

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
sodium (Na),  $Z = 11$ ,  $A = 22.98976928(2)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.3964	0.1823	0.4457	1.0244
5.	0.5379	0.4448	0.4732	1.4559
10.	0.6534	0.6597	0.4606	1.7737
20.	0.7736	0.8908	0.4408	2.1053
50.	0.9347	1.2182	0.4191	2.5719
100.	1.0527	1.4472	0.4085	2.9083
200.	1.1646	1.6562	0.4032	3.2240
500.	1.2948	1.8641	0.4026	3.5615
1000.	1.3769	1.9895	0.4093	3.7756
2000.	1.4442	2.0755	0.4200	3.9396
5000.	1.5101	2.1507	0.4399	4.1007
10000.	1.5445	2.1861	0.4600	4.1906
20000.	1.5690	2.2086	0.4834	4.2610
50000.	1.5883	2.2266	0.5201	4.3350
100000.	1.5978	2.2339	0.5515	4.3833