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DEPENDENCE OF RESONANCES PARAMETERS FROM MASS NUMBER

Results of some previous investigations concerning definition of full sets of average resonances parameters S_0 , S_1 , R_0' , R_1' , $S_{1,1/2}$, $S_{1,3/2}$ for nuclei $^{47,9}\text{Ti}$, $^{55,8}\text{Fe}$, $^{58,7}\text{Ni}$, $^{65,4}\text{Zn}$, $^{72,6}\text{Ge}$, ^{79}Se , $^{91,2}\text{Zr}$, $^{95,9}\text{Mo}$, $^{101,1}\text{Ru}$, $^{106,4}\text{Pd}$, ^{106}Cd , ^{108}Cd , ^{110}Cd , ^{112}Cd , ^{116}Cd , ^{116}Sn , ^{118}Sn , ^{120}Sn , ^{122}Sn , ^{124}Sn , $^{127,6}\text{Te}$, $^{144,2}\text{Nd}$ has been presented and the place of these sets in the existing system of recommended parameters has been shown.

Keywords: resonances parameters, nuclei, recommended parameters.