

Outline 1

- Experimental results
 - Show profile data, reconstructions w/MSE
 - Briefly describe diagnostics used
 - Radial position of T_e ITB, T_i ITB compared with positions of maximum V_ϕ ($E \times B$ shear) and minimum magnetic shear \hat{s}
 - Tanh/spline fitted data summarizing ITB profiles
 - Profile fitting using tanh and/or splines
 - R/L vs \hat{s}
 - R/L vs $R/L_{V\phi}$
 - vs. q to address q vs shear

Outline 2

- High-k data with zero/positive or negative shear
 - 114cm (inside ITB), 120cm (upper knee), 124cm (steepest gradient), 134cm (outside q_{\min})
 - High-k asymmetric power vs. shear and vs. R/L_{Te}
- High-k contours/spectra for single shots with RS transition
- RF-only T_e ITB with no $E \times B$ shear with/without $-\hat{s}$
 - Show high-k data. No examples of T_e -ITB without $-\hat{s}$
 - Examples of T_i -ITB with velocity shear alone
- Persistence of fluctuations, low/zero gradient cases?
- Briefly discuss stability, $\beta(\text{local})$ limited?
 - Rational q_{\min} surfaces?
- Any reflectometer low-k fluctuation results?

Outline 3

- TRANSP results (without / **with RF**)
 - Show χ_e with and without ITB/ $-\hat{s}$
 - Does χ_e change with increased RF power?
- GS2 linear studies
 - Compare ITG suppression with ETG suppression
 - $\omega_{ITG} < \omega_{ExB}$ suppression of ITG is a linear effect
 - Is ETG suppression via $-\hat{s}$ linear or non-linear?
 - $(R/L_{Te} - R/L_{TeCrit})$ vs. χ_e (TRANSP)
 - Confirms or refutes Jenko, Dorland PRL
- **GS2 nonlinear results would be welcomed**