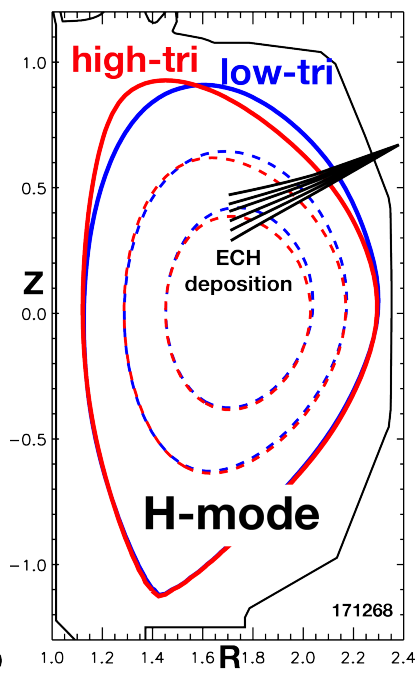
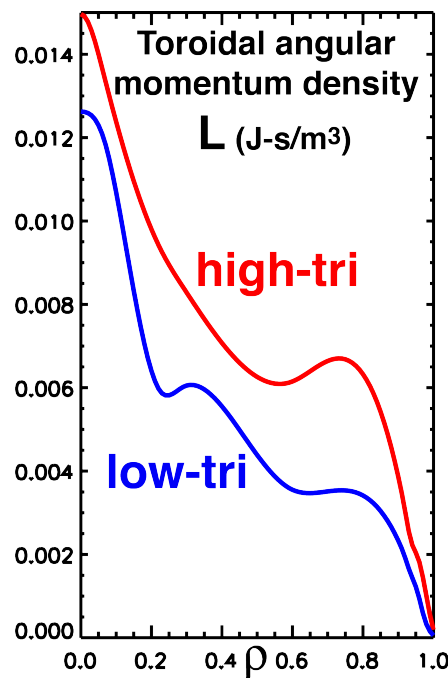
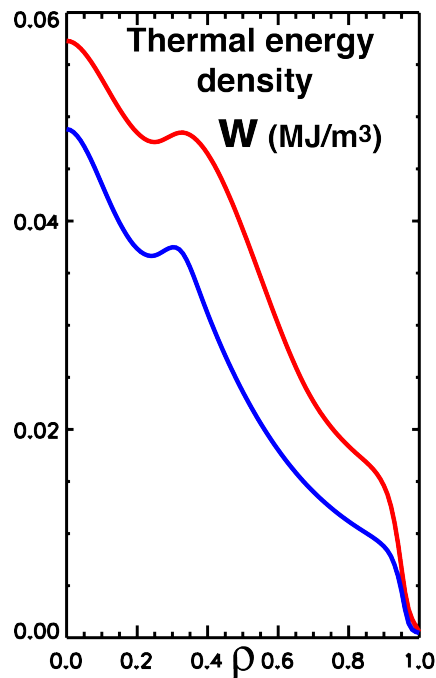


# Intrinsic Rotation probed by modifying energy and momentum transport parameters with shape in DIII-D

- Modulate triangularity
- Varies energy confinement
- Intrinsic toroidal angular momentum also increases with triangularity.
- Correlation of energy and intrinsic momentum transport tightly coupled.



- The measured intrinsic toroidal velocity in the confinement region,  $0.6 < \rho < 0.85$ , follows the dimensionless DIII-D empirical scaling [1].

$$\frac{V_{\phi}}{V_{Alfvén}} = \beta_N \rho^*$$

