

¹⁹⁰Ir

In the paper “Radioactive isotopes of Re, Os, and Ir”, Goodman and Pool from Ohio State University described their discovery of ¹⁹⁰Ir in 1947 ([1947Go01](#)). ¹⁹⁰Ir was produced in (d,n) reactions on osmium and (n,2n) reactions on iridium. Decay curves were measured following chemical separation. “Since the 10.7-day period has been made by fast neutrons on iridium and by Os(d,n) and has not been found with slow neutrons or with deuterons on iridium, the activity is therefore ascribed to Ir¹⁹⁰.”

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

- [1947Go01](#) L. J. Goodman and M. L. Pool, Phys. Rev. **71**, 288 (1947).
[2012Ro36](#) R. Robinson and M. Thoennessen, At. Data Nucl. Data Tables **98**, 911 (2012).

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