

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
europium (Eu),  $Z = 63$ ,  $A = 151.964(1)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.6169	0.5356	0.3739	2.5264
5.	2.2344	1.7692	0.3995	4.4031
10.	2.7375	2.7254	0.3916	5.8544
20.	3.2536	3.6339	0.3724	7.2598
50.	3.9299	5.0021	0.3617	9.2937
100.	4.4119	5.9110	0.3541	10.6770
200.	4.8533	6.7211	0.3505	11.9249
500.	5.3509	7.4674	0.3507	13.1689
1000.	5.6521	7.8646	0.3561	13.8728
2000.	5.8875	8.1521	0.3648	14.4044
5000.	6.1071	8.3929	0.3806	14.8806
10000.	6.2164	8.5045	0.3963	15.1172
20000.	6.2891	8.5773	0.4146	15.2810
50000.	6.3493	8.6318	0.4431	15.4243
100000.	6.3763	8.6544	0.4675	15.4982