^{131}Cs

"Disintegration by consecutive orbital electron capture $_{56}$Ba^{131} $\rightarrow$ $_{55}$Cs^{131} $\rightarrow$ $_{54}$Xe^{131}" was published in 1947 by Yu et al. documenting the observation of ^{131}Cs (1947Yu01). ^{131}Cs was formed by β-decay following neutron capture on barium and identified following chemical separation. "The $_{55}$Cs^{131} decays with a period of 10$\pm$0.3 days, emitting highly converted gamma-rays of 145$\pm$10 kev energy." The experiment was most likely performed at Oak Ridge National Laboratory.

Adapted from reference (2012Ma48)

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