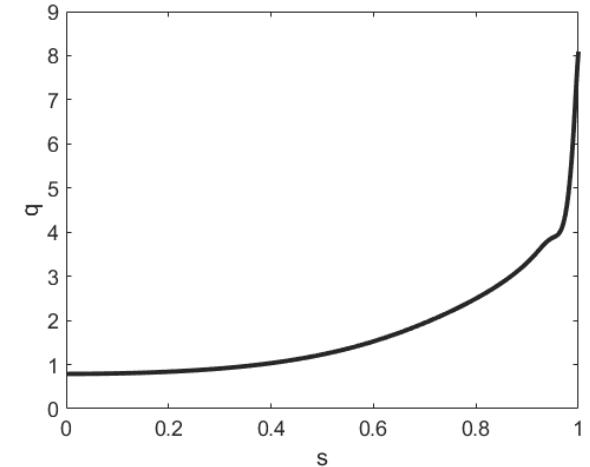
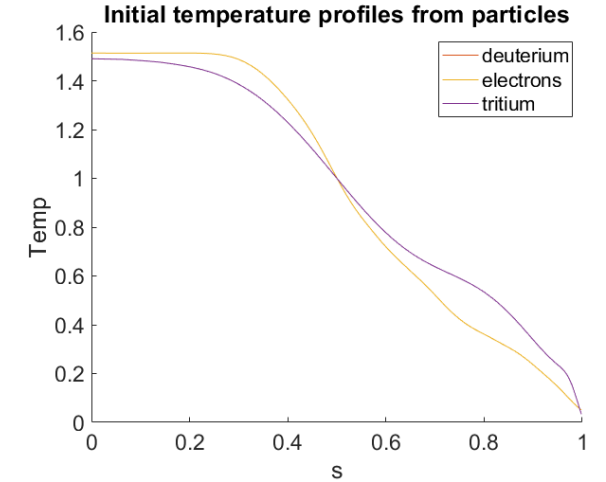
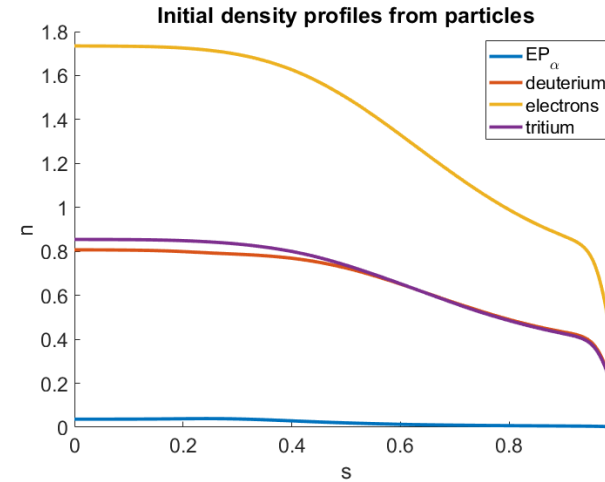


DT + EP in JET #99896 update

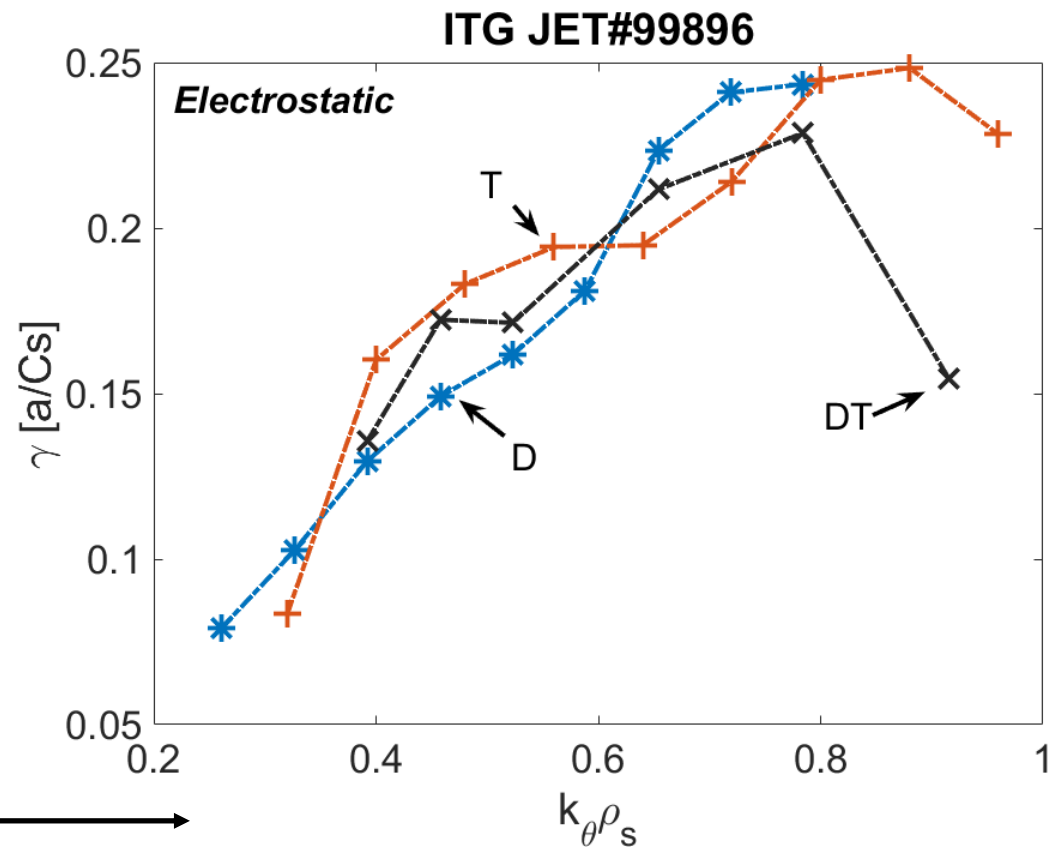
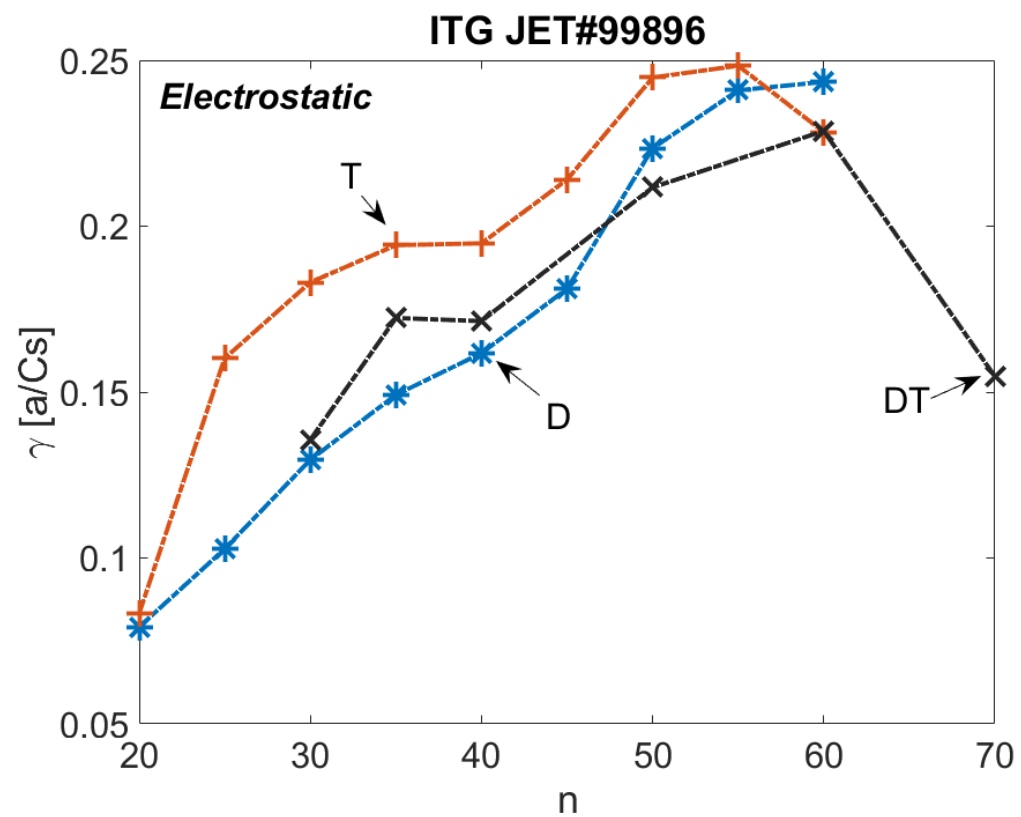
EPFL - SPC - Baruch Rofman

System and simulation parameters

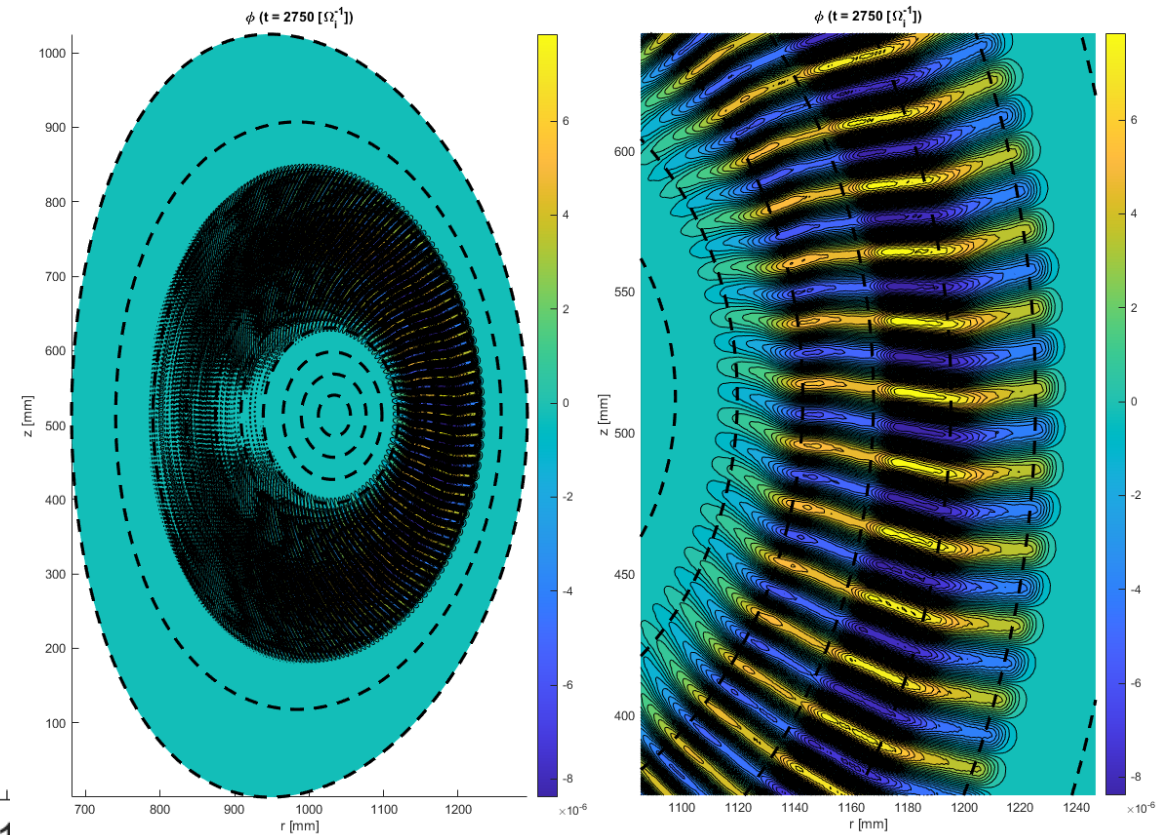
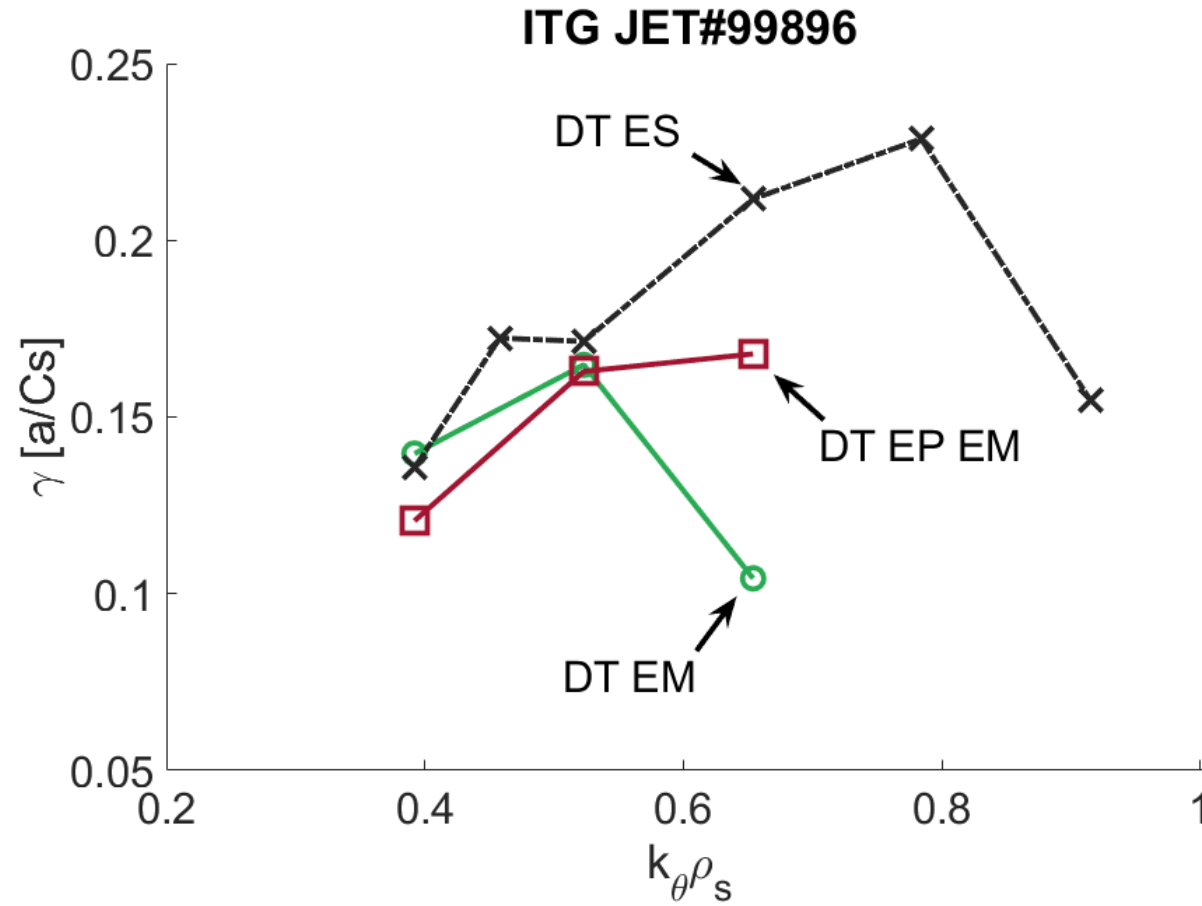
- Linear, single n
- System parameters
 - $a = 0.917 \text{ m}$
 - $R = 3.101 \text{ m}$
 - $B_0 = 2.802 \text{ T}$
- $\rho_D^* = \frac{1}{306} (lx = 612)$; $\rho_T^* = \frac{1}{250} (lx = 500)$; $\rho_{DT}^* = \rho_D^*$
- $\beta_{ORB5} = 0.0025$
- $\frac{m_e}{m_i} = 1000$
- All species treated as gyrokinetic (electrons a kinetic)
- EP fraction = 0.01
- **Inconsistent MHD equilibrium**



ITG ES



ITG EM



TAE attempts – so far no go

