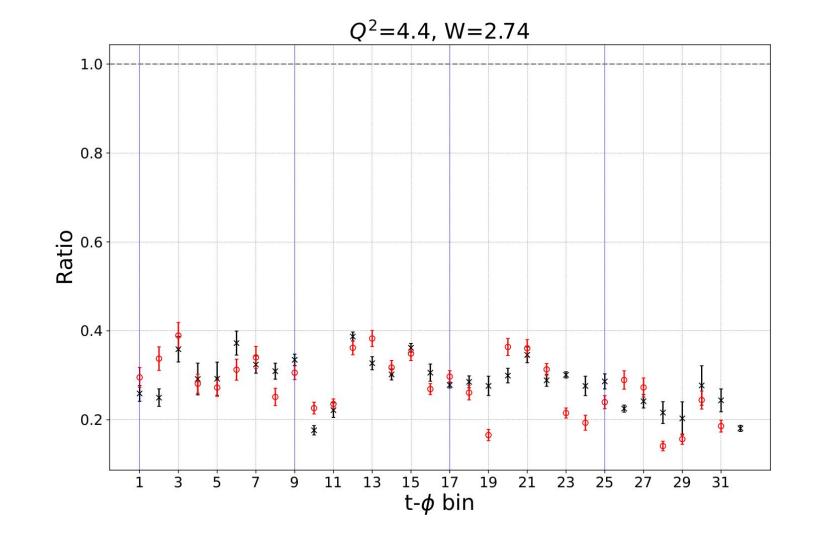
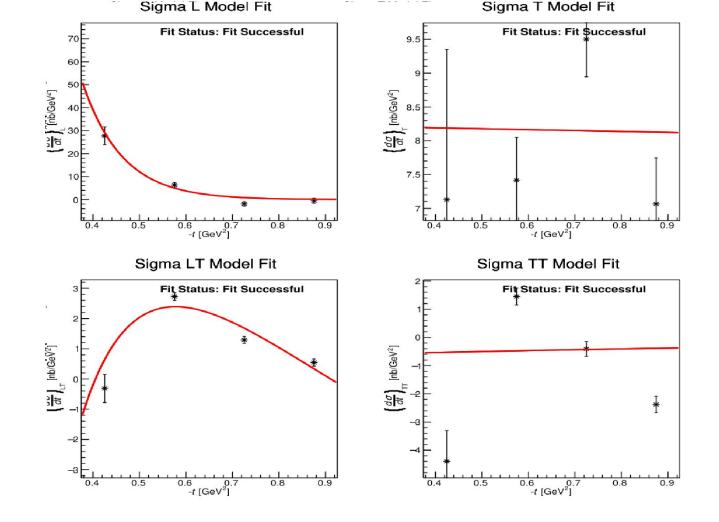
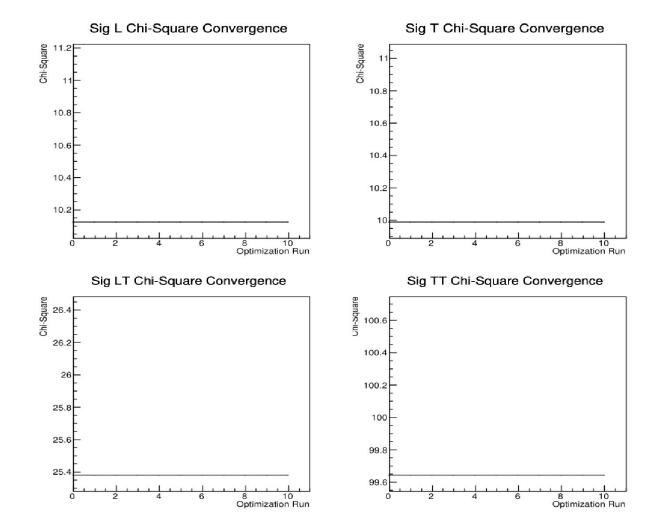
KaonLT Meeting September 5th, 2024 Richard Trotta



i=10





i=10

MM_nosub_k H_MM_nosub_DATA Entries 15605 3000 Mean 1.165 Std Dev 0.1068 2500 MM_{K} H_MM_DATA 400 F Entries 5057 1.124 0.0127 Mean 350 Std Dev 2000 300 F 250 1500 200 150 H. H. 100 1000 50 1.08 1.09 1.1 1.11 1.12 1.13 1.14 1.15 1.16 500 a konse podio konse na distance na dis 8.7 0.8 0.9 1.1 1.2 1.3 1.4 1.5

Ideas for Debugging

- Check histogram binning for yield calculations
- Check instances of $2.0/\pi$
 - Checked already and doesn't seem to be the cause
 - Double (triple) check

sig=sigT+eps_mod*sigL+eps_mod*cos(2.*phi)*sigTT
> +sqrt(2.0*eps_mod*(1.+eps_mod))*cos(phi)*sigLT
sig=sig/2./pi/1.d+06 !dsig/dtdphicm in microbarns/MeV**2/rad
sig=sig/2./pi !dsig/dtdphicm in microbarns/GeV**2/rad
x_mod=sig

- Run for very small -t range (~0.1)
 - \circ Q²=3.0, W=3.14, very good statistics in t=0.2-0.3 range
- Triple (quadruple, quintuple) check SIMC vs iterated weight results
- Run code with Vijay's pion settings
- Systematic issue for all data?? 😓