

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
muscle-equivalent liquid with sucrose  
 $\langle Z/A \rangle = 0.54828$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2807	0.1232	0.4703	0.8741
5.	0.3808	0.3044	0.4978	1.1829
10.	0.4635	0.4600	0.4828	1.4064
20.	0.5508	0.6294	0.4605	1.6407
50.	0.6696	0.8678	0.4361	1.9735
100.	0.7580	1.0363	0.4242	2.2185
200.	0.8423	1.1916	0.4181	2.4520
500.	0.9419	1.3511	0.4172	2.7101
1000.	1.0057	1.4488	0.4239	2.8784
2000.	1.0588	1.5175	0.4352	3.0114
5000.	1.1118	1.5781	0.4564	3.1463
10000.	1.1401	1.6067	0.4779	3.2247
20000.	1.1600	1.6247	0.5032	3.2879
50000.	1.1773	1.6390	0.5427	3.3589
100000.	1.1854	1.6448	0.5767	3.4070