

High resolution spectroscopy beyond ^{132}Sn

Thursday, 11 April 2019 17:30 (15 minutes)

We will be considering to propose experiments to clarify the anomalous structures in the neutron rich nuclei around and beyond ^{132}Sn in continuation of our previous study.

One of the interests is the decoupling between proton and neutron motion in the low-lying excited states of the nuclei around ^{132}Sn . The other is the evolution of collectivity along $Z \sim 50$ towards $N \sim 90$. We are considering more comprehensive study including higher excited states and odd-mass nuclei by using high resolution apparatus.

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Session Classification: Proposals