

⁶²Ge

Mohar et al. first observed ⁶²Ge in the 1991 paper “Identification of new nuclei near the proton-dripline for $31 \leq Z \leq 38$ ” ([1991Mo10](#)). A 65 A·MeV ⁷⁸Kr beam produced by the Michigan State K1200 cyclotron reacted with an enriched ⁵⁸Ni target. ⁶²Ge and ⁶³Ge were identified by measuring the rigidity, ΔE , E_{total} , and velocity in the A1200 fragment separator. “Several new isotopes at or near the proton-drip line are indicated in the mass spectra: ⁶¹Ga, ⁶²Ge, ⁶³Ge, ⁶⁵As, ⁶⁹Br, and ⁷⁵Sr.”

Adapted from reference ([2012Gr19](#))

[1991Mo10](#) M. F. Mohar, D. Bazin, W. Benenson, D. J. Morrissey *et al.*, Phys. Rev. Lett. **66**, 1571 (1991).

[2012Gr19](#) J. L. Gross and M. Thoennessen, At. Data Nucl. Data Tables **98**, 983 (2012).

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