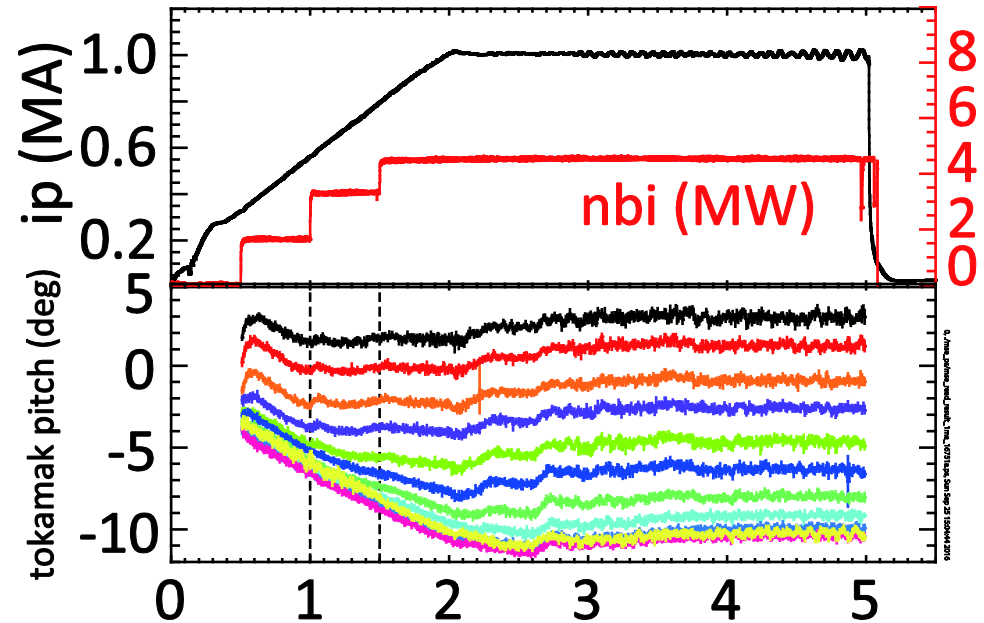
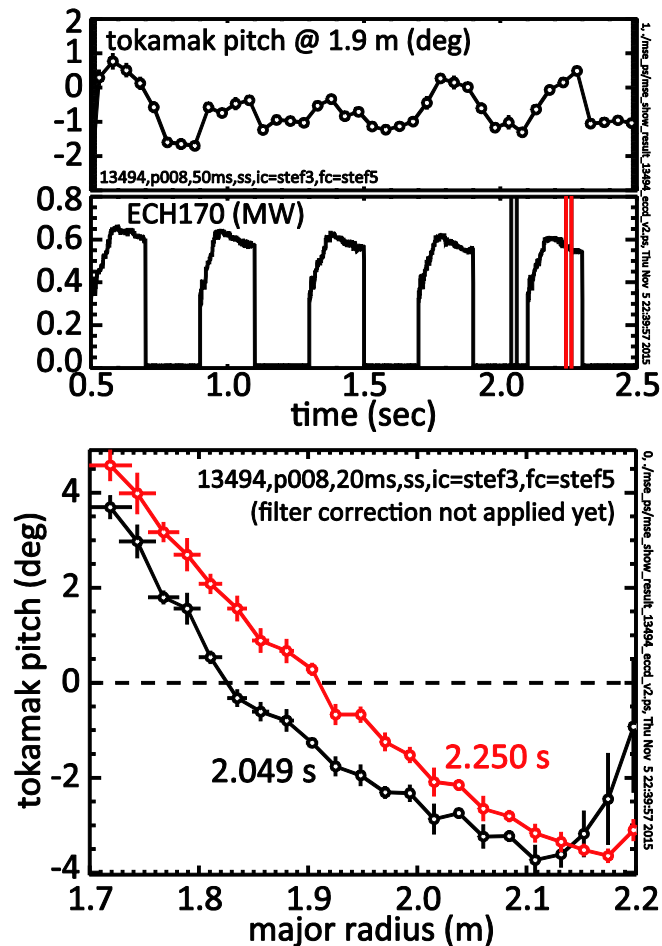


Current profile evolutions with external current drive for KSTAR – Using MSE

J Ko (NFRI, UST), J Chung (NFRI), M Messmer (TU/e), S Schenkelaars (TU/e)



- 25 channels, $\Delta r/a \sim 2 - 8 \%$ (similar to that of ITER)
- $\Delta t \sim 10 \text{ msec}$ ($\tau_E \sim 0.1 \text{ sec}$, $\tau_{CR} \sim 1 \text{ sec}$ at KSTAR)
- Elaborate calibration/analysis procedures to minimize systematic errors.
- Analyses in ECCD, NBCE, Sawtooth will be shown.