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AVERAGE RESONANCE PARAMETERS OF RUTHENIUM AND PALLADIUM NUCLEI

Full sets of the average resonance parameters S_0 , S_1 , R_0' , R_1' , $S_{1,3/2}$ for ruthenium and palladium nuclei with natural mixture of isotopes are determined by means of the method designed by authors. The determination is realized from analysis of the average experimental differential cross sections of neutron elastic scattering in the field of energy before 440 keV. The analysis of recommended parameters and of some of the literary data had been performed also.

Keywords: average resonance parameters, ruthenium and palladium nuclei, neutron elastic scattering.