NIC XII - Satellite workshop on r-process nucleosynthesis

Contribution ID: **15** Type: **not specified**

Nuclear Dynamics of the Freezeout Phase of the r Process

Saturday, 4 August 2012 14:30 (30 minutes)

The classical (n,gamma)-(gamma,n) phase of r-process nucleosynthesis is well understood. Less well understood is the complex freezeout phase during which the last of the free neutrons are consumed. I present some calculations using simplified nuclear physics to help characterize the r-process freezeout.

Primary author: Prof. MEYER, Bradley (Clemson University)

Presenter: Prof. MEYER, Bradley (Clemson University)

Session Classification: Simulations