^{97}Rb

In 1969, the article "Delayed neutron emission probabilities of Rb and Cs precursors. The half-life of ^{97}Rb" by Amarel et al. described the first observation of ^{97}Rb (1969Am01). Protons accelerated to 150 MeV by the Orsay synchrocyclotron bombarded ^{238}U targets. ^{97}Rb was identified with an on-line mass spectrometer and $^{10}BF_3$ neutron counters. "The rubidium isotope of mass 97 has been identified as a precursor and its period (0.135 sec) determined through observation of the delayed neutrons."

Adapted from reference (2012Pa21)

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