

## <sup>190</sup>Pt

<sup>190</sup>Pt was first reported by Duckworth from the Scott Laboratory at Wesleyan University in Middletown, Connecticut in “A New Stable Isotope of Platinum” (1949Du16) in 1949. Platinum isotopes were produced in an ion source and detected and analyzed by a double-focusing mass spectrograph. “With a spark between a platinum-iridium and a copper electrode a faint line appeared at mass 190 after an exposure of three hours. The electrodes were replaced by pure platinum electrodes. With an hour’s exposure the faint 190 appeared. Similarly with two platinum electrodes of commercial purity the line at 190 was clearly visible after an hour’s exposure.”

Adapted from reference (2011Am01)

1949Du16 H. E. Duckworth, R. F. Black, and R. F. Woodcock, Phys. Rev. **75**, 1438 (1949).

2011Am01 S. Amos, J. L. Gross, and M. Thoennessen, At. Data Nucl. Data Tables **97**, 383 (2011).

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