**Table 029:** $b(E) \times 10^6$ [$\mathrm{cm}^2\mathrm{g}^{-1}$] for Copper, $Z = 29$, $A$ =63.546(3)

| E [GeV] | $b_{\mathrm{brems}}$ | $b_{\mathrm{pair}}$ | $b_{\mathrm{nucl}}$ | $b_{\mathrm{tot}}$ |
|---|---|---|---|---|
| 2. | 0.8971 | 0.4187 | 0.4064 | 1.7221 |
| 5. | 1.2270 | 1.0597 | 0.4152 | 2.7019 |
| 10. | 1.4948 | 1.5611 | 0.4243 | 3.4802 |
| 20. | 1.7699 | 2.0679 | 0.4079 | 4.2457 |
| 50. | 2.1333 | 2.8113 | 0.3896 | 5.3342 |
| 100. | 2.3947 | 3.3154 | 0.3807 | 6.0908 |
| 200. | 2.6370 | 3.7729 | 0.3764 | 6.7863 |
| 500. | 2.9149 | 4.2044 | 0.3763 | 7.4956 |
| 1000. | 3.0865 | 4.4385 | 0.3823 | 7.9073 |
| 2000. | 3.2231 | 4.6101 | 0.3919 | 8.2250 |
| 5000. | 3.3532 | 4.7551 | 0.4095 | 8.5179 |
| 10000. | 3.4193 | 4.8231 | 0.4272 | 8.6696 |
| 20000. | 3.4640 | 4.8672 | 0.4478 | 8.7790 |
| 50000. | 3.5014 | 4.9009 | 0.4799 | 8.8821 |
| 100000. | 3.5186 | 4.9149 | 0.5073 | 8.9408 |