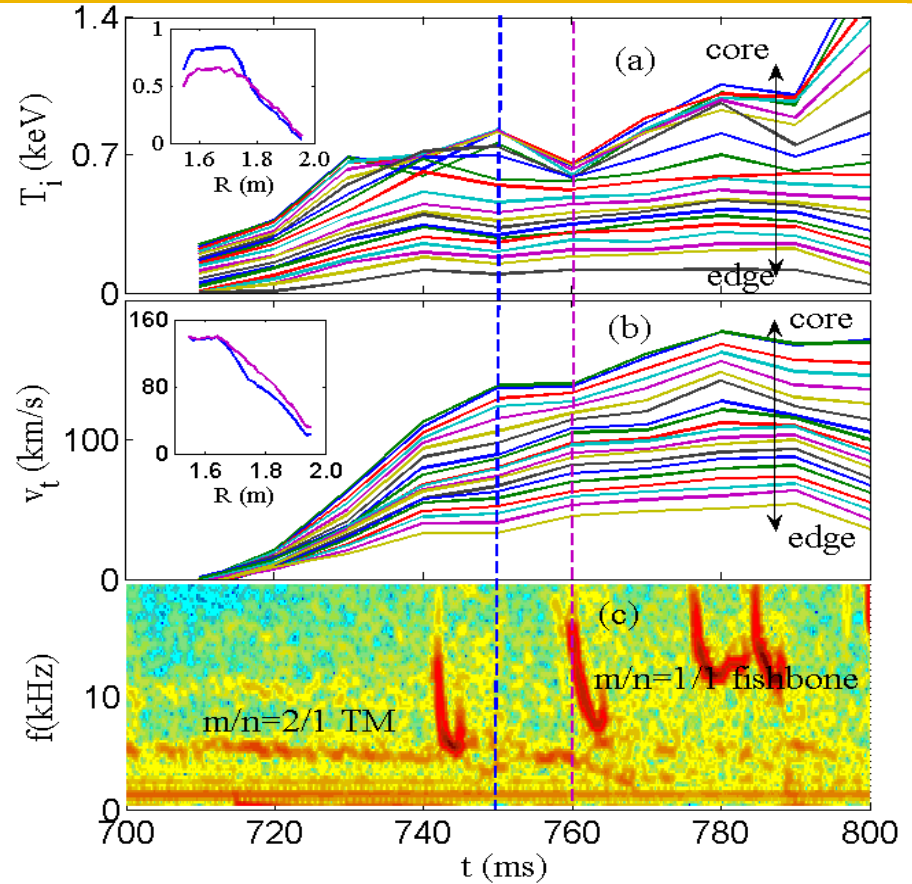
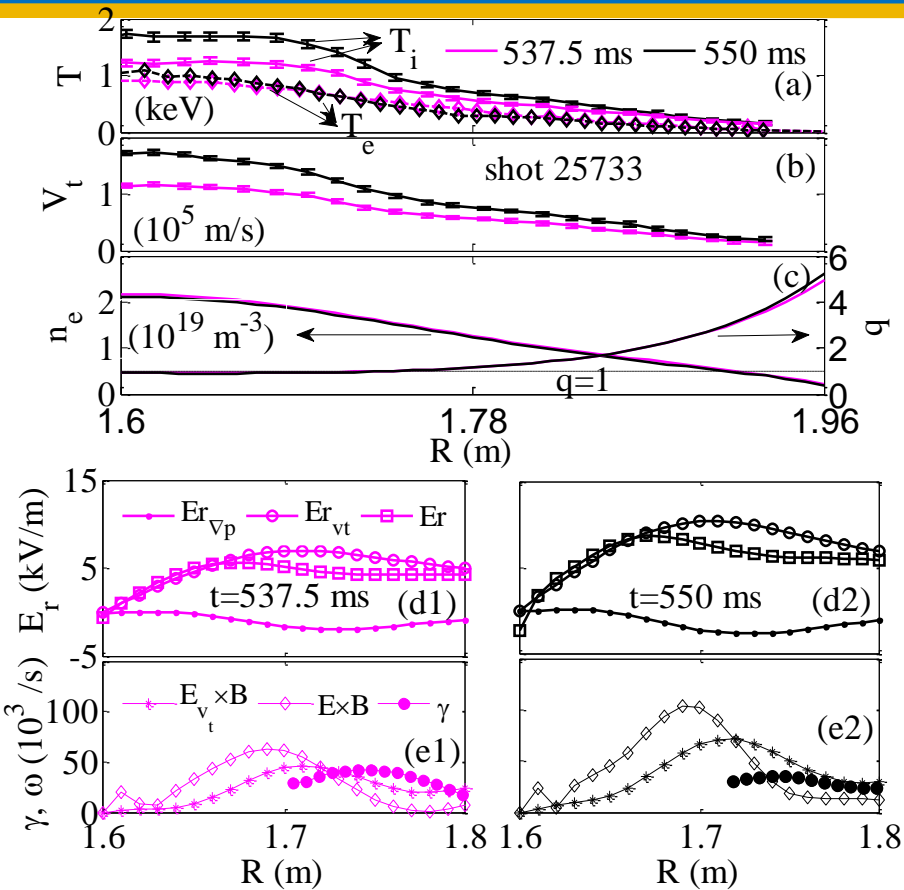


# Mechanisms of the iTB formation on HL-2A



- ◆ The toroidal rotation term dominates the  $E_r$ ;
- ◆ The overall flow shear ( $\omega_{E \times B}$ ) rate is higher than the maximum ITG growth  $\gamma$  inside the maximum  $T_i$  ( $v_t$ ) gradient regions.

- ◆  $m/n=2/1$  mode can be effectively influenced by  $m/n=1/1$  mode (fishbone);
- ◆ The iTB formation is closely related to  $m/n=2/1$  mode suppression.

