

# Acceptance Update

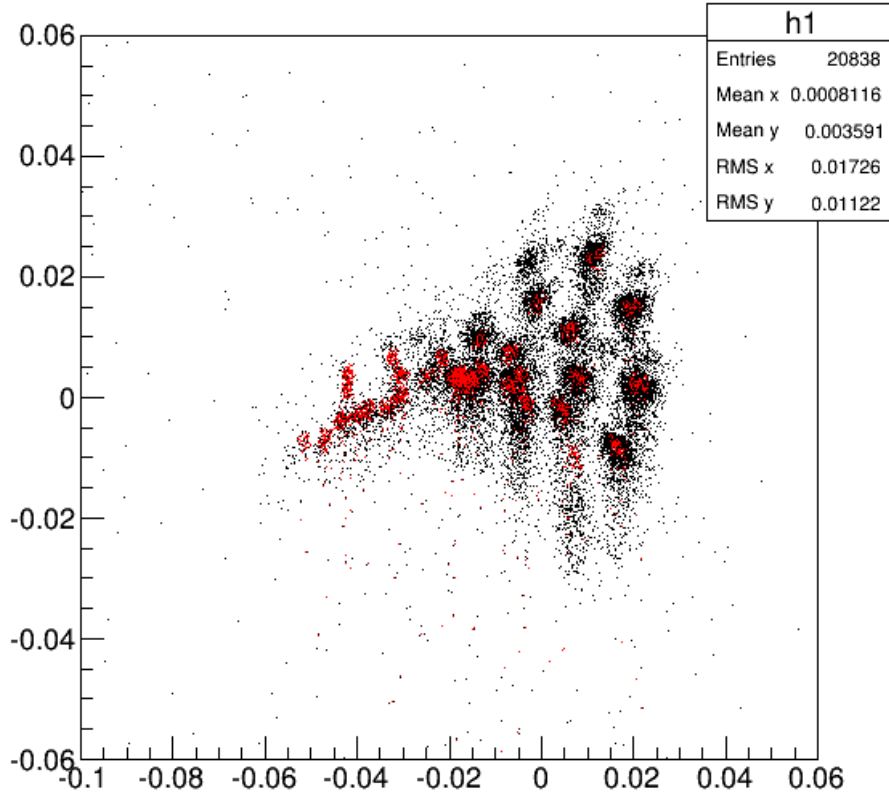
Min Huang

1/7/2015

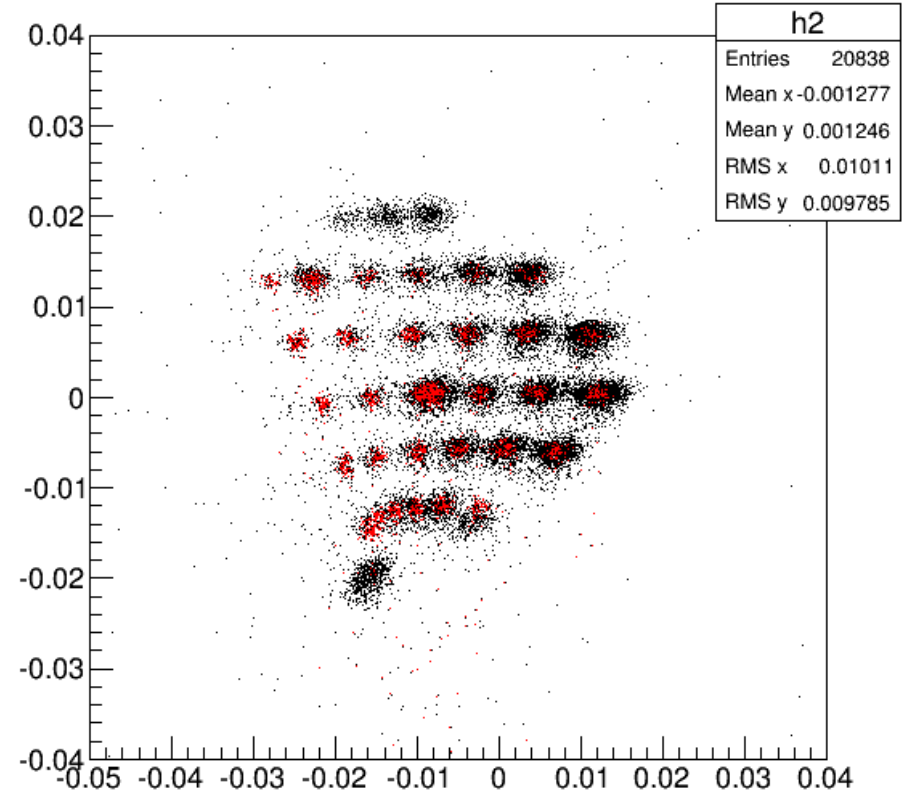
# Focal plane

dp=0%

x vs y



$\theta$  vs  $\phi$

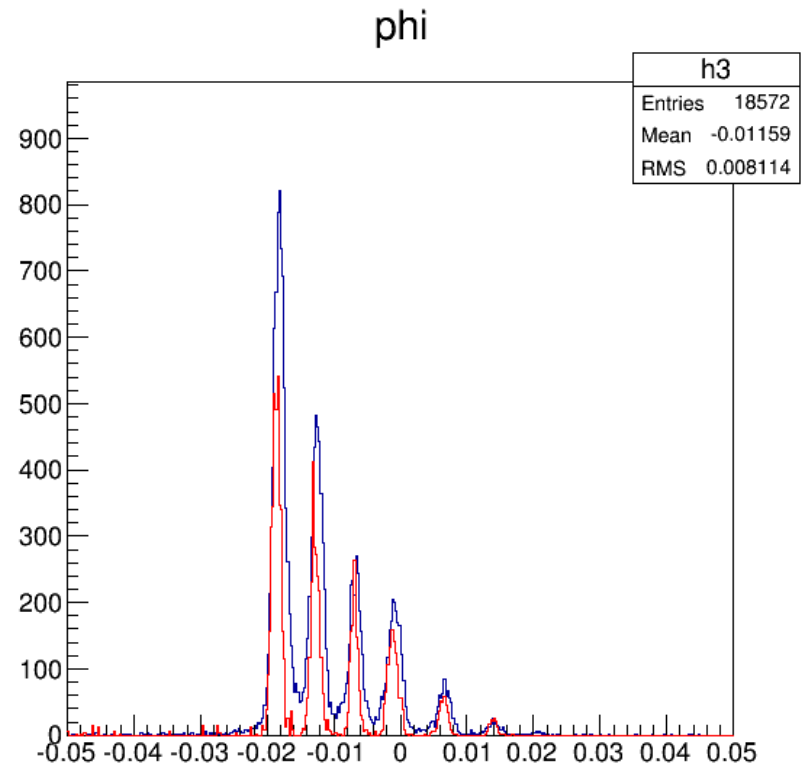
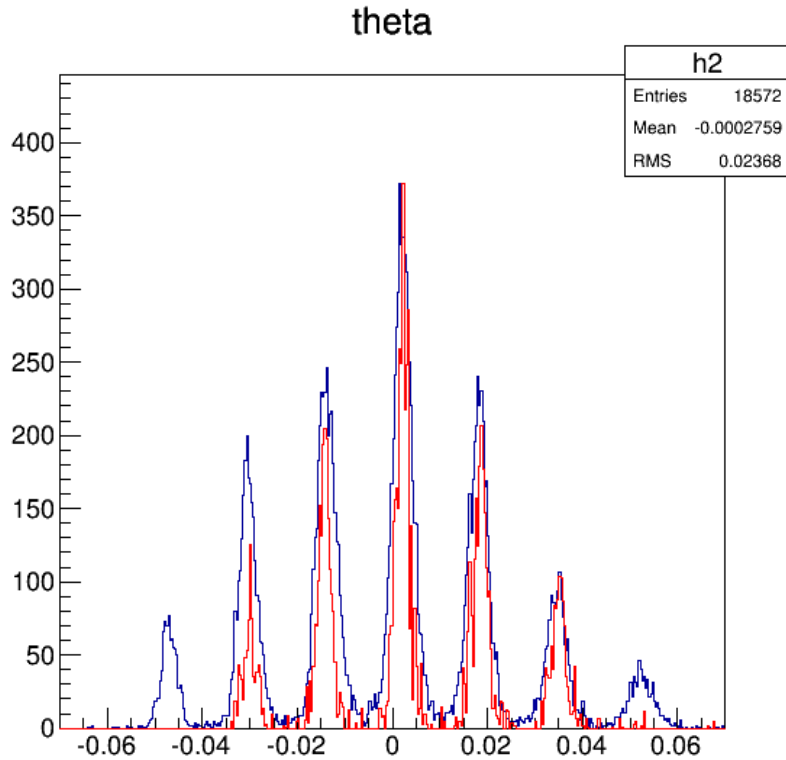


Used focal plane, dp, beam cuts  
in data

Data: black  
Simu: red

# Target plane

dp=0%

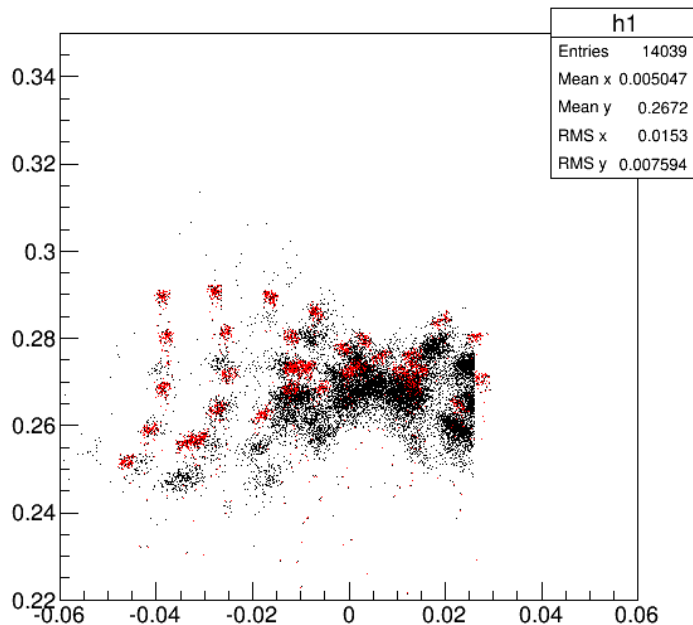


Data: Blue

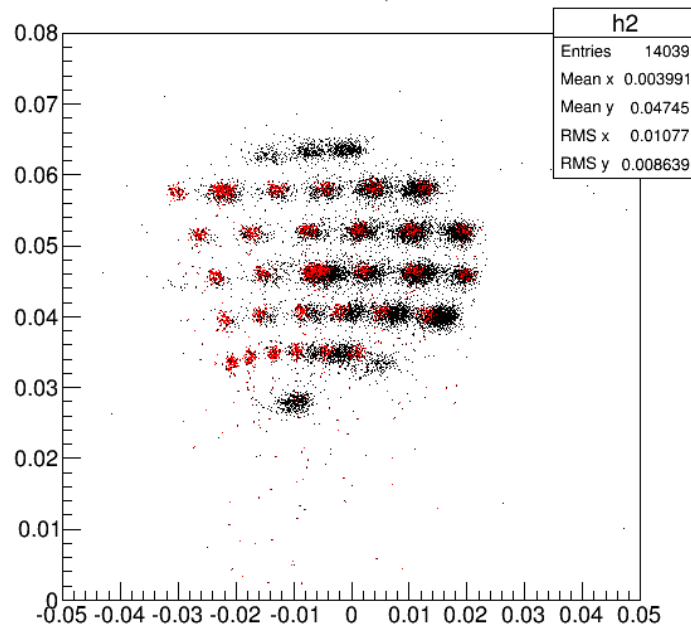
Simu: red

x vs y

dp=2%



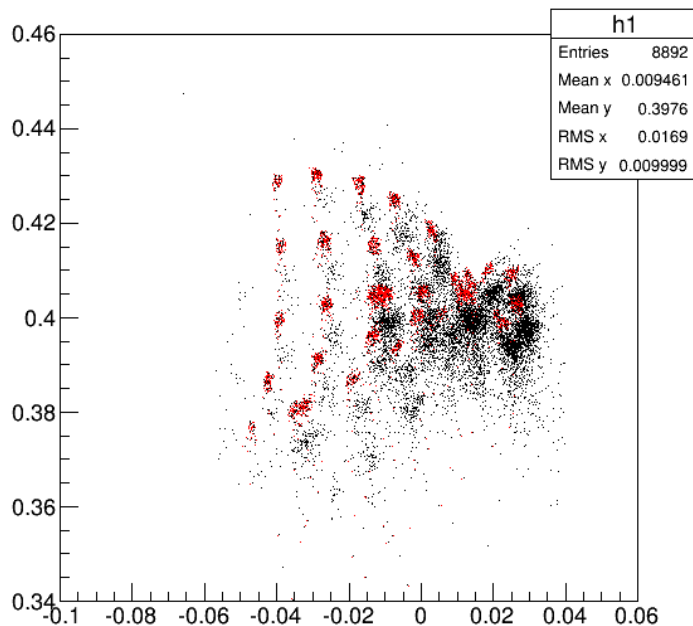
$\theta$  vs  $\phi$



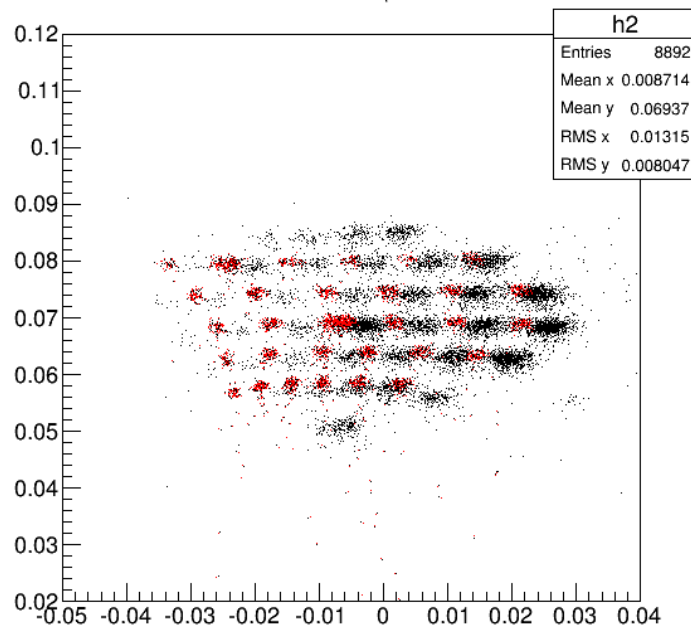
Data: black  
Simu: red

x vs y

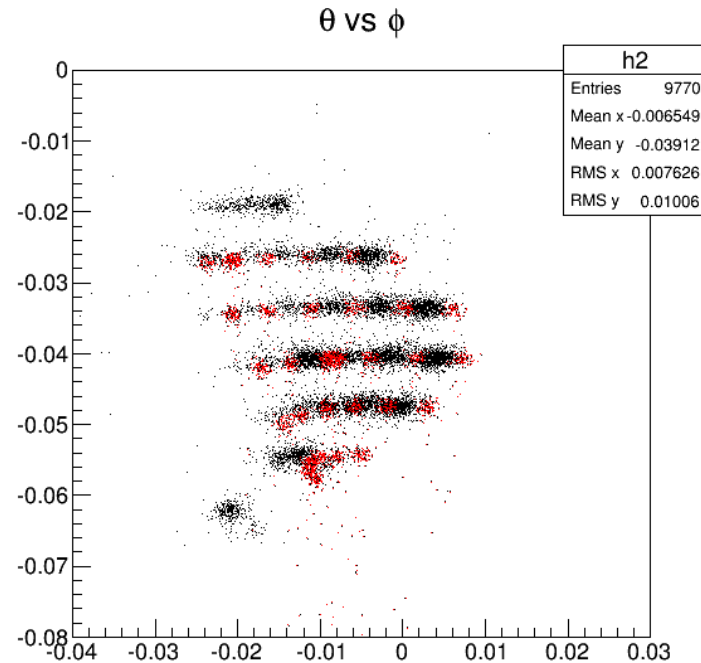
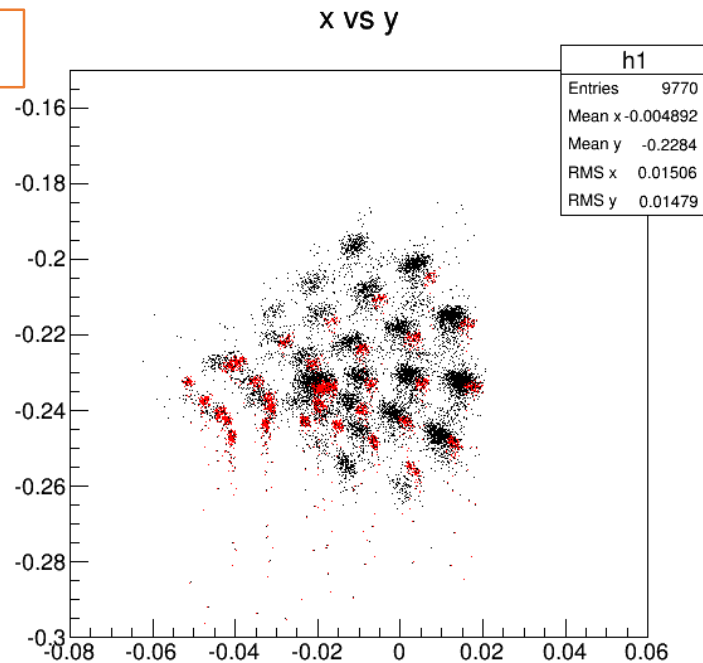
dp=3%



$\theta$  vs  $\phi$

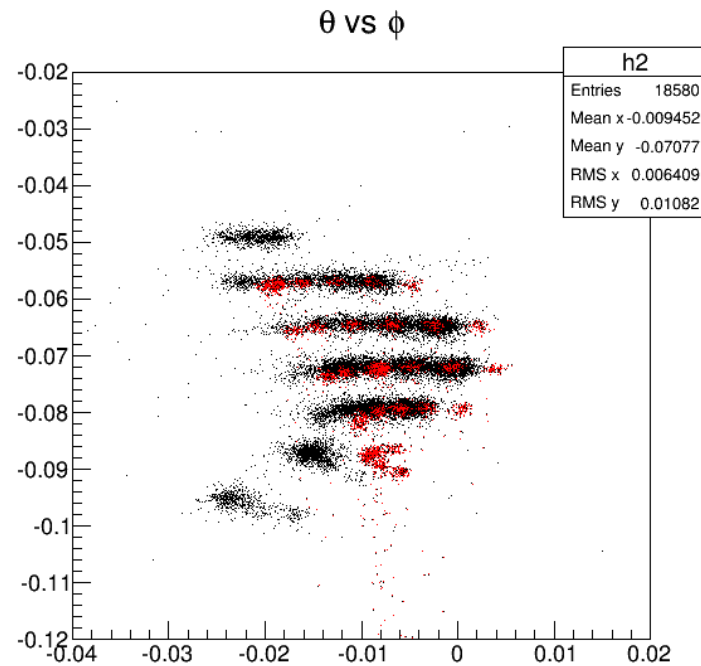
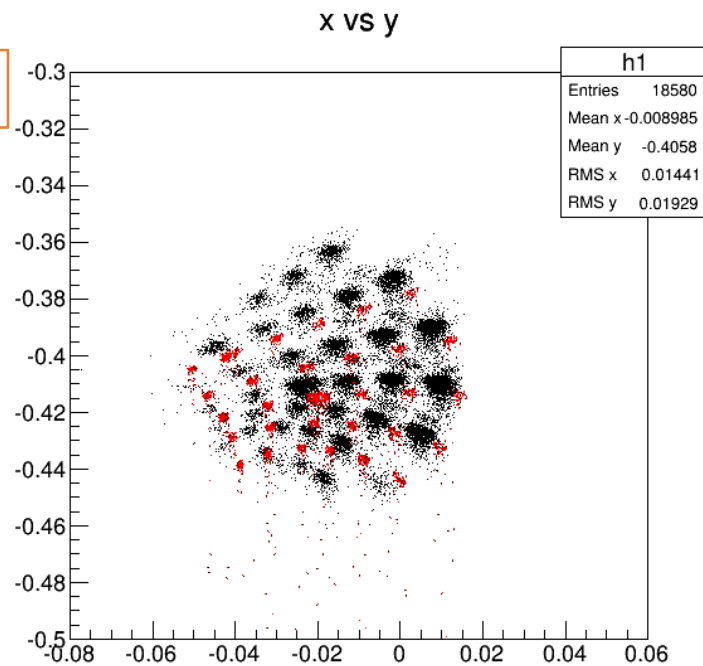


dp=-2%



Data: black  
Simu: red

dp=-3%



# Next

- Need a correction of  $\phi_{tg}$  vs.  $dp$
- Compare target plane variables
- Suggestions from this meeting?

# Timeline

- Finish good septum, straight through setting
  - 1 ~ 2 months
- Worse, and worst septum settings
  - 1~2 months
- Apply to dilution runs, and production runs
  - With target field, rasters ?
- Calculate acceptance
- Apply to cross section