

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
scandium (Sc),  $Z = 21$ ,  $A = 44.955908(5)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.6890	0.3264	0.4197	1.4351
5.	0.9391	0.8055	0.4475	2.1921
10.	1.1423	1.1841	0.4370	2.7634
20.	1.3518	1.5788	0.4195	3.3501
50.	1.6291	2.1436	0.4001	4.1727
100.	1.8297	2.5318	0.3906	4.7522
200.	2.0167	2.8884	0.3860	5.2911
500.	2.2327	3.2281	0.3857	5.8465
1000.	2.3671	3.4143	0.3919	6.1733
2000.	2.4749	3.5514	0.4019	6.4283
5000.	2.5787	3.6678	0.4203	6.6668
10000.	2.6318	3.7224	0.4388	6.7930
20000.	2.6693	3.7579	0.4604	6.8876
50000.	2.6984	3.7851	0.4940	6.9774
100000.	2.7125	3.7964	0.5227	7.0316