

COLLAPS 2012 - Status and Outlook

Monday 17 December 2012 15:25 (30 minutes)

Since the 1st April this year six experiments have been conducted by the COLLAPS collaboration using 76.5 shifts of ISOLDE online time. During the year experiments with Ca, neutron deficient Cd, neutron rich Cd, neutron rich K, biomedical- β -NMR with Mg, and finally Mn have been completed successfully. Preliminary results from these experiments will be presented covering aspects of physics ranging from the nature of the N=32 sub shell closure to the feasibility of online β -NMR in liquid samples. Future directions for these studies will be considered and the technical requirements reviewed.

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Session Classification: Light nuclei