

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
uranium (U),  $Z = 92$ ,  $A = [238.02891(3)]$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	2.0992	0.2965	0.3581	2.7538
5.	2.9183	1.9417	0.3821	5.2421
10.	3.5878	3.2217	0.3747	7.1842
20.	4.2750	4.3949	0.3615	9.0314
50.	5.1734	6.1955	0.3468	11.7156
100.	5.8110	7.3805	0.3398	13.5314
200.	6.3916	8.4277	0.3366	15.1559
500.	7.0408	9.3837	0.3368	16.7613
1000.	7.4300	9.8884	0.3420	17.6604
2000.	7.7316	10.2513	0.3502	18.3330
5000.	8.0100	10.5541	0.3651	18.9292
10000.	8.1471	10.6935	0.3799	19.2206
20000.	8.2377	10.7845	0.3972	19.4194
50000.	8.3124	10.8517	0.4241	19.5882
100000.	8.3454	10.8799	0.4471	19.6724