^{191}Lu

Fukuda et al. reported the discovery of ^{191}Lu in the 2026 article "First Observation of Twenty-two Exotic Isotopes Using a ^{208}Pb Primary Beam at RIBF" (2026Fu06). A 345-MeV/nucleon ^{208}Pb from the RI Beam Factory at RIKEN in Japan, impinged on 2−5 mm think 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: $^{179}_{67}$Ho, $^{181,182}_{68}$Er, $^{184-186}_{69}$Tm, $^{188,189}_{70}$Yb, $^{191}_{71}$Lu, $^{193,194}_{72}$Hf, $^{195,196}_{73}$Ta, $^{198,199}_{74}$W, and $^{200,201}_{75}$Re."

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

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