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Type: Oral Presentation

Reaction mechanisms studied using the iThemba LABS recoil detector

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Abstract content
 (Max 300 words)

The iThemba LABS recoil detector has been used to study exotic asymmetric shapes in Po and U isotopes. In these studies other reaction products which were not expected to be observed according to PACE (Projected Angular Momentum Coupled Evaporation) calculation were strongly populated. These products are as a result of other reaction mechanisms other than complete fusion reaction. The presentation will discuss the unexpectedly observed nuclei and the proposed reaction mechanisms leading to their creation.

Apply to be
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 award (Yes / No)?

No

Level for award
 (Hons, MSc,
 PhD)?

N/A

Would you like to
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 Pro-ceedings (Yes / No)?

yes

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