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**THORIUM CROSS SECTIONS
AND THEIR TEMPERATURE DEPENDENCE**

LOS ALAMOS NATIONAL LABORATORY



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OF THE UNIVERSITY OF CALIFORNIA LOS ALAMOS NEW MEXICO

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THORIUM CROSS SECTIONS
AND THEIR TEMPERATURE DEPENDENCE

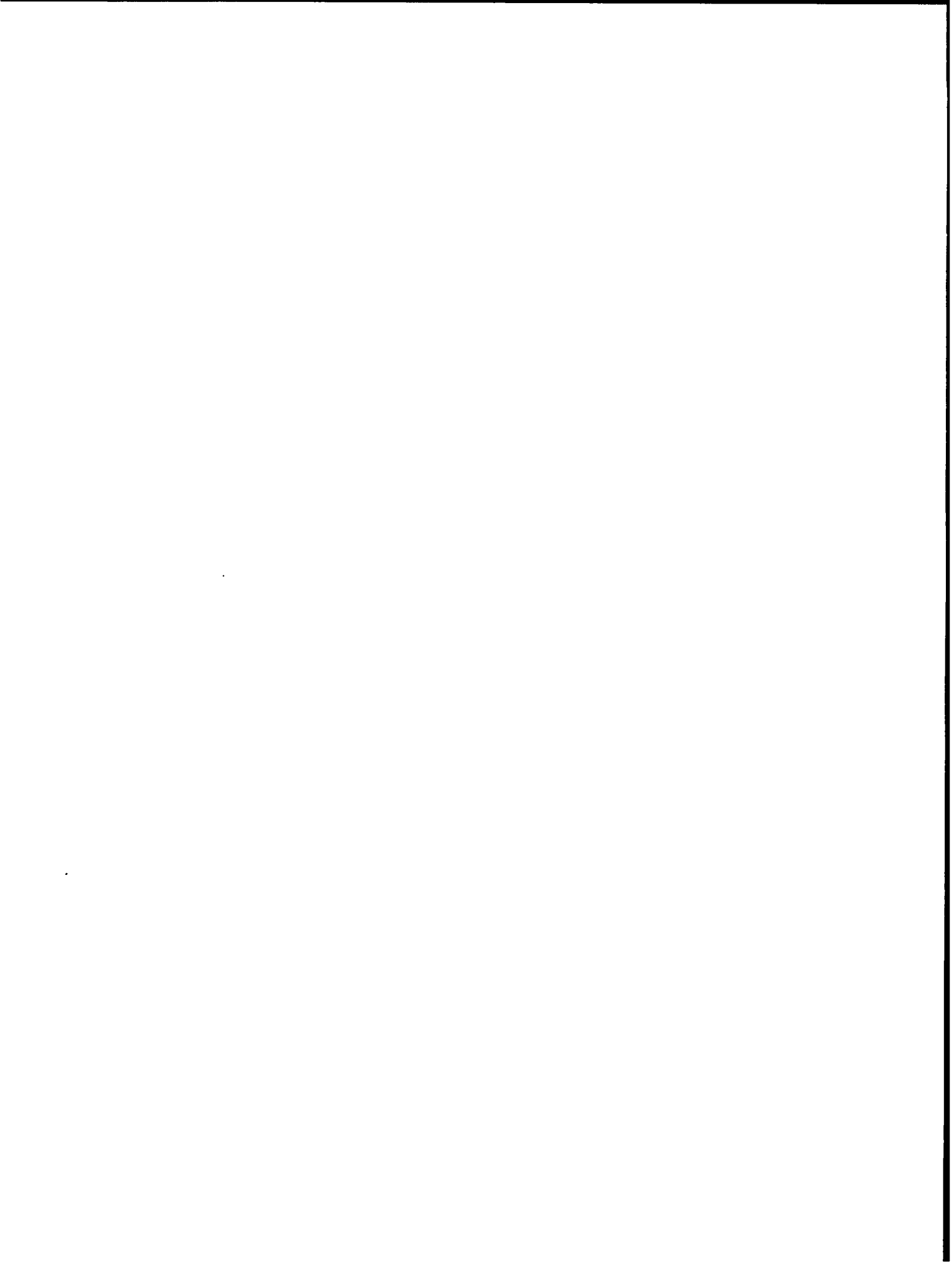
by

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Leona O. Bordwell
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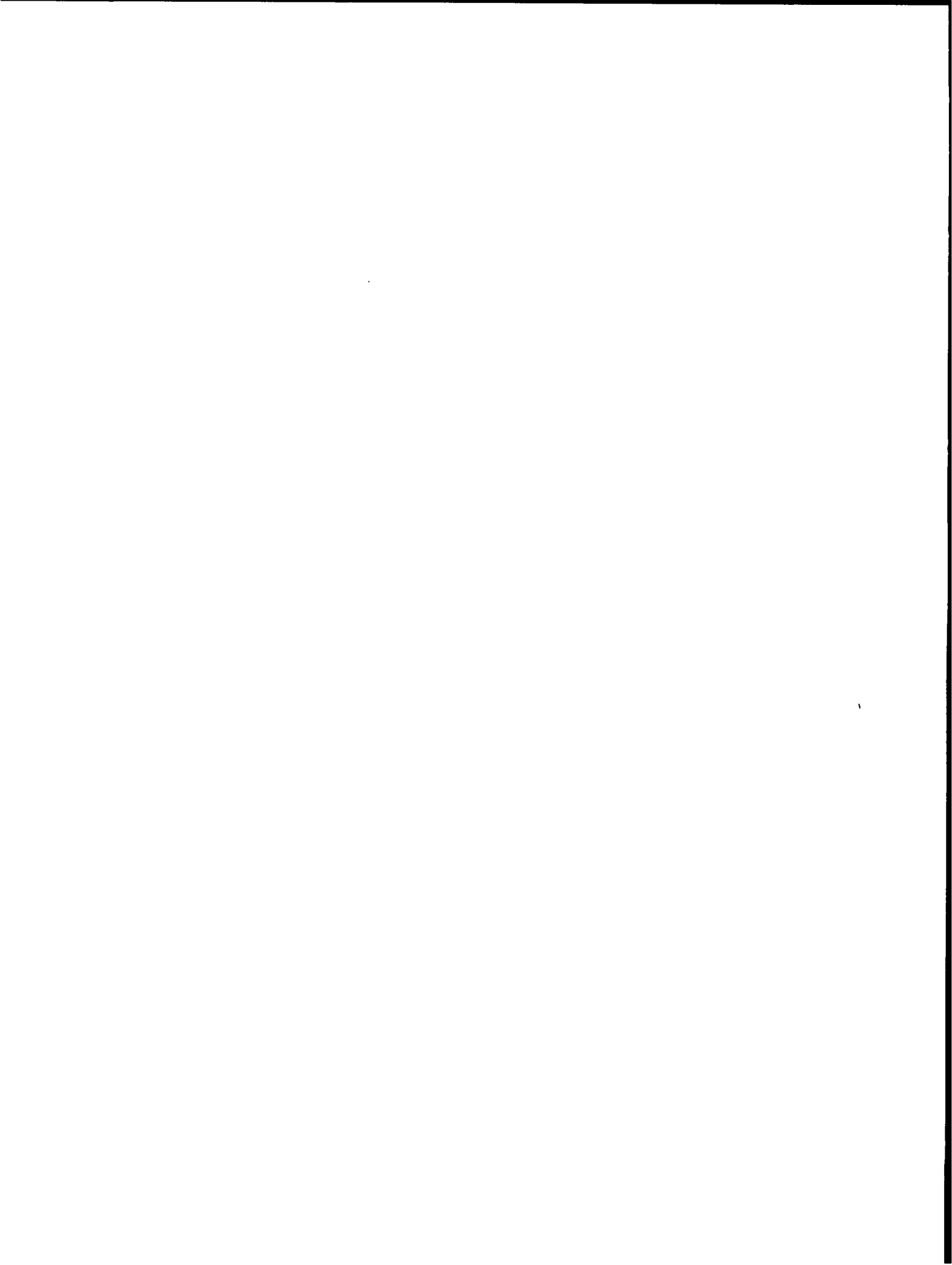


ABSTRACT

A Breit-Wigner analysis of thorium is folded into a Maxwellian velocity distribution to obtain total, scattering, and radiative capture cross sections for thorium-232 versus neutron energy from 0.0253 to 999 ev and for thorium temperatures of 0.0253 to 500 ev. We also call attention to omission of the factor $[(m + M)/M]^2$ from the laboratory system form of the Breit-Wigner single level formula.

ACKNOWLEDGMENTS

This paper is directly based on the parameters evaluated by neutron nuclear spectroscopists. We are especially grateful to the Brookhaven Compilation Group, the late Dr. D. J. Hughes, and to Professor J. Scott Desjardins for private communications. We are happy to acknowledge the many Los Alamos Scientific Laboratory groups that have participated in the preparation of this report, and particularly Mrs. Alice S. Luders for her careful preparation of the many graphs.



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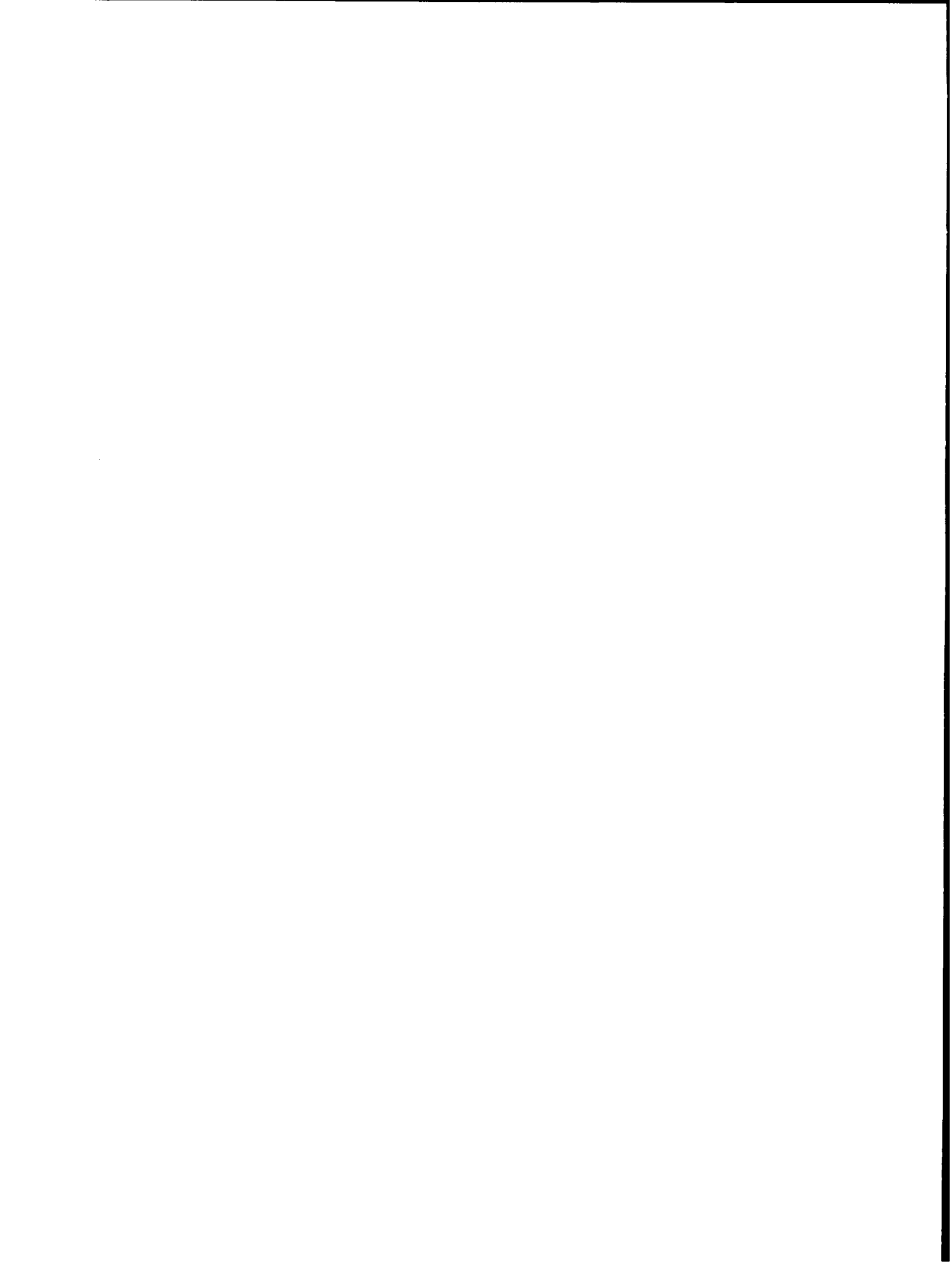
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I. METHOD

This work follows the method of Devaney, Goldstein, and Fagan.¹ In brief, this calculation yields the cross sections expected from thorium in thermal Maxwellian motion, assuming negligible reactive interference. That a Maxwellian velocity distribution is a useful approximation follows from the fact that the Debye temperature of thorium, 168°K,² is well below the temperatures considered here (0.0253 ev is 294°K).

We call the reader's attention to the fact that the cross sections presented here are evaluated by multiplying the relative velocity times the cross section and integrating over a three-dimensional Maxwellian velocity distribution, and then dividing by the laboratory neutron velocity; see the discussion in Devaney and Fagan (LA-2144).¹ Thus one gets the true reaction rate by multiplying our values by the laboratory

¹J. Devaney et al., series of Los Alamos Scientific Laboratory Reports on cross sections and their temperature dependence: Pu²³⁹, LA-2127 (1957); U²³⁸, LA-2144 (1958); W, LA-2289 (1958); and Mo, LA-2373 (1960). Available for sale from the Office of Technical Services, U. S. Department of Commerce, Washington 25, D. C.

²G. T. Furukawa and T. B. Douglas in D. E. Gray, Ed., American Institute of Physics Handbook, pp. 4-48, McGraw-Hill Book Company, Inc., New York, 1957. See discussion in H. E. Jackson, L. M. Bollinger, and R. E. Coté, Phys. Rev. Letters 6, 187 (1961).

neutron velocity times the particle density. Because of the large (about a factor of 200) spacing of the levels relative to their widths, it was judged that multilevel interference formulas were not necessary; see the discussion for tungsten in Devaney, Devaney, and Coward (LA-2289).

We also feel it proper to note that the factor $[(m + M)/M]^2$ has been universally omitted from the laboratory coordinate system single level Breit-Wigner resonance formulae (M is the target mass and m the neutron mass). This correction arises from conversion of the wave length at resonance, λ_0 , to the laboratory system according to the formula, $\lambda_{0, \text{center of mass}}^2 = \lambda_{0, \text{laboratory}}^2 \cdot [(m + M)/M]^2$, the rest of the simple Breit-Wigner formula being unchanged in form, because the widths and energies are changed by the same factor, $(m + M)/M$. As experimental accuracy improves it appears that the factor $[(m + M)/M]^2$ should be included even for heavy elements, but certainly in every case for light elements.³

³We are happy to acknowledge discussions on this point with Drs. George I. Bell and Jules S. Levin of the Los Alamos Scientific Laboratory, and with Dr. John A. Harvey of the Oak Ridge National Laboratory. We also acknowledge that this omission was independently noted by Dr. Frank Firk of the British Atomic Energy Research Establishment at Harwell (J. A. Harvey, private communication).

II. SOURCES OF DATA

The isotopic abundance is Th²³² 100%.⁴

The level parameters were obtained from Hughes, Magurno, and Brussel⁵ (first four resonances), and as estimated from a private communication of preliminary results from Desjardins, Rainwater, Rosen, and Havens⁶ (resonances five to fifty-two). The radiation width was taken to be 40 mv when not specifically given.⁶ We list below the level parameters used (laboratory system):

⁴G. H. Dieke in D. E. Gray, Ed., American Institute of Physics Handbook, pp. 7-12, McGraw-Hill Book Company, Inc., New York, 1957.

⁵D. J. Hughes, B. A. Magurno, and M. K. Brussel, Supplement No. 1 to "Neutron Cross Sections," Brookhaven National Laboratory Report BNL-325, 2nd Ed. (January 1, 1960).

⁶S. Desjardins, private communication (May 4, 1960) of tentative results by S. Desjardins, J. Rainwater, J. L. Rosen, and W. W. Havens, Jr.

Resonance Number, i	Resonance Energy E_i (ev)	Gamma Width Γ_i^1 (ev) γ	Reduced Neutron Width Γ_{no}^1 (ev)
52	-7.	0.034	0.00167
1	21.9	0.034	0.00051
2	23.6	0.035	0.00085
3	59.6	0.021	0.00060
4	69.7	0.043	0.0047
5	113.15	0.042	0.00104
6	121.0	0.041	0.00168
7	128.5	0.04	0.0000089
8	129.4	0.04	0.000265
9	146.2	0.04	0.00000827
10	154.6	0.04	0.000018
11	170.8	0.048	0.00445
12	193.0	0.05	0.00101
13	196.8	0.04	0.0000093
14	199.8	0.04	0.00064
15	203 ?	0.04	0.000003 ?
16	221.8	0.046	0.00154
17	252.3	0.042	0.00151
18	264.	0.04	0.00092
19	286.8	0.05	0.00122
20	306.5	0.04	0.00114
21	330.4	0.053	0.00302
22	343.3	0.04	0.00162
23	366.7	0.04	0.00183
24	371.0	0.04	0.00125
25	402.8	0.04	0.00045
26	413.4 ?	0.04	0.000005 ?
27	456.4 ?	0.04	0.000005 ?
28	465.0	0.04	0.00209
29	491.0	0.04	0.00226
30	513.	0.04	0.000154
31	531.5	0.04	0.00065
32	543.	0.04	0.000043
33	573.	0.04	0.00104
34	581.	0.04	0.000066
35	601.5	0.04	0.00045

Resonance Number, i	Resonance Energy E_i (ev)	Gamma Width Γ_γ^i (ev)	Reduced Neutron Width Γ_{no}^i (ev)
36	621.5	0.04	0.0002
37	660.5	0.04	0.00124
38	669.	0.04	0.00066
39	679.5	0.04	0.0048
40	692.	0.04	0.00148
41	705.	0.04	0.00068
42	717.5	0.04	0.00094
43	746.	0.04	0.00585
44	783.	0.04	0.00036
45	810.	0.04	0.0044
46	848.	0.04	0.00079
47	872.	0.04	0.00034
48	896.	0.04	0.001
49	950.	0.04	0.0013
50	970.	0.04	0.00024
51	990.	0.04	0.00076
53	998.	0.04	0.0022

To account for contributions of resonances outside the energy range considered in this study, we have added to the capture cross section $1/v$ terms of strength (at 0.0253 ev) 2.1024 barns. We found it necessary to include one negative energy resonance ($i = 52$ in table). The radius parameter $R = 9.9883$ fermis was chosen to give the best fit to the total cross section away from resonances. It should be noted that these parameters affect the cross sections over large regions of energy, and in fitting experimental points they are interdependent. The spin factor g is unity for thorium-232, an even-even isotope (spin zero).

A comparison of our values with experiment at thermal (0.0253 ev energy and temperature) follows (all quantities in barns).

Cross Section	Experiment ⁷	Our Calculation
σ_T	19.2 to 19.9	19.8
σ_C	7.56	7.56

III. RESULTS

The results of the calculation are presented in tables, each of which gives the total, scattering, and radiative capture cross section as a function of energy for one temperature. The temperatures increase by approximately a factor of 2 from thermal, 0.0253 ev to 500 ev. Of

⁷D. J. Hughes and R. B. Schwartz, "Neutron Cross Sections," Brookhaven National Laboratory Report BNL-325, 2nd Ed. (July, 1958).

course, only the first two or three tabulated figures are significant, and the last two figures give the exponent; thus, for example, 1.0576678×10^2 is read 106, and 9.3158847×10^{-1} is read 0.93.

The accuracy of these values primarily rests upon the accuracy of experiment. The computational mesh, the isolated level approximation, the use of a Maxwellian velocity distribution, the fitting of radius and l/v parameters, the use of an average radiative capture width where Γ_γ is not measured, the finite mass correction -- all these appear to have errors less than or the same order as experiment. The error in the experimental parameters is largest for the smallest resonances ($\pm 400\%$ in Γ_{no}^i at 128.5 ev), especially for those lying close to a large resonance, and is smallest for the larger resonances ($\pm 7\%$ at 170.8 ev). To facilitate comparison between temperatures, the computational accuracy has been held to well below $\pm 1\%$ except for temperatures of 10 ev and above where long running times forced coarsening of the mesh with consequent possible inaccuracies of as much as 1 or 2%. Graphs of the radiative capture cross section at a temperature of 0.0253 ev are included for illustrative purposes.

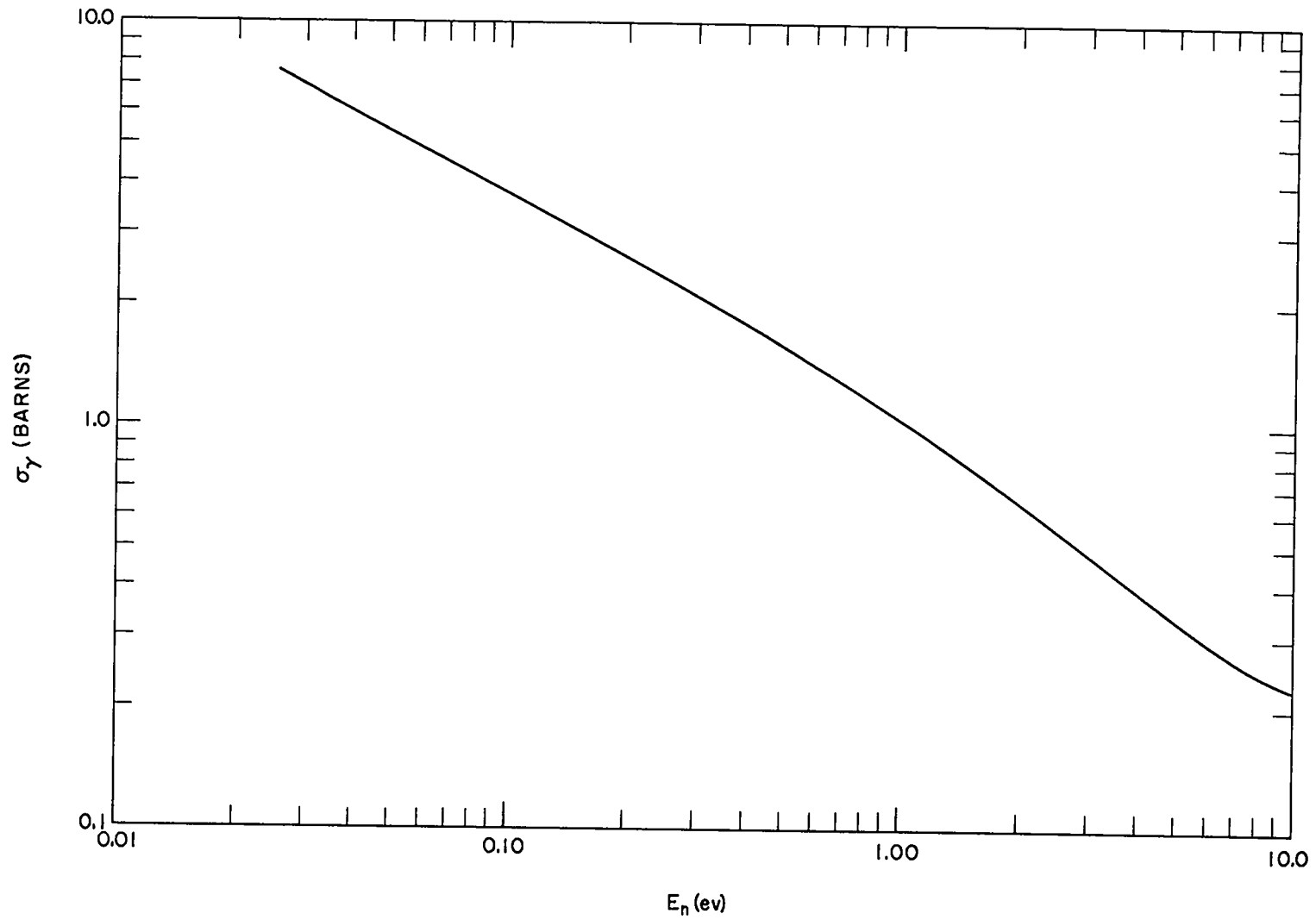


Fig. 1 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 0.0253 to 10 ev for $T = 0.0253$ ev.

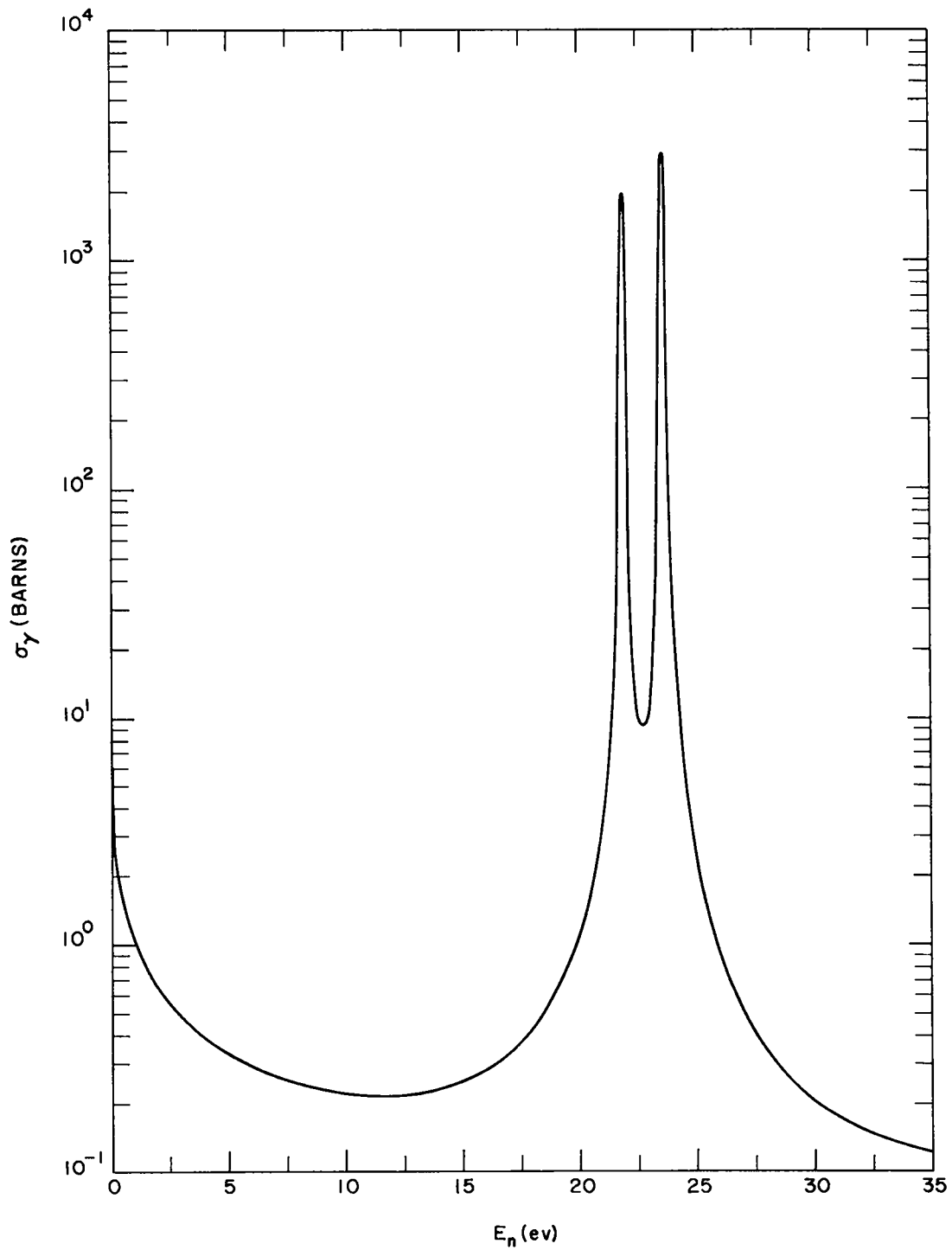


Fig. 2. Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 0 to 35 ev for $T = 0.0253$ ev.

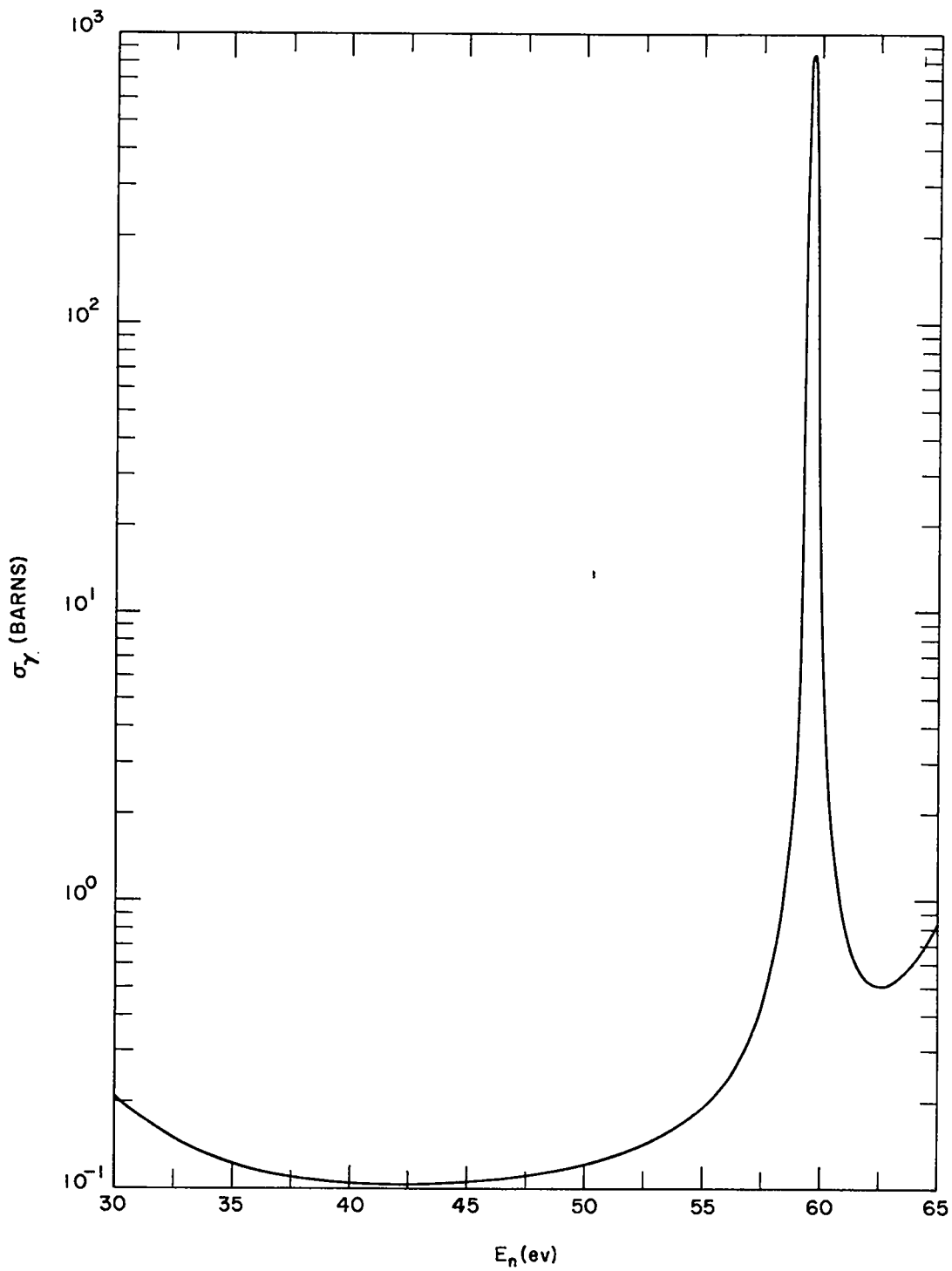


Fig. 3 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 30 to 65 ev for $T = 0.0253$ ev.

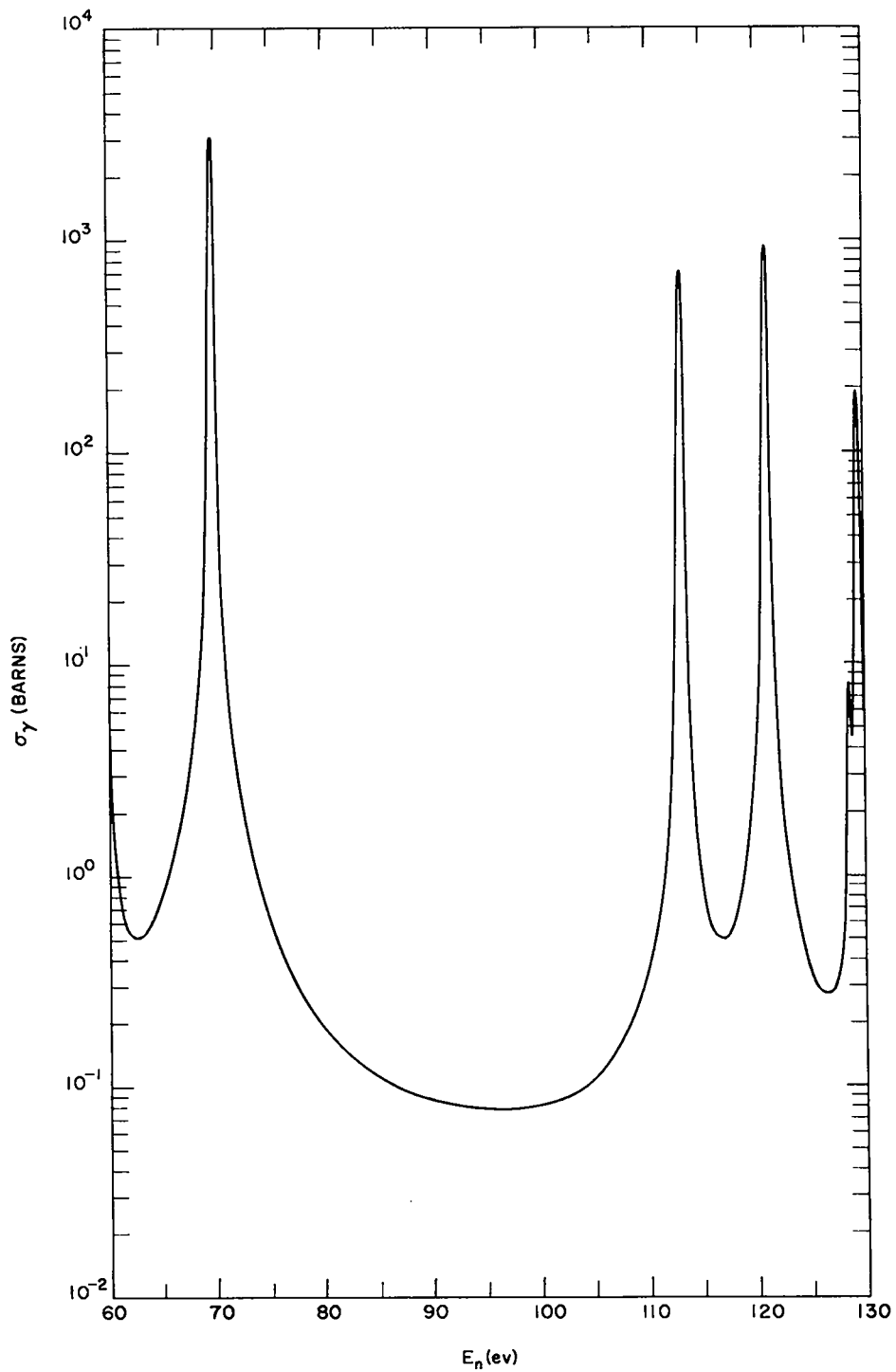


Fig. 4 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 60 to 130 ev for $T = 0.0253$ ev.

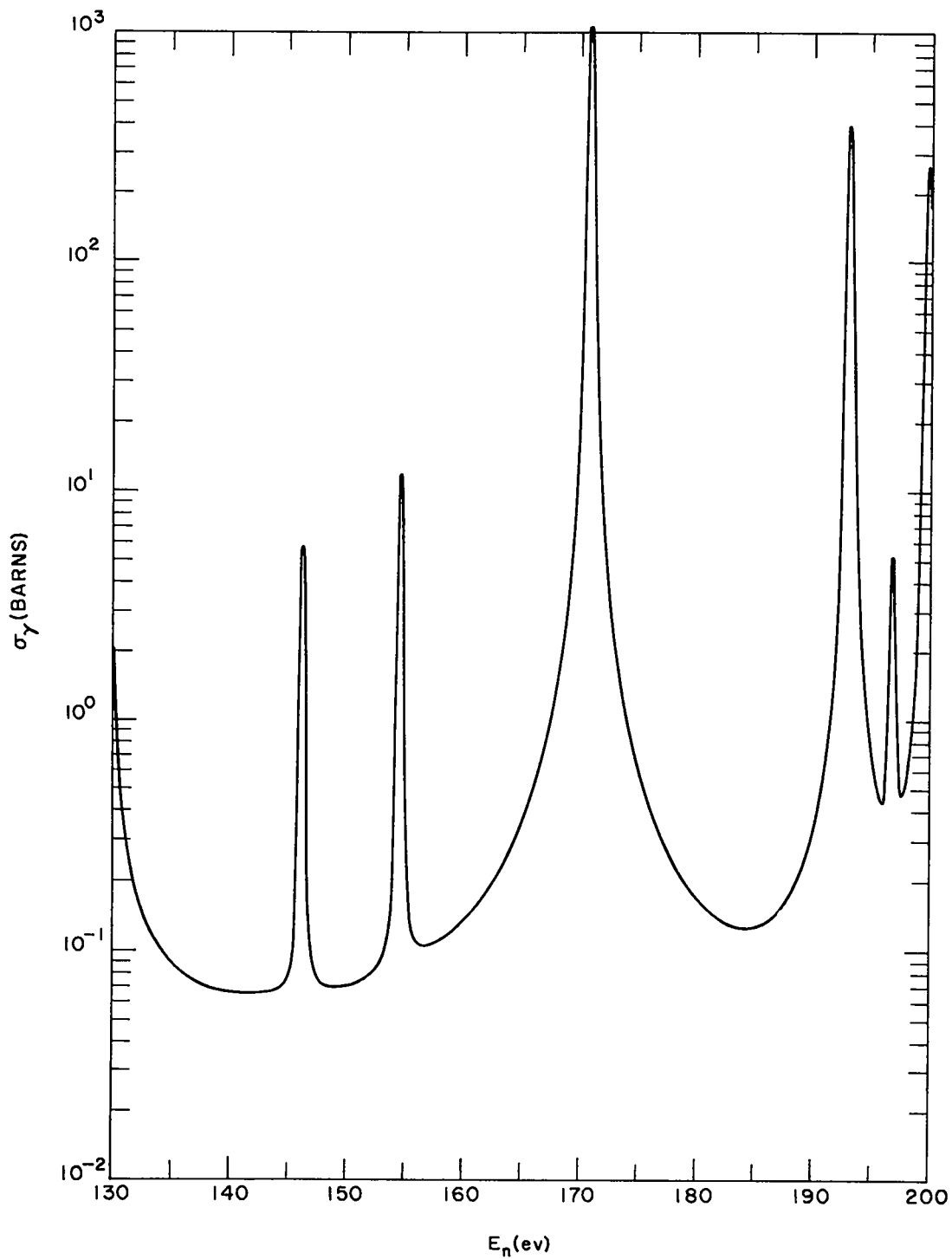


Fig. 5 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 130 to 200 ev for $T = 0.0253$ ev.

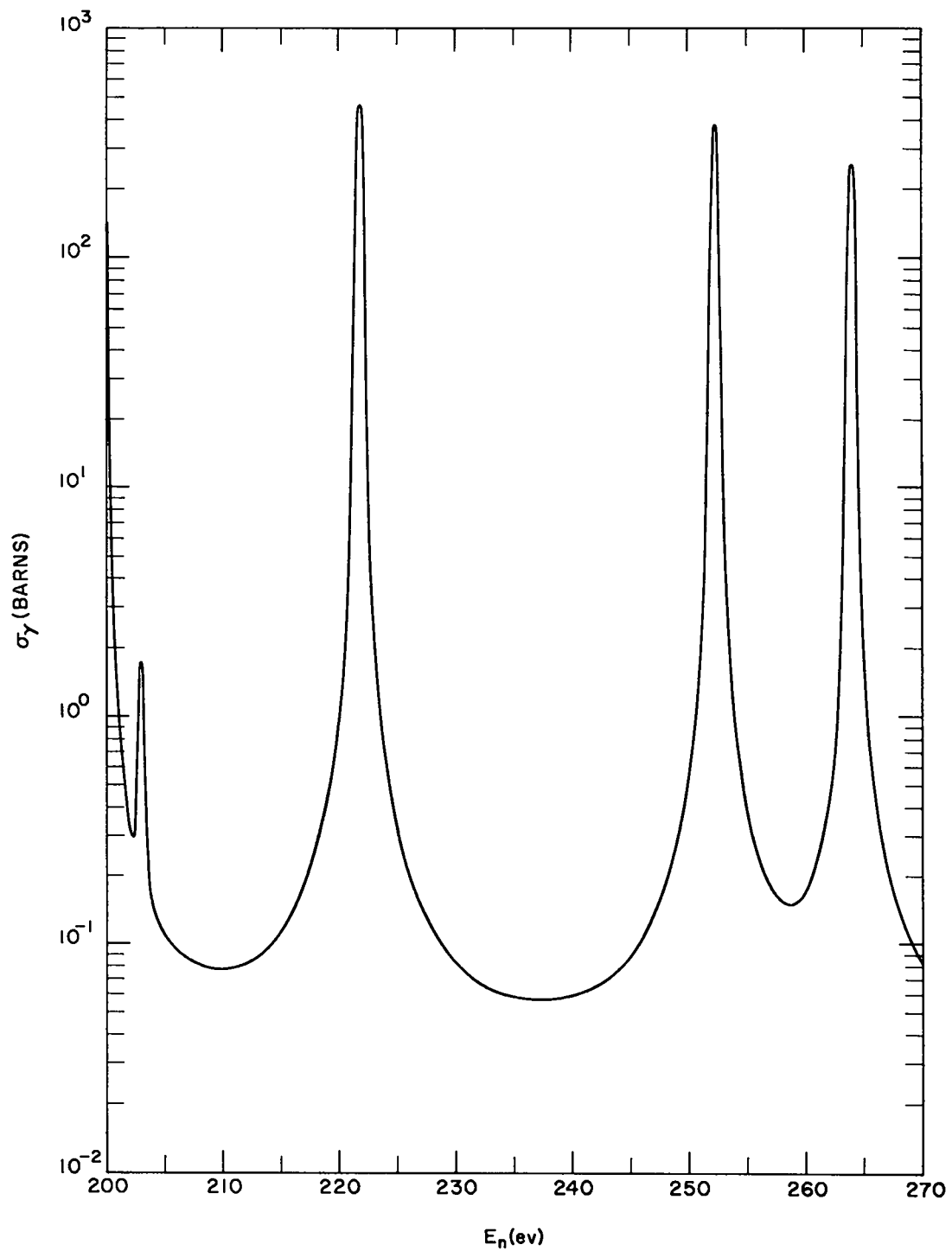


Fig. 6 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 200 to 270 ev for $T = 0.0253$ ev.

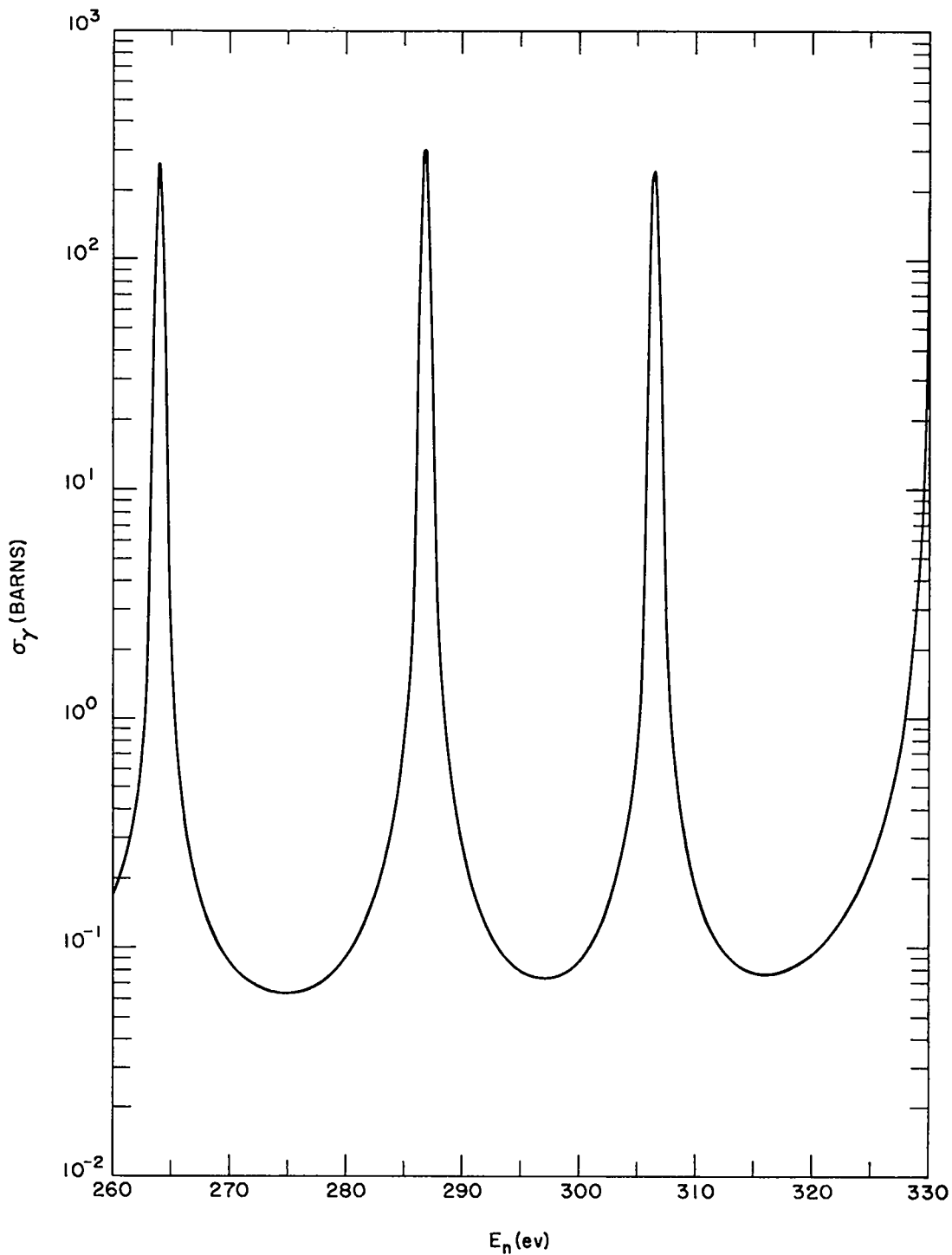


Fig. 7 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 260 to 330 eV for $T = 0.0253$ eV.

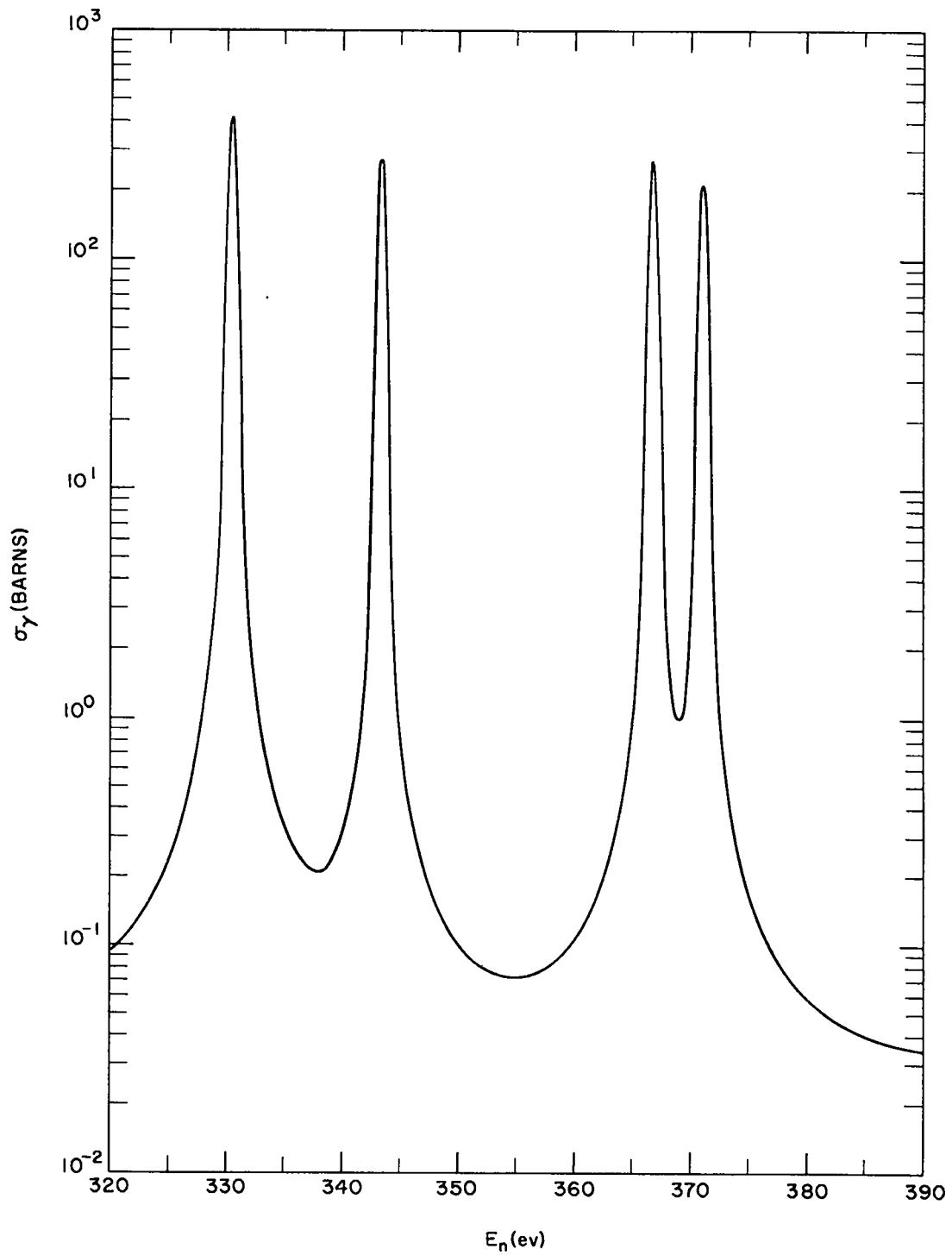


Fig. 8 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 320 to 390 ev for $T = 0.0253$ ev.

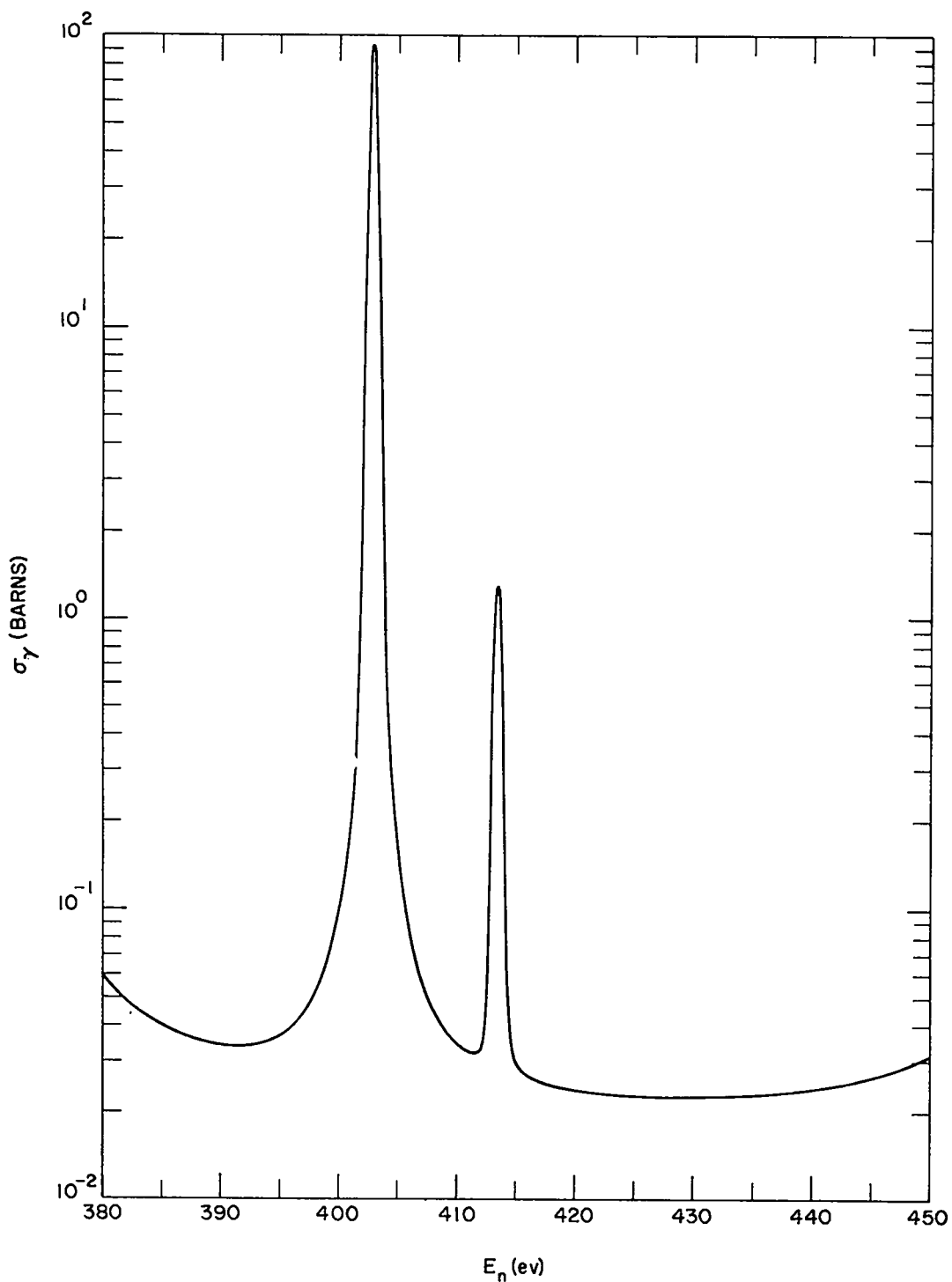


Fig. 9 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 380 to 450 ev for $T = 0.0253$ ev.

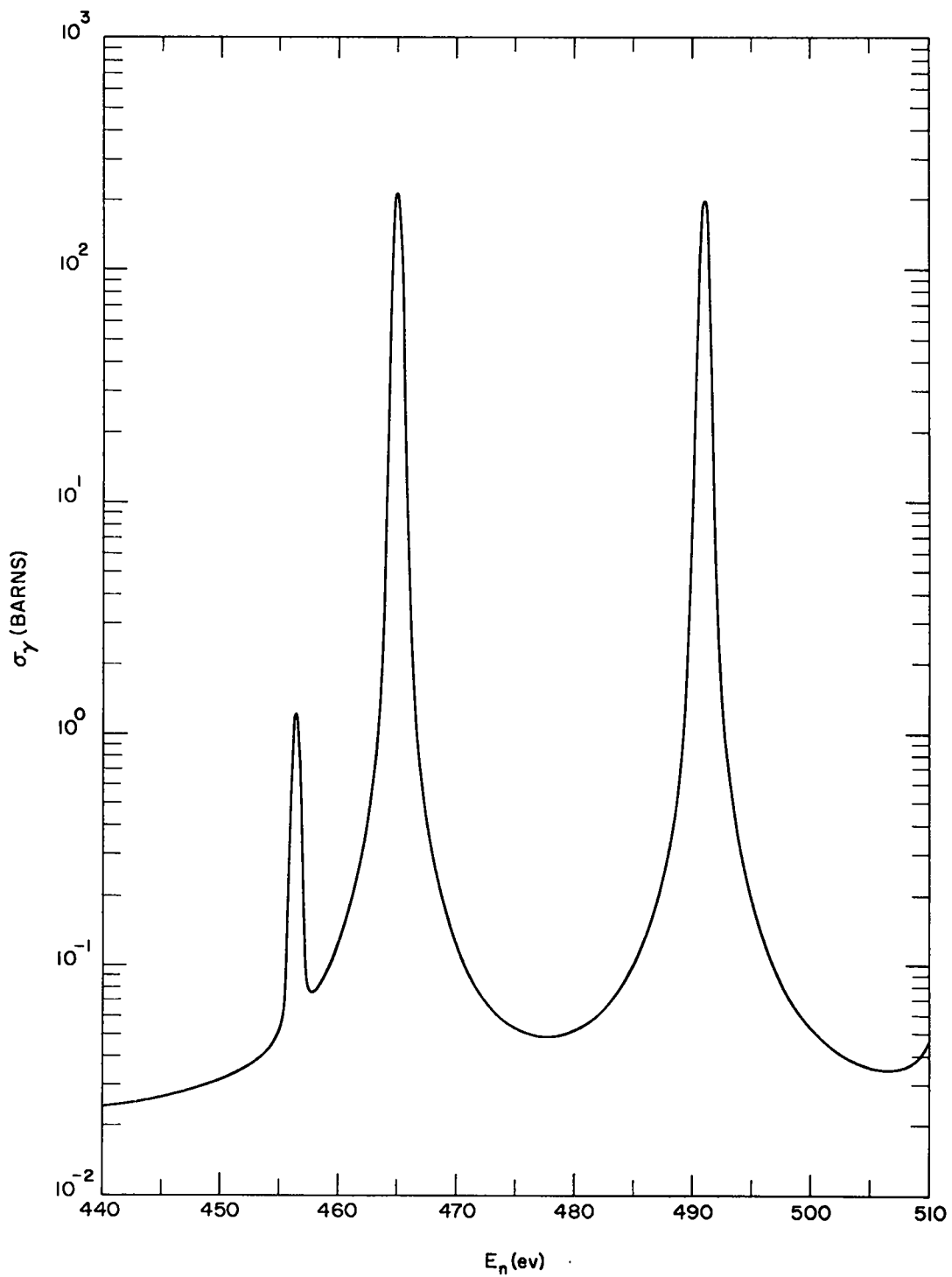


Fig. 10 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 440 to 510 ev for $T = 0.0253$ ev.

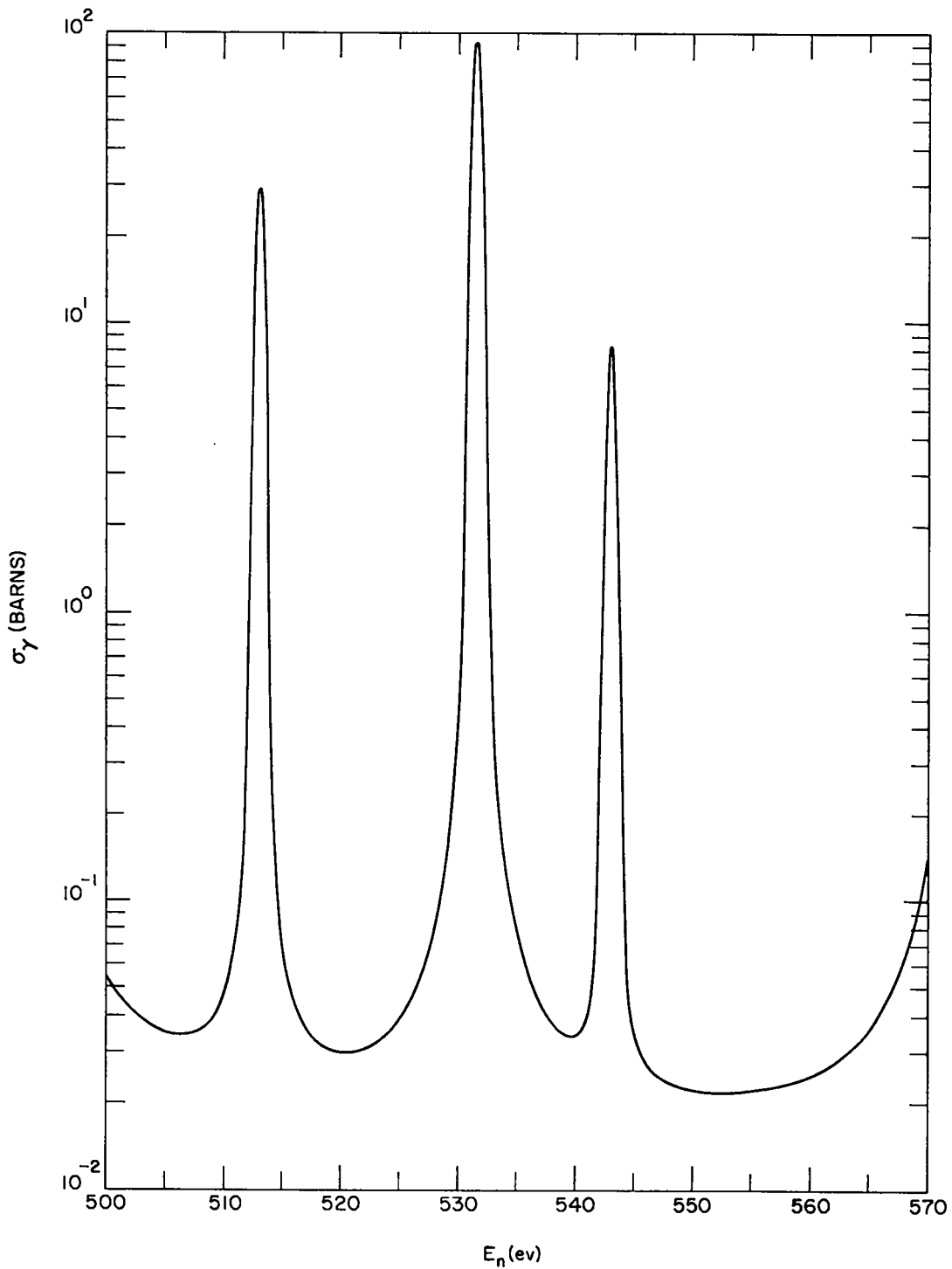


Fig. 11 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 500 to 570 ev for $T = 0.0253$ ev.

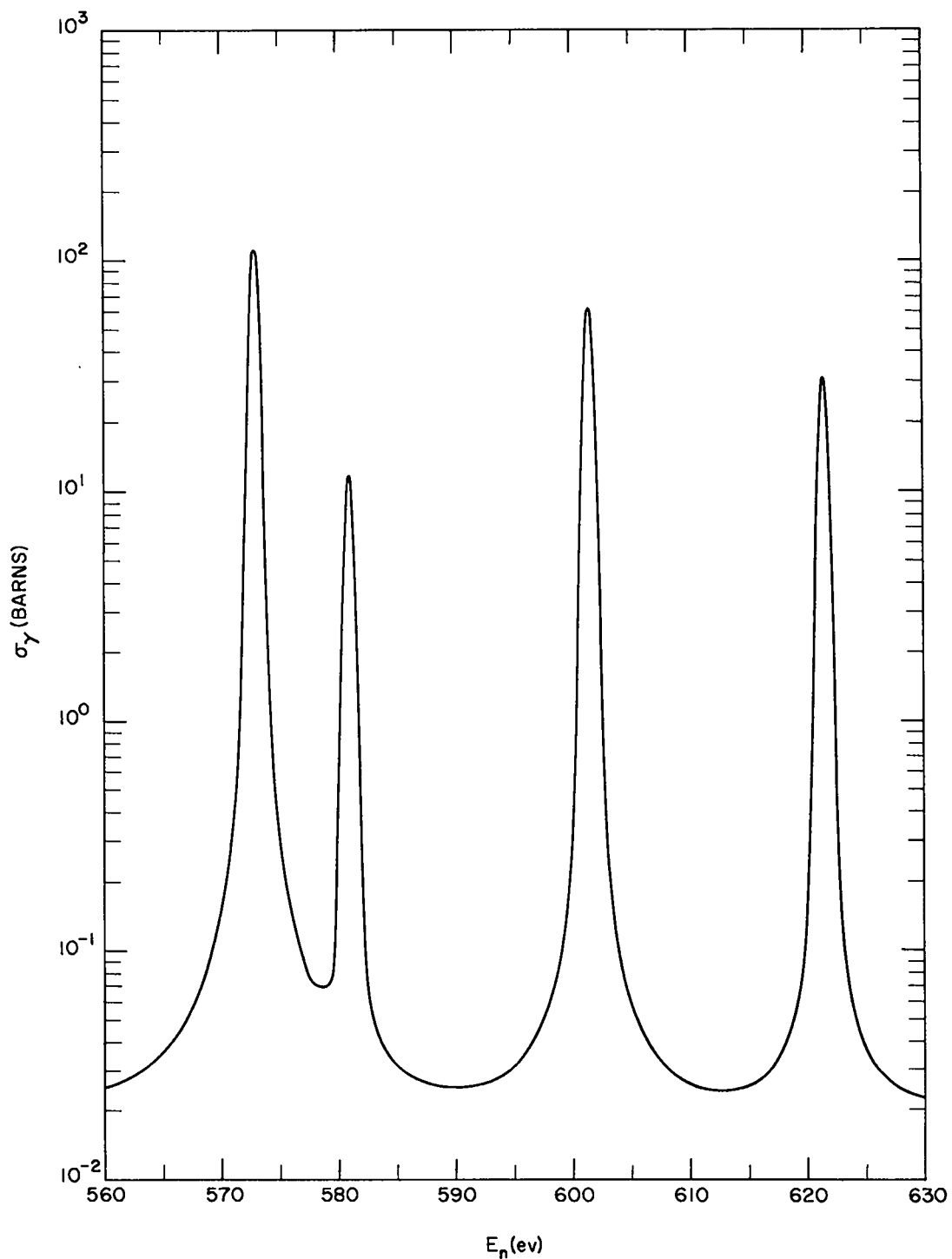


Fig. 12 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 560 to 630 ev for $T = 0.0253$ ev.

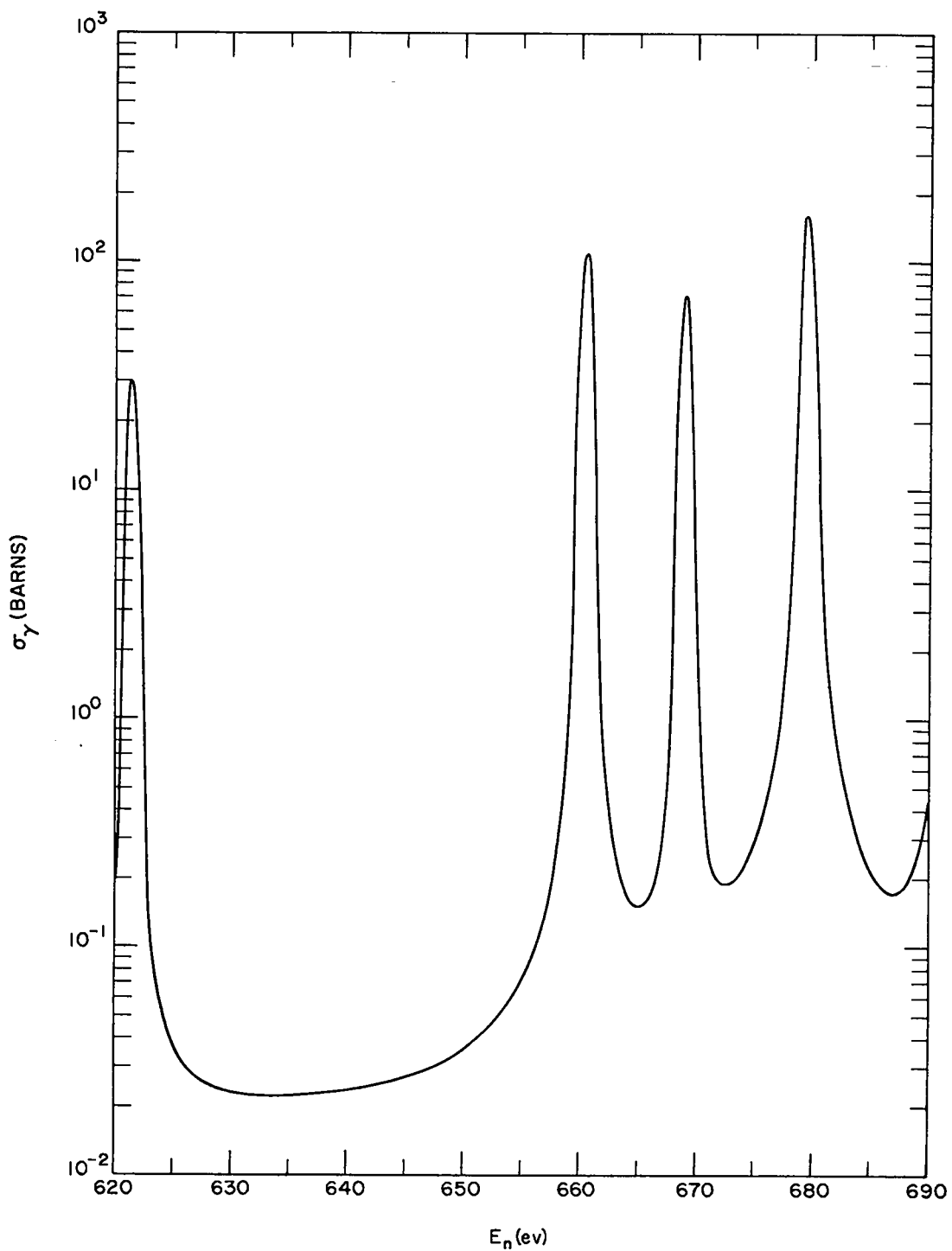


Fig. 13 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 620 to 690 ev for $T = 0.0253$ ev.

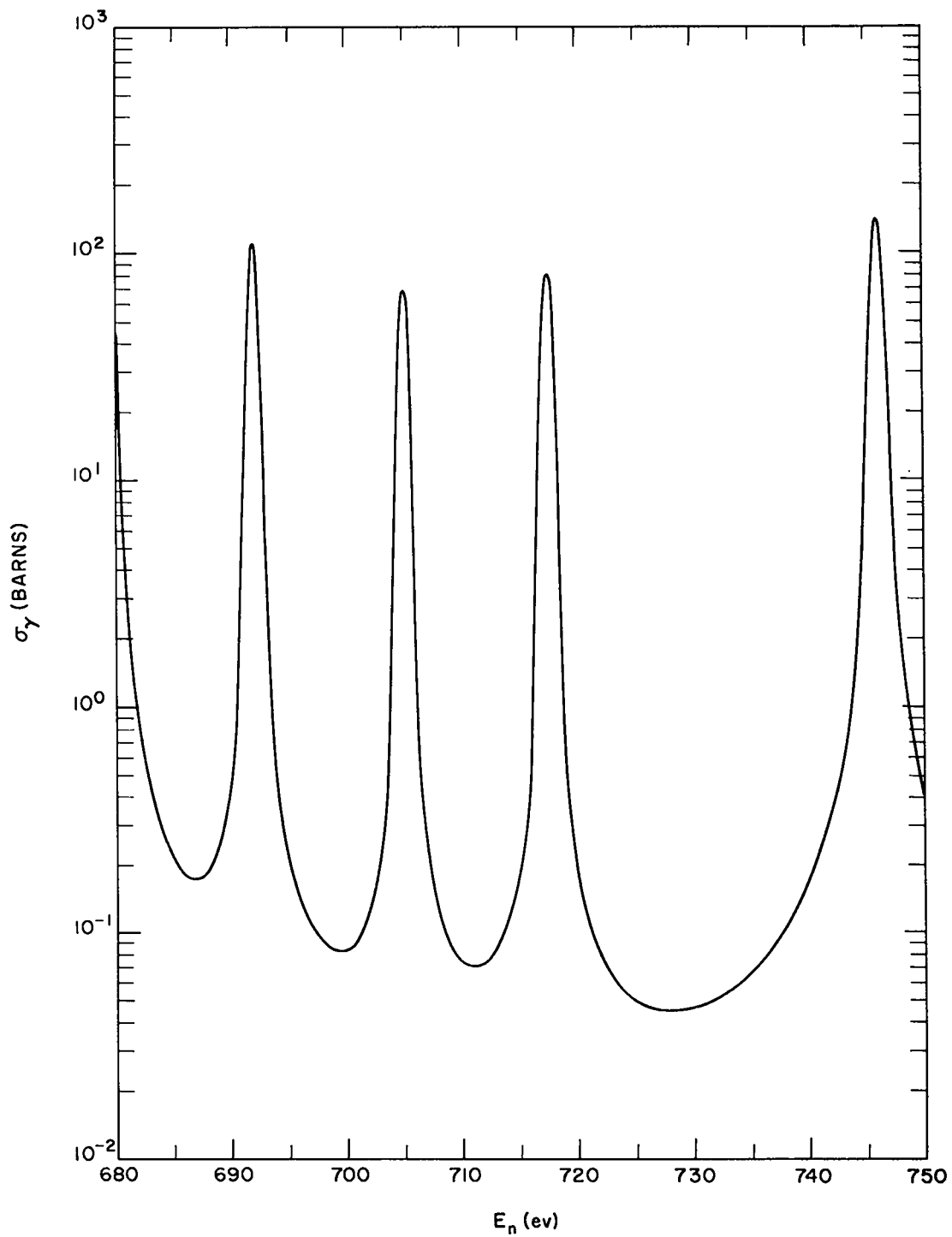


Fig. 14 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 680 to 750 ev for $T = 0.0253$ ev.

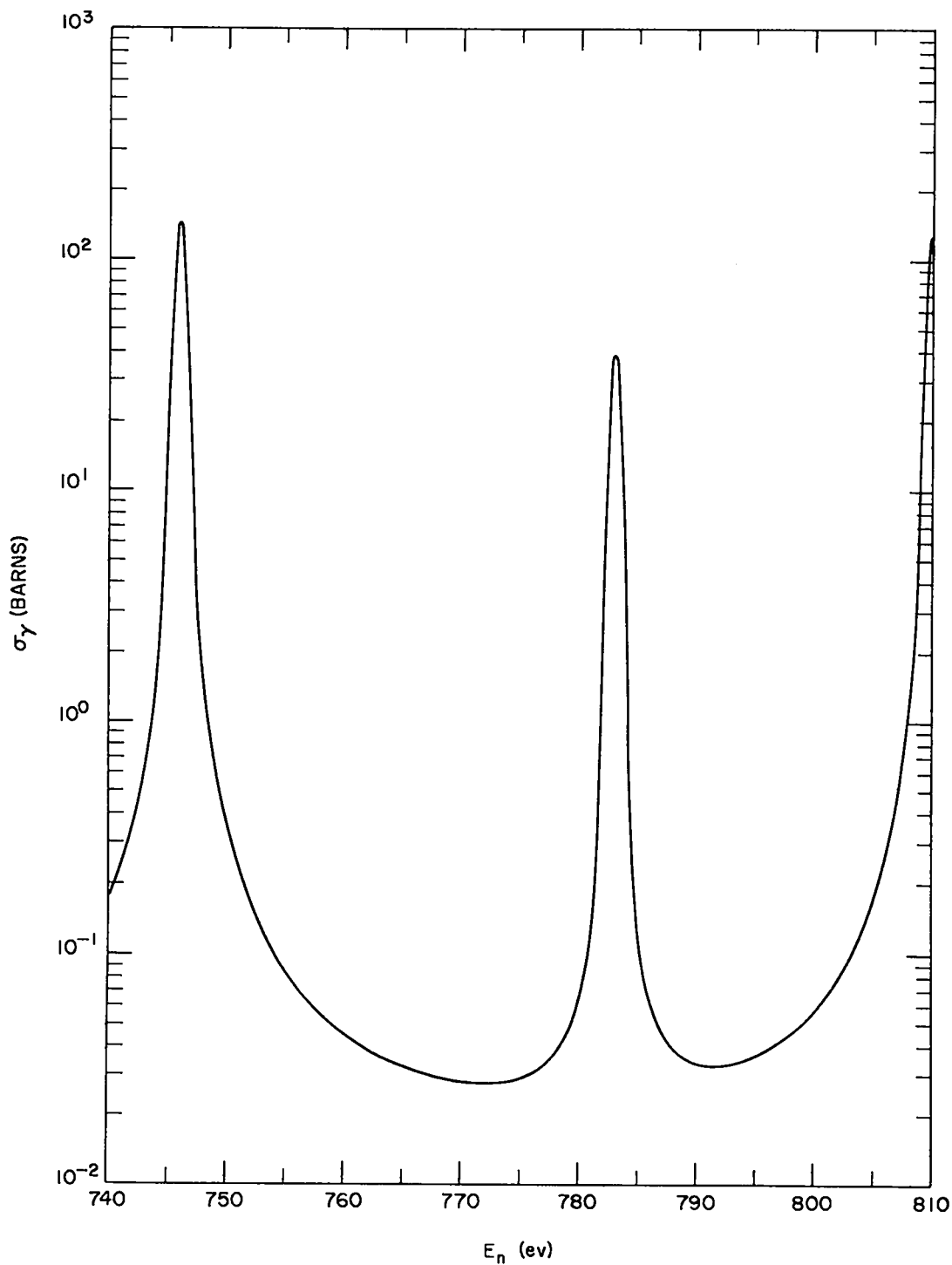


Fig. 15 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 740 to 810 ev for $T = 0.0253$ ev.

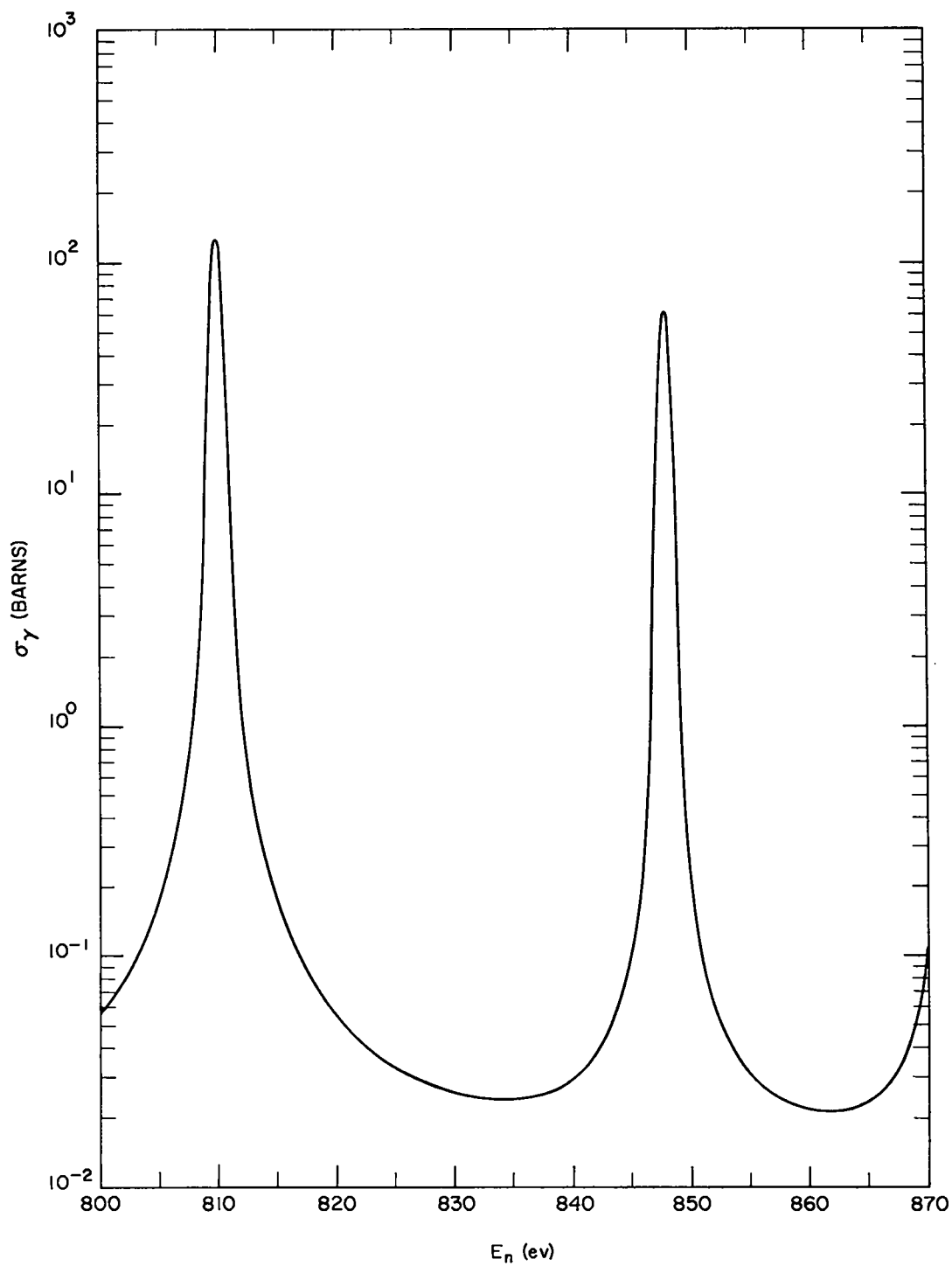


Fig. 16 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 800 to 870 eV for $T = 0.0253$ eV.

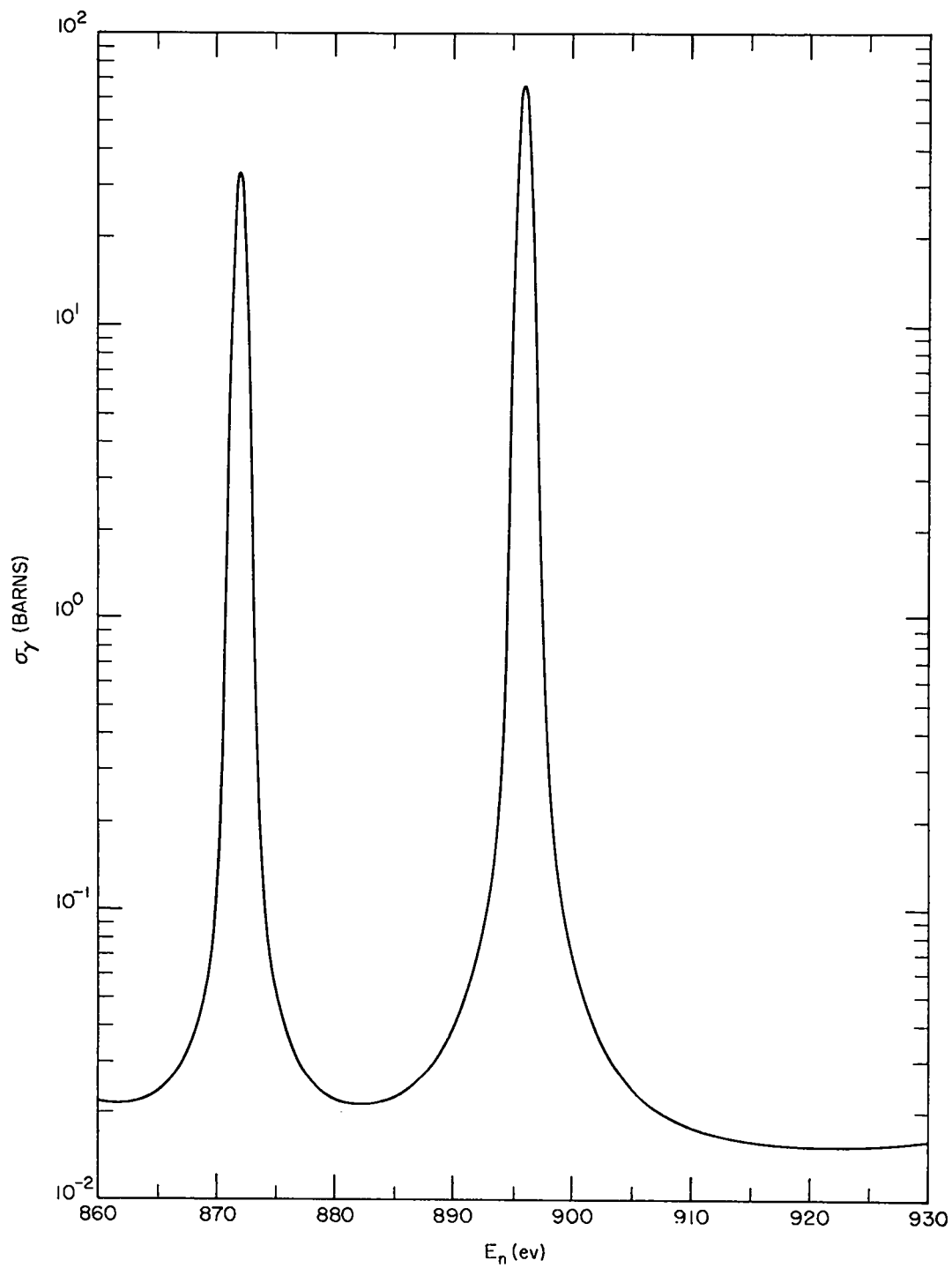


Fig. 17 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 860 to 930 ev for $\Gamma = 0.0253$ ev.

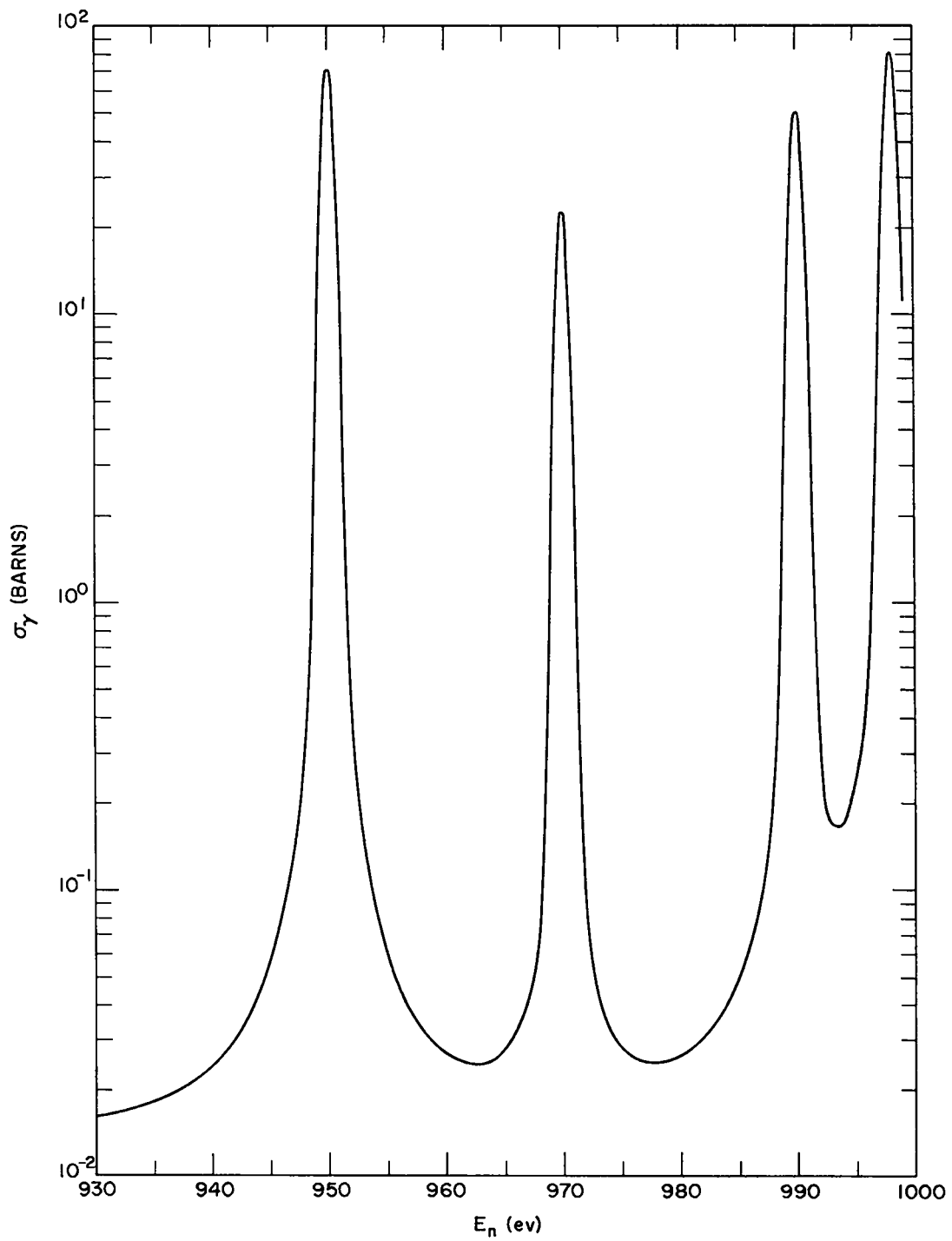


Fig. 18 Thorium-232 radiative capture cross section, σ_γ , versus neutron energy, E_n , from 930 to 1000 ev for $T = 0.0253$ ev.

TABLE I

Th²³² CROSS SECTIONSTh²³² Temperature = 0.0253 ev

Neutron Energy, E _n (ev)	Radiative Capture Cross Section, σ _γ (barns)	Scattering Cross Section, σ _s (barns)	Total Cross Section, σ _T (barns)
2.5300000-02	7.5600007 00	1.2245202 01	1.9805203 01
3.0000005-02	6.9369073 00	1.2240093 01	1.9177000 01
4.0000006-02	5.9970767 00	1.2232374 01	1.8229451 01
5.0000005-02	5.3546209 00	1.2226848 01	1.7581469 01
7.0000004-02	4.5098709 00	1.2218859 01	1.6728730 01
1.0000000-01	3.7537949 00	1.2209516 01	1.5963311 01
2.5000000-01	2.3150721 00	1.2174214 01	1.4489286 01
5.0000000-01	1.5731439 00	1.2123159 01	1.3696303 01
7.0000002-01	1.2902897 00	1.2085160 01	1.3375450 01
1.0000000 00	1.0350316 00	1.2031129 01	1.3066161 01
2.0000000 00	6.5017948-01	1.1873725 01	1.2523904 01
5.0000000 00	3.3381450-01	1.1523275 01	1.1857089 01
7.5000000 00	2.5632346-01	1.1295679 01	1.1552002 01
1.0000000 01	2.2557926-01	1.1080619 01	1.1306198 01
1.1000000 01	2.2133369-01	1.0990737 01	1.1212071 01
1.2000000 01	2.2133515-01	1.0895102 01	1.1116437 01
1.3000000 01	2.2606244-01	1.0790597 01	1.1016660 01
1.4000000 01	2.3669325-01	1.0673004 01	1.0909697 01
1.5000000 01	2.5554706-01	1.0536215 01	1.0791762 01
1.6000000 01	2.8710876-01	1.0370738 01	1.0657847 01
1.7000000 01	3.4055417-01	1.0160581 01	1.0501135 01
1.8000000 01	4.3690984-01	9.8760742 00	1.0312984 01
1.9000000 01	6.3429285-01	9.4536031 00	1.0087896 01
2.0000000 01	1.1568782 00	8.7213621 00	9.8782403 00
2.0250000 01	1.4339485 00	8.4367878 00	9.8707363 00
2.0500000 01	1.8562616 00	8.0759286 00	9.9321901 00
2.0750000 01	2.5571518 00	7.5975162 00	1.0154668 01
2.0875000 01	3.1019638 00	7.2917042 00	1.0393668 01
2.1000000 01	3.8789624 00	6.9207295 00	1.0799692 01
2.1125000 01	5.0514237 00	6.4581703 00	1.1509594 01
2.1250000 01	6.9625241 00	5.8604639 00	1.2822988 01
2.1375000 01	1.0448805 01	5.0510870 00	1.5499892 01
2.1500000 01	1.8097415 01	3.8897350 00	2.1987150 01
2.1550000 01	2.4167699 01	3.2815070 00	2.7449206 01
2.1600000 01	3.4793798 01	2.6034698 00	3.7397268 01
2.1650000 01	5.8330748 01	2.1368990 00	6.0467647 01
2.1670000 01	7.7130723 01	2.2970953 00	7.9427819 01
2.1700000 01	1.2871325 02	3.7216606 00	1.3243491 02
2.1750000 01	3.5115243 02	1.4590610 01	3.6574304 02
2.1800000 01	8.7983669 02	4.8416871 01	9.2825357 02
2.1850000 01	1.6179610 03	1.0541730 02	1.7233783 03
2.1900000 01	1.9937708 03	1.4776900 02	2.1415398 03
2.1950000 01	1.6116344 03	1.3707239 02	1.7487068 03
2.2000000 01	8.7542896 02	9.0938683 01	9.6636764 02
2.2050000 01	3.5057391 02	5.1122170 01	4.0169608 02
2.2100000 01	1.2930253 02	3.0979421 01	1.6028195 02
2.2150000 01	5.8981114 01	2.2698696 01	8.1679810 01
2.2200000 01	3.5561715 01	1.8897722 01	5.4459437 01
2.2250000 01	2.5157921 01	1.6684178 01	4.1842099 01
2.2300000 01	1.9343283 01	1.5167305 01	3.4510588 01
2.2350000 01	1.5708839 01	1.4029588 01	2.9738427 01
2.2400000 01	1.3306385 01	1.3124306 01	2.6430691 01
2.2450000 01	1.1674058 01	1.2370890 01	2.4044948 01
2.2500000 01	1.0560502 01	1.1720323 01	2.2280825 01
2.2625000 01	9.2287267 00	1.0356047 01	1.9584774 01
2.2750000 01	9.3170103 00	9.1556336 00	1.8472644 01
2.2875000 01	1.0708920 01	7.9480289 00	1.8656949 01
2.3000000 01	1.3989113 01	6.5899769 00	2.0579090 01
2.3050000 01	1.6186645 01	5.9693010 00	2.2155946 01
2.3100000 01	1.9219656 01	5.2870090 00	2.4506665 01
2.3150000 01	2.3522542 01	4.5321009 00	2.8054643 01
2.3200000 01	2.9894027 01	3.7008288 00	3.3594856 01

TABLE I (Continued)

T = 0.0253 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
2.3250000 01	3.9999807 01	2.8231068 00	4.2822914 01
2.3300000 01	5.8214466 01	2.1022110 00	6.0316676 01
2.3350000 01	9.9947544 01	2.7330751 00	1.0268062 02
2.3400000 01	2.2299853 02	1.0558501 01	2.3355703 02
2.3450000 01	5.8472011 02	4.4312919 01	6.2903303 02
2.3500000 01	1.3771532 03	1.3262779 02	1.5097810 03
2.3550000 01	2.4177616 03	2.6639618 02	2.6841578 03
2.3600000 01	2.9309482 03	3.5713061 02	3.2880788 03
2.3650000 01	2.4085750 03	3.2603821 02	2.7346132 03
2.3700000 01	1.3697144 03	2.1527060 02	1.5849850 03
2.3750000 01	5.8239184 02	1.1794587 02	7.0033770 02
2.3800000 01	2.2235726 02	6.6954058 01	2.8931132 02
2.3850000 01	9.9114743 01	4.5883457 01	1.4499820 02
2.3900000 01	5.7123081 01	3.6707429 01	9.3830509 01
2.3950000 01	3.8786475 01	3.1724439 01	7.0510914 01
2.4000000 01	2.8588801 01	2.8499444 01	5.7088245 01
2.4125000 01	1.5977689 01	2.3759097 01	3.9736786 01
2.4250000 01	1.0330914 01	2.1133007 01	3.1463921 01
2.4375000 01	7.2813173 00	1.9450874 01	2.6732192 01
2.4500000 01	5.4376138 00	1.8275643 01	2.3713257 01
2.4625000 01	4.2337674 00	1.7405085 01	2.1638852 01
2.4750000 01	3.4022199 00	1.6732394 01	2.0134614 01
2.4875000 01	2.8025505 00	1.6195707 01	1.8998258 01
2.5000000 01	2.3551089 00	1.5756675 01	1.8111784 01
2.5500000 01	1.3517756 00	1.4578735 01	1.5930510 01
2.6000000 01	8.9762021-01	1.3883470 01	1.4781090 01
2.6500000 01	6.5215987-01	1.3418869 01	1.4071029 01
2.7000000 01	5.0386494-01	1.3083257 01	1.3587122 01
2.8000000 01	3.4042186-01	1.2624472 01	1.2964894 01
2.9000000 01	2.5662873-01	1.2319326 01	1.2575955 01
3.0000000 01	2.0785563-01	1.2096718 01	1.2304574 01
3.5000000 01	1.2308962-01	1.1462816 01	1.1585906 01
4.0000000 01	1.0513145-01	1.1070068 01	1.1175199 01
4.5000000 01	1.0524955-01	1.0695380 01	1.0800630 01
5.0000000 01	1.2192490-01	1.0220933 01	1.0342858 01
5.0500000 01	1.2512207-01	1.0161354 01	1.0286476 01
5.1000000 01	1.2876748-01	1.0098329 01	1.0227096 01
5.1500000 01	1.3294192-01	1.0031357 01	1.0164299 01
5.2000000 01	1.3775003-01	9.9598349 00	1.0097585 01
5.3000000 01	1.4986787-01	9.7999782 00	9.9498459 00
5.4000000 01	1.6695770-01	9.6100761 00	9.7770337 00
5.5000000 01	1.9283564-01	9.3750281 00	9.5678637 00
5.5500000 01	2.1155443-01	9.2322941 00	9.4438485 00
5.6000000 01	2.3688041-01	9.0649866 00	9.3018669 00
5.6500000 01	2.7307643-01	8.8629247 00	9.1360011 00
5.7000000 01	3.2882568-01	8.6085740 00	8.9373997 00
5.7500000 01	4.2430043-01	8.2686485 00	8.6929489 00
5.8000000 01	6.1625030-01	7.7706065 00	8.3868568 00
5.8250000 01	7.9953496-01	7.4119077 00	8.2114426 00
5.8500000 01	1.1233853 00	6.9189209 00	8.0423062 00
5.8520000 01	1.1596961 00	6.8710913 00	8.0307874 00
5.8540000 01	1.1981582 00	6.8217028 00	8.0198610 00
5.8560000 01	1.2389524 00	6.7706714 00	8.0096238 00
5.8580000 01	1.2822700 00	6.7179114 00	8.0001814 00
5.8600000 01	1.3283331 00	6.6633241 00	7.9916572 00
5.8620000 01	1.3773877 00	6.6068030 00	7.9841906 00
5.8640000 01	1.4297064 00	6.5482374 00	7.9779438 00
5.8660000 01	1.4855867 00	6.4875136 00	7.9731003 00
5.8680000 01	1.5453731 00	6.4245009 00	7.9699740 00
5.8700000 01	1.6094525 00	6.3590526 00	7.9685051 00
5.8720000 01	1.6782559 00	6.2910241 00	7.9692799 00
5.8740000 01	1.7522739 00	6.2202497 00	7.9725236 00

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
5.8760000 01	1.8320651 00	6.1465535 00	7.9786186 00
5.8780000 01	1.9182674 00	6.0697389 00	7.9880063 00
5.8800000 01	2.0116188 00	5.9895956 00	8.0012144 00
5.8820000 01	2.1129629 00	5.9058930 00	8.0188558 00
5.8840000 01	2.2232580 00	5.8183995 00	8.0416575 00
5.8860000 01	2.3436675 00	5.7268206 00	8.0704881 00
5.8880000 01	2.4755035 00	5.6308775 00	8.1063810 00
5.8900000 01	2.6203561 00	5.5302390 00	8.1505951 00
5.8919999 01	2.7800934 00	5.4245617 00	8.2046551 00
5.8940000 01	2.9569737 00	5.3134653 00	8.2704390 00
5.8959999 01	3.1537912 00	5.1965473 00	8.3503385 00
5.8980000 01	3.3739445 00	5.0733922 00	8.4473367 00
5.9000000 01	3.6217479 00	4.9435700 00	8.5653179 00
5.9020000 01	3.9028623 00	4.8066996 00	8.7095619 00
5.9040000 01	4.2249185 00	4.6624999 00	8.8874184 00
5.9060000 01	4.5985230 00	4.5109815 00	9.1095045 00
5.9080000 01	5.0391533 00	4.3526632 00	9.3918165 00
5.9100000 01	5.5700025 00	4.1891304 00	9.7591329 00
5.9110000 01	5.8796490 00	4.1064107 00	9.9860597 00
5.9120000 01	6.2265783 00	4.0238987 00	1.0250477 01
5.9130000 01	6.6183028 00	3.9426062 00	1.0560909 01
5.9140000 01	7.0645020 00	3.8638250 00	1.0928327 01
5.9150000 01	7.5767871 00	3.7893379 00	1.1366125 01
5.9160000 01	8.1701824 00	3.7214175 00	1.1891600 01
5.9170000 01	8.8630590 00	3.6631210 00	1.2526180 01
5.9180000 01	9.6783228 00	3.6183492 00	1.3296672 01
5.9190000 01	1.0643379 01	3.5920230 00	1.4235402 01
5.9200000 01	1.1792768 01	3.5903161 00	1.5383084 01
5.9210000 01	1.3167552 01	3.6210759 00	1.6788628 01
5.9220000 01	1.4818426 01	3.6939881 00	1.8512414 01
5.9229999 01	1.6803810 01	3.8206260 00	2.0624436 01
5.9240000 01	1.9193181 01	4.0149322 00	2.3208113 01
5.9250000 01	2.2069456 01	4.2939131 00	2.6363369 01
5.9260000 01	2.5529224 01	4.6777758 00	3.0207000 01
5.9270000 01	2.9678888 01	5.1892629 00	3.4868151 01
5.9280000 01	3.4639569 01	5.8544760 00	4.0494045 01
5.9290000 01	4.0549268 01	6.7038422 00	4.7253110 01
5.9300000 01	4.7563558 01	7.7722483 00	5.5335806 01
5.9310000 01	5.5839260 01	9.0958457 00	6.4935106 01
5.9320000 01	6.5544284 01	1.0713619 01	7.6257902 01
5.9330000 01	7.6861208 01	1.2668848 01	8.9530056 01
5.9340000 01	8.9982647 01	1.5008553 01	1.0499120 02
5.9350000 01	1.0508253 02	1.7777181 01	1.2285971 02
5.9359999 01	1.2231076 02	2.1014640 01	1.4332540 02
5.9370000 01	1.4183858 02	2.4766320 01	1.6660490 02
5.9380000 01	1.6381218 02	2.9074820 01	1.9288700 02
5.9390000 01	1.8832637 02	3.3973400 01	2.2229977 02
5.9399999 01	2.1539864 02	3.9478249 01	2.5487689 02
5.9410000 01	2.4504392 02	4.5605061 01	2.9064898 02
5.9420000 01	2.7726347 02	5.2369110 01	3.2963258 02
5.9430000 01	3.1191981 02	5.9757511 01	3.7167732 02
5.9439999 01	3.4875654 02	6.7729050 01	4.1648559 02
5.9450000 01	3.8751176 02	7.6238610 01	4.6375037 02
5.9460000 01	4.2791459 02	8.5241119 01	5.1315572 02
5.9470000 01	4.6954608 02	9.4660610 01	5.6420669 02
5.9480000 01	5.1179456 02	1.0437407 02	6.1616863 02
5.9490000 01	5.5409413 02	1.1426217 02	6.6835630 02
5.9500000 01	5.9593069 02	1.2421601 02	7.2014671 02
5.9510000 01	6.3668056 02	1.3410615 02	7.7078671 02
5.9520000 01	6.7551855 02	1.4375119 02	8.1926974 02
5.9530000 01	7.1169416 02	1.5297557 02	8.6466972 02
5.9540000 01	7.4469626 02	1.6165559 02	9.0635185 02

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
5.9550000 01	7.7394858 02	1.6965655 02	9.4360514 02
5.9560000 01	7.9870925 02	1.7680175 02	9.7551099 02
5.9570000 01	8.1836959 02	1.8293102 02	1.0013006 03
5.9580000 01	8.3266946 02	1.8795993 02	1.0206294 03
5.9590000 01	8.4144792 02	1.9183238 02	1.0332803 03
5.9600000 01	8.4435206 02	1.9444894 02	1.0388010 03
5.9610000 01	8.4117078 02	1.9572931 02	1.0369001 03
5.9620000 01	8.3212246 02	1.9568794 02	1.0278104 03
5.9630000 01	8.1755831 02	1.9437939 02	1.0119377 03
5.9640000 01	7.9767731 02	1.9182698 02	9.8950429 02
5.9650000 01	7.7272713 02	1.8805791 02	9.6078504 02
5.9660000 01	7.4330619 02	1.8317733 02	9.2648351 02
5.9669999 01	7.1018858 02	1.7734071 02	8.8752929 02
5.9680000 01	6.7392178 02	1.7066095 02	8.4458273 02
5.9690000 01	6.3505453 02	1.6324707 02	7.9830160 02
5.9700000 01	5.9430608 02	1.5524620 02	7.4955228 02
5.9709999 01	5.5249805 02	1.4683860 02	6.9933664 02
5.9720000 01	5.1027416 02	1.3817230 02	6.4844647 02
5.9730000 01	4.6812258 02	1.2935996 02	5.9748254 02
5.9740000 01	4.2661154 02	1.2053061 02	5.4714214 02
5.9750000 01	3.8633249 02	1.1182489 02	4.9815739 02
5.9759999 01	3.4771753 02	1.0335365 02	4.5107118 02
5.9770000 01	3.1103363 02	9.5190251 01	4.0622388 02
5.9780000 01	2.7652481 02	8.7400601 01	3.6392541 02
5.9790000 01	2.4444310 02	8.0054669 01	3.2449777 02
5.9799999 01	2.1492214 02	7.3198551 01	2.8812069 02
5.9810000 01	1.8797666 02	6.6850979 01	2.5482764 02
5.9820000 01	1.6357462 02	6.1017300 01	2.2459192 02
5.9830000 01	1.4168457 02	5.5702530 01	1.9738710 02
5.9840000 01	1.2223319 02	5.0902749 01	1.7313594 02
5.9850000 01	1.0506874 02	4.6595259 01	1.5166400 02
5.9860000 01	9.0020808 01	4.2750662 01	1.3277147 02
5.9870000 01	7.6933352 01	3.9341398 01	1.1627475 02
5.9880000 01	6.5637602 01	3.6336468 01	1.0197407 02
5.9890000 01	5.5949855 01	3.3700505 01	8.9650360 01
5.9900000 01	4.7684408 01	3.1396055 01	7.9080464 01
5.9920000 01	3.4755941 01	2.7643455 01	6.2399396 01
5.9940000 01	2.5631326 01	2.4820437 01	5.0451763 01
5.9960000 01	1.9272501 01	2.2698506 01	4.1971007 01
5.9979999 01	1.4876523 01	2.1095126 01	3.5971649 01
6.0000000 01	1.1831858 01	1.9866594 01	3.1698452 01
6.0200002 01	3.6316397 00	1.4914141 01	1.8545781 01
6.0500000 01	1.6474028 00	1.2600182 01	1.4247585 01
6.1000000 01	8.3421351-01	1.1048773 01	1.1882986 01
6.1500000 01	6.0355626-01	1.0258758 01	1.0862314 01
6.2000000 01	5.2366139-01	9.7192356 00	1.0242897 01
6.2500000 01	5.0428225-01	9.2824246 00	9.7867068 00
6.3000000 01	5.1835505-01	8.8869547 00	9.4053097 00
6.3500000 01	5.5727260-01	8.5000337 00	9.0573062 00
6.4000000 01	6.2009525-01	8.0996430 00	8.7197382 00
6.4500000 01	7.1082955-01	7.6681760 00	8.3790055 00
6.5000000 01	8.3827229-01	7.1851931 00	8.0234554 00
6.5500000 01	1.0186539 00	6.6296284 00	7.6482823 00
6.6000000 01	1.2808205 00	5.9735056 00	7.2543261 00
6.6500000 01	1.6786328 00	5.1791092 00	6.8577420 00
6.7000000 01	2.3210798 00	4.1955430 00	6.5166229 00
6.7500000 01	3.4562521 00	2.9617387 00	6.4179909 00
6.7600000 01	3.7868727 00	2.6807709 00	6.4676436 00
6.7700000 01	4.1690245 00	2.3886184 00	6.5576429 00
6.7799999 01	4.6140187 00	2.0862882 00	6.7003069 00
6.7899999 01	5.1365202 00	1.7756650 00	6.9121851 00
6.8000000 01	5.7557223 00	1.4600555 00	7.2157778 00

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.8250000 01	7.9183040 00	6.9407893-01	8.6123829 00
6.8500000 01	1.1627242 01	1.7353892-01	1.1800781 01
6.8750000 01	1.8852421 01	7.2739697-01	1.9579818 01
6.9000000 01	3.6365197 01	6.0289240 00	4.2394121 01
6.9100000 01	5.1754100 01	1.3002410 01	6.4756510 01
6.9200000 01	8.2081613 01	3.0217778 01	1.1229939 02
6.9299999 01	1.6255594 02	8.6747560 01	2.4930350 02
6.9320000 01	1.9353249 02	1.1047186 02	3.0400436 02
6.9339999 01	2.3324522 02	1.4172072 02	3.7496594 02
6.9349999 01	2.5710305 02	1.6083105 02	4.1793409 02
6.9360000 01	2.8406940 02	1.8267230 02	4.6674170 02
6.9379999 01	3.4872175 02	2.3585602 02	5.8457777 02
6.9400000 01	4.3019153 02	3.0410015 02	7.3429168 02
6.9450000 01	7.2667718 02	5.5944971 02	1.2861269 03
6.9500000 01	1.1794305 03	9.6170167 02	2.1411322 03
6.9599999 01	2.3983736 03	2.0946153 03	4.4929889 03
6.9700000 01	3.0765492 03	2.8094189 03	5.8859682 03
6.9800000 01	2.3924197 03	2.2851930 03	4.6776127 03
6.9900000 01	1.1757525 03	1.2031299 03	2.3788824 03
7.0000000 01	4.2944593 02	5.0089021 02	9.3033614 02
7.0009999 01	3.8654308 02	4.5895203 02	8.4549511 02
7.0020000 01	3.4819871 02	4.2119729 02	7.6939600 02
7.0030000 01	3.1404075 02	3.8730822 02	7.0134897 02
7.0040000 01	2.8368332 02	3.5694848 02	6.4063181 02
7.0049999 01	2.5676475 02	3.2980162 02	5.8656637 02
7.0060000 01	2.3293076 02	3.0555322 02	5.3848399 02
7.0070000 01	2.1185851 02	2.8391621 02	4.9577472 02
7.0080000 01	1.9324336 02	2.6461708 02	4.5786044 02
7.0089999 01	1.7679778 02	2.4739502 02	4.2419280 02
7.0099999 01	1.6226454 02	2.3201567 02	3.9428021 02
7.0200000 01	8.1712363 01	1.4214579 02	2.2385815 02
7.0299999 01	5.1392761 01	1.0421947 02	1.5561223 02
7.0400000 01	3.6042098 01	8.3243962 01	1.1923606 02
7.0500000 01	2.6866758 01	6.9798635 01	9.6665392 01
7.0600000 01	2.0866245 01	6.0449242 01	8.1315487 01
7.0700000 01	1.6703490 01	5.3588728 01	7.0292218 01
7.0799999 01	1.3688539 01	4.8353237 01	6.2041775 01
7.0900000 01	1.1430859 01	4.4235239 01	5.5666098 01
7.1000000 01	9.6944492 00	4.0917230 01	5.0611679 01
7.1250000 01	6.7689881 00	3.4909174 01	4.1678162 01
7.1500000 01	5.0004679 00	3.0894880 01	3.5895349 01
7.1750000 01	3.8489663 00	2.8033062 01	3.1882028 01
7.2000000 01	3.0570658 00	2.5894374 01	2.8951440 01
7.3000000 01	1.4963405 00	2.0948821 01	2.2445161 01
7.4000000 01	8.9575667-01	1.8507354 01	1.9403111 01
7.5000000 01	6.0316890-01	1.7051671 01	1.7654840 01
7.6000000 01	4.3909591-01	1.6082244 01	1.6521340 01
7.7000000 01	3.3802952-01	1.5387672 01	1.5725701 01
7.8000000 01	2.7144485-01	1.4863361 01	1.5134806 01
7.9000000 01	2.2530788-01	1.4451696 01	1.4677004 01
8.0000000 01	1.9206346-01	1.4118330 01	1.4310393 01
8.5000000 01	1.1299814-01	1.3068401 01	1.3181399 01
9.0000000 01	8.6847325-02	1.2461944 01	1.2548791 01
9.5000000 01	7.8391750-02	1.2000043 01	1.2078435 01
1.0000000 02	8.2066156-02	1.1550235 01	1.1632301 01
1.0500000 02	1.1055141-01	1.0955652 01	1.1066203 01
1.1000000 02	3.6375063-01	9.4887200 00	9.6524705 00
1.1050000 02	4.8275260-01	9.1262290 00	9.6089817 00
1.1100000 02	6.9372766-01	8.6257322 00	9.3194598 00
1.1150000 02	1.1281755 00	7.8734196 00	9.0015950 00
1.1200000 02	2.2895880 00	6.5802508 00	8.8698388 00
1.1250000 02	8.3991728 00	3.8749862 00	1.2274159 01

TABLE I (Continued)

T = 0.0253 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_n(\text{barns})$
1.1260000 02	1.4598423 01	3.4388131 00	1.8037236 01
1.1270000 02	3.4097887 01	5.3320113 00	3.9429898 01
1.1280000 02	9.5445233 01	1.6810266 01	1.1225550 02
1.1290000 02	2.4421788 02	5.1668581 01	2.9586646 02
1.1300000 02	4.8146992 02	1.1558111 02	5.9705103 02
1.1310000 02	6.8318864 02	1.8051674 02	8.6370538 02
1.1315000 02	7.1379813 02	1.9738720 02	9.1118534 02
1.1320000 02	6.8261253 02	1.9808934 02	8.8070187 02
1.1330000 02	4.8046761 02	1.5736875 02	6.3783636 02
1.1340000 02	2.4372068 02	9.7305029 01	3.4102571 02
1.1350000 02	9.5405519 01	5.4482782 01	1.4988830 02
1.1360000 02	3.4145766 01	3.3909395 01	6.8055161 01
1.1370000 02	1.4612933 01	2.5596511 01	4.0209444 01
1.1380000 02	8.3960594 00	2.1909584 01	3.0305643 01
1.1390000 02	5.7925334 00	1.9831910 01	2.5624443 01
1.1400000 02	4.3471232 00	1.8435794 01	2.2782917 01
1.1410000 02	3.4182624 00	1.7409534 01	2.0927797 01
1.1420000 02	2.7759593 00	1.6615694 01	1.9391653 01
1.1430000 02	2.3106688 00	1.5979815 01	1.8290484 01
1.1440000 02	1.9619063 00	1.5456703 01	1.7418609 01
1.1450000 02	1.6934737 00	1.5017166 01	1.6710639 01
1.1460000 02	1.4824216 00	1.4641297 01	1.6123718 01
1.1470000 02	1.3135613 00	1.4315078 01	1.5628639 01
1.1480000 02	1.1764779 00	1.4028302 01	1.5204779 01
1.1490000 02	1.0638309 00	1.3773330 01	1.4837161 01
1.1500000 02	9.7031476-01	1.3544362 01	1.4514677 01
1.1600000 02	5.5081778-01	1.2018680 01	1.2569497 01
1.1700000 02	4.9382544-01	1.0992267 01	1.1486093 01
1.1800000 02	6.3214392-01	9.9229971 00	1.0555141 01
1.1900000 02	1.1916361 00	8.3189168 00	9.5105529 00
1.2000000 02	4.6393121 00	4.6435807 00	9.2828927 00
1.2010000 02	5.8336632 00	3.9871841 00	9.8208473 00
1.2020000 02	7.6280565 00	3.2628145 00	1.0890871 01
1.2030000 02	1.0641009 01	2.5610730 00	1.3202082 01
1.2040000 02	1.6950780 01	2.4538109 00	1.9404591 01
1.2050000 02	3.4476895 01	5.8463197 00	4.0323215 01
1.2060000 02	8.8203215 01	2.3320555 01	1.1152377 02
1.2070000 02	2.2806304 02	7.8556318 01	3.0661936 02
1.2080000 02	4.8878204 02	1.9329468 02	6.8208272 02
1.2090000 02	7.9003883 02	3.4028882 02	1.1303277 03
1.2100000 02	9.2938985 02	4.2880914 02	1.3581990 03
1.2110000 02	7.8886059 02	3.9186480 02	1.1807254 03
1.2120000 02	4.8771168 02	2.6884566 02	7.5655733 02
1.2130000 02	2.2768797 02	1.5021611 02	3.7790408 02
1.2140000 02	8.8196218 01	8.0292411 01	1.6848863 02
1.2150000 02	3.4489000 01	4.9640972 01	8.4129972 01
1.2160000 02	1.6918079 01	3.7312328 01	5.4230407 01
1.2170000 02	1.0589415 01	3.1544351 01	4.2133766 01
1.2180000 02	7.5737405 00	2.8143744 01	3.5717484 01
1.2190000 02	5.7803913 00	2.5814682 01	3.1595073 01
1.2200000 02	4.5872187 00	2.4091705 01	2.8678923 01
1.2210000 02	3.7430425 00	2.2757526 01	2.6500569 01
1.2220000 02	3.1204884 00	2.1690780 01	2.4811268 01
1.2230000 02	2.6467874 00	2.0816759 01	2.3463546 01
1.2240000 02	2.2772965 00	2.0086597 01	2.2363893 01
1.2250000 02	1.9831806 00	1.9466810 01	2.1449990 01
1.2260000 02	1.7450270 00	1.8933633 01	2.0678660 01
1.2270000 02	1.5493676 00	1.8469663 01	2.0019031 01
1.2280000 02	1.3865893 00	1.8061936 01	1.9448525 01
1.2290000 02	1.2496752 00	1.7700522 01	1.8950197 01
1.2300000 02	1.1334032 00	1.7377689 01	1.8511092 01
1.2350000 02	7.5041385-01	1.6166420 01	1.6916834 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.240000 02	5.4624253-01	1.5362271 01	1.5908514 01
1.2450000 02	4.2611069-01	1.4778462 01	1.5204572 01
1.2460000 02	4.0831179-01	1.4679330 01	1.5087641 01
1.2470000 02	3.9210208-01	1.4584812 01	1.4976914 01
1.2480000 02	3.7733011-01	1.4494500 01	1.4871830 01
1.2490000 02	3.6386670-01	1.4407994 01	1.4771861 01
1.2500000 02	3.5159879-01	1.4324968 01	1.4676567 01
1.2600000 02	2.7931891-01	1.3626439 01	1.3905758 01
1.2700000 02	2.8824052-01	1.3019654 01	1.3307894 01
1.2710000 02	2.9567612-01	1.2955451 01	1.3251127 01
1.2720000 02	3.0508212-01	1.2889277 01	1.3194359 01
1.2730000 02	3.1697641-01	1.2820588 01	1.3137465 01
1.2740000 02	3.3163554-01	1.2748777 01	1.3080412 01
1.2750000 02	3.5018591-01	1.2673035 01	1.3023221 01
1.2760000 02	3.7378360-01	1.2592309 01	1.2966093 01
1.2770000 02	4.0459229-01	1.2505217 01	1.2909809 01
1.2780000 02	4.4755844-01	1.2409652 01	1.2857211 01
1.2790000 02	5.1951712-01	1.2302312 01	1.2821829 01
1.2800000 02	6.8578157-01	1.2177960 01	1.2863742 01
1.2810000 02	1.1490667 00	1.2031425 01	1.3180492 01
1.2820000 02	2.2991504 00	1.1867758 01	1.4166908 01
1.2830000 02	4.3871629 00	1.1716082 01	1.6103245 01
1.2840000 02	6.7896930 00	1.1614001 01	1.8403694 01
1.2850000 02	8.0153159 00	1.1548561 01	1.9563877 01
1.2860000 02	7.2354023 00	1.1431098 01	1.8666500 01
1.2870000 02	5.4442515 00	1.1166758 01	1.6611009 01
1.2880000 02	4.5947931 00	1.0726516 01	1.5321309 01
1.2890000 02	7.1024660 00	1.0177124 01	1.7279590 01
1.2900000 02	1.8238170 01	9.8649230 00	2.8103093 01
1.2910000 02	4.8039511 01	1.0815027 01	5.8854538 01
1.2920000 02	1.0260926 02	1.4523840 01	1.1713310 02
1.2930000 02	1.6442085 02	2.1070341 01	1.8549119 02
1.2940000 02	1.9270672 02	2.7379231 01	2.2008595 02
1.2950000 02	1.6417618 02	2.9484249 01	1.9366043 02
1.2960000 02	1.0235542 02	2.6889129 01	1.2924455 02
1.2970000 02	4.7883468 01	2.2547728 01	7.0431196 01
1.2980000 02	1.8027478 01	1.9106463 01	3.7133941 01
1.2990000 02	6.4810174 00	1.7126742 01	2.3607760 01
1.3000000 02	2.8798223 00	1.6089511 01	1.8969334 01
1.3010000 02	1.7289649 00	1.5495906 01	1.7224871 01
1.3020000 02	1.2389534 00	1.5103347 01	1.6342301 01
1.3030000 02	9.6068220-01	1.4815530 01	1.5776212 01
1.3040000 02	7.7776686-01	1.4591477 01	1.5369244 01
1.3050000 02	6.4871380-01	1.4410267 01	1.5058981 01
1.3060000 02	5.5354066-01	1.4259632 01	1.4813172 01
1.3070000 02	4.8102462-01	1.4131722 01	1.4612747 01
1.3080000 02	4.2432673-01	1.4021218 01	1.4445544 01
1.3090000 02	3.7905371-01	1.3924417 01	1.4303470 01
1.3100000 02	3.4225688-01	1.3838587 01	1.4180843 01
1.3150000 02	2.3091555-01	1.3517449 01	1.3748365 01
1.3200000 02	1.7681059-01	1.3299305 01	1.3476116 01
1.3300000 02	1.2615489-01	1.3002452 01	1.3128607 01
1.3400000 02	1.0288449-01	1.2794566 01	1.2897450 01
1.3500000 02	8.9786973-02	1.2631406 01	1.2721193 01
1.4000000 02	6.7135901-02	1.2075592 01	1.2142728 01
1.4400000 02	6.7124399-02	1.1726952 01	1.1794076 01
1.4500000 02	7.6933162-02	1.1628269 01	1.1705202 01
1.4530002 02	8.9267746-02	1.1589987 01	1.1679254 01
1.4550002 02	1.1507334-01	1.1556132 01	1.1671205 01
1.4560002 02	1.5979142-01	1.1533127 01	1.1692919 01
1.4570002 02	3.0201533-01	1.1502552 01	1.1804567 01
1.4580002 02	7.2347799-01	1.1463485 01	1.2186963 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.4590002 02	1.7052869 00	1.1425845 01	1.3131132 01
1.4600000 02	3.3362357 00	1.1417959 01	1.4756194 01
1.4610000 02	5.0708417 00	1.1470455 01	1.6541297 01
1.4611000 02	5.2082913 00	1.1479237 01	1.6687528 01
1.4612000 02	5.3339103 00	1.1488585 01	1.6822495 01
1.4613000 02	5.4476197 00	1.1498455 01	1.6946075 01
1.4614000 02	5.5489333 00	1.1508769 01	1.7057703 01
1.4615000 02	5.6362556 00	1.1519439 01	1.7155695 01
1.4616000 02	5.7079409 00	1.1530427 01	1.7238368 01
1.4617000 02	5.7637599 00	1.1541698 01	1.7305458 01
1.4618000 02	5.8043018 00	1.1553212 01	1.7357514 01
1.4619000 02	5.8293208 00	1.1564827 01	1.7394208 01
1.4620000 02	5.8376237 00	1.1576435 01	1.7414059 01
1.4630000 02	5.0647916 00	1.1680540 01	1.6745332 01
1.4640000 02	3.3321199 00	1.1728871 01	1.5060991 01
1.4650000 02	1.7028492 00	1.1717187 01	1.3420036 01
1.4660000 02	7.2388968-01	1.1677362 01	1.2401251 01
1.4670000 02	3.0307791-01	1.1637316 01	1.1940393 01
1.4680000 02	1.6073283-01	1.1606311 01	1.1767044 01
1.4690000 02	1.1595756-01	1.1583046 01	1.1699003 01
1.4700000 02	9.9051623-02	1.1564491 01	1.1663542 01
1.4800000 02	7.1517757-02	1.1445398 01	1.1516916 01
1.5000000 02	7.0975200-02	1.1253237 01	1.1324212 01
1.5100000 02	7.3782349-02	1.1153362 01	1.1227145 01
1.5200000 02	7.8926474-02	1.1044956 01	1.1123883 01
1.5300000 02	9.1837795-02	1.0917768 01	1.1009606 01
1.5350000 02	1.1282005-01	1.0834460 01	1.0947280 01
1.5360000 02	1.2149880-01	1.0813725 01	1.0935224 01
1.5370000 02	1.3393500-01	1.0790432 01	1.0924367 01
1.5380000 02	1.5380296-01	1.0763375 01	1.0917178 01
1.5390000 02	1.9359090-01	1.0730320 01	1.0923911 01
1.5400000 02	3.0135206-01	1.0687344 01	1.0938696 01
1.5410000 02	6.3680950-01	1.0629394 01	1.1266204 01
1.5420000 02	1.5828847 00	1.0557447 01	1.2140332 01
1.5430000 02	3.6765380 00	1.0495607 01	1.4172145 01
1.5440000 02	7.0135263 00	1.0500665 01	1.7514191 01
1.5450000 02	1.0453489 01	1.0625569 01	2.1079058 01
1.5460000 02	1.1955458 01	1.0846912 01	2.2802370 01
1.5470000 02	1.0441970 01	1.1055453 01	2.1497423 01
1.5480000 02	7.0027134 00	1.1151172 01	1.8153885 01
1.5490000 02	3.6737534 00	1.1128045 01	1.4801798 01
1.5500000 02	1.5865017 00	1.1048422 01	1.2634924 01
1.5510000 02	6.4259356-01	1.0967970 01	1.1610564 01
1.5520000 02	3.0754166-01	1.0906244 01	1.1213785 01
1.5530000 02	2.0028248-01	1.0861113 01	1.1061396 01
1.5540000 02	1.6131521-01	1.0826253 01	1.0987568 01
1.5550000 02	1.4240954-01	1.0797356 01	1.0939765 01
1.5600000 02	1.1111399-01	1.0688801 01	1.0799915 01
1.5700000 02	1.0457598-01	1.0516018 01	1.0620594 01
1.5800000 02	1.1033452-01	1.0344489 01	1.0454823 01
1.5900000 02	1.2067636-01	1.0157803 01	1.0278479 01
1.6000000 02	1.3516994-01	9.9473001 00	1.0082470 01
1.6500000 02	3.6605929-01	8.0805427 00	8.4466019 00
1.6600000 02	5.1615354-01	7.3330415 00	7.8491950 00
1.6700000 02	8.0068838-01	6.2721397 00	7.0728280 00
1.6800000 02	1.4474386 00	4.6568468 00	6.1042854 00
1.6900000 02	3.5093028 00	2.0594048 00	5.5687076 00
1.6920000 02	4.4718687 00	1.4184936 00	5.8903623 00
1.6940000 02	5.9117219 00	8.1334949-01	6.7250714 00
1.6960000 02	8.2219252 00	4.2274416-01	8.6446693 00
1.6980000 02	1.2349077 01	8.1458092-01	1.3163658 01
1.7000000 02	2.1471277 01	4.5041468 00	2.5975424 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.7010000 02	3.1891401 01	1.1449323 01	4.3340724 01
1.7020000 02	5.4445474 01	3.0786016 01	8.5231489 01
1.7030000 02	1.0662256 02	8.3045079 01	1.8966764 02
1.7040000 02	2.1923167 02	2.0660685 02	4.2583852 02
1.7050000 02	4.2191744 02	4.4273871 02	8.6465615 02
1.7060000 02	7.0082023 02	7.8465396 02	1.4854742 03
1.7070000 02	9.6226579 02	1.1271570 03	2.0894228 03
1.7080000 02	1.0710542 03	1.3028825 03	2.3739367 03
1.7090000 02	9.6120204 02	1.2150017 03	2.1762037 03
1.7100000 02	6.9953926 02	9.2683444 02	1.6263737 03
1.7110000 02	4.21110829 02	5.9687251 02	1.0179808 03
1.7120000 02	2.1894278 02	3.4499778 02	5.6394056 02
1.7130000 02	1.0656374 02	1.9738503 02	3.0394877 02
1.7140000 02	5.4416862 01	1.2391113 02	1.7832799 02
1.7150000 02	3.1842423 01	8.8857727 01	1.2070015 02
1.7160000 02	2.1409662 01	7.0668814 01	9.2078475 01
1.7170000 02	1.5787823 01	5.9758617 01	7.5546440 01
1.7180000 02	1.2289524 01	5.2369278 01	6.4658801 01
1.7190000 02	9.8994431 00	4.6965734 01	5.6865177 01
1.7200000 02	8.1710642 00	4.2821821 01	5.0992885 01
1.7210000 02	6.8723008 00	3.9537847 01	4.6410148 01
1.7220000 02	5.2680389 00	3.6870144 01	4.2738183 01
1.7230000 02	5.0737811 00	3.4660335 01	3.9734117 01
1.7240000 02	4.4338314 00	3.2800138 01	3.7233969 01
1.7250000 02	3.9101268 00	3.1213123 01	3.5123250 01
1.7260000 02	3.4757524 00	2.9843420 01	3.3319173 01
1.7270000 02	3.1113053 00	2.8649563 01	3.1760868 01
1.7280000 02	2.8023693 00	2.7599833 01	3.0402202 01
1.7290000 02	2.5381570 00	2.6669830 01	2.9207987 01
1.7300000 02	2.3103635 00	2.5840266 01	2.8150629 01
1.7310000 02	2.1125468 00	2.5095759 01	2.7208306 01
1.7320000 02	1.9396363 00	2.4423929 01	2.6363565 01
1.7330000 02	1.7876065 00	2.3814673 01	2.5602280 01
1.7340000 02	1.6532011 00	2.3259620 01	2.4912821 01
1.7350000 02	1.5337925 00	2.2751897 01	2.4285690 01
1.7360000 02	1.4272258 00	2.2285712 01	2.3712938 01
1.7370000 02	1.3317101 00	2.1856136 01	2.3187845 01
1.7380000 02	1.2457680 00	2.1459021 01	2.2704789 01
1.7390000 02	1.1681566 00	2.1090812 01	2.2258968 01
1.7400000 02	1.0978324 00	2.0748452 01	2.1846284 01
1.7420000 02	9.7563953-01	2.0131103 01	2.1106743 01
1.7440000 02	8.7353767-01	1.9589650 01	2.0463188 01
1.7460000 02	7.8735162-01	1.9110772 01	1.9898124 01
1.7480000 02	7.1394141-01	1.8684106 01	1.9398047 01
1.7500000 02	6.5090135-01	1.8301404 01	1.8952305 01
1.7600000 02	4.3828644-01	1.6855525 01	1.7293811 01
1.7700000 02	3.2119688-01	1.5892174 01	1.6213371 01
1.7800000 02	2.5039332-01	1.5196446 01	1.5446839 01
1.7900000 02	2.0484938-01	1.4663107 01	1.4867957 01
1.8000000 02	1.7440502-01	1.4234294 01	1.4408699 01
1.8100000 02	1.5372537-01	1.3875109 01	1.4028834 01
1.8200000 02	1.3987913-01	1.3562830 01	1.3702708 01
1.8300000 02	1.3127183-01	1.3281260 01	1.3412532 01
1.8400000 02	1.2719018-01	1.3017725 01	1.3144915 01
1.8500000 02	1.2764972-01	1.2760900 01	1.2888549 01
1.8600000 02	1.3253376-01	1.2498826 01	1.2632360 01
1.8700000 02	1.4715831-01	1.2216395 01	1.2363553 01
1.8800000 02	1.7388211-01	1.1890734 01	1.2064616 01
1.8900000 02	2.2700556-01	1.1480476 01	1.1707481 01
1.9000000 02	3.4615089-01	1.0894958 01	1.1241109 01
1.9100000 02	6.9749306-01	9.8751700 00	1.0572663 01
1.9200000 02	2.8836259 00	7.2138420 00	1.0097468 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.9210000 02	3.7399703 00	6.6765747 00	1.0476545 01
1.9220000 02	5.2503451 00	6.0755329 00	1.1325878 01
1.9230000 02	8.5164673 00	5.5756587 00	1.4092126 01
1.9240000 02	1.6700714 01	5.8591371 00	2.2559851 01
1.9250000 02	3.7144646 01	8.8516741 00	4.5996321 01
1.9260000 02	8.1902738 01	1.8283812 01	1.0018655 02
1.9270000 02	1.6110516 02	3.8388069 01	1.9949323 02
1.9280000 02	2.6732989 02	6.9425022 01	3.3675491 02
1.9290000 02	3.6475184 02	1.0308196 02	4.6783380 02
1.9300000 02	4.0481473 02	1.2473409 02	5.2954881 02
1.9310000 02	3.6440720 02	1.2402794 02	4.8843514 02
1.9320000 02	2.6691211 02	1.0353252 02	3.7044464 02
1.9330000 02	1.6084475 02	7.5601189 01	2.3644594 02
1.9340000 02	8.1832289 01	5.1768601 01	1.3360089 02
1.9350000 02	3.7160014 01	3.6370719 01	7.3530733 01
1.9360000 02	1.6724849 01	2.8013779 01	4.4738628 01
1.9370000 02	8.5282350 00	2.3747467 01	3.2275702 01
1.9380000 02	5.2537563 00	2.1428241 01	2.6681998 01
1.9390000 02	3.7415864 00	1.9983872 01	2.3725459 01
1.9400000 02	2.8864390 00	1.8966719 01	2.1853158 01
1.9410000 02	2.3263766 00	1.8192765 01	2.0519141 01
1.9420000 02	1.9286859 00	1.7576112 01	1.9504798 01
1.9430000 02	1.6329106 00	1.7069722 01	1.8702632 01
1.9440000 02	1.4059263 00	1.6644393 01	1.8050319 01
1.9450000 02	1.2275610 00	1.6280710 01	1.7508271 01
1.9460000 02	1.0847319 00	1.5965014 01	1.7049746 01
1.9470000 02	9.6860299-01	1.5687497 01	1.6656100 01
1.9480000 02	8.7296796-01	1.5440790 01	1.6313758 01
1.9490000 02	7.9339344-01	1.5219310 01	1.6012703 01
1.9500000 02	7.2660924-01	1.5018665 01	1.5745274 01
1.9510000 02	6.7018600-01	1.4835424 01	1.5505610 01
1.9520000 02	6.2227566-01	1.4666761 01	1.5289037 01
1.9530000 02	5.8148362-01	1.4510405 01	1.5091888 01
1.9540000 02	5.4673371-01	1.4364417 01	1.4911150 01
1.9550000 02	5.1723476-01	1.4227175 01	1.4744410 01
1.9560000 02	4.9241869-01	1.4097254 01	1.4589673 01
1.9570000 02	4.7196076-01	1.3973331 01	1.4445292 01
1.9580000 02	4.5586939-01	1.3854173 01	1.4310042 01
1.9590000 02	4.4490066-01	1.3738469 01	1.4183370 01
1.9600000 02	4.4230031-01	1.3624648 01	1.4066948 01
1.9610000 02	4.6000672-01	1.3510647 01	1.3970654 01
1.9620000 02	5.3528421-01	1.3393829 01	1.3929113 01
1.9630000 02	7.5830108-01	1.3272433 01	1.4030734 01
1.9640000 02	1.2806315 00	1.3149741 01	1.4430372 01
1.9650000 02	2.2335702 00	1.3039607 01	1.5273177 01
1.9660000 02	3.5319270 00	1.2965052 01	1.6496979 01
1.9670000 02	4.7331442 00	1.2941684 01	1.7674828 01
1.9680000 02	5.2294559 00	1.2956820 01	1.8186276 01
1.9690000 02	4.7293355 00	1.2970039 01	1.7699374 01
1.9700000 02	3.5278441 00	1.2941878 01	1.6469722 01
1.9710000 02	2.2324981 00	1.2861588 01	1.5094086 01
1.9720000 02	1.2829639 00	1.2746080 01	1.4029044 01
1.9730000 02	7.6313999-01	1.2618395 01	1.3381535 01
1.9740000 02	5.4237405-01	1.2491824 01	1.3034198 01
1.9750000 02	4.7001574-01	1.2368942 01	1.2838957 01
1.9800000 02	5.4401014-01	1.1721315 01	1.2265325 01
1.9850000 02	9.0668123-01	1.0788669 01	1.1695350 01
1.9855000 02	9.7455076-01	1.0662608 01	1.1637158 01
1.9860000 02	1.0528870 00	1.0527301 01	1.1580188 01
1.9865000 02	1.1440520 00	1.0381455 01	1.1525507 01
1.9870000 02	1.2512289 00	1.0223549 01	1.1474777 01
1.9875000 02	1.3789381 00	1.0051748 01	1.1430686 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_y (barns)	σ_S (barns)	σ_m (barns)
1.9880000 02	1.5339522 00	9.8640429 00	1.1397995 01
1.9890000 02	1.9772289 00	9.4323451 00	1.1409574 01
1.9900000 02	2.8086767 00	8.9213953 00	1.1730072 01
1.9910000 02	4.7659046 00	8.3980764 00	1.3163981 01
1.9920000 02	1.0004674 01	8.2090559 00	1.8213730 01
1.9925000 02	1.5271140 01	8.5245720 00	2.3795712 01
1.9930000 02	2.3505588 01	9.3936131 00	3.2899201 01
1.9940000 02	5.3305272 01	1.4017068 01	6.7322339 01
1.9945000 02	7.6674413 01	1.8416919 01	9.5091331 01
1.9950000 02	1.0591533 02	2.4499709 01	1.3041504 02
1.9952000 02	1.1904923 02	2.7406619 01	1.4645585 02
1.9954000 02	1.3280239 02	3.0558350 01	1.6336074 02
1.9956000 02	1.4704226 02	3.3936190 01	1.8097845 02
1.9958000 02	1.6156527 02	3.7508150 01	1.9907342 02
1.9960000 02	1.7609830 02	4.1217471 01	2.1731577 02
1.9962000 02	1.9045198 02	4.5027500 01	2.3547948 02
1.9964000 02	2.0431515 02	4.8873470 01	2.5318862 02
1.9966000 02	2.1739003 02	5.2681580 01	2.7007161 02
1.9968000 02	2.2945700 02	5.6399119 01	2.8585612 02
1.9970000 02	2.4017127 02	5.9941379 01	3.0011265 02
1.9972000 02	2.4931200 02	6.3239592 01	3.1255159 02
1.9974000 02	2.5670583 02	6.6242557 01	3.2294839 02
1.9976000 02	2.6207705 02	6.8867779 01	3.3094483 02
1.9978000 02	2.6534763 02	7.1069950 01	3.3641759 02
1.9980000 02	2.6646300 02	7.2818741 01	3.3928174 02
1.9990000 02	2.3994576 02	7.3893170 01	3.1383893 02
1.9992000 02	2.2920379 02	7.2640091 01	3.0184388 02
1.9994000 02	2.1711328 02	7.0958998 01	2.8807228 02
1.9996000 02	2.0402693 02	6.8920050 01	2.7294698 02
1.9998000 02	1.9016988 02	6.6571136 01	2.5674101 02
2.0000000 02	1.7581763 02	6.3966400 01	2.3978403 02
2.0010000 02	1.0573495 02	4.9345400 01	1.5508035 02
2.0020000 02	5.3244686 01	3.6354416 01	8.9599101 01
2.0030000 02	2.3499555 01	2.7685480 01	5.1185035 01
2.0040000 02	9.9996115 00	2.2846757 01	3.2846369 01
2.0050000 02	4.7473593 00	2.0321192 01	2.5068552 01
2.0060000 02	2.7791036 00	1.8927564 01	2.1706668 01
2.0070000 02	1.9412370 00	1.8050914 01	1.9992151 01
2.0080000 02	1.4936274 00	1.7428232 01	1.8921859 01
2.0090000 02	1.2071169 00	1.6950634 01	1.8157751 01
2.0100000 02	1.0049376 00	1.6567426 01	1.7572363 01
2.0110000 02	8.5470190-01	1.6250921 01	1.7105623 01
2.0120000 02	7.3925594-01	1.5983862 01	1.6723118 01
2.0130000 02	6.4832108-01	1.5754664 01	1.6402985 01
2.0140000 02	5.7528525-01	1.5555267 01	1.6130553 01
2.0150000 02	5.1567135-01	1.5379721 01	1.5895393 01
2.0160000 02	4.6637663-01	1.5223632 01	1.5690009 01
2.0170000 02	4.2517500-01	1.5083555 01	1.5508730 01
2.0180000 02	3.9046260-01	1.4956846 01	1.5347308 01
2.0190000 02	3.6107724-01	1.4841368 01	1.5202445 01
2.0200000 02	3.3622935-01	1.4735347 01	1.5071576 01
2.0210000 02	3.1557979-01	1.4637276 01	1.4952856 01
2.0220000 02	2.9980621-01	1.4545737 01	1.4845543 01
2.0230000 02	2.9268121-01	1.4459334 01	1.4752015 01
2.0240000 02	3.0636378-01	1.4376624 01	1.4682988 01
2.0250000 02	3.6958253-01	1.4296551 01	1.4666134 01
2.0260000 02	5.2891659-01	1.4219881 01	1.4748798 01
2.0270000 02	8.2141367-01	1.4150794 01	1.4972207 01
2.0280000 02	1.2156446 00	1.4096512 01	1.5312157 01
2.0290000 02	1.5759130 00	1.4061931 01	1.5637844 01
2.0300000 02	1.7196452 00	1.4042966 01	1.5762611 01
2.0310000 02	1.5587019 00	1.4026879 01	1.5585561 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_n (barns)
2.0320000 02	1.1822163 00	1.4000819 01	1.5183035 01
2.0330000 02	7.7214583-01	1.3960557 01	1.4732703 01
2.0340000 02	4.6325257-01	1.3910995 01	1.4374248 01
2.0350000 02	2.8643553-01	1.3859480 01	1.4145916 01
2.0360000 02	2.0438598-01	1.3810590 01	1.4014976 01
2.0370000 02	1.7043134-01	1.3765562 01	1.3935993 01
2.0380000 02	1.5563976-01	1.3723937 01	1.3879577 01
2.0390000 02	1.4745886-01	1.3684947 01	1.3832406 01
2.0400000 02	1.4161510-01	1.3648033 01	1.3789648 01
2.0500000 02	1.1023356-01	1.3346485 01	1.3456718 01
2.0800002 02	8.0704330-02	1.2750896 01	1.2831600 01
2.1000000 02	7.7488315-02	1.2439362 01	1.2516850 01
2.1200002 02	8.2146512-02	1.2128535 01	1.2210681 01
2.1300000 02	8.8087172-02	1.1958954 01	1.2047041 01
2.1500000 02	1.1279534-01	1.1549521 01	1.1662316 01
2.1700002 02	1.8019788-01	1.0927010 01	1.1107208 01
2.1800002 02	2.6237019-01	1.0427056 01	1.0689426 01
2.2000000 02	1.0601694 00	8.0715218 00	9.1316911 00
2.2020000 02	1.3481342 00	7.5575198 00	8.9056540 00
2.2040000 02	1.7834285 00	6.9177378 00	8.7011663 00
2.2060000 02	2.4953370 00	6.1026585 00	8.5979954 00
2.2080000 02	3.8365861 00	5.0559029 00	8.8924890 00
2.2100000 02	7.5276634 00	4.0620946 00	1.1589758 01
2.2120000 02	2.5937220 01	7.9045217 00	3.3841742 01
2.2140000 02	1.1299809 02	4.3289029 01	1.5628712 02
2.2160000 02	3.1966728 02	1.4683114 02	4.6649842 02
2.2180000 02	4.5882228 02	2.3929114 02	6.9811342 02
2.2200000 02	3.1920762 02	1.9389610 02	5.1310371 02
2.2210000 02	2.0496837 02	1.4051017 02	3.4547854 02
2.2220000 02	1.1287301 02	9.3242690 01	2.0611570 02
2.2230000 02	5.5343134 01	6.0994196 01	1.1633733 02
2.2240000 02	2.5955940 01	4.2635162 01	6.8591102 01
2.2250000 02	1.2955556 01	3.3169689 01	4.6125246 01
2.2260000 02	7.5232646 00	2.8270046 01	3.5793311 01
2.2270000 02	5.0991285 00	2.5462813 01	3.0561941 01
2.2280000 02	3.8236760 00	2.3623103 01	2.7446779 01
2.2290000 02	3.0313384 00	2.2285968 01	2.5317307 01
2.2300000 02	2.4830950 00	2.1251036 01	2.3734131 01
2.2400000 02	7.0456474-01	1.6750041 01	1.7454606 01
2.2500000 02	3.4696838-01	1.5245665 01	1.5592633 01
2.2600000 02	2.1568456-01	1.4471022 01	1.4686706 01
2.2700000 02	1.5320206-01	1.3987568 01	1.4140770 01
2.2800000 02	1.1869921-01	1.3649520 01	1.3768219 01
2.2900000 02	9.7732712-02	1.3394216 01	1.3491949 01
2.3000000 02	8.4135591-02	1.3190207 01	1.3274342 01
2.3100000 02	7.4917670-02	1.3019865 01	1.3094782 01
2.3500000 02	5.8616147-02	1.2507707 01	1.2566323 01
2.4000000 02	5.9090276-02	1.1971145 01	1.2030235 01
2.4500000 02	8.9224093-02	1.1239931 01	1.1329155 01
2.4600002 02	1.0641292-01	1.1010839 01	1.1117252 01
2.4700002 02	1.3444039-01	1.0717028 01	1.0851468 01
2.4800002 02	1.8448170-01	1.0314849 01	1.0499331 01
2.4900002 02	2.8740776-01	9.7108236 00	9.9982313 00
2.5000000 02	5.5791200-01	8.6605810 00	9.2184930 00
2.5100000 02	1.7911499 00	6.2648452 00	8.0559950 00
2.5110000 02	2.1447604 00	5.8447057 00	7.9894661 00
2.5120000 02	2.6355982 00	5.3702409 00	8.0058390 00
2.5130000 02	3.3761064 00	4.8521315 00	8.2282379 00
2.5140000 02	4.6591136 00	4.3700669 00	9.0291805 00
2.5150000 02	7.2884898 00	4.2437372 00	1.1532227 01
2.5160000 02	1.3315660 01	5.4546988 00	1.8770359 01
2.5170000 02	2.7157004 01	1.0372781 01	3.7529785 01

TABLE I (Continued)

T = 0.0253 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
2.5180000 02	5.6166923 01	2.3348514 01	7.9515436 01
2.5190000 02	1.0843815 02	4.9873229 01	1.5831138 02
2.5200000 02	1.8605035 02	9.2936251 01	2.7898660 02
2.5210000 02	2.7666168 02	1.4765104 02	4.2431272 02
2.5220000 02	3.5223698 02	1.9905848 02	5.5129546 02
2.5230000 02	3.8186013 02	2.2809907 02	6.0995920 02
2.5240000 02	3.5197351 02	2.2344309 02	5.7541660 02
2.5250000 02	2.7630343 02	1.8921059 02	4.6551402 02
2.5260000 02	1.8578109 02	1.4137118 02	3.2715227 02
2.5270000 02	1.0831026 02	9.6640309 01	2.0495057 02
2.5280000 02	5.6145531 01	6.4050729 01	1.2019626 02
2.5290000 02	2.7175446 01	4.4211817 01	7.1387262 01
2.5300000 02	1.3332725 01	3.3462283 01	4.6795008 01
2.5310000 02	7.2943737 00	2.7844058 01	3.5138432 01
2.5320000 02	4.6576500 00	2.4736073 01	2.9393723 01
2.5330000 02	3.3719659 00	2.2798843 01	2.6170809 01
2.5350000 02	2.1408127 00	2.0409386 01	2.2550199 01
2.5400000 02	1.0147803 00	1.7447555 01	1.8462336 01
2.5500000 02	4.1923645-01	1.5094746 01	1.5513982 01
2.5600002 02	2.4935936-01	1.4027049 01	1.4276408 01
2.5700000 02	1.8218033-01	1.3368880 01	1.3551061 01
2.5800002 02	1.5491693-01	1.2876199 01	1.3031116 01
2.5900000 02	1.5109784-01	1.2435106 01	1.2586204 01
2.6000000 02	1.7131103-01	1.1966519 01	1.2137830 01
2.6100000 02	2.3711354-01	1.1376685 01	1.1613798 01
2.6200000 02	4.5299099-01	1.0402265 01	1.0855256 01
2.6300000 02	1.9952539 00	7.8452462 00	9.8405000 00
2.6310000 02	2.8170558 00	7.3680041 00	1.0185060 01
2.6320000 02	4.6058482 00	6.9836718 00	1.1589520 01
2.6330000 02	8.8546460 00	7.1315969 00	1.5986243 01
2.6340000 02	1.8686940 01	8.8950210 00	2.7581961 01
2.6350000 02	3.9109541 01	1.4266990 01	5.3376531 01
2.6360000 02	7.5343460 01	2.5773781 01	1.0111724 02
2.6370000 02	1.2829642 02	4.4880131 01	1.7317655 02
2.6380000 02	1.8929866 02	6.9641981 01	2.5894064 02
2.6390000 02	2.3968976 02	9.3669140 01	3.3335890 02
2.6400000 02	2.5934820 02	1.0855019 02	3.6789839 02
2.6410000 02	2.3952292 02	1.0883657 02	3.4635949 02
2.6420000 02	1.8906648 02	9.5590771 01	2.8465725 02
2.6430000 02	1.2811957 02	7.5286400 01	2.0340597 02
2.6439999 02	7.5255704 01	5.5294286 01	1.3054999 02
2.6450000 02	3.9093972 01	4.0057265 01	7.9151237 01
2.6460000 02	1.8698562 01	3.0353888 01	4.9052450 01
2.6470000 02	8.8646549 00	2.4855524 01	3.3720179 01
2.6480000 02	4.6062443 00	2.1862879 01	2.6469123 01
2.6490000 02	2.8108067 00	2.0156288 01	2.2967094 01
2.6510000 02	1.5360523 00	1.8303611 01	1.9839663 01
2.6530000 02	1.0434758 00	1.7240602 01	1.8284078 01
2.6550000 02	7.7065655-01	1.6517490 01	1.7288146 01
2.6600000 02	4.3772014-01	1.5403918 01	1.5841638 01
2.6700000 02	2.1492536-01	1.4321150 01	1.4536075 01
2.6800000 02	1.3931145-01	1.3762407 01	1.3901718 01
2.6900000 02	1.0473066-01	1.3403187 01	1.3507918 01
2.7000000 02	8.6239851-02	1.3141185 01	1.3227425 01
2.7500000 02	6.2901978-02	1.2320839 01	1.2383741 01
2.8000000 02	9.0420213-02	1.1542330 01	1.1632750 01
2.8100000 02	1.0934662-01	1.1313583 01	1.1422930 01
2.8200000 02	1.4202038-01	1.1018517 01	1.1160537 01
2.8300000 02	2.0477166-01	1.0604188 01	1.0808959 01
2.8400000 02	3.4908228-01	9.9455197 00	1.0294602 01
2.8500000 02	8.2036547-01	8.6539697 00	9.4743351 00
2.8520000 02	1.0465540 00	8.2207621 00	9.2673160 00

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.8540000 02	1.3936313 00	7.6746792 00	9.0683105 00
2.8560000 02	1.9813301 00	6.9666109 00	8.9479909 00
2.8580000 02	3.2361984 00	6.0607294 00	9.2969277 00
2.8600000 02	7.6516285 00	5.4798864 00	1.3131515 01
2.8610000 02	1.4256259 01	6.3664968 00	2.0622756 01
2.8620000 02	2.8263338 01	9.8064959 00	3.8069834 01
2.8630000 02	5.5025690 01	1.8253325 01	7.3279015 01
2.8639999 02	9.9184732 01	3.4375798 01	1.3356053 02
2.8650000 02	1.6003512 02	5.9152050 01	2.1918717 02
2.8660000 02	2.2708649 02	8.9561758 01	3.1664825 02
2.8670000 02	2.8085887 02	1.1802802 02	3.9888689 02
2.8680000 02	3.0153498 02	1.3531631 02	4.3685129 02
2.8690000 02	2.8067947 02	1.3563204 02	4.1631151 02
2.8700000 02	2.2681942 02	1.2011767 02	3.4693709 02
2.8710000 02	1.5981617 02	9.5755721 01	2.5557189 02
2.8720000 02	9.9062377 01	7.0854161 01	1.6991654 02
2.8730000 02	5.4990954 01	5.0938495 01	1.0592945 02
2.8740000 02	2.8272211 01	3.7544588 01	6.5816798 01
2.8750000 02	1.4269724 01	2.9546776 01	4.3816500 01
2.8760000 02	7.6584945 00	2.5036911 01	3.2695406 01
2.8769999 02	4.6597847 00	2.2451149 01	2.7110934 01
2.8780000 02	3.2320173 00	2.0844895 01	2.4076912 01
2.8790000 02	2.4592616 00	1.9739717 01	2.2198978 01
2.8800000 02	1.9755891 00	1.8912829 01	2.0888418 01
2.8900000 02	5.4752225-01	1.5409320 01	1.5956842 01
2.9000000 02	2.7340668-01	1.4227220 01	1.4500627 01
2.9100000 02	1.7405246-01	1.3602014 01	1.3776067 01
2.9200000 02	1.2749124-01	1.3197401 01	1.3324892 01
2.9300000 02	1.0247955-01	1.2900927 01	1.3003406 01
2.9400000 02	8.8066098-02	1.2663585 01	1.2751651 01
2.9500000 02	7.9663025-02	1.2459899 01	1.2539562 01
3.0000000 02	8.7218894-02	1.1515410 01	1.1602629 01
3.0100000 02	1.0218080-01	1.1262957 01	1.1365137 01
3.0200000 02	1.2981774-01	1.0939429 01	1.1069247 01
3.0300000 02	1.8629978-01	1.0481248 01	1.0667548 01
3.0400000 02	3.2804183-01	9.7281791 00	1.0056221 01
3.0500000 02	8.8978261-01	8.1128088 00	9.0025914 00
3.0520000 02	1.2186053 00	7.5197596 00	8.7383648 00
3.0540000 02	1.8499196 00	6.7469743 00	8.5968938 00
3.0550000 02	2.4865910 00	6.3090140 00	8.7956050 00
3.0560000 02	3.7411663 00	5.9493629 00	9.6905292 00
3.0570000 02	6.4904966 00	6.0044014 00	1.2494898 01
3.0580000 02	1.2606755 01	7.3064529 00	1.9913208 01
3.0590000 02	2.5365626 01	1.1484128 01	3.6849754 01
3.0600000 02	4.9089610 01	2.0957984 01	7.0047594 01
3.0610000 02	8.7123831 01	3.8111020 01	1.2523485 02
3.0619999 02	1.3815785 02	6.3410421 01	2.0156827 02
3.0630000 02	1.9326435 02	9.3503859 01	2.8676821 02
3.0640000 02	2.3677256 02	1.2090650 02	3.5767906 02
3.0650000 02	2.5342431 02	1.3706536 02	3.9048967 02
3.0660000 02	2.3662979 02	1.3671181 02	3.7334160 02
3.0670000 02	1.9305063 02	1.2112175 02	3.1417238 02
3.0680000 02	1.3797903 02	9.6828650 01	2.3480768 02
3.0690000 02	8.7023116 01	7.1788843 01	1.5881196 02
3.0700000 02	4.9060194 01	5.1437246 01	1.0049744 02
3.0710000 02	2.5373123 01	3.7516973 01	6.2890096 01
3.0720000 02	1.2621582 01	2.9108111 01	4.1729693 01
3.0730000 02	6.4995651 00	2.4372134 01	3.0871699 01
3.0740000 02	3.7438923 00	2.1710999 01	2.5454891 01
3.0750000 02	2.4853034 00	2.0111081 01	2.2596384 01
3.0760000 02	1.8469482 00	1.9043693 01	2.0890641 01
3.0770000 02	1.4695372 00	1.8260458 01	1.9729995 01

TABLE I (Continued)

T = 0.0253 ev

E_{π} (ev)	σ_{γ} (barns)	σ_{α} (barns)	σ_{π} (barns)
3.0780000 02	1.2152905 00	1.7647191 01	1.8862481 01
3.0790000 02	1.0294167 00	1.7147401 01	1.8176818 01
3.0800000 02	8.8694729-01	1.6729355 01	1.7616302 01
3.0900000 02	3.2714158-01	1.4557154 01	1.4884296 01
3.1000000 02	1.8656497-01	1.3659628 01	1.3846193 01
3.1100000 02	1.3095504-01	1.3139307 01	1.3270262 01
3.1110000 02	1.2737975-01	1.3098018 01	1.3225398 01
3.1120000 02	1.2404548-01	1.3058155 01	1.3182201 01
3.1130000 02	1.2093221-01	1.3019606 01	1.3140538 01
3.1140000 02	1.1802231-01	1.2982309 01	1.3100331 01
3.1150000 02	1.1529933-01	1.2946158 01	1.3061457 01
3.1160000 02	1.1274961-01	1.2911100 01	1.3023849 01
3.1170000 02	1.1035956-01	1.2877057 01	1.2987417 01
3.1180000 02	1.0811727-01	1.2843965 01	1.2952082 01
3.1190000 02	1.0601255-01	1.2811775 01	1.2917788 01
3.1200000 02	1.0403527-01	1.2780412 01	1.2884447 01
3.1300000 02	8.9672222-02	1.2503554 01	1.2593226 01
3.1400000 02	8.1851654-02	1.2272075 01	1.2353927 01
3.1500000 02	7.7964811-02	1.2066148 01	1.2144113 01
3.1600000 02	7.6795761-02	1.1873598 01	1.1950394 01
3.1700000 02	7.7800231-02	1.1685858 01	1.1763658 01
3.1800000 02	8.0825654-02	1.1496080 01	1.1576906 01
3.1900000 02	8.6013760-02	1.1297904 01	1.1383917 01
3.2000000 02	9.3806736-02	1.1084571 01	1.1178378 01
3.2100000 02	1.0504640-01	1.0847971 01	1.0953017 01
3.2200000 02	1.2121265-01	1.0577453 01	1.0698665 01
3.2300000 02	1.4493084-01	1.0257747 01	1.0402678 01
3.2400000 02	1.8110408-01	9.8654599 00	1.0046564 01
3.2500000 02	2.3966458-01	9.3618280 00	9.6014926 00
3.2600000 02	3.4326549-01	8.6769046 00	9.0201700 00
3.2700000 02	5.5344467-01	7.6696921 00	8.2231367 00
3.2800000 02	1.0926220 00	6.0121499 00	7.1047719 00
3.2900000 02	3.4209529 00	2.8843714 00	6.3053243 00
3.2910000 02	4.0669124 00	2.4733798 00	6.5402922 00
3.2920000 02	4.9546316 00	2.0968588 00	7.0514904 00
3.2930000 02	6.2648548 00	1.8632535 00	8.1281083 00
3.2940000 02	8.3992431 00	2.0695179 00	1.0468761 01
3.2950000 02	1.2255308 01	3.4771310 00	1.5732439 01
3.2960000 02	1.9709269 01	7.8319991 00	2.7541267 01
3.2970000 02	3.4208274 01	1.8576011 01	5.2784285 01
3.2980000 02	6.0966999 01	4.1280631 01	1.0224763 02
3.2990000 02	1.0581787 02	8.2788111 01	1.8860598 02
3.3000000 02	1.7191532 02	1.4802723 02	3.1994255 02
3.3010000 02	2.5502389 02	2.3489673 02	4.8992062 02
3.3020000 02	3.4048034 02	3.3019038 02	6.7067071 02
3.3030000 02	4.0594922 02	4.1114666 02	8.1709589 02
3.3040000 02	4.3053535 02	4.5407894 02	8.8461429 02
3.3050000 02	4.0571411 02	4.4625392 02	8.5196803 02
3.3060000 02	3.4014072 02	3.9257898 02	7.3271969 02
3.3070000 02	2.5470257 02	3.1231275 02	5.6701532 02
3.3080000 02	1.7170307 02	2.2855082 02	4.0025389 02
3.3090000 02	1.0572343 02	1.5812689 02	2.6385032 02
3.3100000 02	6.0941469 01	1.0757432 02	1.6851579 02
3.3110000 02	3.4215904 01	7.5350696 01	1.0956660 02
3.3120000 02	1.9718580 01	5.6315554 01	7.6034134 01
3.3130000 02	1.2257147 01	4.5351294 01	5.7608441 01
3.3140000 02	8.3955696 00	3.8831507 01	4.7227077 01
3.3150000 02	6.2579233 00	3.4648010 01	4.0905933 01
3.3200000 02	2.5367497 00	2.5172476 01	2.7709226 01
3.3300000 02	9.3597977-01	1.9091976 01	2.0027956 01
3.3400000 02	5.0889723-01	1.6662105 01	1.7171002 01
3.3500000 02	3.3752514-01	1.5286602 01	1.5624127 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
3.360000 02	2.5684352-01	1.4341858 01	1.4598701 01
3.370000 02	2.1963936-01	1.3590865 01	1.3810504 01
3.380000 02	2.1127595-01	1.2907737 01	1.3119013 01
3.390000 02	2.3309753-01	1.2191434 01	1.2424531 01
3.400000 02	3.0823368-01	1.1305760 01	1.1613993 01
3.410000 02	5.3768365-01	9.9510283 00	1.0488712 01
3.420000 02	1.6881892 00	7.0691690 00	8.7573582 00
3.421000 02	2.0584257 00	6.5855711 00	8.6439968 00
3.422000 02	2.6327006 00	6.0800943 00	8.7127949 00
3.423000 02	3.6464377 00	5.6551416 00	9.3015793 00
3.424000 02	5.6595794 00	5.6243316 00	1.1283911 01
3.425000 02	9.8857503 00	6.7712636 00	1.6657014 01
3.426000 02	1.8593340 01	1.0712726 01	2.9306066 01
3.4269999 02	3.5238164 01	2.0141100 01	5.5379264 01
3.4280000 02	6.3691687 01	3.8450423 01	1.0214211 02
3.4290000 02	1.0605599 02	6.8233800 01	1.7428979 02
3.4300000 02	1.5958539 02	1.0882221 02	2.6840760 02
3.4310000 02	2.1473822 02	1.5425190 02	3.6899012 02
3.4320000 02	2.5702485 02	1.9386117 02	4.5088602 02
3.4330000 02	2.7291830 02	2.1625930 02	4.8917760 02
3.4340000 02	2.5688515 02	2.1492337 02	4.7180852 02
3.4350000 02	2.1452708 02	1.9161750 02	4.0614458 02
3.4360000 02	1.5938181 02	1.5506706 02	3.1444887 02
3.4370000 02	1.0592676 02	1.1614610 02	2.2207286 02
3.4380000 02	6.3635641 01	8.3021959 01	1.4665760 02
3.4390000 02	3.5227851 01	5.9082625 01	9.4310476 01
3.4400000 02	1.8598182 01	4.3790814 01	6.2388996 01
3.4410000 02	9.8889712 00	3.4795212 01	4.4684183 01
3.4420000 02	5.6554987 00	2.9659813 01	3.5315312 01
3.4430000 02	3.6358830 00	2.6635270 01	3.0271153 01
3.4440000 02	2.6183381 00	2.4703975 01	2.7322313 01
3.4450000 02	2.0419254 00	2.3346678 01	2.5388603 01
3.4500000 02	9.2629763-01	1.9736403 01	2.0662700 01
3.4600000 02	3.8009612-01	1.6977577 01	1.7357673 01
3.4700000 02	2.2277669-01	1.5750602 01	1.5973378 01
3.4800000 02	1.5559902-01	1.5022352 01	1.5177951 01
3.4900000 02	1.2077055-01	1.4519799 01	1.4640570 01
3.5000000 02	1.0058976-01	1.4137873 01	1.4238463 01
3.5100000 02	8.8150241-02	1.3826812 01	1.3914963 01
3.5200000 02	8.0324613-02	1.3559443 01	1.3639768 01
3.5300000 02	7.5563474-02	1.3319079 01	1.3394643 01
3.5400000 02	7.3078037-02	1.3094334 01	1.3167412 01
3.5500000 02	7.2503780-02	1.2876431 01	1.2948934 01
3.5600000 02	7.3764890-02	1.2657776 01	1.2731541 01
3.5700000 02	7.7042503-02	1.2430702 01	1.2507744 01
3.5800000 02	8.2827766-02	1.2186517 01	1.2269345 01
3.5900000 02	9.2087502-02	1.1914000 01	1.2006087 01
3.6000000 02	1.0665266-01	1.1597155 01	1.1703807 01
3.6100000 02	1.3014678-01	1.1210917 01	1.1341064 01
3.6200000 02	1.7045572-01	1.0711787 01	1.0882242 01
3.6300000 02	2.4754888-01	1.0014849 01	1.0262398 01
3.6400000 02	4.2601521-01	8.9239493 00	9.3499645 00
3.6500000 02	1.0390784 00	6.8510946 00	7.8901729 00
3.6550000 02	2.3147762 00	4.9121179 00	7.2268941 00
3.6560000 02	3.0036277 00	4.4935757 00	7.4972034 00
3.6570000 02	4.2418235 00	4.2848915 00	8.5267151 00
3.6580000 02	6.6887194 00	4.7561345 00	1.1444854 01
3.6590000 02	1.1678216 01	6.9613988 00	1.8639615 01
3.6600000 02	2.1529904 01	1.2883147 01	3.4413051 01
3.6610000 02	3.9509824 01	2.5541855 01	6.5051679 01
3.6620000 02	6.8927320 01	4.8381930 01	1.1730925 02
3.6630000 02	1.1108891 02	8.3562941 01	1.9465185 02

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
3.6540000 02	1.6270148 02	1.2949786 02	2.9219934 02
3.6650000 02	2.1463164 02	1.7922471 02	3.9385635 02
3.6660000 02	2.5330401 02	2.2138982 02	4.7519383 02
3.6670000 02	2.6240581 02	2.4444762 02	5.1285343 02
3.6680000 02	2.5368154 02	2.4204722 02	4.9572876 02
3.6690000 02	2.1445048 02	2.1615076 02	4.3060124 02
3.6700000 02	1.6253718 02	1.7573324 02	3.3827042 02
3.6710000 02	1.1099551 02	1.3212433 02	2.4311984 02
3.6720000 02	6.8914957 01	9.4177193 01	1.6309215 02
3.6730000 02	3.9554400 01	6.5987190 01	1.0554159 02
3.6739999 02	2.1603834 01	4.7439974 01	6.9043808 01
3.6750000 02	1.1765315 01	3.6243344 01	4.8008658 01
3.6770002 02	4.3428027 00	2.5951825 01	3.0294627 01
3.6800000 02	2.0169641 00	2.0622543 01	2.2639507 01
3.6830002 02	1.3684018 00	1.8044301 01	1.9412703 01
3.6850002 02	1.1588969 00	1.6816636 01	1.7975533 01
3.6870002 02	1.0414006 00	1.5788187 01	1.6829587 01
3.6890002 02	9.9018934-01	1.4870992 01	1.5861181 01
3.6900000 02	9.8592659-01	1.4427794 01	1.5413721 01
3.6910002 02	9.9711456-01	1.4003332 01	1.5000447 01
3.6930002 02	1.0676526 00	1.3133100 01	1.4200753 01
3.6950002 02	1.2257538 00	1.2206173 01	1.3431927 01
3.6970002 02	1.5410504 00	1.1157672 01	1.2698722 01
3.6990001 02	2.2981232 00	9.9519989 00	1.2250122 01
3.7000000 02	3.1970831 00	9.3750629 00	1.2572146 01
3.7010000 02	5.0525348 00	9.0790453 00	1.4131580 01
3.7020000 02	8.9442534 00	9.6168755 00	1.8561129 01
3.7030000 02	1.6755470 01	1.2083283 01	2.8338753 01
3.7040000 02	3.1139104 01	1.8206894 01	4.9345998 01
3.7050000 02	5.4781372 01	3.0048904 01	8.4830276 01
3.7060000 02	8.8729644 01	4.9062437 01	1.3779208 02
3.7070000 02	1.3032017 02	7.4686069 01	2.0500624 02
3.7080000 02	1.7217897 02	1.0330760 02	2.7548657 02
3.7090000 02	2.0374814 02	1.2863595 02	3.3238408 02
3.7100000 02	2.1551098 02	1.4396396 02	3.5947494 02
3.7110000 02	2.0363190 02	1.4521839 02	3.4885029 02
3.7120000 02	1.7200005 02	1.3292759 02	3.0492764 02
3.7130000 02	1.3013550 02	1.1172075 02	2.4185625 02
3.7140000 02	8.8579153 01	8.7870617 01	1.7644977 02
3.7150000 02	5.4669851 01	6.6521629 01	1.2119148 02
3.7160000 02	3.1050892 01	5.0269732 01	3.1320624 01
3.7170000 02	1.6668243 01	3.9314177 01	5.5982420 01
3.7180000 02	8.8423356 00	3.2521171 01	4.1363506 01
3.7190000 02	4.9295015 00	2.8466904 01	3.3396405 01
3.7200000 02	3.0517292 00	2.6008150 01	2.9059879 01
3.7300000 02	5.4614793-01	1.9299495 01	1.9845643 01
3.7400000 02	2.6798491-01	1.7462288 01	1.7730273 01
3.7500000 02	1.7004676-01	1.6511196 01	1.6681242 01
3.7600000 02	1.2287359-01	1.5907860 01	1.6030734 01
3.7700000 02	9.6037257-02	1.5481560 01	1.5577597 01
3.7800000 02	7.9105116-02	1.5159261 01	1.5238366 01
3.7900000 02	6.7643681-02	1.4903945 01	1.4971589 01
3.8000000 02	5.9483568-02	1.4694603 01	1.4754087 01
3.8100000 02	5.3451451-02	1.4518275 01	1.4571726 01
3.8200000 02	4.8863834-02	1.4366509 01	1.4415373 01
3.8300000 02	4.5299397-02	1.4233446 01	1.4278745 01
3.8400000 02	4.2487205-02	1.4114961 01	1.4157448 01
3.8500000 02	4.0247219-02	1.4007961 01	1.4046208 01
3.8600000 02	3.8457500-02	1.3910056 01	1.3948514 01
3.8700000 02	3.7035281-02	1.3819370 01	1.3856405 01
3.8800000 02	3.5925853-02	1.3734334 01	1.3770260 01
3.8900000 02	3.5096400-02	1.3653621 01	1.3688717 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
3.9000000 02	3.4533212-02	1.3575973 01	1.3610506 01
3.9100000 02	3.4242195-02	1.3500196 01	1.3534438 01
3.9200000 02	3.4252832-02	1.3425028 01	1.3459281 01
3.9300000 02	3.4627530-02	1.3348981 01	1.3383609 01
3.9500000 02	3.7019109-02	1.3186283 01	1.3223302 01
3.9600000 02	3.9622798-02	1.3093389 01	1.3133012 01
3.9700000 02	4.4043135-02	1.2985461 01	1.3029504 01
3.9800000 02	5.1915525-02	1.2851604 01	1.2903519 01
3.9900000 02	6.7369471-02	1.2669582 01	1.2736951 01
4.0000000 02	1.0356847-01	1.2385104 01	1.2488673 01
4.0100000 02	2.2541783-01	1.1817474 01	1.2042891 01
4.0150002 02	4.6204756-01	1.1204523 01	1.1666571 01
4.0180002 02	1.2433167 00	1.0546400 01	1.1789717 01
4.0200000 02	4.1534648 00	1.0169850 01	1.4323315 01
4.0210000 02	8.0123409 00	1.0329530 01	1.8341871 01
4.0220000 02	1.4904787 01	1.1100487 01	2.6005274 01
4.0230000 02	2.5893411 01	1.2874752 01	3.8768163 01
4.0240000 02	4.1162187 01	1.5948470 01	5.7110656 01
4.0250000 02	5.9265119 01	2.0312725 01	7.9577844 01
4.0260000 02	7.7110327 01	2.5511943 01	1.0262227 02
4.0270000 02	9.0547148 01	3.0587842 01	1.2113499 02
4.0280000 02	9.5576331 01	3.4313937 01	1.2989027 02
4.0290000 02	9.0488016 01	3.5808245 01	1.2629626 02
4.0300000 02	7.7040592 01	3.4952088 01	1.1199268 02
4.0310000 02	5.9214960 01	3.2277505 01	9.1492464 01
4.0320000 02	4.1122970 01	2.8653847 01	6.9776816 01
4.0330000 02	2.5867096 01	2.4994299 01	5.0861395 01
4.0340000 02	1.4898538 01	2.1926617 01	3.6825155 01
4.0350000 02	8.0186366 00	1.9660668 01	2.7679304 01
4.0360000 02	4.1601306 00	1.8118781 01	2.2278911 01
4.0370000 02	2.1868029 00	1.7115026 01	1.9301829 01
4.0380000 02	1.2437725 00	1.6462822 01	1.7706594 01
4.0390000 02	8.0143929-01	1.6021750 01	1.6823189 01
4.0400000 02	5.8245871-01	1.5704062 01	1.6286520 01
4.0500000 02	1.5321105-01	1.4423263 01	1.4576474 01
4.0600000 02	8.2758688-02	1.3984509 01	1.4067268 01
4.0700000 02	5.7342476-02	1.3747722 01	1.3805064 01
4.0800000 02	4.5290888-02	1.3592896 01	1.3638187 01
4.0900000 02	3.8660614-02	1.3479557 01	1.3518217 01
4.1000000 02	3.4734515-02	1.3389784 01	1.3424518 01
4.1100000 02	3.2583717-02	1.3313755 01	1.3346339 01
4.1200000 02	3.3433278-02	1.3242230 01	1.3275663 01
4.1250000 02	5.6395060-02	1.3198101 01	1.3254496 01
4.1260000 02	8.3292016-02	1.3186338 01	1.3269630 01
4.1269999 02	1.3676249-01	1.3173230 01	1.3309992 01
4.1280000 02	2.3024904-01	1.3159444 01	1.3389693 01
4.1290000 02	3.7707457-01	1.3147074 01	1.3524148 01
4.1300000 02	5.8525491-01	1.3138798 01	1.3724053 01
4.1310000 02	8.2932544-01	1.3137234 01	1.3966559 01
4.1320000 02	1.0595388 00	1.3145931 01	1.4205470 01
4.1330000 02	1.2394983 00	1.3164790 01	1.4404288 01
4.1340000 02	1.3128528 00	1.3188139 01	1.4500992 01
4.1350000 02	1.2378464 00	1.3211848 01	1.4449694 01
4.1360000 02	1.0587167 00	1.3231358 01	1.4290075 01
4.1370000 02	8.2834472-01	1.3240793 01	1.4069138 01
4.1380000 02	5.8325605-01	1.3240272 01	1.3823528 01
4.1390000 02	3.7559522-01	1.3233079 01	1.3608674 01
4.1400000 02	2.2913991-01	1.3221642 01	1.3450782 01
4.1410000 02	1.3524435-01	1.3208757 01	1.3344001 01
4.1420000 02	8.1551207-02	1.3196561 01	1.3278112 01
4.1430000 02	5.4489392-02	1.3185711 01	1.3240200 01
4.1440000 02	4.1645266-02	1.3176238 01	1.3217883 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_y (barns)	σ_S (barns)	σ_m (barns)
4.1450000 02	3.5656304-02	1.3167941 01	1.3203598 01
4.1500000 02	2.9017618-02	1.3135695 01	1.3164703 01
4.1600000 02	2.6492908-02	1.3086595 01	1.3113088 01
4.1700000 02	2.5475491-02	1.3044480 01	1.3069955 01
4.1800000 02	2.4844527-02	1.3005852 01	1.3030696 01
4.1900000 02	2.4388767-02	1.2969535 01	1.2993923 01
4.2000000 02	2.4037200-02	1.2934946 01	1.2959983 01
4.2100000 02	2.3757406-02	1.2901657 01	1.2925414 01
4.2200000 02	2.3531608-02	1.2869406 01	1.2892938 01
4.2300000 02	2.3348852-02	1.2837960 01	1.2861308 01
4.2400000 02	2.3201899-02	1.2807164 01	1.2830366 01
4.2500000 02	2.3085739-02	1.2776861 01	1.2799947 01
4.2600000 02	2.2996843-02	1.2746906 01	1.2769903 01
4.2700000 02	2.2932743-02	1.2717206 01	1.2740139 01
4.2800000 02	2.2891722-02	1.2687632 01	1.2710524 01
4.2900000 02	2.2872691-02	1.2658092 01	1.2680965 01
4.3000000 02	2.2875067-02	1.2628494 01	1.2651369 01
4.3100000 02	2.2898693-02	1.2598736 01	1.2621634 01
4.3200000 02	2.2943838-02	1.2568728 01	1.2591672 01
4.3300000 02	2.3011139-02	1.2538372 01	1.2561383 01
4.3400000 02	2.3101641-02	1.2507552 01	1.2530654 01
4.3500000 02	2.3216819-02	1.2476188 01	1.2499404 01
4.3600000 02	2.3358582-02	1.2444132 01	1.2467491 01
4.3700000 02	2.3529408-02	1.2411296 01	1.2434825 01
4.3800000 02	2.3732350-02	1.2377527 01	1.2401259 01
4.3900000 02	2.3971209-02	1.2342667 01	1.2366638 01
4.4000000 02	2.4250675-02	1.2306554 01	1.2330805 01
4.4100000 02	2.4576549-02	1.2269004 01	1.2293581 01
4.4200000 02	2.4955976-02	1.2229785 01	1.2254741 01
4.4300000 02	2.5397889-02	1.2188654 01	1.2214052 01
4.4400000 02	2.5913454-02	1.2145289 01	1.2171202 01
4.4500000 02	2.6516813-02	1.2099360 01	1.2125877 01
4.4600000 02	2.7226055-02	1.2050434 01	1.2077660 01
4.4700000 02	2.8064580-02	1.1997979 01	1.2026043 01
4.4800000 02	2.9063307-02	1.1941402 01	1.1970465 01
4.4900000 02	3.0263626-02	1.1879880 01	1.1910144 01
4.5000000 02	3.1722717-02	1.1812448 01	1.1844171 01
4.5100000 02	3.3522223-02	1.1737817 01	1.1771339 01
4.5200000 02	3.5785841-02	1.1654246 01	1.1690031 01
4.5300000 02	3.8722725-02	1.1559372 01	1.1598095 01
4.5400000 02	4.2788666-02	1.1449454 01	1.1492243 01
4.5500000 02	5.0134669-02	1.1316653 01	1.1366788 01
4.5510000 02	5.1673006-02	1.1301270 01	1.1352943 01
4.5520000 02	5.3990473-02	1.1285246 01	1.1339236 01
4.5530000 02	5.8047550-02	1.1268402 01	1.1326450 01
4.5540000 02	6.6049658-02	1.1250516 01	1.1316565 01
4.5550000 02	8.2037841-02	1.1231323 01	1.1313361 01
4.5560000 02	1.1387811-01	1.1210754 01	1.1324632 01
4.5570000 02	1.7064518-01	1.1188849 01	1.1359494 01
4.5580000 02	2.6786577-01	1.1166660 01	1.1434526 01
4.5590000 02	4.0702483-01	1.1145358 01	1.1552383 01
4.5600000 02	5.9991453-01	1.1127966 01	1.1727881 01
4.5610000 02	8.0486409-01	1.1116056 01	1.1920920 01
4.5620000 02	1.0201934 00	1.1112106 01	1.2132299 01
4.5630000 02	1.1534879 00	1.11114837 01	1.2268325 01
4.5640000 02	1.2244949 00	1.1121832 01	1.2346327 01
4.5650000 02	1.1548222 00	1.1128928 01	1.2283750 01
4.5660000 02	1.0224824 00	1.1130807 01	1.2153290 01
4.5669999 02	8.0947765-01	1.1125958 01	1.1935436 01
4.5680000 02	6.0561504-01	1.1112136 01	1.1717751 01
4.5690000 02	4.1538084-01	1.1092297 01	1.1507678 01
4.5700000 02	2.7753423-01	1.1067530 01	1.1345064 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
4.5710000 02	1.8256345-01	1.1041107 01	1.1223671 01
4.5720000 02	1.2729335-01	1.1014060 01	1.1141353 01
4.5730000 02	9.7345082-02	1.0987556 01	1.1084901 01
4.5740000 02	8.3031180-02	1.0961611 01	1.1044642 01
4.5750000 02	7.6842982-02	1.0936190 01	1.1013033 01
4.5800000 02	7.6316779-02	1.0809077 01	1.0885394 01
4.5900000 02	9.3848063-02	1.0515793 01	1.0609641 01
4.6000000 02	1.2558678-01	1.0125054 01	1.0250641 01
4.6100000 02	1.8520335-01	9.5623319 00	9.7475353 00
4.6200000 02	3.1709026-01	8.6664278 00	8.9835179 00
4.6300000 02	7.1934344-01	6.9922904 00	7.7116339 00
4.6400000 02	5.6263618 00	4.9371652 00	1.0563527 01
4.6410000 02	9.2982408 00	7.0816261 00	1.6379867 01
4.6419999 02	1.6017267 01	1.2212445 01	2.8229712 01
4.6430000 02	2.7593923 01	2.2468392 01	5.0062315 01
4.6440000 02	4.5946558 01	4.0349447 01	8.6296005 01
4.6450000 02	7.2287206 01	6.7865613 01	1.4015282 02
4.6460000 02	1.0595274 02	1.0517238 02	2.1112512 02
4.6470000 02	1.4346389 02	1.4927066 02	2.9273455 02
4.6480000 02	1.7860776 02	1.9372257 02	3.7233033 02
4.6490000 02	2.0386516 02	2.2988483 02	4.3374999 02
4.6500000 02	2.1306322 02	2.4978493 02	4.6284815 02
4.6510000 02	2.0378266 02	2.4908177 02	4.5286443 02
4.6520000 02	1.7847734 02	2.2886089 02	4.0733823 02
4.6530000 02	1.4332535 02	1.9492931 02	3.3825466 02
4.6540000 02	1.0583979 02	1.5540661 02	2.6124640 02
4.6550000 02	7.2223819 01	1.1769940 02	1.8992322 02
4.6560000 02	4.5922630 01	8.6528329 01	1.3245096 02
4.6570000 02	2.7591868 01	6.3515400 01	9.1107268 01
4.6580000 02	1.6025527 01	4.7973849 01	6.3999375 01
4.6590000 02	9.3067849 00	3.8125875 01	4.7432660 01
4.6600000 02	5.6317625 00	3.2080955 01	3.7712717 01
4.6700000 02	7.1771514-01	1.9073528 01	1.9791244 01
4.6800000 02	3.1686724-01	1.6497118 01	1.6813985 01
4.6900000 02	1.8596923-01	1.5298380 01	1.5484349 01
4.7000000 02	1.2711860-01	1.4590843 01	1.4717961 01
4.7100000 02	9.5845421-02	1.4114437 01	1.4210282 01
4.7200000 02	7.7463024-02	1.3764256 01	1.3841719 01
4.7300000 02	6.5964661-02	1.3489545 01	1.3555509 01
4.7400000 02	5.8530461-02	1.3262435 01	1.3320966 01
4.7500000 02	5.3710229-02	1.3066083 01	1.3119793 01
4.7600000 02	5.0716893-02	1.2889435 01	1.2940152 01
4.7700000 02	4.9120190-02	1.2724557 01	1.2773677 01
4.7800000 02	4.8706807-02	1.2565205 01	1.2613912 01
4.7900000 02	4.9418161-02	1.2405904 01	1.2455322 01
4.8000000 02	5.1333865-02	1.2241253 01	1.2292587 01
4.8100000 02	5.4692206-02	1.2065253 01	1.2119945 01
4.8200000 02	5.9957331-02	1.1870490 01	1.1930447 01
4.8300000 02	6.7969155-02	1.1646897 01	1.1714866 01
4.8400000 02	8.0266801-02	1.1379625 01	1.1459891 01
4.8500000 02	9.9836836-02	1.1045048 01	1.1144885 01
4.8600000 02	1.3303777-01	1.0602041 01	1.0735079 01
4.8700000 02	1.9541671-01	9.9714042 00	1.0166821 01
4.8800000 02	3.3411913-01	8.9768488 00	9.3109680 00
4.8900000 02	7.6010649-01	7.1346026 00	7.8947091 00
4.8950002 02	1.4644521 00	5.4912442 00	6.9556964 00
4.9000000 02	6.3052743 00	5.5435517 00	1.1848826 01
4.9010000 02	1.0377034 01	8.4301749 00	1.8807209 01
4.9019999 02	1.7598904 01	1.4815191 01	3.2414095 01
4.9030000 02	2.9641554 01	2.6933635 01	5.6575190 01
4.9040000 02	4.8150514 01	4.7240324 01	9.5390838 01
4.9050000 02	7.3975233 01	7.7492146 01	1.5146738 02

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
4.9060000 02	1.0619969 02	1.1745716 02	2.2365685 02
4.9070000 02	1.4141914 02	1.6376748 02	3.0518663 02
4.9080000 02	1.7392107 02	2.0977033 02	3.8369140 02
4.9090000 02	1.9705996 02	2.4692043 02	4.4396039 02
4.9100000 02	2.0544073 02	2.6742379 02	4.7286452 02
4.9110000 02	1.9698508 02	2.6706545 02	4.6405053 02
4.9120000 02	1.7380292 02	2.4682469 02	4.2062761 02
4.9130000 02	1.4128959 02	2.1227787 02	3.5356746 02
4.9140000 02	1.0609378 02	1.7135267 02	2.7744645 02
4.9150000 02	7.3909837 01	1.3152934 02	2.0543918 02
4.9160000 02	4.8119193 01	9.7844067 01	1.4596326 02
4.9170000 02	2.9636608 01	7.2332383 01	1.0196899 02
4.9180000 02	1.7605372 01	5.4634207 01	7.2239579 01
4.9190000 02	1.0384064 01	4.3131004 01	5.3515067 01
4.9200000 02	6.3100645 00	3.5929528 01	4.2239592 01
4.9250002 02	1.4604751 00	2.3992304 01	2.5452779 01
4.9300000 02	7.5641786-01	2.0594691 01	2.1351109 01
4.9400000 02	3.3076978-01	1.7703040 01	1.8033810 01
4.9500000 02	1.9196832-01	1.6372486 01	1.6564454 01
4.9600000 02	1.2927394-01	1.5597046 01	1.5726320 01
4.9700000 02	9.5618663-02	1.5084009 01	1.5179628 01
4.9800000 02	7.5477590-02	1.4715878 01	1.4791356 01
4.9900000 02	6.2494093-02	1.4436146 01	1.4498640 01
5.0000000 02	5.3669878-02	1.4214157 01	1.4267827 01
5.0100000 02	4.7443747-02	1.4031768 01	1.4079212 01
5.0200000 02	4.2943540-02	1.3877450 01	1.3920393 01
5.0300000 02	3.9660103-02	1.3743427 01	1.3783087 01
5.0400000 02	3.7294919-02	1.3624099 01	1.3661394 01
5.0500000 02	3.5688953-02	1.3515095 01	1.3550784 01
5.0600000 02	3.4799960-02	1.3412665 01	1.3447465 01
5.0700000 02	3.4726996-02	1.3312939 01	1.3347666 01
5.0800000 02	3.5823983-02	1.3211062 01	1.3246886 01
5.0900000 02	3.9079922-02	1.3099164 01	1.3138244 01
5.1000000 02	4.7617121-02	1.2960359 01	1.3007976 01
5.1100000 02	7.5633206-02	1.2743557 01	1.2819190 01
5.1150002 02	1.2421843-01	1.2552116 01	1.2676335 01
5.1200000 02	6.6282362-01	1.2142043 01	1.2804866 01
5.1210000 02	1.2091843 00	1.2024991 01	1.3234175 01
5.1219999 02	2.2094907 00	1.1915692 01	1.4125183 01
5.1230000 02	3.8944158 00	1.1843035 01	1.5737451 01
5.1240000 02	6.5422947 00	1.1856576 01	1.8398871 01
5.1250000 02	1.0336419 01	1.2029292 01	2.2365711 01
5.1260000 02	1.5042223 01	1.2418369 01	2.7460592 01
5.1270000 02	2.0017354 01	1.3017046 01	3.3034400 01
5.1280000 02	2.4616344 01	1.3780922 01	3.8397266 01
5.1289999 02	2.8129290 01	1.4654156 01	4.2783446 01
5.1300000 02	2.9514759 01	1.5504833 01	4.5019592 01
5.1310000 02	2.8146717 01	1.6132594 01	4.4279311 01
5.1320000 02	2.4607852 01	1.6432179 01	4.1040031 01
5.1330000 02	1.9979586 01	1.6439837 01	3.6419423 01
5.1339999 02	1.5017666 01	1.6223323 01	3.1240989 01
5.1350000 02	1.0337053 01	1.5845962 01	2.6183015 01
5.1360000 02	6.5464294 00	1.5400935 01	2.1947364 01
5.1370000 02	3.8915841 00	1.4981662 01	1.8873246 01
5.1380000 02	2.2075539 00	1.4633588 01	1.6841142 01
5.1389999 02	1.2107891 00	1.4361548 01	1.5572337 01
5.1400000 02	6.6440272-01	1.4155852 01	1.4820255 01
5.1450002 02	1.2310904-01	1.3671492 01	1.3794601 01
5.1500000 02	7.4217461-02	1.3462794 01	1.3537012 01
5.1600000 02	4.5611674-02	1.3249088 01	1.3294699 01
5.1700000 02	3.6432127-02	1.3119799 01	1.3156231 01
5.1800000 02	3.2487675-02	1.3021693 01	1.3054181 01

TABLE I (Continued)

T = 0.0253 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
5.1900000 02	3.0653146-02	1.2937647 01	1.2968300 01
5.2000000 02	2.9936016-02	1.2859867 01	1.2889803 01
5.2100000 02	2.9982962-02	1.2783775 01	1.2813758 01
5.2200000 02	3.0707275-02	1.2705836 01	1.2736543 01
5.2300000 02	3.2191482-02	1.2622536 01	1.2654727 01
5.2400000 02	3.4700168-02	1.2529606 01	1.2564306 01
5.2500000 02	3.8793991-02	1.2420812 01	1.2459606 01
5.2600000 02	4.5648110-02	1.2285983 01	1.2331631 01
5.2700000 02	5.7955721-02	1.2106371 01	1.2164327 01
5.2800000 02	8.2994262-02	1.1841944 01	1.1924938 01
5.2900000 02	1.4683743-01	1.1387325 01	1.1534162 01
5.3000000 02	4.3147865-01	1.0330481 01	1.0761959 01
5.3010000 02	5.2643111-01	1.0138824 01	1.0665255 01
5.3019999 02	6.81113763-01	9.9226364 00	1.0603774 01
5.3030000 02	9.5964369-01	9.6893144 00	1.0648958 01
5.3040000 02	1.4927437 00	9.4663214 00	1.0959065 01
5.3050000 02	2.5271222 00	9.3215669 00	1.1848689 01
5.3060000 02	4.4806307 00	9.3926803 00	1.3873311 01
5.3070000 02	7.9699579 00	9.9147971 00	1.7884755 01
5.3080000 02	1.3747415 01	1.1222266 01	2.4969681 01
5.3089999 02	2.2491119 01	1.3693627 01	3.6184746 01
5.3100000 02	3.4449273 01	1.7622928 01	5.2072201 01
5.3110000 02	4.9093862 01	2.3059796 01	7.2153659 01
5.3120000 02	6.4889251 01	2.9659677 01	9.4548928 01
5.3130000 02	7.9390582 01	3.6633457 01	1.1602404 02
5.3139999 02	8.9724579 01	4.2845020 01	1.3256960 02
5.3150000 02	9.3478501 01	4.7101968 01	1.4058047 02
5.3160000 02	8.9706922 01	4.8599307 01	1.3830623 02
5.3170000 02	7.9358352 01	4.7222548 01	1.2658090 02
5.3180000 02	6.4838350 01	4.3548140 01	1.0838649 02
5.3189999 02	4.9040113 01	3.8553799 01	8.7593911 01
5.3200000 02	3.4409666 01	3.3248002 01	6.7657667 01
5.3210000 02	2.2472997 01	2.8410471 01	5.0883468 01
5.3220000 02	1.3748596 01	2.4474839 01	3.8223435 01
5.3230000 02	7.9768171 00	2.1547081 01	2.9523898 01
5.3239999 02	4.4875016 00	1.9510406 01	2.3997907 01
5.3250000 02	2.5312822 00	1.8147811 01	2.0679093 01
5.3300000 02	4.3062408-01	1.5599966 01	1.6030590 01
5.3400000 02	1.4599395-01	1.4335118 01	1.4481112 01
5.3500000 02	8.2224513-02	1.3834832 01	1.3917057 01
5.3600000 02	5.7241760-02	1.3553270 01	1.3610512 01
5.3700000 02	4.5055054-02	1.3365610 01	1.3410665 01
5.3800000 02	3.8506964-02	1.3225740 01	1.3264247 01
5.3900000 02	3.5179184-02	1.3111314 01	1.3146493 01
5.4000000 02	3.4740061-02	1.3007155 01	1.3041895 01
5.4100000 02	4.0510043-02	1.2892851 01	1.2933361 01
5.4200000 02	2.3089365-01	1.2668709 01	1.2899603 01
5.4210000 02	4.0546812-01	1.2623211 01	1.3028679 01
5.4220000 02	7.1678152-01	1.2573281 01	1.3290062 01
5.4230000 02	1.2271955 00	1.2524092 01	1.3751287 01
5.4239999 02	1.9925247 00	1.2484944 01	1.4477469 01
5.4250000 02	3.0374187 00	1.2468979 01	1.5506398 01
5.4260000 02	4.3257236 00	1.2491437 01	1.6817160 01
5.4270000 02	5.7339096 00	1.2565355 01	1.8299264 01
5.4280000 02	7.0456027 00	1.2695457 01	1.9741060 01
5.4289999 02	7.9926566 00	1.2872373 01	2.0865030 01
5.4300000 02	8.3421265 00	1.3070684 01	2.1412811 01
5.4310000 02	7.9980132 00	1.3255454 01	2.1253467 01
5.4320000 02	7.0523593 00	1.3395907 01	2.0448266 01
5.4330000 02	5.7378298 00	1.3475036 01	1.9212866 01
5.4339999 02	4.3245438 00	1.3493889 01	1.7818432 01
5.4350000 02	3.0323926 00	1.3465722 01	1.6498115 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_n (barns)
5.4360000 02	1.9867565 00	1.3408816 01	1.5395573 01
5.4370000 02	1.2229189 00	1.3339966 01	1.4562885 01
5.4379999 02	7.1432923-01	1.3271433 01	1.3985762 01
5.4389999 02	4.0406071-01	1.3210176 01	1.3614236 01
5.4400000 02	2.2959702-01	1.3158830 01	1.3388417 01
5.4500000 02	3.6401458-02	1.2942442 01	1.2978843 01
5.4600000 02	2.8092725-02	1.2854968 01	1.2883061 01
5.4700000 02	2.5204812-02	1.2792873 01	1.2818078 01
5.4800000 02	2.3803346-02	1.2741120 01	1.2764923 01
5.4900000 02	2.3011785-02	1.2694800 01	1.2717812 01
5.5000000 02	2.2537447-02	1.2651602 01	1.2674139 01
5.5100000 02	2.2258930-02	1.2610255 01	1.2632514 01
5.5200000 02	2.2119195-02	1.2569934 01	1.2592053 01
5.5300000 02	2.2090182-02	1.2529986 01	1.2552076 01
5.5400000 02	2.2159174-02	1.2489889 01	1.2512048 01
5.5500000 02	2.2323071-02	1.2449174 01	1.2471497 01
5.5600000 02	2.2586076-02	1.2407319 01	1.2429905 01
5.5700000 02	2.2959302-02	1.2363828 01	1.2386788 01
5.5800000 02	2.3461498-02	1.2318092 01	1.2341554 01
5.5900000 02	2.4121178-02	1.2269394 01	1.2293515 01
5.6000000 02	2.4980437-02	1.2216858 01	1.2241839 01
5.6100000 02	2.6101224-02	1.2159326 01	1.2185427 01
5.6200000 02	2.7576480-02	1.2095303 01	1.2122879 01
5.6300000 02	2.9549047-02	1.2022699 01	1.2052248 01
5.6400000 02	3.2246840-02	1.1938553 01	1.1970800 01
5.6500000 02	3.6050545-02	1.1838440 01	1.1874490 01
5.6600000 02	4.1635472-02	1.1715530 01	1.1757166 01
5.6700000 02	5.0293927-02	1.1558431 01	1.1608725 01
5.6800000 02	6.4765543-02	1.1346817 01	1.1411582 01
5.6900000 02	9.1754904-02	1.1040232 01	1.1131987 01
5.7000000 02	1.5171555-01	1.0544363 01	1.0696079 01
5.7100000 02	3.3816150-01	9.5728384 00	9.9109999 00
5.7150002 02	6.7243619-01	8.6103792 00	9.2828154 00
5.7200000 02	4.1240079 00	7.8892531 00	1.2013261 01
5.7210000 02	7.0827836 00	8.7093884 00	1.5792172 01
5.7220000 02	1.2091892 01	1.0649354 01	2.2741246 01
5.7230000 02	1.9986057 01	1.4324348 01	3.4310405 01
5.7239999 02	3.1440356 01	2.0347764 01	5.1788120 01
5.7250000 02	4.6581191 01	2.9090058 01	7.5671249 01
5.7260000 02	6.4582987 01	4.0380763 01	1.0496375 02
5.7270000 02	8.3496590 01	5.3305500 01	1.3680209 02
5.7279999 02	1.0042354 02	6.6193110 01	1.6661665 02
5.7289999 02	1.1223116 02	7.6964920 01	1.8919608 02
5.7300000 02	1.1646074 02	8.3692850 01	2.0015359 02
5.7310000 02	1.1219347 02	8.5216581 01	1.9741005 02
5.7320000 02	1.0036624 02	8.1515980 01	1.8188222 02
5.7329999 02	8.3428692 01	7.3667818 01	1.5709651 02
5.7340000 02	6.4523463 01	6.3437487 01	1.2796095 02
5.7350000 02	4.6538660 01	5.2696012 01	9.9234672 01
5.7360000 02	3.1422645 01	4.2916119 01	7.4338764 01
5.7370000 02	1.9982947 01	3.4925886 01	5.4908833 01
5.7379999 02	1.2096149 01	2.8941694 01	4.1037843 01
5.7390000 02	7.0890075 00	2.4751249 01	3.1840256 01
5.7400000 02	4.1300866 00	2.1949549 01	2.6079636 01
5.7450001 02	6.7252839-01	1.7008900 01	1.7681428 01
5.7500000 02	3.3855321-01	1.5622718 01	1.5961271 01
5.7600000 02	1.5347606-01	1.4413109 01	1.4566585 01
5.7700000 02	9.5505212-02	1.3826350 01	1.3921855 01
5.7800000 02	7.2502436-02	1.3454849 01	1.3527351 01
5.7900000 02	6.9973009-02	1.3157133 01	1.3227106 01
5.7930002 02	7.6437707-02	1.3069036 01	1.3145474 01
5.7950002 02	8.7193636-02	1.2998307 01	1.3085501 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
5.7970002 02	1.1869560-01	1.2914575 01	1.3033271 01
5.7990002 02	2.3855870-01	1.2808232 01	1.3046791 01
5.8000000 02	3.9286629-01	1.2738256 01	1.3131122 01
5.8010000 02	6.7873045-01	1.2667495 01	1.3346225 01
5.8020000 02	1.1726380 00	1.2594946 01	1.3767584 01
5.8029999 02	1.9621508 00	1.2530477 01	1.4492628 01
5.8039999 02	3.1184902 00	1.2489994 01	1.5608484 01
5.8050000 02	4.6575734 00	1.2493462 01	1.7151035 01
5.8060000 02	6.4968020 00	1.2560507 01	1.9057309 01
5.8070000 02	8.4348914 00	1.2702650 01	2.1137542 01
5.8079999 02	1.0174493 01	1.2916472 01	2.3090965 01
5.8090000 02	1.1388407 01	1.3180543 01	2.4568950 01
5.8100000 02	1.1821600 01	1.3457641 01	2.5279241 01
5.8110000 02	1.1380098 01	1.3705120 01	2.5085218 01
5.8120000 02	1.0159938 01	1.3687202 01	2.4047140 01
5.8129999 02	8.4172649 00	1.3984213 01	2.2401478 01
5.8140000 02	6.4787376 00	1.3996660 01	2.0475398 01
5.8150000 02	4.6409271 00	1.3941348 01	1.8582275 01
5.8160000 02	3.1049782 00	1.3843462 01	1.6948440 01
5.8169999 02	1.9508708 00	1.3727973 01	1.5678844 01
5.8180000 02	1.1629461 00	1.3613876 01	1.4776822 01
5.8190000 02	6.6957327-01	1.3512096 01	1.4181669 01
5.8200000 02	3.8351356-01	1.3426669 01	1.3810183 01
5.8210000 02	2.2809747-01	1.3357141 01	1.3585239 01
5.8220000 02	1.4751198-01	1.3300872 01	1.3448384 01
5.8230000 02	1.0643863-01	1.3254787 01	1.3361226 01
5.8239999 02	8.4950632-02	1.3216223 01	1.3301173 01
5.8250000 02	7.2822477-02	1.3183183 01	1.3256005 01
5.8260000 02	6.5177571-02	1.3154202 01	1.3219379 01
5.8270000 02	5.9805334-02	1.3128331 01	1.3168136 01
5.8280000 02	5.5709113-02	1.3104894 01	1.3160603 01
5.8289999 02	5.2421647-02	1.3083411 01	1.3135832 01
5.8300000 02	4.9698887-02	1.3063539 01	1.3113238 01
5.8400000 02	3.6109156-02	1.2915835 01	1.2951944 01
5.8500000 02	3.1024812-02	1.2812789 01	1.2843814 01
5.8600000 02	2.8396309-02	1.2729370 01	1.2757766 01
5.8700000 02	2.6852551-02	1.2656816 01	1.2683668 01
5.8800000 02	2.5924104-02	1.2590713 01	1.2616637 01
5.8900000 02	2.5417297-02	1.2528414 01	1.2553831 01
5.9000000 02	2.5252150-02	1.2467888 01	1.2493140 01
5.9100000 02	2.5412352-02	1.2407396 01	1.2432809 01
5.9200000 02	2.5933188-02	1.2345195 01	1.2371128 01
5.9300000 02	2.6911379-02	1.2279176 01	1.2306087 01
5.9400000 02	2.8540622-02	1.2206500 01	1.2235041 01
5.9500000 02	3.1198034-02	1.2122987 01	1.2154185 01
5.9600000 02	3.5657697-02	1.2021620 01	1.2057277 01
5.9700000 02	4.3687882-02	1.1889376 01	1.1933064 01
5.9800000 02	6.0080054-02	1.1698334 01	1.1758414 01
5.9900000 02	1.0216641-01	1.1374050 01	1.1476216 01
6.0000000 02	3.0514752-01	1.0614948 01	1.0920096 01
6.0010000 02	3.8622886-01	1.0475767 01	1.0861996 01
6.0019999 02	5.2856049-01	1.0319195 01	1.0847756 01
6.0030000 02	7.9468450-01	1.0151217 01	1.0945901 01
6.0040000 02	1.3013089 00	9.9907262 00	1.1292035 01
6.0050000 02	2.2457832 00	9.8798269 00	1.2125610 01
6.0060000 02	3.9245511 00	9.8955740 00	1.3820125 01
6.0070000 02	6.7262564 00	1.0158802 01	1.6885058 01
6.0080000 02	1.1066104 01	1.0830001 01	2.1896105 01
6.0089999 02	1.7262763 01	1.2084253 01	2.9347016 01
6.0100000 02	2.5348191 01	1.4055982 01	3.9404173 01
6.0110000 02	3.4887042 01	1.6765124 01	5.1652166 01
6.0120000 02	4.4866248 01	2.0045172 01	6.4911420 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_g (barns)	σ_T (barns)
6.0130000 02	5.3793867 01	2.3524505 01	7.7318371 01
6.0139999 02	6.0020107 01	2.6686199 01	8.6706306 01
6.0150000 02	6.2246210 01	2.9008496 01	9.1254706 01
6.0160000 02	5.9981236 01	3.0127897 01	9.0109133 01
6.0170000 02	5.3731139 01	2.9946769 01	8.3677907 01
6.0180000 02	4.4802414 01	2.8641273 01	7.3443687 01
6.0189999 02	3.4841486 01	2.6577295 01	6.1418781 01
6.0200000 02	2.5324377 01	2.4178565 01	4.9502942 01
6.0210000 02	1.7259426 01	2.1820992 01	3.9080418 01
6.0220000 02	1.1073463 01	1.9756097 01	3.0829560 01
6.0229999 02	6.7341946 00	1.8101222 01	2.4835417 01
6.0239999 02	3.9308693 00	1.6862838 01	2.0793707 01
6.0250000 02	2.2493501 00	1.5978565 01	1.8227916 01
6.0270002 02	7.9563490-01	1.4936208 01	1.5731843 01
6.0300000 02	3.0479794-01	1.4203031 01	1.4507829 01
6.0400000 02	1.0167203-01	1.3335594 01	1.3437266 01
6.0500000 02	5.9599915-02	1.2989496 01	1.3049096 01
6.0600000 02	4.3184373-02	1.2790674 01	1.2833858 01
6.0700000 02	3.5111611-02	1.2655384 01	1.2690495 01
6.0800000 02	3.0599743-02	1.2553151 01	1.2583751 01
6.0900000 02	2.7886380-02	1.2469969 01	1.2497856 01
6.1000000 02	2.6203688-02	1.2398443 01	1.2424647 01
6.1100000 02	2.5183586-02	1.2334066 01	1.2359250 01
6.1200000 02	2.4647509-02	1.2273834 01	1.2298482 01
6.1300000 02	2.4526227-02	1.2215380 01	1.2239906 01
6.1400000 02	2.4836863-02	1.2156461 01	1.2181298 01
6.1500000 02	2.5701677-02	1.2094570 01	1.2120271 01
6.1600000 02	2.7431507-02	1.2026076 01	1.2053507 01
6.1700000 02	3.0782164-02	1.1944777 01	1.1975559 01
6.1800000 02	3.7842339-02	1.1837799 01	1.1875641 01
6.1900000 02	5.6228557-02	1.1670951 01	1.1727180 01
6.2000000 02	1.4870004-01	1.1301372 01	1.1450072 01
6.2010000 02	1.8908209-01	1.1232477 01	1.1421559 01
6.2020000 02	2.6247896-01	1.1152297 01	1.1414776 01
6.2030000 02	4.0169845-01	1.1059866 01	1.1461564 01
6.2039999 02	6.6519290-01	1.0956930 01	1.1622023 01
6.2050000 02	1.1510304 00	1.0850954 01	1.2001984 01
6.2060000 02	2.0125094 00	1.0761082 01	1.2773591 01
6.2070000 02	3.4564674 00	1.0720154 01	1.4176622 01
6.2079999 02	5.6953946 00	1.0771891 01	1.6467286 01
6.2089999 02	8.8378299 00	1.0963067 01	1.9800897 01
6.2100000 02	1.2802441 01	1.1339516 01	2.4141957 01
6.2110000 02	1.7333743 01	1.1941706 01	2.9275449 01
6.2120000 02	2.2058973 01	1.2778991 01	3.4837864 01
6.2129999 02	2.6412722 01	1.3784080 01	4.0196801 01
6.2140000 02	2.9591549 01	1.4804333 01	4.4395882 01
6.2150000 02	3.0754225 01	1.5661874 01	4.6416098 01
6.2160000 02	2.9547271 01	1.6242274 01	4.5789545 01
6.2170000 02	2.6363329 01	1.6517631 01	4.2880960 01
6.2179999 02	2.2039158 01	1.6502446 01	3.8541604 01
6.2190000 02	1.7342713 01	1.6227983 01	3.3570696 01
6.2200000 02	1.2813236 01	1.5760140 01	2.8573376 01
6.2210000 02	8.8355458 00	1.5200790 01	2.4036336 01
6.2219999 02	5.6859845 00	1.4652355 01	2.0330339 01
6.2230000 02	3.4305096 00	1.4178795 01	1.7629305 01
6.2240000 02	2.0128946 00	1.3799218 01	1.5812112 01
6.2250000 02	1.1543403 00	1.3506867 01	1.4661207 01
6.2270002 02	4.0147928-01	1.3127004 01	1.3528483 01
6.2300000 02	1.4851827-01	1.2820201 01	1.2968719 01
6.2400000 02	5.5916372-02	1.2429379 01	1.2485295 01
6.2500000 02	3.7472506-02	1.2259110 01	1.2296583 01
6.2600000 02	3.0312341-02	1.2151862 01	1.2182174 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.2700000 02	2.6815983-02	1.2071802 01	1.2098618 01
6.2800000 02	2.4882631-02	1.2005824 01	1.2030706 01
6.2900000 02	2.3736109-02	1.1947874 01	1.1971610 01
6.3000000 02	2.3034793-02	1.1894756 01	1.1917791 01
6.3100000 02	2.2609293-02	1.1844593 01	1.1867202 01
6.3200000 02	2.2368345-02	1.1796188 01	1.1818556 01
6.3300000 02	2.2259757-02	1.1748674 01	1.1770934 01
6.3400000 02	2.2252625-02	1.1701461 01	1.1723713 01
6.3500000 02	2.2328416-02	1.1654073 01	1.1676401 01
6.3600000 02	2.2476289-02	1.1606088 01	1.1628564 01
6.3700000 02	2.2690604-02	1.1557158 01	1.1579848 01
6.3800000 02	2.2969501-02	1.1506931 01	1.1529901 01
6.3900000 02	2.3314189-02	1.1455096 01	1.1478410 01
6.4000000 02	2.3728600-02	1.1401301 01	1.1425029 01
6.4100000 02	2.4219466-02	1.1345165 01	1.1369384 01
6.4200000 02	2.4796617-02	1.1286277 01	1.1311074 01
6.4300000 02	2.5473622-02	1.1224199 01	1.1249672 01
6.4400000 02	2.6268750-02	1.1158360 01	1.1184629 01
6.4500000 02	2.7206633-02	1.1088136 01	1.1115342 01
6.4600000 02	2.8320670-02	1.1012745 01	1.1041066 01
6.4700000 02	2.9656757-02	1.0931186 01	1.0960843 01
6.4800000 02	3.1279167-02	1.0842257 01	1.0873536 01
6.4900000 02	3.3280482-02	1.0744334 01	1.0777614 01
6.5000000 02	3.5797752-02	1.0635289 01	1.0671087 01
6.5100000 02	3.9041846-02	1.0512151 01	1.0551192 01
6.5200000 02	4.3351977-02	1.0370704 01	1.0414056 01
6.5300000 02	4.9304960-02	1.0204693 01	1.0253998 01
6.5400000 02	5.7952516-02	1.0004197 01	1.0062150 01
6.5500000 02	7.1393083-02	9.7525510 00	9.8239440 00
6.5600000 02	9.4361733-02	9.4188956 00	9.5132573 00
6.5700000 02	1.3964728-01	8.9383526 00	9.0779999 00
6.5800000 02	2.5373939-01	8.1444451 00	8.3981844 00
6.5900000 02	8.2601738-01	6.4613077 00	7.2873251 00
6.5910000 02	1.0631379 00	6.2242425 00	7.2873804 00
6.5919999 02	1.4669452 00	6.0307114 00	7.4976566 00
6.5930000 02	2.1816805 00	5.9701609 00	8.1518413 00
6.5940000 02	3.4520307 00	6.2112692 00	9.6632998 00
6.5950000 02	5.6534473 00	7.0351427 00	1.2688590 01
6.5960000 02	9.3063599 00	8.8644301 00	1.8170790 01
6.5970000 02	1.5041275 01	1.2254670 01	2.7295945 01
6.5980000 02	2.3439961 01	1.7788136 01	4.1228097 01
6.5989999 02	3.4818504 01	2.5921046 01	6.0739550 01
6.6000000 02	4.9015128 01	3.6794909 01	8.5810037 01
6.6010000 02	6.5135695 01	4.9966336 01	1.1510203 02
6.6020000 02	8.1363137 01	6.4201383 01	1.4556452 02
6.6030000 02	9.5406571 01	7.7763628 01	1.7317020 02
6.6039999 02	1.0508261 02	8.8765909 01	1.9384852 02
6.6050000 02	1.0855975 02	9.5378939 01	2.0393869 02
6.6060000 02	1.0504721 02	9.6512929 01	2.0156014 02
6.6070000 02	9.5359277 01	9.2335011 01	1.8769429 02
6.6080000 02	8.1312468 01	8.3874771 01	1.6518724 02
6.6089999 02	6.5084245 01	7.2665694 01	1.3774994 02
6.6100000 02	4.8977054 01	6.0575136 01	1.0955219 02
6.6110000 02	3.4801949 01	4.9208729 01	8.4010677 01
6.6120000 02	2.3439455 01	3.9515233 01	6.2954688 01
6.6129999 02	1.5046064 01	3.1886091 01	4.6932155 01
6.6139999 02	9.3184910 00	2.6290603 01	3.5609094 01
6.6150000 02	5.6671541 00	2.2392065 01	2.8059219 01
6.6200000 02	8.3745848-01	1.5372927 01	1.6210386 01
6.6300000 02	2.7440040-01	1.2713907 01	1.2988307 01
6.6400000 02	1.7350106-01	1.1607442 01	1.1780943 01
6.6500000 02	1.4894061-01	1.0842330 01	1.0991271 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.6600000 02	1.6676999-01	1.0120643 01	1.0287413 01
6.6700000 02	2.7225671-01	9.1752944 00	9.4475510 00
6.6800000 02	3.6523997 00	7.8598214 00	1.1512221 01
6.6810000 02	6.0831669 00	8.2875431 00	1.4370710 01
6.6820000 02	9.9202294 00	9.2678975 00	1.9188127 01
6.6830000 02	1.5619587 01	1.1052599 01	2.6672186 01
6.6839999 02	2.3280783 01	1.3785579 01	3.7066362 01
6.6850000 02	3.2765365 01	1.7581697 01	5.0347062 01
6.6860000 02	4.3738530 01	2.2430218 01	6.6168748 01
6.6870000 02	5.4747403 01	2.7780248 01	8.2527651 01
6.6879999 02	6.3998533 01	3.2977710 01	9.6976242 01
6.6889999 02	7.0594986 01	3.7566424 01	1.0816141 02
6.6900000 02	7.3145037 01	4.0659903 01	1.1380494 02
6.6910000 02	7.0549541 01	4.1612909 01	1.1216245 02
6.6920000 02	6.3984172 01	4.0713318 01	1.0469749 02
6.6929999 02	5.4728786 01	3.8184172 01	9.2912958 01
6.6940000 02	4.3687315 01	3.4338785 01	7.8026099 01
6.6950000 02	3.2743973 01	3.0048674 01	6.2792647 01
6.6960000 02	2.3282133 01	2.5939092 01	4.9221225 01
6.6970000 02	1.5615148 01	2.2277769 01	3.7892916 01
6.6980000 02	9.9249033 00	1.9312635 01	2.9237538 01
6.6990000 02	6.0988798 00	1.7094467 01	2.3193346 01
6.7000000 02	3.6657098 00	1.5490216 01	1.9155926 01
6.7100000 02	2.9084617-01	1.1296820 01	1.1587666 01
6.7200000 02	1.9593956-01	1.0164500 01	1.0360440 01
6.7300000 02	1.8870128-01	9.2932961 00	9.4819974 00
6.7400000 02	2.1919585-01	8.4037389 00	8.6229347 00
6.7500000 02	2.9305041-01	7.3409883 00	7.6340387 00
6.7600000 02	4.5493969-01	5.9174815 00	6.3724211 00
6.7700000 02	8.8097346-01	3.8245312 00	4.7055047 00
6.7800000 02	2.9683942 00	1.7284860 00	4.6968802 00
6.7810000 02	3.7010698 00	2.2977649 00	5.9988347 00
6.7820000 02	4.8143375 00	3.7181704 00	8.5325079 00
6.7830000 02	6.5595087 00	6.6998463 00	1.3259355 01
6.7839999 02	9.3248774 00	1.2394061 01	2.1718938 01
6.7850000 02	1.3663219 01	2.2513602 01	3.6176821 01
6.7860000 02	2.0274530 01	3.9335662 01	5.9610192 01
6.7870000 02	2.9924156 01	6.5506614 01	9.5430770 01
6.7880000 02	4.3253833 01	1.0350831 02	1.4676214 02
6.7889999 02	6.0485919 01	1.5474482 02	2.1523074 02
6.7900000 02	8.1146294 01	2.1860061 02	2.9974690 02
6.7910000 02	1.0380608 02	2.9146917 02	3.9527525 02
6.7920000 02	1.2613378 02	3.6667521 02	4.9280899 02
6.7930000 02	1.4519069 02	4.3515011 02	5.8034080 02
6.7939999 02	1.5805859 02	4.8724542 02	6.4530401 02
6.7950000 02	1.6259783 02	5.1513169 02	6.7772951 02
6.7960000 02	1.5801639 02	5.1478791 02	6.7280430 02
6.7970000 02	1.4511195 02	4.8711138 02	6.3222333 02
6.7979999 02	1.2604463 02	4.3758055 02	5.6362518 02
6.7989999 02	1.0372252 02	3.7458589 02	4.7830841 02
6.8000000 02	8.1074564 01	3.0722426 02	3.8829881 02
6.8010000 02	6.0437167 01	2.4326424 02	3.0370141 02
6.8020000 02	4.3225918 01	1.8790363 02	2.3112955 02
6.8029999 02	2.9912729 01	1.4345241 02	1.7336514 02
6.8040000 02	2.0271755 01	1.0992525 02	1.3019701 02
6.8050000 02	1.3663289 01	8.5836832 01	9.9500120 01
6.8070002 02	6.5629460 00	5.7711789 01	6.4274735 01
6.8100000 02	2.9659289 00	4.0418977 01	4.3384906 01
6.8200000 02	8.7873131-01	2.5385464 01	2.6264196 01
6.8300000 02	4.5344788-01	2.0629384 01	2.1082832 01
6.8400000 02	2.9147459-01	1.8162092 01	1.8453566 01
6.8500000 02	2.1609960-01	1.6579343 01	1.6795443 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.8600000 02	1.8037401-01	1.5403994 01	1.5584368 01
6.8700000 02	1.6925961-01	1.4408747 01	1.4578706 01
6.8800000 02	1.8577649-01	1.3434641 01	1.3620417 01
6.8900000 02	2.5107706-01	1.2286731 01	1.2537808 01
6.9000000 02	4.9259177-01	1.0511377 01	1.1003969 01
6.9050002 02	1.0143102 00	9.0070628 00	1.0021373 01
6.9100000 02	6.7495563 00	9.9290136 00	1.6678570 01
6.9110000 02	1.0871844 01	1.2464322 01	2.3336166 01
6.9120000 02	1.7164775 01	1.7015942 01	3.4180717 01
6.9129999 02	2.6146579 01	2.4267652 01	5.0414231 01
6.9140000 02	3.8095843 01	3.4762568 01	7.2858411 01
6.9150000 02	5.2702493 01	4.8533176 01	1.0123567 02
6.9160000 02	6.8959262 01	6.4963508 01	1.3392277 02
6.9170000 02	8.5213285 01	8.2685734 01	1.6789902 02
6.9180000 02	9.9142301 01	9.9495849 01	1.9863815 02
6.9190000 02	1.0861396 02	1.1314629 02	2.2176025 02
6.9200000 02	1.1201213 02	1.2157963 02	2.3359176 02
6.9210000 02	1.0857947 02	1.2346541 02	2.3204488 02
6.9219999 02	9.9100209 01	1.1894881 02	2.1804902 02
6.9230000 02	8.5148510 01	1.0903343 02	1.9418194 02
6.9240000 02	6.8901250 01	9.5603000 01	1.6450425 02
6.9250000 02	5.2657374 01	8.0881855 01	1.3353923 02
6.9260000 02	3.8063676 01	6.6668363 01	1.0473204 02
6.9270000 02	2.6130221 01	5.4277406 01	8.0407626 01
6.9280000 02	1.7155872 01	4.4324241 01	6.1480113 01
6.9290001 02	1.0871970 01	3.6841020 01	4.7712990 01
6.9300000 02	6.7463651 00	3.1465774 01	3.8212140 01
6.9350002 02	1.0004043 00	2.1432972 01	2.2433377 01
6.9400000 02	4.7311464-01	1.8958936 01	1.9432050 01
6.9500000 02	2.2069582-01	1.6856146 01	1.7076841 01
6.9600000 02	1.4152378-01	1.5793270 01	1.5934794 01
6.9700000 02	1.0691589-01	1.5096906 01	1.5203821 01
6.9800000 02	9.0052758-02	1.4567838 01	1.4657890 01
6.9900000 02	8.2848842-02	1.4118939 01	1.4201788 01
7.0000000 02	8.3324257-02	1.3696926 01	1.3780250 01
7.0100000 02	9.3791963-02	1.3251193 01	1.3344985 01
7.0200000 02	1.2577082-01	1.2699728 01	1.2825499 01
7.0300000 02	2.3794623-01	1.1815996 01	1.2053942 01
7.0350001 02	4.9639137-01	1.1011896 01	1.1508287 01
7.0400000 02	3.9693176 00	1.0436730 01	1.4406047 01
7.0410000 02	6.5182940 00	1.0908305 01	1.7426599 01
7.0420000 02	1.0492085 01	1.1983081 01	2.2475166 01
7.0430000 02	1.6128754 01	1.3831358 01	2.9960112 01
7.0439999 02	2.3603069 01	1.6696613 01	4.0299682 01
7.0450000 02	3.2926027 01	2.0684336 01	5.3610363 01
7.0460000 02	4.2966741 01	2.5480503 01	6.8447244 01
7.0470000 02	5.3345484 01	3.1051925 01	8.4397409 01
7.0480000 02	6.2079916 01	3.6413080 01	9.8492995 01
7.0489999 02	6.7861484 01	4.1074636 01	1.0893612 02
7.0500000 02	7.0314525 01	4.4471065 01	1.1478559 02
7.0510000 02	6.7826228 01	4.5698052 01	1.1352428 02
7.0520000 02	6.2082035 01	4.5272495 01	1.0735453 02
7.0529999 02	5.3288869 01	4.2906265 01	9.6195133 01
7.0539999 02	4.2947773 01	3.9349056 01	8.2296829 01
7.0550000 02	3.2900806 01	3.5284891 01	6.8185698 01
7.0560000 02	2.3576754 01	3.1059282 01	5.4636036 01
7.0570000 02	1.6130334 01	2.7347660 01	4.3477994 01
7.0579999 02	1.0485166 01	2.4224733 01	3.4709899 01
7.0590000 02	6.5218768 00	2.1804467 01	2.8326344 01
7.0600000 02	3.9721777 00	2.0029612 01	2.4001790 01
7.0650001 02	4.9378885-01	1.6411606 01	1.6905395 01
7.0700000 02	2.3392726-01	1.5376741 01	1.5610668 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
7.080000 02	1.1991547-01	1.4422700 01	1.4542616 01
7.090000 02	8.5813011-02	1.3885113 01	1.3970926 01
7.100000 02	7.2836845-02	1.3487946 01	1.3560783 01
7.110000 02	6.9320510-02	1.3142512 01	1.3211833 01
7.120000 02	7.2745128-02	1.2801450 01	1.2874195 01
7.130000 02	8.4905506-02	1.2421582 01	1.2506488 01
7.140000 02	1.1437707-01	1.1936221 01	1.2050598 01
7.150000 02	1.9513752-01	1.1187344 01	1.1382482 01
7.160000 02	6.5767931-01	9.6005647 00	1.0258244 01
7.161000 02	8.7846314-01	9.3637199 00	1.0242183 01
7.162000 02	1.2621633 00	9.1513347 00	1.0413498 01
7.1629999 02	1.9439072 00	9.0286059 00	1.0972513 01
7.1639999 02	3.1289030 00	9.1065650 00	1.2235468 01
7.165000 02	5.1316184 00	9.5783795 00	1.4709998 01
7.166000 02	8.3500305 00	1.0705860 01	1.9055890 01
7.167000 02	1.3201045 01	1.2817278 01	2.6018323 01
7.1679999 02	2.0132441 01	1.6291734 01	3.6424175 01
7.169000 02	2.9152584 01	2.1307429 01	5.0460013 01
7.170000 02	4.0240682 01	2.8061171 01	6.8301852 01
7.171000 02	5.2367840 01	3.6070808 01	8.8438648 01
7.172000 02	6.4447733 01	4.4873836 01	1.0932157 02
7.1729999 02	7.4858099 01	5.3366690 01	1.2822479 02
7.174000 02	8.1705507 01	6.0363901 01	1.4206941 02
7.175000 02	8.4386360 01	6.5112140 01	1.4949850 02
7.176000 02	8.1676730 01	6.6540069 01	1.4821680 02
7.1769999 02	7.4835945 01	6.5083494 01	1.3991944 02
7.178000 02	6.4391266 01	6.0707514 01	1.2509878 02
7.179000 02	5.2337289 01	5.4616740 01	1.0695403 02
7.180000 02	4.0202298 01	4.7652332 01	8.7854629 01
7.181000 02	2.9134787 01	4.0737486 01	6.9872272 01
7.182000 02	2.0124247 01	3.4625683 01	5.4749929 01
7.183000 02	1.3197790 01	2.9552448 01	4.2750238 01
7.1839999 02	8.3545108 00	2.5682884 01	3.4037395 01
7.185000 02	5.1333660 00	2.2838753 01	2.7972119 01
7.186000 02	3.1339445 00	2.0850677 01	2.3984621 01
7.188000 02	1.2632906 00	1.8502000 01	1.9765291 01
7.190000 02	6.5597605-01	1.7299242 01	1.7955218 01
7.195000 02	2.9742293-01	1.5895621 01	1.6193044 01
7.200000 02	1.9146812-01	1.5155213 01	1.5346681 01
7.210000 02	1.0914317-01	1.4329868 01	1.4439011 01
7.220000 02	7.7486075-02	1.3842765 01	1.3920251 01
7.230000 02	6.2143466-02	1.3498172 01	1.3560315 01
7.240000 02	5.3783988-02	1.3226105 01	1.3279889 01
7.250000 02	4.8991505-02	1.2994638 01	1.3043629 01
7.260000 02	4.6280358-02	1.2786651 01	1.2832931 01
7.270000 02	4.4933673-02	1.2591818 01	1.2636751 01
7.280000 02	4.4588888-02	1.2403086 01	1.2447674 01
7.290000 02	4.5069599-02	1.2215159 01	1.2260228 01
7.300000 02	4.6311925-02	1.2023511 01	1.2069823 01
7.310000 02	4.8334029-02	1.1823925 01	1.1872259 01
7.320000 02	5.1227811-02	1.1611981 01	1.1663209 01
7.330000 02	5.5167647-02	1.1382703 01	1.1437871 01
7.340000 02	6.0436061-02	1.1130156 01	1.1190592 01
7.350000 02	6.7474494-02	1.0846737 01	1.0914211 01
7.360000 02	7.6975573-02	1.0522467 01	1.0599442 01
7.370000 02	9.0054912-02	1.0143577 01	1.0233632 01
7.380000 02	1.0858919-01	9.6903076 00	9.7988968 00
7.390000 02	1.3591946-01	9.1332687 00	9.2691882 00
7.400000 02	1.7846489-01	8.4264747 00	8.6049396 00
7.410000 02	2.4990242-01	7.4944059 00	7.7443083 00
7.420000 02	3.8394621-01	6.2067125 00	6.5906587 00
7.430000 02	6.8498836-01	4.3390628 00	5.0240511 00

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
7.4400000 02	1.6544286 00	1.7806811 00	3.4351097 00
7.4450002 02	3.5797618 00	2.2911390 00	5.8709008 00
7.4500000 02	1.5890810 01	3.5713064 01	5.1603874 01
7.4510000 02	2.2768089 01	5.8760953 01	8.1529043 01
7.4520000 02	3.2320223 01	9.2552807 01	1.2487303 02
7.4530000 02	4.4918150 01	1.3915155 02	1.8406970 02
7.4539999 02	6.0539680 01	1.9925697 02	2.5979665 02
7.4550000 02	7.8597752 01	2.7141516 02	3.5001291 02
7.4560000 02	9.7806424 01	3.5130967 02	4.4911609 02
7.4570000 02	1.1626396 02	4.3186531 02	5.4812926 02
7.4579999 02	1.3172806 02	5.0413721 02	6.3586527 02
7.4589999 02	1.4204690 02	5.5892309 02	7.0096998 02
7.4600000 02	1.4566102 02	5.8880419 02	7.3446521 02
7.4610000 02	1.4201081 02	5.8998152 02	7.3199232 02
7.4620000 02	1.3166812 02	5.6313041 02	6.9479852 02
7.4629999 02	1.1619159 02	5.1315757 02	6.2934916 02
7.4640000 02	9.7729996 01	4.4785149 02	5.4558149 02
7.4650000 02	7.8530758 01	3.7600483 02	4.5453559 02
7.4660000 02	6.0491241 01	3.0555420 02	3.6604543 02
7.4670000 02	4.4884778 01	2.4229297 02	2.8717775 02
7.4679999 02	3.2303896 01	1.8942722 02	2.2173112 02
7.4690000 02	2.2760568 01	1.4778727 02	1.7054784 02
7.4700000 02	1.5888421 01	1.1652343 02	1.3241185 02
7.4719999 02	7.9685641 00	7.7828841 01	8.5797406 01
7.4740000 02	4.4984501 00	5.8507665 01	6.3006115 01
7.4750000 02	3.5751556 00	5.2674043 01	5.6249198 01
7.4760000 02	2.9368480 00	4.8294878 01	5.1231726 01
7.4780000 02	2.1333012 00	4.2153876 01	4.4287177 01
7.4800000 02	1.6504317 00	3.7981809 01	3.9632240 01
7.4900000 02	6.8177639-01	2.7770468 01	2.8452244 01
7.5000000 02	3.8108301-01	2.3530001 01	2.3911084 01
7.5100000 02	2.4714631-01	2.1189261 01	2.1436407 01
7.5200000 02	1.7567926-01	1.9699615 01	1.9875294 01
7.5300000 02	1.3301488-01	1.8664630 01	1.8797645 01
7.5400000 02	1.0549612-01	1.7900863 01	1.8006359 01
7.5500000 02	8.6713654-02	1.7311855 01	1.7398569 01
7.5600000 02	7.3326647-02	1.6841955 01	1.6915282 01
7.5700000 02	6.3455629-02	1.6456832 01	1.6520288 01
7.5800000 02	5.5975299-02	1.6134078 01	1.6190054 01
7.5900000 02	5.0179911-02	1.5858568 01	1.5908748 01
7.6000000 02	4.5607448-02	1.5619581 01	1.5665188 01
7.6100000 02	4.1946339-02	1.5409361 01	1.5451307 01
7.6200000 02	3.8980373-02	1.5222153 01	1.5261134 01
7.6300000 02	3.6555962-02	1.5053530 01	1.5090086 01
7.6400000 02	3.4562208-02	1.4900056 01	1.4934618 01
7.6500000 02	3.2918211-02	1.4759050 01	1.4791968 01
7.6600000 02	3.1564399-02	1.4628242 01	1.4659807 01
7.6700000 02	3.0457566-02	1.4505829 01	1.4536287 01
7.6800000 02	2.9566988-02	1.4390212 01	1.4419779 01
7.6900000 02	2.8872883-02	1.4280011 01	1.4308884 01
7.7000000 02	2.8365275-02	1.4173958 01	1.4202323 01
7.7100000 02	2.8044771-02	1.4070812 01	1.4098856 01
7.7200000 02	2.7924782-02	1.3969359 01	1.3997284 01
7.7300000 02	2.8036358-02	1.3868189 01	1.3896225 01
7.7400000 02	2.8438272-02	1.3765695 01	1.3794133 01
7.7500000 02	2.9236781-02	1.3659738 01	1.3688975 01
7.7600000 02	3.0628054-02	1.3547345 01	1.3577973 01
7.7700000 02	3.2995136-02	1.3423789 01	1.3456784 01
7.7800000 02	3.7160653-02	1.3280915 01	1.3318076 01
7.7900000 02	4.5162293-02	1.3102619 01	1.3147781 01
7.8000000 02	6.3343302-02	1.2850590 01	1.2913934 01
7.8100000 02	1.2302939-01	1.2400601 01	1.2523630 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_n (barns)
7.8150002 02	2.9161477-01	1.1959568 01	1.2251183 01
7.8200000 02	2.7291513 00	1.1430647 01	1.4159798 01
7.8210000 02	4.4035927 00	1.1519956 01	1.5923548 01
7.8220000 02	6.7959318 00	1.1763850 01	1.8559781 01
7.8230000 02	1.0285499 01	1.2338788 01	2.2624287 01
7.8239999 02	1.4378325 01	1.3157103 01	2.7535428 01
7.8250000 02	1.9728435 01	1.4429199 01	3.4157634 01
7.8260000 02	2.5034173 01	1.6004794 01	4.1038967 01
7.8270000 02	3.0438289 01	1.7748175 01	4.8186464 01
7.8279999 02	3.5224565 01	1.9779105 01	5.5003670 01
7.8289999 02	3.7746662 01	2.1331343 01	5.9078005 01
7.8300000 02	3.9516021 01	2.2908236 01	6.2424257 01
7.8310000 02	3.7765360 01	2.3649372 01	6.1414732 01
7.8320000 02	3.5164093 01	2.3949215 01	5.9113307 01
7.8329999 02	3.0470139 01	2.3689716 01	5.4159855 01
7.8340000 02	2.4980002 01	2.2798016 01	4.7778018 01
7.8350000 02	1.9735440 01	2.1812939 01	4.1548378 01
7.8360000 02	1.4365709 01	2.0498926 01	3.4864635 01
7.8370000 02	1.0273409 01	1.9329760 01	2.9603169 01
7.8380000 02	6.8060613 00	1.8225558 01	2.5031619 01
7.8390000 02	4.3969667 00	1.7306198 01	2.1703165 01
7.8400000 02	2.7369309 00	1.6588737 01	1.9325668 01
7.8450001 02	2.9241031-01	1.4890277 01	1.5182687 01
7.8500000 02	1.2355224-01	1.4353572 01	1.4477124 01
7.8600000 02	6.4290838-02	1.3869510 01	1.3933801 01
7.8700000 02	4.6557095-02	1.3601228 01	1.3647785 01
7.8800000 02	3.9034237-02	1.3409061 01	1.3448095 01
7.8900000 02	3.5400951-02	1.3251380 01	1.3286780 01
7.9000000 02	3.3641706-02	1.3110685 01	1.3144327 01
7.9100000 02	3.2959287-02	1.2977928 01	1.3010887 01
7.9200000 02	3.3001967-02	1.2847572 01	1.2880574 01
7.9300000 02	3.3614199-02	1.2715661 01	1.2749275 01
7.9400000 02	3.4743343-02	1.2578961 01	1.2613704 01
7.9500000 02	3.6403536-02	1.2434381 01	1.2470784 01
7.9600000 02	3.8664632-02	1.2278659 01	1.2317323 01
7.9700000 02	4.1656459-02	1.2108033 01	1.2149689 01
7.9800000 02	4.5587114-02	1.1917867 01	1.1963454 01
7.9900000 02	5.0778562-02	1.1702171 01	1.1752949 01
8.0000000 02	5.7734325-02	1.1452908 01	1.1510642 01
8.0100000 02	6.7264089-02	1.1158808 01	1.1226072 01
8.0200000 02	8.0727300-02	1.0803464 01	1.0884192 01
8.0300000 02	1.0054476-01	1.0361945 01	1.0462489 01
8.0400000 02	1.3137333-01	9.7943134 00	9.9256868 00
8.0500000 02	1.8314305-01	9.0324215 00	9.2155645 00
8.0600000 02	2.8041789-01	7.9505817 00	8.2309996 00
8.0700000 02	4.9973141-01	6.2962380 00	6.7959694 00
8.0800000 02	1.2186934 00	3.6079818 00	4.8266752 00
8.0810000 02	1.3830814 00	3.2922838 00	4.6753651 00
8.0820000 02	1.5921297 00	3.0018993 00	4.5940289 00
8.0829999 02	1.8681522 00	2.7794553 00	4.6476075 00
8.0839999 02	2.2489163 00	2.7077075 00	4.9566238 00
8.0850000 02	2.7979571 00	2.9412381 00	5.7391952 00
8.0860000 02	3.6197041 00	3.7546485 00	7.3743526 00
8.0870000 02	4.8784703 00	5.6077546 00	1.0486225 01
8.0879999 02	6.8192262 00	9.2219228 00	1.6041149 01
8.0890000 02	9.7804019 00	1.5643560 01	2.5423962 01
8.0900000 02	1.4186668 01	2.6254553 01	4.0441221 01
8.0910000 02	2.0509649 01	4.2687139 01	6.3196788 01
8.0914999 02	2.4528125 01	5.3605926 01	7.8134051 01
8.0920000 02	2.9174377 01	6.6569316 01	9.5743692 01
8.0929999 02	4.0432775 01	9.9140315 01	1.3957309 02
8.0940000 02	5.4184629 01	1.4067071 02	1.9485534 02

Table I (Continued)

T = 0.0253 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_g(\text{barns})$	$\sigma_n(\text{barns})$
8.0950000 02	6.9849645 01	1.8997963 02	2.5982928 02
8.0960000 02	8.6307951 01	2.4412273 02	3.3043068 02
8.0969999 02	1.0195092 02	2.9839651 02	4.0034743 02
8.0980000 02	1.1495060 02	3.4704974 02	4.6200034 02
8.0990000 02	1.2357443 02	3.8419465 02	5.0776907 02
8.1000000 02	1.2658833 02	4.0511314 02	5.3170147 02
8.1010000 02	1.2354543 02	4.0729978 02	5.3084521 02
8.1020000 02	1.1490155 02	3.9104388 02	5.0594543 02
8.1030000 02	1.0189018 02	3.5925864 02	4.6114882 02
8.1039999 02	8.6242161 01	3.1676943 02	4.0301159 02
8.1050000 02	6.9795064 01	2.6915810 02	3.3895316 02
8.1060000 02	5.4141340 01	2.2162306 02	2.7576440 02
8.1070000 02	4.0405123 01	1.7815783 02	2.1856295 02
8.1080000 02	2.9161164 01	1.4115248 02	1.7031364 02
8.1089999 02	2.0503708 01	1.1147671 02	1.3198042 02
8.1100000 02	1.4185609 01	8.8826071 01	1.0301168 02
8.1110000 02	9.7822375 00	7.2201047 01	8.1983284 01
8.1120000 02	6.8212317 00	6.0313702 01	6.7134934 01
8.1130000 02	4.8794660 00	5.1924453 01	5.6803919 01
8.1139999 02	3.6197688 00	4.5991684 01	4.9611453 01
8.1150000 02	2.7969363 00	4.1720307 01	4.4517243 01
8.1200000 02	1.2162037 00	3.1283664 01	3.2499867 01
8.1300000 02	4.9769594-01	2.4152305 01	2.4650001 01
8.1400000 02	2.7865763-01	2.1144878 01	2.1423535 01
8.1500000 02	1.8150007-01	1.9464840 01	1.9646340 01
8.1600000 02	1.2975591-01	1.8386468 01	1.8516224 01
8.1700000 02	9.8900545-02	1.7632459 01	1.7731359 01
8.1800000 02	7.9016282-02	1.7073287 01	1.7152303 01
8.1900000 02	6.5454459-02	1.6640310 01	1.6705764 01
8.2000000 02	5.5796902-02	1.6293714 01	1.6349511 01
8.2100000 02	4.8683007-02	1.6008763 01	1.6057446 01
8.2200000 02	4.3299571-02	1.5769320 01	1.5812619 01
8.2300000 02	3.9136650-02	1.5564339 01	1.5603476 01
8.2400000 02	3.5861299-02	1.5386014 01	1.5421875 01
8.2500000 02	3.3249272-02	1.5228676 01	1.5261925 01
8.2600000 02	3.1145492-02	1.5088048 01	1.5119194 01
8.2700000 02	2.9440578-02	1.4960888 01	1.4990328 01
8.2800000 02	2.8056301-02	1.4844574 01	1.4872630 01
8.2900000 02	2.6936731-02	1.4737051 01	1.4763988 01
8.3000000 02	2.6042018-02	1.4636586 01	1.4662628 01
8.3100000 02	2.5345030-02	1.4541710 01	1.4567055 01
8.3200000 02	2.4829094-02	1.4451114 01	1.4475943 01
8.3300000 02	2.4487104-02	1.4363572 01	1.4388059 01
8.3400000 02	2.4321726-02	1.4277874 01	1.4302195 01
8.3500000 02	2.4347038-02	1.4192839 01	1.4217186 01
8.3600000 02	2.4591775-02	1.4107063 01	1.4131655 01
8.3700000 02	2.5105832-02	1.4018965 01	1.4044071 01
8.3800000 02	2.5971943-02	1.3926543 01	1.3952515 01
8.3900000 02	2.7327423-02	1.3827061 01	1.3854389 01
8.4000000 02	2.9407254-02	1.3716707 01	1.3746114 01
8.4100000 02	3.2633612-02	1.3589575 01	1.3622208 01
8.4200000 02	3.7823058-02	1.3436091 01	1.3473914 01
8.4300000 02	4.6723263-02	1.3239040 01	1.3285763 01
8.4400000 02	6.3669266-02	1.2963990 01	1.3027659 01
8.4500000 02	1.0223573-01	1.2528871 01	1.2631107 01
8.4600000 02	2.3168682-01	1.1670696 01	1.1902383 01
8.4700000 02	5.4669349 00	1.1153052 01	1.6619987 01
8.4710000 02	8.4366746 00	1.2163417 01	2.0600092 01
8.4720000 02	1.2662951 01	1.3898732 01	2.6561683 01
8.4730000 02	1.8315959 01	1.6574593 01	3.4890552 01
8.4739999 02	2.5183465 01	2.0188983 01	4.5372448 01
8.4750000 02	3.3073762 01	2.4713893 01	5.7787655 01

Table I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
8.4760000 02	4.1671526 01	3.0127065 01	7.1798591 01
8.4770000 02	4.9771321 01	3.5866938 01	8.5638259 01
8.4780000 02	5.6239917 01	4.1166550 01	9.7406467 01
8.4789999 02	6.0799176 01	4.5760154 01	1.0655933 02
8.4800000 02	6.2617845 01	4.9139965 01	1.1175781 02
8.4810000 02	6.0818831 01	5.0495458 01	1.1131429 02
8.4820000 02	5.6205503 01	4.9944567 01	1.0615007 02
8.4830000 02	4.9723594 01	4.7966267 01	9.7689861 01
8.4839999 02	4.1659530 01	4.4633741 01	8.6293271 01
8.4850000 02	3.3055645 01	4.0398988 01	7.3454633 01
8.4860000 02	2.5154223 01	3.6058363 01	6.1212586 01
8.4870000 02	1.8306351 01	3.1973102 01	5.0279453 01
8.4879999 02	1.2666266 01	2.8315051 01	4.0981317 01
8.4889999 02	8.4349104 00	2.5305751 01	3.3740662 01
8.4900000 02	5.4666979 00	2.2983402 01	2.8450099 01
8.5000000 02	2.3089912-01	1.6593934 01	1.6824833 01
8.5100000 02	1.0131160-01	1.5593809 01	1.5695120 01
8.5200000 02	6.2594538-02	1.5120108 01	1.5182703 01
8.5300000 02	4.5471281-02	1.4832063 01	1.4877534 01
8.5400000 02	3.6378838-02	1.4632436 01	1.4668815 01
8.5500000 02	3.0988853-02	1.4481909 01	1.4512898 01
8.5600000 02	2.7557520-02	1.4361342 01	1.4388900 01
8.5700000 02	2.5272553-02	1.4260217 01	1.4285490 01
8.5800000 02	2.3716581-02	1.4172157 01	1.4195873 01
8.5900000 02	2.2661909-02	1.4092956 01	1.4115618 01
8.6000000 02	2.1982358-02	1.4019686 01	1.4041668 01
8.6100000 02	2.1613109-02	1.3950021 01	1.3971634 01
8.6200000 02	2.1533759-02	1.3881942 01	1.3903476 01
8.6300000 02	2.1765685-02	1.3813445 01	1.3835211 01
8.6400000 02	2.2383458-02	1.3742275 01	1.3764659 01
8.6500000 02	2.3548910-02	1.3665364 01	1.3688913 01
8.6600000 02	2.5596706-02	1.3578166 01	1.3603763 01
8.6700000 02	2.9261254-02	1.3472797 01	1.3502058 01
8.6800000 02	3.6382398-02	1.3333737 01	1.3370119 01
8.6900000 02	5.2749479-02	1.3123864 01	1.3176614 01
8.7000000 02	1.0859363-01	1.2720612 01	1.2829206 01
8.7050002 02	3.0808900-01	1.2309236 01	1.2617325 01
8.7100000 02	2.9275299 00	1.1888822 01	1.4816352 01
8.7110000 02	4.6070251 00	1.2005250 01	1.6612275 01
8.7120000 02	6.9502565 00	1.2314135 01	1.9264391 01
8.7129999 02	9.8553815 00	1.2815857 01	2.2671239 01
8.7140000 02	1.3441465 01	1.3548425 01	2.6989890 01
8.7150000 02	1.7886913 01	1.4642421 01	3.2529334 01
8.7160000 02	2.2596405 01	1.6076350 01	3.8672755 01
8.7170000 02	2.6554474 01	1.7565709 01	4.4120183 01
8.7179999 02	2.9752075 01	1.8985571 01	4.8737646 01
8.7190000 02	3.2464589 01	2.0453174 01	5.2917763 01
8.7200000 02	3.3717713 01	2.1795727 01	5.5513440 01
8.7210000 02	3.2520806 01	2.2561493 01	5.5082299 01
8.7219999 02	2.9747688 01	2.2721959 01	5.2469647 01
8.7230000 02	2.6486829 01	2.2582237 01	4.9069065 01
8.7240000 02	2.2571707 01	2.2170685 01	4.4742392 01
8.7250000 02	1.7911376 01	2.1361369 01	3.9272745 01
8.7260000 02	1.3443800 01	2.0322082 01	3.3765882 01
8.7270000 02	9.8286176 00	1.9322499 01	2.9151116 01
8.7280000 02	6.9411497 00	1.8429450 01	2.5370599 01
8.7289999 02	4.6182983 00	1.7620248 01	2.2238546 01
8.7300000 02	2.9333910 00	1.6931482 01	1.9864873 01
8.7350002 02	3.0849889-01	1.5264346 01	1.5572845 01
8.7400000 02	1.0838829-01	1.4744623 01	1.4853011 01
8.7500000 02	5.2540887-02	1.4314910 01	1.4367451 01
8.7600000 02	3.6173806-02	1.4097670 01	1.4133844 01

Table I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
8.7700000 02	2.9046427-02	1.3955777 01	1.3984823 01
8.7800000 02	2.5375371-02	1.3849330 01	1.3874706 01
8.7900000 02	2.3325269-02	1.3761837 01	1.3785162 01
8.8000000 02	2.2165299-02	1.3685069 01	1.3707234 01
8.8100000 02	2.1564754-02	1.3614216 01	1.3635781 01
8.8200000 02	2.1366726-02	1.3546062 01	1.3567429 01
8.8300000 02	2.1503337-02	1.3478186 01	1.3499690 01
8.8400000 02	2.1962592-02	1.3408430 01	1.3430393 01
8.8500000 02	2.2778647-02	1.3334544 01	1.3357322 01
8.8600000 02	2.4037395-02	1.3253940 01	1.3277978 01
8.8700000 02	2.5898681-02	1.3163283 01	1.3189182 01
8.8800000 02	2.8646566-02	1.3057813 01	1.3086459 01
8.8900000 02	3.2798873-02	1.2930374 01	1.2963172 01
8.9000000 02	3.9362036-02	1.2769154 01	1.2808516 01
8.9100000 02	5.0496445-02	1.2553107 01	1.2603604 01
8.9200000 02	7.1574161-02	1.2240006 01	1.2311580 01
8.9300000 02	1.1949634-01	1.1729593 01	1.1849089 01
8.9400000 02	2.8300697-01	1.0703878 01	1.0986885 01
8.9450001 02	8.1724108-01	9.7683919 00	1.0585633 01
8.9500000 02	6.7419491 00	1.1155102 01	1.7897051 01
8.9510000 02	1.0191320 01	1.2916360 01	2.3107680 01
8.9520000 02	1.4910627 01	1.5661681 01	3.0572308 01
8.9530000 02	2.1043425 01	1.9605694 01	4.0649119 01
8.9539999 02	2.8546883 01	2.4864398 01	5.3411281 01
8.9550000 02	3.7032552 01	3.1310904 01	6.8343457 01
8.9560000 02	4.5792647 01	3.8532274 01	8.4324921 01
8.9570000 02	5.4002101 01	4.5950211 01	9.9952312 01
8.9580000 02	6.0857755 01	5.2946444 01	1.1380420 02
8.9589999 02	6.5521736 01	5.8820693 01	1.2434243 02
8.9600000 02	6.7200026 01	6.2806134 01	1.3000616 02
8.9610000 02	6.5527058 01	6.4341391 01	1.2986845 02
8.9620000 02	6.0845448 01	6.3380072 01	1.2422552 02
8.9629999 02	5.3964192 01	6.0321477 01	1.1428567 02
8.9639999 02	4.5750382 01	5.5714887 01	1.0146527 02
8.9650000 02	3.7007553 01	5.0123904 01	8.7131457 01
8.9660000 02	2.8538209 01	4.4163821 01	7.2702031 01
8.9670000 02	2.1038259 01	3.8445899 01	5.9484157 01
8.9679999 02	1.4903871 01	3.3413294 01	4.8317164 01
8.9690000 02	1.0188370 01	2.9254082 01	3.9442452 01
8.9700000 02	6.7436262 00	2.5970713 01	3.2714339 01
8.9750001 02	8.1788971-01	1.8701137 01	1.9519026 01
8.9800000 02	2.8238040-01	1.6971112 01	1.7253492 01
8.9900000 02	1.1880128-01	1.5707893 01	1.5826694 01
9.0000000 02	7.0820388-02	1.5129935 01	1.5200756 01
9.0100000 02	4.9648331-02	1.4789385 01	1.4839033 01
9.0200000 02	3.8391676-02	1.4561336 01	1.4599728 01
9.0300000 02	3.1681436-02	1.4395781 01	1.4427463 01
9.0400000 02	2.7355803-02	1.4268593 01	1.4295949 01
9.0500000 02	2.4403950-02	1.4166711 01	1.4191115 01
9.0600000 02	2.2300408-02	1.4082350 01	1.4104650 01
9.0700000 02	2.0749869-02	1.4010642 01	1.4031392 01
9.0800000 02	1.9575889-02	1.3948350 01	1.3967926 01
9.0900000 02	1.8667767-02	1.3893235 01	1.3911903 01
9.1000000 02	1.7953150-02	1.3843716 01	1.3861669 01
9.1100000 02	1.7383207-02	1.3798597 01	1.3815980 01
9.1200000 02	1.6924036-02	1.3756996 01	1.3773920 01
9.1300000 02	1.6551573-02	1.3718237 01	1.3734788 01
9.1400000 02	1.6248378-02	1.3681779 01	1.3698028 01
9.1500000 02	1.6001641-02	1.3647170 01	1.3663172 01
9.1600000 02	1.5801848-02	1.3614081 01	1.3629882 01
9.1700000 02	1.5641877-02	1.3582197 01	1.3597839 01
9.1800000 02	1.5516412-02	1.3551268 01	1.3566784 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
9.1900000 02	1.5421503-02	1.3521070 01	1.3536492 01
9.2000000 02	1.5354293-02	1.3491386 01	1.3506740 01
9.2100000 02	1.5312825-02	1.3462066 01	1.3477379 01
9.2200000 02	1.5295880-02	1.3432906 01	1.3448201 01
9.2300000 02	1.5302933-02	1.3403762 01	1.3419065 01
9.2400000 02	1.5334080-02	1.3374448 01	1.3389782 01
9.2500000 02	1.5390077-02	1.3344835 01	1.3360225 01
9.2600000 02	1.5472321-02	1.3314712 01	1.3330184 01
9.2700000 02	1.5582980-02	1.3283909 01	1.3299492 01
9.2800000 02	1.5725088-02	1.3252248 01	1.3267973 01
9.2900000 02	1.5902723-02	1.3219465 01	1.3235368 01
9.3000000 02	1.6121297-02	1.3185337 01	1.3201458 01
9.3100000 02	1.6387907-02	1.3149547 01	1.3165934 01
9.3200000 02	1.6711899-02	1.3111749 01	1.3128461 01
9.3300000 02	1.7105619-02	1.3071526 01	1.3088631 01
9.3400000 02	1.7585575-02	1.3028346 01	1.3045931 01
9.3500000 02	1.8174071-02	1.2981591 01	1.2999765 01
9.3600000 02	1.8901891-02	1.2930445 01	1.2949347 01
9.3700000 02	1.9812180-02	1.2873847 01	1.2893659 01
9.3800000 02	2.0967074-02	1.2810391 01	1.2831358 01
9.3900000 02	2.2458386-02	1.2738215 01	1.2760673 01
9.4000000 02	2.4426773-02	1.2654684 01	1.2679111 01
9.4100000 02	2.7096101-02	1.2556065 01	1.2583161 01
9.4200000 02	3.0841007-02	1.2436694 01	1.2467535 01
9.4300000 02	3.6328144-02	1.2287832 01	1.2324160 01
9.4400000 02	4.4840866-02	1.2094824 01	1.2139665 01
9.4500000 02	5.9125934-02	1.1831435 01	1.1890561 01
9.4600000 02	8.6019694-02	1.1445088 01	1.1531107 01
9.4700000 02	1.4713825-01	1.0811707 01	1.0958845 01
9.4800000 02	3.5994983-01	9.5470843 00	9.9070342 00
9.4850002 02	1.0913902 00	8.5374228 00	9.6288129 00
9.4900000 02	8.2879614 00	1.1908605 01	2.0196566 01
9.4910000 02	1.2225230 01	1.4870286 01	2.7095516 01
9.4920000 02	1.7487324 01	1.9234384 01	3.6721708 01
9.4930000 02	2.4132472 01	2.5192495 01	4.9324967 01
9.4940000 02	3.2032633 01	3.2775397 01	6.4808029 01
9.4950000 02	4.0812458 01	4.1768235 01	8.2580692 01
9.4960000 02	4.9848187 01	5.1681423 01	1.0152961 02
9.4969999 02	5.8300780 01	6.1744350 01	1.2004513 02
9.4980000 02	6.5242716 01	7.1005493 01	1.3624821 02
9.4990000 02	6.9818496 01	7.8479483 01	1.4829798 02
9.5000000 02	7.1415811 01	8.3325758 01	1.5474157 02
9.5010000 02	6.9811374 01	8.5028886 01	1.5484026 02
9.5020000 02	6.5225698 01	8.3510461 01	1.4873616 02
9.5030000 02	5.8277396 01	7.9138584 01	1.3741598 02
9.5039999 02	4.9819709 01	7.2603651 01	1.2242336 02
9.5050000 02	4.0785458 01	6.4779702 01	1.0556516 02
9.5060000 02	3.2008314 01	5.6539809 01	8.8548123 01
9.5070000 02	2.41115933 01	4.8622059 01	7.2737991 01
9.5080000 02	1.7477195 01	4.1542765 01	5.9019960 01
9.5089999 02	1.2222800 01	3.5586299 01	4.7809099 01
9.5100000 02	8.2890083 00	3.0824025 01	3.9113033 01
9.5150002 02	1.0926972 00	2.0084349 01	2.1177046 01
9.5200000 02	3.5986107-01	1.7624678 01	1.7984539 01
9.5300000 02	1.4725334-01	1.5939378 01	1.6086632 01
9.5400000 02	8.6411536-02	1.5181864 01	1.5268275 01
9.5500000 02	5.9778088-02	1.4737095 01	1.4796873 01
9.5600000 02	4.5758379-02	1.4438424 01	1.44484182 01
9.5700000 02	3.7533475-02	1.4219691 01	1.4257224 01
9.5800000 02	3.2373294-02	1.4048968 01	1.4081341 01
9.5900000 02	2.9014621-02	1.3908765 01	1.3937780 01
9.6000000 02	2.6819045-02	1.3788458 01	1.3815277 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
9.610000 02	2.5455106-02	1.3680939 01	1.3706394 01
9.620000 02	2.4769327-02	1.3580858 01	1.3605628 01
9.630000 02	2.4745003-02	1.3483576 01	1.3508321 01
9.640000 02	2.5527063-02	1.3384038 01	1.3409565 01
9.650000 02	2.7558478-02	1.3275423 01	1.3302982 01
9.660000 02	3.2051083-02	1.3145712 01	1.3177763 01
9.670000 02	4.2947041-02	1.2967693 01	1.3010640 01
9.680000 02	8.2897277-02	1.2651274 01	1.2734171 01
9.6830002 02	1.4092171-01	1.2488658 01	1.2629579 01
9.6850001 02	2.7003885-01	1.2340330 01	1.2610369 01
9.6870002 02	6.4124164-01	1.2169155 01	1.2810397 01
9.6880002 02	1.0173754 00	1.2087625 01	1.3105000 01
9.6890001 02	1.6026088 00	1.2024459 01	1.3627068 01
9.6900000 02	2.4728756 00	1.2000931 01	1.4473806 01
9.6910000 02	3.6747699 00	1.2036366 01	1.5711136 01
9.6920000 02	5.2789811 00	1.2158539 01	1.7437520 01
9.6930000 02	7.3158497 00	1.2395614 01	1.9711464 01
9.6939999 02	9.7674897 00	1.2773239 01	2.2540728 01
9.6950000 02	1.2548242 01	1.3306705 01	2.5854947 01
9.6960000 02	1.5477373 01	1.3993199 01	2.9470572 01
9.6970000 02	1.8296022 01	1.4805266 01	3.3101288 01
9.6980000 02	2.0670150 01	1.5683114 01	3.6353264 01
9.6989999 02	2.2272342 01	1.6544106 01	3.8816448 01
9.7000000 02	2.2847812 01	1.7292174 01	4.0139986 01
9.7010000 02	2.2301057 01	1.7845110 01	4.0146167 01
9.7020000 02	2.0717925 01	1.8150571 01	3.8868496 01
9.7029999 02	1.8348505 01	1.8200523 01	3.6549028 01
9.7039999 02	1.5522965 01	1.8025870 01	3.3548835 01
9.7050000 02	1.2572687 01	1.7682645 01	3.0255332 01
9.7060000 02	9.7760714 00	1.7237962 01	2.7014034 01
9.7070000 02	7.3098013 00	1.6751302 01	2.4061104 01
9.7079999 02	5.2662164 00	1.6270733 01	2.1536949 01
9.7090000 02	3.6615423 00	1.5828175 01	1.9489717 01
9.7100000 02	2.4627512 00	1.5441232 01	1.7903983 01
9.7110001 02	1.6033805 00	1.5126173 01	1.6729553 01
9.7130002 02	6.4222841-01	1.4644183 01	1.5286411 01
9.7150001 02	2.7065595-01	1.4342690 01	1.4613346 01
9.7170002 02	1.4115252-01	1.4148818 01	1.4289971 01
9.7200000 02	8.2986016-02	1.3953405 01	1.4036391 01
9.7300000 02	4.3089703-02	1.3621790 01	1.3664879 01
9.7400000 02	3.2268959-02	1.3438372 01	1.3470641 01
9.7500000 02	2.7833060-02	1.3305235 01	1.3333068 01
9.7600000 02	2.5835910-02	1.3193873 01	1.3219709 01
9.7700000 02	2.5056372-02	1.3092088 01	1.3117145 01
9.7800000 02	2.5035764-02	1.2993213 01	1.3018249 01
9.7900000 02	2.5603113-02	1.2892694 01	1.2918297 01
9.8000000 02	2.6731912-02	1.2786673 01	1.2813405 01
9.8100000 02	2.8501777-02	1.2671163 01	1.2699664 01
9.8200000 02	3.1113194-02	1.2541348 01	1.2572461 01
9.8300000 02	3.4959279-02	1.2390527 01	1.2425486 01
9.8400000 02	4.0810280-02	1.2208531 01	1.2249341 01
9.8500000 02	5.0304095-02	1.1977979 01	1.2028283 01
9.8600000 02	6.7471691-02	1.1665281 01	1.1732752 01
9.8700000 02	1.0495914-01	1.1192472 01	1.1297431 01
9.8800000 02	2.3435872-01	1.0312249 01	1.0546608 01
9.8850002 02	7.5906702-01	9.5631880 00	1.0322255 01
9.8900000 02	6.1112439 00	1.0509693 01	1.6620937 01
9.8910000 02	8.9955082 00	1.1670357 01	2.0665865 01
9.8920000 02	1.2821393 01	1.3440461 01	2.6261854 01
9.8929999 02	1.7624385 01	1.5915135 01	3.3539520 01
9.8940000 02	2.3297298 01	1.9118423 01	4.2415721 01
9.8950000 02	2.9570470 01	2.2977385 01	5.2547855 01

TABLE I (Continued)

T = 0.0253 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
9.8960000 02	3.5984855 01	2.7289319 01	6.3274174 01
9.8969999 02	4.1952195 01	3.1737458 01	7.3689653 01
9.8980000 02	4.6829752 01	3.5921457 01	8.2751209 01
9.8990000 02	5.0031144 01	3.9418218 01	8.9449362 01
9.9000000 02	5.1147695 01	4.1859486 01	9.3007181 01
9.9010000 02	5.0032131 01	4.3002470 01	9.3034602 01
9.9019999 02	4.6831356 01	4.2774109 01	8.9605465 01
9.9030000 02	4.1958416 01	4.1285027 01	8.3243444 01
9.9039999 02	3.5993810 01	3.8790603 01	7.4784413 01
9.9050000 02	2.9580802 01	3.5637933 01	6.5218736 01
9.9060000 02	2.3311728 01	3.2197656 01	5.5509394 01
9.9070000 02	1.7639806 01	2.8796882 01	4.6436688 01
9.9080000 02	1.2839308 01	2.5679401 01	3.8518709 01
9.9089999 02	9.0141970 00	2.2991379 01	3.2005576 01
9.9100000 02	6.1305909 00	2.0788170 01	2.6918761 01
9.9150002 02	7.8357801-01	1.5457965 01	1.6241543 01
9.9200000 02	2.6738489-01	1.3995969 01	1.4263354 01
9.9300000 02	1.6459814-01	1.2670734 01	1.2835332 01
9.9400000 02	1.7389423-01	1.1638886 01	1.1812780 01
9.9500000 02	2.5991835-01	1.0379424 01	1.0639342 01
9.9600000 02	6.1060613-01	8.2552201 00	8.8658262 00
9.9700000 02	1.1273479 01	1.7144696 01	2.8418175 01
9.9710000 02	1.6093544 01	2.3958487 01	4.0052031 01
9.9719999 02	2.2365129 01	3.3466772 01	5.5831901 01
9.9730000 02	3.0110863 01	4.5922841 01	7.6033704 01
9.974. 00 02	3.9132487 01	6.1230053 01	1.0036254 02
9.9750000 02	4.8984465 01	7.8855505 01	1.2783997 02
9.9760000 02	5.8961986 01	9.7763694 01	1.5672568 02
9.9770000 02	6.8166653 01	1.1647828 02	1.8464493 02
9.9780000 02	7.5642161 01	1.3328068 02	2.0892284 02
9.9789999 02	8.0525675 01	1.4645840 02	2.2698407 02
9.9800000 02	8.2219818 01	1.5462810 02	2.3684792 02
9.9810000 02	8.0511003 01	1.5698443 02	2.3749543 02
9.9820000 02	7.5614608 01	1.5345826 02	2.2907287 02
9.9830000 02	6.8130991 01	1.4471013 02	2.1284112 02
9.9839999 02	5.8922021 01	1.3197486 02	1.9089688 02
9.9850000 02	4.8948792 01	1.1680839 02	1.6575718 02
9.9860000 02	3.9105053 01	1.0079676 02	1.3990182 02
9.9870000 02	3.0086723 01	8.5296458 01	1.1538318 02
9.9880000 02	2.2350804 01	7.1316023 01	9.3666827 01
9.9889999 02	1.6084566 01	5.9416053 01	7.5500619 01
9.9900000 02	1.1267416 01	4.9775909 01	6.1043324 01

TABLE II

Th²³² CROSS SECTIONSTh²³² Temperature = 0.05 ev

Neutron Energy, E _n (ev)	Radiative Capture Cross Section, σ _γ (barns)	Scattering Cross Section, σ _S (barns)	Total Cross Section, σ _T (barns)
2.5300000-02	7.5597918 00	1.2270856 01	1.9830647 01
3.0000005-02	6.9366986 00	1.2261671 01	1.9198370 01
5.0000005-02	5.3544750 00	1.2239795 01	1.7594270 01
1.0000001-01	3.7536858 00	1.2215915 01	1.5969601 01
2.5000000-01	2.3150039 00	1.2176702 01	1.4491711 01
5.0000001-01	1.5731048 00	1.2124336 01	1.3697441 01
1.0000001 00	1.0350106 00	1.2031647 01	1.3066657 01
2.0000001 00	6.5017008-01	1.1873894 01	1.2524064 01
5.0000000 00	3.3381732-01	1.1523503 01	1.1857321 01
7.5000000 00	2.5632707-01	1.1295862 01	1.1552189 01
1.0000001 01	2.2558461-01	1.1080772 01	1.1306357 01
1.1000001 01	2.2134044-01	1.0990879 01	1.1212220 01
1.2000001 01	2.2134407-01	1.0895233 01	1.1116577 01
1.3000001 01	2.2607486-01	1.0790712 01	1.1016787 01
1.4000001 01	2.3671163-01	1.0673102 01	1.0909814 01
1.5000001 01	2.5557606-01	1.0536284 01	1.0791860 01
1.6000001 01	2.8715861-01	1.0370766 01	1.0657925 01
1.7000001 01	3.4065014-01	1.0160533 01	1.0501183 01
1.8000001 01	4.3712634-01	9.8758726 00	1.0312999 01
1.9000001 01	6.3492626-01	9.4530248 00	1.0087951 01
2.0000001 01	1.1599391 00	8.7194311 00	9.8793701 00
2.1000001 01	3.9374637 00	6.9068522 00	1.0844316 01
2.1200001 01	6.2420758 00	6.0931092 00	1.2335185 01
2.1400001 01	1.2278124 01	4.7944659 00	1.7072590 01
2.1500001 01	2.0921784 01	3.8357470 00	2.4757531 01
2.1550001 01	3.1502065 01	3.3821948 00	3.4884260 01
2.1600001 01	5.6830928 01	3.4693490 00	6.0300276 01
2.1650001 01	1.2162040 02	5.6647596 00	1.2728516 02
2.1700001 01	2.7218785 02	1.3415802 01	2.8560365 02
2.1750001 01	5.5639195 02	3.1242302 01	5.8763425 02
2.1800001 01	9.5854482 02	6.0269783 01	1.0188146 03
2.1850001 01	1.3405688 03	9.2639602 01	1.4332084 03
2.1900001 01	1.4988804 03	1.1318701 02	1.6120674 03
2.1950001 01	1.3350187 03	1.1116679 02	1.4461855 03
2.2000001 01	9.5216424 02	8.9979561 01	1.0421438 03
2.2050001 01	5.5300461 02	6.2936402 01	6.1594101 02
2.2100001 01	2.7132772 02	4.1225952 01	3.1305367 02
2.2150001 01	1.2257704 02	2.8005720 01	1.5058276 02
2.2200001 01	5.8014217 01	2.1122555 01	7.9136772 01
2.2250001 01	3.2708649 01	1.7609925 01	5.0318574 01
2.2300001 01	2.2258661 01	1.5608586 01	3.7867247 01
2.2350001 01	1.7120360 01	1.4276631 01	3.1396991 01
2.2400001 01	1.4125396 01	1.3278321 01	2.7403717 01
2.2450000 01	1.2206889 01	1.2472430 01	2.4679319 01
2.2500001 01	1.0936787 01	1.1788770 01	2.2725557 01
2.2600001 01	9.5991800 00	1.0638343 01	2.0237523 01
2.2700001 01	9.3299868 00	9.6342662 00	1.8964253 01
2.2800001 01	9.9288053 00	8.6689388 00	1.8597744 01
2.2900001 01	1.1516850 01	7.6623399 00	1.9179190 01
2.3000001 01	1.4612931 01	6.5379349 00	2.1150866 01
2.3050001 01	1.7107007 01	5.9063311 00	2.3013338 01
2.3100001 01	2.0681032 01	5.2177949 00	2.5898827 01
2.3150001 01	2.6126100 01	4.4831090 00	3.0609209 01
2.3200001 01	3.5458208 01	3.8009081 00	3.9259116 01
2.3250001 01	5.4567890 01	3.6309901 00	5.8198880 01
2.3300001 01	1.0014335 02	5.6079798 00	1.0575133 02
2.3350001 01	2.1125979 02	1.4122712 01	2.2538250 02
2.3400001 01	4.5319985 02	3.7466412 01	4.9066626 02
2.3450001 01	8.8242164 02	8.4661377 01	9.6709302 02
2.3500001 01	1.4603413 03	1.5515069 02	1.6154920 03
2.3550001 01	1.9909345 03	2.2873879 02	2.2196733 03
2.3600001 01	2.2069812 03	2.7206821 02	2.4790494 03

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.3650001 01	1.9829023 03	2.6359310 02	2.2464954 03
2.3700001 01	1.4504184 03	2.1209390 02	1.6625123 03
2.3750001 01	8.7597304 02	1.4707435 02	1.0230474 03
2.3800001 01	4.5075769 02	9.3878651 01	5.4463634 02
2.3850001 01	2.1064669 02	6.0640348 01	2.7128704 02
2.3900001 01	9.9649887 01	4.3114472 01	1.4276436 02
2.3950001 01	5.3702067 01	3.4382697 01	8.8084764 01
2.4000001 01	3.4284231 01	2.9727260 01	6.4011491 01
2.4100001 01	1.9153412 01	2.4893234 01	4.4046646 01
2.4200001 01	1.2749905 01	2.2235059 01	3.4984964 01
2.4300001 01	9.2104695 00	2.0495786 01	2.9706256 01
2.4400001 01	7.0114404 00	1.9256774 01	2.6268214 01
2.4500001 01	5.5412757 00	1.8324565 01	2.3865840 01
2.4600001 01	4.5054964 00	1.7595265 01	2.2100762 01
2.4700001 01	3.7461083 00	1.7007617 01	2.0753725 01
2.4800001 01	3.1715600 00	1.6523007 01	1.9694567 01
2.4900001 01	2.7256082 00	1.6115827 01	1.8841435 01
2.5000001 01	2.3720523 00	1.5768390 01	1.8140442 01
2.5500001 01	1.3567832 00	1.4583341 01	1.5940124 01
2.6000001 01	8.9961803-01	1.3885803 01	1.4785421 01
2.6500001 01	6.5311615-01	1.3420255 01	1.4073371 01
2.7000001 01	5.0438182-01	1.3084175 01	1.3588557 01
2.8000001 01	3.4061430-01	1.2624975 01	1.2965589 01
2.9000001 01	2.5671721-01	1.2319665 01	1.2576382 01
3.0000001 01	2.0790241-01	1.2096980 01	1.2304882 01
3.5000001 01	1.2309592-01	1.1462966 01	1.1586062 01
4.0000001 01	1.0513452-01	1.1070191 01	1.1175325 01
4.5000001 01	1.0525352-01	1.0695474 01	1.0800727 01
5.0000001 01	1.2193564-01	1.0220963 01	1.0342899 01
5.0500001 01	1.2513453-01	1.0161373 01	1.0286508 01
5.1000001 01	1.2878208-01	1.0098334 01	1.0227116 01
5.1500001 01	1.3295926-01	1.0031344 01	1.0164304 01
5.2000001 01	1.3777099-01	9.9598021 00	1.0097573 01
5.3000001 01	1.4990027-01	9.7998866 00	9.9497868 00
5.4000001 01	1.6701315-01	9.6098859 00	9.7768989 00
5.5000001 01	1.9294548-01	9.3746498 00	9.5675952 00
5.5500001 01	2.1172119-01	9.2317500 00	9.4434712 00
5.6000001 01	2.3715132-01	9.0641816 00	9.3013329 00
5.6500001 01	2.7355677-01	8.8616872 00	9.1352439 00
5.7000001 01	3.2978130-01	8.6065049 00	8.9362861 00
5.7500001 01	4.2654477-01	8.2648308 00	8.6913755 00
5.8000001 01	6.2306982-01	7.7622870 00	8.3853568 00
5.8500001 01	1.1568917 00	6.8946544 00	8.0515460 00
5.8520001 01	1.1960207 00	6.8455253 00	8.0415460 00
5.8540001 01	1.2376133 00	6.7947421 00	8.0323554 00
5.8560001 01	1.2818917 00	6.7422134 00	8.0241051 00
5.8580001 01	1.3291085 00	6.6878350 00	8.0169435 00
5.8600001 01	1.3795367 00	6.6315127 00	8.0110494 00
5.8620001 01	1.4334954 00	6.5731203 00	8.0066157 00
5.8640001 01	1.4913453 00	6.5125411 00	8.0038864 00
5.8660001 01	1.5535014 00	6.4496299 00	8.0031313 00
5.8680001 01	1.6204294 00	6.3842572 00	8.0046866 00
5.8700001 01	1.6927037 00	6.3162678 00	8.0089715 00
5.8720001 01	1.7709666 00	6.2454874 00	8.0164540 00
5.8740001 01	1.8559578 00	6.1717511 00	8.0277089 00
5.8760000 01	1.9486192 00	6.0948655 00	8.0434847 00
5.8780001 01	2.0500993 00	6.0146524 00	8.0647517 00
5.8800000 01	2.1618510 00	5.9309181 00	8.0927691 00
5.8820001 01	2.2857172 00	5.8435075 00	8.1292247 00
5.8840001 01	2.4241072 00	5.7523098 00	8.1764170 00
5.8860001 01	2.5802912 00	5.6572748 00	8.2375660 00
5.8880001 01	2.7588089 00	5.5585163 00	8.3173252 00

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_y (barns)	σ_S (barns)	σ_T (barns)
5.8900001 01	2.9658886 00	5.4564000 00	8.4222886 00
5.8920001 04	3.2101380 00	5.3515990 00	8.5617370 00
5.8940001 01	3.5035691 00	5.2453834 00	8.7489524 00
5.8960001 01	3.8636031 00	5.1399900 00	9.0035931 00
5.8980001 01	4.3150297 00	5.0389544 00	9.3539840 00
5.9000001 01	4.8907739 00	4.9473405 00	9.8381145 00
5.9020001 01	5.6347763 00	4.8724206 00	1.0507197 01
5.9040001 01	6.6099563 00	4.8254016 00	1.1435358 01
5.9060001 01	7.9043537 00	4.8227624 00	1.2727116 01
5.9080001 01	9.6278993 00	4.8853147 00	1.4513214 01
5.9100001 01	1.1909801 01	5.0384289 00	1.6948230 01
5.9110000 01	1.3311410 01	5.1595121 00	1.8470922 01
5.9120001 01	1.4922693 01	5.3179160 00	2.0240609 01
5.9130001 01	1.6776897 01	5.5206828 00	2.2297579 01
5.9140001 01	1.8909125 01	5.7752841 00	2.4684409 01
5.9150000 01	2.1355032 01	6.0892410 00	2.7444273 01
5.9160001 01	2.4148841 01	6.4697549 00	3.0618596 01
5.9170001 01	2.7321393 01	6.9236967 00	3.4245090 01
5.9180001 01	3.0905441 01	7.4586649 00	3.8364106 01
5.9190000 01	3.4940821 01	8.0841789 00	4.3025001 01
5.9200001 01	3.9480789 01	8.8129001 00	4.8293689 01
5.9210001 01	4.4586901 01	9.6594501 00	5.4246351 01
5.9220001 01	5.0327554 01	1.0639685 01	6.0967239 01
5.9230001 01	5.6765618 01	1.1767898 01	6.8533516 01
5.9240001 01	6.3948617 01	1.3054983 01	7.7003600 01
5.9250001 01	7.1900571 01	1.4507334 01	8.6407905 01
5.9260001 01	8.0633582 01	1.6129663 01	9.6763245 01
5.9270001 01	9.0163973 01	1.7928817 01	1.0809279 02
5.9280001 01	1.0053003 02	1.9917421 01	1.2044745 02
5.9290001 01	1.1180290 02	2.2115199 01	1.3391810 02
5.9300001 01	1.2406796 02	2.4544320 01	1.4861228 02
5.9320001 01	1.5181761 02	3.0156420 01	1.8197403 02
5.9340001 01	1.8369860 02	3.6748320 01	2.2044692 02
5.9350001 01	2.0094534 02	4.0368110 01	2.4131345 02
5.9360001 01	2.1894602 02	4.4188229 01	2.6313425 02
5.9380001 01	2.5727500 02	5.2474300 01	3.0974930 02
5.9400001 01	2.9903241 02	6.1714859 01	3.6074727 02
5.9420000 01	3.4343395 02	7.1729637 01	4.1516859 02
5.9440001 01	3.8815025 02	8.2021847 01	4.7017210 02
5.9450001 01	4.1004248 02	8.7166920 01	4.9720940 02
5.9460001 01	4.3158678 02	9.2312783 01	5.2389956 02
5.9480001 01	4.7394354 02	1.0266809 02	5.7661163 02
5.9500001 01	5.1436873 02	1.1283387 02	6.2720260 02
5.9520001 01	5.4950515 02	1.2202573 02	6.7153088 02
5.9540001 01	5.7691312 02	1.2974804 02	7.0666115 02
5.9550000 01	5.8793179 02	1.3311106 02	7.2104285 02
5.9560001 01	5.9743477 02	1.3618850 02	7.3362327 02
5.9580001 01	6.1158427 02	1.4133726 02	7.5292153 02
5.9600001 01	6.1680803 02	1.4451965 02	7.6132768 02
5.9620001 01	6.1113906 02	1.4531137 02	7.5645043 02
5.9640001 01	5.9663547 02	1.4416974 02	7.4080521 02
5.9650001 01	5.8700128 02	1.4304384 02	7.3004511 02
5.9660001 01	5.7584557 02	1.4153617 02	7.1738174 02
5.9680001 01	5.4814174 02	1.3715271 02	6.8529445 02
5.9700001 01	5.1274325 02	1.3085668 02	6.4359994 02
5.9720001 01	4.7226217 02	1.2326036 02	5.9552253 02
5.9740001 01	4.3001325 02	1.1503781 02	5.4505106 02
5.9750001 01	4.0850780 02	1.1072922 02	5.1923702 02
5.9760001 01	3.8663166 02	1.0626255 02	4.9289421 02
5.9780001 01	3.4190918 02	9.6921280 01	4.3883046 02
5.9800001 01	2.9768290 02	8.7484650 01	3.8516755 02
5.9820001 01	2.5628039 02	7.8472111 01	3.3475250 02

TABLE II (Continued)

T = 0.05 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_m(\text{barns})$
5.9840001 01	2.1819156 02	6.9981259 01	2.8817282 02
5.9850001 01	2.0023519 02	6.5908758 01	2.6614394 02
5.9860000 01	1.8302343 02	6.1967178 01	2.4499061 02
5.9880001 01	1.5130457 02	5.4607600 01	2.0591217 02
5.9900000 01	1.2383446 02	4.8105419 01	1.7193988 02
5.9920001 01	1.0048135 02	4.2441670 01	1.4292302 02
5.9940000 01	8.0613106 01	3.7504774 01	1.1811788 02
5.9960001 01	6.3963126 01	3.3269774 01	9.7232900 01
5.9980001 01	5.0445982 01	2.9734151 01	8.0180133 01
6.0000001 01	3.9662627 01	2.6815498 01	6.6478125 01
6.0100000 01	1.2017230 01	1.8478673 01	3.0495903 01
6.0300000 01	2.9920985 00	1.4109103 01	1.7101202 01
6.0500001 01	1.7311352 00	1.2678827 01	1.4410012 01
6.1000001 01	8.4623426-01	1.1065508 01	1.1911742 01
6.1500001 01	6.0705409-01	1.0264641 01	1.0871695 01
6.2000001 01	5.2515240-01	9.7216796 00	1.0246832 01
6.2500001 01	5.0514887-01	9.2833728 00	9.7885216 00
6.3000001 01	5.1902900-01	8.8870654 00	9.4060943 00
6.3500001 01	5.5794342-01	8.4995507 00	9.0574941 00
6.4000001 01	6.2089219-01	8.0986464 00	8.7195386 00
6.4500001 01	7.1181798-01	7.6657963 00	8.3776143 00
6.5000001 01	8.3971527-01	7.1821823 00	8.0218976 00
6.5500001 01	1.0209060 00	6.6258457 00	7.6467517 00
6.6000001 01	1.2845906 00	5.9686526 00	7.2532332 00
6.6500001 01	1.6853825 00	5.2046049 00	6.8899873 00
6.7000001 01	2.3346768 00	4.1873514 00	6.5220281 00
6.7500001 01	3.4877512 00	2.9524634 00	6.4402146 00
6.7600000 01	3.8250435 00	2.6718045 00	6.4968481 00
6.7700002 01	4.2157057 00	2.3804306 00	6.5961363 00
6.7799999 01	4.6717532 00	2.0795656 00	6.7513187 00
6.7900002 01	5.2087951 00	1.7714984 00	6.9802934 00
6.8000001 01	5.8474486 00	1.4601486 00	7.3075971 00
6.8200002 01	7.5510383 00	8.5756863-01	8.4086069 00
6.8400002 01	1.0162899 01	3.9021004-01	1.0553109 01
6.8500001 01	1.2032594 01	2.9364693-01	1.2326241 01
6.8599999 01	1.4497763 01	3.8790407-01	1.4885667 01
6.8800001 01	2.2646025 01	1.9112749 00	2.4557300 01
6.9000001 01	4.2684456 01	1.0196467 01	5.2880923 01
6.9100000 01	6.9764647 01	2.6660383 01	9.6425030 01
6.9200001 01	1.3936332 02	7.7967329 01	2.1733065 02
6.9299999 01	3.2087180 02	2.2687599 02	5.4774780 02
6.9320002 01	3.7999163 02	2.7719443 02	6.5718606 02
6.9340000 01	4.4881189 02	3.3642187 02	7.8523376 02
6.9350002 01	4.8709083 02	3.6961823 02	8.5670905 02
6.9360002 01	5.2805315 02	4.0531676 02	9.3336990 02
6.9380000 01	6.1814077 02	4.8439042 02	1.1025312 03
6.9400001 01	7.1926947 02	5.7395673 02	1.2932262 03
6.9450001 01	1.0177502 03	8.4238669 02	1.8601369 03
6.9500001 01	1.3655255 03	1.1618738 03	2.5273993 03
6.9600001 01	2.0439411 03	1.8104815 03	3.8544226 03
6.9700001 01	2.3418605 03	2.1413901 03	4.4832506 03
6.9800000 01	2.0385030 03	1.9253646 03	3.9638676 03
6.9900001 01	1.3598070 03	1.3396309 03	2.6994379 03
7.0000001 01	7.1653361 02	7.5496008 02	1.4713937 03
7.0010000 01	6.6489748 02	7.0677931 02	1.3716768 03
7.0020002 01	6.1598313 02	6.6104328 02	1.2770264 03
7.0030002 01	5.6982995 02	6.1770655 02	1.1875365 03
7.0040002 01	5.2640088 02	5.7675201 02	1.1031529 03
7.0050002 01	4.8568923 02	5.3819177 02	1.0238810 03
7.0060002 01	4.4761169 02	5.0196436 02	9.4957605 02
7.0070002 01	4.1212992 02	4.6805062 02	8.8018053 02
7.0080002 01	3.7915480 02	4.3638273 02	8.1553753 02

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_B (barns)	σ_T (barns)
7.0000002 01	3.4858101 02	4.0687652 02	7.5545753 02
7.0000001 01	3.2032292 02	3.7946625 02	6.9978917 02
7.0200001 01	1.3933218 02	1.9883352 02	3.3816570 02
7.0300001 01	6.9625007 01	1.2350508 02	1.9313008 02
7.0400001 01	4.2442130 01	9.0636650 01	1.3307878 02
7.0500001 01	2.9709624 01	7.3349327 01	1.0305895 02
7.0600000 01	2.2398071 01	6.2479510 01	8.4877581 01
7.0700002 01	1.7628029 01	5.4874796 01	7.2502825 01
7.0800000 01	1.4286872 01	4.9221939 01	6.3508811 01
7.0900002 01	1.1837491 01	4.4849322 01	5.6686812 01
7.1000001 01	9.9814185 00	4.1366831 01	5.1348249 01
7.1200002 01	7.3914350 00	3.6173287 01	4.3564772 01
7.1400001 01	5.7046254 00	3.2491807 01	3.8196433 01
7.1500001 01	5.0728634 00	3.1027383 01	3.6100246 01
7.1600002 01	4.5419477 00	2.9750446 01	3.4292394 01
7.1800000 01	3.7055691 00	2.7632521 01	3.1338090 01
7.2000001 01	3.0833457 00	2.5948585 01	2.9031931 01
7.3000002 01	1.5023239 00	2.0963133 01	2.2465457 01
7.4000001 01	8.9777916-01	1.8512257 01	1.9410036 01
7.5000001 01	6.0402241-01	1.7053347 01	1.7657369 01
7.6000001 01	4.3951076-01	1.6082545 01	1.6522056 01
7.7000002 01	3.3825125-01	1.5387301 01	1.5725552 01
7.8000001 01	2.7157201-01	1.4862636 01	1.5134208 01
7.9000002 01	2.2538474-01	1.4450768 01	1.4676153 01
8.0000001 01	1.9207266-01	1.4170925 01	1.4362998 01
8.5000001 01	1.1296562-01	1.3119168 01	1.3232134 01
9.0000001 01	8.6809547-02	1.2511865 01	1.2598674 01
9.5000001 01	7.8354195-02	1.2049398 01	1.2127752 01
1.0000001 02	8.2033363-02	1.1598997 01	1.1681030 01
1.0500001 02	1.1055715-01	1.1003326 01	1.1113883 01
1.1000001 02	3.6577205-01	9.5297414 00	9.8955134 00
1.1050001 02	4.8689396-01	9.1639005 00	9.6507944 00
1.1100001 02	7.0362769-01	8.6569620 00	9.3605897 00
1.1150001 02	1.1586842 00	7.8897930 00	9.0484772 00
1.1200001 02	2.4483782 00	6.5522227 00	9.0006008 00
1.1250001 02	1.7707968 01	5.5075419 00	2.3215510 01
1.1260001 02	3.9388328 01	8.8951502 00	4.8283479 01
1.1270001 02	8.6838104 01	1.8644117 01	1.0548222 02
1.1280001 02	1.7293738 02	3.9044180 01	2.1198156 02
1.1290001 02	2.9649925 02	7.1487900 01	3.6798715 02
1.1300001 02	4.2787205 02	1.0986384 02	5.3773588 02
1.1310001 02	5.1476173 02	1.4055887 02	6.5532060 02
1.1315001 02	5.2666895 02	1.4850495 02	6.7517389 02
1.1320001 02	5.1430800 02	1.5010047 02	6.6440846 02
1.1330001 02	4.2684774 02	1.3516963 02	5.6201736 02
1.1340001 02	2.9555525 02	1.0482149 02	4.0037674 02
1.1350001 02	1.7244897 02	7.2744841 01	2.4519381 02
1.1360001 02	8.6737413 01	4.8218735 01	1.3495615 02
1.1370001 02	3.9450239 01	3.3201592 01	7.2651831 01
1.1380001 02	1.7778853 01	2.5256076 01	4.3034929 01
1.1390001 02	8.9918025 00	2.1262466 01	3.0254268 01
1.1400001 02	5.4872397 00	1.9125461 01	2.4612701 01
1.1410001 02	3.9071128 00	1.7811630 01	2.1718743 01
1.1420001 02	3.0357222 00	1.6889876 01	1.9925598 01
1.1430001 02	2.4703134 00	1.6185943 01	1.8656256 01
1.1440001 02	2.0683009 00	1.5621436 01	1.7689737 01
1.1450001 02	1.7679807 00	1.5154558 01	1.6922539 01
1.1460001 02	1.5364612 00	1.4759668 01	1.6296129 01
1.1470001 02	1.3538434 00	1.4419698 01	1.5773546 01
1.1480001 02	1.2072057 00	1.4122665 01	1.5329871 01
1.1490001 02	1.0877289 00	1.3859866 01	1.4947594 01
1.1500001 02	9.8921608-01	1.3624778 01	1.4613994 01

TABLE II (Continued)

T = 0.05 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
1.1600001 02	5.5436422-01	1.2074672 01	1.2629036 01
1.1700001 02	4.9594094-01	1.1040436 01	1.1536377 01
1.1800001 02	6.3653912-01	9.9632618 00	1.0599801 01
1.1900001 02	1.2138250 00	8.3392987 00	9.5531238 00
1.2000001 02	5.2445910 00	4.6124789 00	9.8570699 00
1.2010001 02	7.1281070 00	4.0953920 00	1.1223499 01
1.2020001 02	1.0970201 01	3.9994681 00	1.4969669 01
1.2030001 02	2.0007542 01	5.5513959 00	2.5558938 01
1.2040001 02	4.1754920 01	1.1914336 01	5.3669255 01
1.2050001 02	8.9747022 01	2.9278239 01	1.1902526 02
1.2060001 02	1.8037985 02	6.5983271 01	2.4636312 02
1.2070001 02	3.2027100 02	1.2719351 02	4.4746451 02
1.2080001 02	4.8841429 02	2.0622838 02	6.9464267 02
1.2090001 02	6.3130972 02	2.8045563 02	9.1176434 02
1.2100001 02	6.8766691 02	3.2054789 02	1.0082148 03
1.2110001 02	6.3029736 02	3.0964930 02	9.3994666 02
1.2120001 02	4.8705189 02	2.5559345 02	7.4264534 02
1.2130001 02	3.1926225 02	1.8404659 02	5.0330884 02
1.2140001 02	1.7993175 02	1.2012416 02	3.0005591 02
1.2150001 02	8.9677488 01	7.5785861 01	1.6546335 02
1.2160001 02	4.1805008 01	5.0209844 01	9.2014852 01
1.2170001 02	2.0039721 01	3.7086238 01	5.7125958 01
1.2180001 02	1.0960500 01	3.0526134 01	4.1486634 01
1.2190001 02	7.0926362 00	2.6979047 01	3.4071684 01
1.2200001 02	5.1987479 00	2.4772634 01	2.9971382 01
1.2210001 02	4.0860434 00	2.3216991 01	2.7303034 01
1.2220001 02	3.3376877 00	2.2030014 01	2.5367701 01
1.2230001 02	2.7942709 00	2.1082052 01	2.3876323 01
1.2240001 02	2.3819782 00	2.0302717 01	2.2684695 01
1.2250001 02	2.0599012 00	1.9648587 01	2.1708488 01
1.2260001 02	1.8026992 00	1.9090519 01	2.0893218 01
1.2270001 02	1.5936387 00	1.8608021 01	2.0201660 01
1.2280001 02	1.4211908 00	1.8186165 01	1.9607356 01
1.2290001 02	1.2771365 00	1.7813754 01	1.9090890 01
1.2300001 02	1.1554960 00	1.7482238 01	1.8637734 01
1.2350001 02	7.5910460-01	1.6246386 01	1.7005490 01
1.2400001 02	5.5036244-01	1.5431640 01	1.5982002 01
1.2450001 02	4.2834408-01	1.4842288 01	1.5270632 01
1.2460001 02	4.1031653-01	1.4742358 01	1.5152675 01
1.2470001 02	3.9391093-01	1.4647120 01	1.5041031 01
1.2480001 02	3.7897099-01	1.4556147 01	1.4935118 01
1.2490001 02	3.6536300-01	1.4469044 01	1.4834407 01
1.2500001 02	3.5297097-01	1.4385451 01	1.4738422 01
1.2600001 02	2.8022679-01	1.3682729 01	1.3962956 01
1.2700001 02	2.9050332-01	1.3071431 01	1.3361934 01
1.2710001 02	2.9839589-01	1.3006493 01	1.3304889 01
1.2720001 02	3.0842573-01	1.2939439 01	1.3247864 01
1.2730001 02	3.2111276-01	1.2869712 01	1.3190825 01
1.2740001 02	3.3727610-01	1.2796589 01	1.3133865 01
1.2750001 02	3.5848600-01	1.2719132 01	1.3077618 01
1.2760001 02	3.8857262-01	1.2636069 01	1.3024641 01
1.2770001 02	4.3807064-01	1.2545623 01	1.2983694 01
1.2780001 02	5.3464658-01	1.2445461 01	1.2980108 01
1.2790001 02	7.3983776-01	1.2333178 01	1.3073016 01
1.2800001 02	1.1594955 00	1.2207859 01	1.3367354 01
1.2810001 02	1.9157596 00	1.2072426 01	1.3988185 01
1.2820001 02	3.0528182 00	1.1934551 01	1.4987369 01
1.2830001 02	4.4169137 00	1.1802057 01	1.6218971 01
1.2840001 02	5.6462604 00	1.1672697 01	1.7318957 01
1.2850001 02	6.3942384 00	1.1526254 01	1.7920492 01
1.2860001 02	6.7435622 00	1.1332703 01	1.8076265 01
1.2870001 02	7.6324779 00	1.1087273 01	1.8719751 01

TABLE II (Continued)

T = 0.05 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
1.2880001 02	1.1152263 01	1.0874257 01	2.2026520 01
1.2890001 02	2.0508631 01	1.0940206 01	3.1448837 01
1.2900001 02	3.9032291 01	1.1707010 01	5.0739301 01
1.2910001 02	6.7609742 01	1.3609250 01	6.1218993 01
1.2920001 02	1.0151446 02	1.6727710 01	1.1824217 02
1.2930001 02	1.2997556 02	2.0458860 01	1.5043442 02
1.2940001 02	1.4111529 02	2.3624739 01	1.6474003 02
1.2950001 02	1.2973778 02	2.5123939 01	1.5486172 02
1.2960001 02	1.0112966 02	2.4632520 01	1.2576218 02
1.2970001 02	6.7111920 01	2.2727295 01	8.9839215 01
1.2980001 02	3.8268257 01	2.0377750 01	5.8646007 01
1.2990001 02	1.9125356 01	1.8332891 01	3.7458247 01
1.3000001 02	8.7401790 00	1.6874748 01	2.5614927 01
1.3010001 02	3.9668596 00	1.5943201 01	1.9910061 01
1.3020001 02	2.0124815 00	1.5363403 01	1.7375885 01
1.3030001 02	1.2344353 00	1.4985428 01	1.6219864 01
1.3040001 02	8.9174755-01	1.4718079 01	1.5609827 01
1.3050001 02	7.0784177-01	1.4514209 01	1.5222051 01
1.3060001 02	5.8967616-01	1.4350273 01	1.4939949 01
1.3070001 02	5.0522414-01	1.4213786 01	1.4719010 01
1.3080001 02	4.4139393-01	1.4097400 01	1.4538794 01
1.3090001 02	3.9151929-01	1.3996358 01	1.4387877 01
1.3100001 02	3.5160540-01	1.3907391 01	1.4258996 01
1.3150001 02	2.3380589-01	1.3578348 01	1.3812154 01
1.3200001 02	1.7798368-01	1.3357269 01	1.3535253 01
1.3300001 02	1.2644388-01	1.3058160 01	1.3184604 01
1.3400001 02	1.0297205-01	1.2849385 01	1.2952357 01
1.3500001 02	8.9808634-02	1.2685759 01	1.2775568 01
1.4000001 02	6.7105959-02	1.2128916 01	1.2196022 01
1.4500001 02	7.8208756-02	1.1679947 01	1.1758156 01
1.4530002 02	1.0222242-01	1.1585576 01	1.1687798 01
1.4550002 02	2.1385479-01	1.1547802 01	1.1761657 01
1.4560002 02	3.9423295-01	1.1523820 01	1.1918053 01
1.4570002 02	7.5522297-01	1.1498147 01	1.2253370 01
1.4580002 02	1.3693713 00	1.1476273 01	1.2845644 01
1.4590002 02	2.2327307 00	1.1467372 01	1.3700103 01
1.4600001 02	3.1955938 00	1.1534090 01	1.4729684 01
1.4610001 02	3.9697899 00	1.1572899 01	1.5542689 01
1.4620001 02	4.2807227 00	1.1627427 01	1.5908150 01
1.4630001 02	3.9644868 00	1.1681173 01	1.5645659 01
1.4640001 02	3.1888862 00	1.1717982 01	1.4906868 01
1.4650001 02	2.2294372 00	1.1728521 01	1.3957958 01
1.4660001 02	1.3646308 00	1.1717652 01	1.3082283 01
1.4670001 02	7.5585238-01	1.1694317 01	1.2450169 01
1.4680001 02	3.9535567-01	1.1667657 01	1.2063013 01
1.4690001 02	2.1520087-01	1.1643135 01	1.1858336 01
1.4700001 02	1.3600458-01	1.1622237 01	1.1758242 01
1.4800001 02	7.1674512-02	1.1498212 01	1.1569886 01
1.4900001 02	6.9763305-02	1.1401417 01	1.1471180 01
1.5000001 02	7.0959567-02	1.1305514 01	1.1376473 01
1.5100001 02	7.3777300-02	1.1205427 01	1.1279204 01
1.5200001 02	7.8986772-02	1.1096717 01	1.1175704 01
1.5300001 02	9.2530376-02	1.0968600 01	1.1061130 01
1.5350001 02	1.1852446-01	1.0882713 01	1.1001238 01
1.5360001 02	1.3437176-01	1.0860452 01	1.0994824 01
1.5370001 02	1.6787045-01	1.0834696 01	1.1002566 01
1.5380001 02	2.4741755-01	1.0803995 01	1.1051412 01
1.5390001 02	4.3533590-01	1.0766952 01	1.1202288 01
1.5400001 02	8.4769196-01	1.0724049 01	1.1571741 01
1.5410001 02	1.6342815 00	1.0679862 01	1.2314143 01
1.5420001 02	2.9353022 00	1.0646921 01	1.3582223 01
1.5430001 02	4.6874479 00	1.0642043 01	1.5329491 01

TABLE II (Continued)

T = 0.05 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
1.5440001 02	6.6322822 00	1.0682720 01	1.7315002 01
1.5450001 02	8.1335333 00	1.0769482 01	1.8903016 01
1.5460001 02	8.7512055 00	1.0885299 01	1.9636505 01
1.5470001 02	8.1244284 00	1.0995748 01	1.9120177 01
1.5480001 02	6.6190846 00	1.1069315 01	1.7688399 01
1.5490001 02	4.6783868 00	1.1093194 01	1.5771580 01
1.5500001 02	2.9316131 00	1.1072951 01	1.4004564 01
1.5510001 02	1.6378551 00	1.1028550 01	1.2666405 01
1.5520001 02	8.5372450-01	1.0976887 01	1.1830612 01
1.5530001 02	4.4345986-01	1.0929440 01	1.1372900 01
1.5540001 02	2.5577711-01	1.0889421 01	1.1145198 01
1.5550001 02	1.7689675-01	1.0856403 01	1.1033290 01
1.5600001 02	1.1244705-01	1.0741521 01	1.0853968 01
1.5700001 02	1.0469074-01	1.0567217 01	1.0671908 01
1.5800001 02	1.1036480-01	1.0395128 01	1.0505493 01
1.5900001 02	1.2070325-01	1.0207929 01	1.0328632 01
1.6000001 02	1.3521551-01	9.9968356 00	1.0132051 01
1.6500001 02	3.6704936-01	8.1227567 00	8.4898061 00
1.6600001 02	5.1834356-01	7.3710292 00	7.8893727 00
1.6700001 02	8.0645133-01	6.3026735 00	7.1091248 00
1.6800001 02	1.4678710 00	4.6734079 00	6.1412789 00
1.6900001 02	3.6444231 00	2.0724733 00	5.7168964 00
1.6920001 02	4.7018469 00	1.4603451 00	6.1621920 00
1.6940001 02	6.3470671 00	9.5210344-01	7.2991705 00
1.6960001 02	9.2328514 00	9.5476461-01	1.0187616 01
1.6980001 02	1.5825768 01	3.6356008 00	1.9461369 01
1.7000001 02	3.7772617 01	2.1438023 01	5.9210640 01
1.7010001 02	6.5820747 01	4.9149193 01	1.1496994 02
1.7020001 02	1.1718283 02	1.0409356 02	2.2127639 02
1.7030001 02	2.0247187 02	2.0034728 02	4.0281915 02
1.7040001 02	3.2699952 02	3.4678387 02	6.7378340 02
1.7050001 02	4.8224716 02	5.3635944 02	1.0186066 03
1.7060001 02	6.4078659 02	7.3860751 02	1.3793941 03
1.7070001 02	7.6155039 02	9.0419461 02	1.6657450 03
1.7080001 02	8.0663949 02	9.8422071 02	1.7908602 03
1.7090001 02	7.6067847 02	9.5445943 02	1.7151379 03
1.7100001 02	6.3943832 02	8.2824958 02	1.4676879 03
1.7110001 02	4.8095848 02	6.4827552 02	1.1292340 03
1.7120001 02	3.2611820 02	4.6401979 02	7.9013799 02
1.7130001 02	2.0204116 02	3.1077959 02	5.1282075 02
1.7140001 02	1.1705449 02	2.0179976 02	3.1885425 02
1.7150001 02	6.5819975 01	1.3309642 02	1.9891640 02
1.7160001 02	3.7789172 01	9.3226057 01	1.3101523 02
1.7180001 02	1.5798741 01	5.8078408 01	7.3877149 01
1.7200001 02	9.1890073 00	4.4845733 01	5.4034740 01
1.7220001 02	6.3049916 00	3.7893185 01	4.4198177 01
1.7240001 02	4.6643619 00	3.3423986 01	3.8088248 01
1.7250001 02	4.0849400 00	3.1721514 01	3.5806454 01
1.7260001 02	3.6110953 00	3.0266986 01	3.3878082 01
1.7280001 02	2.8876142 00	2.7910224 01	3.0797838 01
1.7300001 02	2.3669106 00	2.6081343 01	2.8448254 01
1.7310001 02	2.1593285 00	2.5312040 01	2.7471368 01
1.7320001 02	1.9786991 00	2.4619991 01	2.6598690 01
1.7330001 02	1.8204773 00	2.3993995 01	2.5814472 01
1.7340001 02	1.6810807 00	2.3425059 01	2.5106140 01
1.7350001 02	1.5575916 00	2.2905627 01	2.4463218 01
1.7360001 02	1.4476666 00	2.2429519 01	2.3877185 01
1.7370001 02	1.3493699 00	2.1991473 01	2.3340843 01
1.7380001 02	1.2611039 00	2.1587076 01	2.2848180 01
1.7390001 02	1.1815390 00	2.1212561 01	2.2394100 01
1.7400001 02	1.1095643 00	2.0864725 01	2.1974289 01
1.7420001 02	9.8476685-01	2.0238359 01	2.1223126 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.7440001 02	8.8074252-01	1.9689841 01	2.0570583 01
1.7460001 02	7.9311304-01	1.9205357 01	1.9998470 01
1.7480001 02	7.1860230-01	1.8774180 01	1.9492782 01
1.7500001 02	6.5471226-01	1.8387799 01	1.9042511 01
1.7600001 02	4.3985607-01	1.6930658 01	1.7370514 01
1.7700001 02	3.2194412-01	1.5961844 01	1.6283788 01
1.7800001 02	2.5078379-01	1.5262990 01	1.5513774 01
1.7900001 02	2.0506626-01	1.4727650 01	1.4932716 01
1.8000001 02	1.7453072-01	1.4297417 01	1.4471948 01
1.8100001 02	1.5380133-01	1.3937178 01	1.4090979 01
1.8200001 02	1.3992753-01	1.3624026 01	1.3763954 01
1.8300001 02	1.3131022-01	1.3341712 01	1.3473022 01
1.8400001 02	1.2723091-01	1.3077498 01	1.3204729 01
1.8500001 02	1.2770884-01	1.2819967 01	1.2947676 01
1.8600001 02	1.3363832-01	1.2557102 01	1.2690741 01
1.8700001 02	1.4736580-01	1.2273673 01	1.2421039 01
1.8800001 02	1.7433890-01	1.1946544 01	1.2120883 01
1.8900001 02	2.2817601-01	1.1533662 01	1.1761838 01
1.9000001 02	3.5003858-01	1.0942092 01	1.1292131 01
1.9100001 02	7.1941739-01	9.9010446 00	1.0620462 01
1.9150002 02	1.2956176 00	8.8804884 00	1.0176106 01
1.9200001 02	4.3329002 00	7.2672227 00	1.1600123 01
1.9210001 02	7.1198026 00	7.0917053 00	1.4211508 01
1.9220001 02	1.2886264 01	7.4739799 00	2.0360244 01
1.9230001 02	2.4270478 01	9.1377283 00	3.3408206 01
1.9240001 02	4.4879644 01	1.3203200 01	5.8082844 01
1.9250001 02	7.8211422 01	2.0977632 01	9.9189055 01
1.9260001 02	1.2539527 02	3.3354269 01	1.5874954 02
1.9270001 02	1.8251810 02	4.9941971 01	2.3246007 02
1.9280001 02	2.3947313 02	6.8442349 01	3.0791548 02
1.9290001 02	2.8213537 02	8.4904781 01	3.6704015 02
1.9300001 02	2.9793140 02	9.5113910 01	3.9304531 02
1.9310001 02	2.8184755 02	9.6463009 01	3.7831056 02
1.9320001 02	2.3902822 02	8.9169310 01	3.2819753 02
1.9330001 02	1.8208775 02	7.6022087 01	2.5810983 02
1.9340001 02	1.2509612 02	6.0907510 01	1.8600363 02
1.9350001 02	7.8072568 01	4.7118551 01	1.2519112 02
1.9360001 02	4.4855410 01	3.6413466 01	8.1268876 01
1.9370001 02	2.4299394 01	2.9049651 01	5.3349045 01
1.9380001 02	1.2924362 01	2.4393791 01	3.7318153 01
1.9390001 02	7.1493909 00	2.1569372 01	2.8718763 01
1.9400001 02	4.3522182 00	1.9839584 01	2.4191802 01
1.9410001 02	2.9821553 00	1.8718379 01	2.1700534 01
1.9420001 02	2.2557398 00	1.7930434 01	2.0186174 01
1.9430001 02	1.8200867 00	1.7333088 01	1.9153174 01
1.9440001 02	1.5262665 00	1.6854239 01	1.8380505 01
1.9450001 02	1.3111727 00	1.6455915 01	1.7767088 01
1.9460001 02	1.1457230 00	1.6116214 01	1.7261937 01
1.9470001 02	1.0145626 00	1.5821220 01	1.6835783 01
1.9480001 02	9.0848007-01	1.5561362 01	1.6469842 01
1.9490001 02	8.2139288-01	1.5329695 01	1.6151088 01
1.9500001 02	7.4909334-01	1.5121019 01	1.5870113 01
1.9510001 02	6.8854952-01	1.4931287 01	1.5619836 01
1.9520001 02	6.3754521-01	1.4757294 01	1.5394839 01
1.9530001 02	5.9443256-01	1.4596455 01	1.5190888 01
1.9540001 02	5.5801920-01	1.4446626 01	1.5004645 01
1.9550001 02	5.2753836-01	1.4305981 01	1.4833519 01
1.9560001 02	5.0279669-01	1.4172906 01	1.4675703 01
1.9570001 02	4.8474358-01	1.4045906 01	1.4530649 01
1.9580001 02	4.7688339-01	1.3923511 01	1.4400394 01
1.9590001 02	4.8813829-01	1.3804254 01	1.4292392 01
1.9600001 02	5.3716701-01	1.3686799 01	1.4223966 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_g (barns)	σ_m (barns)
1.9610001 02	6.5601701-01	1.3570357 01	1.4226374 01
1.9620001 02	8.8794030-01	1.3455460 01	1.4343400 01
1.9630001 02	1.2738786 00	1.3344890 01	1.4618769 01
1.9640001 02	1.8272409 00	1.3244079 01	1.5071320 01
1.9650001 02	2.5055288 00	1.3159498 01	1.5665026 01
1.9660001 02	3.1931814 00	1.3095256 01	1.6288437 01
1.9670001 02	3.7178828 00	1.3049709 01	1.6767592 01
1.9680001 02	3.9147499 00	1.3014865 01	1.6929615 01
1.9690001 02	3.7147589 00	1.2979004 01	1.6693763 01
1.9700001 02	3.1887590 00	1.2930643 01	1.6119402 01
1.9710001 02	2.5027712 00	1.2862285 01	1.5365056 01
1.9720001 02	1.8284405 00	1.2772745 01	1.4601186 01
1.9730001 02	1.2791865 00	1.2666343 01	1.3945529 01
1.9740001 02	8.9691700-01	1.2549565 01	1.3446482 01
1.9750001 02	6.6887089-01	1.2427516 01	1.3096387 01
1.9780002 02	5.1086217-01	1.1982161 01	1.2493023 01
1.9800001 02	5.6556275-01	1.1755790 01	1.2321353 01
1.9820002 02	6.7429892-01	1.1364344 01	1.2038643 01
1.9850001 02	1.0103841 00	1.0770435 01	1.1780819 01
1.9855001 02	1.1125584 00	1.0635540 01	1.1748099 01
1.9860001 02	1.2439402 00	1.0491728 01	1.1735668 01
1.9865001 02	1.4187898 00	1.0339232 01	1.1758022 01
1.9870001 02	1.6604145 00	1.0179808 01	1.1840222 01
1.9875001 02	2.0027163 00	1.0016846 01	1.2019562 01
1.9880001 02	2.5004016 00	9.8576944 00	1.2358096 01
1.9885001 02	3.2300526 00	9.7145684 00	1.2944621 01
1.9890001 02	4.3000275 00	9.6059414 00	1.3905969 01
1.9895001 02	5.8701305 00	9.5638856 00	1.5434016 01
1.9900001 02	8.1158659 00	9.6246501 00	1.7740516 01
1.9905001 02	1.1315801 01	9.8507750 00	2.1166576 01
1.9910001 02	1.5719046 01	1.0307484 01	2.6026530 01
1.9915001 02	2.1655961 01	1.1075783 01	3.2731744 01
1.9920001 02	2.9479922 01	1.2267176 01	4.1747098 01
1.9925001 02	3.9313539 01	1.3933608 01	5.3247147 01
1.9930001 02	5.1580622 01	1.6216530 01	6.7797152 01
1.9935001 02	6.5968477 01	1.9110480 01	8.5078957 01
1.9940001 02	8.2538953 01	2.2656947 01	1.0519590 02
1.9945001 02	1.0081626 02	2.6854970 01	1.2767123 02
1.9950001 02	1.1970149 02	3.1457010 01	1.5115850 02
1.9952001 02	1.2737656 02	3.3421880 01	1.6079844 02
1.9954001 02	1.3497933 02	3.5424711 01	1.7040404 02
1.9956001 02	1.4244460 02	3.7451651 01	1.7989625 02
1.9958001 02	1.4969614 02	3.9485300 01	1.8918144 02
1.9960001 02	1.5665864 02	4.1507478 01	1.9816612 02
1.9962001 02	1.6324963 02	4.3498259 01	2.0674789 02
1.9964001 02	1.6939697 02	4.5438850 01	2.1483582 02
1.9966001 02	1.7502256 02	4.7308141 01	2.2233070 02
1.9968001 02	1.8005780 02	4.9086811 01	2.2914461 02
1.9970001 02	1.8443619 02	5.0755840 01	2.3519203 02
1.9972001 02	1.8810032 02	5.2296360 01	2.4039668 02
1.9978001 02	1.9435559 02	5.5989200 01	2.5034479 02
1.9980001 02	1.9476475 02	5.6867890 01	2.5163264 02
1.9990001 02	1.8424162 02	5.8318091 01	2.4255971 02
1.9992001 02	1.7983260 02	5.8022600 01	2.3785520 02
1.9994001 02	1.7477096 02	5.7544409 01	2.3231537 02
1.9996001 02	1.6912379 02	5.6893721 01	2.2601751 02
1.9998001 02	1.6296431 02	5.6083489 01	2.1904780 02
2.0000001 02	1.5636173 02	5.5125151 01	2.1148688 02
2.0010001 02	1.1942048 02	4.8659549 01	1.6808003 02
2.0020001 02	8.2347581 01	4.0871899 01	1.2321948 02
2.0030001 02	5.1475624 01	3.3502233 01	8.4977857 01
2.0040001 02	2.9433781 01	2.7598452 01	5.7032233 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_n (barns)	σ_n (barns)	σ_T (barns)
2.0050001 02	1.5704614 01	2.3427188 01	3.9131802 01
2.0060001 02	8.1089416 00	2.0724246 01	2.8833187 01
2.0080001 02	2.4717783 00	1.7995161 01	2.0466939 01
2.0100001 02	1.1979402 00	1.6815418 01	1.8013359 01
2.0120001 02	8.0387873-01	1.6141937 01	1.6945815 01
2.0140001 02	6.0727055-01	1.5676818 01	1.6284089 01
2.0150001 02	5.3972935-01	1.5490336 01	1.6030065 01
2.0160001 02	4.8501046-01	1.5325941 01	1.5810951 01
2.0180001 02	4.0288303-01	1.5047534 01	1.5450417 01
2.0200001 02	3.4925882-01	1.4818054 01	1.5167313 01
2.0210001 02	3.3533458-01	1.4716679 01	1.5052014 01
2.0220001 02	3.3610023-01	1.4622217 01	1.4958317 01
2.0230001 02	3.6105747-01	1.4533647 01	1.4894704 01
2.0240001 02	4.2395269-01	1.4450583 01	1.4874535 01
2.0250001 02	5.3789379-01	1.4373332 01	1.4911226 01
2.0260001 02	7.0357024-01	1.4303035 01	1.5006605 01
2.0270001 02	9.0209260-01	1.4241606 01	1.5143699 01
2.0280001 02	1.1004911 00	1.4190464 01	1.5290955 01
2.0290001 02	1.2534614 00	1.4148677 01	1.5402138 01
2.0300001 02	1.3075944 00	1.4113158 01	1.5420752 01
2.0310001 02	1.2359497 00	1.4080457 01	1.5316407 01
2.0320001 02	1.0660421 00	1.4047133 01	1.5113175 01
2.0330001 02	8.5118077-01	1.4010077 01	1.4861258 01
2.0340001 02	6.3554239-01	1.3968518 01	1.4604060 01
2.0350001 02	4.5165240-01	1.3924148 01	1.4375800 01
2.0360001 02	3.1864001-01	1.3879172 01	1.4197812 01
2.0370001 02	2.3522701-01	1.3835143 01	1.4070370 01
2.0380001 02	1.8756160-01	1.3792976 01	1.3980537 01
2.0390001 02	1.6164997-01	1.3753053 01	1.3914703 01
2.0400001 02	1.4765305-01	1.3715277 01	1.3862930 01
2.0500001 02	1.1047740-01	1.3410701 01	1.3521178 01
2.1000001 02	7.7487505-02	1.2500605 01	1.2578092 01
2.1500001 02	1.1296525-01	1.1608005 01	1.1720970 01
2.2000001 02	1.1150485 00	8.0658802 00	9.1809286 00
2.2020001 02	1.4451030 00	7.5299477 00	8.9750507 00
2.2040001 02	1.9885889 00	6.8648012 00	8.8533901 00
2.2060001 02	3.1327203 00	6.0973590 00	9.2300793 00
2.2080001 02	6.7443771 00	5.8121489 00	1.2556526 01
2.2100001 02	2.0497976 01	9.3100211 00	2.9807997 01
2.2120001 02	6.4207582 01	2.6624395 01	9.0831976 01
2.2140001 02	1.5879789 02	7.1220860 01	2.3001875 02
2.2160001 02	2.7924870 02	1.3637070 02	4.1561941 02
2.2180001 02	3.3770935 02	1.7948376 02	5.1719311 02
2.2200001 02	2.7879109 02	1.6454024 02	4.4333133 02
2.2210001 02	2.1991744 02	1.3946242 02	3.5937986 02
2.2220001 02	1.5843556 02	1.1060638 02	2.6904194 02
2.2230001 02	1.0475966 02	8.3594930 01	1.8835459 02
2.2240001 02	6.4132124 01	6.1818556 01	1.2595068 02
2.2250001 02	3.6929845 01	4.6207787 01	8.3137632 01
2.2260001 02	2.0524310 01	3.5979443 01	5.6503753 01
2.2270001 02	1.1463169 01	2.9676104 01	4.1139273 01
2.2280001 02	6.7566160 00	2.5788730 01	3.2545346 01
2.2290001 02	4.3713044 00	2.3455590 01	2.7826895 01
2.2300001 02	3.1276739 00	2.1930892 01	2.5058566 01
2.2400001 02	7.2689807-01	1.6802378 01	1.7529276 01
2.2500001 02	3.5150661-01	1.5259584 01	1.5611091 01
2.2600001 02	2.1715909-01	1.4476029 01	1.4693188 01
2.2700001 02	1.5381609-01	1.3989422 01	1.4143238 01
2.2800001 02	1.1899832-01	1.3650002 01	1.3769000 01
2.2900001 02	9.7895094-02	1.3394012 01	1.3491907 01
2.3000001 02	8.4231166-02	1.3189620 01	1.3273851 01
2.3500001 02	5.8632572-02	1.2506511 01	1.2565143 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.4000001 02	5.9110253-02	1.1969721 01	1.2028831 01
2.4500001 02	8.9373034-02	1.1237650 01	1.1327023 01
2.4800002 02	1.8577113-01	1.0308561 01	1.0494332 01
2.5000001 02	5.7588485-01	8.6283417 00	9.2042265 00
2.5100001 02	2.2194855 00	6.1978177 00	8.4173031 00
2.5110001 02	2.9965495 00	5.9029183 00	8.8994679 00
2.5120001 02	4.4341580 00	5.8003130 00	1.0234471 01
2.5130001 02	7.1979773 00	6.2126337 00	1.3410611 01
2.5140001 02	1.2458174 01	7.7575428 00	2.0215717 01
2.5150001 02	2.2029003 01	1.1463904 01	3.3492907 01
2.5160001 02	3.8258667 01	1.8770521 01	5.7029188 01
2.5170001 02	6.3443131 01	3.1253536 01	9.4696667 01
2.5180001 02	9.8815597 01	5.0076623 01	1.4889222 02
2.5190001 02	1.4319759 02	7.5183699 01	2.1838129 02
2.5200001 02	1.9178193 02	1.0443222 02	2.9621415 02
2.5210001 02	2.3656989 02	1.3356010 02	3.7012999 02
2.5220001 02	2.6855497 02	1.5726071 02	4.2581569 02
2.5230001 02	2.8018450 02	1.7054443 02	4.5072893 02
2.5240001 02	2.6834875 02	1.7053892 02	4.3888767 02
2.5250001 02	2.3622057 02	1.5793097 02	3.9415155 02
2.5260001 02	1.9140406 02	1.3631662 02	3.2772068 02
2.5270001 02	1.4289512 02	1.1058752 02	2.5348264 02
2.5280001 02	9.8624489 01	8.5503771 01	1.8412826 02
2.5290001 02	6.3354411 01	6.4337089 01	1.2769150 02
2.5300001 02	3.8244985 01	4.8353145 01	8.6598129 01
2.5310001 02	2.2051321 01	3.7310376 01	5.9361697 01
2.5320001 02	1.2485097 01	3.0186942 01	4.2672039 01
2.5330001 02	7.2188011 00	2.5774403 01	3.2993204 01
2.5340001 02	4.4465848 00	2.3052824 01	2.7499409 01
2.5350001 02	3.0020969 00	2.1317762 01	2.4319859 01
2.5400001 02	1.0881339 00	1.7600135 01	1.8688269 01
2.5500001 02	4.2826199-01	1.5122666 01	1.5550928 01
2.6000001 02	1.7246112-01	1.1961842 01	1.2134303 01
2.6100001 02	2.4061271-01	1.1365655 01	1.1606267 01
2.6200001 02	4.7323835-01	1.0365801 01	1.0839039 01
2.6250002 02	8.7885035-01	9.4312276 00	1.0310078 01
2.6300001 02	4.9057942 00	8.3814298 00	1.3287224 01
2.6310001 02	8.6959991 00	8.8624448 00	1.7558444 01
2.6320001 02	1.5517959 01	1.0296733 01	2.5814692 01
2.6330001 02	2.6945426 01	1.3341029 01	4.0286455 01
2.6340001 02	4.4482284 01	1.8734471 01	6.3216755 01
2.6350001 02	6.8733923 01	2.7002106 01	9.5736029 01
2.6360001 02	9.8566629 01	3.8085080 01	1.3665171 02
2.6370001 02	1.3078408 02	5.1113531 01	1.8189761 02
2.6380001 02	1.6045631 02	6.4419291 01	2.2487560 02
2.6390001 02	1.8173283 02	7.5736551 01	2.5746938 02
2.6400001 02	1.8947839 02	8.2735759 01	2.7221415 02
2.6410001 02	1.8160754 02	8.3962290 01	2.6556983 02
2.6420001 02	1.6024320 02	7.9517241 01	2.3976044 02
2.6430001 02	1.3053091 02	7.0872551 01	2.0140346 02
2.6440001 02	9.8343407 01	6.0095562 01	1.5843897 02
2.6450001 02	6.8596539 01	4.9161201 01	1.1775774 02
2.6460001 02	4.4426398 01	3.9540047 01	8.3966445 01
2.6470001 02	2.6938887 01	3.1998358 01	5.8937245 01
2.6480001 02	1.5526382 01	2.6608929 01	4.2135311 01
2.6490001 02	8.7061438 00	2.3006798 01	3.1712942 01
2.6500000 02	4.9132298 00	2.0689423 01	2.5602653 01
2.6520001 02	1.8874110 00	1.8235906 01	2.0123317 01
2.6540001 02	1.0524067 00	1.7062766 01	1.8115172 01
2.6550001 02	8.6681280-01	1.6670725 01	1.7537538 01
2.6600001 02	4.5797445-01	1.5453139 01	1.5911114 01
2.6700001 02	2.1836549-01	1.4332754 01	1.4551119 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.6800001 02	1.4035196-01	1.3766212 01	1.3906564 01
2.6900001 02	1.0515004-01	1.3404382 01	1.3509532 01
2.7000001 02	8.6442748-02	1.3141271 01	1.3227714 01
2.7500001 02	6.2939743-02	1.2319554 01	1.2382494 01
2.8000001 02	9.0626655-02	1.1539895 01	1.1630521 01
2.8100001 02	1.0973826-01	1.1310401 01	1.1420139 01
2.8200001 02	1.4286810-01	1.1013812 01	1.1156680 01
2.8300001 02	2.0699192-01	1.0595981 01	1.0802973 01
2.8400001 02	3.5710931-01	9.9270186 00	1.0284128 01
2.8500001 02	8.8046983-01	8.5889323 00	9.4694021 00
2.8520001 02	1.1639180 00	8.1322182 00	9.2961362 00
2.8540001 02	1.7061135 00	7.5748784 00	9.2809918 00
2.8560001 02	3.1546478 00	7.0326082 00	1.0187256 01
2.8580001 02	7.9748586 00	7.2732594 00	1.5248118 01
2.8600001 02	2.3014309 01	1.0961056 01	3.3975365 01
2.8610001 02	3.7935789 01	1.5709553 01	5.3645342 01
2.8620001 02	5.9620195 01	2.3412831 01	8.3033026 01
2.8630001 02	8.8335080 01	3.4520570 01	1.2285565 02
2.8640001 02	1.2254421 02	4.8796670 01	1.7134088 02
2.8650001 02	1.5852446 02	6.5046959 01	2.2357142 02
2.8660001 02	1.9076414 02	8.1144301 01	2.7190844 02
2.8670001 02	2.1324584 02	9.4444149 01	3.0768999 02
2.8680001 02	2.2127679 02	1.0253326 02	3.2381005 02
2.8690001 02	2.1309741 02	1.0399577 02	3.1709318 02
2.8700000 02	1.9051596 02	9.8878069 01	2.8939403 02
2.8710001 02	1.5824607 02	8.8612040 01	2.4685811 02
2.8720001 02	1.2230055 02	7.5471429 01	1.9777198 02
2.8730001 02	8.8163653 01	6.1823576 01	1.4998723 02
2.8740001 02	5.9527735 01	4.9503515 01	1.0903125 02
2.8750001 02	3.7905987 01	3.9519360 01	7.7425348 01
2.8760001 02	2.3020261 01	3.2095811 01	5.5116072 01
2.8770001 02	1.3577766 01	2.6934892 01	4.0512658 01
2.8780001 02	7.9926540 00	2.3507442 01	3.1500096 01
2.8790001 02	4.8620449 00	2.1275346 01	2.6137391 01
2.8800001 02	3.1600124 00	1.9806917 01	2.2966929 01
2.8900001 02	5.7068309-01	1.5462009 01	1.6032692 01
2.9000001 02	2.7796437-01	1.4241092 01	1.4519056 01
2.9100001 02	1.7552306-01	1.3606932 01	1.3782455 01
2.9200001 02	1.2810631-01	1.3199172 01	1.3327278 01
2.9300001 02	1.0278468-01	1.2901304 01	1.3004089 01
2.9400001 02	8.8239274-02	1.2663227 01	1.2751466 01
2.9500001 02	7.9775252-02	1.2459103 01	1.2538879 01
3.0000001 02	8.7421511-02	1.1512894 01	1.1600315 01
3.0100001 02	1.0256596-01	1.1259487 01	1.1362053 01
3.0200001 02	1.3068111-01	1.0934025 01	1.1064706 01
3.0300001 02	1.8873646-01	1.0471099 01	1.0659835 01
3.0400001 02	3.3830695-01	9.7024881 00	1.0040795 01
3.0500001 02	1.0560495 00	8.0163148 00	9.0723642 00
3.0520001 02	1.8101217 00	7.4973022 00	9.3074239 00
3.0540001 02	4.2923448 00	7.3859322 00	1.1678277 01
3.0550001 02	7.2509058 00	7.9434532 00	1.5194359 01
3.0560001 02	1.2445244 01	9.4367990 00	2.1882043 01
3.0570001 02	2.1025041 01	1.2477930 01	3.3502971 01
3.0580001 02	3.4209779 01	1.7789922 01	5.1999701 01
3.0590001 02	5.2879556 01	2.6025428 01	7.8904984 01
3.0600001 02	7.7038099 01	3.7490221 01	1.1452832 02
3.0610001 02	1.0529498 02	5.1829319 01	1.5712430 02
3.0620001 02	1.3461790 02	6.7803791 01	2.0242169 02
3.0630001 02	1.6066155 02	8.3342571 01	2.4400412 02
3.0640001 02	1.7873522 02	9.5947426 01	2.7468265 02
3.0650001 02	1.8517752 02	1.0338389 02	2.8856141 02
3.0660001 02	1.7861925 02	1.0440187 02	2.8302112 02

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
3.0670001 02	1.6045692 02	9.9115019 01	2.5957194 02
3.0680000 02	1.3438873 02	8.8925480 01	2.2331421 02
3.0690001 02	1.0509181 02	7.5961709 01	1.8105352 02
3.0700001 02	7.6901596 01	6.2436814 01	1.3933841 02
3.0710001 02	5.2806452 01	5.0084868 01	1.0289132 02
3.0720001 02	3.4189154 01	3.9919170 01	7.4108323 01
3.0730001 02	2.1032311 01	3.2233573 01	5.3265884 01
3.0740001 02	1.2460189 01	2.6812844 01	3.9273033 01
3.0750001 02	7.2663600 00	2.3182006 01	3.0448366 01
3.0760001 02	4.3035279 00	2.0818575 01	2.5122103 01
3.0770001 02	2.6843848 00	1.9282015 01	2.1966400 01
3.0780001 02	1.8131217 00	1.8253892 01	2.0067014 01
3.0790001 02	1.3344637 00	1.7529794 01	1.8864257 01
3.0800001 02	1.0549571 00	1.6988126 01	1.8043083 01
3.0900000 02	3.3742072-01	1.4590265 01	1.4927685 01
3.1000001 02	1.8900261-01	1.3669515 01	1.3858518 01
3.1100001 02	1.3181818-01	1.3142918 01	1.3274736 01
3.1110001 02	1.2816894-01	1.3101286 01	1.3229455 01
3.1120001 02	1.2476851-01	1.3061107 01	1.3185876 01
3.1130001 02	1.2159610-01	1.3022284 01	1.3143680 01
3.1140001 02	1.1863318-01	1.2984721 01	1.3103354 01
3.1150001 02	1.1586238-01	1.2948337 01	1.3064199 01
3.1160001 02	1.1326947-01	1.2913058 01	1.3026327 01
3.1170001 02	1.1084048-01	1.2878810 01	1.2989650 01
3.1180001 02	1.0856278-01	1.2845526 01	1.2954088 01
3.1190001 02	1.0642584-01	1.2813149 01	1.2919575 01
3.1200001 02	1.0441960-01	1.2781632 01	1.2886052 01
3.1300001 02	8.9873322-02	1.2503656 01	1.2593529 01
3.1400001 02	8.1972203-02	1.2271571 01	1.2353543 01
3.1500001 02	7.8047731-02	1.2065278 01	1.2143325 01
3.1600001 02	7.6861968-02	1.1872462 01	1.1949324 01
3.1700001 02	7.7862197-02	1.1684515 01	1.1762377 01
3.1800001 02	8.0892875-02	1.1494543 01	1.1575436 01
3.1900001 02	8.6096128-02	1.1296157 01	1.1382253 01
3.2000000 02	9.3917473-02	1.1082560 01	1.1176478 01
3.2100001 02	1.0520705-01	1.0845621 01	1.0950828 01
3.2200001 02	1.2146142-01	1.0574595 01	1.0696057 01
3.2300001 02	1.4534370-01	1.0254115 01	1.0399458 01
3.2400001 02	1.8184632-01	9.8605377 00	1.0042384 01
3.2500001 02	2.4114856-01	9.3545650 00	9.5957135 00
3.2600001 02	3.4670791-01	8.6649512 00	9.0116591 00
3.2700001 02	5.6352749-01	7.6469952 00	8.2105227 00
3.2800001 02	1.1381790 00	5.9608561 00	7.0990351 00
3.2900001 02	4.4631853 00	3.2839399 00	7.7471251 00
3.2910001 02	5.9423053 00	3.5163850 00	9.4586903 00
3.2920001 02	8.4100432 00	4.4907768 00	1.2900820 01
3.2930001 02	1.2587201 01	6.8946530 00	1.9481854 01
3.2940001 02	1.9568599 01	1.1827566 01	3.1396165 01
3.2950001 02	3.0845427 01	2.0862990 01	5.1708416 01
3.2960001 02	4.8164883 01	3.5956421 01	8.4121304 01
3.2970001 02	7.3153309 01	5.9105721 01	1.3225903 02
3.2980001 02	1.0669668 02	9.1729711 01	1.9842639 02
3.2990001 02	1.4816767 02	1.3382921 02	2.8199688 02
3.3000001 02	1.9482218 02	1.8323545 02	3.7805763 02
3.3010001 02	2.4168902 02	2.3530967 02	4.7699869 02
3.3020001 02	2.8226398 02	2.8345227 02	5.6571625 02
3.3030001 02	3.0991549 02	3.2042332 02	6.3033881 02
3.3040001 02	3.1968283 02	3.4021968 02	6.5990250 02
3.3050001 02	3.0973021 02	3.3975470 02	6.4948491 02
3.3060001 02	2.8193915 02	3.1976047 02	6.0169962 02
3.3070001 02	2.4131146 02	2.8447155 02	5.2578301 02
3.3080001 02	1.9446497 02	2.4026615 02	4.3473112 02

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
3.3090001 02	1.4788636 02	1.9389333 02	3.4177969 02
3.3100000 02	1.0651904 02	1.5089821 02	2.5741725 02
3.3110001 02	7.3061078 01	1.1470209 02	1.8776317 02
3.3120001 02	4.8135999 01	8.6587060 01	1.3472306 02
3.3130001 02	3.0852236 01	6.6143314 01	9.6995550 01
3.3140001 02	1.9587857 01	5.2029887 01	7.1617744 01
3.3150001 02	1.2605969 01	4.2622888 01	5.5228857 01
3.3170002 02	5.9488732 00	3.2337509 01	3.8286382 01
3.3200001 02	2.9228568 00	2.5967545 01	2.8890402 01
3.3300001 02	9.6796751-01	1.9197107 01	2.0165074 01
3.3400001 02	5.1688990-01	1.6694478 01	1.7211368 01
3.3500001 02	3.4049009-01	1.5299348 01	1.5639838 01
3.3600001 02	2.5829474-01	1.4346833 01	1.4605128 01
3.3700001 02	2.2061412-01	1.3591626 01	1.3812240 01
3.3800001 02	2.1230118-01	1.2905072 01	1.3117373 01
3.3900001 02	2.3488252-01	1.2184137 01	1.2419019 01
3.4000001 02	3.1311441-01	1.1288533 01	1.1601647 01
3.4100001 02	5.6084960-01	9.9012104 00	1.0462060 01
3.4200001 02	2.7929185 00	7.3386495 00	1.0131568 01
3.4210001 02	4.1980336 00	7.4482074 00	1.1646241 01
3.4220001 02	6.6782856 00	8.1595293 00	1.4837815 01
3.4230001 02	1.0951337 01	9.9914049 00	2.0942742 01
3.4240001 02	1.7975432 01	1.3679563 01	3.1654995 01
3.4250001 02	2.8830684 01	2.0127390 01	4.8958074 01
3.4260001 02	4.4595626 01	3.0337564 01	7.4933190 01
3.4270001 02	6.5806999 01	4.4996460 01	1.1080346 02
3.4280001 02	9.1888296 01	6.4066453 01	1.5595475 02
3.4290001 02	1.2127906 02	8.6786290 01	2.0806535 02
3.4300001 02	1.5085599 02	1.1105474 02	2.6191073 02
3.4310001 02	1.7615652 02	1.3362715 02	3.0978367 02
3.4320001 02	1.9348983 02	1.5154635 02	3.4503618 02
3.4330000 02	1.9979052 02	1.6191735 02	3.6170787 02
3.4340001 02	1.9337696 02	1.6283720 02	3.5621416 02
3.4350001 02	1.7596367 02	1.5492605 02	3.3088972 02
3.4360001 02	1.5062577 02	1.3985331 02	2.9047908 02
3.4370001 02	1.2105461 02	1.2015740 02	2.4121201 02
3.4380001 02	9.1722715 01	9.9232624 01	1.9095534 02
3.4390001 02	6.5699085 01	7.9578796 01	1.4527788 02
3.4400001 02	4.4533041 01	6.2749699 01	1.0728274 02
3.4410001 02	2.8814091 01	4.9569177 01	7.8383267 01
3.4420001 02	1.7975497 01	3.9901228 01	5.7876724 01
3.4430001 02	1.0955887 01	3.3160148 01	4.4116035 01
3.4440001 02	6.6825309 00	2.8646621 01	3.5329152 01
3.4450001 02	4.1958829 00	2.5671505 01	2.9867388 01
3.4500001 02	1.0438981 00	2.0016022 01	2.1059920 01
3.4600001 02	3.9138196-01	1.7023977 01	1.7415359 01
3.4700001 02	2.2572273-01	1.5765904 01	1.5991627 01
3.4800001 02	1.5669791-01	1.5028655 01	1.5185353 01
3.4900001 02	1.2127522-01	1.4522524 01	1.4643799 01
3.5000001 02	1.0085715-01	1.4138888 01	1.4239745 01
3.5100001 02	8.8309076-02	1.3826893 01	1.3915202 01
3.5200001 02	8.0429509-02	1.3558957 01	1.3639387 01
3.5300001 02	7.5640988-02	1.3318204 01	1.3393845 01
3.5400001 02	7.3143162-02	1.3093154 01	1.3166297 01
3.5500001 02	7.2566929-02	1.2875001 01	1.2947568 01
3.5600001 02	7.3835316-02	1.2656068 01	1.2729904 01
3.5700001 02	7.7131735-02	1.2428693 01	1.2505825 01
3.5800001 02	8.2953445-02	1.2184101 01	1.2267054 01
3.5900001 02	9.2281685-02	1.1910993 01	1.2003275 01
3.6000001 02	1.0698127-01	1.1593232 01	1.1700213 01
3.6100001 02	1.3076456-01	1.1205378 01	1.1336142 01
3.6200001 02	1.7178954-01	1.0703127 01	1.0874916 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
3.6300001 02	2.5109020-01	9.9990748 00	1.0250165 01
3.6400001 02	4.3949981-01	8.8878384 00	9.3273381 00
3.6500001 02	1.1899088 00	6.7538050 00	7.9437137 00
3.6550001 02	5.0489876 00	6.4636824 00	1.1512670 01
3.6560001 02	7.9847268 00	7.8022381 00	1.5786965 01
3.6570001 02	1.2853669 01	1.0619634 01	2.3473303 01
3.6580001 02	2.0593142 01	1.5771461 01	3.6364603 01
3.6590001 02	3.2153085 01	2.4198538 01	5.6351623 01
3.6600001 02	4.8437693 01	3.6897665 01	8.5335358 01
3.6610001 02	6.9644500 01	5.4328610 01	1.2397311 02
3.6620001 02	9.5270393 01	7.6435727 01	1.7170612 02
3.6630001 02	1.2344131 02	1.0189057 02	2.2533188 02
3.6640001 02	1.5117954 02	1.2838859 02	2.7956813 02
3.6650001 02	1.7499886 02	1.5284510 02	3.2784396 02
3.6660001 02	1.9086028 02	1.7156636 02	3.6242664 02
3.6670001 02	1.9667475 02	1.8218932 02	3.7886407 02
3.6680001 02	1.9076720 02	1.8263623 02	3.7340343 02
3.6690001 02	1.7483977 02	1.7375218 02	3.4859195 02
3.6700001 02	1.5098811 02	1.5681595 02	3.0780406 02
3.6710001 02	1.2327851 02	1.3516635 02	2.5844486 02
3.6720001 02	9.5143670 01	1.1172843 02	2.0687210 02
3.6730001 02	6.9594165 01	8.9395296 01	1.5898946 02
3.6740001 02	4.8441738 01	7.0034552 01	1.1847629 02
3.6750001 02	3.2212481 01	5.4484973 01	8.6697454 01
3.6770002 02	1.2971835 01	3.4536068 01	4.7507903 01
3.6780002 02	8.1125597 00	2.8859886 01	3.6972446 01
3.6800001 02	3.4906830 00	2.2503365 01	2.5994047 01
3.6820002 02	1.9560771 00	1.9473318 01	2.1429395 01
3.6840002 02	1.4115016 00	1.7710212 01	1.9121713 01
3.6860002 02	1.1788549 00	1.6442144 01	1.7620998 01
3.6880002 02	1.0740520 00	1.5394777 01	1.6468829 01
3.6900001 02	1.0514895 00	1.4449569 01	1.5501058 01
3.6920002 02	1.1135132 00	1.3534908 01	1.4648421 01
3.6950002 02	1.5567921 00	1.2141413 01	1.3698205 01
3.7000001 02	1.0198947 01	1.2636629 01	2.2835576 01
3.7010001 02	1.6387844 01	1.4993289 01	3.1381133 01
3.7020001 02	2.5639578 01	1.9136420 01	4.4775998 01
3.7030001 02	3.8673490 01	2.5695798 01	6.4369288 01
3.7040001 02	5.5710323 01	3.4985836 01	9.0696159 01
3.7050001 02	7.6136263 01	4.7011137 01	1.2314740 02
3.7060001 02	9.8840590 01	6.1265409 01	1.6010600 02
3.7070001 02	1.2079202 02	7.6256709 01	1.9704873 02
3.7080001 02	1.4011569 02	9.0730671 01	2.3084636 02
3.7090001 02	1.5243957 02	1.0201053 02	2.5445010 02
3.7100001 02	1.5744856 02	1.0941711 02	2.6686567 02
3.7110001 02	1.5234952 02	1.1081082 02	2.6316034 02
3.7120001 02	1.3995294 02	1.0737534 02	2.4732828 02
3.7130001 02	1.2057835 02	9.8824750 01	2.1940310 02
3.7140001 02	9.8629027 01	8.7695044 01	1.8632407 02
3.7150000 02	7.5923904 01	7.4944156 01	1.5086806 02
3.7160001 02	5.5550097 01	6.2713793 01	1.1826389 02
3.7170001 02	3.8517429 01	5.1766026 01	9.0283455 01
3.7180001 02	2.5517974 01	4.2878917 01	6.8396891 01
3.7190001 02	1.6253448 01	3.6057073 01	5.2310520 01
3.7200001 02	1.0063314 01	3.1110143 01	4.1173457 01
3.7210001 02	6.1756453 00	2.7651843 01	3.3827488 01
3.7230002 02	2.4956529 00	2.3656268 01	2.6151921 01
3.7250002 02	1.2888634 00	2.1683450 01	2.2972314 01
3.7300001 02	5.8467482-01	1.9423078 01	2.0007753 01
3.7400001 02	2.7398199-01	1.7491952 01	1.7765934 01
3.7500001 02	1.7187698-01	1.6522470 01	1.6694347 01
3.7600001 02	1.2362765-01	1.5912947 01	1.6036574 01

TABLE II (Continued)

T = 0.05 ev

$E_{\text{I}}(\text{ev})$	$\sigma_{\gamma}(\text{barns})$	$\sigma_{\text{S}}(\text{barns})$	$\sigma_{\text{T}}(\text{barns})$
3.7700001 02	9.6407688-02	1.5483924 01	1.5580331 01
3.7800001 02	7.9309819-02	1.5160251 01	1.5239561 01
3.7900000 02	6.7766643-02	1.4904166 01	1.4971932 01
3.8000001 02	5.9562211-02	1.4694341 01	1.4753903 01
3.8100001 02	5.3504207-02	1.4517711 01	1.4571215 01
3.8200001 02	4.8900640-02	1.4365720 01	1.4414620 01
3.8300001 02	4.5326028-02	1.4232518 01	1.4277844 01
3.8400001 02	4.2507132-02	1.4113930 01	1.4156437 01
3.8500001 02	4.0262589-02	1.4006837 01	1.4047100 01
3.8600001 02	3.8469845-02	1.3908866 01	1.3947336 01
3.8700001 02	3.7045672-02	1.3818130 01	1.3855176 01
3.8800001 02	3.5935126-02	1.3733057 01	1.3768992 01
3.8900001 02	3.5105283-02	1.3652293 01	1.3687398 01
3.9000000 02	3.4542500-02	1.3574610 01	1.3609153 01
3.9100001 02	3.4252821-02	1.3498788 01	1.3533041 01
3.9200001 02	3.4266122-02	1.3423560 01	1.3457826 01
3.9300001 02	3.4645638-02	1.3347450 01	1.3382095 01
3.9400001 02	3.5507640-02	1.3268611 01	1.3304118 01
3.9500001 02	3.7061470-02	1.3184510 01	1.3221571 01
3.9600001 02	3.9695891-02	1.3091368 01	1.3131064 01
3.9700001 02	4.4182295-02	1.2983001 01	1.3027183 01
3.9800001 02	5.2218113-02	1.2848245 01	1.2900463 01
3.9900001 02	6.8170300-02	1.2664077 01	1.2732247 01
4.0000001 02	1.0654926-01	1.2372928 01	1.2479477 01
4.0100000 02	2.5784413-01	1.1769533 01	1.2027377 01
4.0150002 02	1.1268506 00	1.1154267 01	1.2281117 01
4.0200001 02	1.2439789 01	1.1904558 01	2.4344347 01
4.0210001 02	1.8373624 01	1.2912824 01	3.1286448 01
4.0220001 02	2.5826174 01	1.4314805 01	4.0140979 01
4.0230000 02	3.5352464 01	1.6465191 01	5.1817655 01
4.0240001 02	4.4248492 01	1.8752985 01	6.3001477 01
4.0250001 02	5.4326865 01	2.1540019 01	7.5866884 01
4.0260001 02	6.2160524 01	2.4378109 01	8.6538633 01
4.0270001 02	6.6725575 01	2.6506924 01	9.3232498 01
4.0280001 02	6.9931882 01	2.8655275 01	9.8587157 01
4.0290001 02	6.6710401 01	2.9390724 01	9.6101125 01
4.0300001 02	6.2070575 01	2.9483746 01	9.1554320 01
4.0310001 02	5.4287177 01	2.8872820 01	8.3159997 01
4.0320001 02	4.4164916 01	2.7206506 01	7.1371421 01
4.0330001 02	3.5285898 01	2.5562978 01	6.0848876 01
4.0340001 02	2.5813279 01	2.3527674 01	4.9340953 01
4.0350001 02	1.8319659 01	2.1630398 01	3.9950057 01
4.0360001 02	1.2450306 01	2.0033665 01	3.2483972 01
4.0370001 02	7.9065805 00	1.8632009 01	2.6538589 01
4.0380001 02	5.0063014 00	1.7596442 01	2.2602743 01
4.0390001 02	3.0210447 00	1.6801160 01	1.9822204 01
4.0400001 02	1.8254705 00	1.6217105 01	1.8042575 01
4.0450002 02	3.0458584-01	1.4922245 01	1.5226831 01
4.0500001 02	1.6239028-01	1.4449662 01	1.4612052 01
4.0600001 02	8.4424200-02	1.3990970 01	1.4075394 01
4.0700001 02	5.7869473-02	1.3749619 01	1.3807488 01
4.0800001 02	4.5509719-02	1.3593191 01	1.3638700 01
4.0900001 02	3.8770598-02	1.3479121 01	1.3517891 01
4.1000001 02	3.4805887-02	1.3388959 01	1.3423765 01
4.1100001 02	3.2685232-02	1.3312580 01	1.3345265 01
4.1200000 02	3.8471774-02	1.3239465 01	1.3277936 01
4.1220002 02	5.3245499-02	1.3222581 01	1.3275826 01
4.1240002 02	9.6352840-02	1.3203870 01	1.3300223 01
4.1250001 02	1.3899974-01	1.3193813 01	1.3332812 01
4.1260001 02	1.9850384-01	1.3184701 01	1.3383204 01
4.1270001 02	2.7127380-01	1.3175127 01	1.3446401 01
4.1280001 02	3.8831159-01	1.3167265 01	1.3555576 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_n (barns)
4.1290001 02	4.9976644-01	1.3164062 01	1.3663829 01
4.1300001 02	6.1413165-01	1.3160131 01	1.3774262 01
4.1320001 02	8.4889871-01	1.3170753 01	1.4019652 01
4.1340001 02	9.7866693-01	1.3187442 01	1.4166109 01
4.1350001 02	9.1037272-01	1.3199969 01	1.4110342 01
4.1360001 02	8.4668039-01	1.3204787 01	1.4051468 01
4.1380001 02	6.1317585-01	1.3216652 01	1.3829828 01
4.1400001 02	3.8713572-01	1.3210911 01	1.3598047 01
4.1410001 02	2.6982401-01	1.3204202 01	1.3474026 01
4.1420001 02	1.9571886-01	1.3195473 01	1.3391192 01
4.1430001 02	1.3755076-01	1.3187357 01	1.3324908 01
4.1440001 02	9.2565470-02	1.3178443 01	1.3271008 01
4.1450001 02	6.7574812-02	1.3169879 01	1.3237454 01
4.1500001 02	3.0309858-02	1.3135434 01	1.3165743 01
4.1600001 02	2.6544574-02	1.3085492 01	1.3112037 01
4.1700001 02	2.5490130-02	1.3043248 01	1.3068738 01
4.1800001 02	2.4851005-02	1.3004578 01	1.3029429 01
4.1900001 02	2.4392381-02	1.2968252 01	1.2992644 01
4.2000001 02	2.4039481-02	1.2933635 01	1.2957675 01
4.2100001 02	2.3758956-02	1.2900338 01	1.2924097 01
4.2200001 02	2.3532717-02	1.2868079 01	1.2891612 01
4.2300000 02	2.3349676-02	1.2836642 01	1.2859991 01
4.2400001 02	2.3202524-02	1.2805841 01	1.2829043 01
4.2500001 02	2.3086225-02	1.2775530 01	1.2798616 01
4.2600001 02	2.2997239-02	1.2745583 01	1.2768580 01
4.2700001 02	2.2933071-02	1.2715870 01	1.2738803 01
4.2800001 02	2.2892013-02	1.2686300 01	1.2709192 01
4.2900001 02	2.2872966-02	1.2656760 01	1.2679633 01
4.3000001 02	2.2875339-02	1.2627161 01	1.2650036 01
4.3100001 02	2.2898986-02	1.2597406 01	1.2620305 01
4.3200001 02	2.2944159-02	1.2567394 01	1.2590338 01
4.3300001 02	2.3011505-02	1.2537028 01	1.2560039 01
4.3400000 02	2.3102072-02	1.2506210 01	1.2529312 01
4.3500001 02	2.3217332-02	1.2474837 01	1.2498054 01
4.3600001 02	2.3359207-02	1.2442788 01	1.2466147 01
4.3700001 02	2.3530166-02	1.2409948 01	1.2433478 01
4.3800001 02	2.3733272-02	1.2376167 01	1.2399900 01
4.3900001 02	2.3972338-02	1.2341307 01	1.2365279 01
4.4000001 02	2.4252063-02	1.2305194 01	1.2329446 01
4.4100001 02	2.4578250-02	1.2267635 01	1.2292213 01
4.4200001 02	2.4958080-02	1.2228409 01	1.2253367 01
4.4300001 02	2.5400496-02	1.2187264 01	1.2212664 01
4.4400001 02	2.5916702-02	1.2143887 01	1.2169804 01
4.4500000 02	2.6520878-02	1.2097940 01	1.2124460 01
4.4600001 02	2.7231190-02	1.2048985 01	1.2076216 01
4.4700001 02	2.8071151-02	1.1996515 01	1.2024586 01
4.4800001 02	2.9071787-02	1.1939896 01	1.1968968 01
4.4900001 02	3.0274786-02	1.1878340 01	1.1908615 01
4.5000001 02	3.1737687-02	1.1810855 01	1.1842593 01
4.5100001 02	3.3542987-02	1.1736135 01	1.1769678 01
4.5200001 02	3.5816302-02	1.1652469 01	1.1688285 01
4.5300001 02	3.8773427-02	1.1557416 01	1.1596189 01
4.5400001 02	4.2913870-02	1.1447168 01	1.1490082 01
4.5500001 02	5.7015439-02	1.1312557 01	1.1369572 01
4.5510001 02	6.4105315-02	1.1296643 01	1.1360748 01
4.5520001 02	7.6473751-02	1.1280031 01	1.1356505 01
4.5530001 02	9.7122661-02	1.1262805 01	1.1359927 01
4.5540001 02	1.2727556-01	1.1245177 01	1.1372452 01
4.5550001 02	1.6718496-01	1.1227133 01	1.1394318 01
4.5560001 02	2.2200918-01	1.1208567 01	1.1430576 01
4.5570001 02	3.0147450-01	1.1190042 01	1.1491517 01
4.5580001 02	4.0810602-01	1.1173224 01	1.1581330 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
4.5590001 02	5.2247309-01	1.1159685 01	1.1682158 01
4.5600000 02	6.1929954-01	1.1148473 01	1.1767772 01
4.5620001 02	7.9363236-01	1.1127816 01	1.1921448 01
4.5640001 02	9.2432692-01	1.1119427 01	1.2043754 01
4.5650001 02	8.8516783-01	1.1117179 01	1.2002346 01
4.5660001 02	7.9722863-01	1.1110207 01	1.1907436 01
4.5680001 02	6.2371449-01	1.1085765 01	1.1709460 01
4.5700001 02	4.1870914-01	1.1054468 01	1.1473177 01
4.5710001 02	3.1412400-01	1.1033500 01	1.1347624 01
4.5720001 02	2.3543435-01	1.1009911 01	1.1245345 01
4.5730000 02	1.8172955-01	1.0985370 01	1.1167099 01
4.5740001 02	1.4395902-01	1.0960536 01	1.1104495 01
4.5750001 02	1.1629144-01	1.0935387 01	1.1051678 01
4.5800001 02	7.8619566-02	1.0805820 01	1.0884439 01
4.5900001 02	9.4504994-02	1.0509902 01	1.0604407 01
4.6000001 02	1.2688404-01	1.0115657 01	1.0242541 01
4.6100001 02	1.8847481-01	9.5454415 00	9.7339163 00
4.6200001 02	3.2838650-01	8.6294789 00	8.9578654 00
4.6300001 02	8.0774528-01	6.8936342 00	7.7013795 00
4.6400001 02	1.7243427 01	1.6845909 01	3.4089336 01
4.6410001 02	2.5599009 01	2.4719943 01	5.0318952 01
4.6420001 02	3.6900156 01	3.6016585 01	7.2916741 01
4.6430001 02	5.1340744 01	5.1169616 01	1.0251036 02
4.6440001 02	6.8661964 01	7.0147416 01	1.3880938 02
4.6450001 02	8.8028051 01	9.2272458 01	1.8030051 02
4.6460001 02	1.0803321 02	1.1617465 02	2.2420786 02
4.6470001 02	1.2682083 02	1.3987334 02	2.6669417 02
4.6480000 02	1.4231215 02	1.6099364 02	3.0330579 02
4.6490001 02	1.5255572 02	1.7713067 02	3.2968639 02
4.6500001 02	1.5612367 02	1.8630667 02	3.4243034 02
4.6510001 02	1.5249420 02	1.8745566 02	3.3994986 02
4.6520001 02	1.4219930 02	1.8068806 02	3.2288736 02
4.6530001 02	1.2667673 02	1.6722158 02	2.9389831 02
4.6540001 02	1.0788167 02	1.4901077 02	2.5689244 02
4.6550001 02	8.7892970 01	1.2831545 02	2.1620842 02
4.6560001 02	6.8557169 01	1.0728656 02	1.7584373 02
4.6570001 02	5.1274053 01	8.7682496 01	1.3895655 02
4.6580001 02	3.6864777 01	7.0672372 01	1.0753715 02
4.6590001 02	2.5586094 01	5.6797932 01	8.2384026 01
4.6600001 02	1.7245604 01	4.6060812 01	6.3306416 01
4.6650002 02	2.3234465 00	2.3708765 01	2.6032211 01
4.6700001 02	8.0662582-01	1.9366990 01	2.0173615 01
4.6800001 02	3.2817703-01	1.6556411 01	1.6884588 01
4.6900001 02	1.8923976-01	1.5319756 01	1.5508996 01
4.7000001 02	1.2840710-01	1.4600341 01	1.4728748 01
4.7100001 02	9.6455102-02	1.4119027 01	1.4215482 01
4.7200001 02	7.7790100-02	1.3766466 01	1.3844256 01
4.7300001 02	6.6157720-02	1.3490432 01	1.3556590 01
4.7400001 02	5.8654310-02	1.3262519 01	1.3321173 01
4.7500001 02	5.3796512-02	1.3065646 01	1.3119442 01
4.7600001 02	5.0782684-02	1.2888624 01	1.2939407 01
4.7700001 02	4.9176032-02	1.2723458 01	1.2772634 01
4.7800001 02	4.8760197-02	1.2563850 01	1.2612610 01
4.7900001 02	4.9475903-02	1.2404291 01	1.2453767 01
4.8000001 02	5.1403904-02	1.2239349 01	1.2290753 01
4.8100001 02	5.4785798-02	1.2062990 01	1.2117775 01
4.8200001 02	6.0093516-02	1.1867723 01	1.1927817 01
4.8300001 02	6.8182809-02	1.1643386 01	1.1711569 01
4.8400001 02	8.0630004-02	1.1374932 01	1.1455562 01
4.8500001 02	1.0051563-01	1.1038284 01	1.1138799 01
4.8600001 02	1.3447468-01	1.0591332 01	1.0725807 01
4.8700001 02	1.9907214-01	9.9519998 00	1.0151072 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
4.880001 02	3.4682595-01	8.9343100 00	9.2811358 00
4.890001 02	8.6599280-01	7.0296897 00	7.8956825 00
4.8950002 02	2.6226473 00	6.2124158 00	8.8350631 00
4.9000001 02	1.8686852 01	1.9866195 01	3.8553047 01
4.9010001 02	2.7213829 01	2.8940081 01	5.6153910 01
4.9020001 02	3.8487766 01	4.1607313 01	8.0095078 01
4.9030000 02	5.2606010 01	5.8212570 01	1.1081858 02
4.9040001 02	6.9260670 01	7.8632080 01	1.4789275 02
4.9050001 02	8.7637634 01	1.0210801 02	1.8974565 02
4.9060001 02	1.0641037 02	1.2718725 02	2.3359762 02
4.9070001 02	1.2385279 02	1.5180674 02	2.7565953 02
4.9080001 02	1.3808883 02	1.7356275 02	3.1165158 02
4.9090001 02	1.4742057 02	1.9010322 02	3.3752379 02
4.9100001 02	1.5065206 02	1.9955536 02	3.5020742 02
4.9110001 02	1.4736209 02	2.0092795 02	3.4829005 02
4.9120001 02	1.3798684 02	1.9428792 02	3.3227476 02
4.9130001 02	1.2372049 02	1.8072720 02	3.0444769 02
4.9140001 02	1.0627122 02	1.6211510 02	2.6838632 02
4.9150001 02	8.7510994 01	1.4069228 02	2.2820328 02
4.9160001 02	6.9157811 01	1.1866346 02	1.8782127 02
4.9170001 02	5.2534857 01	9.7857961 01	1.5039282 02
4.9180001 02	3.8444701 01	7.9520619 01	1.1796532 02
4.9190001 02	2.7194228 01	6.4287917 01	9.1482144 01
4.9200001 02	1.8684113 01	5.2260668 01	7.0944781 01
4.9250002 02	2.6260022 00	2.6134502 01	2.8760504 01
4.9300001 02	8.6296981-01	2.0960031 01	2.1823001 01
4.9400001 02	3.4348834-01	1.7774300 01	1.8117788 01
4.9500001 02	1.9562406-01	1.6398246 01	1.6593870 01
4.9600001 02	1.3070935-01	1.5608663 01	1.5739372 01
4.9700001 02	9.6294868-02	1.5089819 01	1.5186114 01
4.9800001 02	7.5837220-02	1.4718861 01	1.4794698 01
4.9900001 02	6.2703147-02	1.4437596 01	1.4500299 01
5.0000001 02	5.3800092-02	1.4214696 01	1.4268496 01
5.0100001 02	4.7529931-02	1.4031737 01	1.4079267 01
5.0200001 02	4.3003934-02	1.3877038 01	1.3920042 01
5.0300001 02	3.9705470-02	1.3742733 01	1.3782439 01
5.0400000 02	3.7332455-02	1.3623190 01	1.3660523 01
5.0500001 02	3.5724589-02	1.3514010 01	1.3549734 01
5.0700001 02	3.4786538-02	1.3311410 01	1.3346196 01
5.0800001 02	3.5934066-02	1.3209139 01	1.3245073 01
5.0900001 02	3.9343756-02	1.3096375 01	1.3135719 01
5.1000001 02	4.8518959-02	1.2955103 01	1.3003622 01
5.1100001 02	8.5008044-02	1.2725819 01	1.2810827 01
5.1120002 02	1.1514324-01	1.2651961 01	1.2767104 01
5.1150002 02	2.8423443-01	1.2504305 01	1.2788540 01
5.1200001 02	2.6009359 00	1.2217790 01	1.4818725 01
5.1219999 02	5.5134967 00	1.2244901 01	1.7758398 01
5.1240001 02	1.0033719 01	1.2525406 01	2.2559125 01
5.1250001 02	1.2723617 01	1.2790563 01	2.5514180 01
5.1260001 02	1.5464466 01	1.3138766 01	2.8603232 01
5.1280000 02	2.0073118 01	1.4008479 01	3.4081597 01
5.1300001 02	2.1895571 01	1.4881246 01	3.6776817 01
5.1320000 02	2.0060832 01	1.5453922 01	3.5514754 01
5.1340001 02	1.5449501 01	1.5568961 01	3.1018462 01
5.1350001 02	1.2712359 01	1.5469051 01	2.8181410 01
5.1360000 02	1.0027172 01	1.5294982 01	2.5322154 01
5.1380001 02	5.5163223 00	1.4838685 01	2.0355007 01
5.1400001 02	2.6071176 00	1.4392148 01	1.6999265 01
5.1450002 02	2.8431609-01	1.3730908 01	1.4015224 01
5.1500000 02	8.3730684-02	1.3479466 01	1.3563196 01
5.1600001 02	4.6513309-02	1.3251882 01	1.3298395 01
5.1700001 02	3.6694914-02	1.3120035 01	1.3156730 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_y (barns)	σ_S (barns)	σ_M (barns)
5.1800001 02	3.2596320-02	1.3021065 01	1.3053661 01
5.1900001 02	3.0711188-02	1.2936607 01	1.2967319 01
5.2000001 02	2.9975887-02	1.2858591 01	1.2888567 01
5.2100001 02	3.0018546-02	1.2782309 01	1.2812327 01
5.2200001 02	3.0747584-02	1.2704181 01	1.2734929 01
5.2300001 02	3.2246394-02	1.2620660 01	1.2652906 01
5.2400001 02	3.4785663-02	1.2527386 01	1.2562171 01
5.2500001 02	3.8943118-02	1.2418042 01	1.2456985 01
5.2600000 02	4.5941194-02	1.2282207 01	1.2328148 01
5.2700001 02	5.8628425-02	1.2100453 01	1.2159082 01
5.2800001 02	8.4956791-02	1.1830540 01	1.1915497 01
5.2900001 02	1.5606089-01	1.1356286 01	1.1512347 01
5.2950002 02	2.6693108-01	1.0932915 01	1.1199846 01
5.3000001 02	1.0516999 00	1.0323483 01	1.1375183 01
5.3010001 02	1.5985246 00	1.0242033 01	1.1840558 01
5.3020001 02	2.4741856 00	1.0235244 01	1.2709429 01
5.3030000 02	3.8334497 00	1.0360653 01	1.4194103 01
5.3040001 02	5.8671183 00	1.0697095 01	1.6564213 01
5.3050001 02	8.7850725 00	1.1342138 01	2.0127210 01
5.3060001 02	1.2786875 01	1.2403965 01	2.5190840 01
5.3070000 02	1.8013335 01	1.3984185 01	3.1997520 01
5.3080000 02	2.4483505 01	1.6151985 01	4.0635490 01
5.3090001 02	3.2049250 01	1.8919517 01	5.0968767 01
5.3100001 02	4.0330702 01	2.2208918 01	6.2539620 01
5.3110001 02	4.8746325 01	2.5847351 01	7.4593676 01
5.3120000 02	5.6533266 01	2.9566438 01	8.6099704 01
5.3130001 02	6.2871580 01	3.3036395 01	9.5907975 01
5.3140001 02	6.7016235 01	3.5917175 01	1.0293341 02
5.3150001 02	6.8448160 01	3.7918470 01	1.0636663 02
5.3160001 02	6.6981031 01	3.8855998 01	1.0583703 02
5.3170000 02	6.2806718 01	3.8683311 01	1.0149003 02
5.3180001 02	5.6449306 01	3.7493939 01	9.3943244 01
5.3190001 02	4.8649538 01	3.5492705 01	8.4142243 01
5.3200001 02	4.0235801 01	3.2956845 01	7.3192647 01
5.3210000 02	3.1964121 01	3.0173217 01	6.2137337 01
5.3220001 02	2.4421082 01	2.7398554 01	5.1819636 01
5.3230001 02	1.7972073 01	2.4827323 01	4.2799396 01
5.3240001 02	1.2766481 01	2.2580894 01	3.5347375 01
5.3250001 02	8.7806790 00	2.0712665 01	2.9493344 01
5.3300001 02	1.0572975 00	1.6061581 01	1.7118878 01
5.3350001 02	2.6638412-01	1.4874560 01	1.5140944 01
5.3400001 02	1.5523984-01	1.4370202 01	1.4525442 01
5.3500001 02	8.4191122-02	1.3844950 01	1.3929141 01
5.3600001 02	5.7920583-02	1.3556964 01	1.3614884 01
5.3700000 02	4.5359683-02	1.3366840 01	1.3412199 01
5.3800001 02	3.8682061-02	1.3225758 01	1.3264440 01
5.3900001 02	3.5334531-02	1.3110508 01	1.3145843 01
5.4000001 02	3.5049757-02	1.3005291 01	1.3040340 01
5.4100001 02	4.3707204-02	1.2886852 01	1.2930559 01
5.4150001 02	1.1029838-01	1.2797498 01	1.2907796 01
5.4200001 02	8.0968249-01	1.2657225 01	1.3466907 01
5.4220000 02	1.5759290 00	1.2609855 01	1.4185784 01
5.4240001 02	2.7358023 00	1.2614563 01	1.5350365 01
5.4250001 02	3.4522610 00	1.2647587 01	1.6099848 01
5.4260001 02	4.2218566 00	1.2702198 01	1.6924055 01
5.4280001 02	5.6366200 00	1.2857961 01	1.8494581 01
5.4300001 02	6.2455081 00	1.3028514 01	1.9274022 01
5.4320001 02	5.6221190 00	1.3175168 01	1.8797287 01
5.4340001 02	4.2043220 00	1.3276602 01	1.7480924 01
5.4350001 02	3.4392412 00	1.3301801 01	1.6741042 01
5.4360000 02	2.7286249 00	1.3307319 01	1.6035944 01
5.4379999 02	1.5797653 00	1.3267390 01	1.4847155 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
5.4400001 02	8.1444803-01	1.3190842 01	1.4005290 01
5.4450001 02	1.0759373-01	1.3029461 01	1.3137055 01
5.4500001 02	3.9622314-02	1.2946517 01	1.2986139 01
5.4600001 02	2.8359904-02	1.2854965 01	1.2883325 01
5.4700001 02	2.5283595-02	1.2792091 01	1.2817374 01
5.4800000 02	2.3836217-02	1.2740090 01	1.2763926 01
5.5000001 02	2.2547763-02	1.2650373 01	1.2672920 01
5.5100001 02	2.2266094-02	1.2608986 01	1.2631252 01
5.5300001 02	2.2095104-02	1.2528653 01	1.2550748 01
5.5500001 02	2.2328115-02	1.2447790 01	1.2470118 01
5.5800001 02	2.3469997-02	1.2316616 01	1.2340086 01
5.6000001 02	2.4995063-02	1.2215268 01	1.2240263 01
5.6100001 02	2.6121348-02	1.2157654 01	1.2183776 01
5.6200001 02	2.7605032-02	1.2093513 01	1.2121118 01
5.6300001 02	2.9591073-02	1.2020736 01	1.2050327 01
5.6400001 02	3.2311302-02	1.1936327 01	1.1968638 01
5.6500001 02	3.6154843-02	1.1835817 01	1.1871972 01
5.6600001 02	4.1815598-02	1.1712227 01	1.1754042 01
5.6700001 02	5.0633308-02	1.1553935 01	1.1604568 01
5.6800001 02	6.5488418-02	1.1339966 01	1.1405454 01
5.6900001 02	9.3608767-02	1.1027965 01	1.1121574 01
5.7000000 02	1.5829668-01	1.0516373 01	1.0674670 01
5.7100001 02	4.1754705-01	9.4869107 00	9.9044577 00
5.7150002 02	1.7570971 00	8.8751509 00	1.0632248 01
5.7200001 02	1.2933320 01	1.2974698 01	2.5908018 01
5.7210001 02	1.8287467 01	1.5697557 01	3.3985024 01
5.7220000 02	2.5160050 01	1.9468627 01	4.4628677 01
5.7230001 02	3.3465770 01	2.4302203 01	5.7767973 01
5.7240001 02	4.2780460 01	3.0024188 01	7.2804647 01
5.7250001 02	5.2472751 01	3.6357387 01	8.8830138 01
5.7260000 02	6.1954342 01	4.3040277 01	1.0499462 02
5.7270001 02	7.0708730 01	4.9773419 01	1.2048215 02
5.7280001 02	7.8103304 01	5.6076786 01	1.3418009 02
5.7290001 02	8.3203979 01	6.1218150 01	1.4442213 02
5.7300001 02	8.5033086 01	6.4452853 01	1.4948594 02
5.7310000 02	8.3155092 01	6.5416947 01	1.4857204 02
5.7320001 02	7.8027890 01	6.4298028 01	1.4232592 02
5.7329999 02	7.0638843 01	6.1550666 01	1.3218951 02
5.7340001 02	6.1897210 01	5.7568679 01	1.1946589 02
5.7350001 02	5.2430547 01	5.2644123 01	1.0507467 02
5.7360001 02	4.2731453 01	4.7100965 01	8.9832419 01
5.7370001 02	3.3409138 01	4.1412256 01	7.4821394 01
5.7379999 02	2.5113601 01	3.6085871 01	6.1199472 01
5.7390001 02	1.8264612 01	3.1459241 01	4.9723853 01
5.7400001 02	1.2934387 01	2.7641668 01	4.0576055 01
5.7450001 02	1.7626312 00	1.8060670 01	1.9823301 01
5.7500001 02	4.1859207-01	1.5803281 01	1.6221873 01
5.7550002 02	2.3171126-01	1.4951182 01	1.5182893 01
5.7600001 02	1.6011083-01	1.4446047 01	1.4606158 01
5.7700001 02	9.7477932-02	1.3837390 01	1.3934868 01
5.7750000 02	8.2630936-02	1.3630946 01	1.3713577 01
5.7800001 02	7.3647282-02	1.3457887 01	1.3531534 01
5.7850001 02	6.9851254-02	1.3303188 01	1.3373039 01
5.7900001 02	7.6510618-02	1.3150672 01	1.3227183 01
5.7950002 02	1.9352451-01	1.2970631 01	1.3164156 01
5.8000001 02	1.2920697 00	1.2741477 01	1.4033546 01
5.8020001 02	2.4168902 00	1.2697584 01	1.5114474 01
5.8040001 02	4.4494702 00	1.2724970 01	1.7174440 01
5.8050001 02	5.4075399 00	1.2744574 01	1.8152114 01
5.8060001 02	6.1018140 00	1.2802461 01	1.8904275 01
5.8079999 02	7.5852882 00	1.3095447 01	2.0680735 01
5.8090001 02	8.4664389 00	1.3254132 01	2.1720571 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_y (barns)	σ_g (barns)	σ_T (barns)
5.810000 02	8.8710332 00	1.3357339 01	2.2228872 01
5.8110001 02	8.4462141 00	1.3434548 01	2.1880762 01
5.8120001 02	7.5651220 00	1.3536105 01	2.1101227 01
5.8140001 02	6.1095489 00	1.3731231 01	1.9840780 01
5.8150001 02	5.4109335 00	1.3741476 01	1.9152409 01
5.8160001 02	4.4314695 00	1.3697300 01	1.8128769 01
5.8180000 02	2.3984485 00	1.3597024 01	1.5995472 01
5.8200001 02	1.2935279 00	1.3485066 01	1.4778593 01
5.8210001 02	9.2299840-01	1.3417118 01	1.4340117 01
5.8220000 02	6.1412833-01	1.3353451 01	1.3967579 01
5.8230000 02	3.9208259-01	1.3299560 01	1.3691643 01
5.8240001 02	2.5619131-01	1.3253700 01	1.3509891 01
5.8250001 02	1.7690984-01	1.3213357 01	1.3390267 01
5.8260001 02	1.2802315-01	1.3177601 01	1.3305624 01
5.8270000 02	9.5920338-02	1.3146148 01	1.3242069 01
5.8280001 02	7.5400580-02	1.3118571 01	1.3193971 01
5.8290001 02	6.3225293-02	1.3094092 01	1.3157317 01
5.8300001 02	5.6010176-02	1.3072000 01	1.3128010 01
5.8400001 02	3.6561913-02	1.2917036 01	1.2953598 01
5.8500001 02	3.1165452-02	1.2812607 01	1.2843772 01
5.8600001 02	2.8459643-02	1.2728686 01	1.2757146 01
5.8700001 02	2.6888515-02	1.2655866 01	1.2682754 01
5.8800001 02	2.5948705-02	1.2589620 01	1.2615569 01
5.8900001 02	2.5437211-02	1.2527189 01	1.2552626 01
5.9000001 02	2.5271220-02	1.2466567 01	1.2491838 01
5.9100001 02	2.5433724-02	1.2405979 01	1.2431412 01
5.9200001 02	2.5960652-02	1.2343654 01	1.2369614 01
5.9300001 02	2.6950890-02	1.2277450 01	1.2304401 01
5.9400001 02	2.8603479-02	1.2204527 01	1.2233130 01
5.9500001 02	3.1308465-02	1.2120580 01	1.2151888 01
5.9600001 02	3.5875509-02	1.2018414 01	1.2054290 01
5.9700001 02	4.4190085-02	1.1884475 01	1.1928665 01
5.9800001 02	6.1559570-02	1.1689035 01	1.1750594 01
5.9900001 02	1.0961117-01	1.1348441 01	1.1458052 01
6.0000001 02	9.6324283-01	1.0610051 01	1.1573294 01
6.0010001 02	1.4978294 00	1.0558620 01	1.2056449 01
6.0019999 02	2.2891003 00	1.0543203 01	1.2632303 01
6.0030000 02	3.3761231 00	1.0585324 01	1.3961447 01
6.0040001 02	4.9509661 00	1.0759783 01	1.5710749 01
6.0050001 02	7.3096335 00	1.1149444 01	1.8459078 01
6.0060001 02	1.0444012 01	1.1734505 01	2.2178517 01
6.0070000 02	1.3933372 01	1.2447672 01	2.6381044 01
6.0080000 02	1.7834225 01	1.3425148 01	3.1259373 01
6.0090001 02	2.2820720 01	1.4881328 01	3.7702048 01
6.0100001 02	2.8762824 01	1.6670994 01	4.5433818 01
6.0110001 02	3.3966009 01	1.8315282 01	5.2281291 01
6.0120000 02	3.7949168 01	2.0012918 01	5.7962086 01
6.0130001 02	4.0702409 01	2.1518569 01	6.2220978 01
6.0140001 02	4.4173024 01	2.3392068 01	6.7565091 01
6.0150001 02	4.5889736 01	2.4623595 01	7.0513331 01
6.0160000 02	4.4117121 01	2.4925461 01	6.9042582 01
6.0170000 02	4.0662933 01	2.4948364 01	6.5611297 01
6.0180001 02	3.7516635 01	2.4974561 01	6.2491196 01
6.0190001 02	3.3960267 01	2.4535774 01	5.8496041 01
6.0200001 02	2.8691843 01	2.3373164 01	5.2065007 01
6.0210000 02	2.2749786 01	2.1985160 01	4.4734946 01
6.0220001 02	1.7830436 01	2.0787657 01	3.8618093 01
6.0229999 02	1.3958839 01	1.9675082 01	3.3633922 01
6.0240001 02	1.0432648 01	1.8504688 01	2.8937336 01
6.0250001 02	7.2784657 00	1.7409591 01	2.4688057 01
6.0270002 02	3.4112607 00	1.5876426 01	1.9287687 01
6.0300001 02	9.6218831-01	1.4558058 01	1.5520246 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.0400001 02	1.0914714-01	1.3362585 01	1.3471732 01
6.0500001 02	6.1080739-02	1.2996994 01	1.3058074 01
6.0600001 02	4.3686844-02	1.2793252 01	1.2836938 01
6.0700001 02	3.5329655-02	1.2656118 01	1.2691448 01
6.0800001 02	3.0710582-02	1.2553025 01	1.2583735 01
6.0900001 02	2.7949940-02	1.2469394 01	1.2497344 01
6.1000001 02	2.6244442-02	1.2397587 01	1.2423831 01
6.1100001 02	2.5213303-02	1.2333034 01	1.2358247 01
6.1200001 02	2.4673010-02	1.2272650 01	1.2297323 01
6.1300001 02	2.4552956-02	1.2214053 01	1.2238606 01
6.1400001 02	2.4871495-02	1.2154986 01	1.2179857 01
6.1500001 02	2.5756096-02	1.2092856 01	1.2118612 01
6.1600001 02	2.7533414-02	1.2023963 01	1.2051497 01
6.1700001 02	3.1012303-02	1.1941860 01	1.1972872 01
6.1800001 02	3.8516985-02	1.1832797 01	1.1871314 01
6.1900001 02	5.9732289-02	1.1658047 01	1.1717779 01
6.2000001 02	5.1200661-01	1.1259965 01	1.1771972 01
6.2010000 02	7.7855572-01	1.1203121 01	1.1981677 01
6.2020001 02	1.1850851 00	1.1151498 01	1.2336583 01
6.2030001 02	1.7764874 00	1.1112440 01	1.2888927 01
6.2040001 02	2.6149285 00	1.1096666 01	1.3711594 01
6.2050001 02	3.7425379 00	1.1117349 01	1.4859886 01
6.2060000 02	5.2103088 00	1.1188651 01	1.6398959 01
6.2070001 02	7.0203664 00	1.1327294 01	1.8347660 01
6.2079999 02	9.1546202 00	1.1541437 01	2.0696057 01
6.2090001 02	1.1541249 01	1.1844556 01	2.3385805 01
6.2100001 02	1.4037530 01	1.2224524 01	2.6262054 01
6.2120001 02	1.8693702 01	1.3179431 01	3.1873133 01
6.2140001 02	2.1578827 01	1.4192656 01	3.5771483 01
6.2150000 02	2.2005542 01	1.4633463 01	3.6639005 01
6.2155001 02	2.1882987 01	1.4813316 01	3.6696303 01
6.2160001 02	2.1572174 01	1.4972789 01	3.6544963 01
6.2165001 02	2.1115444 01	1.5106526 01	3.6221970 01
6.2170001 02	2.0467167 01	1.5203074 01	3.5670241 01
6.2175001 02	1.9629878 01	1.5266435 01	3.4896313 01
6.2179999 02	1.8679071 01	1.5304774 01	3.3983845 01
6.2185000 02	1.7640473 01	1.5312466 01	3.2952939 01
6.2190001 02	1.6489946 01	1.5285530 01	3.1775476 01
6.2195000 02	1.5260229 01	1.5233428 01	3.0493657 01
6.2200001 02	1.4021294 01	1.5161999 01	2.9183293 01
6.2219999 02	9.1456718 00	1.4695511 01	2.3841183 01
6.2240001 02	5.2071720 00	1.4120332 01	1.9327504 01
6.2250001 02	3.7401230 00	1.3846425 01	1.7586548 01
6.2300001 02	5.1332596-01	1.2944600 01	1.3457926 01
6.2350002 02	1.0348975-01	1.2602149 01	1.2705639 01
6.2400001 02	5.9434616-02	1.2440564 01	1.2499999 01
6.2500001 02	3.8146353-02	1.2261742 01	1.2299888 01
6.2600001 02	3.0540249-02	1.2152309 01	1.2182849 01
6.2700001 02	2.6914605-02	1.2071433 01	1.2098348 01
6.2800001 02	2.4932339-02	1.2005067 01	1.2029999 01
6.2900000 02	2.3764062-02	1.1946919 01	1.1970683 01
6.3000001 02	2.3051883-02	1.1893692 01	1.1916744 01
6.3100001 02	2.2620503-02	1.1843455 01	1.1866076 01
6.3200001 02	2.2376177-02	1.1794989 01	1.1817365 01
6.3300001 02	2.2265598-02	1.1747449 01	1.1769714 01
6.3400001 02	2.2257270-02	1.1700210 01	1.1722468 01
6.3500001 02	2.2332352-02	1.1652795 01	1.1675127 01
6.3600001 02	2.2479859-02	1.1604795 01	1.1627275 01
6.3700001 02	2.2694053-02	1.1555842 01	1.1578536 01
6.3800001 02	2.2973035-02	1.1505607 01	1.1528580 01
6.3900001 02	2.3317967-02	1.1453751 01	1.1477069 01
6.4000000 02	2.3732819-02	1.1399925 01	1.1423658 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_y (barns)	σ_S (barns)	σ_n (barns)
6.4100001 02	2.4224339-02	1.1343772 01	1.1367996 01
6.4200001 02	2.4802386-02	1.1284864 01	1.1309667 01
6.4300001 02	2.5480603-02	1.1222750 01	1.1248231 01
6.4400001 02	2.6277369-02	1.1156877 01	1.1183154 01
6.4500001 02	2.7217501-02	1.1086604 01	1.1113822 01
6.4600001 02	2.8334633-02	1.1011144 01	1.1039479 01
6.4700001 02	2.9675040-02	1.0929516 01	1.0959191 01
6.4800001 02	3.1303777-02	1.0840480 01	1.0871784 01
6.4900001 02	3.3314404-02	1.0742417 01	1.0775731 01
6.5000001 02	3.5846047-02	1.0633167 01	1.0669013 01
6.5100000 02	3.9113253-02	1.0509748 01	1.0548861 01
6.5200001 02	4.3462754-02	1.0367889 01	1.0411351 01
6.5300001 02	4.9487278-02	1.0201200 01	1.0250687 01
6.5400001 02	5.8276638-02	9.9995795 00	1.0057856 01
6.5500001 02	7.2033855-02	9.7458341 00	9.8178679 00
6.5600001 02	9.5840274-02	9.4078123 00	9.5036525 00
6.5700001 02	1.4402214-01	8.9163566 00	9.0603787 00
6.5800001 02	2.7712524-01	8.0857294 00	8.3628546 00
6.5850001 02	5.4374605-01	7.4204409 00	7.9641869 00
6.5900001 02	2.5372069 00	7.3200968 00	9.8573038 00
6.5910001 02	3.7275643 00	7.7624937 00	1.1490058 01
6.5919999 02	5.4148409 00	8.5451051 00	1.3959946 01
6.5930000 02	7.8675786 00	9.8955505 00	1.7763129 01
6.5940001 02	1.1188735 01	1.1893560 01	2.3082295 01
6.5950001 02	1.5421200 01	1.4653589 01	3.0074789 01
6.5960001 02	2.1012902 01	1.8569395 01	3.9582297 01
6.5970000 02	2.7596868 01	2.3360586 01	5.0957454 01
6.5980000 02	3.4995608 01	2.9087081 01	6.4082689 01
6.5990001 02	4.3675799 01	3.6098086 01	7.9773885 01
6.6000001 02	5.2132115 01	4.3203157 01	9.5335272 01
6.6020000 02	6.8245967 01	5.8165273 01	1.2641124 02
6.6030001 02	7.3658263 01	6.3985096 01	1.3764336 02
6.6040001 02	7.7312581 01	6.8893847 01	1.4620643 02
6.6050001 02	7.9243973 01	7.2399227 01	1.5164320 02
6.6060000 02	7.7273146 01	7.2850174 01	1.5012332 02
6.6070001 02	7.3635808 01	7.2040252 01	1.4567606 02
6.6080001 02	6.8186240 01	6.9338949 01	1.3752519 02
6.6100001 02	5.2091319 01	5.9049511 01	1.1114083 02
6.6120001 02	3.4954593 01	4.6297364 01	8.1251956 01
6.6140001 02	2.0988915 01	3.4897951 01	5.5866866 01
6.6150001 02	1.5421716 01	3.0067716 01	4.5489432 01
6.6180002 02	5.4502493 00	2.0503523 01	2.5953772 01
6.6200000 02	2.5518600 00	1.7192639 01	1.9744499 01
6.6250001 02	5.6057743-01	1.3932912 01	1.4493489 01
6.6300001 02	2.9812334-01	1.2803179 01	1.3101303 01
6.6400001 02	1.7839807-01	1.1628472 01	1.1806870 01
6.6500001 02	1.5175168-01	1.0843976 01	1.0995727 01
6.6600001 02	1.7221741-01	1.0104888 01	1.0277106 01
6.6700001 02	3.6526255-01	9.1171444 00	9.4824069 00
6.6750002 02	1.6708500 00	8.6290470 00	1.0299897 01
6.6800001 02	1.0280784 01	1.0582562 01	2.0863346 01
6.6820001 02	1.8756769 01	1.3632090 01	3.2388859 01
6.6840001 02	2.9307020 01	1.8116976 01	4.7423996 01
6.6850001 02	3.5243020 01	2.0708106 01	5.5951126 01
6.6860000 02	3.9812559 01	2.3187796 01	6.3000355 01
6.6879999 02	4.9303415 01	2.8531301 01	7.7834716 01
6.6890001 02	5.1299873 01	3.0588758 01	8.1888631 01
6.6900001 02	5.3755553 01	3.2573005 01	8.6328558 01
6.6910001 02	5.1254245 01	3.2497986 01	8.3752231 01
6.6920001 02	4.9317222 01	3.2910082 01	8.2227304 01
6.6940001 02	3.9765142 01	3.0313220 01	7.0078361 01
6.6950001 02	3.5244894 01	2.8989752 01	6.4234646 01

TABLE II (Continued)

T = 0.05 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_g(\text{barns})$	$\sigma_T(\text{barns})$
6.6960001 02	2.9234744 01	2.6597894 01	5.5832638 01
6.6980000 02	1.8757183 01	2.2303931 01	4.1061114 01
6.7000001 02	1.0309439 01	1.8296300 01	2.8605739 01
6.7050001 02	1.6886855 00	1.3039606 01	1.4728292 01
6.7100001 02	3.8438057-01	1.1427518 01	1.1811898 01
6.7200001 02	2.0142273-01	1.0179764 01	1.0381187 01
6.7300000 02	1.9126570-01	9.2905018 00	9.4817675 00
6.7400001 02	2.2219175-01	8.3902961 00	8.6124878 00
6.7500001 02	2.9906232-01	7.3143847 00	7.6134470 00
6.7600001 02	4.7226160-01	5.8686656 00	6.3409272 00
6.7700001 02	9.7117780-01	3.7789257 00	7.501035 00
6.7800001 02	6.2899521 00	1.0236571 01	1.6526523 01
6.7810001 02	8.5482390 00	1.5391635 01	2.3939874 01
6.7820000 02	1.1669948 01	2.3067122 01	3.4737070 01
6.7830001 02	1.5881040 01	3.4026830 01	4.9907870 01
6.7840001 02	2.1400258 01	4.9055557 01	7.0455815 01
6.7850001 02	2.8404767 01	6.8857763 01	9.7262530 01
6.7860001 02	3.6982561 01	9.3908078 01	1.3089064 02
6.7870000 02	4.7085283 01	1.2429584 02	1.7138112 02
6.7880001 02	5.8486507 01	1.5957304 02	2.1805954 02
6.7890001 02	7.0752850 01	1.9863466 02	2.6938751 02
6.7900001 02	8.3256590 01	2.3971742 02	3.2297401 02
6.7910000 02	9.5208776 01	2.8046954 02	3.7567832 02
6.7920001 02	1.0573625 02	3.1815153 02	4.2388778 02
6.7940001 02	1.1925591 02	3.7340109 02	4.9265700 02
6.7950001 02	1.2105600 02	3.8656879 02	5.0762479 02
6.7960000 02	1.1922182 02	3.8848594 02	5.0770775 02
6.7979999 02	1.0564983 02	3.5987182 02	4.6552165 02
6.8000001 02	8.3158119 01	2.9910163 02	3.8225975 02
6.8010001 02	7.0662409 01	2.6280390 02	3.3346631 02
6.8020001 02	5.8410711 01	2.2597673 02	2.8438744 02
6.8029999 02	4.7026417 01	1.9073087 02	2.3775729 02
6.8040001 02	3.6942098 01	1.5864066 02	1.9558276 02
6.8050001 02	2.8379428 01	1.3064411 02	1.5902354 02
6.8100001 02	6.2942048 00	5.2482567 01	5.8776772 01
6.8150001 02	1.8495913 00	3.2210763 01	3.4060355 01
6.8200001 02	9.6923073-01	2.5986752 01	2.6955983 01
6.8300001 02	4.7075365-01	2.0781595 01	2.1252348 01
6.8400000 02	2.9740609-01	1.8221664 01	1.8519070 01
6.8500001 02	2.1886336-01	1.6606205 01	1.6825068 01
6.8600001 02	1.8215374-01	1.5415030 01	1.5597184 01
6.8700001 02	1.7180170-01	1.4408613 01	1.4580414 01
6.8800001 02	1.8917739-01	1.3420868 01	1.3610046 01
6.8900001 02	2.6233305-01	1.2242309 01	1.2504642 01
6.9000001 02	6.8934147-01	1.0431745 01	1.1121087 01
6.9100001 02	1.7404746 01	2.0262240 01	3.7666986 01
6.9120001 02	2.9986506 01	3.1325134 01	6.1311640 01
6.9140001 02	4.6162028 01	4.7050854 01	9.3212881 01
6.9150000 02	5.5168044 01	5.6484246 01	1.1165229 02
6.9160001 02	6.3210958 01	6.5438712 01	1.2864967 02
6.9180000 02	7.6621984 01	8.2313355 01	1.5893534 02
6.9190001 02	7.9985440 01	8.8189069 01	1.6817451 02
6.9200001 02	8.1755478 01	9.2582121 01	1.7433760 02
6.9210001 02	7.9956950 01	9.3558398 01	1.7351535 02
6.9219999 02	7.6589257 01	9.2976651 01	1.6956591 02
6.9240001 02	6.3155354 01	8.4120945 01	1.4727630 02
6.9250001 02	5.5096596 01	7.7636883 01	1.3273348 02
6.9260001 02	4.6098827 01	6.9820243 01	1.1591907 02
6.9280000 02	2.9935828 01	5.4552817 01	8.4488645 01
6.9300001 02	1.7379082 01	4.1530069 01	5.8909151 01
6.9320002 02	9.1001559 00	3.2081515 01	4.1181671 01
6.9350002 02	3.0890883 00	2.4112542 01	2.7201631 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.9400001 02	6.7113387-01	1.9418367 01	2.0089501 01
6.9500000 02	2.3176870-01	1.6924351 01	1.7156120 01
6.9600001 02	1.4458693-01	1.5817427 01	1.5962014 01
6.9700001 02	1.0916675-01	1.5107266 01	1.5215432 01
6.9800001 02	9.0741312-02	1.4572036 01	1.4662777 01
6.9900001 02	8.3399303-02	1.4119339 01	1.4202738 01
7.0000001 02	8.4038221-02	1.3693698 01	1.3777736 01
7.0100001 02	9.5296535-02	1.3242136 01	1.3337433 01
7.0200001 02	1.3099599-01	1.2675238 01	1.2806234 01
7.0300001 02	3.5397824-01	1.1741612 01	1.2095590 01
7.0350001 02	1.8271823 00	1.1272116 01	1.3099299 01
7.0380002 02	5.5897721 00	1.1906694 01	1.7496466 01
7.0400001 02	1.0765504 01	1.3485276 01	2.4250780 01
7.0420000 02	1.8680030 01	1.6512237 01	3.5192267 01
7.0440001 02	2.8848653 01	2.1096491 01	4.9945144 01
7.0450001 02	3.4255591 01	2.3833222 01	5.8088813 01
7.0460000 02	3.9442450 01	2.6700339 01	6.6142790 01
7.0480001 02	4.7628373 01	3.2109570 01	7.9737943 01
7.0490001 02	4.9934549 01	3.4270028 01	8.4204777 01
7.0500001 02	5.0723753 01	3.5838844 01	8.6562597 01
7.0510000 02	4.9921269 01	3.6705967 01	8.6627236 01
7.0520001 02	4.7604288 01	3.6827749 01	8.4432038 01
7.0540001 02	3.9402169 01	3.5011588 01	7.4413757 01
7.0550001 02	3.4215980 01	3.3305448 01	6.7521427 01
7.0560001 02	2.8812942 01	3.1277094 01	6.0090036 01
7.0579999 02	1.8658746 01	2.6904063 01	4.5562809 01
7.0600000 02	1.0757517 01	2.2962885 01	3.3720402 01
7.0620002 02	5.5884775 00	1.9985676 01	2.5574154 01
7.0650001 02	1.8281145 00	1.7310777 01	1.9138891 01
7.0680002 02	6.1376547-01	1.6026676 01	1.6640541 01
7.0700001 02	3.5095192-01	1.5551811 01	1.5902763 01
7.0800001 02	1.2513303-01	1.4449794 01	1.4574927 01
7.0900001 02	8.7295719-02	1.3893665 01	1.3980961 01
7.1000001 02	7.3518958-02	1.3490231 01	1.3563750 01
7.1100001 02	6.9827237-02	1.3141367 01	1.3211194 01
7.1200001 02	7.3383840-02	1.2797131 01	1.2870515 01
7.1300001 02	8.6155784-02	1.2412395 01	1.2498551 01
7.1400001 02	1.1794082-01	1.1915769 01	1.2033710 01
7.1500001 02	2.1615105-01	1.1127798 01	1.1343949 01
7.1550002 02	4.5959557-01	1.0499119 01	1.0958715 01
7.1600001 02	2.3711896 00	1.0221982 01	1.2593172 01
7.1610000 02	3.4273274 00	1.0463649 01	1.3890976 01
7.1620001 02	5.0216654 00	1.0992115 01	1.6013781 01
7.1629999 02	7.0111324 00	1.1753533 01	1.8764665 01
7.1640001 02	9.9580139 00	1.3106851 01	2.3064865 01
7.1650001 02	1.3301942 01	1.4724405 01	2.8026347 01
7.1660001 02	1.7949541 01	1.7279917 01	3.5229458 01
7.1670001 02	2.2861986 01	2.0033197 01	4.2895183 01
7.1679999 02	2.8947721 01	2.3862423 01	5.2810144 01
7.1690001 02	3.5157545 01	2.7778674 01	6.2936219 01
7.1700001 02	4.1497451 01	3.2350117 01	7.3847568 01
7.1720001 02	5.2767560 01	4.1185671 01	9.3953230 01
7.1740001 02	5.9490765 01	4.8158945 01	1.0764971 02
7.1750001 02	6.1756383 01	5.1147756 01	1.1290414 02
7.1760001 02	5.9467619 01	5.1335661 01	1.1080328 02
7.1770001 02	5.7966155 01	5.2029265 01	1.0999542 02
7.1780000 02	5.2705863 01	4.9983877 01	1.0268974 02
7.1800001 02	4.1421506 01	4.4895539 01	8.6317045 01
7.1820000 02	2.8882270 01	3.7896414 01	6.6778684 01
7.1840001 02	1.7913655 01	3.0922574 01	4.8836229 01
7.1850001 02	1.3302574 01	2.7772843 01	4.1075416 01
7.1900001 02	2.3886204 00	1.8802885 01	2.1191505 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
7.1950002 02	4.5780879-01	1.6160222 01	1.6618031 01
7.2000001 02	2.1255084-01	1.5238595 01	1.5451146 01
7.2100001 02	1.1266907-01	1.4352727 01	1.4465396 01
7.2200001 02	7.8666332-02	1.3851817 01	1.3930483 01
7.2300001 02	6.2656129-02	1.3502150 01	1.3564806 01
7.2400001 02	5.4047090-02	1.3227740 01	1.3281787 01
7.2500001 02	4.9144899-02	1.2995006 01	1.3044151 01
7.2600001 02	4.6380595-02	1.2786267 01	1.2832647 01
7.2700001 02	4.5006970-02	1.2590913 01	1.2635920 01
7.2800001 02	4.4649146-02	1.2401798 01	1.2446447 01
7.2900001 02	4.5125231-02	1.2213538 01	1.2258663 01
7.3000001 02	4.6369190-02	1.2021586 01	1.2067955 01
7.3100001 02	4.8398496-02	1.1821671 01	1.1870069 01
7.3200001 02	5.1305833-02	1.1609360 01	1.1660665 01
7.3300001 02	5.5267584-02	1.1379643 01	1.1434911 01
7.3400001 02	6.0570277-02	1.1126506 01	1.1187076 01
7.3500001 02	6.7662347-02	1.0842338 01	1.0910000 01
7.3600001 02	7.7249700-02	1.0517016 01	1.0594266 01
7.3700001 02	9.0474483-02	1.0136593 01	1.0227067 01
7.3800001 02	1.0926660-01	9.6810601 00	9.7903266 00
7.3900001 02	1.3709085-01	9.1204523 00	9.2575431 00
7.4000001 02	1.8068004-01	8.4078110 00	8.5884910 00
7.4100001 02	2.5465666-01	7.4656041 00	7.7202607 00
7.4200001 02	3.9633877-01	6.1601635 00	6.5565023 00
7.4300001 02	7.3127494-01	4.2761913 00	5.0074663 00
7.4350001 02	1.1305248 00	3.1302236 00	4.2607484 00
7.4400001 02	2.2602771 00	3.0919202 00	5.3521973 00
7.4450002 02	7.5633011 00	1.5849525 01	2.3412826 01
7.4500001 02	2.9832708 01	9.2900172 01	1.2273288 02
7.4510000 02	3.7792104 01	1.2298677 02	1.6077887 02
7.4520001 02	4.6911712 01	1.5844761 02	2.0535932 02
7.4530001 02	5.6950836 01	1.9858580 02	2.5553663 02
7.4540001 02	6.7520963 01	2.4209054 02	3.0961150 02
7.4550001 02	7.8094487 01	2.8703469 02	3.6512917 02
7.4560000 02	8.8046126 01	3.3100576 02	4.1905188 02
7.4570001 02	9.6700862 01	3.7126866 02	4.6796952 02
7.4579999 02	1.0342480 02	4.0512106 02	5.0854585 02
7.4590001 02	1.0768594 02	4.3013575 02	5.3782169 02
7.4600001 02	1.0913653 02	4.4451890 02	5.5365543 02
7.4610001 02	1.0765776 02	4.4732444 02	5.5498220 02
7.4620001 02	1.0337089 02	4.3856348 02	5.4193437 02
7.4629999 02	9.6629028 01	4.1920850 02	5.1583752 02
7.4640001 02	8.7963614 01	3.9103561 02	4.7899922 02
7.4650000 02	7.8009533 01	3.5635651 02	4.3436604 02
7.4660001 02	6.7439700 01	3.1776212 02	3.8520182 02
7.4670001 02	5.6881112 01	2.7778942 02	3.3467053 02
7.4679999 02	4.6853756 01	2.3864989 02	2.8550365 02
7.4690001 02	3.7749368 01	2.0211457 02	2.3986394 02
7.4700001 02	2.9802830 01	1.6936554 02	1.9916837 02
7.4719999 02	1.7668237 01	1.1733590 02	1.3500414 02
7.4740001 02	1.0052934 01	8.2626937 01	9.2679871 01
7.4750001 02	7.5650451 00	7.0608842 01	7.8173887 01
7.4760001 02	5.7321684 00	6.1348185 01	6.7080354 01
7.4780000 02	3.4433821 00	4.8853465 01	5.2296847 01
7.4800001 02	2.2591740 00	4.1465359 01	4.3724533 01
7.4900001 02	7.2813011-01	2.8196149 01	2.8924279 01
7.5000001 02	3.9348091-01	2.3671496 01	2.4064976 01
7.5100001 02	2.5190212-01	2.1252778 01	2.1504680 01
7.5200001 02	1.7789466-01	1.9732977 01	1.9910872 01
7.5300001 02	1.3418461-01	1.8683894 01	1.8818079 01
7.5400000 02	1.0617164-01	1.7912697 01	1.8018869 01
7.5500001 02	8.7130225-02	1.7319407 01	1.7406537 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
7.5600001 02	7.3597704-02	1.6846864 01	1.6920461 01
7.5700001 02	6.3639090-02	1.6460006 01	1.6523645 01
7.5800001 02	5.6104126-02	1.6136111 01	1.6192215 01
7.5900001 02	5.0272800-02	1.5859782 01	1.5910055 01
7.6000001 02	4.5676202-02	1.5620208 01	1.5665884 01
7.6100001 02	4.1998428-02	1.5409553 01	1.5451552 01
7.6300001 02	3.6587654-02	1.5053130 01	1.5089718 01
7.6400001 02	3.4587740-02	1.4899471 01	1.4934059 01
7.6500000 02	3.2939169-02	1.4758289 01	1.4791228 01
7.6600001 02	3.1582119-02	1.4627358 01	1.4658940 01
7.6700001 02	3.0472967-02	1.4504827 01	1.4535299 01
7.6800001 02	2.9580968-02	1.4389110 01	1.4418691 01
7.6900001 02	2.8886177-02	1.4278819 01	1.4307705 01
7.7000001 02	2.8378735-02	1.4172675 01	1.4201054 01
7.7100001 02	2.8059442-02	1.4069456 01	1.4097516 01
7.7200001 02	2.7942051-02	1.3967887 01	1.3995829 01
7.7300001 02	2.8058492-02	1.3866602 01	1.3894660 01
7.7400001 02	2.8469108-02	1.3763944 01	1.3792413 01
7.7500001 02	2.9283600-02	1.3657755 01	1.3687039 01
7.7600000 02	3.0705854-02	1.3544979 01	1.3575685 01
7.7700001 02	3.3139049-02	1.3420767 01	1.3453906 01
7.7800001 02	3.7465987-02	1.3276612 01	1.3314078 01
7.7900001 02	4.5956321-02	1.3095279 01	1.3141235 01
7.8000001 02	6.6390060-02	1.2833844 01	1.2900234 01
7.8100001 02	2.2524874-01	1.2346454 01	1.2571703 01
7.8150002 02	1.3037742 00	1.2020082 01	1.3323856 01
7.8200001 02	6.8740239 00	1.2544457 01	1.9418481 01
7.8220001 02	1.1391391 01	1.3461635 01	2.4853026 01
7.8240001 02	1.6914744 01	1.4905471 01	3.1820215 01
7.8250001 02	1.9762081 01	1.5793597 01	3.5555678 01
7.8260000 02	2.2454597 01	1.6750469 01	3.9205067 01
7.8279999 02	2.6668801 01	1.8666748 01	4.5336449 01
7.8290001 02	2.7853836 01	1.9506191 01	4.7360027 01
7.8300001 02	2.8259329 01	2.0187467 01	4.8446796 01
7.8310001 02	2.7845556 01	2.0670408 01	4.8515964 01
7.8320001 02	2.6653006 01	2.0933104 01	4.7586110 01
7.8340001 02	2.2435616 01	2.0808874 01	4.3244490 01
7.8350001 02	1.9744099 01	2.0461811 01	4.0205910 01
7.8360001 02	1.6898604 01	1.9971162 01	3.6869766 01
7.8380000 02	1.1379271 01	1.8741469 01	3.0120739 01
7.8400001 02	6.8680367 00	1.7473848 01	2.4341885 01
7.8450001 02	1.3064878 00	1.5304259 01	1.6610747 01
7.8500001 02	2.2661071-01	1.4454348 01	1.4680959 01
7.8600001 02	6.7348211-02	1.3884688 01	1.3952036 01
7.8700000 02	4.7355651-02	1.3605881 01	1.3653237 01
7.8800001 02	3.9344818-02	1.3410429 01	1.3449774 01
7.8900001 02	3.5551612-02	1.3251351 01	1.3286903 01
7.9000001 02	3.3728293-02	1.3109931 01	1.3143659 01
7.9100001 02	3.3017432-02	1.2976733 01	1.3009750 01
7.9200001 02	3.3047538-02	1.2846054 01	1.2879101 01
7.9300001 02	3.3655572-02	1.2713893 01	1.2747549 01
7.9400001 02	3.4786046-02	1.2576946 01	1.2611732 01
7.9500001 02	3.6452163-02	1.2432106 01	1.2468558 01
7.9600001 02	3.8724202-02	1.2276077 01	1.2314801 01
7.9700001 02	4.1733589-02	1.2105070 01	1.2146803 01
7.9800000 02	4.5691272-02	1.1914406 01	1.1960097 01
7.9900001 02	5.0925157-02	1.1698047 01	1.1748972 01
8.0000001 02	5.7949192-02	1.1447839 01	1.1505788 01
8.0100001 02	6.7593164-02	1.1152356 01	1.1219949 01
8.0200001 02	8.1260026-02	1.0794916 01	1.0876176 01
8.0300001 02	1.0146767-01	1.0350030 01	1.0451498 01
8.0400001 02	1.3312126-01	9.7766664 00	9.9097877 00

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_g (barns)	σ_n (barns)
8.0500001 02	1.8690789-01	9.0042091 00	9.1911170 00
8.0600001 02	2.9029701-01	7.9011790 00	8.1914760 00
8.0700001 02	5.3769780-01	6.2058366 00	6.7435344 00
8.0800001 02	1.8442332 00	4.6024863 00	6.4467195 00
8.0810000 02	2.3097711 00	5.0416568 00	7.3514279 00
8.0820001 02	2.9629277 00	5.9298367 00	8.8927645 00
8.0829999 02	3.8777238 00	7.4850692 00	1.1362793 01
8.0840001 02	5.1476922 00	9.9937278 00	1.5141420 01
8.0850001 02	6.8871763 00	1.3817704 01	2.0704880 01
8.0860001 02	9.2252434 00	1.9383187 01	2.8608431 01
8.0870001 02	1.2301150 01	2.7170349 01	3.9471499 01
8.0879999 02	1.6245464 01	3.7662372 01	5.3907836 01
8.0890001 02	2.1167098 01	5.1305339 01	7.2472437 01
8.0900000 02	2.7123095 01	6.8417374 01	9.5540470 01
8.0910001 02	3.4099773 01	8.9120277 01	1.2322005 02
8.0915001 02	3.7942541 01	1.0078608 02	1.3872862 02
8.0920001 02	4.1988869 01	1.1325728 02	1.5524615 02
8.0929999 02	5.0565422 01	1.4030609 02	1.9087151 02
8.0940001 02	5.9495282 01	1.6937790 02	2.2887318 02
8.0950001 02	6.8341509 01	1.9921992 02	2.6756143 02
8.0960001 02	7.6595668 01	2.2828524 02	3.0488091 02
8.0969999 02	8.3731063 01	2.5488496 02	3.3861602 02
8.0980000 02	8.9243932 01	2.7731602 02	3.6655995 02
8.0990001 02	9.2725695 01	2.9408323 02	3.8680893 02
8.1000001 02	9.3911466 01	3.0407633 02	3.9798779 02
8.1010001 02	9.2703511 01	3.0666618 02	3.9936969 02
8.1020000 02	8.9200522 01	3.0183029 02	3.9103081 02
8.1030000 02	8.3674598 01	2.9012120 02	3.7379580 02
8.1040001 02	7.6529286 01	2.7255692 02	3.4908621 02
8.1050001 02	6.8272455 01	2.5055934 02	3.1883180 02
8.1060001 02	5.9427827 01	2.2569216 02	2.8511998 02
8.1070000 02	5.0506062 01	1.9955964 02	2.5006570 02
8.1080001 02	4.1940350 01	1.7359863 02	2.1553898 02
8.1090001 02	3.4063255 01	1.4898370 02	1.8304695 02
8.1100001 02	2.7098135 01	1.2657769 02	1.5367582 02
8.1110001 02	2.1151072 01	1.0688590 02	1.2803697 02
8.1120000 02	1.6237531 01	9.0120489 01	1.0635802 02
8.1130001 02	1.2298458 01	7.6239256 01	8.8537713 01
8.1140001 02	9.2263322 00	6.5019515 01	7.4245847 01
8.1150001 02	6.8897835 00	5.6133327 01	6.3023110 01
8.1200001 02	1.8446535 00	3.4162759 01	3.6007412 01
8.1300001 02	5.3574112-01	2.4474683 01	2.5010424 01
8.1400001 02	2.8854632-01	2.1252419 01	2.1540965 01
8.1500001 02	1.8526530-01	1.9513366 01	1.9698631 01
8.1600001 02	1.3150459-01	1.8412033 01	1.8543538 01
8.1700001 02	9.9822510-02	1.7647180 01	1.7747003 01
8.1800001 02	7.9548036-02	1.7082251 01	1.7161799 01
8.1900001 02	6.5782763-02	1.6645950 01	1.6711732 01
8.2000000 02	5.6010307-02	1.6297272 01	1.6353282 01
8.2100001 02	4.8827643-02	1.6010973 01	1.6059801 01
8.2200001 02	4.3401135-02	1.5770612 01	1.5814013 01
8.2300001 02	3.9210166-02	1.5564980 01	1.5604190 01
8.2400001 02	3.5915919-02	1.5386192 01	1.5422108 01
8.2500001 02	3.3290880-02	1.5228508 01	1.5261799 01
8.2600001 02	3.1177891-02	1.5087616 01	1.5118794 01
8.2700001 02	2.9466425-02	1.4960234 01	1.4989701 01
8.2800001 02	2.8077520-02	1.4843764 01	1.4871841 01
8.2900001 02	2.6954657-02	1.4736101 01	1.4763055 01
8.3000001 02	2.6057730-02	1.4635523 01	1.4661581 01
8.3100000 02	2.5359410-02	1.4540545 01	1.4565905 01
8.3200001 02	2.4842962-02	1.4449843 01	1.4474686 01
8.3300001 02	2.4501303-02	1.4362206 01	1.4386707 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
8.3400001 02	2.4337263-02	1.4276426 01	1.4300763 01
8.3500001 02	2.4365170-02	1.4191260 01	1.4215625 01
8.3600001 02	2.4614373-02	1.4105357 01	1.4129971 01
8.3700001 02	2.5135797-02	1.4017094 01	1.4042230 01
8.3800001 02	2.6014066-02	1.3924432 01	1.3950446 01
8.3900001 02	2.7390363-02	1.3824624 01	1.3852015 01
8.4000001 02	2.9507376-02	1.3713748 01	1.3743255 01
8.4100001 02	3.2805455-02	1.3585783 01	1.3618589 01
8.4200001 02	3.8147305-02	1.3430789 01	1.3468936 01
8.4300001 02	4.7420969-02	1.3230730 01	1.3278151 01
8.4400001 02	6.5506508-02	1.2948603 01	1.3014109 01
8.4500001 02	1.0957978-01	1.2491704 01	1.2601284 01
8.4600001 02	4.8476966-01	1.1618475 01	1.2103245 01
8.4650001 02	2.6706408 00	1.1590642 01	1.4261283 01
8.4700001 02	1.2187979 01	1.5294062 01	2.7482041 01
8.4710001 02	1.6052216 01	1.7289599 01	3.3341815 01
8.4720000 02	1.9529176 01	1.9272308 01	3.8801483 01
8.4730000 02	2.3509556 01	2.1446833 01	4.4956390 01
8.4740001 02	2.8760912 01	2.4708042 01	5.3468954 01
8.4750001 02	3.2336171 01	2.7334224 01	5.9670396 01
8.4760001 02	3.6172867 01	2.9915022 01	6.6087889 01
8.4770000 02	4.0931815 01	3.3553298 01	7.4485113 01
8.4780001 02	4.2469227 01	3.5629325 01	7.8098552 01
8.4790001 02	4.4071383 01	3.7362376 01	8.1433759 01
8.4800001 02	4.6052677 01	3.9841804 01	8.5894481 01
8.4810000 02	4.4090599 01	4.0120463 01	8.4211062 01
8.4820001 02	4.2419009 01	4.0015078 01	8.2434087 01
8.4830001 02	4.0908806 01	4.0366829 01	8.1275635 01
8.4840001 02	3.6173366 01	3.8689537 01	7.4862903 01
8.4850001 02	3.2268540 01	3.6922738 01	6.9191277 01
8.4860000 02	2.8736178 01	3.5547409 01	6.4283587 01
8.4870001 02	2.3512435 01	3.2942739 01	5.6455174 01
8.4879999 02	1.9474500 01	3.0614269 01	5.0088769 01
8.4890001 02	1.6045341 01	2.8711924 01	4.4757265 01
8.4900001 02	1.2197277 01	2.6391033 01	3.8588310 01
8.4950000 02	2.6736224 00	1.9408089 01	2.2081712 01
8.5000001 02	4.8411267-01	1.6927366 01	1.7411480 01
8.5100001 02	1.0867947-01	1.5636372 01	1.5745051 01
8.5200001 02	6.4433525-02	1.5134690 01	1.5199124 01
8.5300001 02	4.6169463-02	1.4838303 01	1.4884472 01
8.5400001 02	3.6703427-02	1.4635253 01	1.4671956 01
8.5500001 02	3.1160994-02	1.4483052 01	1.4514213 01
8.5600001 02	2.7658251-02	1.4361570 01	1.4389228 01
8.5700001 02	2.5336470-02	1.4259881 01	1.4285218 01
8.5800001 02	2.3760386-02	1.4171452 01	1.4195212 01
8.5900001 02	2.2694593-02	1.4092006 01	1.4114701 01
8.6000001 02	2.2009370-02	1.4018529 01	1.4040538 01
8.6200001 02	2.1561105-02	1.3880430 01	1.3901991 01
8.6300001 02	2.1799881-02	1.3811737 01	1.3833537 01
8.6400001 02	2.2432380-02	1.3740287 01	1.3762720 01
8.6500001 02	2.3628084-02	1.3662965 01	1.3686593 01
8.6600001 02	2.5741830-02	1.3575056 01	1.3600798 01
8.6700001 02	2.9569738-02	1.3468305 01	1.3497874 01
8.6800001 02	3.7191716-02	1.3325961 01	1.3363152 01
8.6900001 02	5.6071820-02	1.3105649 01	1.3161721 01
8.7000001 02	2.5297783-01	1.2667470 01	1.2920448 01
8.7050002 02	1.4642967 00	1.2410544 01	1.3874840 01
8.7100001 02	6.7205561 00	1.2988915 01	1.9709471 01
8.7120001 02	1.0600456 01	1.3822747 01	2.4423203 01
8.7140001 02	1.5121866 01	1.5066521 01	3.0188387 01
8.7150000 02	1.7438052 01	1.5817237 01	3.3255290 01
8.7160001 02	1.9519856 01	1.6602402 01	3.6122258 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
8.7179999 02	2.2802470 01	1.8184135 01	4.0986605 01
8.7190001 02	2.3669274 01	1.8884041 01	4.2553315 01
8.7200001 02	2.4032780 01	1.9475179 01	4.3507959 01
8.7210001 02	2.3662112 01	1.9891043 01	4.3553155 01
8.7219999 02	2.2795456 01	2.0173983 01	4.2969439 01
8.7240001 02	1.9504437 01	2.0177137 01	3.9681574 01
8.7250001 02	1.7422900 01	1.9961279 01	3.7384179 01
8.7260001 02	1.5102666 01	1.9598902 01	3.4701568 01
8.7280000 02	1.0587621 01	1.8671895 01	2.9259516 01
8.7300001 02	6.7172304 00	1.7645129 01	2.4362359 01
8.7350002 02	1.4665854 00	1.5702545 01	1.7169130 01
8.7400001 02	2.5380006-01	1.4864411 01	1.5118211 01
8.7500001 02	5.5874856-02	1.4331826 01	1.4387700 01
8.7600001 02	3.6984422-02	1.4102940 01	1.4139924 01
8.7700001 02	2.9355553-02	1.3957519 01	1.3986874 01
8.7800001 02	2.5521434-02	1.3849589 01	1.3875110 01
8.7900000 02	2.3405636-02	1.3761364 01	1.3784770 01
8.8000001 02	2.2215769-02	1.3684159 01	1.3706375 01
8.8100001 02	2.1601029-02	1.3613023 01	1.3634624 01
8.8200001 02	2.1396899-02	1.3544652 01	1.3566049 01
8.8300001 02	2.1532523-02	1.3476590 01	1.3498122 01
8.8400001 02	2.1995044-02	1.3406616 01	1.3428611 01
8.8500001 02	2.2819167-02	1.3332490 01	1.3355309 01
8.8600001 02	2.4092885-02	1.3251585 01	1.3275678 01
8.8700001 02	2.5980749-02	1.3160480 01	1.3186461 01
8.8800001 02	2.8776889-02	1.3054351 01	1.3083128 01
8.8900001 02	3.3022678-02	1.2925807 01	1.2958830 01
8.9000000 02	3.9785480-02	1.2762639 01	1.2802425 01
8.9100001 02	5.1410462-02	1.2542682 01	1.2594092 01
8.9200001 02	7.3994594-02	1.2220409 01	1.2294404 01
8.9300001 02	1.2951642-01	1.1682008 01	1.1811524 01
8.9400001 02	6.3383972-01	1.0700080 01	1.1333920 01
8.9420002 02	1.2143377 00	1.0606602 01	1.1621139 01
8.9450001 02	3.3560316 00	1.1149490 01	1.4505522 01
8.9480002 02	8.4735836 00	1.3701021 01	2.2174604 01
8.9500001 02	1.4312925 01	1.7374226 01	3.1687151 01
8.9520000 02	2.2221084 01	2.2836129 01	4.5057213 01
8.9540001 02	3.0928014 01	2.9864740 01	6.0792754 01
8.9550001 02	3.5340226 01	3.3523005 01	6.8863231 01
8.9560001 02	4.0312322 01	3.7989030 01	7.8301352 01
8.9580001 02	4.5628664 01	4.4277048 01	8.9905711 01
8.9590001 02	4.7857412 01	4.7066386 01	9.4923798 01
8.9600001 02	4.9243353 01	4.9664309 01	9.8907662 01
8.9610000 02	4.7871621 01	5.0251634 01	9.8123256 01
8.9620001 02	4.5601441 01	4.9752296 01	9.5353737 01
8.9640001 02	4.0296109 01	4.8253002 01	8.8549111 01
8.9650001 02	3.5330657 01	4.5454823 01	8.0785480 01
8.9660000 02	3.0873441 01	4.2620589 01	7.3494030 01
8.9679999 02	2.2223396 01	3.6938883 01	5.9162279 01
8.9700001 02	1.4279641 01	3.0802521 01	4.5082162 01
8.9720001 02	8.4703696 00	2.5952115 01	3.4422485 01
8.9740001 02	4.6433840 00	2.2354636 01	2.6998020 01
8.9750001 02	3.3587220 00	2.1020168 01	2.4378890 01
8.9760001 02	2.4029403 00	1.9948533 01	2.2351473 01
8.9780000 02	1.2170116 00	1.8430417 01	1.9647428 01
8.9800001 02	6.3523111-01	1.7487208 01	1.8122439 01
8.9900001 02	1.2885677-01	1.5767318 01	1.5896175 01
9.0000001 02	7.3242549-02	1.5150249 01	1.5223491 01
9.0100000 02	5.0561605-02	1.4798347 01	1.4848908 01
9.0200001 02	3.8813772-02	1.4565684 01	1.4604497 01
9.0300001 02	3.1903540-02	1.4397905 01	1.4429809 01
9.0400001 02	2.7483941-02	1.4269553 01	1.4297037 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
9.0500001 02	2.4482881-02	1.4166904 01	1.4191387 01
9.0600001 02	2.2351653-02	1.4082051 01	1.4104402 01
9.0700001 02	2.0784591-02	1.4010042 01	1.4030827 01
9.0800001 02	1.9600275-02	1.3947547 01	1.3967147 01
9.0900001 02	1.8685391-02	1.3892302 01	1.3910988 01
9.1000001 02	1.7966216-02	1.3842669 01	1.3860634 01
9.1100001 02	1.7393119-02	1.3797479 01	1.3814872 01
9.1200000 02	1.6931701-02	1.3755805 01	1.3772736 01
9.1300001 02	1.6557620-02	1.3717011 01	1.3733569 01
9.1400001 02	1.6253235-02	1.3680496 01	1.3696749 01
9.1500001 02	1.6005624-02	1.3645873 01	1.3661878 01
9.1600001 02	1.5805175-02	1.3612754 01	1.3628559 01
9.1700001 02	1.5644728-02	1.3580879 01	1.3596523 01
9.1800001 02	1.5518897-02	1.3549921 01	1.3565439 01
9.1900001 02	1.5423726-02	1.3519683 01	1.3535107 01
9.2000001 02	1.5356341-02	1.3489987 01	1.3505344 01
9.2100001 02	1.5314764-02	1.3460644 01	1.3475959 01
9.2200001 02	1.5297779-02	1.3431475 01	1.3446773 01
9.2300000 02	1.5304855-02	1.3402334 01	1.3417639 01
9.2400001 02	1.5336083-02	1.3373020 01	1.3388356 01
9.2500001 02	1.5392211-02	1.3343358 01	1.3358751 01
9.2600001 02	1.5474676-02	1.3313242 01	1.3328716 01
9.2700001 02	1.5585630-02	1.3282414 01	1.3298000 01
9.2800001 02	1.5728135-02	1.3250726 01	1.3266454 01
9.2900001 02	1.5906305-02	1.3217943 01	1.3233849 01
9.3000001 02	1.6125564-02	1.3183763 01	1.3199889 01
9.3100001 02	1.6393092-02	1.3147937 01	1.3164330 01
9.3200001 02	1.6718306-02	1.3110130 01	1.3126848 01
9.3300001 02	1.7113651-02	1.3069866 01	1.3086980 01
9.3400000 02	1.7595797-02	1.3026626 01	1.3044222 01
9.3500001 02	1.8187341-02	1.2979800 01	1.2997987 01
9.3600001 02	1.8919429-02	1.2928541 01	1.2947461 01
9.3700001 02	1.9835850-02	1.2871777 01	1.2891613 01
9.3800001 02	2.0999828-02	1.2808175 01	1.2829175 01
9.3900001 02	2.2505068-02	1.2735721 01	1.2758226 01
9.4000001 02	2.4495663-02	1.2651840 01	1.2676335 01
9.4100001 02	2.7202150-02	1.2552631 01	1.2579833 01
9.4200001 02	3.1013071-02	1.2432404 01	1.2463417 01
9.4300001 02	3.6626927-02	1.2282079 01	1.2318706 01
9.4400001 02	4.5409210-02	1.2086507 01	1.2131916 01
9.4500000 02	6.0358681-02	1.1817921 01	1.1878279 01
9.4600001 02	8.9307499-02	1.1419496 01	1.1508803 01
9.4700001 02	1.6135244-01	1.0750112 01	1.0911465 01
9.4800001 02	8.5843225-01	9.6794207 00	1.0537853 01
9.4900001 02	1.6550792 01	2.0989835 01	3.7540627 01
9.4920001 02	2.4677831 01	2.8875874 01	5.3553705 01
9.4940001 02	3.4135877 01	3.8759989 01	7.2895866 01
9.4950001 02	3.9057689 01	4.4396537 01	8.3454226 01
9.4960001 02	4.3192727 01	4.9586452 01	9.2779179 01
9.4980000 02	4.9079407 01	5.7997073 01	1.0707648 02
9.4990001 02	5.1264779 01	6.1722261 01	1.1298704 02
9.5000001 02	5.2174867 01	6.4440093 01	1.1661496 02
9.5010001 02	5.1271339 01	6.5380831 01	1.1665217 02
9.5020000 02	4.9068814 01	6.4804446 01	1.1387326 02
9.5040001 02	4.3144952 01	6.1613748 01	1.0475870 02
9.5050001 02	3.9027185 01	5.8699839 01	9.7727024 01
9.5060001 02	3.4121442 01	5.4693091 01	8.8814532 01
9.5080001 02	2.4638765 01	4.5987405 01	7.0626170 01
9.5100001 02	1.6543778 01	3.7945772 01	5.4489550 01
9.5120001 02	1.0055391 01	3.0854465 01	4.0909856 01
9.5140001 02	5.7161972 00	2.5657476 01	3.1373673 01
9.5150001 02	4.2127765 00	2.3702699 01	2.7915475 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_g (barns)	σ_n (barns)
9.5160000 02	3.0706340 00	2.2122249 01	2.5192883 01
9.5179999 02	1.6069866 00	1.9866610 01	2.1473597 01
9.5200001 02	8.6146586-01	1.8470392 01	1.9331858 01
9.5300001 02	1.6152900-01	1.6025961 01	1.6187490 01
9.5400001 02	8.9703760-02	1.5210909 01	1.5300613 01
9.5500001 02	6.1013759-02	1.4750033 01	1.4811047 01
9.5600000 02	4.6330148-02	1.4444870 01	1.4491200 01
9.5700001 02	3.7836821-02	1.4223005 01	1.4260842 01
9.5800001 02	3.2551739-02	1.4050566 01	1.4083118 01
9.5900001 02	2.9129721-02	1.3909284 01	1.3938413 01
9.6000001 02	2.6901321-02	1.3788274 01	1.3815175 01
9.6100001 02	2.5522225-02	1.3680217 01	1.3705739 01
9.6200001 02	2.4835034-02	1.3579711 01	1.3604546 01
9.6300001 02	2.4825440-02	1.3481904 01	1.3506729 01
9.6400001 02	2.5651990-02	1.3381683 01	1.3407335 01
9.6500001 02	2.7803784-02	1.3271869 01	1.3299673 01
9.6600001 02	3.2680026-02	1.3139456 01	1.3172136 01
9.6700001 02	4.5826727-02	1.2952824 01	1.2998651 01
9.6800001 02	2.3636326-01	1.2607905 01	1.2844268 01
9.6850001 02	1.2701448 00	1.2397969 01	1.3668114 01
9.6900001 02	5.1009334 00	1.2647146 01	1.7748079 01
9.6920000 02	7.7206057 00	1.3065976 01	2.0786581 01
9.6940001 02	1.0625475 01	1.3696768 01	2.4322243 01
9.6950001 02	1.2090069 01	1.4100165 01	2.6190234 01
9.6960000 02	1.3348807 01	1.4504784 01	2.7853591 01
9.6980001 02	1.5382804 01	1.5376840 01	3.0759644 01
9.6990001 02	1.5890626 01	1.5754756 01	3.1645382 01
9.7000001 02	1.6156228 01	1.6122539 01	3.2278767 01
9.7010000 02	1.5890446 01	1.6398232 01	3.2288678 01
9.7020001 02	1.5372902 01	1.6595594 01	3.1968496 01
9.7040001 02	1.3339469 01	1.6753651 01	3.0093120 01
9.7050001 02	1.2076430 01	1.6714132 01	2.8790562 01
9.7060001 02	1.0619360 01	1.6604890 01	2.7224250 01
9.7079999 02	7.7127305 00	1.6214524 01	2.3927254 01
9.7100001 02	5.0936105 00	1.5714418 01	2.0808028 01
9.7150001 02	1.2704857 00	1.4620711 01	1.5891196 01
9.7200001 02	2.3726235-01	1.4047904 01	1.4285166 01
9.7300001 02	4.5984927-02	1.3634793 01	1.3680778 01
9.7400001 02	3.2897231-02	1.3441976 01	1.3474873 01
9.7500001 02	2.8076983-02	1.3306012 01	1.3334089 01
9.7600001 02	2.5958392-02	1.3193427 01	1.3219386 01
9.7700001 02	2.5132860-02	1.3090982 01	1.3116115 01
9.7800001 02	2.5095125-02	1.2991652 01	1.3016747 01
9.7900001 02	2.5659959-02	1.2890741 01	1.2916401 01
9.8000001 02	2.6797119-02	1.2784317 01	1.2811114 01
9.8100001 02	2.8587766-02	1.2668323 01	1.2696911 01
9.8200001 02	3.1239946-02	1.2537811 01	1.2569051 01
9.8300001 02	3.5165421-02	1.2385928 01	1.2421093 01
9.8400001 02	4.1184357-02	1.2202148 01	1.2243332 01
9.8500001 02	5.1087664-02	1.1968174 01	1.2019261 01
9.8600001 02	6.9514250-02	1.1647527 01	1.1717041 01
9.8700001 02	1.1424144-01	1.1150571 01	1.1264813 01
9.8800001 02	6.3137337-01	1.0326080 01	1.0957453 01
9.8850001 02	3.1701630 00	1.0638323 01	1.3808486 01
9.8900001 02	1.1889765 01	1.4536113 01	2.6425878 01
9.8920001 02	1.7790389 01	1.7735437 01	3.5525827 01
9.8940001 02	2.5218450 01	2.2544991 01	4.7763440 01
9.8950001 02	2.8111615 01	2.4767856 01	5.2879471 01
9.8960001 02	3.0301920 01	2.6598237 01	5.6900157 01
9.8980000 02	3.4716849 01	3.0332013 01	6.5048862 01
9.8990001 02	3.6852478 01	3.2441661 01	6.9294139 01
9.9000001 02	3.7776661 01	3.4076120 01	7.1852781 01

TABLE II (Continued)

T = 0.05 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
9.9010001 02	3.6885554 01	3.4658450 01	7.1544005 01
9.9019999 02	3.4741885 01	3.4286614 01	6.9028499 01
9.9040001 02	3.0252095 01	3.2834360 01	6.3086455 01
9.9050001 02	2.8055119 01	3.2098010 01	6.0153129 01
9.9060001 02	2.5199251 01	3.0964984 01	5.6164235 01
9.9080001 02	1.7819365 01	2.7158933 01	4.4978298 01
9.9100001 02	1.1871448 01	2.3449482 01	3.5320930 01
9.9120002 02	7.4854345 00	2.0518563 01	2.8003997 01
9.9150002 02	3.1957688 00	1.7159694 01	2.0355463 01
9.9180002 02	1.2382806 00	1.5206290 01	1.6444570 01
9.9200001 02	6.6980804-01	1.4428949 01	1.5098757 01
9.9300001 02	1.7593564-01	1.2697676 01	1.2873662 01
9.9400001 02	1.8165633-01	1.1613706 01	1.1795362 01
9.9500001 02	2.8630083-01	1.0291084 01	1.0577385 01
9.9550002 02	4.7544612-01	9.3977082 00	9.8731542 00
9.9600001 02	1.3623114 00	8.8990876 00	1.0261399 01
9.9650000 02	5.8346960 00	1.3187784 01	1.9022480 01
9.9700001 02	2.0565719 01	3.5018012 01	5.5583731 01
9.9719999 02	3.0138153 01	5.1257739 01	8.1395891 01
9.9740001 02	4.0721085 01	7.0700035 01	1.1142112 02
9.9750001 02	4.5803447 01	8.0698553 01	1.2650200 02
9.9760001 02	5.0426934 01	9.0318716 01	1.4074565 02
9.9780000 02	5.7449909 01	1.0682913 02	1.6427904 02
9.9790001 02	5.9415459 01	1.1286318 02	1.7227864 02
9.9800001 02	6.0093058 01	1.1684033 02	1.7693339 02
9.9810001 02	5.9406019 01	1.1848928 02	1.7789530 02
9.9820000 02	5.7428865 01	1.1778908 02	1.7521794 02
9.9840001 02	5.0386205 01	1.1027480 02	1.6066100 02
9.9850001 02	4.5759207 01	1.0409324 02	1.4985245 02
9.9860001 02	4.0677819 01	9.6732040 01	1.3740986 02
9.9880001 02	3.0105602 01	8.0045919 01	1.1015152 02
9.9900001 02	2.0541672 01	6.3609418 01	8.4151090 01

TABLE III

Th²³² CROSS SECTIONSTh²³² Temperature = 0.1 ev

Neutron Energy, E _n (ev)	Radiative Capture Cross Section, σ _γ (barns)	Scattering Cross Section, σ _S (barns)	Total Cross Section, σ _T (barns)
2.5300000-02	7.5593940 00	1.2322838 01	1.9882232 01
5.0000005-02	5.3541977 00	1.2266063 01	1.7620261 01
1.0000001-01	3.7535163 00	1.2229096 01	1.5982612 01
2.5000000-01	2.3149217 00	1.2182040 01	1.4496962 01
5.0000001-01	1.5730608 00	1.2127101 01	1.3700162 01
1.0000001 00	1.0349892 00	1.2033058 01	1.3068047 01
2.0000001 00	6.5016367-01	1.1874593 01	1.2524757 01
5.0000000 00	3.3381719-01	1.1523595 01	1.1857412 01
7.5000000 00	2.5633013-01	1.1295875 01	1.1552205 01
1.0000001 01	2.2559161-01	1.1090730 01	1.1306321 01
1.2000001 01	2.2135815-01	1.0895151 01	1.1116509 01
1.4000001 01	2.3674405-01	1.0672957 01	1.0909701 01
1.5000001 01	2.5562927-01	1.0536088 01	1.0791717 01
1.6000001 01	2.8725968-01	1.0370815 01	1.0658075 01
1.8000001 01	4.3759580-01	9.8762863 00	1.0313882 01
2.0000001 01	1.1663335 00	8.7162096 00	9.8825431 00
2.1000001 01	4.0686413 00	6.8781517 00	1.0946793 01
2.1200001 01	6.6619476 00	6.0366934 00	1.2698641 01
2.1400001 01	1.6219797 01	4.7745111 00	2.0994308 01
2.1500001 01	4.2391753 01	4.7290511 00	4.7120804 01
2.1550001 01	7.8579359 01	5.9311161 00	8.4510475 01
2.1600001 01	1.4732232 02	9.2051106 00	1.5652743 02
2.1650001 01	2.6409015 02	1.5899098 01	2.7998925 02
2.1700001 01	4.3678125 02	2.7087738 01	4.6386899 02
2.1750001 01	6.5342047 02	4.2617615 01	6.9603808 02
2.1800001 01	8.7494462 02	6.0306480 01	9.3525110 02
2.1850001 01	1.0431078 03	7.6113709 01	1.1192215 03
2.1900001 01	1.1046417 03	8.5632797 01	1.1902745 03
2.1950001 01	1.0386932 03	8.6209701 01	1.1249029 03
2.2000001 01	8.6831234 02	7.8277710 01	9.4659005 02
2.2050001 01	6.4741990 02	6.4958138 01	7.1237804 02
2.2100001 01	4.3321769 02	5.0307659 01	4.8352535 02
2.2150001 01	2.6313802 02	3.7493660 01	3.0063168 02
2.2200001 01	1.4814610 02	2.7951219 01	1.7609732 02
2.2250001 01	8.0222370 01	2.1625299 01	1.0184767 02
2.2300001 01	4.4283401 01	1.7719202 01	6.2002603 01
2.2400001 01	1.8316717 01	1.3834548 01	3.2151264 01
2.2500001 01	1.2073213 01	1.1976529 01	2.4049742 01
2.2600001 01	1.0168687 01	1.0712104 01	2.0880791 01
2.2700001 01	9.7836563 00	9.6510586 00	1.9434715 01
2.2800001 01	1.0457412 01	8.6444670 00	1.9101879 01
2.2900001 01	1.2372984 01	7.6003421 00	1.9973326 01
2.3000001 01	1.6639022 01	6.4672110 00	2.3106233 01
2.3100001 01	2.8751623 01	5.5254958 00	3.4277118 01
2.3200001 01	7.6090818 01	7.3200150 00	8.3410833 01
2.3250001 01	1.3824303 02	1.2048451 01	1.5029148 02
2.3300001 01	2.5053617 02	2.2398168 01	2.7293434 02
2.3350001 01	4.3228811 02	4.1207630 01	4.7349574 02
2.3400001 01	6.8989779 02	7.0218997 01	7.6011678 02
2.3450001 01	1.0019610 03	1.0811099 02	1.1100720 03
2.3500001 01	1.3127009 03	1.4920169 02	1.4619026 03
2.3550001 01	1.5443984 03	1.8430271 02	1.7287011 03
2.3600001 01	1.6283225 03	2.0408180 02	1.8324043 03
2.3650001 01	1.5379667 03	2.0333330 02	1.7413000 03
2.3700001 01	1.3026619 03	1.8344290 02	1.4861048 03
2.3750001 01	9.9209685 02	1.5140924 02	1.1435061 03
2.3800001 01	6.8280285 02	1.1622286 02	7.9902570 02
2.3850001 01	4.2847909 02	8.5080719 01	5.1355981 02
2.3900001 01	2.4904814 02	6.1497667 01	3.1054581 02
2.3950001 01	1.3774002 02	4.5639550 01	1.8337957 02
2.4000001 01	7.5634206 01	3.5833104 01	1.1146731 02
2.4100001 01	2.7536178 01	2.6533583 01	5.4069761 01

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.4200001 01	1.4801144 01	2.2804580 01	3.7605724 01
2.4400001 01	7.4173835 00	1.9423055 01	2.6840438 01
2.4500001 01	5.7776170 00	1.8433253 01	2.4210870 01
2.4600001 01	4.6539917 00	1.7670861 01	2.2324853 01
2.4800001 01	3.2397680 00	1.6564533 01	1.9804301 01
2.5000001 01	2.4080290 00	1.5794068 01	1.8202097 01
2.6000001 01	9.0378856-01	1.3891726 01	1.4795514 01
2.8000001 01	3.4102862-01	1.2627048 01	1.2968077 01
3.0000001 01	2.0800961-01	1.2098510 01	1.2306520 01
3.5000002 01	1.2311417-01	1.1464216 01	1.1587330 01
4.0000001 01	1.0514508-01	1.1071353 01	1.1176498 01
4.5000002 01	1.0526613-01	1.0696547 01	1.0801813 01
5.0000001 01	1.2196361-01	1.0221871 01	1.0343835 01
5.5000001 01	1.9318173-01	9.3746540 00	9.5678357 00
5.6000001 01	2.3772308-01	9.0632910 00	9.3010140 00
5.8000001 01	6.3815574-01	7.7453599 00	8.3835156 00
5.8500001 01	1.2465665 00	6.8420950 00	8.0886615 00
5.8600001 01	1.5491287 00	6.5657938 00	8.1149224 00
5.8800000 01	3.5167993 00	5.9776759 00	9.4944752 00
5.8900001 01	7.5429994 00	6.0506246 00	1.3593624 01
5.9000000 01	1.8845576 01	7.4041960 00	2.6249773 01
5.9100001 01	4.6563404 01	1.2050188 01	5.8613592 01
5.9120001 01	5.5159083 01	1.3630932 01	6.8790015 01
5.9140001 01	6.5005317 01	1.5488806 01	8.0494123 01
5.9150000 01	7.0424153 01	1.6529192 01	8.6953345 01
5.9160001 01	7.6186441 01	1.7647700 01	9.3834140 01
5.9180001 01	8.8767513 01	2.0128116 01	1.0889563 02
5.9200001 01	1.0279289 02	2.2946840 01	1.2573973 02
5.9250001 01	1.4419870 02	3.1530720 01	1.7572942 02
5.9290001 01	1.8338833 02	3.9949001 01	2.2333733 02
5.9300001 01	1.9390312 02	4.2250681 01	2.3615380 02
5.9350001 01	2.4952349 02	5.4715380 01	3.0423887 02
5.9400001 01	3.0695337 02	6.8127190 01	3.7508057 02
5.9450001 01	3.6072676 02	8.1331753 01	4.4205851 02
5.9500001 01	4.0480207 02	9.2967342 01	4.9776941 02
5.9550000 01	4.3367615 02	1.0170206 02	5.3537821 02
5.9580001 01	4.4200702 02	1.0509775 02	5.4710477 02
5.9600001 01	4.4350657 02	1.0649404 02	5.5000060 02
5.9620001 01	4.4171288 02	1.0716687 02	5.4887975 02
5.9650001 01	4.3296145 02	1.0680945 02	5.3977090 02
5.9700001 01	4.0351779 02	1.0273247 02	5.0625026 02
5.9750001 01	3.5911518 02	9.4932320 01	4.5404750 02
5.9800001 01	3.0529316 02	8.4504757 01	3.8979792 02
5.9850001 01	2.4805521 02	7.2735628 01	3.2079084 02
5.9900000 01	1.9278107 02	6.0853170 01	2.5363424 02
5.9960001 01	1.3456008 02	4.7803730 01	1.8236381 02
6.0000001 01	1.0242956 02	4.0330299 01	1.4275986 02
6.0100000 01	4.6654056 01	2.6655630 01	7.3309686 01
6.0200000 01	1.9039260 01	1.9165872 01	3.8205132 01
6.0300000 01	7.6852662 00	1.5547758 01	2.3233024 01
6.0400000 01	3.6004810 00	1.3835867 01	1.7436348 01
6.0500001 01	2.1740932 00	1.2932281 01	1.5106374 01
6.0700002 01	1.3034582 00	1.1943455 01	1.3246913 01
6.1000001 01	8.7379585-01	1.1103134 01	1.1976930 01
6.2000001 01	5.2830825-01	9.7275758 00	1.0255884 01
6.3000001 01	5.2044731-01	8.8880447 00	9.4084920 00
6.4000001 01	6.2256555-01	8.0973079 00	8.7198735 00
6.5000001 01	8.4291494-01	7.1783400 00	8.0212549 00
6.6000001 01	1.2927127 00	5.9606696 00	7.2533822 00
6.7000001 01	2.3638304 00	4.1721304 00	6.5359608 00
6.7500001 01	3.5559019 00	2.9353184 00	6.4912203 00
6.7600000 01	3.9079099 00	2.6556240 00	6.5635339 00

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.7799999 01	4.7985068 00	2.0693398 00	6.8678466 00
6.8000001 01	6.0524925 00	1.4677310 00	7.5202236 00
6.8500001 01	1.3082023 01	6.7536807-01	1.3757391 01
6.8599999 01	1.6210725 01	1.1619251 00	1.7372650 01
6.8800001 01	2.9542038 01	6.5145469 00	3.6056585 01
6.9000001 01	8.3706689 01	4.3924600 01	1.2763129 02
6.9100000 01	1.6209297 02	1.0660404 02	2.6869701 02
6.9200001 01	3.1313326 02	2.3445053 02	5.4758379 02
6.9299999 01	5.6539003 02	4.5632896 02	1.0217190 03
6.9400001 01	9.1699550 02	7.7545299 02	1.6924485 03
6.9450001 01	1.1137854 03	9.5835372 02	2.0721391 03
6.9500001 01	1.3077663 03	1.1421365 03	2.4499028 03
6.9600001 01	1.6224187 03	1.4531656 03	3.0755943 03
6.9700001 01	1.7424082 03	1.5963248 03	3.3387330 03
6.9800000 01	1.6179440 03	1.5170891 03	3.1350331 03
6.9900001 01	1.3013621 03	1.2538869 03	2.5552490 03
7.0000001 01	9.1162201 02	9.1062949 02	1.8222515 03
7.0099999 01	5.6243144 02	5.9243396 02	1.1548654 03
7.0200001 01	3.1219502 02	3.5742417 02	6.6961919 02
7.0300001 01	1.6211542 02	2.1153288 02	3.7364830 02
7.0400001 01	8.3892695 01	1.3186419 02	2.1575688 02
7.0500001 01	4.6728342 01	9.1331617 01	1.3805996 02
7.1000001 01	1.0686526 01	4.2441726 01	5.3128252 01
7.1500001 01	5.2334559 00	3.1323523 01	3.6556979 01
7.2000001 01	3.1400748 00	2.6070691 01	2.9210765 01
7.4000001 01	9.0220058-01	1.8528160 01	1.9430361 01
7.5000001 01	6.0594414-01	1.7062161 01	1.7668105 01
7.6000001 01	4.4048230-01	1.6088248 01	1.6528730 01
7.8000001 01	2.7190474-01	1.4865870 01	1.5137774 01
8.0000001 01	1.9225830-01	1.4119615 01	1.4311873 01
9.0000001 01	8.6863823-02	1.2462093 01	1.2548957 01
1.0000001 02	8.2094346-02	1.1550060 01	1.1632155 01
1.1000001 02	3.7024132-01	9.4763552 00	9.8465965 00
1.1050001 02	4.9601987-01	9.1060121 00	9.6020320 00
1.1100001 02	7.2591851-01	8.5889509 00	9.3148693 00
1.1200001 02	3.4015956 00	6.4792541 00	9.8808498 00
1.1250001 02	5.4381419 01	1.4517223 01	6.8898642 01
1.1260001 02	9.2973465 01	2.3305545 01	1.1627901 02
1.1270001 02	1.4730455 02	3.6742651 01	1.8404720 02
1.1280001 02	2.1422813 02	5.4520289 01	2.6874841 02
1.1290001 02	2.8449532 02	7.4651528 01	3.5914685 02
1.1300001 02	3.4401657 02	9.3568531 01	4.3758510 02
1.1310001 02	3.7823572 02	1.0711188 02	4.8534760 02
1.1315001 02	3.8262262 02	1.1078979 02	4.9341241 02
1.1320001 02	3.7790300 02	1.1208364 02	4.8998664 02
1.1330001 02	3.4315318 02	1.0757184 02	4.5072502 02
1.1340001 02	2.8342687 02	9.5275329 01	3.7870220 02
1.1350001 02	2.1329100 02	7.8663439 01	2.9195444 02
1.1360001 02	1.4669323 02	6.1508360 01	2.0820159 02
1.1370001 02	9.2704352 01	4.6614659 01	1.3931901 02
1.1380001 02	5.4354030 01	3.5284329 01	8.9638359 01
1.1390001 02	3.0081240 01	2.7519773 01	5.7601013 01
1.1400001 02	1.6190634 01	2.2596484 01	3.8787118 01
1.1450001 02	2.0202019 00	1.5312531 01	1.7332733 01
1.1500001 02	1.0334932 00	1.3629144 01	1.4662637 01
1.1600001 02	5.6215710-01	1.2033967 01	1.2596124 01
1.1700001 02	5.0059299-01	1.0989850 01	1.1490443 01
1.1800001 02	6.4613815-01	9.9033818 00	1.0549520 01
1.1850002 02	8.4840271-01	9.1995803 00	1.0047983 01
1.1900001 02	1.2648614 00	8.2490085 00	9.5138899 00
1.1950002 02	2.3276453 00	6.8138353 00	9.1414806 00
1.2000001 02	1.0948356 01	6.2471900 00	1.7195546 01

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.2010001 02	1.9226730 01	8.3136201 00	2.7540350 01
1.2020001 02	3.4783643 01	1.3291106 01	4.8074749 01
1.2030001 02	6.1984785 01	2.3238850 01	8.5223636 01
1.2040001 02	1.0542994 02	4.0524170 01	1.4595411 02
1.2050001 02	1.6794730 02	6.6970179 01	2.3491748 02
1.2060001 02	2.4783397 02	1.0256074 02	3.5039471 02
1.2070001 02	3.3672023 02	1.4427419 02	4.8099442 02
1.2080001 02	4.1976726 02	1.8585441 02	6.0562167 02
1.2090001 02	4.7924699 02	2.1913188 02	6.9837887 02
1.2100001 02	5.0065260 02	2.3669458 02	7.3734718 02
1.2110001 02	4.7846770 02	2.3470835 02	7.1317605 02
1.2120001 02	4.1849144 02	2.1441715 02	6.3290859 02
1.2130001 02	3.3536873 02	1.8148967 02	5.1685840 02
1.2140001 02	2.4675164 02	1.4362771 02	3.9037935 02
1.2150001 02	1.6728504 02	1.0779612 02	2.7508116 02
1.2160001 02	1.0515197 02	7.8388440 01	1.8354041 02
1.2170001 02	6.1950969 01	5.6859840 01	1.1881081 02
1.2180001 02	3.4851698 01	4.2490147 01	7.7341845 01
1.2190001 02	1.9301317 01	3.3540514 01	5.2841831 01
1.2200001 02	1.0990590 01	2.8181991 01	3.9172581 01
1.2250001 02	2.2786889 00	1.9873665 01	2.2152354 01
1.2300001 02	1.2065198 00	1.7514183 01	1.8720703 01
1.2400001 02	5.5938752-01	1.5396376 01	1.5955764 01
1.2500001 02	3.5603631-01	1.4337272 01	1.4693308 01
1.2600001 02	2.8230805-01	1.3629751 01	1.3912059 01
1.2700001 02	2.9601465-01	1.3012294 01	1.3308309 01
1.2750001 02	4.1780202-01	1.2648735 01	1.3066537 01
1.2760001 02	5.0520090-01	1.2561533 01	1.3066734 01
1.2780001 02	9.0388003-01	1.2364175 01	1.3268055 01
1.2800001 02	1.8306727 00	1.2133634 01	1.3964306 01
1.2850001 02	7.8628412 00	1.1482815 01	1.9345656 01
1.2860001 02	1.1151422 01	1.1430658 01	2.2582080 01
1.2880001 02	2.5241044 01	1.1865675 01	3.7106719 01
1.2900001 02	5.3195155 01	1.3760543 01	6.6955697 01
1.2910001 02	7.0476926 01	1.5372374 01	8.5849300 01
1.2920001 02	8.6508832 01	1.7261707 01	1.0377054 02
1.2930001 02	9.7913982 01	1.9142608 01	1.1705659 02
1.2940001 02	1.0195422 02	2.0676399 01	1.2263062 02
1.2950001 02	9.7574991 01	2.1583678 01	1.1915867 02
1.2960001 02	8.5826409 01	2.1740261 01	1.0756667 02
1.2970001 02	6.9424092 01	2.1210012 01	9.0634105 01
1.2980001 02	5.1712624 01	2.0202654 01	7.1915278 01
1.2990001 02	3.5557266 01	1.8983460 01	5.4540725 01
1.3000001 02	2.2665623 01	1.7784634 01	4.0450257 01
1.3050001 02	1.3458554 00	1.4621218 01	1.5967073 01
1.3100001 02	3.7749492-01	1.3881004 01	1.4258498 01
1.3200002 02	1.8069040-01	1.3308195 01	1.3488885 01
1.3300002 02	1.2719076-01	1.3005919 01	1.3133109 01
1.3500001 02	8.9981119-02	1.2632483 01	1.2722464 01
1.3800000 02	7.1991297-02	1.2268161 01	1.2340152 01
1.4000001 02	6.7165302-02	1.2075767 01	1.2142932 01
1.4200002 02	6.5212860-02	1.1900202 01	1.1965415 01
1.4500001 02	9.2375458-02	1.1624290 01	1.1716666 01
1.4520002 02	1.5221534-01	1.1596492 01	1.1748707 01
1.4540002 02	3.5226465-01	1.1563649 01	1.1915914 01
1.4560002 02	8.5343892-01	1.1530569 01	1.2384008 01
1.4580002 02	1.7247048 00	1.1512756 01	1.3237461 01
1.4600001 02	2.6725024 00	1.1528065 01	1.4200568 01
1.4620001 02	3.0955159 00	1.1573360 01	1.4668876 01
1.4640001 02	2.6661484 00	1.1617465 01	1.4283613 01
1.4650001 02	2.2174822 00	1.1628590 01	1.3846072 01
1.4660001 02	1.7188031 00	1.1630195 01	1.3348998 01

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.4680001 02	8.5197822-01	1.1610086 01	1.2462064 01
1.4700001 02	3.5368515-01	1.1575596 01	1.1929281 01
1.4757002 02	8.0000622-02	1.1492464 01	1.1572465 01
1.4800002 02	7.2214200-02	1.1446113 01	1.1518327 01
1.4900000 02	6.9887786-02	1.1348945 01	1.1418832 01
1.5000001 02	7.1050108-02	1.1253016 01	1.1324066 01
1.5100002 02	7.3891342-02	1.1152926 01	1.1226817 01
1.5200002 02	7.9248703-02	1.1044068 01	1.1123317 01
1.5300001 02	9.5063291-02	1.0914389 01	1.1009453 01
1.5350001 02	1.9714638-01	1.0822136 01	1.1019282 01
1.5370002 02	4.6178541-01	1.0770898 01	1.1232683 01
1.5390002 02	1.1889849 00	1.0714538 01	1.1903523 01
1.5400001 02	1.8203438 00	1.0690501 01	1.2510845 01
1.5420001 02	3.6032168 00	1.0673079 01	1.4276296 01
1.5440001 02	5.4834738 00	1.0721192 01	1.6204666 01
1.5450001 02	6.0939072 00	1.0768564 01	1.6862471 01
1.5460001 02	6.3101203 00	1.0823200 01	1.7133321 01
1.5470001 02	6.0872001 00	1.0875826 01	1.6963026 01
1.5480001 02	5.4723482 00	1.0917585 01	1.6389933 01
1.5500001 02	3.5939847 00	1.0948410 01	1.4542394 01
1.5520001 02	1.8210503 00	1.0914135 01	1.2735185 01
1.5540002 02	7.5469521-01	1.0850689 01	1.1605384 01
1.5560002 02	3.0294376-01	1.0788324 01	1.1091268 01
1.5600001 02	1.2108201-01	1.0693106 01	1.0814188 01
1.5650002 02	1.0613195-01	1.0601055 01	1.0707187 01
1.5700002 02	1.0508328-01	1.0515874 01	1.0620957 01
1.5800001 02	1.1056300-01	1.0343606 01	1.0454169 01
1.5900002 02	1.2089599-01	1.0156465 01	1.0277361 01
1.6000001 02	1.3545048-01	9.9454845 00	1.0080935 01
1.6500001 02	3.6930203-01	8.0700631 00	8.4393651 00
1.6600001 02	5.2315015-01	7.3159384 00	7.8390886 00
1.6700001 02	8.1894952-01	6.2419931 00	7.0609425 00
1.6800001 02	1.5132516 00	4.6014617 00	6.1147133 00
1.6900001 02	4.0133498 00	2.0908744 00	6.1042241 00
1.6920001 02	5.4837176 00	1.7581241 00	7.2418417 00
1.6940001 02	8.5189838 00	2.5111612 00	1.1030145 01
1.6960001 02	1.6425243 01	7.8336351 00	2.4258878 01
1.6980001 02	3.8580469 01	2.8489461 01	6.7069930 01
1.7000001 02	9.4080341 01	8.7846999 01	1.8192734 02
1.7010001 02	1.4173071 02	1.4175687 02	2.8348758 02
1.7020001 02	2.0491393 02	2.1545094 02	4.2036487 02
1.7030001 02	2.8217199 02	3.0807841 02	5.9025041 02
1.7040001 02	3.6824789 02	4.1419696 02	7.8244485 02
1.7050001 02	4.5401301 02	5.2342003 02	9.7743303 02
1.7060001 02	5.2776447 02	6.2171433 02	1.1494788 03
1.7070001 02	5.7774302 02	6.9428128 02	1.2720243 03
1.7080001 02	5.9523482 02	7.2934027 02	1.3245751 03
1.7090001 02	5.7707382 02	7.2140318 02	1.2984770 03
1.7100001 02	5.2659406 02	6.7282543 02	1.1994195 03
1.7110001 02	4.5262462 02	5.9298828 02	1.0456129 03
1.7120001 02	3.6692675 02	4.9546392 02	8.6239066 02
1.7130001 02	2.8111540 02	3.9434286 02	6.7545826 02
1.7140001 02	2.0421184 02	3.0112113 02	5.0533297 02
1.7150001 02	1.4135375 02	2.2288405 02	3.6423780 02
1.7160001 02	9.3945719 01	1.6222293 02	2.5616865 02
1.7180001 02	3.8636666 01	8.8045034 01	1.2668170 02
1.7200001 02	1.6463391 01	5.5286905 01	7.1750296 01
1.7250001 02	4.6117372 00	3.2762983 01	3.7374720 01
1.7300001 02	2.5007589 00	2.6360326 01	2.8861085 01
1.7350001 02	1.6108910 00	2.2994782 01	2.4605673 01
1.7400001 02	1.1352655 00	2.0881387 01	2.2016652 01
1.7500001 02	6.6300703-01	1.8353781 01	1.9016788 01

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.8000001 02	1.7494395-01	1.4238038 01	1.4412982 01
1.8300002 02	1.3153148-01	1.3282156 01	1.3413687 01
1.8500001 02	1.2797165-01	1.2760451 01	1.2888423 01
1.8700002 02	1.4794199-01	1.2213660 01	1.2361602 01
1.8900002 02	2.3082090-01	1.1469886 01	1.1700707 01
1.9000001 02	3.5876825-01	1.0869626 01	1.1228394 01
1.9100001 02	7.7719533-01	9.7887028 00	1.0565896 01
1.9150002 02	1.8183597 00	8.7983474 00	1.0616707 01
1.9200001 02	1.5031860 01	9.5270969 00	2.4558957 01
1.9210001 02	2.4060293 01	1.1166126 01	3.5226419 01
1.9220001 02	3.7368222 01	1.3988677 01	5.1356899 01
1.9230001 02	5.5753488 01	1.8335663 01	7.4089151 01
1.9240001 02	7.9403023 01	2.4424187 01	1.0382721 02
1.9250001 02	1.0751942 02	3.2222338 01	1.3974176 02
1.9260001 02	1.3807864 02	4.1342499 01	1.7942114 02
1.9270001 02	1.6791295 02	5.1012689 01	2.1892564 02
1.9280001 02	1.9317095 02	6.0158020 01	2.5332897 02
1.9290001 02	2.1011072 02	6.7596468 01	2.7770719 02
1.9300001 02	2.1601196 02	7.2305729 01	2.8831769 02
1.9310001 02	2.0989662 02	7.3673898 01	2.8357052 02
1.9320001 02	1.9279419 02	7.1647850 01	2.6444204 02
1.9330001 02	1.6746065 02	6.6728939 01	2.3418959 02
1.9340001 02	1.3763747 02	5.9817461 01	1.9745493 02
1.9350001 02	1.0716009 02	5.1975549 01	1.5913564 02
1.9360001 02	7.9159624 01	4.4182156 01	1.2334178 02
1.9370001 02	5.5625046 01	3.7163733 01	9.2788779 01
1.9380001 02	3.7330722 01	3.1323550 01	6.8654271 01
1.9390001 02	2.4079616 01	2.6770342 01	5.0849958 01
1.9400001 02	1.5077950 01	2.3401574 01	3.8479524 01
1.9450001 02	1.8451333 00	1.6761153 01	1.8606286 01
1.9500001 02	8.0883587-01	1.5143047 01	1.5951883 01
1.9550001 02	5.6930809-01	1.4274825 01	1.4844133 01
1.9570002 02	5.7482934-01	1.4003125 01	1.4577955 01
1.9590002 02	7.0578444-01	1.3754884 01	1.4460668 01
1.9600001 02	8.4629153-01	1.3638141 01	1.4484432 01
1.9610002 02	1.0499530 00	1.3526617 01	1.4576570 01
1.9630002 02	1.6423957 00	1.3323230 01	1.4965626 01
1.9650001 02	2.3449412 00	1.3152759 01	1.5497700 01
1.9660001 02	2.6402363 00	1.3080088 01	1.5720324 01
1.9670001 02	2.8387432 00	1.3013625 01	1.5852368 01
1.9680001 02	2.9083625 00	1.2950258 01	1.5858620 01
1.9690001 02	2.8375705 00	1.2886192 01	1.5723762 01
1.9700001 02	2.6386417 00	1.2817655 01	1.5456297 01
1.9720002 02	1.9987768 00	1.2656115 01	1.4654892 01
1.9740002 02	1.3297666 00	1.2455272 01	1.3785038 01
1.9750002 02	1.0680758 00	1.2341035 01	1.3409111 01
1.9760002 02	8.7312118-01	1.2218640 01	1.3091761 01
1.9780002 02	6.7264291-01	1.1950066 01	1.2622709 01
1.9790002 02	6.5060846-01	1.1802531 01	1.2453140 01
1.9800001 02	6.7213705-01	1.1644311 01	1.2316448 01
1.9810002 02	7.3985767-01	1.1473843 01	1.2213701 01
1.9820002 02	8.7116234-01	1.1290799 01	1.2161961 01
1.9830002 02	1.1090115 00	1.1098060 01	1.2207071 01
1.9840002 02	1.5393943 00	1.0905784 01	1.2445178 01
1.9860001 02	3.6969797 00	1.0640604 01	1.4337584 01
1.9880001 02	9.9506965 00	1.1019002 01	2.0969698 01
1.9900001 02	2.4826149 01	1.3170243 01	3.7996392 01
1.9910001 02	3.6940112 01	1.5375094 01	5.2315207 01
1.9920001 02	5.2403757 01	1.8518701 01	7.0922458 01
1.9930001 02	7.0656946 01	2.2597386 01	9.3254333 01
1.9940001 02	9.0372820 01	2.7424100 01	1.1779692 02
1.9950001 02	1.0952361 02	3.2611599 01	1.4213521 02

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_B (barns)	σ_T (barns)
1.9960001 02	1.2566986 02	3.7607709 01	1.6327757 02
1.9970001 02	1.3647015 02	4.1795929 01	1.7826608 02
1.9980001 02	1.4022746 02	4.4625811 01	1.8485327 02
1.9990001 02	1.3633156 02	4.5744211 01	1.8207577 02
2.0000001 02	1.2542413 02	4.5078190 01	1.7050232 02
2.0010001 02	1.0922243 02	4.2842029 01	1.5206446 02
2.0020001 02	9.0075553 01	3.9469026 01	1.2954458 02
2.0030001 02	7.0404946 01	3.5495054 01	1.0590000 02
2.0040001 02	5.2219928 01	3.1435369 01	8.3655297 01
2.0050001 02	3.6824942 01	2.7690756 01	6.4515698 01
2.0060001 02	2.4765300 01	2.4503635 01	4.9268935 01
2.0080001 02	9.9368706 00	2.0040302 01	2.9977173 01
2.0100001 02	3.6740821 00	1.7645967 01	2.1320050 01
2.0120002 02	1.4921171 00	1.6436406 01	1.7928523 01
2.0150001 02	6.4851056-01	1.5543481 01	1.6191991 01
2.0200001 02	4.1175314-01	1.4792019 01	1.5203772 01
2.0220001 02	4.4592269-01	1.4587161 01	1.5033083 01
2.0240001 02	5.6542867-01	1.4414964 01	1.4980392 01
2.0250001 02	6.5378859-01	1.4339906 01	1.4993695 01
2.0260001 02	7.5203111-01	1.4271934 01	1.5023965 01
2.0280001 02	9.2878298-01	1.4155904 01	1.5084687 01
2.0300001 02	9.9221305-01	1.4061263 01	1.5053476 01
2.0320002 02	8.9278836-01	1.3978295 01	1.4871083 01
2.0350001 02	5.6160805-01	1.3857342 01	1.4418950 01
2.0380002 02	2.8607247-01	1.3735932 01	1.4022004 01
2.0400001 02	1.9268937-01	1.3659201 01	1.3851890 01
2.0500001 02	1.1116371-01	1.3350805 01	1.3461969 01
2.0800002 02	8.0870161-02	1.2751663 01	1.2832533 01
2.1000001 02	7.7615812-02	1.2439304 01	1.2516920 01
2.1200002 02	8.2324971-02	1.2127686 01	1.2210011 01
2.1400002 02	9.8034201-02	1.1767589 01	1.1865623 01
2.1500001 02	1.1345704-01	1.1545986 01	1.1659443 01
2.1700000 02	1.8288379-01	1.0916678 01	1.1099562 01
2.1800002 02	2.6942825-01	1.0406377 01	1.0675805 01
2.1900000 02	4.7701382-01	9.5771443 00	1.0054158 01
2.1950002 02	7.1766258-01	8.9116961 00	9.6293587 00
2.2000001 02	1.3328571 00	7.9154722 00	9.2483293 00
2.2020001 02	2.0674526 00	7.4569413 00	9.5243938 00
2.2040001 02	4.0300601 00	7.2789719 00	1.1309032 01
2.2060001 02	9.5203111 00	8.3713457 00	1.7891657 01
2.2080001 02	2.3415092 01	1.3108511 01	3.6523603 01
2.2100001 02	5.2795233 01	2.5385718 01	7.8180951 01
2.2120001 02	1.0232825 02	4.8651469 01	1.5097972 02
2.2140001 02	1.6584596 02	8.1500450 01	2.4734641 02
2.2160001 02	2.2217086 02	1.1445950 02	3.3663036 02
2.2180001 02	2.4486042 02	1.3352140 02	3.7838182 02
2.2200001 02	2.2178757 02	1.2994362 02	3.5173119 02
2.2210001 02	1.9618014 02	1.2027886 02	3.1645900 02
2.2220001 02	1.6536230 02	1.0712998 02	2.7249228 02
2.2230001 02	1.3292321 02	9.2233061 01	2.2515627 02
2.2240001 02	1.0201125 02	7.7237530 01	1.7924878 02
2.2250001 02	7.4873098 01	6.3436111 01	1.3830921 02
2.2260001 02	5.2695789 01	5.1634651 01	1.0433044 02
2.2270001 02	3.5704297 01	4.2153121 01	7.7857418 01
2.2280001 02	2.3432683 01	3.4930123 01	5.8362806 01
2.2290001 02	1.5033673 01	2.9662841 01	4.4696514 01
2.2300001 02	9.5562235 00	2.5946841 01	3.5503065 01
2.2320000 02	4.0485347 00	2.1606678 01	2.5655213 01
2.2350000 02	1.6175352 00	1.8815514 01	2.0433049 01
2.2400001 02	7.8435772-01	1.6930537 01	1.7714894 01
2.2500001 02	3.6158151-01	1.5294271 01	1.5655853 01
2.3000001 02	8.4446631-02	1.3192589 01	1.3277035 01

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.3500000 02	5.8677611-02	1.2508025 01	1.2566702 01
2.4000001 02	5.9162723-02	1.1970614 01	1.2029776 01
2.4300000 02	7.0626021-02	1.1585528 01	1.1656154 01
2.4500002 02	8.9700848-02	1.1236565 01	1.1326266 01
2.4600002 02	1.0727084-01	1.1005624 01	1.1112895 01
2.4700000 02	1.3616690-01	1.0708341 01	1.0844508 01
2.4800000 02	1.8855953-01	1.0298820 01	1.0487379 01
2.4900000 02	2.9985714-01	9.6760200 00	9.9758771 00
2.5000001 02	6.2297098-01	8.5607055 00	9.1836765 00
2.5050002 02	1.2534896 00	7.6191596 00	8.8726491 00
2.5070002 02	2.1399585 00	7.2907358 00	9.4306943 00
2.5090002 02	4.5217433 00	7.4882506 00	1.2009994 01
2.5100001 02	6.9212526 00	8.1169725 00	1.5038225 01
2.5110001 02	1.0700927 01	9.4172880 00	2.0118215 01
2.5120001 02	1.6442825 01	1.1732342 01	2.8175167 01
2.5130001 02	2.4805014 01	1.5474195 01	4.0279209 01
2.5140001 02	3.6424473 01	2.1077025 01	5.7501498 01
2.5150001 02	5.1765202 01	2.8915555 01	8.0680757 01
2.5160001 02	7.0928511 01	3.9193609 01	1.1012212 02
2.5180001 02	1.1825363 02	6.6328640 01	1.8458227 02
2.5200001 02	1.6688063 02	9.7008390 01	2.6388902 02
2.5220001 02	1.9834303 02	1.2070382 02	3.1904685 02
2.5230001 02	2.0261816 02	1.2663807 02	3.2925623 02
2.5240001 02	1.9818777 02	1.2764100 02	3.2582877 02
2.5250001 02	1.8562791 02	1.2373834 02	3.0936625 02
2.5260001 02	1.6652102 02	1.1557766 02	2.8209869 02
2.5280001 02	1.1791173 02	9.1187319 01	2.0909905 02
2.5300001 02	7.0739690 01	6.4815299 01	1.3555499 02
2.5320001 02	3.6382964 01	4.3951143 01	8.0334107 01
2.5340001 02	1.6469446 01	3.0717072 01	4.7186518 01
2.5350001 02	1.0735990 01	2.6538157 01	3.7274147 01
2.5360002 02	6.9546748 00	2.3559230 01	3.0513905 01
2.5380002 02	3.0608109 00	2.0001739 01	2.3062550 01
2.5400001 02	1.6024902 00	1.8197000 01	1.9799491 01
2.5450002 02	6.9484065-01	1.6191297 01	1.6886138 01
2.5500001 02	4.4953013-01	1.5189857 01	1.5639387 01
2.5600002 02	2.5719760-01	1.4058560 01	1.4315757 01
2.5700000 02	1.8530213-01	1.3379696 01	1.3564998 01
2.5800002 02	1.5674541-01	1.2874530 01	1.3031275 01
2.5900000 02	1.5299622-01	1.2427346 01	1.2580342 01
2.6000001 02	1.7496716-01	1.1955906 01	1.2130873 01
2.6100001 02	2.4861861-01	1.1345654 01	1.1594272 01
2.6200001 02	5.5442538-01	1.0290441 01	1.0844867 01
2.6250002 02	2.1014873 00	9.5550177 00	1.1656505 01
2.6300001 02	1.7689275 01	1.2691072 01	3.0380347 01
2.6320001 02	3.6327509 01	1.8473581 01	5.4801090 01
2.6340001 02	6.4493162 01	2.8505718 01	9.2998881 01
2.6350001 02	8.0996179 01	3.4926131 01	1.1592231 02
2.6360001 02	9.7668735 01	4.1846854 01	1.3951559 02
2.6380001 02	1.2543843 02	5.4969339 01	1.8040777 02
2.6390001 02	1.3353049 02	5.9925800 01	1.9345629 02
2.6400001 02	1.3630885 02	6.3094580 01	1.9940343 02
2.6410001 02	1.3343256 02	6.4172239 01	1.9760480 02
2.6420001 02	1.2525736 02	6.3113099 01	1.8837046 02
2.6440001 02	9.7417219 01	5.5676400 01	1.5309362 02
2.6450001 02	8.0766946 01	5.0277324 01	1.3104427 02
2.6460001 02	6.4304467 01	4.4514062 01	1.0881853 02
2.6480001 02	3.6245602 01	3.3772491 01	7.0018092 01
2.6500000 02	1.7680516 01	2.5816457 01	4.3496973 01
2.6520002 02	7.6959621 00	2.0927149 01	2.8623110 01
2.6550001 02	2.1049020 00	1.7459345 01	1.9564246 01
2.6580002 02	7.9264038-01	1.6090050 01	1.6882690 01

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.6600001 02	5.4055139-01	1.5592928 01	1.6133479 01
2.6800001 02	1.4262637-01	1.3778728 01	1.3921354 01
2.7000001 02	8.6884928-02	1.3145678 01	1.3232563 01
2.7200000 02	6.9203283-02	1.2759468 01	1.2828672 01
2.7400002 02	6.3396223-02	1.2459003 01	1.2522399 01
2.7500001 02	6.3030344-02	1.2320870 01	1.2383900 01
2.7600002 02	6.4136958-02	1.2183884 01	1.2248021 01
2.7800002 02	7.1576865-02	1.1893915 01	1.1965492 01
2.8000001 02	9.1075548-02	1.1538636 01	1.1629712 01
2.8100002 02	1.1058328-01	1.1307484 01	1.1418067 01
2.8200002 02	1.4469850-01	1.1007636 01	1.1152334 01
2.8300002 02	2.1188349-01	1.0582187 01	1.0794071 01
2.8400002 02	3.7620767-01	9.8900553 00	1.0266263 01
2.8450002 02	5.7877058-01	9.3281459 00	9.9069164 00
2.8500001 02	1.3074380 00	8.5251266 00	9.8325645 00
2.8520001 02	2.4060184 00	8.2670366 00	1.0673055 01
2.8540001 02	5.1791703 00	8.4399777 00	1.3619148 01
2.8560001 02	1.1671845 01	9.8456249 00	2.1517470 01
2.8580001 02	2.4976614 01	1.3865567 01	3.8842182 01
2.8600001 02	4.8051319 01	2.2118507 01	7.0169826 01
2.8620001 02	8.0982118 01	3.5361472 01	1.1634359 02
2.8640001 02	1.1813882 02	5.2052761 01	1.7019158 02
2.8650001 02	1.3492284 02	6.0427531 01	1.9535037 02
2.8660001 02	1.4836949 02	6.7901459 01	2.1627095 02
2.8670001 02	1.5706180 02	7.3784182 01	2.3084598 02
2.8680001 02	1.6003513 02	7.7519020 01	2.3755415 02
2.8690001 02	1.5695281 02	7.8778160 01	2.3573097 02
2.8700000 02	1.4817036 02	7.7516840 01	2.2568720 02
2.8710001 02	1.3466306 02	7.3972040 01	2.0863510 02
2.8720001 02	1.1785879 02	6.8617470 01	1.8647626 02
2.8740001 02	8.0756677 01	5.4960452 01	1.3571713 02
2.8750001 02	6.3313535 01	4.7899324 01	1.1121286 02
2.8760001 02	4.7942257 01	4.1341988 01	8.9284245 01
2.8780001 02	2.4958266 01	3.0783362 01	5.5741628 01
2.8800001 02	1.1691609 01	2.3954352 01	3.5645961 01
2.8830002 02	3.5004896 00	1.8850805 01	2.2351294 01
2.8850002 02	1.7379281 00	1.7306566 01	1.9044494 01
2.8870002 02	1.0389187 00	1.6413138 01	1.7452057 01
2.8900001 02	6.4580706-01	1.5602252 01	1.6248059 01
2.9000001 02	2.8835657-01	1.4275963 01	1.4564319 01
2.9300002 02	1.0344492-01	1.2906250 01	1.3009695 01
2.9500001 02	8.0024959-02	1.2461501 01	1.2541526 01
2.9700000 02	7.3870167-02	1.2096562 01	1.2170432 01
2.9800000 02	7.5051715-02	1.1916508 01	1.1991560 01
3.0000001 02	8.7862962-02	1.1511426 01	1.1599289 01
3.0100002 02	1.0339901-01	1.1255962 01	1.1359361 01
3.0200002 02	1.3255955-01	1.0926318 01	1.1058877 01
3.0300002 02	1.9421325-01	1.0452959 01	1.0647172 01
3.0400002 02	3.6586863-01	9.6485544 00	1.0014423 01
3.0450002 02	6.8573745-01	8.9760247 00	9.6617622 00
3.0500001 02	3.2313178 00	8.6271962 00	1.1858514 01
3.0520001 02	7.3108042 00	9.6056036 00	1.6916408 01
3.0540001 02	1.5942175 01	1.2629500 01	2.8571675 01
3.0550001 02	2.2769597 01	1.5373970 01	3.8143567 01
3.0560001 02	3.1619295 01	1.9182600 01	5.0801895 01
3.0580001 02	5.5494405 01	3.0356336 01	8.5850741 01
3.0600001 02	8.5108486 01	4.5606124 01	1.3071461 02
3.0620001 02	1.1340011 02	6.1896810 01	1.7529692 02
3.0640001 02	1.13092089 02	7.4384810 01	2.0530570 02
3.0650001 02	1.3326212 02	7.7765110 01	2.1102723 02
3.0660001 02	1.3083519 02	7.8790418 01	2.0962561 02
3.0680000 02	1.1319644 02	7.3914490 01	1.8711093 02

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
3.0700001 02	8.4894415 01	6.2259455 01	1.4715387 02
3.0720001 02	5.5350870 01	4.8303639 01	1.0365451 02
3.0740001 02	3.1564636 01	3.5953899 01	6.7518535 01
3.0750001 02	2.2749021 01	3.1045630 01	5.3794650 01
3.0760001 02	1.5944500 01	2.7064441 01	4.3008941 01
3.0780001 02	7.3315472 00	2.1581873 01	2.8913420 01
3.0800001 02	3.2484992 00	1.8534226 01	2.1782726 01
3.0850002 02	6.8706868-01	1.5664971 01	1.6352040 01
3.0900000 02	3.6519047-01	1.4673768 01	1.5038959 01
3.1000001 02	1.9449216-01	1.3695350 01	1.3889842 01
3.1200001 02	1.0525300-01	1.2788309 01	1.2893562 01
3.1400001 02	8.2240626-02	1.2274489 01	1.2356730 01
3.1500001 02	7.8236547-02	1.2067368 01	1.2145605 01
3.1600001 02	7.7015800-02	1.1873962 01	1.1950978 01
3.1800001 02	8.1049671-02	1.1495101 01	1.1576151 01
3.2000000 02	9.4167798-02	1.1082028 01	1.1176195 01
3.2500001 02	2.4434279-01	9.3426073 00	9.5869500 00
3.2600001 02	3.5421907-01	8.6429277 00	8.9971468 00
3.2800001 02	1.2738537 00	5.8687848 00	7.1426384 00
3.2850002 02	2.7670888 00	4.9514706 00	7.7185594 00
3.2900001 02	1.2720103 01	1.0406788 01	2.3126891 01
3.2910001 02	1.8080087 01	1.4573853 01	3.2653940 01
3.2920001 02	2.5528355 01	2.0799292 01	4.6327647 01
3.2930001 02	3.5552714 01	2.9651142 01	6.5203856 01
3.2940001 02	4.8575633 01	4.1666095 01	9.0241728 01
3.2950001 02	6.4852621 01	5.7245829 01	1.2209845 02
3.2960001 02	8.4370449 01	7.6545340 01	1.6091579 02
3.2980001 02	1.3111189 02	1.2496192 02	2.5607381 02
3.3000001 02	1.8045956 02	1.7955888 02	3.6001844 02
3.3020001 02	2.1887061 02	2.2663544 02	4.4550605 02
3.3030001 02	2.2968852 02	2.4260088 02	4.7228940 02
3.3040001 02	2.3336913 02	2.5156599 02	4.8493512 02
3.3050001 02	2.2955117 02	2.5282573 02	4.8237690 02
3.3060001 02	2.1861414 02	2.4643446 02	4.6504860 02
3.3080001 02	1.8008077 02	2.1444329 02	3.9452406 02
3.3100000 02	1.3077423 02	1.6767490 02	2.9844913 02
3.3120001 02	8.4166611 01	1.2019015 02	2.0435676 02
3.3140001 02	4.8505972 01	8.1671877 01	1.3017785 02
3.3150001 02	3.5530314 01	6.6984927 01	1.0251524 02
3.3200001 02	6.4336789 00	3.0605236 01	3.7038915 01
3.3300001 02	1.0526416 00	1.9457133 01	2.0509774 01
3.3400001 02	5.3489697-01	1.6770234 01	1.7305131 01
3.3500001 02	3.4693836-01	1.5331236 01	1.5678174 01
3.3700002 02	2.2270737-01	1.3597607 01	1.3820314 01
3.3800002 02	2.1451166-01	1.2903677 01	1.3118189 01
3.4000001 02	3.2439199-01	1.1255095 01	1.1579487 01
3.4100002 02	6.4831791-01	9.8040512 00	1.0452369 01
3.4150002 02	1.7791114 00	8.9518276 00	1.0730939 01
3.4200001 02	1.0797945 01	1.2422553 01	2.3220498 01
3.4220001 02	2.1780655 01	1.8887294 01	4.0667949 01
3.4240001 02	4.0129398 01	3.1059660 01	7.1189058 01
3.4250001 02	5.2295771 01	3.9668258 01	9.1964028 01
3.4260001 02	6.6188743 01	4.9896718 01	1.1608546 02
3.4280001 02	9.6792040 01	7.3833660 01	1.7062570 02
3.4300001 02	1.2490371 02	9.8086310 01	2.2299002 02
3.4310001 02	1.3527816 02	1.0822556 02	2.4350372 02
3.4320001 02	1.4190505 02	1.1593361 02	2.5783866 02
3.4330000 02	1.4415627 02	1.2057802 02	2.6473429 02
3.4340001 02	1.4182095 02	1.2181217 02	2.6363312 02
3.4350001 02	1.3512463 02	1.1961426 02	2.5473889 02
3.4360001 02	1.2469718 02	1.1428695 02	2.3898413 02
3.4380001 02	9.6563092 01	9.6724777 01	1.9328787 02

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_n (barns)
3.4400001 02	6.6015941 01	7.5208989 01	1.4122493 02
3.4420001 02	4.0041278 01	5.5379039 01	9.5420317 01
3.4440001 02	2.1756828 01	4.0337754 01	6.2094582 01
3.4450001 02	1.5474855 01	3.4823603 01	5.0298458 01
3.4470002 02	7.4401194 00	2.7224487 01	3.4664607 01
3.4500001 02	2.4552395 00	2.1598185 01	2.4053424 01
3.4600002 02	4.2095295-01	1.7138772 01	1.7559725 01
3.4700002 02	2.3235610-01	1.5804092 01	1.6036448 01
3.4800002 02	1.5909366-01	1.5046779 01	1.5205872 01
3.4900002 02	1.2236732-01	1.4532885 01	1.4655252 01
3.5000001 02	1.0143918-01	1.4145552 01	1.4246991 01
3.5300002 02	7.5818121-02	1.3320699 01	1.3396517 01
3.5500001 02	7.2713273-02	1.2876209 01	1.2948922 01
3.5700002 02	7.7333312-02	1.2428584 01	1.2505917 01
3.6000001 02	1.0769239-01	1.1588911 01	1.1696604 01
3.6200001 02	1.7469796-01	1.0688551 01	1.0863249 01
3.6400001 02	4.7608651-01	8.8124270 00	9.2885133 00
3.6450002 02	8.3334054-01	7.9413158 00	8.7746563 00
3.6500001 02	2.9990915 00	7.7170954 00	1.0716187 01
3.6530002 02	8.7831095 00	1.0673029 01	1.9456138 01
3.6550001 02	1.7582611 01	1.6631059 01	3.4213670 01
3.6560001 02	2.4237245 01	2.1562810 01	4.5800055 01
3.6580001 02	4.2975554 01	3.6444440 01	7.9419995 01
3.6600001 02	6.8629072 01	5.8325237 01	1.2695431 02
3.6620001 02	9.7899925 01	8.5055015 01	1.8295494 02
3.6640001 02	1.2423538 02	1.1130353 02	2.3553891 02
3.6650001 02	1.3385656 02	1.2204737 02	2.5590393 02
3.6660001 02	1.3997369 02	1.3007621 02	2.7004990 02
3.6670001 02	1.4205362 02	1.3477210 02	2.7682572 02
3.6680001 02	1.3990682 02	1.3579616 02	2.7570298 02
3.6690001 02	1.3373325 02	1.3314592 02	2.6687917 02
3.6700001 02	1.2407612 02	1.2714001 02	2.5121613 02
3.6720001 02	9.7730986 01	1.0761314 02	2.0534412 02
3.6740001 02	6.8532916 01	8.3528333 01	1.5206125 02
3.6750001 02	5.5013675 01	7.1735704 01	1.2674938 02
3.6800001 02	1.2686109 01	3.1273516 01	4.3959625 01
3.6850002 02	2.4607984 00	1.8443831 01	2.0904629 01
3.6870002 02	1.6436208 00	1.6516986 01	1.8160607 01
3.6890002 02	1.4435381 00	1.5201986 01	1.6645524 01
3.6900001 02	1.5135561 00	1.4677855 01	1.6191411 01
3.6920002 02	2.0853785 00	1.3864629 01	1.5950007 01
3.6950002 02	5.1147189 00	1.3701007 01	1.8815726 01
3.6980002 02	1.4228759 01	1.6816422 01	3.1045181 01
3.7000001 02	2.6272493 01	2.2517324 01	4.8789817 01
3.7020001 02	4.4124555 01	3.2220687 01	7.6345242 01
3.7040001 02	6.6498345 01	4.5738985 01	1.1223733 02
3.7050001 02	7.8217557 01	5.3393283 01	1.3161084 02
3.7060001 02	8.9363944 01	6.1131555 01	1.5049550 02
3.7080001 02	1.0676395 02	7.4872011 01	1.8163596 02
3.7090001 02	1.1160948 02	7.9888329 01	1.9149781 02
3.7100001 02	1.1325164 02	8.3138520 01	1.9639016 02
3.7110001 02	1.1153739 02	8.4392269 01	1.9592966 02
3.7120001 02	1.0662299 02	8.3604780 01	1.9022777 02
3.7140001 02	8.9135118 01	7.6603732 01	1.6573885 02
3.7150000 02	7.7973145 01	7.1085264 01	1.4905841 02
3.7160001 02	6.6252678 01	6.4816900 01	1.3106958 02
3.7180001 02	4.3900247 01	5.1798074 01	9.5698321 01
3.7200001 02	2.6070506 01	4.0385901 01	6.6456407 01
3.7220002 02	1.4019464 01	3.1907880 01	4.5927344 01
3.7250002 02	4.8334709 00	2.4459796 01	2.9293267 01
3.7280002 02	1.6625423 00	2.1071457 01	2.2733999 01
3.7300001 02	9.3389011-01	1.9912386 01	2.0846276 01

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
3.7400001 02	2.8872567-01	1.7564825 01	1.7853550 01
3.7500001 02	1.7595601-01	1.6551902 01	1.6727858 01
3.8000001 02	5.9737141-02	1.4698524 01	1.4758261 01
3.8500001 02	4.0301364-02	1.4009044 01	1.4049345 01
3.9000000 02	3.4567038-02	1.3576185 01	1.3610752 01
3.9500001 02	3.7155574-02	1.3185124 01	1.3222279 01
3.9700002 02	4.4484697-02	1.2982111 01	1.3026596 01
3.9900002 02	6.9993904-02	1.2656458 01	1.2726452 01
4.0000001 02	1.1504268-01	1.2349260 01	1.2464303 01
4.0100000 02	7.9414594-01	1.1740386 01	1.2534532 01
4.0150002 02	4.9850303 00	1.1792740 01	1.6777770 01
4.0200001 02	2.0478629 01	1.4448805 01	3.4927434 01
4.0220001 02	3.0121698 01	1.6741080 01	4.6862778 01
4.0240001 02	3.9730001 01	1.9498895 01	5.9228896 01
4.0250001 02	4.3780132 01	2.0893047 01	6.4673179 01
4.0260001 02	4.6922616 01	2.2189018 01	6.9111634 01
4.0270001 02	4.8910805 01	2.3305024 01	7.2215829 01
4.0280001 02	4.9584158 01	2.4170090 01	7.3754248 01
4.0290001 02	4.8887267 01	2.4732553 01	7.3619821 01
4.0300001 02	4.6877493 01	2.4965322 01	7.1842815 01
4.0320001 02	3.9659993 01	2.4472825 01	6.4132818 01
4.0340001 02	3.0053681 01	2.2987964 01	5.3041645 01
4.0350001 02	2.5115274 01	2.2033377 01	4.7148651 01
4.0360001 02	2.0432786 01	2.1028438 01	4.1461224 01
4.0380001 02	1.2503037 01	1.9092897 01	3.1595934 01
4.0400001 02	6.9291112 00	1.7495638 01	2.4424749 01
4.0500001 02	2.4051426-01	1.4537847 01	1.4778361 01
4.0600002 02	8.8482388-02	1.4010191 01	1.4098674 01
4.0700002 02	5.9046244-02	1.3758214 01	1.3817260 01
4.0800002 02	4.5986559-02	1.3598238 01	1.3644224 01
4.0900002 02	3.9009165-02	1.3482599 01	1.3521608 01
4.1000001 02	3.4964208-02	1.3391573 01	1.3426537 01
4.1100002 02	3.3175680-02	1.3314344 01	1.3347520 01
4.1200000 02	7.7687722-02	1.3238860 01	1.3316548 01
4.1250001 02	2.4876943-01	1.3200894 01	1.3449663 01
4.1300001 02	5.5905074-01	1.3182624 01	1.3741675 01
4.1320001 02	6.5297588-01	1.3184474 01	1.3837450 01
4.1340001 02	6.8756061-01	1.3189731 01	1.3877292 01
4.1350001 02	6.7832364-01	1.3192676 01	1.3870999 01
4.1360001 02	6.5194329-01	1.3195265 01	1.3847208 01
4.1380001 02	5.5725196-01	1.3197931 01	1.3755183 01
4.1400001 02	4.3064790-01	1.3195810 01	1.3626458 01
4.1500001 02	4.8992668-02	1.3139406 01	1.3188399 01
4.2000001 02	2.4046649-02	1.2935131 01	1.2959177 01
4.3000001 02	2.2878045-02	1.2628490 01	1.2651368 01
4.4000001 02	2.4257525-02	1.2306361 01	1.2330619 01
4.5000001 02	3.1773357-02	1.1811386 01	1.1843160 01
4.5500001 02	1.0160950-01	1.1309201 01	1.1410810 01
4.5550001 02	2.7014259-01	1.1230924 01	1.1501067 01
4.5600000 02	5.4406339-01	1.1161924 01	1.1705987 01
4.5620001 02	6.2401990-01	1.1139169 01	1.1763189 01
4.5640001 02	6.5433310-01	1.1117531 01	1.1771864 01
4.5650001 02	6.4769913-01	1.1106372 01	1.1754071 01
4.5660001 02	6.2692232-01	1.1094543 01	1.1721465 01
4.5680001 02	5.5008605-01	1.1067708 01	1.1617794 01
4.5700001 02	4.4467722-01	1.1035359 01	1.1480036 01
4.5720002 02	3.3517273-01	1.0997101 01	1.1332274 01
4.5740002 02	2.4087382-01	1.0953604 01	1.1194478 01
4.5760002 02	1.7126080-01	1.0906025 01	1.1077286 01
4.5780002 02	1.2671569-01	1.0855464 01	1.0982180 01
4.5800001 02	1.0214669-01	1.0802588 01	1.0904734 01
4.5850002 02	8.7850466-02	1.0660740 01	1.0748591 01

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_g (barns)	σ_T (barns)
4.5900002 02	9.6082968-02	1.0501181 01	1.0597264 01
4.5950002 02	1.1028300-01	1.0316865 01	1.0427148 01
4.6000001 02	1.2973137-01	1.0099303 01	1.0229035 01
4.6100001 02	1.9595362-01	9.5125322 00	9.7084859 00
4.6200001 02	3.5979048-01	8.5520724 00	8.9118629 00
4.6250002 02	6.0895855-01	7.8346628 00	8.4436214 00
4.6300001 02	1.8171050 00	7.4800563 00	9.2971614 00
4.6350002 02	8.8538064 00	1.2311673 01	2.1165479 01
4.6400001 02	3.5172000 01	3.8275047 01	7.3447048 01
4.6420001 02	5.3295848 01	5.8192882 01	1.1148873 02
4.6440001 02	7.3886230 01	8.2236840 01	1.5612307 02
4.6450001 02	8.4057121 01	9.4747688 01	1.7880481 02
4.6460001 02	9.3432618 01	1.0680157 02	2.0023419 02
4.6480000 02	1.0759904 02	1.2693073 02	2.3452977 02
4.6490001 02	1.1145835 02	1.3380976 02	2.4526811 02
4.6500001 02	1.1275959 02	1.3796359 02	2.5072318 02
4.6510001 02	1.1141073 02	1.3916082 02	2.5057155 02
4.6520001 02	1.0750997 02	1.3738451 02	2.4489448 02
4.6540001 02	9.3287285 01	1.2585032 02	2.1913761 02
4.6550001 02	8.3904279 01	1.1698268 02	2.0088696 02
4.6560001 02	7.3736560 01	1.0681104 02	1.8054760 02
4.6580001 02	5.3181278 01	8.4972132 01	1.3815341 02
4.6600001 02	3.5109073 01	6.4531149 01	9.9640222 01
4.6650002 02	8.8645289 00	3.1900080 01	4.0764609 01
4.6700001 02	1.8255230 00	2.1043364 01	2.2868887 01
4.6750002 02	6.0994949-01	1.7984162 01	1.8594111 01
4.6800001 02	3.5979930-01	1.6706264 01	1.7066044 01
4.7000001 02	1.3123765-01	1.4625258 01	1.4756495 01
4.7500001 02	5.3986175-02	1.3068969 01	1.3122955 01
4.7700002 02	4.9301056-02	1.2725299 01	1.2774600 01
4.7800002 02	4.8880025-02	1.2565112 01	1.2613992 01
4.8000001 02	5.1558912-02	1.2239396 01	1.2290955 01
4.8500001 02	1.0198385-01	1.1027847 01	1.1129831 01
4.8600001 02	1.3763764-01	1.0572309 01	1.0709946 01
4.8700001 02	2.0749507-01	9.9137629 00	1.0121258 01
4.8800001 02	3.8391919-01	8.8460230 00	9.2299421 00
4.8850002 02	6.7171374-01	8.0771146 00	8.7488283 00
4.8900001 02	2.0928182 00	7.9135158 00	1.0006334 01
4.8950002 02	9.7569697 00	1.4102016 01	2.3858986 01
4.9000001 02	3.6170938 01	4.3397843 01	7.9568780 01
4.9020001 02	5.3601904 01	6.4837975 01	1.1843988 02
4.9040001 02	7.3008607 01	9.0181863 01	1.6319047 02
4.9050001 02	8.2479196 01	1.0321244 02	1.8569164 02
4.9060001 02	9.1152540 01	1.1569202 02	2.0684456 02
4.9080001 02	1.0416905 02	1.3642614 02	2.4059519 02
4.9090001 02	1.0769779 02	1.4351079 02	2.5120858 02
4.9100001 02	1.0888633 02	1.4782166 02	2.5670799 02
4.9110001 02	1.0765400 02	1.4913333 02	2.5678733 02
4.9120001 02	1.0408581 02	1.4742252 02	2.5150833 02
4.9140001 02	9.1018052 01	1.3583188 02	2.2684993 02
4.9150001 02	8.2334071 01	1.2680256 02	2.0913663 02
4.9160001 02	7.2865504 01	1.1636518 02	1.8923068 02
4.9180001 02	5.3489431 01	9.3656079 01	1.4714551 02
4.9200001 02	3.6103835 01	7.1963135 01	1.0806697 02
4.9250002 02	9.7632250 00	3.5918578 01	4.5681803 01
4.9300001 02	2.0997740 00	2.3129784 01	2.5229558 01
4.9350002 02	6.7054390-01	1.9438911 01	2.0109455 01
4.9400001 02	3.8086971-01	1.7957722 01	1.8338952 01
4.9500001 02	2.0406134-01	1.6460228 01	1.6664289 01
5.0000001 02	5.4081796-02	1.4220393 01	1.4274475 01
5.0300002 02	3.9806497-02	1.3745735 01	1.3785542 01
5.0500001 02	3.5804555-02	1.3516116 01	1.3551920 01

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
5.0700002 02	3.4918549-02	1.3312539 01	1.3347458 01
5.1000001 02	5.1592416-02	1.2947220 01	1.2998812 01
5.1050002 02	7.8945766-02	1.2842552 01	1.2921498 01
5.1100001 02	2.6578967-01	1.2694592 01	1.2960382 01
5.1150002 02	1.3554875 00	1.2524192 01	1.3879679 01
5.1200001 02	5.0887328 00	1.2567907 01	1.7656640 01
5.1219999 02	7.5220830 00	1.2748800 01	2.0270883 01
5.1240001 02	1.0211065 01	1.3051106 01	2.3262171 01
5.1250001 02	1.1517185 01	1.3243312 01	2.4760497 01
5.1260001 02	1.2711095 01	1.3455993 01	2.6167088 01
5.1280000 02	1.4496151 01	1.3909011 01	2.8405162 01
5.1290001 02	1.4979183 01	1.4129687 01	2.9108870 01
5.1300001 02	1.5142651 01	1.4332565 01	2.9475216 01
5.1310001 02	1.4973718 01	1.4508290 01	2.9482008 01
5.1320000 02	1.4485196 01	1.4649264 01	2.9134460 01
5.1340001 02	1.2692879 01	1.4809360 01	2.7502239 01
5.1350001 02	1.1497809 01	1.4826477 01	2.6324286 01
5.1360000 02	1.0191921 01	1.4804896 01	2.4996817 01
5.1380001 02	7.5067803 00	1.4667799 01	2.2174579 01
5.1400001 02	5.0791194 00	1.4451705 01	1.9530824 01
5.1450002 02	1.3558041 00	1.3886618 01	1.5244422 01
5.1500000 02	2.6599175-01	1.3543372 01	1.3809363 01
5.1600001 02	4.9622816-02	1.3263368 01	1.3312990 01
5.1700002 02	3.7306817-02	1.3124954 01	1.3162261 01
5.1800002 02	3.2838302-02	1.3024005 01	1.3056843 01
5.1900001 02	3.0839083-02	1.2938660 01	1.2969499 01
5.2000001 02	3.0063788-02	1.2860121 01	1.2890184 01
5.2100002 02	3.0097001-02	1.2783428 01	1.2813525 01
5.2300001 02	3.2365828-02	1.2620872 01	1.2653238 01
5.2500001 02	3.9265973-02	1.2416334 01	1.2455600 01
5.2600000 02	4.6582877-02	1.2278292 01	1.2324875 01
5.2700001 02	6.0148823-02	1.2091785 01	1.2151933 01
5.2800002 02	8.9905455-02	1.1809043 01	1.1898949 01
5.2900002 02	2.3944372-01	1.1298448 01	1.1537892 01
5.2950002 02	9.5214615-01	1.0981133 01	1.1933279 01
5.3000001 02	4.7568743 00	1.1416672 01	1.6173546 01
5.3020001 02	8.3556736 00	1.2298625 01	2.0654299 01
5.3040001 02	1.3675788 01	1.3889301 01	2.7565089 01
5.3050001 02	1.7000224 01	1.4996059 01	3.1996283 01
5.3060001 02	2.0717523 01	1.6315818 01	3.7033341 01
5.3080000 02	2.8952317 01	1.9522649 01	4.8474966 01
5.3100001 02	3.7250857 01	2.3196380 01	6.0447237 01
5.3120000 02	4.4077838 01	2.6783117 01	7.0860956 01
5.3140001 02	4.7944575 01	2.9625375 01	7.7569949 01
5.3150001 02	4.8444435 01	3.0583880 01	7.9028315 01
5.3160001 02	4.7926274 01	3.1168788 01	7.9095062 01
5.3180001 02	4.4032501 01	3.1161290 01	7.5193791 01
5.3200001 02	3.7188971 01	2.9728909 01	6.6917880 01
5.3220001 02	2.8895659 01	2.7311933 01	5.6207592 01
5.3240001 02	2.0677081 01	2.4480404 01	4.5157484 01
5.3250001 02	1.6968823 01	2.3075494 01	4.0044317 01
5.3300001 02	4.7599525 00	1.7686288 01	2.2446241 01
5.3350001 02	9.5662298-01	1.5333307 01	1.6289930 01
5.3400001 02	2.3992700-01	1.4492461 01	1.4732388 01
5.3450001 02	1.2336359-01	1.4110379 01	1.4233742 01
5.3500001 02	8.9167271-02	1.3872777 01	1.3961944 01
5.3600002 02	5.9455064-02	1.3569394 01	1.3628849 01
5.3700000 02	4.6026583-02	1.3373793 01	1.3419820 01
5.3800001 02	3.9062633-02	1.3230082 01	1.3269145 01
5.3900002 02	3.5683805-02	1.3113030 01	1.3148714 01
5.4000001 02	3.6183346-02	1.3005212 01	1.3041396 01
5.4050002 02	4.4425810-02	1.2946986 01	1.2991412 01

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_y (barns)	σ_S (barns)	σ_T (barns)
5.4100001 02	1.0709423-01	1.2876470 01	1.2983564 01
5.4150001 02	4.4749764-01	1.2788536 01	1.3236034 01
5.4200001 02	1.5287684 00	1.2721630 01	1.4250398 01
5.4250001 02	3.2939555 00	1.2781862 01	1.6075817 01
5.4300001 02	4.2628821 00	1.2991911 01	1.7254793 01
5.4350001 02	3.2877864 00	1.3164489 01	1.6452275 01
5.4400001 02	1.5241030 00	1.3158541 01	1.4682644 01
5.4450001 02	4.4474750-01	1.3055543 01	1.3500291 01
5.4500001 02	1.0340543-01	1.2963473 01	1.3066879 01
5.4600002 02	2.9417472-02	1.2859545 01	1.2888963 01
5.4800000 02	2.3910827-02	1.2742077 01	1.2765988 01
5.5000001 02	2.2571909-02	1.2651921 01	1.2674493 01
5.5200001 02	2.2138844-02	1.2569992 01	1.2592131 01
5.5500002 02	2.2340996-02	1.2448967 01	1.2471308 01
5.5700002 02	2.2982839-02	1.2363423 01	1.2386406 01
5.6000001 02	2.5028480-02	1.2215945 01	1.2240973 01
5.6500001 02	3.6379515-02	1.1834225 01	1.1870604 01
5.6600001 02	4.2204051-02	1.1709199 01	1.1751403 01
5.6800001 02	6.7099452-02	1.1329165 01	1.1396264 01
5.6900002 02	9.8000651-02	1.1004857 01	1.1102857 01
5.7000000 02	1.8434239-01	1.0457533 01	1.0641875 01
5.7050001 02	3.9221287-01	1.0047399 01	1.0439612 01
5.7100001 02	1.5750997 00	9.8551843 00	1.1430284 01
5.7150002 02	7.1058959 00	1.1793667 01	1.8899563 01
5.7200001 02	2.3065094 01	2.0353342 01	4.3418437 01
5.7220000 02	3.2618493 01	2.6291746 01	5.8910239 01
5.7240001 02	4.2773661 01	3.3179421 01	7.5953081 01
5.7250001 02	4.7591141 01	3.6707356 01	8.4298496 01
5.7260000 02	5.1939446 01	4.0107145 01	9.2046591 01
5.7280001 02	5.8361306 01	4.5918642 01	1.0427995 02
5.7290001 02	6.0084313 01	4.8056467 01	1.0814078 02
5.7300001 02	6.0662771 01	4.9536688 01	1.1019946 02
5.7310000 02	6.0064148 01	5.0295861 01	1.1036001 02
5.7320001 02	5.8222061 01	5.0310889 01	1.0863295 02
5.7340001 02	5.1873896 01	4.8238984 01	1.0011288 02
5.7350001 02	4.7519983 01	4.6308418 01	9.3828401 01
5.7360001 02	4.2701126 01	4.3934369 01	8.6635495 01
5.7379999 02	3.2557647 01	3.8390524 01	7.0948171 01
5.7400001 02	2.3024008 01	3.2641276 01	5.5665284 01
5.7450001 02	7.1079621 00	2.1687027 01	2.8794989 01
5.7500001 02	1.5828896 00	1.6857506 01	1.8440396 01
5.7550002 02	3.9556379-01	1.5210364 01	1.5605928 01
5.7600001 02	1.8659263-01	1.4538623 01	1.4725216 01
5.7700002 02	1.0216012-01	1.3866585 01	1.3968745 01
5.7800001 02	7.7259879-02	1.3468178 01	1.3545438 01
5.7850001 02	8.6029015-02	1.3304650 01	1.3390679 01
5.7900001 02	1.9310384-01	1.3140623 01	1.3333727 01
5.7950002 02	7.3534963-01	1.2972182 01	1.3707531 01
5.8000001 02	2.3159139 00	1.2867143 01	1.5183057 01
5.8050001 02	4.7426261 00	1.2968245 01	1.7710871 01
5.8079999 02	5.8063578 00	1.3138206 01	1.8944564 01
5.8090001 02	5.9759430 00	1.3202910 01	1.9178853 01
5.8100000 02	6.0329233 00	1.3266839 01	1.9299762 01
5.8110001 02	5.9732911 00	1.3327053 01	1.9300344 01
5.8120001 02	5.8007607 00	1.3380773 01	1.9181534 01
5.8150001 02	4.7311189 00	1.3483086 01	1.8214205 01
5.8200001 02	2.3024801 00	1.3437755 01	1.5740235 01
5.8250002 02	7.2068178-01	1.3258327 01	1.3979009 01
5.8300002 02	1.7262270-01	1.3101730 01	1.3274353 01
5.8400002 02	3.8661098-02	1.2924544 01	1.2963205 01
5.8500001 02	3.1497314-02	1.2816481 01	1.2847978 01
5.9000001 02	2.5314107-02	1.2467875 01	1.2493189 01

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_n (barns)
5.9500001 02	3.1548956-02	1.2119506 01	1.2151055 01
5.9600001 02	3.6356665-02	1.2015590 01	1.2051946 01
5.9700001 02	4.5343549-02	1.1877838 01	1.1923182 01
5.9800002 02	6.5634186-02	1.1671834 01	1.1737468 01
5.9900002 02	2.1103590-01	1.1303171 01	1.1514207 01
5.9950000 02	9.0996746-01	1.1079575 01	1.1989542 01
6.0000001 02	4.0409692 00	1.1292740 01	1.5333709 01
6.0050001 02	1.2643702 01	1.3108993 01	2.5752695 01
6.0060001 02	1.5075855 01	1.3760633 01	2.8836493 01
6.0070000 02	1.7655372 01	1.4505633 01	3.2161005 01
6.0080000 02	2.0301384 01	1.5329339 01	3.5630723 01
6.0090001 02	2.2916721 01	1.6210325 01	3.9127046 01
6.0100001 02	2.5392301 01	1.7120627 01	4.2512928 01
6.0120000 02	2.9484232 01	1.8897875 01	4.8382107 01
6.0140001 02	3.1767349 01	2.0376087 01	5.2143436 01
6.0150001 02	3.2060222 01	2.0922212 01	5.2982434 01
6.0160000 02	3.1757242 01	2.1307909 01	5.3065151 01
6.0180001 02	2.9455495 01	2.1556083 01	5.1011578 01
6.0200001 02	2.5353980 01	2.1135450 01	4.6489430 01
6.0220001 02	2.0263893 01	2.0196211 01	4.0460104 01
6.0240001 02	1.5048492 01	1.8965182 01	3.4013674 01
6.0250001 02	1.2620804 01	1.8313796 01	3.0934600 01
6.0300001 02	4.0413475 00	1.5525976 01	1.9567324 01
6.0350001 02	9.1351699-01	1.4063445 01	1.4976962 01
6.0400001 02	2.1191280-01	1.3465214 01	1.3677127 01
6.0450001 02	9.2634753-02	1.3188050 01	1.3280684 01
6.0500001 02	6.5182648-02	1.3019012 01	1.3084194 01
6.1000001 02	2.6333317-02	1.2399829 01	1.2426162 01
6.1200002 02	2.4729275-02	1.2274169 01	1.2298898 01
6.1300002 02	2.4611923-02	1.2215269 01	1.2239881 01
6.1500001 02	2.5875587-02	1.2093231 01	1.2119106 01
6.1600002 02	2.7759810-02	1.2023477 01	1.2051237 01
6.1700002 02	3.1544050-02	1.1939546 01	1.1971090 01
6.1800001 02	4.0460956-02	1.1825394 01	1.1865855 01
6.1900001 02	1.1668626-01	1.1631982 01	1.1748669 01
6.2000001 02	2.0983523 00	1.1390648 01	1.3489001 01
6.2050001 02	6.3633518 00	1.1680926 01	1.8044278 01
6.2060000 02	7.5503031 00	1.1821471 01	1.9371774 01
6.2070001 02	8.8024850 00	1.1992745 01	2.0795230 01
6.2079999 02	1.0080583 01	1.2193058 01	2.2273641 01
6.2090001 02	1.1338800 01	1.2418785 01	2.3757585 01
6.2100001 02	1.2527384 01	1.2664525 01	2.5191909 01
6.2120001 02	1.4482847 01	1.3184306 01	2.7667153 01
6.2140001 02	1.5571323 01	1.3679687 01	2.9251010 01
6.2150000 02	1.5711113 01	1.3893763 01	2.9604876 01
6.2155001 02	1.5673690 01	1.3988639 01	2.9662329 01
6.2160001 02	1.5565504 01	1.4074268 01	2.9639772 01
6.2179999 02	1.4469913 01	1.4311972 01	2.8781885 01
6.2200001 02	1.2509694 01	1.4369863 01	2.6879557 01
6.2220002 02	1.0063224 01	1.4264454 01	2.4327678 01
6.2250001 02	6.3525629 00	1.3901359 01	2.0253922 01
6.2280002 02	3.4314429 00	1.3458127 01	1.6889570 01
6.2300002 02	2.0981073 00	1.3189099 01	1.5287207 01
6.2400002 02	1.1710843-01	1.2482721 01	1.2599829 01
6.2500001 02	4.0102340-02	1.2272217 01	1.2312319 01
6.2800002 02	2.5042104-02	1.2007434 01	1.2032476 01
6.3000001 02	2.3090596-02	1.1895346 01	1.1918437 01
6.3500002 02	2.2343292-02	1.1653942 01	1.1676285 01
6.4000000 02	2.3744762-02	1.1400795 01	1.1424540 01
6.5000001 02	3.5952898-02	1.0632264 01	1.0668216 01
6.5500001 02	7.3458080-02	9.7348701 00	9.8083282 00
6.5600001 02	9.9280724-02	9.3870367 00	9.4863174 00

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.5700001 02	1.5703608-01	8.8701168 00	9.0271529 00
6.5800001 02	5.8248482-01	8.1129370 00	8.6954217 00
6.5850001 02	2.2934271 00	8.3893659 00	1.0682793 01
6.5900001 02	8.7824723 00	1.1985119 01	2.0767591 01
6.5919999 02	1.3843681 01	1.5398141 01	2.9241822 01
6.5940001 02	2.0566436 01	2.0308804 01	4.0875240 01
6.5950001 02	2.4487430 01	2.3323895 01	4.7811325 01
6.5960001 02	2.8691537 01	2.6667281 01	5.5358818 01
6.5980000 02	3.7507363 01	3.4055042 01	7.1562405 01
6.6000001 02	4.5888177 01	4.1666101 01	8.7554279 01
6.6020000 02	5.2503103 01	4.8427817 01	1.0093092 02
6.6030001 02	5.4759308 01	5.1142662 01	1.0590197 02
6.6040001 02	5.6157422 01	5.3254107 01	1.0941153 02
6.6050001 02	5.6624499 01	5.4671031 01	1.1129553 02
6.6060000 02	5.6140516 01	5.5341774 01	1.1148229 02
6.6070001 02	5.4728756 01	5.5248914 01	1.0997767 02
6.6080001 02	5.2459906 01	5.4414504 01	1.0687441 02
6.6100001 02	4.5829418 01	5.0786908 01	9.6616327 01
6.6120001 02	3.7450485 01	4.5252116 01	8.2702601 01
6.6140001 02	2.8647090 01	3.8820100 01	6.7467190 01
6.6150001 02	2.4452583 01	3.5575599 01	6.0028182 01
6.6170002 02	1.6988446 01	2.9511848 01	4.6500294 01
6.6200000 02	8.7915940 00	2.2304550 01	3.1096144 01
6.6250001 02	2.3165561 00	1.5704905 01	1.8021461 01
6.6300001 02	6.0711961-01	1.3251000 01	1.3858119 01
6.6350002 02	2.6792432-01	1.2262391 01	1.2530315 01
6.6400001 02	1.9268150-01	1.1685446 01	1.1878128 01
6.6500001 02	1.5849768-01	1.0851198 01	1.1009696 01
6.6600001 02	2.0430361-01	1.0073650 01	1.0277953 01
6.6650001 02	4.1969548-01	9.6476075 00	1.0067303 01
6.6700001 02	1.5616294 00	9.4028937 00	1.0964523 01
6.6750002 02	5.9213216 00	1.0283860 01	1.6205182 01
6.6800001 02	1.6428511 01	1.4015428 01	3.0443939 01
6.6820001 02	2.2154762 01	1.6467458 01	3.8622220 01
6.6840001 02	2.7984852 01	1.9247063 01	4.7231915 01
6.6850001 02	3.0680249 01	2.0658255 01	5.1338504 01
6.6860000 02	3.3078344 01	2.2017233 01	5.5095577 01
6.6879999 02	3.6572823 01	2.4370221 01	6.0943044 01
6.6890001 02	3.7500652 01	2.5267169 01	6.2767821 01
6.6900001 02	3.7811459 01	2.5925050 01	6.3736508 01
6.6910001 02	3.7490344 01	2.6319378 01	6.3809723 01
6.6920001 02	3.6553701 01	2.6437490 01	6.2991191 01
6.6940001 02	3.3046549 01	2.5866524 01	5.8913073 01
6.6950001 02	3.0644475 01	2.5220774 01	5.5865249 01
6.6960001 02	2.7947800 01	2.4380060 01	5.2327860 01
6.6980000 02	2.2124832 01	2.2292467 01	4.4417299 01
6.7000001 02	1.6410114 01	1.9964930 01	3.6375044 01
6.7050001 02	5.9331233 00	1.4920675 01	2.0853799 01
6.7100001 02	1.5853247 00	1.2136362 01	1.3721687 01
6.7150002 02	4.4585939-01	1.0894642 01	1.1340502 01
6.7200001 02	2.3398726-01	1.0234555 01	1.0468542 01
6.7300000 02	1.9725552-01	9.2893672 00	9.4866227 00
6.7400001 02	2.2887556-01	8.3651948 00	8.5940703 00
6.7500001 02	3.1307633-01	7.2609205 00	7.5739968 00
6.7600001 02	5.2199149-01	5.7821835 00	6.3041749 00
6.7700001 02	1.6703149 00	5.0689137 00	6.7392286 00
6.7750001 02	5.0785494 00	1.1500948 01	1.6579497 01
6.7800001 02	1.6226242 01	4.0560417 01	5.6786659 01
6.7810001 02	2.0005694 01	5.1255580 01	7.1261275 01
6.7820000 02	2.4387411 01	6.3955686 01	8.8343097 01
6.7830001 02	2.9367856 01	7.8713605 01	1.0808146 02
6.7840001 02	3.4906867 01	9.5474092 01	1.3038096 02

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.7850001 02	4.0927854 01	1.1406908 02	1.5499693 02
6.7860001 02	4.7314992 01	1.3420523 02	1.8152022 02
6.7870000 02	5.3911062 01	1.5545126 02	2.0936232 02
6.7880001 02	6.0523057 01	1.7725034 02	2.3777340 02
6.7890001 02	6.6931569 01	1.9894367 02	2.6587524 02
6.7900001 02	7.2898457 01	2.1978997 02	2.9268843 02
6.7920001 02	8.2567690 01	2.5586579 02	3.3845348 02
6.7940001 02	8.7874908 01	2.7985771 02	3.6773261 02
6.7950001 02	8.8553201 01	2.8598016 02	3.7453336 02
6.7960000 02	8.7849336 01	2.8782201 02	3.7567135 02
6.7979999 02	8.2498245 01	2.7879749 02	3.6129573 02
6.8000001 02	7.2801920 01	2.5494220 02	3.2774412 02
6.8020001 02	6.0422459 01	2.2084893 02	2.8127139 02
6.8040001 02	4.7229861 01	1.8217116 02	2.2940102 02
6.8050001 02	4.0854055 01	1.6280187 02	2.0365593 02
6.8100001 02	1.6212567 01	8.3592586 01	9.9805152 01
6.8150001 02	5.0852329 00	4.3718804 01	4.8804037 01
6.8200001 02	1.6735631 00	2.9040109 01	3.0713672 01
6.8250002 02	7.9677590-01	2.3731908 01	2.4528684 01
6.8300001 02	5.2069769-01	2.1176804 01	2.1697502 01
6.8400000 02	3.1126161-01	1.8360980 01	1.8672242 01
6.8500001 02	2.2499823-01	1.6669608 01	1.6894606 01
6.8600001 02	1.8604001-01	1.5443335 01	1.5629375 01
6.8800001 02	1.9756531-01	1.3393684 01	1.3591249 01
6.8850001 02	2.3232038-01	1.2821535 01	1.3053856 01
6.8900001 02	3.2938066-01	1.2164625 01	1.2494006 01
6.8950002 02	7.5787728-01	1.1527541 01	1.2285418 01
6.9000001 02	2.7847440 00	1.1882212 01	1.4666956 01
6.9050002 02	9.9638374 00	1.6677130 01	2.6640968 01
6.9100001 02	2.6400565 01	3.1192083 01	5.7592648 01
6.9120001 02	3.5137409 01	3.9910043 01	7.5047452 01
6.9140001 02	4.3934390 01	4.9397108 01	9.3331498 01
6.9150000 02	4.7974723 01	5.4077157 01	1.0205188 02
6.9160001 02	5.1557889 01	5.8494371 01	1.1005226 02
6.9180000 02	5.6757366 01	6.5880055 01	1.2263742 02
6.9190001 02	5.8134035 01	6.8551755 01	1.2668579 02
6.9200001 02	5.8594333 01	7.0390527 01	1.2898486 02
6.9210001 02	5.8116761 01	7.1330589 01	1.2944735 02
6.9219999 02	5.6724168 01	7.1347331 01	1.2807150 02
6.9240001 02	5.1499722 01	6.8740458 01	1.2024018 02
6.9250001 02	4.7908453 01	6.6281137 01	1.1418959 02
6.9260001 02	4.3864466 01	6.3212404 01	1.0707687 02
6.9280000 02	3.5070420 01	5.5841462 01	9.0911883 01
6.9300001 02	2.6346392 01	4.7830049 01	7.4176442 01
6.9350002 02	9.9443403 00	3.0905459 01	4.0849799 01
6.9400001 02	2.7722788 00	2.1999972 01	2.4772251 01
6.9450002 02	7.3647242-01	1.8528524 01	1.9264996 01
6.9500000 02	2.9927315-01	1.7145413 01	1.7444686 01
6.9700002 02	1.1100294-01	1.5134729 01	1.5245732 01
6.9900001 02	8.4603675-02	1.4124689 01	1.4209293 01
7.0000001 02	8.5645709-02	1.3691050 01	1.3776696 01
7.0100002 02	9.9084958-02	1.3225944 01	1.3325029 01
7.0200001 02	1.6996750-01	1.2626031 01	1.2795998 01
7.0300001 02	1.7004002 00	1.2077905 01	1.3778305 01
7.0400001 02	1.6437678 01	1.7050129 01	3.3487807 01
7.0420000 02	2.1848886 01	1.9584163 01	4.1433049 01
7.0440001 02	2.7282110 01	2.2444214 01	4.9726325 01
7.0450001 02	2.9773760 01	2.3899057 01	5.3672817 01
7.0460000 02	3.1982437 01	2.5306723 01	5.7289160 01
7.0480001 02	3.5182289 01	2.7777912 01	6.2960202 01
7.0490001 02	3.6029590 01	2.8748358 01	6.4777948 01
7.0500001 02	3.6312985 01	2.9490259 01	6.5803244 01

TABLE III (Continued)

T = 0.1 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
7.0510000 02	3.6019132 01	2.9977585 01	6.5996717 01
7.0520001 02	3.5162511 01	3.0196608 01	6.5359120 01
7.0540001 02	3.1947786 01	2.9839004 01	6.1786789 01
7.0550001 02	2.9735620 01	2.9297395 01	5.9033015 01
7.0560001 02	2.7242138 01	2.8554296 01	5.5796434 01
7.0579999 02	2.1811021 01	2.6625008 01	4.8436029 01
7.0600000 02	1.6408623 01	2.4393508 01	4.0802131 01
7.0650001 02	6.1982011 00	1.9332828 01	2.5531029 01
7.0700001 02	1.7009639 00	1.6407408 01	1.8108372 01
7.0750002 02	4.2689358-01	1.5125540 01	1.5552433 01
7.0800001 02	1.6464131-01	1.4538384 01	1.4703025 01
7.0900001 02	9.1050132-02	1.3918245 01	1.4009295 01
7.1000001 02	7.5059786-02	1.3499811 01	1.3574871 01
7.1100001 02	7.0941221-02	1.3143304 01	1.3214246 01
7.1200001 02	7.4805295-02	1.2792115 01	1.2866920 01
7.1300001 02	8.9096641-02	1.2396338 01	1.2485435 01
7.1400001 02	1.3012595-01	1.1872896 01	1.2003022 01
7.1500001 02	5.5157156-01	1.1135254 01	1.1686825 01
7.1550002 02	2.1775467 00	1.1209892 01	1.3387439 01
7.1600001 02	7.7556312 00	1.3442255 01	2.1197886 01
7.1620001 02	1.1856654 01	1.5560052 01	2.7416706 01
7.1640001 02	1.7129990 01	1.8578936 01	3.5708926 01
7.1650001 02	2.0140607 01	2.0421251 01	4.0561858 01
7.1660001 02	2.3328212 01	2.2459050 01	4.5787262 01
7.1679999 02	2.9902043 01	2.6957350 01	5.6859392 01
7.1700001 02	3.6038335 01	3.1617934 01	6.7656269 01
7.1720001 02	4.0821088 01	3.5843970 01	7.6665057 01
7.1740001 02	4.3441620 01	3.9020481 01	8.2462101 01
7.1750001 02	4.3777075 01	4.0058399 01	8.3835473 01
7.1760001 02	4.3430312 01	4.0675377 01	8.4105688 01
7.1770001 02	4.2418784 01	4.0855377 01	8.3274161 01
7.1780000 02	4.0788091 01	4.0602706 01	8.1390797 01
7.1800001 02	3.5993822 01	3.8916450 01	7.4910272 01
7.1820000 02	2.9854048 01	3.5999275 01	6.5853323 01
7.1840001 02	2.3287644 01	3.2387683 01	5.5675327 01
7.1850001 02	2.0105508 01	3.0494747 01	5.0600255 01
7.1900001 02	7.7492841 00	2.2211484 01	2.9960768 01
7.1950002 02	2.1797429 00	1.7574466 01	1.9754209 01
7.2000001 02	5.5089215-01	1.5650852 01	1.6201745 01
7.2100001 02	1.2489038-01	1.4415154 01	1.4540045 01
7.2200001 02	8.1462227-02	1.3876584 01	1.3958046 01
7.2300002 02	6.3805737-02	1.3515138 01	1.3578943 01
7.2400002 02	5.4625178-02	1.3235512 01	1.3290137 01
7.2500001 02	4.9480339-02	1.3000025 01	1.3049505 01
7.2700002 02	4.5169045-02	1.2593140 01	1.2638309 01
7.2800002 02	4.4783426-02	1.2403163 01	1.2447946 01
7.3000001 02	4.6497242-02	1.2021519 01	1.2068016 01
7.3200001 02	5.1478158-02	1.1607739 01	1.1659217 01
7.3500001 02	6.8067863-02	1.0836819 01	1.0904886 01
7.3700002 02	9.1375553-02	1.0125521 01	1.0216897 01
7.4000001 02	1.8557467-01	8.3716676 00	8.5572423 00
7.4100001 02	2.6556551-01	7.4078635 00	7.6734289 00
7.4200001 02	4.2811963-01	6.0696036 00	6.4977232 00
7.4300001 02	9.5470728-01	4.5187125 00	5.4734198 00
7.4350001 02	2.0883171 00	5.6890938 00	7.7774109 00
7.4400001 02	6.0502635 00	1.6248852 01	2.2299115 01
7.4450002 02	1.7428685 01	5.5063934 01	7.2492619 01
7.4500001 02	4.0084338 01	1.4219664 02	1.8228098 02
7.4510000 02	4.5665624 01	1.6493036 02	2.1059598 02
7.4520001 02	5.1349497 01	1.8859476 02	2.3994425 02
7.4530001 02	5.6976105 01	2.1259121 02	2.6956732 02
7.4540001 02	6.2371619 01	2.3624621 02	2.9861783 02

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
7.4550001 02	6.7347578 01	2.5880117 02	3.2614875 02
7.4560000 02	7.1724157 01	2.7950828 02	3.5123244 02
7.4579999 02	7.8012652 01	3.1245717 02	3.9046982 02
7.4590001 02	7.9667001 01	3.2348241 02	4.0314941 02
7.4600001 02	8.0218662 01	3.3029321 02	4.1050188 02
7.4610001 02	7.9645621 01	3.3263710 02	4.1228272 02
7.4620001 02	7.7971453 01	3.3051000 02	4.0848145 02
7.4640001 02	7.1651848 01	3.1363558 02	3.8528743 02
7.4650000 02	6.7266862 01	2.9972046 02	3.6698732 02
7.4660001 02	6.2284702 01	2.8292674 02	3.4521143 02
7.4679999 02	5.1264738 01	2.4348225 02	2.9474698 02
7.4700001 02	4.0014242 01	2.0091814 02	2.4093238 02
7.4719999 02	2.9691459 01	1.6013957 02	1.8983103 02
7.4740001 02	2.1022140 01	1.2453129 02	1.4555343 02
7.4750001 02	1.7409552 01	1.0924494 02	1.2665449 02
7.4760001 02	1.4282770 01	9.5741620 01	1.1002439 02
7.4780000 02	9.3923477 00	7.3929476 01	8.3321823 01
7.4800001 02	6.0538958 00	5.8264528 01	6.4318423 01
7.4900001 02	9.5345598-01	2.9729315 01	3.0682771 01
7.5000001 02	4.2537122-01	2.4016386 01	2.4441757 01
7.5200001 02	1.8279212-01	1.9810689 01	1.9993481 01
7.5400000 02	1.0762685-01	1.7943159 01	1.8050786 01
7.5500001 02	8.8025576-02	1.7340615 01	1.7428641 01
7.6000001 02	4.5828030-02	1.5626496 01	1.5672324 01
7.6500000 02	3.2988670-02	1.4761498 01	1.4794486 01
7.7000001 02	2.8411493-02	1.4174632 01	1.4203043 01
7.7500002 02	2.9387655-02	1.3658061 01	1.3687449 01
7.7700001 02	3.3461015-02	1.3418793 01	1.3452254 01
7.7900002 02	4.8157980-02	1.3083042 01	1.3131200 01
7.8000001 02	1.0211424-01	1.2799923 01	1.2902037 01
7.8050001 02	3.1036635-01	1.2602471 01	1.2912837 01
7.8100001 02	1.2186859 00	1.2450301 01	1.3668987 01
7.8200001 02	9.8345759 00	1.3877354 01	2.3711930 01
7.8220001 02	1.2731269 01	1.4683170 01	2.7414439 01
7.8240001 02	1.5569230 01	1.5621335 01	3.1190565 01
7.8250001 02	1.6852209 01	1.6113614 01	3.2965823 01
7.8260000 02	1.7979877 01	1.6602630 01	3.4582507 01
7.8279999 02	1.9602459 01	1.7511443 01	3.7113902 01
7.8290001 02	2.0029331 01	1.7901885 01	3.7931216 01
7.8300001 02	2.0173070 01	1.8232242 01	3.8405312 01
7.8310001 02	2.0024358 01	1.8491834 01	3.8516192 01
7.8320001 02	1.9592695 01	1.8673983 01	3.8266678 01
7.8340001 02	1.7963019 01	1.8795068 01	3.6758087 01
7.8350001 02	1.6833149 01	1.8737097 01	3.5570246 01
7.8360001 02	1.5549250 01	1.8607252 01	3.4156502 01
7.8380000 02	1.2712110 01	1.8170748 01	3.0882858 01
7.8400001 02	9.8188355 00	1.7574168 01	2.7393003 01
7.8500001 02	1.2215861 00	1.4833419 01	1.6055005 01
7.8800001 02	4.0065471-02	1.3417975 01	1.3458041 01
7.9000001 02	3.3919656-02	1.3112671 01	1.3146591 01
7.9200001 02	3.3148685-02	1.2847107 01	1.2880255 01
7.9300002 02	3.3747714-02	1.2714366 01	1.2748113 01
7.9500001 02	3.6559704-02	1.2431442 01	1.2469002 01
8.0000001 02	5.8410764-02	1.1441108 01	1.1499519 01
8.0500001 02	1.9565715-01	8.9472096 00	9.1428668 00
8.0600001 02	3.1693211-01	7.8008029 00	8.1177351 00
8.0700001 02	7.7186464-01	6.3755327 00	7.1473973 00
8.0800001 02	5.7065561 00	1.5143155 01	2.0849711 01
8.0810000 02	7.1169696 00	1.8594598 01	2.5711567 01
8.0820001 02	8.8285723 00	2.2963751 01	3.1792323 01
8.0829999 02	1.0876629 01	2.8383285 01	3.9259914 01
8.0840001 02	1.3290415 01	3.4973806 01	4.8264221 01

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
8.0850001 02	1.6091534 01	4.2837898 01	5.8929432 01
8.0860001 02	1.9289036 01	5.2044975 01	7.1334011 01
8.0870001 02	2.2875642 01	6.2618237 01	8.5493879 01
8.0879999 02	2.6826374 01	7.4528787 01	1.0135516 02
8.0890001 02	3.1094150 01	8.7679280 01	1.1877343 02
8.0900000 02	3.5610684 01	1.0190411 02	1.3751480 02
8.0920001 02	4.5006863 01	1.3254340 02	1.7755026 02
8.0940001 02	5.4064423 01	1.6370067 02	2.1776510 02
8.0950001 02	5.8118085 01	1.7839648 02	2.3651457 02
8.0960001 02	6.1664731 01	1.9188132 02	2.5354605 02
8.0980000 02	6.6736598 01	2.1346814 02	2.8020473 02
8.0990001 02	6.8065968 01	2.2082799 02	2.8889396 02
8.1000001 02	6.8509927 01	2.2553693 02	2.9404686 02
8.1010001 02	6.8049355 01	2.2744921 02	2.9549857 02
8.1020000 02	6.6704431 01	2.2653635 02	2.9324078 02
8.1040001 02	6.1607526 01	2.1667088 02	2.7827841 02
8.1050001 02	5.8052544 01	2.0819032 02	2.6624286 02
8.1060001 02	5.3994510 01	1.9779721 02	2.5179172 02
8.1080001 02	4.4937247 01	1.7292871 02	2.1786596 02
8.1100001 02	3.5552603 01	1.4548619 02	1.8103879 02
8.1120000 02	2.6783937 01	1.1858115 02	1.4536509 02
8.1140001 02	1.9263936 01	9.4505775 01	1.1376971 02
8.1150001 02	1.6074022 01	8.3963418 01	1.0003744 02
8.1200001 02	5.7096270 00	4.7509810 01	5.3219437 01
8.1300001 02	7.7197006-01	2.5762370 01	2.6534340 01
8.1400001 02	3.1529713-01	2.1520747 01	2.1836044 01
8.1500001 02	1.9402966-01	1.9627388 01	1.9821418 01
8.2000000 02	5.6468799-02	1.6309893 01	1.6366352 01
8.2500001 02	3.3383052-02	1.5233051 01	1.5266434 01
8.3000001 02	2.6094400-02	1.4638044 01	1.4664139 01
8.3500001 02	2.4406473-02	1.4192600 01	1.4217007 01
8.4000001 02	2.9725247-02	1.3712062 01	1.3741787 01
8.4200002 02	3.8872959-02	1.3423923 01	1.3462796 01
8.4400002 02	7.1002983-02	1.2917766 01	1.2988769 01
8.4500001 02	2.0220026-01	1.2433960 01	1.2636160 01
8.4550002 02	6.6299911-01	1.2186276 01	1.2849275 01
8.4600001 02	2.4332989 00	1.2420602 01	1.4853901 01
8.4650001 02	7.3784385 00	1.4337250 01	2.1715688 01
8.4700001 02	1.6694148 01	1.9303713 01	3.5997861 01
8.4720000 02	2.1165199 01	2.2104575 01	4.3269774 01
8.4740001 02	2.5467288 01	2.5103737 01	5.0571025 01
8.4750001 02	2.7389735 01	2.6584484 01	5.3974219 01
8.4760001 02	2.9071124 01	2.7996197 01	5.7067321 01
8.4780001 02	3.1472385 01	3.0441605 01	6.1913990 01
8.4790001 02	3.2101494 01	3.1398750 01	6.3500244 01
8.4800001 02	3.2311766 01	3.2137087 01	6.4448853 01
8.4810000 02	3.2093756 01	3.2635016 01	6.4728772 01
8.4820001 02	3.1458699 01	3.2882036 01	6.4340735 01
8.4840001 02	2.9044633 01	3.2623738 01	6.1668371 01
8.4850001 02	2.7360297 01	3.2145776 01	5.9506073 01
8.4860000 02	2.5435995 01	3.1466521 01	5.6902516 01
8.4879999 02	2.1134638 01	2.9635354 01	5.0769992 01
8.4900001 02	1.6668132 01	2.7419150 01	4.4087282 01
8.4950000 02	7.3710946 00	2.1940387 01	2.9311481 01
8.5000001 02	2.4356957 00	1.8315449 01	2.0751145 01
8.5100002 02	2.0234742-01	1.5801865 01	1.6004212 01
8.5200002 02	6.9970071-02	1.5174911 01	1.5244881 01
8.5300002 02	4.7808280-02	1.4857048 01	1.4904856 01
8.5400001 02	3.7429961-02	1.4646123 01	1.4683553 01
8.5500001 02	3.1538440-02	1.4490208 01	1.4521747 01
8.6000001 02	2.2068556-02	1.4020663 01	1.4042732 01
8.6500001 02	2.3802393-02	1.3662411 01	1.3686213 01

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
8.6600001 02	2.6069397-02	1.3574886 01	1.3600955 01
8.6800001 02	3.9799333-02	1.3314394 01	1.3354194 01
8.6850001 02	5.3762784-02	1.3207858 01	1.3261621 01
8.6900001 02	1.0971513-01	1.3070470 01	1.3180185 01
8.6950002 02	3.6874309-01	1.2905306 01	1.3274049 01
8.7000001 02	1.3498768 00	1.2809855 01	1.4159732 01
8.7050002 02	4.0300116 00	1.3084380 01	1.7114392 01
8.7100002 02	8.9776056 00	1.4165420 01	2.3143025 01
8.7120001 02	1.1326565 01	1.4855128 01	2.6181693 01
8.7140001 02	1.3576135 01	1.5640730 01	2.9216865 01
8.7150000 02	1.4577575 01	1.6049438 01	3.0627013 01
8.7160001 02	1.5453415 01	1.6454569 01	3.1907984 01
8.7179999 02	1.6701770 01	1.7210779 01	3.3912549 01
8.7190001 02	1.7026271 01	1.7539613 01	3.4565884 01
8.7200001 02	1.7137618 01	1.7823778 01	3.4961396 01
8.7210001 02	1.7022592 01	1.8053688 01	3.5076280 01
8.7219999 02	1.6694320 01	1.8225324 01	3.4919644 01
8.7240001 02	1.5440613 01	1.8380361 01	3.3820974 01
8.7250001 02	1.4562075 01	1.8364036 01	3.2926111 01
8.7260001 02	1.3560391 01	1.8291175 01	3.1851566 01
8.7280000 02	1.1311090 01	1.7995795 01	2.9306885 01
8.7300001 02	8.9642913 00	1.7555797 01	2.6520088 01
8.7350002 02	4.0260692 00	1.6261140 01	2.0287209 01
8.7400002 02	1.3513478 00	1.5252878 01	1.6604226 01
8.7450002 02	3.7020105-01	1.4685260 01	1.5055461 01
8.7500001 02	1.1012049-01	1.4397761 01	1.4507881 01
8.7700002 02	3.0085383-02	1.3966107 01	1.3996192 01
8.7900000 02	2.3582501-02	1.3764894 01	1.3788477 01
8.8000001 02	2.2327324-02	1.3688571 01	1.3710898 01
8.8200002 02	2.1462696-02	1.3546125 01	1.3567587 01
8.8500001 02	2.2908212-02	1.3334341 01	1.3357249 01
8.9000000 02	4.0737892-02	1.2754630 01	1.2795368 01
8.9200001 02	8.1761829-02	1.2181353 01	1.2263114 01
8.9300002 02	2.6418243-01	1.1631418 01	1.1895601 01
8.9350002 02	8.6892234-01	1.1447417 01	1.2316339 01
8.9400001 02	3.0175545 00	1.2104047 01	1.5121601 01
8.9450001 02	8.6242225 00	1.5226170 01	2.3850393 01
8.9500001 02	1.8650739 01	2.2360994 01	4.1011733 01
8.9520000 02	2.3335704 01	2.6179701 01	4.9515405 01
8.9540001 02	2.7790869 01	3.0167546 01	5.7958415 01
8.9550001 02	2.9767853 01	3.2102309 01	6.1870162 01
8.9560001 02	3.1489929 01	3.3925322 01	6.5415251 01
8.9580001 02	3.3940638 01	3.7025242 01	7.0965881 01
8.9590001 02	3.4581163 01	3.8208709 01	7.2789871 01
8.9600001 02	3.4795357 01	3.9098299 01	7.3893656 01
8.9610000 02	3.4574367 01	3.9669472 01	7.4243840 01
8.9620001 02	3.3926385 01	3.9909425 01	7.3835810 01
8.9640001 02	3.1463290 01	3.9411550 01	7.0874840 01
8.9650001 02	2.9737433 01	3.8710168 01	6.8447601 01
8.9660000 02	2.7758166 01	3.7748370 01	6.5506535 01
8.9679999 02	2.3302827 01	3.5212905 01	5.8515732 01
8.9700001 02	1.8622262 01	3.2175897 01	5.0798159 01
8.9720001 02	1.4175860 01	2.9007781 01	4.3183641 01
8.9740001 02	1.0289759 01	2.6012962 01	3.6302720 01
8.9750001 02	8.6153608 00	2.4647988 01	3.3263348 01
8.9800001 02	3.0199685 00	1.9576695 01	2.2596663 01
8.9850001 02	8.7161053-01	1.7087991 01	1.7959602 01
8.9900002 02	2.6487032-01	1.6019016 01	1.6283886 01
8.9950002 02	1.2081599-01	1.5510283 01	1.5631099 01
9.0000001 02	8.1072657-02	1.5207144 01	1.5288216 01
9.0500001 02	2.4654331-02	1.4173475 01	1.4198130 01
9.1000001 02	1.7996312-02	1.3846602 01	1.3864598 01

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
9.1500001 02	1.6016310-02	1.3649181 01	1.3665197 01
9.2000001 02	1.5362822-02	1.3493012 01	1.3508375 01
9.2500001 02	1.5398860-02	1.3346161 01	1.3361560 01
9.3000001 02	1.6136783-02	1.3186271 01	1.3202408 01
9.3500001 02	1.8217643-02	1.2981657 01	1.2999874 01
9.4000001 02	2.4644856-02	1.2651381 01	1.2676026 01
9.4500000 02	6.3323747-02	1.1793510 01	1.1856834 01
9.4600001 02	1.0075532-01	1.1366719 01	1.1467474 01
9.4700001 02	3.5726753-01	1.0735745 01	1.1093013 01
9.4750002 02	1.1463671 00	1.0703251 01	1.1849618 01
9.4800001 02	3.7290810 00	1.2100246 01	1.5829327 01
9.4850002 02	1.0012564 01	1.7128457 01	2.7141021 01
9.4900001 02	2.0668032 01	2.7468745 01	4.8136777 01
9.4920001 02	2.5512413 01	3.2746710 01	5.8259123 01
9.4940001 02	3.0065269 01	3.8133002 01	6.8198271 01
9.4950001 02	3.2070574 01	4.0703363 01	7.2773938 01
9.4960001 02	3.3811228 01	4.3099885 01	7.6911113 01
9.4980000 02	3.6279606 01	4.7104062 01	8.3383668 01
9.4990001 02	3.6922001 01	4.8595120 01	8.5517122 01
9.5000001 02	3.7137335 01	4.9687727 01	8.6825062 01
9.5010001 02	3.6914758 01	5.0349907 01	8.7264665 01
9.5020000 02	3.6265006 01	5.0572139 01	8.6837144 01
9.5040001 02	3.3784976 01	4.9717495 01	8.3502471 01
9.5050001 02	3.2040494 01	4.8691850 01	8.0732344 01
9.5060001 02	3.0031676 01	4.7321140 01	7.7352816 01
9.5080001 02	2.5478524 01	4.3766766 01	6.9245290 01
9.5100001 02	2.0638183 01	3.9536966 01	6.0175149 01
9.5120001 02	1.5971470 01	3.5115948 01	5.1087418 01
9.5140001 02	1.1818927 01	3.0908226 01	4.2727153 01
9.5150001 02	1.0002180 01	2.8976998 01	3.8979178 01
9.5200001 02	3.7311709 00	2.1685903 01	2.5417074 01
9.5250000 02	1.1500373 00	1.8013053 01	1.9163090 01
9.5300001 02	3.5913296-01	1.6430183 01	1.6789316 01
9.5400002 02	1.0125665-01	1.5290028 01	1.5391285 01
9.5500001 02	6.3990665-02	1.4785392 01	1.4849383 01
9.6000001 02	2.7079271-02	1.3793700 01	1.3820779 01
9.6200002 02	2.4977605-02	1.3581668 01	1.3606646 01
9.6500001 02	2.8396730-02	1.3269710 01	1.3298107 01
9.6600001 02	3.5278368-02	1.3130410 01	1.3165688 01
9.6800001 02	1.1574676 00	1.2696165 01	1.3853632 01
9.6900001 02	6.4217264 00	1.3340711 01	1.9762437 01
9.6920000 02	7.9148354 00	1.3691281 01	2.1606117 01
9.6940001 02	9.3200673 00	1.4099019 01	2.3419087 01
9.6950001 02	9.9388535 00	1.4315062 01	2.4253916 01
9.6960000 02	1.0472692 01	1.4531946 01	2.5004638 01
9.6980001 02	1.1228820 01	1.4947781 01	2.6176601 01
9.6990001 02	1.1428594 01	1.5137161 01	2.6565755 01
9.7000001 02	1.1496263 01	1.5307717 01	2.6803980 01
9.7010000 02	1.1427986 01	1.5454439 01	2.6882425 01
9.7020001 02	1.1225633 01	1.5573382 01	2.6799015 01
9.7040001 02	1.0463420 01	1.5722220 01	2.6185640 01
9.7050001 02	9.9291196 00	1.5749869 01	2.5678989 01
9.7060001 02	9.3109882 00	1.5748485 01	2.5059473 01
9.7079999 02	7.9047789 00	1.5662481 01	2.3567260 01
9.7100001 02	6.4121451 00	1.5488266 01	2.1900411 01
9.7150001 02	3.1139460 00	1.4865071 01	1.7979017 01
9.7200001 02	1.1580228 00	1.4286204 01	1.5444227 01
9.7300002 02	1.0732635-01	1.3686838 01	1.3794165 01
9.7400002 02	3.5524528-02	1.3455929 01	1.3491454 01
9.7500001 02	2.8667479-02	1.3312389 01	1.3341057 01
9.7700002 02	2.5301590-02	1.3093001 01	1.3118303 01
9.7800002 02	2.5224578-02	1.2992667 01	1.3017892 01

TABLE III (Continued)

T = 0.1 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
9.8000001 02	2.6938308-02	1.2783601 01	1.2810539 01
9.8500001 02	5.2985120-02	1.1950626 01	1.2003611 01
9.8600001 02	7.7625115-02	1.1610897 01	1.1688522 01
9.8800001 02	2.8311879 00	1.1387404 01	1.4218592 01
9.8850001 02	7.4017784 00	1.3365428 01	2.0767206 01
9.8900001 02	1.4936571 01	1.7641177 01	3.2577748 01
9.8920001 02	1.8310965 01	1.9870267 01	3.8181232 01
9.8940001 02	2.1461396 01	2.2179024 01	4.3640420 01
9.8950001 02	2.2843584 01	2.3296645 01	4.6140229 01
9.8960001 02	2.4040633 01	2.4351615 01	4.8392248 01
9.8980000 02	2.5735438 01	2.6161468 01	5.1896906 01
9.8990001 02	2.6176763 01	2.6866278 01	5.3043041 01
9.9000001 02	2.6324642 01	2.7410800 01	5.3735443 01
9.9010001 02	2.6173558 01	2.7780939 01	5.3954497 01
9.9019999 02	2.5728822 01	2.7968577 01	5.3697399 01
9.9040001 02	2.4029035 01	2.7796891 01	5.1825926 01
9.9050001 02	2.2830381 01	2.7452766 01	5.0283147 01
9.9060001 02	2.1447875 01	2.6955588 01	4.8403463 01
9.9080001 02	1.8300228 01	2.5584386 01	4.3884614 01
9.9100001 02	1.4931612 01	2.3870730 01	3.8802342 01
9.9150002 02	7.4188853 00	1.9323047 01	2.6741932 01
9.9200001 02	2.8684770 00	1.5893326 01	1.8761803 01
9.9300001 02	3.4310500-01	1.2871376 01	1.3214481 01
9.9400001 02	2.1049555-01	1.1569663 01	1.1780158 01
9.9450002 02	2.8988760-01	1.0951338 01	1.1241225 01
9.9480002 02	4.2329818-01	1.0608194 01	1.1031492 01
9.9500001 02	5.9454889-01	1.0446664 01	1.1041213 01
9.9520002 02	8.8408403-01	1.0413345 01	1.1297429 01
9.9550002 02	1.7023644 00	1.0858879 01	1.2561243 01
9.9570002 02	2.6576759 00	1.1747304 01	1.4404980 01
9.9600001 02	5.0431672 00	1.4592421 01	1.9635588 01
9.9620002 02	7.4777565 00	1.7928844 01	2.5406600 01
9.9650000 02	1.2653273 01	2.5757260 01	3.8410532 01
9.9700001 02	2.4947101 01	4.6728072 01	7.1675173 01
9.9719999 02	3.0399577 01	5.6970431 01	8.7370008 01
9.9740001 02	3.5470117 01	6.7190963 01	1.0266108 02
9.9750001 02	3.7689522 01	7.1988278 01	1.0967780 02
9.9760001 02	3.9609224 01	7.6408246 01	1.1601747 02
9.9780000 02	4.2322030 01	8.3645329 01	1.2596736 02
9.9790001 02	4.3027074 01	8.6260134 01	1.2928721 02
9.9800001 02	4.3261192 01	8.8102187 01	1.3136338 02
9.9810001 02	4.3017371 01	8.9128489 01	1.3214586 02
9.9820000 02	4.2304547 01	8.9321003 01	1.3162555 02
9.9840001 02	3.9577500 01	8.7266430 01	1.2684393 02
9.9850001 02	3.7651800 01	8.5118330 01	1.2277013 02
9.9860001 02	3.5428647 01	8.2327854 01	1.1775650 02
9.9880001 02	3.0355740 01	7.5224720 01	1.0558046 02
9.9900001 02	2.4905338 01	6.6849141 01	9.1754479 01

TABLE IV

Th²³² CROSS SECTIONSTh²³² Temperature = 0.2 ev

Neutron Energy, E _n (ev)	Radiative Capture Cross Section, σ _γ (barns)	Scattering Cross Section, σ _s (barns)	Total Cross Section, σ _T (barns)
2.5300000-02	7.5585154 00	1.2426619 01	1.9985134 01
5.0000005-02	5.3535846 00	1.2318408 01	1.7671993 01
1.0000001-01	3.7530917 00	1.2255072 01	1.6008163 01
2.5000000-01	2.3146773 00	1.2192201 01	1.4506878 01
5.0000001-01	1.5729130 00	1.2131980 01	1.3704893 01
1.0000001 00	1.0349212 00	1.2035450 01	1.3070371 01
2.0000001 00	6.5014524-01	1.1875838 01	1.2525984 01
5.0000000 00	3.3382196-01	1.1524099 01	1.1857921 01
7.5000000 00	2.5633989-01	1.1296208 01	1.1552548 01
1.0000001 01	2.2560897-01	1.1080953 01	1.1306562 01
1.2000001 01	2.2138980-01	1.0895284 01	1.1116674 01
1.4000001 01	2.3681307-01	1.0672962 01	1.0909775 01
1.5000001 01	2.5574073-01	1.0535983 01	1.0791724 01
1.6000001 01	2.8744804-01	1.0370209 01	1.0657657 01
1.8000001 01	4.3842686-01	9.8739653 00	1.0312392 01
2.0000001 01	1.1792467 00	8.7068460 00	9.8860927 00
2.1000001 01	4.4264162 00	6.8140859 00	1.1240502 01
2.1200001 01	9.1703183 00	5.9855347 00	1.5155853 01
2.1300002 01	1.8661760 01	5.7069871 00	2.4368747 01
2.1400001 01	4.7379111 01	6.3758688 00	5.3754980 01
2.1450002 01	7.6868560 01	7.6224871 00	8.4491047 01
2.1500001 01	1.2217007 02	9.9351702 00	1.3210524 02
2.1550001 01	1.8721039 02	1.3690062 01	2.0090045 02
2.1600001 01	2.7379337 02	1.9166249 01	2.9295962 02
2.1650001 01	3.7976689 02	2.6400772 01	4.0616766 02
2.1700001 01	4.9768437 02	3.5055950 01	5.3274032 02
2.1750001 01	6.1481639 02	4.4365281 01	6.5918167 02
2.1800001 01	7.1500750 02	5.3209488 01	7.6821699 02
2.1850001 01	7.8224840 02	6.0336525 01	8.4258492 02
2.1900001 01	8.0488009 02	6.4666855 01	8.6954695 02
2.1950001 01	7.7893532 02	6.5582024 01	8.4451735 02
2.2000001 01	7.0929487 02	6.3087097 01	7.7238197 02
2.2050001 01	6.0817910 02	5.7784294 01	6.6596339 02
2.2100001 01	4.9163124 02	5.0676571 01	5.4230781 02
2.2150001 01	3.7537687 02	4.2883850 01	4.1826072 02
2.2200001 01	2.7151043 02	3.5378338 01	3.0688877 02
2.2250001 01	1.8690624 02	2.8819981 01	2.1572622 02
2.2300001 01	1.2338333 02	2.3516050 01	1.4689938 02
2.2400001 01	5.0138852 01	1.6541962 01	6.6680814 01
2.2500001 01	2.2002501 01	1.2965204 01	3.4967705 01
2.2600001 01	1.3237242 01	1.1034693 01	2.4271935 01
2.2700001 01	1.1325140 01	9.7337890 00	2.1058929 01
2.2800001 01	1.2470422 01	8.6527599 00	2.1123182 01
2.2900001 01	1.7809397 01	7.7922678 00	2.5601665 01
2.3000001 01	3.5013358 01	7.8313322 00	4.2844690 01
2.3100001 01	8.5091677 01	1.1048688 01	9.6140365 01
2.3200001 01	2.0669924 02	2.2234310 01	2.2893355 02
2.3250001 01	3.0744560 02	3.2714539 01	3.4016014 02
2.3300001 01	4.3749880 02	4.7123409 01	4.8462221 02
2.3350001 01	5.9246336 02	6.5275879 01	6.5773923 02
2.3400001 01	7.6105047 02	8.6150543 01	8.4720102 02
2.3450001 01	9.2549016 02	1.0784674 02	1.0333369 03
2.3500001 01	1.0642289 03	1.2781839 02	1.1920473 03
2.3550001 01	1.1564480 03	1.4336440 02	1.2998124 03
2.3600001 01	1.1872282 03	1.5226081 02	1.3394890 03
2.3650001 01	1.1515318 03	1.5332070 02	1.3048525 03
2.3700001 01	1.0555619 03	1.4668680 02	1.2022487 03
2.3750001 01	9.1497970 02	1.3375070 02	1.0487304 03
2.3800001 01	7.5070347 02	1.1674203 02	8.6744550 02
2.3850001 01	5.8380330 02	9.8144867 01	6.8194817 02
2.3900001 01	4.3124666 02	8.0150818 01	5.1139748 02
2.3950001 01	3.0355093 02	6.4299332 01	3.6785026 02

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.4000001 01	2.0459538 02	5.1368780 01	2.5596416 02
2.4100001 01	8.4386663 01	3.4293268 01	1.1867993 02
2.4200001 01	3.3814956 01	2.5855759 01	5.9670715 01
2.4400001 01	9.1911069 00	1.9924156 01	2.9115263 01
2.4500001 01	6.4994759 00	1.8703416 01	2.5202892 01
2.4600001 01	5.0349951 00	1.7841398 01	2.2876393 01
2.4800001 01	3.3951511 00	1.6649746 01	2.0044897 01
2.5000001 01	2.4862036 00	1.5843395 01	1.8329598 01
2.6000001 01	9.1209572-01	1.3899307 01	1.4811402 01
2.8000001 01	3.4177527-01	1.2627183 01	1.2968958 01
3.0000001 01	2.0817801-01	1.2097728 01	1.2305906 01
3.5000002 01	1.2312965-01	1.1463088 01	1.1586218 01
4.0000001 01	1.0514957-01	1.1070165 01	1.1175315 01
4.5000002 01	1.0527382-01	1.0695303 01	1.0800577 01
5.0000001 01	1.2199588-01	1.0220443 01	1.0342439 01
5.5000001 01	1.9361413-01	9.3716699 00	9.5652840 00
5.6000001 01	2.3883708-01	9.0585795 00	9.2974166 00
5.8000001 01	6.7661044-01	7.7056982 00	8.3823086 00
5.8500001 01	2.3878553 00	6.8908962 00	9.2787515 00
5.8600001 01	4.3614100 00	6.8959389 00	1.1257349 01
5.8800000 01	1.7292257 01	8.5219090 00	2.5814166 01
5.8900001 01	3.3260120 01	1.1255931 01	4.4516101 01
5.9000000 01	5.9823217 01	1.6309257 01	7.6132474 01
5.9100001 01	9.9231735 01	2.4360805 01	1.2359254 02
5.9120001 01	1.0866519 02	2.6355289 01	1.3502048 02
5.9140001 01	1.1857246 02	2.8473540 01	1.4704600 02
5.9150000 01	1.2369205 02	2.9577230 01	1.5326928 02
5.9160001 01	1.2891885 02	3.0710270 01	1.5962912 02
5.9180001 01	1.3966231 02	3.3058359 01	1.7272067 02
5.9200001 01	1.5075025 02	3.5508490 01	1.8625874 02
5.9250001 01	1.7957259 02	4.2003658 01	2.2157625 02
5.9290001 01	2.0314070 02	4.7456270 01	2.5059697 02
5.9300001 01	2.0901484 02	4.8836720 01	2.5785156 02
5.9350001 01	2.3768466 02	5.5715998 01	2.9340066 02
5.9400001 01	2.6402961 02	6.2300758 01	3.2633037 02
5.9450001 01	2.8648372 02	6.8230820 01	3.5471454 02
5.9500001 01	3.0361425 02	7.3158951 01	3.7677320 02
5.9550000 01	3.1427446 02	7.6786197 01	3.9106065 02
5.9580001 01	3.1723895 02	7.8242771 01	3.9548172 02
5.9600001 01	3.1773231 02	7.8893822 01	3.9662613 02
5.9620001 01	3.1702696 02	7.9281410 01	3.9630837 02
5.9650001 01	3.1375404 02	7.9366810 01	3.9312085 02
5.9700001 01	3.0262720 02	7.8204830 01	3.8083203 02
5.9750001 01	2.8513150 02	7.5522190 01	3.6065369 02
5.9800001 01	2.6244262 02	7.1530807 01	3.3397343 02
5.9850001 01	2.3600636 02	6.6516937 01	3.0252330 02
5.9900000 01	2.0738388 02	6.0808310 01	2.6819219 02
5.9960001 01	1.7228602 02	5.3512051 01	2.2579807 02
6.0000001 01	1.4951411 02	4.8627321 01	1.9814143 02
6.0100000 01	9.8566404 01	3.7277575 01	1.3584398 02
6.0200000 01	5.9648396 01	2.8139271 01	8.7787667 01
6.0300000 01	3.3377406 01	2.1601297 01	5.4978703 01
6.0400000 01	1.7513534 01	1.7352058 01	3.4865591 01
6.0500001 01	8.8539367 00	1.4781128 01	2.3635065 01
6.0600000 01	4.5271837 00	1.3283781 01	1.7810964 01
6.0800000 01	1.6029663 00	1.1857223 01	1.3460189 01
6.1000001 01	9.7726309-01	1.1198316 01	1.2175579 01
6.1500002 01	6.3165046-01	1.0303547 01	1.0935197 01
6.2000001 01	5.3491019-01	9.7368969 00	1.0271807 01
6.3000001 01	5.2319448-01	8.8872664 00	9.4104609 00
6.4000001 01	6.2577634-01	8.0920485 00	8.7178249 00
6.5000001 01	8.4918657-01	7.1683010 00	8.0174876 00

TABLE IV (Continued)

T = 0.2 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
6.6000001 01	1.3091271 00	5.9426463 00	7.2517734 00
6.7000001 01	2.4254669 00	4.1406404 00	6.5661073 00
6.7500001 01	3.7070314 00	2.9041673 00	6.6111987 00
6.7600000 01	4.0944419 00	2.6288972 00	6.7233392 00
6.7799999 01	5.0960932 00	2.0656141 00	7.1617073 00
6.8000001 01	6.5743337 00	1.5387175 00	8.1130512 00
6.8500001 01	1.9547343 01	5.0433171 00	2.4590660 01
6.8599999 01	2.9194460 01	1.0921652 01	4.0116112 01
6.8800001 01	7.8251084 01	4.7620576 01	1.2587166 02
6.9000001 01	2.1663607 02	1.6334619 02	3.7998226 02
6.9100000 01	3.4091539 02	2.7189079 02	6.1280618 02
6.9200001 01	5.0653703 02	4.2003027 02	9.2656730 02
6.9299999 01	7.0486115 02	6.0144005 02	1.3063012 03
6.9400001 01	9.1416707 02	7.9766232 02	1.7118294 03
6.9450001 01	1.0130179 03	8.9250879 02	1.9055267 03
6.9500001 01	1.1019162 03	9.7960950 02	2.0815257 03
6.9600001 01	1.2324886 03	1.1141746 03	2.3466632 03
6.9700001 01	1.2782166 03	1.1742482 03	2.4524648 03
6.9800000 01	1.2290260 03	1.1479492 03	2.3769752 03
6.9900001 01	1.0960887 03	1.0427421 03	2.1388308 03
7.0000001 01	9.0765095 02	8.8242234 02	1.7900733 03
7.0099999 01	6.9919399 02	6.9860600 02	1.3978000 03
7.0200001 01	5.0259354 02	5.2081546 02	1.0234090 03
7.0300001 01	3.3880236 02	3.6940071 02	7.0820307 02
7.0400001 01	2.1591434 02	2.5322903 02	4.6914337 02
7.0500001 01	1.3178447 02	1.7163392 02	3.0341839 02
7.0600000 01	7.8599816 01	1.1836610 02	1.9696591 02
7.0700002 01	4.7131604 01	8.5460896 01	1.3259250 02
7.0800000 01	2.9388393 01	6.5768363 01	9.5156756 01
7.1000001 01	1.4142326 01	4.6693639 01	6.0835965 01
7.1500001 01	5.6265926 00	3.2006760 01	3.7633353 01
7.2000001 01	3.2648951 00	2.6326172 01	2.9591067 01
7.4000001 01	9.1099733-01	1.8554543 01	1.9465540 01
7.5000001 01	6.0966991-01	1.7074477 01	1.7684147 01
7.6000001 01	4.4231936-01	1.6094559 01	1.6536878 01
7.8000001 01	2.7249935-01	1.4867577 01	1.5140076 01
8.0000001 01	1.9250320-01	1.4119754 01	1.4312257 01
9.0000001 01	8.6880144-02	1.2460891 01	1.2547771 01
1.0000001 02	8.2126786-02	1.1548533 01	1.1630660 01
1.1000001 02	3.7976513-01	9.4579268 00	9.8376918 00
1.1050001 02	5.1653472-01	9.0759523 00	9.5924870 00
1.1100001 02	7.8406764-01	8.5333976 00	9.3174652 00
1.1150002 02	1.7284951 00	7.7307355 00	9.4592306 00
1.1200001 02	1.3039128 01	8.4055508 00	2.1444679 01
1.1220000 02	3.2479744 01	1.2048512 01	4.4528256 01
1.1250001 02	9.9650830 01	2.7850160 01	1.2748099 02
1.1260001 02	1.3286774 02	3.6467701 01	1.6933544 02
1.1270001 02	1.6909719 02	4.6384850 01	2.1548204 02
1.1280001 02	2.0520997 02	5.6850620 01	2.6206059 02
1.1290001 02	2.3731336 02	6.6862419 01	3.0417578 02
1.1300001 02	2.6142227 02	7.5301812 01	3.3672408 02
1.1310001 02	2.7426748 02	8.1148308 01	3.5541579 02
1.1315001 02	2.7582697 02	8.2861241 01	3.5868821 02
1.1320001 02	2.7402623 02	8.3694058 01	3.5772029 02
1.1330001 02	2.6075270 02	8.2698983 01	3.4345168 02
1.1340001 02	2.3635158 02	7.8433168 01	3.1478475 02
1.1350001 02	2.0414096 02	7.1602858 01	2.7574382 02
1.1360001 02	1.6809779 02	6.3176979 01	2.3127477 02
1.1370001 02	1.3206397 02	5.4178791 01	1.8624276 02
1.1380001 02	9.9105716 01	4.5499213 01	1.4460493 02
1.1390001 02	7.1161518 01	3.7773722 01	1.0893524 02
1.1400001 02	4.9019026 01	3.1345073 01	8.0364099 01

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.1420002 02	2.0922544 01	2.2512129 01	4.3434673 01
1.1450001 02	5.2316574 00	1.6550932 01	2.1782589 01
1.1500001 02	1.2100707 00	1.3790180 01	1.5000251 01
1.1600001 02	5.7912496-01	1.2055256 01	1.2634381 01
1.1700001 02	5.1017856-01	1.0985384 01	1.1495562 01
1.1800001 02	6.6701496-01	9.8743650 00	1.0541380 01
1.1900001 02	1.4311844 00	8.1545340 00	9.5857183 00
1.1950002 02	4.6001929 00	7.3047201 00	1.1904913 01
1.2000001 02	4.0070441 01	1.8393575 01	5.8464016 01
1.2010001 02	5.9935206 01	2.6109186 01	8.6044392 01
1.2020001 02	8.6643959 01	3.7018321 01	1.2366228 02
1.2030001 02	1.2054614 02	5.1453500 01	1.7199964 02
1.2040001 02	1.6097184 02	6.9319809 01	2.3029165 02
1.2050001 02	2.0595656 02	8.9939388 01	2.9589595 02
1.2060001 02	2.5218947 02	1.1198495 02	3.6417442 02
1.2070001 02	2.9531627 02	1.3357036 02	4.2888663 02
1.2080001 02	3.3057046 02	1.5249970 02	4.8307016 02
1.2090001 02	3.5362120 02	1.6663616 02	5.2025736 02
1.2100001 02	3.6145772 02	1.7432090 02	5.3577862 02
1.2110001 02	3.5304065 02	1.7471412 02	5.2775477 02
1.2120001 02	3.2952100 02	1.6795938 02	4.9748039 02
1.2130001 02	2.9399503 02	1.5513964 02	4.4913468 02
1.2140001 02	2.5081408 02	1.3801679 02	3.8883087 02
1.2150001 02	2.0472254 02	1.1866311 02	3.2338565 02
1.2160001 02	1.6000452 02	9.9067701 01	2.5907222 02
1.2170001 02	1.1989267 02	8.0836859 01	2.0072953 02
1.2180001 02	8.6281577 01	6.5020872 01	1.5130245 02
1.2190001 02	5.9798471 01	5.2103029 01	1.1190150 02
1.2200001 02	4.0078500 01	4.2092631 01	8.2171131 01
1.2220002 02	1.6746229 01	2.9381030 01	4.6127259 01
1.2240002 02	6.9077427 00	2.3178559 01	3.0086302 01
1.2250001 02	4.6200432 00	2.1448264 01	2.6068307 01
1.2300001 02	1.3773536 00	1.7759034 01	1.9136388 01
1.2350002 02	8.2381614-01	1.6323730 01	1.7147546 01
1.2400001 02	5.7916986-01	1.5444109 01	1.6023279 01
1.2500001 02	3.6232168-01	1.4352833 01	1.4715155 01
1.2600001 02	2.8657778-01	1.3632596 01	1.3919174 01
1.2700001 02	3.2597872-01	1.2998421 01	1.3324400 01
1.2750001 02	7.1014280-01	1.2613948 01	1.3324091 01
1.2760001 02	9.2441235-01	1.2523216 01	1.3447629 01
1.2780001 02	1.6608035 00	1.2326827 01	1.3987630 01
1.2800001 02	3.1116423 00	1.2123504 01	1.5235146 01
1.2850001 02	1.5819576 01	1.2101153 01	2.7920729 01
1.2860001 02	2.1346267 01	1.2355978 01	3.3702245 01
1.2870002 02	2.8143907 01	1.2763512 01	4.0907419 01
1.2880001 02	3.6058045 01	1.3340094 01	4.9398139 01
1.2900001 02	5.3469101 01	1.4966882 01	6.8435983 01
1.2910001 02	6.1543879 01	1.5936370 01	7.7480249 01
1.2920001 02	6.8063662 01	1.6916026 01	8.4979688 01
1.2930001 02	7.2246996 01	1.7817952 01	9.0064948 01
1.2940001 02	7.3549743 01	1.8556095 01	9.2105838 01
1.2950001 02	7.1782130 01	1.9062221 01	9.0844351 01
1.2960001 02	6.7146551 01	1.9297404 01	8.6443954 01
1.2970001 02	6.0200610 01	1.9258310 01	7.9458920 01
1.2980001 02	5.1735560 01	1.8975312 01	7.0710872 01
1.2990001 02	4.2631956 01	1.8504078 01	6.1136034 01
1.3000001 02	3.3702272 01	1.7913306 01	5.1615578 01
1.3020002 02	1.8665905 01	1.6638301 01	3.5304206 01
1.3050001 02	5.8731023 00	1.5121428 01	2.0994530 01
1.3070002 02	2.4132339 00	1.4503038 01	1.6916272 01
1.3100001 02	7.0022706-01	1.3979716 01	1.4679943 01
1.3200002 02	1.8696507-01	1.3319898 01	1.3506863 01

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.3300002 02	1.2868529-01	1.3009330 01	1.3138015 01
1.3400002 02	1.0384031-01	1.2797369 01	1.2901210 01
1.3500001 02	9.0241771-02	1.2632528 01	1.2722770 01
1.3600000 02	7.2050136-02	1.2267259 01	1.2339309 01
1.4000001 02	6.7200639-02	1.2074647 01	1.2141847 01
1.4500001 02	2.1067237-01	1.1618334 01	1.1829006 01
1.4550002 02	9.1770330-01	1.1559271 01	1.2476974 01
1.4600001 02	2.0773218 00	1.1554388 01	1.3631709 01
1.4620001 02	2.2353307 00	1.1571021 01	1.3806352 01
1.4640001 02	2.0722875 00	1.1587140 01	1.3659427 01
1.4650001 02	1.8876474 00	1.1592019 01	1.3479666 01
1.4660001 02	1.6581729 00	1.1593703 01	1.3251876 01
1.4680001 02	1.1520278 00	1.1586711 01	1.2738739 01
1.4700001 02	7.0485012-01	1.1568157 01	1.2273007 01
1.4800002 02	7.7465408-02	1.1446282 01	1.1523747 01
1.4900000 02	7.0075532-02	1.1347691 01	1.1417766 01
1.5000001 02	7.1150829-02	1.1251452 01	1.1322603 01
1.5100002 02	7.4043236-02	1.1151083 01	1.1225126 01
1.5200002 02	7.9792851-02	1.1041534 01	1.1121327 01
1.5300001 02	1.3709518-01	1.0906963 01	1.1044058 01
1.5350001 02	5.9280069-01	1.0813886 01	1.1406687 01
1.5400001 02	2.4092973 00	1.0739741 01	1.3149038 01
1.5420001 02	3.4233822 00	1.0743087 01	1.4166469 01
1.5440001 02	4.2333529 00	1.0771141 01	1.5004494 01
1.5450001 02	4.4638051 00	1.0791746 01	1.5255551 01
1.5460001 02	4.5418361 00	1.0814004 01	1.5355840 01
1.5470001 02	4.4591397 00	1.0835442 01	1.5294582 01
1.5480001 02	4.2249667 00	1.0853691 01	1.5078658 01
1.5500001 02	3.4123987 00	1.0873414 01	1.4285813 01
1.5520001 02	2.4028848 00	1.0866032 01	1.3268917 01
1.5550002 02	1.1241961 00	1.0814762 01	1.1938958 01
1.5570002 02	6.0385855-01	1.0768483 01	1.1372342 01
1.5600001 02	2.3939098-01	1.0699852 01	1.0939243 01
1.5800001 02	1.1087654-01	1.0341291 01	1.0452167 01
1.5900002 02	1.2118430-01	1.0153549 01	1.0274733 01
1.6000001 02	1.3581826-01	9.9419386 00	1.0077757 01
1.6500001 02	3.7377830-01	8.0548967 00	8.4286750 00
1.6600001 02	5.3303535-01	7.2916989 00	7.8247343 00
1.6700001 02	8.4590821-01	6.1998687 00	7.0457769 00
1.6800001 02	1.6240830 00	4.5307122 00	6.1547952 00
1.6900001 02	6.8992615 00	4.4877884 00	1.1387050 01
1.6920001 02	1.2701566 01	8.8877640 00	2.1589330 01
1.6940001 02	2.5275673 01	2.0695505 01	4.5971178 01
1.6960001 02	5.0307745 01	4.6889232 01	9.7196977 01
1.6980001 02	9.4469037 01	9.6172202 01	1.9064124 02
1.7000001 02	1.6180351 02	1.7481972 02	3.3662323 02
1.7010001 02	2.0336867 02	2.2480085 02	4.2816952 02
1.7020001 02	2.4834989 02	2.7998364 02	5.2833353 02
1.7030001 02	2.9439857 02	3.3772377 02	6.3212233 02
1.7040001 02	3.3855021 02	3.9454169 02	7.3309190 02
1.7050001 02	3.7751071 02	4.4643604 02	8.2394675 02
1.7060001 02	4.0805851 02	4.8935353 02	8.9741204 02
1.7070001 02	4.2748597 02	5.1972719 02	9.4721315 02
1.7080001 02	4.3399825 02	5.3498688 02	9.6898512 02
1.7090001 02	4.2698771 02	5.3393486 02	9.6092257 02
1.7100001 02	4.0713025 02	5.1692450 02	9.2405475 02
1.7110001 02	3.7627483 02	4.8578237 02	8.6205721 02
1.7120001 02	3.3715991 02	4.4351326 02	7.8067317 02
1.7130001 02	2.9300788 02	3.9383933 02	6.8684721 02
1.7140001 02	2.4708797 02	3.4067718 02	5.8776515 02
1.7150001 02	2.0232512 02	2.8765021 02	4.8997533 02
1.7160001 02	1.6101906 02	2.3771965 02	3.9873871 02

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_n (barns)
1.7180001 02	9.4172491 01	1.5462191 02	2.4879440 02
1.7200001 02	5.0305158 01	9.7817681 01	1.4812284 02
1.7250001 02	9.2845961 00	3.9701195 01	4.8985792 01
1.7300001 02	3.0318846 00	2.7496104 01	3.0527989 01
1.7350001 02	1.7463341 00	2.3386547 01	2.5132881 01
1.7400001 02	1.1938786 00	2.1078530 01	2.2272408 01
1.7500001 02	6.8054129-01	1.8426067 01	1.9106608 01
1.8000001 02	1.7566025-01	1.4241525 01	1.4417185 01
1.8500001 02	1.2839868-01	1.2758398 01	1.2886797 01
1.9000001 02	3.7995628-01	1.0830744 01	1.1210700 01
1.9100001 02	1.3405131 00	9.7377299 00	1.1078243 01
1.9200001 02	3.7825991 01	1.6121825 01	5.3947816 01
1.9210001 02	4.9311108 01	1.9004859 01	6.8315967 01
1.9220001 02	6.2629509 01	2.2540833 01	8.5170342 01
1.9230001 02	7.7431076 01	2.6682624 01	1.0411370 02
1.9240001 02	9.3130781 01	3.1312348 01	1.2444313 02
1.9250001 02	1.0892433 02	3.6238440 01	1.4516277 02
1.9260001 02	1.2384564 02	4.1205091 01	1.6505073 02
1.9270001 02	1.3685650 02	4.5911970 01	1.8276847 02
1.9280001 02	1.4696867 02	5.0046719 01	1.9701539 02
1.9300001 02	1.5550305 02	5.5499710 01	2.1100276 02
1.9320001 02	1.4667546 02	5.6122540 01	2.0279800 02
1.9340001 02	1.2339719 02	5.2057179 01	1.7545437 02
1.9350001 02	1.0846881 02	4.8722151 01	1.5719096 02
1.9360001 02	9.2709791 01	4.4874347 01	1.3758414 02
1.9370001 02	7.7075976 01	4.0792534 01	1.1786851 02
1.9380001 02	6.2356797 01	3.6728205 01	9.9085002 01
1.9390001 02	4.9126016 01	3.2885174 01	8.2011190 01
1.9400001 02	3.7721508 01	2.9407040 01	6.7128548 01
1.9450001 02	7.3338256 00	1.8747897 01	2.6081723 01
1.9500001 02	1.4072977 00	1.5499212 01	1.6906509 01
1.9530002 02	8.4327425-01	1.4725165 01	1.5568439 01
1.9550001 02	7.7561622-01	1.4363981 01	1.5139598 01
1.9570002 02	8.4703348-01	1.4064869 01	1.4911902 01
1.9600001 02	1.1750114 00	1.3688773 01	1.4863785 01
1.9650001 02	1.9882139 00	1.3193590 01	1.5181804 01
1.9660001 02	2.1023542 00	1.3108094 01	1.5210448 01
1.9670001 02	2.1753341 00	1.3024711 01	1.5200045 01
1.9680001 02	2.2009190 00	1.2942043 01	1.5142962 01
1.9690001 02	2.1772641 00	1.2858607 01	1.5035871 01
1.9700001 02	2.1071111 00	1.2772896 01	1.4880007 01
1.9720002 02	1.8595723 00	1.2589147 01	1.4448719 01
1.9740002 02	1.5547941 00	1.2382144 01	1.3936938 01
1.9760002 02	1.3250937 00	1.2149370 01	1.3474464 01
1.9780002 02	1.3451451 00	1.1901402 01	1.3246547 01
1.9800001 02	1.9012472 00	1.1678482 01	1.3579729 01
1.9820002 02	3.5242179 00	1.1582177 01	1.5106395 01
1.9860001 02	1.3939742 01	1.2706244 01	2.6645986 01
1.9880001 02	2.5211282 01	1.4647274 01	3.9858556 01
1.9900001 02	4.1331067 01	1.7933862 01	5.9264929 01
1.9910001 02	5.0868502 01	2.0083377 01	7.0951879 01
1.9920001 02	6.0932892 01	2.2505979 01	8.3438871 01
1.9930001 02	7.1012611 01	2.5106609 01	9.6119221 01
1.9940001 02	8.0499056 01	2.7756114 01	1.0825517 02
1.9950001 02	8.8746532 01	3.0301657 01	1.1904819 02
1.9960001 02	9.5140499 01	3.2581141 01	1.2772164 02
1.9980001 02	1.0052681 02	3.5760149 01	1.3628696 02
2.0000001 02	9.4948385 01	3.6486695 01	1.3143508 02
2.0010001 02	8.8485842 01	3.5891168 01	1.2437701 02
2.0020001 02	8.0199063 01	3.4740057 01	1.1493912 02
2.0030001 02	7.0701209 01	3.3146280 01	1.0384749 02
2.0040001 02	6.0636823 01	3.1246167 01	9.1882990 01

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.0050001 02	5.0607191 01	2.9181412 01	7.9788603 01
2.0060001 02	4.1115378 01	2.7083636 01	6.8199064 01
2.0080001 02	2.5089170 01	2.3203539 01	4.8292709 01
2.0100001 02	1.3872361 01	2.0141712 01	3.4014073 01
2.0150001 02	2.3521625 00	1.6166812 01	1.8518974 01
2.0200001 02	6.5349743-01	1.4924953 01	1.5578450 01
2.0220001 02	6.0248338-01	1.4674614 01	1.5277097 01
2.0240001 02	6.4288503-01	1.4481440 01	1.5124325 01
2.0250001 02	6.7659259-01	1.4399662 01	1.5076255 01
2.0260001 02	7.1133261-01	1.4325610 01	1.5036943 01
2.0280001 02	7.6464152-01	1.4196342 01	1.4960983 01
2.0300001 02	7.7276493-01	1.4086359 01	1.4859124 01
2.0320002 02	7.2369206-01	1.3989795 01	1.4713487 01
2.0340002 02	6.2609391-01	1.3901992 01	1.4528086 01
2.0350001 02	5.6619902-01	1.3860327 01	1.4426526 01
2.0400001 02	2.8272498-01	1.3667259 01	1.3949984 01
2.0500001 02	1.1457394-01	1.3355511 01	1.3470085 01
2.1000001 02	7.7782511-02	1.2437837 01	1.2515619 01
2.1300000 02	8.8675102-02	1.1954277 01	1.2042952 01
2.1500001 02	1.1436553-01	1.1539846 01	1.1654211 01
2.1700000 02	1.8676149-01	1.0900998 01	1.1087759 01
2.1900000 02	5.3200637-01	9.5013246 00	1.0033331 01
2.2000001 02	4.2372386 00	8.8141224 00	1.3051361 01
2.2020001 02	8.4311092 00	9.9189036 00	1.8350013 01
2.2040001 02	1.6434870 01	1.2728847 01	2.9163716 01
2.2060001 02	3.0220577 01	1.8344600 01	4.8565177 01
2.2080001 02	5.1357437 01	2.7816925 01	7.9174363 01
2.2100001 02	7.9813176 01	4.1543253 01	1.2135643 02
2.2120001 02	1.1280586 02	5.8592599 01	1.7139846 02
2.2140001 02	1.4458860 02	7.6404511 01	2.2099311 02
2.2160001 02	1.6781884 02	9.1271449 01	2.5909029 02
2.2180001 02	1.7626666 02	9.9611278 01	2.7587793 02
2.2200001 02	1.6752252 02	9.9442871 01	2.6696539 02
2.2220001 02	1.4411760 02	9.1233010 01	2.3535061 02
2.2230001 02	1.2880397 02	8.4875160 01	2.1367913 02
2.2250001 02	9.5615896 01	6.9849694 01	1.6546559 02
2.2260001 02	7.9463106 01	6.2067892 01	1.4153100 02
2.2270001 02	6.4504079 01	5.4606641 01	1.1911072 02
2.2280001 02	5.1174320 01	4.7736644 01	9.8910963 01
2.2290001 02	3.9710084 01	4.1632789 01	8.1342873 01
2.2300001 02	3.0172225 01	3.6380665 01	6.6552890 01
2.2320000 02	1.6459666 01	2.8409782 01	4.4869448 01
2.2350000 02	6.0148321 00	2.1599465 01	2.7614297 01
2.2400001 02	1.2567059 00	1.7447502 01	1.8744208 01
2.2450000 02	5.7998716-01	1.6090157 01	1.6670144 01
2.2500001 02	3.8644416-01	1.5367720 01	1.5754164 01
2.2600002 02	2.2728909-01	1.4518124 01	1.4745413 01
2.2800002 02	1.2096524-01	1.3661791 01	1.3782756 01
2.3000001 02	8.4866892-02	1.3194350 01	1.3279217 01
2.3500000 02	5.8756504-02	1.2507070 01	1.2565826 01
2.4000001 02	5.9256544-02	1.1968560 01	1.2027817 01
2.4300000 02	7.0875349-02	1.1582093 01	1.1652969 01
2.4500002 02	9.0354501-02	1.1230714 01	1.1321068 01
2.4700000 02	1.3864215-01	1.0695032 01	1.0833674 01
2.4800000 02	1.9469852-01	1.0274817 01	1.0469515 01
2.4900000 02	3.2170638-01	9.6231725 00	9.9448789 00
2.5000001 02	1.1052551 00	8.5729033 00	9.6781583 00
2.5050002 02	4.9880542 00	9.1631487 00	1.4151203 01
2.5100001 02	2.3367239 01	1.7118287 01	4.0485526 01
2.5110001 02	3.0460038 01	2.0656489 01	5.1116527 01
2.5120001 02	3.8962988 01	2.5063242 01	6.4026230 01
2.5130001 02	4.8865480 01	3.0373273 01	7.9238753 01

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.5140001 02	6.0045731 01	3.6561467 01	9.6607199 01
2.5150001 02	7.2258180 01	4.3532240 01	1.1579042 02
2.5160001 02	8.5124714 01	5.1109964 01	1.3623468 02
2.5180001 02	1.1073090 02	6.7004980 01	1.7773588 02
2.5200001 02	1.3198673 02	8.1525820 01	2.1351255 02
2.5220001 02	1.4405807 02	9.1675289 01	2.3573336 02
2.5230001 02	1.4560072 02	9.4360520 01	2.3996124 02
2.5240001 02	1.4394534 02	9.5233521 01	2.3917886 02
2.5250001 02	1.3920488 02	9.4278559 01	2.3348344 02
2.5260001 02	1.3168914 02	9.1598820 01	2.2328796 02
2.5280001 02	1.1035470 02	8.1989539 01	1.9234424 02
2.5300001 02	8.4781039 01	6.8892810 01	1.5367385 02
2.5320001 02	5.9809100 01	5.5095200 01	1.1490430 02
2.5340001 02	3.8847242 01	4.2787447 01	8.1634690 01
2.5350001 02	3.0395947 01	3.7596320 01	6.7992267 01
2.5400001 02	6.9704272 00	2.1851647 01	2.8822074 01
2.5500001 02	5.4912383-01	1.5378742 01	1.5927866 01
2.5700000 02	1.8990620-01	1.3396507 01	1.3586413 01
2.5900000 02	1.5580544-01	1.2422909 01	1.2578714 01
2.6000001 02	1.8058818-01	1.1938920 01	1.2119508 01
2.6100001 02	2.7543582-01	1.1296589 01	1.1572025 01
2.6150002 02	4.9811952-01	1.0847149 01	1.1345269 01
2.6200001 02	1.8955955 00	1.0499689 01	1.2395284 01
2.6250002 02	9.4664476 00	1.1892813 01	2.1359261 01
2.6300001 02	3.4086292 01	1.9644464 01	5.3730756 01
2.6320001 02	4.9727384 01	2.5400345 01	7.5127729 01
2.6340001 02	6.6806055 01	3.2259872 01	9.9065928 01
2.6350001 02	7.5039088 01	3.5824252 01	1.1086334 02
2.6360001 02	8.2528647 01	3.9278653 01	1.2180730 02
2.6380001 02	9.3677367 01	4.5196862 01	1.3887423 02
2.6390001 02	9.6675528 01	4.7355171 01	1.4403070 02
2.6400001 02	9.7673384 01	4.8819925 01	1.4649331 02
2.6410001 02	9.6602750 01	4.9519858 01	1.4612261 02
2.6420001 02	9.3537853 01	4.9435446 01	1.4297330 02
2.6440001 02	8.2297846 01	4.7072844 01	1.2937069 02
2.6450001 02	7.4790016 01	4.4981244 01	1.1977126 02
2.6460001 02	6.6556912 01	4.2457109 01	1.0901402 02
2.6480001 02	4.9523302 01	3.6706561 01	8.6229863 01
2.6500000 02	3.3956219 01	3.0930953 01	6.4887172 01
2.6550001 02	9.4698905 00	2.0556619 01	3.0026510 01
2.6600001 02	1.9016135 00	1.6380696 01	1.8282309 01
2.6700002 02	2.5345353-01	1.4432192 01	1.4685645 01
2.6800001 02	1.4779521-01	1.3801220 01	1.3949016 01
2.7000001 02	8.7792888-02	1.3150475 01	1.3238268 01
2.7200000 02	6.9512864-02	1.2760306 01	1.2829819 01
2.7500001 02	6.3200131-02	1.2319555 01	1.2382755 01
2.7700000 02	6.7089268-02	1.2040844 01	1.2107933 01
2.7900000 02	7.9657166-02	1.1724467 01	1.1804124 01
2.8000001 02	9.1988185-02	1.1532289 01	1.1624277 01
2.8100002 02	1.1234706-01	1.1297752 01	1.1410099 01
2.8300002 02	2.2350540-01	1.0548564 01	1.0772070 01
2.8500001 02	5.6964854 00	9.8360247 00	1.5532510 01
2.8520001 02	1.0311878 01	1.1015166 01	2.1327044 01
2.8540001 02	1.7815555 01	1.3339256 01	3.1154811 01
2.8560001 02	2.8965629 01	1.7239951 01	4.6205580 01
2.8580001 02	4.3977490 01	2.2989589 01	6.6967078 01
2.8600001 02	6.2082646 01	3.0490282 01	9.2572928 01
2.8620001 02	8.1293294 01	3.9114356 01	1.2040765 02
2.8640001 02	9.8603499 01	4.7707220 01	1.4631072 02
2.8650001 02	1.0549649 02	5.1540240 01	1.5703673 02
2.8660001 02	1.1070507 02	5.4820819 01	1.6552589 02
2.8670001 02	1.1393827 02	5.7390290 01	1.7132856 02

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.8680001 02	1.1531000 02	5.9126300 01	1.7413630 02
2.8690001 02	1.1385907 02	5.9953369 01	1.7381244 02
2.8700000 02	1.1055357 02	5.9848719 01	1.7040229 02
2.8710001 02	1.0528538 02	5.8844820 01	1.6413020 02
2.8720001 02	9.8348925 01	5.7022495 01	1.5537142 02
2.8740001 02	8.1011440 01	5.1448978 01	1.3246042 02
2.8750001 02	7.1452547 01	4.8018522 01	1.1947107 02
2.8760001 02	6.1843635 01	4.4384635 01	1.0622827 02
2.8780001 02	4.3817885 01	3.7120096 01	8.0937981 01
2.8800001 02	2.8888314 01	3.0637853 01	5.9526167 01
2.8900001 02	1.7086319 00	1.6330550 01	1.8039182 01
2.9000001 02	3.2043961-01	1.4356006 01	1.4676446 01
2.9100000 02	1.8601187-01	1.3649288 01	1.3835300 01
2.9300002 02	1.0480862-01	1.2912269 01	1.3017077 01
2.9500001 02	8.0518165-02	1.2462345 01	1.2542863 01
2.9700000 02	7.4214827-02	1.2094905 01	1.2169120 01
2.9800000 02	7.5444410-02	1.1913646 01	1.1989090 01
3.0000001 02	8.8766184-02	1.1504633 01	1.1593399 01
3.0100002 02	1.0516050-01	1.1244905 01	1.1350065 01
3.0300002 02	2.0907270-01	1.048989 01	1.0618062 01
3.0500001 02	1.2669194 01	1.2957725 01	2.5626919 01
3.0520001 02	2.0758243 01	1.6331496 01	3.7089739 01
3.0540001 02	3.1893858 01	2.1387563 01	5.3281421 01
3.0550001 02	3.8537628 01	2.4568125 01	6.3105753 01
3.0560001 02	4.5761244 01	2.8146232 01	7.3907476 01
3.0580001 02	6.1176794 01	3.6192526 01	9.7369320 01
3.0600001 02	7.6106342 01	4.4626138 01	1.2073248 02
3.0620001 02	8.8035558 01	5.2187032 01	1.4022259 02
3.0640001 02	9.4662951 01	5.7575268 01	1.5223822 02
3.0650001 02	9.5502831 01	5.9129299 01	1.5463213 02
3.0660001 02	9.4600989 01	5.9822530 01	1.5442352 02
3.0680000 02	8.7871199 01	5.8611740 01	1.4648294 02
3.0700001 02	7.5885401 01	5.4359419 01	1.3024482 02
3.0720001 02	6.0960446 01	4.8047663 01	1.0900811 02
3.0740001 02	4.5592820 01	4.0893561 01	8.6486381 01
3.0750001 02	3.8401999 01	3.7355228 01	7.5757227 01
3.0760001 02	3.1790209 01	3.3992377 01	6.5782586 01
3.0780001 02	2.0715638 01	2.8087129 01	4.8802767 01
3.0800001 02	1.2667986 01	2.3499240 01	3.6167226 01
3.0820000 02	7.3236236 00	2.0206614 01	2.7530238 01
3.0840000 02	4.0556989 00	1.7985525 01	2.2041224 01
3.0860000 02	2.2019873 00	1.6547847 01	1.8749734 01
3.0880000 02	1.2163394 00	1.5630539 01	1.6846879 01
3.0900000 02	7.1735836-01	1.5034694 01	1.5752052 01
3.1000001 02	2.0955046-01	1.3751047 01	1.3960597 01
3.1200001 02	1.0701753-01	1.2798100 01	1.2905118 01
3.1400001 02	8.2775219-02	1.2276500 01	1.2359275 01
3.1500001 02	7.8603987-02	1.2067733 01	1.2146337 01
3.1600001 02	7.7310048-02	1.1873175 01	1.1950485 01
3.1800001 02	8.1347636-02	1.1492515 01	1.1573863 01
3.2000000 02	9.4653595-02	1.1077372 01	1.1172025 01
3.2500001 02	2.5121316-01	9.3146560 00	9.5658691 00
3.2600001 02	3.7138701-01	8.5933841 00	8.9647711 00
3.2700002 02	6.5559001-01	7.5080347 00	8.1636247 00
3.2800001 02	2.7215960 00	6.7261643 00	9.4477603 00
3.2850002 02	1.0010121 01	1.1325339 01	2.1335460 01
3.2900001 02	3.4498865 01	3.2782963 01	6.7281827 01
3.2910001 02	4.2715491 01	4.0597618 01	8.3313109 01
3.2920001 02	5.2156599 01	4.9797140 01	1.0195374 02
3.2930001 02	6.2765415 01	6.0371194 01	1.2313661 02
3.2940001 02	7.4403591 01	7.2226938 01	1.4663053 02
3.2950001 02	8.6848883 01	8.5183407 01	1.7203229 02

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
3.2960001 02	9.9792740 01	9.8964649 01	1.9875739 02
3.2980001 02	1.2556775 02	1.2745867 02	2.5302642 02
3.3000001 02	1.4803837 02	1.5398003 02	3.0201840 02
3.3020001 02	1.6340653 02	1.7439609 02	3.3780262 02
3.3030001 02	1.6747080 02	1.8118025 02	3.4865105 02
3.3040001 02	1.6881354 02	1.8525687 02	3.5407041 02
3.3050001 02	1.6736962 02	1.8646930 02	3.5383892 02
3.3060001 02	1.6321373 02	1.8480427 02	3.4801799 02
3.3080001 02	1.4770587 02	1.7348445 02	3.2119032 02
3.3100000 02	1.2518168 02	1.5376185 02	2.7894353 02
3.3120001 02	9.9439718 01	1.2931434 02	2.2875406 02
3.3140001 02	7.4140032 01	1.0396826 02	1.7810829 02
3.3150001 02	6.2556070 01	9.1965470 01	1.5452154 02
3.3200001 02	2.1663522 01	4.7052103 01	6.8715625 01
3.3250002 02	5.8906909 00	2.7305058 01	3.3195749 01
3.3300001 02	1.7822200 00	2.0670457 01	2.2452677 01
3.3350002 02	8.6342306-01	1.8233868 01	1.9097291 01
3.3400001 02	5.8356791-01	1.6946614 01	1.7530182 01
3.3500001 02	3.6142242-01	1.5395660 01	1.5757082 01
3.3570002 02	2.8888349-01	1.4658325 01	1.4947208 01
3.3580002 02	2.8133299-01	1.4566084 01	1.4847477 01
3.4000001 02	3.6677855-01	1.1180333 01	1.1547112 01
3.4050002 02	6.3939398-01	1.0583818 01	1.1223212 01
3.4100002 02	1.9971108 00	1.0366900 01	1.2364011 01
3.4150002 02	8.0447418 00	1.2969752 01	2.1014494 01
3.4200001 02	2.6606887 01	2.4651533 01	5.1258420 01
3.4220001 02	3.8998274 01	3.3389458 01	7.2387732 01
3.4240001 02	5.3772456 01	4.4416759 01	9.8189215 01
3.4250001 02	6.1672117 01	5.0567613 01	1.1223973 02
3.4260001 02	6.9615798 01	5.6945731 01	1.2656153 02
3.4280001 02	8.4537712 01	6.9593507 01	1.5413122 02
3.4300001 02	9.6231129 01	8.0594770 01	1.7682590 02
3.4310001 02	1.0019654 02	8.4918328 01	1.8511487 02
3.4320001 02	1.0264366 02	8.8208889 01	1.9085255 02
3.4330000 02	1.0345238 02	9.0331320 01	1.9378370 02
3.4340001 02	1.0258235 02	9.1205340 01	1.9378769 02
3.4350001 02	1.0008167 02	9.0816609 01	1.9089828 02
3.4360001 02	9.6063725 01	8.9203104 01	1.8526683 02
3.4380001 02	8.4313456 01	8.2771864 01	1.6708532 02
3.4400001 02	6.9381201 01	7.3223509 01	1.4260471 02
3.4420001 02	5.3572739 01	6.2224710 01	1.1579745 02
3.4440001 02	3.8858927 01	5.1338400 01	9.0197327 01
3.4450001 02	3.2345553 01	4.6316556 01	7.8662110 01
3.4500001 02	1.0459411 01	2.8127926 01	3.8587337 01
3.4600002 02	7.4104488-01	1.7623643 01	1.8364686 01
3.4700002 02	2.5045921-01	1.5888202 01	1.6138661 01
3.4800002 02	1.6447344-01	1.5080870 01	1.5245344 01
3.4900002 02	1.2469149-01	1.4549841 01	1.4674533 01
3.5000001 02	1.0263756-01	1.4154713 01	1.4257350 01
3.5200002 02	8.1127991-02	1.3564788 01	1.3645916 01
3.5400002 02	7.3582629-02	1.3094405 01	1.3167987 01
3.5500001 02	7.2992886-02	1.2874490 01	1.2947483 01
3.5600002 02	7.4308322-02	1.2653774 01	1.2728082 01
3.5800002 02	8.3784645-02	1.2177059 01	1.2260843 01
3.6000001 02	1.0916336-01	1.1576210 01	1.1685374 01
3.6200001 02	1.8127240-01	1.0653940 01	1.0835213 01
3.6400001 02	9.0836975-01	8.8909509 00	9.7993206 00
3.6500001 02	1.1932873 01	1.4911936 01	2.6844809 01
3.6550001 02	3.4494748 01	3.2602156 01	6.7096905 01
3.6560001 02	4.0965104 01	3.8063737 01	7.9028840 01
3.6580001 02	5.5321213 01	5.0633137 01	1.0595435 02
3.6600001 02	7.0433247 01	6.4547012 01	1.3498026 02

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_g (barns)	σ_T (barns)
3.6620001 02	8.4457440 01	7.8278349 01	1.6273579 02
3.6640001 02	9.5335079 01	8.9977842 01	1.8531292 02
3.6650001 02	9.9006967 01	9.4496183 01	1.9350315 02
3.6660001 02	1.0127086 02	9.7878600 01	1.9914946 02
3.6670001 02	1.0201979 02	9.9988831 01	2.0200861 02
3.6680001 02	1.0122710 02	1.0075750 02	2.0198460 02
3.6690001 02	9.8924686 01	1.0016568 02	1.9909037 02
3.6700001 02	9.5218382 01	9.8262687 01	1.9348107 02
3.6720001 02	8.4310002 01	9.0997597 01	1.7530760 02
3.6740001 02	7.0303118 01	8.0317782 01	1.5062090 02
3.6750001 02	6.2786682 01	7.4235128 01	1.3702181 02
3.6800001 02	2.8839276 01	4.4381085 01	7.3220361 01
3.6850002 02	1.0328318 01	2.5385164 01	3.5713482 01
3.6900001 02	6.7426381 00	1.8239110 01	2.4981748 01
3.6950002 02	1.5801072 01	2.0299439 01	3.6100511 01
3.7000001 02	3.8532723 01	3.2179335 01	7.0712058 01
3.7020001 02	5.0330019 01	3.9373811 01	8.9703830 01
3.7040001 02	6.2034800 01	4.7137619 01	1.0917242 02
3.7050001 02	6.7360109 01	5.0943711 01	1.1830382 02
3.7060001 02	7.2055903 01	5.4521847 01	1.2657775 02
3.7080001 02	7.8820453 01	6.0476567 01	1.3929702 02
3.7090001 02	8.0598140 01	6.2624620 01	1.4322276 02
3.7100001 02	8.1176953 01	6.4098377 01	1.4527533 02
3.7110001 02	8.0536545 01	6.4849285 01	1.4538583 02
3.7120001 02	7.8705439 01	6.4857860 01	1.4356330 02
3.7140001 02	7.1842935 01	6.2736785 01	1.3457972 02
3.7150000 02	6.7108129 01	6.0729931 01	1.2783806 02
3.7160001 02	6.1754729 01	5.8215691 01	1.1997042 02
3.7180001 02	5.0012044 01	5.2123046 01	1.0213509 02
3.7200001 02	3.8186430 01	4.5401984 01	8.3588414 01
3.7250002 02	1.5176728 01	3.0718283 01	4.5895011 01
3.7300001 02	4.4358594 00	2.2522991 01	2.6958850 01
3.7350002 02	1.1487094 00	1.9151862 01	2.0300571 01
3.7400001 02	4.0973129-01	1.7797058 01	1.8206789 01
3.7500001 02	1.8633234-01	1.6612703 01	1.6799035 01
3.8000001 02	6.0082780-02	1.4702253 01	1.4762336 01
3.8500001 02	4.0372215-02	1.4008971 01	1.4049343 01
3.9000000 02	3.4610984-02	1.3574979 01	1.3609590 01
3.9500001 02	3.7345447-02	1.3182055 01	1.3219400 01
4.0000001 02	2.6483474-01	1.2305795 01	1.2570630 01
4.0050002 02	1.0065002 00	1.2128028 01	1.3134528 01
4.0100000 02	3.7743893 00	1.2246634 01	1.6021024 01
4.0150002 02	1.0895971 01	1.3354539 01	2.4250510 01
4.0200001 02	2.2635518 01	1.6042912 01	3.8678430 01
4.0220001 02	2.7532979 01	1.7448611 01	4.4981590 01
4.0240001 02	3.1670595 01	1.8860115 01	5.0530710 01
4.0250001 02	3.3256066 01	1.9515331 01	5.2771397 01
4.0260001 02	3.4437526 01	2.0110287 01	5.4547813 01
4.0270001 02	3.5164457 01	2.0624407 01	5.5788864 01
4.0280001 02	3.5405573 01	2.1041287 01	5.6446860 01
4.0290001 02	3.5147222 01	2.1347716 01	5.6494938 01
4.0300001 02	3.4403354 01	2.1536319 01	5.5940174 01
4.0320001 02	3.1611598 01	2.1558472 01	5.3170070 01
4.0340001 02	2.7460940 01	2.1138747 01	4.8599688 01
4.0350001 02	2.5065303 01	2.0794296 01	4.5860099 01
4.0360001 02	2.2565987 01	2.0381517 01	4.2947504 01
4.0380001 02	1.7547251 01	1.9420793 01	3.6968044 01
4.0400001 02	1.2920312 01	1.8396042 01	3.1316354 01
4.0450002 02	4.7798893 00	1.6200017 01	2.0979906 01
4.0500001 02	1.3355282 00	1.4932570 01	1.6268098 01
4.0550002 02	3.4059295-01	1.4344066 01	1.4684659 01
4.0600002 02	1.2444464-01	1.4060583 01	1.4185027 01

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
4.0700002 02	6.2079585-02	1.3772870 01	1.3834950 01
4.0800002 02	4.7051084-02	1.3604476 01	1.3651527 01
4.0900002 02	3.9521029-02	1.3465407 01	1.3524929 01
4.1000001 02	3.5465327-02	1.3392496 01	1.3427961 01
4.1100002 02	4.1871580-02	1.3313293 01	1.3355165 01
4.1200000 02	1.5276111-01	1.3240215 01	1.3392976 01
4.1250001 02	2.9874873-01	1.3211369 01	1.3510118 01
4.1300001 02	4.4981339-01	1.3194883 01	1.3644696 01
4.1320001 02	4.8541187-01	1.3191604 01	1.3677016 01
4.1340001 02	4.9809143-01	1.3189435 01	1.3687527 01
4.1350001 02	4.9437035-01	1.3188471 01	1.3682841 01
4.1360001 02	4.8454983-01	1.3187501 01	1.3672051 01
4.1380001 02	4.4810403-01	1.3184900 01	1.3633004 01
4.1400001 02	3.9374571-01	1.3181054 01	1.3574800 01
4.1500001 02	1.0810770-01	1.3139008 01	1.3247116 01
4.1600002 02	3.1267536-02	1.3087689 01	1.3118956 01
4.1800002 02	2.4901444-02	1.3005183 01	1.3030084 01
4.2000001 02	2.4058859-02	1.2933963 01	1.2958022 01
4.3000001 02	2.2881303-02	1.2627091 01	1.2649972 01
4.4000001 02	2.4265821-02	1.2304745 01	1.2329010 01
4.5000001 02	3.1840812-02	1.1808647 01	1.1840488 01
4.5200002 02	3.6028128-02	1.1648986 01	1.1685014 01
4.5400002 02	5.4904560-02	1.1439301 01	1.1494706 01
4.5500001 02	1.7308404-01	1.1305409 01	1.1478493 01
4.5550001 02	3.0733961-01	1.1234364 01	1.1541703 01
4.5600000 02	4.3909355-01	1.1165172 01	1.1604266 01
4.5620001 02	4.7078542-01	1.1137610 01	1.1608395 01
4.5640001 02	4.8304203-01	1.1109285 01	1.1592327 01
4.5650001 02	4.8074064-01	1.1094659 01	1.1575400 01
4.5660001 02	4.7388606-01	1.1079510 01	1.1553396 01
4.5680001 02	4.4549124-01	1.1047584 01	1.1493075 01
4.5700001 02	4.0257087-01	1.1012801 01	1.1415372 01
4.5750002 02	2.6902571-01	1.0910992 01	1.1180018 01
4.5800001 02	1.6322369-01	1.0787636 01	1.0950860 01
4.5900002 02	1.0509091-01	1.0479594 01	1.0584685 01
4.6000001 02	1.3651452-01	1.0060683 01	1.0197197 01
4.6100001 02	2.2021817-01	9.4386606 00	9.6588787 00
4.6150002 02	3.3862583-01	9.0208158 00	9.3594417 00
4.6200001 02	7.5078911-01	8.6735850 00	9.4243740 00
4.6250002 02	2.3805362 00	9.2486287 00	1.1629165 01
4.6300001 02	7.8223417 00	1.3540222 01	2.1362564 01
4.6350002 02	2.1332372 01	2.6791496 01	4.8123868 01
4.6400001 02	4.4604733 01	5.2493041 01	9.7097774 01
4.6420001 02	5.5270144 01	6.5185035 01	1.2045518 02
4.6440001 02	6.5323786 01	7.7821884 01	1.4314567 02
4.6450001 02	6.9760436 01	8.3711084 01	1.5347152 02
4.6460001 02	7.3613856 01	8.9087073 01	1.6270093 02
4.6480000 02	7.9076232 01	9.7665837 01	1.7674207 02
4.6490001 02	8.0496103 01	1.0060452 02	1.8110063 02
4.6500001 02	8.0963689 01	1.0251426 02	1.8347795 02
4.6510001 02	8.0461705 01	1.0334214 02	1.8380385 02
4.6520001 02	7.9009211 01	1.0307629 02	1.8208550 02
4.6540001 02	7.3493292 01	9.9407818 01	1.7290111 02
4.6550001 02	6.9622719 01	9.6167110 01	1.6578983 02
4.6560001 02	6.5174353 01	9.2145096 01	1.5731945 02
4.6580001 02	5.5117109 01	8.2349441 01	1.3746655 02
4.6600001 02	4.4471285 01	7.1272335 01	1.1574362 02
4.6650002 02	2.1285576 01	4.5168914 01	6.6454490 01
4.6700001 02	7.8314922 00	2.8362528 01	3.6194020 01
4.6750002 02	2.3955526 00	2.0530165 01	2.2925717 01
4.6800001 02	7.5781534-01	1.7460964 01	1.8218779 01
4.6900002 02	2.2137936-01	1.5496600 01	1.5717979 01

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
4.7000001 02	1.3785854-01	1.4675378 01	1.4813237 01
4.7200002 02	7.9981959-02	1.3789820 01	1.3869802 01
4.7500001 02	5.4364184-02	1.3071522 01	1.3125886 01
4.7800002 02	4.9113311-02	1.2563619 01	1.2612732 01
4.8000001 02	5.1864822-02	1.2235510 01	1.2287375 01
4.8200002 02	6.0988354-02	1.1858227 01	1.1919215 01
4.8500001 02	1.0521486-01	1.1002115 01	1.1107330 01
4.8600001 02	1.4513006-01	1.0527513 01	1.0672643 01
4.8700001 02	2.3740864-01	9.8303973 00	1.0067806 01
4.8800001 02	8.7465620-01	9.0784514 00	9.9531075 00
4.8850002 02	2.7357792 00	9.9925058 00	1.2728285 01
4.8900001 02	8.5462406 00	1.5269041 01	2.3815281 01
4.8950002 02	2.2138339 01	3.0265813 01	5.2404152 01
4.9000001 02	4.4501681 01	5.7899979 01	1.0240166 02
4.9020001 02	5.4508579 01	7.1217011 01	1.2572559 02
4.9040001 02	6.3845467 01	8.4346382 01	1.4819185 02
4.9050001 02	6.7939327 01	9.0430984 01	1.5837031 02
4.9060001 02	7.1484305 01	9.5973354 01	1.6745766 02
4.9080001 02	7.6492534 01	1.0480845 02	1.8130099 02
4.9090001 02	7.7790408 01	1.0784286 02	1.8563327 02
4.9100001 02	7.8217316 01	1.0983080 02	1.8804812 02
4.9110001 02	7.7758640 01	1.1072130 02	1.8847994 02
4.9120001 02	7.6430615 01	1.1050059 02	1.8693121 02
4.9140001 02	7.1373690 01	1.0685995 02	1.7823364 02
4.9150001 02	6.7811399 01	1.0359335 02	1.7140475 02
4.9160001 02	6.3705115 01	9.9514574 01	1.6321969 02
4.9180001 02	5.4362872 01	8.9494448 01	1.4385732 02
4.9200001 02	4.4371950 01	7.8030070 01	1.2240202 02
4.9250002 02	2.2085972 01	5.0346711 01	7.2432683 01
4.9300001 02	8.5498396 00	3.1746533 01	4.0296373 01
4.9350002 02	2.7480104 00	2.2648067 01	2.5396077 01
4.9400001 02	8.7934944-01	1.8947930 01	1.9827280 01
4.9500001 02	2.3450556-01	1.6615995 01	1.6850501 01
4.9600002 02	1.4138938-01	1.5699417 01	1.5840806 01
4.9800002 02	7.8256345-02	1.4747889 01	1.4826145 01
5.0000001 02	5.4656613-02	1.4227462 01	1.4282118 01
5.0200002 02	4.3401380-02	1.3883494 01	1.3926895 01
5.0400002 02	3.7581645-02	1.3626411 01	1.3663993 01
5.0500001 02	3.5962961-02	1.3515990 01	1.3551953 01
5.0600002 02	3.5118839-02	1.3412071 01	1.3447190 01
5.0800002 02	3.6760845-02	1.3205250 01	1.3242011 01
5.0900002 02	4.2969988-02	1.3085640 01	1.3128610 01
5.1000001 02	1.2501620-01	1.2924742 01	1.3049758 01
5.1050002 02	3.9231919-01	1.2820552 01	1.3212871 01
5.1100001 02	1.2254142 00	1.2728035 01	1.3953449 01
5.1200001 02	6.2251661 00	1.2960103 01	1.9185269 01
5.1219999 02	7.5907404 00	1.3125980 01	2.0716721 01
5.1240001 02	8.8587001 00	1.3326987 01	2.2185687 01
5.1250001 02	9.4129975 00	1.3436412 01	2.2849410 01
5.1260001 02	9.8923334 00	1.3548875 01	2.3441209 01
5.1280000 02	1.0568042 01	1.3772464 01	2.4340506 01
5.1290001 02	1.0742938 01	1.3878317 01	2.4621255 01
5.1300001 02	1.0800492 01	1.3976700 01	2.4777192 01
5.1310001 02	1.0738773 01	1.4065329 01	2.4804102 01
5.1320000 02	1.0559738 01	1.4142168 01	2.4701906 01
5.1340001 02	9.8776540 00	1.4254512 01	2.4132166 01
5.1350001 02	9.3964659 00	1.4288278 01	2.3684744 01
5.1360000 02	8.8407102 00	1.4306806 01	2.3147516 01
5.1380001 02	7.5721915 00	1.4300222 01	2.1872414 01
5.1400001 02	6.2082819 00	1.4243020 01	2.0451302 01
5.1500000 02	1.2257503 00	1.3663909 01	1.4889659 01
5.1600001 02	1.2424096-01	1.3295736 01	1.3419977 01

TABLE IV (Continued)

T = 0.2 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
5.1800002 02	3.3415957-02	1.3026093 01	1.3059509 01
5.2000001 02	3.0244985-02	1.2859097 01	1.2889342 01
5.2200002 02	3.1014792-02	1.2702221 01	1.2733236 01
5.2400002 02	3.5359078-02	1.2521668 01	1.2557027 01
5.2500001 02	3.9966885-02	1.2408589 01	1.2448556 01
5.2700001 02	6.4661017-02	1.2067819 01	1.2132480 01
5.2800002 02	1.4897289-01	1.1763236 01	1.1912209 01
5.2900002 02	1.3762702 00	1.1518335 01	1.2894605 01
5.3000001 02	1.0517902 01	1.3838821 01	2.4356723 01
5.3020001 02	1.4127619 01	1.5083180 01	2.9210799 01
5.3040001 02	1.8208653 01	1.6619235 01	3.4827888 01
5.3050001 02	2.0350141 01	1.7478785 01	3.7828926 01
5.3060001 02	2.2506255 01	1.8384011 01	4.0890266 01
5.3080000 02	2.6669368 01	2.0266585 01	4.6935953 01
5.3100001 02	3.0293686 01	2.2116477 01	5.2410163 01
5.3120000 02	3.2979128 01	2.3762007 01	5.6741135 01
5.3140001 02	3.4404999 01	2.5038999 01	5.9443999 01
5.3150001 02	3.4582600 01	2.5497362 01	6.0079962 01
5.3160001 02	3.4391802 01	2.5820499 01	6.0212301 01
5.3180001 02	3.2942388 01	2.6041326 01	5.8983714 01
5.3200001 02	3.0240009 01	2.5707832 01	5.5947841 01
5.3220001 02	2.6609034 01	2.4893211 01	5.1502245 01
5.3240001 02	2.2446938 01	2.3718673 01	4.6165611 01
5.3250001 02	2.0294328 01	2.3041967 01	4.3336295 01
5.3300001 02	1.0493508 01	1.9476640 01	2.9970148 01
5.3350001 02	4.2332337 00	1.6695592 01	2.0928826 01
5.3400001 02	1.3824290 00	1.5104892 01	1.6487321 01
5.3500001 02	1.4964919-01	1.3959694 01	1.4109343 01
5.3600002 02	6.4058803-02	1.3593802 01	1.3657861 01
5.3800001 02	3.9912823-02	1.3234778 01	1.3274691 01
5.3900002 02	3.7153062-02	1.3113563 01	1.3150716 01
5.4000001 02	6.2907224-02	1.2999086 01	1.3061993 01
5.4050002 02	1.4938299-01	1.2936904 01	1.3086287 01
5.4100001 02	4.0448601-01	1.2872426 01	1.3276912 01
5.4200001 02	1.8126573 00	1.2811950 01	1.4624607 01
5.4250001 02	2.6737276 00	1.2867102 01	1.5540830 01
5.4300001 02	3.0450240 00	1.2967687 01	1.6012711 01
5.4350001 02	2.6687994 00	1.3054568 01	1.5723367 01
5.4400001 02	1.8059718 00	1.3079262 01	1.4885234 01
5.4500001 02	4.0010248-01	1.2978977 01	1.3379079 01
5.4700002 02	2.6621611-02	1.2796329 01	1.2822950 01
5.4900001 02	2.3150063-02	1.2694744 01	1.2717894 01
5.5000001 02	2.2620360-02	1.2650998 01	1.2673618 01
5.5500002 02	2.2364435-02	1.2447332 01	1.2469696 01
5.6000001 02	2.5093220-02	1.2213365 01	1.2238458 01
5.6500001 02	3.6851014-02	1.1827040 01	1.1863891 01
5.6600001 02	4.3042203-02	1.1698956 01	1.1741998 01
5.6800001 02	7.1221069-02	1.1301253 01	1.1372474 01
5.7000000 02	6.8654977-01	1.0556493 01	1.1243042 01
5.7050001 02	2.1834232 00	1.0833375 01	1.3016798 01
5.7100001 02	6.2099472 00	1.2496117 01	1.8706064 01
5.7150002 02	1.4422434 01	1.6880066 01	3.1302500 01
5.7200001 02	2.6551077 01	2.4471565 01	5.1022642 01
5.7220000 02	3.1677538 01	2.8048089 01	5.9725627 01
5.7240001 02	3.6344976 01	3.1578421 01	6.7923397 01
5.7250001 02	3.8362071 01	3.3232639 01	7.1594710 01
5.7260000 02	4.0094886 01	3.4760645 01	7.4855531 01
5.7280001 02	4.2522435 01	3.7294851 01	7.9817286 01
5.7290001 02	4.3149008 01	3.8240895 01	8.1389903 01
5.7300001 02	4.3354976 01	3.8939889 01	8.2294865 01
5.7310000 02	4.3133571 01	3.9377187 01	8.2510759 01
5.7320001 02	4.2493368 01	3.9546977 01	8.2040345 01

TABLE IV (Continued)

T = 0.2 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
5.7340001 02	4.0041029 01	3.9090737 01	7.9131765 01
5.7350001 02	3.8299624 01	3.8490115 01	7.6789739 01
5.7360001 02	3.6277543 01	3.7669222 01	7.3946765 01
5.7379999 02	3.1602758 01	3.5475903 01	6.7078661 01
5.7400001 02	2.6481927 01	3.2774807 01	5.9256734 01
5.7450001 02	1.4389394 01	2.5531386 01	3.9920780 01
5.7500001 02	6.2095444 00	1.9877954 01	2.6087498 01
5.7550002 02	2.1933072 00	1.6614902 01	1.8808209 01
5.7600001 02	6.9478304-01	1.5052762 01	1.5747545 01
5.7700002 02	1.3170408-01	1.3945140 01	1.4076844 01
5.7800001 02	1.3178483-01	1.3486095 01	1.3617880 01
5.7900001 02	6.6224824-01	1.3158678 01	1.3820926 01
5.8000001 02	2.6577500 00	1.3019034 01	1.5676784 01
5.8050001 02	3.8174124 00	1.3086480 01	1.6903892 01
5.8079999 02	4.2226574 00	1.3160222 01	1.7382880 01
5.8090001 02	4.2829644 00	1.3187578 01	1.7470542 01
5.8100000 02	4.3105180 00	1.3213236 01	1.7523754 01
5.8110001 02	4.2798856 00	1.3237329 01	1.7517214 01
5.8120001 02	4.2186697 00	1.3261275 01	1.7479945 01
5.8150001 02	3.8074665 00	1.3312497 01	1.7119964 01
5.8200001 02	2.6407736 00	1.3320611 01	1.5961385 01
5.8250002 02	1.4496402 00	1.3244021 01	1.4693661 01
5.8300002 02	6.3966067-01	1.3131634 01	1.3771294 01
5.8350002 02	2.3931954-01	1.3025511 01	1.3264830 01
5.8400002 02	8.9706037-02	1.2940829 01	1.3030535 01
5.8450002 02	4.5466543-02	1.2874948 01	1.2920414 01
5.8500001 02	3.3968414-02	1.2821190 01	1.2855158 01
5.9000001 02	2.5398757-02	1.2466494 01	1.2491893 01
5.9500001 02	3.2079223-02	1.2113154 01	1.2145233 01
5.9700001 02	4.9843687-02	1.1858178 01	1.1908021 01
5.9800002 02	1.4011160-01	1.1636101 01	1.1776213 01
5.9900002 02	1.2819875 00	1.1454127 01	1.2736115 01
6.0000001 02	7.9515515 00	1.2633749 01	2.0585300 01
6.0050001 02	1.4284778 01	1.4417305 01	2.8702083 01
6.0060001 02	1.5627231 01	1.4858576 01	3.0485807 01
6.0070000 02	1.6919087 01	1.5310639 01	3.2229726 01
6.0080000 02	1.8164242 01	1.5774743 01	3.3938985 01
6.0090001 02	1.9302844 01	1.6231962 01	3.5534805 01
6.0100001 02	2.0333563 01	1.6684108 01	3.7017671 01
6.0120000 02	2.1916686 01	1.7512358 01	3.9429044 01
6.0140001 02	2.2750832 01	1.8190174 01	4.0941006 01
6.0150001 02	2.2866179 01	1.8456887 01	4.1323066 01
6.0160000 02	2.2742343 01	1.8659453 01	4.1401796 01
6.0180001 02	2.1894566 01	1.8885719 01	4.0780285 01
6.0200001 02	2.0299733 01	1.8861030 01	3.9160763 01
6.0220001 02	1.8126256 01	1.8604700 01	3.6730956 01
6.0240001 02	1.5589290 01	1.8159431 01	3.3748721 01
6.0250001 02	1.4247688 01	1.7881071 01	3.2128758 01
6.0300001 02	7.9343871 00	1.6273159 01	2.4207546 01
6.0350001 02	3.5323371 00	1.4831125 01	1.8363462 01
6.0400001 02	1.2855990 00	1.3885382 01	1.5170981 01
6.0450001 02	4.1124517-01	1.3366609 01	1.3777854 01
6.0500001 02	1.4111705-01	1.3092445 01	1.3233562 01
6.0600002 02	4.9439150-02	1.2822610 01	1.2872049 01
6.0800001 02	3.1485005-02	1.2560854 01	1.2592339 01
6.1000001 02	2.6517128-02	1.2400418 01	1.2426935 01
6.1200002 02	2.4842874-02	1.2273280 01	1.2298123 01
6.1500001 02	2.6137140-02	1.2089946 01	1.2116083 01
6.1600002 02	2.8303373-02	1.2018231 01	1.2046534 01
6.1700002 02	3.3909378-02	1.1929708 01	1.1963617 01
6.1800001 02	8.2760074-02	1.1804081 01	1.1886841 01
6.1900001 02	6.8607878-01	1.1638754 01	1.2324832 01

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_n (barns)	σ_S (barns)	σ_T (barns)
6.2000001 02	4.0249195 00	1.1754831 01	1.5779751 01
6.2050001 02	7.0941548 00	1.2150608 01	1.9244763 01
6.2060000 02	7.7403646 00	1.2259520 01	1.9999885 01
6.2070001 02	8.3622618 00	1.2378797 01	2.0741059 01
6.2079999 02	8.9531950 00	1.2501007 01	2.1454202 01
6.2090001 02	9.5046404 00	1.2631920 01	2.2136560 01
6.2100001 02	9.9861461 00	1.2759963 01	2.2746109 01
6.2120001 02	1.0738187 01	1.3017781 01	2.3755968 01
6.2140001 02	1.1134220 01	1.3254948 01	2.4389168 01
6.2150000 02	1.1202553 01	1.3361845 01	2.4564398 01
6.2155001 02	1.1177508 01	1.3407166 01	2.4584674 01
6.2160001 02	1.1130839 01	1.3452364 01	2.4583203 01
6.2179999 02	1.0729432 01	1.3595309 01	2.4324741 01
6.2200001 02	9.9721823 00	1.3674903 01	2.3647085 01
6.2250001 02	7.0743555 00	1.3601181 01	2.0675536 01
6.2300002 02	4.0148551 00	1.3274247 01	1.7289102 01
6.2350002 02	1.8306844 00	1.2899621 01	1.4730305 01
6.2400002 02	6.8724993-01	1.2607186 01	1.3294436 01
6.2500001 02	8.3233126-02	1.2301085 01	1.2384318 01
6.2600001 02	3.3479948-02	1.2165328 01	1.2198808 01
6.2800002 02	2.5284311-02	1.2008471 01	1.2033755 01
6.3000001 02	2.3169386-02	1.1894881 01	1.1918050 01
6.3500002 02	2.2362549-02	1.1652498 01	1.1674860 01
6.4000000 02	2.3765464-02	1.1398884 01	1.1422650 01
6.5000001 02	3.6167286-02	1.0626964 01	1.0663131 01
6.5500001 02	7.6977844-02	9.7075221 00	9.7844999 00
6.5600001 02	1.1484188-01	9.3388411 00	9.4536829 00
6.5700001 02	3.8015750-01	8.8844631 00	9.2646206 00
6.5750002 02	1.0579273 00	8.8814149 00	9.9393422 00
6.5800001 02	3.0012316 00	9.6853313 00	1.2686563 01
6.5850001 02	7.4981595 00	1.5349558 01	2.2847717 01
6.5900001 02	1.5594301 01	1.8209827 01	3.3804129 01
6.5919999 02	1.9757424 01	2.1460238 01	4.1217662 01
6.5940001 02	2.4214017 01	2.5112879 01	4.9326896 01
6.5950001 02	2.6471945 01	2.7035686 01	5.3507631 01
6.5960001 02	2.8698461 01	2.8985173 01	5.7683634 01
6.5980000 02	3.2882412 01	3.2828522 01	6.5710934 01
6.6000001 02	3.6414741 01	3.6355801 01	7.2770542 01
6.6020000 02	3.8978994 01	3.9283476 01	7.8262470 01
6.6030001 02	3.9813041 01	4.0439114 01	8.0252155 01
6.6040001 02	4.0321434 01	4.1357217 01	8.1678651 01
6.6050001 02	4.0489448 01	4.2017956 01	8.2507404 01
6.6060000 02	4.0309608 01	4.2405411 01	8.2715019 01
6.6070001 02	3.9790867 01	4.2517361 01	8.2308229 01
6.6080001 02	3.8948439 01	4.2357012 01	8.1305451 01
6.6100001 02	3.6366552 01	4.1245080 01	7.7611632 01
6.6120001 02	3.2824631 01	3.9218905 01	7.2043536 01
6.6140001 02	2.8641214 01	3.6493486 01	6.5134700 01
6.6150001 02	2.6417757 01	3.4949703 01	6.1367460 01
6.6200000 02	1.5569952 01	2.6714794 01	4.2284745 01
6.6250001 02	7.5086128 00	1.9818494 01	2.7327107 01
6.6300001 02	3.0304003 00	1.5450472 01	1.8480872 01
6.6350002 02	1.0943509 00	1.3145783 01	1.4240134 01
6.6400001 02	4.2272454-01	1.1995036 01	1.2417760 01
6.6500001 02	2.1102596-01	1.0879846 01	1.1090872 01
6.6550002 02	3.2360107-01	1.0487544 01	1.0811145 01
6.6600001 02	7.6908744-01	1.0191168 01	1.0960255 01
6.6650001 02	2.0730042 00	1.0179057 01	1.2252061 01
6.6700001 02	5.0869899 00	1.0850914 01	1.5937904 01
6.6750002 02	1.0492570 01	1.2675255 01	2.3167825 01
6.6800001 02	1.7715179 01	1.5708103 01	3.3423283 01
6.6820001 02	2.0617750 01	1.7106312 01	3.7724062 01

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_n (barns)
6.6840001 02	2.3195256 01	1.8477457 01	4.1672713 01
6.6850001 02	2.4297050 01	1.9120493 01	4.3417543 01
6.6860000 02	2.5241172 01	1.9719736 01	4.4960908 01
6.6879999 02	2.6542109 01	2.0722421 01	4.7264529 01
6.6890001 02	2.6879625 01	2.1108401 01	4.7988026 01
6.6900001 02	2.6995088 01	2.1407678 01	4.8402766 01
6.6910001 02	2.6874277 01	2.1608225 01	4.8482502 01
6.6920001 02	2.6526976 01	2.1707872 01	4.8234848 01
6.6940001 02	2.5217212 01	2.1618181 01	4.6835393 01
6.6950001 02	2.4267537 01	2.1425201 01	4.5692739 01
6.6960001 02	2.3163173 01	2.1145151 01	4.4308324 01
6.6980000 02	2.0583355 01	2.0357889 01	4.0941245 01
6.7000001 02	1.7682962 01	1.9327329 01	3.7010291 01
6.7050001 02	1.0482499 01	1.6317040 01	2.6799539 01
6.7100001 02	5.1022980 00	1.3608233 01	1.8710531 01
6.7150002 02	2.1009404 00	1.1727546 01	1.3828486 01
6.7200001 02	8.0243648-01	1.0577417 01	1.1379853 01
6.7300000 02	2.4078003-01	9.3070461 00	9.5478261 00
6.7400001 02	2.4621041-01	8.3114776 00	8.5576880 00
6.7500001 02	3.6552312-01	7.1817130 00	7.5472361 00
6.7550002 02	5.3838394-01	6.6444454 00	7.1828293 00
6.7600001 02	1.0100821 00	6.6371410 00	7.6472231 00
6.7650002 02	2.3597242 00	8.7611668 00	1.1120891 01
6.7700001 02	5.8528449 00	1.6865487 01	2.2718332 01
6.7750001 02	1.3388262 01	3.7287244 01	5.0675506 01
6.7800001 02	2.6302837 01	7.5580053 01	1.0188289 02
6.7810001 02	2.9472382 01	8.5387119 01	1.1485950 02
6.7820000 02	3.2777699 01	9.5766331 01	1.2854403 02
6.7830001 02	3.6179660 01	1.0661253 02	1.4279219 02
6.7840001 02	3.9630069 01	1.1778896 02	1.5741903 02
6.7850001 02	4.3074260 01	1.2913513 02	1.7220939 02
6.7860001 02	4.6454690 01	1.4047901 02	1.8693370 02
6.7870000 02	4.9708892 01	1.5162772 02	2.0133661 02
6.7880001 02	5.2772762 01	1.6237898 02	2.1515174 02
6.7890001 02	5.5582457 01	1.7252578 02	2.2810824 02
6.7900001 02	5.8077039 01	1.8186494 02	2.3994198 02
6.7920001 02	6.1906992 01	1.9737795 02	2.5928494 02
6.7940001 02	6.3909001 01	2.0761949 02	2.7152849 02
6.7950001 02	6.4155806 01	2.1047190 02	2.7462770 02
6.7960000 02	6.3890580 01	2.1173950 02	2.7563008 02
6.7979999 02	6.1854426 01	2.0947663 02	2.7133106 02
6.8000001 02	5.7996380 01	2.0118524 02	2.5918162 02
6.8020001 02	5.2674950 01	1.8777178 02	2.4044673 02
6.8040001 02	4.6352105 01	1.7053411 02	2.1688621 02
6.8050001 02	4.2973353 01	1.6095165 02	2.0392500 02
6.8100001 02	2.6238496 01	1.1078150 02	1.3701999 02
6.8200001 02	5.8582928 00	4.3121316 01	4.8979608 01
6.8300001 02	1.0142605 00	2.3352155 01	2.4366415 01
6.8400000 02	3.6393197-01	1.8757232 01	1.9121164 01
6.8500001 02	2.4012722-01	1.6811557 01	1.7051684 01
6.8600001 02	1.9495007-01	1.5499878 01	1.5694828 01
6.8700002 02	1.8732732-01	1.4413000 01	1.4600327 01
6.8800001 02	2.7503207-01	1.3359256 01	1.3634288 01
6.8900001 02	1.3345962 00	1.2777082 01	1.4111678 01
6.9000001 02	8.4409124 00	1.7312602 01	2.5753515 01
6.9050002 02	1.6920843 01	2.4702225 01	4.1623068 01
6.9100001 02	2.7988313 01	3.5735455 01	6.3723768 01
6.9120001 02	3.2374773 01	4.0564108 01	7.2938880 01
6.9140001 02	3.6259681 01	4.5178672 01	8.1438353 01
6.9150000 02	3.7910682 01	4.7297121 01	8.5207804 01
6.9160001 02	3.9317769 01	4.9233552 01	8.8551322 01
6.9180000 02	4.1269623 01	5.2402129 01	9.3671752 01

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_n (barns)	σ_S (barns)	σ_T (barns)
6.9190001 02	4.1769701 01	5.3570880 01	9.5340580 01
6.9200001 02	4.1933411 01	5.4429200 01	9.6362611 01
6.9210001 02	4.1756966 01	5.4961276 01	9.6718242 01
6.9219999 02	4.1243830 01	5.5159148 01	9.6402978 01
6.9240001 02	3.9269336 01	5.4564855 01	9.3834191 01
6.9250001 02	3.7854878 01	5.3797706 01	9.1652585 01
6.9260001 02	3.6196401 01	5.2745372 01	8.8941773 01
6.9280000 02	3.2302797 01	4.9907425 01	8.2210222 01
6.9300001 02	2.7915442 01	4.6332693 01	7.4248135 01
6.9400001 02	8.4118501 00	2.7406339 01	3.5818189 01
6.9500000 02	1.3098687 00	1.8483732 01	1.9793600 01
6.9600001 02	2.2968490-01	1.6089189 01	1.6318874 01
6.9700002 02	1.1975171-01	1.5195926 01	1.5315678 01
6.9800002 02	9.5769749-02	1.4611035 01	1.4706804 01
6.9900001 02	8.7348311-02	1.4130975 01	1.4218323 01
7.0000001 02	9.0643742-02	1.3678811 01	1.3769455 01
7.0100002 02	1.4676227-01	1.3190582 01	1.3337344 01
7.0200001 02	8.1867306-01	1.2746710 01	1.3565383 01
7.0250000 02	2.2158809 00	1.2850894 01	1.5066775 01
7.0300001 02	5.2791647 00	1.3663979 01	1.8943143 01
7.0350001 02	1.0544683 01	1.5642044 01	2.6186727 01
7.0400001 02	1.7361944 01	1.8821040 01	3.6182984 01
7.0420000 02	2.0058728 01	2.0279956 01	4.0338684 01
7.0440001 02	2.2437801 01	2.1716426 01	4.4154227 01
7.0450001 02	2.3444697 01	2.2393309 01	4.5838006 01
7.0460000 02	2.4303673 01	2.3027421 01	4.7331094 01
7.0480001 02	2.5501499 01	2.4119531 01	4.9621030 01
7.0490001 02	2.5810650 01	2.4556010 01	5.0366660 01
7.0500001 02	2.5912517 01	2.4906528 01	5.0819045 01
7.0510000 02	2.5803304 01	2.5164143 01	5.0967447 01
7.0520001 02	2.5487651 01	2.5325272 01	5.0812923 01
7.0540001 02	2.4275815 01	2.5354774 01	4.9630589 01
7.0550001 02	2.3412326 01	2.5229501 01	4.8641827 01
7.0560001 02	2.2400726 01	2.5016286 01	4.7417012 01
7.0579999 02	2.0018424 01	2.4353585 01	4.4372009 01
7.0600000 02	1.7322141 01	2.3436030 01	4.0758171 01
7.0650001 02	1.0517111 01	2.0614710 01	3.1131821 01
7.0700001 02	5.2688522 00	1.7969449 01	2.3238301 01
7.0750002 02	2.2149209 00	1.6101152 01	1.8316073 01
7.0800001 02	8.1710785-01	1.4991359 01	1.5808467 01
7.0900001 02	1.3962055-01	1.3997584 01	1.4137204 01
7.1000001 02	7.9994969-02	1.3518909 01	1.3598904 01
7.1100001 02	7.3531681-02	1.3143298 01	1.3216830 01
7.1200001 02	7.8426303-02	1.2775967 01	1.2854393 01
7.1300001 02	1.0658441-01	1.2356369 01	1.2462953 01
7.1400001 02	3.7888096-01	1.1879269 01	1.2258150 01
7.1450001 02	1.0403092 00	1.1801899 01	1.2842208 01
7.1500001 02	2.7943090 00	1.2266544 01	1.5060853 01
7.1550002 02	6.5631444 00	1.3946271 01	2.0509415 01
7.1600001 02	1.2939367 01	1.7502973 01	3.0442340 01
7.1620001 02	1.6106946 01	1.9477855 01	3.5584801 01
7.1640001 02	1.9441198 01	2.1692936 01	4.1134134 01
7.1650001 02	2.1110604 01	2.2858906 01	4.3969509 01
7.1660001 02	2.2745592 01	2.4042892 01	4.6788484 01
7.1679999 02	2.5791861 01	2.6390445 01	5.2182306 01
7.1700001 02	2.8341365 01	2.8576712 01	5.6918077 01
7.1720001 02	3.0180292 01	3.0442556 01	6.0622848 01
7.1740001 02	3.1140849 01	3.1843671 01	6.2984520 01
7.1750001 02	3.1259446 01	3.2334600 01	6.3594046 01
7.1760001 02	3.1132298 01	3.2673400 01	6.3805698 01
7.1770001 02	3.0760755 01	3.2854914 01	6.3615669 01
7.1780000 02	3.0155341 01	3.2878324 01	6.3033665 01

TABLE IV (Continued)

T = 0.2 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
7.1800001 02	2.8303560 01	3.2465462 01	6.0769022 01
7.1820000 02	2.5744772 01	3.1497892 01	5.7242664 01
7.1840001 02	2.2696706 01	3.0083237 01	5.2779943 01
7.1850001 02	2.1063053 01	2.9249835 01	5.0312889 01
7.1900001 02	1.2907940 01	2.4532038 01	3.7439979 01
7.1950002 02	6.5519385 00	2.0238734 01	2.6790672 01
7.2000001 02	2.7946324 00	1.7285239 01	2.0079871 01
7.2100001 02	3.7655296-01	1.4718152 01	1.5094705 01
7.2200001 02	9.9007975-02	1.3940424 01	1.4039432 01
7.2300002 02	6.6839925-02	1.3540266 01	1.3607106 01
7.2500001 02	5.0201673-02	1.3006422 01	1.3056624 01
7.3000001 02	4.6748099-02	1.2017512 01	1.2064260 01
7.3500001 02	6.8895207-02	1.0822005 01	1.0890900 01
7.4000001 02	1.9734615-01	8.2926203 00	8.4899664 00
7.4100001 02	2.9939880-01	7.2994496 00	7.5988484 00
7.4200001 02	6.4719063-01	6.3550641 00	7.0022547 00
7.4250002 02	1.2679335 00	6.9644011 00	8.2323346 00
7.4300001 02	2.8884053 00	1.0824347 01	1.3712752 01
7.4350001 02	6.6852382 00	2.2626607 01	2.9311845 01
7.4400001 02	1.4169605 01	4.9051932 01	6.3221537 01
7.4450002 02	2.6082376 01	9.4726454 01	1.2080883 02
7.4500001 02	4.0708282 01	1.5508264 02	1.9579092 02
7.4510000 02	4.3580535 01	1.6756250 02	2.1114303 02
7.4520001 02	4.6326206 01	1.7975513 02	2.2608134 02
7.4530001 02	4.8895185 01	1.9145614 02	2.4035132 02
7.4540001 02	5.1238725 01	2.0246140 02	2.5370013 02
7.4550001 02	5.3310377 01	2.1257058 02	2.6588096 02
7.4560000 02	5.5068183 01	2.2159712 02	2.7666530 02
7.4579999 02	5.7497895 01	2.3572344 02	2.9322134 02
7.4590001 02	5.8118634 01	2.4055928 02	2.9867791 02
7.4600001 02	5.8321799 01	2.4378053 02	3.0210233 02
7.4610001 02	5.8103121 01	2.4533420 02	3.0343733 02
7.4620001 02	5.7467431 01	2.4520479 02	3.0267222 02
7.4640001 02	5.5011171 01	2.4002023 02	2.9503141 02
7.4650000 02	5.3242676 01	2.3510995 02	2.8835263 02
7.4660001 02	5.1162107 01	2.2880951 02	2.7997162 02
7.4679999 02	4.6238554 01	2.1264322 02	2.5888177 02
7.4700001 02	4.0619138 01	1.9290774 02	2.3352688 02
7.4719999 02	3.4696565 01	1.7112449 02	2.0582106 02
7.4740001 02	2.8832895 01	1.4876669 02	1.7759958 02
7.4750001 02	2.6019285 01	1.3778186 02	1.6380114 02
7.4760001 02	2.3326237 01	1.2711233 02	1.5043857 02
7.4780000 02	1.8389446 01	1.0713903 02	1.2552848 02
7.4800001 02	1.4145878 01	8.9485811 01	1.0363169 02
7.4850002 02	6.6851122 00	5.6880865 01	6.3565977 01
7.4900001 02	2.8943848 00	3.8720359 01	4.1614744 01
7.4950002 02	1.2713673 00	2.9774422 01	3.1045789 01
7.5000001 02	6.4733819-01	2.5470470 01	2.6117808 01
7.5100001 02	2.9699805-01	2.1773988 01	2.2070986 01
7.5200001 02	1.9460531-01	1.9980189 01	2.0174794 01
7.5400000 02	1.1077261-01	1.8001771 01	1.8112543 01
7.5500001 02	8.9915564-02	1.7379249 01	1.7469164 01
7.6000001 02	4.6128668-02	1.5634229 01	1.5680358 01
7.7000001 02	2.8472851-02	1.4173978 01	1.4202451 01
7.7500002 02	2.9608003-02	1.3654137 01	1.3683745 01
7.7800002 02	4.1544145-02	1.3255326 01	1.3296870 01
7.7900002 02	9.3063382-02	1.3052971 01	1.3146035 01
7.8000001 02	6.0327165-01	1.2825575 01	1.3428847 01
7.8050001 02	1.5353948 00	1.2809731 01	1.4345126 01
7.8100001 02	3.3954482 00	1.3021607 01	1.6417055 01
7.8150002 02	6.3744216 00	1.3618021 01	1.9992443 01
7.8200001 02	1.0004342 01	1.4627759 01	2.4632101 01

TABLE IV (Continued)

T = 0.2 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
7.8220001 02	1.1410563 01	1.5110666 01	2.6521229 01
7.8240001 02	1.2618784 01	1.5596715 01	2.8215499 01
7.8250001 02	1.3122499 01	1.5834165 01	2.8956664 01
7.8260000 02	1.3552597 01	1.6064788 01	2.9617385 01
7.8279999 02	1.4166038 01	1.6488621 01	3.0654659 01
7.8290001 02	1.4329359 01	1.6671636 01	3.1000995 01
7.8300001 02	1.4383329 01	1.6829434 01	3.1212763 01
7.8310001 02	1.4324262 01	1.6959827 01	3.1284089 01
7.8320001 02	1.4157066 01	1.7062941 01	3.1220007 01
7.8340001 02	1.3539598 01	1.7188506 01	3.0728104 01
7.8350001 02	1.3108805 01	1.7210122 01	3.0318927 01
7.8360001 02	1.2603574 01	1.7202605 01	2.9806179 01
7.8380000 02	1.1389602 01	1.7100913 01	2.8490515 01
7.8400001 02	9.9813438 00	1.6902245 01	2.6883589 01
7.8500001 02	3.3934471 00	1.5309948 01	1.8703395 01
7.8600002 02	6.0704321-01	1.4151510 01	1.4758553 01
7.8700000 02	9.5209222-02	1.3669654 01	1.3764862 01
7.8800001 02	4.3532300-02	1.3432033 01	1.3475565 01
7.8900002 02	3.6719927-02	1.3261037 01	1.3297757 01
7.9000001 02	3.4340825-02	1.3114273 01	1.3148614 01
7.9200001 02	3.3353831-02	1.2845158 01	1.2878512 01
7.9500001 02	3.6772456-02	1.2426079 01	1.2462851 01
8.0000001 02	5.9372854-02	1.1423491 01	1.1482864 01
8.0200001 02	8.4915523-02	1.0747438 01	1.0832353 01
8.0500001 02	2.2753153-01	8.8380161 00	9.0655475 00
8.0600001 02	5.6197216-01	8.0572155 00	8.6191876 00
8.0650001 02	1.1937886 00	8.5700690 00	9.7638575 00
8.0700001 02	2.8004158 00	1.1590324 01	1.4390740 01
8.0750002 02	6.3858825 00	2.0320803 01	2.6706686 01
8.0800001 02	1.3098053 01	3.8906095 01	5.2004148 01
8.0810000 02	1.4876342 01	4.4092854 01	5.8969196 01
8.0820001 02	1.6796183 01	4.9785787 01	6.6581970 01
8.0829999 02	1.8849816 01	5.5973731 01	7.4823547 01
8.0840001 02	2.1023875 01	6.2628310 01	8.3652185 01
8.0850001 02	2.3302509 01	6.9712881 01	9.3015390 01
8.0860001 02	2.5663917 01	7.7171553 01	1.0283547 02
8.0870001 02	2.8083974 01	8.4940016 01	1.1302399 02
8.0879999 02	3.0532784 01	9.2934166 01	1.2346695 02
8.0890001 02	3.2978765 01	1.0106309 02	1.3404186 02
8.0900000 02	3.5386546 01	1.0922090 02	1.4460745 02
8.0920001 02	3.9939390 01	1.2516661 02	1.6510600 02
8.0940001 02	4.3888285 01	1.3980496 02	1.8369325 02
8.0950001 02	4.5545169 01	1.4632834 02	1.9187351 02
8.0960001 02	4.6946761 01	1.5216815 02	1.9911491 02
8.0980000 02	4.8880655 01	1.6140320 02	2.1028385 02
8.0990001 02	4.9373290 01	1.6463470 02	2.1400799 02
8.1000001 02	4.9534695 01	1.6686465 02	2.1639934 02
8.1010001 02	4.9361410 01	1.6805932 02	2.1742073 02
8.1020000 02	4.8856666 01	1.6820486 02	2.1706152 02
8.1040001 02	4.6902115 01	1.6541133 02	2.1231344 02
8.1050001 02	4.5491703 01	1.6255195 02	2.0804365 02
8.1060001 02	4.3827463 01	1.5880193 02	2.0262940 02
8.1080001 02	3.9869382 01	1.4898115 02	1.8885053 02
8.1100001 02	3.5314601 01	1.3675539 02	1.7206999 02
8.1120000 02	3.0464611 01	1.2302819 02	1.5349280 02
8.1140001 02	2.5604652 01	1.0870149 02	1.3430614 02
8.1150001 02	2.3248635 01	1.0157086 02	1.2481950 02
8.1200001 02	1.3075430 01	6.9364348 01	8.2439778 01
8.1250002 02	6.3846972 00	4.6513325 01	5.2898023 01
8.1300001 02	2.8060991 00	3.3100357 01	3.5906456 01
8.1350001 02	1.1980632 00	2.6186229 01	2.7384292 01
8.1400001 02	5.6342018-01	2.2786176 01	2.3349596 01

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
8.1500001 02	2.2631341-01	1.9932174 01	2.0158488 01
8.1700001 02	1.0641037-01	1.7758359 01	1.7864770 01
8.2000000 02	5.7425640-02	1.6330702 01	1.6388128 01
8.2500001 02	3.3564729-02	1.5237339 01	1.5270903 01
8.3000001 02	2.6164085-02	1.4638400 01	1.4664564 01
8.3500001 02	2.4487142-02	1.4190710 01	1.4215197 01
8.4000001 02	3.0200408-02	1.3703865 01	1.3734066 01
8.4100002 02	3.4043358-02	1.3569972 01	1.3604015 01
8.4200002 02	4.0785834-02	1.3403812 01	1.3444598 01
8.4300001 02	5.8379699-02	1.3180899 01	1.3239279 01
8.4400002 02	1.8310004-01	1.2879874 01	1.3062974 01
8.4500001 02	1.2221256 00	1.2794851 01	1.4016977 01
8.4550002 02	2.9269027 00	1.3296666 01	1.6223569 01
8.4600001 02	6.1030049 00	1.4665367 01	2.0768372 01
8.4650001 02	1.0893441 01	1.7208732 01	2.8102173 01
8.4700001 02	1.6515462 01	2.0753093 01	3.7268555 01
8.4720000 02	1.8617525 01	2.2271303 01	4.0888828 01
8.4740001 02	2.0447174 01	2.3738528 01	4.4185702 01
8.4750001 02	2.1205226 01	2.4417796 01	4.5623022 01
8.4760001 02	2.1853649 01	2.5055820 01	4.6909469 01
8.4780001 02	2.2741979 01	2.6142638 01	4.8884617 01
8.4790001 02	2.2969076 01	2.6580700 01	4.9549776 01
8.4800001 02	2.3050001 01	2.6938641 01	4.9988642 01
8.4810000 02	2.2963311 01	2.7202478 01	5.0165789 01
8.4820001 02	2.2731108 01	2.7382719 01	5.0113827 01
8.4840001 02	2.1832968 01	2.7466026 01	4.9298995 01
8.4850001 02	2.1181616 01	2.7374210 01	4.8555826 01
8.4860000 02	2.0421122 01	2.7200304 01	4.7621426 01
8.4879999 02	1.8587175 01	2.6610263 01	4.5197438 01
8.4900001 02	1.6481808 01	2.5765547 01	4.2247355 01
8.4950000 02	1.0870012 01	2.3003104 01	3.3873116 01
8.5000001 02	6.0927431 00	2.0177950 01	2.6270693 01
8.5100002 02	1.2252862 00	1.6583606 01	1.7808892 01
8.5200002 02	1.8367530-01	1.5336912 01	1.5520587 01
8.5300002 02	5.7328725-02	1.4901180 01	1.4958509 01
8.5400001 02	3.9358185-02	1.4665811 01	1.4705169 01
8.5500001 02	3.2402958-02	1.4500872 01	1.4533275 01
8.6000001 02	2.2189313-02	1.4020475 01	1.4042664 01
8.6500001 02	2.4199802-02	1.3656501 01	1.3680701 01
8.6600001 02	2.6961157-02	1.3563300 01	1.3590261 01
8.6700002 02	3.5463387-02	1.3445273 01	1.3480737 01
8.6750002 02	5.2270141-02	1.3370597 01	1.3422867 01
8.6800001 02	1.0586297-01	1.3282890 01	1.3388753 01
8.6850001 02	2.6669284-01	1.3188768 01	1.3455461 01
8.6900001 02	6.8795253-01	1.3117809 01	1.3805762 01
8.6950002 02	1.6202207 00	1.3140893 01	1.4761114 01
8.7000001 02	3.3293096 00	1.3371344 01	1.6700653 01
8.7120001 02	9.9214083 00	1.5192941 01	2.5114350 01
8.7140001 02	1.0850706 01	1.5598972 01	2.6449678 01
8.7150000 02	1.1265229 01	1.5799160 01	2.7064389 01
8.7160001 02	1.1569649 01	1.5985314 01	2.7554963 01
8.7179999 02	1.2047426 01	1.6339941 01	2.8387367 01
8.7190001 02	1.2151265 01	1.6496865 01	2.8648130 01
8.7200001 02	1.2218882 01	1.6639624 01	2.8858506 01
8.7210001 02	1.2147254 01	1.6749621 01	2.8896875 01
8.7219999 02	1.2044701 01	1.6856443 01	2.8901144 01
8.7240001 02	1.1560175 01	1.6980222 01	2.8540397 01
8.7250001 02	1.1253738 01	1.7018411 01	2.8272149 01
8.7260001 02	1.0833658 01	1.7018707 01	2.7852365 01
8.7280000 02	9.9036174 00	1.6976910 01	2.6880527 01
8.7300001 02	8.8053011 00	1.6855470 01	2.5660771 01
8.7350002 02	5.8609060 00	1.6307184 01	2.2168090 01

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
8.7400002 02	3.3275170 00	1.5635484 01	1.8963001 01
8.7450002 02	1.6222254 00	1.5046986 01	1.6669211 01
8.7500001 02	6.9043944-01	1.4623297 01	1.5313728 01
8.7600001 02	1.0654318-01	1.4179167 01	1.4285710 01
8.7700002 02	3.5368318-02	1.3983360 01	1.4018728 01
8.7800002 02	2.6755280-02	1.3861838 01	1.3888593 01
8.8000001 02	2.2564347-02	1.3687706 01	1.3710271 01
8.8500001 02	2.3087470-02	1.3328401 01	1.3351489 01
8.9000000 02	4.3379520-02	1.2726637 01	1.2770017 01
8.9100001 02	6.7806459-02	1.2478579 01	1.2546386 01
8.9200001 02	2.4140256-01	1.2161179 01	1.2402581 01
8.9300002 02	1.5399115 00	1.2305996 01	1.3845908 01
8.9400001 02	7.0745150 00	1.5372858 01	2.2447373 01
8.9450001 02	1.2230406 01	1.9034855 01	3.1265261 01
8.9500001 02	1.8122043 01	2.3867523 01	4.1989571 01
8.9520000 02	2.0299636 01	2.5880811 01	4.6180447 01
8.9540001 02	2.2174580 01	2.7787309 01	4.9961889 01
8.9550001 02	2.2957308 01	2.8666218 01	5.1623526 01
8.9560001 02	2.3617464 01	2.9474811 01	5.3092275 01
8.9580001 02	2.4527698 01	3.0842862 01	5.5370560 01
8.9590001 02	2.4754382 01	3.1376414 01	5.6130796 01
8.9600001 02	2.4834338 01	3.1806299 01	5.6640637 01
8.9610000 02	2.4748820 01	3.2115208 01	5.6864028 01
8.9620001 02	2.4516390 01	3.2312266 01	5.6828656 01
8.9640001 02	2.3597551 01	3.2340997 01	5.5938548 01
8.9650001 02	2.2932445 01	3.2179006 01	5.5111450 01
8.9660000 02	2.2146494 01	3.1909161 01	5.4055655 01
8.9679999 02	2.0268108 01	3.1067003 01	5.1335111 01
8.9700001 02	1.8088142 01	2.9889658 01	4.7977800 01
8.9720001 02	1.5744715 01	2.8470400 01	4.4215116 01
8.9740001 02	1.3368401 01	2.6907023 01	4.0275424 01
8.9750001 02	1.2204521 01	2.6101499 01	3.8306020 01
8.9900001 02	7.0627003 00	2.2226932 01	2.9289632 01
8.9850001 02	3.5268069 00	1.9187239 01	2.2714046 01
8.9900002 02	1.5430054 00	1.7209024 01	1.8752030 01
9.0000001 02	2.4267737-01	1.5456303 01	1.5698980 01
9.0100000 02	6.7247663-02	1.4887128 01	1.4954376 01
9.0200001 02	4.2424532-02	1.4607446 01	1.4649871 01
9.0300002 02	3.3527419-02	1.4422247 01	1.4455775 01
9.0500001 02	2.5018908-02	1.4177552 01	1.4202570 01
9.1000001 02	1.8053023-02	1.3845257 01	1.3863310 01
9.1500001 02	1.6033476-02	1.3646745 01	1.3662778 01
9.2000001 02	1.5371713-02	1.3490178 01	1.3505550 01
9.2500001 02	1.5408183-02	1.3343042 01	1.3358450 01
9.3000001 02	1.6155297-02	1.3182727 01	1.3198882 01
9.3500001 02	1.8275129-02	1.2977012 01	1.2995287 01
9.4000001 02	2.4957242-02	1.2642132 01	1.2667089 01
9.4300002 02	3.8838960-02	1.2252364 01	1.2291203 01
9.4500000 02	8.5509586-02	1.1735839 01	1.1821349 01
9.4600001 02	3.2719919-01	1.1401307 01	1.1728506 01
9.4700001 02	1.9360898 00	1.1965346 01	1.3901436 01
9.4750002 02	4.2302835 00	1.3581436 01	1.7811719 01
9.4800001 02	8.1414468 00	1.6910069 01	2.5051516 01
9.4850002 02	1.3626817 01	2.2226374 01	3.5853191 01
9.4900001 02	1.9727353 01	2.8908395 01	4.8635748 01
9.4920001 02	2.1948639 01	3.1613988 01	5.3562627 01
9.4940001 02	2.3849515 01	3.4137289 01	5.7986804 01
9.4950001 02	2.4641381 01	3.5286509 01	5.9927890 01
9.4960001 02	2.5306590 01	3.6335750 01	6.1642340 01
9.4980000 02	2.6222125 01	3.8082560 01	6.4304685 01
9.4990001 02	2.6452730 01	3.8750880 01	6.5203610 01
9.5000001 02	2.6530917 01	3.9275524 01	6.5806441 01

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
9.5010001 02	2.6448003 01	3.9641695 01	6.6089698 01
9.5020000 02	2.6211057 01	3.9850758 01	6.6061815 01
9.5040001 02	2.5295901 01	3.9789916 01	6.5075817 01
9.5050001 02	2.4616524 01	3.9528417 01	6.4144940 01
9.5060001 02	2.3820987 01	3.9118590 01	6.2939576 01
9.5080001 02	2.1915930 01	3.7903915 01	5.9819845 01
9.5100001 02	1.9692546 01	3.6244674 01	5.5937221 01
9.5120001 02	1.7283021 01	3.4260422 01	5.1543443 01
9.5140001 02	1.4816086 01	3.2079288 01	4.6894374 01
9.5150001 02	1.3598434 01	3.0952621 01	4.4551055 01
9.5200001 02	8.1276960 00	2.5513313 01	3.3641009 01
9.5250000 02	4.2284865 00	2.1176061 01	2.5404547 01
9.5300001 02	1.9398631 00	1.8294596 01	2.0234459 01
9.5400002 02	3.3004588-01	1.5697296 01	1.6027342 01
9.5500001 02	8.6612321-02	1.4880877 01	1.4967489 01
9.5600002 02	5.1492357-02	1.4502823 01	1.4554315 01
9.5800002 02	3.3801925-02	1.4070705 01	1.4104507 01
9.6000001 02	2.7453090-02	1.3796420 01	1.3823873 01
9.6300002 02	2.5405225-02	1.3479925 01	1.3505330 01
9.6500001 02	3.4856128-02	1.3254896 01	1.3269752 01
9.6550002 02	5.3050312-02	1.3184773 01	1.3237823 01
9.6600001 02	1.0804486-01	1.3105973 01	1.3214017 01
9.6650002 02	2.5782986-01	1.3022772 01	1.3280602 01
9.6700002 02	6.1213819-01	1.2952758 01	1.3564896 01
9.6750001 02	1.3265942 00	1.2935351 01	1.4261945 01
9.6800001 02	2.5367592 00	1.3030356 01	1.5567115 01
9.6850001 02	4.2277655 00	1.3293542 01	1.7521307 01
9.6900001 02	6.1066950 00	1.3730278 01	1.9836973 01
9.6920000 02	6.8036650 00	1.3937086 01	2.0740751 01
9.6940001 02	7.3625446 00	1.4143664 01	2.1506209 01
9.6950001 02	7.6219918 00	1.4258917 01	2.1880909 01
9.6960000 02	7.7858790 00	1.4353685 01	2.2139564 01
9.6980001 02	8.0886698 00	1.4556940 01	2.2645610 01
9.6990001 02	8.1399715 00	1.4636023 01	2.2775995 01
9.7000001 02	8.2049498 00	1.4727181 01	2.2932131 01
9.7010000 02	8.1409967 00	1.4796731 01	2.2937727 01
9.7020001 02	8.0916604 00	1.4855914 01	2.2937574 01
9.7040001 02	7.7800544 00	1.4953500 01	2.2733555 01
9.7050001 02	7.6115556 00	1.4988641 01	2.2600197 01
9.7060001 02	7.3586344 00	1.5014126 01	2.2372760 01
9.7079999 02	6.7934674 00	1.5022195 01	2.1815662 01
9.7100001 02	6.0909538 00	1.4983722 01	2.1074676 01
9.7150001 02	4.2153699 00	1.4760976 01	1.8976346 01
9.7200001 02	2.5332534 00	1.4431569 01	1.6964823 01
9.7250002 02	1.3289708 00	1.4101980 01	1.5430950 01
9.7300002 02	6.1547699-01	1.3833278 01	1.4448755 01
9.7400002 02	1.0896567-01	1.3501598 01	1.3610564 01
9.7500001 02	3.5235302-02	1.3325212 01	1.3360447 01
9.7800002 02	2.5501402-02	1.2990626 01	1.3016128 01
9.8000001 02	2.7233574-02	1.2777947 01	1.2805181 01
9.8300001 02	3.6687652-02	1.2364112 01	1.2400800 01
9.8500001 02	7.1271700-02	1.1909226 01	1.1980498 01
9.8550000 02	1.2182183-01	1.1754561 01	1.1876383 01
9.8600001 02	2.6471109-01	1.1602346 01	1.1867057 01
9.8650001 02	6.3842003-01	1.1516563 01	1.2154983 01
9.8700002 02	1.4980275 00	1.1642588 01	1.3140615 01
9.8750002 02	3.1908490 00	1.2220469 01	1.5411318 01
9.8800001 02	6.0055721 00	1.3525504 01	1.9531076 01
9.8850001 02	9.8768883 00	1.5686951 01	2.5563839 01
9.8900001 02	1.4105820 01	1.8460897 01	3.2566717 01
9.8920001 02	1.5633639 01	1.9606609 01	3.5240248 01
9.8940001 02	1.6946467 01	2.0692711 01	3.7639178 01

TABLE IV (Continued)

T = 0.2 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
9.8950001 02	1.7479420 01	2.1187538 01	3.8666958 01
9.8960001 02	1.7934344 01	2.1646058 01	3.9580402 01
9.8980000 02	1.8560594 01	2.2432091 01	4.0992685 01
9.8990001 02	1.8719338 01	2.2740725 01	4.1460063 01
9.9000001 02	1.8781677 01	2.2998780 01	4.1780457 01
9.9010001 02	1.8718350 01	2.3183450 01	4.1901800 01
9.9019999 02	1.8555999 01	2.3303436 01	4.1859435 01
9.9040001 02	1.7928131 01	2.3352322 01	4.1280453 01
9.9050001 02	1.7469712 01	2.3273825 01	4.0743537 01
9.9060001 02	1.6937158 01	2.3141453 01	4.0078611 01
9.9080001 02	1.5624688 01	2.2683162 01	3.8307850 01
9.9100001 02	1.4100902 01	2.2030942 01	3.6131844 01
9.9150002 02	9.8854561 00	1.9812109 01	2.9697565 01
9.9200001 02	6.0372445 00	1.7366685 01	2.3403929 01
9.9300001 02	1.6049499 00	1.3676293 01	1.5281243 01
9.9400001 02	7.3969060-01	1.2028557 01	1.2768247 01
9.9500001 02	2.6895453 00	1.3531193 01	1.6220738 01
9.9550002 02	5.5290739 00	1.7268030 01	2.2797104 01
9.9600001 02	1.0200596 01	2.4404465 01	3.4605061 01
9.9650000 02	1.6552351 01	3.5193659 01	5.1746010 01
9.9700001 02	2.3452539 01	4.8184068 01	7.1636607 01
9.9719999 02	2.5935649 01	5.3306912 01	7.9242561 01
9.9740001 02	2.8048109 01	5.8006832 01	8.6054940 01
9.9750001 02	2.8923893 01	6.0117174 01	8.9041067 01
9.9760001 02	2.9660949 01	6.2028765 01	9.1689714 01
9.9780000 02	3.0670646 01	6.5147016 01	9.5817662 01
9.9790001 02	3.0926960 01	6.6310683 01	9.7237643 01
9.9800001 02	3.1009901 01	6.7186245 01	9.8196145 01
9.9810001 02	3.0919882 01	6.7766653 01	9.8686535 01
9.9820000 02	3.0667299 01	6.8066112 01	9.8733411 01
9.9840001 02	2.9650900 01	6.7728574 01	9.7379474 01
9.9850001 02	2.8901808 01	6.7098704 01	9.6000512 01
9.9860001 02	2.8014394 01	6.6194356 01	9.4208750 01
9.9880001 02	2.5900016 01	6.3681604 01	8.9581620 01
9.9900001 02	2.3418182 01	6.0332916 01	8.3751098 01

TABLE V

Th²³² CROSS SECTIONSTh²³² Temperature = 0.5 ev

Neutron Energy, E _n (ev)	Radiative Capture Cross Section, σ _γ (barns)	Scattering Cross Section, σ _S (barns)	Total Cross Section, σ _T (barns)
2.530000-02	7.5559628 00	1.2738140 01	2.0294103 01
5.000000-02	5.3518285 00	1.2475703 01	1.7827531 01
1.000000-01	3.7518970 00	1.2333346 01	1.6085243 01
2.500000-01	2.3139921 00	1.2223023 01	1.4537015 01
5.000000-01	1.5725041 00	1.2146993 01	1.3719497 01
1.000000 00	1.0347210 00	1.2042686 01	1.3077407 01
2.000000 00	6.5007969-01	1.1879276 01	1.2529356 01
5.000000 00	3.3384130-01	1.1525920 01	1.1859762 01
7.500000 00	2.5637276-01	1.1297508 01	1.1553881 01
1.000000 01	2.2566432-01	1.1081914 01	1.1307578 01
1.200000 01	2.2148823-01	1.0895977 01	1.1117465 01
1.400000 01	2.3702490-01	1.0673254 01	1.0910279 01
1.500000 01	2.5608141-01	1.0535951 01	1.0792033 01
1.600000 01	2.8804354-01	1.0369660 01	1.0657703 01
1.800000 01	4.4110601-01	9.8706219 00	1.0311728 01
1.900000 01	6.4691362-01	9.4407264 00	1.0087640 01
2.000000 01	1.2229664 00	8.6806324 00	9.9035987 00
2.050000 01	2.1226684 00	7.9812436 00	1.0103912 01
2.100000 01	1.2816936 01	7.0381700 00	1.9855106 01
2.120000 01	4.8410262 01	8.1841302 00	5.6594392 01
2.140000 01	1.5236467 02	1.4027649 01	1.6639232 02
2.150000 01	2.3765237 02	1.9684458 01	2.5733683 02
2.155000 01	2.8630978 02	2.3145630 01	3.0945541 02
2.160000 01	3.3653140 02	2.6893700 01	3.6342510 02
2.165000 01	3.8581855 02	3.0769192 01	4.1658774 02
2.170000 01	4.3134820 02	3.4576279 01	4.6592448 02
2.175000 01	4.7023337 02	3.8098690 01	5.0833206 02
2.180000 01	4.9982671 02	4.1120746 01	5.4094746 02
2.185000 01	5.1802098 02	4.3450112 01	5.6147109 02
2.190000 01	5.2350080 02	4.4939186 01	5.6843998 02
2.195000 01	5.1590225 02	4.5501671 01	5.6140392 02
2.200000 01	4.9585224 02	4.5121410 01	5.4097365 02
2.205000 01	4.6488720 02	4.3852447 01	5.0873965 02
2.210000 01	4.2526178 02	4.1810638 01	4.6707242 02
2.215000 01	3.7967595 02	3.9157730 01	4.1883368 02
2.220000 01	3.3097939 02	3.6081769 01	3.6706116 02
2.225000 01	2.8189280 02	3.2776688 01	3.1466949 02
2.230000 01	2.3477392 02	2.9423450 01	2.6419737 02
2.240000 01	1.5326672 02	2.3156580 01	1.7642330 02
2.250000 01	9.4615782 01	1.8100387 01	1.1271617 02
2.260000 01	5.9976042 01	1.4590481 01	7.4566523 01
2.265000 01	5.1103632 01	1.3452246 01	6.4555879 01
2.270000 01	4.7587363 01	1.2748629 01	6.0335992 01
2.275000 01	4.9416191 01	1.2516344 01	6.1932534 01
2.280000 01	5.6801079 01	1.2815080 01	6.9616159 01
2.290000 01	9.0144790 01	1.5363120 01	1.0550791 02
2.300000 01	1.5253736 02	2.1261210 01	1.7379857 02
2.310000 01	2.4765384 02	3.1311508 01	2.7896535 02
2.320000 01	3.7262335 02	4.5629490 01	4.1825284 02
2.325000 01	4.4246749 02	5.4079479 01	4.9654697 02
2.330000 01	5.1367139 02	6.3030968 01	5.7670235 02
2.335000 01	5.8279789 02	7.2101517 01	6.5489941 02
2.340000 01	6.4600306 02	8.0829689 01	7.2683276 02
2.345000 01	6.9968554 02	8.8783127 01	7.8846866 02
2.350000 01	7.4022709 02	9.5459450 01	8.3568654 02
2.355000 01	7.6498589 02	1.0047490 02	8.6546079 02
2.360000 01	7.7228245 02	1.0353496 02	8.7581741 02
2.365000 01	7.6164996 02	1.0447939 02	8.6612936 02
2.370000 01	7.3388508 02	1.0329780 02	8.3718288 02
2.375000 01	6.9094186 02	1.0012718 02	7.9106904 02
2.380000 01	6.3571052 02	9.5233452 01	7.3094397 02
2.385000 01	5.7169143 02	8.8978821 01	6.6067025 02

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_n (barns)
2.3900001 01	5.0262644 02	8.1780605 01	5.8440704 02
2.3950001 01	4.3215020 02	7.4069260 01	5.0621946 02
2.4000001 01	3.6348284 02	6.6248513 01	4.2973135 02
2.4100001 01	2.4121239 02	5.1590307 01	2.9280270 02
2.4200001 01	1.4769416 02	3.9623650 01	1.8731781 02
2.4400001 01	4.5509682 01	2.5113543 01	7.0623225 01
2.4500001 01	2.3989167 01	2.1496466 01	4.5485633 01
2.4600001 01	1.2921824 01	1.9307614 01	3.2229438 01
2.4800001 01	4.9257610 00	1.7103409 01	2.2029170 01
2.5000001 01	2.8875174 00	1.6042238 01	1.8929755 01
2.6000001 01	9.3945862-01	1.3928603 01	1.4868062 01
2.8000001 01	3.4417055-01	1.2632332 01	1.2976502 01
3.0000001 01	2.0874354-01	1.2099877 01	1.2308621 01
3.5000002 01	1.2320094-01	1.1463950 01	1.1587150 01
4.0000001 01	1.0518250-01	1.1070706 01	1.1175889 01
4.5000002 01	1.0531749-01	1.0695535 01	1.0800852 01
5.0000001 01	1.2212121-01	1.0219939 01	1.0342060 01
5.5000001 01	1.9502717-01	9.3660536 00	9.5610807 00
5.6000001 01	2.4254273-01	9.0473117 00	9.2898543 00
5.6500002 01	2.8355421-01	8.8358394 00	9.1193936 00
5.7000002 01	3.5178052-01	8.5630385 00	8.9148189 00
5.7500002 01	5.2311971-01	8.1865097 00	8.7096294 00
5.8000001 01	2.2124430 00	7.8378199 00	1.0050263 01
5.8300002 01	8.8398674 00	8.5469456 00	1.7386813 01
5.8500001 01	2.0989627 01	1.0566451 01	3.1556078 01
5.8600001 01	3.0972153 01	1.2420448 01	4.3392601 01
5.8800000 01	6.0856402 01	1.8419911 01	7.9276313 01
5.8900001 01	8.0791060 01	2.2655290 01	1.0344635 02
5.9000000 01	1.0332349 02	2.7615130 01	1.3093862 02
5.9100001 01	1.2724191 02	3.3073669 01	1.6031558 02
5.9120001 01	1.3204960 02	3.4196581 01	1.6624618 02
5.9140001 01	1.3683054 02	3.5322569 01	1.7215311 02
5.9150000 01	1.3920536 02	3.5885580 01	1.7509094 02
5.9160001 01	1.4156834 02	3.6448210 01	1.7801655 02
5.9180001 01	1.4624724 02	3.7569961 01	1.8381720 02
5.9200001 01	1.5084998 02	3.8684071 01	1.8953405 02
5.9250001 01	1.6191550 02	4.1411742 01	2.0332724 02
5.9290001 01	1.7017549 02	4.3502960 01	2.1367845 02
5.9300001 01	1.7214106 02	4.4009199 01	2.1615026 02
5.9350001 01	1.8127199 02	4.6416738 01	2.2768873 02
5.9400001 01	1.8907100 02	4.8576790 01	2.3764779 02
5.9450001 01	1.9533056 02	5.0436680 01	2.4576724 02
5.9500001 01	1.9987849 02	5.1950251 01	2.5182874 02
5.9550000 01	2.0258943 02	5.3080290 01	2.5566972 02
5.9580001 01	2.0330010 02	5.3562569 01	2.5686267 02
5.9600001 01	2.0338742 02	5.3800001 01	2.5718742 02
5.9620001 01	2.0316472 02	5.3969219 01	2.5713394 02
5.9650001 01	2.0225398 02	5.4094589 01	2.5634857 02
5.9700001 01	1.9922121 02	5.3960611 01	2.5318182 02
5.9750001 01	1.9438070 02	5.3408029 01	2.4778873 02
5.9800001 01	1.8786863 02	5.2457409 01	2.4032604 02
5.9850001 01	1.7986472 02	5.1140190 01	2.3100491 02
5.9900000 01	1.7058489 02	4.9497000 01	2.2008189 02
5.9960001 01	1.5810302 02	4.7162109 01	2.0526513 02
6.0000001 01	1.4917160 02	4.5427891 01	1.9459949 02
6.0200000 01	1.0200392 02	3.5675218 01	1.3767914 02
6.0500001 01	4.3931605 01	2.2529309 01	6.6460914 01
6.0800000 01	1.4044329 01	1.4976090 01	2.9020419 01
6.1000001 01	5.8325497 00	1.2563767 01	1.8396317 01
6.1200002 01	2.4224136 00	1.1328061 01	1.3750475 01
6.1500002 01	9.1433646-01	1.0461420 01	1.1375757 01
6.1800002 01	6.1965725-01	1.0005283 01	1.0624940 01

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_n (barns)
6.2000001 01	5.6403710-01	9.7762159 00	1.0340253 01
6.2500002 01	5.2316650-01	9.3025487 00	9.8257151 00
6.3000001 01	5.3219036-01	8.8889443 00	9.4211346 00
6.4000001 01	6.3607582-01	8.0796320 00	8.7157078 00
6.5000001 01	8.6957600-01	7.1416025 00	8.0111785 00
6.6000001 01	1.3642940 00	5.8908505 00	7.2551445 00
6.7000001 01	2.6646331 00	4.0609661 00	6.7255992 00
6.7500001 01	4.6572496 00	3.1312364 00	7.7884859 00
6.7600000 01	5.5152148 00	3.1560675 00	8.6712822 00
6.7799999 01	8.6119522 00	4.1298977 00	1.2741840 01
6.8000001 01	1.5743154 01	8.1774150 00	2.3920569 01
6.8300000 01	4.6415177 01	3.0935920 01	7.7351096 01
6.8500001 01	9.5017349 01	7.0815510 01	1.6583286 02
6.8599999 01	1.3265297 02	1.0282151 02	2.3547448 02
6.8800001 01	2.4106048 02	1.9767923 02	4.3873971 02
6.9000001 01	3.9301036 02	3.3471694 02	7.2727273 02
6.9100000 01	4.8021856 02	4.1508075 02	8.9529931 02
6.9200001 01	5.6925723 02	4.9847797 02	1.0677352 03
6.9299999 01	6.5435586 02	5.7975294 02	1.2341088 03
6.9400001 01	7.2916206 02	6.5309033 02	1.3822524 03
6.9450001 01	7.6074899 02	6.8494901 02	1.4456980 03
6.9500001 01	7.8751417 02	7.1269703 02	1.5002112 03
6.9600001 01	8.2428062 02	7.5358049 02	1.5778611 03
6.9700001 01	8.3611028 02	7.7225552 02	1.6083658 03
6.9800000 01	8.2193795 02	7.6725936 02	1.5891973 03
6.9900001 01	7.8314636 02	7.3936063 02	1.5225070 03
7.0000001 01	7.2334779 02	6.9141970 02	1.4147675 03
7.0099999 01	6.4781335 02	6.2792073 02	1.2757341 03
7.0200001 01	5.6271386 02	5.5430393 02	1.1170178 03
7.0300001 01	4.7429032 02	4.7622128 02	9.5051159 02
7.0400001 01	3.8811966 02	3.9885041 02	7.8697008 02
7.0500001 01	3.0859252 02	3.2638310 02	6.3497562 02
7.0700002 01	1.7976477 02	2.0654553 02	3.8631030 02
7.1000001 01	6.7221499 01	9.7832350 01	1.6505385 02
7.1500001 01	1.1647660 01	3.8870685 01	5.0518345 01
7.2000001 01	3.9724334 00	2.7511501 01	3.1483934 01
7.4000001 01	9.3997872-01	1.8649064 01	1.9589043 01
7.5000001 01	6.2173476-01	1.7122736 01	1.7744470 01
7.6000001 01	4.4825517-01	1.6123354 01	1.6571609 01
7.8000001 01	2.7445481-01	1.4881430 01	1.5155885 01
8.0000001 01	1.9333746-01	1.4128393 01	1.4321731 01
9.0000001 01	8.6959212-02	1.2464497 01	1.2551456 01
9.5000002 01	7.8483533-02	1.2001691 01	1.2080175 01
1.0000001 02	8.2253227-02	1.1550631 01	1.1632884 01
1.0500002 02	1.1156112-01	1.0951582 01	1.1063143 01
1.1000001 02	4.2520843-01	9.4020562 00	9.8272646 00
1.1050001 02	7.4468334-01	9.0025275 00	9.7472108 00
1.1100001 02	2.5839879 00	8.7054712 00	1.1289459 01
1.1150002 02	1.2743085 01	1.0072875 01	2.2815960 01
1.1200001 02	4.8465416 01	1.7927562 01	6.6392978 01
1.1250001 02	1.1733407 02	3.6131990 01	1.5346606 02
1.1260001 02	1.3207575 02	4.0443901 01	1.7251965 02
1.1270001 02	1.4575525 02	4.4634970 01	1.9039022 02
1.1280001 02	1.5768976 02	4.8516670 01	2.0620643 02
1.1290001 02	1.6724299 02	5.1902290 01	2.1914528 02
1.1300001 02	1.7387873 02	5.4622261 01	2.2850099 02
1.1310001 02	1.7721673 02	5.6540291 01	2.3375702 02
1.1315001 02	1.7757926 02	5.7167358 01	2.3474662 02
1.1320001 02	1.7706177 02	5.7563699 01	2.3462547 02
1.1330001 02	1.7342842 02	5.7653271 01	2.3108169 02
1.1340001 02	1.6653595 02	5.6825350 01	2.2336130 02
1.1350001 02	1.5678787 02	5.5149460 01	2.1193733 02

TABLE V (Continued)

T = 0.5 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
1.1360001 02	1.4473144 02	5.2740559 01	1.9747200 02
1.1370001 02	1.3100768 02	4.9747441 01	1.8075512 02
1.1380001 02	1.1629570 02	4.6338720 01	1.6263442 02
1.1390001 02	1.0125628 02	4.2688258 01	1.4394454 02
1.1400001 02	8.6486713 01	3.8961658 01	1.2544837 02
1.1450001 02	2.9805233 01	2.3292811 01	5.3098044 01
1.1500001 02	6.9747748 00	1.5736742 01	2.2711517 01
1.1550002 02	1.5846703 00	1.3165611 01	1.4750281 01
1.1600001 02	7.0264274-01	1.2164351 01	1.2866994 01
1.1650002 02	5.5791252-01	1.1529679 01	1.2087592 01
1.1700001 02	5.4470925-01	1.0978524 01	1.1523233 01
1.1750002 02	6.0403394-01	1.0419419 01	1.1023453 01
1.1800001 02	7.9855241-01	9.7947105 00	1.0593263 01
1.1850002 02	1.6971098 00	9.1974733 00	1.0894583 01
1.1900001 02	6.9391773 00	9.9460027 00	1.6885180 01
1.1950002 02	3.0134996 01	1.7960268 01	4.8095264 01
1.2000001 02	9.3173597 01	4.4386033 01	1.3755963 02
1.2010001 02	1.1089535 02	5.2332791 01	1.6322814 02
1.2020001 02	1.2963147 02	6.0935679 01	1.9056715 02
1.2030001 02	1.4879944 02	6.9959251 01	2.1875869 02
1.2040001 02	1.6769819 02	7.9105539 01	2.4680373 02
1.2050001 02	1.8554813 02	8.8028780 01	2.7357691 02
1.2060001 02	2.0153711 02	9.6354790 01	2.9789190 02
1.2070001 02	2.1488376 02	1.0370820 02	3.1859196 02
1.2080001 02	2.2490278 02	1.0974288 02	3.3464566 02
1.2090001 02	2.3105853 02	1.1416738 02	3.4522590 02
1.2100001 02	2.3301835 02	1.1677268 02	3.4979102 02
1.2110001 02	2.3067666 02	1.1744704 02	3.4812370 02
1.2120001 02	2.2416935 02	1.1618746 02	3.4035681 02
1.2130001 02	2.1385839 02	1.1309698 02	3.2695537 02
1.2140001 02	2.0029763 02	1.0837428 02	3.0867191 02
1.2150001 02	1.8418583 02	1.0229499 02	2.8648082 02
1.2160001 02	1.6630362 02	9.5185990 01	2.6148961 02
1.2170001 02	1.4745783 02	8.7399771 01	2.3485760 02
1.2180001 02	1.2841057 02	7.9283601 01	2.0769417 02
1.2190001 02	1.0984458 02	7.1160290 01	1.8100487 02
1.2200001 02	9.2320464 01	6.3307056 01	1.5562752 02
1.2250001 02	3.0098911 01	3.3630852 01	6.3729763 01
1.2300001 02	7.0245389 00	2.0971141 01	2.7995680 01
1.2350002 02	1.6746447 00	1.7027799 01	1.8702443 01
1.2400001 02	7.1531517-01	1.5661031 01	1.6376347 01
1.2450002 02	4.8615870-01	1.4930463 01	1.5416621 01
1.2500001 02	3.8501065-01	1.4413819 01	1.4798830 01
1.2550002 02	3.2960213-01	1.4002783 01	1.4332385 01
1.2600001 02	3.0992190-01	1.3647937 01	1.3957859 01
1.2650002 02	3.7643050-01	1.3313269 01	1.3689700 01
1.2700001 02	8.4446683-01	1.2970170 01	1.3814637 01
1.2750001 02	3.0002998 00	1.2651115 01	1.5651415 01
1.2760001 02	3.8848328 00	1.2607335 01	1.6492168 01
1.2780001 02	6.3786307 00	1.2567867 01	1.8946498 01
1.2800001 02	1.0064275 01	1.2626227 01	2.2690502 01
1.2850001 02	2.4990820 01	1.3455618 01	3.8446438 01
1.2860001 02	2.8667123 01	1.3756179 01	4.2423302 01
1.2880001 02	3.5960642 01	1.4465484 01	5.0426126 01
1.2900001 02	4.2256119 01	1.5251751 01	5.7507870 01
1.2910001 02	4.4676932 01	1.5640423 01	6.0317355 01
1.2920001 02	4.6448444 01	1.6006079 01	6.2454523 01
1.2930001 02	4.7480441 01	1.6334123 01	6.3814564 01
1.2940001 02	4.7717283 01	1.6611372 01	6.4328655 01
1.2950001 02	4.7145188 01	1.6827276 01	6.3972464 01
1.2960001 02	4.5790562 01	1.6974389 01	6.2764951 01
1.2970001 02	4.3720923 01	1.7049041 01	6.0769964 01

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.2980001 02	4.1036604 01	1.7051377 01	5.8087981 01
1.2990001 02	3.7864354 01	1.6985266 01	5.4849620 01
1.3000001 02	3.4346629 01	1.6857674 01	5.1204304 01
1.3050001 02	1.6381320 01	1.5663843 01	3.2048163 01
1.3100001 02	5.2385870 00	1.4457604 01	1.9696191 01
1.3150002 02	1.2495522 00	1.3745368 01	1.4994920 01
1.3200002 02	3.3440545-01	1.3386643 01	1.3721048 01
1.3300002 02	1.3502049-01	1.3029106 01	1.3164126 01
1.3400002 02	1.0576327-01	1.2808311 01	1.2914075 01
1.3500001 02	9.1118653-02	1.2640135 01	1.2731254 01
1.3600002 02	8.2238579-02	1.2500977 01	1.2583216 01
1.3700002 02	7.6350993-02	1.2380125 01	1.2456476 01
1.3800000 02	7.2256440-02	1.2271668 01	1.2343925 01
1.3900002 02	6.9356368-02	1.2171900 01	1.2241256 01
1.4000001 02	6.7331645-02	1.2078275 01	1.2145607 01
1.4200002 02	6.5431550-02	1.1901877 01	1.1967308 01
1.4400002 02	9.9566563-02	1.1724361 01	1.1823928 01
1.4500001 02	5.2118040-01	1.1626658 01	1.2147838 01
1.4550002 02	1.0172719 00	1.1590751 01	1.2608023 01
1.4600001 02	1.4128548 00	1.1575225 01	1.2988030 01
1.4620001 02	1.4537326 00	1.1572676 01	1.3026408 01
1.4640001 02	1.4095139 00	1.1569933 01	1.2979446 01
1.4650001 02	1.3574873 00	1.1567962 01	1.2925449 01
1.4660001 02	1.2883868 00	1.1565354 01	1.2853741 01
1.4680001 02	1.1114995 00	1.1557720 01	1.2669220 01
1.4700001 02	9.0690531-01	1.1546457 01	1.2453362 01
1.4800002 02	1.8256229-01	1.1452487 01	1.1635049 01
1.4900000 02	7.3902616-02	1.1350856 01	1.1424759 01
1.4950002 02	7.1122212-02	1.1302165 01	1.1373287 01
1.5000001 02	7.1550965-02	1.1253286 01	1.1324837 01
1.5050002 02	7.2796485-02	1.1203406 01	1.1276202 01
1.5100002 02	7.4821942-02	1.1151848 01	1.1226670 01
1.5200002 02	9.9989490-02	1.1039163 01	1.1139152 01
1.5300001 02	5.1851614-01	1.0903655 01	1.1422171 01
1.5350001 02	1.2580339 00	1.0839686 01	1.2097720 01
1.5400001 02	2.2773624 00	1.0805165 01	1.3082527 01
1.5420001 02	2.6236296 00	1.0802281 01	1.3425910 01
1.5440001 02	2.8558582 00	1.0804050 01	1.3659908 01
1.5450001 02	2.9164286 00	1.0805893 01	1.3722322 01
1.5460001 02	2.9360093 00	1.0807851 01	1.3743861 01
1.5470001 02	2.9137496 00	1.0809520 01	1.3723269 01
1.5480001 02	2.8507393 00	1.0810488 01	1.3661227 01
1.5500001 02	2.6151684 00	1.0808903 01	1.3424071 01
1.5520001 02	2.2684808 00	1.0800855 01	1.3069336 01
1.5550002 02	1.6557116 00	1.0774800 01	1.2430511 01
1.5600001 02	7.7027516-01	1.0700787 01	1.1471062 01
1.5700002 02	1.4849905-01	1.0518933 01	1.0667432 01
1.5800001 02	1.1262277-01	1.0340553 01	1.0453176 01
1.5900002 02	1.2215042-01	1.0150653 01	1.0272803 01
1.6000001 02	1.3701952-01	9.9369644 00	1.0073984 01
1.6500001 02	3.8864202-01	8.0122313 00	8.4010733 00
1.6600001 02	5.6829082-01	7.2193894 00	7.7876801 00
1.6700001 02	9.7397364-01	6.0908872 00	7.0648609 00
1.6800001 02	3.5452383 00	5.9822286 00	9.5274668 00
1.6850002 02	1.1387089 01	1.2422041 01	2.3809129 01
1.6900001 02	3.6839253 01	3.8943049 01	7.5782301 01
1.6920001 02	5.5846423 01	6.0175097 01	1.1602152 02
1.6940001 02	8.1175700 01	8.9351231 01	1.7052693 02
1.6960001 02	1.1270001 02	1.2664376 02	2.3934377 02
1.6980001 02	1.4908682 02	1.7079674 02	3.1988556 02
1.7000001 02	1.8764587 02	2.1885794 02	4.0650381 02
1.7010001 02	2.0655847 02	2.4299023 02	4.4954870 02

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.7020001 02	2.2449334 02	2.6631242 02	4.9080576 02
1.7030001 02	2.4087558 02	2.8911653 02	5.2899211 02
1.7040001 02	2.5514894 02	3.0770396 02	5.6285290 02
1.7050001 02	2.6680486 02	3.2441692 02	5.9122178 02
1.7060001 02	2.7541053 02	3.3767575 02	6.1308627 02
1.7070001 02	2.8063973 02	3.4701807 02	6.2765780 02
1.7080001 02	2.8229479 02	3.5212818 02	6.3442298 02
1.7090001 02	2.8031173 02	3.5284853 02	6.3316025 02
1.7100001 02	2.7477268 02	3.4919736 02	6.2397004 02
1.7110001 02	2.6589407 02	3.4135960 02	6.0725368 02
1.7120001 02	2.5401683 02	3.2967841 02	5.8369524 02
1.7130001 02	2.3958049 02	3.1462767 02	5.5420816 02
1.7140001 02	2.2310009 02	2.9678551 02	5.1988560 02
1.7150001 02	2.0513501 02	2.7679906 02	4.8193407 02
1.7160001 02	1.8625101 02	2.5533913 02	4.4159013 02
1.7180001 02	1.4790224 02	2.1064420 02	3.5854644 02
1.7200001 02	1.1183955 02	1.6743105 02	2.7927060 02
1.7250001 02	4.5474842 01	8.4554837 01	1.3002968 02
1.7300001 02	1.4664271 01	4.3194276 01	5.7858547 01
1.7350001 02	4.4715587 00	2.7657333 01	3.2128891 01
1.7400001 02	1.7770915 00	2.2301358 01	2.4078450 01
1.7500001 02	7.5069550-01	1.8697449 01	1.9448144 01
1.7600002 02	4.7509750-01	1.7036373 01	1.7511470 01
1.7800002 02	2.5970649-01	1.5256494 01	1.5516200 01
1.7900002 02	2.1038085-01	1.4702061 01	1.4912442 01
1.8000001 02	1.7797831-01	1.4260623 01	1.4438601 01
1.8200002 02	1.4182291-01	1.3575035 01	1.3716858 01
1.8300002 02	1.3297921-01	1.3286783 01	1.3421762 01
1.8500001 02	1.2979843-01	1.2759485 01	1.2889283 01
1.8700002 02	1.5266229-01	1.2199403 01	1.2352065 01
1.8900002 02	2.6662656-01	1.1405038 01	1.1671664 01
1.8950002 02	4.0138119-01	1.1111303 01	1.1512684 01
1.9000001 02	9.2868511-01	1.0798589 01	1.1727274 01
1.9050002 02	3.0741566 00	1.0721091 01	1.3795247 01
1.9100001 02	1.0141317 01	1.1758807 01	2.1900124 01
1.9150002 02	2.7265943 01	1.5598063 01	4.2864006 01
1.9200001 02	5.6076519 01	2.3461796 01	7.9538315 01
1.9210001 02	6.2606618 01	2.5426577 01	8.8033195 01
1.9220001 02	6.9093559 01	2.7451837 01	9.6545396 01
1.9230001 02	7.5374168 01	2.9494002 01	1.0486817 02
1.9240001 02	8.1276028 01	3.1504282 01	1.1278031 02
1.9250002 02	8.6625122 01	3.3430858 01	1.2005598 02
1.9260002 02	9.1254738 01	3.5220812 01	1.2647555 02
1.9270001 02	9.5015508 01	3.6823512 01	1.3183902 02
1.9280002 02	9.7782474 01	3.8193065 01	1.3597554 02
1.9290001 02	9.9460011 01	3.9289017 01	1.3874903 02
1.9300002 02	9.9991715 01	4.0081234 01	1.4007295 02
1.9310001 02	9.9359970 01	4.0549109 01	1.3990908 02
1.9320001 02	9.7585486 01	4.0683175 01	1.3826866 02
1.9330001 02	9.4734701 01	4.0487108 01	1.3522181 02
1.9340001 02	9.0902383 01	3.9974136 01	1.3087652 02
1.9350001 02	8.6219088 01	3.9169222 01	1.2538831 02
1.9360001 02	8.0837191 01	3.8105859 01	1.1894305 02
1.9370001 02	7.4922894 01	3.6824066 01	1.1174696 02
1.9380001 02	6.8648019 01	3.5368301 01	1.0401632 02
1.9390001 02	6.2184837 01	3.3785718 01	9.5970554 01
1.9400001 02	5.5694567 01	3.2123005 01	8.7817572 01
1.9450001 02	2.7196045 01	2.4010998 01	5.1207043 01
1.9500001 02	1.0381588 01	1.8339866 01	2.8721454 01
1.9550001 02	3.6155382 00	1.5392261 01	1.9007799 01
1.9600001 02	1.8518218 00	1.4024214 01	1.5876036 01
1.9620002 02	1.7173806 00	1.3689715 01	1.5407096 01

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.9640002 02	1.7214342 00	1.3417870 01	1.5139304 01
1.9650001 02	1.7576807 00	1.3298522 01	1.5056202 01
1.9660001 02	1.8133715 00	1.3187971 01	1.5001342 01
1.9670001 02	1.8896709 00	1.3085374 01	1.4975045 01
1.9680001 02	1.9908278 00	1.2990560 01	1.4981388 01
1.9690001 02	2.1242284 00	1.2904063 01	1.5028291 01
1.9700001 02	2.3005812 00	1.2827143 01	1.5127724 01
1.9750002 02	4.4403829 00	1.2690211 01	1.7130594 01
1.9800001 02	1.1050331 01	1.3486792 01	2.4537123 01
1.9860001 02	2.8856218 01	1.6945390 01	4.5801608 01
1.9880001 02	3.6843615 01	1.8785873 01	5.5629488 01
1.9900001 02	4.5056782 01	2.0850151 01	6.5906933 01
1.9910001 02	4.9007367 01	2.1917520 01	7.0924887 01
1.9920001 02	5.2714025 01	2.2976764 01	7.5690788 01
1.9930001 02	5.6066502 01	2.4000954 01	8.0067455 01
1.9940001 02	5.8964783 01	2.4963667 01	8.3928450 01
1.9950001 02	6.1316392 01	2.5838520 01	8.7154912 01
1.9960001 02	6.3042991 01	2.6600755 01	8.9643746 01
1.9970001 02	6.4088601 01	2.7229473 01	9.1318074 01
1.9980001 02	6.4417210 01	2.7707483 01	9.2124692 01
1.9990001 02	6.4017311 01	2.8022505 01	9.2039816 01
2.0000001 02	6.2903357 01	2.8168234 01	9.1071590 01
2.0010001 02	6.1112968 01	2.8143815 01	8.9256783 01
2.0030001 02	5.5763518 01	2.7610991 01	8.3374509 01
2.0040001 02	5.2375357 01	2.7128045 01	7.9503402 01
2.0050001 02	4.8643750 01	2.6524459 01	7.5168208 01
2.0060001 02	4.4676289 01	2.5821959 01	7.0498247 01
2.0080001 02	3.6452286 01	2.4213103 01	6.0665389 01
2.0100001 02	2.8467180 01	2.2485165 01	5.0952345 01
2.0150001 02	1.2775143 01	1.8587656 01	3.1362799 01
2.0200001 02	4.6241411 00	1.6089816 01	2.0713957 01
2.0220001 02	2.9980984 00	1.5471270 01	1.8469368 01
2.0240001 02	1.9731868 00	1.5014286 01	1.6987473 01
2.0250001 02	1.6240316 00	1.4833677 01	1.6457709 01
2.0260001 02	1.3557791 00	1.4678797 01	1.6034576 01
2.0280001 02	9.9529940-01	1.4430418 01	1.5425717 01
2.0300001 02	7.8469833-01	1.4242256 01	1.5026954 01
2.0350001 02	5.2404896-01	1.3921466 01	1.4445515 01
2.0400001 02	3.5919254-01	1.3702082 01	1.4061274 01
2.0500001 02	1.5371551-01	1.3378087 01	1.3531803 01
2.1000001 02	7.8329731-02	1.2440629 01	1.2518959 01
2.1500001 02	1.1741165-01	1.1527294 01	1.1644705 01
2.2000001 02	2.2291863 01	1.7503567 01	3.9795430 01
2.2020001 02	3.1270969 01	2.1543280 01	5.2814249 01
2.2040001 02	4.2236118 01	2.6720474 01	6.8956592 01
2.2060001 02	5.4865019 01	3.2953741 01	8.7818760 01
2.2080001 02	6.8497380 01	3.9987710 01	1.0848509 02
2.2100001 02	8.2152634 01	4.7386625 01	1.2953926 02
2.2120001 02	9.4627829 01	5.4568581 01	1.4919641 02
2.2140001 02	1.0466286 02	6.0877759 01	1.6554062 02
2.2160001 02	1.1114897 02	6.5686270 01	1.7683524 02
2.2180001 02	1.1332946 02	6.8501790 01	1.8183125 02
2.2200001 02	1.1095001 02	6.9059249 01	1.8000926 02
2.2210001 02	1.0811954 02	6.8481449 01	1.7660099 02
2.2220001 02	1.0430021 02	6.7363299 01	1.7166351 02
2.2230001 02	9.9602882 01	6.5745867 01	1.6534875 02
2.2240001 02	9.4162254 01	6.3684705 01	1.5784696 02
2.2250001 02	8.8127523 01	6.1245406 01	1.4937293 02
2.2260001 02	8.1656328 01	5.8500553 01	1.4015688 02
2.2270001 02	7.4907743 01	5.5526727 01	1.3043447 02
2.2280001 02	6.8035513 01	5.2400537 01	1.2043605 02
2.2290001 02	6.1185439 01	4.9197331 01	1.1038277 02

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.230001 02	5.4486043 01	4.5986037 01	1.0047208 02
2.2350000 02	2.6409606 01	3.1661100 01	5.8070706 01
2.2400001 02	1.0222692 01	2.2465688 01	3.2688380 01
2.2450000 02	3.3343943 00	1.7924352 01	2.1258747 01
2.2500001 02	1.0667183 00	1.5978925 01	1.7045644 01
2.2600002 02	2.7003926-01	1.4635332 01	1.4905371 01
2.2700002 02	1.6814192-01	1.4061425 01	1.4229567 01
2.2800002 02	1.2549337-01	1.3690979 01	1.3816473 01
2.2900002 02	1.0133590-01	1.3420166 01	1.3521502 01
2.3000001 02	8.6247011-02	1.3207666 01	1.3293913 01
2.3300002 02	6.4600779-02	1.2747693 01	1.2812294 01
2.3500000 02	5.9019768-02	1.2511454 01	1.2570474 01
2.3700002 02	5.7033367-02	1.2295652 01	1.2352685 01
2.4000001 02	5.9567363-02	1.1969284 01	1.2028851 01
2.4200002 02	6.6043823-02	1.1721648 01	1.1787692 01
2.4400002 02	7.9988593-02	1.1414005 01	1.1493993 01
2.4500002 02	9.2544761-02	1.1218936 01	1.1311481 01
2.4600002 02	1.1262238-01	1.0976731 01	1.1089354 01
2.4700000 02	1.4813872-01	1.0657345 01	1.0805484 01
2.4800000 02	2.4093347-01	1.0205119 01	1.0446052 01
2.4900000 02	1.0475836 00	9.7578304 00	1.0805414 01
2.5000001 02	9.1160226 00	1.2555919 01	2.1671942 01
2.5100001 02	4.4103301 01	3.0935263 01	7.5038563 01
2.5110001 02	4.9289073 01	3.3941595 01	8.3230668 01
2.5120001 02	5.4600999 01	3.7084553 01	9.1685552 01
2.5130001 02	5.9953098 01	4.0319782 01	1.0027288 02
2.5140001 02	6.5248206 01	4.3595253 01	1.0884346 02
2.5150001 02	7.0381135 01	4.6852465 01	1.1723360 02
2.5160001 02	7.5243567 01	5.0029423 01	1.2527299 02
2.5180001 02	8.3721960 01	5.5881859 01	1.3960382 02
2.5200001 02	8.9876881 01	6.0647089 01	1.5052397 02
2.5220001 02	9.3085134 01	6.3893575 01	1.5697871 02
2.5230001 02	9.3466221 01	6.4849958 01	1.5831618 02
2.5240001 02	9.3011541 01	6.5332398 01	1.5834394 02
2.5250001 02	9.1734009 01	6.5334841 01	1.5706885 02
2.5260001 02	8.9668432 01	6.4864228 01	1.5453266 02
2.5280001 02	8.3410609 01	6.2591649 01	1.4600226 02
2.5300001 02	7.4874502 01	5.8798227 01	1.3367273 02
2.5320001 02	6.4870780 01	5.3896000 01	1.1876678 02
2.5340001 02	5.4258202 01	4.8357828 01	1.0261603 02
2.5350001 02	4.8975185 01	4.5496994 01	9.4472179 01
2.5400001 02	2.5798699 01	3.2183684 01	5.7982383 01
2.5450002 02	1.1076328 01	2.2877512 01	3.3953840 01
2.5500001 02	4.0050824 00	1.7822209 01	2.1827292 01
2.5600002 02	5.1455858-01	1.4417082 01	1.4931640 01
2.5700000 02	2.1279149-01	1.3470047 01	1.3682838 01
2.5800002 02	1.6911506-01	1.2902366 01	1.3071481 01
2.5850002 02	1.6382019-01	1.2656165 01	1.2819985 01
2.5900000 02	1.6748787-01	1.2414210 01	1.2581698 01
2.5950002 02	1.8752521-01	1.2163769 01	1.2351294 01
2.6000001 02	2.6178293-01	1.1897207 01	1.2158990 01
2.6030002 02	3.8676720-01	1.1736036 01	1.2122803 01
2.6050002 02	5.4643866-01	1.1637968 01	1.2184406 01
2.6070002 02	8.1269601-01	1.1560388 01	1.2373084 01
2.6100001 02	1.5492597 00	1.1526611 01	1.3075871 01
2.6150002 02	4.4987817 00	1.1987472 01	1.6486254 01
2.6200001 02	1.1413134 01	1.3844654 01	2.5257788 01
2.6250002 02	2.3948255 01	1.8007717 01	4.1955972 01
2.6300001 02	4.0838466 01	2.4487921 01	6.5326386 01
2.6320001 02	4.7635590 01	2.7382677 01	7.5018267 01
2.6340001 02	5.3691195 01	3.0174782 01	8.3865977 01
2.6350001 02	5.6271646 01	3.1464186 01	8.7735831 01

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.6360001 02	5.8471053 01	3.2646598 01	9.1117651 01
2.6380001 02	6.1522522 01	3.4592389 01	9.6114911 01
2.6390001 02	6.2297707 01	3.5314042 01	9.7611749 01
2.6400001 02	6.2542229 01	3.5847164 01	9.8389393 01
2.6410001 02	6.2249772 01	3.6181575 01	9.8431346 01
2.6420001 02	6.1428459 01	3.6312390 01	9.7740850 01
2.6440001 02	5.8297823 01	3.5970679 01	9.4263502 01
2.6450001 02	5.6066916 01	3.5513892 01	9.1580809 01
2.6460001 02	5.3462321 01	3.4885215 01	8.8347536 01
2.6480001 02	4.7382275 01	3.3188596 01	8.0570870 01
2.6500000 02	4.0589533 01	3.1058607 01	7.1648140 01
2.6550001 02	2.3797168 01	2.5095522 01	4.8892690 01
2.6600001 02	1.1372553 01	2.0055599 01	3.1428152 01
2.6700002 02	1.5517199 00	1.5167088 01	1.6718808 01
2.6800001 02	2.3193483-01	1.3924391 01	1.4156326 01
2.6900002 02	1.1693309-01	1.3465003 01	1.3581936 01
2.7000001 02	9.1041777-02	1.3174385 01	1.3265426 01
2.7100002 02	7.8014746-02	1.2953347 01	1.3031361 01
2.7200000 02	7.0540754-02	1.2770559 01	1.2841099 01
2.7300002 02	6.6268913-02	1.2610341 01	1.2676610 01
2.7400002 02	6.4158796-02	1.2463262 01	1.2527421 01
2.7500001 02	6.3754169-02	1.2322735 01	1.2386489 01
2.7600002 02	6.4938080-02	1.2183419 01	1.2248357 01
2.7700000 02	6.7868112-02	1.2040216 01	1.2108084 01
2.7800002 02	7.3027886-02	1.1887360 01	1.1960388 01
2.7900000 02	8.1427827-02	1.1717316 01	1.1798744 01
2.8000001 02	9.5140945-02	1.1518747 01	1.1613888 01
2.8100002 02	1.1894246-01	1.1272286 01	1.1391228 01
2.8200002 02	1.7225167-01	1.0941250 01	1.1113501 01
2.8300002 02	4.9559335-01	1.0504356 01	1.0999950 01
2.8400002 02	3.6745756 00	1.0727013 01	1.4401588 01
2.8450002 02	9.4764951 00	1.2332776 01	2.1809271 01
2.8500001 02	2.0841195 01	1.6292004 01	3.7133199 01
2.8520001 02	2.7149513 01	1.8716667 01	4.5866179 01
2.8540001 02	3.4312787 01	2.1613580 01	5.5926367 01
2.8560001 02	4.2052329 01	2.4903255 01	6.6955584 01
2.8580001 02	4.9961555 01	2.8445737 01	7.8407292 01
2.8600001 02	5.7531136 01	3.2045770 01	8.9576906 01
2.8620001 02	6.4198257 01	3.5468331 01	9.9666589 01
2.8640001 02	6.9416868 01	3.8465431 01	1.0788230 02
2.8650001 02	7.1334944 01	3.9731016 01	1.1106596 02
2.8660001 02	7.2729876 01	4.0806774 01	1.1353665 02
2.8670001 02	7.3569292 01	4.1671768 01	1.1524106 02
2.8680001 02	7.3833760 01	4.2309990 01	1.1614375 02
2.8690001 02	7.3518471 01	4.2710878 01	1.1622935 02
2.8700000 02	7.2629270 01	4.2868470 01	1.1549774 02
2.8710001 02	7.1188298 01	4.2783622 01	1.1397192 02
2.8720001 02	6.9229668 01	4.2462641 01	1.1169231 02
2.8740001 02	6.3949164 01	4.1163335 01	1.0511250 02
2.8750001 02	6.0744353 01	4.0222206 01	1.0096656 02
2.8760001 02	5.7251388 01	3.9117576 01	9.6368963 01
2.8780001 02	4.9683021 01	3.6525102 01	8.6208124 01
2.8800001 02	4.1801074 01	3.3609474 01	7.5410548 01
2.8900001 02	1.1237322 01	2.0533581 01	3.1770903 01
2.8950002 02	4.5171978 00	1.7018668 01	2.1535866 01
2.9000001 02	1.6297987 00	1.5182509 01	1.6812308 01
2.9100000 02	2.8441168-01	1.3797439 01	1.4081850 01
2.9200002 02	1.4513776-01	1.3272648 01	1.3417786 01
2.9300002 02	1.0970670-01	1.2940340 01	1.3050047 01
2.9400002 02	9.1981726-02	1.2686056 01	1.2778038 01
2.9500001 02	8.2153818-02	1.2472528 01	1.2554682 01

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.9700000 02	7.5342581-02	1.2096864 01	1.2172206 01
2.9800000 02	7.6741156-02	1.1911652 01	1.1988393 01
3.0000001 02	9.1960385-02	1.1489304 01	1.1581264 01
3.0100002 02	1.1265425-01	1.1214263 01	1.1326918 01
3.0200002 02	1.8480073-01	1.0851040 01	1.1035841 01
3.0300002 02	8.6337416-01	1.0515574 01	1.1378948 01
3.0400002 02	6.2590579 00	1.1989018 01	1.8248076 01
3.0500001 02	2.6739069 01	2.1111039 01	4.7850108 01
3.0520001 02	3.2855472 01	2.4195394 01	5.7050866 01
3.0540001 02	3.9209035 01	2.7546899 01	6.6755934 01
3.0550001 02	4.2363192 01	2.9272692 01	7.1635884 01
3.0560001 02	4.5435717 01	3.1000250 01	7.6435966 01
3.0580001 02	5.1119461 01	3.4351515 01	8.5470975 01
3.0600001 02	5.5837455 01	3.7377723 01	9.3215178 01
3.0620001 02	5.9209576 01	3.9861074 01	9.9070649 01
3.0640001 02	6.0951312 01	4.1618298 01	1.0256961 02
3.0650001 02	6.1157547 01	4.2182123 01	1.0333967 02
3.0660001 02	6.0911347 01	4.2522133 01	1.0343348 02
3.0680000 02	5.9096192 01	4.2520868 01	1.0161706 02
3.0700001 02	5.5664178 01	4.1640807 01	9.7304984 01
3.0720001 02	5.0907913 01	3.9984198 01	9.0892111 01
3.0740001 02	4.5209647 01	3.7710303 01	8.2919950 01
3.0750001 02	4.2139276 01	3.6402448 01	7.8541723 01
3.0760001 02	3.8991458 01	3.5014586 01	7.4006044 01
3.0780001 02	3.2664872 01	3.2101927 01	6.4766799 01
3.0800001 02	2.6586676 01	2.9163392 01	5.5750068 01
3.0850002 02	1.4041564 01	2.2644168 01	3.6685732 01
3.0900000 02	6.2720163 00	1.8150912 01	2.4422928 01
3.0950002 02	2.4333235 00	1.5596050 01	1.8029374 01
3.1000001 02	8.8143672-01	1.4303267 01	1.5184704 01
3.1100002 02	1.8859264-01	1.3284967 01	1.3473559 01
3.1200001 02	1.1468883-01	1.2841148 01	1.2955836 01
3.1400001 02	8.4588202-02	1.2290508 01	1.2375096 01
3.1500001 02	7.9821019-02	1.2076205 01	1.2156026 01
3.1600001 02	7.8272762-02	1.1877855 01	1.1956128 01
3.1800001 02	8.2314203-02	1.1491343 01	1.1573657 01
3.2000000 02	9.6236627-02	1.1069465 01	1.1165702 01
3.2200002 02	1.2672745-01	1.0543713 01	1.0670440 01
3.2500001 02	2.8328543-01	9.2295115 00	9.5127969 00
3.2600001 02	5.7830660-01	8.5412398 00	9.1195463 00
3.2700002 02	2.7843896 00	9.0218735 00	1.1806263 01
3.2800001 02	1.6098369 01	1.9728959 01	3.5827328 01
3.2850002 02	3.2584519 01	3.5323072 01	6.7907591 01
3.2900001 02	5.6486286 01	5.9664914 01	1.1615120 02
3.2910001 02	6.1839662 01	6.5343228 01	1.2718189 02
3.2920001 02	6.7251087 01	7.1172182 01	1.3842327 02
3.2930001 02	7.2652954 01	7.7083365 01	1.4973632 02
3.2940001 02	7.7966194 01	8.2999026 01	1.6096522 02
3.2950001 02	8.3109729 01	8.8836261 01	1.7194599 02
3.2960001 02	8.7999726 01	9.4507634 01	1.8250736 02
3.2980001 02	9.6684707 01	1.0499228 02	2.0167699 02
3.3000001 02	1.0339462 02	1.1375606 02	2.1715068 02
3.3020001 02	1.0761799 02	1.2018930 02	2.2780729 02
3.3030001 02	1.0868419 02	1.2238291 02	2.3106710 02
3.3040001 02	1.0901948 02	1.2384005 02	2.3285953 02
3.3050001 02	1.0861829 02	1.2454000 02	2.3315829 02
3.3060001 02	1.0748904 02	1.2447579 02	2.3196483 02
3.3080001 02	1.0315320 02	1.2210691 02	2.2526011 02
3.3100000 02	9.6357992 01	1.1698297 02	2.1334096 02
3.3120001 02	8.7623056 01	1.0955564 02	1.9717869 02
3.3140001 02	7.7578453 01	1.0042040 02	1.7799885 02
3.3150001 02	7.2272613 01	9.5418567 01	1.6769118 02

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
3.320001 02	4.5964384 01	6.9284706 01	1.1524909 02
3.330001 02	1.1701331 01	3.1746249 01	4.3447580 01
3.335002 02	4.9027977 00	2.3205030 01	2.8107827 01
3.340001 02	1.9767449 00	1.8932382 01	2.0909127 01
3.345002 02	8.8204390-01	1.6856084 01	1.7738128 01
3.348002 02	6.0770585-01	1.6121847 01	1.6729553 01
3.350001 02	5.0039753-01	1.5747282 01	1.6247680 01
3.355002 02	3.5947100-01	1.5037190 01	1.5396661 01
3.360002 02	2.9633250-01	1.4499759 01	1.4796092 01
3.370002 02	2.4306496-01	1.3640858 01	1.3883923 01
3.380002 02	2.4277144-01	1.2877605 01	1.3120376 01
3.390002 02	4.1880583-01	1.2121379 01	1.2540185 01
3.400001 02	2.1366767 00	1.2076968 01	1.4213645 01
3.410002 02	1.1847672 01	1.7398504 01	2.9246176 01
3.420001 02	3.8156563 01	3.6279506 01	7.4436069 01
3.422001 02	4.4658868 01	4.1458356 01	8.6117224 01
3.424001 02	5.0919310 01	4.6669329 01	9.7588639 01
3.425001 02	5.3939508 01	4.9196961 01	1.0303547 02
3.426001 02	5.6552076 01	5.1622044 01	1.0817412 02
3.428001 02	6.1175284 01	5.6011496 01	1.1718678 02
3.430001 02	6.4453995 01	5.9549925 01	1.2400392 02
3.431001 02	6.5506773 01	6.0922617 01	1.2642939 02
3.432001 02	6.6138112 01	6.1998157 01	1.2813627 02
3.433000 02	6.6336671 01	6.2760228 01	1.2909690 02
3.434001 02	6.6098488 01	6.3197481 01	1.2929597 02
3.435001 02	6.5428472 01	6.3305229 01	1.2873370 02
3.436001 02	6.4339298 01	6.3084592 01	1.2742389 02
3.438001 02	6.0999531 01	6.1700619 01	1.2270015 02
3.440001 02	5.6333404 01	5.9182036 01	1.1551544 02
3.442001 02	5.0678588 01	5.5742002 01	1.0642059 02
3.444001 02	4.4418303 01	5.1645314 01	9.6063616 01
3.445001 02	4.1181627 01	4.9438820 01	9.0620447 01
3.450001 02	2.5619738 01	3.8150712 01	6.3770450 01
3.460002 02	6.2675727 00	2.2273709 01	2.8541281 01
3.470002 02	9.9367626-01	1.6757928 01	1.7751604 01
3.480002 02	2.3079537-01	1.5258497 01	1.5489293 01
3.490002 02	1.3523990-01	1.4620104 01	1.4755344 01
3.500001 02	1.0696019-01	1.4193995 01	1.4300955 01
3.520002 02	8.2669787-02	1.3580797 01	1.3663466 01
3.530002 02	7.7286180-02	1.3331781 01	1.3409067 01
3.550001 02	7.3902550-02	1.2876752 01	1.2950654 01
3.570002 02	7.9015652-02	1.2418355 01	1.2497371 01
3.580002 02	8.5625892-02	1.2165229 01	1.2250855 01
3.600001 02	1.1451934-01	1.1541573 01	1.1656092 01
3.620001 02	2.7307254-01	1.0581828 01	1.0854900 01
3.625002 02	5.2118680-01	1.0341124 01	1.0862311 01
3.630002 02	1.2298672 00	1.0353530 01	1.1583397 01
3.635002 02	3.0662626 00	1.1157947 01	1.4224209 01
3.640001 02	7.1779484 00	1.3771210 01	2.0949158 01
3.650001 02	2.7021093 01	2.9463821 01	5.6484914 01
3.655001 02	4.2128259 01	4.2855555 01	8.4983813 01
3.656001 02	4.5211067 01	4.5724272 01	9.0935339 01
3.658001 02	5.1122824 01	5.1387425 01	1.0251025 02
3.660001 02	5.6408906 01	5.6694074 01	1.1310298 02
3.662001 02	6.0734973 01	6.1330076 01	1.2206505 02
3.664001 02	6.3813580 01	6.5005259 01	1.2881884 02
3.665001 02	6.4816302 01	6.6406437 01	1.3122274 02
3.666001 02	6.5436760 01	6.7484959 01	1.3292172 02
3.667001 02	6.5667826 01	6.8226633 01	1.3389446 02
3.668001 02	6.5506423 01	6.8620036 01	1.3412646 02
3.669001 02	6.4960971 01	6.8663697 01	1.3362467 02
3.670001 02	6.4044974 01	6.8360956 01	1.3240593 02

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_g (barns)	σ_n (barns)
3.6720001 02	6.1198888 01	6.6767431 01	1.2796632 02
3.6740001 02	5.7224884 01	6.4001427 01	1.2122631 02
3.6750001 02	5.4919925 01	6.2253695 01	1.1717362 02
3.6800001 02	4.2190315 01	5.1411589 01	9.3601904 01
3.6850002 02	3.1894412 01	4.0818958 01	7.2713370 01
3.6900001 02	2.8310920 01	3.4515048 01	6.2825968 01
3.6950002 02	3.2212957 01	3.4001960 01	6.6214917 01
3.7000001 02	4.0805389 01	3.8059748 01	7.8865137 01
3.7020001 02	4.4458624 01	4.0300946 01	8.4759570 01
3.7040001 02	4.7711896 01	4.2545116 01	9.0257013 01
3.7050001 02	4.9088850 01	4.3596489 01	9.2685339 01
3.7060001 02	5.0251298 01	4.4564096 01	9.4815395 01
3.7080001 02	5.1825265 01	4.6157535 01	9.7982800 01
3.7090001 02	5.2192942 01	4.6743194 01	9.8936135 01
3.7160001 02	4.6556791 01	4.6015350 01	9.2572141 01
3.7180001 02	4.2700869 01	4.4307969 01	8.7008839 01
3.7200001 02	3.8233207 01	4.2102598 01	8.0335805 01
3.7300001 02	1.5386406 01	2.8714539 01	4.4100945 01
3.7350002 02	7.8686525 00	2.3521302 01	3.1389954 01
3.7400001 02	3.5432239 00	2.0132641 01	2.3675865 01
3.7450002 02	1.4552147 00	1.8173869 01	1.9629083 01
3.7500001 02	5.9242979-01	1.7097900 01	1.7690330 01
3.7600002 02	1.6779969-01	1.6088763 01	1.6256562 01
3.7700002 02	1.0620465-01	1.5572812 01	1.5679017 01
3.7800002 02	8.3910624-02	1.5216105 01	1.5300016 01
3.7900002 02	7.0419305-02	1.4942752 01	1.5013171 01
3.8000001 02	6.1231409-02	1.4722693 01	1.4783924 01
3.8500001 02	4.0604703-02	1.4016927 01	1.4057531 01
3.9000000 02	3.4757330-02	1.3579186 01	1.3613944 01
3.9500001 02	3.8010247-02	1.3179978 01	1.3217988 01
3.9600002 02	4.1454985-02	1.3081242 01	1.3122697 01
3.9700002 02	4.9245153-02	1.2962145 01	1.3011390 01
3.9800002 02	9.1299219-02	1.2807113 01	1.2898412 01
3.9900002 02	4.4689812-01	1.2624899 01	1.3071797 01
4.0000001 02	2.5154339 00	1.2669797 01	1.5185231 01
4.0100000 02	9.0720673 00	1.3774324 01	2.2846391 01
4.0200001 02	1.8885263 01	1.6363751 01	3.5249014 01
4.0220001 02	2.0435577 01	1.6922745 01	3.7358322 01
4.0240001 02	2.1617315 01	1.7435702 01	3.9053017 01
4.0250001 02	2.2044815 01	1.7666294 01	3.9711108 01
4.0260001 02	2.2354532 01	1.7875810 01	4.0230342 01
4.0270001 02	2.2539742 01	1.8061064 01	4.0600806 01
4.0280001 02	2.2598174 01	1.8219989 01	4.0818163 01
4.0290001 02	2.2528572 01	1.8350622 01	4.0879194 01
4.0300001 02	2.2332281 01	1.8451456 01	4.0783737 01
4.0320001 02	2.1575467 01	1.8561084 01	4.0136551 01
4.0340001 02	2.0377879 01	1.8547799 01	3.8925678 01
4.0350001 02	1.9637295 01	1.8497020 01	3.8134315 01
4.0360001 02	1.8817111 01	1.8418865 01	3.7235976 01
4.0380001 02	1.6988528 01	1.8188486 01	3.5177014 01
4.0400001 02	1.4997387 01	1.7876511 01	3.2873898 01
4.0500001 02	5.7675483 00	1.5870550 01	2.1638098 01
4.0600002 02	1.3170301 00	1.4464236 01	1.5781266 01
4.0700002 02	2.2032247-01	1.3879057 01	1.4099379 01
4.0800002 02	6.2089295-02	1.3640141 01	1.3702230 01
4.0900002 02	4.3280065-02	1.3503680 01	1.3546960 01
4.1000001 02	4.8203422-02	1.3403625 01	1.3451828 01
4.1050002 02	6.3282580-02	1.3360993 01	1.3424275 01
4.1100002 02	9.3350278-02	1.3322122 01	1.3415472 01
4.1150002 02	1.4157399-01	1.3287106 01	1.3428680 01
4.1200000 02	2.0445466-01	1.3256553 01	1.3461008 01
4.1250001 02	2.6884870-01	1.3230972 01	1.3499821 01

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
4.1300001 02	3.1518638-01	1.3210059 01	1.3525246 01
4.1320001 02	3.2448529-01	1.3202702 01	1.3527187 01
4.1340001 02	3.2739876-01	1.3195714 01	1.3523113 01
4.1350001 02	3.2636386-01	1.3192317 01	1.3518681 01
4.1360001 02	3.2371641-01	1.3188947 01	1.3512664 01
4.1380001 02	3.1366363-01	1.3182247 01	1.3495911 01
4.1400001 02	2.9789950-01	1.3175472 01	1.3473371 01
4.1500001 02	1.7340775-01	1.3137541 01	1.3310948 01
4.2000001 02	2.4105596-02	1.2937969 01	1.2962074 01
4.3000001 02	2.2895065-02	1.2630195 01	1.2653090 01
4.4000001 02	2.4295851-02	1.2306996 01	1.2331292 01
4.5000001 02	3.2072895-02	1.1807141 01	1.1839214 01
4.5100002 02	3.4166573-02	1.1730729 01	1.1764896 01
4.5300002 02	5.4267232-02	1.1545785 01	1.1600052 01
4.5500001 02	2.1422537-01	1.1301881 01	1.1516106 01
4.5550001 02	2.7299536-01	1.1231073 01	1.1504068 01
4.5600000 02	3.1593244-01	1.1155010 01	1.1470943 01
4.5620001 02	3.2558336-01	1.1122609 01	1.1448193 01
4.5640001 02	3.3008369-01	1.1088790 01	1.1418874 01
4.5650001 02	3.3035745-01	1.1071276 01	1.1401634 01
4.5660001 02	3.2932364-01	1.1053321 01	1.1382645 01
4.5680001 02	3.2345936-01	1.1015970 01	1.1339429 01
4.5700001 02	3.1301424-01	1.0976481 01	1.1289495 01
4.5750002 02	2.7240730-01	1.0866811 01	1.1139218 01
4.5800001 02	2.2430429-01	1.0738509 01	1.0962813 01
4.5850002 02	1.8471262-01	1.0588011 01	1.0772723 01
4.5900002 02	1.6668577-01	1.0412866 01	1.0579551 01
4.5950002 02	1.8598499-01	1.0216701 01	1.0402686 01
4.6000001 02	2.8141645-01	1.0026271 01	1.0307688 01
4.6050002 02	5.5790087-01	9.9342512 00	1.0492152 01
4.6100001 02	1.2576316 00	1.0180840 01	1.1438472 01
4.6200001 02	6.0056329 00	1.3991887 01	1.9997520 01
4.6300001 02	1.9754613 01	2.8083551 01	4.7838164 01
4.6400001 02	4.0800549 01	5.2893950 01	9.3694498 01
4.6420001 02	4.4517221 01	5.7779539 01	1.0229676 02
4.6440001 02	4.7637469 01	6.2143731 01	1.0978120 02
4.6450001 02	4.8920060 01	6.4062489 01	1.1298255 02
4.6460001 02	4.9993499 01	6.5773601 01	1.1576710 02
4.6480000 02	5.1453758 01	6.8488182 01	1.1994194 02
4.6490001 02	5.1819905 01	6.9458346 01	1.2127825 02
4.6500001 02	5.1935197 01	7.0154153 01	1.2208935 02
4.6510001 02	5.1797749 01	7.0567881 01	1.2236563 02
4.6520001 02	5.1409620 01	7.0696200 01	1.2210582 02
4.6540001 02	4.9909283 01	7.0106487 01	1.2001577 02
4.6550001 02	4.8818487 01	6.9402133 01	1.1822062 02
4.6560001 02	4.7520325 01	6.8440695 01	1.1596102 02
4.6580001 02	4.4376658 01	6.5814372 01	1.1019103 02
4.6600001 02	4.0647150 01	6.2390610 01	1.0303776 02
4.6700001 02	1.9667694 01	4.0317313 01	5.9985007 01
4.6800001 02	6.0113506 00	2.3851931 01	2.9863280 01
4.6900002 02	1.2730158 00	1.7084351 01	1.8357367 01
4.7000001 02	2.7739556-01	1.5020551 01	1.5297947 01
4.7300002 02	7.0497500-02	1.3541229 01	1.3611726 01
4.7500001 02	5.5623225-02	1.3087587 01	1.3143211 01
4.7800002 02	4.9871453-02	1.2566393 01	1.2616265 01
4.8000001 02	5.2871263-02	1.2230496 01	1.2283367 01
4.8200002 02	6.3045414-02	1.1840631 01	1.1903677 01
4.8500001 02	1.2986327-01	1.0928165 01	1.1058028 01
4.8600001 02	3.1956631-01	1.0521523 01	1.0841089 01
4.8700001 02	1.4625841 00	1.0869297 01	1.2331881 01
4.8800001 02	6.5079496 00	1.5512716 01	2.2020665 01
4.8900001 02	2.0108143 01	3.1144524 01	5.1252667 01

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
4.9000001 02	3.9947743 01	5.7291124 01	9.7238867 01
4.9020001 02	4.3383180 01	6.2346140 01	1.0572932 02
4.9040001 02	4.6255237 01	6.6847893 01	1.1310313 02
4.9050001 02	4.7432829 01	6.8824920 01	1.1625775 02
4.9060001 02	4.8417044 01	7.0587846 01	1.1900489 02
4.9080001 02	4.9754119 01	7.3389420 01	1.2314354 02
4.9090001 02	5.0088980 01	7.4395560 01	1.2448454 02
4.9100001 02	5.0194586 01	7.5122853 01	1.2531744 02
4.9110001 02	5.0068804 01	7.5563416 01	1.2563222 02
4.9120001 02	4.9713830 01	7.5714110 01	1.2542794 02
4.9140001 02	4.8339302 01	7.5153448 01	1.2349275 02
4.9150001 02	4.7338907 01	7.4455673 01	1.2179458 02
4.9160001 02	4.6146580 01	7.3494140 01	1.1964072 02
4.9180001 02	4.3252040 01	7.0846170 01	1.1409821 02
4.9200001 02	3.9803756 01	6.7367004 01	1.0717076 02
4.9300001 02	2.0018156 01	4.4403537 01	6.4421693 01
4.9400001 02	6.5063978 00	2.6458393 01	3.2964791 01
4.9500001 02	1.4751292 00	1.8636686 01	2.0111815 01
4.9600002 02	3.2142932-01	1.6152627 01	1.6474056 01
4.9700002 02	1.2655301-01	1.5282688 01	1.5409241 01
4.9800002 02	8.5237785-02	1.4821195 01	1.4906432 01
5.0200002 02	4.4277445-02	1.3900710 01	1.3944987 01
5.0300002 02	4.0660558-02	1.3760589 01	1.3801250 01
5.0700002 02	3.8388195-02	1.3310331 01	1.3348719 01
5.0800002 02	6.3443913-02	1.3197542 01	1.3260986 01
5.0900002 02	2.3121836-01	1.3072135 01	1.3303353 01
5.1000001 02	9.5642111-01	1.2961581 01	1.3918002 01
5.1100001 02	2.8431774 00	1.2980844 01	1.5824021 01
5.1200001 02	5.5211649 00	1.3256516 01	1.8777681 01
5.1300001 02	6.8847226 00	1.3661089 01	2.0545612 01
5.1400001 02	5.5018902 00	1.3841274 01	1.9343164 01
5.1500000 02	2.8299904 00	1.3682648 01	1.6512639 01
5.1600001 02	9.5434922-01	1.3402411 01	1.4356760 01
5.1700002 02	2.3080649-01	1.3185230 01	1.3416037 01
5.1800002 02	6.0945034-02	1.3047027 01	1.3107972 01
5.1900001 02	3.4436851-02	1.2948295 01	1.2982732 01
5.2200002 02	3.1631057-02	1.2701233 01	1.2732864 01
5.2300001 02	3.3482188-02	1.2612627 01	1.2646109 01
5.2600000 02	8.5091257-02	1.2233271 01	1.2318362 01
5.2700001 02	3.4649524-01	1.2067942 01	1.2414437 01
5.2800002 02	1.6495692 00	1.2139992 01	1.3789561 01
5.2900002 02	5.8108440 00	1.3215811 01	1.9026655 01
5.3140001 02	2.2023675 01	2.0735414 01	4.2759089 01
5.3150001 02	2.2066937 01	2.0909413 01	4.2976350 01
5.3160001 02	2.2015457 01	2.1048904 01	4.3064361 01
5.3180001 02	2.1632310 01	2.1218970 01	4.2851280 01
5.3200001 02	2.0893683 01	2.1242307 01	4.2135990 01
5.3220001 02	1.9837364 01	2.1123091 01	4.0960455 01
5.3240001 02	1.8514480 01	2.0872326 01	3.9386806 01
5.3250001 02	1.7772044 01	2.0702847 01	3.8474891 01
5.3300001 02	1.3587550 01	1.9521712 01	3.3109262 01
5.3400001 02	5.7922156 00	1.6655441 01	2.2447657 01
5.3500001 02	1.6550848 00	1.4689940 01	1.6345025 01
5.3600002 02	3.5139210-01	1.3808125 01	1.4159517 01
5.3700000 02	8.7222367-02	1.3449634 01	1.3536857 01
5.3800001 02	5.5168499-02	1.3260950 01	1.3316118 01
5.3900002 02	1.0246595-01	1.3123782 01	1.3226248 01
5.4000001 02	3.1984515-01	1.3008740 01	1.3328585 01
5.4100001 02	8.5546385-01	1.2926829 01	1.3782293 01
5.4200001 02	1.5835239 00	1.2909986 01	1.4493510 01
5.4250001 02	1.8489745 00	1.2927323 01	1.4776298 01
5.4300001 02	1.9455183 00	1.2952900 01	1.4898418 01

TABLE V (Continued)

T = 0.5 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
5.4350001 02	1.8445194 00	1.2975849 01	1.4820368 01
5.4400001 02	1.5761412 00	1.2986540 01	1.4562681 01
5.4500001 02	8.4727837-01	1.2957730 01	1.3805008 01
5.4600002 02	3.1200850-01	1.2885806 01	1.3197814 01
5.4700002 02	9.1087945-02	1.2811918 01	1.2903006 01
5.4800000 02	3.4355525-02	1.2751294 01	1.2785650 01
5.4900001 02	2.4438463-02	1.2700861 01	1.2725299 01
5.5000001 02	2.2866521-02	1.2655739 01	1.2678606 01
5.5500002 02	2.2442080-02	1.2449602 01	1.2472044 01
5.6000001 02	2.5306333-02	1.2212534 01	1.2237840 01
5.6500001 02	3.8682139-02	1.1810231 01	1.1848913 01
5.6600001 02	4.7876919-02	1.1670962 01	1.1718839 01
5.6700001 02	7.9884853-02	1.1489701 01	1.1569586 01
5.6800001 02	2.6565544-01	1.1295250 01	1.1560905 01
5.6900002 02	1.2309173 00	1.1390129 01	1.2621046 01
5.7000000 02	4.6935308 00	1.2847219 01	1.7540750 01
5.7100001 02	1.2549647 01	1.7283277 01	2.9832924 01
5.7200001 02	2.2736067 01	2.4282977 01	4.7019044 01
5.7220000 02	2.4416501 01	2.5640619 01	5.0057120 01
5.7240001 02	2.5806723 01	2.6870683 01	5.2677406 01
5.7250001 02	2.6373652 01	2.7423105 01	5.3796757 01
5.7260000 02	2.6845690 01	2.7926115 01	5.4771805 01
5.7280001 02	2.7485111 01	2.8765025 01	5.6250136 01
5.7290001 02	2.7645116 01	2.9093032 01	5.6738148 01
5.7300001 02	2.7695218 01	2.9355409 01	5.7050627 01
5.7310000 02	2.7635451 01	2.9550458 01	5.7185909 01
5.7320001 02	2.7466315 01	2.9676559 01	5.7142874 01
5.7340001 02	2.6809311 01	2.9720448 01	5.6529759 01
5.7350001 02	2.6329411 01	2.9639512 01	5.5968923 01
5.7360001 02	2.5755365 01	2.9492102 01	5.5247467 01
5.7379999 02	2.4353391 01	2.9009933 01	5.3363324 01
5.7400001 02	2.2665756 01	2.8302312 01	5.0968068 01
5.7500001 02	1.2500897 01	2.2823226 01	3.5324123 01
5.7600001 02	4.7100425 00	1.7653644 01	2.2363686 01
5.7700002 02	1.3582792 00	1.4858084 01	1.6216363 01
5.7750000 02	8.2569221-01	1.4164518 01	1.4990210 01
5.7800001 02	7.3292513-01	1.3741669 01	1.4474594 01
5.7850001 02	9.3002899-01	1.3482023 01	1.4412052 01
5.7900001 02	1.3172731 00	1.3322278 01	1.4639551 01
5.8000001 02	2.2810623 00	1.3186594 01	1.5467656 01
5.8050001 02	2.6307069 00	1.3177406 01	1.5808113 01
5.8079999 02	2.7357185 00	1.3181223 01	1.5916942 01
5.8090001 02	2.7508676 00	1.3183140 01	1.5934008 01
5.8100000 02	2.7555047 00	1.3185224 01	1.5940728 01
5.8110001 02	2.7493542 00	1.3187287 01	1.5936641 01
5.8120001 02	2.7322029 00	1.3189182 01	1.5921385 01
5.8150001 02	2.6192220 00	1.3192348 01	1.5811570 01
5.8200001 02	2.2600857 00	1.3184628 01	1.5444714 01
5.8300002 02	1.2623036 00	1.3105414 01	1.4367717 01
5.8400002 02	4.9103876-01	1.2974627 01	1.3465666 01
5.8500001 02	1.4703815-01	1.2848858 01	1.2995896 01
5.8600001 02	4.9265895-02	1.2748620 01	1.2797886 01
5.8700002 02	3.0005930-02	1.2667794 01	1.2697800 01
5.8800002 02	2.6695960-02	1.2597468 01	1.2624164 01
5.8900001 02	2.5886960-02	1.2532382 01	1.2558269 01
5.9000001 02	2.5684343-02	1.2469539 01	1.2495223 01
5.9200002 02	2.6567898-02	1.2341622 01	1.2368190 01
5.9500001 02	3.8659243-02	1.2098037 01	1.2136696 01
5.9600001 02	8.5588372-02	1.1980939 01	1.2066527 01
5.9700001 02	3.5323452-01	1.1860346 01	1.2213581 01
5.9800002 02	1.4588102 00	1.1881247 01	1.3340057 01
5.9900002 02	4.4713452 00	1.2423271 01	1.6894617 01

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_y (barns)	σ_S (barns)	σ_T (barns)
6.0000001 02	9.5250490 00	1.3821300 01	2.3346349 01
6.0050001 02	1.2070154 01	1.4737384 01	2.6807538 01
6.0060001 02	1.2511670 01	1.4920420 01	2.7432090 01
6.0070000 02	1.2920268 01	1.5099907 01	2.8020175 01
6.0080000 02	1.3292895 01	1.5274896 01	2.8567791 01
6.0090001 02	1.3623152 01	1.5442868 01	2.9066020 01
6.0100001 02	1.3908553 01	1.5603033 01	2.9511586 01
6.0120000 02	1.4334515 01	1.5894190 01	3.0228705 01
6.0140001 02	1.4549202 01	1.6137145 01	3.0686347 01
6.0150001 02	1.4574659 01	1.6237974 01	3.0812633 01
6.0160000 02	1.4544620 01	1.6324025 01	3.0868645 01
6.0180001 02	1.4320443 01	1.6449092 01	3.0769535 01
6.0200001 02	1.3887117 01	1.6509478 01	3.0396595 01
6.0220001 02	1.3264248 01	1.6504874 01	2.9769122 01
6.0240001 02	1.2477519 01	1.6438291 01	2.8915810 01
6.0250001 02	1.2033454 01	1.6383359 01	2.8416813 01
6.0300001 02	9.4874040 00	1.5932621 01	2.5420025 01
6.0500001 02	1.4608600 00	1.3559153 01	1.5020013 01
6.0600002 02	3.5681799-01	1.2990149 01	1.3346967 01
6.0700001 02	8.6573730-02	1.2727030 01	1.2613604 01
6.0800001 02	3.8372649-02	1.2585948 01	1.2624321 01
6.0900002 02	2.9859203-02	1.2488659 01	1.2518518 01
6.1000001 02	2.7203338-02	1.2410113 01	1.2437316 01
6.1200002 02	2.5236469-02	1.2277752 01	1.2302988 01
6.1500001 02	2.9962890-02	1.2085368 01	1.2115331 01
6.1600002 02	5.5927116-02	1.2006767 01	1.2062694 01
6.1700002 02	2.0049253-01	1.1915729 01	1.2116221 01
6.1800001 02	7.7261586-01	1.1841280 01	1.2613896 01
6.1900001 02	2.2746505 00	1.1885474 01	1.4160125 01
6.2000001 02	4.7264298 00	1.2177438 01	1.6903868 01
6.2050001 02	5.9426374 00	1.2412134 01	1.8354772 01
6.2060000 02	6.1529741 00	1.2462691 01	1.8615665 01
6.2070001 02	6.3474870 00	1.2513639 01	1.8861126 01
6.2079999 02	6.5242757 00	1.2564581 01	1.9088856 01
6.2090001 02	6.6816189 00	1.2615145 01	1.9296764 01
6.2100001 02	6.8176296 00	1.2664816 01	1.9482446 01
6.2120001 02	7.0198956 00	1.2759848 01	1.9779744 01
6.2140001 02	7.1216870 00	1.2846604 01	1.9968291 01
6.2150000 02	7.1332714 00	1.2885943 01	2.0019214 01
6.2155001 02	7.1290740 00	1.2904609 01	2.0033683 01
6.2160001 02	7.1186050 00	1.2922174 01	2.0040779 01
6.2179999 02	7.0116875 00	1.2984369 01	1.9996057 01
6.2200001 02	6.8062842 00	1.3031394 01	1.9837679 01
6.2250001 02	5.9262327 00	1.3076335 01	1.9002568 01
6.2300002 02	4.7072766 00	1.3023568 01	1.7730845 01
6.2400002 02	2.2664271 00	1.2738955 01	1.5005382 01
6.2500001 02	7.7321516-01	1.2432022 01	1.3205237 01
6.2600001 02	2.0200240-01	1.2225154 01	1.2427157 01
6.2700002 02	5.6066090-02	1.2102461 01	1.2158527 01
6.2800002 02	2.9220351-02	1.2021046 01	1.2050266 01
6.2900000 02	2.4702066-02	1.1956923 01	1.1981625 01
6.3000001 02	2.3473617-02	1.1900732 01	1.1924205 01
6.3500002 02	2.2428135-02	1.1654912 01	1.1677340 01
6.4000000 02	2.3835198-02	1.1399702 01	1.1423537 01
6.5000001 02	3.6902606-02	1.0616494 01	1.0653396 01
6.5200001 02	4.6165084-02	1.0335330 01	1.0381495 01
6.5300002 02	5.5553363-02	1.0153161 01	1.0208714 01
6.5500001 02	2.2124771-01	9.6990123 00	9.9202600 00
6.5600001 02	8.7884386-01	9.7103591 00	1.0589203 01
6.5700001 02	3.2134166 00	1.0855240 01	1.4068657 01
6.5800001 02	8.8688704 00	1.4688119 01	2.3556989 01
6.5900001 02	1.7598188 01	2.1681083 01	3.9279271 01

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.5919999 02	1.9374837 01	2.3251312 01	4.2626149 01
6.5940001 02	2.1040056 01	2.4787000 01	4.5827056 01
6.5950001 02	2.1812616 01	2.5526675 01	4.7339291 01
6.5960001 02	2.2535165 01	2.6239084 01	4.8774249 01
6.5980000 02	2.3807092 01	2.7561079 01	5.1368171 01
6.6000001 02	2.4806341 01	2.8706429 01	5.3512770 01
6.6020000 02	2.5493508 01	2.9634846 01	5.5128354 01
6.6030001 02	2.5710682 01	3.0007184 01	5.5717866 01
6.6040001 02	2.5840895 01	3.0313867 01	5.6154762 01
6.6050001 02	2.5881877 01	3.0551891 01	5.6433768 01
6.6060000 02	2.5833879 01	3.0720040 01	5.6553919 01
6.6070001 02	2.5696871 01	3.0816320 01	5.6513191 01
6.6080001 02	2.5473494 01	3.0841658 01	5.6315152 01
6.6100001 02	2.4774749 01	3.0678769 01	5.5453518 01
6.6120001 02	2.3766446 01	3.0242865 01	5.4009311 01
6.6140001 02	2.2487390 01	2.9555206 01	5.2042596 01
6.6150001 02	2.1762563 01	2.9127257 01	5.0889820 01
6.6200000 02	1.7552800 01	2.6331055 01	4.3883855 01
6.6300001 02	8.9003054 00	1.9568371 01	2.8468676 01
6.6400001 02	3.4912573 00	1.4452573 01	1.7943830 01
6.6500001 02	2.0437136 00	1.1992244 01	1.4035958 01
6.6600001 02	3.9526260 00	1.1649279 01	1.5601905 01
6.6700001 02	8.7893179 00	1.3063045 01	2.1852363 01
6.6800001 02	1.4565641 01	1.5545044 01	3.0110685 01
6.6820001 02	1.5480206 01	1.6025097 01	3.1505302 01
6.6840001 02	1.6231252 01	1.6459182 01	3.2690434 01
6.6850001 02	1.6535130 01	1.6653176 01	3.3189306 01
6.6860000 02	1.6788660 01	1.6829957 01	3.3618617 01
6.6879999 02	1.7130185 01	1.7122484 01	3.4252669 01
6.6890001 02	1.7215473 01	1.7235662 01	3.4451136 01
6.6900001 02	1.7242721 01	1.7325134 01	3.4567855 01
6.6910001 02	1.7211105 01	1.7389840 01	3.4600945 01
6.6920001 02	1.7121711 01	1.7429503 01	3.4551214 01
6.6940001 02	1.6772142 01	1.7431041 01	3.4203183 01
6.6950001 02	1.6515584 01	1.7392999 01	3.3908563 01
6.6960001 02	1.6208256 01	1.7329507 01	3.3537763 01
6.6980000 02	1.5452320 01	1.7128929 01	3.2581249 01
6.7000001 02	1.4534348 01	1.6836973 01	3.1371321 01
6.7100001 02	8.7580380 00	1.4447492 01	2.3205530 01
6.7200001 02	3.8420953 00	1.1768177 01	1.5610272 01
6.7300000 02	1.3664943 00	9.8219026 00	1.1188397 01
6.7350001 02	8.9064081-01	9.2122832 00	1.0102924 01
6.7400001 02	7.9286880-01	8.9454270 00	9.7382957 00
6.7450002 02	1.0671091 00	9.2780349 00	1.0345144 01
6.7500001 02	1.8253041 00	1.0730050 01	1.2555354 01
6.7600001 02	5.8221164 00	2.0671923 01	2.6494040 01
6.7700001 02	1.5043437 01	4.7246258 01	6.2289694 01
6.7800001 02	2.8764926 01	9.0840774 01	1.1960570 02
6.7810001 02	3.0156939 01	9.5526541 01	1.2568348 02
6.7820000 02	3.1514400 01	1.0015714 02	1.3167154 02
6.7830001 02	3.2825944 01	1.0469699 02	1.3752293 02
6.7840001 02	3.4080952 01	1.0911181 02	1.4319276 02
6.7850001 02	3.5269230 01	1.1336856 02	1.4863779 02
6.7860001 02	3.6379475 01	1.1742975 02	1.5380922 02
6.7870000 02	3.7402320 01	1.2126371 02	1.5866603 02
6.7880001 02	3.8328367 01	1.2483799 02	1.6316636 02
6.7890001 02	3.9148879 01	1.2812169 02	1.6727057 02
6.7900001 02	3.9856058 01	1.3108650 02	1.7094255 02
6.7920001 02	4.0904598 01	1.3595974 02	1.7686434 02
6.7940001 02	4.1432892 01	1.3928928 02	1.8072217 02
6.7950001 02	4.1494859 01	1.4033931 02	1.8183417 02
6.7960000 02	4.1420848 01	1.4096822 02	1.8238907 02

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.7979999 02	4.0868613 01	1.4095086 02	1.8181947 02
6.8000001 02	3.9798578 01	1.3926198 02	1.7906056 02
6.8020001 02	3.8252653 01	1.3599043 02	1.7424308 02
6.8040001 02	3.6289779 01	1.3128247 02	1.6757225 02
6.8050001 02	3.5173831 01	1.2844869 02	1.6362252 02
6.8100001 02	2.8661307 01	1.1066183 02	1.3932314 02
6.8200001 02	1.4988474 01	6.9425089 01	8.4413563 01
6.8300001 02	5.8147937 00	3.9031547 01	4.4846341 01
6.8400000 02	1.7974910 00	2.4051611 01	2.5849102 01
6.8500001 02	5.6541314-01	1.8230484 01	1.8795897 01
6.8550002 02	3.8198932-01	1.6843763 01	1.7225753 01
6.8600001 02	3.3538945-01	1.5908526 01	1.6243916 01
6.8650002 02	4.0564578-01	1.5240910 01	1.5646556 01
6.8700002 02	6.3763126-01	1.4789437 01	1.5427068 01
6.8750002 02	1.1426878 00	1.4609068 01	1.5751756 01
6.8800001 02	2.0982001 00	1.4850567 01	1.6948767 01
6.8900001 02	6.2326140 00	1.7538598 01	2.3771212 01
6.9000001 02	1.3978576 01	2.4360168 01	3.8338745 01
6.9100001 02	2.2804164 01	3.3740634 01	5.6544798 01
6.9120001 02	2.4184191 01	3.5453210 01	5.9637401 01
6.9140001 02	2.5313712 01	3.6981191 01	6.2294903 01
6.9150000 02	2.5770942 01	3.7659509 01	6.3430451 01
6.9160001 02	2.6150347 01	3.8272945 01	6.4423293 01
6.9180000 02	2.6662051 01	3.9284274 01	6.5946325 01
6.9190001 02	2.6789561 01	3.9674169 01	6.6463730 01
6.9200001 02	2.6829120 01	3.9981828 01	6.6810947 01
6.9210001 02	2.6780677 01	4.0205379 01	6.6986055 01
6.9219999 02	2.6644861 01	4.0343339 01	6.6988200 01
6.9240001 02	2.6116619 01	4.0360630 01	6.6477249 01
6.9250001 02	2.5729429 01	4.0240977 01	6.5970406 01
6.9260001 02	2.5265176 01	4.0038432 01	6.5303608 01
6.9280000 02	2.4123410 01	3.9395617 01	6.3519027 01
6.9300001 02	2.2733482 01	3.8461497 01	6.1194979 01
6.9400001 02	1.3903621 01	3.1001086 01	4.4904707 01
6.9500000 02	6.1837802 00	2.3165999 01	2.9349779 01
6.9600001 02	2.0516815 00	1.8202946 01	2.0254627 01
6.9700002 02	5.6160288-01	1.5855915 01	1.6417518 01
6.9800002 02	1.8452017-01	1.4797400 01	1.4981920 01
6.9900001 02	1.5205483-01	1.4185247 01	1.4337301 01
6.9950001 02	2.1695642-01	1.3944646 01	1.4161602 01
7.0000001 02	3.7640747-01	1.3742637 01	1.4119045 01
7.0050002 02	7.0473219-01	1.3602555 01	1.4307287 01
7.0100002 02	1.3135218 00	1.3572097 01	1.4885619 01
7.0200001 02	3.9026193 00	1.4133981 01	1.8036601 01
7.0300001 02	8.6841960 00	1.5950072 01	2.4634268 01
7.0400001 02	1.4081108 01	1.8699400 01	3.2780508 01
7.0420000 02	1.4921478 01	1.9232846 01	3.4154324 01
7.0440001 02	1.5609108 01	1.9722786 01	3.5331894 01
7.0450001 02	1.5887046 01	1.9946318 01	3.5833364 01
7.0460000 02	1.6118609 01	2.0153302 01	3.6271912 01
7.0480001 02	1.6429767 01	2.0509684 01	3.6939451 01
7.0490001 02	1.6507125 01	2.0656491 01	3.7163616 01
7.0500002 02	1.6532051 01	2.0780856 01	3.7312907 01
7.0520002 02	1.6420015 01	2.0957578 01	3.7377593 01
7.0540001 02	1.6099389 01	2.1035628 01	3.7135017 01
7.0550002 02	1.5864263 01	2.1037305 01	3.6901568 01
7.0560001 02	1.5582097 01	2.1014023 01	3.6596119 01
7.0580002 02	1.4888004 01	2.0895666 01	3.5783669 01
7.0600002 02	1.4042557 01	2.0686942 01	3.4729499 01
7.0700001 02	8.6472266 00	1.8691829 01	2.7339055 01
7.0800002 02	3.8875699 00	1.6332479 01	2.0220049 01
7.0900001 02	1.3091654 00	1.4664738 01	1.5973903 01

TABLE V (Continued)

T = 0.5 ev

$E_n(\text{ev})$	$\sigma_y(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
7.100001 02	3.7095473-01	1.3733405 01	1.4104359 01
7.105001 02	2.1198599-01	1.3432687 01	1.3644673 01
7.110001 02	1.5322584-01	1.3188804 01	1.3342030 01
7.1150002 02	1.6367543-01	1.2980231 01	1.3143906 01
7.120001 02	2.4981405-01	1.2803756 01	1.3053570 01
7.130001 02	8.7648806-01	1.2655251 01	1.3531739 01
7.140001 02	2.9100392 00	1.3281691 01	1.6191730 01
7.150001 02	7.4318362 00	1.5584055 01	2.3015891 01
7.160001 02	1.3984298 01	1.9783247 01	3.3767545 01
7.162001 02	1.5281331 01	2.0731015 01	3.6012346 01
7.164001 02	1.6488058 01	2.1663140 01	3.8151198 01
7.165001 02	1.7045282 01	2.2115213 01	3.9160495 01
7.166001 02	1.7565742 01	2.2553480 01	4.0119221 01
7.1679999 02	1.8477291 01	2.3374969 01	4.1852260 01
7.170001 02	1.9191196 01	2.4102670 01	4.3293865 01
7.172001 02	1.9679133 01	2.4711871 01	4.4391004 01
7.174001 02	1.9926691 01	2.5185903 01	4.5112594 01
7.175001 02	1.9955626 01	2.5366467 01	4.5322092 01
7.176001 02	1.9921074 01	2.5507920 01	4.5428994 01
7.177001 02	1.9823149 01	2.5608912 01	4.5432061 01
7.1780000 02	1.9663682 01	2.5670018 01	4.5333701 01
7.180001 02	1.9164167 01	2.5669518 01	4.4833685 01
7.1820000 02	1.8442207 01	2.5511019 01	4.3953225 01
7.184001 02	1.7523463 01	2.5202899 01	4.2726362 01
7.185001 02	1.7000461 01	2.4997260 01	4.1997721 01
7.190001 02	1.3934216 01	2.3549150 01	3.7483366 01
7.200001 02	7.4020464 00	1.9686211 01	2.7088257 01
7.210001 02	2.9028547 00	1.6451499 01	1.9354353 01
7.220001 02	8.7249771-01	1.4617032 01	1.5489530 01
7.2300002 02	2.3319231-01	1.3756204 01	1.3989396 01
7.2400002 02	8.4698002-02	1.3323866 01	1.3408564 01
7.250001 02	5.5666967-02	1.3041155 01	1.3096822 01
7.2800002 02	4.5953950-02	1.2406144 01	1.2452098 01
7.300001 02	4.7571447-02	1.2012317 01	1.2059889 01
7.320001 02	5.2939760-02	1.1585589 01	1.1638529 01
7.3400002 02	6.3430007-02	1.1081410 01	1.1144840 01
7.350001 02	7.1748010-02	1.0781113 01	1.0852861 01
7.3700002 02	1.0058273-01	1.0019853 01	1.0120436 01
7.400001 02	3.9832531-01	8.5604979 00	8.9588231 00
7.410001 02	1.1885263 00	9.8543106 00	1.1042837 01
7.420001 02	3.7758667 00	1.7485811 01	2.1261678 01
7.430001 02	1.0124685 01	3.9952020 01	5.0076705 01
7.440001 02	2.0980484 01	8.2516187 01	1.0349667 02
7.450001 02	3.2657171 01	1.3326367 02	1.6592084 02
7.4510000 02	3.3587331 01	1.3769766 02	1.7128499 02
7.452001 02	3.4441634 01	1.4187803 02	1.7631966 02
7.453001 02	3.5213110 01	1.4577361 02	1.8098672 02
7.454001 02	3.5895208 01	1.4935429 02	1.8524950 02
7.455001 02	3.6482150 01	1.5259285 02	1.8907500 02
7.4560000 02	3.6968466 01	1.5546251 02	1.9243097 02
7.4579999 02	3.7623641 01	1.6001128 02	1.9763492 02
7.459001 02	3.7786786 01	1.6165661 02	1.9944339 02
7.460001 02	3.7838242 01	1.6286624 02	2.0070448 02
7.461001 02	3.7777000 01	1.6363052 02	2.0140752 02
7.462001 02	3.7603561 01	1.6394527 02	2.0154883 02
7.464001 02	3.6929024 01	1.6323732 02	2.0016635 02
7.4650000 02	3.6434079 01	1.6222751 02	1.9866159 02
7.466001 02	3.5838794 01	1.6079240 02	1.9663119 02
7.4679999 02	3.4371207 01	1.5672093 02	1.9109213 02
7.470001 02	3.2576000 01	1.5118481 02	1.8376081 02
7.4719999 02	3.0512988 01	1.4439312 02	1.7490611 02
7.4740001 02	2.8247314 01	1.3658452 02	1.6483183 02

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
7.4750001 02	2.7059398 01	1.3237831 02	1.5943771 02
7.4760001 02	2.5846380 01	1.2801575 02	1.5386213 02
7.4780000 02	2.3376490 01	1.1894743 02	1.4232392 02
7.4800001 02	2.0900823 01	1.0963576 02	1.3053658 02
7.4900001 02	1.0095426 01	6.6614776 01	7.6710201 01
7.5000001 02	3.7787569 00	3.9061601 01	4.2840358 01
7.5100001 02	1.1950271 00	2.6282473 01	2.7477500 01
7.5200001 02	3.9979956-01	2.1324537 01	2.1724337 01
7.5300002 02	1.8953732-01	1.9304446 01	1.9493983 01
7.5400000 02	1.2595709-01	1.8238246 01	1.8364203 01
7.5500001 02	9.7246045-02	1.7524808 01	1.7622054 01
7.5800001 02	5.8858017-02	1.6213540 01	1.6272398 01
7.6000001 02	4.7119745-02	1.5667838 01	1.5714957 01
7.6500000 02	3.3386179-02	1.4777059 01	1.4810445 01
7.7000001 02	2.8676272-02	1.4180178 01	1.4208854 01
7.7200002 02	2.8330547-02	1.3971133 01	1.3999464 01
7.7400002 02	2.9270883-02	1.3760562 01	1.3789833 01
7.7500002 02	3.1214335-02	1.3648547 01	1.3679761 01
7.7600000 02	3.9454710-02	1.3526421 01	1.3565876 01
7.7700001 02	8.1984482-02	1.3390068 01	1.3472053 01
7.7800002 02	2.7181174-01	1.3250164 01	1.3521976 01
7.7900002 02	9.1375053-01	1.3173113 01	1.4086863 01
7.8000001 02	2.4794791 00	1.3321680 01	1.5801159 01
7.8100001 02	5.1177037 00	1.3876161 01	1.8993865 01
7.8200001 02	7.9214904 00	1.4774993 01	2.2696484 01
7.8220001 02	8.3458548 00	1.4960401 01	2.3306256 01
7.8240001 02	8.6943629 00	1.5137742 01	2.3832105 01
7.8250001 02	8.8347102 00	1.5221533 01	2.4056243 01
7.8260000 02	8.9502206 00	1.5301051 01	2.4251272 01
7.8279999 02	9.1045791 00	1.5444943 01	2.4549522 01
7.8290001 02	9.1439147 00	1.5508870 01	2.4652785 01
7.8300001 02	9.1570881 00	1.5566985 01	2.4724073 01
7.8310001 02	9.1432885 00	1.5618621 01	2.4761910 01
7.8320001 02	9.1018174 00	1.5663205 01	2.4765022 01
7.8340001 02	8.9396704 00	1.5730197 01	2.4669867 01
7.8350001 02	8.8219437 00	1.5752780 01	2.4574724 01
7.8360001 02	8.6812419 00	1.5768026 01	2.4449268 01
7.8380000 02	8.3321296 00	1.5776084 01	2.4108214 01
7.8400001 02	7.9020536 00	1.5754072 01	2.3656126 01
7.8500001 02	5.1010710 00	1.5290171 01	2.0391242 01
7.8600002 02	2.4737180 00	1.4563964 01	1.7037682 01
7.8700000 02	9.1664967-01	1.3949586 01	1.4866236 01
7.8800001 02	2.7620250-01	1.3552338 01	1.3828541 01
7.8900002 02	8.5675844-02	1.3307043 01	1.3392719 01
7.9000001 02	4.2970901-02	1.3133041 01	1.3176012 01
7.9500001 02	3.7475643-02	1.2416771 01	1.2454246 01
8.0000001 02	6.2895876-02	1.1372647 01	1.1435543 01
8.0100002 02	7.5958141-02	1.1046735 01	1.1122693 01
8.0200001 02	9.9186248-02	1.0648285 01	1.0747471 01
8.0300001 02	1.5948254-01	1.0193421 01	1.0352903 01
8.0400002 02	3.7963302-01	9.9362690 00	1.0315902 01
8.0500001 02	1.1970515 00	1.1052639 01	1.2249691 01
8.0600001 02	3.6837542 00	1.6828546 01	2.0512300 01
8.0700001 02	9.3488720 00	3.2570150 01	4.1919022 01
8.0800001 02	1.8470483 01	6.0793400 01	7.9263883 01
8.0810000 02	1.9484564 01	6.4105773 01	8.3590337 01
8.0820001 02	2.0498870 01	6.7456685 01	8.7955555 01
8.0829999 02	2.1507526 01	7.0828600 01	9.2336125 01
8.0840001 02	2.2504341 01	7.4202890 01	9.6707230 01
8.0850001 02	2.3483289 01	7.7561181 01	1.0104447 02
8.0860001 02	2.4437716 01	8.0882564 01	1.0532028 02
8.0870001 02	2.5361750 01	8.4148500 01	1.0951025 02

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
8.0879999 02	2.6248200 01	8.7335770 01	1.1358397 02
8.0890001 02	2.7091392 01	9.0425848 01	1.1751724 02
8.0900000 02	2.7884675 01	9.3396436 01	1.2128111 02
8.0920001 02	2.9298899 01	9.8901701 01	1.2820060 02
8.0940001 02	3.0446862 01	1.0369589 02	1.3414275 02
8.0950001 02	3.0909244 01	1.0578282 02	1.3669206 02
8.0960001 02	3.1292277 01	1.0764333 02	1.3893561 02
8.0980000 02	3.1807533 01	1.1063102 02	1.4243856 02
8.0990001 02	3.1935656 01	1.1173811 02	1.4367377 02
8.1000001 02	3.1976110 01	1.1257784 02	1.4455395 02
8.1010001 02	3.1927955 01	1.1314320 02	1.4507115 02
8.1020000 02	3.1791929 01	1.1343269 02	1.4522462 02
8.1040001 02	3.1261737 01	1.1318548 02	1.4444722 02
8.1050001 02	3.0871757 01	1.1265406 02	1.4352582 02
8.1060001 02	3.0402778 01	1.1185898 02	1.4226176 02
8.1080001 02	2.9243358 01	1.0951350 02	1.3875686 02
8.1100001 02	2.7820474 01	1.0623998 02	1.3406045 02
8.1120000 02	2.6178263 01	1.0215608 02	1.2833434 02
8.1140001 02	2.4364547 01	9.7396283 01	1.2176083 02
8.1150001 02	2.3409539 01	9.4810231 01	1.1821977 02
8.1200001 02	1.8404118 01	8.0586008 01	9.8990126 01
8.1400001 02	3.6848687 00	3.3313808 01	3.6998676 01
8.1500001 02	1.2035439 00	2.3740118 01	2.4943661 01
8.1600002 02	3.8240384-01	1.9797522 01	2.0179926 01
8.1700001 02	1.5923074-01	1.8174703 01	1.8333934 01
8.1800002 02	9.7784256-02	1.7348548 01	1.7446332 01
8.1900002 02	7.4194484-02	1.6811335 01	1.6865529 01
8.2000000 02	6.0946449-02	1.6411092 01	1.6472038 01
8.2500001 02	3.4161476-02	1.5259818 01	1.5293979 01
8.3000001 02	2.6390181-02	1.4648055 01	1.4674445 01
8.3500001 02	2.4756892-02	1.4192990 01	1.4217747 01
8.4000001 02	3.4591878-02	1.3683411 01	1.3718003 01
8.4100002 02	5.6250884-02	1.3539026 01	1.3595276 01
8.4200002 02	1.5591509-01	1.3384182 01	1.3540097 01
8.4300001 02	5.4847926-01	1.3307652 01	1.3856131 01
8.4400002 02	1.7385647 00	1.3591966 01	1.5330531 01
8.4500001 02	4.3972167 00	1.4736842 01	1.9134059 01
8.4600001 02	8.5920562 00	1.7077875 01	2.5669931 01
8.4700001 02	1.2857000 01	2.0080203 01	3.2937202 01
8.4720000 02	1.3493494 01	2.0635581 01	3.4129075 01
8.4740001 02	1.4009555 01	2.1143131 01	3.5152686 01
8.4750001 02	1.4217738 01	2.1374949 01	3.5592688 01
8.4760001 02	1.4389495 01	2.1589687 01	3.5979182 01
8.4780001 02	1.4620780 01	2.1963556 01	3.6584336 01
8.4790001 02	1.4678554 01	2.2120363 01	3.6798917 01
8.4800001 02	1.4696430 01	2.2255349 01	3.6951779 01
8.4810000 02	1.4674861 01	2.2368341 01	3.7043202 01
8.4820001 02	1.4613779 01	2.2458394 01	3.7072172 01
8.4840001 02	1.4375480 01	2.2568444 01	3.6943924 01
8.4850001 02	1.4200554 01	2.2588318 01	3.6788872 01
8.4860000 02	1.3990029 01	2.2585021 01	3.6575050 01
8.4879999 02	1.3468981 01	2.2509763 01	3.5978744 01
8.4900001 02	1.2828911 01	2.2347876 01	3.5176787 01
8.4950000 02	1.0836315 01	2.1616790 01	3.2453105 01
8.5000001 02	8.5624936 00	2.0559007 01	2.9121500 01
8.5100002 02	4.3842069 00	1.8202299 01	2.2586506 01
8.5200002 02	1.7385456 00	1.6376312 01	1.8114857 01
8.5300002 02	5.5111248-01	1.5334206 01	1.5885318 01
8.5400001 02	1.5668117-01	1.4824299 01	1.4980980 01
8.5500001 02	5.5340031-02	1.4565687 01	1.4621027 01
8.6000001 02	2.2601026-02	1.4028285 01	1.4050886 01
8.6500001 02	3.7521943-02	1.3643709 01	1.3681230 01

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
8.6600001 02	9.5092112-02	1.3545333 01	1.3640425 01
8.6700002 02	3.1703977-01	1.3451188 01	1.3768228 01
8.6800001 02	9.7196250-01	1.3427177 01	1.4399139 01
8.6900001 02	2.3981841 00	1.3608149 01	1.6006333 01
8.7000001 02	4.6074862 00	1.4120201 01	1.8727687 01
8.7100002 02	6.8210516 00	1.4890782 01	2.1711834 01
8.7120001 02	7.1523951 00	1.5049430 01	2.2201825 01
8.7140001 02	7.4177432 00	1.5199741 01	2.2617484 01
8.7150000 02	7.5232691 00	1.5271154 01	2.2794424 01
8.7160001 02	7.6115415 00	1.5339940 01	2.2951481 01
8.7179999 02	7.7333582 00	1.5466947 01	2.3200305 01
8.7190001 02	7.7634865 00	1.5523731 01	2.3287217 01
8.7200001 02	7.7720426 00	1.5575637 01	2.3347679 01
8.7210001 02	7.7595666 00	1.5622744 01	2.3382311 01
8.7219999 02	7.7217103 00	1.5664929 01	2.3392099 01
8.7240001 02	7.6071892 00	1.5733850 01	2.3341039 01
8.7250001 02	7.5177095 00	1.5759303 01	2.3277013 01
8.7260001 02	7.4080441 00	1.5778656 01	2.3186700 01
8.7280000 02	7.1370484 00	1.5800453 01	2.2937501 01
8.7300001 02	6.8084649 00	1.5800453 01	2.2608918 01
8.7400002 02	4.5902852 00	1.5504696 01	2.0094981 01
8.7500001 02	2.3917687 00	1.4957753 01	1.7349521 01
8.7600001 02	9.7219681-01	1.4456507 01	1.5428704 01
8.7700002 02	3.1897098-01	1.4119648 01	1.4438619 01
8.7800002 02	9.6105196-02	1.3919600 01	1.4015705 01
8.7900000 02	3.7751184-02	1.3794037 01	1.3831788 01
8.8000001 02	2.5231969-02	1.3701383 01	1.3726615 01
8.8300001 02	2.2172925-02	1.3476418 01	1.3498591 01
8.8500001 02	2.3729884-02	1.3322680 01	1.3346410 01
8.8700001 02	2.8502778-02	1.3133330 01	1.3161833 01
8.8900002 02	6.8129301-02	1.2867216 01	1.2935346 01
8.9000000 02	2.0412022-01	1.2729009 01	1.2933129 01
8.9100001 02	6.9951930-01	1.2749318 01	1.3448838 01
8.9200001 02	2.1008136 00	1.3339913 01	1.5440727 01
8.9300002 02	5.0602527 00	1.5139386 01	2.0199639 01
8.9400001 02	9.5367961 00	1.8464749 01	2.8001545 01
8.9500001 02	1.3961979 01	2.2476895 01	3.6438874 01
8.9520000 02	1.4614709 01	2.3195986 01	3.7810695 01
8.9540001 02	1.5142838 01	2.3845978 01	3.8988816 01
8.9550001 02	1.5355063 01	2.4139861 01	3.9494924 01
8.9560001 02	1.5530550 01	2.4410594 01	3.9941144 01
8.9580001 02	1.5766441 01	2.4876053 01	4.0642494 01
8.9590001 02	1.5825326 01	2.5068172 01	4.0893498 01
8.9600001 02	1.5843660 01	2.5231318 01	4.1074978 01
8.9610000 02	1.5821529 01	2.5364861 01	4.1186390 01
8.9620001 02	1.5759439 01	2.5468333 01	4.1227773 01
8.9640001 02	1.5516789 01	2.5583191 01	4.1099980 01
8.9650001 02	1.5337949 01	2.5594265 01	4.0932214 01
8.9660000 02	1.5122728 01	2.5575004 01	4.0697732 01
8.9679999 02	1.4589649 01	2.5447524 01	4.0037173 01
8.9700001 02	1.3932606 01	2.5207049 01	3.9139655 01
8.9720001 02	1.3171258 01	2.4864108 01	3.8035366 01
8.9740001 02	1.2324997 01	2.4430140 01	3.6755137 01
8.9750001 02	1.1877702 01	2.4183971 01	3.6061673 01
8.9800001 02	9.5050392 00	2.2735339 01	3.2240378 01
8.9900002 02	5.0452348 00	1.9520037 01	2.4565272 01
9.0000001 02	2.1003323 00	1.7002508 01	1.9102841 01
9.0100000 02	7.0278878-01	1.5550498 01	1.6253286 01
9.0200001 02	2.0578564-01	1.4850145 01	1.5055930 01
9.0300002 02	6.7951082-02	1.4517386 01	1.4585337 01
9.0400002 02	3.5385543-02	1.4332522 01	1.4367908 01
9.0500001 02	2.6987992-02	1.4207181 01	1.4234169 01

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
9.1000001 02	1.8246564-02	1.3854313 01	1.3872560 01
9.1500001 02	1.6093142-02	1.3652033 01	1.3668126 01
9.2000001 02	1.5404405-02	1.3494002 01	1.3509406 01
9.2500001 02	1.5442114-02	1.3345791 01	1.3361233 01
9.3000001 02	1.6218817-02	1.3183950 01	1.3200169 01
9.3500001 02	1.8469001-02	1.2974499 01	1.2992968 01
9.4000001 02	2.6238731-02	1.2623232 01	1.2649470 01
9.4100002 02	3.0840239-02	1.2510987 01	1.2541827 01
9.4200001 02	4.2945752-02	1.2372564 01	1.2415510 01
9.4300002 02	8.9337546-02	1.2212223 01	1.2301561 01
9.4400002 02	2.7374511-01	1.2095449 01	1.2369194 01
9.4500000 02	8.9317147-01	1.2277566 01	1.3170738 01
9.4600001 02	2.5259229 00	1.3357566 01	1.5883489 01
9.4700001 02	5.7830757 00	1.6147972 01	2.1931048 01
9.4800001 02	1.0504140 01	2.0900632 01	3.1404772 01
9.4900001 02	1.5039736 01	2.6329355 01	4.1369091 01
9.4920001 02	1.5701041 01	2.7273860 01	4.2974901 01
9.4940001 02	1.6234962 01	2.8118629 01	4.4353591 01
9.4950001 02	1.6449029 01	2.8496720 01	4.4945749 01
9.4960001 02	1.6626188 01	2.8842912 01	4.5469100 01
9.4980000 02	1.6864029 01	2.9430329 01	4.6294358 01
9.4990001 02	1.6923053 01	2.9668163 01	4.6591216 01
9.5000001 02	1.6941628 01	2.9867228 01	4.6808856 01
9.5010001 02	1.6919573 01	3.0026250 01	4.6945823 01
9.5020000 02	1.6856713 01	3.0144335 01	4.7001048 01
9.5040001 02	1.6612252 01	3.0257745 01	4.6869997 01
9.5050001 02	1.6432059 01	3.0252657 01	4.6684716 01
9.5060001 02	1.6214681 01	3.0206978 01	4.6421659 01
9.5080001 02	1.5675844 01	2.9997507 01	4.5673351 01
9.5100001 02	1.5010199 01	2.9638043 01	4.4648242 01
9.5120001 02	1.4236033 01	2.9142096 01	4.3378129 01
9.5140001 02	1.3373565 01	2.8526067 01	4.1899632 01
9.5150001 02	1.2915686 01	2.8178591 01	4.1094277 01
9.5200001 02	1.0470928 01	2.6150717 01	3.6621645 01
9.5300001 02	5.7666782 00	2.1645715 01	2.7412393 01
9.5400002 02	2.5253775 00	1.8054460 01	2.0579838 01
9.5500001 02	8.9809111-01	1.5931054 01	1.6829145 01
9.5600002 02	2.7786885-01	1.4889973 01	1.5167842 01
9.5700001 02	9.1935648-02	1.4400205 01	1.4492140 01
9.5800002 02	4.4990082-02	1.4135993 01	1.4180983 01
9.5900002 02	3.3057710-02	1.3958762 01	1.3991820 01
9.6000001 02	2.9015236-02	1.3819120 01	1.3848135 01
9.6100001 02	2.7454335-02	1.3698366 01	1.3725820 01
9.6200002 02	2.8981393-02	1.3586731 01	1.3615712 01
9.6300002 02	4.1974238-02	1.3477140 01	1.3519114 01
9.6400001 02	9.9615212-02	1.3365829 01	1.3465444 01
9.6500001 02	2.9509664-01	1.3260721 01	1.3555818 01
9.6600001 02	8.0599335-01	1.3198234 01	1.4004227 01
9.6700002 02	1.8121125 00	1.3248249 01	1.5060361 01
9.6800001 02	3.2585773 00	1.3475348 01	1.6733925 01
9.6900001 02	4.6324993 00	1.3847083 01	1.8479582 01
9.6920000 02	4.8325614 00	1.3926324 01	1.8758885 01
9.6940001 02	4.9944383 00	1.4003434 01	1.8997872 01
9.6950001 02	5.0626537 00	1.4041766 01	1.9104420 01
9.6960000 02	5.1136214 00	1.4076662 01	1.9190283 01
9.6980001 02	5.1866165 00	1.4144279 01	1.9330896 01
9.6990001 02	5.2042574 00	1.4176237 01	1.9380495 01
9.7000001 02	5.2112312 00	1.4204719 01	1.9415950 01
9.7010000 02	5.2021279 00	1.4232032 01	1.9434160 01
9.7020001 02	5.1865429 00	1.4256540 01	1.9443083 01
9.7040001 02	5.1131734 00	1.4298612 01	1.9411785 01
9.7050001 02	5.0536511 00	1.4314824 01	1.9368475 01

TABLE V (Continued)

T = 0.5 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
9.7060001 02	4.9930401 00	1.4329923 01	1.9322963 01
9.7079999 02	4.8295164 00	1.4349948 01	1.9179465 01
9.7100001 02	4.6273821 00	1.4358591 01	1.8985973 01
9.7150001 02	3.9912057 00	1.4331095 01	1.8322300 01
9.7200001 02	3.2455148 00	1.4244415 01	1.7489930 01
9.7300002 02	1.8074747 00	1.3962970 01	1.5770445 01
9.7400002 02	8.0608059-01	1.3659716 01	1.4465797 01
9.7500001 02	2.9673014-01	1.3416945 01	1.3713675 01
9.7600002 02	1.0082802-01	1.3241809 01	1.3342637 01
9.7700002 02	4.2606314-02	1.3108932 01	1.3151538 01
9.7800002 02	2.9212433-02	1.2994224 01	1.3023436 01
9.7900001 02	2.7369250-02	1.2883135 01	1.2910504 01
9.8000001 02	2.8480097-02	1.2767125 01	1.2795605 01
9.8100002 02	3.1672196-02	1.2639529 01	1.2671201 01
9.8200001 02	4.1442292-02	1.2493956 01	1.2535398 01
9.8300001 02	8.0052961-02	1.2328715 01	1.2408767 01
9.8400002 02	2.2907135-01	1.2169176 01	1.2398247 01
9.8500001 02	7.0850212-01	1.2123370 01	1.2831872 01
9.8600001 02	1.9213961 00	1.2445514 01	1.4366910 01
9.8700002 02	4.2598232 00	1.3479872 01	1.7739696 01
9.8800001 02	7.5618772 00	1.5342979 01	2.2904856 01
9.8850001 02	9.2493539 00	1.6453772 01	2.5703126 01
9.8900001 02	1.0683197 01	1.7525829 01	2.8209026 01
9.8920001 02	1.1136283 01	1.7910217 01	2.9046500 01
9.8940001 02	1.1502686 01	1.8255503 01	2.9758189 01
9.8950001 02	1.1649549 01	1.8410422 01	3.0059971 01
9.8960001 02	1.1772302 01	1.8552833 01	3.0325135 01
9.8980000 02	1.1938653 01	1.8795153 01	3.0733806 01
9.8990001 02	1.1981464 01	1.8893790 01	3.0875254 01
9.9000001 02	1.1997486 01	1.8976481 01	3.0973967 01
9.9010001 02	1.1986202 01	1.9043167 01	3.1029369 01
9.9019999 02	1.1947889 01	1.9092848 01	3.1040737 01
9.9040001 02	1.1792066 01	1.9142139 01	3.0934205 01
9.9050001 02	1.1676161 01	1.9141842 01	3.0818003 01
9.9060001 02	1.1535632 01	1.9124464 01	3.0660096 01
9.9080001 02	1.1186353 01	1.9041794 01	3.0228147 01
9.9100001 02	1.0755697 01	1.8898835 01	2.9654532 01
9.9200001 02	7.9058831 00	1.7577807 01	2.5483690 01
9.9300001 02	5.4478679 00	1.6451682 01	2.1899550 01
9.9400001 02	5.1738777 00	1.7548478 01	2.2722356 01
9.9500001 02	7.8648189 00	2.2624602 01	3.0489421 01
9.9600001 02	1.2835516 01	3.1725297 01	4.4560813 01
9.9650000 02	1.5507222 01	3.6981506 01	5.2488728 01
9.9700001 02	1.7799662 01	4.1914099 01	5.9713761 01
9.9719999 02	1.8518737 01	4.3626765 01	6.2145502 01
9.9740001 02	1.9114985 01	4.5180011 01	6.4294997 01
9.9750001 02	1.9346291 01	4.5848328 01	6.5194618 01
9.9760001 02	1.9536382 01	4.6452596 01	6.5988978 01
9.9780000 02	1.9788754 01	4.7456858 01	6.7245612 01
9.9790001 02	1.9868496 01	4.7897982 01	6.7766478 01
9.9800001 02	1.9883484 01	4.8216020 01	6.8099504 01
9.9810001 02	1.9853773 01	4.8457600 01	6.8311373 01
9.9820000 02	1.9779486 01	4.8621422 01	6.8400908 01
9.9840001 02	1.9498568 01	4.8712779 01	6.8211347 01
9.9850001 02	1.9313803 01	4.8691141 01	6.8004943 01
9.9860001 02	1.9067961 01	4.8542619 01	6.7610579 01
9.9880001 02	1.8459654 01	4.8020954 01	6.6480608 01
9.9900001 02	1.7709755 01	4.7216250 01	6.4926006 01

TABLE VI

Th²³² CROSS SECTIONSTh²³² Temperature = 1.0 ev

Neutron Energy, E _n (ev)	Radiative Capture Cross Section, σ _γ (barns)	Scattering Cross Section, σ _s (barns)	Total Cross Section, σ _T (barns)
2.5300000-02	7.5517434 00	1.3257234 01	2.0808978 01
5.0000005-02	5.3488595 00	1.2737672 01	1.8086531 01
1.0000001-01	3.7498578 00	1.2463561 01	1.6213419 01
2.5000000-01	2.3128435 00	1.2274337 01	1.4587181 01
5.0000001-01	1.5718311 00	1.2172106 01	1.3743937 01
1.0000001 00	1.0343876 00	1.2054737 01	1.3089125 01
2.0000001 00	6.4996671-01	1.1884904 01	1.2534871 01
5.0000000 00	3.3385312-01	1.1527684 01	1.1861537 01
7.5000000 00	2.5641278-01	1.1298425 01	1.1554838 01
1.0000001 01	2.2574362-01	1.1082297 01	1.1308041 01
1.2000001 01	2.2163932-01	1.0895925 01	1.1117564 01
1.4000001 01	2.3736451-01	1.0672559 01	1.0909923 01
1.5000001 01	2.5663703-01	1.0534720 01	1.0791357 01
1.6000001 01	2.8902941-01	1.0367570 01	1.0656599 01
1.8000001 01	4.4571895-01	9.8638021 00	1.0309521 01
1.9000002 01	6.6157868-01	9.4255484 00	1.0087127 01
2.0000001 01	1.3413463 00	8.6312289 00	9.9725752 00
2.0500002 01	4.4825408 00	7.9724131 00	1.2454954 01
2.1000001 01	4.9618142 01	9.3464542 00	5.8964596 01
2.1200001 01	1.1012679 02	1.2798600 01	1.2292539 02
2.1400001 01	2.0190451 02	1.8944231 01	2.2084874 02
2.1500001 01	2.5340601 02	2.2755138 01	2.7616115 02
2.1600001 01	3.0212430 02	2.6645512 01	3.2876981 02
2.1700001 01	3.4214487 02	3.0184219 01	3.7232909 02
2.1800001 01	3.6810351 02	3.2931511 01	4.0103502 02
2.1900001 01	3.7642064 02	3.4533710 01	4.1095435 02
2.2000001 01	3.6620886 02	3.4806751 01	4.0101561 02
2.2100001 01	3.3956422 02	3.3783512 01	3.7334773 02
2.2200001 01	3.0118216 02	3.1714600 01	3.3289676 02
2.2300001 01	2.5744906 02	2.9026020 01	2.8647508 02
2.2400001 01	2.1532728 02	2.6252790 01	2.4158007 02
2.2500001 01	1.8133536 02	2.3967499 01	2.0530286 02
2.2600001 01	1.6081574 02	2.2718090 01	1.8353383 02
2.2650002 01	1.5684561 02	2.2633650 01	1.7947926 02
2.2700001 01	1.5750476 02	2.2976780 01	1.8048154 02
2.2750002 01	1.6297012 02	2.3786829 01	1.8675695 02
2.2800001 01	1.7329087 02	2.5092201 01	1.9838307 02
2.2900001 01	2.0802689 02	2.9236830 01	2.3726372 02
2.3000001 01	2.5935055 02	3.5349499 01	2.9470005 02
2.3100001 01	3.2259688 02	4.3088120 01	3.6568500 02
2.3200001 01	3.9099089 02	5.1816650 01	4.4280754 02
2.3250001 01	4.2457036 02	5.6282989 01	4.8085335 02
2.3300001 01	4.5628559 02	6.0651539 01	5.1693713 02
2.3400001 01	5.0988479 02	6.8576126 01	5.7846091 02
2.3500001 01	5.4428748 02	7.4611008 01	6.1889849 02
2.3600001 01	5.5449292 02	7.7997116 01	6.3249004 02
2.3700001 01	5.3897611 02	7.8345131 01	6.1732123 02
2.3800001 01	4.9991619 02	7.5704357 01	5.7562054 02
2.3900001 01	4.4260758 02	7.0532505 01	5.1314009 02
2.3950001 01	4.0932191 02	6.7224399 01	4.7654631 02
2.4000001 01	3.7423411 02	6.3577869 01	4.3781198 02
2.4100001 01	3.0238010 02	5.5712631 01	3.5809273 02
2.4200001 01	2.3367954 02	4.7763840 01	2.8144338 02
2.4400001 01	1.2273685 02	3.4006200 01	1.5674305 02
2.4500001 01	8.3756800 01	2.8802939 01	1.1255974 02
2.4600001 01	5.5151952 01	2.4770692 01	7.9922644 01
2.4800001 01	2.2031212 01	1.9623377 01	4.1654589 01
2.5000001 01	8.5392464 00	1.7054671 01	2.5593918 01
2.6000001 01	9.9583424-01	1.3981988 01	1.4977822 01
2.8000001 01	3.4831975-01	1.2639720 01	1.2988040 01
3.0000001 01	2.0968992-01	1.2102150 01	1.2311840 01
3.5000002 01	1.2331314-01	1.1464114 01	1.1587427 01

TABLE VI (Continued)

T = 1.0 ev

E_n (ev)	σ_y (barns)	σ_S (barns)	σ_T (barns)
4.0000001 01	1.0523173-01	1.1070390 01	1.1175622 01
4.5000002 01	1.0538449-01	1.0694737 01	1.0800121 01
5.0000001 01	1.2232449-01	1.0217958 01	1.0340282 01
5.5000001 01	1.9760809-01	9.3551401 00	9.5527481 00
5.6000001 01	2.5047464-01	9.0255852 00	9.2760598 00
5.6500002 01	3.1036425-01	8.6029586 00	9.1133228 00
5.7000002 01	5.7755271-01	8.5366789 00	9.1142316 00
5.7500002 01	2.5008296 00	8.4551724 00	1.0956002 01
5.8000001 01	1.2837007 01	9.9397050 00	2.2776712 01
5.8300002 01	2.9135619 01	1.2986790 01	4.2122409 01
5.8500001 01	4.6005094 01	1.6419691 01	6.2424785 01
5.8600001 01	5.6204756 01	1.8581037 01	7.4785793 01
5.8800000 01	7.9223249 01	2.3651942 01	1.0287519 02
5.8900001 01	9.1385559 01	2.6436960 01	1.1782252 02
5.9000000 01	1.0340238 02	2.9269410 01	1.3267179 02
5.9100001 01	1.1476147 02	3.2037900 01	1.4679937 02
5.9200001 01	1.2493325 02	3.4623550 01	1.5955680 02
5.9300001 01	1.3340796 02	3.6905809 01	1.7031377 02
5.9400001 01	1.3973985 02	3.8773710 01	1.7851356 02
5.9500001 01	1.5240302 02	4.4190100 01	1.9659312 02
5.9600001 01	1.5361881 02	4.5010540 01	1.9862935 02
5.9700001 01	1.5190109 02	4.5142601 01	1.9704369 02
5.9800001 01	1.4735847 02	4.4591129 01	1.9194960 02
5.9900000 01	1.4025736 02	4.3399330 01	1.8365669 02
6.0000001 01	1.3098722 02	4.1641380 01	1.7262860 02
6.0200000 01	1.0794606 02	3.6852660 01	1.4479872 02
6.0500001 01	7.0203666 01	2.8340439 01	9.8544105 01
6.0800000 01	3.8745698 01	2.0740131 01	5.9485829 01
6.1000001 01	2.3892738 01	1.6935104 01	4.0827842 01
6.1200002 01	1.3821152 01	1.4204564 01	2.8025716 01
6.1500002 01	5.5326913 00	1.1727322 01	1.7260014 01
6.1800002 01	2.1519680 00	1.0483626 01	1.2635594 01
6.2000001 01	1.2389934 00	1.0016427 01	1.1255420 01
6.2500002 01	6.0321212-01	9.3474704 00	9.9506826 00
6.3000001 01	5.5270320-01	8.8945848 00	9.4472880 00
6.4000001 01	6.5469149-01	8.0565650 00	8.7112564 00
6.5000001 01	9.0775823-01	7.0912619 00	7.9990201 00
6.5500002 01	1.1313512 00	6.5012175 00	7.6325686 00
6.6000001 01	1.4885344 00	5.8052123 00	7.2937467 00
6.6500002 01	2.2024878 00	5.0555823 00	7.2580700 00
6.7000001 01	4.6321786 00	5.1631215 00	9.7953000 00
6.7300000 01	9.4257220 00	7.6707858 00	1.7096508 01
6.7500001 01	1.6278597 01	1.2317983 01	2.8596580 01
6.7600000 01	2.1557065 01	1.6207655 01	3.7764720 01
6.7799999 01	3.7597248 01	2.8745054 01	6.6342301 01
6.8000001 01	6.3807518 01	5.0303673 01	1.1411119 02
6.8300000 01	1.2971108 02	1.0689265 02	2.3660373 02
6.8500001 01	1.9447003 02	1.6418973 02	3.5865976 02
6.8599999 01	2.3290341 02	1.9873302 02	4.3163643 02
6.8800001 01	3.1907215 02	2.7741459 02	5.9648674 02
6.9000001 01	4.1064039 02	3.6290838 02	7.7354876 02
6.9100000 01	4.5492053 02	4.0508684 02	8.6000737 02
6.9200001 01	4.9601341 02	4.4489958 02	9.4091300 02
6.9299999 01	5.3225036 02	4.8079504 02	1.0130454 03
6.9400001 01	5.6207190 02	5.1129368 02	1.0733656 03
6.9500001 01	5.8414400 02	5.3509390 02	1.1192379 03
6.9700001 01	6.0137172 02	5.5881517 02	1.1601869 03
6.9900001 01	5.8085300 02	5.4815770 02	1.1290107 03
7.0000001 01	5.5742535 02	5.3051974 02	1.0879451 03
7.0099999 01	5.2655889 02	5.0575021 02	1.0323091 03
7.0200001 01	4.8964445 02	4.7503499 02	9.6467945 02
7.0300001 01	4.4825530 02	4.3974913 02	8.8800443 02

TABLE VI (Continued)

T = 1.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
7.0400001 01	4.0404531 02	4.0136959 02	8.0541490 02
7.0500001 01	3.5863274 02	3.6136737 02	7.2000011 02
7.0700002 01	2.6997204 02	2.8185738 02	5.5182942 02
7.1000001 01	1.5792166 02	1.7877621 02	3.3669787 02
7.1500001 01	4.9653507 01	7.5048953 01	1.2470246 02
7.2000001 01	1.2798455 01	3.6734765 01	4.9533220 01
7.3000002 01	1.9466965 00	2.1896050 01	2.3842746 01
7.4000001 01	9.9744830-01	1.8816913 01	1.9814361 01
7.5000001 01	6.4374505-01	1.7199794 01	1.7843539 01
7.6000001 01	4.5865143-01	1.6165059 01	1.6623711 01
7.8000001 01	2.7771912-01	1.4897301 01	1.5175020 01
8.0000001 01	1.9468163-01	1.4135653 01	1.4330335 01
9.0000001 01	8.7065115-02	1.2464093 01	1.2551158 01
9.5000002 01	7.8570019-02	1.2000442 01	1.2079012 01
1.0000001 02	8.2442286-02	1.1548154 01	1.1630597 01
1.0500002 02	1.1268003-01	1.0944349 01	1.1057029 01
1.1000001 02	1.2789797 00	9.4581663 00	1.0737146 01
1.1050001 02	4.1908864 00	9.6285186 00	1.3819405 01
1.1100001 02	1.2932710 01	1.1126184 01	2.4058894 01
1.1150002 02	3.2844562 01	1.5549654 01	4.8394216 01
1.1200001 02	6.5864732 01	2.3958710 01	8.9823442 01
1.1260001 02	1.0936836 02	3.6669709 01	1.4603807 02
1.1280001 02	1.1950950 02	4.0182540 01	1.5969204 02
1.1300001 02	1.2544267 02	4.2731309 01	1.6817398 02
1.1315001 02	1.2670102 02	4.3851450 01	1.7055247 02
1.1330001 02	1.2511828 02	4.4225061 01	1.6934334 02
1.1340001 02	1.2253289 02	4.4053821 01	1.6658671 02
1.1350001 02	1.1880835 02	4.3556719 01	1.6236507 02
1.1370001 02	1.0841189 02	4.1673600 01	1.5008549 02
1.1380001 02	1.0203085 02	4.0350140 01	1.4238099 02
1.1390001 02	9.5082169 01	3.8823811 01	1.3390598 02
1.1400001 02	8.7739017 01	3.7137543 01	1.2487656 02
1.1450001 02	5.0741595 01	2.7817257 01	7.8558852 01
1.1500001 02	2.3204456 01	2.0004996 01	4.3209452 01
1.1550002 02	8.6205094 00	1.5264260 01	2.3884770 01
1.1600001 02	2.8464098 00	1.2898227 01	1.5744637 01
1.1650002 02	1.1007499 00	1.1730271 01	1.2831021 01
1.1700001 02	7.7915496-01	1.1015085 01	1.1794240 01
1.1750002 02	1.1866150 00	1.0512252 01	1.1698867 01
1.1800001 02	3.1426368 00	1.0513130 01	1.3655767 01
1.1850002 02	9.6075428 00	1.2252590 01	2.1860133 01
1.1900001 02	2.6251098 01	1.8357451 01	4.4608549 01
1.1950002 02	5.8751215 01	3.1907348 01	9.0658563 01
1.2000001 02	1.0496311 02	5.2931370 01	1.5789448 02
1.2010001 02	1.1464499 02	5.7576240 01	1.7222123 02
1.2020001 02	1.2405439 02	6.2188638 01	1.8624303 02
1.2030001 02	1.3298530 02	6.6675600 01	1.9966090 02
1.2050001 02	1.4858067 02	7.4884280 01	2.2346495 02
1.2080001 02	1.6354161 02	8.3914449 01	2.4745606 02
1.2100001 02	1.6635703 02	8.6904860 01	2.5326189 02
1.2120001 02	1.6300256 02	8.7124020 01	2.5012658 02
1.2150001 02	1.4741838 02	8.2436631 01	2.2985501 02
1.2170001 02	1.3161512 02	7.6548359 01	2.0816348 02
1.2180001 02	1.2265037 02	7.3002699 01	1.9565307 02
1.2190001 02	1.1325108 02	6.9174219 01	1.8242530 02
1.2200001 02	1.0362049 02	6.5153999 01	1.6877449 02
1.2250001 02	5.8023895 01	4.5018435 01	1.0304233 02
1.2300001 02	2.6126729 01	2.9751783 01	5.5878512 01
1.2350002 02	9.6865029 00	2.1102694 01	3.0789197 01
1.2400001 02	3.1671943 00	1.7105728 01	2.0272922 01
1.2450002 02	1.0980986 00	1.5398887 01	1.6496986 01
1.2500001 02	5.4143441-01	1.4581743 01	1.5123178 01

TABLE VI (Continued)

T = 1.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_n (barns)
1.2550002 02	4.3498503-01	1.4072873 01	1.4507858 01
1.2600001 02	5.9305677-01	1.3676675 01	1.4269732 01
1.2650002 02	1.3022864 00	1.3341058 01	1.4643345 01
1.2700001 02	3.3297817 00	1.3093407 01	1.6423189 01
1.2750001 02	7.8053901 00	1.3043813 01	2.0849203 01
1.2760001 02	9.0764747 00	1.3071874 01	2.2148349 01
1.2780001 02	1.2001092 01	1.3175861 01	2.5176953 01
1.2800001 02	1.5379707 01	1.3348550 01	2.8728257 01
1.2850001 02	2.4776972 01	1.4066811 01	3.8843783 01
1.2860001 02	2.6578907 01	1.4247544 01	4.0826451 01
1.2880001 02	2.9814612 01	1.4624121 01	4.4438733 01
1.2900001 02	3.2318238 01	1.4996369 01	4.7314607 01
1.2920001 02	3.3847539 01	1.5333347 01	4.9180886 01
1.2940001 02	3.4247197 01	1.5606019 01	4.9853216 01
1.2950001 02	3.4005566 01	1.5710787 01	4.9716353 01
1.2970001 02	3.2670153 01	1.5847086 01	4.8517239 01
1.2990001 02	3.0321736 01	1.5880035 01	4.6201771 01
1.3000001 02	2.8836926 01	1.5858316 01	4.4695242 01
1.3050001 02	1.9727715 01	1.5434571 01	3.5162286 01
1.3100001 02	1.0927778 01	1.4732735 01	2.5660513 01
1.3150002 02	4.9490353 00	1.4067021 01	1.9016056 01
1.3200002 02	1.8838180 00	1.3583244 01	1.5467062 01
1.3300002 02	2.5688428-01	1.3073696 01	1.3330580 01
1.3400002 02	1.1317718-01	1.2822558 01	1.2935735 01
1.3500001 02	9.2861039-02	1.2647002 01	1.2739863 01
1.3600002 02	8.3099232-02	1.2504762 01	1.2587861 01
1.3700002 02	7.6860431-02	1.2382254 01	1.2459115 01
1.3800000 02	7.2594613-02	1.2272768 01	1.2345363 01
1.3900002 02	6.9605295-02	1.2172292 01	1.2241897 01
1.4000001 02	6.7539696-02	1.2078118 01	1.2145658 01
1.4200002 02	6.6647855-02	1.1900548 01	1.1967195 01
1.4400002 02	2.1451367-01	1.1722068 01	1.1936582 01
1.4500001 02	6.3019287-01	1.1638080 01	1.2268273 01
1.4550002 02	8.8339674-01	1.1605590 01	1.2488986 01
1.4600001 02	1.0383761 00	1.1579850 01	1.2618226 01
1.4620001 02	1.0525261 00	1.1570464 01	1.2622990 01
1.4640001 02	1.0360109 00	1.1560965 01	1.2596976 01
1.4650001 02	1.0166588 00	1.1556035 01	1.2572694 01
1.4660001 02	9.9044526-01	1.1550919 01	1.2541365 01
1.4680001 02	9.1999532-01	1.1539947 01	1.2459942 01
1.4700001 02	8.3081326-01	1.1527781 01	1.2358594 01
1.4800002 02	3.4460463-01	1.1447683 01	1.1792288 01
1.4900000 02	1.1667629-01	1.1350251 01	1.1466928 01
1.4950002 02	8.5535392-02	1.1300592 01	1.1386127 01
1.5000001 02	7.6512582-02	1.1250618 01	1.1327130 01
1.5050002 02	7.8050194-02	1.1199610 01	1.1277660 01
1.5100002 02	9.1508906-02	1.1146656 01	1.1238165 01
1.5200002 02	2.4383176-01	1.1032030 01	1.1275862 01
1.5300001 02	8.6995140-01	1.0914384 01	1.1784335 01
1.5350001 02	1.3830819 00	1.0866254 01	1.2249336 01
1.5400001 02	1.8629653 00	1.0830920 01	1.2693885 01
1.5420001 02	1.9984752 00	1.0819821 01	1.2818297 01
1.5450001 02	2.1055014 00	1.0804670 01	1.2910171 01
1.5460001 02	2.1121944 00	1.0799620 01	1.2911814 01
1.5480001 02	2.0808144 00	1.0788896 01	1.2869710 01
1.5500001 02	1.9928854 00	1.0776663 01	1.2769548 01
1.5520001 02	1.8560428 00	1.0762223 01	1.2618265 01
1.5550002 02	1.5847459 00	1.0735384 01	1.2320130 01
1.5600001 02	1.0697830 00	1.0675752 01	1.1745535 01
1.5700002 02	3.4444105-01	1.0515805 01	1.0860246 01
1.5800002 02	1.4177612-01	1.0334837 01	1.0476613 01
1.5900002 02	1.2549160-01	1.0140674 01	1.0266165 01

TABLE VI (Continued)

T = 1.0 ev

E_n (ev)	σ_n (barns)	σ_S (barns)	σ_T (barns)
1.6000001 02	1.3914575-01	9.9232723 00	1.0062418 01
1.6500001 02	4.2325226-01	7.9325328 00	8.3557851 00
1.6600001 02	7.3698228-01	7.1728876 00	7.9098698 00
1.6700001 02	2.7214806 00	7.5736294 00	1.0295110 01
1.6800001 02	1.6577826 01	2.0637088 01	3.7214914 01
1.6850002 02	3.6762821 01	4.2734497 01	7.9497318 01
1.6900001 02	7.0928574 01	8.2339596 01	1.5326817 02
1.6920001 02	8.8381879 01	1.0321803 02	1.9159991 02
1.6940001 02	1.0737263 02	1.2635321 02	2.3372584 02
1.6960001 02	1.2713439 02	1.5089506 02	2.7802945 02
1.6980001 02	1.4667862 02	1.7569930 02	3.2237792 02
1.7000001 02	1.6486932 02	1.9940744 02	3.6427676 02
1.7020001 02	1.8052635 02	2.2056399 02	4.0109034 02
1.7050001 02	1.9690801 02	2.4449621 02	4.4140422 02
1.7080001 02	2.0245332 02	2.5588686 02	4.5834018 02
1.7100001 02	1.9958348 02	2.5558837 02	4.5517185 02
1.7130001 02	1.8600587 02	2.4359159 02	4.2959746 02
1.7150001 02	1.7178628 02	2.2891518 02	4.0070146 02
1.7160001 02	1.6349152 02	2.1997511 02	3.8346663 02
1.7180001 02	1.4524762 02	1.9971530 02	3.4496292 02
1.7200001 02	1.2577298 02	1.7744030 02	3.0321329 02
1.7250001 02	7.8586548 01	1.2141777 02	2.0000431 02
1.7300001 02	4.2174969 01	7.6220421 01	1.1839539 02
1.7350001 02	1.9707789 01	4.6975527 01	6.6683317 01
1.7400001 02	8.2715173 00	3.1088955 01	3.9360472 01
1.7500001 02	1.4795687 00	2.0000980 01	2.1480548 01
1.7600002 02	5.5925835-01	1.7315995 01	1.7875253 01
1.7800002 02	2.7129895-01	1.5323482 01	1.5594781 01
1.7900002 02	2.1692949-01	1.4742926 01	1.4959856 01
1.8000001 02	1.8207463-01	1.4286595 01	1.4468670 01
1.8200002 02	1.4397773-01	1.3584999 01	1.3728976 01
1.8300002 02	1.3487007-01	1.3293550 01	1.3428420 01
1.8500001 02	1.3231275-01	1.2754164 01	1.2886477 01
1.8600002 02	1.4065965-01	1.2478733 01	1.2619393 01
1.8700002 02	1.6181123-01	1.2174655 01	1.2336466 01
1.8800002 02	2.4319445-01	1.1813078 01	1.2056272 01
1.8900002 02	8.8950981-01	1.1434012 01	1.2323522 01
1.9000001 02	5.3017202 00	1.1766819 01	1.7068539 01
1.9100001 02	2.2218965 01	1.5483970 01	3.7702935 01
1.9200001 02	5.3374969 01	2.4499812 01	7.7874781 01
1.9210001 02	5.6420397 01	2.5517820 01	8.1938217 01
1.9220001 02	5.9289127 01	2.6512336 01	8.5801463 01
1.9230001 02	6.1938474 01	2.7470179 01	8.9408654 01
1.9240001 02	6.4324725 01	2.8377429 01	9.2702155 01
1.9250001 02	6.6411329 01	2.9221602 01	9.5632932 01
1.9270001 02	6.9548060 01	3.0671179 01	1.0021924 02
1.9280001 02	7.0545757 01	3.1255404 01	1.0180116 02
1.9290001 02	7.1137656 01	3.1733974 01	1.0287163 02
1.9300001 02	7.1313597 01	3.2100083 01	1.0341368 02
1.9320001 02	7.0415142 01	3.2478507 01	1.0289365 02
1.9350001 02	6.6121005 01	3.2153386 01	9.8274392 01
1.9370001 02	6.1584335 01	3.1382772 01	9.2967107 01
1.9380001 02	5.8920165 01	3.0852867 01	8.9773033 01
1.9390001 02	5.6047507 01	3.0239513 01	8.6287020 01
1.9400001 02	5.3009928 01	2.9553607 01	8.2563535 01
1.9450001 02	3.6871548 01	2.5449211 01	6.2320759 01
1.9500001 02	2.2455355 01	2.1224509 01	4.3679864 01
1.9550001 02	1.2340829 01	1.7819241 01	3.0160070 01
1.9600001 02	6.8321592 00	1.5536818 01	2.2368978 01
1.9620002 02	5.7488272 00	1.4921894 01	2.0670721 01
1.9650001 02	5.1530894 00	1.4282278 01	1.9435367 01
1.9670001 02	5.3910007 00	1.4030762 01	1.9421763 01

TABLE VI (Continued)

T = 1.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.9690001 02	6.1195016 00	1.3913656 01	2.0033157 01
1.9700001 02	6.6678463 00	1.3905382 01	2.0573228 01
1.9750002 02	1.1295330 01	1.4385317 01	2.5680647 01
1.9800001 02	1.9006993 01	1.5775748 01	3.4782741 01
1.9860001 02	3.0934487 01	1.8491467 01	4.9425954 01
1.9880001 02	3.4920249 01	1.9533152 01	5.4453401 01
1.9900001 02	3.8570827 01	2.0567918 01	5.9138745 01
1.9910001 02	4.0202596 01	2.1065859 01	6.1268454 01
1.9930001 02	4.2952015 01	2.1988444 01	6.4940459 01
1.9950001 02	4.4872037 01	2.2770189 01	6.7642227 01
1.9980001 02	4.5928395 01	2.3581855 01	6.9510250 01
2.0000001 02	4.5347313 01	2.3839140 01	6.9186453 01
2.0030001 02	4.2643207 01	2.3772728 01	6.6415935 01
2.0050001 02	3.9793235 01	2.3441820 01	6.3235056 01
2.0060001 02	3.8117522 01	2.3199610 01	6.1317132 01
2.0080001 02	3.4394528 01	2.2585567 01	5.6980095 01
2.0100001 02	3.0352271 01	2.1834458 01	5.2186729 01
2.0150001 02	2.0181130 01	1.9664806 01	3.9845936 01
2.0200001 02	1.1771110 01	1.7585077 01	2.9356187 01
2.0220001 02	9.1709204 00	1.6874489 01	2.6045409 01
2.0240001 02	7.0215045 00	1.6251471 01	2.3272976 01
2.0260001 02	5.2933354 00	1.5717666 01	2.1011001 01
2.0280001 02	3.9395945 00	1.5269106 01	1.9208701 01
2.0300001 02	2.9046160 00	1.4898014 01	1.7802630 01
2.0350001 02	1.3413489 00	1.4242455 01	1.5583804 01
2.0400001 02	6.5407110-01	1.3849671 01	1.4503742 01
2.0500001 02	2.2667790-01	1.3418577 01	1.3645255 01
2.0700002 02	9.2402002-02	1.2942505 01	1.3034907 01
2.0900002 02	7.9991542-02	1.2597019 01	1.2677010 01
2.1000001 02	7.9271093-02	1.2438875 01	1.2518146 01
2.1200002 02	8.4693748-02	1.2116819 01	1.2201512 01
2.1400002 02	1.0363393-01	1.1737819 01	1.1841453 01
2.1500001 02	1.2419198-01	1.1497163 01	1.1621355 01
2.1700002 02	4.3259025-01	1.0835844 01	1.1268434 01
2.1800002 02	2.2569312 00	1.0926811 01	1.3183742 01
2.1900002 02	1.1099609 01	1.4066356 01	2.5165965 01
2.2000001 02	3.5500974 01	2.5294041 01	6.0795015 01
2.2020001 02	4.2211281 01	2.8669789 01	7.0881070 01
2.2040001 02	4.9181471 01	3.2291200 01	8.1472671 01
2.2060001 02	5.6145668 01	3.6038127 01	9.2183795 01
2.2080001 02	6.2797576 01	3.9763523 01	1.0256110 02
2.2100001 02	6.8812228 01	4.3303202 01	1.1211543 02
2.2120001 02	7.3870694 01	4.6486986 01	1.2035768 02
2.2140001 02	7.7689356 01	4.9153994 01	1.2684335 02
2.2180001 02	8.0796450 01	5.2418360 01	1.3321481 02
2.2200001 02	7.9901267 01	5.2855222 01	1.3275649 02
2.2220001 02	7.7415038 01	5.2467592 01	1.2988263 02
2.2240001 02	7.3490041 01	5.1297759 01	1.2478780 02
2.2250001 02	7.1057491 01	5.0445119 01	1.2150261 02
2.2270001 02	6.5426345 01	4.8276765 01	1.1370311 02
2.2290001 02	5.9032457 01	4.5606833 01	1.0463929 02
2.2300001 02	5.5651074 01	4.4131533 01	9.9782607 01
2.2350000 02	3.8433806 01	3.6120993 01	7.4554798 01
2.2400001 02	2.3458900 01	2.8559743 01	5.2018643 01
2.2450000 02	1.2709798 01	2.2712092 01	3.5421890 01
2.2500001 02	6.1665032 00	1.8833734 01	2.5000237 01
2.2600002 02	1.1575067 00	1.5290402 01	1.6447908 01
2.2700002 02	2.6984898-01	1.4206150 01	1.4475999 01
2.2800002 02	1.3999064-01	1.3743881 01	1.3883871 01
2.2900002 02	1.0629584-01	1.3448287 01	1.3554583 01
2.3000001 02	8.8867557-02	1.3224640 01	1.3313508 01
2.3300002 02	6.5326643-02	1.2751972 01	1.2817298 01

TABLE VI (Continued)

T = 1.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.3500000 02	5.9457974-02	1.2512408 01	1.2571866 01
2.3700002 02	5.7396469-02	1.2294279 01	1.2351675 01
2.4000001 02	6.0093638-02	1.1964158 01	1.2024251 01
2.4200002 02	6.7029297-02	1.1712204 01	1.1779233 01
2.4400002 02	8.2461731-02	1.1395248 01	1.1477710 01
2.4500002 02	9.7390101-02	1.1190616 01	1.1288006 01
2.4600002 02	1.2938168-01	1.0933109 01	1.1062491 01
2.4700000 02	2.7466762-01	1.0622991 01	1.0897658 01
2.4800000 02	1.2193995 00	1.0531730 01	1.1751129 01
2.4900000 02	5.9023563 00	1.2199998 01	1.8102355 01
2.5000001 02	2.0379544 01	1.9391390 01	3.9770934 01
2.5050002 02	3.2261851 01	2.6000694 01	5.8262545 01
2.5100001 02	4.5684690 01	3.4021773 01	7.9706463 01
2.5110001 02	4.8320153 01	3.5675266 01	8.3995419 01
2.5120001 02	5.0877568 01	3.7310964 01	8.8188532 01
2.5140001 02	5.5646391 01	4.0463538 01	9.6109929 01
2.5150001 02	5.7803202 01	4.1947577 01	9.9750779 01
2.5180001 02	6.3053219 01	4.5835051 01	1.0888827 02
2.5200001 02	6.5321821 01	4.7811319 01	1.1313314 02
2.5220001 02	6.6459746 01	4.9185994 01	1.1564574 02
2.5230001 02	6.6583772 01	4.9627598 01	1.1621137 02
2.5250001 02	6.5933782 01	4.9997729 01	1.1593151 02
2.5280001 02	6.2812687 01	4.9276282 01	1.1208897 02
2.5300001 02	5.9462537 01	4.8000593 01	1.0746313 02
2.5320001 02	5.5290270 01	4.6176070 01	1.0146634 02
2.5340001 02	5.0499556 01	4.3904875 01	9.4404430 01
2.5350001 02	4.7940916 01	4.2638057 01	9.0578973 01
2.5400001 02	3.4588872 01	3.5597629 01	7.0186501 01
2.5450002 02	2.2368139 01	2.8630976 01	5.0999115 01
2.5500001 02	1.3004705 01	2.2914717 01	3.5919422 01
2.5600002 02	3.2947077 00	1.6275400 01	1.9570107 01
2.5700000 02	6.8825624-01	1.3880535 01	1.4568791 01
2.5800002 02	2.5130669-01	1.2977907 01	1.3229214 01
2.5850002 02	2.5411872-01	1.2686848 01	1.2940967 01
2.5900000 02	3.7544088-01	1.2443219 01	1.2818660 01
2.5950002 02	7.2738575-01	1.2264272 01	1.2991657 01
2.6000001 02	1.5611797 00	1.2225268 01	1.3786447 01
2.6030002 02	2.4617426 00	1.2328794 01	1.4790536 01
2.6050002 02	3.2996226 00	1.2478301 01	1.5777923 01
2.6070002 02	4.3712656 00	1.2710774 01	1.7082040 01
2.6100001 02	6.4975133 00	1.3252484 01	1.9749998 01
2.6150002 02	1.1656526 01	1.4800475 01	2.6457001 01
2.6200001 02	1.8879494 01	1.7272115 01	3.6151609 01
2.6250002 02	2.7502809 01	2.0550409 01	4.8053218 01
2.6300001 02	3.5976883 01	2.4150318 01	6.0127201 01
2.6320001 02	3.8864018 01	2.5511333 01	6.4375351 01
2.6340001 02	4.1261369 01	2.6744158 01	6.8005526 01
2.6350001 02	4.2239234 01	2.7295870 01	6.9535104 01
2.6380001 02	4.4152409 01	2.8622133 01	7.2774542 01
2.6400001 02	4.4501210 01	2.9186216 01	7.3687426 01
2.6420001 02	4.4084526 01	2.9466998 01	7.3551523 01
2.6450001 02	4.2080182 01	2.9343950 01	7.1424132 01
2.6460001 02	4.1076750 01	2.9162674 01	7.0239424 01
2.6480001 02	3.8639805 01	2.8607523 01	6.7247328 01
2.6500000 02	3.5728183 01	2.7824569 01	6.3552752 01
2.6550001 02	2.7256572 01	2.5164198 01	5.2420770 01
2.6600001 02	1.8703454 01	2.2107717 01	4.0811170 01
2.6700002 02	6.4675209 00	1.7093065 01	2.3560586 01
2.6800001 02	1.5529695 00	1.4585150 01	1.6138119 01
2.6900002 02	3.2743594-01	1.3630719 01	1.3958155 01
2.7000001 02	1.1713686-01	1.3224764 01	1.3341901 01
2.7100002 02	8.2796646-02	1.2975974 01	1.3058771 01

TABLE VI (Continued)

T = 1.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.7200000 02	7.2600242-02	1.2782644 01	1.2855244 01
2.7300002 02	6.7595365-02	1.2616574 01	1.2684169 01
2.7400002 02	6.5199190-02	1.2465492 01	1.2530691 01
2.7500001 02	6.4730449-02	1.2321718 01	1.2386449 01
2.7600002 02	6.6028917-02	1.2179255 01	1.2245284 01
2.7700000 02	6.9292250-02	1.2032424 01	1.2101716 01
2.7800002 02	7.5165518-02	1.1874675 01	1.1949840 01
2.7900000 02	8.5306317-02	1.1697090 01	1.1782396 01
2.8000001 02	1.0687490-01	1.1486307 01	1.1593182 01
2.8100002 02	1.9316073-01	1.1231100 01	1.1424260 01
2.8200002 02	6.9831013-01	1.1007149 01	1.1705459 01
2.8300002 02	3.1590255 00	1.1350953 01	1.4509979 01
2.8400002 02	1.1252386 01	1.3857775 01	2.5110161 01
2.8450002 02	1.8564507 01	1.6576313 01	3.5140820 01
2.8500001 02	2.7812383 01	2.0349389 01	4.8161772 01
2.8520001 02	3.1808114 01	2.2083550 01	5.3891664 01
2.8540001 02	3.5807933 01	2.3887797 01	5.9695730 01
2.8560001 02	3.9677493 01	2.5709662 01	6.5387155 01
2.8580001 02	4.3271926 01	2.7489292 01	7.0761218 01
2.8600001 02	4.6449218 01	2.9164087 01	7.5613304 01
2.8620001 02	4.9073373 01	3.0670630 01	7.9744003 01
2.8650001 02	5.1723332 01	3.2487710 01	8.4211041 01
2.8680001 02	5.2600149 01	3.3635093 01	8.6235242 01
2.8700000 02	5.2148145 01	3.3978821 01	8.6126966 01
2.8720001 02	5.0887195 01	3.3974141 01	8.4861336 01
2.8750001 02	4.7616999 01	3.3336209 01	8.0953208 01
2.8760001 02	4.6207698 01	3.2968357 01	7.9176055 01
2.8780001 02	4.3002090 01	3.2029441 01	7.5031531 01
2.8800001 02	3.9393942 01	3.0860176 01	7.0254118 01
2.8900001 02	2.0124212 01	2.3499394 01	4.3623606 01
2.8950002 02	1.2465619 01	2.0140388 01	3.2606007 01
2.9000001 02	7.0507765 00	1.7551706 01	2.4602482 01
2.9100000 02	1.7839334 00	1.4616652 01	1.6400585 01
2.9200002 02	4.0552781-01	1.3485714 01	1.3891242 01
2.9300002 02	1.4642417-01	1.3004658 01	1.3151082 01
2.9400002 02	9.9459931-02	1.2713117 01	1.2812577 01
2.9500001 02	8.5496423-02	1.2485084 01	1.2570580 01
2.9700000 02	7.7451207-02	1.2093682 01	1.2171133 01
2.9800000 02	7.9309195-02	1.1900986 01	1.1980295 01
2.9900002 02	8.6644977-02	1.1693210 01	1.1779855 01
3.0000001 02	1.1400246-01	1.1456126 01	1.1570128 01
3.0100002 02	2.6952740-01	1.1201343 01	1.1470870 01
3.0200002 02	1.1265860 00	1.1137644 01	1.2264230 01
3.0300002 02	4.5636765 00	1.2147177 01	1.6710853 01
3.0400002 02	1.3703484 01	1.6013004 01	2.9716488 01
3.0500001 02	2.8744494 01	2.3565889 01	5.2310383 01
3.0520001 02	3.1887392 01	2.5305820 01	5.7193212 01
3.0550001 02	3.6231168 01	2.7844250 01	6.4075418 01
3.0580001 02	3.9807829 01	3.0126602 01	6.9934431 01
3.0600001 02	4.1602701 01	3.1413134 01	7.3015836 01
3.0650001 02	4.3516159 01	3.3474026 01	7.6990186 01
3.0700001 02	4.1470577 01	3.3576227 01	7.5046803 01
3.0720001 02	3.9634604 01	3.3066675 01	7.2701280 01
3.0750001 02	3.6018011 01	3.1791034 01	6.7809045 01
3.0780001 02	3.1661075 01	3.0026837 01	6.1687912 01
3.0800001 02	2.8524057 01	2.8661864 01	5.7185921 01
3.0850002 02	2.0612807 01	2.4963489 01	4.5576296 01
3.0900000 02	1.3610767 01	2.1414317 01	3.5025084 01
3.0950002 02	8.2299775 00	1.8475926 01	2.6705904 01
3.1000001 02	4.5771367 00	1.6310256 01	2.0887393 01
3.1100002 02	1.1525886 00	1.3932863 01	1.5085452 01
3.1200001 02	2.8106557-01	1.3009675 01	1.3290740 01

TABLE VI (Continued)

T = 1.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
3.1400001 02	8.9711975-02	1.2312438 01	1.2402150 01
3.1500001 02	8.2253514-02	1.2085939 01	1.2168192 01
3.1600001 02	8.0038567-02	1.1880295 01	1.1960333 01
3.1800001 02	8.4032427-02	1.1483244 01	1.1567277 01
3.2000000 02	9.9168741-02	1.1049311 01	1.1148480 01
3.2200002 02	1.3456507-01	1.0500670 01	1.0635235 01
3.2500001 02	8.1342964-01	9.4866714 00	1.0300101 01
3.2600001 02	3.1669879 00	1.0697325 01	1.3864313 01
3.2800001 02	2.9353597 01	3.4738800 01	6.4092397 01
3.2900001 02	5.5939722 01	6.2986177 01	1.1892590 02
3.2910001 02	5.8566025 01	6.5957845 01	1.2452387 02
3.2930001 02	6.3539914 01	7.1716875 01	1.3525679 02
3.2950001 02	6.8000512 01	7.7078238 01	1.4507875 02
3.2980001 02	7.3379554 01	8.3984235 01	1.5736379 02
3.3000001 02	7.5888700 01	8.7593009 01	1.6348171 J2
3.3040001 02	7.7901378 01	9.1869802 01	1.6977118 02
3.3050001 02	7.7745168 01	9.2270021 01	1.7001519 02
3.3080001 02	7.5709796 01	9.1819783 01	1.6752958 02
3.3100000 02	7.3123926 01	9.0185483 01	1.6330941 02
3.3120001 02	6.9671312 01	8.7572848 01	1.5724416 02
3.3150001 02	6.3165775 01	8.2081294 01	1.4524707 02
3.3200001 02	5.0143490 01	7.0029939 01	1.2017343 02
3.3300001 02	2.4634613 01	4.4112418 01	6.8747031 01
3.3350002 02	1.5313036 01	3.3891374 01	4.9204410 01
3.3400001 02	8.8400234 00	2.6395014 01	3.5235037 01
3.3450002 02	4.7863904 00	2.1361898 01	2.6148288 01
3.3500001 02	2.4792563 00	1.8199688 01	2.0678944 01
3.3550002 02	1.2769063 00	1.6281413 01	1.7558319 01
3.3600002 02	7.0076254-01	1.5106812 01	1.5807574 01
3.3700002 02	3.8207095-01	1.3795586 01	1.4177657 01
3.3800002 02	6.9112022-01	1.3102026 01	1.3793146 01
3.3900002 02	2.4098474 00	1.3344980 01	1.5754828 01
3.4000001 02	7.9286439 00	1.6290244 01	2.4218888 01
3.4100002 02	1.9787554 01	2.4335349 01	4.4122903 01
3.4200001 02	3.5817411 01	3.6845135 01	7.2662546 01
3.4220001 02	3.8766036 01	3.9380129 01	7.8146165 01
3.4250001 02	4.2577206 01	4.2860254 01	8.5437459 01
3.4280001 02	4.5384615 01	4.5726401 01	9.1111017 u1
3.4300001 02	4.6578375 01	4.7186559 01	9.3764934 01
3.4330000 02	4.7237516 01	4.8577152 01	9.5814668 01
3.4350001 02	4.6896378 01	4.8927229 01	9.5823607 01
3.4380001 02	4.5249879 01	4.8572136 01	9.3822015 01
3.4400001 02	4.3459955 01	4.7774020 01	9.1233974 01
3.4420001 02	4.1192285 01	4.6567601 01	8.7759886 01
3.4450001 02	3.7082284 01	4.4110276 01	8.1192560 01
3.4500001 02	2.9146208 01	3.8841499 01	6.7987707 01
3.4700002 02	5.0221640 00	2.0016418 01	2.5038582 01
3.5000001 02	1.4393860-01	1.4291799 01	1.4435737 01
3.5300002 02	7.9410831-02	1.3343671 01	1.3423082 01
3.5500001 02	7.5542989-02	1.2873812 01	1.2949355 01
3.5700002 02	8.1486150-02	1.2400338 01	1.2481824 01
3.6000001 02	1.6570323-01	1.1492292 01	1.1657995 01
3.6200001 02	1.6675175 00	1.1486482 01	1.3154000 01
3.6250002 02	3.1690874 00	1.2297094 01	1.5466181 01
3.6300002 02	5.7141879 00	1.3964627 01	1.9678815 01
3.6350002 02	9.6529007 00	1.6848275 01	2.6501176 01
3.6400001 02	1.5183576 01	2.1212879 01	3.6396455 01
3.6500001 02	3.0036846 01	3.3988905 01	6.4025750 01
3.6550001 02	3.7743840 01	4.1153662 01	7.8897502 01
3.6580001 02	4.1780670 01	4.5102635 01	8.6883305 01
3.6600001 02	4.4070124 01	4.7434958 01	9.1505081 01
3.6620001 02	4.5966809 01	4.9449233 01	9.5416043 01

TABLE VI (Continued)

T = 1.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
3.6650001 02	4.7987049 01	5.1761357 01	9.9748406 01
3.6670001 02	4.8758404 01	5.2780936 01	1.0153934 02
3.6700001 02	4.9072619 01	5.3496960 01	1.0256958 02
3.6720001 02	4.8774694 01	5.3453136 01	1.0222783 02
3.6750001 02	4.7714515 01	5.2694605 01	1.0040912 02
3.6800001 02	4.4985471 01	5.0088146 01	9.5073617 01
3.6850002 02	4.2213253 01	4.6805212 01	8.9018465 01
3.6900001 02	4.0431411 01	4.3924299 01	8.4355709 01
3.6950002 02	3.9966133 01	4.2079337 01	8.204571 01
3.7000001 02	4.0351695 01	4.1286125 01	8.1637820 01
3.7020001 02	4.0530123 01	4.1162315 01	8.1692438 01
3.7040001 02	4.0613676 01	4.1081410 01	8.1695085 01
3.7050001 02	4.0597747 01	4.1041466 01	8.1639213 01
3.7080001 02	4.0230214 01	4.0853685 01	8.1083899 01
3.7100001 02	3.9656952 01	4.0617060 01	8.0274012 01
3.7120001 02	3.8782240 01	4.0249602 01	7.9031843 01
3.7150000 02	3.6882129 01	3.9403181 01	7.6285310 01
3.7180001 02	3.4306313 01	3.8172342 01	7.2478655 01
3.7200001 02	3.2263423 01	3.7144297 01	6.9407720 01
3.7300001 02	2.0059595 01	3.0329235 01	5.0388830 01
3.7400001 02	9.3417585 00	2.3470959 01	3.2812718 01
3.7450002 02	5.7310635 00	2.0886884 01	2.6617947 01
3.7500001 02	3.2911089 00	1.8975609 01	2.2266718 01
3.7600002 02	9.2975503-01	1.6764337 01	1.7694092 01
3.7700002 02	2.6058219-01	1.5789759 01	1.6050341 01
3.7800002 02	1.1067935-01	1.5301635 01	1.5412314 01
3.7900002 02	7.6364796-02	1.4988834 01	1.5065199 01
3.8000001 02	6.3682456-02	1.4752493 01	1.4816176 01
3.8500001 02	4.1004098-02	1.4023231 01	1.4064235 01
3.9000000 02	3.5008471-02	1.3579133 01	1.3614141 01
3.9500001 02	4.2008430-02	1.3167680 01	1.3209688 01
3.9600002 02	6.4765721-02	1.3062543 01	1.3127309 01
3.9700002 02	1.7918664-01	1.2945621 01	1.3124808 01
3.9800002 02	6.4983871-01	1.2855509 01	1.3505348 01
3.9900002 02	2.0978626 00	1.2931700 01	1.5029563 01
4.0000001 02	5.3008111 00	1.3431658 01	1.8732469 01
4.0100000 02	1.0165023 01	1.4527193 01	2.4692216 01
4.0200002 02	1.4685277 01	1.5932568 01	3.0617845 01
4.0220001 02	1.5273262 01	1.6186395 01	3.1459657 01
4.0250001 02	1.5860381 01	1.6518833 01	3.2379214 01
4.0280001 02	1.6056264 01	1.6776312 01	3.2832576 01
4.0300001 02	1.5957824 01	1.6898230 01	3.2856054 01
4.0320001 02	1.5678843 01	1.6976797 01	3.2655640 01
4.0350001 02	1.4946633 01	1.7011384 01	3.1958017 01
4.0380001 02	1.3891777 01	1.6949934 01	3.0841711 01
4.0400001 02	1.3045854 01	1.6860209 01	2.9906063 01
4.0500001 02	8.0459467 00	1.6002521 01	2.4048468 01
4.0600002 02	3.7613481 00	1.4965267 01	1.8726615 01
4.0700002 02	1.3522423 00	1.4203375 01	1.5555617 01
4.0800002 02	3.9663269-01	1.3774864 01	1.4171497 01
4.0900002 02	1.2641285-01	1.3552934 01	1.3679347 01
4.1000001 02	9.0595207-02	1.3424703 01	1.3515298 01
4.1050002 02	1.0508042-01	1.3377221 01	1.3482301 01
4.1100002 02	1.3031323-01	1.3336467 01	1.3466780 01
4.1150002 02	1.6135303-01	1.3300937 01	1.3462290 01
4.1200000 02	1.9310602-01	1.3269738 01	1.3462844 01
4.1250001 02	2.2003810-01	1.3242186 01	1.3462224 01
4.1300001 02	2.3697484-01	1.3217581 01	1.3454556 01
4.1340001 02	2.4085977-01	1.3199493 01	1.3440353 01
4.1350001 02	2.4037054-01	1.3195137 01	1.3435508 01
4.1380001 02	2.3544132-01	1.3182371 01	1.3417812 01
4.1400001 02	2.2940085-01	1.3174046 01	1.3403447 01

TABLE VI (Continued)

T = 1.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
4.1500001 02	1.7482816-01	1.3133239 01	1.3308067 01
4.1700002 02	6.0399522-02	1.3050845 01	1.3111244 01
4.1800002 02	3.6222002-02	1.3011094 01	1.3047316 01
4.1900002 02	2.7297604-02	1.2973564 01	1.3000861 01
4.2000001 02	2.4685815-02	1.2938092 01	1.2962778 01
4.3000001 02	2.2914808-02	1.2628852 01	1.2651767 01
4.4000001 02	2.4342738-02	1.2304378 01	1.2328721 01
4.5000001 02	3.3514919-02	1.1798096 01	1.1831611 01
4.5100002 02	3.9279449-02	1.1719608 01	1.1758887 01
4.5300002 02	8.4951990-02	1.1529773 01	1.1614725 01
4.5500001 02	2.0131030-01	1.1279048 01	1.1480359 01
4.5600000 02	2.4952675-01	1.1118458 01	1.1367985 01
4.5650001 02	2.6140665-01	1.1025499 01	1.1286906 01
4.5680001 02	2.6610944-01	1.0965449 01	1.1231558 01
4.5700001 02	2.6919297-01	1.0923922 01	1.1193115 01
4.5800001 02	3.1684506-01	1.0717731 01	1.1034576 01
4.6000001 02	1.8736345 00	1.1451214 01	1.3324849 01
4.6100001 02	5.3213406 00	1.4497890 01	1.9819231 01
4.6200001 02	1.2373046 01	2.1712330 01	3.4085376 01
4.6300001 02	2.2745268 01	3.3441753 01	5.6187021 01
4.6400001 02	3.2785070 01	4.6163804 01	7.8948874 01
4.6400001 02	3.2785070 01	4.6163804 01	7.8948874 01
4.6420001 02	3.4250316 01	4.8263149 01	8.2513465 01
4.6450001 02	3.5905739 01	5.0880242 01	8.6785980 01
4.6480000 02	3.6818573 01	5.2729095 01	8.9547669 01
4.6500001 02	3.6983544 01	5.3482705 01	9.0466249 01
4.6520001 02	3.6787095 01	5.3832671 01	9.0619766 01
4.6550001 02	3.5830006 01	5.3593406 01	8.9423412 01
4.6580001 02	3.4137644 01	5.2472206 01	8.6609850 01
4.6600001 02	3.2653442 01	5.1278162 01	8.3931604 01
4.6700001 02	2.2598084 01	4.1566505 01	6.4164589 01
4.6800001 02	1.2298941 01	3.0226731 01	4.2525672 01
4.6900002 02	5.3065404 00	2.1765977 01	2.7072517 01
4.7000001 02	1.8567408 00	1.7090096 01	1.8946837 01
4.7100002 02	5.6685808-01	1.4978049 01	1.5544907 01
4.7200002 02	1.8702101-01	1.4076261 01	1.4263282 01
4.7300002 02	9.1902336-02	1.3628338 01	1.3720240 01
4.7500001 02	5.8373485-02	1.3111677 01	1.3170051 01
4.7800002 02	5.1273572-02	1.2564552 01	1.2615825 01
4.8000001 02	5.4853883-02	1.2214073 01	1.2268927 01
4.8200002 02	7.0202975-02	1.1801022 01	1.1871225 01
4.8400002 02	2.1513128-01	1.1317284 01	1.1532415 01
4.8500001 02	6.5614304-01	1.1331138 01	1.1987281 01
4.8600001 02	2.0780780 00	1.2350925 01	1.4429003 01
4.8700001 02	5.6907942 00	1.5944208 01	2.1635002 01
4.8800001 02	1.2679629 01	2.3949893 01	3.6629522 01
4.8900001 02	2.2567065 01	3.6447724 01	5.9014789 01
4.9000001 02	3.1898299 01	4.9672261 01	8.1570559 01
4.9020001 02	3.3246375 01	5.1837387 01	8.5083762 01
4.9050001 02	3.4764555 01	5.4534062 01	8.9298618 01
4.9080001 02	3.5600394 01	5.6445276 01	9.2045670 01
4.9100001 02	3.5751606 01	5.7232120 01	9.2983727 01
4.9120001 02	3.5571367 01	5.7607767 01	9.3179135 01
4.9150001 02	3.4694603 01	5.7394701 01	9.2089304 01
4.9180001 02	3.3141673 01	5.6282172 01	8.9423845 01
4.9200001 02	3.1775725 01	5.5081135 01	8.6856860 01
4.9300001 02	2.2425131 01	4.5141260 01	6.7566391 01
4.9400001 02	1.2603645 01	3.3215838 01	4.5819483 01
4.9500001 02	5.6802477 00	2.3997614 01	2.9677862 01
4.9800002 02	2.1625855-01	1.5127097 01	1.5343355 01
5.0000001 02	6.4075868-02	1.4318520 01	1.4382595 01
5.0200002 02	4.6062627-02	1.3925019 01	1.3971081 01

TABLE VI (Continued)

T = 1.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
5.0300002 02	4.1991391-02	1.3776931 01	1.3818922 01
5.0500001 02	4.1082592-02	1.3528114 01	1.3569197 01
5.0700002 02	1.2132216-01	1.3305133 01	1.3426455 01
5.0800002 02	3.2953723-01	1.3199745 01	1.3529282 01
5.0900002 02	8.4358207-01	1.3116974 01	1.3960556 01
5.1000001 02	1.8099781 00	1.3093406 01	1.4903384 01
5.1100001 02	3.1468748 00	1.3165156 01	1.6312031 01
5.1200001 02	4.3896069 00	1.3324835 01	1.7714442 01
5.1219999 02	4.5637976 00	1.3360786 01	1.7924584 01
5.1250001 02	4.7678090 00	1.3416386 01	1.8184195 01
5.1280000 02	4.8769398 00	1.3468428 01	1.8345368 01
5.1300001 02	4.8959884 00	1.3498515 01	1.8394504 01
5.1320000 02	4.8639616 00	1.3525375 01	1.8389336 01
5.1350001 02	4.7530356 00	1.3558781 01	1.8311816 01
5.1380001 02	4.5524502 00	1.3581457 01	1.8133908 01
5.1400001 02	4.3643653 00	1.3588700 01	1.7953065 01
5.1500000 02	3.1214185 00	1.3549264 01	1.6670683 01
5.1600001 02	1.7990867 00	1.3410368 01	1.5209455 01
5.1700002 02	8.3885353-01	1.3240371 01	1.4079225 01
5.1800002 02	3.2816578-01	1.3089164 01	1.3417330 01
5.1900001 02	1.1912224-01	1.2968363 01	1.3087485 01
5.2000001 02	5.2296566-02	1.2869683 01	1.2921980 01
5.2200002 02	3.4400095-02	1.2691974 01	1.2726374 01
5.2300001 02	4.1450993-02	1.2596513 01	1.2637964 01
5.2500001 02	2.0425879-01	1.2386992 01	1.2591250 01
5.2600000 02	6.3929644-01	1.2343952 01	1.2983249 01
5.2700001 02	1.8001564 00	1.2519604 01	1.4319761 01
5.2800002 02	4.2145563 00	1.3171376 01	1.7385932 01
5.2900002 02	8.0209898 00	1.4497385 01	2.2518375 01
5.3000001 02	1.2326262 01	1.6334926 01	2.8661188 01
5.3020001 02	1.3094851 01	1.6714784 01	2.9809635 01
5.3050001 02	1.4099984 01	1.7255892 01	3.1355876 01
5.3080000 02	1.4888037 01	1.7744344 01	3.2632381 01
5.3100001 02	1.5268997 01	1.8029530 01	3.3298527 01
5.3150001 02	1.5676786 01	1.8563953 01	3.4240739 01
5.3200001 02	1.5242427 01	1.8799875 01	3.4032302 01
5.3220001 02	1.4850459 01	1.8789290 01	3.3639749 01
5.3250001 02	1.4045740 01	1.8692112 01	3.2737852 01
5.3300001 02	1.2270081 01	1.8308349 01	3.0578430 01
5.3400001 02	7.9735601 00	1.6984170 01	2.4957730 01
5.3500001 02	4.1969404 00	1.5526296 01	1.9723236 01
5.3600002 02	1.8099236 00	1.4415516 01	1.6225439 01
5.3700000 02	6.7624096-01	1.3741265 01	1.4417506 01
5.3800001 02	3.0437361-01	1.3376120 01	1.3680494 01
5.3900002 02	3.2454051-01	1.3175024 01	1.3499564 01
5.4000001 02	5.6544850-01	1.3054526 01	1.3619975 01
5.4100001 02	9.2513939-01	1.2984992 01	1.3910131 01
5.4200001 02	1.2514413 00	1.2954066 01	1.4205507 01
5.4300001 02	1.3895448 00	1.2947257 01	1.4336802 01
5.4400001 02	1.2489674 00	1.2941849 01	1.4190816 01
5.4500001 02	9.1105605-01	1.2918252 01	1.3829308 01
5.4600002 02	5.4556836-01	1.2873627 01	1.3419195 01
5.4700002 02	2.7300115-01	1.2817164 01	1.3090165 01
5.4800000 02	1.2022737-01	1.2759500 01	1.2879727 01
5.4900001 02	5.3707936-02	1.2706312 01	1.2760020 01
5.5000001 02	3.0712629-02	1.2658298 01	1.2689011 01
5.5500002 02	2.2577778-02	1.2446923 01	1.2469501 01
5.6000001 02	2.5708950-02	1.2204279 01	1.2229988 01
5.6500001 02	7.3100127-02	1.1781875 01	1.1854975 01
5.6600001 02	1.9184853-01	1.1676164 01	1.1868012 01
5.6700001 02	5.8593606-01	1.1669427 01	1.2255363 01
5.6800001 02	1.6631481 00	1.2004382 01	1.3667530 01

TABLE VI (Continued)

T = 1.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
5.6900002 02	4.0193579 00	1.3101609 01	1.7120967 01
5.7000000 02	8.0480237 00	1.5366030 01	2.3414054 01
5.7100001 02	1.3238281 01	1.8720650 01	3.1958931 01
5.7200001 02	1.7840729 01	2.2235400 01	4.0076129 01
5.7220000 02	1.8488804 01	2.2827929 01	4.1316733 01
5.7250001 02	1.9212525 01	2.3588808 01	4.2801333 01
5.7300001 02	1.9686135 01	2.4445847 01	4.4131982 01
5.7350001 02	1.9186859 01	2.4704822 01	4.3891681 01
5.7379999 02	1.8448144 01	2.4565097 01	4.3013241 01
5.7400001 02	1.7795887 01	2.4356675 01	4.2152562 01
5.7500001 02	1.3218861 01	2.2210344 01	3.5429205 01
5.7600001 02	8.1637779 00	1.9208608 01	2.7372386 01
5.7700002 02	4.4041793 00	1.6551102 01	2.0955281 01
5.7750000 02	3.2177747 00	1.5548543 01	1.8766318 01
5.7800001 02	2.4643512 00	1.4780519 01	1.7244870 01
5.7850001 02	2.0522021 00	1.4220963 01	1.6273165 01
5.7900001 02	1.8923586 00	1.3830848 01	1.5723207 01
5.8000001 02	1.9436311 00	1.3403285 01	1.5346916 01
5.8050001 02	1.9938402 00	1.3295577 01	1.5289417 01
5.8100000 02	2.0050449 00	1.3226674 01	1.5231719 01
5.8150001 02	1.9344655 00	1.3179163 01	1.5113628 01
5.8200001 02	1.7804180 00	1.3139168 01	1.4919586 01
5.8300002 02	1.3287554 00	1.3059693 01	1.4388448 01
5.8400002 02	8.1665529-01	1.2966543 01	1.3783198 01
5.8500001 02	4.2358288-01	1.2864716 01	1.3288299 01
5.8600001 02	1.9097221-01	1.2767405 01	1.2958377 01
5.8700002 02	8.2469883-02	1.2680495 01	1.2762965 01
5.8800002 02	4.2238302-02	1.2603978 01	1.2646217 01
5.8900001 02	2.9928300-02	1.2534439 01	1.2564367 01
5.9000001 02	2.6941788-02	1.2468202 01	1.2495144 01
5.9200002 02	2.9235487-02	1.2333089 01	1.2362324 01
5.9300001 02	3.9076745-02	1.2258339 01	1.2297415 01
5.9400002 02	7.8152198-02	1.2176981 01	1.2255133 01
5.9500001 02	2.1391852-01	1.2097978 01	1.2311896 01
5.9600001 02	6.0610464-01	1.2057358 01	1.2663462 01
5.9700001 02	1.5249181 00	1.2137555 01	1.3662473 01
5.9800002 02	3.2385084 00	1.2457645 01	1.5696153 01
5.9900002 02	5.7198096 00	1.3097524 01	1.8817334 01
6.0000001 02	8.3679325 00	1.3978897 01	2.2346829 01
6.0050001 02	9.4259473 00	1.4426843 01	2.3852790 01
6.0100001 02	1.0119605 01	1.4816695 01	2.4936300 01
6.0150001 02	1.0353319 01	1.5105139 01	2.5458458 01
6.0200001 02	1.0094186 01	1.5261532 01	2.5355718 01
6.0250001 02	9.3862635 00	1.5275871 01	2.4662135 01
6.0300001 02	8.3284723 00	1.5155898 01	2.3484371 01
6.0500001 02	3.2211930 00	1.3928166 01	1.7149359 01
6.0600002 02	1.5240118 00	1.3335881 01	1.4859893 01
6.0700001 02	6.0943299-01	1.2927068 01	1.3536501 01
6.0800001 02	2.1725600-01	1.2678460 01	1.2895716 01
6.0900002 02	7.9450967-02	1.2528021 01	1.2607472 01
6.1000001 02	3.9173988-02	1.2427104 01	1.2466278 01
6.1200002 02	2.7498657-02	1.2279216 01	1.2306715 01
6.1300002 02	3.2083574-02	1.2212901 01	1.2244985 01
6.1400002 02	5.3467491-02	1.2145777 01	1.2199244 01
6.1500001 02	1.2674945-01	1.2076980 01	1.2203729 01
6.1600002 02	3.3183050-01	1.2012738 01	1.2344568 01
6.1700002 02	7.9827384-01	1.1972981 01	1.2771255 01
6.1800001 02	1.6471591 00	1.1992478 01	1.3639637 01
6.1900001 02	2.8524913 00	1.2104515 01	1.4957006 01
6.2000001 02	4.1174090 00	1.2307474 01	1.6424883 01
6.2050001 02	4.6350018 00	1.2428099 01	1.7063101 01
6.2070001 02	4.7806027 00	1.2473468 01	1.7254071 01

TABLE VI (Continued)

T = 1.0 ev

E_n (ev)	σ_y (barns)	σ_B (barns)	σ_T (barns)
6.2100001 02	4.9454014 00	1.2542262 01	1.7487663 01
6.2150000 02	5.0718773 00	1.2641529 01	1.7713406 01
6.2179999 02	5.0115252 00	1.2687130 01	1.7698655 01
6.2200001 02	4.9426544 00	1.2713991 01	1.7656645 01
6.2250001 02	4.6110484 00	1.2749143 01	1.7360191 01
6.2300002 02	4.1123599 00	1.2751787 01	1.6864147 01
6.2400002 02	2.8469202 00	1.2655007 01	1.5501927 01
6.2500001 02	1.6416403 00	1.2483643 01	1.4125283 01
6.2600001 02	7.9700548-01	1.2306314 01	1.3103319 01
6.2700002 02	3.3394937-01	1.2160378 01	1.2494328 01
6.2800002 02	1.2775641-01	1.2051908 01	1.2179665 01
6.2900000 02	5.2988116-02	1.1971478 01	1.2024466 01
6.3000001 02	3.0453413-02	1.1907318 01	1.1937771 01
6.3500002 02	2.2543466-02	1.1653018 01	1.1675561 01
6.4000000 02	2.3951560-02	1.1395120 01	1.1419072 01
6.5000001 02	3.9674281-02	1.0591004 01	1.0630678 01
6.5100000 02	5.0033141-02	1.0455203 01	1.0505236 01
6.5200001 02	8.2897386-02	1.0305534 01	1.0388431 01
6.5300002 02	1.9328853-01	1.0169220 01	1.0362509 01
6.5500001 02	1.3917833 00	1.0455230 01	1.1847013 01
6.5600001 02	3.2316474 00	1.1496561 01	1.4728209 01
6.5700001 02	6.4096326 00	1.3668150 01	2.0077783 01
6.5800001 02	1.0747225 01	1.7018521 01	2.7765745 01
6.5900001 02	1.5176426 01	2.0866663 01	3.6043089 01
6.5919999 02	1.5927977 01	2.1584727 01	3.7512704 01
6.5950001 02	1.6903329 01	2.2570902 01	3.9474231 01
6.6000001 02	1.8033505 01	2.3885259 01	4.1918764 01
6.6050001 02	1.8428964 01	2.4659751 01	4.3088714 01
6.6100001 02	1.8047809 01	2.4812500 01	4.2860309 01
6.6150001 02	1.6955232 01	2.4343092 01	4.1298324 01
6.6200000 02	1.5306109 01	2.3326973 01	3.8633082 01
6.6300001 02	1.1258999 01	2.0257877 01	3.1516876 01
6.6400001 02	7.8249556 00	1.7006249 01	2.4831205 01
6.6500001 02	6.3401086 00	1.4711059 01	2.1051168 01
6.6600001 02	7.0598012 00	1.3808362 01	2.0868163 01
6.6700001 02	9.2185185 00	1.4059104 01	2.3277623 01
6.6800001 02	1.1423940 01	1.4797272 01	2.6221212 01
6.6820001 02	1.1743544 01	1.4935910 01	2.6679454 01
6.6850001 02	1.2092989 01	1.5104204 01	2.7197193 01
6.6900001 02	1.2315344 01	1.5260017 01	2.7575361 01
6.6950001 02	1.2029632 01	1.5212329 01	2.7241961 01
6.6980000 02	1.1633277 01	1.5080523 01	2.6713800 01
6.7000001 02	1.1293256 01	1.4955290 01	2.6248546 01
6.7100001 02	8.8156464 00	1.3917022 01	2.2732668 01
6.7200001 02	6.0295505 00	1.2746630 01	1.8776180 01
6.7300000 02	4.1270034 00	1.2587788 01	1.6714792 01
6.7350001 02	3.7951482 00	1.3414254 01	1.7209402 01
6.7400001 02	3.9956857 00	1.5214324 01	1.9210010 01
6.7450002 02	4.7891199 00	1.8298246 01	2.3087366 01
6.7500001 02	6.2263274 00	2.2968008 01	2.9194335 01
6.7600001 02	1.1033243 01	3.7814790 01	4.8848032 01
6.7700001 02	1.7802252 01	5.9272811 01	7.7075063 01
6.7800001 02	2.4692749 01	8.2616331 01	1.0730908 02
6.7820000 02	2.5854694 01	8.6821576 01	1.1267627 02
6.7850001 02	2.7361403 01	9.2511907 01	1.1987331 02
6.7900001 02	2.9093089 01	9.9824042 01	1.2891713 02
6.7950001 02	2.9679487 01	1.0376149 02	1.3344098 02
6.8000001 02	2.9048665 01	1.0392425 02	1.3297291 02
6.8050001 02	2.7279579 01	1.0037931 02	1.2765889 02
6.8100001 02	2.4583110 01	9.3630469 01	1.1821358 02
6.8200001 02	1.7660108 01	7.4059664 01	9.1719772 01
6.8300001 02	1.0819867 01	5.2960835 01	6.3780702 01

TABLE VI (Continued)

T = 1.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.8400000 02	5.7571397 00	3.6071466 01	4.1828606 01
6.8500001 02	2.9196138 00	2.5250094 01	2.8169708 01
6.8550002 02	2.2597455 00	2.1892122 01	2.4151867 01
6.8600001 02	2.0448341 00	1.9636545 01	2.1681379 01
6.8650002 02	2.2460553 00	1.8293389 01	2.0539444 01
6.8700002 02	2.8534264 00	1.7716162 01	2.0569588 01
6.8750002 02	3.8676048 00	1.7805228 01	2.1672833 01
6.8800001 02	5.2852082 00	1.8494636 01	2.3779844 01
6.8900001 02	9.1832555 00	2.1435181 01	3.0618436 01
6.9000001 02	1.3784585 01	2.5773321 01	3.9557906 01
6.9100001 02	1.7609979 01	3.0077480 01	4.7687459 01
6.9120001 02	1.8134374 01	3.0776938 01	4.8911313 01
6.9150000 02	1.8717208 01	3.1661252 01	5.0378460 01
6.9200001 02	1.9089704 01	3.2610894 01	5.1700597 01
6.9250001 02	1.8684280 01	3.2822826 01	5.1507106 01
6.9280000 02	1.8085014 01	3.2586632 01	5.0671646 01
6.9300001 02	1.7550193 01	3.2283046 01	4.9833239 01
6.9400001 02	1.3691199 01	2.9331891 01	4.3023090 01
6.9500000 02	9.0790426 00	2.5068666 01	3.4147709 01
6.9600001 02	5.1451105 00	2.0955257 01	2.6100367 01
6.9700002 02	2.5545557 00	1.7846981 01	2.0401537 01
6.9800002 02	1.2769229 00	1.5878810 01	1.7155733 01
6.9900001 02	1.0420987 00	1.4813919 01	1.5856018 01
7.0000001 02	1.7029638 00	1.4417606 01	1.6120569 01
7.0100002 02	3.2766489 00	1.4606989 01	1.7883638 01
7.0200001 02	5.7000620 00	1.5369214 01	2.1069276 01
7.0300001 02	8.5214413 00	1.6571165 01	2.5092607 01
7.0400001 02	1.0852082 01	1.7843859 01	2.8695941 01
7.0450001 02	1.1524128 01	1.8346348 01	2.9870476 01
7.0500001 02	1.1751209 01	1.8680464 01	3.0431673 01
7.0550001 02	1.1505142 01	1.8807035 01	3.0312177 01
7.0600000 02	1.0816210 01	1.8713230 01	2.9529439 01
7.0700001 02	8.4713631 00	1.7941532 01	2.6412895 01
7.0800001 02	5.6635495 00	1.6696612 01	2.2360162 01
7.0900001 02	3.2722673 00	1.5401426 01	1.8673694 01
7.1000001 02	1.7477626 00	1.4355168 01	1.6102931 01
7.1100001 02	1.1734300 00	1.3698066 01	1.4871496 01
7.1200001 02	1.5420358 00	1.3518718 01	1.5060754 01
7.1300001 02	2.9284181 00	1.3955617 01	1.6884035 01
7.1400001 02	5.3883043 00	1.5162102 01	2.0550406 01
7.1500001 02	8.6487670 00	1.7112401 01	2.5761168 01
7.1600001 02	1.1873473 01	1.9393934 01	3.1267407 01
7.1620001 02	1.2413650 01	1.9828260 01	3.2241910 01
7.1650001 02	1.3110003 01	2.0433511 01	3.3543514 01
7.1679999 02	1.3652382 01	2.0965927 01	3.4618309 01
7.1700001 02	1.3912032 01	2.1268281 01	3.5180313 01
7.1750001 02	1.4181810 01	2.1808550 01	3.5990360 01
7.1800001 02	1.3888216 01	2.2002463 01	3.5890679 01
7.1820000 02	1.3621920 01	2.1980378 01	3.5602298 01
7.1850001 02	1.3073520 01	2.1841884 01	3.4915404 01
7.1900001 02	1.1828815 01	2.1353087 01	3.3181902 01
7.2000001 02	8.5929007 00	1.9663316 01	2.8256216 01
7.2100001 02	5.3399063 00	1.7626346 01	2.2966253 01
7.2200001 02	2.8464241 00	1.5828222 01	1.8674646 01
7.2300002 02	1.3148810 00	1.4532397 01	1.5847278 01
7.2400002 02	5.4059481-01	1.3709835 01	1.4250429 01
7.2500001 02	2.1308104-01	1.3206947 01	1.3420028 01
7.2800002 02	4.9966513-02	1.2411450 01	1.2461417 01
7.3000001 02	4.9204290-02	1.1997271 01	1.2046475 01
7.3200001 02	5.5131732-02	1.1551770 01	1.1606901 01
7.3500001 02	8.0674837-02	1.0703861 01	1.0784536 01
7.4000001 02	1.9480617 00	1.3966681 01	1.5914742 01

TABLE VI (Continued)

T = 1.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
7.4100001 02	4.2571371 00	2.1618865 01	2.5876002 01
7.4200001 02	8.2295456 00	3.6114731 01	4.4344277 01
7.4300001 02	1.3840887 01	5.8089162 01	7.1930049 01
7.4400001 02	2.0111077 01	8.4415464 01	1.0452654 02
7.4500001 02	2.5169944 01	1.0794264 02	1.3311258 02
7.4520001 02	2.5854656 01	1.1155300 02	1.3740766 02
7.4550001 02	2.6614538 01	1.1599644 02	1.4261098 02
7.4600001 02	2.7102194 01	1.2045458 02	1.4755677 02
7.4650000 02	2.6579024 01	1.2091539 02	1.4749442 02
7.4679999 02	2.5800354 01	1.1927492 02	1.4507527 02
7.4700001 02	2.5104834 01	1.1742750 02	1.4253234 02
7.4719999 02	2.4281919 01	1.1501982 02	1.3930174 02
7.4750001 02	2.2840275 01	1.1046591 02	1.3330619 02
7.4800001 02	2.0019342 01	1.0084573 02	1.2086507 02
7.4900001 02	1.3766525 01	7.7672419 01	9.1438943 01
7.5000001 02	8.1925974 00	5.5452171 01	6.3644769 01
7.5100001 02	4.2505297 00	3.8692315 01	4.2942844 01
7.5200001 02	1.9544544 00	2.8169471 01	3.0123926 01
7.5300002 02	8.2727608-01	2.2421036 01	2.3248312 01
7.5400000 02	3.5009658-01	1.9528547 01	1.9878643 01
7.5500001 02	1.6931871-01	1.8067638 01	1.8236956 01
7.5800001 02	6.3464979-02	1.6312989 01	1.6376454 01
7.6000001 02	4.9074191-02	1.5721576 01	1.5770650 01
7.6500000 02	3.3924028-02	1.4793455 01	1.4827379 01
7.7000001 02	2.9074351-02	1.4182998 01	1.4212072 01
7.7200002 02	2.9715992-02	1.3968331 01	1.3998047 01
7.7400002 02	4.6409319-02	1.3750015 01	1.3796424 01
7.7500002 02	8.8654253-02	1.3637082 01	1.3725736 01
7.7600000 02	2.0699045-01	1.3528255 01	1.3735245 01
7.7700001 02	4.9084133-01	1.3443457 01	1.3934298 01
7.7800002 02	1.0620293 00	1.3420788 01	1.4482817 01
7.7900002 02	2.0270324 00	1.3514147 01	1.5541179 01
7.8000001 02	3.3833549 00	1.3765236 01	1.7148591 01
7.8100001 02	4.8590877 00	1.4149443 01	1.9008530 01
7.8200001 02	6.0461858 00	1.4587390 01	2.0633576 01
7.8220001 02	6.2231116 00	1.4669484 01	2.0892595 01
7.8250001 02	6.3992116 00	1.4779365 01	2.1178577 01
7.8300001 02	6.5108284 00	1.4921846 01	2.1432674 01
7.8350001 02	6.3713643 00	1.5005671 01	2.1377035 01
7.8380002 02	6.1939799 00	1.5028009 01	2.1221988 01
7.8400001 02	6.0253466 00	1.5030552 01	2.1055899 01
7.8500002 02	4.8508808 00	1.4886278 01	1.9737159 01
7.8600002 02	3.3553944 00	1.4547151 01	1.7902545 01
7.8700000 02	2.0264983 00	1.4138013 01	1.6164511 01
7.8800001 02	1.0626135 00	1.3753754 01	1.4816367 01
7.8900002 02	4.9455845-01	1.3441470 01	1.3936028 01
7.9000001 02	2.1330451-01	1.3202493 01	1.3415798 01
7.9200001 02	5.2413470-02	1.2853113 01	1.2905527 01
7.9400002 02	3.7848047-02	1.2551692 01	1.2589540 01
7.9500001 02	3.9034095-02	1.2393479 01	1.2432513 01
7.9700002 02	4.5867612-02	1.2032722 01	1.2078589 01
7.9900001 02	6.3647252-02	1.1575010 01	1.1638657 01
8.0000001 02	8.9908091-02	1.1311151 01	1.1401059 01
8.0100002 02	1.6060013-01	1.1085027 01	1.1245627 01
8.0200001 02	3.5456983-01	1.1094116 01	1.1448686 01
8.0300001 02	8.4704723-01	1.1834816 01	1.2681863 01
8.0400002 02	1.9501786 00	1.4273055 01	1.6223234 01
8.0500001 02	4.0777009 00	1.9815692 01	2.3893393 01
8.0600001 02	7.5495368 00	2.9780424 01	3.7329961 01
8.0700001 02	1.2245651 01	4.4298328 01	5.6543979 01
8.0800001 02	1.7323063 01	6.1230817 01	7.8553880 01
8.0820001 02	1.8261429 01	6.4546423 01	8.2807852 01

TABLE VI (Continued)

T = 1.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
8.0850001 02	1.9560177 01	6.9283729 01	8.8843906 01
8.0900000 02	2.1330231 01	7.6198422 01	9.7528653 01
8.0950001 02	2.2462959 01	8.1371031 01	1.0383399 02
8.1000001 02	2.2844299 01	8.4341442 01	1.0718574 02
8.1050001 02	2.2435416 01	8.4865864 01	1.0730128 02
8.1100001 02	2.1279413 01	8.2954217 01	1.0423363 02
8.1120000 02	2.0631903 01	8.1557297 01	1.0218920 02
8.1150001 02	1.9493527 01	7.8863091 01	9.8356618 01
8.1200001 02	1.7249278 01	7.3047363 01	9.0296641 01
8.1400001 02	7.5156724 00	4.4152893 01	5.1668565 01
8.1500001 02	4.0695159 00	3.2731510 01	3.6801026 01
8.1600002 02	1.9549003 00	2.5167766 01	2.7122666 01
8.1700001 02	8.5387207-01	2.0801229 01	2.1655101 01
8.1800002 02	3.5875133-01	1.8496889 01	1.8855640 01
8.1900002 02	1.6177180-01	1.7304557 01	1.7466329 01
8.2000000 02	8.9145649-02	1.6642669 01	1.6731815 01
8.2500001 02	3.5317602-02	1.5292732 01	1.5328050 01
8.3000001 02	2.6792481-02	1.4657055 01	1.4683848 01
8.3500001 02	2.5397340-02	1.4188438 01	1.4213835 01
8.3700002 02	2.9530675-02	1.3998750 01	1.4028280 01
8.3900001 02	7.2450967-02	1.3789582 01	1.3862033 01
8.4000001 02	1.6696271-01	1.3692879 01	1.3859842 01
8.4100002 02	4.0793730-01	1.3645717 01	1.4053654 01
8.4200002 02	9.4010484-01	1.3731032 01	1.4671136 01
8.4300001 02	1.9463005 00	1.4076525 01	1.6022826 01
8.4400002 02	3.5565415 00	1.4815139 01	1.8371680 01
8.4500001 02	5.6977353 00	1.5993404 01	2.1691139 01
8.4600001 02	7.9823655 00	1.7472049 01	2.5454414 01
8.4700001 02	9.7690878 00	1.8905708 01	2.8674796 01
8.4720000 02	9.9994027 00	1.9144633 01	2.9144036 01
8.4750002 02	1.0271330 01	1.9469003 01	2.9740333 01
8.4800001 02	1.0439319 01	1.9865659 01	3.0304978 01
8.4850001 02	1.0256038 01	2.0065129 01	3.0321167 01
8.4879999 02	9.9818954 00	2.0085708 01	3.0067604 01
8.4900001 02	9.7408017 00	2.0057086 01	2.9797887 01
8.4950000 02	8.9444783 00	1.9851879 01	2.8796357 01
8.5000001 02	7.9428392 00	1.9478508 01	2.7421347 01
8.5100002 02	5.6671635 00	1.8398309 01	2.4065473 01
8.5200002 02	3.5418784 00	1.7184736 01	2.0726614 01
8.5300002 02	1.9422503 00	1.6127832 01	1.8070082 01
8.5400001 02	9.4107556-01	1.5355567 01	1.6296643 01
8.5500001 02	4.1037525-01	1.4854388 01	1.5264763 01
8.6000001 02	2.4517204-02	1.4035889 01	1.4060406 01
8.6500001 02	2.3882930-01	1.3654941 01	1.3893770 01
8.6600001 02	5.3379833-01	1.3613167 01	1.4146965 01
8.6700002 02	1.0794586 00	1.3632718 01	1.4712177 01
8.6800001 02	1.9314031 00	1.3749110 01	1.5680513 01
8.6900001 02	3.0693892 00	1.3995726 01	1.7065115 01
8.7000001 02	4.2466931 00	1.4346031 01	1.8592724 01
8.7120001 02	5.3018376 00	1.4797619 01	2.0099457 01
8.7150000 02	5.4312063 00	1.4899630 01	2.0330836 01
8.7200001 02	5.5270759 00	1.5033737 01	2.0560813 01
8.7250001 02	5.4067597 00	1.5122638 01	2.0529397 01
8.7300000 02	5.2950463 00	1.5159673 01	2.0454719 01
8.7300001 02	5.1699773 00	1.5174593 01	2.0344571 01
8.7400002 02	4.2234683 00	1.5106821 01	1.9330290 01
8.7500001 02	3.0384149 00	1.4883747 01	1.7922162 01
8.7600001 02	1.9285296 00	1.4590130 01	1.6518660 01
8.7700002 02	1.0790535 00	1.4300266 01	1.5379320 01
8.7800002 02	5.3574881-01	1.4058897 01	1.4594646 01
8.7900000 02	2.4141480-01	1.3876822 01	1.4118237 01
8.8000001 02	1.0470771-01	1.3742964 01	1.3847672 01

TABLE VI (Continued)

T = 1.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_n (barns)
8.8100002 02	4.9761109-02	1.3639904 01	1.3689665 01
8.8200002 02	3.0637685-02	1.3552881 01	1.3583518 01
8.8300001 02	2.5254116-02	1.3471884 01	1.3497138 01
8.8400002 02	2.5264264-02	1.3390488 01	1.3415752 01
8.8500001 02	2.9788875-02	1.3304542 01	1.3334331 01
8.8600002 02	4.5027324-02	1.3212770 01	1.3257797 01
8.8700001 02	9.0884739-02	1.3121451 01	1.3212336 01
8.8900002 02	5.1710142-01	1.3080219 01	1.3597320 01
8.9000000 02	1.1498767 00	1.3313395 01	1.4463272 01
8.9100001 02	2.2958447 00	1.3922709 01	1.6218554 01
8.9200001 02	4.0633695 00	1.5060284 01	1.9123654 01
8.9300002 02	6.3450616 00	1.6747756 01	2.3092818 01
8.9400001 02	8.7278751 00	1.8767192 01	2.7495067 01
8.9500001 02	1.0568603 01	2.0656913 01	3.1225516 01
8.9550001 02	1.1077461 01	2.1374286 01	3.2451746 01
8.9600001 02	1.1254511 01	2.1872180 01	3.3126691 01
8.9650001 02	1.1068523 01	2.2105720 01	3.3174243 01
8.9700001 02	1.0541299 01	2.2063313 01	3.2604612 01
8.9750001 02	9.7309306 00	2.1769787 01	3.1500718 01
8.9800001 02	8.6952711 00	2.1252337 01	2.9947608 01
8.9900002 02	6.3169423 00	1.9783760 01	2.6100702 01
9.0000001 02	4.0438305 00	1.8138694 01	2.2182524 01
9.0100000 02	2.2895964 00	1.6703280 01	1.8992877 01
9.0200001 02	1.1509112 00	1.5646604 01	1.6797515 01
9.0300002 02	5.2006147-01	1.4962367 01	1.5482428 01
9.0400002 02	2.1790918-01	1.4552947 01	1.4770856 01
9.0500001 02	9.1185576-02	1.4312347 01	1.4403533 01
9.1000001 02	1.8685341-02	1.3863593 01	1.3882278 01
9.1500001 02	1.6199423-02	1.3654034 01	1.3670233 01
9.2000001 02	1.5459340-02	1.3493462 01	1.3508921 01
9.2500001 02	1.5499155-02	1.3343454 01	1.3358953 01
9.3000001 02	1.6331358-02	1.3178985 01	1.3195316 01
9.3500001 02	1.8869632-02	1.2962515 01	1.2981385 01
9.4000001 02	5.5975631-02	1.2596387 01	1.2652363 01
9.4100002 02	1.2020487-01	1.2514947 01	1.2635152 01
9.4200001 02	2.8418000-01	1.2488919 01	1.2773099 01
9.4300002 02	6.5694809-01	1.2619462 01	1.3276410 01
9.4400002 02	1.4010798 00	1.3078374 01	1.4479454 01
9.4500000 02	2.6909320 00	1.4083601 01	1.6774533 01
9.4600001 02	4.6093348 00	1.5806422 01	2.0415757 01
9.4700001 02	7.0177958 00	1.8225939 01	2.5243734 01
9.4800001 02	9.4763941 00	2.1000180 01	3.0476574 01
9.4900001 02	1.1344447 01	2.3505250 01	3.4849697 01
9.4950001 02	1.1864654 01	2.4435845 01	3.6300499 01
9.5000001 02	1.2038462 01	2.5052474 01	3.7090936 01
9.5050001 02	1.1850721 01	2.5313970 01	3.7164691 01
9.5100001 02	1.1321025 01	2.5212492 01	3.6533517 01
9.5120001 02	1.1023143 01	2.5074198 01	3.6097341 01
9.5150001 02	1.0496102 01	2.4769499 01	3.5265601 01
9.5200001 02	9.4427795 00	2.4032583 01	3.3475362 01
9.5300001 02	6.9852660 00	2.1973676 01	2.8958942 01
9.5400002 02	4.5906884 00	1.9671011 01	2.4261700 01
9.5500001 02	2.6845426 00	1.7633455 01	2.0317997 01
9.5600002 02	1.4035286 00	1.6108284 01	1.7511812 01
9.5700001 02	6.6287489-01	1.5100670 01	1.5763544 01
9.5800002 02	2.9053974-01	1.4486947 01	1.4777487 01
9.5900002 02	1.2773176-01	1.4121740 01	1.4249472 01
9.6000001 02	6.9655026-02	1.3892605 01	1.3962260 01
9.6050001 02	6.2674521-02	1.3806300 01	1.3868975 01
9.6100001 02	6.6773227-02	1.3731356 01	1.3798129 01
9.6200002 02	1.1110650-01	1.3603981 01	1.3715087 01
9.6300002 02	2.2493807-01	1.3498250 01	1.3723188 01

TABLE VI (Continued)

T = 1.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_g(\text{barns})$	$\sigma_T(\text{barns})$
9.6400001 02	4.5737029-01	1.3417637 01	1.3875007 01
9.6500001 02	8.6210090-01	1.3377724 01	1.4239824 01
9.6600001 02	1.4508214 00	1.3395465 01	1.4846286 01
9.6700002 02	2.1723531 00	1.3478512 01	1.5650865 01
9.6800001 02	2.9108377 00	1.3619865 01	1.6530703 01
9.6900001 02	3.4871774 00	1.3790229 01	1.7277407 01
9.6920000 02	3.5458047 00	1.3822315 01	1.7368120 01
9.6950001 02	3.6407320 00	1.3874993 01	1.7515725 01
9.7000001 02	3.7133812 00	1.3937790 01	1.7651171 01
9.7050001 02	3.6246427 00	1.3982206 01	1.7606849 01
9.7079999 02	3.5697930 00	1.4005388 01	1.7575181 01
9.7100001 02	3.5036830 00	1.4010011 01	1.7513694 01
9.7150001 02	3.2166857 00	1.4000477 01	1.7217163 01
9.7200001 02	2.9303136 00	1.3981046 01	1.6911360 01
9.7300002 02	2.1774059 00	1.3861546 01	1.6038952 01
9.7400002 02	1.4419891 00	1.3686505 01	1.5128494 01
9.7500001 02	8.5477245-01	1.3494614 01	1.4349387 01
9.7600002 02	4.5780506-01	1.3312900 01	1.3770705 01
9.7700002 02	2.2695866-01	1.3151865 01	1.3378824 01
9.7800002 02	1.1161625-01	1.3009453 01	1.3121069 01
9.7900001 02	6.5917717-02	1.2878035 01	1.2943952 01
9.7950001 02	6.0294015-02	1.2814160 01	1.2874454 01
9.8000001 02	6.4730789-02	1.2751028 01	1.2815758 01
9.8100002 02	1.1041498-01	1.2629118 01	1.2739532 01
9.8200001 02	2.3887408-01	1.2528102 01	1.2766976 01
9.8300001 02	5.2591423-01	1.2488475 01	1.3014389 01
9.8400002 02	1.0828337 00	1.2580821 01	1.3663655 01
9.8500001 02	2.0228552 00	1.2894758 01	1.4917613 01
9.8600001 02	3.3893730 00	1.3500805 01	1.6890178 01
9.8700002 02	5.0774184 00	1.4396595 01	1.9474013 01
9.8800001 02	6.8046641 00	1.5467595 01	2.2272259 01
9.8850001 02	7.5603421 00	1.6002405 01	2.3562747 01
9.8900001 02	8.1801553 00	1.6507157 01	2.4687312 01
9.8950001 02	8.6168585 00	1.6944071 01	2.5560929 01
9.9000001 02	8.8716501 00	1.7328974 01	2.6200624 01
9.9050001 02	8.9531492 00	1.7663718 01	2.6616867 01
9.9080001 02	8.9283538 00	1.7855211 01	2.6783565 01
9.9100001 02	8.8807348 00	1.7976311 01	2.6857046 01
9.9200001 02	8.5390041 00	1.8772864 01	2.7311868 01
9.9300001 02	8.4276222 00	2.0289239 01	2.8716861 01
9.9400001 02	9.0285827 00	2.3029705 01	3.2058288 01
9.9500001 02	1.0459085 01	2.7078614 01	3.7537699 01
9.9600001 02	1.2322408 01	3.1832521 01	4.4154929 01
9.9650000 02	1.3186386 01	3.4112222 01	4.7298608 01
9.9700001 02	1.3857561 01	3.6068035 01	4.9925596 01
9.9750001 02	1.4268567 01	3.7590761 01	5.1859328 01
9.9800001 02	1.4345974 01	3.8522665 01	5.2868639 01
9.9850001 02	1.4060533 01	3.8780655 01	5.2841188 01

TABLE VII

Th²³² CROSS SECTIONSTh²³² Temperature = 2.0 ev

Neutron Energy, E _n (ev)	Radiative Capture Cross Section, σ _γ (barns)	Scattering Cross Section, σ _s (barns)	Total Cross Section, σ _T (barns)
2.5300000-02	7.5433162 00	1.4289044 01	2.1832360 01
5.0000005-02	5.3429980 00	1.3261599 01	1.8604597 01
1.0000001-01	3.7458352 00	1.2724176 01	1.6470011 01
2.5000000-01	2.3105760 00	1.2377109 01	1.4687685 01
5.0000001-01	1.5704904 00	1.2222334 01	1.3792825 01
1.0000001 00	1.0337298 00	1.2078983 01	1.3112713 01
2.0000001 00	6.4975069-01	1.1896430 01	1.2546181 01
5.0000000 00	3.3388958-01	1.1532003 01	1.1865893 01
7.5000000 00	2.5650242-01	1.1301043 01	1.1557545 01
1.0000001 01	2.2591143-01	1.1083819 01	1.1309731 01
1.2000001 01	2.2195306-01	1.0896569 01	1.1118522 01
1.5000001 01	2.5778492-01	1.0532949 01	1.0790734 01
1.8000001 01	4.5579630-01	9.8502186 00	1.0306015 01
1.9000002 01	6.9984708-01	9.3929830 00	1.0092830 01
2.0000001 01	3.6036021 00	8.6357598 00	1.2239362 01
2.0500002 01	2.2494217 01	8.9655418 00	3.1449759 01
2.1000001 01	9.7067783 01	1.3060317 01	1.1012810 02
2.1200001 01	1.4648674 02	1.6356451 01	1.6284319 02
2.1500001 01	2.2382659 02	2.2194469 01	2.4602106 02
2.1800001 01	2.7396442 02	2.6956322 01	3.0092074 02
2.1900001 01	2.8041850 02	2.7962681 01	3.0838118 02
2.2000001 01	2.8180887 02	2.8664810 01	3.1047368 02
2.2100001 01	2.7906209 02	2.9125382 01	3.0818747 02
2.2300001 01	2.6726463 02	2.9791969 01	2.9705660 02
2.2500001 01	2.5939853 02	3.1154308 01	2.9055284 02
2.2600001 01	2.6114238 02	3.2475350 01	2.9361774 02
2.2700001 01	2.6804848 02	3.4358742 01	3.0240722 02
2.2800001 01	2.8031667 02	3.6831040 01	3.1714771 02
2.3000001 01	3.1804350 02	4.3277912 01	3.6132142 02
2.3300001 01	3.8148880 02	5.3971443 01	4.3546024 02
2.3500001 01	4.0319786 02	5.8896141 01	4.6209400 02
2.3800001 01	3.7714524 02	5.9228912 01	4.3637415 02
2.4000001 01	3.2303663 02	5.4573670 01	3.7761030 02
2.4200001 01	2.5277050 02	4.7325838 01	3.0009634 02
2.4400001 01	1.8081197 02	3.9176751 01	2.1998872 02
2.4500001 01	1.4795240 02	3.5248492 01	1.8320089 02
2.4600001 01	1.1848484 02	3.1607569 01	1.5009241 02
2.4800001 01	7.1390471 01	2.5498926 01	9.6889396 01
2.5000001 01	3.9803583 01	2.1090240 01	6.0893823 01
2.6000001 01	1.6056031 00	1.4178385 01	1.5783988 01
2.8000001 01	3.5747588-01	1.2656272 01	1.3013748 01
3.0000001 01	2.1167453-01	1.2107665 01	1.2319339 01
3.5000002 01	1.2354507-01	1.1465251 01	1.1588796 01
4.0000001 01	1.0533447-01	1.1070518 01	1.1175852 01
5.0000001 01	1.2274688-01	1.0214648 01	1.0337395 01
5.5000001 01	2.0680895-01	9.3318370 00	9.5386459 00
5.6000001 01	4.3931922-01	9.0056849 00	9.4450040 00
5.7000002 01	4.1834006 00	9.1627724 00	1.3346173 01
5.7500002 01	1.2572337 01	1.0522022 01	2.3094359 01
5.8000001 01	3.0500994 01	1.4012800 01	4.4513794 01
5.8500001 01	5.8282862 01	2.0009700 01	7.8292562 01
5.9000000 01	8.7286713 01	2.6915537 01	1.1420225 02
5.9500001 01	1.0251003 02	3.1386020 01	1.3389605 02
6.0000001 01	9.4630879 01	3.0875231 01	1.2550611 02
6.0500001 01	6.8909193 01	2.5961878 01	9.4871070 01
6.1000001 01	3.9789921 01	1.9616037 01	5.9405958 01
6.1500002 01	1.8405702 01	1.4490927 01	3.2896629 01
6.2000001 01	7.0146051 00	1.1399565 01	1.8414170 01
6.3000001 01	1.0109290 00	9.0172310 00	1.0028160 01
6.4000001 01	7.1225758-01	8.0158123 00	8.7280698 00
6.5000001 01	1.0506347 00	7.0189744 00	8.0696091 00
6.6000001 01	3.1939818 00	6.8055073 00	9.9994891 00

TABLE VII (Continued)

T = 2.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.7000001 01	2.4466283 01	2.1914254 01	4.6380537 01
6.7500001 01	6.2984758 01	5.3977572 01	1.1696233 02
6.7799999 01	1.0253820 02	8.8321250 01	1.9085945 02
6.8000001 01	1.3666646 02	1.1857313 02	2.5523959 02
6.8300000 01	1.9828783 02	1.7424762 02	3.7253545 02
6.8500001 01	2.4416870 02	2.1647986 02	4.6064856 02
6.8599999 01	2.6768601 02	2.3838973 02	5.0607574 02
6.8800001 01	3.1399737 02	2.8213256 02	5.9612993 02
6.9000001 01	3.5653187 02	3.2321943 02	6.7975130 02
6.9200001 01	3.9186015 02	3.5846850 02	7.5032866 02
6.9400001 01	4.1690333 02	3.8493859 02	8.0184192 02
6.9500001 01	4.2481400 02	3.9413151 02	8.1894550 02
6.9700001 01	4.3049977 02	4.0344730 02	8.3394707 02
6.9900001 01	4.2240129 02	4.0020003 02	8.2260132 02
7.0000001 01	4.1339370 02	3.9397439 02	8.0736807 02
7.0500001 01	3.2929945 02	3.2532843 02	6.5462788 02
7.1000001 01	2.1553190 02	2.2519218 02	4.4072408 02
7.1500001 01	1.1664533 02	1.3464901 02	2.5129434 02
7.2000001 01	5.2844198 01	7.4057542 01	1.2690174 02
7.3000002 01	7.4147454 00	2.7696378 01	3.5111124 01
7.4000001 01	1.4168107 00	1.9503339 01	2.0920150 01
7.5000001 01	7.0659522-01	1.7392838 01	1.8099434 01
7.6000001 01	4.8313879-01	1.6261948 01	1.6745086 01
7.8000001 01	2.8485037-01	1.4934612 01	1.5219462 01
8.0000001 01	1.9754687-01	1.4154280 01	1.4351827 01
9.0000001 01	8.7292596-02	1.2466422 01	1.2553715 01
9.5000002 01	7.8756661-02	1.2000946 01	1.2079702 01
1.0000001 02	8.2846180-02	1.1546037 01	1.1628883 01
1.0500002 02	1.1523574-01	1.0931796 01	1.1047032 01
1.0800002 02	3.1159115-01	1.0248067 01	1.0559658 01
1.1000001 02	7.6146043 00	1.0889066 01	1.8503670 01
1.1050001 02	1.5620381 01	1.2530265 01	2.8150646 01
1.1100001 02	2.8490765 01	1.5531656 01	4.4022421 01
1.1150002 02	4.5905894 01	1.9983888 01	6.5889782 01
1.1200001 02	6.5184413 01	2.5354229 01	9.0538642 01
1.1260001 02	8.3959104 01	3.1297926 01	1.1525703 02
1.1300001 02	8.9803361 01	3.3794518 01	1.2359788 02
1.1350001 02	8.7198852 01	3.4371668 01	1.2157052 02
1.1400001 02	7.4703347 01	3.2109184 01	1.0681253 02
1.1450001 02	5.6546452 01	2.7895218 01	8.4441670 01
1.1500001 02	3.7915157 01	2.3052523 01	6.0967680 01
1.1550002 02	2.2661275 01	1.8706473 01	4.1367749 01
1.1600001 02	1.2361136 01	1.5449326 01	2.7810462 01
1.1650002 02	6.8414345 00	1.3409605 01	2.0251039 01
1.1700001 02	5.4017747 00	1.2571698 01	1.7973473 01
1.1750002 02	7.8558493 00	1.3105589 01	2.0961438 01
1.1800001 02	1.4913860 01	1.5525516 01	3.0439376 01
1.1850002 02	2.7745782 01	2.0553725 01	4.8299507 01
1.1900001 02	4.6813582 01	2.8649132 01	7.5462714 01
1.1950002 02	7.0479087 01	3.9362093 01	1.0984118 02
1.2000001 02	9.4329185 01	5.0921833 01	1.4525102 02
1.2050001 02	1.1215347 02	6.0535231 01	1.7268870 02
1.2100001 02	1.1847053 02	6.5456320 01	1.8392685 02
1.2150001 02	1.1124609 02	6.4292609 01	1.7553870 02
1.2200001 02	9.2940107 01	5.7679012 01	1.5061912 02
1.2250001 02	6.9164645 01	4.7870195 01	1.1703484 02
1.2300001 02	4.5929276 01	3.7573021 01	8.3502297 01
1.2350002 02	2.7298110 01	2.8817621 01	5.6115731 01
1.2400001 02	1.4621790 01	2.2469897 01	3.7091687 01
1.2450002 02	7.2111544 00	1.8414361 01	2.5625515 01
1.2500001 02	3.5642960 00	1.6055794 01	1.9620090 01
1.2550002 02	2.3252687 00	1.4755109 01	1.7080377 01

TABLE VII (Continued)

T = 2.0 ev

E_n (ev)	σ_γ (barns)	σ_g (barns)	σ_T (barns)
1.2600001 02	2.6975111 00	1.4048902 01	1.6746413 01
1.2650002 02	4.4078580 00	1.3682244 01	1.8090102 01
1.2700001 02	7.4269455 00	1.3551742 01	2.0978688 01
1.2750001 02	1.1613244 01	1.3627508 01	2.5240752 01
1.2800001 02	1.6430141 01	1.3885548 01	3.0315689 01
1.2850001 02	2.0893912 01	1.4264780 01	3.5158692 01
1.2900001 02	2.3836510 01	1.4659262 01	3.8495772 01
1.2950001 02	2.4383684 01	1.4947174 01	3.9330858 01
1.3000001 02	2.2369359 01	1.5038267 01	3.7407626 01
1.3050001 02	1.8414087 01	1.4909958 01	3.3324045 01
1.3100001 02	1.3615492 01	1.4609214 01	2.8224706 01
1.3150002 02	9.0581733 00	1.4221910 01	2.3280083 01
1.3200002 02	5.4391341 00	1.3832210 01	1.9271344 01
1.3300002 02	1.4888096 00	1.3228938 01	1.4717748 01
1.3400002 02	3.4105969-01	1.2880011 01	1.3221070 01
1.3600002 02	8.7093095-02	1.2517094 01	1.2604187 01
1.3800000 02	7.3365562-02	1.2278332 01	1.2351698 01
1.4000001 02	6.8326613-02	1.2080850 01	1.2149177 01
1.4200002 02	8.7293391-02	1.1900719 01	1.1988012 01
1.4400002 02	3.3772955-01	1.1727222 01	1.2064952 01
1.4500001 02	5.9663020-01	1.1649945 01	1.2246575 01
1.4600001 02	7.6159569-01	1.1582450 01	1.2344045 01
1.4700001 02	6.8100547-01	1.1515577 01	1.2196582 01
1.4800002 02	4.3554780-01	1.1437709 01	1.1873256 01
1.4900000 02	2.2303168-01	1.1346811 01	1.1569843 01
1.5000001 02	1.4090589-01	1.1247240 01	1.1338146 01
1.5100002 02	2.1100153-01	1.1141718 01	1.1352719 01
1.5200002 02	4.8962958-01	1.1033318 01	1.1522947 01
1.5300002 02	9.8029845-01	1.0930878 01	1.1911177 01
1.5400001 02	1.4337645 00	1.0841375 01	1.2275139 01
1.5450001 02	1.5224960 00	1.0798756 01	1.2321252 01
1.5500001 02	1.4811711 00	1.0753538 01	1.2234709 01
1.5600001 02	1.0865571 00	1.0642976 01	1.1729533 01
1.5700002 02	5.9251969-01	1.0497305 01	1.1089825 01
1.5800001 02	2.8156266-01	1.0321857 01	1.0603420 01
1.5900002 02	1.6681581-01	1.0122859 01	1.0289675 01
1.6000001 02	1.5039670-01	9.8973234 00	1.0047720 01
1.6100002 02	1.6823929-01	9.6348577 00	9.8030969 00
1.6200002 02	2.0245425-01	9.3200276 00	9.5224818 00
1.6300002 02	2.6021545-01	8.9333126 00	9.1935280 00
1.6400002 02	4.0032422-01	8.4827665 00	8.8830907 00
1.6500001 02	9.8121187-01	8.2702347 00	9.2514465 00
1.6600001 02	3.6944078 00	1.0106732 01	1.3801139 01
1.6700001 02	1.3772322 01	2.0153051 01	3.3925373 01
1.6800001 02	4.0099517 01	4.9771541 01	8.9871058 01
1.6850002 02	6.0932086 01	7.4445463 01	1.3537755 02
1.6900001 02	8.5350465 01	1.0432177 02	1.8967224 02
1.7000001 02	1.3067127 02	1.6329399 02	2.9396526 02
1.7050001 02	1.4273884 02	1.8149818 02	3.2423702 02
1.7100001 02	1.4350736 02	1.8644330 02	3.2995066 02
1.7150001 02	1.3283898 02	1.7731354 02	3.1015252 02
1.7200001 02	1.1327278 02	1.5661443 02	2.6988721 02
1.7250001 02	8.9044095 01	1.2914934 02	2.1819344 02
1.7300001 02	6.4600087 01	1.0027890 02	1.6487899 02
1.7350001 02	4.3323750 01	7.4316830 01	1.1764058 02
1.7400001 02	2.6930193 01	5.3674311 01	8.0604504 01
1.7500001 02	8.4711191 00	2.9176308 01	3.7647427 01
1.7600002 02	2.2345256 00	1.9827579 01	2.2062105 01
1.7700002 02	6.7254438-01	1.6739092 01	1.7411637 01
1.7800002 02	3.3132347-01	1.5532250 01	1.5863573 01
1.8000001 02	1.9205661-01	1.4349455 01	1.4541512 01
1.8200002 02	1.4883161-01	1.3610015 01	1.3758847 01

TABLE VII (Continued)

T = 2.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.8400002 02	1.3578249-01	1.3023343 01	1.3159126 01
1.8500001 02	1.4180284-01	1.2744336 01	1.2886139 01
1.8600002 02	1.8206471-01	1.2456128 01	1.2638192 01
1.8700002 02	4.0159020-01	1.2165839 01	1.2567429 01
1.8800002 02	1.4097356 00	1.1993319 01	1.3403055 01
1.8900002 02	4.9030120 00	1.2383583 01	1.7286595 01
1.9000001 02	1.3572628 01	1.4211382 01	2.7784010 01
1.9100001 02	2.8318087 01	1.8120736 01	4.6438823 01
1.9200001 02	4.3996291 01	2.3112802 01	6.7109093 01
1.9300001 02	5.0851847 01	2.6359256 01	7.7211103 01
1.9350001 02	4.9003417 01	2.6557459 01	7.5560875 01
1.9400001 02	4.4007048 01	2.5727617 01	6.9734665 01
1.9450001 02	3.7006011 01	2.4106536 01	6.1112547 01
1.9500001 02	2.9470978 01	2.2065069 01	5.1536047 01
1.9550001 02	2.2808838 01	2.0009220 01	4.2818058 01
1.9600001 02	1.8073653 01	1.8287041 01	3.6360694 01
1.9650001 02	1.5826048 01	1.7131941 01	3.2957989 01
1.9700001 02	1.6124706 01	1.6646430 01	3.2771136 01
1.9750002 02	1.8584595 01	1.6809484 01	3.5394079 01
1.9800001 02	2.2461985 01	1.7493673 01	3.9955658 01
1.9900001 02	3.0449226 01	1.9534233 01	4.9983459 01
2.0000001 02	3.2605020 01	2.0802618 01	5.3407637 01
2.0050001 02	3.0451987 01	2.0725054 01	5.1177041 01
2.0100001 02	2.6528856 01	2.0161441 01	4.6690297 01
2.0150001 02	2.1563727 01	1.9233224 01	4.0796951 01
2.0200001 02	1.6368048 01	1.8114511 01	3.4482559 01
2.0260001 02	1.0765388 01	1.6761035 01	2.7526423 01
2.0300001 02	7.7336225 00	1.5953652 01	2.3687274 01
2.0350001 02	4.8449160 00	1.5111179 01	1.9956095 01
2.0400001 02	2.8757494 00	1.4465218 01	1.7340967 01
2.0500001 02	9.0658683-01	1.3656501 01	1.4563088 01
2.0600002 02	2.9370590-01	1.3234732 01	1.3528438 01
2.0700002 02	1.3377276-01	1.2975546 01	1.3109319 01
2.0800002 02	9.4040746-02	1.2777356 01	1.2871396 01
2.1000001 02	8.1644991-02	1.2438541 01	1.2520186 01
2.1200002 02	8.8187584-02	1.2102619 01	1.2190807 01
2.1500001 02	2.7355682-01	1.1480876 01	1.1754433 01
2.1800002 02	9.0936771 00	1.4185898 01	2.3279575 01
2.2000001 02	3.8129981 01	2.8283296 01	6.6413277 01
2.2060001 02	4.7987622 01	3.3842860 01	8.1830482 01
2.2100001 02	5.3115422 01	3.7054359 01	9.0169761 01
2.2200001 02	5.7132458 01	4.1162199 01	9.8294657 01
2.2250001 02	5.3799198 01	4.0552265 01	9.4351463 01
2.2300001 02	4.7517878 01	3.8296940 01	8.5814818 01
2.2350000 02	3.9381136 01	3.4855891 01	7.4237026 01
2.2400001 02	3.0638661 01	3.0824774 01	6.1463435 01
2.2450000 02	2.2392255 01	2.6778668 01	4.9171123 01
2.2500001 02	1.5388054 01	2.3152050 01	3.8540104 01
2.2600002 02	6.0837856 00	1.7936536 01	2.4020321 01
2.2700002 02	1.9522025 00	1.5257185 01	1.7209387 01
2.2800002 02	5.6301149-01	1.4086929 01	1.4649941 01
2.3000001 02	1.0665215-01	1.3276460 01	1.3383112 01
2.3500000 02	6.0425700-02	1.2517822 01	1.2578248 01
2.3700002 02	5.8186703-02	1.2294612 01	1.2352798 01
2.4000001 02	6.1285592-02	1.1956215 01	1.2017500 01
2.4200002 02	6.9671660-02	1.1694214 01	1.1763886 01
2.4500002 02	2.1024427-01	1.1172362 01	1.1382606 01
2.4700002 02	2.0636858 00	1.1416437 01	1.3480123 01
2.4800000 02	5.9255130 00	1.3019496 01	1.8945009 01
2.4900000 02	1.3911693 01	1.7018225 01	3.0929918 01
2.5000001 02	2.6179365 01	2.3885695 01	5.0065060 01
2.5100001 02	3.9273057 01	3.2051064 01	7.1324121 01

TABLE VII (Continued)

T = 2.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.5200001 02	4.6919112 01	3.7940486 01	8.4859598 01
2.5300001 02	4.4667712 01	3.8442459 01	8.3110171 01
2.5400001 02	3.3940779 01	3.3597926 01	6.7538705 01
2.5450002 02	2.7209385 01	3.0060776 01	5.7270161 01
2.5500001 02	2.0644338 01	2.6395539 01	4.7039877 01
2.5600002 02	1.0129969 01	2.0054885 01	3.0184854 01
2.5700000 02	4.1843999 00	1.5977232 01	2.0161632 01
2.5800002 02	1.9958216 00	1.3926086 01	1.5921908 01
2.5900000 02	2.5312441 00	1.3273160 01	1.5804404 01
2.5950002 02	3.7730050 00	1.3386155 01	1.7159160 01
2.6000001 02	5.7475698 00	1.3812330 01	1.9559900 01
2.6050002 02	8.5117937 00	1.4583110 01	2.3094903 01
2.6100001 02	1.2043652 01	1.5712810 01	2.7756462 01
2.6150002 02	1.6188680 01	1.7172849 01	3.3361529 01
2.6200001 02	2.0629781 01	1.8872221 01	3.9502002 01
2.6250002 02	2.4904990 01	2.0654409 01	4.5559399 01
2.6300001 02	2.8475272 01	2.2314792 01	5.0790064 01
2.6350001 02	3.0833113 01	2.3637218 01	5.4470331 01
2.6400001 02	3.1620253 01	2.4440326 01	5.6060579 01
2.6450001 02	3.0714541 01	2.4618484 01	5.5333025 01
2.6500000 02	2.8264326 01	2.4166826 01	5.2431152 01
2.6600001 02	2.0369319 01	2.1814405 01	4.2183724 01
2.6700002 02	1.1867158 01	1.8723412 01	3.0590570 01
2.6800001 02	5.6203796 00	1.6122091 01	2.1742470 01
2.6900002 02	2.1943745 00	1.4458234 01	1.6652609 01
2.7000001 02	7.3787094-01	1.3562521 01	1.4300392 01
2.7100002 02	2.4561076-01	1.3100369 01	1.3345980 01
2.7300002 02	7.6182804-02	1.2638414 01	1.2714596 01
2.7500001 02	6.7186050-02	1.2322991 01	1.2390177 01
2.7700000 02	7.5140796-02	1.2017604 01	1.2092744 01
2.7900000 02	1.7280494-01	1.1675137 01	1.1847942 01
2.8000001 02	4.6289508-01	1.1530038 01	1.1992933 01
2.8100002 02	1.3965386 00	1.1565285 01	1.2961823 01
2.8200002 02	3.8475223 00	1.2138655 01	1.5986177 01
2.8300002 02	8.9629677 00	1.3806557 01	2.2769524 01
2.8400002 02	1.7247831 01	1.6992085 01	3.4239916 01
2.8450002 02	2.2217188 01	1.9094331 01	4.1311519 01
2.8500001 02	2.7225297 01	2.1363145 01	4.8588442 01
2.8600001 02	3.5185166 01	2.5513484 01	6.0698650 01
2.8700000 02	3.7227853 01	2.7616648 01	6.4844501 01
2.8800001 02	3.2275778 01	2.6748901 01	5.9024679 01
2.8900001 02	2.2964116 01	2.3584965 01	4.6549081 01
2.8950002 02	1.8000025 01	2.1647982 01	3.9648007 01
2.9000001 02	1.3444300 01	1.9748743 01	3.3193043 01
2.9100000 02	6.5112380 00	1.6588837 01	2.3100075 01
2.9200002 02	2.6427840 00	1.4561690 01	1.7204474 01
2.9300002 02	9.3395465-01	1.3455699 01	1.4389654 01
2.9400002 02	3.2256702-01	1.2879695 01	1.3202252 01
2.9600002 02	9.4932379-02	1.2303088 01	1.2398020 01
2.9800000 02	1.1835614-01	1.1889633 01	1.2007989 01
2.9900002 02	2.4339912-01	1.1706077 01	1.1949476 01
3.0000001 02	6.7527643-01	1.1619812 01	1.2295088 01
3.0100002 02	1.9022840 00	1.1854809 01	1.3757093 01
3.0200002 02	4.7297696 00	1.2835611 01	1.7565381 01
3.0300002 02	9.9264063 00	1.5060455 01	2.4986861 01
3.0400002 02	1.7351868 01	1.8672092 01	3.6023960 01
3.0500001 02	2.5164950 01	2.2956770 01	4.8121720 01
3.0600001 02	3.0252595 01	2.6374654 01	5.6627249 01
3.0700001 02	3.0155533 01	2.7429716 01	5.7585249 01
3.0800001 02	2.4946455 01	2.5748641 01	5.0695096 01
3.0900000 02	1.7154210 01	2.2310842 01	3.9465052 01
3.1000001 02	9.8315311 00	1.8630791 01	2.8462322 01

TABLE VII (Continued)

T = 2.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
3.1100002 02	4.7231925 00	1.5764940 01	2.0488133 01
3.1200001 02	1.9302399 00	1.3968847 01	1.5899086 01
3.1400001 02	2.5826617-01	1.2459050 01	1.2717316 01
3.1500001 02	1.2514873-01	1.2138084 01	1.2263233 01
3.1600001 02	9.1611028-02	1.1896608 01	1.1988219 01
3.1700002 02	8.5846167-02	1.1681171 01	1.1767017 01
3.1800001 02	8.8448350-02	1.1469189 01	1.1557637 01
3.1900002 02	9.5906496-02	1.1248137 01	1.1344044 01
3.2000000 02	1.1105575-01	1.1008776 01	1.1119831 01
3.2200002 02	2.6754532-01	1.0499637 01	1.0767182 01
3.2500001 02	4.6710359 00	1.3065493 01	1.7736529 01
3.2600001 02	1.0645351 01	1.8325304 01	2.8970655 01
3.2900001 02	4.7073114 01	5.6686695 01	1.0375981 02
3.3000001 02	5.4816979 01	6.7036931 01	1.2185391 02
3.3100000 02	5.3723109 01	6.8651981 01	1.2237509 02
3.3200001 02	4.4350223 01	6.1187977 01	1.0553820 02
3.3300001 02	3.0894737 01	4.8379247 01	7.9273984 01
3.3350002 02	2.4220426 01	4.1583757 01	6.5804182 01
3.3400001 02	1.8233293 01	3.5253028 01	5.3486321 01
3.3450002 02	1.3207157 01	2.9728365 01	4.2935522 01
3.3500001 02	9.2479027 00	2.5177293 01	3.4425196 01
3.3550002 02	6.3316593 00	2.1622275 01	2.7953934 01
3.3600002 02	4.3587427 00	1.8990490 01	2.3349233 01
3.3700002 02	2.7660303 00	1.6031297 01	1.8797327 01
3.3800002 02	3.8130178 00	1.5534918 01	1.9347936 01
3.3900002 02	7.4533169 00	1.7290606 01	2.4743923 01
3.4000001 02	1.3725472 01	2.1368474 01	3.5093946 01
3.4100002 02	2.1764421 01	2.7317938 01	4.9082359 01
3.4200001 02	2.9287955 01	3.3583052 01	6.2871007 01
3.4250001 02	3.1918692 01	3.6111609 01	6.8030300 01
3.4300001 02	3.3364802 01	3.7862915 01	7.1227718 01
3.4400001 02	3.2172639 01	3.8389259 01	7.0561897 01
3.4500001 02	2.6278219 01	3.5090365 01	6.1368584 01
3.4700002 02	1.0723268 01	2.3874525 01	3.4597793 01
3.5000001 02	9.1209420-01	1.5040929 01	1.5953023 01
3.5200002 02	1.5517607-01	1.3719717 01	1.3874893 01
3.5400002 02	8.3256373-02	1.3121031 01	1.3204287 01
3.5500001 02	8.0719232-02	1.2871688 01	1.2952407 01
3.5700002 02	1.0697495-01	1.2372777 01	1.2479751 01
3.5900002 02	4.1962778-01	1.1961256 01	1.2380884 01
3.6000001 02	1.0951218 00	1.2079303 01	1.3174425 01
3.6200001 02	6.0542459 00	1.5169756 01	2.1224002 01
3.6250002 02	8.5607332 00	1.7038434 01	2.5599167 01
3.6300002 02	1.1674747 01	1.9472598 01	3.1147345 01
3.6350002 02	1.5351414 01	2.2457341 01	3.7808755 01
3.6400001 02	1.9467698 01	2.5905570 01	4.5373267 01
3.6500001 02	2.8166248 01	3.3475808 01	6.1642056 01
3.6600001 02	3.5729303 01	4.0299231 01	7.6028534 01
3.6700001 02	4.0478297 01	4.4597846 01	8.5076143 01
3.6800001 02	4.2032631 01	4.5764809 01	8.7797440 01
3.6900001 02	4.1096220 01	4.4491134 01	8.5587353 01
3.7000001 02	3.8389454 01	4.1874361 01	8.0263815 01
3.7100001 02	3.4021101 01	3.8526153 01	7.2547254 01
3.7200001 02	2.7940420 01	3.4532239 01	6.2472658 01
3.7300001 02	2.0717364 01	3.0018578 01	5.0735942 01
3.7400001 02	1.3599322 01	2.5485454 01	3.9084776 01
3.7450002 02	1.0486358 01	2.3422105 01	3.3908463 01
3.7500001 02	7.8159513 00	2.1586375 01	2.9402326 01
3.7600002 02	3.9217861 00	1.8721760 01	2.2643546 01
3.7700002 02	1.307510 00	1.6888560 01	1.8619311 01
3.7800002 02	6.9074638-01	1.5823956 01	1.6514703 01
3.7900002 02	2.6925393-01	1.5223668 01	1.5492922 01

TABLE VII (Continued)

T = 2.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_n (barns)
3.8000001 02	1.2022109-01	1.4865028 01	1.4985249 01
3.8500001 02	4.1933603-02	1.4040626 01	1.4082559 01
3.8900002 02	3.6951255-02	1.3749550 01	1.3786501 01
3.9000000 02	3.5678756-02	1.3582068 01	1.3617746 01
3.9200002 02	3.8356563-02	1.3419860 01	1.3458217 01
3.9400002 02	8.1307410-02	1.3249985 01	1.3331292 01
3.9500001 02	1.8338306-01	1.3165307 01	1.3348690 01
3.9600002 02	4.5345773-01	1.3099152 01	1.3552610 01
3.9700002 02	1.0641937 00	1.3090621 01	1.4154815 01
3.9800002 02	2.2328944 00	1.3203834 01	1.5436728 01
3.9900002 02	4.1026441 00	1.3508838 01	1.7611482 01
4.0000001 02	6.5540985 00	1.4034096 01	2.0598194 01
4.0100000 02	9.0819434 00	1.4713400 01	2.3795344 01
4.0250001 02	1.1330837 01	1.5633458 01	2.6964295 01
4.0300001 02	1.1356733 01	1.5811288 01	2.7168021 01
4.0400001 02	1.0254491 01	1.5883003 01	2.6137494 01
4.0500001 02	8.0359754 00	1.5599812 01	2.3635787 01
4.0600002 02	5.4736698 00	1.5098665 01	2.0572335 01
4.0700002 02	3.2513037 00	1.4553906 01	1.7805210 01
4.0800002 02	1.7005673 00	1.4091107 01	1.5791674 01
4.0900002 02	8.0887215-01	1.3756053 01	1.4564925 01
4.1000001 02	3.8748475-01	1.3535900 01	1.3923385 01
4.1100002 02	2.3094599-01	1.3395596 01	1.3626542 01
4.1200000 02	1.9159908-01	1.3302829 01	1.3494428 01
4.1300001 02	1.8599528-01	1.3236054 01	1.3422049 01
4.1400001 02	1.7643310-01	1.3182968 01	1.3359401 01
4.1500001 02	1.5284917-01	1.3136910 01	1.3289759 01
4.2000001 02	3.1512133-02	1.2941676 01	1.2973188 01
4.3000001 02	2.2957174-02	1.2629336 01	1.2652293 01
4.4000001 02	2.4443283-02	1.2302141 01	1.2326584 01
4.4500002 02	2.7013470-02	1.2088214 01	1.2115228 01
4.5000001 02	4.3464399-02	1.1781706 01	1.1825170 01
4.5100002 02	5.7278318-02	1.1699225 01	1.1756504 01
4.5300002 02	1.1182118-01	1.1499792 01	1.1611613 01
4.5500001 02	2.2806388-01	1.1264079 01	1.1492143 01
4.5600000 02	3.7037989-01	1.1190374 01	1.1560754 01
4.5700001 02	7.0233959-01	1.1279700 01	1.1982040 01
4.5800001 02	1.4605806 00	1.1783269 01	1.3243849 01
4.6000001 02	5.7614642 00	1.5802466 01	2.1563930 01
4.6100001 02	9.9238496 00	2.0207517 01	3.0131367 01
4.6200001 02	1.5206992 01	2.6192022 01	4.1399014 01
4.6300001 02	2.0639645 01	3.2822496 01	5.3462141 01
4.6400001 02	2.4774679 01	3.8496056 01	6.3270735 01
4.6500001 02	2.6290542 01	4.1558175 01	6.7848717 01
4.6600001 02	2.4669189 01	4.1112405 01	6.5781594 01
4.6700001 02	2.0477380 01	3.7475500 01	5.7952880 01
4.6800001 02	1.5049048 01	3.1961313 01	4.7010361 01
4.6900002 02	9.8044236 00	2.6169199 01	3.5973623 01
4.7000001 02	5.6759590 00	2.1288109 01	2.6964067 01
4.7200002 02	1.3682410 00	1.5610738 01	1.6978979 01
4.7300002 02	5.9118159-01	1.4354261 01	1.4945443 01
4.7500001 02	1.2066286-01	1.3247849 01	1.3368512 01
4.7800002 02	5.6967221-02	1.2566372 01	1.2623339 01
4.8000001 02	7.9964248-02	1.2196026 01	1.2275990 01
4.8100002 02	1.3571442-01	1.2029249 01	1.2164963 01
4.8200002 02	2.8971897-01	1.1936837 01	1.2226556 01
4.8500001 02	3.1790218 00	1.4270246 01	1.7449268 01
4.8600001 02	5.9836088 00	1.7304673 01	2.3288282 01
4.8700001 02	1.0075089 01	2.2117327 01	3.2192415 01
4.8800001 02	1.5122988 01	2.8484703 01	4.3607691 01
4.8900001 02	2.0207683 01	3.5407141 01	5.5614824 01
4.9000001 02	2.4026252 01	4.1266673 01	6.5292925 01

TABLE VII (Continued)

T = 2.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
4.9100001 02	2.5417320 01	4.4434206 01	6.9851526 01
4.9200001 02	2.3930914 01	4.4031162 01	6.7962076 01
4.9300001 02	2.0061826 01	4.0353635 01	6.0415461 01
4.9400001 02	1.4985602 01	3.4676927 01	4.9662529 01
4.9500001 02	9.9853987 00	2.8594928 01	3.8580326 01
4.9800002 02	1.5359318 00	1.7009245 01	1.8545176 01
4.9900002 02	6.8429054-01	1.5555393 01	1.6239684 01
5.0000001 02	2.9395386-01	1.4749055 01	1.5043009 01
5.0100002 02	1.3431953-01	1.4297247 01	1.4431566 01
5.0200002 02	7.6608293-02	1.4021603 01	1.4098211 01
5.0300002 02	6.3161142-02	1.3829573 01	1.3892734 01
5.0400002 02	7.8269156-02	1.3678191 01	1.3756460 01
5.0500001 02	1.3214218-01	1.3549132 01	1.3681274 01
5.0700002 02	4.9006217-01	1.3340637 01	1.3830699 01
5.0800002 02	8.8072670-01	1.3269085 01	1.4149812 01
5.0900002 02	1.4394112 00	1.3230758 01	1.4670169 01
5.1000001 02	2.11175434 00	1.3232188 01	1.5349731 01
5.1100001 02	2.7916114 00	1.3270653 01	1.6062264 01
5.1200001 02	3.2933341 00	1.3330669 01	1.6624003 01
5.1300001 02	3.4753396 00	1.3386959 01	1.6862299 01
5.1400001 02	3.2804438 00	1.3413600 01	1.6694043 01
5.1500000 02	2.7711859 00	1.3394715 01	1.6165901 01
5.1600001 02	2.0971845 00	1.3329924 01	1.5427108 01
5.1700002 02	1.4247466 00	1.3231712 01	1.4656458 01
5.1800002 02	8.7291279-01	1.3117442 01	1.3990355 01
5.1900001 02	4.8822688-01	1.3001463 01	1.3489689 01
5.2000001 02	2.6013497-01	1.2891516 01	1.3151651 01
5.2200002 02	1.5244680-01	1.2699517 01	1.2851964 01
5.2300001 02	2.6603703-01	1.2629746 01	1.2895783 01
5.2400002 02	5.6260246-01	1.2606828 01	1.3169430 01
5.2500001 02	1.1590548 00	1.2679154 01	1.3838209 01
5.2600000 02	2.1925465 00	1.2913925 01	1.5106471 01
5.2700001 02	3.7494475 00	1.3375637 01	1.7125084 01
5.2800002 02	5.7677854 00	1.4086391 01	1.9854176 01
5.2900002 02	7.9671595 00	1.4984653 01	2.2951812 01
5.3000001 02	9.8759904 00	1.5912536 01	2.5788527 01
5.3100001 02	1.0984948 01	1.6655403 01	2.7640351 01
5.3200001 02	1.0965562 01	1.7024415 01	2.7989977 01
5.3300001 02	9.8281876 00	1.6938845 01	2.6767032 01
5.3400001 02	7.9177367 00	1.6457694 01	2.4375431 01
5.3500001 02	5.7488021 00	1.5742269 01	2.1491071 01
5.3600002 02	3.7912734 00	1.4978528 01	1.8769801 01
5.3700000 02	2.3253193 00	1.4307253 01	1.6632572 01
5.3800001 02	1.4163195 00	1.3794572 01	1.5210891 01
5.3900002 02	9.7783873-01	1.3442959 01	1.4420797 01
5.4000001 02	8.5721326-01	1.3220599 01	1.4077812 01
5.4100001 02	8.9834907-01	1.3087621 01	1.3985970 01
5.4200001 02	9.7420595-01	1.3009759 01	1.3983965 01
5.4300001 02	1.0005986 00	1.2961688 01	1.3962287 01
5.4400001 02	9.4116351-01	1.2925995 01	1.3867158 01
5.4500001 02	8.0252615-01	1.2891687 01	1.3694213 01
5.4600002 02	6.1949303-01	1.2853257 01	1.3472750 01
5.4700002 02	4.3401248-01	1.2809562 01	1.3243574 01
5.4800000 02	2.7786581-01	1.2762195 01	1.3040061 01
5.4900001 02	1.6532500-01	1.2713605 01	1.2878930 01
5.5000001 02	9.4487325-02	1.2665724 01	1.2760211 01
5.5300001 02	2.7510133-02	1.2531400 01	1.2558910 01
5.5500002 02	2.3379725-02	1.2444541 01	1.2467921 01
5.5700002 02	2.3796361-02	1.2352538 01	1.2376334 01
5.6000001 02	2.9412981-02	1.2188915 01	1.2218328 01
5.6300001 02	1.2281728-01	1.1991011 01	1.2113828 01
5.6500001 02	5.9358187-01	1.1999229 01	1.2592811 01

TABLE VII (Continued)

T = 2.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
5.6600001 02	1.2255435 00	1.2206375 01	1.3431918 01
5.6700001 02	2.3264449 00	1.2692983 01	1.5019428 01
5.6800001 02	4.0208862 00	1.3574039 01	1.7594925 01
5.6900002 02	6.3017687 00	1.4902592 01	2.1204351 01
5.7000000 02	8.9412351 00	1.6599585 01	2.5540820 01
5.7100001 02	1.1478512 01	1.8418976 01	2.9897488 01
5.7200001 02	1.3334602 01	1.9991119 01	3.3325721 01
5.7300001 02	1.4027360 01	2.0945262 01	3.4972622 01
5.7400001 02	1.3384828 01	2.1060091 01	3.4444919 01
5.7500001 02	1.1626456 01	2.0354768 01	3.1981224 01
5.7600001 02	9.2618230 00	1.9069650 01	2.8331473 01
5.7700002 02	6.8679496 00	1.7553027 01	2.4420976 01
5.7750000 02	5.8029449 00	1.6811167 01	2.2614112 01
5.7800001 02	4.8712339 00	1.6121871 01	2.0993105 01
5.7900001 02	3.4441034 00	1.4970702 01	1.8414806 01
5.8000001 02	2.5334786 00	1.4154721 01	1.6688199 01
5.8100000 02	1.9680413 00	1.3630112 01	1.5598153 01
5.8200001 02	1.5757273 00	1.3311410 01	1.4887137 01
5.8300002 02	1.2436449 00	1.3115241 01	1.4358886 01
5.8400002 02	9.3450728-01	1.2981815 01	1.3916322 01
5.8500001 02	6.5456226-01	1.2876768 01	1.3531330 01
5.8600001 02	4.2468846-01	1.2784299 01	1.3208987 01
5.8700002 02	2.5686680-01	1.2698865 01	1.2955732 01
5.8800002 02	1.4856843-01	1.2618789 01	1.2767357 01
5.8900001 02	8.8269384-02	1.2543083 01	1.2631353 01
5.9000001 02	6.4384366-02	1.2470620 01	1.2535004 01
5.9100002 02	7.3319358-02	1.2400841 01	1.2474160 01
5.9200002 02	1.2651342-01	1.2335626 01	1.2462140 01
5.9300001 02	2.5660515-01	1.2282008 01	1.2538613 01
5.9500001 02	9.9416490-01	1.2280136 01	1.3274301 01
5.9600001 02	1.7486175 00	1.2387944 01	1.4136561 01
5.9700001 02	2.8097281 00	1.2605752 01	1.5415480 01
5.9800002 02	4.1103579 00	1.2940037 01	1.7050395 01
5.9900002 02	5.4678850 00	1.3361691 01	1.8829576 01
6.0000001 02	6.6101659 00	1.3802461 01	2.0412627 01
6.0100001 02	7.2614071 00	1.4170530 01	2.1431937 01
6.0200001 02	7.2494029 00	1.4382584 01	2.1631987 01
6.0300001 02	6.5789500 00	1.4394948 01	2.0973898 01
6.0500001 02	4.0763788 00	1.3912679 01	1.7989058 01
6.0600002 02	2.7876948 00	1.3552511 01	1.6340206 01
6.0700001 02	1.7395983 00	1.3205871 01	1.4945470 01
6.0800001 02	9.9442701-01	1.2913363 01	1.3907790 01
6.0900002 02	5.2632300-01	1.2687422 01	1.3213745 01
6.1000001 02	2.6699659-01	1.2520799 01	1.2787795 01
6.1200002 02	1.1820495-01	1.2303653 01	1.2421858 01
6.1300002 02	1.6337869-01	1.2227603 01	1.2390982 01
6.1500001 02	5.2899106-01	1.2120300 01	1.2649291 01
6.1600002 02	9.0414748-01	1.2097962 01	1.3002109 01
6.1700002 02	1.4248576 00	1.2107207 01	1.3532064 01
6.1800001 02	2.0546218 00	1.2153256 01	1.4207878 01
6.1900001 02	2.7051004 00	1.2233127 01	1.4938228 01
6.2000001 02	3.2491270 00	1.2333138 01	1.5582265 01
6.2100001 02	3.5579916 00	1.2430391 01	1.5988383 01
6.2179999 02	3.5791003 00	1.2489123 01	1.6068223 01
6.2200001 02	3.5521795 00	1.2499804 01	1.6051984 01
6.2300002 02	3.2339807 00	1.2522927 01	1.5756908 01
6.2400002 02	2.6864870 00	1.2494357 01	1.5180844 01
6.2500001 02	2.0377715 00	1.2421965 01	1.4459737 01
6.2600001 02	1.4132327 00	1.2322306 01	1.3735538 01
6.2700002 02	8.9835932-01	1.2213394 01	1.3111753 01
6.2800002 02	5.2608528-01	1.2109051 01	1.2635136 01
6.2900000 02	2.8701770-01	1.2016564 01	1.2303582 01

TABLE VII (Continued)

T = 2.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_g(\text{barns})$	$\sigma_T(\text{barns})$
6.3000001 02	1.4959230-01	1.1937415 01	1.2087007 01
6.3300001 02	3.0943913-02	1.1755350 01	1.1786294 01
6.3500002 02	2.3631338-02	1.1652834 01	1.1676466 01
6.3700001 02	2.3163294-02	1.1551072 01	1.1574235 01
6.4000000 02	2.4213632-02	1.1388518 01	1.1412731 01
6.4500002 02	2.8808229-02	1.1056323 01	1.1085131 01
6.5000001 02	1.4448685-01	1.0601897 01	1.0746384 01
6.5200001 02	6.0110170-01	1.0593883 01	1.1194985 01
6.5300002 02	1.1678663 00	1.0813593 01	1.1981459 01
6.5500001 02	3.5446936 00	1.2220470 01	1.5765164 01
6.5600001 02	5.4612412 00	1.3565345 01	1.9026586 01
6.5700001 02	7.7279571 00	1.5294017 01	2.3021974 01
6.5800001 02	1.0041281 01	1.7199554 01	2.7240835 01
6.5900001 02	1.1992588 01	1.8954387 01	3.0946975 01
6.6000001 02	1.3200339 01	2.0201334 01	3.3401673 01
6.6100001 02	1.3468196 01	2.0684200 01	3.4152396 01
6.6200000 02	1.2879546 01	2.0349488 01	3.3229024 01
6.6300001 02	1.1777018 01	1.9371147 01	3.1148165 01
6.6400001 02	1.0618961 01	1.8074617 01	2.8693578 01
6.6500001 02	9.7878983 00	1.6805649 01	2.6593538 01
6.6600001 02	9.4383046 00	1.5804147 01	2.5242451 01
6.6700001 02	9.4616294 00	1.5148282 01	2.4609911 01
6.6800001 02	9.5771338 00	1.4789034 01	2.4366163 01
6.6900001 02	9.4979409 00	1.4658247 01	2.4156188 01
6.7000001 02	9.0949799 00	1.4806706 01	2.3901686 01
6.7100001 02	8.4793724 00	1.5514495 01	2.3993867 01
6.7200001 02	7.9810586 00	1.7324038 01	2.5305096 01
6.7300000 02	8.0299917 00	2.0946585 01	2.8976577 01
6.7400001 02	8.9859987 00	2.7025567 01	3.6011566 01
6.7500001 02	1.0977166 01	3.5791349 01	4.6768514 01
6.7600001 02	1.3797504 01	4.6729656 01	6.0527160 01
6.7700001 02	1.6910336 01	5.8440577 01	7.5350912 01
6.7800001 02	1.9578480 01	6.8853356 01	8.8431836 01
6.7900001 02	2.1092157 01	7.5801895 01	9.6894052 01
6.8000001 02	2.1013854 01	7.7757316 01	9.8771169 01
6.8100001 02	1.9334566 01	7.4383154 01	9.3717719 01
6.8200001 02	1.6473400 01	6.6645644 01	8.3119043 01
6.8300001 02	1.3123472 01	5.6422183 01	6.9545655 01
6.8400000 02	1.0028219 01	4.5841695 01	5.5869914 01
6.8500001 02	7.7838690 00	3.6662200 01	4.4446069 01
6.8600001 02	6.7264006 00	2.9923737 01	3.6650137 01
6.8700002 02	6.9041702 00	2.5912258 01	3.2816428 01
6.8800001 02	8.1037984 00	2.4325383 01	3.2429181 01
6.8900001 02	9.9050554 00	2.4497960 01	3.4403015 01
6.9000001 02	1.1765032 01	2.5606745 01	3.7371777 01
6.9100001 02	1.3137421 01	2.6841373 01	3.9978794 01
6.9200001 02	1.3613160 01	2.7552534 01	4.1165694 01
6.9300001 02	1.3033474 01	2.7364588 01	4.0398062 01
6.9400001 02	1.1527918 01	2.6222533 01	3.7750452 01
6.9500000 02	9.4560305 00	2.4348784 01	3.3804814 01
6.9600001 02	7.2802356 00	2.2125839 01	2.9406074 01
6.9700002 02	5.4290144 00	1.9955042 01	2.5384056 01
6.9800002 02	4.2024279 00	1.8148052 01	2.2350480 01
6.9900001 02	3.7359775 00	1.6878254 01	2.0614232 01
7.0000001 02	4.0073075 00	1.6184809 01	2.0192116 01
7.0100002 02	4.8600324 00	1.6002769 01	2.0862801 01
7.0200001 02	6.0341338 00	1.6196102 01	2.2230234 01
7.0300001 02	7.2088904 00	1.6586519 01	2.3795409 01
7.0400001 02	8.0671649 00	1.6983960 01	2.5051125 01
7.0500002 02	8.3761006 00	1.7223603 01	2.5599704 01
7.0600002 02	8.0534792 00	1.7202188 01	2.5255667 01
7.0700001 02	7.1936071 00	1.6902582 01	2.4096189 01

TABLE VII (Continued)

T = 2.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
7.0800002 02	6.0365650 00	1.6394517 01	2.2431082 01
7.0900001 02	4.8952342 00	1.5811687 01	2.0706971 01
7.1000001 02	4.0726232 00	1.5315751 01	1.9388374 01
7.1100001 02	3.7920808 00	1.5057808 01	1.8849889 01
7.1300001 02	5.1206109 00	1.5614296 01	2.0734907 01
7.1400001 02	6.5058951 00	1.6413891 01	2.2919786 01
7.1500001 02	8.0115563 00	1.7401544 01	2.5413100 01
7.1600001 02	9.2829998 00	1.8368076 01	2.7651076 01
7.1700001 02	9.9998123 00	1.9087884 01	2.9087696 01
7.1800001 02	9.9700156 00	1.9385013 01	2.9355029 01
7.1900001 02	9.1863474 00	1.9186131 01	2.8372479 01
7.2000001 02	7.8191624 00	1.8537504 01	2.6356666 01
7.2100001 02	6.1506235 00	1.7581152 01	2.3731775 01
7.2200001 02	4.4733482 00	1.6496843 01	2.0970191 01
7.2300002 02	3.0122447 00	1.5446934 01	1.8459178 01
7.2400002 02	1.8824752 00	1.4537274 01	1.6419749 01
7.2500001 02	1.0973246 00	1.3809447 01	1.4906772 01
7.2600002 02	6.0303076-01	1.3254207 01	1.3857238 01
7.2700002 02	3.1987482-01	1.2834836 01	1.3154711 01
7.2800002 02	1.7205417-01	1.2507529 01	1.2679583 01
7.3000001 02	7.3576041-02	1.1985713 01	1.2059289 01
7.3100002 02	6.6426148-02	1.1745752 01	1.1812178 01
7.3200001 02	7.3306729-02	1.1508789 01	1.1582095 01
7.3300001 02	9.6969219-02	1.1287712 01	1.1384681 01
7.3500001 02	2.7087599-01	1.1143594 01	1.1414470 01
7.3800002 02	1.7794293 00	1.5141570 01	1.6920999 01
7.4000001 02	4.9958964 00	2.6404506 01	3.1400402 01
7.4100001 02	7.5472887 00	3.6099981 01	4.3647270 01
7.4200001 02	1.0594058 01	4.9250992 01	5.8845049 01
7.4300001 02	1.3797877 01	6.1695744 01	7.5493621 01
7.4400001 02	1.6662068 01	7.4534630 01	9.1196747 01
7.4500001 02	1.8649542 01	8.4543788 01	1.0319333 02
7.4600001 02	1.9345843 01	8.9816537 01	1.0916238 02
7.4700001 02	1.8600280 01	8.9385380 01	1.0798566 02
7.4800001 02	1.6579061 01	8.3538659 01	1.0011772 02
7.4900001 02	1.3705282 01	7.3686704 01	8.7391986 01
7.5000001 02	1.0514032 01	6.1849679 01	7.2363711 01
7.5100001 02	7.4926588 00	5.0021363 01	5.7514022 01
7.5200001 02	4.9681551 00	3.9669097 01	4.4637252 01
7.5300002 02	3.0736306 00	3.1527389 01	3.4601020 01
7.5400000 02	1.7832813 00	2.5675424 01	2.7458705 01
7.5500001 02	9.7948052-01	2.1771362 01	2.2750843 01
7.5800001 02	1.5102098-01	1.6892367 01	1.7043388 01
7.6000001 02	6.5387052-02	1.5910300 01	1.5975687 01
7.6500000 02	3.5274398-02	1.4834375 01	1.4869649 01
7.7000001 02	3.8585649-02	1.4192304 01	1.4230890 01
7.7200002 02	8.1595309-02	1.3972754 01	1.4054349 01
7.7400002 02	2.5978837-01	1.3778174 01	1.4037963 01
7.7500002 02	4.6204167-01	1.3704426 01	1.4166468 01
7.7600000 02	7.8323870-01	1.3660928 01	1.4444167 01
7.7700001 02	1.2486911 00	1.3661180 01	1.4909871 01
7.7800002 02	1.8600406 00	1.3716198 01	1.5576239 01
7.7900002 02	2.5806157 00	1.3828902 01	1.6409518 01
7.8000001 02	3.3300952 00	1.3989324 01	1.7319419 01
7.8100001 02	3.9952361 00	1.4172822 01	1.8168058 01
7.8200001 02	4.4552514 00	1.4343086 01	1.8798337 01
7.8300001 02	4.6149648 00	1.4460969 01	1.9075934 01
7.8400001 02	4.4442378 00	1.4497345 01	1.8941583 01
7.8500001 02	3.9776269 00	1.4438191 01	1.8415818 01
7.8600002 02	3.3105122 00	1.4291252 01	1.7601764 01
7.8700000 02	2.5639184 00	1.4078737 01	1.6642656 01
7.8800001 02	1.8498660 00	1.3830872 01	1.5680738 01

TABLE VII (Continued)

T = 2.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
7.8900002 02	1.2454096 00	1.3575007 01	1.4820416 01
7.9000001 02	7.8604290-01	1.3330919 01	1.4116962 01
7.9200001 02	2.6878176-01	1.2904678 01	1.3173460 01
7.9400002 02	9.5139388-02	1.2538328 01	1.2633467 01
7.9500001 02	7.0926424-02	1.2362194 01	1.2433120 01
7.9700002 02	9.4430574-02	1.2036448 01	1.2130879 01
7.9900001 02	2.8624591-01	1.1999555 01	1.2285801 01
8.0000001 02	5.4027003-01	1.2366069 01	1.2906339 01
8.0100002 02	9.9999510-01	1.3297095 01	1.4297080 01
8.0200001 02	1.7701115 00	1.5137911 01	1.6908022 01
8.0300001 02	2.9589041 00	1.8277939 01	2.1236843 01
8.0400002 02	4.6407645 00	2.3041703 01	2.7682468 01
8.0500001 02	6.8068293 00	2.9529980 01	3.6336810 01
8.0600001 02	9.3208821 00	3.7458687 01	4.6779569 01
8.0700001 02	1.1904784 01	4.6073038 01	5.7977822 01
8.0800001 02	1.4175705 01	5.4217337 01	6.8393042 01
8.0900000 02	1.5733643 01	6.0576594 01	7.6310237 01
8.1000001 02	1.6276449 01	6.4035742 01	8.0312190 01
8.1100001 02	1.5695360 01	6.4014803 01	7.9710182 01
8.1200001 02	1.4110463 01	6.0643134 01	7.4753596 01
8.1400001 02	9.2543886 00	4.7345154 01	5.6599541 01
8.1500001 02	6.7590862 00	3.9777647 01	4.6536734 01
8.1600002 02	4.6143169 00	3.2937029 01	3.7551346 01
8.1700001 02	2.9500220 00	2.7361037 01	3.0311059 01
8.1800002 02	1.7721209 00	2.3193279 01	2.4965400 01
8.1900002 02	1.0063771 00	2.0296582 01	2.1302959 01
8.2000000 02	5.4661400-01	1.8395912 01	1.8942526 01
8.2500001 02	4.4402535-02	1.5400430 01	1.5444832 01
8.2800001 02	3.0662758-02	1.4918165 01	1.4948828 01
8.3000001 02	2.7897863-02	1.4680894 01	1.4708792 01
8.3500001 02	4.9232415-02	1.4188034 01	1.4237266 01
8.4000001 02	8.6498654-01	1.4034553 01	1.4899540 01
8.4100002 02	1.4244066 00	1.4215496 01	1.5639902 01
8.4200002 02	2.2030107 00	1.4540945 01	1.6743956 01
8.4300001 02	3.1912230 00	1.5027639 01	1.8218862 01
8.4400002 02	4.3236801 00	1.5661768 01	1.9985448 01
8.4500001 02	5.4759145 00	1.6390484 01	2.1866398 01
8.4600001 02	6.4806243 00	1.7123393 01	2.3604017 01
8.4700001 02	7.1661702 00	1.7749906 01	2.4916076 01
8.4800001 02	7.4048819 00	1.8166987 01	2.5571868 01
8.4900001 02	7.1497556 00	1.8306716 01	2.5456472 01
8.5000001 02	6.4518866 00	1.8156556 01	2.4608443 01
8.5100002 02	5.4426516 00	1.7759586 01	2.3202237 01
8.5200002 02	4.2934233 00	1.7198682 01	2.1492105 01
8.5300002 02	3.1686315 00	1.6570334 01	1.9738965 01
8.5400001 02	2.1898193 00	1.5959783 01	1.8149602 01
8.5500001 02	1.4192184 00	1.5424598 01	1.6843816 01
8.5700001 02	5.0007447-01	1.4659282 01	1.5159356 01
8.5900002 02	1.6143897-01	1.4233766 01	1.4395205 01
8.6000001 02	1.1324482-01	1.4098696 01	1.4211941 01
8.6100001 02	1.1812223-01	1.3993876 01	1.4111998 01
8.6300002 02	2.9222744-01	1.3847578 01	1.4139805 01
8.6500001 02	7.9246316-01	1.3797898 01	1.4590361 01
8.6600001 02	1.2072936 00	1.3827560 01	1.5034853 01
8.6700002 02	1.7283547 00	1.3903141 01	1.5631496 01
8.6800001 02	2.3212214 00	1.4024750 01	1.6345971 01
8.6900001 02	2.9189089 00	1.4182908 01	1.7101817 01
8.7000001 02	3.4385533 00	1.4358013 01	1.7796566 01
8.7200001 02	3.9136272 00	1.4649394 01	1.8563011 01
8.7300001 02	3.7836742 00	1.4714928 01	1.8498602 01
8.7400002 02	3.4235779 00	1.4708046 01	1.8131624 01
8.7500001 02	2.9018036 00	1.4632077 01	1.7533881 01

TABLE VII (Continued)

T = 2.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
8.7600001 02	2.3056537 00	1.4502547 01	1.6808200 01
8.7700002 02	1.7172833 00	1.4340186 01	1.6057469 01
8.7800002 02	1.2005821 00	1.4166423 01	1.5367005 01
8.7900000 02	7.9005200-01	1.3998250 01	1.4788302 01
8.8000001 02	4.9244282-01	1.3845671 01	1.4338114 01
8.8200002 02	1.8069136-01	1.3597408 01	1.3778100 01
8.8300001 02	1.2971539-01	1.3499893 01	1.3629608 01
8.8500001 02	2.0093264-01	1.3369159 01	1.3570092 01
8.8700001 02	6.1522952-01	1.3427193 01	1.4042423 01
8.8900002 02	1.6754277 00	1.3942466 01	1.5617893 01
8.9000000 02	2.5334584 00	1.4472374 01	1.7005832 01
8.9100001 02	3.5990926 00	1.5207933 01	1.8807026 01
8.9200001 02	4.7985328 00	1.6120369 01	2.0918902 01
8.9300002 02	6.0009243 00	1.7131490 01	2.3132414 01
8.9400001 02	7.0383724 00	1.8120779 01	2.5159151 01
8.9500001 02	7.7415103 00	1.8946942 01	2.6688452 01
8.9600001 02	7.9849393 00	1.9482686 01	2.7467625 01
8.9700001 02	7.7243227 00	1.9648949 01	2.7373271 01
8.9800001 02	7.0088231 00	1.9435555 01	2.6444378 01
8.9900002 02	5.9663517 00	1.8901451 01	2.4867802 01
9.0000001 02	4.7661698 00	1.8154178 01	2.2920347 01
9.0100000 02	3.5743912 00	1.7318613 01	2.0893004 01
9.0200001 02	2.5181142 00	1.6505648 01	1.9023762 01
9.0300002 02	1.6682861 00	1.5792438 01	1.7460724 01
9.0400002 02	1.0412645 00	1.5216054 01	1.6257319 01
9.0500001 02	6.1446429-01	1.4779964 01	1.5394428 01
9.0700002 02	1.8713504-01	1.4246197 01	1.4433332 01
9.1000001 02	3.4523749-02	1.3904524 01	1.3939047 01
9.1500001 02	1.6544011-02	1.3662584 01	1.3679128 01
9.2000001 02	1.5582694-02	1.3495931 01	1.3511514 01
9.2500001 02	1.5626992-02	1.3341926 01	1.3357553 01
9.3000001 02	1.6649477-02	1.3171333 01	1.3187992 01
9.3200002 02	1.7900069-02	1.3089841 01	1.3107741 01
9.3500001 02	2.8706286-02	1.2942965 01	1.2971671 01
9.3800001 02	1.3018189-01	1.2802423 01	1.2932605 01
9.4000001 02	4.3469947-01	1.2863171 01	1.3297870 01
9.4100002 02	7.5619384-01	1.3036693 01	1.3792887 01
9.4200001 02	1.2512244 00	1.3375646 01	1.4626870 01
9.4300002 02	1.9590415 00	1.3935683 01	1.5894724 01
9.4400002 02	2.8947422 00	1.4756496 01	1.7651238 01
9.4500000 02	4.0310405 00	1.5840907 01	1.9871948 01
9.4600001 02	5.2867210 00	1.7137378 01	2.2424099 01
9.4700001 02	6.5274357 00	1.8532382 01	2.5059817 01
9.4800001 02	7.5861922 00	1.9862622 01	2.7448815 01
9.4900001 02	8.2984642 00	2.0945357 01	2.9243821 01
9.5000001 02	8.5444585 00	2.1621637 01	3.0166095 01
9.5100001 02	8.2816396 00	2.1796626 01	3.0078265 01
9.5150002 02	7.9705979 00	2.1690255 01	2.9660853 01
9.5200001 02	7.5567113 00	2.1463325 01	2.9020036 01
9.5300001 02	6.4930121 00	2.0702159 01	2.7195171 01
9.5400002 02	5.2551242 00	1.9654099 01	2.4909223 01
9.5500001 02	4.0090684 00	1.8482899 01	2.2491966 01
9.5600002 02	2.8869752 00	1.7335475 01	2.0222450 01
9.5700001 02	1.9700131 00	1.6317008 01	1.8287021 01
9.5800002 02	1.2878012 00	1.5481656 01	1.6769457 01
9.5900002 02	8.3199579-01	1.4839402 01	1.5671397 01
9.6000001 02	5.7375922-01	1.4370544 01	1.4944303 01
9.6100001 02	4.8035975-01	1.4042303 01	1.4522663 01
9.6200002 02	5.2438010-01	1.3821183 01	1.4345563 01
9.6300002 02	6.8383637-01	1.3679979 01	1.4363816 01
9.6400001 02	9.4231363-01	1.3600001 01	1.4542315 01
9.6500001 02	1.2740005 00	1.3567973 01	1.4841973 01

TABLE VII (Continued)

T = 2.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
9.6600001 02	1.6502275 00	1.3574899 01	1.5225126 01
9.6700002 02	2.0208063 00	1.3609587 01	1.5630393 01
9.6800001 02	2.3404593 00	1.3660424 01	1.6000883 01
9.6900001 02	2.5533165 00	1.3712360 01	1.6265676 01
9.7000001 02	2.6261478 00	1.3749376 01	1.6375524 01
9.7100001 02	2.5494992 00	1.3760426 01	1.6309925 01
9.7200001 02	2.3306700 00	1.3736046 01	1.6066716 01
9.7300002 02	2.0099262 00	1.3674454 01	1.5684380 01
9.7400002 02	1.6390162 00	1.3580822 01	1.5219838 01
9.7500001 02	1.2658650 00	1.3463012 01	1.4728877 01
9.7600002 02	9.3322206-01	1.3331102 01	1.4264324 01
9.7700002 02	6.7251970-01	1.3196008 01	1.3868528 01
9.7800002 02	5.0299717-01	1.3068579 01	1.3571576 01
9.7900001 02	4.3712356-01	1.2960335 01	1.3397458 01
9.8000001 02	4.8721048-01	1.2885276 01	1.3372486 01
9.8100002 02	6.6944662-01	1.2861424 01	1.3530870 01
9.8200001 02	1.0033291 00	1.2910821 01	1.3914150 01
9.8300001 02	1.5057862 00	1.3054617 01	1.4560403 01
9.8400002 02	2.1824190 00	1.3319384 01	1.5501803 01
9.8500001 02	3.0197460 00	1.3730180 01	1.6749926 01
9.8600001 02	3.9708309 00	1.4269507 01	1.8240338 01
9.8700002 02	4.9722760 00	1.4947990 01	1.9920266 01
9.8900001 02	5.9506827 00	1.5766912 01	2.1717594 01
9.8900001 02	6.8455374 00	1.6741012 01	2.3536549 01
9.9000001 02	7.6286176 00	1.7905810 01	2.5534428 01
9.9100001 02	8.3110092 00	1.9313176 01	2.7624185 01
9.9200001 02	8.9322536 00	2.1009095 01	2.9941349 01
9.9300001 02	9.5283083 00	2.2974411 01	3.2502719 01
9.9400001 02	1.0115287 01	2.5173933 01	3.5289220 01
9.9500001 02	1.0662626 01	2.7419913 01	3.8081539 01
9.9600001 02	1.1068770 01	2.9433135 01	4.0501905 01
9.9700001 02	1.1207024 01	3.0905865 01	4.2112889 01
9.9800001 02	1.0975951 01	3.1546512 01	4.2522463 01

TABLE VIII

Th²³² CROSS SECTIONSTh²³² Temperature = 5.0 ev

Neutron Energy, E _n (ev)	Radiative Capture Cross Section, σ _γ (barns)	Scattering Cross Section, σ _S (barns)	Total Cross Section, σ _T (barns)
2.5300000-02	7.5182677 00	1.7189763 01	2.4708031 01
5.0000005-02	5.3254973 00	1.4813742 01	2.0139239 01
1.0000001-01	3.7339339 00	1.3505430 01	1.7239364 01
2.5000000-01	2.3038018 00	1.2685156 01	1.4988958 01
5.0000001-01	1.5664857 00	1.2372892 01	1.3939378 01
1.0000001 00	1.0317548 00	1.2151508 01	1.3183263 01
2.0000001 00	6.4909361-01	1.1930723 01	1.2579817 01
5.0000000 00	3.3397681-01	1.1543559 01	1.1877536 01
7.5000000 00	2.5675729-01	1.1307498 01	1.1564256 01
1.0000001 01	2.2640836-01	1.1087013 01	1.1313422 01
1.5000001 01	2.6142975-01	1.0525985 01	1.0787415 01
1.8000001 01	5.2750185-01	9.8031252 00	1.0330627 01
1.9000002 01	2.5356664 00	9.3748767 00	1.1910543 01
2.0000001 01	2.7281502 01	1.0049587 01	3.7331088 01
2.0500002 01	6.6139788 01	1.2238729 01	7.8378517 01
2.1000001 01	1.2507775 02	1.6350901 01	1.4142865 02
2.1500001 01	1.8984227 02	2.2006809 01	2.1184908 02
2.1800001 01	2.2426984 02	2.5860630 01	2.5013047 02
2.2000001 01	2.4416727 02	2.8571341 01	2.7273861 02
2.2300001 01	2.6936633 02	3.2809960 01	3.0217629 02
2.2500001 01	2.8315515 02	3.5686809 01	3.1884196 02
2.2600001 01	2.8909087 02	3.7106938 01	3.2619781 02
2.2800001 01	2.9871142 02	3.9818661 01	3.3853008 02
2.3000001 01	3.0459989 02	4.2199959 01	3.4679985 02
2.3300001 01	3.0404672 02	4.4684338 01	3.4873106 02
2.3500001 01	2.9597962 02	4.5331612 01	3.4131123 02
2.3800001 01	2.7133370 02	4.4509281 01	3.1584298 02
2.4000001 01	2.4726461 02	4.2783091 01	2.9004770 02
2.4500001 01	1.7122719 02	3.5488631 01	2.0671582 02
2.4800001 01	1.2459106 02	3.0290240 01	1.5488130 02
2.5000001 01	9.6715387 01	2.6980343 01	1.2369573 02
2.6000001 01	1.6969946 01	1.6323220 01	3.3293166 01
2.7000002 01	1.8020235 00	1.3446106 01	1.5248129 01
2.8000001 01	4.3256619-01	1.2719672 01	1.3152238 01
2.9000002 01	2.7898584-01	1.2365324 01	1.2644310 01
3.0000001 01	2.1842140-01	1.2123876 01	1.2342298 01
3.5000002 01	1.2425701-01	1.1467307 01	1.1591564 01
4.0000001 01	1.0564121-01	1.1069540 01	1.1175181 01
5.0000001 01	1.2410603-01	1.0202966 01	1.0327072 01
5.2000002 01	1.4306046-01	9.9274125 00	1.0070473 01
5.5000001 01	1.2072298 00	9.4452303 00	1.0652460 01
5.7000002 01	1.8109292 01	1.2252566 01	3.0361858 01
5.7500002 01	2.8541825 01	1.4394572 01	4.2936397 01
5.8000001 01	4.0722523 01	1.7054642 01	5.7777165 01
5.8500001 01	5.2603472 01	1.9819998 01	7.2423470 01
5.9000000 01	6.1565771 01	2.2106779 01	8.3672549 01
5.9500001 01	6.5349918 01	2.3355645 01	8.8705564 01
6.0000001 01	6.2988222 01	2.3252881 01	8.6241103 01
6.0500001 01	5.5205577 01	2.1853787 01	7.7059365 01
6.1000001 01	4.4069397 01	1.9541193 01	6.3610590 01
6.1500002 01	3.2115689 01	1.6851827 01	4.8967516 01
6.2000001 01	2.1446486 01	1.4273662 01	3.5720148 01
6.3000001 01	7.7313645 00	1.0514371 01	1.8245735 01
6.4000001 01	3.6045450 00	9.1733170 00	1.2777862 01
6.4500002 01	4.6003896 00	9.9174184 00	1.4517808 01
6.5000001 01	8.2767100 00	1.2583270 01	2.0859980 01
6.5500002 01	1.6086993 01	1.8663953 01	3.4750946 01
6.6000001 01	3.0180181 01	3.0259246 01	6.0439427 01
6.6500002 01	5.2867571 01	4.9666729 01	1.0253430 02
6.7000001 01	8.5595674 01	7.8493506 01	1.6408918 02
6.7300000 01	1.0987705 02	1.0030437 02	2.1018142 02
6.7500001 01	1.2764059 02	1.1645202 02	2.4409261 02

TABLE VIII (Continued)

T = 5.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.8000001 01	1.7510213 02	1.6036170 02	3.3546383 02
6.8500001 01	2.2094847 02	2.0404363 02	4.2499210 02
6.9000001 01	2.5652366 02	2.3957304 02	4.9609670 02
6.9200001 01	2.6606749 02	2.4978140 02	5.1584889 02
6.9500001 01	2.7419363 02	2.5963401 02	5.3382764 02
6.9700001 01	2.7520002 02	2.6224045 02	5.3744047 02
7.0000001 01	2.7003205 02	2.6004237 02	5.3007441 02
7.0500001 01	2.4523783 02	2.4122366 02	4.8646149 02
7.1000001 01	2.0559302 02	2.0792455 02	4.1351757 02
7.1500001 01	1.5929028 02	1.6736359 02	3.2665387 02
7.2000001 01	1.1422197 02	1.2678421 02	2.4100618 02
7.3000002 01	4.6937769 01	6.4165971 01	1.1110374 02
7.4000001 01	1.4685330 01	3.2523884 01	4.7209214 01
7.5000001 01	3.8132499 00	2.0797304 01	2.4610554 01
7.6000001 01	1.0670014 00	1.7093674 01	1.8160675 01
7.8000001 01	3.1824798-01	1.5064756 01	1.5383003 01
8.0000001 01	2.0748720-01	1.4208313 01	1.4415800 01
8.5000002 01	1.1596595-01	1.3090225 01	1.3206191 01
9.0000001 01	8.7971193-02	1.2467148 01	1.2555119 01
9.5000002 01	7.9315619-02	1.1996256 01	1.2075571 01
1.0000001 02	8.4164837-02	1.1533148 01	1.1617312 01
1.0500002 02	1.8057926-01	1.0891278 01	1.1071857 01
1.0800002 02	3.9828853 00	1.1002749 01	1.4985634 01
1.1000001 02	2.1339415 01	1.4790174 01	3.6129588 01
1.1100001 02	3.6464793 01	1.8732625 01	5.5197418 01
1.1200001 02	5.0696620 01	2.2913288 01	7.3609908 01
1.1300001 02	5.7500695 01	2.5524341 01	8.3025036 01
1.1400001 02	5.3661294 01	2.5388848 01	7.9050142 01
1.1450001 02	4.8550161 01	2.4402642 01	7.2952803 01
1.1500001 02	4.2490446 01	2.3104264 01	6.5594709 01
1.1600001 02	3.1915481 01	2.0899475 01	5.2814956 01
1.1700001 02	2.9449983 01	2.1374908 01	5.0824891 01
1.1750002 02	3.2410880 01	2.3155497 01	5.5566377 01
1.1800001 02	3.8001705 01	2.5993852 01	6.3995558 01
1.1850002 02	4.5591565 01	2.9706093 01	7.5297658 01
1.1900001 02	5.4206466 01	3.3942837 01	8.8149303 01
1.1950002 02	6.2651158 01	3.8226612 01	1.0087777 02
1.2000001 02	6.9683781 01	4.2018919 01	1.1170270 02
1.2050001 02	7.4227001 01	4.4813239 01	1.1904024 02
1.2100001 02	7.5560584 01	4.6228565 01	1.2178915 02
1.2150001 02	7.3453264 01	4.6082405 01	1.1953567 02
1.2200001 02	6.8190041 01	4.4419869 01	1.1260991 02
1.2300001 02	5.1360833 01	3.7702180 01	8.9063013 01
1.2400001 02	3.2941143 01	2.9313125 01	6.2254268 01
1.2450002 02	2.5322061 01	2.5480296 01	5.0802356 01
1.2500001 02	1.9417500 01	2.2216061 01	4.1633561 01
1.2550002 02	1.5353145 01	1.9612860 01	3.4966005 01
1.2600001 02	1.3017790 01	1.7664750 01	3.0682540 01
1.2650002 02	1.2130933 01	1.6298605 01	2.8429538 01
1.2700001 02	1.2312868 01	1.5407137 01	2.7720005 01
1.2800001 02	1.4214072 01	1.4588896 01	2.8802968 01
1.2850001 02	1.5164550 01	1.4458944 01	2.9623494 01
1.2900001 02	1.5719887 01	1.4408974 01	3.0128861 01
1.2950001 02	1.5710677 01	1.4383364 01	3.0094041 01
1.3000001 02	1.5081422 01	1.4344693 01	2.9426115 01
1.3100001 02	1.2248137 01	1.4157939 01	2.6406076 01
1.3200002 02	8.3921113 00	1.3826023 01	2.2218135 01
1.3300002 02	4.8662517 00	1.3434955 01	1.8301207 01
1.3400002 02	2.4085607 00	1.3075817 01	1.5484378 01
1.3600002 02	4.1554464-01	1.2581108 01	1.2996653 01
1.3700002 02	1.7811775-01	1.2422217 01	1.2600335 01
1.3800000 02	1.0208404-01	1.2294455 01	1.2396539 01

TABLE VIII (Continued)

T = 5.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.3900002 02	8.4285712-02	1.2184188 01	1.2268474 01
1.4000001 02	9.1183369-02	1.2083929 01	1.2175113 01
1.4100002 02	1.2007242-01	1.1989844 01	1.2109916 01
1.4200002 02	1.7768361-01	1.1900159 01	1.2077842 01
1.4400002 02	3.7252876-01	1.1732268 01	1.2104797 01
1.4500001 02	4.6607229-01	1.1653511 01	1.2119583 01
1.4600001 02	5.1298130-01	1.1576303 01	1.2089284 01
1.4700001 02	4.9875985-01	1.1497789 01	1.1996549 01
1.4800002 02	4.4297646-01	1.1415032 01	1.1858008 01
1.4900000 02	3.9317267-01	1.1326319 01	1.1719492 01
1.4950002 02	3.8863233-01	1.1279723 01	1.1668355 01
1.5000001 02	4.0143617-01	1.1231836 01	1.1633272 01
1.5100002 02	4.9692511-01	1.1133336 01	1.1630261 01
1.5200002 02	6.6651537-01	1.1032889 01	1.1699405 01
1.5300002 02	8.5354639-01	1.0931176 01	1.1784722 01
1.5400001 02	9.8090650-01	1.0826038 01	1.1806945 01
1.5450001 02	1.0061041 00	1.0770700 01	1.1776804 01
1.5500001 02	9.9147134-01	1.0712336 01	1.1703808 01
1.5600001 02	8.8030827-01	1.0583353 01	1.1463662 01
1.5700002 02	6.9439263-01	1.0432838 01	1.1127230 01
1.5800001 02	5.0162339-01	1.0256242 01	1.0757866 01
1.5900002 02	3.5692143-01	1.0051897 01	1.0408818 01
1.6000001 02	2.9501127-01	9.8280587 00	1.0123070 01
1.6050002 02	3.0850711-01	9.7206949 00	1.0029202 01
1.6100002 02	3.6586977-01	9.6332112 00	9.9990809 00
1.6200002 02	7.2152214-01	9.6381519 00	1.0359674 01
1.6300002 02	1.7687700 00	1.0302289 01	1.2071059 01
1.6500001 02	9.9549713 00	1.8436920 01	2.8391891 01
1.6600001 02	2.0113785 01	2.9755536 01	4.9869321 01
1.6700001 02	3.5686087 01	4.7971972 01	8.3658058 01
1.6800001 02	5.5367785 01	7.1977145 01	1.2734493 02
1.6900001 02	7.5035080 01	9.7145010 01	1.7218009 02
1.7000001 02	8.8831427 01	1.1637179 02	2.0520322 02
1.7100001 02	9.1934991 01	1.2331256 02	2.1524755 02
1.7200001 02	8.3266917 01	1.1584931 02	1.9911623 02
1.7250001 02	7.5410594 01	1.0755644 02	1.8296703 02
1.7300001 02	6.6092376 01	9.7212854 01	1.6330523 02
1.7400001 02	4.6057476 01	7.3928954 01	1.1998643 02
1.7500001 02	2.8250104 01	5.2306913 01	8.0557017 01
1.7600002 02	1.5314445 01	3.5952495 01	5.1266940 01
1.7800002 02	3.2323800 00	1.9115022 01	2.2347402 01
1.8000001 02	5.7018375-01	1.5020300 01	1.5590484 01
1.8200002 02	2.1352951-01	1.3733741 01	1.3947270 01
1.8300002 02	2.3497141-01	1.3369123 01	1.3604095 01
1.8500001 02	8.2726681-01	1.2864940 01	1.3692206 01
1.8700002 02	3.8930347 00	1.3010624 01	1.6903659 01
1.8900002 02	1.2680240 01	1.4853762 01	2.7534002 01
1.9000001 02	1.9236519 01	1.6575763 01	3.5812282 01
1.9100001 02	2.5958106 01	1.8555974 01	4.4514080 01
1.9200001 02	3.1259442 01	2.0337581 01	5.1597023 01
1.9300002 02	3.3847878 01	2.1459770 01	5.5307648 01
1.9350001 02	3.3990848 01	2.1689249 01	5.5680097 01
1.9400001 02	3.3456781 01	2.1697816 01	5.5154597 01
1.9500001 02	3.1025166 01	2.1188754 01	5.2213920 01
1.9600001 02	2.8124286 01	2.0340848 01	4.8465134 01
1.9650001 02	2.6923553 01	1.9930486 01	4.6854039 01
1.9700001 02	2.6002593 01	1.9583096 01	4.5585689 01
1.9800001 02	2.4912039 01	1.9128116 01	4.4040155 01
2.0000001 02	2.2686791 01	1.8657788 01	4.1344579 01
2.0100001 02	1.9924228 01	1.8174377 01	3.8098605 01
2.0200001 02	1.6002594 01	1.7386523 01	3.3389117 01
2.0300001 02	1.1630662 01	1.6394893 01	2.8025555 01

TABLE VIII (Continued)

T = 5.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.0400001 02	7.6206297 00	1.5376629 01	2.2997258 01
2.0500001 02	4.5052375 00	1.4483507 01	1.8988745 01
2.0700002 02	1.1926743 00	1.3283959 01	1.4476633 01
2.0800002 02	5.6315867-01	1.2928237 01	1.3491396 01
2.0900002 02	2.7615269-01	1.2664594 01	1.2940747 01
2.0950002 02	2.0963422-01	1.2554914 01	1.2764548 01
2.1000001 02	1.7546845-01	1.2454418 01	1.2629886 01
2.1050002 02	1.6933949-01	1.2362145 01	1.2531484 01
2.1100002 02	1.8964416-01	1.2277461 01	1.2467105 01
2.1200002 02	3.3651077-01	1.2141918 01	1.2478429 01
2.1300000 02	7.3547911-01	1.2099181 01	1.2834660 01
2.1400002 02	1.6332664 00	1.2264770 01	1.3898036 01
2.1500001 02	3.3988157 00	1.2820732 01	1.6219548 01
2.1700002 02	1.1273446 01	1.6163334 01	2.7436780 01
2.2000001 02	3.1135443 01	2.6473055 01	5.7608498 01
2.2100001 02	3.5480819 01	2.9338137 01	6.4818956 01
2.2200001 02	3.6437293 01	3.0661031 01	6.7098323 01
2.2250001 02	3.5519512 01	3.0626576 01	6.6146088 01
2.2300001 02	3.3744273 01	3.0134495 01	6.3878768 01
2.2500001 02	2.1294055 01	2.4893701 01	4.6187756 01
2.2600002 02	1.4541696 01	2.1591022 01	3.6132718 01
2.2700002 02	8.9981003 00	1.8683224 01	2.7681324 01
2.2800002 02	5.0600829 00	1.6462677 01	2.1522760 01
2.3000001 02	1.2373110 00	1.3994124 01	1.5231435 01
2.3300002 02	1.3371991-01	1.2843433 01	1.2977153 01
2.3400002 02	8.6587682-02	1.2674690 01	1.2761278 01
2.3500000 02	6.9493270-02	1.2535117 01	1.2604610 01
2.3600002 02	6.3525926-02	1.2409375 01	1.2472901 01
2.3700002 02	6.2018122-02	1.2289587 01	1.2351605 01
2.3800002 02	6.3690905-02	1.2171152 01	1.2234843 01
2.3900002 02	7.0927602-02	1.2051519 01	1.2122446 01
2.4000001 02	9.2275986-02	1.1930797 01	1.2023073 01
2.4100002 02	1.5050745-01	1.1815922 01	1.1966430 01
2.4300000 02	6.4012688-01	1.1723261 01	1.2363388 01
2.4500002 02	2.7053540 00	1.2388268 01	1.5093622 01
2.4700002 02	8.4727698 00	1.5141086 01	2.3613856 01
2.4800002 02	1.3112937 01	1.7637518 01	3.0750455 01
2.4900002 02	1.8515072 01	2.0744610 01	3.9259682 01
2.5000001 02	2.3843428 01	2.4037052 01	4.7880480 01
2.5100001 02	2.8010981 01	2.6892350 01	5.4903331 01
2.5200001 02	3.0038706 01	2.8680286 01	5.8718992 01
2.5300001 02	2.9445328 01	2.8998217 01	5.8443545 01
2.5400001 02	2.6465857 01	2.7832550 01	5.4298407 01
2.5450002 02	2.4338878 01	2.6799814 01	5.1138692 01
2.5500001 02	2.1981004 01	2.5562299 01	4.7543303 01
2.5600002 02	1.7205263 01	2.2810590 01	4.0015853 01
2.5700000 02	1.3295001 01	2.0228455 01	3.3523456 01
2.5800002 02	1.1044579 01	1.8312567 01	2.9357146 01
2.5900000 02	1.0742734 01	1.7313212 01	2.8055946 01
2.6000001 02	1.2171070 01	1.7226528 01	2.9397598 01
2.6100001 02	1.4696999 01	1.7839972 01	3.2536971 01
2.6200001 02	1.7437796 01	1.8804785 01	3.6242581 01
2.6300001 02	1.9485573 01	1.9726720 01	3.9212293 01
2.6400001 02	2.0156442 01	2.0266723 01	4.0423165 01
2.6500000 02	1.9183860 01	2.0228499 01	3.9412359 01
2.6600001 02	1.6767810 01	1.9598787 01	3.6366597 01
2.6700002 02	1.3456777 01	1.8524177 01	3.1980954 01
2.6800001 02	9.9215318 00	1.7236101 01	2.7157633 01
2.6900002 02	6.7279448 00	1.5961592 01	2.2689537 01
2.7000001 02	4.2046490 00	1.4858873 01	1.9063522 01
2.7200000 02	1.3128265 00	1.3367713 01	1.4680539 01
2.7400002 02	3.6758529-01	1.2616814 01	1.2984399 01

TABLE VIII (Continued)

T = 5.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
2.7500001 02	2.6377035-01	1.2392948 01	1.2656718 01
2.7600002 02	3.2360608-01	1.2232237 01	1.2555843 01
2.7800002 02	1.1219152 00	1.2151966 01	1.3273881 01
2.8000001 02	3.7859695 00	1.2790134 01	1.6576104 01
2.8100002 02	6.2797700 00	1.3620087 01	1.9899857 01
2.8200002 02	9.5548959 00	1.4817514 01	2.4372410 01
2.8400002 02	1.7513708 01	1.8188265 01	3.5701973 01
2.8500001 02	2.1003650 01	1.9908582 01	4.0912232 01
2.8600001 02	2.3235834 01	2.1243801 01	4.4479635 01
2.8700000 02	2.3719109 01	2.1926843 01	4.5645952 01
2.8800001 02	2.2351128 01	2.1830657 01	4.4181785 01
2.9000001 02	1.5644750 01	1.9664152 01	3.5308902 01
2.9200002 02	8.0191634 00	1.6514533 01	2.4533696 01
2.9300002 02	5.1366723 00	1.5155264 01	2.0291937 01
2.9400002 02	3.0925974 00	1.4085652 01	1.7178250 01
2.9500001 02	1.8210567 00	1.3312661 01	1.5133717 01
2.9600002 02	1.1969240 00	1.2808793 01	1.4005717 01
2.9700000 02	1.1036936 00	1.2533713 01	1.3637406 01
2.9800000 02	1.5240186 00	1.2497855 01	1.4021873 01
2.9900002 02	2.5088372 00	1.2742509 01	1.5251346 01
3.0000001 02	4.1109000 00	1.3298747 01	1.7409647 01
3.0200002 02	9.2925154 00	1.5566668 01	2.4859183 01
3.0400002 02	1.5650731 01	1.8863261 01	3.4513992 01
3.0500001 02	1.8136052 01	2.0367251 01	3.8503302 01
3.0600001 02	1.9488977 01	2.1405396 01	4.0894373 01
3.0700001 02	1.9426163 01	2.1775744 01	4.1201907 01
3.0800001 02	1.7968054 01	2.1417731 01	3.9385785 01
3.0900000 02	1.5428741 01	2.0427185 01	3.5855926 01
3.1000001 02	1.2306332 01	1.9016826 01	3.1323158 01
3.1200001 02	6.2978924 00	1.5932566 01	2.230459 01
3.1400001 02	2.4453020 00	1.3603333 01	1.6048634 01
3.1500001 02	1.3973900 00	1.2834871 01	1.4232260 01
3.1600001 02	7.8246314-01	1.2280450 01	1.3062913 01
3.1700002 02	4.7827466-01	1.1890320 01	1.2368595 01
3.1800001 02	3.9938401-01	1.1629412 01	1.2028796 01
3.1900002 02	5.3413166-01	1.1517978 01	1.2052110 01
3.2000000 02	9.3278436-01	1.1616755 01	1.2549539 01
3.2100002 02	1.7405887 00	1.2092609 01	1.3833198 01
3.2200002 02	3.1390917 00	1.3123434 01	1.6262526 01
3.2500002 02	1.3006752 01	2.2220464 01	3.5227216 01
3.2600002 02	1.8249099 01	2.7547878 01	4.5796977 01
3.2800001 02	2.9147910 01	3.9484723 01	6.8632633 01
3.2900002 02	3.3181334 01	4.4432404 01	7.7613738 01
3.3000002 02	3.5248665 01	4.7540582 01	8.2789248 01
3.3100002 02	3.4976689 01	4.8272463 01	8.3249152 01
3.3200002 02	3.2487190 01	4.6580268 01	7.9067458 01
3.3400002 02	2.3543723 01	3.8127763 01	6.1671485 01
3.3600002 02	1.5448629 01	2.8878893 01	4.4327522 01
3.3700002 02	1.3492246 01	2.5879737 01	3.9371983 01
3.3800002 02	1.3213353 01	2.4406797 01	3.7620150 01
3.3900002 02	1.4371390 01	2.4367742 01	3.8739132 01
3.4000002 02	1.6445529 01	2.5399028 01	4.1844557 01
3.4200002 02	2.0612105 01	2.8490793 01	4.9102898 01
3.4300001 02	2.1464999 01	2.9463125 01	5.0928124 01
3.4400001 02	2.1025605 01	2.9557809 01	5.0583414 01
3.4500001 02	1.9314298 01	2.8683611 01	4.7997909 01
3.4700002 02	1.3398972 01	2.4721364 01	3.8120336 01
3.5000001 02	4.7731391 00	1.7900451 01	2.2673590 01
3.5200002 02	1.7927172 00	1.5068569 01	1.6861286 01
3.5300002 02	1.0610149 00	1.4208977 01	1.5269992 01
3.5400002 02	6.8103679-01	1.3614393 01	1.4295430 01
3.5500001 02	5.8929525-01	1.3248188 01	1.3837483 01

TABLE VIII (Continued)

T = 5.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
3.5600002 02	7.6222991-01	1.3089914 01	1.3852144 01
3.5700002 02	1.2454554 00	1.3180991 01	1.4426446 01
3.5800002 02	2.1214222 00	1.3580141 01	1.5701563 01
3.6000001 02	5.6083098 00	1.5835773 01	2.1444083 01
3.6200001 02	1.1974089 01	2.0616436 01	3.2590525 01
3.6300002 02	1.6096341 01	2.3883743 01	3.9980083 01
3.6400001 02	2.0497238 01	2.7456624 01	4.7953862 01
3.6500001 02	2.4768117 01	3.0989951 01	5.5758068 01
3.6600001 02	2.8454623 01	3.4095920 01	6.2550542 01
3.6700001 02	3.1140350 01	3.6422531 01	6.7562881 01
3.6800001 02	3.2521694 01	3.7723215 01	7.0244909 01
3.7000001 02	3.0984527 01	3.6998418 01	6.7982945 01
3.7200001 02	2.4723630 01	3.2749903 01	5.7473533 01
3.7400002 02	1.6450119 01	2.7031059 01	4.3481177 01
3.7600002 02	9.0371926 00	2.1792847 01	3.0830040 01
3.7800002 02	4.0628027 00	1.8074511 01	2.2137313 01
3.8000001 02	1.4960016 00	1.5919780 01	1.7415782 01
3.8200002 02	4.6811494-01	1.4835659 01	1.5303774 01
3.8400002 02	1.4258871-01	1.4297223 01	1.4439811 01
3.8500001 02	8.6911410-02	1.4126657 01	1.4213569 01
3.8600002 02	6.1491589-02	1.3990240 01	1.4051732 01
3.8700002 02	5.2230184-02	1.3874588 01	1.3926818 01
3.8800002 02	5.3897064-02	1.3772095 01	1.3825992 01
3.8900002 02	6.7570045-02	1.3678638 01	1.3746208 01
3.9000000 02	1.0023553-01	1.3592588 01	1.3692823 01
3.9300002 02	4.9179800-01	1.3399542 01	1.3891340 01
3.9500001 02	1.2959159 00	1.3391857 01	1.4687773 01
3.9600002 02	1.9572673 00	1.3457070 01	1.5414337 01
3.9800002 02	3.7823686 00	1.3761818 01	1.7544187 01
4.0000001 02	5.8201927 00	1.4249638 01	2.0069831 01
4.0100000 02	6.6242806 00	1.4502290 01	2.1126570 01
4.0250001 02	7.2239174 00	1.4795310 01	2.2019228 01
4.0300001 02	7.2263477 00	1.4854786 01	2.2081134 01
4.0400001 02	6.9297922 00	1.4902400 01	2.1832192 01
4.0500001 02	6.2809114 00	1.4852741 01	2.1133652 01
4.0600002 02	5.3840924 00	1.4717234 01	2.0101326 01
4.0800002 02	3.3627604 00	1.4288564 01	1.7651324 01
4.1000002 02	1.7203197 00	1.3831935 01	1.5552254 01
4.1200000 02	7.5870201-01	1.3483201 01	1.4241903 01
4.1500001 02	2.2031840-01	1.3182918 01	1.3403237 01
4.2000001 02	5.4298301-02	1.2945500 01	1.2999798 01
4.2500002 02	2.5633694-02	1.2778064 01	1.2803698 01
4.2800002 02	2.3378104-02	1.2685429 01	1.2708807 01
4.3000001 02	2.3139512-02	1.2624309 01	1.2647448 01
4.3500002 02	2.3500826-02	1.2466577 01	1.2490078 01
4.4000001 02	2.4876431-02	1.2288227 01	1.2313104 01
4.4500002 02	3.1760929-02	1.2061888 01	1.2093649 01
4.5000001 02	1.2640586-01	1.1773004 01	1.1899410 01
4.5100002 02	2.0422487-01	1.1741090 01	1.1945314 01
4.5300002 02	5.6989892-01	1.1854842 01	1.2424741 01
4.5600000 02	2.3798514 00	1.3323418 01	1.5703270 01
4.5800001 02	5.1221602 00	1.6080060 01	2.1202220 01
4.6000001 02	9.1742249 00	2.0579696 01	2.9753921 01
4.6200001 02	1.3540540 01	2.5906738 01	3.9447277 01
4.6400001 02	1.6414597 01	3.0039016 01	4.6453613 01
4.6500001 02	1.6782827 01	3.1005096 01	4.7787923 01
4.6600001 02	1.6334138 01	3.1049855 01	4.7383994 01
4.6700001 02	1.5134827 01	3.0192610 01	4.5327437 01
4.6800001 02	1.3353156 01	2.8578038 01	4.1931194 01
4.7000001 02	8.9832529 00	2.4048090 01	3.3031343 01
4.7300002 02	3.4726821 00	1.7580543 01	2.1053225 01
4.7500001 02	1.5040534 00	1.4915996 01	1.6420050 01

TABLE VIII (Continued)

T = 5.0 ev

E_n (ev)	σ_n (barns)	σ_S (barns)	σ_T (barns)
4.7700002 02	6.9325909-01	1.3519113 01	1.4212372 01
4.7800002 02	6.1608898-01	1.3199406 01	1.3815495 01
4.7900002 02	7.3278088-01	1.3106713 01	1.3839494 01
4.8000001 02	1.0610085 00	1.3271164 01	1.4332172 01
4.8100002 02	1.6241232 00	1.3713073 01	1.5337196 01
4.8200002 02	2.4885171 00	1.4551593 01	1.7040110 01
4.8500001 02	7.0474624 00	1.9741769 01	2.6789231 01
4.8700001 02	1.1229273 01	2.5110084 01	3.6339356 01
4.8900001 02	1.4824649 01	3.0292017 01	4.5116666 01
4.9000001 02	1.5872734 01	3.2116893 01	4.7989627 01
4.9100001 02	1.6215712 01	3.3118964 01	4.9334676 01
4.9200001 02	1.5808465 01	3.3186198 01	4.8994663 01
4.9400001 02	1.3064875 01	3.0705877 01	4.3770752 01
4.9500001 02	1.1080472 01	2.8524024 01	3.9604496 01
4.9800002 02	5.1487468 00	2.1237960 01	2.6386707 01
5.0000001 02	2.5085019 00	1.7582733 01	2.0091235 01
5.0200002 02	1.1415416 00	1.5367038 01	1.6508580 01
5.0300002 02	8.3039302-01	1.4687813 01	1.5518206 01
5.0400002 02	7.0717821-01	1.4222018 01	1.4929196 01
5.0500001 02	7.2847227-01	1.3906197 01	1.4634669 01
5.0600002 02	8.5157115-01	1.3690005 01	1.4541576 01
5.0700002 02	1.0584070 00	1.3547936 01	1.4606343 01
5.0800002 02	1.3101254 00	1.3453505 01	1.4763630 01
5.1000001 02	1.8342988 00	1.3354114 01	1.5188413 01
5.1200001 02	2.1793171 00	1.3310965 01	1.5490282 01
5.1300001 02	2.2253999 00	1.3292366 01	1.5517766 01
5.1400001 02	2.1765316 00	1.3268383 01	1.5444915 01
5.1600001 02	1.8451935 00	1.3193097 01	1.5038290 01
5.1800002 02	1.3935528 00	1.3087029 01	1.4480582 01
5.1900001 02	1.2238996 00	1.3036716 01	1.4260615 01
5.2000001 02	1.1413460 00	1.3000394 01	1.4141740 01
5.2100002 02	1.1805474 00	1.2990377 01	1.4170924 01
5.2200002 02	1.3693734 00	1.3020188 01	1.4389561 01
5.2300001 02	1.7259736 00	1.3102960 01	1.4828933 01
5.2500001 02	2.9405442 00	1.3463514 01	1.6404058 01
5.2700001 02	4.6153871 00	1.4072883 01	1.8688270 01
5.2900002 02	6.2095662 00	1.4781194 01	2.0990760 01
5.3000001 02	6.7621935 00	1.5090269 01	2.1852463 01
5.3100001 02	7.0576251 00	1.5322824 01	2.2380449 01
5.3200001 02	7.0615135 00	1.5452814 01	2.2514327 01
5.3300001 02	6.7779732 00	1.5467231 01	2.2245204 01
5.3500001 02	5.5409956 00	1.5171323 01	2.0712318 01
5.3700000 02	3.9302017 00	1.4595812 01	1.8526014 01
5.3900002 02	2.5225339 00	1.3976231 01	1.6498765 01
5.4000001 02	1.9904116 00	1.3706691 01	1.5697103 01
5.4100001 02	1.5777185 00	1.3478539 01	1.5056257 01
5.4200001 02	1.2679457 00	1.3293302 01	1.4561248 01
5.4300001 02	1.0373559 00	1.3147233 01	1.4184589 01
5.4400001 02	8.6184838-01	1.3033607 01	1.3895455 01
5.4500001 02	7.2125030-01	1.2944713 01	1.3665963 01
5.4700002 02	4.9568065-01	1.2813286 01	1.3308967 01
5.4900001 02	3.1500706-01	1.2711144 01	1.3026151 01
5.5000002 02	2.4167831-01	1.2664019 01	1.2905697 01
5.5200001 02	1.3358302-01	1.2571770 01	1.2705353 01
5.5400002 02	7.5882061-02	1.2479486 01	1.2555368 01
5.5500002 02	6.4645137-02	1.2433400 01	1.2498045 01
5.5700002 02	8.3098576-02	1.2346217 01	1.2429315 01
5.6000001 02	3.1685861-01	1.2288338 01	1.2605196 01
5.6200002 02	7.9690511-01	1.2413431 01	1.3210336 01
5.6500002 02	2.4786251 00	1.3193535 01	1.5672160 01
5.6600001 02	3.3501129 00	1.3672969 01	1.7023081 01
5.6700001 02	4.3519026 00	1.4262297 01	1.8614199 01

TABLE VIII (Continued)

T = 5.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
5.6800001 02	5.4323382 00	1.4938242 01	2.0370580 01
5.7000000 02	7.5127658 00	1.6371284 01	2.3884050 01
5.7200001 02	8.8783629 00	1.7510517 01	2.6388880 01
5.7300001 02	9.1097238 00	1.7825895 01	2.6935619 01
5.7400001 02	9.0034166 00	1.7926235 01	2.6929652 01
5.7500001 02	8.5797853 00	1.7807765 01	2.6387550 01
5.7600001 02	7.8942614 00	1.7492623 01	2.5386885 01
5.8000001 02	4.1497264 00	1.5238429 01	1.9386156 01
5.8200001 02	2.6000280 00	1.4192601 01	1.6792629 01
5.8500001 02	1.1672225 00	1.3195973 01	1.4363196 01
5.8600001 02	8.9261053-01	1.2995369 01	1.3887979 01
5.8800002 02	5.8671309-01	1.2724349 01	1.3311062 01
5.8900001 02	5.4842495-01	1.2637213 01	1.3185638 01
5.9000001 02	5.8918861-01	1.2576604 01	1.3165792 01
5.9200002 02	9.3042233-01	1.2535326 01	1.3465748 01
5.9500001 02	2.1148341 00	1.2705850 01	1.4820684 01
5.9700001 02	3.1907218 00	1.2971441 01	1.6162163 01
5.9800002 02	3.7100564 00	1.3129618 01	1.6839674 01
6.0000001 02	4.4764363 00	1.3428529 01	1.7904965 01
6.0100001 02	4.6435598 00	1.3538737 01	1.8182297 01
6.0200001 02	4.6366162 00	1.3605662 01	1.8242278 01
6.0300001 02	4.4572410 00	1.3622066 01	1.8079307 01
6.0500001 02	3.6828027 00	1.3503543 01	1.7186346 01
6.0600002 02	3.1718419 00	1.3382071 01	1.6553913 01
6.0700001 02	2.6436507 00	1.3234202 01	1.5877852 01
6.0800001 02	2.1441113 00	1.3073054 01	1.5217165 01
6.0900002 02	1.7102093 00	1.2910837 01	1.4621047 01
6.1000001 02	1.3677339 00	1.2757681 01	1.4125415 01
6.1200002 02	1.0046391 00	1.2505632 01	1.3510271 01
6.1500001 02	1.2030478 00	1.2300080 01	1.3503128 01
6.1600002 02	1.4040311 00	1.2274907 01	1.3678938 01
6.1800001 02	1.8597146 00	1.2271274 01	1.4130989 01
6.2000001 02	2.2052273 00	1.2298885 01	1.4504112 01
6.2100001 02	2.2805162 00	1.2311495 01	1.4592011 01
6.2200001 02	2.2749931 00	1.2316975 01	1.4591968 01
6.2400002 02	2.0297295 00	1.2294057 01	1.4323786 01
6.2500001 02	1.8152592 00	1.2263060 01	1.4078319 01
6.2600001 02	1.5658147 00	1.2219868 01	1.3785682 01
6.2800002 02	1.0466897 00	1.2105825 01	1.3152515 01
6.3000001 02	6.0965112-01	1.1973436 01	1.2583087 01
6.3500002 02	1.0058807-01	1.1656542 01	1.1757130 01
6.3700001 02	5.0904645-02	1.1540490 01	1.1591395 01
6.3800002 02	4.0047941-02	1.1482465 01	1.1522513 01
6.3900002 02	3.4902150-02	1.1423576 01	1.1458478 01
6.4000000 02	3.4214859-02	1.1363418 01	1.1397633 01
6.4200002 02	4.7347767-02	1.1239844 01	1.1287191 01
6.4300002 02	6.5416300-02	1.1178592 01	1.1244008 01
6.4500002 02	1.5061262-01	1.1072969 01	1.1223582 01
6.4600002 02	2.3669196-01	1.1041528 01	1.1278220 01
6.4700002 02	3.7022102-01	1.1037973 01	1.1408194 01
6.4800001 02	5.6938455-01	1.1076720 01	1.1646105 01
6.5000001 02	1.2471942 00	1.1351846 01	1.2599040 01
6.5200001 02	2.4181380 00	1.2008141 01	1.4426279 01
6.5300002 02	3.2073272 00	1.2506807 01	1.5714134 01
6.5600001 02	6.1613563 00	1.4562848 01	2.0724204 01
6.5800001 02	8.1523608 00	1.6035329 01	2.4187690 01
6.6000001 02	9.6492194 00	1.7132725 01	2.6781944 01
6.6100001 02	1.0122749 01	1.7453015 01	2.7575764 01
6.6300001 02	1.0514947 01	1.7652528 01	2.8167475 01
6.6400001 02	1.0488485 01	1.7622611 01	2.8111096 01
6.6600001 02	1.0210035 01	1.7731098 01	2.7941133 01
6.6700001 02	1.0056064 01	1.8102470 01	2.8158534 01

TABLE VIII (Continued)

T = 5.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.6800001 02	9.9549722 00	1.8858098 01	2.8813070 01
6.6900001 02	9.9474169 00	2.0123820 01	3.0071237 01
6.7000001 02	1.0068383 01	2.2005017 01	3.2073400 01
6.7100001 02	1.0341952 01	2.4566652 01	3.4908604 01
6.7200001 02	1.0778743 01	2.7813902 01	3.8592644 01
6.7400001 02	1.2078012 01	3.5980299 01	4.8058311 01
6.7500001 02	1.2849080 01	4.0488232 01	5.3337311 01
6.7700001 02	1.4255646 01	4.8802954 01	6.3058600 01
6.7800001 02	1.4721907 01	5.1923825 01	6.6645732 01
6.7900001 02	1.4940597 01	5.3968594 01	6.8909190 01
6.8000001 02	1.4882698 01	5.4771117 01	6.9653815 01
6.8100001 02	1.4559393 01	5.4298699 01	6.8858093 01
6.8300001 02	1.3344323 01	5.0068029 01	6.3412352 01
6.8500001 02	1.1945104 01	4.3286679 01	5.5231783 01
6.8600001 02	1.1374670 01	3.9732770 01	5.1107440 01
6.8700002 02	1.0944561 01	3.6418701 01	4.7363262 01
6.8800001 02	1.0651198 01	3.3504086 01	4.4155284 01
6.9000001 02	1.0311602 01	2.9058841 01	3.9370443 01
6.9100001 02	1.0148355 01	2.7443804 01	3.7592159 01
6.9200001 02	9.9179589 00	2.6110857 01	3.6028815 01
6.9300001 02	9.5906526 00	2.4959013 01	3.4549666 01
6.9500000 02	8.6599051 00	2.2899795 01	3.1559700 01
6.9700002 02	7.6020068 00	2.0975148 01	2.8577155 01
6.9800002 02	7.1462257 00	2.0086454 01	2.7232679 01
6.9900001 02	6.7888213 00	1.9282466 01	2.6071287 01
7.0000001 02	6.5439275 00	1.8586319 01	2.5130246 01
7.0200001 02	6.3466827 00	1.7552458 01	2.3899141 01
7.0400001 02	6.3396739 00	1.6936750 01	2.3276423 01
7.0500002 02	6.3298960 00	1.6738499 01	2.3068395 01
7.0600002 02	6.2947679 00	1.6589437 01	2.2884205 01
7.0800001 02	6.1758662 00	1.6406230 01	2.2582096 01
7.1000001 02	6.1354809 00	1.6387412 01	2.2522893 01
7.1300001 02	6.4884597 00	1.6720711 01	2.3209171 01
7.1500001 02	6.8251454 00	1.7060104 01	2.3885250 01
7.1700001 02	6.8722251 00	1.7246974 01	2.4119199 01
7.1900001 02	6.3710904 00	1.7073213 01	2.3444303 01
7.2000001 02	5.9023461 00	1.6823035 01	2.2725381 01
7.2200001 02	4.6529664 00	1.6039398 01	2.0692364 01
7.2400002 02	3.2636141 00	1.5034618 01	1.8298232 01
7.2500001 02	2.6192929 00	1.4520997 01	1.7140290 01
7.2800002 02	1.2070190 00	1.3273794 01	1.4480813 01
7.3000001 02	8.0515152-01	1.2996035 01	1.3801186 01
7.3100002 02	7.7807762-01	1.2155508 01	1.3933585 01
7.3200001 02	8.7440885-01	1.3604932 01	1.4479341 01
7.3500001 02	2.0225279 00	1.7632122 01	1.9654650 01
7.4000001 02	7.1627700 00	3.7399963 01	4.4562733 01
7.4200001 02	9.7061776 00	4.8244264 01	5.7950442 01
7.4400001 02	1.1635985 01	5.7387069 01	6.9023055 01
7.4500001 02	1.2167084 01	6.0442050 01	7.2609134 01
7.4600001 02	1.2338201 01	6.2135663 01	7.4473864 01
7.4800001 02	1.1575105 01	6.1085068 01	7.2660172 01
7.5000001 02	9.6137906 00	5.4832513 01	6.4446304 01
7.5200001 02	7.0760417 00	4.5583179 01	5.2659221 01
7.5400000 02	4.6228344 00	3.5970869 01	4.0593703 01
7.5800001 02	1.3997516 00	2.2215009 01	2.3614761 01
7.6000001 02	6.6166082-01	1.8656648 01	1.9318309 01
7.6500000 02	1.1250348-01	1.5199817 01	1.5312320 01
7.7000001 02	2.7143811-01	1.4289929 01	1.4561367 01
7.7200002 02	5.1693792-01	1.4102920 01	1.4619858 01
7.7400002 02	9.1058692-01	1.3986304 01	1.4896891 01
7.7500002 02	1.1628762 00	1.3955149 01	1.5118026 01
7.7600000 02	1.4445662 00	1.3941680 01	1.5386246 01

TABLE VIII(Continued)

T = 5.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
7.7800002 02	2.0462183 00	1.3959552 01	1.6005770 01
7.8000001 02	2.5804729 00	1.4008946 01	1.6589419 01
7.8200001 02	2.8946510 00	1.4040603 01	1.6935254 01
7.8300001 02	2.9341117 00	1.4033379 01	1.6967491 01
7.8400001 02	2.8884926 00	1.4003880 01	1.6892373 01
7.8500001 02	2.7623325 00	1.3949294 01	1.6711627 01
7.8800001 02	2.0390107 00	1.3643501 01	1.5682511 01
7.9000001 02	1.4678997 00	1.3378216 01	1.4846116 01
7.9300002 02	8.6587723-01	1.3158922 01	1.4024799 01
7.9500001 02	8.0639222-01	1.3451148 01	1.4257540 01
7.9700002 02	1.1398988 00	1.4522927 01	1.5662826 01
8.0000001 02	2.5916398 00	1.8651496 01	2.1243135 01
8.0200001 02	4.2423135 00	2.3575746 01	2.7818059 01
8.0400002 02	6.2737350 00	2.9999062 01	3.6272797 01
8.0500001 02	7.3201704 00	3.3480107 01	4.0800277 01
8.0600001 02	8.3043453 00	3.6896512 01	4.5200858 01
8.0800001 02	9.8177979 00	4.2672411 01	5.2490209 01
8.1000001 02	1.0363687 01	4.5752915 01	5.6116602 01
8.1100001 02	1.0205625 01	4.5978032 01	5.6183657 01
8.1200001 02	9.7703577 00	4.5303161 01	5.5073519 01
8.1400001 02	8.2301754 00	4.1618196 01	4.9848371 01
8.1500001 02	7.2430661 00	3.8928199 01	4.6171265 01
8.1600002 02	6.1994561 00	3.5935080 01	4.2134536 01
8.1800002 02	4.1809813 00	2.9806658 01	3.3987639 01
8.1900002 02	3.2960175 00	2.6983323 01	3.0279340 01
8.2000000 02	2.5297998 00	2.4459929 01	2.6989728 01
8.2500001 02	4.6934736-01	1.6976157 01	1.7445504 01
8.3000001 02	1.2254256-01	1.4915306 01	1.5037848 01
8.3200001 02	1.8049586-01	1.4622275 01	1.4802771 01
8.3500001 02	4.9372516-01	1.4431368 01	1.4925093 01
8.4000001 02	1.9888412 00	1.4848960 01	1.6837801 01
8.4200002 02	2.9016607 00	1.5304200 01	1.8205861 01
8.4400002 02	3.7993376 00	1.5844048 01	1.9643385 01
8.4500001 02	4.1738253 00	1.6106635 01	2.0280460 01
8.4600001 02	4.4621333 00	1.6339852 01	2.0801985 01
8.4800001 02	4.7007281 00	1.6651543 01	2.1352271 01
8.5000001 02	4.4448907 00	1.6686070 01	2.1130960 01
8.5200002 02	3.7784929 00	1.6437054 01	2.0215547 01
8.5400001 02	2.9023412 00	1.5982722 01	1.8685063 01
8.5500001 02	2.4590552 00	1.5716348 01	1.8175403 01
8.5800001 02	1.3959012 00	1.4938118 01	1.6334019 01
8.6000001 02	1.0433741 00	1.4538014 01	1.5581388 01
8.6500001 02	1.4077241 00	1.4123557 01	1.5531281 01
8.6600001 02	1.6160842 00	1.4124932 01	1.5741016 01
8.6700002 02	1.8340701 00	1.4144282 01	1.5978352 01
8.6800001 02	2.0438697 00	1.4175898 01	1.6219768 01
8.7000001 02	2.3714763 00	1.4251563 01	1.6623040 01
8.7200001 02	2.4909388 00	1.4304946 01	1.6795885 01
8.7400002 02	2.3633085 00	1.4301303 01	1.6664611 01
8.7500001 02	2.2182052 00	1.4273639 01	1.6491844 01
8.7600001 02	2.0345674 00	1.4229931 01	1.6264499 01
8.7800002 02	1.6176621 00	1.4109244 01	1.5726906 01
8.8000001 02	1.2537629 00	1.3984287 01	1.5238050 01
8.8300001 02	1.0848821 00	1.3931896 01	1.5016778 01
8.8500001 02	1.3460680 00	1.4091446 01	1.5437514 01
8.8700001 02	1.9303601 00	1.4470453 01	1.6400813 01
8.9000000 02	3.2434185 00	1.5438106 01	1.8681524 01
8.9200001 02	4.1553992 00	1.6217541 01	2.0372940 01
8.9400001 02	4.8281216 00	1.6913291 01	2.1741412 01
8.9500001 02	5.0104084 00	1.7173043 01	2.2183451 01
8.9600001 02	5.0683944 00	1.7349540 01	2.2417934 01
8.9800001 02	4.8031891 00	1.7415762 01	2.2218951 01

TABLE VIII (Continued)

T = 5.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
9.0000001 02	4.1090781 00	1.7110905 01	2.1219983 01
9.0200001 02	3.1752601 00	1.6538167 01	1.9713428 01
9.0400002 02	2.2182359 00	1.5851783 01	1.8070019 01
9.0500001 02	1.7859260 00	1.5512181 01	1.7298107 01
9.1000001 02	4.2285390-01	1.4252403 01	1.4675257 01
9.1500002 02	6.6341542-02	1.3728755 01	1.3795096 01
9.2000001 02	1.9363859-02	1.3501406 01	1.3520772 01
9.2500002 02	1.8753803-02	1.3330106 01	1.3348860 01
9.3000001 02	5.7748480-02	1.3167233 01	1.3224982 01
9.3500001 02	3.6716010-01	1.3184155 01	1.3551315 01
9.4000001 02	1.6277475 00	1.4103324 01	1.5731072 01
9.4200001 02	2.5136444 00	1.4916747 01	1.7430392 01
9.4400002 02	3.5249284 00	1.5947169 01	1.9472097 01
9.4600001 02	4.4861409 00	1.7042950 01	2.1529091 01
9.4800001 02	5.1821639 00	1.7982223 01	2.3164387 01
9.5000001 02	5.4369330 00	1.8545226 01	2.3982159 01
9.5200001 02	5.1904840 00	1.8600896 01	2.3791380 01
9.5400002 02	4.5286867 00	1.8158794 01	2.2687480 01
9.5500001 02	4.1016762 00	1.7791493 01	2.1893169 01
9.5600002 02	3.6499951 00	1.7359894 01	2.1009889 01
9.5800002 02	2.7860565 00	1.6412354 01	1.9198410 01
9.5900002 02	2.4201473 00	1.5946146 01	1.8366293 01
9.6000001 02	2.1189830 00	1.5511399 01	1.7630382 01
9.6100001 02	1.8893148 00	1.5121178 01	1.7010493 01
9.6200002 02	1.7314000 00	1.4783175 01	1.6514575 01
9.6300002 02	1.6391868 00	1.4499952 01	1.6139139 01
9.6500001 02	1.6064527 00	1.4087891 01	1.5694344 01
9.6700002 02	1.6789870 00	1.3840074 01	1.5519061 01
9.6800001 02	1.7183402 00	1.3757992 01	1.5476332 01
9.7000001 02	1.7617598 00	1.3639813 01	1.5401572 01
9.7200001 02	1.6832342 00	1.3550460 01	1.5233694 01
9.7500001 02	1.5392322 00	1.3445360 01	1.4984592 01
9.7700002 02	1.5084415 00	1.3420929 01	1.4929371 01
9.7800002 02	1.5577560 00	1.3447513 01	1.5005269 01
9.7900001 02	1.6760714 00	1.3514684 01	1.5190755 01
9.8000001 02	1.8584637 00	1.3630259 01	1.5488722 01
9.8100002 02	2.1189940 00	1.3807432 01	1.5926426 01
9.8200001 02	2.4577402 00	1.4059294 01	1.6517035 01
9.8500001 02	3.8939808 00	1.5377118 01	1.9271099 01
9.8700002 02	5.0883419 00	1.6773152 01	2.1861494 01
9.9000001 02	6.8926034 00	1.9553166 01	2.6445769 01
9.9200001 02	7.8666100 00	2.1578577 01	2.9445187 01

TABLE IX
 Th^{232} CROSS SECTIONS
 Th^{232} Temperature = 10.0 ev

Neutron Energy, E_n (ev)	Radiative Capture Cross Section, σ_γ (barns)	Scattering Cross Section, σ_S (barns)	Total Cross Section, σ_T (barns)
2.5300000-02	7.4773416 00	2.1292202 01	2.8769543 01
5.0000005-02	5.2968765 00	1.7222785 01	2.2519661 01
1.0000001-01	3.7143960 00	1.4788387 01	1.8502783 01
2.5000000-01	2.2927082 00	1.3198294 01	1.5491002 01
5.0000001-01	1.5599364 00	1.2624222 01	1.4184158 01
1.0000001 00	1.0284987 00	1.2272361 01	1.3300880 01
2.0000001 00	6.4799537-01	1.1987680 01	1.2635675 01
5.0000000 00	3.3414402-01	1.1564095 01	1.1898239 01
7.5000000 00	2.5720528-01	1.1319486 01	1.1576691 01
1.0000001 01	2.2727880-01	1.1093514 01	1.1320793 01
1.5000001 01	2.6854058-01	1.0514358 01	1.0782899 01
1.7000002 01	5.1934149-01	1.0084214 01	1.0603556 01
1.8000001 01	2.3892343 00	9.8182447 00	1.2207479 01
1.9000002 01	1.4476227 01	1.0047690 01	2.4523917 01
2.0000001 01	5.6763702 01	1.2498321 01	6.9262723 01
2.0500002 01	9.3386063 01	1.5256237 01	1.0864730 02
2.1000001 01	1.3728627 02	1.9161070 01	1.5644734 02
2.1500001 01	1.8238519 02	2.3968550 01	2.0635374 02
2.2000001 01	2.2115089 02	2.9104160 01	2.5025505 02
2.2500001 01	2.4638588 02	3.3706578 01	2.8009746 02
2.3000001 01	2.5280530 02	3.6805048 01	2.8961035 02
2.3500001 01	2.3854157 02	3.7643719 01	2.7618529 02
2.4000001 01	2.0623512 02	3.6024420 01	2.4225954 02
2.4500001 01	1.6271498 02	3.2434710 01	1.9514969 02
2.5000001 01	1.1678518 02	2.7841681 01	1.4462686 02
2.6000001 01	4.5091957 01	1.9454377 01	6.4546334 01
2.7000002 01	1.2039072 01	1.4837978 01	2.6877050 01
2.8000001 01	2.4405303 00	1.3083023 01	1.5523553 01
2.9000002 01	5.5132577-01	1.2459828 01	1.3011153 01
3.0000001 01	2.5419682-01	1.2161627 01	1.2415824 01
3.2000002 01	1.6412115-01	1.1807823 01	1.1971944 01
3.5000002 01	1.2555062-01	1.1473302 01	1.1598853 01
4.0000001 01	1.0618094-01	1.1070156 01	1.1176337 01
4.5000002 01	1.0668760-01	1.0684295 01	1.0790983 01
4.8000002 01	1.1521766-01	1.0409414 01	1.0524632 01
4.9000002 01	1.2051629-01	1.0302111 01	1.0422627 01
5.0000001 01	1.3010341-01	1.0183784 01	1.0314088 01
5.1000002 01	1.5938367-01	1.0050756 01	1.0210140 01
5.2000002 01	2.8067621-01	9.9133178 00	1.0194954 01
5.5000001 01	6.1051491 00	1.0432790 01	1.6537939 01
5.7000002 01	2.4889026 01	1.4072169 01	3.8961195 01
5.8000001 01	3.7084020 01	1.6766406 01	5.3850425 01
5.9000000 01	4.5253677 01	1.8780578 01	6.4034754 01
5.9500001 01	4.6458064 01	1.9192522 01	6.5650586 01
6.0000001 01	4.5473630 01	1.9118931 01	6.4592561 01
6.1000001 01	3.8013098 01	1.7707852 01	5.5720950 01
6.2000001 01	2.7366500 01	1.5716823 01	4.3083322 01
6.3000001 01	1.9697029 01	1.5463352 01	3.5160381 01
6.4000001 01	2.0759286 01	2.0453648 01	4.1212934 01
6.4500002 01	2.6128357 01	2.6330038 01	5.2458395 01
6.5000001 01	3.5397311 01	3.5246961 01	7.0644271 01
6.6000001 01	6.6396695 01	6.3656564 01	1.3005326 02
6.7000002 01	1.1099980 02	1.0470752 02	2.1570732 02
6.8000002 01	1.5787451 02	1.4920140 02	3.0707591 02
6.9000002 01	1.8988231 02	1.8173980 02	3.7162711 02
6.9500002 01	1.9563715 02	1.8905228 02	3.8468942 02
7.0000002 01	1.9344391 02	1.8916896 02	3.8261287 02
7.1000002 01	1.6746323 02	1.6920423 02	3.3666746 02
7.2000002 01	1.2364972 02	1.3153035 02	2.5518007 02
7.3000002 01	7.8199429 01	9.0709541 01	1.6890897 02
7.4000002 01	4.2582174 01	5.7664376 01	1.0024655 02
7.5000002 01	2.0119816 01	3.6092651 01	5.6212467 01
7.6000002 01	8.3680845 00	2.4262036 01	3.2630121 01

TABLE IX (Continued)

T = 10.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
7.8000002 01	1.1749991 00	1.6094541 01	1.7269540 01
8.0000001 01	2.7928954-01	1.4378395 01	1.4657684 01
8.5000002 01	1.1951264-01	1.3117773 01	1.3237785 01
9.0000001 01	8.9216594-02	1.2475528 01	1.2564744 01
9.5000002 01	8.0358437-02	1.1994657 01	1.2075015 01
1.0000001 02	9.0927466-02	1.1515837 01	1.1606764 01
1.0200002 02	1.5464018-01	1.1293099 01	1.1447739 01
1.0500002 02	1.4273741 00	1.1108802 01	1.2536176 01
1.0800002 02	1.0809342 01	1.2832655 01	2.3641997 01
1.1000001 02	2.5273020 01	1.6400402 01	4.1673422 01
1.1100001 02	3.3157434 01	1.8602290 01	5.1759724 01
1.1200001 02	3.9510075 01	2.0607933 01	6.0118008 01
1.1300001 02	4.3187011 01	2.2116968 01	6.5303979 01
1.1400001 02	4.4109041 01	2.3112406 01	6.7221447 01
1.1500001 02	4.3422424 01	2.3935611 01	6.7356036 01
1.1600001 02	4.2963115 01	2.5132911 01	6.8096026 01
1.1700001 02	4.4264523 01	2.7158704 01	7.1423226 01
1.1800001 02	4.7661029 01	3.0030950 01	7.7691979 01
1.1900001 02	5.2057284 01	3.3230240 01	8.5287524 01
1.2000001 02	5.5407919 01	3.5839196 01	9.1247115 01
1.2100001 02	5.5804861 01	3.6959096 01	9.2763956 01
1.2200001 02	5.2394980 01	3.6111159 01	8.8506139 01
1.2300001 02	4.5739812 01	3.3431488 01	7.9171300 01
1.2400001 02	3.7451181 01	2.9572224 01	6.7023405 01
1.2500001 02	2.9385151 01	2.5392859 01	5.4778010 01
1.2600001 02	2.2883396 01	2.1629025 01	4.4512421 01
1.2650002 02	2.0394339 01	2.0046698 01	4.0441037 01
1.2700001 02	1.8395470 01	1.8695212 01	3.7090682 01
1.2800001 02	1.5589621 01	1.6666820 01	3.2256441 01
1.2900001 02	1.3723330 01	1.5388176 01	2.9111506 01
1.3000001 02	1.2090336 01	1.4615304 01	2.6705642 01
1.3100001 02	1.0290099 01	1.4124795 01	2.4414894 01
1.3200002 02	8.2567287 00	1.3764842 01	2.2021570 01
1.3300002 02	6.1713832 00	1.3457751 01	1.9629134 01
1.3400002 02	4.2743484 00	1.3177707 01	1.7452056 01
1.3600002 02	1.6404564 00	1.2702571 01	1.4343927 01
1.3700002 02	9.2691780-01	1.2514439 01	1.3441357 01
1.3800000 02	5.1383613-01	1.2356873 01	1.2870709 01
1.3900002 02	3.0459436-01	1.2223795 01	1.2528390 01
1.4000001 02	2.2141803-01	1.2108679 01	1.2330097 01
1.4100002 02	2.1102301-01	1.2005933 01	1.2216956 01
1.4200002 02	2.4035098-01	1.1911490 01	1.2151841 01
1.4400002 02	3.4034759-01	1.1737051 01	1.2077398 01
1.4500001 02	3.8643389-01	1.1653415 01	1.2039849 01
1.4600001 02	4.2185867-01	1.1570103 01	1.1991962 01
1.4700001 02	4.4743541-01	1.1485722 01	1.1933158 01
1.4800002 02	4.7079869-01	1.1399139 01	1.1869938 01
1.4900000 02	5.0088998-01	1.1309391 01	1.1810281 01
1.5000001 02	5.4569524-01	1.1215893 01	1.1761588 01
1.5100002 02	6.0538453-01	1.1118114 01	1.1723498 01
1.5200002 02	6.7180633-01	1.1015202 01	1.1687008 01
1.5300002 02	7.2825567-01	1.0906034 01	1.1634789 01
1.5400001 02	7.6164789-01	1.0789198 01	1.1550846 01
1.5500001 02	7.6366853-01	1.0664773 01	1.1428442 01
1.5550002 02	7.5428684-01	1.0600938 01	1.1355225 01
1.5600001 02	7.4147322-01	1.0537893 01	1.1279366 01
1.5650002 02	7.2989392-01	1.0478408 01	1.1208302 01
1.5700002 02	7.2561026-01	1.0426960 01	1.1152570 01
1.5800001 02	7.599246-01	1.0379327 01	1.1155319 01
1.5900002 02	1.0049887 00	1.0496498 01	1.1501486 01
1.6000001 02	1.5919827 00	1.0968762 01	1.2560745 01
1.6100002 02	2.8099709 00	1.2109909 01	1.4919880 01
1.6200002 02	5.0297050 00	1.4371369 01	1.9401074 01

TABLE IX (Continued)

T = 10.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.6300002 02	8.6806956 00	1.8304898 01	2.6985594 01
1.6500001 02	2.1611751 01	3.3107764 01	5.4719515 01
1.6600001 02	3.0846208 01	4.4150722 01	7.4996930 01
1.6700001 02	4.1105823 01	5.6791479 01	9.7897302 01
1.6800001 02	5.1139120 01	6.9594039 01	1.2073316 02
1.6900001 02	5.9410809 01	8.0701420 01	1.4011223 02
1.7000001 02	6.4479733 01	8.8275338 01	1.5275507 02
1.7100001 02	6.5410585 01	9.1008645 01	1.5641923 02
1.7200001 02	6.2056646 01	8.8508323 01	1.5056497 02
1.7300001 02	5.5095710 01	8.1394840 01	1.3649055 02
1.7400001 02	4.5808185 01	7.1081174 01	1.1688936 02
1.7500001 02	3.5694680 01	5.9335616 01	9.5030296 01
1.7600002 02	2.6093132 01	4.7810887 01	7.3904019 01
1.7800002 02	1.1590306 01	2.9627744 01	4.1218050 01
1.8000001 02	4.1999004 00	1.9566925 01	2.3766825 01
1.8200002 02	1.7888949 00	1.5279927 01	1.7068822 01
1.8300002 02	1.7673306 00	1.4345371 01	1.6112701 01
1.8500001 02	3.6261578 00	1.3769094 01	1.7395252 01
1.8700002 02	8.1531226 00	1.4393700 01	2.2546822 01
1.8900002 02	1.4996421 01	1.5964288 01	3.0960709 01
1.9000001 02	1.8724724 01	1.6954484 01	3.5679208 01
1.9100001 02	2.2178138 01	1.7942743 01	4.0120881 01
1.9200001 02	2.5005100 01	1.8813921 01	4.3819021 01
1.9300002 02	2.6955861 01	1.9472182 01	4.6428043 01
1.9400001 02	2.7933815 01	1.9866028 01	4.7799843 01
1.9500001 02	2.7999494 01	1.9990992 01	4.7990486 01
1.9600001 02	2.7321183 01	1.9887092 01	4.720875 01
1.9800001 02	2.4411733 01	1.9213123 01	4.3624856 01
2.0000001 02	2.0135116 01	1.8189322 01	3.8324438 01
2.0200001 02	1.4891724 01	1.6936996 01	3.1828720 01
2.0300001 02	1.2143001 01	1.6255332 01	2.8398333 01
2.0400001 02	9.5002144 00	1.5569549 01	2.5069764 01
2.0500001 02	7.1140786 00	1.4911630 01	2.2025709 01
2.0700002 02	3.5352348 00	1.3795642 01	1.7330877 01
2.0800002 02	2.4180049 00	1.3376219 01	1.5794224 01
2.0900002 02	1.7506333 00	1.3068862 01	1.4819495 01
2.1000001 02	1.5155413 00	1.2889274 01	1.4404815 01
2.1100002 02	1.7221059 00	1.2864584 01	1.4586690 01
2.1200002 02	2.4100926 00	1.3036322 01	1.5446414 01
2.1300000 02	3.6434451 00	1.3457752 01	1.7101197 01
2.1400002 02	5.4867205 00	1.4183858 01	1.9670579 01
2.1500001 02	7.9665094 00	1.5253681 01	2.3220190 01
2.1700002 02	1.4497573 01	1.8367041 01	3.2864614 01
2.2000001 02	2.4020848 01	2.3658172 01	4.7679020 01
2.2100001 02	2.5588291 01	2.4805435 01	5.0393726 01
2.2200001 02	2.5873973 01	2.5352250 01	5.1226273 01
2.2300001 02	2.4841372 01	2.5233786 01	5.0075157 01
2.2500001 02	1.9632490 01	2.3240594 01	4.2873083 01
2.2600002 02	1.6174318 01	2.1673445 01	3.7847763 01
2.2700002 02	1.2673989 01	1.9982375 01	3.2656364 01
2.2800002 02	9.4522423 00	1.8340674 01	2.7792916 01
2.3000001 02	4.5491568 00	1.5645411 01	2.0194567 01
2.3300002 02	1.0946495 00	1.3404753 01	1.4499402 01
2.3400002 02	6.4318022-01	1.3016427 01	1.3659607 01
2.3500000 02	3.8576260-01	1.2734666 01	1.3120429 01
2.3600002 02	2.5968176-01	1.2526537 01	1.2786219 01
2.3700002 02	2.2858551-01	1.2371137 01	1.2599723 01
2.3800002 02	2.8160812-01	1.2269236 01	1.2541444 01
2.3900002 02	4.3207709-01	1.2198672 01	1.2630749 01
2.4000001 02	7.1626061-01	1.2204595 01	1.2920855 01
2.4300000 02	3.0104413 00	1.2995702 01	1.6006144 01
2.4500002 02	6.4295531 00	1.4627114 01	2.1056667 01
2.4700002 02	1.1437689 01	1.7322274 01	2.8759963 01

TABLE IX (Continued)

T = 10.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
2.4800002 02	1.4238266 01	1.8938773 01	3.3177039 01
2.5000001 02	1.9263242 01	2.2066554 01	4.1329796 01
2.5200001 02	2.1915725 01	2.4026733 01	4.5942457 01
2.5400001 02	2.1439174 01	2.4102894 01	4.5542068 01
2.5500001 02	2.0318541 01	2.3504244 01	4.3822785 01
2.5700000 02	1.7639052 01	2.1698370 01	3.9337422 01
2.5800002 02	1.6582479 01	2.0798947 01	3.7381426 01
2.5900000 02	1.5906736 01	2.0058436 01	3.5965172 01
2.6000001 02	1.5612027 01	1.9527461 01	3.5139488 01
2.6100001 02	1.5590591 01	1.9196824 01	3.4787415 01
2.6200001 02	1.5637540 01	1.9000613 01	3.4638153 01
2.6300002 02	1.5562982 01	1.8863329 01	3.4426310 01
2.6400001 02	1.5206596 01	1.8698618 01	3.3905714 01
2.6500000 02	1.4447088 01	1.8437111 01	3.2884199 01
2.6700002 02	1.1762059 01	1.7509064 01	2.9271123 01
2.6800001 02	1.0031904 01	1.6872139 01	2.6904043 01
2.6900002 02	8.2277694 00	1.6170890 01	2.4398660 01
2.7000001 02	6.4990876 00	1.5458116 01	2.1957203 01
2.7200000 02	3.7226944 00	1.4185203 01	1.7907898 01
2.7400002 02	2.2655052 00	1.3322362 01	1.5587867 01
2.7500001 02	2.0864147 00	1.3087532 01	1.5173947 01
2.7600002 02	2.2848446 00	1.2998897 01	1.5283741 01
2.7800002 02	3.8315154 00	1.3303817 01	1.7135333 01
2.8000001 02	6.8307892 00	1.4288365 01	2.1119154 01
2.8100002 02	8.7435040 00	1.5010701 01	2.3754705 01
2.8200002 02	1.0779719 01	1.5837656 01	2.6617375 01
2.8400002 02	1.4545393 01	1.7543022 01	3.2088415 01
2.8500001 02	1.5901988 01	1.8259515 01	3.4161503 01
2.8700000 02	1.6849237 01	1.9054772 01	3.5904009 01
2.8800001 02	1.6335477 01	1.9047875 01	3.5383352 01
2.9000001 02	1.3676169 01	1.8260947 01	3.1937116 01
2.9200002 02	9.9376508 00	1.6814077 01	2.6751727 01
2.9300002 02	8.1468067 00	1.6039090 01	2.4185896 01
2.9400002 02	6.6294855 00	1.5333060 01	2.1962545 01
2.9500001 02	5.5039832 00	1.4726349 01	2.0230333 01
2.9600002 02	4.8441695 00	1.4367713 01	1.9211883 01
2.9700000 02	4.6831277 00	1.4188753 01	1.8871881 01
2.9800000 02	5.0125631 00	1.4236600 01	1.9249163 01
2.9900002 02	5.7815654 00	1.4505050 01	2.0286615 01
3.0000001 02	6.9241688 00	1.4979151 01	2.1903319 01
3.0200002 02	9.8222346 00	1.6344694 01	2.6166928 01
3.0400002 02	1.2528719 01	1.7807949 01	3.0336668 01
3.0500001 02	1.3442300 01	1.8384359 01	3.1826659 01
3.0600001 02	1.3903238 01	1.8762438 01	3.2665676 01
3.0800001 02	1.3299442 01	1.8767130 01	3.2066572 01
3.0900000 02	1.2302734 01	1.8391803 01	3.0694537 01
3.1000001 02	1.0974502 01	1.7811838 01	2.8786340 01
3.1200001 02	7.8752613 00	1.6287015 01	2.4162276 01
3.1400001 02	5.0408379 00	1.4736267 01	1.9777105 01
3.1500001 02	3.9784787 00	1.4115417 01	1.8093896 01
3.1600001 02	3.2499781 00	1.3678859 01	1.6928837 01
3.1700002 02	2.8892811 00	1.3476518 01	1.6365799 01
3.1800001 02	2.9333126 00	1.3564563 01	1.6497876 01
3.1900002 02	3.4125576 00	1.4001265 01	1.7413822 01
3.2000000 02	4.3499905 00	1.4842257 01	1.9192248 01
3.2100002 02	5.7590595 00	1.6134632 01	2.1893692 01
3.2200002 02	7.6317534 00	1.7903740 01	2.5535493 01
3.2500001 02	1.5383251 01	2.5707657 01	4.1090708 01
3.2600001 02	1.8229334 01	2.8751602 01	4.6980937 01
3.2800001 02	2.3143705 01	3.4317505 01	5.7461210 01
3.3000001 02	2.5809269 01	3.7780115 01	6.3589385 01
3.3200001 02	2.5644298 01	3.8207269 01	6.3851567 01
3.3400001 02	2.3387310 01	3.6026083 01	5.9413393 01

TABLE IX (Continued)

T = 10.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
3.3600002 02	2.0602968 01	3.2718277 01	5.3321245 01
3.3700002 02	1.9465363 01	3.1151716 01	5.0617079 01
3.3800002 02	1.8620999 01	2.9829530 01	4.8450529 01
3.3900002 02	1.8066265 01	2.8804466 01	4.6870731 01
3.4000001 02	1.7728788 01	2.8058817 01	4.5787605 01
3.4200001 02	1.7193578 01	2.7065829 01	4.4259406 01
3.4300001 02	1.6734719 01	2.6602355 01	4.3337774 01
3.4400001 02	1.6021675 01	2.6028461 01	4.2050136 01
3.4500001 02	1.5000069 01	2.5272666 01	4.0272735 01
3.4700002 02	1.2180629 01	2.3198906 01	3.5372535 01
3.5000001 02	7.2903020 00	1.9349263 01	2.6639565 01
3.5200002 02	4.7807885 00	1.7133186 01	2.1913974 01
3.5300002 02	3.9846652 00	1.6326517 01	2.0311182 01
3.5400002 02	3.5538020 00	1.5781138 01	1.9334940 01
3.5500001 02	3.5152784 00	1.5527229 01	1.9045707 01
3.5600002 02	3.8863378 00	1.5599045 01	1.9484383 01
3.5700002 02	4.6746482 00	1.6002613 01	2.0677261 01
3.5800002 02	5.8762529 00	1.6750963 01	2.2627216 01
3.6000001 02	9.4230776 00	1.7240062 01	2.8663139 01
3.6200001 02	1.4080017 01	2.2767867 01	3.6847884 01
3.6400001 02	1.8964974 01	2.6662792 01	4.5627766 01
3.6500001 02	2.1124240 01	2.8454521 01	4.9578761 01
3.6600001 02	2.2897578 01	2.9984345 01	5.2881923 01
3.6800001 02	2.4775468 01	3.1839153 01	5.6614621 01
3.7000001 02	2.4084505 01	3.1767264 01	5.5851769 01
3.7200001 02	2.1048082 01	2.9891926 01	5.0940709 01
3.7400001 02	1.6544978 01	2.6830357 01	4.3375335 01
3.7600002 02	1.1713823 01	2.3399222 01	3.5113645 01
3.7800002 02	7.4614898 00	2.0264417 01	2.7725907 01
3.8000001 02	4.2864068 00	1.7809099 01	2.2095506 01
3.8200002 02	2.2281279 00	1.6097434 01	1.8325562 01
3.8400002 02	1.0731841 00	1.5007571 01	1.6080755 01
3.8500001 02	7.4494198-01	1.4637266 01	1.5382708 01
3.8600002 02	5.3934900-01	1.4352317 01	1.4891666 01
3.8800002 02	4.0766610-01	1.3967289 01	1.4374955 01
3.9000000 02	5.6968333-01	1.3748521 01	1.4318704 01
3.9300002 02	1.3408173 00	1.3641108 01	1.4981925 01
3.9500001 02	2.1911828 00	1.3698964 01	1.5890146 01
3.9800002 02	3.7515210 00	1.3956668 01	1.7708189 01
4.0000001 02	4.6431420 00	1.4174201 01	1.8817343 01
4.0100000 02	4.9080041 00	1.4257300 01	1.9165304 01
4.0300001 02	5.1127980 00	1.4381295 01	1.9494093 01
4.0500001 02	4.7961247 00	1.4390059 01	1.9186183 01
4.0600002 02	4.4088407 00	1.4330230 01	1.8739071 01
4.0800002 02	3.5091400 00	1.4152345 01	1.7661485 01
4.1000002 02	2.4906356 00	1.3904237 01	1.6394873 01
4.1200000 02	1.5967250 00	1.3643092 01	1.5237817 01
4.1500001 02	6.9503430-01	1.3313169 01	1.4008204 01
4.2000001 02	1.3768104-01	1.2978928 01	1.3116609 01
4.2500002 02	3.8708083-02	1.2784556 01	1.2823264 01
4.3000001 02	2.5028935-02	1.2622880 01	1.2647909 01
4.3300002 02	2.3988929-02	1.2530357 01	1.2554346 01
4.3500002 02	2.4269838-02	1.2458291 01	1.2482561 01
4.4000001 02	3.1783477-02	1.2271590 01	1.2303374 01
4.4500002 02	1.1810062-01	1.2090528 01	1.2208628 01
4.5000001 02	7.8387770-01	1.2388208 01	1.3172786 01
4.5100002 02	1.1045821 00	1.2638259 01	1.3742841 01
4.5300002 02	2.0699823 00	1.3493753 01	1.5563735 01
4.5600000 02	4.4556927 00	1.5914045 01	2.0369738 01
4.5800001 02	6.5867150 00	1.8274556 01	2.4861271 01
4.6000001 02	8.8217754 00	2.0927316 01	2.7749991 01
4.6200001 02	1.0700955 01	2.3369393 01	3.4069748 01
4.6500001 02	1.1873697 01	2.5424003 01	3.7297699 01

TABLE IX (Continued)

T = 10.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
4.6800001 02	1.0567416 01	2.4674993 01	3.5242409 01
4.7000001 02	8.6860449 00	2.2858837 01	3.1544882 01
4.7300002 02	5.5676756 00	1.9425527 01	2.4993202 01
4.7500001 02	3.9819152 00	1.7481877 01	2.1463792 01
4.7700002 02	3.1501890 00	1.6302896 01	1.9453085 01
4.7900002 02	3.1956330 00	1.6118458 01	1.9314091 01
4.8000001 02	3.5469939 00	1.6427605 01	1.9974599 01
4.8100002 02	4.0989268 00	1.6977372 01	2.1096299 01
4.8200002 02	4.8268472 00	1.7808776 01	2.2635623 01
4.8500001 02	7.6778406 00	2.1306593 01	2.8984433 01
4.8700001 02	9.6012738 00	2.3917615 01	3.3518889 01
4.9000001 02	1.1356397 01	2.6760313 01	3.8116710 01
4.9100001 02	1.1465629 01	2.7163517 01	3.8629146 01
4.9200001 02	1.1309735 01	2.7237336 01	3.8547071 01
4.9500001 02	9.4653488 00	2.5597492 01	3.5062840 01
4.9800002 02	6.5067724 00	2.2139781 01	2.8646553 01
5.0000001 02	4.6241845 00	1.9661734 01	2.4285918 01
5.0200002 02	3.1600903 00	1.7513340 01	2.0673430 01
5.0300002 02	2.6371659 00	1.6626978 01	1.9264144 01
5.0400002 02	2.2309520 00	1.5878765 01	1.8109717 01
5.0500001 02	1.9249259 00	1.5256478 01	1.7181404 01
5.0600002 02	1.7576145 00	1.4757374 01	1.6514989 01
5.0700002 02	1.6706911 00	1.4367938 01	1.6038629 01
5.0800002 02	1.6106530 00	1.4064291 01	1.5671944 01
5.1000001 02	1.6138088 00	1.3652839 01	1.5266648 01
5.1200001 02	1.7097731 00	1.3425709 01	1.5135482 01
5.1300001 02	1.7457948 00	1.3354090 01	1.5099884 01
5.1400001 02	1.7678717 00	1.3300706 01	1.5068578 01
5.1600001 02	1.7883353 00	1.3235791 01	1.5024126 01
5.1800002 02	1.8479572 00	1.3227228 01	1.5075185 01
5.1900001 02	1.9414334 00	1.3250783 01	1.5192216 01
5.2000001 02	2.0980905 00	1.3297663 01	1.5395753 01
5.2100002 02	2.2854984 00	1.3359929 01	1.5645427 01
5.2200002 02	2.5270299 00	1.3444965 01	1.5971995 01
5.2300001 02	2.7956889 00	1.3542161 01	1.6337850 01
5.2500001 02	3.5282671 00	1.3822196 01	1.7350463 01
5.2700001 02	4.2743671 00	1.4146769 01	1.8421137 01
5.3000001 02	5.0096760 00	1.4537414 01	1.9547090 01
5.3100001 02	5.1552345 00	1.4645248 01	1.9800483 01
5.3200001 02	5.1356599 00	1.4688791 01	1.9824451 01
5.3300001 02	5.0617381 00	1.4701411 01	1.9763149 01
5.3500001 02	4.5680881 00	1.4586327 01	1.9154415 01
5.3700000 02	3.8824354 00	1.4366164 01	1.8248599 01
5.3900002 02	3.0579748 00	1.4046465 01	1.7104440 01
5.4000001 02	2.6649511 00	1.3884151 01	1.6549103 01
5.4200001 02	1.9446657 00	1.3557110 01	1.5501775 01
5.4400001 02	1.3649005 00	1.3268134 01	1.4633035 01
5.4500001 02	1.1312876 00	1.3144929 01	1.4276216 01
5.4700002 02	7.6626342-01	1.2939793 01	1.3706957 01
5.4900001 02	5.1405520-01	1.2782325 01	1.3296380 01
5.5000001 02	4.2477819-01	1.2718656 01	1.3143434 01
5.5200001 02	3.2675719-01	1.2617967 01	1.2944724 01
5.5400002 02	3.2534509-01	1.2553853 01	1.2879198 01
5.5500002 02	3.6099693-01	1.2540006 01	1.2901003 01
5.5700002 02	5.5560725-01	1.2567054 01	1.3122661 01
5.6000001 02	1.1953640 00	1.2804703 01	1.4000067 01
5.6200002 02	1.9149800 00	1.3149726 01	1.5064706 01
5.6500001 02	3.3825934 00	1.3964972 01	1.7347566 01
5.6600001 02	3.9445823 00	1.4297852 01	1.8244434 01
5.6700001 02	4.5101747 00	1.4661871 01	1.9172045 01
5.6800001 02	5.0279718 00	1.5001059 01	2.0029031 01
5.7000000 02	5.9642324 00	1.5669161 01	2.1633393 01
5.7200001 02	6.5026176 00	1.6117733 01	2.2620351 01

TABLE IX (Continued)

T = 10.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
5.7300001 02	6.6275483 00	1.6265258 01	2.2892906 01
5.7500001 02	6.4480985 00	1.6307337 01	2.2755435 01
5.7600001 02	6.1833608 00	1.6202373 01	2.2385733 01
5.7800001 02	5.4179375 00	1.5807151 01	2.1225089 01
5.8000001 02	4.4500900 00	1.5243782 01	1.9693872 01
5.8200001 02	3.4475497 00	1.4617020 01	1.8064569 01
5.8500001 02	2.2198743 00	1.3770922 01	1.5990796 01
5.8600001 02	1.9457208 00	1.3544549 01	1.5490270 01
5.8800002 02	1.6309373 00	1.3192693 01	1.4823630 01
5.8900001 02	1.5626441 00	1.3067965 01	1.4630609 01
5.9000001 02	1.5504564 00	1.2976078 01	1.4526535 01
5.9200002 02	1.7854584 00	1.2897045 01	1.4682503 01
5.9500001 02	2.3970300 00	1.2944386 01	1.5341416 01
5.9700001 02	2.8428644 00	1.3044258 01	1.5887122 01
5.9800002 02	2.9921844 00	1.3078422 01	1.6070606 01
6.0000001 02	3.2606613 00	1.3170462 01	1.6431123 01
6.0100001 02	3.3801166 00	1.3225136 01	1.6605252 01
6.0300001 02	3.3337097 00	1.3236929 01	1.6570639 01
6.0500001 02	3.0315093 00	1.3169298 01	1.6200807 01
6.0700001 02	2.6833110 00	1.3069903 01	1.5753214 01
6.0900002 02	2.2910983 00	1.2914624 01	1.5205723 01
6.1000001 02	2.1279773 00	1.2838602 01	1.4966579 01
6.1200002 02	1.8539438 00	1.2676141 01	1.4530085 01
6.1500001 02	1.6658793 00	1.2482294 01	1.4148173 01
6.1600002 02	1.6526099 00	1.2432538 01	1.4085148 01
6.1800001 02	1.6683428 00	1.2354886 01	1.4023229 01
6.2000001 02	1.6866197 00	1.2299929 01	1.3986549 01
6.2100001 02	1.6842790 00	1.2277464 01	1.3961743 01
6.2200001 02	1.6723810 00	1.2255849 01	1.3928230 01
6.2500001 02	1.4863313 00	1.2164744 01	1.3651075 01
6.2600001 02	1.3398505 00	1.2123625 01	1.3463476 01
6.2800002 02	1.0969931 00	1.2047039 01	1.3144032 01
6.3000001 02	8.3170693-01	1.1942259 01	1.2773766 01
6.3500002 02	3.4160926-01	1.1665889 01	1.2007498 01
6.4000000 02	2.3799181-01	1.1425109 01	1.1663101 01
6.4200002 02	3.5432042-01	1.1386519 01	1.1740939 01
6.4500002 02	7.7741231-01	1.1474149 01	1.2251561 01
6.4800001 02	1.6188369 00	1.1850549 01	1.3469386 01
6.5000001 02	2.4476850 00	1.2304624 01	1.4752309 01
6.5200001 02	3.5078603 00	1.2950243 01	1.6458103 01
6.5300002 02	4.0873179 00	1.3322659 01	1.7409777 01
6.5500001 02	5.3095989 00	1.4149117 01	1.9458716 01
6.5600001 02	5.9370225 00	1.4599233 01	2.0536755 01
6.5800001 02	7.1462264 00	1.5547841 01	2.2694067 01
6.6000001 02	8.1955000 00	1.6556766 01	2.4752266 01
6.6300001 02	9.3464985 00	1.8375115 01	2.7721613 01
6.6500001 02	9.8847020 00	2.0075890 01	2.9960592 01
6.6600001 02	1.0139366 01	2.1169820 01	3.1309186 01
6.6700001 02	1.0402372 01	2.2455207 01	3.2857579 01
6.6800001 02	1.0654033 01	2.3928786 01	3.4582819 01
6.6900001 02	1.0864243 01	2.5577919 01	3.6442162 01
6.7000001 02	1.1058016 01	2.7407279 01	3.8465795 01
6.7200001 02	1.1640315 01	3.1572507 01	4.3212822 01
6.7500001 02	1.2410249 01	3.7950961 01	5.0361210 01
6.7700001 02	1.2779396 01	4.1423192 01	5.4202588 01
6.7900001 02	1.2975226 01	4.3614411 01	5.6589637 01
6.8000001 02	1.2964041 01	4.4101159 01	5.7065700 01
6.8100001 02	1.2897166 01	4.4163349 01	5.7060515 01
6.8300001 02	1.2558526 01	4.3060907 01	5.5619432 01
6.8500001 02	1.2028543 01	4.0617904 01	5.2646447 01
6.8700002 02	1.1386146 01	3.7331228 01	4.8717374 01
6.9000001 02	1.0340538 01	3.1946761 01	4.2287498 01
6.9200001 02	7.6311561 00	2.8609941 01	3.8241077 01

TABLE IX (Continued)

T = 10.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
6.950000 02	8.6101662 00	2.4465571 01	3.3075737 01
7.000000 02	7.2469625 00	1.9922495 01	2.7169458 01
7.050000 02	6.5701285 00	1.7656181 01	2.4226309 01
7.080000 02	6.4037749 00	1.7049807 01	2.3453582 01
7.100000 02	6.3245716 00	1.6845023 01	2.3169595 01
7.130000 02	6.2224919 00	1.6721472 01	2.2943764 01
7.150000 02	6.0609795 00	1.6625688 01	2.2686667 01
7.170000 02	5.6880546 00	1.6437764 01	2.2125819 01
7.190000 02	5.2603540 00	1.6212815 01	2.1473169 01
7.200000 02	4.9420968 00	1.6033721 01	2.0975917 01
7.220000 02	4.3064541 00	1.5718599 01	2.0025753 01
7.250000 02	3.3198587 00	1.5405301 01	1.8725159 01
7.280000 02	2.6479531 00	1.5907841 01	1.8555794 01
7.300000 02	2.5538694 00	1.7118144 01	1.9672013 01
7.320000 02	2.8147664 00	1.7297272 01	2.2112038 01
7.350000 02	3.8860791 00	2.4636283 01	2.8522362 01
7.400000 02	6.7763458 00	3.7458239 01	4.4234585 01
7.420000 02	7.8306466 00	4.2389431 01	5.0220078 01
7.440000 02	8.5409368 00	4.6117592 01	5.4658528 01
7.450000 02	8.7223065 00	4.7333362 01	5.6055668 01
7.480000 02	8.4818048 00	4.7879271 01	5.6361075 01
7.500000 02	7.7154208 00	4.5702965 01	5.3418386 01
7.520000 02	6.6056812 00	4.1944860 01	4.8550541 01
7.540000 02	5.3260964 00	3.7244942 01	4.2571038 01
7.580000 02	2.9107534 00	2.7639629 01	3.0550382 01
7.600000 02	1.9926800 00	2.3678896 01	2.5671576 01
7.650000 02	7.7028770-01	1.7396567 01	1.8166854 01
7.660000 02	6.8863874-01	1.6679061 01	1.7367700 01
7.680000 02	6.3226164-01	1.5623157 01	1.6255419 01
7.700000 02	7.3367510-01	1.4959137 01	1.5672812 01
7.720000 02	9.2780186-01	1.4538308 01	1.5466110 01
7.740000 02	1.1919117 00	1.4295233 01	1.5487144 01
7.750000 02	1.3362689 00	1.4209263 01	1.5545532 01
7.760000 02	1.4829683 00	1.4142328 01	1.5625296 01
7.780000 02	1.7564479 00	1.4045223 01	1.5801671 01
7.800000 02	2.0126273 00	1.3986423 01	1.5999050 01
7.830000 02	2.1456835 00	1.3893529 01	1.6039213 01
7.850000 02	2.1394019 00	1.3879353 01	1.6018755 01
7.880000 02	1.9399713 00	1.4001766 01	1.5941737 01
7.900000 02	1.8837373 00	1.4316781 01	1.6200018 01
7.930000 02	1.9228724 00	1.5414296 01	1.7337168 01
7.950000 02	2.2341969 00	1.6791970 01	1.9026167 01
8.000000 02	3.8942528 00	2.2945213 01	2.6839466 01
8.020000 02	4.8607912 00	2.6288784 01	3.1149575 01
8.040000 02	5.8172588 00	2.9724360 01	3.5541619 01
8.050000 02	6.2559490 00	3.1350008 01	3.7605957 01
8.080000 02	7.1911644 00	3.5203687 01	4.2394851 01
8.100000 02	7.3676990 00	3.6469158 01	4.3836857 01
8.120000 02	7.1392285 00	3.6461971 01	4.3601200 01
8.150000 02	6.1314377 00	3.4200785 01	4.0332222 01
8.160000 02	5.6680951 00	3.2973350 01	3.8641444 01
8.180000 02	4.6480263 00	3.0087904 01	3.4735930 01
8.190000 02	4.1246608 00	2.8531876 01	3.2656537 01
8.200000 02	3.6126984 00	2.6964572 01	3.0577270 01
8.250000 02	1.5901687 00	2.0185579 01	2.1775748 01
8.300000 02	8.2194198-01	1.6444654 01	1.7266596 01
8.350000 02	1.1579216 00	1.5197679 01	1.6355601 01
8.400000 02	2.1733544 00	1.5253131 01	1.7426485 01
8.420000 02	2.6343584 00	1.5442196 01	1.8076554 01
8.440000 02	3.0288516 00	1.5648807 01	1.8677658 01
8.450000 02	3.1432885 00	1.5732194 01	1.8875483 01
8.480000 02	3.3854907 00	1.5908138 01	1.9293629 01
8.500000 02	3.3009157 00	1.5898726 01	1.9199641 01

TABLE IX (Continued)

T = 10.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
8.5200002 02	3.0700660 00	1.5794910 01	1.8864976 01
8.5500001 02	2.6321555 00	1.5515367 01	1.8147522 01
8.5800001 02	2.1593340 00	1.5146742 01	1.7306076 01
8.6000001 02	1.9280022 00	1.4896987 01	1.6824989 01
8.6500001 02	1.7564051 00	1.4444416 01	1.6200821 01
8.6600001 02	1.7771445 00	1.4389742 01	1.6166886 01
8.6800001 02	1.8354686 00	1.4310161 01	1.6145629 01
8.7000001 02	1.8919635 00	1.4261342 01	1.6153305 01
8.7200001 02	1.9169745 00	1.4230831 01	1.6147805 01
8.7500001 02	1.8882505 00	1.4210850 01	1.6099100 01
8.7600001 02	1.8673023 00	1.4211899 01	1.6079202 01
8.7800002 02	1.8337024 00	1.4234376 01	1.6068078 01
8.8000001 02	1.8420025 00	1.4297813 01	1.6139815 01
8.8300001 02	2.0040858 00	1.4505988 01	1.6510074 01
8.8500001 02	2.2333279 00	1.4734069 01	1.6967397 01
8.8700001 02	2.5440392 00	1.5027917 01	1.7571956 01
8.9000000 02	3.0727765 00	1.5538919 01	1.8611695 01
8.9200001 02	3.3800937 00	1.5868243 01	1.9248336 01
8.9400001 02	3.5815178 00	1.6134948 01	1.9716466 01
8.9500001 02	3.6279160 00	1.6231748 01	1.9859664 01
8.9800001 02	3.5149130 00	1.6332862 01	1.9847775 01
9.0000002 02	3.2386806 00	1.6233302 01	1.9471982 01
9.0200001 02	2.8394937 00	1.6015089 01	1.8854583 01
9.0400002 02	2.3679886 00	1.5709163 01	1.8077152 01
9.0500001 02	2.1223331 00	1.5535527 01	1.7657860 01
9.1000002 02	1.0199869 00	1.4645820 01	1.5665807 01
9.1500002 02	3.6730058-01	1.3979774 01	1.4347075 01
9.2000001 02	1.2022177-01	1.3575997 01	1.3716219 01
9.2300000 02	9.3710478-02	1.3461419 01	1.3555129 01
9.2500002 02	1.1621763-01	1.3404815 01	1.3521033 01
9.3000001 02	3.5280286-01	1.3421943 01	1.3774746 01
9.3500001 02	9.9577001-01	1.3042346 01	1.4838116 01
9.4000001 02	2.1203505 00	1.4840454 01	1.6960805 01
9.4200001 02	2.6384227 00	1.5363802 01	1.8002224 01
9.4400002 02	3.1299090 00	1.5898583 01	1.9028492 01
9.4600001 02	3.5416182 00	1.6387464 01	1.9929082 01
9.5000001 02	3.9535046 00	1.7004327 01	2.0957932 01
9.5400002 02	3.7332616 00	1.6927362 01	2.0660674 01
9.5500001 02	3.5979033 00	1.6798598 01	2.0396501 01
9.5600002 02	3.4428963 00	1.6635698 01	2.0078594 01
9.5800002 02	3.0990980 00	1.6243704 01	1.9342802 01
9.6000001 02	2.7474408 00	1.5779318 01	1.8526759 01
9.6200002 02	2.4316875 00	1.5306919 01	1.7738606 01
9.6300002 02	2.2972201 00	1.5093901 01	1.7391121 01
9.6500001 02	2.0747643 00	1.4685107 01	1.6759872 01
9.6700002 02	1.9249274 00	1.4351224 01	1.6276151 01
9.6800001 02	1.8762742 00	1.4216452 01	1.6092726 01
9.7000002 02	1.8317221 00	1.4029074 01	1.5860796 01
9.7500001 02	2.0439070 00	1.3992190 01	1.6036997 01
9.7700002 02	2.2917637 00	1.4200763 01	1.6492527 01
9.8000001 02	2.8801660 00	1.4828172 01	1.7708338 01
9.8200001 02	3.4131781 00	1.5455851 01	1.8869029 01
9.8500001 02	4.3730170 00	1.6693017 01	2.1066034 01
9.8700002 02	5.0366161 00	1.7651059 01	2.2687675 01
9.9000001 02	5.9473920 00	1.9068064 01	2.5015456 01

TABLE X

Th²³² CROSS SECTIONSTh²³² Temperature = 20.0 ev

Neutron Energy, E _n (ev)	Radiative Capture Cross Section, σ _γ (barns)	Scattering Cross Section, σ _S (barns)	Total Cross Section, σ _T (barns)
2.5300000-02	7.3982139 00	2.7784440 01	3.5182654 01
5.0000005-02	5.2415514 00	2.1340021 01	2.6581573 01
1.0000001-01	3.6766302 00	1.7180877 01	2.0857507 01
5.0000001-01	1.5471558 00	1.3126123 01	1.4673779 01
1.0000001 00	1.0221367 00	1.2514653 01	1.3536790 01
2.0000001 00	6.4584449-01	1.2102429 01	1.2748274 01
5.0000000 00	3.3447339-01	1.1604364 01	1.1938837 01
7.5000000 00	2.5812467-01	1.1342495 01	1.1600620 01
1.0000001 01	2.2913219-01	1.1105353 01	1.1334485 01
1.5000001 01	3.5819416-01	1.0486097 01	1.0844891 01
1.7000002 01	3.8613198 00	1.0200993 01	1.4062313 01
1.8000001 01	1.4115489 01	1.0554164 01	2.4669653 01
1.9000002 01	3.9576450 01	1.2152155 01	5.1728605 01
2.0000001 01	8.4484208 01	1.5834642 01	1.0031885 02
2.0500002 01	1.1211618 02	1.8493520 01	1.3060970 02
2.1000001 01	1.4005306 02	2.1509581 01	1.6156764 02
2.2000001 01	1.8403236 02	2.7418101 01	2.1145046 02
2.3000001 01	1.9471018 02	3.0877892 01	2.2558907 02
2.4000001 01	1.6763297 02	3.0278511 01	1.9791148 02
2.5000001 01	1.1828562 02	2.6344059 01	1.4462968 02
2.6000001 01	6.8826639 01	2.1316550 01	9.0143189 01
2.7000002 01	3.3259806 01	1.7133196 01	5.0393003 01
2.8000001 01	1.3495392 01	1.4474180 01	2.7969572 01
2.9000002 01	4.7016333 00	1.3069057 01	1.7770690 01
3.0000001 01	1.4908483 00	1.2391085 01	1.3881933 01
3.2000002 01	2.3575920-01	1.1848311 01	1.2084070 01
3.3000002 01	1.6420490-01	1.1703231 01	1.1867436 01
3.4000002 01	1.4047252-01	1.1585184 01	1.1725656 01
3.5000002 01	1.2881178-01	1.1482647 01	1.1611459 01
4.0000001 01	1.0731912-01	1.1067746 01	1.1175065 01
4.4000002 01	1.0683978-01	1.0755653 01	1.0862492 01
4.6000002 01	1.1233569-01	1.0582155 01	1.0694490 01
4.8000002 01	1.4713709-01	1.0386676 01	1.0533813 01
5.0000001 01	4.2711985-01	1.0193372 01	1.0620492 01
5.2000002 01	2.0216869 00	1.0205260 01	1.2226947 01
5.5000001 01	1.2328309 01	1.1860200 01	2.4188509 01
5.7000002 01	2.4624643 01	1.4375872 01	3.9000515 01
5.8000001 01	3.0181688 01	1.5702081 01	4.5883768 01
5.9000000 01	3.3444732 01	1.6785964 01	5.0230696 01
6.0000001 01	3.5097924 01	1.8056353 01	5.3154277 01
6.1000001 01	3.5078503 01	1.9975616 01	5.5054119 01
6.2000001 01	3.5844925 01	2.3853754 01	5.9698679 01
6.3000001 01	4.0071144 01	3.1268979 01	7.1340123 01
6.4000001 01	5.0010889 01	4.3535436 01	9.3546325 01
6.5000001 01	6.5961144 01	6.0912446 01	1.2687359 02
6.6000001 01	8.6730101 01	8.2234799 01	1.6896490 02
6.7000002 01	1.0881742 02	1.0454270 02	2.1336012 02
6.8000002 01	1.2740430 02	1.2372076 02	2.5112506 02
6.9000002 01	1.3805595 02	1.3574925 02	2.7380520 02
7.0000002 01	1.3804840 02	1.3804258 02	2.7609098 02
7.2000002 01	1.0858044 02	1.1477247 02	2.2335291 02
7.3000002 01	8.5619332 01	9.4786987 01	1.8040632 02
7.4000002 01	6.2566251 01	7.4122318 01	1.3668857 02
7.5000002 01	4.2453056 01	5.5663404 01	9.8116460 01
7.6000002 01	2.6809252 01	4.0975549 01	6.7784801 01
7.8000002 01	8.7337566 00	2.3344983 01	3.2078740 01
8.0000001 01	2.2751288 00	1.6466096 01	1.8741225 01
8.5000002 01	1.4719296-01	1.3198564 01	1.3345757 01
9.0000001 01	9.2162704-02	1.2489976 01	1.2582138 01
9.5000002 01	8.6457968-02	1.1986500 01	1.2072958 01
1.0000001 02	3.8960378-01	1.1536012 01	1.1926216 01
1.0200002 02	1.2315001 00	1.1484657 01	1.2716157 01
1.0500002 02	5.4995142 00	1.2122333 01	1.7621848 01

TABLE X (Continued)

T = 20.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
1.0800002 02	1.5776223 01	1.4493036 01	3.0269259 01
1.1000001 02	2.4998440 01	1.7088315 01	4.2086755 01
1.1100001 02	2.9549206 01	1.8575318 01	4.8124524 01
1.1300001 02	3.7242323 01	2.1703957 01	5.8946280 01
1.1400001 02	4.0190224 01	2.3310005 01	6.3500228 01
1.1500001 02	4.2598755 01	2.4940186 01	6.7538941 01
1.1600001 02	4.4541695 01	2.6566978 01	7.1108674 01
1.1700001 02	4.6031233 01	2.8124950 01	7.4156183 01
1.1800001 02	4.7031707 01	2.9503334 01	7.6535041 01
1.1900001 02	4.7383292 01	3.0555118 01	7.7938409 01
1.2000001 02	4.6906662 01	3.1127961 01	7.8034644 01
1.2100001 02	4.5460514 01	3.1104262 01	7.6564777 01
1.2200001 02	4.2991528 01	3.0428148 01	7.3419676 01
1.2300001 02	3.9636005 01	2.9151081 01	6.8787086 01
1.2400001 02	3.5643139 01	2.7394910 01	6.3038049 01
1.2500001 02	3.1327234 01	2.5338262 01	5.6665496 01
1.2600001 02	2.7035580 01	2.3182131 01	5.0217711 01
1.2700001 02	2.2914503 01	2.1091400 01	4.4095903 01
1.2800001 02	1.9261066 01	1.9213283 01	3.8474349 01
1.3000001 02	1.3270834 01	1.6315751 01	2.9586585 01
1.3200002 02	8.8686564 00	1.4531590 01	2.3400747 01
1.3400002 02	5.5355116 00	1.3503343 01	1.9038854 01
1.3600002 02	3.1750622 00	1.2889643 01	1.6064705 01
1.3700002 02	2.3162656 00	1.2666795 01	1.4983061 01
1.3800000 02	1.6507467 00	1.2480537 01	1.4131283 01
1.3900002 02	1.1673720 00	1.2320576 01	1.3487948 01
1.4000001 02	8.3525707-01	1.2181374 01	1.3016631 01
1.4100002 02	6.1907319-01	1.2057545 01	1.2676618 01
1.4200002 02	4.9207940-01	1.1945468 01	1.2437547 01
1.4400002 02	4.0512743-01	1.1744307 01	1.2149435 01
1.4500001 02	4.1041473-01	1.1650236 01	1.2060651 01
1.4700001 02	4.6060234-01	1.1466622 01	1.1927224 01
1.5000001 02	5.8182357-01	1.1193967 01	1.1775791 01
1.5200002 02	6.9857406-01	1.1047227 01	1.1745801 01
1.5300002 02	8.0199168-01	1.1018855 01	1.1820846 01
1.5500001 02	1.2215064 00	1.1213471 01	1.2434978 01
1.5600001 02	1.6446454 00	1.1556591 01	1.3201236 01
1.5650002 02	1.9456836 00	1.1827902 01	1.3773586 01
1.5700002 02	2.3137633 00	1.2184409 01	1.4498172 01
1.5800001 02	3.3335154 00	1.3220127 01	1.6553642 01
1.5900002 02	4.8131840 00	1.4805114 01	1.9618798 01
1.6000001 02	6.8776760 00	1.7087028 01	2.3964704 01
1.6100002 02	9.6175280 00	2.0195781 01	2.9813309 01
1.6200002 02	1.3082345 01	2.4213987 01	3.7296332 01
1.6300002 02	1.7252443 01	2.9144212 01	4.6396655 01
1.6500001 02	2.7147633 01	4.1194369 01	6.8342002 01
1.6600001 02	3.2350757 01	4.7733529 01	8.0084287 01
1.6700001 02	3.7243878 01	5.4052142 01	9.1296021 01
1.6800001 02	4.1425439 01	5.9658821 01	1.0108426 02
1.6900001 02	4.4523921 01	6.4079869 01	1.0860379 02
1.7000001 02	4.6252112 01	6.6927999 01	1.1318011 02
1.7100001 02	4.6452193 01	6.7960717 01	1.1441291 02
1.7200001 02	4.5118813 01	6.7114328 01	1.1223314 02
1.7300001 02	4.2399341 01	6.4511559 01	1.0691090 02
1.7400001 02	3.8568666 01	6.0436876 01	9.9005542 01
1.7500001 02	3.3987326 01	5.5289450 01	8.9276775 01
1.7600002 02	2.9049582 01	4.9521727 01	7.8571308 01
1.7800002 02	1.9568038 01	3.7848676 01	5.7416714 01
1.8000001 02	1.2385072 01	2.8107529 01	4.0492601 01
1.8200002 02	8.4937238 00	2.1462954 01	2.9956677 01
1.8300002 02	7.7897427 00	1.9297678 01	2.7087420 01
1.8500001 02	8.5251372 00	1.6867825 01	2.5392962 01
1.8700002 02	1.1366070 01	1.6255612 01	2.7621681 01

TABLE X (Continued)

T = 20.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.8900002 02	1.5267704 01	1.6671363 01	3.1939067 01
1.9000001 02	1.7241992 01	1.7056211 01	3.4298203 01
1.9100001 02	1.9090901 01	1.7477500 01	3.6568401 01
1.9300002 02	2.1819071 01	1.8208315 01	4.0027386 01
1.9500001 02	2.2917284 01	1.8594233 01	4.1511517 01
1.9800001 02	2.1139422 01	1.8308264 01	3.9447687 01
2.0000001 02	1.8195880 01	1.7620974 01	3.5816854 01
2.0200001 02	1.4559941 01	1.6714839 01	3.1274780 01
2.0300001 02	1.2751791 01	1.6243543 01	2.8995334 01
2.0400001 02	1.1015974 01	1.5781124 01	2.6797098 01
2.0500001 02	9.3773440 00	1.5340102 01	2.4717446 01
2.0700002 02	6.8683890 00	1.4653986 01	2.1522375 01
2.0800002 02	6.0821739 00	1.4449970 01	2.0532144 01
2.0900002 02	5.6370505 00	1.4364088 01	2.0001138 01
2.1000001 02	5.6111274 00	1.4428600 01	2.0039777 01
2.1100002 02	5.9845479 00	1.4643715 01	2.0628263 01
2.1200002 02	6.7095086 00	1.5014600 01	2.1724109 01
2.1300000 02	7.7908655 00	1.5541582 01	2.3332448 01
2.1400002 02	9.1645381 00	1.6216103 01	2.5380641 01
2.1500001 02	1.0723913 01	1.6997692 01	2.7721605 01
2.1700002 02	1.4042999 01	1.8734119 01	3.2777118 01
2.2000001 02	1.7807856 01	2.0970697 01	3.8778553 01
2.2200001 02	1.8359175 01	2.1594329 01	3.9953503 01
2.2500001 02	1.5869457 01	2.0824122 01	3.6693579 01
2.2600002 02	1.4386929 01	2.0190361 01	3.4577290 01
2.2700002 02	1.2705674 01	1.9421993 01	3.2127667 01
2.2800002 02	1.0944334 01	1.8574574 01	2.9518908 01
2.3000001 02	7.5745658 00	1.6847028 01	2.4421594 01
2.3300002 02	3.7939260 00	1.4691917 01	1.8485842 01
2.3400002 02	2.9923466 00	1.4172464 01	1.7164810 01
2.3500000 02	2.4344321 00	1.3768020 01	1.6202452 01
2.3600002 02	2.1035955 00	1.3476073 01	1.5579668 01
2.3700002 02	2.0071165 00	1.3304183 01	1.5311299 01
2.3800002 02	2.1290271 00	1.3249445 01	1.5378472 01
2.3900002 02	2.4649365 00	1.3312132 01	1.5777068 01
2.4000001 02	3.0208359 00	1.3500300 01	1.6521136 01
2.4300000 02	5.8994147 00	1.4802041 01	2.0701455 01
2.4500002 02	8.6013835 00	1.6193869 01	2.4795253 01
2.4700002 02	1.1597646 01	1.7842747 01	2.9440393 01
2.4800002 02	1.3040977 01	1.8660216 01	3.1701193 01
2.5000001 02	1.5555694 01	2.0132848 01	3.5698542 01
2.5200001 02	1.7210680 01	2.1124107 01	3.8334787 01
2.5400001 02	1.7955015 01	2.1557586 01	3.9512601 01
2.5500001 02	1.7953746 01	2.1527634 01	3.9481780 01
2.5700000 02	1.7507307 01	2.1146563 01	3.8653870 01
2.5800002 02	1.7096513 01	2.0831567 01	3.7928079 01
2.5900000 02	1.6607083 01	2.0469423 01	3.7076506 01
2.6000001 02	1.6093041 01	2.0090598 01	3.6183639 01
2.6100001 02	1.5536771 01	1.9688709 01	3.5225480 01
2.6200001 02	1.4789701 01	1.9222618 01	3.4012320 01
2.6300002 02	1.4016306 01	1.8786074 01	3.2802380 01
2.6400001 02	1.3322231 01	1.8379345 01	3.1701576 01
2.6500000 02	1.2345980 01	1.7896437 01	3.0242417 01
2.6700002 02	1.0543310 01	1.7026317 01	2.7569627 01
2.6800001 02	9.5659197 00	1.6564847 01	2.6130767 01
2.6900002 02	8.7113703 00	1.6160607 01	2.4871977 01
2.7000001 02	7.8558658 00	1.5761106 01	2.3616972 01
2.7200000 02	6.4307770 00	1.5053385 01	2.1484162 01
2.7400002 02	5.7359356 00	1.4612484 01	2.0348420 01
2.7500001 02	5.7076478 00	1.4516471 01	2.0224119 01
2.7600002 02	5.8875069 00	1.4506157 01	2.0393664 01
2.7800002 02	6.7879838 00	1.4732043 01	2.1520027 01
2.8000001 02	8.3003945 00	1.5262673 01	2.3563067 01

TABLE X (Continued)

T = 20.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.8100002 02	9.1281599 00	1.5529378 01	2.4717538 01
2.8200002 02	9.9718931 00	1.5937807 01	2.5909700 01
2.8400002 02	1.1354056 01	1.6572878 01	2.7926934 01
2.8500001 02	1.1865058 01	1.6839943 01	2.8705901 01
2.8700000 02	1.2223247 01	1.7127442 01	2.9352689 01
2.8800001 02	1.2115019 01	1.7152783 01	2.9267902 01
2.9000001 02	1.1414075 01	1.6987808 01	2.8401983 01
2.9200002 02	1.0321174 01	1.6621213 01	2.6942397 01
2.9300002 02	9.7655236 00	1.6416695 01	2.6182219 01
2.9400002 02	9.2639801 00	1.6222709 01	2.5486689 01
2.9500001 02	8.8399949 00	1.6053664 01	2.4893659 01
2.9600002 02	8.5567879 00	1.5945719 01	2.4522507 01
2.9700000 02	8.4409002 00	1.5904091 01	2.4344991 01
2.9800000 02	8.4048945 00	1.5897406 01	2.4302300 01
2.9900002 02	8.5936010 00	1.6001374 01	2.4594775 01
3.0000001 02	8.7754034 00	1.6097647 01	2.4873951 01
3.0200002 02	9.4297371 00	1.6457846 01	2.5889583 01
3.0400002 02	1.0094659 01	1.6847773 01	2.6942432 01
3.0500001 02	1.0227927 01	1.6963381 01	2.7191308 01
3.0600001 02	1.0223708 01	1.7008451 01	2.7232159 01
3.0800001 02	9.9259527 00	1.6963643 01	2.6889596 01
3.1000001 02	9.1798333 00	1.6719184 01	2.5899017 01
3.1200001 02	8.2213272 00	1.6411051 01	2.4632378 01
3.1400001 02	7.4596098 00	1.6282774 01	2.3742384 01
3.1500001 02	7.1813022 00	1.6327427 01	2.3508729 01
3.1600001 02	7.0899842 00	1.6527737 01	2.3617722 01
3.1700002 02	7.2510533 00	1.6915084 01	2.4166137 01
3.1800001 02	7.5614535 00	1.7451482 01	2.5012735 01
3.1900002 02	8.1443984 00	1.8211025 01	2.6355424 01
3.2000000 02	8.9146096 00	1.9143234 01	2.8057843 01
3.2100002 02	9.9099045 00	2.0273857 01	3.0193762 01
3.2200002 02	1.1043800 01	2.1542695 01	3.2586495 01
3.2500001 02	1.5024543 01	2.5897914 01	4.0922457 01
3.2600001 02	1.6344697 01	2.7346986 01	4.3691683 01
3.2800001 02	1.8667493 01	2.9921300 01	4.8588793 01
3.3000001 02	2.0285973 01	3.1748799 01	5.2034772 01
3.3200001 02	2.1044082 01	3.2621399 01	5.3665480 01
3.3400001 02	2.0967084 01	3.2539368 01	5.3506452 01
3.3600002 02	2.0300293 01	3.1738265 01	5.2038558 01
3.3800002 02	1.9112336 01	3.0365409 01	4.9477745 01
3.4000001 02	1.7698417 01	2.8757684 01	4.6456101 01
3.4200001 02	1.6090692 01	2.7038514 01	4.3129206 01
3.4400001 02	1.4357920 01	2.5308435 01	3.9666355 01
3.4500001 02	1.3454017 01	2.4445059 01	3.7899076 01
3.4700002 02	1.1623727 01	2.2753959 01	3.4376886 01
3.5000001 02	9.3438472 00	2.0641491 01	2.9985338 01
3.5200002 02	8.3406210 00	1.9640105 01	2.7990726 01
3.5300002 02	8.1021208 00	1.9339927 01	2.7442048 01
3.5400002 02	8.0659243 00	1.9196739 01	2.7262664 01
3.5500001 02	8.2428602 00	1.9221327 01	2.7464187 01
3.5600002 02	8.6352893 00	1.9417773 01	2.8053762 01
3.5700002 02	9.2281294 00	1.9776644 01	2.9004774 01
3.5800002 02	9.9778206 00	2.0269111 01	3.0246732 01
3.6000001 02	1.1854373 01	2.1619586 01	3.3473959 01
3.6200001 02	1.4085452 01	2.3309774 01	3.7395226 01
3.6400001 02	1.6197604 01	2.5020514 01	4.1218118 01
3.6500001 02	1.6912826 01	2.5657871 01	4.2570697 01
3.6800001 02	1.8356719 01	2.7088848 01	4.5445567 01
3.7000001 02	1.7893382 01	2.7015413 01	4.4908795 01
3.7200001 02	1.6638256 01	2.6341778 01	4.2980034 01
3.7400001 02	1.4532927 01	2.4953257 01	3.7486184 01
3.7600002 02	1.2122278 01	2.3281647 01	3.5404425 01
3.7800002 02	9.5102483 00	2.1388608 01	3.0898956 01

TABLE X (Continued)

T = 20.0 ev

$E_n(\text{ev})$	$\sigma_\gamma(\text{barns})$	$\sigma_S(\text{barns})$	$\sigma_T(\text{barns})$
3.8000001 02	7.0943062 00	1.9552628 01	2.6646934 01
3.8200002 02	5.0646093 00	1.7925743 01	2.2990353 01
3.8400002 02	3.5067299 00	1.6588188 01	2.0094717 01
3.8500001 02	2.9554614 00	1.6057538 01	1.9012999 01
3.8600002 02	2.5382751 00	1.5607248 01	1.8145523 01
3.8800002 02	1.9618836 00	1.4889005 01	1.6850988 01
3.9000000 02	1.8017417 00	1.4424986 01	1.6226728 01
3.9300002 02	2.1377586 00	1.4093289 01	1.6231048 01
3.9500001 02	2.5775433 00	1.4025440 01	1.6602983 01
3.9800002 02	3.1692017 00	1.4016265 01	1.7185469 01
4.0000001 02	3.4935532 00	1.4050163 01	1.7543716 01
4.0100000 02	3.6000635 00	1.4065267 01	1.7665330 01
4.0300001 02	3.6624688 00	1.4073998 01	1.7736467 01
4.0500001 02	3.5269105 00	1.4045997 01	1.7572907 01
4.0600002 02	3.3887078 00	1.4015310 01	1.7404018 01
4.0800002 02	3.0034316 00	1.3923062 01	1.6926494 01
4.1000002 02	2.5226379 00	1.3796487 01	1.6319125 01
4.1200000 02	2.0069568 00	1.3646875 01	1.5653932 01
4.1500001 02	1.2927732 00	1.3410942 01	1.4703715 01
4.2000001 02	4.9093953-01	1.3065418 01	1.3556358 01
4.2500002 02	1.5149507-01	1.2814089 01	1.2965584 01
4.2800002 02	7.6652574-02	1.2694797 01	1.2771450 01
4.3000001 02	5.4386211-02	1.2622291 01	1.2676677 01
4.3200002 02	4.6464077-02	1.2553591 01	1.2600055 01
4.3500002 02	5.8920583-02	1.2459872 01	1.2518793 01
4.4000001 02	1.9735801-01	1.2386233 01	1.2583591 01
4.4500002 02	7.3475860-01	1.2688213 01	1.3422771 01
4.5000001 02	2.1474678 00	1.3948284 01	1.6095752 01
4.5100002 02	2.5627735 00	1.4356148 01	1.6918921 01
4.5300002 02	3.5376789 00	1.5367143 01	1.8904822 01
4.5600000 02	5.1970017 00	1.7207031 01	2.2404033 01
4.5800001 02	6.3196778 00	1.8528198 01	2.4847876 01
4.6000001 02	7.3238206 00	1.9784593 01	2.7108413 01
4.6200001 02	8.0933612 00	2.0826199 01	2.8919560 01
4.6500001 02	8.5835060 00	2.1703939 01	3.0287445 01
4.6800001 02	8.7498867 00	2.1645312 01	2.9895199 01
4.7000001 02	7.7468849 00	2.1253832 01	2.9000717 01
4.7300002 02	6.7849927 00	2.0339712 01	2.7123704 01
4.7500001 02	6.2668958 00	1.9811989 01	2.6078885 01
4.7700002 02	5.9886323 00	1.9536574 01	2.5525206 01
4.7900002 02	6.0047099 00	1.9597882 01	2.5602592 01
4.8000001 02	6.1169646 00	1.9754927 01	2.5871891 01
4.8100002 02	6.2854719 00	1.9985536 01	2.6271008 01
4.8200002 02	6.5023327 00	2.0284506 01	2.6786839 01
4.8500001 02	7.3765406 00	2.1512144 01	2.8888685 01
4.8700001 02	7.8854771 00	2.2298304 01	3.0183781 01
4.9000001 02	8.3151579 00	2.3116116 01	3.1431274 01
4.9100001 02	8.3395562 00	2.3238885 01	3.1578441 01
4.9200001 02	8.2224662 00	2.3197995 01	3.1420461 01
4.9500001 02	7.5705356 00	2.2588776 01	3.0159311 01
4.9800002 02	6.3195694 00	2.1126169 01	2.7445738 01
5.0000001 02	5.4412891 00	1.9927379 01	2.5368668 01
5.0200002 02	4.5619080 00	1.8657085 01	2.3218993 01
5.0300002 02	4.1396875 00	1.8034520 01	2.2174207 01
5.0400002 02	3.6839677 00	1.7423878 01	2.1107846 01
5.0500001 02	3.3932913 00	1.6871708 01	2.0264999 01
5.0600002 02	3.0970438 00	1.6353266 01	1.9450310 01
5.0800002 02	2.6245507 00	1.5459692 01	1.8084243 01
5.1000001 02	2.3222521 00	1.4767690 01	1.7089942 01
5.1200001 02	2.1731934 00	1.4266315 01	1.6439508 01
5.1400001 02	2.1555685 00	1.3934842 01	1.6090411 01
5.1600001 02	2.2437482 00	1.3743328 01	1.5987076 01
5.1800002 02	2.4204551 00	1.3662973 01	1.6093428 01

TABLE X (Continued)

T = 20.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
5.2000001 02	2.6628876 00	1.3667974 01	1.6330261 01
5.2200002 02	2.9556813 00	1.3733255 01	1.6688736 01
5.2500001 02	3.3994925 00	1.3990814 01	1.7290306 01
5.2700001 02	3.6479819 00	1.4002857 01	1.7650839 01
5.3000001 02	3.8572491 00	1.4122650 01	1.7985899 01
5.3100001 02	3.8657882 00	1.4149637 01	1.8015475 01
5.3200001 02	3.8448921 00	1.4157611 01	1.8002503 01
5.3300001 02	3.7948853 00	1.4153997 01	1.7948883 01
5.3500001 02	3.5950472 00	1.4104881 01	1.7699928 01
5.3700000 02	3.2867983 00	1.4002742 01	1.7289540 01
5.4000001 02	2.6985420 00	1.3776018 01	1.6474560 01
5.4200001 02	2.2787305 00	1.3596416 01	1.5875146 01
5.4500001 02	1.6950159 00	1.3326899 01	1.5021915 01
5.4700002 02	1.3872611 00	1.3169422 01	1.4556683 01
5.4900001 02	1.1736092 00	1.3047091 01	1.4220700 01
5.5000001 02	1.1067992 00	1.3003223 01	1.4110722 01
5.5200001 02	1.0606762 00	1.2954503 01	1.4015179 01
5.5400002 02	1.1367463 00	1.2966816 01	1.4103562 01
5.5500002 02	1.2230885 00	1.2998642 01	1.4221731 01
5.5700002 02	1.4864898 00	1.3115002 01	1.4601492 01
5.6000001 02	2.0925929 00	1.3420469 01	1.5513762 01
5.6200002 02	2.6011011 00	1.3697641 01	1.6300742 01
5.6500001 02	3.4244906 00	1.4184887 01	1.7607378 01
5.6700001 02	3.9446626 00	1.4512084 01	1.8456747 01
5.6800001 02	4.1730315 00	1.4663444 01	1.8836476 01
5.7000000 02	4.5461023 00	1.4925216 01	1.9471318 01
5.7200001 02	4.7681684 00	1.5105051 01	1.9873220 01
5.7300001 02	4.8220634 00	1.5158773 01	1.9980836 01
5.7500001 02	4.7963114 00	1.5185269 01	1.9981580 01
5.7800001 02	4.4767392 00	1.5030755 01	1.9507494 01
5.8000001 02	4.1262908 00	1.4819345 01	1.8945636 01
5.8200001 02	3.7363815 00	1.4555639 01	1.8292021 01
5.8500001 02	3.1636298 00	1.4120907 01	1.7284537 01
5.8800002 02	2.7448554 00	1.3725044 01	1.6469899 01
5.9000001 02	2.5828979 00	1.3513244 01	1.6076142 01
5.9200002 02	2.5149588 00	1.3351200 01	1.5866159 01
5.9500001 02	2.5269402 00	1.3192777 01	1.5719717 01
5.9800002 02	2.6074676 00	1.3108504 01	1.5715971 01
6.0000001 02	2.6452429 00	1.3071033 01	1.5716776 01
6.0100001 02	2.6501865 00	1.3052015 01	1.5702702 01
6.0300001 02	2.6321178 00	1.3013123 01	1.5645241 01
6.0500001 02	2.5738508 00	1.2965256 01	1.5539107 01
6.0700001 02	2.4739960 00	1.2902149 01	1.5376145 01
6.1000001 02	2.2746556 00	1.2784780 01	1.5059435 01
6.1200002 02	2.1312400 00	1.2695790 01	1.4827030 01
6.1500001 02	1.9202053 00	1.2556757 01	1.4476963 01
6.1600002 02	1.8529028 00	1.2510416 01	1.4363318 01
6.1800001 02	1.7188128 00	1.2419291 01	1.4138104 01
6.2000001 02	1.5930683 00	1.2332502 01	1.3925570 01
6.2100001 02	1.5342065 00	1.2289822 01	1.3824028 01
6.2200001 02	1.4662879 00	1.2246643 01	1.3712931 01
6.2500001 02	1.2660426 00	1.2122310 01	1.3388352 01
6.2800002 02	1.0635404 00	1.2001714 01	1.3065954 01
6.3000001 02	9.4182182-01	1.1924828 01	1.2866649 01
6.3500002 02	7.6972317-01	1.1779626 01	1.2549349 01
6.4000000 02	9.9149806-01	1.1819420 01	1.2810718 01
6.4200002 02	1.2473183 00	1.1932916 01	1.3190234 01
6.4500002 02	1.8296510 00	1.2245740 01	1.4075391 01
6.4800001 02	2.6856830 00	1.2788071 01	1.5473754 01
6.5000001 02	3.3490912 00	1.3292153 01	1.6641244 01
6.5200001 02	4.1567783 00	1.3996563 01	1.8153341 01
6.5300002 02	4.5296735 00	1.4323757 01	1.8853431 01
6.5500001 02	5.4207003 00	1.5294449 01	2.0715150 01

TABLE X (Continued)

T = 20.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_n (barns)
6.5600001 02	5.7867235 00	1.5743866 01	2.1530589 01
6.5800001 02	6.7014070 00	1.6980920 01	2.3682377 01
6.6000001 02	7.4579326 00	1.8357423 01	2.5815355 01
6.6300001 02	8.7380413 00	2.1045889 01	2.9783930 01
6.6500001 02	9.2808348 00	2.2988953 01	3.2269780 01
6.6800001 02	1.0297400 01	2.6361125 01	3.6658525 01
6.7000001 02	1.0854567 01	2.8752319 01	3.9606986 01
6.7500001 02	1.1663982 01	3.4030738 01	4.5694720 01
6.8000001 02	1.1747405 01	3.6682273 01	4.8429478 01
6.8500001 02	1.1192969 01	3.5594013 01	4.6786982 01
6.9000001 02	1.0086707 01	3.1533001 01	4.1620308 01
6.9200001 02	9.7428459 00	2.7626749 01	3.9367575 01
6.9500000 02	9.0285591 00	2.6622703 01	3.5651762 01
7.0000001 02	7.0000001 02	2.2285173 01	3.0153449 01
7.0500002 02	7.0252970 00	1.9348196 01	2.6373493 01
7.1000001 02	6.2142148 00	1.7663351 01	2.3877566 01
7.1500001 02	5.5416631 00	1.6927412 01	2.2467075 01
7.1700001 02	5.2650962 00	1.6836278 01	2.2101374 01
7.2000001 02	4.8121377 00	1.7017536 01	2.1829673 01
7.2500001 02	4.2628887 00	1.8556800 01	2.2817689 01
7.2800002 02	4.1791231 00	2.0434365 01	2.4613488 01
7.3000001 02	4.2693526 00	2.2195337 01	2.6464689 01
7.3200001 02	4.4228629 00	2.4248314 01	2.8671176 01
7.3500001 02	4.9567531 00	2.7903200 01	3.2859753 01
7.4000001 02	5.8972073 00	3.4032780 01	3.9929288 01
7.4200001 02	6.1807741 00	3.5978203 01	4.2158977 01
7.4400001 02	6.3455710 00	3.7374498 01	4.3720668 01
7.4500001 02	6.3724698 00	3.7825403 01	4.4177873 01
7.4800001 02	6.2052650 00	3.8081030 01	4.4296795 01
7.5000001 02	5.8925333 00	3.7335182 01	4.3227715 01
7.5400000 02	4.8981874 00	3.4007518 01	3.8905705 01
7.5800001 02	3.6850731 00	2.9231128 01	3.2910201 01
7.6000001 02	3.1058608 00	2.6722328 01	2.9828189 01
7.6500000 02	1.9971795 00	2.1169251 01	2.3166430 01
7.7000001 02	1.4997647 00	1.7411073 01	1.8910838 01
7.7200002 02	1.4594053 00	1.6431072 01	1.7890477 01
7.7800002 02	1.6198677 00	1.4900605 01	1.6520473 01
7.8000001 02	1.7267687 00	1.4772883 01	1.6499652 01
7.8200001 02	1.8427960 00	1.4813827 01	1.6656623 01
7.8300001 02	1.9042147 00	1.4892583 01	1.6802798 01
7.8500001 02	2.0346876 00	1.5204066 01	1.7238753 01
7.8800001 02	2.2786066 00	1.6041117 01	1.8319723 01
7.9000001 02	2.4968464 00	1.6875633 01	1.9372479 01
7.9500001 02	3.2230933 00	1.9950237 01	2.3173330 01
8.0000001 02	4.1925016 00	2.4035459 01	2.8227960 01
8.0500001 02	5.0510994 00	2.7879887 01	3.2930986 01
8.0800001 02	5.3125616 00	2.9391290 01	3.4703952 01
8.1000001 02	5.3336269 00	2.9992159 01	3.5225786 01
8.1200001 02	5.2254492 00	2.9942302 01	3.5167751 01
8.1500001 02	4.8367559 00	2.9189419 01	3.4026175 01
8.2000000 02	3.7932437 00	2.6227826 01	3.0021769 01
8.2500001 02	2.7162736 00	2.2417149 01	2.5133422 01
8.3000001 02	2.0480131 00	1.9135054 01	2.1183967 01
8.3500001 02	1.9256618 00	1.7036333 01	1.8961775 01
8.4000001 02	2.1765817 00	1.6029957 01	1.8206539 01
8.4200002 02	2.3112449 00	1.5835059 01	1.8146304 01
8.4500001 02	2.4770373 00	1.5658369 01	1.8135406 01
8.4800001 02	2.5836205 00	1.5553312 01	1.8136732 01
8.5000001 02	2.5956624 00	1.5483664 01	1.8079327 01
8.5200002 02	2.5691766 00	1.5406467 01	1.7975644 01
8.5500001 02	2.4760461 00	1.5264812 01	1.7740858 01
8.5800001 02	2.3489029 00	1.5096265 01	1.7445168 01
8.6000001 02	2.2421883 00	1.4970097 01	1.7212785 01

TABLE X (Continued)

T = 20.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
8.6500001 02	2.0593031 00	1.4690009 01	1.6749312 01
8.6800001 02	1.9937408 00	1.4565429 01	1.6559170 01
8.7000001 02	1.9781723 00	1.4511240 01	1.6489412 01
8.7200001 02	1.9816722 00	1.4482835 01	1.6464507 01
8.7500001 02	2.0140151 00	1.4493601 01	1.6507616 01
8.7600001 02	2.0414958 00	1.4514748 01	1.6556243 01
8.7800002 02	2.1204756 00	1.4578859 01	1.6697355 01
8.8000001 02	2.1927591 00	1.4664583 01	1.6857342 01
8.8300001 02	2.3509894 00	1.4842837 01	1.7193826 01
8.8500001 02	2.4703508 00	1.4983718 01	1.7454769 01
8.8700001 02	2.5745980 00	1.5127079 01	1.7701677 01
8.9000000 02	2.7096627 00	1.5332582 01	1.8042745 01
8.9200001 02	2.7607210 00	1.5445172 01	1.8205893 01
8.9400001 02	2.7703535 00	1.5526423 01	1.8296777 01
8.9500001 02	2.7532005 00	1.5550480 01	1.8303680 01
8.9800001 02	2.6393461 00	1.5563786 01	1.8203132 01
9.0000001 02	2.5009349 00	1.5515417 01	1.8016351 01
9.0200001 02	2.3212219 00	1.5423855 01	1.7745077 01
9.0400002 02	2.1017638 00	1.5289589 01	1.7391353 01
9.0500001 02	1.9859737 00	1.5212094 01	1.7198067 01
9.1000001 02	1.3745553 00	1.4746931 01	1.6121486 01
9.1500002 02	8.6310389-01	1.4279063 01	1.5142167 01
9.2000001 02	5.8221429-01	1.3942441 01	1.4524655 01
9.2300000 02	5.5118272-01	1.3843153 01	1.4394336 01
9.2500002 02	5.9062875-01	1.3828429 01	1.4419058 01
9.3000001 02	8.9230193-01	1.3986550 01	1.4878852 01
9.3500001 02	1.4405818 00	1.4424937 01	1.5865519 01
9.4000001 02	2.1160651 00	1.5037350 01	1.7153415 01
9.4200001 02	2.3123421 00	1.5220136 01	1.7532478 01
9.4600001 02	2.7967360 00	1.5717636 01	1.8514372 01
9.5000001 02	2.9933498 00	1.5917082 01	1.8912432 01
9.5500001 02	3.0436195 00	1.5932467 01	1.8976087 01
9.5800002 02	2.9103169 00	1.5726821 01	1.8637138 01
9.6000001 02	2.7828131 00	1.5575648 01	1.8350461 01

TABLE XI
 Th^{232} CROSS SECTIONS

Th^{232} Temperature = 50.0 ev

Neutron Energy, E_n (ev)	Radiative Capture σ_γ (barns)	Scattering σ_s (barns)	Total Cross Section, σ_T (barns)
2.5300000-02	7.1803169 00	4.1496509 01	4.8676826 01
5.0000005-02	5.0890631 00	3.0552455 01	3.5641519 01
1.0000001-01	3.5723068 00	2.3035035 01	2.6607342 01
5.0000001-01	1.5113298 00	1.4610742 01	1.6122072 01
1.0000001 00	1.0039862 00	1.3240429 01	1.4244415 01
2.0000001 00	6.3955091-01	1.2446616 01	1.3086166 01
5.0000000 00	3.5555274-01	1.1726007 01	1.2061560 01
7.5000000 00	2.6123405-01	1.1411619 01	1.1672853 01
1.0000001 01	2.3927907-01	1.1138476 01	1.1377755 01
1.5000001 01	5.6434127 00	1.0781968 01	1.6425391 01
1.7000002 01	2.6233141 01	1.2069871 01	3.8303012 01
1.8000000 01	4.5979494 01	1.3691791 01	5.9671285 01
1.9000002 01	7.0844693 01	1.6024148 01	8.6868243 01
2.0000001 01	9.6787574 01	1.8790216 01	1.1557779 02
2.1000001 01	1.1824792 02	2.1474279 01	1.3972220 02
2.2000001 01	1.3010606 02	2.3491081 01	1.5358714 02
2.3000001 01	1.3001274 02	2.4396370 01	1.5440711 02
2.4000001 01	1.1847794 02	2.4071829 01	1.4254777 02
2.5000001 01	9.9080159 01	2.2717610 01	1.2179777 02
2.6000001 01	7.6395193 01	2.0740190 01	9.7135383 01
2.7000002 01	5.4544685 01	1.8582104 01	7.3126840 01
2.8000001 01	3.6206683 01	1.6592449 01	5.2799134 01
2.9000002 01	2.2443468 01	1.4966841 01	3.7410309 01
3.0000001 01	1.3056447 01	1.3754572 01	2.6811021 01
3.5000002 01	4.7407701-01	1.1563812 01	1.2037889 01
3.8000002 01	1.3784621-01	1.1234417 01	1.1372263 01
4.0000001 01	1.1792173-01	1.1063038 01	1.1180960 01
4.2000002 01	1.3405328-01	1.0899605 01	1.1033658 01
4.4000002 01	2.2942973-01	1.0741769 01	1.0971199 01
4.6000002 01	5.7451751-01	1.0616070 01	1.1190588 01
5.0000001 01	3.5557092 00	1.0798611 01	1.4354320 01
5.1000002 01	5.4153432 00	1.1115429 01	1.6530772 01
5.2000002 01	7.8428428 00	1.1609807 01	1.7452650 01
5.5000001 01	1.6027802 01	1.4081872 01	3.0109674 01
5.8000001 01	3.0254144 01	2.1419402 01	5.1673546 01
6.0000001 01	4.0230640 01	3.0314139 01	7.0544779 01
6.2000001 01	5.3842322 01	4.4174181 01	9.8016502 01
6.5000001 01	7.6142240 01	7.0154620 01	1.4629686 02
6.7000002 01	8.7740199 01	8.5139100 01	1.7287730 02
6.9000002 01	9.1956896 01	9.2646883 01	1.8460378 02
7.0000002 01	9.0127226 01	9.2582933 01	1.8271016 02
7.2000002 01	7.9424061 01	8.5245049 01	1.6466911 02
7.3000002 01	7.1389045 01	7.8707404 01	1.5009645 02
7.4000002 01	6.2231645 01	7.0981475 01	1.3321312 02
7.5000002 01	5.2696348 01	6.2683752 01	1.1538010 02
7.6000002 01	4.3345270 01	5.4373675 01	9.7718945 01
7.8000002 01	2.6985933 01	3.7434433 01	6.6420366 01
8.0000001 01	1.5077018 01	2.8209506 01	4.3286574 01
8.5000002 01	2.3102542 00	1.5387981 01	1.7698235 01
8.8000002 01	6.3803759-01	1.3318254 01	1.3956292 01
9.0000001 01	3.2571773-01	1.2726185 01	1.3051903 01
9.2000002 01	2.9367325-01	1.2386740 01	1.2680413 01
9.5000002 01	6.7356646-01	1.2109904 01	1.2783470 01
1.0000001 02	3.5078490 00	1.2311376 01	1.5819225 01
1.0200002 02	6.0469094 00	1.2822628 01	1.8869538 01
1.0500002 02	1.1888686 01	1.4302450 01	2.6191136 01
1.0800002 02	1.9589547 01	1.6701851 01	3.6291398 01
1.1000001 02	2.5107812 01	1.8705845 01	4.3813657 01
1.1400001 02	3.4112309 01	2.2781679 01	5.6893988 01
1.1600001 02	3.6949678 01	2.4444581 01	6.1394259 01
1.1800001 02	3.7786830 01	2.5499962 01	6.3286792 01
1.2000001 02	3.6957881 01	2.5743166 01	6.2701047 01
1.2200001 02	3.4537283 01	2.5298002 01	5.9835285 01

TABLE XI (Continued)

T = 50.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
1.2400001 02	3.0558503 01	2.3965883 01	5.4524386 01
1.2600001 02	2.6301712 01	2.2322574 01	4.8624286 01
1.2800001 02	2.1199049 01	2.0294540 01	4.1493589 01
1.3000001 02	1.6797937 01	1.8364354 01	3.5162791 01
1.3200002 02	1.2430735 01	1.6613015 01	2.9043750 01
1.3400002 02	9.1256781 00	1.5187262 01	2.4312940 01
1.3600002 02	6.2076015 00	1.4063567 01	2.0271169 01
1.3800000 02	4.2449984 00	1.3257713 01	1.7502711 01
1.3900002 02	3.4497907 00	1.2930850 01	1.6380641 01
1.4000001 02	2.8690611 00	1.2672400 01	1.5541461 01
1.4100002 02	2.3708733 00	1.2459079 01	1.4829952 01
1.4200002 02	1.9615935 00	1.2284162 01	1.4245756 01
1.4400002 02	1.4331256 00	1.2054798 01	1.3487924 01
1.4500001 02	1.3207012 00	1.2006526 01	1.3329227 01
1.4700001 02	1.3335171 00	1.2071532 01	1.3405049 01
1.5000001 02	2.0580278 00	1.2777351 01	1.4835379 01
1.5300002 02	3.9070158 00	1.4698799 01	1.8605315 01
1.5500001 02	6.0020307 00	1.6965954 01	2.2967985 01
1.5700002 02	8.7813452 00	2.0172449 01	2.8953794 01
1.5800001 02	1.0447793 01	2.2136617 01	3.2584410 01
1.5900002 02	1.2307185 01	2.4324983 01	3.6632168 01
1.6000001 02	1.4247906 01	2.6694878 01	4.0942784 01
1.6100002 02	1.6312088 01	2.9220050 01	4.5532138 01
1.6200002 02	1.8435093 01	3.1840184 01	5.0275277 01
1.6500001 02	2.4461315 01	3.9520523 01	6.3981837 01
1.6700001 02	2.7625291 01	4.3731539 01	7.1356832 01
1.6800001 02	2.8762568 01	4.5326367 01	7.4088935 01
1.6900001 02	2.9562028 01	4.6506028 01	7.6068056 01
1.7000001 02	3.0019138 01	4.7251218 01	7.7270356 01
1.7100001 02	3.0096518 01	4.7514582 01	7.7611100 01
1.7200001 02	2.9830462 01	4.7299225 01	7.7129686 01
1.7300001 02	2.9252832 01	4.6654112 01	7.5906045 01
1.7500001 02	2.7271637 01	4.4149890 01	7.1421529 01
1.7800002 02	2.3280149 01	3.8340631 01	6.1620780 01
1.8000001 02	2.0594021 01	3.3915493 01	5.4509514 01
1.8200002 02	1.8533001 01	2.9731539 01	4.8264540 01
1.8300002 02	1.7551289 01	2.7786546 01	4.5337835 01
1.8500001 02	1.6584253 01	2.4530350 01	4.1114603 01
1.8700002 02	1.6241599 01	2.2010096 01	3.8251695 01
1.9000001 02	1.6656273 01	1.9639001 01	3.6295274 01
1.9300002 02	1.6913755 01	1.8272235 01	3.5205990 01
1.9500001 02	1.6817660 01	1.7807967 01	3.4625627 01
1.9800001 02	1.6116241 01	1.7263802 01	3.3380042 01
2.0000001 02	1.5213963 01	1.6970439 01	3.2184402 01
2.0200001 02	1.4130272 01	1.6714664 01	3.0844736 01
2.0400001 02	1.3184134 01	1.6537095 01	2.9721228 01
2.0500001 02	1.2538940 01	1.6462039 01	2.9000979 01
2.0700002 02	1.1914824 01	1.6457221 01	2.8372045 01
2.0800002 02	1.1579221 01	1.6476544 01	2.8055765 01
2.0900002 02	1.1280864 01	1.6532160 01	2.7813024 01
2.1000001 02	1.1106086 01	1.6651274 01	2.7757360 01
2.1100002 02	1.1156786 01	1.6813070 01	2.7969856 01
2.1200002 02	1.1274410 01	1.6951234 01	2.8225644 01
2.1300000 02	1.1337363 01	1.7160258 01	2.8497621 01
2.1400002 02	1.1562250 01	1.7376861 01	2.8939111 01
2.1500001 02	1.1685416 01	1.7548801 01	2.9234217 01
2.1700002 02	1.2106353 01	1.7977284 01	3.0083637 01
2.2000001 02	1.2443244 01	1.8408207 01	3.0851451 01
2.2200001 02	1.2126609 01	1.8367289 01	3.0493898 01
2.2500001 02	1.1387577 01	1.8154769 01	2.9542346 01
2.2700002 02	1.0407044 01	1.7737753 01	2.8146796 01
2.2800002 02	9.9169571 00	1.7522638 01	2.7439595 01
2.3000001 02	9.1358078 00	1.7133844 01	2.6269652 01

TABLE XI (Continued)

T = 50.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.3300002 02	7.8164500 00	1.6424644 01	2.4241074 01
2.3400002 02	7.4228102 00	1.6207877 01	2.3630687 01
2.3500000 02	7.2006936 00	1.6066362 01	2.3267058 01
2.3700002 02	7.0667368 00	1.5920511 01	2.2987248 01
2.3900002 02	7.1240396 00	1.5897559 01	2.3021599 01
2.4000001 02	7.4808072 00	1.6030874 01	2.3511681 01
2.4300000 02	8.7139802 00	1.6621428 01	2.5335408 01
2.4500002 02	9.6042843 00	1.7036607 01	2.6642891 01
2.4700002 02	1.0899692 01	1.7661686 01	2.8561378 01
2.5000001 02	1.2452794 01	1.8431213 01	3.0884007 01
2.5200001 02	1.3250804 01	1.8821572 01	3.2072376 01
2.5500001 02	1.3922111 01	1.9125726 01	3.3047837 01
2.5800002 02	1.3906926 01	1.9057002 01	3.2963928 01
2.6000001 02	1.3555002 01	1.8827025 01	3.2382027 01
2.6200001 02	1.2976393 01	1.8474342 01	3.1450735 01
2.6400001 02	1.2264644 01	1.8050282 01	3.0314926 01
2.6700002 02	1.1111963 01	1.7366547 01	2.8478910 01
2.6800001 02	1.0751341 01	1.7148755 01	2.7900076 01
2.7000001 02	1.0099949 01	1.6748566 01	2.6848515 01
2.7200000 02	9.5837530 00	1.6417348 01	2.6001101 01
2.7400002 02	9.2562299 00	1.6179314 01	2.5435543 01
2.7500001 02	9.1463384 00	1.6090136 01	2.5236474 01
2.7600002 02	9.0920204 00	1.6028368 01	2.5120888 01
2.7800002 02	9.0829117 00	1.5963130 01	2.5046742 01
2.8000001 02	9.1860214 00	1.5966452 01	2.5152474 01
2.8200002 02	9.3585494 00	1.6019613 01	2.5378162 01
2.8400002 02	9.5473919 00	1.6100130 01	2.5647522 01
2.8700000 02	9.7780608 00	1.6231709 01	2.6009769 01
2.9000001 02	9.8758746 00	1.6339460 01	2.6215335 01
2.9200002 02	9.8672671 00	1.6394488 01	2.6261755 01
2.9300002 02	9.8454895 00	1.6417770 01	2.6263259 01
2.9500001 02	9.7768562 00	1.6463291 01	2.6240147 01
2.9600002 02	9.7284738 00	1.6483945 01	2.6212419 01
2.9700000 02	9.6782539 00	1.6507181 01	2.6185435 01
2.9800000 02	9.6294857 00	1.6535210 01	2.6164695 01
2.9900002 02	9.5837739 00	1.6569352 01	2.6153126 01
3.0000001 02	9.5397857 00	1.6609408 01	2.6149194 01
3.0200002 02	9.4474001 00	1.6709345 01	2.6156745 01
3.0500001 02	9.3971073 00	1.6973675 01	2.6370783 01
3.0800001 02	9.4519136 00	1.7409004 01	2.6860918 01
3.1000001 02	9.5978537 00	1.7837176 01	2.7435030 01
3.1200001 02	9.8552419 00	1.8400457 01	2.8255699 01
3.1400001 02	1.0234230 01	1.9103950 01	2.9330730 01
3.1500001 02	1.0472811 01	1.9509214 01	2.9982025 01
3.1600001 02	1.0746443 01	1.9950496 01	3.0696739 01
3.1700002 02	1.1061924 01	2.0428852 01	3.1490776 01
3.1800001 02	1.1412374 01	2.0936372 01	3.2347246 01
3.2000000 02	1.2181641 01	2.2017581 01	3.4199222 01
3.2100002 02	1.2596058 01	2.2578734 01	3.5174792 01
3.2200002 02	1.3029499 01	2.3150343 01	3.6179942 01
3.2500001 02	1.4321991 01	2.4809758 01	3.9131749 01
3.2800001 02	1.5446288 01	2.6217525 01	4.1663813 01
3.3000001 02	1.6007550 01	2.6918071 01	4.2925621 01
3.3200001 02	1.6366524 01	2.7378908 01	4.3745432 01
3.3600002 02	1.6399199 01	2.7516159 01	4.3915358 01
3.4000001 02	1.5621257 01	2.6736788 01	4.2358045 01
3.4400001 02	1.4402748 01	2.5433553 01	3.9836301 01
3.4700002 02	1.3502291 01	2.4418722 01	3.7921013 01
3.5000001 02	1.2822789 01	2.3586819 01	3.6409608 01
3.5200002 02	1.2555719 01	2.3197743 01	3.5753462 01
3.5300002 02	1.2476271 01	2.3054866 01	3.5531137 01
3.5400002 02	1.2431999 01	2.2948834 01	3.5380833 01
3.5500001 02	1.2432790 01	2.2883387 01	3.5316177 01

TABLE XI (Continued)

T = 50.0 ev

E_n (ev)	σ_γ (barns)	σ_g (barns)	σ_T (barns)
3.5600002 02	1.2456797 01	2.2845207 01	3.5302006 01
3.5800002 02	1.2583777 01	2.2856767 01	3.5440744 01
3.6000001 02	1.2760568 01	2.2944474 01	3.5705042 01
3.6200001 02	1.2942160 01	2.3066847 01	3.6009007 01
3.6500001 02	1.3048906 01	2.3181951 01	3.6230857 01
3.6800001 02	1.2839961 01	2.3097712 01	3.5937673 01
3.7000001 02	1.2465974 01	2.2873836 01	3.5339810 01
3.7200001 02	1.1920491 01	2.2510409 01	3.4430900 01
3.7400001 02	1.1174851 01	2.1989796 01	3.3164647 01
3.7600002 02	1.0312256 01	2.1352951 01	3.1665707 01
3.7800002 02	9.3578874 00	2.0620480 01	2.9978367 01
3.8000001 02	8.3598336 00	1.9827100 01	2.9186734 01
3.8200002 02	7.3981592 00	1.9021076 01	2.6417235 01
3.8400002 02	6.4699170 00	1.8221654 01	2.4686458 01
3.8500001 02	6.0576210 00	1.7836037 01	2.3893658 01
3.8600002 02	5.6678328 00	1.7469215 01	2.3137048 01
3.8800002 02	4.9647928 00	1.6784090 01	2.1748883 01
3.9000000 02	4.3837412 00	1.6177774 01	2.0561715 01
3.9300002 02	3.6973903 00	1.5424917 01	1.9122307 01
3.9500001 02	3.4260259 00	1.5041908 01	1.8467934 01
3.9800002 02	3.0848741 00	1.4586660 01	1.7671534 01
4.0000001 02	2.9198469 00	1.4359718 01	1.7279565 01
4.0100000 02	2.8137756 00	1.4260231 01	1.7074007 01
4.0300001 02	2.6935804 00	1.4099013 01	1.6792594 01
4.0500001 02	2.5183239 00	1.3949207 01	1.6467531 01
4.0800002 02	2.2533116 00	1.3771879 01	1.6025190 01
4.1000002 02	2.0497993 00	1.3657758 01	1.5707557 01
4.1200000 02	1.8447903 00	1.3552606 01	1.5397396 01
4.1500001 02	1.5391571 00	1.3404918 01	1.4944075 01
4.2000001 02	1.0487655 00	1.3165737 01	1.4214503 01
4.2500002 02	6.8176280-01	1.2974381 01	1.3656144 01
4.2800002 02	5.7828881-01	1.2911519 01	1.3489808 01
4.3000001 02	5.5395426-01	1.2899388 01	1.3453342 01
4.3200002 02	5.8655812-01	1.2920572 01	1.3507130 01
4.3500002 02	7.2240925-01	1.3027860 01	1.3750269 01
4.4000001 02	1.2303262 00	1.3465702 01	1.4696028 01
4.4500002 02	2.0940242 00	1.4292830 01	1.6386854 01
4.5000001 02	3.2436693 00	1.5490735 01	1.8734404 01
4.5300002 02	3.9993965 00	1.6329086 01	2.0328483 01
4.5600000 02	4.7396439 00	1.7188378 01	2.1928022 01
4.6000001 02	5.6142878 00	1.8268669 01	2.3882957 01
4.6200001 02	5.9739658 00	1.8747582 01	2.4721548 01
4.6500001 02	6.4029628 00	1.9363269 01	2.5766232 01
4.6800001 02	6.7020064 00	1.9852612 01	2.6554618 01
4.7000001 02	6.8302274 00	2.0105978 01	2.6936205 01
4.7300002 02	6.9513637 00	2.0412531 01	2.7363895 01
4.7500001 02	6.9863876 00	2.0566662 01	2.7553045 01
4.7700002 02	6.9971893 00	2.0690251 01	2.7687440 01
4.7900002 02	6.9898028 00	2.0788844 01	2.7778647 01
4.8000001 02	6.9863674 00	2.0833210 01	2.7819577 01
4.8200002 02	6.9486019 00	2.0885790 01	2.7834392 01
4.8500001 02	6.8503386 00	2.0893869 01	2.7744208 01
4.8700001 02	6.7350124 00	2.0832105 01	2.7567118 01
4.9000001 02	6.5258032 00	2.0637593 01	2.7163396 01
4.9100001 02	6.4275159 00	2.0535747 01	2.6963263 01
4.9200001 02	6.3176629 00	2.0415397 01	2.6733960 01
4.9500001 02	5.9408857 00	1.9950615 01	2.5891501 01
5.0000001 02	5.2075533 00	1.8870476 01	2.4078031 01
5.0200002 02	4.8491538 00	1.8356934 01	2.3206088 01
5.0400002 02	4.5701933 00	1.7837680 01	2.2407873 01
5.0600002 02	4.2323467 00	1.7306406 01	2.1538753 01
5.0800002 02	3.9561670 00	1.6788781 01	2.0744748 01
5.1000001 02	3.7385087 00	1.6323197 01	2.0061705 01

TABLE XI (Continued)

T = 50.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
5.1200001 02	3.5331490 00	1.5863891 01	1.9397040 01
5.1400001 02	3.3820507 00	1.5481236 01	1.8863287 01
5.2000001 02	3.1210494 00	1.4613483 01	1.7734532 01
5.2700001 02	3.0138763 00	1.4091709 01	1.7105595 01
5.3000001 02	2.9289240 00	1.3956281 01	1.6885205 01
5.3200002 02	2.9057219 00	1.3897667 01	1.6803389 01
5.3300001 02	2.8670189 00	1.3863986 01	1.6731005 01
5.3700001 02	2.6886358 00	1.3747399 01	1.6436035 01
5.4000002 02	2.5345108 00	1.3668669 01	1.6203180 01
5.4500001 02	2.3380973 00	1.3583506 01	1.5921603 01
5.4700002 02	2.2914185 00	1.3568157 01	1.5859575 01
5.5000001 02	2.3005209 00	1.3581882 01	1.5882403 01
5.5200001 02	2.3028806 00	1.3596972 01	1.5899852 01
5.5400002 02	2.3775311 00	1.3643453 01	1.6020984 01
5.5500002 02	2.4009464 00	1.3662118 01	1.6063065 01
5.6000001 02	2.6957258 00	1.3839375 01	1.6535101 01
5.6200002 02	2.8544210 00	1.3934274 01	1.6788695 01
5.6500001 02	3.0769629 00	1.4067170 01	1.7144133 01
5.6700001 02	3.2118486 00	1.4143414 01	1.7355262 01
5.7000000 02	3.3684838 00	1.4219532 01	1.7588016 01
5.7200001 02	3.4285476 00	1.4252761 01	1.7681309 01
5.7500001 02	3.5253482 00	1.4282300 01	1.7807648 01
5.7800001 02	3.5301043 00	1.4259902 01	1.7790006 01
5.8000001 02	3.4622816 00	1.4200879 01	1.7663160 01
5.8500001 02	3.3096072 00	1.4014882 01	1.7324489 01
5.9000001 02	3.0320932 00	1.3733359 01	1.6765452 01
5.9200002 02	2.9719921 00	1.3639366 01	1.6611358 01
5.9800002 02	2.6614830 00	1.3302078 01	1.5963561 01
6.0000001 02	2.5677532 00	1.3199994 01	1.5767747 01
6.0300001 02	2.4317310 00	1.3055677 01	1.5487408 01
6.0500001 02	2.3412443 00	1.2964843 01	1.5306087 01
6.1000001 02	2.1166673 00	1.2756249 01	1.4872916 01
6.1500001 02	1.8977222 00	1.2573650 01	1.4471372 01
6.1800001 02	1.7782837 00	1.2480818 01	1.4259102 01
6.2000001 02	1.7096866 00	1.2429575 01	1.4139261 01
6.2500001 02	1.6070373 00	1.2359506 01	1.3966543 01
6.3000001 02	1.6570303 00	1.2424634 01	1.4081664 01
6.3500002 02	1.9351223 00	1.2716870 01	1.4651993 01
6.4000001 02	2.4953408 00	1.3351617 01	1.5846957 01
6.4200002 02	2.8037913 00	1.3729126 01	1.6532918 01
6.4500002 02	3.3540717 00	1.4450551 01	1.7804622 01
6.4800001 02	3.9990520 00	1.5373777 01	1.9372829 01
6.5000001 02	4.4731991 00	1.6106283 01	2.0579482 01
6.5500001 02	5.7581497 00	1.8332069 01	2.4090219 01
6.5800001 02	6.5528122 00	1.9898794 01	2.6451606 01
6.6000001 02	7.0727873 00	2.1010840 01	2.8083627 01
6.6500001 02	8.2669655 00	2.3870107 01	3.2137073 01
6.7000001 02	9.2064012 00	2.6509966 01	3.5716367 01
6.7500001 02	9.7983346 00	2.8494867 01	3.8293202 01
6.8000001 02	1.0006376 01	2.9482709 01	3.9489085 01
6.8500001 02	9.8557781 00	2.9337249 01	3.9193076 01
6.9000001 02	9.4030304 00	2.8187488 01	3.7590519 01
6.9200001 02	9.1621694 00	2.7515258 01	3.6677427 01
7.0000001 02	8.0093082 00	2.4331925 01	3.2341234 01
7.1000001 02	6.5665099 00	2.1361775 01	2.7928284 01
7.1500001 02	5.9946885 00	2.1031588 01	2.7026276 01
7.2000001 02	5.5733928 00	2.1624549 01	2.7197942 01
7.2500001 02	5.3080951 00	2.3037503 01	2.8345598 01
7.2800002 02	5.2135128 00	2.4167207 01	2.9380720 01
7.3000001 02	5.1702037 00	2.4985191 01	3.0155395 01
7.3200001 02	5.1279885 00	2.5803514 01	3.0931503 01
7.3500001 02	5.1095655 00	2.7033222 01	3.2142788 01
7.4000001 02	5.0099572 00	2.8676195 01	3.3686152 01

TABLE XI (Continued)

T = 50.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
7.4200001 02	4.9296508 00	2.9110327 01	3.4039978 01
7.4400001 02	4.8598776 00	2.9407809 01	3.4267687 01
7.4500001 02	4.7995694 00	2.9483575 01	3.4283144 01
7.4800001 02	4.6329280 00	2.9474056 01	3.4106784 01
7.5000001 02	4.4698029 00	2.9238680 01	3.3708483 01
7.5400000 02	4.1353417 00	2.8298948 01	3.2434290 01
7.5800001 02	3.7252826 00	2.6833278 01	3.0558560 01
7.6000001 02	3.5163296 00	2.5970260 01	2.9486589 01
7.6500000 02	3.0641255 00	2.3689054 01	2.6753179 01
7.7000001 02	2.6665882 00	2.1574896 01	2.4241484 01
7.7200002 02	2.5995835 00	2.0891752 01	2.3491335 01
7.7800002 02	2.5121917 00	1.9505690 01	2.2017882 01
7.8000001 02	2.5164289 00	1.9315587 01	2.1832016 01
7.9000001 02	2.9607604 00	2.0169836 01	2.3130596 01
7.9500001 02	3.3242405 00	2.1373664 01	2.4697905 01
8.0000001 02	3.6285957 00	2.2668910 01	2.6297506 01
8.0500001 02	3.7855749 00	2.3694467 01	2.7480042 01
8.0800001 02	3.8295556 00	2.4077643 01	2.7907199 01
8.1000001 02	3.8537513 00	2.4213598 01	2.8067349 01
8.1200001 02	3.8050916 00	2.4231644 01	2.8036736 01
8.1500001 02	3.7403831 00	2.4073702 01	2.7814085 01
8.2000000 02	3.4945988 00	2.3307442 01	2.6802040 01
8.2500001 02	3.2238704 00	2.2103276 01	2.5327146 01
8.3000001 02	2.9279015 00	2.0661003 01	2.3588904 01
8.3500001 02	2.7035629 00	1.9239657 01	2.1943220 01
8.4000001 02	2.5185507 00	1.7965308 01	2.0483858 01
8.4500001 02	2.4418960 00	1.6765227 01	1.9407123 01
8.4800001 02	2.3909305 00	1.6476275 01	1.8867206 01
8.5000001 02	2.3493158 00	1.6198400 01	1.8547716 01
8.5200002 02	2.3232618 00	1.5954257 01	1.8277519 01
8.5500001 02	2.3054825 00	1.5666178 01	1.7971660 01
8.6000001 02	2.2840234 00	1.5309604 01	1.7593627 01
8.6500001 02	2.2568381 00	1.5095703 01	1.7352541 01
8.7000001 02	2.2259929 00	1.4971023 01	1.7197016 01
8.7500001 02	2.2446401 00	1.4930834 01	1.7175474 01
8.8000001 02	2.2587046 00	1.4950732 01	1.7209436 01
8.8700001 02	2.2565263 00	1.4990211 01	1.7246737 01
8.9000000 02	2.1961761 00	1.5001372 01	1.7197548 01
8.9400001 02	2.1379259 00	1.5009672 01	1.7147598 01
8.9800001 02	2.0082754 00	1.4953839 01	1.6962115 01
9.0000001 02	1.9591358 00	1.4931352 01	1.6890488 01
9.0500001 02	1.7737540 00	1.4839810 01	1.6613564 01
9.1000001 02	1.6249889 00	1.4746044 01	1.6371033 01
9.1500002 02	1.4769209 00	1.4632556 01	1.6109477 01
9.2000001 02	1.4121557 00	1.4573750 01	1.5985905 01
9.2300000 02	1.4177082 00	1.4566100 01	1.5983808 01
9.2500002 02	1.4315390 00	1.4572589 01	1.6004128 01
9.3000001 02	1.5527583 00	1.4650473 01	1.6203231 01
9.3500001 02	1.7416776 00	1.4779825 01	1.6521503 01
9.4000001 02	1.9669146 00	1.4948700 01	1.6915615 01
9.4600001 02	2.2550778 00	1.5150834 01	1.7405911 01
9.5000001 02	2.4158274 00	1.5259317 01	1.7675144 01
9.5050001 02	2.4455585 00	1.5269381 01	1.7714940 01

TABLE XII

Th²³² CROSS SECTIONSTh²³² Temperature = 100.0 ev

Neutron Energy, E _n (ev)	Radiative Capture Cross Section, σ _γ (barns)	Scattering Cross Section, σ _S (barns)	Total Cross Section, σ _T (barns)
2.5300000-02	6.8703700 00	5.7239980 01	6.4110350 01
5.0000005-02	4.8718021 00	4.1448474 01	4.6320276 01
1.0000001-01	3.4231964 00	3.0337009 01	3.3760205 01
5.0000001-01	1.4588774 00	1.6901215 01	1.8360092 01
1.0000001 00	9.7670943-01	1.4430710 01	1.5407470 01
2.0000001 00	6.2971408-01	1.3019810 01	1.3649524 01
5.0000000 00	3.3793972-01	1.1926286 01	1.2264275 01
7.5000000 00	2.9191557-01	1.1522028 01	1.1813944 01
1.0000001 01	8.3119741-01	1.1219445 01	1.2050642 01
1.5000001 01	2.2210264 01	1.2320877 01	3.4531141 01
1.8000001 01	6.1437668 01	1.5958511 01	7.7396179 01
2.0000001 01	8.6011757 01	1.8827763 01	1.0483952 02
2.2000001 01	9.5796571 01	2.0597809 01	1.1639478 02
2.5000001 01	7.8121946 01	1.9936908 01	9.8058853 01
2.8000001 01	4.3923009 01	1.6844900 01	6.0767910 01
3.0000001 01	2.5067380 01	1.4805563 01	3.9872943 01
3.5000002 01	3.7305199 00	1.1970285 01	1.5700805 01
3.8000002 01	1.0265915 00	1.1357706 01	1.2384298 01
4.0000001 01	6.3826662-01	1.1136528 01	1.1774794 01
4.2000002 01	8.2377347-01	1.1014577 01	1.1838351 01
4.5000002 01	2.1302467 00	1.1095881 01	1.3226128 01
5.0000001 01	8.7009103 00	1.3142298 01	2.1843208 01
5.5000001 01	2.3528278 01	2.1665658 01	4.5193936 01
6.0000001 01	4.5928789 01	4.0740497 01	8.6669286 01
6.5000001 01	6.5678504 01	6.2784496 01	1.2846300 02
7.0000002 01	6.6904771 01	6.9715379 01	1.3662015 02
7.5000002 01	4.7920955 01	5.6188525 01	1.0410948 02
8.0000001 01	2.4398707 01	3.5826069 01	6.0224776 01
8.5000002 01	9.1957137 00	2.1512875 01	3.0708589 01
8.8000002 01	4.8075524 00	1.6900213 01	2.1707765 01
9.0000001 01	3.3927571 00	1.5082015 01	1.8474772 01
9.2000002 01	2.9144399 00	1.3990257 01	1.6704697 01
9.5000002 01	3.6151767 00	1.3316920 01	1.6932097 01
1.0000001 02	7.9392863 00	1.3926774 01	2.1866060 01
1.0500002 02	1.5333558 01	1.6097498 01	3.1431056 01
1.1000001 02	2.3506996 01	1.9095135 01	4.2602131 01
1.1600001 02	2.9477545 01	2.1932453 01	5.1409997 01
1.2000001 02	2.9234532 01	2.2363176 01	5.1597708 01
1.2400001 02	2.5770570 01	2.1440565 01	4.7211175 01
1.3000001 02	1.7404310 01	1.8470236 01	3.5874546 01
1.3200002 02	1.4544470 01	1.7384811 01	3.1929281 01
1.3600002 02	9.6233622 00	1.5522073 01	2.5145435 01
1.3800000 02	7.7412326 00	1.4858689 01	2.2599921 01
1.4000001 02	6.3115719 00	1.4435624 01	2.0747196 01
1.4200002 02	5.3559569 00	1.4293311 01	1.9649268 01
1.4500001 02	4.8247701 00	1.4693144 01	1.9517914 01
1.5000001 02	6.2660280 00	1.7242079 01	2.3508107 01
1.5500001 02	1.0193725 01	2.2212695 01	3.2406420 01
1.5800001 02	1.3300138 01	2.6022093 01	3.9322231 01
1.6000001 02	1.5460429 01	2.8666139 01	4.4126568 01
1.6500001 02	2.0258543 01	3.4494208 01	5.4752751 01
1.6800001 02	2.2184512 01	3.6702540 01	5.8887051 01
1.7000001 02	2.2936348 01	3.7418082 01	6.0354430 01
1.7500001 02	2.3007564 01	3.6450568 01	5.9458131 01
1.8000001 02	2.1308316 01	3.2466345 01	5.3774661 01
1.8500001 02	1.9134365 01	2.7404964 01	4.6539329 01
1.9000001 02	1.7276820 01	2.2968409 01	4.0245229 01
1.9500001 02	1.5814408 01	1.9919204 01	3.5733612 01
2.0000001 02	1.4555590 01	1.8217854 01	3.2773444 01
2.0500001 02	1.3439192 01	1.7489568 01	3.0928760 01
2.1000001 02	1.2528381 01	1.7335109 01	2.9863490 01
2.1500001 02	1.1806103 01	1.7414378 01	2.9220481 01
2.2000001 02	1.1132370 01	1.7469909 01	2.8602279 01

TABLE XII (Continued)

T = 100.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
2.3000001 02	9.7940233 00	1.7208345 01	2.7002368 01
2.3300002 02	9.5695097 00	1.7126898 01	2.6696498 01
2.3500000 02	9.5164465 00	1.7104263 01	2.6620710 01
2.3700002 02	9.5503395 00	1.7114810 01	2.6665149 01
2.4000001 02	9.7618135 00	1.7196770 01	2.6958584 01
2.4500002 02	1.0435810 01	1.7470874 01	2.7906684 01
2.5000001 02	1.1206841 01	1.7776733 01	2.8983574 01
2.5500001 02	1.1706873 01	1.7932308 01	2.9639181 01
2.6000001 02	1.1740944 01	1.7838142 01	2.9579086 01
2.6500002 02	1.1362567 01	1.7524733 01	2.8887300 01
2.7000001 02	1.0791038 01	1.7115349 01	2.7906387 01
2.7200000 02	1.0563744 01	1.6957130 01	2.7520874 01
2.7500001 02	1.0260371 01	1.6749017 01	2.7009388 01
2.8000001 02	9.9027735 00	1.6518231 01	2.6421005 01
2.8500002 02	9.7302282 00	1.6456721 01	2.6186949 01
2.9000001 02	9.6917795 00	1.6568520 01	2.6260300 01
2.9500001 02	9.7503537 00	1.6867721 01	2.6618074 01
3.0000001 02	9.9241046 00	1.7397716 01	2.7321820 01
3.0500001 02	1.0274129 01	1.8214643 01	2.8488772 01
3.1000001 02	1.0856632 01	1.9343083 01	3.0199715 01
3.1500001 02	1.1664182 01	2.0727229 01	3.2391411 01
3.2000000 02	1.2596538 01	2.2210196 01	3.4806734 01
3.2500001 02	1.3480157 01	2.3564890 01	3.7045047 01
3.3000001 02	1.4129238 01	2.4567715 01	3.8696953 01
3.3500002 02	1.4426513 01	2.5084622 01	3.9511135 01
3.4000001 02	1.4365420 01	2.5116463 01	3.9481884 01
3.4500002 02	1.4036186 01	2.4782350 01	3.8818536 01
3.5000001 02	1.3558975 01	2.4247116 01	3.7806091 01
3.5500001 02	1.3009766 01	2.3638410 01	3.6648176 01
3.6000001 02	1.2384508 01	2.2998970 01	3.5383477 01
3.6500001 02	1.1618766 01	2.2292910 01	3.3911676 01
3.7000001 02	1.0648545 01	2.1456917 01	3.2105462 01
3.7500002 02	9.4630996 00	2.0456700 01	2.9919800 01
3.8000001 02	8.1303689 00	1.9319065 01	2.7449434 01
3.8500001 02	6.7668467 00	1.8124557 01	2.4891404 01
3.9000000 02	5.4918328 00	1.6976297 01	2.2468129 01
3.9500001 02	4.3880960 00	1.5960082 01	2.0348178 01
4.0000001 02	3.4883230 00	1.5126156 01	1.8614479 01
4.0500001 02	2.7728080 00	1.4482356 01	1.7255164 01
4.1000002 02	2.2149203 00	1.4013862 01	1.6228782 01
4.1500001 02	1.8015376 00	1.3702313 01	1.5503850 01
4.2000001 02	1.5298175 00	1.3536788 01	1.5066606 01
4.2500002 02	1.4176182 00	1.3521277 01	1.4938895 01
4.3000001 02	1.4875107 00	1.3673164 01	1.5160675 01
4.3500002 02	1.7545879 00	1.4008688 01	1.5763276 01
4.4000001 02	2.2111728 00	1.4532973 01	1.6744146 01
4.4500002 02	2.8235157 00	1.5228016 01	1.8051532 01
4.5000001 02	3.5349195 00	1.6049882 01	1.9584802 01
4.5500002 02	4.2715663 00	1.6932368 01	2.1203934 01
4.6000001 02	4.9591005 00	1.7797831 01	2.2756932 01
4.6500001 02	5.5333952 00	1.8569929 01	2.4103324 01
4.7000001 02	5.9482661 00	1.9183717 01	2.5131983 01
4.7500001 02	6.1832676 00	1.9591596 01	2.5774864 01
4.8000001 02	6.2343995 00	1.9764658 01	2.5999058 01
4.8500001 02	6.1155456 00	1.9693383 01	2.5808929 01
4.9000001 02	5.8529172 00	1.9388315 01	2.5241232 01
4.9500001 02	5.4846557 00	1.8881295 01	2.4365950 01
5.0000001 02	5.0577239 00	1.8222350 01	2.3280073 01
5.0500002 02	4.6057171 00	1.7477255 01	2.2082972 01
5.1000001 02	4.1794771 00	1.6713791 01	2.0893268 01
5.2000001 02	3.4710089 00	1.5366154 01	1.8837163 01
5.3000001 02	3.0126884 00	1.4458772 01	1.7471461 01
5.4000001 02	2.7677172 00	1.3999217 01	1.6766934 01

TABLE XII (Continued)

T = 100.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
5.4500001 02	2.7271651 00	1.3900555 01	1.6627720 01
5.5000001 02	2.7333460 00	1.3863953 01	1.6597299 01
5.5500002 02	2.7811393 00	1.3869263 01	1.6650402 01
5.6000001 02	2.8618639 00	1.3895903 01	1.6757767 01
5.6500001 02	2.9422813 00	1.3921763 01	1.6864045 01
5.7000000 02	3.0162840 00	1.3930768 01	1.6947052 01
5.7500001 02	3.0517113 00	1.3903757 01	1.6955468 01
5.8000001 02	3.0367224 00	1.3835863 01	1.6872586 01
5.8500001 02	2.9739818 00	1.3727975 01	1.6701957 01
5.9000001 02	2.8690799 00	1.3587900 01	1.6456980 01
5.9500002 02	2.7232799 00	1.3426729 01	1.6150009 01
6.0000001 02	2.5710594 00	1.3261512 01	1.5832571 01
6.0500001 02	2.4206463 00	1.3120389 01	1.5541035 01
6.1000001 02	2.3105984 00	1.3026852 01	1.5337450 01
6.1500001 02	2.2531707 00	1.3010923 01	1.5264094 01
6.2000001 02	2.2774858 00	1.3109585 01	1.5387071 01
6.2500001 02	2.4229450 00	1.3367418 01	1.5790363 01
6.3000001 02	2.6842167 00	1.3821974 01	1.6506191 01
6.4000000 02	3.6415870 00	1.5455094 01	1.9096681 01
6.4500002 02	4.3130333 00	1.6649317 01	2.0962350 01
6.5000001 02	5.0628465 00	1.8055722 01	2.3118568 01
6.5500001 02	5.8513128 00	1.9603555 01	2.5454868 01
6.6000001 02	6.6215762 00	2.1189017 01	2.7810593 01
6.6500001 02	7.3121049 00	2.2688634 01	3.0000738 01
6.7000001 02	7.8747686 00	2.378959 01	3.1853728 01
6.7500001 02	8.2706020 00	2.4956940 01	3.3227542 01
6.8000001 02	8.4823268 00	2.5562619 01	3.4044946 01
6.8500001 02	8.5090306 00	2.5787940 01	3.4296970 01
6.9000001 02	8.3703261 00	2.5685173 01	3.4055499 01
7.0000001 02	7.7317974 00	2.4920552 01	3.2652349 01
7.1000001 02	6.8734649 00	2.4255121 01	3.1128586 01
7.1500001 02	6.4510845 00	2.4204363 01	3.0655447 01
7.2000001 02	6.0547024 00	2.4370423 01	3.0425126 01
7.2500001 02	5.6934944 00	2.4711447 01	3.0404941 01
7.3000001 02	5.3653393 00	2.5143945 01	3.0509284 01
7.3500001 02	5.0626860 00	2.5555074 01	3.0617760 01
7.4500001 02	4.4935337 00	2.5906654 01	3.0400188 01
7.5000001 02	4.2185899 00	2.5722160 01	2.9940750 01
7.5500001 02	3.9502942 00	2.5295155 01	2.9245449 01
7.6000001 02	3.7070349 00	2.4683404 01	2.8390439 01
7.6500000 02	3.4901990 00	2.3974892 01	2.7465091 01
7.7000001 02	3.3240442 00	2.3272041 01	2.6596085 01
7.7500002 02	3.2161013 00	2.2665673 01	2.5881774 01
7.8000001 02	3.1577810 00	2.2218276 01	2.5376057 01
7.9000001 02	3.1802692 00	2.1858842 01	2.5039111 01
7.9500001 02	3.2317485 00	2.1879023 01	2.5110771 01
8.0000001 02	3.2673575 00	2.1937377 01	2.5204734 01
8.0500001 02	3.2964884 00	2.1963529 01	2.5260017 01
8.1000001 02	3.2955775 00	2.1890088 01	2.5185665 01
8.2000000 02	3.2156094 00	2.1772538 01	2.4988147 01
8.3000001 02	2.9911934 00	2.0497214 01	2.3488407 01
8.5000001 02	2.5281184 00	1.7440134 01	1.9968252 01
8.6000001 02	2.3729469 00	1.6321624 01	1.8694571 01
8.7000001 02	2.2622402 00	1.5613568 01	1.7875808 01
8.8000001 02	2.1664784 00	1.5222157 01	1.7388636 01
8.9000000 02	2.0135890 00	1.4992982 01	1.7006571 01
9.0000001 02	1.9361350 00	1.4906316 01	1.6842451 01

TABLE XIII

Th²³² CROSS SECTIONSTh²³² Temperature = 200.0 ev

Neutron Energy, E _n (ev)	Radiative Capture Cross Section, σ _γ (barns)	Scattering Cross Section, σ _S (barns)	Total Cross Section, σ _T (barns)
2.5300000-02	6.3925891 00	7.9321864 01	8.5714453 01
5.0000005-02	4.5362720 00	5.6932883 01	6.1469154 01
1.0000001-01	3.1920292 00	4.0977163 01	4.4169192 01
5.0000001-01	1.3752265 00	2.0766358 01	2.2141584 01
1.0000001 00	9.3197801-01	1.6633715 01	1.7565693 01
2.0000001 00	6.1488207-01	1.4145318 01	1.4760200 01
5.0000000 00	5.2884869-01	1.2328215 01	1.2857064 01
7.5000000 00	1.9909444 00	1.1855594 01	1.3846539 01
1.0000001 01	7.8033515 00	1.1929369 01	1.9732771 01
1.5000001 01	3.9563462 01	1.4462567 01	5.4026029 01
2.0000001 01	6.8621593 01	1.7840643 01	8.6462237 01
2.2000001 01	6.9175241 01	1.8269151 01	8.7444392 01
2.5000001 01	5.8554124 01	1.7665992 01	7.6220116 01
3.0000001 01	5.0081559 01	1.4977917 01	4.5059476 01
3.5000002 01	1.0967102 01	1.2766642 01	2.3733744 01
3.8000002 01	6.1238525 00	1.2203446 01	1.8327299 01
4.0000001 01	5.0287695 00	1.2219453 01	1.7248273 01
4.2000002 01	5.2955704 00	1.2620131 01	1.7915701 01
4.5000002 01	7.8523652 00	1.4151054 01	2.2003419 01
5.0000001 01	1.7087010 01	2.0080191 01	3.7167201 01
5.5000001 01	3.0659558 01	3.0599951 01	6.1259509 01
6.0000001 01	4.4060930 01	4.3050932 01	8.7111861 01
6.5000001 01	5.1449062 01	5.2018077 01	1.0346714 02
7.0000002 01	4.9532883 01	5.3251297 01	1.0278418 02
7.5000002 01	3.9910216 01	4.6899843 01	8.6810059 01
8.0000001 01	2.7569189 01	3.6809281 01	6.4378470 01
8.5000002 01	1.7309557 01	2.7272861 01	4.4582418 01
9.0000001 01	1.1571746 01	2.0702580 01	3.2274376 01
9.2000002 01	1.0628130 01	1.9033594 01	2.9661724 01
9.5000002 01	1.0478255 01	1.7451317 01	2.7929571 01
1.0000001 02	1.2768852 01	1.6732277 01	2.9501129 01
1.0500002 02	1.6641552 01	1.7454230 01	3.4095782 01
1.1000001 02	2.0289416 01	1.8620938 01	3.8910354 01
1.1600001 02	2.2467471 01	1.9587891 01	4.2055362 01
1.2000001 02	2.2131316 01	1.9677812 01	4.1809128 01
1.3000001 02	1.6699359 01	1.8413759 01	3.5113118 01
1.3600002 02	1.2917899 01	1.7829354 01	3.0747253 01
1.4000001 02	1.1212467 01	1.8064492 01	2.9276959 01
1.4500001 02	1.0431025 01	1.9323107 01	2.9754132 01
1.5000001 02	1.1141920 01	2.1607207 01	3.2749127 01
1.5500001 02	1.2946951 01	2.4528801 01	3.7475752 01
1.6000001 02	1.5215668 01	2.7448245 01	4.2663913 01
1.6500001 02	1.7308278 01	2.9681788 01	4.6990066 01
1.7000001 02	1.8755018 01	3.0731984 01	4.9487002 01
1.7500001 02	1.9355634 01	3.0440370 01	4.9796004 01
1.8000001 02	1.9161410 01	2.9001922 01	4.8163332 01
2.0000001 02	1.4888379 01	2.0508476 01	3.5396855 01
2.2000001 02	1.1463346 01	1.7605039 01	2.9068385 01
2.3000001 02	1.0712953 01	1.7420084 01	2.8133037 01
2.3500000 02	1.0586056 01	1.7419813 01	2.8005869 01
2.4000001 02	1.0589637 01	1.7443689 01	2.8033376 01
2.5000001 02	1.0780540 01	1.7479774 01	2.8260314 01
2.6000001 02	1.0853908 01	1.7389346 01	2.8243254 01
2.7000001 02	1.0642729 01	1.7205544 01	2.7848273 01
2.8000001 02	1.0376472 01	1.7178208 01	2.7554680 01
2.9000001 02	1.0343598 01	1.7595848 01	2.7939446 01
3.0000001 02	1.0733155 01	1.8621141 01	2.9354296 01
3.2000000 02	1.2385171 01	2.1784311 01	3.4169482 01
3.3000001 02	1.3026806 01	2.3033587 01	3.6060393 01
3.4000001 02	1.3129086 01	2.3533684 01	3.6662770 01
3.5000001 02	1.2572836 01	2.3212219 01	3.5785056 01
3.6000001 02	1.1398246 01	2.2204500 01	3.3602746 01
3.8000001 02	7.8431525 00	1.9037407 01	2.6880559 01

TABLE XIII (Continued)

T = 200.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
3.900000 02	5.9548437 00	1.7374164 01	2.3329008 01
4.000000 02	4.3526752 00	1.5981017 01	2.0333693 01
4.100000 02	3.2092329 00	1.5039484 01	1.8248717 01
4.200000 02	2.6395400 00	1.4661502 01	1.7301042 01
4.250000 02	2.5718579 00	1.4682978 01	1.7254836 01
4.300000 02	2.6171136 00	1.4834141 01	1.7451255 01
4.400000 02	3.0528009 00	1.5478476 01	1.8531277 01
4.500000 02	3.7500354 00	1.6397343 01	2.0147378 01
4.600000 02	4.4715569 00	1.7338780 01	2.1810337 01
4.700000 02	5.0075241 00	1.8042423 01	2.3049947 01
4.800000 02	5.2301967 00	1.8323722 01	2.3553919 01
4.900000 02	5.1161710 00	1.8123858 01	2.3240029 01
5.000000 02	4.7633675 00	1.7527654 01	2.2291021 01
5.100000 02	4.2841392 00	1.6702801 01	2.0986940 01
5.200000 02	3.3862352 00	1.5104950 01	1.8491185 01
5.400000 02	3.1351375 00	1.4564118 01	1.7699256 01
5.500000 02	2.9934748 00	1.4211978 01	1.7205453 01
5.600000 02	2.9207357 00	1.3980715 01	1.6901451 01
5.700000 02	2.8820435 00	1.3831217 01	1.6713261 01
5.800000 02	2.8053406 00	1.3699022 01	1.6504362 01
5.900000 02	2.7713796 00	1.3639537 01	1.6410917 01
6.000000 02	2.7645903 00	1.3712135 01	1.6476725 01
6.100000 02	2.8947354 00	1.4000685 01	1.6895421 01
6.200000 02	3.2011374 00	1.4643986 01	1.7845124 01
6.300000 02	3.7129500 00	1.5700373 01	1.9413323 01
6.400000 02	4.4511503 00	1.7159040 01	2.1610190 01
6.500000 02	5.2721215 00	1.8851982 01	2.4124104 01
6.600000 02	6.0891887 00	2.0602960 01	2.6692148 01
6.700000 02	6.7503014 00	2.2162255 01	2.8912556 01
6.800000 02	7.0984918 00	2.3336714 01	3.0435206 01
6.900000 02	7.2153914 00	2.4138572 01	3.1353963 01
7.000000 02	6.9744976 00	2.4564239 01	3.1538737 01
7.100000 02	6.6041404 00	2.4797465 01	3.1401605 01
7.200000 02	6.0703919 00	2.4873390 01	3.0943782 01
7.300000 02	5.4984506 00	2.4854060 01	3.0351511 01
7.400000 02	4.9396851 00	2.4707117 01	2.9646802 01
7.500000 02	4.4461158 00	2.4417427 01	2.8863543 01
7.600000 02	4.0322768 00	2.3982689 01	2.8014966 01
7.700000 02	3.7426967 00	2.3456043 01	2.7198740 01
7.800000 02	3.4849991 00	2.2870047 01	2.6355046 01
7.900000 02	3.3466776 00	2.2279004 01	2.5625682 01
8.000000 02	3.2116829 00	2.1673085 01	2.4884768 01
8.100000 02	3.1247667 00	2.1020336 01	2.4145103 01
8.200000 02	2.9956685 00	2.0283884 01	2.3279553 01
8.300000 02	2.8659995 00	1.9459495 01	2.2325495 01
8.400000 02	2.7260556 00	1.8586540 01	2.1312595 01
8.500000 02	2.5772530 00	1.7738142 01	2.0315395 01

TABLE XIV

Th²³² CROSS SECTIONSTh²³² Temperature = 500.0 ev

Neutron Energy, E _n (ev)	Radiative Capture Cross Section, σ _γ (barns)	Scattering Cross Section, σ _S (barns)	Total Cross Section, σ _T (barns)
2.5300000-02	7.0773903 00	1.2165976 02	1.2875715 02
5.0000005-02	5.1160848 00	8.6847608 01	9.1965753 01
1.0000001-01	3.7191362 00	6.1351182 01	6.5570318 01
5.0000001-01	2.1405834 00	2.9204287 01	3.1345571 01
1.0000001 00	2.1696224 00	2.1773607 01	2.4143229 01
2.0000001 00	3.1629564 00	1.7538241 01	2.0501178 01
5.0000000 00	1.0065552 01	1.4344290 01	2.4409648 01
7.5000000 00	1.7049108 01	1.4240285 01	3.3289393 01
1.0000001 01	2.9149595 01	1.4754671 01	4.3904266 01
1.5000001 01	4.4465829 01	1.6019313 01	6.0485142 01
2.0000001 01	4.7030884 01	1.6448419 01	6.3479303 01
2.5000001 01	3.9356674 01	1.6051605 01	5.5408359 01
3.0000001 01	2.8992576 01	1.5773868 01	4.4766444 01
3.5000002 01	2.1773360 01	1.6676334 01	3.6443674 01
4.0000001 01	1.9691233 01	1.9343773 01	3.9035008 01
4.5000002 01	2.1841173 01	2.3668873 01	4.5510046 01
5.0000001 01	2.6769510 01	2.9024860 01	5.5794376 01
5.5000001 01	3.1561021 01	3.4084594 01	6.5645615 01
6.0000001 01	3.5483959 01	3.9330370 01	7.4814348 01
7.5000002 01	3.0808451 01	3.6328412 01	6.7136863 01
8.0000001 01	2.7137518 01	3.2959564 01	6.0097082 01
8.5000002 01	2.3636854 01	2.7326860 01	5.2963714 01
8.8000002 01	2.1907331 01	2.7286371 01	4.9193702 01
9.0000001 01	2.0909649 01	2.6930417 01	4.6940066 01
9.5000002 01	1.9147859 01	2.3406942 01	4.2554801 01
1.0000001 02	1.8184190 01	2.1534700 01	3.9718878 01
1.1000001 02	1.7579481 01	1.9700934 01	3.7280415 01
1.1600001 02	1.7335807 01	1.9447730 01	3.6783556 01
1.2000001 02	1.7062813 01	1.9312188 01	3.6575006 01
1.3000001 02	1.6098359 01	2.0281798 01	3.6380157 01
1.4000001 02	1.5298323 01	2.1742799 01	3.7041124 01
1.4500001 02	1.5131298 01	2.2627904 01	3.7759202 01
1.5000001 02	1.5180626 01	2.3515117 01	3.8695743 01
1.6000001 02	1.5619299 01	2.4743800 01	4.0363099 01
1.7000001 02	1.6074604 01	2.5439228 01	4.1513832 01
1.7500001 02	1.6131223 01	2.5262411 01	4.1393634 01
1.8000001 02	1.6078725 01	2.4839725 01	4.0918450 01
2.0000001 02	1.4518013 01	2.1734234 01	3.6252502 01
2.2000001 02	1.2479123 01	1.9036401 01	3.1515526 01
2.5000001 02	1.0997510 01	1.7723567 01	2.8721777 01
2.7000001 02	1.0591901 01	1.8007917 01	2.8598318 01
3.0000001 02	1.1336774 01	1.9659608 01	3.0987392 01
3.2000000 02	1.1606209 01	2.0886913 01	3.2493162 01
3.4000001 02	1.1149619 01	2.1263107 01	3.2412726 01
3.6000001 02	9.7134000 00	2.9445820 01	3.0159220 01
3.8000001 02	7.5482364 00	1.8842091 01	2.6390318 01
3.9000000 02	6.4784636 00	1.8008577 01	2.4487040 01
4.0000001 02	5.6465871 00	1.7334924 01	2.2981511 01
4.1000002 02	4.8812725 00	1.6812787 01	2.1694059 01
4.4000001 02	4.0779093 00	1.6467069 01	2.0544778 01
4.6000001 02	4.1940102 00	1.6736305 01	2.0930314 01
4.7000001 02	4.2700342 00	1.6833013 01	2.1103047 01
4.8000001 02	4.3053300 00	1.6633561 01	2.1138891 01
5.0000001 02	4.2250446 00	1.6513268 01	2.6738512 01
5.5000001 02	3.2861823 00	1.4859496 01	1.8145678 01
5.8000001 02	3.3731009 00	1.4334450 01	1.8207550 01
6.0000001 02	3.6474273 00	1.5477338 01	1.9124765 01
6.2000001 02	4.1682169 00	1.6729807 01	2.0898024 01
6.4000000 02	4.7034859 00	1.8325063 01	2.3028549 01
6.6000001 02	5.3027769 00	2.0146972 01	2.5449749 01
6.8000001 02	5.7053239 00	2.1791538 01	2.7496861 01
6.9000001 02	5.7760271 00	2.2410532 01	2.8186579 01
7.0000001 02	5.7447507 00	2.2951886 01	2.8696636 01

TABLE XIV (Continued)

T = 500.0 ev

E_n (ev)	σ_γ (barns)	σ_S (barns)	σ_T (barns)
7.2000001 02	5.4118709 00	2.3422102 01	2.8904053 01
7.4000001 02	4.8571153 00	2.3452349 01	2.8307464 01
7.5000001 02	4.6480123 00	2.3301360 01	2.7949373 01