

# GBL Extrapolation

Per Hansson Adrian 9/15/2015

Get a better estimate of the track at the Ecal

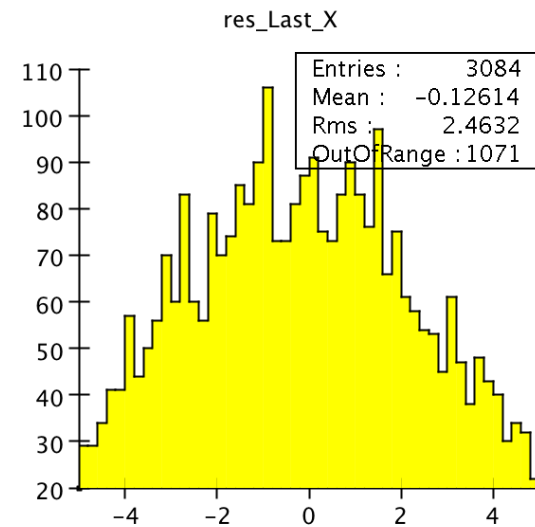
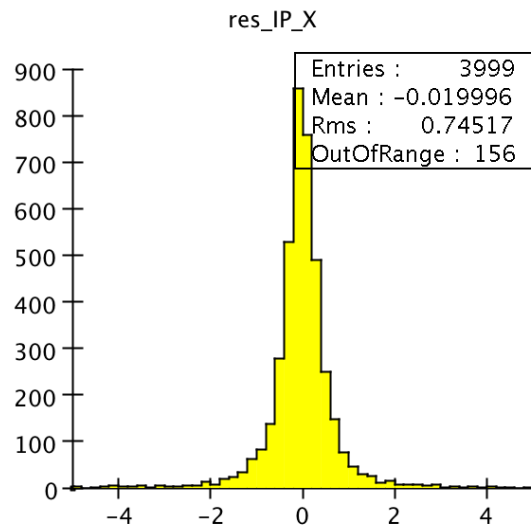
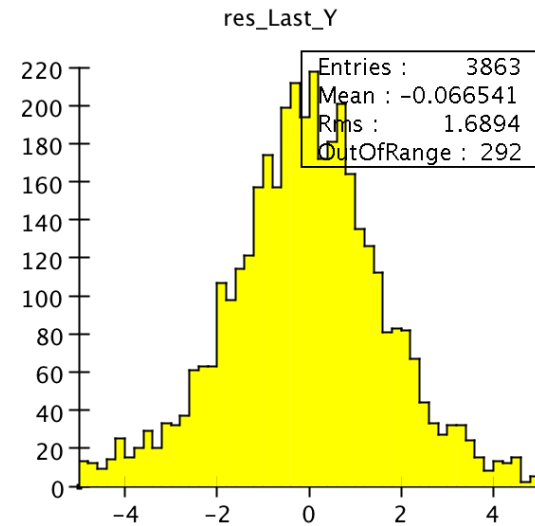
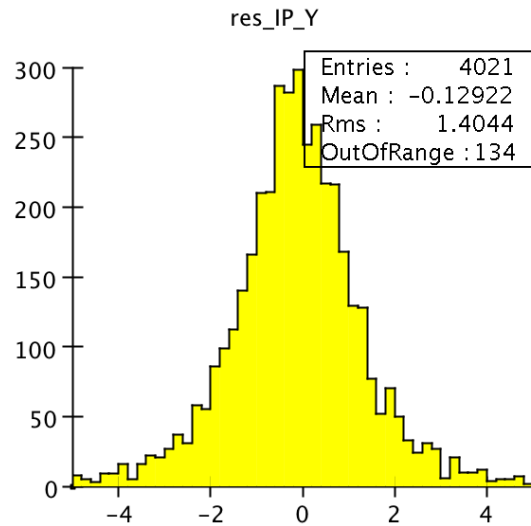
Use GBL track parameters

- Extrapolate using optimal track parameters at last hit
- Create new GBL track state: `TrackState.AtLastHit`

Validation?

- Compare residual distribution extrapolated from “AtIP” or “AtLastHit” states
- Use 3D hit position for residual here (should improve)

# Residuals: IP vs Last



# Residuals: IP vs L4 (upstream track point)

