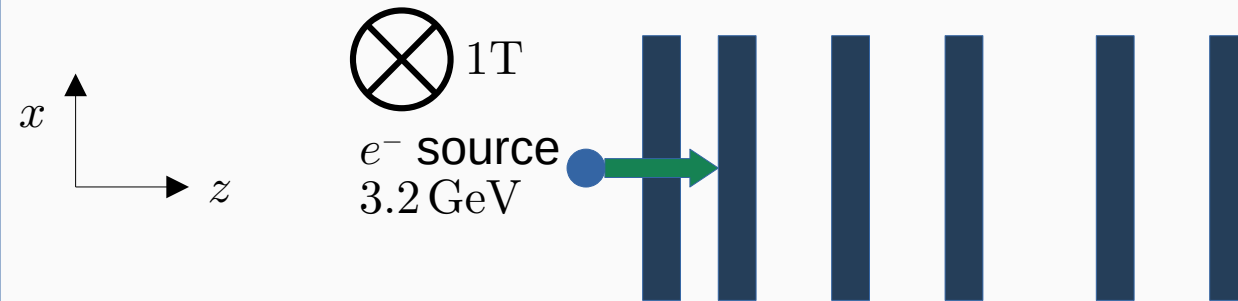


ACTS in Key4hep

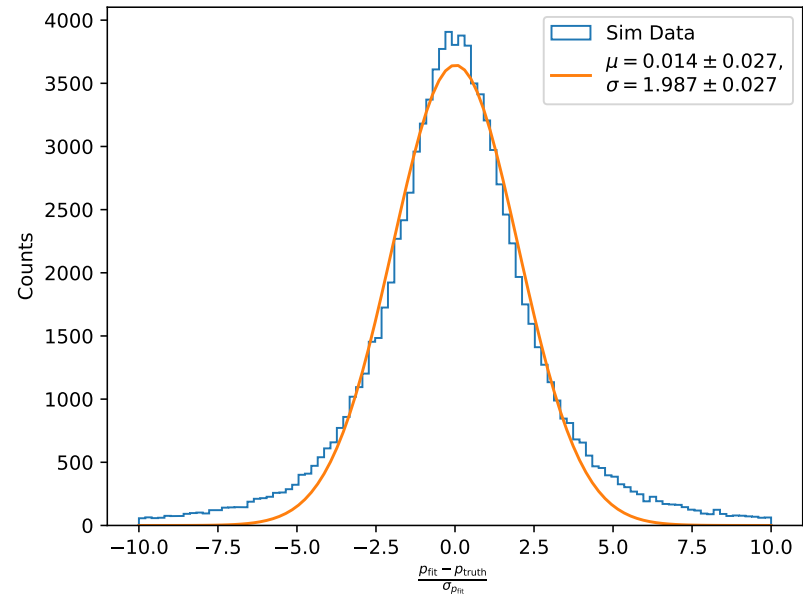
Goal: Minimal setup for telescope tracker + ACTS



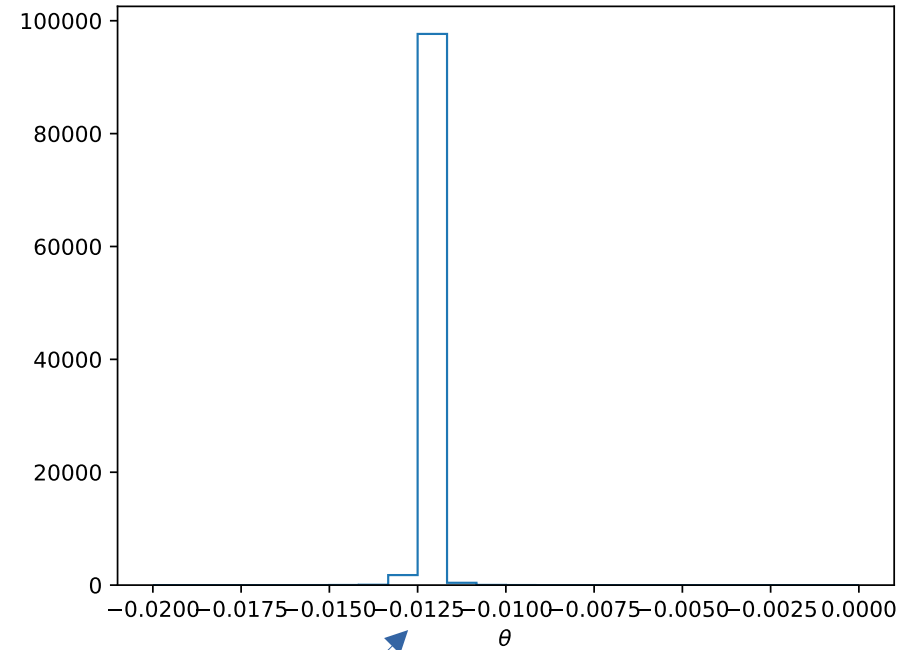
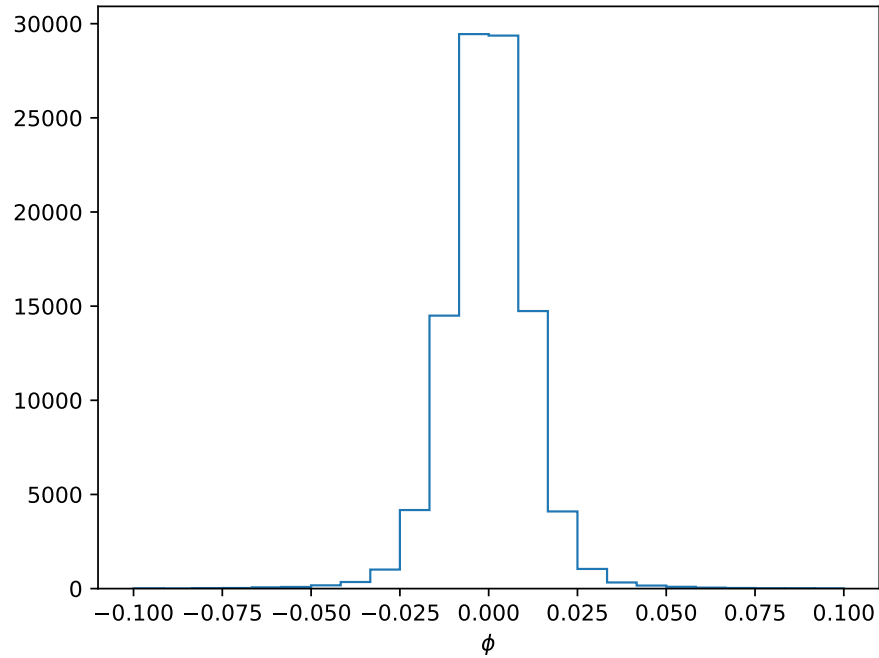
- Read in Detector Info and magnetic field
- Convert to ACTS Geo
- Read hits and assign correct surface
- Rotate everything by $\pi/2$ around y
- Init Kalman Fitter
- Do Fit
- Convert back to EDM4hep

ACTS in Key4hep

- A bunch of values (resolutions, B at some points,...) still hard coded
- No real seeding implemented
- Rotations inconsistent in ACTS > EDM4hep conversion
- Track hit in Track Collection not working
- CovMatrix also still needs work



ACTS in Key4hep



Why not at 0?