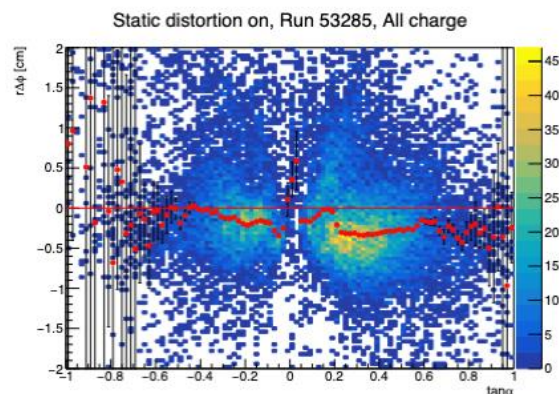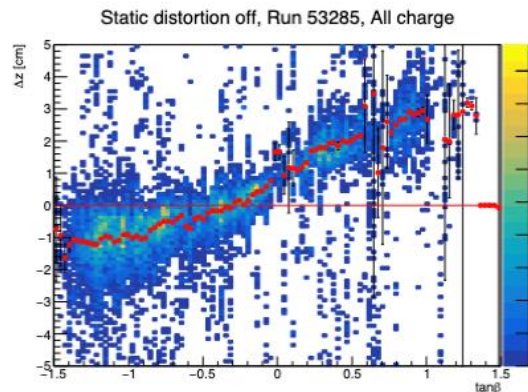# Distortions from SI-TPC-TPOT matched Tracks

Xudong Tu, 16.01.2025
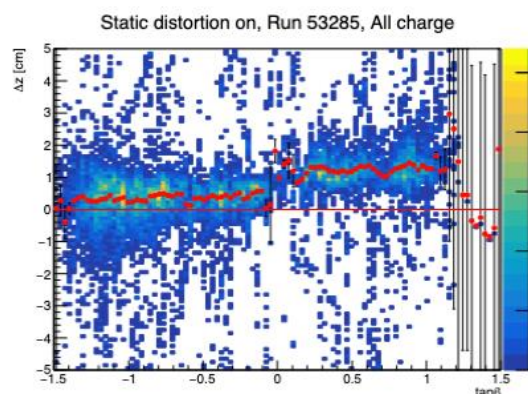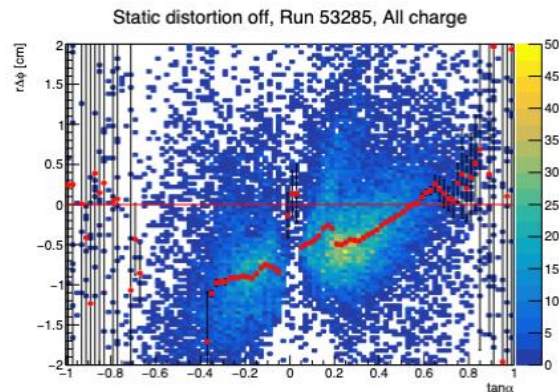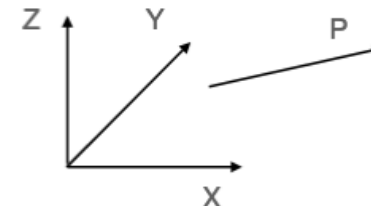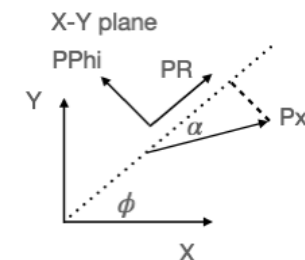
$$\tan \alpha = - \mathbf{PPhi} / \mathbf{PR}$$
$$\tan \beta = - \mathbf{PZ} / \mathbf{PR}$$

- Reconstruct tracks - Si – TPC – TPOT match
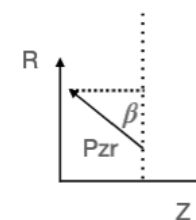 - Exclude TPC and fit Si – TPOT part to define trajectory
  - Check residuals in TPC
  - Directly evaluate R dimension of (static) distortion from dependence of the residual on local incident angle