

^{175}Ir

In the paper entitled “Alpha-active iridium isotopes”, Siivola described the discovery of ^{175}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 measured half-life for ^{175}Ir was 4.5(10) s.

Adapted from reference ([2012Ro36](#))

[1967Si02](#) A. Siivola, Nucl. Phys. A **92**, 475 (1967).

[2012Ro36](#) R. Robinson and M. Thoennessen, At. Data Nucl. Data Tables **98**, 911 (2012).

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