

AVERAGE RESONANCE PARAMETERS
OF Ni AND Zn NUCLEI

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S u m m a r y

The complete sets of average resonance parameters S_0 , S_1 , R'_0 , R'_1 , and $S_{1,3/2}$ for nickel and zinc nuclei with a natural isotope composition have been obtained. They were determined by analyzing the average experimental differential cross-sections of low-energy neutron elastic scattering with the help of a method developed by the authors. The analysis of obtained results, recommended parameters, and some literary data has been carried out. The conclusion has been made that the recommended values of the parameter S_1 are underestimated by a factor of two for both nuclei concerned.