

High resolution spectroscopy beyond ^{132}Sn

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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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