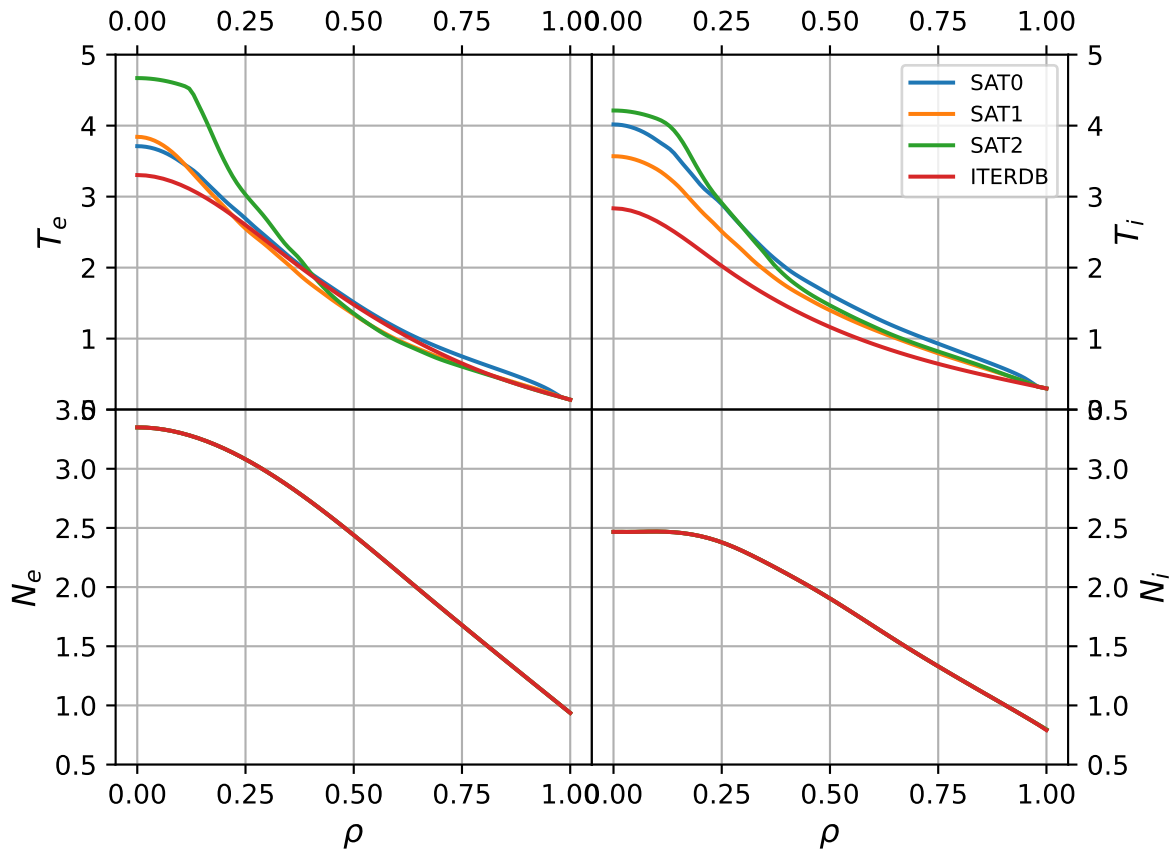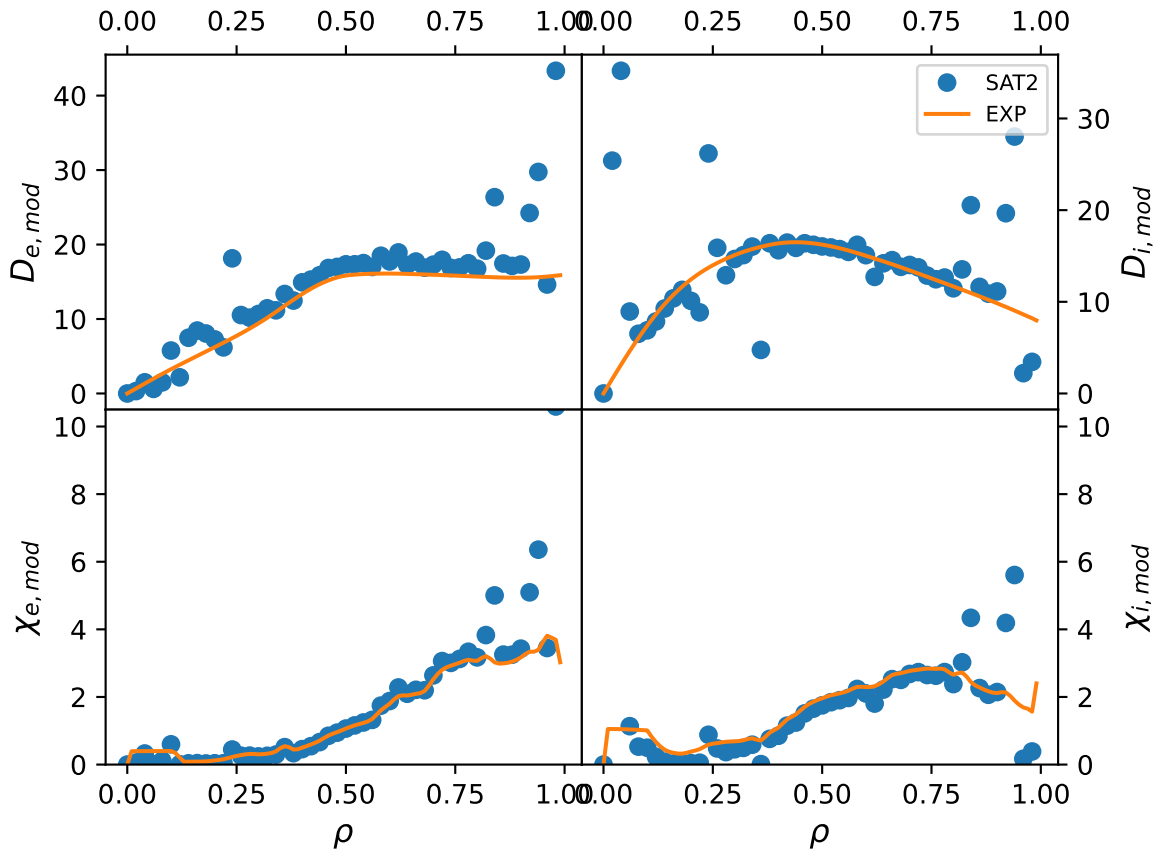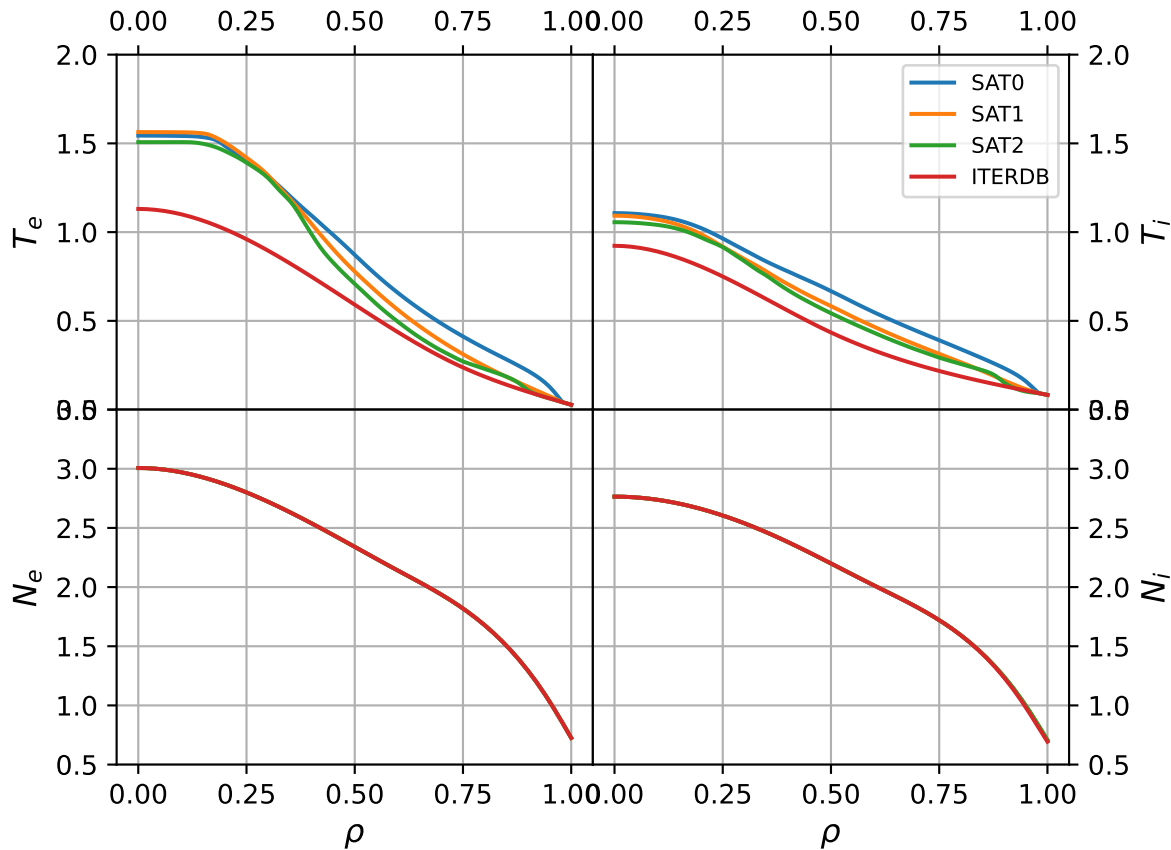Plasma Profiles for DIII-D 090752 using TGLF(SAT0,SAT1,SAT2)
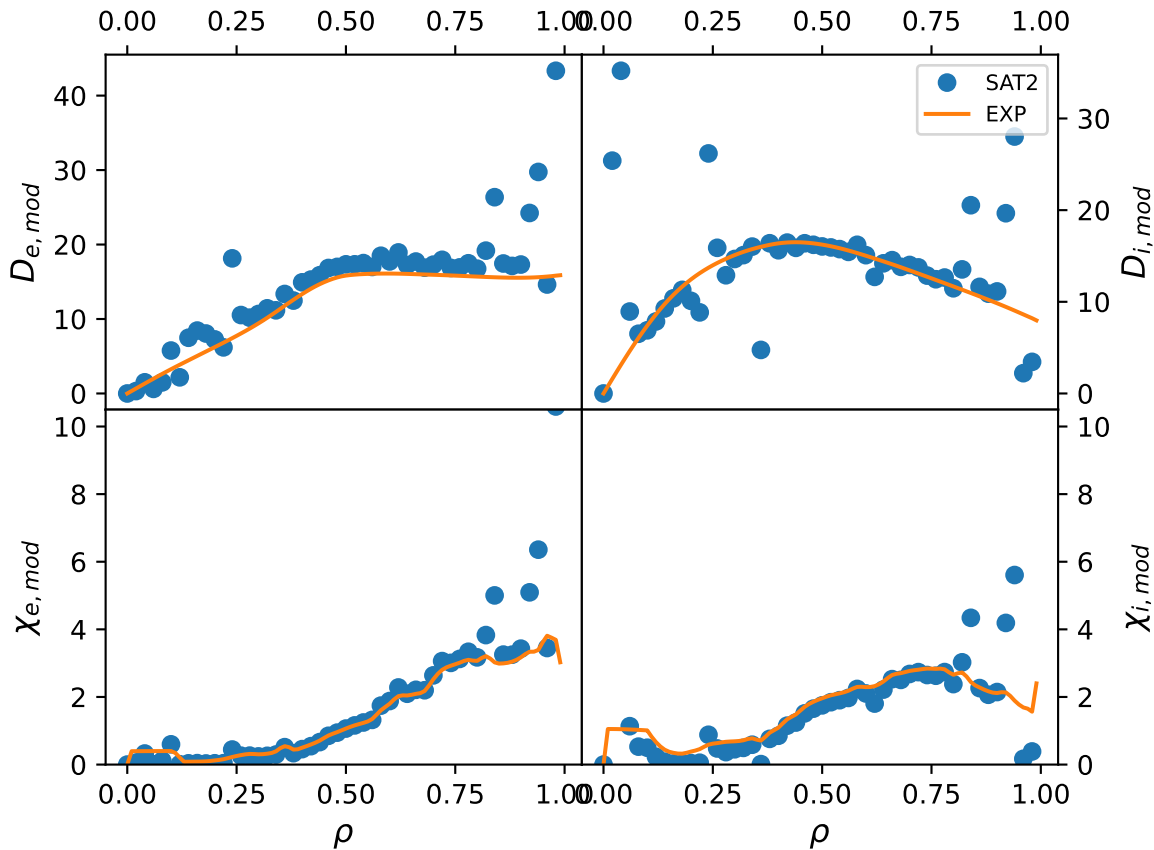
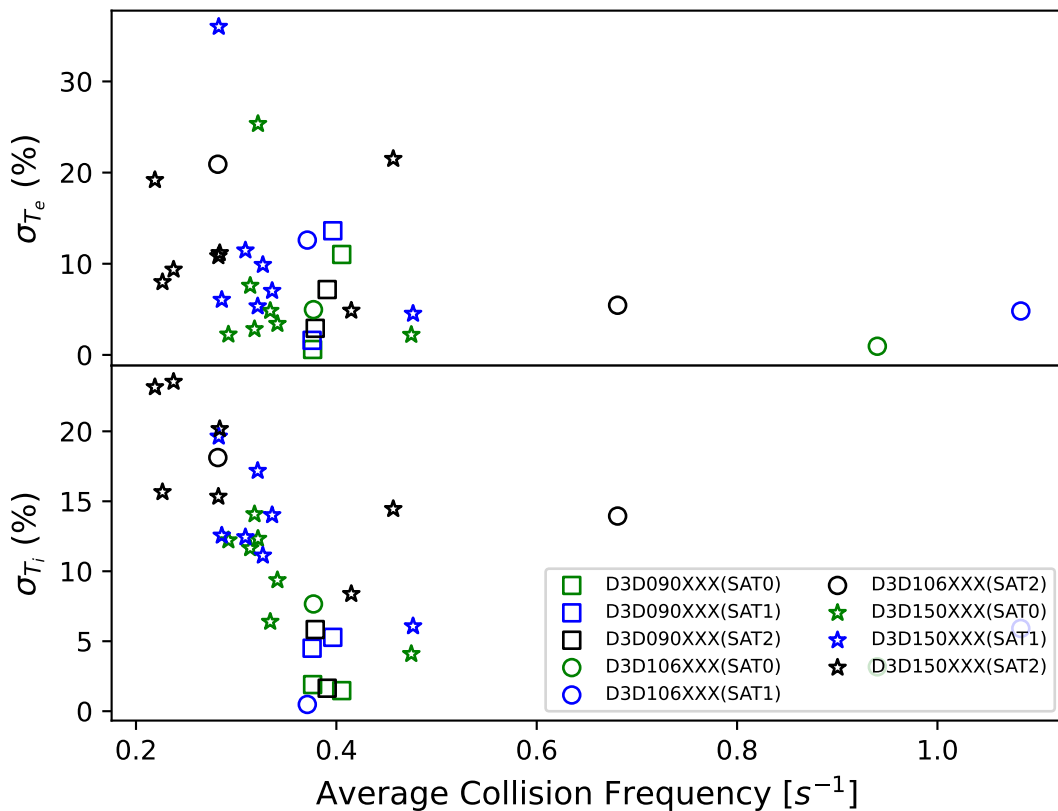Power Balance for DIII-D 090752 using TGLF(SAT2)

Plasma Profiles for DIII-D 090765 using TGLF(SAT0,SAT1,SAT2)
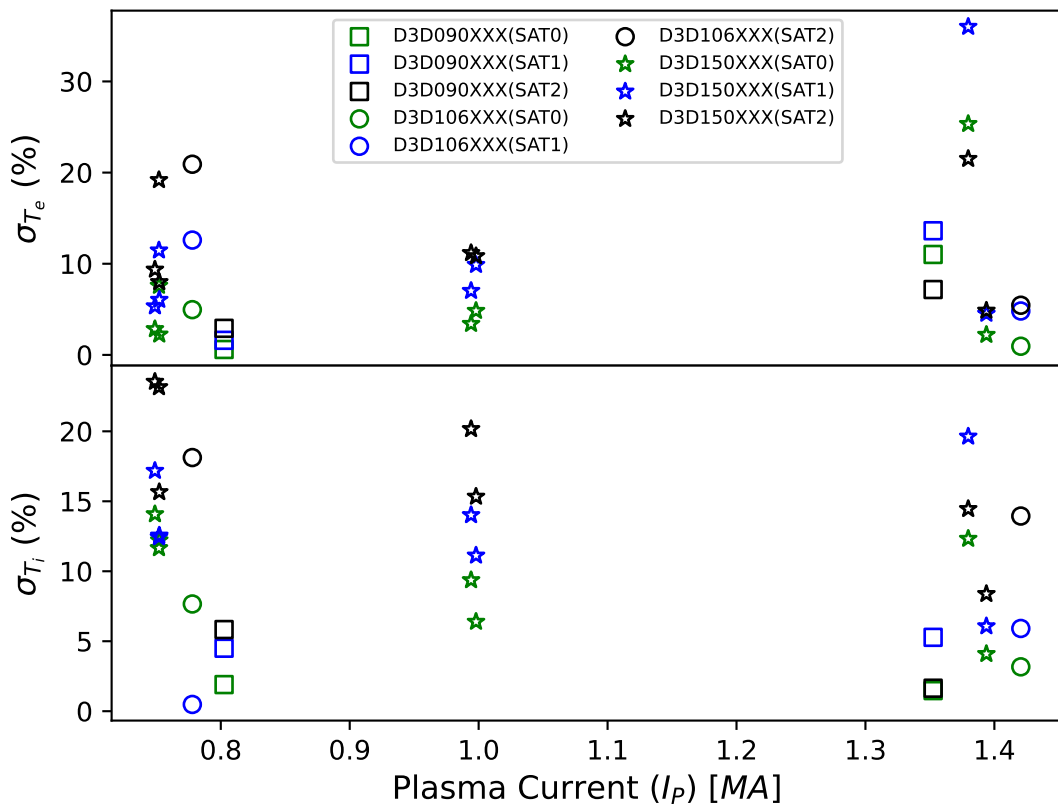
Power Balance for DIII-D 090752 using TGLF(SAT2)

Errors in Modeling Temperature Profiles using TGLF(SAT0,SAT1,SAT2)

Legend:
- □ D3D090XXX(SAT0)
- □ D3D090XXX(SAT1)
- □ D3D090XXX(SAT2)
- ○ D3D106XXX(SAT0)
- ○ D3D106XXX(SAT1)
- ○ D3D106XXX(SAT2)
- ★ D3D150XXX(SAT0)
- ★ D3D150XXX(SAT1)
- ★ D3D150XXX(SAT2)

Errors in Modeling Temperature Profiles using TGLF(SAT0,SAT1,SAT2)

Legend:
- D3D090XXX(SAT0)
- D3D090XXX(SAT1)
- D3D090XXX(SAT2)
- D3D106XXX(SAT0)
- D3D106XXX(SAT1)
- D3D106XXX(SAT2)
- D3D150XXX(SAT0)
- D3D150XXX(SAT1)
- D3D150XXX(SAT2)

Top panel y-axis: σ_{T_e} (%)

Bottom panel y-axis: σ_{T_i} (%)

x-axis: Plasma Current (I_P) [MA]

Separatrix Density vs. Line-Average Density