

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
n-heptane (C<sub>7</sub>H<sub>16</sub>)  
 $\langle Z/A \rangle = 0.57992$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2208	0.0936	0.4831	0.7976
5.	0.2999	0.2345	0.5104	1.0448
10.	0.3663	0.3607	0.4942	1.2212
20.	0.4370	0.4986	0.4705	1.4061
50.	0.5344	0.6921	0.4447	1.6713
100.	0.6086	0.8297	0.4321	1.8704
200.	0.6782	0.9573	0.4256	2.0611
500.	0.7621	1.0914	0.4244	2.2781
1000.	0.8166	1.1746	0.4312	2.4225
2000.	0.8623	1.2341	0.4429	2.5392
5000.	0.9086	1.2871	0.4647	2.6605
10000.	0.9338	1.3120	0.4869	2.7328
20000.	0.9518	1.3278	0.5131	2.7927
50000.	0.9675	1.3401	0.5542	2.8617
100000.	0.9745	1.3451	0.5896	2.9092