

¹⁵²Pm-2

The 13.8 m isomer of ¹⁵²Pm was first observed in 1971 by W.R.Daniels and D.C.Hoffman at Los Alamos National Laboratory, Los Alamos, New Mexico ([1971Da19](#)). This isomer is not included in the NUBASE2020 evaluation ([2021Ko07](#)) stating that it was not confirmed by Yamamoto et al. ([1977Ya07](#)). However, Yamamoto et al. observed three γ rays with half-lives of about 18 m. Also, the isomer is listed in the second edition of the Atlas of nuclear isomers ([2023Ga02](#)).

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