

⁶⁸Ge

Hopkins et al. reported the observation of ⁶⁸Ge in the 1948 paper “Nuclear reactions of arsenic with 190-Mev deuterons” (1948Ho04). A pure ⁷⁵As target was bombarded with 190 MeV deuterons from the Berkeley 184-inch cyclotron. The resulting activities were measured with an argon-filled Geiger-Müller counter following chemical separation. The observed half-life of 250 d was listed in a table. The 195 d half-life from the literature listed in the table were quoted from the 1944 Table of Isotopes (1944Se01) which had assigned this half-life to ⁶⁹Ge based on a measurement by Mann who had tentatively assigned it to ⁶⁷Ge (1938Ma01).

Adapted from reference (2012Gr19)

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Please cite this abstract as: “FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:10.11578/frib/2279152”