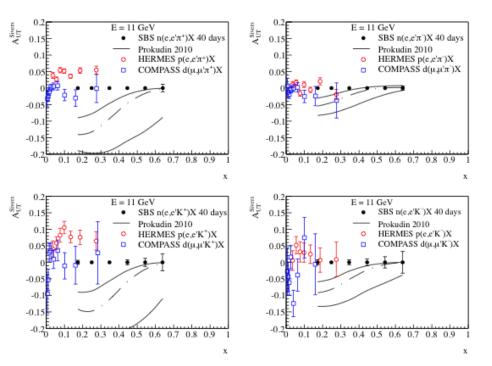
Neutron transversity in SIDIS

- Approved for 64 beam-days by JLab PAC38
- Transverse target single-spin asymmetries in ³He(e,e'h)X (h=π^{±,0}, K[±])
 - Collins and Sivers effects
- ~10X smaller statistical uncertainties for neutron than HERMES proton data
- First precision measurements in a multidimensional kinematic binning



Hadron Arm RICH **GEM HCalo** Target 48D48 Beam **BigBite** SECalo GEM GasCher Electron Arm Q², GeV² 11 E12-09-018, 11 GeV (40 days) 10E12-09-018, 8.8 GeV (20 days) E06-010, 5.9 GeV 0.2 0.10.30.40.50.70.6х

- π^{\pm} , K^{\pm} neutron Sivers asymmetries compared to HERMES, COMPASS, phenomenological fit
- Data at two beam energies provides a range of Q² at fixed x