

TGLF Validation for DIII-D Discharge #106740

Line-Average Density vs Separatrix Density SCALE SION = 0.11.6 SCALE SION = 0.2SCALE SION = 0.41.4 SCALE SION = 0.6SCALE SION = 0.81.2 SCALE SION = 1.0Ne, sep, sim/Ne, sep, exp SCALE SION = 1.2SCALE SION = 1.41.0 SCALE SION = 1.6SCALE SION = 1.88.0 $SCALE_SION = 2.0$ **EXPERIMENT** 0.6 0.4 0.2 0.0 0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0

 $\bar{N}_{e, sim}/N_{e, sep, exp}$



















