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**MOLYBDENUM CROSS SECTIONS  
AND THEIR TEMPERATURE DEPENDENCE**

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Office of Technical Services  
U. S. Department of Commerce  
Washington 25, D. C.

LA-2373  
PHYSICS AND MATHEMATICS  
(TID-4500, 15th Ed.)

**LOS ALAMOS SCIENTIFIC LABORATORY**  
**OF THE UNIVERSITY OF CALIFORNIA LOS ALAMOS NEW MEXICO**

**REPORT WRITTEN:** September 1959

**REPORT DISTRIBUTED:** March 1, 1960

**MOLYBDENUM CROSS SECTIONS**  
**AND THEIR TEMPERATURE DEPENDENCE**

by

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Contract W-7405-ENG. 36 with the U. S. Atomic Energy Commission

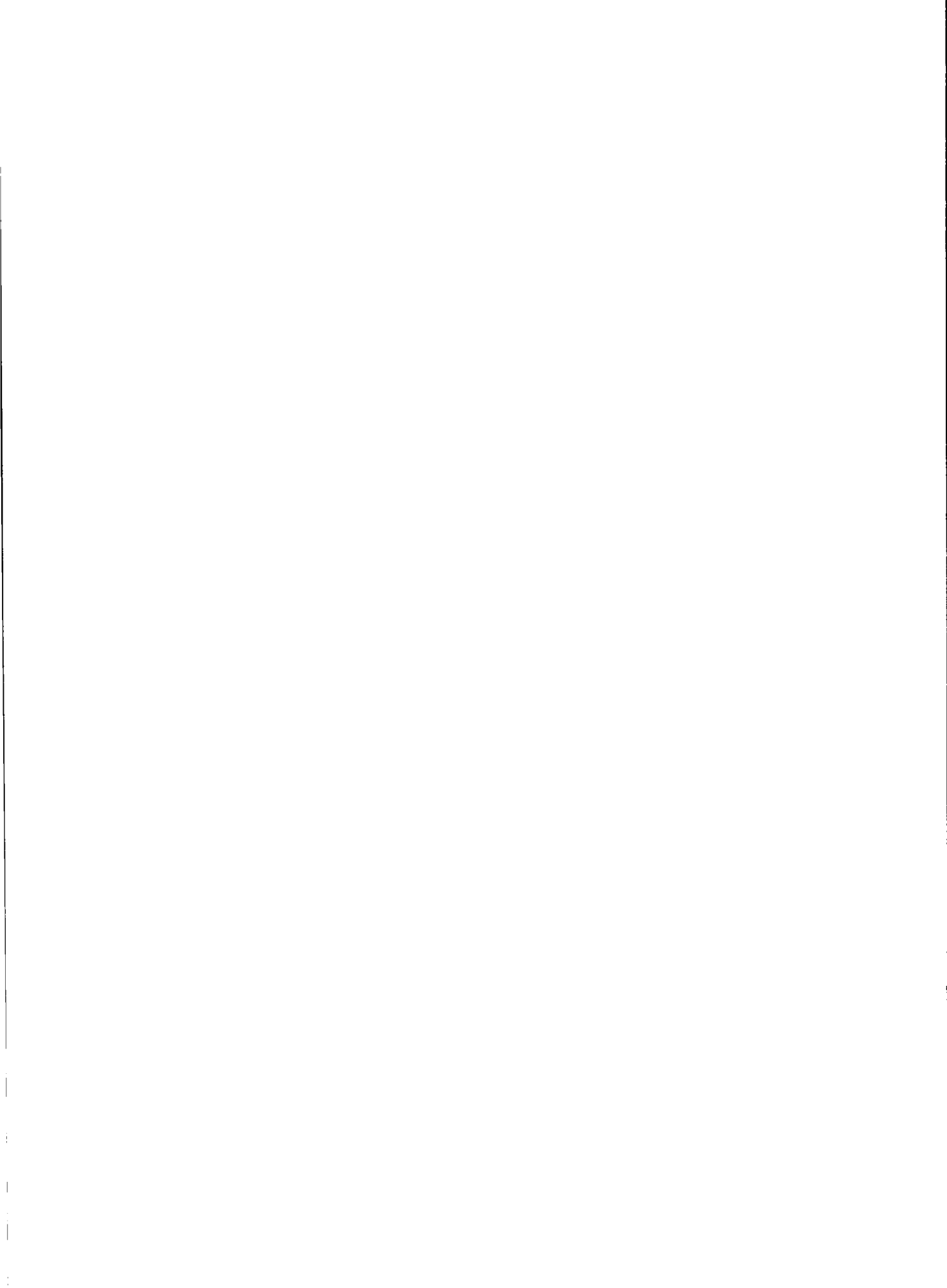


#### ABSTRACT

A Breit-Wigner analysis of the molybdenum isotopes is folded into a Maxwellian velocity distribution and summed with abundance weights to obtain total, scattering, and radiative capture cross sections for normal isotopic molybdenum versus neutron energy from 0.0253 to 730 ev and for molybdenum temperatures of 0.0253 to 500 ev.

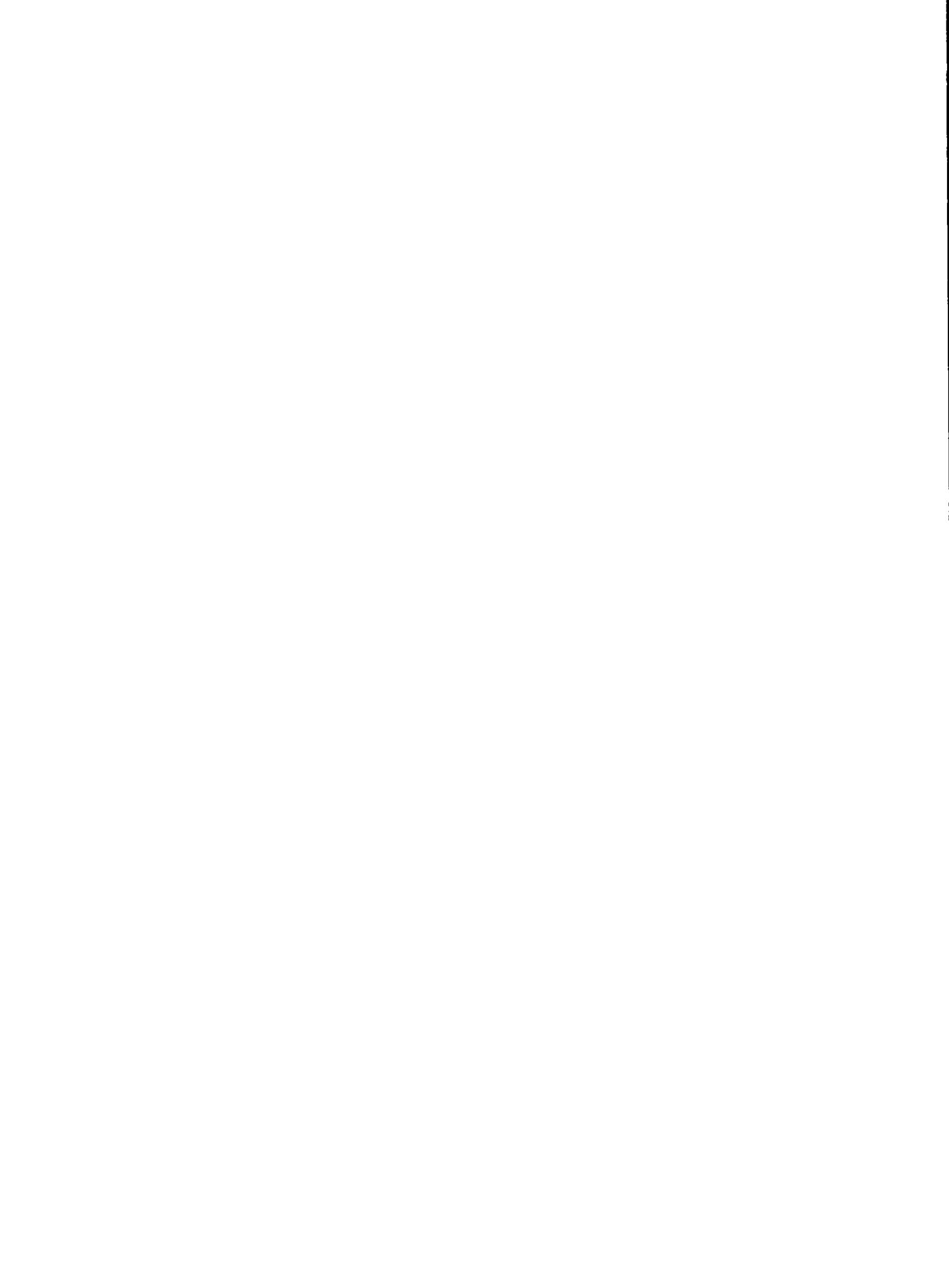
#### ACKNOWLEDGMENTS

This paper is directly based on the parameters evaluated by neutron nuclear spectroscopists. We are happy to acknowledge the many Los Alamos Scientific Laboratory Groups that have participated in the preparation of this report.



## CONTENTS

	Page
Abstract	3
Acknowledgments	3
I. Method	7
II. Sources of Data	8
III. Results	11





## I. METHOD

This work follows the method of Devaney, Goldstein, and Fagan.<sup>1</sup>

In brief, this calculation yields the cross sections to be expected from normal isotopic abundance molybdenum 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 molybdenum,  $360^{\circ}\text{K}$ ,<sup>2</sup> is not too different, or is actually below the temperatures considered here<sup>1</sup> ( $0.0253\text{ ev}$  is  $294^{\circ}\text{K}$  or  $69^{\circ}\text{F}$ ,  $0.05$  is  $508^{\circ}\text{K}$ , etc.).

It should be noted 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.<sup>1</sup> Thus, we actually report a reaction rate per incident

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<sup>1</sup>J. Devaney, M. Goldstein, and B. Fagan, "Pu<sup>239</sup> Cross Sections and Their Temperature Dependence," Los Alamos Scientific Laboratory Report LA-2127 (March, 1957); J. Devaney and B. Fagan, "U-238 Cross Sections and Their Temperature Dependence," Los Alamos Scientific Laboratory Report LA-2144 (June, 1958); and J. Devaney, M. Devaney, and D. Coward, "Tungsten Cross Sections and Their Temperature Dependence," Los Alamos Scientific Laboratory Report LA-2289 (Dec., 1958), available for sale from the Office of Technical Services, U. S. Department of Commerce, Washington 25, D. C.

<sup>2</sup>G. 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.

neutron if our values are multiplied by the laboratory neutron velocity times the particle density. Because of the large spacing of the levels relative to their widths it was judged that multilevel formulas were not necessary; see the discussion for tungsten in Devaney, Devaney, and Coward.<sup>1</sup>

## II. SOURCES OF DATA

The isotopic abundances were taken from Hughes and Schwartz:<sup>3</sup> Mo<sup>92</sup>, 0.1586; Mo<sup>94</sup>, 0.0912; Mo<sup>95</sup>, 0.1570; Mo<sup>96</sup>, 0.1650; Mo<sup>97</sup>, 0.0945; Mo<sup>98</sup>, 0.2375; and Mo<sup>100</sup>, 0.0962.

The level parameters were obtained from Harvey, Hughes, Carter, and Pilcher,<sup>4</sup> and from Hughes and Schwartz.<sup>3</sup> However, the resonances at 406, 440, and 510 ev were not assigned to a particular isotope. We have assigned these resonances to a fictitious isotope with relative abundance of 0.146, following Harvey et al, and called it Mo<sup>Hybrid</sup>. We have no resonance contribution from Mo<sup>92</sup> and Mo<sup>94</sup>, so we have reduced their combined abundance by 0.146 in order that our potential scattering will be the same as that for Mo<sup>92</sup> and Mo<sup>94</sup> without Mo<sup>Hybrid</sup>.

The radiation width was taken to be the suggested<sup>3-4</sup> value of 0.260 ev except where specifically given by Hughes and Schwartz. We list

---

<sup>3</sup>D. J. Hughes and R. B. Schwartz, "Neutron Cross Sections," Brookhaven National Laboratory Report BNL-325, 2nd ed. (July, 1958).

<sup>4</sup>J. A. Harvey, D. J. Hughes, R. S. Carter, and V. E. Pilcher, Phys. Rev. 99, 10 (1955).

below the level parameters used (laboratory system):

Isotope	Relative Abundance	Resonance Number, $i$	Resonance Energy $E_i$ (ev)	Gamma Width $\Gamma_{\gamma}^i$ (ev)	Reduced Neutron Width, $\Gamma_{no}^i$ (ev)
Mo <sup>92</sup> , Mo <sup>94</sup>	0.1038	None (potential scattering only)			
Mo <sup>95</sup>	0.1570	1	45.	0.21	0.0261
		2	162.	0.26	0.0011
		3	570.	0.26	0.005
		4	700.	0.26	0.028
Mo <sup>96</sup>	0.1650	1	133.2	0.26	0.0173
Mo <sup>97</sup>	0.0945	1	71.8	0.33	0.00206
		2	292.	0.26	0.0044
		3	406.	0.26	0.004
		4	580	0.26	0.028
Mo <sup>98</sup>	0.2375	1	480	0.26	0.034
Mo <sup>100</sup>	0.0962	1	367	0.26	0.052
Mo <sup>Hybrid</sup>	0.1460	1	406	0.26	0.0015
		2	440	0.26	0.005
		3	510	0.26	0.005

To account for thermal  $1/v$  contributions of resonances not included in this study we have added  $1/v$  terms of strength (at 0.0253 ev): Mo<sup>92</sup> and Mo<sup>94</sup>, 0; Mo<sup>95</sup>, 8.12 barns; Mo<sup>96</sup>, 0.124 barns; Mo<sup>97</sup>, 1.83 barns; Mo<sup>98</sup>, 0.224 barns; Mo<sup>100</sup>, 0; Mo<sup>Hybrid</sup>, 0. The radius parameter for all

isotopes,  $R = 6.85$  fermis, was chosen to give the best fit to the total cross section. 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 even-even isotopes (spin zero) and was taken as one-half for the even-odd isotopes. (Actually,  $\text{Mo}^{95}$ ,  $\text{Mo}^{97}$  have  $g = 7/12$  or  $5/12$  in place of  $6/12$  used; the question to be decided at each resonance is: Which? Strictly speaking, our  $\Gamma_n$  are actually  $2g\Gamma_n$  for even-odds so the error is compensated to a large extent by the modification of  $\Gamma_n$ .)

A comparison of our values with experiment at thermal (0.0253 ev) follows (all quantities in barns):

Quantity	Experiment <sup>3</sup>	Our Calculation
Mo $\sigma_T$	$7.6 \pm 0.6$	8.21
Mo $\sigma_\gamma$	$2.7 \pm 0.1$	2.70
$\text{Mo}^{92}, \text{Mo}^{94} \sigma_\gamma$	$< 0.3$	0
$\text{Mo}^{95} \sigma_\gamma$	$13.9 \pm 1.4$	13.94
$\text{Mo}^{96} \sigma_\gamma$	$1.2 \pm 0.6$	1.20
$\text{Mo}^{97} \sigma_\gamma$	$2.2 \pm 0.7$	2.20
$\text{Mo}^{98} \sigma_\gamma$	$0.4 \pm 0.4$	0.24
$\text{Mo}^{100} \sigma_\gamma$	$0.5 \pm 0.5$	0.425

### 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 course, only the first two or three tabulated figures are significant and the last two figures give the exponent; thus, for example, 1.0756678 02 is read 108, and 9.3158847-01 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  $1/v$  parameters, the use of a constant radiative capture width where unknown, the use of  $g = 1/2$  for even-odd isotopes — all these appear to have errors less than or the same order of experiment. The error in the experimental parameters is largest for the smallest resonances  $\pm 50\%$  (570 ev) down to  $\pm 10\%$  for the largest (367 ev). Graphs of the radiative capture cross section are included for illustrative purposes.

## FIGURES

	Page
1. The variation of the molybdenum radiative capture cross section, $\sigma_\gamma$ , versus neutron energy, $E_n$ , from 310 to 450 ev, for various molybdenum temperatures.	14
2. Molybdenum radiative capture cross section, $\sigma_\gamma$ , versus neutron energy, $E_n$ , from 0.0253 to 10 ev for $T = 0.0253$ ev.	15
3. Molybdenum radiative capture cross section, $\sigma_\gamma$ , versus neutron energy, $E_n$ , from 1 to 70 ev for $T = 0.0253$ ev.	16
4. Molybdenum radiative capture cross section, $\sigma_\gamma$ , versus neutron energy, $E_n$ , from 70 to 140 ev for $T = 0.0253$ ev.	17
5. Molybdenum radiative capture cross section, $\sigma_\gamma$ , versus neutron energy, $E_n$ , from 140 to 210 ev for $T = 0.0253$ ev.	18
6. Molybdenum radiative capture cross section, $\sigma_\gamma$ , versus neutron energy, $E_n$ , from 210 to 350 ev for $T = 0.0253$ ev.	19
7. Molybdenum radiative capture cross section, $\sigma_\gamma$ , versus neutron energy, $E_n$ , from 350 to 478 ev for $T = 0.0253$ ev.	20
8. Molybdenum radiative capture cross section, $\sigma_\gamma$ , versus neutron energy, $E_n$ , from 470 to 610 ev for $T = 0.0253$ ev.	21
9. Molybdenum radiative capture cross section, $\sigma_\gamma$ , versus neutron energy, $E_n$ , from 610 to 730 ev for $T = 0.0253$ ev.	22

## TABLES

I. Cross sections at 0.0253 ev.	23
II. Cross sections at 0.05 ev.	35
III. Cross sections at 0.1 ev.	47
IV. Cross sections at 0.2 ev.	57
V. Cross sections at 0.5 ev.	67
VI. Cross sections at 1 ev.	77

	Page
VII. Cross sections at 2 ev.	87
VIII. Cross sections at 5 ev.	97
IX. Cross sections at 10 ev.	105
X. Cross sections at 20 ev.	112
XI. Cross sections at 50 ev.	118
XII. Cross sections at 100 ev.	122
XIII. Cross sections at 200 ev.	126
XIV. Cross sections at 500 ev.	128

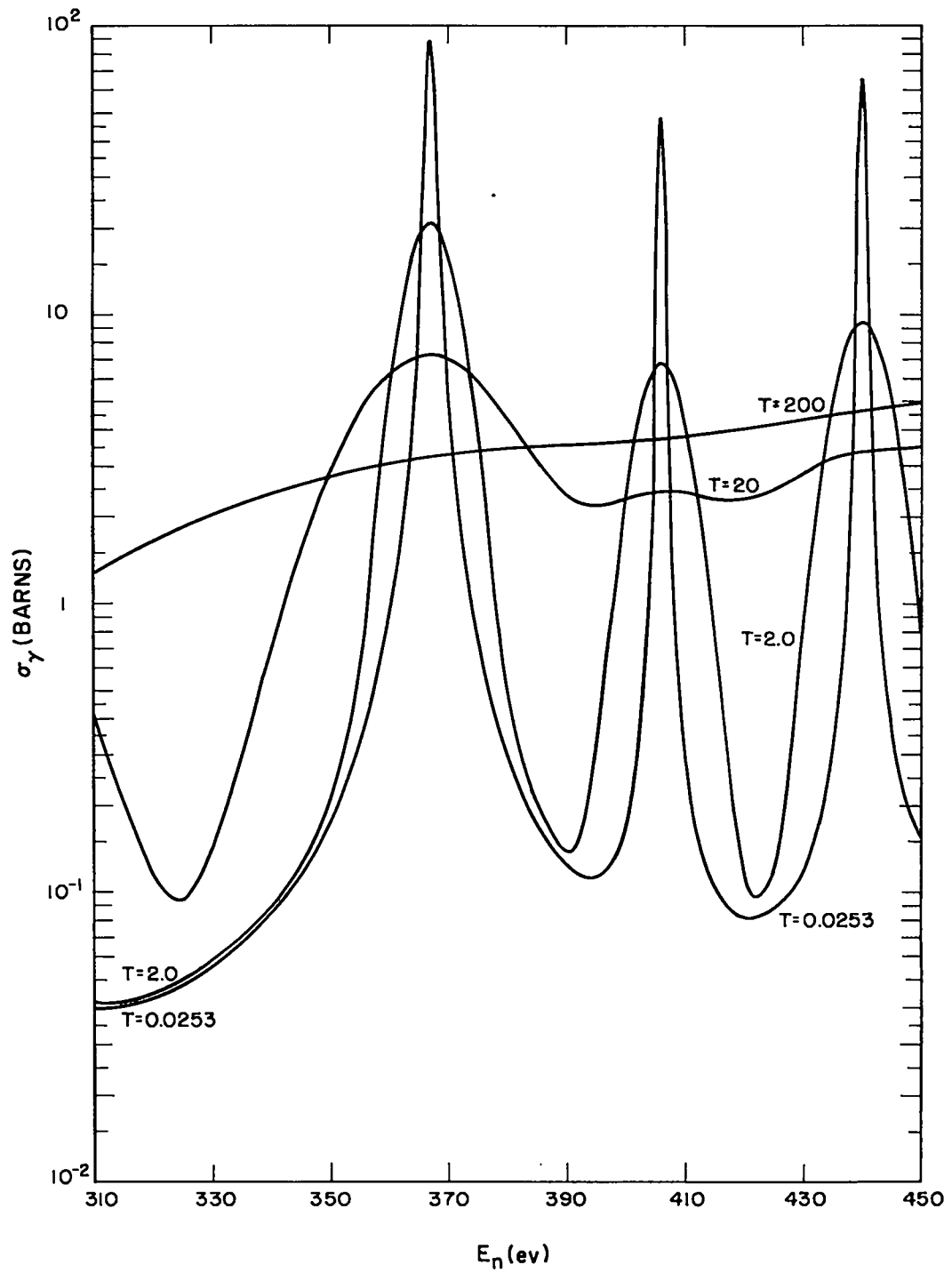


Fig. 1 The variation of the molybdenum radiative capture cross section  $\sigma_\gamma$ , versus neutron energy,  $E_n$ , from 310 to 450 ev, for various molybdenum temperatures.



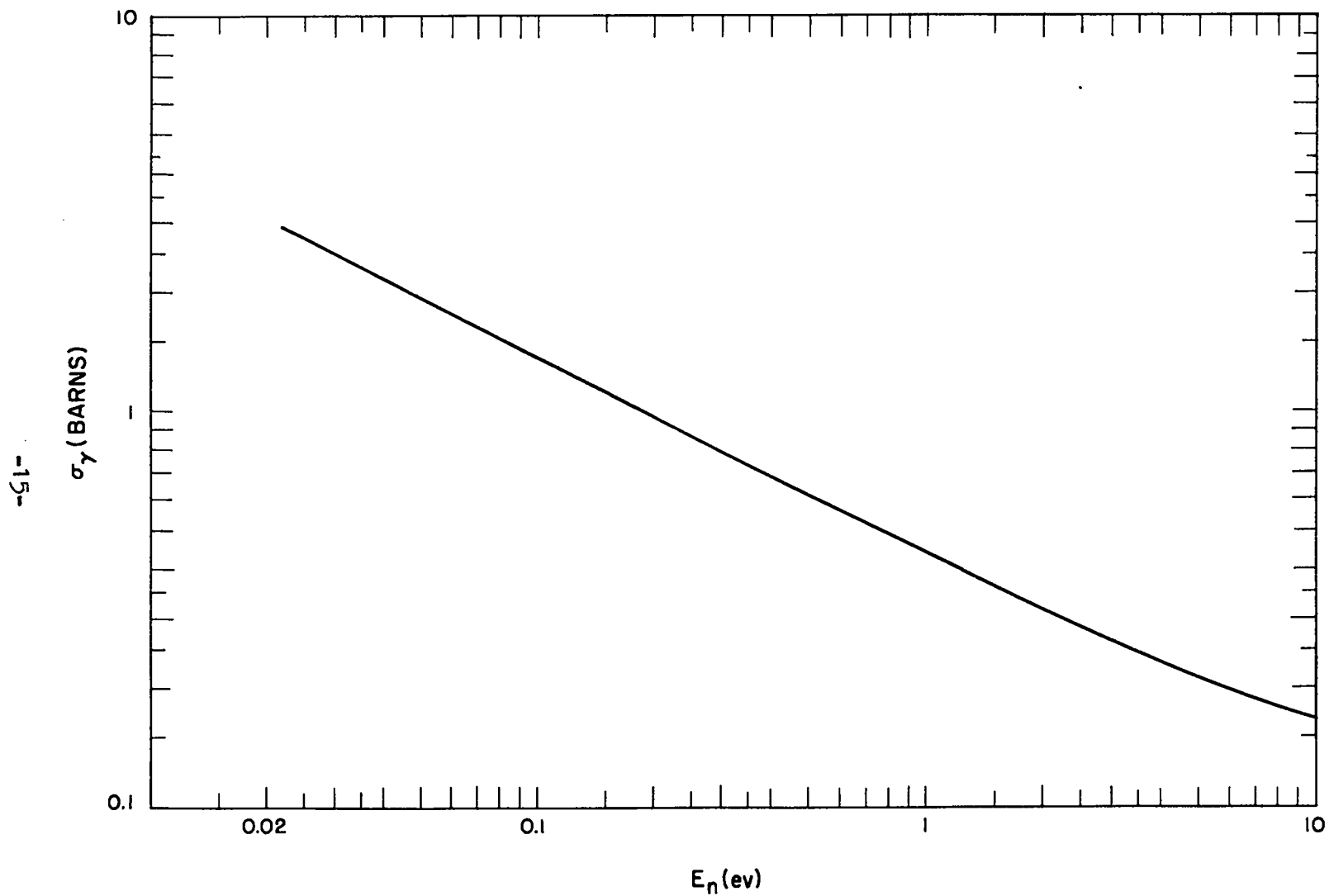


Fig. 2 Molybdenum radiative capture cross section,  $\sigma_\gamma$ , versus neutron energy,  $E_n$ , from 0.0253 to 10 ev for  $T = 0.0253$  ev.

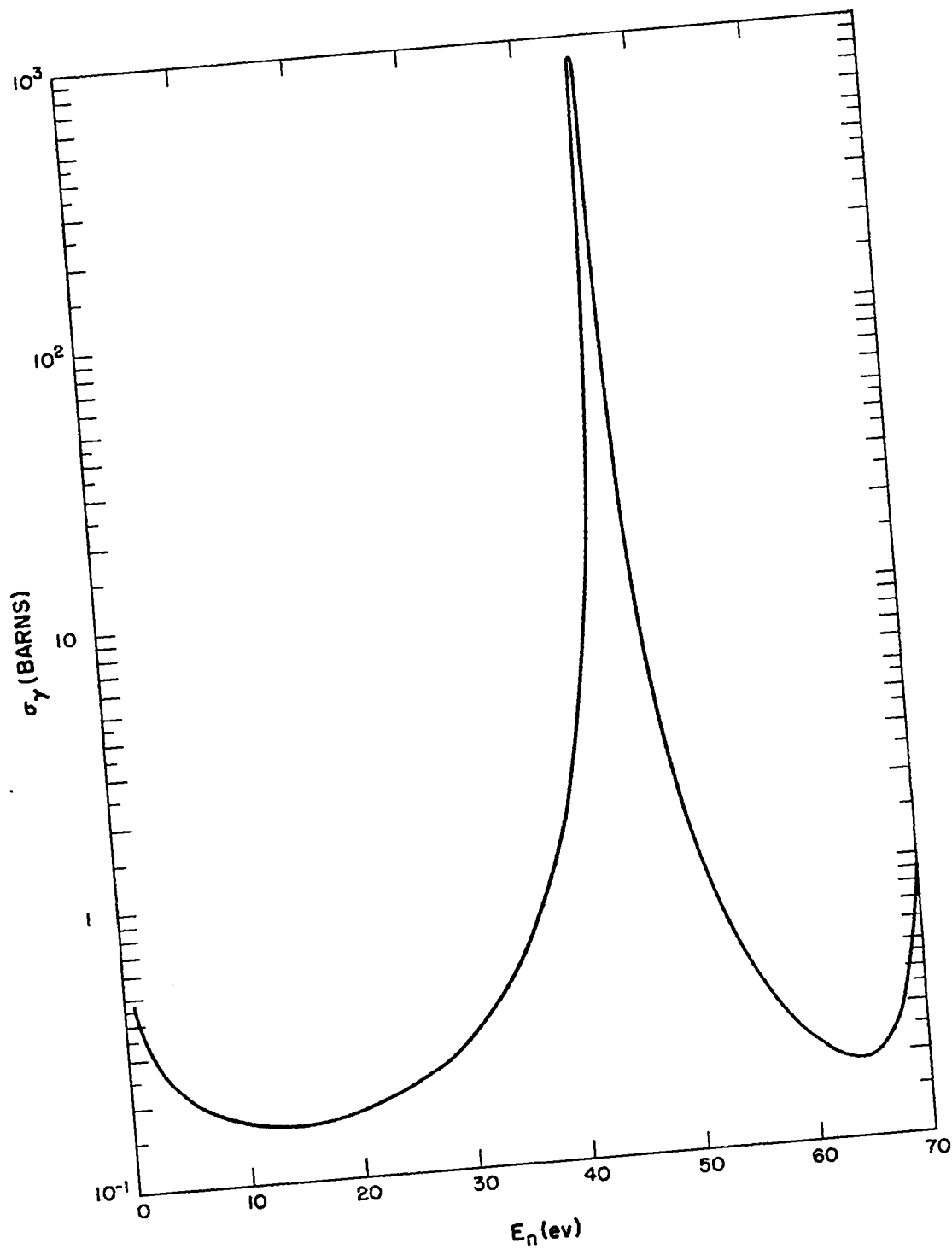


Fig. 3 Molybdenum radiative capture cross section,  $\sigma_\gamma$ , versus neutron energy,  $E_n$ , from 1 to 70 ev for  $T = 0.0253$  ev.

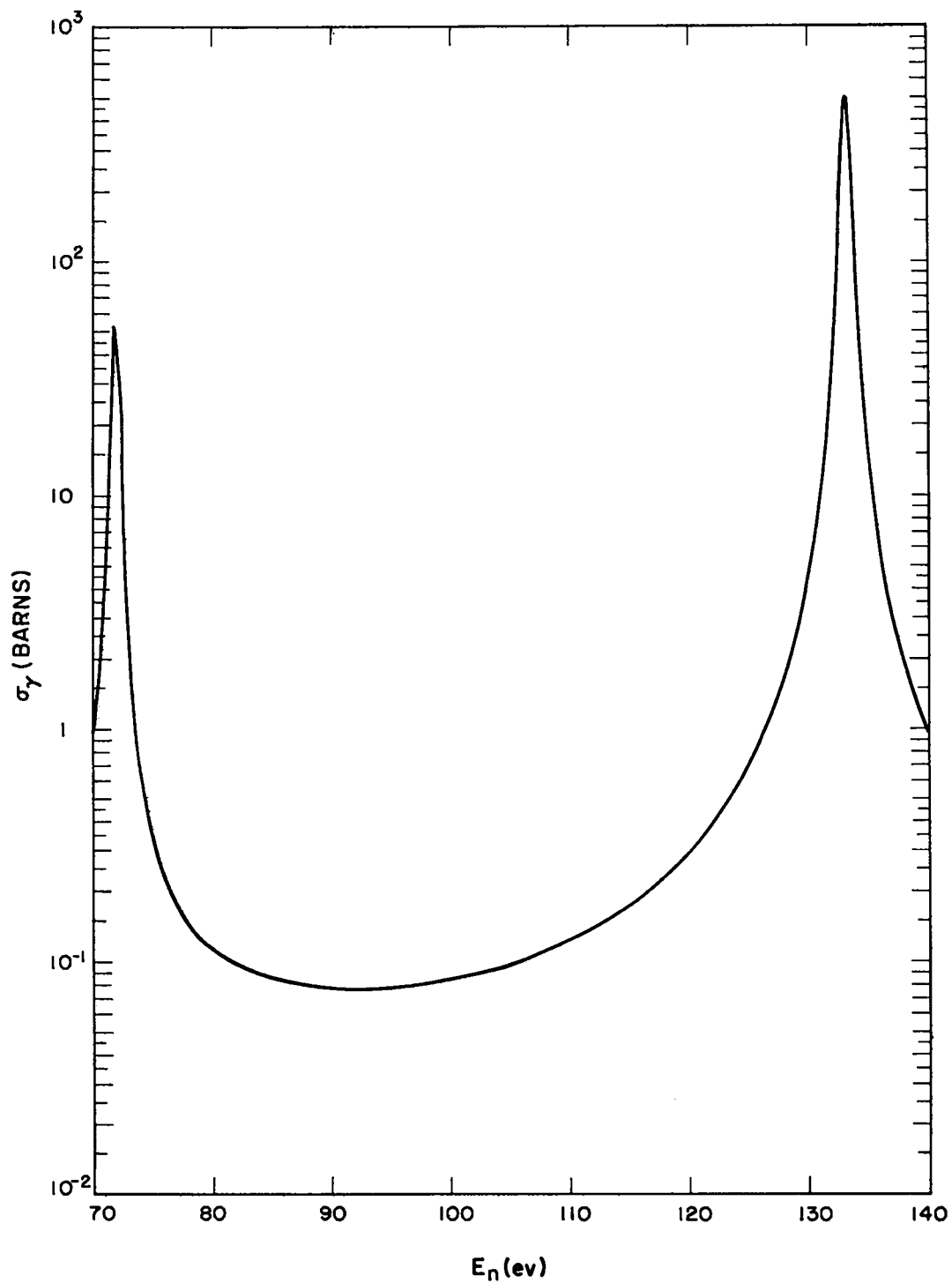


Fig. 4 Molybdenum radiative capture cross section,  $\sigma_\gamma$ , versus neutron energy,  $E_n$ , from 70 to 140 ev for  $T = 0.0253$  ev.

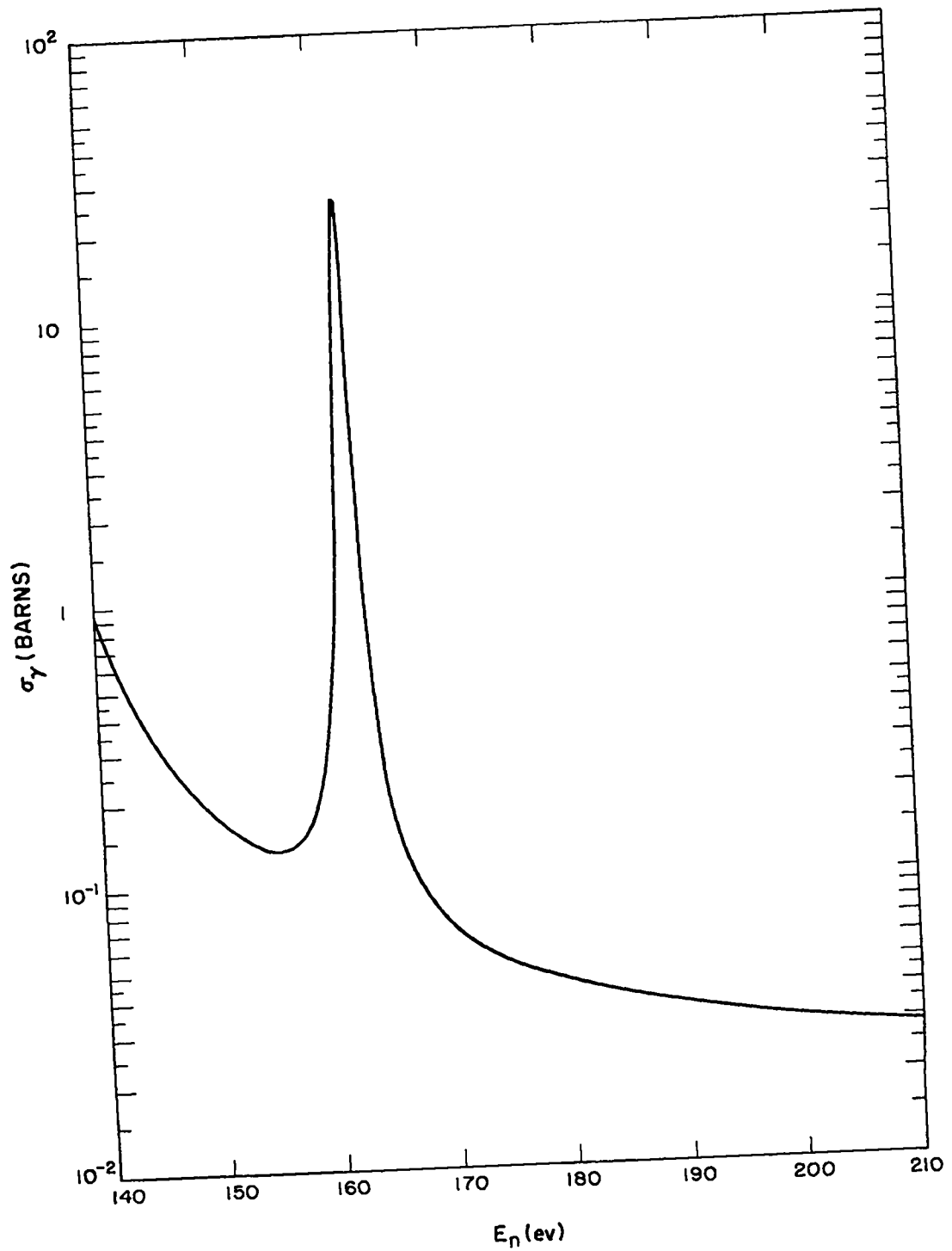


Fig. 5 Molybdenum radiative capture cross section,  $\sigma_\gamma$ , versus neutron energy,  $E_n$ , from 140 to 210 ev for  $T = 0.0253$  ev.

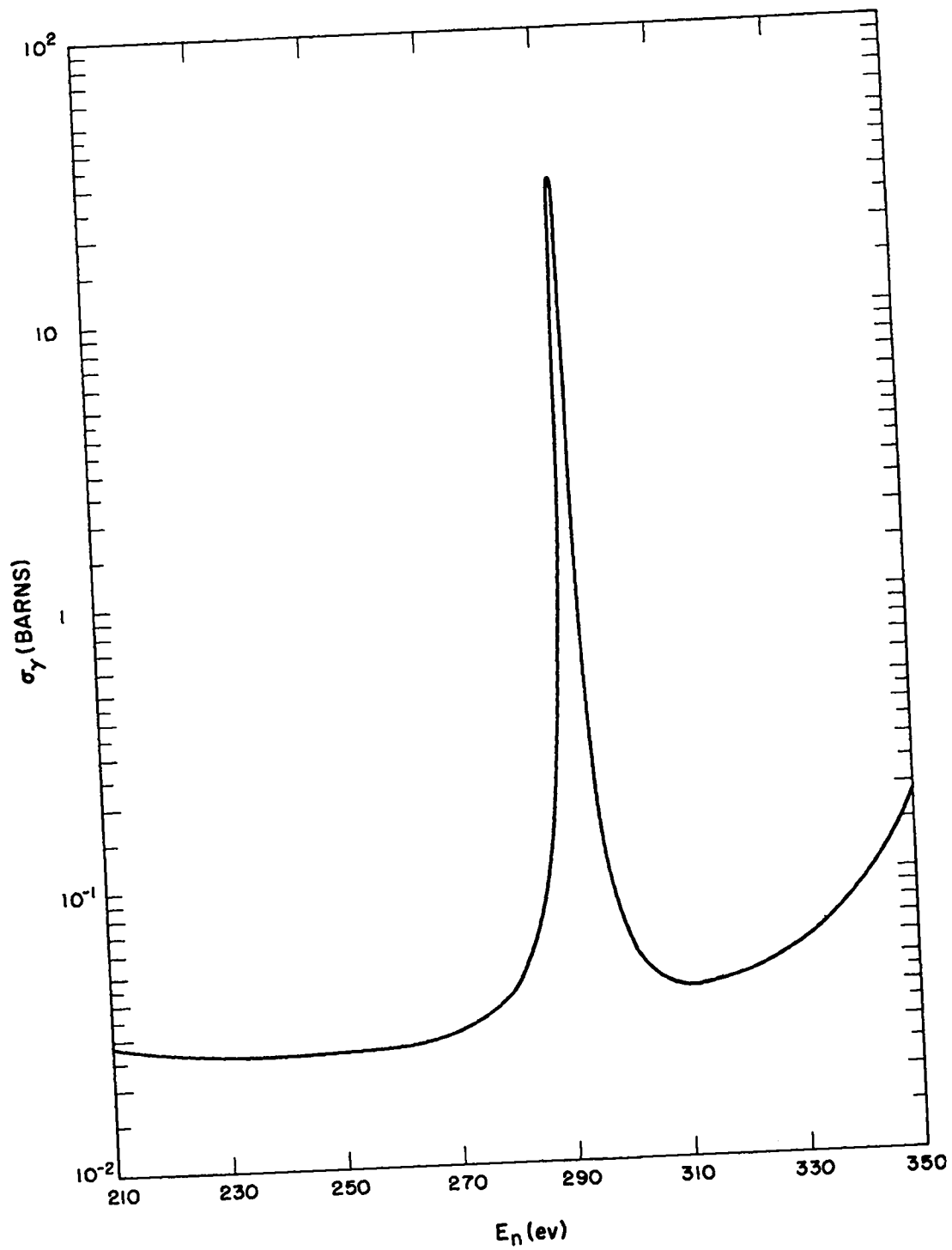


Fig. 6 Molybdenum radiative capture cross section,  $\sigma_\gamma$ , versus neutron energy,  $E_n$ , from 210 to 350 ev for  $T \approx 0.0253$  ev.

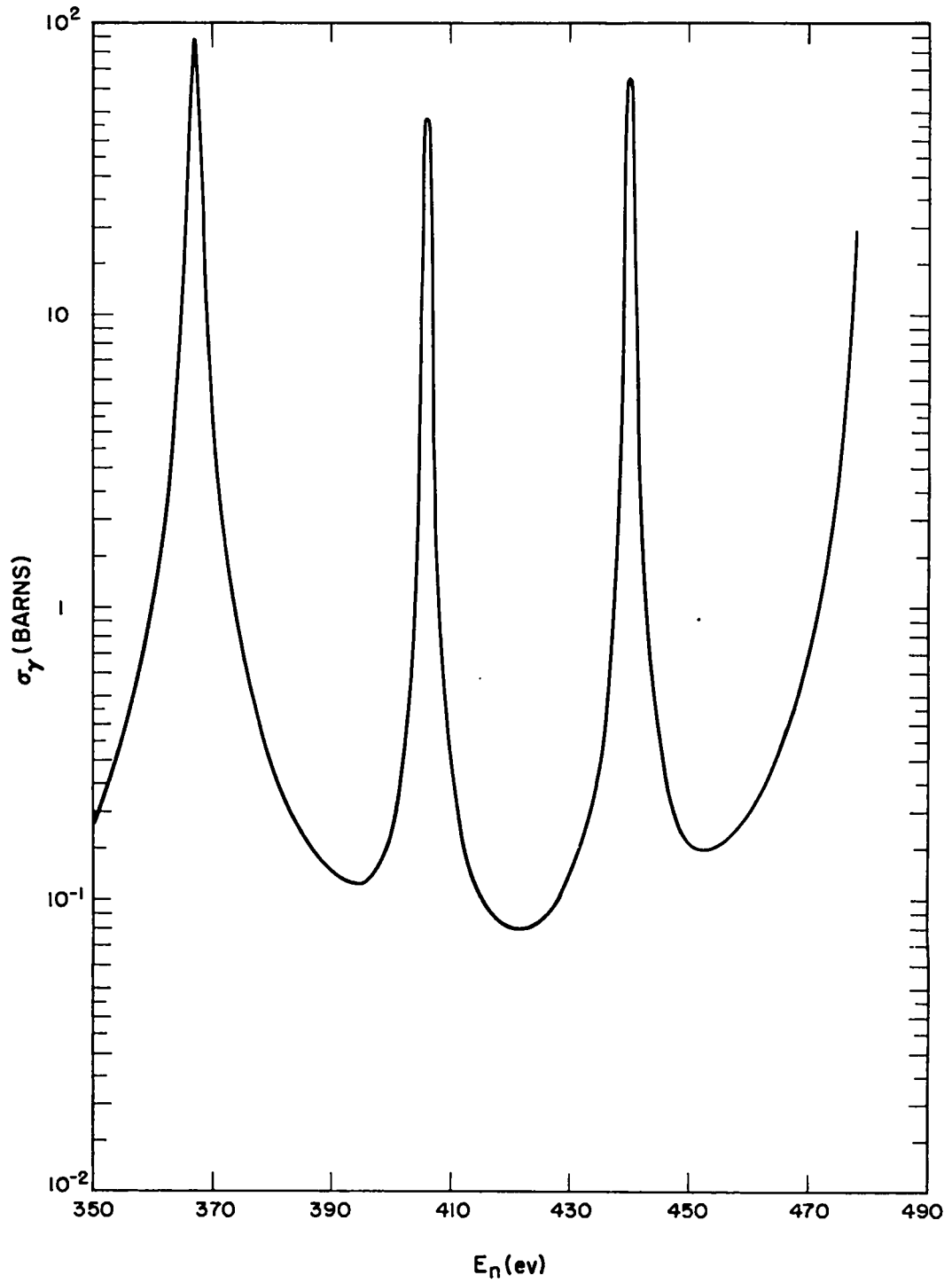


Fig. 7 Molybdenum radiative capture cross section,  $\sigma_\gamma$ , versus neutron energy,  $E_n$ , from 350 to 478 ev for  $T \leq 0.0253$  ev.

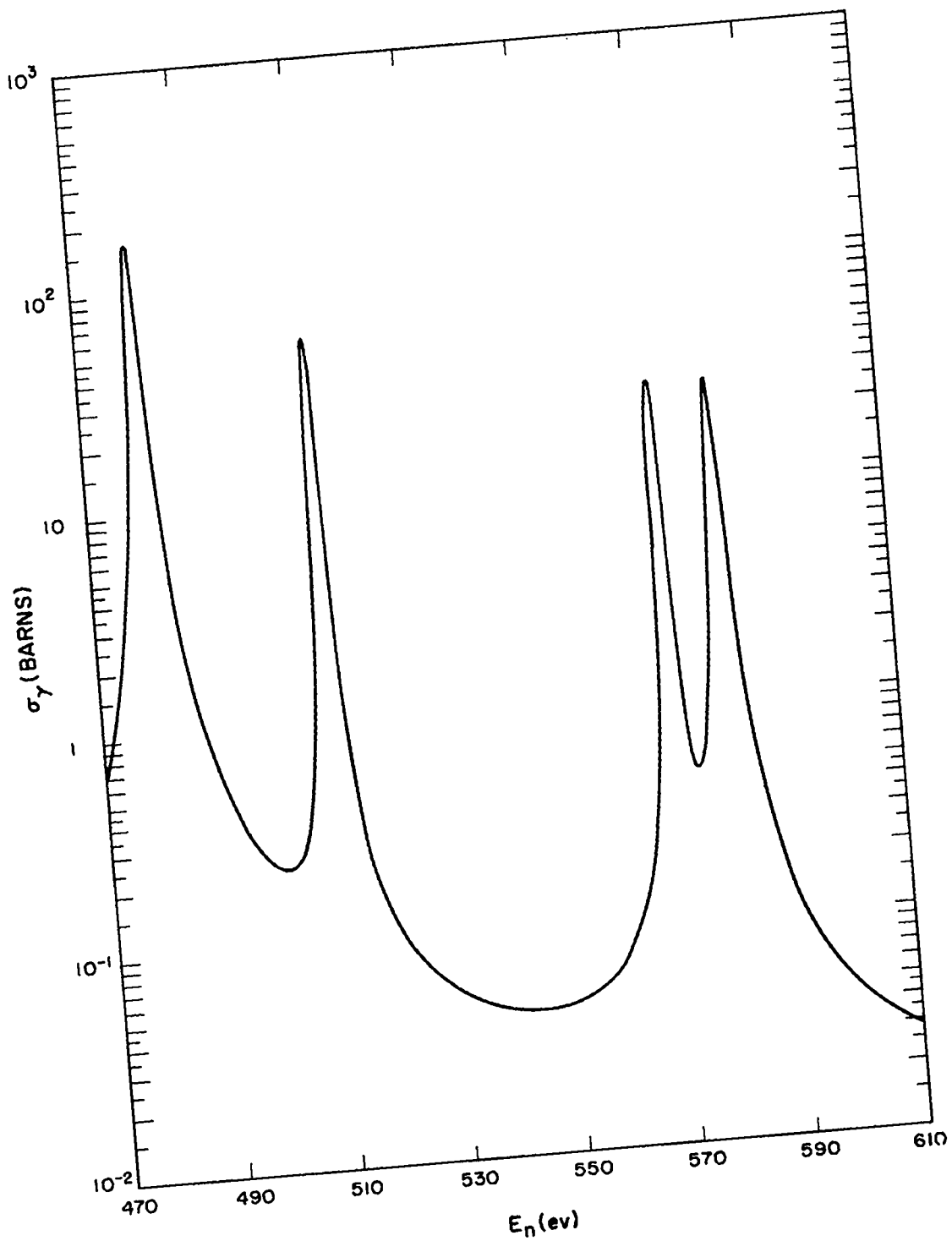


Fig. 8 Molybdenum radiative capture cross section,  $\sigma_\gamma$ , versus neutron energy,  $E_n$ , from 470 to 610 ev for  $\Gamma \approx 0.0253$  ev.

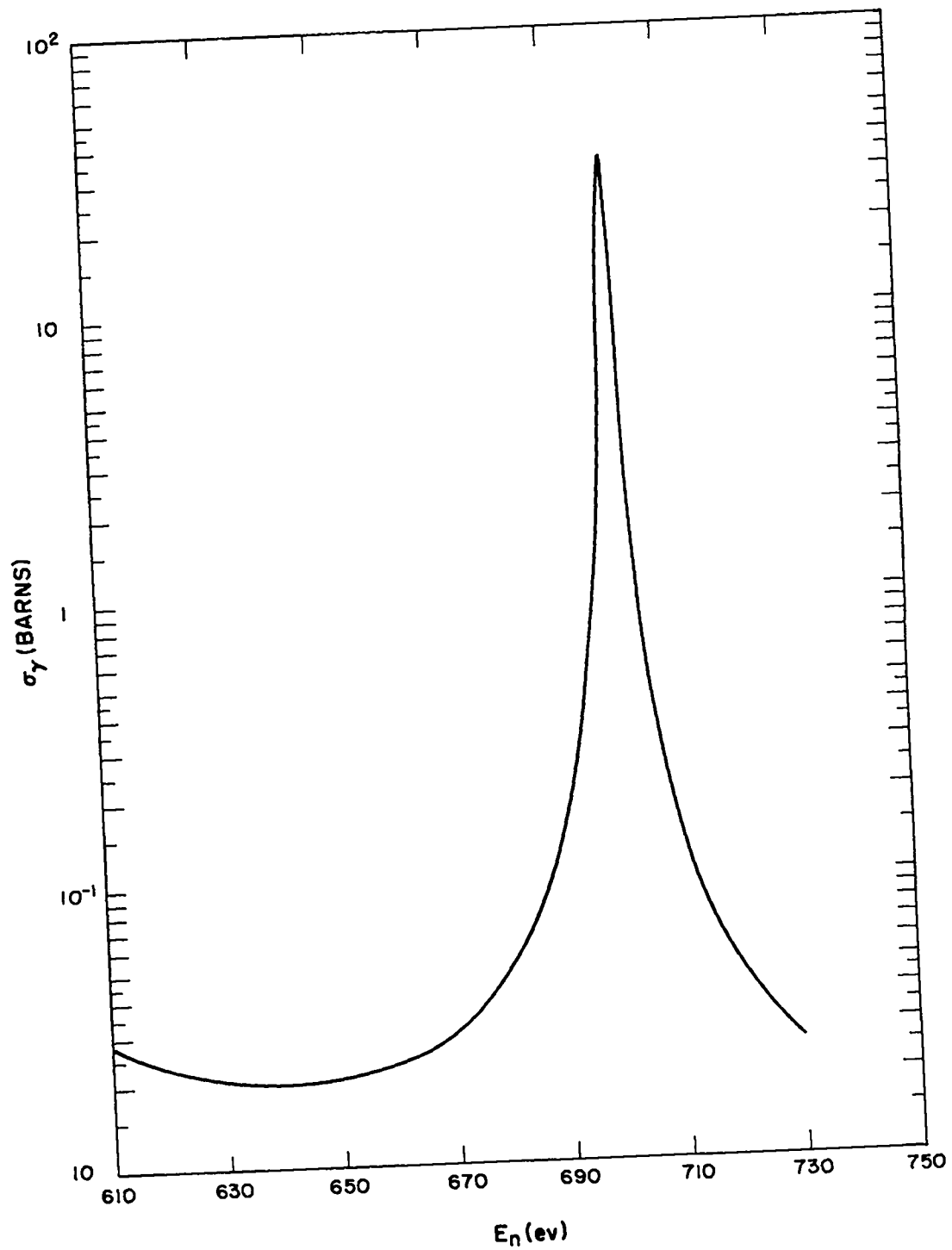


Fig. 9 Molybdenum radiative capture cross section,  $\sigma_\gamma$ , versus neutron energy,  $E_n$ , from 610 to 730 eV for  $T = 0.0253$  eV.



TABLE I  
Mo CROSS SECTIONS

Mo Temperature = 0.0253 ev

Neutron Energy, $E_n$ (ev)	Radiative Capture Cross Section, $\sigma_\gamma$ (barns)	Scattering Cross Section, $\sigma_S$ (barns)	Total Cross Section, $\sigma_T$ (barns)
2.5300005-02	2.7004070 00	5.5084344 00	8.2088414 00
4.0000008-02	2.1481459 00	5.4991390 00	7.6472849 00
5.0000009-02	1.9216741 00	5.4959184 00	7.4175925 00
7.0000008-02	1.6246427 00	5.4922044 00	7.1168471 00
1.0000005-01	1.3599412 00	5.4893535 00	6.8492946 00
2.0000005-01	9.6320413-01	5.4857521 00	6.4489562 00
3.0000007-01	7.8775158-01	5.4842731 00	6.2720246 00
5.0000005-01	6.1222072-01	5.4825718 00	6.0947925 00
7.0000005-01	5.1915944-01	5.4813495 00	6.0005089 00
1.0000005 00	4.3657706-01	5.4797800 00	5.9163570 00
2.0000005 00	3.1415822-01	5.4750421 00	5.7892003 00
3.0000005 00	2.6126415-01	5.4703601 00	5.7316243 00
5.0000005 00	2.1054215-01	5.4606477 00	5.6711898 00
7.0000005 00	1.8590492-01	5.4502478 00	5.6361527 00
1.0000005 01	1.6765199-01	5.4331198 00	5.6007717 00
1.5000005 01	1.6012707-01	5.3994342 00	5.5595612 00
2.0000005 01	1.7157461-01	5.3570909 00	5.5286655 00
2.2000005 01	1.8206336-01	5.3369174 00	5.5189807 00
2.5000005 01	2.0696718-01	5.3023194 00	5.5092866 00
2.7000004 01	2.3247510-01	5.2759494 00	5.5084244 00
2.9000005 01	2.6910568-01	5.2467687 00	5.5158744 00
3.0000005 01	2.9342568-01	5.2312005 00	5.5246262 00
3.2000005 01	3.6036551-01	5.1988620 00	5.5592274 00
3.4000005 01	4.6724699-01	5.1680518 00	5.6352988 00
3.5000005 01	5.4613804-01	5.1560519 00	5.7021899 00
3.6000005 01	6.5250966-01	5.1498368 00	5.8023464 00
3.7000005 01	8.0076281-01	5.1550035 00	5.9557663 00
3.8000005 01	1.0162251 00	5.1825959 00	6.1988209 00
3.9000005 01	1.3468895 00	5.2558214 00	6.6027108 00
4.0000005 01	1.8930500 00	5.4280115 00	7.3210615 00
4.1000005 01	2.8945949 00	5.8385178 00	8.7331127 00
4.1500005 01	3.7443179 00	6.2437445 00	9.9880623 00
4.2000005 01	5.0521994 00	6.9297988 00	1.1981998 01
4.2500005 01	7.2211998 00	8.1718476 00	1.5393047 01
4.2800005 01	9.2915550 00	9.4344875 00	1.8726042 01
4.3000005 01	1.1222087 01	1.0657774 01	2.1879861 01
4.3200005 01	1.3837532 01	1.2366322 01	2.6203853 01
4.3500005 01	1.9926038 01	1.6499229 01	3.6425268 01
4.3700005 01	2.6583681 01	2.1181177 01	4.7764858 01
4.3900005 01	3.7321092 01	2.8954321 01	6.6275412 01
4.4000005 01	4.5362110 01	3.4897523 01	8.0259633 01
4.4100005 01	5.6367822 01	4.3152042 01	9.9519864 01
4.4200004 01	7.2007805 01	5.5059104 01	1.2706691 02
4.4300005 01	9.5267588 01	7.3042407 01	1.6831000 02
4.4400005 01	1.3162809 02	1.0160699 02	2.3323508 02
4.4500005 01	1.9073343 02	1.4880424 02	3.3953768 02
4.4600004 01	2.8656076 02	2.2658757 02	5.1314833 02
4.4700005 01	4.2998482 02	3.4496188 02	7.7494670 02
4.4800005 01	6.0853394 02	4.9518072 02	1.1037147 03
4.4900005 01	7.6794476 02	6.3342353 02	1.4013683 03
4.4950004 01	8.1592756 02	6.7753036 02	1.4934579 03
4.5000005 01	8.3218471 02	6.9576809 02	1.5279528 03
4.5050005 01	8.1415573 02	6.8556050 02	1.4997162 03
4.5100005 01	7.6471612 02	6.4884229 02	1.4135584 03
4.5200005 01	6.0400648 02	5.2151757 02	1.1255241 03
4.5300005 01	4.2598740 02	3.7596404 02	8.0195144 02
4.5400005 01	2.8363497 02	2.5731613 02	5.4095111 02
4.5500005 01	1.8861562 02	1.7682732 02	3.6544294 02
4.5600005 01	1.2997653 02	1.2638258 02	2.5635911 02
4.5700004 01	9.3886981 01	9.4867202 01	1.8875418 02
4.5800005 01	7.0807475 01	7.4422998 01	1.4523048 02
4.5900005 01	5.5301768 01	6.0501841 01	1.1580361 02
4.6000005 01	4.4402317 01	5.0590940 01	9.4993258 01

TABLE I (Continued)

T = 0.0253 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.6100004 01	3.6448069 01	4.3269591 01	7.9717660 01
4.6300005 01	2.5844348 01	3.3344898 01	5.9189246 01
4.6500005 01	1.9284841 01	2.7066026 01	4.6350867 01
4.6700005 01	1.4942718 01	2.2819058 01	3.7761776 01
4.7000005 01	1.0740599 01	1.8603626 01	2.9344224 01
4.7200004 01	8.8536591 00	1.6661037 01	2.5514696 01
4.7500005 01	6.8356173 00	1.4533060 01	2.1368677 01
4.7700005 01	5.8511749 00	1.3469333 01	1.9320507 01
4.8000005 01	4.7305618 00	1.2230367 01	1.6960928 01
4.8200005 01	4.1536801 00	1.1577545 01	1.5731225 01
4.8500005 01	3.4683320 00	1.0784671 01	1.4253004 01
4.9000005 01	2.6528287 00	9.8084932 00	1.2461321 01
4.9500005 01	2.0959724 00	9.1129461 00	1.1208918 01
5.0000005 01	1.6991447 00	8.5964476 00	1.0295592 01
5.1000005 01	1.1848624 00	7.8878424 00	9.0727048 00
5.2000004 01	8.7697406-01	7.4298409 00	8.3068149 00
5.3000005 01	6.7863794-01	7.1122690 00	7.7909069 00
5.4000005 01	5.4379323-01	6.8803053 00	7.4240985 00
5.5000005 01	4.4828659-01	6.7039076 00	7.1521941 00
5.7000005 01	3.2624644-01	6.4536376 00	6.7798840 00
6.0000005 01	2.3249405-01	6.2174765 00	6.4499705 00
6.2000005 01	2.0200608-01	6.1083753 00	6.3103813 00
6.4000005 01	1.9087400-01	6.0198328 00	6.2107067 00
6.5000005 01	1.9406347-01	5.9800814 00	6.1741448 00
6.6000005 01	2.0638816-01	5.9414790 00	6.1478670 00
6.7000005 01	2.3454431-01	5.9024235 00	6.1369678 00
6.8000005 01	2.9561918-01	5.8602637 00	6.1558828 00
6.8500005 01	3.5186057-01	5.8365810 00	6.1884415 00
6.9000005 01	4.4308077-01	5.8098111 00	6.2528918 00
6.9300005 01	5.2725598-01	5.7915670 00	6.3188229 00
6.9500005 01	6.0330399-01	5.7781822 00	6.3814861 00
6.9700005 01	7.0292832-01	5.7635850 00	6.4665133 00
6.9900004 01	8.3691399-01	5.7475482 00	6.5844622 00
7.0000005 01	9.2195475-01	5.7389135 00	6.6608682 00
7.0200005 01	1.1447348 00	5.7202900 00	6.8650247 00
7.0400005 01	1.4758121 00	5.6998656 00	7.1756777 00
7.0500005 01	1.7057366 00	5.6891376 00	7.3948742 00
7.0700004 01	2.3880306 00	5.6680514 00	8.0560820 00
7.0800005 01	2.9130137 00	5.6593121 00	8.5723258 00
7.0900005 01	3.6520471 00	5.6544494 00	9.3064965 00
7.1000005 01	4.7423168 00	5.6585315 00	1.0400849 01
7.1100003 01	6.4340049 00	5.6826294 00	1.2116635 01
7.1200005 01	9.1646948 00	5.7498663 00	1.4914561 01
7.1300005 01	1.3591710 01	5.9024788 00	1.9494188 01
7.1400004 01	2.0401566 01	6.2003131 00	2.6601879 01
7.1500005 01	2.9697243 01	6.6932950 00	3.6390540 01
7.1600003 01	4.0133875 01	7.3627958 00	4.7496671 01
7.1700005 01	4.8695753 01	8.0730505 00	5.6768804 01
7.1750005 01	5.1168068 01	8.3749557 00	5.9543024 01
7.1800005 01	5.2004317 01	8.6044851 00	6.0608802 01
7.1850003 01	5.1103587 01	8.7423768 00	5.9845964 01
7.1900005 01	4.8576552 01	8.7805238 00	5.7357076 01
7.2000005 01	3.9956941 01	8.5846901 00	4.8541631 01
7.2100003 01	2.9531698 01	8.1547735 00	3.7686472 01
7.2200004 01	2.0278701 01	7.6711125 00	2.7949813 01
7.2300005 01	1.3506705 01	7.2544498 00	2.0761154 01
7.2400003 01	9.1021339 00	6.9428028 00	1.6044937 01
7.2500005 01	6.3818968 00	6.7236302 00	1.3105527 01
7.2600005 01	4.6953306 00	6.5702992 00	1.1265630 01
7.2700005 01	3.6082339 00	6.4600870 00	1.0068321 01
7.2800005 01	2.8716031 00	6.3778366 00	9.2494397 00
7.2900004 01	2.3486387 00	6.3142196 00	8.6628583 00
7.3000005 01	1.9627949 00	6.2635016 00	8.2262964 00

TABLE I (Continued)

T = 0.0253 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
7.3100003 01	1.6692944 00	6.2220627 00	7.8913570 00
7.3200005 01	1.4404352 00	6.1875119 00	7.6279472 00
7.3300005 01	1.2583088 00	6.1582176 00	7.4165264 00
7.3500005 01	9.8972520-01	6.1110869 00	7.1008121 00
7.3700005 01	8.0414813-01	6.0746421 00	6.8787902 00
7.4000005 01	6.1703875-01	6.0328649 00	6.6499036 00
7.4200005 01	5.3003030-01	6.0108224 00	6.5408527 00
7.4500005 01	4.3441501-01	5.9836438 00	6.4180588 00
7.4700004 01	3.8661435-01	5.9685380 00	6.3551522 00
7.5000005 01	3.3110537-01	5.9488774 00	6.2799827 00
7.5500005 01	2.6683178-01	5.9221502 00	6.1889819 00
7.6000005 01	2.2400890-01	5.9005181 00	6.1245270 00
7.7000004 01	1.7201712-01	5.8665181 00	6.0385352 00
7.8000005 01	1.4261290-01	5.8398491 00	5.9824619 00
7.9000005 01	1.2421827-01	5.8175065 00	5.9417247 00
8.0000005 01	1.1186571-01	5.7979742 00	5.9098399 00
8.2000005 01	9.6723552-02	5.7642499 00	5.8609733 00
8.4000005 01	8.8176135-02	5.7349363 00	5.8231124 00
8.5000005 01	8.5292884-02	5.7213536 00	5.8066464 00
8.6000005 01	8.3047457-02	5.7082884 00	5.7913358 00
8.8000005 01	7.9984987-02	5.6833041 00	5.7632891 00
9.0000005 01	7.8341618-02	5.6593278 00	5.7376694 00
9.2000005 01	7.7790043-02	5.6358805 00	5.7136705 00
9.5000005 01	7.8686533-02	5.6008485 00	5.6795350 00
9.8000005 01	8.1552247-02	5.5649662 00	5.6465184 00
1.0000005 02	8.4640854-02	5.5400148 00	5.6246556 00
1.0500005 02	9.7650955-02	5.4712958 00	5.5689468 00
1.1000005 02	1.2268261-01	5.3873533 00	5.5100359 00
1.1300005 02	1.4836819-01	5.3250163 00	5.4733845 00
1.1500005 02	1.7329050-01	5.2761951 00	5.4494855 00
1.1800005 02	2.3109556-01	5.1880312 00	5.4191267 00
1.2000005 02	2.9355734-01	5.1162375 00	5.4097948 00
1.2100005 02	3.3693283-01	5.0755778 00	5.4125106 00
1.2200005 02	3.9243305-01	5.0314638 00	5.4238967 00
1.2400005 02	4.6502449-01	4.9839268 00	5.4489512 00
1.2400005 02	5.6251508-01	4.9335567 00	5.4960718 00
1.2500005 02	6.9775945-01	4.8821568 00	5.5799163 00
1.2600005 02	8.9315293-01	4.8343675 00	5.7275204 00
1.2700005 02	1.1906248 00	4.8016895 00	5.9923143 00
1.2800005 02	1.6763689 00	4.8136253 00	6.4899941 00
1.2900005 02	2.5519240 00	4.9530644 00	7.5049884 00
1.2950005 02	3.2819108 00	5.1388542 00	8.4207649 00
1.3000005 02	4.3865610 00	5.4945551 00	9.8811160 00
1.3050005 02	6.1774454 00	6.1931856 00	1.2370631 01
1.3080005 02	7.8485110 00	6.9335655 00	1.4782077 01
1.3100005 02	9.3791596 00	7.6636907 00	1.7042850 01
1.3130005 02	1.2701831 01	9.3685872 00	2.2070417 01
1.3150005 02	1.6039465 01	1.1198100 01	2.7237565 01
1.3180005 02	2.4331209 01	1.6064686 01	4.0395895 01
1.3200005 02	3.4289720 01	2.2292600 01	5.6582321 01
1.3230005 02	6.7191579 01	4.4389247 01	1.1158082 02
1.3250005 02	1.1918277 02	8.1474802 01	2.0065757 02
1.3270005 02	2.1827998 02	1.5536756 02	3.7364755 02
1.3280005 02	2.8681726 02	2.0808816 02	4.9490541 02
1.3290005 02	3.6108385 02	2.6667012 02	6.2775398 02
1.3300005 02	4.2961962 02	3.2262555 02	7.5224517 02
1.3310005 02	4.7846752 02	3.6513940 02	8.4360692 02
1.3320005 02	4.9599591 02	3.8468500 02	8.8068090 02
1.3330005 02	4.7773911 02	3.7688286 02	8.5462198 02
1.3340005 02	4.2838240 02	3.4434870 02	7.7273110 02
1.3350005 02	3.5965909 02	2.9541631 02	6.5507541 02
1.3360005 02	2.8548684 02	2.4057534 02	5.2606217 02
1.3370005 02	2.1719466 02	1.8875254 02	4.0594720 02

TABLE I (Continued)

T = 0.0253 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
1.3380005 02	1.6106947 02	1.4522917 02	3.0629865 02
1.3390005 02	1.1857478 02	1.1159947 02	2.3017426 02
1.3400005 02	8.8088172 01	8.6977237 01	1.7506541 02
1.3420005 02	5.2014093 01	5.6965929 01	1.0898002 02
1.3450005 02	2.8398437 01	3.6313865 01	6.4712302 01
1.3470005 02	2.0730560 01	2.9264169 01	4.9994729 01
1.3500005 02	1.4039895 01	2.2860204 01	3.6900099 01
1.3520005 02	1.1254021 01	2.0086571 01	3.1340593 01
1.3550005 02	8.4195615 00	1.7164714 01	2.5584276 01
1.3570005 02	7.0910270 00	1.5746853 01	2.2837880 01
1.3600005 02	5.6223441 00	1.4128834 01	1.9751177 01
1.3650005 02	4.0248698 00	1.2282727 01	1.6307597 01
1.3700005 02	3.0259341 00	1.1058767 01	1.4084701 01
1.3750005 02	2.3594702 00	1.0195964 01	1.2555433 01
1.3800005 02	1.8926065 00	9.5592100 00	1.1451816 01
1.3850005 02	1.5528758 00	9.0722802 00	1.0625156 01
1.3900005 02	1.2979660 00	8.6891736 00	9.9871394 00
1.3950005 02	1.1018334 00	8.3806947 00	9.4825281 00
1.4000005 02	9.4771298-01	8.1274552 00	9.0751681 00
1.4100005 02	7.2426928-01	7.7373505 00	8.4616197 00
1.4200005 02	5.7314798-01	7.4516893 00	8.0248373 00
1.4300005 02	4.6628113-01	7.2339172 00	7.7001983 00
1.4400005 02	3.8801775-01	7.0625481 00	7.4505658 00
1.4500005 02	3.2907524-01	6.9241834 00	7.2532586 00
1.4600005 02	2.8367108-01	6.8100509 00	7.0937220 00
1.4800005 02	2.1973497-01	6.6323545 00	6.8520895 00
1.5000005 02	1.7863220-01	6.4993847 00	6.6780168 00
1.5200005 02	1.5215082-01	6.3945032 00	6.5466541 00
1.5400005 02	1.3711161-01	6.3071365 00	6.4442481 00
1.5500005 02	1.3418485-01	6.2673586 00	6.4015434 00
1.5600005 02	1.3554321-01	6.2286652 00	6.3642084 00
1.5700005 02	1.4379772-01	6.1894673 00	6.3332650 00
1.5800005 02	1.6558672-01	6.1471235 00	6.3127102 00
1.5850005 02	1.8665125-01	6.1232798 00	6.3099310 00
1.5900005 02	2.2113727-01	6.0961568 00	6.3172940 00
1.5920005 02	2.4104477-01	6.0839525 00	6.3249973 00
1.5950005 02	2.8136045-01	6.0636011 00	6.3449616 00
1.5970005 02	3.1839689-01	6.0482537 00	6.3666505 00
1.5990005 02	3.6772150-01	6.0310249 00	6.3987463 00
1.6000005 02	3.9876615-01	6.0215398 00	6.4203059 00
1.6020005 02	4.7929463-01	6.0003771 00	6.4796717 00
1.6040005 02	5.9744963-01	5.9755070 00	6.5729566 00
1.6050005 02	6.7892556-01	5.9613067 00	6.6402322 00
1.6070005 02	9.2130626-01	5.9285756 00	6.8498818 00
1.6090005 02	1.3832587 00	5.8903460 00	7.2736046 00
1.6100005 02	1.7922984 00	5.8713099 00	7.6636082 00
1.6110005 02	2.4279820 00	5.8566548 00	8.2846368 00
1.6120005 02	3.4269836 00	5.8540127 00	9.2809964 00
1.6130005 02	4.9695594 00	5.8763959 00	1.0845955 01
1.6140005 02	7.2429644 00	5.9423633 00	1.3185328 01
1.6150005 02	1.0357281 01	6.0728097 00	1.6430090 01
1.6160005 02	1.4226619 01	6.2832426 00	2.0509862 01
1.6170005 02	1.8468264 01	6.5729675 00	2.5041231 01
1.6180005 02	2.2403846 01	6.9164548 00	2.9320301 01
1.6190005 02	2.5215344 01	7.2636009 00	3.2478945 01
1.6200005 02	2.6228477 01	7.5526259 00	3.3781103 01
1.6210005 02	2.5183402 01	7.7310543 00	3.2914456 01
1.6220005 02	2.2350164 01	7.7749651 00	3.0125129 01
1.6230005 02	1.8408078 01	7.6954520 00	2.6103531 01
1.6240005 02	1.4172584 01	7.5303004 00	2.1702884 01
1.6250005 02	1.0315926 01	7.3265041 00	1.7642430 01
1.6260005 02	7.2144057 00	7.1240064 00	1.4338412 01
1.6270005 02	4.9500034 00	6.9471579 00	1.1897161 01

TABLE I (Continued)

T = 0.0253 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
1.6280005 02	3.4121976 00	6.8048893 00	1.0217087 01
1.6290005 02	2.4149134 00	6.6956677 00	9.1105810 00
1.6300005 02	1.7794154 00	6.6132599 00	8.3926753 00
1.6310005 02	1.3699250 00	6.5506959 00	7.9206208 00
1.6330005 02	9.0688647-01	6.4635570 00	7.3704435 00
1.6350005 02	6.6354191-01	6.4055152 00	7.0690570 00
1.6370005 02	5.1599905-01	6.3633907 00	6.8793898 00
1.6400005 02	3.8088138-01	6.3173187 00	6.6982001 00
1.6420005 02	3.2220194-01	6.2937735 00	6.6159754 00
1.6450005 02	2.6054332-01	6.2653262 00	6.5258694 00
1.6470005 02	2.3079065-01	6.2496373 00	6.4804279 00
1.6500005 02	1.9708805-01	6.2295942 00	6.4266822 00
1.6550005 02	1.5915029-01	6.2026964 00	6.3618467 00
1.6600005 02	1.3444980-01	6.1811825 00	6.3156323 00
1.6650005 02	1.1732911-01	6.1632286 00	6.2805577 00
1.6700005 02	1.0487492-01	6.1477701 00	6.2526450 00
1.6800005 02	8.8112161-02	6.1219237 00	6.2100358 00
1.6900005 02	7.7404820-02	6.1005626 00	6.1779674 00
1.7000005 02	6.9962837-02	6.0821602 00	6.1521230 00
1.7200005 02	6.0190177-02	6.0511673 00	6.1113574 00
1.7500005 02	5.1518911-02	6.0137055 00	6.0652243 00
1.7700005 02	4.7643454-02	5.9926054 00	6.0402288 00
1.8000005 02	4.3332622-02	5.9649408 00	6.0082734 00
1.8500005 02	3.8405335-02	5.9262691 00	5.9646744 00
1.9000005 02	3.5050405-02	5.8939342 00	5.9289846 00
1.9500005 02	3.2617193-02	5.8659527 00	5.8985699 00
2.0000005 02	3.0785798-02	5.8410956 00	5.8718814 00
2.0500005 02	2.9375860-02	5.8185411 00	5.8479169 00
2.1000005 02	2.8276889-02	5.7977036 00	5.8259805 00
2.2000005 02	2.6751137-02	5.7595054 00	5.7862565 00
2.3000005 02	2.5882592-02	5.7239608 00	5.7498434 00
2.4000005 02	2.5546109-02	5.6892109 00	5.7147570 00
2.4500005 02	2.5577464-02	5.6716188 00	5.6971962 00
2.5000005 02	2.5763138-02	5.6535847 00	5.6793479 00
2.5500005 02	2.6141524-02	5.6348340 00	5.6609755 00
2.6000005 02	2.6786959-02	5.6151689 00	5.6419558 00
2.6500005 02	2.7848344-02	5.5937210 00	5.6215693 00
2.7000005 02	2.9659430-02	5.5697746 00	5.5994340 00
2.7300005 02	3.1422012-02	5.5535435 00	5.5849655 00
2.7500005 02	3.3099485-02	5.5415732 00	5.5746727 00
2.7700005 02	3.5434691-02	5.5283258 00	5.5637604 00
2.7900005 02	3.8850260-02	5.5133019 00	5.5521521 00
2.8000005 02	4.1197615-02	5.5048803 00	5.5460778 00
2.8200005 02	4.8084988-02	5.4854715 00	5.5335565 00
2.8400005 02	6.0599496-02	5.4608082 00	5.5214077 00
2.8500005 02	7.1186956-02	5.4453450 00	5.5165319 00
2.8600005 02	8.7497105-02	5.4266692 00	5.5141662 00
2.8700005 02	1.1466056-01	5.4033266 00	5.5179872 00
2.8800005 02	1.6527836-01	5.3730042 00	5.5382825 00
2.8850005 02	2.0907418-01	5.3542286 00	5.5633027 00
2.8900005 02	2.7807443-01	5.3325931 00	5.6106675 00
2.8950005 02	3.9706289-01	5.3086970 00	5.7057598 00
2.9000005 02	6.3410014-01	5.2883359 00	5.9224361 00
2.9030005 02	9.2252805-01	5.2904775 00	6.2130055 00
2.9050005 02	1.2722855 00	5.3167277 00	6.5890132 00
2.9070005 02	1.9165613 00	5.4028412 00	7.3194024 00
2.9090005 02	3.2020605 00	5.6424787 00	8.8445392 00
2.9100005 02	4.2695359 00	5.8744544 00	1.0143991 01
2.9120005 02	7.7297838 00	6.7217666 00	1.4451550 01
2.9140005 02	1.3358529 01	8.2655848 00	2.1624113 01
2.9150005 02	1.6869484 01	9.3020937 00	2.6171577 01
2.9160005 02	2.0560870 01	1.0452524 01	3.1013394 01
2.9170005 02	2.4077607 01	1.1622332 01	3.5699940 01

TABLE I (Continued)

T = 0.0253 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_g$ (barns)	$\sigma_T$ (barns)
2.9180005 02	2.7004800 01	1.2690001 01	3.9694801 01
2.9190005 02	2.8947567 01	1.3528170 01	4.2475737 01
2.9200005 02	2.9622554 01	1.4031376 01	4.3653931 01
2.9210005 02	2.8927397 01	1.4140130 01	4.3067527 01
2.9220005 02	2.6968321 01	1.3855063 01	4.0823383 01
2.9230005 02	2.4031657 01	1.3234753 01	3.7266410 01
2.9240005 02	2.0513113 01	1.2379538 01	3.2892651 01
2.9250005 02	1.6825878 01	1.1406310 01	2.8232187 01
2.9260005 02	1.3322487 01	1.0424246 01	2.3746733 01
2.9280005 02	7.7114512 00	8.7340940 00	1.6445546 01
2.9300005 02	4.2617491 00	7.5936982 00	1.1855447 01
2.9320005 02	2.4427998 00	6.9265379 00	9.3693377 00
2.9350005 02	1.2688820 00	6.4285309 00	7.6974129 00
2.9370004 02	9.1935066-01	6.2536022 00	7.1729529 00
2.9400005 02	6.3141184-01	6.0898686 00	6.7212804 00
2.9450005 02	3.9523996-01	5.9332308 00	6.3284707 00
2.9500005 02	2.7694044-01	5.8409235 00	6.1178639 00
2.9550005 02	2.0850299-01	5.7795255 00	5.9880285 00
2.9600005 02	1.6518780-01	5.7354275 00	5.9006153 00
2.9700005 02	1.1537740-01	5.6755804 00	5.7909578 00
2.9800005 02	8.8905164-02	5.6360344 00	5.7249396 00
2.9900005 02	7.3222404-02	5.6072307 00	5.6804531 00
3.0000005 02	6.3225575-02	5.5847693 00	5.6479949 00
3.0100005 02	5.6514739-02	5.5663544 00	5.6228691 00
3.0300005 02	4.8494999-02	5.5368424 00	5.5853374 00
3.0500005 02	4.4272817-02	5.5129716 00	5.5572445 00
3.0700005 02	4.2001826-02	5.4921769 00	5.5341787 00
3.1000005 02	4.0584667-02	5.4640344 00	5.5046190 00
3.1200005 02	4.0454372-02	5.4463020 00	5.4867564 00
3.1500005 02	4.1077970-02	5.4202445 00	5.4613224 00
3.1700005 02	4.1934122-02	5.4028655 00	5.4447996 00
3.2000005 02	4.3811308-02	5.3763251 00	5.4201364 00
3.2500005 02	4.8590679-02	5.3297291 00	5.3783198 00
3.3000005 02	5.5992927-02	5.2787854 00	5.3347783 00
3.3300005 02	6.2234553-02	5.2456371 00	5.3078717 00
3.3500005 02	6.7442623-02	5.2223876 00	5.2898302 00
3.3800005 02	7.7400395-02	5.1858812 00	5.2632816 00
3.4000005 02	8.5969495-02	5.1606974 00	5.2466669 00
3.4300005 02	1.0304983-01	5.1226893 00	5.2257392 00
3.4500005 02	1.1849532-01	5.0984952 00	5.2169905 00
3.4700005 02	1.3876730-01	5.0772879 00	5.2160552 00
3.4900005 02	1.6611353-01	5.0625623 00	5.2286758 00
3.5000005 02	1.8351821-01	5.0594990 00	5.2430172 00
3.5200005 02	2.2927747-01	5.0687346 00	5.2980121 00
3.5400005 02	2.9761977-01	5.1154780 00	5.4130978 00
3.5500005 02	3.4523390-01	5.1643646 00	5.5095984 00
3.5700005 02	4.8671263-01	5.3615206 00	5.8482331 00
3.5800005 02	5.9525779-01	5.5488656 00	6.1441234 00
3.5900005 02	7.4699106-01	5.8457506 00	6.5927417 00
3.6000005 02	9.6837912-01	6.3298605 00	7.2982396 00
3.6100005 02	1.3098077 00	7.1550033 00	8.4648110 00
3.6200005 02	1.8772416 00	8.6574129 00	1.0534654 01
3.6300005 02	2.9262477 00	1.1680025 01	1.4606272 01
3.6350005 02	3.8228862 00	1.4413269 01	1.8236155 01
3.6400005 02	5.2122990 00	1.8816459 01	2.4028758 01
3.6450005 02	7.5345068 00	2.6465983 01	3.4000490 01
3.6500005 02	1.1834363 01	4.1198694 01	5.3033057 01
3.6550005 02	2.0801750 01	7.3205933 01	9.4007683 01
3.6580005 02	3.0690967 01	1.0964068 02	1.4033165 02
3.6600005 02	3.9997161 01	1.4465793 02	1.8465509 02
3.6620005 02	5.1444186 01	1.8854420 02	2.3998838 02
3.6640004 02	6.4122820 01	2.3823688 02	3.0235970 02
3.6650005 02	7.0357423 01	2.6319809 02	3.3355551 02

TABLE I (Continued)

T = 0.0253 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
3.6660005 02	7.6111585 01	2.8668720 02	3.6279878 02
3.6670005 02	8.1044274 01	3.0738315 02	3.8842742 02
3.6680005 02	8.4834145 01	3.2401107 02	4.0884521 02
3.6690005 02	8.7214192 01	3.3547418 02	4.2268838 02
3.6700005 02	8.8009730 01	3.4100722 02	4.2901695 02
3.6710005 02	8.7160742 01	3.4026932 02	4.2743006 02
3.6720004 02	8.4731509 01	3.3339396 02	4.1812546 02
3.6730005 02	8.0900302 01	3.2096184 02	4.0186214 02
3.6750005 02	7.0163642 01	2.8345822 02	3.5362186 02
3.6770004 02	5.7524833 01	2.3729454 02	2.9481937 02
3.6800005 02	3.9830786 01	1.7059167 02	2.1042246 02
3.6820005 02	3.0555796 01	1.3477021 02	1.6532600 02
3.6850005 02	2.0701854 01	9.5939883 01	1.1664173 02
3.6900005 02	1.1767031 01	5.9702872 01	7.1469903 01
3.6950005 02	7.4830677 00	4.1713790 01	4.9196857 01
3.7000005 02	5.1706557 00	3.1695816 01	3.6866471 01
3.7050005 02	3.7879710 00	2.5531316 01	2.9319287 01
3.7100005 02	2.8963183 00	2.1447032 01	2.4343349 01
3.7150005 02	2.2879199 00	1.8587167 01	2.0875086 01
3.7200005 02	1.8543000 00	1.6497270 01	1.8351569 01
3.7300005 02	1.2916374 00	1.3690042 01	1.4981679 01
3.7400005 02	9.5374064-01	1.1923542 01	1.2877282 01
3.7500005 02	7.3513382-01	1.0727968 01	1.1463101 01
3.7600005 02	5.8569193-01	9.8739772 00	1.0459669 01
3.7800005 02	4.0050777-01	8.7486148 00	9.1491225 00
3.8000005 02	2.9480815-01	8.0485019 00	8.3433099 00
3.8200005 02	2.2924545-01	7.5740552 00	7.8033007 00
3.8400005 02	1.8623431-01	7.2315702 00	7.4178045 00
3.8500005 02	1.7025759-01	7.0934172 00	7.2636748 00
3.8700005 02	1.4601650-01	6.8634290 00	7.0094455 00
3.8900005 02	1.2941983-01	6.6780208 00	6.8074406 00
3.9000005 02	1.2337103-01	6.5974044 00	6.7207754 00
3.9100005 02	1.1864189-01	6.5230033 00	6.6416452 00
3.9200005 02	1.1517861-01	6.4536914 00	6.5688700 00
3.9300005 02	1.1299564-01	6.3884681 00	6.5014637 00
3.9400005 02	1.1219076-01	6.3264133 00	6.4386040 00
3.9500005 02	1.1297425-01	6.2666273 00	6.3796015 00
3.9600005 02	1.1572599-01	6.2081698 00	6.3238958 00
3.9700005 02	1.2110330-01	6.1499837 00	6.2710870 00
3.9800005 02	1.3025315-01	6.0907786 00	6.2210317 00
3.9900005 02	1.4526052-01	6.0287873 00	6.1740479 00
4.0000005 02	1.7018353-01	5.9614358 00	6.1316193 00
4.0100005 02	2.1374547-01	5.8845078 00	6.0982532 00
4.0150005 02	2.4827401-01	5.8403156 00	6.0885895 00
4.0200005 02	2.9769176-01	5.7904724 00	6.0881641 00
4.0250005 02	3.7184913-01	5.7328660 00	6.1047151 00
4.0300005 02	4.9074276-01	5.6644521 00	6.1551947 00
4.0330005 02	6.0079373-01	5.6165489 00	6.2173427 00
4.0350005 02	7.0139537-01	5.5811951 00	6.2825904 00
4.0380005 02	9.2156218-01	5.5229784 00	6.4445406 00
4.0400005 02	1.1502852 00	5.4823417 00	6.6326269 00
4.0430005 02	1.7719825 00	5.4340139 00	7.2059965 00
4.0450005 02	2.6098813 00	5.4435024 00	8.0533837 00
4.0480005 02	5.5003831 00	5.6980998 00	1.1198483 01
4.0500005 02	9.5703360 00	6.2545336 00	1.5824870 01
4.0520005 02	1.6250838 01	7.3688150 00	2.3619653 01
4.0540005 02	2.5564552 01	9.1697950 00	3.4734347 01
4.0550005 02	3.0805845 01	1.0293704 01	4.1099549 01
4.0560005 02	3.5996651 01	1.1498027 01	4.7494678 01
4.0570005 02	4.0705502 01	1.2701648 01	5.3407149 01
4.0580005 02	4.4480554 01	1.3808290 01	5.8288843 01
4.0590005 02	4.6923374 01	1.4720618 01	6.1643991 01
4.0600005 02	4.7761482 01	1.5356075 01	6.3117557 01

TABLE I (Continued)

T = 0.0253 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.0610005 02	4.6899149 01	1.5661018 01	6.2560168 01
4.0620005 02	4.4435917 01	1.5619556 01	6.0055473 01
4.0630005 02	4.0647247 01	1.5255327 01	5.5902574 01
4.0640005 02	3.5932303 01	1.4625457 01	5.0557759 01
4.0650005 02	3.0742109 01	1.3808620 01	4.4550730 01
4.0660005 02	2.5507896 01	1.2891096 01	3.8398992 01
4.0680005 02	1.6215253 01	1.1059436 01	2.7274689 01
4.0700005 02	9.5527954 00	9.5594928 00	1.9112289 01
4.0720005 02	5.4918270 00	8.5148121 00	1.4006639 01
4.0750005 02	2.6038999 00	7.6220668 00	1.0225967 01
4.0770004 02	1.7653666 00	7.2951421 00	9.0605087 00
4.0800005 02	1.1429376 00	6.9954084 00	8.1383460 00
4.0850005 02	6.9362971-01	6.7150132 00	7.4086429 00
4.0900005 02	4.8261604-01	6.5477790 00	7.0303950 00
4.0950005 02	3.6322900-01	6.4333322 00	6.7965612 00
4.1000005 02	2.8846559-01	6.3484143 00	6.6368799 00
4.1100005 02	2.0307151-01	6.2274330 00	6.4305044 00
4.1200005 02	1.5783055-01	6.1419575 00	6.2997880 00
4.1300005 02	1.3103732-01	6.0756604 00	6.2066977 00
4.1400005 02	1.1397584-01	6.0209186 00	6.1348945 00
4.1500005 02	1.0258064-01	5.9736485 00	6.0762291 00
4.1600005 02	9.4747432-02	5.9314534 00	6.0262008 00
4.1700005 02	8.9302459-02	5.8928029 00	5.9821053 00
4.1800005 02	8.5555087-02	5.8566874 00	5.9422425 00
4.1900005 02	8.3084147-02	5.8223618 00	5.9054459 00
4.2000005 02	8.1630006-02	5.7892704 00	5.8709005 00
4.2200005 02	8.1220345-02	5.7251057 00	5.8063260 00
4.2400005 02	8.3855060-02	5.6612893 00	5.7451443 00
4.2500005 02	8.6399054-02	5.6286972 00	5.7150963 00
4.2700005 02	9.4613080-02	5.5603296 00	5.6549427 00
4.2800005 02	1.0081159-01	5.5236724 00	5.6244839 00
4.2900005 02	1.0899962-01	5.4846017 00	5.5936013 00
4.3000005 02	1.1993744-01	5.4423341 00	5.5622715 00
4.3100005 02	1.3484691-01	5.3958224 00	5.5306693 00
4.3200005 02	1.5578144-01	5.3435997 00	5.4993812 00
4.3300005 02	1.8640409-01	5.2835522 00	5.4699561 00
4.3400005 02	2.3377822-01	5.2125278 00	5.4463059 00
4.3500005 02	3.1304697-01	5.1257232 00	5.4387701 00
4.3600005 02	4.6200806-01	5.0160671 00	5.4780750 00
4.3700005 02	8.0090530-01	4.8775257 00	5.6784310 00
4.3750005 02	1.1715585 00	4.8056887 00	5.9772472 00
4.3800005 02	1.9746733 00	4.7853411 00	6.7600145 00
4.3830005 02	3.0962856 00	4.9183515 00	8.0146371 00
4.3850005 02	4.5733384 00	5.2257940 00	9.7991324 00
4.3880005 02	9.3262345 00	6.5847844 00	1.5911019 01
4.3900005 02	1.5499363 01	8.6751531 00	2.4174516 01
4.3920005 02	2.4973590 01	1.2213674 01	3.7187264 01
4.3940005 02	3.7441120 01	1.7277342 01	5.4718461 01
4.3950005 02	4.4212176 01	2.0210107 01	6.4422282 01
4.3970005 02	5.6666697 01	2.6073546 01	8.2740242 01
4.3980005 02	6.1321880 01	2.8575509 01	8.9897389 01
4.3990004 02	6.4311061 01	3.0505583 01	9.4816643 01
4.4000005 02	6.5332348 01	3.1697599 01	9.7029947 01
4.4010005 02	6.4280750 01	3.2057201 01	9.6337951 01
4.4020005 02	6.1265977 01	3.1576568 01	9.2842544 01
4.4030005 02	5.6592447 01	3.0332985 01	8.6925433 01
4.4050005 02	4.4127737 01	2.6191769 01	7.0319507 01
4.4060005 02	3.7364518 01	2.3691224 01	6.1055742 01
4.4080005 02	2.4922949 01	1.8756413 01	4.3679361 01
4.4100005 02	1.5473753 01	1.4700274 01	3.0174026 01
4.4120004 02	9.3168571 00	1.1842879 01	2.1159736 01
4.4150005 02	4.5720621 00	9.3909368 00	1.3962999 01
4.4170005 02	3.0960975 00	8.5133430 00	1.1609441 01



TABLE I (Continued)

T = 0.0253 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.4200005 02	1.9754076 00	7.7461922 00	9.7215997 00
4.4250005 02	1.1746549 00	7.0812746 00	8.2559295 00
4.4300005 02	8.0656776-01	6.7117808 00	7.5183486 00
4.4350005 02	6.0042508-01	6.4711953 00	7.0716204 00
4.4400005 02	4.7234993-01	6.3000162 00	6.7723661 00
4.4450005 02	3.8718137-01	6.1706666 00	6.5578480 00
4.4500005 02	3.2773945-01	6.0685109 00	6.3962503 00
4.4600005 02	2.5273118-01	5.9148147 00	6.1675459 00
4.4700005 02	2.0966181-01	5.8015572 00	6.0112190 00
4.4800005 02	1.8347213-01	5.7117903 00	5.8952624 00
4.4900005 02	1.6716933-01	5.6367016 00	5.8038710 00
4.5000005 02	1.5715384-01	5.5712293 00	5.7283831 00
4.5200005 02	1.4886358-01	5.4577479 00	5.6066114 00
4.5500005 02	1.5448844-01	5.3089291 00	5.4634176 00
4.5700005 02	1.6733129-01	5.2149129 00	5.3822441 00
4.6000005 02	2.0121943-01	5.0742974 00	5.2755168 00
4.6300005 02	2.6026640-01	4.9323851 00	5.1926515 00
4.6400005 02	2.8850775-01	4.8859957 00	5.1745034 00
4.6500005 02	3.2290046-01	4.8414137 00	5.1643141 00
4.6600005 02	3.6521589-01	4.8002777 00	5.1654935 00
4.6800005 02	4.8466281-01	4.7405532 00	5.2252160 00
4.6900005 02	5.7067827-01	4.7332674 00	5.3039456 00
4.7000005 02	6.8409502-01	4.7551702 00	5.4392652 00
4.7100005 02	8.3781302-01	4.8267065 00	5.6645195 00
4.7200005 02	1.0533954 00	4.9848652 00	6.0382606 00
4.7300005 02	1.3691147 00	5.3003347 00	6.6694493 00
4.7400005 02	1.8584352 00	5.9185503 00	7.7769855 00
4.7500005 02	2.6777577 00	7.1704755 00	9.8482332 00
4.7550005 02	3.3135055 00	8.2622112 00	1.1575717 01
4.7600005 02	4.2125181 00	9.9262444 00	1.4138762 01
4.7650005 02	5.5459208 00	1.2575326 01	1.8121247 01
4.7700005 02	7.6541849 00	1.7057476 01	2.4711661 01
4.7750005 02	1.1303417 01	2.5347645 01	3.66551061 01
4.7800005 02	1.8510358 01	4.2854172 01	6.1364531 01
4.7830005 02	2.6656312 01	6.3671459 01	9.0327771 01
4.7850005 02	3.5038484 01	8.5774912 01	1.2081340 02
4.7880005 02	5.4399312 01	1.3845410 02	1.9285341 02
4.7900005 02	7.2920686 01	1.9030600 02	2.6322669 02
4.7930005 02	1.0811506 02	2.9194279 02	4.0005785 02
4.7950005 02	1.3288250 02	3.6618641 02	4.9906891 02
4.7970005 02	1.5359743 02	4.3135408 02	5.8495151 02
4.7980005 02	1.6089391 02	4.5600161 02	6.1689552 02
4.7990005 02	1.6546818 02	4.7324776 02	6.3871593 02
4.8000005 02	1.6700381 02	4.8201984 02	6.4902364 02
4.8010005 02	1.6539327 02	4.8182193 02	6.4721520 02
4.8030005 02	1.5339563 02	4.5566630 02	6.0906193 02
4.8050005 02	1.3261147 02	4.0252169 02	5.3513316 02
4.8070005 02	1.0783977 02	3.3553613 02	4.4337590 02
4.8100005 02	7.2704989 01	2.3668752 02	3.0939251 02
4.8130005 02	4.6740705 01	1.6097856 02	2.0771926 02
4.8150005 02	3.4926747 01	1.2555539 02	1.6048214 02
4.8200005 02	1.8439462 01	7.4375113 01	9.2814574 01
4.8250005 02	1.1248848 01	5.0845337 01	6.2094184 01
4.8300005 02	7.6095117 00	3.8360934 01	4.5970446 01
4.8350005 02	5.5082220 00	3.0844127 01	3.6352349 01
4.8400005 02	4.1800052 00	2.5906013 01	3.0086017 01
4.8500005 02	2.6526197 00	1.9931566 01	2.2584185 01
4.8600005 02	1.8383810 00	1.6524429 01	1.8362810 01
4.8700005 02	1.3528777 00	1.4360414 01	1.5713291 01
4.8800005 02	1.0402419 00	1.2880384 01	1.3920626 01
4.8900005 02	8.2729989-01	1.1811695 01	1.2638995 01
4.9000005 02	6.7596788-01	1.1007263 01	1.1683231 01
4.9200005 02	4.8108527-01	9.8810711 00	1.0362156 01

TABLE I (Continued)

T = 0.0253 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.9400005 02	3.6661259-01	9.1305924 00	9.4972049 00
4.9500005 02	3.2723849-01	8.8408956 00	9.1681341 00
4.9800005 02	2.5406450-01	8.1776771 00	8.4317416 00
5.0000005 02	2.3397292-01	7.8409487 00	8.0749216 00
5.0100005 02	2.3263009-01	7.6902619 00	7.9228919 00
5.0200005 02	2.3877791-01	7.5461825 00	7.7849603 00
5.0300005 02	2.5550767-01	7.4046252 00	7.6601329 00
5.0400005 02	2.8918121-01	7.2607192 00	7.5499004 00
5.0500005 02	3.5385994-01	7.1080021 00	7.4618620 00
5.0600005 02	4.8528847-01	6.9375924 00	7.4228809 00
5.0700005 02	7.9971689-01	6.7412024 00	7.5409192 00
5.0750005 02	1.1563810 00	6.6420524 00	7.7984333 00
5.0800005 02	1.9775067 00	6.6123540 00	8.5898607 00
5.0850005 02	4.7827517 00	7.1737846 00	1.1956536 01
5.0880005 02	9.6434483 00	8.7313228 00	1.8374771 01
5.0900005 02	1.5495595 01	1.0918197 01	2.6413792 01
5.0930005 02	2.8909532 01	1.6548303 01	4.5457835 01
5.0950005 02	3.9681946 01	2.1564861 01	6.1246807 01
5.0970005 02	4.9357384 01	2.6599510 01	7.5956894 01
5.0980005 02	5.2896393 01	2.8722710 01	8.1619102 01
5.0990005 02	5.5149778 01	3.0368603 01	8.5518382 01
5.1000005 02	5.5916354 01	3.1413379 01	8.7329734 01
5.1010005 02	5.5125957 01	3.1785085 01	8.6911042 01
5.1030005 02	4.9297122 01	3.0530978 01	7.9828100 01
5.1050005 02	3.9608369 01	2.7196407 01	6.6804775 01
5.1100005 02	1.5457307 01	1.6957312 01	3.2414619 01
5.1150005 02	4.7633113 00	1.1458738 01	1.6222049 01
5.1200004 02	1.9540823 00	9.6013792 00	1.1555461 01
5.1250004 02	1.1282366 00	8.8682875 00	9.9965240 00
5.1300005 02	7.6721144-01	8.4690316 00	9.2362430 00
5.1400005 02	4.4344195-01	8.0225588 00	8.4660007 00
5.1500005 02	3.0178279-01	7.7678522 00	8.0696349 00
5.1600004 02	2.2595769-01	7.5967645 00	7.8227222 00
5.1700005 02	1.8009653-01	7.4702467 00	7.6503432 00
5.1800005 02	1.4993565-01	7.3706027 00	7.5205383 00
5.1900004 02	1.2884454-01	7.2886255 00	7.4174700 00
5.2000004 02	1.1338647-01	7.2189857 00	7.3323721 00
5.2200005 02	9.2419877-02	7.1047567 00	7.1971766 00
5.2500005 02	7.3936667-02	6.9724019 00	7.0463385 00
5.2700004 02	6.6058990-02	6.9004244 00	6.9664833 00
5.3000004 02	5.7860271-02	6.8082712 00	6.8661315 00
5.3200005 02	5.3964952-02	6.7544689 00	6.8084339 00
5.3500005 02	4.9709734-02	6.6819994 00	6.7317091 00
5.3700005 02	4.7684540-02	6.6378708 00	6.6855553 00
5.4000005 02	4.5629900-02	6.5762487 00	6.6218786 00
5.4300005 02	4.4635978-02	6.5184920 00	6.5631280 00
5.4500004 02	4.4561642-02	6.4813417 00	6.5259033 00
5.4800005 02	4.5444075-02	6.4264855 00	6.4719296 00
5.5000005 02	4.6841160-02	6.3897855 00	6.4366267 00
5.5300004 02	5.0632647-02	6.3330689 00	6.3837015 00
5.5500005 02	5.4822034-02	6.2930022 00	6.3478242 00
5.5700005 02	6.1135186-02	6.2498594 00	6.3109945 00
5.5900005 02	7.0948190-02	6.2019071 00	6.2728553 00
5.6000004 02	7.7972646-02	6.1753223 00	6.2532948 00
5.6100005 02	8.7199627-02	6.1463413 00	6.2335408 00
5.6200005 02	9.9697317-02	6.1142436 00	6.2139409 00
5.6300005 02	1.1733367-01	6.0780025 00	6.1953361 00
5.6400004 02	1.4366331-01	6.0361065 00	6.1797698 00
5.6500005 02	1.8625145-01	5.9863194 00	6.1725708 00
5.6600005 02	2.6405621-01	5.9255857 00	6.1896418 00
5.6700004 02	4.3918903-01	5.8531600 00	6.2923490 00
5.6750004 02	6.3614972-01	5.8214228 00	6.4575725 00
5.6800005 02	1.1068697 00	5.8468619 00	6.9537317 00

TABLE I (Continued)

T = 0.0253 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
5.6850005 02	2.7329350 00	6.2726707 00	9.0056057 00
5.6900005 02	8.3523233 00	8.4555480 00	1.6807872 01
5.6930005 02	1.4741235 01	1.1346731 01	2.6087966 01
5.6950005 02	1.9610988 01	1.3767223 01	3.3378210 01
5.6970004 02	2.3843444 01	1.6104363 01	3.9947807 01
5.6990005 02	2.6335177 01	1.7814649 01	4.4149825 01
5.7000005 02	2.6665416 01	1.8283312 01	4.4948729 01
5.7010004 02	2.6329337 01	1.8447536 01	4.4776874 01
5.7030005 02	2.3830426 01	1.7877413 01	4.1707839 01
5.7050004 02	1.9600220 01	1.6347994 01	3.5948215 01
5.7070005 02	1.4741542 01	1.4324174 01	2.9065715 01
5.7100004 02	8.3772996 00	1.1390549 01	1.9767849 01
5.7150004 02	2.7913043 00	8.4586734 00	1.1249978 01
5.7200005 02	1.1894849 00	7.4152206 00	8.6047055 00
5.7250005 02	7.4507777-01	7.0300107 00	7.7750884 00
5.7300005 02	5.7893337-01	6.8434771 00	7.4224104 00
5.7350005 02	5.0776691-01	6.7410706 00	7.2488375 00
5.7400005 02	4.8535591-01	6.6899220 00	7.1752779 00
5.7450004 02	4.9647497-01	6.6802156 00	7.1766904 00
5.7500004 02	5.3762993-01	6.7136213 00	7.2512512 00
5.7550005 02	6.1275864-01	6.8020940 00	7.4148527 00
5.7600005 02	7.3395861-01	6.9725190 00	7.7064776 00
5.7650005 02	9.2692385-01	7.2803905 00	8.2073143 00
5.7700005 02	1.2464427 00	7.8466697 00	9.0931124 00
5.7750005 02	1.8232435 00	8.9717218 00	1.0794965 01
5.7800004 02	3.0202891 00	1.1532792 01	1.4553081 01
5.7850004 02	5.8565095 00	1.8139895 01	2.3996404 01
5.7900005 02	1.2158337 01	3.3894600 01	4.6052937 01
5.7930005 02	1.7695090 01	4.8473469 01	6.6168558 01
5.7950005 02	2.1449335 01	5.8791758 01	8.0241093 01
5.7970003 02	2.4516520 01	6.7706540 01	9.2223060 01
5.7990005 02	2.6248105 01	7.3455227 01	9.9703332 01
5.8000005 02	2.6470755 01	7.4722272 01	1.0119303 02
5.8010003 02	2.6237154 01	7.4811868 01	1.0104902 02
5.8030005 02	2.4486642 01	7.1573831 01	9.6060472 01
5.8050005 02	2.1407589 01	6.4626547 01	8.6034136 01
5.8070004 02	1.7649518 01	5.5557900 01	7.3207418 01
5.8100005 02	1.2116512 01	4.1570821 01	5.3687334 01
5.8150004 02	5.8230183 00	2.4825297 01	3.0648315 01
5.8200004 02	2.9855179 00	1.6792307 01	1.9777824 01
5.8250004 02	1.7823168 00	1.3158204 01	1.4940521 01
5.8300005 02	1.1972376 00	1.1281822 01	1.2479059 01
5.8350005 02	8.6733796-01	1.0167020 01	1.1034358 01
5.8400005 02	6.6130777-01	9.4372140 00	1.0098522 01
5.8500005 02	4.2614470-01	8.5516152 00	8.9777598 00
5.8600004 02	3.0113681-01	8.0413682 00	8.3425048 00
5.8700005 02	2.2645212-01	7.7128977 00	7.9393498 00
5.8800005 02	1.7812938-01	7.4848842 00	7.6630136 00
5.8900004 02	1.4499106-01	7.3176957 00	7.4626866 00
5.9000005 02	1.2123437-01	7.1898941 00	7.3111284 00
5.9200005 02	9.0118512-02	7.0070938 00	7.0972123 00
5.9500005 02	6.4346323-02	6.8328763 00	6.8972227 00
5.9700004 02	5.4045868-02	6.7527527 00	6.8067985 00
6.0000004 02	4.3846255-02	6.6627868 00	6.7066330 00
6.0500005 02	3.4063895-02	6.5585957 00	6.5926596 00
6.1000005 02	2.8607923-02	6.4851777 00	6.5137856 00
6.1500004 02	2.5262511-02	6.4286134 00	6.4538759 00
6.2000005 02	2.3093891-02	6.3822264 00	6.4053203 00
6.2500005 02	2.1656409-02	6.3423577 00	6.3640140 00
6.3000004 02	2.0721323-02	6.3067791 00	6.3275004 00
6.3500005 02	2.0169868-02	6.2739832 00	6.2941531 00
6.4000005 02	1.9947807-02	6.2428597 00	6.2628074 00
6.4500004 02	2.0047095-02	6.2124712 00	6.2325182 00

TABLE I (Continued)

T = 0.0253 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
6.5000005 02	2.0502995-02	6.1819561 00	6.2024591 00
6.5500004 02	2.1404537-02	6.1504043 00	6.1718089 00
6.6000005 02	2.2924039-02	6.1167321 00	6.1396561 00
6.6500005 02	2.5384125-02	6.0795514 00	6.1049355 00
6.7000004 02	2.9412574-02	6.0369289 00	6.0663415 00
6.7500005 02	3.6337277-02	5.9860871 00	6.0224244 00
6.7800004 02	4.3053648-02	5.9500355 00	5.9930891 00
6.8000005 02	4.9353005-02	5.9230789 00	5.9724319 00
6.8300005 02	6.3377949-02	5.8776845 00	5.9410625 00
6.8500004 02	7.7822595-02	5.8442484 00	5.9220710 00
6.8800005 02	1.1469356-01	5.7929957 00	5.9076893 00
6.9000005 02	1.6001748-01	5.7673780 00	5.9273954 00
6.9100005 02	1.9498421-01	5.7642562 00	5.9592403 00
6.9200004 02	2.4411490-01	5.7760397 00	6.0201545 00
6.9400005 02	4.2871558-01	5.9175670 00	6.3462825 00
6.9500005 02	6.1856547-01	6.1500957 00	6.7686611 00
6.9600004 02	9.7994844-01	6.7145514 00	7.6944998 00
6.9700005 02	1.8213711 00	8.3289459 00	1.0150317 01
6.9750005 02	2.7651750 00	1.0391515 01	1.3156690 01
6.9800005 02	4.7255242 00	1.5089241 01	1.9814765 01
6.9850005 02	9.1076781 00	2.6478915 01	3.5586593 01
6.9900005 02	1.7665238 01	5.0276929 01	6.7942167 01
6.9930005 02	2.4397945 01	7.0031362 01	9.4429307 01
6.9950004 02	2.8698905 01	8.3255610 01	1.1195451 02
6.9970005 02	3.2092853 01	9.4368218 01	1.2646107 02
6.9990005 02	3.3968375 01	1.0151105 02	1.3547942 02
7.0000004 02	3.4208043 01	1.0316474 02	1.3737279 02
7.0020003 02	3.3230707 01	1.0231141 02	1.3554211 02
7.0050005 02	2.8657886 01	9.1721520 01	1.2037941 02
7.0100005 02	1.7626302 01	6.2150886 01	7.9777188 01
7.0150005 02	9.0866342 00	3.7488020 01	4.6574653 01
7.0200005 02	4.7138026 00	2.4064636 01	2.8778439 01
7.0300004 02	1.8141398 00	1.4376513 01	1.6190653 01
7.0400005 02	9.7440599-01	1.1226392 01	1.2200798 01
7.0500005 02	6.1401590-01	9.7453873 00	1.0359403 01
7.0600005 02	4.2479871-01	8.9037499 00	9.3285484 00
7.0700004 02	3.1280748-01	8.3685268 00	8.6813343 00
7.0800005 02	2.4093690-01	8.0014548 00	8.2423917 00
7.0900005 02	1.9202732-01	7.7356448 00	7.9276721 00
7.1000005 02	1.5722255-01	7.5350874 00	7.6923099 00
7.1100004 02	1.3156538-01	7.3788149 00	7.5103802 00
7.1300005 02	9.6988561-02	7.1517852 00	7.2487737 00
7.1500005 02	7.5362891-02	6.9952850 00	7.0706478 00
7.1700005 02	6.0933955-02	6.8810528 00	6.9419867 00
7.2000005 02	4.6866922-02	6.7578585 00	6.8047254 00
7.2200004 02	4.0508300-02	6.6964215 00	6.7369298 00
7.2500004 02	3.3668885-02	6.6243026 00	6.6579715 00
7.2700005 02	3.0312762-02	6.5857684 00	6.6160811 00
7.3000005 02	2.6470177-02	6.5381043 00	6.5645744 00

TABLE II  
Mo CROSS SECTIONS

Mo Temperature = 0.05 ev

Neutron Energy, $E_n$ (ev)	Radiative Capture Cross Section, $\sigma_\gamma$ (barns)	Scattering Cross Section, $\sigma_S$ (barns)	Total Cross Section, $\sigma_T$ (barns)
2.5300005-02	2.7352036 00	5.5329616 00	8.2681653 00
4.0000008-02	2.1758195 00	5.5146516 00	7.6904712 00
5.0000009-02	1.9464262 00	5.5083281 00	7.4547544 00
7.0000008-02	1.6455619 00	5.5010668 00	7.1466286 00
1.0000005-01	1.3774434 00	5.4955564 00	6.8729999 00
2.0000005-01	9.7558021-01	5.4888517 00	6.4644319 00
5.0000005-01	6.2004813-01	5.4838056 00	6.1038537 00
1.0000005 00	4.4211186-01	5.4803937 00	5.9225056 00
2.0000005 00	3.1807187-01	5.4753446 00	5.7934164 00
5.0000005 00	2.1301782-01	5.4607556 00	5.6737735 00
1.0000005 01	1.6940372-01	5.4331646 00	5.6025683 00
2.0000005 01	1.7281837-01	5.3570861 00	5.5299045 00
2.5000005 01	2.0809110-01	5.3023040 00	5.5103951 00
3.0000005 01	2.9449325-01	5.2311811 00	5.5256743 00
3.2000005 01	3.6144668-01	5.1988458 00	5.5602923 00
3.4000005 01	4.6839925-01	5.1680626 00	5.6364618 00
3.5000005 01	5.4737243-01	5.1560903 00	5.7034627 00
3.6000005 01	6.5388959-01	5.1499311 00	5.8038206 00
3.7000005 01	8.0240838-01	5.1552126 00	5.9576210 00
3.8000005 01	1.0183832 00	5.1830480 00	6.2014312 00
3.9000005 01	1.3501201 00	5.2568296 00	6.6069497 00
4.0000005 01	1.8988099 00	5.4304553 00	7.3292650 00
4.1000005 01	2.9074636 00	5.8453533 00	8.7528170 00
4.1500005 01	3.7657610 00	6.2561712 00	1.0021932 01
4.2000005 01	5.0914700 00	6.9543063 00	1.2045777 01
4.2500005 01	7.3026684 00	8.2260409 00	1.5528709 01
4.2800005 01	9.4283629 00	9.5287049 00	1.8957068 01
4.3000005 01	1.1424109 01	1.0799995 01	2.2224104 01
4.3200005 01	1.4149441 01	1.2590636 01	2.6740076 01
4.3500005 01	2.0594219 01	1.6995001 01	3.7589219 01
4.3700005 01	2.7813043 01	2.2112547 01	4.9925591 01
4.3900005 01	3.9870525 01	3.0928101 01	7.0798626 01
4.4000005 01	4.9260597 01	3.7950810 01	8.7211407 01
4.4100005 01	6.2605814 01	4.8097817 01	1.1070363 02
4.4200004 01	8.2370598 01	6.3381973 01	1.4575257 02
4.4300005 01	1.1266054 02	8.7201927 01	1.9986246 02
4.4400005 01	1.5961011 02	1.2472116 02	2.8433127 02
4.4500005 01	2.3045154 02	1.8219165 02	4.1264319 02
4.4600004 01	3.2975908 02	2.6392754 02	5.9368662 02
4.4700005 01	4.5272585 02	3.6668803 02	8.1941389 02
4.4800005 01	5.7933192 02	4.7454495 02	1.0538769 03
4.4900005 01	6.7657491 02	5.6024532 02	1.2368203 03
4.5000005 01	7.1235870 02	5.9639979 02	1.3087585 03
4.5100005 01	6.7367740 02	5.7076737 02	1.2444448 03
4.5200005 01	5.7476522 02	4.9371845 02	1.0684837 03
4.5300005 01	4.4805194 02	3.9141793 02	8.3946987 02
4.5400005 01	3.2596664 02	2.9090579 02	6.1687242 02
4.5500005 01	2.2773092 02	2.0880066 02	4.3653157 02
4.5600005 01	1.5769495 02	1.4944260 02	3.0713755 02
4.5700004 01	1.1121988 02	1.0949180 02	2.2071168 02
4.5800005 01	8.1184467 01	8.3290177 01	1.6447464 02
4.5900005 01	6.1566753 01	6.5918398 01	1.2748515 02
4.6000005 01	4.8321961 01	5.4016544 01	1.0233850 02
4.6100004 01	3.9011329 01	4.5532008 01	8.4543337 01
4.6300005 01	2.7079358 01	3.4454355 01	6.1533712 01
4.6500005 01	1.9955571 01	2.7678158 01	4.7633729 01
4.6700005 01	1.5339449 01	2.3186420 01	3.8525869 01
4.7000005 01	1.0943149 01	1.8794942 01	2.9738091 01
4.7200004 01	8.9907732 00	1.6792115 01	2.5782888 01
4.7500005 01	6.9172182 00	1.4612336 01	2.1529554 01
4.7700005 01	5.9110235 00	1.3528024 01	1.9439048 01
4.8000005 01	4.7698540 00	1.2269359 01	1.7039213 01
4.8200005 01	4.1841087 00	1.1607930 01	1.5792039 01

TABLE II (Continued)

T = 0.05 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.8500005 01	3.4897459 00	1.0806197 01	1.4295943 01
4.9000005 01	2.6656434 00	9.8214093 00	1.2487053 01
4.9500005 01	2.1042373 00	9.1211989 00	1.1225436 01
5.0000005 01	1.7048195 00	8.6019839 00	1.0306804 01
5.1000005 01	1.1879863 00	7.8906244 00	9.0786106 00
5.2000004 01	8.7900536-01	7.4313975 00	8.3104027 00
5.3000005 01	6.8013766-01	7.1132099 00	7.7933476 00
5.4000005 01	5.4500758-01	6.8809037 00	7.4259112 00
5.5000005 01	4.4933599-01	6.7043046 00	7.1536405 00
5.7000005 01	3.2712864-01	6.4538273 00	6.7809558 00
6.0000005 01	2.3328083-01	6.2175383 00	6.4508191 00
6.2000005 01	2.0277399-01	6.1083973 00	6.3111713 00
6.4000005 01	1.9166379-01	6.0198199 00	6.2114836 00
6.5000005 01	1.9490062-01	5.9800500 00	6.1749506 00
6.6000005 01	2.0733632-01	5.9414223 00	6.1487586 00
6.7000005 01	2.3577320-01	5.9023227 00	6.1380959 00
6.8000005 01	2.9769185-01	5.8600729 00	6.1577648 00
6.8500005 01	3.5500955-01	5.8363117 00	6.1913212 00
6.9000005 01	4.4860254-01	5.8094111 00	6.2580136 00
6.9300005 01	5.3567494-01	5.7910553 00	6.3267302 00
6.9500005 01	6.1494157-01	5.7775752 00	6.3925168 00
6.9700005 01	7.1968008-01	5.7628734 00	6.4825535 00
6.9900004 01	8.6221581-01	5.7467272 00	6.6089429 00
7.0000005 01	9.5372328-01	5.7380527 00	6.6517760 00
7.0200005 01	1.1975496 00	5.7194472 00	6.9169967 00
7.0400005 01	1.5720934 00	5.6994858 00	7.2715792 00
7.0500005 01	1.8419978 00	5.6894869 00	7.5314847 00
7.0700004 01	2.6971398 00	5.6732981 00	8.3704379 00
7.0800005 01	3.4082370 00	5.6715554 00	9.0797922 00
7.0900005 01	4.4653508 00	5.6809327 00	1.0146284 01
7.1000005 01	6.0717556 00	5.7121581 00	1.1783914 01
7.1100003 01	8.5073580 00	5.7826339 00	1.4289992 01
7.1200005 01	1.2084505 01	5.9163198 00	1.8000824 01
7.1300005 01	1.7021146 01	6.1388924 00	2.3160039 01
7.1400004 01	2.3236285 01	6.4663372 00	2.9702622 01
7.1500005 01	3.0150752 01	6.8893750 00	3.7040128 01
7.1600003 01	3.6647573 01	7.3620391 00	4.4009611 01
7.1700005 01	4.1324615 01	7.8054437 00	4.9130059 01
7.1800005 01	4.2998691 01	8.1309399 00	5.1129631 01
7.1900005 01	4.1217822 01	8.2739539 00	4.9491776 01
7.2000005 01	3.6470089 01	8.2197490 00	4.4689838 01
7.2100003 01	2.9954449 01	8.0058029 00	3.7960251 01
7.2200004 01	2.3063516 01	7.7010126 00	3.0764528 01
7.2300005 01	1.6890572 01	7.3760200 00	2.4266593 01
7.2400003 01	1.1994072 01	7.0812738 00	1.9075346 01
7.2500005 01	8.4447575 00	6.8404212 00	1.5285179 01
7.2600005 01	6.0243372 00	6.6559114 00	1.2680249 01
7.2700005 01	4.4247786 00	6.5189258 00	1.0943705 01
7.2800005 01	3.3702710 00	6.4175916 00	9.7878626 00
7.2900004 01	2.6603289 00	6.3414204 00	9.0017493 00
7.3000005 01	2.1652862 00	6.2826333 00	8.4479195 00
7.3100003 01	1.8066124 00	6.2359537 00	8.0425661 00
7.3200005 01	1.5373676 00	6.1979150 00	7.7352825 00
7.3300005 01	1.3290639 00	6.1662157 00	7.4952797 00
7.3500005 01	1.0304764 00	6.1161174 00	7.1465937 00
7.3700005 01	8.2953492-01	6.0780126 00	6.9075475 00
7.4000005 01	6.3094930-01	6.0348756 00	6.6658249 00
7.4200005 01	5.3988557-01	6.0123100 00	6.5521955 00
7.4500005 01	4.4070701-01	5.9846376 00	6.4253446 00
7.4700004 01	3.9147500-01	5.9691993 00	6.3606742 00
7.5000005 01	3.3456752-01	5.9493164 00	6.2838839 00
7.5500005 01	2.6903692-01	5.9223688 00	6.1914057 00
7.6000005 01	2.2558733-01	5.9006197 00	6.1262070 00

TABLE II (Continued)

T = 0.05 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
7.7000004 01	1.7305454-01	5.8664995 00	6.0395540 00
7.8000005 01	1.4344742-01	5.8397767 00	5.9832242 00
7.9000005 01	1.2496167-01	5.8174036 00	5.9423653 00
8.0000005 01	1.1256236-01	5.7978564 00	5.9104187 00
8.2000005 01	9.7376434-02	5.7641090 00	5.8614854 00
8.4000005 01	8.8809064-02	5.7347849 00	5.8235940 00
8.6000005 01	8.3668451-02	5.7081265 00	5.7917950 00
8.8000005 01	8.0597516-02	5.6831323 00	5.7637298 00
9.0000005 01	7.8947490-02	5.6591462 00	5.7380937 00
9.2000005 01	7.8390368-02	5.6356886 00	5.7140790 00
9.5000005 01	7.9280188-02	5.6006408 00	5.6799210 00
9.8000005 01	8.2140985-02	5.5647400 00	5.6468811 00
1.0000005 02	8.5200657-02	5.5399826 00	5.6251832 00
1.0500005 02	9.8203417-02	5.4712557 00	5.5694591 00
1.1000005 02	1.2323850-01	5.3873002 00	5.5105387 00
1.1500005 02	1.7388372-01	5.2761139 00	5.4499975 00
1.2000005 02	2.9434995-01	5.1161084 00	5.4104583 00
1.2200005 02	3.9349405-01	5.0313215 00	5.4248155 00
1.2300005 02	4.6634136-01	4.9838026 00	5.4501439 00
1.2400005 02	5.6425398-01	4.9334874 00	5.4977413 00
1.2500005 02	7.0023276-01	4.8822301 00	5.5824628 00
1.2600005 02	8.9699626-01	4.8348011 00	5.7317973 00
1.2700005 02	1.1972554 00	4.8030458 00	6.0003013 00
1.2800005 02	1.6894082 00	4.8175417 00	6.5069499 00
1.2900005 02	2.5824711 00	4.9651975 00	7.5476686 00
1.2950005 02	3.3330949 00	5.1616593 00	8.4947542 00
1.3000005 02	4.4798297 00	5.5406378 00	1.0020467 01
1.3050005 02	6.3682978 00	6.2968501 00	1.2665148 01
1.3080005 02	8.1656377 00	7.1153787 00	1.5281017 01
1.3100005 02	9.8444540 00	7.9400643 00	1.7784518 01
1.3130005 02	1.3609641 01	9.9374742 00	2.3547115 01
1.3150005 02	1.7587354 01	1.2205151 01	2.9792505 01
1.3180005 02	2.8430796 01	1.8897315 01	4.7328111 01
1.3200005 02	4.2844765 01	2.8442966 01	7.1287732 01
1.3230005 02	9.0516419 01	6.2135209 01	1.5265163 02
1.3250005 02	1.5232581 02	1.0790184 02	2.6022765 02
1.3270005 02	2.4046985 02	1.7548054 02	4.1595040 02
1.3280005 02	2.8934496 02	2.1404277 02	5.0338773 02
1.3290005 02	3.3573731 02	2.5159744 02	5.8733474 02
1.3300005 02	3.7422937 02	2.8397617 02	6.5820554 02
1.3310005 02	3.9967922 02	3.0707501 02	7.0675423 02
1.3320005 02	4.0839432 02	3.1776575 02	7.2616008 02
1.3330005 02	3.9907327 02	3.1467124 02	7.1374451 02
1.3340005 02	3.7313369 02	2.9849304 02	6.7162672 02
1.3350005 02	3.3434345 02	2.7180752 02	6.0615097 02
1.3360005 02	2.8786954 02	2.3839171 02	5.2626124 02
1.3370005 02	2.3908911 02	2.0232925 02	4.4141835 02
1.3380005 02	1.9256060 02	1.6720073 02	3.5976134 02
1.3390005 02	1.5140172 02	1.3556195 02	2.8696368 02
1.3400005 02	1.1714658 02	1.0878370 02	2.2593028 02
1.3420005 02	6.9291548 01	7.0455410 01	1.3974696 02
1.3450005 02	3.4320715 01	4.1180768 01	7.5501482 01
1.3470005 02	2.3643292 01	3.1737960 01	5.5381252 01
1.3500005 02	1.5218783 01	2.3906293 01	3.9125076 01
1.3520005 02	1.1972815 01	2.0740393 01	3.2713208 01
1.3550005 02	8.8029981 00	1.7525205 01	2.6328204 01
1.3570005 02	7.3574254 00	1.6002424 01	2.3359850 01
1.3600005 02	5.7862440 00	1.4290590 01	2.0076833 01
1.3650005 02	4.1070936 00	1.2367426 01	1.6474519 01
1.3700005 02	3.0718933 00	1.1107945 01	1.4179838 01
1.3750005 02	2.3872745 00	1.0226713 01	1.2613988 01
1.3800005 02	1.9104985 00	9.5795608 00	1.1490059 01
1.3850005 02	1.5649777 00	9.0863666 00	1.0651344 01

TABLE II (Continued)

T = 0.05 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
1.3900005 02	1.3064950 00	8.6992664 00	1.0005761 01
1.3950005 02	1.1080604 00	8.3881361 00	9.4961964 00
1.4000005 02	9.5240771-01	8.1330902 00	9.0854978 00
1.4100005 02	7.2716054-01	7.7407660 00	8.4679265 00
1.4200005 02	5.7510199-01	7.4538944 00	8.0289963 00
1.4300005 02	4.6770844-01	7.2354070 00	7.7031154 00
1.4400005 02	3.8913093-01	7.0635924 00	7.4527233 00
1.4500005 02	3.2999259-01	6.9249416 00	7.2549341 00
1.4600005 02	2.8445939-01	6.8106027 00	7.0950620 00
1.4800005 02	2.2037807-01	6.6326658 00	6.8530439 00
1.5000005 02	1.7920645-01	6.4995669 00	6.6787733 00
1.5200005 02	1.5269774-01	6.3945961 00	6.5472938 00
1.5400005 02	1.3767691-01	6.3071591 00	6.4448360 00
1.5500005 02	1.3479422-01	6.2673375 00	6.4021317 00
1.5700005 02	1.4476983-01	6.1892790 00	6.3340489 00
1.5800005 02	1.6731883-01	6.1467228 00	6.3140417 00
1.5850005 02	1.8933519-01	6.1226641 00	6.3119993 00
1.5900005 02	2.2589281-01	6.0951779 00	6.3210707 00
1.5920005 02	2.4730621-01	6.0827595 00	6.3300656 00
1.5950005 02	2.9142730-01	6.0619345 00	6.3533617 00
1.5970005 02	3.3294366-01	6.0461361 00	6.3790797 00
1.5990005 02	3.8993644-01	6.0282921 00	6.4182285 00
1.6000005 02	4.2699154-01	6.0184181 00	6.4454096 00
1.6020005 02	5.2880092-01	5.9963434 00	6.5251443 00
1.6040005 02	6.9691056-01	5.9707901 00	6.6677008 00
1.6050005 02	8.2702863-01	5.9568420 00	6.7838707 00
1.6070005 02	1.2708581 00	5.9290891 00	7.1999471 00
1.6090005 02	2.1959328 00	5.9124057 00	8.1083385 00
1.6100005 02	2.9723242 00	5.9165612 00	8.8888854 00
1.6110005 02	4.0447083 00	5.9363191 00	9.9810274 00
1.6120005 02	5.4700675 00	5.9785974 00	1.1448665 01
1.6130005 02	7.2765881 00	6.0503566 00	1.3326945 01
1.6140005 02	9.4410015 00	6.1570496 00	1.5598051 01
1.6150005 02	1.1869196 01	6.3005653 00	1.8169761 01
1.6160005 02	1.4389243 01	6.4774103 00	2.0866653 01
1.6170005 02	1.6762995 01	6.6776231 00	2.3440618 01
1.6180005 02	1.8720185 01	6.8852596 00	2.5605445 01
1.6190005 02	2.0008997 01	7.0804696 00	2.7089467 01
1.6200005 02	2.0451116 01	7.2431472 00	2.7694264 01
1.6210005 02	1.9983627 01	7.3568985 00	2.7340526 01
1.6220005 02	1.8674205 01	7.4123843 00	2.6086589 01
1.6230005 02	1.6704455 01	7.4089151 00	2.4113370 01
1.6240005 02	1.4327205 01	7.3538772 00	2.1681082 01
1.6250005 02	1.1811278 01	7.2603386 00	1.9071617 01
1.6260005 02	9.3922767 00	7.1438353 00	1.6536112 01
1.6270005 02	7.2387011 00	7.0191269 00	1.4257828 01
1.6280005 02	5.4422856 00	6.8980209 00	1.2340307 01
1.6290005 02	4.0246884 00	6.7883086 00	1.0812997 01
1.6300005 02	2.9572861 00	6.6938355 00	9.6511216 00
1.6310005 02	2.1833796 00	6.6153618 00	8.7987414 00
1.6330005 02	1.2587181 00	6.5004272 00	7.7591453 00
1.6350005 02	8.1311880-01	6.4258274 00	7.2389462 00
1.6370005 02	5.8568335-01	6.3752163 00	6.9608996 00
1.6400005 02	4.0928355-01	6.3234125 00	6.7326960 00
1.6420005 02	3.4011093-01	6.2980322 00	6.6381431 00
1.6450005 02	2.7063275-01	6.2680171 00	6.5386498 00
1.6470005 02	2.3806684-01	6.2516925 00	6.4897593 00
1.6500005 02	2.0183750-01	6.2310294 00	6.4328669 00
1.6550005 02	1.6181733-01	6.2035542 00	6.3653715 00
1.6600005 02	1.3615861-01	6.1817338 00	6.3178924 00
1.6650005 02	1.1854449-01	6.1636000 00	6.2821445 00
1.6700005 02	1.0581445-01	6.1480323 00	6.2538466 00
1.6800005 02	8.8783821-02	6.1220605 00	6.2108443 00



TABLE II (Continued)

T = 0.05 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
1.6900005 02	7.7962878-02	6.1006386 00	6.1786014 00
1.7000005 02	7.0465590-02	6.0822040 00	6.1526695 00
1.7200005 02	6.0645406-02	6.0511779 00	6.1118234 00
1.7500005 02	5.1949830-02	6.0136937 00	6.0656435 00
1.7700005 02	4.8066928-02	5.9925871 00	6.0406540 00
1.8000005 02	4.3749075-02	5.9649191 00	6.0086682 00
1.8500005 02	3.8813899-02	5.9262425 00	5.9650565 00
1.9000005 02	3.5452709-02	5.8939068 00	5.9293595 00
1.9500005 02	3.3013900-02	5.8659222 00	5.8989361 00
2.0000005 02	3.1177328-02	5.8410678 00	5.8722451 00
2.0500005 02	2.9712669-02	5.8181414 00	5.8478541 00
2.1000005 02	2.8623193-02	5.7973764 00	5.8259995 00
2.2000005 02	2.7104298-02	5.7592739 00	5.7863781 00
2.3000005 02	2.6235293-02	5.7237768 00	5.7500121 00
2.4000005 02	2.5895459-02	5.6890678 00	5.7149632 00
2.4500005 02	2.5924638-02	5.6714908 00	5.6974154 00
2.5000005 02	2.6107979-02	5.6534630 00	5.6795710 00
2.5500005 02	2.6484026-02	5.6347236 00	5.6612076 00
2.6000005 02	2.7127186-02	5.6149386 00	5.6420657 00
2.6500005 02	2.8186802-02	5.5934994 00	5.6216862 00
2.7000005 02	2.9997513-02	5.5695542 00	5.5995517 00
2.7300005 02	3.1761720-02	5.5533202 00	5.5850819 00
2.7500005 02	3.3442273-02	5.5413471 00	5.5747894 00
2.7700005 02	3.5783871-02	5.5280868 00	5.5638707 00
2.7900005 02	3.9213131-02	5.5130532 00	5.5522663 00
2.8000005 02	4.1572760-02	5.5046221 00	5.5461948 00
2.8200005 02	4.8509625-02	5.4851786 00	5.5336881 00
2.8400005 02	6.1165997-02	5.4604418 00	5.5216077 00
2.8600005 02	8.8603095-02	5.4261291 00	5.5147323 00
2.8700005 02	1.1665192-01	5.4026150 00	5.5192669 00
2.8800005 02	1.6990782-01	5.3720457 00	5.5149535 00
2.8850005 02	2.1713263-01	5.3531933 00	5.5103259 00
2.8900005 02	2.9405305-01	5.3318182 00	5.5058712 00
2.8950005 02	4.3658877-01	5.3103180 00	5.5019067 00
2.9000005 02	7.8643781-01	5.3112697 00	6.0977075 00
2.9030005 02	1.3358806 00	5.3769006 00	6.7127812 00
2.9050005 02	2.0698103 00	5.5081337 00	7.5779440 00
2.9070005 02	3.3413773 00	5.7823092 00	9.1236864 00
2.9090005 02	5.4060749 00	6.2857759 00	1.1691851 01
2.9100005 02	6.7992434 00	6.6495201 00	1.3448763 01
2.9120005 02	1.0312080 01	7.6252499 00	1.7937330 01
2.9140005 02	1.4515055 01	8.8855872 00	2.3400642 01
2.9150005 02	1.6663227 01	9.5717016 00	2.6234928 01
2.9160005 02	1.8680902 01	1.0250826 01	2.8931728 01
2.9170005 02	2.0433532 01	1.0882858 01	3.1316390 01
2.9180005 02	2.1792474 01	1.1426645 01	3.3219120 01
2.9190005 02	2.2651338 01	1.1844854 01	3.4496191 01
2.9200005 02	2.2940422 01	1.2108735 01	3.5049157 01
2.9210005 02	2.2635729 01	1.2201631 01	3.4837359 01
2.9220005 02	2.1762932 01	1.2121215 01	3.3884146 01
2.9230005 02	2.0393357 01	1.1879364 01	3.2272722 01
2.9240005 02	1.8634364 01	1.1500328 01	3.0134692 01
2.9250005 02	1.6614238 01	1.1017006 01	2.7631244 01
2.9260005 02	1.4467945 01	1.0466879 01	2.4934823 01
2.9280005 02	1.0276654 01	9.3111782 00	1.9587832 01
2.9300005 02	6.7785079 00	8.2695131 00	1.5048022 01
2.9320005 02	4.2502726 00	7.4614048 00	1.1711678 01
2.9350005 02	2.0676744 00	6.6954960 00	8.7631704 00
2.9370004 02	1.3346868 00	6.4048905 00	7.7395773 00
2.9400005 02	7.8495150-01	6.1543709 00	6.9393223 00
2.9450005 02	4.3501294-01	5.9538995 00	6.3889125 00
2.9500005 02	2.9297354-01	5.8503437 00	6.1433173 00
2.9550005 02	2.1658062-01	5.7846431 00	6.0012237 00

TABLE II (Continued)

T = 0.05 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
2.9600005 02	1.6982415-01	5.7384945 00	5.9083187 00
2.9700005 02	1.1736811-01	5.6768836 00	5.7942517 00
2.9800005 02	9.0007822-02	5.6366570 00	5.7266648 00
2.9900005 02	7.3957678-02	5.6075336 00	5.6814912 00
3.0000005 02	6.3786163-02	5.5849119 00	5.6486980 00
3.0100005 02	5.6983535-02	5.5663964 00	5.6233799 00
3.0300005 02	4.8880233-02	5.5367856 00	5.5856658 00
3.0500005 02	4.4624908-02	5.5128672 00	5.5574921 00
3.0700005 02	4.2338453-02	5.4920547 00	5.5343932 00
3.1000005 02	4.0910460-02	5.4638913 00	5.5048017 00
3.1200005 02	4.0776443-02	5.4461539 00	5.4869304 00
3.1500005 02	4.1396724-02	5.4200875 00	5.4614842 00
3.1700005 02	4.2251564-02	5.4027081 00	5.4449597 00
3.2000005 02	4.4127539-02	5.3761611 00	5.4202886 00
3.2500005 02	4.8906858-02	5.3295579 00	5.3784647 00
3.3000005 02	5.6311970-02	5.2786100 00	5.3349219 00
3.3300005 02	6.2557633-02	5.2454580 00	5.3080156 00
3.3500005 02	6.7769960-02	5.2222071 00	5.2899769 00
3.3800005 02	7.7738024-02	5.1857090 00	5.2634470 00
3.4000005 02	8.6318210-02	5.1605332 00	5.2468515 00
3.4300005 02	1.0342585-01	5.1225488 00	5.2259747 00
3.4500005 02	1.1890211-01	5.0983955 00	5.2172976 00
3.4700005 02	1.3922354-01	5.0772643 00	5.2164878 00
3.4900005 02	1.6665121-01	5.0626774 00	5.2293286 00
3.5000005 02	1.8411750-01	5.0597365 00	5.2438540 00
3.5200005 02	2.3007239-01	5.0693688 00	5.2994413 00
3.5400005 02	2.9879936-01	5.1169958 00	5.4157952 00
3.5500005 02	3.4674794-01	5.1667078 00	5.5134557 00
3.5700005 02	4.8954156-01	5.3673425 00	5.8568840 00
3.5800005 02	5.9942474-01	5.5584416 00	6.1578663 00
3.5900005 02	7.5351443-01	5.8622155 00	6.6157299 00
3.6000005 02	9.7936517-01	6.3598999 00	7.3392650 00
3.6100005 02	1.3301112 00	7.2145052 00	8.5446164 00
3.6200005 02	1.9197540 00	8.7898960 00	1.0709650 01
3.6300005 02	3.0330340 00	1.2032264 01	1.5065299 01
3.6350005 02	4.0098814 00	1.5047545 01	1.9057426 01
3.6400005 02	5.5720666 00	2.0072386 01	2.5644453 01
3.6450005 02	8.3094070 00	2.9256155 01	3.7565563 01
3.6500005 02	1.3620195 01	4.7853031 01	6.1473227 01
3.6550005 02	2.4340130 01	8.6958795 01	1.1129892 02
3.6580005 02	3.4704400 01	1.2590582 02	1.6061022 02
3.6600005 02	4.3232453 01	1.5859093 02	2.0182339 02
3.6620005 02	5.2521261 01	1.9484389 02	2.4736514 02
3.6640004 02	6.1675901 01	2.3139424 02	2.9307014 02
3.6650005 02	6.5838820 01	2.4840613 02	3.1424495 02
3.6660005 02	6.9514986 01	2.6376098 02	3.3327596 02
3.6670005 02	7.2553019 01	2.7685849 02	3.4941151 02
3.6680005 02	7.4820708 01	2.8716134 02	3.6198204 02
3.6700005 02	7.6672570 01	2.9778728 02	3.7445985 02
3.6720004 02	7.4733020 01	2.9395513 02	3.6868815 02
3.6730005 02	7.2427061 01	2.8681716 02	3.5924422 02
3.6750005 02	6.5657614 01	2.6385241 02	3.2951002 02
3.6770004 02	5.6979812 01	2.3282794 02	2.8980776 02
3.6800005 02	4.3041520 01	1.8123408 02	2.2427560 02
3.6820005 02	3.4540584 01	1.4899359 02	1.8353417 02
3.6850005 02	2.4219913 01	1.0908144 02	1.3330136 02
3.6900005 02	1.3548014 01	6.6639907 01	8.0187921 01
3.6950005 02	8.2576560 00	4.4826262 01	5.3083918 01
3.7000005 02	5.5305851 00	3.3180066 01	3.8710651 01
3.7050005 02	3.9750380 00	2.6319922 01	3.0294960 01
3.7100005 02	3.0031498 00	2.1906224 01	2.4909374 01
3.7150005 02	2.3534647 00	1.8873842 01	2.1227307 01
3.7200005 02	1.8968305 00	1.6686248 01	1.8583078 01

TABLE II (Continued)

T = 0.05 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
3.7300005 02	1.3119442 00	1.3782695 01	1.5094639 01
3.7400005 02	9.6472403-01	1.1974628 01	1.2939351 01
3.7500005 02	7.4165183-01	1.0758619 01	1.1500270 01
3.7600005 02	5.8985427-01	9.8935679 00	1.0483423 01
3.7800005 02	4.0252498-01	8.7577950 00	9.1603199 00
3.8000005 02	2.9598224-01	8.0533895 00	8.3493717 00
3.8200005 02	2.3003507-01	7.5768938 00	7.8069288 00
3.8400005 02	1.8682966-01	7.2333102 00	7.4201399 00
3.8500005 02	1.7079279-01	7.0948065 00	7.2655993 00
3.8700005 02	1.4647415-01	6.8643206 00	7.0107947 00
3.8900005 02	1.2983641-01	6.6785896 00	6.8084261 00
3.9000005 02	1.2377711-01	6.5978487 00	6.7216257 00
3.9100005 02	1.1904368-01	6.5233407 00	6.6423843 00
3.9200005 02	1.1558284-01	6.4539340 00	6.5695168 00
3.9300005 02	1.1341060-01	6.3886260 00	6.5020366 00
3.9400005 02	1.1262773-01	6.3264856 00	6.4391133 00
3.9500005 02	1.1345052-01	6.2666062 00	6.3800567 00
3.9600005 02	1.1626980-01	6.2080411 00	6.3243109 00
3.9700005 02	1.2176455-01	6.1497252 00	6.2714898 00
3.9800005 02	1.3112720-01	6.0903409 00	6.2214680 00
3.9900005 02	1.4654721-01	6.0280891 00	6.1746363 00
4.0000005 02	1.7235170-01	5.9603048 00	6.1326565 00
4.0100005 02	2.1808751-01	5.8826070 00	6.1006945 00
4.0200005 02	3.0875521-01	5.7870426 00	6.0957978 00
4.0250005 02	3.9212152-01	5.7281618 00	6.1202833 00
4.0300005 02	5.3467890-01	5.6583124 00	6.1929913 00
4.0330005 02	6.8336879-01	5.6111747 00	6.2945434 00
4.0350005 02	8.3811537-01	5.5795369 00	6.4176522 00
4.0380005 02	1.2481574 00	5.5430491 00	6.7912064 00
4.0400005 02	1.7557334 00	5.5437231 00	7.2994564 00
4.0430005 02	3.2412179 00	5.6501823 00	8.8914002 00
4.0450005 02	5.0516481 00	5.8626023 00	1.0914250 01
4.0480005 02	9.6544581 00	6.5612951 00	1.6215753 01
4.0500005 02	1.4198169 01	7.3700180 00	2.1568186 01
4.0520005 02	1.9748774 01	8.4701142 00	2.8218888 01
4.0540005 02	2.5721747 01	9.7881882 00	3.5509935 01
4.0550005 02	2.8581001 01	1.0480507 01	3.9061508 01
4.0560005 02	3.1172594 01	1.1159018 01	4.2331613 01
4.0570005 02	3.3360939 01	1.1793810 01	4.5154749 01
4.0580005 02	3.5021452 01	1.2354599 01	4.7376051 01
4.0590005 02	3.6055926 01	1.2813872 01	4.8869798 01
4.0600005 02	3.6402083 01	1.3149470 01	4.9551553 01
4.0610005 02	3.6037811 01	1.3346246 01	4.9384056 01
4.0620005 02	3.4986631 01	1.3397818 01	4.8384449 01
4.0630005 02	3.3312197 01	1.3306687 01	4.6618884 01
4.0640005 02	3.1114249 01	1.3083945 01	4.4198195 01
4.0650005 02	2.8517001 01	1.2747821 01	4.1264822 01
4.0660005 02	2.5656619 01	1.2321537 01	3.7978156 01
4.0680005 02	1.9691778 01	1.1303854 01	3.0995632 01
4.0700005 02	1.4157125 01	1.0233258 01	2.4390383 01
4.0720005 02	9.6297077 00	9.2635859 00	1.8893294 01
4.0750005 02	5.0428401 00	8.1566561 00	1.3199497 01
4.0770004 02	3.2365097 00	7.6560093 00	1.0892519 01
4.0800005 02	1.7514956 00	7.1742136 00	8.9257092 00
4.0850005 02	8.3148802-01	6.7717746 00	7.6032627 00
4.0900005 02	5.2679634-01	6.5716464 00	7.0984427 00
4.0950005 02	3.8356344-01	6.4461004 00	6.8296638 00
4.1000005 02	2.9954850-01	6.3561547 00	6.6557032 00
4.1100005 02	2.0740975-01	6.2309099 00	6.4383197 00
4.1200005 02	1.5998779-01	6.1437855 00	6.3037732 00
4.1300005 02	1.3230914-01	6.0767141 00	6.2090233 00
4.1400005 02	1.1483171-01	6.0215590 00	6.1363906 00
4.1500005 02	1.0322012-01	5.9740363 00	6.0772564 00

TABLE II (Continued)

T = 0.05 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.1600005 02	9.5265805-02	5.9316832 00	6.0269490 00
4.1700005 02	8.9749431-02	5.8929319 00	5.9826813 00
4.1800005 02	8.5958411-02	5.8567369 00	5.9426952 00
4.1900005 02	8.3460553-02	5.8223592 00	5.9058197 00
4.2000005 02	8.1990326-02	5.7892198 00	5.8712101 00
4.2200005 02	8.1569431-02	5.7249807 00	5.8065501 00
4.2400005 02	8.4214970-02	5.6610958 00	5.7453108 00
4.2500005 02	8.6773551-02	5.6284593 00	5.7152328 00
4.2700005 02	9.5046559-02	5.5599920 00	5.6550385 00
4.2800005 02	1.0129967-01	5.5232715 00	5.6245712 00
4.2900005 02	1.0957263-01	5.4841108 00	5.5936833 00
4.3000005 02	1.2064670-01	5.4417263 00	5.5623729 00
4.3100005 02	1.3578517-01	5.3950514 00	5.5308366 00
4.3200005 02	1.5712747-01	5.3425882 00	5.4997156 00
4.3300005 02	1.8853430-01	5.2821847 00	5.4707189 00
4.3400005 02	2.3758080-01	5.2106212 00	5.4482019 00
4.3500005 02	3.2098682-01	5.1230119 00	5.4439987 00
4.3600005 02	4.8287250-01	5.0125876 00	5.4954600 00
4.3700005 02	8.8832772-01	4.8811499 00	5.7694776 00
4.3750005 02	1.4473871 00	4.8564074 00	6.3037944 00
4.3800005 02	3.0966907 00	5.1254818 00	8.2221725 00
4.3830005 02	5.5767236 00	5.7959405 00	1.1372664 01
4.3850005 02	8.4180928 00	6.6983191 00	1.5116412 01
4.3880005 02	1.5187942 01	9.1053480 00	2.4293291 01
4.3900005 02	2.1514690 01	1.1550034 01	3.3064723 01
4.3920005 02	2.8955249 01	1.4610356 01	4.3565605 01
4.3940005 02	3.6718960 01	1.8026028 01	5.4744988 01
4.3950005 02	4.0366177 01	1.9732853 01	6.0099030 01
4.3970005 02	4.6383132 01	2.2808330 01	6.9191461 01
4.3980005 02	4.8451792 01	2.4040259 01	7.2492052 01
4.3990004 02	4.9735855 01	2.4988801 01	7.4724656 01
4.4000005 02	5.0164215 01	2.5610072 01	7.5774286 01
4.4010005 02	4.9713393 01	2.5878272 01	7.5591665 01
4.4020005 02	4.8408568 01	2.5787102 01	7.4195669 01
4.4030005 02	4.6322098 01	2.5350420 01	7.1672517 01
4.4050005 02	4.0284563 01	2.3585137 01	6.3869699 01
4.4060005 02	3.6635060 01	2.2362006 01	5.8997065 01
4.4080005 02	2.8879619 01	1.9546698 01	4.8426317 01
4.4100005 02	2.1458588 01	1.6640917 01	3.8099505 01
4.4120004 02	1.5154189 01	1.4015711 01	2.9169900 01
4.4150005 02	8.4093124 00	1.0999200 01	1.9408513 01
4.4170005 02	5.5767820 00	9.6249555 00	1.5201737 01
4.4200005 02	3.1014319 00	8.3071036 00	1.1408536 01
4.4250005 02	1.4525216 00	7.2521139 00	8.7046354 00
4.4300005 02	8.9455811-01	6.7779715 00	7.6725296 00
4.4350005 02	6.3947327-01	6.5046801 00	7.1441534 00
4.4400005 02	4.9328242-01	6.3196888 00	6.8129711 00
4.4450005 02	3.9963428-01	6.1832553 00	6.5828895 00
4.4500005 02	3.3570770-01	6.0770356 00	6.4127432 00
4.4600005 02	2.5655701-01	5.9192093 00	6.1757663 00
4.4700005 02	2.1181449-01	5.8040667 00	6.0158811 00
4.4800005 02	1.8484402-01	5.7133200 00	5.8981640 00
4.4900005 02	1.6813760-01	5.6376636 00	5.8058012 00
4.5000005 02	1.5789846-01	5.5718445 00	5.7297429 00
4.5200005 02	1.4940114-01	5.4579750 00	5.6073761 00
4.5500005 02	1.5494655-01	5.3089101 00	5.4638567 00
4.5700005 02	1.6780262-01	5.2148144 00	5.3826169 00
4.6000005 02	2.6017904-01	5.0741610 00	5.2759514 00
4.6300005 02	2.6109340-01	4.9323795 00	5.1934728 00
4.6400005 02	2.8948679-01	4.8861024 00	5.1755891 00
4.6500005 02	3.2409023-01	4.8417181 00	5.1658082 00
4.6600005 02	3.6670120-01	4.8008975 00	5.1675987 00
4.6800005 02	4.8720700-01	4.7425174 00	5.2297244 00

TABLE II (Continued)

T = 0.05 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.7000005 02	6.8914370-01	4.7609679 00	5.4501116 00
4.7100005 02	8.4543361-01	4.8368991 00	5.6823326 00
4.7200005 02	1.0655735 00	5.0034499 00	6.0690234 00
4.7300005 02	1.3900260 00	5.3361503 00	6.7261764 00
4.7400005 02	1.8978683 00	5.9934470 00	7.8913154 00
4.7500005 02	2.7625427 00	7.3474306 00	1.0109973 01
4.7550005 02	3.4467292 00	8.5530558 00	1.1999785 01
4.7600005 02	4.4357555 00	1.0435759 01	1.4871514 01
4.7650005 02	5.9545987 00	1.3551187 01	1.9505786 01
4.7700005 02	8.5008052 00	1.9178267 01	2.7679073 01
4.7750005 02	1.3307512 01	3.0627737 01	4.3935249 01
4.7800005 02	2.3406985 01	5.6418920 01	7.9825905 01
4.7830005 02	3.4301876 01	8.5528134 01	1.1983001 02
4.7850005 02	4.4432309 01	1.1329368 02	1.5772599 02
4.7880005 02	6.4360518 01	1.6928859 02	2.3364910 02
4.7900005 02	8.0320736 01	2.1524343 02	2.9556417 02
4.7930005 02	1.0564918 02	2.9031231 02	3.9596148 02
4.7950005 02	1.2093471 02	3.3743687 02	4.5837159 02
4.7970005 02	1.3259834 02	3.7543080 02	5.0802914 02
4.7980005 02	1.3650403 02	3.8928023 02	5.2578427 02
4.7990005 02	1.3890133 02	3.9897809 02	5.3787941 02
4.8000005 02	1.3969079 02	4.0416804 02	5.4385882 02
4.8010005 02	1.3884034 02	4.0468173 02	5.4352207 02
4.8030005 02	1.3242707 02	3.9197237 02	5.2439945 02
4.8050005 02	1.2068601 02	3.6323531 02	4.8392132 02
4.8070005 02	1.0536666 02	3.2310244 02	4.2846910 02
4.8100005 02	8.0057138 01	2.5380637 02	3.3386351 02
4.8130005 02	5.6908658 01	1.8816448 02	2.4507314 02
4.8150005 02	4.4277447 01	1.5145734 02	1.9573480 02
4.8200005 02	2.3327367 01	8.8691041 01	1.1201841 02
4.8250005 02	1.3254940 01	5.6990657 01	7.0245597 01
4.8300005 02	8.4579529 00	4.1068423 01	4.9526375 01
4.8350005 02	5.9177083 00	3.2197690 01	3.8115398 01
4.8400005 02	4.4036084 00	2.6667762 01	3.1071371 01
4.8500005 02	2.7375065 00	2.0236066 01	2.2973572 01
4.8600005 02	1.8778574 00	1.6672385 01	1.8550242 01
4.8700005 02	1.3738133 00	1.4441860 01	1.5815673 01
4.8800005 02	1.0524383 00	1.2929284 01	1.3981722 01
4.8900005 02	8.3493666-01	1.1843006 01	1.2677943 01
4.9000005 02	6.8103665-01	1.1028321 01	1.1709357 01
4.9200005 02	4.8365891-01	9.8916603 00	1.0375319 01
4.9400005 02	3.6815082-01	9.1364555 00	9.5046062 00
4.9500005 02	3.2849828-01	8.8453462 00	9.1738445 00
4.9800005 02	2.5497282-01	8.1796372 00	8.4346100 00
5.0000005 02	2.3497059-01	7.8418882 00	8.0768588 00
5.0100005 02	2.3382562-01	7.6907257 00	7.9245513 00
5.0200005 02	2.4037748-01	7.5461308 00	7.7865082 00
5.0300005 02	2.5793315-01	7.4039623 00	7.6618954 00
5.0400005 02	2.9342284-01	7.2592278 00	7.5526506 00
5.0500005 02	3.6268994-01	7.1053548 00	7.4680447 00
5.0600005 02	5.0890167-01	6.9338157 00	7.4427173 00
5.0700005 02	9.1048357-01	6.7498294 00	7.6603130 00
5.0750005 02	1.5262425 00	6.7278529 00	8.2540954 00
5.0800005 02	3.3737074 00	7.0964095 00	1.0470117 01
5.0850005 02	8.7637403 00	8.8758967 00	1.7639637 01
5.0880005 02	1.4949332 01	1.1294452 01	2.6243783 01
5.0900005 02	2.0372313 01	1.3592947 01	3.3965259 01
5.0930005 02	2.9577386 01	1.7820507 01	4.7397893 01
5.0950005 02	3.5407532 01	2.0763809 01	5.6171341 01
5.0970005 02	3.9971991 01	2.3356818 01	6.3328809 01
5.0980005 02	4.1521572 01	2.4394545 01	6.5916117 01
5.0990005 02	4.2478540 01	2.5201367 01	6.7679907 01
5.1000005 02	4.2796688 01	2.5745066 01	6.8541754 01

TABLE II (Continued)

T = 0.05 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
5.1010005 02	4.2460675 01	2.6005940 01	6.8466615 01
5.1030005 02	3.9922918 01	2.5669884 01	6.5592802 01
5.1050005 02	3.5338711 01	2.4308319 01	5.9647029 01
5.1100005 02	2.0309922 01	1.8487037 01	3.8796959 01
5.1150005 02	8.7340083 00	1.3190908 01	2.1924917 01
5.1200004 02	3.3530128 00	1.0324409 01	1.3677422 01
5.1250004 02	1.5004296 00	9.1031654 00	1.0603595 01
5.1300005 02	8.7869674-01	8.5566418 00	9.4353385 00
5.1400005 02	4.6705731-01	8.0470133 00	8.5140706 00
5.1500005 02	3.1054187-01	7.7784506 00	8.0889924 00
5.1600004 02	2.3009335-01	7.6023230 00	7.8324163 00
5.1700005 02	1.8238352-01	7.4735165 00	7.6559000 00
5.1800005 02	1.5136011-01	7.3726816 00	7.5240417 00
5.1900004 02	1.2982070-01	7.2900094 00	7.4198300 00
5.2000004 02	1.1411045-01	7.2199513 00	7.3340617 00
5.2200005 02	9.2897374-02	7.1052456 00	7.1981429 00
5.2500005 02	7.4278889-02	6.9725841 00	7.0468629 00
5.2700004 02	6.6363816-02	6.9005025 00	6.9668663 00
5.3000004 02	5.8137025-02	6.8082533 00	6.8663903 00
5.3200005 02	5.4231781-02	6.7544132 00	6.8086449 00
5.3500005 02	4.9968020-02	6.6819123 00	6.7318803 00
5.3700005 02	4.7939522-02	6.6377581 00	6.6856976 00
5.4000005 02	4.5882429-02	6.5761146 00	6.6219970 00
5.4300005 02	4.4888383-02	6.5183369 00	6.5632252 00
5.4500004 02	4.4815360-02	6.4811695 00	6.5259847 00
5.4800005 02	4.5702758-02	6.4262884 00	6.4719911 00
5.5000005 02	4.7106314-02	6.3895685 00	6.4366748 00
5.5300004 02	5.0916835-02	6.3328097 00	6.3837265 00
5.5500005 02	5.5131704-02	6.2927124 00	6.3478440 00
5.5700005 02	6.1493135-02	6.2495079 00	6.3110009 00
5.5900005 02	7.1408337-02	6.2014509 00	6.2728592 00
5.6000004 02	7.8528320-02	6.1747881 00	6.2533164 00
5.6100005 02	8.7912038-02	6.1456985 00	6.2336106 00
5.6200005 02	1.0068425-01	6.1134498 00	6.2141341 00
5.6300005 02	1.1884283-01	6.0769944 00	6.1958372 00
5.6400004 02	1.4628287-01	6.0347575 00	6.1810404 00
5.6500005 02	1.9165070-01	5.9845123 00	6.1761630 00
5.6600005 02	2.7858372-01	5.9236715 00	6.2022552 00
5.6700004 02	5.1455410-01	5.8642356 00	6.3787897 00
5.6750004 02	8.9165978-01	5.8960627 00	6.7877225 00
5.6800005 02	1.9860749 00	6.1905995 00	8.1766744 00
5.6850005 02	4.8809545 00	7.2729598 00	1.2153914 01
5.6900005 02	1.0498977 01	9.7484750 00	2.0247452 01
5.6930005 02	1.4671646 01	1.1794331 01	2.6465977 01
5.6950005 02	1.7230459 01	1.3170368 01	3.0400827 01
5.6970004 02	1.9165680 01	1.4340809 01	3.3506489 01
5.6990005 02	2.0198293 01	1.5151201 01	3.5349495 01
5.7000005 02	2.0413319 01	1.5427597 01	3.5840916 01
5.7010004 02	2.0194874 01	1.5506080 01	3.5700953 01
5.7030005 02	1.9156991 01	1.5370258 01	3.4527250 01
5.7050004 02	1.7222064 01	1.4772238 01	3.1994302 01
5.7070005 02	1.4669424 01	1.3812980 01	2.8482405 01
5.7100004 02	1.0513155 01	1.2054373 01	2.2567527 01
5.7150004 02	4.9334693 00	9.4178699 00	1.4351339 01
5.7200005 02	2.0709336 00	7.8762131 00	9.9471467 00
5.7250005 02	1.0044132 00	7.1921274 00	8.1965406 00
5.7300005 02	6.5836502-01	6.9059007 00	7.5642657 00
5.7350005 02	5.4173392-01	6.7746313 00	7.3163651 00
5.7400005 02	5.0705493-01	6.7157454 00	7.2228003 00
5.7450004 02	5.1543577-01	6.7067896 00	7.2222253 00
5.7500004 02	5.5897392-01	6.7478209 00	7.3067948 00
5.7550005 02	6.4195061-01	6.8539732 00	7.4959238 00
5.7600005 02	7.8043940-01	7.0622151 00	7.8426545 00

TABLE II (Continued)

T = 0.05 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
5.7650005 02	1.0124054 00	7.4578453 00	8.4702507 00
5.7700005 02	1.4301919 00	8.2559059 00	9.6860976 00
5.7750005 02	2.2671377 00	1.0027364 01	1.2294501 01
5.7800004 02	4.0538832 00	1.4141009 01	1.8194891 01
5.7850004 02	7.6075864 00	2.2861999 01	3.0469585 01
5.7900005 02	1.3219239 01	3.7394406 01	5.0613644 01
5.7930005 02	1.6949133 01	4.7530666 01	6.4479799 01
5.7950005 02	1.9132498 01	5.3741596 01	7.2874094 01
5.7970003 02	2.0769810 01	5.8708734 01	7.9478544 01
5.7990005 02	2.1645072 01	6.1822607 01	8.3467679 01
5.8000005 02	2.1754040 01	6.2551465 01	8.4305506 01
5.8010003 02	2.1636057 01	6.2694568 01	8.4330625 01
5.8030005 02	2.0744288 01	6.1247591 01	8.1991878 01
5.8050005 02	1.9094252 01	5.7730067 01	7.6824319 01
5.8070004 02	1.6903001 01	5.2650471 01	6.9553472 01
5.8100005 02	1.3170308 01	4.3527250 01	5.6697557 01
5.8150004 02	7.5660482 00	2.9116019 01	3.6682067 01
5.8200004 02	4.0164684 00	1.9507699 01	2.3524168 01
5.8250004 02	2.2258170 00	1.4389264 01	1.6615081 01
5.8300005 02	1.3803468 00	1.1816209 01	1.3196556 01
5.8350005 02	9.5151492-01	1.0423956 01	1.1375471 01
5.8400005 02	7.0568604-01	9.5777329 00	1.0283419 01
5.8500005 02	4.4255684-01	8.6065439 00	9.0491006 00
5.8600004 02	3.0876723-01	8.0678923 00	8.3766595 00
5.8700005 02	2.3056187-01	7.7274912 00	7.9580531 00
5.8800005 02	1.8059433-01	7.4936399 00	7.6742343 00
5.8900004 02	1.4660152-01	7.3233093 00	7.4699108 00
5.9000005 02	1.2236329-01	7.1936562 00	7.3160194 00
5.9200005 02	9.0778136-02	7.0089619 00	7.0997400 00
5.9500005 02	6.4750245-02	6.8336466 00	6.8983968 00
5.9700004 02	5.4379947-02	6.7531909 00	6.8075709 00
6.0000004 02	4.4128590-02	6.6629713 00	6.7070998 00
6.0500005 02	3.4312232-02	6.5585922 00	6.5929044 00
6.1000005 02	2.8843367-02	6.4850981 00	6.5139415 00
6.1500004 02	2.5491899-02	6.4284938 00	6.4539856 00
6.2000005 02	2.3319910-02	6.3820931 00	6.4054130 00
6.2500005 02	2.1880293-02	6.3422095 00	6.3640898 00
6.3000004 02	2.0943691-02	6.3066248 00	6.3275683 00
6.3500005 02	2.0391117-02	6.2738274 00	6.2942186 00
6.4000005 02	2.0168198-02	6.2426934 00	6.2628615 00
6.4500004 02	2.0266942-02	6.2123032 00	6.2325702 00
6.5000005 02	2.0722643-02	6.1817848 00	6.2025074 00
6.5500004 02	2.1624549-02	6.1502255 00	6.1718500 00
6.6000005 02	2.3145415-02	6.1165399 00	6.1396853 00
6.6500005 02	2.5608938-02	6.0793495 00	6.1049584 00
6.7000004 02	2.9645555-02	6.0367096 00	6.0663551 00
6.7500005 02	3.6590493-02	5.9858372 00	6.0224277 00
6.7800004 02	4.3333627-02	5.9497658 00	5.9930993 00
6.8000005 02	4.9664440-02	5.9228010 00	5.9724654 00
6.8300005 02	6.3781611-02	5.8774133 00	5.9411949 00
6.8500004 02	7.8352877-02	5.8440229 00	5.9223757 00
6.8800005 02	1.1569407-01	5.7931705 00	5.9088645 00
6.9000005 02	1.6189368-01	5.7686150 00	5.9305086 00
6.9100005 02	1.9776361-01	5.7667954 00	5.9645590 00
6.9200004 02	2.4851185-01	5.7811682 00	6.0296801 00
6.9300005 02	3.2382788-01	5.8276719 00	6.1514997 00
6.9400005 02	4.4306389-01	5.9415199 00	6.3845838 00
6.9500005 02	6.5027577-01	6.2110301 00	6.8613059 00
6.9600004 02	1.0698195 00	6.9116128 00	7.9814322 00
6.9700005 02	2.2080905 00	9.3006486 00	1.1508739 01
6.9750005 02	3.6429931 00	1.2737854 01	1.6380848 01
6.9800005 02	6.4793614 00	2.0058603 01	2.6537964 01
6.9850005 02	1.1483883 01	3.3748501 01	4.5232384 01

TABLE II (Continued)

T = 0.05 ev

$E_n$ (ev)	$\sigma_v$ (barns)	$\sigma_s$ (barns)	$\sigma_T$ (barns)
6.9900005 02	1.8473709 01	5.3912887 01	7.2386596 01
6.9930005 02	2.2759522 01	6.6933395 01	8.9692917 01
6.9950004 02	2.5174842 01	7.4655934 01	9.9830775 01
6.9970005 02	2.6948502 01	8.0756985 01	1.0770549 02
6.9990005 02	2.7885050 01	8.4617118 01	1.1250217 02
7.0000004 02	2.8001652 01	8.5573310 01	1.1357496 02
7.0020003 02	2.7514165 01	8.5430883 01	1.1294505 02
7.0050005 02	2.5138884 01	8.0360019 01	1.0549890 02
7.0100005 02	1.8428927 01	6.3082800 01	8.1511727 01
7.0150005 02	1.1452224 01	4.3656329 01	5.5108552 01
7.0200005 02	6.4627794 00	2.9019902 01	3.5482681 01
7.0300004 02	2.2015194 00	1.5596700 01	1.7798219 01
7.0400005 02	1.0644926 00	1.1537708 01	1.2602200 01
7.0500005 02	6.4577385-01	9.8627330 00	1.0508507 01
7.0600005 02	4.3916096-01	8.9595962 00	9.3987571 00
7.0700004 02	3.2035170-01	8.3990157 00	8.7193673 00
7.0800005 02	2.4533598-01	8.0197037 00	8.2650396 00
7.0900005 02	1.9480638-01	7.7473157 00	7.9421220 00
7.1000005 02	1.5909635-01	7.5429440 00	7.7020403 00
7.1100004 02	1.3290022-01	7.3843068 00	7.5172069 00
7.1300005 02	9.7766385-02	7.1547175 00	7.2524839 00
7.1500005 02	7.5888573-02	6.9969699 00	7.0728584 00
7.1700005 02	6.1332452-02	6.8820796 00	6.9434120 00
7.2000005 02	4.7172500-02	6.7583720 00	6.8055445 00
7.2200004 02	4.0781700-02	6.6967434 00	6.7375251 00
7.2500004 02	3.3914600-02	6.6244518 00	6.6583664 00
7.2700005 02	3.0547321-02	6.5858460 00	6.6163933 00
7.3000005 02	2.6694082-02	6.5381089 00	6.5648030 00



TABLE III  
Mo CROSS SECTIONS  
Mo Temperature = 0.1 ev

Neutron Energy, $E_n$ (ev)	Radiative Capture Cross Section, $\sigma_\gamma$ (barns)	Scattering Cross Section, $\sigma_S$ (barns)	Total Cross Section, $\sigma_T$ (barns)
2.5300005-02	2.7352387 00	5.5826103 00	8.3178491 00
4.0000008-02	2.1758476 00	5.5460519 00	7.7218995 00
5.0000009-02	1.9464513 00	5.5334472 00	7.4798985 00
7.0000008-02	1.6455830 00	5.5190051 00	7.1645880 00
1.0000005-01	1.3774610 00	5.5081103 00	6.8855713 00
2.0000005-01	9.7559271-01	5.4951241 00	6.4707168 00
5.0000005-01	6.2005629-01	5.4863110 00	6.1063672 00
1.0000005 00	4.4211812-01	5.4816432 00	5.9237612 00
2.0000005 00	3.1807697-01	5.4759649 00	5.7940419 00
5.0000005 00	2.1302245-01	5.4610086 00	5.6740310 00
1.0000005 01	1.6940961-01	5.4332895 00	5.6026991 00
1.5000005 01	1.6156886-01	5.3995362 00	5.5611051 00
2.0000005 01	1.7283738-01	5.3571354 00	5.5299727 00
2.5000005 01	2.0813394-01	5.3023322 00	5.5104661 00
3.0000005 01	2.9462180-01	5.2311959 00	5.5258176 00
3.2000005 01	3.6167133-01	5.1988692 00	5.5605405 00
3.4000005 01	4.6883263-01	5.1681295 00	5.6369621 00
3.5000005 01	5.4800438-01	5.1562179 00	5.7042223 00
3.6000005 01	6.5484968-01	5.1501738 00	5.8050234 00
3.7000005 01	8.0394314-01	5.1556892 00	5.9596322 00
3.8000005 01	1.0210000 00	5.1840227 00	6.2050227 00
3.9000005 01	1.3549747 00	5.2589523 00	6.6139270 00
4.0000005 01	1.9089249 00	5.4355532 00	7.3444781 00
4.1000005 01	2.9324449 00	5.8596405 00	8.7920854 00
4.1500005 01	3.8088359 00	6.2822848 00	1.0091120 01
4.2000005 01	5.1726765 00	7.0063474 00	1.2179024 01
4.2500005 01	7.4762590 00	8.3433880 00	1.5819647 01
4.2800005 01	9.7267990 00	9.7368727 00	1.9463671 01
4.3000005 01	1.1874198 01	1.1120557 01	2.2994754 01
4.3200005 01	1.4864995 01	1.3111102 01	2.7976096 01
4.3500005 01	2.2247204 01	1.8237617 01	4.0484821 01
4.3700005 01	3.1143457 01	2.4677843 01	5.5821300 01
4.3900005 01	4.7534416 01	3.6987037 01	8.4521453 01
4.4000005 01	6.1245528 01	4.7549245 01	1.0879478 02
4.4100005 01	8.1218197 01	6.3193439 01	1.4441164 02
4.4200004 01	1.1021575 02	8.6251343 01	1.9646710 02
4.4300005 01	1.5129205 02	1.1935706 02	2.7064911 02
4.4400005 01	2.0685058 02	1.6468831 02	3.7153889 02
4.4500005 01	2.7712372 02	2.2270471 02	4.9982843 02
4.4600004 01	3.5849804 02	2.9071670 02	6.4921473 02
4.4700005 01	4.4257915 02	3.6202006 02	8.0459922 02
4.4800005 01	5.1696806 02	4.2642452 02	9.4339258 02
4.4900005 01	5.6813495 02	4.7254907 02	1.0406840 03
4.5000005 01	5.8560958 02	4.9129096 02	1.0769006 03
4.5100005 01	5.6566828 02	4.7898160 02	1.0446499 03
4.5200005 01	5.1270388 02	4.3869231 02	9.5139620 02
4.5300005 01	4.3755433 02	3.7901170 02	8.1656604 02
4.5400005 01	3.5369246 02	3.1097437 02	6.6466684 02
4.5500005 01	2.7315453 02	2.4466838 02	5.1782292 02
4.5600005 01	2.0390127 02	1.8695523 02	3.9085649 02
4.5700004 01	1.4922847 02	1.4086926 02	2.9009773 02
4.5800005 01	1.0877376 02	1.0636846 02	2.1514222 02
4.5900005 01	8.0146464 01	8.1647661 01	1.6179412 02
4.6000005 01	6.0368607 01	6.4335010 01	1.2470362 02
4.6100004 01	4.6755630 01	5.2243147 01	9.8998777 01
4.6300005 01	3.0458912 01	3.7450208 01	6.7909120 01
4.6500005 01	2.1629998 01	2.9192985 01	5.0822983 01
4.6700005 01	1.6274170 01	2.4047203 01	4.0321373 01
4.7000005 01	1.1396838 01	1.9222869 01	3.0619707 01
4.7200004 01	9.2912891 00	1.7079830 01	2.6371119 01
4.7500005 01	7.0918327 00	1.4783129 01	2.1874962 01
4.7700005 01	6.0374631 00	1.3653409 01	1.9690872 01
4.8000005 01	4.8514346 00	1.2351896 01	1.7203330 01

TABLE III (Continued)

T = 0.1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.8200005 01	4.2466023 00	1.1671985 01	1.5918588 01
4.8500005 01	3.5329837 00	1.0851368 01	1.4384352 01
4.9000005 01	2.6907029 00	9.8484096 00	1.2539113 01
4.9500005 01	2.1197661 00	9.1384367 00	1.1258202 01
5.0000005 01	1.7149583 00	8.6135700 00	1.0328528 01
5.1000005 01	1.1928495 00	7.8965007 00	9.0893502 00
5.2000004 01	8.8162613-01	7.4347381 00	8.3163642 00
5.3000005 01	6.8167527-01	7.1152728 00	7.7969480 00
5.4000005 01	5.4597102-01	6.8822609 00	7.4282319 00
5.5000005 01	4.4997257-01	6.7052427 00	7.1552153 00
5.7000005 01	3.2744575-01	6.4543286 00	6.7817742 00
6.0000005 01	2.3343698-01	6.2177724 00	6.4512093 00
6.2000005 01	2.0291396-01	6.1085424 00	6.3114563 00
6.4000005 01	1.9187070-01	6.0199132 00	6.2117839 00
6.5000005 01	1.9521049-01	5.9799973 00	6.1752077 00
6.6000005 01	2.0788386-01	5.9413080 00	6.1491919 00
6.7000005 01	2.3691475-01	5.9021166 00	6.1390314 00
6.8000005 01	3.0063289-01	5.8596830 00	6.1603158 00
6.8500005 01	3.6029212-01	5.8357535 00	6.1960456 00
6.9000005 01	4.5920264-01	5.8085845 00	6.2677871 00
6.9300005 01	5.5301460-01	5.7899975 00	6.3430120 00
6.9500005 01	6.4005907-01	5.7763335 00	6.4163925 00
6.9700005 01	7.5773713-01	5.7614452 00	6.5191824 00
6.9900004 01	9.2352061-01	5.7452041 00	6.6687247 00
7.0000005 01	1.0340242 00	5.7366018 00	6.7706260 00
7.0200005 01	1.3476073 00	5.7189923 00	7.0665996 00
7.0400005 01	1.8881562 00	5.7036207 00	7.5917769 00
7.0500005 01	2.3172386 00	5.6994572 00	8.0166957 00
7.0700004 01	3.7820816 00	5.7118167 00	9.4938983 00
7.0800005 01	4.9983601 00	5.7385880 00	1.0736948 01
7.0900005 01	6.6866072 00	5.7891450 00	1.2475753 01
7.1000005 01	8.9567309 00	5.8728722 00	1.4829603 01
7.1100003 01	1.1879037 01	5.9989533 00	1.7877990 01
7.1200005 01	1.5440783 01	6.1738194 00	2.1614603 01
7.1300005 01	1.9504393 01	6.3980010 00	2.5902395 01
7.1400004 01	2.3785221 01	6.6632995 00	3.0448520 01
7.1500005 01	2.7866481 01	6.9515617 00	3.4818043 01
7.1600003 01	3.1258752 01	7.2359917 00	3.8494743 01
7.1700005 01	3.3497782 01	7.4855003 00	4.0983282 01
7.1800005 01	3.4252309 01	7.6709976 00	4.1923307 01
7.1900005 01	3.3408195 01	7.7719278 00	4.1180123 01
7.2000005 01	3.1097709 01	7.7808521 00	3.8878561 01
7.2100003 01	2.7664286 01	7.7045086 00	3.5368795 01
7.2200004 01	2.3574898 01	7.5612209 00	3.1136119 01
7.2300005 01	1.9313002 01	7.3757396 00	2.6688742 01
7.2400003 01	1.5284355 01	7.1733706 00	2.2457726 01
7.2500005 01	1.1761693 01	6.9752609 00	1.8736953 01
7.2600005 01	8.8738407 00	6.7958386 00	1.5669679 01
7.2700005 01	6.6292426 00	6.6424825 00	1.3271726 01
7.2800005 01	4.9569493 00	6.5167889 00	1.1473738 01
7.2900004 01	3.7490683 00	6.4165817 00	1.0165650 01
7.3000005 01	2.8924708 00	6.3378070 00	9.2302778 00
7.3100003 01	2.2881390 00	6.2759906 00	8.5641296 00
7.3200005 01	1.8585512 00	6.2270723 00	8.0856235 00
7.3300005 01	1.5475351 00	6.1877549 00	7.7352900 00
7.3500005 01	1.1403589 00	6.1286235 00	7.2689824 00
7.3700005 01	8.9161269-01	6.0859120 00	6.9775246 00
7.4000005 01	6.6194543-01	6.0393528 00	6.7012982 00
7.4200005 01	5.6080922-01	6.0155499 00	6.5763590 00
7.4500005 01	4.5317776-01	5.9867499 00	6.4399276 00
7.4700004 01	4.0064087-01	5.9708342 00	6.3714751 00
7.5000005 01	3.4059875-01	5.9504676 00	6.2910663 00
7.5500005 01	2.7232022-01	5.9230538 00	6.1953740 00

TABLE III (Continued)

T = 0.1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
7.6000005 01	2.2753166-01	5.9010506 00	6.1285823 00
7.7000004 01	1.7386783-01	5.8666855 00	6.0405533 00
7.8000005 01	1.4384810-01	5.8398571 00	5.9837051 00
8.0000005 01	1.1269546-01	5.7978528 00	5.9105483 00
8.2000005 01	9.7434794-02	5.7640756 00	5.8615103 00
8.4000005 01	8.8840225-02	5.7347363 00	5.8235765 00
9.0000005 01	7.8959151-02	5.6590772 00	5.7380364 00
9.2000005 01	7.8401119-02	5.6356141 00	5.7140151 00
9.5000005 01	7.9291436-02	5.6005602 00	5.6798516 00
9.8000005 01	8.2154567-02	5.5646512 00	5.6468057 00
1.0000005 02	8.5216903-02	5.5398873 00	5.6251042 00
1.0500005 02	9.8232720-02	5.4711425 00	5.5693752 00
1.1000005 02	1.2330132-01	5.3871526 00	5.5104539 00
1.1500005 02	1.7404912-01	5.2759038 00	5.4499529 00
1.2000005 02	2.9495036-01	5.1157913 00	5.4107416 00
1.2200005 02	3.9465756-01	5.0309828 00	5.4256402 00
1.2300005 02	4.6803844-01	4.9834953 00	5.4515337 00
1.2400005 02	5.6682932-01	4.9332909 00	5.5001202 00
1.2500005 02	7.0433770-01	4.8823330 00	5.5866707 00
1.2600005 02	9.0396346-01	4.8356613 00	5.7396248 00
1.2700005 02	1.2100976 00	4.8058717 00	6.0159693 00
1.2800005 02	1.7159480 00	4.8259175 00	6.5418653 00
1.2900005 02	2.6474815 00	4.9919394 00	7.6394207 00
1.2950005 02	3.4430390 00	5.2131526 00	8.6581916 00
1.3000005 02	4.6919698 00	5.6488268 00	1.0340797 01
1.3050005 02	6.8338852 00	6.5590575 00	1.3392943 01
1.3080005 02	9.0049036 00	7.6182490 00	1.6623152 01
1.3100005 02	1.1186430 01	8.7807956 00	1.9967226 01
1.3130005 02	1.6676606 01	1.1991770 01	2.8668376 01
1.3150005 02	2.3230944 01	1.6141952 01	3.9372895 01
1.3180005 02	4.2243065 01	2.9043139 01	7.1286204 01
1.3200005 02	6.5496269 01	4.5603458 01	1.1109972 02
1.3230005 02	1.2375842 02	8.8766955 01	2.1252537 02
1.3250005 02	1.7804541 02	1.3033650 02	3.0838191 02
1.3270005 02	2.3752732 02	1.7726382 02	4.1479114 02
1.3280005 02	2.6543124 02	1.9993366 02	4.6536491 02
1.3300005 02	3.0840733 02	2.3659541 02	5.4500274 02
1.3320005 02	3.2408628 02	2.5336285 02	5.7744912 02
1.3350005 02	2.8841190 02	2.3294910 02	5.2136100 02
1.3360005 02	2.6398287 02	2.1601179 02	4.7999466 02
1.3370005 02	2.3600384 02	1.9596843 02	4.3197227 02
1.3380005 02	2.0633429 02	1.7422392 02	3.8055821 02
1.3400005 02	1.4851207 02	1.3076333 02	2.7927540 02
1.3420005 02	1.0022794 02	9.3455757 01	1.9368370 02
1.3450005 02	5.2222026 01	5.5162437 01	1.0738446 02
1.3470005 02	3.4038679 01	4.0095590 01	7.4134269 01
1.3500005 02	1.9407472 01	2.7433684 01	4.6841156 01
1.3520005 02	1.4294637 01	2.2760875 01	3.7055512 01
1.3550005 02	9.8680549 00	1.8496994 01	2.8365049 01
1.3570005 02	8.0444931 00	1.6646990 01	2.4691483 01
1.3600005 02	6.1807448 00	1.4674098 01	2.0854842 01
1.3650005 02	4.2930052 00	1.2557629 01	1.6850634 01
1.3700005 02	3.1720824 00	1.1215237 01	1.4387320 01
1.3750005 02	2.4463366 00	1.0292693 01	1.2739029 01
1.3800005 02	1.9476665 00	9.6227573 00	1.1570424 01
1.3900005 02	1.3234359 00	8.7204340 00	1.0043870 01
1.4000005 02	9.6122667-01	8.1448462 00	9.1060728 00
1.4100005 02	7.3220331-01	7.7478952 00	8.4800985 00
1.4200005 02	5.7819458-01	7.4585015 00	8.0366961 00
1.4300005 02	4.6971131-01	7.2385309 00	7.7082422 00
1.4400005 02	3.9048625-01	7.0657899 00	7.4562762 00
1.4500005 02	3.3094322-01	6.9265262 00	7.2574693 00
1.4600005 02	2.8514919-01	6.8117826 00	7.0969318 00

TABLE III (Continued)

T = 0.1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
1.4800005 02	2.2077355-01	6.6333431 00	6.8541166 00
1.5000005 02	1.7946376-01	6.4999566 00	6.6794203 00
1.5400005 02	1.3792787-01	6.3072107 00	6.4451385 00
1.5500005 02	1.3514111-01	6.2672980 00	6.4024391 00
1.5700005 02	1.4590795-01	6.1888916 00	6.3347996 00
1.5800005 02	1.7018834-01	6.1458672 00	6.3160554 00
1.5850005 02	1.9449933-01	6.1213515 00	6.3158509 00
1.5900005 02	2.3651149-01	6.0930369 00	6.3295483 00
1.5920005 02	2.6233948-01	6.0800984 00	6.3424379 00
1.5950005 02	3.2015022-01	6.0582303 00	6.3783805 00
1.5970005 02	3.8221060-01	6.0416478 00	6.4238584 00
1.5990005 02	4.8154910-01	6.0233226 00	6.5048717 00
1.6000005 02	5.5502983-01	6.0136539 00	6.5686837 00
1.6020005 02	7.8494834-01	5.9943768 00	6.7793251 00
1.6040005 02	1.1977629 00	5.9783803 00	7.1761432 00
1.6050005 02	1.5127630 00	5.9739764 00	7.4867395 00
1.6070005 02	2.4605607 00	5.9792804 00	8.4398410 00
1.6090005 02	3.9407444 00	6.0160853 00	9.9568297 00
1.6100005 02	4.9295953 00	6.0527642 00	1.0982360 01
1.6110005 02	6.0785909 00	6.1030299 00	1.2181621 01
1.6120005 02	7.3428154 00	6.1669248 00	1.3509740 01
1.6130005 02	8.6919450 00	6.2462875 00	1.4938233 01
1.6140005 02	1.0115247 01	6.3421490 00	1.6457396 01
1.6150005 02	1.1547901 01	6.4499286 00	1.7997830 01
1.6160005 02	1.2850474 01	6.5619001 00	1.9412375 01
1.6170005 02	1.3920837 01	6.6746781 00	2.0595515 01
1.6180005 02	1.4756374 01	6.7875793 00	2.1543954 01
1.6190005 02	1.5337901 01	6.8935679 00	2.2231469 01
1.6200005 02	1.5550767 01	6.9806755 00	2.2531442 01
1.6220005 02	1.4719243 01	7.0862811 00	2.1805525 01
1.6250005 02	1.1482799 01	7.0771047 00	1.8559904 01
1.6300005 02	4.8934666 00	6.7658457 00	1.1659313 01
1.6350005 02	1.5000195 00	6.4818615 00	7.9818810 00
1.6400005 02	5.3952264-01	6.3419801 00	6.8815027 00
1.6450005 02	2.9984400-01	6.2748409 00	6.5746848 00
1.6500005 02	2.1252367-01	6.2343330 00	6.4468567 00
1.6600005 02	1.3900961-01	6.1829228 00	6.3219324 00
1.6700005 02	1.0691393-01	6.1485880 00	6.2555018 00
1.6800005 02	8.9302082-02	6.1223594 00	6.2116614 00
1.6900005 02	7.8241539-02	6.1008067 00	6.1790482 00
1.7000005 02	7.0630334-02	6.0822998 00	6.1529302 00
1.7200005 02	6.0715819-02	6.0512020 00	6.1119178 00
1.7500005 02	5.1977333-02	6.0136745 00	6.0656518 00
1.8000005 02	4.3758682-02	5.9648761 00	6.0086347 00
1.8500005 02	3.8818582-02	5.9261881 00	5.9650066 00
1.9000005 02	3.5455459-02	5.8938471 00	5.9293025 00
2.0000005 02	3.1178554-02	5.8409995 00	5.8721781 00
2.1000005 02	2.8623874-02	5.7973051 00	5.8259289 00
2.2000005 02	2.7104788-02	5.7591997 00	5.7863044 00
2.3000005 02	2.6235758-02	5.7237053 00	5.7499411 00
2.4000005 02	2.5896020-02	5.6889916 00	5.7148876 00
2.5000005 02	2.6108924-02	5.6533866 00	5.6794955 00
2.6000005 02	2.7129348-02	5.6148382 00	5.6419675 00
2.7000005 02	3.0006313-02	5.5694352 00	5.5994415 00
2.7500005 02	3.3466360-02	5.5412040 00	5.5746704 00
2.8000005 02	4.1669557-02	5.5044119 00	5.5460815 00
2.8200005 02	4.8712275-02	5.4848903 00	5.5336026 00
2.8400005 02	6.1672549-02	5.4600006 00	5.5216731 00
2.8600005 02	9.0300722-02	5.4253172 00	5.5156178 00
2.8700005 02	1.2041119-01	5.4014519 00	5.5218630 00
2.8800005 02	1.8049711-01	5.3704896 00	5.5509867 00
2.8850005 02	2.3853957-01	5.3520196 00	5.5905592 00
2.8900005 02	3.5211070-01	5.3356622 00	5.6877729 00

TABLE III (Continued)

T = 0.1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
2.8950005 02	6.4354752-01	5.3461672 00	5.9897147 00
2.9000005 02	1.5330521 00	5.4919640 00	7.0250161 00
2.9030005 02	2.7316543 00	5.7563810 00	8.4880353 00
2.9050005 02	3.9649529 00	6.0599501 00	1.0024903 01
2.9070005 02	5.6040617 00	6.4920332 00	1.2096095 01
2.9090005 02	7.6344479 00	7.0599013 00	1.4694349 01
2.9100005 02	8.7681803 00	7.3904887 00	1.6158669 01
2.9120005 02	1.1161139 01	8.1196623 00	1.9280801 01
2.9150005 02	1.4566637 01	9.2511227 00	2.3817759 01
2.9170005 02	1.6265811 01	9.8982663 00	2.6164078 01
2.9200005 02	1.7301856 01	1.0486470 01	2.7788326 01
2.9230005 02	1.6233248 01	1.0468446 01	2.6701694 01
2.9250005 02	1.4520924 01	1.0133017 01	2.4653940 01
2.9280005 02	1.1113225 01	9.3025449 00	2.0415769 01
2.9300005 02	8.7281862 00	8.6561963 00	1.7384383 01
2.9320005 02	6.5458169 00	8.0277716 00	1.4573589 01
2.9350005 02	3.9523333 00	7.2302065 00	1.1182540 01
2.9370004 02	2.7263815 00	6.8264266 00	9.5528081 00
2.9400005 02	1.5331637 00	6.4030525 00	7.9362161 00
2.9450005 02	6.4432728-01	6.0374941 00	6.6818214 00
2.9500005 02	3.5190169-01	5.8799387 00	6.2318404 00
2.9550005 02	2.3823093-01	5.7979939 00	6.0362247 00
2.9600005 02	1.8047990-01	5.7459495 00	5.9264294 00
2.9700005 02	1.2114299-01	5.6800029 00	5.8011459 00
2.9800005 02	9.1711497-02	5.6382346 00	5.7299460 00
2.9900005 02	7.4844507-02	5.6084215 00	5.6832660 00
3.0000005 02	6.4295088-02	5.5854387 00	5.6497337 00
3.0100005 02	5.7297395-02	5.5667193 00	5.6240166 00
3.0300005 02	4.9019934-02	5.5369032 00	5.5859231 00
3.0500005 02	4.4697519-02	5.5128922 00	5.5575896 00
3.1000005 02	4.0933525-02	5.4638297 00	5.5047632 00
3.1200005 02	4.0793749-02	5.4460736 00	5.4868673 00
3.1500005 02	4.1410115-02	5.4199967 00	5.4614068 00
3.2000005 02	4.4140440-02	5.3760525 00	5.4201928 00
3.2500005 02	4.8923947-02	5.3294400 00	5.3783638 00
3.3000005 02	5.6338785-02	5.2784849 00	5.3348237 00
3.3300005 02	6.2594914-02	5.2453332 00	5.3079281 00
3.3500005 02	6.7817304-02	5.2220834 00	5.2899007 00
3.3800005 02	7.7808282-02	5.1855936 00	5.2634019 00
3.4000005 02	8.6411836-02	5.1604371 00	5.2468490 00
3.4300005 02	1.0357644-01	5.1225089 00	5.2260853 00
3.4500005 02	1.1911587-01	5.0984387 00	5.2175545 00
3.4700005 02	1.3953774-01	5.0774605 00	5.2169982 00
3.5000005 02	1.8472374-01	5.0604588 00	5.2451826 00
3.5200005 02	2.3107864-01	5.0709337 00	5.3020123 00
3.5400005 02	3.0059731-01	5.1203958 00	5.4209931 00
3.5500005 02	3.4923690-01	5.1718164 00	5.5210532 00
3.5700005 02	4.9477832-01	5.3797758 00	5.8745540 00
3.5800005 02	6.0749396-01	5.5788769 00	6.1863708 00
3.5900005 02	7.6663638-01	5.8975272 00	6.6641635 00
3.6000005 02	1.0022524 00	6.4251480 00	7.4274003 00
3.6100005 02	1.3740281 00	7.3468644 00	8.7208924 00
3.6200005 02	2.0165609 00	9.0981231 00	1.1114684 01
3.6300005 02	3.3001721 00	1.2932971 01	1.6233143 01
3.6350005 02	4.5134208 00	1.6799402 01	2.1312822 01
3.6400005 02	6.6004828 00	2.3769088 01	3.0369571 01
3.6450005 02	1.0431891 01	3.7140069 01	4.7571960 01
3.6500005 02	1.7440724 01	6.2553838 01	7.9994562 01
3.6550005 02	2.8965834 01	1.0575404 02	1.3471987 02
3.6580005 02	3.7882039 01	1.4004253 02	1.7792456 02
3.6600005 02	4.4210168 01	1.6483456 02	2.0904473 02
3.6620005 02	5.0385966 01	1.8947937 02	2.3986534 02
3.6650005 02	5.8296560 01	2.2209961 02	2.8039618 02

TABLE III (Continued)

T = 0.1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
3.6660005 02	6.0324741 01	2.3084322 02	2.9116796 02
3.6680005 02	6.3149447 01	2.4384400 02	3.0699344 02
3.6720004 02	6.3077452 01	2.4834944 02	3.1142689 02
3.6750005 02	5.8137015 01	2.3274529 02	2.9088231 02
3.6770004 02	5.3071705 01	2.1516836 02	2.6824006 02
3.6800005 02	4.4000754 01	1.8238565 02	2.2638640 02
3.6820005 02	3.7684707 01	1.5896413 02	1.9664884 02
3.6850005 02	2.8803675 01	1.2539479 02	1.5419846 02
3.6900005 02	1.7344223 01	8.0969013 01	9.8313237 01
3.6950005 02	1.0374804 01	5.3098904 01	6.3473707 01
3.7000005 02	6.5601090 00	3.7325361 01	4.3885470 01
3.7050005 02	4.4800963 00	2.8411258 01	3.2891354 01
3.7100005 02	3.2711754 00	2.3044528 01	2.6315704 01
3.7200005 02	1.9938741 00	1.7116303 01	1.9110177 01
3.7300005 02	1.3559478 00	1.3984944 01	1.5340891 01
3.7400005 02	9.8765182-01	1.2083555 01	1.3071207 01
3.7500005 02	7.5479708-01	1.0823014 01	1.1577811 01
3.7600005 02	5.9793839-01	9.9343163 00	1.0532254 01
3.7800005 02	4.0608384-01	8.7766633 00	9.1827471 00
3.8000005 02	2.9779219-01	8.0633899 00	8.3611820 00
3.8200005 02	2.3105669-01	7.5826969 00	7.8137536 00
3.8500005 02	1.7129880-01	7.0976648 00	7.2689636 00
3.9000005 02	1.2402788-01	6.5988256 00	6.7228535 00
3.9300005 02	1.1368492-01	6.3890303 00	6.5027151 00
3.9500005 02	1.1385679-01	6.2666481 00	6.3805048 00
3.9700005 02	1.2256896-01	6.1492883 00	6.2718573 00
3.9900005 02	1.4873883-01	6.0267210 00	6.1754597 00
4.0000005 02	1.7659304-01	5.9580091 00	6.1346021 00
4.0100005 02	2.2779628-01	5.8786165 00	6.1064128 00
4.0200005 02	3.4077714-01	5.7801000 00	6.1208771 00
4.0250005 02	4.7393526-01	5.7222850 00	6.1962203 00
4.0300005 02	7.9419615-01	5.6712453 00	6.4654415 00
4.0330005 02	1.2156769 00	5.6646871 00	6.8803639 00
4.0350005 02	1.6804314 00	5.6861560 00	7.3665874 00
4.0380005 02	2.8174004 00	5.7909449 00	8.6083453 00
4.0400005 02	3.9837002 00	5.9359424 00	9.9196425 00
4.0430005 02	6.5323764 00	6.3180762 00	1.2850453 01
4.0450005 02	8.8266871 00	6.7090776 00	1.5535765 01
4.0480005 02	1.3094089 01	7.9181533 00	2.0612243 01
4.0500005 02	1.6307925 01	8.1889916 00	2.4496916 01
4.0520005 02	1.9560893 01	8.9261529 00	2.8487046 01
4.0540005 02	2.2561152 01	9.6757150 00	3.2236867 01
4.0550005 02	2.3867838 01	1.0034693 01	3.3902532 01
4.0560005 02	2.4994700 01	1.0371463 01	3.5366163 01
4.0580005 02	2.6579908 01	1.0945027 01	3.7524935 01
4.0600005 02	2.7122247 01	1.1338082 01	3.8460329 01
4.0620005 02	2.6553324 01	1.1513010 01	3.8066334 01
4.0640005 02	2.4946243 01	1.1459932 01	3.6406175 01
4.0650005 02	2.3811355 01	1.1352741 01	3.5164095 01
4.0660005 02	2.2499034 01	1.1197604 01	3.3696638 01
4.0680005 02	1.9494418 01	1.0768460 01	3.0262877 01
4.0700005 02	1.6245442 01	1.0229334 01	2.6474776 01
4.0720005 02	1.3041641 01	9.6403505 00	2.2681991 01
4.0750005 02	8.7935852 00	8.7775446 00	1.7571130 01
4.0770004 02	6.5110585 00	8.2696846 00	1.4780743 01
4.0800005 02	3.9745047 00	7.6525729 00	1.1627078 01
4.0850005 02	1.6776188 00	6.9972653 00	8.6748841 00
4.0900005 02	7.8935196-01	6.6624185 00	7.4517704 00
4.0950005 02	4.6657465-01	6.4851713 00	6.9517459 00
4.1000005 02	3.3197453-01	6.3762375 00	6.7082120 00
4.1100005 02	2.1714951-01	6.2389278 00	6.4560773 00
4.1300005 02	1.3448533-01	6.0790885 00	6.2135739 00
4.1500005 02	1.0399642-01	5.9749841 00	6.0789805 00

TABLE III (Continued)

T = 0.1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.1600005 02	9.5782972-02	5.9323009 00	6.0280838 00
4.1700005 02	9.0115628-02	5.8933300 00	5.9834457 00
4.1800005 02	8.6233429-02	5.8569801 00	5.9432135 00
4.2000005 02	8.2176635-02	5.7892487 00	5.8714253 00
4.2200005 02	8.1733711-02	5.7248545 00	5.8065883 00
4.2400005 02	8.4402909-02	5.6608256 00	5.7452284 00
4.2500005 02	8.6992659-02	5.6281105 00	5.7151031 00
4.2700005 02	9.5390019-02	5.5594458 00	5.6548357 00
4.2800005 02	1.0175809-01	5.5225815 00	5.6243396 00
4.2900005 02	1.1021070-01	5.4832427 00	5.5934534 00
4.3000005 02	1.2157574-01	5.4406127 00	5.5621884 00
4.3200005 02	1.5944517-01	5.3406322 00	5.5000774 00
4.3400005 02	2.4560870-01	5.2067920 00	5.4524007 00
4.3500005 02	3.3971305-01	5.1176790 00	5.4573920 00
4.3600005 02	5.4898766-01	5.0105550 00	5.5595426 00
4.3700005 02	1.3983061 00	5.0084010 00	6.4067071 00
4.3750005 02	2.9380878 00	5.3484777 00	8.2865656 00
4.3800005 02	6.5814199 00	6.4754204 00	1.3056840 01
4.3830005 02	1.0344775 01	7.8071033 00	1.8151878 01
4.3850005 02	1.3600360 01	9.0356103 00	2.2635971 01
4.3880005 02	1.9444694 01	1.1375200 01	3.0819894 01
4.3900005 02	2.3718279 01	1.3187986 01	3.6906265 01
4.3920005 02	2.7960881 01	1.5084769 01	4.3045649 01
4.3940005 02	3.1813635 01	1.6924154 01	4.8737789 01
4.3950005 02	3.3475935 01	1.7772574 01	5.1248509 01
4.3980005 02	3.6899512 01	1.9799073 01	5.6698585 01
4.4000005 02	3.7580255 01	2.0559826 01	5.8140081 01
4.4020005 02	3.6866674 01	2.0760414 01	5.7627088 01
4.4030005 02	3.6006876 01	2.0646937 01	5.6653812 01
4.4050005 02	3.3405000 01	2.0021122 01	5.3426121 01
4.4060005 02	3.1735335 01	1.9531157 01	5.1266492 01
4.4080005 02	2.7875750 01	1.8272905 01	4.6148655 01
4.4100005 02	2.3637387 01	1.6763727 01	4.0401114 01
4.4120004 02	1.9376027 01	1.5149323 01	3.4525349 01
4.4150005 02	1.3557291 01	1.2806522 01	2.6363813 01
4.4170005 02	1.0318795 01	1.1428360 01	2.1747154 01
4.4200005 02	6.5752795 00	9.7473767 00	1.6322656 01
4.4250005 02	2.9469547 00	7.9564402 00	1.0903395 01
4.4300005 02	1.4091706 00	7.0610930 00	8.4702636 00
4.4350005 02	8.1133952-01	6.6199427 00	7.4312821 00
4.4400005 02	5.6022299-01	6.3746137 00	6.9348367 00
4.4450005 02	4.3195619-01	6.2142556 00	6.6462118 00
4.4500005 02	3.5456022-01	6.0969357 00	6.4514959 00
4.4600005 02	2.6465377-01	5.9290022 00	6.1936559 00
4.4800005 02	1.8722913-01	5.7166560 00	5.9038851 00
4.5000005 02	1.5891699-01	5.5732205 00	5.7321375 00
4.5500005 02	1.5536316-01	5.3089482 00	5.4643113 00
4.6000005 02	2.0244669-01	5.0739605 00	5.2764072 00
4.6300005 02	2.6228567-01	4.9324336 00	5.1947192 00
4.6500005 02	3.2604097-01	4.8424308 00	5.1684717 00
4.6600005 02	3.6927339-01	4.8022704 00	5.1715438 00
4.6800005 02	4.9201034-01	4.7467435 00	5.2387537 00
4.7000005 02	6.9930070-01	4.7734739 00	5.4727745 00
4.7100005 02	8.6116678-01	4.8590702 00	5.7202369 00
4.7200005 02	1.0913769 00	5.0444437 00	6.1358206 00
4.7300005 02	1.4356558 00	5.4169747 00	6.8526305 00
4.7500005 02	2.9705347 00	7.7970478 00	1.0767582 01
4.7550005 02	3.7970758 00	9.3502169 00	1.3147293 01
4.7600005 02	5.0870458 00	1.2000605 01	1.7087651 01
4.7650005 02	7.2884544 00	1.6934020 01	2.4222473 01
4.7700005 02	1.1365632 01	2.6810280 01	3.8175911 01
4.7750005 02	1.9110564 01	4.6779052 01	6.5889615 01
4.7800005 02	3.2947649 01	8.4203677 01	1.1715132 02

TABLE III (Continued)

T = 0.1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.7830005 02	4.4895750 01	1.1754058 02	1.6243633 02
4.7850005 02	5.4293093 01	1.4426163 02	1.9855472 02
4.7880005 02	6.9855788 01	1.8941620 02	2.5927199 02
4.7900005 02	8.0510055 01	2.2103608 02	3.0154613 02
4.7950005 02	1.0331406 02	2.9186168 02	3.9517574 02
4.7980005 02	1.1093019 02	3.1856236 02	4.2949254 02
4.8000005 02	1.1241727 02	3.2642949 02	4.3884676 02
4.8030005 02	1.0892825 02	3.2185351 02	4.3078175 02
4.8050005 02	1.0310097 02	3.0847402 02	4.1157499 02
4.8100005 02	8.0219920 01	2.4903632 02	3.2925623 02
4.8130005 02	6.4276097 01	2.0521952 02	2.6949561 02
4.8150005 02	5.4060542 01	1.7648570 02	2.3054624 02
4.8200005 02	3.2813228 01	1.1512893 02	1.4794216 02
4.8250005 02	1.9043385 01	7.3868364 01	9.2911178 01
4.8300005 02	1.1326593 01	4.9772277 01	6.1098870 01
4.8350005 02	7.2573130 00	3.6431935 01	4.3689248 01
4.8400005 02	5.0584525 00	2.8824120 01	3.3882573 01
4.8500005 02	2.9463295 00	2.0973494 01	2.3919823 01
4.8600005 02	1.9678326 00	1.7007906 01	1.8975737 01
4.8700005 02	1.4195666 00	1.4620753 01	1.6040320 01
4.8800005 02	1.0783150 00	1.3034877 01	1.4113192 01
4.8900005 02	8.5072909-01	1.1909993 01	1.2760722 01
4.9000005 02	6.9125061-01	1.1073161 01	1.1764411 01
4.9200005 02	4.8854097-01	9.9142425 00	1.0402783 01
4.9500005 02	3.3061190-01	8.8550282 00	9.1856400 00
4.9800005 02	2.5635391-01	8.1840965 00	8.4404503 00
5.0000005 02	2.3655111-01	7.8442059 00	8.0807570 00
5.0200005 02	2.4330015-01	7.5463894 00	7.7896896 00
5.0500005 02	3.8466648-01	7.1004796 00	7.4851460 00
5.0600005 02	5.9861239-01	6.9375962 00	7.5362086 00
5.0700005 02	1.5952613 00	6.9564265 00	8.5516877 00
5.0750005 02	3.2956882 00	7.3909843 00	1.0686672 01
5.0800005 02	6.9112263 00	8.6293881 00	1.5540614 01
5.0850005 02	1.3170972 01	1.1130110 01	2.4301082 01
5.0880005 02	1.8019903 01	1.3255439 01	3.1275342 01
5.0900005 02	2.1435029 01	1.4844149 01	3.6279178 01
5.0930005 02	2.6270505 01	1.7259555 01	4.3530060 01
5.0950005 02	2.8927812 01	1.8725567 01	4.7653379 01
5.0970005 02	3.0853411 01	1.9940579 01	5.0793990 01
5.1000005 02	3.1985515 01	2.1074911 01	5.3060426 01
5.1030005 02	3.0814547 01	2.1213535 01	5.2028081 01
5.1050005 02	2.8868572 01	2.0754866 01	4.9623438 01
5.1100005 02	2.1357047 01	1.8151386 01	3.9508433 01
5.1150005 02	1.3112081 01	1.4733886 01	2.7845967 01
5.1200004 02	6.8762392 00	1.1841845 01	1.8718084 01
5.1250004 02	3.2704560 00	9.9694744 00	1.3239930 01
5.1300005 02	1.5675459 00	8.9445726 00	1.0512118 01
5.1400005 02	5.5775715-01	8.1228503 00	8.6806074 00
5.1500005 02	3.3246386-01	7.8041089 00	8.1365727 00
5.1600004 02	2.3915472-01	7.6150193 00	7.8541740 00
5.1700005 02	1.8693319-01	7.4808718 00	7.6678050 00
5.1800005 02	1.5392476-01	7.3773721 00	7.5312968 00
5.1900004 02	1.3138851-01	7.2932061 00	7.4245946 00
5.2000004 02	1.1512911-01	7.2222374 00	7.3373665 00
5.2200005 02	9.3389974-02	7.1065464 00	7.1999363 00
5.2500005 02	7.4489188-02	6.9732339 00	7.0477230 00
5.2700004 02	6.6497423-02	6.9009399 00	6.9674373 00
5.3000004 02	5.8214035-02	6.8084980 00	6.8667120 00
5.3200005 02	5.4289215-02	6.7545765 00	6.8088656 00
5.3500005 02	5.0009074-02	6.6819841 00	6.7319932 00
5.3700005 02	4.7974824-02	6.6377905 00	6.6857653 00
5.4000005 02	4.5913938-02	6.5760908 00	6.6220048 00
5.4300005 02	4.4920972-02	6.5182666 00	6.5631876 00



TABLE III (Continued)

T = 0.1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
5.4500004 02	4.4851546-02	6.4810691 00	6.5259207 00
5.4800005 02	4.5750528-02	6.4261418 00	6.4718923 00
5.5000005 02	4.7168313-02	6.3893816 00	6.4365499 00
5.5300004 02	5.1019570-02	6.3325344 00	6.3835540 00
5.5500005 02	5.5288155-02	6.2923474 00	6.3476356 00
5.5700005 02	6.1751845-02	6.2490121 00	6.3107639 00
5.5900005 02	7.1884983-02	6.2007522 00	6.2726371 00
5.6000004 02	7.9211569-02	6.1739284 00	6.2531400 00
5.6100005 02	8.8939794-02	6.1446149 00	6.2335546 00
5.6200005 02	1.0232953-01	6.1120448 00	6.2143743 00
5.6300005 02	1.2170925-01	6.0751093 00	6.1968185 00
5.6400004 02	1.5193903-01	6.0322088 00	6.1841479 00
5.6500005 02	2.0570060-01	5.9814416 00	6.1871422 00
5.6600005 02	3.4340378-01	5.9317556 00	6.2751593 00
5.6700004 02	9.7409821-01	6.0266653 00	7.0007635 00
5.6750004 02	1.9552236 00	6.3387113 00	8.2939348 00
5.6800005 02	3.8604591 00	7.0741458 00	1.0934605 01
5.6850005 02	6.8968787 00	8.3953499 00	1.5292228 01
5.6900005 02	1.0651242 01	1.0204662 01	2.0855904 01
5.6950005 02	1.3909982 01	1.1998359 01	2.5908340 01
5.6970004 02	1.4729162 01	1.2545100 01	2.7274263 01
5.7000005 02	1.5215056 01	1.3053852 01	2.8268908 01
5.7030005 02	1.4726069 01	1.3117182 01	2.7843252 01
5.7050004 02	1.3907331 01	1.2915571 01	2.6822902 01
5.7070005 02	1.2766424 01	1.2540645 01	2.5307069 01
5.7100004 02	1.0662616 01	1.1738803 01	2.2401419 01
5.7150004 02	6.9395993 00	1.0135087 01	1.7074686 01
5.7200005 02	3.9411466 00	8.7057376 00	1.2646884 01
5.7250005 02	2.0726569 00	7.7276183 00	9.8002752 00
5.7300005 02	1.1278014 00	7.1753282 00	8.3031296 00
5.7350005 02	7.2789631-01	6.9055764 00	7.6334727 00
5.7400005 02	5.8965021-01	6.7948395 00	7.3844897 00
5.7450004 02	5.6941328-01	6.7786499 00	7.3480631 00
5.7500004 02	6.1548422-01	6.8426083 00	7.4580925 00
5.7550005 02	7.2596880-01	7.0159114 00	7.7418802 00
5.7600005 02	9.3381417-01	7.3883495 00	8.3221637 00
5.7650005 02	1.3255518 00	8.1750776 00	9.5006292 00
5.7700005 02	2.0751240 00	9.8205662 00	1.1895690 01
5.7750005 02	3.4603742 00	1.3067189 01	1.6527563 01
5.7800004 02	5.7792007 00	1.8776437 01	2.4555637 01
5.7850004 02	9.0914308 00	2.7280501 01	3.6371932 01
5.7900005 02	1.2885932 01	3.7465561 01	5.0351493 01
5.7950005 02	1.6021631 01	4.6475292 01	6.2496923 01
5.7970003 02	1.6793544 01	4.8954772 01	6.5748316 01
5.8000005 02	1.7239082 01	5.0901698 01	6.8140780 01
5.8030005 02	1.6772216 01	5.0493386 01	6.7265602 01
5.8050005 02	1.5988023 01	4.8955993 01	6.4944016 01
5.8100005 02	1.2834101 01	4.1730738 01	5.4564839 01
5.8150004 02	9.0380326 00	3.2324312 01	4.1362344 01
5.8200004 02	5.7308295 00	2.3744782 01	2.9475611 01
5.8250004 02	3.4135715 00	1.7489066 01	2.0902637 01
5.8300005 02	2.0229473 00	1.3569477 01	1.5592424 01
5.8350005 02	1.2622112 00	1.1311385 01	1.2573596 01
5.8400005 02	8.5464386-01	1.0024614 01	1.0879258 01
5.8500005 02	4.8559393-01	8.7482515 00	9.2338454 00
5.8600004 02	3.2636071-01	8.1299974 00	8.4563580 00
5.8700005 02	2.3933053-01	7.7602514 00	7.9995820 00
5.8800005 02	1.8550593-01	7.5129474 00	7.6984534 00
5.8900004 02	1.4958345-01	7.3355687 00	7.4851522 00
5.9000005 02	1.2428522-01	7.2018978 00	7.3261830 00
5.9200005 02	9.1687473-02	7.0131547 00	7.1048422 00
5.9500005 02	6.5119748-02	6.8354893 00	6.9006091 00
5.9700004 02	5.4604240-02	6.7543556 00	6.8089599 00

TABLE III (Continued)

T = 0.1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
6.0000004 02	4.4246516-02	6.6635974 00	6.7078439 00
6.0500005 02	3.4361522-02	6.5588373 00	6.5931987 00
6.1000005 02	2.8867857-02	6.4851866 00	6.5140544 00
6.1500004 02	2.5505716-02	6.4285113 00	6.4540170 00
6.2000005 02	2.3328565-02	6.3820611 00	6.4053897 00
6.2500005 02	2.1886291-02	6.3421581 00	6.3640444 00
6.3000004 02	2.0948333-02	6.3065529 00	6.3275012 00
6.4000005 02	2.0172263-02	6.2425977 00	6.2627699 00
6.5000005 02	2.0728568-02	6.1816648 00	6.2023934 00
6.5500004 02	2.1632928-02	6.1500878 00	6.1717207 00
6.6000005 02	2.3158377-02	6.1163893 00	6.1395476 00
6.6500005 02	2.5630668-02	6.0791669 00	6.1047976 00
6.7000004 02	2.9685582-02	6.0364893 00	6.0661748 00
6.7500005 02	3.6673855-02	5.9855576 00	6.0222314 00
6.7800004 02	4.3473448-02	5.9494448 00	5.9929183 00
6.8000005 02	4.9870152-02	5.9224566 00	5.9723267 00
6.8300005 02	6.4180017-02	5.8770740 00	5.9412540 00
6.8500004 02	7.9017592-02	5.8438072 00	5.9228248 00
6.8800005 02	1.1736391-01	5.7938233 00	5.9111873 00
6.9000005 02	1.6547937-01	5.7716845 00	5.9371639 00
6.9100005 02	2.0338501-01	5.7729049 00	5.9762899 00
6.9200004 02	2.5789110-01	5.7935384 00	6.0514295 00
6.9300005 02	3.4088808-01	5.8542458 00	6.1951337 00
6.9400005 02	4.7846631-01	6.0057195 00	6.4841858 00
6.9500005 02	7.4363363-01	6.4090042 00	7.1526379 00
6.9600004 02	1.4032355 00	7.7303176 00	9.1335530 00
6.9700005 02	3.4242920 00	1.2626377 01	1.6050669 01
6.9750005 02	5.5765537 00	1.8282657 01	2.3859210 01
6.9800005 02	8.8057588 00	2.7153461 01	3.5959220 01
6.9850005 02	1.2975266 01	3.9084103 01	5.2059368 01
6.9900005 02	1.7375600 01	5.2277562 01	6.9653162 01
6.9950004 02	2.0810626 01	6.3388250 01	8.4198875 01
6.9970005 02	2.1634791 01	6.6415550 01	8.8050340 01
7.0000004 02	2.2108061 01	6.8869241 01	9.0977302 01
7.0020003 02	2.1885670 01	6.8986369 01	9.0872037 01
7.0050005 02	2.0780947 01	6.6908497 01	8.7689443 01
7.0100005 02	1.7330611 01	5.8496874 01	7.5827485 01
7.0150005 02	1.2932543 01	4.6746100 01	5.9678643 01
7.0200005 02	8.7756752 00	3.5073534 01	4.3849209 01
7.0300004 02	3.4157667 00	1.9157082 01	2.2572849 01
7.0400005 02	1.3992402 00	1.2611864 01	1.4011104 01
7.0500005 02	7.3967568-01	1.0195130 01	1.0934805 01
7.0600005 02	4.7470812-01	9.0961868 00	9.5708949 00
7.0700004 02	3.3745777-01	8.4689948 00	8.8064524 00
7.0800005 02	2.5473621-01	8.0602981 00	8.3150343 00
7.0900005 02	2.0043838-01	7.7728579 00	7.9732962 00
7.1000005 02	1.6268850-01	7.5599767 00	7.7226652 00
7.1100004 02	1.3530439-01	7.3961902 00	7.5314945 00
7.1300005 02	9.8965667-02	7.1610951 00	7.2600607 00
7.1500005 02	7.6554120-02	7.0007462 00	7.0773003 00
7.1700005 02	6.1731272-02	6.8844675 00	6.9461987 00
7.2000005 02	4.7378171-02	6.7596739 00	6.8070520 00
7.2200004 02	4.0921447-02	6.6976479 00	6.7385693 00
7.2500004 02	3.3997778-02	6.6249986 00	6.6589964 00
7.2700005 02	3.0608291-02	6.5862395 00	6.6168478 00
7.3000005 02	2.6733887-02	6.5383533 00	6.5650872 00
7.3500005 02	2.2186279-02	6.4591846 00	6.4813709 00

TABLE IV  
Mo CROSS SECTIONS  
Mo Temperature = 0.2 ev

Neutron Energy, $E_n$ (ev)	Radiative Capture Cross Section, $\sigma_\gamma$ (barns)	Scattering Cross Section, $\sigma_S$ (barns)	Total Cross Section, $\sigma_T$ (barns)
2.5300005-02	2.7353085 00	5.6819072 00	8.4172157 00
4.0000008-02	2.1759033 00	5.6088527 00	7.7847559 00
5.0000009-02	1.9465012 00	5.5836852 00	7.5301863 00
7.0000008-02	1.6456253 00	5.5548864 00	7.2005117 00
1.0000005-01	1.3774965 00	5.5332237 00	6.9107202 00
2.0000005-01	9.7561817-01	5.5076750 00	6.4832931 00
5.0000005-01	6.2007293-01	5.4913228 00	6.1113957 00
1.0000005 00	4.4213034-01	5.4841414 00	5.9262717 00
2.0000005 00	3.1808643-01	5.4772058 00	5.7952922 00
5.0000005 00	2.1303066-01	5.4614812 00	5.6745118 00
1.0000005 01	1.6942041-01	5.4335060 00	5.6029264 00
1.5000005 01	1.6158658-01	5.3996624 00	5.5612490 00
2.0000005 01	1.7287046-01	5.3572110 00	5.5300814 00
2.5000005 01	2.0821277-01	5.3023677 00	5.5105804 00
3.0000005 01	2.9486823-01	5.2312085 00	5.5260767 00
3.2000005 01	3.6210748-01	5.1989007 00	5.5610081 00
3.4000005 01	4.6968407-01	5.1682541 00	5.6379381 00
3.5000005 01	5.4925251-01	5.1564619 00	5.7057143 00
3.6000005 01	6.5675629-01	5.1506532 00	5.8074095 00
3.7000005 01	8.0700817-01	5.1566446 00	5.9636528 00
3.8000005 01	1.0262582 00	5.1859960 00	6.2122542 00
3.9000005 01	1.3648065 00	5.2632890 00	6.6280955 00
4.0000005 01	1.9296384 00	5.4460866 00	7.3757250 00
4.1000005 01	2.9845834 00	5.8897418 00	8.8743253 00
4.1500005 01	3.9002321 00	6.3382540 00	1.0238486 01
4.2000005 01	5.3496182 00	7.1210355 00	1.2470654 01
4.2500005 01	7.8736680 00	8.6157772 00	1.6489445 01
4.2800005 01	1.0449513 01	1.0249551 01	2.0699063 01
4.3000005 01	1.3036467 01	1.1965549 01	2.5002016 01
4.3200005 01	1.6910496 01	1.4639121 01	3.1549617 01
4.3500005 01	2.7941613 01	2.2672794 01	5.0614408 01
4.3700005 01	4.3126532 01	3.4246344 01	7.7372876 01
4.3900005 01	7.1441618 01	5.6496727 01	1.2793834 02
4.4000005 01	9.3166509 01	7.3871873 01	1.6703839 02
4.4100005 01	1.2133183 02	9.6637701 01	2.1796953 02
4.4200004 01	1.5656891 02	1.2539671 02	2.8196563 02
4.4300005 01	1.9878278 02	1.6016918 02	3.5895196 02
4.4400005 01	2.4683307 02	2.0011804 02	4.4695111 02
4.4500005 01	2.9833252 02	2.4336426 02	5.4169679 02
4.4600004 01	3.4968368 02	2.8699534 02	6.3667902 02
4.4700005 01	3.9641438 02	3.2732176 02	7.2373615 02
4.4800005 01	4.3380631 02	3.6038339 02	7.9418970 02
4.4900005 01	4.5770046 02	3.8261427 02	8.4031473 02
4.5000005 01	4.6529215 02	3.9151563 02	8.5680778 02
4.5100005 01	4.5569510 02	3.8614848 02	8.4184357 02
4.5200005 01	4.3011889 02	3.6731524 02	7.9743413 02
4.5300005 01	3.9160683 02	3.3737477 02	7.2898160 02
4.5400005 01	3.4441729 02	2.9975274 02	6.4417003 02
4.5500005 01	2.9321893 02	2.5828375 02	5.5150269 02
4.5600005 01	2.4232370 02	2.1657061 02	4.5889431 02
4.5700004 01	1.9511915 02	1.7749668 02	3.7261583 02
4.5800005 01	1.5379428 02	1.4297753 02	2.9677181 02
4.5900005 01	1.1934594 02	1.1394529 02	2.3329123 02
4.6000005 01	9.1792417 01	9.0509730 01	1.8230214 02
4.6100004 01	7.0489116 01	7.2211342 01	1.4270046 02
4.6300005 01	4.2569111 01	4.7844875 01	9.0413987 01
4.6500005 01	2.7467957 01	3.4313722 01	6.1781679 01
4.6700005 01	1.9178138 01	2.6653666 01	4.5831804 01
4.7000005 01	1.2590519 01	2.0329911 01	3.2920430 01
4.7200004 01	1.0029259 01	1.7777048 01	2.7806306 01
4.7500005 01	7.4955956 00	1.5173972 01	2.2669567 01
4.7700005 01	6.3224613 00	1.3933434 01	2.0255895 01
4.8000005 01	5.0304640 00	1.2531566 01	1.7562031 01

TABLE IV (Continued)

T = 0.2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_B$ (barns)	$\sigma_T$ (barns)
4.8200005 01	4.3819564 00	1.1809674 01	1.6191631 01
4.8500005 01	3.6252474 00	1.0947083 01	1.4572330 01
4.9000005 01	2.7432584 00	9.9046562 00	1.2647915 01
4.9500005 01	2.1519573 00	9.1739254 00	1.1325883 01
5.0000005 01	1.7357990 00	8.6372060 00	1.0373005 01
5.1000005 01	1.2027324 00	7.9083249 00	9.1110573 00
5.2000004 01	8.8691067-01	7.4413814 00	8.3282920 00
5.3000005 01	6.8475795-01	7.1193293 00	7.8040873 00
5.4000005 01	5.4789292-01	6.8848964 00	7.4327892 00
5.5000005 01	4.5123670-01	6.7070388 00	7.1582755 00
5.7000005 01	3.2807047-01	6.4552555 00	6.7833259 00
6.0000005 01	2.3374262-01	6.2181724 00	6.4519149 00
6.2000005 01	2.0318952-01	6.1087680 00	6.3119576 00
6.4000005 01	1.9228474-01	6.0199861 00	6.2122708 00
6.5000005 01	1.9584665-01	5.9800470 00	6.1758936 00
6.6000005 01	2.0901984-01	5.9412591 00	6.1502789 00
6.7000005 01	2.3932159-01	5.9018764 00	6.1411980 00
6.8000005 01	3.0705265-01	5.8590575 00	6.1661101 00
6.8500005 01	3.7223230-01	5.8347723 00	6.2070046 00
6.9000005 01	4.8482514-01	5.8070511 00	6.2918763 00
6.9300005 01	5.9856466-01	5.7880688 00	6.3866334 00
6.9500005 01	7.1301603-01	5.7743242 00	6.4873402 00
6.9700005 01	8.8436842-01	5.7600373 00	6.6444058 00
6.9900004 01	1.1605684 00	5.7464672 00	6.9070355 00
7.0000005 01	1.3648060 00	5.7409147 00	7.1057206 00
7.0200005 01	1.9961997 00	5.7363292 00	7.7325288 00
7.0400005 01	3.1093622 00	5.7503389 00	8.8597011 00
7.0500005 01	3.9347302 00	5.7698116 00	9.7045417 00
7.0700004 01	6.3113957 00	5.8483033 00	1.2159699 01
7.0800005 01	7.9191195 00	5.9134812 00	1.3832601 01
7.0900005 01	9.8169792 00	5.9993330 00	1.5816312 01
7.1000005 01	1.1981163 01	6.1070795 00	1.8088242 01
7.1100003 01	1.4354893 01	6.2362266 00	2.0591119 01
7.1200005 01	1.6846325 01	6.3841267 00	2.3230452 01
7.1300005 01	1.9331146 01	6.5457635 00	2.5876910 01
7.1400004 01	2.1661367 01	6.7138848 00	2.8375252 01
7.1500005 01	2.3679432 01	6.8794907 00	3.0558923 01
7.1600003 01	2.5235730 01	7.0326796 00	3.2268409 01
7.1700005 01	2.6207663 01	7.1637387 00	3.3371402 01
7.1800005 01	2.6516048 01	7.2643013 00	3.3780349 01
7.1900005 01	2.6136046 01	7.3283765 00	3.3464423 01
7.2000005 01	2.5100651 01	7.3530622 00	3.2453713 01
7.2100003 01	2.3495766 01	7.3387988 00	3.0834565 01
7.2200004 01	2.1448059 01	7.2891588 00	2.8737218 01
7.2300005 01	1.9107971 01	7.2102139 00	2.6318185 01
7.2400003 01	1.6631121 01	7.1096139 00	2.3740735 01
7.2500005 01	1.4161258 01	6.9955773 00	2.1156835 01
7.2600005 01	1.1817336 01	6.8759530 00	1.8693289 01
7.2700005 01	9.6860372 00	6.7574937 00	1.6443531 01
7.2800005 01	7.8194896 00	6.6453886 00	1.4464878 01
7.2900004 01	6.2387354 00	6.5431526 00	1.2781888 01
7.3000005 01	4.9390308 00	6.4526790 00	1.1391710 01
7.3100003 01	3.8977277 00	6.3745270 00	1.0272254 01
7.3200005 01	3.0815067 00	6.3082532 00	9.3897598 00
7.3300005 01	2.4528422 00	6.2527738 00	8.7056160 00
7.3500005 01	1.6138130 00	6.1684475 00	7.7822604 00
7.3700005 01	1.1358357 00	6.1100433 00	7.2458791 00
7.4000005 01	7.6021453-01	6.0515534 00	6.8117679 00
7.4200005 01	6.1951126-01	6.0238459 00	6.6433572 00
7.4500005 01	4.8438259-01	5.9918706 00	6.4762532 00
7.4700004 01	4.2262163-01	5.9747372 00	6.3973588 00
7.5000005 01	3.5446110-01	5.9532985 00	6.3077596 00
7.5500005 01	2.7955821-01	5.9248157 00	6.2043739 00

TABLE IV (Continued)

T = 0.2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
7.6000005 01	2.3171089-01	5.9022540 00	6.1339648 00
7.7000004 01	1.7556427-01	5.8673673 00	6.0429315 00
7.8000005 01	1.4466690-01	5.8403188 00	5.9849857 00
8.0000005 01	1.1295590-01	5.7981461 00	5.9111020 00
8.2000005 01	9.7540841-02	5.7643105 00	5.8618513 00
8.4000005 01	8.8889798-02	5.7349456 00	5.8238354 00
9.0000005 01	7.8965638-02	5.6592650 00	5.7382307 00
9.2000005 01	7.8404386-02	5.6358009 00	5.7142052 00
9.5000005 01	7.9293341-02	5.6007470 00	5.6800403 00
9.8000005 01	8.2158363-02	5.5648385 00	5.6469968 00
1.0000005 02	8.5250705-02	5.5398655 00	5.6251163 00
1.0500005 02	9.8293083-02	5.4710801 00	5.5693732 00
1.1000005 02	1.2342962-01	5.3870218 00	5.5104514 00
1.1500005 02	1.7438535-01	5.2756450 00	5.4500303 00
1.2000005 02	2.9617172-01	5.1153169 00	5.4114886 00
1.2200005 02	3.9703204-01	5.0304684 00	5.4279005 00
1.2300005 02	4.7151132-01	4.9830503 00	5.4545615 00
1.2400005 02	5.7212181-01	4.9330876 00	5.5052093 00
1.2500005 02	7.1282843-01	4.8827804 00	5.5956087 00
1.2600005 02	9.1851387-01	4.8377694 00	5.7562832 00
1.2700005 02	1.2373483 00	4.8123729 00	6.0497211 00
1.2800005 02	1.7738862 00	4.8452922 00	6.6191783 00
1.2900005 02	2.7982746 00	5.0575037 00	7.8557782 00
1.2950005 02	3.7219018 00	5.3486778 00	9.0705795 00
1.3000005 02	5.2980343 00	5.9854764 00	1.1283511 01
1.3050005 02	8.5661615 00	7.6557208 00	1.6221882 01
1.3080005 02	1.2611791 01	1.0054999 01	2.2666790 01
1.3100005 02	1.7114339 01	1.2928930 01	3.0043269 01
1.3130005 02	2.8598141 01	2.0699592 01	4.9297733 01
1.3150005 02	4.0977435 01	2.9427511 01	7.0404946 01
1.3180005 02	6.9303114 01	5.0073036 01	1.1937615 02
1.3200005 02	9.5509638 01	6.9687467 01	1.6519711 02
1.3230005 02	1.4388027 02	1.0684447 02	2.5072474 02
1.3250005 02	1.7860494 02	1.3427043 02	3.1287536 02
1.3270005 02	2.1063592 02	1.6034319 02	3.7097910 02
1.3280005 02	2.2400272 02	1.7160251 02	3.9560523 02
1.3300005 02	2.4345068 02	1.8895282 02	4.3240350 02
1.3320005 02	2.5011188 02	1.9685404 02	4.4696592 02
1.3350005 02	2.3418631 02	1.8877428 02	4.2296059 02
1.3360005 02	2.2272858 02	1.8120449 02	4.0393308 02
1.3370005 02	2.0918739 02	1.7189061 02	3.8107801 02
1.3380005 02	1.9362497 02	1.6086764 02	3.5449260 02
1.3400005 02	1.5982453 02	1.3626285 02	2.9608739 02
1.3420005 02	1.2564786 02	1.1070170 02	2.3634956 02
1.3450005 02	8.0936181 01	7.6364273 01	1.5730045 02
1.3470005 02	5.7977333 01	5.8287639 01	1.1626497 02
1.3500005 02	3.4045343 01	3.8954201 01	7.2999543 01
1.3520005 02	2.3879403 01	3.0481507 01	5.4360910 01
1.3550005 02	1.4565294 01	2.2430040 01	3.6995334 01
1.3570005 02	1.0914407 01	1.9122112 01	3.0036519 01
1.3600005 02	7.5898392 00	1.5950168 01	2.3540008 01
1.3650005 02	4.8112560 00	1.3066213 01	1.7877468 01
1.3700005 02	3.4179251 00	1.1471876 01	1.4889801 01
1.3750005 02	2.5829250 00	1.0442499 01	1.3025424 01
1.3800005 02	2.0306889 00	9.7179273 00	1.1748616 01
1.3900005 02	1.3598393 00	8.7656113 00	1.0125450 01
1.4000005 02	9.7979242-01	8.1695903 00	9.1493826 00
1.4100005 02	7.4268857-01	7.7628141 00	8.5055026 00
1.4200005 02	5.8457365-01	7.4681440 00	8.0527176 00
1.4300005 02	4.7382013-01	7.2450999 00	7.7189199 00
1.4400005 02	3.9325670-01	7.0704538 00	7.4637104 00
1.4500005 02	3.3288336-01	6.9299493 00	7.2628326 00
1.4600005 02	2.8655293-01	6.8143630 00	7.1009160 00

TABLE IV (Continued)

T = 0.2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
1.4800005 02	2.2157657-01	6.6348995 00	6.8564761 00
1.5000005 02	1.7998719-01	6.5009412 00	6.6809284 00
1.5400005 02	1.3844659-01	6.3075075 00	6.4459541 00
1.5500005 02	1.3586862-01	6.2674044 00	6.4032730 00
1.5700005 02	1.4847253-01	6.1882458 00	6.3367183 00
1.5800005 02	1.7743748-01	6.1441461 00	6.3215835 00
1.5850005 02	2.1047938-01	6.1185384 00	6.3290178 00
1.5900005 02	2.8526271-01	6.0888448 00	6.3741075 00
1.5920005 02	3.4446588-01	6.0756945 00	6.4201604 00
1.5950005 02	5.0628488-01	6.0557604 00	6.5620453 00
1.5970005 02	6.9331228-01	6.0434525 00	6.7367647 00
1.5990005 02	9.8337008-01	6.0339839 00	7.0173540 00
1.6000005 02	1.2038991 00	6.0323100 00	7.2362091 00
1.6020005 02	1.7490942 00	6.0347131 00	7.7838072 00
1.6040005 02	2.5023798 00	6.0495845 00	8.5519643 00
1.6050005 02	2.9607863 00	6.0592653 00	9.0200516 00
1.6070005 02	4.1329552 00	6.1033834 00	1.0236339 01
1.6090005 02	5.5460549 00	6.1730072 00	1.1719062 01
1.6100005 02	6.1015429 00	6.2061105 00	1.2307653 01
1.6110005 02	7.0894844 00	6.2672654 00	1.3356750 01
1.6120005 02	7.6392493 00	6.3031883 00	1.3942438 01
1.6130005 02	8.5946386 00	6.3795444 00	1.4974183 01
1.6140005 02	9.1765608 00	6.4203748 00	1.5596936 01
1.6150005 02	9.8820235 00	6.4990493 00	1.6381073 01
1.6160005 02	1.0521439 01	6.5489901 00	1.7070429 01
1.6170005 02	1.0807773 01	6.6139043 00	1.7421677 01
1.6180005 02	1.1449055 01	6.6743266 00	1.8123382 01
1.6190005 02	1.1282988 01	6.7136616 00	1.7996649 01
1.6200005 02	1.1772181 01	6.7784932 00	1.8550674 01
1.6220005 02	1.1420374 01	6.8462545 00	1.8266628 01
1.6250005 02	9.8178610 00	6.8509470 00	1.6668808 01
1.6300005 02	6.0436100 00	6.7382972 00	1.2781907 01
1.6350005 02	2.9413534 00	6.5511233 00	9.4924767 00
1.6400005 02	1.1890597 00	6.3925733 00	7.5816331 00
1.6450005 02	4.8825462-01	6.2976600 00	6.7859146 00
1.6500005 02	2.6290945-01	6.2442589 00	6.5071683 00
1.6600005 02	1.4630380-01	6.1858669 00	6.3321706 00
1.6700005 02	1.0941308-01	6.1499788 00	6.2593918 00
1.6800005 02	9.0426839-02	6.1231646 00	6.2135914 00
1.6900005 02	7.8831795-02	6.1013369 00	6.1801687 00
1.7000005 02	7.0974300-02	6.0826794 00	6.1536538 00
1.7200005 02	6.0860779-02	6.0514340 00	6.1122948 00
1.7500005 02	5.2033652-02	6.0138186 00	6.0658522 00
1.8000005 02	4.3778430-02	5.9649668 00	6.0087452 00
1.8500005 02	3.8828391-02	5.9262576 00	5.9650860 00
1.9000005 02	3.5461303-02	5.8939040 00	5.9293652 00
2.0000005 02	3.1181337-02	5.8410437 00	5.8722250 00
2.1000005 02	2.8661201-02	5.7976380 00	5.8262992 00
2.2000005 02	2.7125989-02	5.7594350 00	5.7865610 00
2.3000005 02	2.6249122-02	5.7238806 00	5.7501296 00
2.4000005 02	2.5905365-02	5.6891270 00	5.7150323 00
2.5000005 02	2.6111120-02	5.6534192 00	5.6795302 00
2.6000005 02	2.7134366-02	5.6149141 00	5.6420485 00
2.7000005 02	3.0024755-02	5.5694846 00	5.5995093 00
2.7500005 02	3.3515891-02	5.5412063 00	5.5747223 00
2.8000005 02	4.1869750-02	5.5042649 00	5.5461347 00
2.8200005 02	4.9137486-02	5.4845871 00	5.5337245 00
2.8400005 02	6.2768884-02	5.4593724 00	5.5221414 00
2.8600005 02	9.4299559-02	5.4239249 00	5.5182244 00
2.8700005 02	1.3060549-01	5.3994730 00	5.5300785 00
2.8800005 02	2.3079901-01	5.3734191 00	5.6042181 00
2.8850005 02	3.7807727-01	5.3737765 00	5.7518537 00
2.8900005 02	7.3414130-01	5.4191272 00	6.1532685 00

TABLE IV (Continued)

T = 0.2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
2.8950005 02	1.5475318 00	5.5813565 00	7.1288882 00
2.9000005 02	3.1523058 00	5.9712908 00	9.1235966 00
2.9030005 02	4.5923423 00	6.3571737 00	1.0949516 01
2.9050005 02	5.7337262 00	6.6796212 00	1.2413347 01
2.9070005 02	6.9885723 00	7.0491860 00	1.4037759 01
2.9090005 02	8.2945632 00	7.4502769 00	1.5744840 01
2.9100005 02	8.9412094 00	7.6561359 00	1.6597345 01
2.9120005 02	1.0179299 01	8.0669672 00	1.8246266 01
2.9150005 02	1.1727763 01	8.6279252 00	2.0355688 01
2.9170005 02	1.2420365 01	8.9231433 00	2.1343508 01
2.9200005 02	1.2832393 01	9.2007244 00	2.2033117 01
2.9230005 02	1.2395316 01	9.2336163 00	2.1628932 01
2.9250005 02	1.1689677 01	9.1258903 00	2.0815567 01
2.9280005 02	1.0130158 01	8.7913748 00	1.8921533 01
2.9300005 02	8.8916985 00	8.4887773 00	1.7380476 01
2.9320005 02	7.5942955 00	8.1494356 00	1.5743731 01
2.9350005 02	5.6988264 00	7.6222335 00	1.3321060 01
2.9370004 02	4.5664889 00	7.2901729 00	1.1856662 01
2.9400005 02	3.1386412 00	6.8508719 00	9.9895131 00
2.9450005 02	1.5469123 00	6.3214464 00	7.8683587 00
2.9500005 02	7.3719354-01	6.0170107 00	6.7542042 00
2.9550005 02	3.8047962-01	5.8573392 00	6.2378187 00
2.9600005 02	2.3210673-01	5.7724640 00	6.0045708 00
2.9700005 02	1.3151221-01	5.6880294 00	5.8195416 00
2.9800005 02	9.5743475-02	5.6420646 00	5.7378079 00
2.9900005 02	7.6829020-02	5.6106148 00	5.6874437 00
3.0000005 02	6.5399567-02	5.5868300 00	5.6522295 00
3.0100005 02	5.7965788-02	5.5676669 00	5.6256326 00
3.0300005 02	4.9311542-02	5.5374153 00	5.5867268 00
3.0500005 02	4.4847929-02	5.5132095 00	5.5580575 00
3.1000005 02	4.0982023-02	5.4639660 00	5.5049479 00
3.1200005 02	4.0830669-02	5.4461797 00	5.4870103 00
3.1500005 02	4.1439317-02	5.4200712 00	5.4615105 00
3.2000005 02	4.4169140-02	5.3760940 00	5.4202632 00
3.2500005 02	4.8961732-02	5.3294559 00	5.3784176 00
3.3000005 02	5.6397223-02	5.2784800 00	5.3348772 00
3.3300005 02	6.2675089-02	5.2453207 00	5.3079957 00
3.3500005 02	6.7918537-02	5.2220728 00	5.2899912 00
3.3800005 02	7.7956839-02	5.1856009 00	5.2635577 00
3.4000005 02	8.6608728-02	5.1604748 00	5.2470835 00
3.4300005 02	1.0389070-01	5.1226617 00	5.2265524 00
3.4500005 02	1.1956087-01	5.0987597 00	5.2183205 00
3.4700005 02	1.4018996-01	5.0780940 00	5.2182840 00
3.5000005 02	1.8598044-01	5.0621904 00	5.2481708 00
3.5200005 02	2.3316818-01	5.0744120 00	5.3075802 00
3.5400005 02	3.0435067-01	5.1277548 00	5.4321054 00
3.5500005 02	3.5445867-01	5.1828438 00	5.5373025 00
3.5700005 02	5.0595095-01	5.4068253 00	5.9127762 00
3.5800005 02	6.2496201-01	5.6239371 00	6.2488991 00
3.5900005 02	7.9568489-01	5.9771806 00	6.7728655 00
3.6000005 02	1.0548074 00	6.5781290 00	7.6329363 00
3.6100005 02	1.4818878 00	7.6804350 00	9.1623228 00
3.6200005 02	2.2896963 00	1.0000847 01	1.2290543 01
3.6300005 02	4.1846726 00	1.6062579 01	2.0247251 01
3.6350005 02	6.1490924 00	2.2766655 01	2.8915747 01
3.6400005 02	9.4384844 00	3.4422283 01	4.3860767 01
3.6450005 02	1.4671467 01	5.3542436 01	6.8213904 01
3.6500005 02	2.2220511 01	8.1864447 01	1.0408496 02
3.6550005 02	3.1673706 01	1.1826007 02	1.4993378 02
3.6580005 02	3.7640003 01	1.4178128 02	1.7942129 02
3.6600005 02	4.1424252 01	1.5698812 02	1.9841237 02
3.6620005 02	4.4845754 01	1.7101864 02	2.1586439 02
3.6650005 02	4.8911979 01	1.8834264 02	2.3725462 02

TABLE IV (Continued)

T = 0.2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
3.6660005 02	4.9904701 01	1.9280883 02	2.4271354 02
3.6680005 02	5.1254390 01	1.9939408 02	2.5064847 02
3.6720004 02	5.1197092 01	2.0216669 02	2.5336378 02
3.6750005 02	4.8778477 01	1.9505865 02	2.4383713 02
3.6770004 02	4.6192006 01	1.8644584 02	2.3263784 02
3.6800005 02	4.1217255 01	1.6901652 02	2.1023377 02
3.6820005 02	3.7425764 01	1.5533147 02	1.9275723 02
3.6850005 02	3.1469340 01	1.3338535 02	1.6485469 02
3.6900005 02	2.2067437 01	9.7885380 01	1.1995282 02
3.6950005 02	1.4576607 01	6.8868561 01	8.3445168 01
3.7000005 02	9.3847749 00	4.8250511 01	5.7635286 01
3.7050005 02	6.1161711 00	3.4910435 01	4.1026605 01
3.7100005 02	4.1599201 00	2.6671500 01	3.0831421 01
3.7200005 02	2.2693590 00	1.8304056 01	2.0573414 01
3.7300005 02	1.4645263 00	1.4475993 01	1.5940519 01
3.7400005 02	1.0404663 00	1.2331918 01	1.3372384 01
3.7500005 02	7.8396521-01	1.0965032 01	1.1748997 01
3.7600005 02	6.1547348-01	1.0022486 01	1.0637960 01
3.7800005 02	4.1361124-01	8.8167984 00	9.2304096 00
3.8000005 02	3.0157358-01	8.0846106 00	8.3861841 00
3.8200005 02	2.3317837-01	7.5951086 00	7.8282869 00
3.8500005 02	1.7234687-01	7.1039686 00	7.2763154 00
3.9000005 02	1.2454843-01	6.6012267 00	6.7257750 00
3.9300005 02	1.1425788-01	6.3902429 00	6.5045008 00
3.9500005 02	1.1471689-01	6.2671113 00	6.3818282 00
3.9700005 02	1.2432600-01	6.1487278 00	6.2730538 00
3.9900005 02	1.5393028-01	6.0241120 00	6.1780423 00
4.0000005 02	1.8788482-01	5.9532933 00	6.1411781 00
4.0100005 02	2.7006089-01	5.8721719 00	6.1422327 00
4.0200005 02	5.9487611-01	5.7962367 00	6.3911128 00
4.0250005 02	1.0871227 00	5.7965370 00	6.8836597 00
4.0300005 02	2.1074010 00	5.8822577 00	7.9896587 00
4.0330005 02	3.1131716 00	6.0073562 00	9.1205278 00
4.0350005 02	3.9887141 00	6.1328417 00	1.0121556 01
4.0380005 02	5.6480749 00	6.3988156 00	1.2046890 01
4.0400005 02	6.9902221 00	6.6343354 00	1.3624558 01
4.0430005 02	9.3024563 00	7.0722571 00	1.6374714 01
4.0450005 02	1.0983342 01	7.4131658 00	1.8396507 01
4.0480005 02	1.3592557 01	7.9836332 00	2.1576190 01
4.0500005 02	1.5285960 01	8.3861497 00	2.3672109 01
4.0520005 02	1.6808172 01	8.7764330 00	2.5584605 01
4.0540005 02	1.8115539 01	9.1465256 00	2.7262065 01
4.0550005 02	1.8644035 01	9.3137372 00	2.7957773 01
4.0560005 02	1.9107693 01	9.4743979 00	2.8582091 01
4.0580005 02	1.9713001 01	9.7353430 00	2.9448343 01
4.0600005 02	1.9933312 01	9.9317224 00	2.9865034 01
4.0620005 02	1.9693388 01	1.0033742 01	2.9727130 01
4.0640005 02	1.9069878 01	1.0055122 01	2.9125000 01
4.0650005 02	1.8598700 01	1.0029030 01	2.8627730 01
4.0660005 02	1.8063861 01	9.9890621 00	2.8052923 01
4.0680005 02	1.6745963 01	9.8407361 00	2.6586699 01
4.0700005 02	1.5219147 01	9.6333578 00	2.4852505 01
4.0720005 02	1.3525719 01	9.3666038 00	2.2892323 01
4.0750005 02	1.0923479 01	8.9119254 00	1.9835405 01
4.0770004 02	9.2509254 00	8.5949959 00	1.7845922 01
4.0800005 02	6.9535196 00	8.1263663 00	1.5079886 01
4.0850005 02	3.9726587 00	7.4518758 00	1.1424534 01
4.0900005 02	2.1028400 00	6.9668594 00	9.0696994 00
4.0950005 02	1.0843897 00	6.6535064 00	7.7378960 00
4.1000005 02	5.9021487-01	6.4620749 00	7.0522897 00
4.1100005 02	2.6046778-01	6.2634355 00	6.5239032 00
4.1300005 02	1.3966796-01	6.0847646 00	6.2244326 00
4.1500005 02	1.0569838-01	5.9773437 00	6.0830421 00



TABLE IV (Continued)

T = 0.2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.1600005 02	9.6895055-02	5.9339437 00	6.0308388 00
4.1700005 02	9.0892817-02	5.8944992 00	5.9853921 00
4.1800005 02	8.6811848-02	5.8578156 00	5.9446275 00
4.2000005 02	8.2564596-02	5.7896379 00	5.8722026 00
4.2200005 02	8.2074675-02	5.7249254 00	5.8070001 00
4.2400005 02	8.4793481-02	5.6605980 00	5.7453914 00
4.2500005 02	8.7448896-02	5.6277190 00	5.7151679 00
4.2700005 02	9.6110915-02	5.5586333 00	5.6547441 00
4.2800005 02	1.0272718-01	5.5214799 00	5.6242071 00
4.2900005 02	1.1157332-01	5.4817583 00	5.5933316 00
4.3000005 02	1.2358780-01	5.4386116 00	5.5621994 00
4.3200005 02	1.6474709-01	5.3368360 00	5.5015831 00
4.3400005 02	2.6858704-01	5.1996599 00	5.4682469 00
4.3500005 02	4.2969009-01	5.1209117 00	5.5506018 00
4.3600005 02	1.0420835 00	5.1396034 00	6.1816868 00
4.3700005 02	3.5503529 00	5.8000822 00	9.3504352 00
4.3750005 02	6.4017765 00	6.7625330 00	1.3164310 01
4.3800005 02	1.0685596 01	8.3660778 00	1.9051674 01
4.3830005 02	1.3862237 01	9.6382764 00	2.3500514 01
4.3850005 02	1.6136302 01	1.0588129 01	2.6724431 01
4.3880005 02	1.9588942 01	1.2097804 01	3.1686745 01
4.3900005 02	2.1779155 01	1.3107529 01	3.4886685 01
4.3920005 02	2.3758456 01	1.4070127 01	3.7828583 01
4.3940005 02	2.5424111 01	1.4940818 01	4.0364929 01
4.3950005 02	2.6109932 01	1.5328119 01	4.1438050 01
4.3980005 02	2.7466128 01	1.6240559 01	4.3706687 01
4.4000005 02	2.7723799 01	1.6604172 01	4.4327972 01
4.4020005 02	2.7441833 01	1.6750912 01	4.4192744 01
4.4030005 02	2.7102840 01	1.6741424 01	4.3844263 01
4.4050005 02	2.6054071 01	1.6560602 01	4.2614673 01
4.4060005 02	2.5359831 01	1.6393301 01	4.1753132 01
4.4080005 02	2.3681467 01	1.5920219 01	3.9601686 01
4.4100005 02	2.1695430 01	1.5289513 01	3.6984943 01
4.4120004 02	1.9504740 01	1.4539115 01	3.4043854 01
4.4150005 02	1.6060923 01	1.3278419 01	2.9339342 01
4.4170005 02	1.3797632 01	1.2405874 01	2.6203506 01
4.4200005 02	1.0640596 01	1.1134645 01	2.1775241 01
4.4250005 02	6.3884028 00	9.3112773 00	1.5699680 01
4.4300005 02	3.5575536 00	7.9930158 00	1.1550569 01
4.4350005 02	1.9143631 00	7.1471111 00	9.0614742 00
4.4400005 02	1.0594300 00	6.6430060 00	7.7024360 00
4.4450005 02	6.4497931-01	6.3476313 00	6.9926107 00
4.4500005 02	4.4668745-01	6.1664345 00	6.6131219 00
4.4600005 02	2.8816815-01	5.9544456 00	6.2426138 00
4.4800005 02	1.9268823-01	5.7243792 00	5.9170673 00
4.5000005 02	1.6111610-01	5.5764937 00	5.7376098 00
4.5500005 02	1.5622204-01	5.3093639 00	5.4655859 00
4.6000005 02	2.0379323-01	5.0738769 00	5.2776701 00
4.6300005 02	2.6474437-01	4.9329089 00	5.1976532 00
4.6500005 02	3.3009169-01	4.8443250 00	5.1744166 00
4.6600005 02	3.7463960-01	4.8056043 00	5.1802438 00
4.6800005 02	5.0218338-01	4.7564030 00	5.2585864 00
4.7000005 02	7.2140065-01	4.8021764 00	5.5235770 00
4.7100005 02	8.9620452-01	4.9109658 00	5.8071703 00
4.7200005 02	1.1509651 00	5.1440150 00	6.2949801 00
4.7300005 02	1.5480247 00	5.6276645 00	7.1756892 00
4.7500005 02	3.7232490 00	9.6035432 00	1.3326792 01
4.7550005 02	5.1951518 00	1.2888399 01	1.8083551 01
4.7600005 02	7.6870098 00	1.8877066 01	2.6564075 01
4.7650005 02	1.1881666 01	2.9540606 01	4.1422272 01
4.7700005 02	1.8631635 01	4.7445901 01	6.6077537 01
4.7750005 02	2.8668359 01	7.4984809 01	1.0365317 02
4.7800005 02	4.2047050 01	1.1279899 02	1.5484604 02

TABLE IV (Continued)

T = 0.2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.7830005 02	5.1250798 01	1.3943165 02	1.9068245 02
4.7850005 02	5.7592389 01	1.5808456 02	2.1567695 02
4.7880005 02	6.6903485 01	1.8599970 02	2.5290318 02
4.7900005 02	7.2646541 01	2.0362908 02	2.7627562 02
4.7950005 02	8.3702443 01	2.3937545 02	3.2307788 02
4.7980005 02	8.7092826 01	2.5210634 02	3.3919916 02
4.8000005 02	8.7741050 01	2.5609462 02	3.4383566 02
4.8030005 02	8.6180971 01	2.5483478 02	3.4101575 02
4.8050005 02	8.3529045 01	2.4928364 02	3.3281269 02
4.8100005 02	7.2368110 01	2.2167185 02	2.9403995 02
4.8130005 02	6.3565146 01	1.9834800 02	2.6191315 02
4.8150005 02	5.7301626 01	1.8132616 02	2.3862778 02
4.8200005 02	4.1815290 01	1.3813503 02	1.7995032 02
4.8250005 02	2.8519568 01	9.9907043 01	1.2842661 02
4.8300005 02	1.8552264 01	7.0428443 01	8.8980706 01
4.8350005 02	1.1843854 01	4.9978439 01	6.1822293 01
4.8400005 02	7.6665739 00	3.6784675 01	4.4451248 01
4.8500005 02	3.7068467 00	2.3478125 01	2.7184973 01
4.8600005 02	2.2250082 00	1.7926344 01	2.0151352 01
4.8700005 02	1.5327453 00	1.5052218 01	1.6584963 01
4.8800005 02	1.1382581 00	1.3275298 01	1.4413556 01
4.8900005 02	8.8598155-01	1.2057729 01	1.2943711 01
4.9000005 02	7.1351898-01	1.1170160 01	1.1883679 01
4.9200005 02	4.9888890-01	9.9620963 00	1.0460985 01
4.9500005 02	3.3500742-01	8.8754172 00	9.2104245 00
4.9800005 02	2.5923230-01	8.1935987 00	8.4528310 00
5.0000005 02	2.3993893-01	7.8492548 00	8.0891937 00
5.0200005 02	2.5006541-01	7.5471028 00	7.7971682 00
5.0500005 02	5.1968171-01	7.1202693 00	7.6399509 00
5.0600005 02	1.2602570 00	7.1481625 00	8.4084194 00
5.0700005 02	3.9021405 00	7.9109564 00	1.1813097 01
5.0750005 02	6.5763990 00	8.8941655 00	1.5470565 01
5.0800005 02	1.0296964 01	1.0409727 01	2.0706691 01
5.0850005 02	1.4738355 01	1.2383756 01	2.7122111 01
5.0880005 02	1.7438893 01	1.3675570 01	3.1114463 01
5.0900005 02	1.9116768 01	1.4524539 01	3.3641307 01
5.0930005 02	2.1271050 01	1.5698419 01	3.6969470 01
5.0950005 02	2.2367622 01	1.6366710 01	3.8734333 01
5.0970005 02	2.3127784 01	1.6908942 01	4.0036726 01
5.1000005 02	2.3557499 01	1.7435475 01	4.0992974 01
5.1030005 02	2.3097995 01	1.7577622 01	4.0675617 01
5.1050005 02	2.2320134 01	1.7455063 01	3.9775197 01
5.1100005 02	1.9040044 01	1.6474866 01	3.5514909 01
5.1150005 02	1.4657738 01	1.4831446 01	2.9489185 01
5.1200004 02	1.0230265 01	1.2977619 01	2.3207885 01
5.1250004 02	6.5278340 00	1.1293558 01	1.7821392 01
5.1300005 02	3.8659744 00	9.9818845 00	1.3847859 01
5.1400005 02	1.2241459 00	8.4895511 00	9.7136970 00
5.1500005 02	4.6979777-01	7.9064336 00	8.3762313 00
5.1600004 02	2.7135536-01	7.6508797 00	7.9222350 00
5.1700005 02	1.9865231-01	7.4986062 00	7.6972585 00
5.1800005 02	1.5998184-01	7.3882223 00	7.5482041 00
5.1900004 02	1.3493118-01	7.3005183 00	7.4354494 00
5.2000004 02	1.1736959-01	7.2274898 00	7.3448594 00
5.2200005 02	9.4440878-02	7.1096336 00	7.2040744 00
5.2500005 02	7.4928789-02	6.9749476 00	7.0498763 00
5.2700004 02	6.6775082-02	6.9022028 00	6.9689778 00
5.3000004 02	5.8373544-02	6.8093651 00	6.8677386 00
5.3200005 02	5.4408192-02	6.7552740 00	6.8096821 00
5.3500005 02	5.0094235-02	6.6825052 00	6.7325994 00
5.3700005 02	4.8047978-02	6.6382216 00	6.6862695 00
5.4000005 02	4.5979182-02	6.5764100 00	6.6223892 00
5.4300005 02	4.4988239-02	6.5184874 00	6.5634755 00

TABLE IV (Continued)

T = 0.2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
5.4500004 02	4.4926115-02	6.4812264 00	6.5261525 00
5.4800005 02	4.5848664-02	6.4261940 00	6.4720425 00
5.5000005 02	4.7295715-02	6.3893445 00	6.4366402 00
5.5300004 02	5.1231647-02	6.3323230 00	6.3835547 00
5.5500005 02	5.5613394-02	6.2919644 00	6.3475777 00
5.5700005 02	6.2296425-02	6.2483623 00	6.3106587 00
5.5900005 02	7.2912852-02	6.1996540 00	6.2725668 00
5.6000004 02	8.0715052-02	6.1724858 00	6.2532008 00
5.6100005 02	9.1273173-02	6.1426925 00	6.2339656 00
5.6200005 02	1.0626992-01	6.1094336 00	6.2157035 00
5.6300005 02	1.2948995-01	6.0716257 00	6.2011156 00
5.6400004 02	1.7549280-01	6.0304076 00	6.2059004 00
5.6500005 02	3.0756662-01	6.0035582 00	6.3111248 00
5.6600005 02	7.8185222-01	6.0922850 00	6.8741371 00
5.6700004 02	2.2463961 00	6.6019603 00	8.8483563 00
5.6750004 02	3.5962199 00	7.1547071 00	1.0750927 01
5.6800005 02	5.3699552 00	7.9419798 00	1.3311935 01
5.6850005 02	7.3917781 00	8.9089635 00	1.6300742 01
5.6900005 02	9.3182191 00	9.9139978 00	1.9232217 01
5.6950005 02	1.0719262 01	1.0755010 01	2.1474272 01
5.6970004 02	1.1027585 01	1.0993126 01	2.2020711 01
5.7000005 02	1.1233877 01	1.1237356 01	2.2471233 01
5.7030005 02	1.1028976 01	1.1293984 01	2.2322960 01
5.7050004 02	1.0723263 01	1.1251841 01	2.1975104 01
5.7070005 02	1.0254511 01	1.11128501 01	2.1383012 01
5.7100004 02	9.3340507 00	1.0820128 01	2.0154179 01
5.7150004 02	7.4315129 00	1.0080491 01	1.7512005 01
5.7200005 02	5.4448647 00	9.2250409 00	1.4669905 01
5.7250005 02	3.7148379 00	8.4268517 00	1.2141689 01
5.7300005 02	2.4153395 00	7.7945505 00	1.0209890 01
5.7350005 02	1.5643768 00	7.3684122 00	8.9327890 00
5.7400005 02	1.0877885 00	7.1457947 00	8.2335831 00
5.7450004 02	8.9011129-01	7.1207335 00	8.0108447 00
5.7500004 02	9.0382371-01	7.3211417 00	8.2249654 00
5.7550005 02	1.1118376 00	7.8392255 00	8.9510631 00
5.7600005 02	1.5510992 00	8.8517052 00	1.0402804 01
5.7650005 02	2.3008731 00	1.0615506 01	1.2916379 01
5.7700005 02	3.4530382 00	1.3415816 01	1.6868854 01
5.7750005 02	5.0606213 00	1.7447049 01	2.2507670 01
5.7800004 02	7.0710297 00	2.2644426 01	2.9715456 01
5.7850004 02	9.2760937 00	2.8536356 01	3.7812449 01
5.7900005 02	1.1317575 01	3.4232799 01	4.5550374 01
5.7950005 02	1.2770874 01	3.8616636 01	5.1387510 01
5.7970003 02	1.3103795 01	3.9769753 01	5.2873548 01
5.8000005 02	1.3289548 01	4.0710719 01	5.4000266 01
5.8030005 02	1.3086042 01	4.0646609 01	5.3732651 01
5.8050005 02	1.2742141 01	4.0052171 01	5.2794312 01
5.8100005 02	1.1267169 01	3.6875453 01	4.8142622 01
5.8150004 02	9.2143600 00	3.2001117 01	4.1215477 01
5.8200004 02	7.0062022 00	2.6499082 01	3.3505284 01
5.8250004 02	4.9957680 00	2.1314782 01	2.6310549 01
5.8300005 02	3.3852034 00	1.7033718 01	2.0418922 01
5.8350005 02	2.2221131 00	1.3844556 01	1.6066669 01
5.8400005 02	1.4490974 00	1.1648991 01	1.3098088 01
5.8500005 02	6.7291719-01	9.3026782 00	9.9755952 00
5.8600004 02	3.8599270-01	8.3246355 00	8.7106282 00
5.8700005 02	2.6302320-01	7.8451608 00	8.1081840 00
5.8800005 02	1.9740509-01	7.5586711 00	7.7560761 00
5.8900004 02	1.5643018-01	7.3634354 00	7.5198656 00
5.9000005 02	1.2855613-01	7.2202123 00	7.3487685 00
5.9200005 02	9.3634225-02	7.0223397 00	7.1159739 00
5.9500005 02	6.5889472-02	6.8396372 00	6.9055266 00
5.9700004 02	5.5066710-02	6.7570642 00	6.8121309 00

TABLE IV (Continued)

T = 0.2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
6.0000004 02	4.4487443-02	6.6652000 00	6.7096875 00
6.0500005 02	3.4461518-02	6.5596582 00	6.5941197 00
6.1000005 02	2.8917484-02	6.4856901 00	6.5146075 00
6.1500004 02	2.5533786-02	6.4288553 00	6.4543890 00
6.2000005 02	2.3346285-02	6.3823238 00	6.4056701 00
6.2500005 02	2.1898726-02	6.3423633 00	6.3642620 00
6.3000004 02	2.0958088-02	6.3067250 00	6.3276831 00
6.4000005 02	2.0180988-02	6.2427172 00	6.2628982 00
6.5000005 02	2.0741264-02	6.1817330 00	6.2024742 00
6.5500004 02	2.1650713-02	6.1501286 00	6.1717792 00
6.6000005 02	2.3185546-02	6.1163848 00	6.1395702 00
6.6500005 02	2.5675897-02	6.0791078 00	6.1047837 00
6.7000004 02	2.9768570-02	6.0363430 00	6.0661115 00
6.7500005 02	3.6846263-02	5.9852930 00	6.0221392 00
6.7800004 02	4.3762921-02	5.9490930 00	5.9928558 00
6.8000005 02	5.0297555-02	5.9220616 00	5.9723591 00
6.8300005 02	6.5015351-02	5.8767178 00	5.9417331 00
6.8500004 02	8.0426772-02	5.8437316 00	5.9241584 00
6.8800005 02	1.2102104-01	5.7958718 00	5.9168929 00
6.9000005 02	1.7372645-01	5.7799811 00	5.9537074 00
6.9100005 02	2.1691003-01	5.7897709 00	6.0066809 00
6.9200004 02	2.8242341-01	5.8307740 00	6.1131973 00
6.9300005 02	3.9428876-01	5.9535990 00	6.3478878 00
6.9400005 02	6.2140592-01	6.3231663 00	6.9445722 00
6.9500005 02	1.1695718 00	7.4806960 00	8.6502678 00
6.9600004 02	2.5297592 00	1.0811858 01	1.3341617 01
6.9700005 02	5.4281344 00	1.8545473 01	2.3973607 01
6.9750005 02	7.5721750 00	2.4535591 01	3.2107765 01
6.9800005 02	1.0056436 01	3.1693822 01	4.1750258 01
6.9850005 02	1.2616862 01	3.9334010 01	5.1950872 01
6.9900005 02	1.4877543 01	4.6410440 01	6.1287984 01
6.9950004 02	1.6437279 01	5.1743973 01	6.8181251 01
6.9970005 02	1.6789966 01	5.3155420 01	6.9945386 01
7.0000004 02	1.6987306 01	5.4355863 01	7.1343168 01
7.0020003 02	1.6891125 01	5.4512342 01	7.1403467 01
7.0050005 02	1.6413737 01	5.3781393 01	7.0195129 01
7.0100005 02	1.4837150 01	5.0220919 01	6.5058069 01
7.0150005 02	1.2569889 01	4.4457832 01	5.7027715 01
7.0200005 02	1.0012810 01	3.7588159 01	4.7600968 01
7.0300004 02	5.4055705 00	2.4555432 01	2.9961002 01
7.0400005 02	2.5233332 00	1.5906560 01	1.8429893 01
7.0500005 02	1.1675891 00	1.1542434 01	1.2710023 01
7.0600005 02	6.1910246-01	9.5930116 00	1.0212114 01
7.0700004 02	3.9143839-01	8.6741130 00	9.0655514 00
7.0800005 02	2.7945964-01	8.1628264 00	8.4422860 00
7.0900005 02	2.1403445-01	7.8330256 00	8.0470600 00
7.1000005 02	1.7096925-01	7.5987035 00	7.7696728 00
7.1100004 02	1.4068642-01	7.4226579 00	7.5633443 00
7.1300005 02	1.0155969-01	7.1750800 00	7.2766397 00
7.1500005 02	7.7965959-02	7.0090288 00	7.0869947 00
7.1700005 02	6.2567769-02	6.8897859 00	6.9523536 00
7.2000005 02	4.7805670-02	6.7627257 00	6.8105314 00
7.2200004 02	4.1210892-02	6.6998800 00	6.7410908 00
7.2500004 02	3.4169801-02	6.6264794 00	6.6606492 00
7.2700005 02	3.0734255-02	6.5874145 00	6.6181487 00
7.3000005 02	2.6816195-02	6.5392146 00	6.5660307 00

TABLE V  
Mo CROSS SECTIONS  
Mo Temperature = 0.5 ev

Neutron Energy, $E_n$ (ev)	Radiative Capture Cross Section, $\sigma_\gamma$ (barns)	Scattering Cross Section, $\sigma_s$ (barns)	Total Cross Section, $\sigma_T$ (barns)
2.5300005-02	2.7355142 00	5.9796812 00	8.7151953 00
4.0000008-02	2.1760686 00	5.7972533 00	7.9733219 00
5.0000009-02	1.9466498 00	5.7343992 00	7.6810490 00
7.0000008-02	1.6457511 00	5.6625278 00	7.3082789 00
1.0000005-01	1.3776022 00	5.6085608 00	6.9861629 00
2.0000005-01	9.7569365-01	5.5453243 00	6.5210179 00
5.0000005-01	6.2012228-01	5.5063594 00	6.1264816 00
1.0000005 00	4.4216717-01	5.4916376 00	5.9338046 00
2.0000005 00	3.1811542-01	5.4809285 00	5.7990439 00
5.0000005 00	2.1305623-01	5.4629421 00	5.6759983 00
1.0000005 01	1.6945367-01	5.4341995 00	5.6036532 00
1.5000005 01	1.6164068-01	5.4000829 00	5.5617235 00
2.0000005 01	1.7297470-01	5.3574697 00	5.5304444 00
2.5000005 01	2.0845678-01	5.3025046 00	5.5109615 00
3.0000005 01	2.9562347-01	5.2312743 00	5.5268977 00
3.2000005 01	3.6344259-01	5.1990239 00	5.5624664 00
3.4000005 01	4.7229289-01	5.1686631 00	5.6409559 00
3.5000005 01	5.5308436-01	5.1572451 00	5.7103294 00
3.6000005 01	6.6262864-01	5.1521732 00	5.8148018 00
3.7000005 01	8.1649867-01	5.1596687 00	5.9761674 00
3.8000005 01	1.0426818 00	5.1922780 00	6.2349597 00
3.9000005 01	1.3959659 00	5.2772925 00	6.6732583 00
4.0000005 01	1.9970641 00	5.4810778 00	7.4781418 00
4.1000005 01	3.1643361 00	5.9961419 00	9.1604780 00
4.1500005 01	4.2348995 00	6.5494576 00	1.0784357 01
4.2000005 01	6.0921114 00	7.6237408 00	1.3715852 01
4.2500005 01	1.0136901 01	1.0278696 01	2.0415596 01
4.2800005 01	1.5551252 01	1.4162549 01	2.9713801 01
4.3000005 01	2.1984791 01	1.8989554 01	4.0974345 01
4.3200005 01	3.2304358 01	2.6954927 01	5.9259285 01
4.3500005 01	5.9244773 01	4.8319614 01	1.0756439 02
4.3700005 01	8.7611368 01	7.1254626 01	1.5886599 02
4.3900005 01	1.2540202 02	1.0222049 02	2.2762251 02
4.4000005 01	1.4754922 02	1.2053821 02	2.6808744 02
4.4100005 01	1.7138306 02	1.4037811 02	3.1176117 02
4.4200004 01	1.9631337 02	1.6127176 02	3.5758513 02
4.4300005 01	2.2157658 02	1.8260227 02	4.0417885 02
4.4400005 01	2.4626709 02	2.0362802 02	4.4989511 02
4.4500005 01	2.6938633 02	2.2352191 02	4.9290824 02
4.4600004 01	2.8991126 02	2.4142670 02	5.3133795 02
4.4700005 01	3.0686843 02	2.5651636 02	5.6338480 02
4.4800005 01	3.1941366 02	2.6806249 02	5.8747615 02
4.4900005 01	3.2690318 02	2.7549506 02	6.0239825 02
4.5000005 01	3.2895094 02	2.7845227 02	6.0740322 02
4.5100005 01	3.2546156 02	2.7681070 02	6.0227225 02
4.5200005 01	3.1663821 02	2.7069539 02	5.8733360 02
4.5300005 01	3.0296238 02	2.6046575 02	5.6342814 02
4.5400005 01	2.8514907 02	2.4668149 02	5.3183056 02
4.5500005 01	2.6408346 02	2.3005192 02	4.9413539 02
4.5600005 01	2.4074713 02	2.1137587 02	4.5212299 02
4.5700004 01	2.1614005 02	1.9147720 02	4.0761725 02
4.5800005 01	1.9121268 02	1.7114778 02	3.6236046 02
4.5900005 01	1.6680678 02	1.5109712 02	3.1790390 02
4.6000005 01	1.4361413 02	1.3191606 02	2.7553018 02
4.6100004 01	1.2215647 02	1.1405831 02	2.3621478 02
4.6300005 01	8.5664621 01	8.3414326 01	1.6907895 02
4.6500005 01	5.8262437 01	6.0111218 01	1.1837366 02
4.6700005 01	3.9077510 01	4.3563028 01	8.2640538 01
4.7000005 01	2.1837352 01	2.8375643 01	5.0212995 01
4.7200004 01	1.5398395 01	2.2537192 01	3.7935587 01
4.7500005 01	9.9145508 00	1.7390186 01	2.7304736 01
4.7700005 01	7.8093061 00	1.5328232 01	2.3137538 01
4.8000005 01	5.8175339 00	1.3295823 01	1.9113357 01

TABLE V (Continued)

T = 0.5 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.8200005 01	4.9296796 00	1.2352661 01	1.7282340 01
4.8500005 01	3.9713104 00	1.1299093 01	1.5270403 01
4.9000005 01	2.9274730 00	1.0098979 01	1.3026452 01
4.9500005 01	2.2605347 00	9.2922803 00	1.1552815 01
5.0000005 01	1.8043755 00	8.7142876 00	1.0518663 01
5.1000005 01	1.2343092 00	7.9459016 00	9.1802109 00
5.2000004 01	9.0352273-01	7.4622197 00	8.3657425 00
5.3000005 01	6.9435215-01	7.1319674 00	7.8263195 00
5.4000005 01	5.5383665-01	6.8930860 00	7.4469227 00
5.5000005 01	4.5512999-01	6.7126227 00	7.1677527 00
5.7000005 01	3.2998556-01	6.4581570 00	6.7881425 00
6.0000005 01	2.3467824-01	6.2194568 00	6.4541349 00
6.2000005 01	2.0403725-01	6.1095179 00	6.3135551 00
6.4000005 01	1.9358217-01	6.0203040 00	6.2138861 00
6.5000005 01	1.9787269-01	5.9800787 00	6.1779514 00
6.6000005 01	2.1275629-01	5.9409228 00	6.1536790 00
6.7000005 01	2.4774016-01	5.9009183 00	6.1486584 00
6.8000005 01	3.3394850-01	5.8568320 00	6.1907805 00
6.8500005 01	4.3851326-01	5.8319257 00	6.2704389 00
6.9000005 01	6.9365667-01	5.8065768 00	6.5002335 00
6.9300005 01	1.0359272 00	5.7953320 00	6.8312592 00
6.9500005 01	1.4181906 00	5.7930839 00	7.2112745 00
6.9700005 01	1.9871079 00	5.7986947 00	7.7858025 00
6.9900004 01	2.8062831 00	5.8164778 00	8.6227609 00
7.0000005 01	3.3293099 00	5.8314966 00	9.1608064 00
7.0200005 01	4.6329887 00	5.8770016 00	1.0509991 01
7.0400005 01	6.2966863 00	5.9467853 00	1.2243472 01
7.0500005 01	7.2577489 00	5.9916823 00	1.3249431 01
7.0700004 01	9.3910588 00	6.1015273 00	1.5492586 01
7.0800005 01	1.0530701 01	6.1656872 00	1.6696388 01
7.0900005 01	1.1689736 01	6.2349754 00	1.7924712 01
7.1000005 01	1.2841467 01	6.3082293 00	1.9149696 01
7.1100003 01	1.3956264 01	6.3840062 00	2.0340270 01
7.1200005 01	1.5002803 01	6.4606090 00	2.1463412 01
7.1300005 01	1.5949671 01	6.5361658 00	2.2485837 01
7.1400004 01	1.6766767 01	6.6086998 00	2.3375467 01
7.1500005 01	1.7427117 01	6.6762378 00	2.4103354 01
7.1600003 01	1.7908045 01	6.7368806 00	2.4644926 01
7.1700005 01	1.8192961 01	6.7889283 00	2.4981889 01
7.1800005 01	1.8271899 01	6.8309574 00	2.5102856 01
7.1900005 01	1.8142400 01	6.8619004 00	2.5004301 01
7.2000005 01	1.7809529 01	6.8810913 00	2.4690621 01
7.2100003 01	1.7285493 01	6.8882957 00	2.4173788 01
7.2200004 01	1.6588974 01	6.8837139 00	2.3472689 01
7.2300005 01	1.5743950 01	6.8679572 00	2.2611908 01
7.2400003 01	1.4778319 01	6.8419873 00	2.1620305 01
7.2500005 01	1.3722284 01	6.8070641 00	2.0529348 01
7.2600005 01	1.2606914 01	6.7646578 00	1.9371572 01
7.2700005 01	1.1462534 01	6.7163665 00	1.8178901 01
7.2800005 01	1.0317389 01	6.6638222 00	1.6981210 01
7.2900004 01	9.1967067 00	6.6086293 00	1.5805336 01
7.3000005 01	8.1217308 00	6.5522770 00	1.4674008 01
7.3100003 01	7.1094754 00	6.4961011 00	1.3605576 01
7.3200005 01	6.1724106 00	6.4412399 00	1.2613651 01
7.3300005 01	5.3186708 00	6.3886144 00	1.1707285 01
7.3500005 01	3.8741939 00	6.2926576 00	1.0166852 01
7.3700005 01	2.7705467 00	6.2113627 00	8.9819094 00
7.4000005 01	1.6581880 00	6.1173186 00	7.7755066 00
7.4200005 01	1.1922721 00	6.0708609 00	7.2631329 00
7.4500005 01	7.6499521-01	6.0195902 00	6.7845853 00
7.4700004 01	5.9634767-01	5.9943319 00	6.5906796 00
7.5000005 01	4.4197103-01	5.9654040 00	6.4073750 00
7.5500005 01	3.1290196-01	5.9310332 00	6.2439352 00

TABLE V (Continued)

T = 0.5 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
7.6000005 01	2.4790349-01	5.9059736 00	6.1538770 00
7.7000004 01	1.8145180-01	5.8691213 00	6.0505730 00
7.8000005 01	1.4739762-01	5.8413175 00	5.9887150 00
8.0000005 01	1.1381708-01	5.7985837 00	5.9124008 00
8.2000005 01	9.7911244-02	5.7645485 00	5.8624597 00
8.4000005 01	8.9086326-02	5.7350886 00	5.8241749 00
9.0000005 01	7.9039325-02	5.6592802 00	5.7383194 00
9.2000005 01	7.8472292-02	5.6357874 00	5.7142596 00
9.5000005 01	7.9364115-02	5.6006915 00	5.6800556 00
9.8000005 01	8.2243287-02	5.5647371 00	5.6469804 00
1.0000005 02	8.5352023-02	5.5397281 00	5.6250801 00
1.0500005 02	9.8474354-02	5.4708219 00	5.5692962 00
1.1000005 02	1.2381670-01	5.3865570 00	5.5103736 00
1.1500005 02	1.7540753-01	5.2747971 00	5.4502047 00
1.2000005 02	2.9994825-01	5.1138363 00	5.4137846 00
1.2200005 02	4.0447765-01	5.0289209 00	5.4333985 00
1.2300005 02	4.8251692-01	4.9817943 00	5.4643111 00
1.2400005 02	5.8914300-01	4.9327596 00	5.5219026 00
1.2500005 02	7.4072797-01	4.8849334 00	5.6256614 00
1.2600005 02	9.6798303-01	4.8464778 00	5.8144608 00
1.2700005 02	1.3358223 00	4.8399322 00	6.1757545 00
1.2800005 02	2.0189721 00	4.9442527 00	6.9632248 00
1.2900005 02	3.8183018 00	5.6439978 00	9.4622996 00
1.2950005 02	6.1991042 00	6.9486191 00	1.3147723 01
1.3000005 02	1.1358839 01	1.0207552 01	2.1566391 01
1.3050005 02	2.2062672 01	1.7549989 01	3.9612662 01
1.3080005 02	3.2622860 01	2.5102163 01	5.7725022 01
1.3100005 02	4.1809621 01	3.1810872 01	7.3620493 01
1.3130005 02	5.9001906 01	4.4604161 01	1.0360606 02
1.3150005 02	7.2606951 01	5.4902385 01	1.2750934 02
1.3180005 02	9.5426070 01	7.2477945 01	1.6790402 02
1.3200005 02	1.1142092 02	8.5025582 01	1.9644651 02
1.3230005 02	1.3465269 02	1.0366016 02	2.3831285 02
1.3250005 02	1.4829562 02	1.1493419 02	2.6322980 02
1.3270005 02	1.5942593 02	1.2447396 02	2.8389989 02
1.3300005 02	1.6970119 02	1.3413372 02	3.0383490 02
1.3320005 02	1.7156075 02	1.3684921 02	3.0840996 02
1.3350005 02	1.6648838 02	1.3488792 02	3.0137630 02
1.3370005 02	1.5827597 02	1.2977810 02	2.8805406 02
1.3380005 02	1.5291601 02	1.2621198 02	2.7912799 02
1.3400005 02	1.4020426 02	1.1742534 02	2.5762960 02
1.3420005 02	1.2554137 02	1.0694799 02	2.3248936 02
1.3450005 02	1.0190329 02	8.9583828 01	1.9148712 02
1.3470005 02	8.6263850 01	7.7849395 01	1.6411324 02
1.3500005 02	6.4664747 01	6.1354416 01	1.2601916 02
1.3520005 02	5.2126468 01	5.1617468 01	1.0374394 02
1.3550005 02	3.6618881 01	3.9374963 01	7.5993844 01
1.3570005 02	2.8483059 01	3.2836437 01	6.1319495 01
1.3600005 02	1.9250989 01	2.5271420 01	4.4522409 01
1.3650005 02	1.0012522 01	1.7416069 01	2.7428592 01
1.3700005 02	5.5685357 00	1.3380902 01	1.8949438 01
1.3750005 02	3.4896956 00	1.1311154 01	1.4800849 01
1.3800005 02	2.4557164 00	1.0160251 01	1.2615968 01
1.3900005 02	1.4991737 00	8.9312569 00	1.0430430 01
1.4000005 02	1.0448108 00	8.2537064 00	9.2985172 00
1.4100005 02	7.7780746-01	7.8116119 00	8.5894194 00
1.4200005 02	6.0537017-01	7.4989405 00	8.1043107 00
1.4300005 02	4.8697808-01	7.2657398 00	7.7527179 00
1.4400005 02	4.0201672-01	7.0849285 00	7.4869452 00
1.4500005 02	3.3896079-01	6.9404656 00	7.2794264 00
1.4600005 02	2.9091930-01	6.8222205 00	7.1131397 00
1.4800005 02	2.2405090-01	6.6395634 00	6.8636143 00
1.5000005 02	1.8159423-01	6.5038372 00	6.6854313 00

TABLE V (Continued)

T = 0.5 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
1.5400005 02	1.4013952-01	6.3082672 00	6.4484066 00
1.5500005 02	1.3838862-01	6.2675363 00	6.4059249 00
1.5700005 02	1.6536772-01	6.1857260 00	6.3510936 00
1.5800005 02	2.8010028-01	6.1405843 00	6.4206846 00
1.5850005 02	4.6344444-01	6.1189554 00	6.5823998 00
1.5900005 02	8.5678387-01	6.1044769 00	6.9612608 00
1.5920005 02	1.0937455 00	6.1025520 00	7.1962975 00
1.5950005 02	1.5730031 00	6.1067060 00	7.6797092 00
1.5970005 02	1.9947371 00	6.1161685 00	8.1109056 00
1.6000005 02	2.7475162 00	6.1412874 00	8.8888035 00
1.6020005 02	3.3031281 00	6.1649722 00	9.4681002 00
1.6040005 02	3.9539798 00	6.1965637 00	1.0150543 01
1.6050005 02	4.2560833 00	6.2140499 00	1.0470133 01
1.6070005 02	4.9650155 00	6.2569352 00	1.1221951 01
1.6090005 02	5.5938699 00	6.3031280 00	1.1896998 01
1.6100005 02	5.9497572 00	6.3289109 00	1.2278668 01
1.6110005 02	6.2165121 00	6.3509027 00	1.2567415 01
1.6120005 02	6.4793967 00	6.3773363 00	1.2856733 01
1.6130005 02	6.7923796 00	6.4060429 00	1.3198422 01
1.6140005 02	7.0140762 00	6.4285687 00	1.3442645 01
1.6150005 02	7.1694151 00	6.4521188 00	1.3621534 01
1.6160005 02	7.3844460 00	6.4801234 00	1.3864570 01
1.6170005 02	7.5404036 00	6.5017853 00	1.4042189 01
1.6180005 02	7.5754197 00	6.5198085 00	1.4095229 01
1.6190005 02	7.6490143 00	6.5428675 00	1.4191882 01
1.6200005 02	7.7150901 00	6.5617153 00	1.4276805 01
1.6220005 02	7.5557077 00	6.5875440 00	1.4143252 01
1.6250005 02	7.1236656 00	6.6100906 00	1.3733756 01
1.6300005 02	5.8794046 00	6.6004885 00	1.2479893 01
1.6350005 02	4.1926171 00	6.5347609 00	1.0727378 01
1.6400005 02	2.6994045 00	6.4477013 00	9.1471057 00
1.6450005 02	1.5465443 00	6.3609130 00	7.9074571 00
1.6500005 02	8.3466351-01	6.2901946 00	7.1248580 00
1.6600005 02	2.5284147-01	6.2016980 00	6.4545395 00
1.6700005 02	1.2710522-01	6.1556254 00	6.2827306 00
1.6800005 02	9.5060031-02	6.1258941 00	6.2209541 00
1.6900005 02	8.0959717-02	6.1029877 00	6.1839474 00
1.7000005 02	7.2145690-02	6.0838005 00	6.1559461 00
1.7200005 02	6.1327655-02	6.0520646 00	6.1133922 00
1.7500005 02	5.2208646-02	6.0141701 00	6.0663787 00
1.8000005 02	4.3838348-02	5.9651544 00	6.0089928 00
1.8500005 02	3.8857807-02	5.9263787 00	5.9652365 00
1.9000005 02	3.5478697-02	5.8939901 00	5.9294688 00
2.0000005 02	3.1189502-02	5.8410915 00	5.8722809 00
2.1000005 02	2.8666109-02	5.7976661 00	5.8263321 00
2.2000005 02	2.7129624-02	5.7594484 00	5.7865780 00
2.3000005 02	2.6252491-02	5.7238812 00	5.7501337 00
2.4000005 02	2.5909386-02	5.6891143 00	5.7150236 00
2.5000005 02	2.6122933-02	5.6534601 00	5.6795830 00
2.6000005 02	2.7148591-02	5.6148227 00	5.6419713 00
2.7000005 02	3.0080227-02	5.5693109 00	5.5993911 00
2.7500005 02	3.3669601-02	5.5408840 00	5.5745537 00
2.8000005 02	4.2528038-02	5.5034698 00	5.5459979 00
2.8200005 02	5.0614579-02	5.4832825 00	5.5338970 00
2.8400005 02	6.7184887-02	5.4569865 00	5.5241713 00
2.8600005 02	1.3562977-01	5.4250022 00	5.5606320 00
2.8700005 02	3.0328119-01	5.4293524 00	5.7326335 00
2.8800005 02	8.5377286-01	5.5259797 00	6.3797525 00
2.8850005 02	1.3963850 00	5.6476865 00	7.0440713 00
2.8900005 02	2.2275223 00	5.8576724 00	8.0851946 00
2.8950005 02	3.3359030 00	6.1562179 00	9.4921210 00
2.9000005 02	4.6080641 00	6.5273786 00	1.1135443 01
2.9030005 02	5.5252779 00	6.8082145 00	1.2333493 01



TABLE V (Continued)

T = 0.5 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
2.9050005 02	6.0771794 00	6.9853237 00	1.3062503 01
2.9070005 02	6.6006823 00	7.1595630 00	1.3760245 01
2.9090005 02	7.0805109 00	7.3262622 00	1.4406773 01
2.9100005 02	7.2959207 00	7.3969900 00	1.4692910 01
2.9120005 02	7.7235259 00	7.5551624 00	1.5278689 01
2.9150005 02	8.1258300 00	7.7377046 00	1.5863534 01
2.9170005 02	8.3092514 00	7.8331181 00	1.6142369 01
2.9200005 02	8.5454940 00	7.9673168 00	1.6512811 01
2.9230005 02	8.2919731 00	7.9605189 00	1.6252492 01
2.9250005 02	8.0978093 00	7.9470105 00	1.6044820 01
2.9280005 02	7.6864120 00	7.8946007 00	1.5581013 01
2.9300005 02	7.2541307 00	7.8048543 00	1.5058985 01
2.9320005 02	6.7646048 00	7.6935435 00	1.4458149 01
2.9350005 02	6.0218594 00	7.5095247 00	1.3531384 01
2.9370004 02	5.4728249 00	7.3691559 00	1.2841981 01
2.9400005 02	4.5651765 00	7.1251028 00	1.1690280 01
2.9450005 02	3.3128734 00	6.7681713 00	1.0081045 01
2.9500005 02	2.2053323 00	6.4292452 00	8.6345774 00
2.9550005 02	1.3975357 00	6.1679710 00	7.5655067 00
2.9600005 02	8.5694470-01	5.9776157 00	6.8345604 00
2.9700005 02	3.0994428-01	5.7587401 00	6.0686842 00
2.9800005 02	1.3901104-01	5.6651217 00	5.8041328 00
2.9900005 02	8.8768757-02	5.6198427 00	5.7086114 00
3.0000005 02	6.9929109-02	5.5915758 00	5.6615048 00
3.0100005 02	6.0426961-02	5.5705926 00	5.6310195 00
3.0300005 02	5.0295140-02	5.5387594 00	5.5890546 00
3.0500005 02	4.5333759-02	5.5139026 00	5.5592364 00
3.1000005 02	4.1129454-02	5.4640866 00	5.5052159 00
3.1200005 02	4.0940932-02	5.4462064 00	5.4871473 00
3.1500005 02	4.1524684-02	5.4200048 00	5.4615295 00
3.2000005 02	4.4251696-02	5.3759288 00	5.4201805 00
3.2500005 02	4.9070727-02	5.3292190 00	5.3782897 00
3.3000005 02	5.6567492-02	5.2781889 00	5.3347564 00
3.3300005 02	6.2910581-02	5.2450166 00	5.3079271 00
3.3500005 02	6.8217375-02	5.2217751 00	5.2899924 00
3.3800005 02	7.8399267-02	5.1853657 00	5.2637650 00
3.4000005 02	8.7198637-02	5.1603488 00	5.2475474 00
3.4300005 02	1.0484195-01	5.1229135 00	5.2277555 00
3.4500005 02	1.2091816-01	5.0995493 00	5.2204674 00
3.4700005 02	1.4219829-01	5.0799025 00	5.2221007 00
3.5000005 02	1.8992486-01	5.0676273 00	5.2575522 00
3.5200005 02	2.3985326-01	5.0857690 00	5.3256222 00
3.5400005 02	3.1671391-01	5.1527723 00	5.4694862 00
3.5500005 02	3.7202881-01	5.2213066 00	5.5933354 00
3.5700005 02	5.4638231-01	5.5093173 00	6.0556996 00
3.5800005 02	6.9287190-01	5.8091155 00	6.5019873 00
3.5900005 02	9.2498459-01	6.3593051 00	7.2842897 00
3.6000005 02	1.3418869 00	7.4987376 00	8.8406244 00
3.6100005 02	2.2036274 00	1.0163033 01	1.2366661 01
3.6200005 02	4.1126736 00	1.6612661 01	2.0725335 01
3.6300005 02	8.1037835 00	3.0897341 01	3.9001125 01
3.6350005 02	1.1219886 01	4.2392569 01	5.3612455 01
3.6400005 02	1.5142635 01	5.7132006 01	7.2274641 01
3.6450005 02	1.9737740 01	7.4709753 01	9.4447492 01
3.6500005 02	2.4680724 01	9.3985057 01	1.1866578 02
3.6550005 02	2.9473502 01	1.1311747 02	1.4259097 02
3.6580005 02	3.2036274 01	1.2361411 02	1.5565039 02
3.6600005 02	3.3513575 01	1.2980590 02	1.6331947 02
3.6620005 02	3.4789824 01	1.3529291 02	1.7008274 02
3.6650005 02	3.6210464 01	1.4171861 02	1.7792907 02
3.6680005 02	3.6977078 01	1.4572470 02	1.8270178 02
3.6720004 02	3.6936367 01	1.4704781 02	1.8398418 02
3.6750005 02	3.6111942 01	1.4498363 02	1.8109557 02

TABLE V (Continued)

T = 0.5 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
3.6770004 02	3.5188689 01	1.4214059 02	1.7732928 02
3.6800005 02	3.3338712 01	1.3602719 02	1.6936590 02
3.6820005 02	3.1840308 01	1.3086676 02	1.6270706 02
3.6850005 02	2.9258263 01	1.2173719 02	1.5099545 02
3.6900005 02	2.4463703 01	1.0429936 02	1.2876307 02
3.6950005 02	1.9549479 01	8.5980099 01	1.0552958 02
3.7000005 02	1.4999456 01	6.8684710 01	8.3684166 01
3.7050005 02	1.1123234 01	5.3689457 01	6.4812690 01
3.7100005 02	8.0455191 00	4.1573850 01	4.0619369 01
3.7200005 02	4.0959099 00	2.5594315 01	2.9690225 01
3.7300005 02	2.1959433 00	1.7528492 01	1.9724435 01
3.7400005 02	1.3332662 00	1.3619938 01	1.4953205 01
3.7500005 02	9.1577588-01	1.1577020 01	1.2492796 01
3.7600005 02	6.8437537-01	1.0357726 01	1.1042101 01
3.7800005 02	4.3984309-01	8.9534570 00	9.3933001 00
3.8000005 02	3.1407745-01	8.1532926 00	8.4673699 00
3.8200005 02	2.3998649-01	7.6340104 00	7.8739969 00
3.8500005 02	1.7562158-01	7.1230203 00	7.2986418 00
3.9000005 02	1.2615857-01	6.6080216 00	6.7341802 00
3.9500005 02	1.1770082-01	6.2678019 00	6.3855028 00
3.9700005 02	1.3204520-01	6.1459076 00	6.2779528 00
3.9900005 02	2.1838198-01	6.0202089 00	6.2385908 00
4.0000005 02	4.1638612-01	5.9685968 00	6.3849829 00
4.0100005 02	9.8269282-01	5.9681643 00	6.9508571 00
4.0200005 02	2.3566160 00	6.1182385 00	8.4748545 00
4.0250005 02	3.4495699 00	6.2762789 00	9.7258488 00
4.0300005 02	4.8705600 00	6.5136832 00	1.1384243 01
4.0330005 02	5.9277461 00	6.7176022 00	1.2645349 01
4.0350005 02	6.6169771 00	6.8482656 00	1.3465243 01
4.0380005 02	7.7025647 00	7.0763849 00	1.4778950 01
4.0400005 02	8.4772239 00	7.2439151 00	1.5721139 01
4.0430005 02	9.4589614 00	7.4562737 00	1.6915235 01
4.0450005 02	1.0178656 01	7.6336834 00	1.7812339 01
4.0480005 02	1.1110885 01	7.8615998 00	1.8972485 01
4.0500005 02	1.1634660 01	8.0082977 00	1.9642958 01
4.0520005 02	1.2107400 01	8.1551210 00	2.0262521 01
4.0550005 02	1.2723519 01	8.3603085 00	2.1083828 01
4.0580005 02	1.3081024 01	8.5378739 00	2.1618897 01
4.0600005 02	1.3158396 01	8.6112294 00	2.1769625 01
4.0620005 02	1.3066917 01	8.6468648 00	2.1713781 01
4.0650005 02	1.2693650 01	8.6674352 00	2.1361085 01
4.0680005 02	1.2059462 01	8.6038481 00	2.0663310 01
4.0700005 02	1.1579753 01	8.5629524 00	2.0142705 01
4.0720005 02	1.1052098 01	8.5108090 00	1.9562906 01
4.0750005 02	1.0105776 01	8.3709568 00	1.8476733 01
4.0770004 02	9.3873075 00	8.2578195 00	1.7645127 01
4.0800005 02	8.4033369 00	8.1066817 00	1.6510018 01
4.0850005 02	6.5681461 00	7.7702219 00	1.4338368 01
4.0900005 02	4.8359809 00	7.4112013 00	1.2247182 01
4.0950005 02	3.4187465 00	7.0922482 00	1.0510995 01
4.1000005 02	2.3348401 00	6.8296940 00	9.1645341 00
4.1100005 02	9.8244470-01	6.4502594 00	7.4327040 00
4.1300005 02	2.0711159-01	6.1168274 00	6.3239389 00
4.1500005 02	1.1359646-01	5.9857566 00	6.0993531 00
4.1600005 02	1.0111388-01	5.9392183 00	6.0403321 00
4.1700005 02	9.3649911-02	5.8979994 00	5.9916494 00
4.1800005 02	8.8778623-02	5.8601438 00	5.9489224 00
4.2000005 02	8.3819627-02	5.7904739 00	5.8742935 00
4.2200005 02	8.3157229-02	5.7247379 00	5.8078951 00
4.2400005 02	8.6042423-02	5.6594694 00	5.7455118 00
4.2500005 02	8.8925065-02	5.6260664 00	5.7149914 00
4.2700005 02	9.8539604-02	5.5556230 00	5.6541626 00
4.2800005 02	1.0609764-01	5.5175111 00	5.6236087 00

TABLE V (Continued)

T = 0.5 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.2900005 02	1.1653582-01	5.4765117 00	5.5930475 00
4.3000005 02	1.3151380-01	5.4316079 00	5.5631217 00
4.3200005 02	2.0733078-01	5.3301138 00	5.5374446 00
4.3400005 02	7.0811385-01	5.3126082 00	6.0207220 00
4.3500005 02	1.6722259 00	5.5386797 00	7.2109056 00
4.3600005 02	3.7789887 00	6.2106882 00	9.9896768 00
4.3700005 02	7.4318323 00	7.5662971 00	1.4998129 01
4.3750005 02	9.7577674 00	8.5042161 00	1.8261984 01
4.3800005 02	1.2217729 01	9.5542861 00	2.1772016 01
4.3830005 02	1.3653505 01	1.0199438 01	2.3852943 01
4.3850005 02	1.4561961 01	1.0623249 01	2.5185209 01
4.3880005 02	1.5796470 01	1.1225906 01	2.7022376 01
4.3900005 02	1.6508382 01	1.1595000 01	2.8103381 01
4.3920005 02	1.7118075 01	1.1931038 01	2.9049112 01
4.3940005 02	1.7604796 01	1.2224081 01	2.9828877 01
4.3950005 02	1.7797105 01	1.2352249 01	3.0149354 01
4.3980005 02	1.8168810 01	1.2660607 01	3.0829417 01
4.4000005 02	1.8237403 01	1.2796383 01	3.1033786 01
4.4020005 02	1.8152948 01	1.2870602 01	3.1023550 01
4.4050005 02	1.7759169 01	1.2871011 01	3.0630181 01
4.4060005 02	1.7560038 01	1.2841701 01	3.0401739 01
4.4080005 02	1.7060660 01	1.2738077 01	2.9798737 01
4.4100005 02	1.6440791 01	1.2579563 01	2.9020354 01
4.4120004 02	1.5721336 01	1.2372905 01	2.8094241 01
4.4150005 02	1.4479293 01	1.1979543 01	2.6458836 01
4.4170005 02	1.3569808 01	1.1672324 01	2.5242132 01
4.4200005 02	1.2136651 01	1.1163826 01	2.3300477 01
4.4250005 02	9.6912017 00	1.0241921 01	1.9933123 01
4.4300005 02	7.3864499 00	9.3187654 00	1.6705215 01
4.4350005 02	5.3886261 00	8.4745100 00	1.3863136 01
4.4400005 02	3.7772634 00	7.7564298 00	1.1533693 01
4.4450005 02	2.5597829 00	7.1816165 00	9.7413993 00
4.4500005 02	1.6938419 00	6.7442049 00	8.4380467 00
4.4600005 02	7.3612000-01	6.1951980 00	6.9313179 00
4.4800005 02	2.3753134-01	5.7643098 00	6.0018411 00
4.5000005 02	1.6972629-01	5.5881261 00	5.7578523 00
4.5500005 02	1.5894673-01	5.3104140 00	5.4693607 00
4.6000005 02	2.0803875-01	5.0734625 00	5.2815012 00
4.6300005 02	2.7267151-01	4.9346674 00	5.2073388 00
4.6500005 02	3.4348795-01	4.8514875 00	5.1949754 00
4.6600005 02	3.9271243-01	4.8183897 00	5.2111021 00
4.6800005 02	5.3845960-01	4.7955723 00	5.3340318 00
4.7000005 02	8.1195531-01	4.9397160 00	5.7516712 00
4.7100005 02	1.0672772 00	5.2245905 00	6.2918677 00
4.7200005 02	1.5244119 00	5.9393104 00	7.4637223 00
4.7300005 02	2.4629607 00	7.8225321 00	1.0285493 01
4.7500005 02	8.8201220 00	2.3601922 01	3.2422045 01
4.7550005 02	1.2267863 01	3.2783387 01	4.5051250 01
4.7600005 02	1.6777721 01	4.5080565 01	6.1858286 01
4.7650005 02	2.2387517 01	6.0700807 01	8.3088325 01
4.7700005 02	2.8977175 01	7.9416655 01	1.0839383 02
4.7750005 02	3.6228759 01	1.0043395 02	1.3666270 02
4.7800005 02	4.3620768 01	1.2235149 02	1.6597226 02
4.7830005 02	4.7844910 01	1.3515715 02	1.8300206 02
4.7850005 02	5.0474073 01	1.4326690 02	1.9374098 02
4.7880005 02	5.4018915 01	1.5444347 02	2.0846238 02
4.7900005 02	5.6049756 01	1.6103686 02	2.1708662 02
4.7950005 02	5.9679554 01	1.7364362 02	2.3332317 02
4.8000005 02	6.0900871 01	1.7959160 02	2.4049247 02
4.8050005 02	5.9555811 01	1.7821823 02	2.3777404 02
4.8100005 02	5.5824970 01	1.6982711 02	2.2565208 02
4.8130005 02	5.2630794 01	1.6188963 02	2.1452043 02
4.8150005 02	5.0187288 01	1.5561055 02	2.0579784 02

TABLE V (Continued)

T = 0.5 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.8200005 02	4.3316655 01	1.3738156 02	1.8069821 02
4.8250005 02	3.5947372 01	1.1720079 02	1.5314816 02
4.8300005 02	2.8745518 01	9.7003519 01	1.2574903 02
4.8350005 02	2.2217299 01	7.8318979 01	1.0053628 02
4.8400005 02	1.6666909 01	6.2125560 01	7.8792469 01
4.8500005 02	8.7913852 00	3.8479536 01	4.7270921 01
4.8600005 02	4.5154126 00	2.5016126 01	2.9531538 01
4.8700005 02	2.4640026 00	1.8114412 01	2.0578414 01
4.8800005 02	1.5206263 00	1.4631406 01	1.6152032 01
4.9000005 02	8.0593089-01	1.1551362 01	1.2357293 01
4.9200005 02	5.3596536-01	1.0128274 01	1.0664238 01
4.9500005 02	3.4961777-01	8.9414554 00	9.2910731 00
4.9800005 02	2.6889570-01	8.2230637 00	8.4919593 00
5.0000005 02	2.5394458-01	7.8643328 00	8.1182775 00
5.0200005 02	3.1985104-01	7.5624984 00	7.8823494 00
5.0500005 02	1.9633740 00	7.6805962 00	9.6439702 00
5.0600005 02	3.9808476 00	8.3484613 00	1.2329309 01
5.0700005 02	7.1405805 00	9.5940569 00	1.6734637 01
5.0750005 02	9.0314493 00	1.0411738 01	1.9443187 01
5.0800005 02	1.0962560 01	1.1299722 01	2.2262282 01
5.0850005 02	1.2754532 01	1.2183831 01	2.4938363 01
5.0880005 02	1.3677071 01	1.2673884 01	2.6350955 01
5.0900005 02	1.4212741 01	1.2975979 01	2.7188720 01
5.0930005 02	1.4847452 01	1.3367951 01	2.8215403 01
5.0950005 02	1.5161778 01	1.3588607 01	2.8750384 01
5.0970005 02	1.5364420 01	1.3764384 01	2.9128804 01
5.1000005 02	1.5480624 01	1.3951194 01	2.9431818 01
5.1030005 02	1.5343719 01	1.4028784 01	2.9372503 01
5.1050005 02	1.5127606 01	1.4023810 01	2.9151416 01
5.1100005 02	1.4149806 01	1.3805047 01	2.7954852 01
5.1150005 02	1.2672506 01	1.3331173 01	2.6003679 01
5.1200004 02	1.0872235 01	1.2667238 01	2.3539473 01
5.1250004 02	8.9424770 00	1.1893355 01	2.0835831 01
5.1300005 02	7.0595887 00	1.1089379 01	1.8148968 01
5.1400005 02	3.9200809 00	9.6391640 00	1.3559245 01
5.1500005 02	1.9114271 00	8.6036125 00	1.0515040 01
5.1600004 02	8.6765239-01	7.9816739 00	8.8493263 00
5.1700005 02	4.0974414-01	7.6407405 00	8.0504846 00
5.1800005 02	2.3002373-01	7.4510470 00	7.6810707 00
5.1900004 02	1.5988834-01	7.3325278 00	7.4924161 00
5.2000004 02	1.2813964-01	7.2468161 00	7.3749558 00
5.2200005 02	9.8255786-02	7.1194679 00	7.2177236 00
5.2500005 02	7.6384105-02	6.9799325 00	7.0563166 00
5.2700004 02	6.7666833-02	6.9057060 00	6.9733729 00
5.3000004 02	5.8871866-02	6.8116028 00	6.8704746 00
5.3200005 02	5.4775411-02	6.7569873 00	6.8117626 00
5.3500005 02	5.0353891-02	6.6836668 00	6.7340208 00
5.4000005 02	4.6176638-02	6.5769644 00	6.6231410 00
5.4500004 02	4.5153478-02	6.4812917 00	6.5264451 00
5.4800005 02	4.6151509-02	6.4259354 00	6.4720868 00
5.5000005 02	4.7693476-02	6.3888243 00	6.4365177 00
5.5300004 02	5.1911857-02	6.3312545 00	6.3831664 00
5.5500005 02	5.6688494-02	6.2903309 00	6.3470194 00
5.5700005 02	6.4195813-02	6.2458501 00	6.3100458 00
5.5900005 02	7.7045588-02	6.1956554 00	6.2727009 00
5.6000004 02	8.8912622-02	6.1679735 00	6.2568862 00
5.6100005 02	1.1070975-01	6.1394185 00	6.2501282 00
5.6200005 02	1.6104161-01	6.1158672 00	6.2769088 00
5.6300005 02	2.8426722-01	6.1139802 00	6.3982473 00
5.6400004 02	5.6095283-01	6.1688844 00	6.7298371 00
5.6500005 02	1.1448147 00	6.3580775 00	7.5028921 00
5.6600005 02	2.2393390 00	6.7882154 00	9.0275544 00
5.6700004 02	3.7455640 00	7.4366281 00	1.1182192 01

TABLE V (Continued)

T = 0.5 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
5.6750004 02	4.5301558 00	7.8049258 00	1.2335082 01
5.6800005 02	5.3102717 00	8.2011675 00	1.3511439 01
5.6850005 02	6.0854688 00	8.6241292 00	1.4709598 01
5.6900005 02	6.8115674 00	9.0439240 00	1.5855492 01
5.6950005 02	7.3648745 00	9.3918022 00	1.6756677 01
5.6970004 02	7.4785027 00	9.4616986 00	1.6940202 01
5.7000005 02	7.5832422 00	9.5879188 00	1.7171161 01
5.7030005 02	7.4929375 00	9.6270958 00	1.7120033 01
5.7050004 02	7.3881261 00	9.6010218 00	1.6989148 01
5.7070005 02	7.0210360 00	9.4835847 00	1.6504620 01
5.7100004 02	6.8630098 00	9.4761943 00	1.6339204 01
5.7150004 02	6.1805368 00	9.2925734 00	1.5473110 01
5.7200005 02	5.4748913 00	9.1090330 00	1.4583924 01
5.7250005 02	4.7943125 00	8.9539775 00	1.3748290 01
5.7300005 02	4.1404343 00	8.8517178 00	1.2992152 01
5.7350005 02	3.5349969 00	8.8535494 00	1.2388546 01
5.7400005 02	3.0518771 00	9.0456944 00	1.2097571 01
5.7450004 02	2.7814813 00	9.5246792 00	1.2306160 01
5.7500004 02	2.7748647 00	1.0366658 01	1.3141522 01
5.7550005 02	3.0327206 00	1.1617587 01	1.4650308 01
5.7600005 02	3.5281492 00	1.3293957 01	1.6822106 01
5.7650005 02	4.2236197 00	1.5376719 01	1.9600338 01
5.7700005 02	5.0723651 00	1.7800042 01	2.2872407 01
5.7750005 02	6.0124305 00	2.0441839 01	2.6454270 01
5.7800004 02	6.9638679 00	2.3125115 01	3.0088982 01
5.7850004 02	7.8346858 00	2.5633247 01	3.3467932 01
5.7900005 02	8.5331888 00	2.7737561 01	3.6270750 01
5.7950005 02	8.9814423 00	2.9231026 01	3.8212469 01
5.7970003 02	9.0778789 00	2.9620731 01	3.8698609 01
5.8000005 02	9.1272552 00	2.9962339 01	3.9089594 01
5.8030005 02	9.0604154 00	3.0002530 01	3.9062945 01
5.8050005 02	8.9523662 00	2.9861892 01	3.8814258 01
5.8100005 02	8.4750256 00	2.8953290 01	3.7428316 01
5.8150004 02	7.7464565 00	2.7347479 01	3.5093935 01
5.8200004 02	6.8402709 00	2.5220696 01	3.2060966 01
5.8250004 02	5.8404281 00	2.2783247 01	2.8623675 01
5.8300005 02	4.8281631 00	2.0246210 01	2.5074373 01
5.8350005 02	3.8714925 00	1.7793040 01	2.1664532 01
5.8400005 02	3.0187760 00	1.5560609 01	1.8579384 01
5.8500005 02	1.7135026 00	1.2040125 01	1.3753628 01
5.8600004 02	9.2229939-01	9.8057009 00	1.0728001 01
5.8700005 02	5.0297410-01	8.5469408 00	9.0499148 00
5.8800005 02	2.9872785-01	7.8781335 00	8.1768613 00
5.8900004 02	2.0058020-01	7.5162045 00	7.7167846 00
5.9000005 02	1.4999295-01	7.3019700 00	7.4519629 00
5.9200005 02	1.0104385-01	7.0552069 00	7.1562507 00
5.9500005 02	6.8512237-02	6.8529595 00	6.9214717 00
5.9700004 02	5.6590473-02	6.7654039 00	6.8219944 00
6.0000004 02	4.5257925-02	6.6698432 00	6.7151011 00
6.0500005 02	3.4772935-02	6.5617955 00	6.5965685 00
6.1000005 02	2.9069698-02	6.4868360 00	6.5159056 00
6.1500004 02	2.5618918-02	6.4295280 00	6.4551469 00
6.2000005 02	2.3399496-02	6.3827330 00	6.4061324 00
6.3000004 02	2.0986821-02	6.3068665 00	6.3278533 00
6.4000005 02	2.0206430-02	6.2427052 00	6.2629116 00
6.5000005 02	2.0778526-02	6.1815793 00	6.2023578 00
6.6000005 02	2.3266755-02	6.1160192 00	6.1392859 00
6.6500005 02	2.5812618-02	6.0785701 00	6.1043826 00
6.7000004 02	3.0022980-02	6.0355591 00	6.0655821 00
6.7500005 02	3.7385511-02	5.9841536 00	6.0215391 00
6.7800004 02	4.4685181-02	5.9477237 00	5.9924088 00
6.8000005 02	5.1682261-02	5.9205970 00	5.9722792 00
6.8300005 02	6.7832576-02	5.8756217 00	5.9434542 00

TABLE V (Continued)

T = 0.5 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
6.8500004 02	8.5405126-02	5.8441308 00	5.9295359 00
6.8800005 02	1.3661423-01	5.8101792 00	5.9467934 00
6.9000005 02	2.2668216-01	5.8714901 00	6.0981723 00
6.9100005 02	3.2993047-01	6.0253791 00	6.3553095 00
6.9200004 02	5.3250225-01	6.4203105 00	6.9528127 00
6.9300005 02	9.2942835-01	7.3207272 00	8.2501555 00
6.9400005 02	1.6628954 00	9.1421265 00	1.0805022 01
6.9500005 02	2.8884614 00	1.2372395 01	1.5260856 01
6.9600004 02	4.6848175 00	1.7325427 01	2.2010245 01
6.9700005 02	6.9299766 00	2.3774720 01	3.0704697 01
6.9750005 02	8.1047880 00	2.7264191 01	3.5368979 01
6.9800005 02	9.2226097 00	3.0678757 01	3.9901367 01
6.9850005 02	1.0202932 01	3.3786763 01	4.3989695 01
6.9900005 02	1.0965979 01	3.6351385 01	4.7317363 01
6.9950004 02	1.1449603 01	3.8177714 01	4.9627316 01
7.0000004 02	1.1611058 01	3.9118264 01	5.0729320 01
7.0050005 02	1.1433277 01	3.9096467 01	5.0529743 01
7.0100005 02	1.0935382 01	3.8138496 01	4.9073878 01
7.0150005 02	1.0161837 01	3.6344450 01	4.6506287 01
7.0200005 02	9.1756764 00	3.3874765 01	4.3050442 01
7.0300004 02	6.8854154 00	2.7781766 01	3.4667181 01
7.0400005 02	4.6545309 00	2.1540165 01	2.6194697 01
7.0500005 02	2.8736864 00	1.6353684 01	1.9227370 01
7.0600005 02	1.6585690 00	1.2667992 01	1.4326560 01
7.0700004 02	9.2931441-01	1.0345779 01	1.1275094 01
7.0800005 02	5.3278045-01	8.9989543 00	9.5317347 00
7.0900005 02	3.2929163-01	8.2440013 00	8.5732928 00
7.1000005 02	2.2513594-01	7.8106460 00	8.0357820 00
7.1100004 02	1.6852421-01	7.5426297 00	7.7111539 00
7.1300005 02	1.1166510-01	7.2260143 00	7.3376794 00
7.1500005 02	8.2979522-02	7.0368529 00	7.1198324 00
7.1700005 02	6.5399894-02	6.9068054 00	6.9722052 00
7.2000005 02	4.9195372-02	6.7719875 00	6.8211829 00
7.2200004 02	4.2135390-02	6.7064285 00	6.7485638 00
7.2500004 02	3.4709338-02	6.6306383 00	6.6653476 00
7.2700005 02	3.1125810-02	6.5905628 00	6.6216886 00
7.3000005 02	2.7042218-02	6.5380267 00	6.5650689 00

TABLE VI  
Mo CROSS SECTIONS

Mo Temperature = 1 ev

Neutron Energy, $E_n$ (ev)	Radiative Capture Cross Section, $\sigma_\gamma$ (barns)	Scattering Cross Section, $\sigma_S$ (barns)	Total Cross Section, $\sigma_T$ (barns)
2.5300005-02	2.7358580 00	6.4703175 00	9.2061755 00
4.0000008-02	2.1763431 00	6.1107011 00	8.2870442 00
5.0000009-02	1.9468959 00	5.9854579 00	7.9323537 00
7.0000008-02	1.6459605 00	5.8419203 00	7.4878807 00
1.0000005-01	1.3777786 00	5.7341195 00	7.1118981 00
2.0000005-01	9.7582000-01	5.6080707 00	6.5838907 00
5.0000005-01	6.2020465-01	5.5314157 00	6.1516203 00
1.0000005 00	4.4222858-01	5.5041307 00	5.9463592 00
2.0000005 00	3.1816379-01	5.4871384 00	5.8053022 00
5.0000005 00	2.1309911-01	5.4653688 00	5.6784679 00
1.0000005 01	1.6950943-01	5.4353469 00	5.6048564 00
1.5000005 01	1.6173136-01	5.4007771 00	5.5625084 00
2.0000005 01	1.7314962-01	5.3578952 00	5.5310448 00
2.5000005 01	2.0886701-01	5.3027267 00	5.5115937 00
3.0000005 01	2.9690112-01	5.2313813 00	5.5282824 00
3.2000005 01	3.6571313-01	5.1992364 00	5.5649495 00
3.4000005 01	4.7676888-01	5.1693881 00	5.6461570 00
3.5000005 01	5.5970301-01	5.1586432 00	5.7183461 00
3.6000005 01	6.7286853-01	5.1549143 00	5.8277828 00
3.7000005 01	8.3327850-01	5.1652030 00	5.9984815 00
3.8000005 01	1.0723536 00	5.2040434 00	6.2763969 00
3.9000005 01	1.4543776 00	5.3046003 00	6.7589780 00
4.0000005 01	2.1333103 00	5.5552460 00	7.6885563 00
4.1000005 01	3.6421712 00	6.3057328 00	9.9479040 00
4.1500005 01	5.4572060 00	7.4209628 00	1.2878169 01
4.2000005 01	9.7536961 00	1.0426366 00	2.0180063 01
4.2500005 01	2.0731078 01	1.8749890 01	3.9480968 01
4.2800005 01	3.3689798 01	2.8942398 01	6.2632195 01
4.3000005 01	4.6239265 01	3.8979910 01	8.5219175 01
4.3200005 01	6.2492411 01	5.2128093 01	1.1462050 02
4.3500005 01	9.4112741 01	7.8032928 01	1.7214567 02
4.3700005 01	1.1943834 02	9.9022512 01	2.1846085 02
4.3900005 01	1.4691675 02	1.2201870 02	2.6893545 02
4.4000005 01	1.6094008 02	1.3384840 02	2.9478848 02
4.4100005 01	1.7480894 02	1.4561832 02	3.2042727 02
4.4200004 01	1.8823700 02	1.5709213 02	3.4532913 02
4.4300005 01	2.0092618 02	1.6802166 02	3.6894785 02
4.4400005 01	2.1257735 02	1.7815595 02	3.9073330 02
4.4500005 01	2.2290263 02	1.8725109 02	4.1015371 02
4.4600004 01	2.3163750 02	1.9508049 02	4.2671799 02
4.4700005 01	2.3855215 02	2.0144462 02	4.3999677 02
4.4800005 01	2.4346172 02	2.0617956 02	4.4964128 02
4.4900005 01	2.4623476 02	2.0916436 02	4.5539911 02
4.5000005 01	2.4679952 02	2.1032693 02	4.5712644 02
4.5100005 01	2.4514624 02	2.0964634 02	4.5479259 02
4.5200005 01	2.4132836 02	2.0715419 02	4.4848254 02
4.5300005 01	2.3545865 02	2.0293190 02	4.3839056 02
4.5400005 01	2.2770466 02	1.9710757 02	4.2481222 02
4.5500005 01	2.1827943 02	1.8984833 02	4.0812775 02
4.5600005 01	2.0743245 02	1.8135354 02	3.8878600 02
4.5700004 01	1.9543864 02	1.7184543 02	3.6728407 02
4.5800005 01	1.8258589 02	1.6155909 02	3.4414499 02
4.5900005 01	1.6916515 02	1.5073421 02	3.1989935 02
4.6000005 01	1.5545781 02	1.3960450 02	2.9506231 02
4.6100004 01	1.4172799 02	1.2839104 02	2.7011902 02
4.6300005 01	1.1512320 02	1.0649323 02	2.2161644 02
4.6500005 01	9.0862114 01	8.6335691 01	1.7719780 02
4.6700005 01	6.9882103 01	6.8747143 01	1.3862925 02
4.7000005 01	4.5290051 01	4.7895749 01	9.3185801 01
4.7200004 01	3.3279718 01	3.7579902 01	7.0859620 01
4.7500005 01	2.0727026 01	2.6638246 01	4.7365272 01
4.7700005 01	1.5185429 01	2.1715977 01	3.6901407 01
4.8000005 01	9.7975317 00	1.6819609 01	2.6617141 01

TABLE VI (Continued)

T = 1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.8200005 01	7.5337301 00	1.4699546 01	2.2233276 01
4.8500005 01	5.3582725 00	1.2589312 01	1.7947585 01
4.9000005 01	3.4667975 00	1.0632250 01	1.4099047 01
4.9500005 01	2.5132201 00	9.5573958 00	1.2070616 01
5.0000005 01	1.9478915 00	8.8713697 00	1.0819261 01
5.1000005 01	1.2947738 00	8.0165720 00	9.3113457 00
5.2000004 01	9.3401329-01	7.4999423 00	8.4339556 00
5.3000005 01	7.1153297-01	7.1543473 00	7.8658803 00
5.4000005 01	5.6431190-01	6.9073840 00	7.4716959 00
5.5000005 01	4.6191667-01	6.7222770 00	7.1841936 00
5.7000005 01	3.3327859-01	6.4631128 00	6.7963914 00
6.0000005 01	2.3627664-01	6.2216262 00	6.4579028 00
6.2000005 01	2.0550517-01	6.1107731 00	6.3162783 00
6.4000005 01	1.9594348-01	6.0208117 00	6.2167552 00
6.5000005 01	2.0175504-01	5.9801214 00	6.1818764 00
6.6000005 01	2.2066931-01	5.9402806 00	6.1609499 00
6.7000005 01	2.7401237-01	5.8992603 00	6.1732726 00
6.8000005 01	4.9461207-01	5.8572571 00	6.3518691 00
6.8500005 01	8.4620601-01	5.8419357 00	6.6881417 00
6.9000005 01	1.6052119 00	5.8431068 00	7.4483186 00
6.9300005 01	2.3707580 00	5.8594124 00	8.2301704 00
6.9500005 01	3.0446867 00	5.8797938 00	8.9244806 00
6.9700005 01	3.8604309 00	5.9093771 00	9.7698079 00
6.9900004 01	4.8170890 00	5.9491683 00	1.0766257 01
7.0000005 01	5.3447003 00	5.9730602 00	1.1317760 01
7.0200005 01	6.4835284 00	6.0287656 00	1.2512294 01
7.0400005 01	7.7030406 00	6.0942865 00	1.3797327 01
7.0500005 01	8.3280743 00	6.1302165 00	1.4458291 01
7.0700004 01	9.5717930 00	6.2068418 00	1.5778635 01
7.0800005 01	1.0173929 01	6.2467342 00	1.6420664 01
7.0900005 01	1.0751281 01	6.2870577 00	1.7038340 01
7.1000005 01	1.1295006 01	6.3272994 00	1.7622305 01
7.1100003 01	1.1796395 01	6.3669176 00	1.8163313 01
7.1200005 01	1.2247131 01	6.4053555 00	1.8652487 01
7.1300005 01	1.2639530 01	6.4420589 00	1.9081589 01
7.1400004 01	1.2966760 01	6.4764813 00	1.9443241 01
7.1500005 01	1.3223019 01	6.5081102 00	1.9731129 01
7.1600003 01	1.3403748 01	6.5364753 00	1.9940224 01
7.1700005 01	1.3505726 01	6.5611582 00	2.0066884 01
7.1800005 01	1.3527188 01	6.5818096 00	2.0108998 01
7.1900005 01	1.3467882 01	6.5981488 00	2.0066031 01
7.2000005 01	1.3329073 01	6.6099830 00	1.9939056 01
7.2100003 01	1.3113471 01	6.6172066 00	1.9730677 01
7.2200004 01	1.2825165 01	6.6197956 00	1.9444961 01
7.2300005 01	1.2469490 01	6.6178130 00	1.9087303 01
7.2400003 01	1.2052873 01	6.6114097 00	1.8664283 01
7.2500005 01	1.1582596 01	6.6008103 00	1.8183406 01
7.2600005 01	1.1066623 01	6.5863008 00	1.7652924 01
7.2700005 01	1.0513372 01	6.5682280 00	1.7081601 01
7.2800005 01	9.9314462 00	6.5469862 00	1.6478432 01
7.2900004 01	9.3295007 00	6.5230013 00	1.5852502 01
7.3000005 01	8.7159028 00	6.4967190 00	1.5212622 01
7.3100003 01	8.0986870 00	6.4685967 00	1.4567284 01
7.3200005 01	7.4853203 00	6.4390865 00	1.3924407 01
7.3300005 01	6.8825257 00	6.4086282 00	1.3291154 01
7.3500005 01	5.7317806 00	6.3465086 00	1.2078289 01
7.3700005 01	4.6838065 00	6.2851812 00	1.0968988 01
7.4000005 01	3.3516568 00	6.1995258 00	9.5511825 00
7.4200005 01	2.6340076 00	6.1487364 00	8.7827439 00
7.4500005 01	1.8005961 00	6.0836052 00	7.8842012 00
7.4700004 01	1.3880089 00	6.0475487 00	7.4355576 00
7.5000005 01	9.4206713-01	6.0035834 00	6.9456505 00
7.5500005 01	5.2244743-01	5.9513035 00	6.4737509 00



TABLE VI (Continued)

T = 1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
7.6000005 01	3.3113769-01	5.9166575 00	6.2477951 00
7.7000004 01	1.9781203-01	5.8729054 00	6.0707175 00
7.8000005 01	1.5311051-01	5.8432212 00	5.9963317 00
8.0000005 01	1.1541156-01	5.7993671 00	5.9147786 00
8.2000005 01	9.8567063-02	5.7649693 00	5.8635363 00
8.4000005 01	8.9426224-02	5.7353422 00	5.8247684 00
9.0000005 01	7.9163020-02	5.6593171 00	5.7384801 00
9.2000005 01	7.8585904-02	5.6357771 00	5.7143629 00
9.5000005 01	7.9482313-02	5.6006116 00	5.6800939 00
9.8000005 01	8.2385186-02	5.5645801 00	5.6469652 00
1.0000005 02	8.5521539-02	5.5395114 00	5.6250329 00
1.0500005 02	9.8779132-02	5.4704021 00	5.5691812 00
1.1000005 02	1.2447265-01	5.3857913 00	5.5102639 00
1.1500005 02	1.7716515-01	5.2733895 00	5.4505545 00
1.2000005 02	3.0667391-01	5.1114265 00	5.4181004 00
1.2200005 02	4.1816671-01	5.0266329 00	5.4447996 00
1.2300005 02	5.0328001-01	4.9803838 00	5.4836637 00
1.2400005 02	6.2252640-01	4.9339334 00	5.5564598 00
1.2500005 02	7.9920242-01	4.8934634 00	5.6926658 00
1.2600005 02	1.0919679 00	4.8829371 00	5.9749049 00
1.2700005 02	1.7158896 00	5.0269891 00	6.7428787 00
1.2800005 02	3.5326286 00	5.9083270 00	9.4409556 00
1.2900005 02	9.5169241 00	9.7115027 00	1.9228427 01
1.2950005 02	1.5996224 01	1.4191177 01	3.0187402 01
1.3000005 02	2.6151738 01	2.1487230 01	4.7638968 01
1.3050005 02	4.0701116 01	3.2251526 01	7.2952643 01
1.3080005 02	5.1475216 01	4.0380558 01	9.1855774 01
1.3100005 02	5.9391667 01	4.6431035 01	1.0582270 02
1.3130005 02	7.1894054 01	5.6109019 01	1.2800307 02
1.3150005 02	8.0535549 01	6.2887629 01	1.4342318 02
1.3180005 02	9.3249874 01	7.3028195 01	1.6627807 02
1.3200005 02	1.0119428 02	7.9479082 01	1.8067337 02
1.3230005 02	1.1190663 02	8.8385012 01	2.0029164 02
1.3250005 02	1.1762503 02	9.3324050 01	2.1094908 02
1.3270005 02	1.22203635 02	9.7318981 01	2.1935533 02
1.3300005 02	1.2605322 02	1.0138715 02	2.2744038 02
1.3320005 02	1.2669575 02	1.0257710 02	2.2927285 02
1.3350005 02	1.2443188 02	1.0187639 02	2.2630827 02
1.3370005 02	1.2113776 02	1.0001455 02	2.2115231 02
1.3380005 02	1.1892559 02	9.8647617 01	2.1757321 02
1.3400005 02	1.1349443 02	9.5079513 01	2.0857394 02
1.3420005 02	1.0696830 02	9.0609109 01	1.9757741 02
1.3450005 02	9.5774010 01	8.2694508 01	1.7846851 02
1.3470005 02	8.7505472 01	7.6702995 01	1.6420847 02
1.3500005 02	7.4739815 01	6.7278225 01	1.4201804 02
1.3520005 02	6.6325541 01	6.0977906 01	1.2730345 02
1.3550005 02	5.4188139 01	5.1768333 01	1.0595647 02
1.3570005 02	4.6761670 01	4.6061133 01	9.2822803 01
1.3600005 02	3.6791432 01	3.8310841 01	7.5102273 01
1.3650005 02	2.3554401 01	2.7817266 01	5.1371666 01
1.3700005 02	1.4411244 01	2.0372645 01	3.4783889 01
1.3750005 02	8.6318015 00	1.5506468 01	2.4138270 01
1.3800005 02	5.2104872 00	1.2495045 01	1.7705532 01
1.3900005 02	2.2070204 00	9.6037604 00	1.1810781 01
1.4000005 02	1.2485874 00	8.4814756 00	9.7300630 00
1.4100005 02	8.5742932-01	7.9152593 00	8.7726886 00
1.4200005 02	6.4783576-01	7.5591648 00	8.2070005 00
1.4300005 02	5.1248288-01	7.3044391 00	7.8169219 00
1.4400005 02	4.1844988-01	7.1113599 00	7.5298098 00
1.4500005 02	3.5010731-01	6.9593239 00	7.3094311 00
1.4600005 02	2.9879769-01	6.8361269 00	7.1349246 00
1.4800005 02	2.2842239-01	6.6476709 00	6.8760933 00
1.5000005 02	1.8441422-01	6.5088053 00	6.6932196 00

TABLE VI (Continued)

T = 1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
1.5400005 02	1.4403571-01	6.3093487 00	6.4533844 00
1.5500005 02	1.4857720-01	6.2674441 00	6.4160213 00
1.5700005 02	3.1910559-01	6.1870423 00	6.5061479 00
1.5800005 02	7.4335587-01	6.1587469 00	6.9021028 00
1.5850005 02	1.1483042 00	6.1552954 00	7.3035996 00
1.5900005 02	1.7176461 00	6.1638421 00	7.8814882 00
1.5920005 02	1.9917805 00	6.1713712 00	8.1631516 00
1.5950005 02	2.4471112 00	6.1874980 00	8.6346093 00
1.5970005 02	2.7748086 00	6.2015225 00	8.9763311 00
1.6000005 02	3.2895845 00	6.2272815 00	9.5168660 00
1.6020005 02	3.6385125 00	6.2473092 00	9.8858217 00
1.6040005 02	3.9829786 00	6.2692513 00	1.0252230 01
1.6050005 02	4.1508729 00	6.2808087 00	1.0431682 01
1.6070005 02	4.4724433 00	6.3047836 00	1.0777227 01
1.6090005 02	4.7676395 00	6.3294301 00	1.1097070 01
1.6100005 02	4.9026166 00	6.3418133 00	1.1244430 01
1.6110005 02	5.0277999 00	6.3541265 00	1.1381926 01
1.6120005 02	5.1422111 00	6.3662871 00	1.1508498 01
1.6130005 02	5.2449571 00	6.3782117 00	1.1623169 01
1.6140005 02	5.3352217 00	6.3898156 00	1.1725037 01
1.6150005 02	5.4122746 00	6.4010174 00	1.1813292 01
1.6160005 02	5.4754737 00	6.4117355 00	1.1887210 01
1.6170005 02	5.5243263 00	6.4218942 00	1.1946220 01
1.6180005 02	5.5584024 00	6.4314204 00	1.1989823 01
1.6190005 02	5.5774367 00	6.4402459 00	1.2017683 01
1.6200005 02	5.5812905 00	6.4483111 00	1.2029601 01
1.6220005 02	5.5434472 00	6.4619378 00	1.2005385 01
1.6250005 02	5.3763133 00	6.4755211 00	1.1851834 01
1.6300005 02	4.8399277 00	6.4786824 00	1.1318610 01
1.6350005 02	4.0760543 00	6.4588769 00	1.0534931 01
1.6400005 02	3.2169670 00	6.4213951 00	9.6383622 00
1.6450005 02	2.3860775 00	6.3737178 00	8.7597953 00
1.6500005 02	1.6708401 00	6.3232607 00	7.9941008 00
1.6600005 02	7.1359025-01	6.2343453 00	6.9479356 00
1.6700005 02	2.8590320-01	6.1729294 00	6.4588326 00
1.6800005 02	1.3725444-01	6.1337030 00	6.2709575 00
1.6900005 02	9.1546306-02	6.1068165 00	6.1983628 00
1.7000005 02	7.5495522-02	6.0860540 00	6.1615494 00
1.7200005 02	6.2251277-02	6.0532004 00	6.1154516 00
1.7500005 02	5.2524076-02	6.0147772 00	6.0673013 00
1.8000005 02	4.3941147-02	5.9654737 00	6.0094148 00
1.8500005 02	3.8907437-02	5.9265854 00	5.9654928 00
1.9000005 02	3.5507815-02	5.8941368 00	5.9296446 00
2.0000005 02	3.1203098-02	5.8411757 00	5.8723788 00
2.1000005 02	2.8674285-02	5.7977154 00	5.8263896 00
2.2000005 02	2.7135702-02	5.7594739 00	5.7866095 00
2.3000005 02	2.6258155-02	5.7238861 00	5.7501442 00
2.4000005 02	2.5916174-02	5.6890962 00	5.7150124 00
2.5000005 02	2.6133744-02	5.6534112 00	5.6795449 00
2.6000005 02	2.7173279-02	5.6146902 00	5.6418635 00
2.7000005 02	3.0178147-02	5.5690095 00	5.5991877 00
2.7500005 02	3.3951380-02	5.5403191 00	5.5742704 00
2.8000005 02	4.3921947-02	5.5020088 00	5.5459308 00
2.8200005 02	5.5768603-02	5.4811630 00	5.5369316 00
2.8400005 02	1.0821441-01	5.4603146 00	5.5685290 00
2.8600005 02	4.3866631-01	5.4961750 00	5.9348413 00
2.8700005 02	9.3109747-01	5.6000424 00	6.5311398 00
2.8800005 02	1.8064448 00	5.8191483 00	7.6255931 00
2.8850005 02	2.3992808 00	5.9802723 00	8.3795531 00
2.8900005 02	3.0722066 00	6.1726749 00	9.2448814 00
2.8950005 02	3.7953609 00	6.3902837 00	1.0185644 01
2.9000005 02	4.5197934 00	6.6200371 00	1.1139831 01
2.9030005 02	4.9191142 00	6.7537463 00	1.1672861 01

TABLE VI (Continued)

T = 1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
2.9050005 02	5.1721723 00	6.8410340 00	1.2013206 01
2.9070005 02	5.3963578 00	6.9226810 00	1.2319038 01
2.9090005 02	5.6027198 00	6.9999072 00	1.2602627 01
2.9100005 02	5.6878967 00	7.0343008 00	1.2722198 01
2.9120005 02	5.8551917 00	7.1030603 00	1.2958252 01
2.9150005 02	6.0254115 00	7.1849321 00	1.3210344 01
2.9170005 02	6.0985340 00	7.2281193 00	1.3326654 01
2.9200005 02	6.1397488 00	7.2750557 00	1.3414804 01
2.9230005 02	6.0865109 00	7.2947303 00	1.3381241 01
2.9250005 02	6.0049589 00	7.2932563 00	1.3298215 01
2.9280005 02	5.8243144 00	7.2737468 00	1.3098062 01
2.9300005 02	5.6513977 00	7.2443372 00	1.2895735 01
2.9320005 02	5.4646614 00	7.2090289 00	1.2673691 01
2.9350005 02	5.1255314 00	7.1367810 00	1.2262312 01
2.9370004 02	4.8687223 00	7.0769745 00	1.1945697 01
2.9400005 02	4.4680223 00	6.9796755 00	1.1447698 01
2.9450005 02	3.7470694 00	6.7925572 00	1.0539627 01
2.9500005 02	3.0345458 00	6.5960921 00	9.6306379 00
2.9550005 02	2.3709746 00	6.4031445 00	8.7741191 00
2.9600005 02	1.7875674 00	6.2255467 00	8.0131141 00
2.9700005 02	9.3155977-01	5.9461519 00	6.8777116 00
2.9800005 02	4.4491435-01	5.7681820 00	6.2130963 00
2.9900005 02	2.1181517-01	5.6674470 00	5.8792621 00
3.0000005 02	1.1371653-01	5.6122563 00	5.7259728 00
3.0100005 02	7.5359055-02	5.5799676 00	5.6553267 00
3.0300005 02	5.2733285-02	5.5416245 00	5.5943577 00
3.0500005 02	4.6317208-02	5.5152374 00	5.5615545 00
3.1000005 02	4.1395795-02	5.4643037 00	5.5056995 00
3.1200005 02	4.1136527-02	5.4462544 00	5.4873909 00
3.1500005 02	4.1673747-02	5.4198879 00	5.4615617 00
3.2000005 02	4.4394390-02	5.3756398 00	5.4200343 00
3.2500005 02	4.9258672-02	5.3288068 00	5.3780655 00
3.3000005 02	5.6861322-02	5.2776850 00	5.3345463 00
3.3300005 02	6.3317746-02	5.2444900 00	5.3078077 00
3.3500005 02	6.8735188-02	5.2212646 00	5.2899998 00
3.3800005 02	7.9169707-02	5.1849765 00	5.2641462 00
3.4000005 02	8.8230827-02	5.1601648 00	5.2483955 00
3.4300005 02	1.0652407-01	5.1234473 00	5.2299714 00
3.4500005 02	1.2334366-01	5.1011242 00	5.2244679 00
3.4700005 02	1.4584103-01	5.0834839 00	5.2293250 00
3.5000005 02	1.9734919-01	5.0786967 00	5.2760458 00
3.5200005 02	2.5300977-01	5.1099942 00	5.3630040 00
3.5400005 02	3.4325765-01	5.2117322 00	5.5549898 00
3.5500005 02	4.1337637-01	5.3226755 00	5.7360518 00
3.5700005 02	6.8239757-01	5.9187609 00	6.6011584 00
3.5800005 02	9.7416685-01	6.7266065 00	7.7007734 00
3.5900005 02	1.5212936 00	8.4230508 00	9.9443443 00
3.6000005 02	2.5526794 00	1.1873329 01	1.4426008 01
3.6100005 02	4.4016295 00	1.8378830 01	2.2780461 01
3.6200005 02	7.4215556 00	2.9390207 01	3.6811762 01
3.6300005 02	1.1771939 01	4.5708916 01	5.7480854 01
3.6350005 02	1.4371353 01	5.5651393 01	7.0022746 01
3.6400005 02	1.7133605 01	6.6365101 01	8.3498705 01
3.6450005 02	1.9917254 01	7.7332220 01	9.7249473 01
3.6500005 02	2.2550388 01	8.7906285 01	1.1045667 02
3.6550005 02	2.4846694 01	9.7370048 01	1.2221674 02
3.6580005 02	2.5987214 01	1.0221781 02	1.2820503 02
3.6600005 02	2.6626903 01	1.0501580 02	1.3164271 02
3.6620005 02	2.7160005 01	1.0742511 02	1.3458512 02
3.6650005 02	2.7743802 01	1.1024194 02	1.3798574 02
3.6680005 02	2.8052839 01	1.1203165 02	1.4008449 02
3.6720004 02	2.8022173 01	1.1273957 02	1.4076174 02
3.6750005 02	2.7668504 01	1.1200007 02	1.3966858 02

TABLE VI (Continued)

T = 1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
3.6770004 02	2.7280881 01	1.1091645 02	1.3819734 02
3.6800005 02	2.6485651 01	1.0844946 02	1.3493512 02
3.6820005 02	2.5823998 01	1.0628119 02	1.3210519 02
3.6850005 02	2.4656285 01	1.0232050 02	1.2697678 02
3.6900005 02	2.2332237 01	9.4153593 01	1.1648583 02
3.6950005 02	1.9693280 01	8.4612265 01	1.0430555 02
3.7000005 02	1.6923124 01	7.4391839 01	9.1314962 01
3.7050005 02	1.4188463 01	6.4138128 01	7.8326591 01
3.7100005 02	1.1624664 01	5.4389255 01	6.6013919 01
3.7200005 02	7.3464340 00	3.7808610 01	4.5155044 01
3.7300005 02	4.3767757 00	2.5990265 01	3.0367041 01
3.7400005 02	2.5506692 00	1.8491409 01	2.1042079 01
3.7500005 02	1.5242304 00	1.4100293 01	1.5624523 01
3.7600005 02	9.7514587-01	1.1618137 01	1.2593283 01
3.7800005 02	5.1411625-01	9.3123808 00	9.8264970 00
3.8000005 02	3.4132447-01	8.2977840 00	8.6391084 00
3.8200005 02	2.5349127-01	7.7095467 00	7.9630378 00
3.8500005 02	1.8172094-01	7.1581153 00	7.3398361 00
3.9000005 02	1.2911625-01	6.6200798 00	6.7491960 00
3.9500005 02	1.3207460-01	6.2693005 00	6.4013751 00
3.9700005 02	2.2435019-01	6.1524355 00	6.3767857 00
3.9900005 02	7.1081479-01	6.0934830 00	6.8042978 00
4.0000005 02	1.3374310 00	6.1339101 00	7.4713409 00
4.0100005 02	2.3678326 00	6.2595209 00	8.6273534 00
4.0200005 02	3.8840153 00	6.5012223 00	1.0385237 01
4.0250005 02	4.7893335 00	6.6674154 00	1.1456749 01
4.0300005 02	5.7299245 00	6.8552218 00	1.2585146 01
4.0330005 02	6.3102141 00	6.9751570 00	1.3285371 01
4.0350005 02	6.6527717 00	7.0542130 00	1.3706985 01
4.0380005 02	7.2186967 00	7.1810469 00	1.4399744 01
4.0400005 02	7.5169233 00	7.2549057 00	1.4771829 01
4.0430005 02	8.0152587 00	7.3790150 00	1.5394274 01
4.0450005 02	8.2854379 00	7.4489603 00	1.5734398 01
4.0480005 02	8.6646221 00	7.5588675 00	1.6223490 01
4.0500005 02	8.9083527 00	7.6261765 00	1.6534529 01
4.0520005 02	9.1382059 00	7.6973087 00	1.6835515 01
4.0550005 02	9.3191275 00	7.7723905 00	1.7091518 01
4.0580005 02	9.3936496 00	7.8299942 00	1.7223644 01
4.0600005 02	9.4565905 00	7.8719846 00	1.7328575 01
4.0620005 02	9.3854566 00	7.8912988 00	1.7276755 01
4.0650005 02	9.2970177 00	7.9140898 00	1.7211108 01
4.0680005 02	9.1021213 00	7.9137815 00	1.7015903 01
4.0700005 02	8.8674077 00	7.8971225 00	1.6764530 01
4.0720005 02	8.6128429 00	7.8694948 00	1.6482338 01
4.0750005 02	8.2284575 00	7.8278558 00	1.6056313 01
4.0770004 02	7.9457190 00	7.7881835 00	1.5733903 01
4.0800005 02	7.4455727 00	7.7166406 00	1.5162214 01
4.0850005 02	6.5724168 00	7.5735267 00	1.4145943 01
4.0900005 02	5.6525889 00	7.4075261 00	1.3060115 01
4.0950005 02	4.7283423 00	7.2277581 00	1.1956101 01
4.1000005 02	3.8440814 00	7.0441109 00	1.0888192 01
4.1100005 02	2.3472003 00	6.7025502 00	9.0497505 00
4.1300005 02	7.0186702-01	6.2399707 00	6.9418376 00
4.1500005 02	2.0996117-01	6.0206894 00	6.2306506 00
4.1600005 02	1.3891796-01	5.9573146 00	6.0962325 00
4.1700005 02	1.0873494-01	5.9078667 00	6.0166016 00
4.1800005 02	9.5598388-02	5.8658783 00	5.9614766 00
4.2000005 02	8.6403116-02	5.7923669 00	5.8787700 00
4.2200005 02	8.5243734-02	5.7245855 00	5.8098292 00
4.2400005 02	8.8495313-02	5.6575204 00	5.7460157 00
4.2500005 02	9.1933430-02	5.6231071 00	5.7150405 00
4.2700005 02	1.0528689-01	5.5503093 00	5.6555962 00
4.2800005 02	1.1955539-01	5.5116561 00	5.6312115 00

TABLE VI (Continued)

T = 1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.2900005 02	1.4733659-01	5.4726758 00	5.6200123 00
4.3000005 02	2.0744579-01	5.4384584 00	5.6459041 00
4.3200005 02	6.2366108-01	5.4527586 00	6.0764197 00
4.3400005 02	2.1644186 00	5.8729469 00	8.0373654 00
4.3500005 02	3.7115422 00	6.4044497 00	1.0115992 01
4.3600005 02	5.8364002 00	7.2088017 00	1.3045202 01
4.3700005 02	8.3372707 00	8.2367681 00	1.6574039 01
4.3750005 02	9.5972877 00	8.7892370 00	1.8386525 01
4.3800005 02	1.0769497 01	9.3307401 00	2.0100237 01
4.3830005 02	1.1377437 01	9.6272096 00	2.1004647 01
4.3850005 02	1.1778191 01	9.8293669 00	2.1607558 01
4.3880005 02	1.2253569 01	1.0084381 01	2.2337949 01
4.3900005 02	1.2552832 01	1.0253256 01	2.2806089 01
4.3920005 02	1.2770389 01	1.0392248 01	2.3162637 01
4.3940005 02	1.2921213 01	1.0503482 01	2.3424695 01
4.3950005 02	1.3036304 01	1.0574065 01	2.3610369 01
4.3980005 02	1.3151569 01	1.0698155 01	2.3849724 01
4.4000005 02	1.3192156 01	1.0770372 01	2.3962528 01
4.4020005 02	1.3140979 01	1.0805702 01	2.3946681 01
4.4050005 02	1.3008818 01	1.0830012 01	2.3838829 01
4.4060005 02	1.2887962 01	1.0805816 01	2.3693777 01
4.4080005 02	1.2726581 01	1.0791079 01	2.3517659 01
4.4100005 02	1.2501364 01	1.0751582 01	2.3252946 01
4.4120004 02	1.2195927 01	1.0677044 01	2.2872971 01
4.4150005 02	1.1709118 01	1.0544236 01	2.2253354 01
4.4170005 02	1.1305999 01	1.0422894 01	2.1728892 01
4.4200005 02	1.0690876 01	1.0226426 01	2.0917302 01
4.4250005 02	9.5177258 00	9.8233870 00	1.9341113 01
4.4300005 02	8.2646623 00	9.3639746 00	1.7628637 01
4.4350005 02	7.0028416 00	8.8774100 00	1.5880251 01
4.4400005 02	5.7935020 00	8.3905096 00	1.4184012 01
4.4450005 02	4.6836042 00	7.9254772 00	1.2609081 01
4.4500005 02	3.7040927 00	7.4986775 00	1.1202770 01
4.4600005 02	2.1841596 00	6.7949490 00	8.9791086 00
4.4800005 02	6.6392512-01	5.9759051 00	6.6398302 00
4.5000005 02	2.5126436-01	5.6412728 00	5.8925371 00
4.5500005 02	1.6419942-01	5.3131517 00	5.4773511 00
4.6000005 02	2.1595719-01	5.0738171 00	5.2897743 00
4.6300005 02	2.8835022-01	4.9411849 00	5.2295351 00
4.6500005 02	3.7227458-01	4.8744291 00	5.2467036 00
4.6600005 02	4.3503587-01	4.8628632 00	5.2978990 00
4.6800005 02	6.6235296-01	5.0121470 00	5.6744999 00
4.7000005 02	1.3052614 00	6.0851599 00	7.3904213 00
4.7100005 02	2.0712985 00	7.7405987 00	9.8118972 00
4.7200005 02	3.4678916 00	1.1080660 01	1.4548552 01
4.7300005 02	5.8815649 00	1.7236848 01	2.3118413 01
4.7500005 02	1.5299996 01	4.2852764 01	5.8152760 01
4.7550005 02	1.8715015 01	5.2474463 01	7.1189478 01
4.7600005 02	2.2456137 01	6.3171065 01	8.5627202 01
4.7650005 02	2.6429116 01	7.4698092 01	1.0112721 02
4.7700005 02	3.0462825 01	8.6599692 01	1.1706251 02
4.7750005 02	3.4377675 01	9.8365493 01	1.3274317 02
4.7800005 02	3.7969175 01	1.0942474 02	1.4739392 02
4.7830005 02	3.9880427 01	1.1545625 02	1.5533667 02
4.7850005 02	4.1008521 01	1.1909473 02	1.6010325 02
4.7880005 02	4.2494936 01	1.2401853 02	1.6651347 02
4.7900005 02	4.3341171 01	1.2691647 02	1.7025763 02
4.7950005 02	4.4761087 01	1.3224551 02	1.7700659 02
4.8000005 02	4.5238491 01	1.3494844 02	1.8018694 02
4.8050005 02	4.4668357 01	1.3466210 02	1.7933045 02
4.8100005 02	4.3164617 01	1.3164754 02	1.7481216 02
4.8130005 02	4.1821643 01	1.2852878 02	1.7035042 02
4.8150005 02	4.0765702 01	1.2596741 02	1.6673311 02

TABLE VI (Continued)

T = 1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.8200005 02	3.7681006 01	1.1816273 02	1.5584374 02
4.8250005 02	3.4071055 01	1.0867510 02	1.4274616 02
4.8300005 02	3.0157818 01	9.8108457 01	1.2826627 02
4.8350005 02	2.6149563 01	8.7070032 01	1.1321959 02
4.8400005 02	2.2212090 01	7.6035992 01	9.8248082 01
4.8500005 02	1.5150143 01	5.5811852 01	7.0961995 01
4.8600005 02	9.6684425 00	3.9665419 01	4.9333861 01
4.8700005 02	5.8701683 00	2.8131575 01	3.4001743 01
4.8800005 02	3.4794137 00	2.0597352 01	2.4076765 01
4.9000005 02	1.3162575 00	1.3259852 01	1.4576109 01
4.9200005 02	6.6640045-01	1.0630240 01	1.1296640 01
4.9500005 02	3.8164482-01	9.0783909 00	9.4600356 00
4.9800005 02	3.0285809-01	8.2827919 00	8.5856498 00
5.0000005 02	3.8144715-01	7.9297529 00	8.3112000 00
5.0200005 02	8.5995733-01	7.7776517 00	8.6376090 00
5.0500005 02	3.7937817 00	8.5733125 00	1.2367094 01
5.0600005 02	5.5514490 00	9.2494214 00	1.4800870 01
5.0700005 02	7.5558832 00	1.0108583 01	1.7664466 01
5.0750005 02	8.5364462 00	1.0557598 01	1.9094044 01
5.0800005 02	9.4026974 00	1.0978361 01	2.0381058 01
5.0850005 02	1.0121449 01	1.1358227 01	2.1479675 01
5.0880005 02	1.0504700 01	1.1577422 01	2.2082122 01
5.0900005 02	1.0688857 01	1.1691564 01	2.2380422 01
5.0930005 02	1.0977896 01	1.1873110 01	2.2851006 01
5.0950005 02	1.1073351 01	1.1955650 01	2.3029001 01
5.0970005 02	1.1124587 01	1.2018571 01	2.3143159 01
5.1000005 02	1.1205356 01	1.2113138 01	2.3318494 01
5.1030005 02	1.1107910 01	1.2131044 01	2.3238954 01
5.1050005 02	1.1046002 01	1.2145433 01	2.3191435 01
5.1100005 02	1.0637218 01	1.2068928 01	2.2706145 01
5.1150005 02	1.0051986 01	1.1907772 01	2.1959758 01
5.1200004 02	9.3199557 00	1.1665540 01	2.0985496 01
5.1250004 02	8.4397253 00	1.1338291 01	1.9778016 01
5.1300005 02	7.4487222 00	1.0944926 01	1.8393647 01
5.1400005 02	5.4598450 00	1.0104754 01	1.5564599 01
5.1500005 02	3.7070252 00	9.2983110 00	1.3005336 01
5.1600004 02	2.3139298 00	8.6091386 00	1.0923069 01
5.1700005 02	1.3674057 00	8.0954986 00	9.4629042 00
5.1800005 02	7.6787446-01	7.7319098 00	8.4997842 00
5.1900004 02	4.3144281-01	7.4920950 00	7.9235378 00
5.2000004 02	2.5350345-01	7.3333408 00	7.5868443 00
5.2200005 02	1.2233331-01	7.1474141 00	7.2697474 00
5.2500005 02	7.9651443-02	6.9895366 00	7.0691881 00
5.2700004 02	6.9443082-02	6.9120813 00	6.9815243 00
5.3000004 02	5.9793929-02	6.8155219 00	6.8753158 00
5.3200005 02	5.5436710-02	6.7599407 00	6.8153774 00
5.3500005 02	5.0810106-02	6.6856408 00	6.7364508 00
5.4000005 02	4.6518713-02	6.5778783 00	6.6243971 00
5.4500004 02	4.5553295-02	6.4813607 00	6.5269140 00
5.4800005 02	4.6697385-02	6.4254364 00	6.4721337 00
5.5000005 02	4.8429900-02	6.3878513 00	6.4362812 00
5.5300004 02	5.3270508-02	6.3292577 00	6.3825281 00
5.5500005 02	5.9396188-02	6.2873401 00	6.3467363 00
5.5700005 02	7.3471068-02	6.2428204 00	6.3162914 00
5.5900005 02	1.2041288-01	6.2020985 00	6.3225113 00
5.6000004 02	1.8128416-01	6.1924741 00	6.3737583 00
5.6100005 02	2.9528334-01	6.2019376 00	6.4972210 00
5.6200005 02	4.9990629-01	6.2479141 00	6.7478203 00
5.6300005 02	8.3855339-01	6.3532018 00	7.1917552 00
5.6400004 02	1.3396094 00	6.5360234 00	7.8756328 00
5.6500005 02	2.0253396 00	6.8143379 00	8.8396776 00
5.6600005 02	2.8792473 00	7.1941900 00	1.0073437 01
5.6700004 02	3.7799277 00	7.6338254 00	1.1413753 01

TABLE VI (Continued)

T = 1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
5.6750004 02	4.2149920 00	7.8611856 00	1.2076178 01
5.6800005 02	4.5893603 00	8.0794295 00	1.2668790 01
5.6850005 02	4.9613583 00	8.3119718 00	1.3273330 01
5.6900005 02	5.2154820 00	8.5065157 00	1.3721998 01
5.6950005 02	5.3936548 00	8.6952739 00	1.4088929 01
5.6970004 02	5.4407999 00	8.7654496 00	1.4206250 01
5.7000005 02	5.5277069 00	8.8870952 00	1.4414802 01
5.7030005 02	5.5108756 00	8.9737126 00	1.4484588 01
5.7050004 02	5.5113846 00	9.0446402 00	1.4556025 01
5.7070005 02	5.5009254 00	9.1175616 00	1.4618487 01
5.7100004 02	5.4618986 00	9.2344923 00	1.4696391 01
5.7150004 02	5.3541357 00	9.4449338 00	1.4799069 01
5.7200005 02	5.1594472 00	9.6849215 00	1.4844369 01
5.7250005 02	5.0022592 00	1.0021399 01	1.5023657 01
5.7300005 02	4.8210621 00	1.0435372 01	1.5256434 01
5.7350005 02	4.66680110 00	1.0971222 01	1.5639233 01
5.7400005 02	4.5996936 00	1.1657133 01	1.6256828 01
5.7450004 02	4.5676513 00	1.2477419 01	1.7045071 01
5.7500004 02	4.6344226 00	1.3460458 01	1.8094881 01
5.7550005 02	4.7830652 00	1.4582845 01	1.9365910 01
5.7600005 02	4.9926707 00	1.5817959 01	2.0810629 01
5.7650005 02	5.2774311 00	1.7140098 01	2.2417529 01
5.7700005 02	5.5922164 00	1.8488385 01	2.4080602 01
5.7750005 02	5.9217075 00	1.9810542 01	2.5732249 01
5.7800004 02	6.2399623 00	2.1042455 01	2.7282417 01
5.7850004 02	6.5104261 00	2.2116802 01	2.8627228 01
5.7900005 02	6.7151641 00	2.2978020 01	2.9693184 01
5.7950005 02	6.8288306 00	2.3574719 01	3.0403550 01
5.7970003 02	6.8456495 00	2.3731328 01	3.0576978 01
5.8000005 02	6.8374384 00	2.3873063 01	3.0710501 01
5.8030005 02	6.7898318 00	2.3901233 01	3.0691065 01
5.8050005 02	6.7351595 00	2.3856267 01	3.0591426 01
5.8100005 02	6.5211481 00	2.3525539 01	3.0046686 01
5.8150004 02	6.2047449 00	2.2901608 01	2.9106354 01
5.8200004 02	5.8000970 00	2.2020546 01	2.7820643 01
5.8250004 02	5.3264773 00	2.0931271 01	2.6257749 01
5.8300005 02	4.8061571 00	1.9690629 01	2.4496786 01
5.8350005 02	4.2617391 00	1.8358136 01	2.2619874 01
5.8400005 02	3.7150665 00	1.6991812 01	2.0706878 01
5.8500005 02	2.6877608 00	1.4357557 01	1.7045318 01
5.8600004 02	1.8308717 00	1.2092048 01	1.3922921 01
5.8700005 02	1.1861339 00	1.0333797 01	1.1519930 01
5.8800005 02	7.4236502-01	9.0804482 00	9.8228132 00
5.8900004 02	4.5956321-01	8.2459542 00	8.7055173 00
5.9000005 02	2.9027128-01	7.7165077 00	8.0067790 00
5.9200005 02	1.3844176-01	7.1822560 00	7.3206978 00
5.9500005 02	7.5329424-02	6.8837810 00	6.9591104 00
5.9700004 02	5.9826921-02	6.7821408 00	6.8419677 00
6.0000004 02	4.6750599-02	6.6785378 00	6.7252884 00
6.0500005 02	3.5339589-02	6.5656195 00	6.6009590 00
6.1000005 02	2.9338909-02	6.4888490 00	6.5181879 00
6.1500004 02	2.5767205-02	6.4306985 00	6.4564657 00
6.2000005 02	2.3491352-02	6.3834486 00	6.4069399 00
6.3000004 02	2.1036043-02	6.3071186 00	6.3281545 00
6.4000005 02	2.0249999-02	6.2426949 00	6.2629448 00
6.5000005 02	2.0842627-02	6.1813236 00	6.2021663 00
6.6000005 02	2.3408101-02	6.1154002 00	6.1388082 00
6.6500005 02	2.6053348-02	6.0776596 00	6.1037130 00
6.7000004 02	3.0479882-02	6.0342259 00	6.0647057 00
6.7500005 02	3.8390744-02	5.9822496 00	6.0206403 00
6.7800004 02	4.6477158-02	5.9455420 00	5.9920191 00
6.8000005 02	5.4499206-02	5.9185348 00	5.9730339 00
6.8300005 02	7.4644176-02	5.8768415 00	5.9514857 00

TABLE VI (Continued)

T = 1 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
6.8500004 02	1.0253708-01	5.8634746 00	5.9660116 00
6.8800005 02	2.3738590-01	6.0303637 00	6.2677496 00
6.9000005 02	5.5041234-01	6.6933596 00	7.2437719 00
6.9100005 02	8.6486837-01	7.4478058 00	8.3126742 00
6.9200004 02	1.3439373 00	8.6625392 00	1.0006477 01
6.9300005 02	2.0287246 00	1.0472029 01	1.2500754 01
6.9400005 02	2.9387764 00	1.2958815 01	1.5897591 01
6.9500005 02	4.0527867 00	1.6095970 01	2.0148757 01
6.9600004 02	5.2940902 00	1.9699132 01	2.4993222 01
6.9700005 02	6.5299451 00	2.3414647 01	2.9944592 01
6.9750005 02	7.0932784 00	2.5167348 01	3.2260626 01
6.9800005 02	7.5904734 00	2.6763481 01	3.4353954 01
6.9850005 02	8.0006928 00	2.8140212 01	3.6140905 01
6.9900005 02	8.3058902 00	2.9241071 01	3.7546961 01
6.9950004 02	8.4922439 00	3.0020242 01	3.8512486 01
7.0000004 02	8.5512075 00	3.0445923 01	3.8997131 01
7.0050005 02	8.4801065 00	3.0502536 01	3.8982642 01
7.0100005 02	8.2824228 00	3.0191909 01	3.8474332 01
7.0150005 02	7.9674592 00	2.9532984 01	3.7500443 01
7.0200005 02	7.5496284 00	2.8560152 01	3.6109780 01
7.0300004 02	6.4814640 00	2.5869522 01	3.2350985 01
7.0400005 02	5.2479132 00	2.2580269 01	2.7828183 01
7.0500005 02	4.0160054 00	1.9169575 01	2.3185580 01
7.0600005 02	2.9142699 00	1.6024798 01	1.8939067 01
7.0700004 02	2.0156104 00	1.3385262 01	1.5400872 01
7.0800005 02	1.3390679 00	1.1337684 01	1.2676752 01
7.0900005 02	8.6465014-01	9.8517818 00	1.0716432 01
7.1000005 02	5.5191665-01	8.8303394 00	9.3822560 00
7.1100004 02	3.5608308-01	8.1554211 00	8.5115042 00
7.1300005 02	1.6805022-01	7.4358109 00	7.6038611 00
7.1500005 02	1.0082871-01	7.1166429 00	7.2174716 00
7.1700005 02	7.2455293-02	6.9448767 00	7.0173319 00
7.2000005 02	5.2046881-02	6.7900736 00	6.8421204 00
7.2200004 02	4.3943457-02	6.7187577 00	6.7627011 00
7.2500004 02	3.5714815-02	6.6375343 00	6.6732491 00
7.2700005 02	3.1814461-02	6.5923913 00	6.6242058 00
7.3000005 02	2.7288541-02	6.5149209 00	6.5422094 00



TABLE VII (Continued)

T = 2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.8200005 01	1.9375780 01	2.4724996 01	4.4100776 01
4.8500005 01	1.3429882 01	1.9509512 01	3.2939393 01
4.9000005 01	7.3500742 00	1.4047871 01	2.1397945 01
4.9500005 01	4.2634055 00	1.1151965 01	1.5415371 01
5.0000005 01	2.7301257 00	9.6197644 00	1.2349890 01
5.1000005 01	1.4914069 00	8.2295648 00	9.7209716 00
5.2000004 01	1.0109669 00	7.5920537 00	8.6030206 00
5.3000005 01	7.5175168-01	7.2055960 00	7.9573477 00
5.4000005 01	5.8785714-01	6.9390417 00	7.5268989 00
5.5000005 01	4.7678101-01	6.7432252 00	7.2200061 00
5.7000005 01	3.4027265-01	6.4736496 00	6.8139222 00
6.0000005 01	2.3962258-01	6.2262145 00	6.4658371 00
6.2000005 01	2.0868118-01	6.1134378 00	6.3221189 00
6.4000005 01	2.0190009-01	6.0218466 00	6.2237467 00
6.5000005 01	2.1618004-01	5.9802054 00	6.1963854 00
6.6000005 01	2.7494091-01	5.9399474 00	6.2148884 00
6.7000005 01	5.0517061-01	5.9041786 00	6.4093492 00
6.8000005 01	1.2676473 00	5.8901575 00	7.1578048 00
6.8500005 01	2.0295829 00	5.9031818 00	7.9327647 00
6.9000005 01	3.1245356 00	5.9375804 00	9.0621159 00
6.9300005 01	3.9397325 00	5.9702332 00	9.9099657 00
6.9500005 01	4.5391634 00	5.9971316 00	1.0536295 01
6.9700005 01	5.1728014 00	6.0279230 00	1.1200724 01
6.9900004 01	5.8282887 00	6.0622144 00	1.1890503 01
7.0000005 01	6.1596092 00	6.0804940 00	1.2240103 01
7.0200005 01	6.8189154 00	6.1188577 00	1.2937773 01
7.0400005 01	7.4585429 00	6.1588759 00	1.3617419 01
7.0500005 01	7.7650382 00	6.1791888 00	1.3944227 01
7.0700004 01	8.3393938 00	6.2197241 00	1.4559118 01
7.0800005 01	8.6025599 00	6.2396521 00	1.4842212 01
7.0900005 01	8.8467071 00	6.2591532 00	1.5105860 01
7.1000005 01	9.0697214 00	6.2780761 00	1.5347798 01
7.1100003 01	9.2696488 00	6.2962719 00	1.5565921 01
7.1200005 01	9.4447048 00	6.3135959 00	1.5758301 01
7.1300005 01	9.5932888 00	6.3299081 00	1.5923197 01
7.1400004 01	9.7140599 00	6.3450756 00	1.6059135 01
7.1500005 01	9.8059258 00	6.3589748 00	1.6164901 01
7.1600003 01	9.8680404 00	6.3714956 00	1.6239536 01
7.1700005 01	9.8998627 00	6.3825393 00	1.6282402 01
7.1800005 01	9.9011410 00	6.3920199 00	1.6293161 01
7.1900005 01	9.8719176 00	6.3998686 00	1.6271786 01
7.2000005 01	9.8125359 00	6.4060346 00	1.6218570 01
7.2100003 01	9.7236076 00	6.4104782 00	1.6134086 01
7.2200004 01	9.6060554 00	6.4131819 00	1.6019237 01
7.2300005 01	9.4610205 00	6.4141442 00	1.5875165 01
7.2400003 01	9.2899096 00	6.4133782 00	1.5703288 01
7.2500005 01	9.0943393 00	6.4109143 00	1.5505254 01
7.2600005 01	8.8761186 00	6.4068004 00	1.5282919 01
7.2700005 01	8.6372192 00	6.4010939 00	1.5038313 01
7.2800005 01	8.3797279 00	6.3938694 00	1.4773597 01
7.2900004 01	8.1058640 00	6.3852117 00	1.4491076 01
7.3000005 01	7.8178838 00	6.3752157 00	1.4193099 01
7.3100003 01	7.5181088 00	6.3639852 00	1.3882094 01
7.3200005 01	7.2088666 00	6.3516307 00	1.3560497 01
7.3300005 01	6.8924551 00	6.3382686 00	1.3230724 01
7.3500005 01	6.2471509 00	6.3090048 00	1.2556155 01
7.3700005 01	5.5993099 00	6.2771691 00	1.1876479 01
7.4000005 01	4.6557255 00	6.2266790 00	1.0882405 01
7.4200005 01	4.0634845 00	6.1924759 00	1.0255960 01
7.4500005 01	3.2529103 00	6.1422284 00	9.3951387 00
7.4700004 01	2.7726079 00	6.1102958 00	8.8829037 00
7.5000005 01	2.1485945 00	6.0657970 00	8.2143914 00
7.5500005 01	1.3597616 00	6.0024947 00	7.3622562 00

TABLE VII  
Mo CROSS SECTIONS  
Mo Temperature = 2 ev

Neutron Energy, $E_n$ (ev)	Radiative Capture Cross Section, $\sigma_\gamma$ (barns)	Scattering Cross Section, $\sigma_s$ (barns)	Total Cross Section, $\sigma_T$ (barns)
2.5300005-02	2.7364575 00	7.3927737 00	1.0129231 01
4.0000008-02	2.1768219 00	6.7234198 00	8.9002416 00
5.0000009-02	1.9473252 00	6.4816856 00	8.4290108 00
7.0000008-02	1.6463241 00	6.1995478 00	7.8458718 00
1.0000005-01	1.3780845 00	5.9851289 00	7.3632133 00
2.0000005-01	9.7603972-01	5.7335830 00	6.7096228 00
5.0000005-01	6.2034879-01	5.5815521 00	6.2019008 00
1.0000005 00	4.4233692-01	5.5291397 00	5.9714765 00
2.0000005 00	3.1825028-01	5.4995789 00	5.8178291 00
5.0000005 00	2.1317767-01	5.4702540 00	5.6834317 00
1.0000005 01	1.6961548-01	5.4376732 00	5.6072887 00
1.5000005 01	1.6190830-01	5.4021971 00	5.5641054 00
2.0000005 01	1.7349689-01	5.3587921 00	5.5322889 00
2.5000005 01	2.0969339-01	5.3032158 00	5.5129092 00
3.0000005 01	2.9952094-01	5.2316513 00	5.5311722 00
3.2000005 01	3.7042373-01	5.1997523 00	5.5701760 00
3.4000005 01	4.8623294-01	5.1710778 00	5.6573107 00
3.5000005 01	5.7390559-01	5.1619021 00	5.7358076 00
3.6000005 01	6.9531350-01	5.1613950 00	5.8567085 00
3.7000005 01	8.7128845-01	5.1787081 00	6.0499965 00
3.8000005 01	1.1435481 00	5.2346377 00	6.3781858 00
3.9000005 01	1.6165003 00	5.3893701 00	7.0058704 00
4.0000005 01	2.7605852 00	5.9753878 00	8.7359730 00
4.1000005 01	7.1194055 00	8.9793677 00	1.6098773 01
4.1500005 01	1.3224106 01	1.3601150 01	2.6825256 01
4.2000005 01	2.4920291 01	2.2790938 01	4.7711229 01
4.2500005 01	4.4839181 01	3.8828955 01	8.3668136 01
4.2800005 01	6.1357329 01	5.2328378 01	1.1368571 02
4.3000005 01	7.4166824 01	6.2887360 01	1.3705419 02
4.3200005 01	8.8157037 01	7.4499105 01	1.6265614 02
4.3500005 01	1.1052657 02	9.3233660 01	2.0376023 02
4.3700005 01	1.2561635 02	1.0599766 02	2.3161401 02
4.3900005 01	1.4013252 02	1.1839381 02	2.5852632 02
4.4000005 01	1.4696750 02	1.2428103 02	2.7124852 02
4.4100005 01	1.5340856 02	1.2986726 02	2.8327582 02
4.4200004 01	1.5937409 02	1.3508336 02	2.9445745 02
4.4300005 01	1.6478644 02	1.3986340 02	3.0464984 02
4.4400005 01	1.6957364 02	1.4414541 02	3.1371905 02
4.4500005 01	1.7367094 02	1.4787321 02	3.2154415 02
4.4600004 01	1.7702251 02	1.5099767 02	3.2802018 02
4.4700005 01	1.7958250 02	1.5347767 02	3.3306017 02
4.4800005 01	1.8131618 02	1.5528103 02	3.3659722 02
4.4900005 01	1.8220088 02	1.5638545 02	3.3858632 02
4.5000005 01	1.8222619 02	1.5677876 02	3.3900494 02
4.5100005 01	1.8139435 02	1.5645916 02	3.3785352 02
4.5200005 01	1.7972015 02	1.5543546 02	3.3515562 02
4.5300005 01	1.7723045 02	1.5372640 02	3.3095685 02
4.5400005 01	1.7396341 02	1.5136052 02	3.2532393 02
4.5500005 01	1.6996754 02	1.4837508 02	3.1834262 02
4.5600005 01	1.6530056 02	1.4481509 02	3.1011565 02
4.5700004 01	1.6002786 02	1.4073265 02	3.0076051 02
4.5800005 01	1.5422113 02	1.3618508 02	2.9040621 02
4.5900005 01	1.4795685 02	1.3123434 02	2.7919119 02
4.6000005 01	1.4131409 02	1.2594478 02	2.6725887 02
4.6100004 01	1.3437364 02	1.2038264 02	2.5475628 02
4.6300005 01	1.1991860 02	1.0870406 02	2.2862267 02
4.6500005 01	1.0520527 02	9.6709045 01	2.0191431 02
4.6700005 01	9.0779540 01	8.4857076 01	1.7563662 02
4.7000005 01	7.0633261 01	6.8162144 01	1.3879540 02
4.7200004 01	5.8647652 01	5.8147653 01	1.1679531 02
4.7500005 01	4.3256015 01	4.5182949 01	8.8438964 01
4.7700005 01	3.4782041 01	3.7983367 01	7.2765407 01
4.8000005 01	2.4620539 01	2.9270284 01	5.3890822 01

TABLE VII (Continued)

T = 2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
7.6000005 01	8.4220607-01	5.9531373 00	6.7953434 00
7.7000004 01	3.4514305-01	5.8879280 00	6.2330710 00
7.8000005 01	1.8987959-01	5.8493511 00	6.0392307 00
8.0000005 01	1.1963139-01	5.8012101 00	5.9208414 00
8.2000005 01	1.0006741-01	5.7659144 00	5.8659817 00
8.4000005 01	9.0162880-02	5.7359168 00	5.8260797 00
9.0000005 01	7.9416640-02	5.6594380 00	5.7388547 00
9.2000005 01	7.8817650-02	5.6358010 00	5.7146186 00
9.5000005 01	7.9722830-02	5.6004937 00	5.6802165 00
9.8000005 01	8.2674186-02	5.5643058 00	5.6469800 00
1.0000005 02	8.5867314-02	5.5391159 00	5.6249831 00
1.0500005 02	9.9404934-02	5.4695936 00	5.5689985 00
1.1000005 02	1.2583667-01	5.3842772 00	5.5101139 00
1.1500005 02	1.8092102-01	5.2705709 00	5.4514919 00
1.2000005 02	3.2224021-01	5.1069412 00	5.4291814 00
1.2200005 02	4.5303001-01	5.0242719 00	5.4773018 00
1.2300005 02	5.6478386-01	4.9862012 00	5.5509850 00
1.2400005 02	7.6354228-01	4.9802390 00	5.7437813 00
1.2500005 02	1.1837811 00	5.0907384 00	6.2745195 00
1.2600005 02	2.2279872 00	5.5984690 00	7.8264562 00
1.2700005 02	4.8508153 00	7.2067601 00	1.2057575 01
1.2800005 02	1.0807074 01	1.1265487 01	2.2072561 01
1.2900005 02	2.2290553 01	1.9556675 01	4.1847228 01
1.2950005 02	3.0547245 01	2.5699141 01	5.6246387 01
1.3000005 02	4.0364819 01	3.3137727 01	7.3502545 01
1.3050005 02	5.1313988 01	4.1585730 01	9.2899717 01
1.3080005 02	5.8133236 01	4.6929318 01	1.0506256 02
1.3100005 02	6.2667849 01	5.0520762 01	1.1318861 02
1.3130005 02	6.9277776 01	5.5820330 01	1.2509811 02
1.3150005 02	7.3459079 01	5.9219848 01	1.3267893 02
1.3180005 02	7.9215143 01	6.3981463 01	1.4319661 02
1.3200005 02	8.2606515 01	6.6849357 01	1.4945587 02
1.3230005 02	8.6878700 01	7.0574309 01	1.5745301 02
1.3250005 02	8.9093817 01	7.2598912 01	1.6169273 02
1.3270005 02	9.0764500 01	7.4223192 01	1.6498770 02
1.3300005 02	9.2156450 01	7.5827039 01	1.6798349 02
1.3320005 02	9.2330300 01	7.6325698 01	1.6865600 02
1.3350005 02	9.1431943 01	7.6184345 01	1.6761629 02
1.3370005 02	9.0092208 01	7.5514001 01	1.6560621 02
1.3380005 02			
1.3400005 02	8.7029642 01	7.3678622 01	1.6070826 02
1.3420005 02	8.4348693 01	7.1942866 01	1.5629156 02
1.3450005 02	7.9505242 01	6.8668078 01	1.4817332 02
1.3470005 02	7.5808692 01	6.6094333 01	1.4190302 02
1.3500005 02	6.9745113 01	6.1783050 01	1.3152817 02
1.3520005 02	6.5446091 01	5.8675074 01	1.2412116 02
1.3550005 02	5.8795256 01	5.3800763 01	1.1259602 02
1.3570005 02	5.4316409 01	5.0479597 01	1.0479600 02
1.3600005 02	4.7677739 01	4.5504874 01	9.3182614 01
1.3650005 02	3.7241582 01	3.7566849 01	7.4808432 01
1.3700005 02	2.8071800 01	3.0469136 01	5.8540936 01
1.3750005 02	2.0471150 01	2.4483152 01	4.4954302 01
1.3800005 02	1.4494408 01	1.9688512 01	3.4182921 01
1.3900005 02	6.8025692 00	1.3322421 01	2.0124990 01
1.4000005 02	3.1066230 00	1.0072903 01	1.3179526 01
1.4100005 02	1.5307462 00	8.5445258 00	1.0075272 01
1.4200005 02	8.8917973-01	7.8167133 00	8.7058931 00
1.4300005 02	6.1019987-01	7.4269332 00	8.0371331 00
1.4400005 02	4.6476363-01	7.1795671 00	7.6443307 00
1.4500005 02	3.7825896-01	7.0043689 00	7.3826279 00
1.4600005 02	3.1768934-01	6.8680835 00	7.1857728 00
1.4800005 02	2.3834180-01	6.6655093 00	6.9038511 00
1.5000005 02	1.9076082-01	6.5194357 00	6.7101965 00

TABLE VII (Continued)

T = 2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
1.5400005 02	1.8777318-01	6.3125229 00	6.5002960 00
1.5500005 02	2.6270058-01	6.2716774 00	6.5343780 00
1.5700005 02	8.0679156-01	6.2142393 00	7.0210308 00
1.5800005 02	1.4073202 00	6.2101219 00	7.6174421 00
1.5850005 02	1.7949647 00	6.2170856 00	8.0120503 00
1.5900005 02	2.2242153 00	6.2303824 00	8.4545976 00
1.5920005 02	2.4025163 00	6.2373778 00	8.6398940 00
1.5950005 02	2.6713766 00	6.2494770 00	8.9208535 00
1.5970005 02	2.8484114 00	6.2584742 00	9.1068855 00
1.6000005 02	3.1051753 00	6.2730906 00	9.3782659 00
1.6020005 02	3.2670064 00	6.2833756 00	9.5503819 00
1.6040005 02	3.4186781 00	6.2939208 00	9.7125990 00
1.6050005 02	3.4900815 00	6.2992448 00	9.7893263 00
1.6070005 02	3.6223326 00	6.3098668 00	9.9321994 00
1.6090005 02	3.7389974 00	6.3203247 00	1.0059322 01
1.6100005 02	3.7909913 00	6.3254422 00	1.0116434 01
1.6110005 02	3.8382686 00	6.3304446 00	1.0168713 01
1.6120005 02	3.8809203 00	6.3353225 00	1.0216243 01
1.6130005 02	3.9185621 00	6.3400518 00	1.0258614 01
1.6140005 02	3.9510891 00	6.3446024 00	1.0295692 01
1.6150005 02	3.9784963 00	6.3489718 00	1.0327468 01
1.6160005 02	4.0004164 00	6.3531226 00	1.0353539 01
1.6170005 02	4.0170397 00	6.3570482 00	1.0374088 01
1.6180005 02	4.0281063 00	6.3607297 00	1.0388836 01
1.6190005 02	4.0335879 00	6.3641400 00	1.0397728 01
1.6200005 02	4.0336395 00	6.3672828 00	1.0400922 01
1.6220005 02	4.0168906 00	6.3726618 00	1.0389553 01
1.6250005 02	3.9509984 00	6.3783448 00	1.0329343 01
1.6300005 02	3.7396147 00	6.3809445 00	1.0120559 01
1.6350005 02	3.4212579 00	6.3748155 00	9.7960733 00
1.6400005 02	3.0267321 00	6.3606146 00	9.3873466 00
1.6450005 02	2.5909350 00	6.3397462 00	8.9306811 00
1.6500005 02	2.1478509 00	6.3140820 00	8.4619328 00
1.6600005 02	1.3476691 00	6.2563563 00	7.6040253 00
1.6700005 02	7.6055241-01	6.2010086 00	6.9615610 00
1.6800005 02	3.9996590-01	6.1552739 00	6.5552398 00
1.6900005 02	2.0992641-01	6.1202744 00	6.3302008 00
1.7000005 02	1.2171750-01	6.0938598 00	6.2155772 00
1.7200005 02	6.8256734-02	6.0562209 00	6.1244776 00
1.7500005 02	5.3293855-02	6.0161455 00	6.0694394 00
1.8000005 02	4.4161258-02	5.9661867 00	6.0103479 00
1.8500005 02	3.9010264-02	5.9270610 00	5.9660712 00
1.9000005 02	3.5567460-02	5.8944898 00	5.9300572 00
2.0000005 02	3.1230776-02	5.8413993 00	5.8726301 00
2.1000005 02	2.8690914-02	5.7978698 00	5.8265606 00
2.2000005 02	2.7148063-02	5.7595794 00	5.7867274 00
2.3000005 02	2.6269671-02	5.7239496 00	5.7502193 00
2.4000005 02	2.5929976-02	5.6891138 00	5.7150437 00
2.5000005 02	2.6155812-02	5.6533668 00	5.6795225 00
2.6000005 02	2.7228221-02	5.6146405 00	5.6418687 00
2.7000005 02	3.0397019-02	5.5686210 00	5.5990180 00
2.7500005 02	3.4653222-02	5.5393237 00	5.5739768 00
2.8000005 02	5.8889137-02	5.5015311 00	5.5604202 00
2.8200005 02	1.3105325-01	5.4938089 00	5.6248621 00
2.8400005 02	3.9078429-01	5.5297099 00	5.9204942 00
2.8600005 02	1.0920803 00	5.6903762 00	6.7824565 00
2.8700005 02	1.6607374 00	5.8392994 00	7.5000368 00
2.8800005 02	2.3857472 00	6.0454470 00	8.4311942 00
2.8850005 02	2.7260563 00	6.1483694 00	8.8744256 00
2.8900005 02	3.1271894 00	6.2746606 00	9.4018500 00
2.8950005 02	3.4848398 00	6.3883837 00	9.8732234 00
2.9000005 02	3.7624118 00	6.4881584 00	1.0250570 01
2.9030005 02	3.9869912 00	6.5657647 00	1.0552756 01

TABLE VII (Continued)

T = 2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
2.9050005 02	4.0821094 00	6.6029758 00	1.0685085 01
2.9070005 02	4.1633098 00	6.6365803 00	1.0799890 01
2.9090005 02	4.2306766 00	6.6664780 00	1.0897155 01
2.9100005 02	4.2540910 00	6.6744182 00	1.0928509 01
2.9120005 02	4.3235150 00	6.7051918 00	1.1028707 01
2.9150005 02	4.3552146 00	6.7345757 00	1.1089790 01
2.9170005 02	4.3733126 00	6.7505935 00	1.1123907 01
2.9200005 02	4.4488003 00	6.7884618 00	1.1237262 01
2.9230005 02	4.3641826 00	6.7803020 00	1.1144485 01
2.9250005 02	4.3399150 00	6.7840434 00	1.1123959 01
2.9280005 02	4.3024448 00	6.7932044 00	1.1095649 01
2.9300005 02	4.2287037 00	6.7826215 00	1.1011325 01
2.9320005 02	4.1432568 00	6.7680698 00	1.0911327 01
2.9350005 02	4.0401242 00	6.7494625 00	1.0789587 01
2.9370004 02	3.9423311 00	6.7307403 00	1.0673071 01
2.9400005 02	3.7158930 00	6.6788157 00	1.0394708 01
2.9450005 02	3.4420395 00	6.6181449 00	1.0060184 01
2.9500005 02	3.0645313 00	6.5197126 00	9.5842439 00
2.9550005 02	2.6873879 00	6.4219170 00	9.1093049 00
2.9600005 02	2.3463514 00	6.3262645 00	8.6726159 00
2.9700005 02	1.6500064 00	6.1233062 00	7.7733125 00
2.9800005 02	1.0782703 00	5.9438190 00	7.0220893 00
2.9900005 02	6.6874737-01	5.8049145 00	6.4736619 00
3.0000005 02	3.9953097-01	5.7050658 00	6.1045968 00
3.0100005 02	2.3399038-01	5.6361322 00	5.8701226 00
3.0300005 02	9.0161786-02	5.5587163 00	5.6488780 00
3.0500005 02	5.3934369-02	5.5205962 00	5.5745305 00
3.1000005 02	4.2027575-02	5.4650753 00	5.5071028 00
3.1200005 02	4.1574317-02	5.4466212 00	5.4881955 00
3.1500005 02	4.1991614-02	5.4198859 00	5.4618775 00
3.2000005 02	4.4689504-02	5.3752732 00	5.4199627 00
3.2500005 02	4.9646345-02	5.3281904 00	5.3778368 00
3.3000005 02	5.7472313-02	5.2768966 00	5.3343689 00
3.3300005 02	6.4171511-02	5.2436778 00	5.3078492 00
3.3500005 02	6.9828822-02	5.2205130 00	5.2903418 00
3.3800005 02	8.0820603-02	5.1845581 00	5.2653786 00
3.4000005 02	9.0471755-02	5.1602858 00	5.2507575 00
3.4300005 02	1.1028035-01	5.1254671 00	5.2357474 00
3.4500005 02	1.2891554-01	5.1060056 00	5.2349211 00
3.4700005 02	1.5457639-01	5.0942474 00	5.2488238 00
3.5000005 02	2.1806430-01	5.1174780 00	5.3355423 00
3.5200005 02	3.0213513-01	5.2329110 00	5.5350461 00
3.5400005 02	4.8892902-01	5.6580097 00	6.1469386 00
3.5500005 02	6.7563884-01	6.1815148 00	6.8571536 00
3.5700005 02	1.4898038 00	8.7956914 00	1.0285495 01
3.5800005 02	2.2872187 00	1.1539704 01	1.3826923 01
3.5900005 02	3.4873639 00	1.5808127 01	1.9295491 01
3.6000005 02	5.1834416 00	2.1996198 01	2.7179639 01
3.6100005 02	7.4182808 00	3.0324922 01	3.7743203 01
3.6200005 02	1.0135045 01	4.0650900 01	5.0785945 01
3.6300005 02	1.3135861 01	5.2287429 01	6.5423289 01
3.6350005 02	1.4650958 01	5.8262626 01	7.2913583 01
3.6400005 02	1.6111184 01	6.4100758 01	8.0211942 01
3.6450005 02	1.7459578 01	6.9583591 01	8.7043167 01
3.6500005 02	1.8641337 01	7.4496357 01	9.3137695 01
3.6550005 02	1.9610603 01	7.8655009 01	9.8265612 01
3.6580005 02	2.0079849 01	8.0745495 01	1.0082534 02
3.6600005 02	2.0329747 01	8.1905124 01	1.0223487 02
3.6620005 02	2.0544022 01	8.2936792 01	1.0348081 02
3.6650005 02	2.0766321 01	8.4110165 01	1.0487649 02
3.6680005 02	2.0874801 01	8.4857445 01	1.0573224 02
3.6700005 02			
3.6720004 02	2.0852096 01	8.5217308 01	1.0606941 02

TABLE VII (Continued)

T = 2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
3.6750005 02	2.0710046 01	8.5007953 01	1.0571800 02
3.6770004 02	2.0547888 01	8.4605313 01	1.0515320 02
3.6800005 02	2.0221049 01	8.3679041 01	1.0390009 02
3.6820005 02	1.9951837 01	8.2856588 01	1.0280843 02
3.6850005 02	1.9456394 01	8.1264005 01	1.0072039 02
3.6900005 02	1.8451231 01	7.7884612 01	9.6335842 01
3.6950005 02	1.7245353 01	7.3682428 01	9.0927780 01
3.7000005 02	1.5885331 01	6.8826858 01	8.4712189 01
3.7050005 02	1.4424903 01	6.3517904 01	7.7942806 01
3.7100005 02	1.2919261 01	5.7965485 01	7.0884746 01
3.7200005 02	9.9605652 00	4.6863898 01	5.6824463 01
3.7300005 02	7.3020576 00	3.6687943 01	4.3990000 01
3.7400005 02	5.1196427 00	2.8174377 01	3.3294020 01
3.7500005 02	3.4640626 00	2.1586674 01	2.5050737 01
3.7600005 02	2.2879561 00	1.6799824 01	1.9087781 01
3.7800005 02	9.9737136-01	1.1322921 01	1.2320292 01
3.8000005 02	4.9653547-01	8.9950026 00	9.4915381 00
3.8200005 02	3.0647017-01	7.9726007 00	8.2790707 00
3.8500005 02	1.9786286-01	7.2471904 00	7.4450533 00
3.9000005 02	1.3971903-01	6.6472640 00	6.7869830 00
3.9500005 02	3.1984679-01	6.3018512 00	6.6216979 00
3.9700005 02	7.5597787-01	6.2483136 00	7.0042915 00
3.9900005 02	1.7306088 00	6.3124434 00	8.0430521 00
4.0000005 02	2.4871601 00	6.4144142 00	8.9015743 00
4.0100005 02	3.3478283 00	6.5437361 00	9.8915644 00
4.0200005 02	4.3476329 00	6.7323633 00	1.1079997 01
4.0250005 02	4.7872124 00	6.8150459 00	1.1602258 01
4.0300005 02	5.2367066 00	6.9061301 00	1.2142837 01
4.0330005 02	5.5637887 00	6.9848048 00	1.2548593 01
4.0350005 02	5.7097281 00	7.0158264 00	1.2725555 01
4.0380005 02	5.9345590 00	7.0754981 00	1.3010057 01
4.0400005 02	6.0976886 00	7.1159387 00	1.3213627 01
4.0430005 02	6.2135320 00	7.1430329 00	1.3356565 01
4.0450005 02	6.3445332 00	7.1821350 00	1.3526668 01
4.0480005 02	6.4756537 00	7.2158777 00	1.3691532 01
4.0500005 02	6.5407519 00	7.2390809 00	1.3779833 01
4.0520005 02	6.6079116 00	7.2656896 00	1.3873601 01
4.0550005 02	6.7206549 00	7.3055543 00	1.4026209 01
4.0580005 02	6.7905628 00	7.3462262 00	1.4136789 01
4.0600005 02	6.8071846 00	7.3599196 00	1.4167104 01
4.0620005 02	6.7826646 00	7.3634088 00	1.4146074 01
4.0650005 02	6.7048279 00	7.3685078 00	1.4073336 01
4.0680005 02	6.5803798 00	7.3504633 00	1.3930843 01
4.0700005 02	6.5078524 00	7.3492784 00	1.3857131 01
4.0720005 02	6.4385476 00	7.3504065 00	1.3788954 01
4.0750005 02	6.2936518 00	7.3320183 00	1.3625670 01
4.0770004 02	6.1591980 00	7.3140898 00	1.3473288 01
4.0800005 02	6.0340295 00	7.3101937 00	1.3344223 01
4.0850005 02	5.6504794 00	7.2560578 00	1.2906537 01
4.0900005 02	5.1722911 00	7.1699655 00	1.2342257 01
4.0950005 02	4.7060956 00	7.0819575 00	1.1788053 01
4.1000005 02	4.2609945 00	7.0004300 00	1.1261425 01
4.1100005 02	3.3061717 00	6.8067681 00	1.0112939 01
4.1300005 02	1.7158710 00	6.4284120 00	8.1442830 00
4.1500005 02	7.4619879-01	6.1426823 00	6.8888811 00
4.1600005 02	4.7209485-01	6.0407410 00	6.5128357 00
4.1700005 02	3.0264099-01	5.9614042 00	6.2640451 00
4.1800005 02	2.0252922-01	5.8988620 00	6.1013912 00
4.2000005 02	1.1581628-01	5.8028970 00	5.9187132 00
4.2200005 02	9.6414690-02	5.7261523 00	5.8225669 00
4.2400005 02	1.0459955-01	5.6560742 00	5.7606737 00
4.2500005 02	1.2060118-01	5.6230744 00	5.7436756 00
4.2700005 02	2.1059782-01	5.5708087 00	5.7814065 00

TABLE VII (Continued)

T = 2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.2800005 02	3.1478294-01	5.5619732 00	5.8767561 00
4.2900005 02	4.9203837-01	5.5774828 00	6.0695211 00
4.3000005 02	7.7859881-01	5.6323702 00	6.4109690 00
4.3200005 02	1.8436543 00	5.9357477 00	7.7794020 00
4.3400005 02	3.7448689 00	6.6060204 00	1.0350889 01
4.3500005 02	4.9709040 00	7.0831020 00	1.2054006 01
4.3600005 02	6.2734757 00	7.6216710 00	1.3895147 01
4.3700005 02	7.5184350 00	8.1721102 00	1.5690545 01
4.3750005 02	8.0720330 00	8.4323883 00	1.6504422 01
4.3800005 02	8.5550502 00	8.6722087 00	1.7227259 01
4.3830005 02	8.8005122 00	8.8016075 00	1.7602120 01
4.3850005 02	8.9470205 00	8.8822231 00	1.7829244 01
4.3880005 02	9.1330295 00	8.9908731 00	1.8123903 01
4.3900005 02	9.2341471 00	9.0552085 00	1.8289356 01
4.3920005 02	9.3193184 00	9.1136560 00	1.8432975 01
4.3940005 02	9.3842882 00	9.1642522 00	1.8548540 01
4.3950005 02	9.4085376 00	9.1864212 00	1.8594959 01
4.3980005 02	9.4544984 00	9.2427510 00	1.8697250 01
4.4000005 02	9.4617427 00	9.2708295 00	1.8732572 01
4.4020005 02	9.4465694 00	9.2898712 00	1.8736440 01
4.4050005 02	9.3893936 00	9.3045378 00	1.8693931 01
4.4060005 02	9.3612837 00	9.3055400 00	1.8666824 01
4.4080005 02	9.2887975 00	9.3006188 00	1.8589417 01
4.4100005 02	9.1967781 00	9.2875188 00	1.8484297 01
4.4120004 02	9.0891956 00	9.2675260 00	1.8356722 01
4.4150005 02	8.8936708 00	9.2220597 00	1.8115730 01
4.4170005 02	8.7420554 00	9.1822887 00	1.7924344 01
4.4200005 02	8.4896834 00	9.1105464 00	1.7600230 01
4.4250005 02	7.9985471 00	8.9569514 00	1.6955498 01
4.4300005 02	7.4401932 00	8.7681625 00	1.6208356 01
4.4350005 02	6.8348884 00	8.5518577 00	1.5386746 01
4.4400005 02	6.2002119 00	8.3149246 00	1.4515137 01
4.4450005 02	5.5539811 00	8.0644712 00	1.3618453 01
4.4500005 02	4.9147417 00	7.8082778 00	1.2723019 01
4.4600005 02	3.7154333 00	7.3052672 00	1.1020700 01
4.4800005 02	1.8642082 00	6.4560620 00	8.3202702 00
4.5000005 02	8.2834477-01	5.9003474 00	6.7286921 00
4.5500005 02	2.0083473-01	5.3331439 00	5.5339786 00
4.6000005 02	2.3756051-01	5.0830093 00	5.3205697 00
4.6300005 02	3.5673403-01	5.0386099 00	5.3953439 00
4.6500005 02	5.6607560-01	5.2691824 00	5.8352580 00
4.6600005 02	7.7219774-01	5.6238342 00	6.3960319 00
4.6800005 02	1.6377279 00	7.4975446 00	9.1352724 00
4.7000005 02	3.6999958 00	1.2619765 01	1.6319760 01
4.7100005 02	5.4659790 00	1.7253718 01	2.2719697 01
4.7200005 02	7.8622081 00	2.3720663 01	3.1582871 01
4.7300005 02	1.0932427 01	3.2204622 01	4.3137049 01
4.7500005 02	1.8764781 01	5.4566694 01	7.3331476 01
4.7550005 02	2.0910449 01	6.0859348 01	8.1769798 01
4.7600005 02	2.3042984 01	6.7193082 01	9.0236065 01
4.7650005 02	2.5107805 01	7.3414313 01	9.8522119 01
4.7700005 02	2.7047218 01	7.9357650 01	1.0640487 02
4.7750005 02	2.8803379 01	8.4854325 01	1.1365770 02
4.7800005 02	3.0320940 01	8.9739533 01	1.2006047 02
4.7830005 02	3.1095969 01	9.2313304 01	1.2340928 02
4.7850005 02	3.1550000 01	9.3860947 01	1.2541095 02
4.7880005 02	3.2131300 01	9.5911763 01	1.2804306 02
4.7900005 02	3.2449004 01	9.7087548 01	1.2953655 02
4.7950005 02	3.2986911 01	9.9316087 01	1.3230300 02
4.8000005 02	3.3145147 01	1.0047736 02	1.3362252 02
4.8050005 02	3.2918586 01	1.0053996 02	1.3345854 02
4.8100005 02	3.2315913 01	9.9511818 01	1.3182773 02
4.8130005 02	3.1782215 01	9.8388774 01	1.3017099 02

TABLE VII (Continued)

T = 2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.8150005 02	3.1358967 01	9.7439331 01	1.2879830 02
4.8200005 02	3.0081542 01	9.4404654 01	1.2448620 02
4.8250005 02	2.8527261 01	9.0520122 01	1.1904739 02
4.8300005 02	2.6747064 01	8.5921749 01	1.1266882 02
4.8350005 02	2.4796688 01	8.0762173 01	1.0555886 02
4.8400005 02	2.2733310 01	7.5201180 01	9.7934489 01
4.8500005 02	1.8489559 01	6.3509447 01	8.1999007 01
4.8600005 02	1.4412687 01	5.2005980 01	6.6418667 01
4.8700005 02	1.0791719 01	4.1571715 01	5.2363434 01
4.8800005 02	7.7872881 00	3.2734389 01	4.0521677 01
4.9000005 02	3.7083566 00	2.0338837 01	2.4047193 01
4.9200005 02	1.6722239 00	1.3757573 01	1.5429797 01
4.9500005 02	6.3539642-01	9.8269716 00	1.0462368 01
4.9800005 02	6.1672027-01	8.5756239 00	9.1923441 00
5.0000005 02	1.0614640 00	8.2958498 00	9.3573138 00
5.0200005 02	2.0540522 00	8.3744216 00	1.0428474 01
5.0500005 02	4.6632064 00	9.1814766 00	1.3844683 01
5.0600005 02	5.6759045 00	9.5803756 00	1.5256280 01
5.0700005 02	6.6178949 00	9.9856467 00	1.6603542 01
5.0750005 02	7.0292522 00	1.0175538 01	1.7204790 01
5.0800005 02	7.3836215 00	1.0348534 01	1.7732155 01
5.0850005 02	7.6697672 00	1.0498751 01	1.8168518 01
5.0880005 02	7.8021238 00	1.0574539 01	1.8376664 01
5.0900005 02	7.8781824 00	1.0620831 01	1.8499013 01
5.0930005 02	7.9602071 00	1.0677530 01	1.8637737 01
5.0950005 02	8.0017943 00	1.0710298 01	1.8712092 01
5.0970005 02	8.0239978 00	1.0734997 01	1.8758995 01
5.1000005 02	8.0364393 00	1.0763813 01	1.8800253 01
5.1030005 02	8.0115371 00	1.0776847 01	1.8788384 01
5.1050005 02	7.9808402 00	1.0779235 01	1.8760076 01
5.1100005 02	7.8370169 00	1.0755861 01	1.8592878 01
5.1150005 02	7.6097977 00	1.0694284 01	1.8304082 01
5.1200004 02	7.3068870 00	1.0596501 01	1.7903388 01
5.1250004 02	6.9381773 00	1.0465628 01	1.7403806 01
5.1300005 02	6.5152858 00	1.0305793 01	1.6821078 01
5.1400005 02	5.5584880 00	9.9191674 00	1.5477656 01
5.1500005 02	4.5405719 00	9.4796785 00	1.4020250 01
5.1600004 02	3.5549308 00	9.0296045 00	1.2584535 01
5.1700005 02	2.6714334 00	8.6038598 00	1.1275293 01
5.1800005 02	1.9310260 00	8.2262497 00	1.0157276 01
5.1900004 02	1.3472249 00	7.9087944 00	9.2560193 00
5.2000004 02	9.1216511-01	7.6533580 00	8.5655231 00
5.2200005 02	3.9750167-01	7.3032318 00	7.7007334 00
5.2500005 02	1.3150078-01	7.0335541 00	7.1650549 00
5.2700004 02	8.4699496-02	6.9329316 00	7.0176311 00
5.3000004 02	6.3002583-02	6.8252243 00	6.8882268 00
5.3200005 02	5.7064806-02	6.7667617 00	6.8238265 00
5.3500005 02	5.1844128-02	6.6901193 00	6.7419634 00
5.4000005 02	4.7263023-02	6.5800062 00	6.6272692 00
5.4500004 02	4.6455319-02	6.4816522 00	6.5281075 00
5.4800005 02	4.8049088-02	6.4244467 00	6.4724958 00
5.5000005 02	5.1211046-02	6.3860694 00	6.4372804 00
5.5300004 02	6.6003731-02	6.3283127 00	6.3943164 00
5.5500005 02	9.9210486-02	6.2946038 00	6.3938142 00
5.5700005 02	1.8738385-01	6.2789545 00	6.4663383 00
5.5900005 02	3.9464134-01	6.3111680 00	6.7058093 00
5.6000004 02	5.7034953-01	6.3598712 00	6.9302208 00
5.6100005 02	8.0810586-01	6.4391447 00	7.2472506 00
5.6200005 02	1.1153764 00	6.5562842 00	7.6716606 00
5.6300005 02	1.4919378 00	6.7165567 00	8.2084945 00
5.6400004 02	1.9305866 00	6.9248024 00	8.8553890 00
5.6500005 02	2.4121376 00	7.1828634 00	9.5950010 00
5.6600005 02	2.9125012 00	7.4946823 00	1.0407184 01



TABLE VII (Continued)

T = 2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
5.6700004 02	3.3978020 00	7.8631956 00	1.1260998 01
5.6750004 02	3.6265490 00	8.0722768 00	1.1698826 01
5.6800005 02	3.8423203 00	8.3002201 00	1.2142540 01
5.6850005 02	4.0395748 00	8.5479546 00	1.2587529 01
5.6900005 02	4.2174647 00	8.8189123 00	1.3036377 01
5.6950005 02	4.3780110 00	9.1173736 00	1.3495385 01
5.6970004 02	4.4366047 00	9.2446053 00	1.3681210 01
5.7000005 02	4.5194133 00	9.4455588 00	1.3964972 01
5.7030005 02	4.5937765 00	9.6576837 00	1.4251461 01
5.7050004 02	4.6399875 00	9.8058683 00	1.4445856 01
5.7070005 02	4.6844203 00	9.9607666 00	1.4645186 01
5.7100004 02	4.7443285 00	1.0203005 01	1.4947334 01
5.7150004 02	4.8364373 00	1.0639989 01	1.5476426 01
5.7200005 02	4.9157484 00	1.1116966 01	1.6032714 01
5.7250005 02	4.9850733 00	1.1634665 01	1.6619738 01
5.7300005 02	5.0506355 00	1.2193568 01	1.7244203 01
5.7350005 02	5.1199873 00	1.2790116 01	1.7904103 01
5.7400005 02	5.1746018 00	1.3418489 01	1.8593090 01
5.7450004 02	5.2359254 00	1.4072906 01	1.9308831 01
5.7500004 02	5.2994001 00	1.4744453 01	2.0043853 01
5.7550005 02	5.3618276 00	1.5420555 01	2.0782382 01
5.7600005 02	5.4214935 00	1.6088262 01	2.1509756 01
5.7650005 02	5.4774841 00	1.6733633 01	2.2211117 01
5.7700005 02	5.5251757 00	1.7340643 01	2.2865819 01
5.7750005 02	5.5595549 00	1.7893415 01	2.3452969 01
5.7800004 02	5.5777611 00	1.8377760 01	2.3955521 01
5.7850004 02	5.5754705 00	1.8779535 01	2.4355005 01
5.7900005 02	5.5477291 00	1.9086177 01	2.4633906 01
5.7950005 02	5.4916892 00	1.9288118 01	2.4779807 01
5.7970003 02	5.4610400 00	1.9337880 01	2.4798920 01
5.8000005 02	5.4051211 00	1.9378393 01	2.4783513 01
5.8030005 02	5.3373771 00	1.9377111 01	2.4714487 01
5.8050005 02	5.2859498 00	1.9353193 01	2.4639142 01
5.8100005 02	5.1340226 00	1.9212681 01	2.4346703 01
5.8150004 02	4.9507321 00	1.8960744 01	2.3911476 01
5.8200004 02	4.7379781 00	1.8604165 01	2.3342143 01
5.8250004 02	4.4988390 00	1.8152535 01	2.2651375 01
5.8300005 02	4.2375213 00	1.7617918 01	2.1855439 01
5.8350005 02	3.9585414 00	1.7013946 01	2.0972487 01
5.8400005 02	3.6669766 00	1.6355761 01	2.0022737 01
5.8500005 02	3.0679849 00	1.4940352 01	1.8008336 01
5.8600004 02	2.4819437 00	1.3494038 01	1.5975981 01
5.8700005 02	1.9428487 00	1.2119484 01	1.4062332 01
5.8800005 02	1.4737288 00	1.0890291 01	1.2364019 01
5.8900004 02	1.0861740 00	9.8487495 00	1.0934923 01
5.9000005 02	7.8095166-01	9.0069375 00	9.7878892 00
5.9200005 02	3.8428066-01	7.8654937 00	8.2497743 00
5.9500005 02	1.3801081-01	7.0796660 00	7.2176768 00
5.9700004 02	8.2726445-02	6.8637398 00	6.9464662 00
6.0000004 02	5.2517135-02	6.7055721 00	6.7580892 00
6.0500005 02	3.6722472-02	6.5746318 00	6.6113542 00
6.1000005 02	2.9944080-02	6.4934132 00	6.5233572 00
6.1500004 02	2.6087732-02	6.4333591 00	6.4594469 00
6.2000005 02	2.3685406-02	6.3851218 00	6.4088072 00
6.3000004 02	2.1137659-02	6.3078163 00	6.3289538 00
6.4000005 02	2.0339703-02	6.2428523 00	6.2631920 00
6.5000005 02	2.0976476-02	6.1809762 00	6.2019526 00
6.6000005 02	2.3712778-02	6.1143002 00	6.1380129 00
6.6500005 02	2.6587753-02	6.0759546 00	6.1025423 00
6.7000004 02	3.1548814-02	6.0316726 00	6.0632214 00
6.7500005 02	4.1071180-02	5.9789810 00	6.0200522 00
6.7800004 02	5.3450691-02	5.9473956 00	6.0008463 00
6.8000005 02	7.0353083-02	5.9372534 00	6.0076064 00

TABLE VII (Continued)

T = 2 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
6.8300005 02	1.3877495-01	6.0107658 00	6.1495407 00
6.8500004 02	2.6006006-01	6.2430038 00	6.5030638 00
6.8800005 02	7.2356230-01	7.3413307 00	8.0648929 00
6.9000005 02	1.3581138 00	8.9917811 00	1.0349895 01
6.9100005 02	1.8011508 00	1.0188961 01	1.1990111 01
6.9200004 02	2.3280398 00	1.1645437 01	1.3973476 01
6.9300005 02	2.9270120 00	1.3337271 01	1.6264283 01
6.9400005 02	3.5749022 00	1.5207629 01	1.8782531 01
6.9500005 02	4.2374827 00	1.7166293 01	2.1403775 01
6.9600004 02	4.8716631 00	1.9094450 01	2.3966114 01
6.9700005 02	5.4298398 00	2.0855918 01	2.6285758 01
6.9750005 02	5.6657219 00	2.1630669 01	2.7296391 01
6.9800005 02	5.8656486 00	2.2312880 01	2.8178528 01
6.9850005 02	6.0251280 00	2.2888286 01	2.8913414 01
6.9900005 02	6.1404407 00	2.3344550 01	2.9484991 01
6.9950004 02	6.2089014 00	2.3672064 01	2.9880965 01
7.0000004 02	6.2289028 00	2.3864168 01	3.0093071 01
7.0050005 02	6.2000217 00	2.3917486 01	3.0117508 01
7.0100005 02	6.1229931 00	2.3831940 01	2.9954933 01
7.0150005 02	5.9997124 00	2.3610836 01	2.9610548 01
7.0200005 02	5.8331475 00	2.3260636 01	2.9093784 01
7.0300004 02	5.3865567 00	2.2212764 01	2.7599320 01
7.0400005 02	4.8229521 00	2.0790308 01	2.5613261 01
7.0500005 02	4.1887057 00	1.9119001 01	2.3307706 01
7.0600005 02	3.5306108 00	1.7330777 01	2.0861388 01
7.0700004 02	2.8903176 00	1.5547394 01	1.8437711 01
7.0800005 02	2.3004161 00	1.3868167 01	1.6168583 01
7.0900005 02	1.7825228 00	1.2363116 01	1.4145639 01
7.1000005 02	1.3473288 00	1.1071730 01	1.2419059 01
7.1100004 02	9.9603052-01	1.0005930 01	1.1001961 01
7.1300005 02	5.1757773-01	8.4997398 00	9.0173174 00
7.1500005 02	2.6234194-01	7.6402144 00	7.9025563 00
7.1700005 02	1.3961061-01	7.1829468 00	7.3225573 00
7.2000005 02	6.9030235-02	6.8639607 00	6.9329909 00
7.2200004 02	5.1371372-02	6.7554123 00	6.8067837 00
7.2500004 02	3.8385187-02	6.6438684 00	6.6822535 00
7.2700005 02	3.3408558-02	6.5771634 00	6.6105719 00
7.3000005 02	2.7854046-02	6.4539122 00	6.4817662 00

TABLE VIII  
Mo CROSS SECTIONS  
Mo Temperature = 5 ev

Neutron Energy, $E_n$ (ev)	Radiative Capture Cross Section, $\sigma_\gamma$ (barns)	Scattering Cross Section, $\sigma_S$ (barns)	Total Cross Section, $\sigma_T$ (barns)
2.5300005-02	2.7385442 00	9.6836749 00	1.2422219 01
4.0000008-02	2.1784860 00	8.3537284 00	1.0532214 01
5.0000009-02	1.9488158 00	7.8443058 00	9.7931215 00
7.0000008-02	1.6475881 00	7.2213573 00	8.8689453 00
1.0000005-01	1.3791458 00	6.7227141 00	8.1018598 00
2.0000005-01	9.7679858-01	6.1094776 00	7.0862762 00
5.0000005-01	6.2084543-01	5.7318846 00	6.3527299 00
1.0000005 00	4.4270717-01	5.6040930 00	6.0468001 00
2.0000005 00	3.1854199-01	5.5368299 00	5.8553718 00
5.0000005 00	2.1343630-01	5.4848260 00	5.6982623 00
1.0000005 01	1.6995329-01	5.4445678 00	5.6145210 00
1.5000005 01	1.6246163-01	5.4063663 00	5.5688279 00
2.0000005 01	1.7457650-01	5.3613645 00	5.5359409 00
2.5000005 01	2.1228383-01	5.3045738 00	5.5168575 00
3.0000005 01	3.0803404-01	5.2325139 00	5.5405479 00
3.2000005 01	3.8626046-01	5.2017775 00	5.5880379 00
3.4000005 01	5.2023548-01	5.1785322 00	5.6987676 00
3.5000005 01	6.2835151-01	5.1775219 00	5.8058734 00
3.6000005 01	7.9962211-01	5.2035408 00	6.0031629 00
3.7000005 01	1.1440918 00	5.3343061 00	6.4783979 00
3.8000005 01	2.0330844 00	5.8533138 00	7.8863982 00
3.9000005 01	4.6184006 00	7.6836758 00	1.2302077 01
4.0000005 01	1.1502947 01	1.2973071 01	2.4476017 01
4.1000005 01	2.6538318 01	2.4998399 01	5.1536716 01
4.1500005 01	3.8031433 01	3.4369259 01	7.2400692 01
4.2000005 01	5.2044604 01	4.5927060 01	9.7971663 01
4.2500005 01	6.7831734 01	5.9097030 01	1.2692877 02
4.2800005 01	7.7632953 01	6.7354066 01	1.4498702 02
4.3000005 01	8.4088435 01	7.2830596 01	1.5691903 02
4.3200005 01	9.0345610 01	7.8172827 01	1.6851844 02
4.3500005 01	9.9096351 01	8.5714794 01	1.8481114 02
4.3700005 01	1.0433366 02	9.0282786 01	1.9461644 02
4.3900005 01	1.0896279 02	9.4371575 01	2.0333436 02
4.4000005 01	1.1101737 02	9.6208748 01	2.0722611 02
4.4100005 01	1.1288320 02	9.7894458 01	2.1077766 02
4.4300005 01	1.1600861 02	1.0077621 02	2.1678482 02
4.4500005 01	1.1827044 02	1.0295561 02	2.2122605 02
4.4700005 01	1.1962012 02	1.0438763 02	2.2400774 02
4.5000005 01	1.1988244 02	1.0508040 02	2.2496284 02
4.5300005 01	1.1804363 02	1.0402291 02	2.2206653 02
4.5500005 01	1.1570415 02	1.0238198 02	2.1808613 02
4.5700004 01	1.1254099 02	1.0004285 02	2.1258384 02
4.5900005 01	1.0863153 02	9.7065836 01	2.0569736 02
4.6000005 01	1.0642513 02	9.5360445 01	2.0178558 02
4.6100004 01	1.0406731 02	9.3523554 01	1.9759086 02
4.6300005 01	9.8950325 01	8.9497988 01	1.8844831 02
4.6500005 01	9.3389714 01	8.5077726 01	1.7846744 02
4.6700005 01	8.7497376 01	8.0354484 01	1.6785186 02
4.7000005 01	7.8280328 01	7.2902552 01	1.5118288 02
4.7200004 01	7.2038147 01	6.7818876 01	1.3985702 02
4.7500005 01	6.2770172 01	6.0222865 01	1.2299304 02
4.7700005 01	5.6777478 01	5.5282467 01	1.1205995 02
4.8000005 01	4.8239521 01	4.8205375 01	9.6444896 01
4.8200005 01	4.2925632 01	4.3777305 01	8.6702937 01
4.8500005 01	3.5614580 01	3.7653404 01	7.3267985 01
4.9000005 01	2.5339053 01	2.8974144 01	5.4313197 01
4.9500005 01	1.7448427 01	2.2232812 01	3.9681238 01
5.0000005 01	1.1698519 01	1.7255161 01	2.8953681 01
5.1000005 01	5.0351683 00	1.1344139 01	1.6379307 01
5.2000004 01	2.2409566 00	8.7286616 00	1.0969618 01
5.3000005 01	1.1655629 00	7.6210059 00	8.7865688 00
5.4000005 01	7.4184897-01	7.1125153 00	7.8543643 00
5.5000005 01	5.4574513-01	6.8309877 00	7.3767327 00

TABLE VIII (Continued)

T = 5 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
5.7000005 01	3.6593846-01	6.5102647 00	6.8762032 00
6.0000005 01	2.5148830-01	6.2407466 00	6.4922349 00
6.2000005 01	2.2893703-01	6.1215210 00	6.3504580 00
6.4000005 01	3.2040015-01	6.0283900 00	6.3487901 00
6.5000005 01	5.1036828-01	5.9925822 00	6.5029504 00
6.6000005 01	9.1611062-01	5.9696475 00	6.8857581 00
6.7000005 01	1.6451253 00	5.9673886 00	7.6125139 00
6.8000005 01	2.7413360 00	5.9929789 00	8.7343148 00
6.8500005 01	3.4005475 00	6.0167893 00	9.4173367 00
6.9000005 01	4.0950853 00	6.0468512 00	1.0141936 01
6.9300005 01	4.5111081 00	6.0671467 00	1.0578255 01
6.9500005 01	4.7816521 00	6.0812989 00	1.0862951 01
6.9700005 01	5.0428936 00	6.0957417 00	1.1138636 01
6.9900004 01	5.2914791 00	6.1102791 00	1.1401758 01
7.0000005 01	5.4099972 00	6.1175204 00	1.1527518 01
7.0200005 01	5.6334328 00	6.1318160 00	1.1765249 01
7.0400005 01	5.8361967 00	6.1456868 00	1.1981883 01
7.0500005 01	5.9288985 00	6.1523964 00	1.2081295 01
7.0700004 01	6.0953364 00	6.1652379 00	1.2260575 01
7.0800005 01	6.1684449 00	6.1713177 00	1.2339762 01
7.1000005 01	6.2931411 00	6.1826767 00	1.2475818 01
7.1200005 01	6.3876635 00	6.1928183 00	1.2580482 01
7.1500005 01	6.4700301 00	6.2053940 00	1.2675424 01
7.1800005 01	6.4790803 00	6.2144081 00	1.2693488 01
7.2000005 01	6.4442974 00	6.2182700 00	1.2662568 01
7.2300005 01	6.3325726 00	6.2206869 00	1.2553259 01
7.2500005 01	6.2202223 00	6.2200112 00	1.2440233 01
7.2700005 01	6.0796155 00	6.2175134 00	1.2297129 01
7.2800005 01	5.9993792 00	6.2155925 00	1.2214972 01
7.2900004 01	5.9129408 00	6.2132330 00	1.2126174 01
7.3000005 01	5.8206114 00	6.2104451 00	1.2031056 01
7.3100003 01	5.7227186 00	6.2072372 00	1.1929956 01
7.3200005 01	5.6196377 00	6.2036229 00	1.1823260 01
7.3300005 01	5.5117377 00	6.1996153 00	1.1711353 01
7.3500005 01	5.2829610 00	6.1904789 00	1.1473440 01
7.3700005 01	5.0395047 00	6.1799572 00	1.1219462 01
7.4000005 01	4.6537182 00	6.1618963 00	1.0815615 01
7.4200005 01	4.3873704 00	6.1485652 00	1.0535936 01
7.4500005 01	3.9816747 00	6.1270421 00	1.0108717 01
7.4700004 01	3.7112304 00	6.1119174 00	9.8231477 00
7.5000005 01	3.3120220 00	6.0884713 00	9.4004932 00
7.5500005 01	2.6817932 00	6.0486192 00	8.7304122 00
7.6000005 01	2.1172855 00	6.0095526 00	8.1268381 00
7.7000004 01	1.2353831 00	5.9394174 00	7.1748005 00
7.8000005 01	6.7786213-01	5.8840569 00	6.5619190 00
8.0000005 01	2.1630406-01	5.8125521 00	6.0288561 00
8.2000005 01	1.1547512-01	5.7699008 00	5.8853759 00
8.4000005 01	9.3676378-02	5.7378646 00	5.8315409 00
9.0000005 01	8.0229750-02	5.6597564 00	5.7399861 00
9.2000005 01	7.9546374-02	5.6358163 00	5.7153627 00
9.5000005 01	8.0471551-02	5.6000696 00	5.6805411 00
9.8000005 01	8.3575648-02	5.5633989 00	5.6469746 00
1.0000005 02	8.6951310-02	5.5378332 00	5.6247845 00
1.0500005 02	1.0141105-01	5.4670253 00	5.5684364 00
1.1000005 02	1.3040189-01	5.3794915 00	5.5098933 00
1.1500005 02	1.9491912-01	5.2619011 00	5.4568202 00
1.2000005 02	4.9300875-01	5.1706580 00	5.6636668 00
1.2200005 02	1.2121681 00	5.4809608 00	6.6931288 00
1.2300005 02	2.1105857 00	6.0051612 00	8.1157469 00
1.2400005 02	3.7254802 00	7.0459202 00	1.0771400 01
1.2500005 02	6.4386830 00	8.9026589 00	1.5341342 01
1.2600005 02	1.0656070 01	1.1906956 01	2.2563027 01
1.2700005 02	1.6673448 01	1.6323308 01	3.2996756 01

TABLE VIII (Continued)

T = 5 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
1.2800005 02	2.4493263 01	2.2206904 01	4.6700167 01
1.2900005 02	3.3656645 01	2.9265192 01	6.2921837 01
1.2950005 02	3.8458880 01	3.3025952 01	7.1484832 01
1.3000005 02	4.3184351 01	3.6795530 01	7.9979881 01
1.3050005 02	4.7625150 01	4.0383079 01	8.8008229 01
1.3080005 02	5.0150070 01	4.2468439 01	9.2618509 01
1.3100005 02	5.1700096 01	4.3760195 01	9.5460291 01
1.3130005 02	5.3740649 01	4.5484498 01	9.9225146 01
1.3150005 02	5.5004252 01	4.6574921 01	1.0157917 02
1.3180005 02	5.6792967 01	4.8148558 01	1.0494152 02
1.3200005 02	5.7740014 01	4.9010432 01	1.0675045 02
1.3250005 02	5.9268538 01	5.0535991 01	1.0980453 02
1.3300005 02	6.0158246 01	5.1597918 01	1.1175617 02
1.3350005 02	5.9632680 01	5.1577649 01	1.1121033 02
1.3380005 02	5.9140172 01	5.1421500 01	1.1056167 02
1.3400005 02	5.8483367 01	5.1064592 01	1.0954796 02
1.3420005 02	5.7675225 01	5.0588367 01	1.0826359 02
1.3450005 02	5.6084963 01	4.9586136 01	1.0567110 02
1.3470005 02	5.4959179 01	4.8855813 01	1.0381499 02
1.3500005 02	5.3084457 01	4.7595717 01	1.0068018 02
1.3520005 02	5.1645083 01	4.6609402 01	9.8254485 01
1.3550005 02	4.9350096 01	4.5022566 01	9.4372662 01
1.3570005 02	4.7722407 01	4.3873220 01	9.1595628 01
1.3600005 02	4.5058928 01	4.1957522 01	8.7016450 01
1.3650005 02	4.0639469 01	3.8757131 01	7.9396600 01
1.3700005 02	3.5859629 01	3.5224912 01	7.1084542 01
1.3750005 02	3.1330559 01	3.1834227 01	6.3164786 01
1.3800005 02	2.6828753 01	2.8427676 01	5.5256428 01
1.3900005 02	1.8894908 01	2.2313204 01	4.1208113 01
1.4000005 02	1.2541463 01	1.7306781 01	2.9848244 01
1.4100005 02	7.8902847 00	1.3554584 01	2.1444869 01
1.4200005 02	4.7635600 00	1.0958103 01	1.5721663 01
1.4300005 02	2.7996847 00	9.2636565 00	1.2063341 01
1.4400005 02	1.6303656 00	8.2015772 00	9.8319427 00
1.4500005 02	9.7117433-01	7.5568566 00	8.5280309 00
1.4600005 02	6.1504159-01	7.1681778 00	7.7832193 00
1.4800005 02	3.2464712-01	6.7657304 00	7.0903775 00
1.5000005 02	2.5517544-01	6.5636588 00	6.8188341 00
1.5400005 02	5.5071730-01	6.3456335 00	6.8963508 00
1.5500005 02	7.6287343-01	6.3145037 00	7.0773771 00
1.5700005 02	1.3753908 00	6.2805397 00	7.6559305 00
1.5800005 02	1.7374756 00	6.2769732 00	8.0144486 00
1.5850005 02	1.9197686 00	6.2779659 00	8.1977344 00
1.5900005 02	2.0877456 00	6.2801897 00	8.3679352 00
1.5920005 02	2.1545397 00	6.2815206 00	8.4360603 00
1.5950005 02	2.2455462 00	6.2833783 00	8.5289245 00
1.5970005 02	2.2997300 00	6.2847123 00	8.5844423 00
1.6000005 02	2.3791417 00	6.2871773 00	8.6663190 00
1.6020005 02	2.4283791 00	6.2887509 00	8.7171299 00
1.6050005 02	2.4874890 00	6.2906839 00	8.7781728 00
1.6070005 02	2.5207539 00	6.2920613 00	8.8128152 00
1.6100005 02	2.5672727 00	6.2941829 00	8.8614556 00
1.6130005 02	2.5973466 00	6.2954973 00	8.8928438 00
1.6150005 02	2.6077816 00	6.2961656 00	8.9039472 00
1.6200005 02	2.6205507 00	6.2974193 00	8.9179700 00
1.6250005 02	2.5883577 00	6.2965385 00	8.8848962 00
1.6300005 02	2.5289133 00	6.2939728 00	8.8228861 00
1.6350005 02	2.4336712 00	6.2894920 00	8.7231631 00
1.6400005 02	2.3090576 00	6.2825457 00	8.5916032 00
1.6450005 02	2.1666630 00	6.2741080 00	8.4407710 00
1.6500005 02	1.9997187 00	6.2634408 00	8.2631594 00
1.6600005 02	1.6451997 00	6.2379467 00	7.8831464 00
1.6700005 02	1.2848102 00	6.2081892 00	7.4929993 00

TABLE VIII (Continued)

T = 5 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
1.6800005 02	9.5541139-01	6.1770111 00	7.1324224 00
1.6900005 02	6.8211753-01	6.1466956 00	6.8288131 00
1.7000005 02	4.6942524-01	6.1185372 00	6.5879625 00
1.7200005 02	2.1032647-01	6.0716822 00	6.2820086 00
1.7500005 02	7.7059846-02	6.0223047 00	6.0993645 00
1.8000005 02	4.5307778-02	5.9684614 00	6.0137692 00
1.8500005 02	3.9351546-02	5.9284677 00	5.9678192 00
1.9000005 02	3.5755941-02	5.8954993 00	5.9312552 00
2.0000005 02	3.1315535-02	5.8420101 00	5.8733256 00
2.1000005 02	2.8741307-02	5.7982684 00	5.8270097 00
2.2000005 02	2.7185381-02	5.7598310 00	5.7870163 00
2.3000005 02	2.6304500-02	5.7240732 00	5.7503777 00
2.4000005 02	2.5972145-02	5.6890988 00	5.7150709 00
2.5000005 02	2.6224965-02	5.6531612 00	5.6793860 00
2.6000005 02	2.7399467-02	5.6140162 00	5.6414157 00
2.7000005 02	3.2095305-02	5.5668530 00	5.5989482 00
2.7500005 02	5.9591187-02	5.5407447 00	5.6003359 00
2.8000005 02	3.0810056-01	5.5625794 00	5.8706800 00
2.8200005 02	5.9652653-01	5.6232783 00	6.2198048 00
2.8400005 02	1.0417845 00	5.7339050 00	6.7756895 00
2.8600005 02	1.6248685 00	5.8954564 00	7.5203249 00
2.8700005 02	1.9282955 00	5.9860085 00	7.9143040 00
2.8800005 02	2.2241563 00	6.0794130 00	8.3035692 00
2.8850005 02	2.3575943 00	6.1230740 00	8.4806683 00
2.8900005 02	2.4872319 00	6.1673291 00	8.6545611 00
2.8950005 02	2.5890936 00	6.2046597 00	8.7937533 00
2.9000005 02	2.6801616 00	6.2389736 00	8.9191351 00
2.9030005 02	2.7258257 00	6.2576196 00	8.9834452 00
2.9050005 02	2.7592820 00	6.2713095 00	9.0305915 00
2.9100005 02	2.8033159 00	6.2940758 00	9.0973916 00
2.9150005 02	2.8326568 00	6.3121681 00	9.1448249 00
2.9200005 02	2.8467294 00	6.3267836 00	9.1735129 00
2.9250005 02	2.8237735 00	6.3307122 00	9.1544857 00
2.9300005 02	2.7843445 00	6.3288236 00	9.1131682 00
2.9350005 02	2.7323632 00	6.3235149 00	9.0558780 00
2.9400005 02	2.6477280 00	6.3083727 00	8.9561006 00
2.9450005 02	2.5472380 00	6.2870703 00	8.8343081 00
2.9500005 02	2.4413032 00	6.2636617 00	8.7049649 00
2.9550005 02	2.3129915 00	6.2331846 00	8.5461761 00
2.9600005 02	2.1715352 00	6.1971479 00	8.3686830 00
2.9700005 02	1.8844417 00	6.1209690 00	8.0054107 00
2.9800005 02	1.5788454 00	6.0343582 00	7.6132036 00
2.9900005 02	1.2872220 00	5.9480384 00	7.2352604 00
3.0000005 02	1.0210608 00	5.8648996 00	6.8859604 00
3.0100005 02	7.8590514-01	5.7882344 00	6.5741396 00
3.0300005 02	4.3599681-01	5.6641803 00	6.1001770 00
3.0500005 02	2.2754802-01	5.5786471 00	5.8061951 00
3.1000005 02	5.9534028-02	5.4727881 00	5.5323221 00
3.1200005 02	4.7916295-02	5.4495277 00	5.4974440 00
3.1500005 02	4.3796001-02	5.4200291 00	5.4638251 00
3.2000005 02	4.5675262-02	5.3738723 00	5.4195475 00
3.2500005 02	5.0922330-02	5.3260131 00	5.3769353 00
3.3000005 02	5.9539136-02	5.2743365 00	5.3338755 00
3.3300005 02	6.7147118-02	5.2413197 00	5.3084667 00
3.3500005 02	7.3748368-02	5.2187300 00	5.2924784 00
3.3800005 02	8.7130009-02	5.1852493 00	5.2723793 00
3.4000005 02	9.9727218-02	5.1655995 00	5.2653721 00
3.4300005 02	1.3219434-01	5.1622156 00	5.2944100 00
3.4500005 02	1.7350610-01	5.2106735 00	5.3841795 00
3.4700005 02	2.5385145-01	5.3794572 00	5.6333086 00
3.5000005 02	5.5610165-01	6.2520655 00	6.8081671 00
3.5200005 02	1.0166858 00	7.7657740 00	8.7824598 00
3.5400005 02	1.8509532 00	1.0673304 01	1.2524257 01

TABLE VIII (Continued)

T = 5 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
3.5500005 02	2.4578281 00	1.2851226 01	1.5309054 01
3.5700005 02	4.1200365 00	1.8963118 01	2.3083154 01
3.5800005 02	5.1766218 00	2.2925937 01	2.8102559 01
3.5900005 02	6.3619857 00	2.7428983 01	3.3790969 01
3.6000005 02	7.6399324 00	3.2346981 01	3.9986913 01
3.6100005 02	8.9581934 00	3.7490955 01	4.6449148 01
3.6200005 02	1.0250925 01	4.2616030 01	5.2866954 01
3.6300005 02	1.1443721 01	4.7439198 01	5.8882919 01
3.6350005 02	1.1978392 01	4.9643609 01	6.1622001 01
3.6400005 02	1.2460509 01	5.1664720 01	6.4125229 01
3.6450005 02	1.2880321 01	5.3463717 01	6.6344038 01
3.6500005 02	1.3231678 01	5.5014950 01	6.8246627 01
3.6580005 02	1.3633650 01	5.6907718 01	7.0541367 01
3.6600005 02	1.3702006 01	5.7261370 01	7.0963375 01
3.6700005 02	1.3837279 01	5.8251347 01	7.2088626 01
3.6750005 02	1.3775041 01	5.8251498 01	7.2026539 01
3.6800005 02	1.3628503 01	5.7926373 01	7.1554876 01
3.6850005 02	1.3399104 01	5.7278539 01	7.0677643 01
3.6900005 02	1.3092827 01	5.6328052 01	6.9420878 01
3.6950005 02	1.2714069 01	5.5089149 01	6.7803218 01
3.7000005 02	1.2271271 01	5.3591818 01	6.5863090 01
3.7050005 02	1.1771041 01	5.1859376 01	6.3630417 01
3.7100005 02	1.1223416 01	4.9928618 01	6.1152033 01
3.7200005 02	1.0020334 01	4.5599185 01	5.5619518 01
3.7300005 02	8.7365985 00	4.0884003 01	4.9620602 01
3.7400005 02	7.4428136 00	3.6054338 01	4.3497152 01
3.7500005 02	6.1995817 00	3.1348317 01	3.7547899 01
3.7600005 02	5.0536664 00	2.6954721 01	3.2008387 01
3.7800005 02	3.1632718 00	1.9571520 01	2.2734791 01
3.8000005 02	1.8528269 00	1.4308230 01	1.6161056 01
3.8200005 02	1.0438045 00	1.0934443 01	1.1978247 01
3.8500005 02	4.6694900-01	8.3027348 00	8.7696839 00
3.9000005 02	3.7977630-01	6.8576254 00	7.2374016 00
3.9500005 02	1.1566773 00	6.5209867 00	7.6776639 00
3.9700005 02	1.7802433 00	6.5266359 00	8.3068791 00
3.9900005 02	2.5278153 00	6.5885982 00	9.1164135 00
4.0000005 02	2.9302338 00	6.6383559 00	9.5685897 00
4.0100005 02	3.3051499 00	6.6888414 00	9.9939913 00
4.0200005 02	3.6513425 00	6.7432052 00	1.0394548 01
4.0250005 02	3.8134132 00	6.7715761 00	1.0584990 01
4.0300005 02	3.9585147 00	6.7974881 00	1.0756003 01
4.0350005 02	4.0777532 00	6.8187038 00	1.0896457 01
4.0400005 02	4.1704813 00	6.8357913 00	1.1006272 01
4.0450005 02	4.2442386 00	6.8510657 00	1.1095304 01
4.0500005 02	4.3030246 00	6.8653563 00	1.1168381 01
4.0550005 02	4.3431296 00	6.8767041 00	1.1219833 01
4.0600005 02	4.3545302 00	6.8816372 00	1.1236167 01
4.0650005 02	4.3308347 00	6.8788428 00	1.1209678 01
4.0700005 02	4.2795171 00	6.8708312 00	1.1150349 01
4.0750005 02	4.2111320 00	6.8604741 00	1.1071606 01
4.0800005 02	4.1291655 00	6.8477866 00	1.0976952 01
4.0850005 02	4.0270716 00	6.8297332 00	1.0856805 01
4.0900005 02	3.8964342 00	6.8039950 00	1.0700429 01
4.0950005 02	3.7425045 00	6.7724440 00	1.0514948 01
4.1000005 02	3.5775239 00	6.7386716 00	1.0316196 01
4.1100005 02	3.2344383 00	6.6665524 00	9.9009906 00
4.1300005 02	2.4551256 00	6.4847092 00	8.9398347 00
4.1500005 02	1.7195130 00	6.2925655 00	8.0120784 00
4.1600005 02	1.4070828 00	6.2027011 00	7.6097839 00
4.1700005 02	1.1291996 00	6.1158644 00	7.2450640 00
4.1800005 02	9.0476903-01	6.0390166 00	6.9437856 00
4.2000005 02	5.9890096-01	5.9119526 00	6.5108535 00
4.2200005 02	4.8777453-01	5.8300663 00	6.3178409 00

TABLE VIII (Continued)

T = 5 ev

$E_n$ (ev)	$\sigma_n$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.2400005 02	5.7125099-01	5.8039496 00	6.3752006 00
4.2500005 02	6.9054500-01	5.8168242 00	6.5073691 00
4.2700005 02	1.0991300 00	5.9068679 00	7.0059978 00
4.2800005 02	1.3944006 00	5.9890779 00	7.3834785 00
4.2900005 02	1.7515485 00	6.0984758 00	7.8500244 00
4.3000005 02	2.1674817 00	6.2353636 00	8.4028453 00
4.3200005 02	3.1428794 00	6.5843660 00	9.7272455 00
4.3400005 02	4.2063839 00	7.0003283 00	1.1206712 01
4.3500005 02	4.7164380 00	7.2131264 00	1.1929565 01
4.3600005 02	5.1780573 00	7.4152644 00	1.2593322 01
4.3700005 02	5.5657220 00	7.5955999 00	1.3161322 01
4.3750005 02	5.7246860 00	7.6742705 00	1.3398956 01
4.3800005 02	5.8568784 00	7.7435447 00	1.3600423 01
4.3850005 02	5.9605599 00	7.8024367 00	1.3762997 01
4.3900005 02	6.0340331 00	7.8499915 00	1.3884025 01
4.3950005 02	6.0761328 00	7.8853973 00	1.3961530 01
4.4000005 02	6.0864732 00	7.9081859 00	1.3994659 01
4.4050005 02	6.0646472 00	7.9178600 00	1.3982507 01
4.4100005 02	6.0113362 00	7.9143519 00	1.3925688 01
4.4150005 02	5.9273861 00	7.8976975 00	1.3825084 01
4.4200005 02	5.8140812 00	7.8680872 00	1.3682168 01
4.4250005 02	5.6735206 00	7.8260928 00	1.3499614 01
4.4300005 02	5.5076841 00	7.7722559 00	1.3279940 01
4.4350005 02	5.3192427 00	7.7074089 00	1.3026651 01
4.4400005 02	5.1111186 00	7.6325520 00	1.2743671 01
4.4450005 02	4.8861191 00	7.5486567 00	1.2434776 01
4.4500005 02	4.6476366 00	7.4569631 00	1.2104600 01
4.4600005 02	4.1425893 00	7.2549394 00	1.1397529 01
4.4800005 02	3.1064184 00	6.8113062 00	9.9177246 00
4.5000005 02	2.1706568 00	6.3769141 00	8.5477510 00
4.5500005 02	7.7217430-01	5.6547594 00	6.4269336 00
4.6000005 02	7.5962138-01	6.1606915 00	6.9203128 00
4.6300005 02	1.5784284 00	8.1825778 00	9.7610061 00
4.6500005 02	2.6986867 00	1.1056946 01	1.3755633 01
4.6600005 02	3.4911868 00	1.3148588 01	1.6639775 01
4.6800005 02	5.6095349 00	1.8883222 01	2.4492757 01
4.7000005 02	8.4643470 00	2.6841525 01	3.5305872 01
4.7100005 02	1.0117171 01	3.1544789 01	4.1661960 01
4.7200005 02	1.1892108 01	3.6663580 01	4.8555688 01
4.7300005 02	1.3697809 01	4.1946856 01	5.5644665 01
4.7500005 02	1.7201364 01	5.2469317 01	6.9670681 01
4.7550005 02	1.7980966 01	5.4882137 01	7.2863103 01
4.7600005 02	1.8704719 01	5.7149265 01	7.5853983 01
4.7650005 02	1.9390361 01	5.9328535 01	7.8718896 01
4.7700005 02	1.9985833 01	6.1273367 01	8.1259199 01
4.7750005 02	2.0485954 01	6.2955267 01	8.3441221 01
4.7800005 02	2.0927089 01	6.4480643 01	8.5407731 01
4.7850005 02	2.1268857 01	6.5740372 01	8.7009228 01
4.7900005 02	2.1485966 01	6.6648314 01	8.8134280 01
4.8000005 02	2.1670168 01	6.7761294 01	8.9431462 01
4.8100005 02	2.1398849 01	6.7571703 01	8.8970551 01
4.8150005 02	2.1140715 01	6.7119783 01	8.8260497 01
4.8200005 02	2.0762230 01	6.6319205 01	8.7081434 01
4.8250005 02	2.0285859 01	6.5220116 01	8.5505974 01
4.8300005 02	1.9754185 01	6.3948881 01	8.3703066 01
4.8350005 02	1.9137156 01	6.2423768 01	8.1560924 01
4.8400005 02	1.8432333 01	6.0625306 01	7.9057640 01
4.8500005 02	1.6907745 01	5.6636132 01	7.3543877 01
4.8600005 02	1.5198294 01	5.2028710 01	6.7227004 01
4.8700005 02	1.3441994 01	4.7194029 01	6.0636023 01
4.8800005 02	1.1675191 01	4.2225095 01	5.3900285 01
4.9000005 02	8.4100260 00	3.2770078 01	4.1180103 01
4.9200005 02	5.7762535 00	2.4748084 01	3.0524338 01



TABLE VIII (Continued)

T = 5 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.9500005 02	3.3273866 00	1.6330502 01	1.9657888 01
4.9800005 02	2.5473322 00	1.1848071 01	1.4395403 01
5.0000005 02	2.7221716 00	1.0407386 01	1.3129557 01
5.0200005 02	3.2473244 00	9.7411242 00	1.2988449 01
5.0500005 02	4.2774617 00	9.5248948 00	1.3802357 01
5.0600005 02	4.5911694 00	9.5477374 00	1.4138907 01
5.0700005 02	4.8543501 00	9.5825553 00	1.4436906 01
5.0750005 02	4.9615033 00	9.5994486 00	1.4560952 01
5.0800005 02	5.0499100 00	9.6137231 00	1.4663633 01
5.0850005 02	5.1180663 00	9.6238924 00	1.4741958 01
5.0900005 02	5.1647876 00	9.6287321 00	1.4793519 01
5.0950005 02	5.1892874 00	9.6272546 00	1.4816542 01
5.1000005 02	5.1910211 00	9.6185856 00	1.4809607 01
5.1050005 02	5.1698170 00	9.6020168 00	1.4771834 01
5.1100005 02	5.1257615 00	9.5768957 00	1.4702657 01
5.1150005 02	5.0594993 00	9.5432546 00	1.4602754 01
5.1200004 02	4.9720883 00	9.5016978 00	1.4473786 01
5.1250004 02	4.8645469 00	9.4521037 00	1.4316651 01
5.1300005 02	4.7381762 00	9.3944676 00	1.4132644 01
5.1400005 02	4.4355362 00	9.2565649 00	1.3692101 01
5.1500005 02	4.0791560 00	9.0924848 00	1.3171640 01
5.1600004 02	3.6857979 00	8.9082631 00	1.2594061 01
5.1700005 02	3.2726329 00	8.7106708 00	1.1983303 01
5.1800005 02	2.8560415 00	8.5066429 00	1.1362684 01
5.1900004 02	2.4504619 00	8.3026786 00	1.0753140 01
5.2000004 02	2.0677647 00	8.1044824 00	1.0172247 01
5.2200005 02	1.4034810 00	7.7426675 00	9.1461485 00
5.2500005 02	7.0522652-01	7.3192227 00	8.0244492 00
5.2700004 02	4.2270527-01	7.1181679 00	7.5408732 00
5.3000004 02	1.9305380-01	6.9117395 00	7.1047932 00
5.3200005 02	1.2062668-01	6.8176041 00	6.9382308 00
5.3500005 02	7.2182767-02	6.7137661 00	6.7859488 00
5.4000005 02	5.2807039-02	6.5879228 00	6.6407298 00
5.4500004 02	6.2783490-02	6.4867622 00	6.5495457 00
5.4800005 02	9.4898183-02	6.4390166 00	6.5339148 00
5.5000005 02	1.4294960-01	6.4193095 00	6.5622591 00
5.5300004 02	2.8540425-01	6.4270422 00	6.7124464 00
5.5500005 02	4.5710958-01	6.4787566 00	6.9358661 00
5.5700005 02	7.0090964-01	6.5883319 00	7.2892415 00
5.5900005 02	1.0496543 00	6.7913318 00	7.8409860 00
5.6000004 02	1.2455758 00	6.9297889 00	8.1753646 00
5.6100005 02	1.4672621 00	7.1060992 00	8.5733613 00
5.6200005 02	1.7254426 00	7.3288279 00	9.0542705 00
5.6300005 02	1.9932689 00	7.5900130 00	9.5832819 00
5.6400004 02	2.2508174 00	7.8891204 00	1.0139938 01
5.6500005 02	2.5287031 00	8.2467433 00	1.0775447 01
5.6600005 02	2.8340811 00	8.6661983 00	1.1500279 01
5.6700004 02	3.1127626 00	9.1244755 00	1.2237238 01
5.6800005 02	3.3598082 00	9.6249734 00	1.2984781 01
5.6900005 02	3.6266610 00	1.0187539 01	1.3814200 01
5.7000005 02	3.8829498 00	1.0787212 01	1.4670162 01
5.7050004 02	3.9640709 00	1.1082190 01	1.5046260 01
5.7150004 02	4.1849516 00	1.1717495 01	1.5902447 01
5.7200005 02	4.2413087 00	1.2018443 01	1.6259752 01
5.7300005 02	4.4119036 00	1.2651466 01	1.7063369 01
5.7400005 02	4.5123427 00	1.3241420 01	1.7753762 01
5.7450004 02	4.5526320 00	1.3526379 01	1.8079011 01
5.7500004 02	4.5587480 00	1.3782596 01	1.8341344 01
5.7600005 02	4.5986470 00	1.4273275 01	1.8871922 01
5.7700005 02	4.5792880 00	1.4667545 01	1.9246833 01
5.7800004 02	4.4938881 00	1.4951083 01	1.9444972 01
5.7900005 02	4.3911560 00	1.5131297 01	1.9522454 01
5.7970003 02	4.2783250 00	1.5174787 01	1.9453112 01

TABLE VIII (Continued)

T = 5 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
5.8100005 02	4.0352925 00	1.5099808 01	1.9135100 01
5.8150004 02	3.9349582 00	1.5018858 01	1.8953816 01
5.8200004 02	3.8122513 00	1.4902001 01	1.8714252 01
5.8250004 02	3.6821894 00	1.4754785 01	1.8436975 01
5.8300005 02	3.5576777 00	1.4586413 01	1.8144090 01
5.8350005 02	3.4173801 00	1.4388575 01	1.7805955 01
5.8400005 02	3.2716996 00	1.4166097 01	1.7437797 01
5.8500005 02	2.9811559 00	1.3667045 01	1.6648201 01
5.8600004 02	2.6802379 00	1.3102505 01	1.5782743 01
5.8700005 02	2.3762320 00	1.2495269 01	1.4871502 01
5.8800005 02	2.0843457 00	1.1869888 01	1.3954233 01
5.8900004 02	1.8027962 00	1.1242634 01	1.3045431 01
5.9000005 02	1.5393242 00	1.0632908 01	1.2172232 01
5.9200005 02	1.0820947 00	9.5200965 00	1.0602192 01
5.9500005 02	5.8456900-01	8.2284674 00	8.8130364 00
5.9700004 02	3.6992607-01	7.6345130 00	8.0044390 00
6.0000004 02	1.7994085-01	7.0716887 00	7.2516296 00
6.0500005 02	6.2079464-02	6.6624037 00	6.7244831 00
6.1000005 02	3.4827388-02	6.5172338 00	6.5520612 00
6.1500004 02	2.7435643-02	6.4429784 00	6.4704141 00
6.2000005 02	2.4387112-02	6.3905359 00	6.4149230 00
6.3000004 02	2.1472567-02	6.3097547 00	6.3312272 00
6.4000005 02	2.0630788-02	6.2430204 00	6.2636512 00
6.5000005 02	2.1431127-02	6.1795185 00	6.2009496 00
6.6000005 02	2.4903724-02	6.1104241 00	6.1353279 00
6.6500005 02	2.9854949-02	6.0726663 00	6.1025212 00
6.7000004 02	4.5416351-02	6.0473293 00	6.0927456 00
6.7500005 02	1.0910384-01	6.1260304 00	6.2351342 00
6.7800004 02	2.1591784-01	6.3457402 00	6.5616581 00
6.8000005 02	3.4315958-01	6.6423294 00	6.9854890 00
6.8300005 02	6.6119054-01	7.4428134 00	8.1040039 00
6.8500004 02	9.7997620-01	8.2860725 00	9.2660487 00
6.8800005 02	1.6288887 00	1.0072277 01	1.1701166 01
6.9000005 02	2.1531292 00	1.1566247 01	1.3719377 01
6.9100005 02	2.4296976 00	1.2371558 01	1.4801255 01
6.9200004 02	2.7073455 00	1.3192872 01	1.5900217 01
6.9300005 02	2.9784757 00	1.4009156 01	1.6987631 01
6.9400005 02	3.2349766 00	1.4797424 01	1.8032401 01
6.9500005 02	3.4685972 00	1.5533741 01	1.9002337 01
6.9600004 02	3.6713455 00	1.6194337 01	1.9865682 01
6.9700005 02	3.8359487 00	1.6756928 01	2.0592876 01
6.9750005 02	3.9020040 00	1.6995307 01	2.0897311 01
6.9800005 02	3.9563629 00	1.7202215 01	2.1158578 01
6.9850005 02	3.9985224 00	1.7375901 01	2.1374423 01
6.9900005 02	4.0280790 00	1.7514868 01	2.1542947 01
7.0000004 02	4.0485825 00	1.7684986 01	2.1733568 01
7.0100005 02	4.0166980 00	1.7706173 01	2.1722871 01
7.0150005 02	3.9815811 00	1.7661354 01	2.1642935 01
7.0200005 02	3.9341063 00	1.7580332 01	2.1514438 01
7.0300004 02	3.8041150 00	1.7314104 01	2.1118219 01
7.0400005 02	3.6317068 00	1.6919195 01	2.0550901 01
7.0500005 02	3.4230988 00	1.6411133 01	1.9834231 01
7.0600005 02	3.1861415 00	1.5810849 01	1.8996990 01
7.0700004 02	2.9284145 00	1.5138702 01	1.8067116 01
7.0800005 02	2.6582426 00	1.4417985 01	1.7076227 01
7.0900005 02	2.3834492 00	1.3671006 01	1.6054455 01
7.1000005 02	2.1112558 00	1.2918225 01	1.5029480 01
7.1100004 02	1.8482797 00	1.2181458 01	1.4029737 01
7.1300005 02	1.3669133 00	1.0802405 01	1.2169318 01
7.1500005 02	9.6634828-01	9.6224462 00	1.0588795 01

TABLE IX  
Mo CROSS SECTIONS

Mo Temperature = 10 ev

Neutron Energy, $E_n$ (ev)	Radiative Capture Cross Section, $\sigma_\gamma$ (barns)	Scattering Cross Section, $\sigma_s$ (barns)	Total Cross Section, $\sigma_T$ (barns)
2.5300005-02	2.7420519 00	1.2594211 01	1.5336262 01
4.0000008-02	2.1812825 00	1.0535871 01	1.2717154 01
5.0000009-02	1.9513203 00	9.7228936 00	1.1674214 01
7.0000008-02	1.6497096 00	8.6986766 00	1.0348386 01
1.0000005-01	1.3809277 00	7.8432537 00	9.2241813 00
2.0000005-01	9.7807260-01	6.7215270 00	7.6995996 00
5.0000005-01	6.2167778-01	5.9822827 00	6.6039604 00
1.0000005 00	4.4332886-01	5.7289975 00	6.1723263 00
2.0000005 00	3.1903227-01	5.5989017 00	5.9179339 00
5.0000005 00	2.1387214-01	5.5091123 00	5.7229844 00
1.0000005 01	1.7052605-01	5.4560556 00	5.6265817 00
1.5000005 01	1.6340908-01	5.4133062 00	5.5767153 00
2.0000005 01	1.7645824-01	5.3656549 00	5.5421132 00
2.5000005 01	2.1696809-01	5.3068649 00	5.5238329 00
3.0000005 01	3.2512076-01	5.2348141 00	5.5599348 00
3.2000005 01	4.2272728-01	5.2095871 00	5.6323144 00
3.4000005 01	6.9157429-01	5.2740059 00	5.9655802 00
3.5000005 01	1.0735494 00	5.4770119 00	6.5505613 00
3.6000005 01	1.9603211 00	6.0633179 00	8.0236390 00
3.7000005 01	3.9371093 00	7.5104409 00	1.1447550 01
3.8000005 01	7.9409123 00	1.0598784 01	1.8539697 01
3.9000005 01	1.5109693 01	1.6300079 01	3.1409771 01
4.0000005 01	2.6286354 01	2.5376029 01	5.1662383 01
4.1000005 01	4.1266606 01	3.7748570 01	7.9015177 01
4.1500005 01	4.9675037 01	4.4779087 01	9.4454124 01
4.2000005 01	5.8209300 01	5.1980707 01	1.1019001 02
4.2500005 01	6.6403599 01	5.8970490 01	1.2537409 02
4.2800005 01	7.0949160 01	6.2889749 01	1.3383891 02
4.3000005 01	7.3758622 01	6.5332408 01	1.3909103 02
4.3200005 01	7.6356040 01	6.7608934 01	1.4396497 02
4.3500005 01	7.9793421 01	7.0659741 01	1.5045316 02
4.3700005 01	8.1742451 01	7.2419233 01	1.5416168 02
4.4000005 01	8.4098731 01	7.4599942 01	1.5869867 02
4.4300005 01	8.5724729 01	7.6185712 01	1.6191044 02
4.4500005 01	8.6383693 01	7.6894244 01	1.6327794 02
4.5000005 01	8.6508599 01	7.7406653 01	1.6391525 02
4.5500005 01	8.4498255 01	7.6137129 01	1.6063539 02
4.5700004 01	8.3132218 01	7.5155835 01	1.5828805 02
4.6000005 01	8.0534555 01	7.3217440 01	1.5375200 02
4.6300005 01	7.7344531 01	7.0771121 01	1.4811565 02
4.6500005 01	7.4930288 01	6.8891196 01	1.4382148 02
4.6700005 01	7.2317701 01	6.6837568 01	1.3915527 02
4.7000005 01	6.8089205 01	6.3482082 01	1.3157129 02
4.7200004 01	6.5106398 01	6.1096517 01	1.2620292 02
4.7500005 01	6.0459152 01	5.7355267 01	1.1781442 02
4.7700005 01	5.7287129 01	5.4786908 01	1.1207404 02
4.8000005 01	5.2485878 01	5.0879501 01	1.0336538 02
4.8200005 01	4.9293046 01	4.8268905 01	9.7561951 01
4.8500005 01	4.4573230 01	4.4393089 01	8.8966319 01
4.9000005 01	3.7054335 01	3.8179266 01	7.5233601 01
4.9500005 01	3.0175762 01	3.2451594 01	6.2627355 01
5.0000005 01	2.4093847 01	2.7349707 01	5.1443554 01
5.1000005 01	1.4540163 01	1.9245223 01	3.3785385 01
5.2000004 01	8.2377236 00	1.3803897 01	2.2041621 01
5.3000005 01	4.4627601 00	1.0468215 01	1.4930975 01
5.4000005 01	2.3816298 00	8.5662881 00	1.0947918 01
5.5000005 01	1.3084751 00	7.5330209 00	8.8414960 00
5.7000005 01	5.2262257-01	6.6728470 00	7.1954696 00
6.0000005 01	3.1281869-01	6.2733359 00	6.5861545 00
6.2000005 01	4.0740489-01	6.1446858 00	6.5520906 00
6.4000005 01	8.1702345-01	6.0629622 00	6.8799857 00
6.5000005 01	1.2083241 00	6.0404531 00	7.2487772 00
6.6000005 01	1.7410367 00	6.0315881 00	7.7726247 00

TABLE IX (Continued)

T = 10 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
6.7000005 01	2.3933796 00	6.0363146 00	8.4296941 00
6.8000005 01	3.1059828 00	6.0525699 00	9.1585526 00
6.8500005 01	3.4569006 00	6.0637187 00	9.5206193 00
6.9000005 01	3.7865340 00	6.0759116 00	9.8624456 00
6.9300005 01	3.9683970 00	6.0833779 00	1.0051775 01
6.9500005 01	4.0812332 00	6.0883003 00	1.0169533 01
6.9700005 01	4.1864044 00	6.0931117 00	1.0279516 01
6.9900004 01	4.2831632 00	6.0977550 00	1.0380918 01
7.0000005 01	4.3281592 00	6.0999955 00	1.0428155 01
7.0200005 01	4.4109935 00	6.1042825 00	1.0515276 01
7.0500005 01	4.5162275 00	6.1101241 00	1.0626352 01
7.0700004 01	4.5729620 00	6.1135535 00	1.0686516 01
7.1000005 01	4.6369149 00	6.1178833 00	1.0754798 01
7.1200005 01	4.6650161 00	6.1201670 00	1.0785183 01
7.1500005 01	4.6849096 00	6.1225967 00	1.0807506 01
7.2000005 01	4.6584779 00	6.1237547 00	1.0782233 01
7.2300005 01	4.6075476 00	6.1226052 00	1.0730153 01
7.2500005 01	4.5595448 00	6.1210476 00	1.0680592 01
7.2700005 01	4.5007685 00	6.1188528 00	1.0619621 01
7.2900004 01	4.4317019 00	6.1160243 00	1.0547726 01
7.3000005 01	4.3934810 00	6.1143750 00	1.0507856 01
7.3200005 01	4.3100384 00	6.1106137 00	1.0420652 01
7.3300005 01	4.2649782 00	6.1085052 00	1.0373483 01
7.3500005 01	4.1686117 00	6.1038459 00	1.0272458 01
7.3700005 01	4.0645121 00	6.0986150 00	1.0163127 01
7.4000005 01	3.8955239 00	6.0897553 00	9.9852791 00
7.4200005 01	3.7754599 00	6.0832186 00	9.8586785 00
7.4500005 01	3.5862654 00	6.0725536 00	9.6588190 00
7.4700004 01	3.4552630 00	6.0649252 00	9.5201881 00
7.5000005 01	3.2534607 00	6.0528038 00	9.3062646 00
7.5500005 01	2.9095026 00	6.0311348 00	8.9406372 00
7.6000005 01	2.5658336 00	6.0081967 00	8.5740303 00
7.7000004 01	1.9172916 00	5.9609707 00	7.8782621 00
7.8000005 01	1.3641053 00	5.9153495 00	7.2794548 00
8.0000005 01	6.1658457-01	5.8384607 00	6.4550452 00
8.2000005 01	2.6762432-01	5.7833697 00	6.0509941 00
8.4000005 01	1.3846999-01	5.7438967 00	5.8823666 00
9.0000005 01	8.1922374-02	5.6603331 00	5.7422555 00
9.2000005 01	8.0916802-02	5.6358138 00	5.7167306 00
9.5000005 01	8.1830427-02	5.5992751 00	5.6811055 00
9.8000005 01	8.5216030-02	5.5617456 00	5.6469616 00
1.0000005 02	8.8946963-02	5.5355098 00	5.6244567 00
1.0500005 02	1.0531984-01	5.4623811 00	5.5677009 00
1.1000005 02	1.4078511-01	5.3710083 00	5.5117933 00
1.1500005 02	3.1768249-01	5.3107104 00	5.6283929 00
1.2000005 02	2.2613947 00	6.4035108 00	8.6649055 00
1.2200005 02	5.0920103 00	8.3385674 00	1.3430578 01
1.2300005 02	7.3497709 00	9.9488587 00	1.7298630 01
1.2400005 02	1.0278420 01	1.2084442 01	2.2362861 01
1.2500005 02	1.3897075 01	1.4773620 01	2.8670696 01
1.2600005 02	1.8145000 01	1.7985431 01	3.6130430 01
1.2700005 02	2.2863337 01	2.1613779 01	4.4477116 01
1.2800005 02	2.7792396 01	2.5472665 01	5.3265061 01
1.2900005 02	3.2589261 01	2.9307060 01	6.1896320 01
1.2950005 02	3.4819220 01	3.1124697 01	6.5943917 01
1.3000005 02	3.6865107 01	3.2819231 01	6.9684338 01
1.3050005 02	3.8688207 01	3.4361055 01	7.3049262 01
1.3080005 02	3.9651858 01	3.5193687 01	7.4845545 01
1.3100005 02	4.0237395 01	3.5707609 01	7.5945005 01
1.3130005 02	4.1024718 01	3.6413236 01	7.7437954 01
1.3150005 02	4.1483764 01	3.6835947 01	7.8319711 01
1.3200005 02	4.2386977 01	3.7710810 01	8.0097787 01
1.3250005 02	4.2938206 01	3.8323882 01	8.1262088 01

TABLE IX (Continued)

T = 10 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
1.3300005 02	4.3108671 01	3.8648341 01	8.1757012 01
1.3350005 02	4.2916131 01	3.8695618 01	8.1611750 01
1.3380005 02	4.2618805 01	3.8583387 01	8.1202192 01
1.3400005 02	4.2343705 01	3.8448435 01	8.0792139 01
1.3450005 02	4.1434998 01	3.7937450 01	7.9372448 01
1.3470005 02	4.0970152 01	3.7653154 01	7.8623306 01
1.3500005 02	4.0187462 01	3.7157683 01	7.7345145 01
1.3520005 02	3.9611403 01	3.6783175 01	7.6394578 01
1.3550005 02	3.8659569 01	3.6150731 01	7.4810300 01
1.3570005 02	3.7971055 01	3.5685265 01	7.3656321 01
1.3600005 02	3.6869724 01	3.4929432 01	7.1799155 01
1.3650005 02	3.4872907 01	3.3532780 01	6.8405687 01
1.3700005 02	3.2713671 01	3.1995047 01	6.4708718 01
1.3750005 02	3.0430325 01	3.0343596 01	6.0773921 01
1.3800005 02	2.8084834 01	2.8626357 01	5.6711191 01
1.3900005 02	2.3341980 01	2.5098254 01	4.8440234 01
1.4000005 02	1.8797264 01	2.1656177 01	4.0453441 01
1.4100005 02	1.4682412 01	1.8488273 01	3.3170685 01
1.4200005 02	1.1134883 01	1.5712787 01	2.6847670 01
1.4300005 02	8.2103726 00	1.3385677 01	2.1596049 01
1.4400005 02	5.9019439 00	1.1513143 01	1.7415087 01
1.4500005 02	4.1518435 00	1.0059604 01	1.4211447 01
1.4600005 02	2.8756232 00	8.9662440 00	1.1841868 01
1.4800005 02	1.3904211 00	7.5973075 00	8.9877285 00
1.5000005 02	8.1607793-01	6.9201197 00	7.7361976 00
1.5400005 02	9.2318890-01	6.4378334 00	7.3610223 00
1.5500005 02	1.0727297 00	6.3910468 00	7.4637765 00
1.5700005 02	1.4133544 00	6.3326797 00	7.7460341 00
1.5800005 02	1.5755659 00	6.3139914 00	7.8895573 00
1.5850005 02	1.6495885 00	6.3069567 00	7.9565452 00
1.5900005 02	1.7159680 00	6.3007239 00	8.0166918 00
1.5920005 02	1.7401950 00	6.2984036 00	8.0385986 00
1.5950005 02	1.7734798 00	6.2950643 00	8.0685440 00
1.5970005 02	1.7937755 00	6.2929279 00	8.0867033 00
1.6000005 02	1.8208992 00	6.2897981 00	8.1106973 00
1.6050005 02	1.8569237 00	6.2847387 00	8.1416624 00
1.6100005 02	1.8808463 00	6.2797240 00	8.1605703 00
1.6150005 02	1.8923273 00	6.2746314 00	8.1669586 00
1.6200005 02	1.8909622 00	6.2693364 00	8.1602985 00
1.6250005 02	1.8766214 00	6.2637198 00	8.1403412 00
1.6300005 02	1.8497532 00	6.2576992 00	8.1074523 00
1.6350005 02	1.8110502 00	6.2512225 00	8.0622727 00
1.6400005 02	1.7612323 00	6.2442469 00	8.0054791 00
1.6450005 02	1.7012156 00	6.2367410 00	7.9379565 00
1.6500005 02	1.6322363 00	6.2286994 00	7.8609356 00
1.6600005 02	1.4731571 00	6.2111096 00	7.6842666 00
1.6700005 02	1.2955051 00	6.1917977 00	7.4873028 00
1.6800005 02	1.1106731 00	6.1712334 00	7.2819064 00
1.6900005 02	9.2927497-01	6.1500043 00	7.0792792 00
1.7000005 02	7.5972958-01	6.1287049 00	6.8884344 00
1.7200005 02	4.7708373-01	6.0878982 00	6.5649819 00
1.7500005 02	2.1325006-01	6.0356491 00	6.2488991 00
1.8000005 02	6.5098071-02	5.9738301 00	6.0389281 00
1.8500005 02	4.1269606-02	5.9310943 00	5.9723638 00
1.9000005 02	3.6123165-02	5.8972351 00	5.9333583 00
2.0000005 02	3.1464476-02	5.8430187 00	5.8744832 00
2.1000005 02	2.8827832-02	5.7989102 00	5.8277379 00
2.3000005 02	2.6364053-02	5.7242477 00	5.7506118 00
2.4000005 02	2.6045757-02	5.6890352 00	5.7150809 00
2.5000005 02	2.6353291-02	5.6527588 00	5.6791121 00
2.6000005 02	2.8075003-02	5.6129222 00	5.6409972 00
2.7000005 02	6.6780680-02	5.5719566 00	5.6387372 00
2.7500005 02	2.1903879-01	5.5804402 00	5.7994790 00

TABLE IX (Continued)

T = 10 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
2.8000005 02	6.5928008-01	5.6713453 00	6.3306253 00
2.8200005 02	9.3325203-01	5.7403805 00	6.6736325 00
2.8400005 02	1.2412058 00	5.8244039 00	7.0656097 00
2.8600005 02	1.5479989 00	5.9144756 00	7.4624744 00
2.8700005 02	1.6871187 00	5.9578479 00	7.6449664 00
2.8800005 02	1.8090106 00	5.9978098 00	7.8068204 00
2.8850005 02	1.8619355 00	6.0159620 00	7.8778974 00
2.8900005 02	1.9082455 00	6.0325060 00	7.9407514 00
2.8950005 02	1.9479105 00	6.0474128 00	7.9953232 00
2.9000005 02	1.9806879 00	6.0605331 00	8.0412209 00
2.9050005 02	2.0056007 00	6.0715297 00	8.0771304 00
2.9100005 02	2.0223354 00	6.0803068 00	8.1026422 00
2.9200005 02	2.0323930 00	6.0912467 00	8.1236397 00
2.9300005 02	2.0092699 00	6.0924621 00	8.1017319 00
2.9350005 02	1.9863153 00	6.0895877 00	8.0759030 00
2.9400005 02	1.9554014 00	6.0842113 00	8.0396127 00
2.9450005 02	1.9172922 00	6.0765522 00	7.9938443 00
2.9500005 02	1.8729710 00	6.0668120 00	7.9397829 00
2.9550005 02	1.8221840 00	6.0548667 00	7.8770507 00
2.9600005 02	1.7656808 00	6.0409497 00	7.8066305 00
2.9700005 02	1.6392791 00	6.0080590 00	7.6473380 00
2.9800005 02	1.4985247 00	5.9693782 00	7.4679029 00
2.9900005 02	1.3490358 00	5.9264091 00	7.2754448 00
3.0000005 02	1.1967861 00	5.8808953 00	7.0776813 00
3.0100005 02	1.0463998 00	5.8342723 00	6.8806721 00
3.0300005 02	7.6687719-01	5.7427523 00	6.5096295 00
3.0500005 02	5.3408664-01	5.6601694 00	6.1942560 00
3.1000005 02	1.8583709-01	5.5115435 00	5.6973806 00
3.1200005 02	1.2187410-01	5.4728615 00	5.5947356 00
3.1500005 02	7.2990497-02	5.4288027 00	5.5017932 00
3.2000005 02	5.1527065-02	5.3733048 00	5.4248319 00
3.2500005 02	5.3976346-02	5.3231079 00	5.3770842 00
3.3000005 02	6.4672672-02	5.2731242 00	5.3377969 00
3.3300005 02	7.7699613-02	5.2528795 00	5.3305791 00
3.3500005 02	9.2009369-02	5.2519525 00	5.3439619 00
3.3800005 02	1.3315405-01	5.3072186 00	5.4403726 00
3.4000005 02	1.8672720-01	5.4277950 00	5.6145221 00
3.4300005 02	3.4853623-01	5.8889467 00	6.2374828 00
3.4500005 02	5.5040006-01	6.5327431 00	7.0831431 00
3.4700005 02	8.7215794-01	7.6181423 00	8.4903002 00
3.5000005 02	1.6731263 00	1.0449198 01	1.2122324 01
3.5200005 02	2.4750203 00	1.3373355 01	1.5848376 01
3.5400005 02	3.5073054 00	1.7217009 01	2.0724314 01
3.5500005 02	4.1004938 00	1.9456573 01	2.3557067 01
3.5700005 02	5.4047242 00	2.4449150 01	2.9853874 01
3.5800005 02	6.0928962 00	2.7121504 01	3.3214400 01
3.5900005 02	6.7824027 00	2.9828206 01	3.6610609 01
3.6000005 02	7.4519168 00	3.2488890 01	3.9940808 01
3.6100005 02	8.0799700 00	3.5020961 01	4.3100930 01
3.6200005 02	8.6472538 00	3.7348737 01	4.5995991 01
3.6300005 02	9.1368420 00	3.9404916 01	4.8541757 01
3.6400005 02	9.5331538 00	4.1126740 01	5.0659894 01
3.6500005 02	9.8214451 00	4.2453828 01	5.2275273 01
3.6600005 02	9.9890635 00	4.3332532 01	5.3321594 01
3.6700005 02	1.0027934 01	4.3724926 01	5.3752859 01
3.6800005 02	9.9360981 00	4.3617147 01	5.3553245 01
3.6900005 02	9.7187228 00	4.3021716 01	5.2740439 01
3.7000005 02	9.3866149 00	4.1973477 01	5.1360092 01
3.7100005 02	8.9542231 00	4.0522333 01	4.9476556 01
3.7200005 02	8.4380246 00	3.8726988 01	4.7165013 01
3.7300005 02	7.8555938 00	3.6651184 01	4.4506778 01
3.7400005 02	7.2253798 00	3.4362674 01	4.1588054 01
3.7500005 02	6.5663800 00	3.1932076 01	3.8498456 01

TABLE IX (Continued)

T = 10 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
3.7600005 02	5.8975486 00	2.9430646 01	3.5328194 01
3.7800005 02	4.6007301 00	2.4482325 01	2.9083055 01
3.8000005 02	3.4519689 00	1.9965291 01	2.3417259 01
3.8200005 02	2.5216888 00	1.6149214 01	1.8670902 01
3.8500005 02	1.5879332 00	1.1913464 01	1.3501396 01
3.9000005 02	1.1522153 00	8.2192941 00	9.3715093 00
3.9500005 02	1.6994324 00	6.9984510 00	8.6978834 00
3.9700005 02	2.0562328 00	6.8316139 00	8.8878467 00
3.9900005 02	2.4224565 00	6.7508185 00	9.1732749 00
4.0000005 02	2.5937883 00	6.7296711 00	9.3234594 00
4.0100005 02	2.7490587 00	6.7158616 00	9.4649203 00
4.0200005 02	2.8829434 00	6.7061989 00	9.5891423 00
4.0300005 02	2.9907334 00	6.6979807 00	9.6887140 00
4.0400005 02	3.0685467 00	6.6889495 00	9.7574962 00
4.0500005 02	3.1135657 00	6.6771643 00	9.7907300 00
4.0600005 02	3.1242030 00	6.6611482 00	9.7853512 00
4.0700005 02	3.1005042 00	6.6409980 00	9.7415021 00
4.0800005 02	3.0435068 00	6.6157479 00	9.6592546 00
4.0900005 02	2.9557886 00	6.5850565 00	9.5408450 00
4.1000005 02	2.8414561 00	6.5492154 00	9.3906715 00
4.1100005 02	2.7057793 00	6.5088790 00	9.2146583 00
4.1300005 02	2.3948098 00	6.4186416 00	8.8134513 00
4.1500005 02	2.0710959 00	6.3237876 00	8.3948834 00
4.1600005 02	1.9187758 00	6.2782367 00	8.1970124 00
4.1700005 02	1.7810314 00	6.2361774 00	8.0172088 00
4.1800005 02	1.6643043 00	6.1993415 00	7.8636456 00
4.2000005 02	1.5137354 00	6.1474146 00	7.6611499 00
4.2200005 02	1.4920880 00	6.1332955 00	7.6253835 00
4.2400005 02	1.6136184 00	6.1650802 00	7.7786985 00
4.2500005 02	1.7274896 00	6.1991320 00	7.9266216 00
4.2700005 02	2.0518498 00	6.3037482 00	8.3555979 00
4.2800005 02	2.2545600 00	6.3722346 00	8.6267945 00
4.2900005 02	2.4771481 00	6.4496270 00	8.9267751 00
4.3000005 02	2.7154050 00	6.5348897 00	9.2502946 00
4.3200005 02	3.2072512 00	6.7172388 00	9.9244900 00
4.3400005 02	3.6726344 00	6.8986708 00	1.0571305 01
4.3500005 02	3.8747143 00	6.9804626 00	1.0855177 01
4.3600005 02	4.0483934 00	7.0532735 00	1.1101667 01
4.3700005 02	4.1909525 00	7.1154500 00	1.1306403 01
4.3800005 02	4.2916791 00	7.1635405 00	1.1455220 01
4.3900005 02	4.3508240 00	7.1960786 00	1.1546903 01
4.4000005 02	4.3684206 00	7.2122466 00	1.1580667 01
4.4100005 02	4.3374344 00	7.2095930 00	1.1547027 01
4.4200005 02	4.2670464 00	7.1920109 00	1.1459057 01
4.4300005 02	4.1558372 00	7.1585752 00	1.1314413 01
4.4400005 02	4.0070942 00	7.1119518 00	1.1119046 01
4.4450005 02	3.9231106 00	7.0856685 00	1.1008779 01
4.4500005 02	3.8320697 00	7.0572648 00	1.0889335 01
4.4600005 02	3.6296197 00	6.9959658 00	1.0625586 01
4.4800005 02	3.1896101 00	6.8835520 00	1.0073162 01
4.5000005 02	2.7515290 00	6.8322760 00	9.5838049 00
4.5500005 02	2.0996333 00	7.5355043 00	9.6351376 00
4.6000005 02	2.8161383 00	1.0935781 01	1.3751919 01
4.6300005 02	4.1712263 00	1.5121753 01	1.9292979 01
4.6500005 02	5.4777490 00	1.8960979 01	2.4438727 01
4.6600005 02	6.2396777 00	2.1181858 01	2.7421536 01
4.6800005 02	7.9339348 00	2.6126867 01	3.4060802 01
4.7000005 02	9.7639079 00	3.1519592 01	4.1283500 01
4.7100005 02	1.0685590 01	3.4268266 01	4.4953856 01
4.7200005 02	1.1585371 01	3.6979887 01	4.8565257 01
4.7300005 02	1.2441995 01	3.9594531 01	5.2036526 01
4.7500005 02	1.3938997 01	4.4282047 01	5.8221043 01
4.7600005 02	1.4540912 01	4.6240084 01	6.0780996 01

TABLE IX (Continued)

T = 10 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
4.7700005 02	1.5021945 01	4.7869184 01	6.2891130 01
4.7800005 02	1.5368632 01	4.9125478 01	6.4494110 01
4.7900005 02	1.5572919 01	4.9979477 01	6.5552396 01
4.8000005 02	1.5629723 01	5.0409294 01	6.6039016 01
4.8100005 02	1.5537857 01	5.0403925 01	6.5941782 01
4.8200005 02	1.5302976 01	4.9971477 01	6.5274454 01
4.8300005 02	1.4933801 01	4.9129124 01	6.4062924 01
4.8400005 02	1.4442183 01	4.7902725 01	6.2344908 01
4.8500005 02	1.3845441 01	4.6334218 01	6.0179659 01
4.8600005 02	1.3162750 01	4.4471714 01	5.7634464 01
4.8700005 02	1.2413351 01	4.2365298 01	5.4778649 01
4.8800005 02	1.1619676 01	4.0074543 01	5.1694219 01
4.9000005 02	9.9861649 00	3.5171050 01	4.5157215 01
4.9200005 02	8.4192531 00	3.0201704 01	3.8620957 01
4.9500005 02	6.4556048 00	2.3396870 01	2.9852475 01
4.9800005 02	5.1286629 00	1.8007582 01	2.3136244 01
5.0000005 02	4.5995325 00	1.5318411 01	1.9917944 01
5.0200005 02	4.2971363 00	1.3300866 01	1.7598003 01
5.0500005 02	4.1081285 00	1.1296729 01	1.5404857 01
5.0600005 02	4.0796666 00	1.0838500 01	1.4918167 01
5.0700005 02	4.0540627 00	1.0459187 01	1.4513250 01
5.0750005 02	4.0397399 00	1.0294775 01	1.4334515 01
5.0800005 02	4.0235084 00	1.0144128 01	1.4167637 01
5.0900005 02	3.9815326 00	9.8802066 00	1.3861739 01
5.1000005 02	3.9231522 00	9.6558830 00	1.3579035 01
5.1100005 02	3.8449894 00	9.4612983 00	1.3306287 01
5.1200004 02	3.7452617 00	9.2884299 00	1.3033691 01
5.1300005 02	3.6235188 00	9.1307737 00	1.2754292 01
5.1400005 02	3.4804948 00	8.9833773 00	1.2463872 01
5.1500005 02	3.3178716 00	8.8425405 00	1.2160412 01
5.1600004 02	3.1381629 00	8.7057325 00	1.1843896 01
5.1700005 02	2.9444179 00	8.5713467 00	1.1515765 01
5.1800005 02	2.7401788 00	8.4385863 00	1.1178765 01
5.1900004 02	2.5291543 00	8.3072520 00	1.0836406 01
5.2000004 02	2.3151044 00	8.1775881 00	1.0492693 01
5.2200005 02	1.8922738 00	7.9256997 00	9.8179734 00
5.2500005 02	1.3156730 00	7.5770197 00	8.8929626 00
5.2700004 02	9.9414932-01	7.3742718 00	8.3684211 00
5.3000004 02	6.2144568-01	7.1197008 00	7.7411464 00
5.3200005 02	4.4360271-01	6.9827643 00	7.4263669 00
5.3500005 02	2.6730082-01	6.8219086 00	7.0892094 00
5.4000005 02	1.5339857-01	6.6484324 00	6.8018309 00
5.4500004 02	2.0620033-01	6.5778524 00	6.7840527 00
5.4800005 02	3.1988844-01	6.5999473 00	6.9198356 00
5.5000005 02	4.3694455-01	6.6548104 00	7.0917549 00
5.5300004 02	6.8718756-01	6.8234972 00	7.5106847 00
5.5500005 02	9.0653968-01	7.0105014 00	7.9170410 00
5.5700005 02	1.1699494 00	7.2721069 00	8.4420562 00
5.5900005 02	1.4708116 00	7.6175545 00	9.0883661 00
5.6000004 02	1.6348922 00	7.8245594 00	9.4594516 00
5.6100005 02	1.8036917 00	8.0535371 00	9.8572287 00
5.6200005 02	1.9763722 00	8.3047869 00	1.0281159 01
5.6300005 02	2.1538444 00	8.5784878 00	1.0732332 01
5.6400004 02	2.3312811 00	8.8715822 00	1.1202863 01
5.6500005 02	2.5044771 00	9.1812841 00	1.1685761 01
5.6600005 02	2.6753564 00	9.5067188 00	1.2182075 01
5.6700004 02	2.8402561 00	9.8432248 00	1.2683481 01
5.6800005 02	2.9924685 00	1.0184919 01	1.3177387 01
5.6900005 02	3.1343232 00	1.0529359 01	1.3663683 01
5.7000005 02	3.2633941 00	1.0870590 01	1.4133984 01
5.7200005 02	3.4643605 00	1.1516727 01	1.4981088 01
5.7300005 02	3.5373929 00	1.1811607 01	1.5349000 01
5.7400005 02	3.5852402 00	1.2077791 01	1.5663031 01



TABLE IX (Continued)

T = 10 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
5.7500004 02	3.6131763 00	1.2312779 01	1.5925955 01
5.7600005 02	3.6175660 00	1.2509695 01	1.6127261 01
5.7700005 02	3.5963364 00	1.2663965 01	1.6260301 01
5.7800004 02	3.5552206 00	1.2774485 01	1.6329705 01
5.7900005 02	3.4895233 00	1.2836210 01	1.6325733 01
5.7970003 02	3.4310287 00	1.2850693 01	1.6281721 01
5.8100005 02	3.2985890 00	1.2814380 01	1.6112969 01
5.8200004 02	3.1741141 00	1.2730260 01	1.5904374 01
5.8300005 02	3.0364085 00	1.2601328 01	1.5637737 01
5.8400005 02	2.8841810 00	1.2428778 01	1.5312959 01
5.8500005 02	2.7219318 00	1.2217808 01	1.4939740 01
5.8600004 02	2.5522276 00	1.1972768 01	1.4524996 01
5.8700005 02	2.3763593 00	1.1698586 01	1.4074966 01
5.8800005 02	2.1990592 00	1.1401723 01	1.3600782 01
5.8900004 02	2.0204673 00	1.1086996 01	1.3107463 01
5.9000005 02	1.8449583 00	1.0761221 01	1.2606179 01
5.9200005 02	1.5075034 00	1.0096971 01	1.1604475 01
5.9500005 02	1.0605474 00	9.1421529 00	1.0202700 01
5.9700004 02	8.1295746-01	8.5756637 00	9.3886211 00
6.0000004 02	5.2218283-01	7.8705145 00	8.3926973 00
6.0500005 02	2.2748189-01	7.0905575 00	7.3180393 00
6.1000005 02	9.5686562-02	6.6913193 00	6.7870059 00
6.1500004 02	4.6168992-02	6.5046581 00	6.5508271 00
6.2000005 02	2.9633622-02	6.4123703 00	6.4420039 00
6.3000004 02	2.2218964-02	6.3139426 00	6.3361615 00
6.4000005 02	2.1223656-02	6.2434004 00	6.2646240 00
6.5000005 02	2.3004072-02	6.1780223 00	6.2010263 00
6.6000005 02	3.9796638-02	6.1350631 00	6.1748597 00
6.6500005 02	7.7408752-02	6.1789918 00	6.2564005 00
6.7000004 02	1.7667676-01	6.3808940 00	6.5575707 00
6.7500005 02	3.9876457-01	6.9186272 00	7.3173918 00
6.7800004 02	6.1938957-01	7.4913419 00	8.1107315 00
6.8000005 02	8.0875308-01	7.9989455 00	8.8076985 00
6.8300005 02	1.1542887 00	8.9514968 00	1.0105785 01
6.8500004 02	1.4185173 00	9.6986768 00	1.1117194 01
6.8800005 02	1.8419656 00	1.0927919 01	1.2769885 01
6.9000005 02	2.1221130 00	1.1765147 01	1.3887260 01
6.9100005 02	2.2555351 00	1.2172307 01	1.4427842 01
6.9200004 02	2.3816695 00	1.2563619 01	1.4945289 01
6.9300005 02	2.4983901 00	1.2932834 01	1.5431225 01
6.9400005 02	2.6036615 00	1.3273862 01	1.5877523 01
6.9500005 02	2.6953602 00	1.3580195 01	1.6275555 01
6.9600004 02	2.7722326 00	1.3847860 01	1.6620092 01
6.9700005 02	2.8326390 00	1.4071554 01	1.6904193 01
6.9800005 02	2.8751861 00	1.4246577 01	1.7121762 01
6.9900005 02	2.8993050 00	1.4370639 01	1.7269943 01
7.0000004 02	2.9048235 00	1.4442574 01	1.7347397 01
7.0100005 02	2.8911524 00	1.4459765 01	1.7350918 01
7.0200005 02	2.8588669 00	1.4423143 01	1.7282010 01
7.0300004 02	2.8086289 00	1.4333824 01	1.7142453 01
7.0400005 02	2.7414602 00	1.4193988 01	1.6935449 01
7.0500005 02	2.6584179 00	1.4005871 01	1.6664289 01
7.0600005 02	2.5615978 00	1.3775025 01	1.6336623 01
7.0700004 02	2.4525346 00	1.3505209 01	1.5957743 01
7.0800005 02	2.3329465 00	1.3200754 01	1.5533700 01
7.0900005 02	2.2053501 00	1.2868699 01	1.5074049 01
7.1000005 02	2.0714017 00	1.2513282 01	1.4584683 01

TABLE X  
Mo CROSS SECTIONS  
Mo Temperature = 20 ev

Neutron Energy, E <sub>n</sub> (ev)	Radiative Capture Cross Section, σ <sub>γ</sub> (barns)	Scattering Cross Section, σ <sub>s</sub> (barns)	Total Cross Section, σ <sub>T</sub> (barns)
2.5300005-02	2.7491633 00	1.6934850 01	1.9684013 01
4.0000008-02	2.1869506 00	1.3881013 01	1.6067964 01
5.0000009-02	1.9563974 00	1.2652982 01	1.4609379 01
7.0000008-02	1.6540116 00	1.1076544 01	1.2730556 01
1.0000005-01	1.3845396 00	9.7206919 00	1.1105232 01
2.0000005-01	9.8065553-01	7.8411229 00	8.8217784 00
5.0000005-01	6.2336588-01	6.4770502 00	7.1004161 00
1.0000005 00	4.4458962-01	5.9786165 00	6.4232061 00
2.0000005 00	3.2002833-01	5.7230103 00	6.0430386 00
5.0000005 00	2.1476196-01	5.5576572 00	5.7724190 00
1.0000005 01	1.7170962-01	5.4789951 00	5.6507047 00
1.5000005 01	1.6540716-01	5.4271327 00	5.5925398 00
2.0000005 01	1.8058251-01	5.3741672 00	5.5547497 00
2.5000005 01	2.2824833-01	5.3116343 00	5.5398826 00
3.0000005 01	4.5142283-01	5.3058840 00	5.7573069 00
3.2000005 01	9.9762002-01	5.6210396 00	6.6186595 00
3.4000005 01	2.9184181 00	7.0119641 00	9.9303823 00
3.5000005 01	4.9979216 00	8.6114406 00	1.3609362 01
3.6000005 01	8.2518509 00	1.1177602 01	1.9429453 01
3.7000005 01	1.2964502 01	1.4961431 01	2.7925933 01
3.8000005 01	1.9262725 01	2.0090453 01	3.9353177 01
3.9000005 01	2.7002102 01	2.6471400 01	5.3473502 01
4.0000005 01	3.5696177 01	3.3726437 01	6.9422614 01
4.1000005 01	4.4532025 01	4.1198827 01	8.5730852 01
4.1500005 01	4.8687037 01	4.4756227 01	9.3443264 01
4.2000005 01	5.2488627 01	4.8045493 01	1.0053412 02
4.2500005 01	5.5809708 01	5.0959047 01	1.0676875 02
4.3000005 01	5.8537474 01	5.3399820 01	1.1193730 02
4.3500005 01	6.0579393 01	5.5286989 01	1.1586638 02
4.4000005 01	6.1868845 01	5.6560427 01	1.1842927 02
4.4500005 01	6.2368509 01	5.7183859 01	1.1955237 02
4.5000005 01	6.2071991 01	5.7146564 01	1.1921855 02
4.5500005 01	6.1003391 01	5.6463228 01	1.1746662 02
4.6000005 01	5.9214966 01	5.5172277 01	1.1438724 02
4.6500005 01	5.6783139 01	5.3332803 01	1.1011594 02
4.7000005 01	5.3803396 01	5.1020506 01	1.0482390 02
4.7500005 01	5.0384191 01	4.8322785 01	9.8706976 01
4.8000005 01	4.6640961 01	4.5333613 01	9.1974574 01
4.8500005 01	4.2689555 01	4.2148577 01	8.4838132 01
4.9000005 01	3.8641507 01	3.8860257 01	7.7501765 01
4.9500005 01	3.4599019 01	3.5554352 01	7.0153371 01
5.0000005 01	3.0651792 01	3.2306760 01	6.2958552 01
5.1000005 01	2.3324913 01	2.6228667 01	4.9553581 01
5.2000004 01	1.7065126 01	2.0980357 01	3.8045484 01
5.3000005 01	1.2036534 01	1.6717354 01	2.8753888 01
5.4000005 01	8.2144830 00	1.3435460 01	2.1649943 01
5.5000005 01	5.4540238 00	1.1026093 01	1.6480117 01
5.7000005 01	2.3137954 00	8.1773626 00	1.0491158 01
6.0000005 01	9.3012391-01	6.6133681 00	7.5434919 00
6.2000005 01	1.0068167 00	6.2873149 00	7.2941316 00
6.4000005 01	1.4747283 00	6.1533174 00	7.6280457 00
6.5000005 01	1.7988139 00	6.1202641 00	7.9190779 00
6.6000005 01	2.1514315 00	6.0998218 00	8.2512533 00
6.7000005 01	2.5059498 00	6.0882385 00	8.5941882 00
6.8000005 01	2.8335220 00	6.0829666 00	8.9164886 00
6.8500005 01	2.9774619 00	6.0813213 00	9.0587831 00
6.9000005 01	3.1036732 00	6.0799100 00	9.1835832 00
6.9500005 01	3.2092233 00	6.0784446 00	9.2876679 00
7.0000005 01	3.2916630 00	6.0766572 00	9.3683202 00
7.0500005 01	3.3491020 00	6.0743108 00	9.4234127 00
7.1000005 01	3.3802845 00	6.0711984 00	9.4514829 00
7.1500005 01	3.3846154 00	6.0671489 00	9.4517643 00
7.2000005 01	3.3621856 00	6.0620332 00	9.4242188 00

TABLE X (Continued)

T = 20 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
7.2500005 01	3.3137455 00	6.0557597 00	9.3695052 00
7.3000005 01	3.2406668 00	6.0482818 00	9.2889485 00
7.3500005 01	3.1448763 00	6.0395916 00	9.1844679 00
7.4000005 01	3.0287651 00	6.0297198 00	9.0584849 00
7.4500005 01	2.8950982 00	6.0187306 00	8.9138288 00
7.5000005 01	2.7468995 00	6.0067189 00	8.7536183 00
7.5500005 01	2.5873437 00	5.9938035 00	8.5811472 00
7.6000005 01	2.4196437 00	5.9801198 00	8.3997634 00
7.7000004 01	2.0722805 00	5.9510471 00	8.0233276 00
7.8000005 01	1.7277623 00	5.9207218 00	7.6484840 00
8.0000005 01	1.1156631 00	5.8607313 00	6.9763943 00
8.2000005 01	6.6433809-01	5.8067105 00	6.4710486 00
8.4000005 01	3.7794894-01	5.7611413 00	6.1390902 00
9.0000005 01	1.0433515-01	5.6629214 00	5.7672565 00
9.5000005 01	8.6165400-02	5.5976759 00	5.6838412 00
1.0000005 02	9.4077333-02	5.5303333 00	5.6244106 00
1.0500005 02	1.3008935-01	5.4613873 00	5.5914766 00
1.1000005 02	3.5672431-01	5.4889998 00	5.8457240 00
1.1500005 02	1.7306674 00	6.3004431 00	8.0311104 00
1.2000005 02	6.9374959 00	9.9798873 00	1.6917383 01
1.2200005 02	1.0736387 01	1.2804535 01	2.3540922 01
1.2300005 02	1.2972776 01	1.4498811 01	2.7471587 01
1.2400005 02	1.5374049 01	1.6340317 01	3.1714365 01
1.2500005 02	1.7876959 01	1.8283900 01	3.6160860 01
1.2600005 02	2.0402193 01	2.0271419 01	4.0673612 01
1.2700005 02	2.2856843 01	2.2233167 01	4.5090010 01
1.2800005 02	2.5140450 01	2.4092126 01	4.9232576 01
1.2900005 02	2.7152349 01	2.5769568 01	5.2921918 01
1.3000005 02	2.8799888 01	2.7191069 01	5.5990958 01
1.3100005 02	3.0004585 01	2.8291422 01	5.8296007 01
1.3150005 02	3.0360210 01	2.8652777 01	5.9012986 01
1.3200005 02	3.0706265 01	2.9018251 01	5.9724515 01
1.3300005 02	3.0865729 01	2.9334566 01	6.0200296 01
1.3400005 02	3.0469083 01	2.9223012 01	5.9692095 01
1.3500005 02	2.9537843 01	2.8694245 01	5.8232087 01
1.3550005 02	2.8910762 01	2.8307323 01	5.7218084 01
1.3600005 02	2.8139256 01	2.7794672 01	5.5933929 01
1.3700005 02	2.6379329 01	2.6599940 01	5.2979269 01
1.3800005 02	2.4363012 01	2.5183952 01	4.9546963 01
1.3900005 02	2.2151856 01	2.3588810 01	4.5740665 01
1.4000005 02	1.9785302 01	2.1844813 01	4.1630114 01
1.4100005 02	1.7361273 01	2.0030918 01	3.7392191 01
1.4200005 02	1.5029154 01	1.8262525 01	3.3291679 01
1.4300005 02	1.2859206 01	1.6590950 01	2.9450155 01
1.4400005 02	1.0829931 01	1.5002290 01	2.5832221 01
1.4500005 02	8.9847291 00	1.3536763 01	2.2521492 01
1.4600005 02	7.4019435 00	1.2255705 01	1.9657648 01
1.4800005 02	4.8967524 00	1.0156732 01	1.5053484 01
1.5000005 02	3.2474339 00	8.6793462 00	1.1926780 01
1.5400005 02	1.7502759 00	7.0790939 00	8.8293698 00
1.5500005 02	1.6148575 00	6.8701964 00	8.4850538 00
1.5700005 02	1.4885596 00	6.5892420 00	8.0778016 00
1.5800005 02	1.4659752 00	6.4967795 00	7.9627546 00
1.5900005 02	1.4547509 00	6.4263972 00	7.8811481 00
1.5950005 02	1.4504599 00	6.3976559 00	7.8481158 00
1.6000005 02	1.4455182 00	6.3721583 00	7.8176764 00
1.6100005 02	1.4318469 00	6.3296859 00	7.7615327 00
1.6200005 02	1.4091929 00	6.2956373 00	7.7048302 00
1.6300005 02	1.3747286 00	6.2673464 00	7.6420750 00
1.6400005 02	1.3274990 00	6.2430983 00	7.5705973 00
1.6500005 02	1.2675173 00	6.2214322 00	7.4889495 00
1.6600005 02	1.1960859 00	6.2015097 00	7.3975956 00
1.6700005 02	1.1150546 00	6.1826522 00	7.2977067 00

TABLE X (Continued)

T = 20 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
1.6800005 02	1.0262141 00	6.1639855 00	7.1901995 00
1.6900005 02	9.3368216-01	6.1463511 00	7.0800332 00
1.7000005 02	8.3964084-01	6.1293730 00	6.9690138 00
1.7200005 02	6.5568610-01	6.0964123 00	6.7520983 00
1.7500005 02	4.1779270-01	6.0503899 00	6.4681825 00
1.8000005 02	1.7020336-01	5.9864419 00	6.1566452 00
1.8500005 02	7.1834045-02	5.9384183 00	6.0102524 00
1.9000005 02	4.2607154-02	5.9015818 00	5.9441890 00
2.0000005 02	3.1876300-02	5.8452892 00	5.8771655 00
2.1000005 02	2.9012670-02	5.8003724 00	5.8293850 00
2.3000005 02	2.6490251-02	5.7247302 00	5.7512205 00
2.4000005 02	2.6211285-02	5.6890051 00	5.7152164 00
2.5000005 02	2.7325766-02	5.6520623 00	5.6793881 00
2.6000005 02	4.6642090-02	5.6149818 00	5.6616238 00
2.7000005 02	2.2403221-01	5.6132642 00	5.8372963 00
2.7500005 02	4.7380452-01	5.6583973 00	6.1322017 00
2.8000005 02	8.3993532-01	5.7442165 00	6.5841518 00
2.8200005 02	9.9882792-01	5.7855710 00	6.7843989 00
2.8400005 02	1.1495239 00	5.8268208 00	6.9763446 00
2.8600005 02	1.2801654 00	5.8644291 00	7.1445945 00
2.8700005 02	1.3344135 00	5.8807338 00	7.2151473 00
2.8800005 02	1.3796059 00	5.8948001 00	7.2744059 00
2.8900005 02	1.4147371 00	5.9062538 00	7.3209909 00
2.9000005 02	1.4389942 00	5.9147650 00	7.3537592 00
2.9100005 02	1.4518535 00	5.9200806 00	7.3719340 00
2.9200005 02	1.4530747 00	5.9220221 00	7.3750968 00
2.9300005 02	1.4426790 00	5.9204879 00	7.3631669 00
2.9400005 02	1.4209946 00	5.9154644 00	7.3364589 00
2.9500005 02	1.3886053 00	5.9070195 00	7.2956247 00
2.9600005 02	1.3463513 00	5.8953030 00	7.2416543 00
2.9700005 02	1.2952573 00	5.8805275 00	7.1757848 00
2.9800005 02	1.2365381 00	5.8629753 00	7.0995134 00
2.9900005 02	1.1715246 00	5.8429758 00	7.0145003 00
3.0000005 02	1.1016028 00	5.8208910 00	6.9224938 00
3.0100005 02	1.0282040 00	5.7971099 00	6.8253139 00
3.0300005 02	8.7649864-01	5.7460314 00	6.6225301 00
3.0500005 02	7.2664445-01	5.6927813 00	6.4194256 00
3.1000005 02	4.0817219-01	5.5659458 00	5.9741179 00
3.1200005 02	3.1334969-01	5.5216625 00	5.8350122 00
3.1500005 02	2.0763542-01	5.4640983 00	5.6717337 00
3.2000005 02	1.1390923-01	5.3968829 00	5.5107921 00
3.2500005 02	9.4062806-02	5.3790982 00	5.4731609 00
3.3000005 02	1.4258929-01	5.4976459 00	5.6402352 00
3.3300005 02	2.2295136-01	5.7274747 00	5.9504260 00
3.3500005 02	3.1117503-01	6.0009961 00	6.3121710 00
3.3800005 02	5.1952949-01	6.6867550 00	7.2062844 00
3.4000005 02	7.2575640-01	7.3938770 00	8.1196333 00
3.4300005 02	1.1651158 00	8.9482615 00	1.0113378 01
3.4500005 02	1.5586859 00	1.0373564 01	1.1932249 01
3.4700005 02	2.0383821 00	1.2138892 01	1.4177274 01
3.5000005 02	2.9117051 00	1.5411067 01	1.8322772 01
3.5200005 02	3.5772889 00	1.7945876 01	2.1523165 01
3.5400005 02	4.2815488 00	2.0664943 01	2.4946492 01
3.5500005 02	4.6379966 00	2.2056063 01	2.6694060 01
3.5700005 02	5.3353104 00	2.4810455 01	3.0145765 01
3.5800005 02	5.6657049 00	2.6133661 01	3.1799366 01
3.5900005 02	5.9767950 00	2.7393175 01	3.3369969 01
3.6000005 02	6.2633595 00	2.8568357 01	3.4831716 01
3.6200005 02	6.7434870 00	3.0587412 01	3.7330899 01
3.6400005 02	7.0724318 00	3.2051391 01	3.9123822 01
3.6500005 02	7.1725718 00	3.2541585 01	3.9714157 01
3.6700005 02	7.2363116 00	3.2997655 01	4.0233966 01
3.6900005 02	7.1184067 00	3.2740409 01	3.9858815 01

TABLE X (Continued)

T = 20 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
3.7000005 02	6.9950188 00	3.2352151 01	3.9347170 01
3.7200005 02	6.6343114 00	3.1100914 01	3.7735226 01
3.7400005 02	6.1497450 00	2.9307897 01	3.5457642 01
3.7500005 02	5.8734120 00	2.8249983 01	3.4123395 01
3.7800005 02	4.9735207 00	2.4657667 01	2.9631187 01
3.8000005 02	4.3680007 00	2.2104183 01	2.6472184 01
3.8200005 02	3.8023706 00	1.9585593 01	2.3387963 01
3.8500005 02	3.0904481 00	1.6108698 01	1.9199145 01
3.9000005 02	2.3756198 00	1.1622196 01	1.3997816 01
3.9500005 02	2.1975695 00	8.8950081 00	1.1092578 01
3.9700005 02	2.2222536 00	8.2098818 00	1.0432136 01
4.0000005 02	2.3007085 00	7.4976533 00	9.7983617 00
4.0200005 02	2.3554360 00	7.1794690 00	9.5349050 00
4.0500005 02	2.4098548 00	6.8602252 00	9.2700800 00
4.0600005 02	2.4174370 00	6.7839557 00	9.2013926 00
4.0700005 02	2.4190952 00	6.7188243 00	9.1379194 00
4.1000005 02	2.3932630 00	6.5739119 00	8.9671748 00
4.1100005 02	2.3770202 00	6.5384814 00	8.9155015 00
4.1300005 02	2.3396431 00	6.4823643 00	8.8220074 00
4.1500005 02	2.3051218 00	6.4434118 00	8.7485336 00
4.1600005 02	2.2924845 00	6.4299076 00	8.7223920 00
4.1700005 02	2.2846936 00	6.4203048 00	8.7049984 00
4.1800005 02	2.2829068 00	6.4145942 00	8.6975009 00
4.2000005 02	2.3011645 00	6.4151004 00	8.7162649 00
4.2200005 02	2.3528800 00	6.4328798 00	8.7857597 00
4.2400005 02	2.4381914 00	6.4651767 00	8.9033680 00
4.2500005 02	2.4926778 00	6.4869384 00	8.9796162 00
4.2700005 02	2.6209939 00	6.5400584 00	9.1610522 00
4.2800005 02	2.6924704 00	6.5708858 00	9.2633562 00
4.2900005 02	2.7669902 00	6.6042598 00	9.3712499 00
4.3000005 02	2.8430230 00	6.6399611 00	9.4829841 00
4.3200005 02	2.9932694 00	6.7177331 00	9.7110025 00
4.3400005 02	3.1310402 00	6.8047648 00	9.9358049 00
4.3500005 02	3.1918324 00	6.8524585 00	1.0044291 01
4.3700005 02	3.2924658 00	6.9603706 00	1.0252837 01
4.3800005 02	3.3313626 00	7.0232439 00	1.0354606 01
4.4000005 02	3.3857578 00	7.1747300 00	1.0560488 01
4.4200005 02	3.4137792 00	7.3791385 00	1.0792917 01
4.4400005 02	3.4254024 00	7.6608088 00	1.1086211 01
4.4500005 02	3.4303646 00	7.8420086 00	1.1272373 01
4.4600005 02	3.4371173 00	8.0537143 00	1.1490831 01
4.4800005 02	3.4697289 00	8.5965112 00	1.2066240 01
4.5000005 02	3.5450462 00	9.3257426 00	1.2870789 01
4.5500005 02	4.0775702 00	1.2246523 01	1.6324093 01
4.6000005 02	5.2824978 00	1.6998672 01	2.2281170 01
4.6300005 02	6.3321111 00	2.0674160 01	2.7006270 01
4.6500005 02	7.1260877 00	2.3346194 01	3.0472282 01
4.6600005 02	7.5447237 00	2.4733298 01	3.2278021 01
4.7000005 02	9.2012962 00	3.0151606 01	3.9352902 01
4.7200005 02	9.9522403 00	3.2603729 01	4.2555970 01
4.7500005 02	1.0853041 01	3.5581835 01	4.6434876 01
4.7700005 02	1.1254370 01	3.6956709 01	4.8211079 01
4.7900005 02	1.1465934 01	3.7740797 01	4.9206730 01
4.8000005 02	1.1513131 01	3.7943390 01	4.9456520 01
4.8100005 02	1.1491304 01	3.7932889 01	4.9424192 01
4.8300005 02	1.1334052 01	3.7534015 01	4.8868067 01
4.8500005 02	1.1000668 01	3.6552706 01	4.7553374 01
4.8800005 02	1.0225942 01	3.4126695 01	4.4352636 01
4.9000005 02	9.5899332 00	3.2057637 01	4.1647570 01
4.9200005 02	8.8921536 00	2.9730054 01	3.8622208 01
4.9500005 02	7.8124407 00	2.6018952 01	3.3831392 01
4.9800005 02	6.7785076 00	2.2357163 01	2.9135670 01
5.0000005 02	6.1504009 00	2.0087354 01	2.6237755 01

TABLE X (Continued)

T = 20 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
5.0200005 02	5.5800699 00	1.8013828 01	2.3593898 01
5.0500005 02	4.8329650 00	1.5328315 01	2.0161280 01
5.0700005 02	4.4012675 00	1.3836117 01	1.8237384 01
5.0800005 02	4.2039389 00	1.3181676 01	1.7385615 01
5.1000005 02	3.8338956 00	1.2027159 01	1.5861055 01
5.1200004 02	3.4933467 00	1.1070720 01	1.4564066 01
5.1300005 02	3.3309491 00	1.0656762 01	1.3987711 01
5.1400005 02	3.1742780 00	1.0285952 01	1.3460230 01
5.1500005 02	3.0205306 00	9.9483864 00	1.2968917 01
5.1700005 02	2.7232831 00	9.3704640 00	1.2093747 01
5.1900004 02	2.4369006 00	8.8983415 00	1.1335242 01
5.2000004 02	2.2977557 00	8.6954072 00	1.0993163 01
5.2200005 02	2.0281129 00	8.3431137 00	1.0371227 01
5.2500005 02	1.6507917 00	7.9227222 00	9.5735139 00
5.2700004 02	1.4223813 00	7.6984829 00	9.1208642 00
5.3000004 02	1.1236334 00	7.4279345 00	8.5515679 00
5.3200005 02	9.5847527-01	7.2851590 00	8.2436342 00
5.3500005 02	7.6780088-01	7.1222562 00	7.8900571 00
5.4000005 02	6.1311859-01	6.9869225 00	7.6000411 00
5.4500004 02	6.6356054-01	7.0392097 00	7.7027703 00
5.4800005 02	7.8682521-01	7.1762788 00	7.9631040 00
5.5000005 02	9.0362283-01	7.3155013 00	8.2191241 00
5.5300004 02	1.1234167 00	7.5988518 00	8.7222685 00
5.5500005 02	1.2941078 00	7.8369109 00	9.1310186 00
5.5700005 02	1.4785336 00	8.1116840 00	9.5902175 00
5.5900005 02	1.6710067 00	8.4187098 00	1.0089717 01
5.6000004 02	1.7682632 00	8.5823157 00	1.0350579 01
5.6200005 02	1.9606960 00	8.9246050 00	1.0885301 01
5.6400004 02	2.1444308 00	9.2785927 00	1.1423023 01
5.6500005 02	2.2308323 00	9.4564173 00	1.1687249 01
5.6700004 02	2.3883520 00	9.8058809 00	1.2194233 01
5.7000005 02	2.5748684 00	1.0289776 01	1.2864645 01
5.7400005 02	2.7045612 00	1.0791664 01	1.3496226 01
5.7600005 02	2.7116865 00	1.0956040 01	1.3667727 01
5.7800004 02	2.6795747 00	1.1052057 01	1.3731632 01
5.8100005 02	2.5612161 00	1.1059688 01	1.3620904 01
5.8400005 02	2.3694779 00	1.0905457 01	1.3274935 01
5.8600004 02	2.2094518 00	1.0720698 01	1.2930150 01
5.8800005 02	2.0308891 00	1.0480187 01	1.2511076 01
5.9000005 02	1.8403182 00	1.0194640 01	1.2034958 01
5.9200005 02	1.6441479 00	9.8760244 00	1.1520172 01
5.9500005 02	1.3524000 00	9.3630803 00	1.0715481 01
5.9700004 02	1.1669111 00	9.0149247 00	1.0181836 01
6.0000004 02	9.1189403-01	8.5089434 00	9.4208374 00
6.0500005 02	5.6676346-01	7.7695567 00	8.3363200 00
6.1000005 02	3.2766037-01	7.2090115 00	7.5366718 00
6.1500004 02	1.7951092-01	6.8269530 00	7.0064638 00
6.2000005 02	9.6725325-02	6.5864243 00	6.6831496 00
6.3000004 02	3.5642670-02	6.3532816 00	6.3889242 00
6.4000005 02	2.8201142-02	6.2585977 00	6.2867988 00
6.5000005 02	5.2947292-02	6.2461934 00	6.2991406 00
6.6000005 02	1.6506225-01	6.4633163 00	6.6283785 00
6.6500005 02	2.9200275-01	6.7682052 00	7.0602080 00
6.7000004 02	4.8909194-01	7.2762812 00	7.7653730 00
6.7500005 02	7.6291991-01	8.0171162 00	8.7800361 00
6.7800004 02	9.5947811-01	8.5658414 00	9.5253195 00
6.8000005 02	1.1000538 00	8.9657667 00	1.0065820 01
6.8300005 02	1.3171912 00	9.5954077 00	1.0912599 01
6.8500004 02	1.4609018 00	1.0020873 01	1.1481776 01
6.8800005 02	1.6643904 00	1.0637989 01	1.2302379 01
6.9000005 02	1.7854014 00	1.1016109 01	1.2801510 01
6.9200004 02	1.8898471 00	1.1353089 01	1.3242937 01
6.9400005 02	1.9739479 00	1.1637170 01	1.3611117 01

TABLE X (Continued)

T = 20 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
6.9600004 02	2.0344460 00	1.1857733 01	1.3892179 01
6.9800005 02	2.0692008 00	1.2007201 01	1.4076402 01
7.0000004 02	2.0769392 00	1.2080233 01	1.4157172 01
7.0200005 02	2.0573231 00	1.2074026 01	1.4131350 01
7.0400005 02	2.0113736 00	1.1989717 01	1.4001091 01
7.0600005 02	1.9408514 00	1.1830548 01	1.3771399 01
7.0800005 02	1.8486807 00	1.1603307 01	1.3451988 01
7.1000005 02	1.7383444 00	1.1316558 01	1.3054902 01

TABLE XI

## Mo CROSS SECTIONS

Mo Temperature = 50 ev

Neutron Energy, $E_n$ (ev)	Radiative Capture Cross Section, $\sigma_\gamma$ (barns)	Scattering Cross Section, $\sigma_s$ (barns)	Total Cross Section, $\sigma_T$ (barns)
2.5300005-02	2.7712731 00	2.5806188 01	2.8577461 01
4.0000008-02	2.2045701 00	2.0834375 01	2.3038945 01
5.0000009-02	1.9721765 00	1.8811574 01	2.0783750 01
7.0000008-02	1.6673794 00	1.6181754 01	1.7849133 01
1.0000005-01	1.3957635 00	1.3872505 01	1.5268268 01
2.0000005-01	9.8868532-01	1.0526525 01	1.1515210 01
5.0000005-01	6.2861892-01	7.8345247 00	8.4631436 00
1.0000005 00	4.4852043-01	6.7115879 00	7.1601084 00
2.0000005 00	3.2314606-01	6.0944378 00	6.4175838 00
5.0000005 00	2.1759020-01	5.7030341 00	5.9206243 00
1.0000005 01	1.7561583-01	5.5474862 00	5.7231020 00
1.5000005 01	1.7249227-01	5.4681004 00	5.6405927 00
2.0000005 01	2.0382918-01	5.4039686 00	5.6077978 00
2.5000005 01	5.6954907-01	5.5619690 00	6.1315181 00
3.0000005 01	3.8410721 00	8.0172232 00	1.1858295 01
3.2000005 01	7.4067319 00	1.0856570 01	1.8263302 01
3.4000005 01	1.2775598 01	1.5221291 01	2.7996888 01
3.5000005 01	1.6082441 01	1.7943313 01	3.4025754 01
3.6000005 01	1.9692801 01	2.0939170 01	4.0631970 01
3.7000005 01	2.3471766 01	2.4100699 01	4.7572465 01
3.8000005 01	2.7252113 01	2.7291639 01	5.4543752 01
3.9000005 01	3.0847598 01	3.0357981 01	6.1205578 01
4.0000005 01	3.4069447 01	3.3141517 01	6.7210963 01
4.1000005 01	3.6743233 01	3.5494227 01	7.2237460 01
4.2000005 01	3.8725995 01	3.7292117 01	7.6018111 01
4.3000005 01	3.9918400 01	3.8446071 01	7.8364472 01
4.4000005 01	4.0272780 01	3.8909214 01	7.9181994 01
4.5000005 01	3.9795194 01	3.8678847 01	7.8474041 01
4.6000005 01	3.8542036 01	3.7794531 01	7.6336567 01
4.7000005 01	3.6611917 01	3.6331675 01	7.2943593 01
4.8000005 01	3.4134290 01	3.4392556 01	6.8526846 01
4.9000005 01	3.1256532 01	3.2095495 01	6.3352026 01
5.0000005 01	2.8131040 01	2.9564606 01	5.7695646 01
5.1000005 01	2.4903704 01	2.6919854 01	5.1823558 01
5.2000004 01	2.1704871 01	2.4269397 01	4.5974268 01
5.3000005 01	1.8642896 01	2.1704205 01	4.0347100 01
5.4000005 01	1.5801157 01	1.9295082 01	3.5096240 01
5.5000005 01	1.3237207 01	1.7091971 01	3.0329178 01
5.7000005 01	9.0544082 00	1.3406706 01	2.2461115 01
6.0000005 01	5.0859324 00	9.6796333 00	1.4765566 01
6.2000005 01	3.6776472 00	8.1874028 00	1.1865050 01
6.4000005 01	2.9340818 00	7.2560675 00	1.0190149 01
6.5000005 01	2.7281940 00	6.9417197 00	9.6699137 00
6.6000005 01	2.5947216 00	6.7016779 00	9.2963995 00
6.7000005 01	2.5099486 00	6.5195912 00	9.0295397 00
6.8000005 01	2.4542568 00	6.3819170 00	8.8361738 00
6.9000005 01	2.4120108 00	6.2776856 00	8.6896963 00
7.0000005 01	2.3713224 00	6.1982018 00	8.5695242 00
7.1000005 01	2.3236965 00	6.1367044 00	8.4604010 00
7.2000005 01	2.2636354 00	6.0880397 00	8.3516750 00
7.3000005 01	2.1881976 00	6.0483576 00	8.2365552 00
7.4000005 01	2.0965489 00	6.0148403 00	8.1113892 00
7.5000005 01	1.9895042 00	5.9854749 00	7.9749790 00
7.6000005 01	1.8691028 00	5.9588603 00	7.8279630 00
7.7000004 01	1.7382060 00	5.9340567 00	7.6722625 00
7.8000005 01	1.6001304 00	5.9104561 00	7.5105865 00
8.0000005 01	1.3160062 00	5.8653678 00	7.1813739 00
8.2000005 01	1.0425276 00	5.8224465 00	6.8649741 00
8.4000005 01	7.9955323-01	5.7821873 00	6.5817405 00
9.0000005 01	3.3007640-01	5.6800749 00	6.0101513 00
9.5000005 01	2.2556189-01	5.6352959 00	5.8608577 00
1.0000005 02	4.0929809-01	5.7154921 00	6.1247901 00
1.0500005 02	1.1535305 00	6.1694684 00	7.3229989 00



TABLE XI (Continued)

T = 50 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
1.1000005 02	3.0108153 00	7.4492827 00	1.0460098 01
1.1500005 02	6.4986919 00	1.0003476 01	1.6502168 01
1.2000005 02	1.1413797 01	1.3757354 01	2.5171152 01
1.2200005 02	1.3508805 01	1.5404017 01	2.8912822 01
1.2400005 02	1.5491202 01	1.6993459 01	3.2484661 01
1.2600005 02	1.7218679 01	1.8414911 01	3.5633589 01
1.2800005 02	1.8567227 01	1.9569219 01	3.8136445 01
1.3000005 02	1.9451862 01	2.0383018 01	3.9834879 01
1.3200005 02	1.9780744 01	2.0776916 01	4.0557660 01
1.3400005 02	1.9576627 01	2.0758523 01	4.0335150 01
1.3600005 02	1.8840445 01	2.0319123 01	3.9159568 01
1.3800005 02	1.7660504 01	1.9516887 01	3.7177391 01
1.4000005 02	1.6144597 01	1.8428988 01	3.4573585 01
1.4200005 02	1.4405998 01	1.7139048 01	3.1545046 01
1.4400005 02	1.2563412 01	1.5737619 01	2.8301031 01
1.4600005 02	1.0726949 01	1.4311587 01	2.5038537 01
1.4800005 02	8.9878747 00	1.2935399 01	2.1923273 01
1.5000005 02	7.4076236 00	1.1662565 01	1.9070188 01
1.5200000 02	6.0197422 00	1.0526237 01	1.6545979 01
1.5500005 02	4.3391669 00	9.1243890 00	1.3463556 01
1.5800005 02	3.1031827 00	8.0762310 00	1.1179413 01
1.6000005 02	2.4886156 00	7.5528568 00	1.0041473 01
1.6200005 02	2.0103855 00	7.1485129 00	9.1588985 00
1.6400005 02	1.6383575 00	6.8413896 00	8.4797469 00
1.6600005 02	1.3475693 00	6.6114072 00	7.9589764 00
1.6800005 02	1.1174515 00	6.4410074 00	7.5584589 00
1.7000005 02	9.3183839-01	6.3152963 00	7.2471346 00
1.7200005 02	7.7890312-01	6.2222666 00	7.0011697 00
1.7500005 02	5.9326859-01	6.1243830 00	6.7176516 00
1.8000005 02	3.6658623-01	6.0247615 00	6.3913477 00
1.8500005 02	2.1602306-01	5.9629694 00	6.1789924 00
1.9000005 02	1.2337237-01	5.9179819 00	6.0413542 00
2.0000005 02	4.7943678-02	5.8535332 00	5.9014768 00
2.1000005 02	3.1429735-02	5.8050230 00	5.8364527 00
2.3000005 02	2.7851757-02	5.7260734 00	5.7539252 00
2.4000005 02	3.4777152-02	5.6903874 00	5.7251645 00
2.5000005 02	7.2486065-02	5.6613297 00	5.7338158 00
2.6000005 02	1.9676965-01	5.6544765 00	5.8512461 00
2.7000005 02	4.5362775-01	5.6875048 00	6.1411325 00
2.7500005 02	6.1514989-01	5.7165711 00	6.3317210 00
2.8000005 02	7.6827179-01	5.7459707 00	6.5142425 00
2.8200005 02	8.2032305-01	5.7557647 00	6.5760877 00
2.8400005 02	8.6434310-01	5.7635188 00	6.6278618 00
2.8600005 02	8.9891735-01	5.7687602 00	6.6676775 00
2.8800005 02	9.2308633-01	5.7718018 00	6.6948881 00
2.9000005 02	9.3593125-01	5.7719437 00	6.7078749 00
2.9200005 02	9.3695708-01	5.7685694 00	6.7055265 00
2.9400005 02	9.2625341-01	5.7621658 00	6.6884191 00
2.9600005 02	9.0471518-01	5.7532885 00	6.6580037 00
2.9800005 02	8.7416746-01	5.7428772 00	6.6170446 00
3.0000005 02	8.3544883-01	5.7318011 00	6.5672499 00
3.0300005 02	7.6642949-01	5.7175652 00	6.4839948 00
3.0500005 02	7.1687061-01	5.7129042 00	6.4297748 00
3.1000005 02	5.9717226-01	5.7394430 00	6.3366154 00
3.1200005 02	5.5768494-01	5.7758427 00	6.3335276 00
3.1500005 02	5.1608550-01	5.8743187 00	6.3904041 00
3.2000005 02	5.1304783-01	6.2102838 00	6.7233316 00
3.2500005 02	6.2513387-01	6.8674770 00	7.4926108 00
3.3000005 02	8.8309962-01	7.9752259 00	8.8583255 00
3.3300005 02	1.1162280 00	8.9005378 00	1.0016766 01
3.3500005 02	1.3049663 00	9.6335543 00	1.0938520 01
3.3800005 02	1.6357869 00	1.0905002 01	1.2540789 01
3.4000005 02	1.8851900 00	1.1859453 01	1.3744644 01

TABLE XI (Continued)

T = 50 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_g$ (barns)	$\sigma_T$ (barns)
3.4300005 02	2.2945580 00	1.3425518 01	1.5720076 01
3.4500005 02	2.5845225 00	1.4536643 01	1.7121166 01
3.4700005 02	2.8817942 00	1.5678318 01	1.8560113 01
3.5000005 02	3.3276922 00	1.7395904 01	2.0723596 01
3.5200005 02	3.6152556 00	1.8505765 01	2.2121021 01
3.5400005 02	3.8867065 00	1.9554867 01	2.3441573 01
3.5500005 02	4.0143359 00	2.0047922 01	2.4062258 01
3.5800005 02	4.3553812 00	2.1361287 01	2.5716669 01
3.6000005 02	4.5412036 00	2.2068817 01	2.6610021 01
3.6200005 02	4.6886614 00	2.2618297 01	2.7306959 01
3.6500005 02	4.8318737 00	2.3114928 01	2.7946801 01
3.6700005 02	4.8739864 00	2.3216100 01	2.8090086 01
3.6900005 02	4.8740428 00	2.3131766 01	2.8005808 01
3.7200005 02	4.8007793 00	2.2670925 01	2.7471704 01
3.7500005 02	4.6504552 00	2.1846727 01	2.6497182 01
3.7800005 02	4.4411380 00	2.0722515 01	2.5163653 01
3.8000005 02	4.2784867 00	1.9844541 01	2.4123028 01
3.8200005 02	4.1047942 00	1.8892858 01	2.2997652 01
3.8500005 02	3.8349323 00	1.7381823 01	2.1216756 01
3.9000005 02	3.4039585 00	1.4837015 01	1.8240974 01
3.9500005 02	3.0466129 00	1.2512063 01	1.5558675 01
3.9700005 02	2.9304514 00	1.1689289 01	1.4619741 01
4.0000005 02	2.7906512 00	1.0593559 01	1.3384210 01
4.0200005 02	2.7174247 00	9.9590464 00	1.2676471 01
4.0600005 02	2.6223394 00	8.9224586 00	1.1544798 01
4.1000005 02	2.5843905 00	8.1790460 00	1.0763437 01
4.1300005 02	2.5910955 00	7.7977176 00	1.0388813 01
4.1500005 02	2.6104110 00	7.6205390 00	1.0230950 01
4.1700005 02	2.6402958 00	7.5011081 00	1.0141404 01
4.1800005 02	2.6590906 00	7.4622550 00	1.0121346 01
4.2000005 02	2.7043056 00	7.4253649 00	1.0129670 01
4.2200005 02	2.7596361 00	7.4421338 00	1.0201770 01
4.2400005 02	2.8251680 00	7.5125945 00	1.0337762 01
4.2500005 02	2.8618619 00	7.5683247 00	1.0430187 01
4.2700005 02	2.9432542 00	7.7215288 00	1.0664783 01
4.2800005 02	2.9880725 00	7.8195445 00	1.0807617 01
4.2900005 02	3.0358667 00	7.9326389 00	1.0968505 01
4.3000005 02	3.0865562 00	8.0606692 00	1.1147225 01
4.3200005 02	3.1975462 00	8.3644709 00	1.1562017 01
4.3500005 02	3.3901778 00	8.9460867 00	1.2336264 01
4.3800005 02	3.6168364 00	9.6885843 00	1.3305421 01
4.4000005 02	3.7882458 00	1.0278270 01	1.4066516 01
4.4200005 02	3.9771584 00	1.0945720 01	1.4922878 01
4.4500005 02	4.2940268 00	1.2091870 01	1.6385897 01
4.4800005 02	4.6506388 00	1.3406069 01	1.8056708 01
4.5000005 02	4.9091283 00	1.4366690 01	1.9275818 01
4.5500005 02	5.6134617 00	1.6997986 01	2.2611448 01
4.6000005 02	6.3595230 00	1.9786634 01	2.6146157 01
4.6300005 02	6.7973479 00	2.1421551 01	2.8218899 01
4.6600005 02	7.2053281 00	2.2945905 01	3.0151233 01
4.7000005 02	7.6701702 00	2.4691195 01	3.2361365 01
4.7200005 02	7.8554035 00	2.5396453 01	3.3251857 01
4.7500005 02	8.0633969 00	2.6207791 01	3.4271188 01
4.7700005 02	8.1505426 00	2.6568544 01	3.4719087 01
4.8000005 02	8.1961590 00	2.6816214 01	3.5012372 01
4.8300005 02	8.1380097 00	2.6709240 01	3.4847250 01
4.8500005 02	8.0419735 00	2.6444681 01	3.4486654 01
4.8800005 02	7.8188986 00	2.5783342 01	3.3602240 01
4.9000005 02	7.6209837 00	2.5180366 01	3.2801350 01
4.9200005 02	7.3877085 00	2.4463792 01	3.1851501 01
4.9500005 02	6.9831130 00	2.3216629 01	3.0199742 01
4.9800005 02	6.5259827 00	2.1812291 01	2.8338274 01
5.0000005 02	6.2008091 00	2.0820399 01	2.7021208 01

TABLE XI (Continued)

T = 50 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
5.0500005 02	5.3528178 00	1.8274167 01	2.3626984 01
5.1000005 02	4.5099047 00	1.5822254 01	2.0332158 01
5.1300005 02	4.0308259 00	1.4474175 01	1.8505001 01
5.1500005 02	3.7280081 00	1.3642423 01	1.7370431 01
5.1900004 02	3.1728690 00	1.2165969 01	1.5338837 01
5.2000004 02	3.0455376 00	1.1837184 01	1.4882721 01
5.2200005 02	2.8056152 00	1.1229464 01	1.4035079 01
5.2500005 02	2.4851051 00	1.0442140 01	1.2927245 01
5.2700004 02	2.2974852 00	9.9968585 00	1.2294344 01
5.3000004 02	2.0566952 00	9.4440320 00	1.1500727 01
5.3200005 02	1.9220671 00	9.1468668 00	1.1068934 01
5.3500005 02	1.7599988 00	8.8005188 00	1.0560517 01
5.4000005 02	1.5847521 00	8.4546482 00	1.0039400 01
5.4500004 02	1.5155076 00	8.3461840 00	9.8616916 00
5.4800005 02	1.5146865 00	8.3692547 00	9.8839412 00
5.5000005 02	1.5286182 00	8.4139161 00	9.9425342 00
5.5300004 02	1.5654278 00	8.5149703 00	1.0080398 01
5.5500005 02	1.5972071 00	8.5993630 00	1.0196570 01
5.5700005 02	1.6324540 00	8.6930585 00	1.0325513 01
5.5900005 02	1.6693204 00	8.7925220 00	1.0461843 01
5.6000004 02	1.6878068 00	8.8433458 00	1.0531152 01
5.6200005 02	1.7237749 00	8.9450728 00	1.0668847 01
5.6500005 02	1.7720403 00	9.0918798 00	1.0863920 01
5.6700004 02	1.7981190 00	9.1814852 00	1.0979604 01
5.7000005 02	1.8245180 00	9.2966810 00	1.1121199 01
5.7400005 02	1.8300194 00	9.4025293 00	1.1232549 01
5.7600005 02	1.8187902 00	9.4313451 00	1.1250135 01
5.7800004 02	1.7986255 00	9.4429232 00	1.1241549 01
5.8100005 02	1.7524758 00	9.4268603 00	1.1179336 01
5.8400005 02	1.6850821 00	9.3686172 00	1.1053700 01
5.8600004 02	1.6285281 00	9.3077834 00	1.0936311 01
5.8800005 02	1.5657853 00	9.2311544 00	1.0796940 01
5.9000005 02	1.4982266 00	9.1397568 00	1.0637983 01
5.9200005 02	1.4239815 00	9.0338829 00	1.0457864 01
5.9500005 02	1.3045577 00	8.8533856 00	1.0157943 01
5.9700004 02	1.2233157 00	8.7220762 00	9.9453919 00
6.0000004 02	1.0966036 00	8.5116670 00	9.6082706 00
6.0500005 02	8.9057924-01	8.1463182 00	9.0368975 00
6.1000005 02	7.0045014-01	7.7871913 00	8.4876415 00
6.1500004 02	5.3617512-01	7.4587811 00	7.9949562 00
6.2000005 02	4.0295327-01	7.1786138 00	7.5815670 00
6.3000004 02	2.3930190-01	6.8048817 00	7.0441836 00
6.4000005 02	2.0650707-01	6.7102353 00	6.9167424 00
6.5000005 02	2.9372188-01	6.9138836 00	7.2076054 00
6.6000005 02	4.8839863-01	7.4185038 00	7.9069024 00
6.6500005 02	6.1787443-01	7.7693703 00	8.3872447 00
6.7000004 02	7.6057692-01	8.1660274 00	8.9266043 00
6.7500005 02	9.0731567-01	8.5835414 00	9.4908570 00
6.7800004 02	9.9286023-01	8.8315573 00	9.8244175 00
6.8000005 02	1.0472963 00	8.9913317 00	1.0038628 01
6.8300005 02	1.1231648 00	9.2170391 00	1.0340204 01
6.8500004 02	1.1689584 00	9.3552304 00	1.0524189 01
6.8800005 02	1.2286661 00	9.5385306 00	1.0767197 01
6.9000005 02	1.2615714 00	9.6417928 00	1.0903364 01
6.9200004 02	1.2884152 00	9.7280619 00	1.1016477 01
6.9600004 02	1.3223508 00	9.8439074 00	1.1166258 01
7.0000004 02	1.3286443 00	9.8783786 00	1.1207023 01
7.0400005 02	1.3069420 00	9.8279722 00	1.1134914 01
7.0800005 02	1.2588197 00	9.6949017 00	1.0953722 01
7.1000005 02	1.2259008 00	9.5996888 00	1.0825590 01

TABLE XII

## Mo CROSS SECTIONS

Mo Temperature = 100 ev

Neutron Energy, $E_n$ (ev)	Radiative Capture Cross Section, $\sigma_\gamma$ (barns)	Scattering Cross Section, $\sigma_s$ (barns)	Total Cross Section, $\sigma_T$ (barns)
2.5300005-02	2.8109312 00	3.5919916 01	3.8730847 01
4.0000008-02	2.2361744 00	2.8824617 01	3.1060792 01
5.0000009-02	2.0004826 00	2.5926181 01	2.7926663 01
7.0000008-02	1.6913643 00	2.2141029 01	2.3832394 01
1.0000005-01	1.4159073 00	1.8792344 01	2.0208252 01
2.0000005-01	1.0031052 00	1.3857605 01	1.4860710 01
5.0000005-01	6.3807916-01	9.7019113 00	1.0339991 01
1.0000005 00	4.5563152-01	7.8227523 00	8.2783837 00
2.0000005 00	3.2884133-01	6.6978848 00	7.0267261 00
5.0000005 00	2.2295304-01	5.9442676 00	6.1672205 00
1.0000005 01	1.8393534-01	5.6604071 00	5.8443425 00
1.5000005 01	2.3293799-01	5.5687326 00	5.8016706 00
2.0000005 01	7.9603440-01	5.8935996 00	6.6896340 00
2.5000005 01	3.5151632 00	7.9686705 00	1.1483834 01
3.0000005 01	1.0418304 01	1.3552430 01	2.3970734 01
3.2000005 01	1.4255326 01	1.6725358 01	3.0980684 01
3.4000005 01	1.8314489 01	2.0123169 01	3.8437657 01
3.5000005 01	2.0303133 01	2.1804291 01	4.2107424 01
3.6000005 01	2.2193332 01	2.3414223 01	4.5607556 01
3.7000005 01	2.3933268 01	2.4909099 01	4.8842366 01
3.8000005 01	2.5475389 01	2.6248371 01	5.1723759 01
3.9000005 01	2.6778681 01	2.7396346 01	5.4175026 01
4.0000005 01	2.7810479 01	2.8323982 01	5.6134460 01
4.2000005 01	2.8977704 01	2.9441625 01	5.8419329 01
4.4000005 01	2.8916982 01	2.9532917 01	5.8449899 01
4.5000005 01	2.8450651 01	2.9208466 01	5.7659117 01
4.6000005 01	2.7723724 01	2.8659567 01	5.6383291 01
4.8000005 01	2.5614873 01	2.6987393 01	5.2602266 01
5.0000005 01	2.2877778 01	2.4745822 01	4.7623600 01
5.1000005 01	2.1369155 01	2.3489698 01	4.4858853 01
5.2000004 01	1.9815991 01	2.2184007 01	4.1999998 01
5.3000005 01	1.8251432 01	2.0856815 01	3.9108247 01
5.4000005 01	1.6704846 01	1.9533378 01	3.6238223 01
5.5000005 01	1.5201323 01	1.8235688 01	3.3437011 01
5.7000005 01	1.2400902 01	1.5787535 01	2.8188437 01
6.0000005 01	8.8910595 00	1.2652860 01	2.1543919 01
6.2000005 01	7.0576907 00	1.0980159 01	1.8037850 01
6.4000005 01	5.6062854 00	9.6369079 00	1.5243193 01
6.5000005 01	5.0084933 00	9.0794679 00	1.4087961 01
6.6000005 01	4.4859618 00	8.5912449 00	1.3077207 01
6.8000005 01	3.6348140 00	7.7989220 00	1.1433736 01
7.0000005 01	2.9911627 00	7.2122882 00	1.0203451 01
7.2000005 01	2.5017696 00	6.7873618 00	9.2891313 00
7.4000005 01	2.1198526 00	6.4825334 00	8.6023860 00
7.5000005 01	1.9590462 00	6.3651744 00	8.3242205 00
7.6000005 01	1.8141157 00	6.2666496 00	8.0807653 00
7.8000005 01	1.5629696 00	6.1152523 00	7.6782218 00
8.0000005 01	1.3539617 00	6.0108329 00	7.3647947 00
8.2000005 01	1.1817705 00	5.9419280 00	7.1236985 00
8.4000005 01	1.0463624 00	5.9021345 00	6.9484970 00
9.0000005 01	9.1115211-01	5.9518254 00	6.8629775 00
9.5000005 01	1.2378098 00	6.2563514 00	7.4941612 00
1.0000005 02	2.1339848 00	6.9361394 00	9.0701241 00
1.0500005 02	3.7190769 00	8.1127295 00	1.1831806 01
1.1000005 02	5.9670904 00	9.8035112 00	1.5770602 01
1.1500005 02	8.6278396 00	1.1849219 01	2.0477058 01
1.2000005 02	1.1235221 01	1.3909875 01	2.5145096 01
1.2200005 02	1.2137726 01	1.4641887 01	2.6779613 01
1.2400005 02	1.2908893 01	1.5280454 01	2.8189346 01
1.2600005 02	1.3520477 01	1.5802185 01	2.9322662 01
1.2800005 02	1.3951272 01	1.6188765 01	3.0140037 01
1.3000005 02	1.4187942 01	1.6427697 01	3.0615639 01
1.3200005 02	1.4225857 11	1.6513177 01	3.0739034 01

TABLE XII (Continued)

T = 100 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
1.3400005 02	1.4069172 01	1.6446191 01	3.0515361 01
1.3600005 02	1.3729125 01	1.6233485 01	2.9962609 01
1.3800005 02	1.3224933 01	1.5888184 01	2.9113117 01
1.4000005 02	1.2580345 01	1.5427491 01	2.8007836 01
1.4200005 02	1.1822816 01	1.4871852 01	2.6694668 01
1.4400005 02	1.0981662 01	1.4243688 01	2.5225349 01
1.4600005 02	1.0086298 01	1.3565965 01	2.3652263 01
1.4800005 02	9.1648359 00	1.2861039 01	2.2025875 01
1.5000005 02	8.2425064 00	1.2149342 01	2.0391848 01
1.5200000 02	7.3410947 00	1.1448947 01	1.8790042 01
1.5500005 02	6.0661623 00	1.0451714 01	1.6517876 01
1.5800005 02	4.9200091 00	9.5504117 00	1.4470420 01
1.6000005 02	4.2392776 00	9.0139348 00	1.3253212 01
1.6200005 02	3.6284614 00	8.5325791 00	1.2161041 01
1.6400005 02	3.0871460 00	8.1067382 00	1.1193884 01
1.6600005 02	2.6127671 00	7.7348873 00	1.0347654 01
1.6800005 02	2.2012282 00	7.4140969 00	9.6153251 00
1.7000005 02	1.8473414 00	7.1403863 00	8.9877277 00
1.7500005 02	1.1769327 00	6.6314270 00	7.8083596 00
1.8000005 02	7.4167563-01	6.3132418 00	7.0549174 00
1.8500005 02	4.6558680-01	6.1201406 00	6.5857274 00
1.9000005 02	2.9277674-01	6.0031545 00	6.2959312 00
2.0000005 02	1.2003567-01	5.8808980 00	6.0009336 00
2.3000005 02	5.1930486-02	5.7338420 00	5.7857724 00
2.4000005 02	9.3815564-02	5.7063607 00	5.8001762 00
2.5000005 02	1.8193758-01	5.6921763 00	5.8741139 00
2.6000005 02	3.2119642-01	5.6949915 00	6.0161879 00
2.7000005 02	4.8803532-01	5.7133884 00	6.2014237 00
2.7500005 02	5.6694876-01	5.7288078 00	6.2957565 00
2.8000005 02	6.3441711-01	5.7514892 00	6.3859063 00
2.8400005 02	6.7734695-01	5.7791294 00	6.4564763 00
2.8800005 02	7.0992580-01	5.8213573 00	6.5312831 00
2.9200005 02	7.3379817-01	5.8868152 00	6.6206133 00
2.9600005 02	7.5231407-01	5.9871564 00	6.7394704 00
3.0000005 02	7.7103424-01	6.1371823 00	6.9082165 00
3.0500005 02	8.0555165-01	6.4213008 00	7.2268524 00
3.1000005 02	8.6708213-01	6.8474210 00	7.7145032 00
3.1200005 02	9.0277524-01	7.0657155 00	7.9684908 00
3.1500005 02	9.7103116-01	7.4507660 00	8.4217972 00
3.2000005 02	1.1302278 00	8.2585509 00	9.3887786 00
3.2500005 02	1.3510392 00	9.2792687 00	1.0630308 01
3.3000005 02	1.6327715 00	1.0498462 01	1.2131233 01
3.3300005 02	1.8273693 00	1.1308048 01	1.3135416 01
3.3500005 02	1.9656297 00	1.1871368 01	1.3836997 01
3.3800005 02	2.1825420 00	1.2738745 01	1.4921286 01
3.4000005 02	2.3314012 00	1.3323372 01	1.5654773 01
3.4300005 02	2.5565678 00	1.4192172 01	1.6748739 01
3.4500005 02	2.7055456 00	1.4756149 01	1.7461694 01
3.4700005 02	2.8513001 00	1.5298774 01	1.8150074 01
3.5000005 02	3.0604260 00	1.6058437 01	1.9118863 01
3.5200005 02	3.1911228 00	1.6518949 01	1.9710072 01
3.5400005 02	3.3129487 00	1.6934387 01	2.0247335 01
3.5500005 02	3.3699425 00	1.7123342 01	2.0493284 01
3.5800005 02	3.5241539 00	1.7608134 01	2.1132288 01
3.6000005 02	3.6118904 00	1.7858654 01	2.1470544 01
3.6500005 02	3.7717694 00	1.8202291 01	2.1974060 01
3.6900005 02	3.8382440 00	1.8183340 01	2.2021584 01
3.7200005 02	3.8536384 00	1.8002038 01	2.1855677 01
3.7500005 02	3.8419017 00	1.7688733 01	2.1530635 01
3.7800005 02	3.8069626 00	1.7258329 01	2.1065291 01
3.8000005 02	3.7726526 00	1.6915549 01	2.0688201 01
3.8500005 02	3.6590884 00	1.5908538 01	1.9567626 01
3.9000005 02	3.5244148 00	1.4773267 01	1.8297682 01

TABLE XII (Continued)

T = 100 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
3.9500005 02	3.3923195 00	1.3619842 01	1.7012161 01
4.0000005 02	3.2837438 00	1.2550329 01	1.5834073 01
4.0200005 02	3.2510411 00	1.2166162 01	1.5417203 01
4.0600005 02	3.2088218 00	1.1498242 01	1.4707064 01
4.1000005 02	3.2023823 00	1.0990604 01	1.4192987 01
4.1500005 02	3.2524810 00	1.0619355 01	1.3871836 01
4.1800005 02	3.3127765 00	1.0541197 01	1.3853974 01
4.2000005 02	3.3674375 00	1.0555310 01	1.3922748 01
4.2200005 02	3.4331140 00	1.0621074 01	1.4054188 01
4.2500005 02	3.5529969 00	1.0819260 01	1.4372257 01
4.2800005 02	3.6939353 00	1.1123811 01	1.4817746 01
4.3000005 02	3.8011906 00	1.1389328 01	1.5190518 01
4.3200005 02	3.9178323 00	1.1700101 01	1.5617933 01
4.3500005 02	4.1031255 00	1.2230006 01	1.6333131 01
4.4000005 02	4.4541610 00	1.3315335 01	1.7769497 01
4.4500005 02	4.8357246 00	1.4575310 01	1.9411035 01
4.5000005 02	5.2252312 00	1.5924064 01	2.1149295 01
4.5500005 02	5.6000275 00	1.7273443 01	2.2873471 01
4.6000005 02	5.9355554 00	1.8530763 01	2.4466318 01
4.6300005 02	6.1113522 00	1.9214453 01	2.5325805 01
4.6600005 02	6.2570645 00	1.9808136 01	2.6065200 01
4.7000005 02	6.3938046 00	2.0420772 01	2.6814577 01
4.7200005 02	6.4491011 00	2.0685443 01	2.7134544 01
4.7500005 02	6.4916686 00	2.0953896 01	2.7445565 01
4.8000005 02	6.4874793 00	2.1155125 01	2.7642605 01
4.8500005 02	6.3559396 00	2.0954332 01	2.7310272 01
4.9000005 02	6.1385686 00	2.0475851 01	2.6614419 01
4.9500005 02	5.8233393 00	1.9683248 01	2.5506588 01
5.0000005 02	5.4453233 00	1.8694205 01	2.4139529 01
5.0500005 02	5.0096063 00	1.7523731 01	2.2533337 01
5.1000005 02	4.5635564 00	1.6319287 01	2.0882843 01
5.1500005 02	4.1073461 00	1.5087754 01	1.9195100 01
5.2000004 02	3.6682802 00	1.3906877 01	1.7575157 01
5.2200005 02	3.5070488 00	1.3476623 01	1.6983671 01
5.2500005 02	3.2674822 00	1.2840731 01	1.6108214 01
5.2700004 02	3.1229365 00	1.2461281 01	1.5584217 01
5.3000004 02	2.9129667 00	1.1912498 01	1.4825464 01
5.3200005 02	2.7861477 00	1.1585793 01	1.4371941 01
5.3500005 02	2.6088472 00	1.1132794 01	1.3741640 01
5.4000005 02	2.3561538 00	1.0503458 01	1.2859612 01
5.4500004 02	2.1520830 00	1.0016079 01	1.2168162 01
5.4800005 02	2.0503226 00	9.7843524 00	1.1834675 01
5.5000005 02	1.9905523 00	9.6529721 00	1.1643524 01
5.5300004 02	1.9110266 00	9.4869019 00	1.1397928 01
5.5500005 02	1.8633073 00	9.3917618 00	1.1255069 01
5.5700005 02	1.8206079 00	9.3118929 00	1.1132501 01
5.5900005 02	1.7804748 00	9.2404655 00	1.1020940 01
5.6000004 02	1.7612912 00	9.2076986 00	1.0968990 01
5.6200005 02	1.7254035 00	9.1497601 00	1.0875164 01
5.6500005 02	1.6750689 00	9.0752638 00	1.0750333 01
5.6700004 02	1.6426796 00	9.0304697 00	1.0673149 01
5.7000005 02	1.5959725 00	8.9708476 00	1.0566820 01
5.7400005 02	1.5332522 00	8.8951648 00	1.0428417 01
5.7600005 02	1.5013957 00	8.8576985 00	1.0359094 01
5.7800004 02	1.4688810 00	8.8194886 00	1.0288370 01
5.8100005 02	1.4180842 00	8.7585361 00	1.0176620 01
5.8400005 02	1.3648857 00	8.6927290 00	1.0057614 01
5.8600004 02	1.3280490 00	8.6457925 00	9.9738414 00
5.8800005 02	1.2901465 00	8.5960994 00	9.8862458 00
5.9000005 02	1.2512354 00	8.5437832 00	9.7950186 00
5.9200005 02	1.2113476 00	8.4888152 00	9.7001629 00
5.9500005 02	1.1502793 00	8.4021211 00	9.5524004 00
5.9700004 02	1.1089371 00	8.3418887 00	9.4508257 00

TABLE XII (Continued)

T = 100 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
6.0000004 02	1.0465008 00	8.2487117 00	9.2952125 00
6.0500005 02	9.4346887-01	8.0900623 00	9.0335311 00
6.1000005 02	8.4520689-01	7.9344055 00	8.7796123 00
6.1500004 02	7.5571649-01	7.7906578 00	8.5463742 00
6.2000005 02	6.7857104-01	7.6673305 00	8.3459015 00
6.3000004 02	5.7199758-01	7.5103936 00	8.0823911 00
6.4000005 02	5.3819723-01	7.5040316 00	8.0422289 00
6.5000005 02	5.7339216-01	7.6506920 00	8.2240841 00
6.6000005 02	6.5955430-01	7.9158035 00	8.5753578 00
6.6500005 02	7.1345279-01	8.0731224 00	8.7865751 00
6.7000004 02	7.6933681-01	8.2335505 00	9.0028871 00
6.7500005 02	8.2319541-01	8.3864863 00	9.2096816 00
6.7800004 02	8.5298009-01	8.4702751 00	9.3232551 00
6.8000005 02	8.7136891-01	8.5216061 00	9.3929750 00
6.8300005 02	8.9605345-01	8.5898434 00	9.4858969 00
6.8500004 02	9.1035456-01	8.6288143 00	9.5391687 00
6.8800005 02	9.2830013-01	8.6765662 00	9.6048662 00
6.9000005 02	9.3764566-01	8.7004450 00	9.6380906 00
6.9200004 02	9.4480966-01	8.7176254 00	9.6624349 00
6.9600004 02	9.5226628-01	8.7307805 00	9.6830467 00
7.0000004 02	9.5012480-01	8.7142161 00	9.6643409 00

TABLE XIII  
Mo CROSS SECTIONS  
Mo Temperature = 200 ev

Neutron Energy, $E_n$ (ev)	Radiative Capture Cross Section, $\sigma_\gamma$ (barns)	Scattering Cross Section, $\sigma_s$ (barns)	Total Cross Section, $\sigma_T$ (barns)
2.5300005-02	2.9036211 00	5.0231842 01	5.3135463 01
4.0000008-02	2.3100684 00	4.0168652 01	4.2478720 01
5.0000009-02	2.0666767 00	3.6049349 01	3.8116025 01
7.0000008-02	1.7474860 00	3.0657623 01	3.2405109 01
1.0000005-01	1.4630774 00	2.5869240 01	2.7332317 01
2.0000005-01	1.0369593 00	1.8749974 01	1.9786933 01
5.0000005-01	6.6045504-01	1.2600212 01	1.3260667 01
1.0000005 00	4.7267613-01	9.6748524 00	1.0147529 01
2.0000005 00	3.4292344-01	7.7954726 00	8.1383960 00
5.0000005 00	2.5034566-01	6.4261318 00	6.6764774 00
1.0000005 01	4.4324073-01	6.0701248 00	6.5133656 00
1.5000005 01	1.5583163 00	6.7516362 00	8.3099524 00
2.0000005 01	4.4635661 00	8.9873968 00	1.3450963 01
2.5000005 01	9.2976714 00	1.2899150 01	2.2196821 01
3.0000005 01	1.4897018 01	1.7547596 01	3.2444614 01
3.2000005 01	1.6927372 01	1.9260103 01	3.6187474 01
3.4000005 01	1.8660719 01	2.0737143 01	3.9397862 01
3.5000005 01	1.9387085 01	2.1361969 01	4.0749055 01
3.8000005 01	2.0912076 01	2.2697339 01	4.3609415 01
4.0000005 01	2.1348449 01	2.3102912 01	4.4451362 01
4.2000005 01	2.1325635 01	2.3119897 01	4.4445532 01
4.4000005 01	2.0879644 01	2.2774685 01	4.3654328 01
4.6000005 01	2.0067489 01	2.2112348 01	4.2179838 01
5.0000005 01	1.7633995 01	2.0073752 01	3.7707746 01
5.2000004 01	1.6166141 01	1.8826837 01	3.4992978 01
5.4000005 01	1.4626240 01	1.7510062 01	3.2136303 01
5.7000005 01	1.2314505 01	1.5520804 01	2.7835309 01
6.0000005 01	1.0139428 01	1.3639458 01	2.3778886 01
6.5000005 01	7.0742003 00	1.0982263 01	1.8056463 01
7.0000005 01	4.8433711 00	9.0584170 00	1.3901788 01
7.5000005 01	3.4110126 00	7.8436566 00	1.1254669 01
8.0000005 01	2.6626111 00	7.2289777 00	9.8915888 00
8.4000005 01	2.4826108 00	7.0930186 00	9.5756294 00
9.0000005 01	2.8086104 00	7.3731117 00	1.0181722 01
9.5000005 01	3.5471874 00	7.9717286 00	1.1518916 01
1.0000005 02	4.6197349 00	8.8264867 00	1.3446222 01
1.0500005 02	5.9104012 00	9.8498949 00	1.5760296 01
1.1000005 02	7.2619334 00	1.0925398 01	1.8187332 01
1.1500005 02	8.5164950 00	1.1934448 01	2.0450943 01
1.2000005 02	9.5100929 00	1.2751636 01	2.2261730 01
1.2600005 02	1.0195118 01	1.3349685 01	2.3544802 01
1.3000005 02	1.0302412 01	1.3480898 01	2.3783310 01
1.3200005 02	1.0243280 01	1.3458874 01	2.3702153 01
1.3600005 02	9.9361317 00	1.3266822 01	2.3202954 01
1.4000005 02	9.3899797 00	1.2884926 01	2.2274906 01
1.4600005 02	8.2448331 00	1.2049211 01	2.0294044 01
1.5000005 02	7.3512359 00	1.1383187 01	1.8734423 01
1.5500005 02	6.1774292 00	1.0498505 01	1.6675934 01
1.6000005 02	5.0295869 00	9.6266459 00	1.4656233 01
1.6600005 02	3.7874690 00	8.6781951 00	1.2465664 01
1.7000005 02	3.0683685 00	8.1276392 00	1.1196008 01
1.7500005 02	2.3074799 00	7.5444100 00	9.8518899 00
1.8000005 02	1.6990646 00	7.0776196 00	8.7766841 00
1.8500005 02	1.2274687 00	6.7153108 00	7.9427795 00
1.9000005 02	8.7385800-01	6.4424301 00	7.3162881 00
2.0000005 02	4.3348669-01	6.0953358 00	6.5288225 00
2.1500005 02	1.7753763-01	5.8612577 00	6.0387953 00
2.3000005 02	1.5461938-01	5.7752815 00	5.9299008 00
2.4000005 02	2.0424269-01	5.7563572 00	5.9605998 00
2.5000005 02	2.8613592-01	5.7678825 00	6.0540184 00
2.6000005 02	3.8955861-01	5.8276723 00	6.2172309 00
2.7000005 02	5.0875205-01	5.9735337 00	6.4822858 00
2.7500005 02	5.7434994-01	6.0962653 00	6.6706151 00



TABLE XIII (Continued)

T = 200 ev

$E_n$ (ev)	$\sigma_\gamma$ (barns)	$\sigma_S$ (barns)	$\sigma_T$ (barns)
2.8000005 02	6.4504587-01	6.2638917 00	6.9089374 00
2.8800005 02	7.7312629-01	6.6489959 00	7.4221221 00
2.9200005 02	8.4677346-01	6.9051795 00	7.7519530 00
3.0000005 02	1.0189142 00	7.5615300 00	8.5804441 00
3.0500005 02	1.1465397 00	8.0732015 00	9.2197411 00
3.1000005 02	1.2912998 00	8.6612756 00	9.9525753 00
3.1500005 02	1.4524544 00	9.3155504 00	1.0768005 01
3.2000005 02	1.6288744 00	1.0022825 01	1.1651699 01
3.2500005 02	1.8176584 00	1.0763753 01	1.2581411 01
3.3000005 02	2.0148154 00	1.1514701 01	1.3529516 01
3.3300005 02	2.1349469 00	1.1959047 01	1.4093994 01
3.3500005 02	2.2152097 00	1.2249033 01	1.4464242 01
3.4000005 02	2.4132235 00	1.2939093 01	1.5352316 01
3.4500005 02	2.6033538 00	1.3558480 01	1.6161833 01
3.5000005 02	2.7801685 00	1.4084024 01	1.6864193 01
3.5500005 02	2.9401054 00	1.4498329 01	1.7438434 01
3.6000005 02	3.0799962 00	1.4790636 01	1.7870632 01
3.6500005 02	3.1987027 00	1.4958364 01	1.8157067 01
3.6900005 02	3.2792001 00	1.5006588 01	1.8285788 01
3.7500005 02	3.3782922 00	1.4951622 01	1.8329914 01
3.8000005 02	3.4453244 00	1.4811496 01	1.8256820 01
3.8500005 02	3.5036307 00	1.4612723 01	1.8116353 01
3.9000005 02	3.5579452 00	1.4384306 01	1.7942251 01
3.9500005 02	3.6151886 00	1.4156208 01	1.7771396 01
4.0000005 02	3.6795053 00	1.3956446 01	1.7635951 01
4.1000005 02	3.8462848 00	1.3737343 01	1.7583628 01
4.1500005 02	3.9542690 00	1.3751324 01	1.7705593 01
4.2000005 02	4.0783772 00	1.3858072 01	1.7936449 01
4.2500005 02	4.2172570 00	1.4057450 01	1.8274707 01
4.3000005 02	4.3667529 00	1.4339258 01	1.8706011 01
4.3500005 02	4.5231507 00	1.4691452 01	1.9214603 01
4.4000005 02	4.6797672 00	1.5092253 01	1.9772020 01
4.4500005 02	4.8302402 00	1.5519108 01	2.0349348 01
4.5000005 02	4.9674762 00	1.5947289 01	2.0914765 01
4.5500005 02	5.0848851 00	1.6351366 01	2.1436251 01
4.6000005 02	5.1765283 00	1.6707520 01	2.1884048 01
4.7000005 02	5.2624182 00	1.7194642 01	2.2457060 01
4.7500005 02	5.2498367 00	1.7295106 01	2.2544943 01
4.8000005 02	5.1992684 00	1.7291718 01	2.2490987 01
4.8500005 02	5.1105463 00	1.7179139 01	2.2289685 01
4.9000005 02	4.9867569 00	1.6964418 01	2.1951175 01
4.9500005 02	4.8304642 00	1.6653523 01	2.1483987 01
5.0000005 02	4.6463371 00	1.6257793 01	2.0904130 01
5.1000005 02	4.2155713 00	1.5274203 01	1.9489775 01
5.2000004 02	3.7405242 00	1.4144388 01	1.7884911 01
5.2500005 02	3.4989225 00	1.3564183 01	1.7063106 01
5.3000004 02	3.2609687 00	1.2992014 01	1.6252983 01
5.3500005 02	3.0296274 00	1.2439086 01	1.5468713 01
5.4000005 02	2.8094909 00	1.1915775 01	1.4725265 01
5.4500004 02	2.6005271 00	1.1426201 01	1.4026728 01
5.5000005 02	2.4054468 00	1.0976339 01	1.3381786 01
5.5500005 02	2.2233258 00	1.0566032 01	1.2789357 01
5.6000004 02	2.0562687 00	1.0197648 01	1.2253917 01
5.6500005 02	1.9024917 00	9.8688633 00	1.1771355 01
5.7000005 02	1.7615680 00	9.5773113 00	1.1338880 01
5.7800004 02	1.5613454 00	9.1818294 00	1.0743175 01
5.8400005 02	1.4295941 00	8.9359469 00	1.0365541 01
5.9000005 02	1.3121267 00	8.7278411 00	1.0039968 01
5.9500005 02	1.2244937 00	8.5802260 00	9.8047197 00
6.0000004 02	1.1455920 00	8.4536097 00	9.5992017 00

TABLE XIV  
 Mo CROSS SECTIONS  
 Mo Temperature = 500 ev

Neutron Energy, $E_n$ (ev)	Radiative Capture Cross Section, $\sigma_\gamma$ (barns)	Scattering Cross Section, $\sigma_s$ (barns)	Total Cross Section, $\sigma_T$ (barns)
5.0000005-01	1.9833461 00	1.9554259 01	2.1537605 01
1.0000005 00	1.7409548 00	1.4646737 01	1.6387692 01
5.0000005 00	2.8744231 00	9.7940641 00	1.2668487 01
1.0000005 01	5.5250949 00	1.0884801 01	1.6409896 01
1.5000005 01	8.5601672 00	1.3001562 01	2.1561730 01
2.0000005 01	1.1368584 01	1.5141613 01	2.6510197 01
3.0000005 01	1.4745247 01	1.7786452 01	3.2531698 01
3.5000005 01	1.5071230 01	1.8013949 01	3.3085178 01
4.0000005 01	1.4619426 01	1.7598422 01	3.2217849 01
4.6000005 01	1.3358926 01	1.6499594 01	2.9858520 01
5.0000005 01	1.2274083 01	1.5561363 01	2.7835446 01
6.5000005 01	8.2898216 00	1.2114234 01	2.0404056 01
8.0000005 01	6.3207178 00	1.0377474 01	1.6698192 01
8.4000005 01	6.1736645 00	1.0237252 01	1.6410916 01
9.0000005 01	6.1679761 00	1.0213052 01	1.6381028 01
1.1000005 02	6.8764615 00	1.0808886 01	1.7685347 01
1.2600005 02	6.9390332 00	1.0947084 01	1.7886118 01
1.3000005 02	6.8051118 00	1.0866236 01	1.7671347 01
1.3600005 02	6.4970813 00	1.0660238 01	1.7157319 01
1.4000005 02	6.2287905 00	1.0472496 01	1.6701287 01
1.7500005 02	3.0603585 00	8.1178439 00	1.1178203 01
2.1500005 02	9.0065878-01	6.4861945 00	7.3868533 00
2.3000005 02	6.6827466-01	6.3990802 00	7.0673548 00
2.4000005 02	6.3102060-01	6.4910730 00	7.1220935 00
3.0000005 02	1.4960696 00	9.3245756 00	1.0820646 01
3.5000005 02	2.7559444 00	1.2673866 01	1.5429810 01
4.0000005 02	3.8071656 00	1.4504106 01	1.8311272 01
4.5000005 02	4.2429672 00	1.5020188 01	1.9263155 01
4.7500005 02	4.0980053 00	1.4691273 01	1.8789278 01
5.0000005 02	3.7111535 00	1.3898609 01	1.7609763 01

