

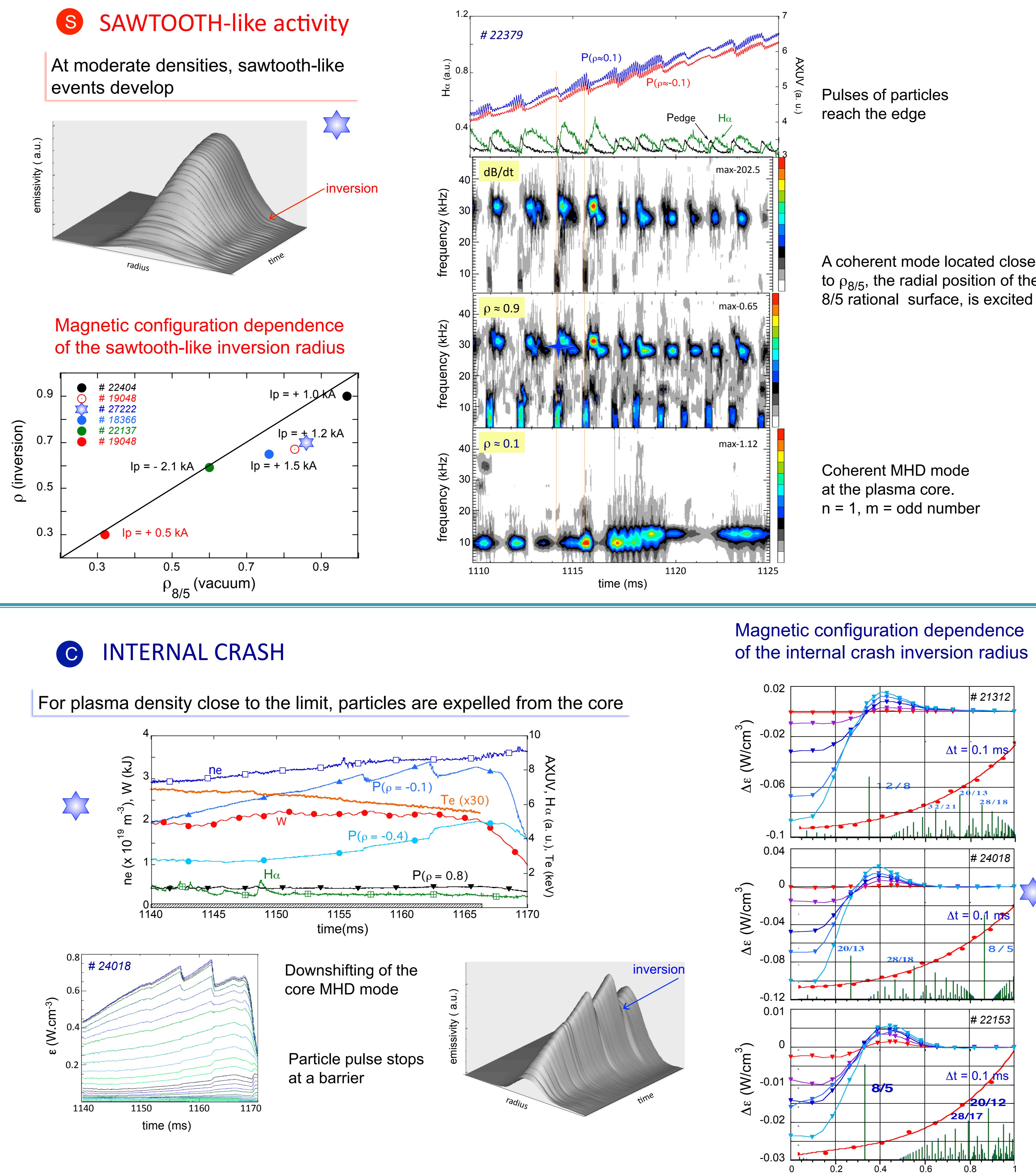
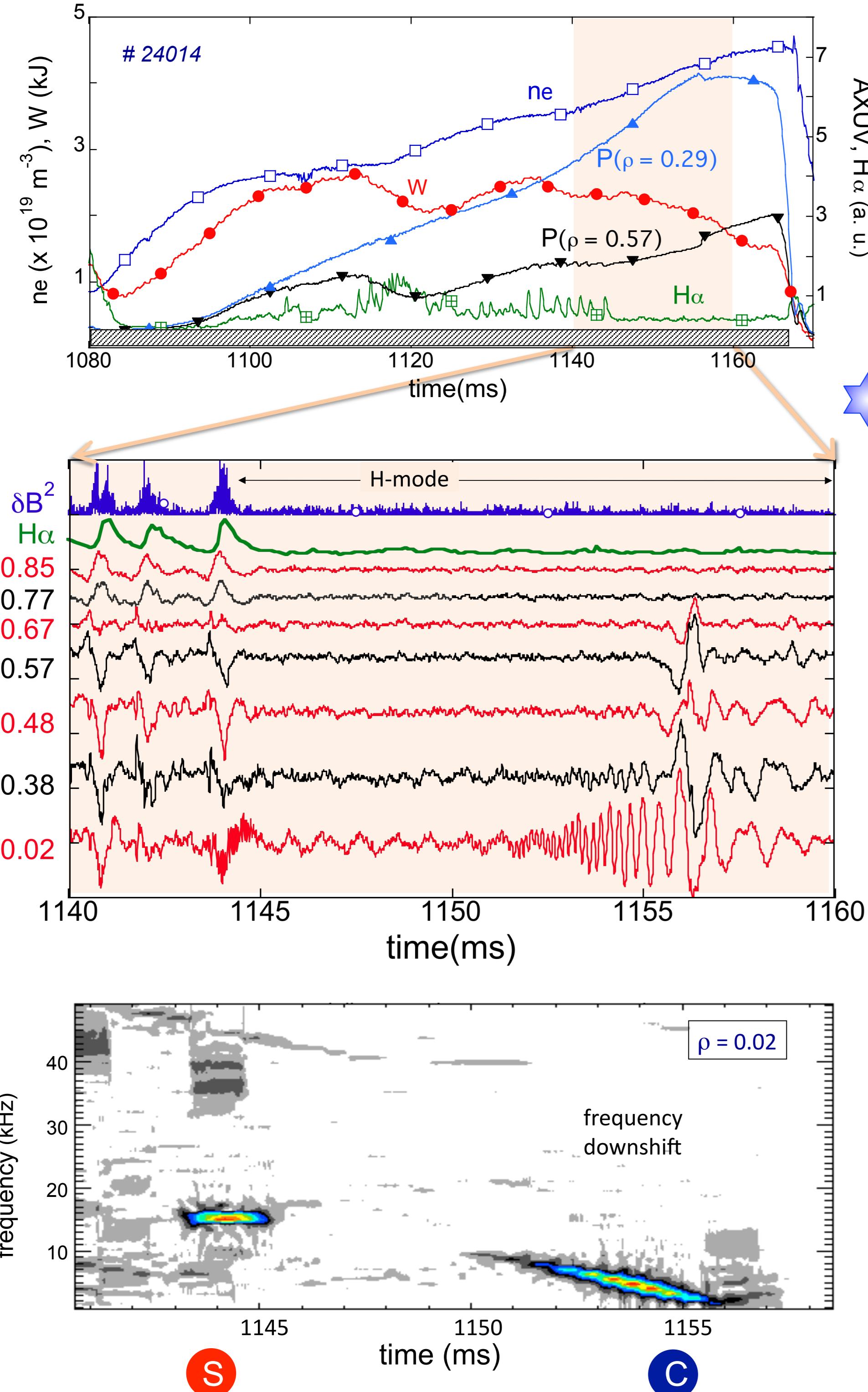
# MHD events and transport barriers in TJ-II plasmas

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- ◆ In TJ-II NBI plasmas, MHD instabilities are frequently observed
- ◆ Plasma parameters enable bolometry diagnostic to probe simultaneously the whole plasma.
- ◆ Behavior of global radiation profiles evidences the existence of transport barriers, transient or permanent, at the location of low order rational surfaces.
- ◆ MHD events accompany particle bursts, profiles redistribution and barrier destruction.
- ◆ When properly located, magnetic resonances propitiate the L-H transition.



A case of study:  
MHD activity in a configuration prone to L-H transition

