

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
soft tissue (ICRU four-component)  
 $\langle Z/A \rangle = 0.54975$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.2836	0.1246	0.4700	0.8782
5.	0.3847	0.3078	0.4975	1.1901
10.	0.4684	0.4650	0.4826	1.4160
20.	0.5566	0.6360	0.4603	1.6529
50.	0.6765	0.8768	0.4359	1.9893
100.	0.7656	1.0469	0.4241	2.2366
200.	0.8508	1.2036	0.4179	2.4724
500.	0.9513	1.3645	0.4170	2.7328
1000.	1.0157	1.4630	0.4237	2.9024
2000.	1.0692	1.5323	0.4350	3.0364
5000.	1.1226	1.5933	0.4562	3.1722
10000.	1.1511	1.6221	0.4777	3.2510
20000.	1.1713	1.6403	0.5029	3.3145
50000.	1.1886	1.6547	0.5424	3.3857
100000.	1.1969	1.6606	0.5764	3.4339