^{156}Hf

"Alpha decay studies of very neutron deficient isotopes of Hf, Ta, W, and Re" was published in 1979 by Hofmann et al. describing the observation of ^{156}Hf (1979Ho10). Targets of ^{103}Rh, ^{nat,108,110}Pd, and ^{107,109}Ag were bombarded with beams of ^{58}Ni from the GSI UNILAC linear accelerator. Evaporation residues were separated with the high-velocity SHIP separator. "The correlation method gave a half life of (25±4) ms for ^{156}Hf and an alpha branching ratio of 100% (>81%)." Previously only an upper limit of 30 ms was reported for the half-life of ^{156}Hf (1965Ma14).

Adapted from reference (2012Gr19)

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