

Anomalous Transport in High Beta Poloidal DIII-D Discharges

- High beta poloidal DIII-D discharge 154406 is analyzed using MMM7.1 model
 - Weiland component for ITG/TEM modes produces reasonable amount of transport, but fails to reproduce ITB observed in the electron channel of transport
 - ExB flow shear is found to have a small effect on the anomalous transport
 - Stabilization effect from Shafranov shift has a dominating effect
 - Additional analysis of modes that drive anomalous transport in the ITB region is needed
 - KBM, interchange modes, other modes?
 - Rafiq component for drift resistive ballooning modes requires improvements for high beta poloidal discharges

