INVESTIGATION OF EXCITATION OF HIGH SPINS ISOMERS IN $^{190}\text{Ir},~^{196}\text{Au}$ IN $(\gamma,n)\text{-REACTION}$

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Isomeric yield ratios in ¹⁹⁰Ir, ¹⁹⁶Au have been measured in (γ , n)-reaction for some values of the endpoint energies of bremmsstrahlung photons in the range 12 ÷ 22 MeV. Calculation has been performed using modified cascading-evaporating model and has been compared with experimental data. Statistical nature of reactions with γ -rays has been shown.