^{60}Ga

In the 1995 article "New isotopes from ^{78}Kr fragmentation and the ending point of the astrophysical rapid-proton-capture process" Blank et al. reported the discovery of ^{60}Ga (1995Bl06). A 73 MeV/nucleon ^{78}Kr beam bombarded a nickel target (1995Bl06) at GANIL. ^{60}Ga was produced via projectile fragmentation and identified with the SISSI/LISE facility by measuring the time-of-flight through the separator and the ΔE-E in a silicon detector telescope. A lower limit for the half-life was established, "We find clear evidence for ^{60}Ga, ^{64}As, ^{69,70}Kr, and ^{74}Sr."

Adapted from reference (2012Gr19)

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