

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
livermorium (Lv),  $Z = 116$ ,  $A = [293.2045(6)]$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	2.6505	-0.0856	0.3510	2.9158
5.	3.6945	2.0038	0.3745	6.0727
10.	4.5490	3.6377	0.3673	8.5540
20.	5.4262	5.0994	0.3544	10.8799
50.	6.5706	7.3750	0.3401	14.2856
100.	7.3808	8.8647	0.3333	16.5788
200.	8.1156	10.1742	0.3301	18.6200
500.	8.9331	11.3639	0.3304	20.6274
1000.	9.4204	11.9890	0.3354	21.7448
2000.	9.7957	12.4368	0.3434	22.5759
5000.	10.1402	12.8094	0.3579	23.3075
10000.	10.3089	12.9803	0.3723	23.6615
20000.	10.4197	13.0918	0.3891	23.9007
50000.	10.5186	13.1738	0.4154	24.1077
100000.	10.5508	13.2079	0.4379	24.1966