

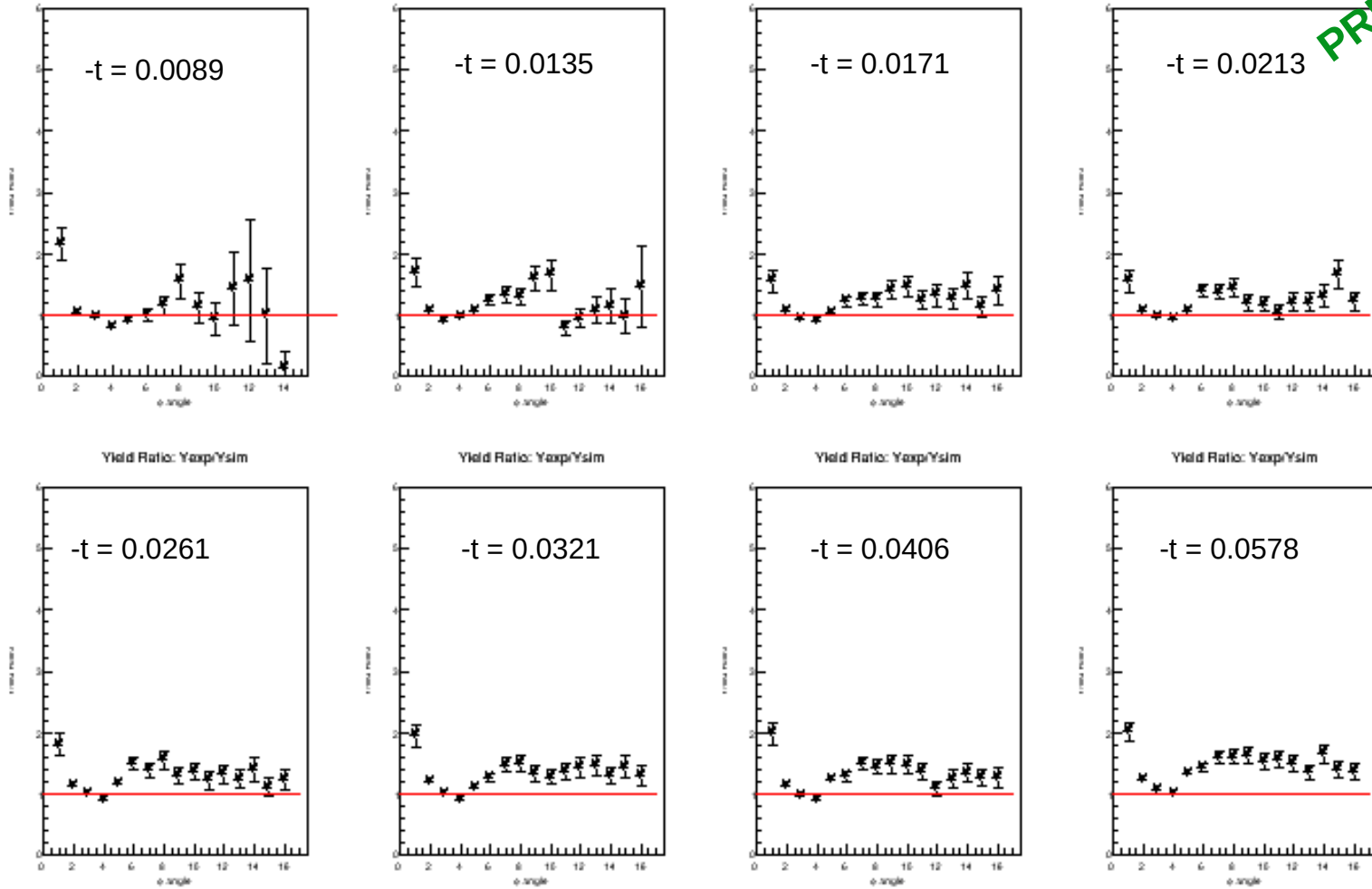
- **Working to analyze the summer 2019 data**
 - **$Q^2 = 0.38$ and 0.42 GeV^2**
 - **Each Q^2 has 3 ϵ (low, mid & high)**
-

Update:

- Worked to calculate the ratio of experimental and SIMC Yields in each bin for **$Q^2 = 0.38 \text{ GeV}^2$** .
 - **8 t-bins and 16 phi-bins.**

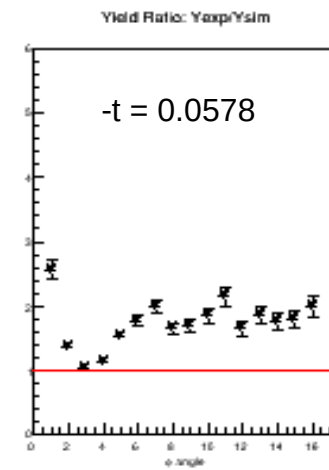
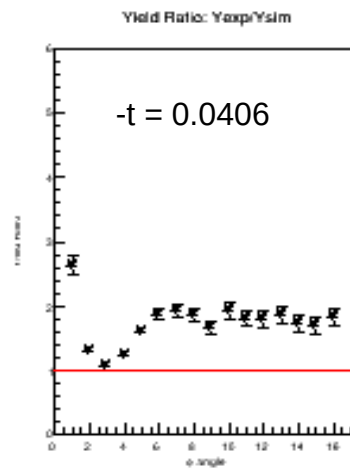
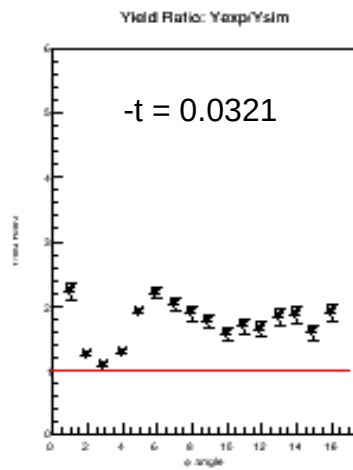
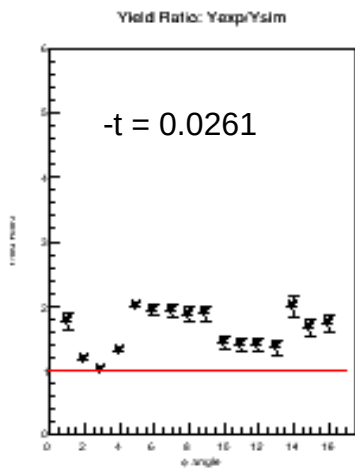
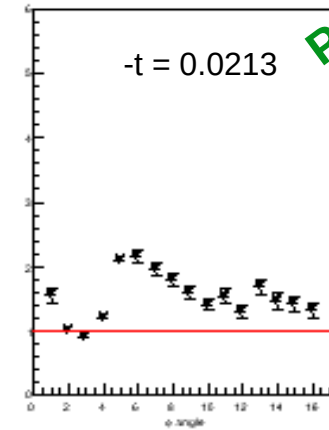
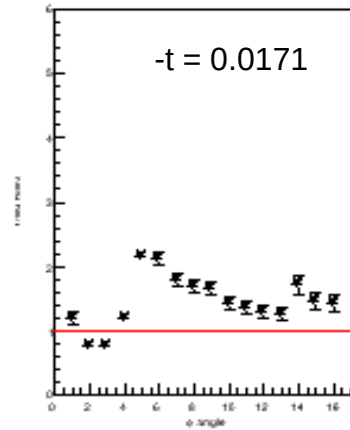
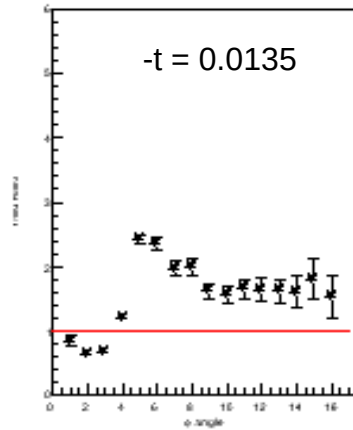
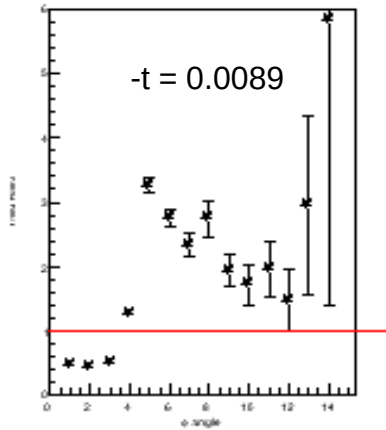
High ε :

PRELIMINARY



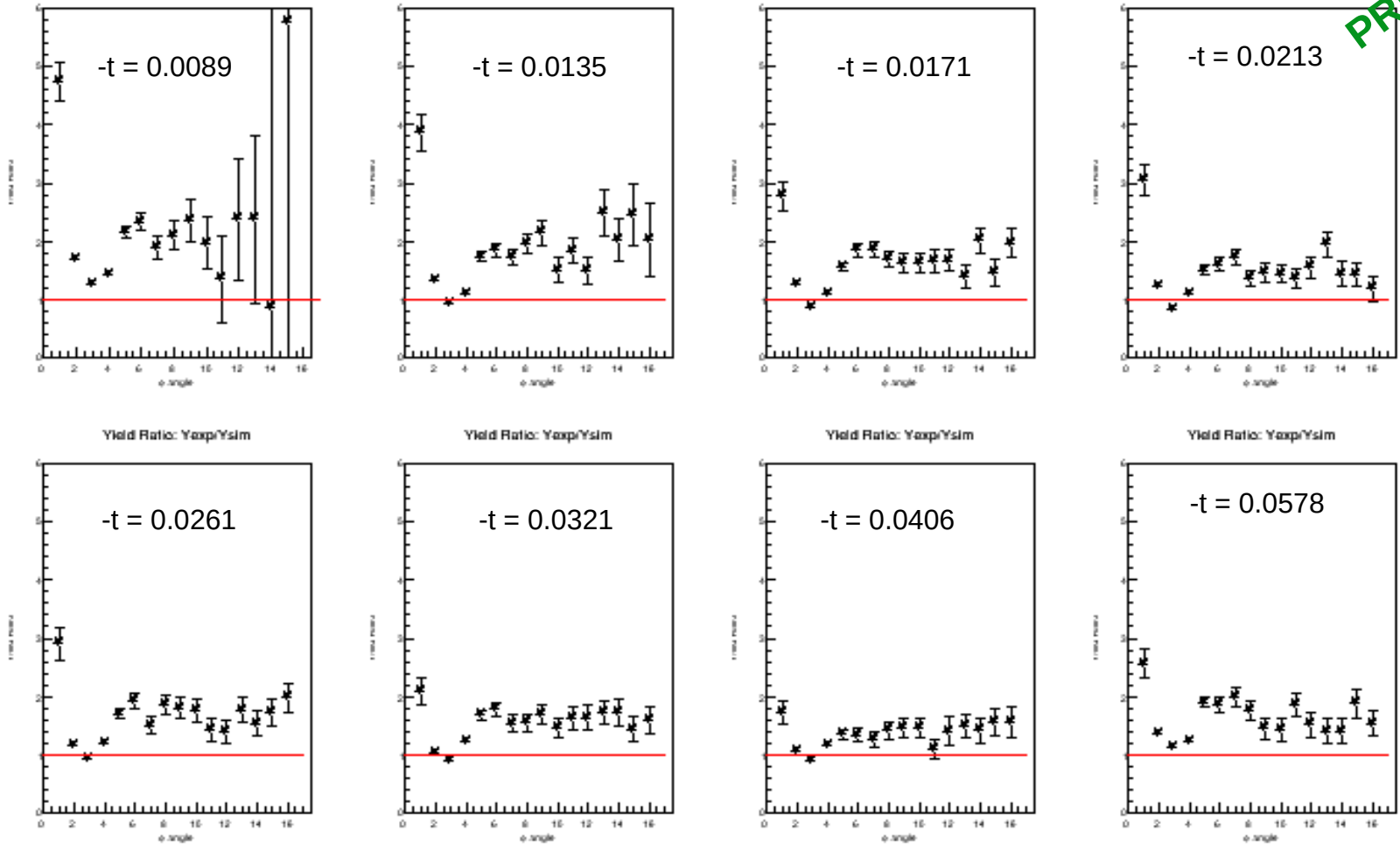
Mid ϵ :

PRELIMINARY



Low ϵ :

PRELIMINARY



Next Plan:

- It seems that I have SIMC model issues. I'm working to understand the SIMC model and then improve it for the current experimental data sets.
- I plan to calculate the experimental cross-section for $Q^2 = 0.38 \text{ GeV}^2$ and then the LT separation.