

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
n-pentane (C<sub>5</sub>H<sub>12</sub>)  
 $\langle Z/A \rangle = 0.58212$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2199	0.0932	0.4837	0.7968
5.	0.2988	0.2335	0.5109	1.0432
10.	0.3649	0.3594	0.4947	1.2189
20.	0.4354	0.4969	0.4710	1.4033
50.	0.5326	0.6898	0.4451	1.6677
100.	0.6067	0.8271	0.4324	1.8662
200.	0.6762	0.9544	0.4259	2.0565
500.	0.7600	1.0883	0.4247	2.2731
1000.	0.8145	1.1713	0.4315	2.4173
2000.	0.8601	1.2307	0.4432	2.5340
5000.	0.9065	1.2837	0.4651	2.6552
10000.	0.9316	1.3086	0.4873	2.7275
20000.	0.9496	1.3244	0.5135	2.7875
50000.	0.9655	1.3366	0.5546	2.8566
100000.	0.9725	1.3416	0.5901	2.9042