^{192}Re

In "Désintégration du rhénium 192" Blachot et al. reported the observation of ^{192}Rh in 1965 (1965Bl12). An enriched ^{192}Os target was irradiated with 14−15 MeV neutrons produced at the Grenoble 400 kV accelerator. ^{192}Re was identified by measuring γ-ray spectra with a NaI(Tl) scintillator. "Étude par spectrométrie γ du rhénium 192 produit par la réaction nucléaire ^{192}Os(n,p)^{192}Re avec des neutrons de 14−15 MeV. Le spectre γ de désexcitation de ^{192}Os a été mis en évidence ainsi que la période $T_{1/2} \sim 6.2\pm0.8$ s du ^{192}Re." [^{192}Re produced in the nuclear reaction ^{192}Os(n,p)^{192}Re with 14−15 MeV neutrons was studied by γ-spectroscopy. A half-life of $T_{1/2} \sim 6.2\pm0.8$ s for ^{192}Re was identified by the γ-spectrum of the ^{192}Os deexcitation.]

Adapted from reference (2012Ro36)

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