

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
gold (Au),  $Z = 79$ ,  $A = 196.966569(5)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.9087	0.4408	0.3647	2.7141
5.	2.6466	1.9205	0.3894	4.9565
10.	3.2488	3.0692	0.3818	6.6999
20.	3.8668	4.1380	0.3635	8.3682
50.	4.6753	5.7648	0.3531	10.7932
100.	5.2500	6.8396	0.3459	12.4355
200.	5.7745	7.7924	0.3425	13.9094
500.	6.3629	8.6653	0.3427	15.3709
1000.	6.7171	9.1277	0.3480	16.1928
2000.	6.9924	9.4606	0.3564	16.8094
5000.	7.2477	9.7396	0.3716	17.3589
10000.	7.3739	9.8678	0.3868	17.6286
20000.	7.4576	9.9521	0.4045	17.8141
50000.	7.5267	10.0144	0.4321	17.9731
100000.	7.5573	10.0405	0.4557	18.0535