

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
promethium (Pm),  $Z = 61$ ,  $A = [144.91275(3)]$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.5727	0.5391	0.3752	2.4869
5.	2.1725	1.7365	0.4008	4.3097
10.	2.6610	2.6645	0.3928	5.7183
20.	3.1622	3.5488	0.3735	7.0845
50.	3.8191	4.8788	0.3627	9.0607
100.	4.2875	5.7631	0.3551	10.4057
200.	4.7166	6.5517	0.3516	11.6198
500.	5.2007	7.2789	0.3517	12.8312
1000.	5.4940	7.6662	0.3572	13.5174
2000.	5.7234	7.9467	0.3658	14.0359
5000.	5.9376	8.1817	0.3817	14.5010
10000.	6.0442	8.2907	0.3975	14.7324
20000.	6.1152	8.3617	0.4159	14.8928
50000.	6.1741	8.4151	0.4445	15.0337
100000.	6.2005	8.4373	0.4690	15.1067