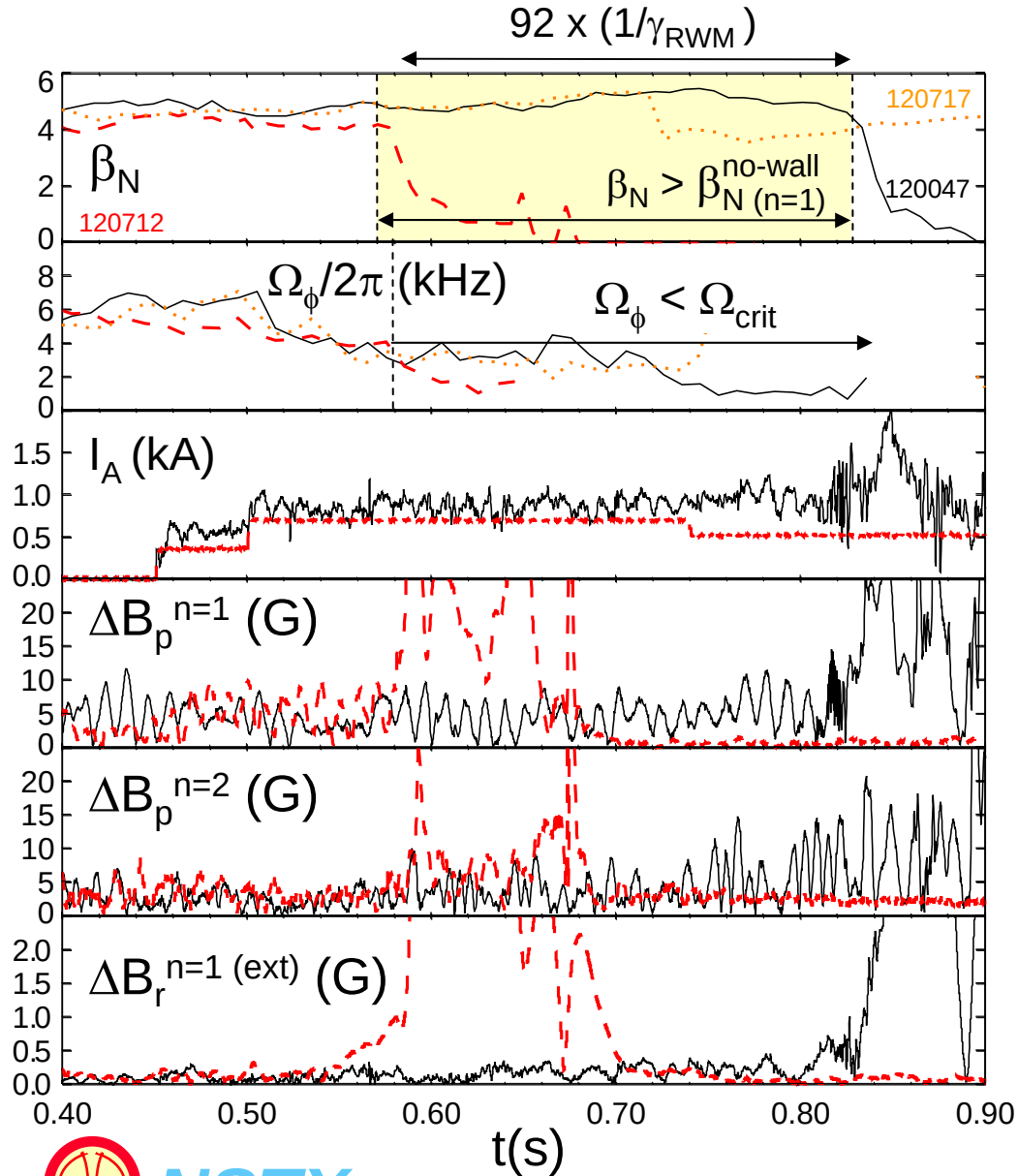
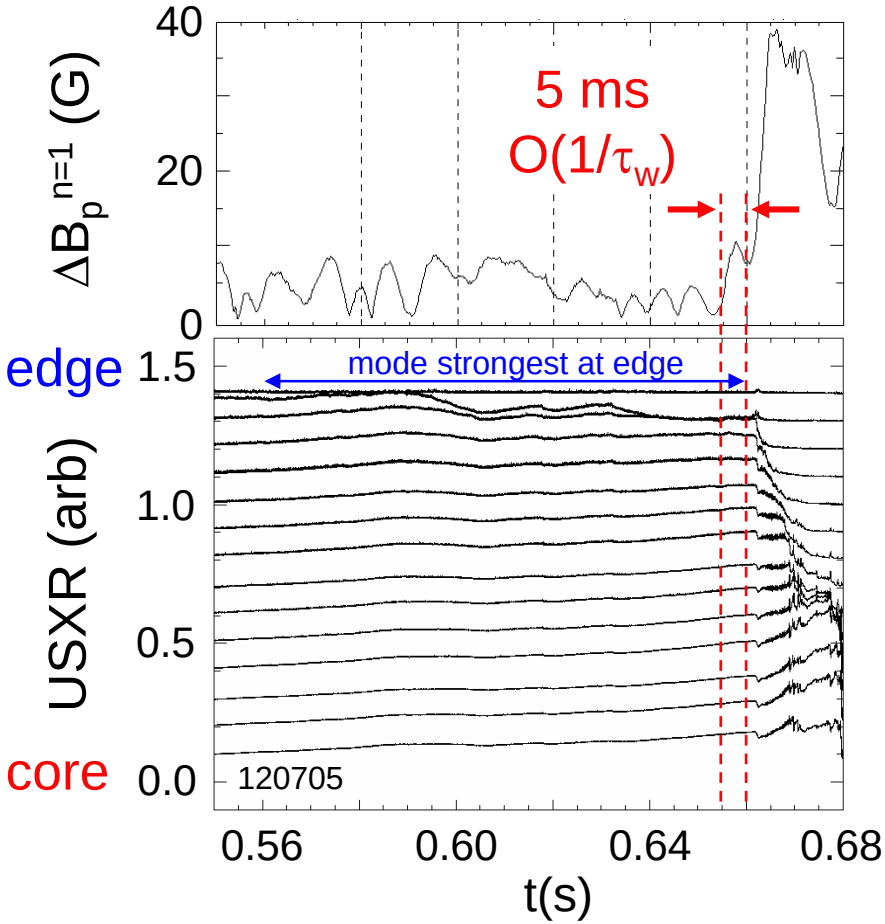
RWM stabilized at low plasma rotation for ~ 90/γ_{RWM}



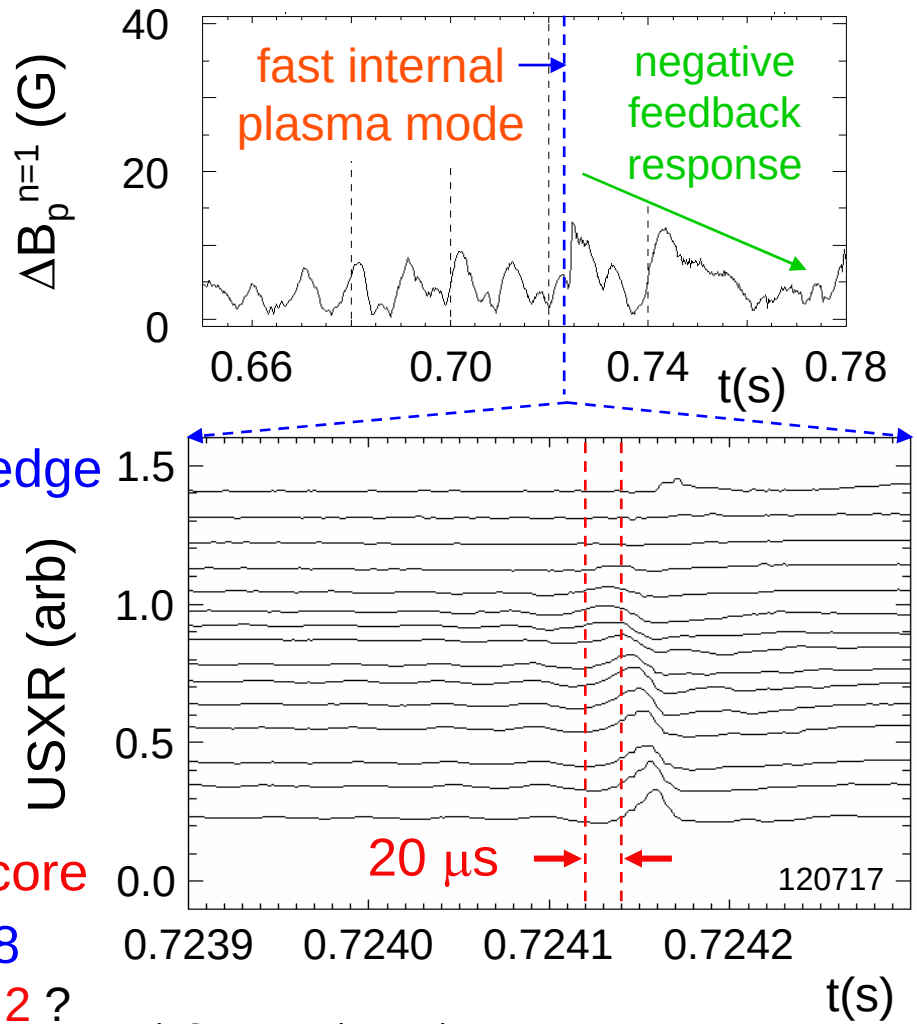
- ½ day run on 5/18/06
- Better comparison shots taken
  - w/ no-feedback (RWM)
  - w/ fast internal mode
- Reduction of Ω_ϕ by non-resonant n = 3 magnetic braking
  - Due to neoclassical toroidal viscosity
  - In ITER Ω_ϕ range
- Stabilized 2.5 times longer than DIII-D published result

Clear differences between RWM and internal plasma mode

No active stabilization (RWM disrupts plasma)



Active stabilization (fast β_N drop, plasma recovers)



- Internal mode ~ 20 kHz in 120718
  - Plasma rotation ~ 10 kHz => n = 2 ?

(USXR: K. Tritz JHU)