

$b(E) \times 10^6 \text{ [cm}^2\text{g}^{-1}\text{]} \text{ for}$
shielding concrete
 $\langle Z/A \rangle = 0.50274$

E [GeV]	b_{brems}	b_{pair}	b_{nucl}	b_{tot}
2.	0.4146	0.1898	0.4495	1.0539
5.	0.5627	0.4650	0.4772	1.5049
10.	0.6837	0.6903	0.4643	1.8382
20.	0.8096	0.9316	0.4441	2.1853
50.	0.9782	1.2739	0.4218	2.6740
100.	1.1017	1.5129	0.4110	3.0257
200.	1.2188	1.7277	0.4056	3.3520
500.	1.3547	1.9509	0.4049	3.7104
1000.	1.4407	2.0771	0.4115	3.9293
2000.	1.5109	2.1678	0.4223	4.1011
5000.	1.5797	2.2463	0.4424	4.2684
10000.	1.6156	2.2832	0.4627	4.3615
20000.	1.6408	2.3067	0.4865	4.4339
50000.	1.6614	2.3253	0.5236	4.5104
100000.	1.6714	2.3330	0.5554	4.5598