^{70}Se

In the 1950 paper "Spallation Products of Arsenic with 190 MeV Deuterons" Hopkins identified the isotope ^{70}Se (1950Ho26). A pure ^{75}As target was bombarded with 190 MeV deuterons from the Berkeley 184-inch cyclotron and chemically separated and subjected to spectrographic analysis. "Table 1 contains two changes in isotope assignment differing from those previously reported. The 44-min. selenium and 52-min. arsenic daughter are placed at mass 70 since careful separations revealed no active germanium daughter." In a previous paper the activity was incorrectly assigned to ^{71}Se (1948Ho04).

Adapted from reference (2012Gr02)

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