

$b(E) \times 10^6$  [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	2.2541
10.	1.1965	1.2462	0.4323	2.8749
20.	1.4164	1.6552	0.4152	3.4868
50.	1.7073	2.2517	0.3962	4.3552
100.	1.9174	2.6579	0.3870	4.9623
200.	2.1130	3.0302	0.3825	5.5257
500.	2.3385	3.3836	0.3823	6.1043
1000.	2.4784	3.5767	0.3884	6.4435
2000.	2.5905	3.7187	0.3983	6.7075
5000.	2.6980	3.8390	0.4165	6.9535
10000.	2.7530	3.8955	0.4347	7.0832
20000.	2.7903	3.9322	0.4559	7.1784
50000.	2.8216	3.9604	0.4889	7.2709
100000.	2.8361	3.9720	0.5172	7.3253