

$b(E) \times 10^6$ [cm²g⁻¹] for
yttrium (Y), $Z = 39$, $A = 88.90584(2)$

E [GeV]	b_{brems}	b_{pair}	b_{nucl}	b_{tot}
2.	1.1201	0.4956	0.3936	2.0094
5.	1.5378	1.3177	0.4205	3.2760
10.	1.8772	1.9568	0.4016	4.2355
20.	2.2255	2.5888	0.3905	5.2048
50.	2.6840	3.5240	0.3790	6.5870
100.	3.0125	4.1530	0.3707	7.5362
200.	3.3157	4.7200	0.3667	8.4023
500.	3.6610	5.2494	0.3667	9.2771
1000.	3.8726	5.5345	0.3724	9.7796
2000.	4.0399	5.7424	0.3817	10.1639
5000.	4.1980	5.9176	0.3986	10.5142
10000.	4.2777	5.9992	0.4155	10.6924
20000.	4.3312	6.0525	0.4352	10.8189
50000.	4.3758	6.0927	0.4658	10.9344
100000.	4.3961	6.1097	0.4920	10.9978