

EXCITATION CROSS-SECTION
FOR THE ISOMERIC STATE OF ^{127}Te NUCLEUS
IN THE (γ, n) REACTION IN THE 9–20 MeV
ENERGY INTERVAL

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S u m m a r y

The energy dependences of the cross-sections and the isomeric yield ratios for the reaction $^{128}\text{Te}(\gamma, n)^{127}\text{Te}$ in the (9–20)-MeV interval have been studied. The obtained experimental data are compared with the results of theoretical calculations carried out with the use of the TALYS-1.2 software package.