^{174}Ir

In the paper entitled "Alpha-active iridium isotopes", Siivola described the discovery of ^{174}Ir in 1967 (1967Si02). The Berkeley Hilac accelerated ^{19}F beams to 105−185 MeV which bombarded enriched targets of ^{162}Er, ^{164}Er, and ^{166}Er. Alpha spectra were measured with a Au-Si surface barrier counter at the end of a continuously operating recoil collection apparatus. Alpha-decay energies and half-lives are listed in a table. The half-life was measured as 4.0(10) s for ^{174}Ir.

Adapted from reference (2012Ro36)

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