

AnalysisMeeting072009

Jon Miller

Status

- Defense date might be delayed again.
- Results for Kin2, Kin3 in thesis.
- Results for Kin4 should be done tonight
- Redoing GPD analysis.
- Chapter 5 + Appendix B + Thesis in directory.
- Chapter 6 to be completed.
- Appendix A to be completed.
- Known Analysis Bugs
 - Using the proton mass instead of the neutron mass

Kinematic 2

- Changes
 - Fixed post processing
 - Cuts
 - RFshift
 - Include both Kin2a and Kin2b in analysis
- Results
 - Drop in Gen compared to last months Kin2b results
 - Small
 - Decrease in raw asymmetry (expected)
 - $-0.050 \rightarrow -0.045$

Kinematic 3

- Changes
 - Fixed post processing
 - Cuts
 - Rfshift
 - Change Invariant Mass cut
 - Changed theoretical helium ratio 2.15 -> 2.31
- Results
 - Drop in Gen compared to last month
 - High DN2
 - High Dn
 - Decrease in Raw asymmetry
 - -0.041 -> -0.036