

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
hassium (Hs),  $Z = 108$ ,  $A = [269.13375(13)]$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	2.4438	0.0627	0.3529	2.8594
5.	3.4041	1.9880	0.3765	5.7686
10.	4.1898	3.4909	0.3692	8.0500
20.	4.9964	4.8458	0.3563	10.1984
50.	6.0494	6.9453	0.3418	13.3365
100.	6.7956	8.3220	0.3350	15.4526
200.	7.4731	9.5341	0.3318	17.3390
500.	8.2281	10.6369	0.3321	19.1970
1000.	8.6789	11.2171	0.3372	20.2332
2000.	9.0268	11.6333	0.3452	21.0053
5000.	9.3467	11.9799	0.3598	21.6864
10000.	9.5036	12.1390	0.3744	22.0169
20000.	9.6069	12.2429	0.3913	22.2411
50000.	9.6990	12.3193	0.4177	22.4360
100000.	9.7292	12.3513	0.4404	22.5208