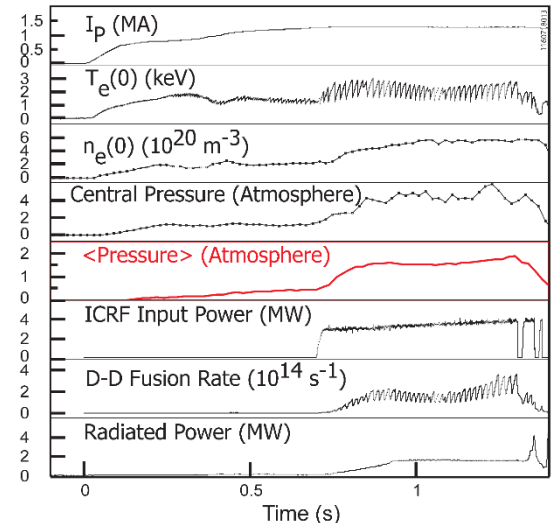


# Alcator C-Mod Overview

- **Extended High Energy Confinement ELM-Suppressed Operational Regimes to Full Toroidal Field (8 Tesla)**
  - **EDA H-mode (Energy and Particle Edge Barriers)**
    - **New volume average pressure record set, 1.9 Atmosphere (at B=5.4 T, I<sub>p</sub>=1.3 MA)**
  - **I-Mode (Energy Edge Barrier, L-mode Particle/Impurity Transport)**
    - **Extensions to 8 Tesla, and for near double-null topology**
    - **Increased confidence in extrapolation of I-mode to high field, compact burning plasma configurations and candidate reactors**

Record <Pressure>



8 Tesla I-mode

