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Beta-decay spectroscopy measurements of $^{136,137,138}\text{Sb}$

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Level schemes of the neutron-rich nuclei $^{136,137,138}\text{Sb}$ have been constructed from beta- and beta-n decay data gathered during the EURICA campaign.

Decay schemes were constructed from ion-beta-gamma coincidence events and these are the first reports of excited states in $^{137,138}\text{Sb}$ and the first level

scheme of ^{136}Sb derived from beta-decay data. With only one proton beyond the $Z=50$ shell closure, information on the structure of the $N>82$ Sb nuclei provides

key data allowing the evolution of nuclear structure from single-particle states to those with a more fragmented structure to be followed.

Results on P_n values and beta-decay half-lives will also be presented.

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