

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
vanadium (V),  $Z = 23$ ,  $A = 50.9415(1)$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.7202	0.3417	0.4149	1.4769
5.	0.9830	0.8477	0.4234	2.2540
10.	1.1965	1.2462	0.4323	2.8749
20.	1.4164	1.6551	0.4152	3.4868
50.	1.7073	2.2517	0.3962	4.3551
100.	1.9174	2.6578	0.3870	4.9622
200.	2.1130	3.0302	0.3825	5.5257
500.	2.3384	3.3835	0.3823	6.1043
1000.	2.4784	3.5766	0.3884	6.4435
2000.	2.5905	3.7187	0.3983	6.7074
5000.	2.6980	3.8390	0.4165	6.9535
10000.	2.7529	3.8955	0.4347	7.0831
20000.	2.7903	3.9322	0.4559	7.1783
50000.	2.8216	3.9603	0.4889	7.2708
100000.	2.8361	3.9720	0.5172	7.3253