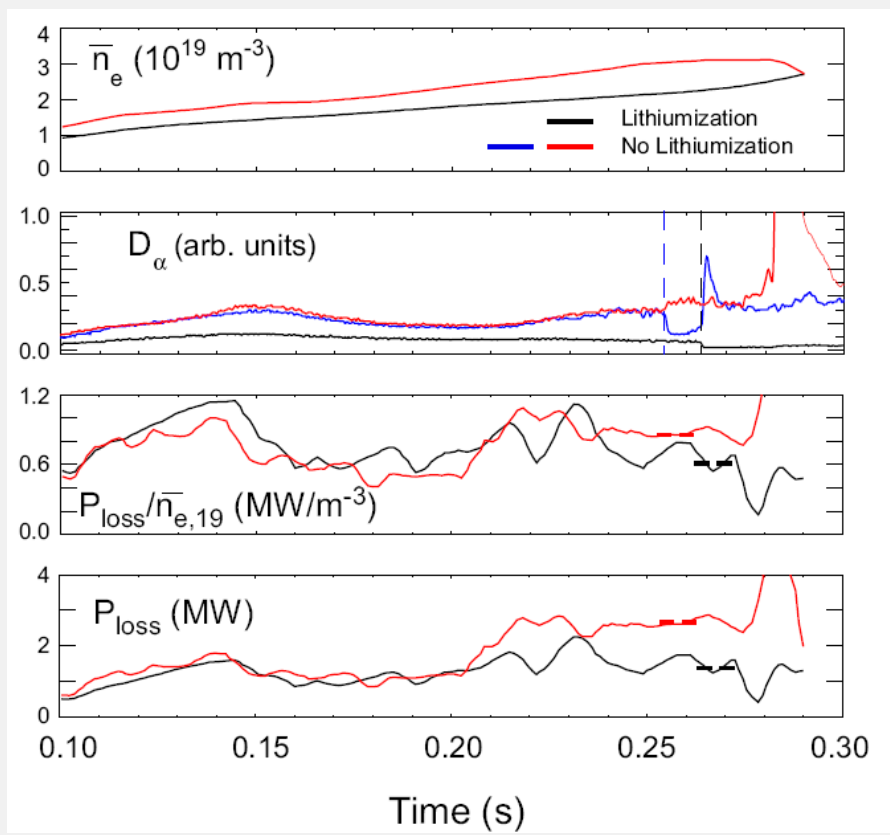


Lithium Evaporation Led to a Significant Reduction in L-H Power Threshold

$P_{LH} \sim 2.7$ MW NBI without Li evaporation ($P_{heat}/n_e \sim 0.9$ MW/ 10^{19} m³)
 ~ 1.4 MW NBI with Li evaporation (0.6 MW/ 10^{19} m³)

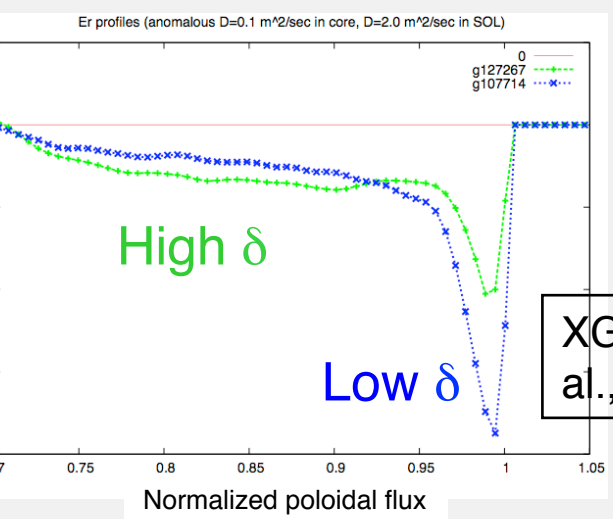


$P_{LH} \propto n_e$ from HHFW expt

Normalize P_{LH} by n_e due to density differences between plasmas with and without evaporation

Effect of neutral density differences?

C0 Code Calculations Showed Strongest Ion Loss (and E_r) Near X-point at Large Rx – Motivated δ -scan



Experiments confirm lower P_{LH} at

