

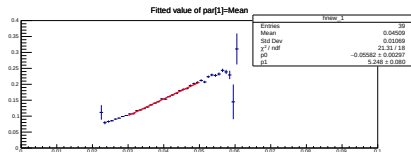
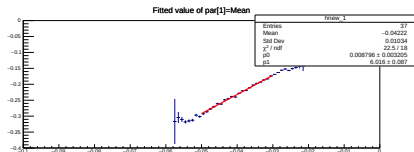
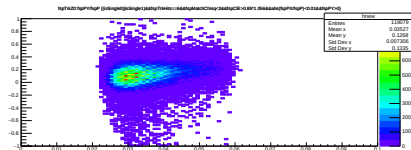
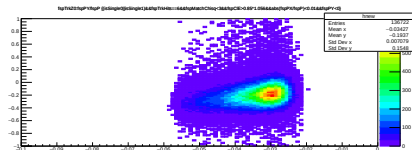
Global SVT alignment with FEEs

Sho Uemura

SLAC

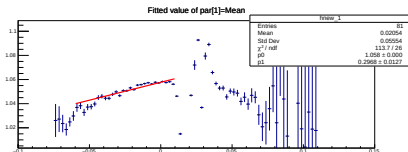
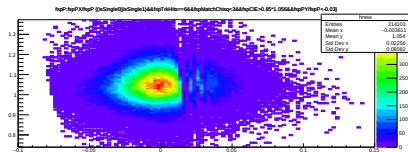
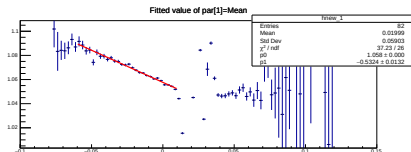
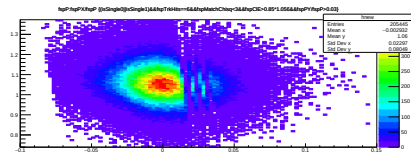
θ_y VS. Z_0

- Same as shown for Mollers last time
- Much cleaner, but why do top and bottom still not agree?



p vs. θ_x

- Momentum shifts with angle; trend is different on electron and positron sides
- Can be explained by stereo angle error (shifts hits horizontally: $\Delta x \propto x$): weak mode if you align only with FEEs, but straight-throughs should have resolved this



Impact of p vs. θ_x

- This probably goofs up my Moller-based alignment stuff (and creates a Moller mass dependence on ϕ)
- Explains the trend in track-cluster Δx vs. x
- Harder to correct post-recon, but should be doable to first order