

**Table 243:**  $b(E) \times 10^6$  [ $\text{cm}^2\text{g}^{-1}$ ] for  
Rubber natural  $(\text{C}_5\text{H}_8)_n$   
 $\langle Z/A \rangle = 0.55785$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2264	0.0966	0.4797	0.8029
5.	0.3074	0.2411	0.5069	1.0554
10.	0.3750	0.3694	0.4910	1.2354
20.	0.4469	0.5096	0.4678	1.4242
50.	0.5457	0.7063	0.4424	1.6945
100.	0.6208	0.8462	0.4300	1.8970
200.	0.6911	0.9759	0.4236	2.0906
500.	0.7756	1.1116	0.4225	2.3098
1000.	0.8305	1.1956	0.4293	2.4554
2000.	0.8762	1.2554	0.4410	2.5726
5000.	0.9225	1.3087	0.4627	2.6939
10000.	0.9475	1.3338	0.4847	2.7659
20000.	0.9652	1.3496	0.5107	2.8255
50000.	0.9807	1.3620	0.5513	2.8939
100000.	0.9875	1.3671	0.5863	2.9409