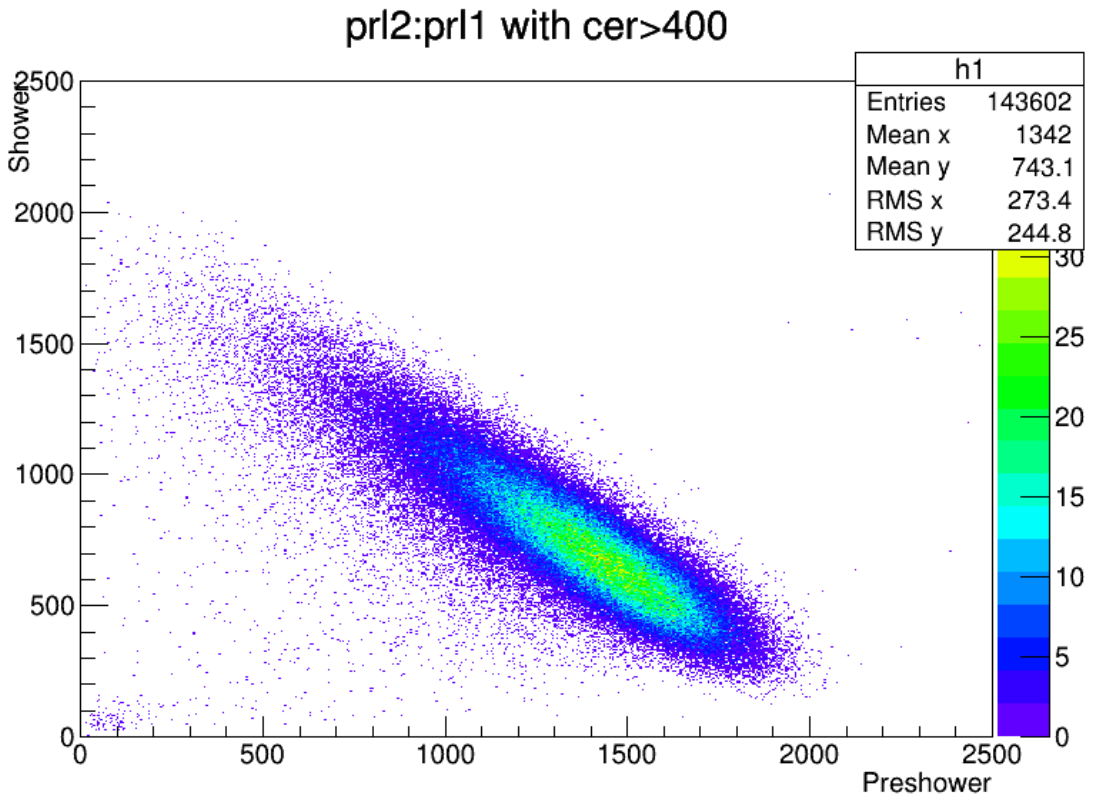
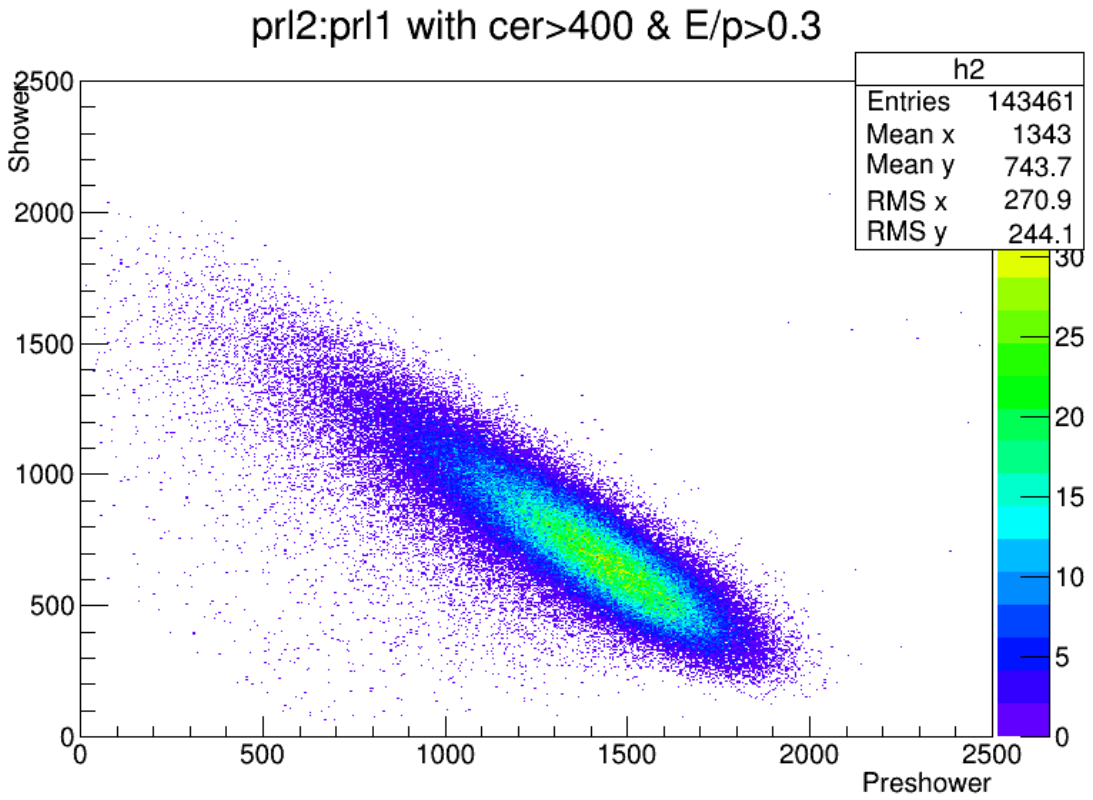
Ar Meeting

Oct 12, 2017

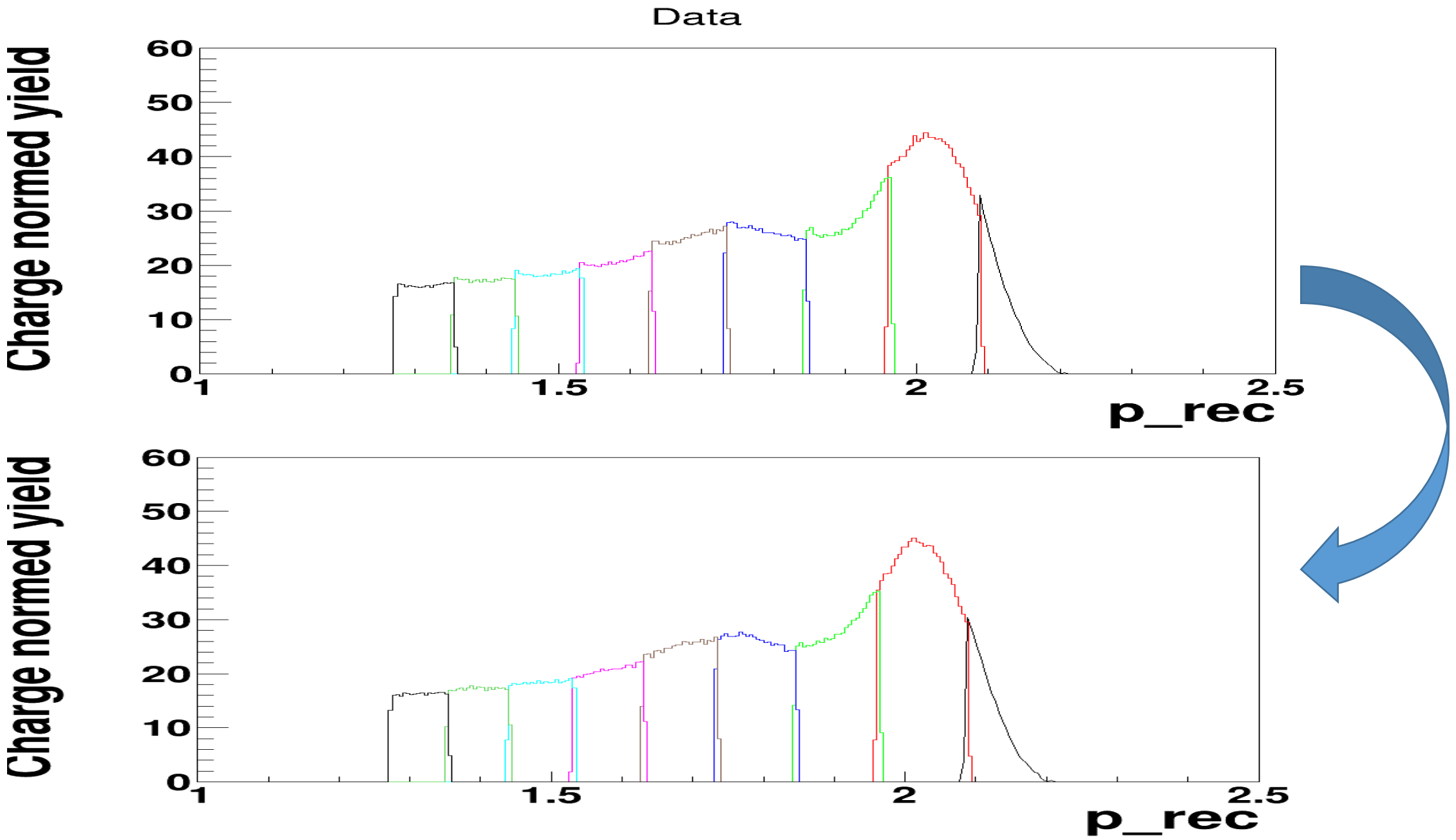
Hongxia Dai

Keep calorimeter cut?





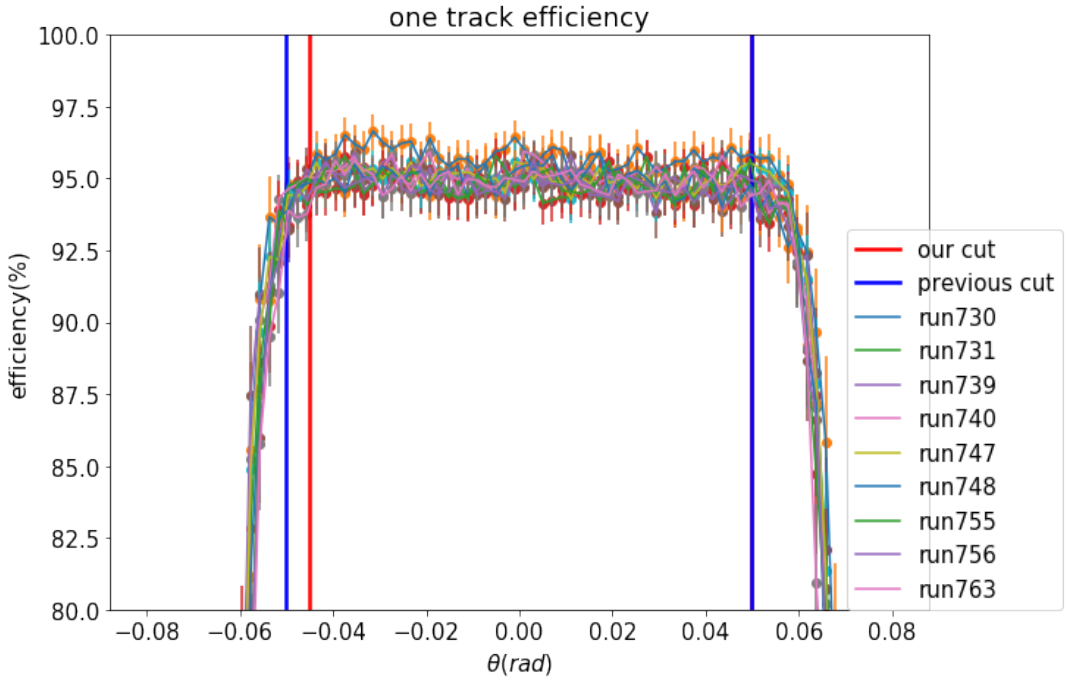
New optics from Longwu

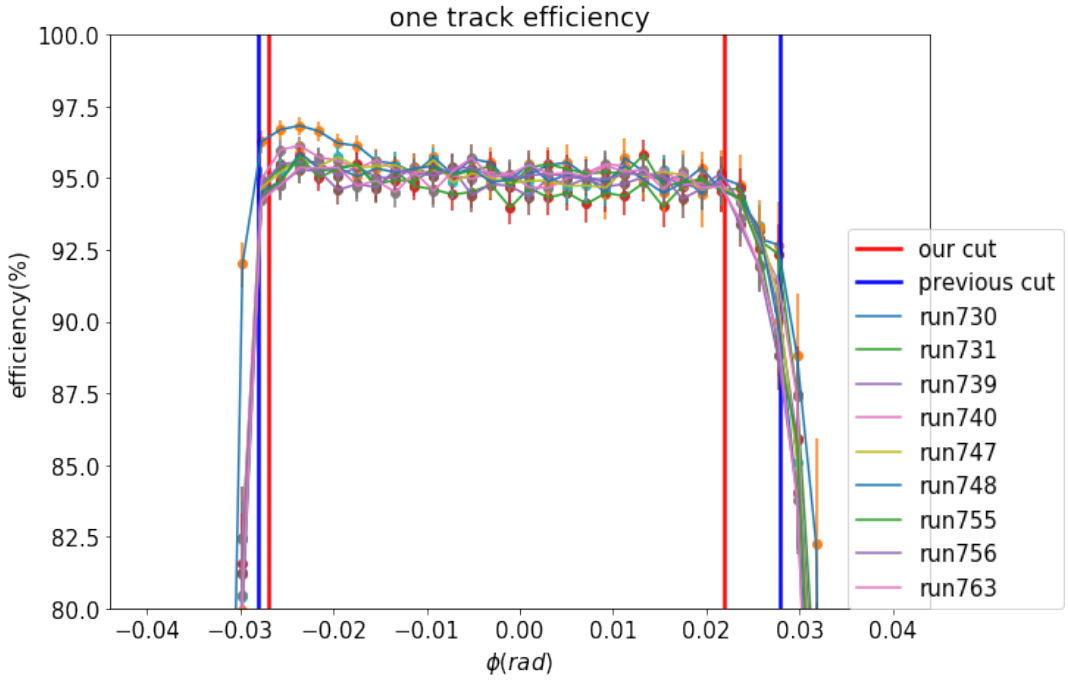


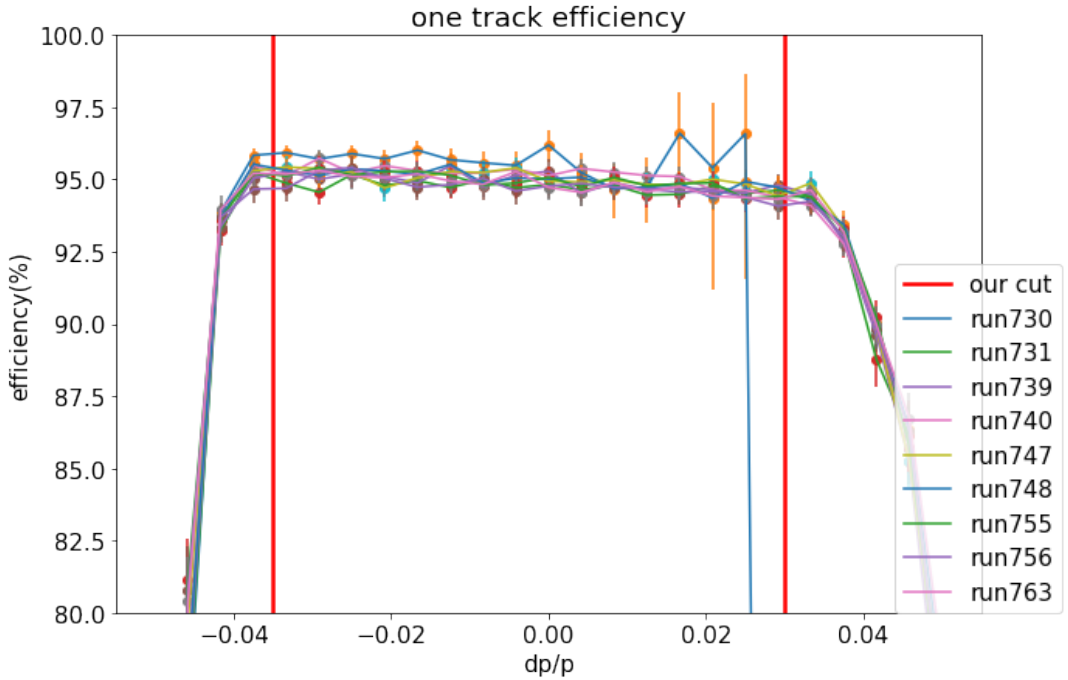
VDC efficiency

- None zero track ratio: R1
  - Cut1: Trigger, pid cut
  - $R1 = \frac{\#none\ zero\ track\ events}{\#sample\ events\ 1}$
- One track ratio: R2
  - Cut2: Trigger, pid cut, acceptance cut
  - $R2 = \frac{\#(one\ track\ \&\&\ L.tr.tg\_y\ within\ 5\sigma) events}{\#sample\ events\ 2}$
- Efficiency=R1*R2

R2







Cut Now:

The: [-0.045,0.05]

Phi: [-0.027,0.022]

Dp: [-0.035,0.03]

Cut Before:

The: [-0.05,0.05]

Phi:[-0.028,0.028]

Dp: [-0.035,0.03]