**Table 166:** $b(E) \times 10^6$ [$\mathrm{cm^2 g^{-1}}$] for
Gadolinium oxysulfide ($Gd_2O_2S$)
$\langle Z/A \rangle = 0.42266$

| E [GeV] | $b_{\mathrm{brems}}$ | $b_{\mathrm{pair}}$ | $b_{\mathrm{nucl}}$ | $b_{\mathrm{tot}}$ |
|---|---|---|---|---|
| 2. | 1.4107 | 0.4701 | 0.3851 | 2.2659 |
| 5. | 1.9485 | 1.5419 | 0.4109 | 3.9014 |
| 10. | 2.3869 | 2.3747 | 0.4022 | 5.1639 |
| 20. | 2.8369 | 3.1698 | 0.3831 | 6.3897 |
| 50. | 3.4272 | 4.3641 | 0.3705 | 8.1618 |
| 100. | 3.8484 | 5.1592 | 0.3624 | 9.3701 |
| 200. | 4.2347 | 5.8676 | 0.3586 | 10.4609 |
| 500. | 4.6708 | 6.5251 | 0.3586 | 11.5546 |
| 1000. | 4.9354 | 6.8759 | 0.3643 | 12.1755 |
| 2000. | 5.1426 | 7.1296 | 0.3733 | 12.6454 |
| 5000. | 5.3363 | 7.3425 | 0.3897 | 13.0685 |
| 10000. | 5.4330 | 7.4412 | 0.4060 | 13.2803 |
| 20000. | 5.4975 | 7.5055 | 0.4252 | 13.4282 |
| 50000. | 5.5509 | 7.5539 | 0.4550 | 13.5598 |
| 100000. | 5.5749 | 7.5739 | 0.4804 | 13.6293 |