

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
radium (Ra),  $Z = 88$ ,  $A = [226.02541(2)]$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	2.0339	0.3447	0.3599	2.7385
5.	2.8255	1.9344	0.3841	5.1440
10.	3.4723	3.1703	0.3766	7.0193
20.	4.1361	4.3082	0.3634	8.8077
50.	5.0042	6.0502	0.3485	11.4029
100.	5.6206	7.1979	0.3415	13.1600
200.	6.1823	8.2131	0.3382	14.7335
500.	6.8108	9.1408	0.3384	16.2900
1000.	7.1882	9.6310	0.3436	17.1628
2000.	7.4808	9.9838	0.3519	17.8164
5000.	7.7513	10.2783	0.3669	18.3964
10000.	7.8847	10.4140	0.3818	18.6805
20000.	7.9729	10.5025	0.3992	18.8746
50000.	8.0456	10.5683	0.4263	19.0402
100000.	8.0778	10.5955	0.4495	19.1227