

Group meeting

June 21th, 2024



Instruction responsibilities

- Classes for Fall 2024:
 - PHY 331:
 - **Need to make syllabus**
 - Made Canvas course request
 - Notified bookstore of book being used in class
 - PHY 361:
 - **Need to make syllabus**
 - Made Canvas course request
 - Notified bookstore of book being used in class

Service responsibilities

- Committee:
 - GlueX Compton Analysis Review Committee:
 - Waiting for author response

Group responsibilities

- Undergrad: Worked with Dylan on Tuesday

Analysis

Presentations:

- Presented material to Cross Section Working Group

KKpi analysis:

- Polarization setup in progress
 - Have 2020 data (thanks Alan!)
 - Cutout coherent edge (E_γ between 8.0 and 8.6 GeV) from data
 - Separated files by polarization orientation
 - Ran/running MC in coherent edge
 - Have normalization for data
 - Ran stage2Q
 - **Need to run stage3**

Ξ^* analysis:

- Vertex analysis now includes pathlength significance as given on page 13 of <https://halldweb.jlab.org/DocDB/0046/004607/004/DSelectorDoc.pdf>
- **Need to rerun pathlength study to include pathlength significance**
- **Need to run MC to find mass[$\Xi\pi$] resolution over mass range 1.46-1.75 GeV**

$KK\pi$ Polarization Setup

Test 2

Test 2:

- Process the four polarization files as different reactions within the AmpTools framework



Test 2 is not going well ☹️

- Jobs are taking a very long time to complete
- 8 failed jobs
- 2 dead nodes

Decided to kill the rest ☹️





