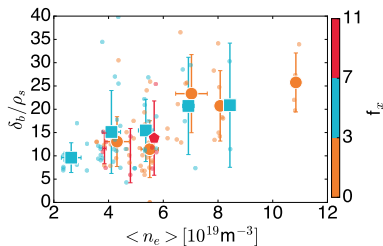*On Filamentary Transport in the TCV Tokamak: Addressing the Role of the Parallel Connection Length*



· Filament size increase with $\langle n_e \rangle$ in TCV Ohmic discharges

· The trend does not exhibit dependence on flux expansion $f_x$

· Density scale length $\langle \lambda_n \rangle$ scale with

$$\Theta = \left( \frac{\delta_b R^{1/5}}{L_\parallel^{2/5} \rho_s^{4/5}} \right)^{5/2}$$

i.e. $\lambda_n$ depends on blob size.
Weak dependence on $L_\parallel$