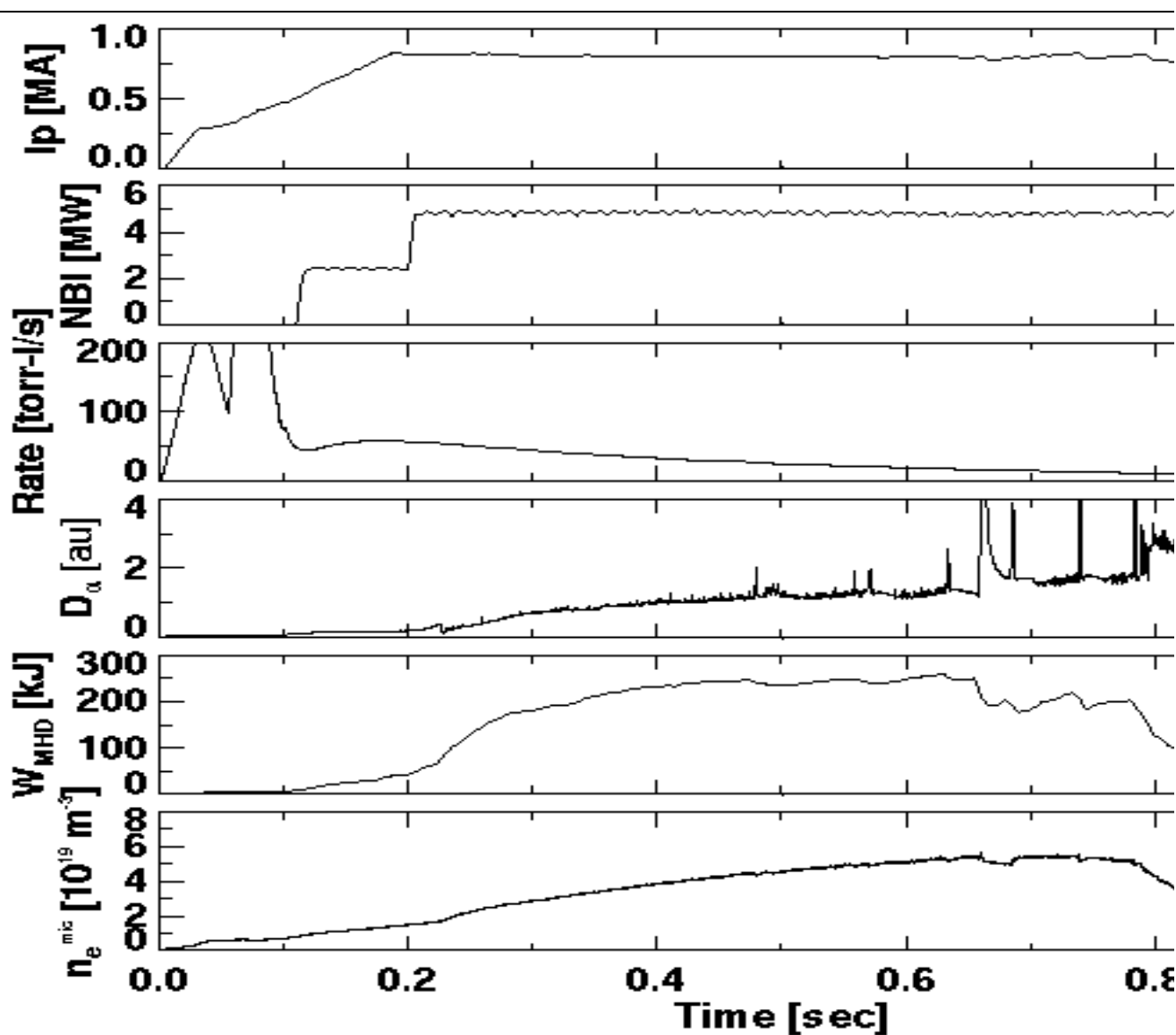


The Need for Density Control in NSTX

R. Maingi
Oak Ridge National Laboratory

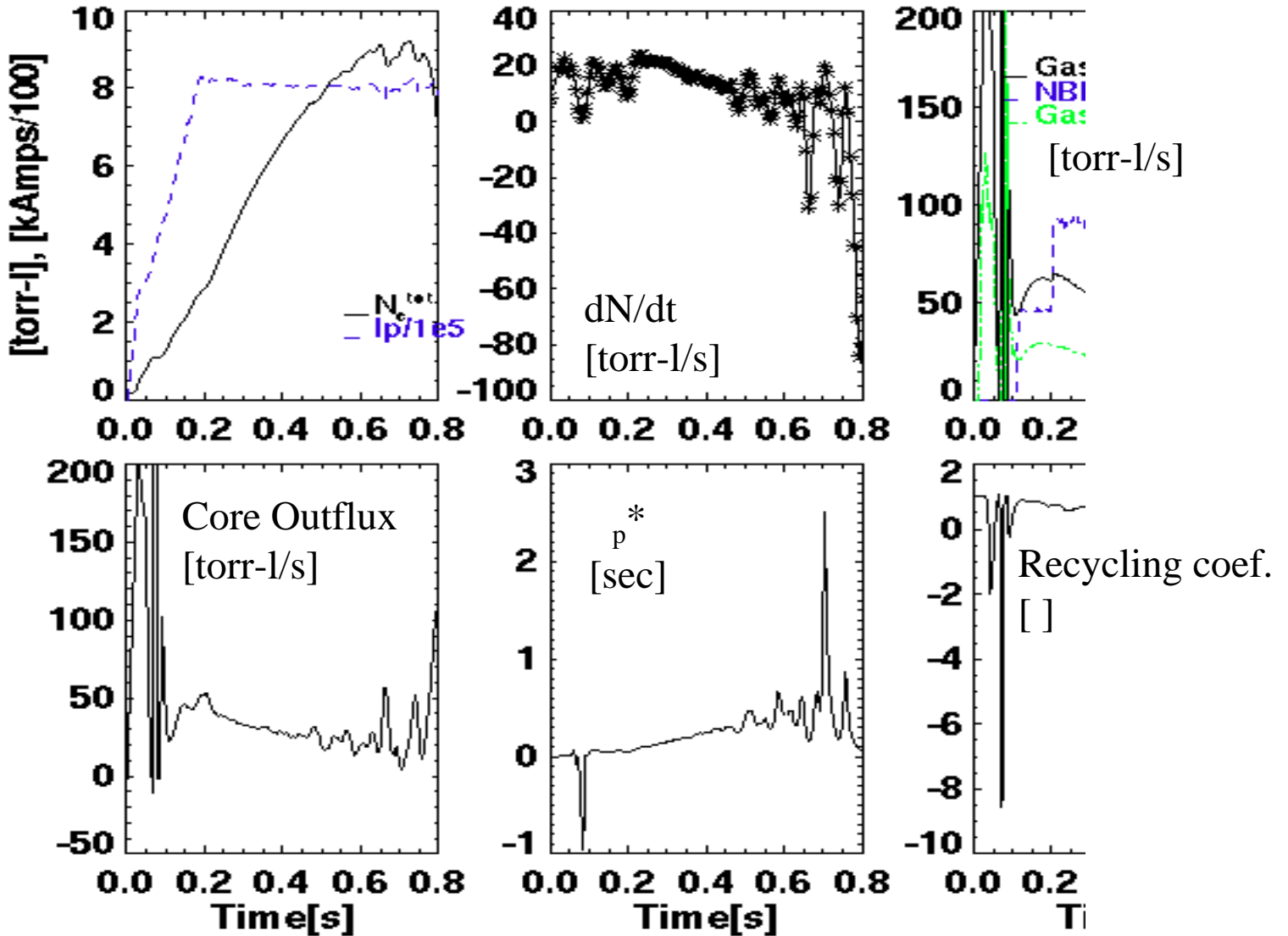
Boundary Physics Particle Control Session
NSTX 5 Year Planning Ideas Forum
Princeton, NJ
June 24-26, 2002

Continuous Density Rise in Long Pulse, High Performance Discharge



#109063

Particle Balance Shows Density Rise \geq NBI Fuel Rate



Long Pulse Discharges Exhibit Continuous Density Rise

