

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
 uranium oxide (UO<sub>2</sub>)  
 $\langle Z/A \rangle = 0.39996$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.8875	0.2779	0.3701	2.5355
5.	2.6227	1.7521	0.3945	4.7694
10.	3.2237	2.9006	0.3863	6.5107
20.	3.8408	3.9568	0.3722	8.1698
50.	4.6480	5.5749	0.3565	10.5794
100.	5.2214	6.6413	0.3490	12.2118
200.	5.7440	7.5845	0.3455	13.6739
500.	6.3289	8.4475	0.3456	15.1220
1000.	6.6800	8.9048	0.3510	15.9358
2000.	6.9525	9.2333	0.3595	16.5452
5000.	7.2044	9.5078	0.3751	17.0874
10000.	7.3287	9.6343	0.3906	17.3538
20000.	7.4110	9.7168	0.4088	17.5366
50000.	7.4789	9.7778	0.4371	17.6937
100000.	7.5090	9.8034	0.4612	17.7736