**Table 008:** $b(E) \times 10^6$ [cm$^2$g$^{-1}$] for Oxygen gas ($O_\mathbf{2}$), $Z = 8$, $A$ =15.9994(3)

| E [GeV] | $b_{\rm brems}$ | $b_{\rm pair}$ | $b_{\rm nucl}$ | $b_{\rm tot}$ |
|---:|---|---|---|---|
| 2. | 0.3130 | 0.1395 | 0.4595 | 0.9120 |
| 5. | 0.4241 | 0.3421 | 0.4869 | 1.2531 |
| 10. | 0.5153 | 0.5123 | 0.4730 | 1.5007 |
| 20. | 0.6109 | 0.6975 | 0.4519 | 1.7603 |
| 50. | 0.7400 | 0.9584 | 0.4288 | 2.1273 |
| 100. | 0.8353 | 1.1426 | 0.4176 | 2.3955 |
| 200. | 0.9263 | 1.3118 | 0.4119 | 2.6500 |
| 500. | 1.0329 | 1.4835 | 0.4111 | 2.9275 |
| 1000. | 1.1007 | 1.5881 | 0.4179 | 3.1067 |
| 2000. | 1.1567 | 1.6609 | 0.4290 | 3.2466 |
| 5000. | 1.2121 | 1.7248 | 0.4497 | 3.3866 |
| 10000. | 1.2412 | 1.7550 | 0.4706 | 3.4669 |
| 20000. | 1.2615 | 1.7741 | 0.4951 | 3.5307 |
| 50000. | 1.2788 | 1.7893 | 0.5334 | 3.6015 |
| 100000. | 1.2870 | 1.7955 | 0.5662 | 3.6488 |