

Proton induced reactions for exploring structure of neutron rich nuclei

Thursday, 21 February 2013 14:30 (20 minutes)

For the previous PAC meetings we submitted proposals to study the structure of neutron rich nuclei via proton inelastic scattering and nucleon removal reactions. Availability of a new hydrogen target and the MINOS setup may trigger the resubmission of the proposals.

At one of the first PAC meetings we proposed the study of odd nuclei below the N=50 shell closure to get

Based on our results obtained on the enhanced cross section of excitation of states in ^{27}F we proposed to

A similar proposal has also been submitted for exploration of the region beyond ^{132}Sn , where some times a

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Session Classification: Approved and Upgrade Experiments