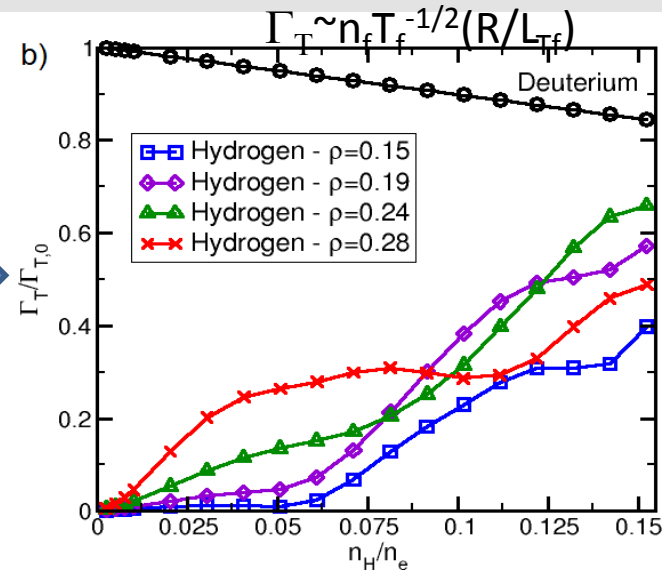


Effect of ICRH on Tungsten radiation in JET H-mode scenarios, Goniche et al., EX/P6-16



Modeling:

- $P_{\text{ion}}/P_{\text{elec}}$ increases for H/D > 10%
- W screening by fast ions is large for H/D > 10%



Experiment

- Baseline: Moderate W peaking obtained with $P_{\text{ICRH}}=5\text{MW}$ at 3-3.5MA with high gas rate only
- Hybrid: W accumulation avoided in a single case with delayed timing
- Good correlation between the proxy used for NC transport and W peaking
- Correlation between W peaking dynamics and MHD triggered by fast particles in Baseline scenario

