

GIANT DIPOLE RESONANCE IN THE CROSS
SECTIONS FOR THE GAMMA-QUANTUM
ABSORPTION BY NUCLEI

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S u m m a r y

A survey of the results in studying the giant dipole resonance (GR) in the total cross sections for the gamma-quantum absorption by intermediate and heavy nuclei is presented showing their up-to-date status. A systematization of experimental GR parameters is given, and their evolution dependent of the nucleus mass is considered. The development of theoretical approaches for the comprehensive description of the $E1$ -giant resonance is illustrated.