

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
ethane (C<sub>2</sub>H<sub>6</sub>)  
 $\langle Z/A \rangle = 0.59861$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2154	0.0908	0.4863	0.7927
5.	0.2929	0.2283	0.5137	1.0349
10.	0.3580	0.3526	0.4972	1.2077
20.	0.4276	0.4883	0.4732	1.3890
50.	0.5237	0.6787	0.4469	1.6494
100.	0.5971	0.8141	0.4341	1.8452
200.	0.6661	0.9398	0.4274	2.0333
500.	0.7493	1.0724	0.4263	2.2481
1000.	0.8036	1.1549	0.4329	2.3914
2000.	0.8492	1.2140	0.4447	2.5077
5000.	0.8956	1.2667	0.4667	2.6290
10000.	0.9209	1.2915	0.4890	2.7015
20000.	0.9391	1.3072	0.5155	2.7617
50000.	0.9551	1.3194	0.5569	2.8312
100000.	0.9623	1.3243	0.5926	2.8792