

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
gallium arsenide (GaAs)  
 $\langle Z/A \rangle = 0.44247$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.9479	0.4377	0.4014	1.7870
5.	1.2984	1.1223	0.4286	2.8494
10.	1.5831	1.6566	0.4140	3.6536
20.	1.8755	2.1928	0.4034	4.4716
50.	2.2613	2.9815	0.3855	5.6282
100.	2.5384	3.5148	0.3768	6.4300
200.	2.7949	3.9977	0.3726	7.1653
500.	3.0885	4.4516	0.3726	7.9126
1000.	3.2692	4.6973	0.3785	8.3449
2000.	3.4128	4.8769	0.3880	8.6777
5000.	3.5492	5.0286	0.4053	8.9831
10000.	3.6183	5.0996	0.4227	9.1406
20000.	3.6650	5.1458	0.4429	9.2536
50000.	3.7039	5.1809	0.4744	9.3593
100000.	3.7217	5.1955	0.5014	9.4187