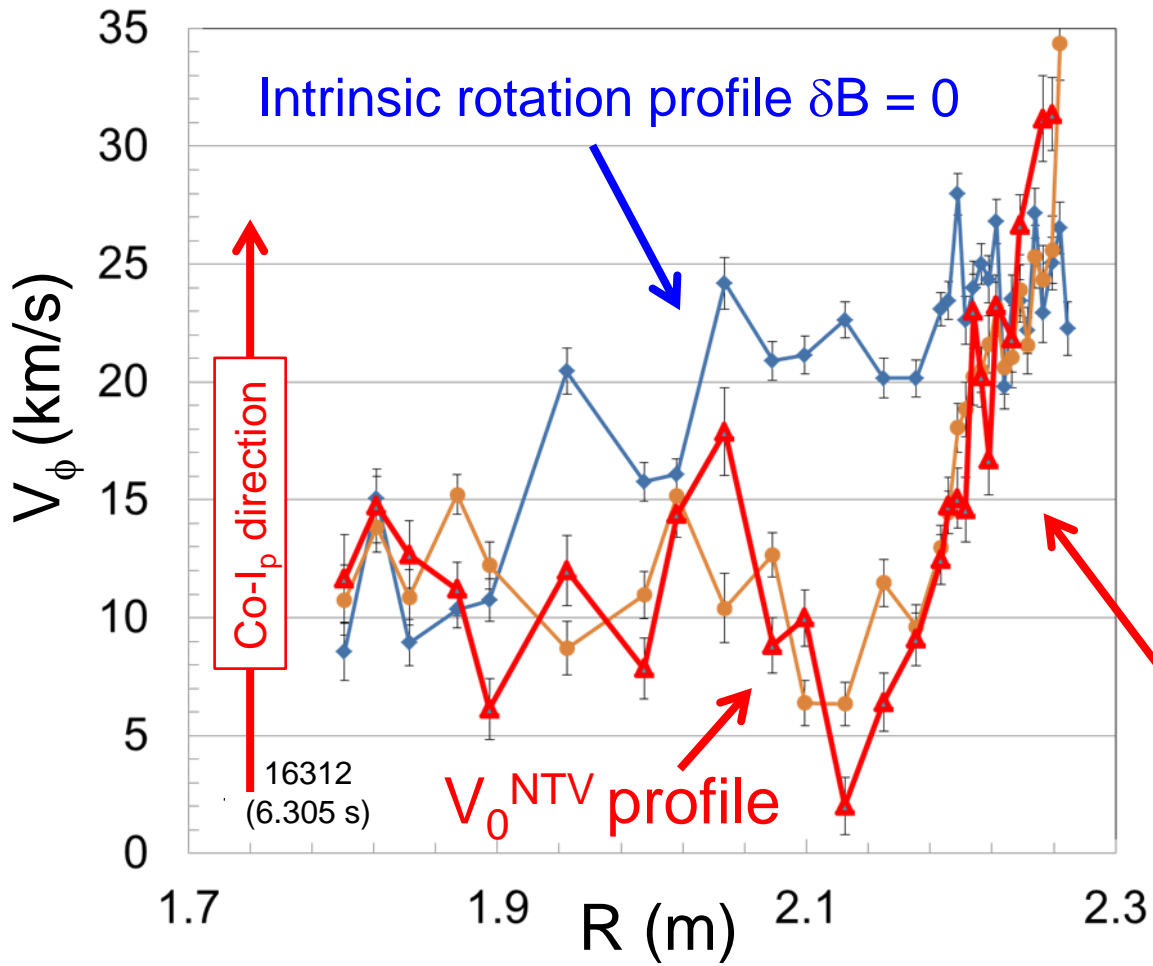


EX/P4-33: Neoclassical Toroidal Viscosity (NTV) Offset rotation profile V_0^{NTV} directly measured in KSTAR



- Utilize ECH plasmas
 - avoid analysis difficulties related to NBI torque
- Co- I_p direction of V_0^{NTV} consistent w/ dominance of electron channel
- **Potential aid for ITER**
 - ITER simulations: $\Omega_\phi \sim 2$ krad/s in outer region
 - Recent KSTAR experiment: $\Omega_\phi > 12$ krad/s in outer region (scaling?)
 - **15 times stronger rotation shear generated with applied 3D field**

(S.A. Sabbagh, Y.S. Park, J. Kim, W. Ko, et al.)