^{209}Hg

In 1998, Zhang et al. reported the discovery of ^{209}Hg in "Neutron-rich heavy residues and exotic multinucleon transfer" (1998Zh22). A lead target was bombarded by a 50 MeV/nucleon ^{18}O beam from the Heavy Ion Research Facility at the Institute of Modern Physics in Lanzhou, China. The isotopes were separated online with a gas-thermochromatographic device and γ-β coincidences were recorded. "^{209}Hg was created through an exotic $-$2p3n multinucleon transfer process and was identified for the first time." It should be noted that Zhang submitted the results simultaneously to a separate journal (1998Zh19).

Adapted from reference (2011Me01)

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