

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
compact bone (ICRU)  
 $\langle Z/A \rangle = 0.53010$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.3535	0.1593	0.4614	0.9742
5.	0.4801	0.3928	0.4889	1.3618
10.	0.5841	0.5875	0.4748	1.6463
20.	0.6928	0.7965	0.4533	1.9426
50.	0.8394	1.0922	0.4299	2.3615
100.	0.9476	1.2995	0.4184	2.6655
200.	1.0498	1.4893	0.4126	2.9516
500.	1.1696	1.6818	0.4117	3.2632
1000.	1.2458	1.7948	0.4184	3.4590
2000.	1.3084	1.8756	0.4295	3.6135
5000.	1.3702	1.9461	0.4502	3.7665
10000.	1.4027	1.9793	0.4712	3.8533
20000.	1.4257	2.0004	0.4958	3.9219
50000.	1.4449	2.0170	0.5343	3.9961
100000.	1.4539	2.0238	0.5674	4.0451