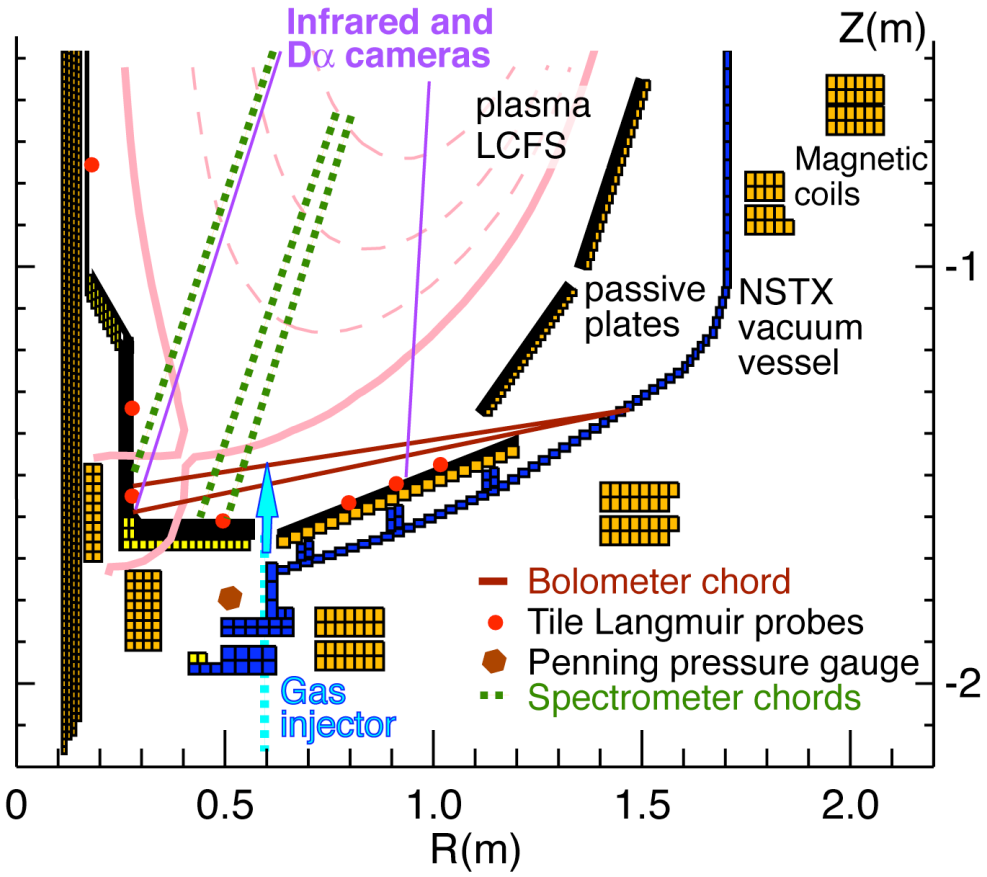
Lithium evaluation program relies on new and existing diagnostics

NSTX

- Measure Lithium source with 2-D fisheye camera and 1-D CCD cameras w/Li-I filter
- Measure fully stripped Lithium in core with ChERS (new capability)
- Measure impact on pedestal with Thomson and ChERS
- Compute impact on local transport with TRANSP
  - Missing: lithium transport in edge/SOL with data from other charge states and code calculations



Large Type I ELMs disappeared before the improvement in global confinement

- Difference in early H-L transition behavior
  - Carbon density higher because of shorter H-L phase
  - Z_{eff} higher
  - Collisionality higher
  - Lower pedestal bootstrap current
  - Stabilization of peeling mode in P-B mode paradigm