SAIP2010



Contribution ID: 195

Type: Presentation

Possible chirality in 195Tl, associated with a three quasiparticle configuration.

The level scheme of 195Tl was studied and a few new transitions, belonging to a possible chiral partner band, were found. The measured B(M1)/B(E2) ratios for the partner bands show similarities, in accordance with possible chiral nature. A measurement of the gamma ray intensities is in progress.

Primary author: Mr MOHAMMED, Hussam (iThemba LABS - UCT)

Presenter: Mr MOHAMMED, Hussam (iThemba LABS - UCT)

Track Classification: Track B - Nuclear, Particle and Radiation Physics