

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
soft tissue (ICRP)  
 $\langle Z/A \rangle = 0.55121$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2765	0.1212	0.4714	0.8691
5.	0.3752	0.2996	0.4988	1.1737
10.	0.4569	0.4533	0.4838	1.3940
20.	0.5430	0.6206	0.4614	1.6250
50.	0.6604	0.8559	0.4369	1.9532
100.	0.7479	1.0224	0.4249	2.1951
200.	0.8312	1.1757	0.4187	2.4257
500.	0.9297	1.3335	0.4178	2.6811
1000.	0.9929	1.4302	0.4245	2.8476
2000.	1.0455	1.4983	0.4359	2.9796
5000.	1.0981	1.5584	0.4571	3.1136
10000.	1.1262	1.5867	0.4786	3.1916
20000.	1.1460	1.6047	0.5040	3.2547
50000.	1.1632	1.6188	0.5437	3.3256
100000.	1.1712	1.6245	0.5777	3.3736