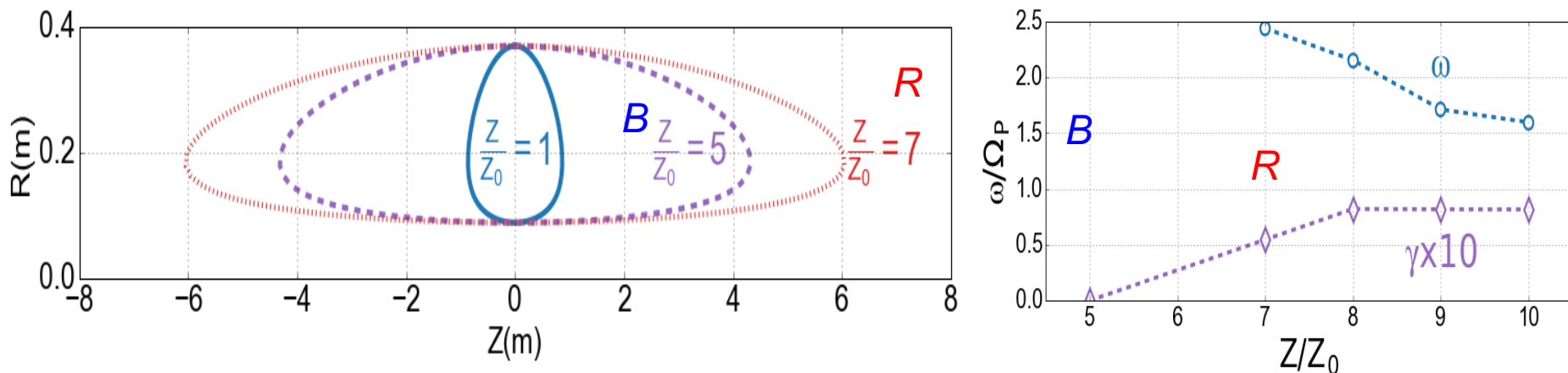


No Ion Scale **Instabilities** Found in FRC Core by GTC Simulations

- **No instabilities** found for $R/L_n < 5$ (limit of $L_n \sim \rho_i$)

Can find **instability** only by removing electron kinetic effects or by artificial elongation of core equilibrium:



- Experiment detects **small** core fluctuations.

Possible reasons:

- Core is locally **stable** but **turbulence can spread from SOL**