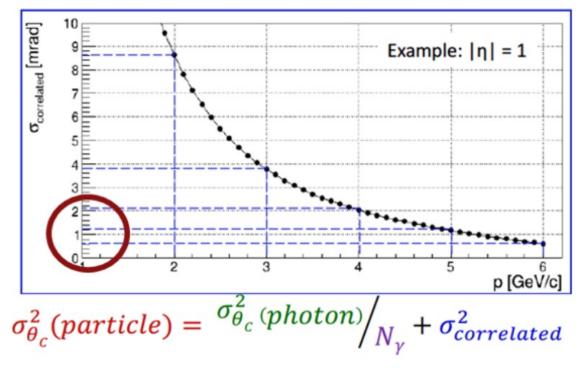
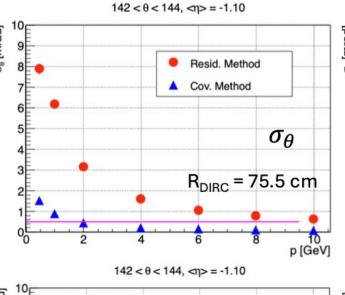
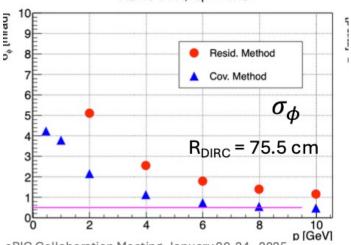
Maximum allowed contribution from correlated term while keeping hpDIRC π/K separation power at 3 s.d.







Discussion

- > Understand differences between the various methods used so far
 - Residual, covariance, hit extrapolations
 - Validate propagated trajectory covariance matrix

Optimizing the angular resolutions:

- 1. Implement Barrel Imaging Calorimeter (BIC) -- initiated by Wouter
 - Epic (<u>PR #710</u>)
 - ElCrecon (<u>PR #1570</u>)
 - Study impact on angular resolutions
- 2. Investigate CKF fitting direction
 - Study impact on angular resolutions
- 3. Extracting angular resolutions from full track vs. tracklet