

Enhancement of global helium exhaust observed over a range of scenarios during RMP vs ELMy H-mode cases

- Increase of partial pressure and concentration in pump duct during RMP
- Reduced $\tau_{p^*,He}$ observed in core, edge, SOL, and pump plenum
- $\tau_{p^*,He}/\tau_E$ reduced by ~ 2 over a range of cases during RMP
- Supports enhanced He exhaust as an additional, critically important feature of the RMP ELM control

