

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
lead (Pb),  $Z = 82$ ,  $A = 207.2(1)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.9444	0.4100	0.3629	2.7173
5.	2.6980	1.9222	0.3874	5.0077
10.	3.3133	3.0967	0.3799	6.7899
20.	3.9447	4.1855	0.3665	8.4967
50.	4.7707	5.8461	0.3514	10.9682
100.	5.3576	6.9421	0.3442	12.6440
200.	5.8930	7.9130	0.3409	14.1469
500.	6.4931	8.8017	0.3411	15.6359
1000.	6.8540	9.2721	0.3464	16.4724
2000.	7.1343	9.6105	0.3547	17.0995
5000.	7.3939	9.8940	0.3699	17.6578
10000.	7.5222	10.0242	0.3850	17.9313
20000.	7.6071	10.1098	0.4026	18.1194
50000.	7.6772	10.1731	0.4299	18.2802
100000.	7.7083	10.1996	0.4534	18.3613