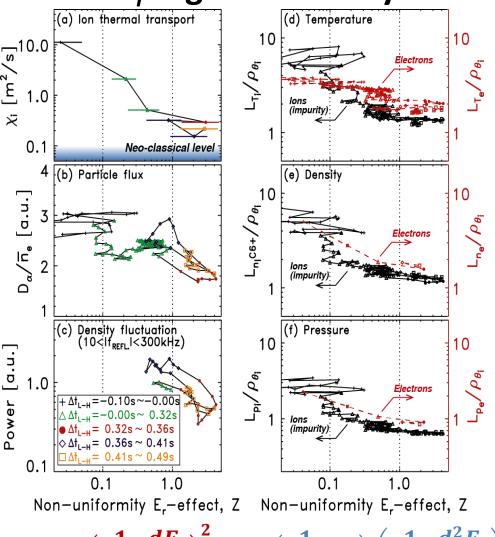
A new model of criterion for turbulence suppression:

 $[(k\rho_i)^{-2}Z \ge 1]$ will lead to a better understanding of how the E_r regulates the system for each transport channel.



- \bigcirc Z~0.1 regime: the anomalous transport of ion energy (e.g. $k\rho_i$ ~0.1-0.3) is suppressed.
- ② Intermediate Z (up to ~1) regime: the electrons one stays unchanged (or becomes large).
- 3 Z≥1 regime: Effective in enhancing particle and electron energy transport, having higher wave numbers (e.g. $k\rho_i$ ≥1).

