

$b(E) \times 10^6$  [cm<sup>2</sup>g<sup>-1</sup>] for  
lanthanum oxysulfide La<sub>2</sub>O<sub>2</sub>S  
 $\langle Z/A \rangle = 0.42706$

E [GeV]	$b_{\text{brems}}$	$b_{\text{pair}}$	$b_{\text{nucl}}$	$b_{\text{tot}}$
2.	1.2718	0.4726	0.3901	2.1345
5.	1.7537	1.4300	0.4162	3.6000
10.	2.1462	2.1742	0.4073	4.7277
20.	2.5493	2.8926	0.3878	5.8297
50.	3.0786	3.9661	0.3748	7.4195
100.	3.4569	4.6831	0.3666	8.5067
200.	3.8045	5.3234	0.3626	9.4906
500.	4.1980	5.9206	0.3627	10.4814
1000.	4.4375	6.2402	0.3684	11.0461
2000.	4.6257	6.4717	0.3774	11.4749
5000.	4.8023	6.6663	0.3942	11.8628
10000.	4.8907	6.7567	0.4109	12.0583
20000.	4.9499	6.8155	0.4304	12.1957
50000.	4.9989	6.8599	0.4607	12.3195
100000.	5.0210	6.8784	0.4866	12.3859