

RCNP mini workshop

Hunting Super Deformed States in Light Nuclei

We are going to have a RCNP mini workshop discussing the super deformed(SD) states in light nuclei. In the measurements of alpha particle inelastic scattering at extremely forward angles performed at RCNP there observed excited levels seemingly consisting a member of super deformed band in ^{32}S . In this workshop we are going to freely discuss the possibility to find the SD band in light nuclei. Everyone who is interested in this kind of work is invited to this mini workshop.

Date : December 17, 2009 13:30-17:30

Place: Discussion room in 3F of RCNP

Schedule

13:30-14:30

1) On the super deformed states in light nuclei(30min. Talk+30 min. discussion)

K.Matsuyanagi (RIKEN and YITP)

14:40-15:40

2)Experimental search for SD bands in light nuclei(30min. Talk +30min. discussion)

E.Ideguchi (CNS, Univ. of Tokyo)

15:50-16:50

3)Possible SD states observed in alpha particle inelastic scattering at zero deg.

(30min.Talk +30min. discussion) M.Itoh(CYRIC, Tohoku Univ.)

17:00-17:30

4) Comments on the SD band measurements

U.Garg (Univ. of Notre Dame) and other participants

Organizer of the mini workshop

H. Sakaguchi and M. Fujiwara (RCNP)