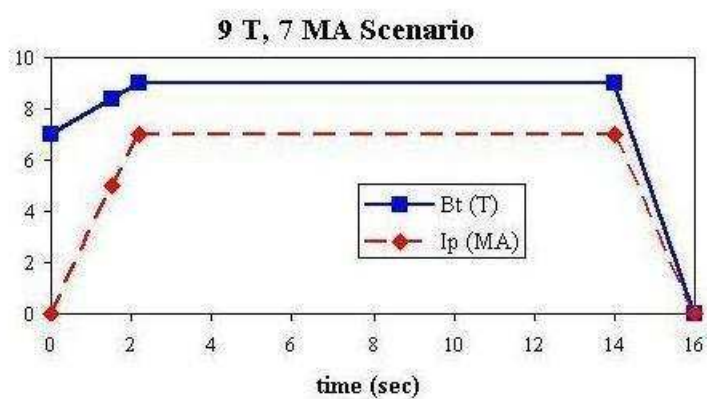
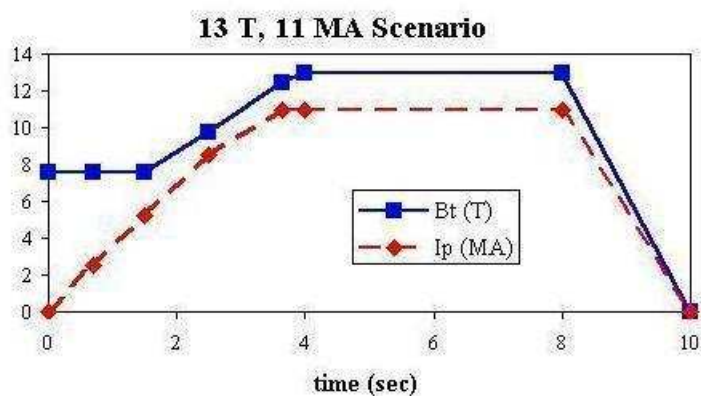
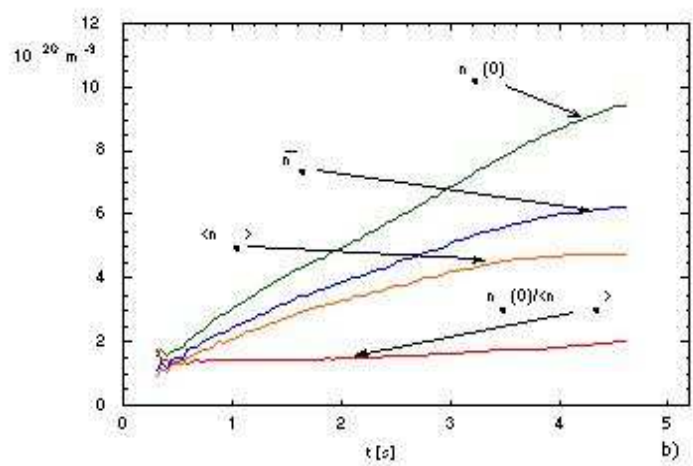
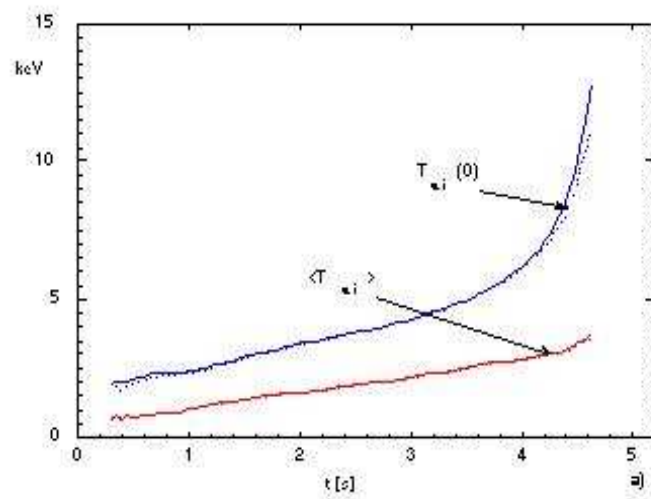
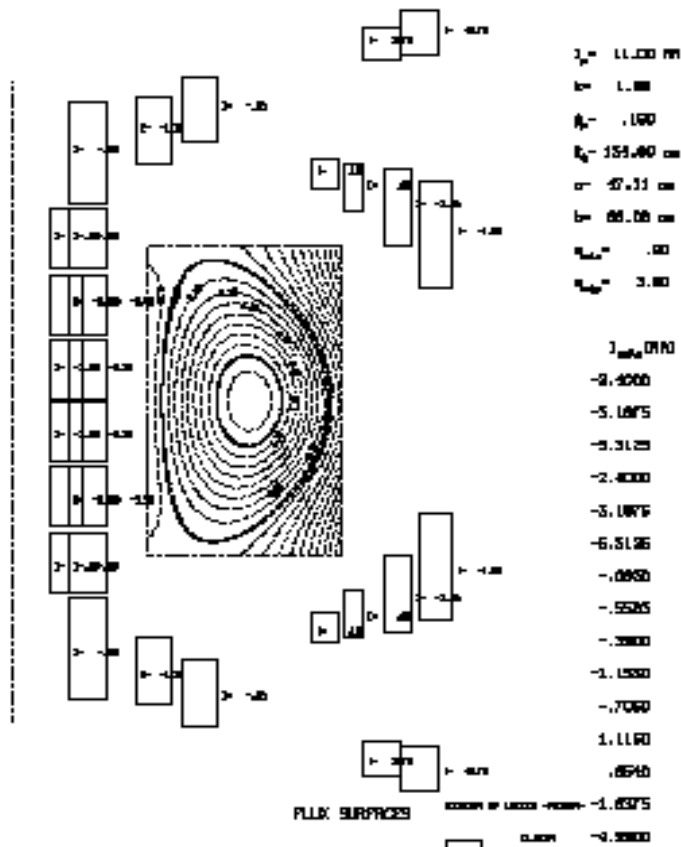
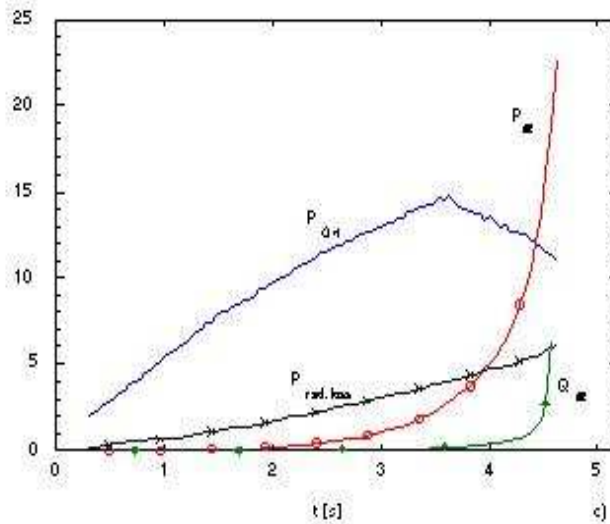


In the figure are illustrated the main scenari of IGNITOR operation



Time evolution of a discharge with 11 MA and 13 T simulated by the JETTO code, showing a) temperature, b) density, c) powers in MW and the parameter Qa. Ignition is marked by the vertical dotted line





The Equilibrium Configuration for 11 MA, 13 T, is evaluated by the EQUISL code, with central q about 0.9

Details on the time evolution of density and temperature in typical IGNITOR discharges can be find in several publications, among them

see A. Airoidi and G. Cenacchi (2001), Nucl. Fusion 41, 687; B. Coppi, A. Airoidi, F. Bombarda, G. Cenacchi, P. Detragiache, L. E. Sugiyama (2001), Nucl. Fusion 41(9), pp. 1253; A. Airoidi and G. Cenacchi(1997), Nucl. Fusion 37, pp. 1117

What follows is a list of recent papers, posters and presentations concerning various aspects of the physics of IGNITOR

[F. Bombarda, IAP Seminar, PSFC, January 16th 2002](#)

[A. Airoidi et al, APS 2001, Non-ohmic Ignition Scenarios in Ignitor](#)

[G. Cenacchi et al, APS 2001, X-point configurations for the Ignitor experiment](#)

[C. Ferro et al, EPS 2001, Limiter and X-point configurations in Ignition experiments](#)