

**Table 003:**  $b(E) \times 10^6$  [ $\text{cm}^2\text{g}^{-1}$ ] for  
Lithium,  $Z = 3$ ,  $A = 6.941(2)$

| E [GeV] | $b_{\text{brems}}$ | $b_{\text{pair}}$ | $b_{\text{nucl}}$ | $b_{\text{tot}}$ |
|---------|--------------------|-------------------|-------------------|------------------|
| 2.      | 0.1128             | 0.0455            | 0.4906            | 0.6489           |
| 5.      | 0.1540             | 0.1172            | 0.5148            | 0.7861           |
| 10.     | 0.1895             | 0.1861            | 0.4975            | 0.8731           |
| 20.     | 0.2279             | 0.2619            | 0.4733            | 0.9631           |
| 50.     | 0.2819             | 0.3672            | 0.4474            | 1.0965           |
| 100.    | 0.3237             | 0.4462            | 0.4349            | 1.2049           |
| 200.    | 0.3635             | 0.5153            | 0.4287            | 1.3075           |
| 500.    | 0.4115             | 0.5934            | 0.4276            | 1.4325           |
| 1000.   | 0.4431             | 0.6431            | 0.4350            | 1.5213           |
| 2000.   | 0.4698             | 0.6800            | 0.4471            | 1.5970           |
| 5000.   | 0.4971             | 0.7139            | 0.4697            | 1.6807           |
| 10000.  | 0.5119             | 0.7301            | 0.4924            | 1.7344           |
| 20000.  | 0.5225             | 0.7403            | 0.5191            | 1.7819           |
| 50000.  | 0.5317             | 0.7480            | 0.5611            | 1.8409           |
| 100000. | 0.5358             | 0.7512            | 0.5973            | 1.8842           |