

Study of the production of high-spin isomers in fragmentation reaction of ^{58}Ni and ^{59}Co beams at 350 MeV/u

Giant monopole resonance of high spin isomer are one of the most attractive topics in the view of the resonance energy by comparing these energy of the isomer with ground state.

To achieve high beam intensity and isomer ratio for the GMR experiment, we need to optimize some parameter in the fragmentation reaction.

In this report, we will show the result and discussion of the angular momentum transfer dependence of linear momentum distribution with changing the momentum transfer and initial spin in the projectile fragmentation.

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