

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
uranium dicarbide (UC<sub>2</sub>)  
 $\langle Z/A \rangle = 0.39687$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.9290	0.2789	0.3684	2.5763
5.	2.6809	1.7875	0.3926	4.8610
10.	3.2955	2.9624	0.3846	6.6425
20.	3.9266	4.0415	0.3705	8.3387
50.	4.7521	5.6959	0.3550	10.8029
100.	5.3383	6.7857	0.3475	12.4717
200.	5.8723	7.7493	0.3441	13.9657
500.	6.4699	8.6305	0.3442	15.4446
1000.	6.8286	9.0969	0.3495	16.2750
2000.	7.1067	9.4321	0.3580	16.8968
5000.	7.3638	9.7121	0.3735	17.4494
10000.	7.4906	9.8410	0.3889	17.7207
20000.	7.5745	9.9252	0.4070	17.9066
50000.	7.6437	9.9874	0.4350	18.0661
100000.	7.6742	10.0135	0.4590	18.1467