

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
 plutonium dioxide (PuO<sub>2</sub>)  
 $\langle Z/A \rangle = 0.40583$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.9169	0.2552	0.3693	2.5414
5.	2.6644	1.7544	0.3937	4.8124
10.	3.2756	2.9226	0.3855	6.5837
20.	3.9032	3.9946	0.3714	8.2691
50.	4.7240	5.6390	0.3557	10.7187
100.	5.3069	6.7222	0.3483	12.3774
200.	5.8379	7.6796	0.3448	13.8624
500.	6.4321	8.5554	0.3449	15.3324
1000.	6.7886	9.0192	0.3503	16.1581
2000.	7.0650	9.3523	0.3588	16.7761
5000.	7.3206	9.6305	0.3743	17.3254
10000.	7.4467	9.7587	0.3898	17.5951
20000.	7.5299	9.8422	0.4079	17.7800
50000.	7.6042	9.9042	0.4360	17.9444
100000.	7.6291	9.9300	0.4602	18.0194