

β -delayed γ -ray Spectroscopy of Neutron-rich Ru Isotopes Below ^{132}Sn

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The beta-delayed gamma-ray spectroscopy of neutron-rich Ru isotopes is investigated at the Radioactive Isotope Beam Factory of RIKEN. The beta-decay schemes of these nuclei are established with the use of prompt-prompt and prompt-delayed gamma-gamma-coincidence measurement by EURICA γ -ray detection array. The systematic trends of low-lying states and their implications on single-particle orbit and shape evolution far below ^{132}Sn will be discussed.

Presentation type

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