

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
zinc (Zn),  $Z = 30$ ,  $A = 65.38(2)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.9303	0.4322	0.4053	1.7679
5.	1.2728	1.0985	0.4141	2.7854
10.	1.5508	1.6191	0.4233	3.5933
20.	1.8363	2.1441	0.4070	4.3875
50.	2.2133	2.9150	0.3888	5.5170
100.	2.4843	3.4372	0.3799	6.3014
200.	2.7354	3.9107	0.3756	7.0217
500.	3.0231	4.3568	0.3755	7.7554
1000.	3.2005	4.5987	0.3815	8.1807
2000.	3.3417	4.7758	0.3910	8.5086
5000.	3.4761	4.9255	0.4086	8.8102
10000.	3.5443	4.9955	0.4262	8.9661
20000.	3.5904	5.0411	0.4467	9.0782
50000.	3.6289	5.0758	0.4787	9.1834
100000.	3.6466	5.0903	0.5060	9.2429