

$b(E) \times 10^6$  [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.	1.4292	0.5300	0.3776	2.3369
5.	1.9727	1.6141	0.4033	3.9901
10.	2.4153	2.4543	0.3953	5.2649
20.	2.8695	3.2609	0.3758	6.5063
50.	3.4655	4.4699	0.3648	8.3002
100.	3.8908	5.2754	0.3572	9.5234
200.	4.2810	5.9953	0.3536	10.6298
500.	4.7221	6.6605	0.3537	11.7363
1000.	4.9899	7.0156	0.3592	12.3647
2000.	5.1998	7.2729	0.3680	12.8406
5000.	5.3962	7.4890	0.3840	13.2692
10000.	5.4943	7.5891	0.4000	13.4833
20000.	5.5596	7.6546	0.4185	13.6328
50000.	5.6139	7.7036	0.4474	13.7649
100000.	5.6383	7.7241	0.4721	13.8345