

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
nickel (Ni),  $Z = 28$ ,  $A = 58.6934(4)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.9121	0.4255	0.4093	1.7470
5.	1.2463	1.0728	0.4372	2.7563
10.	1.5174	1.5796	0.4275	3.5246
20.	1.7960	2.0931	0.4109	4.2999
50.	2.1639	2.8456	0.3923	5.4018
100.	2.4286	3.3564	0.3832	6.1682
200.	2.6741	3.8203	0.3788	6.8732
500.	2.9559	4.2584	0.3786	7.5929
1000.	3.1300	4.4964	0.3846	8.0110
2000.	3.2687	4.6709	0.3942	8.3339
5000.	3.4010	4.8184	0.4121	8.6315
10000.	3.4683	4.8876	0.4299	8.7858
20000.	3.5138	4.9325	0.4507	8.8970
50000.	3.5519	4.9668	0.4831	9.0018
100000.	3.5694	4.9811	0.5108	9.0614