

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
polyvinyltoluene [(2-CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>CHCH<sub>2</sub>)<sub>n</sub>]  
 $\langle Z/A \rangle = 0.54141$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2309	0.0990	0.4771	0.8070
5.	0.3133	0.2463	0.5041	1.0637
10.	0.3819	0.3761	0.4885	1.2466
20.	0.4547	0.5181	0.4656	1.4384
50.	0.5546	0.7174	0.4406	1.7127
100.	0.6304	0.8592	0.4283	1.9179
200.	0.7012	0.9904	0.4221	2.1137
500.	0.7863	1.1274	0.4210	2.3347
1000.	0.8413	1.2120	0.4279	2.4812
2000.	0.8872	1.2722	0.4395	2.5988
5000.	0.9333	1.3256	0.4611	2.7201
10000.	0.9582	1.3508	0.4829	2.7920
20000.	0.9757	1.3667	0.5087	2.8512
50000.	0.9910	1.3792	0.5491	2.9192
100000.	0.9976	1.3843	0.5838	2.9657