

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
 toluene (C<sub>6</sub>H<sub>5</sub>CH<sub>3</sub>)  
 $\langle Z/A \rangle = 0.54265$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2306	0.0988	0.4773	0.8067
5.	0.3128	0.2459	0.5043	1.0631
10.	0.3814	0.3756	0.4887	1.2457
20.	0.4541	0.5175	0.4657	1.4374
50.	0.5539	0.7166	0.4407	1.7113
100.	0.6297	0.8582	0.4284	1.9163
200.	0.7004	0.9893	0.4222	2.1120
500.	0.7855	1.1262	0.4211	2.3329
1000.	0.8405	1.2108	0.4280	2.4793
2000.	0.8863	1.2709	0.4396	2.5968
5000.	0.9325	1.3243	0.4612	2.7181
10000.	0.9574	1.3495	0.4831	2.7900
20000.	0.9750	1.3654	0.5089	2.8493
50000.	0.9902	1.3779	0.5493	2.9173
100000.	0.9969	1.3830	0.5840	2.9639