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

E [GeV]	$b_{\rm brems}$	$b_{\rm pair}$	$b_{\rm nucl}$	$b_{\rm tot}$
2.	0.4146	0.1898	0.4495	1.0538
5.	0.5627	0.4650	0.4772	1.5049
10.	0.6837	0.6902	0.4643	1.8382
20.	0.8096	0.9316	0.4441	2.1852
50.	0.9782	1.2737	0.4218	2.6738
100.	1.1017	1.5128	0.4110	3.0255
200.	1.2187	1.7276	0.4056	3.3519
500.	1.3546	1.9507	0.4049	3.7103
1000.	1.4406	2.0769	0.4115	3.9290
2000.	1.5109	2.1677	0.4223	4.1009
5000.	1.5796	2.2461	0.4424	4.2682
10000.	1.6155	2.2831	0.4627	4.3613
20000.	1.6408	2.3065	0.4865	4.4338
50000.	1.6613	2.3252	0.5236	4.5102
100000.	1.6713	2.3329	0.5554	4.5596