# $^{104}$Sn

In the 1985 article "First Identification of $\gamma$ Rays in the $\beta^+$/EC decay of $^{104,105}$Sn" Deneffe et al. reported the observation of $^{104}$Sn (1985De08). $^{104}$Sn was formed with the CYCLONE cyclotron at Louvain-la-Neuve using 210 MeV $^{20}$Ne beam particles of 210 MeV bombarding a $^{92}$Mo target. The isotopes were separated and identified with the LISOL isotope separator. "The $\beta^+$/EC decay of mass-separated $^{104}$Sn and $^{105}$Sn isotopes was studied by x-ray and $\gamma$-ray singles, as well as by x$-\gamma$ and $\gamma-\gamma$ coincidences."

Adapted from reference (2011Am01)


1985De08 K. Deneffe, E. Coenen, M. Huyse, P. Van Duppen *et al.*, J. Phys. G **11**, L59 (1985).

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