$b(E) \times 10^6$ [$\mathrm{cm^2 g^{-1}}$] for
LMP rock for Doug
$\langle Z/A \rangle = 0.49641$

E [GeV]	b_{brems}	b_{pair}	b_{nucl}	b_{tot}
2.	0.4245	0.1948	0.4475	1.0668
5.	0.5762	0.4771	0.4752	1.5285
10.	0.7001	0.7076	0.4624	1.8701
20.	0.8288	0.9542	0.4424	2.2254
50.	1.0011	1.3041	0.4204	2.7257
100.	1.1272	1.5484	0.4097	3.0854
200.	1.2466	1.7673	0.4044	3.4183
500.	1.3851	1.9951	0.4037	3.7839
1000.	1.4727	2.1236	0.4103	4.0066
2000.	1.5442	2.2159	0.4211	4.1812
5000.	1.6140	2.2956	0.4411	4.3507
10000.	1.6504	2.3331	0.4613	4.4449
20000.	1.6760	2.3570	0.4849	4.5179
50000.	1.6968	2.3760	0.5217	4.5945
100000.	1.7068	2.3838	0.5533	4.6439