**Table 315:** $b(E) \times 10^6$ [cm$^2$g$^{-1}$] for Roentgenium, $Z$ =111, $A$ =[280.164(5)]

| E [GeV] | $b_{\rm brems}$ | $b_{\rm pair}$ | $b_{\rm nucl}$ | $b_{\rm tot}$ |
|---|---|---|---|---|
| 2. | 2.6334 | 0.0102 | 0.3535 | 2.9971 |
| 5. | 3.6669 | 2.0770 | 0.3773 | 6.1212 |
| 10. | 4.5121 | 3.6914 | 0.3701 | 8.5736 |
| 20. | 5.3794 | 5.1425 | 0.3524 | 10.8742 |
| 50. | 6.5110 | 7.3952 | 0.3426 | 14.2487 |
| 100. | 7.3123 | 8.8714 | 0.3357 | 16.5194 |
| 200. | 8.0397 | 10.1702 | 0.3325 | 18.5424 |
| 500. | 8.8495 | 11.3514 | 0.3327 | 20.5336 |
| 1000. | 9.3327 | 11.9725 | 0.3378 | 21.6430 |
| 2000. | 9.7054 | 12.4177 | 0.3458 | 22.4689 |
| 5000. | 10.0477 | 12.7885 | 0.3605 | 23.1966 |
| 10000. | 10.2156 | 12.9585 | 0.3750 | 23.5492 |
| 20000. | 10.3260 | 13.0696 | 0.3920 | 23.7876 |
| 50000. | 10.4244 | 13.1514 | 0.4185 | 23.9943 |
| 100000. | 10.4566 | 13.1854 | 0.4412 | 24.0832 |