

⁶⁰Cr

The first tentative identification of ⁶⁰Cr was reported in 1980 by Breuer et al., and the new isotope was reported in their paper “Production of neutron-excess nuclei in ⁵⁶Fe-induced reactions” (1980Br26). A beam of ⁵⁶Fe ions with an energy of 8.3 MeV/u from the Berkeley SuperHILAC bombarded ²⁰⁹Bi and ²³⁸U targets and products of this reaction were identified with a ΔE-E time-of-flight detector placed 118 cm from the target. “In addition, tentative identification of six additional nuclides (⁵⁶Ti, ^{57–58}V, ⁶⁰Cr, ⁶¹Mn, and ⁶³Fe) is reported.”

Adapted from reference (2012Ga06)

1980Br26 H. Breuer, K. L. Wolf, B. G. Glagola, K. K. Kwiatkowski *et al.*, Phys. Rev. C **22**, 2454 (1980).

2012Ga06 K. Garofali, R. Robinson, and M. Thoennessen, At. Data Nucl. Data Tables **98**, 356 (2012).

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