Observable consequences

- **Macroscopic properties:**
  - Neutron star radii, moments of inertia and central densities.
  - Maximum neutron star masses and rotation frequencies.

These equations of state differ only in their density dependent symmetry terms.

\[ S_{\text{pot}}(\rho) = \text{const.} \cdot F(u); u = \rho / \rho_0 \]

- These equations of state differ only in their density dependent symmetry terms.
- Clear sensitivity to the density dependence of the symmetry terms.