

$b(E) \times 10^6$  [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.	1.9085	0.4407	0.3647	2.7139
5.	2.6463	1.9203	0.3894	4.9560
10.	3.2485	3.0689	0.3818	6.6992
20.	3.8663	4.1375	0.3635	8.3674
50.	4.6747	5.7643	0.3531	10.7921
100.	5.2494	6.8389	0.3459	12.4342
200.	5.7739	7.7916	0.3425	13.9080
500.	6.3622	8.6644	0.3427	15.3693
1000.	6.7164	9.1267	0.3480	16.1911
2000.	6.9917	9.4600	0.3564	16.8081
5000.	7.2469	9.7386	0.3716	17.3571
10000.	7.3732	9.8672	0.3868	17.6271
20000.	7.4568	9.9510	0.4045	17.8123
50000.	7.5259	10.0134	0.4321	17.9713
100000.	7.5565	10.0394	0.4557	18.0516