

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
californium (Cf),  $Z = 98$ ,  $A = [251.07959(3)]$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	2.2451	0.2203	0.3562	2.8216
5.	3.1231	1.9825	0.3802	5.4858
10.	3.8411	3.3551	0.3728	7.5690
20.	4.5780	4.6052	0.3597	9.5429
50.	5.5408	6.5308	0.3450	12.4166
100.	6.2236	7.7963	0.3381	14.3581
200.	6.8447	8.9130	0.3349	16.0926
500.	7.5382	9.9310	0.3351	17.8044
1000.	7.9534	10.4677	0.3403	18.7614
2000.	8.2745	10.8533	0.3484	19.4762
5000.	8.5705	11.1747	0.3632	20.1085
10000.	8.7161	11.3225	0.3780	20.4166
20000.	8.8121	11.4191	0.3951	20.6263
50000.	8.8978	11.4904	0.4218	20.8100
100000.	8.9261	11.5201	0.4448	20.8909