

March 27, 2023

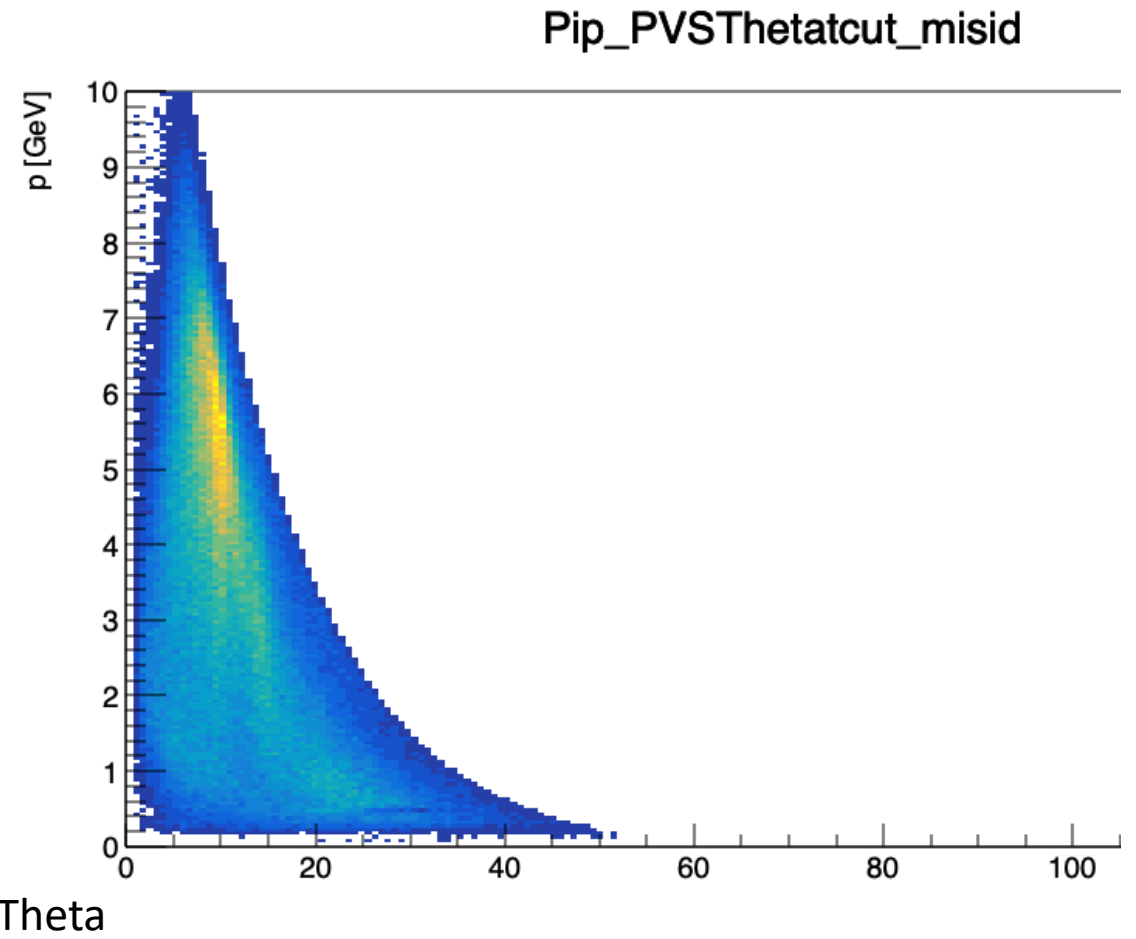
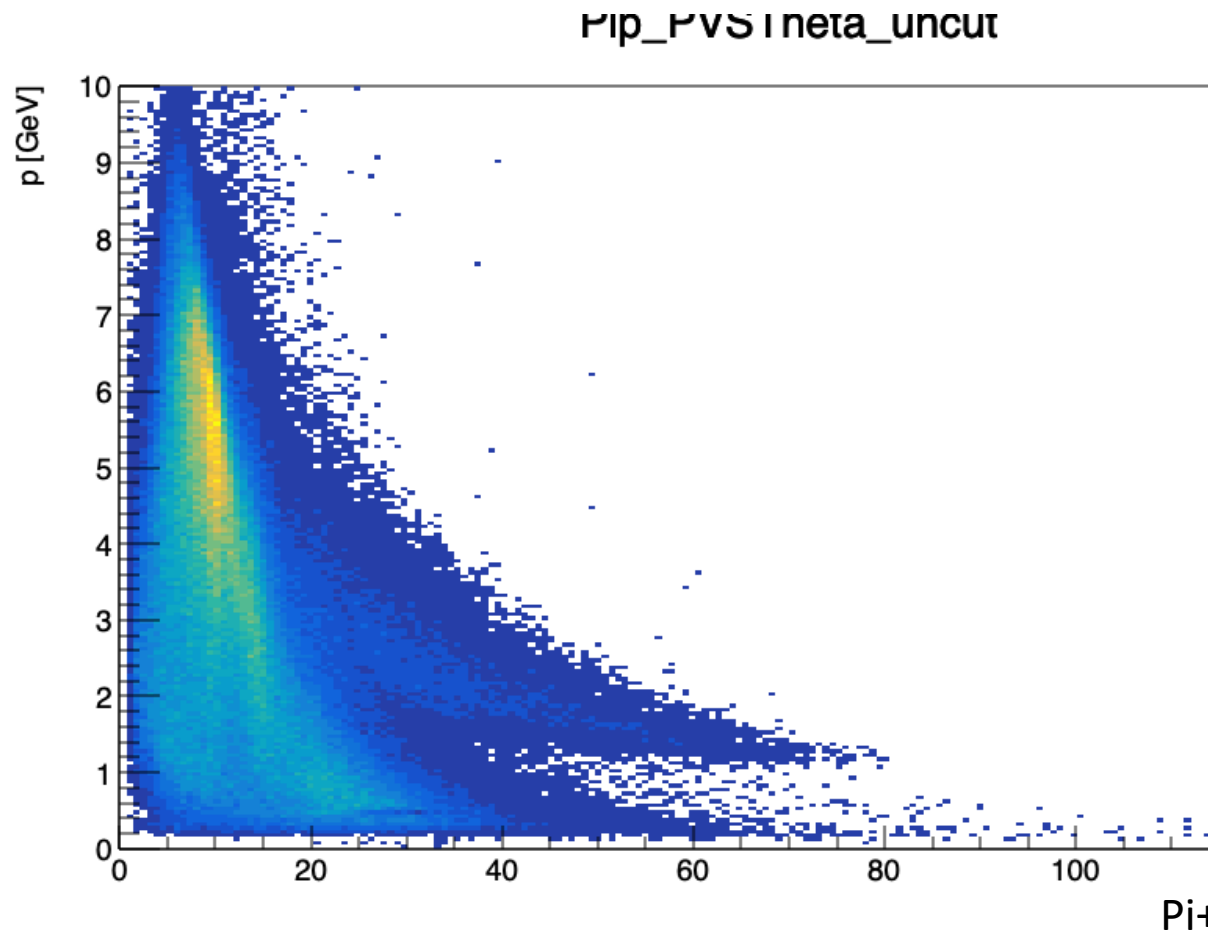
Phoebe Sharp

Hall D SRC-CT Meeting

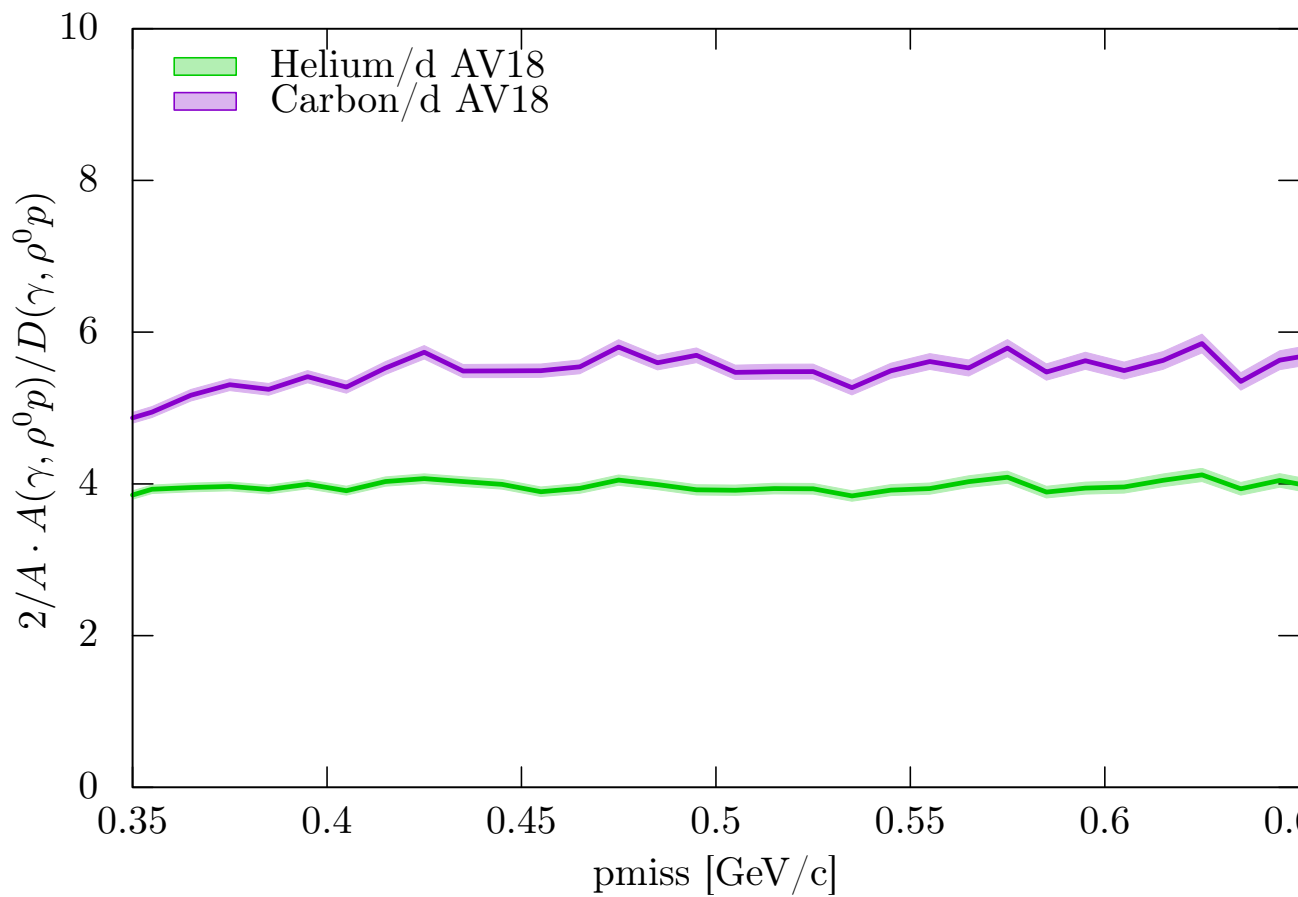
Cuts $D(\gamma, \pi^+ \pi^- p)X$ AV18 - SIMULATION

- Event Generation
 - -t-cut > 1
 - -u-cut > 1
- Reaction Filter:
 - Common Vertex
 - Momentum Conservation
 - $D(\gamma, \pi^+ \pi^- p)X$
- DSelector
 - 0 Extra Tracks
 - 0 Extra Showers
 - PIDFOM CL: 0.1
 - KinFit CL: 0.01
 - Beam Photons energy between 6 - 10.8 GeV
- Analysis Script
 - -t-cut > 1
 - $p(\pi^+) = e^{-0.08 * (\pi^+ . \theta) + 2.85} - 0.1$

$$p(\pi^+) = e^{-0.08 * (\pi^+ \cdot \theta) + 2.85} - 0.1$$



GCF+Geant



GCF

