

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
 naphthalene (C<sub>10</sub>H<sub>8</sub>)  
 $\langle Z/A \rangle = 0.53053$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2338	0.1005	0.4753	0.8097
5.	0.3172	0.2497	0.5023	1.0692
10.	0.3864	0.3806	0.4869	1.2540
20.	0.4599	0.5238	0.4641	1.4478
50.	0.5605	0.7248	0.4394	1.7247
100.	0.6367	0.8678	0.4272	1.9317
200.	0.7079	1.0001	0.4211	2.1290
500.	0.7933	1.1378	0.4200	2.3512
1000.	0.8485	1.2229	0.4269	2.4983
2000.	0.8944	1.2833	0.4385	2.6161
5000.	0.9405	1.3368	0.4600	2.7374
10000.	0.9653	1.3621	0.4818	2.8092
20000.	0.9827	1.3780	0.5074	2.8682
50000.	0.9978	1.3906	0.5476	2.9359
100000.	1.0044	1.3957	0.5821	2.9822