

## $^{190}\text{W}$

In 1976, Haustein et al. observed  $^{190}\text{W}$  for the first time and they reported it in “New neutron-rich isotope:  $^{190}\text{W}$ ” (1976Ha39). The protons were accelerated by the Brookhaven linac injector of the alternating gradient synchrotron and the neutron irradiations were performed in the MEIN facility. “A new neutron-rich isotope,  $^{190}\text{W}$ , was produced by  $^{192}\text{Os}(n,2pn)^{190}\text{W}$  (25-200 MeV neutrons) and by  $^{192}\text{Os}(p,3p)^{190}\text{W}$  (92 MeV protons).” The half-life was shown to be 30.0(15) m.

Adapted from reference (2010Fr08)

1976Ha39 P. E. Haustein, E. M. Franz, S. Katcoff, N. A. Morcos *et al.*, Phys. Rev. C **14**, 645 (1976).

2010Fr08 A. Fritsch, J. Q. Ginepro, M. Heim, A. Schuh *et al.*, At. Data Nucl. Data Tables **96**, 315 (2010).

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