^{12}Be

Poskanzer et al. discovered ^{12}Be in 1966 in "New Isotopes: ^{11}Li, ^{14}B, and ^{15}B" (1966Po09). Uranium foils were bombarded with 5.3 GeV protons from the Berkeley Bevatron. Phosphorus-diffused silicon transmission detectors were used in a telescope consisting of an energy-loss, energy, and rejection detector to identify the isotopes. "In fact, the assignment of an (11.4±0.5)-msec delayed neutron activity to ^{12}Be on the assumption that ^{11}Li was particle unstable must be re-examined... In any event, the particle stability of both ^{11}Li and ^{12}Be is established in the present data." The incorrect half-life quoted refers to a previous paper (1965Po03).

Adapted from reference (2012Th01)

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