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AVERAGE RESONANCE PARAMETERS OF ZIRCONIUM AND MOLYBDENUM NUCLEI

Full sets of average resonance parameters S_0 , S_1 , R_0' , R_1' , $S_{1,3/2}$ for zirconium and molybdenum 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. Analysis of recommended parameters and some of the literary data had been performed also.

Keywords: average resonance parameters, zirconium and molybdenum nuclei, neutron elastic scattering.