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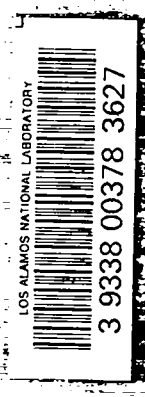
Fission Cross Sections from Pommard



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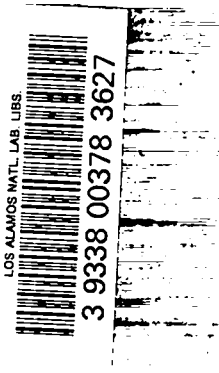
Report by

P. A. Seeger



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FISSION CROSS SECTIONS FROM POMMARD

by

P. A. Seeger

ABSTRACT

Neutron-induced fission cross sections measured by Los Alamos Scientific Laboratory Groups P-3 and W-8 on the Pommard event of March 15, 1968, are plotted and given in numerical tables. The isotopes ^{232}U, ^{233}U, ^{235}U, ^{236}U, ^{237}U, ^{238}Pu, ^{242}Pu, ^{243}Am, and ^{243}Cm are included. The names of the authors to be referenced are given with each isotope. This report is not to be used as a reference without the permission of the individual workers.

I. INTRODUCTION

The experimental arrangement and data-reduction programs have been described[1,2,3] in previous laboratory reports and publications, and will not be repeated here. The flight path for Pommard was 214.43 m and recordings were made with resolutions of 0.2 and 1 μsec.

A malfunction of every amplifier at 50 μsec after the burst, presumably triggered by electromagnetic noise, caused a calibration signal to be overwritten on every signal. For most amplifiers, there apparently was also a shift in the operating point of the amplifier input stage that led to considerable uncertainty in the base lines following this "catastrophe." Essentially all data from 100 keV to about 10 keV (the lower limit being different for each signal) were lost.

Backgrounds were measured by detectors viewing blank stainless steel target backings. Only the high-energy, high-resolution background recordings were used because the base-line uncertainty at low energies was greater than the signals. Figure 1 shows the four backgrounds, 55 and 90° in each of the two neutron beams used, which have been normalized to a standard solid angle of 0.2816 sr.

Flux at high energies was taken from a single recording from a ^{235}U foil, referenced to the $\sigma_{n,f}$ cross-section evaluation of Davey.[4] Table I gives the values used for the 55° cross section. The

TABLE I

REFERENCE CROSS SECTION, ^{235}U

E (MeV)	σ (barn)
3.01	1.18
2.73	1.21
2.47	1.26
2.23	1.31
2.02	1.31
1.83	1.28
1.65	1.25
1.50	1.23
1.35	1.22
1.22	1.22
1.11	1.22
1.00	1.22
0.907	1.21
0.821	1.18
0.783	1.15
0.672	1.13

other three signals were either lost or were too faint on film to read accurately. From 1 keV down, an average of three readings of a 55° signal and one reading of a 90° signal on ^{6}Li was used, taking the $^{6}Li(n,\alpha t)$ cross section to have 1/v dependence, with a value 940.3 ± 1.6 b at 2200 m/sec. From 35 eV to 10 eV, the ^{6}Li signal was too small to be reliable. Integrals over ^{235}U fission resonances were compared to a recent measurement[5] so as to normalize the flux. Interpolation between 100 keV and 1 keV was by comparison to previous experiments (see Figs. 2 and 3 of Ref. 2). The Pommard flux is shown in Fig. 2. The correlated or systematic uncertainty in this flux determination is ±2.9% in the low-energy region and ±4.8% in the high-energy region.

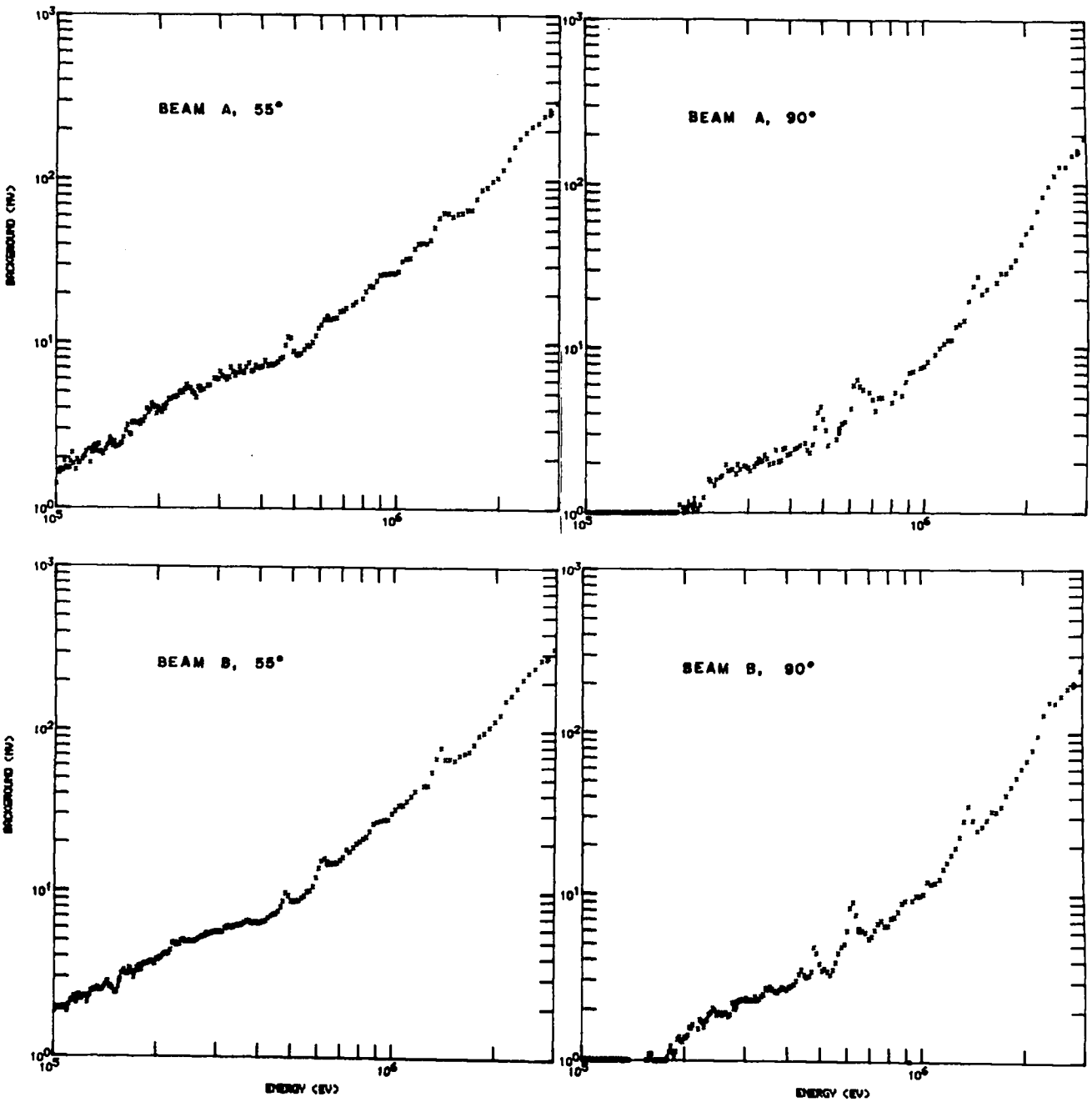

Fig. 1. High-energy background signals for Pommard; 55 and 90° detectors in two neutron beams.

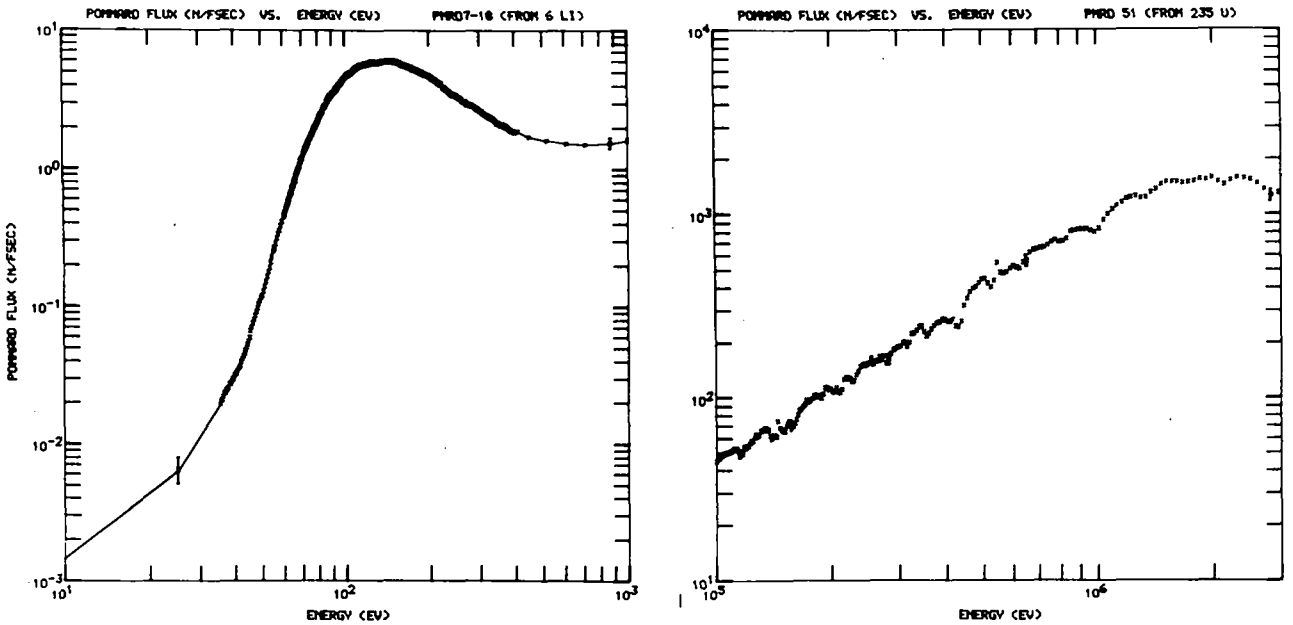

Fig. 2. Pommard flux. Low energy by comparison to $^{6}Li(n,\alpha t)$; high energy from $^{235}U(n,f)$.

II. ^{232}U: J. A. Farrell[6]

All high-resolution (high-energy) recordings were lost.

One manual (projection microscope) and two automatic (programmed oscilloscope light source) readings of one recorded signal are averaged. A very small base line correction, lowering the signals by 3 μm on the film, or equivalently subtracting 0.09 mV, was made by observing the shape of the signal from 50 to 70 eV. Target density was not measured; therefore the result was normalized to 1000 b at the peak of the 75 eV resonance.[7] In Fig. 3, the three readings are plotted and the average is indicated by a line connecting points, from 10 eV to 30 keV. The data are also given in Table II as is the standard deviation $\delta\sigma/\sigma$ assigned to each point. These errors include a systematic uncertainty of ±6.0%.

No correction has been made for resolution or for target impurities.

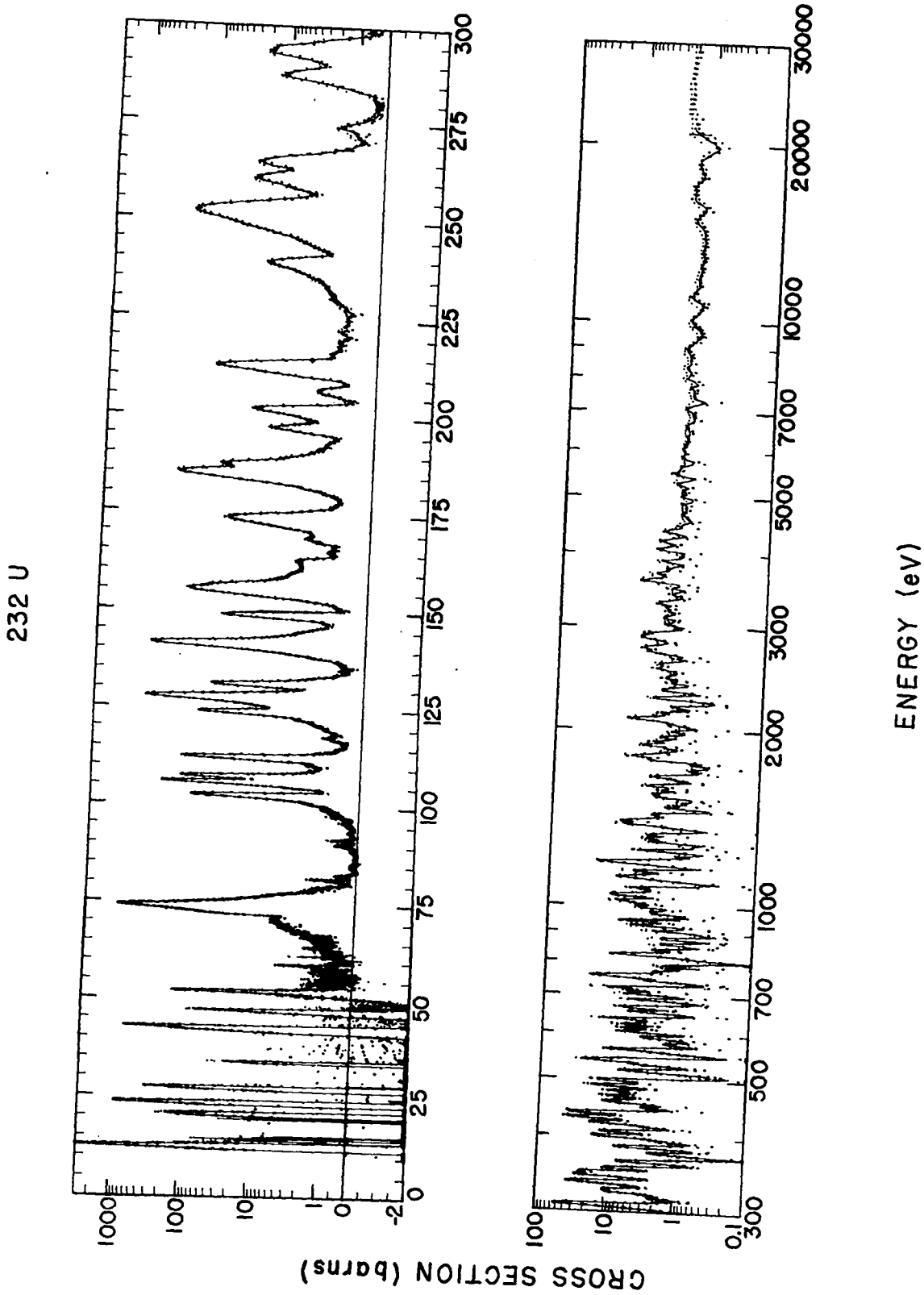

Fig. 3. Fission cross section of ^{232}U. The line is the average of three readings of one signal.

TABLE II

FISSION CROSS SECTION OF ^{232}U (J. A. FARRELL[6])

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.1331E+04	2.073	.438	1.0875E+04	1.605	.179	6.5762E+03	1.757	.146
2.0939E+04	1.783	.432	1.0732E+04	1.309	.239	6.5087E+03	1.641	.145
2.0558E+04	1.420	.431	1.0592E+04	1.285	.161	6.4423E+03	1.675	.143
2.0187E+04	1.076	.428	1.0454E+04	1.369	.157	6.3768E+03	1.788	.146
1.9826E+04	.886	.374	1.0319E+04	1.489	.182	6.3124E+03	1.728	.146
1.9475E+04	1.120	.372	1.0186E+04	1.695	.159	6.2489E+03	1.770	.143
1.9133E+04	1.427	.371	1.0057E+04	1.817	.142	6.1864E+03	1.869	.142
1.8800E+04	1.652	.376	9.9292E+03	1.709	.143	6.1248E+03	1.893	.172
1.8475E+04	1.680	.379	9.8042E+03	1.535	.143	6.0641E+03	2.047	.162
1.8159E+04	1.567	.371	9.6816E+03	1.376	.148	6.0043E+03	1.884	.144
1.7851E+04	1.461	.362	9.5612E+03	1.296	.141	5.9454E+03	1.870	.139
1.7551E+04	1.470	.337	9.4431E+03	1.274	.165	5.8874E+03	2.037	.134
1.7258E+04	1.758	.337	9.3271E+03	1.465	.143	5.8302E+03	1.812	.147
1.6972E+04	1.961	.346	9.2133E+03	1.585	.131	5.7738E+03	1.371	.279
1.6694E+04	1.873	.330	9.1015E+03	1.916	.128	5.7183E+03	1.484	.230
1.6422E+04	1.919	.318	8.9917E+03	2.072	.134	5.6635E+03	2.033	.192
1.6157E+04	1.958	.335	8.8840E+03	1.946	.136	5.6095E+03	2.193	.155
1.5898E+04	1.600	.327	8.7781E+03	1.829	.152	5.5563E+03	2.216	.127
1.5645E+04	1.310	.303	8.6742E+03	1.765	.152	5.5039E+03	2.548	.143
1.5399E+04	1.325	.284	8.5720E+03	1.773	.154	5.4522E+03	2.051	.191
1.5158E+04	1.601	.287	8.4717E+03	1.758	.146	5.4012E+03	1.292	.436
1.4922E+04	1.765	.295	8.3731E+03	2.002	.143	5.3509E+03	1.629	.376
1.4693E+04	1.650	.291	8.2762E+03	1.901	.150	5.3013E+03	2.354	.202
1.4468E+04	1.451	.280	8.1810E+03	1.700	.157	5.2525E+03	2.053	.142
1.4249E+04	1.334	.269	8.0875E+03	1.844	.144	5.2042E+03	1.613	.202
1.4034E+04	1.311	.264	7.9955E+03	1.918	.149	5.1567E+03	1.953	.154
1.3824E+04	1.295	.260	7.9051E+03	1.511	.227	5.1098E+03	1.729	.139
1.3619E+04	1.277	.254	7.8162E+03	1.347	.201	5.0635E+03	1.863	.137
1.3419E+04	1.275	.291	7.7288E+03	1.731	.170	5.0179E+03	1.844	.138
1.3223E+04	1.391	.277	7.6429E+03	1.503	.140	4.9728E+03	1.376	.238
1.3031E+04	1.328	.241	7.5584E+03	1.544	.148	4.9284E+03	1.397	.217
1.2843E+04	1.272	.230	7.4752E+03	1.561	.148	4.8846E+03	1.852	.132
1.2660E+04	1.296	.269	7.3935E+03	1.364	.163	4.8413E+03	1.642	.140
1.2480E+04	1.403	.250	7.3131E+03	1.008	.442	4.7986E+03	1.730	.141
1.2304E+04	1.356	.213	7.2340E+03	1.399	.225	4.7565E+03	1.666	.140
1.2132E+04	1.406	.209	7.1561E+03	1.841	.144	4.7150E+03	1.787	.139
1.1963E+04	1.456	.203	7.0795E+03	1.816	.149	4.6740E+03	1.828	.141
1.1798E+04	1.504	.197	7.0041E+03	1.539	.137	4.6335E+03	1.687	.141
1.1636E+04	1.493	.196	6.9300E+03	1.524	.139	4.5935E+03	1.536	.152
1.1478E+04	1.438	.223	6.8570E+03	1.461	.150	4.5540E+03	1.374	.253
1.1322E+04	1.604	.204	6.7851E+03	1.416	.173	4.5151E+03	1.733	.162
1.1170E+04	1.721	.173	6.7144E+03	1.679	.144	4.4766E+03	1.997	.132
1.1021E+04	1.866	.181	6.6448E+03	1.851	.146	4.4387E+03	1.917	.271

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
4.4012E+03	3.076	.237	3.0841E+03	2.117	.198	2.2806E+03	3.932	.266
4.3642E+03	3.151	.127	3.0624E+03	2.321	.123	2.2667E+03	3.361	.228
4.3277E+03	2.162	.165	3.0409E+03	2.717	.133	2.2531E+03	1.287	.390
4.2916E+03	1.592	.283	3.0196E+03	2.070	.197	2.2395E+03	.650	.370
4.2560E+03	2.442	.148	2.9985E+03	1.489	.250	2.2260E+03	.489	.475
4.2208E+03	3.792	.159	2.9777E+03	1.915	.139	2.2127E+03	.672	.729
4.1860E+03	3.108	.131	2.9571E+03	2.535	.171	2.1995E+03	2.120	.126
4.1517E+03	2.249	.188	2.9367E+03	5.115	.200	2.1864E+03	1.628	.250
4.1178E+03	2.831	.149	2.9165E+03	5.218	.125	2.1734E+03	1.111	.392
4.0843E+03	3.915	.129	2.8965E+03	6.150	.188	2.1605E+03	1.559	.332
4.0512E+03	3.173	.178	2.8767E+03	5.657	.114	2.1478E+03	2.916	.129
4.0185E+03	1.679	.429	2.8572E+03	3.960	.129	2.1351E+03	2.497	.285
3.9862E+03	1.852	.125	2.8378E+03	3.059	.196	2.1226E+03	2.716	.487
3.9543E+03	1.758	.140	2.8186E+03	2.581	.313	2.1102E+03	5.682	.222
3.9228E+03	2.150	.187	2.7996E+03	3.311	.185	2.0979E+03	8.277	.122
3.8916E+03	3.537	.263	2.7808E+03	5.597	.110	2.0857E+03	6.044	.147
3.8609E+03	2.696	.207	2.7622E+03	5.541	.116	2.0736E+03	3.149	.131
3.8304E+03	1.707	.363	2.7438E+03	4.432	.109	2.0616E+03	2.371	.126
3.8004E+03	2.304	.195	2.7256E+03	4.563	.111	2.0497E+03	1.987	.134
3.7707E+03	2.669	.126	2.7075E+03	3.158	.127	2.0379E+03	1.578	.285
3.7413E+03	2.813	.199	2.6896E+03	2.031	.252	2.0263E+03	1.281	.378
3.7123E+03	4.204	.267	2.6719E+03	1.560	.345	2.0147E+03	.830	.662
3.6836E+03	3.373	.307	2.6544E+03	1.892	.127	2.0032E+03	1.398	.245
3.6553E+03	2.971	.537	2.6370E+03	1.318	.598	1.9918E+03	1.972	.196
3.6273E+03	5.133	.231	2.6198E+03	2.194	.363	1.9805E+03	1.472	.365
3.5996E+03	6.166	.119	2.6028E+03	3.417	.224	1.9693E+03	1.285	.563
3.5722E+03	3.786	.356	2.5860E+03	3.119	.177	1.9582E+03	2.282	.349
3.5451E+03	2.025	.525	2.5693E+03	3.048	.117	1.9472E+03	2.636	.126
3.5183E+03	1.896	.293	2.5528E+03	3.713	.123	1.9363E+03	1.896	.278
3.4919E+03	2.490	.136	2.5364E+03	2.782	.128	1.9255E+03	2.274	.349
3.4657E+03	1.592	.369	2.5202E+03	2.024	.159	1.9148E+03	3.481	.125
3.4398E+03	2.056	.135	2.5041E+03	1.846	.180	1.9041E+03	2.499	.364
3.4142E+03	2.415	.133	2.4882E+03	2.153	.130	1.8936E+03	4.846	.264
3.3889E+03	1.804	.158	2.4725E+03	2.528	.125	1.8831E+03	4.570	.128
3.3639E+03	1.673	.267	2.4569E+03	2.672	.131	1.8727E+03	2.428	.344
3.3392E+03	2.349	.173	2.4414E+03	1.870	.145	1.8624E+03	2.257	.120
3.3147E+03	3.592	.118	2.4261E+03	1.813	.168	1.8522E+03	1.620	.327
3.2905E+03	3.494	.132	2.4109E+03	2.154	.141	1.8421E+03	1.733	.446
3.2666E+03	2.434	.222	2.3959E+03	1.249	.385	1.8321E+03	2.616	.264
3.2429E+03	2.893	.133	2.3810E+03	1.343	.373	1.8221E+03	3.872	.367
3.2194E+03	2.457	.123	2.3663E+03	2.290	.136	1.8122E+03	7.050	.306
3.1963E+03	2.661	.130	2.3516E+03	2.799	.175	1.8024E+03	7.460	.129
3.1734E+03	2.145	.142	2.3372E+03	2.367	.136	1.7927E+03	3.834	.220
3.1507E+03	2.438	.248	2.3228E+03	1.211	.370	1.7831E+03	4.056	.129
3.1282E+03	2.956	.129	2.3086E+03	.799	.568	1.7735E+03	3.115	.130
3.1061E+03	2.757	.117	2.2945E+03	1.706	.284	1.7640E+03	1.056	.434

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.7546E+03	.688	.327	1.3917E+03	6.526	.363	1.1307E+03	4.882	.259
1.7453E+03	.860	.201	1.3851E+03	9.077	.334	1.1258E+03	6.707	.318
1.7360E+03	.548	.249	1.3785E+03	7.465	.280	1.1211E+03	9.105	.150
1.7268E+03	.576	.542	1.3720E+03	3.483	.455	1.1163E+03	5.902	.275
1.7177E+03	.977	.155	1.3655E+03	2.254	.225	1.1115E+03	3.658	.277
1.7087E+03	.974	.226	1.3591E+03	1.477	.334	1.1068E+03	2.479	.191
1.6997E+03	.744	.178	1.3528E+03	.924	.494	1.1022E+03	1.418	.352
1.6908E+03	.821	.533	1.3464E+03	.522	1.012	1.0975E+03	.684	.702
1.6820E+03	1.740	.604	1.3402E+03	.916	.479	1.0929E+03	.321	.786
1.6732E+03	3.323	.198	1.3339E+03	2.128	.226	1.0883E+03	.610	.190
1.6645E+03	3.410	.140	1.3277E+03	3.580	.161	1.0837E+03	.662	.917
1.6559E+03	2.192	.212	1.3216E+03	3.234	.240	1.0792E+03	3.013	.433
1.6473E+03	1.720	.141	1.3155E+03	2.262	.396	1.0747E+03	6.496	.097
1.6388E+03	1.285	.178	1.3094E+03	4.020	.293	1.0702E+03	4.313	.264
1.6304E+03	.956	.466	1.3034E+03	3.595	.191	1.0657E+03	3.681	.136
1.6220E+03	1.589	.455	1.2974E+03	2.642	.396	1.0613E+03	3.326	.114
1.6137E+03	3.575	.206	1.2915E+03	3.473	.279	1.0569E+03	3.315	.233
1.6055E+03	4.321	.169	1.2856E+03	2.616	.252	1.0526E+03	6.032	.160
1.5973E+03	2.173	.360	1.2797E+03	1.376	.552	1.0482E+03	11.195	.087
1.5892E+03	2.039	.342	1.2739E+03	.547	.939	1.0439E+03	11.835	.091
1.5812E+03	2.638	.192	1.2681E+03	.768	.471	1.0396E+03	9.627	.119
1.5732E+03	1.701	.396	1.2624E+03	.859	.206	1.0354E+03	5.277	.404
1.5653E+03	2.395	.201	1.2567E+03	.882	.690	1.0311E+03	2.838	.567
1.5574E+03	3.336	.133	1.2510E+03	2.778	.590	1.0269E+03	5.674	.399
1.5496E+03	2.977	.111	1.2454E+03	5.411	.155	1.0227E+03	10.504	.203
1.5418E+03	2.915	.132	1.2398E+03	2.439	.278	1.0186E+03	8.317	.291
1.5341E+03	2.156	.273	1.2343E+03	1.071	.223	1.0144E+03	6.254	.234
1.5265E+03	1.019	.809	1.2287E+03	.585	.635	1.0103E+03	4.483	.257
1.5189E+03	.922	.434	1.2233E+03	.736	.573	1.0062E+03	3.475	.371
1.5114E+03	1.015	.351	1.2178E+03	1.235	.160	1.0022E+03	3.466	.321
1.5039E+03	1.227	.170	1.2124E+03	.907	.576	9.9816E+02	4.696	.172
1.4965E+03	1.084	.316	1.2071E+03	1.798	.345	9.9415E+02	4.007	.190
1.4892E+03	1.728	.151	1.2017E+03	2.850	.182	9.9017E+02	2.641	.368
1.4819E+03	1.384	.309	1.1964E+03	7.917	.207	9.8620E+02	1.818	.466
1.4746E+03	2.010	.160	1.1912E+03	19.466	.109	9.8227E+02	2.184	.288
1.4674E+03	1.264	.295	1.1860E+03	15.949	.115	9.7835E+02	2.850	.113
1.4603E+03	.509	.709	1.1808E+03	8.351	.215	9.7446E+02	2.793	.113
1.4532E+03	.537	.650	1.1756E+03	3.769	.238	9.7060E+02	2.704	.117
1.4462E+03	1.336	.371	1.1705E+03	2.208	.492	9.6675E+02	1.846	.302
1.4392E+03	2.959	.266	1.1654E+03	1.353	.481	9.6293E+02	.945	.857
1.4322E+03	3.181	.118	1.1603E+03	.611	.588	9.5913E+02	1.428	.142
1.4253E+03	2.759	.108	1.1553E+03	1.549	.532	9.5535E+02	.869	1.117
1.4185E+03	2.705	.136	1.1503E+03	5.789	.357	9.5160E+02	2.876	.584
1.4117E+03	3.980	.203	1.1454E+03	5.806	.255	9.4787E+02	7.028	.283
1.4050E+03	7.315	.184	1.1404E+03	2.671	.588	9.4416E+02	5.619	.307
1.3983E+03	8.583	.095	1.1356E+03	2.545	.422	9.4047E+02	3.289	.387

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
9.3680E+02	2.148	.358	7.8883E+02	.864	.872	6.7334E+02	3.218	.337
9.3316E+02	3.337	.428	7.8601E+02	.980	.765	6.7112E+02	7.618	.203
9.2953E+02	5.822	.264	7.8321E+02	1.496	.196	6.6890E+02	6.347	.206
9.2593E+02	3.683	.330	7.8042E+02	1.197	.213	6.6671E+02	5.165	.138
9.2235E+02	1.495	.501	7.7765E+02	1.150	.503	6.6451E+02	3.272	.305
9.1878E+02	1.135	.538	7.7489E+02	2.094	.227	6.6234E+02	2.216	.521
9.1524E+02	1.013	.829	7.7215E+02	2.573	.080	6.6017E+02	3.103	.412
9.1172E+02	1.818	.715	7.6942E+02	2.269	.131	6.5801E+02	4.928	.134
9.0822E+02	2.876	.315	7.6671E+02	3.285	.216	6.5586E+02	3.365	.295
9.0474E+02	1.254	1.197	7.6401E+02	8.244	.531	6.5373E+02	2.763	.192
9.0128E+02	.727	1.402	7.6132E+02	13.285	.512	6.5160E+02	1.215	.261
8.9784E+02	.557	.275	7.5865E+02	20.737	.207	6.4949E+02	.672	.608
8.9442E+02	.542	.286	7.5599E+02	16.707	.168	6.4738E+02	.633	.573
8.9102E+02	.334	.402	7.5335E+02	9.935	.273	6.4529E+02	.891	.172
8.8764E+02	.791	.377	7.5072E+02	5.185	.296	6.4320E+02	2.426	.405
8.8428E+02	2.233	.366	7.4810E+02	3.158	.171	6.4113E+02	8.590	.576
8.8093E+02	1.851	.470	7.4550E+02	2.909	.151	6.3906E+02	13.506	.227
8.7761E+02	1.783	.353	7.4291E+02	2.820	.127	6.3701E+02	5.833	.216
8.7430E+02	.412	.579	7.4034E+02	1.531	.402	6.3496E+02	3.515	.228
8.7102E+02	.425	.495	7.3778E+02	.763	.517	6.3293E+02	2.935	.286
8.6775E+02	.757	.309	7.3523E+02	.500	.517	6.3090E+02	3.681	.102
8.6450E+02	2.135	.375	7.3269E+02	.470	.471	6.2888E+02	3.512	.245
8.6126E+02	2.151	.307	7.3017E+02	.526	.557	6.2688E+02	6.857	.279
8.5805E+02	.994	.974	7.2766E+02	2.792	.499	6.2488E+02	7.162	.215
8.5485E+02	.958	.494	7.2516E+02	12.502	.450	6.2290E+02	4.022	.203
8.5168E+02	.574	.426	7.2268E+02	12.086	.305	6.2092E+02	2.368	.327
8.4852E+02	.881	.426	7.2021E+02	6.405	.280	6.1895E+02	3.539	.500
8.4537E+02	2.119	.237	7.1775E+02	5.382	.188	6.1699E+02	7.193	.185
8.4225E+02	2.501	.124	7.1531E+02	5.575	.145	6.1504E+02	5.251	.206
8.3914E+02	1.541	.388	7.1287E+02	3.170	.497	6.1310E+02	3.069	.235
8.3605E+02	1.585	.293	7.1045E+02	2.840	.519	6.1117E+02	3.661	.341
8.3297E+02	3.162	.215	7.0804E+02	5.797	.306	6.0925E+02	6.035	.185
8.2992E+02	8.093	.309	7.0565E+02	6.165	.276	6.0734E+02	7.218	.124
8.2688E+02	10.589	.099	7.0326E+02	3.394	.362	6.0543E+02	4.714	.205
8.2385E+02	6.346	.357	7.0089E+02	1.903	.225	6.0354E+02	3.126	.128
8.2085E+02	2.720	.441	6.9853E+02	1.222	.195	6.0165E+02	1.864	.221
8.1786E+02	1.268	.469	6.9618E+02	.871	.459	5.9977E+02	.818	.299
8.1488E+02	.922	.281	6.9385E+02	1.998	.136	5.9790E+02	.897	.579
8.1192E+02	.612	.423	6.9152E+02	5.906	.203	5.9605E+02	2.490	.299
8.0898E+02	.414	.640	6.8921E+02	3.917	.245	5.9419E+02	3.276	.109
8.0606E+02	.176	1.501	6.8691E+02	2.090	.363	5.9235E+02	2.545	.223
8.0315E+02	.013	20.249	6.8462E+02	1.128	.400	5.9052E+02	2.526	.150
8.0025E+02	.447	.404	6.8234E+02	.666	.338	5.8869E+02	1.545	.462
7.9737E+02	.588	1.035	6.8007E+02	.531	.306	5.8688E+02	1.021	.472
7.9451E+02	1.598	.470	6.7782E+02	.687	.213	5.8507E+02	.907	.125
7.9166E+02	1.983	.193	6.7557E+02	.923	.387	5.8327E+02	.737	.375

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
5.8147E+02	1.069	.265	5.0721E+02	.180	.729	4.4631E+02	1.414	.415
5.7969E+02	1.141	.323	5.0575E+02	.246	.693	4.4511E+02	1.245	.619
5.7792E+02	1.380	.147	5.0431E+02	.498	.566	4.4392E+02	2.022	.404
5.7615E+02	1.357	.098	5.0286E+02	2.745	.233	4.4273E+02	5.047	.519
5.7439E+02	1.031	.155	5.0143E+02	13.517	.291	4.4154E+02	21.256	.479
5.7264E+02	.637	.245	5.0000E+02	14.379	.106	4.4036E+02	35.883	.082
5.7090E+02	.612	.241	4.9858E+02	10.188	.076	4.3918E+02	33.115	.086
5.6916E+02	2.638	.236	4.9716E+02	5.873	.183	4.3801E+02	26.195	.137
5.6743E+02	8.803	.144	4.9575E+02	4.312	.125	4.3685E+02	17.244	.220
5.6571E+02	11.190	.130	4.9435E+02	3.995	.129	4.3568E+02	10.093	.103
5.6400E+02	7.520	.232	4.9295E+02	3.885	.155	4.3453E+02	7.720	.086
5.6230E+02	3.564	.121	4.9156E+02	8.522	.376	4.3337E+02	9.000	.178
5.6060E+02	2.666	.147	4.9017E+02	17.846	.284	4.3223E+02	23.424	.380
5.5891E+02	1.812	.213	4.8879E+02	14.786	.111	4.3108E+02	39.580	.096
5.5723E+02	1.192	.251	4.8742E+02	10.852	.118	4.2994E+02	31.559	.108
5.5556E+02	.819	.306	4.8605E+02	6.491	.187	4.2881E+02	22.247	.181
5.5389E+02	.394	.776	4.8468E+02	4.115	.124	4.2768E+02	10.349	.193
5.5223E+02	.274	.590	4.8333E+02	2.678	.290	4.2656E+02	6.596	.121
5.5058E+02	.195	.723	4.8197E+02	3.056	.234	4.2543E+02	7.271	.303
5.4894E+02	.236	.863	4.8063E+02	6.529	.268	4.2432E+02	13.213	.151
5.4730E+02	1.195	.424	4.7929E+02	10.837	.124	4.2321E+02	15.869	.083
5.4567E+02	6.436	.247	4.7795E+02	7.821	.155	4.2210E+02	16.265	.096
5.4405E+02	10.618	.105	4.7662E+02	5.710	.170	4.2099E+02	11.601	.193
5.4244E+02	20.075	.259	4.7530E+02	5.007	.192	4.1990E+02	8.011	.266
5.4083E+02	24.823	.134	4.7398E+02	5.777	.125	4.1880E+02	4.748	.270
5.3923E+02	16.455	.155	4.7267E+02	5.061	.114	4.1771E+02	3.465	.095
5.3764E+02	11.503	.208	4.7136E+02	5.560	.143	4.1662E+02	2.718	.121
5.3605E+02	6.376	.389	4.7006E+02	10.789	.234	4.1554E+02	2.461	.105
5.3447E+02	4.377	.141	4.6876E+02	9.552	.165	4.1446E+02	1.746	.267
5.3290E+02	4.249	.088	4.6747E+02	7.072	.086	4.1339E+02	1.221	.415
5.3134E+02	3.063	.222	4.6618E+02	5.055	.221	4.1232E+02	1.241	.499
5.2978E+02	1.888	.394	4.6490E+02	3.948	.216	4.1125E+02	2.469	.403
5.2823E+02	1.195	.282	4.6363E+02	4.067	.331	4.1019E+02	7.828	.259
5.2668E+02	.757	.317	4.6236E+02	6.392	.189	4.0914E+02	11.532	.083
5.2515E+02	.694	.438	4.6109E+02	8.088	.095	4.0808E+02	9.938	.114
5.2361E+02	1.409	.341	4.5983E+02	10.741	.103	4.0703E+02	7.993	.253
5.2209E+02	4.089	.310	4.5858E+02	10.196	.105	4.0599E+02	4.679	.306
5.2057E+02	6.380	.129	4.5733E+02	7.266	.156	4.0495E+02	3.086	.232
5.1906E+02	5.418	.087	4.5608E+02	5.969	.166	4.0391E+02	5.778	.261
5.1756E+02	3.737	.184	4.5484E+02	3.355	.324	4.0288E+02	15.280	.074
5.1606E+02	2.479	.338	4.5361E+02	2.298	.152	4.0185E+02	14.926	.070
5.1457E+02	1.232	.674	4.5238E+02	1.635	.501	4.0083E+02	13.247	.075
5.1308E+02	.600	.441	4.5116E+02	2.532	.217	3.9980E+02	10.078	.146
5.1160E+02	.430	.451	4.4994E+02	3.057	.098	3.9879E+02	5.040	.222
5.1013E+02	.351	.459	4.4872E+02	2.555	.108	3.9777E+02	3.034	.126
5.0867E+02	.346	.332	4.4751E+02	2.169	.140	3.9676E+02	2.383	.134

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
3.9576E+02	2.035	.131	3.5333E+02	4.443	.162	3.1738E+02	2.056	.105
3.9476E+02	1.379	.287	3.5249E+02	2.829	.154	3.1667E+02	1.787	.128
3.9376E+02	1.255	.357	3.5165E+02	3.741	.245	3.1595E+02	1.374	.239
3.9276E+02	1.230	.206	3.5081E+02	11.132	.447	3.1523E+02	1.054	.286
3.9177E+02	.731	.389	3.4997E+02	21.708	.070	3.1452E+02	.891	.382
3.9079E+02	.567	.519	3.4914E+02	22.081	.087	3.1381E+02	.974	.399
3.8980E+02	.807	.124	3.4831E+02	21.969	.086	3.1310E+02	1.209	.370
3.8883E+02	.914	.436	3.4748E+02	18.555	.185	3.1240E+02	1.553	.223
3.8785E+02	3.562	.503	3.4666E+02	22.705	.123	3.1169E+02	2.089	.222
3.8688E+02	5.958	.204	3.4583E+02	25.365	.071	3.1100E+02	3.324	.305
3.8591E+02	6.819	.100	3.4502E+02	26.122	.093	3.1030E+02	9.869	.276
3.8494E+02	5.793	.156	3.4420E+02	22.593	.147	3.0960E+02	32.500	.130
3.8398E+02	2.891	.370	3.4339E+02	13.418	.304	3.0891E+02	43.184	.110
3.8302E+02	1.315	.564	3.4258E+02	6.635	.127	3.0822E+02	50.447	.093
3.8207E+02	.651	.580	3.4177E+02	5.112	.157	3.0753E+02	46.821	.181
3.8112E+02	.590	.138	3.4097E+02	3.728	.130	3.0684E+02	29.458	.212
3.8017E+02	.528	.374	3.4017E+02	2.639	.102	3.0616E+02	16.873	.173
3.7923E+02	.799	.387	3.3937E+02	2.668	.121	3.0548E+02	10.726	.171
3.7829E+02	1.782	.249	3.3857E+02	4.424	.350	3.0480E+02	6.980	.183
3.7735E+02	2.264	.107	3.3778E+02	17.049	.426	3.0412E+02	4.495	.125
3.7642E+02	1.690	.197	3.3699E+02	27.479	.100	3.0344E+02	2.996	.178
3.7549E+02	1.741	.113	3.3620E+02	31.789	.074	3.0277E+02	2.165	.185
3.7457E+02	1.110	.232	3.3542E+02	32.679	.138	3.0210E+02	1.554	.202
3.7365E+02	.670	.396	3.3464E+02	23.985	.235	3.0143E+02	1.361	.224
3.7273E+02	.409	.710	3.3386E+02	16.286	.185	3.0077E+02	.786	.474
3.7181E+02	.227	.707	3.3308E+02	10.534	.221	3.0010E+02	.871	.193
3.7090E+02	.072	2.325	3.3231E+02	6.179	.189	2.9944E+02	.562	.484
3.6999E+02	.010	13.715	3.3154E+02	4.606	.096	2.9878E+02	.519	.410
3.6908E+02	.389	.284	3.3077E+02	4.193	.091	2.9812E+02	.619	.364
3.6818E+02	.658	.337	3.3000E+02	3.410	.122	2.9747E+02	1.124	.379
3.6728E+02	1.160	.143	3.2924E+02	2.898	.174	2.9682E+02	2.450	.378
3.6639E+02	1.867	.572	3.2848E+02	4.399	.274	2.9617E+02	4.357	.147
3.6549E+02	5.372	.188	3.2772E+02	8.008	.165	2.9552E+02	7.100	.158
3.6460E+02	6.359	.082	3.2697E+02	10.082	.076	2.9487E+02	16.252	.086
3.6372E+02	5.671	.119	3.2621E+02	10.237	.072	2.9423E+02	18.458	.075
3.6284E+02	3.730	.265	3.2546E+02	9.823	.076	2.9358E+02	20.702	.090
3.6196E+02	1.597	.124	3.2472E+02	9.284	.077	2.9294E+02	19.229	.144
3.6108E+02	.837	.202	3.2397E+02	8.489	.084	2.9231E+02	12.415	.338
3.6021E+02	.618	.236	3.2323E+02	7.802	.151	2.9167E+02	6.916	.154
3.5934E+02	.591	.285	3.2249E+02	5.629	.284	2.9104E+02	4.494	.109
3.5847E+02	.894	.328	3.2175E+02	3.543	.195	2.9040E+02	3.644	.111
3.5761E+02	2.719	.452	3.2102E+02	2.589	.131	2.8977E+02	3.291	.151
3.5675E+02	5.959	.274	3.2029E+02	2.263	.115	2.8915E+02	4.872	.191
3.5589E+02	9.422	.077	3.1956E+02	2.102	.104	2.8852E+02	8.734	.093
3.5503E+02	10.122	.086	3.1883E+02	1.906	.163	2.8790E+02	11.831	.097
3.5418E+02	8.286	.114	3.1811E+02	1.977	.147	2.8727E+02	13.517	.117

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.8666E+02	9.487	.223	2.6018E+02	23.38	.165	2.3722E+02	6.453	.074
2.8604E+02	5.120	.278	2.5965E+02	16.87	.317	2.3675E+02	5.412	.083
2.8542E+02	3.234	.185	2.5912E+02	11.35	.283	2.3629E+02	4.374	.078
2.8481E+02	2.244	.242	2.5858E+02	8.82	.128	2.3582E+02	4.125	.084
2.8420E+02	1.492	.261	2.5806E+02	6.87	.108	2.3536E+02	3.305	.113
2.8359E+02	1.100	.281	2.5753E+02	4.66	.119	2.3490E+02	2.942	.121
2.8298E+02	.624	.388	2.5700E+02	3.62	.175	2.3445E+02	2.775	.084
2.8237E+02	.343	.575	2.5648E+02	4.59	.276	2.3399E+02	2.542	.085
2.8177E+02	.435	.144	2.5595E+02	6.79	.354	2.3353E+02	2.241	.087
2.8117E+02	.263	.462	2.5543E+02	11.15	.340	2.3308E+02	2.333	.087
2.8057E+02	.228	.506	2.5491E+02	20.93	.235	2.3263E+02	2.194	.075
2.7997E+02	.231	.452	2.5440E+02	42.62	.317	2.3218E+02	2.067	.092
2.7937E+02	.224	.398	2.5388E+02	81.77	.296	2.3173E+02	1.929	.091
2.7878E+02	.297	.193	2.5336E+02	132.62	.165	2.3128E+02	1.781	.091
2.7819E+02	.250	.436	2.5285E+02	177.72	.093	2.3083E+02	1.766	.092
2.7760E+02	.309	.470	2.5234E+02	195.31	.090	2.3038E+02	1.885	.094
2.7701E+02	.394	.448	2.5183E+02	187.20	.103	2.2994E+02	1.646	.094
2.7642E+02	.554	.273	2.5132E+02	155.31	.132	2.2949E+02	1.572	.087
2.7583E+02	.746	.382	2.5081E+02	119.28	.129	2.2905E+02	1.394	.103
2.7525E+02	1.178	.236	2.5031E+02	84.27	.098	2.2861E+02	1.251	.102
2.7467E+02	1.500	.141	2.4981E+02	62.21	.092	2.2817E+02	1.110	.199
2.7409E+02	1.643	.117	2.4930E+02	51.63	.108	2.2773E+02	1.178	.091
2.7351E+02	1.394	.229	2.4880E+02	40.42	.107	2.2729E+02	1.051	.112
2.7294E+02	.916	.419	2.4830E+02	31.51	.126	2.2686E+02	.790	.309
2.7236E+02	.901	.313	2.4780E+02	23.54	.103	2.2642E+02	.856	.200
2.7179E+02	.952	.211	2.4731E+02	17.66	.090	2.2599E+02	.992	.112
2.7122E+02	.810	.203	2.4681E+02	13.96	.100	2.2556E+02	1.048	.110
2.7065E+02	.591	.488	2.4632E+02	9.92	.116	2.2512E+02	1.029	.110
2.7009E+02	.730	.278	2.4583E+02	7.60	.093	2.2469E+02	.995	.088
2.6952E+02	1.062	.105	2.4534E+02	6.53	.083	2.2427E+02	1.000	.118
2.6896E+02	1.187	.194	2.4485E+02	5.53	.098	2.2384E+02	1.000	.110
2.6840E+02	1.588	.295	2.4436E+02	4.88	.093	2.2341E+02	1.087	.108
2.6784E+02	2.588	.196	2.4387E+02	4.06	.085	2.2299E+02	.987	.190
2.6728E+02	4.307	.200	2.4339E+02	3.56	.084	2.2256E+02	1.104	.188
2.6672E+02	8.614	.143	2.4290E+02	3.02	.086	2.2214E+02	1.293	.101
2.6617E+02	14.966	.095	2.4242E+02	2.49	.093	2.2172E+02	1.167	.103
2.6562E+02	20.771	.079	2.4194E+02	2.12	.095	2.2130E+02	1.083	.084
2.6507E+02	24.943	.080	2.4146E+02	2.26	.149	2.2088E+02	.905	.123
2.6452E+02	21.635	.148	2.4099E+02	3.67	.196	2.2046E+02	.859	.238
2.6397E+02	17.032	.248	2.4051E+02	7.30	.139	2.2005E+02	1.098	.151
2.6342E+02	10.592	.202	2.4003E+02	11.65	.163	2.1963E+02	1.274	.099
2.6288E+02	9.126	.112	2.3956E+02	16.42	.088	2.1922E+02	1.320	.099
2.6234E+02	12.791	.092	2.3909E+02	15.79	.087	2.1880E+02	1.172	.100
2.6180E+02	19.197	.112	2.3862E+02	13.69	.115	2.1839E+02	1.296	.097
2.6126E+02	25.637	.073	2.3815E+02	10.48	.116	2.1798E+02	1.342	.097
2.6072E+02	27.826	.099	2.3768E+02	7.77	.090	2.1757E+02	1.203	.122

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.1716E+02	1.341	.096	1.9955E+02	3.43	.094	1.8399E+02	55.872	.101
2.1675E+02	1.534	.093	1.9919E+02	2.77	.078	1.8368E+02	34.648	.084
2.1635E+02	1.683	.090	1.9883E+02	2.84	.154	1.8336E+02	22.779	.102
2.1594E+02	1.681	.091	1.9847E+02	3.80	.230	1.8304E+02	14.240	.104
2.1554E+02	1.610	.091	1.9812E+02	5.43	.269	1.8273E+02	9.094	.089
2.1514E+02	2.120	.275	1.9776E+02	8.03	.253	1.8241E+02	6.089	.116
2.1473E+02	4.427	.492	1.9741E+02	11.19	.100	1.8210E+02	4.413	.091
2.1433E+02	9.607	.665	1.9706E+02	10.35	.106	1.8179E+02	3.891	.074
2.1394E+02	28.796	.430	1.9670E+02	7.33	.126	1.8147E+02	3.189	.082
2.1354E+02	53.760	.227	1.9635E+02	5.18	.104	1.8116E+02	2.336	.106
2.1314E+02	74.728	.115	1.9600E+02	3.41	.117	1.8085E+02	1.958	.110
2.1274E+02	73.910	.101	1.9565E+02	2.32	.152	1.8054E+02	1.858	.081
2.1235E+02	51.314	.102	1.9531E+02	1.68	.114	1.8023E+02	1.524	.105
2.1195E+02	29.188	.113	1.9496E+02	1.29	.118	1.7993E+02	1.301	.112
2.1156E+02	18.789	.111	1.9461E+02	1.29	.091	1.7962E+02	1.236	.088
2.1117E+02	12.693	.176	1.9427E+02	1.29	.101	1.7931E+02	1.077	.106
2.1078E+02	7.680	.162	1.9392E+02	1.44	.092	1.7901E+02	1.098	.074
2.1039E+02	4.559	.155	1.9358E+02	1.59	.087	1.7870E+02	1.005	.102
2.1000E+02	2.444	.197	1.9323E+02	1.74	.073	1.7840E+02	.958	.103
2.0961E+02	1.368	.095	1.9289E+02	1.76	.090	1.7810E+02	.977	.103
2.0923E+02	1.078	.100	1.9255E+02	1.71	.095	1.7779E+02	1.083	.097
2.0884E+02	.933	.104	1.9221E+02	2.00	.088	1.7749E+02	1.172	.089
2.0846E+02	.948	.126	1.9187E+02	2.19	.086	1.7719E+02	1.252	.089
2.0807E+02	1.401	.120	1.9153E+02	2.14	.103	1.7689E+02	1.344	.086
2.0769E+02	1.901	.124	1.9120E+02	2.64	.105	1.7659E+02	1.516	.142
2.0731E+02	2.264	.082	1.9086E+02	2.92	.083	1.7629E+02	2.043	.183
2.0693E+02	2.484	.082	1.9052E+02	3.37	.105	1.7599E+02	2.885	.141
2.0655E+02	2.452	.082	1.9019E+02	4.29	.164	1.7570E+02	3.954	.138
2.0618E+02	2.136	.101	1.8985E+02	5.51	.143	1.7540E+02	6.070	.215
2.0580E+02	1.758	.111	1.8952E+02	6.96	.121	1.7510E+02	10.848	.204
2.0542E+02	1.350	.099	1.8919E+02	8.71	.180	1.7481E+02	18.634	.193
2.0505E+02	1.072	.118	1.8886E+02	14.04	.351	1.7452E+02	29.224	.156
2.0467E+02	.793	.229	1.8853E+02	25.32	.325	1.7422E+02	38.610	.112
2.0430E+02	.683	.268	1.8820E+02	41.52	.208	1.7393E+02	44.245	.104
2.0393E+02	.777	.195	1.8787E+02	53.91	.133	1.7364E+02	41.447	.070
2.0356E+02	1.325	.485	1.8754E+02	54.06	.083	1.7335E+02	35.999	.086
2.0319E+02	3.365	.694	1.8722E+02	45.43	.080	1.7306E+02	30.148	.135
2.0282E+02	8.423	.349	1.8689E+02	45.13	.149	1.7277E+02	22.596	.140
2.0245E+02	16.866	.125	1.8656E+02	67.02	.321	1.7248E+02	16.686	.100
2.0209E+02	20.948	.088	1.8624E+02	125.06	.350	1.7219E+02	13.046	.110
2.0172E+02	18.469	.078	1.8592E+02	188.75	.199	1.7190E+02	9.916	.110
2.0136E+02	13.850	.108	1.8559E+02	235.62	.110	1.7161E+02	7.708	.100
2.0099E+02	9.570	.092	1.8527E+02	231.30	.080	1.7133E+02	5.847	.093
2.0063E+02	6.728	.086	1.8495E+02	195.00	.087	1.7104E+02	4.438	.085
2.0027E+02	5.031	.075	1.8463E+02	132.43	.080	1.7076E+02	3.266	.099
1.9991E+02	4.287	.092	1.8431E+02	85.74	.083	1.7047E+02	2.814	.075

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.7019E+02	2.655	.076	1.5788E+02	10.88	.110	1.4686E+02	1.27	.082
1.6991E+02	2.493	.077	1.5763E+02	14.32	.188	1.4664E+02	1.21	.101
1.6962E+02	2.444	.076	1.5738E+02	21.69	.271	1.4641E+02	1.31	.071
1.6934E+02	2.577	.070	1.5713E+02	34.86	.228	1.4619E+02	1.33	.102
1.6906E+02	2.776	.074	1.5688E+02	49.94	.172	1.4596E+02	1.52	.099
1.6878E+02	3.018	.075	1.5663E+02	65.33	.117	1.4574E+02	1.78	.087
1.6850E+02	2.798	.074	1.5638E+02	76.55	.095	1.4551E+02	2.08	.076
1.6823E+02	2.331	.105	1.5613E+02	87.38	.096	1.4529E+02	2.40	.090
1.6795E+02	2.052	.118	1.5588E+02	111.01	.115	1.4507E+02	2.85	.097
1.6767E+02	1.955	.090	1.5563E+02	136.63	.098	1.4485E+02	3.36	.083
1.6739E+02	1.483	.164	1.5539E+02	137.99	.071	1.4462E+02	3.71	.079
1.6712E+02	1.135	.178	1.5514E+02	128.10	.072	1.4440E+02	4.02	.097
1.6684E+02	1.115	.098	1.5489E+02	106.87	.096	1.4418E+02	4.98	.113
1.6657E+02	1.209	.078	1.5465E+02	77.07	.112	1.4396E+02	6.00	.122
1.6630E+02	1.202	.085	1.5440E+02	49.19	.116	1.4374E+02	7.52	.142
1.6602E+02	1.093	.137	1.5416E+02	30.64	.143	1.4352E+02	10.29	.180
1.6575E+02	1.191	.108	1.5391E+02	19.57	.148	1.4330E+02	14.73	.256
1.6548E+02	1.380	.084	1.5367E+02	12.71	.132	1.4308E+02	21.83	.290
1.6521E+02	1.350	.083	1.5343E+02	7.93	.130	1.4287E+02	33.53	.326
1.6494E+02	1.236	.088	1.5319E+02	4.80	.120	1.4265E+02	67.26	.372
1.6467E+02	1.126	.125	1.5294E+02	3.30	.111	1.4243E+02	142.48	.297
1.6440E+02	1.100	.118	1.5270E+02	2.49	.140	1.4222E+02	271.09	.259
1.6413E+02	1.356	.242	1.5246E+02	1.86	.181	1.4200E+02	397.18	.155
1.6386E+02	1.989	.210	1.5223E+02	1.42	.180	1.4178E+02	444.54	.102
1.6360E+02	2.906	.168	1.5198E+02	1.13	.165	1.4157E+02	420.16	.090
1.6333E+02	3.562	.090	1.5175E+02	1.12	.073	1.4135E+02	343.72	.125
1.6306E+02	3.967	.072	1.5151E+02	.91	.117	1.4114E+02	223.31	.107
1.6280E+02	4.071	.071	1.5127E+02	.83	.122	1.4093E+02	124.63	.095
1.6253E+02	3.710	.072	1.5103E+02	.73	.163	1.4071E+02	70.61	.098
1.6227E+02	3.713	.067	1.5080E+02	.62	.207	1.4050E+02	40.39	.105
1.6201E+02	3.561	.077	1.5056E+02	.78	.131	1.4029E+02	24.73	.126
1.6174E+02	3.434	.072	1.5033E+02	2.1	.418	1.4008E+02	16.30	.145
1.6148E+02	3.389	.072	1.5009E+02	6.11	.511	1.3987E+02	11.47	.114
1.6122E+02	3.410	.073	1.4986E+02	15.61	.443	1.3966E+02	8.60	.108
1.6096E+02	3.470	.072	1.4962E+02	28.36	.322	1.3945E+02	6.35	.098
1.6070E+02	3.664	.072	1.4939E+02	39.76	.163	1.3924E+02	4.97	.084
1.6044E+02	3.672	.090	1.4916E+02	39.48	.084	1.3903E+02	4.15	.104
1.6018E+02	4.099	.080	1.4893E+02	31.20	.157	1.3882E+02	3.16	.136
1.5993E+02	4.586	.072	1.4870E+02	20.18	.216	1.3861E+02	2.50	.100
1.5967E+02	4.966	.071	1.4847E+02	11.41	.206	1.3840E+02	2.14	.096
1.5941E+02	5.130	.068	1.4824E+02	6.49	.234	1.3820E+02	1.83	.135
1.5915E+02	5.384	.074	1.4801E+02	3.42	.253	1.3799E+02	1.52	.132
1.5890E+02	5.762	.082	1.4778E+02	2.03	.208	1.3778E+02	1.09	.163
1.5864E+02	6.750	.085	1.4755E+02	1.62	.106	1.3758E+02	.93	.077
1.5839E+02	7.654	.094	1.4732E+02	1.32	.142	1.3737E+02	.72	.116
1.5814E+02	8.780	.108	1.4709E+02	1.24	.098	1.3717E+02	.70	.116

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.3696E+02	.642	.149	1.2803E+02	485.80	.113	1.1994E+02	1.145	.082
1.3676E+02	.612	.154	1.2784E+02	443.34	.075	1.1977E+02	1.100	.083
1.3655E+02	.663	.078	1.2766E+02	319.87	.079	1.1961E+02	.975	.096
1.3635E+02	.570	.123	1.2748E+02	207.26	.081	1.1944E+02	.865	.126
1.3615E+02	.448	.290	1.2729E+02	134.92	.095	1.1927E+02	.818	.106
1.3595E+02	.308	.547	1.2711E+02	84.61	.113	1.1911E+02	.780	.090
1.3574E+02	.337	.388	1.2693E+02	52.43	.116	1.1894E+02	.714	.133
1.3554E+02	.449	.241	1.2674E+02	34.86	.133	1.1878E+02	.784	.098
1.3534E+02	.616	.112	1.2656E+02	26.25	.110	1.1861E+02	.758	.114
1.3514E+02	.569	.117	1.2638E+02	20.50	.076	1.1845E+02	.825	.088
1.3494E+02	.474	.178	1.2620E+02	16.43	.067	1.1828E+02	.860	.105
1.3474E+02	.461	.169	1.2602E+02	14.02	.084	1.1812E+02	.984	.113
1.3454E+02	.554	.190	1.2584E+02	11.86	.115	1.1796E+02	1.142	.105
1.3434E+02	.717	.130	1.2566E+02	10.06	.095	1.1779E+02	1.131	.085
1.3415E+02	.809	.090	1.2548E+02	8.97	.076	1.1763E+02	.979	.095
1.3395E+02	.858	.089	1.2530E+02	8.74	.084	1.1747E+02	.913	.089
1.3375E+02	.947	.127	1.2512E+02	10.32	.188	1.1731E+02	.723	.123
1.3355E+02	1.210	.148	1.2495E+02	16.83	.364	1.1714E+02	.575	.205
1.3336E+02	1.487	.143	1.2477E+02	33.78	.398	1.1698E+02	.479	.277
1.3316E+02	1.806	.113	1.2459E+02	57.76	.234	1.1682E+02	.545	.127
1.3297E+02	2.197	.109	1.2441E+02	75.82	.133	1.1666E+02	.425	.207
1.3277E+02	2.857	.171	1.2424E+02	77.56	.087	1.1650E+02	.423	.150
1.3258E+02	4.014	.233	1.2406E+02	62.67	.095	1.1634E+02	.470	.154
1.3238E+02	6.085	.301	1.2389E+02	42.21	.109	1.1618E+02	.431	.140
1.3219E+02	10.83	.296	1.2371E+02	26.76	.088	1.1602E+02	.429	.111
1.3199E+02	22.84	.323	1.2353E+02	16.57	.130	1.1586E+02	.450	.108
1.3180E+02	39.40	.226	1.2336E+02	10.11	.173	1.1570E+02	.429	.140
1.3161E+02	51.59	.132	1.2318E+02	6.57	.154	1.1555E+02	.512	.123
1.3142E+02	53.02	.080	1.2301E+02	4.70	.138	1.1539E+02	.546	.145
1.3123E+02	46.53	.101	1.2284E+02	3.62	.137	1.1523E+02	.612	.135
1.3103E+02	35.23	.170	1.2266E+02	3.26	.077	1.1507E+02	.670	.111
1.3084E+02	20.93	.211	1.2249E+02	3.19	.070	1.1491E+02	.704	.093
1.3065E+02	9.73	.277	1.2232E+02	2.92	.078	1.1476E+02	.768	.116
1.3046E+02	4.51	.291	1.2215E+02	2.41	.135	1.1460E+02	.817	.123
1.3027E+02	3.17	.177	1.2197E+02	2.30	.067	1.1445E+02	.907	.132
1.3008E+02	3.38	.170	1.2180E+02	2.02	.075	1.1429E+02	1.043	.142
1.2989E+02	4.29	.211	1.2163E+02	2.00	.068	1.1413E+02	1.255	.142
1.2970E+02	5.98	.267	1.2146E+02	1.82	.084	1.1398E+02	1.484	.138
1.2952E+02	9.09	.304	1.2129E+02	1.75	.078	1.1382E+02	1.614	.184
1.2933E+02	15.23	.299	1.2112E+02	1.62	.094	1.1367E+02	2.295	.233
1.2914E+02	27.15	.379	1.2095E+02	1.48	.112	1.1351E+02	3.950	.436
1.2896E+02	52.33	.427	1.2078E+02	1.48	.093	1.1336E+02	8.184	.505
1.2877E+02	115.13	.353	1.2061E+02	1.44	.088	1.1321E+02	20.26	.507
1.2858E+02	216.47	.354	1.2044E+02	1.30	.110	1.1305E+02	47.40	.417
1.2840E+02	341.84	.272	1.2028E+02	1.31	.071	1.1290E+02	88.77	.269
1.2821E+02	449.89	.180	1.2011E+02	1.16	.095	1.1275E+02	121.61	.164

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.1260E+02	127.27	.095	1.0591E+02	174.340	.134	9.9542E+01	.962	.167
1.1244E+02	110.07	.079	1.0563E+02	61.223	.163	9.9416E+01	1.028	.141
1.1229E+02	79.60	.145	1.0549E+02	31.518	.170	9.9289E+01	.997	.134
1.1214E+02	48.02	.228	1.0535E+02	16.735	.146	9.9163E+01	.864	.171
1.1199E+02	26.18	.260	1.0508E+02	6.166	.117	9.9038E+01	.754	.196
1.1184E+02	13.78	.210	1.0494E+02	4.444	.082	9.8912E+01	.692	.185
1.1169E+02	7.06	.242	1.0480E+02	3.797	.080	9.8787E+01	.695	.184
1.1154E+02	3.92	.285	1.0467E+02	2.963	.090	9.8662E+01	.701	.207
1.1139E+02	2.58	.198	1.0453E+02	2.095	.128	9.8537E+01	.803	.111
1.1124E+02	2.06	.133	1.0439E+02	1.574	.118	9.8413E+01	.643	.162
1.1109E+02	1.98	.089	1.0426E+02	1.427	.080	9.8289E+01	.594	.158
1.1094E+02	2.06	.075	1.0412E+02	1.310	.081	9.8164E+01	.561	.182
1.1079E+02	2.06	.075	1.0399E+02	1.246	.082	9.8041E+01	.552	.259
1.1064E+02	1.86	.085	1.0385E+02	1.207	.145	9.7917E+01	.691	.215
1.1049E+02	1.52	.178	1.0372E+02	1.390	.246	9.7794E+01	.832	.141
1.1035E+02	1.30	.217	1.0358E+02	2.437	.290	9.7671E+01	.727	.172
1.1020E+02	1.32	.112	1.0345E+02	4.531	.280	9.7548E+01	.544	.281
1.1005E+02	1.41	.079	1.0332E+02	10.853	.360	9.7425E+01	.446	.364
1.0991E+02	1.43	.076	1.0318E+02	33.330	.220	9.7303E+01	.354	.461
1.0976E+02	1.43	.092	1.0305E+02	63.590	.143	9.7180E+01	.270	.544
1.0961E+02	1.53	.100	1.0292E+02	84.762	.113	9.7059E+01	.234	.570
1.0947E+02	1.72	.110	1.0278E+02	93.777	.093	9.6937E+01	.308	.307
1.0932E+02	1.80	.084	1.0265E+02	89.587	.079	9.6815E+01	.211	.428
1.0917E+02	1.78	.093	1.0252E+02	71.193	.079	9.6694E+01	.233	.287
1.0903E+02	1.97	.113	1.0239E+02	45.289	.102	9.6573E+01	.229	.266
1.0888E+02	2.33	.165	1.0225E+02	27.250	.087	9.6452E+01	.246	.323
1.0874E+02	2.96	.148	1.0212E+02	16.339	.107	9.6332E+01	.322	.332
1.0859E+02	3.96	.199	1.0199E+02	10.165	.127	9.6211E+01	.376	.322
1.0845E+02	6.11	.258	1.0186E+02	7.024	.112	9.6091E+01	.339	.339
1.0831E+02	11.13	.410	1.0173E+02	5.037	.085	9.5971E+01	.270	.366
1.0816E+02	25.98	.393	1.0160E+02	3.985	.085	9.5852E+01	.231	.402
1.0802E+02	58.33	.339	1.0147E+02	3.073	.090	9.5732E+01	.291	.116
1.0788E+02	95.45	.208	1.0134E+02	2.508	.087	9.5613E+01	.188	.356
1.0774E+02	124.50	.108	1.0121E+02	2.329	.087	9.5494E+01	.176	.409
1.0759E+02	130.52	.087	1.0108E+02	2.239	.082	9.5375E+01	.154	.460
1.0745E+02	106.41	.140	1.0095E+02	1.956	.098	9.5256E+01	.162	.348
1.0731E+02	69.83	.225	1.0082E+02	1.798	.105	9.5138E+01	.173	.369
1.0717E+02	36.74	.202	1.0069E+02	1.731	.082	9.5020E+01	.131	.462
1.0703E+02	18.45	.160	1.0056E+02	1.530	.107	9.4902E+01	.090	.473
1.0689E+02	16.52	.161	1.0043E+02	1.281	.143	9.4784E+01	.096	.243
1.0674E+02	30.76	.281	1.0031E+02	1.279	.092	9.4667E+01	.056	.701
1.0660E+02	70.09	.280	1.0018E+02	1.096	.130	9.4550E+01	.058	.729
1.0646E+02	138.32	.274	1.0005E+02	1.062	.110	9.4432E+01	.089	.260
1.0632E+02	212.12	.202	9.9923E+01	.988	.108	9.4316E+01	.046	.863
1.0618E+02	253.17	.120	9.9796E+01	.947	.117	9.4199E+01	.061	.712
1.0605E+02	236.66	.086	9.9669E+01	1.046	.101	9.4083E+01	.125	.199

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
9.3967E+01	.125	.329	8.8847E+01	.049	1.270	8.4135E+01	-.033	1.227
9.3851E+01	.171	.244	8.8740E+01	.082	.321	8.4037E+01	-.048	.838
9.3735E+01	.182	.283	8.8634E+01	.018	1.800	8.3938E+01	-.057	.922
9.3619E+01	.203	.147	8.8528E+01	-.008	5.486	8.3840E+01	-.027	1.034
9.3504E+01	.114	.387	8.8422E+01	.001	24.315	8.3743E+01	-.042	.981
9.3389E+01	.136	.189	8.8316E+01	-.046	.716	8.3645E+01	-.041	1.277
9.3274E+01	.091	.365	8.8210E+01	-.063	.688	8.3548E+01	-.010	3.020
9.3159E+01	.093	.486	8.8105E+01	-.039	.634	8.3451E+01	-.056	1.133
9.3045E+01	.110	.221	8.7999E+01	-.077	.441	8.3354E+01	-.024	2.763
9.2931E+01	.064	.492	8.7894E+01	-.087	.513	8.3257E+01	.053	.849
9.2817E+01	.061	.508	8.7789E+01	-.068	.345	8.3160E+01	.123	.408
9.2703E+01	.074	.446	8.7685E+01	-.085	.529	8.3064E+01	.141	.430
9.2589E+01	.042	.876	8.7580E+01	-.065	.410	8.2967E+01	.186	.567
9.2476E+01	.011	4.009	8.7476E+01	-.071	.637	8.2871E+01	.441	.124
9.2363E+01	.046	.856	8.7372E+01	-.034	.705	8.2775E+01	.387	.465
9.2249E+01	.183	.168	8.7268E+01	-.038	.907	8.2679E+01	.408	.428
9.2137E+01	.221	.467	8.7164E+01	-.027	1.661	8.2583E+01	.405	.382
9.2024E+01	.334	.300	8.7060E+01	.006	4.116	8.2488E+01	.397	.365
9.1912E+01	.531	.192	8.6957E+01	-.037	.957	8.2392E+01	.487	.120
9.1800E+01	.755	.153	8.6854E+01	-.055	.828	8.2297E+01	.338	.272
9.1688E+01	.680	.231	8.6751E+01	-.043	.567	8.2202E+01	.285	.307
9.1576E+01	.446	.401	8.6648E+01	-.052	.680	8.2107E+01	.234	.444
9.1464E+01	.241	.560	8.6545E+01	-.056	.641	8.2013E+01	.236	.411
9.1353E+01	.119	.541	8.6443E+01	-.060	.596	8.1918E+01	.276	.413
9.1242E+01	.072	.745	8.6340E+01	-.055	.853	8.1824E+01	.574	.124
9.1131E+01	.129	.208	8.6238E+01	-.023	1.112	8.1729E+01	.838	.197
9.1020E+01	.109	.699	8.6136E+01	-.013	2.903	8.1635E+01	1.314	.160
9.0910E+01	.212	.467	8.6035E+01	-.044	1.076	8.1541E+01	1.535	.151
9.0799E+01	.340	.343	8.5933E+01	-.118	.775	8.1448E+01	1.436	.186
9.0689E+01	.456	.212	8.5831E+01	-.028	1.666	8.1354E+01	1.048	.343
9.0579E+01	.557	.124	8.5730E+01	-.043	1.487	8.1261E+01	.570	.835
9.0469E+01	.570	.136	8.5629E+01	.000	823.370	8.1168E+01	.679	.239
9.0360E+01	.523	.160	8.5528E+01	.003	16.789	8.1075E+01	.354	.561
9.0251E+01	.477	.123	8.5428E+01	.037	.733	8.0981E+01	.361	.395
9.0141E+01	.296	.251	8.5327E+01	.014	3.647	8.0889E+01	.317	.358
9.0032E+01	.183	.639	8.5227E+01	.035	1.632	8.0796E+01	.287	.453
8.9924E+01	.136	.805	8.5127E+01	.040	1.261	8.0704E+01	.402	.137
8.9815E+01	.128	.498	8.5027E+01	.011	3.624	8.0611E+01	.292	.455
8.9707E+01	.104	.408	8.4927E+01	-.005	10.648	8.0519E+01	.415	.142
8.9599E+01	.032	1.496	8.4827E+01	.049	.587	8.0427E+01	.278	.367
8.9491E+01	.028	.888	8.4728E+01	.024	2.667	8.0336E+01	.253	.419
8.9383E+01	-.002	18.794	8.4628E+01	.044	1.327	8.0244E+01	.301	.548
8.9275E+01	.002	16.939	8.4529E+01	.080	.387	8.0152E+01	.579	.352
8.9168E+01	.057	.426	8.4430E+01	.006	6.191	8.0061E+01	.631	.335
8.9061E+01	.061	.823	8.4332E+01	-.005	10.904	7.9970E+01	.804	.103
8.8954E+01	.073	.790	8.4233E+01	.006	4.519	7.9879E+01	.673	.219

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
7.9788E+01	.900	.098	7.5769E+01	33.23	.085	7.2047E+01	5.901	.158
7.9697E+01	.803	.331	7.5686E+01	38.41	.091	7.1970E+01	4.873	.152
7.9607E+01	1.034	.246	7.5602E+01	43.32	.088	7.1892E+01	4.497	.108
7.9516E+01	1.142	.249	7.5518E+01	50.92	.110	7.1814E+01	4.844	.090
7.9426E+01	1.115	.255	7.5434E+01	62.53	.119	7.1737E+01	5.228	.080
7.9336E+01	1.328	.086	7.5351E+01	77.03	.101	7.1659E+01	4.657	.137
7.9246E+01	1.020	.257	7.5268E+01	89.89	.091	7.1582E+01	4.200	.160
7.9156E+01	1.026	.300	7.5185E+01	105.57	.091	7.1505E+01	4.701	.088
7.9066E+01	1.357	.199	7.5102E+01	133.21	.120	7.1428E+01	5.312	.078
7.8977E+01	1.576	.166	7.5019E+01	168.37	.144	7.1351E+01	5.116	.090
7.8888E+01	1.536	.196	7.4936E+01	214.75	.171	7.1274E+01	5.206	.096
7.8798E+01	1.378	.270	7.4854E+01	287.03	.170	7.1198E+01	5.590	.079
7.8709E+01	1.329	.238	7.4771E+01	367.11	.156	7.1121E+01	5.183	.091
7.8620E+01	1.463	.213	7.4689E+01	476.28	.167	7.1045E+01	5.069	.092
7.8532E+01	1.711	.202	7.4607E+01	628.23	.161	7.0969E+01	4.762	.093
7.8443E+01	2.140	.081	7.4525E+01	794.44	.160	7.0893E+01	4.877	.092
7.8355E+01	1.831	.190	7.4443E+01	901.06	.136	7.0817E+01	5.364	.091
7.8266E+01	1.969	.211	7.4361E+01	959.00	.110	7.0741E+01	5.237	.092
7.8178E+01	2.293	.217	7.4279E+01	972.64	.091	7.0665E+01	4.565	.094
7.8090E+01	2.660	.156	7.4198E+01	946.79	.076	7.0590E+01	4.407	.102
7.8002E+01	3.225	.123	7.4117E+01	878.30	.082	7.0514E+01	4.829	.079
7.7915E+01	3.145	.173	7.4035E+01	770.13	.098	7.0439E+01	4.645	.107
7.7827E+01	3.476	.171	7.3954E+01	638.16	.107	7.0363E+01	5.214	.094
7.7740E+01	3.862	.150	7.3873E+01	518.08	.148	7.0288E+01	5.123	.093
7.7653E+01	4.142	.118	7.3792E+01	426.28	.170	7.0213E+01	4.633	.095
7.7565E+01	4.503	.086	7.3712E+01	334.91	.155	7.0138E+01	4.300	.098
7.7478E+01	4.898	.096	7.3631E+01	276.40	.111	7.0064E+01	3.573	.171
7.7392E+01	6.463	.095	7.3551E+01	229.51	.081	6.9989E+01	3.071	.295
7.7305E+01	6.454	.090	7.3470E+01	192.82	.068	6.9914E+01	3.565	.124
7.7218E+01	6.091	.091	7.3390E+01	165.85	.087	6.9840E+01	3.994	.107
7.7132E+01	6.428	.079	7.3310E+01	141.96	.096	6.9766E+01	4.320	.086
7.7046E+01	7.442	.085	7.3230E+01	125.71	.086	6.9691E+01	3.965	.103
7.6960E+01	7.686	.082	7.3151E+01	113.34	.103	6.9617E+01	3.673	.106
7.6874E+01	7.980	.073	7.3071E+01	99.83	.104	6.9544E+01	3.434	.113
7.6788E+01	8.959	.074	7.2991E+01	85.71	.074	6.9470E+01	2.798	.256
7.6702E+01	10.273	.079	7.2912E+01	74.86	.075	6.9396E+01	3.019	.179
7.6617E+01	10.431	.075	7.2833E+01	67.42	.071	6.9322E+01	3.673	.107
7.6531E+01	10.872	.097	7.2754E+01	62.52	.069	6.9249E+01	3.896	.106
7.6446E+01	13.450	.080	7.2675E+01	54.33	.088	6.9176E+01	3.742	.129
7.6361E+01	15.647	.072	7.2596E+01	44.05	.106	6.9102E+01	3.945	.086
7.6276E+01	16.960	.075	7.2517E+01	36.62	.112	6.9029E+01	3.396	.145
7.6191E+01	17.688	.072	7.2439E+01	31.41	.107	6.8956E+01	3.244	.154
7.6107E+01	19.889	.087	7.2360E+01	25.39	.097	6.8883E+01	3.181	.157
7.6022E+01	23.019	.100	7.2282E+01	19.13	.139	6.8811E+01	3.118	.138
7.5938E+01	25.689	.086	7.2203E+01	14.38	.107	6.8738E+01	3.062	.117
7.5854E+01	28.603	.089	7.2125E+01	9.56	.221	6.8665E+01	2.542	.133

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
6.8593E+01	2.724	.098	6.5381E+01	.899	.290	6.2390E+01	.619	.324
6.8521E+01	2.226	.206	6.5314E+01	.937	.281	6.2327E+01	.422	.682
6.8448E+01	2.453	.130	6.5247E+01	.835	.310	6.2265E+01	.492	.399
6.8376E+01	3.006	.121	6.5180E+01	.884	.209	6.2202E+01	.423	.700
6.8304E+01	2.847	.124	6.5113E+01	.738	.342	6.2140E+01	.446	.654
6.8233E+01	2.145	.168	6.5046E+01	.756	.341	6.2077E+01	.463	.644
6.8161E+01	2.132	.103	6.4979E+01	.804	.220	6.2015E+01	.140	1.798
6.8089E+01	1.794	.154	6.4912E+01	.658	.383	6.1953E+01	.364	.789
6.8018E+01	1.937	.179	6.4846E+01	.626	.405	6.1891E+01	.747	.451
6.7946E+01	2.201	.146	6.4779E+01	.649	.262	6.1829E+01	.683	.478
6.7875E+01	2.407	.102	6.4713E+01	.622	.399	6.1767E+01	.988	.391
6.7804E+01	2.059	.164	6.4647E+01	.699	.369	6.1705E+01	2.311	.227
6.7733E+01	2.034	.171	6.4581E+01	.974	.199	6.1643E+01	1.309	.301
6.7662E+01	2.004	.195	6.4515E+01	.822	.325	6.1582E+01	.629	.497
6.7591E+01	2.693	.135	6.4448E+01	.841	.327	6.1520E+01	.934	.245
6.7520E+01	2.028	.151	6.4383E+01	.895	.309	6.1459E+01	.646	.513
6.7450E+01	1.523	.251	6.4317E+01	1.143	.276	6.1398E+01	.632	.499
6.7379E+01	1.287	.284	6.4251E+01	.667	.486	6.1336E+01	.774	.290
6.7309E+01	1.120	.361	6.4186E+01	1.032	.291	6.1275E+01	.902	.412
6.7238E+01	1.096	.376	6.4120E+01	1.642	.222	6.1214E+01	.465	.646
6.7168E+01	1.555	.128	6.4055E+01	1.832	.139	6.1153E+01	.289	.993
6.7098E+01	.958	.452	6.3990E+01	1.290	.284	6.1092E+01	.339	.595
6.7028E+01	1.064	.344	6.3925E+01	1.101	.273	6.1032E+01	.328	.966
6.6958E+01	1.045	.292	6.3859E+01	1.291	.172	6.0971E+01	.252	1.134
6.6889E+01	1.322	.137	6.3794E+01	1.064	.287	6.0910E+01	.258	1.136
6.6819E+01	1.242	.238	6.3730E+01	1.078	.282	6.0850E+01	.121	2.287
6.6749E+01	1.231	.240	6.3665E+01	.964	.308	6.0789E+01	-.076	3.639
6.6680E+01	1.130	.260	6.3600E+01	1.071	.197	6.0729E+01	.212	1.377
6.6611E+01	1.323	.304	6.3536E+01	.855	.345	6.0669E+01	.378	.567
6.6541E+01	1.888	.121	6.3471E+01	.828	.345	6.0609E+01	.291	1.122
6.6472E+01	1.546	.305	6.3407E+01	.604	.439	6.0549E+01	.199	1.497
6.6403E+01	1.175	.468	6.3342E+01	.500	.370	6.0489E+01	.120	1.671
6.6334E+01	1.370	.141	6.3278E+01	.427	.631	6.0429E+01	.193	1.689
6.6266E+01	1.023	.277	6.3214E+01	.381	.641	6.0369E+01	.377	.577
6.6197E+01	1.228	.219	6.3150E+01	.469	.563	6.0309E+01	.274	1.184
6.6128E+01	1.120	.284	6.3086E+01	.847	.366	6.0250E+01	.476	.476
6.6060E+01	1.019	.255	6.3023E+01	1.012	.235	6.0190E+01	.129	2.462
6.5992E+01	1.348	.154	6.2959E+01	.559	.506	6.0131E+01	.093	2.212
6.5923E+01	1.038	.247	6.2895E+01	.492	.561	6.0071E+01	.108	3.032
6.5855E+01	.960	.260	6.2832E+01	.622	.319	6.0012E+01	.028	11.823
6.5787E+01	.709	.380	6.2768E+01	.621	.439	5.9953E+01	.506	.663
6.5719E+01	.691	.346	6.2705E+01	.826	.257	5.9894E+01	.736	.328
6.5651E+01	1.007	.184	6.2642E+01	.576	.508	5.9835E+01	.291	1.160
6.5584E+01	.959	.336	6.2579E+01	.461	.611	5.9776E+01	.218	1.381
6.5516E+01	.963	.272	6.2516E+01	.231	1.053	5.9717E+01	.163	2.014
6.5449E+01	.902	.290	6.2453E+01	.263	.972	5.9658E+01	.424	.689

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
5.9600E+01	.347	1.303	5.6992E+01	.516	.786	5.4553E+01	.448	1.156
5.9541E+01	.779	.476	5.6938E+01	.842	.358	5.4501E+01	.664	.555
5.9483E+01	1.621	.274	5.6883E+01	.653	.744	5.4450E+01	.360	1.739
5.9424E+01	2.836	.189	5.6828E+01	.376	1.071	5.4399E+01	.418	1.213
5.9366E+01	4.011	.159	5.6774E+01	.247	2.148	5.4348E+01	1.173	.508
5.9308E+01	3.268	.192	5.6719E+01	.151	3.063	5.4297E+01	1.811	.242
5.9250E+01	3.453	.148	5.6665E+01	.271	1.475	5.4246E+01	.864	.792
5.9191E+01	2.563	.242	5.6611E+01	.536	.547	5.4195E+01	.622	.864
5.9133E+01	2.402	.182	5.6556E+01	.122	4.025	5.4144E+01	.524	1.043
5.9076E+01	1.458	.325	5.6502E+01	.431	.816	5.4094E+01	.227	2.318
5.9018E+01	1.108	.366	5.6448E+01	.263	1.836	5.4043E+01	.424	.897
5.8960E+01	1.051	.379	5.6394E+01	.282	2.062	5.3993E+01	.082	7.964
5.8902E+01	1.089	.287	5.6340E+01	-.096	4.836	5.3942E+01	.585	.670
5.8845E+01	.674	.604	5.6287E+01	.379	.863	5.3892E+01	.303	2.209
5.8787E+01	.470	.766	5.6233E+01	.223	2.185	5.3841E+01	.840	.488
5.8730E+01	.491	.852	5.6179E+01	.589	.548	5.3791E+01	.177	3.823
5.8673E+01	.598	.279	5.6126E+01	.363	1.675	5.3741E+01	.440	.886
5.8616E+01	.416	.929	5.6072E+01	.281	1.529	5.3691E+01	-.004	187.126
5.8559E+01	.483	.681	5.6019E+01	.292	1.773	5.3640E+01	.156	3.577
5.8502E+01	.335	1.160	5.5965E+01	1.003	.387	5.3591E+01	.988	.441
5.8445E+01	.422	.919	5.5912E+01	.871	.640	5.3541E+01	1.262	.665
5.8388E+01	.563	.645	5.5859E+01	.997	.513	5.3491E+01	1.566	.297
5.8331E+01	.545	.298	5.5806E+01	1.144	.359	5.3441E+01	.992	.796
5.8274E+01	.620	.684	5.5753E+01	.630	.961	5.3391E+01	1.017	.616
5.8217E+01	.564	.808	5.5700E+01	.266	1.486	5.3341E+01	1.263	.363
5.8161E+01	.468	.921	5.5647E+01	-.069	7.628	5.3292E+01	.583	1.260
5.8104E+01	.660	.323	5.5594E+01	.064	6.966	5.3242E+01	1.148	.572
5.8048E+01	.800	.354	5.5541E+01	.321	1.406	5.3193E+01	1.952	.262
5.7992E+01	.506	.832	5.5488E+01	.527	.881	5.3144E+01	1.906	.260
5.7936E+01	.774	.356	5.5436E+01	.287	1.579	5.3094E+01	1.540	.558
5.7880E+01	.648	.707	5.5383E+01	-.347	1.849	5.3045E+01	2.003	.468
5.7823E+01	.813	.410	5.5331E+01	-.062	7.357	5.2996E+01	3.396	.174
5.7767E+01	.776	.590	5.5278E+01	.643	.573	5.2947E+01	2.832	.351
5.7712E+01	.993	.324	5.5226E+01	.704	.867	5.2898E+01	3.080	.267
5.7656E+01	.620	.741	5.5174E+01	.587	.847	5.2849E+01	3.900	.334
5.7600E+01	.609	.665	5.5122E+01	.756	.463	5.2800E+01	6.763	.123
5.7544E+01	.929	.372	5.5070E+01	.424	1.361	5.2751E+01	7.345	.216
5.7489E+01	.966	.528	5.5017E+01	.270	1.735	5.2702E+01	11.57	.309
5.7433E+01	.837	.522	5.4966E+01	.127	3.686	5.2654E+01	20.36	.258
5.7378E+01	.441	.879	5.4914E+01	.225	2.139	5.2605E+01	33.84	.177
5.7323E+01	.083	4.433	5.4862E+01	.547	.639	5.2556E+01	51.27	.237
5.7267E+01	.133	1.935	5.4810E+01	.588	1.021	5.2508E+01	80.91	.218
5.7212E+01	.058	7.273	5.4759E+01	1.557	.260	5.2459E+01	108.73	.120
5.7157E+01	.132	2.814	5.4707E+01	.758	.853	5.2411E+01	122.98	.077
5.7102E+01	.601	.477	5.4656E+01	.533	.659	5.2363E+01	133.30	.073
5.7047E+01	.463	.965	5.4604E+01	.486	1.577	5.2315E+01	130.11	.078

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
5.2266E+01	120.62	.075	4.9250E+01	-1.68	.523	4.4650E+01	-4.94	.451
5.2218E+01	108.31	.097	4.9150E+01	-1.73	.625	4.4550E+01	-5.48	.475
5.2170E+01	80.68	.183	4.9050E+01	-2.46	.450	4.4450E+01	-4.89	.492
5.2122E+01	49.28	.200	4.8950E+01	-2.25	.481	4.4350E+01	-3.97	.757
5.2074E+01	26.15	.124	4.8850E+01	-1.52	.743	4.4250E+01	-2.49	.916
5.2027E+01	15.24	.115	4.8750E+01	.07	14.766	4.4150E+01	-1.73	1.303
5.1979E+01	7.22	.419	4.8650E+01	-.93	1.209	4.4050E+01	-2.59	.931
5.1931E+01	6.07	.389	4.8550E+01	-2.09	.561	4.3950E+01	-2.02	1.157
5.1883E+01	4.83	.433	4.8450E+01	-1.05	1.146	4.3850E+01	-2.04	1.566
5.1836E+01	3.69	.483	4.8350E+01	.15	8.358	4.3750E+01	-.72	4.202
5.1788E+01	4.40	.256	4.8250E+01	-.72	1.742	4.3650E+01	-.16	18.124
5.1741E+01	2.09	.676	4.8150E+01	-1.24	1.089	4.3550E+01	.75	6.887
5.1694E+01	1.50	.746	4.8050E+01	1.11	1.270	4.3450E+01	9.88	1.006
5.1646E+01	1.53	.857	4.7950E+01	1.93	.695	4.3350E+01	44.17	.390
5.1599E+01	3.07	.211	4.7850E+01	6.45	.494	4.3250E+01	150.84	.189
5.1552E+01	1.79	.770	4.7750E+01	16.20	.285	4.3150E+01	404.05	.090
5.1505E+01	3.24	.218	4.7650E+01	43.27	.104	4.3050E+01	611.00	.091
5.1458E+01	1.66	.804	4.7550E+01	70.93	.094	4.2950E+01	559.16	.092
5.1411E+01	1.20	.840	4.7450E+01	55.31	.117	4.2850E+01	346.56	.096
5.1364E+01	.76	1.148	4.7350E+01	33.98	.229	4.2750E+01	197.36	.097
5.1317E+01	.91	.968	4.7250E+01	13.16	.459	4.2650E+01	135.13	.165
5.1270E+01	.78	1.345	4.7150E+01	9.93	.298	4.2550E+01	113.97	.141
5.1224E+01	1.01	.804	4.7050E+01	4.80	.523	4.2450E+01	117.63	.128
5.1177E+01	1.00	.802	4.6950E+01	4.93	.443	4.2350E+01	77.00	.168
5.1130E+01	.46	1.680	4.6850E+01	2.77	.603	4.2250E+01	52.80	.138
5.1084E+01	.55	.996	4.6750E+01	1.58	1.333	4.2150E+01	27.29	.336
5.1037E+01	.16	6.459	4.6650E+01	.60	2.833	4.2050E+01	22.17	.234
5.0991E+01	.74	.950	4.6550E+01	.17	9.241	4.1950E+01	12.65	.347
5.0944E+01	.27	3.816	4.6450E+01	.75	2.768	4.1850E+01	6.53	.596
5.0898E+01	.71	.803	4.6350E+01	-.20	7.708	4.1750E+01	5.10	.731
5.0850E+01	-.18	4.994	4.6250E+01	-.96	1.998	4.1650E+01	2.31	1.501
5.0750E+01	-.60	1.304	4.6150E+01	-2.76	.635	4.1550E+01	.99	3.316
5.0650E+01	-1.05	.745	4.6050E+01	-1.96	.845	4.1450E+01	-.60	5.344
5.0550E+01	-1.02	.794	4.5950E+01	-1.68	1.060	4.1350E+01	-1.58	2.334
5.0450E+01	-1.03	.894	4.5850E+01	-2.63	.683	4.1250E+01	-.43	9.950
5.0350E+01	-1.22	.725	4.5750E+01	-2.41	.727	4.1150E+01	-.36	10.858
5.0250E+01	-1.22	.703	4.5650E+01	-2.61	.600	4.1050E+01	-2.89	1.156
5.0150E+01	-1.35	.640	4.5550E+01	-2.98	.610	4.0950E+01	-3.67	.962
5.0050E+01	-1.16	.766	4.5450E+01	-1.93	1.120	4.0850E+01	-5.58	.701
4.9950E+01	-1.58	.613	4.5350E+01	-2.50	.838	4.0750E+01	-6.88	.588
4.9850E+01	-1.93	.545	4.5250E+01	-3.83	.507	4.0650E+01	-4.16	.964
4.9750E+01	-2.49	.469	4.5150E+01	-3.90	.521	4.0550E+01	-5.23	.841
4.9650E+01	-2.55	.395	4.5050E+01	-3.63	.544	4.0450E+01	-4.30	1.000
4.9550E+01	-1.40	.723	4.4950E+01	-4.04	.495	4.0350E+01	-4.77	.902
4.9450E+01	-1.55	.642	4.4850E+01	-4.09	.522	4.0250E+01	-6.40	.645
4.9350E+01	-2.33	.533	4.4750E+01	-4.14	.444	4.0150E+01	-5.97	.673

III. ^{233}U: D. W. Bergen[8]

The low-energy data are a weighted average of six readings; two each of three signals at 15, 55, and 90°. Base line following the catastrophe was taken to be the same as step 0 of the post-signal calibration signal with no arbitrary shifts. The high-energy data shown in Fig. 4 are the average of two readings of the 55° high-resolution recording with two readings of the 90° high-resolution recording. Figures 5 and 6 show the averages of the readings at each angle, with a line drawn through the overall average, over the ranges 10 to 200 eV and 200 to 5000 eV. The 15° data were not included in the average above 1000 eV. The average data are listed in Table III. The standard deviations ($\delta\sigma/\sigma$) include the correlated errors, which are ±5.7% above 64 keV and ±4.1% below 10 keV.

No correction has been made for target contaminants (2.9% ^{235}U) or for source-resolution function.

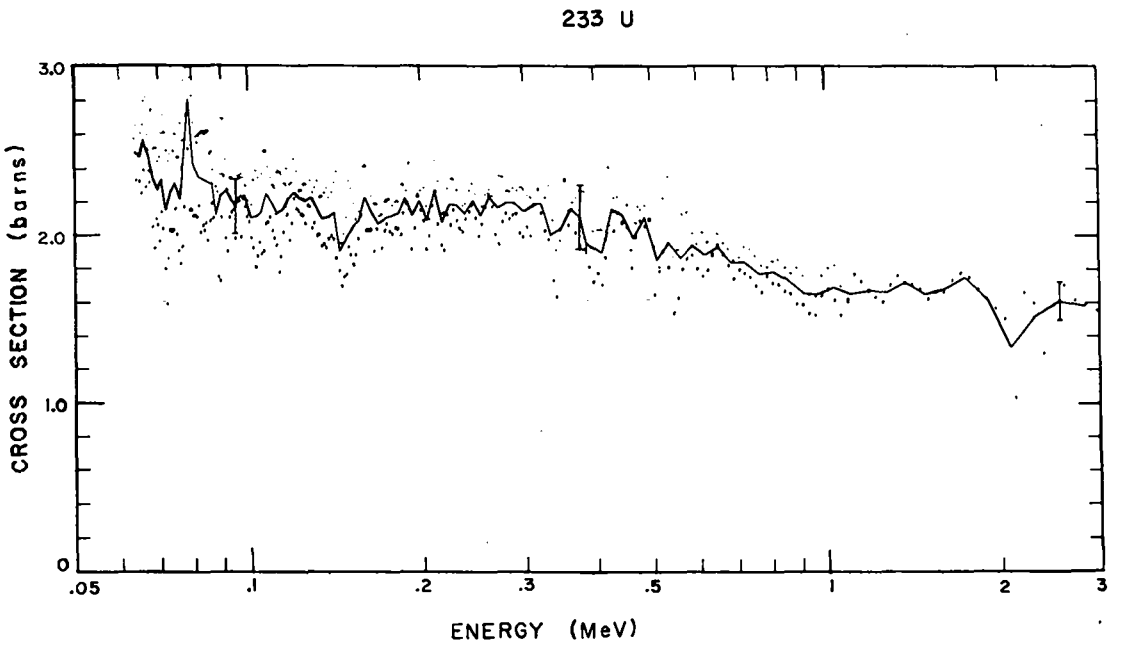

Fig. 4. Fission cross section of ^{233}U. The line is the average of two high-resolution signals records, (55 and 90°).

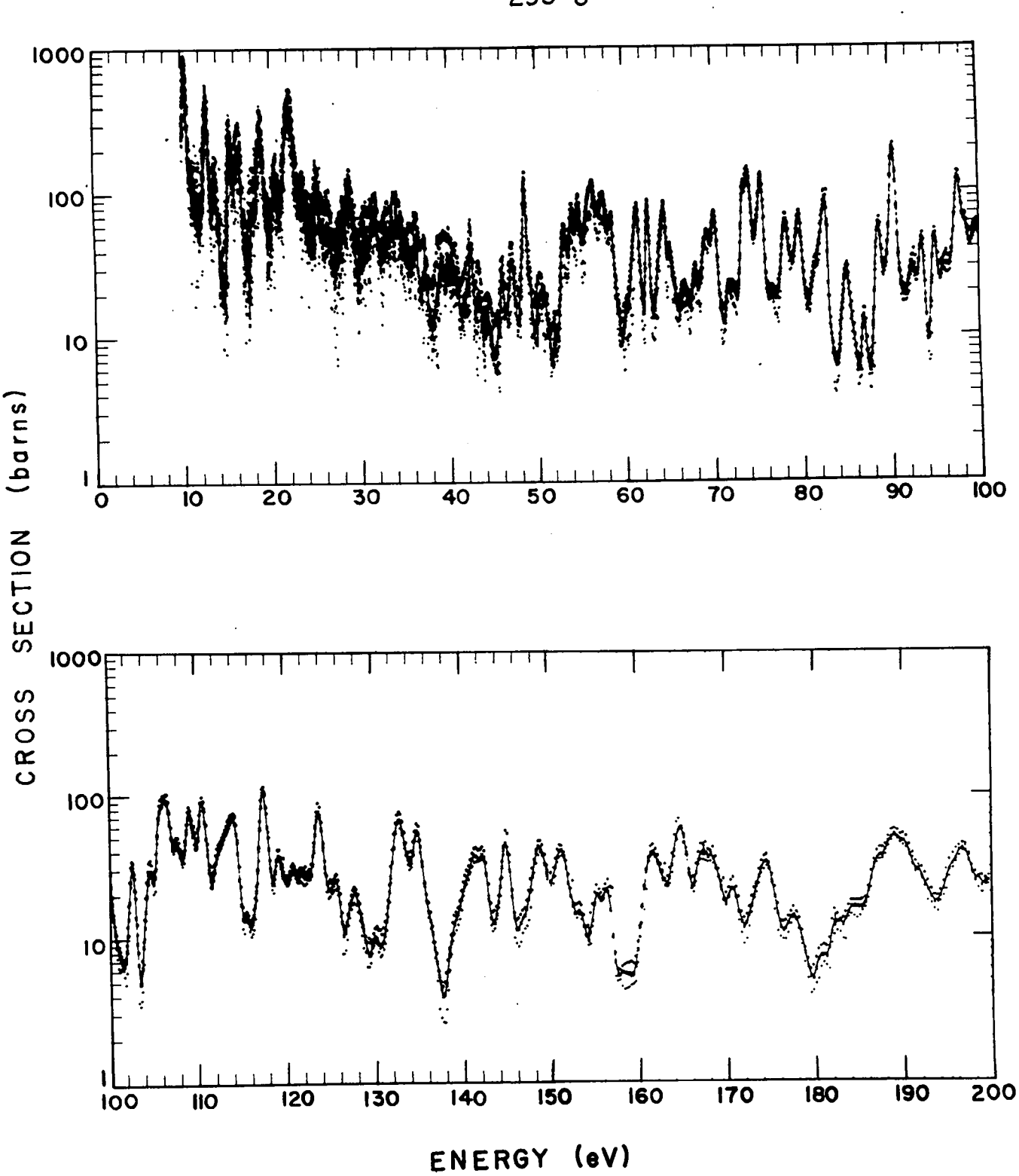

Fig. 5. Fission cross section of ^{233}U. The line is the average of signals at 15, 55, and 90°.

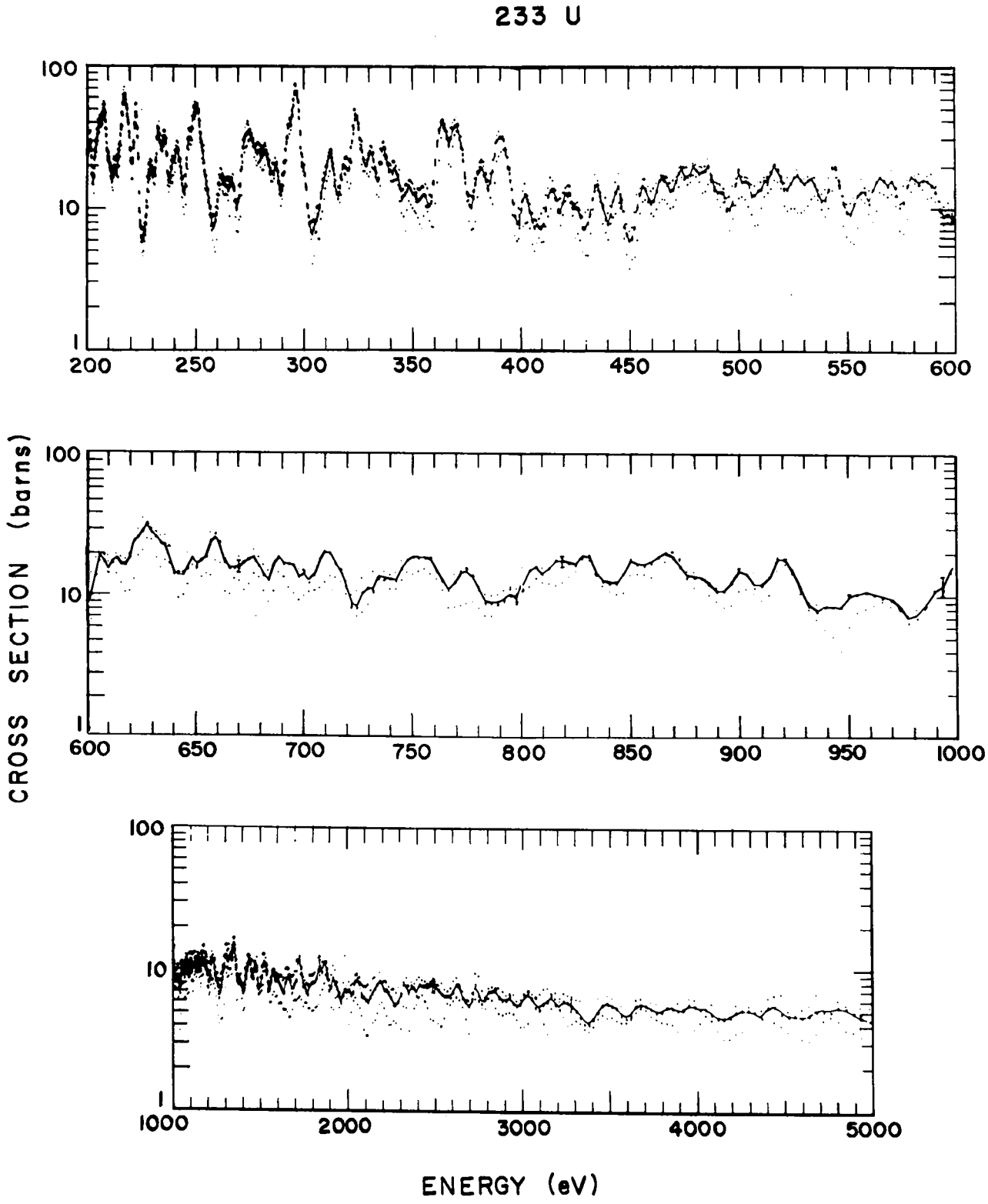

Fig. 6. Fission cross section of ^{233}U. The line is the average of signals at 15, 55, and 90°.

TABLE III

FISSION CROSS SECTION OF ^{233}U (D. W. BERGEN[8])

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.8450E+06	1.59	.067	2.5471E+05	2.12	.065	8.8074E+04	2.12	.108
2.5585E+06	1.61	.070	2.4660E+05	2.21	.065	8.6410E+04	2.31	.101
2.3132E+06	1.52	.083	2.3888E+05	2.13	.065	8.4794E+04	2.33	.139
2.1016E+06	1.33	.122	2.3152E+05	2.16	.071	8.3222E+04	2.33	.134
1.9177E+06	1.62	.063	2.2449E+05	2.19	.076	8.1693E+04	2.36	.112
1.7570E+06	1.75	.062	2.1778E+05	2.08	.078	8.0206E+04	2.44	.140
1.6157E+06	1.68	.062	2.1136E+05	2.27	.069	7.8759E+04	2.81	.137
1.4908E+06	1.66	.060	2.0522E+05	2.09	.074	7.7352E+04	2.45	.155
1.3798E+06	1.72	.060	1.9935E+05	2.21	.064	7.5981E+04	2.22	.151
1.2808E+06	1.66	.060	1.9373E+05	2.12	.069	7.4647E+04	2.32	.117
1.1920E+06	1.67	.061	1.8834E+05	2.23	.062	7.3347E+04	2.25	.133
1.1122E+06	1.66	.065	1.8317E+05	2.13	.075	7.2081E+04	2.16	.199
1.0401E+06	1.69	.078	1.7821E+05	2.11	.072	7.0848E+04	2.33	.131
9.7487E+05	1.65	.068	1.7345E+05	2.10	.071	6.9646E+04	2.27	.111
9.1556E+05	1.66	.077	1.6888E+05	2.07	.070	6.8474E+04	2.34	.083
8.6149E+05	1.73	.072	1.6448E+05	2.12	.085	6.7332E+04	2.47	.083
8.1208E+05	1.79	.066	1.6026E+05	2.23	.096	6.6218E+04	2.55	.101
7.6681E+05	1.78	.073	1.5620E+05	2.08	.072	6.5132E+04	2.47	.095
7.2521E+05	1.85	.069	1.5229E+05	2.05	.107	6.4072E+04	2.49	.088
6.8692E+05	1.85	.063	1.4852E+05	1.98	.103	9.8743E+03	5.48	.532
6.5157E+05	1.94	.060	1.4489E+05	1.91	.101	9.6257E+03	4.83	.364
6.1889E+05	1.89	.075	1.4140E+05	2.14	.106	9.3863E+03	4.69	.343
5.8861E+05	1.95	.074	1.3802E+05	2.11	.092	9.1558E+03	5.25	.346
5.6050E+05	1.87	.100	1.3477E+05	2.10	.088	8.9337E+03	4.81	.344
5.3435E+05	1.96	.121	1.3163E+05	2.16	.083	8.7195E+03	4.79	.328
5.0999E+05	1.86	.072	1.2860E+05	2.23	.071	8.5130E+03	5.48	.324
4.8726E+05	2.11	.069	1.2568E+05	2.21	.074	8.3137E+03	5.36	.333
4.6602E+05	1.99	.066	1.2285E+05	2.22	.068	8.1213E+03	4.59	.399
4.4614E+05	2.12	.078	1.2012E+05	2.26	.080	7.9356E+03	4.78	.311
4.2750E+05	2.16	.099	1.1747E+05	2.22	.081	7.7561E+03	5.01	.313
4.1001E+05	1.90	.086	1.1492E+05	2.15	.107	7.5827E+03	4.33	.302
3.9356E+05	1.94	.099	1.1244E+05	2.13	.121	7.4150E+03	4.78	.291
3.7809E+05	2.11	.093	1.1005E+05	2.20	.084	7.2528E+03	5.36	.290
3.6352E+05	2.16	.063	1.0773E+05	2.25	.116	7.0959E+03	5.28	.293
3.4977E+05	2.04	.085	1.0548E+05	2.13	.117	6.9440E+03	4.76	.286
3.3678E+05	2.01	.100	1.0330E+05	2.11	.131	6.7969E+03	4.83	.272
3.2451E+05	2.19	.061	1.0119E+05	2.10	.068	6.6545E+03	6.18	.277
3.1289E+05	2.18	.067	9.9144E+04	2.23	.064	6.5165E+03	5.21	.274
3.0189E+05	2.14	.083	9.7159E+04	2.24	.077	6.3827E+03	4.93	.267
2.9146E+05	2.19	.069	9.5233E+04	2.17	.074	6.2530E+03	4.93	.250
2.8156E+05	2.20	.071	9.3364E+04	2.21	.075	6.1273E+03	5.85	.257
2.7215E+05	2.16	.093	9.1549E+04	2.27	.106	6.0053E+03	5.15	.256
2.6321E+05	2.23	.060	8.9786E+04	2.24	.142	5.8869E+03	5.21	.242

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
5.7719E+03	5.84	.242	3.6453E+03	5.39	.144	2.6212E+03	7.67	.098
5.6603E+03	5.23	.243	3.6170E+03	4.83	.135	2.6039E+03	6.93	.097
5.5519E+03	4.82	.288	3.5891E+03	4.71	.130	2.5869E+03	6.52	.096
5.4466E+03	5.51	.221	3.5615E+03	4.96	.127	2.5700E+03	6.52	.096
5.3443E+03	6.18	.231	3.5342E+03	5.39	.129	2.5532E+03	6.54	.109
5.2448E+03	5.70	.220	3.5072E+03	5.64	.128	2.5366E+03	6.82	.138
5.1481E+03	5.43	.218	3.4806E+03	5.74	.129	2.5202E+03	7.16	.123
5.0540E+03	5.82	.213	3.4542E+03	5.53	.130	2.5040E+03	7.57	.119
4.9625E+03	4.52	.266	3.4282E+03	4.98	.130	2.4879E+03	7.78	.127
4.9773E+03	4.50	.248	3.4024E+03	4.42	.128	2.4719E+03	7.63	.118
4.9323E+03	4.64	.195	3.3769E+03	4.16	.119	2.4561E+03	7.49	.095
4.8879E+03	4.99	.196	3.3517E+03	4.40	.139	2.4405E+03	7.63	.093
4.8441E+03	5.34	.197	3.3268E+03	4.86	.124	2.4250E+03	7.76	.090
4.8008E+03	5.42	.200	3.3022E+03	5.26	.117	2.4097E+03	7.61	.096
4.7582E+03	5.24	.187	3.2778E+03	5.58	.114	2.3945E+03	6.92	.118
4.7161E+03	5.31	.186	3.2537E+03	5.86	.115	2.3794E+03	7.39	.099
4.6745E+03	5.17	.192	3.2299E+03	5.83	.118	2.3645E+03	7.30	.131
4.6335E+03	4.75	.189	3.2063E+03	5.50	.109	2.3497E+03	6.91	.134
4.5931E+03	4.68	.185	3.1830E+03	5.95	.111	2.3351E+03	7.72	.112
4.5531E+03	4.73	.186	3.1599E+03	6.30	.114	2.3206E+03	7.75	.130
4.5137E+03	4.80	.180	3.1371E+03	5.88	.153	2.3062E+03	6.49	.161
4.4748E+03	5.28	.169	3.1146E+03	5.66	.136	2.2920E+03	5.90	.148
4.4364E+03	5.63	.179	3.0923E+03	5.43	.110	2.2779E+03	5.68	.122
4.3985E+03	5.30	.188	3.0702E+03	5.74	.098	2.2639E+03	5.87	.128
4.3611E+03	4.74	.171	3.0483E+03	6.38	.102	2.2501E+03	6.39	.120
4.3242E+03	5.04	.173	3.0267E+03	6.61	.113	2.2364E+03	6.80	.123
4.2877E+03	5.17	.173	3.0053E+03	6.17	.111	2.2228E+03	7.08	.114
4.2517E+03	5.15	.174	2.9842E+03	5.60	.110	2.2093E+03	7.32	.101
4.2161E+03	4.94	.174	2.9632E+03	5.57	.096	2.1960E+03	8.07	.097
4.1810E+03	4.64	.168	2.9425E+03	5.97	.096	2.1827E+03	8.11	.120
4.1463E+03	4.57	.163	2.9220E+03	6.29	.102	2.1696E+03	7.66	.136
4.1120E+03	4.71	.157	2.9017E+03	6.06	.099	2.1566E+03	7.18	.146
4.0782E+03	5.07	.154	2.8817E+03	6.15	.097	2.1438E+03	6.71	.148
4.0448E+03	5.36	.158	2.8618E+03	6.56	.096	2.1310E+03	6.14	.135
4.0118E+03	5.37	.155	2.8421E+03	7.03	.100	2.1184E+03	5.96	.175
3.9792E+03	5.56	.155	2.8227E+03	7.01	.098	2.1058E+03	6.12	.153
3.9469E+03	5.53	.162	2.8034E+03	6.76	.103	2.0934E+03	6.33	.136
3.9151E+03	5.17	.154	2.7843E+03	6.05	.101	2.0811E+03	6.86	.112
3.8837E+03	5.23	.149	2.7655E+03	6.06	.111	2.0689E+03	8.06	.106
3.8526E+03	5.43	.148	2.7468E+03	6.92	.146	2.0568E+03	8.39	.102
3.8219E+03	5.35	.151	2.7283E+03	7.49	.112	2.0448E+03	7.85	.092
3.7916E+03	5.06	.145	2.7100E+03	5.90	.113	2.0329E+03	6.77	.091
3.7616E+03	5.13	.140	2.6919E+03	5.56	.106	2.0212E+03	6.70	.109
3.7320E+03	5.39	.139	2.6739E+03	5.98	.095	2.0095E+03	7.01	.125
3.7028E+03	5.63	.140	2.6562E+03	6.62	.090	1.9979E+03	7.04	.091
3.6739E+03	5.68	.140	2.6386E+03	7.53	.095	1.9864E+03	7.18	.172

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.9750E+03	6.38	.094	1.5414E+03	9.90	.079	1.2363E+03	11.03	.093
1.9637E+03	5.89	.085	1.5336E+03	10.80	.076	1.2308E+03	11.23	.093
1.9526E+03	6.66	.083	1.5259E+03	10.98	.083	1.2252E+03	11.19	.104
1.9415E+03	7.52	.082	1.5182E+03	10.02	.119	1.2197E+03	10.18	.103
1.9305E+03	8.20	.122	1.5106E+03	8.38	.103	1.2142E+03	8.65	.134
1.9196E+03	8.34	.145	1.5031E+03	7.32	.081	1.2088E+03	8.00	.150
1.9088E+03	7.37	.119	1.4956E+03	6.88	.089	1.2033E+03	7.84	.099
1.8980E+03	7.65	.085	1.4881E+03	8.18	.126	1.1980E+03	9.55	.093
1.8874E+03	9.61	.088	1.4807E+03	10.54	.096	1.1927E+03	10.83	.071
1.8769E+03	10.93	.094	1.4734E+03	10.82	.100	1.1873E+03	10.46	.094
1.8664E+03	10.54	.101	1.4661E+03	9.54	.080	1.1821E+03	11.01	.093
1.8560E+03	9.74	.113	1.4589E+03	8.68	.076	1.1769E+03	11.17	.128
1.8458E+03	10.13	.135	1.4517E+03	9.38	.078	1.1717E+03	11.31	.130
1.8356E+03	9.47	.153	1.4446E+03	11.10	.075	1.1665E+03	12.14	.093
1.8255E+03	8.44	.138	1.4376E+03	11.37	.076	1.1614E+03	10.85	.107
1.8154E+03	8.03	.124	1.4306E+03	10.23	.089	1.1563E+03	9.60	.110
1.8055E+03	7.89	.120	1.4236E+03	9.41	.080	1.1512E+03	9.97	.090
1.7956E+03	7.75	.119	1.4167E+03	8.35	.083	1.1462E+03	10.98	.075
1.7858E+03	7.31	.120	1.4098E+03	6.80	.093	1.1412E+03	10.79	.081
1.7761E+03	6.61	.093	1.4030E+03	6.72	.081	1.1362E+03	9.68	.068
1.7665E+03	7.05	.085	1.3963E+03	7.50	.075	1.1313E+03	10.53	.074
1.7570E+03	7.48	.089	1.3896E+03	8.21	.072	1.1264E+03	11.34	.071
1.7475E+03	8.04	.102	1.3829E+03	8.55	.076	1.1216E+03	10.65	.106
1.7381E+03	10.13	.122	1.3763E+03	7.78	.107	1.1167E+03	10.40	.121
1.7288E+03	11.46	.130	1.3697E+03	8.70	.084	1.1119E+03	10.20	.126
1.7196E+03	10.55	.151	1.3632E+03	11.12	.091	1.1072E+03	9.09	.165
1.7104E+03	8.33	.161	1.3567E+03	13.99	.074	1.1024E+03	9.94	.091
1.7013E+03	7.76	.118	1.3503E+03	15.32	.075	1.0977E+03	11.29	.076
1.6923E+03	7.28	.118	1.3439E+03	13.22	.080	1.0930E+03	10.31	.113
1.6833E+03	7.17	.129	1.3376E+03	11.33	.096	1.0884E+03	8.95	.121
1.6744E+03	8.19	.133	1.3313E+03	11.98	.086	1.0837E+03	9.65	.111
1.6656E+03	8.67	.144	1.3250E+03	12.15	.107	1.0792E+03	11.21	.119
1.6569E+03	8.33	.143	1.3188E+03	11.04	.116	1.0746E+03	11.05	.148
1.6482E+03	7.65	.149	1.3127E+03	10.87	.119	1.0701E+03	9.18	.178
1.6396E+03	6.80	.130	1.3066E+03	12.31	.114	1.0656E+03	8.86	.130
1.6311E+03	6.97	.112	1.3005E+03	11.63	.147	1.0611E+03	9.50	.083
1.6226E+03	7.40	.109	1.2944E+03	9.87	.152	1.0566E+03	9.62	.068
1.6142E+03	7.80	.100	1.2884E+03	9.24	.143	1.0522E+03	9.86	.067
1.6058E+03	8.12	.093	1.2825E+03	7.96	.144	1.0478E+03	9.67	.084
1.5976E+03	8.34	.083	1.2766E+03	7.13	.157	1.0435E+03	7.53	.198
1.5894E+03	8.42	.089	1.2707E+03	6.48	.158	1.0391E+03	6.71	.160
1.5812E+03	9.20	.088	1.2649E+03	6.43	.123	1.0348E+03	7.36	.125
1.5731E+03	8.79	.092	1.2591E+03	7.64	.117	1.0305E+03	8.44	.136
1.5651E+03	7.63	.089	1.2534E+03	8.19	.107	1.0263E+03	8.96	.147
1.5571E+03	6.95	.086	1.2477E+03	8.32	.086	1.0220E+03	8.55	.103
1.5492E+03	7.76	.119	1.2420E+03	9.43	.084	1.0178E+03	8.75	.067

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.0137E+03	8.50	.071	8.4356E+02	12.18	.093	7.1495E+02	16.54	.094
1.0095E+03	7.81	.088	8.4041E+02	12.18	.077	7.1249E+02	19.59	.115
1.0054E+03	10.31	.134	8.3727E+02	12.73	.077	7.1004E+02	19.45	.117
9.9797E+02	16.09	.079	8.3415E+02	14.48	.138	7.0760E+02	16.84	.114
9.9391E+02	11.89	.169	8.3105E+02	18.84	.115	7.0518E+02	13.76	.113
9.8987E+02	10.61	.080	8.2797E+02	19.15	.091	7.0277E+02	12.45	.110
9.8587E+02	8.64	.102	8.2490E+02	16.63	.087	7.0037E+02	13.92	.106
9.8188E+02	7.28	.105	8.2185E+02	17.04	.085	6.9799E+02	13.22	.109
9.7792E+02	6.93	.116	8.1882E+02	17.49	.093	6.9561E+02	15.79	.119
9.7399E+02	8.38	.083	8.1581E+02	17.45	.108	6.9325E+02	16.27	.113
9.7008E+02	9.54	.083	8.1281E+02	15.64	.091	6.9090E+02	16.46	.098
9.6619E+02	10.00	.102	8.0982E+02	14.44	.074	6.8856E+02	18.27	.107
9.6232E+02	10.35	.088	8.0686E+02	16.04	.098	6.8623E+02	16.14	.154
9.5848E+02	10.65	.096	8.0390E+02	15.15	.128	6.8392E+02	12.50	.115
9.5466E+02	10.21	.088	8.0097E+02	11.76	.160	6.8162E+02	13.71	.107
9.5087E+02	9.79	.112	7.9805E+02	9.40	.102	6.7933E+02	16.04	.087
9.4709E+02	8.16	.153	7.9515E+02	10.21	.084	6.7705E+02	18.07	.094
9.4334E+02	8.35	.132	7.9226E+02	9.27	.088	6.7478E+02	17.50	.131
9.3961E+02	8.33	.117	7.8939E+02	8.93	.077	6.7252E+02	16.58	.136
9.3590E+02	7.80	.079	7.8654E+02	8.75	.089	6.7028E+02	15.37	.104
9.3222E+02	8.61	.098	7.8370E+02	8.93	.114	6.6804E+02	15.19	.081
9.2856E+02	11.14	.134	7.8087E+02	11.02	.097	6.6582E+02	15.16	.117
9.2492E+02	14.87	.096	7.7807E+02	13.45	.099	6.6361E+02	17.11	.156
9.2129E+02	17.95	.070	7.7527E+02	14.75	.120	6.6140E+02	22.20	.117
9.1769E+02	17.86	.076	7.7249E+02	14.27	.133	6.5922E+02	25.33	.101
9.1412E+02	13.34	.089	7.6973E+02	12.11	.115	6.5704E+02	23.03	.138
9.1056E+02	11.77	.102	7.6698E+02	10.87	.092	6.5487E+02	18.32	.109
9.0702E+02	11.88	.113	7.6424E+02	12.52	.079	6.5271E+02	17.22	.104
9.0351E+02	14.15	.078	7.6153E+02	14.75	.088	6.5056E+02	16.27	.094
9.0001E+02	14.78	.087	7.5882E+02	17.65	.079	6.4843E+02	17.74	.074
8.9654E+02	12.16	.126	7.5613E+02	18.16	.083	6.4630E+02	15.30	.140
8.9308E+02	10.71	.094	7.5345E+02	18.21	.081	6.4418E+02	13.50	.088
8.8965E+02	10.69	.075	7.5079E+02	18.33	.095	6.4208E+02	13.51	.096
8.8623E+02	12.00	.074	7.4814E+02	17.54	.097	6.3998E+02	14.38	.198
8.8283E+02	13.19	.074	7.4551E+02	15.20	.090	6.3790E+02	17.85	.118
8.7946E+02	13.40	.074	7.4289E+02	12.63	.082	6.3583E+02	22.41	.099
8.7610E+02	13.91	.098	7.4028E+02	12.75	.075	6.3376E+02	22.93	.110
8.7276E+02	16.46	.090	7.3769E+02	13.07	.072	6.3171E+02	24.98	.106
8.6944E+02	18.94	.120	7.3511E+02	13.31	.083	6.2966E+02	27.25	.087
8.6615E+02	20.17	.084	7.3254E+02	10.98	.148	6.2763E+02	30.49	.084
8.6286E+02	18.49	.083	7.2999E+02	10.97	.100	6.2560E+02	27.72	.127
8.5960E+02	17.18	.113	7.2745E+02	10.19	.140	6.2359E+02	25.10	.100
8.5636E+02	16.43	.083	7.2492E+02	8.25	.136	6.2158E+02	23.20	.146
8.5313E+02	16.72	.071	7.2241E+02	8.64	.088	6.1959E+02	17.53	.122
8.4992E+02	17.61	.077	7.1991E+02	11.37	.110	6.1760E+02	15.86	.112
8.4674E+02	14.24	.138	7.1742E+02	14.52	.079	6.1562E+02	16.13	.097

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
6.1366E+02	17.62	.079	5.3246E+02	15.70	.104	4.6638E+02	15.78	.087
6.1170E+02	16.95	.089	5.3088E+02	14.93	.109	4.6508E+02	16.37	.090
6.0975E+02	14.93	.127	5.2931E+02	15.93	.123	4.6379E+02	15.63	.101
6.0781E+02	17.22	.095	5.2774E+02	17.09	.133	4.6250E+02	13.27	.105
6.0588E+02	18.62	.090	5.2618E+02	16.54	.131	4.6122E+02	11.50	.121
6.0396E+02	13.62	.155	5.2462E+02	15.04	.118	4.5995E+02	11.11	.110
6.0205E+02	10.15	.192	5.2307E+02	13.95	.127	4.5868E+02	12.01	.105
6.0015E+02	8.80	.145	5.2153E+02	13.89	.125	4.5741E+02	13.96	.093
5.9826E+02	8.78	.096	5.2000E+02	16.64	.094	4.5615E+02	14.37	.092
5.9637E+02	9.46	.097	5.1847E+02	18.70	.068	4.5490E+02	12.47	.097
5.9450E+02	9.09	.091	5.1695E+02	20.16	.070	4.5365E+02	10.03	.160
5.9263E+02	10.33	.127	5.1544E+02	17.47	.073	4.5240E+02	7.34	.168
5.9077E+02	14.27	.104	5.1393E+02	15.77	.068	4.5116E+02	6.15	.123
5.8892E+02	15.13	.104	5.1243E+02	15.53	.080	4.4993E+02	5.91	.129
5.8708E+02	15.81	.086	5.1094E+02	13.75	.099	4.4870E+02	6.64	.114
5.8525E+02	16.19	.087	5.0945E+02	13.35	.139	4.4748E+02	7.89	.119
5.8343E+02	15.61	.083	5.0797E+02	12.43	.131	4.4626E+02	11.44	.116
5.8161E+02	16.45	.067	5.0649E+02	12.67	.116	4.4504E+02	14.56	.119
5.7981E+02	17.03	.090	5.0503E+02	15.21	.101	4.4383E+02	13.01	.119
5.7801E+02	14.33	.126	5.0356E+02	15.56	.096	4.4263E+02	11.39	.101
5.7622E+02	11.34	.176	5.0211E+02	15.55	.082	4.4143E+02	9.00	.091
5.7444E+02	10.78	.176	5.0066E+02	17.78	.103	4.4024E+02	7.90	.111
5.7267E+02	13.87	.109	4.9922E+02	14.56	.102	4.3905E+02	8.98	.165
5.7090E+02	15.98	.105	4.9778E+02	11.11	.156	4.3786E+02	10.26	.119
5.6915E+02	14.85	.096	4.9635E+02	9.91	.147	4.3668E+02	12.44	.104
5.6740E+02	15.99	.072	4.9493E+02	10.19	.136	4.3550E+02	14.92	.064
5.6566E+02	16.78	.082	4.9351E+02	12.94	.079	4.3433E+02	14.77	.097
5.6392E+02	15.51	.128	4.9210E+02	13.11	.092	4.3317E+02	11.97	.129
5.6220E+02	13.57	.148	4.9069E+02	13.25	.101	4.3201E+02	9.44	.190
5.6048E+02	11.34	.115	4.8929E+02	14.08	.162	4.3085E+02	7.93	.158
5.5877E+02	13.23	.082	4.8790E+02	17.03	.119	4.2970E+02	7.43	.161
5.5707E+02	13.44	.109	4.8651E+02	20.15	.097	4.2855E+02	7.40	.126
5.5538E+02	12.21	.124	4.8513E+02	18.37	.094	4.2741E+02	9.03	.106
5.5369E+02	10.50	.142	4.8375E+02	18.03	.093	4.2627E+02	10.04	.108
5.5202E+02	9.24	.135	4.8238E+02	17.89	.076	4.2514E+02	10.01	.114
5.5035E+02	9.55	.115	4.8101E+02	18.92	.064	4.2401E+02	10.36	.119
5.4868E+02	11.17	.237	4.7966E+02	19.84	.062	4.2288E+02	12.95	.076
5.4703E+02	15.02	.164	4.7830E+02	17.53	.094	4.2176E+02	13.06	.074
5.4538E+02	19.37	.079	4.7696E+02	17.07	.087	4.2065E+02	12.81	.070
5.4374E+02	19.31	.104	4.7561E+02	17.13	.080	4.1954E+02	11.08	.100
5.4211E+02	13.71	.128	4.7428E+02	19.16	.071	4.1843E+02	9.78	.118
5.4048E+02	11.63	.113	4.7295E+02	17.77	.080	4.1733E+02	10.06	.128
5.3886E+02	11.51	.101	4.7162E+02	15.31	.090	4.1623E+02	12.22	.076
5.3725E+02	12.83	.104	4.7031E+02	13.69	.105	4.1513E+02	14.05	.073
5.3565E+02	15.09	.080	4.6899E+02	13.51	.098	4.1405E+02	13.68	.127
5.3405E+02	16.43	.106	4.6768E+02	14.98	.097	4.1296E+02	12.20	.109

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
4.1188E+02	10.04	.136	3.6640E+02	33.12	.087	3.2806E+02	22.21	.064
4.1080E+02	7.92	.151	3.6550E+02	37.24	.074	3.2730E+02	28.40	.169
4.0973E+02	7.49	.133	3.6460E+02	40.73	.050	3.2653E+02	28.18	.160
4.0866E+02	7.52	.089	3.6370E+02	39.47	.069	3.2577E+02	37.79	.084
4.0760E+02	7.72	.086	3.6281E+02	34.48	.106	3.2502E+02	44.12	.058
4.0654E+02	7.36	.112	3.6192E+02	28.17	.129	3.2426E+02	46.27	.057
4.0548E+02	8.39	.108	3.6103E+02	20.61	.134	3.2351E+02	38.21	.144
4.0443E+02	9.82	.097	3.6015E+02	14.49	.138	3.2276E+02	29.95	.154
4.0338E+02	11.58	.094	3.5927E+02	10.93	.109	3.2201E+02	22.12	.133
4.0234E+02	12.73	.132	3.5839E+02	10.65	.106	3.2127E+02	19.01	.105
4.0130E+02	11.55	.122	3.5752E+02	10.98	.132	3.2053E+02	19.11	.105
4.0026E+02	9.54	.113	3.5665E+02	12.59	.102	3.1979E+02	19.84	.093
3.9923E+02	8.20	.130	3.5578E+02	12.54	.105	3.1905E+02	20.40	.071
3.9820E+02	8.22	.118	3.5491E+02	12.05	.135	3.1832E+02	19.03	.069
3.9718E+02	9.20	.179	3.5405E+02	11.62	.122	3.1758E+02	16.25	.076
3.9616E+02	11.85	.185	3.5319E+02	11.57	.116	3.1686E+02	12.77	.074
3.9515E+02	16.71	.101	3.5234E+02	12.05	.082	3.1613E+02	12.14	.084
3.9413E+02	20.69	.150	3.5149E+02	12.59	.088	3.1541E+02	13.41	.091
3.9312E+02	26.01	.099	3.5064E+02	12.98	.100	3.1468E+02	15.38	.109
3.9212E+02	31.26	.063	3.4979E+02	13.84	.093	3.1396E+02	19.40	.073
3.9112E+02	32.64	.093	3.4895E+02	14.36	.083	3.1325E+02	22.88	.076
3.9012E+02	32.18	.094	3.4811E+02	13.34	.095	3.1253E+02	24.16	.083
3.8913E+02	30.12	.096	3.4727E+02	12.64	.143	3.1182E+02	22.85	.090
3.8814E+02	24.08	.141	3.4644E+02	12.21	.101	3.1111E+02	19.94	.080
3.8716E+02	18.44	.150	3.4561E+02	11.86	.099	3.1041E+02	17.49	.088
3.8618E+02	15.52	.100	3.4478E+02	14.81	.139	3.0970E+02	15.80	.095
3.8520E+02	14.16	.072	3.4395E+02	16.48	.063	3.0900E+02	13.97	.110
3.8423E+02	16.42	.071	3.4313E+02	18.30	.070	3.0830E+02	11.65	.096
3.8325E+02	18.18	.092	3.4232E+02	19.26	.081	3.0760E+02	9.70	.111
3.8229E+02	19.91	.073	3.4150E+02	18.11	.101	3.0691E+02	8.88	.113
3.8133E+02	19.02	.078	3.4069E+02	18.59	.074	3.0621E+02	8.30	.111
3.8037E+02	17.51	.091	3.3988E+02	18.99	.069	3.0552E+02	7.91	.095
3.7941E+02	14.69	.133	3.3907E+02	21.40	.107	3.0483E+02	7.06	.131
3.7846E+02	11.77	.125	3.3826E+02	24.31	.074	3.0415E+02	6.58	.143
3.7751E+02	10.32	.126	3.3746E+02	27.33	.066	3.0347E+02	6.93	.084
3.7657E+02	10.80	.137	3.3666E+02	25.88	.085	3.0278E+02	7.80	.146
3.7562E+02	13.00	.158	3.3587E+02	21.11	.141	3.0211E+02	10.45	.146
3.7469E+02	17.27	.168	3.3508E+02	16.56	.146	3.0143E+02	14.12	.096
3.7375E+02	23.25	.103	3.3428E+02	15.98	.094	3.0076E+02	18.05	.075
3.7282E+02	28.61	.116	3.3350E+02	18.48	.107	3.0008E+02	20.23	.082
3.7189E+02	33.42	.093	3.3271E+02	22.37	.071	2.9941E+02	21.85	.075
3.7097E+02	39.62	.075	3.3193E+02	24.60	.080	2.9875E+02	33.64	.129
3.7005E+02	38.52	.073	3.3115E+02	25.05	.095	2.9808E+02	49.04	.080
3.6913E+02	36.61	.091	3.3038E+02	22.78	.087	2.9742E+02	59.77	.066
3.6822E+02	31.68	.130	3.2960E+02	20.32	.066	2.9676E+02	67.71	.071
3.6731E+02	28.18	.095	3.2883E+02	20.97	.093	2.9610E+02	65.18	.078

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.9544E+02	52.47	.073	2.6746E+02	15.03	.078	2.4327E+02	18.17	.059
2.9479E+02	44.78	.071	2.6689E+02	16.56	.089	2.4278E+02	21.96	.061
2.9414E+02	39.99	.061	2.6633E+02	16.03	.071	2.4229E+02	22.47	.080
2.9349E+02	38.62	.070	2.6577E+02	14.07	.126	2.4181E+02	25.75	.074
2.9284E+02	36.64	.062	2.6521E+02	13.57	.090	2.4132E+02	26.65	.072
2.9219E+02	28.56	.090	2.6466E+02	14.5[illegible]	.080	2.4084E+02	25.21	.076
2.9155E+02	21.61	.104	2.6410E+02	14.38	.076	2.4036E+02	22.76	.086
2.9091E+02	17.52	.109	2.6355E+02	14.52	.067	2.3987E+02	21.32	.073
2.9027E+02	13.87	.122	2.6300E+02	15.06	.080	2.3940E+02	21.29	.094
2.8963E+02	12.49	.093	2.6245E+02	15.94	.077	2.3892E+02	19.15	.091
2.8900E+02	13.94	.067	2.6190E+02	16.79	.072	2.3844E+02	17.02	.081
2.8836E+02	15.89	.097	2.6135E+02	16.77	.090	2.3797E+02	15.63	.069
2.8773E+02	19.31	.063	2.6081E+02	14.70	.098	2.3750E+02	15.61	.069
2.8710E+02	20.37	.065	2.6027E+02	11.61	.132	2.3702E+02	18.02	.111
2.8648E+02	17.74	.087	2.5973E+02	9.35	.176	2.3655E+02	24.31	.089
2.8585E+02	18.15	.084	2.5919E+02	8.21	.154	2.3609E+02	30.86	.050
2.8523E+02	17.78	.067	2.5865E+02	7.61	.119	2.3562E+02	32.62	.060
2.8461E+02	18.63	.094	2.5811E+02	7.36	.108	2.3515E+02	31.19	.076
2.8399E+02	20.45	.073	2.5758E+02	7.83	.084	2.3469E+02	29.12	.071
2.8337E+02	23.11	.066	2.5705E+02	8.89	.090	2.3422E+02	27.43	.058
2.8276E+02	25.77	.055	2.5651E+02	10.32	.086	2.3376E+02	28.11	.051
2.8215E+02	25.73	.089	2.5598E+02	11.62	.088	2.3330E+02	30.37	.083
2.8154E+02	24.28	.094	2.5546E+02	13.67	.077	2.3284E+02	35.05	.089
2.8093E+02	23.25	.083	2.5493E+02	15.07	.075	2.3239E+02	38.00	.088
2.8032E+02	23.79	.091	2.5441E+02	17.14	.088	2.3193E+02	30.30	.070
2.7972E+02	25.51	.074	2.5388E+02	22.41	.121	2.3147E+02	21.74	.072
2.7911E+02	25.45	.086	2.5336E+02	24.87	.061	2.3102E+02	17.69	.071
2.7851E+02	24.80	.091	2.5284E+02	27.51	.070	2.3057E+02	17.16	.067
2.7791E+02	25.45	.071	2.5232E+02	31.49	.092	2.3012E+02	17.70	.075
2.7732E+02	27.25	.061	2.5181E+02	39.64	.081	2.2967E+02	18.82	.080
2.7672E+02	29.63	.052	2.5129E+02	48.68	.062	2.2922E+02	19.81	.074
2.7613E+02	31.04	.058	2.5078E+02	54.77	.063	2.2877E+02	18.40	.080
2.7554E+02	33.61	.056	2.5027E+02	53.70	.095	2.2832E+02	16.78	.115
2.7495E+02	35.41	.066	2.4976E+02	49.60	.077	2.2788E+02	13.43	.123
2.7436E+02	34.84	.097	2.4925E+02	47.38	.076	2.2744E+02	10.10	.069
2.7377E+02	34.30	.091	2.4874E+02	43.55	.096	2.2699E+02	7.76	.078
2.7319E+02	33.08	.084	2.4824E+02	36.85	.113	2.2655E+02	6.92	.080
2.7261E+02	29.90	.069	2.4773E+02	31.45	.087	2.2611E+02	6.45	.090
2.7203E+02	26.53	.091	2.4723E+02	31.37	.070	2.2568E+02	6.04	.103
2.7145E+02	19.20	.138	2.4673E+02	31.81	.089	2.2524E+02	6.01	.103
2.7087E+02	14.64	.156	2.4623E+02	26.57	.107	2.2480E+02	6.46	.081
2.7030E+02	12.07	.122	2.4573E+02	19.89	.101	2.2437E+02	8.05	.131
2.6973E+02	10.94	.112	2.4524E+02	14.57	.109	2.2394E+02	12.81	.182
2.6916E+02	9.76	.103	2.4474E+02	12.55	.095	2.2351E+02	23.47	.222
2.6859E+02	11.16	.093	2.4425E+02	13.67	.122	2.2307E+02	33.83	.174
2.6802E+02	13.55	.068	2.4376E+02	14.92	.076	2.2265E+02	46.60	.094

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.2222E+02	47.80	.069	2.0379E+02	26.24	.072	1.8765E+02	36.70	.070
2.2179E+02	38.35	.059	2.0341E+02	22.09	.096	1.8732E+02	35.22	.070
2.2136E+02	28.04	.069	2.0304E+02	16.69	.099	1.8699E+02	32.18	.062
2.2094E+02	20.95	.076	2.0266E+02	15.33	.069	1.8666E+02	26.34	.073
2.2052E+02	21.20	.091	2.0229E+02	18.14	.115	1.8633E+02	21.43	.068
2.2010E+02	22.02	.091	2.0192E+02	24.07	.100	1.8600E+02	17.62	.061
2.1968E+02	26.32	.097	2.0155E+02	30.68	.077	1.8567E+02	16.15	.065
2.1926E+02	32.82	.091	2.0118E+02	29.86	.072	1.8535E+02	15.87	.068
2.1884E+02	40.02	.063	2.0082E+02	26.59	.058	1.8502E+02	15.86	.073
2.1842E+02	46.20	.062	2.0045E+02	24.17	.060	1.8470E+02	15.89	.071
2.1800E+02	53.12	.067	2.0008E+02	23.95	.049	1.8437E+02	15.90	.068
2.1759E+02	61.63	.048	1.9982E+02	24.10	.053	1.8405E+02	14.84	.068
2.1718E+02	62.33	.078	1.9945E+02	23.52	.053	1.8373E+02	13.26	.087
2.1676E+02	59.79	.077	1.9909E+02	22.76	.075	1.8341E+02	11.98	.088
2.1635E+02	54.74	.087	1.9873E+02	24.66	.060	1.8309E+02	12.38	.065
2.1594E+02	44.97	.063	1.9837E+02	25.03	.056	1.8277E+02	12.46	.070
2.1553E+02	35.76	.079	1.9801E+02	26.93	.087	1.8245E+02	12.56	.103
2.1512E+02	29.17	.088	1.9765E+02	32.10	.068	1.8213E+02	11.05	.113
2.1472E+02	25.34	.083	1.9729E+02	37.93	.058	1.8182E+02	8.70	.114
2.1431E+02	22.42	.102	1.9693E+02	39.46	.063	1.8150E+02	7.40	.100
2.1391E+02	20.14	.100	1.9658E+02	39.09	.056	1.8119E+02	7.33	.089
2.1351E+02	18.85	.083	1.9622E+02	35.59	.076	1.8087E+02	7.34	.088
2.1310E+02	19.68	.073	1.9587E+02	32.66	.085	1.8056E+02	6.92	.102
2.1270E+02	20.45	.081	1.9552E+02	29.77	.085	1.8025E+02	6.07	.109
2.1230E+02	19.39	.085	1.9516E+02	26.14	.085	1.7993E+02	5.28	.110
2.1190E+02	17.15	.095	1.9481E+02	22.10	.078	1.7962E+02	5.15	.095
2.1151E+02	15.68	.080	1.9446E+02	19.34	.067	1.7931E+02	5.89	.091
2.1111E+02	16.88	.063	1.9411E+02	17.45	.070	1.7900E+02	7.29	.096
2.1072E+02	19.23	.053	1.9376E+02	17.09	.071	1.7869E+02	9.12	.075
2.1032E+02	21.05	.059	1.9342E+02	18.33	.072	1.7839E+02	11.08	.072
2.0993E+02	22.37	.061	1.9307E+02	20.38	.082	1.7808E+02	12.79	.065
2.0954E+02	23.30	.063	1.9272E+02	22.82	.079	1.7777E+02	13.84	.070
2.0915E+02	26.61	.086	1.9238E+02	25.11	.079	1.7747E+02	13.61	.066
2.0876E+02	33.88	.085	1.9203E+02	28.35	.055	1.7716E+02	12.48	.072
2.0837E+02	42.26	.068	1.9169E+02	28.62	.070	1.7686E+02	11.43	.080
2.0798E+02	48.85	.064	1.9135E+02	31.38	.081	1.7656E+02	11.00	.081
2.0759E+02	50.18	.075	1.9101E+02	36.24	.075	1.7625E+02	11.35	.072
2.0721E+02	46.60	.079	1.9067E+02	41.70	.071	1.7595E+02	13.79	.095
2.0682E+02	42.85	.064	1.9033E+02	45.43	.069	1.7565E+02	17.97	.104
2.0644E+02	40.39	.066	1.8999E+02	46.18	.063	1.7535E+02	23.18	.085
2.0606E+02	40.50	.065	1.8965E+02	48.01	.063	1.7505E+02	28.77	.058
2.0568E+02	41.53	.055	1.8932E+02	50.28	.061	1.7475E+02	32.86	.059
2.0530E+02	38.84	.062	1.8898E+02	49.34	.066	1.7446E+02	33.19	.065
2.0492E+02	36.52	.073	1.8865E+02	46.43	.062	1.7416E+02	30.74	.068
2.0454E+02	32.45	.063	1.8831E+02	40.93	.062	1.7386E+02	27.00	.071
2.0416E+02	28.31	.063	1.8798E+02	37.08	.070	1.7357E+02	23.16	.060

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.7327E+02	19.78	.070	1.6049E+02	17.19	.076	1.4907E+02	41.70	.066
1.7298E+02	16.97	.084	1.6023E+02	12.48	.075	1.4884E+02	43.13	.065
1.7269E+02	14.57	.088	1.5997E+02	8.88	.079	1.4860E+02	39.81	.063
1.7239E+02	12.69	.094	1.5971E+02	6.71	.097	1.4837E+02	34.22	.063
1.7210E+02	11.73	.099	1.5945E+02	5.73	.096	1.4814E+02	27.90	.082
1.7181E+02	12.40	.092	1.5919E+02	5.56	.105	1.4790E+02	22.36	.109
1.7152E+02	14.63	.104	1.5893E+02	5.60	.100	1.4767E+02	19.01	.109
1.7123E+02	18.22	.081	1.5867E+02	5.64	.100	1.4744E+02	16.33	.101
1.7094E+02	21.34	.079	1.5841E+02	5.67	.095	1.4721E+02	14.48	.090
1.7065E+02	21.85	.074	1.5815E+02	5.72	.081	1.4698E+02	13.74	.087
1.7037E+02	19.64	.080	1.5790E+02	5.56	.062	1.4675E+02	12.75	.097
1.7008E+02	17.62	.087	1.5764E+02	5.47	.123	1.4652E+02	11.72	.108
1.6980E+02	18.63	.131	1.5739E+02	6.49	.215	1.4629E+02	11.41	.098
1.6951E+02	21.72	.074	1.5713E+02	10.79	.293	1.4606E+02	13.22	.122
1.6923E+02	25.65	.059	1.5688E+02	15.87	.186	1.4584E+02	18.36	.223
1.6894E+02	30.18	.071	1.5663E+02	20.50	.098	1.4561E+02	28.26	.170
1.6866E+02	34.82	.082	1.5637E+02	21.52	.066	1.4538E+02	38.75	.120
1.6838E+02	37.05	.061	1.5612E+02	19.90	.064	1.4516E+02	45.85	.099
1.6810E+02	36.45	.064	1.5587E+02	18.51	.067	1.4493E+02	42.22	.063
1.6781E+02	38.31	.083	1.5562E+02	19.12	.066	1.4471E+02	32.87	.067
1.6753E+02	39.36	.076	1.5537E+02	20.20	.071	1.4448E+02	24.42	.081
1.6726E+02	38.83	.078	1.5512E+02	18.12	.089	1.4426E+02	18.71	.074
1.6698E+02	35.44	.075	1.5487E+02	14.33	.123	1.4404E+02	15.23	.073
1.6670E+02	29.40	.086	1.5462E+02	11.74	.148	1.4381E+02	13.22	.093
1.6642E+02	24.12	.087	1.5437E+02	10.30	.119	1.4359E+02	12.82	.094
1.6614E+02	22.60	.078	1.5413E+02	10.40	.087	1.4337E+02	13.70	.120
1.6587E+02	26.30	.106	1.5388E+02	11.85	.079	1.4315E+02	17.98	.171
1.6559E+02	35.67	.113	1.5364E+02	14.24	.074	1.4293E+02	26.36	.104
1.6532E+02	47.06	.072	1.5339E+02	15.35	.071	1.4271E+02	34.89	.060
1.6504E+02	56.24	.050	1.5315E+02	15.12	.075	1.4249E+02	37.76	.065
1.6477E+02	58.38	.064	1.5290E+02	15.03	.070	1.4227E+02	36.39	.074
1.6450E+02	52.35	.113	1.5266E+02	17.18	.145	1.4205E+02	35.79	.075
1.6423E+02	43.32	.127	1.5241E+02	19.46	.102	1.4183E+02	36.97	.074
1.6395E+02	34.17	.110	1.5217E+02	23.62	.107	1.4161E+02	37.59	.070
1.6369E+02	27.34	.093	1.5193E+02	29.93	.078	1.4140E+02	35.83	.067
1.6341E+02	23.95	.078	1.5169E+02	35.96	.051	1.4118E+02	32.22	.069
1.6315E+02	24.22	.124	1.5145E+02	40.39	.051	1.4096E+02	28.83	.072
1.6288E+02	25.43	.086	1.5121E+02	40.58	.061	1.4075E+02	26.52	.073
1.6261E+02	28.47	.078	1.5097E+02	37.43	.071	1.4053E+02	24.61	.073
1.6234E+02	32.40	.062	1.5073E+02	32.56	.080	1.4032E+02	22.17	.078
1.6207E+02	36.35	.061	1.5049E+02	27.88	.081	1.4010E+02	19.30	.084
1.6181E+02	39.15	.063	1.5025E+02	25.33	.076	1.3989E+02	16.81	.080
1.6154E+02	39.16	.061	1.5002E+02	24.98	.072	1.3968E+02	14.89	.077
1.6128E+02	35.55	.053	1.4978E+02	27.25	.077	1.3947E+02	13.76	.077
1.6102E+02	29.66	.068	1.4954E+02	31.97	.075	1.3925E+02	12.70	.082
1.6075E+02	23.04	.085	1.4931E+02	37.31	.072	1.3904E+02	11.18	.090

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.3883E+02	9.59	.087	1.2961E+02	8.03	.090	1.2128E+02	28.28	.050
1.3862E+02	7.89	.085	1.2942E+02	7.84	.124	1.2110E+02	29.93	.051
1.3841E+02	6.22	.107	1.2923E+02	8.13	.103	1.2093E+02	30.70	.056
1.3820E+02	4.97	.127	1.2904E+02	9.27	.075	1.2076E+02	29.66	.060
1.3799E+02	4.18	.136	1.2885E+02	10.98	.080	1.2059E+02	27.36	.062
1.3778E+02	3.95	.125	1.2866E+02	12.83	.083	1.2042E+02	25.42	.063
1.3757E+02	4.32	.117	1.2847E+02	14.98	.077	1.2025E+02	24.50	.060
1.3736E+02	5.10	.123	1.2829E+02	17.56	.073	1.2008E+02	25.01	.058
1.3716E+02	6.41	.119	1.2810E+02	19.80	.070	1.1991E+02	27.35	.116
1.3695E+02	8.08	.109	1.2791E+02	20.61	.070	1.1974E+02	28.88	.095
1.3674E+02	10.31	.081	1.2772E+02	19.99	.068	1.1957E+02	31.76	.080
1.3654E+02	12.66	.074	1.2754E+02	18.54	.067	1.1940E+02	35.76	.071
1.3633E+02	14.88	.076	1.2735E+02	16.85	.065	1.1924E+02	37.83	.059
1.3613E+02	17.59	.087	1.2717E+02	14.99	.061	1.1907E+02	35.58	.053
1.3592E+02	22.37	.120	1.2698E+02	12.88	.067	1.1890E+02	30.05	.056
1.3572E+02	30.38	.132	1.2680E+02	11.19	.078	1.1873E+02	25.16	.066
1.3551E+02	41.31	.085	1.2661E+02	10.57	.096	1.1857E+02	24.36	.111
1.3531E+02	52.43	.066	1.2643E+02	12.35	.151	1.1840E+02	29.48	.218
1.3511E+02	56.21	.067	1.2625E+02	16.79	.105	1.1823E+02	41.64	.261
1.3490E+02	50.75	.073	1.2607E+02	21.86	.072	1.1807E+02	59.99	.205
1.3470E+02	42.04	.088	1.2588E+02	24.91	.069	1.1790E+02	83.74	.105
1.3450E+02	35.62	.091	1.2570E+02	25.06	.066	1.1774E+02	103.66	.059
1.3430E+02	33.28	.074	1.2552E+02	23.97	.063	1.1757E+02	106.37	.053
1.3410E+02	35.09	.064	1.2534E+02	22.88	.062	1.1741E+02	89.96	.064
1.3390E+02	38.98	.083	1.2516E+02	22.25	.079	1.1724E+02	65.64	.076
1.3370E+02	45.16	.090	1.2498E+02	22.12	.077	1.1708E+02	45.45	.067
1.3350E+02	54.72	.078	1.2480E+02	24.02	.088	1.1692E+02	31.74	.063
1.3330E+02	64.56	.071	1.2462E+02	30.10	.136	1.1676E+02	23.03	.069
1.3310E+02	67.90	.071	1.2444E+02	41.55	.145	1.1659E+02	18.07	.083
1.3291E+02	65.64	.071	1.2426E+02	56.02	.102	1.1643E+02	15.11	.085
1.3271E+02	57.86	.078	1.2408E+02	71.22	.065	1.1627E+02	13.14	.074
1.3251E+02	46.57	.103	1.2390E+02	77.95	.070	1.1611E+02	12.13	.067
1.3231E+02	36.73	.106	1.2372E+02	71.40	.074	1.1595E+02	12.34	.060
1.3212E+02	28.78	.096	1.2355E+02	57.68	.084	1.1578E+02	13.31	.055
1.3192E+02	22.35	.087	1.2337E+02	44.33	.083	1.1562E+02	14.22	.052
1.3173E+02	17.54	.079	1.2319E+02	35.03	.078	1.1546E+02	14.15	.055
1.3153E+02	13.84	.077	1.2302E+02	29.48	.083	1.1530E+02	13.48	.071
1.3134E+02	11.21	.100	1.2284E+02	27.19	.076	1.1514E+02	13.88	.118
1.3114E+02	9.81	.113	1.2267E+02	26.76	.063	1.1499E+02	17.41	.233
1.3095E+02	9.09	.101	1.2249E+02	27.01	.056	1.1483E+02	25.40	.260
1.3076E+02	8.92	.122	1.2232E+02	27.06	.079	1.1467E+02	38.20	.185
1.3056E+02	9.27	.111	1.2214E+02	27.44	.069	1.1451E+02	52.62	.104
1.3037E+02	9.95	.095	1.2197E+02	28.57	.063	1.1435E+02	64.03	.064
1.3018E+02	10.31	.077	1.2180E+02	28.35	.067	1.1419E+02	69.87	.054
1.2999E+02	9.95	.067	1.2162E+02	27.03	.069	1.1404E+02	70.08	.052
1.2980E+02	8.97	.069	1.2145E+02	26.63	.057	1.1388E+02	68.10	.056

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.1372E+02	65.45	.058	1.0685E+02	77.53	.073	1.0059E+02	13.54	.150
1.1357E+02	61.93	.062	1.0671E+02	88.80	.068	1.0046E+02	17.15	.166
1.1341E+02	58.56	.058	1.0657E+02	93.65	.062	1.0033E+02	23.34	.146
1.1326E+02	55.70	.052	1.0643E+02	93.97	.054	1.0020E+02	31.27	.121
1.1310E+02	51.95	.052	1.0629E+02	92.97	.056	1.0007E+02	39.29	.088
1.1295E+02	47.92	.056	1.0614E+02	88.89	.062	9.9942E+01	47.66	.058
1.1279E+02	45.21	.056	1.0600E+02	86.21	.063	9.9813E+01	53.98	.062
1.1264E+02	43.23	.058	1.0586E+02	81.05	.063	9.9685E+01	55.32	.062
1.1248E+02	41.02	.067	1.0572E+02	71.56	.051	9.9556E+01	53.12	.068
1.1233E+02	38.53	.070	1.0558E+02	55.39	.057	9.9428E+01	50.30	.074
1.1217E+02	35.34	.069	1.0544E+02	38.83	.071	9.9300E+01	47.95	.073
1.1202E+02	31.22	.065	1.0530E+02	29.00	.083	9.9173E+01	45.74	.078
1.1187E+02	27.33	.066	1.0516E+02	25.17	.078	9.9046E+01	44.29	.085
1.1172E+02	25.67	.105	1.0503E+02	25.72	.069	9.8919E+01	44.75	.076
1.1156E+02	25.87	.081	1.0489E+02	28.11	.075	9.8792E+01	47.74	.070
1.1141E+02	29.44	.141	1.0475E+02	30.06	.081	9.8665E+01	53.06	.061
1.1126E+02	37.74	.182	1.0461E+02	29.70	.081	9.8539E+01	59.32	.057
1.1111E+02	49.84	.170	1.0447E+02	26.34	.088	9.8413E+01	62.75	.055
1.1096E+02	65.37	.110	1.0434E+02	21.79	.107	9.8287E+01	63.47	.058
1.1081E+02	81.52	.064	1.0420E+02	17.14	.115	9.8162E+01	67.15	.095
1.1066E+02	90.62	.053	1.0406E+02	13.06	.096	9.8036E+01	78.64	.120
1.1051E+02	90.08	.069	1.0392E+02	9.60	.085	9.7911E+01	96.82	.090
1.1036E+02	68.08	.084	1.0379E+02	6.88	.102	9.7786E+01	115.60	.055
1.1021E+02	55.10	.083	1.0365E+02	5.32	.111	9.7662E+01	122.94	.054
1.1006E+02	46.07	.075	1.0351E+02	5.01	.119	9.7537E+01	110.29	.060
1.0991E+02	44.48	.106	1.0338E+02	6.36	.168	9.7413E+01	87.76	.067
1.0976E+02	56.67	.074	1.0324E+02	9.31	.161	9.7289E+01	68.34	.064
1.0961E+02	54.42	.102	1.0311E+02	14.33	.180	9.7166E+01	52.62	.068
1.0947E+02	61.75	.073	1.0297E+02	21.66	.138	9.7042E+01	40.54	.062
1.0932E+02	72.01	.052	1.0284E+02	28.84	.064	9.6919E+01	34.39	.078
1.0917E+02	76.61	.060	1.0270E+02	31.45	.061	9.6796E+01	31.20	.076
1.0902E+02	72.18	.066	1.0257E+02	27.40	.098	9.6673E+01	30.06	.077
1.0888E+02	61.02	.064	1.0244E+02	20.61	.149	9.6551E+01	30.21	.077
1.0873E+02	48.87	.058	1.0230E+02	15.22	.140	9.6429E+01	30.90	.095
1.0859E+02	40.08	.060	1.0217E+02	11.50	.108	9.6307E+01	30.95	.088
1.0844E+02	35.94	.068	1.0204E+02	8.84	.098	9.6185E+01	30.71	.075
1.0829E+02	36.02	.060	1.0190E+02	7.23	.095	9.6063E+01	30.17	.066
1.0815E+02	38.53	.055	1.0177E+02	6.62	.075	9.5942E+01	28.89	.069
1.0800E+02	41.74	.060	1.0164E+02	6.56	.062	9.5821E+01	26.96	.081
1.0786E+02	44.51	.066	1.0151E+02	6.85	.055	9.5700E+01	25.68	.085
1.0771E+02	45.75	.065	1.0137E+02	7.17	.060	9.5579E+01	26.09	.086
1.0757E+02	44.38	.066	1.0124E+02	7.58	.072	9.5459E+01	29.14	.101
1.0743E+02	43.37	.062	1.0111E+02	8.19	.079	9.5339E+01	35.19	.098
1.0728E+02	44.53	.090	1.0098E+02	8.89	.074	9.5219E+01	42.84	.062
1.0714E+02	50.78	.115	1.0085E+02	9.83	.098	9.5099E+01	48.00	.056
1.0700E+02	62.71	.094	1.0072E+02	11.29	.119	9.4979E+01	45.45	.056

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
9.4860E+01	35.19	.072	8.9607E+01	31.48	.057	8.4778E+01	20.20	.071
9.4741E+01	24.66	.080	8.9498E+01	29.36	.052	8.4678E+01	17.08	.070
9.4622E+01	17.21	.102	8.9389E+01	27.91	.058	8.4577E+01	15.11	.069
9.4504E+01	12.34	.112	8.9280E+01	28.34	.073	8.4477E+01	13.42	.075
9.4385E+01	9.59	.100	8.9171E+01	32.18	.097	8.4377E+01	11.53	.084
9.4267E+01	8.94	.081	8.9062E+01	38.96	.096	8.4277E+01	9.46	.074
9.4149E+01	10.71	.155	8.8954E+01	47.55	.077	8.4177E+01	7.88	.062
9.4031E+01	16.04	.237	8.8846E+01	55.63	.066	8.4078E+01	6.89	.064
9.3914E+01	25.05	.199	8.8738E+01	57.84	.052	8.3979E+01	6.32	.078
9.3797E+01	35.28	.097	8.8630E+01	53.04	.054	8.3880E+01	6.04	.091
9.3680E+01	42.96	.065	8.8523E+01	43.27	.059	8.3780E+01	6.05	.100
9.3563E+01	44.62	.051	8.8415E+01	31.52	.067	8.3682E+01	6.21	.118
9.3446E+01	40.02	.048	8.8308E+01	21.49	.078	8.3583E+01	6.58	.126
9.3330E+01	32.94	.052	8.8201E+01	15.29	.100	8.3485E+01	7.33	.126
9.3213E+01	27.83	.047	8.8095E+01	11.83	.131	8.3386E+01	8.65	.091
9.3097E+01	25.49	.053	8.7988E+01	9.20	.111	8.3288E+01	10.70	.110
9.2982E+01	25.91	.110	8.7882E+01	7.47	.076	8.3190E+01	14.06	.156
9.2866E+01	26.80	.084	8.7776E+01	6.35	.079	8.3092E+01	24.34	.374
9.2751E+01	29.17	.113	8.7669E+01	5.68	.111	8.2995E+01	42.07	.462
9.2636E+01	30.50	.091	8.7564E+01	5.67	.123	8.2897E+01	58.02	.178
9.2521E+01	31.25	.071	8.7458E+01	6.24	.106	8.2800E+01	76.60	.069
9.2406E+01	30.28	.065	8.7353E+01	7.40	.099	8.2703E+01	88.05	.065
9.2292E+01	27.46	.069	8.7247E+01	9.31	.120	8.2606E+01	85.28	.076
9.2177E+01	24.26	.072	8.7142E+01	11.57	.125	8.2509E+01	78.14	.069
9.2063E+01	21.62	.068	8.7038E+01	13.14	.091	8.2413E+01	70.21	.058
9.1950E+01	20.04	.066	8.6933E+01	12.65	.059	8.2316E+01	61.15	.068
9.1836E+01	19.01	.064	8.6829E+01	11.16	.054	8.2220E+01	52.88	.081
9.1722E+01	18.64	.076	8.6724E+01	9.23	.068	8.2124E+01	46.64	.083
9.1609E+01	18.85	.077	8.6620E+01	7.30	.085	8.2028E+01	42.22	.080
9.1496E+01	19.48	.077	8.6516E+01	6.04	.102	8.1932E+01	38.30	.073
9.1383E+01	20.59	.078	8.6413E+01	5.72	.087	8.1837E+01	34.07	.072
9.1271E+01	22.56	.075	8.6309E+01	5.56	.097	8.1741E+01	31.74	.071
9.1159E+01	26.58	.117	8.6206E+01	5.86	.114	8.1646E+01	30.84	.074
9.1046E+01	33.15	.177	8.6103E+01	6.71	.108	8.1551E+01	30.36	.074
9.0934E+01	45.61	.201	8.6000E+01	7.97	.092	8.1456E+01	29.38	.068
9.0823E+01	69.73	.213	8.5897E+01	9.56	.089	8.1361E+01	26.83	.068
9.0711E+01	107.48	.171	8.5794E+01	11.23	.102	8.1267E+01	24.29	.072
9.0600E+01	152.64	.091	8.5692E+01	12.91	.114	8.1172E+01	22.24	.072
9.0489E+01	185.04	.057	8.5590E+01	14.95	.112	8.1078E+01	20.15	.078
9.0378E+01	189.16	.050	8.5488E+01	18.04	.096	8.0984E+01	17.89	.084
9.0267E+01	167.66	.050	8.5386E+01	21.90	.079	8.0890E+01	16.51	.086
9.0157E+01	129.76	.059	8.5284E+01	25.09	.074	8.0796E+01	16.15	.085
9.0046E+01	88.26	.081	8.5183E+01	27.51	.067	8.0703E+01	16.12	.087
8.9936E+01	59.44	.057	8.5081E+01	28.49	.055	8.0609E+01	17.50	.082
8.9826E+01	44.46	.059	8.4980E+01	27.43	.054	8.0516E+01	17.78	.078
8.9716E+01	36.19	.060	8.4879E+01	24.38	.061	8.0423E+01	19.65	.068

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
8.0330E+01	22.61	.072	7.6223E+01	18.73	.084	7.2423E+01	19.93	.086
8.0237E+01	26.37	.079	7.6137E+01	20.24	.067	7.2344E+01	20.51	.086
8.0145E+01	31.58	.082	7.6052E+01	22.60	.073	7.2265E+01	20.63	.082
8.0052E+01	39.79	.073	7.5966E+01	26.50	.088	7.2185E+01	20.69	.084
7.9960E+01	48.80	.076	7.5881E+01	34.22	.104	7.2106E+01	20.48	.084
7.9868E+01	57.93	.081	7.5796E+01	49.38	.103	7.2027E+01	20.41	.084
7.9776E+01	63.60	.082	7.5711E+01	71.44	.082	7.1949E+01	20.94	.076
7.9684E+01	65.55	.076	7.5626E+01	93.23	.072	7.1870E+01	21.52	.063
7.9592E+01	63.28	.072	7.5541E+01	110.57	.068	7.1791E+01	22.42	.053
7.9501E+01	58.16	.061	7.5456E+01	121.10	.060	7.1713E+01	22.15	.052
7.9410E+01	50.91	.055	7.5372E+01	119.27	.056	7.1635E+01	21.26	.052
7.9318E+01	43.83	.062	7.5288E+01	110.50	.052	7.1557E+01	20.07	.061
7.9227E+01	38.63	.056	7.5203E+01	95.57	.052	7.1479E+01	17.78	.070
7.9136E+01	35.39	.057	7.5119E+01	78.34	.059	7.1401E+01	15.70	.090
7.9046E+01	33.30	.057	7.5035E+01	67.86	.062	7.1323E+01	14.04	.099
7.8955E+01	32.83	.058	7.4952E+01	62.50	.058	7.1245E+01	13.02	.108
7.8865E+01	33.03	.064	7.4868E+01	56.93	.059	7.1168E+01	12.56	.112
7.8774E+01	35.37	.081	7.4785E+01	51.19	.059	7.1091E+01	12.40	.110
7.8684E+01	35.72	.073	7.4701E+01	47.87	.056	7.1013E+01	12.90	.111
7.8594E+01	39.29	.069	7.4618E+01	46.35	.059	7.0936E+01	13.51	.127
7.8505E+01	45.32	.071	7.4535E+01	49.50	.052	7.0859E+01	14.51	.125
7.8415E+01	51.21	.070	7.4452E+01	57.00	.067	7.0782E+01	15.95	.119
7.8325E+01	56.87	.063	7.4369E+01	69.34	.071	7.0706E+01	18.36	.116
7.8236E+01	60.84	.061	7.4287E+01	84.50	.062	7.0629E+01	22.11	.126
7.8147E+01	61.24	.067	7.4204E+01	100.42	.059	7.0552E+01	28.51	.102
7.8058E+01	58.72	.059	7.4122E+01	117.18	.052	7.0476E+01	34.93	.098
7.7969E+01	53.08	.055	7.4040E+01	130.40	.049	7.0400E+01	43.34	.086
7.7880E+01	47.15	.046	7.3957E+01	134.35	.050	7.0324E+01	51.89	.067
7.7792E+01	40.67	.050	7.3876E+01	130.08	.053	7.0248E+01	59.37	.057
7.7703E+01	33.53	.064	7.3794E+01	120.40	.079	7.0172E+01	63.64	.063
7.7615E+01	27.33	.082	7.3712E+01	111.18	.088	7.0096E+01	66.30	.065
7.7527E+01	23.49	.090	7.3630E+01	106.41	.065	7.0021E+01	65.35	.063
7.7439E+01	21.34	.100	7.3549E+01	105.67	.055	6.9945E+01	62.18	.072
7.7351E+01	19.75	.111	7.3468E+01	106.49	.059	6.9870E+01	58.12	.072
7.7264E+01	18.47	.105	7.3387E+01	104.39	.056	6.9794E+01	52.72	.063
7.7176E+01	17.75	.090	7.3306E+01	95.36	.067	6.9719E+01	48.79	.058
7.7089E+01	17.84	.081	7.3225E+01	76.93	.090	6.9644E+01	46.27	.054
7.7001E+01	18.11	.084	7.3144E+01	58.61	.085	6.9569E+01	46.19	.052
7.6914E+01	18.46	.085	7.3063E+01	40.20	.088	6.9495E+01	45.88	.064
7.6827E+01	18.29	.081	7.2983E+01	29.83	.092	6.9420E+01	46.66	.073
7.6741E+01	18.60	.082	7.2903E+01	24.50	.075	6.9345E+01	47.46	.076
7.6654E+01	19.38	.071	7.2822E+01	21.57	.064	6.9271E+01	48.48	.076
7.6568E+01	19.95	.064	7.2742E+01	19.68	.060	6.9197E+01	48.84	.075
7.6481E+01	19.55	.068	7.2662E+01	18.40	.067	6.9122E+01	48.01	.069
7.6395E+01	19.08	.076	7.2582E+01	18.49	.087	6.9048E+01	46.18	.053
7.6309E+01	18.72	.085	7.2503E+01	19.14	.095	6.8974E+01	45.09	.051

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
6.8901E+01	42.34	.056	6.5629E+01	21.17	.092	6.2585E+01	78.99	.060
6.8827E+01	37.70	.071	6.5561E+01	22.25	.070	6.2522E+01	80.13	.059
6.8753E+01	33.27	.083	6.5492E+01	22.94	.088	6.2458E+01	73.01	.063
6.8680E+01	29.28	.076	6.5424E+01	24.31	.112	6.2394E+01	58.71	.070
6.8607E+01	26.49	.070	6.5356E+01	26.46	.120	6.2331E+01	43.04	.088
6.8533E+01	24.12	.096	6.5288E+01	29.21	.090	6.2267E+01	30.76	.082
6.8460E+01	23.06	.113	6.5220E+01	32.43	.071	6.2204E+01	21.37	.087
6.8387E+01	21.75	.106	6.5152E+01	35.79	.061	6.2141E+01	16.44	.115
6.8314E+01	20.87	.100	6.5084E+01	38.61	.060	6.2078E+01	14.55	.127
6.8242E+01	21.12	.102	6.5016E+01	38.74	.067	6.2015E+01	14.08	.125
6.8169E+01	22.87	.107	6.4949E+01	37.22	.072	6.1952E+01	16.11	.111
6.8097E+01	24.64	.121	6.4881E+01	35.43	.074	6.1889E+01	18.84	.124
6.8024E+01	27.15	.110	6.4814E+01	33.72	.101	6.1826E+01	21.40	.129
6.7952E+01	27.67	.093	6.4747E+01	34.89	.134	6.1764E+01	25.96	.114
6.7880E+01	27.11	.077	6.4680E+01	40.71	.150	6.1701E+01	31.37	.114
6.7807E+01	26.70	.070	6.4613E+01	49.61	.157	6.1639E+01	39.23	.111
6.7736E+01	25.62	.082	6.4546E+01	60.45	.093	6.1576E+01	49.44	.110
6.7664E+01	22.62	.078	6.4479E+01	71.21	.062	6.1514E+01	60.10	.111
6.7592E+01	19.45	.091	6.4412E+01	79.60	.051	6.1452E+01	68.91	.091
6.7520E+01	18.26	.085	6.4345E+01	78.77	.058	6.1390E+01	73.97	.077
6.7449E+01	17.41	.076	6.4279E+01	72.15	.070	6.1328E+01	75.29	.080
6.7378E+01	16.11	.084	6.4213E+01	65.39	.077	6.1266E+01	72.95	.064
6.7306E+01	15.73	.111	6.4146E+01	61.35	.079	6.1204E+01	70.57	.058
6.7235E+01	16.31	.121	6.4080E+01	55.06	.089	6.1142E+01	64.87	.066
6.7164E+01	17.32	.118	6.4014E+01	50.60	.096	6.1081E+01	58.96	.073
6.7093E+01	17.49	.109	6.3948E+01	47.55	.096	6.1019E+01	52.46	.090
6.7022E+01	18.56	.089	6.3882E+01	43.92	.110	6.0958E+01	45.72	.137
6.6952E+01	19.52	.075	6.3816E+01	40.12	.095	6.0896E+01	40.98	.146
6.6881E+01	20.24	.071	6.3751E+01	34.39	.080	6.0835E+01	36.76	.149
6.6811E+01	19.43	.092	6.3685E+01	30.15	.087	6.0774E+01	33.21	.164
6.6740E+01	20.25	.107	6.3620E+01	25.57	.129	6.0713E+01	29.69	.175
6.6670E+01	21.93	.095	6.3554E+01	21.10	.142	6.0652E+01	25.74	.165
6.6600E+01	21.87	.091	6.3489E+01	19.45	.122	6.0591E+01	22.21	.154
6.6530E+01	22.20	.086	6.3424E+01	17.71	.107	6.0530E+01	20.84	.132
6.6460E+01	20.95	.072	6.3359E+01	15.69	.114	6.0470E+01	19.33	.151
6.6390E+01	19.44	.083	6.3294E+01	15.75	.099	6.0409E+01	17.48	.161
6.6320E+01	18.03	.091	6.3229E+01	15.47	.114	6.0349E+01	16.37	.160
6.6251E+01	16.75	.087	6.3164E+01	14.12	.133	6.0288E+01	15.53	.147
6.6181E+01	16.11	.082	6.3099E+01	14.50	.131	6.0228E+01	14.86	.152
6.6112E+01	14.49	.111	6.3035E+01	15.17	.132	6.0168E+01	15.26	.146
6.6043E+01	14.62	.100	6.2970E+01	17.64	.129	6.0108E+01	15.32	.119
6.5973E+01	15.20	.099	6.2906E+01	21.08	.126	6.0047E+01	14.89	.123
6.5904E+01	15.27	.108	6.2841E+01	28.45	.155	5.9987E+01	13.95	.128
6.5835E+01	16.00	.100	6.2777E+01	40.59	.125	5.9928E+01	12.39	.161
6.5767E+01	16.80	.116	6.2713E+01	53.87	.092	5.9868E+01	11.87	.203
6.5698E+01	18.37	.103	6.2649E+01	67.14	.072	5.9808E+01	11.16	.227

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
5.9748E+01	11.21	.180	5.7100E+01	72.51	.108	5.4625E+01	74.04	.088
5.9689E+01	10.36	.147	5.7045E+01	70.26	.113	5.4572E+01	64.74	.126
5.9630E+01	9.83	.133	5.6989E+01	69.64	.112	5.4521E+01	57.55	.144
5.9570E+01	10.19	.116	5.6934E+01	70.59	.103	5.4469E+01	55.27	.115
5.9511E+01	10.99	.073	5.6879E+01	69.36	.093	5.4417E+01	56.02	.107
5.9452E+01	10.71	.095	5.6823E+01	69.30	.083	5.4365E+01	54.60	.116
5.9393E+01	10.90	.132	5.6768E+01	69.53	.079	5.4313E+01	55.88	.118
5.9334E+01	12.06	.127	5.6713E+01	72.11	.083	5.4262E+01	57.22	.131
5.9275E+01	13.57	.130	5.6658E+01	76.97	.084	5.4210E+01	62.24	.104
5.9216E+01	14.68	.131	5.6603E+01	83.28	.078	5.4159E+01	68.56	.086
5.9157E+01	15.71	.130	5.6548E+01	89.67	.072	5.4108E+01	71.81	.069
5.9099E+01	15.74	.155	5.6493E+01	97.24	.067	5.4056E+01	71.84	.103
5.9040E+01	16.96	.172	5.6438E+01	104.30	.063	5.4005E+01	70.28	.127
5.8982E+01	19.01	.145	5.6384E+01	109.91	.067	5.3954E+01	67.36	.130
5.8923E+01	22.17	.093	5.6329E+01	113.92	.082	5.3903E+01	63.38	.120
5.8865E+01	25.45	.097	5.6275E+01	112.97	.091	5.3852E+01	57.75	.104
5.8807E+01	29.91	.103	5.6220E+01	108.56	.104	5.3801E+01	51.71	.086
5.8749E+01	36.01	.082	5.6166E+01	104.14	.110	5.3750E+01	47.36	.078
5.8691E+01	41.34	.091	5.6112E+01	101.04	.099	5.3699E+01	43.30	.076
5.8633E+01	49.27	.087	5.6058E+01	101.61	.091	5.3649E+01	38.01	.091
5.8575E+01	58.16	.098	5.6004E+01	100.24	.090	5.3598E+01	36.26	.099
5.8517E+01	62.59	.115	5.5950E+01	94.95	.092	5.3547E+01	36.35	.104
5.8459E+01	65.02	.102	5.5896E+01	91.62	.093	5.3497E+01	37.94	.109
5.8402E+01	65.43	.071	5.5842E+01	88.64	.105	5.3447E+01	39.90	.133
5.8344E+01	63.43	.055	5.5788E+01	83.05	.105	5.3396E+01	43.32	.145
5.8287E+01	62.12	.071	5.5734E+01	77.61	.095	5.3346E+01	45.93	.130
5.8230E+01	58.81	.088	5.5681E+01	73.71	.084	5.3296E+01	48.73	.130
5.8172E+01	56.38	.083	5.5627E+01	70.43	.083	5.3246E+01	48.39	.146
5.8115E+01	54.83	.071	5.5574E+01	64.15	.087	5.3196E+01	46.55	.150
5.8058E+01	56.65	.079	5.5520E+01	56.39	.113	5.3146E+01	47.92	.131
5.8001E+01	57.93	.074	5.5467E+01	50.20	.139	5.3096E+01	50.47	.107
5.7944E+01	60.30	.088	5.5414E+01	46.27	.153	5.3046E+01	50.61	.094
5.7887E+01	63.98	.094	5.5361E+01	45.03	.146	5.2996E+01	48.86	.109
5.7831E+01	67.35	.087	5.5308E+01	44.82	.128	5.2946E+01	44.80	.135
5.7774E+01	70.83	.085	5.5255E+01	44.75	.137	5.2897E+01	39.22	.154
5.7717E+01	78.04	.086	5.5202E+01	43.91	.142	5.2847E+01	33.59	.151
5.7661E+01	82.02	.084	5.5149E+01	44.49	.128	5.2798E+01	28.69	.155
5.7604E+01	84.39	.085	5.5096E+01	47.00	.104	5.2748E+01	25.17	.132
5.7548E+01	89.16	.093	5.5043E+01	50.83	.080	5.2699E+01	22.21	.130
5.7492E+01	90.78	.098	5.4991E+01	57.48	.060	5.2649E+01	18.88	.128
5.7436E+01	91.65	.103	5.4938E+01	66.49	.061	5.2600E+01	16.54	.084
5.7380E+01	91.11	.092	5.4886E+01	74.36	.084	5.2551E+01	14.86	.075
5.7324E+01	92.51	.086	5.4833E+01	80.70	.114	5.2502E+01	12.66	.112
5.7268E+01	85.06	.091	5.4781E+01	83.34	.117	5.2453E+01	10.85	.170
5.7212E+01	80.15	.108	5.4729E+01	82.93	.100	5.2404E+01	10.42	.175
5.7156E+01	76.32	.110	5.4677E+01	80.39	.087	5.2355E+01	10.36	.180

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
5.2306E+01	11.00	.156	5.0133E+01	14.80	.273	4.7925E+01	13.64	.195
5.2258E+01	11.73	.135	5.0087E+01	16.42	.226	4.7875E+01	13.52	.216
5.2209E+01	10.94	.169	5.0041E+01	17.50	.179	4.7825E+01	13.61	.238
5.2160E+01	11.11	.162	4.9996E+01	16.21	.186	4.7775E+01	12.66	.334
5.2112E+01	10.66	.165	0.	0.00	0.000	4.7725E+01	13.31	.289
5.2063E+01	9.34	.240	4.9975E+01	15.37	.204	4.7675E+01	16.15	.158
5.2015E+01	8.84	.313	4.9925E+01	14.02	.266	4.7625E+01	18.02	.133
5.1967E+01	9.60	.274	4.9875E+01	13.26	.290	4.7575E+01	18.43	.205
5.1918E+01	9.70	.203	4.9825E+01	11.95	.285	4.7525E+01	19.21	.237
5.1870E+01	8.50	.223	4.9775E+01	10.68	.315	4.7475E+01	21.14	.193
5.1822E+01	7.59	.273	4.9725E+01	10.42	.264	4.7425E+01	25.82	.108
5.1774E+01	7.22	.310	4.9675E+01	11.76	.196	4.7375E+01	30.22	.105
5.1726E+01	7.56	.252	4.9625E+01	12.42	.183	4.7325E+01	31.51	.175
5.1678E+01	8.00	.199	4.9575E+01	11.79	.193	4.7275E+01	33.19	.181
5.1630E+01	7.41	.246	4.9525E+01	12.42	.219	4.7225E+01	34.71	.108
5.1582E+01	7.11	.250	4.9475E+01	13.83	.228	4.7175E+01	34.71	.112
5.1535E+01	7.28	.211	4.9425E+01	14.90	.207	4.7125E+01	33.78	.136
5.1487E+01	7.77	.178	4.9375E+01	16.08	.179	4.7075E+01	33.36	.155
5.1439E+01	8.78	.149	4.9325E+01	18.78	.176	4.7025E+01	30.05	.197
5.1392E+01	9.85	.107	4.9275E+01	22.44	.158	4.6975E+01	25.85	.207
5.1344E+01	10.90	.096	4.9225E+01	24.60	.161	4.6925E+01	23.47	.193
5.1297E+01	10.94	.131	4.9175E+01	25.54	.175	4.6875E+01	22.77	.203
5.1250E+01	11.03	.205	4.9125E+01	27.10	.167	4.6825E+01	20.09	.222
5.1202E+01	12.05	.235	4.9075E+01	29.62	.173	4.6775E+01	16.13	.263
5.1155E+01	13.58	.182	4.9025E+01	32.98	.160	4.6725E+01	19.80	.250
5.1108E+01	14.77	.121	4.8975E+01	38.88	.192	4.6675E+01	13.93	.254
5.1061E+01	17.11	.067	4.8925E+01	47.10	.159	4.6625E+01	15.86	.183
5.1014E+01	18.18	.077	4.8875E+01	59.15	.105	4.6575E+01	16.17	.186
5.0967E+01	17.02	.108	4.8825E+01	77.34	.100	4.6525E+01	15.80	.180
5.0920E+01	16.42	.136	4.8775E+01	94.53	.080	4.6475E+01	16.48	.171
5.0873E+01	17.17	.139	4.8725E+01	108.74	.087	4.6425E+01	17.21	.139
5.0826E+01	17.21	.168	4.8675E+01	119.24	.108	4.6375E+01	17.02	.138
5.0780E+01	16.80	.192	4.8625E+01	121.44	.117	4.6325E+01	17.20	.189
5.0733E+01	17.65	.166	4.8575E+01	111.05	.133	4.6275E+01	21.43	.171
5.0687E+01	19.12	.140	4.8525E+01	86.52	.172	4.6225E+01	26.35	.154
5.0640E+01	20.16	.123	4.8475E+01	61.75	.204	4.6175E+01	27.15	.143
5.0594E+01	20.46	.120	4.8425E+01	47.12	.176	4.6125E+01	28.30	.135
5.0547E+01	19.61	.165	4.8375E+01	41.19	.131	4.6075E+01	29.06	.156
5.0501E+01	20.66	.141	4.8325E+01	35.63	.144	4.6025E+01	25.42	.182
5.0455E+01	20.36	.129	4.8275E+01	29.26	.159	4.5975E+01	22.33	.188
5.0409E+01	19.51	.149	4.8225E+01	23.39	.179	4.5925E+01	21.40	.168
5.0362E+01	19.71	.171	4.8175E+01	20.13	.190	4.5875E+01	17.02	.198
5.0316E+01	19.46	.192	4.8125E+01	20.87	.139	4.5825E+01	13.31	.263
5.0270E+01	19.26	.178	4.8075E+01	18.10	.180	4.5775E+01	12.72	.203
5.0225E+01	18.41	.155	4.8025E+01	14.99	.193	4.5725E+01	11.69	.096
5.0179E+01	15.92	.207	4.7975E+01	14.12	.173	4.5675E+01	11.04	.124

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
4.5625E+01	11.51	.162	4.3325E+01	18.52	.296	4.1025E+01	25.38	.197
4.5575E+01	10.72	.221	4.3275E+01	20.17	.280	4.0975E+01	27.87	.239
4.5525E+01	8.74	.296	4.3225E+01	18.12	.215	4.0925E+01	31.09	.209
4.5475E+01	7.60	.319	4.3175E+01	15.12	.248	4.0875E+01	26.27	.320
4.5425E+01	7.39	.391	4.3125E+01	14.16	.348	4.0825E+01	24.20	.312
4.5375E+01	7.14	.451	4.3075E+01	12.53	.410	4.0775E+01	26.52	.229
4.5325E+01	7.31	.379	4.3025E+01	14.17	.259	4.0725E+01	27.22	.268
4.5275E+01	7.12	.329	4.2975E+01	17.28	.183	4.0675E+01	29.04	.227
4.5225E+01	6.87	.344	4.2925E+01	19.17	.203	4.0625E+01	32.86	.181
4.5175E+01	7.12	.325	4.2875E+01	22.60	.243	4.0575E+01	33.77	.158
4.5125E+01	8.26	.232	4.2825E+01	26.50	.248	4.0525E+01	36.77	.140
4.5075E+01	8.50	.184	4.2775E+01	31.66	.192	4.0475E+01	37.35	.147
4.5025E+01	7.78	.289	4.2725E+01	36.15	.132	4.0425E+01	36.28	.141
4.4975E+01	8.31	.288	4.2675E+01	38.14	.169	4.0375E+01	32.25	.230
4.4925E+01	8.82	.284	4.2625E+01	40.07	.183	4.0325E+01	26.81	.302
4.4875E+01	8.42	.355	4.2575E+01	40.19	.220	4.0275E+01	27.39	.322
4.4825E+01	9.31	.340	4.2525E+01	45.16	.200	4.0225E+01	29.81	.278
4.4775E+01	10.13	.334	4.2475E+01	40.96	.212	4.0175E+01	36.04	.202
4.4725E+01	10.34	.302	4.2425E+01	29.10	.314	4.0125E+01	38.77	.218
4.4675E+01	11.46	.211	4.2375E+01	23.50	.373	4.0075E+01	36.32	.214
4.4625E+01	12.46	.206	4.2325E+01	24.07	.326	4.0025E+01	34.72	.165
4.4575E+01	12.86	.212	4.2275E+01	23.60	.267	3.9975E+01	31.87	.225
4.4525E+01	12.45	.277	4.2225E+01	25.86	.194	3.9925E+01	29.31	.291
4.4475E+01	13.66	.222	4.2175E+01	25.38	.166	3.9875E+01	31.27	.297
4.4425E+01	15.69	.116	4.2125E+01	21.63	.240	3.9825E+01	32.73	.261
4.4375E+01	16.25	.107	4.2075E+01	18.62	.324	3.9775E+01	27.38	.352
4.4325E+01	14.56	.176	4.2025E+01	18.02	.337	3.9725E+01	27.91	.384
4.4275E+01	13.39	.183	4.1975E+01	17.15	.345	3.9675E+01	25.32	.448
4.4225E+01	12.57	.219	4.1925E+01	17.69	.279	3.9625E+01	26.62	.375
4.4175E+01	12.51	.238	4.1875E+01	19.43	.203	3.9575E+01	31.63	.261
4.4125E+01	12.08	.203	4.1825E+01	20.90	.192	3.9525E+01	32.09	.319
4.4075E+01	11.24	.164	4.1775E+01	19.52	.211	3.9475E+01	32.17	.253
4.4025E+01	13.71	.123	4.1725E+01	17.67	.248	3.9425E+01	35.63	.172
4.3975E+01	13.16	.168	4.1675E+01	16.15	.260	3.9375E+01	35.79	.153
4.3925E+01	10.50	.226	4.1625E+01	14.26	.327	3.9325E+01	38.41	.148
4.3875E+01	9.03	.387	4.1575E+01	15.34	.266	3.9275E+01	33.89	.227
4.3825E+01	9.84	.381	4.1525E+01	17.07	.174	3.9225E+01	30.03	.238
4.3775E+01	13.33	.262	4.1475E+01	16.33	.230	3.9175E+01	29.73	.262
4.3725E+01	14.87	.264	4.1425E+01	14.90	.285	3.9125E+01	28.38	.262
4.3675E+01	16.16	.245	4.1375E+01	14.02	.293	3.9075E+01	27.43	.245
4.3625E+01	17.06	.294	4.1325E+01	15.17	.199	3.9025E+01	27.60	.343
4.3575E+01	19.02	.262	4.1275E+01	17.63	.206	3.8975E+01	25.86	.443
4.3525E+01	20.82	.253	4.1225E+01	20.75	.159	3.8925E+01	20.43	.645
4.3475E+01	21.44	.225	4.1175E+01	20.98	.202	3.8875E+01	20.23	.578
4.3425E+01	20.10	.317	4.1125E+01	21.55	.234	3.8825E+01	24.25	.325
4.3375E+01	17.89	.359	4.1075E+01	25.95	.178	3.8775E+01	21.62	.276

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
3.8725E+01	19.04	.346	3.6425E+01	46.82	.205	3.4125E+01	56.94	.292
3.8675E+01	18.79	.343	3.6375E+01	44.06	.210	3.4075E+01	56.16	.341
3.8625E+01	17.36	.384	3.6325E+01	43.60	.237	3.4025E+01	59.31	.282
3.8575E+01	16.55	.389	3.6275E+01	48.90	.236	3.3975E+01	61.21	.286
3.8525E+01	15.77	.317	3.6225E+01	41.91	.327	3.3925E+01	65.15	.230
3.8475E+01	14.53	.329	3.6175E+01	39.06	.275	3.3875E+01	64.16	.245
3.8425E+01	15.30	.358	3.6125E+01	36.73	.303	3.3825E+01	65.76	.165
3.8375E+01	14.07	.334	3.6075E+01	36.50	.297	3.3775E+01	66.44	.133
3.8325E+01	13.72	.291	3.6025E+01	38.60	.216	3.3725E+01	56.06	.166
3.8275E+01	14.08	.226	3.5975E+01	43.26	.184	3.3675E+01	55.32	.194
3.8225E+01	13.24	.273	3.5925E+01	36.18	.274	3.3625E+01	61.28	.141
3.8175E+01	10.80	.494	3.5875E+01	34.71	.321	3.3575E+01	55.75	.209
3.8125E+01	12.13	.460	3.5825E+01	38.89	.231	3.3525E+01	53.31	.226
3.8075E+01	12.52	.437	3.5775E+01	32.75	.348	3.3475E+01	46.78	.300
3.8025E+01	13.91	.354	3.5725E+01	29.83	.444	3.3425E+01	44.76	.325
3.7975E+01	14.88	.318	3.5675E+01	39.36	.235	3.3375E+01	53.19	.201
3.7925E+01	16.35	.220	3.5625E+01	43.89	.196	3.3325E+01	58.65	.163
3.7875E+01	15.79	.207	3.5575E+01	37.42	.248	3.3275E+01	58.66	.141
3.7825E+01	16.93	.210	3.5525E+01	38.71	.142	3.3225E+01	59.54	.209
3.7775E+01	18.83	.197	3.5475E+01	38.83	.135	3.3175E+01	57.17	.249
3.7725E+01	22.70	.174	3.5425E+01	35.34	.221	3.3125E+01	53.36	.215
3.7675E+01	21.30	.277	3.5375E+01	35.63	.232	3.3075E+01	58.75	.126
3.7625E+01	21.13	.302	3.5325E+01	40.37	.158	3.3025E+01	47.08	.300
3.7575E+01	28.00	.169	3.5275E+01	44.87	.130	3.2975E+01	52.63	.196
3.7525E+01	33.62	.152	3.5225E+01	47.61	.140	3.2925E+01	51.10	.212
3.7475E+01	33.97	.129	3.5175E+01	39.26	.158	3.2875E+01	43.88	.308
3.7425E+01	33.50	.214	3.5125E+01	38.50	.145	3.2825E+01	46.64	.208
3.7375E+01	29.80	.245	3.5075E+01	42.04	.110	3.2775E+01	49.89	.201
3.7325E+01	27.29	.358	3.5025E+01	41.24	.143	3.2725E+01	47.18	.185
3.7275E+01	28.47	.317	3.4975E+01	41.33	.239	3.2675E+01	47.14	.180
3.7225E+01	28.46	.290	3.4925E+01	44.55	.214	3.2625E+01	43.11	.215
3.7175E+01	24.55	.371	3.4875E+01	45.35	.201	3.2575E+01	39.82	.194
3.7125E+01	25.32	.352	3.4825E+01	38.15	.343	3.2525E+01	36.61	.280
3.7075E+01	26.54	.329	3.4775E+01	39.54	.318	3.2475E+01	36.93	.290
3.7025E+01	22.52	.442	3.4725E+01	52.29	.203	3.2425E+01	36.48	.304
3.6975E+01	22.96	.386	3.4675E+01	59.29	.102	3.2375E+01	38.31	.248
3.6925E+01	22.46	.396	3.4625E+01	62.40	.143	3.2325E+01	40.54	.219
3.6875E+01	22.95	.349	3.4575E+01	61.24	.206	3.2275E+01	40.92	.206
3.6825E+01	24.76	.332	3.4525E+01	58.38	.238	3.2225E+01	44.87	.178
3.6775E+01	27.18	.350	3.4475E+01	61.26	.210	3.2175E+01	45.08	.168
3.6725E+01	26.02	.467	3.4425E+01	62.82	.188	3.2125E+01	51.71	.178
3.6675E+01	31.12	.357	3.4375E+01	58.73	.233	3.2075E+01	60.57	.130
3.6625E+01	44.01	.162	3.4325E+01	62.78	.205	3.2025E+01	71.68	.093
3.6575E+01	50.59	.165	3.4275E+01	73.34	.176	3.1975E+01	82.96	.102
3.6525E+01	53.20	.157	3.4225E+01	78.78	.127	3.1925E+01	69.36	.188
3.6475E+01	44.85	.288	3.4175E+01	63.39	.188	3.1875E+01	68.14	.173

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
3.1825E+01	73.52	.141	2.9525E+01	43.90	.277	2.7225E+01	31.72	.298
3.1775E+01	73.00	.140	2.9475E+01	37.35	.486	2.7175E+01	27.10	.329
3.1725E+01	65.63	.208	2.9425E+01	42.30	.258	2.7125E+01	29.94	.331
3.1675E+01	65.78	.224	2.9375E+01	47.53	.251	2.7075E+01	31.28	.306
3.1625E+01	67.88	.174	2.9325E+01	59.19	.134	2.7025E+01	38.35	.175
3.1575E+01	68.23	.184	2.9275E+01	66.95	.156	2.6975E+01	36.98	.217
3.1525E+01	64.65	.178	2.9225E+01	84.93	.119	2.6925E+01	38.02	.258
3.1475E+01	61.55	.207	2.9175E+01	79.16	.169	2.6875E+01	36.09	.234
3.1425E+01	63.98	.186	2.9125E+01	77.47	.196	2.6825E+01	38.44	.400
3.1375E+01	62.88	.130	2.9075E+01	84.63	.198	2.6775E+01	43.62	.254
3.1325E+01	57.74	.210	2.9025E+01	88.88	.186	2.6725E+01	57.08	.200
3.1275E+01	47.49	.372	2.8975E+01	77.04	.245	2.6675E+01	50.13	.275
3.1225E+01	43.14	.371	2.8925E+01	90.50	.252	2.6625E+01	49.81	.353
3.1175E+01	49.44	.261	2.8875E+01	110.25	.155	2.6575E+01	48.53	.396
3.1125E+01	38.11	.462	2.8825E+01	99.76	.176	2.6525E+01	57.82	.262
3.1075E+01	38.50	.412	2.8775E+01	96.91	.157	2.6475E+01	61.96	.157
3.1025E+01	45.56	.270	2.8725E+01	75.68	.186	2.6425E+01	61.78	.219
3.0975E+01	45.63	.292	2.8675E+01	90.18	.130	2.6375E+01	58.08	.271
3.0925E+01	46.01	.277	2.8625E+01	83.57	.150	2.6325E+01	49.34	.463
3.0875E+01	55.56	.143	2.8575E+01	73.83	.295	2.6275E+01	58.39	.311
3.0825E+01	55.33	.221	2.8525E+01	64.33	.308	2.6225E+01	58.76	.195
3.0775E+01	50.00	.294	2.8475E+01	70.08	.168	2.6175E+01	50.46	.240
3.0725E+01	57.80	.155	2.8425E+01	59.12	.219	2.6125E+01	57.57	.182
3.0675E+01	59.16	.180	2.8375E+01	63.05	.190	2.6075E+01	58.04	.199
3.0625E+01	60.38	.206	2.8325E+01	67.04	.170	2.6025E+01	47.91	.313
3.0575E+01	61.19	.206	2.8275E+01	57.00	.261	2.5975E+01	52.17	.210
3.0525E+01	46.97	.305	2.8225E+01	54.80	.239	2.5925E+01	58.22	.227
3.0475E+01	43.70	.310	2.8175E+01	50.98	.304	2.5875E+01	46.58	.353
3.0425E+01	42.43	.379	2.8125E+01	54.40	.326	2.5825E+01	64.61	.200
3.0375E+01	42.56	.282	2.8075E+01	42.03	.525	2.5775E+01	67.33	.162
3.0325E+01	39.69	.295	2.8025E+01	43.21	.266	2.5725E+01	64.38	.201
3.0275E+01	40.88	.305	2.7975E+01	55.57	.190	2.5675E+01	57.63	.236
3.0225E+01	33.17	.418	2.7925E+01	52.35	.189	2.5625E+01	64.70	.347
3.0175E+01	39.98	.229	2.7875E+01	49.86	.228	2.5575E+01	62.62	.306
3.0125E+01	38.81	.228	2.7825E+01	46.24	.268	2.5525E+01	69.66	.168
3.0075E+01	29.76	.374	2.7775E+01	48.59	.197	2.5475E+01	72.60	.150
3.0025E+01	25.19	.368	2.7725E+01	44.43	.169	2.5425E+01	79.53	.230
2.9975E+01	27.70	.367	2.7675E+01	40.33	.283	2.5375E+01	89.37	.237
2.9925E+01	35.57	.199	2.7625E+01	41.72	.249	2.5325E+01	115.85	.150
2.9875E+01	28.43	.425	2.7575E+01	44.82	.181	2.5275E+01	98.54	.211
2.9825E+01	29.45	.318	2.7525E+01	37.13	.191	2.5225E+01	115.30	.154
2.9775E+01	21.10	.569	2.7475E+01	34.85	.222	2.5175E+01	88.39	.296
2.9725E+01	24.63	.518	2.7425E+01	38.38	.262	2.5125E+01	102.90	.278
2.9675E+01	33.78	.212	2.7375E+01	36.61	.261	2.5075E+01	96.15	.237
2.9625E+01	36.40	.281	2.7325E+01	32.05	.338	2.5025E+01	73.82	.304
2.9575E+01	39.24	.308	2.7275E+01	29.33	.377	2.4975E+01	62.28	.425

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.4925E+01	52.88	.442	2.2625E+01	208.57	.148	2.0325E+01	108.03	.187
2.4875E+01	71.07	.159	2.2575E+01	224.78	.158	2.0275E+01	86.99	.239
2.4825E+01	73.91	.168	2.2525E+01	263.68	.165	2.0225E+01	89.96	.205
2.4775E+01	64.14	.224	2.2475E+01	297.52	.165	2.0175E+01	74.96	.214
2.4725E+01	57.41	.304	2.2425E+01	321.38	.202	2.0125E+01	74.71	.215
2.4675E+01	49.91	.418	2.2375E+01	339.55	.148	2.0075E+01	65.78	.224
2.4625E+01	46.21	.283	2.2325E+01	381.21	.160	2.0025E+01	62.02	.201
2.4575E+01	43.26	.326	2.2275E+01	379.50	.178	1.9975E+01	53.32	.314
2.4525E+01	47.10	.218	2.2225E+01	372.86	.200	1.9925E+01	50.56	.334
2.4475E+01	53.03	.194	2.2175E+01	380.81	.178	1.9875E+01	57.94	.210
2.4425E+01	48.32	.301	2.2125E+01	393.31	.157	1.9825E+01	54.59	.257
2.4375E+01	53.98	.202	2.2075E+01	380.75	.161	1.9775E+01	49.77	.220
2.4325E+01	45.10	.258	2.2025E+01	405.48	.176	1.9725E+01	63.18	.225
2.4275E+01	52.96	.206	2.1975E+01	346.49	.152	1.9675E+01	41.55	.511
2.4225E+01	54.37	.220	2.1925E+01	341.24	.160	1.9625E+01	43.82	.510
2.4175E+01	55.32	.287	2.1875E+01	361.46	.169	1.9575E+01	38.66	.518
2.4125E+01	60.57	.267	2.1825E+01	345.77	.163	1.9525E+01	55.86	.293
2.4075E+01	67.91	.193	2.1775E+01	293.45	.167	1.9475E+01	63.99	.197
2.4025E+01	57.85	.235	2.1725E+01	318.33	.173	1.9425E+01	70.71	.204
2.3975E+01	55.36	.360	2.1675E+01	274.79	.157	1.9375E+01	81.56	.198
2.3925E+01	68.78	.201	2.1625E+01	295.55	.178	1.9325E+01	91.44	.191
2.3875E+01	80.37	.190	2.1575E+01	195.44	.210	1.9275E+01	94.27	.272
2.3825E+01	78.51	.287	2.1525E+01	183.16	.179	1.9225E+01	133.27	.188
2.3775E+01	71.31	.260	2.1475E+01	131.41	.251	1.9175E+01	163.66	.201
2.3725E+01	96.57	.169	2.1425E+01	128.67	.172	1.9125E+01	179.01	.214
2.3675E+01	105.66	.182	2.1375E+01	123.65	.229	1.9075E+01	194.69	.201
2.3625E+01	114.48	.197	2.1325E+01	99.03	.329	1.9025E+01	246.75	.215
2.3575E+01	73.79	.409	2.1275E+01	104.09	.207	1.8975E+01	234.54	.212
2.3525E+01	75.35	.332	2.1225E+01	92.16	.193	1.8925E+01	271.95	.206
2.3475E+01	87.52	.186	2.1175E+01	107.52	.209	1.8875E+01	295.80	.213
2.3425E+01	79.91	.222	2.1125E+01	79.45	.173	1.8825E+01	296.64	.197
2.3375E+01	81.99	.191	2.1075E+01	71.25	.212	1.8775E+01	252.37	.192
2.3325E+01	83.04	.182	2.1025E+01	86.30	.185	1.8725E+01	222.63	.181
2.3275E+01	87.34	.159	2.0975E+01	81.41	.199	1.8675E+01	222.41	.198
2.3225E+01	94.12	.162	2.0925E+01	67.11	.290	1.8625E+01	198.50	.198
2.3175E+01	99.61	.180	2.0875E+01	75.51	.262	1.8575E+01	142.77	.276
2.3125E+01	89.68	.165	2.0825E+01	92.28	.336	1.8525E+01	143.85	.220
2.3075E+01	90.68	.246	2.0775E+01	83.07	.263	1.8475E+01	128.32	.184
2.3025E+01	93.46	.232	2.0725E+01	84.36	.239	1.8425E+01	113.74	.233
2.2975E+01	98.06	.216	2.0675E+01	114.99	.195	1.8375E+01	99.89	.310
2.2925E+01	113.33	.172	2.0625E+01	105.78	.332	1.8325E+01	90.57	.228
2.2875E+01	116.99	.169	2.0575E+01	122.52	.199	1.8275E+01	83.47	.361
2.2825E+01	121.51	.279	2.0525E+01	112.65	.241	1.8225E+01	88.82	.326
2.2775E+01	129.82	.283	2.0475E+01	127.59	.194	1.8175E+01	84.58	.318
2.2725E+01	132.51	.347	2.0425E+01	130.92	.187	1.8125E+01	96.48	.230
2.2675E+01	170.79	.150	2.0375E+01	105.27	.173	1.8075E+01	79.25	.407

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.8025E+01	83.67	.354	1.5725E+01	129.04	.265	1.3425E+01	93.49	.296
1.7975E+01	86.10	.312	1.5675E+01	127.87	.258	1.3375E+01	80.37	.291
1.7925E+01	83.00	.223	1.5625E+01	128.98	.251	1.3325E+01	78.92	.277
1.7875E+01	82.74	.288	1.5575E+01	121.20	.306	1.3275E+01	71.65	.280
1.7825E+01	81.44	.221	1.5525E+01	171.29	.225	1.3225E+01	89.59	.310
1.7775E+01	74.20	.224	1.5475E+01	177.18	.223	1.3175E+01	81.58	.278
1.7725E+01	59.00	.332	1.5425E+01	178.84	.239	1.3125E+01	105.80	.293
1.7675E+01	43.23	.387	1.5375E+01	224.58	.247	1.3075E+01	143.83	.299
1.7625E+01	51.88	.368	1.5325E+01	220.25	.246	1.3025E+01	181.52	.274
1.7575E+01	34.18	.511	1.5275E+01	216.28	.239	1.2975E+01	218.37	.294
1.7525E+01	42.58	.296	1.5225E+01	235.50	.247	1.2925E+01	264.13	.282
1.7475E+01	35.83	.386	1.5175E+01	179.51	.227	1.2875E+01	360.43	.284
1.7425E+01	23.18	.682	1.5125E+01	120.66	.249	1.2825E+01	325.25	.281
1.7375E+01	24.76	.441	1.5075E+01	89.91	.267	1.2775E+01	407.26	.288
1.7325E+01	32.47	.262	1.5025E+01	71.83	.272	1.2725E+01	421.65	.274
1.7275E+01	30.76	.259	1.4975E+01	63.71	.292	1.2675E+01	395.45	.291
1.7225E+01	37.18	.261	1.4925E+01	52.82	.273	1.2625E+01	345.63	.287
1.7175E+01	25.70	.311	1.4875E+01	43.23	.277	1.2575E+01	256.73	.276
1.7125E+01	30.58	.369	1.4825E+01	30.51	.299	1.2525E+01	219.94	.267
1.7075E+01	42.53	.236	1.4775E+01	27.85	.389	1.2475E+01	225.38	.275
1.7025E+01	48.40	.241	1.4725E+01	23.60	.457	1.2425E+01	179.86	.292
1.6975E+01	43.89	.351	1.4675E+01	20.12	.419	1.2375E+01	148.56	.298
1.6925E+01	35.53	.507	1.4625E+01	26.64	.321	1.2325E+01	125.67	.294
1.6875E+01	50.87	.336	1.4575E+01	16.80	.373	1.2275E+01	107.20	.307
1.6825E+01	53.85	.487	1.4525E+01	28.23	.352	1.2225E+01	96.32	.307
1.6775E+01	66.49	.422	1.4475E+01	21.94	.355	1.2175E+01	93.43	.304
1.6725E+01	89.28	.447	1.4425E+01	25.02	.329	1.2125E+01	77.69	.284
1.6675E+01	116.80	.316	1.4375E+01	28.65	.355	1.2075E+01	85.23	.349
1.6625E+01	142.36	.265	1.4325E+01	31.02	.349	1.2025E+01	77.40	.321
1.6575E+01	174.33	.233	1.4275E+01	37.60	.495	1.1975E+01	81.11	.323
1.6525E+01	194.46	.236	1.4225E+01	25.15	.302	1.1925E+01	76.17	.306
1.6475E+01	209.63	.225	1.4175E+01	22.66	.343	1.1875E+01	58.47	.409
1.6425E+01	183.76	.267	1.4125E+01	26.65	.426	1.1825E+01	56.98	.352
1.6375E+01	206.88	.222	1.4075E+01	46.98	.296	1.1775E+01	65.09	.319
1.6325E+01	209.92	.225	1.4025E+01	60.06	.288	1.1725E+01	74.66	.337
1.6275E+01	196.76	.258	1.3975E+01	73.16	.270	1.1675E+01	77.57	.299
1.6225E+01	199.30	.241	1.3925E+01	67.19	.270	1.1625E+01	71.83	.287
1.6175E+01	183.91	.239	1.3875E+01	79.25	.263	1.1575E+01	70.52	.309
1.6125E+01	173.87	.252	1.3825E+01	97.29	.258	1.1525E+01	65.07	.335
1.6075E+01	167.99	.244	1.3775E+01	97.29	.268	1.1475E+01	77.62	.310
1.6025E+01	161.41	.234	1.3725E+01	102.98	.284	1.1425E+01	89.88	.312
1.5975E+01	143.80	.234	1.3675E+01	125.62	.263	1.1375E+01	76.45	.332
1.5925E+01	140.21	.226	1.3625E+01	126.44	.265	1.1325E+01	94.04	.327
1.5875E+01	123.35	.229	1.3575E+01	111.45	.293	1.1275E+01	101.63	.327
1.5825E+01	97.90	.361	1.3525E+01	94.67	.270	1.1225E+01	113.25	.326
1.5775E+01	113.67	.270	1.3475E+01	87.87	.263	1.1175E+01	122.50	.315

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.1125E+01	89.72	.285	1.0725E+01	178.91	.318	1.0325E+01	708.01	.336
1.1075E+01	87.32	.308	1.0675E+01	242.09	.306	1.0275E+01	617.49	.321
1.1025E+01	101.34	.309	1.0625E+01	298.06	.322	1.0225E+01	474.17	.307
1.0975E+01	123.59	.319	1.0575E+01	377.43	.319	1.0175E+01	456.63	.336
1.0925E+01	116.93	.332	1.0525E+01	492.22	.318	1.0125E+01	314.64	.303
1.0875E+01	140.62	.318	1.0475E+01	583.30	.327	1.0075E+01	278.35	.320
1.0825E+01	149.95	.324	1.0425E+01	681.51	.331	1.0025E+01	253.70	.599
1.0775E+01	131.45	.306	1.0375E+01	674.55	.326			

IV. ^{235}U: J. D. Cramer[9]

In Fig. 7, the same high-resolution signal used to determine the flux is plotted in terms of cross section. Signals were successfully recorded at low resolution from detectors at 55 and 90° on ^{235}U targets in both neutron beams, and two readings were made of each recording. The averages of the readings for each detector are plotted in Figs. 8 and 9, with the overall average indicated by a line. Because the beam A amplifiers recovered less quickly after the catastrophe, those readings are not included in the average above 2000 eV. The correlated error below 10 keV is ±4.5%. The average data are listed in Table IV and selected integrals are compared to the ORNL-RPI data[5] in Table V. Note that the Pommard results appear to be 15% high from 60 eV to 1 keV.

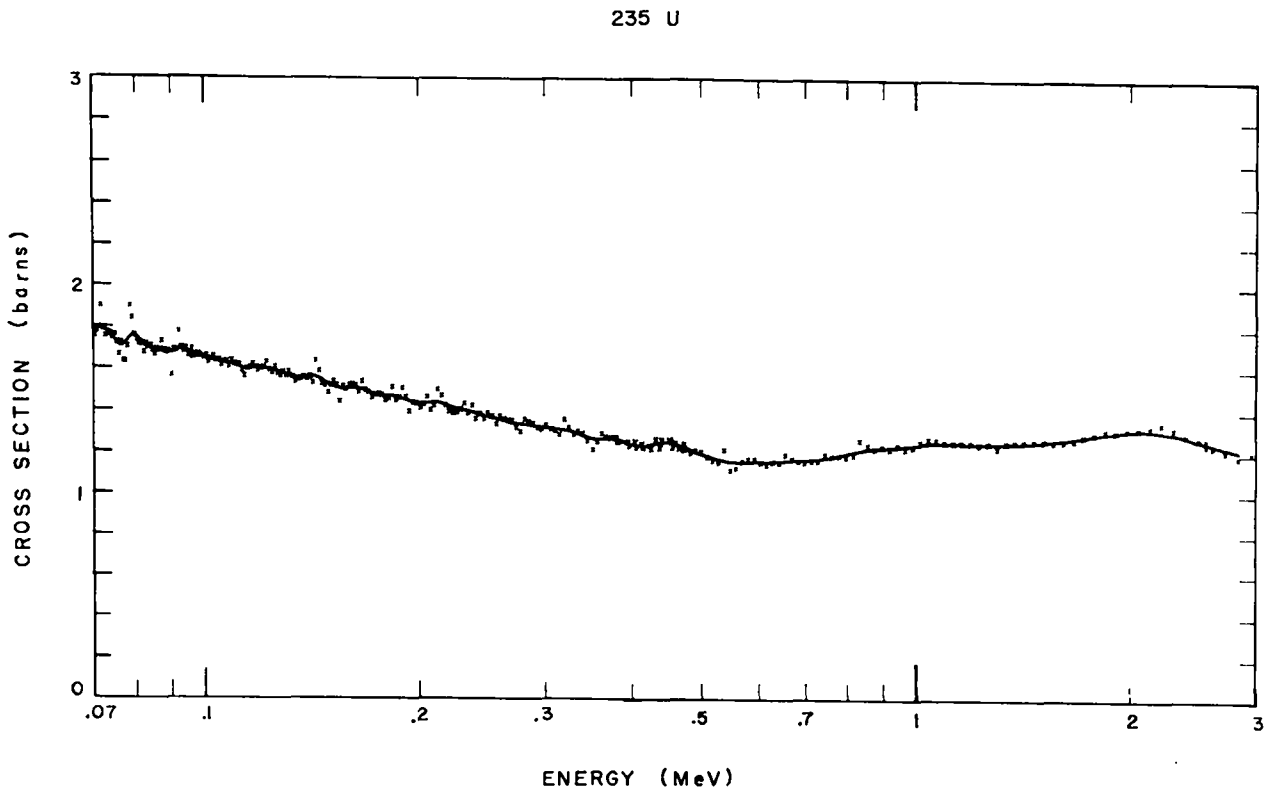

Fig. 7. Fission cross section of ^{235}U. Self-normalized to the evaluation of Davey (Ref. 4).

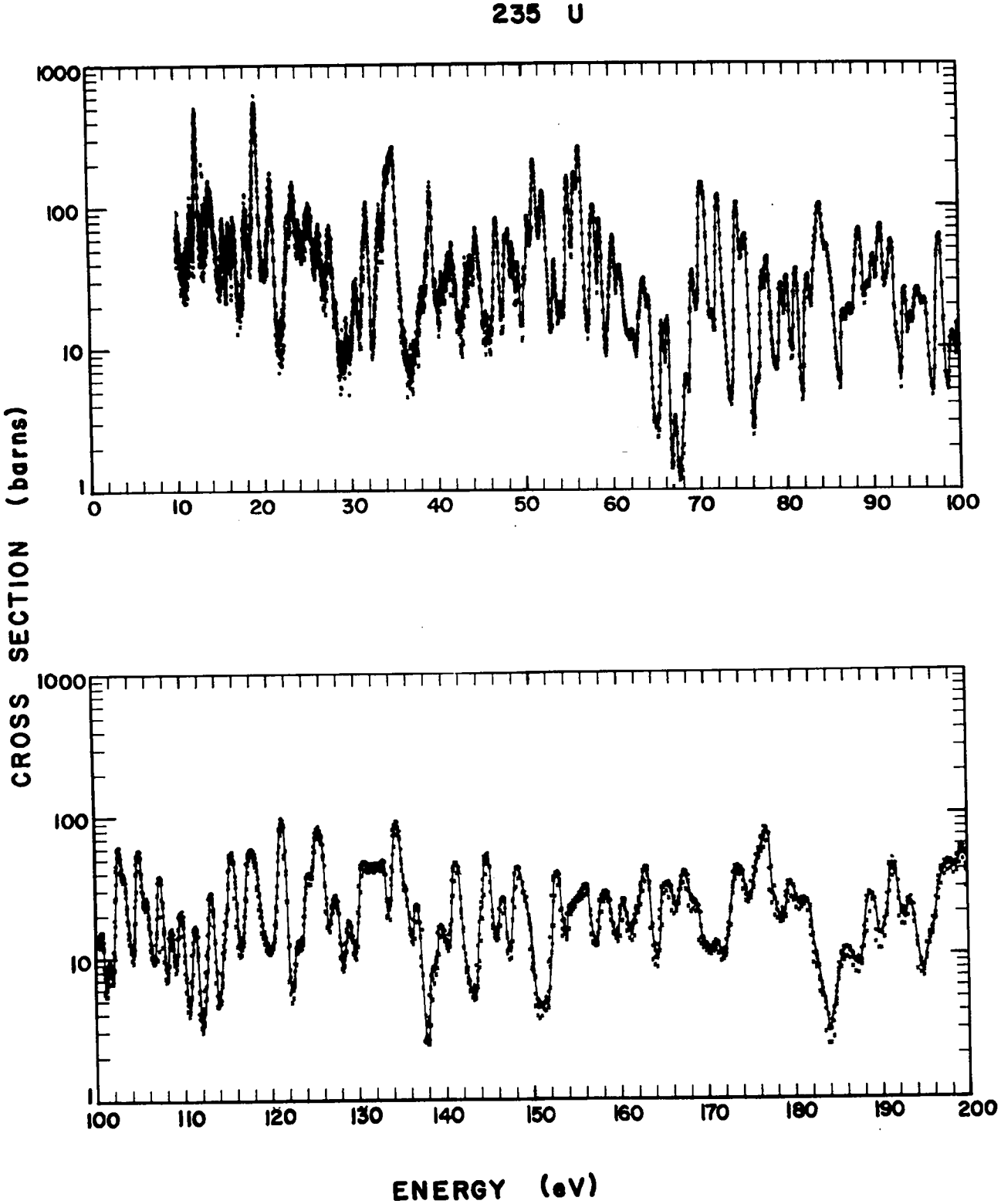

Fig. 8. Fission cross section of ^{235}U. Average from two targets (x beam A, * beam B); points are plotted for 55 and 90° detectors in each beam.

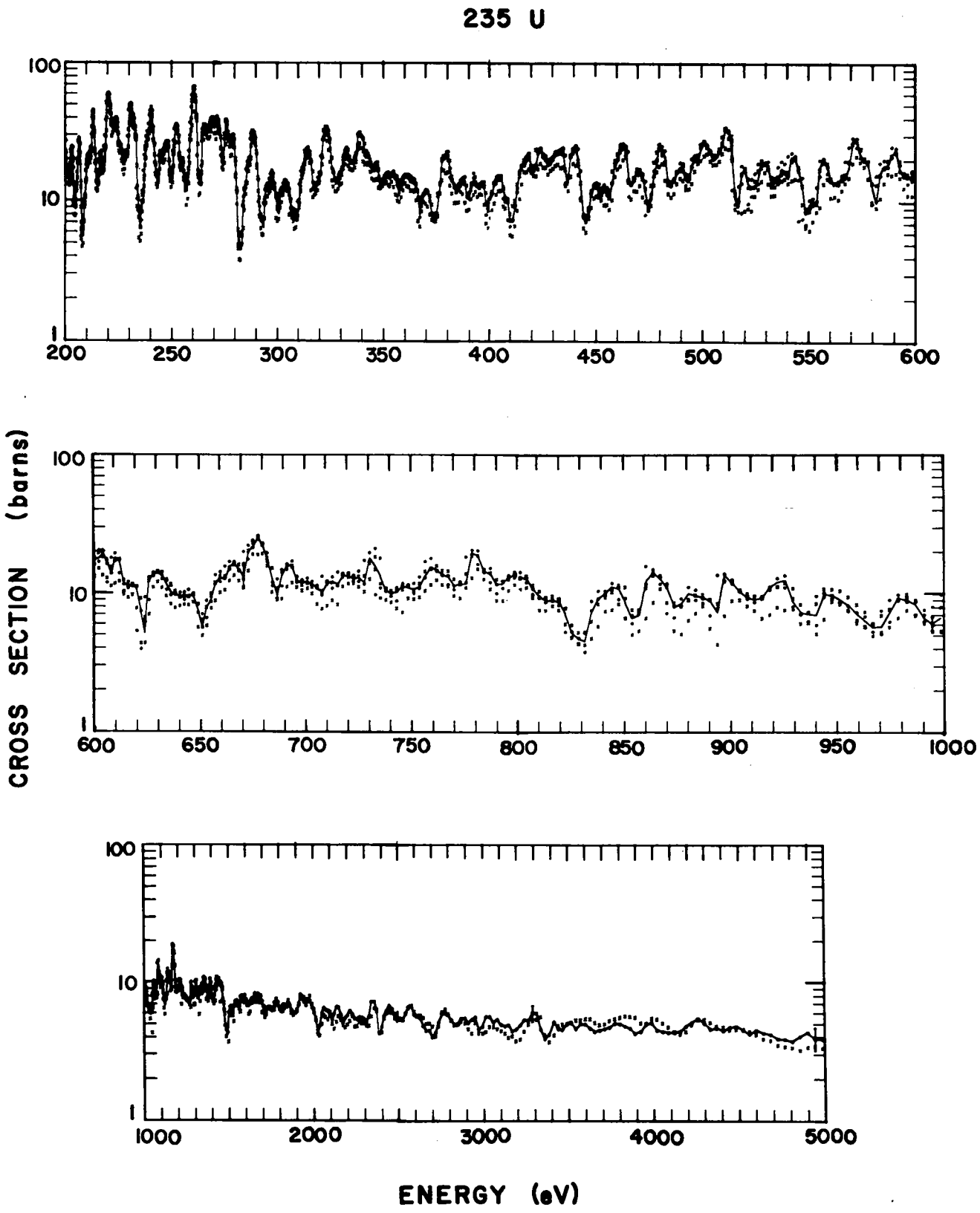

Fig. 9. Fission cross section of ^{235}U. Average from two targets (x beam A, * beam B); above 2 keV only beam B is included in average.

TABLE IV

FISSION CROSS SECTION OF ^{235}U (J. D. CRAMER[9])

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.8404E+06	1.19	.062	7.5918E+05	1.18	.047	3.4516E+05	1.25	.C53
2.72C9E+06	1.21	.049	7.4241E+05	1.19	.049	3.3999E+05	1.29	.C45
2.6C88E+06	1.24	.049	7.2618E+05	1.16	.046	3.3493E+05	1.30	.C49
2.5034E+06	1.27	.045	7.1048E+05	1.16	.044	3.2999E+05	1.28	.C50
2.4C43E+06	1.29	.044	6.9529E+05	1.15	.044	3.2515E+05	1.32	.C46
2.311CE+06	1.32	.044	6.8058E+05	1.16	.045	3.2043E+05	1.36	.C52
2.2230E+06	1.35	.046	6.6633E+05	1.17	.045	3.1580E+05	1.28	.C47
2.1400E+06	1.33	.060	6.5252E+05	1.19	.056	3.1127E+05	1.31	.C51
2.C615E+06	1.32	.054	6.3914E+05	1.15	.053	3.0684E+05	1.31	.C50
1.9873E+06	1.32	.050	6.2616E+05	1.16	.046	3.0250E+05	1.33	.C55
1.9169E+06	1.31	.044	6.1358E+05	1.14	.048	2.9826E+05	1.31	.C47
1.8503E+06	1.31	.044	6.0137E+05	1.15	.047	2.9410E+05	1.32	.C45
1.7871E+06	1.29	.045	5.8952E+05	1.17	.045	2.9003E+05	1.34	.C46
1.727CE+06	1.28	.044	5.7802E+05	1.17	.045	2.8604E+05	1.35	.C46
1.6700E+06	1.27	.046	5.6686E+05	1.16	.045	2.8214E+05	1.36	.C51
1.6157E+06	1.26	.044	5.5601E+05	1.13	.052	2.7831E+05	1.30	.C70
1.5640E+06	1.25	.044	5.4547E+05	1.11	.077	2.7456E+05	1.32	.C68
1.5148E+06	1.26	.044	5.3523E+05	1.22	.074	2.7089E+05	1.35	.C56
1.4678E+06	1.26	.044	5.2527E+05	1.15	.064	2.6729E+05	1.35	.C53
1.4230E+06	1.26	.047	5.1559E+05	1.16	.058	2.6376E+05	1.36	.C60
1.3803E+06	1.25	.044	5.0618E+05	1.18	.054	2.6030E+05	1.37	.C50
1.3394E+06	1.25	.047	4.9701E+05	1.21	.047	2.5691E+05	1.34	.C48
1.3C03E+06	1.22	.045	4.8810E+05	1.21	.049	2.5359E+05	1.37	.C50
1.2629E+06	1.25	.044	4.7942E+05	1.20	.045	2.5032E+05	1.39	.C57
1.2271E+06	1.24	.044	4.7098E+05	1.22	.047	2.4713E+05	1.36	.C55
1.1928E+06	1.25	.044	4.6275E+05	1.23	.049	2.4399E+05	1.38	.C46
1.1599E+06	1.25	.044	4.5474E+05	1.24	.050	2.4091E+05	1.36	.C48
1.1283E+06	1.25	.044	4.4693E+05	1.32	.053	2.3789E+05	1.42	.C48
1.C980E+06	1.25	.044	4.3933E+05	1.31	.067	2.3492E+05	1.38	.C46
1.C690E+06	1.26	.046	4.3191E+05	1.23	.047	2.3201E+05	1.43	.C48
1.C410E+06	1.27	.044	4.2469E+05	1.20	.048	2.2916E+05	1.40	.C50
1.C142E+06	1.25	.051	4.1764E+05	1.21	.070	2.2636E+05	1.39	.C56
9.8834E+05	1.23	.045	4.1076E+05	1.23	.045	2.2360E+05	1.39	.C50
9.6348E+05	1.22	.045	4.0406E+05	1.24	.045	2.2090E+05	1.39	.C54
9.3955E+05	1.24	.066	3.9752E+05	1.24	.046	2.1825E+05	1.42	.C51
9.1650E+05	1.22	.047	3.9113E+05	1.26	.046	2.1564E+05	1.47	.C46
8.9429E+05	1.23	.054	3.8490E+05	1.25	.045	2.1308E+05	1.50	.C60
8.7288E+05	1.22	.047	3.7881E+05	1.27	.048	2.1057E+05	1.42	.C48
8.5222E+05	1.24	.055	3.7287E+05	1.27	.047	2.0810E+05	1.40	.C58
8.3229E+05	1.26	.058	3.6707E+05	1.27	.050	2.0567E+05	1.46	.C52
8.1306E+05	1.19	.044	3.6140E+05	1.29	.054	2.0328E+05	1.43	.C49
7.9448E+05	1.18	.044	3.5586E+05	1.25	.053	2.0094E+05	1.41	.C66
7.7653E+05	1.18	.045	3.5045E+05	1.21	.055	1.9864E+05	1.43	.C52

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.9637E+05	1.44	.047	1.2313E+05	1.59	.048	8.4348E+04	1.69	.050
1.9415E+05	1.39	.050	1.2202E+05	1.63	.061	8.3719E+04	1.71	.048
1.9196E+05	1.46	.054	1.2093E+05	1.60	.046	8.3098E+04	1.70	.050
1.8981E+05	1.51	.050	1.1985E+05	1.60	.048	8.2483E+04	1.71	.065
1.8770E+05	1.46	.046	1.1879E+05	1.59	.049	8.1875E+04	1.68	.056
1.8562E+05	1.45	.049	1.1774E+05	1.60	.074	8.1274E+04	1.72	.050
1.8357E+05	1.51	.061	1.1670E+05	1.62	.054	8.0680E+04	1.72	.050
1.8156E+05	1.46	.046	1.1568E+05	1.60	.051	8.0092E+04	1.74	.050
1.7958E+05	1.45	.070	1.1467E+05	1.60	.051	7.9510E+04	1.76	.050
1.7763E+05	1.47	.046	1.1368E+05	1.56	.074	7.8935E+04	1.84	.062
1.7572E+05	1.48	.047	1.1269E+05	1.59	.048	7.8366E+04	1.90	.168
1.7383E+05	1.47	.050	1.1172E+05	1.61	.054	7.7803E+04	1.70	.080
1.7198E+05	1.46	.072	1.1077E+05	1.62	.048	7.7246E+04	1.63	.099
1.7015E+05	1.49	.052	1.0982E+05	1.62	.048	7.6695E+04	1.63	.109
1.6836E+05	1.50	.050	1.0889E+05	1.64	.049	7.6150E+04	1.72	.053
1.6659E+05	1.54	.067	1.0797E+05	1.61	.071	7.5611E+04	1.67	.068
1.6485E+05	1.49	.055	1.0706E+05	1.63	.048	7.5077E+04	1.72	.052
1.6314E+05	1.52	.047	1.0616E+05	1.63	.049	7.4549E+04	1.76	.057
1.6145E+05	1.52	.048	1.0527E+05	1.61	.071	7.4027E+04	1.75	.049
1.5979E+05	1.52	.048	1.0440E+05	1.64	.048	7.3510E+04	1.76	.050
1.5815E+05	1.50	.047	1.0353E+05	1.64	.048	7.2998E+04	1.77	.064
1.5654E+05	1.51	.063	1.0268E+05	1.66	.048	7.2492E+04	1.75	.056
1.5496E+05	1.44	.054	1.0184E+05	1.65	.049	7.1991E+04	1.79	.050
1.5340E+05	1.52	.047	1.0100E+05	1.63	.072	7.1495E+04	1.90	.063
1.5186E+05	1.54	.047	1.0018E+05	1.66	.050	7.1004E+04	1.79	.052
1.5034E+05	1.52	.051	9.9367E+04	1.65	.048	7.0519E+04	1.78	.058
1.4885E+05	1.48	.073	9.8564E+04	1.66	.048	7.0038E+04	1.75	.057
1.4738E+05	1.52	.055	9.7771E+04	1.67	.049	6.9562E+04	1.79	.082
1.4593E+05	1.53	.115	9.6987E+04	1.66	.048	6.9091E+04	1.78	.081
1.4451E+05	1.59	.141	9.6212E+04	1.67	.048	6.8625E+04	1.78	.082
1.4310E+05	1.64	.121	9.5447E+04	1.67	.048	6.8164E+04	1.87	.121
1.4171E+05	1.53	.052	9.4691E+04	1.67	.062	6.7707E+04	1.83	.076
1.4035E+05	1.56	.048	9.3943E+04	1.70	.050	6.7254E+04	1.90	.060
1.3900E+05	1.55	.053	9.3205E+04	1.68	.055	6.6807E+04	1.81	.073
1.3767E+05	1.56	.090	9.2475E+04	1.70	.050	6.6363E+04	1.83	.052
1.3636E+05	1.55	.047	9.1754E+04	1.78	.081	6.5924E+04	1.79	.074
1.3508E+05	1.55	.050	9.1041E+04	1.69	.051	6.5490E+04	1.83	.060
1.3380E+05	1.53	.076	9.0337E+04	1.69	.054	6.5060E+04	1.85	.071
1.3255E+05	1.56	.047	8.9640E+04	1.56	.064	6.4634E+04	1.85	.060
1.3131E+05	1.59	.063	8.8952E+04	1.68	.050	6.4212E+04	1.67	.085
1.3009E+05	1.56	.053	8.8271E+04	1.68	.050	9.9367E+03	3.43	.361
1.2889E+05	1.58	.047	8.7599E+04	1.69	.050	9.8102E+03	3.32	.359
1.2771E+05	1.57	.047	8.6933E+04	1.73	.052	9.6861E+03	3.18	.357
1.2654E+05	1.57	.048	8.6276E+04	1.68	.050	9.5643E+03	3.37	.353
1.2539E+05	1.61	.048	8.5626E+04	1.69	.065	9.4449E+03	3.46	.350
1.2425E+05	1.58	.049	8.4983E+04	1.66	.056	9.3276E+03	3.35	.348

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
9.2125E+03	3.50	.345	5.5818E+03	4.15	.237	3.7402E+03	4.71	.150
9.0595E+03	3.38	.342	5.5284E+03	4.24	.235	3.7108E+03	4.60	.149
8.9886E+03	3.15	.339	5.4758E+03	4.11	.231	3.6818E+03	4.45	.147
8.8797E+03	3.21	.338	5.4239E+03	4.13	.229	3.6532E+03	4.35	.146
8.7728E+03	3.52	.371	5.3727E+03	4.23	.251	3.6249E+03	4.63	.144
8.6678E+03	3.45	.371	5.3223E+03	4.20	.225	3.5969E+03	4.96	.142
8.5647E+03	3.43	.329	5.2726E+03	3.99	.223	3.5692E+03	4.97	.141
8.4633E+03	3.36	.362	5.2235E+03	3.80	.221	3.5419E+03	4.61	.141
8.3638E+03	3.10	.324	5.1752E+03	3.79	.219	3.5148E+03	5.11	.139
8.2660E+03	2.93	.322	5.1275E+03	3.97	.217	3.4881E+03	5.04	.138
8.1700E+03	3.04	.318	5.0805E+03	4.18	.215	3.4617E+03	4.54	.135
8.0756E+03	3.19	.351	5.0341E+03	4.22	.213	3.4356E+03	4.60	.145
7.9828E+03	3.19	.313	4.9883E+03	3.88	.212	3.4097E+03	5.14	.135
7.8916E+03	3.18	.311	4.9432E+03	3.86	.213	3.3842E+03	4.15	.177
7.8020E+03	3.15	.309	4.8987E+03	4.33	.207	3.3589E+03	3.88	.146
7.7139E+03	3.07	.306	4.8547E+03	4.02	.206	3.3340E+03	4.56	.136
7.6272E+03	3.05	.304	4.8114E+03	3.74	.204	3.3093E+03	5.93	.127
7.5420E+03	3.26	.301	4.7687E+03	3.83	.201	3.2849E+03	5.98	.124
7.4583E+03	3.59	.299	4.7265E+03	3.88	.200	3.2607E+03	5.28	.123
7.3759E+03	3.53	.296	4.6848E+03	4.17	.198	3.2368E+03	5.34	.121
7.2949E+03	3.29	.294	4.6437E+03	4.26	.196	3.2132E+03	4.88	.121
7.2152E+03	3.29	.292	4.6032E+03	4.45	.194	3.1898E+03	4.55	.118
7.1368E+03	3.61	.290	4.5632E+03	4.19	.192	3.1667E+03	4.40	.129
7.0597E+03	3.95	.287	4.5237E+03	4.44	.191	3.1439E+03	4.88	.116
6.9838E+03	3.94	.284	4.4847E+03	4.78	.188	3.1212E+03	4.81	.115
6.9091E+03	3.65	.282	4.4462E+03	4.71	.186	3.0989E+03	4.93	.113
6.8356E+03	3.42	.280	4.4082E+03	4.43	.185	3.0767E+03	5.39	.111
6.7633E+03	3.38	.277	4.3707E+03	4.63	.183	3.0548E+03	5.13	.110
6.6922E+03	3.38	.275	4.3337E+03	4.57	.181	3.0332E+03	5.61	.096
6.6221E+03	3.51	.274	4.2971E+03	5.06	.180	3.0117E+03	5.63	.109
6.5532E+03	3.41	.271	4.2610E+03	5.43	.178	2.9905E+03	4.77	.123
6.4853E+03	3.39	.268	4.2253E+03	5.09	.176	2.9695E+03	4.55	.133
6.4185E+03	3.54	.265	4.1901E+03	4.76	.174	2.9488E+03	5.57	.115
6.3526E+03	3.44	.264	4.1554E+03	4.33	.191	2.9282E+03	5.35	.148
6.2878E+03	3.43	.261	4.1210E+03	4.29	.187	2.9079E+03	5.07	.109
6.2240E+03	3.40	.259	4.0871E+03	4.29	.169	2.8878E+03	5.49	.104
6.1612E+03	3.31	.258	4.0536E+03	4.34	.185	2.8678E+03	5.48	.107
6.0993E+03	3.47	.255	4.0205E+03	4.50	.166	2.8481E+03	5.00	.135
6.0383E+03	3.54	.252	3.9879E+03	5.10	.182	2.8286E+03	4.96	.105
5.9782E+03	3.64	.250	3.9556E+03	4.98	.163	2.8093E+03	5.33	.105
5.9191E+03	3.89	.249	3.9237E+03	4.36	.162	2.7902E+03	5.86	.103
5.8608E+03	4.13	.274	3.8922E+03	4.21	.159	2.7713E+03	6.00	.103
5.8033E+03	4.20	.244	3.8610E+03	4.65	.157	2.7526E+03	5.89	.103
5.7467E+03	3.70	.245	3.8303E+03	4.82	.155	2.7340E+03	5.14	.158
5.6910E+03	3.55	.241	3.7999E+03	4.99	.154	2.7157E+03	4.31	.186
5.6360E+03	3.81	.239	3.7698E+03	5.04	.152	2.6975E+03	4.00	.105

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.6795E+03	4.46	.105	2.0135E+03	5.27	.096	1.5680E+03	7.62	.094
2.6617E+03	4.46	.103	2.0019E+03	6.02	.081	1.5600E+03	6.72	.081
2.6441E+03	4.87	.101	1.9903E+03	6.58	.086	1.5521E+03	6.97	.073
2.6266E+03	5.51	.102	1.9789E+03	7.43	.082	1.5443E+03	7.30	.072
2.6094E+03	5.69	.109	1.9676E+03	7.27	.075	1.5365E+03	7.15	.074
2.5922E+03	5.87	.107	1.9564E+03	7.02	.079	1.5287E+03	6.56	.079
2.5753E+03	6.79	.102	1.9453E+03	7.41	.071	1.5210E+03	6.06	.088
2.5585E+03	6.66	.100	1.9343E+03	7.61	.074	1.5134E+03	6.35	.087
2.5419E+03	6.00	.102	1.9233E+03	7.93	.071	1.5058E+03	6.49	.077
2.5255E+03	5.31	.100	1.9125E+03	6.86	.075	1.4983E+03	5.60	.169
2.5092E+03	5.36	.100	1.9018E+03	6.14	.071	1.4909E+03	4.41	.110
2.4930E+03	5.57	.099	1.8911E+03	5.96	.071	1.4835E+03	4.45	.080
2.4770E+03	5.74	.103	1.8805E+03	5.86	.071	1.4761E+03	5.09	.096
2.4612E+03	6.42	.101	1.8701E+03	6.17	.081	1.4688E+03	6.60	.074
2.4455E+03	6.76	.098	1.8597E+03	6.74	.081	1.4616E+03	7.98	.088
2.4300E+03	6.29	.099	1.8494E+03	6.99	.072	1.4544E+03	9.34	.072
2.4146E+03	5.72	.137	1.8391E+03	6.71	.076	1.4473E+03	9.78	.087
2.3994E+03	4.74	.213	1.8290E+03	6.64	.070	1.4402E+03	10.05	.086
2.3843E+03	4.05	.170	1.8190E+03	6.45	.080	1.4332E+03	10.47	.069
2.3694E+03	6.37	.133	1.8090E+03	6.23	.073	1.4262E+03	10.15	.085
2.3545E+03	7.27	.098	1.7991E+03	6.49	.072	1.4193E+03	8.79	.127
2.3399E+03	7.28	.099	1.7893E+03	7.09	.078	1.4124E+03	7.76	.074
2.3253E+03	5.62	.103	1.7796E+03	7.29	.072	1.4056E+03	7.39	.066
2.3109E+03	5.14	.106	1.7699E+03	6.77	.078	1.3988E+03	8.19	.084
2.2967E+03	5.42	.100	1.7603E+03	6.35	.069	1.3921E+03	9.65	.102
2.2825E+03	5.53	.098	1.7509E+03	6.36	.070	1.3854E+03	9.71	.136
2.2685E+03	5.59	.096	1.7414E+03	6.50	.069	1.3787E+03	7.80	.095
2.2546E+03	5.42	.106	1.7321E+03	6.48	.069	1.3722E+03	8.11	.069
2.2409E+03	5.45	.101	1.7228E+03	6.04	.083	1.3656E+03	8.86	.103
2.2273E+03	5.90	.099	1.7137E+03	6.06	.086	1.3591E+03	10.04	.075
2.2138E+03	6.20	.132	1.7045E+03	6.42	.079	1.3527E+03	10.43	.071
2.2004E+03	5.77	.099	1.6955E+03	7.09	.084	1.3463E+03	10.37	.096
2.1871E+03	5.50	.095	1.6865E+03	7.87	.078	1.3399E+03	9.32	.083
2.1740E+03	5.17	.102	1.6776E+03	7.80	.073	1.3336E+03	8.88	.073
2.1610E+03	5.79	.095	1.6688E+03	7.90	.083	1.3274E+03	8.73	.098
2.1481E+03	6.56	.095	1.6600E+03	7.84	.078	1.3212E+03	8.30	.169
2.1353E+03	6.61	.094	1.6513E+03	7.94	.083	1.3150E+03	7.75	.072
2.1226E+03	5.88	.103	1.6427E+03	7.55	.071	1.3088E+03	8.68	.070
2.1101E+03	5.35	.133	1.6341E+03	7.33	.068	1.3028E+03	9.93	.090
2.0976E+03	6.07	.094	1.6257E+03	6.88	.093	1.2967E+03	8.94	.173
2.0853E+03	6.18	.093	1.6172E+03	6.61	.082	1.2907E+03	8.01	.107
2.0730E+03	6.25	.094	1.6089E+03	6.77	.078	1.2847E+03	7.96	.070
2.0609E+03	6.51	.093	1.6006E+03	7.36	.079	1.2788E+03	9.02	.085
2.0489E+03	5.91	.140	1.5923E+03	7.50	.080	1.2729E+03	9.70	.115
2.0370E+03	4.85	.214	1.5842E+03	7.24	.070	1.2671E+03	7.36	.073
2.0252E+03	4.25	.115	1.5761E+03	7.84	.077	1.2613E+03	7.25	.069

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.2555E+03	7.30	.065	1.0279E+03	6.50	.063	8.5699E+02	7.00	.133
1.2498E+03	7.38	.063	1.0237E+03	6.55	.063	8.5376E+02	6.64	.C73
1.2441E+03	7.54	.068	1.0195E+03	6.78	.060	8.5055E+02	8.72	.238
1.2385E+03	7.73	.070	1.0153E+03	6.84	.067	8.4735E+02	10.88	.C79
1.2329E+03	7.95	.063	1.0111E+03	7.78	.070	8.4418E+02	11.12	.101
1.2273E+03	7.85	.068	1.0070E+03	8.88	.067	8.4102E+02	9.98	.C87
1.2218E+03	8.35	.071	1.0028E+03	9.74	.085	8.3788E+02	9.29	.120
1.2163E+03	8.71	.115	9.9877E+02	6.74	.233	8.3476E+02	7.39	.262
1.2108E+03	9.71	.069	9.9470E+02	6.07	.124	8.3165E+02	4.55	.C94
1.2C54E+03	9.71	.086	9.9067E+02	6.74	.079	8.2857E+02	4.76	.C65
1.2C0CE+03	9.18	.073	9.8665E+02	8.44	.079	8.2550E+02	5.25	.C69
1.1947E+03	8.97	.076	9.8267E+02	8.96	.064	8.2244E+02	7.14	.106
1.1894E+03	8.54	.066	9.7870E+02	9.32	.084	8.1941E+02	8.78	.C64
1.1841E+03	8.98	.093	9.7476E+02	7.23	.191	8.1639E+02	9.03	.C63
1.1788E+03	11.23	.181	9.7084E+02	5.74	.100	8.1338E+02	8.98	.C64
1.1736E+03	14.69	.121	9.6695E+02	5.69	.066	8.1040E+02	9.61	.C67
1.1685E+03	17.96	.083	9.6308E+02	6.38	.102	8.0743E+02	10.82	.C64
1.1633E+03	18.44	.082	9.5924E+02	7.08	.072	8.0447E+02	12.72	.C68
1.1582E+03	9.55	.149	9.5541E+02	8.22	.098	8.0153E+02	13.35	.C92
1.1532E+03	9.19	.100	9.5161E+02	9.01	.075	7.9861E+02	13.57	.C63
1.1481E+03	10.43	.068	9.4783E+02	9.64	.063	7.9571E+02	12.91	.C85
1.1431E+03	11.44	.062	9.4408E+02	9.86	.065	7.9282E+02	11.63	.C69
1.1381E+03	11.68	.067	9.4034E+02	6.96	.249	7.8994E+02	11.67	.C68
1.1332E+03	11.13	.128	9.3663E+02	7.04	.067	7.8708E+02	13.86	.C74
1.1283E+03	8.30	.157	9.3294E+02	7.25	.070	7.8424E+02	14.26	.C63
1.1234E+03	7.67	.085	9.2928E+02	8.69	.165	7.8141E+02	18.75	.C77
1.1186E+03	6.78	.122	9.2563E+02	12.46	.090	7.7860E+02	19.39	.118
1.1138E+03	7.21	.079	9.2200E+02	11.98	.099	7.7580E+02	11.55	.112
1.1C90E+03	8.10	.083	9.1840E+02	10.86	.071	7.7302E+02	11.57	.C82
1.1C42E+03	9.7C	.067	9.1482E+02	9.23	.093	7.7025E+02	11.30	.C69
1.C995E+03	10.37	.078	9.1126E+02	9.01	.065	7.6750E+02	13.13	.C73
1.C948E+03	10.32	.081	9.0772E+02	9.37	.061	7.6476E+02	13.52	.C64
1.0902E+03	10.25	.062	9.0420E+02	10.33	.060	7.6204E+02	14.64	.C69
1.C855E+03	11.13	.066	9.0070E+02	11.82	.070	7.5933E+02	15.40	.136
1.0809E+03	13.14	.140	8.9722E+02	13.51	.074	7.5664E+02	13.38	.159
1.C763E+03	11.94	.214	8.9376E+02	7.28	.351	7.5396E+02	11.09	.142
1.C718E+03	9.28	.103	8.9032E+02	8.89	.066	7.5129E+02	10.52	.C97
1.C673E+03	8.74	.099	8.8690E+02	9.40	.069	7.4864E+02	11.02	.C64
1.C628E+03	8.78	.066	8.8350E+02	9.72	.082	7.4600E+02	11.06	.119
1.C583E+03	9.19	.080	8.8012E+02	10.03	.132	7.4338E+02	10.19	.C83
1.C539E+03	9.49	.129	8.7676E+02	8.47	.127	7.4077E+02	9.96	.C70
1.C495E+03	9.21	.109	8.7342E+02	8.05	.069	7.3817E+02	10.45	.C63
1.C451E+03	7.87	.152	8.7009E+02	10.87	.083	7.3559E+02	13.25	.268
1.C408E+03	6.17	.117	8.6679E+02	12.87	.067	7.3302E+02	15.75	.1C9
1.C365E+03	5.95	.087	8.6350E+02	14.21	.091	7.3046E+02	17.77	.130
1.0322E+03	5.84	.080	8.6024E+02	12.50	.316	7.2792E+02	11.86	.170

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
7.2539E+02	12.85	.075	6.2192E+02	7.67	.198	5.3910E+02	16.50	.C63
7.2288E+02	12.72	.064	6.1992E+02	10.87	.074	5.3748E+02	16.19	.135
7.2037E+02	13.21	.068	6.1793E+02	11.18	.062	5.3588E+02	14.53	.C94
7.1788E+02	13.36	.073	6.1596E+02	11.24	.083	5.3428E+02	13.77	.116
7.1541E+02	11.61	.190	6.1399E+02	11.66	.060	5.3269E+02	13.91	.C84
7.1294E+02	12.0C	.077	6.1203E+02	16.85	.075	5.3110E+02	18.03	.C61
7.1C49E+02	11.75	.089	6.1008E+02	17.97	.099	5.2953E+02	18.79	.C55
7.C8C5E+02	10.15	.226	6.0813E+02	13.77	.175	5.2796E+02	18.89	.110
7.C562E+02	1C.69	.091	6.0620E+02	16.61	.077	5.2639E+02	14.56	.151
7.C321E+02	11.52	.064	6.0428E+02	19.14	.072	5.2484E+02	12.57	.1C8
7.CC81E+02	12.06	.064	6.0237E+02	17.73	.096	5.2329E+02	12.77	.148
6.9842E+02	11.73	.082	6.0046E+02	16.91	.065	5.2174E+02	13.32	.129
6.96C4E+02	12.24	.072	5.9856E+02	15.54	.102	5.2021E+02	17.01	.C76
6.9368E+02	15.87	.065	5.9668E+02	15.01	.086	5.1868E+02	16.08	.2C4
6.9132E+02	15.58	.064	5.9480E+02	15.88	.055	5.1716E+02	9.08	.1C9
6.8898E+02	13.48	.136	5.9293E+02	17.32	.069	5.1564E+02	1C.62	.C77
6.8665E+02	9.52	.087	5.9107E+02	23.51	.068	5.1413E+02	25.41	.195
6.8434E+02	12.40	.105	5.8922E+02	21.90	.157	5.1263E+02	32.06	.C63
6.82C3E+02	17.61	.070	5.8738E+02	18.50	.068	5.1113E+02	33.68	.C62
6.7974E+02	22.19	.069	5.8554E+02	18.27	.117	5.0964E+02	25.35	.C65
6.7745E+02	25.13	.062	5.8372E+02	16.08	.215	5.0816E+02	22.74	.C68
6.7518E+02	21.99	.083	5.8190E+02	9.95	.115	5.0668E+02	20.66	.C70
6.7292E+02	19.64	.130	5.8009E+02	12.57	.094	5.0522E+02	20.07	.C62
6.7C67E+02	13.18	.243	5.7829E+02	18.89	.071	5.0375E+02	22.60	.C61
6.6844E+02	14.74	.079	5.7650E+02	19.95	.056	5.0230E+02	25.07	.C54
6.6621E+02	16.16	.059	5.7472E+02	21.81	.059	5.0084E+02	26.66	.C56
6.64CCE+02	15.35	.101	5.7294E+02	27.06	.073	4.9940E+02	24.53	.C78
6.6179E+02	12.5C	.167	5.7117E+02	27.87	.102	4.9796E+02	20.09	.C66
6.5960E+02	12.83	.081	5.6942E+02	17.84	.229	4.9653E+02	20.62	.C70
6.5742E+02	11.73	.151	5.6767E+02	14.73	.118	4.9510E+02	18.02	.13C
6.5525E+02	8.84	.103	5.6592E+02	14.60	.081	4.9368E+02	13.89	.C87
6.5309E+02	7.92	.143	5.6419E+02	13.77	.066	4.9227E+02	14.38	.C91
6.5C94E+02	5.57	.121	5.6246E+02	13.54	.058	4.9086E+02	17.63	.C66
6.488CE+02	7.52	.124	5.6074E+02	14.19	.060	4.8946E+02	17.30	.C75
6.4667E+02	9.61	.058	5.5903E+02	18.06	.074	4.8806E+02	16.04	.C67
6.4455E+02	9.53	.094	5.5733E+02	20.22	.063	4.8667E+02	14.08	.C85
6.4244E+02	9.41	.063	5.5563E+02	17.73	.196	4.8529E+02	13.37	.C63
6.4C35E+02	9.48	.077	5.5394E+02	9.46	.104	4.8391E+02	13.25	.C62
6.3826E+02	9.77	.064	5.5226E+02	10.21	.090	4.8254E+02	20.80	.1C9
6.3618E+02	10.08	.075	5.5059E+02	9.56	.143	4.8117E+02	23.33	.C59
6.3411E+02	11.38	.075	5.4893E+02	8.26	.082	4.7981E+02	25.16	.C57
6.32C6E+02	13.14	.065	5.4727E+02	12.84	.085	4.7846E+02	18.43	.1C0
6.3CC1E+02	13.96	.058	5.4562E+02	16.56	.087	4.7711E+02	15.51	.C65
6.2797E+02	13.5C	.072	5.4398E+02	20.68	.064	4.7577E+02	10.41	.C75
6.2594E+02	12.17	.125	5.4234E+02	20.91	.130	4.7443E+02	9.04	.C61
6.2393E+02	5.12	.264	5.4072E+02	14.72	.111	4.7310E+02	11.70	.C99

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
4.7177E+02	15.61	.058	4.1631E+02	18.07	.064	3.7007E+02	11.68	.C54
4.7C45E+02	16.43	.059	4.1521E+02	18.00	.066	3.6915E+C2	10.93	.C68
4.6913E+02	16.52	.057	4.1412E+02	15.73	.121	3.6824E+C2	10.06	.C99
4.6783E+02	13.97	.084	4.1303E+02	11.80	.066	3.6733E+02	8.04	.C95
4.6652E+02	13.3C	.057	4.1195E+02	9.04	.093	3.6642E+02	11.41	.C9C
4.6522E+02	14.39	.155	4.1087E+02	7.37	.059	3.6551E+02	12.71	.C55
4.6393E+02	24.09	.073	4.0980E+02	7.41	.085	3.6461E+02	13.59	.C50
4.6264E+02	25.55	.061	4.0873E+02	10.13	.050	3.6371E+02	13.88	.C50
4.6136E+02	23.94	.101	4.0766E+02	10.31	.053	3.6282E+02	13.91	.C55
4.6CC8E+02	19.79	.061	4.0660E+02	12.23	.071	3.6193E+02	14.69	.C50
4.5881E+02	18.51	.062	4.0555E+02	14.98	.056	3.6104E+02	15.15	.C49
4.5754E+02	13.47	.081	4.0449E+02	14.98	.077	3.6016E+02	15.20	.C51
4.5628E+02	1C.44	.143	4.0344E+02	14.24	.071	3.5927E+02	14.26	.C83
4.55C2E+02	11.89	.064	4.0240E+02	13.46	.078	3.5840E+02	12.26	.1C1
4.5377E+02	12.65	.068	4.0136E+02	11.09	.090	3.5752E+02	11.73	.C66
4.5252E+02	1C.97	.065	4.0032E+02	10.42	.077	3.5665E+02	12.90	.C71
4.5128E+02	12.13	.058	3.9929E+02	9.65	.087	3.5578E+02	14.80	.C54
4.5005E+02	13.32	.054	3.9826E+02	9.43	.086	3.5492E+02	15.47	.C52
4.4882E+02	12.89	.078	3.9723E+02	13.19	.058	3.5405E+02	15.37	.C49
4.4759E+02	11.14	.121	3.9621E+02	13.60	.058	3.5319E+02	15.23	.C56
4.4637E+02	8.49	.085	3.9520E+02	12.93	.075	3.5234E+02	15.38	.C52
4.4516E+02	7.11	.138	3.9418E+02	12.82	.052	3.5148E+02	15.42	.C53
4.4394E+02	7.73	.064	3.9317E+02	13.82	.060	3.5063E+02	14.68	.C64
4.4274E+02	13.52	.094	3.9217E+02	13.96	.133	3.4979E+02	13.76	.C62
4.4154E+02	20.32	.097	3.9117E+02	12.40	.122	3.4894E+02	12.99	.C63
4.4C34E+02	24.62	.057	3.9017E+02	10.82	.069	3.4810E+02	14.45	.C87
4.3915E+02	22.8C	.090	3.8918E+02	10.51	.137	3.4726E+02	18.22	.C79
4.3796E+02	20.94	.065	3.8819E+02	14.05	.079	3.4643E+02	18.51	.C53
4.3678E+02	13.27	.127	3.8720E+02	14.46	.059	3.4560E+02	17.43	.C64
4.3561E+02	16.67	.077	3.8622E+02	13.62	.069	3.4477E+C2	17.57	.C57
4.3443E+02	23.42	.064	3.8524E+02	12.49	.107	3.4394E+02	18.96	.C52
4.3327E+02	23.37	.057	3.8426E+02	12.37	.062	3.4312E+02	21.09	.C53
4.321CE+02	22.74	.054	3.8329E+02	12.91	.053	3.4230E+02	22.09	.C60
4.3C95E+02	22.35	.066	3.8232E+02	14.25	.056	3.4148E+02	21.94	.C62
4.2979E+02	20.07	.088	3.8136E+02	16.54	.091	3.4067E+02	27.61	.C66
4.2864E+02	19.32	.077	3.8040E+02	21.38	.058	3.3986E+02	29.43	.C49
4.2750E+02	18.87	.064	3.7944E+02	21.05	.059	3.3905E+02	30.13	.C49
4.2636E+02	20.73	.051	3.7849E+02	20.39	.051	3.3825E+02	29.55	.C73
4.2523E+02	21.36	.055	3.7754E+02	19.04	.115	3.3744E+02	19.59	.C76
4.24C9E+02	23.74	.055	3.7659E+02	12.74	.096	3.3664E+02	19.09	.C90
4.2297E+02	22.67	.089	3.7565E+02	9.56	.181	3.3585E+02	18.88	.C58
4.2185E+02	17.89	.064	3.7471E+02	7.59	.081	3.3505E+02	18.72	.C53
4.2C73E+02	16.92	.068	3.7378E+02	7.98	.050	3.3426E+02	19.43	.C49
4.1962E+02	17.43	.056	3.7284E+02	8.13	.053	3.3347E+02	21.32	.C62
4.1851E+02	21.89	.050	3.7192E+02	9.97	.060	3.3269E+02	23.87	.C50
4.1741E+02	20.06	.095	3.7099E+02	11.60	.053	3.3191E+02	21.88	.C82

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
3.3113E+02	19.18	.096	2.9802E+02	14.73	.055	2.6963E+02	37.77	.C51
3.3035E+02	15.37	.108	2.9735E+02	15.70	.070	2.6906E+02	38.46	.C51
3.2957E+02	15.22	.079	2.9669E+02	12.67	.117	2.6849E+02	37.34	.C75
3.2880E+02	14.72	.076	2.9603E+02	12.39	.078	2.6792E+02	34.28	.1C4
3.2803E+02	13.87	.055	2.9537E+02	12.84	.054	2.6736E+02	32.24	.C70
3.2727E+02	14.02	.050	2.9472E+02	12.36	.059	2.6679E+02	32.75	.C55
3.2650E+02	16.04	.056	2.9407E+02	10.18	.173	2.6623E+02	33.33	.C48
3.2574E+02	17.35	.057	2.9342E+02	6.39	.149	2.6567E+02	33.90	.C49
3.2498E+02	26.09	.068	2.9277E+02	7.16	.072	2.6511E+02	34.35	.C61
3.2423E+02	30.43	.056	2.9212E+02	7.48	.057	2.6455E+02	32.62	.C69
3.2347E+02	33.44	.049	2.9148E+02	8.47	.128	2.6400E+02	13.75	.162
3.2272E+02	33.55	.055	2.9083E+02	13.86	.090	2.6344E+02	12.94	.163
3.2198E+02	30.65	.061	2.9019E+02	20.21	.086	2.6289E+02	14.73	.C71
3.2123E+02	21.44	.086	2.8956E+02	28.64	.053	2.6234E+02	17.36	.196
3.2049E+02	15.74	.061	2.8892E+02	30.89	.050	2.6179E+02	40.80	.C64
3.1975E+02	13.69	.056	2.8829E+02	31.90	.058	2.6125E+02	51.81	.144
3.1901E+02	13.18	.076	2.8766E+02	27.28	.185	2.6070E+02	65.98	.C55
3.1827E+02	13.01	.058	2.8703E+02	18.47	.074	2.6016E+02	65.16	.C62
3.1754E+02	12.56	.052	2.8640E+02	18.96	.079	2.5962E+02	53.19	.183
3.1681E+02	12.46	.088	2.8577E+02	17.59	.131	2.5908E+02	32.09	.236
3.1608E+02	19.13	.066	2.8515E+02	12.18	.123	2.5854E+02	28.68	.247
3.1536E+02	21.32	.050	2.8453E+02	11.88	.057	2.5800E+02	15.91	.230
3.1464E+02	22.80	.049	2.8391E+02	10.16	.120	2.5747E+02	13.43	.169
3.1392E+02	23.41	.052	2.8329E+02	4.99	.130	2.5693E+02	12.00	.111
3.1320E+02	21.42	.076	2.8268E+02	4.58	.105	2.5640E+02	13.10	.C55
3.1249E+02	16.71	.055	2.8206E+02	4.84	.060	2.5587E+02	14.84	.C77
3.1177E+02	15.81	.076	2.8145E+02	5.67	.113	2.5535E+02	19.30	.C54
3.1106E+02	12.60	.080	2.8084E+02	10.93	.109	2.5482E+02	19.80	.C61
3.1035E+02	9.87	.072	2.8024E+02	19.05	.075	2.5429E+02	19.26	.C69
3.0965E+02	7.60	.070	2.7963E+02	26.53	.058	2.5377E+02	19.64	.C53
3.0895E+02	7.50	.082	2.7903E+02	28.96	.056	2.5325E+02	27.95	.C62
3.0825E+02	8.20	.057	2.7842E+02	29.39	.056	2.5273E+02	32.70	.C50
3.0755E+02	8.52	.052	2.7783E+02	27.55	.063	2.5221E+02	34.65	.C53
3.0685E+02	8.57	.048	2.7723E+02	27.43	.052	2.5169E+02	34.54	.C63
3.0616E+02	9.48	.063	2.7663E+02	29.01	.056	2.5118E+02	25.50	.192
3.0547E+02	11.68	.052	2.7604E+02	35.79	.056	2.5066E+02	19.10	.124
3.0478E+02	12.82	.053	2.7545E+02	37.52	.049	2.5015E+02	14.33	.173
3.0409E+02	13.66	.050	2.7486E+02	25.57	.162	2.4964E+02	13.84	.111
3.0341E+02	13.59	.052	2.7427E+02	18.65	.087	2.4913E+02	15.40	.C60
3.0273E+02	12.24	.088	2.7368E+02	19.89	.067	2.4862E+02	17.96	.C71
3.0205E+02	11.56	.068	2.7310E+02	27.65	.075	2.4812E+02	25.60	.C55
3.0137E+02	11.15	.082	2.7251E+02	32.59	.057	2.4761E+02	26.10	.C58
3.0069E+02	8.05	.164	2.7193E+02	37.09	.053	2.4711E+02	25.70	.C71
3.0002E+02	8.69	.107	2.7136E+02	38.57	.076	2.4661E+02	24.59	.C73
2.9935E+02	10.55	.090	2.7078E+02	36.04	.073	2.4611E+02	22.14	.103
2.9868E+02	12.46	.052	2.7020E+02	35.90	.061	2.4561E+02	21.57	.C58

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.4511E+02	22.06	.050	2.2379E+02	39.00	.051	2.0513E+02	12.95	.140
2.4462E+02	21.24	.059	2.2336E+02	37.54	.085	2.0475E+02	11.79	.C84
2.4412E+02	19.84	.128	2.2293E+02	36.86	.051	2.0437E+02	8.61	.106
2.4363E+02	13.88	.119	2.2250E+02	36.57	.051	2.0400E+02	10.19	.C61
2.4314E+02	14.78	.073	2.2207E+02	36.08	.076	2.0362E+02	13.25	.C79
2.4265E+02	15.06	.054	2.2164E+02	35.74	.049	2.0325E+02	22.29	.C95
2.4216E+02	17.29	.064	2.2122E+02	37.19	.065	2.0287E+02	23.79	.C64
2.4168E+02	24.16	.078	2.2079E+02	46.56	.053	2.0250E+02	22.80	.C56
2.4119E+02	30.64	.069	2.2037E+02	52.90	.051	2.0213E+02	16.26	.109
2.4071E+02	40.51	.063	2.1995E+02	55.86	.052	2.0176E+02	13.93	.C88
2.4023E+02	45.00	.051	2.1952E+02	55.73	.049	2.0139E+02	15.08	.C62
2.3975E+02	44.98	.059	2.1910E+02	49.86	.082	2.0102E+02	15.40	.C54
2.3927E+02	32.29	.106	2.1869E+02	24.79	.127	2.0065E+02	16.66	.C63
2.3879E+02	29.83	.099	2.1827E+02	20.60	.128	2.0028E+02	22.52	.113
2.3831E+02	29.11	.105	2.1785E+02	16.57	.077	1.9991E+02	47.66	.100
2.3784E+02	25.90	.152	2.1744E+02	17.05	.083	1.9955E+02	53.95	.C55
2.3736E+02	20.82	.117	2.1702E+02	18.31	.048	1.9919E+02	50.78	.109
2.3689E+02	15.78	.239	2.1661E+02	20.68	.050	1.9882E+02	41.48	.106
2.3642E+02	10.04	.114	2.1620E+02	21.71	.059	1.9846E+02	42.87	.C63
2.3595E+02	10.01	.099	2.1579E+02	20.77	.111	1.9810E+02	43.81	.C55
2.3548E+02	8.27	.211	2.1538E+02	13.33	.127	1.9774E+02	44.41	.C56
2.3502E+02	6.50	.259	2.1497E+02	13.06	.080	1.9738E+02	40.36	.103
2.3455E+02	7.79	.088	2.1456E+02	13.42	.058	1.9702E+02	36.93	.C83
2.3409E+02	10.23	.067	2.1416E+02	15.20	.077	1.9666E+02	29.49	.105
2.3363E+02	12.51	.143	2.1375E+02	22.20	.071	1.9631E+02	19.25	.117
2.3317E+02	27.49	.058	2.1335E+02	32.11	.087	1.9595E+02	14.59	.107
2.3271E+02	32.08	.055	2.1295E+02	42.55	.066	1.9560E+02	12.64	.C97
2.3225E+02	35.58	.053	2.1255E+02	42.00	.076	1.9525E+02	9.91	.C91
2.3179E+02	37.70	.056	2.1215E+02	25.70	.146	1.9489E+02	7.56	.105
2.3134E+02	40.01	.053	2.1175E+02	22.13	.102	1.9454E+02	8.60	.C54
2.3088E+02	47.21	.055	2.1135E+02	20.40	.096	1.9419E+02	11.75	.C90
2.3043E+02	48.96	.073	2.1095E+02	21.33	.051	1.9384E+02	19.17	.C84
2.2998E+02	48.29	.062	2.1056E+02	21.12	.053	1.9349E+02	23.01	.C53
2.2953E+02	27.23	.242	2.1016E+02	19.73	.083	1.9315E+02	22.63	.C56
2.2908E+02	21.10	.062	2.0977E+02	17.78	.070	1.9280E+02	17.63	.134
2.2863E+02	22.29	.051	2.0938E+02	12.82	.117	1.9245E+02	19.85	.C66
2.2818E+02	21.75	.056	2.0898E+02	10.00	.101	1.9211E+02	26.58	.C66
2.2774E+02	20.31	.098	2.0860E+02	9.75	.058	1.9177E+02	43.18	.C53
2.2730E+02	18.48	.103	2.0821E+02	5.65	.184	1.9142E+02	42.40	.C99
2.2685E+02	19.30	.060	2.0782E+02	5.71	.077	1.9108E+02	39.04	.C96
2.2641E+02	22.09	.057	2.0743E+02	6.44	.094	1.9074E+02	20.91	.122
2.2597E+02	24.20	.053	2.0705E+02	12.14	.121	1.9040E+02	16.14	.123
2.2553E+02	24.65	.050	2.0666E+02	24.64	.082	1.9006E+02	13.94	.C59
2.2510E+02	25.30	.050	2.0628E+02	27.19	.050	1.8972E+02	14.51	.C88
2.2466E+02	28.59	.063	2.0589E+02	26.53	.064	1.8938E+02	22.58	.127
2.2423E+02	37.17	.054	2.0551E+02	17.15	.153	1.8905E+02	26.08	.C52

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.8871E+02	26.70	.049	1.7418E+02	38.21	.055	1.6127E+02	14.66	.118
1.8838E+02	22.56	.142	1.7389E+02	41.38	.049	1.6101E+02	15.35	.063
1.8804E+02	12.63	.149	1.7359E+02	41.69	.056	1.6074E+02	18.68	.087
1.8771E+02	8.89	.063	1.7330E+02	39.49	.084	1.6048E+02	24.87	.051
1.8738E+02	8.88	.086	1.7300E+02	30.74	.142	1.6022E+02	24.91	.074
1.8705E+02	8.88	.059	1.7271E+02	20.87	.063	1.5995E+02	20.16	.144
1.8672E+02	9.79	.055	1.7241E+02	15.50	.068	1.5969E+02	14.27	.105
1.8639E+02	10.80	.053	1.7212E+02	10.87	.069	1.5943E+02	14.47	.051
1.8606E+02	11.12	.052	1.7183E+02	9.96	.077	1.5917E+02	16.36	.060
1.8573E+02	10.69	.070	1.7154E+02	10.38	.064	1.5891E+02	21.26	.073
1.8540E+02	9.44	.102	1.7125E+02	11.92	.052	1.5865E+02	26.23	.055
1.8508E+02	7.50	.106	1.7096E+02	12.61	.052	1.5840E+02	27.95	.051
1.8475E+02	5.27	.080	1.7067E+02	11.51	.067	1.5814E+02	27.97	.052
1.8443E+02	3.92	.098	1.7038E+02	10.93	.062	1.5788E+02	26.65	.073
1.8410E+02	3.13	.108	1.7009E+02	11.26	.053	1.5762E+02	22.31	.138
1.8378E+02	2.97	.094	1.6981E+02	11.92	.051	1.5737E+02	12.77	.124
1.8346E+02	4.80	.054	1.6952E+02	12.52	.054	1.5711E+02	13.32	.062
1.8314E+02	5.63	.066	1.6924E+02	14.53	.123	1.5686E+02	14.19	.061
1.8282E+02	7.90	.094	1.6895E+02	22.18	.067	1.5660E+02	19.94	.096
1.8250E+02	9.66	.070	1.6867E+02	23.62	.050	1.5635E+02	30.56	.054
1.8218E+02	12.17	.089	1.6839E+02	24.26	.050	1.5610E+02	31.76	.056
1.8186E+02	20.59	.108	1.6810E+02	24.83	.061	1.5585E+02	31.32	.069
1.8155E+02	24.23	.048	1.6782E+02	32.29	.113	1.5560E+02	29.52	.064
1.8123E+02	24.98	.050	1.6754E+02	38.60	.054	1.5535E+02	27.41	.066
1.8091E+02	23.40	.073	1.6726E+02	39.13	.049	1.5510E+02	25.74	.056
1.8060E+02	23.51	.049	1.6698E+02	33.19	.105	1.5485E+02	24.69	.054
1.8029E+02	24.99	.054	1.6670E+02	25.14	.074	1.5460E+02	23.72	.054
1.7997E+02	29.86	.063	1.6642E+02	22.11	.078	1.5435E+02	22.32	.079
1.7966E+02	32.38	.048	1.6615E+02	23.42	.075	1.5410E+02	21.52	.063
1.7935E+02	30.34	.131	1.6587E+02	29.44	.075	1.5385E+02	13.67	.095
1.7904E+02	21.01	.182	1.6559E+02	31.61	.054	1.5361E+02	16.90	.058
1.7873E+02	18.77	.103	1.6532E+02	32.20	.056	1.5336E+02	20.03	.097
1.7842E+02	18.71	.056	1.6504E+02	31.73	.051	1.5311E+02	32.74	.074
1.7811E+02	20.66	.070	1.6477E+02	29.16	.079	1.5287E+02	38.38	.057
1.7781E+02	25.81	.079	1.6450E+02	13.41	.241	1.5263E+02	38.06	.053
1.7750E+02	28.59	.131	1.6423E+02	9.30	.154	1.5238E+02	32.47	.118
1.7720E+02	71.05	.062	1.6395E+02	11.18	.073	1.5214E+02	12.00	.272
1.7689E+02	76.48	.051	1.6368E+02	13.79	.137	1.5190E+02	7.10	.271
1.7659E+02	68.42	.139	1.6341E+02	30.22	.102	1.5165E+02	4.38	.094
1.7628E+02	59.82	.119	1.6314E+02	40.92	.052	1.5141E+02	4.79	.072
1.7598E+02	52.67	.090	1.6287E+02	42.43	.054	1.5117E+02	4.67	.050
1.7568E+02	44.05	.115	1.6260E+02	38.65	.076	1.5093E+02	4.55	.063
1.7538E+02	34.66	.104	1.6234E+02	28.09	.111	1.5069E+02	4.54	.053
1.7508E+02	26.41	.082	1.6207E+02	22.77	.111	1.5045E+02	4.66	.072
1.7478E+02	26.10	.053	1.6180E+02	20.92	.082	1.5022E+02	6.34	.120
1.7448E+02	29.26	.065	1.6154E+02	17.20	.136	1.4998E+02	11.27	.096

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.4974E+02	17.11	.108	1.3940E+02	15.91	.058	1.3010E+02	16.53	.181
1.4955E+02	23.21	.057	1.3919E+02	9.22	.221	1.2990E+02	10.58	.142
1.4927E+02	26.64	.054	1.3898E+02	8.81	.115	1.2971E+02	11.34	.061
1.4903E+02	31.37	.071	1.3877E+02	8.27	.096	1.2952E+02	13.16	.062
1.4888E+02	38.54	.052	1.3855E+02	7.87	.086	1.2933E+02	16.40	.055
1.4856E+02	42.29	.050	1.3834E+02	6.71	.182	1.2914E+02	17.64	.048
1.4833E+02	42.68	.054	1.3813E+02	2.50	.156	1.2895E+02	17.06	.071
1.4809E+02	38.54	.073	1.3792E+02	2.82	.115	1.2876E+02	13.29	.094
1.4786E+02	21.90	.242	1.3771E+02	2.85	.154	1.2857E+02	10.31	.070
1.4763E+02	10.80	.122	1.3750E+02	6.11	.077	1.2839E+02	8.61	.085
1.4740E+02	11.30	.065	1.3730E+02	13.56	.156	1.2820E+02	10.25	.066
1.4716E+02	13.97	.104	1.3709E+02	22.23	.051	1.2801E+02	15.38	.163
1.4694E+02	24.69	.051	1.3688E+02	23.76	.048	1.2782E+02	24.61	.078
1.4670E+02	26.02	.048	1.3667E+02	23.04	.062	1.2764E+02	26.72	.048
1.4648E+02	24.93	.098	1.3647E+02	13.12	.109	1.2745E+02	26.15	.052
1.4625E+02	14.28	.151	1.3626E+02	15.05	.059	1.2726E+02	23.79	.078
1.4602E+02	14.94	.081	1.3606E+02	16.44	.156	1.2708E+02	19.80	.093
1.4579E+02	15.10	.053	1.3585E+02	26.09	.054	1.2689E+02	16.83	.093
1.4556E+02	19.77	.112	1.3565E+02	30.29	.053	1.2671E+02	16.89	.061
1.4534E+02	43.02	.071	1.3544E+02	35.75	.071	1.2652E+02	21.83	.116
1.4511E+02	50.83	.050	1.3524E+02	49.36	.068	1.2634E+02	33.86	.106
1.4488E+02	51.02	.074	1.3503E+02	70.70	.077	1.2616E+02	54.79	.089
1.4466E+02	47.42	.057	1.3483E+02	84.78	.049	1.2597E+02	72.55	.062
1.4443E+02	22.72	.291	1.3463E+02	87.22	.067	1.2579E+02	78.54	.049
1.4421E+02	21.69	.206	1.3443E+02	79.81	.078	1.2561E+02	80.41	.050
1.4398E+02	13.80	.322	1.3423E+02	58.31	.139	1.2543E+02	77.64	.054
1.4376E+02	6.50	.169	1.3402E+02	30.49	.126	1.2524E+02	72.43	.073
1.4354E+02	5.18	.075	1.3382E+02	21.68	.121	1.2506E+02	52.55	.146
1.4331E+02	5.35	.065	1.3362E+02	22.22	.064	1.2488E+02	39.25	.090
1.4309E+02	5.80	.050	1.3342E+02	25.58	.059	1.2470E+02	37.07	.073
1.4287E+02	6.23	.057	1.3323E+02	47.46	.071	1.2452E+02	38.58	.049
1.4265E+02	7.93	.063	1.3303E+02	48.17	.054	1.2434E+02	38.51	.052
1.4243E+02	9.76	.099	1.3283E+02	46.62	.061	1.2416E+02	36.67	.084
1.4221E+02	15.03	.079	1.3263E+02	45.58	.054	1.2398E+02	23.11	.150
1.4199E+02	24.12	.127	1.3243E+02	46.06	.048	1.2380E+02	15.19	.178
1.4177E+02	41.38	.052	1.3223E+02	46.46	.050	1.2363E+02	12.45	.098
1.4156E+02	45.57	.049	1.3204E+02	45.59	.055	1.2345E+02	12.73	.068
1.4134E+02	45.91	.056	1.3184E+02	45.08	.052	1.2327E+02	12.92	.061
1.4112E+02	42.58	.072	1.3165E+02	44.94	.048	1.2309E+02	12.73	.066
1.4090E+02	25.53	.317	1.3145E+02	44.48	.059	1.2292E+02	11.27	.118
1.4069E+02	13.08	.143	1.3126E+02	45.64	.056	1.2274E+02	7.49	.104
1.4047E+02	11.79	.116	1.3106E+02	47.24	.048	1.2257E+02	6.15	.079
1.4026E+02	12.63	.064	1.3087E+02	47.63	.049	1.2239E+02	5.98	.054
1.4004E+02	13.93	.059	1.3068E+02	46.01	.052	1.2222E+02	7.48	.095
1.3983E+02	16.08	.049	1.3048E+02	42.99	.064	1.2204E+02	13.45	.239
1.3961E+02	16.59	.050	1.3029E+02	23.20	.110	1.2187E+02	41.95	.111

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.2169E+02	86.61	.056	1.1408E+02	4.83	.072	1.0715E+02	37.56	.C54
1.2152E+02	94.07	.049	1.1392E+02	4.85	.071	1.0701E+02	26.55	.2C6
1.2135E+02	89.58	.093	1.1376E+02	6.86	.149	1.0686E+02	13.94	.210
1.2117E+02	80.57	.085	1.1360E+02	13.12	.074	1.0672E+02	9.55	.C71
1.21CCE+02	48.88	.155	1.1345E+02	20.86	.078	1.0658E+02	9.85	.C57
1.2C83E+02	30.2C	.104	1.1329E+02	26.80	.059	1.0644E+02	10.26	.C52
1.2C66E+02	21.63	.118	1.1314E+02	28.78	.053	1.0630E+02	12.02	.C54
1.2C49E+02	16.06	.115	1.1298E+02	27.54	.073	1.0615E+02	15.05	.C68
1.2C31E+02	12.26	.058	1.1282E+02	14.19	.198	1.0601E+02	19.64	.C62
1.2C14E+02	11.44	.052	1.1267E+02	8.97	.139	1.0587E+02	23.96	.C56
1.1997E+02	11.27	.053	1.1251E+02	5.66	.149	1.0573E+02	25.75	.C60
1.1980E+02	11.64	.053	1.1236E+02	4.43	.142	1.0559E+02	25.60	.C68
1.1963E+02	12.02	.056	1.1221E+02	3.41	.070	1.0545E+02	25.38	.C51
1.1946E+02	12.87	.058	1.1205E+02	3.08	.073	1.0531E+02	27.75	.C59
1.193CE+02	14.53	.056	1.1190E+02	3.76	.058	1.0517E+02	38.06	.C81
1.1913E+02	15.83	.066	1.1175E+02	5.43	.123	1.0503E+02	53.49	.C62
1.1896E+02	19.31	.089	1.1159E+02	10.82	.115	1.0489E+02	57.38	.C56
1.1879E+02	24.67	.075	1.1144E+02	15.21	.052	1.0475E+02	57.81	.C59
1.1862E+02	34.62	.100	1.1129E+02	16.62	.050	1.0461E+02	49.46	.125
1.1846E+02	43.9C	.091	1.1114E+02	16.27	.066	1.0447E+02	28.81	.236
1.1829E+02	52.31	.052	1.1099E+02	10.90	.281	1.0434E+02	13.94	.3C7
1.1812E+02	55.99	.050	1.1083E+02	5.60	.137	1.0420E+02	10.03	.119
1.1796E+02	57.94	.049	1.1068E+02	4.35	.115	1.0406E+02	11.18	.C57
1.1779E+02	57.50	.059	1.1053E+02	4.63	.122	1.0392E+02	12.08	.C51
1.1763E+02	55.72	.067	1.1038E+02	5.11	.052	1.0379E+02	14.47	.C54
1.1746E+02	51.72	.112	1.1023E+02	6.79	.089	1.0365E+02	17.55	.C62
1.173CE+02	39.4C	.214	1.1008E+02	11.60	.125	1.0351E+02	22.60	.C83
1.1713E+02	22.62	.088	1.0993E+02	17.91	.059	1.0338E+02	32.27	.C63
1.1697E+02	16.59	.076	1.0978E+02	19.89	.052	1.0324E+02	36.84	.C48
1.168CE+02	12.76	.066	1.0964E+02	20.49	.078	1.0311E+02	39.19	.C48
1.1664E+02	11.73	.058	1.0949E+02	20.35	.072	1.0297E+02	39.73	.C51
1.1648E+02	11.69	.072	1.0934E+02	13.78	.242	1.0284E+02	47.56	.C61
1.1632E+02	13.59	.104	1.0919E+02	8.96	.123	1.0270E+02	56.82	.C52
1.1615E+02	22.48	.117	1.0904E+02	9.24	.063	1.0257E+02	58.92	.C68
1.1599E+02	35.51	.093	1.0890E+02	10.40	.054	1.0243E+02	58.21	.C63
1.1583E+02	47.82	.059	1.0875E+02	13.20	.056	1.0230E+02	35.34	.139
1.1567E+02	53.66	.057	1.0860E+02	15.81	.063	1.0216E+02	19.41	.169
1.1551E+02	55.40	.051	1.0846E+02	15.68	.060	1.0203E+02	8.73	.158
1.1535E+02	51.68	.063	1.0831E+02	13.19	.170	1.0190E+02	6.82	.C89
1.1519E+02	35.49	.081	1.0816E+02	7.09	.083	1.0176E+02	7.99	.C71
1.15C3E+02	22.48	.056	1.0802E+02	8.32	.079	1.0163E+02	8.64	.C54
1.1487E+02	17.98	.073	1.0787E+02	9.65	.085	1.0150E+02	9.24	.C72
1.1471E+02	13.61	.104	1.0773E+02	15.94	.081	1.0136E+02	9.21	.C56
1.1455E+02	10.79	.070	1.0758E+02	23.08	.089	1.0123E+02	5.91	.182
1.1439E+02	7.54	.063	1.0744E+02	35.63	.054	1.0110E+02	5.94	.117
1.1423E+02	5.74	.069	1.0730E+02	38.37	.052	1.0097E+02	7.59	.103

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.CC84E+02	11.68	.068	9.5067E+01	24.40	.067	8.9776E+01	27.38	.C67
1.CC71E+02	14.9C	.051	9.4947E+01	20.60	.071	8.9666E+01	27.16	.C54
1.CC58E+02	15.02	.073	9.4827E+01	16.25	.098	8.9556E+01	27.98	.C52
1.CC45E+02	13.18	.113	9.4707E+01	15.50	.070	8.9446E+01	27.54	.C63
1.C032E+02	13.04	.070	9.4588E+01	16.16	.067	8.9336E+01	25.95	.C91
1.CC19E+02	13.77	.054	9.4469E+01	16.61	.073	8.9227E+01	22.96	.116
1.CCC6E+02	14.15	.060	9.4350E+01	16.10	.081	8.9118E+01	23.05	.C63
9.9927E+01	14.39	.085	9.4232E+01	14.06	.092	8.9009E+01	24.91	.C74
9.9798E+01	12.56	.173	9.4113E+01	13.26	.106	8.8901E+01	40.21	.C95
9.9669E+01	9.1C	.118	9.3995E+01	19.94	.105	8.8792E+01	46.33	.C76
9.9540E+01	10.38	.070	9.3877E+01	25.37	.059	8.8684E+01	59.76	.C53
9.9412E+01	11.41	.055	9.3760E+01	25.78	.058	8.8576E+01	66.66	.C50
9.9283E+01	12.52	.057	9.3642E+01	23.20	.080	8.8468E+01	67.12	.C53
9.9155E+01	12.09	.083	9.3525E+01	12.44	.092	8.8360E+01	63.43	.C59
9.9C28E+01	10.45	.122	9.3408E+01	8.01	.105	8.8253E+01	58.45	.C72
9.89C0E+01	8.03	.211	9.3291E+01	5.73	.134	8.8145E+01	43.42	.C63
9.8773E+01	4.99	.058	9.3175E+01	6.89	.107	8.8038E+01	33.06	.C77
9.8646E+01	5.46	.070	9.3058E+01	9.89	.078	8.7931E+01	24.59	.C75
9.8519E+01	6.16	.068	9.2942E+01	11.28	.059	8.7825E+01	19.01	.C56
9.8392E+01	8.72	.120	9.2826E+01	12.44	.060	8.7718E+01	17.14	.C53
9.8266E+01	15.64	.112	9.2710E+01	14.31	.104	8.7612E+01	17.40	.C63
9.8140E+01	27.14	.098	9.2595E+01	23.19	.221	8.7506E+01	18.70	.C54
9.8C14E+01	49.84	.103	9.2479E+01	46.00	.095	8.7400E+01	19.46	.C50
9.7889E+01	59.62	.053	9.2364E+01	53.51	.055	8.7294E+01	19.18	.C56
9.7764E+01	61.95	.057	9.2249E+01	56.36	.056	8.7188E+01	17.82	.C59
9.7639E+01	58.38	.065	9.2135E+01	53.60	.090	8.7083E+01	16.66	.C60
9.7514E+01	46.78	.071	9.2020E+01	41.53	.151	8.6978E+01	15.44	.C54
9.7389E+01	23.22	.084	9.1906E+01	34.91	.085	8.6873E+01	16.49	.C54
9.7265E+01	12.85	.094	9.1792E+01	32.36	.070	8.6768E+01	17.12	.C53
9.7141E+01	7.67	.144	9.1678E+01	29.73	.071	8.6664E+01	17.74	.C51
9.7017E+01	5.24	.093	9.1565E+01	28.48	.073	8.6559E+01	17.49	.C50
9.6893E+01	4.81	.086	9.1451E+01	30.06	.075	8.6455E+01	15.72	.C91
9.677CE+01	5.30	.062	9.1338E+01	39.35	.098	8.6351E+01	8.13	.299
9.6647E+01	6.36	.063	9.1225E+01	57.53	.087	8.6247E+01	5.06	.C69
9.6524E+01	8.76	.097	9.1113E+01	68.38	.055	8.6143E+01	5.81	.108
9.6401E+01	13.98	.143	9.1000E+01	72.29	.051	8.6040E+01	5.90	.C53
9.6278E+01	18.75	.084	9.0888E+01	70.30	.072	8.5936E+01	6.95	.C59
9.6156E+01	21.08	.050	9.0776E+01	65.84	.095	8.5833E+01	8.36	.C64
9.6C34E+01	21.75	.051	9.0664E+01	48.30	.132	8.5731E+01	11.88	.111
9.5912E+01	21.58	.051	9.0552E+01	34.67	.147	8.5628E+01	16.36	.C75
9.5791E+01	21.01	.054	9.0440E+01	31.39	.060	8.5525E+01	21.30	.C64
9.567CE+01	21.73	.054	9.0329E+01	35.71	.072	8.5423E+01	25.62	.C54
9.5549E+01	22.72	.051	9.0218E+01	42.29	.057	8.5321E+01	28.71	.C50
9.5428E+01	24.72	.051	9.0107E+01	44.11	.053	8.5219E+01	33.27	.C53
9.5307E+01	25.96	.048	8.9996E+01	41.30	.080	8.5117E+01	38.40	.C55
9.5187E+01	25.75	.051	8.9886E+01	34.59	.132	8.5015E+01	44.12	.C51

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
8.4914E+01	48.50	.051	8.0436E+01	12.47	.074	7.6302E+01	4.01	.112
8.4812E+01	51.81	.054	8.0342E+01	19.01	.075	7.6216E+01	2.89	.076
8.4711E+01	50.64	.050	8.0249E+01	26.19	.055	7.6130E+01	2.66	.058
8.4610E+01	50.09	.062	8.0156E+01	30.29	.050	7.6044E+01	2.73	.060
8.4510E+01	54.05	.050	8.0063E+01	30.62	.070	7.5958E+01	3.37	.071
8.4409E+01	59.31	.056	7.9970E+01	29.63	.073	7.5872E+01	5.05	.085
8.4309E+01	70.67	.055	7.9878E+01	18.66	.144	7.5787E+01	8.56	.068
8.4209E+01	82.55	.050	7.9785E+01	17.18	.073	7.5701E+01	12.96	.092
8.4108E+01	93.76	.051	7.9693E+01	19.84	.057	7.5616E+01	24.85	.138
8.4009E+01	100.19	.049	7.9601E+01	22.89	.052	7.5531E+01	35.63	.136
8.3909E+01	100.78	.050	7.9509E+01	25.80	.050	7.5446E+01	50.36	.077
8.3809E+01	99.99	.054	7.9417E+01	27.46	.063	7.5361E+01	59.29	.060
8.3710E+01	94.84	.080	7.9326E+01	22.33	.165	7.5276E+01	61.55	.051
8.3611E+01	73.14	.153	7.9234E+01	19.45	.218	7.5192E+01	59.59	.060
8.3512E+01	57.52	.094	7.9143E+01	11.11	.141	7.5107E+01	57.61	.067
8.3413E+01	50.62	.115	7.9052E+01	8.26	.123	7.5023E+01	54.36	.073
8.3315E+01	44.47	.122	7.8961E+01	7.02	.062	7.4939E+01	46.60	.103
8.3216E+01	36.25	.108	7.8870E+01	7.00	.064	7.4855E+01	46.22	.074
8.3118E+01	25.88	.104	7.8779E+01	7.16	.050	7.4771E+01	45.41	.077
8.3020E+01	19.83	.091	7.8689E+01	7.35	.050	7.4687E+01	49.05	.052
8.2922E+01	20.67	.066	7.8598E+01	7.75	.059	7.4604E+01	56.08	.061
8.2824E+01	21.89	.052	7.8508E+01	8.57	.064	7.4520E+01	75.07	.105
8.2727E+01	25.58	.056	7.8418E+01	10.11	.060	7.4437E+01	99.40	.066
8.2629E+01	29.92	.051	7.8328E+01	12.72	.079	7.4354E+01	101.08	.049
8.2532E+01	30.98	.060	7.8238E+01	16.59	.064	7.4271E+01	94.89	.062
8.2435E+01	29.82	.088	7.8149E+01	22.21	.064	7.4188E+01	83.86	.077
8.2338E+01	27.35	.133	7.8059E+01	29.38	.068	7.4105E+01	54.68	.120
8.2242E+01	22.99	.147	7.7970E+01	39.08	.054	7.4023E+01	30.53	.102
8.2145E+01	13.50	.257	7.7881E+01	42.21	.053	7.3940E+01	15.52	.156
8.2048E+01	7.50	.138	7.7792E+01	41.97	.061	7.3858E+01	9.13	.051
8.1952E+01	5.22	.190	7.7703E+01	40.69	.056	7.3776E+01	6.07	.114
8.1856E+01	4.25	.104	7.7615E+01	26.85	.129	7.3694E+01	5.00	.063
8.1760E+01	5.24	.076	7.7526E+01	29.19	.074	7.3612E+01	4.47	.081
8.1665E+01	5.73	.074	7.7438E+01	30.14	.056	7.3530E+01	4.24	.049
8.1569E+01	8.08	.123	7.7349E+01	31.79	.069	7.3448E+01	4.11	.049
8.1474E+01	16.64	.105	7.7261E+01	31.35	.089	7.3367E+01	4.36	.058
8.1379E+01	25.66	.074	7.7173E+01	30.17	.058	7.3285E+01	5.00	.066
8.1284E+01	33.16	.049	7.7086E+01	25.35	.075	7.3204E+01	5.85	.064
8.1189E+01	33.97	.082	7.6998E+01	14.61	.155	7.3123E+01	7.53	.065
8.1094E+01	33.28	.097	7.6910E+01	8.25	.144	7.3042E+01	8.77	.067
8.0999E+01	31.61	.077	7.6823E+01	6.59	.092	7.2961E+01	12.01	.096
8.0905E+01	19.92	.264	7.6736E+01	6.07	.065	7.2881E+01	14.64	.067
8.0811E+01	9.69	.132	7.6649E+01	5.99	.050	7.2800E+01	18.70	.072
8.0717E+01	8.96	.109	7.6562E+01	5.93	.048	7.2720E+01	21.31	.062
8.0623E+01	9.91	.087	7.6475E+01	5.63	.052	7.2639E+01	24.05	.073
8.0529E+01	10.04	.053	7.6389E+01	4.73	.093	7.2559E+01	36.07	.109

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
7.2479E+01	5C.67	.100	6.8936E+01	21.91	.245	6.5645E+01	14.19	.C57
7.2399E+01	91.32	.076	6.8861E+01	12.49	.265	6.5577E+01	14.68	.C77
7.2319E+01	109.18	.053	6.8787E+01	7.79	.271	6.5508E+01	12.50	.176
7.2240E+01	116.44	.048	6.8714E+01	5.09	.107	6.5439E+01	8.07	.310
7.216CE+01	111.84	.070	6.8640E+01	5.46	.134	6.5370E+01	4.18	.254
7.2C81E+01	106.10	.094	6.8566E+01	5.46	.055	6.5302E+01	4.56	.215
7.2CC2E+01	84.12	.184	6.8493E+01	5.62	.055	6.5234E+01	3.22	.223
7.1923E+01	46.44	.088	6.8419E+01	6.11	.061	6.5165E+01	3.26	.C76
7.1843E+01	22.84	.124	6.8346E+01	6.31	.051	6.5097E+01	3.02	.C60
7.1765E+01	13.96	.092	6.8273E+01	6.20	.050	6.5029E+01	2.68	.115
7.1686E+01	13.44	.054	6.8200E+01	5.74	.058	6.4961E+01	2.70	.C71
7.16C7E+01	14.45	.065	6.8127E+01	5.22	.073	6.4893E+01	2.95	.C58
7.1529E+01	16.86	.054	6.8054E+01	3.52	.325	6.4826E+01	2.95	.C70
7.1450E+01	17.77	.048	6.7981E+01	2.83	.155	6.4758E+01	2.99	.C89
7.1372E+01	17.78	.052	6.7909E+01	2.40	.232	6.4691E+01	3.17	.C67
7.1294E+01	17.51	.054	6.7836E+01	1.81	.149	6.4623E+01	3.51	.C95
7.1216E+01	17.08	.048	6.7764E+01	1.62	.059	6.4556E+01	4.05	.C73
7.1138E+01	17.55	.056	6.7691E+01	1.44	.061	6.4489E+01	5.07	.C61
7.1C61E+01	2C.17	.071	6.7619E+01	1.34	.082	6.4422E+01	6.75	.112
7.C983E+01	27.58	.096	6.7547E+01	1.21	.131	6.4355E+01	9.35	.121
7.C9C6E+01	40.98	.099	6.7475E+01	1.32	.081	6.4288E+01	15.27	.C67
7.C828E+01	59.78	.084	6.7404E+01	1.45	.060	6.4221E+01	18.86	.C52
7.C751E+01	85.43	.082	6.7332E+01	1.54	.146	6.4154E+01	21.04	.C54
7.C674E+01	110.19	.051	6.7260E+01	1.85	.220	6.4088E+01	22.20	.C52
7.C597E+01	12C.02	.049	6.7189E+01	2.64	.079	6.4021E+01	22.77	.C5C
7.C52CE+01	131.13	.047	6.7118E+01	3.05	.069	6.3955E+01	21.82	.C51
7.C444E+01	139.35	.047	6.7046E+01	3.26	.054	6.3889E+01	21.13	.C49
7.C367E+01	141.45	.048	6.6975E+01	3.18	.064	6.3822E+01	22.14	.C51
7.C291E+01	143.26	.048	6.6904E+01	2.82	.110	6.3756E+01	23.51	.C59
7.C214E+01	137.35	.052	6.6833E+01	2.29	.101	6.3690E+01	25.54	.C83
7.C138E+01	125.17	.065	6.6763E+01	1.37	.176	6.3625E+01	28.67	.C72
7.CC62E+01	101.83	.080	6.6692E+01	1.41	.068	6.3559E+01	29.83	.C51
6.9986E+01	62.35	.137	6.6621E+01	1.62	.110	6.3493E+01	30.00	.C48
6.991CE+01	32.23	.127	6.6551E+01	2.79	.104	6.3428E+01	29.41	.C48
6.9835E+01	25.04	.171	6.6481E+01	4.01	.191	6.3362E+01	28.64	.C50
6.9759E+01	21.89	.100	6.6410E+01	10.31	.106	6.3297E+01	26.54	.C65
6.9684E+01	19.54	.084	6.6340E+01	13.38	.062	6.3232E+01	23.81	.C55
6.96C8E+01	19.10	.066	6.6270E+01	15.60	.057	6.3167E+01	21.54	.C54
6.9533E+01	19.68	.049	6.6200E+01	15.45	.049	6.3101E+01	19.48	.C82
6.9458E+01	2C.87	.051	6.6131E+01	15.15	.061	6.3037E+01	17.58	.C60
6.9383E+01	23.31	.052	6.6061E+01	10.40	.221	6.2972E+01	16.76	.C64
6.93C8E+01	28.0C	.053	6.5992E+01	7.79	.086	6.2907E+01	15.58	.C78
6.9233E+01	31.83	.050	6.5922E+01	9.23	.063	6.2842E+01	12.16	.C55
6.9159E+01	33.72	.053	6.5853E+01	10.03	.066	6.2778E+01	11.18	.C50
6.9C84E+01	34.12	.050	6.5784E+01	11.57	.117	6.2713E+01	10.60	.C53
6.9C1CE+01	31.28	.090	6.5714E+01	13.92	.052	6.2649E+01	9.91	.C55

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
6.2585E+01	9.40	.060	5.9733E+01	34.39	.068	5.7071E+01	13.56	.055
6.2521E+01	9.84	.053	5.9673E+01	30.58	.071	5.7015E+01	15.10	.064
6.2457E+01	10.49	.053	5.9613E+01	28.03	.073	5.6960E+01	17.52	.056
6.2393E+01	11.31	.056	5.9554E+01	21.81	.155	5.6904E+01	19.47	.064
6.2329E+01	11.90	.079	5.9494E+01	17.88	.116	5.6848E+01	22.58	.109
6.2265E+01	12.64	.069	5.9435E+01	15.68	.072	5.6793E+01	32.22	.109
6.2201E+01	12.56	.065	5.9375E+01	14.11	.083	5.6737E+01	43.23	.126
6.2138E+01	12.96	.051	5.9316E+01	11.62	.095	5.6682E+01	73.82	.083
6.2074E+01	13.05	.050	5.9257E+01	9.83	.102	5.6627E+01	102.52	.099
6.2011E+01	12.84	.050	5.9198E+01	9.12	.069	5.6571E+01	141.46	.097
6.1948E+01	12.30	.057	5.9139E+01	9.30	.064	5.6516E+01	202.74	.066
6.1885E+01	12.16	.050	5.9080E+01	9.87	.057	5.6461E+01	246.87	.052
6.1822E+01	12.24	.054	5.9021E+01	13.32	.094	5.6406E+01	255.38	.051
6.1758E+01	12.08	.050	5.8962E+01	16.03	.138	5.6351E+01	253.79	.059
6.1696E+01	12.01	.050	5.8904E+01	21.28	.115	5.6296E+01	245.61	.078
6.1633E+01	12.38	.050	5.8845E+01	24.51	.072	5.6242E+01	222.32	.133
6.1570E+01	12.87	.055	5.8786E+01	43.49	.109	5.6187E+01	157.84	.147
6.1508E+01	13.76	.081	5.8728E+01	59.18	.074	5.6132E+01	139.16	.070
6.1445E+01	14.88	.058	5.8670E+01	70.22	.056	5.6078E+01	142.03	.063
6.1383E+01	15.60	.050	5.8611E+01	76.17	.055	5.6024E+01	141.76	.052
6.1320E+01	16.57	.053	5.8553E+01	77.95	.069	5.5969E+01	146.66	.053
6.1258E+01	17.86	.058	5.8495E+01	75.68	.112	5.5915E+01	153.65	.054
6.1196E+01	19.48	.072	5.8437E+01	66.47	.183	5.5861E+01	162.59	.051
6.1134E+01	24.46	.065	5.8380E+01	46.84	.274	5.5807E+01	165.27	.055
6.1072E+01	27.79	.057	5.8322E+01	29.48	.120	5.5753E+01	168.35	.053
6.1010E+01	29.88	.056	5.8264E+01	27.02	.175	5.5699E+01	159.47	.078
6.0948E+01	32.29	.053	5.8206E+01	31.35	.055	5.5645E+01	137.44	.124
6.0887E+01	35.52	.056	5.8149E+01	41.20	.112	5.5591E+01	117.01	.145
6.0825E+01	36.57	.050	5.8091E+01	61.73	.060	5.5537E+01	100.52	.173
6.0764E+01	37.15	.050	5.8034E+01	78.47	.062	5.5484E+01	71.04	.079
6.0702E+01	37.27	.050	5.7977E+01	90.81	.053	5.5430E+01	53.00	.111
6.0641E+01	35.94	.063	5.7919E+01	95.22	.054	5.5377E+01	49.65	.164
6.0580E+01	33.10	.061	5.7862E+01	98.67	.050	5.5323E+01	53.39	.064
6.0519E+01	30.25	.051	5.7805E+01	98.09	.067	5.5270E+01	52.08	.052
6.0458E+01	27.35	.060	5.7748E+01	92.55	.087	5.5217E+01	58.72	.081
6.0397E+01	27.27	.053	5.7691E+01	79.82	.079	5.5163E+01	87.63	.074
6.0336E+01	30.77	.067	5.7635E+01	69.87	.138	5.5110E+01	113.13	.074
6.0275E+01	36.80	.085	5.7578E+01	69.49	.160	5.5057E+01	139.14	.058
6.0215E+01	45.22	.076	5.7521E+01	49.71	.251	5.5004E+01	150.21	.056
6.0154E+01	55.68	.061	5.7465E+01	34.33	.151	5.4951E+01	150.39	.063
6.0094E+01	58.72	.053	5.7408E+01	26.55	.255	5.4899E+01	148.41	.079
6.0033E+01	60.07	.068	5.7352E+01	17.09	.182	5.4846E+01	130.65	.135
5.9973E+01	57.68	.073	5.7296E+01	14.92	.082	5.4793E+01	112.00	.192
5.9913E+01	53.35	.056	5.7239E+01	13.76	.127	5.4741E+01	73.50	.138
5.9853E+01	43.66	.074	5.7183E+01	14.33	.075	5.4688E+01	53.22	.163
5.9793E+01	39.93	.072	5.7127E+01	13.38	.052	5.4636E+01	39.77	.255

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
5.4583E+01	29.41	.138	5.2255E+01	107.96	.055	5.0071E+01	38.90	.124
5.4531E+01	26.70	.107	5.2206E+01	115.76	.053	5.0025E+01	34.17	.152
5.4479E+01	23.54	.071	5.2157E+01	122.21	.051	4.9979E+01	31.57	.201
5.4427E+01	20.12	.070	5.2108E+01	125.38	.052	4.9934E+01	24.69	.244
5.4375E+01	17.57	.077	5.2059E+01	120.75	.060	4.9888E+01	18.87	.264
5.4323E+01	16.78	.055	5.2010E+01	114.89	.051	4.9842E+01	17.39	.170
5.4271E+01	16.85	.052	5.1962E+01	105.14	.059	4.9796E+01	16.43	.096
5.4219E+01	16.71	.055	5.1913E+01	94.99	.077	4.9751E+01	15.83	.116
5.4167E+01	17.20	.054	5.1865E+01	86.71	.093	4.9705E+01	15.19	.076
5.4116E+01	18.27	.053	5.1816E+01	78.30	.099	4.9660E+01	14.11	.064
5.4064E+01	19.79	.054	5.1768E+01	69.50	.082	4.9614E+01	14.13	.061
5.4013E+01	20.70	.052	5.1720E+01	64.35	.063	4.9569E+01	15.24	.061
5.3961E+01	20.03	.054	5.1671E+01	64.28	.052	4.9524E+01	18.19	.132
5.3910E+01	19.11	.064	5.1623E+01	66.50	.052	4.9479E+01	26.51	.071
5.3859E+01	18.49	.078	5.1575E+01	67.66	.052	4.9434E+01	32.32	.067
5.3807E+01	17.95	.060	5.1527E+01	77.46	.072	4.9389E+01	35.31	.092
5.3756E+01	16.69	.065	5.1479E+01	88.68	.071	4.9344E+01	36.55	.118
5.3705E+01	17.40	.064	5.1431E+01	97.44	.064	4.9299E+01	35.16	.141
5.3654E+01	18.75	.059	5.1383E+01	120.23	.069	4.9254E+01	30.12	.123
5.3603E+01	20.92	.057	5.1336E+01	155.80	.063	4.9209E+01	27.76	.156
5.3552E+01	23.10	.072	5.1288E+01	178.75	.058	4.9164E+01	26.50	.184
5.3501E+01	28.26	.075	5.1240E+01	199.04	.055	4.9120E+01	26.09	.132
5.3451E+01	33.30	.055	5.1193E+01	205.80	.052	4.9075E+01	24.62	.101
5.3400E+01	38.82	.059	5.1145E+01	207.27	.054	4.9030E+01	24.19	.066
5.3349E+01	40.63	.051	5.1098E+01	194.86	.081	4.8986E+01	25.40	.060
5.3299E+01	39.32	.052	5.1051E+01	163.98	.083	4.8941E+01	28.20	.064
5.3248E+01	34.49	.062	5.1003E+01	128.71	.063	4.8897E+01	35.25	.061
5.3198E+01	29.76	.065	5.0956E+01	114.90	.096	4.8853E+01	40.16	.064
5.3148E+01	25.00	.092	5.0909E+01	94.72	.104	4.8808E+01	45.48	.055
5.3098E+01	20.11	.165	5.0862E+01	73.66	.145	4.8764E+01	48.13	.053
5.3047E+01	17.09	.110	5.0815E+01	67.98	.139	4.8720E+01	50.58	.070
5.2997E+01	14.98	.068	5.0768E+01	58.86	.060	4.8676E+01	48.73	.130
5.2947E+01	13.16	.064	5.0721E+01	57.21	.076	4.8632E+01	41.89	.199
5.2897E+01	13.37	.072	5.0674E+01	57.14	.068	4.8588E+01	37.39	.187
5.2848E+01	14.27	.056	5.0627E+01	58.19	.058	4.8544E+01	37.97	.123
5.2798E+01	15.94	.069	5.0581E+01	61.56	.051	4.8500E+01	33.98	.063
5.2748E+01	17.79	.062	5.0534E+01	67.81	.053	4.8456E+01	33.08	.056
5.2698E+01	20.83	.060	5.0487E+01	76.11	.053	4.8412E+01	35.94	.071
5.2649E+01	23.82	.057	5.0441E+01	81.32	.056	4.8369E+01	42.84	.087
5.2599E+01	30.62	.071	5.0394E+01	79.02	.075	4.8325E+01	53.95	.072
5.2550E+01	36.33	.064	5.0348E+01	80.78	.083	4.8282E+01	60.81	.075
5.2500E+01	44.74	.093	5.0302E+01	67.93	.133	4.8238E+01	65.02	.062
5.2451E+01	54.53	.096	5.0255E+01	54.17	.151	4.8195E+01	67.56	.056
5.2402E+01	70.90	.078	5.0209E+01	46.32	.150	4.8151E+01	65.87	.066
5.2353E+01	83.57	.053	5.0163E+01	43.14	.216	4.8108E+01	62.62	.071
5.2303E+01	93.37	.058	5.0117E+01	44.08	.091	4.8065E+01	61.65	.061

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
4.8022E+01	61.53	.051	4.6095E+01	13.11	.075	4.4248E+01	37.28	.079
4.7978E+01	61.43	.052	4.6054E+01	13.12	.065	4.4208E+01	35.37	.057
4.7935E+01	60.95	.057	4.6014E+01	13.04	.070	4.4168E+01	35.01	.138
4.7892E+01	59.80	.051	4.5973E+01	11.08	.069	4.4129E+01	36.89	.064
4.7849E+01	57.22	.064	4.5933E+01	10.60	.070	4.4089E+01	35.08	.057
4.7806E+01	54.67	.096	4.5892E+01	11.32	.070	4.4049E+01	35.11	.085
4.7763E+01	44.74	.226	4.5852E+01	12.37	.067	4.4009E+01	38.61	.089
4.7721E+01	30.97	.150	4.5811E+01	13.64	.078	4.3970E+01	41.42	.086
4.7678E+01	27.92	.111	4.5771E+01	15.31	.107	4.3930E+01	39.05	.153
4.7635E+01	29.02	.281	4.5730E+01	16.48	.063	4.3891E+01	43.52	.063
4.7593E+01	21.17	.306	4.5690E+01	16.25	.064	4.3851E+01	43.28	.056
4.7550E+01	17.47	.300	4.5650E+01	16.23	.064	4.3812E+01	43.42	.065
4.7507E+01	17.84	.178	4.5609E+01	15.80	.083	4.3772E+01	39.73	.120
4.7465E+01	18.15	.088	4.5569E+01	16.36	.104	4.3733E+01	34.50	.174
4.7423E+01	18.53	.073	4.5529E+01	17.38	.124	4.3693E+01	36.32	.123
4.7380E+01	17.27	.063	4.5488E+01	16.64	.087	4.3653E+01	34.76	.099
4.7338E+01	15.64	.061	4.5448E+01	15.16	.067	4.3614E+01	29.63	.199
4.7296E+01	15.49	.066	4.5408E+01	13.97	.066	4.3575E+01	30.16	.106
4.7254E+01	17.97	.084	4.5368E+01	14.00	.068	4.3535E+01	27.90	.116
4.7211E+01	21.22	.069	4.5327E+01	14.24	.068	4.3496E+01	27.02	.059
4.7169E+01	26.29	.079	4.5287E+01	14.38	.070	4.3456E+01	27.88	.064
4.7127E+01	31.70	.069	4.5247E+01	15.12	.066	4.3417E+01	29.86	.058
4.7085E+01	42.53	.092	4.5207E+01	17.04	.084	4.3378E+01	31.31	.071
4.7043E+01	52.99	.064	4.5167E+01	19.30	.146	4.3338E+01	36.49	.110
4.7002E+01	61.35	.075	4.5126E+01	24.92	.085	4.3299E+01	38.04	.188
4.6960E+01	69.80	.059	4.5086E+01	21.79	.065	4.3260E+01	30.62	.251
4.6918E+01	76.16	.056	4.5046E+01	24.62	.080	4.3220E+01	24.11	.186
4.6876E+01	78.56	.062	4.5006E+01	28.90	.087	4.3181E+01	23.86	.154
4.6835E+01	78.27	.088	4.4966E+01	30.92	.090	4.3142E+01	20.61	.208
4.6793E+01	77.11	.085	4.4926E+01	32.74	.058	4.3103E+01	19.79	.139
4.6752E+01	71.46	.085	4.4886E+01	34.65	.056	4.3063E+01	17.69	.140
4.6710E+01	69.67	.111	4.4846E+01	36.88	.059	4.3024E+01	18.24	.153
4.6669E+01	66.13	.150	4.4806E+01	39.40	.085	4.2985E+01	15.82	.236
4.6628E+01	52.90	.163	4.4766E+01	45.25	.101	4.2946E+01	14.77	.154
4.6586E+01	44.09	.137	4.4726E+01	49.55	.057	4.2907E+01	13.68	.171
4.6545E+01	45.06	.089	4.4686E+01	52.99	.055	4.2868E+01	14.24	.148
4.6504E+01	33.70	.210	4.4646E+01	56.75	.056	4.2829E+01	12.77	.152
4.6463E+01	25.17	.139	4.4606E+01	60.23	.055	4.2789E+01	12.71	.096
4.6422E+01	22.98	.155	4.4566E+01	62.74	.054	4.2750E+01	13.20	.154
4.6381E+01	22.36	.085	4.4526E+01	64.92	.098	4.2711E+01	14.00	.164
4.6340E+01	17.04	.128	4.4486E+01	66.26	.096	4.2672E+01	15.25	.173
4.6299E+01	15.43	.124	4.4447E+01	67.78	.065	4.2633E+01	16.95	.070
4.6258E+01	14.85	.111	4.4407E+01	54.09	.075	4.2594E+01	15.90	.100
4.6217E+01	14.96	.124	4.4367E+01	47.85	.080	4.2555E+01	17.30	.097
4.6176E+01	14.48	.170	4.4327E+01	45.32	.108	4.2516E+01	16.51	.090
4.6136E+01	12.39	.201	4.4287E+01	46.38	.117	4.2477E+01	15.50	.064

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
4.2438E+01	15.33	.068	4.0667E+01	23.47	.069	3.8934E+01	46.56	.C97
4.2399E+01	15.13	.097	4.0629E+01	27.78	.068	3.8897E+01	41.37	.C78
4.2361E+01	16.73	.070	4.0591E+01	28.07	.121	3.8860E+01	42.79	.123
4.2322E+01	18.29	.081	4.0553E+01	28.76	.072	3.8822E+01	44.64	.121
4.2283E+01	19.9C	.068	4.0515E+01	32.17	.078	3.8785E+01	43.04	.C73
4.2244E+01	25.25	.075	4.0477E+01	33.40	.083	3.8748E+01	38.77	.C60
4.2205E+01	26.62	.063	4.0439E+01	29.36	.096	3.8711E+01	36.70	.C64
4.2166E+01	26.67	.082	4.0401E+01	24.43	.137	3.8674E+01	31.22	.C65
4.2128E+01	25.82	.082	4.0363E+01	26.04	.106	3.8637E+01	29.18	.C65
4.2C89E+01	29.01	.077	4.0325E+01	20.24	.286	3.8599E+01	26.47	.C67
4.2C5CE+01	30.64	.108	4.0287E+01	21.67	.176	3.8562E+01	24.79	.C74
4.2C11E+01	35.52	.070	4.0249E+01	20.45	.072	3.8525E+01	25.84	.116
4.1973E+01	36.26	.065	4.0211E+01	19.29	.154	3.8488E+01	24.42	.123
4.1934E+01	37.93	.058	4.0174E+01	15.04	.206	3.8451E+C1	23.62	.104
4.1895E+01	4C.06	.056	4.0136E+01	14.85	.079	3.8414E+01	23.50	.C91
4.1857E+01	44.66	.059	4.0098E+01	17.21	.073	3.8377E+01	22.05	.C70
4.1818E+01	47.11	.183	4.0060E+01	18.34	.105	3.8340E+01	22.50	.C72
4.1779E+01	49.09	.169	4.0022E+01	19.34	.098	3.8303E+01	24.05	.C67
4.1741E+01	48.17	.194	3.9985E+01	20.85	.135	3.8266E+01	24.64	.134
4.1702E+01	48.28	.142	3.9947E+01	21.93	.130	3.8229E+01	25.22	.136
4.1664E+01	44.61	.154	3.9909E+01	22.17	.138	3.8192E+01	23.75	.119
4.1625E+01	45.08	.062	3.9871E+01	22.94	.130	3.8155E+01	22.34	.124
4.1587E+01	41.54	.077	3.9834E+01	28.71	.075	3.8119E+01	22.30	.1C6
4.1548E+01	38.67	.131	3.9796E+01	28.54	.071	3.8082E+01	20.35	.150
4.1510E+01	38.52	.100	3.9758E+01	27.55	.066	3.8045E+01	22.75	.114
4.1471E+01	44.25	.101	3.9720E+01	29.11	.066	3.8008E+01	18.67	.254
4.1433E+01	45.77	.076	3.9683E+01	29.56	.083	3.7971E+01	17.04	.227
4.1394E+01	42.77	.084	3.9645E+01	30.19	.102	3.7934E+01	15.93	.132
4.1356E+01	42.66	.095	3.9608E+01	37.17	.135	3.7898E+01	18.67	.C91
4.1317E+01	43.48	.071	3.9570E+01	52.09	.208	3.7861E+01	16.75	.C92
4.1279E+01	43.65	.081	3.9533E+01	59.67	.218	3.7824E+01	17.05	.145
4.1241E+01	40.4C	.068	3.9495E+01	94.34	.123	3.7787E+01	16.48	.183
4.1202E+01	36.15	.059	3.9457E+01	99.54	.071	3.7751E+01	17.24	.C86
4.1164E+01	37.63	.081	3.9420E+01	110.87	.073	3.7714E+01	14.91	.C81
4.1126E+01	34.3C	.185	3.9382E+01	120.78	.056	3.7677E+01	11.29	.138
4.1C87E+01	34.12	.130	3.9345E+01	121.56	.107	3.7641E+01	10.87	.110
4.1C49E+01	33.60	.084	3.9308E+01	119.94	.152	3.7604E+01	9.45	.126
4.1C11E+01	30.94	.093	3.9270E+01	113.44	.152	3.7568E+01	10.87	.138
4.C973E+01	29.81	.077	3.9233E+01	104.79	.191	3.7531E+01	9.69	.122
4.C934E+01	3C.64	.144	3.9195E+01	78.82	.248	3.7494E+01	9.59	.131
4.C896E+01	26.13	.171	3.9158E+01	71.38	.280	3.7458E+01	8.82	.11C
4.C858E+01	26.37	.123	3.9121E+01	57.36	.094	3.7421E+01	9.55	.145
4.C820E+01	28.21	.084	3.9083E+01	60.97	.191	3.7385E+01	7.85	.112
4.C782E+01	25.51	.070	3.9046E+01	57.19	.181	3.7348E+01	8.39	.111
4.C743E+01	21.07	.132	3.9009E+01	54.78	.175	3.7312E+01	10.27	.C92
4.C7C5E+01	21.93	.070	3.8971E+01	54.24	.162	3.7275E+01	10.77	.C90

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
3.7239E+01	9.33	.168	3.5582E+01	43.19	.070	3.3962E+01	81.80	.134
3.7202E+01	8.31	.104	3.5546E+01	50.28	.087	3.3928E+01	64.31	.158
3.7166E+01	6.67	.222	3.5510E+01	57.16	.139	3.3893E+01	58.40	.173
3.7130E+01	6.06	.248	3.5475E+01	68.55	.123	3.3858E+01	59.66	.131
3.7093E+01	7.29	.168	3.5439E+01	79.65	.062	3.3823E+01	64.90	.133
3.7057E+01	5.89	.171	3.5404E+01	93.59	.070	3.3789E+01	62.55	.090
3.7021E+01	7.29	.180	3.5368E+01	112.07	.083	3.3754E+01	58.62	.067
3.6984E+01	7.41	.152	3.5333E+01	149.21	.155	3.3719E+01	57.56	.071
3.6948E+01	9.43	.180	3.5297E+01	163.65	.138	3.3685E+01	62.26	.098
3.6912E+01	8.18	.175	3.5262E+01	172.05	.105	3.3650E+01	69.80	.083
3.6875E+01	6.70	.116	3.5226E+01	206.35	.092	3.3615E+01	76.07	.072
3.6839E+01	6.53	.136	3.5191E+01	233.38	.077	3.3581E+01	83.20	.072
3.6803E+01	6.16	.211	3.5156E+01	247.93	.074	3.3546E+01	84.00	.079
3.6767E+01	6.82	.207	3.5120E+01	245.64	.064	3.3512E+01	86.49	.088
3.6730E+01	6.26	.123	3.5085E+01	259.36	.058	3.3477E+01	88.38	.112
3.6694E+01	6.73	.152	3.5049E+01	251.60	.061	3.3443E+01	61.39	.303
3.6658E+01	7.16	.185	3.5014E+01	248.56	.074	3.3408E+01	81.78	.137
3.6622E+01	7.03	.171	3.4979E+01	249.03	.068	3.3373E+01	79.51	.102
3.6586E+01	8.29	.108	3.4943E+01	238.70	.060	3.3339E+01	74.62	.138
3.6550E+01	8.65	.113	3.4908E+01	226.99	.094	3.3304E+01	60.70	.176
3.6514E+01	7.55	.125	3.4873E+01	229.91	.066	3.3270E+01	64.49	.173
3.6477E+01	6.98	.203	3.4838E+01	228.85	.060	3.3236E+01	62.48	.132
3.6441E+01	8.30	.256	3.4802E+01	224.04	.072	3.3201E+01	54.22	.197
3.6405E+01	9.09	.170	3.4767E+01	203.48	.103	3.3167E+01	53.55	.132
3.6369E+01	10.32	.127	3.4732E+01	200.49	.082	3.3132E+01	41.24	.187
3.6333E+01	9.68	.118	3.4697E+01	197.65	.069	3.3098E+01	44.10	.130
3.6297E+01	11.96	.181	3.4662E+01	185.77	.092	3.3064E+01	41.77	.082
3.6262E+01	10.17	.163	3.4627E+01	206.37	.149	3.3030E+01	35.95	.102
3.6226E+01	9.33	.178	3.4591E+01	195.76	.115	3.2995E+01	32.17	.090
3.6190E+01	11.19	.131	3.4556E+01	180.57	.098	3.2961E+01	28.27	.091
3.6154E+01	12.34	.084	3.4521E+01	177.42	.075	3.2927E+01	31.15	.124
3.6118E+01	12.52	.158	3.4486E+01	172.34	.088	3.2892E+01	26.05	.145
3.6082E+01	12.95	.141	3.4451E+01	158.11	.096	3.2858E+01	21.63	.125
3.6046E+01	12.51	.113	3.4416E+01	171.53	.098	3.2824E+01	24.66	.119
3.6010E+01	13.10	.092	3.4381E+01	181.46	.075	3.2790E+01	17.95	.190
3.5974E+01	14.51	.111	3.4346E+01	175.54	.110	3.2756E+01	16.74	.156
3.5939E+01	17.35	.104	3.4311E+01	167.62	.119	3.2722E+01	15.64	.111
3.5903E+01	20.23	.141	3.4276E+01	156.33	.091	3.2687E+01	11.22	.118
3.5867E+01	20.14	.261	3.4241E+01	162.86	.114	3.2653E+01	10.75	.121
3.5831E+01	21.81	.307	3.4206E+01	141.65	.164	3.2619E+01	9.96	.123
3.5796E+01	23.89	.115	3.4171E+01	126.95	.137	3.2585E+01	11.06	.130
3.5760E+01	28.07	.103	3.4137E+01	116.63	.076	3.2551E+01	12.50	.251
3.5724E+01	29.42	.138	3.4102E+01	107.58	.098	3.2517E+01	9.33	.128
3.5688E+01	29.00	.072	3.4067E+01	102.42	.129	3.2483E+01	10.70	.174
3.5653E+01	33.52	.082	3.4032E+01	84.76	.193	3.2449E+01	10.11	.128
3.5617E+01	35.59	.100	3.3997E+01	88.22	.157	3.2415E+01	10.68	.137

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
3.2381E+01	11.72	.118	3.0837E+01	22.02	.113	2.9332E+01	8.64	.210
3.2347E+01	14.49	.114	3.0804E+01	24.68	.106	2.9300E+01	8.73	.238
3.2313E+01	22.27	.109	3.0771E+01	21.52	.126	2.9267E+01	7.62	.216
3.2279E+01	29.13	.096	3.0738E+01	26.36	.104	2.9235E+01	8.05	.229
3.2245E+01	31.38	.091	3.0705E+01	26.71	.179	2.9203E+01	7.81	.207
3.2211E+01	41.15	.097	3.0672E+01	26.19	.159	2.9171E+01	8.08	.190
3.2178E+01	47.61	.086	3.0639E+01	23.68	.100	2.9139E+01	7.29	.207
3.2144E+01	58.70	.096	3.0606E+01	23.93	.099	2.9106E+01	7.90	.243
3.2110E+01	75.72	.134	3.0573E+01	21.89	.103	2.9074E+01	8.00	.245
3.2076E+01	82.44	.080	3.0540E+01	21.14	.123	2.9042E+01	8.20	.251
3.2042E+01	89.02	.091	3.0507E+01	27.48	.104	2.9010E+01	8.79	.233
3.2008E+01	94.89	.124	3.0474E+01	27.38	.127	2.8978E+01	11.03	.202
3.1975E+01	99.97	.113	3.0441E+01	22.22	.102	2.8946E+01	9.03	.263
3.1941E+01	100.00	.154	3.0408E+01	26.45	.124	2.8913E+01	8.66	.258
3.1907E+01	99.53	.110	3.0375E+01	24.45	.174	2.8881E+01	9.55	.238
3.1874E+01	85.66	.194	3.0342E+01	18.20	.191	2.8849E+01	6.64	.232
3.1840E+01	93.68	.103	3.0310E+01	17.98	.186	2.8817E+01	7.40	.309
3.1806E+01	69.79	.261	3.0277E+01	17.27	.110	2.8785E+01	6.95	.268
3.1773E+01	77.05	.144	3.0244E+01	14.58	.128	2.8753E+01	7.66	.238
3.1739E+01	61.85	.144	3.0211E+01	12.21	.161	2.8721E+01	8.56	.267
3.1705E+01	58.54	.138	3.0178E+01	10.45	.146	2.8689E+01	8.44	.196
3.1672E+01	57.48	.127	3.0145E+01	13.25	.152	2.8657E+01	7.56	.216
3.1638E+01	53.45	.127	3.0113E+01	13.66	.269	2.8625E+01	7.77	.234
3.1605E+01	56.71	.116	3.0080E+01	12.02	.191	2.8593E+01	10.48	.215
3.1571E+01	53.60	.102	3.0047E+01	10.62	.166	2.8562E+01	10.40	.175
3.1537E+01	52.97	.152	3.0015E+01	9.29	.173	2.8530E+01	11.61	.156
3.1504E+01	47.14	.140	2.9982E+01	8.52	.223	2.8498E+01	13.38	.153
3.1470E+01	42.18	.141	2.9949E+01	10.86	.234	2.8466E+01	14.83	.155
3.1437E+01	34.84	.112	2.9917E+01	9.12	.224	2.8434E+01	17.23	.152
3.1404E+01	31.14	.149	2.9884E+01	8.71	.220	2.8402E+01	20.76	.137
3.1370E+01	31.45	.235	2.9851E+01	9.24	.297	2.8371E+01	17.88	.135
3.1337E+01	32.38	.221	2.9819E+01	7.42	.240	2.8339E+01	17.73	.138
3.1303E+01	25.05	.181	2.9786E+01	10.18	.270	2.8307E+01	17.00	.131
3.1270E+01	20.69	.141	2.9754E+01	9.71	.160	2.8275E+01	16.06	.150
3.1236E+01	15.77	.128	2.9721E+01	11.50	.141	2.8244E+01	18.96	.133
3.1203E+01	15.65	.239	2.9689E+01	10.40	.173	2.8212E+01	20.79	.126
3.1170E+01	15.95	.219	2.9656E+01	9.79	.220	2.8180E+01	19.44	.138
3.1136E+01	11.78	.124	2.9624E+01	10.39	.205	2.8149E+01	19.43	.138
3.1103E+01	11.91	.186	2.9591E+01	11.38	.310	2.8117E+01	21.33	.124
3.1070E+01	13.72	.130	2.9559E+01	13.13	.271	2.8085E+01	20.32	.235
3.1037E+01	12.47	.144	2.9526E+01	14.82	.184	2.8054E+01	31.01	.128
3.1004E+01	13.42	.190	2.9494E+01	12.85	.146	2.8022E+01	36.10	.116
3.0970E+01	15.17	.127	2.9461E+01	10.13	.173	2.7990E+01	32.69	.121
3.0937E+01	15.20	.135	2.9429E+01	11.52	.308	2.7959E+01	43.53	.171
3.0904E+01	16.44	.227	2.9397E+01	12.89	.225	2.7928E+01	49.34	.252
3.0871E+01	15.34	.166	2.9364E+01	8.26	.225	2.7896E+01	49.96	.226

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.7864E+01	53.96	.121	2.6435E+01	70.79	.161	2.5043E+01	81.90	.158
2.7833E+01	56.77	.210	2.6404E+01	59.78	.165	2.5013E+01	81.11	.143
2.7802E+01	59.79	.120	2.6373E+01	67.31	.117	2.4983E+01	81.43	.128
2.777CE+01	58.04	.156	2.6343E+01	59.15	.128	2.4953E+01	78.78	.128
2.7739E+01	5C.57	.177	2.6312E+01	56.57	.135	2.4924E+01	70.19	.192
2.77C7E+01	69.35	.152	2.6282E+01	58.66	.151	2.4894E+01	76.28	.133
2.7676E+01	59.17	.176	2.6251E+01	53.45	.172	2.4864E+01	74.35	.133
2.7644E+01	58.65	.162	2.6220E+01	54.52	.152	2.4834E+01	61.21	.157
2.7613E+01	59.12	.164	2.6190E+01	52.70	.170	2.4805E+01	61.67	.141
2.7582E+01	59.93	.239	2.6159E+01	45.71	.124	2.4775E+01	59.43	.152
2.755CE+01	57.57	.211	2.6129E+01	46.88	.154	2.4745E+01	61.94	.144
2.7519E+01	56.75	.194	2.6098E+01	48.77	.121	2.4716E+01	64.21	.141
2.7488E+01	5C.13	.152	2.6068E+01	47.36	.136	2.4686E+01	51.56	.123
2.7457E+01	54.24	.126	2.6038E+01	42.89	.131	2.4656E+01	49.03	.122
2.7425E+01	43.57	.121	2.6007E+01	38.03	.141	2.4627E+01	53.96	.131
2.7394E+01	36.1C	.131	2.5977E+01	36.40	.142	2.4597E+01	61.43	.203
2.7363E+01	36.16	.140	2.5946E+01	33.79	.155	2.4568E+01	58.03	.218
2.7332E+01	30.9C	.306	2.5916E+01	34.70	.138	2.4538E+01	62.99	.135
2.73C1E+01	35.33	.157	2.5885E+01	40.07	.181	2.4509E+01	56.66	.163
2.7269E+01	34.18	.127	2.5855E+01	37.78	.128	2.4479E+01	50.11	.137
2.7238E+01	34.73	.162	2.5825E+01	37.78	.133	2.4449E+01	47.81	.162
2.72C7E+01	28.56	.247	2.5795E+01	40.05	.123	2.4420E+01	46.26	.159
2.7176E+01	27.67	.133	2.5764E+01	47.38	.126	2.4390E+01	63.43	.148
2.7145E+01	29.34	.142	2.5734E+01	55.21	.141	2.4361E+01	58.25	.160
2.7114E+01	23.68	.137	2.5704E+01	54.61	.115	2.4332E+01	58.92	.163
2.7C83E+01	25.04	.145	2.5674E+01	52.01	.145	2.4302E+01	62.18	.129
2.7C52E+01	29.1C	.136	2.5643E+01	70.78	.212	2.4273E+01	58.71	.142
2.7021E+01	30.92	.142	2.5613E+01	74.48	.139	2.4244E+01	58.56	.140
2.699CE+01	27.87	.139	2.5583E+01	79.24	.188	2.4214E+01	65.00	.135
2.6959E+01	23.25	.133	2.5553E+01	81.17	.151	2.4185E+01	64.84	.160
2.6928E+01	26.91	.127	2.5523E+01	82.65	.117	2.4155E+01	73.40	.143
2.6897E+01	28.58	.120	2.5492E+01	88.16	.190	2.4126E+01	65.61	.266
2.6866E+01	26.71	.124	2.5462E+01	95.12	.131	2.4097E+01	61.29	.192
2.6835E+01	27.6C	.131	2.5432E+01	88.57	.124	2.4068E+01	57.26	.189
2.68C4E+01	31.9C	.137	2.5402E+01	91.95	.123	2.4038E+01	64.73	.186
2.6773E+01	31.83	.135	2.5372E+01	89.51	.175	2.4009E+01	68.02	.152
2.6742E+01	39.93	.133	2.5342E+01	97.82	.121	2.3980E+01	57.26	.215
2.6711E+01	41.71	.248	2.5312E+01	100.27	.107	2.3951E+01	52.68	.188
2.6681E+01	40.96	.127	2.5282E+01	97.11	.131	2.3922E+01	59.11	.131
2.6650E+01	39.45	.124	2.5252E+01	94.43	.130	2.3892E+01	60.70	.144
2.6619E+01	52.26	.127	2.5222E+01	80.28	.152	2.3863E+01	61.01	.139
2.6588E+01	6C.61	.126	2.5192E+01	93.27	.171	2.3834E+01	72.28	.148
2.6558E+01	53.57	.268	2.5162E+01	86.49	.187	2.3805E+01	75.57	.146
2.6527E+01	52.22	.116	2.5133E+01	79.35	.170	2.3776E+01	75.15	.147
2.6496E+01	6C.63	.121	2.5103E+01	73.82	.173	2.3747E+01	84.53	.138
2.6465E+01	62.94	.124	2.5073E+01	72.56	.148	2.3718E+01	108.33	.145

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.3689E+01	104.50	.134	2.2373E+01	28.57	.178	2.1094E+01	120.28	.176
2.3660E+01	108.17	.124	2.2344E+01	22.01	.199	2.1067E+01	121.98	.156
2.3631E+01	111.09	.132	2.2316E+01	16.03	.217	2.1039E+01	141.52	.156
2.3602E+01	116.96	.158	2.2288E+01	14.54	.248	2.1012E+01	158.22	.154
2.3573E+01	137.29	.148	2.2260E+01	14.86	.287	2.0985E+01	142.35	.157
2.3544E+01	125.45	.129	2.2232E+01	14.94	.277	2.0958E+01	151.91	.169
2.3515E+01	118.65	.228	2.2204E+01	15.20	.267	2.0930E+01	156.25	.166
2.3486E+01	125.68	.190	2.2176E+01	13.31	.335	2.0903E+01	148.70	.155
2.3457E+01	133.07	.167	2.2148E+01	13.75	.279	2.0876E+01	130.24	.216
2.3428E+01	131.57	.145	2.2120E+01	13.67	.283	2.0848E+01	113.65	.216
2.3399E+01	128.87	.143	2.2091E+01	11.87	.296	2.0821E+01	130.01	.180
2.3371E+01	118.02	.163	2.2063E+01	11.03	.330	2.0794E+01	96.32	.205
2.3342E+01	107.12	.188	2.2035E+01	11.96	.348	2.0767E+01	114.05	.264
2.3313E+01	101.10	.139	2.2008E+01	13.64	.276	2.0740E+01	102.02	.260
2.3284E+01	116.87	.145	2.1980E+01	13.12	.265	2.0713E+01	92.97	.180
2.3255E+01	97.84	.190	2.1952E+01	12.82	.285	2.0686E+01	76.69	.176
2.3227E+01	89.58	.165	2.1924E+01	13.57	.327	2.0658E+01	82.09	.165
2.3198E+01	87.28	.149	2.1896E+01	12.93	.281	2.0631E+01	72.49	.169
2.3169E+01	77.93	.227	2.1868E+01	13.54	.284	2.0604E+01	62.70	.195
2.3141E+01	85.60	.162	2.1840E+01	13.22	.254	2.0577E+01	64.51	.173
2.3112E+01	82.93	.162	2.1812E+01	12.66	.293	2.0550E+01	67.75	.183
2.3083E+01	75.66	.158	2.1784E+01	13.36	.297	2.0523E+01	54.95	.192
2.3055E+01	82.38	.155	2.1756E+01	13.25	.295	2.0496E+01	49.94	.210
2.3026E+01	82.70	.160	2.1729E+01	11.32	.330	2.0469E+01	42.99	.203
2.2997E+01	77.72	.176	2.1701E+01	13.18	.299	2.0442E+01	54.16	.211
2.2969E+01	69.36	.160	2.1673E+01	12.64	.298	2.0415E+01	49.27	.248
2.2940E+01	81.30	.257	2.1645E+01	12.10	.309	2.0388E+01	51.07	.184
2.2912E+01	78.85	.211	2.1618E+01	12.63	.286	2.0361E+01	44.57	.205
2.2883E+01	72.73	.168	2.1590E+01	13.16	.313	2.0335E+01	39.14	.195
2.2855E+01	76.92	.210	2.1562E+01	14.18	.279	2.0308E+01	40.02	.193
2.2826E+01	75.49	.196	2.1535E+01	13.43	.287	2.0281E+01	36.70	.173
2.2798E+01	73.52	.142	2.1507E+01	13.03	.298	2.0254E+01	35.63	.216
2.2769E+01	65.98	.163	2.1479E+01	15.82	.264	2.0227E+01	38.58	.208
2.2741E+01	69.43	.166	2.1452E+01	17.65	.258	2.0200E+01	34.65	.192
2.2712E+01	67.05	.263	2.1424E+01	15.90	.284	2.0174E+01	36.05	.190
2.2684E+01	54.95	.172	2.1396E+01	14.25	.281	2.0147E+01	32.36	.223
2.2655E+01	50.22	.182	2.1369E+01	18.41	.221	2.0120E+01	38.24	.216
2.2627E+01	45.79	.174	2.1341E+01	29.58	.195	2.0093E+01	38.47	.219
2.2599E+01	40.07	.256	2.1314E+01	28.63	.188	2.0067E+01	33.22	.225
2.2571E+01	35.37	.181	2.1286E+01	34.90	.193	2.0040E+01	31.84	.221
2.2542E+01	34.38	.192	2.1259E+01	42.81	.190	2.0013E+01	35.37	.221
2.2514E+01	34.90	.183	2.1231E+01	67.58	.178	1.9987E+01	38.79	.220
2.2486E+01	31.36	.164	2.1204E+01	64.82	.163	1.9960E+01	32.22	.249
2.2457E+01	29.74	.184	2.1177E+01	83.48	.165	1.9933E+01	32.69	.227
2.2429E+01	28.65	.186	2.1149E+01	100.75	.171	1.9907E+01	37.30	.196
2.2401E+01	27.06	.192	2.1122E+01	111.78	.157	1.9880E+01	38.52	.202

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.9854E+01	37.78	.201	1.8651E+01	72.02	.212	1.7486E+01	22.78	.296
1.9827E+01	34.82	.213	1.8625E+01	66.21	.209	1.7461E+01	23.00	.279
1.9801E+01	36.69	.198	1.8599E+01	63.52	.226	1.7436E+01	17.93	.297
1.9774E+01	33.87	.207	1.8574E+01	51.56	.216	1.7411E+01	20.24	.281
1.9748E+01	32.76	.227	1.8548E+01	50.38	.212	1.7386E+01	21.74	.279
1.9721E+01	35.60	.231	1.8522E+01	46.74	.206	1.7361E+01	24.20	.273
1.9695E+01	46.33	.241	1.8497E+01	40.58	.241	1.7337E+01	20.90	.268
1.9668E+01	51.97	.209	1.8471E+01	42.68	.222	1.7312E+01	21.20	.289
1.9642E+01	57.16	.203	1.8446E+01	44.31	.220	1.7287E+01	19.62	.293
1.9615E+01	55.78	.208	1.8420E+01	42.80	.214	1.7262E+01	14.88	.324
1.9589E+01	76.94	.188	1.8394E+01	45.43	.224	1.7238E+01	20.04	.284
1.9563E+01	85.21	.201	1.8369E+01	33.54	.226	1.7213E+01	21.44	.336
1.9536E+01	108.53	.299	1.8343E+01	50.89	.242	1.7188E+01	16.53	.319
1.9510E+01	145.11	.210	1.8318E+01	46.47	.239	1.7163E+01	19.96	.305
1.9484E+01	180.70	.182	1.8292E+01	46.27	.219	1.7139E+01	19.44	.313
1.9457E+01	250.56	.176	1.8267E+01	60.06	.222	1.7114E+01	20.60	.353
1.9431E+01	300.12	.179	1.8241E+01	49.90	.207	1.7090E+01	20.03	.338
1.9405E+01	324.05	.173	1.8216E+01	60.63	.244	1.7065E+01	19.88	.340
1.9379E+01	411.18	.173	1.8191E+01	59.43	.223	1.7040E+01	18.82	.303
1.9352E+01	446.78	.174	1.8165E+01	70.54	.219	1.7016E+01	18.68	.301
1.9326E+01	480.52	.175	1.8140E+01	92.03	.212	1.6991E+01	24.81	.289
1.9300E+01	504.13	.174	1.8114E+01	87.39	.209	1.6966E+01	22.73	.285
1.9274E+01	519.81	.169	1.8089E+01	89.69	.216	1.6942E+01	24.13	.294
1.9247E+01	508.35	.176	1.8064E+01	81.68	.210	1.6918E+01	28.40	.267
1.9221E+01	531.40	.177	1.8038E+01	87.02	.206	1.6893E+01	30.06	.265
1.9195E+01	550.88	.179	1.8013E+01	108.99	.209	1.6869E+01	30.86	.258
1.9169E+01	507.83	.176	1.7988E+01	95.47	.249	1.6844E+01	38.79	.250
1.9143E+01	480.10	.176	1.7962E+01	94.96	.220	1.6820E+01	45.45	.236
1.9117E+01	453.42	.178	1.7937E+01	90.42	.204	1.6795E+01	51.24	.236
1.9091E+01	469.55	.178	1.7912E+01	77.05	.218	1.6771E+01	57.30	.237
1.9065E+01	409.20	.180	1.7887E+01	77.62	.217	1.6746E+01	54.56	.244
1.9039E+01	378.88	.178	1.7862E+01	68.26	.224	1.6722E+01	66.78	.228
1.9013E+01	322.07	.179	1.7836E+01	63.83	.218	1.6698E+01	62.78	.236
1.8987E+01	308.50	.185	1.7811E+01	65.17	.236	1.6673E+01	72.66	.226
1.8961E+01	260.75	.184	1.7786E+01	64.29	.257	1.6649E+01	71.55	.232
1.8935E+01	214.55	.231	1.7761E+01	48.72	.242	1.6625E+01	68.41	.228
1.8909E+01	205.63	.202	1.7736E+01	63.51	.283	1.6600E+01	71.31	.254
1.8883E+01	195.40	.284	1.7711E+01	55.10	.262	1.6576E+01	74.84	.247
1.8857E+01	176.43	.186	1.7686E+01	41.83	.275	1.6552E+01	76.34	.274
1.8832E+01	147.71	.258	1.7661E+01	28.24	.273	1.6528E+01	72.41	.253
1.8806E+01	127.65	.269	1.7636E+01	29.75	.257	1.6504E+01	59.04	.277
1.8780E+01	114.02	.236	1.7611E+01	32.28	.244	1.6479E+01	54.18	.272
1.8754E+01	99.27	.194	1.7586E+01	26.08	.262	1.6455E+01	42.94	.280
1.8728E+01	104.79	.190	1.7561E+01	22.03	.313	1.6431E+01	39.33	.302
1.8702E+01	92.29	.213	1.7536E+01	22.38	.311	1.6407E+01	39.93	.290
1.8677E+01	80.23	.199	1.7511E+01	20.36	.301	1.6383E+01	43.31	.289

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.6359E+01	48.91	.277	1.5269E+01	68.46	.237	1.4217E+01	91.56	.322
1.6335E+01	39.42	.297	1.5246E+01	59.41	.287	1.4195E+01	104.28	.288
1.6310E+01	36.30	.287	1.5223E+01	48.94	.293	1.4172E+01	88.63	.279
1.6286E+01	35.44	.377	1.5199E+01	49.77	.271	1.4150E+01	77.96	.289
1.6262E+01	29.29	.309	1.5176E+01	42.65	.296	1.4127E+01	105.97	.276
1.6238E+01	37.00	.293	1.5153E+01	44.34	.277	1.4105E+01	110.31	.286
1.6214E+01	40.10	.299	1.5130E+01	40.68	.293	1.4083E+01	119.51	.284
1.6190E+01	40.19	.278	1.5106E+01	34.64	.328	1.4060E+01	118.05	.295
1.6166E+01	49.87	.266	1.5083E+01	35.06	.337	1.4038E+01	120.38	.304
1.6142E+01	64.53	.285	1.5060E+01	32.55	.313	1.4016E+01	126.52	.289
1.6119E+01	60.10	.267	1.5037E+01	29.29	.318	1.3993E+01	124.81	.288
1.6095E+01	63.80	.301	1.5014E+01	27.62	.356	1.3971E+01	124.29	.290
1.6071E+01	74.77	.272	1.4991E+01	29.19	.345	1.3949E+01	125.20	.291
1.6047E+01	72.95	.267	1.4968E+01	25.59	.361	1.3927E+01	123.81	.311
1.6023E+01	63.54	.257	1.4945E+01	27.54	.347	1.3905E+01	136.85	.285
1.5999E+01	54.78	.292	1.4922E+01	31.38	.365	1.3882E+01	123.26	.314
1.5975E+01	62.57	.322	1.4899E+01	33.24	.382	1.3860E+01	118.15	.293
1.5952E+01	56.02	.263	1.4876E+01	27.87	.430	1.3838E+01	134.02	.287
1.5928E+01	58.55	.264	1.4853E+01	29.43	.404	1.3816E+01	105.01	.291
1.5904E+01	52.66	.284	1.4830E+01	28.59	.355	1.3794E+01	129.00	.287
1.5880E+01	49.51	.273	1.4807E+01	31.66	.400	1.3772E+01	139.75	.278
1.5856E+01	44.93	.274	1.4784E+01	26.25	.353	1.3750E+01	121.01	.298
1.5833E+01	39.40	.277	1.4761E+01	31.87	.322	1.3728E+01	100.95	.294
1.5809E+01	42.32	.272	1.4738E+01	31.01	.324	1.3705E+01	97.19	.294
1.5785E+01	39.67	.290	1.4716E+01	29.08	.335	1.3683E+01	83.68	.295
1.5762E+01	36.22	.303	1.4693E+01	34.71	.328	1.3661E+01	101.64	.301
1.5738E+01	32.74	.348	1.4670E+01	38.58	.310	1.3639E+01	83.82	.305
1.5714E+01	26.91	.343	1.4647E+01	33.90	.342	1.3617E+01	78.71	.310
1.5691E+01	22.68	.319	1.4624E+01	41.16	.347	1.3595E+01	71.97	.306
1.5667E+01	22.14	.344	1.4601E+01	41.16	.317	1.3574E+01	77.72	.299
1.5644E+01	26.06	.354	1.4579E+01	39.87	.304	1.3551E+01	59.30	.360
1.5620E+01	28.47	.318	1.4556E+01	51.91	.290	1.3530E+01	67.66	.375
1.5597E+01	27.24	.319	1.4533E+01	46.20	.297	1.3508E+01	65.06	.376
1.5573E+01	37.54	.305	1.4511E+01	53.98	.299	1.3486E+01	67.16	.359
1.5550E+01	30.41	.297	1.4488E+01	54.51	.296	1.3464E+01	68.41	.350
1.5526E+01	39.08	.276	1.4465E+01	61.02	.298	1.3442E+01	62.71	.375
1.5503E+01	44.35	.272	1.4443E+01	62.56	.302	1.3420E+01	59.41	.396
1.5479E+01	50.11	.280	1.4420E+01	59.83	.314	1.3399E+01	58.16	.394
1.5456E+01	61.31	.258	1.4397E+01	53.39	.331	1.3377E+01	59.45	.430
1.5432E+01	61.85	.258	1.4375E+01	62.84	.300	1.3355E+01	55.69	.394
1.5409E+01	68.58	.266	1.4352E+01	62.72	.287	1.3333E+01	54.98	.359
1.5386E+01	64.67	.256	1.4330E+01	66.45	.275	1.3312E+01	60.82	.390
1.5362E+01	72.20	.295	1.4307E+01	69.55	.289	1.3290E+01	72.07	.352
1.5339E+01	66.22	.267	1.4285E+01	79.27	.273	1.3268E+01	52.82	.430
1.5316E+01	67.23	.255	1.4262E+01	84.21	.274	1.3246E+01	51.72	.418
1.5292E+01	77.56	.249	1.4240E+01	83.24	.318	1.3225E+01	78.75	.651

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.32C3E+01	45.44	.433	1.2227E+01	253.95	.314	1.1288E+01	37.82	.428
1.3181E+01	54.65	.468	1.2206E+01	217.09	.328	1.1268E+01	43.84	.453
1.316CE+01	73.6C	.814	1.2185E+01	206.17	.330	1.1248E+01	47.13	.465
1.3138E+01	38.90	.492	1.2164E+01	168.29	.322	1.1228E+01	36.19	.450
1.3117E+01	88.19	.840	1.2144E+01	137.30	.325	1.1208E+01	35.63	.473
1.3C95E+01	47.53	.478	1.2123E+01	120.04	.328	1.1188E+01	35.00	.418
1.3C74E+01	47.20	.505	1.2102E+01	88.92	.360	1.1168E+01	35.97	.418
1.3C52E+01	43.77	.495	1.2081E+01	96.06	.334	1.1148E+01	39.29	.476
1.3C31E+01	47.37	.481	1.2061E+01	84.04	.354	1.1128E+01	35.18	.558
1.3C09E+01	48.85	.430	1.2040E+01	73.33	.344	1.1109E+01	38.46	.512
1.2988E+01	55.48	.404	1.2019E+01	64.51	.347	1.1089E+01	40.46	.513
1.2966E+01	51.65	.400	1.1999E+01	64.68	.342	1.1069E+01	40.34	.521
1.2945E+01	54.59	.477	1.1978E+01	67.49	.329	1.1049E+01	39.37	.465
1.2923E+01	56.63	.414	1.1957E+01	59.66	.354	1.1029E+01	36.44	.468
1.29C2E+01	56.51	.396	1.1937E+01	45.47	.415	1.1010E+01	35.24	.499
1.288CE+01	63.21	.398	1.1916E+01	43.88	.407	1.0990E+01	30.93	.499
1.2859E+01	65.29	.373	1.1896E+01	44.03	.414	1.0970E+01	36.68	.490
1.2838E+01	54.96	.395	1.1875E+01	47.96	.383	1.0950E+01	32.97	.521
1.2817E+01	56.57	.386	1.1855E+01	51.62	.354	1.0931E+01	34.97	.484
1.2795E+01	51.59	.477	1.1834E+01	47.88	.390	1.0911E+01	39.39	.418
1.2774E+01	55.26	.398	1.1814E+01	45.99	.393	1.0891E+01	32.88	.470
1.2753E+01	54.09	.422	1.1793E+01	43.36	.386	1.0872E+01	35.63	.424
1.2731E+01	55.12	.436	1.1773E+01	56.74	.361	1.0852E+01	30.64	.489
1.271CE+01	49.94	.448	1.1752E+01	64.97	.359	1.0833E+01	37.91	.479
1.2689E+01	52.50	.435	1.1732E+01	62.46	.399	1.0813E+01	30.78	.5C2
1.2668E+01	53.67	.411	1.1712E+01	60.35	.366	1.0793E+01	37.46	.471
1.2647E+01	62.83	.401	1.1691E+01	79.14	.349	1.0774E+01	31.75	.470
1.2625E+01	68.11	.381	1.1671E+01	81.67	.359	1.0754E+01	33.89	.494
1.26C4E+01	70.64	.375	1.1651E+01	95.45	.341	1.0735E+01	32.58	.448
1.2583E+01	97.54	.354	1.1630E+01	108.90	.347	1.0715E+01	31.98	.5C1
1.2562E+01	127.42	.330	1.1610E+01	98.93	.347	1.0696E+01	34.05	.472
1.2541E+01	149.73	.333	1.1590E+01	87.87	.339	1.0676E+01	25.97	.475
1.252CE+01	212.45	.334	1.1570E+01	83.05	.339	1.0657E+01	33.83	.5C4
1.2499E+01	253.52	.315	1.1549E+01	82.42	.349	1.0638E+01	33.96	.458
1.2478E+01	288.64	.311	1.1529E+01	78.96	.347	1.0618E+01	32.92	.456
1.2457E+01	336.33	.315	1.1509E+01	63.85	.350	1.0599E+01	34.36	.457
1.2436E+01	361.88	.312	1.1489E+01	55.69	.366	1.0579E+01	32.60	.461
1.2415E+01	42C.92	.308	1.1469E+01	48.77	.370	1.0560E+01	31.87	.458
1.2394E+01	442.74	.306	1.1448E+01	47.91	.393	1.0541E+01	35.20	.468
1.2373E+01	454.4C	.307	1.1428E+01	43.27	.388	1.0521E+01	33.74	.420
1.2352E+01	472.41	.303	1.1408E+01	53.72	.363	1.0502E+01	32.89	.473
1.2331E+01	410.2C	.309	1.1388E+01	43.53	.390	1.0483E+01	36.62	.511
1.231CE+01	398.61	.310	1.1368E+01	35.21	.410	1.0464E+01	36.59	.466
1.2289E+01	377.2C	.314	1.1348E+01	35.86	.403	1.0444E+01	37.85	.447
1.2268E+01	357.37	.312	1.1328E+01	38.46	.463	1.0425E+01	36.98	.461
1.2248E+01	269.79	.325	1.1308E+01	48.25	.393	1.0406E+01	36.49	.437

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.C387E+01	52.23	.424	1.0253E+01	66.16	.435	1.0120E+01	67.43	.416
1.C368E+01	38.09	.442	1.0234E+01	56.22	.445	1.0101E+01	59.81	.416
1.C348E+01	43.20	.442	1.0215E+01	62.71	.422	1.0082E+01	56.52	.435
1.C329E+01	46.54	.424	1.0196E+01	65.46	.408	1.0063E+01	47.20	.456
1.C31CE+01	52.42	.412	1.0177E+01	68.51	.407	1.0044E+01	58.09	.431
1.C291E+01	54.03	.423	1.0158E+01	68.03	.421	1.0026E+01	50.82	.470
1.C272E+01	54.57	.446	1.0139E+01	61.72	.429	1.0007E+01	41.26	.528

TABLE V

INTEGRATED FISSION CROSS SECTION OF ^{235}U

E (eV)	ORNL-RPI $\int\sigma dE$ (barn-eV)	PMRD $\int\sigma dE$ (barn-eV)	PMRD/ORNL ratio
10^4			
5000	17654	17434	0.988
4000	4638	4381	0.945
3000	5159	4849	0.940
2000	5656	5558	0.983
1000	7552	7880	1.043
300	8099.1	9343	1.154
200	2076.5	2378	1.145
113	1874.8	2224	1.186
100	214.7	245.5	1.143
73	662.1	752.7	1.137
60	305.1	342.0	1.121
41	923.5	994.4	1.077
33	498.4	482.5	0.968

V. ^{236}U: J. D. Cramer and D. W. Bergen[10]

In Fig. 10, the average of two readings of the 55° signal and the average of two readings of the 90° signal are plotted as points with the overall average indicated by a line. Figure 11 shows a similar average of the low-resolution recordings. The 55° result above threshold appears to be greater than the 90° result by about nine times the calculated standard deviation of ±4.0% for the systematic difference of the two recordings. Neither amplifier showed base line shift or other instability that could account for such a discrepancy (about 50 μm on the film). The average data and standard deviations are given in Table VI. The correlated errors are included in δσ/σ, and are ±6.1% above 100 keV and ±4.8% below 2 keV. Note that no correction has been made for the 0.15% ^{235}U content of the target, nor for the γ-ray sensitivity of the fission detectors; thus, no structure can be unequivocally identified as fission.

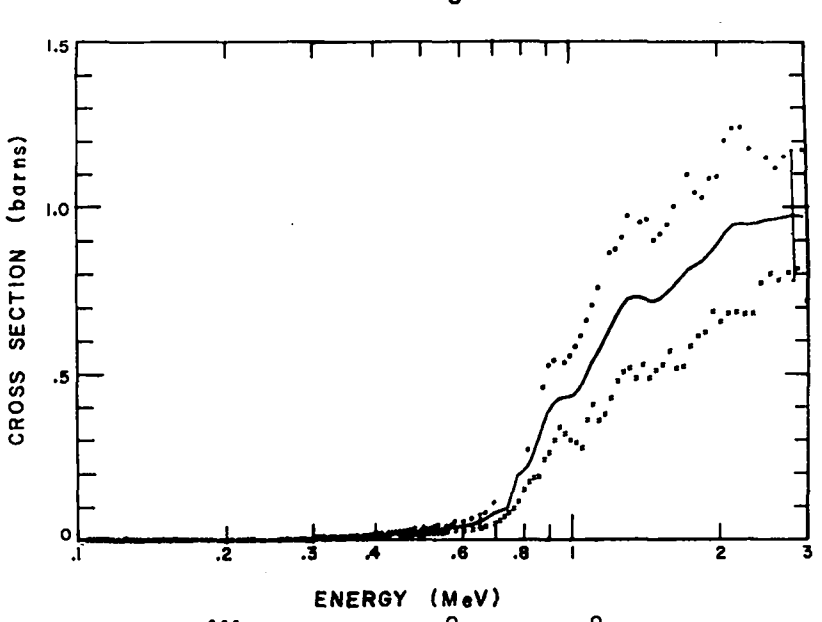

Fig. 10. Fission cross section of ^{236}U. Average of 55° (*) and 90° (x) data. Cause of discrepancy unknown.

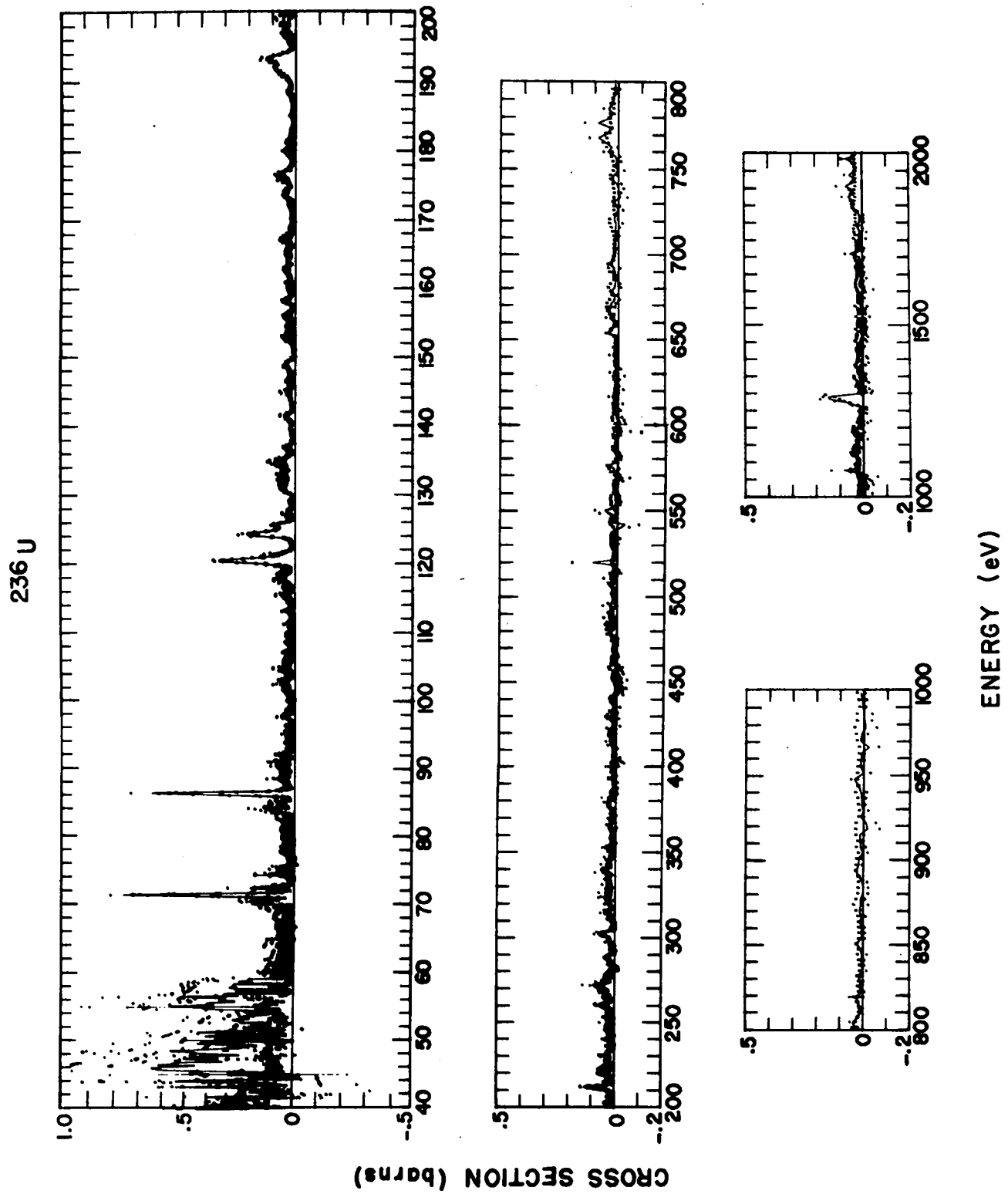

Fig. 11. Fission cross section of ^{236}U. Average of 55° (*) and 90° (x) data. Not corrected for γ-ray sensitivity of detectors.

TABLE VI

FISSION CROSS SECTION OF ^{236}U (J. D. CRAMER AND D. W. BERGEN[10])

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.9349E+06	.971	.228	7.7356E+05	.190	.424	3.5004E+05	.009	.299
2.8097E+06	.975	.202	7.5634E+05	.146	.393	3.4478E+05	.008	.282
2.6923E+06	.970	.191	7.3970E+05	.093	.209	3.3962E+05	.008	.283
2.5821E+06	.963	.192	7.2359E+05	.087	.286	3.3459E+05	.008	.262
2.4786E+06	.960	.204	7.0801E+05	.082	.351	3.2966E+05	.008	.218
2.3811E+06	.953	.234	6.9293E+05	.076	.388	3.2485E+05	.008	.207
2.2893E+06	.947	.268	6.7832E+05	.068	.391	3.2014E+05	.008	.279
2.2027E+06	.950	.287	6.6417E+05	.059	.382	3.1552E+05	.007	.391
2.1209E+06	.945	.288	6.5046E+05	.054	.377	3.1101E+05	.007	.464
2.0436E+06	.922	.276	6.3717E+05	.049	.366	3.0660E+05	.006	.505
1.9704E+06	.890	.259	6.2428E+05	.045	.361	3.0228E+05	.005	.527
1.9011E+06	.862	.252	6.1178E+05	.042	.361	2.9805E+05	.004	.504
1.8354E+06	.839	.261	5.9965E+05	.040	.357	2.9390E+05	.004	.451
1.7731E+06	.825	.285	5.8788E+05	.040	.346	2.8984E+05	.005	.350
1.7139E+06	.811	.313	5.7645E+05	.038	.328	2.8587E+05	.006	.227
1.6575E+06	.786	.323	5.6535E+05	.035	.308	2.8198E+05	.006	.232
1.6040E+06	.762	.305	5.5457E+05	.033	.311	2.7817E+05	.006	.221
1.5529E+06	.744	.285	5.4409E+05	.032	.335	2.7443E+05	.005	.258
1.5043E+06	.725	.285	5.3391E+05	.031	.343	2.7077E+05	.005	.325
1.4579E+06	.717	.298	5.2401E+05	.029	.329	2.6718E+05	.005	.394
1.4137E+06	.723	.310	5.1439E+05	.027	.321	2.6366E+05	.005	.422
1.3714E+06	.730	.315	5.0502E+05	.025	.343	2.6021E+05	.005	.406
1.3310E+06	.730	.317	4.9591E+05	.024	.386	2.5683E+05	.004	.346
1.2923E+06	.722	.313	4.8705E+05	.023	.414	2.5351E+05	.004	.352
1.2553E+06	.699	.310	4.7842E+05	.023	.422	2.5026E+05	.003	.439
1.2199E+06	.666	.324	4.7002E+05	.021	.419	2.4707E+05	.003	.487
1.1860E+06	.630	.348	4.6183E+05	.020	.391	2.4394E+05	.003	.504
1.1534E+06	.593	.355	4.5386E+05	.020	.353	2.4087E+05	.003	.585
1.1222E+06	.563	.336	4.4610E+05	.019	.325	2.3785E+05	.003	.458
1.0922E+06	.534	.319	4.3853E+05	.018	.296	2.3490E+05	.003	.437
1.0634E+06	.494	.332	4.3115E+05	.018	.275	2.3200E+05	.003	.412
1.0357E+06	.457	.349	4.2396E+05	.017	.292	2.2915E+05	.004	.358
1.0091E+06	.438	.333	4.1694E+05	.016	.335	2.2635E+05	.004	.303
9.8356E+05	.431	.297	4.1010E+05	.015	.338	2.2361E+05	.004	.275
9.5893E+05	.429	.270	4.0342E+05	.014	.255	2.2091E+05	.004	.278
9.3522E+05	.424	.273	3.9691E+05	.014	.195	2.1826E+05	.004	.311
9.1237E+05	.407	.304	3.9055E+05	.012	.257	2.1566E+05	.003	.361
8.9036E+05	.379	.335	3.8435E+05	.011	.358	2.1311E+05	.003	.430
8.6912E+05	.342	.355	3.7829E+05	.010	.390	2.1060E+05	.003	.521
8.4864E+05	.295	.344	3.7237E+05	.010	.369	2.0813E+05	.003	.529
8.2888E+05	.249	.292	3.6660E+05	.009	.340	2.0571E+05	.002	.620
8.0980E+05	.219	.277	3.6095E+05	.009	.326	2.0333E+05	.002	.625
7.9137E+05	.203	.335	3.5543E+05	.009	.321	2.0099E+05	.002	.602

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.9870E+05	.003	.633	1.2441E+05	.003	.727	1.7835E+03	.013	1.423
1.9644E+05	.003	.628	1.2328E+05	.C02	.815	1.7738E+03	.005	4.928
1.9421E+05	.003	.649	1.2218E+05	.C02	1.025	1.7643E+03	.014	1.183
1.9203E+05	.002	.752	1.2109E+05	.C02	1.168	1.7548E+03	.007	3.593
1.8988E+05	.003	.761	1.2001E+05	.002	1.153	1.7454E+03	.017	1.064
1.8777E+05	.003	.772	1.1895E+05	.C02	.950	1.7360E+03	.013	1.261
1.8570E+05	.003	.671	1.1790E+05	.C02	.947	1.7267E+03	.005	4.929
1.8365E+05	.003	.655	1.1686E+05	.002	.828	1.7176E+03	.007	2.267
1.8165E+05	.003	.693	1.1584E+05	.C02	.699	1.7084E+03	.048	2.192
1.7967E+05	.003	.707	1.1484E+05	.C02	.626	1.6994E+03	.008	2.450
1.7773E+05	.003	.758	1.1384E+05	.C02	.632	1.6904E+03	.009	1.799
1.7581E+05	.003	.723	1.1286E+05	.C02	.755	1.6815E+03	.010	1.659
1.7393E+05	.003	.713	1.1189E+05	.C02	.884	1.6727E+03	.008	2.356
1.7208E+05	.003	.719	1.1093E+05	.C01	1.119	1.6639E+03	.010	2.804
1.7026E+05	.002	.710	1.0999E+05	.C01	.957	1.6552E+03	.002	11.492
1.6847E+05	.002	.657	1.0906E+05	.002	.943	1.6466E+03	.004	3.963
1.6670E+05	.002	.677	1.0814E+05	.C02	.960	1.6380E+03	-.001	26.990
1.6496E+05	.003	.666	1.0723E+05	.C02	1.013	1.6295E+03	.007	2.226
1.6325E+05	.003	.658	1.0633E+05	.C02	1.073	1.6211E+03	.010	3.277
1.6157E+05	.003	.691	1.0544E+05	.C02	1.157	1.6127E+03	.006	2.901
1.5991E+05	.003	.605	1.0457E+05	.C02	1.405	1.6044E+03	-.015	2.256
1.5828E+05	.003	.528	1.0370E+05	.C01	1.403	1.5962E+03	.000	77.319
1.5667E+05	.003	.451	1.0285E+05	.C01	1.532	1.5880E+03	.008	3.000
1.5509E+05	.003	.460	1.0200E+05	.C02	1.283	1.5799E+03	.001	12.667
1.5353E+05	.003	.555	1.0117E+05	.C02	.869	1.5719E+03	.006	2.720
1.5199E+05	.003	.674	1.0035E+05	.C02	.615	1.5639E+03	.007	3.637
1.5048E+05	.003	.687	1.9943E+03	.C33	.508	1.5560E+03	.002	12.244
1.4899E+05	.003	.725	1.9829E+03	.C61	.490	1.5481E+03	.000	999.000
1.4752E+05	.002	.824	1.9716E+03	.C34	.767	1.5403E+03	-.001	20.727
1.4607E+05	.002	.852	1.9603E+03	.C27	.985	1.5326E+03	-.001	16.718
1.4465E+05	.002	.803	1.9492E+03	.C28	.742	1.5249E+03	-.003	8.327
1.4324E+05	.002	.847	1.9382E+03	.C52	.499	1.5172E+03	-.000	40.180
1.4186E+05	.002	.908	1.9273E+03	.C31	.755	1.5097E+03	-.001	25.503
1.4049E+05	.002	.819	1.9164E+03	.C35	.699	1.5022E+03	.003	5.935
1.3915E+05	.002	.886	1.9057E+03	.C67	.604	1.4947E+03	-.002	8.582
1.3782E+05	.003	.907	1.8950E+03	.C41	.785	1.4873E+03	.005	5.090
1.3651E+05	.002	.801	1.8845E+03	.039	.761	1.4799E+03	.000	71.234
1.3523E+05	.002	.868	1.8740E+03	.C56	.507	1.4726E+03	.002	8.421
1.3395E+05	.002	.996	1.8636E+03	.C38	.606	1.4654E+03	-.001	21.388
1.3270E+05	.002	.966	1.8533E+03	.C37	.802	1.4582E+03	.005	3.417
1.3147E+05	.002	.924	1.8431E+03	.C37	.702	1.4511E+03	.004	6.555
1.3025E+05	.002	.847	1.8329E+03	.C21	1.499	1.4440E+03	.010	1.601
1.2905E+05	.002	.768	1.8229E+03	.C09	2.023	1.4369E+03	.003	6.559
1.2786E+05	.002	.753	1.8129E+03	.C08	2.805	1.4300E+03	.011	2.283
1.2670E+05	.002	.640	1.8030E+03	.C08	2.239	1.4230E+03	.019	.942
1.2554E+05	.003	.639	1.7932E+03	.C19	1.344	1.4162E+03	.008	2.188

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.4093E+03	.000	173.381	1.1417E+03	.023	1.185	9.4360E+02	.019	1.119
1.4026E+03	-.003	13.315	1.1367E+03	.038	.550	9.3988E+02	.008	3.807
1.3958E+03	.009	1.785	1.1318E+03	.029	.636	9.3619E+02	.005	3.580
1.3891E+03	-.001	24.097	1.1269E+03	.035	.536	9.3252E+02	.004	6.781
1.3825E+03	.008	3.577	1.1221E+03	.037	.605	9.2886E+02	-.003	6.833
1.3759E+03	.016	1.209	1.1172E+03	.039	.773	9.2523E+02	.007	3.458
1.3694E+03	.008	2.227	1.1125E+03	.024	.792	9.2162E+02	-.013	3.147
1.3629E+03	.008	2.353	1.1077E+03	.020	1.483	9.1804E+02	-.021	2.453
1.3564E+03	-.000	116.943	1.1030E+03	.019	.950	9.1447E+02	.012	1.773
1.3500E+03	.014	1.618	1.0983E+03	.021	1.441	9.1092E+02	.009	3.794
1.3437E+03	.010	2.441	1.0936E+03	.026	.722	9.0740E+02	.008	2.763
1.3373E+03	.005	3.972	1.0890E+03	.023	.796	9.0389E+02	-.001	15.248
1.3311E+03	-.005	4.681	1.0844E+03	.027	1.049	9.0041E+02	.016	1.893
1.3249E+03	.020	.989	1.0798E+03	.037	.573	8.9694E+02	.016	1.240
1.3187E+03	.008	2.631	1.0752E+03	.082	.860	8.9350E+02	.028	.772
1.3125E+03	-.007	2.948	1.0707E+03	.038	.567	8.9007E+02	.015	1.426
1.3064E+03	-.016	1.658	1.0662E+03	.015	3.032	8.8667E+02	-.000	62.973
1.3004E+03	-.010	2.466	1.0618E+03	.003	6.843	8.8328E+02	-.003	12.105
1.2944E+03	.079	.971	1.0573E+03	-.019	2.206	8.7991E+02	-.001	19.738
1.2884E+03	.143	.255	1.0529E+03	.004	4.569	8.7657E+02	.009	3.913
1.2825E+03	.139	.306	1.0486E+03	-.004	5.587	8.7324E+02	.006	4.929
1.2766E+03	.098	.276	1.0442E+03	-.009	3.339	8.6993E+02	.013	1.615
1.2707E+03	.055	.520	1.0399E+03	.003	7.044	8.6664E+02	.003	5.716
1.2649E+03	.034	.571	1.0356E+03	-.012	2.554	8.6337E+02	.009	3.677
1.2592E+03	-.006	4.220	1.0313E+03	.001	19.441	8.6011E+02	.004	5.055
1.2534E+03	-.003	5.671	1.0271E+03	.000	92.847	8.5688E+02	.003	6.672
1.2478E+03	.007	2.462	1.0228E+03	.000	48.080	8.5366E+02	.004	5.104
1.2421E+03	-.003	9.749	1.0186E+03	.008	5.936	8.5046E+02	.025	1.290
1.2365E+03	.006	5.906	1.0145E+03	.009	2.679	8.4728E+02	.009	3.575
1.2309E+03	.007	6.458	1.0103E+03	-.008	3.671	8.4412E+02	.002	13.342
1.2254E+03	.017	1.735	1.0062E+03	.008	3.827	8.4097E+02	.005	4.135
1.2199E+03	-.008	3.169	1.0021E+03	.009	2.257	8.3784E+02	.004	8.688
1.2144E+03	.003	8.373	9.9804E+02	.013	2.983	8.3473E+02	-.001	35.370
1.2090E+03	.005	3.504	9.9400E+02	.005	3.565	8.3164E+02	.017	1.316
1.2036E+03	.021	.873	9.8998E+02	.004	4.450	8.2856E+02	.008	2.647
1.1983E+03	.023	.964	9.8599E+02	-.003	10.101	8.2551E+02	.013	2.556
1.1929E+03	.031	.934	9.8202E+02	-.003	9.224	8.2246E+02	.005	4.140
1.1877E+03	.019	1.372	9.7807E+02	-.009	5.173	8.1944E+02	.026	1.308
1.1824E+03	.023	.832	9.7415E+02	.007	3.450	8.1643E+02	.022	1.458
1.1772E+03	.028	.695	9.7025E+02	.014	1.439	8.1344E+02	.013	1.617
1.1720E+03	.016	1.135	9.6637E+02	-.024	1.728	8.1046E+02	.012	1.781
1.1669E+03	.001	15.466	9.6252E+02	.007	2.913	8.0750E+02	.021	1.028
1.1618E+03	.028	.733	9.5869E+02	.009	2.209	8.0456E+02	.043	.822
1.1567E+03	.022	.857	9.5489E+02	.013	2.311	8.0163E+02	.034	.937
1.1517E+03	.025	.749	9.5110E+02	-.003	8.366	7.9872E+02	.016	1.548
1.1466E+03	.028	.683	9.4734E+02	.038	1.072	7.9583E+02	.011	1.845

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
7.9295E+02	.015	1.930	6.7569E+02	.014	1.523	5.8265E+02	.004	5.756
7.9008E+02	.024	1.192	6.7344E+02	.015	1.406	5.8084E+02	-.003	11.374
7.8723E+02	.024	1.102	6.7120E+02	.029	.804	5.7905E+02	.000	96.890
7.8440E+02	.042	.789	6.6897E+02	.030	.736	5.7726E+02	.012	1.915
7.8158E+02	.028	1.274	6.6675E+02	.043	.794	5.7548E+02	.042	.603
7.7878E+02	.038	1.019	6.6454E+02	.026	.828	5.7371E+02	.019	1.720
7.7599E+02	.088	.629	6.6234E+02	.036	.810	5.7195E+02	.019	1.096
7.7322E+02	.029	1.128	6.6015E+02	.013	1.523	5.7019E+02	.005	4.001
7.7046E+02	.046	.983	6.5798E+02	.012	1.655	5.6844E+02	-.019	1.919
7.6772E+02	.086	.431	6.5581E+02	.030	.756	5.6671E+02	-.001	24.332
7.6499E+02	.054	.726	6.5366E+02	.044	.848	5.6497E+02	.012	2.466
7.6228E+02	.026	.918	6.5151E+02	.010	1.948	5.6325E+02	.015	1.274
7.5958E+02	.045	.858	6.4938E+02	.008	2.496	5.6154E+02	.013	2.174
7.5689E+02	.011	2.315	6.4726E+02	.009	2.166	5.5983E+02	.011	1.791
7.5422E+02	.005	3.787	6.4514E+02	.012	1.717	5.5813E+02	.012	2.608
7.5156E+02	.015	2.333	6.4304E+02	.007	3.067	5.5644E+02	.014	1.485
7.4892E+02	-.002	12.596	6.4095E+02	.024	1.282	5.5475E+02	.009	2.318
7.4629E+02	.018	1.758	6.3887E+02	.008	2.481	5.5308E+02	.011	2.692
7.4368E+02	.027	2.086	6.3680E+02	.011	1.935	5.5141E+02	.015	1.505
7.4108E+02	.004	4.494	6.3474E+02	.013	2.348	5.4975E+02	.054	1.188
7.3849E+02	-.003	7.293	6.3268E+02	-.001	17.807	5.4809E+02	.041	.934
7.3591E+02	.002	10.337	6.3064E+02	.022	1.386	5.4644E+02	.017	1.168
7.3335E+02	-.012	2.436	6.2861E+02	-.002	10.348	5.4481E+02	.023	.802
7.3080E+02	.021	1.440	6.2659E+02	.007	2.790	5.4317E+02	.030	.771
7.2827E+02	.005	3.817	6.2458E+02	.008	2.537	5.4155E+02	-.029	2.025
7.2575E+02	-.001	16.526	6.2257E+02	.004	7.067	5.3993E+02	-.013	2.533
7.2324E+02	.013	2.405	6.2058E+02	-.003	9.198	5.3832E+02	.011	2.089
7.2075E+02	.018	1.205	6.1860E+02	.007	2.991	5.3672E+02	.018	1.762
7.1826E+02	.008	3.165	6.1662E+02	.028	1.218	5.3512E+02	.015	1.282
7.1579E+02	.011	2.207	6.1466E+02	.009	2.289	5.3354E+02	.009	3.312
7.1334E+02	.012	1.773	6.1270E+02	.003	10.758	5.3196E+02	.015	1.322
7.1089E+02	.007	3.012	6.1076E+02	.013	1.680	5.3038E+02	.013	2.236
7.0846E+02	.012	1.803	6.0882E+02	.005	4.248	5.2881E+02	.018	1.132
7.0604E+02	.014	2.102	6.0689E+02	.013	2.468	5.2725E+02	.018	1.572
7.0364E+02	.012	1.802	6.0497E+02	.006	3.195	5.2570E+02	.012	1.625
7.0124E+02	.013	2.433	6.0307E+02	.001	34.223	5.2415E+02	.011	2.598
6.9886E+02	.017	1.571	6.0117E+02	-.008	4.639	5.2261E+02	.016	1.729
6.9649E+02	.021	1.384	5.9927E+02	.006	3.396	5.2108E+02	.012	1.679
6.9413E+02	.037	.856	5.9739E+02	.009	1.983	5.1955E+02	.107	1.434
6.9179E+02	.016	2.763	5.9552E+02	-.016	2.090	5.1803E+02	.016	1.229
6.8945E+02	.025	1.260	5.9365E+02	.010	2.130	5.1652E+02	.011	2.280
6.8713E+02	.011	2.017	5.9180E+02	.014	1.641	5.1501E+02	.004	5.152
6.8482E+02	.010	3.146	5.8995E+02	.010	3.416	5.1351E+02	.008	3.444
6.8252E+02	.012	1.957	5.8811E+02	.013	1.561	5.1202E+02	.020	.989
6.8023E+02	.014	1.791	5.8628E+02	.017	1.224	5.1053E+02	.033	.863
6.7796E+02	.029	1.217	5.8446E+02	.022	1.397	5.0906E+02	.016	1.160

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
5.0758E+02	.026	.713	4.4614E+02	-.019	1.359	3.9522E+02	.006	2.434
5.0611E+02	.030	.958	4.4493E+02	-.012	2.243	3.9421E+02	.002	13.962
5.0465E+02	.013	1.469	4.4373E+02	-.011	1.498	3.9320E+02	.020	.857
5.0320E+02	.016	1.994	4.4253E+02	-.008	2.184	3.9220E+02	.021	.732
5.0175E+02	.016	2.017	4.4133E+02	.014	2.156	3.9121E+02	.004	5.104
5.0031E+02	.015	1.209	4.4014E+02	.020	1.060	3.9021E+02	.001	17.376
4.9887E+02	.011	2.508	4.3896E+02	.020	1.318	3.8922E+02	.005	4.757
4.9744E+02	.016	1.175	4.3778E+02	.016	1.583	3.8824E+02	.004	3.426
4.9602E+02	.023	.763	4.3660E+02	.013	1.383	3.8726E+02	-.003	9.101
4.9460E+02	.033	.919	4.3543E+02	-.003	7.534	3.8628E+02	.002	6.038
4.9319E+02	.019	1.043	4.3426E+02	.009	1.907	3.8530E+02	.017	.706
4.9178E+02	.022	1.225	4.3310E+02	.021	1.754	3.8433E+02	.006	2.584
4.9038E+02	.030	.880	4.3195E+02	.008	2.222	3.8337E+02	.004	4.933
4.8899E+02	.026	.739	4.3079E+02	.018	1.401	3.8240E+02	.016	3.849
4.8760E+02	.036	.747	4.2965E+02	.027	.681	3.8144E+02	.034	2.614
4.8622E+02	.021	1.219	4.2850E+02	.014	1.915	3.8049E+02	.015	2.171
4.8484E+02	.029	.650	4.2736E+02	.013	1.969	3.7953E+02	.016	.981
4.8347E+02	.032	.856	4.2623E+02	.007	2.392	3.7858E+02	.039	.621
4.8211E+02	.026	.712	4.2510E+02	.011	1.514	3.7764E+02	.027	.817
4.8075E+02	.032	.991	4.2398E+02	-.001	20.593	3.7670E+02	.030	.762
4.7940E+02	.028	.759	4.2286E+02	.024	1.116	3.7576E+02	.025	.841
4.7805E+02	.036	.746	4.2174E+02	.019	.856	3.7483E+02	.009	1.578
4.7671E+02	.013	1.445	4.2063E+02	.023	.766	3.7389E+02	.013	1.516
4.7537E+02	.007	2.486	4.1952E+02	.028	.940	3.7297E+02	.007	2.138
4.7405E+02	.010	2.675	4.1842E+02	.024	.951	3.7204E+02	.016	1.225
4.7272E+02	.006	3.970	4.1732E+02	.016	1.006	3.7112E+02	.004	3.338
4.7140E+02	.004	4.397	4.1623E+02	.016	1.451	3.7020E+02	.011	1.736
4.7009E+02	.010	1.758	4.1514E+02	.030	.561	3.6929E+02	.022	.891
4.6878E+02	.014	2.526	4.1405E+02	.019	1.332	3.6838E+02	.013	1.104
4.6748E+02	.015	1.273	4.1297E+02	.026	.641	3.6747E+02	.012	1.671
4.6618E+02	.002	11.747	4.1189E+02	.011	1.471	3.6657E+02	.008	1.830
4.6489E+02	.006	4.181	4.1082E+02	.005	4.026	3.6566E+02	.028	.782
4.6360E+02	.011	1.737	4.0975E+02	.011	1.582	3.6477E+02	.018	.928
4.6232E+02	.010	1.745	4.0869E+02	.011	2.193	3.6387E+02	.009	1.767
4.6105E+02	.020	1.371	4.0763E+02	.006	2.463	3.6298E+02	.012	2.308
4.5977E+02	.007	2.363	4.0657E+02	.015	1.737	3.6209E+02	.007	1.972
4.5851E+02	.006	5.023	4.0552E+02	.000	100.617	3.6121E+02	.008	1.780
4.5725E+02	.007	3.660	4.0447E+02	.001	16.198	3.6033E+02	.010	1.382
4.5600E+02	-.005	3.491	4.0343E+02	-.003	8.288	3.5945E+02	.012	1.840
4.5475E+02	-.007	2.774	4.0239E+02	-.005	5.667	3.5858E+02	.009	1.427
4.5350E+02	.004	6.579	4.0135E+02	.005	2.957	3.5770E+02	.012	1.091
4.5226E+02	.001	24.384	4.0032E+02	.014	1.165	3.5684E+02	.014	1.667
4.5103E+02	-.015	2.000	3.9929E+02	.016	1.697	3.5597E+02	.009	2.187
4.4980E+02	-.007	2.447	3.9827E+02	.012	1.369	3.5511E+02	.001	10.470
4.4857E+02	-.003	10.267	3.9725E+02	.010	1.630	3.5425E+02	.014	1.049
4.4735E+02	-.009	1.759	3.9623E+02	.011	1.495	3.5339E+02	.019	.775

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
3.5254E+02	.034	.632	3.1642E+02	.015	.824	2.8558E+02	.014	.667
3.5169E+02	.025	.769	3.1570E+02	.030	.602	2.8497E+02	.021	.687
3.5084E+02	.019	1.626	3.1498E+02	.025	.498	2.8435E+02	.015	.679
3.5000E+02	.016	.946	3.1426E+02	.047	.383	2.8373E+02	.019	.722
3.4916E+02	.013	1.066	3.1355E+02	.028	.442	2.8312E+02	.002	5.868
3.4832E+02	.009	2.936	3.1283E+02	.015	1.139	2.8251E+02	-.004	2.359
3.4749E+02	.016	.995	3.1212E+02	.015	.804	2.8190E+02	-.006	1.848
3.4666E+02	.028	.785	3.1142E+02	.015	1.228	2.8129E+02	-.001	7.817
3.4583E+02	.014	.966	3.1071E+02	.020	.887	2.8068E+02	-.001	11.943
3.4500E+02	.027	.850	3.1001E+02	.012	1.004	2.8008E+02	.002	6.304
3.4418E+02	.023	.629	3.0931E+02	.009	1.199	2.7948E+02	.012	.856
3.4336E+02	.023	.610	3.0861E+02	.000	40.949	2.7888E+02	.023	.693
3.4255E+02	.039	.596	3.0791E+02	.004	4.137	2.7828E+02	.021	.506
3.4173E+02	.020	.681	3.0722E+02	.002	6.483	2.7769E+02	.034	.962
3.4092E+02	.019	.674	3.0653E+02	.001	21.498	2.7709E+02	.017	.750
3.4011E+02	.046	.567	3.0584E+02	.006	1.974	2.7650E+02	.028	.616
3.3931E+02	.049	.434	3.0515E+02	.003	3.867	2.7591E+02	.019	.572
3.3850E+02	.040	.422	3.0447E+02	.006	3.496	2.7532E+02	.032	.441
3.3771E+02	.055	.529	3.0379E+02	.012	.986	2.7473E+02	.034	.421
3.3691E+02	.018	.759	3.0311E+02	.054	.419	2.7415E+02	.038	.742
3.3611E+02	.023	.853	3.0243E+02	.051	.351	2.7357E+02	.048	.654
3.3532E+02	.021	.708	3.0175E+02	.069	.307	2.7299E+02	.039	.521
3.3454E+02	.025	.520	3.0108E+02	.054	.298	2.7241E+02	.055	.272
3.3375E+02	.033	.566	3.0041E+02	.043	.382	2.7183E+02	.092	.465
3.3297E+02	.024	.540	2.9974E+02	.027	.447	2.7125E+02	.082	.258
3.3219E+02	.022	.564	2.9908E+02	.022	.504	2.7068E+02	.072	.184
3.3141E+02	.024	.504	2.9841E+02	.024	.623	2.7011E+02	.057	.207
3.3064E+02	.035	.559	2.9775E+02	.019	.617	2.6954E+02	.051	.296
3.2986E+02	.018	.696	2.9709E+02	.027	.608	2.6897E+02	.060	.259
3.2910E+02	.022	.670	2.9643E+02	.014	.737	2.6841E+02	.039	.355
3.2833E+02	.028	.655	2.9578E+02	.014	1.030	2.6784E+02	.035	.318
3.2757E+02	.014	.912	2.9513E+02	.004	2.380	2.6728E+02	.051	.277
3.2681E+02	.025	.489	2.9448E+02	.009	1.148	2.6672E+02	.041	.315
3.2605E+02	.042	.620	2.9383E+02	.013	.748	2.6616E+02	.029	.456
3.2529E+02	.022	.565	2.9318E+02	.011	1.254	2.6560E+02	.033	.398
3.2454E+02	.026	.484	2.9254E+02	.005	2.051	2.6505E+02	.027	.630
3.2379E+02	.040	.458	2.9189E+02	.003	2.964	2.6449E+02	.035	.362
3.2304E+02	.046	.552	2.9125E+02	.008	1.181	2.6394E+02	.018	.527
3.2229E+02	.030	.491	2.9061E+02	.010	1.018	2.6339E+02	.022	.577
3.2155E+02	.017	1.341	2.8998E+02	.003	6.530	2.6284E+02	.023	.677
3.2081E+02	.021	.600	2.8934E+02	.019	.711	2.6229E+02	.012	.749
3.2007E+02	.020	.581	2.8871E+02	.028	.439	2.6175E+02	.022	.704
3.1934E+02	.030	.649	2.8808E+02	.036	.479	2.6120E+02	.026	.643
3.1861E+02	.016	.784	2.8746E+02	.036	.333	2.6066E+02	.059	.365
3.1788E+02	.014	.809	2.8683E+02	.030	.375	2.6012E+02	.064	.293
3.1715E+02	.011	1.878	2.8621E+02	.017	.627	2.5958E+02	.060	.245

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.5905E+02	.049	.231	2.3604E+02	.007	1.040	2.1597E+02	.022	.317
2.5851E+02	.040	.261	2.3558E+02	.020	.738	2.1556E+02	.020	.325
2.5798E+02	.024	.408	2.3511E+02	.012	1.098	2.1516E+02	.018	.381
2.5744E+02	.025	.518	2.3465E+02	.005	1.610	2.1475E+02	.013	.517
2.5692E+02	.012	.757	2.3419E+02	.010	1.194	2.1435E+02	.027	.630
2.5639E+02	.012	.790	2.3373E+02	.003	2.844	2.1395E+02	.026	.492
2.5586E+02	.010	.925	2.3327E+02	.007	1.027	2.1354E+02	.018	.367
2.5533E+02	.022	.571	2.3281E+02	.017	.627	2.1314E+02	.023	.376
2.5481E+02	.013	.832	2.3235E+02	.018	.539	2.1274E+02	.051	.321
2.5429E+02	.009	.917	2.3190E+02	.027	.491	2.1235E+02	.090	.214
2.5377E+02	.011	.705	2.3145E+02	.025	.358	2.1195E+02	.125	.161
2.5325E+02	.022	.426	2.3099E+02	.024	.371	2.1155E+02	.126	.139
2.5273E+02	.034	.452	2.3054E+02	.045	.460	2.1116E+02	.102	.112
2.5222E+02	.015	.799	2.3010E+02	.043	.323	2.1076E+02	.078	.135
2.5170E+02	.013	.985	2.2965E+02	.041	.416	2.1037E+02	.058	.196
2.5119E+02	.024	.498	2.2920E+02	.025	.291	2.0998E+02	.044	.324
2.5068E+02	.017	.584	2.2875E+02	.020	.387	2.0959E+02	.030	.265
2.5017E+02	.012	.666	2.2831E+02	.027	.326	2.0920E+02	.027	.271
2.4966E+02	.034	1.663	2.2787E+02	.031	.282	2.0881E+02	.022	.305
2.4915E+02	.005	2.274	2.2743E+02	.030	.322	2.0842E+02	.017	.396
2.4865E+02	.004	2.120	2.2698E+02	.031	.408	2.0804E+02	.014	.646
2.4815E+02	.014	.622	2.2655E+02	.024	.347	2.0765E+02	.008	.836
2.4764E+02	.031	.425	2.2611E+02	.022	.336	2.0727E+02	.009	.969
2.4714E+02	.024	.381	2.2567E+02	.022	.508	2.0688E+02	.010	.689
2.4664E+02	.026	.453	2.2524E+02	.017	.490	2.0650E+02	.014	.456
2.4615E+02	.019	.506	2.2480E+02	.016	.643	2.0612E+02	.021	.440
2.4565E+02	.025	.360	2.2437E+02	.024	.491	2.0574E+02	.020	.561
2.4516E+02	.035	.338	2.2394E+02	.030	.484	2.0536E+02	.013	.820
2.4466E+02	.020	.461	2.2351E+02	.022	.508	2.0498E+02	.014	.519
2.4417E+02	.016	.599	2.2308E+02	.032	.517	2.0461E+02	.016	.470
2.4368E+02	.015	.759	2.2265E+02	.043	.367	2.0423E+02	.014	.667
2.4319E+02	.018	.658	2.2223E+02	.048	.448	2.0386E+02	.009	.718
2.4271E+02	.008	1.319	2.2180E+02	.040	.550	2.0348E+02	.014	.641
2.4222E+02	.017	.675	2.2138E+02	.036	.592	2.0311E+02	.021	.449
2.4174E+02	.003	2.826	2.2095E+02	.039	.475	2.0274E+02	.029	.285
2.4126E+02	.010	.917	2.2053E+02	.046	.332	2.0237E+02	.033	.349
2.4077E+02	.016	.517	2.2011E+02	.055	.173	2.0200E+02	.022	.324
2.4029E+02	.026	.510	2.1969E+02	.063	.143	2.0163E+02	.018	.342
2.3982E+02	.036	.399	2.1927E+02	.059	.160	2.0126E+02	.024	.383
2.3934E+02	.029	.326	2.1886E+02	.045	.261	2.0090E+02	.019	.340
2.3886E+02	.018	.461	2.1844E+02	.031	.295	2.0053E+02	.020	.318
2.3839E+02	.015	.854	2.1803E+02	.023	.405	2.0016E+02	.024	.348
2.3792E+02	.018	.544	2.1761E+02	.017	.576	1.9980E+02	.027	.531
2.3745E+02	.017	.443	2.1720E+02	.013	.550	1.9944E+02	.042	.686
2.3698E+02	.010	1.016	2.1679E+02	.016	.443	1.9908E+02	.054	.660
2.3651E+02	.003	2.653	2.1638E+02	.023	.320	1.9872E+02	.056	.458

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.9836E+02	.048	.376	1.8281E+02	.014	.472	1.6903E+02	.017	.423
1.9800E+02	.049	.424	1.8250E+02	.013	.489	1.6875E+02	.021	.476
1.9764E+02	.045	.219	1.8218E+02	.013	.586	1.6846E+02	.018	.603
1.9728E+02	.044	.251	1.8186E+02	.016	.587	1.6818E+02	.015	.464
1.9693E+02	.043	.484	1.8155E+02	.025	.539	1.6790E+02	.022	.490
1.9657E+02	.035	.602	1.8123E+02	.028	.495	1.6762E+02	.033	.499
1.9622E+02	.031	.589	1.8092E+02	.024	.429	1.6735E+02	.040	.511
1.9587E+02	.025	.496	1.8061E+02	.022	.456	1.6707E+02	.045	.494
1.9552E+02	.023	.530	1.8030E+02	.027	.564	1.6679E+02	.037	.456
1.9516E+02	.017	.506	1.7999E+02	.034	.620	1.6651E+02	.024	.434
1.9481E+02	.017	.341	1.7968E+02	.028	.505	1.6624E+02	.017	.390
1.9446E+02	.024	.258	1.7937E+02	.024	.421	1.6596E+02	.018	.358
1.9412E+02	.046	.240	1.7906E+02	.017	.524	1.6569E+02	.028	.338
1.9377E+02	.083	.171	1.7875E+02	.011	.574	1.6541E+02	.032	.256
1.9342E+02	.125	.170	1.7844E+02	.010	.508	1.6514E+02	.031	.300
1.9308E+02	.127	.201	1.7814E+02	.006	1.345	1.6487E+02	.029	.413
1.9273E+02	.099	.157	1.7783E+02	.018	.365	1.6460E+02	.025	.357
1.9239E+02	.082	.144	1.7753E+02	.025	.259	1.6433E+02	.025	.249
1.9205E+02	.089	.133	1.7723E+02	.031	.361	1.6406E+02	.030	.208
1.9170E+02	.085	.111	1.7692E+02	.062	.252	1.6378E+02	.028	.234
1.9136E+02	.073	.128	1.7662E+02	.070	.271	1.6352E+02	.019	.469
1.9102E+02	.062	.168	1.7632E+02	.062	.302	1.6325E+02	.031	.247
1.9069E+02	.048	.223	1.7602E+02	.051	.365	1.6298E+02	.036	.310
1.9035E+02	.035	.232	1.7572E+02	.052	.466	1.6271E+02	.037	.327
1.9001E+02	.027	.235	1.7542E+02	.040	.336	1.6245E+02	.036	.210
1.8967E+02	.022	.343	1.7512E+02	.023	.261	1.6218E+02	.032	.190
1.8934E+02	.021	.296	1.7482E+02	.020	.306	1.6191E+02	.024	.228
1.8900E+02	.022	.280	1.7453E+02	.034	.400	1.6165E+02	.023	.245
1.8867E+02	.029	.235	1.7423E+02	.040	.255	1.6139E+02	.019	.432
1.8834E+02	.028	.256	1.7394E+02	.039	.200	1.6112E+02	.021	.340
1.8801E+02	.020	.406	1.7364E+02	.046	.165	1.6086E+02	.027	.567
1.8768E+02	.014	.576	1.7335E+02	.042	.187	1.6060E+02	.026	.540
1.8735E+02	.012	.587	1.7305E+02	.027	.237	1.6034E+02	.019	.329
1.8702E+02	.011	.485	1.7276E+02	.018	.574	1.6008E+02	.022	.413
1.8669E+02	.009	.566	1.7247E+02	.019	.567	1.5982E+02	.020	.590
1.8636E+02	.010	.503	1.7218E+02	.020	.518	1.5956E+02	.019	.552
1.8603E+02	.011	.482	1.7189E+02	.017	.386	1.5930E+02	.014	1.112
1.8571E+02	.013	.388	1.7160E+02	.013	.525	1.5904E+02	.013	.429
1.8538E+02	.014	.375	1.7131E+02	.010	.723	1.5878E+02	.018	.277
1.8506E+02	.017	.454	1.7102E+02	.009	.645	1.5853E+02	.031	.306
1.8473E+02	.012	.488	1.7074E+02	.009	.559	1.5827E+02	.044	.246
1.8441E+02	.009	.568	1.7045E+02	.009	.501	1.5801E+02	.043	.219
1.8409E+02	.006	.776	1.7016E+02	.012	.593	1.5776E+02	.029	.272
1.8377E+02	.008	.668	1.6988E+02	.009	.589	1.5751E+02	.011	.671
1.8345E+02	.009	.825	1.6959E+02	.009	.522	1.5725E+02	.010	.544
1.8313E+02	.012	.519	1.6931E+02	.010	.479	1.5700E+02	.009	.549

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.5674E+02	.010	.691	1.4576E+02	.017	.488	1.3568E+02	.022	.355
1.5649E+02	.020	.322	1.4553E+02	.C17	.544	1.3548E+02	.028	.230
1.5624E+02	.031	.305	1.4530E+02	.C20	.383	1.3527E+02	.049	.479
1.5599E+02	.036	.402	1.4508E+02	.C31	.350	1.3507E+02	.060	.370
1.5574E+02	.030	.561	1.4485E+02	.041	.543	1.3487E+02	.074	.399
1.5549E+02	.026	.563	1.4463E+02	.C37	.585	1.3467E+02	.087	.326
1.5524E+02	.025	.261	1.4441E+02	.026	.286	1.3447E+02	.080	.243
1.5499E+02	.023	.227	1.4418E+02	.022	.299	1.3427E+02	.060	.418
1.5475E+02	.021	.442	1.4396E+02	.C20	.271	1.3407E+02	.054	.361
1.5450E+02	.024	.629	1.4374E+02	.C16	.397	1.3387E+02	.046	.276
1.5425E+02	.023	.595	1.4352E+02	.015	.355	1.3367E+02	.033	.187
1.5401E+02	.019	.592	1.4330E+02	.C12	.534	1.3347E+02	.028	.221
1.5376E+02	.020	.758	1.4308E+02	.C11	.450	1.3327E+02	.039	.220
1.5352E+02	.021	.691	1.4286E+02	.C11	.391	1.3307E+02	.047	.247
1.5327E+02	.026	.595	1.4264E+02	.011	.569	1.3288E+02	.056	.345
1.5303E+02	.037	.587	1.4242E+02	.010	.475	1.3268E+02	.048	.305
1.5279E+02	.034	.534	1.4220E+02	.010	.613	1.3248E+02	.040	.258
1.5254E+02	.029	.582	1.4198E+02	.C11	.460	1.3229E+02	.043	.358
1.5230E+02	.024	.690	1.4177E+02	.C25	.360	1.3209E+02	.051	.451
1.5206E+02	.014	.628	1.4155E+02	.043	.426	1.3190E+02	.048	.347
1.5182E+02	.010	.444	1.4133E+02	.C47	.336	1.3170E+02	.047	.286
1.5158E+02	.008	.776	1.4090E+02	.031	.264	1.3151E+02	.043	.226
1.5134E+02	.007	.663	1.4069E+02	.C17	.394	1.3132E+02	.052	.275
1.5110E+02	.002	2.559	1.4047E+02	.C18	.458	1.3112E+02	.051	.169
1.5086E+02	.007	.815	1.4026E+02	.C13	.366	1.3093E+02	.052	.164
1.5062E+02	.007	.677	1.4005E+02	.012	.364	1.3074E+02	.049	.196
1.5039E+02	.005	.825	1.3983E+02	.C14	.336	1.3055E+02	.038	.172
1.5015E+02	.002	3.599	1.3962E+02	.C16	.319	1.3035E+02	.038	.281
1.4991E+02	.007	.886	1.3941E+02	.016	.342	1.3016E+02	.023	.376
1.4968E+02	.009	.522	1.3920E+02	.C10	.651	1.2997E+02	.011	.356
1.4944E+02	.012	.554	1.3899E+02	.C09	.501	1.2978E+02	.010	.547
1.4921E+02	.028	.255	1.3878E+02	.011	.467	1.2959E+02	.006	.837
1.4897E+02	.034	.220	1.3857E+02	.007	.818	1.2940E+02	.005	1.208
1.4874E+02	.039	.168	1.3836E+02	.C08	.529	1.2921E+02	.012	.368
1.4851E+02	.040	.248	1.3815E+02	.C07	.691	1.2903E+02	.012	.520
1.4827E+02	.037	.287	1.3794E+02	.007	.975	1.2884E+02	.014	.389
1.4804E+02	.029	.194	1.3773E+02	.C10	.437	1.2865E+02	.015	.499
1.4781E+02	.020	.357	1.3752E+02	.C11	.473	1.2846E+02	.011	.429
1.4758E+02	.017	.554	1.3732E+02	.014	.459	1.2828E+02	.012	.475
1.4735E+02	.015	.669	1.3711E+02	.024	.301	1.2809E+02	.011	.662
1.4712E+02	.014	.485	1.3690E+02	.C35	.360	1.2790E+02	.011	.431
1.4689E+02	.018	.369	1.3670E+02	.C33	.354	1.2772E+02	.023	.375
1.4666E+02	.023	.258	1.3649E+02	.026	.403	1.2753E+02	.022	.256
1.4644E+02	.029	.324	1.3629E+02	.C20	.509	1.2735E+02	.036	.457
1.4621E+02	.027	.470	1.3609E+02	.C14	.575	1.2716E+02	.034	.569
1.4598E+02	.018	.500	1.3588E+02	.015	.451	1.2698E+02	.011	.427

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.2680E+02	.022	.648	1.1876E+02	.035	.541	1.1146E+02	.016	.396
1.2661E+02	.006	.577	1.1859E+02	.044	.463	1.1131E+02	.022	.357
1.2643E+02	.017	.677	1.1842E+02	.053	.413	1.1116E+02	.031	.454
1.2625E+02	.020	.460	1.1826E+02	.038	.205	1.1101E+02	.011	.384
1.2606E+02	.024	.212	1.1809E+02	.054	.265	1.1086E+02	.017	.521
1.2588E+02	.052	.156	1.1793E+02	.057	.248	1.1071E+02	.008	.546
1.2570E+02	.077	.172	1.1776E+02	.069	.252	1.1056E+02	.009	.632
1.2552E+02	.089	.141	1.1760E+02	.070	.252	1.1041E+02	.011	.575
1.2534E+02	.078	.138	1.1744E+02	.063	.384	1.1026E+02	.012	.695
1.2516E+02	.067	.179	1.1727E+02	.028	.215	1.1011E+02	.005	.680
1.2498E+02	.071	.145	1.1711E+02	.045	.477	1.0996E+02	.020	.526
1.2480E+02	.080	.129	1.1695E+02	.029	.434	1.0981E+02	.026	.423
1.2462E+02	.119	.106	1.1678E+02	.025	.541	1.0967E+02	.018	.355
1.2444E+02	.168	.092	1.1662E+02	.029	.678	1.0952E+02	.026	.298
1.2426E+02	.205	.090	1.1646E+02	.029	.647	1.0937E+02	.026	.356
1.2409E+02	.196	.223	1.1630E+02	.012	.359	1.0922E+02	.021	.449
1.2391E+02	.139	.344	1.1614E+02	.025	.556	1.0908E+02	.012	.355
1.2373E+02	.070	.388	1.1598E+02	.024	.561	1.0893E+02	.013	.476
1.2355E+02	.031	.257	1.1582E+02	.027	.530	1.0878E+02	.015	.450
1.2338E+02	.021	.409	1.1566E+02	.040	.501	1.0864E+02	.021	.458
1.2320E+02	.012	.399	1.1550E+02	.056	.402	1.0849E+02	.026	.554
1.2303E+02	.015	.396	1.1534E+02	.059	.366	1.0835E+02	.011	.460
1.2285E+02	.012	.451	1.1518E+02	.025	.392	1.0820E+02	.020	.587
1.2268E+02	.009	.776	1.1502E+02	.031	.471	1.0806E+02	.014	.618
1.2250E+02	.007	.515	1.1486E+02	.025	.445	1.0792E+02	.006	.584
1.2233E+02	.009	.601	1.1470E+02	.022	.438	1.0777E+02	.014	.467
1.2215E+02	.009	.761	1.1455E+02	.021	.409	1.0763E+02	.013	.649
1.2198E+02	.015	.356	1.1439E+02	.021	.322	1.0749E+02	.012	.391
1.2181E+02	.018	.329	1.1423E+02	.022	.410	1.0734E+02	.023	.346
1.2164E+02	.042	.208	1.1407E+02	.013	.344	1.0720E+02	.033	.284
1.2146E+02	.074	.396	1.1392E+02	.013	.481	1.0706E+02	.033	.554
1.2129E+02	.092	.409	1.1376E+02	.010	.570	1.0691E+02	.011	.479
1.2112E+02	.067	.137	1.1361E+02	.010	.589	1.0677E+02	.022	.549
1.2095E+02	.115	.235	1.1345E+02	.015	.401	1.0663E+02	.011	.403
1.2078E+02	.156	.163	1.1330E+02	.024	.275	1.0649E+02	.024	.523
1.2061E+02	.243	.112	1.1314E+02	.036	.213	1.0635E+02	.025	.479
1.2044E+02	.325	.084	1.1299E+02	.041	.299	1.0621E+02	.010	.679
1.2027E+02	.319	.094	1.1283E+02	.015	.317	1.0607E+02	.024	.737
1.2010E+02	.228	.104	1.1268E+02	.016	.417	1.0593E+02	.027	.705
1.1993E+02	.141	.159	1.1253E+02	.013	.616	1.0579E+02	.028	.645
1.1976E+02	.092	.329	1.1237E+02	.012	.367	1.0565E+02	.030	.509
1.1959E+02	.059	.402	1.1222E+02	.009	.628	1.0551E+02	.035	.424
1.1942E+02	.037	.448	1.1207E+02	.008	.984	1.0537E+02	.022	.342
1.1926E+02	.031	.534	1.1191E+02	.007	.570	1.0523E+02	.033	.326
1.1909E+02	.032	.531	1.1176E+02	.013	.478	1.0509E+02	.033	.325
1.1892E+02	.032	.557	1.1161E+02	.016	.392	1.0495E+02	.050	.360

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.0481E+02	.063	.468	9.8747E+01	.021	.398	9.3191E+01	.006	.833
1.0468E+02	.061	.526	9.8621E+01	.024	.620	9.3076E+01	.010	.907
1.0454E+02	.020	.274	9.8495E+01	.005	.812	9.2961E+01	.018	.551
1.0440E+02	.041	.649	9.8369E+01	.011	.684	9.2845E+01	.023	.588
1.0426E+02	.035	.552	9.8244E+01	.018	.478	9.2731E+01	.017	.662
1.0413E+02	.012	.507	9.8119E+01	.028	.600	9.2616E+01	.016	.542
1.0399E+02	.024	.561	9.7994E+01	.034	.440	9.2501E+01	.018	.659
1.0386E+02	.024	.394	9.7870E+01	.042	.305	9.2387E+01	.012	.482
1.0372E+02	.027	.395	9.7745E+01	.056	.218	9.2273E+01	.040	.293
1.0358E+02	.014	.473	9.7621E+01	.061	.246	9.2159E+01	.051	.326
1.0345E+02	.026	.571	9.7497E+01	.056	.413	9.2046E+01	.061	.392
1.0331E+02	.013	.473	9.7374E+01	.043	.268	9.1932E+01	.061	.320
1.0318E+02	.040	.423	9.7251E+01	.029	.350	9.1819E+01	.048	.389
1.0304E+02	.052	.362	9.7127E+01	.020	.530	9.1706E+01	.031	.445
1.0291E+02	.045	.342	9.7004E+01	.022	.422	9.1593E+01	.014	.584
1.0278E+02	.037	.300	9.6882E+01	.012	.707	9.1481E+01	.022	.535
1.0264E+02	.039	.273	9.6759E+01	.008	1.022	9.1369E+01	.033	.685
1.0251E+02	.057	.387	9.6637E+01	.006	1.163	9.1256E+01	.021	.420
1.0237E+02	.064	.490	9.6515E+01	.014	.584	9.1144E+01	.058	.372
1.0224E+02	.029	.325	9.6393E+01	.025	.380	9.1033E+01	.063	.433
1.0211E+02	.035	.307	9.6272E+01	.029	.425	9.0921E+01	.076	.512
1.0198E+02	.033	.290	9.6151E+01	.013	.584	9.0810E+01	.071	.438
1.0184E+02	.041	.298	9.6030E+01	.023	.579	9.0699E+01	.034	.457
1.0171E+02	.034	.279	9.5909E+01	.022	.532	9.0588E+01	.046	.569
1.0158E+02	.042	.244	9.5788E+01	.012	.501	9.0477E+01	.051	.540
1.0145E+02	.032	.337	9.5668E+01	.023	.463	9.0367E+01	.030	.366
1.0132E+02	.028	.498	9.5548E+01	.022	.508	9.0256E+01	.072	.450
1.0119E+02	.012	.515	9.5428E+01	.031	.402	9.0146E+01	.058	.319
1.0106E+02	.024	.614	9.5308E+01	.031	.346	9.0036E+01	.035	.367
1.0093E+02	.008	.629	9.5188E+01	.029	.345	8.9927E+01	.047	.420
1.0080E+02	.016	.491	9.5069E+01	.038	.481	8.9817E+01	.031	.398
1.0067E+02	.019	.612	9.4950E+01	.026	.558	8.9708E+01	.043	.327
1.0054E+02	.005	.792	9.4831E+01	.006	.894	8.9599E+01	.040	.460
1.0041E+02	.019	.528	9.4713E+01	.013	.672	8.9490E+01	.015	.436
1.0028E+02	.015	.646	9.4594E+01	.018	.513	8.9381E+01	.039	.509
1.0015E+02	.020	.368	9.4476E+01	.026	.472	8.9273E+01	.042	.373
1.0002E+02	.025	.407	9.4358E+01	.012	.595	8.9164E+01	.036	.421
9.9892E+01	.025	.363	9.4241E+01	.021	.616	8.9056E+01	.024	.438
9.9763E+01	.018	.463	9.4123E+01	.020	.639	8.8948E+01	.039	.348
9.9635E+01	.015	.560	9.4006E+01	.023	.582	8.8841E+01	.041	.457
9.9508E+01	.013	.738	9.3889E+01	.014	.482	8.8733E+01	.027	.340
9.9380E+01	.007	.645	9.3772E+01	.032	.360	8.8626E+01	.045	.434
9.9253E+01	.014	.568	9.3655E+01	.034	.434	8.8519E+01	.070	.332
9.9126E+01	.016	.523	9.3539E+01	.015	.590	8.8412E+01	.095	.267
9.8999E+01	.021	.505	9.3423E+01	.019	.545	8.8305E+01	.055	.244
9.8873E+01	.021	.428	9.3307E+01	.010	1.050	8.8198E+01	.050	.290

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
8.8092E+01	.044	.329	8.3400E+01	.080	.294	7.9074E+01	.028	.743
8.7986E+01	.043	.338	8.3302E+01	.046	.451	7.8983E+01	.014	.856
8.7880E+01	.036	.431	8.3205E+01	.052	.452	7.8893E+01	.024	.815
8.7774E+01	.024	.438	8.3107E+01	.014	.796	7.8803E+01	.025	.922
8.7669E+01	.032	.395	8.3010E+01	.050	.610	7.8714E+01	.004	2.153
8.7563E+01	.030	.410	8.2913E+01	.024	.566	7.8624E+01	.026	.808
8.7458E+01	.026	.483	8.2816E+01	.029	.606	7.8534E+01	.014	.943
8.7353E+01	.024	.587	8.2719E+01	.011	.707	7.8445E+01	.031	.683
8.7248E+01	.015	.597	8.2623E+01	.042	.857	7.8356E+01	.034	.728
8.7144E+01	.023	.622	8.2526E+01	.051	.530	7.8267E+01	.011	1.093
8.7039E+01	.014	.627	8.2430E+01	.034	.504	7.8178E+01	.017	.879
8.6935E+01	.033	.528	8.2334E+01	.045	.458	7.8089E+01	.029	.764
8.6831E+01	.044	.383	8.2238E+01	.037	.638	7.8001E+01	.008	1.341
8.6727E+01	.057	.354	8.2142E+01	.006	1.356	7.7912E+01	.030	.738
8.6623E+01	.085	.286	8.2047E+01	.005	1.513	7.7824E+01	.016	.866
8.6519E+01	.148	.228	8.1951E+01	.030	.614	7.7736E+01	.048	.493
8.6416E+01	.282	.135	8.1856E+01	.029	.674	7.7648E+01	.029	.612
8.6313E+01	.468	.113	8.1761E+01	.007	1.129	7.7560E+01	.039	.604
8.6210E+01	.622	.142	8.1666E+01	.029	.721	7.7472E+01	.017	.915
8.6107E+01	.529	.116	8.1571E+01	.006	1.336	7.7385E+01	.038	.625
8.6005E+01	.377	.168	8.1477E+01	.028	.622	7.7297E+01	.025	.675
8.5902E+01	.223	.261	8.1382E+01	.032	.545	7.7210E+01	.033	.691
8.5800E+01	.112	.327	8.1288E+01	.035	.498	7.7123E+01	.012	1.124
8.5698E+01	.069	.317	8.1194E+01	.047	.448	7.7036E+01	.012	1.726
8.5596E+01	.025	.383	8.1100E+01	.043	.452	7.6949E+01	.004	2.078
8.5494E+01	.050	.563	8.1006E+01	.044	.470	7.6862E+01	.017	1.250
8.5393E+01	.051	.550	8.0912E+01	.022	.604	7.6776E+01	.004	2.674
8.5292E+01	.049	.600	8.0819E+01	.038	.527	7.6689E+01	.013	1.630
8.5191E+01	.048	.651	8.0726E+01	.034	.690	7.6603E+01	.001	11.279
8.5090E+01	.055	.520	8.0633E+01	.011	1.063	7.6517E+01	.001	9.204
8.4989E+01	.076	.378	8.0540E+01	.027	.667	7.6431E+01	.012	1.814
8.4888E+01	.079	.386	8.0447E+01	.032	.630	7.6345E+01	.014	1.525
8.4788E+01	.041	.379	8.0354E+01	.017	.726	7.6260E+01	.017	.905
8.4687E+01	.069	.418	8.0262E+01	.038	.521	7.6174E+01	.023	.999
8.4587E+01	.071	.376	8.0169E+01	.032	.621	7.6089E+01	.015	.954
8.4488E+01	.040	.335	8.0077E+01	.012	.889	7.6004E+01	.006	1.809
8.4388E+01	.077	.450	7.9985E+01	.027	.724	7.5919E+01	.012	1.797
8.4288E+01	.080	.608	7.9893E+01	.034	.615	7.5834E+01	-.004	2.532
8.4189E+01	.027	.478	7.9802E+01	.031	.587	7.5749E+01	-.004	5.709
8.4090E+01	.081	.628	7.9710E+01	.037	.569	7.5664E+01	.012	1.910
8.3991E+01	.118	.697	7.9619E+01	.007	1.097	7.5580E+01	.015	1.054
8.3892E+01	.115	.479	7.9528E+01	.029	.884	7.5495E+01	.064	.523
8.3793E+01	.073	.223	7.9436E+01	.027	.738	7.5411E+01	.063	.449
8.3695E+01	.114	.282	7.9346E+01	.010	1.133	7.5327E+01	.043	.617
8.3596E+01	.077	.306	7.9255E+01	.020	.968	7.5243E+01	.043	.537
8.3498E+01	.095	.318	7.9164E+01	.006	1.587	7.5159E+01	.045	.601

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
7.5075E+01	.078	.408	7.1373E+01	.530	.131	6.7350E+01	.033	1.261
7.4992E+01	.061	.509	7.1296E+01	.681	.126	6.7250E+01	.006	2.059
7.4909E+01	.035	.643	7.1218E+01	.739	.121	6.7150E+01	.037	.992
7.4825E+01	.024	1.047	7.1141E+01	.596	.126	6.7050E+01	.043	.809
7.4742E+01	.019	1.266	7.1064E+01	.388	.185	6.6950E+01	.045	.999
7.4659E+01	.018	.881	7.0987E+01	.265	.244	6.6850E+01	.040	.878
7.4577E+01	.042	.657	7.0910E+01	.173	.371	6.6750E+01	.005	1.767
7.4494E+01	.083	.553	7.0834E+01	.C98	.371	6.6650E+01	.043	1.075
7.4411E+01	.112	.508	7.0757E+01	.C41	.585	6.6550E+01	.035	1.188
7.4329E+01	.057	.482	7.0681E+01	.139	.501	6.6450E+01	.011	1.062
7.4247E+01	.078	.417	7.0604E+01	.161	.345	6.6350E+01	.044	.718
7.4164E+01	.109	.574	7.0528E+01	.C89	.381	6.6250E+01	.007	2.040
7.4082E+01	.042	.569	7.0452E+01	.123	.415	6.6150E+01	.030	1.088
7.4001E+01	.065	.636	7.0376E+01	.171	.389	6.6050E+01	.013	1.055
7.3919E+01	.023	1.107	7.0301E+01	.138	.349	6.5950E+01	.041	.861
7.3837E+01	.002	3.532	7.0225E+01	.160	.291	6.5850E+01	.041	1.029
7.3756E+01	.019	1.379	7.0149E+01	.178	.280	6.5750E+01	.014	.987
7.3674E+01	.002	6.343	7.0074E+01	.141	.328	6.5650E+01	.038	.857
7.3593E+01	.001	4.595	6.9999E+01	.159	.311	6.5550E+01	.022	.805
7.3512E+01	.010	2.476	6.9923E+01	.132	.334	6.5450E+01	.036	1.149
7.3431E+01	.015	1.647	6.9848E+01	.106	.479	6.5350E+01	.034	1.461
7.3350E+01	.011	2.159	6.9773E+01	.C85	.709	6.5250E+01	.039	1.123
7.3270E+01	.009	1.526	6.9698E+01	.015	1.155	6.5150E+01	.006	1.682
7.3189E+01	.008	1.380	6.9650E+01	.081	.802	6.5050E+01	.045	1.019
7.3109E+01	.011	2.322	6.9550E+01	.C70	.785	6.4950E+01	.060	.930
7.3028E+01	.014	1.781	6.9450E+01	.C84	.670	6.4850E+01	.057	1.023
7.2948E+01	.022	.637	6.9350E+01	.C89	.647	6.4750E+01	.004	3.622
7.2868E+01	.015	1.815	6.9250E+01	.C20	.700	6.4650E+01	.051	.965
7.2789E+01	.028	1.006	6.9150E+01	.C66	.844	6.4550E+01	.062	.927
7.2709E+01	.055	.572	6.9050E+01	.C59	.848	6.4450E+01	.056	.820
7.2629E+01	.062	.536	6.8950E+01	.C65	.672	6.4350E+01	.062	.656
7.2550E+01	.052	.541	6.8850E+01	.C65	.659	6.4250E+01	.054	.867
7.2470E+01	.047	.556	6.8750E+01	.C46	.869	6.4150E+01	.009	1.274
7.2391E+01	.101	.387	6.8650E+01	.038	.926	6.4050E+01	.071	.749
7.2312E+01	.144	.300	6.8550E+01	.040	.866	6.3950E+01	.078	.788
7.2233E+01	.194	.496	6.8450E+01	.C09	1.292	6.3850E+01	.075	.715
7.2154E+01	.119	.435	6.8350E+01	.048	.726	6.3750E+01	.017	.857
7.2076E+01	.061	.483	6.8250E+01	.049	.729	6.3650E+01	.081	.793
7.1997E+01	.081	.457	6.8150E+01	.C48	.766	6.3550E+01	.023	.613
7.1919E+01	.070	.602	6.8050E+01	.C48	.796	6.3450E+01	.039	1.175
7.1840E+01	.060	.685	6.7950E+01	.C50	.761	6.3350E+01	.049	1.209
7.1762E+01	.063	.520	6.7850E+01	.C09	1.358	6.3250E+01	.053	1.114
7.1684E+01	.052	.515	6.7750E+01	.C38	.735	6.3150E+01	.048	.993
7.1606E+01	.099	.371	6.7650E+01	.012	.947	6.3050E+01	.010	1.116
7.1528E+01	.179	.238	6.7550E+01	.C42	1.029	6.2950E+01	.040	1.390
7.1451E+01	.328	.163	6.7450E+01	.C10	1.166	6.2850E+01	.050	1.306

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
6.2750E+01	.008	1.833	5.8150E+01	.256	.900	5.3550E+01	.169	1.096
6.2650E+01	.051	1.290	5.8050E+01	.257	.804	5.3450E+01	.176	1.153
6.2550E+01	.014	1.076	5.7950E+01	.262	.660	5.3350E+01	.211	.785
6.2450E+01	.043	1.133	5.7850E+01	.266	.767	5.3250E+01	.233	.852
6.2350E+01	.010	1.113	5.7750E+01	.247	.754	5.3150E+01	.209	.979
6.2250E+01	.055	1.120	5.7650E+01	.279	.683	5.3050E+01	.192	1.047
6.2150E+01	.052	1.126	5.7550E+01	.250	.804	5.2950E+01	.233	.703
6.2050E+01	.041	1.089	5.7450E+01	.251	.763	5.2850E+01	.263	.882
6.1950E+01	.043	1.209	5.7350E+01	.029	.944	5.2750E+01	.230	.853
6.1850E+01	.055	.825	5.7250E+01	.248	.883	5.2650E+01	.225	.779
6.1750E+01	.066	.848	5.7150E+01	.246	.881	5.2550E+01	.233	.727
6.1650E+01	.040	1.791	5.7050E+01	.226	.894	5.2450E+01	.222	.709
6.1550E+01	.060	1.077	5.6950E+01	.233	.920	5.2350E+01	.095	1.740
6.1450E+01	.022	.917	5.6850E+01	.027	1.050	5.2250E+01	.126	1.097
6.1350E+01	.048	1.137	5.6750E+01	.281	.871	5.2150E+01	.174	.958
6.1250E+01	.051	1.261	5.6650E+01	.303	.884	5.2050E+01	.170	1.011
6.1150E+01	.069	1.103	5.6550E+01	.280	.836	5.1950E+01	.163	.827
6.1050E+01	.098	.759	5.6450E+01	.239	.619	5.1850E+01	.186	1.178
6.0950E+01	.085	.725	5.6350E+01	.462	.572	5.1750E+01	.198	.845
6.0850E+01	.058	.485	5.6250E+01	.409	.581	5.1650E+01	.099	1.744
6.0750E+01	.056	.893	5.6150E+01	.296	.629	5.1550E+01	.074	.663
6.0650E+01	.060	.985	5.6050E+01	.305	.511	5.1450E+01	.034	5.048
6.0550E+01	.018	.763	5.5950E+01	.316	.463	5.1350E+01	.143	1.232
6.0450E+01	.070	.977	5.5850E+01	.323	.534	5.1250E+01	.329	.486
6.0350E+01	.067	.922	5.5750E+01	.285	.620	5.1150E+01	.324	.641
6.0250E+01	.079	.592	5.5650E+01	.255	.740	5.1050E+01	.409	.531
6.0150E+01	.099	.582	5.5550E+01	.259	.769	5.0950E+01	.302	.720
6.0050E+01	.114	.586	5.5450E+01	.343	.680	5.0850E+01	.276	.832
5.9950E+01	.061	.552	5.5350E+01	.376	.796	5.0750E+01	.044	1.216
5.9850E+01	.075	.962	5.5250E+01	.350	.745	5.0650E+01	.308	.841
5.9750E+01	.071	.909	5.5150E+01	.347	.635	5.0550E+01	.323	.777
5.9650E+01	.019	.860	5.5050E+01	.426	.676	5.0450E+01	.382	.680
5.9550E+01	.074	1.254	5.4950E+01	.529	.699	5.0350E+01	.249	.759
5.9450E+01	.059	1.155	5.4850E+01	.430	.667	5.0250E+01	.202	1.411
5.9350E+01	.014	.960	5.4750E+01	.386	.633	5.0150E+01	.085	.836
5.9250E+01	.060	1.160	5.4650E+01	.390	.642	5.0050E+01	.323	.759
5.9150E+01	.091	.890	5.4550E+01	.379	.705	4.9950E+01	.280	.846
5.9050E+01	.012	1.293	5.4450E+01	.330	.788	4.9850E+01	.240	1.000
5.8950E+01	.191	.902	5.4350E+01	.233	.774	4.9750E+01	.023	2.472
5.8850E+01	.197	.921	5.4250E+01	.212	.817	4.9650E+01	.256	1.009
5.8750E+01	.187	.891	5.4150E+01	.103	.479	4.9550E+01	.298	.847
5.8650E+01	.179	.887	5.4050E+01	.173	.886	4.9450E+01	.389	.715
5.8550E+01	.219	.937	5.3950E+01	.168	1.085	4.9350E+01	.413	.812
5.8450E+01	.237	.907	5.3850E+01	.104	1.477	4.9250E+01	.333	1.033
5.8350E+01	.226	.894	5.3750E+01	.123	1.179	4.9150E+01	.217	1.640
5.8250E+01	.017	1.063	5.3650E+01	.150	.754	4.9050E+01	.157	2.164

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
4.8950E+01	.268	.879	4.4350E+01	-.008	55.247	3.9750E+01	.417	.772
4.8850E+01	.282	.836	4.4250E+01	-.027	12.800	3.9650E+01	.258	1.221
4.8750E+01	.224	1.453	4.4150E+01	-.015	28.839	3.9550E+01	.266	1.207
4.8650E+01	.251	.888	4.4050E+01	.197	2.188	3.9450E+01	.166	1.735
4.8550E+01	.343	.904	4.3950E+01	.465	.887	3.9350E+01	.380	.912
4.8450E+01	.427	.832	4.3850E+01	.507	.936	3.9250E+01	.237	1.363
4.8350E+01	.532	.536	4.3750E+01	.334	1.747	3.9150E+01	.158	1.905
4.8250E+01	.507	.772	4.3650E+01	.349	1.468	3.9050E+01	.187	1.712
4.8150E+01	.449	.743	4.3550E+01	.167	2.828	3.8950E+01	.175	1.848
4.8050E+01	.422	.735	4.3450E+01	.074	8.162	3.8850E+01	.144	2.172
4.7950E+01	.425	.719	4.3350E+01	.085	5.784	3.8750E+01	.187	1.726
4.7850E+01	.360	.806	4.3250E+01	.025	24.892	3.8650E+01	.174	1.937
4.7750E+01	.289	1.154	4.3150E+01	.158	4.517	3.8550E+01	.076	4.194
4.7650E+01	.236	1.153	4.3050E+01	.272	1.888	3.8450E+01	.104	3.040
4.7550E+01	.361	.878	4.2950E+01	.508	.489	3.8350E+01	.058	5.543
4.7450E+01	.443	.892	4.2850E+01	.172	3.029	3.8250E+01	-.053	6.050
4.7350E+01	.353	.771	4.2750E+01	.184	3.212	3.8150E+01	.207	1.668
4.7250E+01	.341	.971	4.2650E+01	.167	3.687	3.8050E+01	.110	2.955
4.7150E+01	.475	.587	4.2550E+01	.159	4.237	3.7950E+01	.194	1.877
4.7050E+01	.416	.835	4.2450E+01	.042	15.103	3.7850E+01	.365	1.097
4.6950E+01	.389	.916	4.2350E+01	.061	10.941	3.7750E+01	.199	1.811
4.6850E+01	.371	.716	4.2250E+01	.191	3.091	3.7650E+01	.123	2.819
4.6750E+01	.306	1.056	4.2150E+01	.154	4.219	3.7550E+01	.157	2.410
4.6650E+01	.430	.821	4.2050E+01	.128	4.579	3.7450E+01	.124	2.987
4.6550E+01	.504	.835	4.1950E+01	.143	5.657	3.7350E+01	.106	3.403
4.6450E+01	.511	.836	4.1850E+01	.058	14.942	3.7250E+01	.016	21.358
4.6350E+01	.536	.800	4.1750E+01	.096	7.976	3.7150E+01	.145	2.689
4.6250E+01	.583	.864	4.1650E+01	.126	6.157	3.7050E+01	.061	6.214
4.6150E+01	.423	.878	4.1550E+01	.087	7.979	3.6950E+01	.094	3.959
4.6050E+01	.464	.965	4.1450E+01	.377	.578	3.6850E+01	.254	1.578
4.5950E+01	.547	.853	4.1350E+01	-.030	6.086	3.6750E+01	.235	1.762
4.5850E+01	.610	.906	4.1250E+01	.185	1.393	3.6650E+01	.294	1.481
4.5750E+01	.605	.837	4.1150E+01	.241	1.099	3.6550E+01	.270	1.538
4.5650E+01	.592	.834	4.1050E+01	.186	1.411	3.6450E+01	.149	2.714
4.5550E+01	.578	.853	4.0950E+01	.283	.981	3.6350E+01	-.036	10.719
4.5450E+01	.546	.839	4.0850E+01	.273	1.012	3.6250E+01	.202	2.216
4.5350E+01	.435	.989	4.0750E+01	.255	1.125	3.6150E+01	.012	35.452
4.5250E+01	.238	1.654	4.0650E+01	.212	1.271	3.6050E+01	.076	5.724
4.5150E+01	.253	1.213	4.0550E+01	.205	1.365	3.5950E+01	.060	7.142
4.5050E+01	.111	1.216	4.0450E+01	.223	1.306	3.5850E+01	.156	2.850
4.4950E+01	.257	1.690	4.0350E+01	.193	1.419	3.5750E+01	.343	1.459
4.4850E+01	.278	1.836	4.0250E+01	.381	.841	3.5650E+01	.143	3.357
4.4750E+01	.192	2.261	4.0150E+01	.188	1.540	3.5550E+01	.155	3.064
4.4650E+01	.147	2.816	4.0050E+01	.163	1.713	3.5450E+01	.159	3.026
4.4550E+01	.174	2.070	3.9950E+01	.096	2.938	3.5350E+01	.202	2.360
4.4450E+01	.017	24.120	3.9850E+01	.256	1.179	3.5250E+01	.446	1.173

VI. ^{237}U: J. H. McNally, J. W. Barnes, B. J. Dropesky, P. A. Seeger, and K. Wolfsberg[11]

The sample contained 18.1 ± 0.5 μg of ^{237}U at shot time, or about 1% of the customary target density. There was a 38% contaminant of ^{237}Np (daughter product of ^{237}U β-decay, $T_{\frac{1}{2}}$ = 6.75 days) which was negligible in the low-energy region and has been subtracted above 100 keV on the basis of a simultaneous measurement on a ^{237}Np target.[12] High-resolution recordings of two signals were averaged above 100 keV. The line in Fig. 12 is the average result after subtracting ^{237}Np. For the low-energy data (Fig. 13) the line is a smooth curve drawn through the average of two readings of one signal (90°). At 560 eV the two readings disagreed and only one was used. An arbitrary base line shift of -0.06 ± 0.03 mV has been applied to bring the level to about zero near 60 eV. The data are listed in Table VII. Standard deviations $\delta\sigma/\sigma$ include the correlated or systematic uncertainty of ±6.0%.

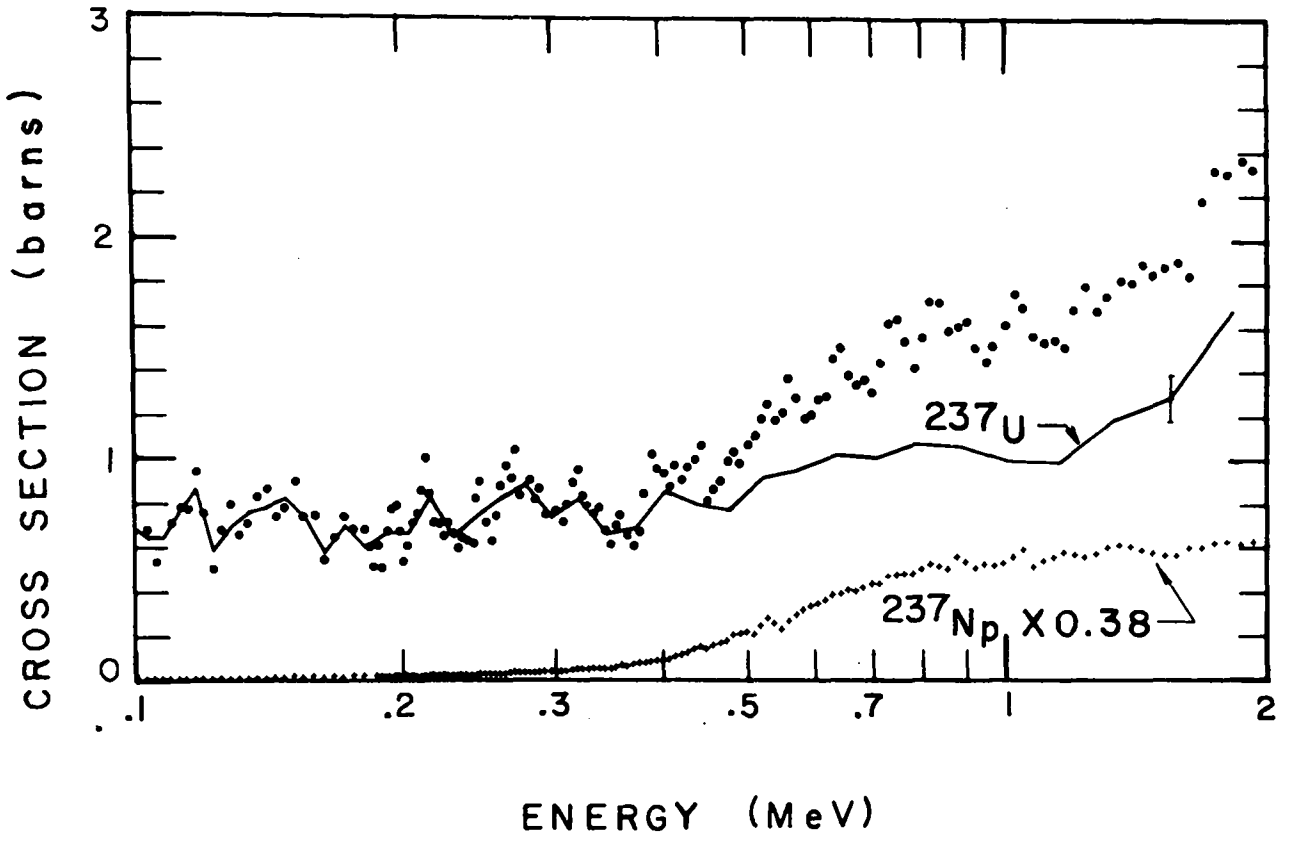

Fig. 12. Fission cross section of ^{237}U; data corrected for ^{237}Np content of target.

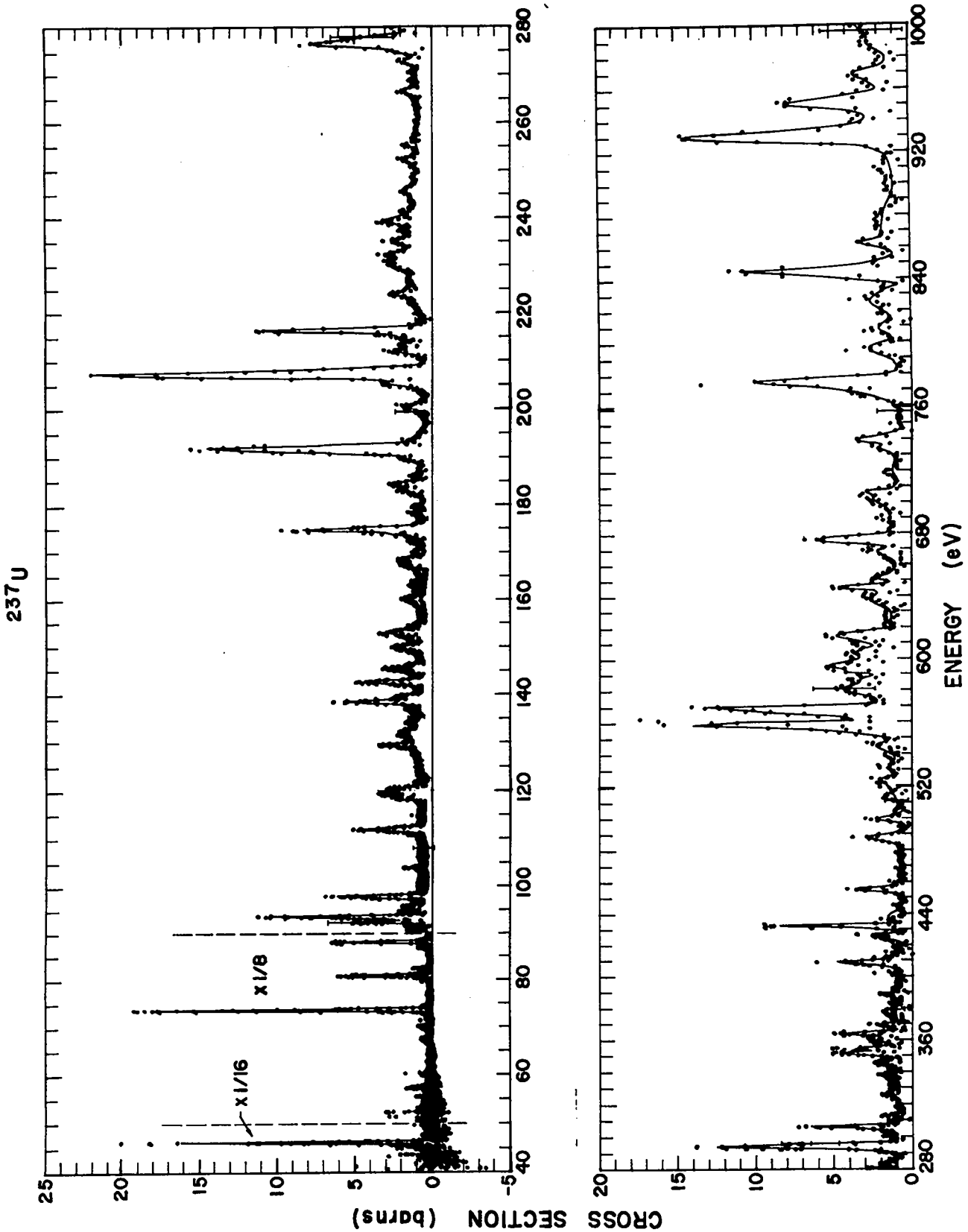

Fig. 13. Fission cross section of ^{237}U.

TABLE VII

FISSION CROSS SECTION OF ^{237}U (J. H. McNALLY, J. W. BARNES, B. J. DROPESKY, P. A. SEEGER, AND K. WOLFSBERG[11])

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.8300E+06	1.688	.086	9.7987E+02	1.463	1.072	7.4640E+02	.670	1.974
1.5490E+06	1.288	.081	9.7394E+02	1.960	1.064	7.4249E+02	1.866	1.159
1.3281E+06	1.181	.085	9.7003E+02	3.454	.799	7.3993E+02	3.464	.927
1.1512E+06	.989	.086	9.6419E+02	2.529	.606	7.3837E+02	3.267	.946
1.0075E+06	.998	.123	9.5841E+02	2.426	1.046	7.3682E+02	1.956	1.418
8.8908E+05	1.061	.090	9.5458E+02	5.218	.547	7.3471E+02	2.115	1.047
7.9039E+05	1.072	.099	9.5078E+02	7.939	.383	7.3082E+02	1.339	1.099
7.0726E+05	1.010	.146	9.4700E+02	4.358	.698	7.1947E+02	1.203	.952
6.3659E+05	1.019	.109	9.4137E+02	2.764	.597	7.1080E+02	1.050	1.382
5.7600E+05	.952	.106	9.3580E+02	5.213	.590	7.0820E+02	1.513	1.633
5.2367E+05	.914	.104	9.3358E+02	8.949	.398	7.0674E+02	2.836	1.056
4.7816E+05	.773	.110	9.3137E+02	13.666	.305	7.0475E+02	2.505	.843
4.3834E+05	.798	.125	9.2917E+02	13.830	.351	7.0110E+02	2.367	.776
4.0329E+05	.853	.088	9.2698E+02	10.066	.413	6.9632E+02	1.622	1.083
3.7228E+05	.686	.140	9.2479E+02	4.676	.662	6.9159E+02	1.343	1.227
3.4471E+05	.659	.107	9.0532E+02	1.318	.600	6.8691E+02	1.342	1.184
3.2010E+05	.823	.103	8.7928E+02	1.679	.705	6.8227E+02	1.365	1.128
2.9803E+05	.736	.098	8.7087E+02	1.794	.987	6.7887E+02	2.268	.879
2.7817E+05	.882	.116	8.6592E+02	1.839	1.149	6.7659E+02	5.619	.390
2.6023E+05	.820	.167	8.6265E+02	3.081	.897	6.7437E+02	5.536	.813
2.4397E+05	.745	.164	8.5772E+02	1.318	1.153	6.7302E+02	3.296	.905
2.2919E+05	.649	.111	8.5126E+02	2.147	.761	6.7167E+02	1.809	1.366
2.1571E+05	.832	.153	8.4714E+02	5.837	.502	6.6865E+02	2.149	.685
2.0339E+05	.667	.132	8.4523E+02	10.890	.334	6.6089E+02	1.067	.882
1.9209E+05	.662	.172	8.4330E+02	8.462	.354	6.5543E+02	1.260	1.193
1.8171E+05	.599	.134	8.4143E+02	5.380	.626	6.5111E+02	2.194	.748
1.7215E+05	.700	.109	8.3954E+02	3.718	.989	6.4800E+02	1.537	1.621
1.6332E+05	.575	.125	8.3700E+02	1.250	1.333	6.4673E+02	2.697	1.019
1.5516E+05	.733	.145	8.3230E+02	1.739	.861	6.4545E+02	4.597	.734
1.4759E+05	.822	.117	8.2613E+02	2.534	.704	6.4418E+02	4.673	.596
1.4056E+05	.782	.146	8.1551E+02	1.338	.727	6.4292E+02	2.333	1.188
1.3402E+05	.758	.118	8.0800E+02	2.005	.778	6.4165E+02	2.175	1.196
1.2793E+05	.698	.151	8.0209E+02	1.244	1.148	6.3840E+02	2.603	.678
1.2225E+05	.585	.169	7.9625E+02	2.615	.703	6.2912E+02	1.318	.704
1.1693E+05	.867	.121	7.8619E+02	1.072	.959	6.2203E+02	1.436	1.050
1.1196E+05	.773	.131	7.7888E+02	2.665	1.022	6.1908E+02	1.604	1.139
1.0729E+05	.647	.174	7.7719E+02	7.015	.549	6.1716E+02	3.327	.983
1.0291E+05	.645	.252	7.7492E+02	10.064	.330	6.1408E+02	4.781	.396
9.8798E+04	.690	.283	7.7218E+02	6.516	.593	6.1017E+02	3.158	.522
9.9878E+02	3.246	.887	7.6796E+02	3.404	.531	6.0730E+02	2.450	.815
9.9633E+02	2.967	.882	7.6248E+02	1.522	.992	6.0544E+02	3.216	1.000
9.9390E+02	2.676	1.023	7.5707E+02	.784	1.835	5.9958E+02	3.384	.354
9.8785E+02	2.561	.676	7.5171E+02	.911	1.567	5.9404E+02	5.187	.700

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
5.9211E+02	4.155	.596	4.5365E+02	1.770	.904	3.6086E+02	2.098	.568
5.9069E+02	4.145	.844	4.5116E+02	.714	1.693	3.5862E+02	1.879	.435
5.8958E+02	2.598	1.083	4.4382E+02	.718	.980	3.5609E+02	1.691	.858
5.8743E+02	3.067	.571	4.3664E+02	1.423	.984	3.5531E+02	3.034	.703
5.8376E+02	3.367	.486	4.3494E+02	1.075	1.452	3.5479E+02	2.639	.735
5.8013E+02	4.305	.467	4.3175E+02	7.141	.471	3.5387E+02	3.511	.361
5.7755E+02	3.900	1.050	4.3106E+02	4.164	.622	3.5273E+02	2.550	.721
5.7569E+02	2.700	.772	4.3036E+02	2.760	.853	3.5222E+02	2.970	.623
5.7297E+02	2.140	.814	4.3385E+02	1.605	1.417	3.5170E+02	4.112	.530
5.7114E+02	2.239	1.223	4.3315E+02	4.937	.717	3.5094E+02	4.592	.555
5.7009E+02	4.879	.739	4.3245E+02	8.422	.439	3.5009E+02	3.157	.649
5.6861E+02	13.136	.300	4.2508E+02	1.966	.681	3.4876E+02	1.343	.786
5.6693E+02	10.921	.395	4.2282E+02	1.234	1.136	3.4708E+02	1.249	.957
5.6512E+02	8.684	.355	4.2058E+02	.616	1.968	3.4541E+02	1.960	.721
5.6380E+02	6.077	.499	4.2913E+02	.583	2.571	3.4376E+02	1.471	.869
5.6281E+02	4.311	.803	4.2798E+02	.869	1.700	3.4168E+02	1.123	.665
5.6177E+02	4.234	.644	4.2692E+02	2.457	.986	3.3565E+02	1.323	.439
5.6035E+02	3.698	.670	4.1778E+02	.861	.919	3.2783E+02	1.250	.458
5.5863E+02	11.490	.633	4.1396E+02	.793	1.418	3.2028E+02	.895	.601
5.5693E+02	14.101	.287	4.1179E+02	1.648	.879	3.1590E+02	.771	1.324
5.5523E+02	8.254	.359	4.1032E+02	1.923	1.135	3.1445E+02	.743	1.349
5.5054E+02	2.325	1.243	4.0968E+02	3.422	.735	3.1301E+02	1.490	.675
5.4954E+02	1.303	1.815	4.0903E+02	4.763	.624	3.1159E+02	.831	1.060
5.4814E+02	1.488	1.400	4.0810E+02	4.044	.542	3.1017E+02	.992	.933
5.4560E+02	2.180	.761	4.0711E+02	2.617	.850	3.0876E+02	1.078	1.004
5.3825E+02	1.121	.843	4.0538E+02	1.320	1.038	3.0736E+02	1.712	.670
5.3026E+02	1.399	.801	3.9912E+02	.970	.667	3.0647E+02	4.480	.398
5.2635E+02	1.223	1.286	3.9300E+02	.950	1.368	3.0605E+02	6.460	.286
5.2324E+02	2.081	.892	3.9100E+02	.851	1.573	3.0564E+02	6.337	.344
5.2015E+02	1.536	1.078	3.8985E+02	.780	2.227	3.0522E+02	4.876	.390
5.1110E+02	.992	.727	3.8925E+02	1.931	1.259	3.0481E+02	3.171	.489
5.0222E+02	1.039	1.434	3.8857E+02	1.850	1.000	3.0431E+02	2.601	.636
4.9932E+02	2.239	.821	3.8703E+02	1.125	1.216	3.0322E+02	1.481	.725
4.9645E+02	.643	2.001	3.8507E+02	.946	1.343	3.0081E+02	1.301	.539
4.9360E+02	.494	2.649	3.7926E+02	1.015	.540	2.9783E+02	.973	.951
4.9077E+02	1.165	1.353	3.7360E+02	.981	1.170	2.9690E+02	1.323	1.088
4.8797E+02	2.817	.649	3.7174E+02	.837	1.268	2.9632E+02	2.607	.694
4.8519E+02	1.561	1.060	3.6989E+02	1.957	.682	2.9593E+02	4.481	.389
4.8244E+02	.754	1.786	3.6806E+02	1.404	.828	2.9558E+02	6.489	.286
4.7901E+02	.740	1.366	3.6624E+02	.899	1.235	2.9514E+02	7.562	.289
4.6904E+02	.704	.995	3.6485E+02	2.726	.771	2.9475E+02	9.763	.269
4.6124E+02	.748	1.864	3.6431E+02	3.025	.595	2.9388E+02	12.554	.165
4.5869E+02	.974	1.394	3.6377E+02	4.352	.562	2.9318E+02	9.723	.223
4.5684E+02	1.648	1.084	3.6315E+02	4.080	.461	2.9280E+02	8.111	.281
4.5567E+02	3.451	.818	3.6270E+02	3.088	.634	2.9241E+02	6.487	.312
4.5491E+02	3.458	.818	3.6216E+02	2.087	.811	2.9202E+02	3.898	.398

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.9163E+02	2.786	.611	2.3283E+02	2.207	.510	2.0801E+02	9.492	.226
2.9103E+02	2.061	.817	2.3238E+02	3.093	.477	2.0778E+02	12.862	.176
2.9001E+02	1.326	.694	2.3164E+02	2.552	.370	2.0755E+02	19.144	.143
2.8874E+02	.869	1.000	2.3073E+02	2.681	.380	2.0732E+02	22.595	.169
2.8747E+02	.864	1.070	2.2982E+02	2.509	.383	2.0709E+02	19.911	.130
2.8622E+02	1.134	.777	2.2892E+02	1.735	.481	2.0685E+02	17.904	.160
2.8462E+02	1.443	.457	2.2803E+02	1.443	.558	2.0662E+02	13.907	.204
2.8250E+02	1.730	.617	2.2689E+02	1.438	.371	2.0639E+02	9.762	.346
2.8164E+02	1.349	1.018	2.2538E+02	1.340	.603	2.0616E+02	5.683	.390
2.8111E+02	1.665	.913	2.2451E+02	1.917	.407	2.0576E+02	3.262	.261
2.8075E+02	2.519	.565	2.2392E+02	2.634	.451	2.0500E+02	2.819	.352
2.8006E+02	2.489	.420	2.2348E+02	2.000	.656	2.0449E+02	1.807	.523
2.7885E+02	2.135	.467	2.2278E+02	1.375	.568	2.0411E+02	1.212	.825
2.7801E+02	4.505	.454	2.2192E+02	1.321	.549	2.0349E+02	.763	.814
2.7741E+02	5.599	.397	2.2107E+02	.984	.713	2.0299E+02	.711	1.099
2.7678E+02	7.164	.305	2.2022E+02	.894	.818	2.0261E+02	.469	1.356
2.7642E+02	7.750	.289	2.1938E+02	.682	.901	2.0199E+02	.528	1.158
2.7607E+02	6.112	.280	2.1854E+02	.579	.832	2.0150E+02	.613	1.290
2.7563E+02	3.202	.489	2.1797E+02	.633	1.159	2.0113E+02	.999	.901
2.7500E+02	2.453	.544	2.1756E+02	1.093	.779	2.0052E+02	1.724	.409
2.7409E+02	1.286	.702	2.1714E+02	1.336	.721	2.0003E+02	1.520	.556
2.7292E+02	1.844	.602	2.1689E+02	4.486	.315	1.9967E+02	1.458	.646
2.7176E+02	1.079	.884	2.1665E+02	9.095	.252	1.9930E+02	.860	.786
2.6971E+02	1.166	.555	2.1640E+02	10.938	.204	1.9893E+02	.555	1.361
2.6753E+02	1.189	.972	2.1615E+02	9.649	.223	1.9833E+02	.502	1.135
2.6696E+02	1.849	.777	2.1591E+02	6.195	.264	1.9761E+02	.412	1.150
2.6606E+02	1.525	.600	2.1550E+02	3.217	.351	1.9689E+02	.460	1.133
2.6269E+02	.964	.436	2.1509E+02	2.292	.445	1.9618E+02	.620	.955
2.5727E+02	1.155	.390	2.1468E+02	2.090	.624	1.9526E+02	.789	.524
2.5412E+02	1.049	.847	2.1444E+02	1.934	.625	1.9431E+02	1.036	.806
2.5308E+02	1.390	.634	2.1419E+02	1.334	.650	1.9395E+02	1.525	.612
2.5204E+02	1.600	.567	2.1395E+02	1.076	.913	1.9360E+02	1.495	.627
2.5072E+02	1.133	.538	2.1371E+02	1.603	.686	1.9326E+02	1.658	.587
2.4817E+02	1.166	.534	2.1347E+02	1.835	.616	1.9306E+02	2.959	.423
2.4566E+02	1.616	.379	2.1323E+02	2.022	.520	1.9285E+02	6.233	.763
2.4319E+02	1.288	.454	2.1281E+02	1.572	.419	1.9264E+02	7.726	.554
2.4076E+02	1.806	.321	2.1200E+02	2.395	.364	1.9243E+02	13.506	.193
2.3941E+02	3.015	.401	2.1147E+02	1.886	.534	1.9222E+02	14.606	.161
2.3901E+02	3.060	.440	2.1107E+02	1.150	.698	1.9202E+02	13.830	.191
2.3872E+02	2.291	.500	2.1067E+02	.947	.774	1.9181E+02	12.570	.188
2.3815E+02	1.686	.497	2.1028E+02	.601	1.159	1.9153E+02	10.600	.235
2.3720E+02	1.730	.514	2.0963E+02	.621	.985	1.9120E+02	8.550	.224
2.3626E+02	1.682	.538	2.0910E+02	.790	1.110	1.9099E+02	6.664	.366
2.3533E+02	2.507	.389	2.0871E+02	2.070	.486	1.9079E+02	6.002	.290
2.3440E+02	1.856	.482	2.0848E+02	4.099	.312	1.9058E+02	3.043	.419
2.3347E+02	1.749	.479	2.0825E+02	7.024	.215	1.9038E+02	2.215	.514

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.8994E+02	1.854	.424	1.6991E+02	.820	.939	1.5387E+02	1.702	.713
1.8949E+02	1.480	.595	1.6942E+02	.840	.704	1.5373E+02	1.623	.599
1.8839E+02	.811	.534	1.6913E+02	1.055	.840	1.5358E+02	2.107	.505
1.8726E+02	.739	.721	1.6896E+02	1.551	.794	1.5346E+02	2.235	.381
1.8660E+02	1.006	.610	1.6877E+02	1.869	.560	1.5303E+02	2.788	.265
1.8617E+02	1.104	.825	1.6862E+02	2.210	.535	1.5255E+02	2.023	.297
1.8598E+02	1.236	.876	1.6829E+02	1.895	.357	1.5226E+02	2.096	.508
1.8578E+02	.696	1.128	1.6794E+02	2.128	.548	1.5211E+02	1.586	.640
1.8551E+02	.750	.979	1.6764E+02	1.957	.430	1.5199E+02	1.459	.486
1.8519E+02	1.350	.678	1.6736E+02	1.799	.447	1.5182E+02	1.237	.692
1.8500E+02	1.590	.573	1.6710E+02	1.316	.699	1.5168E+02	1.603	.717
1.8464E+02	2.364	.304	1.6693E+02	1.626	.655	1.5151E+02	1.181	.669
1.8422E+02	2.052	.558	1.6661E+02	1.041	.546	1.5125E+02	1.353	.663
1.8403E+02	2.207	.607	1.6624E+02	.711	.886	1.5110E+02	1.010	.846
1.8383E+02	1.501	.669	1.6597E+02	1.027	.726	1.5096E+02	1.322	.672
1.8334E+02	1.983	.423	1.6577E+02	.758	1.035	1.5081E+02	1.191	.719
1.8270E+02	1.315	.446	1.6560E+02	1.072	.867	1.5067E+02	1.585	.713
1.8207E+02	.902	.668	1.6544E+02	.686	1.173	1.5055E+02	1.521	.542
1.8143E+02	.655	.879	1.6495E+02	.675	.738	1.5014E+02	2.283	.336
1.8080E+02	.620	.854	1.6462E+02	.919	.965	1.4981E+02	2.116	.509
1.8040E+02	.681	1.206	1.6432E+02	.695	.815	1.4967E+02	2.244	.567
1.8008E+02	1.039	.786	1.6405E+02	.900	.758	1.4953E+02	1.750	.560
1.7955E+02	.909	.623	1.6380E+02	1.066	.823	1.4919E+02	1.335	.453
1.7893E+02	.753	.725	1.6364E+02	1.267	.934	1.4872E+02	.987	.554
1.7831E+02	1.198	.506	1.6332E+02	1.061	.482	1.4787E+02	.827	.432
1.7721E+02	.652	.554	1.6299E+02	1.217	.808	1.4686E+02	.779	.634
1.7608E+02	1.159	.625	1.6283E+02	1.032	.827	1.4660E+02	.837	.885
1.7580E+02	1.359	.689	1.6267E+02	1.283	.778	1.4646E+02	1.375	.750
1.7562E+02	3.032	.428	1.6224E+02	.862	.552	1.4634E+02	1.502	.452
1.7544E+02	4.726	.337	1.6155E+02	.857	.383	1.4611E+02	1.518	.533
1.7526E+02	4.923	.338	1.6084E+02	.976	.701	1.4591E+02	1.862	.573
1.7508E+02	6.425	.286	1.6060E+02	1.310	.721	1.4578E+02	2.484	.429
1.7488E+02	8.386	.169	1.6013E+02	1.592	.387	1.4549E+02	2.726	.250
1.7472E+02	7.822	.266	1.5960E+02	1.167	.470	1.4520E+02	2.356	.390
1.7454E+02	6.478	.347	1.5892E+02	.906	.394	1.4496E+02	1.846	.555
1.7436E+02	5.657	.351	1.5826E+02	.918	.944	1.4482E+02	2.047	.477
1.7418E+02	3.090	.418	1.5798E+02	.669	.828	1.4469E+02	1.532	.602
1.7399E+02	2.840	.324	1.5754E+02	.708	.753	1.4456E+02	1.660	.538
1.7383E+02	2.456	.457	1.5703E+02	.681	.783	1.4442E+02	1.144	.752
1.7349E+02	1.589	.411	1.5636E+02	.668	.492	1.4430E+02	.998	.595
1.7312E+02	1.233	.721	1.5551E+02	.663	.794	1.4415E+02	1.211	.657
1.7294E+02	1.050	.868	1.5501E+02	.911	.582	1.4402E+02	.904	.839
1.7277E+02	1.409	.695	1.5469E+02	1.132	.712	1.4369E+02	.954	.547
1.7231E+02	1.075	.543	1.5444E+02	1.503	.478	1.4335E+02	1.466	.586
1.7126E+02	.766	.462	1.5417E+02	1.495	.649	1.4322E+02	1.648	.587
1.7015E+02	1.198	.787	1.5402E+02	1.213	.726	1.4309E+02	2.324	.416

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.4297E+02	2.947	.330	1.3186E+02	1.876	.272	1.1822E+02	1.882	.484
1.4275E+02	4.090	.264	1.3088E+02	1.624	.279	1.1806E+02	.824	.792
1.4253E+02	4.338	.278	1.3005E+02	1.613	.419	1.1789E+02	1.042	.635
1.4229E+02	3.348	.369	1.2981E+02	1.735	.429	1.1773E+02	.713	.764
1.4209E+02	2.421	.346	1.2962E+02	2.668	.383	1.1756E+02	.906	.772
1.4190E+02	1.989	.435	1.2928E+02	3.061	.243	1.1726E+02	.670	.727
1.4177E+02	1.527	.480	1.2908E+02	2.923	.338	1.1625E+02	.672	.373
1.4165E+02	1.340	.469	1.2897E+02	2.077	.496	1.1532E+02	.704	.743
1.4151E+02	1.312	.700	1.2886E+02	1.791	.433	1.1510E+02	1.062	.630
1.4138E+02	.899	.834	1.2874E+02	1.829	.470	1.1497E+02	.806	.739
1.4122E+02	1.063	.573	1.2852E+02	1.371	.429	1.1468E+02	.723	.685
1.4099E+02	1.119	.682	1.2803E+02	1.197	.336	1.1426E+02	.655	.527
1.4062E+02	.870	.589	1.2662E+02	.989	.290	1.1347E+02	.691	.534
1.4019E+02	1.011	.551	1.2480E+02	.875	.325	1.1293E+02	.850	.878
1.3992E+02	1.625	.438	1.2376E+02	.824	.657	1.1277E+02	1.349	.513
1.3970E+02	2.213	.442	1.2355E+02	.862	.676	1.1262E+02	1.947	.427
1.3934E+02	2.222	.336	1.2337E+02	.993	.699	1.1247E+02	2.578	.425
1.3906E+02	2.159	.467	1.2305E+02	.675	.703	1.1237E+02	2.561	.350
1.3893E+02	2.763	.383	1.2284E+02	.635	1.053	1.1228E+02	3.289	.311
1.3881E+02	3.701	.315	1.2273E+02	.787	.856	1.1219E+02	3.877	.359
1.3868E+02	4.829	.272	1.2263E+02	.532	1.206	1.1210E+02	5.101	.256
1.3855E+02	5.731	.223	1.2252E+02	.558	.901	1.1200E+02	4.622	.235
1.3844E+02	5.545	.213	1.2242E+02	.820	.836	1.1191E+02	4.643	.286
1.3830E+02	4.759	.259	1.2231E+02	.580	1.117	1.1182E+02	3.590	.310
1.3817E+02	3.865	.307	1.2221E+02	.895	.703	1.1173E+02	3.291	.329
1.3802E+02	2.858	.322	1.2210E+02	.657	1.023	1.1164E+02	2.731	.360
1.3780E+02	1.698	.542	1.2197E+02	.885	.771	1.1155E+02	2.498	.398
1.3760E+02	1.133	.670	1.2165E+02	.881	.533	1.1139E+02	1.544	.505
1.3742E+02	1.006	.789	1.2144E+02	.842	.789	1.1124E+02	1.483	.534
1.3730E+02	1.363	.579	1.2127E+02	1.071	.686	1.1109E+02	1.048	.617
1.3717E+02	1.431	.657	1.2117E+02	.767	.925	1.1093E+02	1.409	.592
1.3698E+02	1.603	.544	1.2106E+02	1.096	.610	1.1066E+02	.750	.696
1.3677E+02	1.219	.664	1.2093E+02	.879	.731	1.1036E+02	.718	.673
1.3641E+02	1.123	.520	1.2062E+02	1.585	.324	1.1019E+02	.716	1.042
1.3615E+02	1.226	.523	1.2041E+02	2.246	.369	1.1003E+02	.946	.781
1.3594E+02	1.236	.603	1.2024E+02	2.660	.339	1.0966E+02	.643	.552
1.3559E+02	1.028	.561	1.1994E+02	2.606	.284	1.0914E+02	.837	.856
1.3518E+02	1.060	.507	1.1973E+02	2.820	.334	1.0888E+02	.570	.959
1.3477E+02	1.069	.544	1.1956E+02	3.218	.255	1.0858E+02	.572	.915
1.3437E+02	1.294	.476	1.1943E+02	2.605	.341	1.0829E+02	.514	.930
1.3411E+02	1.712	.484	1.1926E+02	2.390	.241	1.0812E+02	.531	1.252
1.3392E+02	1.382	.646	1.1906E+02	2.721	.316	1.0798E+02	.817	.859
1.3357E+02	1.285	.522	1.1893E+02	2.475	.388	1.0771E+02	.572	.893
1.3317E+02	1.222	.497	1.1882E+02	1.813	.401	1.0755E+02	.793	.918
1.3277E+02	1.389	.505	1.1859E+02	2.028	.347	1.0740E+02	.836	.764
1.3238E+02	1.677	.446	1.1839E+02	1.965	.413	1.0713E+02	.548	.946

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.0685E+02	.577	.945	9.8184E+01	2.846	.504	9.2588E+01	3.156	.388
1.0669E+02	.764	.950	9.8120E+01	3.264	.375	9.2473E+01	3.822	.370
1.0654E+02	.566	1.143	9.8033E+01	5.275	.283	9.2351E+01	4.727	.422
1.0640E+02	.554	1.194	9.7958E+01	6.556	.320	9.2282E+01	4.350	.460
1.0626E+02	.854	1.035	9.7870E+01	5.560	.260	9.2213E+01	3.241	.480
1.0611E+02	.542	1.315	9.7733E+01	5.012	.384	9.2129E+01	1.732	.610
1.0597E+02	.785	.907	9.7620E+01	4.226	.308	9.2008E+01	.996	1.211
1.0572E+02	.585	.887	9.7509E+01	3.236	.495	9.1798E+01	1.217	.598
1.0534E+02	.559	.627	9.7434E+01	2.329	.468	9.1667E+01	.786	1.289
1.0488E+02	.503	1.009	9.7371E+01	2.352	.427	9.1599E+01	1.079	1.330
1.0460E+02	.507	1.043	9.7247E+01	.965	.794	9.1531E+01	.638	1.588
1.0442E+02	.855	.931	9.6803E+01	.778	.563	9.1345E+01	1.035	.675
1.0434E+02	.753	1.129	9.6399E+01	.788	1.213	9.1120E+01	.913	.753
1.0426E+02	1.111	.761	9.6326E+01	1.239	.943	9.0991E+01	1.561	.867
1.0417E+02	.886	.914	9.6263E+01	1.239	.764	9.0885E+01	1.137	.798
1.0409E+02	1.736	.578	9.6179E+01	1.003	1.043	9.0773E+01	1.323	.718
1.0401E+02	1.346	.660	9.6106E+01	1.366	.892	9.0655E+01	1.393	.888
1.0389E+02	1.244	.614	9.6033E+01	1.085	1.062	9.0550E+01	.868	1.067
1.0376E+02	.813	1.090	9.5960E+01	1.638	.792	9.0455E+01	.753	1.412
1.0350E+02	.714	.799	9.5582E+01	1.502	.363	9.0388E+01	1.194	1.041
1.0336E+02	.827	.982	9.5164E+01	1.481	.875	9.0227E+01	1.082	.690
1.0321E+02	.717	.894	9.5092E+01	1.189	.958	9.0106E+01	.712	1.187
1.0307E+02	.568	1.343	9.5021E+01	1.632	.824	8.9990E+01	.999	1.192
1.0295E+02	.780	1.046	9.4934E+01	1.442	.652	8.9885E+01	.736	1.267
1.0259E+02	.535	.616	9.4805E+01	1.663	.767	8.9792E+01	.798	1.402
1.0215E+02	.487	1.083	9.4734E+01	2.109	.704	8.9726E+01	1.463	.907
1.0200E+02	.739	1.004	9.4590E+01	1.405	.466	8.9665E+01	1.530	.750
1.0187E+02	.514	1.176	9.4353E+01	1.108	.599	8.9555E+01	2.156	.632
1.0175E+02	.516	1.485	9.4165E+01	.940	1.232	8.9347E+01	1.708	.520
1.0167E+02	.829	1.201	9.4103E+01	1.443	.555	8.9228E+01	1.177	.761
1.0159E+02	.525	1.466	9.4024E+01	2.680	.552	8.9119E+01	1.760	.683
1.0136E+02	.524	1.103	9.3953E+01	4.034	.445	8.9006E+01	2.125	.646
1.0109E+02	.602	.936	9.3882E+01	4.857	.374	8.8902E+01	2.972	.436
1.0095E+02	.819	1.051	9.3812E+01	6.418	.359	8.8794E+01	5.041	.314
1.0081E+02	.880	.904	9.3750E+01	7.971	.215	8.8682E+01	5.769	.322
1.0057E+02	.536	.981	9.3633E+01	10.319	.196	8.8617E+01	7.603	.322
1.0031E+02	.586	.957	9.3516E+01	8.998	.198	8.8552E+01	14.254	.598
9.9958E+01	.582	.669	9.3391E+01	7.852	.334	8.8488E+01	21.639	.169
9.9314E+01	.595	.682	9.3321E+01	6.610	.343	8.8423E+01	36.882	.157
9.8768E+01	.659	.889	9.3251E+01	5.268	.395	8.8363E+01	43.663	.122
9.8637E+01	.848	1.110	9.3166E+01	4.019	.403	8.8256E+01	49.616	.116
9.8562E+01	1.434	.785	9.3042E+01	2.665	.570	8.8166E+01	46.511	.130
9.8486E+01	1.002	.932	9.2973E+01	2.467	.635	8.8102E+01	39.248	.274
9.8410E+01	.998	.969	9.2903E+01	2.915	.579	8.8038E+01	30.487	.567
9.8334E+01	2.021	.628	9.2818E+01	2.041	.527	8.7974E+01	26.643	.760
9.8259E+01	1.890	.578	9.2696E+01	2.992	.583	8.7910E+01	8.769	.603

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
8.7847E+01	6.164	.418	8.3334E+01	.949	1.016	7.9773E+01	2.386	.742
8.7783E+01	3.941	.474	8.3138E+01	.998	.961	7.9718E+01	2.181	.815
8.7722E+01	3.820	.367	8.3016E+01	1.998	.735	7.9535E+01	1.017	1.205
8.7655E+01	3.085	.509	8.2937E+01	1.071	1.267	7.9281E+01	.998	.777
8.7592E+01	3.809	.469	8.2840E+01	1.912	.697	7.8985E+01	1.312	1.043
8.7528E+01	2.518	.617	8.2742E+01	2.938	.527	7.8898E+01	1.488	1.082
8.7413E+01	3.316	.339	8.2665E+01	4.263	.437	7.8803E+01	.840	1.860
8.7299E+01	3.867	.431	8.2607E+01	6.677	.286	7.8626E+01	.705	1.569
8.7194E+01	4.343	.392	8.2548E+01	8.260	.273	7.8376E+01	.791	1.038
8.7086E+01	6.242	.348	8.2491E+01	7.556	.314	7.7929E+01	.763	1.071
8.6984E+01	5.534	.307	8.2433E+01	5.468	.401	7.7664E+01	1.462	1.059
8.6879E+01	3.851	.403	8.2354E+01	3.577	.477	7.7555E+01	.896	1.311
8.6772E+01	4.160	.527	8.2259E+01	3.892	.496	7.7378E+01	1.223	1.129
8.6709E+01	2.944	.577	8.2162E+01	1.810	.615	7.7203E+01	.885	1.492
8.6647E+01	2.112	.577	8.2065E+01	2.335	.690	7.7028E+01	.864	1.386
8.6584E+01	2.406	.613	8.1971E+01	2.344	.663	7.6939E+01	1.195	1.225
8.6522E+01	1.508	.953	8.1874E+01	1.162	1.017	7.6852E+01	2.148	.791
8.6462E+01	1.249	.827	8.1778E+01	1.556	.825	7.6770E+01	1.190	1.227
8.6397E+01	.865	1.322	8.1592E+01	1.862	.606	7.6678E+01	1.229	1.238
8.6335E+01	1.302	.959	8.1492E+01	3.626	.467	7.6506E+01	.489	2.272
8.6254E+01	.992	1.239	8.1399E+01	5.479	.386	7.6333E+01	.501	2.373
8.6149E+01	1.370	.927	8.1342E+01	7.898	.311	7.6161E+01	.745	1.804
8.6048E+01	1.057	.930	8.1285E+01	10.441	.269	7.6074E+01	1.298	1.210
8.5963E+01	1.401	.904	8.1228E+01	15.272	.233	7.5994E+01	.625	2.853
8.5902E+01	.846	1.399	8.1172E+01	21.321	.223	7.5903E+01	.499	3.290
8.5746E+01	1.175	.871	8.1113E+01	32.805	.133	7.5818E+01	.830	2.244
8.5541E+01	.931	.940	8.1058E+01	37.877	.125	7.5737E+01	1.447	1.196
8.5432E+01	1.022	1.200	8.1002E+01	40.962	.150	7.5647E+01	.627	2.823
8.5349E+01	1.940	.869	8.0945E+01	40.756	.138	7.5478E+01	.792	1.471
8.5288E+01	1.039	1.203	8.0889E+01	45.516	.114	7.5309E+01	1.291	1.113
8.5134E+01	.674	1.193	8.0833E+01	45.518	.118	7.5224E+01	1.749	1.198
8.4931E+01	.726	1.023	8.0776E+01	37.701	.194	7.5140E+01	1.377	1.190
8.4729E+01	.813	1.114	8.0720E+01	38.296	.178	7.4905E+01	.839	1.129
8.4621E+01	1.126	1.095	8.0664E+01	21.281	.264	7.4662E+01	1.919	.910
8.4561E+01	.747	1.651	8.0608E+01	15.990	.277	7.4611E+01	3.374	.611
8.4500E+01	1.194	1.064	8.0552E+01	11.153	.415	7.4554E+01	4.199	.484
8.4440E+01	.659	1.762	8.0496E+01	9.993	.307	7.4509E+01	3.493	.611
8.4380E+01	1.127	1.090	8.0440E+01	5.215	.484	7.4458E+01	2.551	.742
8.4320E+01	.786	1.608	8.0363E+01	3.703	.479	7.4388E+01	2.603	.750
8.4260E+01	1.150	1.092	8.0273E+01	1.933	.874	7.4305E+01	2.738	.509
8.4127E+01	.713	1.202	8.0217E+01	2.423	.715	7.4204E+01	5.445	.475
8.4021E+01	1.108	1.102	8.0161E+01	1.222	1.186	7.4153E+01	9.406	.337
8.3922E+01	.618	1.768	8.0084E+01	1.907	.746	7.4102E+01	14.442	.252
8.3729E+01	.694	1.220	7.9995E+01	1.583	.824	7.4057E+01	23.793	.167
8.3624E+01	.803	1.276	7.9900E+01	1.967	.815	7.4001E+01	37.066	.146
8.3526E+01	1.347	.972	7.9829E+01	4.040	.470	7.3950E+01	45.494	.138

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
7.3893E+01	62.096	.125	6.9207E+01	2.486	1.262	5.7421E+01	7.242	1.243
7.3849E+01	84.706	.118	6.9130E+01	2.425	1.153	5.7356E+01	5.229	1.183
7.3798E+01	106.850	.114	6.9060E+01	1.245	2.279	5.7298E+01	5.579	1.788
7.3747E+01	124.440	.127	6.8978E+01	.977	2.010	5.7253E+01	3.582	2.541
7.3697E+01	140.660	.104	6.8830E+01	.625	3.216	5.7209E+01	8.203	1.257
7.3647E+01	147.870	.093	6.8622E+01	.499	2.751	5.7132E+01	9.586	.723
7.3595E+01	138.470	.104	6.8256E+01	1.000	1.425	5.7075E+01	10.973	.997
7.3545E+01	117.100	.181	6.7953E+01	1.110	1.972	5.7030E+01	10.512	.994
7.3494E+01	91.570	.145	6.7812E+01	2.399	1.559	5.6986E+01	3.423	2.718
7.3443E+01	50.951	.263	6.7742E+01	3.725	1.138	5.6660E+01	.119	24.835
7.3393E+01	26.509	.185	6.7668E+01	4.088	1.002	5.6112E+01	-.940	3.235
7.3322E+01	23.731	.215	6.7597E+01	5.381	.839	5.5713E+01	-.083	55.535
7.3241E+01	18.702	.299	6.7520E+01	3.642	.790	5.5445E+01	3.056	1.748
7.3191E+01	12.824	.335	6.7377E+01	4.220	.695	5.5040E+01	-.534	7.008
7.3140E+01	6.050	.492	6.7175E+01	2.837	.630	5.4515E+01	-.865	4.452
7.3079E+01	3.427	.645	6.6950E+01	3.036	.831	5.3999E+01	-.308	14.583
7.2997E+01	3.481	.514	6.6809E+01	2.226	1.107	5.3489E+01	.518	9.805
7.2836E+01	2.565	.732	6.6668E+01	1.891	1.436	5.2986E+01	.046	110.340
7.2676E+01	1.119	1.230	6.6468E+01	1.057	1.621	5.2621E+01	.554	14.914
7.2516E+01	1.029	1.338	6.5939E+01	.433	2.785	5.2420E+01	2.070	5.845
7.2436E+01	1.761	1.139	6.5252E+01	.378	3.159	5.2322E+01	15.413	.856
7.2358E+01	2.501	.930	6.4575E+01	-.044	28.836	5.2225E+01	5.763	1.975
7.2285E+01	1.193	1.648	6.3909E+01	.119	11.197	5.2127E+01	-.462	24.673
7.2198E+01	.852	1.819	6.3253E+01	.316	4.598	5.2042E+01	3.104	5.197
7.2039E+01	2.028	.886	6.2607E+01	.689	2.633	5.1888E+01	-.051	157.217
7.1881E+01	2.187	.827	6.1972E+01	.346	5.068	5.1521E+01	1.387	4.825
7.1734E+01	.919	1.999	6.1345E+01	.399	4.727	5.1046E+01	1.902	4.056
7.1647E+01	2.618	.852	6.0728E+01	1.031	1.828	5.0577E+01	.327	22.235
7.1569E+01	2.086	.983	6.0400E+01	.662	7.571	5.0115E+01	.187	43.801
7.1069E+01	.650	1.245	6.0331E+01	6.257	1.423	4.9659E+01	3.233	2.605
7.0639E+01	1.723	1.511	6.0285E+01	6.451	1.117	4.9210E+01	-4.405	1.867
7.0563E+01	.687	2.852	6.0218E+01	.450	10.752	4.8766E+01	-5.200	1.536
7.0490E+01	1.230	2.004	6.0150E+01	.384	10.367	4.8329E+01	-5.668	1.536
7.0410E+01	2.579	.999	6.0037E+01	1.338	3.588	4.7897E+01	-7.062	1.340
7.0341E+01	3.413	.796	5.9964E+01	4.637	1.641	4.7471E+01	-4.243	2.548
7.0257E+01	6.268	.524	5.9919E+01	5.038	1.692	4.7051E+01	-2.944	4.253
7.0193E+01	5.473	.629	5.9873E+01	1.288	4.782	4.6636E+01	-2.561	4.705
7.0143E+01	3.686	.793	5.9522E+01	-.550	3.750	4.6430E+01	34.740	1.046
7.0027E+01	3.345	.646	5.8933E+01	-.269	8.458	4.6390E+01	59.173	.717
6.9876E+01	3.763	.585	5.8352E+01	-.017	139.096	4.6350E+01	63.342	.607
6.9798E+01	5.310	.701	5.7928E+01	-.789	3.881	4.6310E+01	86.159	.426
6.9728E+01	3.680	.744	5.7695E+01	-.112	42.818	4.6270E+01	153.010	.337
6.9650E+01	2.861	1.128	5.7611E+01	1.604	4.380	4.6230E+01	252.610	.235
6.9575E+01	1.252	1.600	5.7566E+01	4.894	1.984	4.6189E+01	270.690	.214
6.9425E+01	.648	2.525	5.7522E+01	1.050	7.279	4.6149E+01	209.010	.258
6.9278E+01	1.095	2.538	5.7478E+01	4.674	1.742	4.6091E+01	147.920	.316

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
4.6010E+01	126.100	.377	4.5135E+01	-1.987	11.949	4.3831E+01	-9.706	3.832
4.5949E+01	93.830	.516	4.4987E+01	5.732	6.731	4.3756E+01	25.128	1.656
4.5909E+01	59.293	.685	4.4947E+01	26.033	1.769	4.3507E+01	-8.293	2.460
4.5849E+01	31.098	1.217	4.4901E+01	16.341	2.186	4.3236E+01	-.799	36.586
4.5729E+01	18.009	1.232	4.4642E+01	-.036	542.845	4.3091E+01	-10.840	3.455
4.5530E+01	28.352	.957	4.4259E+01	-5.992	3.297	4.3036E+01	-1.600	26.867
4.5332E+01	-2.227	10.925	4.3981E+01	-13.089	1.871	4.2997E+01	.702	82.723

VII. ^{238}Pu: D. M. Drake, C. D. Bowman, M. S. Coops, and R. W. Hoff[13]

The cross section near threshold, determined from a high-resolution recording of the 55° signal, is plotted in Fig. 14. The line is a computer-drawn "curve-to-guide-the-eye" generated by taking a Gaussian-weighted running average of standard deviation 0.2 μsec every 0.2 μsec, and connecting those points with cubic segments by 4-point progressive interpolation.

One reading of each angle (55° data denoted by x, 90° data by *) is plotted in Figs. 15 and 16, with a line drawn through the average. A shift of -0.10 mV has been made in the 90° signal, but this is not significant above about 60 eV. The data are listed in Table VIII. The correlated error (included in δσ/σ) is ±6.5% above 100 keV and ±4.7% below 10 keV. No corrections have been made for target impurities or for source resolution function.

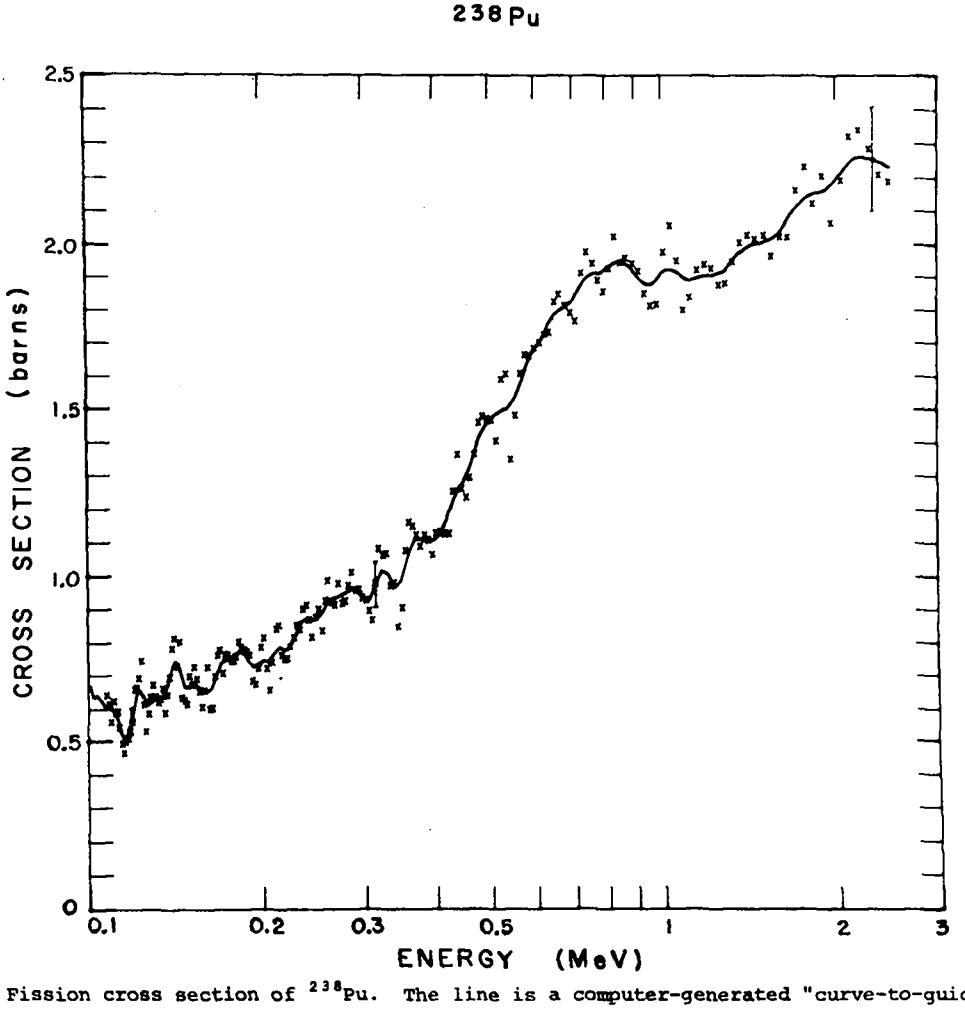

Fig. 14. Fission cross section of ^{238}Pu. The line is a computer-generated "curve-to-guide-the-eye."

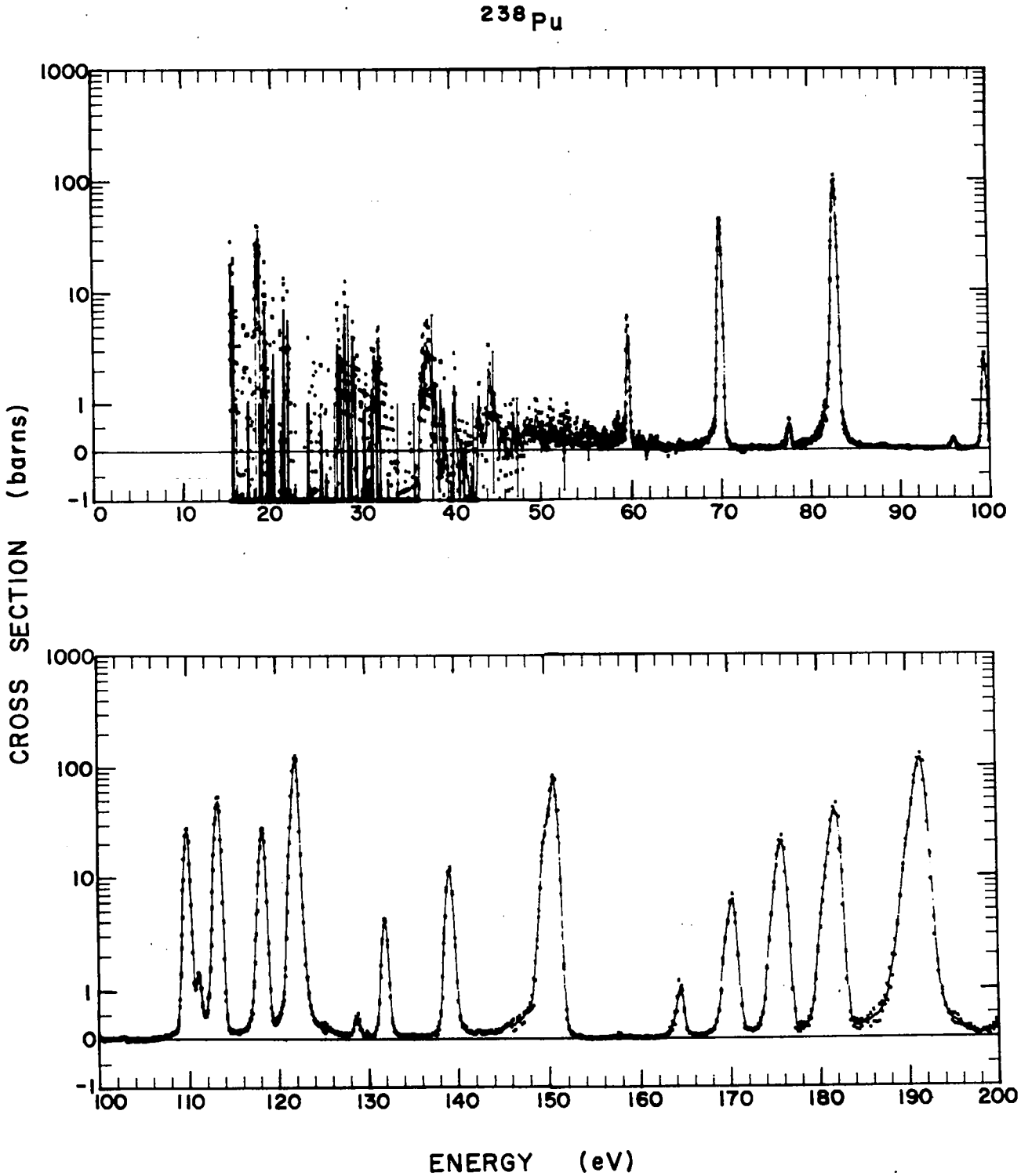

Fig. 15. Fission cross section of ^{238}Pu. Line is average of 55° (x) and 90° (*).

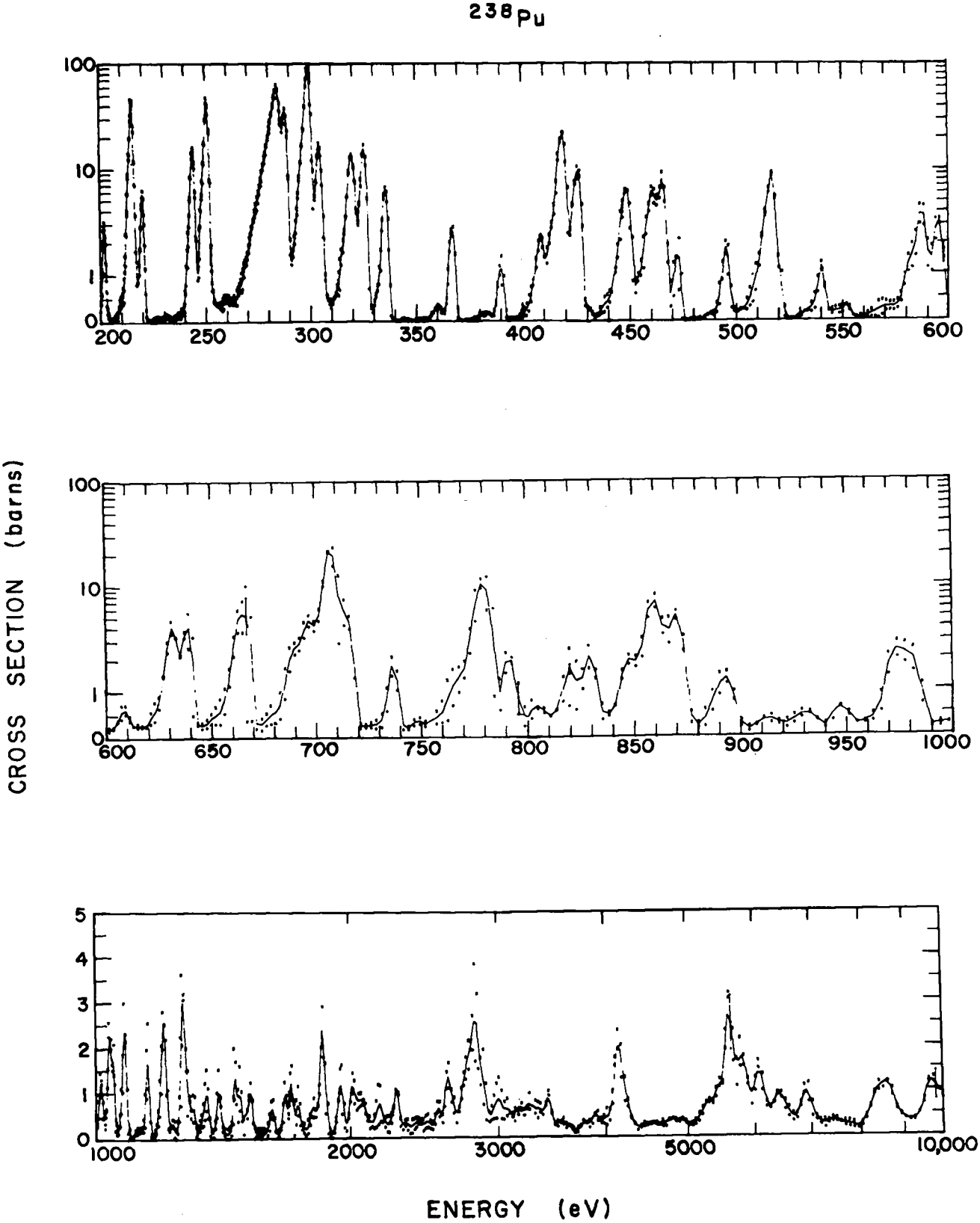

Fig. 16. Fission cross section of ^{238}Pu. Line is average of 55° (x) and 90° (*).

TABLE VIII

FISSION CROSS SECTION OF ^{238}PU (D. M. DRAKE, C. D. BOWMAN, M. S. COOPS, AND R. W. HOFF[13])

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.5825E+06	2.158	.079	7.2438E+05	1.913	.082	3.3507E+05	.971	.082
2.4790E+06	2.191	.078	7.0879E+05	1.764	.080	3.3014E+05	1.068	.082
2.3817E+06	2.206	.078	6.9370E+05	1.789	.079	3.2531E+05	1.062	.080
2.2899E+06	2.287	.078	6.7908E+05	1.812	.079	3.2060E+05	1.082	.086
2.2034E+06	2.339	.079	6.6492E+05	1.848	.079	3.1598E+05	.978	.092
2.1216E+06	2.320	.085	6.5120E+05	1.825	.088	3.1146E+05	.866	.083
2.0444E+06	2.190	.087	6.3790E+05	1.730	.087	3.0704E+05	.896	.084
1.9712E+06	2.063	.079	6.2501E+05	1.727	.079	3.0272E+05	.925	.083
1.9020E+06	2.205	.081	6.1250E+05	1.701	.079	2.9848E+05	.936	.084
1.8363E+06	2.119	.078	6.0036E+05	1.684	.081	2.9433E+05	.961	.083
1.7740E+06	2.231	.078	5.8858E+05	1.661	.081	2.9027E+05	.956	.082
1.7148E+06	2.161	.078	5.7714E+05	1.665	.079	2.8629E+05	1.009	.083
1.6585E+06	2.022	.083	5.6603E+05	1.609	.079	2.8240E+05	.973	.085
1.6049E+06	2.022	.078	5.5524E+05	1.482	.083	2.7858E+05	.924	.087
1.5539E+06	1.962	.078	5.4476E+05	1.349	.103	2.7484E+05	.919	.095
1.5052E+06	2.026	.078	5.3457E+05	1.607	.088	2.7117E+05	.976	.089
1.4589E+06	2.015	.078	5.2466E+05	1.591	.099	2.6758E+05	.911	.089
1.4146E+06	2.026	.081	5.1503E+05	1.404	.091	2.6406E+05	.920	.090
1.3723E+06	2.005	.083	5.0566E+05	1.467	.090	2.6060E+05	.986	.086
1.3319E+06	1.945	.081	4.9654E+05	1.469	.081	2.5722E+05	.925	.085
1.2933E+06	1.882	.079	4.8767E+05	1.479	.080	2.5390E+05	.835	.082
1.2563E+06	1.876	.078	4.7903E+05	1.460	.080	2.5064E+05	.901	.087
1.2208E+06	1.924	.078	4.7062E+05	1.364	.082	2.4745E+05	.877	.088
1.1869E+06	1.938	.078	4.6243E+05	1.294	.080	2.4431E+05	.815	.086
1.1543E+06	1.920	.079	4.5445E+05	1.237	.082	2.4124E+05	.870	.085
1.1231E+06	1.840	.084	4.4668E+05	1.262	.085	2.3822E+05	.913	.086
1.0931E+06	1.798	.078	4.3911E+05	1.363	.088	2.3526E+05	.900	.087
1.0643E+06	1.949	.080	4.3172E+05	1.252	.094	2.3235E+05	.839	.087
1.0367E+06	2.054	.079	4.2452E+05	1.125	.081	2.2950E+05	.853	.096
1.0101E+06	1.972	.092	4.1750E+05	1.127	.087	2.2670E+05	.814	.089
9.8446E+05	1.816	.078	4.1065E+05	1.128	.080	2.2395E+05	.789	.088
9.5982E+05	1.813	.079	4.0397E+05	1.130	.081	2.2125E+05	.753	.089
9.3610E+05	1.849	.079	3.9745E+05	1.066	.080	2.1860E+05	.753	.090
9.1325E+05	1.917	.079	3.9109E+05	1.109	.081	2.1600E+05	.764	.087
8.9122E+05	1.939	.087	3.8488E+05	1.123	.084	2.1344E+05	.854	.085
8.6998E+05	1.956	.079	3.7881E+05	1.090	.082	2.1093E+05	.841	.088
8.4949E+05	1.943	.081	3.7289E+05	1.123	.082	2.0846E+05	.740	.093
8.2972E+05	2.024	.081	3.6711E+05	1.148	.081	2.0604E+05	.655	.092
8.1063E+05	1.925	.080	3.6145E+05	1.161	.084	2.0365E+05	.722	.101
7.9219E+05	1.856	.078	3.5593E+05	1.074	.083	2.0131E+05	.815	.089
7.7437E+05	1.890	.079	3.5054E+05	.903	.095	1.9901E+05	.785	.087
7.5715E+05	1.938	.079	3.4526E+05	.846	.106	1.9675E+05	.722	.090
7.4049E+05	1.972	.081	3.4011E+05	.981	.081	1.9452E+05	.674	.085

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.9234E+05	.684	.094	1.2129E+05	.666	.090	7.5872E+03	.280	.371
1.9019E+05	.764	.087	1.2022E+05	.658	.101	7.5030E+03	.343	.367
1.8807E+05	.770	.089	1.1915E+05	.561	.104	7.4201E+03	.356	.348
1.8600E+05	.777	.084	1.1810E+05	.530	.109	7.3387E+03	.304	.352
1.8395E+05	.787	.089	1.1707E+05	.506	.110	7.2585E+03	.261	.371
1.8194E+05	.802	.089	1.1604E+05	.499	.096	7.1797E+03	.291	.370
1.7996E+05	.757	.089	1.1503E+05	.466	.110	7.1022E+03	.377	.350
1.7801E+05	.747	.091	1.1404E+05	.493	.111	7.0259E+03	.579	.378
1.7610E+05	.744	.090	1.1305E+05	.542	.096	6.9508E+03	.939	.350
1.7422E+05	.762	.091	1.1208E+05	.591	.106	6.8769E+03	1.006	.329
1.7236E+05	.762	.095	1.1112E+05	.590	.105	6.8042E+03	.686	.331
1.7054E+05	.707	.090	1.1018E+05	.624	.093	6.7327E+03	.427	.325
1.6874E+05	.778	.094	1.0924E+05	.559	.104	6.6622E+03	.404	.339
1.6697E+05	.763	.094	1.0832E+05	.613	.095	6.5929E+03	.519	.339
1.6523E+05	.698	.095	1.0741E+05	.643	.105	6.5246E+03	.670	.321
1.6352E+05	.602	.128	1.0651E+05	.604	.093	6.4574E+03	.884	.315
1.6184E+05	.599	.095	1.0563E+05	.531	.096	6.3913E+03	.943	.304
1.6017E+05	.725	.085	1.0475E+05	.624	.092	6.3261E+03	.735	.301
1.5854E+05	.655	.099	1.0388E+05	.756	.098	6.2619E+03	.610	.306
1.5693E+05	.605	.088	1.0303E+05	.680	.098	6.1987E+03	.692	.307
1.5534E+05	.653	.091	1.0218E+05	.557	.107	6.1365E+03	1.172	.318
1.5378E+05	.691	.096	1.0135E+05	.534	.097	6.0752E+03	1.565	.291
1.5224E+05	.725	.093	1.0052E+05	.688	.114	6.0148E+03	1.127	.295
1.5073E+05	.673	.088	9.9948E+03	.861	.430	5.9553E+03	.832	.321
1.4924E+05	.699	.093	9.8676E+03	.986	.411	5.8967E+03	1.189	.303
1.4776E+05	.615	.092	9.7429E+03	1.212	.421	5.8389E+03	1.648	.290
1.4632E+05	.626	.125	9.6204E+03	1.184	.400	5.7820E+03	1.832	.283
1.4489E+05	.634	.143	9.5003E+03	.758	.405	5.7259E+03	1.393	.284
1.4348E+05	.803	.128	9.3824E+03	.458	.482	5.6706E+03	1.985	.387
1.4209E+05	.730	.104	9.2667E+03	.349	.476	5.6161E+03	3.098	.308
1.4073E+05	.812	.108	9.1531E+03	.335	.405	5.5625E+03	2.126	.289
1.3938E+05	.782	.089	9.0416E+03	.361	.486	5.5095E+03	1.163	.269
1.3805E+05	.694	.102	8.9321E+03	.450	.474	5.4573E+03	1.164	.269
1.3674E+05	.641	.098	8.8246E+03	.591	.406	5.4059E+03	.953	.268
1.3545E+05	.588	.089	8.7190E+03	.944	.409	5.3552E+03	.744	.268
1.3418E+05	.662	.101	8.6154E+03	1.170	.379	5.3052E+03	.775	.268
1.3293E+05	.631	.100	8.5135E+03	1.127	.462	5.2559E+03	.733	.312
1.3169E+05	.620	.089	8.4135E+03	1.067	.457	5.2072E+03	.548	.334
1.3047E+05	.637	.100	8.3151E+03	.924	.363	5.1593E+03	.407	.272
1.2927E+05	.673	.102	8.2185E+03	.620	.363	5.1120E+03	.315	.276
1.2808E+05	.637	.090	8.1236E+03	.388	.366	5.0653E+03	.264	.293
1.2691E+05	.586	.100	8.0304E+03	.236	.381	5.0193E+03	.258	.293
1.2576E+05	.529	.092	7.9387E+03	.190	.515	4.9740E+03	.316	.290
1.2462E+05	.613	.125	7.8485E+03	.225	.496	4.9292E+03	.360	.317
1.2350E+05	.746	.097	7.7599E+03	.248	.392	4.8850E+03	.329	.326
1.2239E+05	.693	.098	7.6728E+03	.255	.378	4.8414E+03	.349	.267

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
4.7984E+03	.390	.317	3.3061E+03	.691	.168	2.4002E+03	.334	.195
4.7560E+03	.367	.315	3.2578E+03	.810	.209	2.3852E+03	.296	.211
4.7141E+03	.299	.350	3.2340E+03	.678	.162	2.3703E+03	.249	.241
4.6728E+03	.287	.358	3.2105E+03	.575	.176	2.3555E+03	.245	.337
4.6320E+03	.294	.339	3.1873E+03	.690	.162	2.3409E+03	.281	.308
4.5918E+03	.278	.343	3.1643E+03	.681	.160	2.3264E+03	.316	.219
4.5520E+03	.299	.266	3.1415E+03	.497	.174	2.3121E+03	.272	.293
4.5128E+03	.280	.271	3.1190E+03	.479	.179	2.2979E+03	.334	.326
4.4741E+03	.268	.284	3.0967E+03	.571	.203	2.2838E+03	.966	.185
4.4359E+03	.279	.281	3.0747E+03	.656	.200	2.2698E+03	1.128	.184
4.3982E+03	.222	.290	3.0529E+03	.586	.157	2.2560E+03	.678	.160
4.3610E+03	.205	.389	3.0314E+03	.713	.247	2.2423E+03	.433	.168
4.3242E+03	.293	.330	3.0100E+03	.874	.199	2.2287E+03	.296	.230
4.2879E+03	.418	.259	2.9889E+03	.795	.168	2.2152E+03	.300	.228
4.2520E+03	.738	.247	2.9680E+03	.657	.159	2.2019E+03	.335	.214
4.2166E+03	1.044	.221	2.9474E+03	.528	.163	2.1887E+03	.489	.318
4.1816E+03	1.664	.233	2.9269E+03	.444	.179	2.1756E+03	.746	.523
4.1471E+03	2.168	.201	2.9067E+03	.778	.409	2.1626E+03	.725	.262
4.1130E+03	1.661	.213	2.8866E+03	1.325	.213	2.1497E+03	.519	.163
4.0793E+03	.867	.238	2.8668E+03	1.450	.125	2.1370E+03	.349	.204
4.0460E+03	.487	.222	2.8472E+03	2.340	.138	2.1244E+03	.366	.254
4.0132E+03	.449	.232	2.8278E+03	2.753	.124	2.1118E+03	.337	.265
3.9807E+03	.387	.235	2.8086E+03	2.301	.123	2.0994E+03	.422	.346
3.9486E+03	.360	.234	2.7895E+03	2.022	.126	2.0871E+03	.645	.219
3.9169E+03	.460	.229	2.7707E+03	1.808	.127	2.0749E+03	.792	.141
3.8856E+03	.502	.219	2.7520E+03	1.519	.128	2.0628E+03	.850	.138
3.8547E+03	.395	.288	2.7336E+03	1.277	.131	2.0508E+03	.819	.143
3.8241E+03	.297	.305	2.7153E+03	.955	.134	2.0389E+03	.802	.207
3.7939E+03	.327	.227	2.6972E+03	.607	.149	2.0272E+03	1.001	.285
3.7640E+03	.333	.281	2.6793E+03	.466	.224	2.0155E+03	1.190	.152
3.7345E+03	.257	.316	2.6616E+03	.702	.226	2.0039E+03	1.015	.172
3.7054E+03	.170	.300	2.6440E+03	.915	.208	1.9924E+03	.466	.221
3.6766E+03	.146	.439	2.6266E+03	1.362	.148	1.9811E+03	.259	.235
3.6481E+03	.223	.332	2.6094E+03	1.252	.142	1.9698E+03	.493	.275
3.6199E+03	.256	.303	2.5924E+03	.779	.238	1.9586E+03	1.064	.156
3.5921E+03	.262	.291	2.5755E+03	.406	.284	1.9475E+03	1.253	.143
3.5646E+03	.365	.225	2.5588E+03	.620	.163	1.9365E+03	.829	.160
3.5374E+03	.402	.259	2.5422E+03	.658	.151	1.9256E+03	.394	.197
3.5105E+03	.315	.285	2.5258E+03	.391	.212	1.9148E+03	.170	.352
3.4840E+03	.299	.228	2.5096E+03	.251	.260	1.9041E+03	.059	.851
3.4577E+03	.555	.256	2.4935E+03	.282	.234	1.8934E+03	.101	.518
3.4317E+03	.978	.179	2.4776E+03	.366	.196	1.8829E+03	.426	.483
3.4060E+03	.739	.171	2.4618E+03	.341	.196	1.8724E+03	1.082	.234
3.3806E+03	.534	.236	2.4462E+03	.274	.224	1.8621E+03	2.330	.143
3.3555E+03	.651	.214	2.4307E+03	.350	.198	1.8518E+03	2.417	.162
3.3307E+03	.614	.176	2.4154E+03	.365	.188	1.8416E+03	1.059	.149

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.8315E+03	.728	.154	1.4363E+03	.136	.396	1.1615E+03	.092	.748
1.8214E+03	.548	.172	1.4293E+03	.087	.599	1.1565E+03	.585	.715
1.8115E+03	.670	.137	1.4224E+03	.086	.911	1.1514E+03	1.837	.439
1.8016E+03	.691	.191	1.4155E+03	.150	.465	1.1464E+03	1.428	.281
1.7918E+03	.409	.260	1.4087E+03	.213	.300	1.1415E+03	.632	.204
1.7821E+03	.259	.252	1.4019E+03	.807	.362	1.1365E+03	.303	.238
1.7725E+03	.188	.432	1.3952E+03	1.177	.227	1.1316E+03	.216	.287
1.7630E+03	.220	.376	1.3886E+03	.726	.156	1.1267E+03	.205	.329
1.7535E+03	.261	.245	1.3819E+03	.303	.223	1.1219E+03	.200	.366
1.7441E+03	.521	.226	1.3753E+03	.146	.582	1.1171E+03	.185	.340
1.7348E+03	.818	.158	1.3688E+03	.082	.963	1.1123E+03	.157	.383
1.7255E+03	.568	.164	1.3623E+03	.264	.569	1.1076E+03	.112	4.157
1.7163E+03	.414	.962	1.3559E+03	.789	.213	1.1028E+03	.023	3.489
1.7072E+03	1.221	.281	1.3495E+03	1.065	.133	1.0981E+03	.033	1.809
1.6982E+03	1.182	.167	1.3432E+03	.821	.141	1.0935E+03	.135	.489
1.6893E+03	.492	.521	1.3369E+03	.537	.167	1.0888E+03	.634	.688
1.6804E+03	.853	.378	1.3306E+03	.402	.201	1.0842E+03	2.233	.196
1.6716E+03	1.047	.240	1.3244E+03	.288	.263	1.0797E+03	2.526	.107
1.6628E+03	.562	.204	1.3182E+03	.155	.415	1.0751E+03	1.451	.131
1.6541E+03	.230	.255	1.3121E+03	.159	.626	1.0706E+03	.844	.134
1.6455E+03	.121	.455	1.3060E+03	.647	.208	1.0661E+03	.423	.209
1.6370E+03	.059	.874	1.3000E+03	.669	.168	1.0617E+03	.201	.362
1.6285E+03	.306	.401	1.2940E+03	.544	.191	1.0572E+03	.146	.453
1.6201E+03	.637	.199	1.2880E+03	.886	.198	1.0528E+03	.705	.188
1.6117E+03	.625	.141	1.2821E+03	.999	.163	1.0485E+03	1.752	.141
1.6035E+03	.355	.186	1.2762E+03	1.736	.442	1.0441E+03	1.568	.229
1.5952E+03	.204	.317	1.2704E+03	3.125	.306	1.0398E+03	2.099	.274
1.5871E+03	.206	.407	1.2646E+03	2.843	.241	1.0355E+03	2.411	.205
1.5790E+03	.172	.469	1.2588E+03	1.479	.204	1.0312E+03	1.345	.147
1.5710E+03	.139	.418	1.2531E+03	.664	.156	1.0270E+03	.645	.165
1.5630E+03	.137	.416	1.2474E+03	.262	.257	1.0228E+03	.290	.276
1.5551E+03	.153	.396	1.2418E+03	.106	.503	1.0186E+03	.648	.241
1.5472E+03	.131	.445	1.2362E+03	.222	.255	1.0144E+03	1.268	.131
1.5394E+03	.133	.438	1.2306E+03	.345	.197	1.0103E+03	1.204	.131
1.5317E+03	.586	.286	1.2251E+03	.293	.239	1.0062E+03	.665	.195
1.5241E+03	1.049	.161	1.2196E+03	.207	.319	1.0021E+03	.321	.250
1.5164E+03	.902	.127	1.2141E+03	.656	.195	9.9801E+02	.248	.323
1.5089E+03	.544	.155	1.2087E+03	1.577	.265	9.9398E+02	.230	.343
1.4939E+03	.257	.358	1.2033E+03	2.515	.157	9.8996E+02	.182	.393
1.4865E+03	.703	.555	1.1980E+03	2.384	.090	9.8597E+02	.900	.599
1.4792E+03	1.096	.302	1.1927E+03	1.529	.105	9.8201E+02	1.974	.271
1.4719E+03	.721	.146	1.1874E+03	.893	.131	9.7806E+02	2.247	.165
1.4647E+03	1.226	.129	1.1822E+03	.458	.183	9.7415E+02	2.401	.164
1.4575E+03	1.428	.149	1.1769E+03	.240	.295	9.7025E+02	1.751	.149
1.4504E+03	.625	.239	1.1718E+03	.145	.443	9.6638E+02	.711	.189
1.4433E+03	.220	.294	1.1667E+03	.107	.777	9.6253E+02	.372	.236

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
9.5871E+02	.259	.297	8.0472E+02	.693	.236	6.8276E+02	.707	.191
9.5490E+02	.253	.452	8.0179E+02	.613	.238	6.8047E+02	.568	.223
9.5112E+02	.456	.321	7.9888E+02	.454	.197	6.7820E+02	.498	.191
9.4737E+02	.612	.199	7.9599E+02	.848	.435	6.7593E+02	.398	.226
9.4363E+02	.474	.336	7.9311E+02	1.979	.338	6.7368E+02	.295	.363
9.3992E+02	.205	.481	7.9025E+02	1.930	.296	6.7144E+02	.286	.380
9.3623E+02	.317	.256	7.8740E+02	.959	.166	6.6921E+02	2.812	.867
9.3256E+02	.470	.186	7.8457E+02	3.561	.119	6.6699E+02	5.290	.495
9.2891E+02	.459	.198	7.8176E+02	9.221	.228	6.6478E+02	5.507	.215
9.2528E+02	.346	.251	7.7896E+02	10.767	.195	6.6259E+02	4.876	.248
9.2168E+02	.246	.312	7.7617E+02	6.948	.115	6.6040E+02	2.806	.125
9.1809E+02	.280	.277	7.7340E+02	3.157	.188	6.5823E+02	1.399	.120
9.1453E+02	.351	.248	7.7064E+02	1.644	.107	6.5606E+02	.815	.127
9.1099E+02	.335	.331	7.6790E+02	1.340	.118	6.5391E+02	.567	.170
9.0746E+02	.221	.449	7.6517E+02	1.154	.125	6.5177E+02	.486	.193
9.0396E+02	.147	.460	7.6246E+02	.823	.133	6.4963E+02	.414	.216
9.0048E+02	.269	.606	7.5977E+02	.550	.169	6.4751E+02	.317	.248
8.9702E+02	.875	.274	7.5708E+02	.428	.197	6.4540E+02	.264	.306
8.9358E+02	1.325	.155	7.5176E+02	.288	.286	6.4330E+02	.290	.280
8.9015E+02	1.165	.114	7.4912E+02	.355	.234	6.4121E+02	1.027	.111
8.8675E+02	.765	.142	7.4649E+02	.314	.267	6.3913E+02	4.128	.193
8.8337E+02	.391	.219	7.4388E+02	.196	.523	6.3706E+02	3.537	.237
8.8001E+02	.227	.337	7.4128E+02	.254	.388	6.3500E+02	2.225	.204
8.7666E+02	.404	.420	7.3869E+02	1.306	.238	6.3294E+02	3.337	.234
8.7334E+02	2.863	.386	7.3612E+02	1.780	.183	6.3090E+02	4.134	.183
8.7003E+02	5.202	.240	7.3356E+02	.837	.130	6.2887E+02	2.703	.128
8.6674E+02	3.854	.174	7.3101E+02	.365	.230	6.2685E+02	1.407	.106
8.6347E+02	4.139	.434	7.2848E+02	.276	.307	6.2484E+02	.772	.146
8.6022E+02	7.082	.278	7.2596E+02	.267	.285	6.2284E+02	.580	.162
8.5699E+02	5.869	.166	7.2345E+02	.245	.287	6.2085E+02	.441	.189
8.5378E+02	2.634	.109	7.2096E+02	.239	.439	6.1886E+02	.257	.280
8.5058E+02	1.908	.111	7.1848E+02	1.618	.781	6.1689E+02	.256	.315
8.4740E+02	1.974	.125	7.1601E+02	4.600	.245	6.1493E+02	.263	.411
8.4424E+02	1.417	.154	7.1356E+02	5.917	.085	6.1297E+02	.247	.483
8.4110E+02	.689	.178	7.1112E+02	7.899	.518	6.1103E+02	.425	.272
8.3797E+02	.494	.195	7.0869E+02	19.937	.246	6.0909E+02	.624	.174
8.3487E+02	.540	.179	7.0627E+02	21.848	.134	6.0717E+02	.570	.157
8.3178E+02	1.448	.251	7.0386E+02	10.661	.133	6.0525E+02	.372	.214
8.2870E+02	2.164	.176	7.0147E+02	5.474	.106	6.0334E+02	.223	.340
8.2565E+02	1.328	.121	6.9909E+02	4.286	.136	6.0144E+02	.190	.399
8.2260E+02	1.252	.115	6.9672E+02	4.774	.137	5.9955E+02	.222	.305
8.1958E+02	1.603	.119	6.9436E+02	3.936	.116	5.9767E+02	1.550	.235
8.1658E+02	1.067	.151	6.9202E+02	2.886	.087	5.9580E+02	3.176	.145
8.1359E+02	.598	.180	6.8969E+02	2.609	.084	5.9393E+02	2.715	.102
8.1061E+02	.462	.211	6.8736E+02	2.117	.106	5.9208E+02	1.459	.121
8.0766E+02	.579	.189	6.8506E+02	1.261	.147	5.9023E+02	1.621	.445

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
5.8839E+02	3.626	.255	5.1232E+02	2.323	.167	4.5011E+02	3.730	.632
5.8656E+02	3.725	.142	5.1084E+02	1.375	.100	4.4888E+02	6.321	.313
5.8474E+02	2.023	.094	5.0936E+02	.939	.129	4.4766E+02	6.115	.123
5.8293E+02	1.547	.096	5.0788E+02	.684	.143	4.4645E+02	4.208	.084
5.8113E+02	1.271	.133	5.0642E+02	.496	.178	4.4524E+02	3.031	.121
5.7933E+02	.857	.177	5.0495E+02	.338	.261	4.4403E+02	1.680	.107
5.7754E+02	.464	.194	5.0350E+02	.269	.400	4.4283E+02	1.101	.112
5.7576E+02	.321	.259	5.0205E+02	.226	.351	4.4164E+02	.712	.161
5.7399E+02	.273	.278	5.0061E+02	.189	.402	4.4045E+02	.532	.162
5.7223E+02	.280	.267	4.9917E+02	.198	.371	4.3927E+02	.431	.194
5.7048E+02	.289	.259	4.9774E+02	.496	.525	4.3808E+02	.362	.268
5.6873E+02	.252	.299	4.9632E+02	1.410	.257	4.3691E+02	.293	.322
5.6699E+02	.208	.483	4.9490E+02	1.804	.134	4.3574E+02	.219	.310
5.6526E+02	.172	.495	4.9349E+02	1.097	.137	4.3457E+02	.132	.492
5.6354E+02	.131	.478	4.9209E+02	.562	.173	4.3341E+02	.100	.607
5.6182E+02	.097	.963	4.9069E+02	.272	.325	4.3225E+02	.172	.375
5.6012E+02	.086	.929	4.8929E+02	.146	.452	4.3110E+02	.267	.267
5.5842E+02	.065	.914	4.8791E+02	.148	.465	4.2995E+02	.300	.250
5.5673E+02	.045	1.980	4.8652E+02	.120	.574	4.2881E+02	.408	.286
5.5504E+02	.089	.958	4.8515E+02	.066	1.002	4.2767E+02	3.763	.310
5.5337E+02	.245	.261	4.8378E+02	.044	1.394	4.2654E+02	9.000	.193
5.5170E+02	.313	.223	4.8242E+02	.053	1.110	4.2541E+02	9.311	.097
5.5004E+02	.219	.339	4.8106E+02	.045	1.521	4.2428E+02	7.375	.094
5.4838E+02	.200	.424	4.7970E+02	.033	1.865	4.2317E+02	4.593	.179
5.4674E+02	.196	.398	4.7836E+02	.029	2.145	4.2205E+02	2.525	.073
5.4510E+02	.183	.412	4.7702E+02	.016	4.205	4.2094E+02	4.587	.468
5.4347E+02	.179	.435	4.7568E+02	.010	6.218	4.1983E+02	14.386	.218
5.4184E+02	.729	.293	4.7435E+02	.515	.178	4.1873E+02	22.405	.058
5.4023E+02	1.211	.215	4.7303E+02	1.411	.136	4.1763E+02	18.701	.072
5.3862E+02	.754	.154	4.7171E+02	1.447	.150	4.1653E+02	13.028	.124
5.3702E+02	.393	.224	4.7040E+02	.907	.119	4.1544E+02	6.780	.115
5.3542E+02	.261	.306	4.6909E+02	.573	.163	4.1436E+02	4.201	.076
5.3383E+02	.200	.500	4.6778E+02	1.612	.657	4.1328E+02	2.985	.084
5.3225E+02	.159	.660	4.6649E+02	5.780	.247	4.1220E+02	2.198	.072
5.3068E+02	.109	.630	4.6520E+02	7.937	.075	4.1113E+02	1.550	.082
5.2911E+02	.072	1.251	4.6391E+02	5.973	.092	4.1006E+02	1.476	.123
5.2755E+02	.048	1.854	4.6263E+02	5.018	.064	4.0899E+02	2.029	.116
5.2600E+02	.019	3.247	4.6135E+02	5.516	.062	4.0793E+02	2.351	.079
5.2445E+02	.018	3.354	4.6008E+02	6.141	.063	4.0688E+02	1.893	.085
5.2291E+02	.176	.603	4.5882E+02	4.324	.084	4.0583E+02	1.310	.091
5.2138E+02	.766	.223	4.5756E+02	2.940	.123	4.0478E+02	.866	.118
5.1985E+02	1.326	.152	4.5630E+02	1.719	.094	4.0373E+02	.598	.137
5.1833E+02	5.410	.086	4.5505E+02	1.175	.108	4.0269E+02	.416	.168
5.1682E+02	9.001	.109	4.5381E+02	.935	.124	4.0166E+02	.280	.202
5.1531E+02	6.316	.164	4.5257E+02	.750	.128	4.0062E+02	.233	.252
5.1381E+02	3.859	.104	4.5133E+02	1.551	.599	3.9960E+02	.172	.312

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
3.9857E+02	.093	.661	3.5541E+02	.046	1.045	3.1890E+02	12.940	.053
3.9755E+02	.069	.866	3.5455E+02	.037	1.258	3.1817E+02	9.294	.074
3.9654E+02	.053	1.103	3.5369E+02	.029	1.792	3.1744E+02	5.466	.089
3.9552E+02	.050	1.173	3.5284E+02	.007	9.261	3.1671E+02	3.561	.066
3.9451E+02	.037	1.572	3.5199E+02	.015	4.202	3.1599E+02	2.547	.090
3.9351E+02	.027	1.989	3.5115E+02	-.001	28.676	3.1527E+02	1.891	.079
3.9251E+02	.148	.689	3.5030E+02	-.025	1.791	3.1455E+02	1.492	.079
3.9151E+02	.702	.255	3.4946E+02	-.033	1.831	3.1384E+02	1.041	.111
3.9052E+02	1.122	.108	3.4862E+02	-.030	2.148	3.1312E+02	.807	.104
3.8953E+02	1.087	.107	3.4779E+02	-.027	1.848	3.1242E+02	.683	.123
3.8855E+02	.770	.110	3.4696E+02	-.014	3.409	3.1171E+02	.569	.127
3.8756E+02	.377	.195	3.4613E+02	.003	15.407	3.1100E+02	.505	.152
3.8658E+02	.164	.392	3.4530E+02	.010	4.699	3.1030E+02	.396	.163
3.8561E+02	.128	.600	3.4448E+02	.012	3.946	3.0960E+02	.356	.176
3.8464E+02	.146	.400	3.4366E+02	.004	11.622	3.0890E+02	.410	.147
3.8367E+02	.165	.361	3.4284E+02	-.009	5.628	3.0820E+02	.459	.143
3.8271E+02	.142	.406	3.4203E+02	-.022	2.249	3.0751E+02	.547	.135
3.8175E+02	.127	.424	3.4122E+02	-.014	3.435	3.0682E+02	.943	.119
3.8079E+02	.149	.341	3.4041E+02	-.004	15.377	3.0613E+02	2.912	.296
3.7984E+02	.123	.463	3.3960E+02	.008	15.433	3.0544E+02	8.361	.198
3.7889E+02	.043	1.292	3.3880E+02	.041	1.000	3.0476E+02	14.823	.056
3.7794E+02	.027	1.907	3.3800E+02	.437	.728	3.0407E+02	16.562	.073
3.7700E+02	.025	2.136	3.3721E+02	2.545	.221	3.0339E+02	13.201	.091
3.7606E+02	.004	13.050	3.3641E+02	5.516	.059	3.0272E+02	7.684	.097
3.7513E+02	-.014	3.661	3.3562E+02	6.298	.063	3.0204E+02	5.343	.062
3.7420E+02	-.019	2.694	3.3483E+02	5.473	.072	3.0137E+02	7.029	.305
3.7327E+02	-.032	2.063	3.3405E+02	2.960	.159	3.0070E+02	23.079	.225
3.7234E+02	-.042	1.527	3.3326E+02	1.398	.086	3.0003E+02	54.651	.115
3.7142E+02	-.045	1.419	3.3248E+02	.979	.084	2.9936E+02	80.012	.054
3.7051E+02	-.017	3.703	3.3171E+02	.706	.105	2.9870E+02	89.914	.071
3.6959E+02	.166	.825	3.3093E+02	.548	.146	2.9804E+02	67.120	.081
3.6868E+02	1.498	.202	3.3016E+02	.384	.160	2.9738E+02	39.691	.097
3.6777E+02	2.556	.063	3.2939E+02	.238	.209	2.9672E+02	24.240	.068
3.6687E+02	2.575	.072	3.2862E+02	.310	.467	2.9606E+02	16.838	.073
3.6597E+02	1.850	.098	3.2786E+02	1.163	.532	2.9541E+02	11.678	.068
3.6507E+02	.955	.115	3.2710E+02	6.324	.256	2.9476E+02	8.163	.085
3.6417E+02	.421	.193	3.2634E+02	12.115	.098	2.9411E+02	5.622	.069
3.6328E+02	.204	.302	3.2558E+02	15.449	.065	2.9346E+02	3.961	.079
3.6240E+02	.191	.299	3.2483E+02	13.645	.075	2.9282E+02	2.861	.063
3.6151E+02	.236	.332	3.2408E+02	7.431	.080	2.9218E+02	2.131	.069
3.6063E+02	.271	.282	3.2333E+02	4.698	.079	2.9153E+02	1.603	.071
3.5975E+02	.280	.204	3.2259E+02	3.076	.088	2.9090E+02	1.347	.075
3.5888E+02	.256	.310	3.2184E+02	4.033	.151	2.9026E+02	1.866	.165
3.5801E+02	.181	.391	3.2110E+02	7.618	.149	2.8963E+02	8.526	.149
3.5714E+02	.136	.432	3.2036E+02	10.584	.076	2.8900E+02	22.174	.109
3.5627E+02	.078	.983	3.1963E+02	13.191	.071	2.8836E+02	29.894	.050

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.8774E+02	36.133	.056	2.6093E+02	.440	.122	2.3770E+02	.144	.260
2.8711E+02	29.875	.077	2.6039E+02	.493	.135	2.3723E+02	.126	.253
2.8649E+02	24.469	.067	2.5985E+02	.532	.138	2.3677E+02	.174	.249
2.8586E+02	28.052	.064	2.5931E+02	.545	.114	2.3630E+02	.141	.270
2.8525E+02	30.584	.071	2.5878E+02	.485	.133	2.3583E+02	.111	.344
2.8463E+02	52.965	.060	2.5824E+02	.418	.123	2.3537E+02	.111	.277
2.8401E+02	59.880	.048	2.5771E+02	.363	.138	2.3490E+02	.100	.373
2.8340E+02	55.901	.049	2.5718E+02	.336	.164	2.3444E+02	.086	.423
2.8279E+02	48.454	.050	2.5665E+02	.347	.189	2.3398E+02	.068	.493
2.8218E+02	40.277	.059	2.5613E+02	.362	.184	2.3352E+02	.041	.758
2.8157E+02	33.568	.052	2.5560E+02	.363	.158	2.3307E+02	.066	.520
2.8096E+02	28.403	.051	2.5508E+02	.352	.173	2.3261E+02	.092	.383
2.8036E+02	23.658	.056	2.5455E+02	.382	.166	2.3215E+02	.107	.398
2.7976E+02	19.937	.052	2.5403E+02	.435	.128	2.3170E+02	.124	.373
2.7916E+02	16.751	.054	2.5351E+02	.557	.100	2.3125E+02	.132	.291
2.7856E+02	14.023	.054	2.5300E+02	.750	.117	2.3080E+02	.142	.259
2.7796E+02	12.269	.052	2.5248E+02	1.491	.262	2.3035E+02	.124	.309
2.7737E+02	10.541	.054	2.5197E+02	7.784	.168	2.2990E+02	.091	.315
2.7678E+02	8.673	.052	2.5145E+02	23.580	.115	2.2945E+02	.072	.466
2.7618E+02	7.640	.055	2.5094E+02	37.390	.105	2.2901E+02	.088	.379
2.7560E+02	6.417	.054	2.5043E+02	45.285	.056	2.2856E+02	.072	.481
2.7501E+02	5.498	.056	2.4992E+02	29.735	.113	2.2812E+02	.059	.565
2.7442E+02	4.814	.058	2.4942E+02	17.713	.084	2.2768E+02	.066	.503
2.7384E+02	4.309	.058	2.4891E+02	11.472	.106	2.2724E+02	.069	.478
2.7326E+02	3.805	.058	2.4841E+02	7.576	.061	2.2680E+02	.077	.435
2.7268E+02	3.274	.062	2.4790E+02	5.521	.086	2.2636E+02	.083	.491
2.7210E+02	2.841	.065	2.4740E+02	3.545	.118	2.2592E+02	.076	.517
2.7153E+02	2.457	.073	2.4691E+02	2.079	.101	2.2549E+02	.075	.423
2.7095E+02	2.098	.070	2.4641E+02	1.295	.092	2.2505E+02	.055	.560
2.7038E+02	1.761	.075	2.4591E+02	1.041	.090	2.2462E+02	.042	.745
2.6981E+02	1.510	.086	2.4542E+02	2.205	.203	2.2419E+02	.043	.729
2.6924E+02	1.352	.088	2.4492E+02	5.841	.196	2.2376E+02	.037	.805
2.6868E+02	1.284	.089	2.4443E+02	11.019	.085	2.2333E+02	.050	.649
2.6811E+02	1.118	.088	2.4394E+02	15.497	.103	2.2290E+02	.053	.624
2.6755E+02	.924	.098	2.4345E+02	13.381	.086	2.2247E+02	.043	.725
2.6699E+02	.834	.094	2.4297E+02	8.331	.090	2.2205E+02	.065	.502
2.6643E+02	.773	.106	2.4248E+02	5.229	.100	2.2162E+02	.198	.337
2.6587E+02	.746	.099	2.4200E+02	3.292	.072	2.2120E+02	.897	.225
2.6532E+02	.663	.119	2.4151E+02	2.203	.091	2.2078E+02	2.511	.131
2.6476E+02	.527	.149	2.4103E+02	1.459	.083	2.2036E+02	4.572	.149
2.6421E+02	.499	.152	2.4055E+02	1.000	.111	2.1994E+02	5.856	.056
2.6366E+02	.524	.138	2.4007E+02	.632	.098	2.1952E+02	4.442	.087
2.6311E+02	.526	.118	2.3960E+02	.389	.119	2.1910E+02	2.821	.084
2.6256E+02	.438	.142	2.3912E+02	.286	.156	2.1869E+02	1.750	.105
2.6202E+02	.447	.149	2.3865E+02	.241	.199	2.1827E+02	1.135	.071
2.6147E+02	.461	.147	2.3818E+02	.219	.186	2.1786E+02	.957	.080

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.1745E+02	.931	.091	1.9967E+02	.249	.151	1.8399E+02	.250	.147
2.1703E+02	1.063	.115	1.9931E+02	.171	.189	1.8367E+02	.279	.152
2.1662E+02	2.677	.217	1.9895E+02	.119	.257	1.8335E+02	.407	.168
2.1622E+02	9.486	.191	1.9859E+02	.109	.275	1.8303E+02	1.627	.247
2.1581E+02	24.665	.121	1.9823E+02	.117	.304	1.8272E+02	8.143	.208
2.1540E+02	43.369	.123	1.9787E+02	.095	.363	1.8240E+02	25.397	.178
2.1500E+02	45.785	.057	1.9752E+02	.089	.324	1.8209E+02	40.806	.087
2.1459E+02	31.226	.073	1.9716E+02	.125	.267	1.8177E+02	39.523	.054
2.1419E+02	19.896	.091	1.9681E+02	.170	.195	1.8145E+02	28.370	.094
2.1379E+02	13.202	.099	1.9645E+02	.173	.191	1.8114E+02	17.340	.104
2.1339E+02	8.633	.077	1.9610E+02	.203	.173	1.8083E+02	10.898	.095
2.1299E+02	5.916	.076	1.9574E+02	.268	.155	1.8052E+02	6.705	.103
2.1259E+02	3.925	.065	1.9539E+02	.331	.126	1.8021E+02	3.972	.117
2.1219E+02	2.415	.121	1.9504E+02	.350	.136	1.7990E+02	2.184	.097
2.1179E+02	1.388	.114	1.9469E+02	.378	.115	1.7959E+02	1.222	.129
2.1140E+02	.889	.112	1.9435E+02	.480	.092	1.7928E+02	.754	.079
2.1100E+02	.702	.092	1.9400E+02	.620	.092	1.7897E+02	.456	.102
2.1061E+02	.572	.094	1.9365E+02	.893	.102	1.7866E+02	.307	.131
2.1022E+02	.537	.102	1.9331E+02	1.525	.098	1.7836E+02	.253	.171
2.0983E+02	.462	.122	1.9296E+02	3.552	.170	1.7805E+02	.227	.164
2.0944E+02	.423	.114	1.9262E+02	12.469	.203	1.7775E+02	.196	.189
2.0905E+02	.391	.134	1.9227E+02	41.395	.184	1.7744E+02	.186	.176
2.0866E+02	.292	.142	1.9193E+02	90.116	.136	1.7714E+02	.358	.221
2.0827E+02	.182	.204	1.9159E+02	122.700	.068	1.7684E+02	1.667	.254
2.0789E+02	.136	.237	1.9125E+02	106.370	.067	1.7653E+02	6.438	.135
2.0751E+02	.121	.271	1.9091E+02	74.144	.085	1.7623E+02	14.065	.167
2.0712E+02	.123	.300	1.9057E+02	45.728	.095	1.7593E+02	21.740	.074
2.0674E+02	.115	.274	1.9024E+02	28.901	.073	1.7564E+02	19.216	.076
2.0636E+02	.082	.385	1.8990E+02	19.571	.083	1.7534E+02	13.731	.083
2.0598E+02	.071	.434	1.8956E+02	11.677	.103	1.7504E+02	8.203	.141
2.0560E+02	.057	.491	1.8923E+02	6.401	.126	1.7474E+02	4.494	.091
2.0522E+02	.055	.538	1.8890E+02	3.667	.097	1.7444E+02	2.671	.114
2.0484E+02	.047	.614	1.8856E+02	2.255	.097	1.7415E+02	1.499	.137
2.0447E+02	.067	.437	1.8823E+02	1.586	.080	1.7385E+02	.789	.079
2.0409E+02	.118	.263	1.8790E+02	1.213	.073	1.7356E+02	.493	.156
2.0372E+02	.154	.212	1.8757E+02	.880	.081	1.7327E+02	.312	.123
2.0335E+02	.242	.171	1.8724E+02	.713	.094	1.7298E+02	.223	.159
2.0297E+02	.514	.158	1.8691E+02	.596	.105	1.7268E+02	.170	.222
2.0260E+02	1.105	.120	1.8658E+02	.475	.116	1.7239E+02	.137	.220
2.0223E+02	2.170	.136	1.8626E+02	.436	.122	1.7210E+02	.163	.159
2.0186E+02	2.945	.059	1.8593E+02	.418	.126	1.7181E+02	.166	.192
2.0150E+02	2.415	.081	1.8561E+02	.331	.126	1.7152E+02	.225	.191
2.0113E+02	1.444	.121	1.8528E+02	.335	.151	1.7123E+02	.656	.289
2.0076E+02	.761	.131	1.8496E+02	.335	.139	1.7095E+02	1.970	.148
2.0040E+02	.507	.111	1.8464E+02	.272	.194	1.7066E+02	4.173	.131
2.0003E+02	.359	.122	1.8431E+02	.229	.170	1.7037E+02	6.524	.064

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.7009E+02	5.732	.078	1.5771E+02	.053	.606	1.4663E+02	.393	.138
1.6981E+02	3.865	.078	1.5745E+02	.062	.430	1.4640E+02	.284	.141
1.6952E+02	2.697	.083	1.5720E+02	.030	.799	1.4617E+02	.260	.143
1.6924E+02	1.744	.102	1.5695E+02	.033	.791	1.4595E+02	.288	.141
1.6896E+02	.946	.125	1.5669E+02	.026	.941	1.4572E+02	.307	.135
1.6868E+02	.552	.099	1.5644E+02	.022	1.032	1.4549E+02	.280	.138
1.6839E+02	.334	.129	1.5619E+02	.015	1.326	1.4527E+02	.248	.149
1.6811E+02	.189	.155	1.5594E+02	.016	1.488	1.4505E+02	.210	.193
1.6783E+02	.137	.212	1.5569E+02	.012	1.959	1.4482E+02	.165	.224
1.6756E+02	.119	.250	1.5544E+02	.014	1.618	1.4460E+02	.149	.237
1.6728E+02	.080	.329	1.5519E+02	.008	2.500	1.4437E+02	.144	.243
1.6700E+02	.063	.456	1.5495E+02	.016	1.819	1.4415E+02	.133	.234
1.6672E+02	.050	.502	1.5470E+02	.013	1.760	1.4393E+02	.133	.260
1.6645E+02	.047	.486	1.5445E+02	.013	1.719	1.4371E+02	.133	.254
1.6617E+02	.059	.438	1.5420E+02	.013	1.761	1.4349E+02	.134	.227
1.6590E+02	.067	.470	1.5396E+02	.013	1.923	1.4327E+02	.124	.272
1.6562E+02	.077	.421	1.5372E+02	.024	1.029	1.4305E+02	.110	.263
1.6535E+02	.093	.331	1.5347E+02	.037	.713	1.4283E+02	.101	.307
1.6508E+02	.181	.171	1.5323E+02	.056	.463	1.4261E+02	.105	.268
1.6480E+02	.555	.160	1.5298E+02	.048	.519	1.4239E+02	.142	.226
1.6453E+02	1.009	.099	1.5274E+02	.061	.419	1.4217E+02	.141	.222
1.6426E+02	1.034	.079	1.5250E+02	.091	.267	1.4195E+02	.101	.287
1.6399E+02	.685	.145	1.5226E+02	.132	.260	1.4174E+02	.101	.286
1.6372E+02	.402	.102	1.5202E+02	.228	.147	1.4152E+02	.121	.278
1.6345E+02	.238	.158	1.5177E+02	.500	.144	1.4131E+02	.128	.240
1.6319E+02	.153	.196	1.5153E+02	1.617	.219	1.4109E+02	.140	.225
1.6292E+02	.078	.291	1.5130E+02	8.204	.326	1.4087E+02	.191	.216
1.6265E+02	.054	.559	1.5106E+02	31.411	.208	1.4066E+02	.236	.186
1.6239E+02	.039	.639	1.5082E+02	65.163	.119	1.4045E+02	.275	.170
1.6212E+02	.031	.657	1.5058E+02	79.669	.050	1.4023E+02	.427	.164
1.6186E+02	.027	.935	1.5035E+02	62.071	.118	1.4002E+02	.960	.140
1.6159E+02	.026	.796	1.5011E+02	38.828	.087	1.3981E+02	2.647	.226
1.6133E+02	.019	1.342	1.4987E+02	26.252	.096	1.3960E+02	7.219	.186
1.6106E+02	.017	1.414	1.4964E+02	14.633	.143	1.3938E+02	11.885	.052
1.6080E+02	.017	1.123	1.4940E+02	8.009	.130	1.3917E+02	11.021	.055
1.6054E+02	.023	1.104	1.4917E+02	4.700	.079	1.3896E+02	7.713	.108
1.6028E+02	.014	1.680	1.4893E+02	2.550	.175	1.3875E+02	4.442	.132
1.6002E+02	.015	1.389	1.4870E+02	1.477	.071	1.3854E+02	2.311	.178
1.5976E+02	.018	1.189	1.4847E+02	.945	.098	1.3833E+02	1.058	.128
1.5950E+02	.023	1.118	1.4824E+02	.730	.100	1.3812E+02	.512	.181
1.5924E+02	.023	.855	1.4801E+02	.638	.106	1.3792E+02	.247	.181
1.5899E+02	.027	.953	1.4777E+02	.575	.111	1.3771E+02	.151	.210
1.5873E+02	.034	.799	1.4754E+02	.536	.099	1.3750E+02	.109	.271
1.5847E+02	.028	.932	1.4731E+02	.418	.129	1.3729E+02	.085	.332
1.5822E+02	.030	.728	1.4709E+02	.387	.134	1.3709E+02	.072	.407
1.5796E+02	.033	.729	1.4686E+02	.398	.113	1.3688E+02	.061	.478

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.3668E+02	.058	.453	1.2771E+02	.078	.280	1.1959E+02	.351	.123
1.3647E+02	.044	.622	1.2752E+02	.082	.320	1.1942E+02	.360	.141
1.3627E+02	.045	.612	1.2734E+02	.102	.275	1.1926E+02	.444	.100
1.3606E+02	.051	.515	1.2715E+02	.083	.345	1.1909E+02	.826	.131
1.3586E+02	.053	.542	1.2697E+02	.089	.327	1.1892E+02	2.387	.291
1.3566E+02	.044	.633	1.2678E+02	.117	.259	1.1876E+02	7.407	.209
1.3545E+02	.054	.542	1.2660E+02	.105	.287	1.1859E+02	18.032	.157
1.3525E+02	.051	.563	1.2642E+02	.138	.234	1.1842E+02	26.683	.054
1.3505E+02	.064	.429	1.2624E+02	.127	.277	1.1826E+02	27.231	.063
1.3485E+02	.068	.412	1.2605E+02	.151	.253	1.1809E+02	20.238	.093
1.3465E+02	.059	.512	1.2587E+02	.165	.204	1.1793E+02	12.528	.117
1.3445E+02	.065	.427	1.2569E+02	.199	.175	1.1776E+02	6.867	.128
1.3425E+02	.062	.456	1.2551E+02	.205	.198	1.1760E+02	3.951	.100
1.3405E+02	.054	.503	1.2533E+02	.226	.181	1.1744E+02	2.270	.110
1.3385E+02	.051	.513	1.2515E+02	.226	.174	1.1727E+02	1.133	.137
1.3365E+02	.062	.441	1.2497E+02	.237	.158	1.1711E+02	.642	.092
1.3345E+02	.064	.466	1.2479E+02	.272	.152	1.1695E+02	.498	.103
1.3325E+02	.081	.389	1.2461E+02	.288	.161	1.1679E+02	.399	.115
1.3306E+02	.121	.256	1.2443E+02	.294	.154	1.1662E+02	.291	.135
1.3286E+02	.192	.183	1.2426E+02	.320	.141	1.1646E+02	.224	.159
1.3266E+02	.360	.207	1.2408E+02	.364	.130	1.1630E+02	.206	.196
1.3247E+02	.980	.172	1.2390E+02	.431	.102	1.1614E+02	.201	.163
1.3227E+02	2.588	.195	1.2372E+02	.523	.093	1.1598E+02	.176	.224
1.3208E+02	4.081	.085	1.2355E+02	.671	.087	1.1582E+02	.171	.205
1.3188E+02	3.951	.066	1.2337E+02	.898	.080	1.1566E+02	.152	.245
1.3169E+02	2.724	.131	1.2320E+02	1.275	.083	1.1550E+02	.144	.229
1.3149E+02	1.462	.129	1.2302E+02	1.969	.139	1.1534E+02	.144	.244
1.3130E+02	.740	.164	1.2285E+02	4.764	.241	1.1518E+02	.147	.254
1.3111E+02	.356	.187	1.2267E+02	13.404	.245	1.1502E+02	.155	.245
1.3091E+02	.208	.251	1.2250E+02	41.472	.236	1.1486E+02	.154	.238
1.3072E+02	.089	.308	1.2232E+02	96.552	.126	1.1471E+02	.163	.243
1.3053E+02	.058	.509	1.2215E+02	124.450	.051	1.1455E+02	.171	.236
1.3034E+02	.051	.575	1.2198E+02	112.770	.060	1.1439E+02	.213	.163
1.3015E+02	.052	.515	1.2180E+02	77.817	.099	1.1424E+02	.463	.159
1.2996E+02	.085	.354	1.2163E+02	45.635	.124	1.1408E+02	.881	.137
1.2977E+02	.110	.285	1.2146E+02	24.643	.099	1.1392E+02	2.970	.337
1.2958E+02	.064	.434	1.2129E+02	13.026	.126	1.1377E+02	11.767	.283
1.2939E+02	.088	.331	1.2112E+02	6.072	.174	1.1361E+02	31.090	.153
1.2920E+02	.164	.238	1.2095E+02	2.888	.121	1.1346E+02	49.648	.064
1.2901E+02	.289	.141	1.2077E+02	1.441	.154	1.1330E+02	49.708	.068
1.2882E+02	.410	.098	1.2060E+02	.862	.095	1.1315E+02	38.967	.067
1.2864E+02	.425	.115	1.2043E+02	.719	.082	1.1299E+02	26.698	.106
1.2845E+02	.326	.121	1.2026E+02	.571	.098	1.1284E+02	13.906	.125
1.2826E+02	.175	.197	1.2010E+02	.485	.106	1.1268E+02	6.482	.113
1.2808E+02	.096	.301	1.1993E+02	.413	.114	1.1253E+02	2.974	.157
1.2789E+02	.085	.327	1.1976E+02	.375	.138	1.1238E+02	1.543	.078

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.1222E+02	.903	.084	1.0538E+02	.009	3.290	9.9271E+01	2.233	.129
1.1207E+02	.715	.086	1.0524E+02	.007	4.474	9.9144E+01	1.347	.100
1.1192E+02	.510	.114	1.0510E+02	.005	6.033	9.9017E+01	.638	.093
1.1177E+02	.508	.100	1.0497E+02	.001	31.394	9.8891E+01	.318	.147
1.1162E+02	.544	.114	1.0483E+02	.004	6.109	9.8765E+01	.154	.214
1.1147E+02	.698	.100	1.0469E+02	.009	4.656	9.8639E+01	.071	.439
1.1131E+02	1.044	.088	1.0455E+02	.015	2.037	9.8513E+01	.048	.637
1.1116E+02	1.298	.080	1.0441E+02	.007	3.825	9.8387E+01	.036	.957
1.1101E+02	1.419	.074	1.0428E+02	.006	4.673	9.8262E+01	.030	1.188
1.1086E+02	1.205	.094	1.0414E+02	.006	5.041	9.8137E+01	.009	3.075
1.1071E+02	1.035	.085	1.0401E+02	.007	3.547	9.8013E+01	.018	1.600
1.1056E+02	1.166	.072	1.0387E+02	.007	7.942	9.7888E+01	.016	1.794
1.1041E+02	2.705	.292	1.0373E+02	.008	3.491	9.7764E+01	.014	2.392
1.1027E+02	7.650	.149	1.0360E+02	.006	4.133	9.7640E+01	.015	2.115
1.1012E+02	17.218	.138	1.0346E+02	.004	8.286	9.7516E+01	.004	6.050
1.0997E+02	25.928	.061	1.0333E+02	.002	16.115	9.7393E+01	-.000	105.161
1.0982E+02	26.244	.047	1.0319E+02	.001	23.395	9.7269E+01	.002	15.360
1.0967E+02	21.405	.074	1.0306E+02	.010	2.593	9.7146E+01	.006	3.543
1.0953E+02	12.217	.119	1.0292E+02	.035	.728	9.7024E+01	.002	13.920
1.0938E+02	6.107	.128	1.0279E+02	.045	.671	9.6901E+01	-.003	9.983
1.0923E+02	2.743	.112	1.0266E+02	.046	.681	9.6779E+01	-.001	32.564
1.0909E+02	1.380	.091	1.0252E+02	.045	.745	9.6657E+01	.005	6.109
1.0894E+02	.741	.180	1.0239E+02	.039	.684	9.6535E+01	.018	1.991
1.0879E+02	.350	.129	1.0226E+02	.026	1.218	9.6413E+01	.023	1.573
1.0865E+02	.211	.190	1.0212E+02	.021	1.468	9.6292E+01	.051	.660
1.0850E+02	.153	.206	1.0199E+02	.017	1.644	9.6170E+01	.105	.988
1.0836E+02	.133	.264	1.0186E+02	.019	2.052	9.6050E+01	.181	.248
1.0821E+02	.130	.262	1.0173E+02	.025	1.265	9.5929E+01	.211	.210
1.0807E+02	.125	.300	1.0160E+02	.020	1.532	9.5808E+01	.188	.200
1.0793E+02	.101	.282	1.0147E+02	.020	1.521	9.5688E+01	.125	.256
1.0778E+02	.072	.362	1.0133E+02	.019	1.401	9.5568E+01	.087	.469
1.0764E+02	.069	.481	1.0120E+02	.017	1.960	9.5448E+01	.058	.654
1.0749E+02	.071	.432	1.0107E+02	.019	1.645	9.5328E+01	.029	1.016
1.0735E+02	.071	.437	1.0094E+02	.019	1.366	9.5209E+01	.018	2.083
1.0721E+02	.051	.563	1.0081E+02	.021	1.275	9.5090E+01	.013	2.207
1.0707E+02	.040	.773	1.0068E+02	.017	1.035	9.4971E+01	.014	2.254
1.0693E+02	.042	.759	1.0055E+02	.007	4.485	9.4852E+01	.014	2.587
1.0678E+02	.043	.745	1.0042E+02	.014	.911	9.4734E+01	.013	3.268
1.0664E+02	.042	.800	1.0029E+02	.025	1.298	9.4615E+01	.012	3.713
1.0650E+02	.040	.737	1.0016E+02	.032	.895	9.4497E+01	.010	3.655
1.0622E+02	.030	1.076	1.0004E+02	.084	.898	9.4380E+01	.009	2.129
1.0608E+02	.030	.919	9.9909E+01	.201	.321	9.4262E+01	.007	4.903
1.0594E+02	.029	1.113	9.9780E+01	.796	.231	9.4027E+01	.013	2.909
1.0580E+02	.018	1.526	9.9653E+01	1.685	.073	9.3910E+01	.010	1.639
1.0566E+02	.006	6.098	9.9525E+01	2.276	.062	9.3794E+01	.004	9.017
1.0552E+02	.005	5.602	9.9398E+01	2.630	.065	9.3677E+01	.003	13.421

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
9.3561E+01	.C01	41.004	8.8224E+01	.048	.905	8.3331E+01	3.757	.173
9.3445E+01	.C01	58.431	8.8118E+01	.045	.983	8.3233E+01	11.616	.176
9.3329E+01	.C03	14.502	8.8012E+01	.046	.965	8.3136E+01	28.018	.147
9.3213E+01	.C02	19.868	8.7906E+01	.048	.931	8.3039E+01	54.799	.095
9.3098E+01	.C00	144.369	8.7800E+01	.046	.985	8.2942E+01	86.687	.066
9.2983E+01	-.C02	20.213	8.7694E+01	.043	1.059	8.2845E+01	97.011	.068
9.2868E+01	-.C02	14.884	8.7589E+01	.040	1.116	8.2748E+01	87.031	.074
9.2753E+01	-.001	36.110	8.7484E+01	.038	1.172	8.2651E+01	69.317	.084
9.2638E+01	.C04	10.476	8.7379E+01	.036	1.242	8.2555E+01	46.320	.086
9.2524E+01	.C06	6.750	8.7274E+01	.033	1.003	8.2459E+01	25.363	.111
9.2410E+01	.C05	5.988	8.7170E+01	.025	1.983	8.2363E+01	12.202	.128
9.2182E+01	.C07	4.603	8.7065E+01	.021	2.131	8.2267E+01	5.238	.111
9.2069E+01	.C09	3.571	8.6961E+01	.033	1.032	8.2171E+01	2.704	.082
9.1955E+01	.C11	3.257	8.6857E+01	.033	1.372	8.2076E+01	1.834	.075
9.1842E+01	.C13	3.032	8.6649E+01	.035	1.355	8.1980E+01	1.453	.071
9.1617E+01	.C11	3.534	8.6546E+01	.027	1.288	8.1885E+01	1.110	.087
9.1504E+01	.C11	3.633	8.6443E+01	.032	1.175	8.1790E+01	.864	.119
9.1392E+01	.C10	3.737	8.6340E+01	.035	1.377	8.1695E+01	.783	.131
9.1280E+01	.C05	6.055	8.6237E+01	.049	.957	8.1601E+01	.811	.102
9.1168E+01	.C00	116.857	8.6134E+01	.050	.750	8.1506E+01	.709	.114
9.1056E+01	-.C00	629.344	8.5929E+01	.049	1.057	8.1412E+01	.590	.132
9.0945E+01	.C10	3.956	8.5827E+01	.040	.903	8.1317E+01	.525	.141
9.0834E+01	.C21	1.969	8.5725E+01	.046	1.111	8.1223E+01	.474	.165
9.0723E+01	.C15	2.900	8.5623E+01	.060	.808	8.1129E+01	.404	.157
9.0612E+01	.010	3.986	8.5522E+01	.072	.567	8.1036E+01	.363	.167
9.0501E+01	.C13	1.335	8.5420E+01	.093	.582	8.0942E+01	.321	.183
9.0391E+01	.C19	2.145	8.5319E+01	.080	.639	8.0849E+01	.313	.181
9.0280E+01	.C22	2.141	8.5218E+01	.068	.593	8.0756E+01	.305	.186
9.0170E+01	.C26	1.589	8.5117E+01	.077	.547	8.0662E+01	.278	.269
9.0061E+01	.C25	1.380	8.5016E+01	.091	.575	8.0570E+01	.260	.291
8.9951E+01	.C21	1.526	8.4916E+01	.096	.565	8.0477E+01	.213	.249
8.9841E+01	.023	1.456	8.4815E+01	.105	.422	8.0384E+01	.191	.289
8.9732E+01	.016	2.076	8.4715E+01	.121	.353	8.0292E+01	.200	.291
8.9623E+01	.C05	4.804	8.4615E+01	.140	.415	8.0199E+01	.215	.251
8.9515E+01	-.C01	36.482	8.4515E+01	.129	.426	8.0107E+01	.187	.273
8.9406E+01	.C10	2.144	8.4416E+01	.139	.330	8.0015E+01	.147	.468
8.9297E+01	.018	2.314	8.4316E+01	.176	.353	7.9923E+01	.134	.518
8.9189E+01	.C14	2.263	8.4217E+01	.211	.283	7.9832E+01	.134	.405
8.9081E+01	.C13	3.306	8.4118E+01	.253	.234	7.9740E+01	.140	.374
8.8973E+01	.C11	3.049	8.4019E+01	.321	.192	7.9649E+01	.137	.506
8.8866E+01	.013	3.131	8.3920E+01	.349	.172	7.9558E+01	.130	.541
8.8758E+01	.019	2.211	8.3821E+01	.389	.160	7.9467E+01	.117	.451
8.8651E+01	.C17	1.869	8.3723E+01	.472	.131	7.9376E+01	.105	.549
8.8544E+01	.023	2.189	8.3625E+01	.603	.111	7.9285E+01	.099	.565
8.8437E+01	.037	1.178	8.3526E+01	.921	.165	7.9195E+01	.104	.503
8.8330E+01	.C44	1.027	8.3429E+01	1.593	.242	7.9104E+01	.109	.468

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
7.9014E+01	.103	.505	7.4941E+01	.007	10.327	7.0562E+01	.344	.376
7.8924E+01	.097	.722	7.4858E+01	.019	4.339	7.0486E+01	.464	.288
7.8834E+01	.096	.730	7.4775E+01	.025	2.486	7.0411E+01	1.195	.262
7.8744E+01	.086	.607	7.4692E+01	.029	2.872	7.0335E+01	4.230	.196
7.8655E+01	.087	.607	7.4609E+01	.027	3.282	7.0259E+01	11.200	.118
7.8565E+01	.092	.772	7.4526E+01	.013	5.259	7.0184E+01	21.681	.083
7.8476E+01	.088	.840	7.4444E+01	.009	11.681	7.0108E+01	33.726	.069
7.8387E+01	.076	.702	7.4279E+01	.029	3.133	7.0033E+01	42.467	.057
7.8298E+01	.072	.725	7.4197E+01	.028	2.588	6.9958E+01	41.082	.050
7.8209E+01	.072	1.055	7.4115E+01	.027	1.655	6.9883E+01	32.346	.065
7.8120E+01	.060	1.244	7.4033E+01	.030	2.906	6.9808E+01	22.970	.097
7.8032E+01	.065	.835	7.3952E+01	.027	3.254	6.9733E+01	14.097	.094
7.7943E+01	.106	.454	7.3870E+01	.032	2.790	6.9658E+01	7.605	.098
7.7855E+01	.217	.284	7.3707E+01	.022	4.359	6.9584E+01	3.893	.116
7.7767E+01	.352	.196	7.3545E+01	.032	2.936	6.9509E+01	2.110	.094
7.7679E+01	.448	.174	7.3383E+01	.017	5.234	6.9435E+01	1.212	.136
7.7591E+01	.524	.152	7.3303E+01	.021	4.350	6.9361E+01	.789	.205
7.7503E+01	.517	.154	7.3222E+01	.027	3.533	6.9287E+01	.618	.264
7.7416E+01	.392	.182	7.3062E+01	.018	3.475	6.9213E+01	.513	.240
7.7329E+01	.250	.251	7.2982E+01	.013	5.531	6.9139E+01	.426	.345
7.7241E+01	.173	.340	7.2902E+01	.016	5.643	6.9065E+01	.398	.365
7.7154E+01	.140	.415	7.2822E+01	.005	16.838	6.8992E+01	.401	.377
7.7067E+01	.109	.674	7.2742E+01	.003	36.720	6.8918E+01	.357	.414
7.6981E+01	.081	.770	7.2663E+01	-.008	12.807	6.8845E+01	.321	.457
7.6894E+01	.075	.703	7.2583E+01	-.017	4.038	6.8771E+01	.329	.337
7.6807E+01	.074	.743	7.2504E+01	-.023	4.232	6.8698E+01	.302	.456
7.6721E+01	.076	.741	7.2346E+01	-.038	2.457	6.8625E+01	.220	.641
7.6635E+01	.060	3.811	7.2267E+01	-.030	3.131	6.8552E+01	.194	.708
7.6549E+01	.023	3.197	7.2188E+01	-.016	6.184	6.8479E+01	.150	.932
7.6463E+01	.024	4.756	7.2109E+01	-.009	10.948	6.8407E+01	.174	.817
7.6377E+01	.035	2.293	7.1952E+01	.001	154.535	6.8334E+01	.184	.790
7.6292E+01	.035	1.750	7.1874E+01	.004	29.413	6.8262E+01	.168	.863
7.6206E+01	.032	2.524	7.1796E+01	.004	24.602	6.8189E+01	.170	.856
7.6121E+01	.027	2.887	7.1718E+01	.025	2.334	6.8117E+01	.171	.858
7.6036E+01	.015	3.676	7.1640E+01	.034	3.002	6.8045E+01	.142	1.022
7.5950E+01	.004	22.933	7.1562E+01	.050	2.355	6.7973E+01	.101	1.595
7.5866E+01	.010	7.812	7.1485E+01	.056	1.923	6.7901E+01	.112	1.388
7.5781E+01	.025	2.342	7.1330E+01	.045	2.271	6.7829E+01	.125	1.148
7.5696E+01	.024	2.384	7.1252E+01	.041	2.692	6.7758E+01	.105	1.429
7.5612E+01	.013	4.294	7.1098E+01	.041	1.937	6.7686E+01	.091	1.599
7.5528E+01	.012	1.890	7.1021E+01	.046	2.364	6.7615E+01	.092	1.602
7.5443E+01	.008	10.810	7.0945E+01	.079	1.991	6.7544E+01	.097	1.579
7.5359E+01	.016	4.148	7.0868E+01	.112	1.246	6.7401E+01	.105	1.475
7.5275E+01	.013	8.004	7.0791E+01	.147	.610	6.7259E+01	.090	1.662
7.5192E+01	.012	6.596	7.0715E+01	.175	.683	6.7189E+01	.099	2.419
7.5024E+01	.003	29.778	7.0639E+01	.267	.504	6.7118E+01	.097	2.176

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
6.7048E+01	.C65	2.352	6.3789E+01	.C04	66.710	6.0339E+01	.094	3.098
6.6977E+01	.C64	2.865	6.3658E+01	.020	10.421	6.0279E+01	.162	2.893
6.6907E+01	.C82	1.885	6.3528E+01	.047	4.448	6.0219E+01	.250	1.020
6.6837E+01	.C78	2.010	6.3463E+01	.C48	2.376	6.0159E+01	.249	1.046
6.6767E+01	.C38	4.012	6.3398E+01	.036	6.096	6.0099E+01	.268	1.193
6.6697E+01	.C39	3.960	6.3333E+01	.046	1.984	6.0039E+01	.422	.898
6.6627E+01	.C50	3.733	6.3204E+01	.042	5.039	5.9979E+01	.656	.413
6.6557E+01	.C54	2.910	6.3140E+01	.075	4.492	5.9920E+01	1.184	.256
6.6487E+01	.C64	3.794	6.3076E+01	.094	2.328	5.9861E+01	2.229	.180
6.6418E+01	.C68	2.330	6.2947E+01	.150	1.718	5.9801E+01	3.408	.131
6.6348E+01	.071	2.317	6.2883E+01	.153	1.551	5.9742E+01	3.855	.116
6.6279E+01	.C71	2.245	6.2819E+01	.148	1.599	5.9682E+01	3.916	.118
6.6210E+01	.C55	5.411	6.2755E+01	.149	1.599	5.9623E+01	3.511	.136
6.6141E+01	.C37	4.479	6.2691E+01	.110	2.969	5.9564E+01	2.733	.146
6.6072E+01	.C35	4.798	6.2628E+01	.080	3.763	5.9505E+01	1.885	.203
6.6003E+01	.C23	7.447	6.2564E+01	.065	3.698	5.9447E+01	1.103	.309
6.5934E+01	.C40	6.443	6.2437E+01	.125	2.297	5.9388E+01	.511	.557
6.5865E+01	.C52	3.232	6.2374E+01	.134	1.795	5.9329E+01	.368	.941
6.5797E+01	.C71	2.378	6.2311E+01	.170	1.453	5.9270E+01	.377	.933
6.5728E+01	.C91	1.427	6.2248E+01	.198	1.256	5.9212E+01	.433	.694
6.5660E+01	.C58	2.987	6.2185E+01	.203	1.232	5.9153E+01	.523	.705
6.5592E+01	.C21	8.097	6.2122E+01	.199	1.236	5.9095E+01	.477	.784
6.5524E+01	.C12	14.286	6.2059E+01	.172	1.479	5.9037E+01	.368	.824
6.5388E+01	.C84	1.590	6.1996E+01	.118	1.622	5.8979E+01	.265	1.336
6.5320E+01	.C78	2.262	6.1934E+01	.049	3.816	5.8921E+01	.256	1.382
6.5252E+01	.C96	1.866	6.1809E+01	.017	11.532	5.8863E+01	.287	1.088
6.5185E+01	.112	1.700	6.1747E+01	-.039	6.232	5.8805E+01	.387	1.000
6.5050E+01	.C14	12.447	6.1684E+01	-.036	6.731	5.8747E+01	.439	.866
6.4982E+01	-.C13	26.406	6.1622E+01	-.041	6.085	5.8689E+01	.401	.921
6.4915E+01	-.C20	8.869	6.1498E+01	.030	8.538	5.8631E+01	.472	.806
6.4848E+01	.C15	6.233	6.1437E+01	.080	6.280	5.8574E+01	.483	.664
6.4781E+01	.C33	5.530	6.1375E+01	.109	2.404	5.8516E+01	.376	.984
6.4714E+01	.C38	6.084	6.1313E+01	.147	1.904	5.8459E+01	.463	.803
6.4648E+01	.C43	5.100	6.1252E+01	.148	1.874	5.8402E+01	.604	.674
6.4581E+01	.C57	3.409	6.1190E+01	.142	1.902	5.8344E+01	.443	.747
6.4514E+01	.051	4.438	6.1129E+01	.136	1.996	5.8287E+01	.361	1.051
6.4448E+01	.C46	4.116	6.1067E+01	.132	2.120	5.8230E+01	.362	1.055
6.4381E+01	.C35	2.276	6.1006E+01	.143	2.018	5.8173E+01	.289	1.355
6.4315E+01	.C23	4.196	6.0945E+01	.181	1.606	5.8059E+01	.312	1.243
6.4249E+01	.C22	6.540	6.0884E+01	.196	1.490	5.8003E+01	.264	1.664
6.4183E+01	.C37	5.276	6.0762E+01	.159	1.852	5.7946E+01	.215	2.001
6.4117E+01	.C03	183.338	6.0701E+01	.147	1.636	5.7889E+01	.177	1.854
6.4051E+01	-.C38	5.068	6.0641E+01	.153	1.964	5.7833E+01	.208	1.927
6.3986E+01	-.C44	5.801	6.0580E+01	.122	2.565	5.7720E+01	.138	3.016
6.3920E+01	-.C12	19.757	6.0520E+01	.102	2.936	5.7664E+01	.139	2.828
6.3854E+01	.C03	58.430	6.0399E+01	.104	2.286	5.7608E+01	.177	2.216

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
5.7552E+01	.118	3.433	5.4693E+01	.235	2.475	5.2284E+01	.426	1.998
5.7440E+01	.174	2.329	5.4641E+01	.225	2.596	5.2235E+01	.461	1.817
5.7384E+01	.210	2.013	5.4589E+01	.241	2.488	5.2187E+01	.198	4.442
5.7328E+01	.211	2.013	5.4486E+01	.241	2.269	5.2139E+01	.251	4.000
5.7273E+01	.238	1.784	5.4434E+01	.210	2.874	5.2090E+01	.342	2.482
5.7217E+01	.258	1.634	5.4383E+01	.193	3.344	5.2042E+01	.356	2.469
5.7161E+01	.233	1.807	5.4331E+01	.165	3.722	5.1994E+01	.256	6.734
5.7106E+01	.237	1.530	5.4280E+01	.171	3.879	5.1946E+01	.188	4.720
5.7051E+01	.251	1.726	5.4229E+01	.193	2.989	5.1898E+01	.233	3.887
5.6940E+01	.222	1.938	5.4178E+01	.141	4.429	5.1850E+01	.167	5.233
5.6885E+01	.268	1.674	5.4126E+01	.288	3.155	5.1802E+01	.199	4.535
5.6830E+01	.205	1.853	5.4075E+01	.391	1.526	5.1754E+01	.177	5.107
5.6775E+01	.117	3.755	5.4024E+01	.342	1.905	5.1707E+01	.184	4.850
5.6666E+01	.189	2.040	5.3973E+01	.310	2.143	5.1659E+01	.346	2.709
5.6611E+01	.151	2.573	5.3923E+01	.285	2.308	5.1611E+01	.444	2.165
5.6556E+01	.070	6.370	5.3872E+01	.338	2.013	5.1564E+01	.448	2.130
5.6502E+01	.132	6.752	5.3821E+01	.336	1.874	5.1516E+01	.391	2.487
5.6447E+01	.161	2.504	5.3770E+01	.166	3.769	5.1469E+01	.505	1.891
5.6393E+01	.105	4.512	5.3720E+01	.167	4.027	5.1421E+01	.441	2.220
5.6339E+01	.167	3.300	5.3669E+01	.136	6.128	5.1374E+01	.421	2.337
5.6284E+01	.205	2.062	5.3619E+01	.106	6.434	5.1327E+01	.475	2.105
5.6230E+01	.183	2.265	5.3569E+01	.075	9.091	5.1280E+01	.459	2.242
5.6176E+01	.221	2.223	5.3518E+01	.093	7.022	5.1233E+01	.420	2.417
5.6068E+01	.197	2.170	5.3468E+01	.104	6.300	5.1186E+01	.518	2.129
5.6014E+01	.276	1.586	5.3418E+01	.230	3.094	5.1139E+01	.640	1.619
5.5960E+01	.217	2.287	5.3368E+01	.301	2.474	5.1092E+01	.654	1.587
5.5907E+01	.230	2.224	5.3318E+01	.320	2.157	5.1045E+01	.569	1.844
5.5853E+01	.227	2.210	5.3268E+01	.410	1.847	5.0998E+01	.371	3.600
5.5800E+01	.255	1.999	5.3218E+01	.432	1.746	5.0951E+01	.256	4.072
5.5746E+01	.267	1.705	5.3168E+01	.458	1.585	5.0858E+01	.373	2.829
5.5693E+01	.230	1.974	5.3119E+01	.522	1.492	5.0812E+01	.344	3.144
5.5639E+01	.275	1.927	5.3069E+01	.447	1.798	5.0719E+01	.343	3.164
5.5533E+01	.278	1.927	5.3019E+01	.360	2.006	5.0673E+01	.059	18.109
5.5427E+01	.181	2.920	5.2970E+01	.527	1.475	5.0626E+01	.120	10.960
5.5374E+01	.170	3.164	5.2920E+01	.509	1.560	5.0580E+01	.182	7.288
5.5321E+01	.163	3.326	5.2871E+01	.483	1.556	5.0534E+01	.274	4.074
5.5268E+01	.186	2.963	5.2822E+01	.430	1.739	5.0488E+01	.305	3.696
5.5216E+01	.207	2.647	5.2773E+01	.413	1.913	5.0442E+01	.366	3.130
5.5111E+01	.264	1.868	5.2723E+01	.222	9.520	5.0350E+01	.091	12.409
5.5058E+01	.267	2.079	5.2674E+01	.034	22.832	5.0304E+01	.316	5.870
5.5006E+01	.301	1.886	5.2576E+01	-.032	24.852	5.0258E+01	.413	2.838
5.4954E+01	.317	1.800	5.2527E+01	.162	1.995	5.0213E+01	.452	2.669
5.4901E+01	.326	1.747	5.2478E+01	.262	3.144	5.0167E+01	.477	2.480
5.4849E+01	.339	1.741	5.2430E+01	.285	3.376	5.0076E+01	.283	4.142
5.4797E+01	.303	1.952	5.2381E+01	.384	2.095	5.0031E+01	.329	71.656
5.4745E+01	.260	2.260	5.2332E+01	.462	1.841	4.9985E+01	.378	3.164

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
4.9940E+01	.501	2.428	4.7539E+01	.391	7.063	4.5137E+01	.656	3.698
4.9895E+01	.362	3.260	4.7497E+01	.555	2.937	4.5057E+01	.727	3.389
4.9804E+01	.553	2.223	4.7455E+01	.418	3.550	4.4977E+01	.735	3.389
4.9759E+01	.524	2.334	4.7413E+01	.248	2.480	4.4898E+01	1.049	2.422
4.9714E+01	.540	2.289	4.7371E+01	-.027	61.353	4.4858E+01	1.106	2.257
4.9669E+01	.597	2.112	4.7330E+01	.055	27.058	4.4818E+01	1.099	2.344
4.9624E+01	.640	1.976	4.7246E+01	-.032	52.105	4.4778E+01	1.065	2.422
4.9580E+01	.700	1.809	4.7205E+01	.007	214.423	4.4738E+01	1.044	2.482
4.9535E+01	.721	1.769	4.7163E+01	.062	22.012	4.4699E+01	1.009	2.570
4.9490E+01	.742	1.737	4.7121E+01	.119	5.125	4.4659E+01	1.122	2.284
4.9445E+01	.646	1.927	4.7080E+01	.227	7.438	4.4619E+01	.939	2.709
4.9401E+01	.609	2.130	4.6997E+01	.442	4.000	4.4540E+01	.963	2.741
4.9356E+01	.673	1.917	4.6956E+01	.762	2.105	4.4500E+01	.967	2.677
4.9267E+01	.346	3.131	4.6915E+01	.782	4.860	4.4461E+01	1.027	2.543
4.9179E+01	.343	3.697	4.6873E+01	.435	7.200	4.4381E+01	1.825	1.525
4.9135E+01	.355	3.690	4.6832E+01	.171	10.255	4.4342E+01	1.909	1.454
4.9090E+01	.431	3.229	4.6750E+01	-.099	18.042	4.4302E+01	1.793	1.519
4.9002E+01	.524	2.571	4.6709E+01	.175	10.956	4.4263E+01	1.957	1.394
4.8958E+01	.493	2.708	4.6668E+01	.260	6.999	4.4223E+01	2.008	1.397
4.8914E+01	.427	3.110	4.6627E+01	.048	37.632	4.4184E+01	1.990	1.416
4.8870E+01	.429	3.311	4.6586E+01	.013	138.657	4.4144E+01	1.450	2.928
4.8827E+01	.366	3.698	4.6546E+01	-.034	57.576	4.4105E+01	.677	3.981
4.8783E+01	.484	3.267	4.6464E+01	-.104	18.043	4.4026E+01	.684	4.072
4.8739E+01	.719	1.923	4.6424E+01	-.130	27.370	4.3986E+01	.550	5.413
4.8696E+01	.445	3.465	4.6383E+01	.097	20.102	4.3947E+01	.297	9.447
4.8652E+01	.335	4.030	4.6342E+01	.039	93.403	4.3908E+01	.343	8.211
4.8609E+01	.418	3.508	4.6302E+01	-.190	9.876	4.3868E+01	.287	9.596
4.8565E+01	.500	2.956	4.6262E+01	-.185	10.507	4.3829E+01	.185	13.251
4.8522E+01	.538	2.650	4.6181E+01	-.047	40.398	4.3790E+01	.148	6.600
4.8478E+01	.400	5.643	4.6140E+01	.266	3.025	4.3750E+01	.304	9.375
4.8435E+01	.262	5.391	4.6100E+01	.686	2.884	4.3711E+01	.306	7.787
4.8349E+01	.394	3.698	4.6019E+01	-.091	21.755	4.3672E+01	.307	9.008
4.8305E+01	.467	3.134	4.5939E+01	.142	14.286	4.3632E+01	.399	7.248
4.8262E+01	.495	3.028	4.5858E+01	.326	6.319	4.3593E+01	.341	3.750
4.8219E+01	.399	3.510	4.5818E+01	.251	3.802	4.3554E+01	-.099	28.915
4.8177E+01	.314	3.018	4.5778E+01	.145	14.303	4.3476E+01	.395	7.541
4.8091E+01	.171	8.764	4.5697E+01	.333	6.319	4.3436E+01	.162	15.278
4.8048E+01	.144	10.417	4.5657E+01	.335	6.196	4.3397E+01	.257	9.633
4.8005E+01	.126	11.906	4.5617E+01	.475	4.437	4.3358E+01	.330	8.956
4.7963E+01	.044	47.159	4.5537E+01	.408	5.376	4.3280E+01	.676	4.546
4.7920E+01	-.029	51.984	4.5497E+01	.027	68.800	4.3241E+01	.471	5.184
4.7878E+01	.032	64.934	4.5457E+01	-.105	22.496	4.3202E+01	.627	7.681
4.7835E+01	.107	14.278	4.5377E+01	-.233	9.346	4.3163E+01	1.049	3.010
4.7750E+01	.245	6.319	4.5297E+01	.077	29.776	4.3124E+01	1.155	2.740
4.7708E+01	.204	4.741	4.5257E+01	.163	19.313	4.3085E+01	1.160	2.741
4.7623E+01	.110	14.285	4.5217E+01	.237	9.725	4.3046E+01	.943	5.243

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
4.3007E+01	.551	5.755	4.0928E+01	-.824	4.929	3.8753E+01	-.513	10.450
4.2968E+01	.290	8.946	4.0852E+01	-.875	4.543	3.8716E+01	-.582	6.798
4.2929E+01	-.445	5.362	4.0814E+01	-.622	11.977	3.8678E+01	-.633	6.225
4.2890E+01	-.471	5.289	4.0776E+01	.004	920.089	3.8642E+01	-.897	5.440
4.2851E+01	-.642	3.998	4.0738E+01	-.260	11.836	3.8605E+01	-.611	6.402
4.2812E+01	-.716	2.989	4.0662E+01	.072	57.647	3.8568E+01	.005	999.000
4.2773E+01	-.953	2.876	4.0586E+01	.496	8.833	3.8531E+01	-.286	11.680
4.2734E+01	-1.244	2.441	4.0549E+01	.824	5.125	3.8494E+01	.447	8.265
4.2657E+01	-1.279	2.448	4.0511E+01	.969	4.622	3.8457E+01	.934	7.618
4.2618E+01	-1.175	2.719	4.0473E+01	1.245	3.433	3.8420E+01	1.057	7.728
4.2579E+01	-1.000	3.122	4.0435E+01	1.379	3.176	3.8383E+01	.691	7.942
4.2540E+01	-1.004	2.504	4.0397E+01	1.480	2.768	3.8347E+01	.716	10.965
4.2463E+01	-.896	3.601	4.0360E+01	.911	5.355	3.8310E+01	1.420	3.689
4.2424E+01	-.703	4.575	4.0322E+01	.425	10.063	3.8273E+01	1.407	3.836
4.2385E+01	-.637	5.199	4.0284E+01	-.024	58.479	3.8236E+01	1.069	4.977
4.2347E+01	-.191	14.212	4.0246E+01	-1.080	3.911	3.8200E+01	.907	5.530
4.2269E+01	-.613	5.439	4.0209E+01	-1.158	3.600	3.8163E+01	1.009	3.737
4.2231E+01	-.621	7.065	4.0171E+01	-1.163	3.601	3.8126E+01	1.256	4.256
4.2192E+01	-1.291	2.536	4.0133E+01	-.639	5.136	3.8089E+01	1.578	3.233
4.2153E+01	-1.505	2.168	4.0096E+01	-.839	14.802	3.8016E+01	.840	6.319
4.2115E+01	-1.461	2.227	4.0058E+01	-1.761	2.338	3.7979E+01	1.153	6.950
4.2076E+01	-1.174	2.941	3.9983E+01	-1.967	2.134	3.7943E+01	1.938	2.722
4.2038E+01	-1.015	22.082	3.9908E+01	-1.975	2.134	3.7870E+01	1.447	3.755
4.1999E+01	-.961	3.670	3.9870E+01	-2.061	2.007	3.7833E+01	1.365	3.887
4.1961E+01	-.697	4.894	3.9795E+01	-1.594	2.684	3.7797E+01	1.499	3.579
4.1922E+01	-.606	5.677	3.9720E+01	-1.681	2.526	3.7724E+01	2.404	2.347
4.1884E+01	-.561	6.364	3.9683E+01	-1.267	5.711	3.7687E+01	2.576	2.159
4.1807E+01	-.495	7.315	3.9608E+01	-.404	10.978	3.7651E+01	2.962	1.868
4.1769E+01	-.588	6.364	3.9571E+01	-.325	10.211	3.7614E+01	2.891	1.942
4.1730E+01	-.464	7.674	3.9533E+01	.066	48.669	3.7578E+01	2.490	2.313
4.1692E+01	-.154	17.276	3.9496E+01	-.174	20.179	3.7541E+01	2.290	1.899
4.1653E+01	.325	11.627	3.9421E+01	-.110	28.169	3.7505E+01	2.465	2.284
4.1577E+01	.210	6.289	3.9384E+01	.017	69.943	3.7468E+01	2.859	1.960
4.1539E+01	-.223	16.411	3.9347E+01	.170	26.553	3.7432E+01	3.216	1.383
4.1462E+01	-1.030	3.601	3.9309E+01	.788	4.228	3.7396E+01	3.206	1.255
4.1424E+01	-.938	4.027	3.9272E+01	.974	7.814	3.7359E+01	2.690	2.003
4.1385E+01	-1.028	3.791	3.9235E+01	.294	23.049	3.7323E+01	2.020	2.745
4.1309E+01	-.377	12.751	3.9198E+01	-.330	164.471	3.7287E+01	2.100	2.669
4.1271E+01	-.372	8.382	3.9160E+01	-.447	8.051	3.7251E+01	2.045	2.875
4.1233E+01	-.168	23.974	3.9123E+01	-.402	8.908	3.7214E+01	2.147	2.071
4.1195E+01	.031	128.513	3.9086E+01	.048	96.326	3.7178E+01	3.005	1.419
4.1156E+01	.047	40.437	3.9012E+01	.913	5.263	3.7106E+01	.927	6.319
4.1118E+01	.093	17.301	3.8938E+01	.920	5.263	3.7069E+01	1.167	7.507
4.1080E+01	.289	13.420	3.8864E+01	1.318	3.755	3.7033E+01	1.883	3.070
4.1004E+01	-.497	11.587	3.8826E+01	.628	13.285	3.6997E+01	2.574	1.755
4.0966E+01	-1.047	3.914	3.8790E+01	-.440	10.986	3.6961E+01	2.080	1.867

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
3.6925E+01	1.692	3.361	3.5035E+01	-2.833	2.539	3.3333E+01	-3.192	2.591
3.6889E+01	2.554	2.329	3.5000E+01	-3.328	2.088	3.3299E+01	-3.794	2.154
3.6816E+01	2.093	2.936	3.4965E+01	-2.916	1.851	3.3264E+01	-3.941	2.129
3.6781E+01	1.011	4.308	3.4930E+01	-2.477	2.166	3.3230E+01	-4.732	1.732
3.6708E+01	1.122	5.445	3.4895E+01	-2.961	1.705	3.3196E+01	-3.642	12.661
3.6672E+01	.711	6.132	3.4860E+01	-3.367	2.078	3.3162E+01	-2.490	3.523
3.6636E+01	1.023	4.304	3.4825E+01	-3.383	2.088	3.3127E+01	-2.146	3.921
3.6601E+01	1.161	3.780	3.4755E+01	-3.405	2.135	3.3093E+01	-1.946	4.571
3.6564E+01	1.233	3.475	3.4720E+01	-3.411	1.515	3.3059E+01	-1.119	7.635
3.6529E+01	.875	4.914	3.4685E+01	-3.052	1.704	3.2957E+01	-.561	15.383
3.6493E+01	.358	11.910	3.4650E+01	-2.856	2.520	3.2922E+01	-1.419	10.708
3.6457E+01	-.034	109.728	3.4615E+01	-3.018	2.441	3.2888E+01	-1.708	5.055
3.6385E+01	-3.288	1.799	3.4580E+01	-3.883	1.377	3.2854E+01	-2.939	3.130
3.6313E+01	-2.658	2.281	3.4545E+01	-4.058	1.281	3.2820E+01	-2.427	2.604
3.6278E+01	-2.962	1.994	3.4510E+01	-3.796	1.905	3.2786E+01	-1.361	6.434
3.6242E+01	-3.154	1.924	3.4475E+01	-3.687	1.974	3.2752E+01	-4.709	2.555
3.6206E+01	-3.199	1.920	3.4440E+01	-3.126	1.701	3.2718E+01	-5.210	1.651
3.6170E+01	-3.395	1.775	3.4405E+01	-3.143	2.335	3.2684E+01	-4.800	1.810
3.6134E+01	-3.583	1.719	3.4370E+01	-3.450	2.162	3.2650E+01	-4.865	1.768
3.6099E+01	-4.506	1.338	3.4335E+01	-3.459	1.574	3.2616E+01	-4.773	1.812
3.6063E+01	-4.241	1.438	3.4301E+01	-3.469	2.130	3.2582E+01	-4.649	1.881
3.6027E+01	-3.949	1.555	3.4266E+01	-3.260	2.284	3.2548E+01	-2.980	3.190
3.5992E+01	-4.442	1.401	3.4231E+01	-2.576	2.085	3.2514E+01	-2.608	3.416
3.5956E+01	-5.293	1.159	3.4196E+01	-2.906	1.895	3.2481E+01	-2.876	3.104
3.5885E+01	-5.327	1.186	3.4162E+01	-3.595	2.135	3.2447E+01	-2.471	2.641
3.5849E+01	-5.007	1.256	3.4127E+01	-3.384	2.235	3.2413E+01	-2.458	2.665
3.5814E+01	-4.200	1.495	3.4092E+01	-2.155	2.581	3.2379E+01	-2.660	2.476
3.5778E+01	-4.033	1.571	3.4057E+01	-1.730	5.156	3.2345E+01	-2.404	3.778
3.5743E+01	-3.611	1.759	3.4023E+01	-2.916	2.626	3.2312E+01	-2.171	4.216
3.5707E+01	-3.305	1.409	3.3988E+01	-2.538	3.508	3.2278E+01	-2.330	2.894
3.5672E+01	-2.972	2.164	3.3954E+01	-1.236	6.329	3.2244E+01	-2.780	3.300
3.5636E+01	-2.700	2.404	3.3919E+01	-1.029	5.549	3.2210E+01	-1.381	7.193
3.5565E+01	-2.750	2.449	3.3884E+01	-1.802	3.159	3.2177E+01	-.381	18.142
3.5530E+01	-3.428	1.395	3.3850E+01	-2.633	2.963	3.2143E+01	.244	28.486
3.5459E+01	-3.180	2.153	3.3815E+01	-2.638	2.973	3.2109E+01	.432	22.029
3.5424E+01	-3.709	1.858	3.3781E+01	-2.651	2.963	3.2075E+01	.960	6.689
3.5388E+01	-5.183	1.272	3.3746E+01	-2.655	2.973	3.2042E+01	2.232	3.184
3.5353E+01	-5.493	.875	3.3711E+01	-2.337	2.431	3.2008E+01	3.489	2.070
3.5318E+01	-5.344	1.185	3.3642E+01	-1.815	4.544	3.1975E+01	3.457	2.816
3.5282E+01	-4.531	1.279	3.3608E+01	-1.704	4.728	3.1941E+01	2.872	3.557
3.5247E+01	-4.680	1.291	3.3574E+01	-1.604	5.052	3.1907E+01	1.928	3.683
3.5212E+01	-4.593	1.465	3.3539E+01	-1.606	5.053	3.1874E+01	1.006	9.747
3.5176E+01	-3.828	1.292	3.3505E+01	-1.498	5.451	3.1807E+01	-1.179	6.036
3.5141E+01	-3.281	1.518	3.3436E+01	-2.169	3.897	3.1773E+01	-2.282	3.103
3.5106E+01	-3.110	2.242	3.3402E+01	-2.289	3.550	3.1740E+01	-2.413	4.008
3.5071E+01	-2.644	2.684	3.3367E+01	-2.766	2.938	3.1706E+01	-.036	614.047

VIII. ^{242}Pu: D. W. Bergen and R. R. Fullwood[14]

In Fig. 17, the line is the smooth average of the 55° (x) and 90° (*) data. The target sample contained 0.02% ^{239}Pu and 0.09% ^{241}Pu, for which the data for ^{239}Pu[15] and ^{241}Pu[16] from the Petrel event have been used to make corrections. Figure 18 shows the data (x, average of two readings each of 55 and 90° data), the ^{241}Pu subtraction (*), the ^{239}Pu subtraction (+), and the result as a line. From 200 eV to 5 keV (Fig. 19), the subtraction has not been done; it is not very significant and is less exact because the resolution functions are different for the two shots. The data are given in Table IX in which the standard deviations $\delta\sigma/\sigma$ include the correlated error of ±5.7% above 100 keV and ±4.3% below 5 keV.

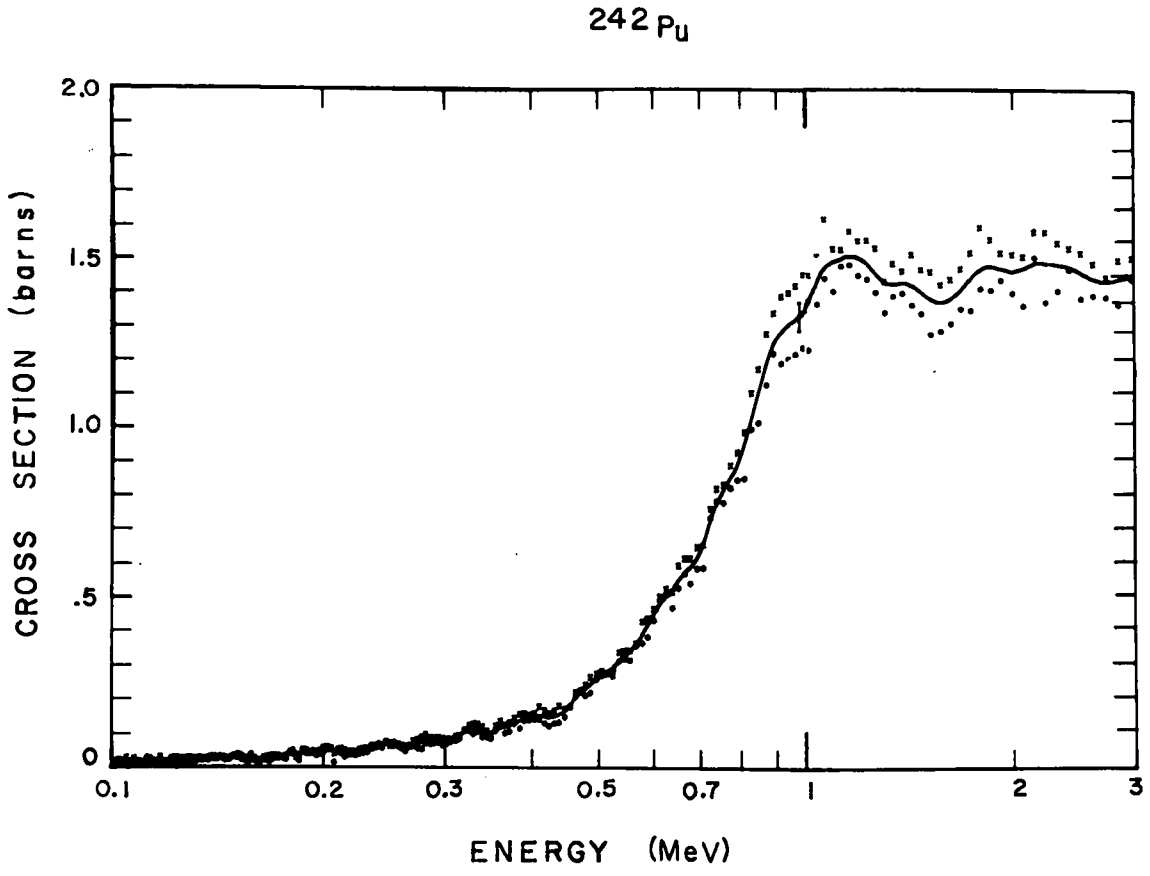

Fig. 17. Fission cross section of ^{242}Pu. The line is a Gaussian-smoothed average of 55° (x) and 90° (*) data.

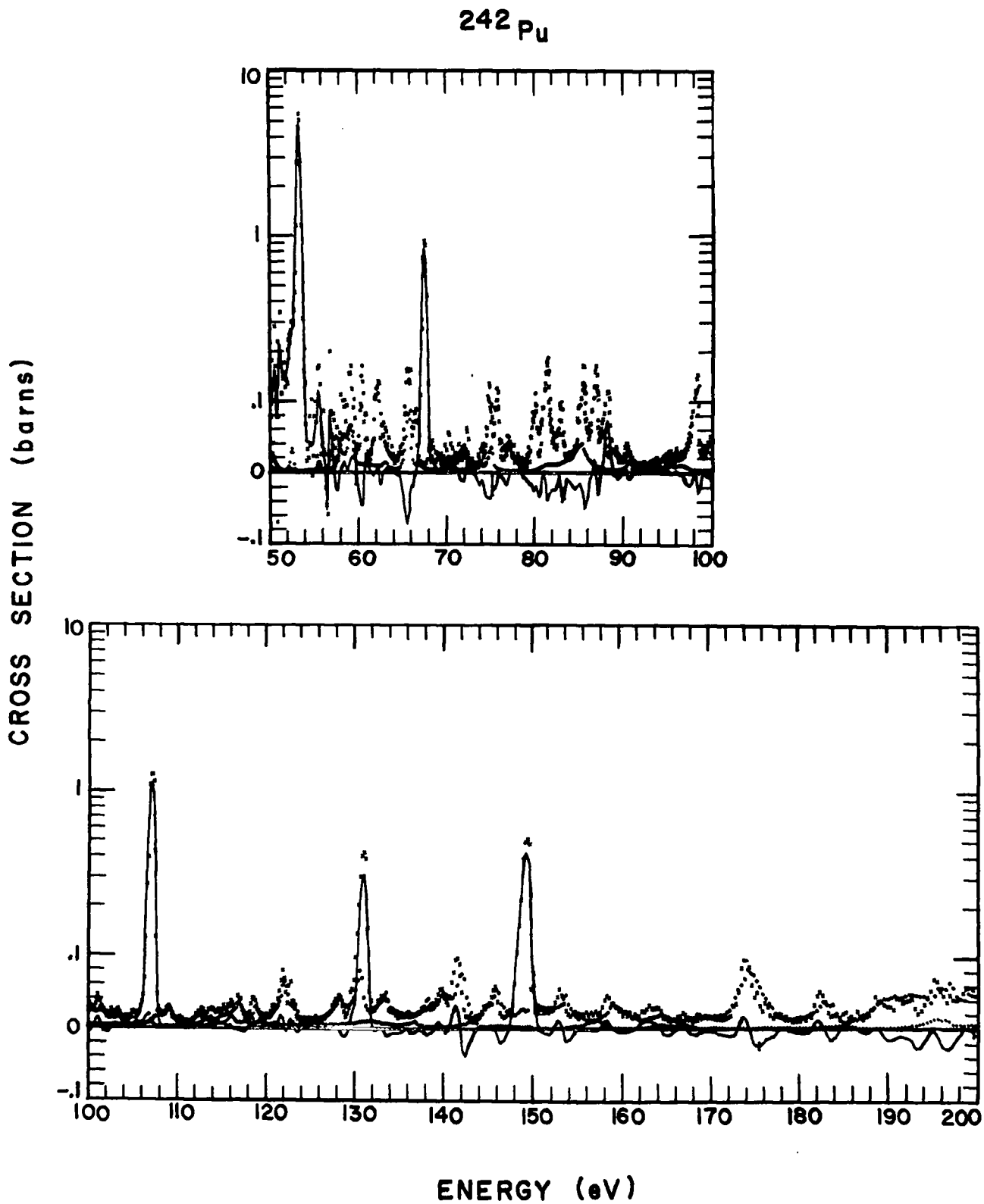

Fig. 18. Fission cross section of ^{242}Pu. Raw data (x) with amounts of ^{239}Pu (+) and ^{241}Pu (*) cross sections subtracted.

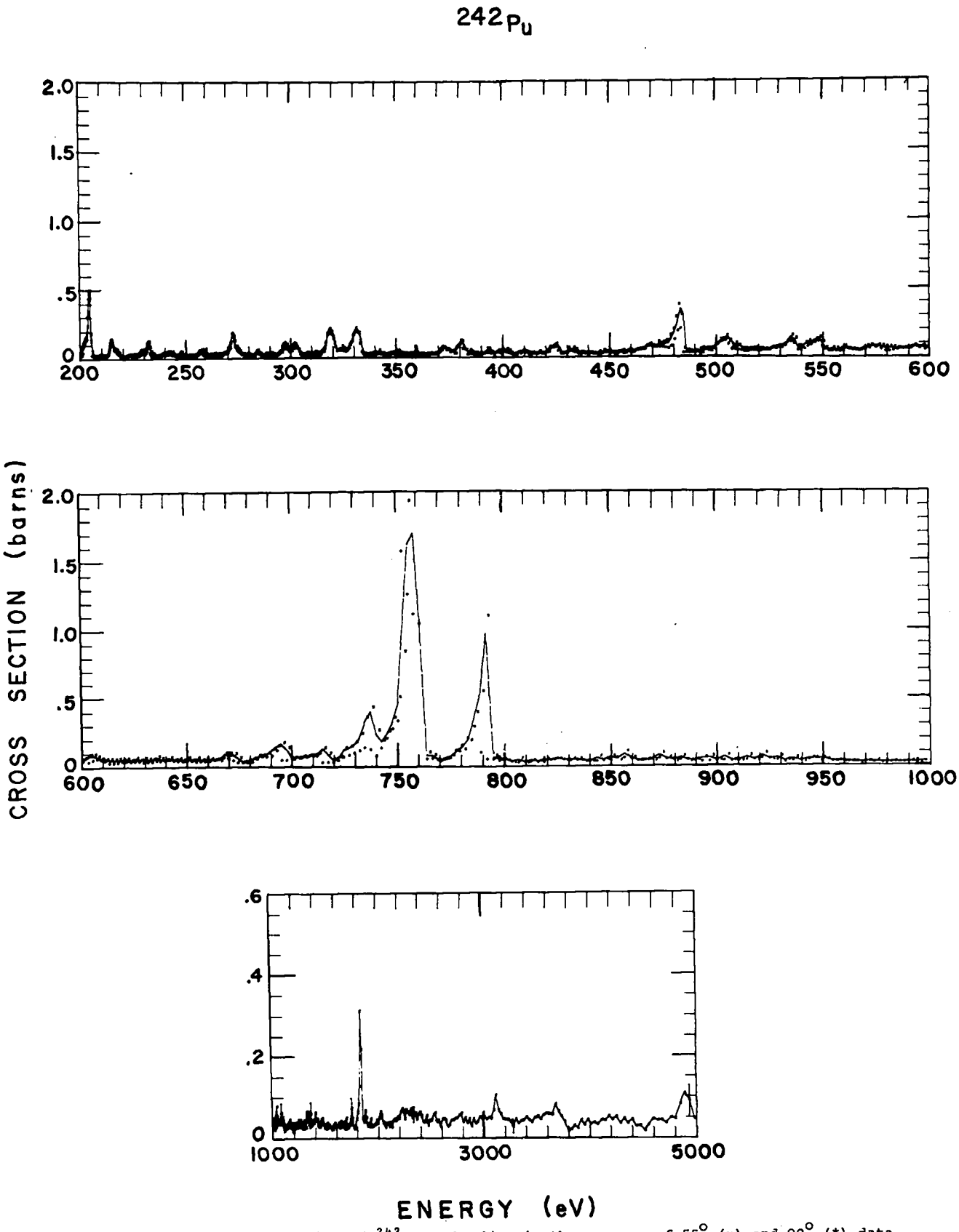

Fig. 19. Fission cross section of ^{242}Pu. The line is the average of 55° (x) and 90° (*) data.

TABLE IX

FISSION CROSS SECTION OF ^{242}PU (D. W. BERGEN AND R. R. FULLWOOD[14])

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.9627E+06	1.475	.067	7.7433E+05	.861	.064	3.4933E+05	.088	.070
2.8352E+06	1.433	.064	7.5703E+05	.811	.065	3.4406E+05	.098	.071
2.7158E+06	1.418	.064	7.4029E+05	.807	.062	3.3890E+05	.104	.067
2.6038E+06	1.441	.063	7.2411E+05	.754	.064	3.3386E+05	.116	.066
2.4985E+06	1.451	.061	7.0845E+05	.627	.064	3.2893E+05	.112	.070
2.3995E+06	1.501	.061	6.9329E+05	.622	.061	3.2411E+05	.115	.068
2.3063E+06	1.477	.062	6.7861E+05	.584	.068	3.1940E+05	.109	.114
2.2184E+06	1.476	.062	6.6439E+05	.597	.064	3.1478E+05	.089	.071
2.1355E+06	1.542	.064	6.5062E+05	.566	.071	3.1027E+05	.085	.074
2.0571E+06	1.455	.062	6.3727E+05	.498	.065	3.0585E+05	.079	.073
1.9829E+06	1.458	.062	6.2433E+05	.523	.062	3.0153E+05	.076	.072
1.9127E+06	1.478	.062	6.1177E+05	.501	.063	2.9729E+05	.075	.070
1.8462E+06	1.462	.062	5.9960E+05	.454	.066	2.9315E+05	.079	.075
1.7830E+06	1.505	.061	5.8778E+05	.414	.064	2.9220E+05	.077	.064
1.7231E+06	1.454	.062	5.7631E+05	.401	.063	2.8226E+05	.080	.067
1.6661E+06	1.411	.061	5.6517E+05	.364	.064	2.7282E+05	.073	.078
1.6119E+06	1.375	.061	5.5435E+05	.331	.069	2.6384E+05	.061	.099
1.5603E+06	1.356	.061	5.4383E+05	.334	.074	2.5530E+05	.064	.075
1.5112E+06	1.370	.064	5.3362E+05	.328	.074	2.4717E+05	.071	.085
1.4643E+06	1.404	.063	5.2369E+05	.281	.074	2.3942E+05	.063	.089
1.4196E+06	1.459	.062	5.1403E+05	.278	.069	2.3203E+05	.053	.121
1.3769E+06	1.432	.061	5.0464E+05	.279	.065	2.2498E+05	.046	.093
1.3360E+06	1.439	.062	4.9550E+05	.270	.066	2.1824E+05	.042	.078
1.2970E+06	1.387	.067	4.8661E+05	.243	.088	2.1180E+05	.047	.095
1.2597E+06	1.467	.062	4.7796E+05	.227	.065	2.0564E+05	.050	.153
1.2239E+06	1.498	.061	4.6954E+05	.225	.064	1.9975E+05	.052	.129
1.1897E+06	1.502	.061	4.6133E+05	.215	.101	1.9411E+05	.044	.114
1.1569E+06	1.532	.061	4.5334E+05	.179	.075	1.8870E+05	.047	.086
1.1254E+06	1.503	.065	4.4556E+05	.160	.071	1.8351E+05	.030	.168
1.0952E+06	1.468	.062	4.3797E+05	.157	.067	1.7854E+05	.043	.147
1.0661E+06	1.532	.061	4.3058E+05	.149	.066	1.7377E+05	.030	.113
1.0383E+06	1.437	.069	4.2337E+05	.140	.067	1.6918E+05	.029	.110
1.0115E+06	1.341	.063	4.1634E+05	.149	.067	1.6477E+05	.027	.119
9.8569E+05	1.347	.061	4.0948E+05	.160	.066	1.6054E+05	.021	.151
9.6088E+05	1.320	.063	4.0280E+05	.150	.066	1.5646E+05	.027	.230
9.3700E+05	1.304	.061	3.9627E+05	.146	.066	1.5254E+05	.031	.141
9.1400E+05	1.290	.063	3.8990E+05	.148	.067	1.4876E+05	.034	.128
8.9184E+05	1.280	.064	3.8369E+05	.136	.067	1.4513E+05	.027	.132
8.7047E+05	1.204	.064	3.7762E+05	.136	.074	1.4162E+05	.031	.157
8.4986E+05	1.098	.067	3.7169E+05	.118	.073	1.3824E+05	.029	.127
8.2998E+05	1.054	.064	3.6591E+05	.112	.070	1.3498E+05	.025	.129
8.1078E+05	.923	.064	3.6025E+05	.128	.071	1.3183E+05	.023	.139
7.9224E+05	.892	.063	3.5473E+05	.114	.102	1.2879E+05	.022	.166

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.2586E+05	.023	.139	3.7641E+03	.039	.480	2.6924E+03	.041	.467
1.2302E+05	.017	.186	3.7345E+03	.051	.380	2.6745E+03	.029	.517
1.2028E+05	.016	.209	3.7051E+03	.063	.400	2.6567E+03	.026	.678
1.1763E+05	.024	.308	3.6762E+03	.080	.293	2.6391E+03	.042	.402
1.1507E+05	.016	.191	3.6475E+03	.054	.417	2.6216E+03	.045	.433
1.1259E+05	.025	.211	3.6192E+03	.057	.339	2.6044E+03	.045	.371
1.1019E+05	.014	.180	3.5912E+03	.059	.325	2.5873E+03	.024	.698
1.0786E+05	.024	.291	3.5636E+03	.054	.344	2.5703E+03	.042	.455
1.0561E+05	.017	.261	3.5363E+03	.044	.456	2.5536E+03	.039	.486
1.0343E+05	.018	.247	3.5092E+03	.050	.366	2.5370E+03	.061	.311
1.0131E+05	.017	.275	3.4825E+03	.048	.354	2.5205E+03	.055	.379
9.9263E+04	.021	.227	3.4561E+03	.036	.516	2.5043E+03	.040	.483
5.0284E+03	.041	.445	3.4300E+03	.042	.385	2.4881E+03	.043	.483
4.9826E+03	.046	.448	3.4042E+03	.049	.353	2.4722E+03	.028	.643
4.9375E+03	.091	.402	3.3787E+03	.040	.470	2.4564E+03	.054	.338
4.8929E+03	.108	.357	3.3534E+03	.040	.417	2.4407E+03	.037	.518
4.8490E+03	.082	.377	3.3285E+03	.034	.523	2.4252E+03	.039	.492
4.8056E+03	.047	.428	3.3038E+03	.045	.406	2.4098E+03	.053	.366
4.7629E+03	.050	.417	3.2794E+03	.026	.634	2.3946E+03	.061	.326
4.7207E+03	.035	.578	3.2552E+03	.039	.448	2.3795E+03	.057	.383
4.6790E+03	.043	.427	3.2314E+03	.043	.445	2.3646E+03	.044	.450
4.6380E+03	.042	.538	3.2077E+03	.043	.380	2.3498E+03	.060	.363
4.5974E+03	.046	.419	3.1844E+03	.044	.373	2.3351E+03	.055	.341
4.5574E+03	.030	.493	3.1613E+03	.056	.326	2.3206E+03	.050	.420
4.5179E+03	.017	.840	3.1384E+03	.066	.291	2.3062E+03	.071	.283
4.4789E+03	.029	.564	3.1158E+03	.102	.295	2.2920E+03	.056	.387
4.4404E+03	.027	.638	3.0935E+03	.067	.293	2.2779E+03	.063	.351
4.4024E+03	.044	.429	3.0714E+03	.045	.436	2.2639E+03	.068	.307
4.3649E+03	.034	.563	3.0495E+03	.048	.366	2.2500E+03	.045	.442
4.3279E+03	.046	.431	3.0278E+03	.044	.441	2.2363E+03	.067	.295
4.2913E+03	.033	.562	3.0064E+03	.049	.355	2.2227E+03	.071	.327
4.2552E+03	.051	.388	2.9852E+03	.045	.363	2.2092E+03	.062	.322
4.2195E+03	.043	.500	2.9642E+03	.049	.341	2.1958E+03	.046	.441
4.1844E+03	.052	.381	2.9435E+03	.038	.482	2.1826E+03	.052	.365
4.1496E+03	.041	.502	2.9230E+03	.033	.536	2.1695E+03	.040	.489
4.1153E+03	.042	.434	2.9026E+03	.045	.418	2.1565E+03	.046	.452
4.0814E+03	.031	.572	2.8825E+03	.026	.656	2.1436E+03	.041	.477
4.0479E+03	.036	.458	2.8626E+03	.045	.418	2.1308E+03	.025	.736
4.0148E+03	.032	.565	2.8429E+03	.035	.516	2.1181E+03	.037	.522
3.9821E+03	.042	.389	2.8234E+03	.049	.409	2.1056E+03	.027	.706
3.9498E+03	.030	.585	2.8041E+03	.037	.476	2.0932E+03	.037	.527
3.9179E+03	.042	.410	2.7851E+03	.060	.314	2.0808E+03	.034	.490
3.8864E+03	.022	.715	2.7661E+03	.054	.390	2.0686E+03	.024	.755
3.8553E+03	.029	.607	2.7474E+03	.047	.417	2.0565E+03	.036	.483
3.8246E+03	.019	.736	2.7289E+03	.046	.363	2.0445E+03	.038	.515
3.7942E+03	.017	.864	2.7106E+03	.041	.385	2.0326E+03	.056	.335

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.0208E+03	.065	.549	1.5723E+03	.033	.585	1.2581E+03	.045	.526
2.0091E+03	.049	.393	1.5643E+03	.023	.863	1.2524E+03	.035	.658
1.9975E+03	.035	.562	1.5563E+03	.021	.963	1.2467E+03	.046	.541
1.9860E+03	.044	.405	1.5484E+03	.027	.636	1.2410E+03	.028	.658
1.9746E+03	.034	.575	1.5406E+03	.029	.730	1.2353E+03	.029	.773
1.9633E+03	.031	.557	1.5328E+03	.034	.579	1.2297E+03	.040	.503
1.9522E+03	.030	.642	1.5251E+03	.029	.729	1.2242E+03	.028	.711
1.9411E+03	.027	.704	1.5174E+03	.038	.479	1.2187E+03	.028	.806
1.9300E+03	.047	.457	1.5098E+03	.024	.870	1.2132E+03	.038	.545
1.9191E+03	.028	.704	1.5022E+03	.033	.654	1.2077E+03	.027	.811
1.9083E+03	.035	.542	1.4947E+03	.024	.847	1.2023E+03	.037	.693
1.8976E+03	.028	.587	1.4873E+03	.026	.785	1.1970E+03	.018	1.223
1.8869E+03	.050	.456	1.4799E+03	.034	.537	1.1916E+03	.027	.793
1.8764E+03	.066	.310	1.4726E+03	.039	.554	1.1863E+03	.019	1.129
1.8659E+03	.039	.523	1.4653E+03	.050	.395	1.1811E+03	.038	.738
1.8555E+03	.049	.372	1.4581E+03	.046	.427	1.1758E+03	.027	.764
1.8452E+03	.217	.577	1.4509E+03	.034	.646	1.1706E+03	.028	.810
1.8350E+03	.312	.181	1.4438E+03	.028	.759	1.1655E+03	.029	.787
1.8249E+03	.127	.290	1.4367E+03	.036	.547	1.1603E+03	.047	.529
1.8149E+03	.085	.312	1.4297E+03	.028	.748	1.1552E+03	.032	.725
1.8049E+03	.063	.324	1.4227E+03	.044	.538	1.1502E+03	.038	.518
1.7951E+03	.047	.464	1.4158E+03	.048	.471	1.1452E+03	.037	.636
1.7853E+03	.028	.636	1.4089E+03	.044	.516	1.1402E+03	.033	.628
1.7755E+03	.022	.803	1.4021E+03	.064	.393	1.1352E+03	.025	.910
1.7659E+03	.027	.732	1.3954E+03	.045	.427	1.1303E+03	.028	.827
1.7564E+03	.049	.391	1.3887E+03	.037	.595	1.1254E+03	.034	.599
1.7469E+03	.072	.332	1.3820E+03	.044	.501	1.1205E+03	.029	.796
1.7375E+03	.041	.518	1.3754E+03	.032	.668	1.1157E+03	.032	.702
1.7282E+03	.032	.552	1.3688E+03	.044	.509	1.1109E+03	.019	1.195
1.7189E+03	.032	.639	1.3623E+03	.035	.627	1.1061E+03	.022	1.042
1.7097E+03	.025	.788	1.3558E+03	.061	.454	1.1013E+03	.043	.569
1.7006E+03	.033	.549	1.3493E+03	.028	.761	1.0966E+03	.032	.757
1.6916E+03	.050	.451	1.3430E+03	.037	.615	1.0919E+03	.054	.500
1.6826E+03	.023	.860	1.3366E+03	.060	.407	1.0873E+03	.040	.599
1.6737E+03	.022	.896	1.3303E+03	.041	.558	1.0827E+03	.064	.349
1.6649E+03	.037	.534	1.3241E+03	.065	.377	1.0781E+03	.036	.659
1.6562E+03	.038	.400	1.3179E+03	.066	.419	1.0735E+03	.037	.579
1.6475E+03	.027	.733	1.3117E+03	.028	.772	1.0690E+03	.043	.571
1.6389E+03	.041	.516	1.3056E+03	.027	.813	1.0645E+03	.038	.605
1.6303E+03	.024	.819	1.2995E+03	.045	.518	1.0600E+03	.036	.676
1.6219E+03	.037	.574	1.2935E+03	.024	.892	1.0556E+03	.048	.434
1.6134E+03	.029	.708	1.2875E+03	.035	.640	1.0511E+03	.045	.553
1.6051E+03	.028	.612	1.2815E+03	.024	.892	1.0467E+03	.044	.472
1.5968E+03	.028	.723	1.2756E+03	.041	.578	1.0424E+03	.055	.471
1.5886E+03	.038	.519	1.2697E+03	.029	.773	1.0380E+03	.080	.297
1.5804E+03	.029	.713	1.2639E+03	.046	.498	1.0337E+03	.058	.463

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.0294E+03	.031	.785	8.5292E+02	.052	.342	7.2200E+02	.057	.311
1.0252E+03	.057	.544	8.4971E+02	.060	.427	7.1949E+02	.045	.427
1.0210E+03	.023	1.040	8.4651E+02	.040	.408	7.1701E+02	.084	.266
1.0167E+03	.050	.572	8.4334E+02	.059	.474	7.1453E+02	.122	.344
1.0126E+03	.029	.825	8.4018E+02	.035	.459	7.1206E+02	.087	.212
1.0084E+03	.047	.459	8.3704E+02	.038	.477	7.0961E+02	.080	.258
9.9803E+02	.037	.406	8.3391E+02	.047	.364	7.0717E+02	.073	.242
9.9396E+02	.029	.499	8.3081E+02	.047	.375	7.0474E+02	.070	.286
9.8992E+02	.030	.525	8.2772E+02	.046	.360	7.0233E+02	.065	.265
9.8590E+02	.023	.480	8.2465E+02	.054	.314	6.9993E+02	.060	.320
9.8191E+02	.025	.614	8.2159E+02	.046	.347	6.9754E+02	.114	.379
9.7794E+02	.024	.611	8.1855E+02	.046	.392	6.9516E+02	.158	.259
9.7400E+02	.028	.514	8.1553E+02	.037	.457	6.9280E+02	.137	.231
9.7008E+02	.026	.558	8.1253E+02	.042	.414	6.9044E+02	.114	.275
9.6619E+02	.025	.611	8.0954E+02	.029	.513	6.8810E+02	.088	.233
9.6231E+02	.027	.543	8.0657E+02	.051	.451	6.8577E+02	.077	.243
9.5846E+02	.029	.503	8.0362E+02	.037	.446	6.8346E+02	.068	.277
9.5464E+02	.030	.498	8.0068E+02	.053	.295	6.8115E+02	.051	.338
9.5083E+02	.047	.342	7.9775E+02	.055	.320	6.7886E+02	.038	.436
9.4705E+02	.045	.463	7.9485E+02	.068	.369	6.7657E+02	.034	.511
9.4329E+02	.046	.379	7.9196E+02	.977	.374	6.7430E+02	.056	.335
9.3956E+02	.031	.523	7.8908E+02	.536	.375	6.7204E+02	.081	.297
9.3584E+02	.044	.462	7.8622E+02	.357	.219	6.6979E+02	.084	.247
9.3215E+02	.029	.527	7.8338E+02	.200	.162	6.6756E+02	.086	.250
9.2848E+02	.053	.392	7.8055E+02	.140	.184	6.6533E+02	.054	.305
9.2483E+02	.045	.378	7.7774E+02	.112	.211	6.6312E+02	.051	.335
9.2121E+02	.068	.437	7.7494E+02	.072	.247	6.6091E+02	.051	.360
9.1760E+02	.040	.407	7.7215E+02	.053	.342	6.5872E+02	.051	.341
9.1402E+02	.056	.476	7.6938E+02	.048	.356	6.5654E+02	.046	.361
9.1045E+02	.033	.477	7.6663E+02	.074	.372	6.5437E+02	.057	.360
9.0691E+02	.034	.443	7.6389E+02	.079	.428	6.5221E+02	.048	.382
9.0339E+02	.061	.475	7.6117E+02	1.043	.215	6.5006E+02	.059	.295
8.9988E+02	.034	.438	7.5846E+02	1.704	.276	6.4792E+02	.043	.400
8.9640E+02	.054	.455	7.5576E+02	1.625	.219	6.4579E+02	.054	.321
8.9294E+02	.049	.395	7.5308E+02	1.050	.374	6.4367E+02	.052	.342
8.8950E+02	.036	.457	7.5042E+02	.463	.263	6.4156E+02	.061	.272
8.8608E+02	.037	.426	7.4777E+02	.319	.153	6.3947E+02	.052	.368
8.8268E+02	.056	.403	7.4513E+02	.237	.129	6.3738E+02	.054	.326
8.7929E+02	.041	.435	7.4250E+02	.176	.156	6.3530E+02	.066	.290
8.7593E+02	.052	.351	7.3989E+02	.228	.311	6.3324E+02	.051	.362
8.7259E+02	.073	.458	7.3730E+02	.390	.291	6.3118E+02	.053	.362
8.6926E+02	.045	.390	7.3471E+02	.316	.258	6.2913E+02	.060	.335
8.6596E+02	.041	.371	7.3214E+02	.202	.281	6.2710E+02	.050	.342
8.6267E+02	.038	.433	7.2959E+02	.151	.290	6.2507E+02	.063	.295
8.5940E+02	.055	.312	7.2704E+02	.127	.246	6.2305E+02	.046	.364
8.5615E+02	.085	.425	7.2451E+02	.113	.452	6.2104E+02	.058	.344

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
6.1905E+02	.057	.298	5.3663E+02	.114	.192	4.6963E+02	.084	.193
6.1706E+02	.055	.347	5.3503E+02	.136	.159	4.6832E+02	.077	.218
6.1508E+02	.055	.339	5.3343E+02	.102	.197	4.6701E+02	.064	.299
6.1311E+02	.055	.362	5.3184E+02	.079	.229	4.6571E+02	.055	.261
6.1115E+02	.060	.281	5.3025E+02	.071	.258	4.6441E+02	.051	.318
6.0920E+02	.065	.294	5.2868E+02	.068	.272	4.6312E+02	.047	.313
6.0726E+02	.079	.230	5.2711E+02	.060	.297	4.6183E+02	.056	.434
6.0533E+02	.087	.219	5.2554E+02	.049	.331	4.6055E+02	.040	.364
6.0341E+02	.084	.308	5.2399E+02	.048	.325	4.5927E+02	.036	.426
6.0149E+02	.075	.253	5.2244E+02	.047	.357	4.5800E+02	.035	.403
5.9959E+02	.060	.295	5.2090E+02	.044	.351	4.5673E+02	.042	.461
5.9769E+02	.067	.276	5.1936E+02	.049	.330	4.5547E+02	.038	.376
5.9581E+02	.072	.238	5.1784E+02	.048	.325	4.5422E+02	.032	.476
5.9393E+02	.072	.277	5.1631E+02	.045	.329	4.5297E+02	.031	.512
5.9206E+02	.079	.236	5.1480E+02	.044	.354	4.5172E+02	.029	.495
5.9020E+02	.065	.296	5.1329E+02	.043	.356	4.5048E+02	.038	.369
5.8835E+02	.061	.282	5.1179E+02	.066	.281	4.4925E+02	.035	.452
5.8651E+02	.059	.310	5.1029E+02	.079	.320	4.4802E+02	.037	.438
5.8467E+02	.056	.294	5.0881E+02	.067	.265	4.4679E+02	.027	.550
5.8285E+02	.060	.333	5.0732E+02	.100	.263	4.4557E+02	.028	.496
5.8103E+02	.063	.306	5.0585E+02	.128	.259	4.4436E+02	.022	.606
5.7922E+02	.059	.322	5.0438E+02	.120	.175	4.4315E+02	.024	.536
5.7743E+02	.070	.248	5.0292E+02	.115	.182	4.4194E+02	.027	.537
5.7563E+02	.078	.238	5.0146E+02	.092	.199	4.4074E+02	.027	.482
5.7385E+02	.071	.276	5.0001E+02	.071	.261	4.3955E+02	.027	.534
5.7208E+02	.070	.239	4.9857E+02	.056	.300	4.3836E+02	.028	.477
5.7031E+02	.066	.288	4.9713E+02	.050	.348	4.3717E+02	.029	.464
5.6855E+02	.055	.289	4.9570E+02	.055	.283	4.3599E+02	.024	.509
5.6680E+02	.044	.404	4.9427E+02	.054	.354	4.3482E+02	.045	.399
5.6506E+02	.049	.346	4.9285E+02	.034	1.079	4.3364E+02	.059	.358
5.6333E+02	.052	.336	4.9144E+02	.035	.441	4.3248E+02	.047	.296
5.6160E+02	.056	.308	4.9003E+02	.030	.453	4.3132E+02	.057	.261
5.5988E+02	.061	.358	4.8863E+02	.033	.482	4.3016E+02	.034	.414
5.5817E+02	.043	.370	4.8724E+02	.036	.391	4.2901E+02	.031	.453
5.5647E+02	.048	.361	4.8585E+02	.050	.363	4.2786E+02	.027	.478
5.5477E+02	.056	.327	4.8447E+02	.294	.235	4.2672E+02	.049	.362
5.5309E+02	.041	.383	4.8309E+02	.342	.234	4.2558E+02	.083	.296
5.5141E+02	.056	.306	4.8172E+02	.258	.181	4.2444E+02	.079	.196
5.4974E+02	.093	.205	4.8035E+02	.180	.177	4.2331E+02	.072	.239
5.4807E+02	.125	.166	4.7899E+02	.137	.285	4.2219E+02	.067	.258
5.4642E+02	.110	.199	4.7764E+02	.095	.291	4.2107E+02	.052	.314
5.4477E+02	.094	.205	4.7629E+02	.091	.231	4.1995E+02	.034	.384
5.4312E+02	.096	.258	4.7495E+02	.079	.231	4.1884E+02	.030	.468
5.4149E+02	.085	.295	4.7361E+02	.095	.204	4.1773E+02	.039	.343
5.3986E+02	.058	.318	4.7228E+02	.069	.244	4.1663E+02	.031	.450
5.3824E+02	.067	.273	4.7095E+02	.074	.248	4.1553E+02	.027	.454

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
4.1444E+02	.033	.405	3.6842E+02	.024	.500	3.2966E+02	.139	.162
4.1335E+02	.030	.490	3.6751E+02	.025	.481	3.2889E+02	.102	.151
4.1226E+02	.032	.430	3.6660E+02	.028	.456	3.2811E+02	.083	.172
4.1118E+02	.041	.338	3.6569E+02	.021	.560	3.2735E+02	.061	.199
4.1010E+02	.049	.296	3.6479E+02	.024	.454	3.2658E+02	.047	.268
4.0903E+02	.041	.366	3.6389E+02	.022	.492	3.2582E+02	.062	.254
4.0796E+02	.042	.343	3.6299E+02	.024	.531	3.2506E+02	.071	.329
4.0690E+02	.034	.459	3.6209E+02	.024	.507	3.2430E+02	.055	.227
4.0583E+02	.027	.464	3.6120E+02	.024	.499	3.2355E+02	.058	.227
4.0478E+02	.032	.406	3.6032E+02	.030	.436	3.2279E+02	.052	.214
4.0373E+02	.046	.338	3.5943E+02	.064	.537	3.2204E+02	.053	.257
4.0268E+02	.057	.291	3.5855E+02	.024	.484	3.2130E+02	.092	.214
4.0164E+02	.049	.297	3.5767E+02	.028	.465	3.2055E+02	.145	.120
4.0059E+02	.055	.280	3.5680E+02	.027	.467	3.1981E+02	.180	.111
3.9956E+02	.049	.338	3.5593E+02	.027	.511	3.1907E+02	.203	.102
3.9853E+02	.043	.301	3.5506E+02	.028	.441	3.1833E+02	.183	.107
3.9750E+02	.035	.368	3.5420E+02	.028	.470	3.1760E+02	.169	.144
3.9648E+02	.029	.478	3.5334E+02	.027	.446	3.1687E+02	.104	.202
3.9545E+02	.040	.415	3.5248E+02	.035	.386	3.1614E+02	.064	.218
3.9444E+02	.049	.370	3.5162E+02	.039	.354	3.1541E+02	.053	.247
3.9343E+02	.052	.322	3.5077E+02	.037	.347	3.1469E+02	.045	.266
3.9242E+02	.036	.350	3.4992E+02	.026	.437	3.1397E+02	.035	.382
3.9141E+02	.029	.473	3.4908E+02	.033	.438	3.1325E+02	.034	.371
3.9041E+02	.028	.438	3.4823E+02	.027	.393	3.1253E+02	.035	.349
3.8942E+02	.023	.543	3.4739E+02	.030	.388	3.1182E+02	.039	.308
3.8842E+02	.028	.477	3.4656E+02	.027	.453	3.1111E+02	.035	.333
3.8743E+02	.027	.521	3.4572E+02	.026	.488	3.1040E+02	.023	.457
3.8645E+02	.035	.368	3.4489E+02	.020	.552	3.0969E+02	.024	.432
3.8547E+02	.045	.395	3.4406E+02	.028	.435	3.0899E+02	.032	.345
3.8449E+02	.033	.413	3.4324E+02	.025	.427	3.0828E+02	.038	.307
3.8352E+02	.048	.321	3.4242E+02	.042	.457	3.0758E+02	.033	.368
3.8255E+02	.071	.223	3.4160E+02	.030	.386	3.0689E+02	.025	.403
3.8158E+02	.103	.261	3.4078E+02	.033	.366	3.0619E+02	.018	.538
3.8062E+02	.114	.235	3.3997E+02	.031	.367	3.0550E+02	.024	.415
3.7966E+02	.085	.215	3.3916E+02	.025	.457	3.0481E+02	.030	.372
3.7870E+02	.067	.288	3.3835E+02	.026	.418	3.0412E+02	.054	.233
3.7775E+02	.050	.336	3.3755E+02	.020	.567	3.0343E+02	.071	.166
3.7680E+02	.044	.314	3.3675E+02	.021	.512	3.0275E+02	.094	.152
3.7585E+02	.045	.302	3.3595E+02	.024	.459	3.0207E+02	.092	.189
3.7491E+02	.058	.251	3.3515E+02	.024	.459	3.0139E+02	.085	.200
3.7398E+02	.056	.265	3.3436E+02	.028	.394	3.0072E+02	.071	.210
3.7304E+02	.071	.204	3.3357E+02	.104	.325	3.0004E+02	.057	.190
3.7211E+02	.066	.232	3.3278E+02	.166	.207	2.9937E+02	.047	.232
3.7118E+02	.056	.260	3.3200E+02	.186	.098	2.9870E+02	.064	.180
3.7026E+02	.038	.392	3.3122E+02	.207	.096	2.9803E+02	.089	.148
3.6934E+02	.031	.374	3.3044E+02	.178	.108	2.9737E+02	.096	.161

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.9670E+02	.090	.225	2.6845E+02	.042	.239	2.4405E+02	.032	.250
2.9604E+02	.079	.191	2.6788E+02	.035	.240	2.4355E+02	.047	.416
2.9539E+02	.050	.225	2.6732E+02	.029	.338	2.4306E+02	.044	.225
2.9473E+02	.039	.253	2.6675E+02	.033	.264	2.4257E+02	.050	.190
2.9407E+02	.040	.271	2.6619E+02	.030	.360	2.4208E+02	.054	.182
2.9342E+02	.024	.383	2.6562E+02	.029	.282	2.4160E+02	.047	.222
2.9277E+02	.023	.394	2.6507E+02	.027	.373	2.4111E+02	.043	.223
2.9212E+02	.027	.377	2.6451E+02	.018	.430	2.4062E+02	.032	.242
2.9148E+02	.029	.353	2.6395E+02	.023	.430	2.4014E+02	.030	.279
2.9084E+02	.028	.337	2.6340E+02	.031	.346	2.3966E+02	.042	.269
2.9019E+02	.032	.330	2.6284E+02	.028	.341	2.3918E+02	.039	.210
2.8956E+02	.024	.393	2.6229E+02	.024	.374	2.3870E+02	.033	.242
2.8892E+02	.025	.400	2.6174E+02	.025	.327	2.3823E+02	.029	.299
2.8828E+02	.020	.421	2.6120E+02	.029	.290	2.3775E+02	.025	.329
2.8765E+02	.028	.396	2.6065E+02	.025	.318	2.3728E+02	.025	.292
2.8702E+02	.020	.439	2.6011E+02	.021	.380	2.3680E+02	.025	.318
2.8639E+02	.016	.540	2.5956E+02	.026	.324	2.3633E+02	.024	.379
2.8576E+02	.019	.410	2.5902E+02	.038	.359	2.3586E+02	.022	.367
2.8514E+02	.030	.319	2.5848E+02	.052	.320	2.3539E+02	.018	.404
2.8452E+02	.037	.261	2.5795E+02	.050	.213	2.3493E+02	.022	.354
2.8390E+02	.049	.234	2.5741E+02	.064	.156	2.3446E+02	.030	.427
2.8328E+02	.047	.371	2.5688E+02	.057	.180	2.3400E+02	.025	.328
2.8266E+02	.027	.348	2.5634E+02	.046	.194	2.3353E+02	.038	.354
2.8205E+02	.022	.408	2.5581E+02	.049	.337	2.3307E+02	.049	.345
2.8144E+02	.022	.427	2.5528E+02	.026	.338	2.3261E+02	.081	.308
2.8083E+02	.024	.379	2.5476E+02	.026	.324	2.3215E+02	.121	.115
2.8022E+02	.021	.392	2.5423E+02	.020	.387	2.3169E+02	.126	.135
2.7961E+02	.028	.357	2.5371E+02	.025	.415	2.3124E+02	.099	.148
2.7901E+02	.024	.351	2.5318E+02	.017	.481	2.3078E+02	.069	.148
2.7840E+02	.030	.314	2.5266E+02	.024	.341	2.3033E+02	.056	.171
2.7780E+02	.029	.314	2.5214E+02	.023	.306	2.2988E+02	.045	.227
2.7720E+02	.030	.337	2.5162E+02	.022	.350	2.2943E+02	.044	.191
2.7661E+02	.031	.270	2.5111E+02	.025	.326	2.2898E+02	.048	.172
2.7601E+02	.036	.290	2.5060E+02	.019	.385	2.2853E+02	.054	.241
2.7542E+02	.049	.194	2.5008E+02	.021	.352	2.2808E+02	.058	.287
2.7483E+02	.062	.184	2.4957E+02	.021	.362	2.2764E+02	.036	.301
2.7424E+02	.075	.252	2.4906E+02	.026	.305	2.2719E+02	.031	.231
2.7365E+02	.079	.151	2.4855E+02	.020	.370	2.2675E+02	.027	.270
2.7307E+02	.125	.121	2.4805E+02	.043	.270	2.2631E+02	.026	.280
2.7248E+02	.163	.097	2.4754E+02	.035	.249	2.2587E+02	.024	.333
2.7190E+02	.171	.155	2.4704E+02	.044	.450	2.2543E+02	.031	.393
2.7132E+02	.109	.197	2.4653E+02	.025	.303	2.2499E+02	.029	.276
2.7074E+02	.080	.152	2.4603E+02	.024	.341	2.2456E+02	.026	.247
2.7017E+02	.070	.160	2.4553E+02	.025	.359	2.2412E+02	.024	.315
2.6959E+02	.048	.226	2.4504E+02	.030	.279	2.2369E+02	.026	.269
2.6902E+02	.041	.225	2.4454E+02	.027	.306	2.2325E+02	.030	.242

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.2282E+02	.025	.286	2.0225E+02	.069	.140	1.8136E+02	-.001	3.023
2.2239E+02	.025	.269	2.0185E+02	.056	.158	1.8025E+02	-.005	.253
2.2196E+02	.021	.335	2.0145E+02	.038	.221	1.7902E+02	-.003	.911
2.2153E+02	.022	.354	2.0106E+02	.018	.529	1.7869E+02	-.000	9.832
2.2111E+02	.023	.318	2.0067E+02	.002	4.775	1.7813E+02	.001	2.027
2.2068E+02	.021	.339	2.0027E+02	-.007	1.108	1.7770E+02	-.001	3.941
2.2026E+02	.020	.333	1.9988E+02	-.007	.933	1.7737E+02	-.006	.583
2.1984E+02	.019	.348	1.9949E+02	-.003	1.977	1.7705E+02	-.011	.299
2.1941E+02	.018	.362	1.9884E+02	.001	3.504	1.7672E+02	-.013	.283
2.1899E+02	.022	.295	1.9833E+02	-.001	10.813	1.7640E+02	-.014	.368
2.1857E+02	.028	.243	1.9794E+02	-.007	.840	1.7607E+02	-.017	.349
2.1816E+02	.040	.189	1.9756E+02	-.016	.396	1.7553E+02	-.024	.208
2.1774E+02	.043	.192	1.9718E+02	-.024	.283	1.7511E+02	-.023	.379
2.1732E+02	.051	.151	1.9654E+02	-.027	.173	1.7479E+02	-.018	.511
2.1691E+02	.063	.150	1.9603E+02	-.021	.295	1.7447E+02	-.006	1.626
2.1649E+02	.068	.125	1.9565E+02	-.010	.665	1.7415E+02	.008	1.114
2.1608E+02	.070	.140	1.9502E+02	-.000	23.260	1.7361E+02	.015	.441
2.1567E+02	.080	.114	1.9452E+02	-.006	1.016	1.7320E+02	.004	2.181
2.1526E+02	.101	.165	1.9415E+02	-.016	.342	1.7289E+02	-.006	1.155
2.1485E+02	.137	.104	1.9352E+02	-.026	.161	1.7236E+02	-.010	.329
2.1445E+02	.133	.127	1.9303E+02	-.023	.239	1.7173E+02	-.009	.233
2.1404E+02	.102	.197	1.9266E+02	-.017	.322	1.7111E+02	-.008	.249
2.1364E+02	.070	.123	1.9204E+02	-.012	.327	1.7071E+02	-.006	.418
2.1323E+02	.052	.165	1.9131E+02	-.010	.493	1.7040E+02	-.005	.557
2.1283E+02	.034	.195	1.9058E+02	-.014	.308	1.6988E+02	-.003	.596
2.1243E+02	.027	.241	1.9010E+02	-.014	.342	1.6927E+02	-.003	.567
2.1203E+02	.026	.263	1.8974E+02	-.011	.441	1.6888E+02	-.005	.526
2.1163E+02	.029	.262	1.8938E+02	-.006	.774	1.6857E+02	-.008	.347
2.1123E+02	.024	.287	1.8902E+02	-.001	8.309	1.6827E+02	-.009	.297
2.1083E+02	.025	.302	1.8842E+02	.001	3.145	1.6797E+02	-.007	.379
2.1044E+02	.028	.273	1.8770E+02	-.005	.485	1.6767E+02	-.004	.671
2.1004E+02	.030	.230	1.8724E+02	-.004	.736	1.6737E+02	-.001	1.848
2.0965E+02	.032	.197	1.8688E+02	-.001	7.076	1.6686E+02	.002	1.026
2.0932E+02	.008	.348	1.8629E+02	.002	1.353	1.6648E+02	.002	1.465
2.0824E+02	.006	.297	1.8583E+02	.002	1.232	1.6618E+02	-.000	5.628
2.0683E+02	.003	.896	1.8548E+02	.004	.772	1.6588E+02	-.004	.695
2.0628E+02	.012	.388	1.8513E+02	.005	.752	1.6559E+02	-.007	.387
2.0587E+02	.039	.182	1.8478E+02	.002	1.804	1.6509E+02	-.009	.209
2.0547E+02	.102	.110	1.8444E+02	-.004	.827	1.6471E+02	-.008	.366
2.0506E+02	.211	.080	1.8409E+02	-.011	.343	1.6442E+02	-.003	1.043
2.0465E+02	.330	.069	1.8374E+02	-.015	.272	1.6413E+02	.003	1.255
2.0425E+02	.369	.070	1.8340E+02	-.013	.346	1.6384E+02	.007	.506
2.0385E+02	.306	.092	1.8306E+02	-.005	1.145	1.6355E+02	.008	.371
2.0344E+02	.207	.126	1.8272E+02	.004	1.588	1.6326E+02	.010	.309
2.0305E+02	.130	.126	1.8214E+02	.011	.360	1.6277E+02	.011	.201
2.0265E+02	.088	.118	1.8170E+02	.006	.690	1.6240E+02	.009	.330

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.6211E+02	.007	.440	1.4577E+02	-.001	11.255	1.3348E+02	-.008	.596
1.6182E+02	.004	.693	1.4535E+02	.003	.973	1.3310E+02	-.002	1.390
1.6154E+02	.002	1.424	1.4487E+02	.000	5.959	1.3284E+02	-.002	2.159
1.6126E+02	.000	9.833	1.4439E+02	.002	1.185	1.3263E+02	-.004	1.015
1.6098E+02	-.002	1.498	1.4409E+02	.001	4.413	1.3242E+02	-.006	.589
1.6049E+02	-.004	.534	1.4385E+02	-.002	1.332	1.3220E+02	-.004	.721
1.5993E+02	-.005	.474	1.4361E+02	-.005	.567	1.3199E+02	.005	.771
1.5937E+02	-.003	.740	1.4337E+02	-.009	.307	1.3179E+02	.034	.223
1.5882E+02	.003	1.146	1.4313E+02	-.016	.196	1.3158E+02	.107	.129
1.5827E+02	.012	.306	1.4290E+02	-.025	.152	1.3137E+02	.222	.094
1.5791E+02	.010	.430	1.4266E+02	-.033	.137	1.3116E+02	.309	.074
1.5764E+02	.004	.968	1.4243E+02	-.039	.158	1.3095E+02	.308	.067
1.5717E+02	-.002	1.297	1.4219E+02	-.033	.253	1.3075E+02	.240	.078
1.5619E+02	-.001	2.061	1.4196E+02	-.012	.822	1.3054E+02	.156	.106
1.5501E+02	-.001	2.887	1.4172E+02	.014	.686	1.3034E+02	.090	.156
1.5467E+02	-.003	1.099	1.4149E+02	.029	.315	1.3013E+02	.050	.199
1.5441E+02	-.009	.409	1.4126E+02	.030	.260	1.2992E+02	.027	.253
1.5414E+02	-.015	.257	1.4103E+02	.021	.298	1.2972E+02	.014	.470
1.5388E+02	-.018	.242	1.4080E+02	.007	.829	1.2952E+02	.004	1.527
1.5362E+02	-.015	.334	1.4056E+02	-.004	1.359	1.2931E+02	-.006	.728
1.5335E+02	-.004	1.559	1.4034E+02	-.008	.701	1.2895E+02	-.014	.176
1.5290E+02	.010	.506	1.4010E+02	-.004	1.272	1.2870E+02	-.013	.316
1.5257E+02	.007	.637	1.3988E+02	.003	2.058	1.2850E+02	-.009	.573
1.5231E+02	.001	6.747	1.3965E+02	.007	.654	1.2830E+02	-.004	1.472
1.5205E+02	-.005	.788	1.3942E+02	.007	.653	1.2810E+02	-.000	58.131
1.5179E+02	-.007	.526	1.3919E+02	.002	2.157	1.2775E+02	.003	1.115
1.5135E+02	-.006	.372	1.3897E+02	-.004	.999	1.2750E+02	.002	2.259
1.5083E+02	.000	24.349	1.3874E+02	-.008	.464	1.2730E+02	-.000	94.970
1.5051E+02	.009	.480	1.3835E+02	-.011	.238	1.2695E+02	-.001	2.207
1.5025E+02	.027	.346	1.3806E+02	-.010	.371	1.2656E+02	-.001	1.234
1.5000E+02	.082	.207	1.3784E+02	-.006	.649	1.2616E+02	-.001	1.081
1.4974E+02	.213	.112	1.3745E+02	-.002	1.118	1.2578E+02	.001	1.664
1.4949E+02	.372	.074	1.3717E+02	-.004	.779	1.2526E+02	.003	.435
1.4924E+02	.436	.066	1.3695E+02	-.007	.431	1.2461E+02	.003	.636
1.4899E+02	.388	.110	1.3656E+02	-.008	.224	1.2438E+02	.002	1.695
1.4874E+02	.281	.160	1.3629E+02	-.006	.498	1.2419E+02	-.000	13.051
1.4848E+02	.177	.162	1.3607E+02	-.003	1.102	1.2399E+02	-.003	.838
1.4824E+02	.106	.168	1.3585E+02	-.003	1.103	1.2380E+02	-.006	.425
1.4799E+02	.058	.184	1.3563E+02	-.005	.586	1.2347E+02	-.007	.335
1.4774E+02	.026	.254	1.3541E+02	-.007	.413	1.2309E+02	.003	1.328
1.4749E+02	.007	.483	1.3520E+02	-.008	.334	1.2271E+02	.010	.550
1.4724E+02	-.003	.960	1.3481E+02	-.009	.206	1.2248E+02	.001	15.466
1.4700E+02	-.011	.287	1.3438E+02	-.008	.251	1.2230E+02	-.007	.926
1.4675E+02	-.017	.200	1.3412E+02	-.010	.344	1.2211E+02	-.001	6.812
1.4632E+02	-.019	.187	1.3390E+02	-.012	.322	1.2192E+02	.011	.774
1.4602E+02	-.011	.558	1.3369E+02	-.011	.378	1.2174E+02	.016	.449

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.2155E+02	.012	.425	1.1119E+02	.004	.331	1.0178E+02	-.003	.718
1.2137E+02	.006	.808	1.1086E+02	.004	.370	1.0162E+02	-.003	1.372
1.2118E+02	.001	4.910	1.1054E+02	.004	.373	1.0148E+02	-.001	4.430
1.2100E+02	.001	5.024	1.1022E+02	.004	.384	1.0133E+02	.004	1.082
1.2081E+02	.003	1.096	1.1003E+02	.003	.813	1.0119E+02	.010	.503
1.2063E+02	.004	.832	1.0987E+02	.001	2.065	1.0105E+02	.013	.384
1.2045E+02	.002	1.091	1.0959E+02	-.000	104.765	1.0091E+02	.011	.432
1.2012E+02	-.000	17.638	1.0927E+02	-.001	1.760	1.0077E+02	.006	.691
1.1976E+02	.001	1.541	1.0869E+02	.001	1.118	1.0063E+02	.002	2.450
1.1954E+02	.001	2.853	1.0814E+02	.002	1.599	1.0049E+02	-.001	2.546
1.1936E+02	-.001	3.751	1.0799E+02	.006	.555	1.0036E+02	-.004	1.013
1.1904E+02	-.004	.772	1.0783E+02	.028	.224	1.0022E+02	-.007	.585
1.1882E+02	.000	8.936	1.0768E+02	.105	.118	1.0008E+02	-.010	.429
1.1864E+02	.009	.490	1.0753E+02	.312	.095	9.9939E+01	-.010	.477
1.1846E+02	.014	.382	1.0737E+02	.662	.084	9.9802E+01	-.006	.917
1.1828E+02	.012	.440	1.0722E+02	.996	.069	9.9547E+01	-.002	2.199
1.1811E+02	.006	.663	1.0706E+02	1.118	.058	9.9273E+01	.002	2.045
1.1793E+02	-.000	6.089	1.0691E+02	.991	.066	9.9116E+01	.004	1.041
1.1775E+02	-.005	.527	1.0676E+02	.680	.096	9.8980E+01	.002	2.128
1.1758E+02	-.007	.413	1.0661E+02	.369	.127	9.8844E+01	-.005	.947
1.1726E+02	-.006	.645	1.0645E+02	.182	.108	9.8708E+01	-.016	.421
1.1691E+02	-.004	1.037	1.0630E+02	.089	.087	9.8458E+01	-.027	.356
1.1656E+02	-.003	.817	1.0615E+02	.046	.112	9.8303E+01	-.015	.997
1.1635E+02	-.004	.938	1.0600E+02	.029	.147	9.8169E+01	.003	5.462
1.1618E+02	-.002	2.109	1.0585E+02	.020	.180	9.8034E+01	.004	4.073
1.1587E+02	.001	2.273	1.0570E+02	.014	.224	9.7900E+01	-.006	2.356
1.1553E+02	.001	2.002	1.0555E+02	.011	.269	9.7652E+01	-.016	.384
1.1518E+02	.003	.693	1.0528E+02	.010	.192	9.7386E+01	-.018	.238
1.1484E+02	.004	.517	1.0498E+02	.012	.172	9.7235E+01	-.016	.366
1.1464E+02	.006	.514	1.0480E+02	.011	.273	9.7102E+01	-.013	.422
1.1447E+02	.008	.390	1.0466E+02	.009	.324	9.6970E+01	-.009	.550
1.1430E+02	.009	.327	1.0439E+02	.007	.278	9.6838E+01	-.005	.941
1.1413E+02	.011	.279	1.0421E+02	.006	.444	9.6500E+01	-.004	.454
1.1383E+02	.013	.165	1.0407E+02	.005	.567	9.6071E+01	.001	5.336
1.1363E+02	.013	.244	1.0392E+02	.002	1.349	9.5923E+01	.002	2.226
1.1346E+02	.011	.297	1.0377E+02	-.001	4.430	9.5793E+01	-.001	3.400
1.1316E+02	.007	.284	1.0351E+02	.000	6.015	9.5552E+01	-.002	1.198
1.1296E+02	.009	.344	1.0322E+02	.004	.536	9.5294E+01	.000	6.445
1.1280E+02	.013	.251	1.0305E+02	.004	.868	9.5038E+01	.002	1.167
1.1250E+02	.015	.147	1.0290E+02	.002	1.403	9.4782E+01	.005	.554
1.1230E+02	.013	.207	1.0276E+02	.001	3.710	9.4528E+01	.007	.345
1.1214E+02	.011	.222	1.0261E+02	-.000	8.714	9.4384E+01	.006	.524
1.1197E+02	.010	.256	1.0247E+02	-.003	1.206	9.4257E+01	.005	.668
1.1181E+02	.008	.324	1.0233E+02	-.007	.470	9.4021E+01	.004	.595
1.1164E+02	.006	.422	1.0218E+02	-.008	.390	9.3770E+01	.006	.437
1.1148E+02	.005	.476	1.0204E+02	-.006	.465	9.3519E+01	.006	.398

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
9.3270E+01	.007	.360	8.6546E+01	-.000	40.081	7.9948E+01	-.027	.345
9.3021E+01	.005	.426	8.6435E+01	-.007	1.404	7.9751E+01	-.019	.465
9.2685E+01	.005	.283	8.6324E+01	-.011	.818	7.9554E+01	-.018	.308
9.2281E+01	.007	.305	8.6213E+01	-.019	.451	7.9450E+01	-.019	.369
9.2037E+01	.007	.347	8.6103E+01	-.028	.279	7.9352E+01	-.015	.489
9.1793E+01	.005	.417	8.5993E+01	-.035	.224	7.8992E+01	-.010	.300
9.1550E+01	.004	.535	8.5883E+01	-.042	.211	7.8673E+01	-.008	.640
9.1309E+01	.004	.572	8.5773E+01	-.048	.222	7.8577E+01	-.003	2.269
9.1174E+01	.003	1.205	8.5663E+01	-.045	.290	7.8390E+01	-.002	2.509
9.1054E+01	-.001	6.630	8.5554E+01	-.030	.512	7.8030E+01	-.002	1.803
9.0934E+01	-.006	.783	8.5156E+01	-.015	.416	7.7556E+01	.001	2.391
9.0814E+01	-.010	.498	8.4793E+01	-.021	.449	7.7251E+01	-.001	9.269
9.0695E+01	-.010	.479	8.4686E+01	-.025	.294	7.7153E+01	-.004	1.892
9.0575E+01	-.005	.927	8.4480E+01	-.023	.179	7.7059E+01	-.011	.753
9.0456E+01	.001	4.374	8.4363E+01	-.021	.271	7.6877E+01	-.018	.302
9.0338E+01	.005	1.075	8.4257E+01	-.018	.297	7.6780E+01	-.018	.439
9.0219E+01	.004	1.201	8.4052E+01	-.014	.266	7.6687E+01	-.014	.535
9.0101E+01	.001	3.832	8.3840E+01	-.013	.289	7.6506E+01	-.010	.559
8.9983E+01	-.001	3.783	8.3725E+01	-.014	.366	7.6321E+01	-.007	.923
8.9865E+01	-.003	1.309	8.3619E+01	-.017	.290	7.6137E+01	-.007	.916
8.9747E+01	-.006	.612	8.3514E+01	-.023	.255	7.5954E+01	-.003	3.591
8.9630E+01	-.009	.418	8.3408E+01	-.030	.247	7.5858E+01	-.002	8.104
8.9513E+01	-.009	.429	8.3206E+01	-.042	.178	7.5767E+01	-.009	1.979
8.9396E+01	-.007	.753	8.3093E+01	-.036	.305	7.5589E+01	-.023	.433
8.9176E+01	-.005	.746	8.2989E+01	-.018	.720	7.5407E+01	-.027	.340
8.9047E+01	-.005	1.029	8.2884E+01	-.006	2.125	7.5227E+01	-.020	.647
8.8931E+01	-.002	3.209	8.2780E+01	-.009	1.202	7.5133E+01	-.024	1.035
8.8815E+01	.005	.889	8.2676E+01	-.017	.655	7.5044E+01	-.037	.702
8.8699E+01	.016	.313	8.2573E+01	-.024	.402	7.4798E+01	-.038	.228
8.8584E+01	.031	.187	8.2373E+01	-.026	.186	7.4510E+01	-.036	.213
8.8469E+01	.049	.144	8.2167E+01	-.024	.201	7.4419E+01	-.031	.311
8.8354E+01	.065	.151	8.1962E+01	-.026	.208	7.4330E+01	-.026	.316
8.8240E+01	.072	.186	8.1757E+01	-.029	.242	7.4242E+01	-.022	.347
8.8125E+01	.067	.238	8.1553E+01	-.039	.287	7.4153E+01	-.016	.461
8.8011E+01	.050	.310	8.1444E+01	-.039	.463	7.4065E+01	-.012	.634
8.7897E+01	.030	.425	8.1342E+01	-.028	.701	7.3977E+01	-.015	.511
8.7783E+01	.016	.632	8.1241E+01	-.015	1.221	7.3804E+01	-.020	.292
8.7670E+01	.008	1.130	8.1140E+01	-.005	3.240	7.3714E+01	-.016	.624
8.7556E+01	-.000	17.497	8.1039E+01	.000	43.601	7.3627E+01	-.012	.962
8.7443E+01	-.011	.639	8.0938E+01	-.004	3.834	7.3455E+01	-.009	.533
8.7330E+01	-.022	.334	8.0838E+01	-.016	.738	7.3366E+01	-.006	1.199
8.7218E+01	-.028	.329	8.0738E+01	-.029	.322	7.3279E+01	-.003	2.706
8.7105E+01	-.022	.580	8.0544E+01	-.035	.147	7.3108E+01	-.001	3.999
8.6892E+01	.010	1.082	8.0438E+01	-.033	.226	7.2935E+01	.003	1.820
8.6769E+01	.018	.848	8.0338E+01	-.027	.359	7.2764E+01	.003	1.436
8.6658E+01	.010	1.227	8.0146E+01	-.020	.505	7.2676E+01	.002	2.840

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
7.2591E+01	.006	1.337	6.6358E+01	-.012	1.515	5.6843E+01	.081	.685
7.2421E+01	.016	.466	6.6284E+01	-.018	.726	5.6725E+01	.086	.785
7.2335E+01	.018	.669	6.6207E+01	-.022	.519	5.6666E+01	.038	1.551
7.2250E+01	.011	1.107	6.6058E+01	-.018	.837	5.6548E+01	-.025	2.059
7.2165E+01	-.003	2.996	6.5838E+01	-.029	1.005	5.6424E+01	-.043	.832
7.2081E+01	-.014	.605	6.5765E+01	-.056	.439	5.6255E+01	-.006	5.402
7.1913E+01	-.014	.417	6.5482E+01	-.073	.180	5.6139E+01	.020	1.840
7.1745E+01	-.013	.440	6.5252E+01	-.054	.361	5.6023E+01	.041	1.090
7.1660E+01	-.013	.645	6.5177E+01	-.045	.294	5.5965E+01	.043	1.203
7.1576E+01	-.009	.879	6.5034E+01	-.033	.444	5.5850E+01	.036	1.203
7.1344E+01	.001	3.456	6.4962E+01	-.026	.524	5.5735E+01	.053	.792
7.1077E+01	.003	2.003	6.4887E+01	-.019	.487	5.5677E+01	.092	.556
7.0912E+01	.008	.776	6.4742E+01	-.005	1.960	5.5612E+01	.106	.427
7.0747E+01	.012	.591	6.4397E+01	-.006	1.229	5.5498E+01	.114	.522
7.0583E+01	.013	.610	6.3857E+01	-.001	6.346	5.5334E+01	.070	1.047
7.0419E+01	.019	.511	6.3157E+01	.005	1.438	5.5164E+01	.066	.642
7.0256E+01	.022	.458	6.2776E+01	-.003	4.615	5.4881E+01	.038	.738
7.0094E+01	.017	.597	6.2635E+01	-.016	.977	5.4456E+01	.042	.564
6.9932E+01	.014	.929	6.2434E+01	-.018	1.049	5.4159E+01	.045	.854
6.9706E+01	.014	.456	6.2366E+01	-.001	37.267	5.4049E+01	.085	.509
6.9449E+01	.009	.877	6.2226E+01	.007	2.561	5.3940E+01	.148	.306
6.9290E+01	.002	3.887	6.1792E+01	-.007	1.128	5.3831E+01	.308	.196
6.9130E+01	-.003	2.257	6.1297E+01	-.000	27.250	5.3776E+01	.751	.168
6.8972E+01	.002	7.547	6.1022E+01	.014	1.107	5.3713E+01	1.157	.115
6.8814E+01	.006	1.732	6.0830E+01	.025	.918	5.3605E+01	2.436	.092
6.8656E+01	.007	1.249	6.0764E+01	.011	2.325	5.3496E+01	3.865	.074
6.8421E+01	.015	.661	6.0634E+01	-.020	1.330	5.3388E+01	4.593	.070
6.8343E+01	.014	.586	6.0569E+01	-.043	.706	5.3281E+01	4.165	.085
6.8187E+01	.009	.726	6.0498E+01	-.047	.483	5.3173E+01	2.926	.103
6.8032E+01	.039	.412	6.0314E+01	-.044	.342	5.3066E+01	1.638	.116
6.7955E+01	.111	.354	6.0051E+01	-.030	.734	5.2960E+01	.831	.115
6.7876E+01	.214	.266	5.9923E+01	-.020	.953	5.2853E+01	.485	.126
6.7723E+01	.529	.176	5.9859E+01	-.010	2.074	5.2747E+01	.346	.161
6.7646E+01	.703	.142	5.9731E+01	.003	6.419	5.2641E+01	.288	.171
6.7568E+01	.785	.093	5.9667E+01	.019	1.251	5.2536E+01	.264	.178
6.7416E+01	.760	.121	5.9598E+01	.024	.741	5.2431E+01	.248	.184
6.7340E+01	.659	.214	5.9190E+01	.018	.649	5.2326E+01	.230	.184
6.7264E+01	.443	.254	5.8727E+01	.000	44.106	5.2222E+01	.213	.191
6.7187E+01	.305	.205	5.8417E+01	.014	1.145	5.2126E+01	.201	.254
6.7035E+01	.113	.306	5.8109E+01	.004	5.253	5.2074E+01	.171	.284
6.6960E+01	.055	.367	5.7924E+01	.002	26.736	5.2014E+01	.160	.229
6.6884E+01	.039	.435	5.7863E+01	-.011	2.787	5.1867E+01	.131	.439
6.6733E+01	.024	1.016	5.7741E+01	-.026	1.053	5.1657E+01	.141	.271
6.6658E+01	.015	1.454	5.7502E+01	-.024	.638	5.1402E+01	.145	.283
6.6583E+01	.008	1.913	5.7201E+01	.010	2.798	5.1254E+01	.202	.514
6.6433E+01	-.004	4.119	5.7014E+01	.040	.797	5.1152E+01	.209	.496

IX. ^{243}Am: P. A. Seeger[17]

The high-resolution, high-energy data are shown in Fig. 20 where the line is a smooth curve through the average. In Figs. 21 and 22 are plotted the average of two readings of the 55° (x) and 90° (*) signals, with a line connecting the points of the overall average. The 90° amplifier was slow recovering after the catastrophe and could not be used above 900 eV. The data are given in Table X. Correlated error (included in $\delta\sigma/\sigma$) is ±5.8% above 100 keV, ±5.0% from 10 keV to 900 eV, and ±4.4% below 900 eV.

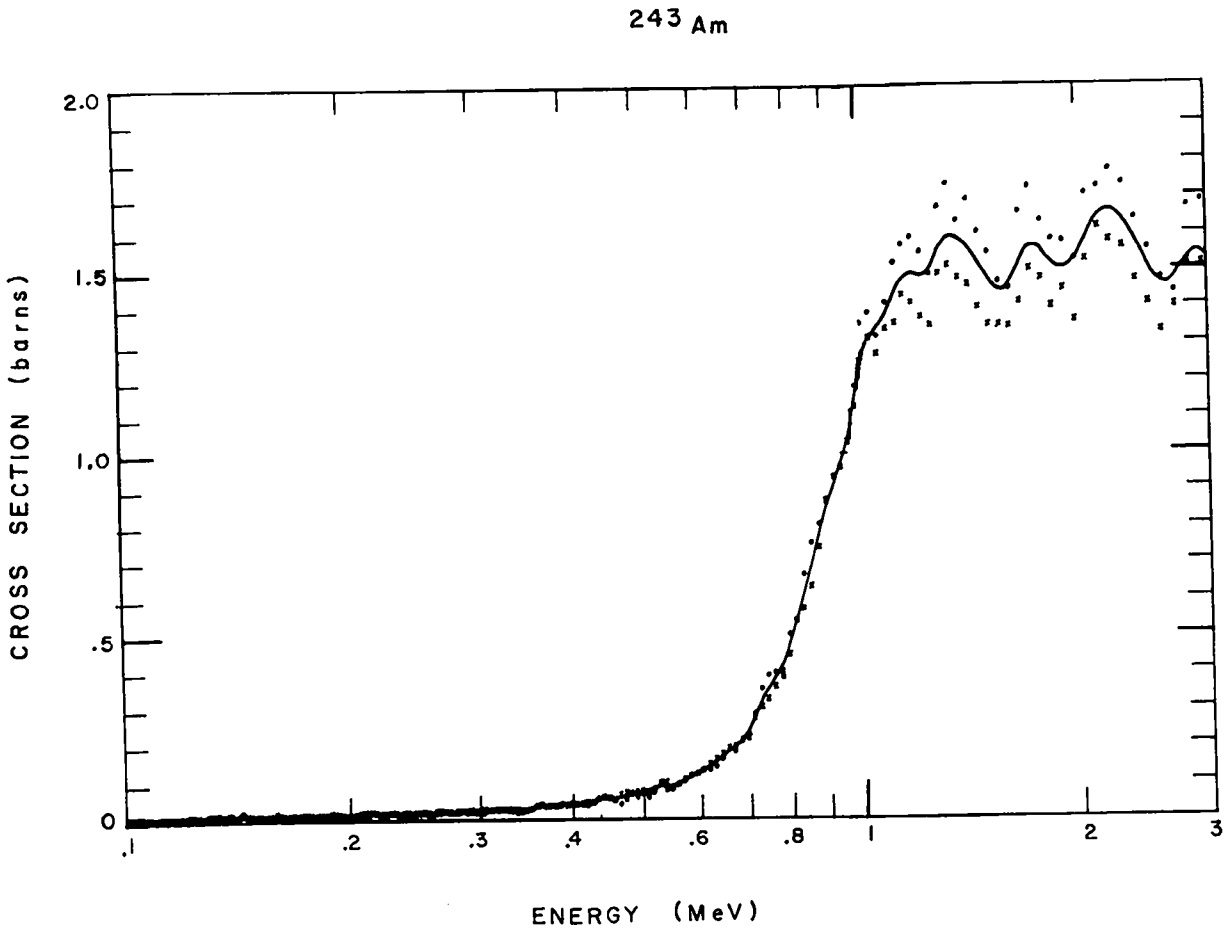

Fig. 20. Fission cross section of ^{243}Am. Gaussian-smoothed average of 55° (x) and 90° (*) data.

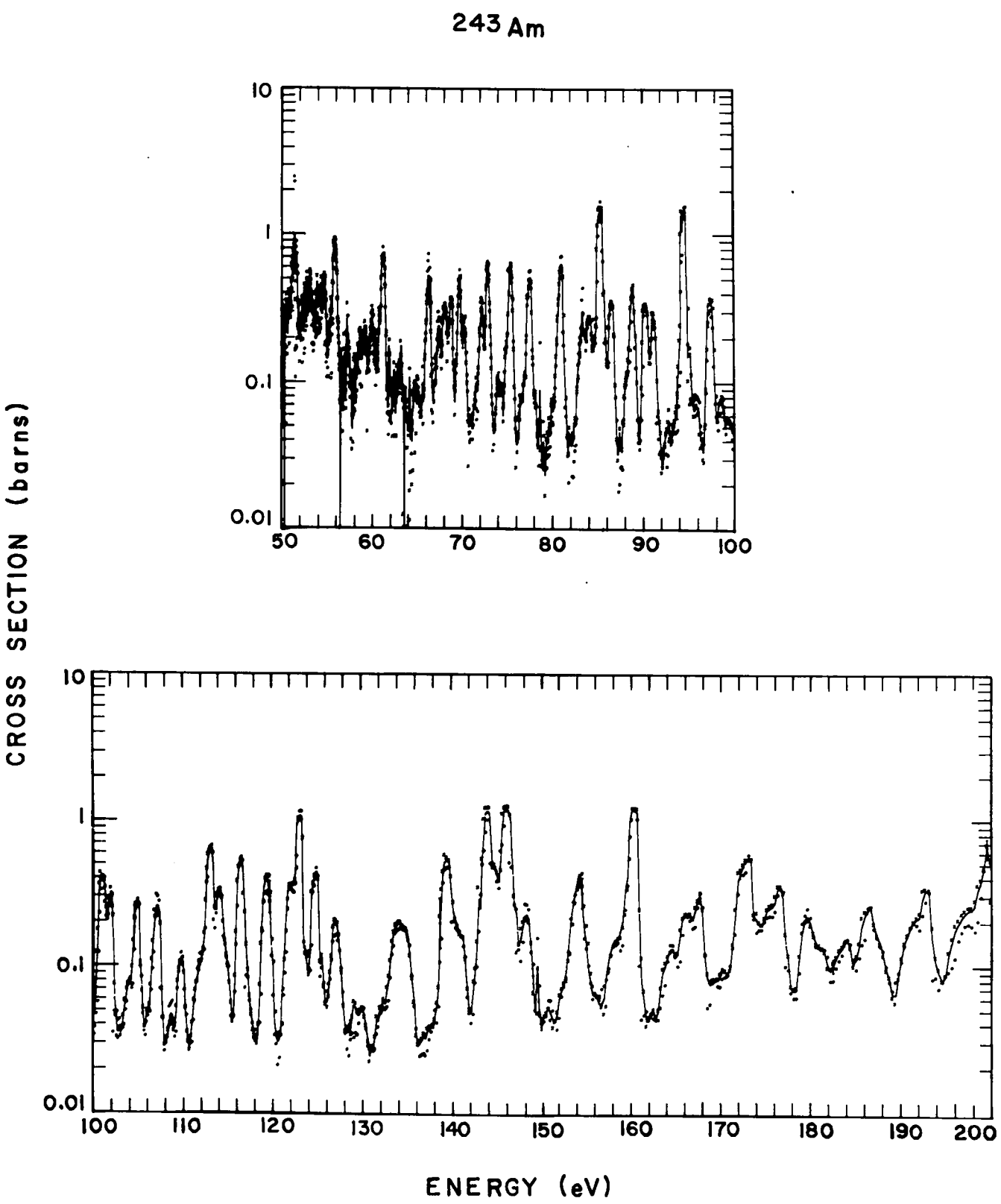

Fig. 21. Fission cross section of ^{243}Am. Average of 55° (x) and 90° (*) signals.

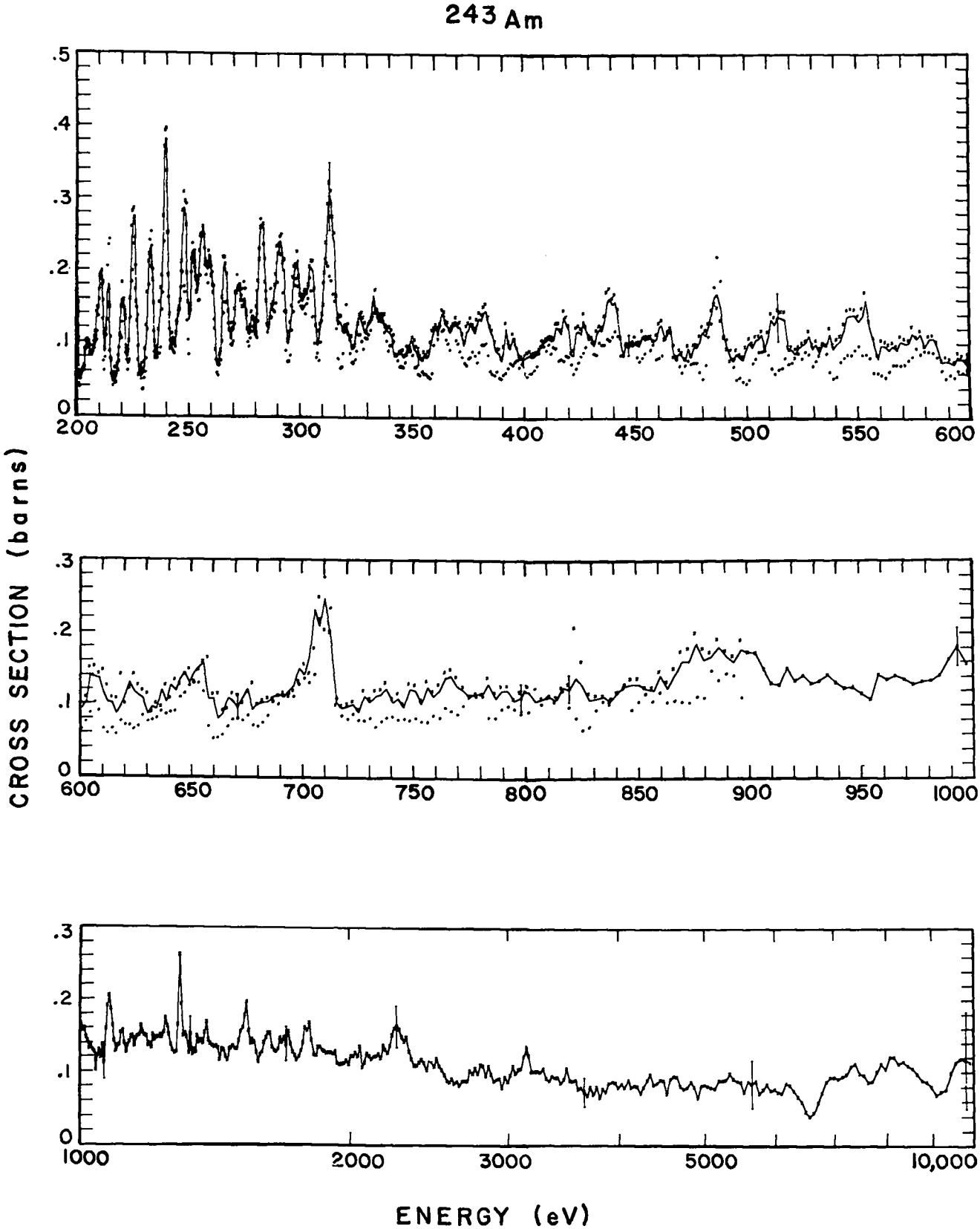

Fig. 22. Fission cross section of ^{243}Am. Average of 55° (x) and 90° (*) data; 55° only above 900 eV.

TABLE X

FISSION CROSS SECTION OF ^{243}AM (P. A. SEEGER[17])

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.9731E+06	1.614	.078	7.7867E+05	.388	.070	3.5154E+05	.028	.125
2.8455E+06	1.597	.076	7.6128E+05	.384	.076	3.4623E+05	.023	.131
2.7258E+06	1.418	.070	7.4447E+05	.359	.106	3.4105E+05	.024	.157
2.6136E+06	1.403	.078	7.2821E+05	.330	.098	3.3598E+05	.026	.146
2.5082E+06	1.491	.077	7.1248E+05	.272	.077	3.3102E+05	.025	.114
2.4090E+06	1.566	.079	6.9725E+05	.222	.071	3.2617E+05	.027	.116
2.3156E+06	1.658	.079	6.8250E+05	.209	.075	3.2143E+05	.026	.131
2.2275E+06	1.687	.081	6.6822E+05	.186	.074	3.1679E+05	.025	.150
2.1444E+06	1.676	.072	6.5438E+05	.188	.091	3.1225E+05	.025	.113
2.0658E+06	1.624	.080	6.4096E+05	.168	.083	3.0781E+05	.024	.128
1.9915E+06	1.455	.081	6.2796E+05	.153	.083	2.9408E+05	.022	.130
1.9211E+06	1.519	.072	6.1534E+05	.140	.082	2.8408E+05	.021	.119
1.8543E+06	1.458	.083	6.0311E+05	.130	.074	2.7458E+05	.019	.120
1.7910E+06	1.562	.076	5.9123E+05	.119	.077	2.6556E+05	.021	.130
1.7309E+06	1.630	.090	5.7970E+05	.115	.075	2.5697E+05	.016	.171
1.6737E+06	1.558	.098	5.6851E+05	.103	.078	2.4879E+05	.018	.135
1.6194E+06	1.393	.070	5.5763E+05	.092	.087	2.4099E+05	.015	.183
1.5676E+06	1.415	.072	5.4707E+05	.079	.096	2.3356E+05	.016	.151
1.5183E+06	1.461	.089	5.3680E+05	.086	.127	2.2646E+05	.017	.144
1.4713E+06	1.513	.089	5.2682E+05	.097	.090	2.1968E+05	.015	.177
1.4264E+06	1.590	.093	5.1711E+05	.077	.103	2.1321E+05	.018	.196
1.3836E+06	1.550	.077	5.0767E+05	.069	.104	2.0701E+05	.017	.167
1.3426E+06	1.646	.089	4.9849E+05	.072	.080	2.0108E+05	.009	.221
1.3035E+06	1.602	.081	4.8955E+05	.067	.089	1.9540E+05	.012	.168
1.2660E+06	1.429	.075	4.8086E+05	.068	.084	1.8996E+05	.017	.167
1.2301E+06	1.472	.083	4.7239E+05	.062	.142	1.8475E+05	.013	.141
1.1957E+06	1.513	.083	4.6414E+05	.056	.214	1.7974E+05	.011	.184
1.1628E+06	1.503	.074	4.5611E+05	.051	.089	1.7494E+05	.014	.157
1.1312E+06	1.438	.082	4.4828E+05	.056	.094	1.7032E+05	.012	.181
1.1008E+06	1.388	.072	4.4065E+05	.058	.090	1.6589E+05	.012	.212
1.0717E+06	1.299	.069	4.3322E+05	.054	.091	1.6163E+05	.014	.191
1.0437E+06	1.348	.071	4.2597E+05	.044	.104	1.5752E+05	.014	.296
1.0168E+06	1.323	.072	4.1891E+05	.042	.132	1.5358E+05	.009	.230
9.9093E+05	1.157	.074	4.1202E+05	.042	.112	1.4978E+05	.011	.173
9.6602E+05	1.031	.081	4.0529E+05	.041	.103	1.4612E+05	.013	.202
9.4204E+05	.959	.070	3.9873E+05	.040	.112	1.4259E+05	.017	.347
9.1894E+05	.935	.069	3.9233E+05	.037	.095	1.3919E+05	.014	.235
8.9669E+05	.871	.077	3.8608E+05	.040	.104	1.3590E+05	.014	.256
8.7523E+05	.781	.071	3.7998E+05	.034	.104	1.3274E+05	.016	.184
8.5453E+05	.702	.102	3.7402E+05	.037	.109	1.2968E+05	.014	.221
8.3456E+05	.604	.097	3.6820E+05	.035	.100	1.2673E+05	.010	.220
8.1528E+05	.538	.070	3.6252E+05	.037	.124	1.2387E+05	.012	.196
7.9666E+05	.486	.079	3.5696E+05	.036	.108	1.2111E+05	.014	.239

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.1845E+05	.010	.257	6.4901E+03	.045	.611	4.2310E+03	.070	.404
1.1587E+05	.011	.318	6.4233E+03	.059	.453	4.1958E+03	.079	.308
1.1337E+05	.011	.231	6.3576E+03	.065	.442	4.1610E+03	.080	.309
1.1095E+05	.011	.274	6.2928E+03	.073	.434	4.1267E+03	.077	.307
1.0861E+05	.010	.242	6.2290E+03	.081	.428	4.0927E+03	.088	.296
1.0635E+05	.010	.333	6.1662E+03	.084	.432	4.0592E+03	.077	.302
1.0415E+05	.013	.204	6.1044E+03	.070	.427	4.0261E+03	.082	.294
1.0202E+05	.012	.237	6.0434E+03	.072	.567	3.9935E+03	.077	.375
9.9956E+04	.011	.197	5.9834E+03	.076	.418	3.9612E+03	.084	.291
9.9369E+03	.114	.803	5.9243E+03	.073	.416	3.9293E+03	.086	.291
9.8106E+03	.117	.571	5.8660E+03	.083	.409	3.8977E+03	.084	.290
9.6867E+03	.119	.569	5.8086E+03	.075	.409	3.8666E+03	.071	.293
9.5652E+03	.112	.568	5.7520E+03	.070	.544	3.8358E+03	.076	.288
9.4459E+03	.098	.564	5.6963E+03	.087	.397	3.8054E+03	.064	.362
9.3288E+03	.075	.775	5.6414E+03	.083	.399	3.7754E+03	.079	.288
9.2139E+03	.072	.557	5.5872E+03	.086	.397	3.7457E+03	.068	.283
9.1011E+03	.068	.555	5.5338E+03	.072	.526	3.7164E+03	.078	.277
8.9904E+03	.080	.756	5.4812E+03	.085	.389	3.6874E+03	.067	.342
8.8817E+03	.085	.543	5.4293E+03	.087	.382	3.6587E+03	.072	.276
8.7749E+03	.088	.537	5.3782E+03	.090	.380	3.6304E+03	.077	.272
8.6701E+03	.097	.532	5.3278E+03	.097	.378	3.6024E+03	.075	.269
8.5671E+03	.104	.732	5.2781E+03	.088	.498	3.5747E+03	.088	.261
8.4659E+03	.108	.522	5.2291E+03	.088	.367	3.5473E+03	.086	.256
8.3665E+03	.113	.518	5.1807E+03	.088	.377	3.5203E+03	.087	.254
8.2689E+03	.110	.713	5.1330E+03	.076	.371	3.4936E+03	.105	.513
8.1730E+03	.121	.510	5.0860E+03	.077	.373	3.4671E+03	.090	.238
8.0787E+03	.121	.507	5.0397E+03	.079	.364	3.4410E+03	.084	.253
7.9860E+03	.103	.695	4.9939E+03	.081	.363	3.4151E+03	.093	.243
7.8950E+03	.111	.504	4.9488E+03	.079	.362	3.3896E+03	.092	.299
7.8054E+03	.100	.501	4.9043E+03	.063	.473	3.3643E+03	.094	.242
7.7174E+03	.087	.497	4.8604E+03	.078	.352	3.3394E+03	.087	.240
7.6309E+03	.085	.493	4.8170E+03	.086	.347	3.3146E+03	.091	.240
7.5458E+03	.095	.487	4.7743E+03	.077	.347	3.2902E+03	.104	.229
7.4621E+03	.097	.664	4.7321E+03	.075	.346	3.2660E+03	.099	.181
7.3799E+03	.111	.479	4.6905E+03	.079	.343	3.2421E+03	.101	.226
7.2989E+03	.108	.479	4.6494E+03	.093	.336	3.2185E+03	.101	.228
7.2193E+03	.096	.474	4.6088E+03	.093	.330	3.1951E+03	.100	.268
7.1410E+03	.093	.470	4.5688E+03	.090	.334	3.1720E+03	.123	.210
7.0640E+03	.091	.467	4.5293E+03	.069	.435	3.1491E+03	.137	.196
6.9882E+03	.092	.633	4.4903E+03	.088	.332	3.1265E+03	.122	.207
6.9136E+03	.092	.459	4.4519E+03	.088	.321	3.1041E+03	.105	.210
6.8402E+03	.087	.464	4.4139E+03	.083	.322	3.0819E+03	.104	.213
6.7679E+03	.071	.463	4.3764E+03	.081	.415	3.0600E+03	.099	.252
6.6968E+03	.058	.462	4.3393E+03	.096	.312	3.0384E+03	.109	.213
6.6268E+03	.044	.467	4.3027E+03	.088	.317	3.0169E+03	.097	.211
6.5579E+03	.039	.473	4.2666E+03	.078	.316	2.9957E+03	.086	.251

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.9747E+03	.094	.208	2.2049E+03	.125	.189	1.6993E+03	.137	.177
2.9539E+03	.078	.265	2.1916E+03	.131	.182	1.6903E+03	.146	.197
2.9333E+03	.092	.210	2.1784E+03	.136	.181	1.6814E+03	.139	.177
2.9130E+03	.090	.209	2.1654E+03	.118	.191	1.6726E+03	.145	.169
2.8929E+03	.087	.258	2.1525E+03	.124	.184	1.6638E+03	.130	.202
2.8729E+03	.097	.205	2.1397E+03	.120	.185	1.6551E+03	.126	.181
2.8532E+03	.108	.194	2.1270E+03	.120	.190	1.6464E+03	.127	.175
2.8337E+03	.095	.206	2.1144E+03	.116	.186	1.6379E+03	.133	.178
2.8144E+03	.109	.200	2.1019E+03	.121	.216	1.6294E+03	.152	.193
2.7952E+03	.110	.238	2.0896E+03	.124	.178	1.6209E+03	.152	.167
2.7763E+03	.098	.199	2.0774E+03	.111	.188	1.6125E+03	.146	.202
2.7576E+03	.106	.199	2.0652E+03	.105	.194	1.6042E+03	.140	.170
2.7390E+03	.098	.248	2.0532E+03	.134	.184	1.5960E+03	.125	.211
2.7206E+03	.102	.219	2.0412E+03	.120	.181	1.5878E+03	.122	.176
2.7025E+03	.087	.205	2.0294E+03	.125	.181	1.5797E+03	.112	.218
2.6845E+03	.088	.217	2.0177E+03	.119	.189	1.5716E+03	.125	.178
2.6666E+03	.087	.249	2.0061E+03	.120	.183	1.5636E+03	.139	.169
2.6490E+03	.081	.203	1.9946E+03	.109	.219	1.5557E+03	.143	.182
2.6315E+03	.086	.254	1.9831E+03	.114	.191	1.5478E+03	.138	.195
2.6142E+03	.084	.210	1.9718E+03	.110	.187	1.5400E+03	.155	.166
2.5971E+03	.092	.205	1.9606E+03	.110	.193	1.5323E+03	.196	.187
2.5801E+03	.086	.214	1.9494E+03	.109	.218	1.5246E+03	.177	.161
2.5634E+03	.088	.242	1.9384E+03	.110	.193	1.5169E+03	.160	.162
2.5467E+03	.096	.202	1.9275E+03	.127	.184	1.5093E+03	.155	.197
2.5302E+03	.103	.242	1.9166E+03	.123	.181	1.5018E+03	.142	.167
2.5139E+03	.108	.196	1.9059E+03	.125	.180	1.4944E+03	.130	.171
2.4978E+03	.118	.196	1.8952E+03	.125	.175	1.4869E+03	.131	.205
2.4818E+03	.107	.231	1.8846E+03	.124	.180	1.4796E+03	.135	.169
2.4659E+03	.113	.194	1.8741E+03	.127	.208	1.4723E+03	.132	.195
2.4503E+03	.115	.197	1.8637E+03	.128	.184	1.4650E+03	.130	.177
2.4347E+03	.103	.232	1.8534E+03	.134	.176	1.4578E+03	.114	.178
2.4193E+03	.113	.192	1.8432E+03	.134	.176	1.4507E+03	.118	.201
2.4041E+03	.117	.190	1.8330E+03	.121	.218	1.4436E+03	.128	.178
2.3890E+03	.113	.193	1.8229E+03	.122	.180	1.4366E+03	.130	.171
2.3740E+03	.108	.185	1.8130E+03	.143	.174	1.4296E+03	.114	.213
2.3592E+03	.108	.198	1.8031E+03	.167	.172	1.4226E+03	.132	.171
2.3445E+03	.117	.190	1.7932E+03	.156	.168	1.4158E+03	.134	.193
2.3299E+03	.128	.186	1.7835E+03	.160	.168	1.4089E+03	.133	.175
2.3155E+03	.147	.185	1.7738E+03	.139	.178	1.4021E+03	.135	.168
2.3012E+03	.142	.181	1.7642E+03	.128	.205	1.3954E+03	.138	.191
2.2871E+03	.148	.180	1.7547E+03	.119	.180	1.3887E+03	.142	.171
2.2731E+03	.159	.182	1.7453E+03	.114	.220	1.3821E+03	.168	.157
2.2592E+03	.163	.176	1.7360E+03	.121	.179	1.3755E+03	.152	.185
2.2454E+03	.160	.166	1.7267E+03	.125	.182	1.3689E+03	.138	.166
2.2318E+03	.150	.261	1.7175E+03	.137	.200	1.3624E+03	.143	.164
2.2182E+03	.136	.172	1.7083E+03	.155	.167	1.3560E+03	.139	.189

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.3496E+03	.146	.168	1.0976E+03	.136	.232	9.1014E+02	.129	.169
1.3432E+03	.124	.195	1.0929E+03	.127	.167	9.0661E+02	.149	.159
1.3369E+03	.129	.170	1.0883E+03	.142	.190	9.0310E+02	.171	.162
1.3306E+03	.122	.206	1.0837E+03	.163	.153	8.9962E+02	.172	.151
1.3244E+03	.151	.162	1.0791E+03	.186	.174	8.9677E+02	.175	.225
1.3182E+03	.123	.174	1.0746E+03	.205	.147	8.9332E+02	.159	.152
1.3120E+03	.147	.194	1.0700E+03	.191	.140	8.8989E+02	.167	.150
1.3059E+03	.152	.162	1.0655E+03	.159	.174	8.8648E+02	.180	.144
1.2999E+03	.149	.193	1.0611E+03	.112	.208	8.8309E+02	.165	.135
1.2939E+03	.192	.220	1.0566E+03	.158	.214	8.7972E+02	.161	.188
1.2879E+03	.262	.160	1.0522E+03	.119	.191	8.7637E+02	.185	.184
1.2820E+03	.164	.212	1.0478E+03	.130	.175	8.7303E+02	.159	.210
1.2761E+03	.126	.193	1.0435E+03	.122	.171	8.6972E+02	.160	.206
1.2702E+03	.124	.171	1.0392E+03	.102	.204	8.6642E+02	.142	.234
1.2644E+03	.127	.176	1.0348E+03	.126	.191	8.6315E+02	.124	.168
1.2586E+03	.136	.165	1.0306E+03	.129	.194	8.5989E+02	.140	.169
1.2529E+03	.150	.160	1.0263E+03	.156	.163	8.5665E+02	.120	.182
1.2472E+03	.161	.187	1.0221E+03	.132	.194	8.5342E+02	.123	.147
1.2416E+03	.174	.153	1.0179E+03	.143	.196	8.5022E+02	.129	.158
1.2359E+03	.155	.159	1.0137E+03	.147	.176	8.4704E+02	.129	.177
1.2303E+03	.146	.167	1.0096E+03	.160	.164	8.4387E+02	.126	.147
1.2248E+03	.150	.181	1.0055E+03	.156	.172	8.4072E+02	.119	.166
1.2193E+03	.147	.160	1.0014E+03	.166	.178	8.3759E+02	.106	.177
1.2138E+03	.146	.191	9.9731E+02	.158	.181	8.3447E+02	.112	.216
1.2084E+03	.143	.161	9.9326E+02	.180	.146	8.3137E+02	.110	.175
1.2030E+03	.151	.160	9.8924E+02	.163	.160	8.2829E+02	.108	.227
1.1977E+03	.132	.173	9.8524E+02	.142	.251	8.2523E+02	.129	.398
1.1923E+03	.139	.163	9.8127E+02	.134	.207	8.2219E+02	.138	.450
1.1871E+03	.135	.196	9.7732E+02	.153	.173	8.1915E+02	.124	.136
1.1818E+03	.148	.160	9.7340E+02	.129	.167	8.1614E+02	.125	.151
1.1766E+03	.149	.162	9.6950E+02	.135	.171	8.1315E+02	.109	.172
1.1714E+03	.152	.188	9.6562E+02	.141	.160	8.1017E+02	.113	.201
1.1663E+03	.163	.154	9.6176E+02	.135	.182	8.0720E+02	.110	.214
1.1612E+03	.150	.159	9.5793E+02	.142	.167	8.0426E+02	.107	.140
1.1561E+03	.148	.165	9.5412E+02	.107	.200	8.0133E+02	.120	.162
1.1510E+03	.145	.160	9.5034E+02	.115	.176	7.9841E+02	.110	.171
1.1460E+03	.135	.184	9.4657E+02	.124	.169	7.9551E+02	.105	.163
1.1410E+03	.148	.165	9.4283E+02	.122	.170	7.9263E+02	.120	.152
1.1361E+03	.148	.159	9.3911E+02	.130	.174	7.8976E+02	.120	.158
1.1312E+03	.142	.161	9.3542E+02	.142	.161	7.8691E+02	.108	.185
1.1263E+03	.137	.170	9.3174E+02	.132	.196	7.8407E+02	.128	.189
1.1214E+03	.126	.189	9.2809E+02	.128	.168	7.8125E+02	.114	.186
1.1166E+03	.139	.162	9.2446E+02	.140	.169	7.7844E+02	.115	.159
1.1118E+03	.156	.162	9.2085E+02	.132	.166	7.7565E+02	.110	.173
1.1070E+03	.154	.156	9.1726E+02	.150	.157	7.7287E+02	.119	.154
1.1023E+03	.136	.183	9.1369E+02	.126	.200	7.7011E+02	.125	.187

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
7.6737E+02	.139	.159	6.5533E+02	.156	.166	5.6614E+02	.096	.244
7.6464E+02	.136	.167	6.5317E+02	.151	.146	5.6441E+02	.091	.182
7.6192E+02	.118	.365	6.5103E+02	.142	.138	5.6269E+02	.096	.226
7.5922E+02	.110	.157	6.4889E+02	.130	.149	5.6097E+02	.097	.231
7.5653E+02	.124	.199	6.4677E+02	.143	.149	5.5926E+02	.079	.197
7.5385E+02	.100	.185	6.4465E+02	.135	.141	5.5756E+02	.101	.205
7.5119E+02	.118	.160	6.4255E+02	.118	.163	5.5587E+02	.122	.163
7.4855E+02	.120	.167	6.4046E+02	.125	.254	5.5418E+02	.159	.188
7.4591E+02	.095	.196	6.3837E+02	.102	.172	5.5250E+02	.137	.200
7.4329E+02	.108	.184	6.3630E+02	.119	.279	5.5083E+02	.130	.152
7.4069E+02	.102	.194	6.3423E+02	.093	.177	5.4917E+02	.139	.353
7.3810E+02	.121	.164	6.3218E+02	.096	.177	5.4751E+02	.138	.306
7.3552E+02	.113	.166	6.3014E+02	.085	.186	5.4587E+02	.137	.246
7.3296E+02	.111	.271	6.2810E+02	.107	.163	5.4423E+02	.118	.172
7.3041E+02	.103	.174	6.2608E+02	.112	.161	5.4259E+02	.103	.171
7.2787E+02	.111	.162	6.2406E+02	.116	.196	5.4097E+02	.098	.194
7.2535E+02	.089	.202	6.2206E+02	.130	.301	5.3935E+02	.092	.181
7.2283E+02	.099	.225	6.2006E+02	.113	.171	5.3774E+02	.112	.379
7.2034E+02	.097	.180	6.1808E+02	.096	.175	5.3613E+02	.096	.201
7.1785E+02	.094	.206	6.1610E+02	.086	.458	5.3454E+02	.099	.161
7.1538E+02	.102	.180	6.1414E+02	.101	.263	5.3295E+02	.087	.185
7.1292E+02	.189	.300	6.1218E+02	.102	.179	5.3137E+02	.098	.154
7.1047E+02	.246	.169	6.1023E+02	.115	.202	5.2979E+02	.092	.179
7.0804E+02	.208	.235	6.0829E+02	.136	.213	5.2822E+02	.110	.156
7.0562E+02	.231	.250	6.0637E+02	.137	.175	5.2666E+02	.100	.155
7.0321E+02	.166	.234	6.0444E+02	.139	.178	5.2511E+02	.097	.162
7.0081E+02	.140	.152	6.0253E+02	.102	.188	5.2356E+02	.093	.167
6.9843E+02	.149	.157	6.0063E+02	.093	.279	5.2202E+02	.084	.181
6.9605E+02	.126	.154	5.9874E+02	.074	.204	5.2048E+02	.091	.243
6.9369E+02	.118	.150	5.9686E+02	.079	.258	5.1896E+02	.090	.172
6.9135E+02	.111	.178	5.9498E+02	.083	.190	5.1744E+02	.132	.207
6.8901E+02	.112	.155	5.9311E+02	.072	.363	5.1592E+02	.135	.191
6.8668E+02	.109	.157	5.9126E+02	.075	.321	5.1441E+02	.136	.248
6.8437E+02	.103	.172	5.8941E+02	.076	.200	5.1291E+02	.125	.224
6.8207E+02	.102	.188	5.8757E+02	.075	.191	5.1142E+02	.132	.421
6.7978E+02	.100	.190	5.8574E+02	.098	.165	5.0993E+02	.109	.245
6.7750E+02	.092	.195	5.8391E+02	.107	.171	5.0845E+02	.093	.172
6.7523E+02	.121	.154	5.8210E+02	.106	.155	5.0698E+02	.111	.154
6.7298E+02	.110	.160	5.8029E+02	.094	.185	5.0551E+02	.106	.152
6.7073E+02	.096	.174	5.7850E+02	.112	.160	5.0405E+02	.104	.195
6.6850E+02	.104	.175	5.7671E+02	.106	.154	5.0259E+02	.094	.183
6.6628E+02	.108	.164	5.7492E+02	.113	.171	5.0114E+02	.101	.293
6.6407E+02	.087	.295	5.7315E+02	.100	.189	4.9970E+02	.090	.234
6.6187E+02	.080	.247	5.7139E+02	.099	.176	4.9826E+02	.077	.191
6.5968E+02	.107	.225	5.6963E+02	.101	.367	4.9683E+02	.080	.212
6.5750E+02	.106	.166	5.6788E+02	.091	.277	4.9541E+02	.085	.274

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
4.9399E+02	.076	.237	4.3479E+02	.119	.136	3.8562E+02	.112	.205
4.9257E+02	.081	.170	4.3362E+02	.121	.129	3.8464E+02	.118	.179
4.9117E+02	.096	.172	4.3246E+02	.115	.137	3.8367E+02	.129	.162
4.8977E+02	.109	.151	4.3130E+02	.099	.156	3.8271E+02	.145	.162
4.8837E+02	.149	.212	4.3015E+02	.109	.135	3.8174E+02	.144	.146
4.8698E+02	.169	.232	4.2900E+02	.112	.140	3.8078E+02	.133	.134
4.8560E+02	.163	.135	4.2786E+02	.120	.128	3.7983E+02	.136	.163
4.8423E+02	.142	.125	4.2672E+02	.133	.164	3.7887E+02	.127	.178
4.8285E+02	.124	.161	4.2558E+02	.116	.139	3.7792E+02	.115	.150
4.8149E+02	.110	.197	4.2445E+02	.118	.181	3.7698E+02	.120	.146
4.8013E+02	.115	.209	4.2333E+02	.116	.164	3.7604E+02	.129	.152
4.7878E+02	.104	.189	4.2221E+02	.086	.173	3.7510E+02	.119	.180
4.7743E+02	.094	.224	4.2109E+02	.087	.150	3.7416E+02	.116	.180
4.7609E+02	.094	.187	4.1998E+02	.121	.211	3.7323E+02	.098	.146
4.7475E+02	.082	.176	4.1887E+02	.129	.202	3.7230E+02	.108	.134
4.7342E+02	.093	.213	4.1777E+02	.138	.187	3.7138E+02	.123	.149
4.7209E+02	.077	.185	4.1667E+02	.115	.146	3.7046E+02	.122	.125
4.7077E+02	.083	.174	4.1558E+02	.122	.173	3.6954E+02	.131	.119
4.6946E+02	.087	.160	4.1449E+02	.125	.123	3.6862E+02	.128	.124
4.6815E+02	.082	.180	4.1340E+02	.107	.145	3.6771E+02	.121	.124
4.6685E+02	.087	.167	4.1232E+02	.106	.166	3.6681E+02	.115	.147
4.6555E+02	.120	.154	4.1124E+02	.109	.132	3.6590E+02	.124	.120
4.6426E+02	.115	.138	4.1017E+02	.106	.133	3.6500E+02	.126	.137
4.6297E+02	.107	.150	4.0910E+02	.104	.139	3.6410E+02	.138	.111
4.6169E+02	.125	.153	4.0803E+02	.101	.135	3.6321E+02	.141	.111
4.6041E+02	.122	.140	4.0697E+02	.094	.148	3.6232E+02	.126	.120
4.5914E+02	.106	.151	4.0592E+02	.088	.149	3.6143E+02	.111	.130
4.5788E+02	.103	.144	4.0486E+02	.085	.236	3.6055E+02	.125	.117
4.5662E+02	.107	.144	4.0382E+02	.084	.172	3.5966E+02	.116	.124
4.5536E+02	.110	.149	4.0277E+02	.087	.160	3.5879E+02	.110	.186
4.5411E+02	.105	.143	4.0173E+02	.084	.153	3.5791E+02	.095	.184
4.5286E+02	.111	.162	4.0069E+02	.081	.161	3.5704E+02	.083	.194
4.5162E+02	.098	.176	3.9966E+02	.077	.158	3.5617E+02	.080	.160
4.5039E+02	.099	.154	3.9863E+02	.082	.156	3.5531E+02	.084	.148
4.4916E+02	.102	.157	3.9761E+02	.082	.160	3.5444E+02	.077	.158
4.4794E+02	.101	.147	3.9659E+02	.093	.142	3.5358E+02	.079	.147
4.4672E+02	.099	.147	3.9557E+02	.103	.138	3.5273E+02	.082	.145
4.4550E+02	.101	.150	3.9456E+02	.108	.164	3.5187E+02	.089	.163
4.4429E+02	.085	.161	3.9355E+02	.094	.142	3.5103E+02	.092	.133
4.4309E+02	.102	.180	3.9255E+02	.099	.144	3.5018E+02	.101	.141
4.4189E+02	.141	.180	3.9155E+02	.122	.199	3.4933E+02	.104	.135
4.4069E+02	.159	.147	3.9055E+02	.089	.206	3.4850E+02	.095	.127
4.3950E+02	.155	.163	3.8955E+02	.078	.163	3.4766E+02	.092	.141
4.3832E+02	.164	.174	3.8857E+02	.087	.175	3.4682E+02	.083	.143
4.3713E+02	.158	.179	3.8758E+02	.089	.142	3.4599E+02	.081	.144
4.3596E+02	.135	.195	3.8660E+02	.096	.188	3.4516E+02	.087	.138

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
3.4434E+02	.086	.139	3.0934E+02	.121	.124	2.7942E+02	.128	.105
3.4351E+02	.086	.146	3.0864E+02	.108	.165	2.7882E+02	.131	.096
3.4269E+02	.084	.141	3.0794E+02	.096	.126	2.7822E+02	.136	.096
3.4188E+02	.088	.140	3.0725E+02	.117	.146	2.7762E+02	.117	.106
3.4106E+02	.108	.125	3.0655E+02	.161	.235	2.7702E+02	.109	.110
3.4025E+02	.113	.119	3.0586E+02	.197	.221	2.7643E+02	.114	.119
3.3944E+02	.115	.151	3.0517E+02	.203	.103	2.7584E+02	.139	.111
3.3864E+02	.118	.116	3.0449E+02	.201	.138	2.7525E+02	.160	.111
3.3784E+02	.122	.113	3.0380E+02	.175	.094	2.7466E+02	.158	.116
3.3704E+02	.137	.109	3.0312E+02	.165	.095	2.7407E+02	.155	.091
3.3624E+02	.138	.103	3.0244E+02	.165	.101	2.7349E+02	.159	.089
3.3545E+02	.138	.111	3.0176E+02	.162	.095	2.7291E+02	.177	.089
3.3466E+02	.134	.107	3.0109E+02	.156	.099	2.7233E+02	.176	.089
3.3387E+02	.146	.103	3.0042E+02	.161	.093	2.7175E+02	.175	.123
3.3308E+02	.165	.105	2.9975E+02	.180	.151	2.7117E+02	.168	.135
3.3230E+02	.149	.106	2.9908E+02	.214	.177	2.7059E+02	.139	.133
3.3152E+02	.130	.114	2.9841E+02	.203	.109	2.7002E+02	.115	.126
3.3074E+02	.125	.108	2.9775E+02	.200	.096	2.6945E+02	.120	.116
3.2997E+02	.123	.112	2.9709E+02	.180	.203	2.6888E+02	.103	.112
3.2920E+02	.112	.119	2.9643E+02	.143	.124	2.6831E+02	.115	.107
3.2843E+02	.120	.142	2.9577E+02	.120	.167	2.6775E+02	.137	.166
3.2766E+02	.128	.115	2.9511E+02	.105	.217	2.6718E+02	.184	.177
3.2690E+02	.136	.106	2.9446E+02	.098	.230	2.6662E+02	.195	.191
3.2614E+02	.133	.113	2.9381E+02	.132	.202	2.6606E+02	.206	.122
3.2538E+02	.118	.168	2.9316E+02	.199	.241	2.6550E+02	.199	.251
3.2462E+02	.106	.154	2.9252E+02	.198	.197	2.6494E+02	.141	.288
3.2387E+02	.092	.131	2.9187E+02	.228	.148	2.6439E+02	.085	.220
3.2312E+02	.091	.130	2.9123E+02	.239	.078	2.6383E+02	.080	.114
3.2237E+02	.105	.120	2.9059E+02	.225	.076	2.6328E+02	.066	.132
3.2163E+02	.111	.127	2.8995E+02	.223	.168	2.6273E+02	.070	.133
3.2088E+02	.125	.180	2.8932E+02	.185	.130	2.6218E+02	.086	.114
3.2014E+02	.120	.093	2.8868E+02	.171	.189	2.6164E+02	.124	.251
3.1941E+02	.112	.116	2.8805E+02	.152	.098	2.6109E+02	.171	.130
3.1867E+02	.124	.218	2.8742E+02	.147	.095	2.6055E+02	.183	.106
3.1794E+02	.129	.206	2.8679E+02	.144	.164	2.6000E+02	.194	.082
3.1721E+02	.124	.165	2.8617E+02	.120	.107	2.5947E+02	.215	.081
3.1648E+02	.149	.200	2.8554E+02	.121	.106	2.5893E+02	.220	.076
3.1576E+02	.237	.200	2.8492E+02	.160	.166	2.5839E+02	.200	.086
3.1503E+02	.246	.214	2.8430E+02	.195	.198	2.5785E+02	.205	.095
3.1431E+02	.292	.164	2.8368E+02	.257	.162	2.5732E+02	.211	.077
3.1360E+02	.302	.159	2.8307E+02	.260	.116	2.5679E+02	.243	.079
3.1288E+02	.275	.134	2.8246E+02	.262	.077	2.5626E+02	.257	.074
3.1217E+02	.232	.083	2.8184E+02	.217	.294	2.5573E+02	.248	.073
3.1146E+02	.201	.092	2.8124E+02	.177	.260	2.5520E+02	.233	.164
3.1075E+02	.163	.106	2.8063E+02	.139	.234	2.5468E+02	.209	.164
3.1005E+02	.137	.116	2.8002E+02	.114	.100	2.5415E+02	.180	.104

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.5363E+02	.169	.089	2.3126E+02	.156	.173	2.1171E+02	.104	.231
2.5311E+02	.187	.086	2.3080E+02	.104	.234	2.1132E+02	.151	.168
2.5259E+02	.208	.094	2.3035E+02	.085	.166	2.1092E+02	.182	.112
2.5208E+02	.221	.095	2.2990E+02	.067	.281	2.1052E+02	.197	.067
2.5156E+02	.224	.077	2.2945E+02	.059	.176	2.1013E+02	.192	.077
2.5105E+02	.208	.132	2.2900E+02	.053	.141	2.0974E+02	.186	.097
2.5053E+02	.148	.229	2.2856E+02	.059	.197	2.0935E+02	.149	.086
2.5002E+02	.141	.177	2.2811E+02	.059	.296	2.0896E+02	.142	.107
2.4952E+02	.146	.197	2.2767E+02	.058	.152	2.0857E+02	.134	.138
2.4901E+02	.188	.231	2.2723E+02	.081	.203	2.0818E+02	.111	.091
2.4850E+02	.274	.205	2.2678E+02	.131	.126	2.0779E+02	.098	.091
2.4800E+02	.278	.229	2.2634E+02	.152	.207	2.0741E+02	.091	.119
2.4749E+02	.286	.178	2.2590E+02	.189	.237	2.0702E+02	.086	.095
2.4699E+02	.265	.181	2.2547E+02	.265	.171	2.0664E+02	.082	.097
2.4649E+02	.207	.094	2.2503E+02	.272	.120	2.0625E+02	.083	.108
2.4599E+02	.162	.089	2.2460E+02	.263	.147	2.0587E+02	.084	.097
2.4550E+02	.147	.088	2.2416E+02	.246	.138	2.0549E+02	.092	.097
2.4500E+02	.138	.094	2.2373E+02	.187	.274	2.0511E+02	.099	.087
2.4451E+02	.126	.131	2.2330E+02	.127	.340	2.0473E+02	.101	.095
2.4401E+02	.108	.119	2.2287E+02	.095	.223	2.0436E+02	.099	.087
2.4352E+02	.094	.121	2.2244E+02	.081	.216	2.0398E+02	.093	.121
2.4303E+02	.099	.112	2.2201E+02	.079	.111	2.0360E+02	.086	.135
2.4255E+02	.106	.108	2.2159E+02	.091	.191	2.0323E+02	.067	.112
2.4206E+02	.097	.108	2.2116E+02	.133	.170	2.0286E+02	.062	.116
2.4157E+02	.093	.105	2.2074E+02	.143	.122	2.0248E+02	.061	.113
2.4109E+02	.129	.124	2.2031E+02	.157	.079	2.0211E+02	.055	.112
2.4061E+02	.183	.210	2.1989E+02	.147	.102	2.0174E+02	.052	.160
2.4013E+02	.251	.337	2.1947E+02	.159	.229	2.0137E+02	.047	.161
2.3965E+02	.381	.185	2.1905E+02	.137	.157	2.0100E+02	.055	.209
2.3917E+02	.382	.097	2.1864E+02	.102	.116	2.0064E+02	.129	.432
2.3869E+02	.356	.157	2.1822E+02	.074	.102	2.0027E+02	.173	.472
2.3822E+02	.241	.270	2.1780E+02	.063	.120	1.9990E+02	.503	.264
2.3774E+02	.181	.199	2.1739E+02	.056	.121	1.9954E+02	.666	.145
2.3727E+02	.158	.213	2.1698E+02	.050	.256	1.9918E+02	.471	.107
2.3680E+02	.137	.242	2.1656E+02	.053	.208	1.9881E+02	.373	.370
2.3633E+02	.110	.195	2.1615E+02	.052	.136	1.9845E+02	.337	.380
2.3586E+02	.090	.130	2.1574E+02	.044	.177	1.9809E+02	.262	.199
2.3540E+02	.082	.117	2.1534E+02	.054	.131	1.9773E+02	.245	.130
2.3493E+02	.078	.112	2.1493E+02	.074	.143	1.9738E+02	.243	.104
2.3447E+02	.098	.107	2.1452E+02	.102	.228	1.9702E+02	.228	.114
2.3400E+02	.147	.143	2.1412E+02	.170	.316	1.9666E+02	.218	.122
2.3354E+02	.190	.169	2.1371E+02	.180	.258	1.9631E+02	.197	.129
2.3308E+02	.210	.152	2.1331E+02	.167	.255	1.9595E+02	.176	.188
2.3262E+02	.230	.121	2.1291E+02	.124	.180	1.9560E+02	.145	.204
2.3217E+02	.227	.074	2.1251E+02	.106	.286	1.9525E+02	.117	.208
2.3171E+02	.204	.160	2.1211E+02	.085	.185	1.9489E+02	.087	.151

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.9454E+02	.080	.110	1.7938E+02	.204	.068	1.6592E+02	.222	.068
1.9419E+02	.091	.127	1.7907E+02	.170	.089	1.6564E+02	.202	.120
1.9385E+02	.106	.212	1.7876E+02	.106	.209	1.6537E+02	.150	.238
1.9350E+02	.158	.614	1.7845E+02	.067	.106	1.6509E+02	.115	.110
1.9315E+02	.331	.172	1.7815E+02	.065	.130	1.6482E+02	.117	.079
1.9280E+02	.330	.081	1.7784E+02	.069	.139	1.6455E+02	.128	.082
1.9246E+02	.286	.251	1.7753E+02	.106	.283	1.6428E+02	.126	.081
1.9211E+02	.215	.152	1.7723E+02	.137	.476	1.6400E+02	.112	.082
1.9177E+02	.209	.070	1.7692E+02	.314	.191	1.6373E+02	.097	.154
1.9143E+02	.201	.074	1.7662E+02	.343	.097	1.6346E+02	.087	.148
1.9109E+02	.185	.073	1.7632E+02	.337	.074	1.6319E+02	.064	.146
1.9075E+02	.163	.087	1.7602E+02	.268	.130	1.6293E+02	.047	.115
1.9041E+02	.142	.102	1.7571E+02	.252	.087	1.6266E+02	.042	.135
1.9007E+02	.112	.154	1.7541E+02	.245	.084	1.6239E+02	.048	.151
1.8973E+02	.085	.188	1.7511E+02	.236	.090	1.6212E+02	.044	.122
1.8939E+02	.063	.235	1.7482E+02	.206	.071	1.6186E+02	.042	.139
1.8906E+02	.063	.102	1.7452E+02	.185	.074	1.6159E+02	.040	.134
1.8872E+02	.082	.145	1.7422E+02	.190	.120	1.6133E+02	.057	.355
1.8839E+02	.094	.172	1.7392E+02	.206	.205	1.6106E+02	.077	.765
1.8806E+02	.121	.186	1.7363E+02	.218	.330	1.6080E+02	.227	.269
1.8772E+02	.140	.140	1.7333E+02	.529	.176	1.6053E+02	1.111	.229
1.8739E+02	.160	.084	1.7304E+02	.536	.090	1.6027E+02	1.213	.109
1.8706E+02	.190	.159	1.7274E+02	.514	.092	1.6001E+02	1.214	.053
1.8673E+02	.250	.095	1.7245E+02	.478	.081	1.5975E+02	.960	.160
1.8640E+02	.236	.122	1.7216E+02	.436	.072	1.5949E+02	.404	.301
1.8607E+02	.221	.168	1.7187E+02	.380	.189	1.5923E+02	.316	.302
1.8575E+02	.185	.231	1.7158E+02	.207	.311	1.5897E+02	.195	.246
1.8542E+02	.137	.274	1.7129E+02	.136	.213	1.5871E+02	.167	.143
1.8510E+02	.111	.149	1.7100E+02	.093	.143	1.5845E+02	.150	.092
1.8477E+02	.101	.121	1.7071E+02	.086	.095	1.5820E+02	.147	.073
1.8445E+02	.134	.160	1.7042E+02	.089	.091	1.5794E+02	.142	.074
1.8412E+02	.147	.113	1.7014E+02	.090	.089	1.5768E+02	.128	.087
1.8380E+02	.141	.075	1.6985E+02	.082	.135	1.5743E+02	.109	.105
1.8348E+02	.130	.117	1.6956E+02	.078	.094	1.5717E+02	.084	.103
1.8316E+02	.123	.084	1.6928E+02	.079	.095	1.5692E+02	.058	.177
1.8284E+02	.111	.081	1.6900E+02	.078	.098	1.5667E+02	.054	.208
1.8252E+02	.099	.117	1.6871E+02	.072	.148	1.5641E+02	.054	.113
1.8220E+02	.091	.095	1.6843E+02	.081	.174	1.5616E+02	.058	.109
1.8189E+02	.101	.181	1.6815E+02	.117	.257	1.5591E+02	.061	.121
1.8157E+02	.124	.149	1.6787E+02	.240	.281	1.5566E+02	.062	.115
1.8125E+02	.130	.075	1.6759E+02	.290	.099	1.5541E+02	.072	.132
1.8094E+02	.135	.079	1.6731E+02	.271	.080	1.5516E+02	.091	.173
1.8063E+02	.137	.091	1.6703E+02	.233	.133	1.5491E+02	.137	.192
1.8031E+02	.164	.121	1.6675E+02	.203	.119	1.5466E+02	.170	.253
1.8000E+02	.193	.164	1.6647E+02	.215	.106	1.5441E+02	.310	.280
1.7969E+02	.214	.144	1.6619E+02	.219	.078	1.5416E+02	.408	.087

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.5392E+02	.396	.090	1.4317E+02	.266	.274	1.3351E+02	.166	.128
1.5367E+02	.318	.066	1.4295E+02	.297	.341	1.3331E+02	.139	.179
1.5343E+02	.267	.072	1.4273E+02	.139	.458	1.3311E+02	.106	.252
1.5318E+02	.192	.093	1.4251E+02	.095	.245	1.3292E+02	.082	.205
1.5294E+02	.121	.094	1.4229E+02	.073	.263	1.3272E+02	.069	.123
1.5269E+02	.092	.208	1.4207E+02	.050	.162	1.3252E+02	.056	.102
1.5245E+02	.074	.094	1.4185E+02	.051	.121	1.3232E+02	.059	.108
1.5221E+02	.067	.097	1.4164E+02	.069	.216	1.3213E+02	.052	.109
1.5196E+02	.058	.180	1.4142E+02	.117	.231	1.3193E+02	.052	.166
1.5172E+02	.045	.154	1.4120E+02	.155	.183	1.3174E+02	.042	.126
1.5148E+02	.040	.121	1.4098E+02	.164	.188	1.3154E+02	.043	.136
1.5124E+02	.041	.194	1.4077E+02	.171	.103	1.3135E+02	.032	.136
1.5100E+02	.046	.197	1.4055E+02	.190	.067	1.3115E+02	.028	.183
1.5076E+02	.052	.108	1.4034E+02	.206	.156	1.3096E+02	.028	.150
1.5052E+02	.046	.116	1.4012E+02	.242	.340	1.3077E+02	.024	.163
1.5028E+02	.043	.114	1.3991E+02	.357	.439	1.3057E+02	.031	.142
1.5005E+02	.043	.124	1.3970E+02	.528	.189	1.3038E+02	.039	.160
1.4981E+02	.042	.117	1.3948E+02	.540	.092	1.3019E+02	.048	.159
1.4957E+02	.051	.279	1.3927E+02	.522	.148	1.3000E+02	.053	.110
1.4934E+02	.104	.568	1.3906E+02	.432	.227	1.2980E+02	.051	.114
1.4910E+02	.052	.152	1.3885E+02	.265	.439	1.2961E+02	.047	.111
1.4887E+02	.094	.309	1.3864E+02	.200	.488	1.2942E+02	.048	.144
1.4863E+02	.144	.311	1.3843E+02	.068	.521	1.2923E+02	.053	.156
1.4840E+02	.215	.249	1.3822E+02	.054	.290	1.2904E+02	.054	.185
1.4817E+02	.230	.182	1.3801E+02	.046	.219	1.2885E+02	.044	.198
1.4793E+02	.223	.104	1.3780E+02	.039	.121	1.2867E+02	.038	.128
1.4770E+02	.193	.162	1.3759E+02	.039	.119	1.2848E+02	.035	.152
1.4747E+02	.161	.241	1.3738E+02	.038	.126	1.2829E+02	.036	.138
1.4724E+02	.142	.220	1.3717E+02	.036	.131	1.2810E+02	.036	.129
1.4701E+02	.230	.329	1.3696E+02	.033	.143	1.2791E+02	.055	.132
1.4678E+02	.282	.631	1.3676E+02	.034	.172	1.2773E+02	.095	.213
1.4655E+02	1.021	.393	1.3655E+02	.031	.147	1.2754E+02	.139	.178
1.4632E+02	1.190	.257	1.3635E+02	.030	.139	1.2736E+02	.187	.209
1.4609E+02	1.269	.057	1.3614E+02	.030	.149	1.2717E+02	.192	.157
1.4586E+02	1.226	.084	1.3594E+02	.035	.131	1.2699E+02	.197	.111
1.4564E+02	.872	.255	1.3573E+02	.057	.127	1.2680E+02	.179	.120
1.4541E+02	.555	.199	1.3553E+02	.086	.183	1.2662E+02	.116	.328
1.4518E+02	.386	.083	1.3532E+02	.131	.258	1.2643E+02	.089	.270
1.4496E+02	.442	.163	1.3512E+02	.160	.213	1.2625E+02	.065	.131
1.4473E+02	.493	.187	1.3492E+02	.179	.153	1.2607E+02	.057	.148
1.4451E+02	.496	.128	1.3472E+02	.181	.121	1.2588E+02	.056	.103
1.4428E+02	1.133	.281	1.3451E+02	.188	.064	1.2570E+02	.074	.190
1.4406E+02	1.177	.111	1.3431E+02	.198	.069	1.2552E+02	.114	.202
1.4384E+02	1.131	.167	1.3411E+02	.198	.067	1.2534E+02	.103	.192
1.4361E+02	.851	.390	1.3391E+02	.192	.069	1.2516E+02	.403	.309
1.4339E+02	.547	.617	1.3371E+02	.186	.108	1.2498E+02	.445	.080

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.2480E+02	.403	.107	1.1691E+02	.221	.289	1.0974E+02	.112	.082
1.2462E+02	.357	.206	1.1674E+02	.467	.334	1.0959E+02	.105	.088
1.2444E+02	.291	.324	1.1658E+02	.525	.106	1.0944E+02	.094	.165
1.2426E+02	.117	.481	1.1642E+02	.509	.065	1.0930E+02	.076	.202
1.2408E+02	.090	.167	1.1626E+02	.478	.063	1.0915E+02	.049	.298
1.2390E+02	.101	.213	1.1609E+02	.363	.163	1.0900E+02	.037	.141
1.2372E+02	.136	.199	1.1593E+02	.154	.468	1.0885E+02	.037	.133
1.2355E+02	.131	.164	1.1577E+02	.076	.336	1.0871E+02	.045	.221
1.2337E+02	1.003	.297	1.1561E+02	.044	.154	1.0856E+02	.046	.166
1.2319E+02	1.082	.117	1.1545E+02	.042	.120	1.0841E+02	.044	.244
1.2301E+02	1.010	.069	1.1529E+02	.054	.196	1.0827E+02	.036	.258
1.2284E+02	.946	.207	1.1513E+02	.081	.200	1.0812E+02	.032	.261
1.2266E+02	.440	.381	1.1497E+02	.100	.157	1.0798E+02	.029	.190
1.2249E+02	.365	.168	1.1481E+02	.117	.091	1.0783E+02	.028	.159
1.2231E+02	.354	.088	1.1465E+02	.144	.161	1.0769E+02	.043	.179
1.2214E+02	.358	.059	1.1449E+02	.192	.245	1.0755E+02	.057	.395
1.2196E+02	.344	.058	1.1434E+02	.294	.211	1.0740E+02	.189	.178
1.2179E+02	.319	.149	1.1418E+02	.324	.122	1.0726E+02	.229	.217
1.2162E+02	.219	.358	1.1402E+02	.329	.057	1.0711E+02	.252	.235
1.2144E+02	.140	.370	1.1386E+02	.302	.099	1.0697E+02	.255	.147
1.2127E+02	.097	.281	1.1371E+02	.238	.065	1.0683E+02	.214	.112
1.2110E+02	.061	.335	1.1355E+02	.245	.182	1.0668E+02	.183	.354
1.2093E+02	.038	.151	1.1339E+02	.484	.441	1.0654E+02	.135	.460
1.2075E+02	.033	.144	1.1324E+02	.635	.139	1.0640E+02	.100	.439
1.2058E+02	.030	.159	1.1308E+02	.643	.068	1.0626E+02	.069	.294
1.2041E+02	.033	.147	1.1293E+02	.610	.064	1.0612E+02	.053	.195
1.2024E+02	.042	.201	1.1277E+02	.536	.180	1.0598E+02	.047	.210
1.2007E+02	.099	.247	1.1262E+02	.419	.183	1.0584E+02	.047	.141
1.1990E+02	.135	.537	1.1246E+02	.253	.341	1.0570E+02	.039	.139
1.1973E+02	.294	.290	1.1231E+02	.157	.266	1.0555E+02	.037	.140
1.1956E+02	.377	.161	1.1216E+02	.122	.100	1.0541E+02	.051	.134
1.1939E+02	.394	.112	1.1200E+02	.110	.084	1.0528E+02	.072	.230
1.1923E+02	.390	.132	1.1185E+02	.107	.099	1.0514E+02	.103	.502
1.1906E+02	.340	.206	1.1170E+02	.097	.083	1.0500E+02	.260	.216
1.1889E+02	.217	.361	1.1154E+02	.084	.109	1.0486E+02	.270	.171
1.1872E+02	.126	.309	1.1139E+02	.077	.147	1.0472E+02	.251	.069
1.1856E+02	.063	.286	1.1124E+02	.066	.205	1.0458E+02	.234	.264
1.1839E+02	.040	.137	1.1109E+02	.054	.209	1.0444E+02	.180	.418
1.1822E+02	.031	.139	1.1094E+02	.038	.234	1.0430E+02	.133	.482
1.1806E+02	.032	.144	1.1079E+02	.032	.143	1.0417E+02	.093	.259
1.1789E+02	.033	.143	1.1064E+02	.027	.164	1.0403E+02	.079	.099
1.1773E+02	.037	.138	1.1049E+02	.030	.147	1.0389E+02	.078	.098
1.1756E+02	.047	.129	1.1034E+02	.038	.169	1.0376E+02	.075	.098
1.1740E+02	.061	.186	1.1019E+02	.052	.223	1.0362E+02	.067	.111
1.1723E+02	.090	.184	1.1004E+02	.086	.196	1.0348E+02	.056	.119
1.1707E+02	.116	.374	1.0989E+02	.103	.157	1.0335E+02	.054	.317

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
1.0321E+02	.044	.195	9.7249E+01	.346	.115	9.1788E+01	.051	.161
1.0308E+02	.037	.136	9.7125E+01	.330	.275	9.1674E+01	.060	.237
1.0294E+02	.035	.163	9.7002E+01	.225	.456	9.1561E+01	.090	.243
1.0281E+02	.039	.137	9.6878E+01	.147	.507	9.1448E+01	.182	.372
1.0267E+02	.035	.181	9.6755E+01	.083	.599	9.1335E+01	.252	.229
1.0254E+02	.037	.200	9.6632E+01	.040	.442	9.1222E+01	.277	.213
1.0240E+02	.046	.131	9.6510E+01	.034	.203	9.1110E+01	.280	.175
1.0227E+02	.061	.441	9.6387E+01	.040	.192	9.0997E+01	.266	.168
1.0214E+02	.135	.675	9.6265E+01	.041	.231	9.0885E+01	.188	.374
1.0200E+02	.293	.181	9.6143E+01	.055	.302	9.0773E+01	.149	.259
1.0187E+02	.316	.148	9.6021E+01	.069	.150	9.0662E+01	.145	.242
1.0174E+02	.279	.076	9.5900E+01	.068	.185	9.0550E+01	.272	.160
1.0161E+02	.270	.191	9.5779E+01	.073	.152	9.0439E+01	.312	.218
1.0147E+02	.221	.149	9.5657E+01	.067	.169	9.0328E+01	.338	.181
1.0134E+02	.235	.103	9.5537E+01	.065	.132	9.0217E+01	.337	.092
1.0121E+02	.308	.291	9.5416E+01	.076	.161	9.0106E+01	.324	.119
1.0108E+02	.394	.169	9.5296E+01	.099	.333	8.9996E+01	.261	.397
1.0095E+02	.397	.106	9.5176E+01	.162	.266	8.9885E+01	.159	.559
1.0082E+02	.387	.080	9.5056E+01	.159	.745	8.9775E+01	.085	.549
1.0068E+02	.400	.229	9.4936E+01	.150	.593	8.9665E+01	.053	.500
1.0055E+02	.315	.346	9.4817E+01	1.414	.186	8.9556E+01	.038	.169
1.0042E+02	.160	.631	9.4697E+01	1.488	.112	8.9446E+01	.043	.210
1.0029E+02	.113	.496	9.4578E+01	1.430	.083	8.9337E+01	.083	.421
1.0016E+02	.059	.498	9.4459E+01	1.054	.326	8.9228E+01	.180	.228
1.0003E+02	.048	.191	9.4341E+01	1.294	.284	8.9119E+01	.253	.425
9.9906E+01	.053	.183	9.4223E+01	.861	.576	8.9010E+01	.438	.179
9.9777E+01	.047	.130	9.4104E+01	.202	1.051	8.8902E+01	.422	.171
9.9648E+01	.052	.155	9.3987E+01	.171	.645	8.8794E+01	.344	.164
9.9519E+01	.054	.160	9.3869E+01	.118	.440	8.8686E+01	.365	.394
9.9391E+01	.056	.118	9.3751E+01	.080	.398	8.8578E+01	.211	.363
9.9263E+01	.055	.120	9.3634E+01	.065	.173	8.8470E+01	.166	.256
9.9136E+01	.057	.119	9.3517E+01	.061	.135	8.8363E+01	.138	.096
9.9008E+01	.050	.141	9.3400E+01	.054	.142	8.8255E+01	.116	.097
9.8881E+01	.061	.114	9.3284E+01	.049	.147	8.8148E+01	.106	.113
9.8754E+01	.069	.155	9.3168E+01	.044	.149	8.8041E+01	.096	.104
9.8627E+01	.079	.138	9.3051E+01	.041	.163	8.7934E+01	.081	.143
9.8501E+01	.078	.129	9.2935E+01	.043	.152	8.7828E+01	.052	.182
9.8375E+01	.073	.111	9.2820E+01	.055	.242	8.7722E+01	.050	.327
9.8249E+01	.069	.226	9.2704E+01	.050	.223	8.7615E+01	.034	.188
9.8123E+01	.060	.287	9.2589E+01	.046	.213	8.7510E+01	.038	.226
9.7997E+01	.057	.120	9.2474E+01	.043	.156	8.7404E+01	.046	.239
9.7872E+01	.079	.258	9.2359E+01	.038	.183	8.7298E+01	.034	.206
9.7747E+01	.161	.204	9.2244E+01	.034	.177	8.7193E+01	.032	.201
9.7622E+01	.293	.262	9.2130E+01	.029	.212	8.7088E+01	.047	.204
9.7498E+01	.350	.246	9.2016E+01	.027	.238	8.6983E+01	.084	.205
9.7373E+01	.347	.210	9.1902E+01	.040	.346	8.6878E+01	.208	.320

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
8.6773E+01	.327	.151	8.2158E+01	.042	.197	7.7901E+01	.139	.203
8.6669E+01	.344	.180	8.2062E+01	.037	.227	7.7812E+01	.220	.565
8.6565E+01	.348	.082	8.1966E+01	.040	.195	7.7724E+01	.468	.190
8.6461E+01	.325	.103	8.1870E+01	.038	.207	7.7635E+01	.509	.112
8.6357E+01	.269	.213	8.1774E+01	.046	.227	7.7547E+01	.493	.103
8.6253E+01	.198	.325	8.1679E+01	.032	.235	7.7458E+01	.451	.101
8.6150E+01	.130	.150	8.1583E+01	.042	.215	7.7370E+01	.382	.077
8.6046E+01	.136	.107	8.1488E+01	.073	.156	7.7282E+01	.360	.122
8.5943E+01	.188	.367	8.1393E+01	.113	.533	7.7195E+01	.197	.138
8.5840E+01	.377	.301	8.1298E+01	.246	.324	7.7107E+01	.123	.199
8.5738E+01	.468	.737	8.1204E+01	.508	.226	7.7019E+01	.110	.137
8.5635E+01	1.501	.177	8.1109E+01	.625	.144	7.6932E+01	.103	.131
8.5533E+01	1.217	.550	8.1015E+01	.618	.112	7.6845E+01	.095	.310
8.5430E+01	1.547	.087	8.0920E+01	.559	.070	7.6758E+01	.082	.225
8.5329E+01	1.397	.219	8.0826E+01	.433	.098	7.6671E+01	.080	.154
8.5227E+01	1.324	.218	8.0733E+01	.349	.123	7.6584E+01	.077	.157
8.5125E+01	1.125	.376	8.0639E+01	.266	.155	7.6497E+01	.073	.179
8.5024E+01	.727	.568	8.0545E+01	.190	.198	7.6411E+01	.065	.211
8.4922E+01	.242	.484	8.0452E+01	.145	.216	7.6325E+01	.062	.184
8.4821E+01	.199	.184	8.0359E+01	.104	.268	7.6239E+01	.047	.229
8.4720E+01	.180	.120	8.0265E+01	.079	.151	7.6153E+01	.040	.256
8.4619E+01	.174	.183	8.0173E+01	.068	.150	7.6067E+01	.036	.294
8.4519E+01	.168	.088	8.0080E+01	.063	.171	7.5981E+01	.040	.403
8.4419E+01	.208	.109	7.9987E+01	.072	.160	7.5895E+01	.053	.246
8.4318E+01	.261	.161	7.9895E+01	.068	.170	7.5810E+01	.088	.213
8.4218E+01	.271	.158	7.9802E+01	.048	.199	7.5725E+01	.170	.316
8.4119E+01	.275	.098	7.9710E+01	.043	.201	7.5640E+01	.341	.287
8.4019E+01	.260	.075	7.9619E+01	.053	.442	7.5554E+01	.481	.236
8.3919E+01	.250	.172	7.9527E+01	.038	.316	7.5470E+01	.595	.125
8.3820E+01	.199	.088	7.9435E+01	.043	.277	7.5385E+01	.616	.077
8.3721E+01	.193	.133	7.9344E+01	.038	.226	7.5300E+01	.578	.154
8.3622E+01	.229	.085	7.9252E+01	.032	.258	7.5216E+01	.461	.258
8.3523E+01	.219	.213	7.9161E+01	.023	.377	7.5131E+01	.345	.359
8.3425E+01	.301	.375	7.9070E+01	.033	.370	7.5047E+01	.208	.190
8.3326E+01	.268	.262	7.8979E+01	.039	.398	7.4963E+01	.181	.169
8.3228E+01	.222	.089	7.8889E+01	.027	.281	7.4879E+01	.160	.165
8.3130E+01	.193	.087	7.8798E+01	.033	.261	7.4796E+01	.152	.122
8.3032E+01	.161	.103	7.8708E+01	.088	.841	7.4712E+01	.102	.166
8.2934E+01	.142	.113	7.8617E+01	.049	.226	7.4629E+01	.073	.278
8.2836E+01	.115	.117	7.8527E+01	.045	.224	7.4545E+01	.057	.230
8.2739E+01	.099	.205	7.8437E+01	.036	.235	7.4462E+01	.090	.183
8.2642E+01	.080	.196	7.8348E+01	.045	.211	7.4379E+01	.093	.155
8.2545E+01	.050	.262	7.8258E+01	.069	.179	7.4296E+01	.086	.167
8.2448E+01	.053	.176	7.8169E+01	.081	.158	7.4213E+01	.083	.165
8.2351E+01	.048	.193	7.8079E+01	.077	.170	7.4131E+01	.084	.158
8.2255E+01	.040	.204	7.7990E+01	.085	.150	7.4048E+01	.098	.172

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
7.3966E+01	.106	.147	7.0321E+01	.224	.203	6.6939E+01	.103	.215
7.3884E+01	.099	.168	7.0245E+01	.236	.116	6.6868E+01	.100	.358
7.3802E+01	.081	.170	7.0169E+01	.228	.119	6.6797E+01	.089	.224
7.3720E+01	.064	.200	7.0093E+01	.202	.215	6.6727E+01	.072	.315
7.3638E+01	.049	.251	7.0017E+01	.192	.188	6.6656E+01	.090	.397
7.3556E+01	.045	.263	6.9941E+01	.208	.121	6.6586E+01	.093	.404
7.3475E+01	.047	.258	6.9866E+01	.275	.172	6.6516E+01	.186	.593
7.3393E+01	.058	.223	6.9790E+01	.395	.189	6.6445E+01	.335	.457
7.3312E+01	.077	.200	6.9715E+01	.514	.164	6.6376E+01	.402	.255
7.3231E+01	.129	.172	6.9640E+01	.522	.096	6.6306E+01	.402	.232
7.3150E+01	.214	.156	6.9564E+01	.447	.100	6.6236E+01	.521	.359
7.3069E+01	.354	.208	6.9489E+01	.349	.156	6.6166E+01	.516	.237
7.2988E+01	.502	.126	6.9414E+01	.261	.345	6.6097E+01	.459	.200
7.2908E+01	.622	.094	6.9340E+01	.135	.260	6.6027E+01	.354	.218
7.2827E+01	.646	.069	6.9265E+01	.133	.169	6.5958E+01	.254	.194
7.2747E+01	.587	.109	6.9191E+01	.090	.307	6.5888E+01	.197	.164
7.2667E+01	.437	.164	6.9116E+01	.072	.272	6.5819E+01	.162	.191
7.2587E+01	.253	.178	6.9042E+01	.099	.199	6.5750E+01	.104	.283
7.2507E+01	.167	.127	6.8968E+01	.143	.152	6.5681E+01	.082	.274
7.2427E+01	.196	.113	6.8894E+01	.273	.123	6.5613E+01	.072	.343
7.2347E+01	.253	.105	6.8820E+01	.338	.177	6.5544E+01	.095	.377
7.2268E+01	.292	.202	6.8746E+01	.360	.095	6.5475E+01	.075	.363
7.2188E+01	.315	.095	6.8672E+01	.368	.096	6.5407E+01	.060	.342
7.2109E+01	.325	.118	6.8599E+01	.332	.137	6.5338E+01	.067	.326
7.2030E+01	.266	.265	6.8525E+01	.245	.155	6.5270E+01	.068	.319
7.1951E+01	.223	.271	6.8452E+01	.213	.140	6.5202E+01	.074	.348
7.1872E+01	.163	.153	6.8379E+01	.208	.170	6.5134E+01	.075	.269
7.1793E+01	.121	.162	6.8306E+01	.186	.372	6.5066E+01	.084	.292
7.1715E+01	.092	.173	6.8233E+01	.236	.208	6.4998E+01	.087	.275
7.1636E+01	.085	.183	6.8160E+01	.298	.112	6.4930E+01	.091	.317
7.1558E+01	.097	.192	6.8087E+01	.328	.098	6.4863E+01	.079	.340
7.1480E+01	.086	.182	6.8015E+01	.329	.107	6.4795E+01	.091	.290
7.1401E+01	.073	.203	6.7942E+01	.275	.125	6.4727E+01	.076	.426
7.1323E+01	.067	.230	6.7870E+01	.307	.129	6.4660E+01	.098	.410
7.1246E+01	.064	.220	6.7797E+01	.250	.136	6.4593E+01	.081	.359
7.1168E+01	.056	.261	6.7725E+01	.158	.149	6.4526E+01	.068	.536
7.1090E+01	.050	.285	6.7653E+01	.143	.251	6.4459E+01	.062	.368
7.1013E+01	.056	.234	6.7581E+01	.164	.222	6.4392E+01	.037	.741
7.0935E+01	.049	.329	6.7509E+01	.193	.170	6.4325E+01	.044	.602
7.0858E+01	.050	.437	6.7438E+01	.209	.179	6.4258E+01	.038	.787
7.0781E+01	.049	.350	6.7366E+01	.238	.149	6.4192E+01	.050	1.002
7.0704E+01	.049	.317	6.7294E+01	.235	.206	6.4125E+01	.113	.436
7.0627E+01	.066	.459	6.7223E+01	.196	.296	6.4059E+01	.054	.467
7.0551E+01	.082	.385	6.7152E+01	.156	.237	6.3993E+01	.061	.598
7.0474E+01	.116	.255	6.7081E+01	.139	.290	6.3926E+01	.045	.573
7.0398E+01	.166	.278	6.7010E+01	.098	.316	6.3860E+01	.055	.475

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
6.3794E+01	.054	.752	6.0866E+01	.288	.164	5.8134E+01	.137	.453
6.3728E+01	.058	.510	6.0804E+01	.252	.191	5.8077E+01	.073	.564
6.3663E+01	.080	.577	6.0743E+01	.299	.155	5.8020E+01	.144	.348
6.3597E+01	.073	.462	6.0682E+01	.242	.250	5.7963E+01	.090	.551
6.3531E+01	-.012	5.193	6.0621E+01	.176	.311	5.7906E+01	.120	.666
6.3466E+01	.080	.521	6.0560E+01	.144	.268	5.7849E+01	.048	.850
6.3401E+01	.077	.568	6.0499E+01	.125	.303	5.7792E+01	.098	.571
6.3335E+01	.077	.351	6.0438E+01	.124	.330	5.7735E+01	.048	.978
6.3270E+01	.120	.258	6.0377E+01	.141	.278	5.7678E+01	.094	.736
6.3205E+01	.143	.211	6.0317E+01	.203	.256	5.7621E+01	.097	.671
6.3140E+01	.173	.412	6.0256E+01	.192	.271	5.7565E+01	.099	.433
6.3075E+01	.100	.293	6.0196E+01	.140	.265	5.7508E+01	.103	.466
6.3010E+01	.132	.222	6.0135E+01	.211	.233	5.7452E+01	.158	.348
6.2946E+01	.100	.312	6.0075E+01	.233	.201	5.7396E+01	.124	.350
6.2881E+01	.111	.325	6.0015E+01	.209	.313	5.7339E+01	.148	.335
6.2817E+01	.107	.271	5.9954E+01	.239	.306	5.7283E+01	.215	.308
6.2752E+01	.107	.269	5.9894E+01	.257	.228	5.7227E+01	.178	.291
6.2688E+01	.117	.433	5.9834E+01	.268	.189	5.7171E+01	.304	.460
6.2624E+01	.070	.453	5.9775E+01	.230	.269	5.7115E+01	.177	.314
6.2560E+01	.095	.387	5.9715E+01	.199	.343	5.7059E+01	.110	.490
6.2496E+01	.060	.489	5.9655E+01	.165	.257	5.7004E+01	.085	.524
6.2432E+01	.070	.407	5.9596E+01	.176	.251	5.6948E+01	.158	.311
6.2368E+01	.125	.261	5.9536E+01	.130	.308	5.6892E+01	.094	.530
6.2304E+01	.077	.372	5.9477E+01	.125	.294	5.6837E+01	.173	.563
6.2241E+01	.090	.398	5.9417E+01	.120	.518	5.6781E+01	.078	.720
6.2177E+01	.086	.419	5.9358E+01	.135	.338	5.6726E+01	.063	.851
6.2114E+01	.051	.540	5.9299E+01	.166	.259	5.6671E+01	.117	.619
6.2051E+01	.087	.478	5.9240E+01	.225	.225	5.6616E+01	.096	.534
6.1987E+01	.094	.418	5.9181E+01	.217	.219	5.6561E+01	.144	.556
6.1924E+01	.079	.425	5.9122E+01	.241	.199	5.6505E+01	.136	.545
6.1861E+01	.140	.329	5.9063E+01	.195	.245	5.6450E+01	-.005	12.777
6.1798E+01	.175	.298	5.9005E+01	.188	.237	5.6396E+01	.149	.362
6.1736E+01	.083	.415	5.8946E+01	.193	.266	5.6341E+01	.123	.388
6.1673E+01	.066	.416	5.8887E+01	.207	.226	5.6286E+01	.160	.322
6.1610E+01	.091	.511	5.8829E+01	.188	.425	5.6232E+01	.213	.284
6.1548E+01	.086	.435	5.8771E+01	.125	.399	5.6177E+01	.252	.248
6.1485E+01	.112	.331	5.8712E+01	.188	.421	5.6122E+01	.350	.199
6.1423E+01	.214	.198	5.8654E+01	.198	.279	5.6068E+01	.520	.205
6.1361E+01	.415	.198	5.8596E+01	.211	.267	5.6014E+01	.627	.184
6.1298E+01	.564	.179	5.8538E+01	.211	.231	5.5960E+01	.752	.152
6.1236E+01	.638	.141	5.8480E+01	.155	.301	5.5905E+01	.830	.126
6.1174E+01	.721	.097	5.8422E+01	.138	.331	5.5851E+01	.849	.128
6.1112E+01	.735	.115	5.8364E+01	.172	.259	5.5797E+01	.911	.120
6.1051E+01	.693	.107	5.8307E+01	.102	.449	5.5743E+01	.813	.128
6.0989E+01	.676	.102	5.8249E+01	.141	.318	5.5690E+01	.669	.149
6.0927E+01	.582	.264	5.8192E+01	.104	.449	5.5636E+01	.829	.212

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
5.5582E+01	.602	.364	5.3194E+01	.392	.244	5.0957E+01	.296	.411
5.5529E+01	.441	.269	5.3144E+01	.384	.256	5.0909E+01	.338	.421
5.5475E+01	.288	.237	5.3094E+01	.532	.200	5.0862E+01	.372	.467
5.5422E+01	.273	.269	5.3044E+01	.538	.221	5.0815E+01	.253	.583
5.5368E+01	.354	.234	5.2994E+01	.472	.215	5.0769E+01	.296	.427
5.5315E+01	.295	.235	5.2944E+01	.350	.280	5.0722E+01	.381	.501
5.5262E+01	.204	.309	5.2894E+01	.348	.271	5.0675E+01	.272	.838
5.5208E+01	.207	.295	5.2844E+01	.351	.287	5.0628E+01	.210	.924
5.5156E+01	.209	.296	5.2795E+01	.288	.314	5.0582E+01	.333	.547
5.5102E+01	.244	.274	5.2745E+01	.421	.263	5.0535E+01	.290	.776
5.5050E+01	.229	.303	5.2695E+01	.476	.247	5.0489E+01	.335	.667
5.4997E+01	.153	.414	5.2646E+01	.425	.237	5.0442E+01	.294	.792
5.4944E+01	.141	.438	5.2597E+01	.281	.354	5.0396E+01	.334	.590
5.4891E+01	.176	.356	5.2547E+01	.266	.396	5.0350E+01	.191	1.428
5.4839E+01	.259	.297	5.2498E+01	.271	.365	5.0303E+01	-.107	2.194
5.4786E+01	.304	.443	5.2449E+01	.438	.255	5.0257E+01	.003	93.179
5.4734E+01	.365	.256	5.2399E+01	.344	.292	5.0211E+01	.096	1.614
5.4681E+01	.486	.207	5.2350E+01	.225	.431	5.0165E+01	.297	.573
5.4629E+01	.445	.202	5.2301E+01	.218	.525	5.0119E+01	.193	.803
5.4577E+01	.532	.175	5.2252E+01	.255	.427	5.0073E+01	.353	.555
5.4525E+01	.491	.191	5.2204E+01	.363	.272	5.0027E+01	.257	.661
5.4473E+01	.346	.235	5.2155E+01	.249	.394	4.9982E+01	.509	.450
5.4420E+01	.387	.252	5.2106E+01	.257	.412	4.9936E+01	.536	.557
5.4369E+01	.324	.263	5.2057E+01	.230	.434	4.9890E+01	.321	.509
5.4317E+01	.334	.266	5.2009E+01	.267	.539	4.9844E+01	.474	.405
5.4265E+01	.297	.266	5.1960E+01	.187	.570	4.9799E+01	.469	.359
5.4213E+01	.486	.208	5.1912E+01	.235	.541	4.9754E+01	.195	1.175
5.4161E+01	.397	.233	5.1863E+01	.270	.399	4.9708E+01	.264	.643
5.4110E+01	.392	.224	5.1815E+01	.236	.406	4.9663E+01	.327	.618
5.4059E+01	.341	.272	5.1767E+01	.273	.383	4.9618E+01	.405	.440
5.4007E+01	.398	.165	5.1719E+01	.382	.387	4.9572E+01	.434	.397
5.3956E+01	.339	.254	5.1670E+01	.441	.460	4.9527E+01	.490	.328
5.3904E+01	.315	.271	5.1622E+01	.577	.451	4.9482E+01	.473	.317
5.3853E+01	.479	.262	5.1574E+01	.702	.451	4.9437E+01	.398	.381
5.3802E+01	.388	.245	5.1526E+01	.727	.360	4.9392E+01	.540	.285
5.3751E+01	.321	.259	5.1479E+01	.469	.463	4.9347E+01	.735	.379
5.3700E+01	.367	.264	5.1431E+01	.394	.297	4.9302E+01	.715	.431
5.3649E+01	.296	.292	5.1383E+01	.882	.787	4.9257E+01	.720	.300
5.3598E+01	.235	.390	5.1335E+01	1.004	.706	4.9213E+01	.618	.483
5.3547E+01	.234	.345	5.1288E+01	.776	.206	4.9168E+01	.550	.387
5.3497E+01	.238	.370	5.1240E+01	.772	.181	4.9123E+01	.445	.433
5.3446E+01	.288	.298	5.1193E+01	.678	.203	4.9079E+01	.535	.432
5.3396E+01	.277	.341	5.1145E+01	.601	.224	4.9034E+01	.716	.495
5.3345E+01	.369	.291	5.1098E+01	.520	.361	4.8990E+01	.376	.476
5.3295E+01	.329	.270	5.1051E+01	.492	.274	4.8945E+01	.329	.569
5.3244E+01	.321	.301	5.1004E+01	.464	.259	4.8901E+01	.398	.438

X. ^{243}Cm: R. R. Fullwood, D. R. Dixon, and R. W. Lougheed[18]

All of the usual recordings for this isotope were lost, but some data were recovered from single-sweep, plate-film recordings. The discrepancy between the two signals in Fig. 23 (x 90°, * 55°) is probably indicative of the recording uncertainties. The average data are given in Table XI; the correlated error is ±6.0%.

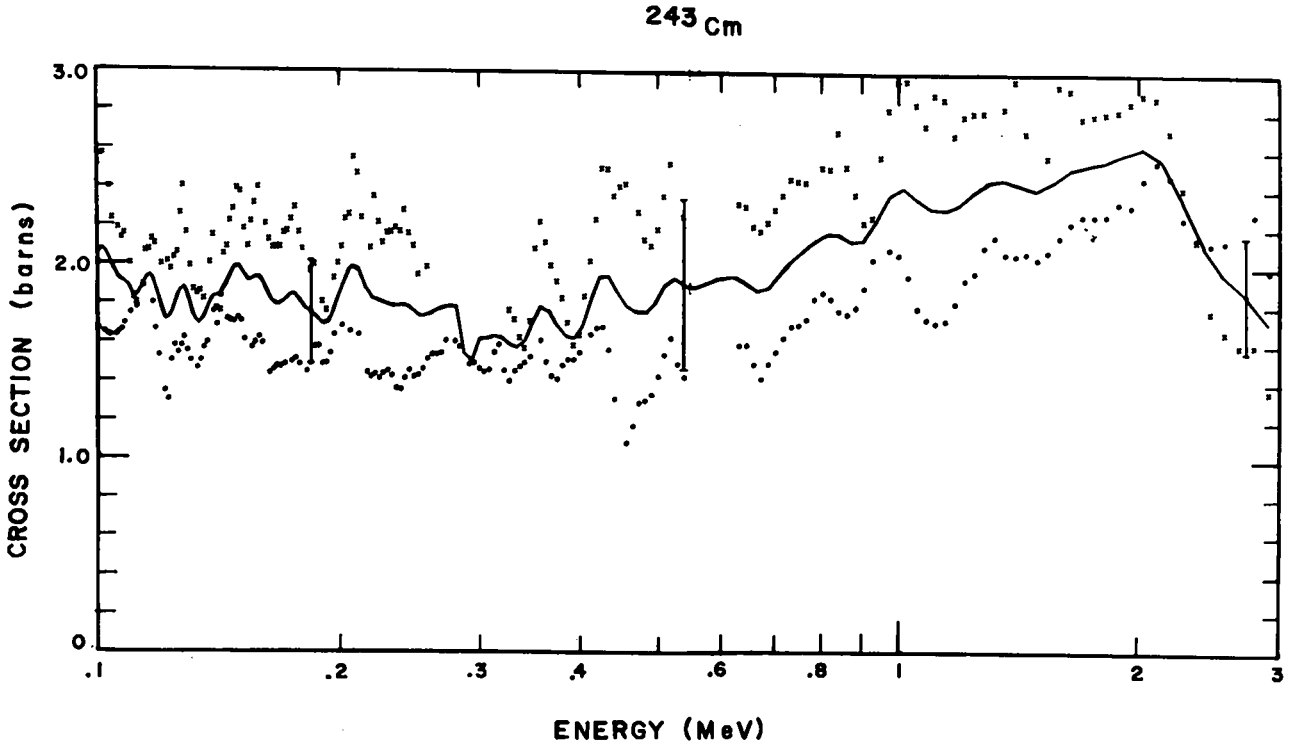

Fig. 23. Fission cross section of ^{243}Cm. Smoothed average of two poorly-recorded signals (x 90°, * 55°).

TABLE XI

FISSION CROSS SECTION OF ^{243}CM (R. R. FULLWOOD, D. R. DIXON, AND R. W. LOUGHEED[18])

E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ	E(eV)	σ(b)	δσ/σ
2.9103E+06	1.72	.174	4.9539E+05	1.81	.236	1.9661E+05	1.77	.111
2.7267E+06	1.86	.161	4.8213E+05	1.76	.265	1.9327E+05	1.70	.108
2.5599E+06	1.97	.119	4.6939E+05	1.76	.309	1.9002E+05	1.69	.114
2.4080E+06	2.12	.071	4.5715E+05	1.79	.331	1.8684E+05	1.73	.130
2.2692E+06	2.35	.063	4.4539E+05	1.86	.299	1.8375E+05	1.75	.154
2.1421E+06	2.55	.082	4.3407E+05	1.95	.239	1.8073E+05	1.78	.178
2.0254E+06	2.62	.099	4.2318E+05	1.94	.180	1.7778E+05	1.82	.195
1.9179E+06	2.59	.111	4.1270E+05	1.83	.127	1.7491E+05	1.85	.202
1.8188E+06	2.55	.118	4.0260E+05	1.69	.091	1.7210E+05	1.84	.198
1.7272E+06	2.53	.126	3.9286E+05	1.62	.084	1.6937E+05	1.81	.192
1.6424E+06	2.51	.137	3.8347E+05	1.63	.109	1.6669E+05	1.79	.190
1.5636E+06	2.45	.143	3.7442E+05	1.69	.147	1.6408E+05	1.81	.193
1.4904E+06	2.40	.147	3.6568E+05	1.76	.165	1.6153E+05	1.87	.195
1.4222E+06	2.43	.158	3.5725E+05	1.79	.154	1.5904E+05	1.93	.193
1.3586E+06	2.46	.163	3.4910E+05	1.71	.119	1.5661E+05	1.94	.186
1.2991E+06	2.44	.165	3.4123E+05	1.61	.092	1.5423E+05	1.92	.173
1.2435E+06	2.39	.180	3.3363E+05	1.58	.094	1.5191E+05	1.94	.166
1.1914E+06	2.33	.206	3.2627E+05	1.60	.104	1.4963E+05	1.99	.163
1.1424E+06	2.30	.232	3.1916E+05	1.63	.102	1.4741E+05	1.99	.150
1.0965E+06	2.30	.239	3.1227E+05	1.64	.100	1.4524E+05	1.94	.122
1.0532E+06	2.35	.223	3.0561E+05	1.62	.106	1.4312E+05	1.88	.089
1.0125E+06	2.41	.193	2.9916E+05	1.62	.108	1.4104E+05	1.84	.076
9.7408E+05	2.38	.156	2.9290E+05	1.50	.070	1.3900E+05	1.83	.090
9.3781E+05	2.25	.124	2.8685E+05	1.54	.073	1.3701E+05	1.79	.105
9.0352E+05	2.15	.126	2.8098E+05	1.78	.130	1.3507E+05	1.72	.111
8.7109E+05	2.14	.158	2.7528E+05	1.79	.126	1.3316E+05	1.69	.124
8.4037E+05	2.17	.179	2.6976E+05	1.78	.131	1.3130E+05	1.73	.142
8.1124E+05	2.17	.174	2.6441E+05	1.77	.139	1.2947E+05	1.81	.164
7.8361E+05	2.14	.172	2.5921E+05	1.75	.149	1.2768E+05	1.88	.177
7.5736E+05	2.09	.181	2.5416E+05	1.74	.164	1.2593E+05	1.86	.171
7.3241E+05	2.03	.191	2.4926E+05	1.75	.186	1.2421E+05	1.79	.164
7.0867E+05	1.96	.198	2.4450E+05	1.78	.212	1.2253E+05	1.73	.177
6.8607E+05	1.89	.204	2.3987E+05	1.80	.229	1.2088E+05	1.72	.183
6.6454E+05	1.88	.203	2.3538E+05	1.79	.228	1.1927E+05	1.78	.160
6.4400E+05	1.92	.197	2.3101E+05	1.80	.219	1.1768E+05	1.87	.125
6.2440E+05	1.95	.192	2.2676E+05	1.81	.217	1.1613E+05	1.94	.092
6.0568E+05	1.95	.193	2.2262E+05	1.82	.221	1.1461E+05	1.94	.076
5.8779E+05	1.93	.204	2.1860E+05	1.83	.216	1.1312E+05	1.88	.079
5.7068E+05	1.91	.218	2.1469E+05	1.89	.208	1.1166E+05	1.84	.081
5.5431E+05	1.89	.227	2.1088E+05	1.98	.202	1.1022E+05	1.85	.079
5.3863E+05	1.90	.231	2.0717E+05	1.99	.184	1.0882E+05	1.89	.107
5.2361E+05	1.94	.229	2.0356E+05	1.94	.153	1.0744E+05	1.91	.133
5.0920E+05	1.90	.227	2.0004E+05	1.86	.125	1.0608E+05	1.92	.152

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