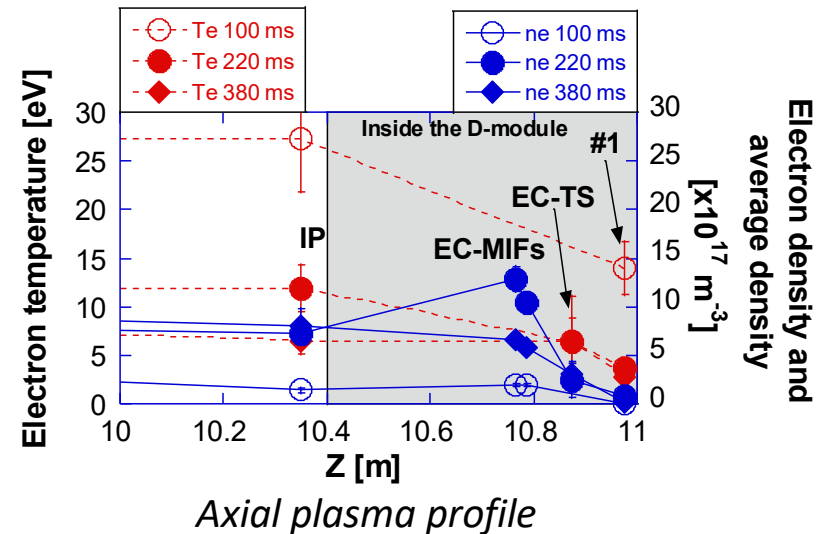
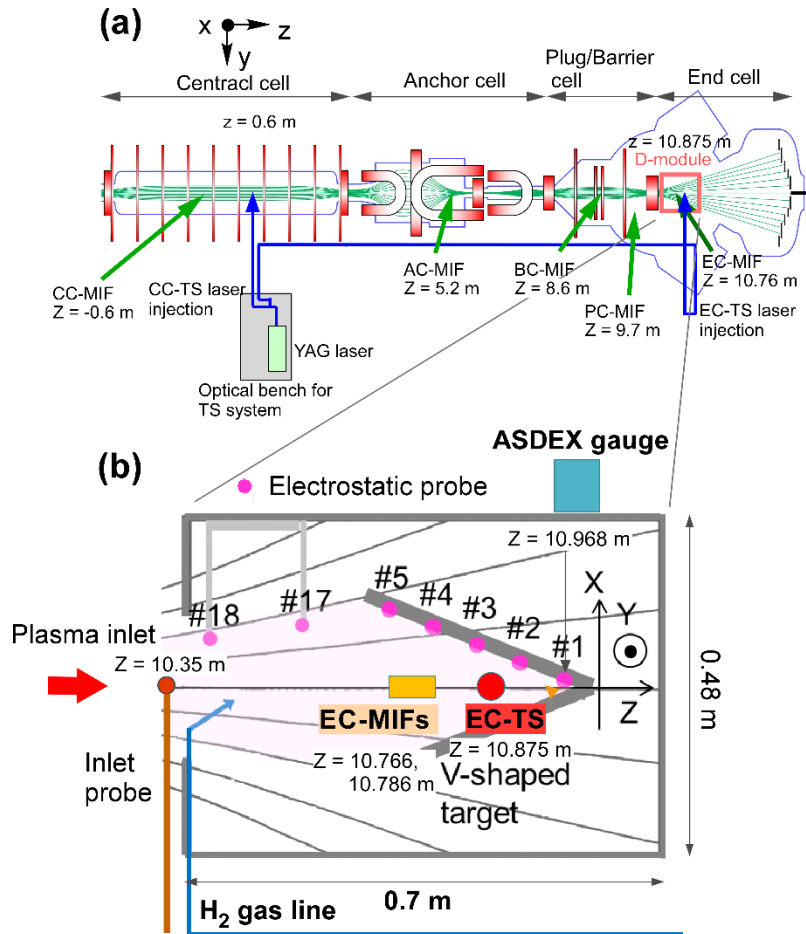


# Study of detached plasma profile in the divertor simulation experimental module of GAMMA 10/PDX

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- We successfully measured the core and edge plasma electron temperature and density, simultaneously, and obtained the axial density and temperature profiles in the detached plasma experiments.
- We clearly observed the ionization region in the detached plasma for the first time in GAMMA 10/PDX. It is useful to study more detail of the ionization region behaviour in the detached plasma.

Schematics of the experimental setup of GAMMA 10/PDX (a), and the divertor simulation experimental module (b).