

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
neon gas (Ne),  $Z = 10$ ,  $A = 20.1797(6)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.3782	0.1720	0.4506	1.0008
5.	0.5127	0.4202	0.4783	1.4112
10.	0.6226	0.6248	0.4653	1.7127
20.	0.7373	0.8456	0.4450	2.0279
50.	0.8912	1.1580	0.4228	2.4719
100.	1.0041	1.3770	0.4119	2.7931
200.	1.1115	1.5773	0.4065	3.0953
500.	1.2367	1.7778	0.4058	3.4202
1000.	1.3158	1.8990	0.4125	3.6273
2000.	1.3808	1.9825	0.4233	3.7866
5000.	1.4446	2.0555	0.4435	3.9437
10000.	1.4780	2.0900	0.4639	4.0319
20000.	1.5011	2.1118	0.4877	4.1007
50000.	1.5208	2.1293	0.5250	4.1750
100000.	1.5300	2.1364	0.5569	4.2234