References

[1] Zhao Zhixiang et al., ORNL / TM-11672, 1990

Nuclear Data Sheets Update for \( A = 195 \)

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The 1989 version of Nuclear Data Sheets for \( A = 195 \)\(^{[1]} \) has been updated mainly on the basis of the experimental results from the \( ^{198}\text{Pt}(\alpha,\gamma\text{y}) \), \( ^{195}\text{Bi} \) (from \( ^{181}\text{Ta}(^{20}\text{Ne},6\text{n}) \) and \( ^{185}\text{Re}(^{16}\text{O},6\text{n}) \) ) EC decay, \( ^{181}\text{Ta}(^{18}\text{O},\gamma\text{y}) \), \( ^{186}\text{W}(^{15}\text{N},6\gamma) \), and so on. The detailed level schemes and decay schemes, and experimental reaction and decay data on which they are based are summarized and presented for all nuclides with mass number \( A = 195 \). The experimental data are evaluated; the inconsistencies and discrepancies are noted; and adopted values for levels and their \( \gamma \)-radiations, as well as for other nuclear properties are presented. The references, spin and parity arguments, and necessary comments are given in the text.

References