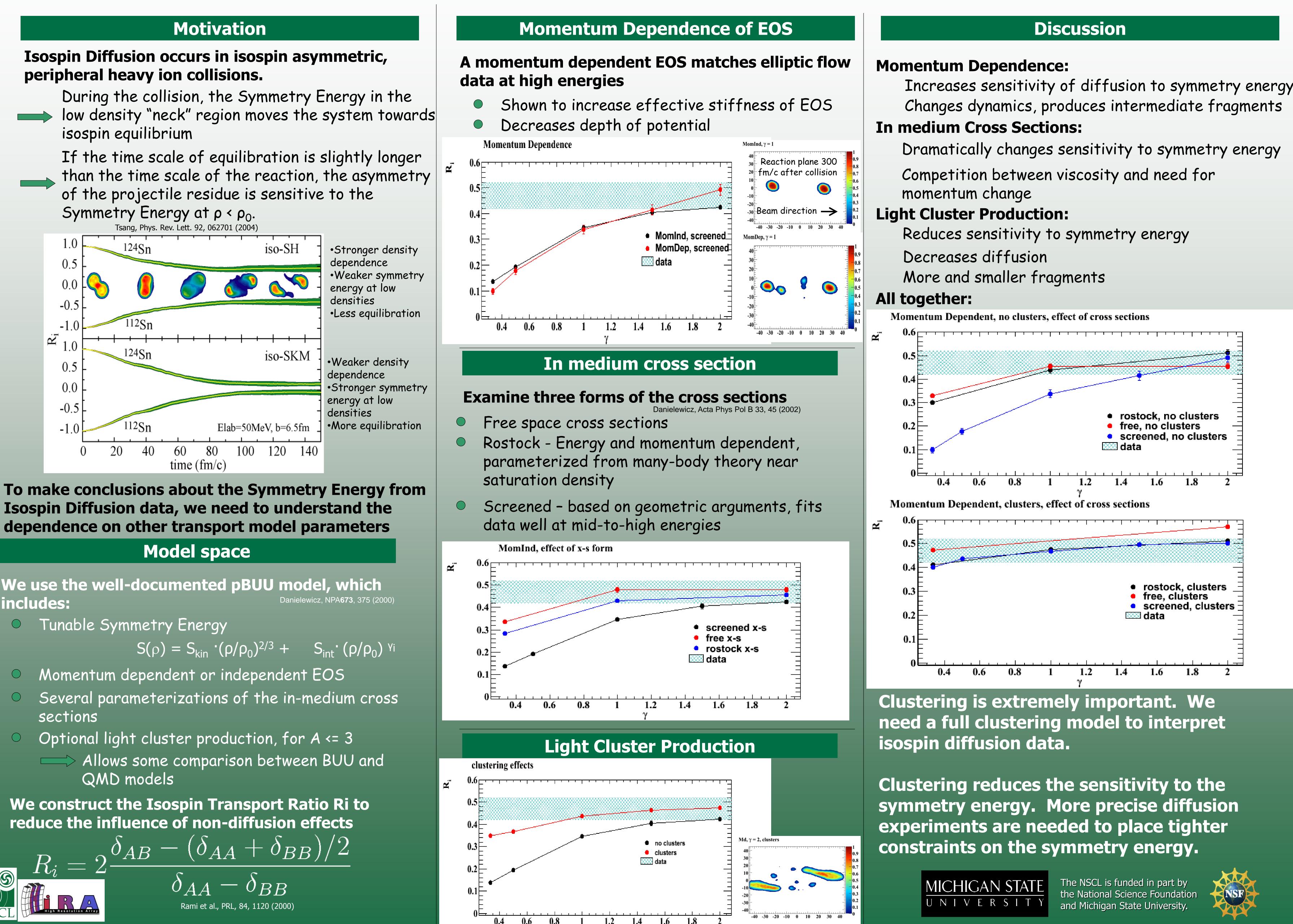
Isospin Diffusion occurs in isospin asymmetric, peripheral heavy ion collisions.





Isospin Diffusion data, we need to understand the dependence on other transport model parameters

We use the well-documented pBUU model, which includes:

$$S(\rho) = S_{kin} \cdot (\rho/\rho_0)^{2/3} + S_{int} \cdot (\rho/\rho_0)^{2/3}$$

- sections
- Optional light cluster production, for A <= 3

We construct the Isospin Transport Ratio Ri to reduce the influence of non-diffusion effects



The influence of transport variables on isospin transport ratios

Daniel Coupland, William Lynch, Pawel Danielewicz, and Betty Tsang