

$b(E) \times 10^6$  [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.	2.6484	-0.0855	0.3510	2.9138
5.	3.6917	2.0024	0.3745	6.0685
10.	4.5456	3.6351	0.3672	8.5480
20.	5.4221	5.0958	0.3544	10.8723
50.	6.5657	7.3698	0.3400	14.2756
100.	7.3753	8.8586	0.3333	16.5672
200.	8.1097	10.1671	0.3301	18.6069
500.	8.9266	11.3560	0.3303	20.6130
1000.	9.4135	11.9807	0.3354	21.7296
2000.	9.7886	12.4272	0.3434	22.5592
5000.	10.1328	12.8005	0.3579	23.2913
10000.	10.3014	12.9703	0.3723	23.6440
20000.	10.4122	13.0827	0.3891	23.8840
50000.	10.5109	13.1646	0.4154	24.0909
100000.	10.5432	13.1987	0.4379	24.1797