

## <sup>193</sup>Au

<sup>193</sup>Au was observed by Wilkinson at the University of California at Berkeley in 1948, as reported in “Some Isotopes of Platinum and Gold” (1948Wi01). Helium and deuteron beams of the 60-inch Crocker Laboratory cyclotron bombarded iridium and platinum targets, respectively. Half-lives were measured following chemical separation. A 15.8 h half-life was assigned to <sup>193</sup>Au, because “a half-life for Au<sup>193</sup> longer than 16 hours and of the order of days might have been expected from consideration of the stability of isotopes of elements of odd Z in this region, but since the allocation of Pt<sup>193</sup> seems reliable, the gold parent has been allocated similarly.”

Adapted from reference (2010Sc35)

1948Wi01 G. Wilkinson, Phys. Rev. **73**, 252 (1948).

2010Sc35 A. Schuh, A. Fritsch, J. Q. Ginepro, M. Heim *et al.*, At. Data Nucl. Data Tables **96**, 307 (2010).

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