

## <sup>184</sup>Ir

Baranov et al. reported the first identification of <sup>184</sup>Ir in the 1960 article “New iridium and platinum isotopes: Ir<sup>184</sup> and Pt<sup>187</sup>” (1960Ba43). <sup>184</sup>Ir was produced by bombarding a gold target with 660 MeV protons from the Dubna JINR synchrocyclotron and identified with a Danysz type  $\beta$ -spectrometer following chemical separation. “We discovered a new iridium isotope - Ir<sup>184</sup> - with a period of  $3.1 \pm 0.3$  hrs.” A few months later Diamond et al. independently reported a half-life of 3.2(2) h (1961Di04).

Adapted from reference (2012Ro36)

- 1960Ba43 V. I. Baranov, K. Ya. Gromov, B. S. Dzhelepov, Z. C. Bai *et al.*, Columbia Tech. Transl. **24**, 1086 (1961).  
1961Di04 R. M. Diamond, J. M. Hollander, D. J. Horen, and R. A. Naumann, Nucl. Phys. **25**, 248 (1961).  
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