

Some Plots

Alicia Postuma

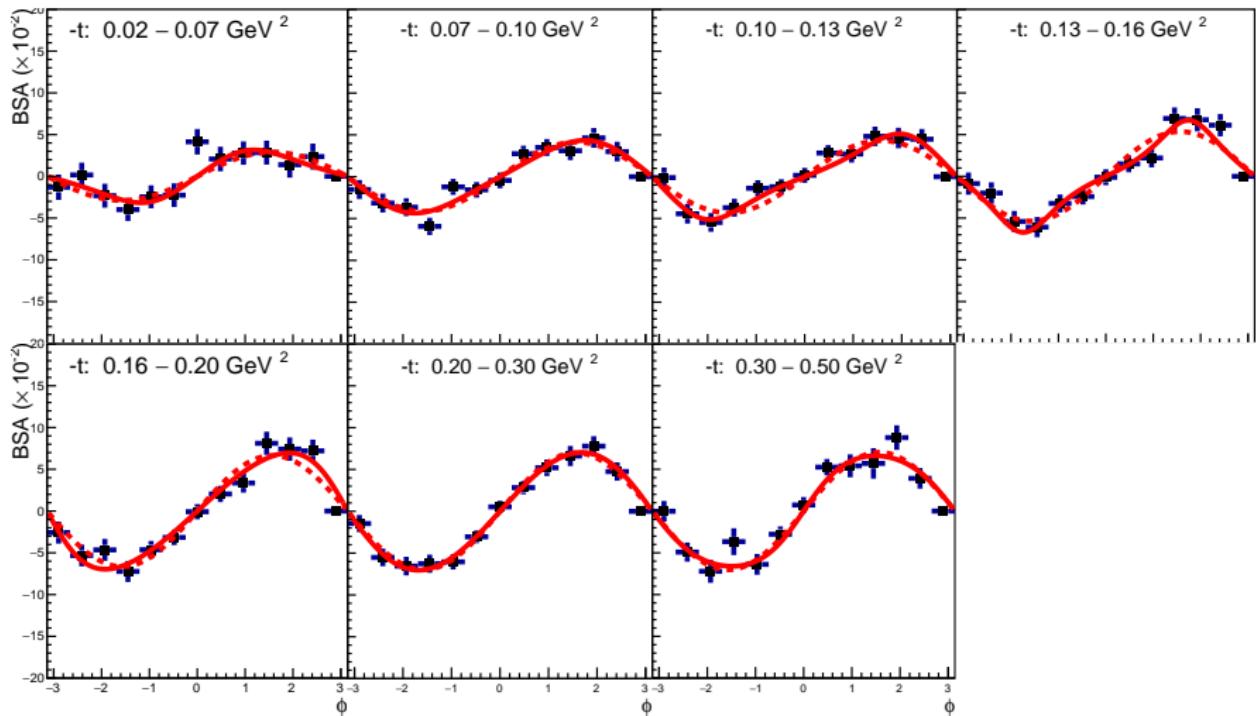
28 March 2024

University of Regina
KaonLT Experiment, Jefferson Lab Hall C



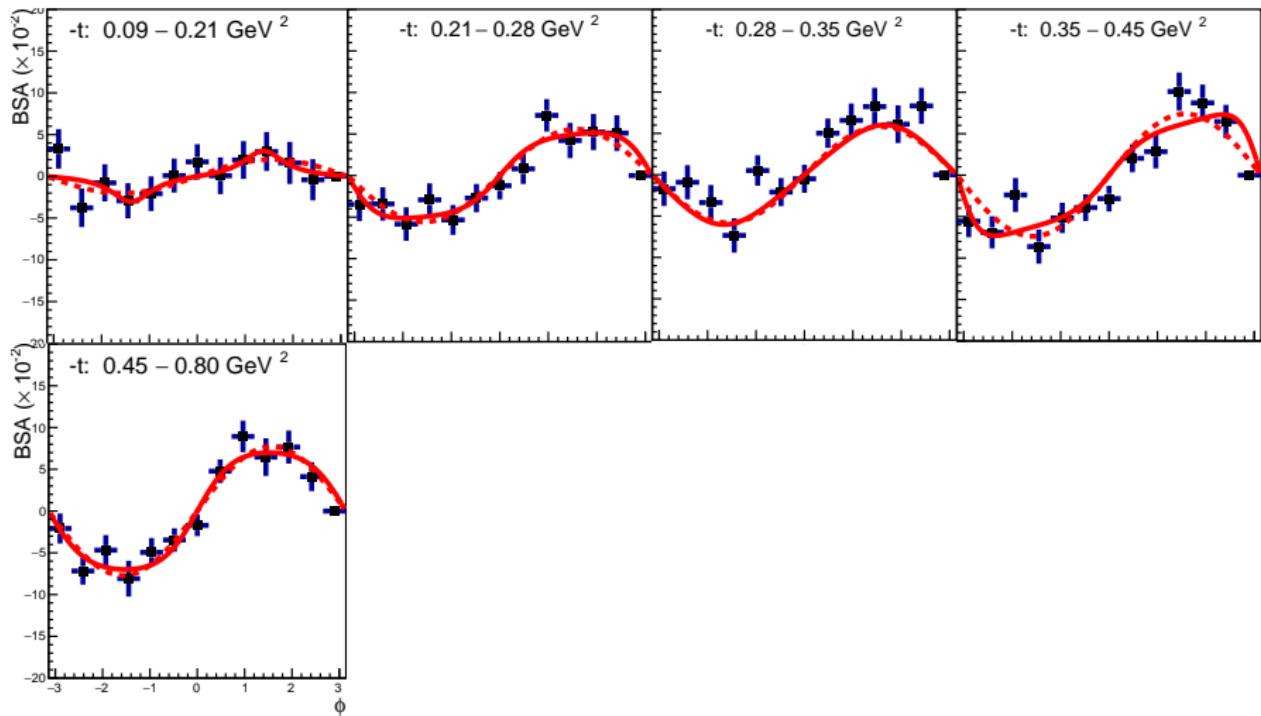


Asym $Q^2=3$, $W=3.14$



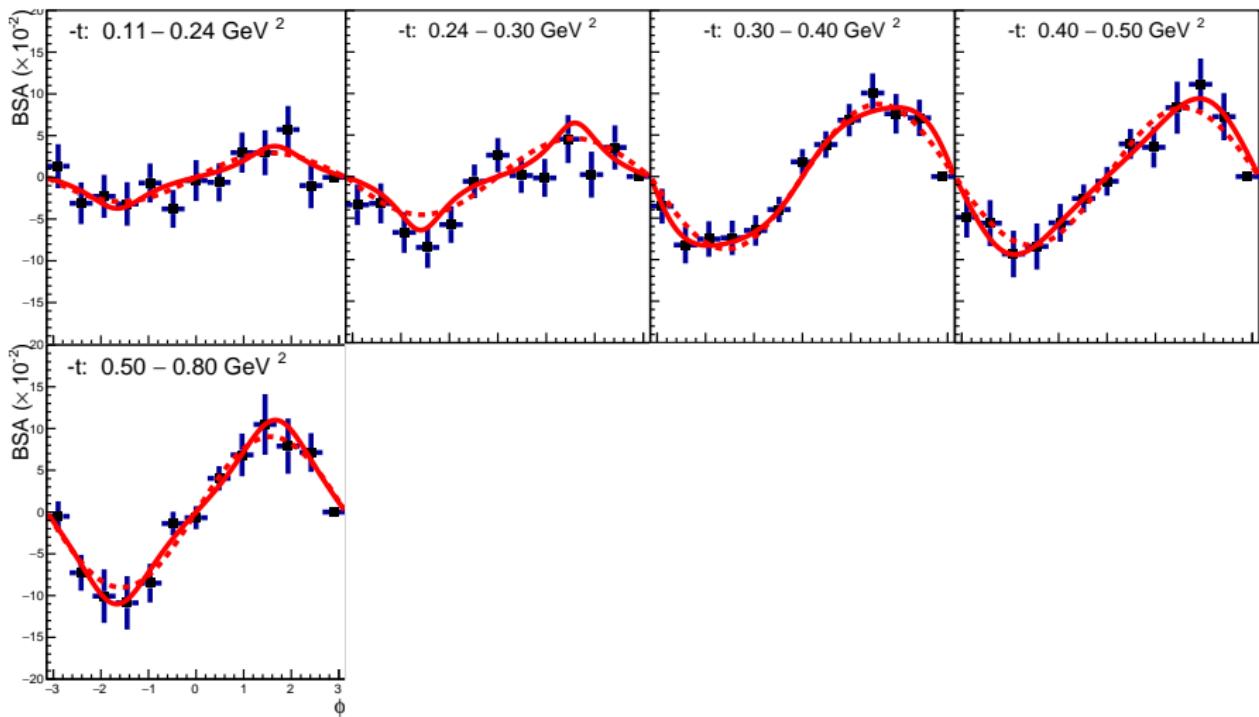


Asym $Q^2=5.5$, $W=3.02$



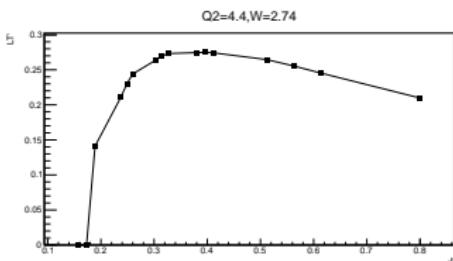
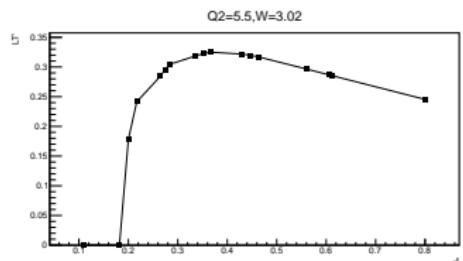
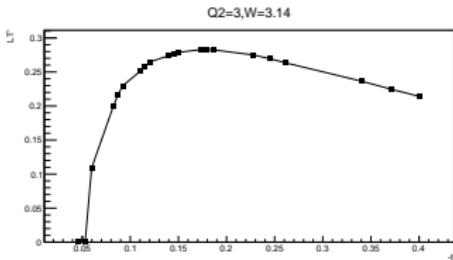
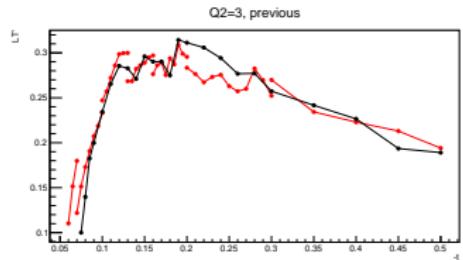


Asym $Q^2=4.4$, $W=2.74$

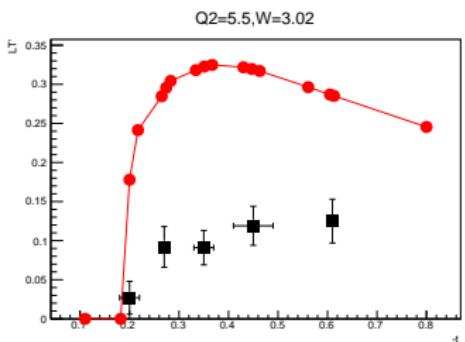
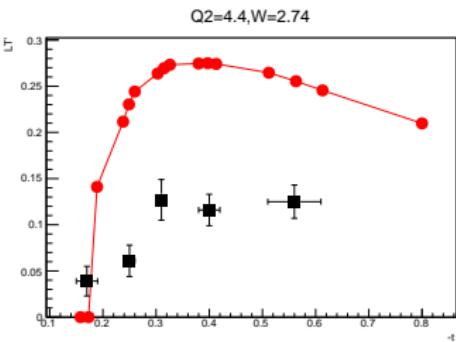
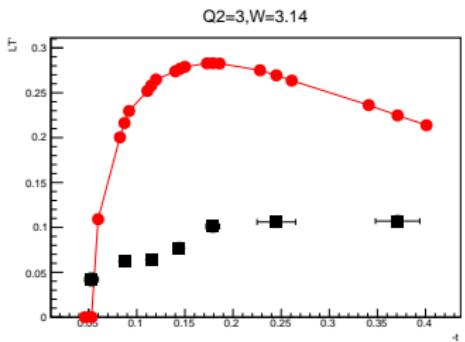




Was finding "statistical" variation between theory points → had to increase number of calls to Monte Carlo



PARTONS vs data



Red: predictions from PARTONS, black: my data



Next Steps

- Finish last two settings
- Error analysis meeting
- Q2 scan
- Re-run PARTONS with $H_T * 2$