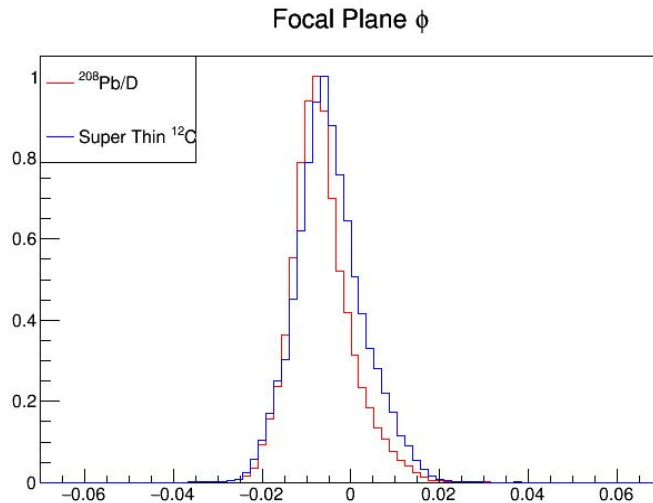
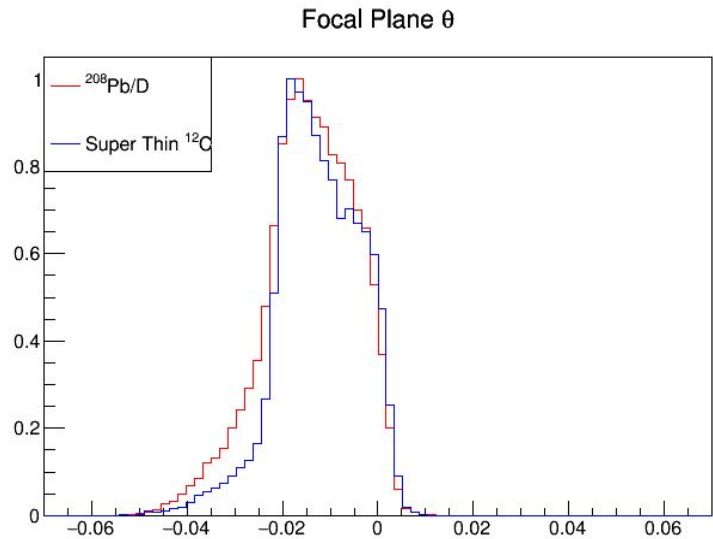
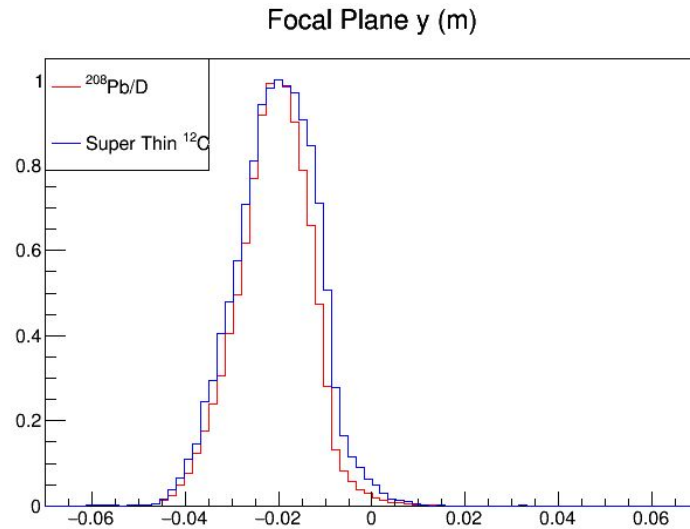
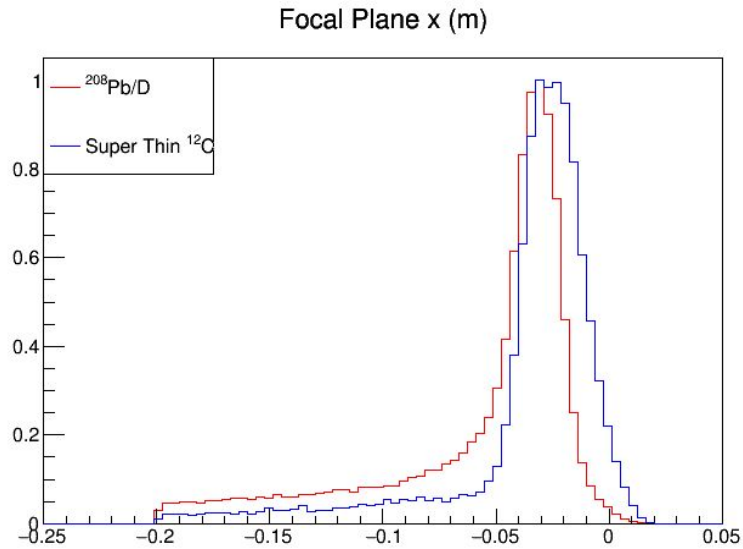


Focal Plane Distributions

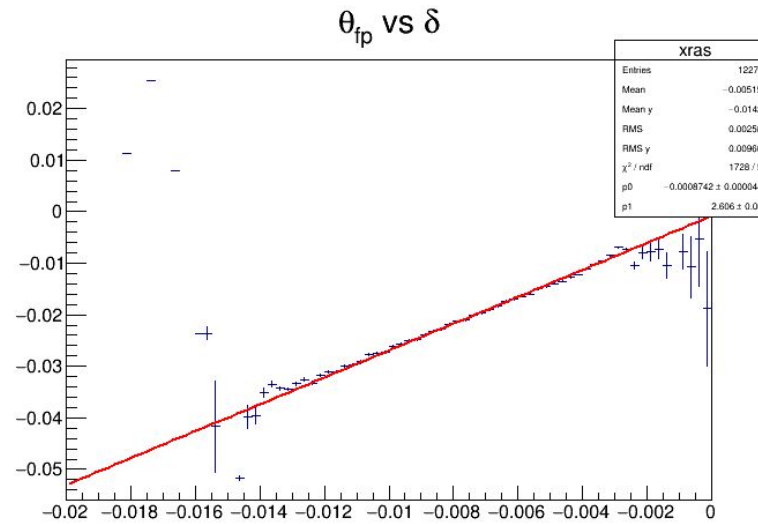
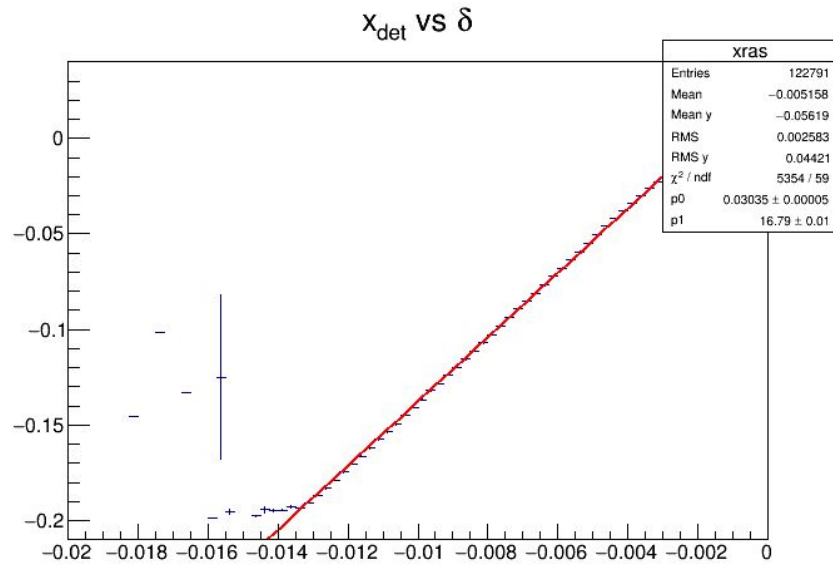
Focal Plane Distributions (Data)



- Red – $^{208}\text{Pb}/\text{D}$ Q^2 (Run 27427)
- Blue – ^{12}C Q^2 (Run 27418)

Both data sets have the beam raster on

Checks



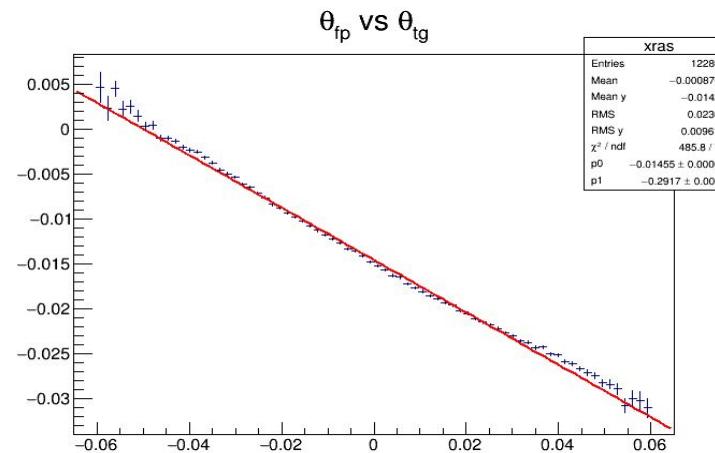
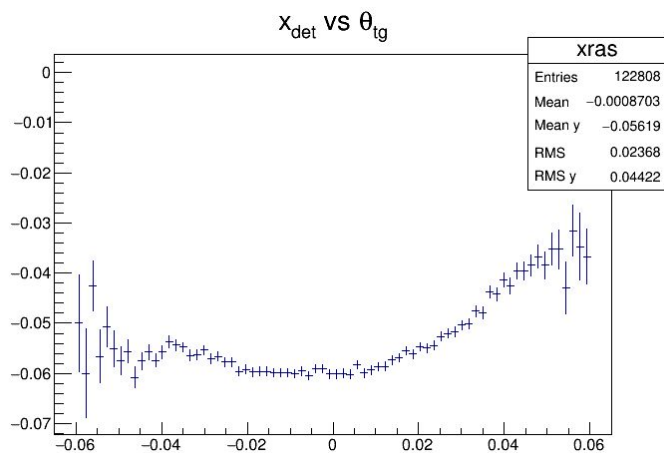
Data (Lead Run 27427)

$$(x|\delta) = 16.79$$

$$(\theta|\delta) = 2.606$$

$$(\theta|\theta) = -0.29$$

HRS-Trans



$$x|\delta) = 16.73$$

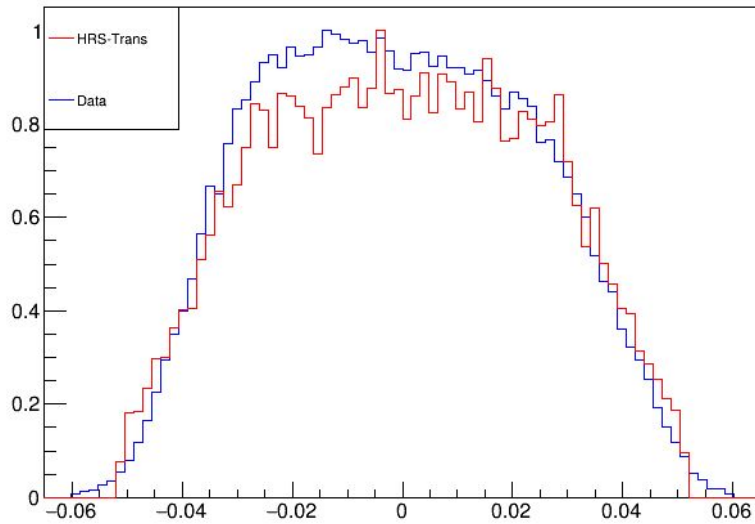
$$(\theta|\delta) = 2.5$$

$$(\theta|\theta) = -0.34$$

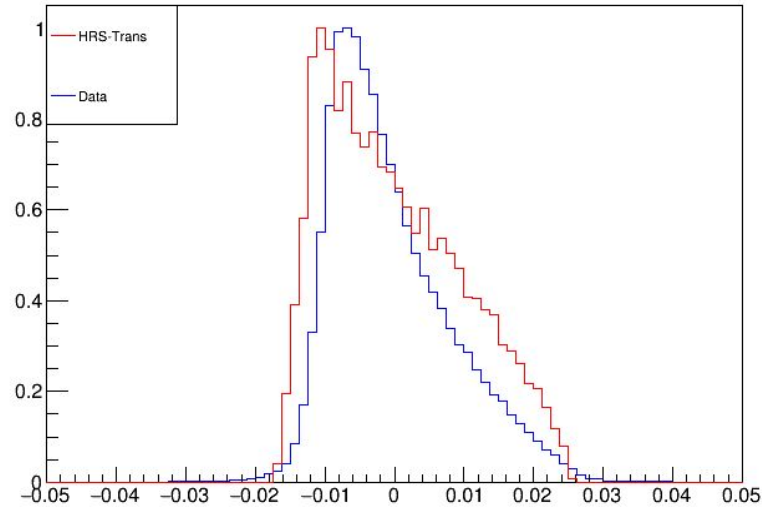
All to first order

Target Variables

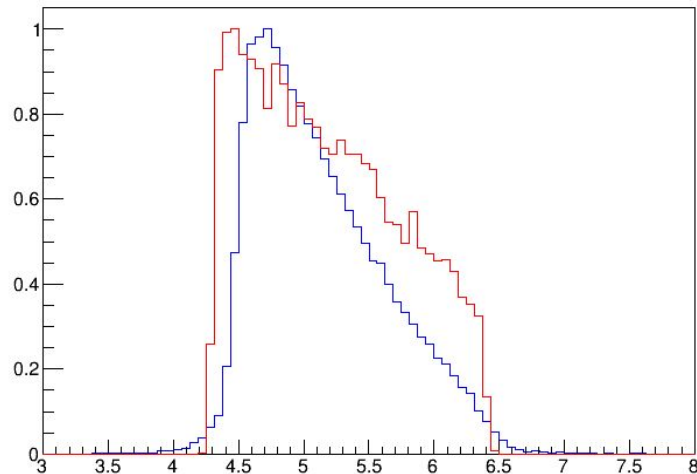
Target θ



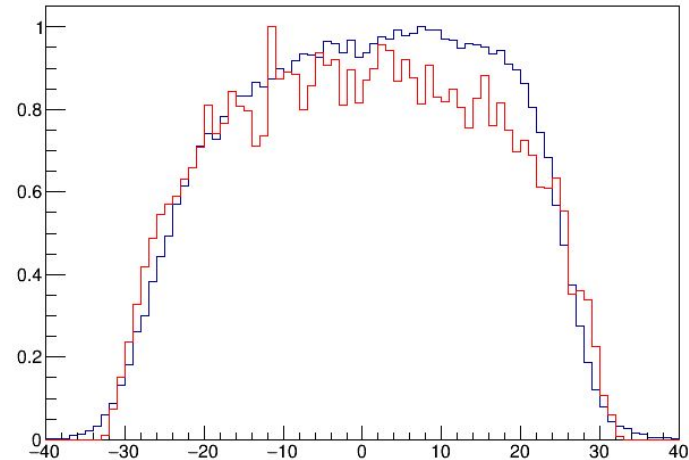
Target ϕ



Acceptance Θ



Acceptance Φ



- Red – HRS-Trans
- Blue – Lead data (Run 27427)
- Included Cross Section Weighting in the HRS Trans Code
- The histograms generated from HRS-Trans have the collimator cut enforced.