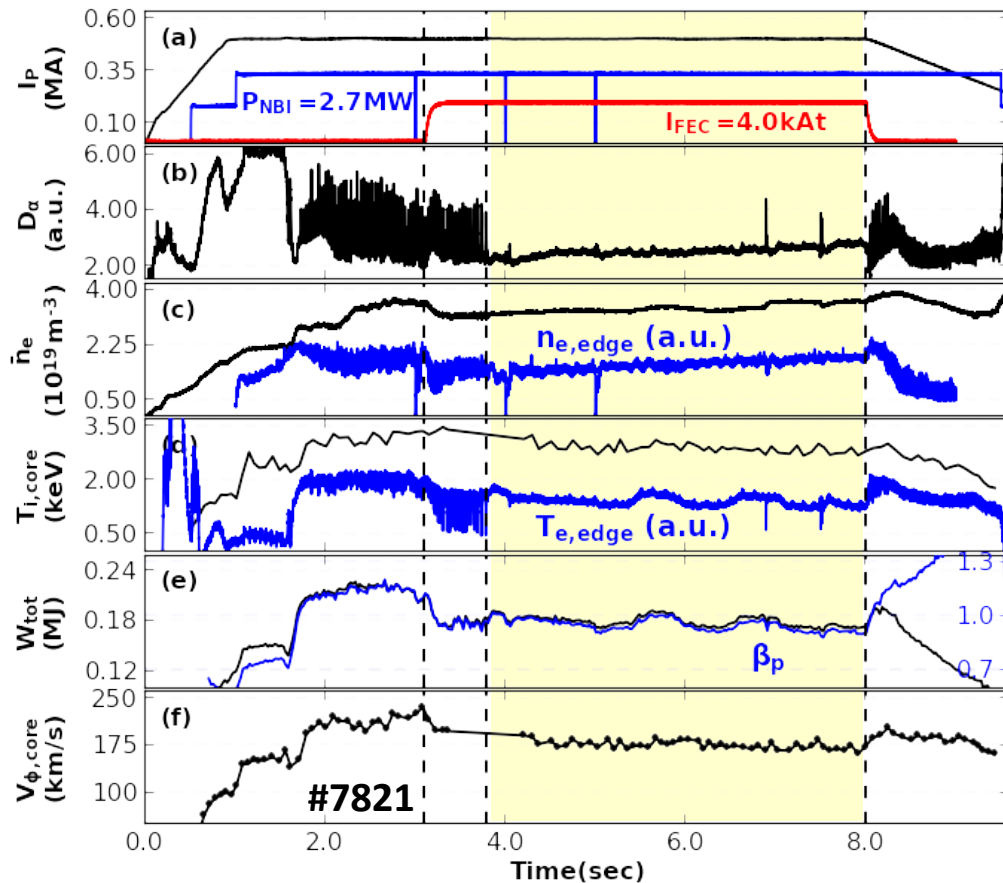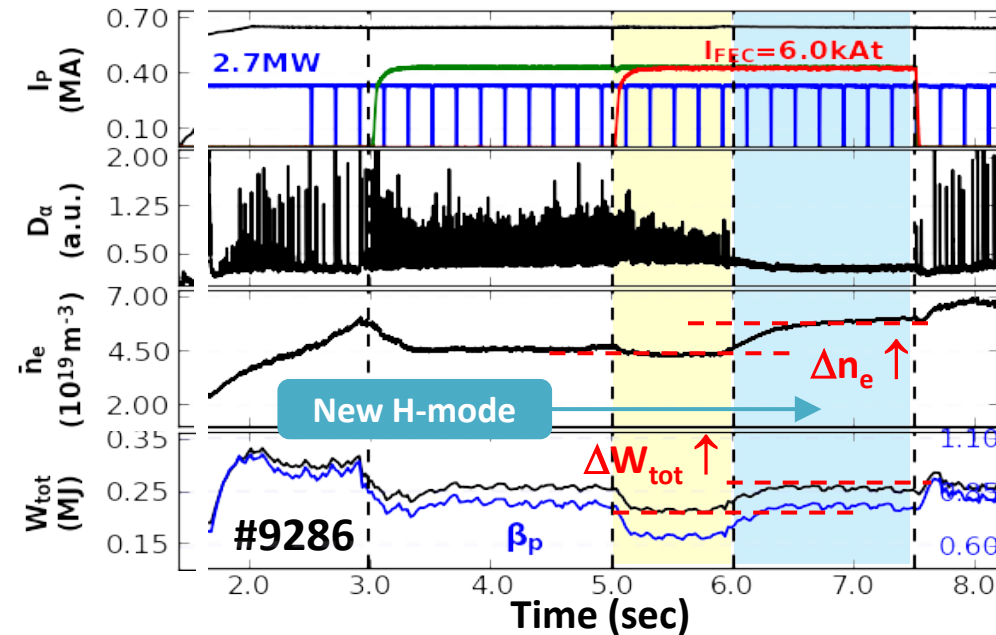# Successful ELM-Suppression Using Low n RMPs and Its Understanding as a New ('bursty') H-Mode State

- **Long ELM suppression (> 4.0 sec)**
- **ELM-suppressions by low n RMPs**
- **Wide range of q_{95}**
  - n=1 RMP for q_{95}=5.5~6.0 (high)
  - n=2 RMP for q_{95}=3.7~4.0 (low)

- **Two stationary ELM states under same RMP field**
  - Mitigated ELMs : confinement ↓
  - Suppressed ELMs: confinement ↑
- **A possibility of ELM suppression without confinement reduction**

- **ELM-suppression = a new state of H-mode (so called, 'bursty' H-mode)**