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GAMMA RAY PROPERTIES FROM ^{70}AS NUCLEUS

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ABSTRACT

Multipole mixing ratios **(δ)** for gamma transition populated in ^{70}As from **^{70}Ge (p,nγ)** reaction have been studied by least square fitting method (**LSF**)**,** also transition strength **[M(EL,ML)]^2** for pure gamma transitions have been calculated taking into accunte the mean life time for these levels **.**

KEYWORDS: Multipole Mixing Ratios, Least Square Fitting Method, Angular Distribution, **^{70}Ge** (**p,nγ**)**,** Transition Strength, Gamma Width