

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
baksan rock, std rock density  
 $\langle Z/A \rangle = 0.49228$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	0.4388	0.2024	0.4436	1.0848
5.	0.5954	0.4938	0.4715	1.5606
10.	0.7230	0.7310	0.4592	1.9131
20.	0.8556	0.9853	0.4395	2.2804
50.	1.0329	1.3459	0.4179	2.7967
100.	1.1626	1.5976	0.4073	3.1676
200.	1.2854	1.8270	0.4021	3.5145
500.	1.4280	2.0541	0.4015	3.8836
1000.	1.5176	2.1907	0.4080	4.1165
2000.	1.5911	2.2842	0.4187	4.2940
5000.	1.6628	2.3658	0.4385	4.4671
10000.	1.7001	2.4043	0.4585	4.5628
20000.	1.7266	2.4286	0.4818	4.6371
50000.	1.7476	2.4482	0.5182	4.7141
100000.	1.7579	2.4561	0.5494	4.7634