

^{286}Cn

^{286}Cn has not been discovered yet. In 2007, Hofmann et al. (2016Ho09) argued that ^{286}Cn is not populated by α -decay from ^{290}Fl . In 2023, Saamark-Roth et al. (2023Sa03) presumed an *alpha*-decay chain originating in ^{290}Fl changing the earlier interpretation by the same research group: “Therefore, it cannot be incorporated in the main decay sequence of ^{289}Fl , while an assignment to ^{290}Fl is unfavored based on the half-life of the terminating fission” (2023Co04). However, ultimately the assignment was not deemed to be correct: “Here, the optional assignment of one Fl-decay chain to start from ^{290}Fl was also presented but disfavored based on the lifetime of the terminating fission” (2023Sa03).

- 2016Ho09 S. Hofmann, S. Heinz, R. Mann, J. Maurer *et al.*, Eur. Phys. J. A **52**, 180 (2016).
2023Co04 D. M. Cox, A. Saamark-Roth, D. Rudolph, L. G. Sarmiento *et al.*, Phys. Rev. C **107**, L021301 (2023).
2023Sa03 A. Saamark-Roth, D. M. Cox, D. Rudolph, L. G. Sarmiento *et al.*, Phys. Rev. C **107**, 024301 (2023).

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