

**Table 042:**  $b(E) \times 10^6$  [ $\text{cm}^2\text{g}^{-1}$ ] for  
Molybdenum,  $Z = 42$ ,  $A = 95.94(2)$

| E [GeV] | $b_{\text{brems}}$ | $b_{\text{pair}}$ | $b_{\text{nucl}}$ | $b_{\text{tot}}$ |
|---------|--------------------|-------------------|-------------------|------------------|
| 2.      | 1.1943             | 0.5158            | 0.3908            | 2.1009           |
| 5.      | 1.6411             | 1.3974            | 0.4176            | 3.4560           |
| 10.     | 2.0042             | 2.0820            | 0.3989            | 4.4851           |
| 20.     | 2.3768             | 2.7552            | 0.3879            | 5.5199           |
| 50.     | 2.8668             | 3.7537            | 0.3766            | 6.9971           |
| 100.    | 3.2176             | 4.4239            | 0.3684            | 8.0099           |
| 200.    | 3.5409             | 5.0270            | 0.3645            | 8.9323           |
| 500.    | 3.9086             | 5.5889            | 0.3644            | 9.8620           |
| 1000.   | 4.1335             | 5.8909            | 0.3702            | 10.3946          |
| 2000.   | 4.3110             | 6.1108            | 0.3793            | 10.8012          |
| 5000.   | 4.4784             | 6.2960            | 0.3961            | 11.1705          |
| 10000.  | 4.5626             | 6.3823            | 0.4128            | 11.3577          |
| 20000.  | 4.6191             | 6.4385            | 0.4323            | 11.4898          |
| 50000.  | 4.6661             | 6.4810            | 0.4626            | 11.6097          |
| 100000. | 4.6874             | 6.4987            | 0.4885            | 11.6747          |