^{232}Ra

The discovery of ^{232}Ra was reported by Ahmad et al. in the 1983 paper "Determination of nuclear spins and moments in a series of radium isotopes" (1983Ah03). A UC_2 target was bombarded with 600 MeV protons from the CERN synchrocyclotron. Products were mass separated and cw laser spectroscopy techniques were used. "Isotope shifts in the mass range A = 208-232 have also been measured."

Adapted from reference (2013Fr09)

1983Ah03 S. A. Ahmad, W. Klempt, R. Neugart, E. W. Otten *et al.*, Phys. Lett. B **133**, 47 (1983).

2013Fr09 C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 497 (2013).

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