

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
tantalum (Ta),  $Z = 73$ ,  $A = 180.94788(2)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.7901	0.4841	0.3677	2.6419
5.	2.4795	1.8654	0.3927	4.7375
10.	3.0418	2.9368	0.3850	6.3636
20.	3.6187	3.9412	0.3664	7.9262
50.	4.3739	5.4641	0.3559	10.1939
100.	4.9113	6.4720	0.3486	11.7319
200.	5.4023	7.3673	0.3451	13.1147
500.	5.9541	8.1890	0.3453	14.4884
1000.	6.2869	8.6250	0.3507	15.2626
2000.	6.5461	8.9394	0.3591	15.8446
5000.	6.7869	9.2030	0.3746	16.3645
10000.	6.9063	9.3244	0.3899	16.6206
20000.	6.9854	9.4040	0.4078	16.7973
50000.	7.0509	9.4633	0.4357	16.9499
100000.	7.0801	9.4880	0.4595	17.0276