

**INVESTIGATION OF ISOMER RATIOS YIELDS FOR ^{109}Pd AND ^{112}In NUCLEUS FOR E1-GIANT
RESONANCE RANGE IN (γ, n) -REACTIONS**

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Within 9 - 18 MeV energy range the dependence of isomer yield ratios and cross-sections on gamma-quanta energy in the $^{110}\text{Pd}(\gamma, n)^{109\text{m,g}}\text{Pd}$ and $^{113}\text{In}(\gamma, n)^{112\text{m,g}}\text{In}$ reactions have been studied. The experimental results are compared with those calculated within the framework of cascade-evaporation model.