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

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The β -delayed γ -ray spectroscopy of neutron-rich Ru isotopes is investigated at the Radioactive Isotope Beam Factory of RIKEN. The β -decay schemes of these nuclei are established with the use of prompt-prompt and prompt-delayed γ - γ -coincidence measurement by EURICA γ -ray detection array [1]. The systematic trends of low-lying states and their implications on single-particle orbit and shape evolution far below ^{132}Sn will be discussed.

References

[1] P.-A. Söderström et al., Nucl. Instr. Meth. Phys. Res., Sect. B 317, 649 (2013).

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