^{249}Md

Eskola discovered ^{249}Md in the 1973 paper "Studies of mendelevium isotopes with mass numbers 248 through 252" (1973Es01). ^{12}C and ^{13}C beams with a maximum energy of 10.4 MeV/u from the Berkeley heavy-ion linear accelerator bombarded ^{241}Am and ^{243}Am targets. Recoil products were transported with a rapid flowing helium gas onto a wheel which periodically rotated in front of a series of Si-Au surface barrier detectors. "In bombardments of the ^{241}Am target with ^{12}C ions two new α activities were observed: a 8.32-MeV, 7-sec activity assigned to ^{248}Md, and a 8.03-MeV, 24-sec activity which was also observed in bombardments of ^{243}Am with ^{12}C ions and which was assigned to ^{249}Md."

Adapted from reference (2013Th02)

1973Es01 P. Eskola, Phys. Rev. C **7**, 280 (1973).
2013Th02 M. Thoennessen, At. Data Nucl. Data Tables **99**, 312 (2013).

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