

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
carbon tetrachloride (CCl<sub>4</sub>)  
 $\langle Z/A \rangle = 0.49107$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.5597	0.2631	0.4321	1.2549
5.	0.7613	0.6443	0.4599	1.8656
10.	0.9252	0.9492	0.4485	2.3229
20.	1.0948	1.2713	0.4299	2.7959
50.	1.3201	1.7300	0.4093	3.4595
100.	1.4840	2.0475	0.3993	3.9308
200.	1.6372	2.3406	0.3944	4.3721
500.	1.8152	2.6230	0.3940	4.8322
1000.	1.9267	2.7796	0.4003	5.1067
2000.	2.0168	2.8952	0.4107	5.3226
5000.	2.1040	2.9937	0.4298	5.5275
10000.	2.1491	3.0400	0.4491	5.6381
20000.	2.1809	3.0693	0.4715	5.7217
50000.	2.2058	3.0931	0.5066	5.8054
100000.	2.2179	3.1027	0.5366	5.8572