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Beta- and beta-n decay Spectroscopy of $^{131-134}\text{Sn}$

Wednesday, 7 September 2016 14:10 (25 minutes)

Beta and beta-n decay spectroscopy of the parent $^{131-136}\text{In}$ nuclei has been performed within the EURICA campaign.

This had the aim of studying the semi-magic Sn nuclei, whose single-particle (seniority) structure forms a sensitive test of

the ingredients of shell-model calculations. Level schemes of $^{131-134}\text{Sn}$ will be presented and comments made about inconsistencies and anomalies present in the literature. Suggestions for measurements to be performed

within the B-RIKEN campaign will be made.

Presenter: Dr SIMPSON, Gary (LPSC, Université Joseph Fourier Grenoble)

Session Classification: Neutron-rich nuclei