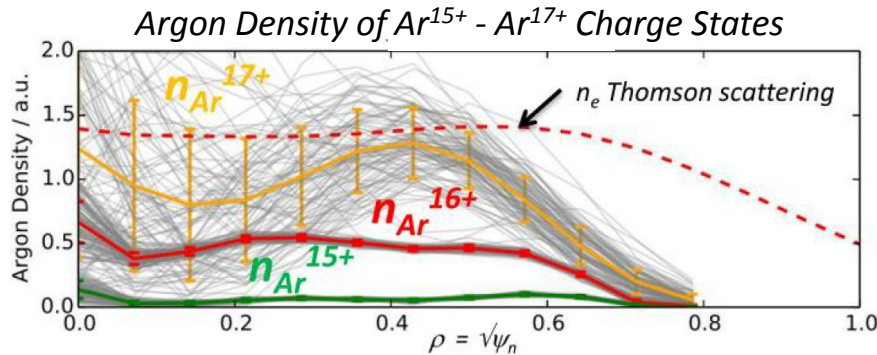
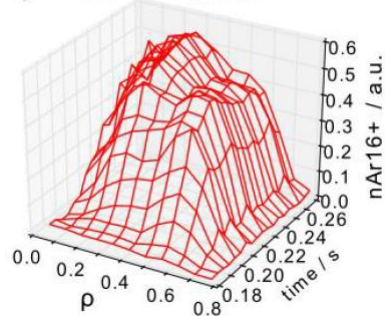


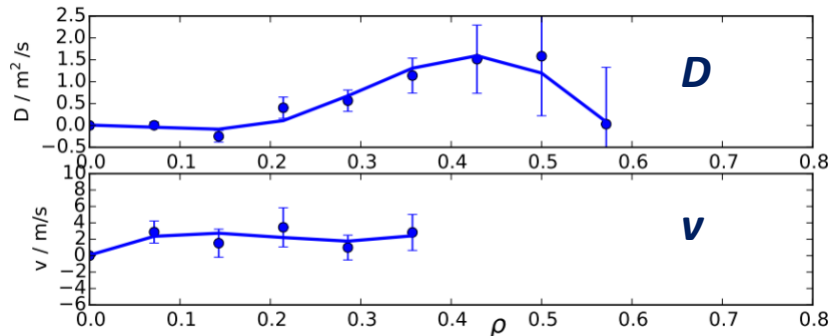
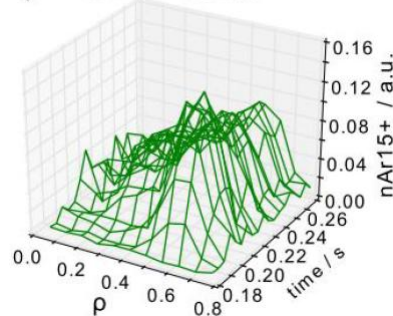
Initial Estimation of Ar Impurity Transport Coefficients @ W7-X



a) nAr16+ Profiles



b) nAr15+ Profiles



- Observed Ar impurity charge states (Ar¹⁵⁺-Ar¹⁷⁺) using x-ray imaging spectrometer data

- Ar transport experiments: Observed temporal evolution of Ar charge states after Ar gas puff

- Diffusion coefficient D and pinch velocity v profiles

