

Analysis Progress

for the d_2^n analysis meeting

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- 1 Status Update for Hall A Collaboration Meeting
- 2 Compton: Correction for HWP Insertion
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Status Update for Hall A Collaboration Meeting

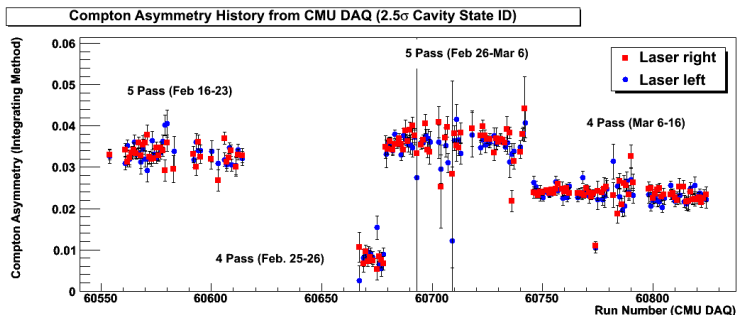
- Text update (for Annual Report) and status report talk both successfully completed
- I've added a new header in the Wiki for talks at non- d_2^n meetings:

https://hallaweb.jlab.org/wiki/index.php/D2n_Talks/Reports#Other_Collaboration_Meetings_and_Conferences

- J.P. provided feedback regarding the observed momentum dependence of the LHRs Cerenkov pion rejection efficiency
- Guy Ron asked a physics/analysis question:
 - Can we use the data from unpolarized 4-pass running to measure the EMC effect?
 - We had three days of unpolarized 4-pass beam (February 23-26)
 - We were taking BigBite runs during this time

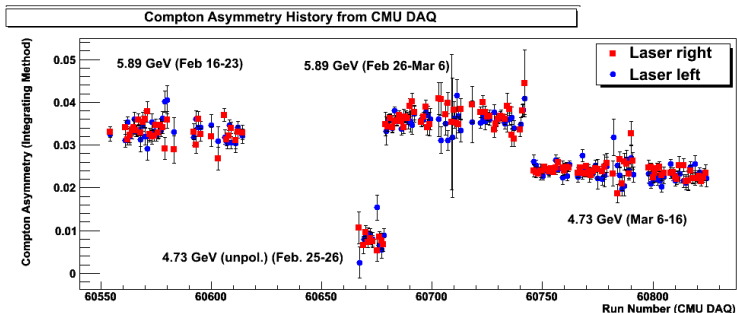
IHWP Correction to Compton Data

- If the injector HWP is inserted partway through a run, the asymmetry is diluted
- Asymmetry code has now been fixed to correct for this problem



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What's Next?

- Compton
 - Begin study of systematics
 - Down-and-dirty asymmetry numbers for first week of running
- Beamline calibrations
 - Beam charge calibrations (from scalers)
 - BPM calibrations
- BB Optics
 - I'm working through Xin's optics code to understand his approach better
 - I hope to have something to share by the next meeting!