

**Table 223:**  $b(E) \times 10^6$  [ $\text{cm}^2\text{g}^{-1}$ ] for  
 Polymethylmethacrylate (acrylic,  $[\text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3)]_n$ )  
 $\langle Z/A \rangle = 0.53937$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2541	0.1103	0.4733	0.8378
5.	0.3447	0.2734	0.5005	1.1186
10.	0.4199	0.4150	0.4853	1.3202
20.	0.4993	0.5696	0.4627	1.5316
50.	0.6078	0.7869	0.4381	1.8328
100.	0.6894	0.9410	0.4260	2.0563
200.	0.7663	1.0832	0.4199	2.2694
500.	0.8579	1.2305	0.4189	2.5073
1000.	0.9168	1.3210	0.4257	2.6636
2000.	0.9659	1.3850	0.4372	2.7880
5000.	1.0150	1.4417	0.4585	2.9153
10000.	1.0413	1.4684	0.4802	2.9900
20000.	1.0599	1.4853	0.5057	3.0509
50000.	1.0760	1.4986	0.5456	3.1201
100000.	1.0832	1.5040	0.5799	3.1671