

Week 5 Overview

Emmy Plage

What I did/ What I will do

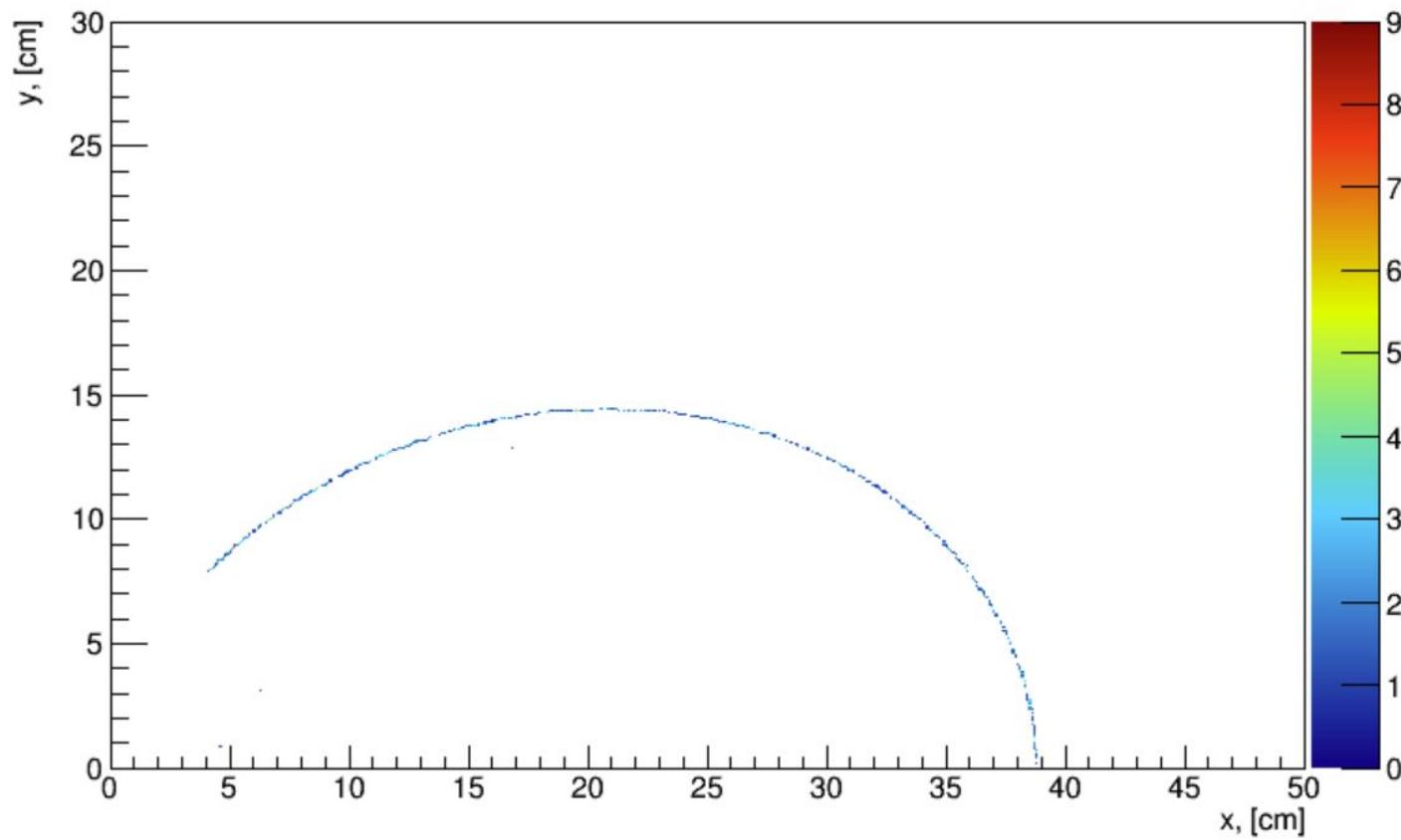
This week:

- Completed the radiation training
- L2 is working ! - tried some different radii
- Traveled to JLab and got a tour of the Gluex Experiment

Next week:

- Figure out where the code defines the material of the second lens in L2 and change it to air
- Will talk more about that today

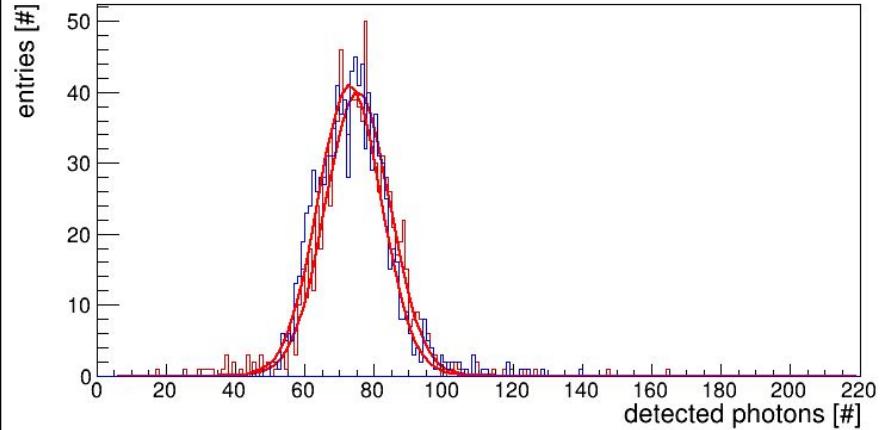
$$r_1=70.00 \quad r_2=0.00 \quad \varepsilon=72$$



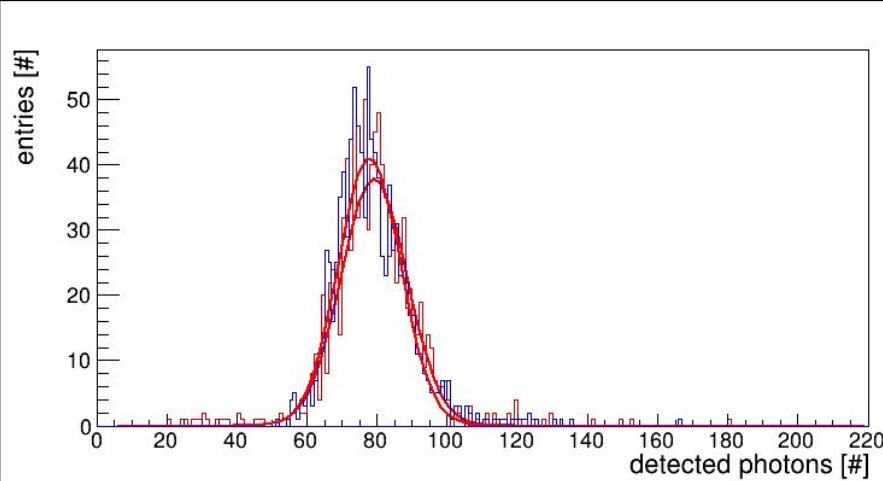
radius 1: **70 mm**



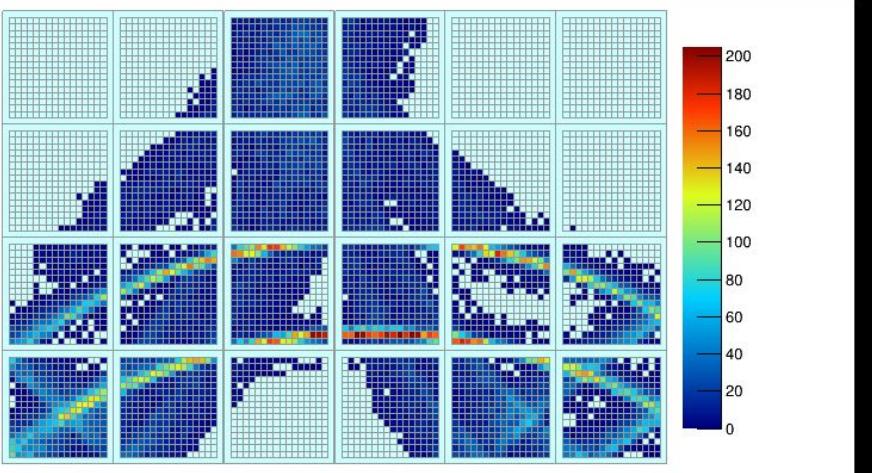
Animate



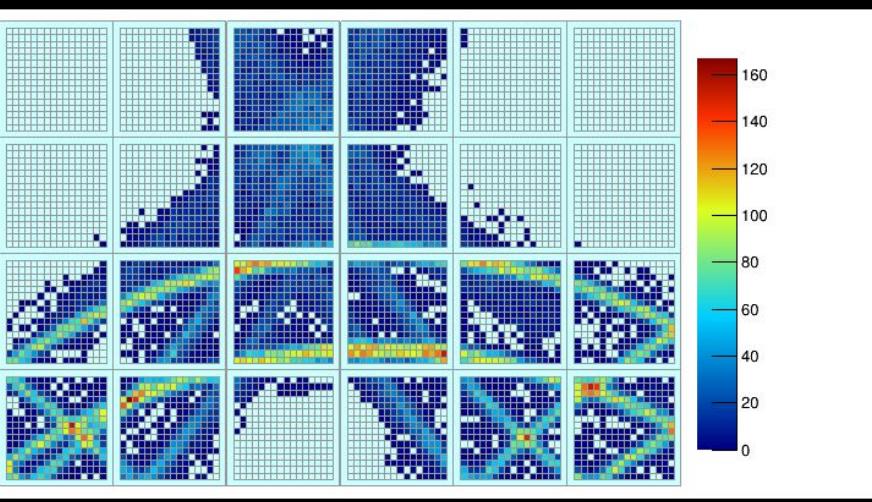
Original Radius:
70 mm



New Radius:
140 mm

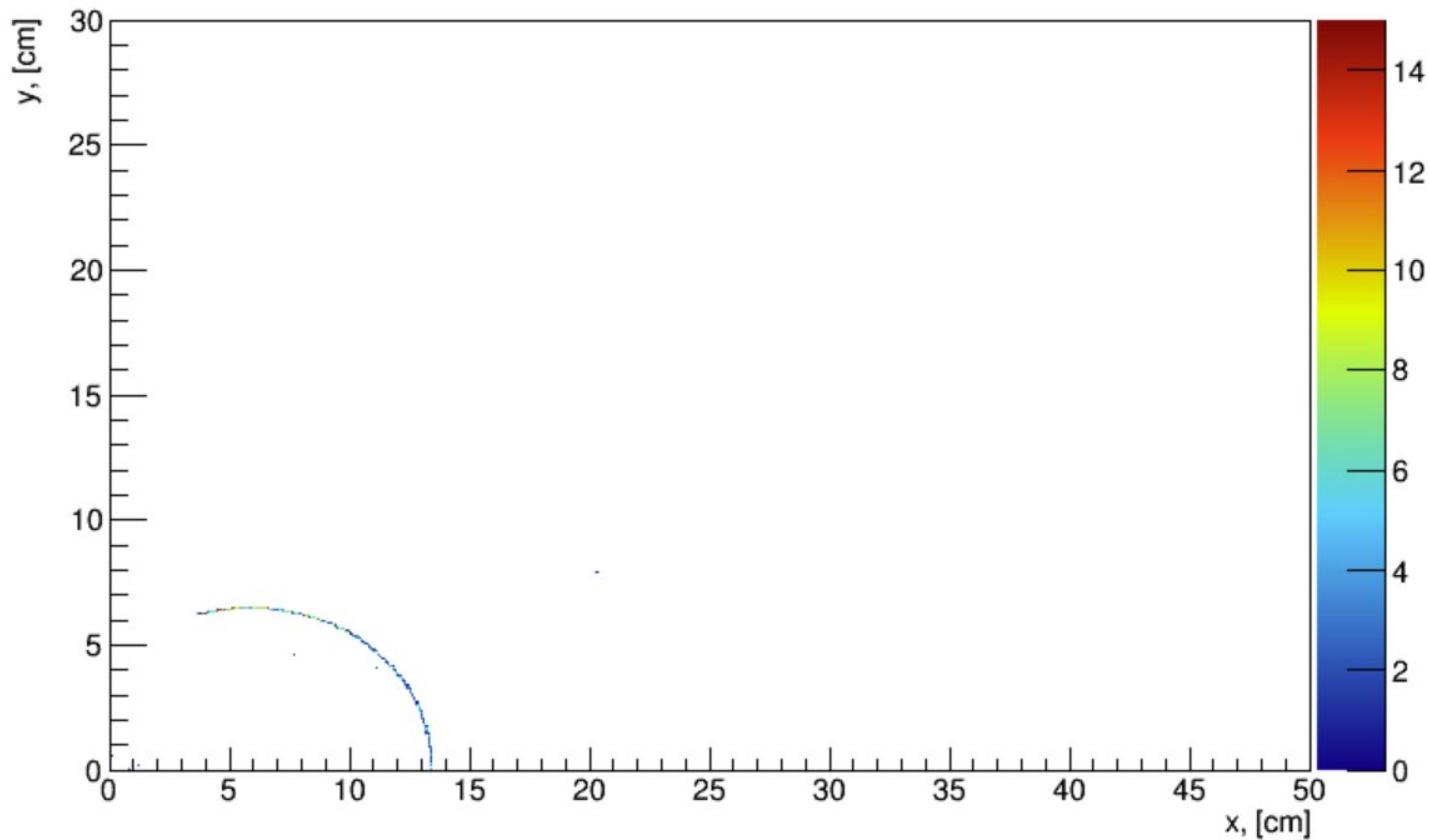


Original Radius:
70 mm

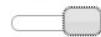


New Radius:
140 mm

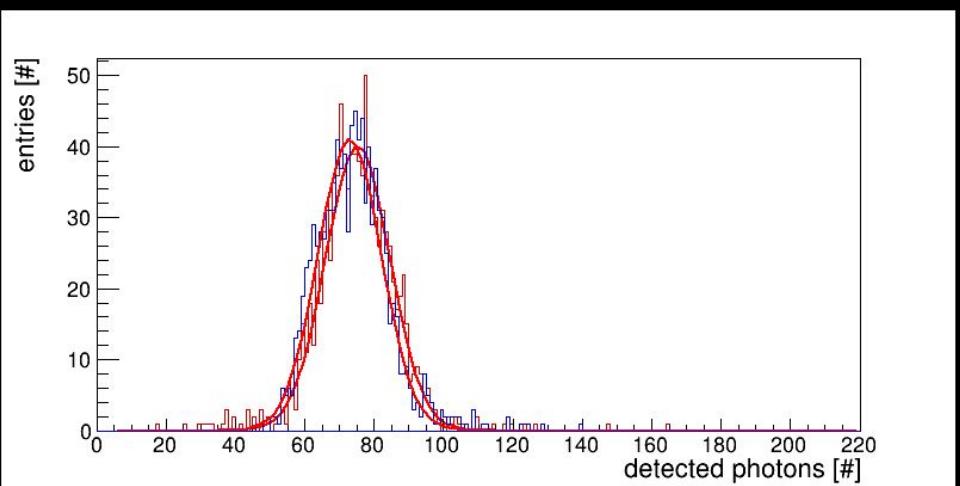
$$r_1=24.00 \quad r_2=0.00 \quad \varepsilon=75$$



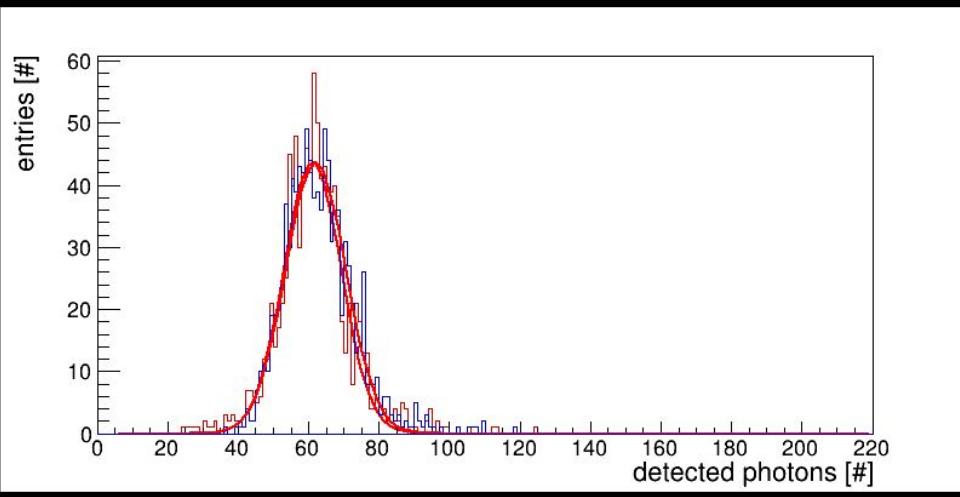
radius 1: **24 mm**



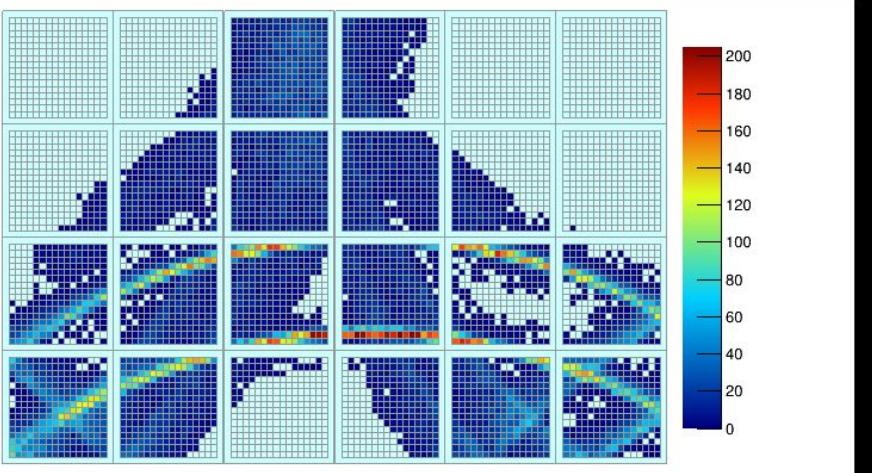
Animate



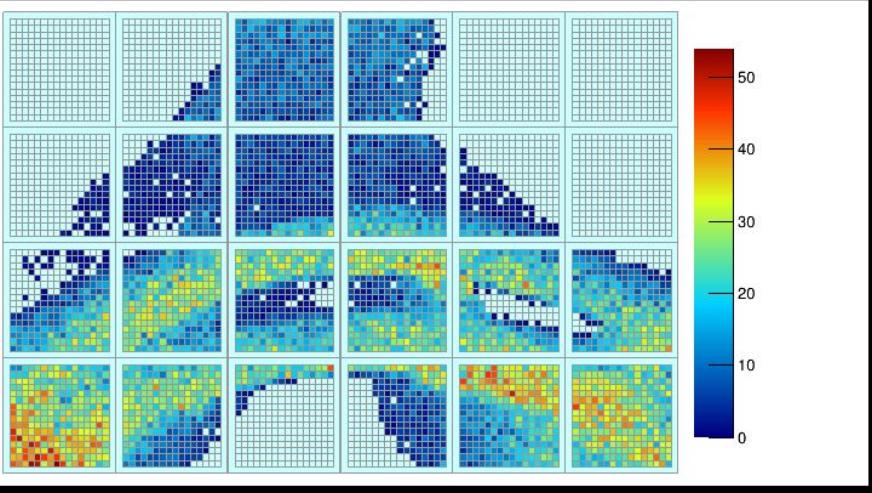
Original Radius:
70 mm



New Radius:
24 mm

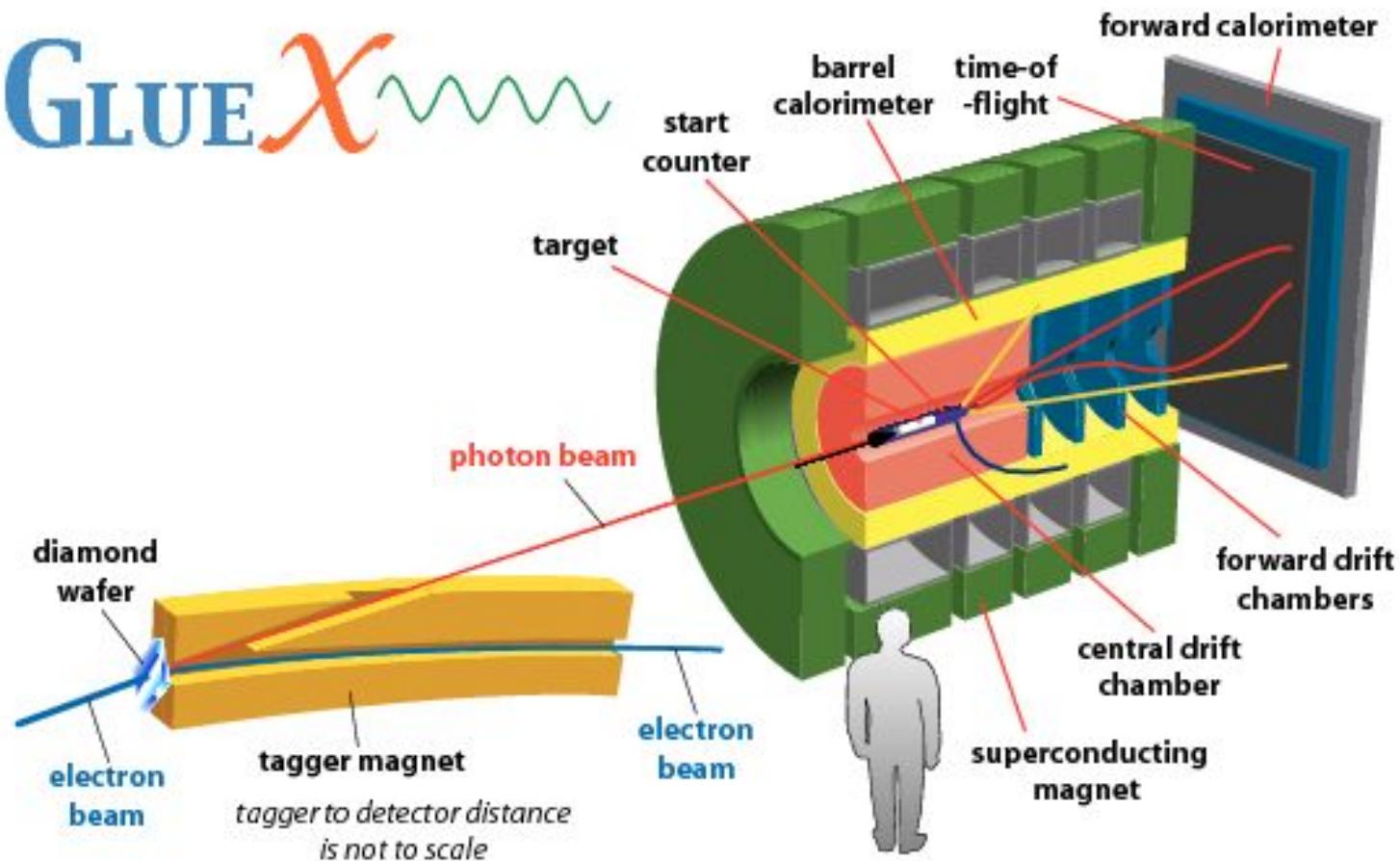


Original Radius:
70 mm



New Radius:
24 mm

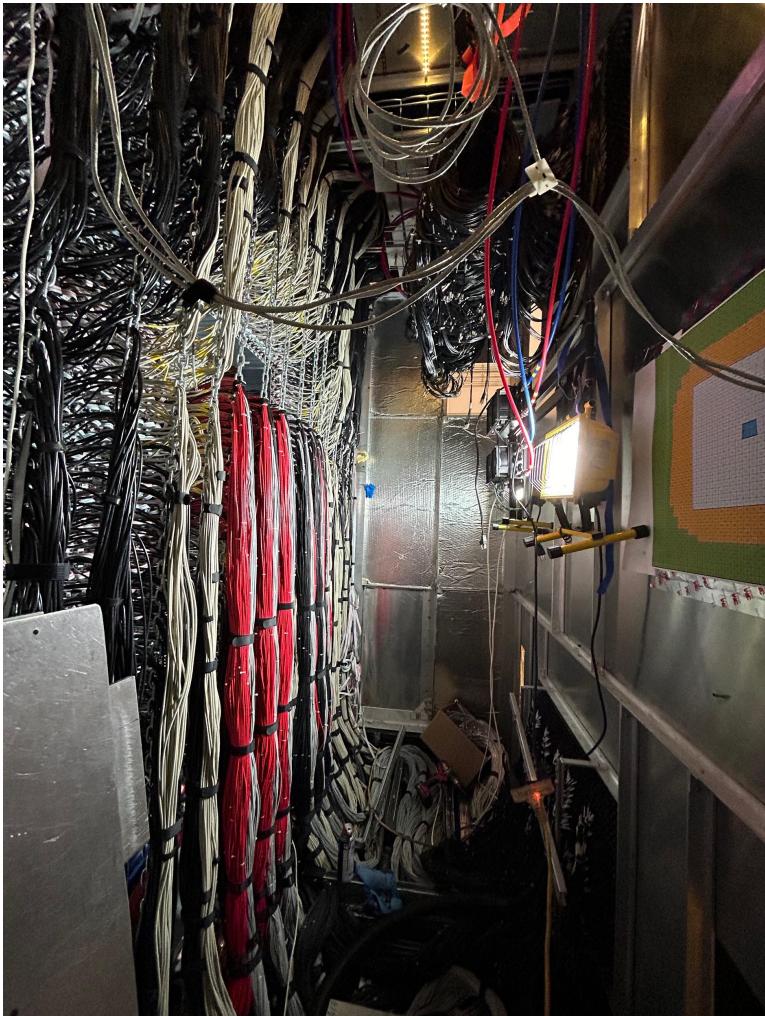
GLUE χ

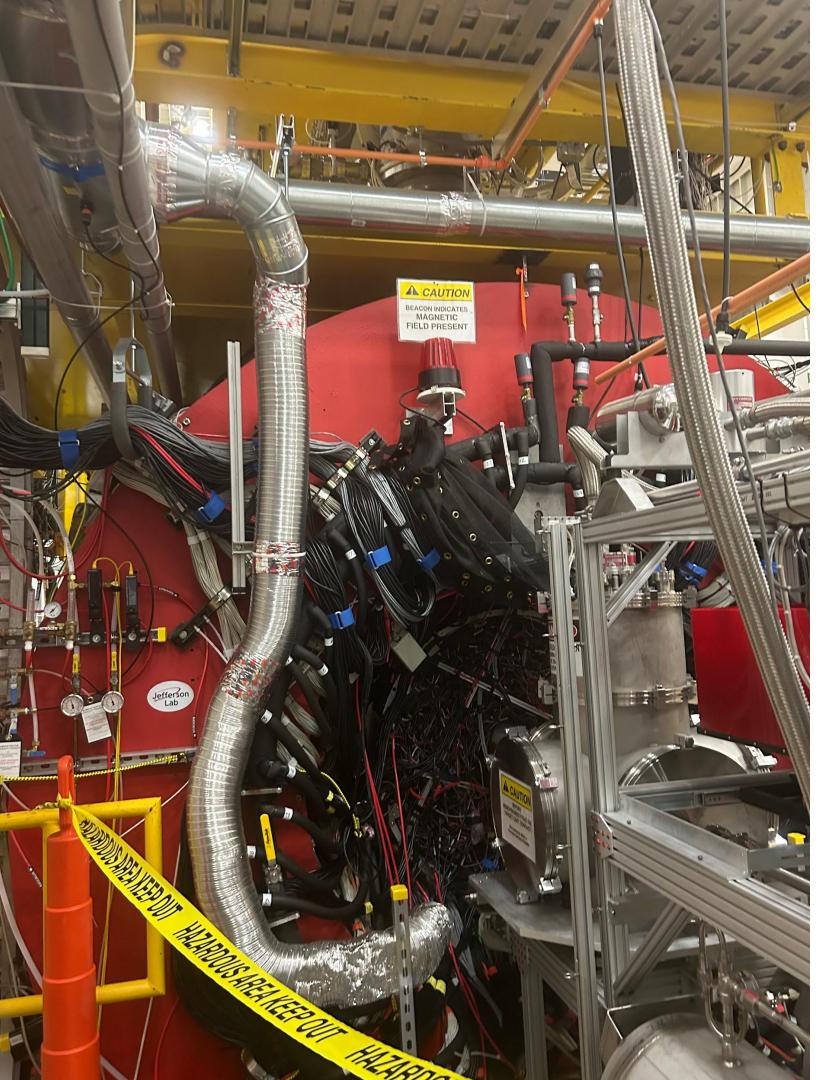




One of the
Bars for DIRC
detector

Inside the
time of
forward
calorimeter





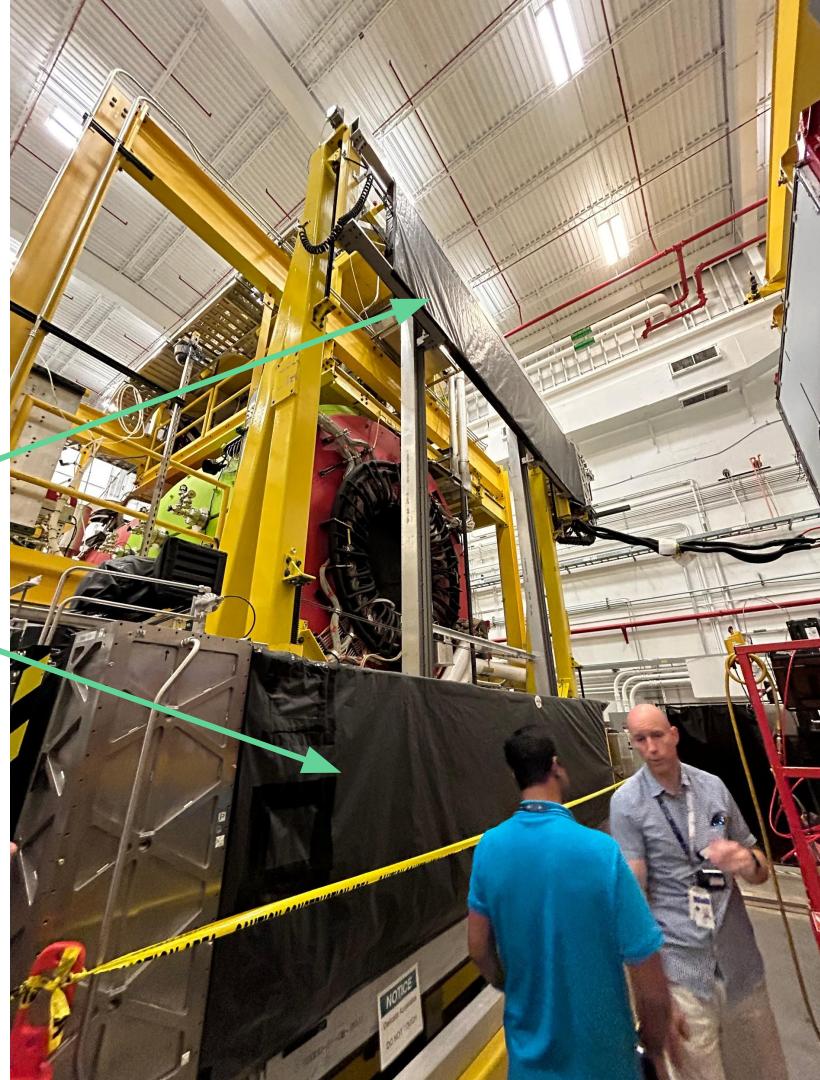
Target end
of the
central drift
chamber

Forward
drift
chamber
end of the
Gluex





DIRC
Detector



Monte Carlo

