

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
mercury (Hg),  $Z = 80$ ,  $A = 200.59(2)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.9183	0.4303	0.3640	2.7126
5.	2.6605	1.9192	0.3887	4.9685
10.	3.2665	3.0753	0.3811	6.7229
20.	3.8882	4.1495	0.3629	8.4006
50.	4.7016	5.7859	0.3525	10.8399
100.	5.2798	6.8665	0.3453	12.4915
200.	5.8073	7.8243	0.3419	13.9735
500.	6.3990	8.7015	0.3421	15.4426
1000.	6.7550	9.1660	0.3474	16.2684
2000.	7.0317	9.5008	0.3558	16.8883
5000.	7.2881	9.7806	0.3710	17.4397
10000.	7.4149	9.9097	0.3862	17.7108
20000.	7.4988	9.9940	0.4038	17.8966
50000.	7.5682	10.0566	0.4313	18.0562
100000.	7.5990	10.0827	0.4549	18.1366