

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
 darmstadtium (Ds),  $Z = 110$ ,  $A = [281.1645(6)]$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	2.4950	0.0278	0.3524	2.8752
5.	3.4760	1.9938	0.3760	5.8458
10.	4.2788	3.5292	0.3687	8.1767
20.	5.1028	4.9106	0.3558	10.3692
50.	6.1785	7.0538	0.3414	13.5736
100.	6.9405	8.4586	0.3346	15.7336
200.	7.6323	9.6948	0.3314	17.6584
500.	8.4027	10.8192	0.3316	19.5535
1000.	8.8626	11.4106	0.3367	20.6099
2000.	9.2173	11.8337	0.3447	21.3958
5000.	9.5433	12.1877	0.3593	22.0903
10000.	9.7031	12.3488	0.3738	22.4258
20000.	9.8083	12.4555	0.3907	22.6546
50000.	9.9021	12.5333	0.4171	22.8525
100000.	9.9328	12.5657	0.4397	22.9382