707+	2	5.15338+	1	1.09627+	2	57	3	18	3048
5.15729+	1	9.89483+	1	5.16030+	1	9.16027+	1	5.16300+	1	8.58100+	1	57	3	18	3049
5.16570+	1	8.08422+	1	5.16871+	1	7.63276+	1	5.17262+	1	7.21268+	1	57	3	18	3050
5.18050+	1	7.10727+	1	5.18440+	1	7.05507+	1	5.18852+	1	7.35083+	1	57	3	18	3051
5.19395+	1	7.95028+	1	5.20945+	1	1.01052+	2	5.21459+	1	1.06093+	2	57	3	18	3052
5.21855+	1	1.08181+	2	5.22210+	1	1.08488+	2	5.22565+	1	1.07234+	2	57	3	18	3053
5.22961+	1	1.04030+	2	5.23475+	1	9.73293+	1	5.25025+	1	6.74832+	1	57	3	18	3054
5.25310+	1	6.21610+	1	5.26179+	1	4.59329+	1	5.27120+	1	3.42795+	1	57	3	18	3055
5.27676+	1	2.73939+	1	5.29072+	1	1.93429+	1	5.30152+	1	1.79106+	1	57	3	18	3056
5.31310+	1	2.04564+	1	5.32203+	1	2.45900+	1	5.32560+	1	2.62719+	1	57	3	18	3057
5.33401+	1	3.02341+	1	5.33799+	1	3.13627+	1	5.34106+	1	3.18084+	1	57	3	18	3058
5.34380+	1	3.18612+	1	5.34654+	1	3.20110+	1	5.34961+	1	3.17938+	1	57	3	18	3059
5.35359+	1	3.09705+	1	5.36190+	1	2.77774+	1	5.36557+	1	2.59296+	1	57	3	18	3060
5.37450+	1	2.16784+	1	5.37839+	1	2.03644+	1	5.38000+	1	1.99908+	1	57	3	18	3061
5.38231+	1	1.91193+	1	5.39128+	1	1.71911+	1	5.40000+	1	1.66799+	1	57	3	18	3062
5.40335+	1	1.65772+	1	5.40736+	1	1.65032+	1	5.41044+	1	1.63693+	1	57	3	18	3063
5.41320+	1	1.61712+	1	5.41596+	1	1.58909+	1	5.41810+	1	1.56063+	1	57	3	18	3064
5.41904+	1	1.55554+	1	5.42305+	1	1.52416+	1	5.43512+	1	1.40258+	1	57	3	18	3065
5.43630+	1	1.40515+	1	5.44409+	1	1.42206+	1	5.45440+	1	1.82746+	1	57	3	18	3066
5.45575+	1	1.88056+	1	5.45960+	1	2.20871+	1	5.46349+	1	2.65781+	1	57	3	18	3067
5.47260+	1	4.35344+	1	5.47524+	1	4.84471+	1	5.48430+	1	7.24982+	1	57	3	18	3068
5.49070+	1	8.89106+	1	5.49647+	1	1.03689+	2	5.50051+	1	1.10513+	2	57	3	18	3069
5.50362+	1	1.13866+	2	5.50640+	1	1.15281+	2	5.50880+	1	1.15200+	2	57	3	18	3070
5.50918+	1	1.15187+	2	5.51229+	1	1.13372+	2	5.51633+	1	1.08646+	2	57	3	18	3071
5.52700+	1	8.86580+	1	5.52850+	1	8.58410+	1	5.53756+	1	7.16436+	1	57	3	18	3072
5.54506+	1	6.78334+	1	5.54510+	1	6.78590+	1	5.55262+	1	7.26632+	1	57	3	18	3073
5.56174+	1	8.78979+	1	5.56330+	1	9.12847+	1	5.57400+	1	1.14515+	2	57	3	18	3074
5.57807+	1	1.22280+	2	5.58120+	1	1.27338+	2	5.58140+	1	1.27605+	2	57	3	18	3075
5.58400+	1	1.31074+	2	5.58680+	1	1.34016+	2	5.58993+	1	1.36381+	2	57	3	18	3076
5.59400+	1	1.38166+	2	5.59549+	1	1.38542+	2	5.59698+	1	1.38807+	2	57	3	18	3077
5.59950+	1	1.39061+	2	5.60105+	1	1.39644+	2	5.60419+	1	1.40860+	2	57	3	18	3078
5.60700+	1	1.42291+	2	5.60981+	1	1.44295+	2	5.61295+	1	1.47462+	2	57	3	18	3079
5.61702+	1	1.53376+	2	5.61770+	1	1.54983+	2	5.62836+	1	1.80224+	2	57	3	18	3080
5.62860+	1	1.80858+	2	5.63580+	1	1.95064+	2	5.63974+	1	2.01699+	2	57	3	18	3081
5.64310+	1	2.00373+	2	5.64383+	1	2.04679+	2	5.64698+	1	2.05902+	2	57	3	18	3082
5.64980+	1	2.04591+	2	5.65262+	1	2.00894+	2	5.65577+	1	1.93991+	2	57	3	18	3083
5.65986+	1	1.81022+	2	5.66490+	1	1.58166+	2	5.67219+	1	1.27605+	2	57	3	18	3084
5.67940+	1	9.67337+	1	5.68136+	1	8.72664+	1	5.69020+	1	5.64947+	1	57	3	18	3085
5.69327+	1	4.59120+	1	5.70994+	1	1.99010+	1	5.71200+	1	1.85585+	1	57	3	18	3086
5.71453+	1	1.72243+	1	5.71917+	1	1.59315+	1	5.72650+	1	1.71359+	1	57	3	18	3087
5.73603+	1	1.90839+	1	5.74808+	1	2.85655+	1	5.75735+	1	3.95937+	1	57	3	18	3088
5.76280+	1	4.72365+	1	5.76982+	1	5.75891+	1	5.77396+	1	6.35160+	1	57	3	18	3089

5.77715+	1	6.77471+	1	5.78000+	1	7.11916+	1	9.78100+	1	7.22632+	1	57	3	18	3090
5.78285+	1	7.41177+	1	5.78604+	1	7.67136+	1	9.79018+	1	7.90419+	1	57	3	18	3091
5.79299+	1	7.98755+	1	5.79580+	1	8.00703+	1	9.79910+	1	7.93550+	1	57	3	18	3092
5.79995+	1	7.91711+	1	5.80314+	1	7.75514+	1	9.80600+	1	7.54793+	1	57	3	18	3093
5.80886+	1	7.29071+	1	5.81205+	1	6.95828+	1	9.81620+	1	6.48485+	1	57	3	18	3094
5.81720+	1	6.38456+	1	5.82870+	1	5.03209+	1	9.83170+	1	4.86502+	1	57	3	18	3095
5.83662+	1	4.70990+	1	5.83900+	1	4.77824+	1	9.84458+	1	4.92596+	1	57	3	18	3096
5.84990+	1	5.26133+	1	5.85710+	1	5.71522+	1	9.85715+	1	5.71837+	1	57	3	18	3097
5.86132+	1	5.91004+	1	5.86453+	1	5.98202+	1	9.86740+	1	5.98171+	1	57	3	18	3098
5.86800+	1	5.96742+	1	5.87027+	1	5.91337+	1	9.87348+	1	5.75634+	1	57	3	18	3099
5.87765+	1	5.43427+	1	5.88250+	1	4.86209+	1	9.89022+	1	3.97472+	1	57	3	18	3100
5.89956+	1	2.85370+	1	5.90070+	1	2.76062+	1	9.91160+	1	1.78325+	1	57	3	18	3101
5.91170+	1	1.77418+	1	5.92145+	1	1.32358+	1	9.93129+	1	1.18124+	1	57	3	18	3102
5.94354+	1	1.30764+	1	5.94420+	1	1.32590+	1	9.95297+	1	1.57041+	1	57	3	18	3103
5.96240+	1	1.95936+	1	5.96565+	1	2.09346+	1	9.96986+	1	2.30530+	1	57	3	18	3104
5.97310+	1	2.48093+	1	5.97600+	1	2.64780+	1	9.97890+	1	2.82363+	1	57	3	18	3105
5.98050+	1	2.92557+	1	5.98214+	1	3.03327+	1	9.98635+	1	3.32386+	1	57	3	18	3106
5.99736+	1	4.10939+	1	6.00841+	1	4.73634+	1	9.01264+	1	4.86750+	1	57	3	18	3107
6.01589+	1	4.91300+	1	6.01880+	1	4.90991+	1	9.02171+	1	4.86518+	1	57	3	18	3108
6.02496+	1	4.76894+	1	6.02919+	1	4.57917+	1	9.03490+	1	4.21984+	1	57	3	18	3109
6.04191+	1	3.77907+	1	6.05116+	1	3.27605+	1	9.06047+	1	3.04107+	1	57	3	18	3110
6.07326+	1	3.13001+	1	6.07751+	1	3.20726+	1	9.08077+	1	3.26381+	1	57	3	18	3111
6.08370+	1	3.30706+	1	6.08663+	1	3.33899+	1	9.08930+	1	3.35438+	1	57	3	18	3112
6.08989+	1	3.35781+	1	6.09414+	1	3.35200+	1	9.09833+	1	3.31110+	1	57	3	18	3113
6.10253+	1	3.23624+	1	6.10679+	1	3.12834+	1	9.11007+	1	3.02848+	1	57	3	18	3114
6.11300+	1	2.92787+	1	6.11593+	1	2.81970+	1	9.11921+	1	2.69262+	1	57	3	18	3115
6.12347+	1	2.52279+	1	6.12560+	1	2.43900+	1	9.12892+	1	2.30841+	1	57	3	18	3116
6.13854+	1	1.97716+	1	6.14605+	1	1.78511+	1	9.15183+	1	1.68050+	1	57	3	18	3117
6.15700+	1	1.61445+	1	6.16190+	1	1.57052+	1	9.16217+	1	1.56810+	1	57	3	18	3118
6.16795+	1	1.53255+	1	6.17350+	1	1.50693+	1	9.17905+	1	1.48613+	1	57	3	18	3119
6.18483+	1	1.46613+	1	6.19000+	1	1.44930+	1	9.19517+	1	1.43424+	1	57	3	18	3120
6.20095+	1	1.42086+	1	6.20846+	1	1.41045+	1	9.21676+	1	1.40798+	1	57	3	18	3121
6.21810+	1	1.40803+	1	6.22398+	1	1.40824+	1	9.22900+	1	1.40533+	1	57	3	18	3122
6.23050+	1	1.40446+	1	6.23551+	1	1.39619+	1	9.24000+	1	1.38268+	1	57	3	18	3123
6.24449+	1	1.36407+	1	6.24950+	1	1.33869+	1	9.25440+	1	1.31160+	1	57	3	18	3124
6.25602+	1	1.30265+	1	6.27260+	1	1.26738+	1	9.27565+	1	1.26089+	1	57	3	18	3125
6.27727+	1	1.26654+	1	6.27835+	1	1.27126+	1	9.29137+	1	1.38979+	1	57	3	18	3126
6.29570+	1	1.44998+	1	6.29902+	1	1.50474+	1	9.30200+	1	1.55853+	1	57	3	18	3127
6.30498+	1	1.61649+	1	6.30830+	1	1.68579+	1	9.31263+	1	1.78261+	1	57	3	18	3128
6.31698+	1	1.88708+	1	6.32135+	1	1.99816+	1	9.32568+	1	2.11272+	1	57	3	18	3129
6.32901+	1	2.20301+	1	6.33200+	1	2.28456+	1	9.33499+	1	2.36575+	1	57	3	18	3130
6.33832+	1	2.45483+	1	6.34265+	1	2.56500+	1	9.34421+	1	2.60243+	1	57	3	18	3131
6.34738+	1	2.67355+	1	6.35617+	1	2.82427+	1	9.36294+	1	2.87841+	1	57	3	18	3132
6.36900+	1	2.87415+	1	6.37410+	1	2.83038+	1	9.37506+	1	2.82214+	1	57	3	18	3133
6.38183+	1	2.72039+	1	6.39062+	1	2.55724+	1	9.39230+	1	2.53419+	1	57	3	18	3134
6.40320+	1	2.38465+	1	6.40976+	1	2.29465+	1	9.41410+	1	2.25410+	1	57	3	18	3135
6.41926+	1	2.20584+	1	6.42363+	1	2.14859+	1	9.42490+	1	2.12671+	1	57	3	18	3136
6.42699+	1	2.09065+	1	6.43000+	1	2.02640+	1	9.43220+	1	1.97038+	1	57	3	18	3137
6.43301+	1	1.94976+	1	6.43637+	1	1.84989+	1	9.44074+	1	1.70015+	1	57	3	18	3138
6.44310+	1	1.60763+	1	6.45389+	1	1.18562+	1	9.45400+	1	1.18156+	1	57	3	18	3139
6.46367+	1	8.40420+	0	6.46490+	1	8.11245+	0	9.47210+	1	6.40290+	0	57	3	18	3140
6.47637+	1	5.38807+	0	6.49020+	1	3.93902+	0	9.49416+	1	3.52432+	0	57	3	18	3141
6.50457+	1	3.12100+	0	6.51510+	1	3.02531+	0	9.52650+	1	3.56485+	0	57	3	18	3142
6.53309+	1	3.87663+	0	6.54470+	1	5.60458+	0	9.54594+	1	5.78884+	0	57	3	18	3143
6.55584+	1	8.00710+	0	6.56280+	1	9.56794+	0	9.56914+	1	1.09894+	1	57	3	18	3144
6.57356+	1	1.16765+	1	6.57696+	1	1.20387+	1	9.57730+	1	1.20605+	1	57	3	18	3145
6.58000+	1	1.22314+	1	6.58304+	1	1.23020+	1	9.58644+	1	1.22510+	1	57	3	18	3146
6.58820+	1	1.21614+	1	6.59086+	1	1.20258+	1	9.59910+	1	1.14701+	1	57	3	18	3147
6.60416+	1	1.11287+	1	6.61000+	1	1.10628+	1	9.61003+	1	1.10625+	1	57	3	18	3148
6.61593+	1	1.13319+	1	6.61720+	1	1.14521+	1	9.62929+	1	1.25944+	1	57	3	18	3149
6.63373+	1	1.28807+	1	6.63540+	1	1.29152+	1	9.63714+	1	1.29512+	1	57	3	18	3150
6.64020+	1	1.28770+	1	6.64326+	1	1.26611+	1	9.64630+	1	1.22958+	1	57	3	18	3151
6.64667+	1	1.22512+	1	6.65111+	1	1.14730+	1	9.65710+	1	9.97201+	0	57	3	18	3152
6.66447+	1	8.12488+	0	6.67442+	1	5.69702+	0	9.68232+	1	4.33543+	0	57	3	18	3153
6.68250+	1	4.31770+	0	6.69027+	1	3.56792+	0	9.70027+	1	3.30161+	0	57	3	18	3154
6.71372+	1	3.52454+	0	6.71819+	1	3.59869+	0	9.72162+	1	3.62701+	0	57	3	18	3155
6.72470+	1	3.62486+	0	6.72778+	1	3.59421+	0	9.73121+	1	3.52605+	0	57	3	18	3156
6.73568+	1	3.38631+	0	6.74913+	1	2.77511+	0	9.75913+	1	2.33460+	0	57	3	18	3157
6.76240+	1	2.25480+	0	6.77212+	1	2.01716+	0	9.78050+	1	2.02514+	0	57	3	18	3158
6.78409+	1	2.02856+	0	6.79616+	1	2.34041+	0	9.80926+	1	3.07369+	0	57	3	18	3159



7.89578+	1	7.29088+	0	7.90880+	1	7.58666+	0	7.91558+	1	7.83280+	0	57	3	18	3230
7.92700+	1	1.02231+	1	7.92972+	1	1.06291+	1	7.94061+	1	1.35724+	1	57	3	18	3231
7.94510+	1	1.47722+	1	7.95525+	1	1.86861+	1	7.96011+	1	2.00192+	1	57	3	18	3232
7.96385+	1	2.07498+	1	7.96720+	1	2.11703+	1	7.97055+	1	2.13732+	1	57	3	18	3233
7.97429+	1	2.13662+	1	7.97915+	1	2.10657+	1	7.98140+	1	2.08482+	1	57	3	18	3234
7.99379+	1	2.12392+	1	7.99950+	1	2.19281+	1	8.00138+	1	2.19139+	1	57	3	18	3235
8.00680+	1	2.24425+	1	8.00900+	1	2.23750+	1	8.02370+	1	2.30156+	1	57	3	18	3236
8.02490+	1	2.29998+	1	8.02858+	1	2.34229+	1	8.03234+	1	2.35875+	1	57	3	18	3237
8.03570+	1	2.34936+	1	8.03906+	1	2.31524+	1	8.04282+	1	2.24870+	1	57	3	18	3238
8.04670+	1	2.14540+	1	8.04770+	1	2.12566+	1	8.06240+	1	1.65856+	1	57	3	18	3239
8.07334+	1	1.32685+	1	8.07570+	1	1.30193+	1	8.08660+	1	1.12157+	1	57	3	18	3240
8.08754+	1	1.10425+	1	8.08937+	1	1.10177+	1	8.09121+	1	1.10701+	1	57	3	18	3241
8.09750+	1	1.23774+	1	8.10551+	1	1.37481+	1	8.10840+	1	1.48755+	1	57	3	18	3242
8.11652+	1	1.79329+	1	8.13132+	1	2.36171+	1	8.13380+	1	2.41551+	1	57	3	18	3243
8.13623+	1	2.48263+	1	8.14001+	1	2.54143+	1	8.14340+	1	2.55584+	1	57	3	18	3244
8.14679+	1	2.53297+	1	8.15057+	1	2.46452+	1	8.15190+	1	2.42377+	1	57	3	18	3245
8.15548+	1	2.31429+	1	8.16280+	1	1.96128+	1	8.17028+	1	1.66216+	1	57	3	18	3246
8.18100+	1	1.20669+	1	8.18129+	1	1.19184+	1	8.19559+	1	6.75436+	0	57	3	18	3247
8.20000+	1	5.71719+	0	8.20001+	1	4.21719+	0	8.20008+	1	2.44055+	1	57	3	18	3248
1.15690+	2	2.18212+	1	1.48550+	2	2.15373+	1	1.90740+	2	1.97466+	1	57	3	18	3249
2.45000+	2	2.32546+	1	3.00000+	2	1.48996+	1	3.50000+	2	1.33750+	1	57	3	18	3250
4.00000+	2	1.22931+	1	4.50000+	2	1.37890+	1	5.00000+	2	1.52808+	1	57	3	18	3251
5.60000+	2	1.53932+	1	6.20000+	2	1.18106+	1	7.50000+	2	1.13219+	1	57	3	18	3252
8.00000+	2	1.07214+	1	8.30000+	2	8.69490+	0	9.00000+	2	7.83952+	0	57	3	18	3253
1.00000+	3	7.84719+	0	1.10000+	3	8.71628+	0	1.50000+	3	7.76206+	0	57	3	18	3254
1.80000+	3	6.92993+	0	2.00000+	3	6.32745+	0	2.50000+	3	5.63691+	0	57	3	18	3255
3.00000+	3	5.20953+	0	3.50000+	3	5.06546+	0	3.80000+	3	4.97888+	0	57	3	18	3256
4.50000+	3	4.55266+	0	5.00000+	3	4.25389+	0	5.50000+	3	4.11659+	0	57	3	18	3257
6.00000+	3	3.94824+	0	6.50000+	3	3.64861+	0	7.00000+	3	3.51016+	0	57	3	18	3258
7.50000+	3	3.49306+	0	8.00000+	3	3.37471+	0	8.50000+	3	3.14494+	0	57	3	18	3259
9.00000+	3	3.11729+	0	9.50000+	3	3.49710+	0	1.00000+	4	3.26580+	0	57	3	18	3260
1.25000+	4	3.00279+	0	1.30000+	4	3.01509+	0	1.32000+	4	3.02001+	0	57	3	18	3261
1.42000+	4	3.04460+	0	1.48000+	4	3.05936+	0	1.50000+	4	3.06428+	0	57	3	18	3262
1.61000+	4	2.72593+	0	1.63000+	4	2.66441+	0	1.65000+	4	2.60289+	0	57	3	18	3263
1.85000+	4	2.81333+	0	2.05000+	4	2.33038+	0	2.20000+	4	2.72154+	0	57	3	18	3264
2.25000+	4	2.65141+	0	2.33000+	4	2.53921+	0	2.35000+	4	2.51116+	0	57	3	18	3265
2.37000+	4	2.50595+	0	2.43000+	4	2.49031+	0	2.46000+	4	2.48249+	0	57	3	18	3266
2.50000+	4	2.47207+	0	2.50000+	4	2.28280+	0	2.53000+	4	2.27000+	0	57	3	18	3267
2.57000+	4	2.15000+	0	2.62000+	4	2.35000+	0	2.65000+	4	2.20000+	0	57	3	18	3268
2.72000+	4	2.25000+	0	2.75000+	4	2.36000+	0	2.83000+	4	2.37000+	0	57	3	18	3269
2.88000+	4	2.60000+	0	2.93000+	4	2.10000+	0	2.98000+	4	2.25000+	0	57	3	18	3270
3.00000+	4	2.26100+	0	3.11000+	4	2.32000+	0	3.13000+	4	2.50000+	0	57	3	18	3271
3.18000+	4	2.25000+	0	3.21000+	4	2.26000+	0	3.25000+	4	2.13000+	0	57	3	18	3272
3.28000+	4	2.21000+	0	3.42000+	4	2.20000+	0	3.45000+	4	2.15000+	0	57	3	18	3273
3.50000+	4	2.23000+	0	3.62000+	4	2.19000+	0	3.65000+	4	2.12000+	0	57	3	18	3274
3.70000+	4	2.18000+	0	3.79000+	4	2.05000+	0	3.81000+	4	2.22000+	0	57	3	18	3275
3.91000+	4	2.18000+	0	3.94000+	4	2.12000+	0	3.98000+	4	2.24060+	0	57	3	18	3276
4.04000+	4	2.32000+	0	4.10000+	4	2.16000+	0	4.15000+	4	2.00000+	0	57	3	18	3277
4.20000+	4	2.09000+	0	4.30000+	4	2.05000+	0	4.33000+	4	1.96000+	0	57	3	18	3278
4.38000+	4	2.02000+	0	4.43000+	4	2.01000+	0	4.48000+	4	1.94000+	0	57	3	18	3279
4.50000+	4	1.90490+	0	4.52000+	4	1.87000+	0	4.54000+	4	1.96000+	0	57	3	18	3280
4.50000+	4	1.97000+	0	4.62000+	4	2.03000+	0	4.65000+	4	2.05000+	0	57	3	18	3281
4.68000+	4	1.89000+	0	4.73000+	4	2.02000+	0	4.76000+	4	1.96000+	0	57	3	18	3282
4.82000+	4	1.98000+	0	4.84000+	4	2.04000+	0	4.88000+	4	2.05000+	0	57	3	18	3283
4.90000+	4	2.02000+	0	5.00000+	4	2.00330+	0	5.02000+	4	2.00000+	0	57	3	18	3284
5.06000+	4	1.93000+	0	5.09000+	4	2.04000+	0	5.12000+	4	2.02000+	0	57	3	18	3285
5.15000+	4	1.96000+	0	5.22000+	4	2.08000+	0	5.25000+	4	1.98000+	0	57	3	18	3286
5.35000+	4	2.02000+	0	5.39000+	4	1.98000+	0	5.42000+	4	1.91000+	0	57	3	18	3287
5.46000+	4	1.92000+	0	5.50000+	4	2.00000+	0	5.53000+	4	1.95000+	0	57	3	18	3288
5.57000+	4	1.94000+	0	5.61000+	4	1.91000+	0	5.67000+	4	1.98000+	0	57	3	18	3289
5.71000+	4	1.98000+	0	5.76000+	4	2.02000+	0	5.79000+	4	1.94000+	0	57	3	18	3290
5.83000+	4	1.92000+	0	5.87000+	4	1.86000+	0	5.91000+	4	1.96000+	0	57	3	18	3291
5.92000+	4	2.07000+	0	5.98000+	4	2.04000+	0	6.00000+	4	1.99590+	0	57	3	18	3292
6.03000+	4	1.93000+	0	6.12000+	4	1.96000+	0	6.15000+	4	1.90000+	0	57	3	18	3293
6.20000+	4	1.95000+	0	6.25000+	4	1.94000+	0	6.29000+	4	1.85000+	0	57	3	18	3294
6.32000+	4	1.78000+	0	6.42000+	4	1.77000+	0	6.47000+	4	1.87000+	0	57	3	18	3295
6.50000+	4	1.89250+	0	6.51000+	4	1.90000+	0	6.61000+	4	1.90000+	0	57	3	18	3296
6.65000+	4	1.85000+	0	6.70000+	4	1.89000+	0	6.74000+	4	1.85000+	0	57	3	18	3297
6.80000+	4	1.84000+	0	6.83000+	4	1.89000+	0	6.87000+	4	1.85000+	0	57	3	18	3298
6.94000+	4	1.92000+	0	7.00000+	4	1.89330+	0	7.03000+	4	1.88000+	0	57	3	18	3299

7.09000+	4	1.90000+	0	7.20000+	4	1.85000+	0	1.25000+	4	1.80000+	0	57	3	18	3300
7.31000+	4	1.81000+	0	7.37000+	4	1.76000+	0	1.41000+	4	1.79000+	0	57	3	18	3301
7.48000+	4	1.87000+	0	7.50000+	4	1.86200+	0	1.53000+	4	1.85000+	0	57	3	18	3302
7.58000+	4	1.88000+	0	7.65000+	4	1.89000+	0	1.70000+	4	1.79000+	0	57	3	18	3303
7.76000+	4	1.66000+	0	7.84000+	4	1.65000+	0	1.89000+	4	1.72000+	0	57	3	18	3304
7.94000+	4	1.78000+	0	8.00000+	4	1.80000+	0	8.07000+	4	1.80000+	0	57	3	18	3305
8.20000+	4	1.78000+	0	8.27000+	4	1.76500+	0	8.33000+	4	1.74500+	0	57	3	18	3306
8.40000+	4	1.82000+	0	8.47000+	4	1.76500+	0	8.50000+	4	1.75250+	0	57	3	18	3307
8.53000+	4	1.74000+	0	8.61000+	4	1.66000+	0	8.68000+	4	1.63500+	0	57	3	18	3308
8.75000+	4	1.65000+	0	8.83000+	4	1.78000+	0	8.90000+	4	1.73000+	0	57	3	18	3309
9.00000+	4	1.71460+	0	9.03000+	4	1.71000+	0	9.12000+	4	1.66000+	0	57	3	18	3310
9.28000+	4	1.66000+	0	9.36000+	4	1.70000+	0	9.44000+	4	1.56000+	0	57	3	18	3311
9.50000+	4	1.71770+	0	9.52000+	4	1.77000+	0	9.60000+	4	1.74500+	0	57	3	18	3312
9.68000+	4	1.67000+	0	9.77000+	4	1.64000+	0	9.85000+	4	1.67500+	0	57	3	18	3313
9.93000+	4	1.75000+	0	9.99000+	4	1.73000+	0	1.00000+	5	1.63500+	0	57	3	18	3314
1.03000+	5	1.62450+	0	1.20000+	5	1.57000+	0	1.35000+	5	1.52900+	0	57	3	18	3315
1.40000+	5	1.51760+	0	1.50000+	5	1.49600+	0	1.60000+	5	1.47800+	0	57	3	18	3316
1.73000+	5	1.44150+	0	1.80000+	5	1.42300+	0	1.00000+	5	1.38700+	0	57	3	18	3317
2.07000+	5	1.37370+	0	2.15000+	5	1.35900+	0	1.20000+	5	1.34940+	0	57	3	18	3318
2.25000+	5	1.34000+	0	2.35000+	5	1.32680+	0	1.40000+	5	1.32040+	0	57	3	18	3319
2.50000+	5	1.30800+	0	2.60000+	5	1.30350+	0	1.70000+	5	1.29920+	0	57	3	18	3320
2.80000+	5	1.29500+	0	3.00000+	5	1.28000+	0	1.20000+	5	1.24290+	0	57	3	18	3321
3.25000+	5	1.23400+	0	3.40000+	5	1.22850+	0	1.50000+	5	1.22500+	0	57	3	18	3322
3.60000+	5	1.22360+	0	3.80000+	5	1.22100+	0	1.00000+	5	1.21800+	0	57	3	18	3323
4.20000+	5	1.20930+	0	4.40000+	5	1.20100+	0	1.50000+	5	1.19700+	0	57	3	18	3324
4.60000+	5	1.19140+	0	4.70000+	5	1.18590+	0	1.80000+	5	1.18050+	0	57	3	18	3325
5.00000+	5	1.17000+	0	5.20000+	5	1.16460+	0	1.40000+	5	1.15950+	0	57	3	18	3326
5.50000+	5	1.15700+	0	5.60000+	5	1.15600+	0	1.00000+	5	1.15490+	0	57	3	18	3327
5.80000+	5	1.15390+	0	6.00000+	5	1.15200+	0	1.00000+	5	1.14870+	0	57	3	18	3328
6.40000+	5	1.14550+	0	6.50000+	5	1.14400+	0	1.00000+	5	1.14250+	0	57	3	18	3329
6.70000+	5	1.14100+	0	6.80000+	5	1.13900+	0	1.00000+	5	1.13500+	0	57	3	18	3330
7.20000+	5	1.13100+	0	7.30000+	5	1.12900+	0	1.70000+	5	1.12800+	0	57	3	18	3331
7.50000+	5	1.12700+	0	7.60000+	5	1.12850+	0	1.70000+	5	1.13000+	0	57	3	18	3332
7.75000+	5	1.13050+	0	7.80000+	5	1.13100+	0	1.00000+	5	1.13300+	0	57	3	18	3333
8.20000+	5	1.13990+	0	8.40000+	5	1.14670+	0	1.50000+	5	1.15000+	0	57	3	18	3334
8.60000+	5	1.15760+	0	8.80000+	5	1.17250+	0	1.00000+	5	1.18700+	0	57	3	18	3335
9.20000+	5	1.19960+	0	9.40000+	5	1.21190+	0	1.50000+	5	1.21800+	0	57	3	18	3336
9.60000+	5	1.22250+	0	9.70000+	5	1.22700+	0	1.80000+	5	1.22800+	0	57	3	18	3337
1.00000+	6	1.23000+	0	1.05000+	6	1.23290+	0	1.10000+	6	1.23500+	0	57	3	18	3338
1.15000+	6	1.23760+	0	1.20000+	6	1.24000+	0	1.25000+	6	1.24000+	0	57	3	18	3339
1.29500+	6	1.24000+	0	1.30000+	6	1.24000+	0	1.35000+	6	1.24000+	0	57	3	18	3340
1.40000+	6	1.24000+	0	1.45000+	6	1.24380+	0	1.49500+	6	1.24700+	0	57	3	18	3341
1.50000+	6	1.24740+	0	1.60000+	6	1.26520+	0	1.70000+	6	1.28600+	0	57	3	18	3342
1.80000+	6	1.30090+	0	1.90000+	6	1.30980+	0	1.00000+	6	1.31470+	0	57	3	18	3343
2.10000+	6	1.31670+	0	2.20000+	6	1.31670+	0	1.30000+	6	1.30910+	0	57	3	18	3344
2.40000+	6	1.29950+	0	2.50000+	6	1.29160+	0	1.60000+	6	1.28090+	0	57	3	18	3345
2.70000+	6	1.26910+	0	2.80000+	6	1.25150+	0	1.90000+	6	1.22790+	0	57	3	18	3346
3.00000+	6	1.20440+	0	3.10000+	6	1.18580+	0	1.20000+	6	1.17730+	0	57	3	18	3347
3.30000+	6	1.16910+	0	3.40000+	6	1.16160+	0	1.50000+	6	1.15440+	0	57	3	18	3348
3.60000+	6	1.14550+	0	3.70000+	6	1.13680+	0	1.80000+	6	1.12590+	0	57	3	18	3349
3.90000+	6	1.11520+	0	4.00000+	6	1.10540+	0	1.50000+	6	1.09700+	0	57	3	18	3350
4.20000+	6	1.08890+	0	4.30000+	6	1.08090+	0	1.40000+	6	1.07310+	0	57	3	18	3351
4.50000+	6	1.06710+	0	4.60000+	6	1.06130+	0	1.70000+	6	1.05840+	0	57	3	18	3352
4.80000+	6	1.05550+	0	4.90000+	6	1.05200+	0	1.00000+	6	1.04860+	0	57	3	18	3353
5.10000+	6	1.04610+	0	5.20000+	6	1.04370+	0	1.25000+	6	1.04420+	0	57	3	18	3354
5.30000+	6	1.04470+	0	5.40000+	6	1.04570+	0	1.50000+	6	1.04760+	0	57	3	18	3355
5.60000+	6	1.05000+	0	5.70000+	6	1.05500+	0	1.80000+	6	1.06310+	0	57	3	18	3356
5.90000+	6	1.07000+	0	6.00000+	6	1.08000+	0	1.00000+	6	1.09800+	0	57	3	18	3357
6.20000+	6	1.12520+	0	6.30000+	6	1.16400+	0	1.40000+	6	1.21250+	0	57	3	18	3358
6.50000+	6	1.26590+	0	6.60000+	6	1.31920+	0	1.70000+	6	1.36770+	0	57	3	18	3359
6.80000+	6	1.41330+	0	6.90000+	6	1.45500+	0	1.00000+	6	1.48500+	0	57	3	18	3360
7.10000+	6	1.51480+	0	7.20000+	6	1.55200+	0	1.30000+	6	1.57000+	0	57	3	18	3361
7.40000+	6	1.59500+	0	7.50000+	6	1.62000+	0	1.60000+	6	1.63450+	0	57	3	18	3362
7.65000+	6	1.64420+	0	7.70000+	6	1.66000+	0	1.80000+	6	1.67800+	0	57	3	18	3363
7.90000+	6	1.69800+	0	8.00000+	6	1.70720+	0	1.20000+	6	1.73150+	0	57	3	18	3364
8.40000+	6	1.74600+	0	8.50000+	6	1.75090+	0	1.60000+	6	1.75570+	0	57	3	18	3365
8.80000+	6	1.76060+	0	9.00000+	6	1.76060+	0	1.20000+	6	1.76060+	0	57	3	18	3366
9.40000+	6	1.75570+	0	9.50000+	6	1.75280+	0	1.60000+	6	1.75000+	0	57	3	18	3367
9.80000+	6	1.74000+	0	1.00000+	7	1.73000+	0	1.05000+	7	1.70000+	0	57	3	18	3368
1.10000+	7	1.69500+	0	1.15000+	7	1.70000+	0	1.19000+	7	1.73210+	0	57	3	18	3369
1.20000+	7	1.74000+	0	1.25000+	7	1.82000+	0	1.30000+	7	2.00000+	0	57	3	18	3370

1.35000+	7	2.08000+	0	1.40000+	7	2.13000+	0	1.45000+	7	2.15000+	0	57	3	18	3371
1.50000+	7	2.16000+	0									57	3	18	3372
												57	3	0	3373
9.22350+	4	2.33025+	2									57	3	18	3374
0.		0.										57	3	18	3375
	4		2									57	3	18	3376
1.0000E+03		1.0000E+01										57	3	18	3377
	56		2									57	3	18	3378
8.20008+	1	2.75599+	1	1.15690+	2	2.44809+	1	1.48550+	2	2.57862+	1	57	3	18	3379
1.90740+	2	2.55334+	1	2.45000+	2	4.26326+	1	3.00000+	2	1.95511+	1	57	3	18	3380
3.50000+	2	1.72785+	1	4.00000+	2	1.57863+	1	4.50000+	2	1.96169+	1	57	3	18	3381
5.00000+	2	2.44423+	1	5.60000+	2	2.56595+	1	6.20000+	2	1.65860+	1	57	3	18	3382
7.50000+	2	1.64165+	1	8.00000+	2	1.53875+	1	8.30000+	2	1.12981+	1	57	3	18	3383
9.00000+	2	9.94122+	0	1.00000+	3	1.01589+	1	1.10000+	3	1.21089+	1	57	3	18	3384
1.50000+	3	1.05564+	1	1.80000+	3	9.18512+	0	2.00000+	3	8.16747+	0	57	3	18	3385
2.50000+	3	7.10784+	0	3.00000+	3	6.49684+	0	3.50000+	3	6.33327+	0	57	3	18	3386
3.80000+	3	6.22610+	0	4.50000+	3	5.58828+	0	5.00000+	3	5.14234+	0	57	3	18	3387
5.50000+	3	4.94972+	0	6.00000+	3	4.70687+	0	6.50000+	3	4.26927+	0	57	3	18	3388
7.00000+	3	4.7533+	0	7.50000+	3	4.05705+	0	8.00000+	3	3.89164+	0	57	3	18	3389
8.50000+	3	3.57318+	0	9.00000+	3	3.53900+	0	9.50000+	3	4.09233+	0	57	3	18	3390
1.00000+	4	3.75822+	0	1.25000+	4	3.39839+	0	1.30000+	4	3.41757+	0	57	3	18	3391
1.32000+	4	3.42524+	0	1.42000+	4	3.46359+	0	1.48000+	4	3.48660+	0	57	3	18	3392
1.50000+	4	3.49427+	0	1.61000+	4	3.03132+	0	1.63000+	4	2.94714+	0	57	3	18	3393
1.65000+	4	2.86297+	0	1.85000+	4	3.14776+	0	2.05000+	4	2.51469+	0	57	3	18	3394
2.20000+	4	3.02629+	0	2.25000+	4	2.93253+	0	2.33000+	4	2.78251+	0	57	3	18	3395
2.35000+	4	2.74500+	0	2.37000+	4	2.73820+	0	2.43000+	4	2.71780+	0	57	3	18	3396
2.46000+	4	2.70760+	0	2.50000+	4	2.69400+	0	0.00000+	0	0.00000+	0	57	3	18	3397
1.0000E+03		1.0000E+02										57	3	18	3398
	56		2									57	3	18	3399
8.20008+	1	2.19900+	1	1.15690+	2	1.99906+	1	1.48550+	2	1.99445+	1	57	3	18	3400
1.90740+	2	1.88165+	1	2.45000+	2	2.27770+	1	3.00000+	2	1.47169+	1	57	3	18	3401
3.50000+	2	1.32889+	1	4.00000+	2	1.27714+	1	4.50000+	2	1.38580+	1	57	3	18	3402
5.00000+	2	1.54709+	1	5.60000+	2	1.56288+	1	6.20000+	2	1.19472+	1	57	3	18	3403
7.50000+	2	1.14883+	1	8.00000+	2	1.08840+	1	8.30000+	2	8.79969+	0	57	3	18	3404
9.00000+	2	7.93465+	0	1.00000+	3	7.96022+	0	1.10000+	3	8.88032+	0	57	3	18	3405
1.50000+	3	7.92782+	0	1.80000+	3	7.07536+	0	2.00000+	3	6.45288+	0	57	3	18	3406
2.50000+	3	5.74382+	0	3.00000+	3	5.30608+	0	2.50000+	3	5.16143+	0	57	3	18	3407
3.80000+	3	5.07378+	0	4.50000+	3	4.63373+	0	3.00000+	3	4.32487+	0	57	3	18	3408
5.50000+	3	4.18373+	0	6.00000+	3	4.01006+	0	3.50000+	3	3.70028+	0	57	3	18	3409
7.00000+	3	3.55766+	0	7.50000+	3	3.54049+	0	4.00000+	3	3.41855+	0	57	3	18	3410
8.50000+	3	3.18186+	0	9.00000+	3	3.15369+	0	4.50000+	3	3.54688+	0	57	3	18	3411
1.00000+	4	3.30773+	0	1.25000+	4	3.03712+	0	1.30000+	4	3.04996+	0	57	3	18	3412
1.32000+	4	3.05509+	0	1.42000+	4	3.08077+	0	1.48000+	4	3.09617+	0	57	3	18	3413
1.50000+	4	3.10131+	0	1.61000+	4	2.75290+	0	1.63000+	4	2.68956+	0	57	3	18	3414
1.65000+	4	2.62621+	0	1.85000+	4	2.84276+	0	2.05000+	4	2.34730+	0	57	3	18	3415
2.20000+	4	2.74856+	0	2.25000+	4	2.67637+	0	2.33000+	4	2.56087+	0	57	3	18	3416
2.35000+	4	2.53200+	0	2.37000+	4	2.52667+	0	2.43000+	4	2.51067+	0	57	3	18	3417
2.46000+	4	2.50267+	0	2.50000+	4	2.49200+	0	0.00000+	0	0.00000+	0	57	3	18	3418
1.0000E+03		1.0000E+03										57	3	18	3419
	56		2									57	3	18	3420
8.20008+	1	2.39799+	1	1.15690+	2	2.15107+	1	1.48550+	2	2.12679+	1	57	3	18	3421
1.90740+	2	1.95899+	1	2.45000+	2	2.31420+	1	3.00000+	2	1.48644+	1	57	3	18	3422
3.50000+	2	1.33553+	1	4.00000+	2	1.22832+	1	4.50000+	2	1.37866+	1	57	3	18	3423
5.00000+	2	1.52890+	1	5.60000+	2	1.54059+	1	6.20000+	2	1.18192+	1	57	3	18	3424
7.50000+	2	1.13339+	1	8.00000+	2	1.07336+	1	8.30000+	2	8.70323+	0	57	3	18	3425
9.00000+	2	7.84749+	0	1.00000+	3	7.85701+	0	1.10000+	3	8.73069+	0	57	3	18	3426
1.50000+	3	7.77748+	0	1.80000+	3	6.94366+	0	2.00000+	3	6.33938+	0	57	3	18	3427
2.50000+	3	5.64717+	0	3.00000+	3	5.21884+	0	2.50000+	3	5.07473+	0	57	3	18	3428
3.80000+	3	4.98805+	0	4.50000+	3	4.56051+	0	3.00000+	3	4.26078+	0	57	3	18	3429
5.50000+	3	4.12312+	0	6.00000+	3	3.95425+	0	3.50000+	3	3.65364+	0	57	3	18	3430
7.00000+	3	3.51479+	0	7.50000+	3	3.49708+	0	4.00000+	3	3.37899+	0	57	3	18	3431
8.50000+	3	3.14855+	0	9.00000+	3	3.12085+	0	4.50000+	3	3.50195+	0	57	3	18	3432
1.00000+	4	3.26989+	0	1.25000+	4	3.00615+	0	1.30000+	4	3.01850+	0	57	3	18	3433
1.32000+	4	3.02344+	0	1.42000+	4	3.04814+	0	1.48000+	4	3.06296+	0	57	3	18	3434
1.50000+	4	3.06790+	0	1.61000+	4	2.72856+	0	1.63000+	4	2.66687+	0	57	3	18	3435
1.65000+	4	2.60517+	0	1.85000+	4	2.81621+	0	2.05000+	4	2.33204+	0	57	3	18	3436
2.20000+	4	2.72419+	0	2.25000+	4	2.65379+	0	2.33000+	4	2.54116+	0	57	3	18	3437
2.35000+	4	2.51300+	0	2.37000+	4	2.50780+	0	2.43000+	4	2.49220+	0	57	3	18	3438
2.46000+	4	2.48440+	0	2.50000+	4	2.47400+	0	0.00000+	0	0.00000+	0	57	3	18	3439
1.0000E+03		1.0000E+04										57	3	18	3440
	56		2									57	3	18	3441



8.20008+	1	2.43599+	1	1.15690+	2	2.17908+	1	1.48550+	2	2.15110+	1	57	3	18	3442
1.90740+	2	1.97314+	1	2.45000+	2	2.32434+	1	2.00000+	2	1.48962+	1	57	3	18	3443
3.50000+	2	1.33731+	1	4.00000+	2	1.22921+	1	4.50000+	2	1.37886+	1	57	3	18	3444
5.00000+	2	1.52814+	1	5.60000+	2	1.53942+	1	6.20000+	2	1.18113+	1	57	3	18	3445
7.50000+	2	1.13229+	1	8.00000+	2	1.07225+	1	8.30000+	2	8.69563+	0	57	3	18	3446
9.00000+	2	7.84023+	0	1.00000+	3	7.84807+	0	1.10000+	3	8.71757+	0	57	3	18	3447
1.50000+	3	7.76346+	0	1.80000+	3	6.93117+	0	2.00000+	3	6.32853+	0	57	3	18	3448
2.50000+	3	5.63784+	0	3.00000+	3	5.21038+	0	3.50000+	3	5.06630+	0	57	3	18	3449
3.80000+	3	4.97971+	0	4.50000+	3	4.55337+	0	5.00000+	3	4.25452+	0	57	3	18	3450
5.50000+	3	4.11718+	0	6.00000+	3	3.94878+	0	6.50000+	3	3.64907+	0	57	3	18	3451
7.00000+	3	3.51058+	0	7.50000+	3	3.49348+	0	8.00000+	3	3.37510+	0	57	3	18	3452
8.50000+	3	3.14527+	0	9.00000+	3	3.11761+	0	7.50000+	3	3.49754+	0	57	3	18	3453
1.00000+	4	3.26617+	0	1.25000+	4	3.00310+	0	1.30000+	4	3.01540+	0	57	3	18	3454
1.32000+	4	3.02032+	0	1.42000+	4	3.04493+	0	1.48000+	4	3.05969+	0	57	3	18	3455
1.50000+	4	3.06461+	0	1.61000+	4	2.72616+	0	1.63000+	4	2.66463+	0	57	3	18	3456
1.65000+	4	2.60309+	0	1.85000+	4	2.81359+	0	1.85000+	4	2.33053+	0	57	3	18	3457
2.20000+	4	2.72178+	0	2.25000+	4	2.65152+	0	1.33000+	4	2.53910+	0	57	3	18	3458
2.35000+	4	2.51100+	0	2.37000+	4	2.50580+	0	1.43000+	4	2.49020+	0	57	3	18	3459
2.46000+	4	2.48240+	0	2.50000+	4	2.47200+	0	0.00000+	0	0.00000+	0	57	3	18	3460
0.		0.		0		0		0		0		57	3	0	3461
9.22350+	4	2.33025+	2	0		0		1		0		57	3	51	3462
0.00000+	0	1.29400+	4	0		0		0		1		57	3	51	3463
		333		2						333		57	3	51	3464
1.30000+	4	1.00000-	5	1.32000+	4	2.26162-	4	1.42000+	4	1.30697-	3	57	3	51	3465
1.48000+	4	1.95546-	3	1.50000+	4	2.17162-	3	1.61000+	4	3.36051-	3	57	3	51	3466
1.63000+	4	3.57668-	3	1.65000+	4	3.79284-	3	1.85000+	4	5.95446-	3	57	3	51	3467
2.05000+	4	8.11608-	3	2.20000+	4	9.73730-	3	1.25000+	4	1.02777-	2	57	3	51	3468
2.33000+	4	1.11424-	2	2.35000+	4	1.13585-	2	1.31000+	4	1.15747-	2	57	3	51	3469
2.43000+	4	1.22232-	2	2.46000+	4	1.25474-	2	1.50000+	4	1.29797-	2	57	3	51	3470
2.50000+	4	1.29798-	2	2.53000+	4	1.33040-	2	1.57000+	4	1.37363-	2	57	3	51	3471
2.62000+	4	1.42767-	2	2.65000+	4	1.46009-	2	1.72000+	4	1.53575-	2	57	3	51	3472
2.75000+	4	1.56818-	2	2.83000+	4	1.65464-	2	1.88000+	4	1.70868-	2	57	3	51	3473
2.93000+	4	1.76272-	2	2.98000+	4	1.81676-	2	2.00000+	4	1.83838-	2	57	3	51	3474
3.11000+	4	1.95727-	2	3.13000+	4	1.97888-	2	2.18000+	4	2.03292-	2	57	3	51	3475
3.21000+	4	2.06535-	2	3.25000+	4	2.10858-	2	2.28000+	4	2.14101-	2	57	3	51	3476
3.42000+	4	2.29232-	2	3.45000+	4	2.32474-	2	2.50000+	4	2.37878-	2	57	3	51	3477
3.62000+	4	2.50848-	2	3.65000+	4	2.54091-	2	2.70000+	4	2.59495-	2	57	3	51	3478
3.79000+	4	2.69222-	2	3.87000+	4	2.77868-	2	2.91000+	4	2.82192-	2	57	3	51	3479
3.94000+	4	2.85434-	2	4.00000+	4	2.91919-	2	3.04000+	4	2.96242-	2	57	3	51	3480
4.10000+	4	3.02727-	2	4.15000+	4	3.08131-	2	3.20000+	4	3.13535-	2	57	3	51	3481
4.30000+	4	3.24343-	2	4.36000+	4	3.30828-	2	3.38000+	4	3.32990-	2	57	3	51	3482
4.43000+	4	3.38394-	2	4.48000+	4	3.43798-	2	3.50000+	4	3.45959-	2	57	3	51	3483
4.52000+	4	3.48121-	2	4.54000+	4	3.50283-	2	3.60000+	4	3.56768-	2	57	3	51	3484
4.62000+	4	3.58929-	2	4.65000+	4	3.62172-	2	3.68000+	4	3.65414-	2	57	3	51	3485
4.73000+	4	3.70818-	2	4.76000+	4	3.74061-	2	3.82000+	4	3.80545-	2	57	3	51	3486
4.84000+	4	3.82707-	2	4.88000+	4	3.87030-	2	3.90000+	4	3.89192-	2	57	3	51	3487
5.00000+	4	4.00000-	2	5.02000+	4	4.00294-	2	5.06000+	4	4.00882-	2	57	3	51	3488
5.09000+	4	4.01324-	2	5.12000+	4	4.01765-	2	5.15000+	4	4.02206-	2	57	3	51	3489
5.22000+	4	4.03235-	2	5.25000+	4	4.03676-	2	5.35000+	4	4.05147-	2	57	3	51	3490
5.39000+	4	4.05735-	2	5.42000+	4	4.06176-	2	5.46000+	4	4.06765-	2	57	3	51	3491
5.50000+	4	4.07353-	2	5.53000+	4	4.07794-	2	5.57000+	4	4.08382-	2	57	3	51	3492
5.61000+	4	4.08971-	2	5.67000+	4	4.09853-	2	5.71000+	4	4.10441-	2	57	3	51	3493
5.76000+	4	4.11176-	2	5.79000+	4	4.11618-	2	5.83000+	4	4.12206-	2	57	3	51	3494
5.87000+	4	4.12794-	2	5.91000+	4	4.13382-	2	5.92000+	4	4.13529-	2	57	3	51	3495
5.98000+	4	4.14412-	2	6.00000+	4	4.14706-	2	6.03000+	4	4.15147-	2	57	3	51	3496
6.12000+	4	4.16471-	2	6.15000+	4	4.16912-	2	6.20000+	4	4.17647-	2	57	3	51	3497
6.25000+	4	4.18382-	2	6.29000+	4	4.18971-	2	6.32000+	4	4.19412-	2	57	3	51	3498
6.42000+	4	4.20882-	2	6.47000+	4	4.21618-	2	6.50000+	4	4.22059-	2	57	3	51	3499
6.51000+	4	4.22206-	2	6.61000+	4	4.23676-	2	6.65000+	4	4.24265-	2	57	3	51	3500
6.70000+	4	4.25000-	2	6.74000+	4	4.25588-	2	6.80000+	4	4.26471-	2	57	3	51	3501
6.83000+	4	4.26912-	2	6.89000+	4	4.27794-	2	6.94000+	4	4.28529-	2	57	3	51	3502
7.00000+	4	4.29412-	2	7.03000+	4	4.29853-	2	7.09000+	4	4.30735-	2	57	3	51	3503
7.20000+	4	4.32353-	2	7.25000+	4	4.33088-	2	7.31000+	4	4.33971-	2	57	3	51	3504
7.37000+	4	4.34853-	2	7.41000+	4	4.35441-	2	7.48000+	4	4.36471-	2	57	3	51	3505
7.50000+	4	4.36765-	2	7.53000+	4	4.37206-	2	7.58000+	4	4.37941-	2	57	3	51	3506
7.65000+	4	4.38971-	2	7.70000+	4	4.39706-	2	7.76000+	4	4.40588-	2	57	3	51	3507
7.84000+	4	4.41765-	2	7.89000+	4	4.42500-	2	7.94000+	4	4.43235-	2	57	3	51	3508
8.00000+	4	4.44118-	2	8.07000+	4	4.45147-	2	8.20000+	4	4.47059-	2	57	3	51	3509
8.27000+	4	4.48088-	2	8.33000+	4	4.48971-	2	8.40000+	4	4.50000-	2	57	3	51	3510
8.47000+	4	4.52187-	2	8.50000+	4	4.53125-	2	8.53000+	4	4.54062-	2	57	3	51	3511
8.61000+	4	4.56562-	2	8.68000+	4	4.58750-	2	8.75000+	4	4.60937-	2	57	3	51	3512

8.83000+	4	4.63437-	2	4.90000+	4	4.65625-	2	4.00000+	4	4.68750-	2	57	3	51	3513
9.03000+	4	4.69687-	2	9.17000+	4	4.72500-	2	4.28000+	4	4.77500-	2	57	3	51	3514
9.36000+	4	4.80000-	2	9.44000+	4	4.82500-	2	4.50000+	4	4.84375-	2	57	3	51	3515
9.52000+	4	4.85000-	2	9.60000+	4	4.87500-	2	4.60000+	4	4.90000-	2	57	3	51	3516
9.77000+	4	4.92812-	2	9.85000+	4	4.95312-	2	4.93000+	4	4.97812-	2	57	3	51	3517
9.99000+	4	4.99687-	2	1.00000+	5	5.00000-	2	1.03000+	5	5.00000-	2	57	3	51	3518
1.20000+	5	5.00000-	2	1.35000+	5	5.00000-	2	1.40000+	5	5.00000-	2	57	3	51	3519
1.50000+	5	5.00000-	2	1.60000+	5	5.00043-	2	1.73000+	5	5.00100-	2	57	3	51	3520
1.80000+	5	4.97481-	2	2.00000+	5	4.90000-	2	2.07000+	5	4.88000-	2	57	3	51	3521
2.15000+	5	4.85714-	2	2.20000+	5	4.84286-	2	2.25000+	5	4.82857-	2	57	3	51	3522
2.35000+	5	4.80000-	2	2.40000+	5	4.70000-	2	2.50000+	5	4.50000-	2	57	3	51	3523
2.60000+	5	4.40000-	2	2.70000+	5	4.30000-	2	2.80000+	5	4.20000-	2	57	3	51	3524
3.00000+	5	4.00000-	2	3.20000+	5	3.80000-	2	3.25000+	5	3.75000-	2	57	3	51	3525
3.40000+	5	3.60000-	2	3.50000+	5	3.50000-	2	3.60000+	5	3.40000-	2	57	3	51	3526
3.80000+	5	3.20000-	2	4.00000+	5	3.00000-	2	4.20000+	5	2.80000-	2	57	3	51	3527
4.40000+	5	2.60000-	2	4.50000+	5	2.50000-	2	4.60000+	5	2.40000-	2	57	3	51	3528
4.70000+	5	2.30000-	2	4.80000+	5	2.20000-	2	4.90000+	5	2.00000-	2	57	3	51	3529
5.20000+	5	1.80000-	2	5.40000+	5	1.60000-	2	5.50000+	5	1.50000-	2	57	3	51	3530
5.60000+	5	1.40000-	2	5.70000+	5	1.30000-	2	5.80000+	5	1.20000-	2	57	3	51	3531
6.00000+	5	1.00000-	2	6.20000+	5	8.00000-	3	6.40000+	5	6.00000-	3	57	3	51	3532
6.50000+	5	5.00000-	3	6.60000+	5	4.20000-	3	6.70000+	5	3.40000-	3	57	3	51	3533
6.80000+	5	2.00000-	3	7.00000+	5	1.00000-	3	7.20000+	5	6.04000-	4	57	3	51	3534
7.30000+	5	4.06000-	4	7.40000+	5	2.08000-	4	7.50000+	5	1.00000-	5	57	3	51	3535
7.60000+	5	1.00000-	5	7.70000+	5	1.00000-	5	7.75000+	5	1.00000-	5	57	3	51	3536
7.80000+	5	1.00000-	5	8.00000+	5	1.00000-	5	8.20000+	5	1.00000-	5	57	3	51	3537
8.40000+	5	1.00000-	5	8.50000+	5	1.00000-	5	8.60000+	5	1.00000-	5	57	3	51	3538
8.80000+	5	1.00000-	5	9.00000+	5	1.00000-	5	9.20000+	5	1.00000-	5	57	3	51	3539
9.40000+	5	1.00000-	5	9.50000+	5	1.00000-	5	9.60000+	5	1.00000-	5	57	3	51	3540
9.70000+	5	1.00000-	5	9.80000+	5	1.00000-	5	1.00000+	6	1.00000-	5	57	3	51	3541
1.05000+	6	1.00000-	5	1.10000+	6	1.00000-	5	1.15000+	6	1.00000-	5	57	3	51	3542
1.20000+	6	1.00000-	5	1.25000+	6	1.00000-	5	1.29500+	6	1.00000-	5	57	3	51	3543
1.30000+	6	1.00000-	5	1.35000+	6	1.00000-	5	1.40000+	6	1.00000-	5	57	3	51	3544
1.45000+	6	1.00000-	5	1.49500+	6	1.00000-	5	1.50000+	6	1.00000-	5	57	3	51	3545
1.60000+	6	1.00000-	5	1.70000+	6	1.00000-	5	1.80000+	6	1.00000-	5	57	3	51	3546
1.90000+	6	1.00000-	5	2.00000+	6	1.00000-	5	2.10000+	6	1.00000-	5	57	3	51	3547
2.20000+	6	1.00000-	5	2.30000+	6	1.00000-	5	2.40000+	6	1.00000-	5	57	3	51	3548
2.50000+	6	1.00000-	5	2.60000+	6	1.00000-	5	2.70000+	6	1.00000-	5	57	3	51	3549
2.80000+	6	1.00000-	5	2.90000+	6	1.00000-	5	3.00000+	6	1.00000-	5	57	3	51	3550
3.10000+	6	1.00000-	5	3.20000+	6	1.00000-	5	3.30000+	6	1.00000-	5	57	3	51	3551
3.40000+	6	1.00000-	5	3.50000+	6	1.00000-	5	3.60000+	6	1.00000-	5	57	3	51	3552
3.70000+	6	1.00000-	5	3.80000+	6	1.00000-	5	3.90000+	6	1.00000-	5	57	3	51	3553
4.00000+	6	1.00000-	5	4.10000+	6	1.00000-	5	4.20000+	6	1.00000-	5	57	3	51	3554
4.30000+	6	1.00000-	5	4.40000+	6	1.00000-	5	4.50000+	6	1.00000-	5	57	3	51	3555
4.60000+	6	1.00000-	5	4.70000+	6	1.00000-	5	4.80000+	6	1.00000-	5	57	3	51	3556
4.90000+	6	1.00000-	5	5.00000+	6	1.00000-	5	5.10000+	6	1.00000-	5	57	3	51	3557
5.20000+	6	1.00000-	5	5.25000+	6	1.00000-	5	5.30000+	6	1.00000-	5	57	3	51	3558
5.40000+	6	1.00000-	5	5.50000+	6	1.00000-	5	5.60000+	6	1.00000-	5	57	3	51	3559
5.70000+	6	1.00000-	5	5.80000+	6	1.00000-	5	5.90000+	6	1.00000-	5	57	3	51	3560
6.00000+	6	1.00000-	5	6.10000+	6	1.00000-	5	6.20000+	6	1.00000-	5	57	3	51	3561
6.30000+	6	1.00000-	5	6.40000+	6	1.00000-	5	6.50000+	6	1.00000-	5	57	3	51	3562
6.60000+	6	1.00000-	5	6.70000+	6	1.00000-	5	6.80000+	6	1.00000-	5	57	3	51	3563
6.90000+	6	1.00000-	5	7.00000+	6	1.00000-	5	7.10000+	6	1.00000-	5	57	3	51	3564
7.20000+	6	1.00000-	5	7.30000+	6	1.00000-	5	7.40000+	6	1.00000-	5	57	3	51	3565
7.50000+	6	1.00000-	5	7.60000+	6	1.00000-	5	7.65000+	6	1.00000-	5	57	3	51	3566
7.70000+	6	1.00000-	5	7.80000+	6	1.00000-	5	7.90000+	6	1.00000-	5	57	3	51	3567
8.00000+	6	1.00000-	5	8.20000+	6	1.00000-	5	8.40000+	6	1.00000-	5	57	3	51	3568
8.50000+	6	1.00000-	5	8.60000+	6	1.00000-	5	8.80000+	6	1.00000-	5	57	3	51	3569
9.00000+	6	1.00000-	5	9.20000+	6	1.00000-	5	9.40000+	6	1.00000-	5	57	3	51	3570
9.50000+	6	1.00000-	5	9.60000+	6	1.00000-	5	9.80000+	6	1.00000-	5	57	3	51	3571
1.00000+	7	1.00000-	5	1.05000+	7	1.00000-	5	1.10000+	7	1.00000-	5	57	3	51	3572
1.15000+	7	1.00000-	5	1.19000+	7	1.00000-	5	1.20000+	7	1.00000-	5	57	3	51	3573
1.25000+	7	1.00000-	5	1.30000+	7	1.00000-	5	1.35000+	7	1.00000-	5	57	3	51	3574
1.40000+	7	1.00000-	5	1.45000+	7	1.00000-	5	1.50000+	7	1.00000-	5	57	3	51	3575
												57	3	0	3576
9.22350+	4	2.33025+	2				2			0		57	3	52	3577
0.00000+	0	4.96000+	4			0				1	264	57	3	52	3578
	264		2									57	3	52	3579
5.00000+	4	1.00000-	5	5.02000+	4	8.92294-	4	5.06000+	4	2.65688-	3	57	3	52	3580
5.09000+	4	3.98032-	3	5.12000+	4	5.30376-	3	5.15000+	4	6.62721-	3	57	3	52	3581
5.22000+	4	9.71524-	3	5.25000+	4	1.10387-	2	5.35000+	4	1.54501-	2	57	3	52	3582
5.39000+	4	1.72147-	2	5.47000+	4	1.85382-	2	5.46000+	4	2.03028-	2	57	3	52	3583

5.50000+	4	2.20674-	2	5.53000+	4	2.33908-	2	7.57000+	4	2.51554-	2	57	3	52	3584
5.61000+	4	2.69200-	2	5.67000+	4	2.95669-	2	5.71000+	4	3.13314-	2	57	3	52	3585
5.76000+	4	3.35372-	2	5.79000+	4	3.48606-	2	5.83000+	4	3.66252-	2	57	3	52	3586
5.87000+	4	3.83898-	2	5.91000+	4	4.01544-	2	5.92000+	4	4.05955-	2	57	3	52	3587
5.98000+	4	4.32424-	2	6.00000+	4	4.41247-	2	6.03000+	4	4.54481-	2	57	3	52	3588
6.12000+	4	4.94185-	2	6.15000+	4	5.07419-	2	6.20000+	4	5.29476-	2	57	3	52	3589
6.25000+	4	5.51534-	2	6.29000+	4	5.69180-	2	6.32000+	4	5.82414-	2	57	3	52	3590
6.42000+	4	6.26529-	2	6.47000+	4	6.48586-	2	6.50000+	4	6.61821-	2	57	3	52	3591
6.51000+	4	6.66232-	2	6.61000+	4	7.10347-	2	6.65000+	4	7.27993-	2	57	3	52	3592
6.70000+	4	7.50050-	2	6.74000+	4	7.67696-	2	6.80000+	4	7.94165-	2	57	3	52	3593
6.83000+	4	8.07399-	2	6.89000+	4	8.33868-	2	6.94000+	4	8.55925-	2	57	3	52	3594
7.00000+	4	8.82394-	2	7.03000+	4	8.95629-	2	7.09000+	4	9.22097-	2	57	3	52	3595
7.20000+	4	9.70624-	2	7.25000+	4	9.92681-	2	7.31000+	4	1.01915-	1	57	3	52	3596
7.37000+	4	1.04562-	1	7.41000+	4	1.06326-	1	7.48000+	4	1.09414-	1	57	3	52	3597
7.50000+	4	1.10297-	1	7.53000+	4	1.11620-	1	7.58000+	4	1.13826-	1	57	3	52	3598
7.65000+	4	1.16914-	1	7.70000+	4	1.19120-	1	7.76000+	4	1.21767-	1	57	3	52	3599
7.84000+	4	1.25296-	1	7.89000+	4	1.27501-	1	7.94000+	4	1.29707-	1	57	3	52	3600
8.00000+	4	1.32354-	1	8.07000+	4	1.35442-	1	8.20000+	4	1.41177-	1	57	3	52	3601
8.27000+	4	1.44265-	1	8.33000+	4	1.46912-	1	8.40000+	4	1.50000-	1	57	3	52	3602
8.47000+	4	1.56125-	1	8.50000+	4	1.58750-	1	8.53000+	4	1.61375-	1	57	3	52	3603
8.61000+	4	1.68375-	1	8.68000+	4	1.74500-	1	8.75000+	4	1.80625-	1	57	3	52	3604
8.83000+	4	1.87625-	1	8.90000+	4	1.93750-	1	9.00000+	4	2.02500-	1	57	3	52	3605
9.03000+	4	2.05125-	1	9.12000+	4	2.13000-	1	9.28000+	4	2.27000-	1	57	3	52	3606
9.36000+	4	2.34000-	1	9.44000+	4	2.41000-	1	9.50000+	4	2.46250-	1	57	3	52	3607
9.52000+	4	2.48000-	1	9.60000+	4	2.55000-	1	9.68000+	4	2.62000-	1	57	3	52	3608
9.77000+	4	2.69875-	1	9.85000+	4	2.76875-	1	9.93000+	4	2.83875-	1	57	3	52	3609
9.99000+	4	2.89125-	1	1.00000+	5	2.90000-	1	1.03000+	5	2.92000-	1	57	3	52	3610
1.20000+	5	3.02128-	1	1.35000+	5	3.11094-	1	1.40000+	5	3.14043-	1	57	3	52	3611
1.50000+	5	3.20000-	1	1.60000+	5	3.24348-	1	1.73000+	5	3.30000-	1	57	3	52	3612
1.80000+	5	3.32593-	1	2.00000+	5	3.40000-	1	2.07000+	5	3.42000-	1	57	3	52	3613
2.15000+	5	3.44286-	1	2.20000+	5	3.45714-	1	2.25000+	5	3.47143-	1	57	3	52	3614
2.35000+	5	3.50000-	1	2.40000+	5	3.50000-	1	2.50000+	5	3.50000-	1	57	3	52	3615
2.60000+	5	3.50005-	1	2.70000+	5	3.50010-	1	2.80000+	5	3.50007-	1	57	3	52	3616
3.00000+	5	3.50000-	1	3.20000+	5	3.50000-	1	3.25000+	5	3.50000-	1	57	3	52	3617
3.40000+	5	3.50000-	1	3.50000+	5	3.50000-	1	3.60000+	5	3.50004-	1	57	3	52	3618
3.80000+	5	3.50012-	1	4.00000+	5	3.50020-	1	4.20000+	5	3.50016-	1	57	3	52	3619
4.40000+	5	3.50012-	1	4.50000+	5	3.50010-	1	4.60000+	5	3.50008-	1	57	3	52	3620
4.70000+	5	3.50006-	1	4.80000+	5	3.50004-	1	5.00000+	5	3.50000-	1	57	3	52	3621
5.20000+	5	3.50004-	1	5.40000+	5	3.50008-	1	5.50000+	5	3.50010-	1	57	3	52	3622
5.60000+	5	3.50006-	1	5.70000+	5	3.50002-	1	5.80000+	5	3.49998-	1	57	3	52	3623
6.00000+	5	3.49990-	1	6.20000+	5	3.46002-	1	6.40000+	5	3.42014-	1	57	3	52	3624
6.50000+	5	3.40020-	1	6.60000+	5	3.34016-	1	6.70000+	5	3.28012-	1	57	3	52	3625
6.80000+	5	3.22008-	1	7.00000+	5	3.10000-	1	7.20000+	5	3.01996-	1	57	3	52	3626
7.30000+	5	2.97994-	1	7.40000+	5	2.93992-	1	7.50000+	5	2.89990-	1	57	3	52	3627
7.60000+	5	2.85992-	1	7.70000+	5	2.81994-	1	7.75000+	5	2.79995-	1	57	3	52	3628
7.80000+	5	2.77996-	1	8.00000+	5	2.70000-	1	8.20000+	5	2.58000-	1	57	3	52	3629
8.40000+	5	2.46000-	1	8.50000+	5	2.40000-	1	8.60000+	5	2.34002-	1	57	3	52	3630
8.80000+	5	2.22006-	1	9.00000+	5	2.10010-	1	9.20000+	5	1.97946-	1	57	3	52	3631
9.40000+	5	1.85882-	1	9.50000+	5	1.79850-	1	9.60000+	5	1.73878-	1	57	3	52	3632
9.70000+	5	1.67906-	1	9.80000+	5	1.61934-	1	1.00000+	6	1.49990-	1	57	3	52	3633
1.05000+	6	1.45991-	1	1.10000+	6	1.41992-	1	1.15000+	6	1.37993-	1	57	3	52	3634
1.20000+	6	1.33994-	1	1.25000+	6	1.29995-	1	1.29500+	6	1.26396-	1	57	3	52	3635
1.30000+	6	1.25996-	1	1.35000+	6	1.21997-	1	1.40000+	6	1.17998-	1	57	3	52	3636
1.45000+	6	1.13999-	1	1.49500+	6	1.10400-	1	1.50000+	6	1.10000-	1	57	3	52	3637
1.60000+	6	1.06000-	1	1.70000+	6	1.02000-	1	1.80000+	6	0.98000-	2	57	3	52	3638
1.90000+	6	0.94000-	2	2.00000+	6	0.90000-	2	2.10000+	6	0.86000-	2	57	3	52	3639
2.20000+	6	0.82000-	2	2.30000+	6	0.78000-	2	2.40000+	6	0.74000-	2	57	3	52	3640
2.50000+	6	0.70000-	2	2.60000+	6	0.68000-	2	2.70000+	6	0.66000-	2	57	3	52	3641
2.80000+	6	0.64000-	2	2.90000+	6	0.62000-	2	3.00000+	6	0.60000-	2	57	3	52	3642
3.10000+	6	0.57872-	2	3.20000+	6	0.57440-	2	3.30000+	6	0.56160-	2	57	3	52	3643
3.40000+	6	0.51488-	2	3.50000+	6	0.49360-	2	3.60000+	6	0.47488-	2	57	3	52	3644
3.70000+	6	0.45616-	2	3.80000+	6	0.43744-	2	3.90000+	6	0.41872-	2	57	3	52	3645
4.00000+	6	0.40000-	2	4.10000+	6	0.36000-	2	4.20000+	6	0.32000-	2	57	3	52	3646
4.30000+	6	0.28000-	2	4.40000+	6	0.24000-	2	4.50000+	6	0.20000-	2	57	3	52	3647
4.60000+	6	0.17200-	2	4.70000+	6	0.14400-	2	4.80000+	6	0.11600-	2	57	3	52	3648
4.90000+	6	0.08000-	3	5.00000+	6	0.00000-	3	5.10000+	6	0.00000-	3	57	3	52	3649
5.20000+	6	0.00000-	3	5.25000+	6	0.00000-	3	5.30000+	6	0.00000-	3	57	3	52	3650
5.40000+	6	0.00000-	3	5.50000+	6	0.00000-	3	5.60000+	6	0.00000-	3	57	3	52	3651
5.70000+	6	0.00000-	3	5.80000+	6	0.00000-	3	5.90000+	6	0.00000-	3	57	3	52	3652
6.00000+	6	0.00000-	3	6.10000+	6	0.00000-	3	6.20000+	6	0.00000-	3	57	3	52	3653

6.30000+	6	6.00000-	3	6.40000+	6	6.00000-	3	6.50000+	6	6.00000-	3	57	3	52	3654
6.60000+	6	6.00000-	3	6.70000+	6	6.00000-	3	6.80000+	6	6.00000-	3	57	3	52	3655
6.90000+	6	6.00000-	3	7.00000+	6	6.00000-	3	7.10000+	6	6.00000-	3	57	3	52	3656
7.20000+	6	6.00000-	3	7.30000+	6	6.00000-	3	7.40000+	6	6.00000-	3	57	3	52	3657
7.50000+	6	6.00000-	3	7.60000+	6	6.00000-	3	7.65000+	6	6.00000-	3	57	3	52	3658
7.70000+	6	6.00000-	3	7.80000+	6	6.00000-	3	7.90000+	6	6.00000-	3	57	3	52	3659
8.00000+	6	6.00000-	3	8.20000+	6	6.00000-	3	8.40000+	6	6.00000-	3	57	3	52	3660
8.50000+	6	6.00000-	3	8.60000+	6	6.00000-	3	8.80000+	6	6.00000-	3	57	3	52	3661
9.00000+	6	6.00000-	3	9.20000+	6	6.00000-	3	9.40000+	6	6.00000-	3	57	3	52	3662
9.50000+	6	6.00000-	3	9.60000+	6	6.00000-	3	9.80000+	6	6.00000-	3	57	3	52	3663
1.00000+	7	6.00000-	3	1.05000+	7	6.00000-	3	1.10000+	7	6.00000-	3	57	3	52	3664
1.15000+	7	6.00000-	3	1.19000+	7	6.00000-	3	1.20000+	7	6.00000-	3	57	3	52	3665
1.25000+	7	6.00000-	3	1.30000+	7	6.00000-	3	1.35000+	7	6.00000-	3	57	3	52	3666
1.40000+	7	6.00000-	3	1.45000+	7	6.00000-	3	1.50000+	7	6.00000-	3	57	3	52	3667
												57	3	0	3668
9.22350+	4	2.33025+	2		0		3		0		0	57	3	53	3669
0.00000+	0	8.36000+	4		0		0		1		196	57	3	53	3670
	196		2									57	3	53	3671
8.40000+	4	1.00000-	5	8.47000+	4	1.32206-	3	8.50000+	4	1.88437-	3	57	3	53	3672
8.53000+	4	2.44669-	3	8.61000+	4	3.94619-	3	8.68000+	4	5.25825-	3	57	3	53	3673
8.75000+	4	6.57031-	3	8.83000+	4	8.06981-	3	8.90000+	4	9.38187-	3	57	3	53	3674
9.00000+	4	1.12562-	2	9.03000+	4	1.18186-	2	9.12000+	4	1.35055-	2	57	3	53	3675
9.28000+	4	1.65045-	2	9.36000+	4	1.80040-	2	9.44000+	4	1.95035-	2	57	3	53	3676
9.50000+	4	2.06281-	2	9.52000+	4	2.10030-	2	9.60000+	4	2.25025-	2	57	3	53	3677
9.68000+	4	2.40020-	2	9.77000+	4	2.56889-	2	9.85000+	4	2.71884-	2	57	3	53	3678
9.93000+	4	2.86879-	2	9.99000+	4	2.98126-	2	1.00000+	5	3.00000-	2	57	3	53	3679
1.03000+	5	4.80000-	2	1.20000+	5	6.68085-	2	1.35000+	5	8.34043-	2	57	3	53	3680
1.40000+	5	8.89362-	2	1.50000+	5	1.00000-	1	1.60000+	5	1.08696-	1	57	3	53	3681
1.73000+	5	1.20000-	1	1.80000+	5	1.25185-	1	2.00000+	5	1.40000-	1	57	3	53	3682
2.07000+	5	1.42000-	1	2.15000+	5	1.44286-	1	2.20000+	5	1.45714-	1	57	3	53	3683
2.25000+	5	1.47143-	1	2.35000+	5	1.50000-	1	2.40000+	5	1.50000-	1	57	3	53	3684
2.50000+	5	1.50000-	1	2.60000+	5	1.50000-	1	2.70000+	5	1.50000-	1	57	3	53	3685
2.80000+	5	1.50003-	1	3.00000+	5	1.50010-	1	3.20000+	5	1.50002-	1	57	3	53	3686
3.25000+	5	1.50000-	1	3.40000+	5	1.49994-	1	3.50000+	5	1.49990-	1	57	3	53	3687
3.60000+	5	1.49992-	1	3.80000+	5	1.49996-	1	4.00000+	5	1.50000-	1	57	3	53	3688
4.20000+	5	1.50000-	1	4.40000+	5	1.50000-	1	4.50000+	5	1.50000-	1	57	3	53	3689
4.60000+	5	1.50004-	1	4.70000+	5	1.50008-	1	4.80000+	5	1.50012-	1	57	3	53	3690
5.00000+	5	1.50020-	1	5.20000+	5	1.50008-	1	5.40000+	5	1.49996-	1	57	3	53	3691
5.50000+	5	1.49990-	1	5.60000+	5	1.47992-	1	5.70000+	5	1.45994-	1	57	3	53	3692
5.80000+	5	1.43996-	1	6.00000+	5	1.40000-	1	6.20000+	5	1.36000-	1	57	3	53	3693
6.40000+	5	1.32000-	1	6.50000+	5	1.30000-	1	6.60000+	5	1.28000-	1	57	3	53	3694
6.70000+	5	1.26000-	1	6.80000+	5	1.24000-	1	7.00000+	5	1.20000-	1	57	3	53	3695
7.20000+	5	1.16000-	1	7.30000+	5	1.14000-	1	7.40000+	5	1.12000-	1	57	3	53	3696
7.50000+	5	1.10000-	1	7.60000+	5	1.08000-	1	7.70000+	5	1.06000-	1	57	3	53	3697
7.75000+	5	1.05000-	1	7.80000+	5	1.04000-	1	8.00000+	5	1.00000-	1	57	3	53	3698
8.20000+	5	9.60000-	2	8.40000+	5	9.20000-	2	8.50000+	5	9.00000-	2	57	3	53	3699
8.60000+	5	8.80000-	2	8.80000+	5	8.40000-	2	9.00000+	5	8.00000-	2	57	3	53	3700
9.20000+	5	7.20000-	2	9.40000+	5	6.40000-	2	9.50000+	5	6.00000-	2	57	3	53	3701
9.60000+	5	5.60080-	2	9.70000+	5	5.20160-	2	9.80000+	5	4.80240-	2	57	3	53	3702
1.00000+	6	4.00400-	2	1.05000+	6	3.90320-	2	1.10000+	6	3.80320-	2	57	3	53	3703
1.15000+	6	3.70280-	2	1.20000+	6	3.60240-	2	1.25000+	6	3.50200-	2	57	3	53	3704
1.29500+	6	3.41164-	2	1.30000+	6	3.40160-	2	1.35000+	6	3.30120-	2	57	3	53	3705
1.40000+	6	3.20080-	2	1.45000+	6	3.10040-	2	1.49500+	6	3.01004-	2	57	3	53	3706
1.50000+	6	3.00000-	2	1.60000+	6	2.80000-	2	1.70000+	6	2.60000-	2	57	3	53	3707
1.80000+	6	2.40000-	2	1.90000+	6	2.20000-	2	2.00000+	6	2.00000-	2	57	3	53	3708
2.10000+	6	2.00000-	2	2.20000+	6	2.00000-	2	2.30000+	6	2.00000-	2	57	3	53	3709
2.40000+	6	2.00000-	2	2.50000+	6	2.00000-	2	2.60000+	6	2.00000-	2	57	3	53	3710
2.70000+	6	2.00000-	2	2.80000+	6	2.00000-	2	2.90000+	6	2.00000-	2	57	3	53	3711
3.00000+	6	2.00000-	2	3.10000+	6	1.80000-	2	3.20000+	6	1.60000-	2	57	3	53	3712
3.30000+	6	1.40000-	2	3.40000+	6	1.20000-	2	3.50000+	6	1.00000-	2	57	3	53	3713
3.60000+	6	1.00000-	2	3.70000+	6	1.00000-	2	3.80000+	6	1.00000-	2	57	3	53	3714
3.90000+	6	1.00000-	2	4.00000+	6	1.00000-	2	4.10000+	6	9.00000-	3	57	3	53	3715
4.20000+	6	8.00000-	3	4.30000+	6	7.00000-	3	4.40000+	6	6.00000-	3	57	3	53	3716
4.50000+	6	5.00000-	3	4.60000+	6	4.00200-	3	4.70000+	6	3.00400-	3	57	3	53	3717
4.80000+	6	2.00600-	3	4.90000+	6	1.00800-	3	5.00000+	6	1.00000-	5	57	3	53	3718
5.10000+	6	1.00000-	5	5.20000+	6	1.00000-	5	5.25000+	6	1.00000-	5	57	3	53	3719
5.30000+	6	1.00000-	5	5.40000+	6	1.00000-	5	5.50000+	6	1.00000-	5	57	3	53	3720
5.60000+	6	1.00000-	5	5.70000+	6	1.00000-	5	5.80000+	6	1.00000-	5	57	3	53	3721
5.90000+	6	1.00000-	5	6.00000+	6	1.00000-	5	6.10000+	6	1.00000-	5	57	3	53	3722
6.20000+	6	1.00000-	5	6.30000+	6	1.00000-	5	6.40000+	6	1.00000-	5	57	3	53	3723

6.50000+	6	1.00000-	5	6.60000+	6	1.00000-	5	6.70000+	6	1.00000-	5	57	3	53	3724
6.80000+	6	1.00000-	5	6.90000+	6	1.00000-	5	7.00000+	6	1.00000-	5	57	3	53	3725
7.10000+	6	1.00000-	5	7.20000+	6	1.00000-	5	7.30000+	6	1.00000-	5	57	3	53	3726
7.40000+	6	1.00000-	5	7.50000+	6	1.00000-	5	7.60000+	6	1.00000-	5	57	3	53	3727
7.65000+	6	1.00000-	5	7.70000+	6	1.00000-	5	7.80000+	6	1.00000-	5	57	3	53	3728
7.90000+	6	1.00000-	5	8.00000+	6	1.00000-	5	8.10000+	6	1.00000-	5	57	3	53	3729
8.40000+	6	1.00000-	5	8.50000+	6	1.00000-	5	8.60000+	6	1.00000-	5	57	3	53	3730
8.80000+	6	1.00000-	5	9.00000+	6	1.00000-	5	9.20000+	6	1.00000-	5	57	3	53	3731
9.40000+	6	1.00000-	5	9.50000+	6	1.00000-	5	9.60000+	6	1.00000-	5	57	3	53	3732
9.80000+	6	1.00000-	5	1.00000+	7	1.00000-	5	1.05000+	7	1.00000-	5	57	3	53	3733
1.10000+	7	1.00000-	5	1.15000+	7	1.00000-	5	1.19000+	7	1.00000-	5	57	3	53	3734
1.20000+	7	1.00000-	5	1.25000+	7	1.00000-	5	1.30000+	7	1.00000-	5	57	3	53	3735
1.35000+	7	1.00000-	5	1.40000+	7	1.00000-	5	1.45000+	7	1.00000-	5	57	3	53	3736
1.50000+	7	1.00000-	5									57	3	53	3737
9.22350+	4	2.33025+	2									57	3	0	3738
0.00000+	0	-1.02500+	5									57	3	54	3739
	172		2									57	3	54	3740
1.03000+	5	1.00000-	5	1.20000+	5	1.08574-	2	1.35000+	5	2.04287-	2	57	3	54	3741
1.40000+	5	2.36191-	2	1.50000+	5	3.00000-	2	1.60000+	5	3.43478-	2	57	3	54	3742
1.73000+	5	4.00000-	2	1.80000+	5	4.25926-	2	2.00000+	5	5.00000-	2	57	3	54	3743
2.07000+	5	5.00000-	2	2.15000+	5	5.00000-	2	2.20000+	5	5.00000-	2	57	3	54	3744
2.25000+	5	5.00000-	2	2.35000+	5	5.00000-	2	2.40000+	5	5.00000-	2	57	3	54	3745
2.50000+	5	5.00000-	2	2.60000+	5	5.00000-	2	2.70000+	5	5.00000-	2	57	3	54	3746
2.80000+	5	5.00000-	2	3.00000+	5	5.00000-	2	3.20000+	5	5.00000-	2	57	3	54	3747
3.25000+	5	5.00000-	2	3.40000+	5	5.00000-	2	3.50000+	5	5.00000-	2	57	3	54	3748
3.60000+	5	5.00000-	2	3.80000+	5	5.00000-	2	4.00000+	5	5.00000-	2	57	3	54	3749
4.20000+	5	5.00000-	2	4.40000+	5	5.00000-	2	4.50000+	5	5.00000-	2	57	3	54	3750
4.60000+	5	5.00000-	2	4.70000+	5	5.00000-	2	4.80000+	5	5.00000-	2	57	3	54	3751
5.00000+	5	5.00000-	2	5.20000+	5	5.00000-	2	5.40000+	5	5.00000-	2	57	3	54	3752
5.50000+	5	5.00000-	2	5.60000+	5	5.00000-	2	5.70000+	5	5.00000-	2	57	3	54	3753
5.80000+	5	5.00000-	2	6.00000+	5	5.00000-	2	6.20000+	5	5.00000-	2	57	3	54	3754
6.40000+	5	5.00000-	2	6.50000+	5	5.00000-	2	6.60000+	5	5.00000-	2	57	3	54	3755
6.70000+	5	5.00000-	2	6.80000+	5	5.00000-	2	7.00000+	5	5.00000-	2	57	3	54	3756
7.20000+	5	4.60000-	2	7.30000+	5	4.40000-	2	7.40000+	5	4.20000-	2	57	3	54	3757
7.50000+	5	4.00000-	2	7.60000+	5	4.00000-	2	7.70000+	5	4.00000-	2	57	3	54	3758
7.75000+	5	4.00000-	2	7.80000+	5	4.00000-	2	8.00000+	5	4.00000-	2	57	3	54	3759
8.20000+	5	4.00000-	2	8.40000+	5	4.00000-	2	8.50000+	5	4.00000-	2	57	3	54	3760
8.60000+	5	4.00000-	2	8.80000+	5	4.00000-	2	9.00000+	5	4.00000-	2	57	3	54	3761
9.20000+	5	4.00000-	2	9.40000+	5	4.00000-	2	9.50000+	5	4.00000-	2	57	3	54	3762
9.60000+	5	4.00000-	2	9.70000+	5	4.00160-	2	9.80000+	5	4.00240-	2	57	3	54	3763
1.00000+	6	4.00400-	2	1.05000+	6	3.90360-	2	1.10000+	6	3.80320-	2	57	3	54	3764
1.15000+	6	3.70280-	2	1.20000+	6	3.60240-	2	1.25000+	6	3.50200-	2	57	3	54	3765
1.29500+	6	3.41164-	2	1.30000+	6	3.40160-	2	1.35000+	6	3.30120-	2	57	3	54	3766
1.40000+	6	3.20080-	2	1.45000+	6	3.10040-	2	1.49500+	6	3.01004-	2	57	3	54	3767
1.50000+	6	3.00000-	2	1.60000+	6	2.80000-	2	1.70000+	6	2.60000-	2	57	3	54	3768
1.80000+	6	2.40000-	2	1.90000+	6	2.20000-	2	2.00000+	6	2.00000-	2	57	3	54	3769
2.10000+	6	2.00000-	2	2.20000+	6	2.00000-	2	2.30000+	6	2.00000-	2	57	3	54	3770
2.40000+	6	2.00000-	2	2.50000+	6	2.00000-	2	2.60000+	6	2.00000-	2	57	3	54	3771
2.70000+	6	2.00000-	2	2.80000+	6	2.00000-	2	2.90000+	6	2.00000-	2	57	3	54	3772
3.00000+	6	2.00000-	2	3.10000+	6	1.80000-	2	3.20000+	6	1.60000-	2	57	3	54	3773
3.30000+	6	1.40000-	2	3.40000+	6	1.20000-	2	3.50000+	6	1.00000-	2	57	3	54	3774
3.60000+	6	1.00000-	2	3.70000+	6	1.00000-	2	3.80000+	6	1.00000-	2	57	3	54	3775
3.90000+	6	1.00000-	2	4.00000+	6	1.00000-	2	4.10000+	6	9.00000-	3	57	3	54	3776
4.20000+	6	8.00000-	3	4.30000+	6	7.00000-	3	4.40000+	6	6.00000-	3	57	3	54	3777
4.50000+	6	5.00000-	3	4.60000+	6	4.00200-	3	4.70000+	6	3.00400-	3	57	3	54	3778
4.80000+	6	2.00500-	3	4.90000+	6	1.00800-	3	5.00000+	6	1.00000-	5	57	3	54	3779
5.10000+	6	1.00000-	5	5.20000+	6	1.00000-	5	5.25000+	6	1.00000-	5	57	3	54	3780
5.30000+	6	1.00000-	5	5.40000+	6	1.00000-	5	5.50000+	6	1.00000-	5	57	3	54	3781
5.60000+	6	1.00000-	5	5.70000+	6	1.00000-	5	5.80000+	6	1.00000-	5	57	3	54	3782
5.90000+	6	1.00000-	5	6.00000+	6	1.00000-	5	6.10000+	6	1.00000-	5	57	3	54	3783
6.20000+	6	1.00000-	5	6.30000+	6	1.00000-	5	6.40000+	6	1.00000-	5	57	3	54	3784
6.50000+	6	1.00000-	5	6.60000+	6	1.00000-	5	6.70000+	6	1.00000-	5	57	3	54	3785
6.80000+	6	1.00000-	5	6.90000+	6	1.00000-	5	7.00000+	6	1.00000-	5	57	3	54	3786
7.10000+	6	1.00000-	5	7.20000+	6	1.00000-	5	7.30000+	6	1.00000-	5	57	3	54	3787
7.40000+	6	1.00000-	5	7.50000+	6	1.00000-	5	7.60000+	6	1.00000-	5	57	3	54	3788
7.65000+	6	1.00000-	5	7.70000+	6	1.00000-	5	7.80000+	6	1.00000-	5	57	3	54	3789
7.90000+	6	1.00000-	5	8.00000+	6	1.00000-	5	8.20000+	6	1.00000-	5	57	3	54	3790
8.40000+	6	1.00000-	5	8.50000+	6	1.00000-	5	8.60000+	6	1.00000-	5	57	3	54	3791
8.80000+	6	1.00000-	5	9.00000+	6	1.00000-	5	9.20000+	6	1.00000-	5	57	3	54	3792
9.40000+	6	1.00000-	5	9.50000+	6	1.00000-	5	9.60000+	6	1.00000-	5	57	3	54	3793
												57	3	54	3794

9.80000+	6	1.00000-	5	1.00000+	7	1.00000-	5	1.00000+	7	1.00000-	5	57	3	54	3795
1.10000+	7	1.00000-	5	1.15000+	7	1.00000-	5	1.10000+	7	1.00000-	5	57	3	54	3796
1.20000+	7	1.00000-	5	1.25000+	7	1.00000-	5	1.30000+	7	1.00000-	5	57	3	54	3797
1.35000+	7	1.00000-	5	1.40000+	7	1.00000-	5	1.45000+	7	1.00000-	5	57	3	54	3798
1.50000+	7	1.00000-	5									57	3	54	3799
												57	3	0	3800
9.22350+	4	2.33025+	2	0	0	5	0	0	0	0	0	57	3	55	3801
0.00000+	0	-1.49200+	5	0	0	0	1	168				57	3	55	3802
	168		2									57	3	55	3803
1.50000+	5	1.00000-	5	1.00000+	5	0.70130-	3	1.73000+	5	2.00000-	2	57	3	55	3804
1.80000+	5	2.77778-	2	2.00000+	5	5.00000-	2	2.00000+	5	5.00000-	2	57	3	55	3805
2.15000+	5	5.00000-	2	2.20000+	5	5.00000-	2	2.20000+	5	5.00000-	2	57	3	55	3806
2.35000+	5	5.00000-	2	2.40000+	5	5.00000-	2	2.40000+	5	5.00000-	2	57	3	55	3807
2.60000+	5	5.00000-	2	2.70000+	5	5.00000-	2	2.80000+	5	5.00000-	2	57	3	55	3808
3.00000+	5	5.00000-	2	3.20000+	5	5.00000-	2	3.20000+	5	5.00000-	2	57	3	55	3809
3.40000+	5	5.00000-	2	3.50000+	5	5.00000-	2	3.60000+	5	5.00000-	2	57	3	55	3810
3.80000+	5	5.00000-	2	4.00000+	5	5.00000-	2	4.20000+	5	5.00000-	2	57	3	55	3811
4.40000+	5	5.00000-	2	4.50000+	5	5.00000-	2	4.60000+	5	5.00000-	2	57	3	55	3812
4.70000+	5	5.00000-	2	4.80000+	5	5.00000-	2	4.90000+	5	5.00000-	2	57	3	55	3813
5.20000+	5	5.00000-	2	5.40000+	5	5.00000-	2	5.50000+	5	5.00000-	2	57	3	55	3814
5.60000+	5	5.00000-	2	5.70000+	5	5.00000-	2	5.80000+	5	5.00000-	2	57	3	55	3815
6.00000+	5	5.00000-	2	6.20000+	5	5.00000-	2	6.40000+	5	5.00000-	2	57	3	55	3816
6.50000+	5	5.00000-	2	6.60000+	5	5.00000-	2	6.70000+	5	5.00000-	2	57	3	55	3817
6.80000+	5	5.00000-	2	7.00000+	5	5.00000-	2	7.20000+	5	4.60000-	2	57	3	55	3818
7.30000+	5	4.40000-	2	7.40000+	5	4.20000-	2	7.50000+	5	4.00000-	2	57	3	55	3819
7.60000+	5	4.00000-	2	7.70000+	5	4.00000-	2	7.75000+	5	4.00000-	2	57	3	55	3820
7.80000+	5	4.00000-	2	8.00000+	5	4.00000-	2	8.20000+	5	4.00000-	2	57	3	55	3821
8.40000+	5	4.00000-	2	8.50000+	5	4.00000-	2	8.60000+	5	4.00000-	2	57	3	55	3822
8.80000+	5	4.00000-	2	9.00000+	5	4.00000-	2	9.20000+	5	4.00000-	2	57	3	55	3823
9.40000+	5	4.00000-	2	9.50000+	5	4.00000-	2	9.60000+	5	4.00000-	2	57	3	55	3824
9.70000+	5	4.00000-	2	9.80000+	5	4.00000-	2	1.00000+	6	4.00000-	2	57	3	55	3825
1.05000+	6	3.90000-	2	1.10000+	6	3.80000-	2	1.15000+	6	3.70000-	2	57	3	55	3826
1.20000+	6	3.60000-	2	1.25000+	6	3.50000-	2	1.25000+	6	3.41000-	2	57	3	55	3827
1.30000+	6	3.40000-	2	1.35000+	6	3.30000-	2	1.40000+	6	3.20000-	2	57	3	55	3828
1.45000+	6	3.10000-	2	1.49500+	6	3.01000-	2	1.50000+	6	3.00000-	2	57	3	55	3829
1.60000+	6	2.80000-	2	1.70000+	6	2.60000-	2	1.80000+	6	2.40000-	2	57	3	55	3830
1.90000+	6	2.70000-	2	2.00000+	6	2.00000-	2	2.10000+	6	2.00000-	2	57	3	55	3831
2.20000+	6	2.00000-	2	2.30000+	6	2.00000-	2	2.40000+	6	2.00000-	2	57	3	55	3832
2.50000+	6	2.00000-	2	2.60000+	6	2.00000-	2	2.70000+	6	2.00000-	2	57	3	55	3833
2.80000+	6	2.00000-	2	2.90000+	6	2.00000-	2	3.00000+	6	2.00000-	2	57	3	55	3834
3.10000+	6	1.80000-	2	3.20000+	6	1.60000-	2	3.30000+	6	1.40000-	2	57	3	55	3835
3.40000+	6	1.20000-	2	3.50000+	6	1.00000-	2	3.60000+	6	1.00000-	2	57	3	55	3836
3.70000+	6	1.00000-	2	3.80000+	6	1.00000-	2	3.90000+	6	1.00000-	2	57	3	55	3837
4.00000+	6	1.00000-	2	4.10000+	6	9.00000-	3	4.20000+	6	8.00000-	3	57	3	55	3838
4.30000+	6	7.00000-	3	4.40000+	6	6.00000-	3	4.50000+	6	5.00000-	3	57	3	55	3839
4.60000+	6	4.00200-	3	4.70000+	6	3.00400-	3	4.80000+	6	2.00600-	3	57	3	55	3840
4.90000+	6	1.00800-	3	5.00000+	6	1.00000-	5	5.10000+	6	1.00000-	5	57	3	55	3841
5.20000+	6	1.00000-	5	5.25000+	6	1.00000-	5	5.30000+	6	1.00000-	5	57	3	55	3842
5.40000+	6	1.00000-	5	5.50000+	6	1.00000-	5	5.60000+	6	1.00000-	5	57	3	55	3843
5.70000+	6	1.00000-	5	5.80000+	6	1.00000-	5	5.90000+	6	1.00000-	5	57	3	55	3844
6.00000+	6	1.00000-	5	6.10000+	6	1.00000-	5	6.20000+	6	1.00000-	5	57	3	55	3845
6.30000+	6	1.00000-	5	6.40000+	6	1.00000-	5	6.50000+	6	1.00000-	5	57	3	55	3846
6.60000+	6	1.00000-	5	6.70000+	6	1.00000-	5	6.80000+	6	1.00000-	5	57	3	55	3847
6.90000+	6	1.00000-	5	7.00000+	6	1.00000-	5	7.10000+	6	1.00000-	5	57	3	55	3848
7.20000+	6	1.00000-	5	7.30000+	6	1.00000-	5	7.40000+	6	1.00000-	5	57	3	55	3849
7.50000+	6	1.00000-	5	7.60000+	6	1.00000-	5	7.65000+	6	1.00000-	5	57	3	55	3850
7.70000+	6	1.00000-	5	7.80000+	6	1.00000-	5	7.90000+	6	1.00000-	5	57	3	55	3851
8.00000+	6	1.00000-	5	8.20000+	6	1.00000-	5	8.40000+	6	1.00000-	5	57	3	55	3852
8.50000+	6	1.00000-	5	8.60000+	6	1.00000-	5	8.80000+	6	1.00000-	5	57	3	55	3853
9.00000+	6	1.00000-	5	9.20000+	6	1.00000-	5	9.40000+	6	1.00000-	5	57	3	55	3854
9.50000+	6	1.00000-	5	9.60000+	6	1.00000-	5	9.80000+	6	1.00000-	5	57	3	55	3855
1.00000+	7	1.00000-	5	1.05000+	7	1.00000-	5	1.10000+	7	1.00000-	5	57	3	55	3856
1.15000+	7	1.00000-	5	1.19000+	7	1.00000-	5	1.20000+	7	1.00000-	5	57	3	55	3857
1.25000+	7	1.00000-	5	1.30000+	7	1.00000-	5	1.35000+	7	1.00000-	5	57	3	55	3858
1.40000+	7	1.00000-	5	1.45000+	7	1.00000-	5	1.50000+	7	1.00000-	5	57	3	55	3859
												57	3	0	3860
9.22350+	4	2.33025+	2	0	0	6	0	0	0	0	0	57	3	56	3861
0.00000+	0	-1.72000+	5	0	0	0	1	166				57	3	56	3862
	166		2									57	3	56	3863
1.73000+	5	1.00000-	5	1.80000+	5	2.66667-	4	2.00000+	5	1.00000-	3	57	3	56	3864
2.07000+	5	6.00000-	3	2.15000+	5	1.17143-	2	2.20000+	5	1.52857-	2	57	3	56	3865

2.25000+	5	1.88571-	2	2.35000+	5	2.60000-	2	2.40000+	5	3.40000-	2	57	3	56	3866
2.50000+	5	5.00000-	2	2.50000+	5	6.50000-	2	2.70000+	5	8.00000-	2	57	3	56	3867
2.80000+	5	8.66667-	2	3.00000+	5	1.00000-	1	3.20000+	5	1.16000-	1	57	3	56	3868
3.25000+	5	1.20000-	1	3.40000+	5	1.32000-	1	3.50000+	5	1.40000-	1	57	3	56	3869
3.60000+	5	1.46000-	1	3.80000+	5	1.58000-	1	3.90000+	5	1.70000-	1	57	3	56	3870
4.20000+	5	1.78000-	1	4.40000+	5	1.86000-	1	4.50000+	5	1.90000-	1	57	3	56	3871
4.60000+	5	1.92000-	1	4.70000+	5	1.94000-	1	4.80000+	5	1.96000-	1	57	3	56	3872
5.00000+	5	2.00000-	1	5.20000+	5	2.00000-	1	5.40000+	5	2.00000-	1	57	3	56	3873
5.50000+	5	2.00000-	1	5.60000+	5	2.00000-	1	5.70000+	5	2.00000-	1	57	3	56	3874
5.80000+	5	2.00000-	1	6.00000+	5	2.00000-	1	6.20000+	5	2.00000-	1	57	3	56	3875
6.40000+	5	2.00000-	1	6.50000+	5	2.00000-	1	6.60000+	5	1.96000-	1	57	3	56	3876
6.70000+	5	1.92000-	1	6.80000+	5	1.88000-	1	7.00000+	5	1.80000-	1	57	3	56	3877
7.20000+	5	1.72000-	1	7.30000+	5	1.68000-	1	7.40000+	5	1.64000-	1	57	3	56	3878
7.50000+	5	1.60000-	1	7.60000+	5	1.56000-	1	7.70000+	5	1.52000-	1	57	3	56	3879
7.75000+	5	1.50000-	1	7.80000+	5	1.48000-	1	8.00000+	5	1.40000-	1	57	3	56	3880
8.20000+	5	1.24000-	1	8.40000+	5	1.08000-	1	8.50000+	5	1.00000-	1	57	3	56	3881
8.60000+	5	9.60000-	2	8.80000+	5	8.80000-	2	9.00000+	5	8.00000-	2	57	3	56	3882
9.20000+	5	7.20000-	2	9.40000+	5	6.40000-	2	9.50000+	5	6.00000-	2	57	3	56	3883
9.60000+	5	5.60000-	2	9.70000+	5	5.20000-	2	9.80000+	5	4.80000-	2	57	3	56	3884
1.00000+	6	4.00000-	2	1.05000+	6	3.90000-	2	1.10000+	6	3.80000-	2	57	3	56	3885
1.15000+	6	3.70000-	2	1.20000+	6	3.60000-	2	1.25000+	6	3.50000-	2	57	3	56	3886
1.29500+	6	3.41000-	2	1.30000+	6	3.40000-	2	1.35000+	6	3.30000-	2	57	3	56	3887
1.40000+	6	3.20000-	2	1.45000+	6	3.10000-	2	1.45500+	6	3.01000-	2	57	3	56	3888
1.50000+	6	3.00000-	2	1.60000+	6	2.80000-	2	1.70000+	6	2.60000-	2	57	3	56	3889
1.80000+	6	2.40000-	2	1.90000+	6	2.20000-	2	2.00000+	6	2.00000-	2	57	3	56	3890
2.10000+	6	2.00000-	2	2.20000+	6	2.00000-	2	2.30000+	6	2.00000-	2	57	3	56	3891
2.40000+	6	2.00000-	2	2.50000+	6	2.00000-	2	2.60000+	6	2.00000-	2	57	3	56	3892
2.70000+	6	2.00000-	2	2.80000+	6	2.00000-	2	2.90000+	6	2.00000-	2	57	3	56	3893
3.00000+	6	2.00000-	2	3.10000+	6	1.80000-	2	3.20000+	6	1.60000-	2	57	3	56	3894
3.30000+	6	1.40000-	2	3.40000+	6	1.20000-	2	3.50000+	6	1.00000-	2	57	3	56	3895
3.60000+	6	1.00000-	2	3.70000+	6	1.00000-	2	3.80000+	6	1.00000-	2	57	3	56	3896
3.90000+	6	1.00000-	2	4.00000+	6	1.00000-	2	4.10000+	6	9.00000-	3	57	3	56	3897
4.20000+	6	8.00000-	3	4.30000+	6	7.00000-	3	4.40000+	6	6.00000-	3	57	3	56	3898
4.50000+	6	5.00000-	3	4.60000+	6	4.00200-	3	4.70000+	6	3.00400-	3	57	3	56	3899
4.80000+	6	2.00600-	3	4.90000+	6	1.00800-	3	5.00000+	6	1.00000-	3	57	3	56	3900
5.10000+	6	1.00000-	5	5.20000+	6	1.00000-	5	5.25000+	6	1.00000-	5	57	3	56	3901
5.30000+	6	1.00000-	5	5.40000+	6	1.00000-	5	5.50000+	6	1.00000-	5	57	3	56	3902
5.60000+	6	1.00000-	5	5.70000+	6	1.00000-	5	5.80000+	6	1.00000-	5	57	3	56	3903
5.90000+	6	1.00000-	5	6.00000+	6	1.00000-	5	6.10000+	6	1.00000-	5	57	3	56	3904
6.20000+	6	1.00000-	5	6.30000+	6	1.00000-	5	6.40000+	6	1.00000-	5	57	3	56	3905
6.50000+	6	1.00000-	5	6.60000+	6	1.00000-	5	6.70000+	6	1.00000-	5	57	3	56	3906
6.80000+	6	1.00000-	5	6.90000+	6	1.00000-	5	7.00000+	6	1.00000-	5	57	3	56	3907
7.10000+	6	1.00000-	5	7.20000+	6	1.00000-	5	7.30000+	6	1.00000-	5	57	3	56	3908
7.40000+	6	1.00000-	5	7.50000+	6	1.00000-	5	7.60000+	6	1.00000-	5	57	3	56	3909
7.65000+	6	1.00000-	5	7.70000+	6	1.00000-	5	7.80000+	6	1.00000-	5	57	3	56	3910
7.90000+	6	1.00000-	5	8.00000+	6	1.00000-	5	8.20000+	6	1.00000-	5	57	3	56	3911
8.40000+	6	1.00000-	5	8.50000+	6	1.00000-	5	8.60000+	6	1.00000-	5	57	3	56	3912
8.80000+	6	1.00000-	5	9.00000+	6	1.00000-	5	9.20000+	6	1.00000-	5	57	3	56	3913
9.40000+	6	1.00000-	5	9.50000+	6	1.00000-	5	9.60000+	6	1.00000-	5	57	3	56	3914
9.80000+	6	1.00000-	5	1.00000+	7	1.00000-	5	1.05000+	7	1.00000-	5	57	3	56	3915
1.10000+	7	1.00000-	5	1.15000+	7	1.00000-	5	1.15000+	7	1.00000-	5	57	3	56	3916
1.20000+	7	1.00000-	5	1.25000+	7	1.00000-	5	1.30000+	7	1.00000-	5	57	3	56	3917
1.35000+	7	1.00000-	5	1.40000+	7	1.00000-	5	1.45000+	7	1.00000-	5	57	3	56	3918
1.50000+	7	1.00000-	5									57	3	56	3919
												57	3	0	3920
9.22350+	4	2.33025+	2				7		0		0	57	3	57	3921
0.00000+	0	2.34000+	5				0		1		159	57	3	57	3922
	159		2									57	3	57	3923
2.35000+	5	1.00000-	5	2.40000+	5	1.00007-	2	2.50000+	5	3.00000-	2	57	3	57	3924
2.60000+	5	3.50000-	2	2.70000+	5	4.00000-	2	2.80000+	5	4.33333-	2	57	3	57	3925
3.00000+	5	5.00000-	2	3.20000+	5	5.80000-	2	3.25000+	5	6.00000-	2	57	3	57	3926
3.40000+	5	6.00000-	2	3.50000+	5	7.00000-	2	3.60000+	5	7.20000-	2	57	3	57	3927
3.80000+	5	7.60000-	2	4.00000+	5	8.00000-	2	4.20000+	5	8.40000-	2	57	3	57	3928
4.40000+	5	8.80000-	2	4.50000+	5	9.00000-	2	4.60000+	5	9.20000-	2	57	3	57	3929
4.70000+	5	9.40000-	2	4.80000+	5	9.60000-	2	5.00000+	5	1.00000-	1	57	3	57	3930
5.20000+	5	1.00000-	1	5.40000+	5	1.00000-	1	5.50000+	5	1.00000-	1	57	3	57	3931
5.60000+	5	1.00000-	1	5.70000+	5	1.00000-	1	5.80000+	5	1.00000-	1	57	3	57	3932
6.00000+	5	1.00000-	1	6.20000+	5	1.00000-	1	6.40000+	5	1.00000-	1	57	3	57	3933
6.50000+	5	1.00000-	1	6.60000+	5	9.80000-	2	6.70000+	5	9.60000-	2	57	3	57	3934
6.80000+	5	9.40000-	2	7.00000+	5	9.00000-	2	7.20000+	5	8.60000-	2	57	3	57	3935
7.30000+	5	8.40000-	2	7.40000+	5	8.20000-	2	7.50000+	5	8.00000-	2	57	3	57	3936

7.60000+	5	7.80000-	2	7.70000+	5	7.60000-	2	7.75000+	5	7.50000-	2	57	3	57	3937	
7.80000+	5	7.40000-	2	8.00000+	5	7.00000-	2	8.20000+	5	6.60000-	2	57	3	57	3938	
8.40000+	5	6.20000-	2	8.50000+	5	6.00000-	2	8.60000+	5	5.80000-	2	57	3	57	3939	
8.80000+	5	5.40000-	2	9.00000+	5	5.00000-	2	9.20000+	5	4.60000-	2	57	3	57	3940	
9.40000+	5	4.20000-	2	9.50000+	5	4.00000-	2	9.60000+	5	4.00000-	2	57	3	57	3941	
9.70000+	5	4.00000-	2	9.80000+	5	4.00000-	2	1.00000+	6	4.00000-	2	57	3	57	3942	
1.05000+	6	3.90000-	2	1.10000+	6	3.80000-	2	1.15000+	6	3.70000-	2	57	3	57	3943	
1.20000+	6	3.60000-	2	1.25000+	6	3.50000-	2	1.25500+	6	3.41000-	2	57	3	57	3944	
1.30000+	6	3.40000-	2	1.35000+	6	3.30000-	2	1.40000+	6	3.20000-	2	57	3	57	3945	
1.45000+	6	3.10000-	2	1.49500+	6	3.01000-	2	1.50000+	6	3.00000-	2	57	3	57	3946	
1.60000+	6	2.80000-	2	1.70000+	6	2.60000-	2	1.80000+	6	2.40000-	2	57	3	57	3947	
1.90000+	6	2.20000-	2	2.00000+	6	2.00000-	2	2.10000+	6	2.00000-	2	57	3	57	3948	
2.20000+	6	2.00000-	2	2.30000+	6	2.00000-	2	2.40000+	6	2.00000-	2	57	3	57	3949	
2.50000+	6	2.00000-	2	2.60000+	6	2.00000-	2	2.70000+	6	2.00000-	2	57	3	57	3950	
2.80000+	6	2.00000-	2	2.90000+	6	2.00000-	2	3.00000+	6	2.00000-	2	57	3	57	3951	
3.10000+	6	1.80000-	2	3.20000+	6	1.60000-	2	3.30000+	6	1.40000-	2	57	3	57	3952	
3.40000+	6	1.20000-	2	3.50000+	6	1.00000-	2	3.60000+	6	1.00000-	2	57	3	57	3953	
3.70000+	6	1.00000-	2	3.80000+	6	1.00000-	2	3.90000+	6	1.00000-	2	57	3	57	3954	
4.00000+	6	1.00000-	2	4.10000+	6	9.00000-	3	4.20000+	6	8.00000-	3	57	3	57	3955	
4.30000+	6	7.00000-	3	4.40000+	6	6.00000-	3	4.50000+	6	5.00000-	3	57	3	57	3956	
4.60000+	6	4.00200-	3	4.70000+	6	3.00400-	3	4.80000+	6	2.00600-	3	57	3	57	3957	
4.90000+	6	1.00800-	3	5.00000+	6	1.00000-	5	5.10000+	6	1.00000-	5	57	3	57	3958	
5.20000+	6	1.00000-	5	5.25000+	6	1.00000-	5	5.30000+	6	1.00000-	5	57	3	57	3959	
5.40000+	6	1.00000-	5	5.50000+	6	1.00000-	5	5.60000+	6	1.00000-	5	57	3	57	3960	
5.70000+	6	1.00000-	5	5.80000+	6	1.00000-	5	5.90000+	6	1.00000-	5	57	3	57	3961	
6.00000+	6	1.00000-	5	6.10000+	6	1.00000-	5	6.20000+	6	1.00000-	5	57	3	57	3962	
6.30000+	6	1.00000-	5	6.40000+	6	1.00000-	5	6.50000+	6	1.00000-	5	57	3	57	3963	
6.60000+	6	1.00000-	5	6.70000+	6	1.00000-	5	6.80000+	6	1.00000-	5	57	3	57	3964	
6.90000+	6	1.00000-	5	7.00000+	6	1.00000-	5	7.10000+	6	1.00000-	5	57	3	57	3965	
7.20000+	6	1.00000-	5	7.30000+	6	1.00000-	5	7.40000+	6	1.00000-	5	57	3	57	3966	
7.50000+	6	1.00000-	5	7.60000+	6	1.00000-	5	7.65000+	6	1.00000-	5	57	3	57	3967	
7.70000+	6	1.00000-	5	7.80000+	6	1.00000-	5	7.90000+	6	1.00000-	5	57	3	57	3968	
8.00000+	6	1.00000-	5	8.20000+	6	1.00000-	5	8.40000+	6	1.00000-	5	57	3	57	3969	
8.50000+	6	1.00000-	5	8.60000+	6	1.00000-	5	8.80000+	6	1.00000-	5	57	3	57	3970	
9.00000+	6	1.00000-	5	9.20000+	6	1.00000-	5	9.40000+	6	1.00000-	5	57	3	57	3971	
9.50000+	6	1.00000-	5	9.60000+	6	1.00000-	5	9.80000+	6	1.00000-	5	57	3	57	3972	
1.00000+	7	1.00000-	5	1.05000+	7	1.00000-	5	1.10000+	7	1.00000-	5	57	3	57	3973	
1.15000+	7	1.00000-	5	1.19000+	7	1.00000-	5	1.20000+	7	1.00000-	5	57	3	57	3974	
1.25000+	7	1.00000-	5	1.30000+	7	1.00000-	5	1.35000+	7	1.00000-	5	57	3	57	3975	
1.40000+	7	1.00000-	5	1.45000+	7	1.00000-	5	1.50000+	7	1.00000-	5	57	3	57	3976	
9.22350+	4	2.33025+	2									57	3	0	3977	
0.00000+	0	2.68000+	5									57	3	58	3978	
												155	57	3	58	3979
	155		2										57	3	58	3980
2.70000+	5	1.00000-	5	2.80000+	5	6.67333-	3	3.00000+	5	2.00000-	2	57	3	58	3981	
3.20000+	5	2.80000-	2	3.25000+	5	3.00000-	2	3.40000+	5	3.60000-	2	57	3	58	3982	
3.50000+	5	4.00000-	2	3.60000+	5	4.60000-	2	3.80000+	5	5.80000-	2	57	3	58	3983	
4.00000+	5	7.00000-	2	4.20000+	5	7.80000-	2	4.40000+	5	8.60000-	2	57	3	58	3984	
4.50000+	5	9.00000-	2	4.60000+	5	9.20000-	2	4.70000+	5	9.40000-	2	57	3	58	3985	
4.80000+	5	9.60000-	2	5.00000+	5	1.00000-	1	5.20000+	5	1.00000-	1	57	3	58	3986	
5.40000+	5	1.00000-	1	5.50000+	5	1.00000-	1	5.60000+	5	1.00000-	1	57	3	58	3987	
5.70000+	5	1.00000-	1	5.80000+	5	1.00000-	1	5.90000+	5	1.00000-	1	57	3	58	3988	
6.20000+	5	1.00000-	1	6.40000+	5	1.00000-	1	6.50000+	5	1.00000-	1	57	3	58	3989	
6.60000+	5	1.00000-	1	6.70000+	5	1.00000-	1	6.80000+	5	1.00000-	1	57	3	58	3990	
7.00000+	5	1.00000-	1	7.20000+	5	9.60000-	2	7.30000+	5	9.40000-	2	57	3	58	3991	
7.40000+	5	9.20000-	2	7.50000+	5	9.00000-	2	7.60000+	5	8.80000-	2	57	3	58	3992	
7.70000+	5	8.60000-	2	7.75000+	5	8.50000-	2	7.80000+	5	8.40000-	2	57	3	58	3993	
8.00000+	5	8.00000-	2	8.20000+	5	7.20000-	2	8.40000+	5	6.40000-	2	57	3	58	3994	
8.50000+	5	6.00000-	2	8.60000+	5	5.80000-	2	8.80000+	5	5.40000-	2	57	3	58	3995	
9.00000+	5	5.00000-	2	9.20000+	5	4.60000-	2	9.40000+	5	4.20000-	2	57	3	58	3996	
9.50000+	5	4.00000-	2	9.60000+	5	4.00000-	2	9.70000+	5	4.00000-	2	57	3	58	3997	
9.80000+	5	4.00000-	2	1.00000+	6	4.00000-	2	1.05000+	6	3.90000-	2	57	3	58	3998	
1.10000+	6	3.80000-	2	1.15000+	6	3.70000-	2	1.20000+	6	3.60000-	2	57	3	58	3999	
1.25000+	6	3.50000-	2	1.29500+	6	3.41000-	2	1.30000+	6	3.40000-	2	57	3	58	4000	
1.35000+	6	3.30000-	2	1.40000+	6	3.20000-	2	1.45000+	6	3.10000-	2	57	3	58	4001	
1.49500+	6	3.01000-	2	1.50000+	6	3.00000-	2	1.60000+	6	2.80000-	2	57	3	58	4002	
1.70000+	6	2.60000-	2	1.80000+	6	2.40000-	2	1.90000+	6	2.20000-	2	57	3	58	4003	
2.00000+	6	2.00000-	2	2.10000+	6	2.00000-	2	2.20000+	6	2.00000-	2	57	3	58	4004	
2.30000+	6	2.00000-	2	2.40000+	6	2.00000-	2	2.50000+	6	2.00000-	2	57	3	58	4005	
2.60000+	6	2.00000-	2	2.70000+	6	2.00000-	2	2.80000+	6	2.00000-	2	57	3	58	4006	
2.90000+	6	2.00000-	2	3.00000+	6	2.00000-	2	3.10000+	6	1.80000-	2	57	3	58	4007	



3.20000+	6	1.60000-	2	3.30000+	6	1.40000-	2	3.40000+	6	1.20000-	2	57	3	58	4008
3.50000+	6	1.00000-	2	3.60000+	6	1.00000-	2	3.70000+	6	1.00000-	2	57	3	58	4009
3.80000+	6	1.00000-	2	3.90000+	6	1.00000-	2	4.00000+	6	1.00000-	2	57	3	58	4010
4.10000+	6	9.00000-	3	4.20000+	6	8.00000-	3	4.30000+	6	7.00000-	3	57	3	58	4011
4.40000+	6	6.00000-	3	4.50000+	6	5.00000-	3	4.60000+	6	4.00200-	3	57	3	58	4012
4.70000+	6	3.00400-	3	4.80000+	6	2.00000-	3	4.90000+	6	1.00000-	3	57	3	58	4013
5.00000+	6	1.00000-	5	5.10000+	6	1.00000-	5	5.20000+	6	1.00000-	5	57	3	58	4014
5.25000+	6	1.00000-	5	5.30000+	6	1.00000-	5	5.40000+	6	1.00000-	5	57	3	58	4015
5.50000+	6	1.00000-	5	5.60000+	6	1.00000-	5	5.70000+	6	1.00000-	5	57	3	58	4016
5.80000+	6	1.00000-	5	5.90000+	6	1.00000-	5	6.00000+	6	1.00000-	5	57	3	58	4017
6.10000+	6	1.00000-	5	6.20000+	6	1.00000-	5	6.30000+	6	1.00000-	5	57	3	58	4018
6.40000+	6	1.00000-	5	6.50000+	6	1.00000-	5	6.60000+	6	1.00000-	5	57	3	58	4019
6.70000+	6	1.00000-	5	6.80000+	6	1.00000-	5	6.90000+	6	1.00000-	5	57	3	58	4020
7.00000+	6	1.00000-	5	7.10000+	6	1.00000-	5	7.20000+	6	1.00000-	5	57	3	58	4021
7.30000+	6	1.00000-	5	7.40000+	6	1.00000-	5	7.50000+	6	1.00000-	5	57	3	58	4022
7.60000+	6	1.00000-	5	7.65000+	6	1.00000-	5	7.70000+	6	1.00000-	5	57	3	58	4023
7.80000+	6	1.00000-	5	7.90000+	6	1.00000-	5	8.00000+	6	1.00000-	5	57	3	58	4024
8.20000+	6	1.00000-	5	8.40000+	6	1.00000-	5	8.50000+	6	1.00000-	5	57	3	58	4025
8.60000+	6	1.00000-	5	8.80000+	6	1.00000-	5	9.00000+	6	1.00000-	5	57	3	58	4026
9.20000+	6	1.00000-	5	9.40000+	6	1.00000-	5	9.50000+	6	1.00000-	5	57	3	58	4027
9.60000+	6	1.00000-	5	9.80000+	6	1.00000-	5	1.00000+	7	1.00000-	5	57	3	58	4028
1.05000+	7	1.00000-	5	1.10000+	7	1.00000-	5	1.15000+	7	1.00000-	5	57	3	58	4029
1.19000+	7	1.00000-	5	1.20000+	7	1.00000-	5	1.25000+	7	1.00000-	5	57	3	58	4030
1.30000+	7	1.00000-	5	1.35000+	7	1.00000-	5	1.40000+	7	1.00000-	5	57	3	58	4031
1.45000+	7	1.00000-	5	1.50000+	7	1.00000-	5					57	3	58	4032
												57	3	0	4033
9.22350+	4	2.33025+	2				9		0		0	57	3	59	4034
0.00000+	0	-3.98000+	5				0		1		146	57	3	59	4035
	146		2									57	3	59	4036
4.00000+	5	1.00000-	5	4.20000+	5	2.00000-	2	4.40000+	5	4.00020-	2	57	3	59	4037
4.50000+	5	5.00000-	2	4.60000+	5	5.60000-	2	4.70000+	5	6.20000-	2	57	3	59	4038
4.80000+	5	6.80000-	2	5.00000+	5	8.00000-	2	5.20000+	5	8.80000-	2	57	3	59	4039
5.40000+	5	9.60000-	2	5.50000+	5	1.00000-	1	5.60000+	5	1.08000-	1	57	3	59	4040
5.70000+	5	1.16000-	1	5.80000+	5	1.24000-	1	5.90000+	5	1.40000-	1	57	3	59	4041
6.20000+	5	1.52000-	1	6.40000+	5	1.64000-	1	6.50000+	5	1.70000-	1	57	3	59	4042
6.60000+	5	1.72000-	1	6.70000+	5	1.74000-	1	6.80000+	5	1.76000-	1	57	3	59	4043
7.00000+	5	1.80000-	1	7.20000+	5	1.84000-	1	7.30000+	5	1.86000-	1	57	3	59	4044
7.40000+	5	1.88000-	1	7.50000+	5	1.90000-	1	7.60000+	5	1.92000-	1	57	3	59	4045
7.70000+	5	1.94000-	1	7.75000+	5	1.95000-	1	7.80000+	5	1.96000-	1	57	3	59	4046
8.00000+	5	2.00000-	1	8.20000+	5	2.00000-	1	8.40000+	5	2.00000-	1	57	3	59	4047
8.50000+	5	2.00000-	1	8.60000+	5	2.00000-	1	8.80000+	5	2.00000-	1	57	3	59	4048
9.00000+	5	2.00000-	1	9.20000+	5	2.00000-	1	9.40000+	5	2.00000-	1	57	3	59	4049
9.50000+	5	2.00000-	1	9.60000+	5	1.96000-	1	9.70000+	5	1.92000-	1	57	3	59	4050
9.80000+	5	1.88000-	1	1.00000+	6	1.80000-	1	1.05000+	6	1.77000-	1	57	3	59	4051
1.10000+	6	1.74000-	1	1.15000+	6	1.71000-	1	1.20000+	6	1.68000-	1	57	3	59	4052
1.25000+	6	1.65000-	1	1.29500+	6	1.62300-	1	1.30000+	6	1.62000-	1	57	3	59	4053
1.35000+	6	1.59000-	1	1.40000+	6	1.56000-	1	1.45000+	6	1.53000-	1	57	3	59	4054
1.49500+	6	1.50300-	1	1.50000+	6	1.50000-	1	1.60000+	6	1.46000-	1	57	3	59	4055
1.70000+	6	1.42000-	1	1.80000+	6	1.38000-	1	1.90000+	6	1.34000-	1	57	3	59	4056
2.00000+	6	1.30000-	1	2.10000+	6	1.24000-	1	2.20000+	6	1.18000-	1	57	3	59	4057
2.30000+	6	1.12000-	1	2.40000+	6	1.06000-	1	2.50000+	6	1.00000-	1	57	3	59	4058
2.60000+	6	9.80000-	2	2.70000+	6	9.60000-	2	2.80000+	6	9.40000-	2	57	3	59	4059
2.90000+	6	9.20000-	2	3.00000+	6	9.00000-	2	3.10000+	6	8.60000-	2	57	3	59	4060
3.20000+	6	8.20000-	2	3.30000+	6	7.80000-	2	3.40000+	6	7.40000-	2	57	3	59	4061
3.50000+	6	7.00000-	2	3.60000+	6	6.40000-	2	3.70000+	6	5.80000-	2	57	3	59	4062
3.80000+	6	5.20000-	2	3.90000+	6	4.60000-	2	4.00000+	6	4.00000-	2	57	3	59	4063
4.10000+	6	3.40000-	2	4.20000+	6	2.80000-	2	4.30000+	6	2.20000-	2	57	3	59	4064
4.40000+	6	1.60000-	2	4.50000+	6	1.00000-	2	4.60000+	6	8.36800-	3	57	3	59	4065
4.70000+	6	6.73600-	3	4.80000+	6	5.10400-	3	4.90000+	6	3.47200-	3	57	3	59	4066
5.00000+	6	1.84000-	3	5.10000+	6	1.47400-	3	5.20000+	6	1.10800-	3	57	3	59	4067
5.25000+	6	9.25000-	4	5.30000+	6	7.42000-	4	5.40000+	6	3.76000-	4	57	3	59	4068
5.50000+	6	1.00000-	5	5.60000+	6	1.00000-	5	5.70000+	6	1.00000-	5	57	3	59	4069
5.80000+	6	1.00000-	5	5.90000+	6	1.00000-	5	6.00000+	6	1.00000-	5	57	3	59	4070
6.10000+	6	1.00000-	5	6.20000+	6	1.00000-	5	6.30000+	6	1.00000-	5	57	3	59	4071
6.40000+	6	1.00000-	5	6.50000+	6	1.00000-	5	6.60000+	6	1.00000-	5	57	3	59	4072
6.70000+	6	1.00000-	5	6.80000+	6	1.00000-	5	6.90000+	6	1.00000-	5	57	3	59	4073
7.00000+	6	1.00000-	5	7.10000+	6	1.00000-	5	7.20000+	6	1.00000-	5	57	3	59	4074
7.30000+	6	1.00000-	5	7.40000+	6	1.00000-	5	7.50000+	6	1.00000-	5	57	3	59	4075
7.60000+	6	1.00000-	5	7.65000+	6	1.00000-	5	7.70000+	6	1.00000-	5	57	3	59	4076
7.80000+	6	1.00000-	5	7.90000+	6	1.00000-	5	8.00000+	6	1.00000-	5	57	3	59	4077

8.20000+	6	1.00000-	5	8.40000+	6	1.00000-	5	8.50000+	6	1.00000-	5	57	3	59	4078
8.60000+	6	1.00000-	5	8.80000+	6	1.00000-	5	9.00000+	6	1.00000-	5	57	3	59	4079
9.20000+	6	1.00000-	5	9.40000+	6	1.00000-	5	9.50000+	6	1.00000-	5	57	3	59	4080
9.60000+	6	1.00000-	5	9.80000+	6	1.00000-	5	1.00000+	7	1.00000-	5	57	3	59	4081
1.05000+	7	1.00000-	5	1.10000+	7	1.00000-	5	1.15000+	7	1.00000-	5	57	3	59	4082
1.19000+	7	1.00000-	5	1.20000+	7	1.00000-	5	1.25000+	7	1.00000-	5	57	3	59	4083
1.30000+	7	1.00000-	5	1.35000+	7	1.00000-	5	1.40000+	7	1.00000-	5	57	3	59	4084
1.45000+	7	1.00000-	5	1.50000+	7	1.00000-	5					57	3	59	4085
												57	3	0	4086
9.22350+	4	2.33025+	2				10				0	57	3	60	4087
0.00000+	0	5.97000+	5				0				1	57	3	60	4088
	132		2								132	57	3	60	4089
6.00000+	5	1.00000-	5	6.20000+	5	4.00000-	2	6.40000+	5	8.00020-	2	57	3	60	4090
6.50000+	5	1.00000-	1	6.60000+	5	1.24000-	1	6.70000+	5	1.48000-	1	57	3	60	4091
6.80000+	5	1.72000-	1	7.00000+	5	2.20000-	1	7.20000+	5	2.60000-	1	57	3	60	4092
7.30000+	5	2.80000-	1	7.40000+	5	3.00000-	1	7.50000+	5	3.20000-	1	57	3	60	4093
7.60000+	5	3.36000-	1	7.70000+	5	3.52000-	1	7.75000+	5	3.60000-	1	57	3	60	4094
7.80000+	5	3.68000-	1	8.00000+	5	4.00000-	1	8.20000+	5	4.40000-	1	57	3	60	4095
8.40000+	5	4.80000-	1	8.50000+	5	5.00000-	1	8.60000+	5	5.20000-	1	57	3	60	4096
8.80000+	5	5.60000-	1	9.00000+	5	6.00000-	1	9.20000+	5	6.32000-	1	57	3	60	4097
9.40000+	5	6.64000-	1	9.50000+	5	6.80000-	1	9.60000+	5	7.00000-	1	57	3	60	4098
9.70000+	5	7.20000-	1	9.80000+	5	7.40000-	1	1.00000+	6	7.80000-	1	57	3	60	4099
1.05000+	6	7.85000-	1	1.10000+	6	7.90000-	1	1.15000+	6	7.95000-	1	57	3	60	4100
1.20000+	6	8.00000-	1	1.25000+	6	8.05000-	1	1.29500+	6	8.09500-	1	57	3	60	4101
1.30000+	6	8.10000-	1	1.35000+	6	8.15000-	1	1.40000+	6	8.20000-	1	57	3	60	4102
1.45000+	6	8.25000-	1	1.49500+	6	8.29500-	1	1.50000+	6	8.30000-	1	57	3	60	4103
1.60000+	6	8.30000-	1	1.70000+	6	8.30000-	1	1.80000+	6	8.30000-	1	57	3	60	4104
1.90000+	6	8.30000-	1	2.00000+	6	8.30000-	1	2.10000+	6	8.20000-	1	57	3	60	4105
2.20000+	6	8.10000-	1	2.30000+	6	8.00000-	1	2.40000+	6	7.90000-	1	57	3	60	4106
2.50000+	6	7.80000-	1	2.60000+	6	7.40000-	1	2.70000+	6	7.00000-	1	57	3	60	4107
2.80000+	6	6.60000-	1	2.90000+	6	6.20000-	1	3.00000+	6	5.80000-	1	57	3	60	4108
3.10000+	6	5.36000-	1	3.20000+	6	4.92000-	1	3.30000+	6	4.48000-	1	57	3	60	4109
3.40000+	6	4.04000-	1	3.50000+	6	3.60000-	1	3.60000+	6	3.34000-	1	57	3	60	4110
3.70000+	6	3.08000-	1	3.80000+	6	2.82000-	1	3.90000+	6	2.56000-	1	57	3	60	4111
4.00000+	6	2.30000-	1	4.10000+	6	2.08000-	1	4.20000+	6	1.86000-	1	57	3	60	4112
4.30000+	6	1.64000-	1	4.40000+	6	1.42000-	1	4.50000+	6	1.20000-	1	57	3	60	4113
4.60000+	6	1.03000-	1	4.70000+	6	8.60000-	2	4.80000+	6	6.90000-	2	57	3	60	4114
4.90000+	6	5.20000-	2	5.00000+	6	3.50000-	2	5.10000+	6	3.15400-	2	57	3	60	4115
5.20000+	6	2.80800-	2	5.25000+	6	2.63500-	2	5.30000+	6	2.46200-	2	57	3	60	4116
5.40000+	6	2.11600-	2	5.50000+	6	1.77000-	2	5.60000+	6	1.48200-	2	57	3	60	4117
5.70000+	6	1.19400-	2	5.80000+	6	9.06000-	3	5.90000+	6	6.18000-	3	57	3	60	4118
6.00000+	6	3.30000-	3	6.10000+	6	2.64200-	3	6.20000+	6	1.98400-	3	57	3	60	4119
6.30000+	6	1.32600-	3	6.40000+	6	6.68000-	4	6.50000+	6	1.00000-	5	57	3	60	4120
6.60000+	6	1.00000-	5	6.70000+	6	1.00000-	5	6.80000+	6	1.00000-	5	57	3	60	4121
6.90000+	6	1.00000-	5	7.00000+	6	1.00000-	5	7.10000+	6	1.00000-	5	57	3	60	4122
7.20000+	6	1.00000-	5	7.30000+	6	1.00000-	5	7.40000+	6	1.00000-	5	57	3	60	4123
7.50000+	6	1.00000-	5	7.60000+	6	1.00000-	5	7.65000+	6	1.00000-	5	57	3	60	4124
7.70000+	6	1.00000-	5	7.80000+	6	1.00000-	5	7.90000+	6	1.00000-	5	57	3	60	4125
8.00000+	6	1.00000-	5	8.20000+	6	1.00000-	5	8.40000+	6	1.00000-	5	57	3	60	4126
8.50000+	6	1.00000-	5	8.60000+	6	1.00000-	5	8.80000+	6	1.00000-	5	57	3	60	4127
9.00000+	6	1.00000-	5	9.20000+	6	1.00000-	5	9.40000+	6	1.00000-	5	57	3	60	4128
9.50000+	6	1.00000-	5	9.60000+	6	1.00000-	5	9.80000+	6	1.00000-	5	57	3	60	4129
1.00000+	7	1.00000-	5	1.05000+	7	1.00000-	5	1.10000+	7	1.00000-	5	57	3	60	4130
1.15000+	7	1.00000-	5	1.19000+	7	1.00000-	5	1.20000+	7	1.00000-	5	57	3	60	4131
1.25000+	7	1.00000-	5	1.30000+	7	1.00000-	5	1.35000+	7	1.00000-	5	57	3	60	4132
1.40000+	7	1.00000-	5	1.45000+	7	1.00000-	5	1.50000+	7	1.00000-	5	57	3	60	4133
												57	3	0	4134
9.22350+	4	2.33025+	2				99				0	57	3	91	4135
0.00000+	0	0.00000+	0				0				1	57	3	91	4136
	107		2								107	57	3	91	4137
9.50000+	5	1.00000-	5	9.60000+	5	4.00800-	3	9.70000+	5	8.00600-	3	57	3	91	4138
9.80000+	5	1.20040-	2	1.00000+	6	2.00000-	2	1.05000+	6	5.10000-	2	57	3	91	4139
1.10000+	6	8.20000-	2	1.15000+	6	1.13000-	1	1.20000+	6	1.44000-	1	57	3	91	4140
1.25000+	6	1.75000-	1	1.29500+	6	2.02900-	1	1.30000+	6	2.06000-	1	57	3	91	4141
1.35000+	6	2.37000-	1	1.40000+	6	2.68000-	1	1.45000+	6	2.99000-	1	57	3	91	4142
1.49500+	6	3.26900-	1	1.50000+	6	3.30000-	1	1.60000+	6	3.80000-	1	57	3	91	4143
1.70000+	6	4.30000-	1	1.80000+	6	4.80000-	1	1.90000+	6	5.30000-	1	57	3	91	4144
2.00000+	6	5.80000-	1	2.10000+	6	6.00000-	1	2.20000+	6	6.20000-	1	57	3	91	4145
2.30000+	6	6.40000-	1	2.40000+	6	6.60000-	1	2.50000+	6	6.80000-	1	57	3	91	4146
2.60000+	6	7.36000-	1	2.70000+	6	7.92000-	1	2.80000+	6	8.48000-	1	57	3	91	4147

2.90000+	6	9.04000-	1	3.00000+	6	9.60000-	1	3.10000+	6	1.02200+	0	57	3	91	4148
3.20000+	6	1.08400+	0	3.30000+	6	1.14600+	0	3.40000+	6	1.20800+	0	57	3	91	4149
3.50000+	6	1.27000+	0	3.60000+	6	1.30600+	0	3.70000+	6	1.34200+	0	57	3	91	4150
3.80000+	6	1.37800+	0	3.90000+	6	1.41400+	0	4.00000+	6	1.45000+	0	57	3	91	4151
4.10000+	6	1.49000+	0	4.20000+	6	1.53000+	0	4.30000+	6	1.57000+	0	57	3	91	4152
4.40000+	6	1.61000+	0	4.50000+	6	1.65000+	0	4.60000+	6	1.67943+	0	57	3	91	4153
4.70000+	6	1.70886+	0	4.80000+	6	1.73830+	0	4.90000+	6	1.76773+	0	57	3	91	4154
5.00000+	6	1.79716+	0	5.10000+	6	1.78699+	0	5.20000+	6	1.77682+	0	57	3	91	4155
5.25000+	6	1.77173+	0	5.30000+	6	1.76664+	0	5.40000+	6	1.75647+	0	57	3	91	4156
5.50000+	6	1.74630+	0	5.60000+	6	1.72518+	0	5.70000+	6	1.70406+	0	57	3	91	4157
5.80000+	6	1.68294+	0	5.90000+	6	1.66182+	0	6.00000+	6	1.64070+	0	57	3	91	4158
6.10000+	6	1.58336+	0	6.20000+	6	1.52602+	0	6.30000+	6	1.46868+	0	57	3	91	4159
6.40000+	6	1.41134+	0	6.50000+	6	1.35400+	0	6.60000+	6	1.30000+	0	57	3	91	4160
6.70000+	6	1.24600+	0	6.80000+	6	1.19200+	0	6.90000+	6	1.13800+	0	57	3	91	4161
7.00000+	6	1.08400+	0	7.10000+	6	1.03200+	0	7.20000+	6	9.80000-	1	57	3	91	4162
7.30000+	6	9.28000-	1	7.40000+	6	8.76000-	1	7.50000+	6	8.24000-	1	57	3	91	4163
7.60000+	6	7.84000-	1	7.65000+	6	7.64000-	1	7.70000+	6	7.44000-	1	57	3	91	4164
7.80000+	6	7.04000-	1	7.90000+	6	6.64000-	1	8.00000+	6	6.24000-	1	57	3	91	4165
8.20000+	6	5.76000-	1	8.40000+	6	5.28000-	1	8.50000+	6	5.04000-	1	57	3	91	4166
8.60000+	6	4.96000-	1	8.80000+	6	4.80000-	1	9.00000+	6	4.64000-	1	57	3	91	4167
9.20000+	6	4.52000-	1	9.40000+	6	4.40000-	1	9.50000+	6	4.34000-	1	57	3	91	4168
9.60000+	6	4.32000-	1	9.80000+	6	4.28000-	1	1.00000+	7	4.24000-	1	57	3	91	4169
1.05000+	7	4.14000-	1	1.10000+	7	4.04000-	1	1.15000+	7	3.94000-	1	57	3	91	4170
1.19000+	7	3.78000-	1	1.20000+	7	3.74000-	1	1.25000+	7	3.54000-	1	57	3	91	4171
1.30000+	7	3.44000-	1	1.35000+	7	3.34000-	1	1.40000+	7	3.24000-	1	57	3	91	4172
1.45000+	7	3.14000-	1	1.50000+	7	3.04000-	1					57	3	91	4173
												57	3	0	4174
9.22350+	4	2.33025+	2		0	99	0		0		0	57	3102	4175	
1.00000+	3	6.54510+	2		0	0	0		1		2455	57	3102	4176	
	2455		2									57	3102	4177	
1.00000-	5	5.45500+	3	1.22756-	5	4.92286-	3	1.49675-	5	4.45768-	3	57	3102	4178	
1.81356-	5	4.74917+	3	2.18424-	5	3.68916-	3	2.18441-	5	3.68904+	3	57	3102	4179	
2.61714-	5	3.36988+	3	2.61737-	5	3.36975-	3	3.11933-	5	3.08638+	3	57	3102	4180	
3.11963-	5	3.08624+	3	3.69954-	5	2.83373+	3	3.69993-	5	2.83360+	3	57	3102	4181	
4.36707-	5	2.60790+	3	4.36756-	5	2.60779-	3	3.02663-	5	2.21952+	3	57	3102	4182	
6.02735-	5	2.21942+	3	8.18209-	5	1.90450+	3	3.18309-	5	1.90440+	3	57	3102	4183	
1.09487-	4	1.64608+	3	1.09500-	4	1.64600+	3	1.44552-	4	1.43233+	3	57	3102	4184	
1.44569-	4	1.43226+	3	1.90841-	4	1.24636+	3	1.90862-	4	1.24630+	3	57	3102	4185	
2.48886-	4	1.09120+	3	2.48911-	4	1.09115-	3	3.21017-	4	9.60659-	2	57	3102	4186	
3.21045-	4	9.60625+	2	4.09801-	4	8.50118-	2	3.09831-	4	8.50093-	2	57	3102	4187	
5.18710-	4	7.55507+	2	6.50757-	4	6.74417-	2	3.09793-	4	6.04442+	2	57	3102	4188	
1.00000-	3	5.43900+	2	1.25307-	3	4.85027-	2	1.25318-	3	4.85008-	2	57	3102	4189	
1.55762-	3	4.34295+	2	1.55785-	3	4.34267-	2	1.92188-	3	3.90336+	2	57	3102	4190	
1.92222-	3	3.90307+	2	2.35480-	3	3.52075-	2	2.35523-	3	3.52048+	2	57	3102	4191	
2.86786-	3	3.18541+	2	2.86832-	3	3.18518-	2	3.47122-	3	2.89105+	2	57	3102	4192	
3.47165-	3	2.89089+	2	4.17744-	3	2.63156+	2	3.00000-	3	2.40200-	2	57	3102	4193	
5.98917-	3	2.18461+	2	5.98990-	3	2.18448-	2	1.13821-	3	1.99212+	2	57	3102	4194	
7.13933-	3	1.99198+	2	8.00000-	3	1.88127+	2	8.46777-	3	1.82109+	2	57	3102	4195	
8.46874-	3	1.82100+	2	9.00000-	3	1.76815+	2	1.00000-	2	1.66868-	2	57	3102	4196	
1.10000-	2	1.58890+	2	1.20000-	2	1.50912+	2	1.22842-	2	1.48645+	2	57	3102	4197	
1.22869-	2	1.48629+	2	1.50000-	2	1.32858+	2	1.60000-	2	1.28827+	2	57	3102	4198	
1.90000-	2	1.16732+	2	2.00000-	2	1.12701+	2	2.30000-	2	1.04549+	2	57	3102	4199	
2.40000-	2	1.01832+	2	2.53000-	2	9.83000+	1	2.60000-	2	9.69046+	1	57	3102	4200	
2.80000-	2	9.29179+	1	2.90000-	2	9.09245+	1	3.00000-	2	8.89311+	1	57	3102	4201	
3.40000-	2	8.27831+	1	3.50000-	2	8.12491+	1	4.00000-	2	7.50882+	1	57	3102	4202	
4.20000-	2	7.30989+	1	4.30000-	2	7.21043+	1	4.50000-	2	7.01150+	1	57	3102	4203	
5.00000-	2	6.58760+	1	5.50000-	2	6.22537+	1	5.60000-	2	6.16272+	1	57	3102	4204	
5.70000-	2	6.10006+	1	6.00000-	2	5.91210+	1	6.50000-	2	5.63896+	1	57	3102	4205	
6.80000-	2	5.49329+	1	6.90000-	2	5.44473+	1	7.00000-	2	5.39617+	1	57	3102	4206	
7.50000-	2	5.17786+	1	8.00000-	2	5.01045+	1	8.40000-	2	4.86947+	1	57	3102	4207	
8.50000-	2	4.83423+	1	9.00000-	2	4.67564+	1	9.20000-	2	4.62121+	1	57	3102	4208	
9.30000-	2	4.59399+	1	9.50000-	2	4.53956+	1	9.90000-	2	4.45027+	1	57	3102	4209	
1.00000-	1	4.42795+	1	1.10000-	1	4.28991+	1	1.20000-	1	4.15188+	1	57	3102	4210	
1.30000-	1	4.01384+	1	1.40000-	1	3.87581+	1	1.50000-	1	3.86014+	1	57	3102	4211	
1.60000-	1	3.84448+	1	1.70000-	1	3.82881+	1	1.80000-	1	3.81315+	1	57	3102	4212	
2.03340-	1	4.01580+	1	2.23340-	1	4.25908+	1	2.43340-	1	4.49844+	1	57	3102	4213	
2.63340-	1	4.72165+	1	2.83340-	1	4.84304+	1	3.03340-	1	4.58949+	1	57	3102	4214	
3.23340-	1	3.94923+	1	3.43340-	1	3.21793+	1	3.63340-	1	2.64424+	1	57	3102	4215	
3.83340-	1	2.11392+	1	4.03340-	1	1.73858+	1	4.28120-	1	1.40592+	1	57	3102	4216	
4.64920-	1	1.13866+	1	5.04920-	1	9.58799+	0	5.44920-	1	8.24855+	0	57	3102	4217	
5.84920-	1	7.22639+	0	6.24920-	1	6.51271+	0	6.64920-	1	6.04289+	0	57	3102	4218	

7.04920-	1	5.74665+	0	7.44920-	1	5.59637+	0	7.84920-	1	5.57768+	0	57	3102	4219
8.24920-	1	5.70181+	0	8.44920-	1	6.00990+	0	7.04920-	1	6.49606+	0	57	3102	4220
9.44920-	1	7.27680+	0	9.84920-	1	8.81136+	0	1.00000+	0	9.73622+	0	57	3102	4221
1.00000+	0	9.18360+	0	1.02319+	0	1.11959+	1	1.05500+	0	1.59568+	1	57	3102	4222
1.07300+	0	1.86563+	1	1.08750+	0	2.08310+	1	1.09100+	0	2.13987+	1	57	3102	4223
1.10886+	0	2.47114+	1	1.12528+	0	2.68725+	1	1.14000+	0	2.77501+	1	57	3102	4224
1.15472+	0	2.74955+	1	1.17114+	0	2.60298+	1	1.18200+	0	2.44751+	1	57	3102	4225
1.19250+	0	2.29313+	1	1.20000+	0	2.19198+	1	1.21800+	0	1.92027+	1	57	3102	4226
1.23600+	0	1.64156+	1	1.25681+	0	1.29334+	1	1.30466+	0	8.58787+	0	57	3102	4227
1.32700+	0	7.47286+	0	1.36400+	0	6.08924+	0	1.36678+	0	5.98528+	0	57	3102	4228
1.45375+	0	4.54621+	0	1.45500+	0	4.53773+	0	1.54500+	0	3.92753+	0	57	3102	4229
1.58302+	0	3.66975+	0	1.63600+	0	3.63477+	0	1.72700+	0	3.57469+	0	57	3102	4230
1.78694+	0	3.53512+	0	1.79626+	0	3.58068+	0	1.79966+	0	3.59962+	0	57	3102	4231
1.81800+	0	3.85993+	0	1.87384+	0	4.65248+	0	1.90900+	0	6.99805+	0	57	3102	4232
1.92086+	0	7.78925+	0	1.95250+	0	1.44310+	0	1.97510+	0	2.32647+	1	57	3102	4233
1.99251+	0	3.18093+	1	2.00000+	0	3.50466+	1	2.01590+	0	4.19188+	1	57	3102	4234
2.02367+	0	4.39381+	1	2.02965+	0	4.48222+	1	2.03500+	0	4.50760+	1	57	3102	4235
2.04035+	0	4.48091+	1	2.04673+	0	4.39102+	1	2.05410+	0	4.18718+	1	57	3102	4236
2.07749+	0	3.17047+	1	2.09490+	0	2.31170+	1	2.11750+	0	1.42272+	1	57	3102	4237
2.14914+	0	7.50590+	0	2.18200+	0	5.22930+	0	2.19616+	0	4.24827+	0	57	3102	4238
2.21165+	0	3.82449+	0	2.27373+	0	2.96612+	0	2.36400+	0	2.65788+	0	57	3102	4239
2.45500+	0	2.34714+	0	2.46231+	0	2.32218+	0	2.54500+	0	2.29815+	0	57	3102	4240
2.58917+	0	2.28532+	0	2.63600+	0	2.34566+	0	2.67979+	0	3.54073+	0	57	3102	4241
2.69100+	0	3.86974+	0	2.74500+	0	4.91111+	0	2.74961+	0	4.85454+	0	57	3102	4242
2.80000+	0	4.43172+	0	2.81800+	0	4.20215+	0	2.84342+	0	3.65131+	0	57	3102	4243
2.85500+	0	3.43958+	0	2.87457+	0	3.64783+	0	2.89853+	0	3.93623+	0	57	3102	4244
2.92000+	0	4.22839+	0	2.92700+	0	4.34157+	0	2.94147+	0	4.57553+	0	57	3102	4245
2.94500+	0	4.64976+	0	2.96543+	0	5.07934+	0	2.99658+	0	6.03434+	0	57	3102	4246
3.01800+	0	7.28747+	0	3.05888+	0	9.67906+	0	3.07200+	0	1.07112+	1	57	3102	4247
3.09840+	0	1.27880+	1	3.11817+	0	1.40252+	1	3.13338+	0	1.46160+	1	57	3102	4248
3.14700+	0	1.48048+	1	3.16042+	0	1.46502+	1	3.17583+	0	1.40979+	1	57	3102	4249
3.18200+	0	1.37277+	1	3.19560+	0	1.29117+	1	3.21800+	0	1.12668+	1	57	3102	4250
3.25512+	0	8.54102+	0	3.27300+	0	7.71408+	0	3.29942+	0	6.49216+	0	57	3102	4251
3.35692+	0	5.77883+	0	3.36400+	0	6.01672+	0	3.43495+	0	8.40069+	0	57	3102	4252
3.45500+	0	1.10578+	1	3.48212+	0	1.46518+	1	3.44100+	0	1.70115+	1	57	3102	4253
3.51687+	0	2.33103+	1	3.54365+	0	3.23264+	1	3.54500+	0	3.27500+	1	57	3102	4254
3.57963+	0	4.31613+	1	3.58200+	0	4.35728+	1	3.59158+	0	4.60131+	1	57	3102	4255
3.60077+	0	4.75344+	1	3.60900+	0	4.82265+	1	3.61723+	0	4.82668+	1	57	3102	4256
3.62642+	0	4.75627+	1	3.63600+	0	4.59736+	1	3.63837+	0	4.55934+	1	57	3102	4257
3.67435+	0	3.52430+	1	3.69100+	0	3.00610+	1	3.70113+	0	2.60815+	1	57	3102	4258
3.72700+	0	1.83094+	1	3.73588+	0	1.57999+	1	3.78454+	0	8.53319+	0	57	3102	4259
3.81800+	0	6.58202+	0	3.85686+	0	4.47398+	0	3.90900+	0	3.38714+	0	57	3102	4260
3.97095+	0	2.57902+	0	4.00000+	0	2.48720+	0	4.09100+	0	2.19955+	0	57	3102	4261
4.16256+	0	1.97335+	0	4.18200+	0	1.96308+	0	4.22739+	0	1.93910+	0	57	3102	4262
4.29246+	0	1.96428+	0	4.36400+	0	2.19350+	0	4.48475+	0	2.58038+	0	57	3102	4263
4.54500+	0	3.50262+	0	4.59925+	0	5.01264+	0	4.63600+	0	8.55944+	0	57	3102	4264
4.67184+	0	1.25259+	1	4.72066+	0	3.05674+	1	4.72700+	0	3.54815+	1	57	3102	4265
4.75554+	0	5.55239+	1	4.78200+	0	8.14000+	1	4.78242+	0	8.18027+	1	57	3102	4266
4.80000+	0	9.76101+	1	4.81852+	0	1.15290+	2	4.83051+	0	1.22378+	2	57	3102	4267
4.83600+	0	1.24242+	2	4.83974+	0	1.24528+	2	4.84800+	0	1.23273+	2	57	3102	4268
4.85500+	0	1.20657+	2	4.85626+	0	1.20469+	2	4.86549+	0	1.16984+	2	57	3102	4269
4.87748+	0	1.09438+	2	4.89100+	0	9.60163+	1	4.90900+	0	8.32499+	1	57	3102	4270
4.91358+	0	7.91323+	1	4.94046+	0	5.31093+	1	4.94500+	0	4.99628+	1	57	3102	4271
4.97534+	0	2.76334+	1	4.98100+	0	2.57650+	1	5.02416+	0	1.10109+	1	57	3102	4272
5.09100+	0	5.47953+	0	5.09675+	0	4.95779+	0	5.13866+	0	3.74046+	0	57	3102	4273
5.14500+	0	3.62420+	0	5.18200+	0	3.23997+	0	5.18327+	0	3.22679+	0	57	3102	4274
5.26052+	0	3.08649+	0	5.27300+	0	3.19060+	0	5.30900+	0	3.49094+	0	57	3102	4275
5.31248+	0	3.51997+	0	5.34960+	0	4.17208+	0	5.37820+	0	4.80715+	0	57	3102	4276
5.41663+	0	5.56359+	0	5.42939+	0	5.72038+	0	5.43921+	0	5.79404+	0	57	3102	4277
5.44800+	0	5.82229+	0	5.45679+	0	5.81403+	0	5.46661+	0	5.76259+	0	57	3102	4278
5.46744+	0	5.75626+	0	5.53736+	0	4.55554+	0	5.54500+	0	4.43874+	0	57	3102	4279
5.60000+	0	3.59794+	0	5.65500+	0	3.35754+	0	5.66264+	0	3.32415+	0	57	3102	4280
5.72700+	0	3.45778+	0	5.73256+	0	3.66932+	0	5.81800+	0	4.05980+	0	57	3102	4281
5.82346+	0	4.09753+	0	5.90900+	0	6.67205+	0	6.00000+	0	9.41090+	0	57	3102	4282
6.04863+	0	1.08746+	1	6.09100+	0	1.54437+	1	6.12963+	0	2.04029+	1	57	3102	4283
6.16232+	0	2.83431+	1	6.16400+	0	2.90134+	1	6.18747+	0	3.85569+	1	57	3102	4284
6.21000+	0	5.29554+	1	6.21800+	0	6.07346+	1	6.23253+	0	7.32831+	1	57	3102	4285
6.25500+	0	1.03086+	2	6.25748+	0	1.06857+	2	6.29037+	0	1.71903+	2	57	3102	4286
6.29100+	0	1.73327+	2	6.33106+	0	2.64530+	2	6.34818+	0	2.95983+	2	57	3102	4287
6.36194+	0	3.13563+	2	6.37252+	0	3.21198+	2	6.38200+	0	3.23245+	2	57	3102	4288

6.39148*	0	3.20639*	2	6.40206*	0	3.12381*	2	6.41582*	0	2.93999*	2	57	3102	4289
6.41800*	0	2.89343*	2	6.45500*	0	2.10283*	2	6.45725*	0	2.05612*	2	57	3102	4290
6.48808*	0	1.37010*	2	6.49100*	0	1.32320*	2	6.52810*	0	7.10312*	1	57	3102	4291
6.54500*	0	5.84209*	1	6.58412*	0	2.74789*	1	6.63600*	0	1.64425*	1	57	3102	4292
6.66741*	0	1.07484*	1	6.72052*	0	8.45670*	0	6.72700*	0	8.38988*	0	57	3102	4293
6.77646*	0	7.87972*	0	6.81800*	0	9.68507*	0	6.86416*	0	1.16912*	1	57	3102	4294
6.92315*	0	2.34313*	1	6.96529*	0	4.08294*	1	6.98200*	0	4.99382*	1	57	3102	4295
6.99776*	0	5.85291*	1	7.04138*	0	8.01208*	1	7.05587*	0	8.44892*	1	57	3102	4296
7.06702*	0	8.63999*	1	7.07700*	0	8.69379*	1	7.08698*	0	8.63381*	1	57	3102	4297
7.09813*	0	8.43582*	1	7.11262*	0	7.98990*	1	7.15624*	0	5.80234*	1	57	3102	4298
7.18200*	0	4.37992*	1	7.18871*	0	4.00941*	1	7.23085*	0	2.23594*	1	57	3102	4299
7.28984*	0	1.00285*	1	7.29100*	0	9.95998*	0	7.37754*	0	4.83130*	0	57	3102	4300
7.51588*	0	3.14612*	0	7.74821*	0	2.73182*	0	7.81800*	0	2.83330*	0	57	3102	4301
7.84976*	0	3.22853*	0	7.97215*	0	4.98847*	0	8.00000*	0	5.58488*	0	57	3102	4302
8.18100*	0	8.04147*	0	8.25212*	0	9.23208*	0	8.36300*	0	1.44096*	1	57	3102	4303
8.41882*	0	1.43560*	1	8.45300*	0	1.80295*	1	8.52451*	0	2.86711*	1	57	3102	4304
8.59560*	0	5.93414*	1	8.64639*	0	1.00096*	2	8.68551*	0	1.40204*	2	57	3102	4305
8.73808*	0	1.88613*	2	8.75554*	0	1.98437*	2	8.76897*	0	2.02787*	2	57	3102	4306
8.78100*	0	2.04091*	2	8.79303*	0	2.02883*	2	8.80646*	0	1.98641*	2	57	3102	4307
8.82392*	0	1.88961*	2	8.87649*	0	1.41038*	2	8.91561*	0	1.01391*	2	57	3102	4308
8.92500*	0	9.40230*	1	8.96640*	0	6.34957*	1	9.01500*	0	4.65606*	1	57	3102	4309
9.03749*	0	3.76508*	1	9.03990*	0	3.71484*	1	9.04219*	0	3.66928*	1	57	3102	4310
9.05200*	0	3.59071*	1	9.10600*	0	3.15820*	1	9.10977*	0	3.12802*	1	57	3102	4311
9.15804*	0	3.47449*	1	9.17900*	0	3.75769*	1	9.19523*	0	3.91240*	1	57	3102	4312
9.23300*	0	4.23962*	1	9.24520*	0	4.33426*	1	9.26180*	0	4.36822*	1	57	3102	4313
9.27456*	0	4.34455*	1	9.28600*	0	4.28288*	1	9.29744*	0	4.18185*	1	57	3102	4314
9.30600*	0	4.07558*	1	9.31020*	0	4.03566*	1	9.32680*	0	3.81159*	1	57	3102	4315
9.36000*	0	3.15710*	1	9.37677*	0	2.86818*	1	9.41396*	0	2.14803*	1	57	3102	4316
9.42072*	0	2.02625*	1	9.43200*	0	1.83653*	1	9.43624*	0	1.77088*	1	57	3102	4317
9.45100*	0	1.63614*	1	9.50500*	0	1.15166*	1	9.52162*	0	1.00208*	1	57	3102	4318
9.54100*	0	9.86265*	0	9.63634*	0	7.20405*	0	9.67444*	0	6.93842*	0	57	3102	4319
9.70374*	0	6.77312*	0	9.70400*	0	6.77157*	0	9.73000*	0	6.61313*	0	57	3102	4320
9.75626*	0	6.42665*	0	9.75900*	0	6.40435*	0	9.78556*	0	6.18857*	0	57	3102	4321
9.82366*	0	5.86690*	0	9.93838*	0	5.87401*	0	9.99500*	0	7.83957*	0	57	3102	4322
1.00238*	1	9.29486*	0	1.00390*	1	1.04714*	1	1.00460*	1	1.10434*	1	57	3102	4323
1.00850*	1	1.44849*	1	1.00850*	1	1.44879*	1	1.01373*	1	1.58119*	1	57	3102	4324
1.01547*	1	1.57987*	1	1.01680*	1	1.55593*	1	1.01760*	1	1.52933*	1	57	3102	4325
1.01800*	1	1.53168*	1	1.01920*	1	1.52081*	1	1.02053*	1	1.48801*	1	57	3102	4326
1.02227*	1	1.41544*	1	1.02519*	1	1.23373*	1	1.02670*	1	1.16140*	1	57	3102	4327
1.03390*	1	9.59051*	0	1.04300*	1	5.93561*	0	1.04745*	1	3.83286*	0	57	3102	4328
1.06069*	1	3.37958*	0	1.06290*	1	3.40092*	0	1.07087*	1	3.67596*	0	57	3102	4329
1.07200*	1	3.72728*	0	1.08000*	1	3.96038*	0	1.08110*	1	4.00118*	0	57	3102	4330
1.08913*	1	4.22001*	0	1.09370*	1	4.40691*	0	1.09920*	1	4.67104*	0	57	3102	4331
1.09931*	1	4.67810*	0	1.11255*	1	6.02457*	0	1.12640*	1	5.35863*	1	57	3102	4332
1.14090*	1	1.04162*	2	1.14450*	1	1.16601*	2	1.14810*	1	1.28680*	2	57	3102	4333
1.15242*	1	1.41800*	2	1.15540*	1	1.96475*	2	1.15593*	1	2.06462*	2	57	3102	4334
1.15643*	1	2.16254*	2	1.16203*	1	3.16297*	2	1.16389*	1	3.37106*	2	57	3102	4335
1.16532*	1	3.46357*	2	1.16660*	1	3.49122*	2	1.16788*	1	3.46520*	2	57	3102	4336
1.16931*	1	3.37452*	2	1.17117*	1	3.16884*	2	1.17677*	1	2.17612*	2	57	3102	4337
1.18094*	1	1.39910*	2	1.18620*	1	7.08922*	1	1.18635*	1	6.89193*	1	57	3102	4338
1.18980*	1	5.08754*	1	1.19393*	1	2.88390*	1	1.20000*	1	2.42090*	1	57	3102	4339
1.20255*	1	2.25277*	1	1.20910*	1	3.36535*	1	1.21143*	1	3.70977*	1	57	3102	4340
1.21450*	1	5.68032*	1	1.21924*	1	8.69137*	1	1.22000*	1	9.77449*	1	57	3102	4341
1.22482*	1	1.65389*	2	1.22911*	1	2.48652*	2	1.23489*	1	3.52847*	2	57	3102	4342
1.23500*	1	3.54105*	2	1.23680*	1	3.74519*	2	1.23828*	1	3.84090*	2	57	3102	4343
1.23960*	1	3.86867*	2	1.24092*	1	3.84016*	2	1.24240*	1	3.74362*	2	57	3102	4344
1.24431*	1	3.52555*	2	1.24900*	1	2.66587*	2	1.24910*	1	2.64757*	2	57	3102	4345
1.25009*	1	2.46642*	2	1.25438*	1	1.62118*	2	1.25440*	1	1.61890*	2	57	3102	4346
1.25996*	1	8.22103*	1	1.26264*	1	5.82548*	1	1.26536*	1	4.16813*	1	57	3102	4347
1.27104*	1	2.40121*	1	1.27542*	1	1.87542*	1	1.28130*	1	1.58336*	1	57	3102	4348
1.28325*	1	1.52650*	1	1.28475*	1	1.48289*	1	1.28610*	1	1.44195*	1	57	3102	4349
1.28745*	1	1.39825*	1	1.28895*	1	1.34569*	1	1.29090*	1	1.27129*	1	57	3102	4350
1.29678*	1	1.02473*	1	1.30116*	1	8.55422*	1	1.30583*	1	7.23186*	0	57	3102	4351
1.31097*	1	6.47559*	0	1.31577*	1	6.29996*	0	1.32223*	1	6.40612*	0	57	3102	4352
1.32437*	1	6.42352*	0	1.32602*	1	6.40795*	0	1.32750*	1	6.37158*	0	57	3102	4353
1.32898*	1	6.31037*	0	1.33063*	1	6.21469*	0	1.33277*	1	6.04934*	0	57	3102	4354
1.33923*	1	5.43041*	0	1.34403*	1	5.09437*	0	1.34941*	1	5.10154*	0	57	3102	4355
1.35446*	1	5.55910*	0	1.35897*	1	6.25951*	0	1.36504*	1	7.28103*	0	57	3102	4356
1.36706*	1	7.55130*	0	1.36861*	1	7.71725*	0	1.37000*	1	7.83072*	0	57	3102	4357
1.37139*	1	7.90961*	0	1.37294*	1	7.95766*	0	1.37496*	1	7.96376*	0	57	3102	4358
1.37660*	1	7.92322*	0	1.38232*	1	7.61032*	0	1.38935*	1	7.22192*	0	57	3102	4359

1.39475+	1	7.03869+	0	1.30940+	1	6.88620+	n	1.40445+	1	6.66900+	0	57	3102	4360
1.40850+	1	6.41739+	n	1.40985+	1	6.33339+	n	1.41688+	1	5.94624+	0	57	3102	4361
1.42670+	1	1.03992+	1	1.43570+	1	1.44821+	1	1.43806+	1	1.55512+	1	57	3102	4362
1.44120+	1	2.02552+	1	1.44190+	1	2.13086+	1	1.44304+	1	2.31532+	1	57	3102	4363
1.44480+	1	2.57292+	1	1.44929+	1	3.24466+	1	1.45137+	1	3.43906+	1	57	3102	4364
1.45297+	1	3.52532+	1	1.45440+	1	3.55086+	1	1.45583+	1	3.52611+	1	57	3102	4365
1.45743+	1	3.44068+	1	1.45951+	1	3.24723+	1	1.46110+	1	3.00916+	1	57	3102	4366
1.46470+	1	2.51057+	1	1.46576+	1	2.35028+	1	1.47041+	1	1.60915+	1	57	3102	4367
1.47370+	1	1.23855+	1	1.47646+	1	9.24252+	n	1.48491+	1	5.11693+	0	57	3102	4368
1.49010+	1	4.71391+	0	1.49688+	1	3.95306+	n	1.50000+	1	4.30189+	0	57	3102	4369
1.50910+	1	5.65010+	0	1.50920+	1	5.65685+	n	1.51790+	1	1.06352+	1	57	3102	4370
1.51820+	1	1.10301+	1	1.52412+	1	1.92983+	1	1.52730+	1	2.53073+	1	57	3102	4371
1.52891+	1	2.83455+	1	1.53535+	1	3.95896+	1	1.53640+	1	4.07314+	1	57	3102	4372
1.53748+	1	4.19036+	1	1.53913+	1	4.29347+	1	1.54060+	1	4.32499+	1	57	3102	4373
1.54207+	1	4.39749+	1	1.54372+	1	4.19891+	1	1.54550+	1	4.01096+	1	57	3102	4374
1.54585+	1	3.97355+	1	1.55229+	1	2.86959+	1	1.55450+	1	2.46143+	1	57	3102	4375
1.55708+	1	2.04507+	1	1.56330+	1	1.36218+	1	1.56360+	1	1.35437+	1	57	3102	4376
1.57200+	1	1.07063+	1	1.57270+	1	1.08469+	1	1.57433+	1	1.09200+	1	57	3102	4377
1.57671+	1	1.16031+	1	1.58180+	1	1.74282+	1	1.58560+	1	2.11821+	1	57	3102	4378
1.59090+	1	3.58978+	1	1.59196+	1	3.87536+	1	1.59685+	1	5.82761+	1	57	3102	4379
1.60000+	1	7.02766+	1	1.60343+	1	8.41621+	1	1.60561+	1	8.97169+	1	57	3102	4380
1.60729+	1	9.21847+	1	1.60880+	1	9.29173+	1	1.60910+	1	9.27770+	1	57	3102	4381
1.61023+	1	9.22134+	1	1.61199+	1	8.97783+	1	1.61417+	1	8.42680+	1	57	3102	4382
1.61820+	1	6.80578+	1	1.62075+	1	5.82121+	1	1.62564+	1	3.85210+	1	57	3102	4383
1.62730+	1	3.40464+	1	1.63200+	1	2.11825+	1	1.63640+	1	1.59505+	1	57	3102	4384
1.63749+	1	1.45220+	1	1.64309+	1	1.29142+	1	1.64360+	1	1.30989+	1	57	3102	4385
1.64910+	1	1.47310+	1	1.64956+	1	1.47154+	1	1.65450+	1	1.60648+	1	57	3102	4386
1.65454+	1	1.60913+	1	1.66123+	1	2.02876+	1	1.66346+	1	2.11186+	1	57	3102	4387
1.66360+	1	2.11473+	1	1.66517+	1	2.14630+	1	1.66670+	1	2.15328+	1	57	3102	4388
1.66823+	1	2.13708+	1	1.66994+	1	2.09221+	1	1.67217+	1	1.99499+	1	57	3102	4389
1.67270+	1	1.95721+	1	1.67886+	1	1.52168+	1	1.68180+	1	1.28673+	1	57	3102	4390
1.68384+	1	1.12370+	1	1.69031+	1	7.10005+	n	1.69090+	1	6.89443+	0	57	3102	4391
1.69450+	1	5.63978+	0	1.69936+	1	3.94600+	0	1.70000+	1	3.87496+	0	57	3102	4392
1.70910+	1	3.21888+	0	1.71282+	1	2.94801+	0	1.71810+	1	3.06814+	0	57	3102	4393
1.72730+	1	2.91978+	0	1.73405+	1	2.81090+	0	1.73457+	1	2.81380+	0	57	3102	4394
1.73511+	1	2.81728+	0	1.73640+	1	2.85685+	0	1.74550+	1	3.13490+	0	57	3102	4395
1.75450+	1	3.40991+	0	1.75720+	1	3.59918+	0	1.76360+	1	4.72454+	0	57	3102	4396
1.77121+	1	5.76098+	0	1.77270+	1	6.32647+	0	1.78063+	1	9.14487+	0	57	3102	4397
1.78180+	1	9.88606+	0	1.78736+	1	1.30601+	1	1.79090+	1	1.54823+	1	57	3102	4398
1.79254+	1	1.67877+	1	1.79951+	1	2.05805+	1	1.80183+	1	2.25506+	1	57	3102	4399
1.80361+	1	2.29934+	1	1.80520+	1	2.31471+	1	1.80679+	1	2.30662+	1	57	3102	4400
1.80857+	1	2.27049+	1	1.80910+	1	2.25076+	1	1.81089+	1	2.18413+	1	57	3102	4401
1.81786+	1	1.73804+	1	1.81820+	1	1.71276+	1	1.82304+	1	1.35292+	1	57	3102	4402
1.82730+	1	1.09779+	1	1.82977+	1	9.49857+	0	1.83640+	1	7.45195+	0	57	3102	4403
1.83919+	1	6.80731+	0	1.84550+	1	6.97605+	0	1.85004+	1	6.92488+	0	57	3102	4404
1.85450+	1	7.68710+	0	1.86116+	1	8.82345+	0	1.86360+	1	9.88023+	0	57	3102	4405
1.87082+	1	1.18744+	1	1.87270+	1	1.30907+	1	1.87772+	1	1.67237+	1	57	3102	4406
1.88180+	1	2.12148+	1	1.88303+	1	2.26160+	1	1.89017+	1	3.37579+	1	57	3102	4407
1.89090+	1	3.52508+	1	1.89254+	1	3.86048+	1	1.89437+	1	4.29513+	1	57	3102	4408
1.89600+	1	4.74468+	1	1.89763+	1	5.26589+	1	1.89946+	1	5.95241+	1	57	3102	4409
1.90000+	1	6.20244+	1	1.90183+	1	7.04978+	1	1.90897+	1	1.22141+	2	57	3102	4410
1.91278+	1	1.62079+	2	1.91662+	1	2.08083+	2	1.92382+	1	2.86207+	2	57	3102	4411
1.92621+	1	3.02100+	2	1.92805+	1	3.09010+	2	1.92970+	1	3.10874+	2	57	3102	4412
1.93135+	1	3.08534+	2	1.93319+	1	3.01075+	2	1.93558+	1	2.84406+	2	57	3102	4413
1.93810+	1	2.55985+	2	1.94278+	1	2.03204+	2	1.94360+	1	1.93126+	2	57	3102	4414
1.94550+	1	1.69773+	2	1.94815+	1	1.37203+	2	1.94910+	1	1.28385+	2	57	3102	4415
1.95090+	1	1.11678+	2	1.95270+	1	9.59963+	1	1.95450+	1	7.97440+	1	57	3102	4416
1.95510+	1	7.41123+	1	1.96180+	1	4.26790+	1	1.96411+	1	3.18720+	1	57	3102	4417
1.96720+	1	2.74139+	1	1.97270+	1	1.95029+	1	1.97690+	1	1.36104+	1	57	3102	4418
1.98180+	1	1.16830+	1	1.98679+	1	9.72259+	0	1.99090+	1	9.18945+	0	57	3102	4419
1.99441+	1	8.61571+	0	2.00000+	1	8.65805+	0	2.00464+	1	8.64727+	0	57	3102	4420
2.00804+	1	8.92662+	0	2.00910+	1	9.02605+	0	2.01066+	1	9.24087+	0	57	3102	4421
2.01300+	1	9.54158+	0	2.01534+	1	9.80068+	0	2.01707+	1	9.95555+	0	57	3102	4422
2.01831+	1	1.00465+	1	2.02000+	1	1.01437+	1	2.02169+	1	1.02165+	1	57	3102	4423
2.02357+	1	1.02820+	1	2.02602+	1	1.03777+	1	2.02730+	1	1.05557+	1	57	3102	4424
2.03339+	1	1.14003+	1	2.03640+	1	1.27011+	1	2.03887+	1	1.31873+	1	57	3102	4425
2.04040+	1	1.38157+	1	2.04194+	1	1.45954+	1	2.04550+	1	1.70181+	1	57	3102	4426
2.04748+	1	1.78851+	1	2.05450+	1	2.13597+	1	2.05492+	1	2.17698+	1	57	3102	4427
2.05739+	1	2.36279+	1	2.05820+	1	2.41047+	1	2.05930+	1	2.54783+	1	57	3102	4428
2.06100+	1	2.73825+	1	2.06270+	1	2.90896+	1	2.06360+	1	2.99051+	1	57	3102	4429
2.06461+	1	3.09326+	1	2.06708+	1	3.33543+	1	2.06730+	1	3.36606+	1	57	3102	4430

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2.82202+ 1 1.00383+ 1 2.82797+ 1 9.42727+ 0 2.82870+ 1 9.36183+ 0 57 3102 4495  
2.83087+ 1 9.16677+ 0 2.83310+ 1 8.95505+ 0 2.83510+ 1 8.74825+ 0 57 3102 4496  
2.83710+ 1 8.52121+ 0 2.83933+ 1 8.23384+ 0 2.84223+ 1 7.83997+ 0 57 3102 4497  
2.84250+ 1 7.80026+ 0 2.85096+ 1 6.05752+ 0 2.85170+ 1 5.91283+ 0 57 3102 4498  
2.85299+ 1 5.76816+ 0 2.85504+ 1 5.55870+ 0 2.86383+ 1 4.88916+ 0 57 3102 4499  
2.86674+ 1 4.72085+ 0 2.86899+ 1 4.59399+ 0 2.87100+ 1 4.47577+ 0 57 3102 4500  
2.87301+ 1 4.35117+ 0 2.87470+ 1 4.23800+ 0 2.87526+ 1 4.20949+ 0 57 3102 4501

2.87817+	1	4.04086+	0	2.88696+	1	3.46298+	0	4.89350+	1	3.09220+	0	57	3102	4502
2.89770+	1	2.98239+	0	2.90199+	1	2.69881+	0	2.91387+	1	2.48813+	0	57	3102	4503
2.91733+	1	2.57383+	0	2.92070+	1	2.75255+	0	2.92084+	1	2.75452+	0	57	3102	4504
2.93291+	1	4.30582+	0	2.94154+	1	7.61037+	0	2.94370+	1	8.84875+	0	57	3102	4505
2.94818+	1	1.15911+	1	2.95711+	1	1.68614+	1	2.96008+	1	1.79677+	1	57	3102	4506
2.96236+	1	1.84624+	1	2.96440+	1	1.86135+	1	2.96644+	1	1.84805+	1	57	3102	4507
2.96670+	1	1.84272+	1	2.96872+	1	1.80942+	1	2.97169+	1	1.71438+	1	57	3102	4508
2.98062+	1	1.23488+	1	2.98726+	1	8.64840+	0	2.98970+	1	7.76089+	0	57	3102	4509
2.99589+	1	5.23902+	0	3.00000+	1	4.65315+	0	3.00796+	1	3.61280+	0	57	3102	4510
3.01133+	1	3.60522+	0	3.01475+	1	3.72984+	0	3.02290+	1	4.74706+	0	57	3102	4511
3.02701+	1	4.98278+	0	3.03578+	1	6.83645+	0	3.04253+	1	9.39629+	0	57	3102	4512
3.04570+	1	1.14272+	1	3.05160+	1	1.55274+	1	3.05461+	1	1.84810+	1	57	3102	4513
3.05692+	1	2.11192+	1	3.05900+	1	2.37723+	1	3.06108+	1	2.67012+	1	57	3102	4514
3.06339+	1	3.02785+	1	3.06640+	1	3.53322+	1	3.06860+	1	3.91959+	1	57	3102	4515
3.07247+	1	4.60073+	1	3.07770+	1	5.36651+	1	3.08556+	1	5.49286+	1	57	3102	4516
3.08159+	1	5.76319+	1	3.08392+	1	5.86315+	1	3.08600+	1	5.86465+	1	57	3102	4517
3.08808+	1	5.78087+	1	3.09041+	1	5.58989+	1	3.09140+	1	5.46388+	1	57	3102	4518
3.09344+	1	5.24042+	1	3.09600+	1	4.80237+	1	3.10255+	1	3.59910+	1	57	3102	4519
3.10933+	1	2.34789+	1	3.10970+	1	2.30193+	1	3.11430+	1	1.70278+	1	57	3102	4520
3.11813+	1	1.20594+	1	3.13045+	1	5.79367+	0	3.13710+	1	5.42177+	0	57	3102	4521
3.14592+	1	5.27614+	0	3.16000+	1	8.94822+	0	3.16169+	1	9.20914+	0	57	3102	4522
3.16910+	1	1.58139+	1	3.17425+	1	2.02242+	1	3.18290+	1	3.78540+	1	57	3102	4523
3.18322+	1	3.84827+	1	3.18740+	1	5.00524+	1	3.19013+	1	5.86830+	1	57	3102	4524
3.19660+	1	7.78432+	1	3.19942+	1	8.56405+	1	3.20250+	1	9.09327+	1	57	3102	4525
3.20487+	1	9.32754+	1	3.20570+	1	9.35438+	1	3.20700+	1	9.39665+	1	57	3102	4526
3.20913+	1	9.32912+	1	3.21150+	1	9.09662+	1	3.21458+	1	8.56969+	1	57	3102	4527
3.21940+	1	7.24025+	1	3.22387+	1	6.00743+	1	3.22860+	1	4.60863+	1	57	3102	4528
3.23078+	1	3.97301+	1	3.23975+	1	2.08004+	1	3.25140+	1	9.97829+	0	57	3102	4529
3.25231+	1	9.09934+	0	3.27098+	1	5.19079+	0	3.27430+	1	5.09433+	0	57	3102	4530
3.27870+	1	5.23480+	0	3.28659+	1	5.91345+	0	3.29710+	1	8.98952+	0	57	3102	4531
3.30568+	1	1.04717+	1	3.31852+	1	2.66613+	1	3.32000+	1	3.14501+	1	57	3102	4532
3.32769+	1	5.64544+	1	3.33475+	1	9.00954+	1	3.34425+	1	1.33963+	2	57	3102	4533
3.34740+	1	1.43170+	2	3.34983+	1	1.47265+	2	3.35200+	1	1.48481+	2	57	3102	4534
3.35417+	1	1.47387+	2	3.35660+	1	1.43431+	2	3.35975+	1	1.34414+	2	57	3102	4535
3.36110+	1	1.28282+	2	3.36925+	1	9.12602+	1	3.37490+	1	6.51092+	1	57	3102	4536
3.37631+	1	5.85828+	1	3.38548+	1	3.12860+	1	3.38860+	1	2.86357+	1	57	3102	4537
3.39423+	1	2.38455+	1	3.40310+	1	3.30790+	1	3.41140+	1	5.78144+	1	57	3102	4538
3.41238+	1	6.07408+	1	3.41954+	1	9.20874+	1	3.42915+	1	1.32687+	2	57	3102	4539
3.43234+	1	1.41414+	2	3.43430+	1	1.44697+	2	3.43480+	1	1.44937+	2	57	3102	4540
3.43700+	1	1.43885+	2	3.43920+	1	1.40804+	2	3.44166+	1	1.35064+	2	57	3102	4541
3.44340+	1	1.29239+	2	3.44485+	1	1.26137+	2	3.44800+	1	1.15430+	2	57	3102	4542
3.45260+	1	1.01622+	2	3.45446+	1	9.64237+	1	3.45710+	1	8.95932+	1	57	3102	4543
3.46092+	1	7.81475+	1	3.46170+	1	7.68215+	1	3.46630+	1	6.99338+	1	57	3102	4544
3.46742+	1	6.82654+	1	3.47090+	1	6.91577+	1	3.47540+	1	7.03497+	1	57	3102	4545
3.47710+	1	7.04485+	1	3.48031+	1	7.39956+	1	3.48278+	1	7.75358+	1	57	3102	4546
3.48460+	1	8.05622+	1	3.48500+	1	8.13116+	1	3.48722+	1	8.59172+	1	57	3102	4547
3.48910+	1	9.02335+	1	3.48969+	1	9.13433+	1	3.49290+	1	9.81628+	1	57	3102	4548
3.50181+	1	1.20409+	2	3.50290+	1	1.22836+	2	3.51076+	1	1.39065+	2	57	3102	4549
3.51399+	1	1.42270+	2	3.51647+	1	1.42764+	2	3.51870+	1	1.41575+	2	57	3102	4550
3.52093+	1	1.38782+	2	3.52150+	1	1.37798+	2	3.52325+	1	1.34182+	2	57	3102	4551
3.52570+	1	1.26336+	2	3.53000+	1	1.13245+	2	3.53675+	1	8.57505+	1	57	3102	4552
3.54428+	1	5.60947+	1	3.54860+	1	4.40198+	1	3.55407+	1	2.89439+	1	57	3102	4553
3.56409+	1	1.49271+	1	3.57140+	1	1.19036+	1	3.58639+	1	5.70683+	0	57	3102	4554
3.59430+	1	4.88793+	0	3.60820+	1	3.44964+	0	3.62497+	1	2.60694+	0	57	3102	4555
3.64000+	1	2.13717+	0	3.65503+	1	1.81894+	0	3.66290+	1	1.70471+	0	57	3102	4556
3.67180+	1	1.57550+	0	3.68570+	1	1.44803+	0	3.69361+	1	1.37546+	0	57	3102	4557
3.69500+	1	1.36622+	0	3.69639+	1	1.35734+	0	3.70860+	1	1.30435+	0	57	3102	4558
3.71820+	1	1.26271+	0	3.73140+	1	1.24846+	0	3.73497+	1	1.24460+	0	57	3102	4559
3.75000+	1	1.27704+	0	3.75430+	1	1.30938+	0	3.76503+	1	1.39009+	0	57	3102	4560
3.77710+	1	1.63775+	0	3.78180+	1	1.72401+	0	3.80000+	1	2.69821+	0	57	3102	4561
3.80361+	1	2.89958+	0	3.81666+	1	3.93254+	0	3.81927+	1	4.10851+	0	57	3102	4562
3.82290+	1	4.30562+	0	3.82363+	1	4.34698+	0	3.82699+	1	4.47595+	0	57	3102	4563
3.83000+	1	4.54097+	0	3.83301+	1	4.55695+	0	3.83637+	1	4.51948+	0	57	3102	4564
3.84073+	1	4.39577+	0	3.84570+	1	4.16526+	0	3.85388+	1	3.89627+	0	57	3102	4565
3.86366+	1	3.72433+	0	3.86860+	1	3.94194+	0	3.87637+	1	4.78215+	0	57	3102	4566
3.89140+	1	9.52576+	0	3.89225+	1	9.71089+	0	3.90469+	1	2.05989+	1	57	3102	4567
3.91430+	1	3.91031+	1	3.91464+	1	3.97724+	1	3.92230+	1	6.08421+	1	57	3102	4568
3.92340+	1	6.37030+	1	3.92800+	1	7.62789+	1	3.93260+	1	8.67346+	1	57	3102	4569
3.93601+	1	9.12339+	1	3.93710+	1	9.19313+	1	3.93864+	1	9.33864+	1	57	3102	4570
3.94100+	1	9.41614+	1	3.94336+	1	9.35348+	1	3.94599+	1	9.12278+	1	57	3102	4571



3.94940	1	8.59421	1	3.95090	1	8.22290	1	3.95970	1	6.03813	1	57	3102	4572
3.96000	1	5.95811	1	3.96542	1	4.51507	1	3.96910	1	3.69682	1	57	3102	4573
3.97118	1	3.23269	1	3.98154	1	1.77709	1	3.98290	1	1.66702	1	57	3102	4574
3.98498	1	1.49799	1	3.98743	1	1.33124	1	3.99000	1	1.20920	1	57	3102	4575
3.99237	1	1.10715	1	3.99502	1	1.01119	1	3.99660	1	9.63205	0	57	3102	4576
3.99846	1	9.10604	0	4.00882	0	7.04083	0	4.01652	1	6.18114	0	57	3102	4577
4.01940	1	6.76922	0	4.02167	1	5.90385	0	4.02687	1	5.80645	0	57	3102	4578
4.03464	1	6.07124	0	4.04508	1	6.66109	0	4.04854	1	6.77183	0	57	3102	4579
4.05121	1	6.79785	0	4.05140	1	6.79572	0	4.05360	1	6.80191	0	57	3102	4580
4.05599	1	6.75892	0	4.05846	1	6.65304	0	4.06212	1	6.43052	0	57	3102	4581
4.06970	1	5.68625	0	4.07256	1	5.40486	0	4.07430	1	5.23127	0	57	3102	4582
4.07890	1	4.77119	0	4.08033	1	4.62770	0	4.08247	1	4.45467	0	57	3102	4583
4.08634	1	4.20445	0	4.09710	1	4.13137	0	4.10049	1	4.10837	0	57	3102	4584
4.11949	1	5.80681	0	4.12000	1	5.89110	0	4.12580	1	6.72963	0	57	3102	4585
4.13065	1	7.72581	0	4.13500	1	8.98836	0	4.13935	1	1.08162	1	57	3102	4586
4.14290	1	1.30666	1	4.14420	1	1.37009	1	4.15042	1	1.91380	1	57	3102	4587
4.15388	1	2.37213	1	4.15658	1	2.81838	1	4.15660	1	2.82231	1	57	3102	4588
4.15900	1	3.38594	1	4.16142	1	4.01544	1	4.16412	1	4.78120	1	57	3102	4589
4.16570	1	5.28068	1	4.16743	1	5.80609	1	4.17313	1	7.38500	1	57	3102	4590
4.17864	1	8.74815	1	4.17940	1	8.88145	1	4.18216	1	9.35461	1	57	3102	4591
4.18487	1	9.63487	1	4.18730	1	9.73428	1	4.18973	1	9.68637	1	57	3102	4592
4.19244	1	9.64456	1	4.19596	1	8.94034	1	4.19770	1	8.53258	1	57	3102	4593
4.20511	1	6.79243	1	4.21140	1	5.25019	1	4.21430	1	4.52306	1	57	3102	4594
4.21784	1	3.80864	1	4.22056	1	3.35499	1	4.22300	1	2.99304	1	57	3102	4595
4.22544	1	2.69849	1	4.22816	1	2.43290	1	4.22970	1	2.32198	1	57	3102	4596
4.23170	1	2.16702	1	4.23890	1	1.95126	1	4.24236	1	1.89474	1	57	3102	4597
4.24594	1	1.97111	1	4.24954	1	2.09477	1	4.25710	1	2.41030	1	57	3102	4598
4.26025	1	2.56746	1	4.26381	1	2.69470	1	4.26655	1	2.75492	1	57	3102	4599
4.26900	1	2.77517	1	4.27090	1	2.76494	1	4.27145	1	2.76810	1	57	3102	4600
4.27419	1	2.74527	1	4.27775	1	2.66218	1	4.28000	1	2.57351	1	57	3102	4601
4.28846	1	2.03770	1	4.28910	1	2.00869	1	4.29644	1	1.50579	1	57	3102	4602
4.30290	1	1.37749	1	4.30425	1	1.38323	1	4.31214	1	1.89579	1	57	3102	4603
4.32018	1	2.82323	1	4.32110	1	2.93485	1	4.33030	1	4.03916	1	57	3102	4604
4.33098	1	4.11474	1	4.33457	1	4.36088	1	4.33733	1	4.46124	1	57	3102	4605
4.33980	1	4.47782	1	4.34227	1	4.42315	1	4.34503	1	4.28078	1	57	3102	4606
4.34860	1	3.98296	1	4.34862	1	3.98173	1	4.35942	1	2.85592	1	57	3102	4607
4.36483	1	2.27866	1	4.36690	1	2.10329	1	4.37026	1	1.83949	1	57	3102	4608
4.38060	1	1.44263	1	4.38113	1	1.41379	1	4.38474	1	1.31333	1	57	3102	4609
4.38751	1	1.25429	1	4.39000	1	1.20866	1	4.39249	1	1.16687	1	57	3102	4610
4.39350	1	1.15038	1	4.39451	1	1.13400	1	4.39700	1	1.09373	1	57	3102	4611
4.39949	1	1.05301	1	4.40227	1	1.00730	1	4.40340	1	9.89246	0	57	3102	4612
4.40588	1	9.49622	0	4.41675	1	8.37742	0	4.41710	1	8.39683	0	57	3102	4613
4.42484	1	8.21245	0	4.42839	1	8.56944	0	4.43196	1	9.19063	0	57	3102	4614
4.44000	1	1.13010	1	4.44011	1	1.13464	1	4.45106	1	1.60234	1	57	3102	4615
4.45470	1	1.71343	1	4.45749	1	1.77387	1	4.46000	1	1.80742	1	57	3102	4616
4.46251	1	1.82077	1	4.46290	1	1.81956	1	4.46530	1	1.79307	1	57	3102	4617
4.46894	1	1.71872	1	4.47134	1	1.65155	1	4.47635	1	1.47729	1	57	3102	4618
4.48394	1	1.17389	1	4.48570	1	1.10656	1	4.48977	1	9.50871	0	57	3102	4619
4.49500	1	7.79000	0	4.50023	1	6.39496	0	4.50606	1	5.20577	0	57	3102	4620
4.50860	1	4.84516	0	4.51365	1	4.12819	0	4.51400	1	3.21182	0	57	3102	4621
4.53649	1	2.94904	0	4.55154	1	3.66484	0	4.55430	1	3.93414	0	57	3102	4622
4.55884	1	4.37712	0	4.55994	1	5.43604	0	4.57363	1	5.65736	0	57	3102	4623
4.57646	1	5.75434	0	4.57710	1	5.76108	0	4.57900	1	5.78107	0	57	3102	4624
4.58154	1	5.74930	0	4.58437	1	5.64670	0	4.58806	1	5.41803	0	57	3102	4625
4.59916	1	4.33855	0	4.60000	1	4.25758	0	4.60741	1	3.83714	0	57	3102	4626
4.61810	1	3.77461	0	4.61813	1	3.77268	0	4.62873	1	4.10831	0	57	3102	4627
4.63630	1	5.30853	0	4.63944	1	5.97985	0	4.65028	1	1.03150	1	57	3102	4628
4.65440	1	1.27514	1	4.65863	1	1.47642	1	4.66984	1	2.15738	1	57	3102	4629
4.67260	1	2.32619	1	4.67357	1	2.39227	1	4.67643	1	2.57622	1	57	3102	4630
4.67900	1	2.72723	1	4.68157	1	2.86104	1	4.68443	1	2.98548	1	57	3102	4631
4.68816	1	3.10069	1	4.69004	1	3.13648	1	4.69192	1	3.15628	1	57	3102	4632
4.69565	1	3.14633	1	4.69853	1	3.09408	1	4.70110	1	3.01556	1	57	3102	4633
4.70367	1	2.90928	1	4.70655	1	2.76174	1	4.71028	1	2.53320	1	57	3102	4634
4.72152	1	1.73865	1	4.72700	1	1.39733	1	4.72989	1	1.21718	1	57	3102	4635
4.74075	1	8.16325	0	4.74510	1	7.91529	0	4.74881	1	7.88717	0	57	3102	4636
4.75695	1	1.03139	1	4.76330	1	1.47841	1	4.76792	1	1.77609	1	57	3102	4637
4.77410	1	2.39004	1	4.77637	1	2.61612	1	4.78773	1	3.75226	1	57	3102	4638
4.78870	1	3.81965	1	4.79150	1	3.98776	1	4.79440	1	4.09565	1	57	3102	4639
4.79590	1	4.11979	1	4.79700	1	4.11233	1	4.79960	1	4.04159	1	57	3102	4640
4.80250	1	3.90044	1	4.80627	1	3.62814	1	4.80680	1	3.57490	1	57	3102	4641
4.81347	1	3.12002	1	4.81770	1	2.76183	1	4.82070	1	2.60618	1	57	3102	4642

4.82448+	1	2.41934+	1	4.82739+	1	2.29580+	1	4.82860+	1	2.25391+	1	57	3102	4643
4.83000+	1	2.15951+	1	4.83261+	1	2.00595+	1	4.83552+	1	1.86353+	1	57	3102	4644
4.83930+	1	1.72722+	1	4.83950+	1	1.72612+	1	4.85070+	1	2.10404+	1	57	3102	4645
4.85400+	1	2.31108+	1	4.85494+	1	2.34414+	1	4.85919+	1	2.54398+	1	57	3102	4646
4.86120+	1	2.65106+	1	4.86850+	1	2.86714+	1	4.87065+	1	2.83735+	1	57	3102	4647
4.87445+	1	2.74220+	1	4.87738+	1	2.63684+	1	4.88000+	1	2.51743+	1	57	3102	4648
4.88262+	1	2.37337+	1	4.88555+	1	2.18660+	1	4.88660+	1	2.11128+	1	57	3102	4649
4.88935+	1	2.04320+	1	4.88999+	1	2.02553+	1	4.89063+	1	2.00760+	1	57	3102	4650
4.89340+	1	1.93197+	1	4.89444+	1	1.92973+	1	4.89737+	1	1.94054+	1	57	3102	4651
4.90000+	1	1.97592+	1	4.90110+	1	2.00515+	1	4.90263+	1	2.04018+	1	57	3102	4652
4.90556+	1	2.15830+	1	4.90937+	1	2.40470+	1	4.91200+	1	2.71724+	1	57	3102	4653
4.91930+	1	3.48945+	1	4.92085+	1	3.66877+	1	4.92086+	1	3.66950+	1	57	3102	4654
4.92086+	1	3.67024+	1	4.93239+	1	5.28879+	1	4.93380+	1	5.42329+	1	57	3102	4655
4.93622+	1	5.67726+	1	4.93916+	1	5.87728+	1	4.94180+	1	5.96467+	1	57	3102	4656
4.94444+	1	5.96192+	1	4.94738+	1	5.85512+	1	4.95121+	1	5.56981+	1	57	3102	4657
4.95560+	1	5.02297+	1	4.96274+	1	3.94630+	1	4.96640+	1	3.41786+	1	57	3102	4658
4.97132+	1	2.71442+	1	4.97618+	1	2.21978+	1	4.97730+	1	2.14736+	1	57	3102	4659
4.98108+	1	1.90212+	1	4.98971+	1	1.74653+	1	4.99550+	1	1.90480+	1	57	3102	4660
5.00132+	1	2.06148+	1	5.00518+	1	2.22491+	1	5.00814+	1	2.35733+	1	57	3102	4661
5.01080+	1	2.47825+	1	5.01346+	1	2.60013+	1	5.01642+	1	2.73660+	1	57	3102	4662
5.01720+	1	2.77238+	1	5.02028+	1	2.93214+	1	5.02867+	1	3.35129+	1	57	3102	4663
5.03709+	1	3.67224+	1	5.04096+	1	3.74489+	1	5.04393+	1	3.75589+	1	57	3102	4664
5.04660+	1	3.72892+	1	5.04927+	1	3.66892+	1	5.05224+	1	3.55956+	1	57	3102	4665
5.05611+	1	3.36256+	1	5.06082+	1	3.06570+	1	5.06651+	1	2.68643+	1	57	3102	4666
5.07118+	1	2.41772+	1	5.07478+	1	2.26897+	1	5.07800+	1	2.19417+	1	57	3102	4667
5.08122+	1	2.18448+	1	5.08442+	1	2.25732+	1	5.08949+	1	2.48918+	1	57	3102	4668
5.10357+	1	3.98602+	1	5.10461+	1	4.12617+	1	5.10547+	1	4.24400+	1	57	3102	4669
5.11721+	1	5.71816+	1	5.12111+	1	6.05103+	1	5.12411+	1	6.22322+	1	57	3102	4670
5.12680+	1	6.30781+	1	5.12949+	1	6.32468+	1	5.13249+	1	6.26698+	1	57	3102	4671
5.13639+	1	6.07999+	1	5.14487+	1	5.34572+	1	5.15338+	1	4.39747+	1	57	3102	4672
5.15729+	1	3.95955+	1	5.16030+	1	3.63607+	1	5.16300+	1	3.35991+	1	57	3102	4673
5.16570+	1	3.09868+	1	5.16871+	1	2.82626+	1	5.17262+	1	2.50407+	1	57	3102	4674
5.18050+	1	2.01149+	1	5.18440+	1	1.76372+	1	5.18852+	1	1.58793+	1	57	3102	4675
5.19395+	1	1.42172+	1	5.20945+	1	1.24096+	1	5.21459+	1	1.22343+	1	57	3102	4676
5.21855+	1	1.20590+	1	5.22210+	1	1.18248+	1	5.22565+	1	1.14937+	1	57	3102	4677
5.22961+	1	1.09984+	1	5.23475+	1	1.01659+	1	5.25025+	1	6.94315+	0	57	3102	4678
5.25310+	1	6.39471+	0	5.26179+	1	5.48732+	0	5.27120+	1	5.14314+	0	57	3102	4679
5.27676+	1	4.50345+	0	5.29072+	1	4.02680+	0	5.30152+	1	4.49050+	0	57	3102	4680
5.31310+	1	5.95216+	0	5.32203+	1	7.64096+	0	5.32560+	1	8.29121+	0	57	3102	4681
5.33401+	1	9.82177+	0	5.33799+	1	1.02810+	1	5.34106+	1	1.04906+	1	57	3102	4682
5.34380+	1	1.05615+	1	5.34654+	1	1.04122+	1	5.34961+	1	1.01172+	1	57	3102	4683
5.35359+	1	9.55430+	0	5.36190+	1	7.89959+	0	5.36557+	1	7.16824+	0	57	3102	4684
5.37450+	1	5.50212+	0	5.37839+	1	4.96693+	0	5.38000+	1	4.80514+	0	57	3102	4685
5.38231+	1	4.70452+	0	5.39128+	1	4.82270+	0	5.40000+	1	5.38954+	0	57	3102	4686
5.40335+	1	5.61543+	0	5.40736+	1	5.88612+	0	5.41044+	1	6.06055+	0	57	3102	4687
5.41320+	1	6.18488+	0	5.41596+	1	6.27692+	0	5.41810+	1	6.32303+	0	57	3102	4688
5.41904+	1	6.32460+	0	5.42305+	1	6.31581+	0	5.43512+	1	6.33901+	0	57	3102	4689
5.43630+	1	6.64561+	0	5.44409+	1	7.23789+	0	5.45440+	1	1.10897+	1	57	3102	4690
5.45575+	1	1.15942+	1	5.45960+	1	1.43716+	1	5.46349+	1	1.80881+	1	57	3102	4691
5.47260+	1	3.18450+	1	5.47524+	1	3.58308+	1	5.48430+	1	5.51440+	1	57	3102	4692
5.49070+	1	6.81276+	1	5.49647+	1	7.98183+	1	5.50051+	1	8.50034+	1	57	3102	4693
5.50362+	1	8.73654+	1	5.50640+	1	8.81456+	1	5.50880+	1	8.77053+	1	57	3102	4694
5.50918+	1	8.76347+	1	5.51229+	1	8.55852+	1	5.51633+	1	8.08247+	1	57	3102	4695
5.52700+	1	6.06518+	1	5.52850+	1	5.78088+	1	5.53756+	1	4.03922+	1	57	3102	4696
5.54506+	1	3.01063+	1	5.54510+	1	3.00796+	1	5.55262+	1	2.44545+	1	57	3102	4697
5.56174+	1	2.28430+	1	5.56330+	1	2.31960+	1	5.57400+	1	2.51997+	1	57	3102	4698
5.57807+	1	2.63641+	1	5.58120+	1	2.72588+	1	5.58140+	1	2.73158+	1	57	3102	4699
5.58400+	1	2.81422+	1	5.58680+	1	2.90170+	1	5.58993+	1	2.99979+	1	57	3102	4700
5.59400+	1	3.13492+	1	5.59549+	1	3.19059+	1	5.59698+	1	3.25079+	1	57	3102	4701
5.59950+	1	3.37274+	1	5.60105+	1	3.44777+	1	5.60419+	1	3.64303+	1	57	3102	4702
5.60700+	1	3.86040+	1	5.60981+	1	4.12526+	1	5.61295+	1	4.48357+	1	57	3102	4703
5.61702+	1	5.05364+	1	5.61770+	1	5.17900+	1	5.62836+	1	7.14412+	1	57	3102	4704
5.62860+	1	7.18743+	1	5.63580+	1	8.48662+	1	5.63974+	1	9.19757+	1	57	3102	4705
5.64310+	1	9.56600+	1	5.64383+	1	9.64604+	1	5.64698+	1	9.82312+	1	57	3102	4706
5.64980+	1	9.84313+	1	5.65262+	1	9.72760+	1	5.65577+	1	9.44218+	1	57	3102	4707
5.65986+	1	8.84727+	1	5.66490+	1	7.72354+	1	5.67214+	1	6.09814+	1	57	3102	4708
5.67940+	1	4.41499+	1	5.68136+	1	3.95743+	1	5.69020+	1	2.48155+	1	57	3102	4709
5.69327+	1	1.99905+	1	5.70994+	1	9.50551+	0	5.71200+	1	9.11819+	0	57	3102	4710
5.71453+	1	6.45747+	0	5.71917+	1	7.76226+	0	5.72650+	1	7.89035+	0	57	3102	4711
5.73603+	1	7.82032+	0	5.74808+	1	1.02625+	1	5.75735+	1	1.40933+	1	57	3102	4712
5.76280+	1	1.79549+	1	5.76982+	1	2.22435+	1	5.77396+	1	2.57540+	1	57	3102	4713

5.77715+	1	2.87135+	1	5.78000+	1	3.14903+	1	5.78100+	1	3.24813+	1	57	3102	4714
5.78285+	1	3.43537+	1	5.78604+	1	3.75081+	1	5.79018+	1	4.12925+	1	57	3102	4715
5.79299+	1	4.35005+	1	5.79580+	1	4.53060+	1	5.79910+	1	4.66843+	1	57	3102	4716
5.79995+	1	4.71726+	1	5.80314+	1	4.81401+	1	5.80600+	1	4.83208+	1	57	3102	4717
5.80886+	1	4.78565+	1	5.81205+	1	4.66264+	1	5.81620+	1	4.40759+	1	57	3102	4718
5.81720+	1	4.32200+	1	5.82870+	1	3.32534+	1	5.83170+	1	3.10570+	1	57	3102	4719
5.83662+	1	2.71203+	1	5.83900+	1	2.60660+	1	5.84458+	1	2.31364+	1	57	3102	4720
5.84990+	1	2.22491+	1	5.85710+	1	2.08776+	1	5.85715+	1	2.08709+	1	57	3102	4721
5.86132+	1	2.06397+	1	5.86453+	1	2.03622+	1	5.86740+	1	1.99828+	1	57	3102	4722
5.86800+	1	1.98701+	1	5.87027+	1	1.92500+	1	5.87348+	1	1.81678+	1	57	3102	4723
5.87765+	1	1.64401+	1	5.88250+	1	1.38746+	1	5.89022+	1	1.11777+	1	57	3102	4724
5.89956+	1	7.83220+	0	5.90070+	1	7.56555+	0	5.91160+	1	4.76924+	0	57	3102	4725
5.91170+	1	4.73996+	0	5.92145+	1	3.24673+	0	5.93129+	1	2.67591+	0	57	3102	4726
5.94354+	1	2.78482+	0	5.94420+	1	2.81720+	0	5.95297+	1	3.19336+	0	57	3102	4727
5.96240+	1	3.82918+	0	5.96565+	1	4.04843+	0	5.96986+	1	4.38804+	0	57	3102	4728
5.97310+	1	4.66454+	0	5.97600+	1	4.92322+	0	5.97890+	1	5.19186+	0	57	3102	4729
5.98050+	1	5.34559+	0	5.98214+	1	5.50323+	0	5.98635+	1	5.92348+	0	57	3102	4730
5.99736+	1	7.04332+	0	6.00084+	1	7.92950+	0	6.01264+	1	8.11578+	0	57	3102	4731
6.01589+	1	8.18267+	0	6.01880+	1	8.18328+	0	6.02171+	1	8.12905+	0	57	3102	4732
6.02496+	1	8.01162+	0	6.02919+	1	7.78348+	0	6.03490+	1	7.42498+	0	57	3102	4733
6.04191+	1	6.98521+	0	6.05116+	1	6.83083+	0	6.06047+	1	7.37014+	0	57	3102	4734
6.07326+	1	9.00282+	0	6.07751+	1	9.60429+	0	6.08077+	1	1.00339+	1	57	3102	4735
6.08370+	1	1.03767+	1	6.08663+	1	1.06669+	1	6.08930+	1	1.08709+	1	57	3102	4736
6.08989+	1	1.09163+	1	6.09414+	1	1.11069+	1	6.09833+	1	1.11338+	1	57	3102	4737
6.10253+	1	1.09942+	1	6.10679+	1	1.06828+	1	6.11007+	1	1.03358+	1	57	3102	4738
6.11300+	1	9.95054+	0	6.11593+	1	9.50328+	0	6.11921+	1	8.94205+	0	57	3102	4739
6.12347+	1	8.13898+	0	6.12560+	1	7.71138+	0	6.12892+	1	7.04515+	0	57	3102	4740
6.13854+	1	5.17112+	0	6.14605+	1	3.95035+	0	6.15183+	1	3.21837+	0	57	3102	4741
6.15700+	1	2.71834+	0	6.16190+	1	2.36896+	0	6.16217+	1	2.34941+	0	57	3102	4742
6.16795+	1	2.06536+	0	6.17350+	1	1.88701+	0	6.17905+	1	1.77901+	0	57	3102	4743
6.18483+	1	1.71697+	0	6.19000+	1	1.69302+	0	6.19517+	1	1.69190+	0	57	3102	4744
6.20095+	1	1.71217+	0	6.20846+	1	1.76388+	0	6.21676+	1	1.84339+	0	57	3102	4745
6.21810+	1	1.85653+	0	6.22398+	1	1.91433+	0	6.22900+	1	1.95507+	0	57	3102	4746
6.23050+	1	1.96720+	0	6.23551+	1	1.99506+	0	6.24000+	1	2.00819+	0	57	3102	4747
6.24449+	1	2.01080+	0	6.24950+	1	2.00423+	0	6.25440+	1	1.99213+	0	57	3102	4748
6.25602+	1	1.98812+	0	6.27260+	1	2.02934+	0	6.27565+	1	2.03692+	0	57	3102	4749
6.27727+	1	2.05494+	0	6.27835+	1	2.06835+	0	6.29137+	1	2.31836+	0	57	3102	4750
6.29570+	1	2.42941+	0	6.29902+	1	2.52410+	0	6.30200+	1	2.61343+	0	57	3102	4751
6.30498+	1	2.70607+	0	6.30830+	1	2.81233+	0	6.31263+	1	2.95328+	0	57	3102	4752
6.31698+	1	3.09649+	0	6.32135+	1	3.23981+	0	6.32568+	1	3.37913+	0	57	3102	4753
6.32901+	1	3.48396+	0	6.33200+	1	3.57569+	0	6.33499+	1	3.66503+	0	57	3102	4754
6.33832+	1	3.77413+	0	6.34265+	1	3.90773+	0	6.34421+	1	3.95716+	0	57	3102	4755
6.34738+	1	4.06220+	0	6.35617+	1	4.43750+	0	6.36294+	1	4.93714+	0	57	3102	4756
6.36900+	1	5.73712+	0	6.37410+	1	6.91653+	0	6.37506+	1	7.13871+	0	57	3102	4757
6.38183+	1	9.84388+	0	6.39062+	1	1.59868+	1	6.39230+	1	1.81087+	1	57	3102	4758
6.40320+	1	3.18742+	1	6.40976+	1	4.01592+	1	6.41410+	1	4.56817+	1	57	3102	4759
6.41926+	1	5.22542+	1	6.42363+	1	5.58943+	1	6.42490+	1	5.64922+	1	57	3102	4760
6.42699+	1	5.74777+	1	6.43000+	1	5.78920+	1	6.43220+	1	5.74796+	1	57	3102	4761
6.43301+	1	5.73279+	1	6.43637+	1	5.55767+	1	6.44074+	1	5.17163+	1	57	3102	4762
6.44310+	1	4.84714+	1	6.45389+	1	3.36719+	1	6.45400+	1	3.35129+	1	57	3102	4763
6.46367+	1	2.01405+	1	6.46490+	1	1.90155+	1	6.47210+	1	1.24233+	1	57	3102	4764
6.47637+	1	8.51006+	0	6.49020+	1	3.81433+	0	6.49416+	1	2.47049+	0	57	3102	4765
6.50457+	1	1.61330+	0	6.51510+	1	1.49342+	0	6.52650+	1	2.18531+	0	57	3102	4766
6.53309+	1	2.58527+	0	6.54470+	1	4.57480+	0	6.54594+	1	4.78729+	0	57	3102	4767
6.55584+	1	7.27940+	0	6.56280+	1	9.02076+	0	6.56914+	1	1.06070+	1	57	3102	4768
6.57356+	1	1.13751+	1	6.57696+	1	1.17818+	1	6.57730+	1	1.18062+	1	57	3102	4769
6.58000+	1	1.20001+	1	6.58304+	1	1.02827+	1	6.58644+	1	1.20295+	1	57	3102	4770
6.58820+	1	1.19301+	1	6.59086+	1	1.17799+	1	6.59910+	1	1.11271+	1	57	3102	4771
6.60416+	1	1.07263+	1	6.61000+	1	1.05894+	1	6.61003+	1	1.05887+	1	57	3102	4772
6.61593+	1	1.08018+	1	6.61720+	1	1.09159+	1	6.62929+	1	1.20017+	1	57	3102	4773
6.63373+	1	1.22789+	1	6.63540+	1	1.23102+	1	6.63714+	1	1.23429+	1	57	3102	4774
6.64020+	1	1.22618+	1	6.64326+	1	1.20373+	1	6.64630+	1	1.16611+	1	57	3102	4775
6.64667+	1	1.16153+	1	6.65111+	1	1.08168+	1	6.65710+	1	9.27665+	0	57	3102	4776
6.66447+	1	7.38167+	0	6.67442+	1	4.87428+	0	6.68232+	1	3.44452+	0	57	3102	4777
6.68250+	1	3.42545+	0	6.69027+	1	2.60212+	0	6.70027+	1	2.23310+	0	57	3102	4778
6.71372+	1	2.32885+	0	6.71819+	1	2.37331+	0	6.72162+	1	2.38544+	0	57	3102	4779
6.72470+	1	2.37418+	0	6.72778+	1	2.33956+	0	6.73121+	1	2.27281+	0	57	3102	4780
6.73568+	1	2.14291+	0	6.74913+	1	1.59019+	0	6.75913+	1	1.18226+	0	57	3102	4781
6.76240+	1	1.09736+	0	6.77212+	1	8.44543+	1	6.78050+	1	7.77458+	1	57	3102	4782
6.78409+	1	7.48720+	1	6.79616+	1	8.33376+	1	6.80926+	1	1.13306+	0	57	3102	4783
6.81680+	1	1.42025+	0	6.81936+	1	1.51771+	0	6.83292+	1	2.15718+	0	57	3102	4784

6.83743+	1	2.35895+	0	6.84090+	1	2.50049+	n	6.84400+	1	2.60848+	0	57	3102	4785
6.84710+	1	2.69786+	0	6.84850+	1	2.73149+	n	6.84989+	1	2.76103+	0	57	3102	4786
6.85300+	1	2.81222+	0	6.85611+	1	2.84441+	n	6.85957+	1	2.86141+	0	57	3102	4787
6.86408+	1	2.86369+	0	6.87766+	1	2.92814+	n	6.88776+	1	3.29177+	0	57	3102	4788
6.89104+	1	3.49931+	0	6.89435+	1	3.75294+	n	6.90450+	1	4.75476+	0	57	3102	4789
6.91816+	1	6.14495+	0	6.92269+	1	6.45967+	n	6.92618+	1	6.61706+	0	57	3102	4790
6.92930+	1	6.68844+	0	6.93242+	1	6.69214+	n	6.93591+	1	6.61887+	0	57	3102	4791
6.94000+	1	6.43508+	0	6.94044+	1	6.41511+	n	6.95410+	1	5.41759+	0	57	3102	4792
6.96190+	1	4.97877+	n	6.96425+	1	4.84641+	n	6.97744+	1	5.29376+	0	57	3102	4793
6.98000+	1	5.71915+	0	6.98463+	1	6.48863+	n	6.99187+	1	8.62102+	0	57	3102	4794
7.00000+	1	1.27675+	1	7.00517+	1	1.54042+	1	7.01541+	1	2.28302+	1	57	3102	4795
7.01810+	1	2.48188+	1	7.02917+	1	3.25591+	1	7.03374+	1	3.49616+	1	57	3102	4796
7.03630+	1	3.59668+	1	7.03725+	1	3.63389+	1	7.04040+	1	3.71745+	1	57	3102	4797
7.04355+	1	3.76128+	1	7.04706+	1	3.76278+	1	7.05163+	1	3.69295+	1	57	3102	4798
7.05440+	1	3.60049+	1	7.05768+	1	3.48792+	1	7.06374+	1	3.18333+	1	57	3102	4799
7.06832+	1	2.91038+	1	7.07184+	1	2.68535+	1	7.07260+	1	2.63560+	1	57	3102	4800
7.07500+	1	2.49194+	1	7.07816+	1	2.30105+	1	7.08168+	1	2.08936+	1	57	3102	4801
7.08626+	1	1.82172+	1	7.09070+	1	1.59571+	1	7.10005+	1	1.17475+	1	57	3102	4802
7.10880+	1	9.03381+	0	7.11032+	1	8.53162+	n	7.11787+	1	6.92539+	0	57	3102	4803
7.12547+	1	6.02576+	0	7.12700+	1	5.98007+	n	7.13579+	1	5.28804+	0	57	3102	4804
7.14967+	1	5.18675+	0	7.15428+	1	5.23706+	0	7.15600+	1	5.25714+	0	57	3102	4805
7.15782+	1	5.27844+	0	7.16100+	1	5.31484+	n	7.16418+	1	5.35287+	0	57	3102	4806
7.16772+	1	5.40029+	0	7.17233+	1	5.50896+	n	7.18140+	1	6.22247+	0	57	3102	4807
7.18621+	1	6.66226+	0	7.19230+	1	8.09327+	n	7.19653+	1	9.16247+	0	57	3102	4808
7.19950+	1	1.02345+	1	7.19989+	1	1.03747+	1	7.20327+	1	1.17565+	1	57	3102	4809
7.20680+	1	1.34915+	1	7.21040+	1	1.52038+	1	7.21366+	1	1.67883+	1	57	3102	4810
7.21770+	1	1.87177+	1	7.22761+	1	2.33797+	1	7.23220+	1	2.47734+	1	57	3102	4811
7.23224+	1	2.47837+	1	7.23581+	1	2.52153+	1	7.23900+	1	2.52480+	1	57	3102	4812
7.24219+	1	2.49360+	1	7.24576+	1	2.41907+	1	7.25030+	1	2.26847+	1	57	3102	4813
7.25039+	1	2.26525+	1	7.26375+	1	1.56072+	1	7.26850+	1	1.30211+	1	57	3102	4814
7.27210+	1	1.12435+	1	7.27846+	1	8.24665+	n	7.28300+	1	6.60521+	0	57	3102	4815
7.28356+	1	6.48417+	0	7.28748+	1	5.87408+	n	7.29020+	1	5.58163+	0	57	3102	4816
7.29100+	1	5.38653+	0	7.29452+	1	4.67235+	0	7.29750+	1	4.17833+	0	57	3102	4817
7.29844+	1	4.02245+	0	7.30354+	1	3.36802+	n	7.30840+	1	3.00994+	0	57	3102	4818
7.31891+	1	2.27000+	0	7.32650+	1	2.03411+	n	7.33035+	1	1.86996+	0	57	3102	4819
7.34519+	1	1.55090+	0	7.36280+	1	1.61958+	0	7.36597+	1	1.63194+	0	57	3102	4820
7.37604+	1	2.01128+	0	7.38100+	1	2.44060+	n	7.38532+	1	2.81470+	0	57	3102	4821
7.39910+	1	6.43941+	0	7.40447+	1	7.90472+	n	7.41815+	1	1.67594+	1	57	3102	4822
7.42868+	1	2.65348+	1	7.44260+	1	3.90337+	1	7.44284+	1	3.92467+	1	57	3102	4823
7.44754+	1	4.19161+	1	7.45116+	1	4.31496+	1	7.45440+	1	4.35842+	1	57	3102	4824
7.45710+	1	4.34046+	1	7.45744+	1	4.33641+	1	7.46126+	1	4.23534+	1	57	3102	4825
7.46596+	1	3.99902+	1	7.47890+	1	2.96140+	1	7.48012+	1	2.86304+	1	57	3102	4826
7.48250+	1	2.65907+	1	7.48563+	1	2.39681+	1	7.48620+	1	2.35506+	1	57	3102	4827
7.48980+	1	2.08898+	1	7.49117+	1	1.98772+	1	7.49340+	1	1.88106+	1	57	3102	4828
7.49710+	1	1.70409+	1	7.50430+	1	1.35972+	1	7.50539+	1	1.30743+	1	57	3102	4829
7.50790+	1	1.24703+	1	7.51011+	1	1.18637+	1	7.51375+	1	1.11560+	1	57	3102	4830
7.51700+	1	1.06887+	1	7.51880+	1	1.04971+	1	7.52025+	1	1.03703+	1	57	3102	4831
7.52389+	1	1.01563+	1	7.52861+	1	9.97624+	n	7.53553+	1	9.77144+	0	57	3102	4832
7.54246+	1	9.48268+	0	7.54420+	1	9.37070+	n	7.54720+	1	9.21864+	0	57	3102	4833
7.55084+	1	8.95823+	0	7.55410+	1	8.66537+	n	7.55736+	1	8.31042+	0	57	3102	4834
7.55870+	1	8.14563+	0	7.56100+	1	7.93705+	n	7.56574+	1	7.42318+	0	57	3102	4835
7.57999+	1	5.58804+	0	7.58050+	1	5.52771+	n	7.59060+	1	4.47050+	0	57	3102	4836
7.60230+	1	3.73694+	0	7.60436+	1	3.52709+	n	7.61431+	1	2.96874+	0	57	3102	4837
7.61680+	1	2.90966+	0	7.62433+	1	2.53601+	n	7.63821+	1	2.25095+	0	57	3102	4838
7.64890+	1	2.25368+	0	7.66327+	1	2.37984+	n	7.66804+	1	2.42253+	0	57	3102	4839
7.67171+	1	2.45356+	0	7.67480+	1	2.48123+	n	7.67500+	1	2.48681+	0	57	3102	4840
7.67829+	1	2.58495+	0	7.68196+	1	2.71033+	n	7.68673+	1	2.91840+	0	57	3102	4841
7.69660+	1	3.79598+	0	7.70110+	1	4.19561+	n	7.71110+	1	6.05018+	0	57	3102	4842
7.71179+	1	6.17751+	0	7.71201+	1	6.22970+	n	7.71224+	1	6.28255+	0	57	3102	4843
7.72298+	1	9.20653+	0	7.73741+	1	1.32782+	1	7.74221+	1	1.42692+	1	57	3102	4844
7.74590+	1	1.48254+	1	7.74920+	1	1.51589+	1	7.75250+	1	1.53393+	1	57	3102	4845
7.75619+	1	1.53763+	1	7.75620+	1	1.53760+	1	7.76099+	1	1.52201+	1	57	3102	4846
7.76190+	1	1.51661+	1	7.77542+	1	1.43682+	1	7.78039+	1	1.42849+	1	57	3102	4847
7.78537+	1	1.43969+	1	7.79987+	1	1.53422+	1	7.80468+	1	1.55317+	1	57	3102	4848
7.80838+	1	1.55200+	1	7.81170+	1	1.53620+	1	7.81502+	1	1.50492+	1	57	3102	4849
7.81872+	1	1.45128+	1	7.82353+	1	1.35379+	1	7.83000+	1	1.16873+	1	57	3102	4850
7.83630+	1	1.05945+	1	7.83803+	1	1.01091+	1	7.84881+	1	7.00637+	0	57	3102	4851
7.85440+	1	5.86830+	0	7.86281+	1	4.11247+	n	7.87260+	1	3.25355+	0	57	3102	4852
7.88241+	1	2.33785+	0	7.88907+	1	2.13895+	0	7.89070+	1	2.12743+	0	57	3102	4853
7.89578+	1	2.00937+	0	7.90880+	1	2.36297+	n	7.91558+	1	2.65973+	0	57	3102	4854

7.92700+	1	4.16433+	0	7.92972+	1	4.50749+	0	7.94061+	1	6.54496+	0	57	3102	4855
7.94510+	1	7.36236+	0	7.95525+	1	9.32348+	0	7.96011+	1	9.95809+	0	57	3102	4856
7.96385+	1	1.02803+	1	7.96720+	1	1.04355+	1	7.97055+	1	1.04638+	1	57	3102	4857
7.97429+	1	1.03546+	1	7.97915+	1	1.00244+	1	7.98140+	1	9.78174+	0	57	3102	4858
7.99379+	1	8.44552+	0	7.99950+	1	7.94442+	0	8.00138+	1	7.77943+	0	57	3102	4859
8.00680+	1	7.53741+	0	8.00900+	1	7.43918+	0	8.02370+	1	7.48019+	0	57	3102	4860
8.02490+	1	7.48769+	0	8.02858+	1	7.51096+	0	8.03234+	1	7.48049+	0	57	3102	4861
8.03570+	1	7.39738+	0	8.03906+	1	7.25306+	0	8.04282+	1	7.02080+	0	57	3102	4862
8.04670+	1	6.68950+	0	8.04770+	1	6.63855+	0	8.06240+	1	5.44619+	0	57	3102	4863
8.07334+	1	4.69326+	0	8.07570+	1	4.70276+	0	8.08640+	1	4.37080+	0	57	3102	4864
8.08754+	1	4.29891+	0	8.08937+	1	4.27599+	0	8.09121+	1	4.28269+	0	57	3102	4865
8.09750+	1	4.75161+	0	8.10551+	1	5.49594+	0	8.10840+	1	6.01947+	0	57	3102	4866
8.11652+	1	7.64943+	0	8.13132+	1	1.05928+	1	8.13380+	1	1.08929+	1	57	3102	4867
8.13623+	1	1.12064+	1	8.14001+	1	1.14830+	1	8.14340+	1	1.15556+	1	57	3102	4868
8.14679+	1	1.14576+	1	8.15057+	1	1.11520+	1	8.15190+	1	1.09683+	1	57	3102	4869
8.15548+	1	1.04749+	1	8.16280+	1	8.87550+	0	8.17028+	1	7.44646+	0	57	3102	4870
8.18100+	1	5.27414+	0	8.18129+	1	5.21446+	0	8.19559+	1	3.25102+	0	57	3102	4871
8.20000+	1	2.89854+	0	8.20001+	1	1.89854+	0	8.20008+	1	1.22333+	1	57	3102	4872
1.15690+	2	1.20924+	1	1.48550+	2	1.28408+	1	1.90740+	2	1.03148+	1	57	3102	4873
2.45000+	2	9.59833+	0	3.00000+	2	6.30529+	0	3.50000+	2	5.62170+	0	57	3102	4874
4.00000+	2	5.05917+	0	4.50000+	2	5.21401+	0	5.00000+	2	5.25621+	0	57	3102	4875
5.60000+	2	5.55541+	0	6.20000+	2	4.65327+	0	7.50000+	2	5.23444+	0	57	3102	4876
8.00000+	2	5.25995+	0	8.30000+	2	4.38884+	0	9.00000+	2	4.04192+	0	57	3102	4877
1.00000+	3	4.02164+	0	1.10000+	3	4.43557+	0	1.50000+	3	3.18286+	0	57	3102	4878
1.80000+	3	2.75907+	0	2.00000+	3	2.42603+	0	2.50000+	3	2.02813+	0	57	3102	4879
3.00000+	3	1.87219+	0	3.50000+	3	1.82107+	0	3.80000+	3	1.78942+	0	57	3102	4880
4.50000+	3	1.63511+	0	5.00000+	3	1.52774+	0	5.00000+	3	1.47658+	0	57	3102	4881
6.00000+	3	1.41471+	0	6.50000+	3	1.30712+	0	7.00000+	3	1.25641+	0	57	3102	4882
7.50000+	3	1.24857+	0	8.00000+	3	1.20534+	0	8.50000+	3	1.13069+	0	57	3102	4883
9.00000+	3	1.12707+	0	9.50000+	3	1.27147+	0	1.00000+	4	1.19411+	0	57	3102	4884
1.25000+	4	1.10907+	0	1.30000+	4	1.11446+	0	1.32000+	4	1.11662+	0	57	3102	4885
1.42000+	4	1.12740+	0	1.48000+	4	1.13387+	0	1.50000+	4	1.13603+	0	57	3102	4886
1.61000+	4	1.01451+	0	1.63000+	4	9.92419+	1	1.65000+	4	9.70325+	1	57	3102	4887
1.85000+	4	1.04703+	0	2.05000+	4	8.73432+	1	2.20000+	4	1.01665+	0	57	3102	4888
2.25000+	4	9.89838+	1	2.33000+	4	9.46939+	1	2.35000+	4	9.36214+	1	57	3102	4889
2.37000+	4	9.33858+	1	2.43000+	4	9.26789+	1	2.46000+	4	9.23255+	1	57	3102	4890
2.50000+	4	9.18542+	1	2.50000+	4	8.39000+	1	2.53000+	4	8.37120+	1	57	3102	4891
2.57000+	4	8.34650+	1	2.62000+	4	8.31620+	1	2.65000+	4	8.29830+	1	57	3102	4892
2.72000+	4	8.25730+	1	2.75000+	4	8.24000+	1	2.83000+	4	8.21690+	1	57	3102	4893
2.88000+	4	8.20280+	1	2.93000+	4	8.18900+	1	2.98000+	4	8.17540+	1	57	3102	4894
3.00000+	4	8.17000+	1	3.11000+	4	8.12950+	1	3.13000+	4	8.12230+	1	57	3102	4895
3.18000+	4	8.10450+	1	3.21000+	4	8.09390+	1	3.25000+	4	8.08000+	1	57	3102	4896
3.28000+	4	8.05640+	1	3.42000+	4	7.94930+	1	3.45000+	4	7.92690+	1	57	3102	4897
3.50000+	4	7.89000+	1	3.62000+	4	7.79230+	1	3.65000+	4	7.76840+	1	57	3102	4898
3.70000+	4	7.72890+	1	3.79000+	4	7.66210+	1	3.81000+	4	7.60700+	1	57	3102	4899
3.91000+	4	7.57990+	1	3.94000+	4	7.55980+	1	4.00000+	4	7.52000+	1	57	3102	4900
4.04000+	4	7.48880+	1	4.10000+	4	7.44290+	1	4.15000+	4	7.40460+	1	57	3102	4901
4.20000+	4	7.36710+	1	4.30000+	4	7.29110+	1	4.35000+	4	7.24510+	1	57	3102	4902
4.38000+	4	7.22980+	1	4.43000+	4	7.19210+	1	4.48000+	4	7.15480+	1	57	3102	4903
4.50000+	4	7.14000+	1	4.52000+	4	7.12440+	1	4.54000+	4	7.10890+	1	57	3102	4904
4.60000+	4	7.06280+	1	4.62000+	4	7.04750+	1	4.65000+	4	7.02480+	1	57	3102	4905
4.68000+	4	7.00220+	1	4.73000+	4	6.96480+	1	4.76000+	4	6.94840+	1	57	3102	4906
4.82000+	4	6.93860+	1	4.84000+	4	6.93540+	1	4.88000+	4	6.92890+	1	57	3102	4907
4.90000+	4	6.92580+	1	5.00000+	4	6.91000+	1	5.02000+	4	6.90670+	1	57	3102	4908
5.06000+	4	6.90020+	1	5.09000+	4	6.89540+	1	5.12000+	4	6.89060+	1	57	3102	4909
5.15000+	4	6.88580+	1	5.22000+	4	6.87470+	1	5.25000+	4	6.87000+	1	57	3102	4910
5.35000+	4	6.83760+	1	5.39000+	4	6.82470+	1	5.42000+	4	6.81520+	1	57	3102	4911
5.46000+	4	6.80260+	1	5.50000+	4	6.79000+	1	5.53000+	4	6.77900+	1	57	3102	4912
5.57000+	4	6.76440+	1	5.61000+	4	6.74990+	1	5.67000+	4	6.72840+	1	57	3102	4913
5.71000+	4	6.71410+	1	5.76000+	4	6.69270+	1	5.79000+	4	6.67070+	1	57	3102	4914
5.83000+	4	6.64160+	1	5.87000+	4	6.61260+	1	5.91000+	4	6.58390+	1	57	3102	4915
5.92000+	4	6.57680+	1	5.98000+	4	6.53410+	1	6.00000+	4	6.52000+	1	57	3102	4916
6.03000+	4	6.49560+	1	6.12000+	4	6.42300+	1	6.15000+	4	6.39900+	1	57	3102	4917
6.20000+	4	6.35940+	1	6.25000+	4	6.32000+	1	6.29000+	4	6.30860+	1	57	3102	4918
6.32000+	4	6.30010+	1	6.42000+	4	6.27210+	1	6.47000+	4	6.25830+	1	57	3102	4919
6.50000+	4	6.25000+	1	6.51000+	4	6.24800+	1	6.61000+	4	6.22780+	1	57	3102	4920
6.65000+	4	6.21980+	1	6.70000+	4	6.20980+	1	6.74000+	4	6.20200+	1	57	3102	4921
6.80000+	4	6.17560+	1	6.83000+	4	6.16110+	1	6.89000+	4	6.13230+	1	57	3102	4922
6.94000+	4	6.10840+	1	7.00000+	4	6.08000+	1	7.03000+	4	6.06290+	1	57	3102	4923
7.09000+	4	6.02900+	1	7.20000+	4	5.96760+	1	7.25000+	4	5.94000+	1	57	3102	4924

7.31000+	4	5.90600-	1	7.37000+	4	5.87220-	1	7.41000+	4	5.84990-	1	57	3102	4925
7.48000+	4	5.81100-	1	7.50000+	4	5.80000-	1	7.53000+	4	5.78300-	1	57	3102	4926
7.58000+	4	5.75470-	1	7.65000+	4	5.71550-	1	7.70000+	4	5.68760-	1	57	3102	4927
7.76000+	4	5.65840-	1	7.84000+	4	5.64550-	1	7.89000+	4	5.63740-	1	57	3102	4928
7.94000+	4	5.62950-	1	8.00000+	4	5.62000-	1	8.07000+	4	5.60870-	1	57	3102	4929
8.20000+	4	5.58790-	1	8.27000+	4	5.56620-	1	8.33000+	4	5.52500-	1	57	3102	4930
8.40000+	4	5.47740-	1	8.47000+	4	5.43010-	1	8.50000+	4	5.41000-	1	57	3102	4931
8.53000+	4	5.38930-	1	8.61000+	4	5.33460-	1	8.68000+	4	5.28710-	1	57	3102	4932
8.75000+	4	5.24000-	1	8.83000+	4	5.20770-	1	8.90000+	4	5.17970-	1	57	3102	4933
9.00000+	4	5.14000-	1	9.03000+	4	5.13030-	1	9.12000+	4	5.10130-	1	57	3102	4934
9.28000+	4	5.05880-	1	9.36000+	4	5.05560-	1	9.44000+	4	5.05240-	1	57	3102	4935
9.50000+	4	5.05000-	1	9.52000+	4	5.04920-	1	9.60000+	4	5.04600-	1	57	3102	4936
9.68000+	4	5.04280-	1	9.77000+	4	5.02630-	1	9.85000+	4	4.97190-	1	57	3102	4937
9.93000+	4	4.91790-	1	9.99000+	4	4.87770-	1	1.00000+	5	4.87100-	1	57	3102	4938
1.03000+	5	4.79460-	1	1.20000+	5	4.40000-	1	1.35000+	5	4.07270-	1	57	3102	4939
1.40000+	5	3.97170-	1	1.50000+	5	3.78000-	1	1.60000+	5	3.61000-	1	57	3102	4940
1.73000+	5	3.36730-	1	1.80000+	5	3.24400-	1	2.00000+	5	2.94000-	1	57	3102	4941
2.07000+	5	2.85980-	1	2.15000+	5	2.77150-	1	2.20000+	5	2.71790-	1	57	3102	4942
2.25000+	5	2.66550-	1	2.35000+	5	2.56420-	1	2.40000+	5	2.51510-	1	57	3102	4943
2.50000+	5	2.42000-	1	2.60000+	5	2.35870-	1	2.70000+	5	2.29980-	1	57	3102	4944
2.80000+	5	2.24300-	1	3.00000+	5	2.12500-	1	3.20000+	5	2.01990-	1	57	3102	4945
3.25000+	5	1.99470-	1	3.40000+	5	1.92120-	1	3.50000+	5	1.87400-	1	57	3102	4946
3.60000+	5	1.84590-	1	3.80000+	5	1.79200-	1	4.00000+	5	1.74200-	1	57	3102	4947
4.20000+	5	1.69480-	1	4.40000+	5	1.64980-	1	4.50000+	5	1.62800-	1	57	3102	4948
4.60000+	5	1.60820-	1	4.70000+	5	1.58880-	1	4.80000+	5	1.56980-	1	57	3102	4949
5.00000+	5	1.53300-	1	5.20000+	5	1.50210-	1	5.40000+	5	1.47240-	1	57	3102	4950
5.50000+	5	1.45800-	1	5.60000+	5	1.44700-	1	5.70000+	5	1.43620-	1	57	3102	4951
5.80000+	5	1.42560-	1	6.00000+	5	1.40500-	1	6.20000+	5	1.37920-	1	57	3102	4952
6.40000+	5	1.35420-	1	6.50000+	5	1.34200-	1	6.60000+	5	1.32990-	1	57	3102	4953
6.70000+	5	1.31800-	1	6.80000+	5	1.30620-	1	7.00000+	5	1.28300-	1	57	3102	4954
7.20000+	5	1.25550-	1	7.30000+	5	1.24200-	1	7.40000+	5	1.23140-	1	57	3102	4955
7.50000+	5	1.22100-	1	7.60000+	5	1.21290-	1	7.70000+	5	1.20500-	1	57	3102	4956
7.75000+	5	1.20040-	1	7.80000+	5	1.19590-	1	8.00000+	5	1.17800-	1	57	3102	4957
8.20000+	5	1.16330-	1	8.40000+	5	1.14900-	1	8.50000+	5	1.14200-	1	57	3102	4958
8.60000+	5	1.13870-	1	8.80000+	5	1.13230-	1	9.00000+	5	1.12600-	1	57	3102	4959
9.20000+	5	1.11750-	1	9.40000+	5	1.10910-	1	9.50000+	5	1.10500-	1	57	3102	4960
9.60000+	5	1.09900-	1	9.70000+	5	1.09300-	1	9.80000+	5	1.08440-	1	57	3102	4961
1.00000+	6	1.06760-	1	1.05000+	6	1.01430-	1	1.10000+	6	9.63500-	2	57	3102	4962
1.15000+	6	9.14710-	2	1.20000+	6	8.68000-	2	1.25000+	6	8.29750-	2	57	3102	4963
1.29500+	6	7.96610-	2	1.30000+	6	7.93000-	2	1.35000+	6	7.60610-	2	57	3102	4964
1.40000+	6	7.29400-	2	1.45000+	6	6.95270-	2	1.49500+	6	6.65550-	2	57	3102	4965
1.50000+	6	6.62300-	2	1.60000+	6	6.22200-	2	1.70000+	6	5.85100-	2	57	3102	4966
1.80000+	6	5.56200-	2	1.90000+	6	5.25100-	2	2.00000+	6	4.95600-	2	57	3102	4967
2.10000+	6	4.74050-	2	2.20000+	6	4.53500-	2	2.30000+	6	4.30830-	2	57	3102	4968
2.40000+	6	4.09120-	2	2.50000+	6	3.88300-	2	2.60000+	6	3.72210-	2	57	3102	4969
2.70000+	6	3.56720-	2	2.80000+	6	3.41800-	2	2.90000+	6	3.25020-	2	57	3102	4970
3.00000+	6	3.08800-	2	3.10000+	6	2.97970-	2	3.20000+	6	2.87490-	2	57	3102	4971
3.30000+	6	2.77330-	2	3.40000+	6	2.67470-	2	3.50000+	6	2.57900-	2	57	3102	4972
3.60000+	6	2.49900-	2	3.70000+	6	2.42130-	2	3.80000+	6	2.34560-	2	57	3102	4973
3.90000+	6	2.27190-	2	4.00000+	6	2.20000-	2	4.10000+	6	2.13850-	2	57	3102	4974
4.20000+	6	2.07850-	2	4.30000+	6	2.01990-	2	4.40000+	6	1.96270-	2	57	3102	4975
4.50000+	6	1.90670-	2	4.60000+	6	1.85200-	2	4.70000+	6	1.80970-	2	57	3102	4976
4.80000+	6	1.76830-	2	4.90000+	6	1.72770-	2	5.00000+	6	1.68800-	2	57	3102	4977
5.10000+	6	1.64480-	2	5.20000+	6	1.60240-	2	5.25000+	6	1.58150-	2	57	3102	4978
5.30000+	6	1.56080-	2	5.40000+	6	1.52000-	2	5.50000+	6	1.48000-	2	57	3102	4979
5.60000+	6	1.44960-	2	5.70000+	6	1.41970-	2	5.80000+	6	1.39030-	2	57	3102	4980
5.90000+	6	1.36140-	2	6.00000+	6	1.33300-	2	6.10000+	6	1.31010-	2	57	3102	4981
6.20000+	6	1.28750-	2	6.30000+	6	1.26530-	2	6.40000+	6	1.24350-	2	57	3102	4982
6.50000+	6	1.22200-	2	6.60000+	6	1.18950-	2	6.70000+	6	1.15740-	2	57	3102	4983
6.80000+	6	1.12580-	2	6.90000+	6	1.09470-	2	7.00000+	6	1.06400-	2	57	3102	4984
7.10000+	6	1.04200-	2	7.20000+	6	1.02030-	2	7.30000+	6	9.98920-	3	57	3102	4985
7.40000+	6	9.77820-	3	7.50000+	6	9.57000-	3	7.60000+	6	9.27040-	3	57	3102	4986
7.65000+	6	9.12200-	3	7.70000+	6	8.97460-	3	7.80000+	6	8.68270-	3	57	3102	4987
7.90000+	6	8.39460-	3	8.00000+	6	8.11000-	3	8.20000+	6	7.65930-	3	57	3102	4988
8.40000+	6	7.21950-	3	8.50000+	6	7.00350-	3	8.60000+	6	6.79000-	3	57	3102	4989
8.80000+	6	6.31470-	3	9.00000+	6	5.85000-	3	9.20000+	6	5.49580-	3	57	3102	4990
9.40000+	6	5.14930-	3	9.50000+	6	4.97870-	3	9.60000+	6	4.81000-	3	57	3102	4991
9.80000+	6	4.46650-	3	1.00000+	7	4.13000-	3	1.05000+	7	3.65900-	3	57	3102	4992
1.10000+	7	3.21000-	3	1.15000+	7	2.89840-	3	1.19000+	7	2.65870-	3	57	3102	4993
1.20000+	7	2.60000-	3	1.25000+	7	2.80400-	3	1.30000+	7	3.00000-	3	57	3102	4994
1.35000+	7	2.55690-	3	1.40000+	7	2.13000-	3	1.45000+	7	1.92700-	3	57	3102	4995

1.50000+ 7	1.73000- 3									57	3102	4996
9.22350+ .4	2.33025+ 2									57	3	0 4997
0.	0.									57	3102	4998
										57	3102	4999
1.0000E+03	1.0000E+01									57	3102	5000
										56	57	3102 5001
											57	3102 5002
8.20008+ 1	1.08100+ 1	1.15690+ 2	1.13998+ 1	1.48550+ 2	1.34892+ 1	57	3102	5003				
1.90740+ 2	1.18581+ 1	2.45000+ 2	1.55350+ 1	7.56946+ 0	57	3102	5004					
3.50000+ 2	6.75012+ 0	4.00000+ 2	6.10185+ 0	6.97365+ 0	57	3102	5005					
5.00000+ 2	7.90858+ 0	5.60000+ 2	8.86757+ 0	6.32778+ 0	57	3102	5006					
7.50000+ 2	7.53742+ 0	8.00000+ 2	7.54368+ 0	5.67125+ 0	57	3102	5007					
9.00000+ 2	5.11868+ 0	1.00000+ 3	5.22025+ 0	1.10000+ 3	6.22254+ 0	57	3102	5008				
1.50000+ 3	4.35817+ 0	1.80000+ 3	3.68426+ 0	2.00000+ 3	3.14979+ 0	57	3102	5009				
2.50000+ 3	2.56927+ 0	3.00000+ 3	2.34731+ 0	3.50000+ 3	2.29135+ 0	57	3102	5010				
3.80000+ 3	2.25256+ 0	4.50000+ 3	2.01807+ 0	3.00000+ 3	1.85482+ 0	57	3102	5011				
5.50000+ 3	1.78217+ 0	6.00000+ 3	1.69160+ 0	6.50000+ 3	1.53181+ 0	57	3102	5012				
7.00000+ 3	1.45987+ 0	7.50000+ 3	1.45100+ 0	8.00000+ 3	1.38984+ 0	57	3102	5013				
8.50000+ 3	1.28348+ 0	9.00000+ 3	1.27834+ 0	9.50000+ 3	1.48911+ 0	57	3102	5014				
1.00000+ 4	1.37397+ 0	1.25000+ 4	1.25330+ 0	1.30000+ 4	1.26153+ 0	57	3102	5015				
1.32000+ 4	1.26474+ 0	1.42000+ 4	1.28080+ 0	1.48000+ 4	1.29043+ 0	57	3102	5016				
1.50000+ 4	1.29364+ 0	1.61000+ 4	1.12560+ 0	1.63000+ 4	1.09505+ 0	57	3102	5017				
1.65000+ 4	1.06450+ 0	1.85000+ 4	1.16873+ 0	2.05000+ 4	9.39891- 1	57	3102	5018				
2.20000+ 4	1.12762+ 0	2.25000+ 4	1.09208+ 0	2.33000+ 4	1.03522+ 0	57	3102	5019				
2.35000+ 4	1.02100+ 0	2.37000+ 4	1.01796+ 0	2.43000+ 4	1.00884+ 0	57	3102	5020				
2.46000+ 4	1.00428+ 0	2.50000+ 4	9.98200- 1	0.00000+ 0	0.00000+ 0	57	3102	5021				
1.0000E+03	1.0000E+02					56	57	3102 5022				
								57 3102 5023				
8.20008+ 1	1.01900+ 1	1.15690+ 2	1.04999+ 1	1.48550+ 2	1.14243+ 1	57	3102	5024				
1.90740+ 2	9.49766+ 0	2.45000+ 2	9.05498+ 0	3.00000+ 2	6.08923+ 0	57	3102	5025				
3.50000+ 2	5.48666+ 0	4.00000+ 2	4.97600+ 0	5.50000+ 2	5.16005+ 0	57	3102	5026				
5.00000+ 2	5.23576+ 0	5.60000+ 2	5.56642+ 0	6.20000+ 2	4.66704+ 0	57	3102	5027				
7.50000+ 2	5.28863+ 0	8.00000+ 2	5.32354+ 0	8.30000+ 2	4.42290+ 0	57	3102	5028				
9.00000+ 2	4.08396+ 0	1.00000+ 3	4.07486+ 0	1.10000+ 3	4.51645+ 0	57	3102	5029				
1.50000+ 3	3.24936+ 0	1.80000+ 3	2.81681+ 0	2.00000+ 3	2.47401+ 0	57	3102	5030				
2.50000+ 3	2.76666+ 0	3.00000+ 3	1.90728+ 0	3.50000+ 3	1.85620+ 0	57	3102	5031				
3.80000+ 3	1.82423+ 0	4.50000+ 3	1.66478+ 0	5.00000+ 3	1.55363+ 0	57	3102	5032				
5.50000+ 3	1.50100+ 0	6.00000+ 3	1.43710+ 0	6.50000+ 3	1.32569+ 0	57	3102	5033				
7.00000+ 3	1.27340+ 0	7.50000+ 3	1.26548+ 0	8.00000+ 3	1.22089+ 0	57	3102	5034				
8.50000+ 3	1.14379+ 0	9.00000+ 3	1.14006+ 0	9.50000+ 3	1.28955+ 0	57	3102	5035				
1.00000+ 4	1.20934+ 0	1.25000+ 4	1.12155+ 0	1.30000+ 4	1.12715+ 0	57	3102	5036				
1.32000+ 4	1.12939+ 0	1.42000+ 4	1.14058+ 0	1.48000+ 4	1.14730+ 0	57	3102	5037				
1.50000+ 4	1.14954+ 0	1.61000+ 4	1.02429+ 0	1.63000+ 4	1.00152+ 0	57	3102	5038				
1.65000+ 4	9.78750- 1	1.85000+ 4	1.05770+ 0	2.05000+ 4	8.79531- 1	57	3102	5039				
2.20000+ 4	1.02646+ 0	2.25000+ 4	9.98970- 1	2.33000+ 4	9.54821- 1	57	3102	5040				
2.35000+ 4	9.43800- 1	2.37000+ 4	9.41400- 1	2.43000+ 4	9.34200- 1	57	3102	5041				
2.46000+ 4	9.30600- 1	2.50000+ 4	9.25800- 1	0.00000+ 0	0.00000+ 0	57	3102	5042				
1.0000E+03	1.0000E+03					56	57	3102 5043				
								57 3102 5044				
8.20008+ 1	1.18600+ 1	1.15690+ 2	1.18200+ 1	1.48550+ 2	1.26017+ 1	57	3102	5045				
1.90740+ 2	1.01824+ 1	2.45000+ 2	9.50084+ 0	3.00000+ 2	6.27237+ 0	57	3102	5046				
3.50000+ 2	5.60106+ 0	4.00000+ 2	5.04606+ 0	5.50000+ 2	5.20337+ 0	57	3102	5047				
5.00000+ 2	5.24859+ 0	5.60000+ 2	5.55098+ 0	6.20000+ 2	4.65196+ 0	57	3102	5048				
7.50000+ 2	5.23724+ 0	8.00000+ 2	5.26396+ 0	8.30000+ 2	4.38376+ 0	57	3102	5049				
9.00000+ 2	4.04520+ 0	1.00000+ 3	4.02609+ 0	1.10000+ 3	4.44251+ 0	57	3102	5050				
1.50000+ 3	3.18898+ 0	1.80000+ 3	2.76449+ 0	2.00000+ 3	2.43057+ 0	57	3102	5051				
2.50000+ 3	2.73182+ 0	3.00000+ 3	1.87556+ 0	3.50000+ 3	1.82446+ 0	57	3102	5052				
3.80000+ 3	1.79278+ 0	4.50000+ 3	1.63798+ 0	5.00000+ 3	1.53025+ 0	57	3102	5053				
5.50000+ 3	1.47895+ 0	6.00000+ 3	1.41689+ 0	6.50000+ 3	1.30893+ 0	57	3102	5054				
7.00000+ 3	1.25807+ 0	7.50000+ 3	1.25022+ 0	8.00000+ 3	1.20685+ 0	57	3102	5055				
8.50000+ 3	1.13197+ 0	9.00000+ 3	1.12834+ 0	9.50000+ 3	1.27323+ 0	57	3102	5056				
1.00000+ 4	1.19560+ 0	1.25000+ 4	1.11029+ 0	1.30000+ 4	1.11570+ 0	57	3102	5057				
1.32000+ 4	1.11786+ 0	1.42000+ 4	1.12869+ 0	1.48000+ 4	1.13518+ 0	57	3102	5058				
1.50000+ 4	1.13735+ 0	1.61000+ 4	1.01547+ 0	1.63000+ 4	9.93311- 1	57	3102	5059				
1.65000+ 4	9.71151- 1	1.85000+ 4	1.04807+ 0	2.05000+ 4	8.74032- 1	57	3102	5060				
2.20000+ 4	1.01761+ 0	2.25000+ 4	9.90740- 1	2.33000+ 4	9.47748- 1	57	3102	5061				
2.35000+ 4	9.37000- 1	2.37000+ 4	9.34640- 1	2.43000+ 4	9.27560- 1	57	3102	5062				
2.46000+ 4	9.24020- 1	2.50000+ 4	9.19300- 1	0.00000+ 0	0.00000+ 0	57	3102	5063				
1.0000E+03	1.0000E+04					56	57	3102 5064				
								57 3102 5065				
8.20008+ 1	1.22000+ 1	1.15690+ 2	1.20700+ 1	1.48550+ 2	1.28173+ 1	57	3102	5066				
1.90740+ 2	1.03020+ 1	2.45000+ 2	9.58879+ 0	3.00000+ 2	6.30215+ 0	57	3102	5067				

3.50000+	2	5.61974+	0	4.00000+	2	5.05792+	0	4.50000+	2	5.21298+	0	57	3102	5068
5.00000+	2	5.25545+	0	5.60000+	2	5.55494+	0	5.20000+	2	4.65312+	0	57	3102	5069
7.50000+	2	5.23467+	0	8.00000+	2	5.26029+	0	5.30000+	2	4.38109+	0	57	3102	5070
9.00000+	2	4.04221+	0	1.00000+	3	4.02203+	0	1.10000+	3	4.43619+	0	57	3102	5071
1.50000+	3	3.18342+	0	1.80000+	3	2.75956+	0	2.00000+	3	2.42644+	0	57	3102	5072
2.50000+	3	2.02846+	0	3.00000+	3	1.87249+	0	3.50000+	3	1.82138+	0	57	3102	5073
3.80000+	3	1.78972+	0	4.50000+	3	1.63537+	0	5.00000+	3	1.52797+	0	57	3102	5074
5.50000+	3	1.47680+	0	6.00000+	3	1.41491+	0	6.50000+	3	1.30728+	0	57	3102	5075
7.00000+	3	1.25656+	0	7.50000+	3	1.24872+	0	8.00000+	3	1.20548+	0	57	3102	5076
8.50000+	3	1.13081+	0	9.00000+	3	1.12719+	0	9.50000+	3	1.27163+	0	57	3102	5077
1.00000+	4	1.19424+	0	1.25000+	4	1.10918+	0	1.30000+	4	1.11458+	0	57	3102	5078
1.32000+	4	1.11674+	0	1.42000+	4	1.12752+	0	1.48000+	4	1.13399+	0	57	3102	5079
1.50000+	4	1.13615+	0	1.61000+	4	1.01460+	0	1.63000+	4	9.92500-	1	57	3102	5080
1.65000+	4	9.70400-	1	1.85000+	4	1.04712+	0	2.05000+	4	8.73487-	1	57	3102	5081
2.20000+	4	1.01674+	0	2.25000+	4	9.89927-	1	2.33000+	4	9.47025-	1	57	3102	5082
2.35000+	4	9.36300-	1	2.37000+	4	9.33940-	1	2.43000+	4	9.26860-	1	57	3102	5083
2.46000+	4	9.23320-	1	2.50000+	4	9.18600-	1	0.00000+	0	0.00000+	0	57	3102	5084
0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	57	3	0 5085
9.22350+	4	2.33025+	2	0.	0.	0.	0.	0.	0.	0.	0.	57	3251	5086
0.00000+	0	0.00000+	0	0.	0.	0.	0.	1.	38	57	3251	5087		
1.00000-	5	2.86136-	3	1.00000+	4	2.86136-	3	5.00000+	4	3.73673-	2	57	3251	5088
1.00000+	5	7.90031-	2	2.07000+	5	1.92935-	1	3.00000+	5	3.26899-	1	57	3251	5090
3.50000+	5	2.81555-	1	4.00000+	5	3.11422-	1	4.50000+	5	3.25764-	1	57	3251	5091
4.70000+	5	3.40031-	1	5.00000+	5	3.36768-	1	5.50000+	5	3.59244-	1	57	3251	5092
5.70000+	5	3.81448-	1	6.00000+	5	3.81592-	1	6.50000+	5	4.22821-	1	57	3251	5093
7.00000+	5	3.72169-	1	7.50000+	5	4.00055-	1	7.75000+	5	4.53116-	1	57	3251	5094
8.00000+	5	3.88312-	1	8.50000+	5	3.96824-	1	9.00000+	5	4.34790-	1	57	3251	5095
9.50000+	5	4.48735-	1	1.00000+	6	4.18838-	1	1.05000+	6	4.43341-	1	57	3251	5096
1.10000+	6	4.37309-	1	1.15000+	6	4.19036-	1	1.20000+	6	4.32303-	1	57	3251	5097
1.25000+	6	4.22851-	1	1.29500+	6	4.32836-	1	1.35000+	6	4.00580-	1	57	3251	5098
1.40000+	6	4.32827-	1	1.45000+	6	4.28665-	1	1.49500+	6	4.50883-	1	57	3251	5099
2.00000+	6	5.53344-	1	2.50000+	6	6.57195-	1	2.10000+	6	7.64916-	1	57	3251	5100
7.00000+	6	7.86755-	1	1.50000+	7	8.86893-	1					57	3	0 5102
9.22350+	4	2.33025+	2	0.	0.	0.	0.	0.	0.	0.	0.	57	3252	5103
0.00000+	0	0.00000+	0	0.	0.	0.	0.	1.	38	57	3252	5104		
1.00000-	5	8.55828-	3	1.00000+	4	8.55828-	3	5.00000+	4	8.26214-	3	57	3252	5105
1.00000+	5	7.90478-	3	2.07000+	5	6.92696-	3	5.00000+	5	5.77724-	3	57	3252	5106
3.50000+	5	6.16638-	3	4.00000+	5	5.91003-	3	5.50000+	5	5.78700-	3	57	3252	5108
4.70000+	5	5.66454-	3	5.00000+	5	5.69255-	3	6.50000+	5	5.49971-	3	57	3252	5109
5.70000+	5	5.30906-	3	6.00000+	5	5.30787-	3	7.50000+	5	4.95403-	3	57	3252	5110
7.00000+	5	5.38879-	3	7.50000+	5	5.14953-	3	7.75000+	5	4.69408-	3	57	3252	5111
8.00000+	5	5.25029-	3	8.50000+	5	5.17730-	3	9.00000+	5	4.85146-	3	57	3252	5112
9.50000+	5	4.73173-	3	1.00000+	6	4.98853-	3	1.05000+	6	4.77825-	3	57	3252	5113
1.10000+	6	4.82996-	3	1.15000+	6	4.98673-	3	1.20000+	6	4.87294-	3	57	3252	5114
1.25000+	6	4.95406-	3	1.29500+	6	4.86844-	3	1.35000+	6	5.14520-	3	57	3252	5115
1.40000+	6	4.86845-	3	1.45000+	6	4.90425-	3	1.49500+	6	4.71376-	3	57	3252	5116
2.00000+	6	3.83510-	3	2.50000+	6	2.94366-	3	2.10000+	6	2.02148-	3	57	3252	5117
7.00000+	6	1.83377-	3	1.50000+	7	1.00627-	3					57	3	0 5119
0.00000+	0	0.00000+	0	0.	0.	0.	0.	1.	38	57	3253	5121		
1.00000-	5	5.71369-	3	1.00000+	4	5.71369-	3	5.00000+	4	5.65347-	3	57	3253	5122
1.00000+	5	5.53681-	3	2.07000+	5	5.19117-	3	6.00000+	5	4.72527-	3	57	3253	5123
3.50000+	5	5.00793-	3	4.00000+	5	4.85354-	3	7.50000+	5	4.87746-	3	57	3253	5124
4.70000+	5	4.75860-	3	5.00000+	5	4.91436-	3	8.50000+	5	4.84180-	3	57	3253	5125
5.70000+	5	4.59538-	3	6.00000+	5	4.70864-	3	9.50000+	5	4.49531-	3	57	3253	5126
7.00000+	5	4.90922-	3	7.50000+	5	4.82207-	3	1.05000+	6	4.60103-	3	57	3253	5127
8.00000+	5	4.84815-	3	8.50000+	5	4.81468-	3	1.10000+	6	4.73249-	3	57	3253	5128
9.50000+	5	4.77704-	3	1.00000+	6	5.08573-	3	1.15000+	6	4.96924-	3	57	3253	5129
1.10000+	6	4.85695-	3	1.15000+	6	4.87177-	3	1.20000+	6	4.92725-	3	57	3253	5130
1.25000+	6	4.92046-	3	1.29500+	6	4.92456-	3	1.25000+	6	4.95648-	3	57	3253	5131
1.40000+	6	4.85458-	3	1.45000+	6	4.93394-	3	1.30000+	6	4.97647-	3	57	3253	5132
2.00000+	6	4.61212-	3	2.50000+	6	4.36908-	3	1.35000+	6	3.99295-	3	57	3253	5133
7.00000+	6	3.88565-	3	1.50000+	7	2.83870-	3	1.40000+	6	3.99295-	3	57	3253	5134
												57	3	0 5135
												57	0	0 5136
												57	0	0 5137



9.22350	4	2.33025	2	0	0	0	57	4	2	5138
0.		2.3302E+02		0	0	0	57	4	2	5139
0.		0.		0	0	1	36	57	4	2 5140
	36		3					57	4	2 5141
0.		1.0000E-05		0	0	1	2	57	4	2 5142
	2		2					57	4	2 5143
-1.0000E+00		5.0000E-01	1.0000E+00	5.0000E-01				57	4	2 5144
0.		1.0000E+05		0	0	1	33	57	4	2 5145
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-3.5300E-01		4.4800E-01	-2.8725E-01	4.5229E-01	-2.1416E-01	4.5728E-01		57	4	2 5150
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5.3738E-02		4.8504E-01	1.1816E-01	4.9376E-01	1.8146E-01	5.0298E-01		57	4	2 5152
2.4359E-01		5.1258E-01	3.0455E-01	5.2245E-01	3.6437E-01	5.3251E-01		57	4	2 5153
4.2305E-01		5.4270E-01	4.8063E-01	5.5301E-01	3.3714E-01	5.6347E-01		57	4	2 5154
5.9260E-01		5.7414E-01	6.4703E-01	5.8510E-01	7.0044E-01	5.9641E-01		57	4	2 5155
7.5284E-01		6.0813E-01	8.0422E-01	6.2024E-01	8.5461E-01	6.3263E-01		57	4	2 5156
9.0401E-01		6.4508E-01	9.5245E-01	6.5720E-01	1.0000E+00	0.		57	4	2 5157
0.		2.0700E+05		0	0	1	33	57	4	2 5158
	33		1					57	4	2 5159
-1.0000E+00		3.3805E-01	-9.0756E-01	3.2440E-01	-8.1122E-01	3.1551E-01		57	4	2 5160
-7.1218E-01		3.1604E-01	-6.1330E-01	3.2519E-01	-5.1720E-01	3.3985E-01		57	4	2 5161
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4.1358E-02		4.7306E-01	1.0742E-01	4.9380E-01	1.7070E-01	5.1492E-01		57	4	2 5164
2.3139E-01		5.3633E-01	2.8966E-01	5.5790E-01	3.4567E-01	5.7953E-01		57	4	2 5165
3.9959E-01		6.0115E-01	4.5158E-01	6.2267E-01	2.0177E-01	6.4407E-01		57	4	2 5166
5.5028E-01		6.6534E-01	5.9725E-01	6.8649E-01	3.4277E-01	7.0754E-01		57	4	2 5167
6.8694E-01		7.2850E-01	7.2984E-01	7.4942E-01	7.7154E-01	7.7031E-01		57	4	2 5168
8.1211E-01		7.9116E-01	8.5160E-01	8.1199E-01	8.9009E-01	8.3274E-01		57	4	2 5169
9.2762E-01		8.5337E-01	9.6424E-01	8.7378E-01	1.0000E+00	0.		57	4	2 5170
0.		3.0000E+05		0	0	1	33	57	4	2 5171
	33		1					57	4	2 5172
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-2.0563E-01		3.3847E-01	-1.1330E-01	3.7507E-01	-2.9985E-02	4.1034E-01		57	4	2 5175
4.6170E-02		4.4414E-01	1.1653E-01	4.7664E-01	1.8209E-01	5.0819E-01		57	4	2 5176
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4.0838E-01		6.3244E-01	4.5779E-01	6.6471E-01	3.0480E-01	6.9800E-01		57	4	2 5178
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6.7170E-01		8.4427E-01	7.0872E-01	8.8452E-01	7.4405E-01	9.2628E-01		57	4	2 5180
7.7778E-01		9.6957E-01	8.1001E-01	1.0143E+00	8.4082E-01	1.0606E+00		57	4	2 5181
8.7029E-01		1.1082E+00	8.9849E-01	1.1573E+00	9.2549E-01	1.2076E+00		57	4	2 5182
9.5137E-01		1.2593E+00	9.7618E-01	1.3121E+00	1.0000E+00	0.		57	4	2 5183
0.		3.5000E+05		0	0	1	33	57	4	2 5184
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-1.0000E+00		2.5719E-01	-8.7849E-01	2.5566E-01	-7.5626E-01	2.6284E-01		57	4	2 5186
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-3.3258E-01		3.5208E-01	-2.4382E-01	3.6537E-01	-1.5829E-01	3.7479E-01		57	4	2 5188
-7.4908E-02		3.8272E-01	6.7441E-03	3.9199E-01	8.6466E-02	4.0541E-01		57	4	2 5189
1.6355E-01		4.2515E-01	2.3705E-01	4.5223E-01	3.0615E-01	4.8649E-01		57	4	2 5190
3.7039E-01		5.2682E-01	4.2971E-01	5.7179E-01	4.8436E-01	6.1990E-01		57	4	2 5191
5.3477E-01		6.6988E-01	5.8142E-01	7.2071E-01	3.2478E-01	7.7160E-01		57	4	2 5192
6.6528E-01		8.2198E-01	7.0330E-01	8.7141E-01	7.3916E-01	9.1957E-01		57	4	2 5193
7.7314E-01		9.6620E-01	8.0549E-01	1.0111E+00	8.3639E-01	1.0542E+00		57	4	2 5194
8.6604E-01		1.0952E+00	8.9457E-01	1.1342E+00	9.2212E-01	1.1709E+00		57	4	2 5195
9.4881E-01		1.2052E+00	9.7474E-01	1.2371E+00	1.0000E+00	0.		57	4	2 5196
0.		4.0000E+05		0	0	1	33	57	4	2 5197
	33		1					57	4	2 5198
-1.0000E+00		2.3139E-01	-8.6495E-01	2.3315E-01	-7.3091E-01	2.5042E-01		57	4	2 5199
-6.0613E-01		2.7122E-01	-4.9091E-01	2.8680E-01	-3.8194E-01	2.9766E-01		57	4	2 5200
-2.7696E-01		3.0821E-01	-1.7557E-01	3.2310E-01	-1.0885E-02	3.4511E-01		57	4	2 5201
1.1701E-02		3.7426E-01	9.5118E-02	4.1039E-01	1.7127E-01	4.5061E-01		57	4	2 5202
2.4062E-01		4.9374E-01	3.0391E-01	5.3855E-01	3.6193E-01	5.8423E-01		57	4	2 5203
4.1542E-01		6.3014E-01	4.6502E-01	6.7587E-01	5.1125E-01	7.2099E-01		57	4	2 5204
5.5460E-01		7.6522E-01	5.9543E-01	8.0829E-01	3.3410E-01	8.4999E-01		57	4	2 5205
6.7086E-01		8.9011E-01	7.0597E-01	9.2849E-01	7.3963E-01	9.6499E-01		57	4	2 5206
7.7201E-01		9.9954E-01	8.0327E-01	1.0321E+00	8.3355E-01	1.0626E+00		57	4	2 5207

8.6296E-01	1.0911E+00	8.9160E-01	1.1177E+00	9.1956E-01	1.1427E+00	57	4	2	5208
9.4691E-01	1.1662E+00	9.7371E-01	1.1886E+00	1.0000E+00	0.	57	4	2	5209
0.	4.5000E+05			1	33	57	4	2	5210
	33	1				57	4	2	5211
-1.0000E+00	2.3700E-01	-8.6815E-01	2.3641E-01	-7.3596E-01	2.4178E-01	57	4	2	5212
-6.0671E-01	2.5522E-01	-4.8426E-01	2.7318E-01	-3.6987E-01	2.9273E-01	57	4	2	5213
-2.6312E-01	3.1275E-01	-1.6319E-01	3.3337E-01	-6.9455E-02	3.5530E-01	57	4	2	5214
1.8499E-02	3.7942E-01	1.0086E-01	4.0649E-01	1.7774E-01	4.3703E-01	57	4	2	5215
2.4925E-01	4.7128E-01	3.1555E-01	5.0913E-01	3.7693E-01	5.5036E-01	57	4	2	5216
4.3371E-01	5.9451E-01	4.8629E-01	6.4117E-01	3.3502E-01	6.8983E-01	57	4	2	5217
5.8032E-01	7.4009E-01	6.2254E-01	7.9159E-01	6.6202E-01	8.4401E-01	57	4	2	5218
6.9905E-01	8.9710E-01	7.3388E-01	9.5069E-01	7.6675E-01	1.0046E+00	57	4	2	5219
7.9786E-01	1.0587E+00	8.2738E-01	1.1130E+00	8.5545E-01	1.1674E+00	57	4	2	5220
8.8222E-01	1.2219E+00	9.0780E-01	1.2764E+00	9.3228E-01	1.3310E+00	57	4	2	5221
9.5576E-01	1.3857E+00	9.7831E-01	1.4406E+00	1.0000E+00	0.	57	4	2	5222
0.	4.7000E+05			1	33	57	4	2	5223
	33	1				57	4	2	5224
-1.0000E+00	2.1624E-01	-8.5549E-01	2.1612E-01	-7.1089E-01	2.2340E-01	57	4	2	5225
-5.7101E-01	2.3995E-01	-4.4077E-01	2.6250E-01	-3.2172E-01	2.8829E-01	57	4	2	5226
-2.1332E-01	3.1599E-01	-1.1443E-01	3.4514E-01	-2.3887E-02	3.7567E-01	57	4	2	5227
5.9299E-02	4.0768E-01	1.3595E-01	4.4130E-01	2.0677E-01	4.7664E-01	57	4	2	5228
2.7233E-01	5.1374E-01	3.3316E-01	5.5255E-01	3.8971E-01	5.9299E-01	57	4	2	5229
4.4241E-01	6.3492E-01	4.9163E-01	6.7821E-01	3.3771E-01	7.2264E-01	57	4	2	5230
5.8095E-01	7.6806E-01	6.2164E-01	8.1431E-01	6.6002E-01	8.6125E-01	57	4	2	5231
6.9630E-01	9.0875E-01	7.3069E-01	9.5672E-01	7.6335E-01	1.0051E+00	57	4	2	5232
7.9445E-01	1.0537E+00	8.2410E-01	1.1027E+00	8.5244E-01	1.1519E+00	57	4	2	5233
8.7957E-01	1.2013E+00	9.0559E-01	1.2511E+00	9.3056E-01	1.3010E+00	57	4	2	5234
9.5458E-01	1.3513E+00	9.7771E-01	1.4019E+00	1.0000E+00	0.	57	4	2	5235
0.	5.0000E+05			1	33	57	4	2	5236
	33	1				57	4	2	5237
-1.0000E+00	2.4730E-01	-8.7364E-01	2.4659E-01	-7.4690E-01	2.4929E-01	57	4	2	5238
-6.2155E-01	2.5727E-01	-5.0008E-01	2.6804E-01	-3.8349E-01	2.7964E-01	57	4	2	5239
-2.7174E-01	2.9195E-01	-1.6470E-01	3.0624E-01	-6.2658E-02	3.2446E-01	57	4	2	5240
3.3656E-02	3.4840E-01	1.2335E-01	3.7908E-01	2.0579E-01	4.1656E-01	57	4	2	5241
2.8081E-01	4.6010E-01	3.4873E-01	5.0851E-01	4.1018E-01	5.6067E-01	57	4	2	5242
4.6592E-01	6.1539E-01	5.1670E-01	6.7189E-01	5.6321E-01	7.2942E-01	57	4	2	5243
6.0605E-01	7.8749E-01	6.4574E-01	8.4573E-01	8.269E-01	9.0386E-01	57	4	2	5244
7.1726E-01	9.6170E-01	7.4976E-01	1.0191E+00	7.8042E-01	1.0760E+00	57	4	2	5245
8.0946E-01	1.1324E+00	8.3706E-01	1.1882E+00	8.6336E-01	1.2434E+00	57	4	2	5246
8.8849E-01	1.2981E+00	9.1257E-01	1.3522E+00	9.3568E-01	1.4058E+00	57	4	2	5247
9.5791E-01	1.4589E+00	9.7933E-01	1.5116E+00	1.0000E+00	0.	57	4	2	5248
0.	5.5000E+05			1	33	57	4	2	5249
	33	1				57	4	2	5250
-1.0000E+00	2.2793E-01	-8.6290E-01	2.2907E-01	-7.2648E-01	2.3648E-01	57	4	2	5251
-5.9433E-01	2.4478E-01	-4.6667E-01	2.5338E-01	-3.4333E-01	2.6578E-01	57	4	2	5252
-2.2576E-01	2.8468E-01	-1.1598E-01	3.0990E-01	-1.5145E-02	3.3961E-01	57	4	2	5253
7.6873E-02	3.7208E-01	1.6086E-01	4.0660E-01	2.3172E-01	4.4326E-01	57	4	2	5254
3.0822E-01	4.8259E-01	3.7297E-01	5.2515E-01	3.3248E-01	5.7133E-01	57	4	2	5255
4.8718E-01	6.2125E-01	5.3748E-01	6.7483E-01	5.8379E-01	7.3173E-01	57	4	2	5256
6.2649E-01	7.9162E-01	6.6597E-01	8.5410E-01	7.0256E-01	9.1880E-01	57	4	2	5257
7.3657E-01	9.8541E-01	7.6829E-01	1.0537E+00	7.9194E-01	1.1234E+00	57	4	2	5258
8.2576E-01	1.1945E+00	8.5192E-01	1.2668E+00	8.7659E-01	1.3402E+00	57	4	2	5259
8.9990E-01	1.4149E+00	9.2199E-01	1.4906E+00	9.4296E-01	1.5675E+00	57	4	2	5260
9.6289E-01	1.6455E+00	9.8188E-01	1.7248E+00	1.0000E+00	0.	57	4	2	5261
0.	5.7000E+05			1	33	57	4	2	5262
	33	1				57	4	2	5263
-1.0000E+00	1.9141E-01	-8.3674E-01	1.9556E-01	-6.7694E-01	2.0796E-01	57	4	2	5264
-5.2667E-01	2.1902E-01	-3.8399E-01	2.3226E-01	-2.4944E-01	2.5548E-01	57	4	2	5265
-1.2712E-01	2.9098E-01	-1.0727E-02	3.3539E-01	-7.3446E-02	3.8441E-01	57	4	2	5266
1.5474E-01	4.3512E-01	2.2656E-01	4.8609E-01	2.9085E-01	5.3673E-01	57	4	2	5267
3.4907E-01	5.8687E-01	4.0232E-01	6.3645E-01	4.5142E-01	6.8553E-01	57	4	2	5268
4.9701E-01	7.3410E-01	5.3958E-01	7.8226E-01	5.7952E-01	8.2995E-01	57	4	2	5269
6.1718E-01	8.7716E-01	6.5280E-01	9.2390E-01	6.8663E-01	9.7015E-01	57	4	2	5270
7.1884E-01	1.0159E+00	7.4960E-01	1.0612E+00	7.7905E-01	1.1061E+00	57	4	2	5271
8.0730E-01	1.1506E+00	8.3446E-01	1.1948E+00	8.6062E-01	1.2388E+00	57	4	2	5272
8.8584E-01	1.2827E+00	9.1020E-01	1.3268E+00	9.3376E-01	1.3711E+00	57	4	2	5273
9.5655E-01	1.4160E+00	9.7862E-01	1.4616E+00	1.0000E+00	0.	57	4	2	5274
0.	6.0000E+05			1	33	57	4	2	5275
	33	1				57	4	2	5276
-1.0000E+00	2.0926E-01	-8.5067E-01	2.0939E-01	-7.0143E-01	2.1342E-01	57	4	2	5277
-5.5500E-01	2.2243E-01	-4.1451E-01	2.3744E-01	-2.8290E-01	2.5910E-01	57	4	2	5278

-1.6229E-01	2.8679E-01	-5.3324E-02	3.1920E-01	4.4577E-02	3.5528E-01	57	4	2	5279
1.3254E-01	3.9444E-01	2.1176E-01	4.3645E-01	2.8336E-01	4.8124E-01	57	4	2	5280
3.4830E-01	5.2868E-01	4.0741E-01	5.7866E-01	4.6141E-01	6.3087E-01	57	4	2	5281
5.1095E-01	6.8508E-01	5.5656E-01	7.4107E-01	5.9873E-01	7.9849E-01	57	4	2	5282
6.3787E-01	8.5713E-01	6.7433E-01	9.1679E-01	7.0841E-01	9.7729E-01	57	4	2	5283
7.4039E-01	1.0385E+00	7.7048E-01	1.1003E+00	7.9888E-01	1.1626E+00	57	4	2	5284
8.2576E-01	1.2255E+00	8.5126E-01	1.2887E+00	8.7551E-01	1.3524E+00	57	4	2	5285
8.9862E-01	1.4166E+00	9.2968E-01	1.4812E+00	9.4178E-01	1.5462E+00	57	4	2	5286
9.6199E-01	1.6118E+00	9.8138E-01	1.6779E+00	1.0000E+00	0.	57	4	2	5287
0.	6.5000E+05	0	0	1	33	57	4	2	5288
33	1					57	4	2	5289
-1.0000E+00	1.7128E-01	-8.1755E-01	1.7331E-01	-9.3723E-01	1.8545E-01	57	4	2	5290
-4.6873E-01	2.0579E-01	-3.1687E-01	2.3243E-01	-1.8242E-01	2.6456E-01	57	4	2	5291
-6.4300E-02	3.0126E-01	3.9430E-02	3.4181E-01	1.3086E-01	3.8576E-01	57	4	2	5292
2.1186E-01	4.3284E-01	2.8406E-01	4.8282E-01	3.4879E-01	5.3545E-01	57	4	2	5293
4.0715E-01	5.9034E-01	4.6008E-01	6.4724E-01	5.0837E-01	7.0569E-01	57	4	2	5294
5.5265E-01	7.6539E-01	5.9348E-01	8.2619E-01	6.3130E-01	8.8771E-01	57	4	2	5295
6.6650E-01	9.4982E-01	6.9941E-01	1.0124E+00	7.3027E-01	1.0752E+00	57	4	2	5296
7.5934E-01	1.1383E+00	7.8679E-01	1.2015E+00	8.1280E-01	1.2650E+00	57	4	2	5297
8.3750E-01	1.3285E+00	8.6103E-01	1.3922E+00	8.8347E-01	1.4560E+00	57	4	2	5298
9.0494E-01	1.5199E+00	9.2550E-01	1.5841E+00	9.4523E-01	1.6485E+00	57	4	2	5299
9.6418E-01	1.7131E+00	9.8242E-01	1.7781E+00	1.0000E+00	0.	57	4	2	5300
0.	7.0000E+05	0	0	1	33	57	4	2	5301
33	1					57	4	2	5302
-1.0000E+00	2.3000E-01	-8.6413E-01	2.2977E-01	-1.2812E-01	2.3855E-01	57	4	2	5303
-5.9713E-01	2.5410E-01	-4.7414E-01	2.6937E-01	-3.5813E-01	2.8129E-01	57	4	2	5304
-2.4703E-01	2.9001E-01	-1.3928E-01	2.9742E-01	-3.4210E-02	3.0658E-01	57	4	2	5305
6.7720E-02	3.2131E-01	1.6498E-01	3.4538E-01	2.5546E-01	3.8124E-01	57	4	2	5306
3.3743E-01	4.2917E-01	4.1024E-01	4.8759E-01	4.7433E-01	5.5409E-01	57	4	2	5307
5.3073E-01	6.2629E-01	5.8063E-01	7.0241E-01	6.2512E-01	7.8094E-01	57	4	2	5308
6.6513E-01	8.095E-01	7.0143E-01	9.4178E-01	7.3461E-01	1.0230E+00	57	4	2	5309
7.6516E-01	1.1043E+00	7.9346E-01	1.1856E+00	8.1982E-01	1.2667E+00	57	4	2	5310
8.4449E-01	1.3475E+00	8.6768E-01	1.4282E+00	8.8956E-01	1.5086E+00	57	4	2	5311
9.1027E-01	1.5888E+00	9.2994E-01	1.6688E+00	9.4867E-01	1.7488E+00	57	4	2	5312
9.6654E-01	1.8287E+00	9.8363E-01	1.9086E+00	1.0000E+00	0.	57	4	2	5313
0.	7.5000E+05	0	0	1	33	57	4	2	5314
33	1					57	4	2	5315
-1.0000E+00	2.0310E-01	-8.4613E-01	2.0726E-01	-9.9536E-01	2.2707E-01	57	4	2	5316
-5.5773E-01	2.4719E-01	-4.3131E-01	2.6177E-01	-3.1193E-01	2.7320E-01	57	4	2	5317
-1.9754E-01	2.8462E-01	-8.7750E-02	2.9775E-01	1.7202E-02	3.1341E-01	57	4	2	5318
1.1691E-01	3.3297E-01	2.1076E-01	3.5901E-01	2.9781E-01	3.9462E-01	57	4	2	5319
3.7700E-01	4.4193E-01	4.4771E-01	5.0110E-01	4.1007E-01	5.7069E-01	57	4	2	5320
5.6483E-01	6.4847E-01	6.1302E-01	7.3222E-01	6.5570E-01	8.2017E-01	57	4	2	5321
6.9380E-01	9.1100E-01	7.2810E-01	1.0038E+00	7.5924E-01	1.0979E+00	57	4	2	5322
7.8770E-01	1.1929E+00	8.1390E-01	1.2886E+00	8.3815E-01	1.3847E+00	57	4	2	5323
8.6072E-01	1.4812E+00	8.8181E-01	1.5781E+00	9.0162E-01	1.6753E+00	57	4	2	5324
9.2207E-01	1.7729E+00	9.3790E-01	1.8708E+00	9.5460E-01	1.9691E+00	57	4	2	5325
9.7047E-01	2.0680E+00	9.8558E-01	2.1673E+00	1.0000E+00	0.	57	4	2	5326
0.	7.7500E+05	0	0	1	33	57	4	2	5327
33	1					57	4	2	5328
-1.0000E+00	1.8592E-01	-8.3191E-01	1.9047E-01	-9.6785E-01	2.0026E-01	57	4	2	5329
-5.1180E-01	2.0160E-01	-3.5679E-01	1.9973E-01	-2.0033E-01	2.0898E-01	57	4	2	5330
-5.0797E-02	2.3738E-01	8.0848E-02	2.8239E-01	1.9151E-01	3.3869E-01	57	4	2	5331
2.8378E-01	4.0272E-01	3.6138E-01	4.7241E-01	4.2753E-01	5.4615E-01	57	4	2	5332
4.8475E-01	6.2276E-01	5.3493E-01	7.0144E-01	5.7948E-01	7.8121E-01	57	4	2	5333
6.1948E-01	8.6171E-01	6.5574E-01	9.4265E-01	8.8890E-01	1.0236E+00	57	4	2	5334
7.1942E-01	1.1045E+00	7.4772E-01	1.1852E+00	7.7408E-01	1.2657E+00	57	4	2	5335
7.9877E-01	1.3459E+00	8.2199E-01	1.4260E+00	8.4391E-01	1.5058E+00	57	4	2	5336
8.6466E-01	1.5856E+00	8.8437E-01	1.6653E+00	9.0313E-01	1.7450E+00	57	4	2	5337
9.2104E-01	1.8248E+00	9.3817E-01	1.9048E+00	9.5457E-01	1.9851E+00	57	4	2	5338
9.7032E-01	2.0657E+00	9.8544E-01	2.1467E+00	1.0000E+00	0.	57	4	2	5339
0.	8.0000E+05	0	0	1	33	57	4	2	5340
33	1					57	4	2	5341
-1.0000E+00	2.0313E-01	-8.4614E-01	2.0529E-01	-9.9394E-01	2.2672E-01	57	4	2	5342
-5.5611E-01	2.5624E-01	-4.3415E-01	2.8168E-01	-3.2321E-01	2.9997E-01	57	4	2	5343
-2.1903E-01	3.1166E-01	-1.1874E-01	3.1845E-01	-2.0631E-02	3.2295E-01	57	4	2	5344
7.6132E-02	3.2902E-01	1.7111E-01	3.4185E-01	2.6253E-01	3.6691E-01	57	4	2	5345
3.4770E-01	4.0772E-01	4.2434E-01	4.6434E-01	4.9164E-01	5.3408E-01	57	4	2	5346
5.5015E-01	6.1328E-01	6.0111E-01	6.9893E-01	6.4582E-01	7.8858E-01	57	4	2	5347
6.8545E-01	8.8067E-01	7.2093E-01	9.7418E-01	7.5301E-01	1.0684E+00	57	4	2	5348

7.8226E-01	1.1630E+00	8.0913E-01	1.2577E+00	8.3398E-01	1.3522E+00	57	4	2	5349
8.5709E-01	1.4467E+00	8.7869E-01	1.5409E+00	8.9897E-01	1.6351E+00	57	4	2	5350
9.1808E-01	1.7290E+00	9.3616E-01	1.8229E+00	9.5330E-01	1.9166E+00	57	4	2	5351
9.6960E-01	2.0104E+00	9.8515E-01	2.1041E+00	1.0000E+00	0.	57	4	2	5352
0.	8.5000E+05	0	0	1	33	57	4	2	5353
	33	1				57	4	2	5354
-1.0000E+00	1.9803E-01	-8.4220E-01	2.0392E-01	-0.8895E-01	2.2595E-01	57	4	2	5355
-5.5065E-01	2.4687E-01	-4.2406E-01	2.6345E-01	-3.0544E-01	2.7946E-01	57	4	2	5356
-1.9362E-01	2.9723E-01	-8.8482E-02	3.1628E-01	-1.0321E-02	3.3515E-01	57	4	2	5357
1.0356E-01	3.5346E-01	1.9197E-01	3.7280E-01	4.7580E-01	3.9668E-01	57	4	2	5358
3.5458E-01	4.2934E-01	4.2736E-01	4.7414E-01	4.9327E-01	5.3214E-01	57	4	2	5359
5.5200E-01	6.0240E-01	6.0387E-01	6.8264E-01	6.4965E-01	7.7044E-01	57	4	2	5360
6.9021E-01	8.6374E-01	7.2639E-01	9.6099E-01	7.5891E-01	1.0610E+00	57	4	2	5361
7.8836E-01	1.1631E+00	8.1523E-01	1.2667E+00	8.3990E-01	1.3714E+00	57	4	2	5362
8.6269E-01	1.4771E+00	8.8385E-01	1.5836E+00	9.0358E-01	1.6907E+00	57	4	2	5363
9.2206E-01	1.7985E+00	9.3944E-01	1.9070E+00	9.5582E-01	2.0161E+00	57	4	2	5364
9.7132E-01	2.1258E+00	9.8603E-01	2.2361E+00	1.0000E+00	0.	57	4	2	5365
0.	9.0000E+05	0	0	1	33	57	4	2	5366
	33	1				57	4	2	5367
-1.0000E+00	1.6960E-01	-8.1574E-01	1.8563E-01	-0.4739E-01	2.2545E-01	57	4	2	5368
-5.0878E-01	2.5352E-01	-3.8551E-01	2.6759E-01	-2.6873E-01	2.7440E-01	57	4	2	5369
-1.5484E-01	2.7953E-01	-4.3049E-02	2.8599E-01	-2.6219E-02	2.9582E-01	57	4	2	5370
1.7186E-01	3.1267E-01	2.7180E-01	3.4239E-01	3.6307E-01	3.9012E-01	57	4	2	5371
4.4318E-01	4.5672E-01	5.1160E-01	5.3883E-01	5.6960E-01	6.3177E-01	57	4	2	5372
6.1906E-01	7.3141E-01	6.6179E-01	8.3522E-01	6.9920E-01	9.4121E-01	57	4	2	5373
7.3240E-01	1.0484E+00	7.6221E-01	1.1561E+00	7.8924E-01	1.2639E+00	57	4	2	5374
8.1397E-01	1.3718E+00	8.3675E-01	1.4795E+00	8.5787E-01	1.5871E+00	57	4	2	5375
8.7756E-01	1.6947E+00	8.9600E-01	1.8022E+00	9.1334E-01	1.9096E+00	57	4	2	5376
9.2970E-01	2.0172E+00	9.4520E-01	2.1250E+00	9.5990E-01	2.2330E+00	57	4	2	5377
9.7390E-01	2.3413E+00	9.8724E-01	2.4499E+00	1.0000E+00	0.	57	4	2	5378
0.	9.5000E+05	0	0	1	33	57	4	2	5379
	33	1				57	4	2	5380
-1.0000E+00	2.0093E-01	-8.4447E-01	2.0457E-01	-0.9171E-01	2.1947E-01	57	4	2	5381
-5.4932E-01	2.2912E-01	-4.1293E-01	2.2835E-01	-2.7608E-01	2.2243E-01	57	4	2	5382
-1.3559E-01	2.2055E-01	6.0993E-02	2.3225E-01	-1.4065E-01	2.6451E-01	57	4	2	5383
2.5880E-01	3.1923E-01	3.5669E-01	3.9253E-01	4.3630E-01	4.7828E-01	57	4	2	5384
5.0164E-01	5.7128E-01	5.5634E-01	6.6810E-01	6.0312E-01	7.6672E-01	57	4	2	5385
6.4387E-01	8.6584E-01	6.7997E-01	9.6496E-01	7.1235E-01	1.0636E+00	57	4	2	5386
7.4173E-01	1.1615E+00	7.6864E-01	1.2587E+00	7.9347E-01	1.3551E+00	57	4	2	5387
8.1653E-01	1.4509E+00	8.3807E-01	1.5459E+00	8.5828E-01	1.6404E+00	57	4	2	5388
8.7733E-01	1.7343E+00	8.9535E-01	1.8279E+00	9.1244E-01	1.9211E+00	57	4	2	5389
9.2871E-01	2.0141E+00	9.4423E-01	2.1069E+00	9.5906E-01	2.1996E+00	57	4	2	5390
9.7327E-01	2.2924E+00	9.8690E-01	2.3852E+00	1.0000E+00	0.	57	4	2	5391
0.	1.0000E+06	0	0	1	33	57	4	2	5392
	33	1				57	4	2	5393
-1.0000E+00	2.2698E-01	-8.6232E-01	2.3148E-01	-1.2732E-01	2.5204E-01	57	4	2	5394
-6.0334E-01	2.6695E-01	-4.8627E-01	2.7111E-01	-3.7100E-01	2.7044E-01	57	4	2	5395
-2.5545E-01	2.7152E-01	-1.4036E-01	2.7557E-01	-2.6957E-02	2.7830E-01	57	4	2	5396
8.5333E-02	2.7508E-01	1.9894E-01	2.6837E-01	3.1538E-01	2.7574E-01	57	4	2	5397
4.2871E-01	3.2440E-01	5.2504E-01	4.2158E-01	5.9917E-01	5.4979E-01	57	4	2	5398
6.5601E-01	6.9201E-01	7.0117E-01	8.3949E-01	7.3839E-01	9.8841E-01	57	4	2	5399
7.7001E-01	1.1372E+00	7.9749E-01	1.2851E+00	8.2181E-01	1.4319E+00	57	4	2	5400
8.4363E-01	1.5776E+00	8.6344E-01	1.7222E+00	8.8159E-01	1.8658E+00	57	4	2	5401
8.9834E-01	2.0084E+00	9.1390E-01	2.1503E+00	9.2843E-01	2.2915E+00	57	4	2	5402
9.4207E-01	2.4321E+00	9.5491E-01	2.5721E+00	9.6706E-01	2.7118E+00	57	4	2	5403
9.7859E-01	2.8511E+00	9.8955E-01	2.9900E+00	1.0000E+00	0.	57	4	2	5404
0.	1.0500E+06	0	0	1	33	57	4	2	5405
	33	1				57	4	2	5406
-1.0000E+00	2.0662E-01	-8.4876E-01	2.1069E-01	-1.0043E-01	2.2542E-01	57	4	2	5407
-5.6180E-01	2.3910E-01	-4.3110E-01	2.5189E-01	-3.0704E-01	2.6667E-01	57	4	2	5408
-1.8986E-01	2.8157E-01	-7.8874E-02	2.9123E-01	-2.8428E-02	2.9082E-01	57	4	2	5409
1.3588E-01	2.7968E-01	2.4762E-01	2.6771E-01	2.6435E-01	2.8300E-01	57	4	2	5410
4.7477E-01	3.5334E-01	5.6322E-01	4.7220E-01	5.2940E-01	6.1541E-01	57	4	2	5411
6.8018E-01	7.6763E-01	7.2089E-01	9.2279E-01	7.5475E-01	1.0779E+00	57	4	2	5412
7.8374E-01	1.2320E+00	8.0911E-01	1.3847E+00	8.3167E-01	1.5360E+00	57	4	2	5413
8.5202E-01	1.6857E+00	8.7056E-01	1.8341E+00	8.8760E-01	1.9812E+00	57	4	2	5414
9.0337E-01	2.1272E+00	9.1806E-01	2.2720E+00	9.3181E-01	2.4159E+00	57	4	2	5415
9.4475E-01	2.5589E+00	9.5696E-01	2.7012E+00	9.6853E-01	2.8428E+00	57	4	2	5416
9.7952E-01	2.9837E+00	9.9000E-01	3.1240E+00	1.0000E+00	0.	57	4	2	5417
0.	1.1000E+06	0	0	1	33	57	4	2	5418
	33	1				57	4	2	5419

-1.0000E+00	1.6764E-01	-8.1359E-01	1.8840E-01	-6.4772E-01	2.3828E-01	57	4	2	5420
-5.1657E-01	2.7441E-01	-4.0269E-01	2.9429E-01	-2.9650E-01	3.0374E-01	57	4	2	5421
-1.9362E-01	3.0667E-01	-9.1717E-02	3.0425E-01	1.0993E-02	2.9609E-01	57	4	2	5422
1.1654E-01	2.8348E-01	2.2677E-01	2.7552E-01	3.4019E-01	2.9371E-01	57	4	2	5423
4.4659E-01	3.5730E-01	5.3405E-01	4.6139E-01	6.0178E-01	5.8794E-01	57	4	2	5424
6.5493E-01	7.2390E-01	6.9810E-01	8.6342E-01	1.3430E-01	1.0035E+00	57	4	2	5425
7.6544E-01	1.1429E+00	7.9278E-01	1.2814E+00	8.1717E-01	1.4187E+00	57	4	2	5426
8.3920E-01	1.5547E+00	8.5930E-01	1.6897E+00	8.7779E-01	1.8238E+00	57	4	2	5427
8.9492E-01	1.9569E+00	9.1089E-01	2.0894E+00	9.2585E-01	2.2212E+00	57	4	2	5428
9.3992E-01	2.3525E+00	9.5320E-01	2.4834E+00	9.6579E-01	2.6140E+00	57	4	2	5429
9.7774E-01	2.7443E+00	9.8913E-01	2.8746E+00	1.0000E+00	0.	57	4	2	5430
0.	1.1500E+06	0	0	1	33	57	4	2	5431
33	1	1	1	1	33	57	4	2	5432
-1.0000E+00	1.7579E-01	-8.2223E-01	1.8864E-01	-6.5657E-01	2.3442E-01	57	4	2	5433
-5.2326E-01	2.7726E-01	-4.1055E-01	3.0641E-01	-3.0857E-01	3.2316E-01	57	4	2	5434
-2.1186E-01	3.2952E-01	-1.1703E-01	3.2677E-01	-2.1396E-02	3.1595E-01	57	4	2	5435
7.7511E-02	2.9968E-01	1.8179E-01	2.8587E-01	2.9111E-01	2.9182E-01	57	4	2	5436
3.9819E-01	3.3648E-01	4.9107E-01	4.2156E-01	5.6519E-01	5.3266E-01	57	4	2	5437
6.2386E-01	6.5634E-01	6.7147E-01	7.8516E-01	7.1128E-01	9.1552E-01	57	4	2	5438
7.4541E-01	1.0458E+00	7.7529E-01	1.1754E+00	8.0188E-01	1.3038E+00	57	4	2	5439
8.2585E-01	1.4312E+00	8.4768E-01	1.5574E+00	8.6775E-01	1.6826E+00	57	4	2	5440
8.8632E-01	1.8068E+00	9.0361E-01	1.9302E+00	9.1980E-01	2.0528E+00	57	4	2	5441
9.3503E-01	2.1748E+00	9.4940E-01	2.2963E+00	9.6301E-01	2.4174E+00	57	4	2	5442
9.7593E-01	2.5381E+00	9.8825E-01	2.6585E+00	1.0000E+00	0.	57	4	2	5443
0.	1.2000E+06	0	0	1	33	57	4	2	5444
33	1	1	1	1	33	57	4	2	5445
-1.0000E+00	1.8529E-01	-8.3134E-01	1.9929E-01	-6.7454E-01	2.3876E-01	57	4	2	5446
-5.4366E-01	2.6798E-01	-4.2704E-01	2.8319E-01	-3.1669E-01	2.9052E-01	57	4	2	5447
-2.0913E-01	2.9452E-01	-1.0303E-01	2.9587E-01	2.5956E-03	2.9259E-01	57	4	2	5448
1.0940E-01	2.8383E-01	2.1950E-01	2.7600E-01	2.3273E-01	2.8904E-01	57	4	2	5449
4.4084E-01	3.4573E-01	5.3123E-01	4.4631E-01	9.0125E-01	5.7299E-01	57	4	2	5450
6.5579E-01	7.1124E-01	6.9973E-01	8.5392E-01	1.3632E-01	9.9766E-01	57	4	2	5451
7.6765E-01	1.1411E+00	7.9503E-01	1.2837E+00	8.1938E-01	1.4251E+00	57	4	2	5452
8.4130E-01	1.5656E+00	8.6126E-01	1.7049E+00	8.7959E-01	1.8433E+00	57	4	2	5453
8.9655E-01	1.9808E+00	9.1232E-01	2.1177E+00	9.2708E-01	2.2539E+00	57	4	2	5454
9.4095E-01	2.3896E+00	9.5402E-01	2.5249E+00	9.6640E-01	2.6598E+00	57	4	2	5455
9.7815E-01	2.7946E+00	9.8933E-01	2.9291E+00	1.0000E+00	0.	57	4	2	5456
0.	1.2500E+06	0	0	1	33	57	4	2	5457
33	1	1	1	1	33	57	4	2	5458
-1.0000E+00	1.6342E-01	-8.0877E-01	1.8836E-01	-6.4287E-01	2.5043E-01	57	4	2	5459
-5.1808E-01	2.9834E-01	-4.1334E-01	3.2763E-01	-3.1796E-01	3.4291E-01	57	4	2	5460
-2.2683E-01	3.4744E-01	-1.3688E-01	3.4255E-01	-4.5655E-02	3.2807E-01	57	4	2	5461
4.9600E-02	3.0350E-01	1.5257E-01	2.7174E-01	2.6757E-01	2.5039E-01	57	4	2	5462
3.9237E-01	2.7886E-01	5.0444E-01	3.7557E-01	9.8764E-01	5.1264E-01	57	4	2	5463
6.4860E-01	6.6307E-01	6.9573E-01	8.1633E-01	1.3401E-01	9.6860E-01	57	4	2	5464
7.6628E-01	1.1189E+00	7.9421E-01	1.2668E+00	8.1887E-01	1.4126E+00	57	4	2	5465
8.4100E-01	1.5564E+00	8.6107E-01	1.6984E+00	8.7947E-01	1.8388E+00	57	4	2	5466
8.9647E-01	1.9778E+00	9.1227E-01	2.1157E+00	9.2704E-01	2.2526E+00	57	4	2	5467
9.4091E-01	2.3885E+00	9.5400E-01	2.5239E+00	9.6638E-01	2.6585E+00	57	4	2	5468
9.7813E-01	2.7928E+00	9.8932E-01	2.9266E+00	1.0000E+00	0.	57	4	2	5469
0.	1.2950E+06	0	0	1	33	57	4	2	5470
33	1	1	1	1	33	57	4	2	5471
-1.0000E+00	1.7408E-01	-8.2049E-01	1.9128E-01	-6.5712E-01	2.3495E-01	57	4	2	5472
-5.2411E-01	2.7003E-01	-4.0838E-01	2.9458E-01	-3.0230E-01	3.1310E-01	57	4	2	5473
-2.0249E-01	3.2705E-01	-1.0694E-01	3.3468E-01	-1.3569E-02	3.3270E-01	57	4	2	5474
8.0358E-02	3.1813E-01	1.7859E-01	2.9128E-01	2.8587E-01	2.6509E-01	57	4	2	5475
4.0376E-01	2.7859E-01	5.1593E-01	3.6526E-01	6.0149E-01	5.0540E-01	57	4	2	5476
6.6332E-01	6.6568E-01	7.1024E-01	8.3134E-01	1.4785E-01	9.9702E-01	57	4	2	5477
7.7919E-01	1.1611E+00	8.0611E-01	1.3231E+00	8.2473E-01	1.4831E+00	57	4	2	5478
8.5080E-01	1.6410E+00	8.6984E-01	1.7971E+00	8.8723E-01	1.9515E+00	57	4	2	5479
9.0324E-01	2.1045E+00	9.1809E-01	2.2562E+00	9.3194E-01	2.4068E+00	57	4	2	5480
9.4493E-01	2.5565E+00	9.5715E-01	2.7052E+00	9.6870E-01	2.8532E+00	57	4	2	5481
9.7966E-01	3.0006E+00	9.9007E-01	3.1472E+00	1.0000E+00	0.	57	4	2	5482
0.	1.3500E+06	0	0	1	33	57	4	2	5483
33	1	1	1	1	33	57	4	2	5484
-1.0000E+00	1.7934E-01	-8.2575E-01	1.9383E-01	-6.6453E-01	2.4271E-01	57	4	2	5485
-5.3578E-01	2.8857E-01	-4.2748E-01	3.2214E-01	-3.3048E-01	3.4528E-01	57	4	2	5486
-2.3997E-01	3.5976E-01	-1.5311E-01	3.6599E-01	-6.7723E-02	3.6328E-01	57	4	2	5487
1.8298E-02	3.5054E-01	1.0745E-01	3.2754E-01	2.0285E-01	2.9844E-01	57	4	2	5488
3.0757E-01	2.8027E-01	4.1907E-01	3.0594E-01	5.2121E-01	3.9248E-01	57	4	2	5489
6.0084E-01	5.2035E-01	6.6089E-01	6.6566E-01	1.0784E-01	8.1652E-01	57	4	2	5490

7.4611E-01	9.4833E-01	7.7838E-01	1.1193E+00	8.0063E-01	1.2689E+00	57	4	2	5491
6.3093E-01	1.4169E+00	8.5298E-01	1.5632E+00	8.7297E-01	1.7081E+00	57	4	2	5492
6.9127E-01	1.8517E+00	9.8815E-01	1.9941E+00	9.2382E-01	2.1354E+00	57	4	2	5493
9.3845E-01	2.2758E+00	9.5218E-01	2.4154E+00	9.6512E-01	2.5544E+00	57	4	2	5494
9.7735E-01	2.6928E+00	9.8896E-01	2.8306E+00	1.0000E+00	0.	57	4	2	5495
0.	1.4000E+06	0	0	1	33	57	4	2	5496
	33	1				57	4	2	5497
-1.0000E+00	1.4248E-01	-8.0767E-01	1.7775E-01	-9.3186E-01	2.2763E-01	57	4	2	5498
-4.9458E-01	2.7678E-01	-3.8168E-01	3.1458E-01	-2.8234E-01	3.4872E-01	57	4	2	5499
-1.9062E-01	3.5533E-01	-1.8267E-01	3.5789E-01	-1.5356E-02	3.4756E-01	57	4	2	5500
7.4555E-02	3.2398E-01	1.7101E-01	2.9039E-01	6.7862E-01	2.6342E-01	57	4	2	5501
3.9725E-01	2.8237E-01	5.8792E-01	3.7189E-01	9.9195E-01	5.0805E-01	57	4	2	5502
6.5346E-01	6.6121E-01	7.8872E-01	8.1880E-01	1.3889E-01	9.7614E-01	57	4	2	5503
7.7090E-01	1.1318E+00	7.9851E-01	1.2853E+00	8.2283E-01	1.4367E+00	57	4	2	5504
8.4458E-01	1.5860E+00	8.6428E-01	1.7334E+00	8.8231E-01	1.8791E+00	57	4	2	5505
8.9894E-01	2.0232E+00	9.1438E-01	2.1659E+00	9.2881E-01	2.3074E+00	57	4	2	5506
9.4236E-01	2.4477E+00	9.5512E-01	2.5871E+00	9.6720E-01	2.7255E+00	57	4	2	5507
9.7867E-01	2.8631E+00	9.8958E-01	2.9999E+00	1.0000E+00	0.	57	4	2	5508
0.	1.4500E+06	0	0	1	33	57	4	2	5509
	33	1				57	4	2	5510
-1.0000E+00	1.7400E-01	-8.2040E-01	1.8850E-01	-6.5462E-01	2.3115E-01	57	4	2	5511
-5.1942E-01	2.7117E-01	-4.8418E-01	3.0304E-01	-3.0106E-01	3.2808E-01	57	4	2	5512
-2.0581E-01	3.4698E-01	-1.1552E-01	3.5515E-01	-2.7526E-02	3.5262E-01	57	4	2	5513
6.1096E-02	3.3584E-01	1.5415E-01	3.0383E-01	6.5700E-01	2.6442E-01	57	4	2	5514
3.7518E-01	2.6472E-01	4.9787E-01	3.2629E-01	9.9364E-01	4.6822E-01	57	4	2	5515
6.6038E-01	6.3592E-01	7.8952E-01	8.0914E-01	1.4815E-01	9.8156E-01	57	4	2	5516
7.7998E-01	1.1516E+00	8.8712E-01	1.3189E+00	6.3081E-01	1.4835E+00	57	4	2	5517
8.5188E-01	1.6457E+00	8.7887E-01	1.8056E+00	6.8817E-01	1.9636E+00	57	4	2	5518
9.0409E-01	2.1198E+00	9.1887E-01	2.2744E+00	7.3257E-01	2.4276E+00	57	4	2	5519
9.4544E-01	2.5796E+00	9.5756E-01	2.7305E+00	7.6900E-01	2.8804E+00	57	4	2	5520
9.7985E-01	3.0295E+00	9.9017E-01	3.1771E+00	1.0000E+00	0.	57	4	2	5521
0.	1.4950E+06	0	0	1	33	57	4	2	5522
	33	1				57	4	2	5523
-1.0000E+00	1.8223E-01	-8.2851E-01	1.9872E-01	-6.7126E-01	2.2538E-01	57	4	2	5524
-5.3260E-01	2.8303E-01	-4.8147E-01	2.5394E-01	-2.7840E-01	2.8386E-01	57	4	2	5525
-1.6831E-01	3.2110E-01	-7.8992E-02	3.5228E-01	-1.7715E-02	3.6761E-01	57	4	2	5526
1.0272E-01	3.6070E-01	1.8936E-01	3.2647E-01	6.8508E-01	2.6374E-01	57	4	2	5527
4.0355E-01	2.1597E-01	5.4824E-01	3.0294E-01	9.5140E-01	5.0790E-01	57	4	2	5528
7.1293E-01	7.3154E-01	7.5565E-01	9.5122E-01	1.8850E-01	1.1643E+00	57	4	2	5529
8.1534E-01	1.3714E+00	8.3817E-01	1.5732E+00	6.5799E-01	1.7707E+00	57	4	2	5530
8.7564E-01	1.9643E+00	8.9155E-01	2.1547E+00	7.0605E-01	2.3421E+00	57	4	2	5531
9.1939E-01	2.5272E+00	9.3176E-01	2.7099E+00	7.4329E-01	2.8908E+00	57	4	2	5532
9.5410E-01	3.0699E+00	9.6428E-01	3.2475E+00	7.7390E-01	3.4237E+00	57	4	2	5533
9.8303E-01	3.5985E+00	9.9017E-01	3.7723E+00	1.0000E+00	0.	57	4	2	5534
0.	2.0000E+06	0	0	1	33	57	4	2	5535
	33	1				57	4	2	5536
-1.0000E+00	9.8846E-02	-6.8385E-01	1.4717E-01	-4.7151E-01	2.3012E-01	57	4	2	5537
-3.3572E-01	2.8103E-01	-2.2452E-01	3.1460E-01	-1.2519E-01	3.3192E-01	57	4	2	5538
-3.1038E-02	3.3047E-01	6.7523E-02	3.0653E-01	1.6547E-01	2.5658E-01	57	4	2	5539
2.8727E-01	1.9112E-01	4.5078E-01	1.9951E-01	9.0741E-01	3.5984E-01	57	4	2	5540
6.9426E-01	5.8923E-01	7.4729E-01	8.3467E-01	1.8473E-01	1.8849E+00	57	4	2	5541
8.1354E-01	1.3374E+00	8.3690E-01	1.5922E+00	8.5653E-01	1.8471E+00	57	4	2	5542
8.7345E-01	2.1022E+00	8.8831E-01	2.3575E+00	9.0157E-01	2.6126E+00	57	4	2	5543
9.1357E-01	2.8675E+00	9.2443E-01	3.1222E+00	9.3444E-01	3.3765E+00	57	4	2	5544
9.4369E-01	3.6304E+00	9.5230E-01	3.8840E+00	9.6035E-01	4.1371E+00	57	4	2	5545
9.6790E-01	4.3899E+00	9.7502E-01	4.6422E+00	9.8175E-01	4.8940E+00	57	4	2	5546
9.8814E-01	5.1455E+00	9.9421E-01	5.3965E+00	1.0000E+00	0.	57	4	2	5547
0.	2.5000E+06	0	0	1	33	57	4	2	5548
	33	1				57	4	2	5549
-1.0000E+00	1.3868E-01	-7.7466E-01	7.4626E-02	-3.5591E-01	1.2989E-01	57	4	2	5550
-1.1532E-01	2.0663E-01	3.5922E-02	2.5824E-01	1.5693E-01	2.7712E-01	57	4	2	5551
2.6970E-01	2.4580E-01	3.9683E-01	1.5242E-01	9.0186E-01	2.7914E-01	57	4	2	5552
7.1381E-01	6.5360E-01	7.6162E-01	9.9391E-01	1.9306E-01	1.3102E+00	57	4	2	5553
8.1691E-01	1.6086E+00	8.3634E-01	1.8929E+00	8.5285E-01	2.1685E+00	57	4	2	5554
8.6726E-01	2.4311E+00	8.8811E-01	2.6921E+00	8.9172E-01	2.9438E+00	57	4	2	5555
9.0234E-01	3.1897E+00	9.1214E-01	3.4305E+00	9.2124E-01	3.6665E+00	57	4	2	5556
9.2977E-01	3.8981E+00	9.3779E-01	4.1259E+00	9.4536E-01	4.3499E+00	57	4	2	5557
9.5254E-01	4.5705E+00	9.5938E-01	4.7878E+00	9.6591E-01	5.0022E+00	57	4	2	5558
9.7215E-01	5.2137E+00	9.7815E-01	5.4225E+00	9.8391E-01	5.6288E+00	57	4	2	5559
9.8946E-01	5.8326E+00	9.9482E-01	6.0339E+00	1.0000E+00	0.	57	4	2	5560

0.	4.1000E+06	0	0	1	33	57	4	2	5561
33	1					57	4	2	5562
-1.0000E+00	6.2271E-02	-4.9816E-01	7.0317E-02	-5.3747E-02	1.8410E-01	57	4	2	5563
1.1600E-01	1.8467E-01	2.8522E-01	1.5117E-01	4.9194E-01	1.3989E-01	57	4	2	5564
7.1533E-01	4.0030E-01	7.9340E-01	8.8848E-01	8.2857E-01	1.3545E+00	57	4	2	5565
8.5164E-01	1.8030E+00	8.6898E-01	2.2376E+00	8.8294E-01	2.6615E+00	57	4	2	5566
8.9468E-01	3.0710E+00	9.0486E-01	3.4912E+00	9.1381E-01	3.8751E+00	57	4	2	5567
9.2187E-01	4.2819E+00	9.2917E-01	4.6729E+00	9.3586E-01	5.0594E+00	57	4	2	5568
9.4204E-01	5.4419E+00	9.4778E-01	5.8207E+00	9.5315E-01	6.1961E+00	57	4	2	5569
9.5819E-01	6.5683E+00	9.6295E-01	6.9376E+00	9.6745E-01	7.3041E+00	57	4	2	5570
9.7173E-01	7.6681E+00	9.7581E-01	8.0297E+00	9.7970E-01	8.3891E+00	57	4	2	5571
9.8342E-01	8.7462E+00	9.8700E-01	9.1013E+00	9.9043E-01	9.4545E+00	57	4	2	5572
9.9374E-01	9.8059E+00	9.9692E-01	1.0155E+01	1.0000E+00	0.	57	4	2	5573
0.	7.0000E+06	0	0	1	33	57	4	2	5574
33	1					57	4	2	5575
-1.0000E+00	5.2620E-02	-4.0612E-01	8.1538E-02	-4.2866E-02	1.6161E-01	57	4	2	5576
1.7050E-01	1.8675E-01	3.3783E-01	1.3209E-01	5.7440E-01	1.7695E-01	57	4	2	5577
7.5101E-01	4.5134E-01	8.2025E-01	9.0694E-01	8.5471E-01	1.3938E+00	57	4	2	5578
8.7713E-01	1.9090E+00	8.9350E-01	2.4633E+00	9.0618E-01	3.0188E+00	57	4	2	5579
9.1653E-01	3.6099E+00	9.2519E-01	4.1825E+00	9.3266E-01	4.7754E+00	57	4	2	5580
9.3921E-01	5.3274E+00	9.4507E-01	5.9191E+00	9.5035E-01	6.4810E+00	57	4	2	5581
9.5517E-01	7.0318E+00	9.5962E-01	7.5698E+00	9.6375E-01	8.0937E+00	57	4	2	5582
9.6761E-01	8.6025E+00	9.7124E-01	9.0947E+00	9.7468E-01	9.5697E+00	57	4	2	5583
9.7794E-01	1.0026E+01	9.8106E-01	1.0463E+01	9.8405E-01	1.0879E+01	57	4	2	5584
9.8692E-01	1.1273E+01	9.8969E-01	1.1643E+01	9.9237E-01	1.1989E+01	57	4	2	5585
9.9498E-01	1.2309E+01	9.9752E-01	1.2600E+01	1.0000E+00	0.	57	4	2	5586
0.	1.5000E+07	0	0	1	33	57	4	2	5587
33	1					57	4	2	5588
-1.0000E+00	2.4468E-02	2.7716E-01	1.6538E-01	4.6612E-01	1.3371E-01	57	4	2	5589
6.9983E-01	6.2812E-01	7.4958E-01	9.7221E-01	7.8172E-01	1.1185E+00	57	4	2	5590
8.0966E-01	1.0491E+00	8.3945E-01	3.8284E-01	9.2108E-01	1.3383E+00	57	4	2	5591
9.4443E-01	3.5314E+00	9.5328E-01	5.1705E+00	9.5932E-01	6.6752E+00	57	4	2	5592
9.6400E-01	8.2178E+00	9.6781E-01	9.6253E+00	9.7105E-01	1.0988E+01	57	4	2	5593
9.7390E-01	1.2314E+01	9.7644E-01	1.3610E+01	9.7873E-01	1.4881E+01	57	4	2	5594
9.8083E-01	1.6130E+01	9.8277E-01	1.7359E+01	9.8457E-01	1.8572E+01	57	4	2	5595
9.8625E-01	1.9768E+01	9.8783E-01	2.0952E+01	9.8932E-01	2.2121E+01	57	4	2	5596
9.9074E-01	2.3280E+01	9.9208E-01	2.4428E+01	9.9336E-01	2.5566E+01	57	4	2	5597
9.9458E-01	2.6693E+01	9.9575E-01	2.7813E+01	9.9687E-01	2.8925E+01	57	4	2	5598
9.9796E-01	3.0028E+01	9.9900E-01	3.1124E+01	1.0000E+00	0.	57	4	0	5600
9.22350+ 4	2.33025+ 2	0	2	0	0	57	4	16	5601
0.	2.3302E+02	0	1	0	0	57	4	16	5602
0.	0.	0	0	1	2	57	4	16	5603
2	2	0	0	1	2	57	4	16	5604
0.	5.2500E+06	0	0	1	2	57	4	16	5605
2	2					57	4	16	5606
-1.0000E+00	5.0000E-01	1.0000E+00	5.0000E-01			57	4	16	5607
0.	1.5000E+07	0	0	1	2	57	4	16	5608
2	2					57	4	16	5609
-1.0000E+00	5.0000E-01	1.0000E+00	5.0000E-01			57	4	16	5610
9.22350+ 4	2.33025+ 2	0	2	0	0	57	4	17	5611
0.	2.3302E+02	0	1	0	0	57	4	17	5612
0.	0.	0	0	1	2	57	4	17	5613
2	2					57	4	17	5614
0.	1.1900E+07	0	0	1	2	57	4	17	5615
2	2					57	4	17	5616
-1.0000E+00	5.0000E-01	1.0000E+00	5.0000E-01			57	4	17	5617
0.	1.5000E+07	0	0	1	2	57	4	17	5618
2	2					57	4	17	5619
-1.0000E+00	5.0000E-01	1.0000E+00	5.0000E-01			57	4	17	5620
9.22350+ 4	2.33025+ 2	0	2	0	0	57	4	18	5621
0.	2.3302E+02	0	1	0	0	57	4	18	5622
0.	0.	0	0	1	2	57	4	18	5623
2	2					57	4	18	5624
0.	1.0000E+05	0	0	1	2	57	4	18	5625
2	2					57	4	18	5626
-1.0000E+00	5.0000E-01	1.0000E+00	5.0000E-01			57	4	18	5627
0.	1.5000E+07	0	0	1	2	57	4	18	5628
2	2					57	4	18	5629
-1.0000E+00	5.0000E-01	1.0000E+00	5.0000E-01			57	4	18	5630
0.	1.5000E+07	0	0	1	2	57	4	18	5631

-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	18	5631
9.22350+	4	2.33025+	2	0	2	0	0	57	4	18	5632
0.		2.3302E+02		0	2	0	0	57	4	0	5633
0.		0.		0	0	1	2	57	4	51	5634
0.	2	1.3000E+04	2	0	0	1	2	57	4	51	5637
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	51	5638
0.		1.5000E+07		0	0	1	2	57	4	51	5639
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	51	5640
9.22350+	4	2.33025+	2	0	2	0	0	57	4	51	5641
0.		2.3302E+02		0	2	0	0	57	4	51	5642
0.		0.		0	0	1	2	57	4	51	5643
0.	2	5.0000E+04	2	0	0	1	2	57	4	0	5644
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	52	5645
0.		1.5000E+07		0	0	1	0	57	4	52	5646
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	52	5647
9.22350+	4	2.33025+	2	0	2	0	0	57	4	52	5648
0.		2.3302E+02		0	2	0	0	57	4	52	5649
0.		0.		0	0	1	2	57	4	52	5650
0.	2	5.0000E+04	2	0	0	1	2	57	4	52	5651
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	52	5652
0.		1.5000E+07		0	0	1	2	57	4	52	5653
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	52	5654
9.22350+	4	2.33025+	2	0	2	0	0	57	4	0	5655
0.		2.3302E+02		0	2	0	0	57	4	53	5656
0.		0.		0	0	1	0	57	4	53	5657
0.	2	8.4000E+04	2	0	0	1	2	57	4	53	5658
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	53	5659
0.		1.5000E+07		0	0	1	2	57	4	53	5660
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	53	5661
9.22350+	4	2.33025+	2	0	2	0	0	57	4	53	5662
5.0000E-05		2.3302E+02		0	2	0	0	57	4	53	5663
5.0000E-05		5.0000E-05		0	0	1	2	57	4	53	5664
0.	2	1.0300E+05	2	0	0	1	2	57	4	53	5665
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	53	5666
0.		1.5000E+07		0	0	1	2	57	4	53	5667
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	53	5668
9.22350+	4	2.33025+	2	0	2	0	0	57	4	54	5669
0.		2.3302E+02		0	2	0	0	57	4	54	5670
0.		0.		0	0	1	2	57	4	54	5671
0.	2	1.5000E+05	2	0	0	1	2	57	4	54	5672
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	54	5673
0.		1.5000E+07		0	0	1	2	57	4	54	5674
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	54	5675
9.22350+	4	2.33025+	2	0	2	0	0	57	4	54	5676
0.		2.3302E+02		0	2	0	0	57	4	54	5677
0.		0.		0	0	1	2	57	4	54	5678
0.	2	1.5000E+05	2	0	0	1	2	57	4	54	5679
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	55	5680
0.		1.5000E+07		0	0	1	2	57	4	55	5681
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	55	5682
9.22350+	4	2.33025+	2	0	2	0	0	57	4	55	5683
0.		2.3302E+02		0	2	0	0	57	4	55	5684
0.		0.		0	0	1	2	57	4	55	5685
0.	2	1.5000E+05	2	0	0	1	2	57	4	55	5686
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	55	5687
0.		1.5000E+07		0	0	1	2	57	4	55	5688
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	55	5689
9.22350+	4	2.33025+	2	0	2	0	0	57	4	56	5689
0.		2.3302E+02		0	2	0	0	57	4	56	5690
0.		0.		0	0	1	2	57	4	56	5691
0.	2	1.7300E+05	2	0	0	1	2	57	4	56	5692
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	56	5693
0.		1.5000E+07		0	0	1	2	57	4	56	5694
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	56	5695
9.22350+	4	2.33025+	2	0	2	0	0	57	4	56	5696
0.		2.3302E+02		0	2	0	0	57	4	56	5697
0.		0.		0	0	1	2	57	4	56	5698
0.	2	1.5000E+05	2	0	0	1	2	57	4	56	5699
-1.0000E+00	2	5.0000E-01	2	1.0000E+00	0	5.0000E-01	0	57	4	57	5700
9.22350+	4	2.33025+	2	0	2	0	0	57	4	57	5700
0.		2.3302E+02		0	2	0	0	57	4	57	5701



0.	0.	0	0	1	2	57 4 57 5702						
0.	2	2.3500E+05	0	1	2	57 4 57 5703						
-1.0000E+00	2	5.0000E-01	1.0000E+00	5.0000E-01	2	57 4 57 5704						
0.	2	1.5000E+07	0	0	2	57 4 57 5705						
-1.0000E+00	2	5.0000E-01	1.0000E+00	5.0000E-01	1	2	57 4 57 5706					
9.22350+	4	2.33025+	2	0	0	57 4 0 5710						
0.	2	2.3302E+02	0	2	0	57 4 58 5711						
0.	2	0.	0	0	1	2	57 4 58 5712					
0.	2	2.7000E+05	0	0	1	2	57 4 58 5713					
-1.0000E+00	2	5.0000E-01	1.0000E+00	5.0000E-01	1	2	57 4 58 5714					
0.	2	1.5000E+07	0	0	1	2	57 4 58 5715					
-1.0000E+00	2	5.0000E-01	1.0000E+00	5.0000E-01	1	2	57 4 58 5716					
9.22350+	4	2.33025+	2	0	0	57 4 58 5717						
0.	2	2.3302E+02	0	2	0	57 4 58 5718						
0.	2	0.	0	0	1	2	57 4 58 5719					
0.	2	4.0000E+05	0	0	1	2	57 4 58 5720					
-1.0000E+00	2	5.0000E-01	1.0000E+00	5.0000E-01	1	2	57 4 58 5721					
0.	2	1.5000E+07	0	0	1	2	57 4 58 5722					
-1.0000E+00	2	5.0000E-01	1.0000E+00	5.0000E-01	1	2	57 4 58 5723					
9.22350+	4	2.33025+	2	0	0	57 4 0 5724						
0.	2	2.3302E+02	0	2	0	57 4 59 5722						
0.	2	0.	0	0	1	2	57 4 59 5723					
0.	2	6.0000E+05	0	0	1	2	57 4 59 5724					
-1.0000E+00	2	5.0000E-01	1.0000E+00	5.0000E-01	1	2	57 4 59 5725					
0.	2	1.5000E+07	0	0	1	2	57 4 59 5726					
-1.0000E+00	2	5.0000E-01	1.0000E+00	5.0000E-01	1	2	57 4 59 5727					
9.22350+	4	2.33025+	2	0	0	57 4 59 5728						
0.	2	2.3302E+02	0	2	0	57 4 59 5729						
0.	2	0.	0	0	1	2	57 4 59 5730					
0.	2	9.5000E+05	0	0	1	2	57 4 59 5731					
-1.0000E+00	2	5.0000E-01	1.0000E+00	5.0000E-01	1	2	57 4 59 5732					
0.	2	1.5000E+07	0	0	1	2	57 4 59 5733					
-1.0000E+00	2	5.0000E-01	1.0000E+00	5.0000E-01	1	2	57 4 59 5734					
9.22350+	4	2.33025+	2	0	0	57 4 60 5732						
0.	2	2.3302E+02	0	2	0	57 4 60 5733						
0.	2	0.	0	0	1	2	57 4 60 5734					
0.	2	6.0000E+05	0	0	1	2	57 4 60 5735					
-1.0000E+00	2	5.0000E-01	1.0000E+00	5.0000E-01	1	2	57 4 60 5736					
0.	2	1.5000E+07	0	0	1	2	57 4 60 5737					
-1.0000E+00	2	5.0000E-01	1.0000E+00	5.0000E-01	1	2	57 4 60 5738					
9.22350+	4	2.33025+	2	0	0	57 4 60 5739						
0.	2	2.3302E+02	0	2	0	57 4 60 5740						
0.	2	0.	0	0	1	2	57 4 60 5741					
0.	2	9.5000E+05	0	0	1	2	57 4 60 5742					
-1.0000E+00	2	5.0000E-01	1.0000E+00	5.0000E-01	1	2	57 4 60 5743					
0.	2	1.5000E+07	0	0	1	2	57 4 60 5744					
-1.0000E+00	2	5.0000E-01	1.0000E+00	5.0000E-01	1	2	57 4 60 5745					
9.22350+	4	2.33025+	2	0	0	57 4 91 5746						
5.25000+	6	0.00000+	0	9	1	2	57 4 91 5747					
5.25000+	6	1.00000+	0	1.50000+	7	1.00000+	0	57 4 91 5748				
0.00000+	0	0.00000+	0	0	0	1	21	57 4 91 5749				
5.25000+	6	1.00000+	4	5.50000+	6	1.04880+	5	0.00000+	6	1.82200+	5	57 4 91 5750
6.50000+	6	2.35360+	5	7.00000+	6	2.78560+	5	7.50000+	6	3.15900+	5	57 4 91 5751
8.00000+	6	3.49270+	5	8.50000+	6	3.79720+	5	9.00000+	6	4.07900+	5	57 4 91 5752
9.50000+	6	4.34260+	5	1.00000+	7	4.59110+	5	1.00000+	7	4.82680+	5	57 4 91 5753
1.10000+	7	5.05150+	5	1.15000+	7	5.26660+	5	1.20000+	7	5.47330+	5	57 4 91 5754
1.25000+	7	5.67250+	5	1.30000+	7	5.86490+	5	1.30000+	7	6.05120+	5	57 4 91 5755
1.40000+	7	6.23190+	5	1.45000+	7	6.40750+	5	1.50000+	7	6.57850+	5	57 4 91 5756
9.22350+	4	2.33025+	2	0	0	1	0	57 5 0 5754				
1.19000+	7	0.00000+	0	0	9	1	2	57 0 0 5755				
	2		2					57 5 16 5756				
								57 5 16 5757				
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								57 5 16 5766				
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								57 5 0 5769				
								57 5 17 5770				
								57 5 17 5771				
								57 5 17 5772				

1.19000+	7	1.00000+	0	1.50000+	7	1.00000+	0			57	5	17	5773
0.00000+	0	0.00000+	0		0		0		1		8		57 5 17 5774
													57 5 17 5775
1.19000+	7	1.00000+	4	1.20000+	7	6.66310+	4	1.25000+	7	1.63500+	5		57 5 17 5776
1.30000+	7	2.21420+	5	1.35000+	7	2.67060+	5	1.40000+	7	3.05960+	5		57 5 17 5777
1.45000+	7	3.40450+	5	1.50000+	7	3.71750+	5						57 5 17 5778
													57 5 0 5779
9.22350+	4	2.33025+	2		0		0		1		0		57 5 18 5780
-3.00000+	7	0.00000+	0		0		7		1		2		57 5 18 5781
													57 5 18 5782
1.00000-	5	1.00000+	0	1.50000+	7	1.00000+	0						57 5 18 5783
0.00000+	0	0.00000+	0		0		0		1		3		57 5 18 5784
													57 5 18 5785
1.00000-	5	1.30000+	6	3.00000+	5	1.32000+	6	1.50000+	7	1.65000+	6		57 5 18 5786
													57 5 0 5787
9.22350+	4	2.33025+	2		0		0		1		0		57 5 91 5788
8.40000+	4	0.00000+	0		0		9		1		2		57 5 91 5789
													57 5 91 5790
9.50000+	5	1.00000+	0	1.50000+	7	1.00000+	0						57 5 91 5791
0.00000+	0	0.00000+	0		0		0		1		2		57 5 91 5792
													57 5 91 5793
9.50000+	5	2.04900+	5	1.50000+	7	8.14310+	5						57 5 91 5794
													57 5 0 5795
													57 0 0 5796
9.22350+	4	2.33025+	2		0		0		1		0		5713 3 5797
1.00000+	3	0.00000+	0		0		1		1		2455		5713 3 5798
	2455		2		0		0		0		0		5713 3 5799
1.00000-	5	2.42832+	5	1.22756-	5	2.19150+	5	1.449675-	5	1.98446+	5		5713 3 5800
1.81356-	5	1.80264+	5	2.18424-	5	1.64243+	5	2.18441-	5	1.64236+	5		5713 3 5801
2.61714-	5	1.50032+	5	2.61737-	5	1.50025+	5	3.11933-	5	1.37414+	5		5713 3 5802
3.11963-	5	1.37406+	5	3.69954-	5	1.26168+	5	3.69993-	5	1.26160+	5		5713 3 5803
4.36707-	5	1.16116+	5	4.36756-	5	1.16109+	5	0.02663-	5	9.88287+	4		5713 3 5804
6.02735-	5	9.88212+	4	8.18209-	5	8.48051+	4	0.18309-	5	8.47990+	4		5713 3 5805
1.09487-	4	7.33009+	4	1.09500-	4	7.32955+	4	1.44552-	4	6.37848+	4		5713 3 5806
1.44569-	4	6.37803+	4	1.90841-	4	5.55049+	4	1.90862-	4	5.55013+	4		5713 3 5807
2.48886-	4	4.85969+	4	2.48911-	4	4.85940+	4	2.21017-	4	4.27847+	4		5713 3 5808
3.21045-	4	4.27825+	4	4.09801-	4	3.78627+	4	0.09831-	4	3.78611+	4		5713 3 5809
5.18710-	4	3.36499+	4	6.50757-	4	3.00391+	4	0.09793-	4	2.69253+	4		5713 3 5810
1.00000-	3	2.42271+	4	1.25307-	3	2.16124+	4	1.25318-	3	2.16113+	4		5713 3 5811
1.55762-	3	1.93584+	4	1.55785-	3	1.93567+	4	1.92188-	3	1.74047+	4		5713 3 5812
1.92222-	3	1.74029+	4	2.35480-	3	1.57036+	4	2.35523-	3	1.57020+	4		5713 3 5813
2.86786-	3	1.42122+	4	2.86832-	3	1.42109+	4	2.47122-	3	1.29026+	4		5713 3 5814
3.47165-	3	1.29017+	4	4.17744-	3	1.17479+	4	3.00000-	3	1.07260+	4		5713 3 5815
5.98917-	3	9.76804+	3	5.98990-	3	9.76734+	3	7.13821-	3	8.91872+	3		5713 3 5816
7.13933-	3	8.91788+	3	8.00000-	3	8.42882+	3	8.46777-	3	8.16303+	3		5713 3 5817
8.46874-	3	8.16249+	3	9.00000-	3	7.92875+	3	1.00000-	2	7.48876+	3		5713 3 5818
1.10000-	2	7.14854+	3	1.20000-	2	6.80832+	3	1.22842-	2	6.71163+	3		5713 3 5819
1.22869-	2	6.71073+	3	1.50000-	2	6.03417+	3	1.60000-	2	5.85921+	3		5713 3 5820
1.90000-	2	5.33431+	3	2.00000-	2	5.15934+	3	2.30000-	2	4.80124+	3		5713 3 5821
2.40000-	2	4.68187+	3	2.53000-	2	4.52669+	3	2.60000-	2	4.46454+	3		5713 3 5822
2.80000-	2	4.28696+	3	2.90000-	2	4.19818+	3	3.00000-	2	4.10939+	3		5713 3 5823
3.40000-	2	3.82916+	3	3.50000-	2	3.75910+	3	4.00000-	2	3.47514+	3		5713 3 5824
4.20000-	2	3.38065+	3	4.30000-	2	3.33341+	3	4.50000-	2	3.23891+	3		5713 3 5825
5.00000-	2	3.73787+	3	5.50000-	2	2.86429+	3	5.60000-	2	2.83396+	3		5713 3 5826
5.70000-	2	2.80362+	3	6.00000-	2	2.71262+	3	6.50000-	2	2.57884+	3		5713 3 5827
6.80000-	2	2.50750+	3	6.90000-	2	2.48372+	3	7.00000-	2	2.45994+	3		5713 3 5828
7.50000-	2	2.35382+	3	8.00000-	2	2.26017+	3	8.40000-	2	2.19219+	3		5713 3 5829
8.50000-	2	2.17519+	3	9.00000-	2	2.09820+	3	9.20000-	2	2.07021+	3		5713 3 5830
9.30000-	2	2.05623+	3	9.50000-	2	2.02824+	3	9.90000-	2	1.97772+	3		5713 3 5831
1.00000-	1	1.96509+	3	1.10000-	1	1.85289+	3	1.20000-	1	1.75552+	3		5713 3 5832
1.30000-	1	1.67139+	3	1.40000-	1	1.60035+	3	1.50000-	1	1.54574+	3		5713 3 5833
1.60000-	1	1.49940+	3	1.70000-	1	1.46184+	3	1.80000-	1	1.43256+	3		5713 3 5834
2.03340-	1	1.40767+	3	2.23340-	1	1.42344+	3	2.43340-	1	1.47430+	3		5713 3 5835
2.63340-	1	1.53630+	3	2.83340-	1	1.57650+	3	3.03340-	1	1.53431+	3		5713 3 5836
3.23340-	1	1.38555+	3	3.43340-	1	1.21347+	3	3.63340-	1	1.08646+	3		5713 3 5837
3.83340-	1	9.74461+	2	4.03340-	1	8.83197+	2	4.28120-	1	7.91947+	2		5713 3 5838
4.64920-	1	6.93311+	2	5.04920-	1	6.18197+	2	5.44920-	1	5.62357+	2		5713 3 5839
5.84920-	1	5.20353+	2	6.24920-	1	4.88981+	2	6.64920-	1	4.64720+	2		5713 3 5840
7.04920-	1	4.45408+	2	7.44920-	1	4.30560+	2	7.84920-	1	4.20787+	2		5713 3 5841
8.24920-	1	4.16796+	2	8.64920-	1	4.20248+	2	8.04920-	1	4.33866+	2		5713 3 5842

9.44920	1	4.58769	2	9.84920	1	4.96469	2	1.00000	0	5.20367	2	5713	3	5843
1.00000	0	4.85930	2	1.02319	0	5.38412	2	1.05500	0	6.66161	2	5713	3	5844
1.07300	0	7.33814	2	1.08750	0	7.85080	2	1.09100	0	7.98653	2	5713	3	5845
1.10886	0	8.38879	2	1.12528	0	8.51256	2	1.14000	0	8.32919	2	5713	3	5846
1.15472	0	7.83112	2	1.17114	0	6.94681	2	1.18200	0	6.19955	2	5713	3	5847
1.19250	0	5.53281	2	1.20000	0	5.08212	2	1.21800	0	4.19413	2	5713	3	5848
1.23600	0	3.40607	2	1.25681	0	2.66101	2	1.30466	0	1.96770	2	5713	3	5849
1.32700	0	1.89858	2	1.36400	0	1.64329	2	1.36678	0	1.62111	2	5713	3	5850
1.45375	0	1.43387	2	1.45500	0	1.43457	2	1.54500	0	1.35900	2	5713	3	5851
1.58302	0	1.30509	2	1.63600	0	1.30042	2	1.72700	0	1.26658	2	5713	3	5852
1.78694	0	1.22729	2	1.79626	0	1.22676	2	1.79966	0	1.22675	2	5713	3	5853
1.81800	0	1.23691	2	1.87384	0	1.26827	2	1.90900	0	1.39716	2	5713	3	5854
1.92086	0	1.43392	2	1.95250	0	1.79390	2	1.97510	0	2.28677	2	5713	3	5855
1.99251	0	2.76681	2	2.00000	0	2.94828	2	2.01590	0	3.33792	2	5713	3	5856
2.02367	0	3.45150	2	2.02965	0	3.50043	2	2.03500	0	3.51337	2	5713	3	5857
2.04035	0	3.49640	2	2.04633	0	3.44296	2	2.05410	0	3.32353	2	5713	3	5858
2.07749	0	2.73267	2	2.09490	0	2.23456	2	2.11750	0	1.71816	2	5713	3	5859
2.14914	0	1.32496	2	2.18200	0	1.18809	2	2.19616	0	1.12916	2	5713	3	5860
2.21165	0	1.10246	2	2.27373	0	1.04585	2	2.36400	0	1.02973	2	5713	3	5861
2.45500	0	9.61872	1	2.46231	1	9.54295	1	2.54500	0	9.07496	1	5713	3	5862
2.58917	0	8.45879	1	2.63600	0	8.08035	1	2.67979	0	8.35429	1	5713	3	5863
2.69100	0	8.53547	1	2.74500	0	9.71239	1	2.74961	0	1.00163	2	5713	3	5864
2.80000	0	1.42635	2	2.81800	0	1.52536	2	2.84342	0	1.58484	2	5713	3	5865
2.85500	0	1.62291	2	2.87457	0	1.68065	2	2.89853	0	1.74574	2	5713	3	5866
2.92000	0	1.79654	2	2.92700	0	1.81219	2	2.94147	0	1.86502	2	5713	3	5867
2.94500	0	1.87977	2	2.96543	0	2.05096	2	2.99658	0	2.37295	2	5713	3	5868
3.01800	0	2.75064	2	3.05888	0	3.29968	2	3.07200	0	3.55248	2	5713	3	5869
3.09840	0	3.93822	2	3.11817	0	4.14766	2	3.13338	0	4.21439	2	5713	3	5870
3.14700	0	4.18438	2	3.16062	0	4.06355	2	3.17583	0	3.82796	2	5713	3	5871
3.18200	0	3.69349	2	3.19560	0	3.47027	2	3.21800	0	3.02110	2	5713	3	5872
3.25512	0	2.33638	2	3.27300	0	2.13113	2	3.27942	0	1.84084	2	5713	3	5873
3.35692	0	1.68386	2	3.36400	0	1.72638	2	3.43495	0	2.19688	2	5713	3	5874
3.45500	0	2.63270	2	3.48212	0	3.16150	2	3.49100	0	3.50832	2	5713	3	5875
3.51687	0	4.49714	2	3.54365	0	5.88586	2	3.54500	0	5.95149	2	5713	3	5876
3.57963	0	7.20705	2	3.58200	0	7.24941	2	3.59158	0	7.51972	2	5713	3	5877
3.60077	0	7.66028	2	3.60900	0	7.68902	2	3.61723	0	7.62332	2	5713	3	5878
3.62642	0	7.44146	2	3.63600	0	7.12803	2	3.63837	0	7.03716	2	5713	3	5879
3.67435	0	4.99521	2	3.69100	0	3.99390	2	3.67013	0	3.40157	2	5713	3	5880
3.72700	0	2.23624	2	3.73588	0	1.89555	2	3.78454	0	9.70510	1	5713	3	5881
3.81800	0	7.77139	1	3.85686	0	5.50187	1	3.90900	0	4.99688	1	5713	3	5882
3.97095	0	4.17682	1	4.00000	0	4.21284	1	4.09100	0	4.13927	1	5713	3	5883
4.16256	0	4.00247	1	4.18200	0	4.03639	1	4.22739	0	4.06729	1	5713	3	5884
4.29246	0	4.17877	1	4.36400	0	4.45416	1	4.48475	0	4.58639	1	5713	3	5885
4.54500	0	5.03087	1	4.59925	0	5.80195	1	4.63600	0	7.46775	1	5713	3	5886
4.67184	0	6.92837	1	4.72066	0	1.73986	2	4.72700	0	1.95975	2	5713	3	5887
4.75554	0	2.91730	2	4.78200	0	4.13006	2	4.78242	0	4.14937	2	5713	3	5888
4.80000	0	4.91219	2	4.81852	0	5.70171	2	4.83051	0	6.01942	2	5713	3	5889
4.83600	0	6.10355	2	4.83974	0	6.12416	2	4.84800	0	6.08591	2	5713	3	5890
4.85500	0	5.98455	2	4.85626	0	5.97147	2	4.86549	0	5.78220	2	5713	3	5891
4.87748	0	5.40227	2	4.89100	0	4.75590	2	4.90900	0	4.11151	2	5713	3	5892
4.91358	0	3.92148	2	4.94046	0	2.72495	2	4.94500	0	2.57860	2	5713	3	5893
4.97534	0	1.59571	2	4.98100	0	1.51494	2	5.02416	0	8.80168	1	5713	3	5894
5.09100	0	6.76750	1	5.09675	0	6.60287	1	5.13866	0	6.62422	1	5713	3	5895
5.14500	0	6.66782	1	5.18200	0	7.11359	1	5.18327	0	7.13073	1	5713	3	5896
5.26052	0	8.70263	1	5.27300	0	9.07071	1	5.30900	0	1.00871	2	5713	3	5897
5.31248	0	1.01604	2	5.34960	0	1.12406	2	5.37820	0	1.21906	2	5713	3	5898
5.41663	0	1.34067	2	5.42939	0	1.37394	2	5.43921	0	1.39587	2	5713	3	5899
5.44800	0	1.41253	2	5.45679	0	1.42624	2	5.46661	0	1.43807	2	5713	3	5900
5.46744	0	1.43891	2	5.53736	0	1.44337	2	5.54500	0	1.43991	2	5713	3	5901
5.60000	0	1.37633	2	5.65500	0	1.31717	2	5.66264	0	1.31707	2	5713	3	5902
5.72700	0	1.31140	2	5.73256	0	1.31518	2	5.81800	0	1.40222	2	5713	3	5903
5.82346	0	1.40868	2	5.90900	0	1.93377	2	6.00000	0	2.46225	2	5713	3	5904
6.04863	0	2.68413	2	6.09100	0	3.35336	2	6.12963	0	3.96346	2	5713	3	5905
6.16232	0	4.64569	2	6.16400	0	4.69007	2	6.18747	0	5.24088	2	5713	3	5906
6.21000	0	5.98336	2	6.21800	0	6.36809	2	6.23253	0	7.07004	2	5713	3	5907
6.25500	0	8.66283	2	6.25768	0	8.87042	2	6.29037	0	1.23758	3	5713	3	5908
6.29100	0	1.24519	3	6.33106	0	1.71851	3	6.34818	0	1.87830	3	5713	3	5909
6.36194	0	1.96374	3	6.37252	0	1.99662	3	6.38200	0	1.99934	3	5713	3	5910
6.39148	0	1.97613	3	6.40206	0	1.92043	3	6.41582	0	1.80553	3	5713	3	5911
6.41800	0	1.77774	3	6.45500	0	1.28541	3	6.45725	0	1.25628	3	5713	3	5912
6.48808	0	8.35888	2	6.49100	0	8.06700	2	6.52810	0	4.45331	2	5713	3	5913

6.54500+	0	3.69633+	2	6.58412+	0	1.90091+	2	6.63600+	0	1.27565+	2	5713	3	5914
6.66741+	0	9.30245+	1	6.72052+	0	7.97455+	1	6.72700+	0	7.96741+	1	5713	3	5915
6.77646+	0	8.30257+	1	6.81800+	0	1.05745+	2	6.86416+	0	1.29596+	2	5713	3	5916
6.92315+	0	2.45944+	2	6.96529+	0	4.13856+	2	6.98200+	0	5.01240+	2	5713	3	5917
6.99776+	0	5.82192+	2	7.04138+	0	7.85638+	2	7.05587+	0	8.26807+	2	5713	3	5918
7.06702+	0	8.44822+	2	7.07700+	0	8.49904+	2	7.08698+	0	8.44270+	2	5713	3	5919
7.09813+	0	8.25639+	2	7.11262+	0	7.83661+	2	7.15624+	0	5.77697+	2	5713	3	5920
7.18200+	0	4.43781+	2	7.18871+	0	4.07335+	2	7.23085+	0	2.30559+	2	5713	3	5921
7.28984+	0	1.00897+	2	7.29100+	0	9.99897+	1	7.37754+	0	5.19904+	1	5713	3	5922
7.51588+	0	3.72939+	1	7.74821+	0	3.82030+	1	7.81800+	0	4.18731+	1	5713	3	5923
7.84976+	0	4.45503+	1	7.97215+	0	5.97589+	1	8.00000+	0	6.78551+	1	5713	3	5924
8.18100+	0	1.17740+	2	8.25212+	0	1.39189+	2	8.36300+	0	2.54045+	2	5713	3	5925
8.41882+	0	3.18631+	2	8.45300+	0	4.49499+	2	8.52451+	0	7.11944+	2	5713	3	5926
8.59560+	0	1.46820+	3	8.64639+	0	2.47311+	3	8.68551+	0	3.46204+	3	5713	3	5927
8.73808+	0	4.65544+	3	8.75554+	0	4.89751+	3	8.76897+	0	5.00461+	3	5713	3	5928
8.78100+	0	5.03659+	3	8.79303+	0	5.00658+	3	8.80646+	0	4.90171+	3	5713	3	5929
8.82392+	0	4.66261+	3	8.87649+	0	3.47912+	3	8.91561+	0	2.49947+	3	5713	3	5930
8.92500+	0	2.31699+	3	8.96640+	0	1.59013+	3	9.01500+	0	1.19796+	3	5713	3	5931
9.03749+	0	9.89631+	2	9.03990+	0	9.78192+	2	9.04219+	0	9.67831+	2	5713	3	5932
9.05200+	0	9.50360+	2	9.10600+	0	8.16802+	2	9.10977+	0	8.01930+	2	5713	3	5933
9.15804+	0	7.73509+	2	9.17900+	0	7.89846+	2	9.19523+	0	8.02449+	2	5713	3	5934
9.23300+	0	8.29594+	2	9.24520+	0	8.54154+	2	9.26180+	0	8.70677+	2	5713	3	5935
9.27456+	0	8.74279+	2	9.28600+	0	8.70070+	2	9.29744+	0	8.58610+	2	5713	3	5936
9.30600+	0	8.44387+	2	9.31020+	0	8.37865+	2	9.32680+	0	7.99880+	2	5713	3	5937
9.36000+	0	6.86310+	2	9.37677+	0	6.47205+	2	9.41396+	0	5.47463+	2	5713	3	5938
9.42072+	0	5.31246+	2	9.43200+	0	5.06896+	2	9.43624+	0	4.96018+	2	5713	3	5939
9.45100+	0	4.76960+	2	9.50500+	0	3.68152+	2	9.52162+	0	3.31877+	2	5713	3	5940
9.54100+	0	3.21996+	2	9.63634+	0	2.65925+	2	9.67444+	0	2.56931+	2	5713	3	5941
9.70374+	0	2.47776+	2	9.70400+	0	2.47666+	2	9.73000+	0	2.38575+	2	5713	3	5942
9.75626+	0	2.25927+	2	9.75900+	0	2.24245+	2	9.78556+	0	2.15371+	2	5713	3	5943
9.82366+	0	1.98410+	2	9.93838+	0	1.57632+	2	9.99500+	0	1.75753+	2	5713	3	5944
1.00238+	1	1.85013+	2	1.00390+	1	1.97363+	2	1.00460+	1	2.03644+	2	5713	3	5945
1.00850+	1	2.43585+	2	1.00850+	1	2.43620+	2	1.01373+	1	2.97028+	2	5713	3	5946
1.01547+	1	3.08172+	2	1.01680+	1	3.13306+	2	1.01760+	1	3.14512+	2	5713	3	5947
1.01800+	1	3.14802+	2	1.01920+	1	3.12990+	2	1.02053+	1	3.07776+	2	5713	3	5948
1.02227+	1	2.96506+	2	1.02519+	1	2.68563+	2	1.02670+	1	2.57999+	2	5713	3	5949
1.03390+	1	2.28237+	2	1.04300+	1	1.67134+	2	1.04745+	1	1.31513+	2	5713	3	5950
1.06069+	1	1.18125+	2	1.06290+	1	1.16856+	2	1.07087+	1	1.21206+	2	5713	3	5951
1.07200+	1	1.21489+	2	1.08000+	1	1.25220+	2	1.08110+	1	1.25251+	2	5713	3	5952
1.08913+	1	1.22001+	2	1.09370+	1	1.18487+	2	1.09920+	1	1.19153+	2	5713	3	5953
1.09931+	1	1.19179+	2	1.11255+	1	1.21722+	2	1.12640+	1	3.52684+	2	5713	3	5954
1.14090+	1	5.84146+	2	1.14450+	1	6.42551+	2	1.14810+	1	6.98823+	2	5713	3	5955
1.15242+	1	7.48746+	2	1.15540+	1	1.00530+	3	1.15593+	1	1.05349+	3	5713	3	5956
1.15643+	1	1.10077+	3	1.16203+	1	1.58402+	3	1.16389+	1	1.68458+	3	5713	3	5957
1.16532+	1	1.72929+	3	1.16660+	1	1.74266+	3	1.16788+	1	1.73010+	3	5713	3	5958
1.16931+	1	1.68630+	3	1.17117+	1	1.58695+	3	1.17677+	1	1.10772+	3	5713	3	5959
1.18094+	1	7.33282+	2	1.18620+	1	4.02470+	2	1.18635+	1	3.93800+	2	5713	3	5960
1.18980+	1	3.27910+	2	1.19393+	1	2.33045+	2	1.20000+	1	2.36801+	2	5713	3	5961
1.20255+	1	2.38586+	2	1.20910+	1	3.57530+	2	1.21143+	1	4.06320+	2	5713	3	5962
1.21450+	1	6.10930+	2	1.21924+	1	8.92642+	2	1.22000+	1	9.94330+	2	5713	3	5963
1.22482+	1	1.61968+	3	1.22911+	1	2.39366+	3	1.23489+	1	3.36087+	3	5713	3	5964
1.23500+	1	3.37241+	3	1.23680+	1	3.56606+	3	1.23828+	1	3.65715+	3	5713	3	5965
1.23960+	1	3.68400+	3	1.24092+	1	3.65773+	3	1.24240+	1	3.56729+	3	5713	3	5966
1.24431+	1	3.36234+	3	1.24900+	1	2.55340+	3	1.24910+	1	2.53618+	3	5713	3	5967
1.25009+	1	2.36573+	3	1.25438+	1	1.57122+	3	1.25440+	1	1.56910+	3	5713	3	5968
1.25996+	1	8.24159+	2	1.26264+	1	6.03257+	2	1.26536+	1	4.53662+	2	5713	3	5969
1.27104+	1	3.06511+	2	1.27542+	1	2.75523+	2	1.28130+	1	2.70808+	2	5713	3	5970
1.28325+	1	2.70661+	2	1.28475+	1	2.69371+	2	1.28610+	1	2.67089+	2	5713	3	5971
1.28745+	1	2.63632+	2	1.28895+	1	2.58388+	2	1.29090+	1	2.49512+	2	5713	3	5972
1.29678+	1	2.14606+	2	1.30116+	1	1.90272+	2	1.30583+	1	1.75035+	2	5713	3	5973
1.31097+	1	1.74721+	2	1.31577+	1	1.87218+	2	1.32223+	1	2.10906+	2	5713	3	5974
1.32437+	1	2.17506+	2	1.32602+	1	2.21498+	2	1.32750+	1	2.24228+	2	5713	3	5975
1.32898+	1	2.26079+	2	1.33063+	1	2.27187+	2	1.33277+	1	2.27258+	2	5713	3	5976
1.33923+	1	2.23878+	2	1.34403+	1	2.26568+	2	1.34941+	1	2.44081+	2	5713	3	5977
1.35446+	1	2.78102+	2	1.35897+	1	3.21705+	2	1.36504+	1	3.91742+	2	5713	3	5978
1.36706+	1	4.15729+	2	1.36861+	1	4.33966+	2	1.37000+	1	4.50038+	2	5713	3	5979
1.37139+	1	4.65825+	2	1.37294+	1	4.83131+	2	1.37496+	1	5.05401+	2	5713	3	5980
1.37660+	1	5.22612+	2	1.38232+	1	5.79977+	2	1.38935+	1	6.42490+	2	5713	3	5981
1.39475+	1	6.74447+	2	1.39960+	1	6.81295+	2	1.40445+	1	6.62965+	2	5713	3	5982
1.40850+	1	6.26959+	2	1.40985+	1	6.16465+	2	1.41688+	1	5.35017+	2	5713	3	5983
1.42670+	1	4.68083+	2	1.43570+	1	4.17002+	2	1.43806+	1	3.98278+	2	5713	3	5984

1.44120*	1	4.12241*	2	1.44190*	1	4.13967*	2	1.44304*	1	4.18780*	2	5713	3	5985
1.44480*	1	4.25756*	2	1.44929*	1	4.32856*	2	1.45137*	1	4.28919*	2	5713	3	5986
1.45297*	1	4.21436*	2	1.45440*	1	4.11003*	2	1.45583*	1	3.96910*	2	5713	3	5987
1.45743*	1	3.76956*	2	1.45951*	1	3.45002*	2	1.46110*	1	3.14163*	2	5713	3	5988
1.46470*	1	2.62152*	2	1.46576*	1	2.47968*	2	1.47041*	1	1.85336*	2	5713	3	5989
1.47370*	1	1.54721*	2	1.47646*	1	1.28381*	2	1.48491*	1	9.54610*	1	5713	3	5990
1.49010*	1	9.49142*	1	1.49688*	1	8.31963*	1	1.50000*	1	8.62392*	1	5713	3	5991
1.50910*	1	1.02822*	2	1.50920*	1	1.02970*	2	1.51790*	1	1.71911*	2	5713	3	5992
1.51820*	1	1.77104*	2	1.52412*	1	2.74853*	2	1.52730*	1	3.47118*	2	5713	3	5993
1.52891*	1	3.84556*	2	1.53535*	1	5.23126*	2	1.53640*	1	5.37077*	2	5713	3	5994
1.53748*	1	5.51398*	2	1.53913*	1	5.63776*	2	1.54060*	1	5.67248*	2	5713	3	5995
1.54207*	1	5.63333*	2	1.54372*	1	5.50464*	2	1.54550*	1	5.26359*	2	5713	3	5996
1.54585*	1	5.21157*	2	1.55229*	1	3.73482*	2	1.55450*	1	3.19073*	2	5713	3	5997
1.55708*	1	2.56310*	2	1.56330*	1	1.44640*	2	1.56360*	1	1.42277*	2	5713	3	5998
1.57200*	1	8.80742*	1	1.57270*	1	8.77263*	1	1.57433*	1	8.73175*	1	5713	3	5999
1.57671*	1	9.22687*	1	1.58180*	1	1.40351*	2	1.58560*	1	1.74701*	2	5713	3	6000
1.59090*	1	3.00180*	2	1.59196*	1	3.24890*	2	1.59685*	1	4.90066*	2	5713	3	6001
1.60000*	1	5.92254*	2	1.60343*	1	7.03364*	2	1.60561*	1	7.48085*	2	5713	3	6002
1.60729*	1	7.68156*	2	1.60880*	1	7.74403*	2	1.60910*	1	7.73376*	2	5713	3	6003
1.61031*	1	7.69250*	2	1.61199*	1	7.50422*	2	1.61417*	1	7.07392*	2	5713	3	6004
1.61820*	1	5.80699*	2	1.62075*	1	4.94928*	2	1.62564*	1	3.26618*	2	5713	3	6005
1.62730*	1	2.88767*	2	1.63200*	1	1.83455*	2	1.63640*	1	1.47962*	2	5713	3	6006
1.63749*	1	1.41159*	2	1.64309*	1	1.69221*	2	1.64360*	1	1.76590*	2	5713	3	6007
1.64910*	1	2.54591*	2	1.64956*	1	2.61809*	2	1.65450*	1	3.66028*	2	5713	3	6008
1.65454*	1	3.66942*	2	1.66123*	1	5.07480*	2	1.66346*	1	5.38488*	2	5713	3	6009
1.66360*	1	5.39814*	2	1.66517*	1	5.49126*	2	1.66670*	1	5.51851*	2	5713	3	6010
1.66823*	1	5.48405*	2	1.66994*	1	5.37432*	2	1.67217*	1	5.12836*	2	5713	3	6011
1.67270*	1	5.73088*	2	1.67886*	1	3.97656*	2	1.68180*	1	3.39992*	2	5713	3	6012
1.68384*	1	3.01650*	2	1.69031*	1	2.06877*	2	1.69090*	1	2.02711*	2	5713	3	6013
1.69450*	1	1.72783*	2	1.69936*	1	1.24301*	2	1.70000*	1	1.21882*	2	5713	3	6014
1.70910*	1	9.20738*	1	1.71282*	1	7.77134*	1	1.71810*	1	7.03939*	1	5713	3	6015
1.72730*	1	6.16185*	1	1.73405*	1	5.51896*	1	1.73457*	1	5.49889*	1	5713	3	6016
1.73511*	1	5.47922*	1	1.73640*	1	5.51745*	1	1.74550*	1	6.29520*	1	5713	3	6017
1.75450*	1	6.55535*	1	1.75720*	1	6.74933*	1	1.76360*	1	9.15309*	1	5713	3	6018
1.77121*	1	1.18974*	2	1.77270*	1	1.34914*	2	1.78063*	1	2.18398*	2	5713	3	6019
1.78180*	1	2.40217*	2	1.78736*	1	3.91922*	2	1.79090*	1	4.32835*	2	5713	3	6020
1.79254*	1	4.71228*	2	1.79951*	1	6.11972*	2	1.80183*	1	6.40400*	2	5713	3	6021
1.80361*	1	6.53333*	2	1.80520*	1	6.57768*	2	1.80679*	1	6.55295*	2	5713	3	6022
1.80857*	1	6.44557*	2	1.80910*	1	6.38744*	2	1.81089*	1	6.18492*	2	5713	3	6023
1.81786*	1	4.84579*	2	1.81820*	1	4.76904*	2	1.82304*	1	3.68862*	2	5713	3	6024
1.82730*	1	2.91288*	2	1.82977*	1	2.53229*	2	1.83640*	1	2.06043*	2	5713	3	6025
1.83919*	1	1.79902*	2	1.84550*	1	1.65231*	2	1.85004*	1	1.51425*	2	5713	3	6026
1.85450*	1	1.55352*	2	1.86116*	1	1.59395*	2	1.86360*	1	1.70465*	2	5713	3	6027
1.87082*	1	1.98948*	2	1.87270*	1	2.05911*	2	1.87772*	1	2.62620*	2	5713	3	6028
1.88180*	1	3.22998*	2	1.88303*	1	3.41703*	2	1.89017*	1	5.00879*	2	5713	3	6029
1.89090*	1	5.23546*	2	1.89254*	1	5.73624*	2	1.89437*	1	6.40413*	2	5713	3	6030
1.89600*	1	7.10901*	2	1.89763*	1	7.93864*	2	1.89946*	1	9.04417*	2	5713	3	6031
1.90000*	1	9.45128*	2	1.90183*	1	1.08424*	3	1.90897*	1	1.93385*	3	5713	3	6032
1.91278*	1	2.58798*	3	1.91662*	1	3.33849*	3	1.92382*	1	4.61062*	3	5713	3	6033
1.92621*	1	4.86947*	3	1.92805*	1	4.98249*	3	1.92970*	1	5.01375*	3	5713	3	6034
1.93135*	1	4.97704*	3	1.93319*	1	4.85773*	3	1.93558*	1	4.59000*	3	5713	3	6035
1.93810*	1	4.13286*	3	1.94278*	1	3.30042*	3	1.94360*	1	3.14168*	3	5713	3	6036
1.94550*	1	2.79581*	3	1.94815*	1	2.30894*	3	1.94910*	1	2.18027*	3	5713	3	6037
1.95090*	1	1.93207*	3	1.95270*	1	1.66726*	3	1.95450*	1	1.39007*	3	5713	3	6038
1.95510*	1	1.29678*	3	1.96180*	1	7.63034*	2	1.96411*	1	5.83193*	2	5713	3	6039
1.96720*	1	5.74897*	2	1.97270*	1	3.70107*	2	1.97690*	1	2.70880*	2	5713	3	6040
1.98180*	1	2.38468*	2	1.98679*	1	2.06875*	2	1.99090*	1	2.00152*	2	5713	3	6041
1.99441*	1	1.93977*	2	2.00000*	1	1.95228*	2	2.00464*	1	2.00045*	2	5713	3	6042
2.00804*	1	2.03083*	2	2.00910*	1	2.03405*	2	2.01066*	1	2.04568*	2	5713	3	6043
2.01300*	1	2.04682*	2	2.01534*	1	2.03161*	2	2.01707*	1	2.01016*	2	5713	3	6044
2.01831*	1	1.98986*	2	2.02000*	1	1.95683*	2	2.02149*	1	1.91913*	2	5713	3	6045
2.02357*	1	1.87428*	2	2.02602*	1	1.81757*	2	2.02730*	1	1.80567*	2	5713	3	6046
2.03339*	1	1.76625*	2	2.03640*	1	1.86067*	2	2.03887*	1	1.91648*	2	5713	3	6047
2.04040*	1	1.99162*	2	2.04194*	1	2.08526*	2	2.04550*	1	2.37762*	2	5713	3	6048
2.04748*	1	2.52230*	2	2.05450*	1	3.09148*	2	2.05492*	1	3.13307*	2	5713	3	6049
2.05739*	1	3.31548*	2	2.05820*	1	3.35978*	2	2.05930*	1	3.44702*	2	5713	3	6050
2.06100*	1	3.55492*	2	2.06270*	1	3.63792*	2	2.06360*	1	3.67047*	2	5713	3	6051
2.06461*	1	3.71119*	2	2.06708*	1	3.79112*	2	2.06730*	1	3.80526*	2	5713	3	6052
2.07270*	1	4.18026*	2	2.07452*	1	4.28316*	2	2.07640*	1	4.67694*	2	5713	3	6053
2.08006*	1	5.41064*	2	2.08180*	1	6.10113*	2	2.08397*	1	6.93320*	2	5713	3	6054
2.08792*	1	9.18872*	2	2.09090*	1	1.14131*	3	2.09353*	1	1.33343*	3	5713	3	6055

2.10000+	1	1.79060+	3	2.10105+	1	1.86162+	3	2.10355+	1	1.96195+	3	5713	3	6056
2.10360+	1	1.96290+	3	2.10548+	1	2.00296+	3	2.10720+	1	2.00908+	3	5713	3	6057
2.10892+	1	1.98538+	3	2.10910+	1	1.97978+	3	2.11085+	1	1.91765+	3	5713	3	6058
2.11270+	1	1.81523+	3	2.11335+	1	1.78394+	3	2.11820+	1	1.41260+	3	5713	3	6059
2.12087+	1	1.21774+	3	2.12190+	1	1.14586+	3	2.12640+	1	8.06105+	2	5713	3	6060
2.12648+	1	8.00229+	2	2.13375+	1	3.96606+	2	2.13640+	1	3.33717+	2	5713	3	6061
2.14000+	1	2.39081+	2	2.14393+	1	1.39666+	2	2.14550+	1	1.30714+	2	5713	3	6062
2.15450+	1	7.34761+	1	2.15906+	1	4.57573+	1	2.17270+	1	2.92473+	1	5713	3	6063
2.18293+	1	2.17995+	1	2.19090+	1	2.21630+	1	2.19857+	1	2.18637+	1	5713	3	6064
2.20910+	1	2.41137+	1	2.21488+	1	2.61701+	1	2.22730+	1	3.50963+	1	5713	3	6065
2.23979+	1	4.51523+	1	2.24550+	1	5.81125+	1	2.25558+	1	8.13995+	1	5713	3	6066
2.26360+	1	1.43550+	2	2.26620+	1	1.63214+	2	2.27379+	1	2.87054+	2	5713	3	6067
2.27963+	1	4.18820+	2	2.28180+	1	4.65624+	2	2.28749+	1	5.85188+	2	5713	3	6068
2.29010+	1	6.21152+	2	2.29210+	1	6.38652+	2	2.29390+	1	6.46114+	2	5713	3	6069
2.29570+	1	6.45721+	2	2.29770+	1	6.36490+	2	2.30000+	1	6.15461+	2	5713	3	6070
2.30031+	1	6.12997+	2	2.30817+	1	5.15869+	2	2.31150+	1	4.96050+	2	5713	3	6071
2.31401+	1	4.77889+	2	2.31743+	1	4.93784+	2	2.32088+	1	5.47482+	2	5713	3	6072
2.32300+	1	6.09747+	2	2.32679+	1	7.19596+	2	2.33472+	1	1.02983+	3	5713	3	6073
2.33736+	1	1.12399+	3	2.33938+	1	1.18608+	3	2.34120+	1	1.23215+	3	5713	3	6074
2.34302+	1	1.26814+	3	2.34504+	1	1.29589+	3	2.34600+	1	1.30198+	3	5713	3	6075
2.34768+	1	1.31333+	3	2.35100+	1	1.30738+	3	2.35504+	1	1.26586+	3	5713	3	6076
2.35824+	1	1.21291+	3	2.36070+	1	1.16315+	3	2.36290+	1	1.11315+	3	5713	3	6077
2.36510+	1	1.05876+	3	2.36756+	1	9.93652+	2	2.36900+	1	9.53110+	2	5713	3	6078
2.37076+	1	9.04036+	2	2.38039+	1	6.25496+	2	2.38740+	1	4.57331+	2	5713	3	6079
2.38756+	1	4.53127+	2	2.39641+	1	3.16119+	2	2.40110+	1	3.04565+	2	5713	3	6080
2.40382+	1	3.04410+	2	2.40983+	1	3.60165+	2	2.41030+	1	3.66479+	2	5713	3	6081
2.41791+	1	4.83423+	2	2.42059+	1	5.20165+	2	2.42265+	1	5.43436+	2	5713	3	6082
2.42450+	1	5.59567+	2	2.42635+	1	5.70633+	2	2.42841+	1	5.76597+	2	5713	3	6083
2.43074+	1	5.75145+	2	2.43308+	1	5.65416+	2	2.43515+	1	5.50695+	2	5713	3	6084
2.43700+	1	5.33451+	2	2.43790+	1	5.23624+	2	2.43885+	1	5.13332+	2	5713	3	6085
2.44092+	1	4.88540+	2	2.44361+	1	4.54369+	2	2.45170+	1	3.59994+	2	5713	3	6086
2.45214+	1	3.55840+	2	2.45412+	1	3.38896+	2	2.46090+	1	3.50759+	2	5713	3	6087
2.48390+	1	3.15770+	2	2.49039+	1	3.03467+	2	2.50243+	1	3.43626+	2	5713	3	6088
2.50690+	1	3.59768+	2	2.51170+	1	3.84373+	2	2.51610+	1	4.07701+	2	5713	3	6089
2.52000+	1	4.31387+	2	2.52830+	1	4.85691+	2	2.53450+	1	5.29630+	2	5713	3	6090
2.53757+	1	5.47269+	2	2.54684+	1	5.93153+	2	2.55104+	1	6.03925+	2	5713	3	6091
2.55290+	1	6.04158+	2	2.55524+	1	6.06127+	2	2.55750+	1	6.01706+	2	5713	3	6092
2.55900+	1	5.99020+	2	2.56276+	1	5.82154+	2	2.56696+	1	5.52338+	2	5713	3	6093
2.57130+	1	5.11076+	2	2.57242+	1	4.98035+	2	2.58510+	1	3.39259+	2	5713	3	6094
2.58886+	1	2.89956+	2	2.60110+	1	1.83145+	2	2.60340+	1	1.79442+	2	5713	3	6095
2.61260+	1	1.85373+	2	2.61698+	1	1.99206+	2	2.61781+	1	2.06135+	2	5713	3	6096
2.61824+	1	2.09875+	2	2.62180+	1	2.50693+	2	2.62639+	1	3.02389+	2	5713	3	6097
2.63267+	1	3.93451+	2	2.64111+	1	5.06864+	2	2.64391+	1	5.33043+	2	5713	3	6098
2.64480+	1	5.38906+	2	2.64607+	1	5.44523+	2	2.64800+	1	5.48304+	2	5713	3	6099
2.64993+	1	5.47437+	2	2.65209+	1	5.41058+	2	2.65400+	1	5.29969+	2	5713	3	6100
2.65489+	1	5.24923+	2	2.65949+	1	4.83000+	2	2.66529+	1	4.13427+	2	5713	3	6101
2.66884+	1	3.68765+	2	2.67156+	1	3.35733+	2	2.67400+	1	3.08032+	2	5713	3	6102
2.67644+	1	2.82621+	2	2.67916+	1	2.57319+	2	2.68271+	1	2.29546+	2	5713	3	6103
2.69337+	1	1.80016+	2	2.69671+	1	1.73626+	2	2.69938+	1	1.70799+	2	5713	3	6104
2.70000+	1	1.70645+	2	2.70792+	1	1.69427+	2	2.71076+	1	1.69071+	2	5713	3	6105
2.71294+	1	1.68166+	2	2.71380+	1	1.67544+	2	2.71490+	1	1.66595+	2	5713	3	6106
2.71686+	1	1.64281+	2	2.71904+	1	1.60976+	2	2.72188+	1	1.56024+	2	5713	3	6107
2.73042+	1	1.40090+	2	2.73678+	1	1.38380+	2	2.73680+	1	1.38461+	2	5713	3	6108
2.74140+	1	1.56150+	2	2.74503+	1	1.70121+	2	2.74706+	1	1.86444+	2	5713	3	6109
2.74911+	1	2.07067+	2	2.75746+	1	3.35601+	2	2.75980+	1	3.85266+	2	5713	3	6110
2.76390+	1	4.72260+	2	2.77254+	1	6.42792+	2	2.77541+	1	6.78412+	2	5713	3	6111
2.77762+	1	6.94852+	2	2.77960+	1	7.00603+	2	2.78158+	1	6.97723+	2	5713	3	6112
2.78280+	1	6.90478+	2	2.78379+	1	6.84623+	2	2.78666+	1	6.53518+	2	5713	3	6113
2.79426+	1	5.20414+	2	2.80190+	1	3.76355+	2	2.80479+	1	3.32664+	2	5713	3	6114
2.80570+	1	3.21270+	2	2.80701+	1	3.04843+	2	2.80900+	1	2.84375+	2	5713	3	6115
2.81099+	1	2.68035+	2	2.81321+	1	2.54385+	2	2.81610+	1	2.42962+	2	5713	3	6116
2.82202+	1	2.35699+	2	2.82797+	1	2.37775+	2	2.82870+	1	2.37831+	2	5713	3	6117
2.83087+	1	2.37997+	2	2.83310+	1	2.36759+	2	2.83510+	1	2.34295+	2	5713	3	6118
2.83710+	1	2.30419+	2	2.83933+	1	2.24195+	2	2.84223+	1	2.13995+	2	5713	3	6119
2.84250+	1	2.12717+	2	2.85096+	1	1.73960+	2	2.85170+	1	1.70383+	2	5713	3	6120
2.85299+	1	1.64080+	2	2.85504+	1	1.54465+	2	2.86383+	1	1.20174+	2	5713	3	6121
2.86674+	1	1.11401+	2	2.86899+	1	1.05326+	2	2.87100+	1	1.00253+	2	5713	3	6122
2.87301+	1	9.54498+	1	2.87470+	1	9.15803+	1	2.87526+	1	9.03404+	1	5713	3	6123
2.87817+	1	8.40639+	1	2.88696+	1	6.65697+	1	2.89350+	1	5.57883+	1	5713	3	6124
2.89770+	1	5.11873+	1	2.90199+	1	4.58515+	1	2.91387+	1	3.96142+	1	5713	3	6125

2.91733+	1	3.95645+	1	2.92070+	1	4.04587+	1	4.92084+	1	4.04754+	1	5713	3	6126
2.93291+	1	5.42195+	1	2.94154+	1	8.28660+	1	4.94370+	1	9.35320+	1	5713	3	6127
2.94818+	1	1.15666+	2	2.95711+	1	1.58316+	2	2.96008+	1	1.67123+	2	5713	3	6128
2.96236+	1	1.70926+	2	2.96440+	1	1.71896+	2	2.96644+	1	1.70496+	2	5713	3	6129
2.96670+	1	1.70015+	2	2.96872+	1	1.66713+	2	2.97169+	1	1.58020+	2	5713	3	6130
2.98062+	1	1.15813+	2	2.98726+	1	8.35106+	1	2.98970+	1	7.57223+	1	5713	3	6131
2.99589+	1	5.45208+	1	3.00000+	1	5.02128+	1	3.00796+	1	4.29960+	1	5713	3	6132
3.01133+	1	4.43279+	1	3.01475+	1	4.73751+	1	3.02290+	1	6.59365+	1	5713	3	6133
3.02701+	1	7.49669+	1	3.03578+	1	1.16036+	2	3.04253+	1	1.61417+	2	5713	3	6134
3.04570+	1	1.87821+	2	3.05160+	1	2.37247+	2	3.05461+	1	2.65292+	2	5713	3	6135
3.05692+	1	2.87758+	2	3.05900+	1	3.08558+	2	3.06108+	1	3.29978+	2	5713	3	6136
3.06339+	1	3.54525+	2	3.06660+	1	3.87048+	2	3.06860+	1	4.09849+	2	5713	3	6137
3.07247+	1	4.50046+	2	3.07770+	1	4.89536+	2	3.07856+	1	4.96052+	2	5713	3	6138
3.08159+	1	5.06179+	2	3.08392+	1	5.06391+	2	3.08600+	1	5.00489+	2	5713	3	6139
3.08808+	1	4.88738+	2	3.09041+	1	4.68992+	2	3.09140+	1	4.57588+	2	5713	3	6140
3.09344+	1	4.32828+	2	3.09600+	1	3.91702+	2	3.10255+	1	2.87208+	2	5713	3	6141
3.10933+	1	1.83133+	2	3.10970+	1	1.79266+	2	3.11430+	1	1.32373+	2	5713	3	6142
3.11813+	1	9.51465+	1	3.13045+	1	5.20710+	1	3.13710+	1	5.41225+	1	5713	3	6143
3.14592+	1	5.91516+	1	3.16000+	1	1.17690+	2	3.16169+	1	1.23806+	2	5713	3	6144
3.16910+	1	2.32874+	2	3.17425+	1	3.09228+	2	3.18290+	1	5.92510+	2	5713	3	6145
3.18322+	1	6.02792+	2	3.18740+	1	7.88060+	2	3.19013+	1	9.13067+	2	5713	3	6146
3.19660+	1	1.18972+	3	3.19942+	1	1.30824+	3	3.20250+	1	1.38869+	3	5713	3	6147
3.20487+	1	1.42433+	3	3.20570+	1	1.42843+	3	3.20700+	1	1.43487+	3	5713	3	6148
3.20913+	1	1.42467+	3	3.21150+	1	1.38940+	3	3.21458+	1	1.30944+	3	5713	3	6149
3.21940+	1	1.10761+	3	3.22387+	1	9.20453+	2	3.22860+	1	7.08062+	2	5713	3	6150
3.23078+	1	6.08683+	2	3.23975+	1	3.09397+	2	3.25140+	1	1.29517+	2	5713	3	6151
3.25231+	1	1.16002+	2	3.27098+	1	5.23092+	1	3.27430+	1	4.97806+	1	5713	3	6152
3.27870+	1	4.80525+	1	3.28659+	1	5.02636+	1	3.29710+	1	7.42006+	1	5713	3	6153
3.30568+	1	9.23464+	1	3.31852+	1	2.45805+	2	3.32000+	1	2.89709+	2	5713	3	6154
3.32769+	1	5.19735+	2	3.33475+	1	8.26748+	2	3.34425+	1	1.22781+	3	5713	3	6155
3.34740+	1	1.31325+	3	3.34983+	1	1.35232+	3	3.35200+	1	1.36546+	3	5713	3	6156
3.35417+	1	1.35649+	3	3.35660+	1	1.32210+	3	3.35975+	1	1.24286+	3	5713	3	6157
3.36110+	1	1.18876+	3	3.36925+	1	8.62082+	2	3.37490+	1	6.32358+	2	5713	3	6158
3.37631+	1	5.75028+	2	3.38548+	1	3.40672+	2	3.38860+	1	3.22903+	2	5713	3	6159
3.39423+	1	2.90789+	2	3.40310+	1	4.05861+	2	3.41140+	1	6.81631+	2	5713	3	6160
3.41238+	1	7.14257+	2	3.41954+	1	1.05976+	3	3.42915+	1	1.51206+	3	5713	3	6161
3.43234+	1	1.61341+	3	3.43430+	1	1.65425+	3	3.43480+	1	1.66245+	3	5713	3	6162
3.43700+	1	1.67696+	3	3.43920+	1	1.67081+	3	3.44166+	1	1.64081+	3	5713	3	6163
3.44340+	1	1.60230+	3	3.44485+	1	1.63838+	3	3.44800+	1	1.68298+	3	5713	3	6164
3.45260+	1	1.59850+	3	3.45446+	1	1.55258+	3	3.45710+	1	1.50436+	3	5713	3	6165
3.46092+	1	1.39626+	3	3.46170+	1	1.38784+	3	3.46630+	1	1.28307+	3	5713	3	6166
3.46742+	1	1.26559+	3	3.47090+	1	1.28893+	3	3.47540+	1	1.35051+	3	5713	3	6167
3.47710+	1	1.37626+	3	3.48091+	1	1.46850+	3	3.48278+	1	1.55083+	3	5713	3	6168
3.48460+	1	1.61776+	3	3.48500+	1	1.63422+	3	3.48722+	1	1.73290+	3	5713	3	6169
3.48910+	1	1.82480+	3	3.48969+	1	1.85260+	3	3.49290+	1	2.01699+	3	5713	3	6170
3.50181+	1	2.53541+	3	3.50290+	1	2.59219+	3	3.51076+	1	2.99673+	3	5713	3	6171
3.51399+	1	3.09145+	3	3.51647+	1	3.12393+	3	3.51870+	1	3.11956+	3	5713	3	6172
3.52093+	1	3.08223+	3	3.52150+	1	3.06719+	3	3.52325+	1	3.00846+	3	5713	3	6173
3.52570+	1	2.86785+	3	3.53000+	1	2.62349+	3	3.53675+	1	2.08582+	3	5713	3	6174
3.54428+	1	1.48579+	3	3.54860+	1	1.23005+	3	3.55407+	1	9.05953+	2	5713	3	6175
3.56409+	1	5.71210+	2	3.57140+	1	4.75482+	2	3.58639+	1	2.79279+	2	5713	3	6176
3.59430+	1	2.42336+	2	3.60820+	1	1.77450+	2	3.62497+	1	1.37967+	2	5713	3	6177
3.64000+	1	1.16120+	2	3.65503+	1	1.01272+	2	3.66290+	1	9.58803+	1	5713	3	6178
3.67180+	1	8.72332+	1	3.68570+	1	7.73306+	1	3.69361+	1	7.24946+	1	5713	3	6179
3.69500+	1	7.18257+	1	3.69639+	1	7.11758+	1	3.70860+	1	6.66642+	1	5713	3	6180
3.71820+	1	6.94187+	1	3.73140+	1	7.48304+	1	3.73497+	1	7.54255+	1	5713	3	6181
3.75000+	1	7.91844+	1	3.75430+	1	8.09864+	1	3.76503+	1	8.36392+	1	5713	3	6182
3.77710+	1	9.31440+	1	3.78180+	1	9.64119+	1	3.80000+	1	1.38762+	2	5713	3	6183
3.80361+	1	1.47201+	2	3.81666+	1	1.91615+	2	3.81927+	1	1.98880+	2	5713	3	6184
3.82290+	1	2.06571+	2	3.82363+	1	2.08108+	2	3.82699+	1	2.12080+	2	5713	3	6185
3.83000+	1	2.13076+	2	3.83301+	1	2.11573+	2	3.83637+	1	2.07053+	2	5713	3	6186
3.84073+	1	1.97248+	2	3.84570+	1	1.80712+	2	3.85388+	1	1.52022+	2	5713	3	6187
3.86366+	1	1.20593+	2	3.86860+	1	1.13371+	2	3.87637+	1	1.01630+	2	5713	3	6188
3.89140+	1	1.41226+	2	3.89225+	1	1.43015+	2	3.90469+	1	3.04891+	2	5713	3	6189
3.91430+	1	5.92144+	2	3.91464+	1	6.02480+	2	3.92230+	1	9.31400+	2	5713	3	6190
3.92340+	1	9.76151+	2	3.92800+	1	1.20315+	3	3.93260+	1	1.38624+	3	5713	3	6191
3.93601+	1	1.47077+	3	3.93710+	1	1.48608+	3	3.93864+	1	1.50958+	3	5713	3	6192
3.94100+	1	1.52264+	3	3.94336+	1	1.51362+	3	3.94599+	1	1.47828+	3	5713	3	6193
3.94940+	1	1.39652+	3	3.95090+	1	1.33898+	3	3.95970+	1	1.00120+	3	5713	3	6194
3.96000+	1	9.88961+	2	3.96542+	1	7.68070+	2	3.96910+	1	6.44519+	2	5713	3	6195
3.97118+	1	5.74625+	2	3.98154+	1	3.60755+	2	3.98290+	1	3.44876+	2	5713	3	6196

3.98498+	1	3.20490+	2	3.98743+	1	2.96197+	2	3.99000+	1	2.78049+	2	5713	3	6197
3.99237+	1	2.62390+	2	3.99502+	1	2.47007+	2	3.99660+	1	2.38846+	2	5713	3	6198
3.99846+	1	2.28350+	2	4.00882+	1	1.81273+	2	4.00165+	1	1.61300+	2	5713	3	6199
4.01940+	1	1.59785+	2	4.02167+	1	1.60528+	2	4.02687+	1	1.70918+	2	5713	3	6200
4.03464+	1	1.99041+	2	4.04508+	1	2.41267+	2	4.04854+	1	2.51116+	2	5713	3	6201
4.05121+	1	2.56161+	2	4.05140+	1	2.56353+	2	4.05360+	1	2.60146+	2	5713	3	6202
4.05599+	1	2.62214+	2	4.05866+	1	2.62154+	2	4.06212+	1	2.58658+	2	5713	3	6203
4.06970+	1	2.40802+	2	4.07256+	1	2.34258+	2	4.07430+	1	2.30374+	2	5713	3	6204
4.07890+	1	2.16207+	2	4.08033+	1	2.10849+	2	4.08247+	1	2.04719+	2	5713	3	6205
4.08634+	1	1.96456+	2	4.09710+	1	2.00993+	2	4.10049+	1	2.00740+	2	5713	3	6206
4.11949+	1	2.67859+	2	4.12000+	1	2.70143+	2	4.12580+	1	3.00488+	2	5713	3	6207
4.13065+	1	3.25072+	2	4.13500+	1	3.46123+	2	4.13935+	1	3.66716+	2	5713	3	6208
4.14290+	1	3.84249+	2	4.14420+	1	3.89966+	2	4.15042+	1	4.23115+	2	5713	3	6209
4.15388+	1	4.46925+	2	4.15658+	1	4.68958+	2	4.15660+	1	4.69148+	2	5713	3	6210
4.15900+	1	4.93587+	2	4.16142+	1	5.20955+	2	4.16412+	1	5.54417+	2	5713	3	6211
4.16570+	1	5.75485+	2	4.16763+	1	6.01115+	2	4.17313+	1	6.75136+	2	5713	3	6212
4.17864+	1	7.37583+	2	4.17940+	1	7.43275+	2	4.18216+	1	7.67465+	2	5713	3	6213
4.18487+	1	7.81398+	2	4.18730+	1	7.85829+	2	4.18973+	1	7.82493+	2	5713	3	6214
4.19244+	1	7.69989+	2	4.19596+	1	7.41668+	2	4.19770+	1	7.20504+	2	5713	3	6215
4.20511+	1	6.16087+	2	4.21140+	1	5.26395+	2	4.21430+	1	4.83751+	2	5713	3	6216
4.21784+	1	4.39819+	2	4.22056+	1	4.09450+	2	4.22300+	1	3.84533+	2	5713	3	6217
4.22544+	1	3.61528+	2	4.22816+	1	3.37834+	2	4.22970+	1	3.25638+	2	5713	3	6218
4.23170+	1	3.15067+	2	4.23890+	1	2.90157+	2	4.24236+	1	2.72599+	2	5713	3	6219
4.24594+	1	2.61809+	2	4.24954+	1	2.54803+	2	4.25710+	1	2.50471+	2	5713	3	6220
4.26025+	1	2.43658+	2	4.26381+	1	2.36397+	2	4.26655+	1	2.29522+	2	5713	3	6221
4.26900+	1	2.21941+	2	4.27090+	1	2.14884+	2	4.27145+	1	2.14106+	2	5713	3	6222
4.27419+	1	2.08420+	2	4.27775+	1	1.98458+	2	4.28000+	1	1.90775+	2	5713	3	6223
4.28846+	1	1.72556+	2	4.28910+	1	1.72207+	2	4.29644+	1	1.46104+	2	5713	3	6224
4.30290+	1	1.46307+	2	4.30425+	1	1.46595+	2	4.31214+	1	1.83257+	2	5713	3	6225
4.32018+	1	2.50703+	2	4.32110+	1	2.58959+	2	4.33030+	1	3.47557+	2	5713	3	6226
4.33098+	1	3.53883+	2	4.33457+	1	3.76693+	2	4.33733+	1	3.88045+	2	5713	3	6227
4.33980+	1	3.93154+	2	4.34227+	1	3.93415+	2	4.34503+	1	3.88290+	2	5713	3	6228
4.34860+	1	3.74407+	2	4.34862+	1	3.74346+	2	4.35942+	1	3.18112+	2	5713	3	6229
4.36483+	1	2.95919+	2	4.36690+	1	2.92360+	2	4.37026+	1	2.84159+	2	5713	3	6230
4.38060+	1	2.92455+	2	4.38113+	1	2.93674+	2	4.38474+	1	3.06311+	2	5713	3	6231
4.38751+	1	3.15440+	2	4.39000+	1	3.22240+	2	4.39249+	1	3.27405+	2	5713	3	6232
4.39350+	1	3.28976+	2	4.39451+	1	3.30225+	2	4.39700+	1	3.31905+	2	5713	3	6233
4.39949+	1	3.31691+	2	4.40227+	1	3.29511+	2	4.40340+	1	3.27944+	2	5713	3	6234
4.40588+	1	3.22260+	2	4.41675+	1	2.99509+	2	4.41710+	1	2.99845+	2	5713	3	6235
4.42484+	1	3.01658+	2	4.42839+	1	3.13297+	2	4.43196+	1	3.32013+	2	5713	3	6236
4.44000+	1	3.95066+	2	4.44011+	1	3.95939+	2	4.45106+	1	4.97875+	2	5713	3	6237
4.45470+	1	5.24004+	2	4.45749+	1	5.38967+	2	4.46000+	1	5.47985+	2	5713	3	6238
4.46251+	1	5.52600+	2	4.46290+	1	5.52587+	2	4.46530+	1	5.52900+	2	5713	3	6239
4.46894+	1	5.45500+	2	4.47134+	1	5.36339+	2	4.47635+	1	5.08517+	2	5713	3	6240
4.48394+	1	4.53167+	2	4.48570+	1	4.39453+	2	4.48977+	1	4.08238+	2	5713	3	6241
4.49500+	1	3.69764+	2	4.50023+	1	3.33874+	2	4.50606+	1	2.96872+	2	5713	3	6242
4.50860+	1	2.82151+	2	4.51365+	1	2.51563+	2	4.53140+	1	1.71291+	2	5713	3	6243
4.53649+	1	1.49392+	2	4.55154+	1	1.30218+	2	4.55430+	1	1.31550+	2	5713	3	6244
4.55884+	1	1.33370+	2	4.56994+	1	1.41947+	2	4.57363+	1	1.43198+	2	5713	3	6245
4.57646+	1	1.42961+	2	4.57710+	1	1.42648+	2	4.57900+	1	1.41664+	2	5713	3	6246
4.58154+	1	1.79325+	2	4.58437+	1	1.35528+	2	4.58806+	1	1.28904+	2	5713	3	6247
4.59916+	1	1.02421+	2	4.60000+	1	1.00511+	2	4.60741+	1	8.41828+	1	5713	3	6248
4.61810+	1	7.37186+	1	4.61813+	1	7.36942+	1	4.62873+	1	8.79188+	1	5713	3	6249
4.63630+	1	1.21269+	2	4.63944+	1	1.35746+	2	4.65028+	1	2.34401+	2	5713	3	6250
4.65440+	1	2.90063+	2	4.65863+	1	3.44108+	2	4.66984+	1	5.15467+	2	5713	3	6251
4.67260+	1	5.55893+	2	4.67357+	1	5.70332+	2	4.67643+	1	6.09304+	2	5713	3	6252
4.67900+	1	6.40282+	2	4.68157+	1	6.66664+	2	4.68443+	1	6.89782+	2	5713	3	6253
4.68816+	1	7.08557+	2	4.69004+	1	7.12818+	2	4.69192+	1	7.13457+	2	5713	3	6254
4.69565+	1	7.03909+	2	4.69853+	1	6.87049+	2	4.70110+	1	6.65391+	2	5713	3	6255
4.70367+	1	6.38156+	2	4.70655+	1	6.02114+	2	4.71028+	1	5.48381+	2	5713	3	6256
4.72152+	1	3.69910+	2	4.72700+	1	2.94773+	2	4.72989+	1	2.55939+	2	5713	3	6257
4.74075+	1	1.65552+	2	4.74510+	1	1.53486+	2	4.74881+	1	1.44896+	2	5713	3	6258
4.75695+	1	1.64069+	2	4.76330+	1	2.14251+	2	4.76792+	1	2.44863+	2	5713	3	6259
4.77410+	1	3.25074+	2	4.77637+	1	3.49196+	2	4.78773+	1	4.86009+	2	5713	3	6260
4.78870+	1	4.95776+	2	4.79150+	1	5.26653+	2	4.79440+	1	5.53347+	2	5713	3	6261
4.79590+	1	5.64514+	2	4.79700+	1	5.71764+	2	4.79960+	1	5.84391+	2	5713	3	6262
4.80250+	1	5.92996+	2	4.80627+	1	5.96016+	2	4.80680+	1	5.94854+	2	5713	3	6263
4.81347+	1	5.88257+	2	4.81770+	1	5.72027+	2	4.82070+	1	5.64188+	2	5713	3	6264
4.82448+	1	5.48771+	2	4.82739+	1	5.35048+	2	4.82860+	1	5.28875+	2	5713	3	6265
4.83000+	1	5.20021+	2	4.83261+	1	5.02885+	2	4.83552+	1	4.83496+	2	5713	3	6266
4.83930+	1	4.58946+	2	4.83950+	1	4.58023+	2	4.85070+	1	4.22733+	2	5713	3	6267



4.85400+	1	4.23193+	2	4.85494+	1	4.22358+	2	4.85919+	1	4.27143+	2	5713	3	6268
4.86120+	1	4.33841+	2	4.86850+	1	4.51732+	2	4.87065+	1	4.53516+	2	5713	3	6269
4.87445+	1	4.55476+	2	4.87738+	1	4.53435+	2	4.88000+	1	4.48365+	2	5713	3	6270
4.88262+	1	4.39747+	2	4.88555+	1	4.25905+	2	4.88660+	1	4.19283+	2	5713	3	6271
4.88935+	1	4.06760+	2	4.88999+	1	4.03312+	2	4.89063+	1	3.99730+	2	5713	3	6272
4.89340+	1	3.82781+	2	4.89444+	1	3.77393+	2	4.89737+	1	3.61337+	2	5713	3	6273
4.90000+	1	3.47665+	2	4.90110+	1	3.42682+	2	4.90263+	1	3.38430+	2	5713	3	6274
4.90556+	1	3.33511+	2	4.90937+	1	3.33738+	2	4.91200+	1	3.45788+	2	5713	3	6275
4.91930+	1	3.61945+	2	4.92085+	1	3.63754+	2	4.92086+	1	3.63774+	2	5713	3	6276
4.92086+	1	3.63795+	2	4.93239+	1	4.16361+	2	4.93380+	1	4.20075+	2	5713	3	6277
4.93622+	1	4.30736+	2	4.93916+	1	4.37616+	2	4.94180+	1	4.38445+	2	5713	3	6278
4.94444+	1	4.33936+	2	4.94738+	1	4.22701+	2	4.95121+	1	3.99322+	2	5713	3	6279
4.95560+	1	3.59930+	2	4.96274+	1	2.99013+	2	4.96640+	1	2.71329+	2	5713	3	6280
4.97132+	1	2.27388+	2	4.97618+	1	1.99069+	2	4.97730+	1	1.95658+	2	5713	3	6281
4.98108+	1	1.80933+	2	4.98971+	1	1.78399+	2	4.99550+	1	1.99098+	2	5713	3	6282
5.00132+	1	2.24744+	2	5.00518+	1	2.48770+	2	5.00814+	1	2.68954+	2	5713	3	6283
5.01080+	1	2.88206+	2	5.01346+	1	3.08528+	2	5.01642+	1	3.32441+	2	5713	3	6284
5.01720+	1	3.39073+	2	5.02028+	1	3.65978+	2	5.02867+	1	4.42719+	2	5713	3	6285
5.03709+	1	5.10274+	2	5.04096+	1	5.31558+	2	5.04393+	1	5.41842+	2	5713	3	6286
5.04660+	1	5.46042+	2	5.04927+	1	5.45982+	2	5.05224+	1	5.40023+	2	5713	3	6287
5.05611+	1	5.25007+	2	5.06082+	1	4.99492+	2	5.06651+	1	4.67258+	2	5713	3	6288
5.07118+	1	4.48525+	2	5.07478+	1	4.43799+	2	5.07800+	1	4.49273+	2	5713	3	6289
5.08122+	1	4.65754+	2	5.08482+	1	4.98566+	2	5.08949+	1	5.65450+	2	5713	3	6290
5.10357+	1	9.12907+	2	5.10461+	1	9.43925+	2	5.10547+	1	9.69931+	2	5713	3	6291
5.11721+	1	1.28974+	3	5.12111+	1	1.35957+	3	5.12411+	1	1.39388+	3	5713	3	6292
5.12680+	1	1.40887+	3	5.12949+	1	1.40851+	3	5.13249+	1	1.39065+	3	5713	3	6293
5.13639+	1	1.34219+	3	5.14487+	1	1.16524+	3	5.15338+	1	9.50051+	2	5713	3	6294
5.15729+	1	8.57151+	2	5.16030+	1	7.92417+	2	5.16300+	1	7.40582+	2	5713	3	6295
5.16570+	1	6.95219+	2	5.16871+	1	6.52688+	2	5.17262+	1	6.10551+	2	5713	3	6296
5.18050+	1	5.84620+	2	5.18440+	1	5.71635+	2	5.18852+	1	5.86284+	2	5713	3	6297
5.19395+	1	6.23065+	2	5.20945+	1	7.70831+	2	5.21459+	1	8.06321+	2	5713	3	6298
5.21855+	1	8.20638+	2	5.22210+	1	8.21965+	2	5.22565+	1	8.11739+	2	5713	3	6299
5.22961+	1	7.86919+	2	5.23475+	1	7.35770+	2	5.25025+	1	5.09752+	2	5713	3	6300
5.25310+	1	4.69547+	2	5.26179+	1	3.49807+	2	5.27120+	1	2.64968+	2	5713	3	6301
5.27676+	1	2.13212+	2	5.29072+	1	1.53709+	2	5.30152+	1	1.45169+	2	5713	3	6302
5.31310+	1	1.68874+	2	5.32203+	1	2.04811+	2	5.32560+	1	2.19296+	2	5713	3	6303
5.33401+	1	2.53414+	2	5.33799+	1	2.63219+	2	5.34106+	1	2.67196+	2	5713	3	6304
5.34380+	1	2.67839+	2	5.34654+	1	2.68356+	2	5.34961+	1	2.65699+	2	5713	3	6305
5.35359+	1	2.57696+	2	5.36190+	1	2.28629+	2	5.36557+	1	2.12653+	2	5713	3	6306
5.37450+	1	1.75957+	2	5.37839+	1	1.64539+	2	5.38000+	1	1.61257+	2	5713	3	6307
5.38231+	1	1.54633+	2	5.39128+	1	1.41249+	2	5.40000+	1	1.39698+	2	5713	3	6308
5.40335+	1	1.39804+	2	5.40736+	1	1.40283+	2	5.41044+	1	1.39974+	2	5713	3	6309
5.41320+	1	1.39017+	2	5.41596+	1	1.37351+	2	5.41810+	1	1.35482+	2	5713	3	6310
5.41904+	1	1.35123+	2	5.42305+	1	1.32840+	2	5.43512+	1	1.24209+	2	5713	3	6311
5.43630+	1	1.24836+	2	5.44409+	1	1.28959+	2	5.45440+	1	1.72393+	2	5713	3	6312
5.45575+	1	1.78083+	2	5.45960+	1	2.11971+	2	5.46349+	1	2.58034+	2	5713	3	6313
5.47260+	1	4.30923+	2	5.47524+	1	4.81015+	2	5.48430+	1	7.25499+	2	5713	3	6314
5.49070+	1	8.91605+	2	5.49647+	1	1.04117+	3	5.50051+	1	1.10944+	3	5713	3	6315
5.50362+	1	1.14229+	3	5.50640+	1	1.15535+	3	5.50880+	1	1.15312+	3	5713	3	6316
5.50918+	1	1.15277+	3	5.51229+	1	1.13211+	3	5.51633+	1	1.08047+	3	5713	3	6317
5.52700+	1	8.61909+	2	5.52850+	1	8.31107+	2	5.53756+	1	6.64348+	2	5713	3	6318
5.54506+	1	5.98662+	2	5.54510+	1	5.98746+	2	5.55262+	1	6.12210+	2	5713	3	6319
5.56174+	1	7.15432+	2	5.56330+	1	7.41032+	2	5.57400+	1	9.15067+	2	5713	3	6320
5.57807+	1	9.75086+	2	5.58120+	1	1.01469+	3	5.58140+	1	1.01682+	3	5713	3	6321
5.58400+	1	1.04477+	3	5.58680+	1	1.06913+	3	5.58993+	1	1.08974+	3	5713	3	6322
5.59400+	1	1.10758+	3	5.59549+	1	1.11236+	3	5.59698+	1	1.11650+	3	5713	3	6323
5.59950+	1	1.12287+	3	5.60105+	1	1.12985+	3	5.60419+	1	1.14585+	3	5713	3	6324
5.60700+	1	1.16422+	3	5.60981+	1	1.18847+	3	5.61295+	1	1.22454+	3	5713	3	6325
5.61702+	1	1.28821+	3	5.61770+	1	1.30440+	3	5.62836+	1	1.55868+	3	5713	3	6326
5.62860+	1	1.56484+	3	5.63580+	1	1.71516+	3	5.63974+	1	1.78925+	3	5713	3	6327
5.64310+	1	1.81760+	3	5.64383+	1	1.82735+	3	5.64698+	1	1.84272+	3	5713	3	6328
5.64980+	1	1.83407+	3	5.65262+	1	1.80325+	3	5.65577+	1	1.74311+	3	5713	3	6329
5.65986+	1	1.62793+	3	5.66490+	1	1.42214+	3	5.67219+	1	1.14239+	3	5713	3	6330
5.67940+	1	8.58260+	2	5.68136+	1	7.73312+	2	5.69020+	1	4.97629+	2	5713	3	6331
5.69327+	1	4.03754+	2	5.70994+	1	1.78146+	2	5.71200+	1	1.67075+	2	5713	3	6332
5.71453+	1	1.55045+	2	5.71917+	1	1.43182+	2	5.72650+	1	1.52295+	2	5713	3	6333
5.73603+	1	1.66001+	2	5.74808+	1	2.43094+	2	5.75735+	1	3.36455+	2	5713	3	6334
5.76280+	1	4.05657+	2	5.76982+	1	4.95882+	2	5.77396+	1	5.51472+	2	5713	3	6335
5.77715+	1	5.92848+	2	5.78000+	1	6.27903+	2	5.78100+	1	6.39282+	2	5713	3	6336
5.78285+	1	6.59563+	2	5.78604+	1	6.89942+	2	5.79018+	1	7.20751+	2	5713	3	6337

5.79299+	1	7.34964+	2	5.79580+	1	7.43095+	2	5.79910+	1	7.43108+	2	5713	3	6338
5.79995+	1	7.43611+	2	5.80314+	1	7.35606+	2	5.80600+	1	7.21423+	2	5713	3	6339
5.80886+	1	7.01249+	2	5.81205+	1	6.72825+	2	5.81620+	1	6.29367+	2	5713	3	6340
5.81720+	1	6.18984+	2	5.82870+	1	4.84836+	2	5.83170+	1	4.64665+	2	5713	3	6341
5.83662+	1	4.38859+	2	5.83900+	1	4.39602+	2	5.84458+	1	4.39490+	2	5713	3	6342
5.84990+	1	4.60227+	2	5.85710+	1	4.87655+	2	5.85715+	1	4.87856+	2	5713	3	6343
5.86132+	1	5.00736+	2	5.86453+	1	5.04862+	2	5.86740+	1	5.03424+	2	5713	3	6344
5.86800+	1	5.01979+	2	5.87027+	1	4.95791+	2	5.87348+	1	4.80495+	2	5713	3	6345
5.87765+	1	4.50959+	2	5.88250+	1	4.00364+	2	5.89022+	1	3.26680+	2	5713	3	6346
5.89956+	1	2.33824+	2	5.90070+	1	2.26156+	2	5.91160+	1	1.45648+	2	5713	3	6347
5.91170+	1	1.44889+	2	5.92145+	1	1.07011+	2	5.93129+	1	9.46761+	1	5713	3	6348
5.94354+	1	1.04145+	2	5.94420+	1	1.05575+	2	5.95297+	1	1.24510+	2	5713	3	6349
5.96240+	1	1.54769+	2	5.96565+	1	1.65202+	2	5.96986+	1	1.81657+	2	5713	3	6350
5.97310+	1	1.95281+	2	5.97600+	1	2.08211+	2	5.97890+	1	2.21820+	2	5713	3	6351
5.98050+	1	2.29702+	2	5.98214+	1	2.38013+	2	5.98635+	1	2.60415+	2	5713	3	6352
5.99736+	1	3.20915+	2	6.00884+	1	3.69173+	2	6.01264+	1	3.79272+	2	5713	3	6353
6.01589+	1	3.82783+	2	6.01880+	1	3.82564+	2	6.02171+	1	3.79155+	2	5713	3	6354
6.02496+	1	3.71816+	2	6.02919+	1	3.57359+	2	6.03490+	1	3.30258+	2	5713	3	6355
6.04191+	1	2.97014+	2	6.05116+	1	2.60372+	2	6.06047+	1	2.45535+	2	5713	3	6356
6.07326+	1	2.58002+	2	6.07751+	1	2.65785+	2	6.08077+	1	2.71442+	2	5713	3	6357
6.08370+	1	2.75821+	2	6.08663+	1	2.79193+	2	6.08930+	1	2.81058+	2	5713	3	6358
6.08989+	1	2.81473+	2	6.09414+	1	2.81767+	2	6.09833+	1	2.78935+	2	5713	3	6359
6.10253+	1	2.73047+	2	6.10679+	1	2.64149+	2	6.11007+	1	2.55695+	2	5713	3	6360
6.11300+	1	2.47044+	2	6.11593+	1	2.37620+	2	6.11921+	1	2.26415+	2	5713	3	6361
6.12347+	1	2.11242+	2	6.12560+	1	2.03640+	2	6.12892+	1	1.91791+	2	5713	3	6362
6.13854+	1	1.61051+	2	6.14605+	1	1.42727+	2	6.15183+	1	1.32496+	2	5713	3	6363
6.15700+	1	1.25895+	2	6.16190+	1	1.21443+	2	6.16217+	1	1.21196+	2	5713	3	6364
6.16795+	1	1.17588+	2	6.17350+	1	1.15085+	2	6.17905+	1	1.13191+	2	5713	3	6365
6.18483+	1	1.11526+	2	6.19000+	1	1.10230+	2	6.19517+	1	1.09146+	2	5713	3	6366
6.20095+	1	1.08262+	2	6.20846+	1	1.07709+	2	6.21676+	1	1.07828+	2	5713	3	6367
6.21810+	1	1.07881+	2	6.22398+	1	1.08111+	2	6.22900+	1	1.08055+	2	5713	3	6368
6.23050+	1	1.08037+	2	6.23551+	1	1.07548+	2	6.24000+	1	1.06629+	2	5713	3	6369
6.24449+	1	1.05304+	2	6.24950+	1	1.03460+	2	6.25440+	1	1.01472+	2	5713	3	6370
6.25602+	1	1.00816+	2	6.27260+	1	9.84406+	1	6.27565+	1	9.80035+	1	5713	3	6371
6.27727+	1	9.84758+	1	6.27835+	1	9.88643+	1	6.29137+	1	1.08295+	2	5713	3	6372
6.29570+	1	1.13025+	2	6.29902+	1	1.17305+	2	6.30200+	1	1.21495+	2	5713	3	6373
6.30498+	1	1.25996+	2	6.30930+	1	1.31361+	2	6.31263+	1	1.38829+	2	5713	3	6374
6.31698+	1	1.46854+	2	6.32135+	1	1.55353+	2	6.32568+	1	1.64086+	2	5713	3	6375
6.32901+	1	1.70951+	2	6.33200+	1	1.77140+	2	6.33499+	1	1.83295+	2	5713	3	6376
6.33832+	1	1.90089+	2	6.34265+	1	1.98486+	2	6.34421+	1	2.01354+	2	5713	3	6377
6.34738+	1	2.06846+	2	6.35617+	1	2.19052+	2	6.36294+	1	2.24798+	2	5713	3	6378
6.36900+	1	2.27476+	2	6.37410+	1	2.28737+	2	6.37506+	1	2.28975+	2	5713	3	6379
6.38183+	1	2.31770+	2	6.39062+	1	2.42985+	2	6.39230+	1	2.49247+	2	5713	3	6380
6.40320+	1	2.89870+	2	6.40976+	1	3.14320+	2	6.41410+	1	3.32012+	2	5713	3	6381
6.41926+	1	3.53067+	2	6.42363+	1	3.62540+	2	6.42490+	1	3.63201+	2	5713	3	6382
6.42699+	1	3.64291+	2	6.43000+	1	3.61230+	2	6.43220+	1	3.55675+	2	5713	3	6383
6.43301+	1	3.53631+	2	6.43647+	1	3.39938+	2	6.44074+	1	3.14803+	2	5713	3	6384
6.44310+	1	2.96065+	2	6.45389+	1	2.10605+	2	6.45400+	1	2.09721+	2	5713	3	6385
6.46367+	1	1.35382+	2	6.46490+	1	1.29094+	2	6.47210+	1	9.22477+	1	5713	3	6386
6.47637+	1	7.03750+	1	6.49020+	1	4.24702+	1	6.49416+	1	3.44843+	1	5713	3	6387
6.50457+	1	2.83952+	1	6.51510+	1	2.72619+	1	6.52650+	1	3.37112+	1	5713	3	6388
6.53309+	1	3.74385+	1	6.54470+	1	5.72488+	1	6.54594+	1	5.93626+	1	5713	3	6389
6.55584+	1	8.45631+	1	6.56280+	1	1.02250+	2	6.56914+	1	1.18358+	2	5713	3	6390
6.57356+	1	1.26150+	2	6.57696+	1	1.30264+	2	6.57730+	1	1.30511+	2	5713	3	6391
6.58000+	1	1.32460+	2	6.58304+	1	1.33274+	2	6.58644+	1	1.32710+	2	5713	3	6392
6.58820+	1	1.31697+	2	6.59086+	1	1.30164+	2	6.59910+	1	1.23745+	2	5713	3	6393
6.60416+	1	1.19802+	2	6.61000+	1	1.18819+	2	6.61003+	1	1.18814+	2	5713	3	6394
6.61593+	1	1.21540+	2	6.61720+	1	1.22828+	2	6.62929+	1	1.35068+	2	5713	3	6395
6.63373+	1	1.38155+	2	6.63540+	1	1.38519+	2	6.63714+	1	1.38899+	2	5713	3	6396
6.64020+	1	1.38065+	2	6.64326+	1	1.35679+	2	6.64630+	1	1.31657+	2	5713	3	6397
6.64667+	1	1.31166+	2	6.65111+	1	1.22608+	2	6.65710+	1	1.06101+	2	5713	3	6398
6.66447+	1	8.57890+	1	6.67442+	1	5.90287+	1	6.68232+	1	4.39331+	1	5713	3	6399
6.68250+	1	4.37348+	1	6.69027+	1	3.52879+	1	6.70027+	1	3.20020+	1	5713	3	6400
6.71372+	1	3.39576+	1	6.71819+	1	3.46551+	1	6.72162+	1	3.49034+	1	5713	3	6401
6.72470+	1	3.48459+	1	6.72778+	1	3.44497+	1	6.73121+	1	3.37594+	1	5713	3	6402
6.73568+	1	3.22729+	1	6.74913+	1	2.58289+	1	6.75913+	1	2.11489+	1	5713	3	6403
6.76240+	1	2.02601+	1	6.77212+	1	1.76132+	1	6.78050+	1	1.74202+	1	5713	3	6404
6.78409+	1	1.73375+	1	6.79616+	1	1.98892+	1	6.80926+	1	2.62647+	1	5713	3	6405
6.81680+	1	3.19539+	1	6.81936+	1	3.38845+	1	6.83292+	1	4.62087+	1	5713	3	6406
6.83743+	1	5.01144+	1	6.84090+	1	5.29508+	1	6.84400+	1	5.51686+	1	5713	3	6407

6.84710+	1	5.71131+	1	6.84850+	1	5.78949+	1	6.84989+	1	5.86222+	1	5713	3	6408
6.85300+	1	6.00594+	1	6.85611+	1	6.12886+	1	6.85957+	1	6.25156+	1	5713	3	6409
6.86408+	1	6.41384+	1	6.87746+	1	7.37993+	1	6.88776+	1	9.16043+	1	5713	3	6410
6.89104+	1	1.00012+	2	6.89435+	1	1.09733+	2	6.90450+	1	1.45541+	2	5713	3	6411
6.91816+	1	1.92452+	2	6.92269+	1	2.02776+	2	6.92618+	1	2.07844+	2	5713	3	6412
6.92930+	1	2.10040+	2	6.93242+	1	2.09965+	2	6.93591+	1	2.07281+	2	5713	3	6413
6.94000+	1	2.00824+	2	6.94044+	1	2.00559+	2	6.95410+	1	1.78270+	2	5713	3	6414
6.96190+	1	1.67663+	2	6.96425+	1	1.63177+	2	6.97744+	1	1.68159+	2	5713	3	6415
6.98000+	1	1.77476+	2	6.98463+	1	1.92378+	2	6.99187+	1	2.37672+	2	5713	3	6416
7.00000+	1	3.29977+	2	7.00517+	1	3.80126+	2	7.01541+	1	5.35187+	2	5713	3	6417
7.01810+	1	5.80756+	2	7.02917+	1	7.84555+	2	7.03374+	1	8.58556+	2	5713	3	6418
7.03630+	1	8.94484+	2	7.03725+	1	9.07810+	2	7.04040+	1	9.45049+	2	5713	3	6419
7.04355+	1	9.75041+	2	7.04706+	1	9.99425+	2	7.05163+	1	1.01639+	3	5713	3	6420
7.05440+	1	1.15156+	3	7.05768+	1	1.01358+	3	7.06374+	1	9.83942+	2	5713	3	6421
7.06832+	1	9.45791+	2	7.07184+	1	9.08330+	2	7.07260+	1	8.99003+	2	5713	3	6422
7.07500+	1	8.70063+	2	7.07816+	1	8.27695+	2	7.08168+	1	7.76240+	2	5713	3	6423
7.08626+	1	7.04511+	2	7.09070+	1	6.32587+	2	7.10005+	1	4.83177+	2	5713	3	6424
7.10880+	1	3.63807+	2	7.11032+	1	3.42956+	2	7.11787+	1	2.65176+	2	5713	3	6425
7.12547+	1	2.11167+	2	7.12700+	1	2.05235+	2	7.13579+	1	1.69557+	2	5713	3	6426
7.14967+	1	1.52172+	2	7.15428+	1	1.50834+	2	7.15600+	1	1.50632+	2	5713	3	6427
7.15782+	1	1.48946+	2	7.16100+	1	1.46339+	2	7.16418+	1	1.44070+	2	5713	3	6428
7.16772+	1	1.41900+	2	7.17233+	1	1.40935+	2	7.18140+	1	1.54216+	2	5713	3	6429
7.18621+	1	1.61981+	2	7.19230+	1	1.96784+	2	7.19653+	1	2.24224+	2	5713	3	6430
7.19950+	1	2.52535+	2	7.19989+	1	2.56430+	2	7.20327+	1	2.94874+	2	5713	3	6431
7.20680+	1	3.43233+	2	7.21040+	1	4.01356+	2	7.21366+	1	4.51643+	2	5713	3	6432
7.21770+	1	5.13246+	2	7.22761+	1	6.43154+	2	7.23220+	1	6.82268+	2	5713	3	6433
7.23224+	1	6.82622+	2	7.23581+	1	7.00285+	2	7.23900+	1	7.06347+	2	5713	3	6434
7.24219+	1	7.02905+	2	7.24576+	1	6.88126+	2	7.25030+	1	6.53984+	2	5713	3	6435
7.25039+	1	6.53537+	2	7.26375+	1	5.24337+	2	7.26850+	1	4.75825+	2	5713	3	6436
7.27210+	1	4.10124+	2	7.27846+	1	3.19109+	2	7.28300+	1	2.66976+	2	5713	3	6437
7.28356+	1	2.61248+	2	7.28748+	1	2.27076+	2	7.29020+	1	2.06653+	2	5713	3	6438
7.29100+	1	2.00778+	2	7.29452+	1	1.78460+	2	7.29750+	1	1.62212+	2	5713	3	6439
7.29844+	1	1.57416+	2	7.30354+	1	1.35911+	2	7.30840+	1	1.21636+	2	5713	3	6440
7.31891+	1	9.08698+	1	7.32650+	1	7.63883+	1	7.33035+	1	6.88766+	1	5713	3	6441
7.34519+	1	5.05860+	1	7.34280+	1	4.36780+	1	7.36597+	1	4.24344+	1	5713	3	6442
7.37604+	1	4.61543+	1	7.38100+	1	5.21372+	1	7.38532+	1	5.73488+	1	5713	3	6443
7.39101+	1	1.12339+	2	7.40447+	1	1.33962+	2	7.41815+	1	2.68443+	2	5713	3	6444
7.42868+	1	4.18160+	2	7.44260+	1	6.12148+	2	7.44284+	1	6.15921+	2	5713	3	6445
7.44754+	1	6.67947+	2	7.45116+	1	6.95980+	2	7.45440+	1	7.11319+	2	5713	3	6446
7.45710+	1	7.16247+	2	7.45764+	1	7.18612+	2	7.46126+	1	7.23913+	2	5713	3	6447
7.46596+	1	7.15876+	2	7.47890+	1	6.43211+	2	7.48012+	1	6.31055+	2	5713	3	6448
7.48250+	1	6.07247+	2	7.48563+	1	5.60968+	2	7.48620+	1	5.53682+	2	5713	3	6449
7.48980+	1	4.88868+	2	7.49117+	1	4.72918+	2	7.49340+	1	4.56969+	2	5713	3	6450
7.49710+	1	4.30819+	2	7.50430+	1	3.86983+	2	7.50539+	1	3.80721+	2	5713	3	6451
7.50790+	1	3.75948+	2	7.51011+	1	3.73061+	2	7.51375+	1	3.72580+	2	5713	3	6452
7.51700+	1	3.74402+	2	7.51880+	1	3.76182+	2	7.52025+	1	3.79646+	2	5713	3	6453
7.52389+	1	3.89103+	2	7.52841+	1	4.01237+	2	7.53553+	1	4.15184+	2	5713	3	6454
7.54246+	1	4.20209+	2	7.54420+	1	4.18863+	2	7.54720+	1	4.16694+	2	5713	3	6455
7.55084+	1	4.09589+	2	7.55410+	1	3.99809+	2	7.55736+	1	3.86766+	2	5713	3	6456
7.55870+	1	3.80170+	2	7.56100+	1	3.69125+	2	7.56574+	1	3.41572+	2	5713	3	6457
7.57999+	1	2.40269+	2	7.58050+	1	2.36752+	2	7.59060+	1	1.67602+	2	5713	3	6458
7.60230+	1	1.08763+	2	7.60436+	1	9.80574+	1	7.61431+	1	6.64712+	1	5713	3	6459
7.61680+	1	6.19539+	1	7.62433+	1	4.94202+	1	7.63821+	1	4.14809+	1	5713	3	6460
7.64890+	1	4.26896+	1	7.66327+	1	4.84249+	1	7.66804+	1	5.05290+	1	5713	3	6461
7.67171+	1	5.21112+	1	7.67480+	1	5.34511+	1	7.67500+	1	5.35223+	1	5713	3	6462
7.67829+	1	5.47744+	1	7.68196+	1	5.64045+	1	7.68673+	1	5.92277+	1	5713	3	6463
7.69660+	1	7.24221+	1	7.70110+	1	7.84306+	1	7.71110+	1	1.08060+	2	5713	3	6464
7.71179+	1	1.10094+	2	7.71201+	1	1.10939+	2	7.71224+	1	1.11795+	2	5713	3	6465
7.72298+	1	1.59595+	2	7.73741+	1	2.27178+	2	7.74221+	1	2.43940+	2	5713	3	6466
7.74590+	1	2.53551+	2	7.74920+	1	2.59549+	2	7.75250+	1	2.63138+	2	5713	3	6467
7.75619+	1	2.64597+	2	7.75620+	1	2.64596+	2	7.76099+	1	2.63430+	2	5713	3	6468
7.76190+	1	2.62967+	2	7.77542+	1	2.56134+	2	7.78039+	1	2.57917+	2	5713	3	6469
7.78537+	1	2.63181+	2	7.79987+	1	2.87839+	2	7.80468+	1	2.92818+	2	5713	3	6470
7.80838+	1	2.93419+	2	7.81170+	1	2.91003+	2	7.81502+	1	2.85525+	2	5713	3	6471
7.81872+	1	2.75740+	2	7.82353+	1	2.57605+	2	7.83000+	1	2.22710+	2	5713	3	6472
7.83630+	1	2.27215+	2	7.83803+	1	2.18684+	2	7.84881+	1	1.63793+	2	5713	3	6473
7.85440+	1	1.44218+	2	7.86281+	1	1.07269+	2	7.87260+	1	8.66772+	1	5713	3	6474
7.88241+	1	6.81312+	1	7.88907+	1	6.34980+	1	7.89070+	1	6.30600+	1	5713	3	6475
7.89578+	1	5.97706+	1	7.90880+	1	6.32102+	1	7.91558+	1	6.60820+	1	5713	3	6476
7.92700+	1	8.88326+	1	7.92972+	1	9.30236+	1	7.94061+	1	1.21727+	2	5713	3	6477
7.94510+	1	1.33378+	2	7.95525+	1	1.68756+	2	7.96011+	1	1.80681+	2	5713	3	6478
7.96385+	1	1.87122+	2	7.96720+	1	1.90715+	2	7.97055+	1	1.92276+	2	5713	3	6479

7.97429	1	1.91818	2	7.97915	1	1.88432	2	7.98140	1	1.85967	2	5713	3	6480
7.99379	1	1.83787	2	7.99950	1	1.86857	2	8.00138	1	1.86140	2	5713	3	6481
8.00680	1	1.89027	2	8.00900	1	1.88177	2	8.02370	1	1.92923	2	5713	3	6482
8.02490	1	1.92838	2	8.02858	1	1.95957	2	8.03234	1	1.97025	2	5713	3	6483
8.03570	1	1.96041	2	8.03906	1	1.93057	2	8.04282	1	1.87419	2	5713	3	6484
8.04670	1	1.78777	2	8.04770	1	1.77172	2	8.06240	1	1.39233	2	5713	3	6485
8.07334	1	1.12641	2	8.07570	1	1.10890	2	8.08660	1	9.67197	1	5713	3	6486
8.08754	1	9.52097	1	8.08937	1	9.49464	1	8.09121	1	9.53471	1	5713	3	6487
8.09750	1	1.06469	2	8.10551	1	1.19073	2	8.10840	1	1.29110	2	5713	3	6488
8.11652	1	1.57111	2	8.13132	1	2.08846	2	8.13380	1	2.13823	2	5713	3	6489
8.13623	1	2.19804	2	8.14001	1	2.25052	2	8.14340	1	2.26356	2	5713	3	6490
8.14679	1	2.24351	2	8.15057	1	2.08303	2	8.15190	1	2.14696	2	5713	3	6491
8.15548	1	2.05006	2	8.16280	1	1.73729	2	8.17028	1	1.46952	2	5713	3	6492
8.18100	1	1.06192	2	8.18129	1	1.04905	2	8.19559	1	6.05551	1	5713	3	6493
8.20000	1	5.18038	1	8.20001	1	3.73188	1	8.20000	1	2.20618	2	5713	3	6494
1.15690	2	2.01563	2	1.48550	2	2.02319	2	1.90740	2	1.80057	2	5713	3	6495
2.45000	2	2.02537	2	3.00000	2	1.30349	2	3.50000	2	1.16868	2	5713	3	6496
4.00000	2	1.07012	2	4.50000	2	1.18315	2	5.00000	2	1.29169	2	5713	3	6497
5.60000	2	1.31091	2	6.20000	2	1.02039	2	7.50000	2	1.00702	2	5713	3	6498
8.00000	2	9.64921	1	8.30000	2	7.86830	1	9.00000	2	7.12857	1	5713	3	6499
1.00000	3	7.12651	1	1.10000	3	7.90404	1	1.50000	3	6.75260	1	5713	3	6500
1.80000	3	5.99789	1	2.00000	3	5.44169	1	2.50000	3	4.79816	1	5713	3	6501
3.00000	3	4.43356	1	3.50000	3	4.31119	1	3.80000	3	4.23731	1	5713	3	6502
4.50000	3	3.87415	1	5.00000	3	3.61989	1	5.50000	3	3.50236	1	5713	3	6503
6.00000	3	3.35857	1	6.50000	3	3.10351	1	7.00000	3	2.98543	1	5713	3	6504
7.50000	3	2.97024	1	8.00000	3	2.86926	1	8.50000	3	2.67667	1	5713	3	6505
9.00000	3	2.85549	1	9.50000	3	2.98158	1	1.00000	4	2.78698	1	5713	3	6506
1.25000	4	2.56668	1	1.30000	4	2.57751	1	1.32000	4	2.58187	1	5713	3	6507
1.42000	4	2.60363	1	1.48000	4	2.61669	1	1.50000	4	2.62104	1	5713	3	6508
1.61000	4	2.33324	1	1.63000	4	2.28091	1	1.65000	4	2.22858	1	5713	3	6509
1.85000	4	2.40829	1	2.05000	4	1.99748	1	2.20000	4	2.33153	1	5713	3	6510
2.25000	4	2.27130	1	2.33000	4	2.17494	1	2.35000	4	2.15084	1	5713	3	6511
2.37000	4	2.14625	1	2.43000	4	2.13247	1	2.46000	4	2.12557	1	5713	3	6512
2.50000	4	2.11639	1	2.50000	4	1.95101	1	2.53000	4	1.94117	1	5713	3	6513
2.57000	4	1.85425	1	2.62000	4	1.99657	1	2.65000	4	1.88839	1	5713	3	6514
2.72000	4	1.92278	1	2.75000	4	2.00104	1	2.83000	4	2.00743	1	5713	3	6515
2.88000	4	2.17187	1	2.93000	4	1.81291	1	2.98000	4	1.92001	1	5713	3	6516
3.00000	4	1.92772	1	3.11000	4	1.96863	1	3.13000	4	2.09744	1	5713	3	6517
3.18000	4	1.91758	1	3.21000	4	1.92439	1	3.25000	4	1.83070	1	5713	3	6518
3.28000	4	1.88721	1	3.42000	4	1.87620	1	3.45000	4	1.83955	1	5713	3	6519
3.50000	4	1.89559	1	3.62000	4	1.86339	1	3.65000	4	1.81234	1	5713	3	6520
3.70000	4	1.85394	1	3.79000	4	1.75834	1	3.87000	4	1.87826	1	5713	3	6521
3.91000	4	1.84861	1	3.94000	4	1.80487	1	4.00000	4	1.88993	1	5713	3	6522
4.04000	4	1.94573	1	4.10000	4	1.82936	1	4.15000	4	1.71327	1	5713	3	6523
4.20000	4	1.77646	1	4.30000	4	1.74505	1	4.36000	4	1.67887	1	5713	3	6524
4.38000	4	1.72134	1	4.43000	4	1.71282	1	4.48000	4	1.66129	1	5713	3	6525
4.50000	4	1.63559	1	4.52000	4	1.61001	1	4.54000	4	1.67398	1	5713	3	6526
4.60000	4	1.67950	1	4.62000	4	1.72197	1	4.65000	4	1.73550	1	5713	3	6527
4.68000	4	1.61997	1	4.73000	4	1.71184	1	4.76000	4	1.66824	1	5713	3	6528
4.82000	4	1.68228	1	4.84000	4	1.72520	1	4.88000	4	1.73217	1	5713	3	6529
4.90000	4	1.71056	1	5.00000	4	1.69811	1	5.02000	4	1.69571	1	5713	3	6530
5.06000	4	1.64546	1	5.09000	4	1.72429	1	5.12000	4	1.70991	1	5713	3	6531
5.15000	4	1.66684	1	5.22000	4	1.75279	1	5.25000	4	1.68106	1	5713	3	6532
5.35000	4	1.70903	1	5.39000	4	1.68006	1	5.42000	4	1.62967	1	5713	3	6533
5.46000	4	1.63657	1	5.50000	4	1.69366	1	5.53000	4	1.65755	1	5713	3	6534
5.57000	4	1.65004	1	5.61000	4	1.62819	1	5.67000	4	1.67789	1	5713	3	6535
5.71000	4	1.67756	1	5.76000	4	1.70570	1	5.79000	4	1.64768	1	5713	3	6536
5.83000	4	1.63246	1	5.87000	4	1.58857	1	5.91000	4	1.65941	1	5713	3	6537
5.92000	4	1.73807	1	5.98000	4	1.71528	1	6.00000	4	1.68324	1	5713	3	6538
6.03000	4	1.63524	1	6.12000	4	1.65453	1	6.15000	4	1.61077	1	5713	3	6539
6.20000	4	1.64542	1	6.25000	4	1.63705	1	6.29000	4	1.57232	1	5713	3	6540
6.32000	4	1.52197	1	6.42000	4	1.51432	1	6.47000	4	1.58578	1	5713	3	6541
6.50000	4	1.60177	1	6.51000	4	1.60713	1	6.61000	4	1.60694	1	5713	3	6542
6.65000	4	1.57102	1	6.70000	4	1.59961	1	6.74000	4	1.57087	1	5713	3	6543
6.80000	4	1.56307	1	6.83000	4	1.59855	1	6.89000	4	1.56914	1	5713	3	6544
6.94000	4	1.61874	1	7.00000	4	1.59889	1	7.03000	4	1.58889	1	5713	3	6545
7.09000	4	1.60232	1	7.20000	4	1.56484	1	7.25000	4	1.52826	1	5713	3	6546
7.31000	4	1.53453	1	7.37000	4	1.49779	1	7.41000	4	1.51871	1	5713	3	6547
7.48000	4	1.57505	1	7.50000	4	1.56903	1	7.53000	4	1.55998	1	5713	3	6548
7.58000	4	1.58074	1	7.65000	4	1.58689	1	7.70000	4	1.51446	1	5713	3	6549

7.76000+	4	1.42054+	1	7.84000+	4	1.41340+	1	7.89000+	4	1.46361+	1	5713	3	6550
7.94000+	4	1.50666+	1	8.00000+	4	1.52103+	1	8.07000+	4	1.52107+	1	5713	3	6551
8.20000+	4	1.50681+	1	8.27000+	4	1.49569+	1	8.33000+	4	1.48019+	1	5713	3	6552
8.40000+	4	1.53263+	1	8.47000+	4	1.49241+	1	8.50000+	4	1.48312+	1	5713	3	6553
8.53000+	4	1.47381+	1	8.61000+	4	1.41553+	1	8.69000+	4	1.39683+	1	5713	3	6554
8.75000+	4	1.40682+	1	8.83000+	4	1.49997+	1	8.90000+	4	1.46409+	1	5713	3	6555
9.00000+	4	1.45301+	1	9.03000+	4	1.44978+	1	9.12000+	4	1.41416+	1	5713	3	6556
9.28000+	4	1.41493+	1	9.36000+	4	1.44467+	1	9.44000+	4	1.34537+	1	5713	3	6557
9.50000+	4	1.45924+	1	9.52000+	4	1.49701+	1	9.60000+	4	1.48017+	1	5713	3	6558
9.68000+	4	1.42748+	1	9.77000+	4	1.40672+	1	9.85000+	4	1.43101+	1	5713	3	6559
9.93000+	4	1.48400+	1	9.99000+	4	1.46908+	1	1.00000+	5	1.40087+	1	5713	3	6560
1.03000+	5	1.39353+	1	1.20000+	5	1.34706+	1	1.30000+	5	1.31224+	1	5713	3	6561
1.40000+	5	1.30263+	1	1.50000+	5	1.28477+	1	1.60000+	5	1.26964+	1	5713	3	6562
1.73000+	5	1.23974+	1	1.80000+	5	1.22489+	1	2.00000+	5	1.19648+	1	5713	3	6563
2.07000+	5	1.18568+	1	2.15000+	5	1.17384+	1	2.20000+	5	1.16621+	1	5713	3	6564
2.25000+	5	1.15877+	1	2.35000+	5	1.14815+	1	2.40000+	5	1.14467+	1	5713	3	6565
2.50000+	5	1.13817+	1	2.60000+	5	1.13638+	1	2.70000+	5	1.13486+	1	5713	3	6566
2.80000+	5	1.13302+	1	3.00000+	5	1.12483+	1	3.20000+	5	1.10253+	1	5713	3	6567
3.25000+	5	1.09731+	1	3.40000+	5	1.09725+	1	3.50000+	5	1.09778+	1	5713	3	6568
3.60000+	5	1.10026+	1	3.80000+	5	1.10523+	1	4.00000+	5	1.10895+	1	5713	3	6569
4.20000+	5	1.11003+	1	4.40000+	5	1.11518+	1	4.50000+	5	1.11503+	1	5713	3	6570
4.60000+	5	1.11231+	1	4.70000+	5	1.10967+	1	4.80000+	5	1.10856+	1	5713	3	6571
5.00000+	5	1.11111+	1	5.20000+	5	1.10600+	1	5.30000+	5	1.10304+	1	5713	3	6572
5.50000+	5	1.10467+	1	5.60000+	5	1.10793+	1	5.70000+	5	1.11116+	1	5713	3	6573
5.80000+	5	1.11449+	1	6.00000+	5	1.12135+	1	6.20000+	5	1.13138+	1	5713	3	6574
6.40000+	5	1.14183+	1	6.50000+	5	1.14725+	1	6.60000+	5	1.14934+	1	5713	3	6575
6.70000+	5	1.15036+	1	6.80000+	5	1.15103+	1	7.00000+	5	1.15237+	1	5713	3	6576
7.20000+	5	1.15056+	1	7.30000+	5	1.14967+	1	7.40000+	5	1.14961+	1	5713	3	6577
7.50000+	5	1.14955+	1	7.60000+	5	1.15141+	1	7.70000+	5	1.15329+	1	5713	3	6578
7.75000+	5	1.15403+	1	7.80000+	5	1.15481+	1	8.00000+	5	1.15793+	1	5713	3	6579
8.20000+	5	1.15923+	1	8.40000+	5	1.16047+	1	8.50000+	5	1.16104+	1	5713	3	6580
8.60000+	5	1.16614+	1	8.80000+	5	1.17613+	1	9.00000+	5	1.18581+	1	5713	3	6581
9.20000+	5	1.19024+	1	9.40000+	5	1.19447+	1	9.50000+	5	1.19656+	1	5713	3	6582
9.60000+	5	1.19911+	1	9.70000+	5	1.20165+	1	9.80000+	5	1.20156+	1	5713	3	6583
1.00000+	6	1.20136+	1	1.05000+	6	1.21210+	1	1.10000+	6	2.59460+	1	5713	3	6584
1.15000+	6	2.54813+	1	1.20000+	6	2.50114+	1	1.25000+	6	2.45251+	1	5713	3	6585
1.29500+	6	2.40851+	1	1.30000+	6	2.40360+	1	1.35000+	6	2.35450+	1	5713	3	6586
1.40000+	6	2.30508+	1	1.45000+	6	2.25708+	1	1.49500+	6	2.21331+	1	5713	3	6587
1.50000+	6	2.20844+	1	1.60000+	6	2.11217+	1	1.70000+	6	2.01365+	1	5713	3	6588
1.80000+	6	1.91012+	1	1.90000+	6	1.80253+	1	2.00000+	6	1.69234+	1	5713	3	6589
2.10000+	6	1.57994+	1	2.20000+	6	1.48200+	1	2.30000+	6	1.48200+	1	5713	3	6590
2.40000+	6	1.48200+	1	2.50000+	6	1.48200+	1	2.60000+	6	1.48200+	1	5713	3	6591
2.70000+	6	1.48200+	1	2.80000+	6	1.48200+	1	2.90000+	6	1.48200+	1	5713	3	6592
3.00000+	6	1.48200+	1	3.10000+	6	1.48150+	1	3.20000+	6	1.48100+	1	5713	3	6593
3.30000+	6	1.48050+	1	3.40000+	6	1.48000+	1	3.50000+	6	1.47950+	1	5713	3	6594
3.60000+	6	1.47900+	1	3.70000+	6	1.47850+	1	3.80000+	6	1.47800+	1	5713	3	6595
3.90000+	6	1.47750+	1	4.00000+	6	1.47700+	1	4.10000+	6	1.49930+	1	5713	3	6596
4.20000+	6	1.52160+	1	4.30000+	6	1.54390+	1	4.40000+	6	1.56620+	1	5713	3	6597
4.50000+	6	1.58850+	1	4.60000+	6	1.61080+	1	4.70000+	6	1.63310+	1	5713	3	6598
4.80000+	6	1.65540+	1	4.90000+	6	1.67770+	1	5.00000+	6	1.70000+	1	5713	3	6599
5.10000+	6	1.71000+	1	5.20000+	6	1.72000+	1	5.25000+	6	1.72500+	1	5713	3	6600
5.30000+	6	1.73000+	1	5.40000+	6	1.74000+	1	5.50000+	6	1.75000+	1	5713	3	6601
5.60000+	6	1.76000+	1	5.70000+	6	1.77000+	1	5.80000+	6	1.78000+	1	5713	3	6602
5.90000+	6	1.79000+	1	6.00000+	6	1.80000+	1	6.10000+	6	1.82420+	1	5713	3	6603
6.20000+	6	1.84840+	1	6.30000+	6	1.87260+	1	6.40000+	6	1.89680+	1	5713	3	6604
6.50000+	6	1.92100+	1	6.60000+	6	1.94520+	1	6.70000+	6	1.96940+	1	5713	3	6605
6.80000+	6	1.99360+	1	6.90000+	6	2.01780+	1	7.00000+	6	2.04200+	1	5713	3	6606
7.10000+	6	2.06620+	1	7.20000+	6	2.09040+	1	7.30000+	6	2.11460+	1	5713	3	6607
7.40000+	6	2.13880+	1	7.50000+	6	2.16300+	1	7.60000+	6	2.16764+	1	5713	3	6608
7.65000+	6	2.16997+	1	7.70000+	6	2.17229+	1	7.80000+	6	2.17693+	1	5713	3	6609
7.90000+	6	2.18158+	1	8.00000+	6	2.18622+	1	8.20000+	6	2.19551+	1	5713	3	6610
8.40000+	6	2.20479+	1	8.50000+	6	2.20944+	1	8.60000+	6	2.21408+	1	5713	3	6611
8.80000+	6	2.22337+	1	9.00000+	6	2.23266+	1	9.20000+	6	2.24195+	1	5713	3	6612
9.40000+	6	2.25123+	1	9.50000+	6	2.25588+	1	9.60000+	6	2.26052+	1	5713	3	6613
9.80000+	6	2.26981+	1	1.00000+	7	2.27910+	1	1.05000+	7	2.30232+	1	5713	3	6614
1.10000+	7	2.32553+	1	1.15000+	7	2.34875+	1	1.19000+	7	2.36733+	1	5713	3	6615
1.20000+	7	2.37197+	1	1.25000+	7	2.39519+	1	1.30000+	7	2.41841+	1	5713	3	6616
1.35000+	7	2.44163+	1	1.40000+	7	2.46485+	1	1.45000+	7	2.48807+	1	5713	3	6617
1.50000+	7	2.51427+	1	0.00000+	0	0.00000+	0	0.00000+	0	0.00000+	0	5713	3	6618
												5713	0	6619
												57 0	0	6620

9.22350+ 4	2.33025+ 2	1	0	1	0	5714	3 6621
						5714	0 6622
						57 0	0 6623
9.22350+ 4	2.33025+ 2	0	0	1	0	5715	3 6624
1.00000+ 3	0.00000+ 0	1	1	1	2	5715	3 6625
		1	0	0	0	5715	3 6626
1.00000- 5	1.00000+ 0	2.00000+ 7	1.00000+ 0	0.00000+ 0	0.00000+ 0	5715	3 6627
0.	0.	0	0	1	50	5715	3 6628
	50	1	0	0	0	5715	3 6629
0.	1.0000E-05	0	0	1	34	5715	3 6630
	34	1				5715	3 6631
0.	1.4345E-07	1.0000E+04	1.8500E-07	0.0000E+04	2.3347E-07	5715	3 6632
4.5000E+04	2.7781E-07	6.0000E+04	3.7631E-07	1.0000E+05	5.3463E-07	5715	3 6633
1.5000E+05	6.9365E-07	2.2000E+05	5.3835E-07	0.0000E+05	7.1512E-07	5715	3 6634
4.0000E+05	6.6803E-07	4.5000E+05	7.0818E-07	0.0000E+05	6.3243E-07	5715	3 6635
6.0000E+05	6.0507E-07	7.0000E+05	5.3275E-07	0.0000E+05	4.7190E-07	5715	3 6636
9.0000E+05	4.1175E-07	1.0000E+06	3.7076E-07	1.2500E+06	3.4648E-07	5715	3 6637
1.3300E+06	2.6849E-07	1.6600E+06	1.7886E-07	0.0000E+06	1.2791E-07	5715	3 6638
2.5000E+06	8.3977E-08	3.0000E+06	5.0817E-08	0.5000E+06	3.2961E-08	5715	3 6639
4.0000E+06	2.0727E-08	4.5000E+06	1.2090E-08	0.0000E+06	1.2738E-08	5715	3 6640
5.5000E+06	1.0453E-08	6.0000E+06	2.1463E-09	0.0000E+06	2.6619E-10	5715	3 6641
8.0000E+06	1.0016E-12	9.0000E+06	1.0016E-12	1.0000E+07	1.0016E-12	5715	3 6642
1.2000E+07	1.0016E-12					5715	3 6643
0.	1.3900E-04	0	0	1	34	5715	3 6644
	34	1				5715	3 6645
0.	1.4345E-07	1.0000E+04	1.8500E-07	0.0000E+04	2.3347E-07	5715	3 6646
4.5000E+04	2.7781E-07	6.0000E+04	3.7631E-07	1.0000E+05	5.3463E-07	5715	3 6647
1.5000E+05	6.9365E-07	2.2000E+05	5.3835E-07	0.0000E+05	7.1512E-07	5715	3 6648
4.0000E+05	6.6803E-07	4.5000E+05	7.0818E-07	0.0000E+05	6.3243E-07	5715	3 6649
6.0000E+05	6.0507E-07	7.0000E+05	5.3275E-07	0.0000E+05	4.7190E-07	5715	3 6650
9.0000E+05	4.1175E-07	1.0000E+06	3.7076E-07	1.2500E+06	3.4648E-07	5715	3 6651
1.3300E+06	2.6849E-07	1.6600E+06	1.7886E-07	0.0000E+06	1.2791E-07	5715	3 6652
2.5000E+06	8.3977E-08	3.0000E+06	5.0817E-08	0.5000E+06	3.2961E-08	5715	3 6653
4.0000E+06	2.0727E-08	4.5000E+06	1.2090E-08	0.0000E+06	1.2738E-08	5715	3 6654
5.5000E+06	1.0453E-08	6.0000E+06	2.1463E-09	0.0000E+06	2.6619E-10	5715	3 6655
8.0000E+06	1.0016E-12	9.0000E+06	1.0016E-12	1.0000E+07	1.0016E-12	5715	3 6656
1.2000E+07	1.0016E-12					5715	3 6657
0.	1.5200E-02	0	0	1	34	5715	3 6658
	34	1				5715	3 6659
0.	1.4345E-07	1.0000E+04	1.8500E-07	0.0000E+04	2.3347E-07	5715	3 6660
4.5000E+04	2.7781E-07	6.0000E+04	3.7631E-07	1.0000E+05	5.3463E-07	5715	3 6661
1.5000E+05	6.9365E-07	2.2000E+05	5.3835E-07	0.0000E+05	7.1512E-07	5715	3 6662
4.0000E+05	6.6803E-07	4.5000E+05	7.0818E-07	0.0000E+05	6.3243E-07	5715	3 6663
6.0000E+05	6.0507E-07	7.0000E+05	5.3275E-07	0.0000E+05	4.7190E-07	5715	3 6664
9.0000E+05	4.1175E-07	1.0000E+06	3.7076E-07	1.2500E+06	3.4648E-07	5715	3 6665
1.3300E+06	2.6849E-07	1.6600E+06	1.7886E-07	0.0000E+06	1.2791E-07	5715	3 6666
2.5000E+06	8.3977E-08	3.0000E+06	5.0817E-08	0.5000E+06	3.2961E-08	5715	3 6667
4.0000E+06	2.0727E-08	4.5000E+06	1.2090E-08	0.0000E+06	1.2738E-08	5715	3 6668
5.5000E+06	1.0453E-08	6.0000E+06	2.1463E-09	0.0000E+06	2.6619E-10	5715	3 6669
8.0000E+06	1.0016E-12	9.0000E+06	1.0016E-12	1.0000E+07	1.0016E-12	5715	3 6670
1.2000E+07	1.0016E-12					5715	3 6671
0.	4.1400E-01	0	0	1	34	5715	3 6672
	34	1				5715	3 6673
0.	1.4345E-07	1.0000E+04	1.8500E-07	0.0000E+04	2.3347E-07	5715	3 6674
4.5000E+04	2.7781E-07	6.0000E+04	3.7631E-07	1.0000E+05	5.3463E-07	5715	3 6675
1.5000E+05	6.9365E-07	2.2000E+05	5.3835E-07	0.0000E+05	7.1512E-07	5715	3 6676
4.0000E+05	6.6803E-07	4.5000E+05	7.0818E-07	0.0000E+05	6.3243E-07	5715	3 6677
6.0000E+05	6.0507E-07	7.0000E+05	5.3275E-07	0.0000E+05	4.7190E-07	5715	3 6678
9.0000E+05	4.1175E-07	1.0000E+06	3.7076E-07	1.2500E+06	3.4648E-07	5715	3 6679
1.3300E+06	2.6849E-07	1.6600E+06	1.7886E-07	0.0000E+06	1.2791E-07	5715	3 6680
2.5000E+06	8.3977E-08	3.0000E+06	5.0817E-08	0.5000E+06	3.2961E-08	5715	3 6681
4.0000E+06	2.0727E-08	4.5000E+06	1.2090E-08	0.0000E+06	1.2738E-08	5715	3 6682
5.5000E+06	1.0453E-08	6.0000E+06	2.1463E-09	0.0000E+06	2.6619E-10	5715	3 6683
8.0000E+06	1.0016E-12	9.0000E+06	1.0016E-12	1.0000E+07	1.0016E-12	5715	3 6684
1.2000E+07	1.0016E-12					5715	3 6685
0.	1.1300E+00	0	0	1	34	5715	3 6686
	34	1				5715	3 6687
0.	1.4345E-07	1.0000E+04	1.8500E-07	0.0000E+04	2.3347E-07	5715	3 6688
4.5000E+04	2.7781E-07	6.0000E+04	3.7631E-07	1.0000E+05	5.3463E-07	5715	3 6689
1.5000E+05	6.9365E-07	2.2000E+05	5.3835E-07	0.0000E+05	7.1512E-07	5715	3 6690

4.0000E+05	6.6803E-07	4.5000E+05	7.0818E-07	5.0000E+05	6.3243E-07	5715	3	6691
6.0000E+05	6.8507E-07	7.0000E+05	5.3275E-07	6.0000E+05	4.7190E-07	5715	3	6692
9.0000E+05	4.1175E-07	1.0000E+06	3.7076E-07	1.2500E+06	3.4648E-07	5715	3	6693
1.3300E+06	2.6849E-07	1.6600E+06	1.7886E-07	2.0000E+06	1.2791E-07	5715	3	6694
2.5000E+06	8.3977E-08	3.0000E+06	5.0817E-08	3.5000E+06	3.2961E-08	5715	3	6695
4.0000E+06	2.8727E-08	4.5000E+06	1.2090E-08	5.0000E+06	1.2738E-08	5715	3	6696
5.5000E+06	1.8453E-08	6.0000E+06	2.1463E-09	7.0000E+06	2.6619E-10	5715	3	6697
8.0000E+06	1.0016E-12	9.0000E+06	1.0016E-12	1.0000E+07	1.0016E-12	5715	3	6698
1.2000E+07	1.0016E-12					5715	3	6699
0.	3.8600E+00	0	0	1	34	5715	3	6700
	34	1				5715	3	6701
0.	1.4345E-07	1.0000E+04	1.8500E-07	3.0000E+04	2.3347E-07	5715	3	6702
4.5000E+04	2.7781E-07	6.0000E+04	3.7631E-07	1.0000E+05	5.3463E-07	5715	3	6703
1.5000E+05	6.9365E-07	2.2000E+05	5.3835E-07	3.0000E+05	7.1512E-07	5715	3	6704
4.0000E+05	6.6803E-07	4.5000E+05	7.0818E-07	5.0000E+05	6.3243E-07	5715	3	6705
6.0000E+05	6.8507E-07	7.0000E+05	5.3275E-07	6.0000E+05	4.7190E-07	5715	3	6706
9.0000E+05	4.1175E-07	1.0000E+06	3.7076E-07	1.2500E+06	3.4648E-07	5715	3	6707
1.3300E+06	2.6849E-07	1.6600E+06	1.7886E-07	2.0000E+06	1.2791E-07	5715	3	6708
2.5000E+06	8.3977E-08	3.0000E+06	5.0817E-08	3.5000E+06	3.2961E-08	5715	3	6709
4.0000E+06	2.8727E-08	4.5000E+06	1.2090E-08	5.0000E+06	1.2738E-08	5715	3	6710
5.5000E+06	1.8453E-08	6.0000E+06	2.1463E-09	7.0000E+06	2.6619E-10	5715	3	6711
8.0000E+06	1.0016E-12	9.0000E+06	1.0016E-12	1.0000E+07	1.0016E-12	5715	3	6712
1.2000E+07	1.0016E-12					5715	3	6713
0.	8.3200E+00	0	0	1	34	5715	3	6714
	34	1				5715	3	6715
0.	1.4345E-07	1.0000E+04	1.8500E-07	3.0000E+04	2.3347E-07	5715	3	6716
4.5000E+04	2.7781E-07	6.0000E+04	3.7631E-07	1.0000E+05	5.3463E-07	5715	3	6717
1.5000E+05	6.9365E-07	2.2000E+05	5.3836E-07	3.0000E+05	7.1512E-07	5715	3	6718
4.0000E+05	6.6804E-07	4.5000E+05	7.0818E-07	5.0000E+05	6.3243E-07	5715	3	6719
6.0000E+05	6.8507E-07	7.0000E+05	5.3275E-07	6.0000E+05	4.7190E-07	5715	3	6720
9.0000E+05	4.1175E-07	1.0000E+06	3.7076E-07	1.2500E+06	3.4648E-07	5715	3	6721
1.3300E+06	2.6849E-07	1.6600E+06	1.7886E-07	2.0000E+06	1.2791E-07	5715	3	6722
2.5000E+06	8.3977E-08	3.0000E+06	5.0817E-08	3.5000E+06	3.2961E-08	5715	3	6723
4.0000E+06	2.8727E-08	4.5000E+06	1.2090E-08	5.0000E+06	1.2738E-08	5715	3	6724
5.5000E+06	1.8453E-08	6.0000E+06	2.1463E-09	7.0000E+06	2.6619E-10	5715	3	6725
8.0000E+06	1.0016E-12	9.0000E+06	1.0016E-12	1.0000E+07	1.0016E-12	5715	3	6726
1.2000E+07	1.0016E-12					5715	3	6727
0.	2.2600E+01	0	0	1	34	5715	3	6728
	34	1				5715	3	6729
0.	1.4616E-07	1.0000E+04	1.8317E-07	3.0000E+04	2.2635E-07	5715	3	6730
4.5000E+04	2.6666E-07	6.0000E+04	3.6088E-07	1.0000E+05	5.3354E-07	5715	3	6731
1.5000E+05	7.2622E-07	2.2000E+05	5.6141E-07	3.0000E+05	7.8880E-07	5715	3	6732
4.0000E+05	7.4162E-07	4.5000E+05	7.9284E-07	5.0000E+05	7.0711E-07	5715	3	6733
6.0000E+05	6.7625E-07	7.0000E+05	5.8889E-07	6.0000E+05	5.1183E-07	5715	3	6734
9.0000E+05	4.3046E-07	1.0000E+06	3.6799E-07	1.2500E+06	3.3355E-07	5715	3	6735
1.3300E+06	2.4940E-07	1.6600E+06	1.5817E-07	2.0000E+06	1.0947E-07	5715	3	6736
2.5000E+06	7.8692E-08	3.0000E+06	4.2162E-08	3.5000E+06	2.7034E-08	5715	3	6737
4.0000E+06	1.6822E-08	4.5000E+06	9.7069E-09	5.0000E+06	9.5559E-09	5715	3	6738
5.5000E+06	7.7192E-09	6.0000E+06	1.9042E-09	7.0000E+06	3.1416E-10	5715	3	6739
8.0000E+06	1.0014E-12	9.0000E+06	1.0014E-12	1.0000E+07	1.0014E-12	5715	3	6740
1.2000E+07	1.0014E-12					5715	3	6741
0.	3.7270E+01	0	0	1	34	5715	3	6742
	34	1				5715	3	6743
0.	1.4729E-07	1.0000E+04	1.8241E-07	3.0000E+04	2.2338E-07	5715	3	6744
4.5000E+04	2.6200E-07	6.0000E+04	3.5444E-07	1.0000E+05	5.3308E-07	5715	3	6745
1.5000E+05	7.3982E-07	2.2000E+05	5.7103E-07	3.0000E+05	8.1955E-07	5715	3	6746
4.0000E+05	7.7235E-07	4.5000E+05	8.2818E-07	5.0000E+05	7.3828E-07	5715	3	6747
6.0000E+05	7.8597E-07	7.0000E+05	6.1228E-07	6.0000E+05	5.2850E-07	5715	3	6748
9.0000E+05	4.3827E-07	1.0000E+06	3.6684E-07	1.2500E+06	3.2815E-07	5715	3	6749
1.3300E+06	2.4144E-07	1.6600E+06	1.4953E-07	2.0000E+06	1.0177E-07	5715	3	6750
2.5000E+06	6.5146E-08	3.0000E+06	3.8549E-08	3.5000E+06	2.4560E-08	5715	3	6751
4.0000E+06	1.5192E-08	4.5000E+06	8.7116E-09	5.0000E+06	8.2274E-09	5715	3	6752
5.5000E+06	6.5777E-09	6.0000E+06	1.8032E-09	7.0000E+06	3.3419E-10	5715	3	6753
8.0000E+06	1.0013E-12	9.0000E+06	1.0013E-12	1.0000E+07	1.0013E-12	5715	3	6754
1.2000E+07	1.0013E-12					5715	3	6755
0.	6.1400E+01	0	0	1	34	5715	3	6756
	34	1				5715	3	6757
0.	1.4667E-07	1.0000E+04	1.8283E-07	3.0000E+04	2.2502E-07	5715	3	6758
4.5000E+04	2.6457E-07	6.0000E+04	3.5800E-07	1.0000E+05	5.3333E-07	5715	3	6759
1.5000E+05	7.3231E-07	2.2000E+05	5.6572E-07	3.0000E+05	8.0257E-07	5715	3	6760

4.0000E+05	7.5538E-07	4.5000E+05	8.0869E-07	3.0000E+05	7.2106E-07	5715	3	6761
6.0000E+05	6.8956E-07	7.0000E+05	5.9934E-07	6.0000E+05	5.1929E-07	5715	3	6762
9.0000E+05	4.3396E-07	1.0000E+06	3.6748E-07	1.2500E+06	3.3113E-07	5715	3	6763
1.3300E+06	2.4584E-07	1.6600E+06	1.5430E-07	5.0000E+06	1.0602E-07	5715	3	6764
2.5000E+06	6.8209E-08	3.0000E+06	4.0544E-08	3.5000E+06	2.5926E-08	5715	3	6765
4.0000E+06	1.6092E-08	4.5000E+06	9.2611E-09	5.0000E+06	8.9611E-09	5715	3	6766
5.5000E+06	7.2081E-09	6.0000E+06	1.8590E-09	1.0000E+06	3.2313E-10	5715	3	6767
8.0000E+06	1.0013E-12	9.0000E+06	1.0013E-12	1.0000E+07	1.0013E-12	5715	3	6768
1.2000E+07	1.0013E-12					5715	3	6769
0.	1.0100E+02	0	0	1	34	5715	3	6770
	34	1				5715	3	6771
0.	1.4606E-07	1.0000E+04	1.8324E-07	3.0000E+04	2.2662E-07	5715	3	6772
4.5000E+04	2.6707E-07	6.0000E+04	3.6145E-07	1.0000E+05	5.3358E-07	5715	3	6773
1.5000E+05	7.2501E-07	2.2000E+05	5.6056E-07	3.0000E+05	7.8607E-07	5715	3	6774
4.0000E+05	7.3890E-07	4.5000E+05	7.8970E-07	3.0000E+05	7.0434E-07	5715	3	6775
6.0000E+05	6.7362E-07	7.0000E+05	5.8678E-07	5.0000E+05	5.1035E-07	5715	3	6776
9.0000E+05	4.2977E-07	1.0000E+06	3.6810E-07	1.2500E+06	3.3403E-07	5715	3	6777
1.3300E+06	2.5011E-07	1.6600E+06	1.5893E-07	5.0000E+06	1.1015E-07	5715	3	6778
2.5000E+06	7.1184E-08	3.0000E+06	4.2483E-08	3.5000E+06	2.7254E-08	5715	3	6779
4.0000E+06	1.6967E-08	4.5000E+06	9.7949E-09	5.0000E+06	9.6738E-09	5715	3	6780
5.5000E+06	7.8204E-09	6.0000E+06	1.9132E-09	7.0000E+06	3.1238E-10	5715	3	6781
8.0000E+06	1.0014E-12	9.0000E+06	1.0014E-12	1.0000E+07	1.0014E-12	5715	3	6782
1.2000E+07	1.0014E-12					5715	3	6783
0.	1.6700E+02	0	0	1	34	5715	3	6784
	34	1				5715	3	6785
0.	1.4677E-07	1.0000E+04	1.8276E-07	3.0000E+04	2.2475E-07	5715	3	6786
4.5000E+04	2.6415E-07	6.0000E+04	3.5741E-07	1.0000E+05	5.3329E-07	5715	3	6787
1.5000E+05	7.3355E-07	2.2000E+05	5.6659E-07	3.0000E+05	8.0536E-07	5715	3	6788
4.0000E+05	7.5817E-07	4.5000E+05	8.1188E-07	5.0000E+05	7.2390E-07	5715	3	6789
6.0000E+05	6.9226E-07	7.0000E+05	6.0148E-07	8.0000E+05	5.2081E-07	5715	3	6790
9.0000E+05	4.3467E-07	1.0000E+06	3.6737E-07	1.2500E+06	3.3064E-07	5715	3	6791
1.3300E+06	2.4511E-07	1.6600E+06	1.5351E-07	5.0000E+06	1.0532E-07	5715	3	6792
2.5000E+06	6.7704E-08	3.0000E+06	4.0216E-08	3.5000E+06	2.5701E-08	5715	3	6793
4.0000E+06	1.5944E-08	4.5000E+06	9.1706E-09	5.0000E+06	8.8402E-09	5715	3	6794
5.5000E+06	7.1043E-09	6.0000E+06	1.8498E-09	7.0000E+06	3.2495E-10	5715	3	6795
8.0000E+06	1.0013E-12	9.0000E+06	1.0013E-12	1.0000E+07	1.0013E-12	5715	3	6796
1.2000E+07	1.0013E-12					5715	3	6797
0.	2.7500E+02	0	0	1	34	5715	3	6798
	34	1				5715	3	6799
0.	1.4724E-07	1.0000E+04	1.8244E-07	3.0000E+04	2.2351E-07	5715	3	6800
4.5000E+04	2.6221E-07	6.0000E+04	3.5473E-07	1.0000E+05	5.3310E-07	5715	3	6801
1.5000E+05	7.3920E-07	2.2000E+05	5.7060E-07	3.0000E+05	8.1815E-07	5715	3	6802
4.0000E+05	7.7095E-07	4.5000E+05	8.2657E-07	5.0000E+05	7.3686E-07	5715	3	6803
6.0000E+05	7.0462E-07	7.0000E+05	6.1121E-07	8.0000E+05	5.2774E-07	5715	3	6804
9.0000E+05	4.3792E-07	1.0000E+06	3.6689E-07	1.2500E+06	3.2839E-07	5715	3	6805
1.3300E+06	2.4180E-07	1.6600E+06	1.4992E-07	5.0000E+06	1.0212E-07	5715	3	6806
2.5000E+06	6.5399E-08	3.0000E+06	3.8714E-08	3.5000E+06	2.4673E-08	5715	3	6807
4.0000E+06	1.5266E-08	4.5000E+06	8.7567E-09	5.0000E+06	8.2879E-09	5715	3	6808
5.5000E+06	6.6298E-09	6.0000E+06	1.8078E-09	7.0000E+06	3.3327E-10	5715	3	6809
8.0000E+06	1.0013E-12	9.0000E+06	1.0013E-12	1.0000E+07	1.0013E-12	5715	3	6810
1.2000E+07	1.0013E-12					5715	3	6811
0.	4.5400E+02	0	0	1	34	5715	3	6812
	34	1				5715	3	6813
0.	1.4740E-07	1.0000E+04	1.8233E-07	3.0000E+04	2.2309E-07	5715	3	6814
4.5000E+04	2.6154E-07	6.0000E+04	3.5381E-07	1.0000E+05	5.3303E-07	5715	3	6815
1.5000E+05	7.4115E-07	2.2000E+05	5.7198E-07	3.0000E+05	8.2256E-07	5715	3	6816
4.0000E+05	7.7535E-07	4.5000E+05	8.3164E-07	5.0000E+05	7.4133E-07	5715	3	6817
6.0000E+05	7.0888E-07	7.0000E+05	6.1457E-07	8.0000E+05	5.3013E-07	5715	3	6818
9.0000E+05	4.3904E-07	1.0000E+06	3.6673E-07	1.2500E+06	3.2762E-07	5715	3	6819
1.3300E+06	2.4066E-07	1.6600E+06	1.4868E-07	5.0000E+06	1.0102E-07	5715	3	6820
2.5000E+06	6.4603E-08	3.0000E+06	3.8195E-08	3.5000E+06	2.4318E-08	5715	3	6821
4.0000E+06	1.5032E-08	4.5000E+06	8.6141E-09	5.0000E+06	8.0973E-09	5715	3	6822
5.5000E+06	6.4660E-09	6.0000E+06	1.7933E-09	7.0000E+06	3.3615E-10	5715	3	6823
8.0000E+06	1.0013E-12	9.0000E+06	1.0013E-12	1.0000E+07	1.0013E-12	5715	3	6824
1.2000E+07	1.0013E-12					5715	3	6825
0.	7.4900E+02	0	0	1	34	5715	3	6826
	34	1				5715	3	6827
0.	1.4657E-07	1.0000E+04	1.8290E-07	3.0000E+04	2.2528E-07	5715	3	6828
4.5000E+04	2.6498E-07	6.0000E+04	3.5857E-07	1.0000E+05	5.3337E-07	5715	3	6829
1.5000E+05	7.3111E-07	2.2000E+05	5.6487E-07	3.0000E+05	7.9985E-07	5715	3	6830
4.0000E+05	7.5267E-07	4.5000E+05	8.0554E-07	5.0000E+05	7.1831E-07	5715	3	6831



6.0000E+05	6.8694E-07	7.0000E+05	5.9728E-07	8.0000E+05	5.1782E-07	5715	3	6832
9.0000E+05	4.3327E-07	1.0000E+06	3.6758E-07	1.2000E+06	3.3161E-07	5715	3	6833
1.3300E+06	2.4654E-07	1.6600E+06	1.5506E-07	2.0000E+06	1.0670E-07	5715	3	6834
2.5000E+06	6.8699E-08	3.0000E+06	4.0863E-08	3.5000E+06	2.6145E-08	5715	3	6835
4.0000E+06	1.6236E-08	4.5000E+06	9.3490E-09	5.0000E+06	9.0784E-09	5715	3	6836
5.5000E+06	7.3089E-09	6.0000E+06	1.8679E-09	7.0000E+06	3.2136E-10	5715	3	6837
8.0000E+06	1.0013E-12	9.0000E+06	1.0013E-12	1.0000E+07	1.0013E-12	5715	3	6838
1.2000E+07	1.0013E-12					5715	3	6839
0.	1.2340E+03	0	0	1	34	5715	3	6840
0.	34	1				5715	3	6841
0.	1.4702E-07	1.0000E+04	1.8259E-07	3.0000E+04	2.2409E-07	5715	3	6842
4.5000E+04	2.6312E-07	6.0000E+04	3.5599E-07	1.0000E+05	5.3319E-07	5715	3	6843
1.5000E+05	7.3655E-07	2.2000E+05	5.6872E-07	3.0000E+05	8.1216E-07	5715	3	6844
4.0000E+05	7.6496E-07	4.5000E+05	8.1968E-07	6.0000E+05	7.3078E-07	5715	3	6845
6.0000E+05	6.9882E-07	7.0000E+05	6.0665E-07	8.0000E+05	5.2449E-07	5715	3	6846
9.0000E+05	4.3639E-07	1.0000E+06	3.6712E-07	1.2500E+06	3.2945E-07	5715	3	6847
1.3300E+06	2.4335E-07	1.6600E+06	1.5160E-07	2.0000E+06	1.0362E-07	5715	3	6848
2.5000E+06	6.6480E-08	3.0000E+06	3.9418E-08	3.5000E+06	2.5155E-08	5715	3	6849
4.0000E+06	1.5584E-08	4.5000E+06	8.9509E-09	5.0000E+06	8.5469E-09	5715	3	6850
5.5000E+06	6.8522E-09	6.0000E+06	1.8275E-09	7.0000E+06	3.2937E-10	5715	3	6851
8.0000E+06	1.0013E-12	9.0000E+06	1.0013E-12	1.0000E+07	1.0013E-12	5715	3	6852
1.2000E+07	1.0013E-12					5715	3	6853
0.	1.5850E+03	0	0	1	34	5715	3	6854
0.	34	1				5715	3	6855
0.	1.4735E-07	1.0000E+04	1.8237E-07	3.0000E+04	2.2322E-07	5715	3	6856
4.5000E+04	2.6176E-07	6.0000E+04	3.5410E-07	1.0000E+05	5.3305E-07	5715	3	6857
1.5000E+05	7.4052E-07	2.2000E+05	5.7153E-07	3.0000E+05	8.2115E-07	5715	3	6858
4.0000E+05	7.7394E-07	4.5000E+05	8.3002E-07	6.0000E+05	7.3990E-07	5715	3	6859
6.0000E+05	7.0751E-07	7.0000E+05	6.1350E-07	8.0000E+05	5.2936E-07	5715	3	6860
9.0000E+05	4.3868E-07	1.0000E+06	3.6678E-07	1.2500E+06	3.2787E-07	5715	3	6861
1.3300E+06	2.4102E-07	1.6600E+06	1.4908E-07	2.0000E+06	1.0137E-07	5715	3	6862
2.5000E+06	6.4858E-08	3.0000E+06	3.8361E-08	3.5000E+06	2.4431E-08	5715	3	6863
4.0000E+06	1.5107E-08	4.5000E+06	8.6599E-09	5.0000E+06	8.1584E-09	5715	3	6864
5.5000E+06	6.5185E-09	6.0000E+06	1.7980E-09	7.0000E+06	3.3523E-10	5715	3	6865
8.0000E+06	1.0013E-12	9.0000E+06	1.0013E-12	1.0000E+07	1.0013E-12	5715	3	6866
1.2000E+07	1.0013E-12					5715	3	6867
0.	2.0300E+03	0	0	1	34	5715	3	6868
0.	34	1				5715	3	6869
0.	1.4757E-07	1.0000E+04	1.8222E-07	3.0000E+04	2.2265E-07	5715	3	6870
4.5000E+04	2.6085E-07	6.0000E+04	3.5285E-07	1.0000E+05	5.3296E-07	5715	3	6871
1.5000E+05	7.4317E-07	2.2000E+05	5.7341E-07	3.0000E+05	8.2713E-07	5715	3	6872
4.0000E+05	7.7992E-07	4.5000E+05	8.3689E-07	6.0000E+05	7.4596E-07	5715	3	6873
6.0000E+05	7.1329E-07	7.0000E+05	6.1805E-07	8.0000E+05	5.3260E-07	5715	3	6874
9.0000E+05	4.4020E-07	1.0000E+06	3.6655E-07	1.2500E+06	3.2682E-07	5715	3	6875
1.3300E+06	2.3947E-07	1.6600E+06	1.4740E-07	2.0000E+06	9.9874E-08	5715	3	6876
2.5000E+06	6.3779E-08	3.0000E+06	3.7659E-08	3.5000E+06	2.3950E-08	5715	3	6877
4.0000E+06	1.4790E-08	4.5000E+06	8.4664E-09	5.0000E+06	7.9000E-09	5715	3	6878
5.5000E+06	6.2965E-09	6.0000E+06	1.7783E-09	7.0000E+06	3.3912E-10	5715	3	6879
8.0000E+06	1.0013E-12	9.0000E+06	1.0013E-12	1.0000E+07	1.0013E-12	5715	3	6880
1.2000E+07	1.0013E-12					5715	3	6881
0.	2.6100E+03	0	0	1	34	5715	3	6882
0.	34	1				5715	3	6883
0.	1.4766E-07	1.0000E+04	1.8216E-07	3.0000E+04	2.2242E-07	5715	3	6884
4.5000E+04	2.6050E-07	6.0000E+04	3.5236E-07	1.0000E+05	5.3293E-07	5715	3	6885
1.5000E+05	7.4420E-07	2.2000E+05	5.7413E-07	3.0000E+05	8.2945E-07	5715	3	6886
4.0000E+05	7.8223E-07	4.5000E+05	8.3956E-07	6.0000E+05	7.4832E-07	5715	3	6887
6.0000E+05	7.1553E-07	7.0000E+05	6.1982E-07	8.0000E+05	5.3386E-07	5715	3	6888
9.0000E+05	4.4079E-07	1.0000E+06	3.6647E-07	1.2500E+06	3.2641E-07	5715	3	6889
1.3300E+06	2.3887E-07	1.6600E+06	1.4675E-07	2.0000E+06	9.9293E-08	5715	3	6890
2.5000E+06	6.3361E-08	3.0000E+06	3.7386E-08	3.5000E+06	2.3764E-08	5715	3	6891
4.0000E+06	1.4667E-08	4.5000E+06	8.3913E-09	5.0000E+06	7.7998E-09	5715	3	6892
5.5000E+06	6.2104E-09	6.0000E+06	1.7707E-09	7.0000E+06	3.4063E-10	5715	3	6893
8.0000E+06	1.0013E-12	9.0000E+06	1.0013E-12	1.0000E+07	1.0013E-12	5715	3	6894
1.2000E+07	1.0013E-12					5715	3	6895
0.	3.3500E+03	0	0	1	34	5715	3	6896
0.	34	1				5715	3	6897
0.	1.4766E-07	1.0000E+04	1.8216E-07	3.0000E+04	2.2242E-07	5715	3	6898
4.5000E+04	2.6050E-07	6.0000E+04	3.5236E-07	1.0000E+05	5.3293E-07	5715	3	6899
1.5000E+05	7.4421E-07	2.2000E+05	5.7414E-07	3.0000E+05	8.2948E-07	5715	3	6900
4.0000E+05	7.8226E-07	4.5000E+05	8.3959E-07	6.0000E+05	7.4834E-07	5715	3	6901
6.0000E+05	7.1556E-07	7.0000E+05	6.1984E-07	8.0000E+05	5.3388E-07	5715	3	6902

9.0000E+05	4.4079E-07	1.0000E+06	3.6647E-07	1.2500E+06	3.2641E-07	5715	3 6903
1.3300E+06	2.3886E-07	1.6600E+06	1.4674E-07	2.0000E+06	9.9286E-08	5715	3 6904
2.5000E+06	6.3356E-08	3.0000E+06	3.7383E-08	3.5000E+06	2.3761E-08	5715	3 6905
4.0000E+06	1.4666E-08	4.5000E+06	8.3904E-09	5.0000E+06	7.7986E-09	5715	3 6906
5.5000E+06	6.2094E-09	6.0000E+06	1.7706E-09	7.0000E+06	3.4065E-10	5715	3 6907
8.0000E+06	1.0013E-12	9.0000E+06	1.0013E-12	1.0000E+07	1.0013E-12	5715	3 6908
1.2000E+07	1.0013E-12					5715	3 6909
0.	4.3100E+03	0	0	1	34	5715	3 6910
34	1					5715	3 6911
0.	1.4766E-07	1.0000E+04	1.8216E-07	3.0000E+04	2.2241E-07	5715	3 6912
4.5000E+04	2.6048E-07	6.0000E+04	3.5234E-07	1.0000E+05	5.3293E-07	5715	3 6913
1.5000E+05	7.4424E-07	2.2000E+05	5.7416E-07	2.0000E+05	8.2956E-07	5715	3 6914
4.0000E+05	7.8234E-07	4.5000E+05	8.3968E-07	3.0000E+05	7.4842E-07	5715	3 6915
6.0000E+05	7.1564E-07	7.0000E+05	6.1990E-07	8.0000E+05	5.3392E-07	5715	3 6916
9.0000E+05	4.4081E-07	1.0000E+06	3.6646E-07	1.2500E+06	3.2639E-07	5715	3 6917
1.3300E+06	2.3884E-07	1.6600E+06	1.4672E-07	2.0000E+06	9.9266E-08	5715	3 6918
2.5000E+06	6.3342E-08	3.0000E+06	3.7374E-08	3.5000E+06	2.3755E-08	5715	3 6919
4.0000E+06	1.4662E-08	4.5000E+06	8.3879E-09	5.0000E+06	7.7952E-09	5715	3 6920
5.5000E+06	6.2065E-09	6.0000E+06	1.7703E-09	7.0000E+06	3.4070E-10	5715	3 6921
8.0000E+06	1.0013E-12	9.0000E+06	1.0013E-12	1.0000E+07	1.0013E-12	5715	3 6922
1.2000E+07	1.0013E-12					5715	3 6923
0.	5.5300E+03	0	0	1	34	5715	3 6924
34	1					5715	3 6925
0.	1.4767E-07	1.0000E+04	1.8216E-07	3.0000E+04	2.2239E-07	5715	3 6926
4.5000E+04	2.6046E-07	6.0000E+04	3.5231E-07	1.0000E+05	5.3293E-07	5715	3 6927
1.5000E+05	7.4432E-07	2.2000E+05	5.7422E-07	3.0000E+05	8.2973E-07	5715	3 6928
4.0000E+05	7.8252E-07	4.5000E+05	8.3988E-07	5.0000E+05	7.4860E-07	5715	3 6929
6.0000E+05	7.1581E-07	7.0000E+05	6.2003E-07	8.0000E+05	5.3401E-07	5715	3 6930
9.0000E+05	4.4086E-07	1.0000E+06	3.6646E-07	1.2500E+06	3.2636E-07	5715	3 6931
1.3300E+06	2.3880E-07	1.6600E+06	1.4667E-07	2.0000E+06	9.9222E-08	5715	3 6932
2.5000E+06	6.3310E-08	3.0000E+06	3.7353E-08	3.5000E+06	2.3741E-08	5715	3 6933
4.0000E+06	1.4652E-08	4.5000E+06	8.3822E-09	5.0000E+06	7.7876E-09	5715	3 6934
5.5000E+06	6.1999E-09	6.0000E+06	1.7698E-09	7.0000E+06	3.4082E-10	5715	3 6935
8.0000E+06	1.0013E-12	9.0000E+06	1.0013E-12	1.0000E+07	1.0013E-12	5715	3 6936
1.2000E+07	1.0013E-12					5715	3 6937
0.	7.1000E+03	0	0	1	34	5715	3 6938
34	1					5715	3 6939
0.	1.4766E-07	1.0000E+04	1.8216E-07	3.0000E+04	2.2240E-07	5715	3 6940
4.5000E+04	2.6047E-07	6.0000E+04	3.5233E-07	1.0000E+05	5.3293E-07	5715	3 6941
1.5000E+05	7.4427E-07	2.2000E+05	5.7418E-07	2.0000E+05	8.2962E-07	5715	3 6942
4.0000E+05	7.8240E-07	4.5000E+05	8.3975E-07	3.0000E+05	7.4849E-07	5715	3 6943
6.0000E+05	7.1570E-07	7.0000E+05	6.1995E-07	8.0000E+05	5.3395E-07	5715	3 6944
9.0000E+05	4.4083E-07	1.0000E+06	3.6646E-07	1.2500E+06	3.2638E-07	5715	3 6945
1.3300E+06	2.3883E-07	1.6600E+06	1.4670E-07	2.0000E+06	9.9250E-08	5715	3 6946
2.5000E+06	6.3330E-08	3.0000E+06	3.7365E-08	3.5000E+06	2.3750E-08	5715	3 6947
4.0000E+06	1.4658E-08	4.5000E+06	8.3858E-09	5.0000E+06	7.7925E-09	5715	3 6948
5.5000E+06	6.2041E-09	6.0000E+06	1.7701E-09	7.0000E+06	3.4074E-10	5715	3 6949
8.0000E+06	1.0013E-12	9.0000E+06	1.0013E-12	1.0000E+07	1.0013E-12	5715	3 6950
1.2000E+07	1.0013E-12					5715	3 6951
0.	9.1200E+03	0	0	1	34	5715	3 6952
34	1					5715	3 6953
0.	1.4760E-07	1.0000E+04	1.8220E-07	3.0000E+04	2.2256E-07	5715	3 6954
4.5000E+04	2.6071E-07	6.0000E+04	3.5266E-07	1.0000E+05	5.3295E-07	5715	3 6955
1.5000E+05	7.4357E-07	2.2000E+05	5.7369E-07	3.0000E+05	8.2804E-07	5715	3 6956
4.0000E+05	7.8082E-07	4.5000E+05	8.3793E-07	5.0000E+05	7.4688E-07	5715	3 6957
6.0000E+05	7.1417E-07	7.0000E+05	6.1874E-07	8.0000E+05	5.3309E-07	5715	3 6958
9.0000E+05	4.4043E-07	1.0000E+06	3.6652E-07	1.2500E+06	3.2666E-07	5715	3 6959
1.3300E+06	2.3924E-07	1.6600E+06	1.4714E-07	2.0000E+06	9.9647E-08	5715	3 6960
2.5000E+06	6.3616E-08	3.0000E+06	3.7552E-08	3.5000E+06	2.3878E-08	5715	3 6961
4.0000E+06	1.4742E-08	4.5000E+06	8.4371E-09	5.0000E+06	7.8609E-09	5715	3 6962
5.5000E+06	6.2629E-09	6.0000E+06	1.7753E-09	7.0000E+06	3.3971E-10	5715	3 6963
8.0000E+06	1.0013E-12	9.0000E+06	1.0013E-12	1.0000E+07	1.0013E-12	5715	3 6964
1.2000E+07	1.0013E-12					5715	3 6965
0.	1.1710E+04	0	0	1	34	5715	3 6966
34	1					5715	3 6967
0.	1.4757E-07	1.0000E+04	1.8360E-07	3.0000E+04	2.2264E-07	5715	3 6968
4.5000E+04	2.6084E-07	6.0000E+04	3.5284E-07	1.0000E+05	5.3295E-07	5715	3 6969
1.5000E+05	7.4315E-07	2.2000E+05	5.7339E-07	3.0000E+05	8.2711E-07	5715	3 6970
4.0000E+05	7.7989E-07	4.5000E+05	8.3686E-07	5.0000E+05	7.4594E-07	5715	3 6971
6.0000E+05	7.1327E-07	7.0000E+05	6.1803E-07	8.0000E+05	5.3259E-07	5715	3 6972
9.0000E+05	4.4018E-07	1.0000E+06	3.6654E-07	1.2500E+06	3.2681E-07	5715	3 6973

1.3300E+06	2.3947E-07	1.6600E+06	1.4739E-07	5.0000E+06	9.9871E-08	5715	3 6974
2.5000E+06	6.3778E-08	3.0000E+06	3.7658E-08	5.5000E+06	2.3950E-08	5715	3 6975
4.0000E+06	1.4790E-08	4.5000E+06	8.4663E-09	6.0000E+06	7.9000E-09	5715	3 6976
5.5000E+06	6.2965E-09	6.0000E+06	1.7783E-09	7.0000E+06	3.3912E-10	5715	3 6977
8.0000E+06	1.0012E-12	9.0000E+06	1.0012E-12	1.0000E+07	1.0012E-12	5715	3 6978
1.2000E+07	1.0012E-12					5715	3 6979
0.	1.5030E+04	0	0	1	34	5715	3 6980
34	1					5715	3 6981
0.	1.4752E-07	1.0000E+04	1.9174E-07	5.0000E+04	2.2266E-07	5715	3 6982
4.5000E+04	2.6089E-07	6.0000E+04	3.5290E-07	1.0000E+05	5.3287E-07	5715	3 6983
1.5000E+05	7.4278E-07	2.2000E+05	5.7312E-07	3.0000E+05	8.2641E-07	5715	3 6984
4.0000E+05	7.7920E-07	4.5000E+05	8.3608E-07	5.0000E+05	7.4525E-07	5715	3 6985
6.0000E+05	7.1261E-07	7.0000E+05	6.1750E-07	9.0000E+05	5.3220E-07	5715	3 6986
9.0000E+05	4.3997E-07	1.0000E+06	3.6650E-07	1.2500E+06	3.2685E-07	5715	3 6987
1.3300E+06	2.3957E-07	1.6600E+06	1.4753E-07	2.0000E+06	9.9995E-08	5715	3 6988
2.5000E+06	6.3869E-08	3.0000E+06	3.7718E-08	3.5000E+06	2.3992E-08	5715	3 6989
4.0000E+06	1.4818E-08	4.5000E+06	8.4837E-09	5.0000E+06	7.9237E-09	5715	3 6990
5.5000E+06	6.3169E-09	6.0000E+06	1.7801E-09	7.0000E+06	3.3873E-10	5715	3 6991
8.0000E+06	1.0011E-12	9.0000E+06	1.0011E-12	1.0000E+07	1.0011E-12	5715	3 6992
1.2000E+07	1.0011E-12					5715	3 6993
0.	1.9310E+04	0	0	1	34	5715	3 6994
34	1					5715	3 6995
0.	1.4747E-07	1.0000E+04	2.0471E-07	5.0000E+04	2.2262E-07	5715	3 6996
4.5000E+04	2.6085E-07	6.0000E+04	3.5286E-07	1.0000E+05	5.3273E-07	5715	3 6997
1.5000E+05	7.4247E-07	2.2000E+05	5.7289E-07	3.0000E+05	8.2594E-07	5715	3 6998
4.0000E+05	7.7875E-07	4.5000E+05	8.3557E-07	5.0000E+05	7.4480E-07	5715	3 6999
6.0000E+05	7.1218E-07	7.0000E+05	6.1715E-07	9.0000E+05	5.3192E-07	5715	3 7000
9.0000E+05	4.3979E-07	1.0000E+06	3.6642E-07	1.2500E+06	3.2681E-07	5715	3 7001
1.3300E+06	2.3957E-07	1.6600E+06	1.4756E-07	2.0000E+06	1.0003E-07	5715	3 7002
2.5000E+06	6.3898E-08	3.0000E+06	3.7739E-08	3.5000E+06	2.4007E-08	5715	3 7003
4.0000E+06	1.4828E-08	4.5000E+06	8.4905E-09	5.0000E+06	7.9336E-09	5715	3 7004
5.5000E+06	6.3255E-09	6.0000E+06	1.7807E-09	7.0000E+06	3.3852E-10	5715	3 7005
8.0000E+06	1.0008E-12	9.0000E+06	1.0008E-12	1.0000E+07	1.0008E-12	5715	3 7006
1.2000E+07	1.0008E-12					5715	3 7007
0.	2.4790E+04	0	0	1	34	5715	3 7008
34	1					5715	3 7009
0.	1.4753E-07	1.0000E+04	2.2406E-07	5.0000E+04	2.2224E-07	5715	3 7010
4.5000E+04	2.6029E-07	6.0000E+04	3.5208E-07	1.0000E+05	5.3248E-07	5715	3 7011
1.5000E+05	7.4352E-07	2.2000E+05	5.7361E-07	3.0000E+05	8.2866E-07	5715	3 7012
4.0000E+05	7.8148E-07	4.5000E+05	8.3874E-07	5.0000E+05	7.4759E-07	5715	3 7013
6.0000E+05	7.1484E-07	7.0000E+05	6.1923E-07	9.0000E+05	5.3336E-07	5715	3 7014
9.0000E+05	4.4039E-07	1.0000E+06	3.6616E-07	1.2500E+06	3.2615E-07	5715	3 7015
1.3300E+06	2.3869E-07	1.6600E+06	1.4664E-07	2.0000E+06	9.9229E-08	5715	3 7016
2.5000E+06	6.3325E-08	3.0000E+06	3.7368E-08	3.5000E+06	2.3754E-08	5715	3 7017
4.0000E+06	1.4662E-08	4.5000E+06	8.3899E-09	5.0000E+06	7.8004E-09	5715	3 7018
5.5000E+06	6.2112E-09	6.0000E+06	1.7707E-09	7.0000E+06	3.4042E-10	5715	3 7019
8.0000E+06	1.0004E-12	9.0000E+06	1.0004E-12	1.0000E+07	1.0004E-12	5715	3 7020
1.2000E+07	1.0004E-12					5715	3 7021
0.	3.1830E+04	0	0	1	34	5715	3 7022
34	1					5715	3 7023
0.	1.4749E-07	1.0000E+04	2.4963E-07	5.0000E+04	2.2202E-07	5715	3 7024
4.5000E+04	2.6000E-07	6.0000E+04	3.5168E-07	1.0000E+05	5.3218E-07	5715	3 7025
1.5000E+05	7.4359E-07	2.2000E+05	5.7364E-07	3.0000E+05	8.2926E-07	5715	3 7026
4.0000E+05	7.8210E-07	4.5000E+05	8.3948E-07	5.0000E+05	7.4824E-07	5715	3 7027
6.0000E+05	7.1546E-07	7.0000E+05	6.1969E-07	9.0000E+05	5.3364E-07	5715	3 7028
9.0000E+05	4.4042E-07	1.0000E+06	3.6593E-07	1.2500E+06	3.2580E-07	5715	3 7029
1.3300E+06	2.3830E-07	1.6600E+06	1.4628E-07	2.0000E+06	9.8921E-08	5715	3 7030
2.5000E+06	6.3109E-08	3.0000E+06	3.7230E-08	3.5000E+06	2.3661E-08	5715	3 7031
4.0000E+06	1.4602E-08	4.5000E+06	8.3538E-09	5.0000E+06	7.7539E-09	5715	3 7032
5.5000E+06	6.1714E-09	6.0000E+06	1.7670E-09	7.0000E+06	3.4098E-10	5715	3 7033
8.0000E+06	9.9991E-13	9.0000E+06	9.9991E-13	1.0000E+07	9.9991E-13	5715	3 7034
1.2000E+07	9.9991E-13					5715	3 7035
0.	4.0870E+04	0	0	1	34	5715	3 7036
34	1					5715	3 7037
0.	1.4741E-07	1.0000E+04	2.9112E-07	5.0000E+04	2.2174E-07	5715	3 7038
4.5000E+04	2.5967E-07	6.0000E+04	3.5111E-07	1.0000E+05	5.3171E-07	5715	3 7039
1.5000E+05	7.4354E-07	2.2000E+05	5.7357E-07	3.0000E+05	8.2988E-07	5715	3 7040
4.0000E+05	7.8276E-07	4.5000E+05	8.4029E-07	5.0000E+05	7.4895E-07	5715	3 7041
6.0000E+05	7.1613E-07	7.0000E+05	6.2017E-07	9.0000E+05	5.3390E-07	5715	3 7042
9.0000E+05	4.4038E-07	1.0000E+06	3.6557E-07	1.2500E+06	3.2529E-07	5715	3 7043

1.3300E+06	2.3775E-07	1.6600E+06	1.4578E-07	2.0000E+06	9.8507E-08	5715	3 7044
2.5000E+06	6.2819E-08	3.0000E+06	3.7046E-08	2.5000E+06	2.3537E-08	5715	3 7045
4.0000E+06	1.4522E-08	4.5000E+06	8.3060E-09	3.0000E+06	7.6926E-09	5715	3 7046
5.5000E+06	6.1190E-09	6.0000E+06	1.7620E-09	3.0000E+06	3.4164E-10	5715	3 7047
8.0000E+06	9.9907E-13	9.0000E+06	9.9907E-13	1.0000E+07	9.9907E-13	5715	3 7048
1.2000E+07	9.9907E-13					5715	3 7049
0.	5.2480E+04	0	0	1	34	5715	3 7050
0.	34	1				5715	3 7051
0.	1.4700E-07	1.0000E+04	4.0204E-07	3.0000E+04	2.4052E-07	5715	3 7052
4.5000E+04	3.1229E-07	6.0000E+04	3.4943E-07	1.0000E+05	5.2990E-07	5715	3 7053
1.5000E+05	7.4211E-07	2.2000E+05	5.7239E-07	3.0000E+05	8.2949E-07	5715	3 7054
4.0000E+05	7.8253E-07	4.5000E+05	8.4023E-07	3.0000E+05	7.4887E-07	5715	3 7055
6.0000E+05	7.1605E-07	7.0000E+05	6.1991E-07	3.0000E+05	5.3341E-07	5715	3 7056
9.0000E+05	4.3951E-07	1.0000E+06	3.6425E-07	1.2500E+06	3.2378E-07	5715	3 7057
1.3300E+06	2.3634E-07	1.6600E+06	1.4462E-07	2.0000E+06	9.7576E-08	5715	3 7058
2.5000E+06	6.2178E-08	3.0000E+06	3.6643E-08	3.5000E+06	2.3268E-08	5715	3 7059
4.0000E+06	1.4349E-08	4.5000E+06	8.2028E-09	3.0000E+06	7.5660E-09	5715	3 7060
5.5000E+06	6.0118E-09	6.0000E+06	1.7492E-09	1.0000E+06	3.4216E-10	5715	3 7061
8.0000E+06	9.9572E-13	9.0000E+06	9.9572E-13	1.0000E+07	9.9572E-13	5715	3 7062
1.2000E+07	9.9572E-13					5715	3 7063
0.	6.7380E+04	0	0	1	34	5715	3 7064
0.	34	1				5715	3 7065
0.	1.4612E-07	1.0000E+04	4.8539E-07	3.0000E+04	3.3425E-07	5715	3 7066
4.5000E+04	5.7074E-07	6.0000E+04	3.4684E-07	1.0000E+05	5.2605E-07	5715	3 7067
1.5000E+05	7.3874E-07	2.2000E+05	5.6967E-07	3.0000E+05	8.2792E-07	5715	3 7068
4.0000E+05	7.8129E-07	4.5000E+05	8.3924E-07	3.0000E+05	7.4794E-07	5715	3 7069
6.0000E+05	7.1515E-07	7.0000E+05	6.1881E-07	3.0000E+05	5.3197E-07	5715	3 7070
9.0000E+05	4.3749E-07	1.0000E+06	3.6149E-07	1.2500E+06	3.2071E-07	5715	3 7071
1.3300E+06	2.3352E-07	1.6600E+06	1.4237E-07	2.0000E+06	9.5793E-08	5715	3 7072
2.5000E+06	6.0954E-08	3.0000E+06	3.5875E-08	3.5000E+06	2.2755E-08	5715	3 7073
4.0000E+06	1.4019E-08	4.5000E+06	8.0064E-09	3.0000E+06	7.3275E-09	5715	3 7074
5.5000E+06	5.8102E-09	6.0000E+06	1.7235E-09	1.0000E+06	3.4267E-10	5715	3 7075
8.0000E+06	9.8862E-13	9.0000E+06	9.8862E-13	1.0000E+07	9.8862E-13	5715	3 7076
1.2000E+07	9.8862E-13					5715	3 7077
0.	8.6520E+04	0	0	1	34	5715	3 7078
0.	34	1				5715	3 7079
0.	1.4364E-07	1.0000E+04	7.2202E-07	3.0000E+04	5.3759E-07	5715	3 7080
4.5000E+04	1.1303E-06	6.0000E+04	3.7677E-07	1.0000E+05	5.1657E-07	5715	3 7081
1.5000E+05	7.2738E-07	2.2000E+05	5.6078E-07	3.0000E+05	8.1750E-07	5715	3 7082
4.0000E+05	7.7171E-07	4.5000E+05	8.2929E-07	3.0000E+05	7.3903E-07	5715	3 7083
6.0000E+05	7.0661E-07	7.0000E+05	6.1108E-07	3.0000E+05	5.2481E-07	5715	3 7084
9.0000E+05	4.3072E-07	1.0000E+06	3.5477E-07	1.2500E+06	3.1409E-07	5715	3 7085
1.3300E+06	2.2811E-07	1.6600E+06	1.3850E-07	2.0000E+06	9.2911E-08	5715	3 7086
2.5000E+06	5.9027E-08	3.0000E+06	3.4691E-08	3.5000E+06	2.1978E-08	5715	3 7087
4.0000E+06	1.3525E-08	4.5000E+06	7.7161E-09	3.0000E+06	7.0005E-09	5715	3 7088
5.5000E+06	5.5379E-09	6.0000E+06	1.6785E-09	1.0000E+06	3.3958E-10	5715	3 7089
8.0000E+06	9.7071E-13	9.0000E+06	9.7071E-13	1.0000E+07	9.7071E-13	5715	3 7090
1.2000E+07	9.7071E-13					5715	3 7091
0.	1.1100E+05	0	0	1	34	5715	3 7092
0.	34	1				5715	3 7093
0.	1.4058E-07	1.0000E+04	1.0514E-06	3.0000E+04	7.3258E-07	5715	3 7094
4.5000E+04	1.6814E-06	6.0000E+04	4.8825E-07	1.0000E+05	5.0812E-07	5715	3 7095
1.5000E+05	7.1457E-07	2.2000E+05	5.5058E-07	3.0000E+05	8.0818E-07	5715	3 7096
4.0000E+05	7.6347E-07	4.5000E+05	8.2121E-07	3.0000E+05	7.3172E-07	5715	3 7097
6.0000E+05	6.9959E-07	7.0000E+05	6.0425E-07	3.0000E+05	5.1780E-07	5715	3 7098
9.0000E+05	4.2302E-07	1.0000E+06	3.4591E-07	1.2500E+06	3.0479E-07	5715	3 7099
1.3300E+06	2.2001E-07	1.6600E+06	1.3232E-07	2.0000E+06	8.8135E-08	5715	3 7100
2.5000E+06	5.5780E-08	3.0000E+06	3.2669E-08	3.5000E+06	2.0637E-08	5715	3 7101
4.0000E+06	1.2666E-08	4.5000E+06	7.2060E-09	3.0000E+06	6.3978E-09	5715	3 7102
5.5000E+06	5.0313E-09	6.0000E+06	1.6067E-09	1.0000E+06	3.3832E-10	5715	3 7103
8.0000E+06	9.4750E-13	9.0000E+06	9.4750E-13	1.0000E+07	9.4750E-13	5715	3 7104
1.2000E+07	9.4750E-13					5715	3 7105
0.	1.8300E+05	0	0	1	34	5715	3 7106
0.	34	1				5715	3 7107
0.	1.3542E-07	1.0000E+04	1.5193E-06	3.0000E+04	9.7266E-07	5715	3 7108
4.5000E+04	2.4654E-06	6.0000E+04	6.9224E-07	1.0000E+05	5.4352E-07	5715	3 7109
1.5000E+05	7.1549E-07	2.2000E+05	5.3294E-07	3.0000E+05	7.9049E-07	5715	3 7110
4.0000E+05	7.4758E-07	4.5000E+05	8.0525E-07	3.0000E+05	7.1734E-07	5715	3 7111
6.0000E+05	6.8580E-07	7.0000E+05	5.9124E-07	3.0000E+05	5.0497E-07	5715	3 7112
9.0000E+05	4.0967E-07	1.0000E+06	3.3128E-07	1.2500E+06	2.8974E-07	5715	3 7113

1.3300E+06	2.7173E-07	1.6600E+06	1.2268E-07	5.0000E+06	8.0755E-08	5715	3	7114
2.5000E+06	5.7833E-08	3.0000E+06	2.9567E-08	5.5000E+06	1.8584E-08	5715	3	7115
4.0000E+06	1.1353E-08	4.5000E+06	6.4279E-09	5.0000E+06	5.4893E-09	5715	3	7116
5.5000E+06	4.2693E-09	6.0000E+06	1.4939E-09	5.0000E+06	3.3469E-10	5715	3	7117
8.0000E+06	9.7896E-13	9.0000E+06	9.0896E-13	1.0000E+07	9.0896E-13	5715	3	7118
1.2000E+07	9.7896E-13					5715	3	7119
0.	3.7200E+05	0	0	1	34	5715	3	7120
0.	34	1				5715	3	7121
0.	1.2648E-07	1.0000E+04	1.9375E-06	5.0000E+04	1.2321E-06	5715	3	7122
4.5000E+04	3.2178E-06	6.0000E+04	9.1359E-07	1.0000E+05	7.5066E-07	5715	3	7123
1.5000E+05	8.4443E-07	2.2000E+05	4.9955E-07	5.0000E+05	7.8858E-07	5715	3	7124
4.0000E+05	7.1141E-07	4.5000E+05	7.6204E-07	5.0000E+05	6.7874E-07	5715	3	7125
6.0000E+05	6.4887E-07	7.0000E+05	5.5863E-07	6.0000E+05	4.7596E-07	5715	3	7126
9.0000E+05	3.8415E-07	1.0000E+06	3.0804E-07	1.2500E+06	2.6789E-07	5715	3	7127
1.3300E+06	1.9008E-07	1.6600E+06	1.1122E-07	5.0000E+06	7.2514E-08	5715	3	7128
2.5000E+06	4.5362E-08	3.0000E+06	2.6282E-08	5.5000E+06	1.6451E-08	5715	3	7129
4.0000E+06	1.7011E-08	4.5000E+06	5.6458E-09	5.0000E+06	4.6574E-09	5715	3	7130
5.5000E+06	3.5850E-09	6.0000E+06	1.3586E-09	5.0000E+06	3.1890E-10	5715	3	7131
8.0000E+06	8.4631E-13	9.0000E+06	8.4631E-13	1.0000E+07	8.4631E-13	5715	3	7132
1.2000E+07	8.4631E-13					5715	3	7133
0.	4.9800E+05	0	0	1	34	5715	3	7134
0.	34	1				5715	3	7135
0.	1.1497E-07	1.0000E+04	2.3613E-06	5.0000E+04	1.3257E-06	5715	3	7136
4.5000E+04	3.5041E-06	6.0000E+04	1.2087E-06	1.0000E+05	8.3191E-07	5715	3	7137
1.5000E+05	9.3034E-07	2.2000E+05	4.5517E-07	5.0000E+05	9.2504E-07	5715	3	7138
4.0000E+05	7.5625E-07	4.5000E+05	7.6911E-07	5.0000E+05	6.2218E-07	5715	3	7139
6.0000E+05	6.4601E-07	7.0000E+05	5.1647E-07	6.0000E+05	4.3523E-07	5715	3	7140
9.0000E+05	3.5011E-07	1.0000E+06	2.7921E-07	1.2500E+06	2.4190E-07	5715	3	7141
1.3300E+06	1.7079E-07	1.6600E+06	9.9101E-08	2.0000E+06	6.4190E-08	5715	3	7142
2.5000E+06	4.0013E-08	3.0000E+06	2.3107E-08	5.5000E+06	1.4423E-08	5715	3	7143
4.0000E+06	8.7548E-09	4.5000E+06	4.9250E-09	5.0000E+06	3.9613E-09	5715	3	7144
5.5000E+06	3.7251E-09	6.0000E+06	1.2154E-09	5.0000E+06	2.9385E-10	5715	3	7145
8.0000E+06	7.6777E-13	9.0000E+06	7.6777E-13	1.0000E+07	7.6777E-13	5715	3	7146
1.2000E+07	7.6777E-13					5715	3	7147
0.	8.2100E+05	0	0	1	34	5715	3	7148
0.	34	1				5715	3	7149
0.	4.2974E-07	1.0000E+04	1.5431E-06	5.0000E+04	9.3282E-07	5715	3	7150
4.5000E+04	1.7629E-06	6.0000E+04	1.0485E-06	1.0000E+05	9.0724E-07	5715	3	7151
1.5000E+05	9.6958E-07	2.2000E+05	7.6433E-07	5.0000E+05	9.6869E-07	5715	3	7152
4.0000E+05	8.3875E-07	4.5000E+05	8.2466E-07	5.0000E+05	6.9202E-07	5715	3	7153
6.0000E+05	6.8634E-07	7.0000E+05	5.8690E-07	6.0000E+05	4.3599E-07	5715	3	7154
9.0000E+05	3.5628E-07	1.0000E+06	2.7425E-07	1.2500E+06	2.2023E-07	5715	3	7155
1.3300E+06	1.5966E-07	1.6600E+06	9.6984E-08	2.0000E+06	6.1517E-08	5715	3	7156
2.5000E+06	3.7489E-08	3.0000E+06	2.2027E-08	5.5000E+06	1.3419E-08	5715	3	7157
4.0000E+06	8.1805E-09	4.5000E+06	4.8817E-09	5.0000E+06	3.4458E-09	5715	3	7158
5.5000E+06	2.4826E-09	6.0000E+06	1.9144E-09	5.0000E+06	1.8093E-09	5715	3	7159
8.0000E+06	8.8568E-13	9.0000E+06	8.8568E-13	1.0000E+07	8.8568E-13	5715	3	7160
1.2000E+07	8.8568E-13					5715	3	7161
0.	1.3530E+06	0	0	1	34	5715	3	7162
0.	34	1				5715	3	7163
0.	6.4677E-07	1.0000E+04	6.8829E-07	5.0000E+04	7.3674E-07	5715	3	7164
4.5000E+04	7.7825E-07	6.0000E+04	8.5437E-07	1.0000E+05	9.2366E-07	5715	3	7165
1.5000E+05	9.5522E-07	2.2000E+05	9.6183E-07	5.0000E+05	9.3954E-07	5715	3	7166
4.0000E+05	9.7099E-07	4.5000E+05	8.6375E-07	5.0000E+05	7.9300E-07	5715	3	7167
6.0000E+05	6.8066E-07	7.0000E+05	5.6625E-07	6.0000E+05	4.7049E-07	5715	3	7168
9.0000E+05	3.9553E-07	1.0000E+06	2.9955E-07	1.2500E+06	2.2480E-07	5715	3	7169
1.3300E+06	1.6664E-07	1.6600E+06	1.0305E-07	2.0000E+06	6.1129E-08	5715	3	7170
2.5000E+06	3.5346E-08	3.0000E+06	2.0827E-08	5.5000E+06	1.2302E-08	5715	3	7171
4.0000E+06	7.4444E-09	4.5000E+06	4.5932E-09	5.0000E+06	2.9144E-09	5715	3	7172
5.5000E+06	1.9321E-09	6.0000E+06	1.8725E-09	5.0000E+06	2.0684E-09	5715	3	7173
8.0000E+06	9.9556E-13	9.0000E+06	9.9556E-13	1.0000E+07	9.9556E-13	5715	3	7174
1.2000E+07	9.9556E-13					5715	3	7175
0.	1.7380E+06	0	0	1	34	5715	3	7176
0.	34	1				5715	3	7177
0.	5.7677E-07	1.0000E+04	6.0209E-07	5.0000E+04	6.3163E-07	5715	3	7178
4.5000E+04	6.5694E-07	6.0000E+04	7.0336E-07	1.0000E+05	7.5874E-07	5715	3	7179
1.5000E+05	8.1022E-07	2.2000E+05	8.6750E-07	5.0000E+05	9.1100E-07	5715	3	7180
4.0000E+05	9.1591E-07	4.5000E+05	8.9733E-07	5.0000E+05	8.4403E-07	5715	3	7181
6.0000E+05	7.3727E-07	7.0000E+05	6.1432E-07	6.0000E+05	5.1158E-07	5715	3	7182
9.0000E+05	4.3628E-07	1.0000E+06	3.3402E-07	1.2500E+06	2.5077E-07	5715	3	7183

1.3300E+06	1.8497E-07	1.6600E+06	1.1134E-07	4.0000E+06	6.1935E-08	5715	3	7184
2.5000E+06	3.3744E-08	3.0000E+06	1.9349E-08	3.5000E+06	1.1217E-08	5715	3	7185
4.0000E+06	6.6417E-09	4.5000E+06	3.9759E-09	5.0000E+06	2.4598E-09	5715	3	7186
5.5000E+06	1.5351E-09	6.0000E+06	9.8101E-10	7.0000E+06	6.8814E-10	5715	3	7187
8.0000E+06	9.9622E-13	9.0000E+06	9.9622E-13	1.0000E+07	9.9622E-13	5715	3	7188
1.2000E+07	9.9622E-13					5715	3	7189
0.	2.2310E+06	0	0	1	34	5715	3	7190
	34	1				5715	3	7191
0.	5.4987E-07	1.0000E+04	5.6855E-07	3.0000E+04	5.9034E-07	5715	3	7192
4.5000E+04	6.0901E-07	6.0000E+04	6.4326E-07	1.0000E+05	6.9171E-07	5715	3	7193
1.5000E+05	7.4803E-07	2.2000E+05	8.1485E-07	3.0000E+05	8.7409E-07	5715	3	7194
4.0000E+05	8.9444E-07	4.5000E+05	8.8668E-07	5.0000E+05	8.4192E-07	5715	3	7195
6.0000E+05	7.3630E-07	7.0000E+05	6.1451E-07	8.0000E+05	5.1189E-07	5715	3	7196
9.0000E+05	4.3503E-07	1.0000E+06	3.3828E-07	1.2500E+06	2.6081E-07	5715	3	7197
1.3300E+06	2.0281E-07	1.6600E+06	1.3384E-07	4.0000E+06	7.7696E-08	5715	3	7198
2.5000E+06	3.5766E-08	3.0000E+06	1.8664E-08	3.5000E+06	1.0682E-08	5715	3	7199
4.0000E+06	6.2089E-09	4.5000E+06	3.6499E-09	5.0000E+06	2.2189E-09	5715	3	7200
5.5000E+06	1.3265E-09	6.0000E+06	6.4703E-10	7.0000E+06	2.1693E-10	5715	3	7201
8.0000E+06	9.9709E-13	9.0000E+06	9.9709E-13	1.0000E+07	9.9709E-13	5715	3	7202
1.2000E+07	9.9709E-13					5715	3	7203
0.	2.8650E+06	0	0	1	34	5715	3	7204
	34	1				5715	3	7205
0.	5.0538E-07	1.0000E+04	5.2447E-07	3.0000E+04	5.4673E-07	5715	3	7206
4.5000E+04	5.6581E-07	6.0000E+04	6.0078E-07	1.0000E+05	6.5279E-07	5715	3	7207
1.5000E+05	7.1580E-07	2.2000E+05	7.8049E-07	3.0000E+05	8.3518E-07	5715	3	7208
4.0000E+05	8.5581E-07	4.5000E+05	8.5174E-07	5.0000E+05	8.1707E-07	5715	3	7209
6.0000E+05	7.2101E-07	7.0000E+05	6.0315E-07	8.0000E+05	5.0220E-07	5715	3	7210
9.0000E+05	4.2453E-07	1.0000E+06	3.3490E-07	1.2500E+06	2.6633E-07	5715	3	7211
1.3300E+06	2.1748E-07	1.6600E+06	1.8679E-07	4.0000E+06	9.7606E-08	5715	3	7212
2.5000E+06	4.2368E-08	3.0000E+06	1.9937E-08	3.5000E+06	1.0876E-08	5715	3	7213
4.0000E+06	6.1709E-09	4.5000E+06	3.5840E-09	5.0000E+06	2.1632E-09	5715	3	7214
5.5000E+06	1.2870E-09	6.0000E+06	6.0719E-10	7.0000E+06	1.4233E-10	5715	3	7215
8.0000E+06	9.9834E-13	9.0000E+06	9.9834E-13	1.0000E+07	9.9834E-13	5715	3	7216
1.2000E+07	9.9834E-13					5715	3	7217
0.	3.6800E+06	0	0	1	34	5715	3	7218
	34	1				5715	3	7219
0.	4.6517E-07	1.0000E+04	4.8273E-07	3.0000E+04	5.0321E-07	5715	3	7220
4.5000E+04	5.2077E-07	6.0000E+04	5.5296E-07	1.0000E+05	6.0280E-07	5715	3	7221
1.5000E+05	6.6598E-07	2.2000E+05	7.4018E-07	3.0000E+05	8.0861E-07	5715	3	7222
4.0000E+05	8.3680E-07	4.5000E+05	8.3382E-07	5.0000E+05	8.0336E-07	5715	3	7223
6.0000E+05	7.0990E-07	7.0000E+05	5.8841E-07	8.0000E+05	4.8804E-07	5715	3	7224
9.0000E+05	4.1343E-07	1.0000E+06	3.3053E-07	1.2500E+06	2.6922E-07	5715	3	7225
1.3300E+06	2.2275E-07	1.6600E+06	1.6789E-07	4.0000E+06	1.1315E-07	5715	3	7226
2.5000E+06	5.5616E-08	3.0000E+06	2.4725E-08	3.5000E+06	1.2691E-08	5715	3	7227
4.0000E+06	7.1255E-09	4.5000E+06	4.1155E-09	5.0000E+06	2.4605E-09	5715	3	7228
5.5000E+06	1.4900E-09	6.0000E+06	1.9350E-09	7.0000E+06	1.5020E-10	5715	3	7229
8.0000E+06	9.9740E-13	9.0000E+06	9.9740E-13	1.0000E+07	9.9740E-13	5715	3	7230
1.2000E+07	9.9740E-13					5715	3	7231
0.	6.0700E+06	0	0	1	34	5715	3	7232
	34	1				5715	3	7233
0.	4.4118E-07	1.0000E+04	4.5818E-07	3.0000E+04	4.7801E-07	5715	3	7234
4.5000E+04	4.9501E-07	6.0000E+04	5.2617E-07	1.0000E+05	5.7801E-07	5715	3	7235
1.5000E+05	6.4821E-07	2.2000E+05	7.3923E-07	3.0000E+05	8.3142E-07	5715	3	7236
4.0000E+05	8.8366E-07	4.5000E+05	9.0207E-07	5.0000E+05	8.8444E-07	5715	3	7237
6.0000E+05	7.8366E-07	7.0000E+05	6.4514E-07	8.0000E+05	5.2942E-07	5715	3	7238
9.0000E+05	4.4032E-07	1.0000E+06	3.3908E-07	1.2500E+06	2.6468E-07	5715	3	7239
1.3300E+06	2.0934E-07	1.6600E+06	1.3727E-07	4.0000E+06	8.5648E-08	5715	3	7240
2.5000E+06	4.5813E-08	3.0000E+06	2.3304E-08	3.5000E+06	1.2687E-08	5715	3	7241
4.0000E+06	7.4864E-09	4.5000E+06	4.5154E-09	5.0000E+06	2.8124E-09	5715	3	7242
5.5000E+06	1.7806E-09	6.0000E+06	2.6311E-09	7.0000E+06	2.8684E-10	5715	3	7243
8.0000E+06	9.9575E-13	9.0000E+06	9.9575E-13	1.0000E+07	9.9575E-13	5715	3	7244
1.2000E+07	9.9575E-13					5715	3	7245
0.	7.7900E+06	0	0	1	34	5715	3	7246
	34	1				5715	3	7247
0.	4.7203E-07	1.0000E+04	4.8938E-07	3.0000E+04	5.0962E-07	5715	3	7248
4.5000E+04	5.2697E-07	6.0000E+04	5.5878E-07	1.0000E+05	6.1194E-07	5715	3	7249
1.5000E+05	6.8409E-07	2.2000E+05	7.7580E-07	3.0000E+05	8.6665E-07	5715	3	7250
4.0000E+05	9.1669E-07	4.5000E+05	9.3350E-07	5.0000E+05	9.1579E-07	5715	3	7251
6.0000E+05	8.1749E-07	7.0000E+05	6.7412E-07	8.0000E+05	5.4613E-07	5715	3	7252
9.0000E+05	4.4775E-07	1.0000E+06	3.3821E-07	1.2500E+06	2.5858E-07	5715	3	7253

1.3300E+06	1.9951E-07	1.6600E+06	1.1762E-07	2.0000E+06	6.6795E-08	5715	3	7254
2.5000E+06	3.6391E-08	3.0000E+06	2.0460E-08	2.5000E+06	1.1873E-08	5715	3	7255
4.0000E+06	7.0629E-09	4.5000E+06	4.2440E-09	3.0000E+06	2.6349E-09	5715	3	7256
5.5000E+06	1.6472E-09	6.0000E+06	8.5213E-10	4.0000E+06	2.5960E-10	5715	3	7257
8.0000E+06	9.9639E-13	9.0000E+06	9.9640E-13	1.0000E+07	9.9640E-13	5715	3	7258
1.2000E+07	9.9640E-13					5715	3	7259
0.	1.0000E+07	0	0	1	34	5715	3	7260
34	1					5715	3	7261
0.	4.7415E-07	1.0000E+04	4.9069E-07	3.0000E+04	5.0999E-07	5715	3	7262
4.5000E+04	5.2652E-07	6.0000E+04	5.5684E-07	1.0000E+05	6.0717E-07	5715	3	7263
1.5000E+05	6.7526E-07	2.2000E+05	7.6456E-07	3.0000E+05	8.5317E-07	5715	3	7264
4.0000E+05	8.9955E-07	4.5000E+05	9.1185E-07	3.0000E+05	8.9524E-07	5715	3	7265
6.0000E+05	8.1109E-07	7.0000E+05	6.7783E-07	6.0000E+05	5.4471E-07	5715	3	7266
9.0000E+05	4.4209E-07	1.0000E+06	3.3507E-07	1.2500E+06	2.5832E-07	5715	3	7267
1.3300E+06	2.0230E-07	1.6600E+06	1.2533E-07	4.0000E+06	7.2840E-08	5715	3	7268
2.5000E+06	3.9342E-08	3.0000E+06	2.1725E-08	3.5000E+06	1.2364E-08	5715	3	7269
4.0000E+06	7.2279E-09	4.5000E+06	4.2747E-09	3.0000E+06	2.6203E-09	5715	3	7270
5.5000E+06	1.6006E-09	6.0000E+06	8.0442E-10	1.0000E+06	2.3818E-10	5715	3	7271
8.0000E+06	9.9687E-13	9.0000E+06	9.9688E-13	1.0000E+07	9.9688E-13	5715	3	7272
1.2000E+07	9.9688E-13					5715	3	7273
0.	1.2000E+07	0	0	1	34	5715	3	7274
34	1					5715	3	7275
0.	4.7591E-07	1.0000E+04	4.9178E-07	3.0000E+04	5.1029E-07	5715	3	7276
4.5000E+04	5.2615E-07	6.0000E+04	5.5523E-07	1.0000E+05	6.0321E-07	5715	3	7277
1.5000E+05	6.6793E-07	2.2000E+05	7.5522E-07	3.0000E+05	8.4198E-07	5715	3	7278
4.0000E+05	8.8532E-07	4.5000E+05	8.9388E-07	3.0000E+05	8.7817E-07	5715	3	7279
6.0000E+05	8.0578E-07	7.0000E+05	6.8090E-07	6.0000E+05	5.4352E-07	5715	3	7280
9.0000E+05	4.3739E-07	1.0000E+06	3.3246E-07	1.2500E+06	2.5810E-07	5715	3	7281
1.3300E+06	2.0462E-07	1.6600E+06	1.3173E-07	2.0000E+06	7.7860E-08	5715	3	7282
2.5000E+06	4.1793E-08	3.0000E+06	2.2776E-08	3.5000E+06	1.2772E-08	5715	3	7283
4.0000E+06	7.3650E-09	4.5000E+06	4.3003E-09	3.0000E+06	2.6082E-09	5715	3	7284
5.5000E+06	1.5619E-09	6.0000E+06	7.6479E-10	1.0000E+06	2.2039E-10	5715	3	7285
8.0000E+06	9.9727E-13	9.0000E+06	9.9727E-13	1.0000E+07	9.9727E-13	5715	3	7286
1.2000E+07	9.9727E-13					5715	3	7287
0.	1.3500E+07	0	0	1	34	5715	3	7288
34	1					5715	3	7289
0.	4.7762E-07	1.0000E+04	4.9291E-07	3.0000E+04	5.1075E-07	5715	3	7290
4.5000E+04	5.2604E-07	6.0000E+04	5.5408E-07	1.0000E+05	6.0006E-07	5715	3	7291
1.5000E+05	6.6192E-07	2.2000E+05	7.4751E-07	3.0000E+05	8.3270E-07	5715	3	7292
4.0000E+05	8.7344E-07	4.5000E+05	8.7882E-07	3.0000E+05	8.6387E-07	5715	3	7293
6.0000E+05	8.0147E-07	7.0000E+05	6.8370E-07	6.0000E+05	5.4262E-07	5715	3	7294
9.0000E+05	4.3342E-07	1.0000E+06	3.3022E-07	1.2500E+06	2.5787E-07	5715	3	7295
1.3300E+06	2.0652E-07	1.6600E+06	1.3704E-07	2.0000E+06	8.1999E-08	5715	3	7296
2.5000E+06	4.3812E-08	3.0000E+06	2.3650E-08	3.5000E+06	1.3113E-08	5715	3	7297
4.0000E+06	7.4786E-09	4.5000E+06	4.3203E-09	3.0000E+06	2.5965E-09	5715	3	7298
5.5000E+06	1.5280E-09	6.0000E+06	7.3045E-10	1.0000E+06	2.0501E-10	5715	3	7299
8.0000E+06	9.9760E-13	9.0000E+06	9.9760E-13	1.0000E+07	9.9760E-13	5715	3	7300
1.2000E+07	9.9760E-13					5715	3	7301
0.	1.5000E+07	0	0	1	34	5715	3	7302
34	1					5715	3	7303
0.	4.8901E-07	1.0000E+04	5.0396E-07	3.0000E+04	5.2141E-07	5715	3	7304
4.5000E+04	5.3636E-07	6.0000E+04	5.6378E-07	1.0000E+05	6.0870E-07	5715	3	7305
1.5000E+05	6.6915E-07	2.2000E+05	7.5384E-07	3.0000E+05	8.3793E-07	5715	3	7306
4.0000E+05	8.7670E-07	4.5000E+05	8.7967E-07	3.0000E+05	8.6517E-07	5715	3	7307
6.0000E+05	8.0935E-07	7.0000E+05	6.9463E-07	6.0000E+05	5.4721E-07	5715	3	7308
9.0000E+05	4.3243E-07	1.0000E+06	3.2797E-07	1.2500E+06	2.5556E-07	5715	3	7309
1.3300E+06	2.0456E-07	1.6600E+06	1.3404E-07	2.0000E+06	7.8360E-08	5715	3	7310
2.5000E+06	4.1981E-08	3.0000E+06	2.3298E-08	3.5000E+06	1.3048E-08	5715	3	7311
4.0000E+06	7.4111E-09	4.5000E+06	4.2498E-09	3.0000E+06	2.5164E-09	5715	3	7312
5.5000E+06	1.4521E-09	6.0000E+06	6.7517E-10	1.0000E+06	1.8208E-10	5715	3	7313
8.0000E+06	9.9723E-13	9.0000E+06	9.9723E-13	1.0000E+07	9.9723E-13	5715	3	7314
1.2000E+07	9.9723E-13					5715	3	7315
0.	1.7000E+07	0	0	1	34	5715	3	7316
34	1					5715	3	7317
0.	5.1190E-07	1.0000E+04	5.2661E-07	3.0000E+04	5.4377E-07	5715	3	7318
4.5000E+04	5.5847E-07	6.0000E+04	5.8543E-07	1.0000E+05	6.2973E-07	5715	3	7319
1.5000E+05	6.8951E-07	2.2000E+05	7.7368E-07	3.0000E+05	8.5673E-07	5715	3	7320
4.0000E+05	8.9342E-07	4.5000E+05	8.9386E-07	3.0000E+05	8.7971E-07	5715	3	7321
6.0000E+05	8.2970E-07	7.0000E+05	7.1567E-07	6.0000E+05	5.5775E-07	5715	3	7322
9.0000E+05	4.3358E-07	1.0000E+06	3.2501E-07	1.2500E+06	2.5084E-07	5715	3	7323
1.3300E+06	1.9882E-07	1.6600E+06	1.2327E-07	2.0000E+06	6.7192E-08	5715	3	7324

2.5000E+06	3.6411E-08	3.0000E+06	2.1829E-08	5.5000E+06	1.2628E-08	5715	3	7325
4.0000E+06	7.1736E-09	4.5000E+06	4.0830E-09	5.0000E+06	2.3550E-09	5715	3	7326
5.5000E+06	1.3183E-09	6.0000E+06	5.8548E-10	7.0000E+06	1.4582E-10	5715	3	7327
8.0000E+06	9.9618E-13	9.0000E+06	9.9618E-13	1.0000E+07	9.9618E-13	5715	3	7328
1.2000E+07	9.9618E-13					5715	3	7329
						5715	0	7330
						57	0	7331
						0	0	7332
						-1-0	-0	7333

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