

¹⁹⁴Hf

Fukuda et al. reported the discovery of ¹⁹⁴Hf in the 2026 article “First Observation of Twenty-two Exotic Isotopes Using a ²⁰⁸Pb Primary Beam at RIBF” ([2026Fu06](#)). A 345-MeV/nucleon ²⁰⁸Pb from the RI Beam Factory at RIKEN in Japan, impinged on 2–5 mm thick Be targets and resulting fragments were separated and identified with the large-acceptance two-stage BigRIPS separator “Consequently, a total of 17 new neutron-rich isotopes were identified for the first time in this study: ¹⁷⁹Ho, ^{181,182}Er, ^{184–186}Tm, ^{188,189}Yb, ¹⁹¹Lu, ^{193,194}Hf, ^{195,196}Ta, ^{198,199}W, and ^{200,201}Re.”

[2026Fu06](#) N. Fukuda, S. Michimasa, H. Suzuki, Y. Shimizu *et al.*, Prog. Theor. Exp. Phys. **2026**, 061D01 (2026).

Please cite this abstract as: “FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:[10.11578/frib/2279152](https://doi.org/10.11578/frib/2279152)”