$b(E) \times 10^6$ [cm$^2$g$^{-1}$] for
heavymet in ATLAS calorimeter
$\langle Z/A \rangle = 0.40594$

| E [GeV] | $b_{\text{brems}}$ | $b_{\text{pair}}$ | $b_{\text{nucl}}$ | $b_{\text{tot}}$ |
|---|---|---|---|---|
| 2. | 1.7624 | 0.4744 | 0.3692 | 2.6061 |
| 5. | 2.4408 | 1.8329 | 0.3939 | 4.6676 |
| 10. | 2.9941 | 2.8870 | 0.3865 | 6.2676 |
| 20. | 3.5618 | 3.8758 | 0.3681 | 7.8056 |
| 50. | 4.3051 | 5.3747 | 0.3571 | 10.0370 |
| 100. | 4.8342 | 6.3670 | 0.3498 | 11.5509 |
| 200. | 5.3175 | 7.2487 | 0.3463 | 12.9125 |
| 500. | 5.8609 | 8.0583 | 0.3465 | 14.2657 |
| 1000. | 6.1887 | 8.4880 | 0.3519 | 15.0285 |
| 2000. | 6.4441 | 8.7982 | 0.3603 | 15.6026 |
| 5000. | 6.6815 | 9.0578 | 0.3759 | 16.1151 |
| 10000. | 6.7991 | 9.1778 | 0.3914 | 16.3683 |
| 20000. | 6.8772 | 9.2560 | 0.4093 | 16.5425 |
| 50000. | 6.9418 | 9.3146 | 0.4374 | 16.6938 |
| 100000. | 6.9706 | 9.3387 | 0.4613 | 16.7707 |