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Nuclear Data Sheets for A=164

Abstract

Nuclear spectroscopic information for known nuclides of mass number 164 (Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Hf, Ta, W, Re, Os, Ir) has been evaluated and presented together with adopted energies, \( J\pi \), and decay modes of levels in these nuclei. No data are yet available for excited states in \(^{164}\text{Gd} \), \(^{164}\text{Tb} \), \(^{164}\text{Re} \), and \(^{164}\text{Ir} \). This evaluation supersedes earlier (1992Sh07, 1986Sh03, 1974Bu30) Nuclear Data Sheets for A=164.

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