^{236}Cm

Khuyagbaatar et al. described the discovery of ^{236}Cm in the 2010 article "The new isotope ^{236}Cm and new data on ^{233}Cm and ^{237,238,240}Cf" (2010Kh06). ^{240}Cf was produced in the fusion evaporation reactions with ^{36}S beams and ^{204,206,207}Pb targets at the UNILAC of GSI and separated and identified with the velocity filter SHIP. ^{236}Cm was populated by subsequent α decay. "Analysis of the time distribution of ^{236}Cm events following those of ^{240}Cf resulted in a half-life of 6.8±0.8 min.

2010Kh06 J. Khuyagbaatar, F. P. Hessberger, S. Hofmann, D. Ackermann *et al.*, Eur. Phys. J. A **46**, 59 (2010).

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