

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
samarium (Sm),  $Z = 62$ ,  $A = 150.36(2)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.5848	0.5345	0.3743	2.4936
5.	2.1898	1.7430	0.3999	4.3327
10.	2.6827	2.6797	0.3920	5.7544
20.	3.1883	3.5710	0.3727	7.1321
50.	3.8511	4.9124	0.3620	9.1256
100.	4.3236	5.8039	0.3544	10.4819
200.	4.7563	6.5987	0.3509	11.7058
500.	5.2443	7.3312	0.3510	12.9265
1000.	5.5399	7.7213	0.3565	13.6176
2000.	5.7710	8.0036	0.3651	14.1397
5000.	5.9867	8.2402	0.3809	14.6078
10000.	6.0940	8.3498	0.3967	14.8405
20000.	6.1654	8.4213	0.4150	15.0018
50000.	6.2247	8.4751	0.4436	15.1433
100000.	6.2512	8.4973	0.4680	15.2164