

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
barium (Ba),  $Z = 56$ ,  $A = 137.327(7)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.4291	0.5300	0.3776	2.3367
5.	1.9725	1.6139	0.4033	3.9898
10.	2.4151	2.4541	0.3953	5.2644
20.	2.8692	3.2606	0.3758	6.5057
50.	3.4651	4.4695	0.3648	8.2995
100.	3.8904	5.2749	0.3572	9.5225
200.	4.2806	5.9947	0.3536	10.6288
500.	4.7216	6.6599	0.3537	11.7352
1000.	4.9894	7.0149	0.3592	12.3635
2000.	5.1993	7.2723	0.3680	12.8396
5000.	5.3957	7.4883	0.3840	13.2680
10000.	5.4937	7.5885	0.3999	13.4822
20000.	5.5591	7.6539	0.4185	13.6315
50000.	5.6134	7.7028	0.4474	13.7636
100000.	5.6377	7.7234	0.4721	13.8332