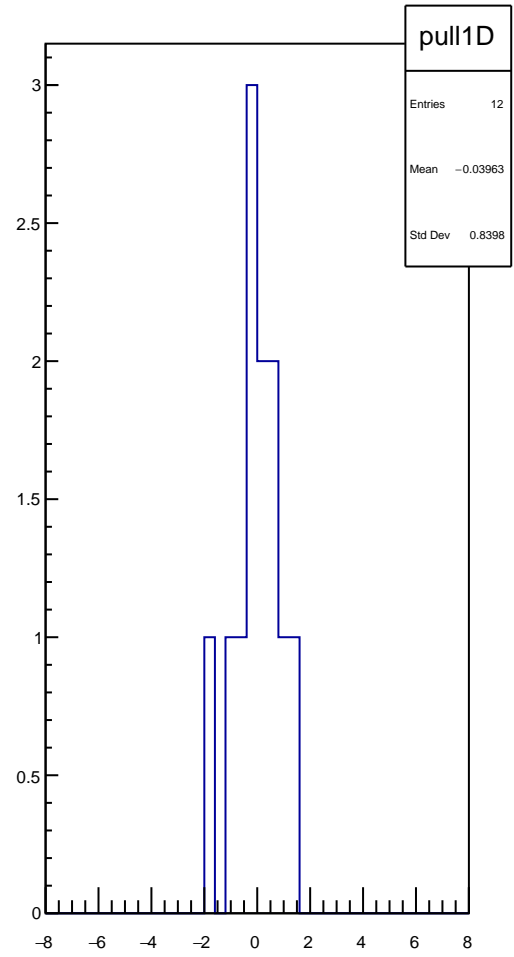
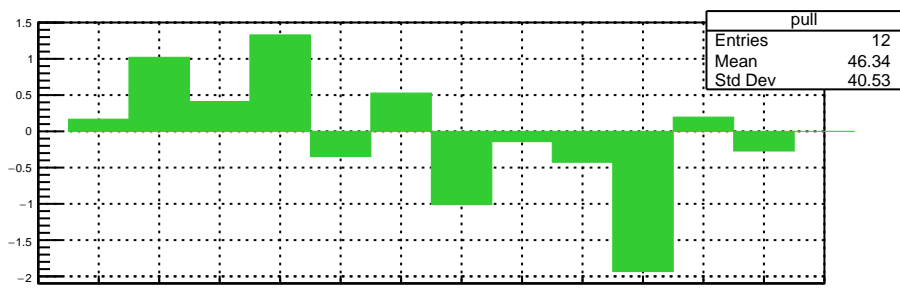
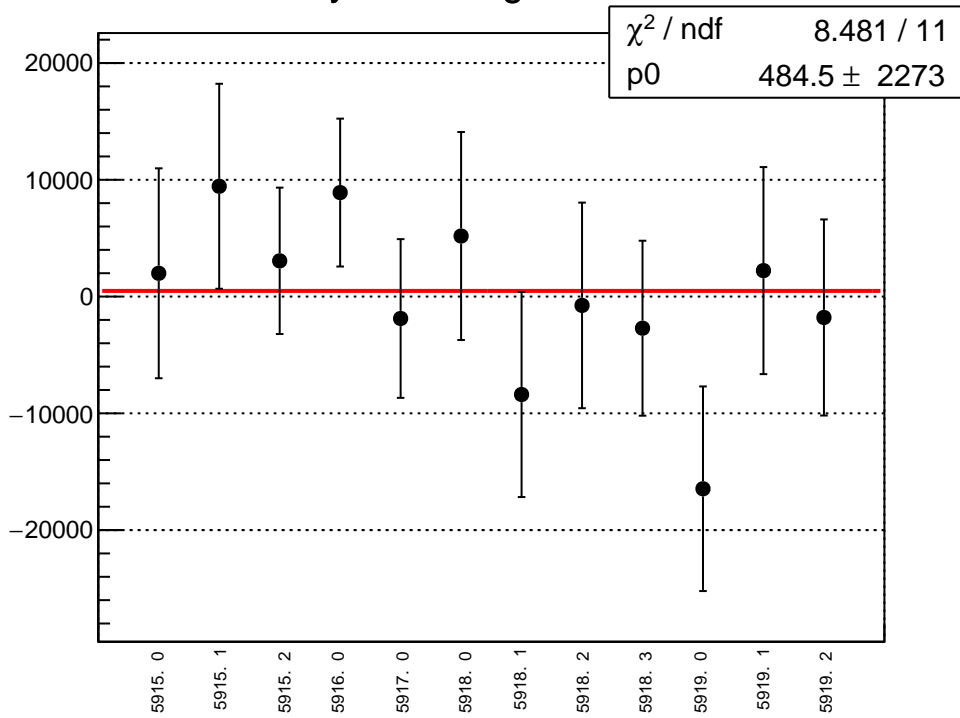
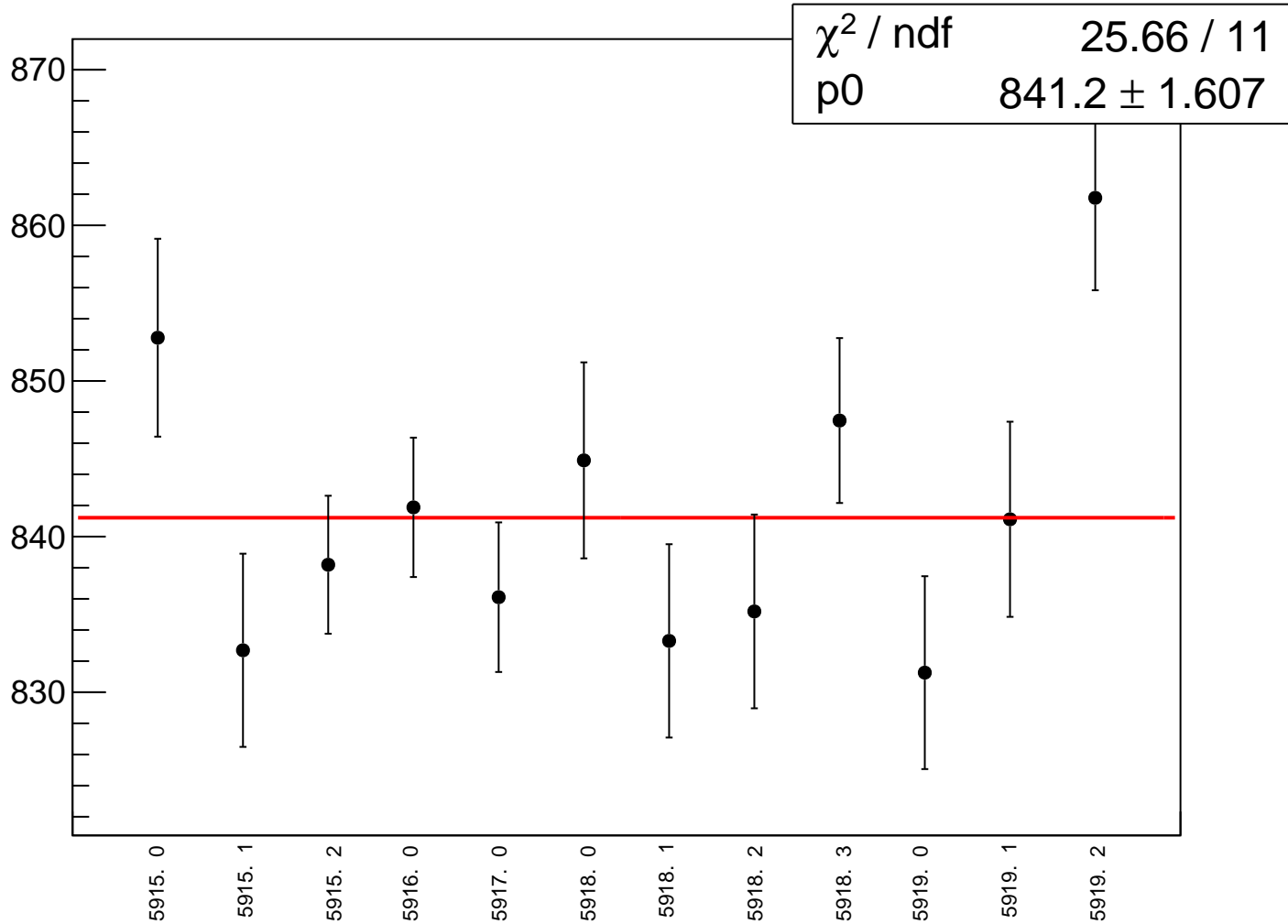


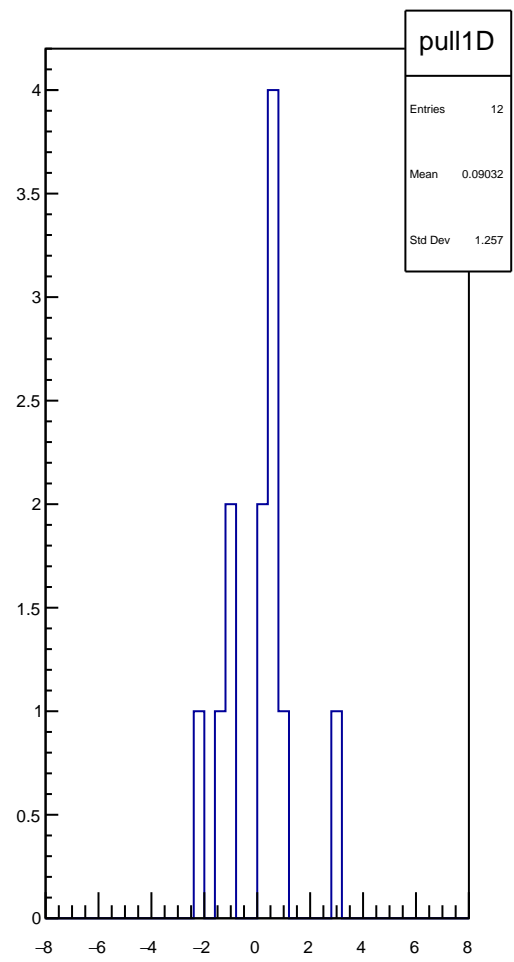
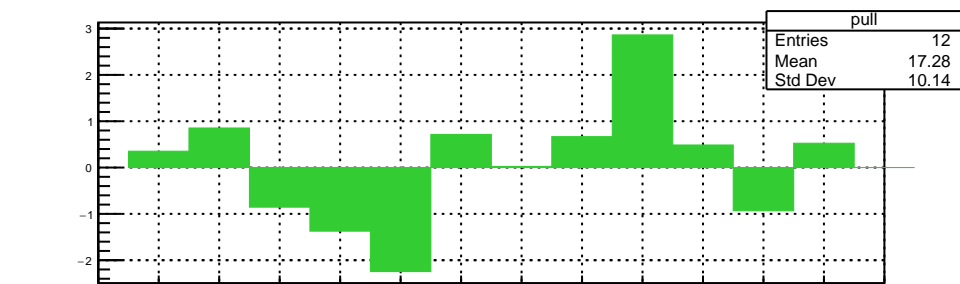
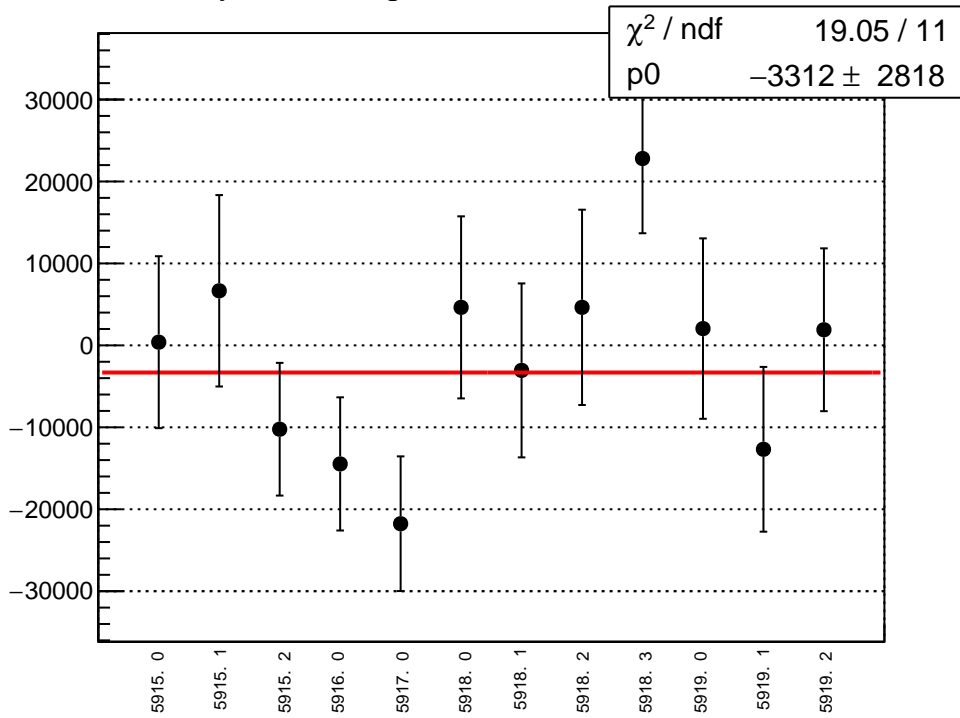
# dit\_asym\_us\_avg\_mean vs run



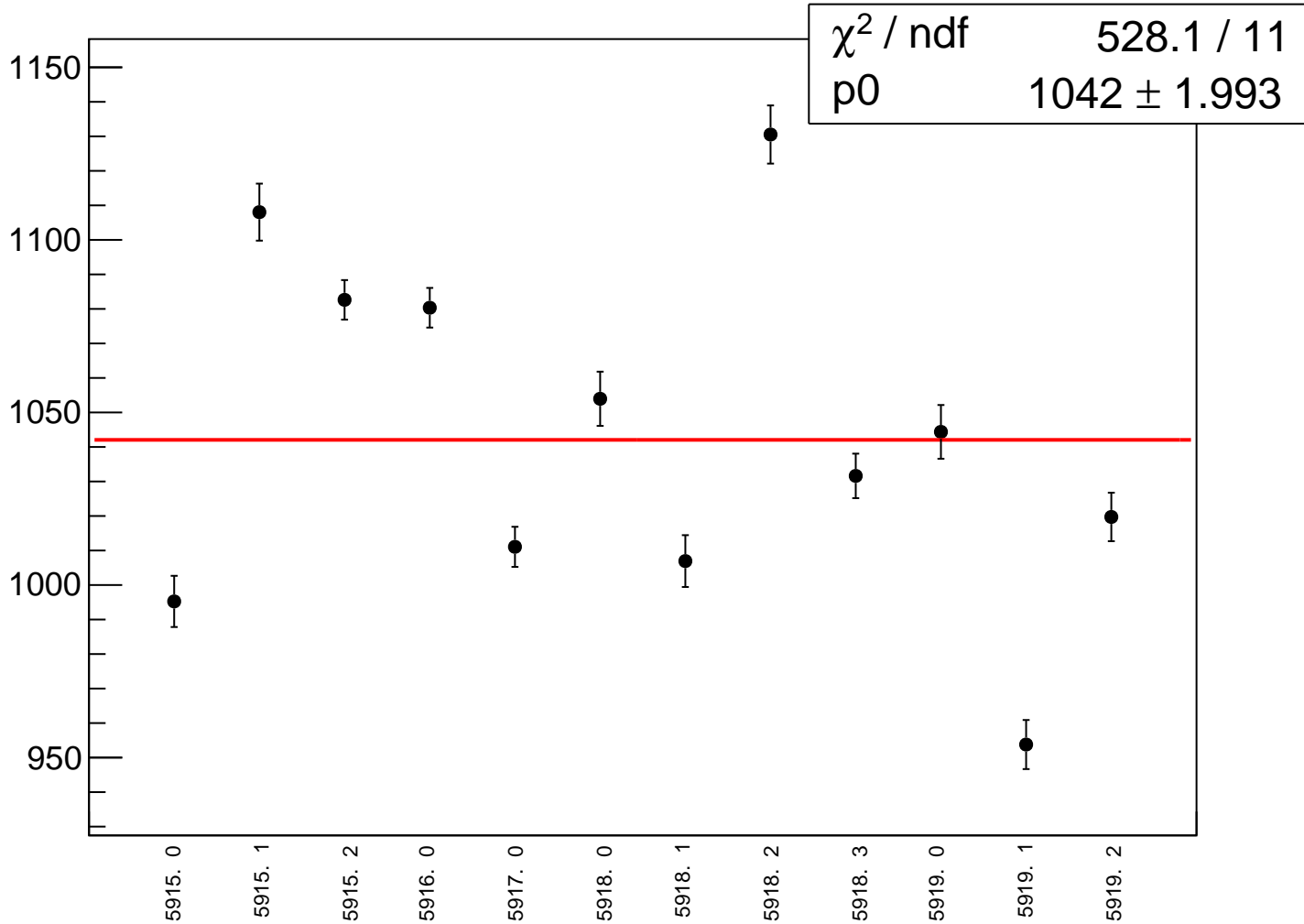
# dit\_asym\_us\_avg\_rms vs run



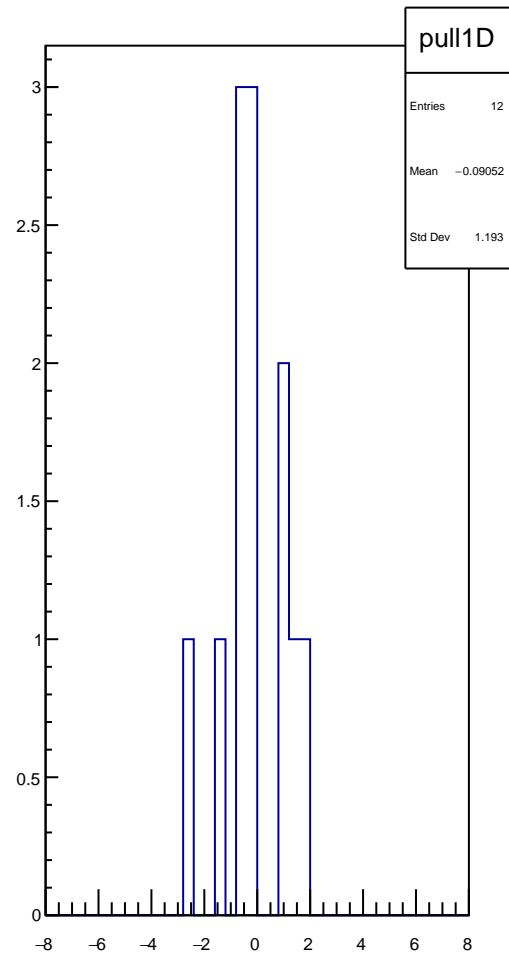
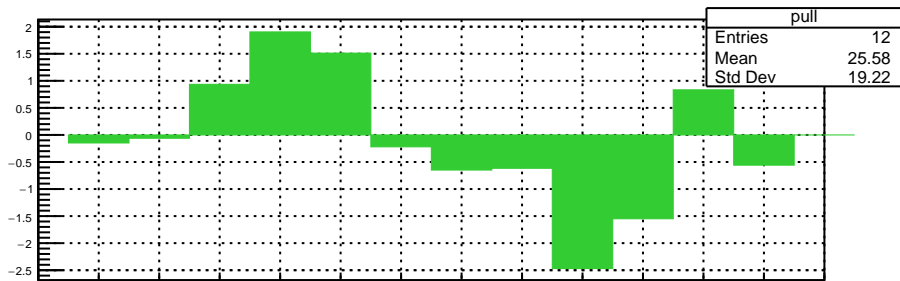
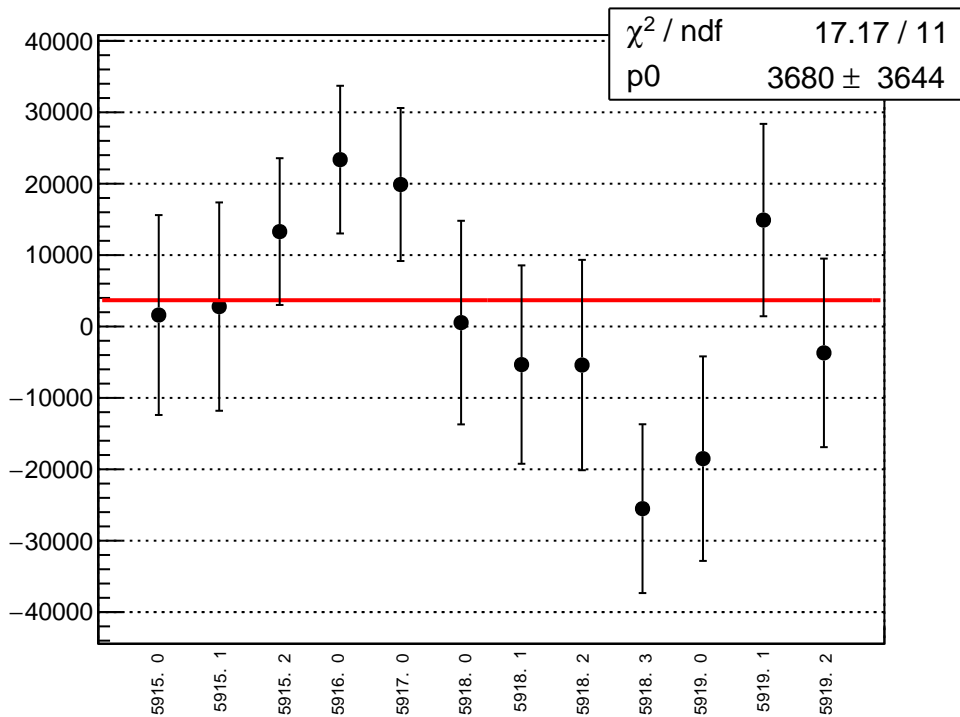
# asym\_us\_avg\_correction\_mean vs run



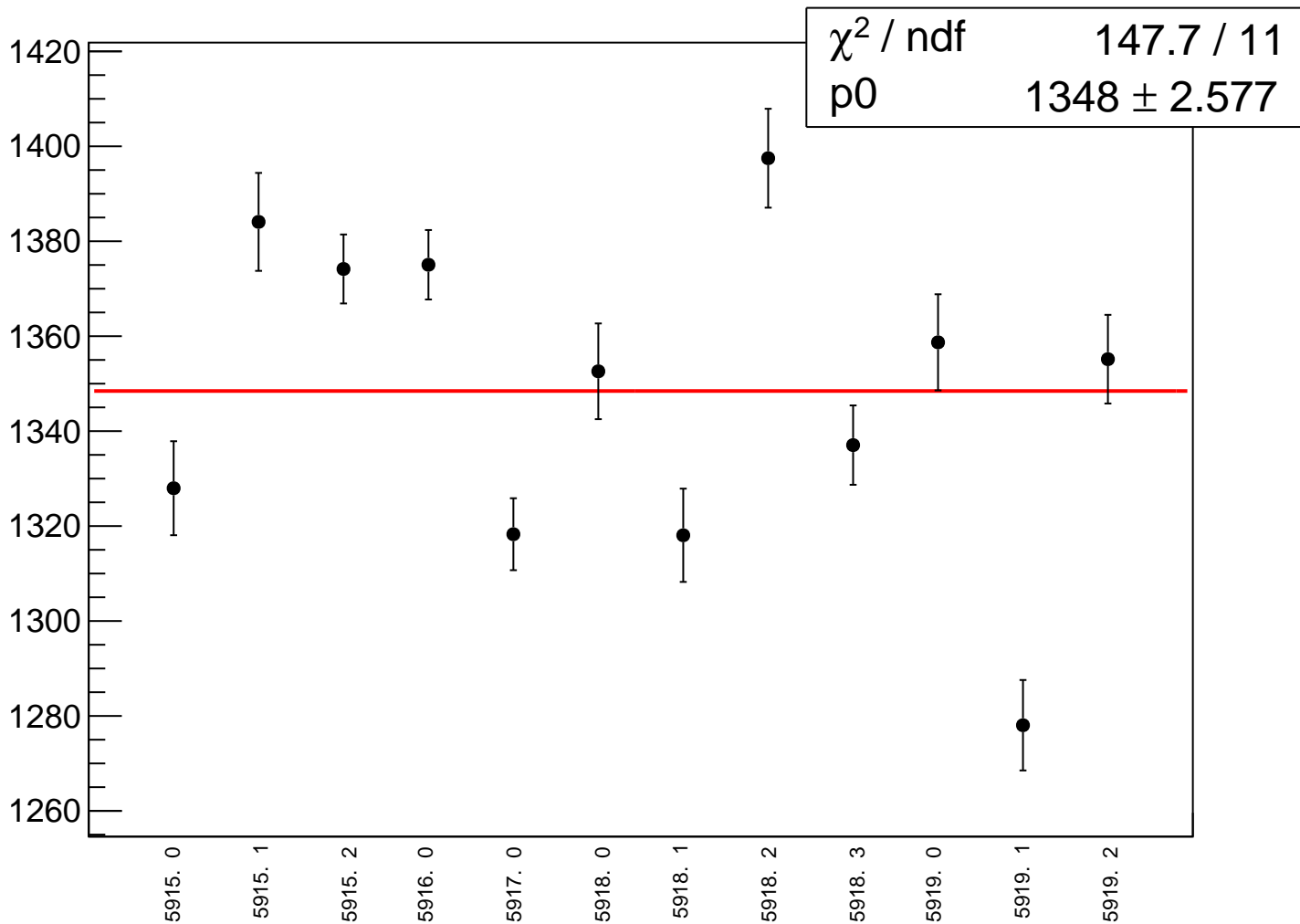
# asym\_us\_avg\_correction\_rms vs run



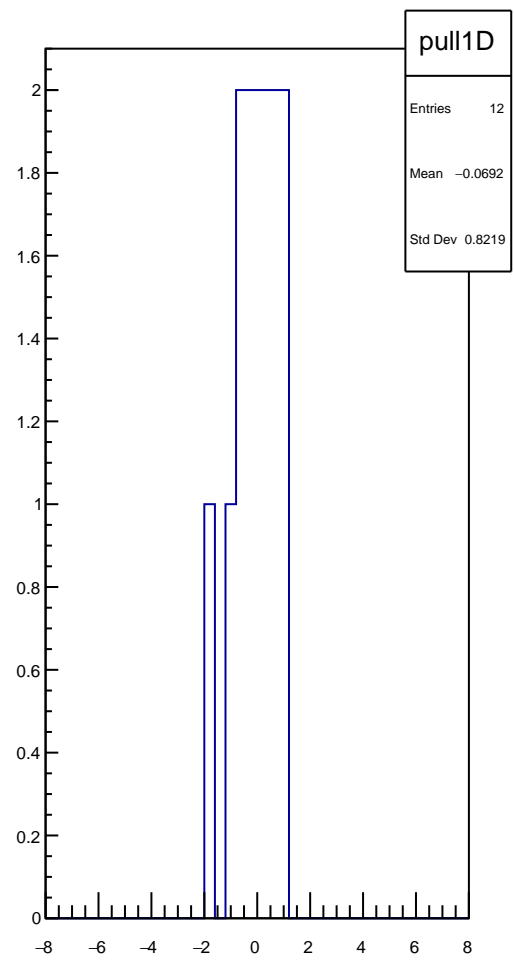
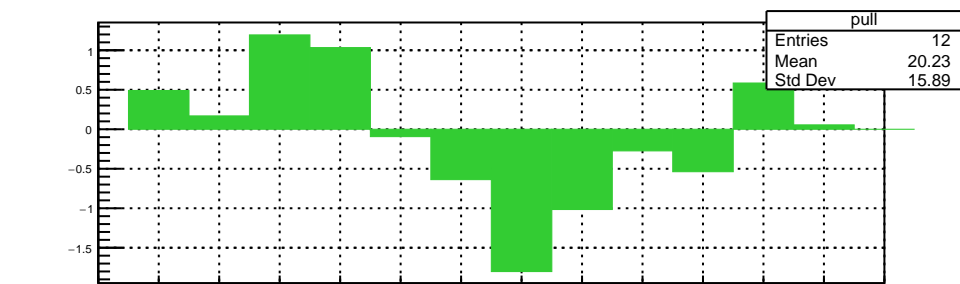
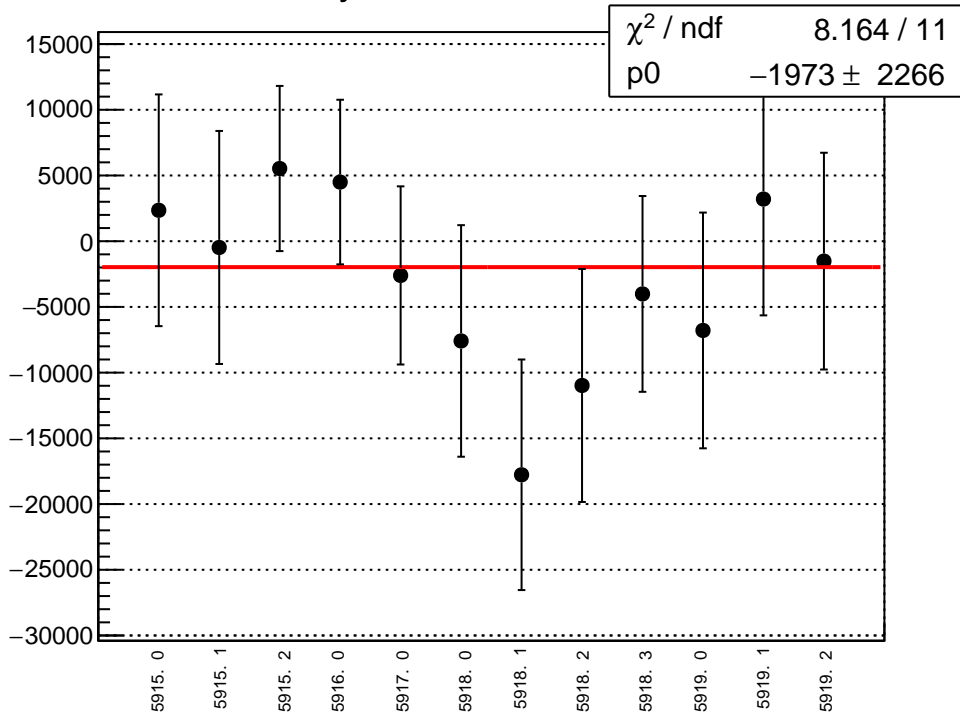
# asym\_us\_avg\_mean vs run



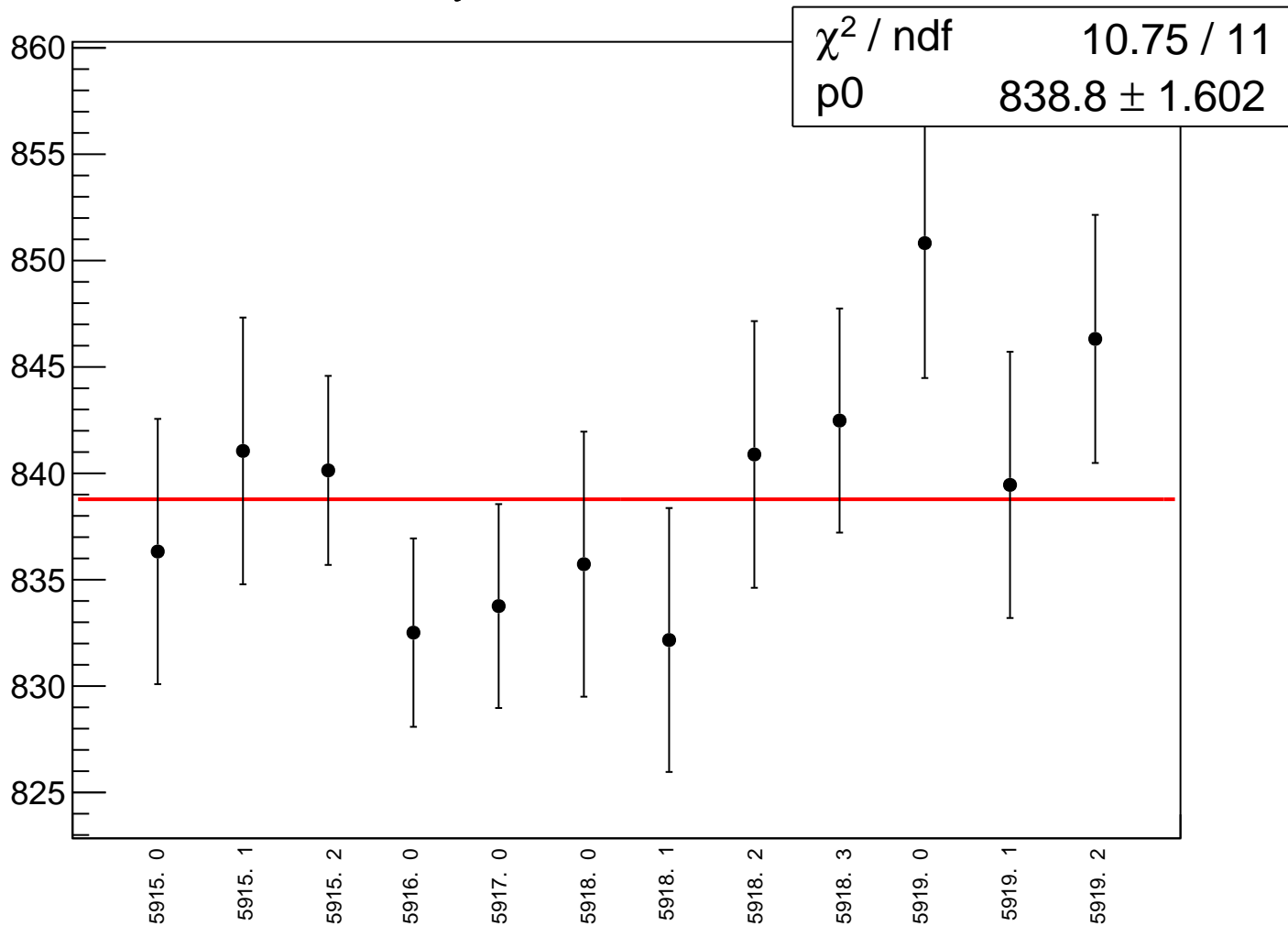
# asym\_us\_avg\_rms vs run



# dit\_asym\_us\_dd\_mean vs run

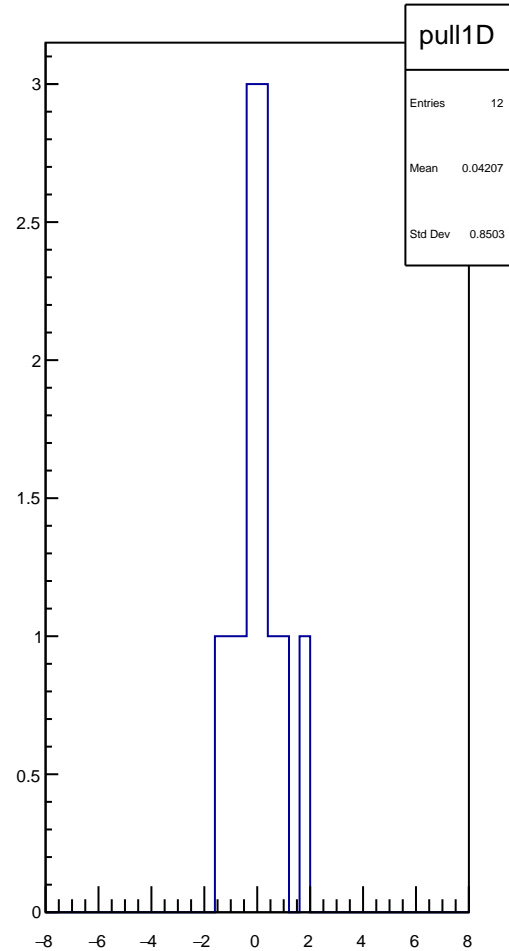
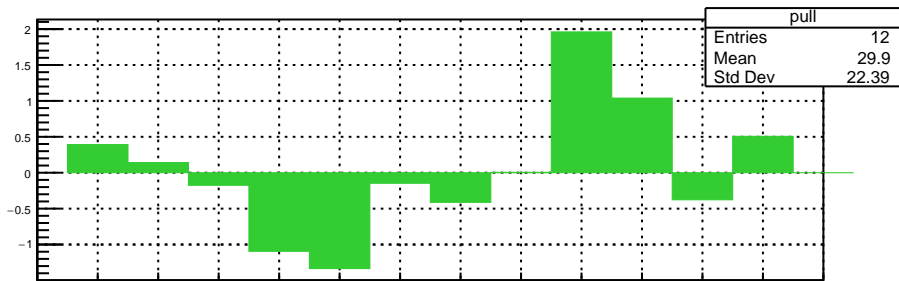
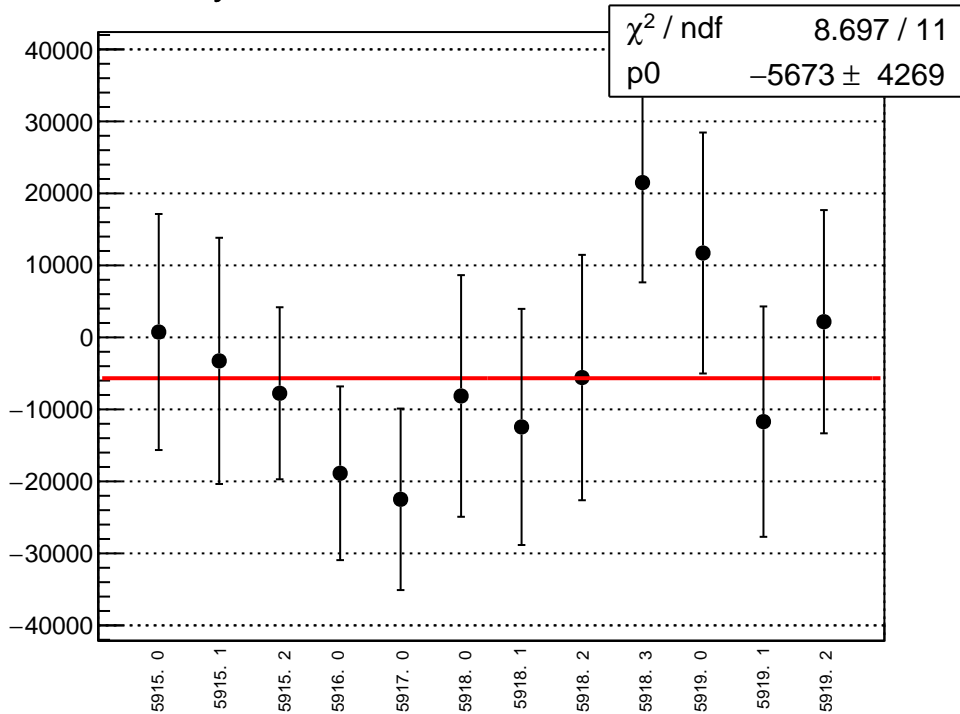


# dit\_asym\_us\_dd\_rms vs run

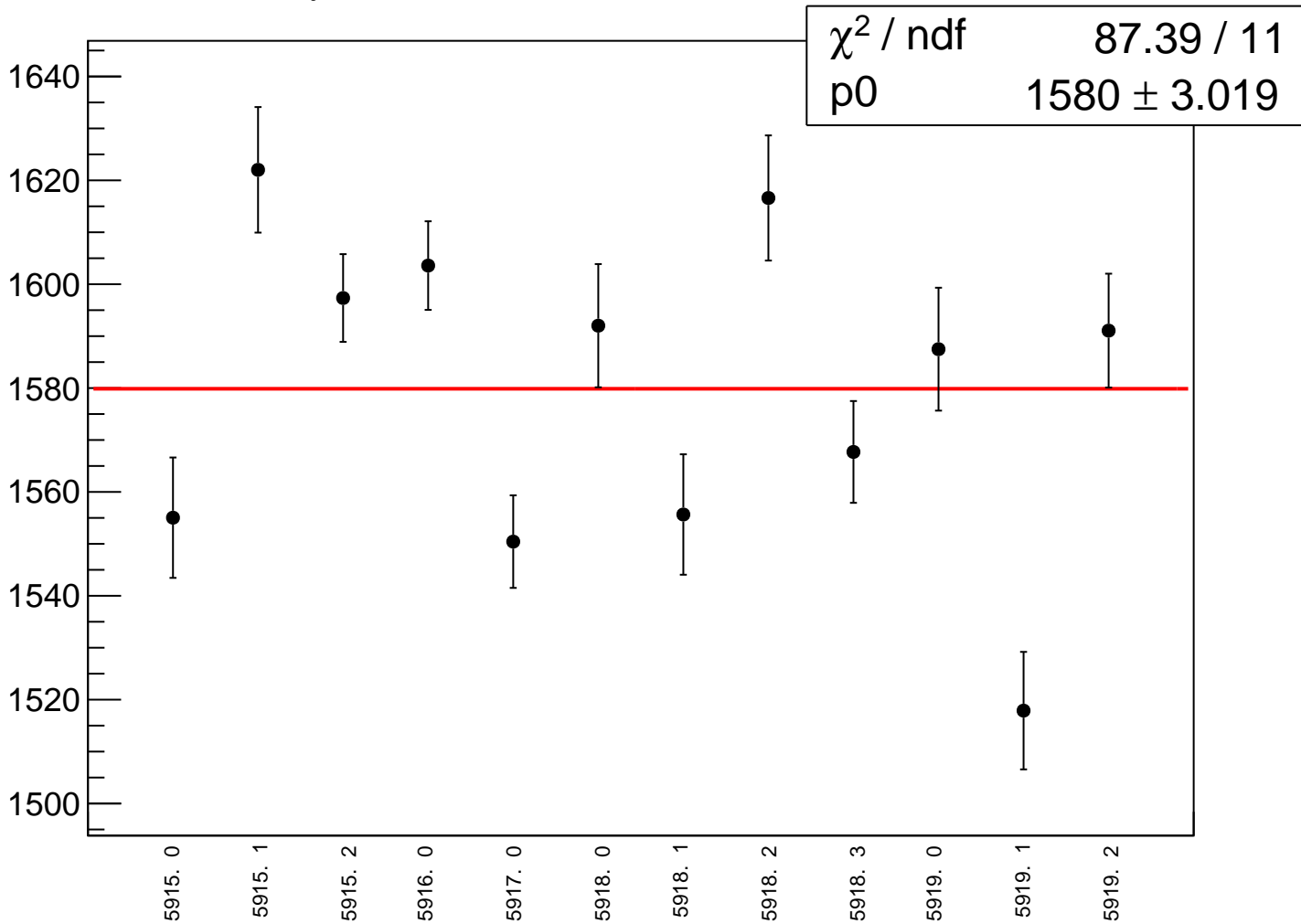




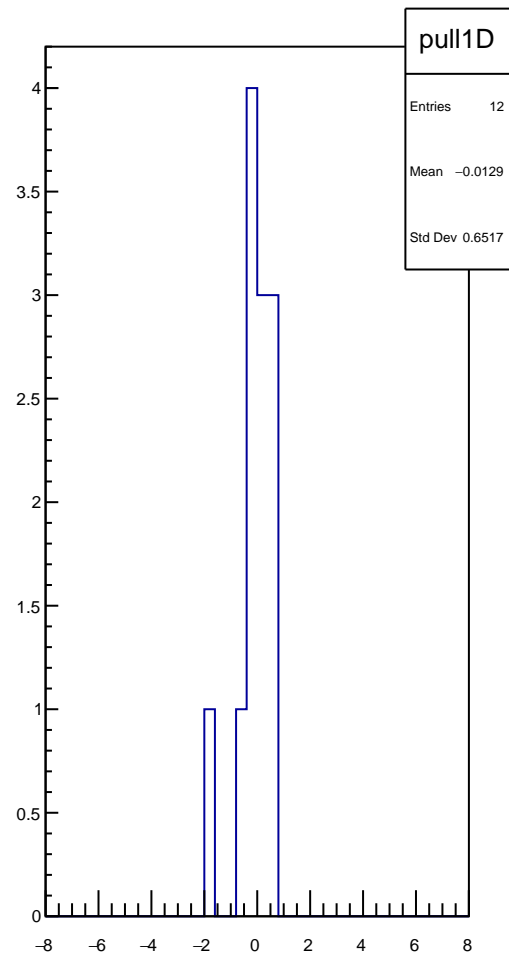
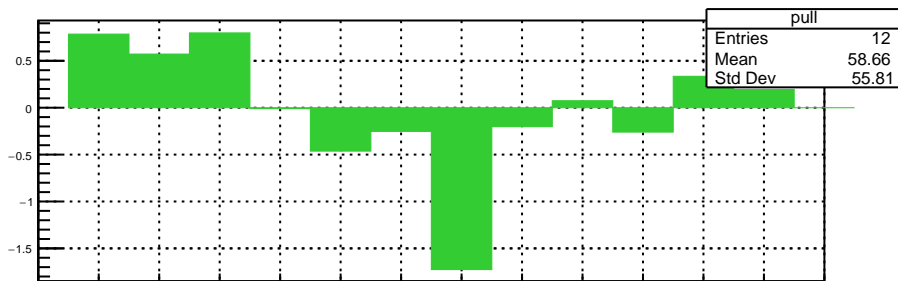
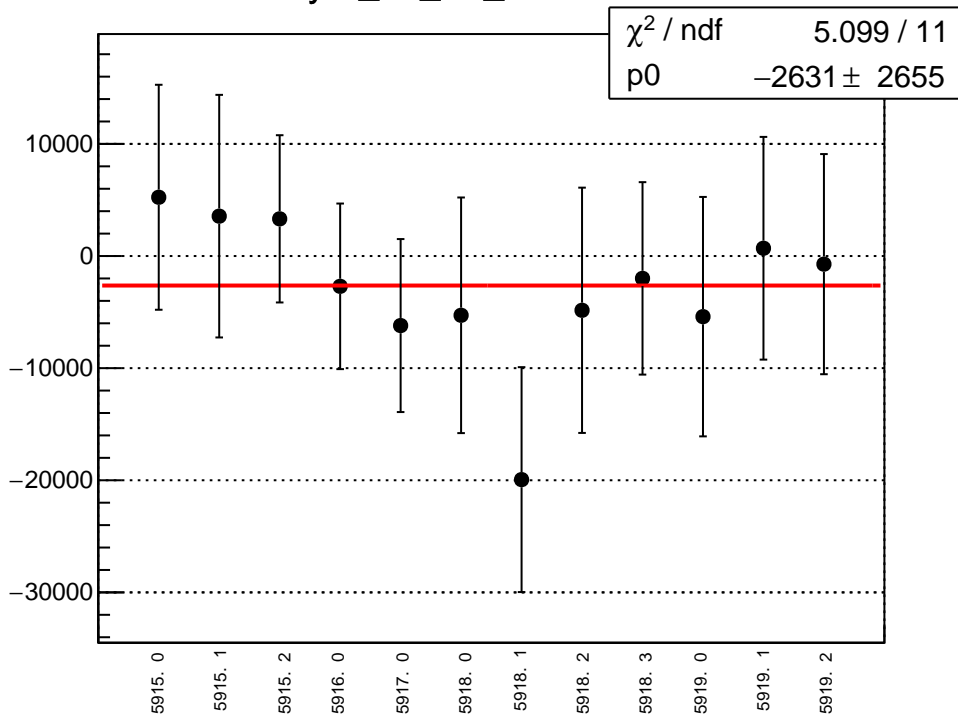
# asym\_us\_dd\_correction\_mean vs run



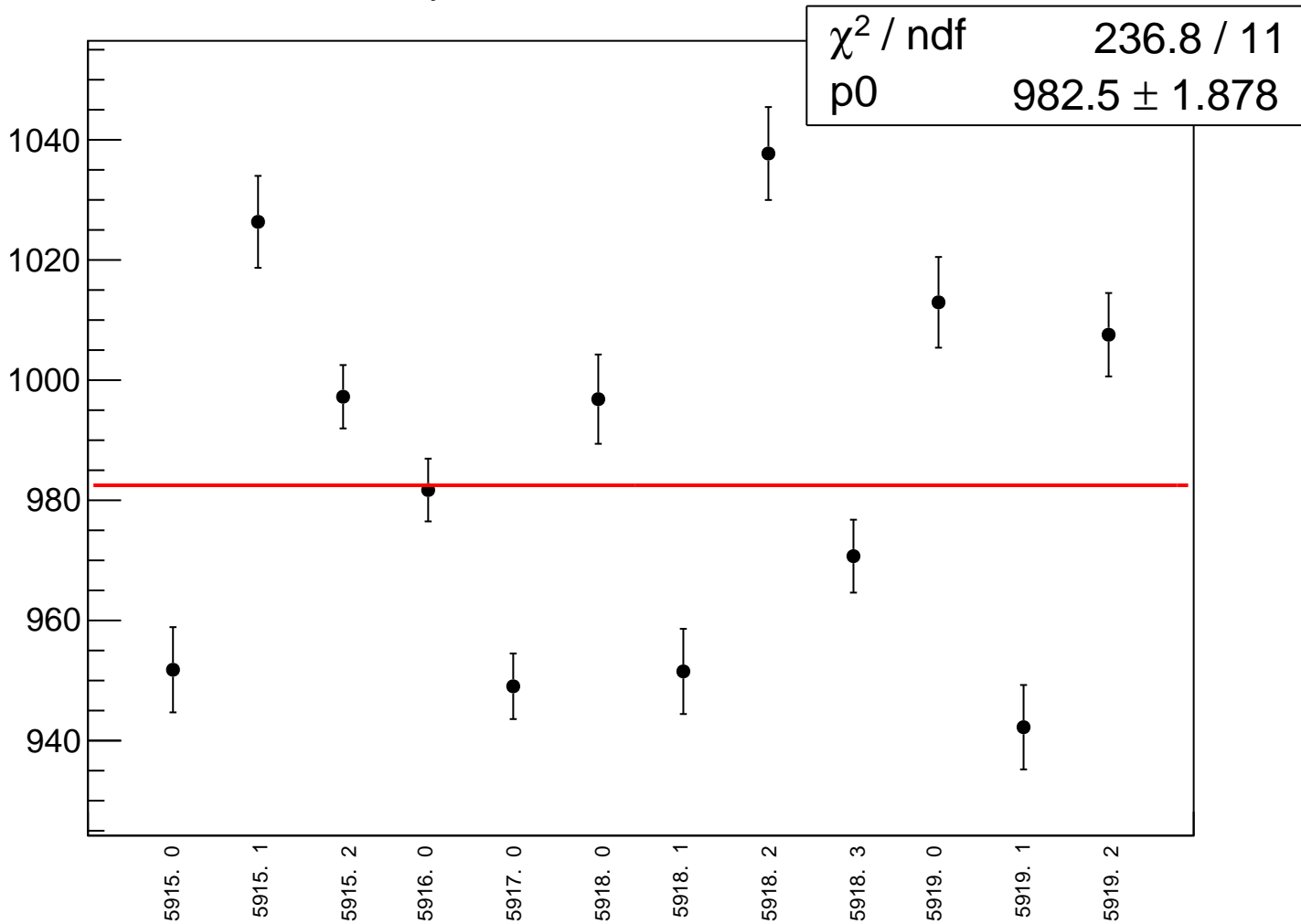
# asym\_us\_dd\_correction\_rms vs run



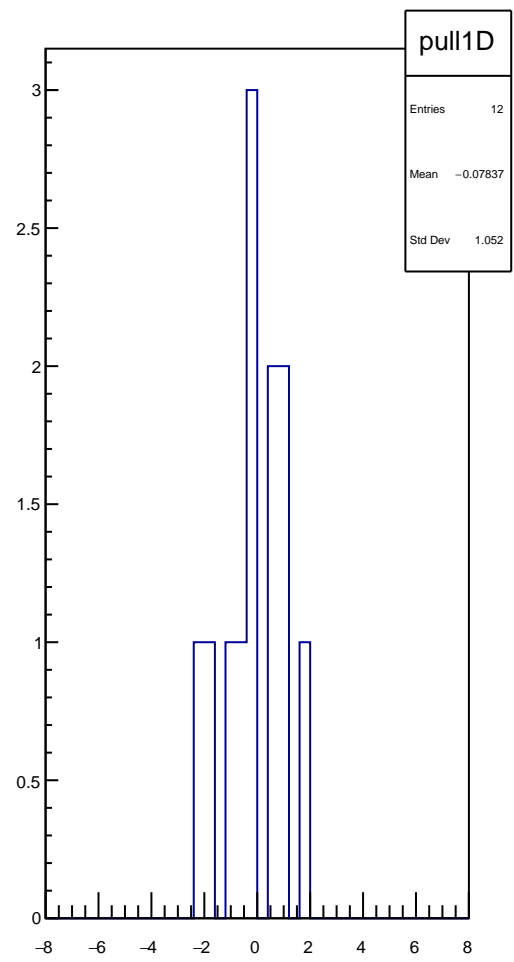
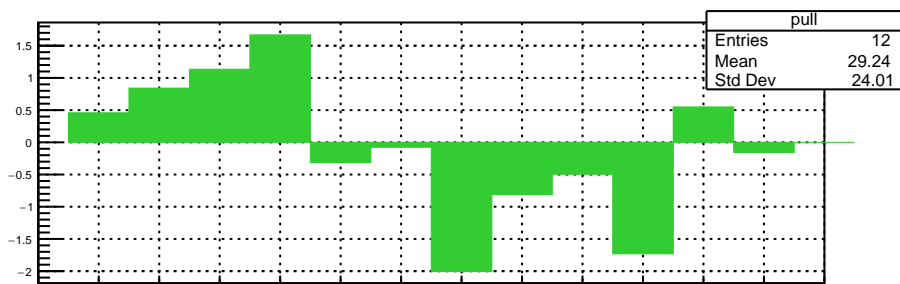
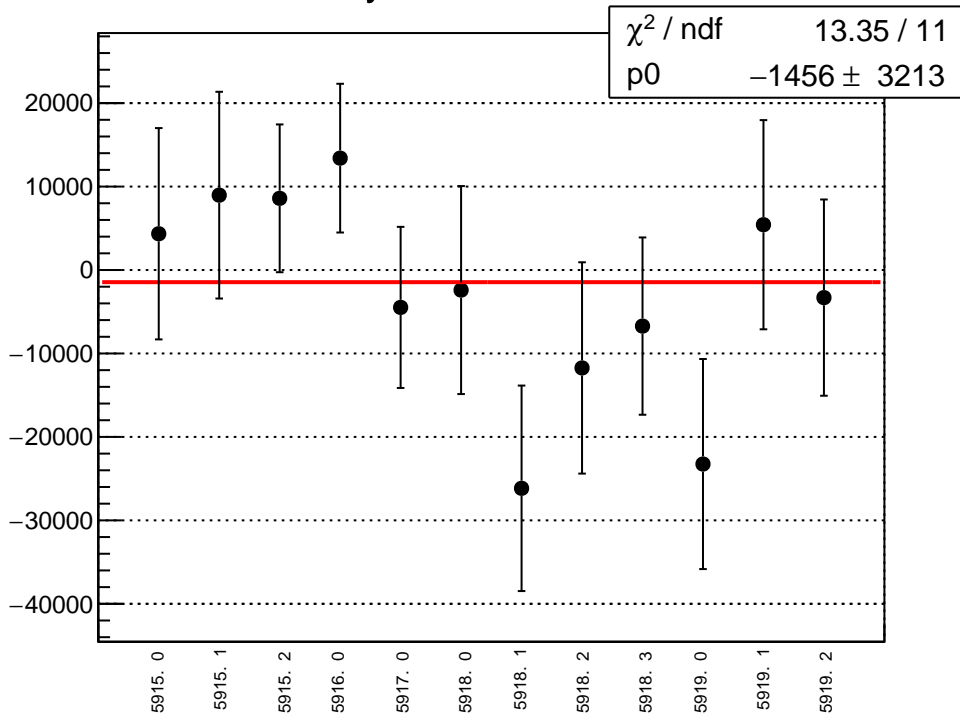
# asym\_us\_dd\_mean vs run



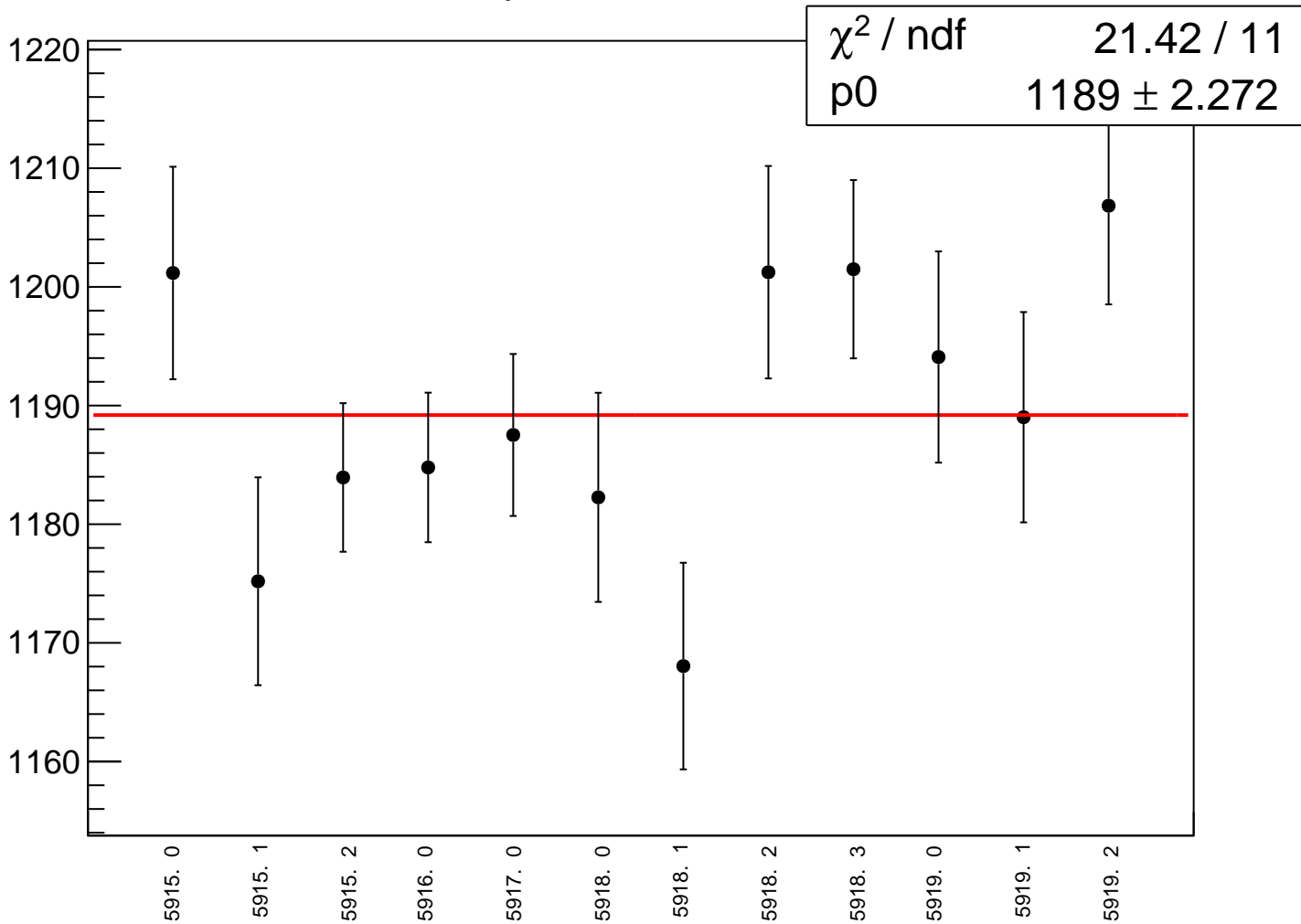
# asym\_us\_dd\_rms vs run



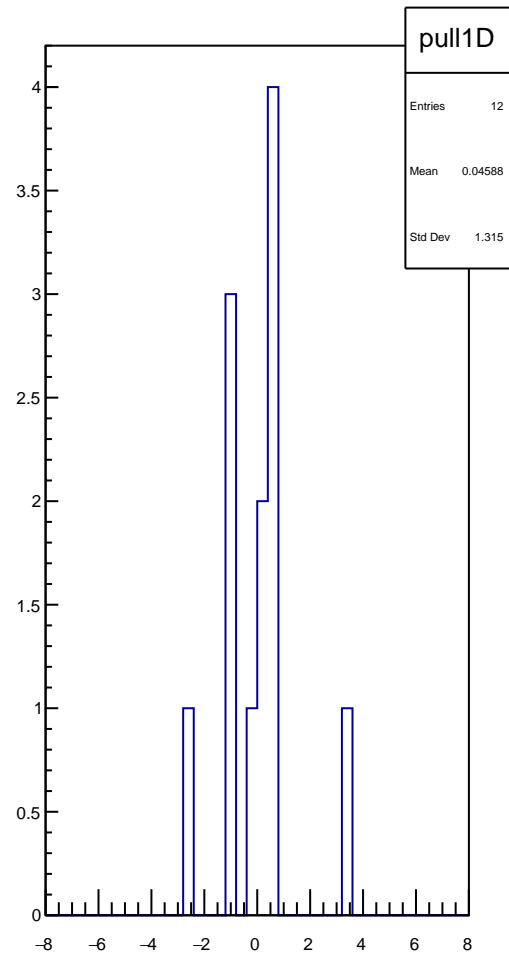
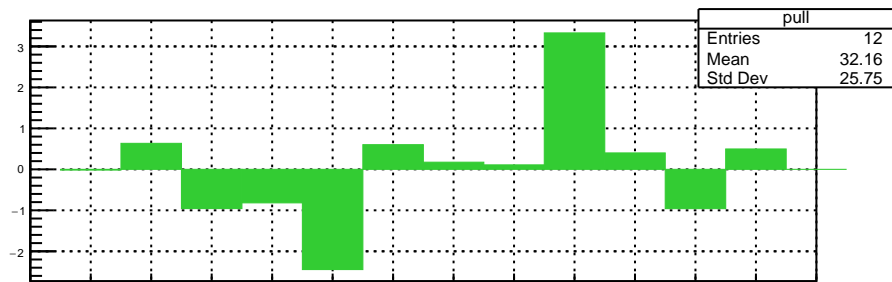
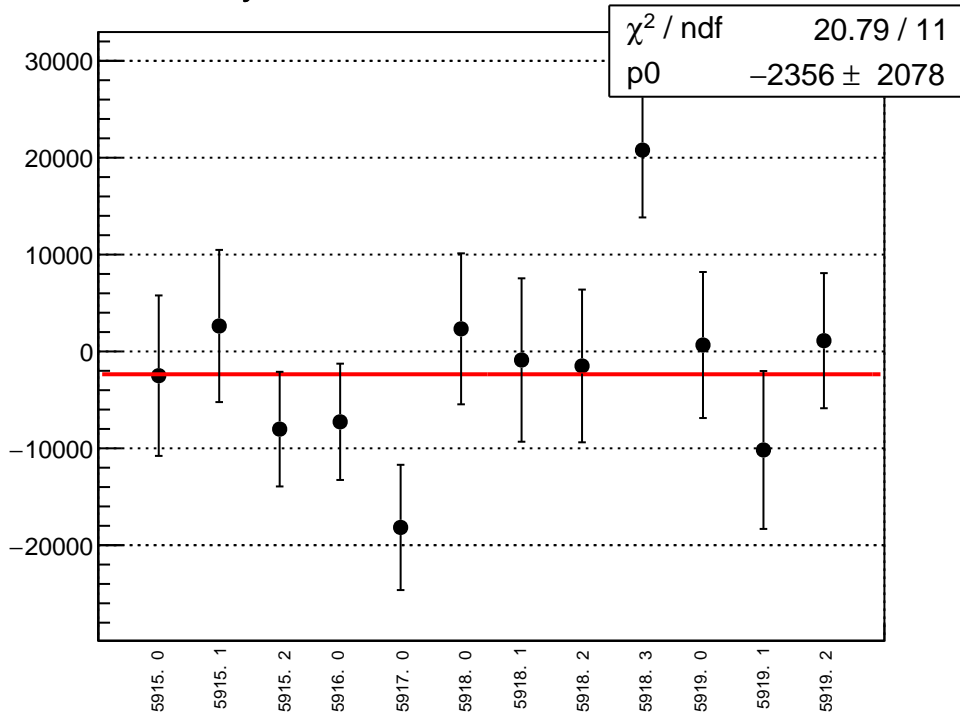
# dit\_asym\_usl\_mean vs run



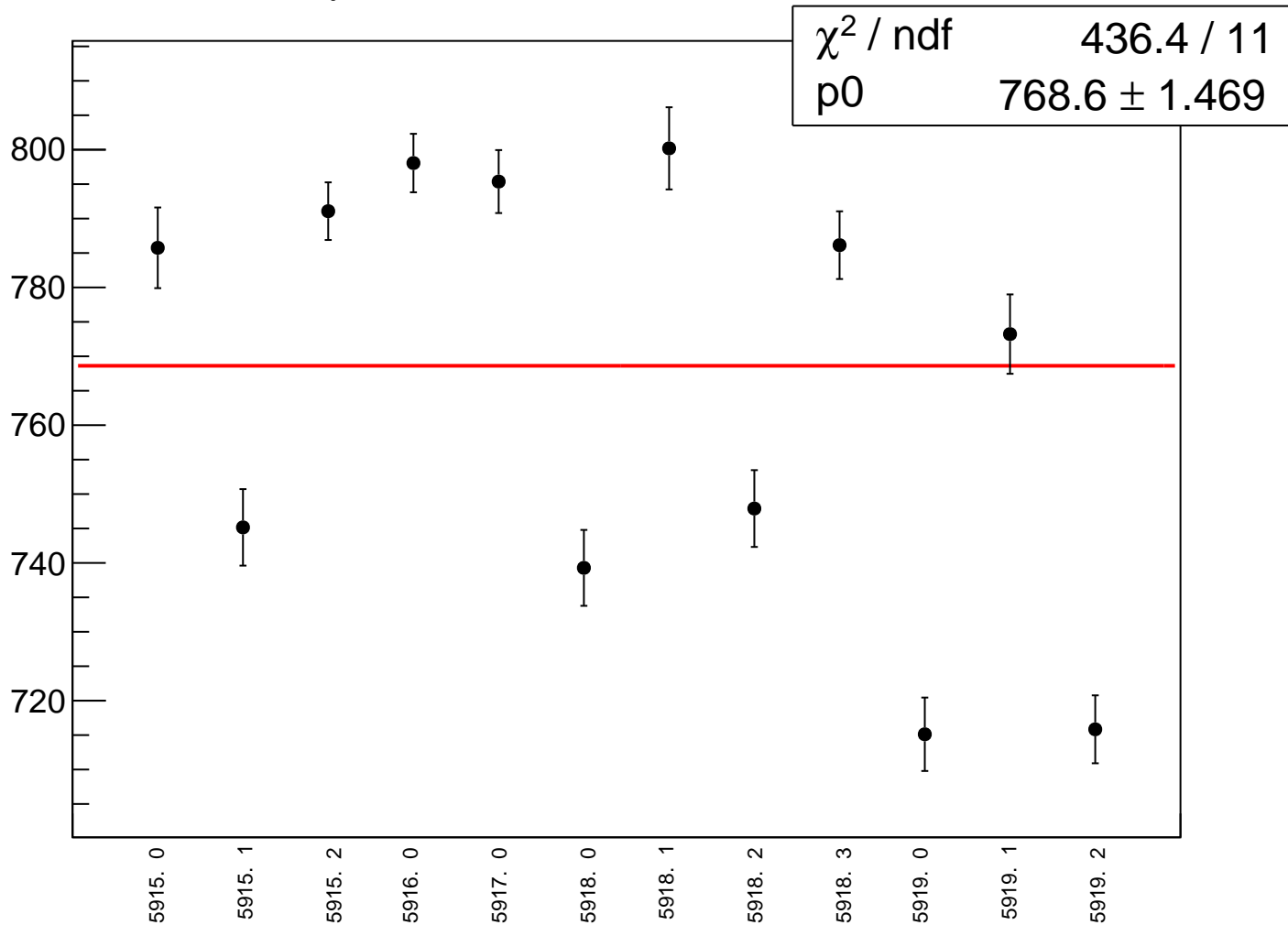
# dit\_asym\_usl\_rms vs run



# asym\_usl\_correction\_mean vs run

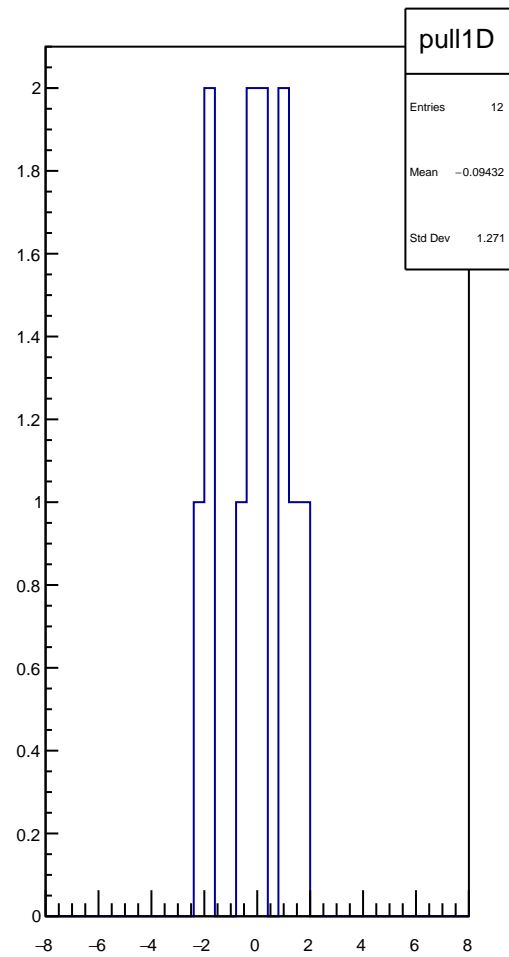
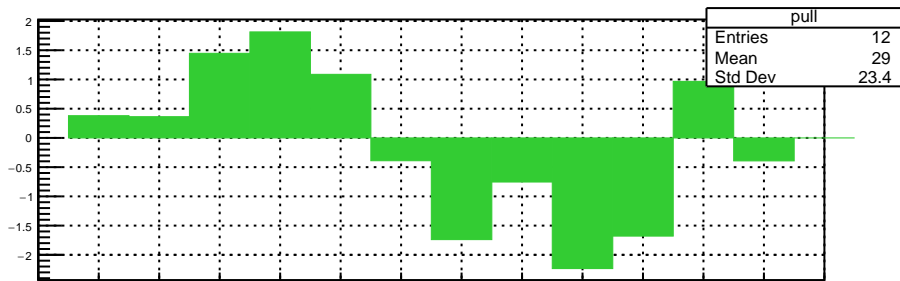
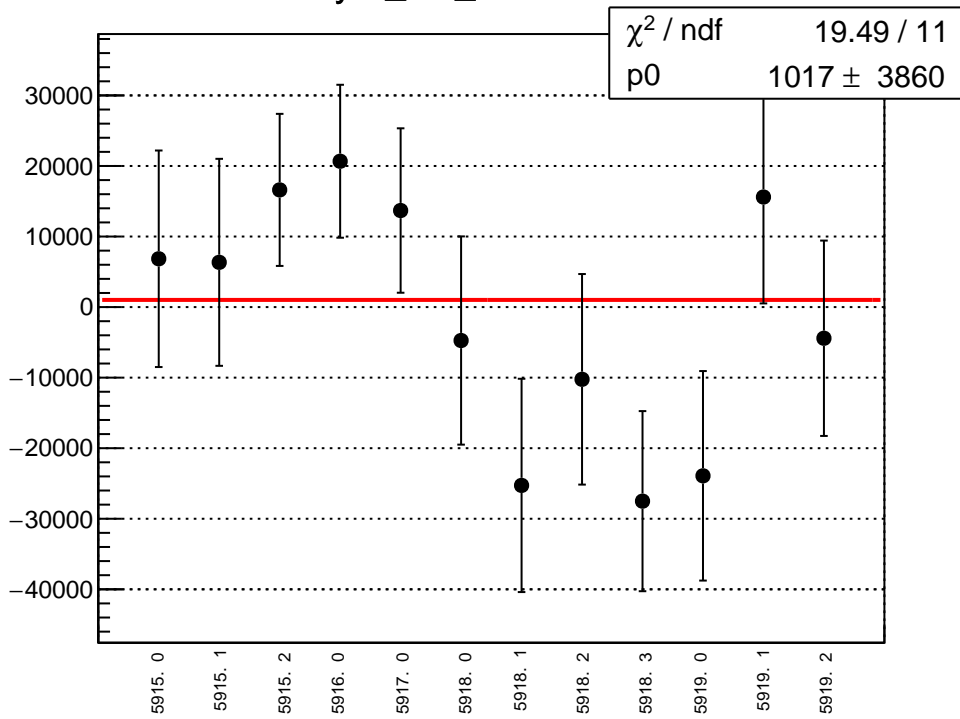


# asym\_usl\_correction\_rms vs run

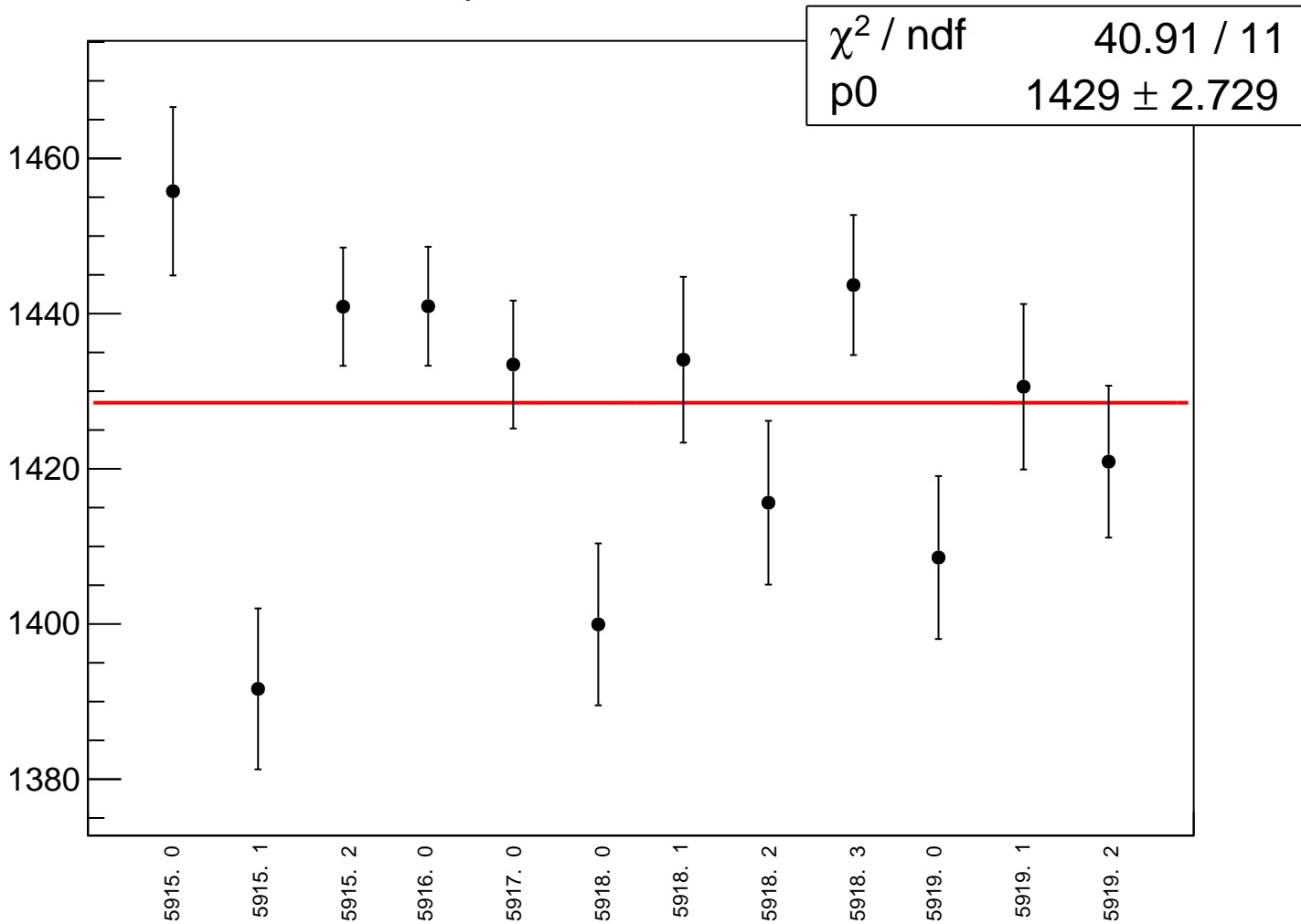




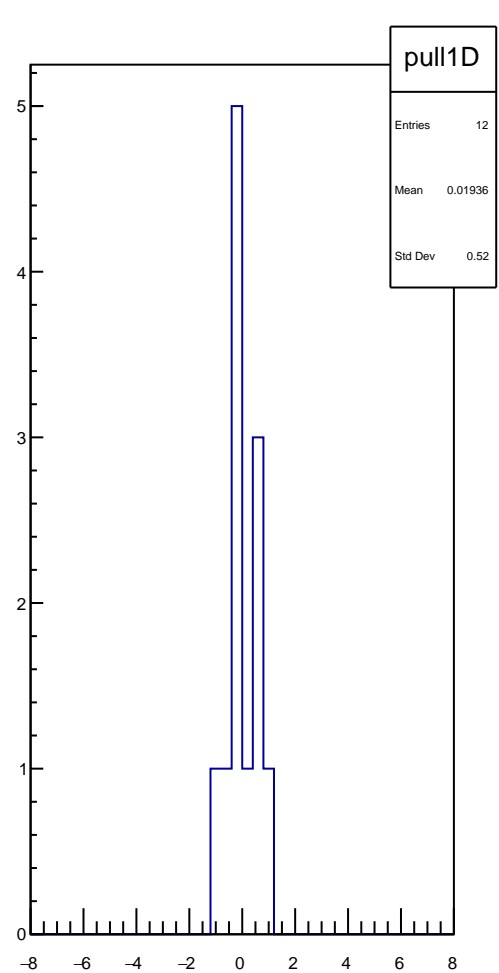
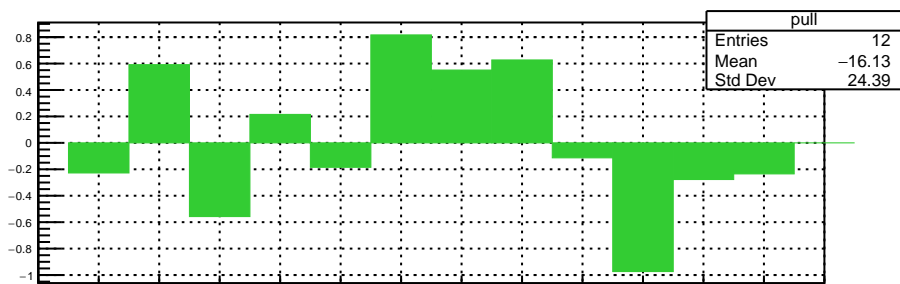
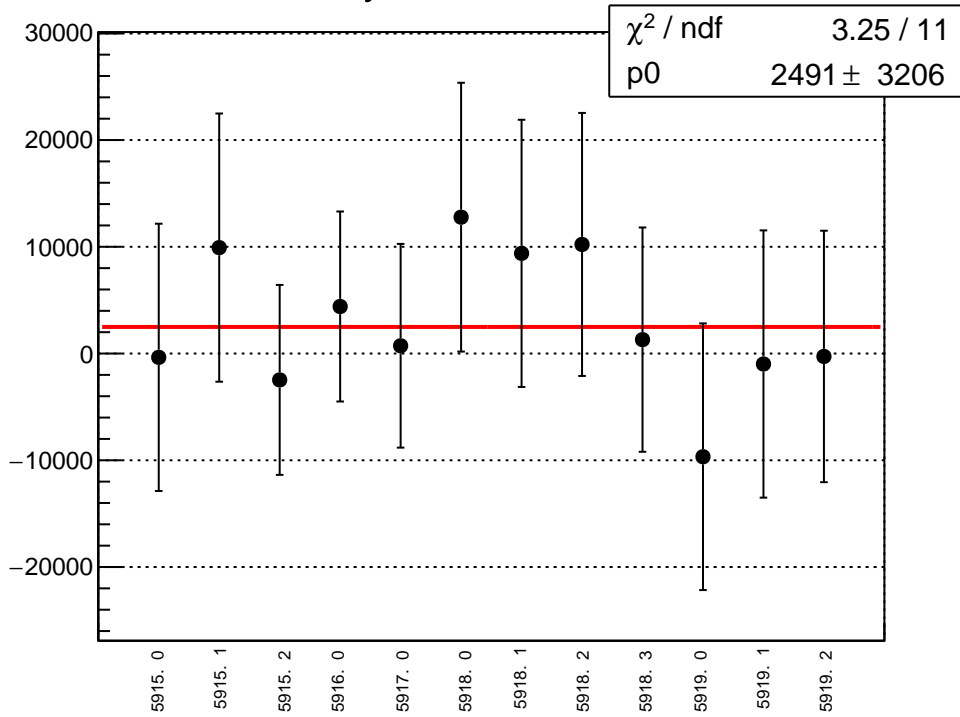
# asym\_usl\_mean vs run



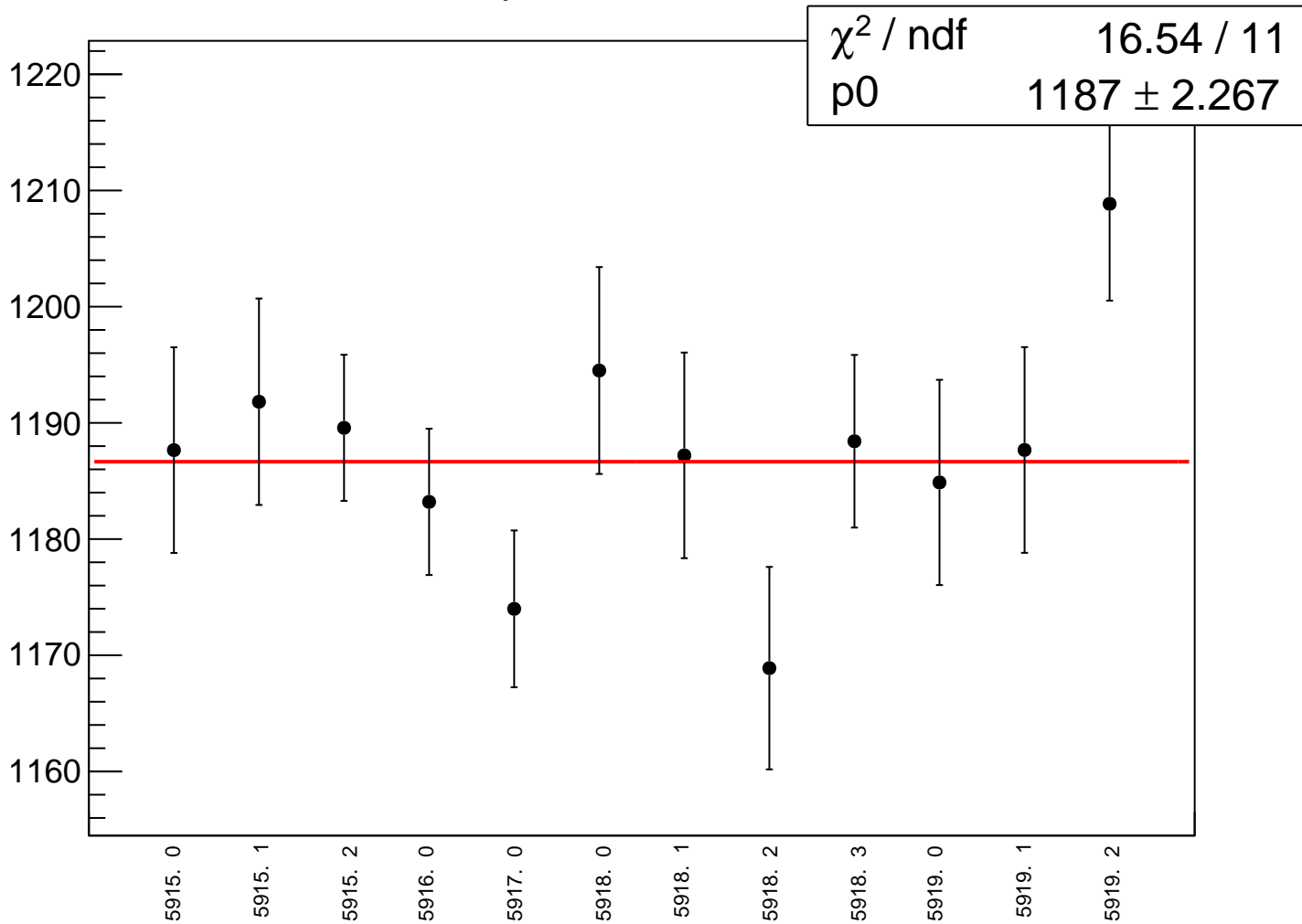
# asym\_usl\_rms vs run



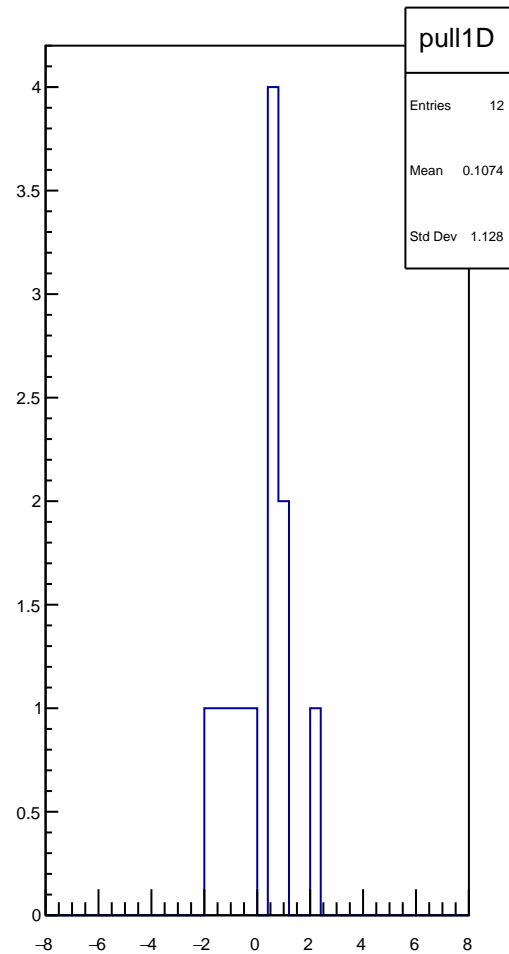
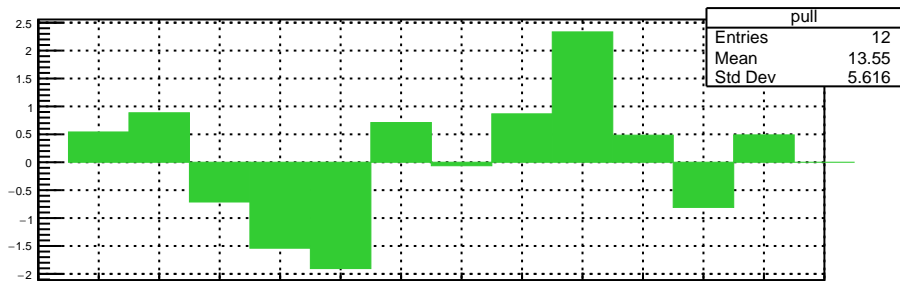
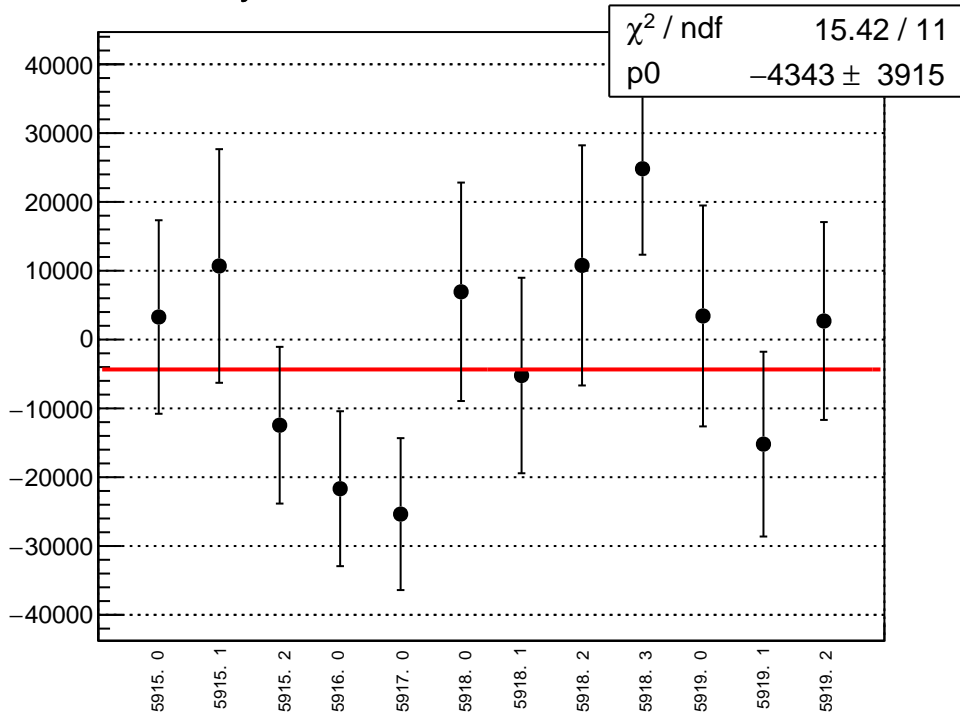
# dit\_asym\_usr\_mean vs run



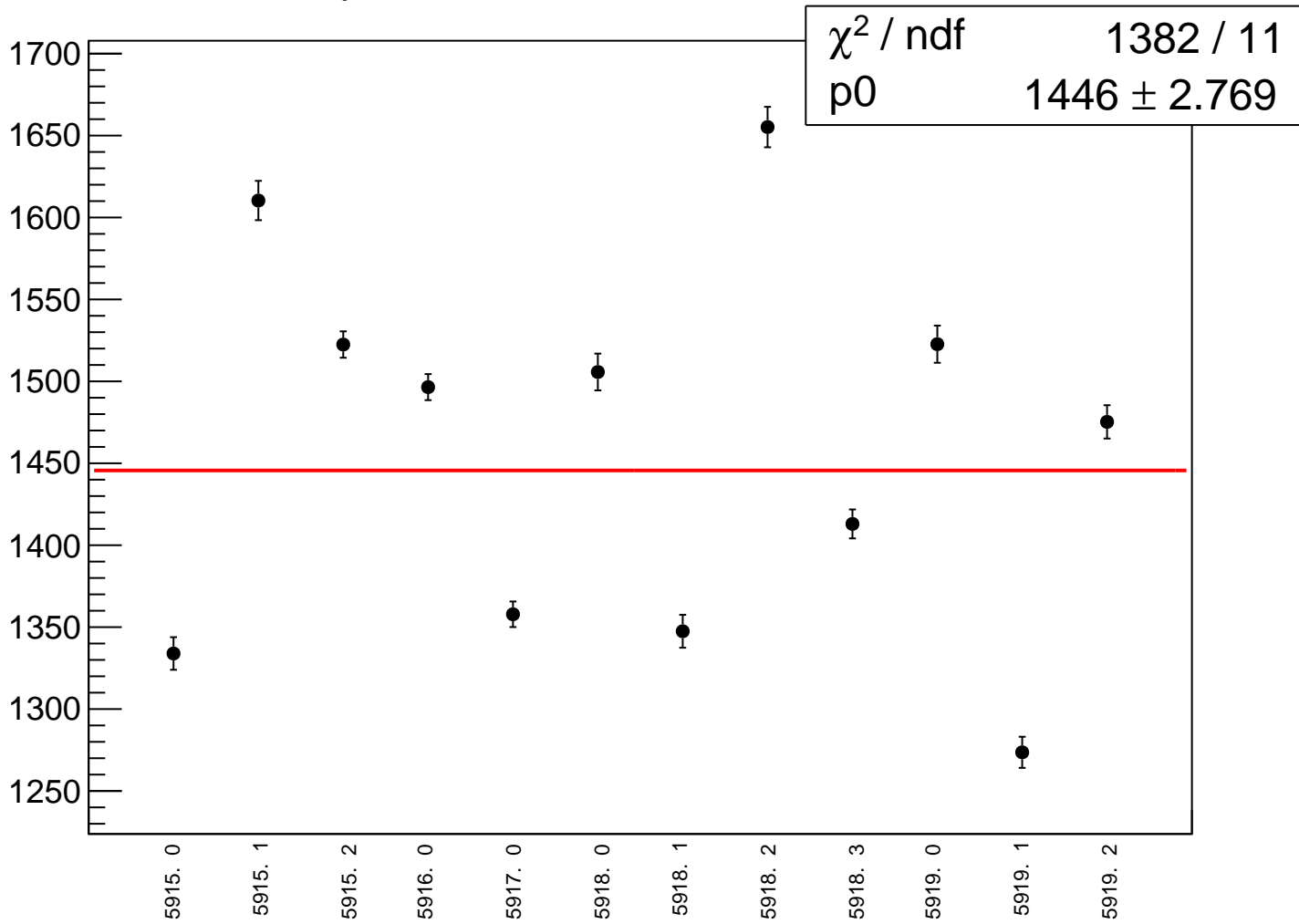
# dit\_asym\_usr\_rms vs run



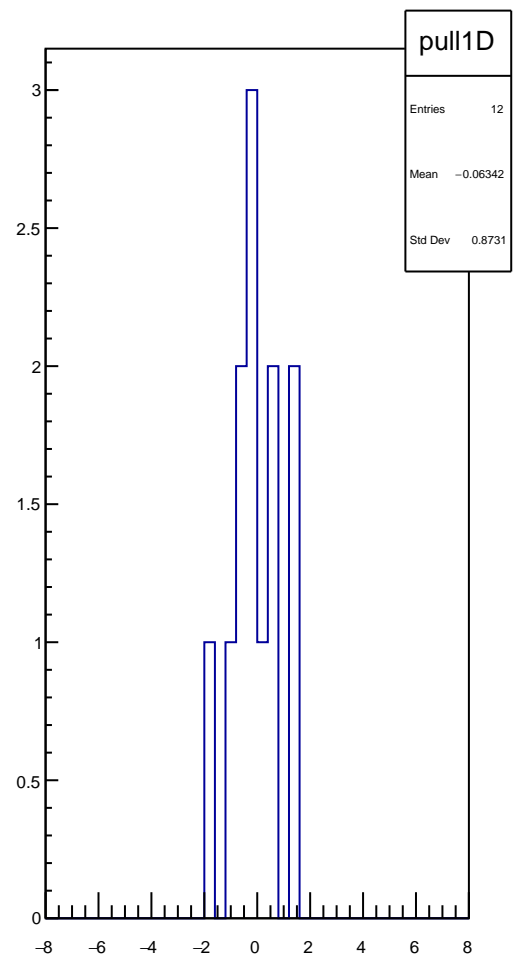
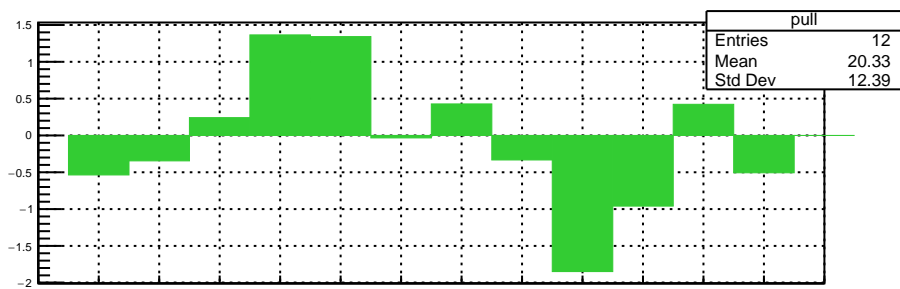
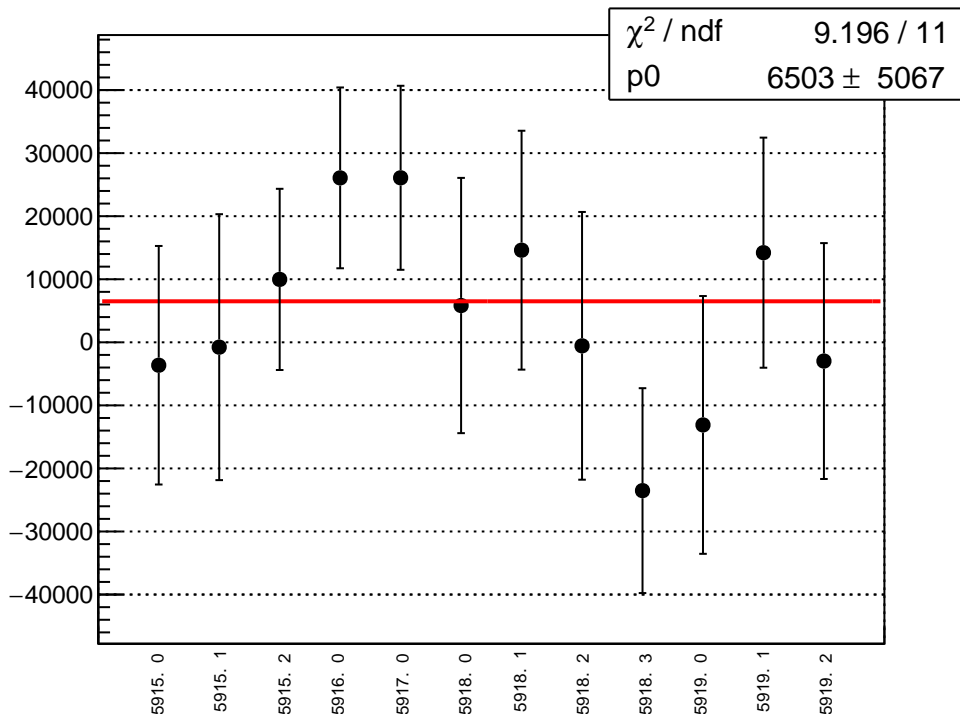
# asym\_usr\_correction\_mean vs run



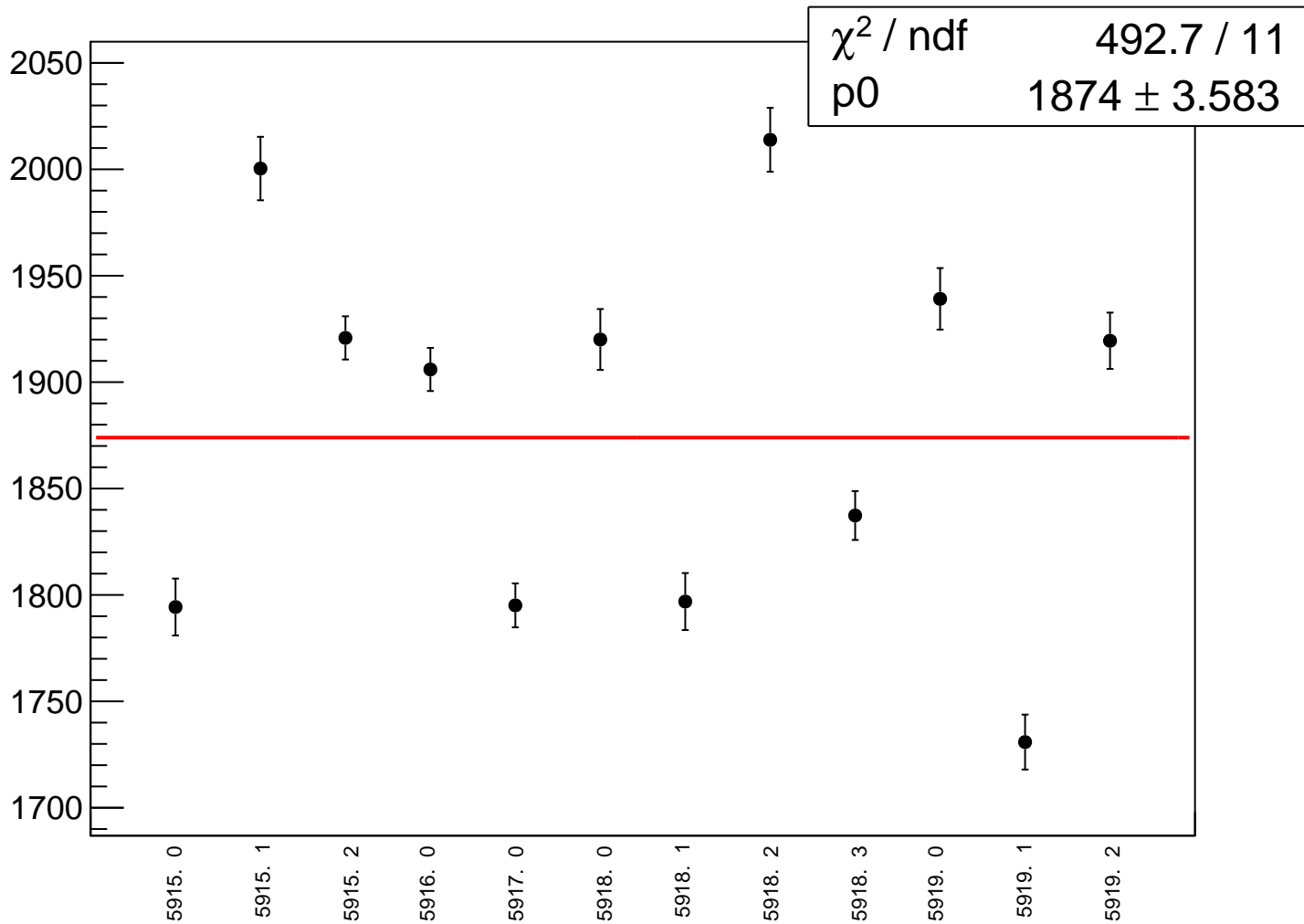
# asym\_usr\_correction\_rms vs run



# asym\_usr\_mean vs run

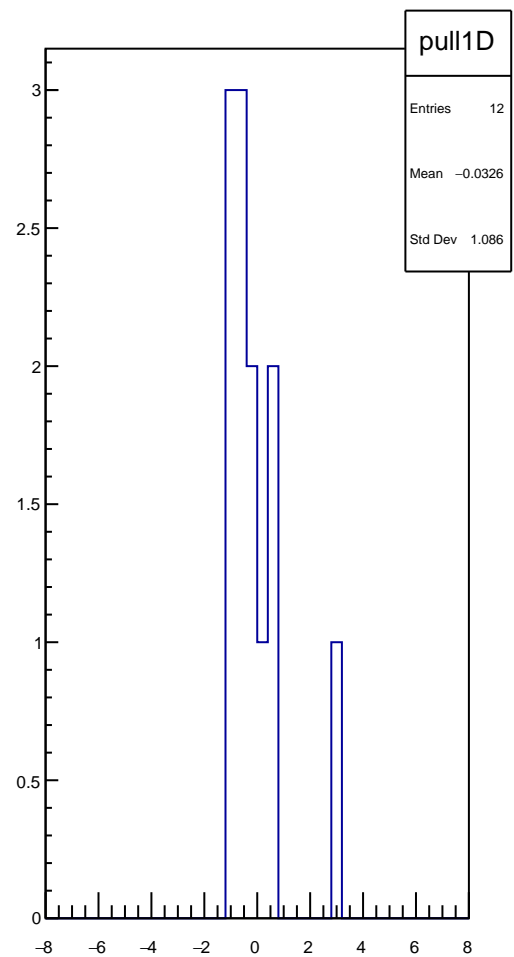
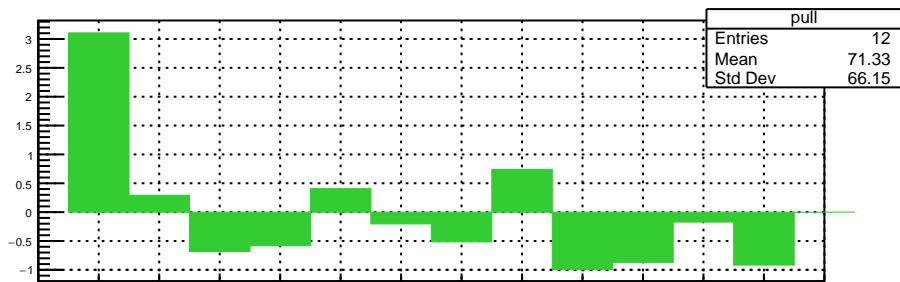
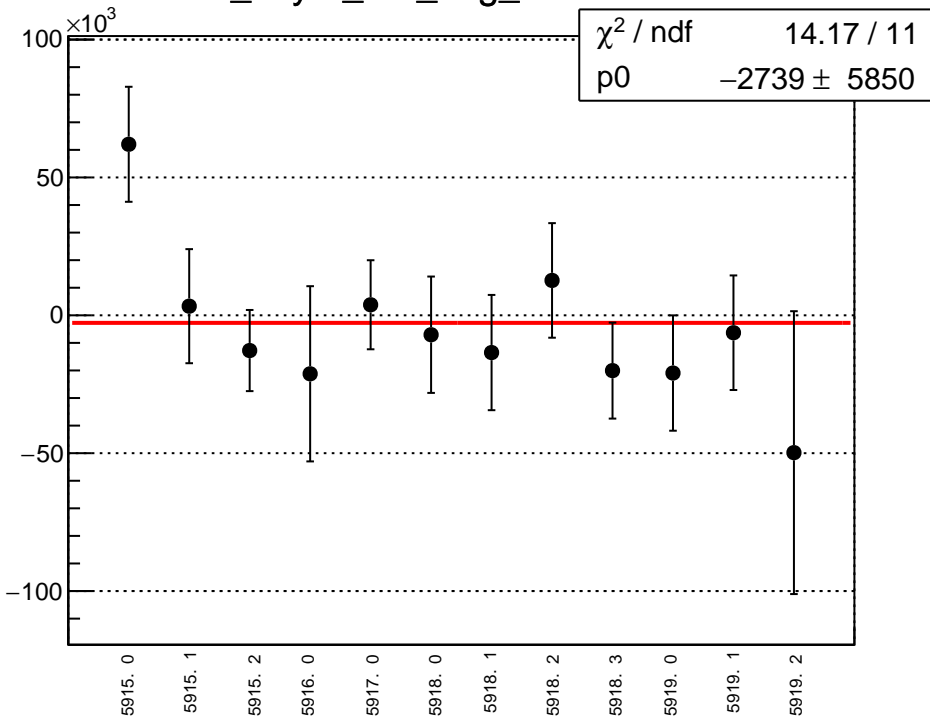


# asym\_usr\_rms vs run

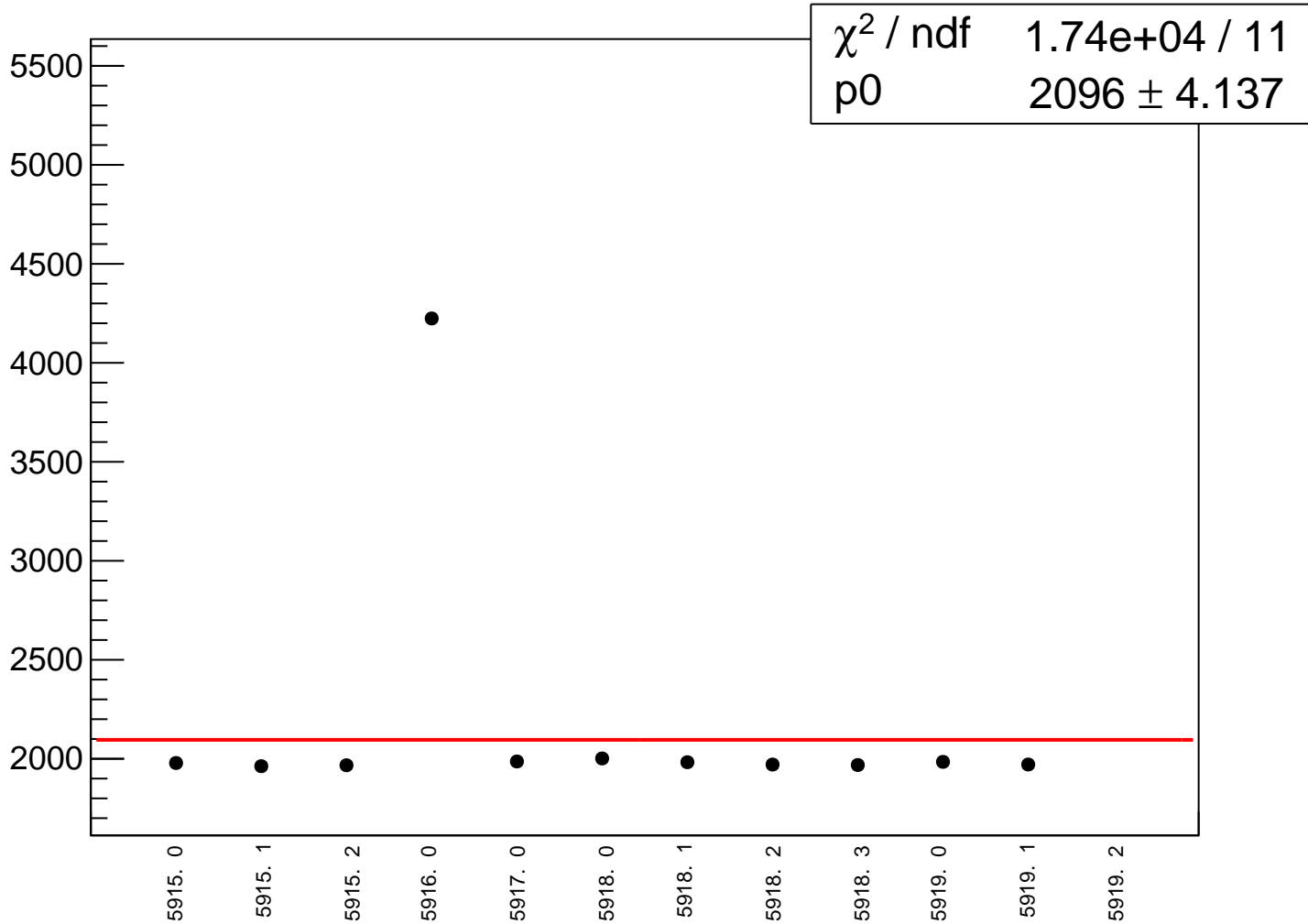




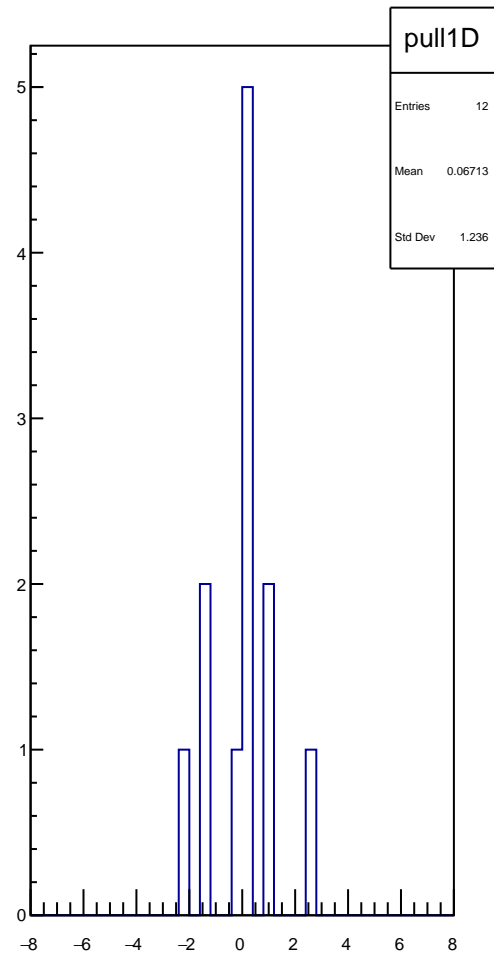
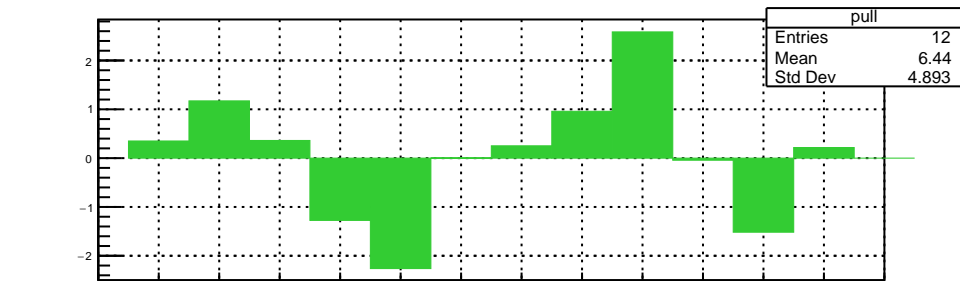
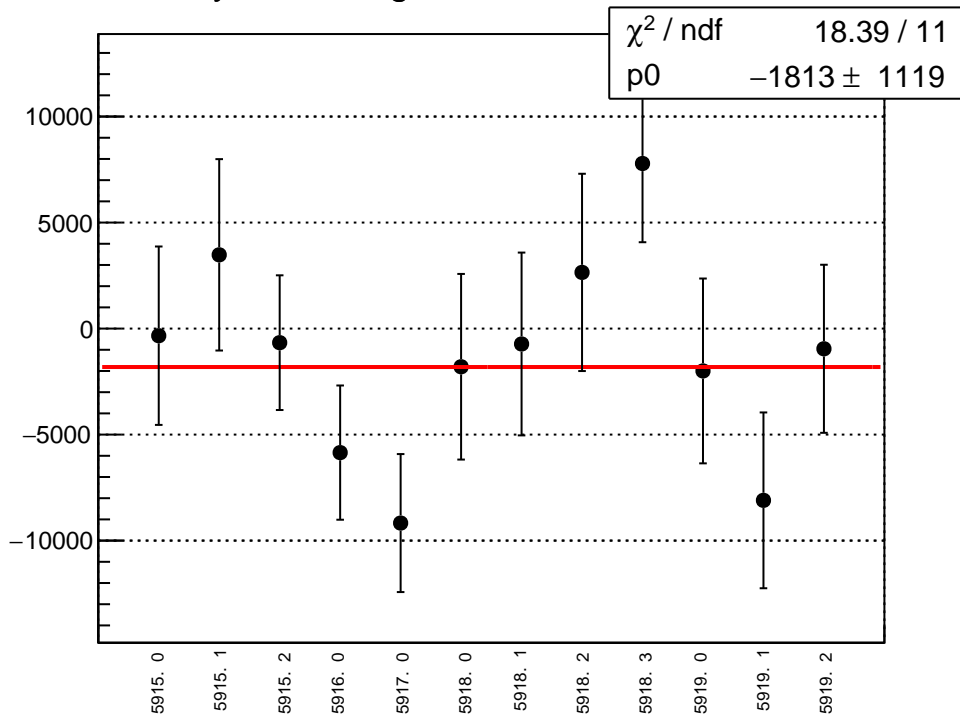
# dit\_asym\_at1\_avg\_mean vs run



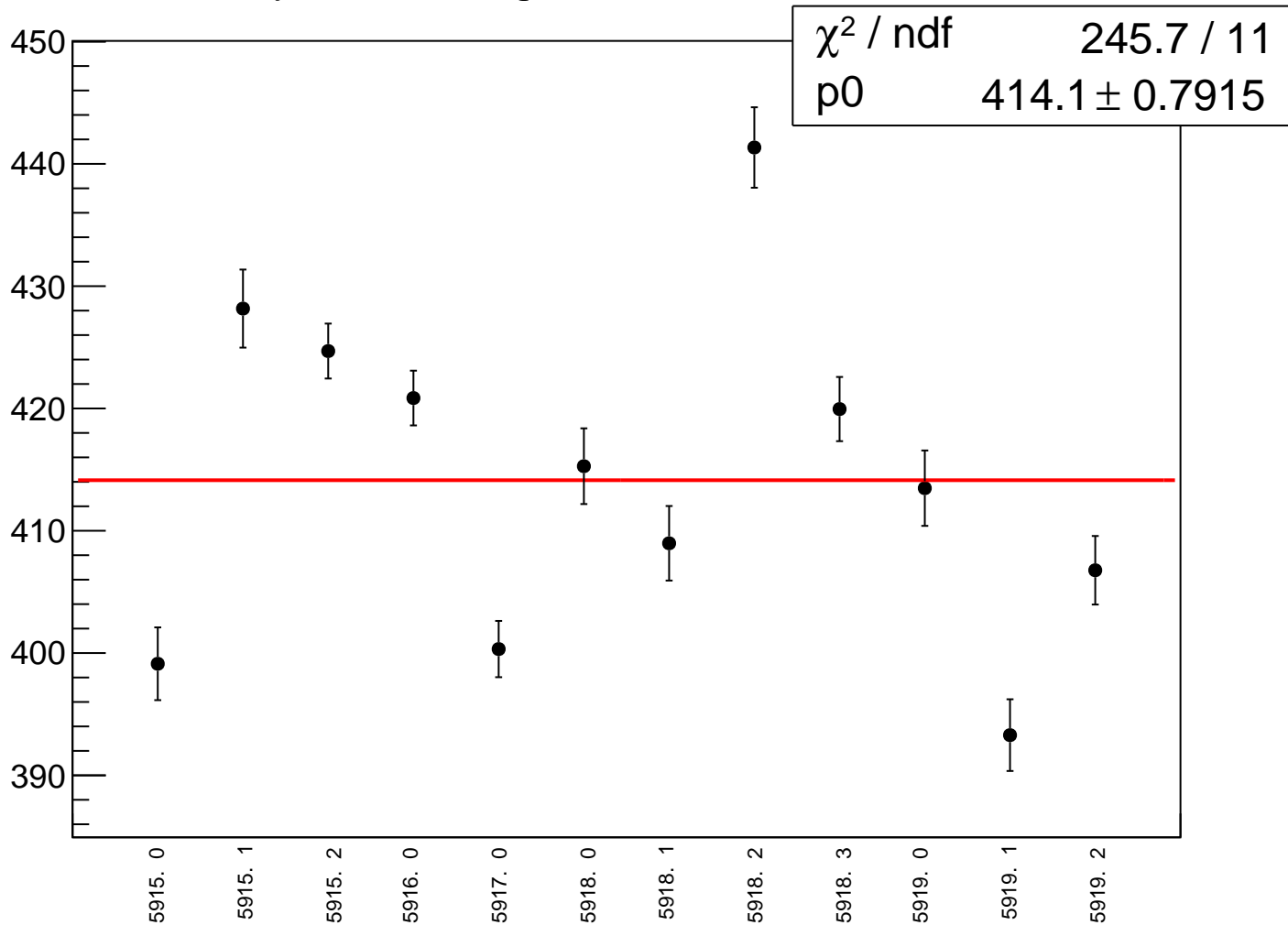
# dit\_asym\_at1\_avg\_rms vs run



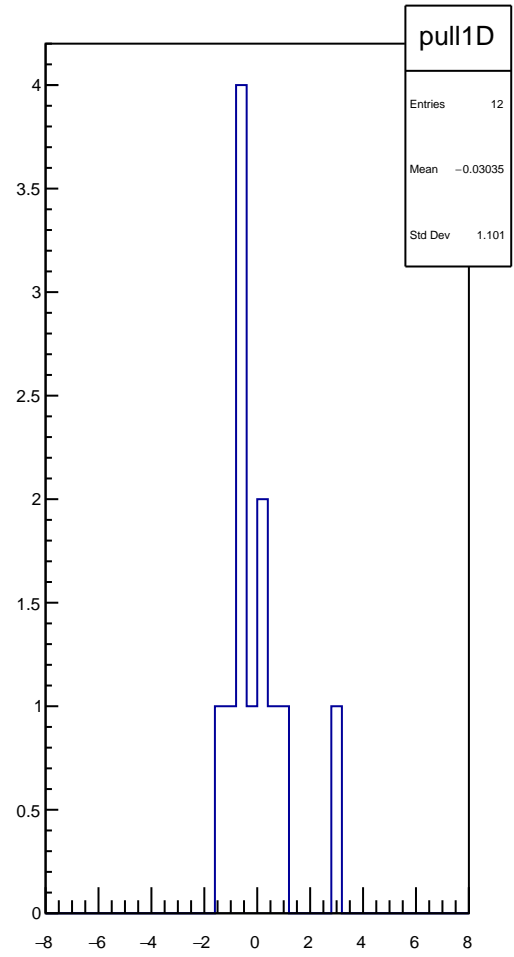
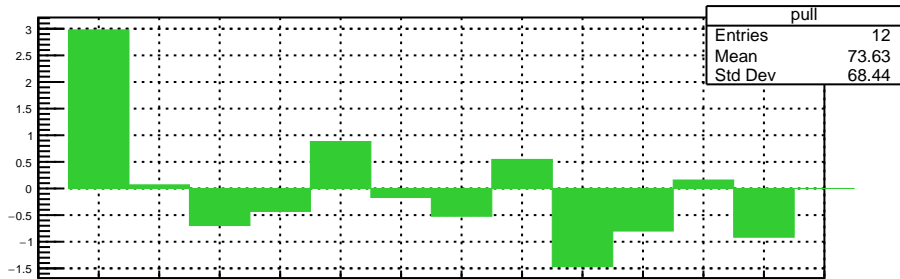
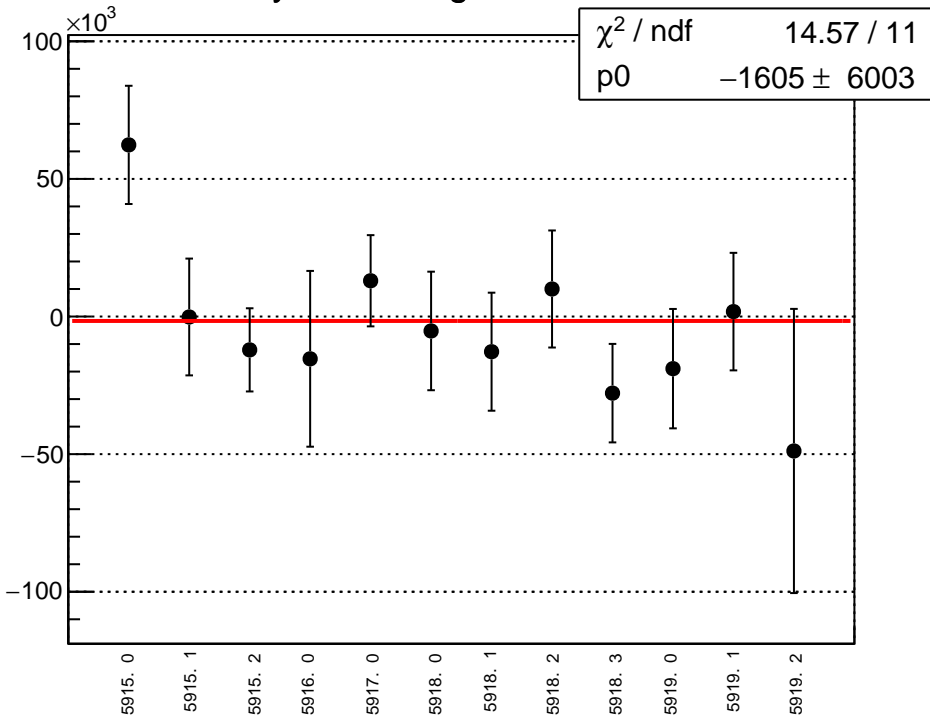
asym\_at1\_avg\_correction\_mean vs run



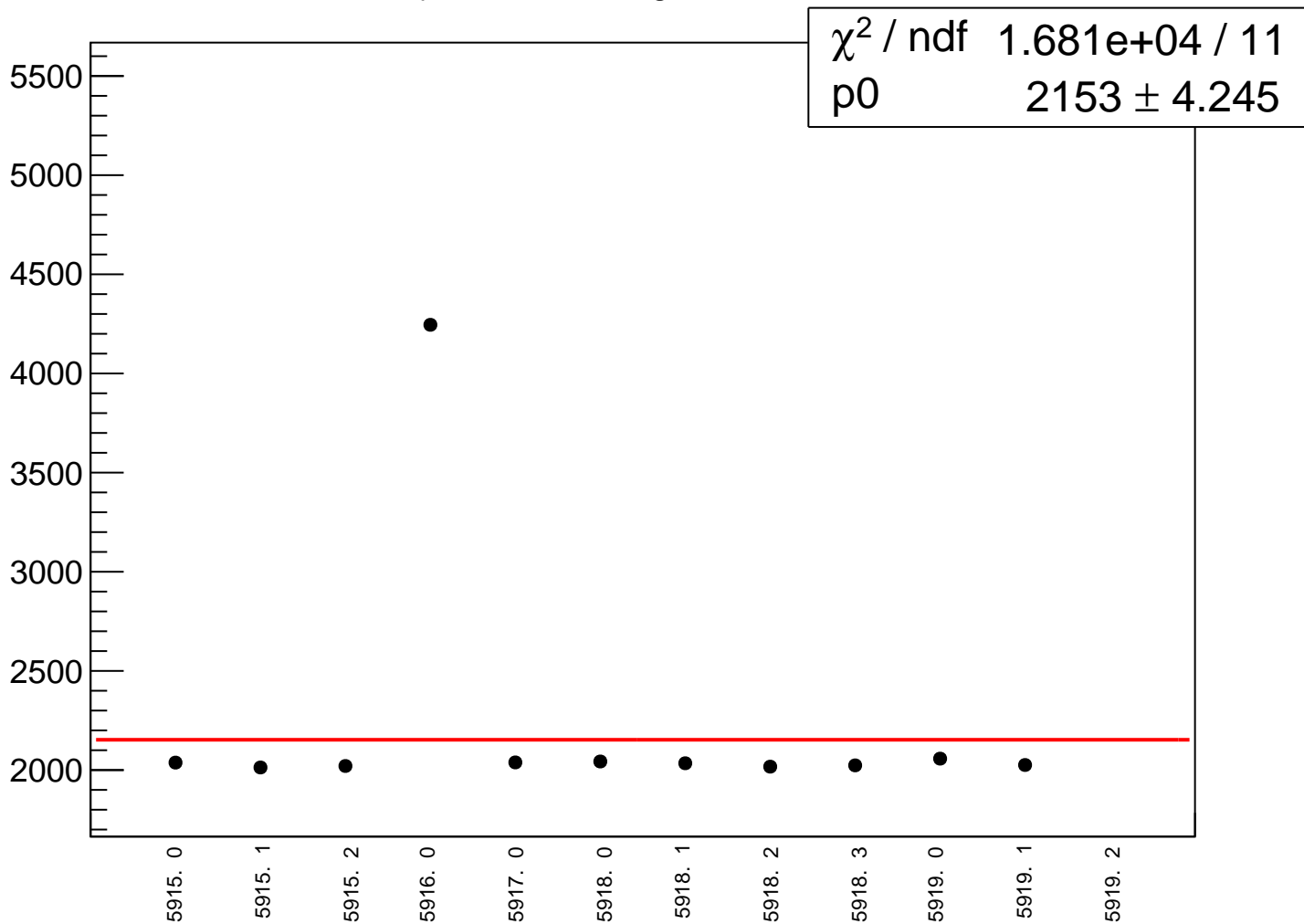
# asym\_at1\_avg\_correction\_rms vs run



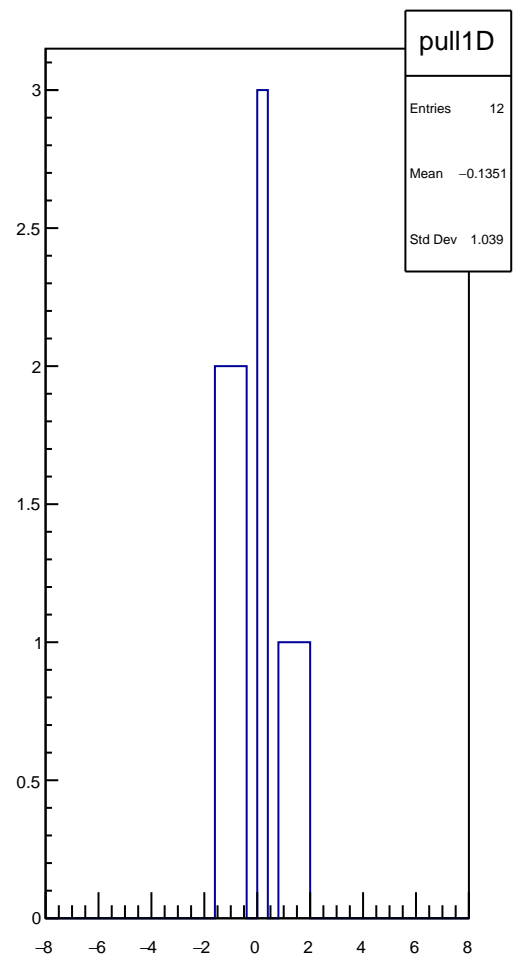
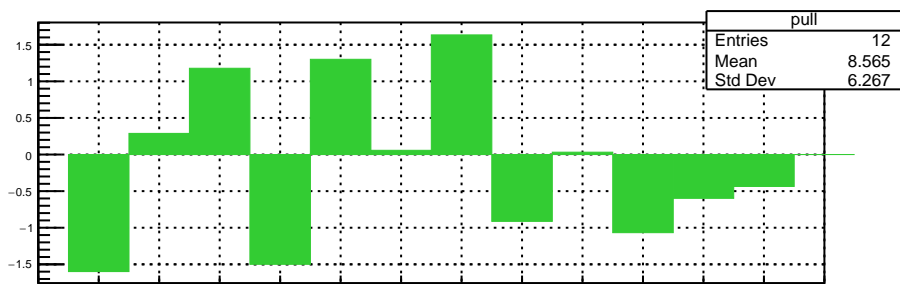
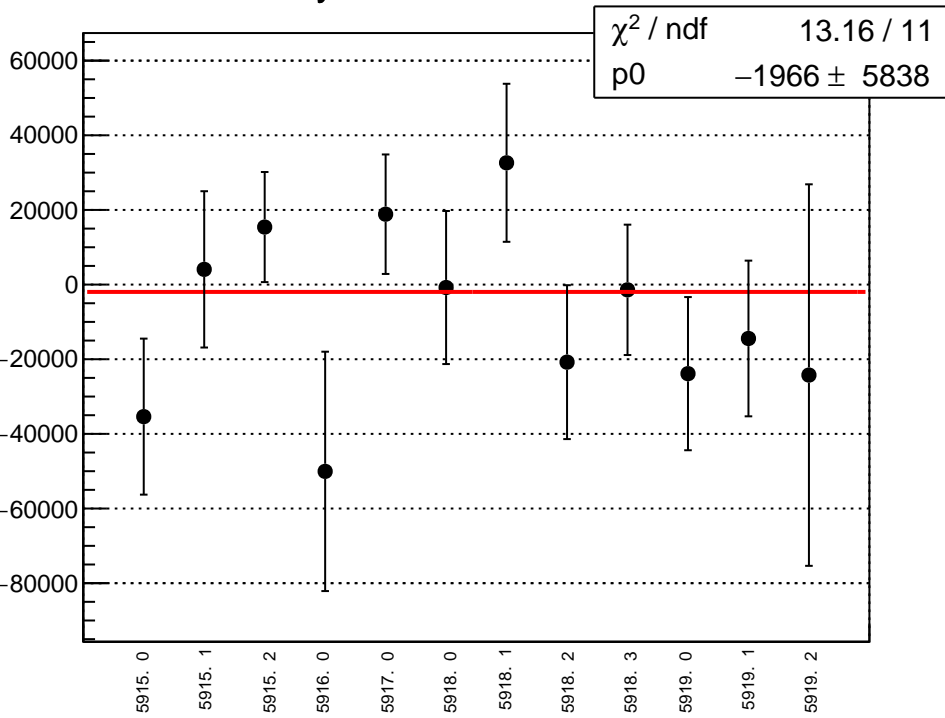
# asym\_at1\_avg\_mean vs run



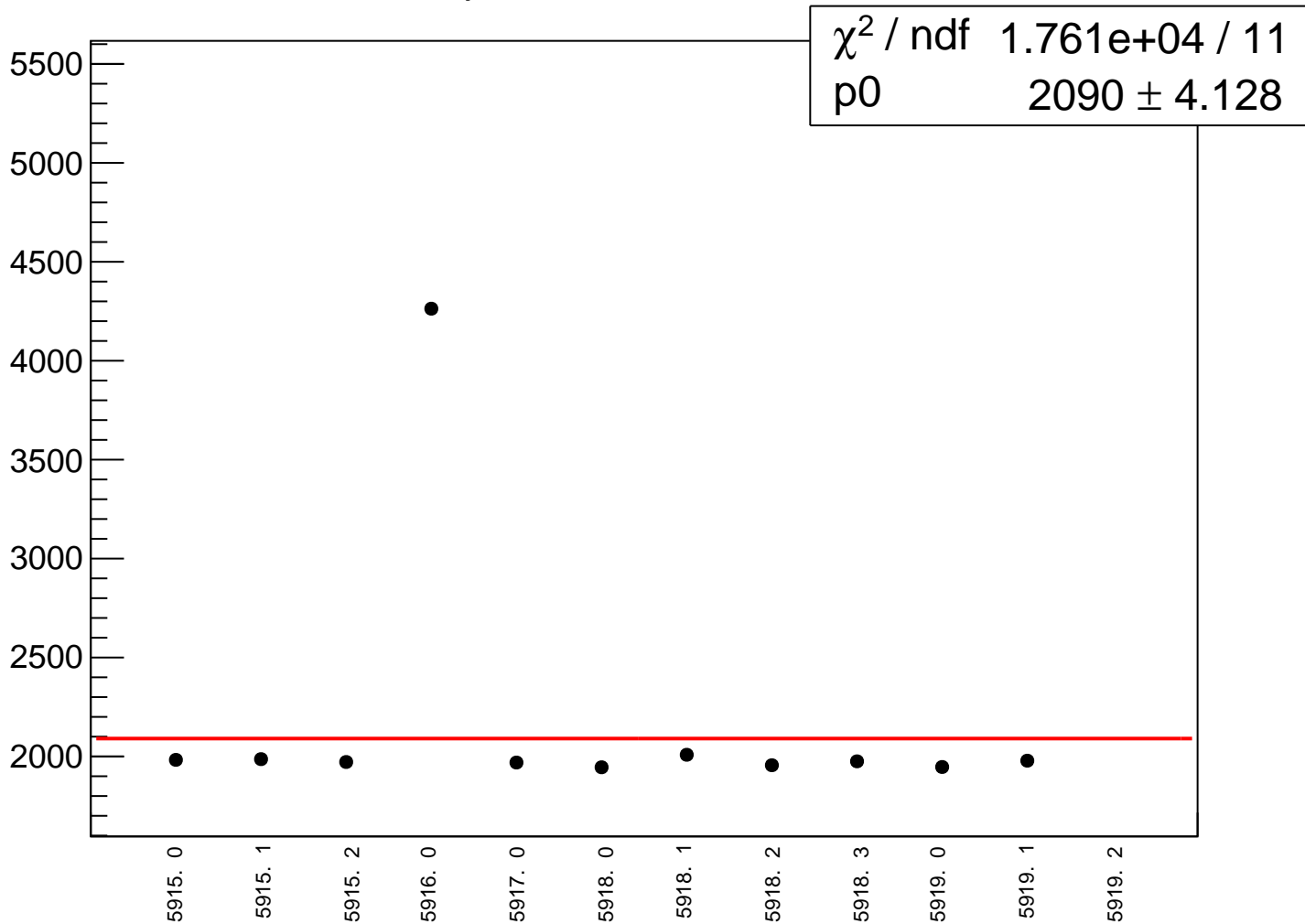
# asym\_at1\_avg\_rms vs run



# dit\_asym\_at1\_dd\_mean vs run

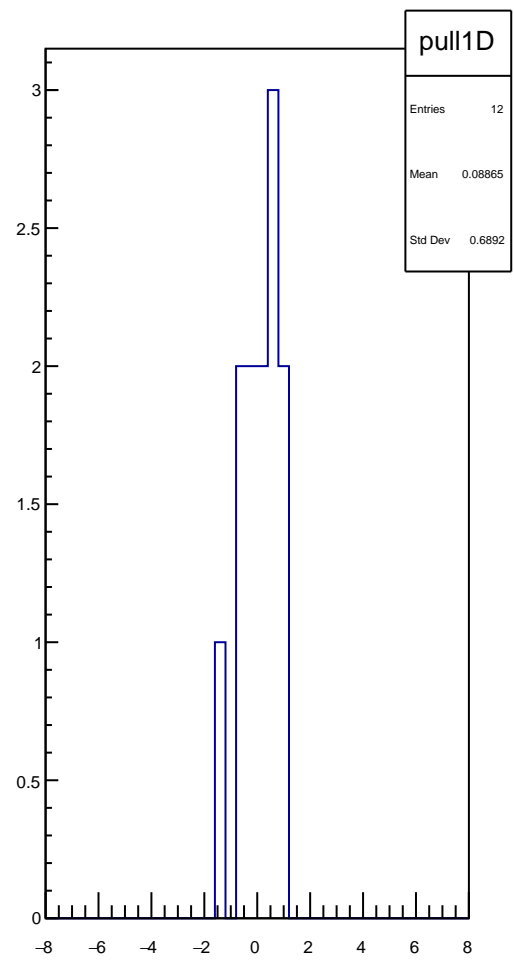
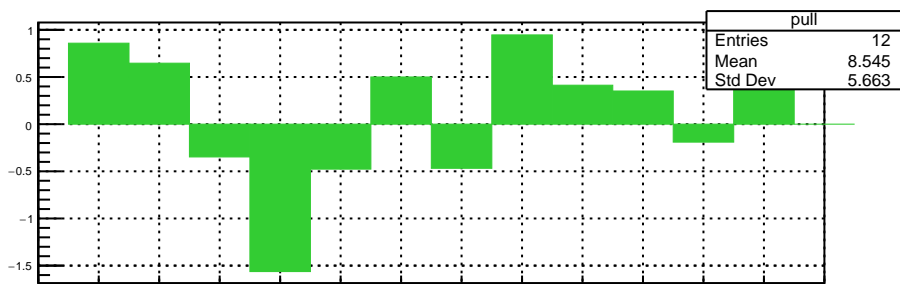
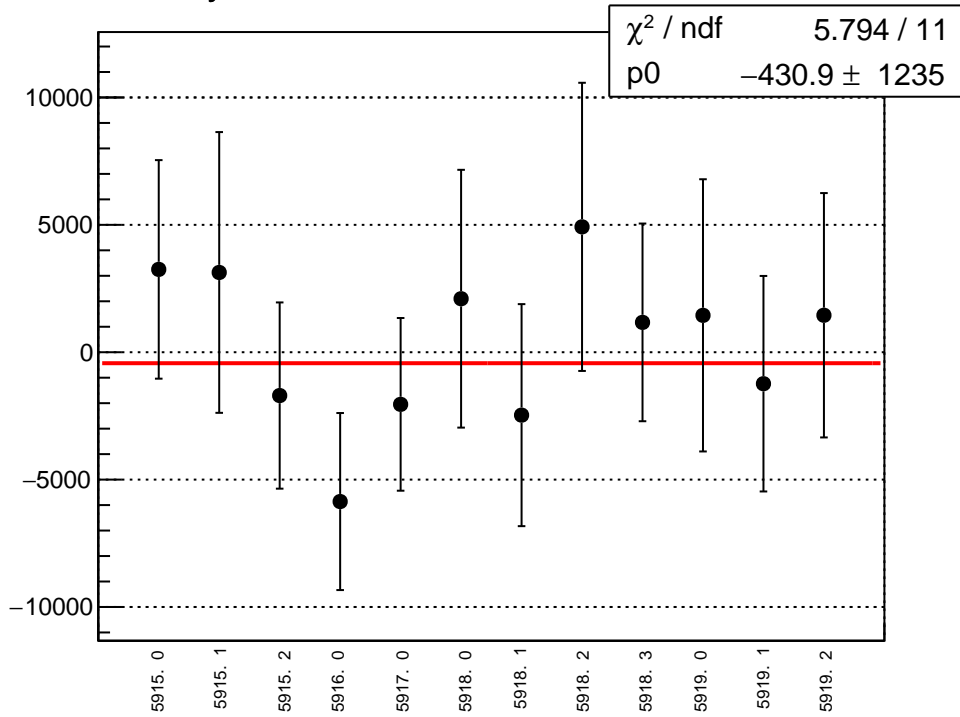


# dit\_asym\_at1\_dd\_rms vs run

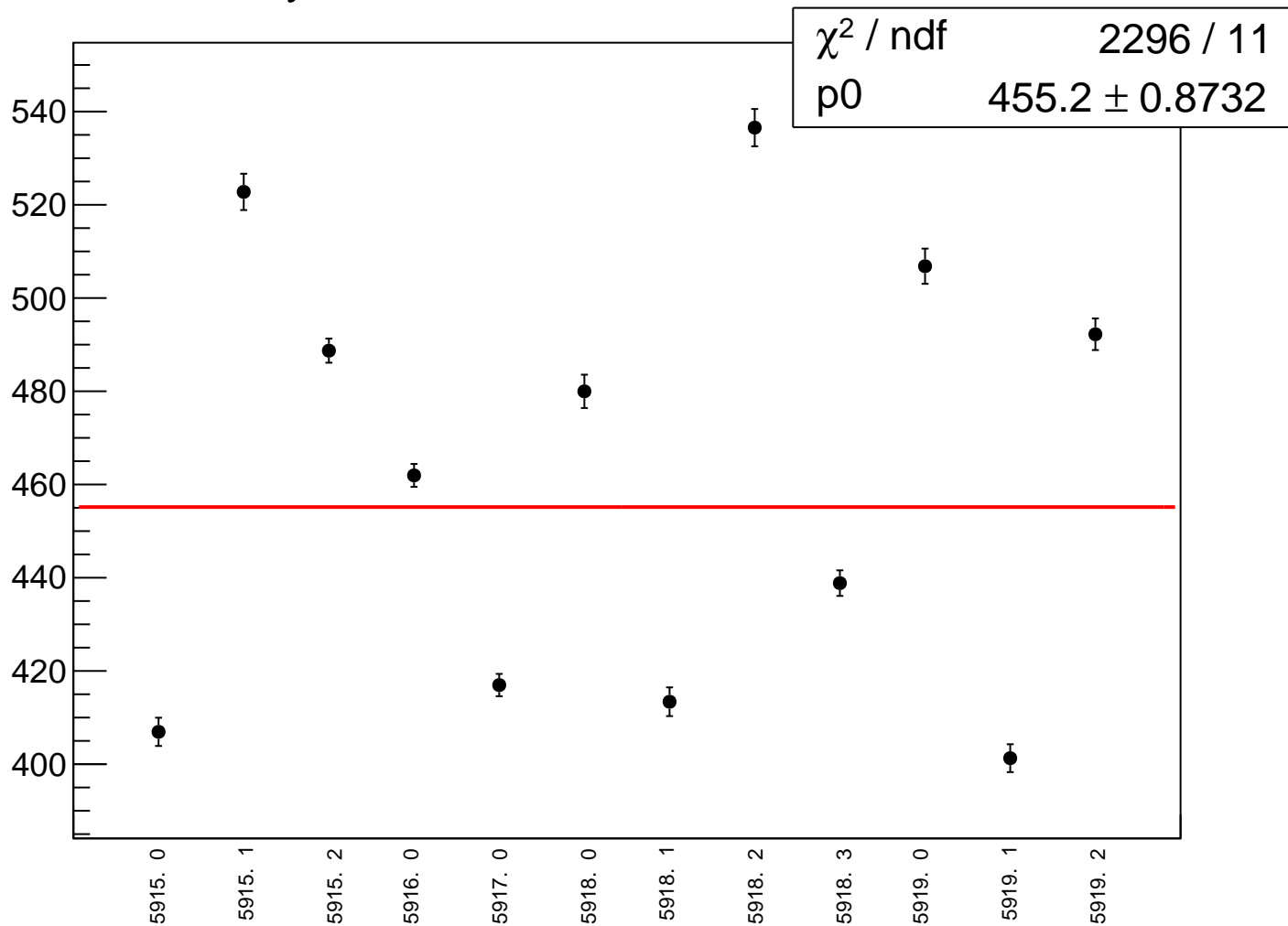




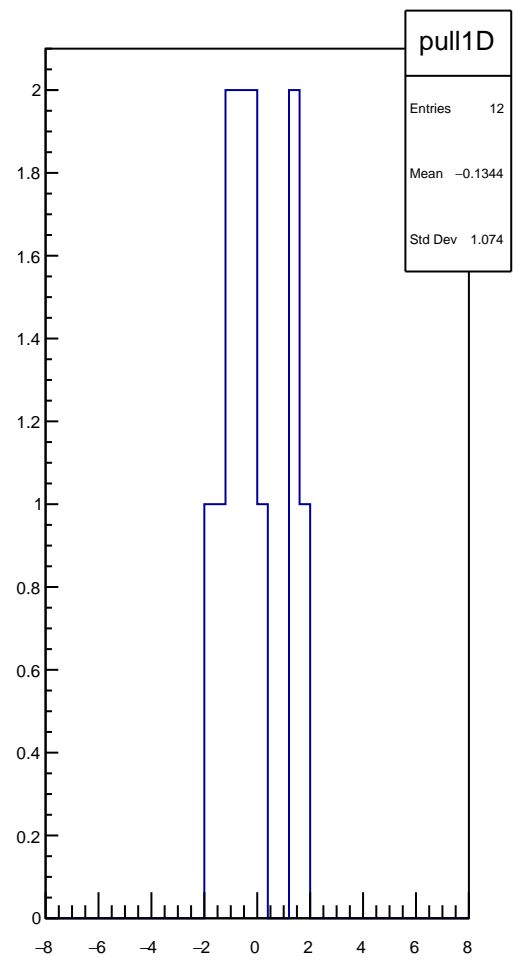
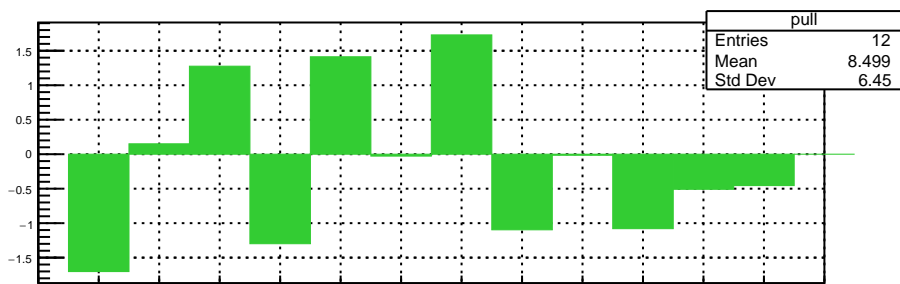
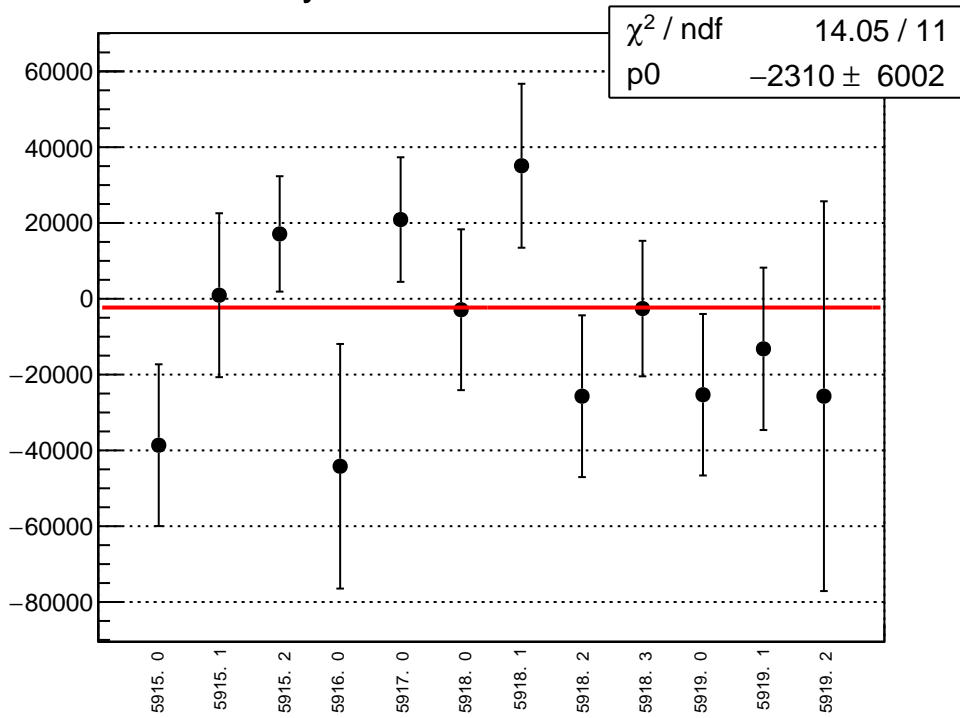
# asym\_at1\_dd\_correction\_mean vs run



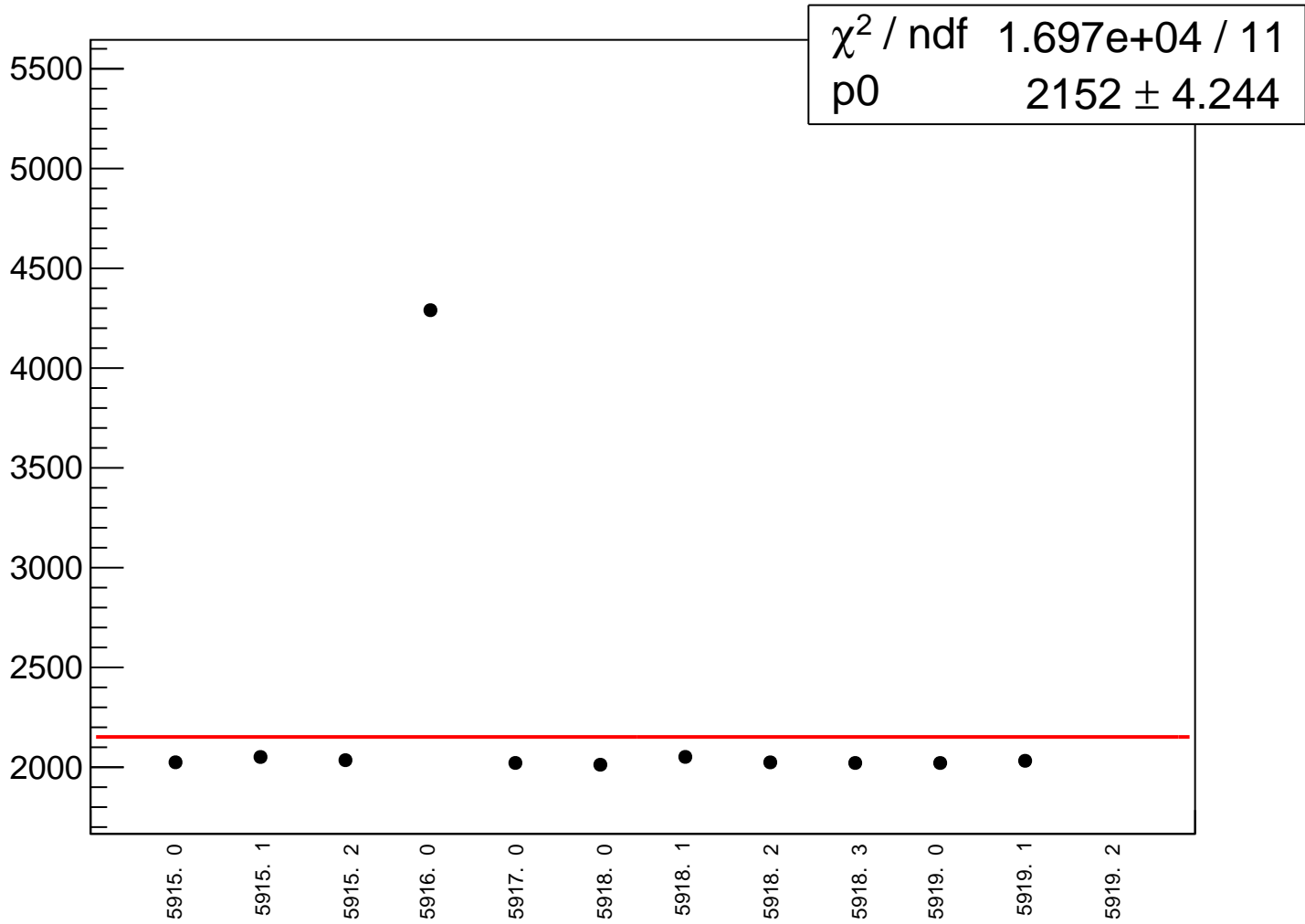
# asym\_at1\_dd\_correction\_rms vs run



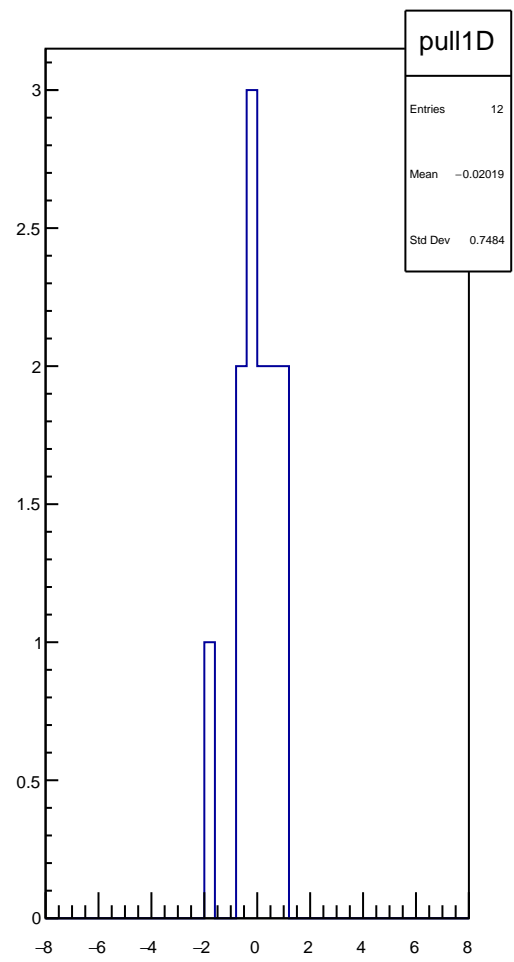
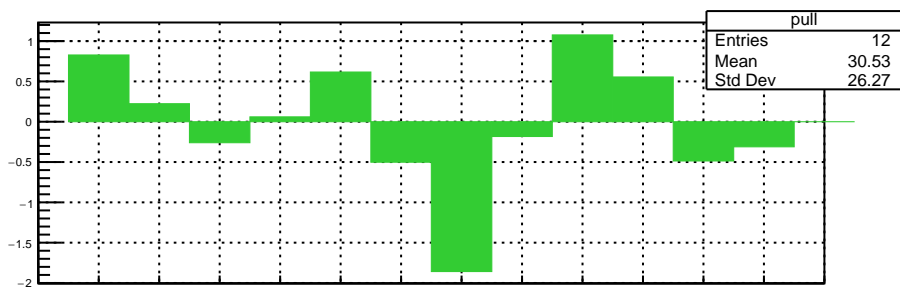
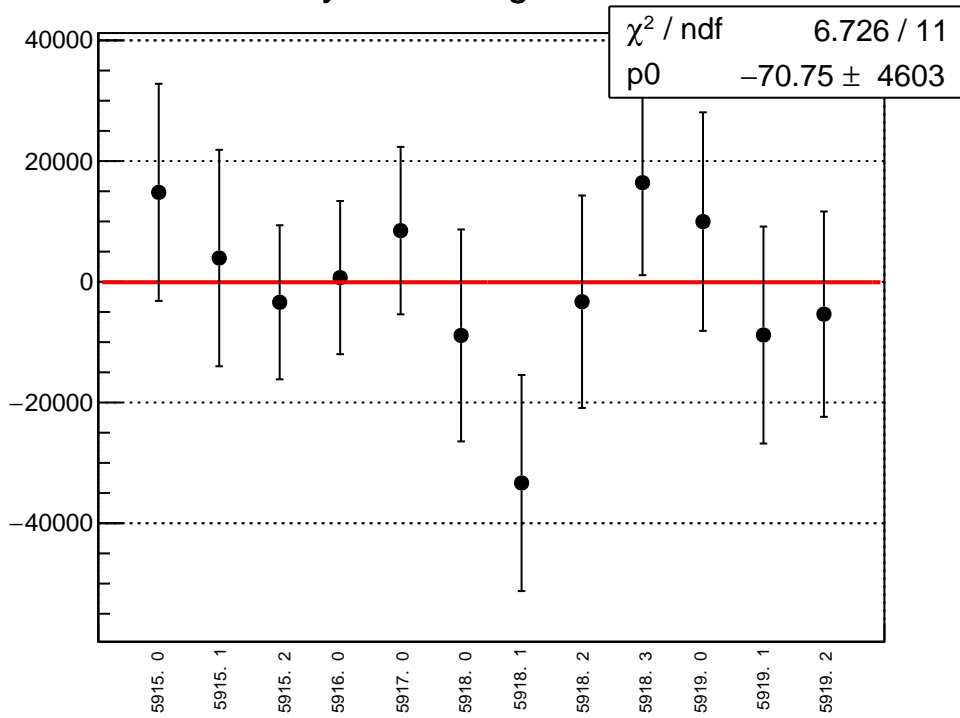
# asym\_at1\_dd\_mean vs run



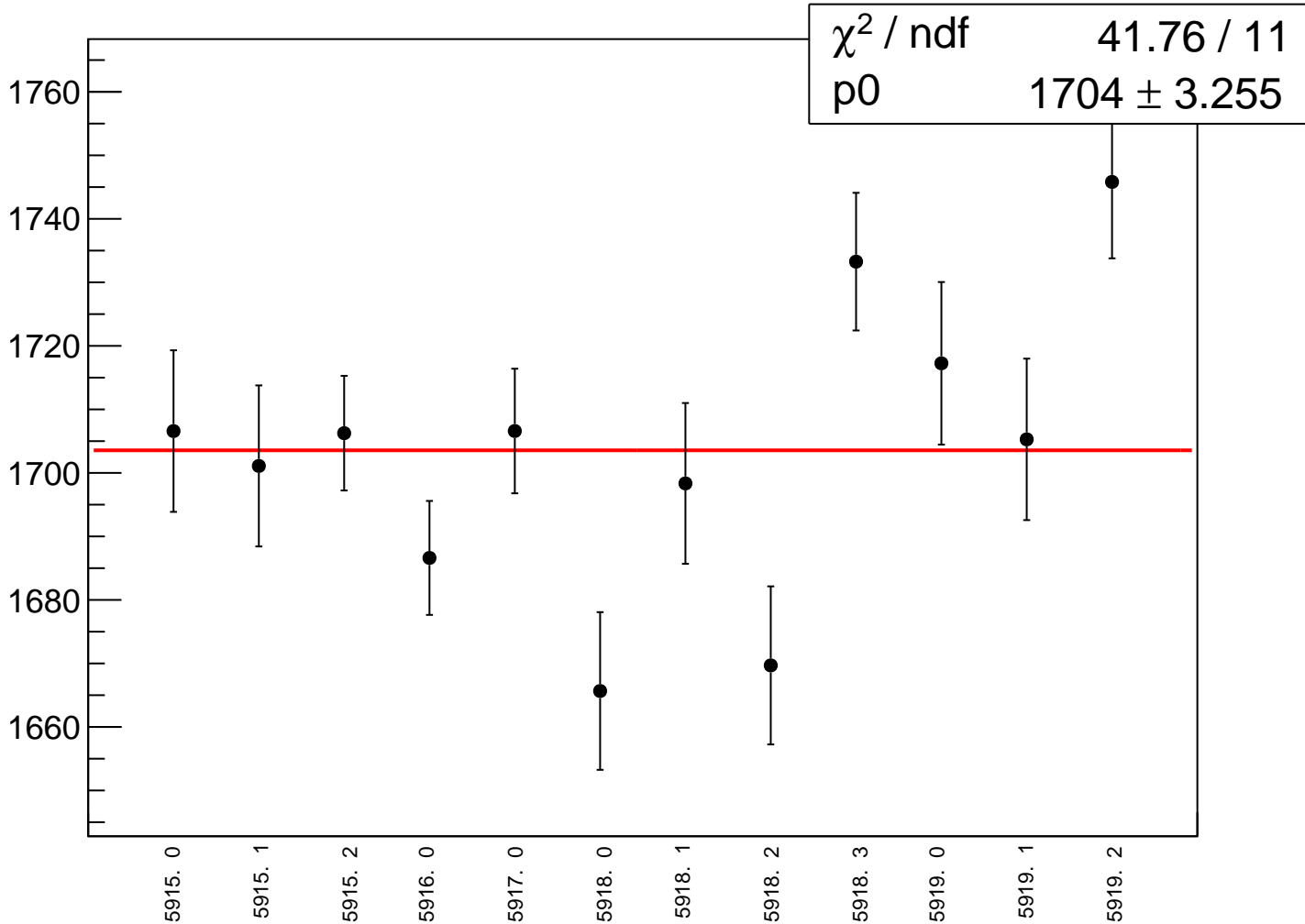
# asym\_at1\_dd\_rms vs run



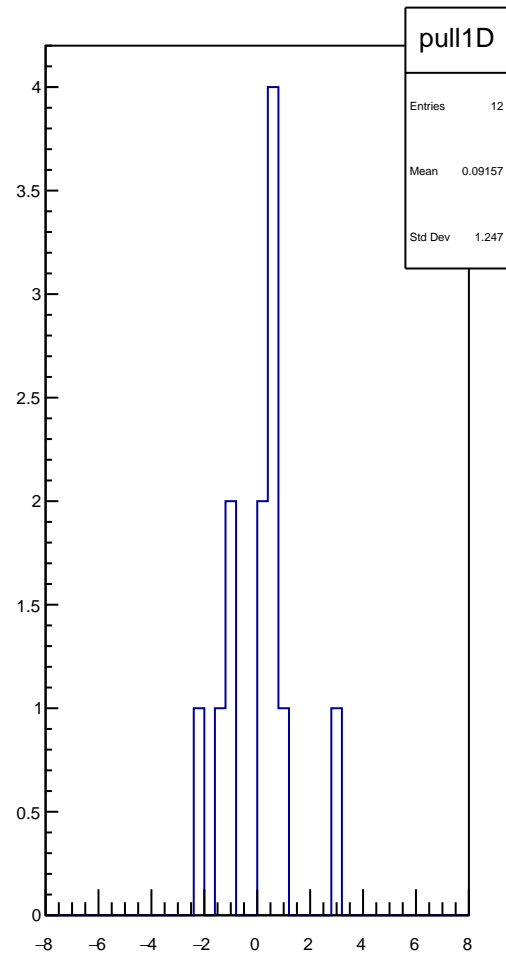
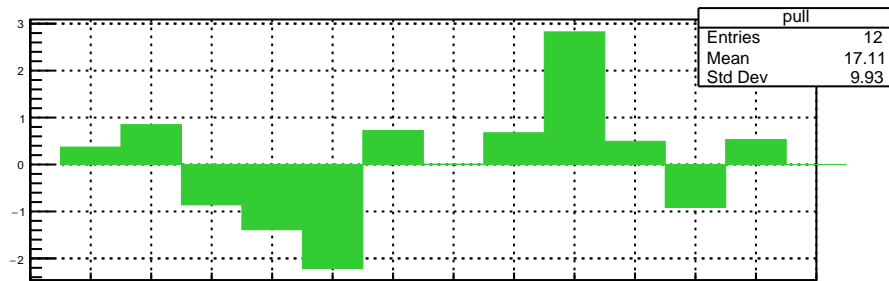
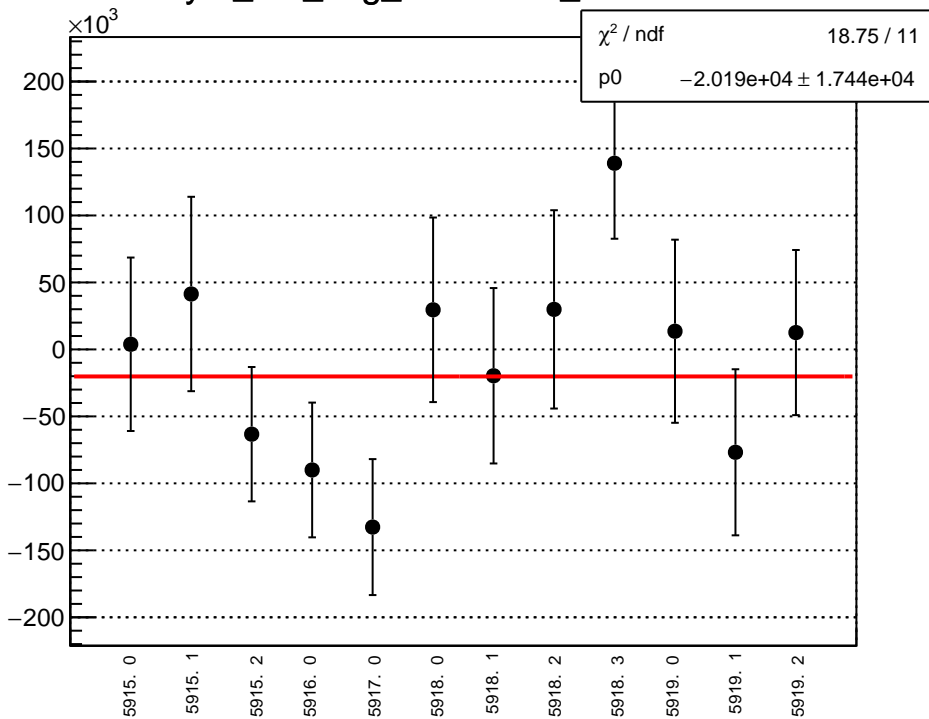
# dit\_asym\_at2\_avg\_mean vs run



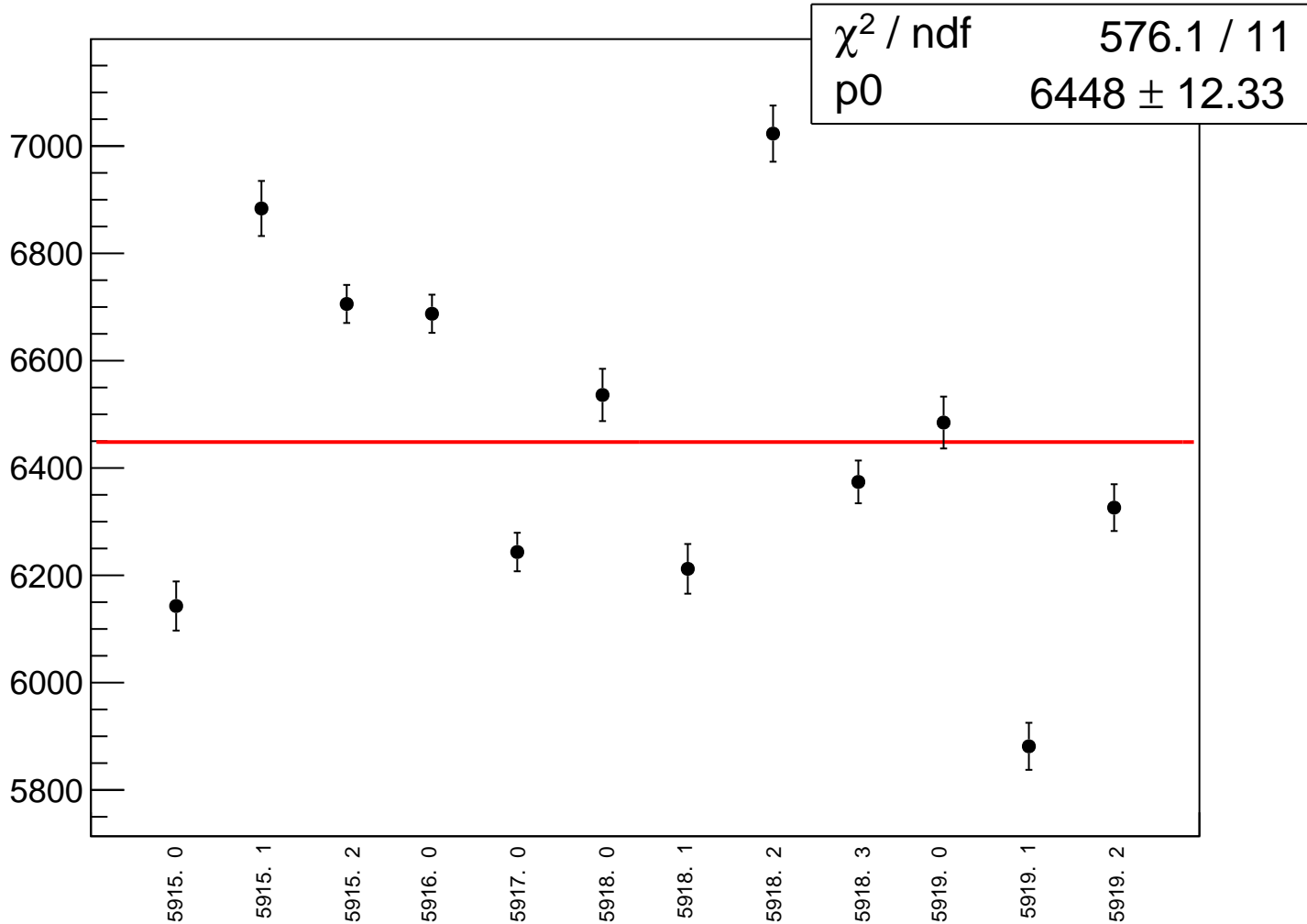
# dit\_asym\_at2\_avg\_rms vs run



asym\_at2\_avg\_correction\_mean vs run

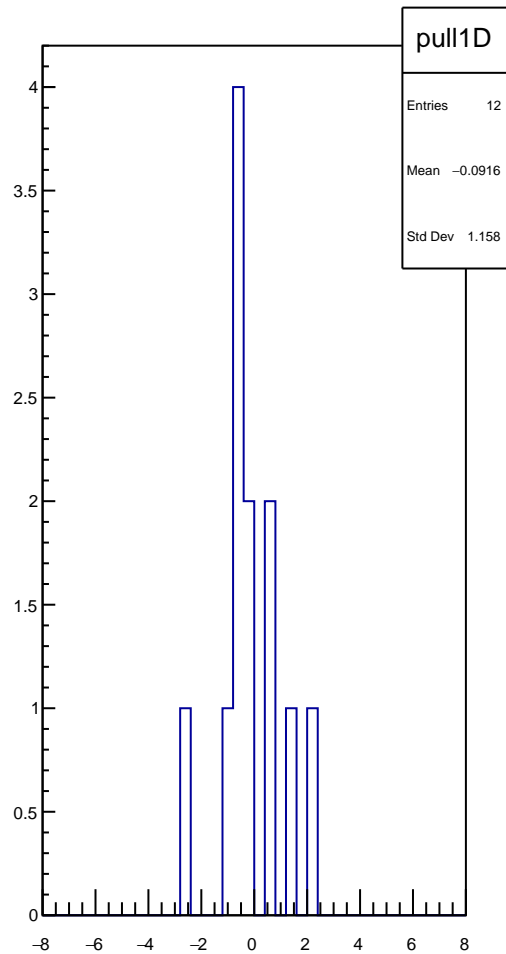
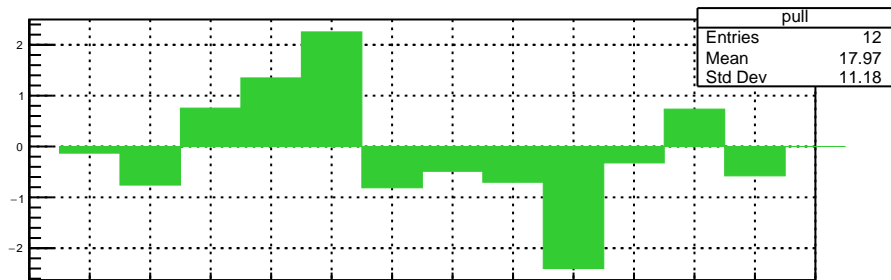
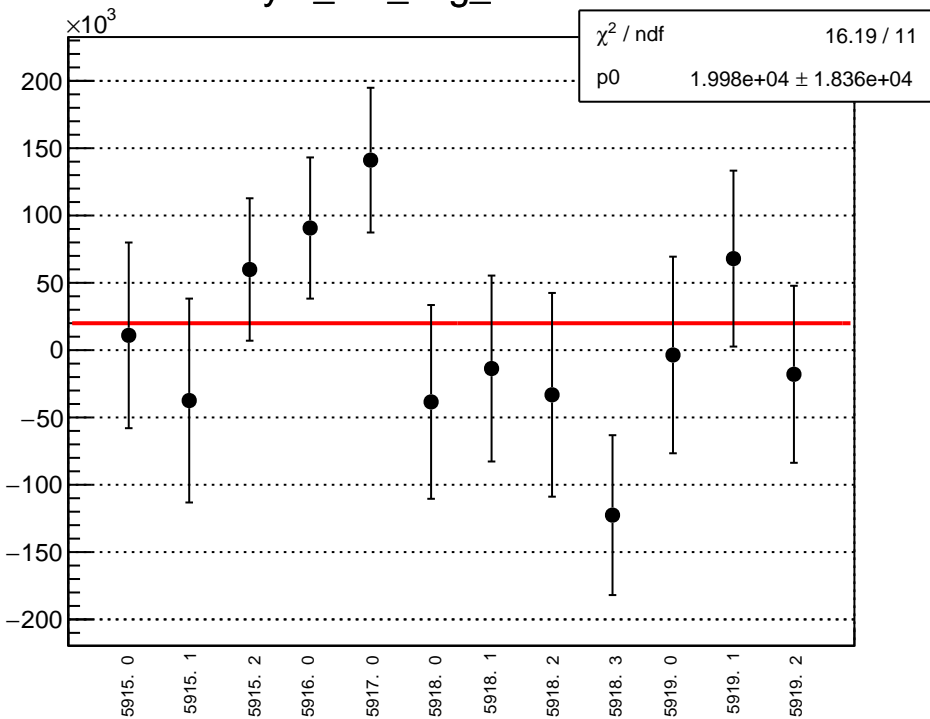


# asym\_at2\_avg\_correction\_rms vs run

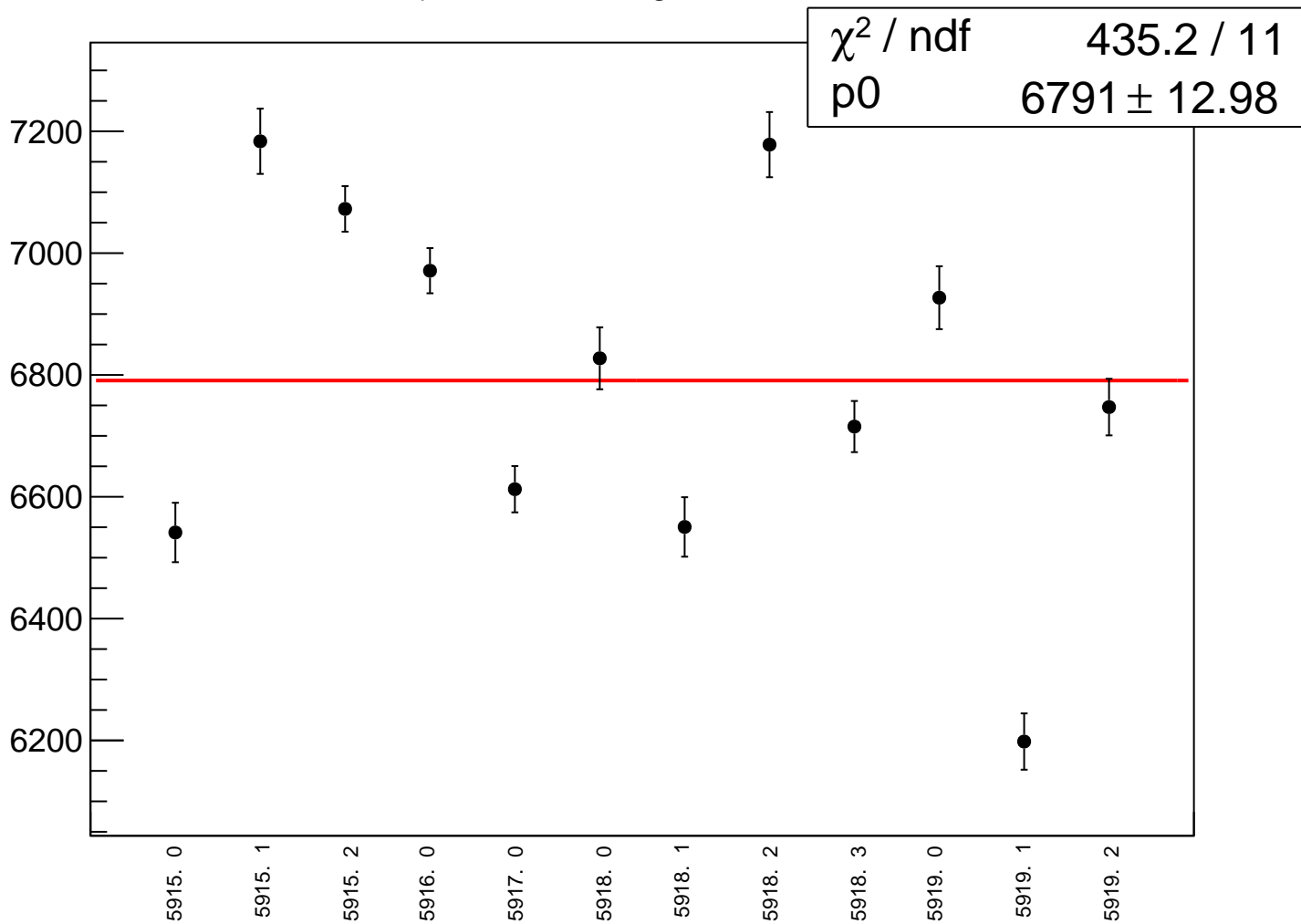




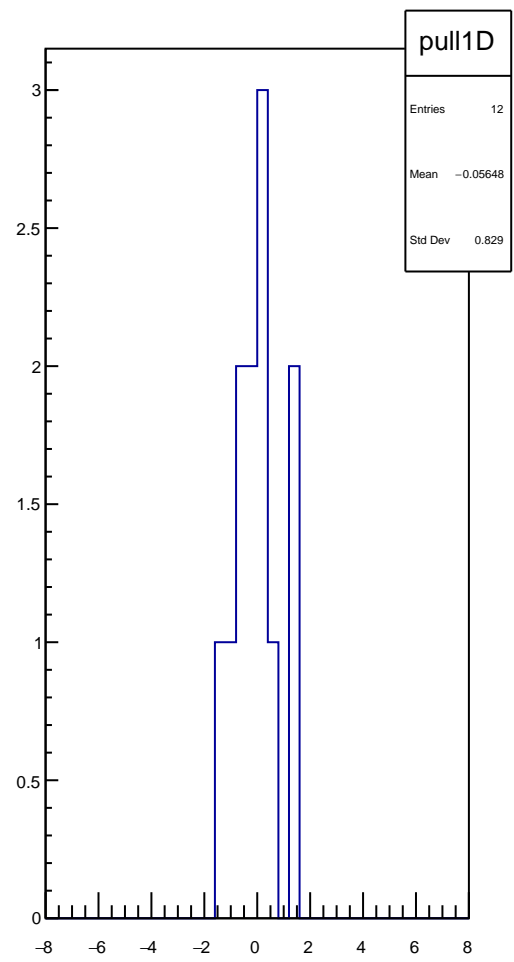
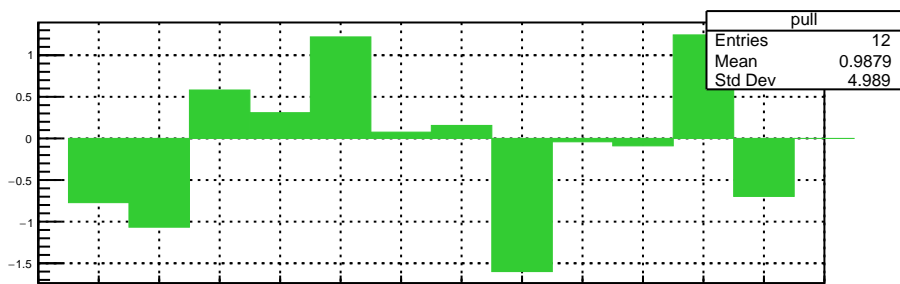
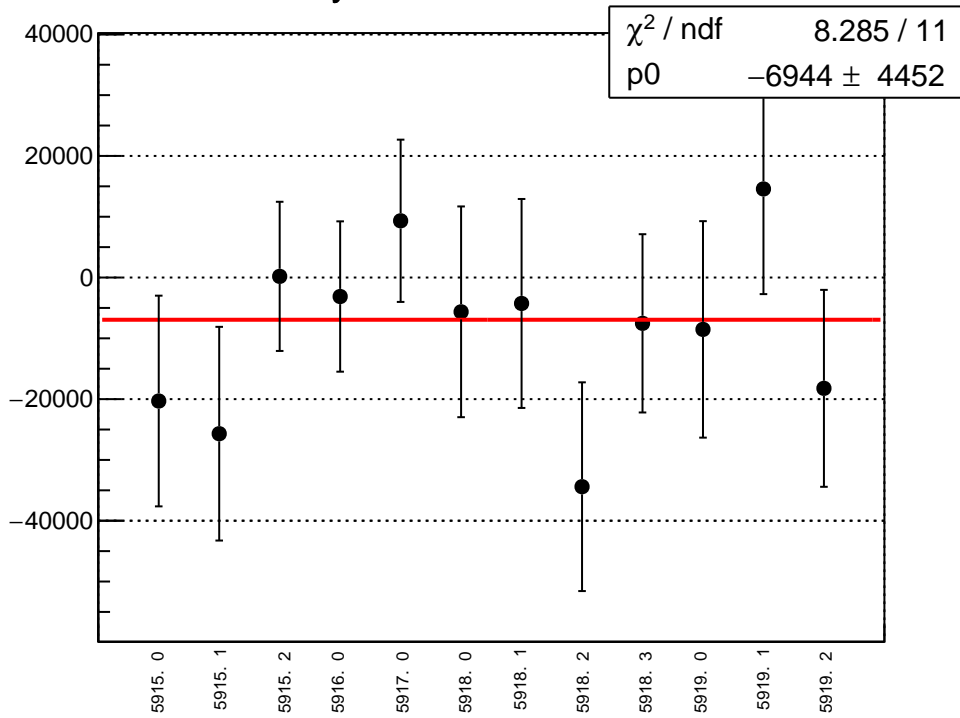
# asym\_at2\_avg\_mean vs run



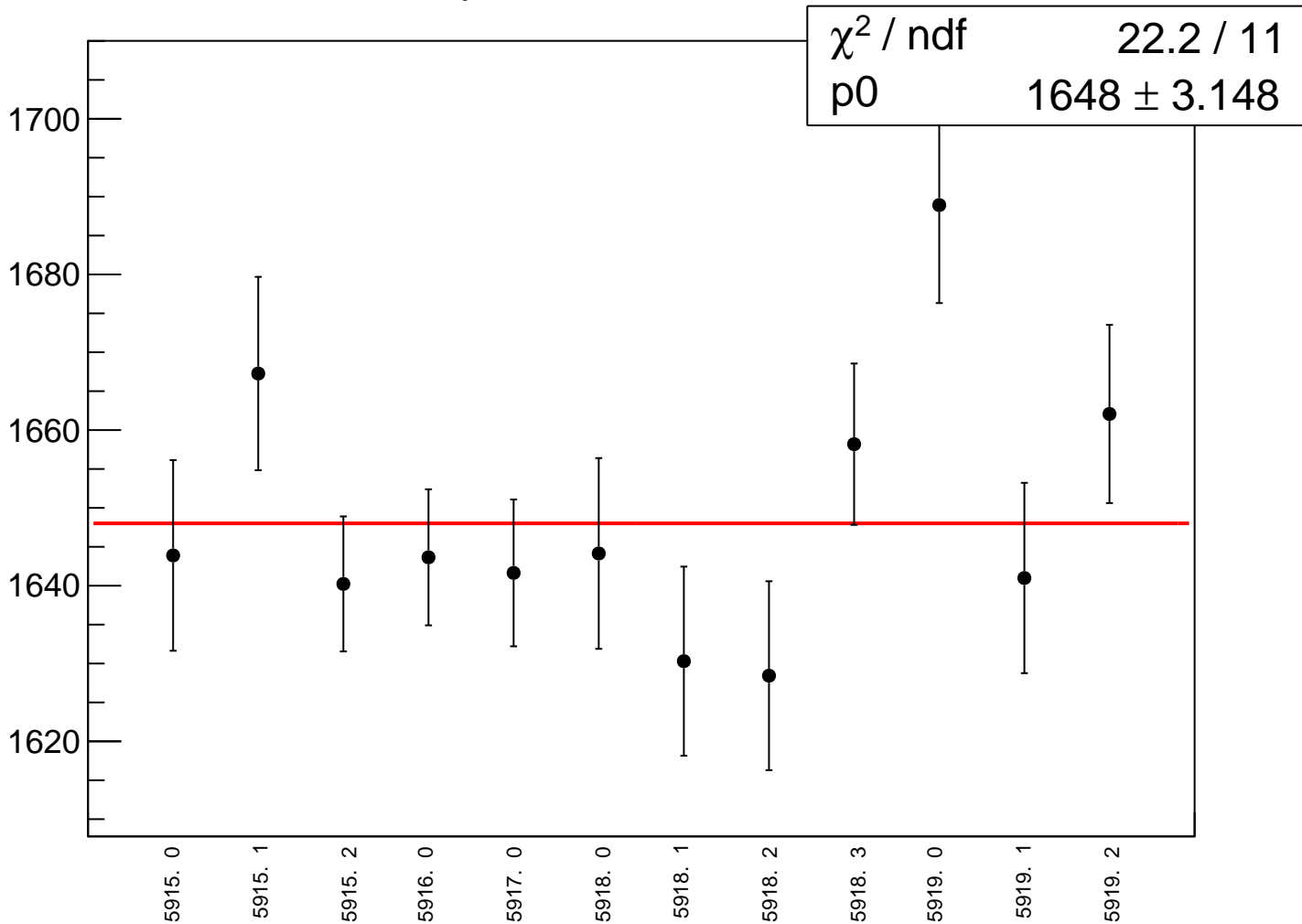
asym\_at2\_avg\_rms vs run



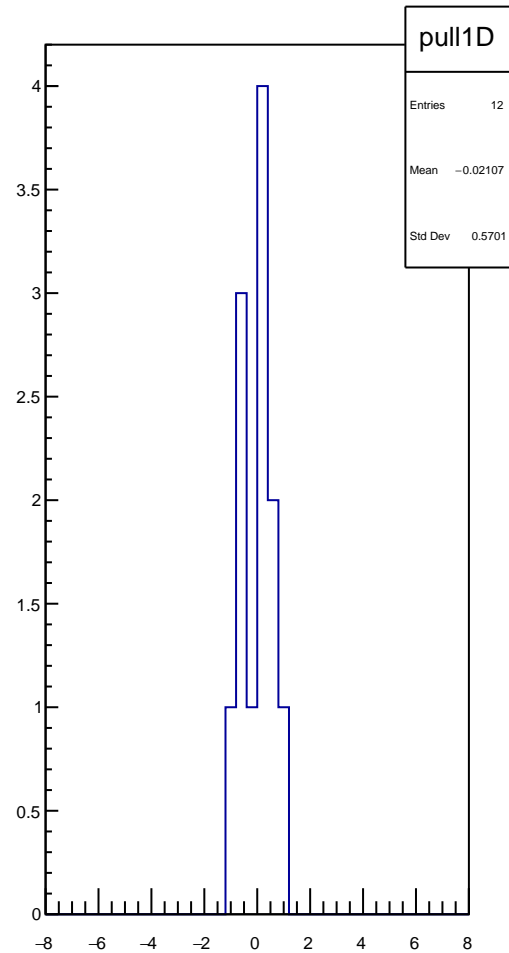
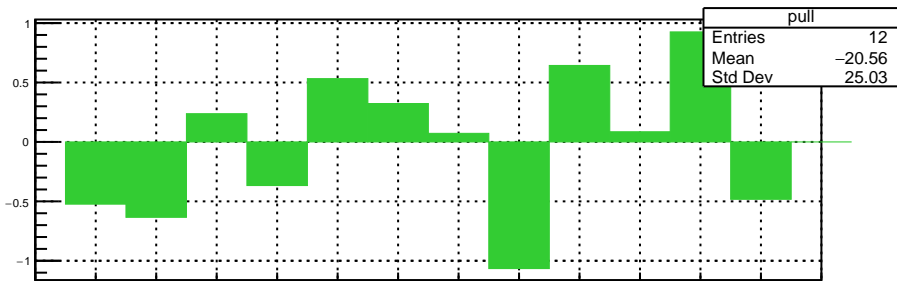
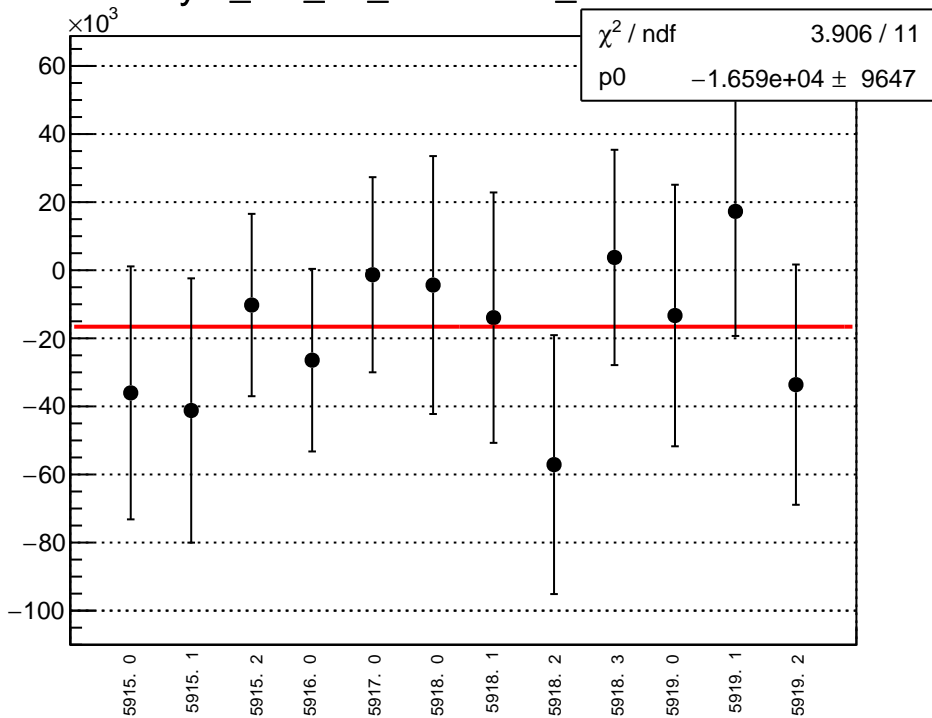
# dit\_asym\_at2\_dd\_mean vs run



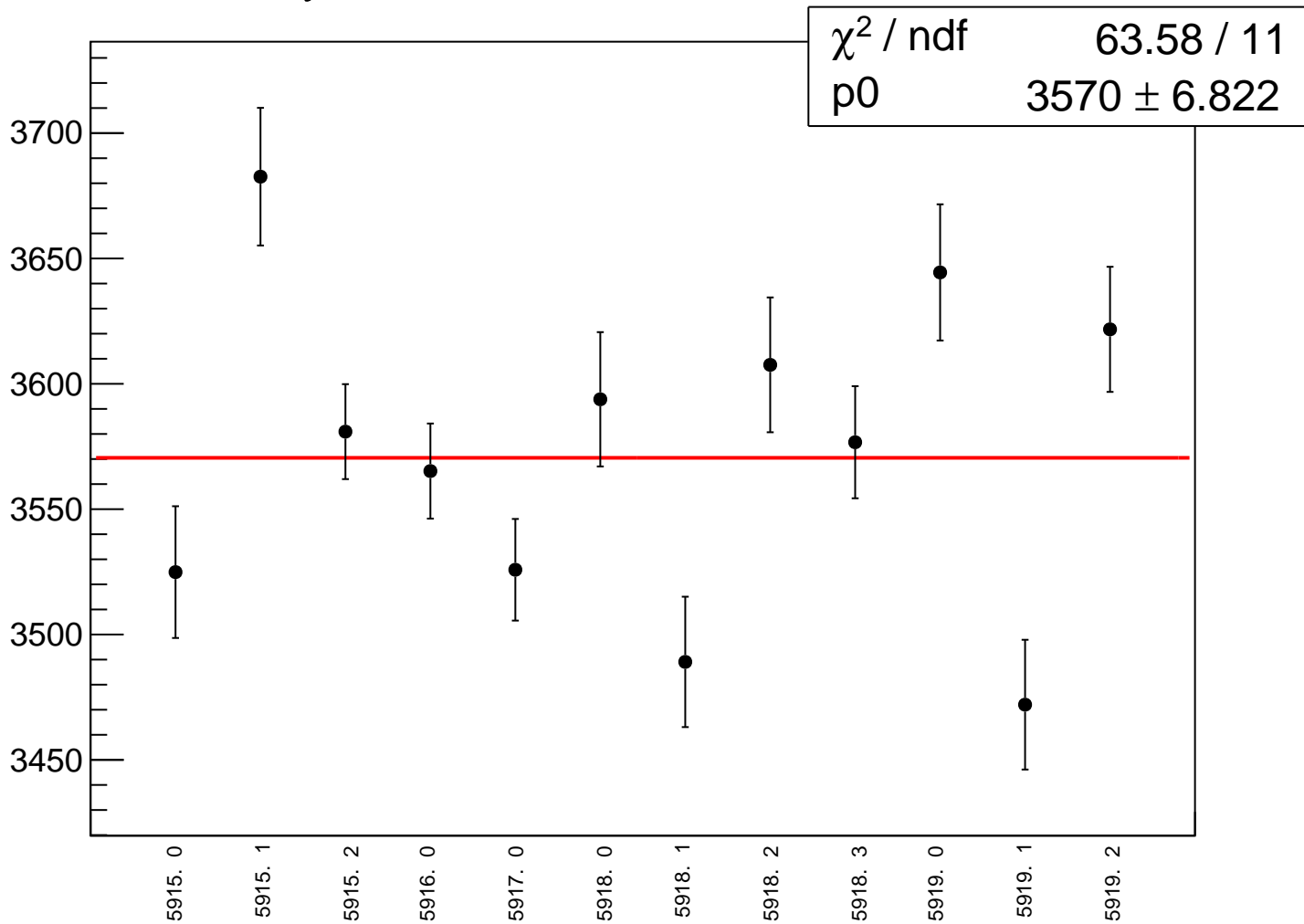
# dit\_asym\_at2\_dd\_rms vs run



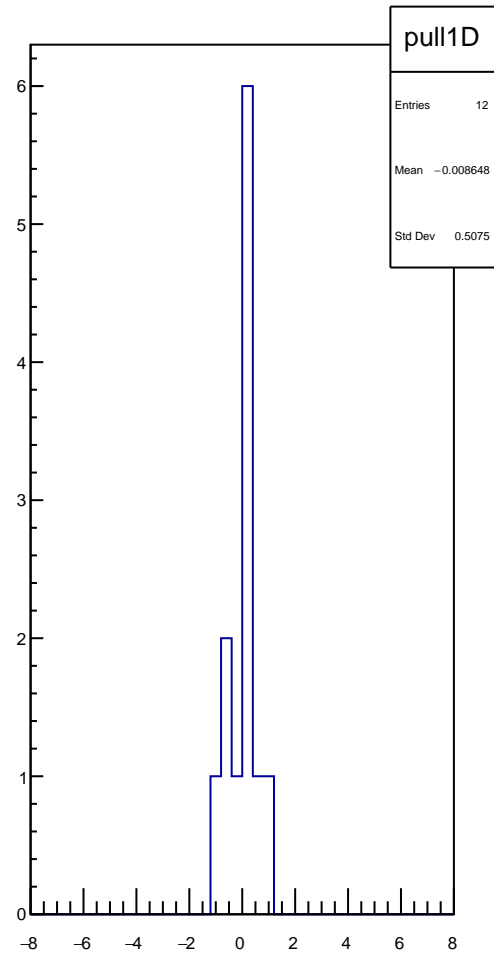
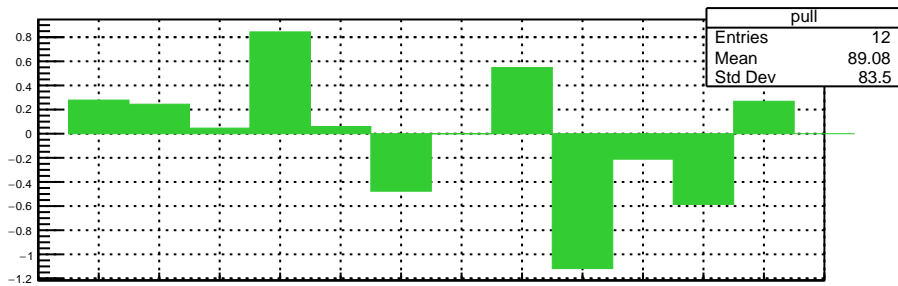
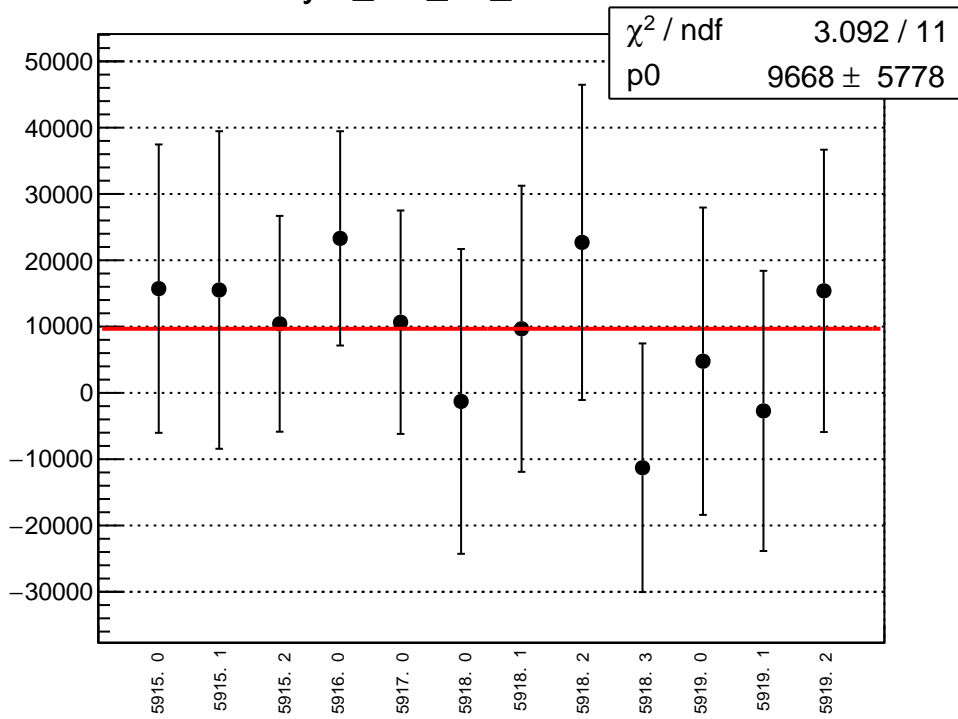
# asym\_at2\_dd\_correction\_mean vs run



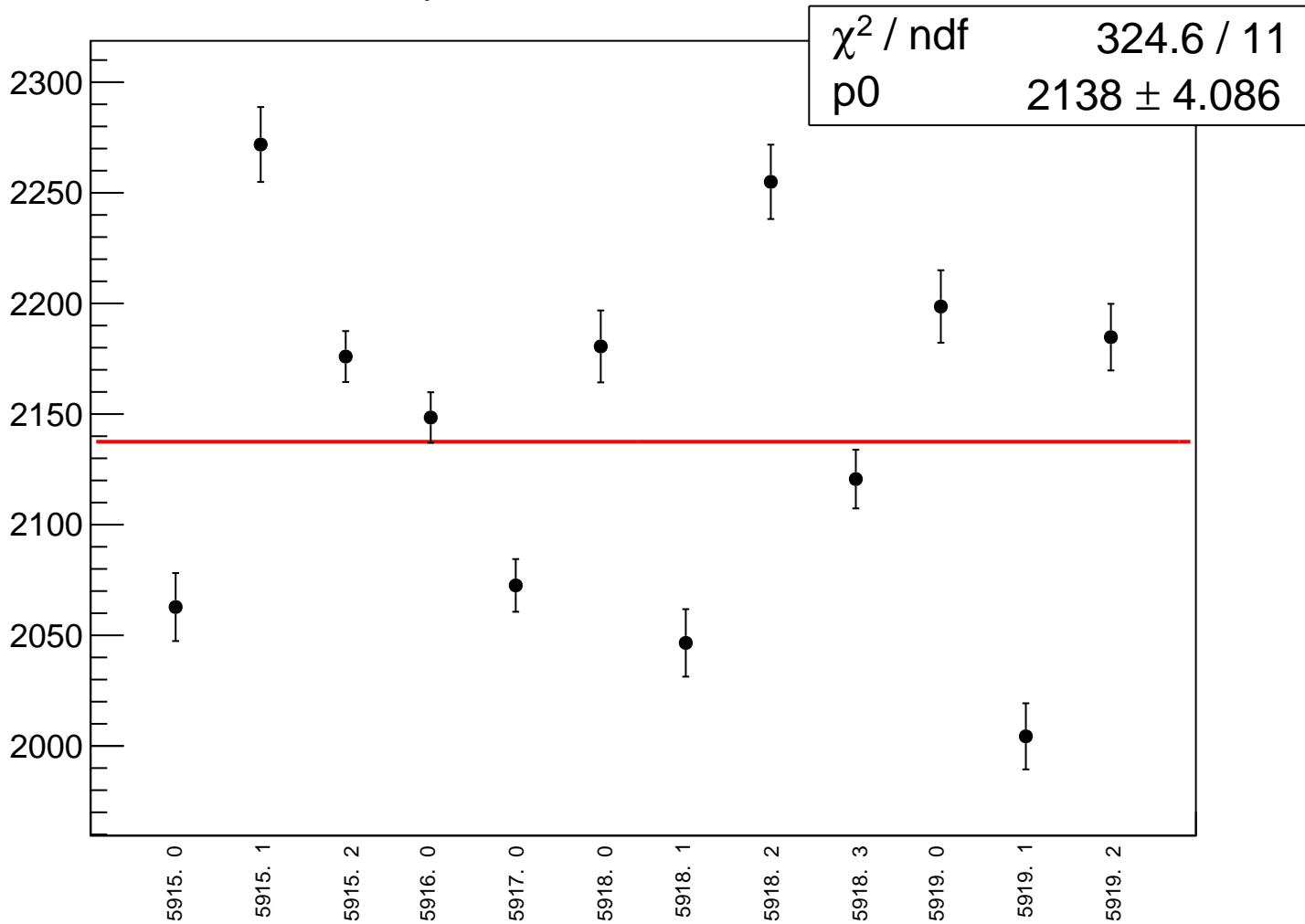
# asym\_at2\_dd\_correction\_rms vs run



# asym\_at2\_dd\_mean vs run

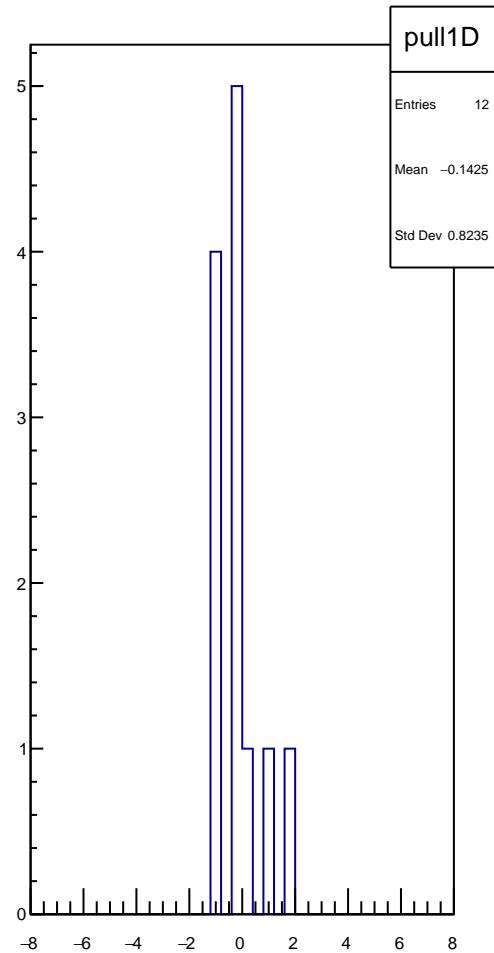
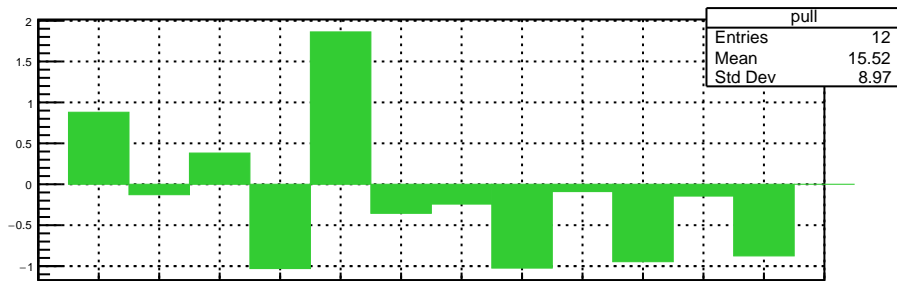
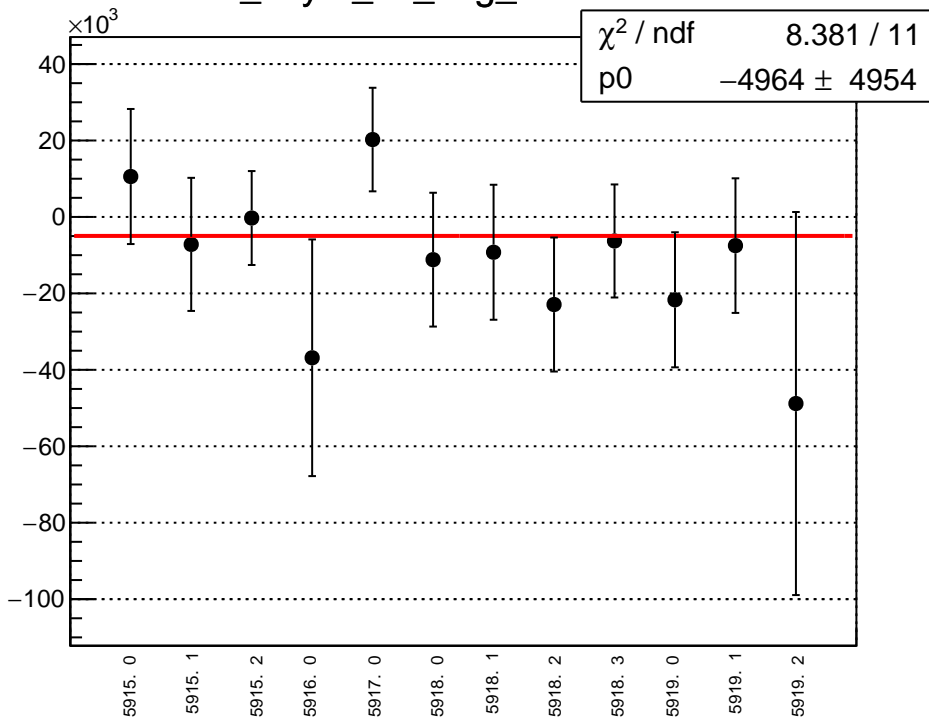


# asym\_at2\_dd\_rms vs run

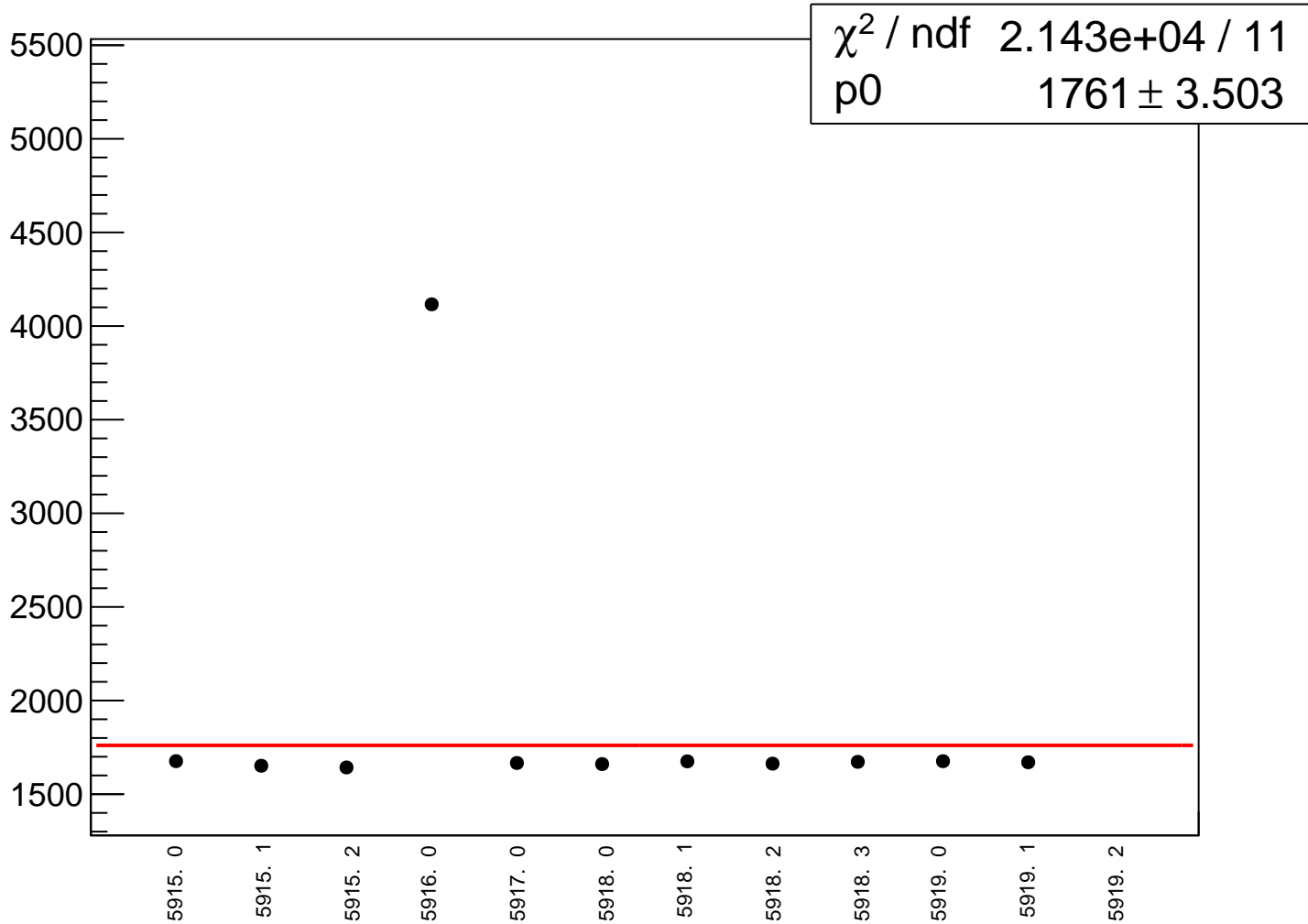




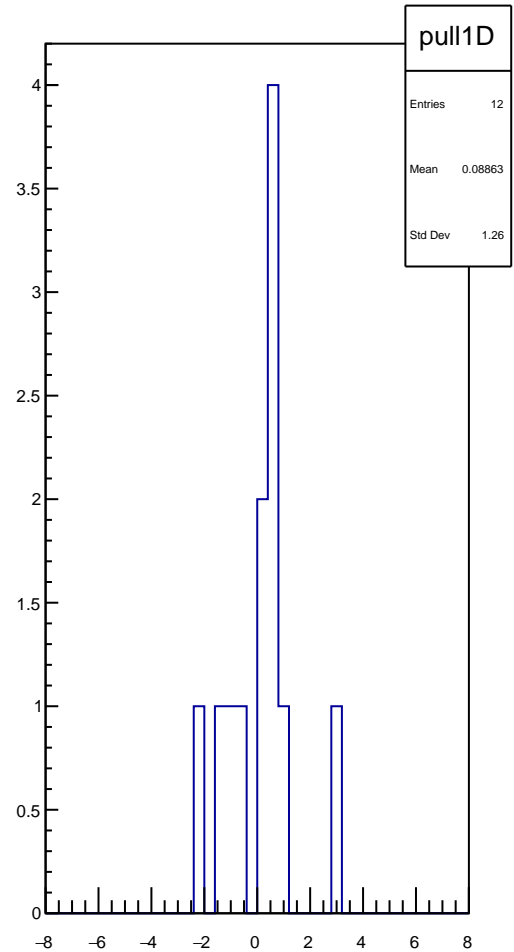
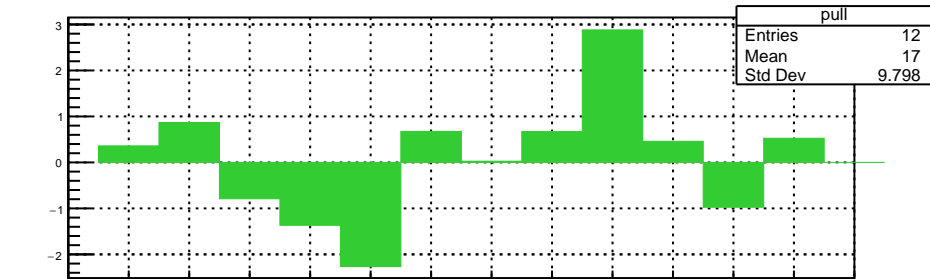
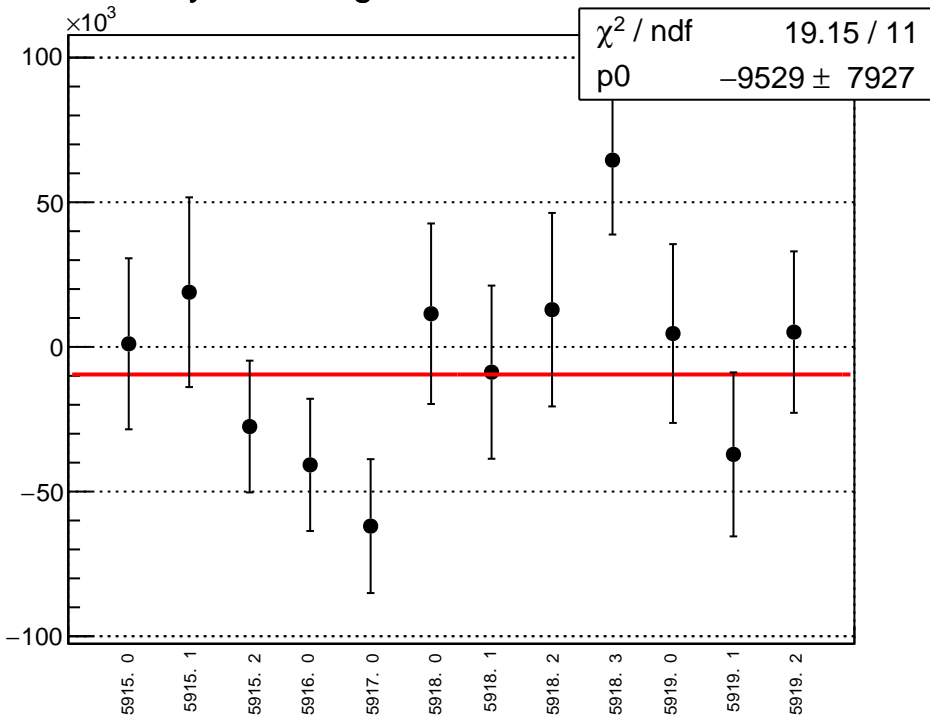
# dit\_asym\_atl\_avg\_mean vs run



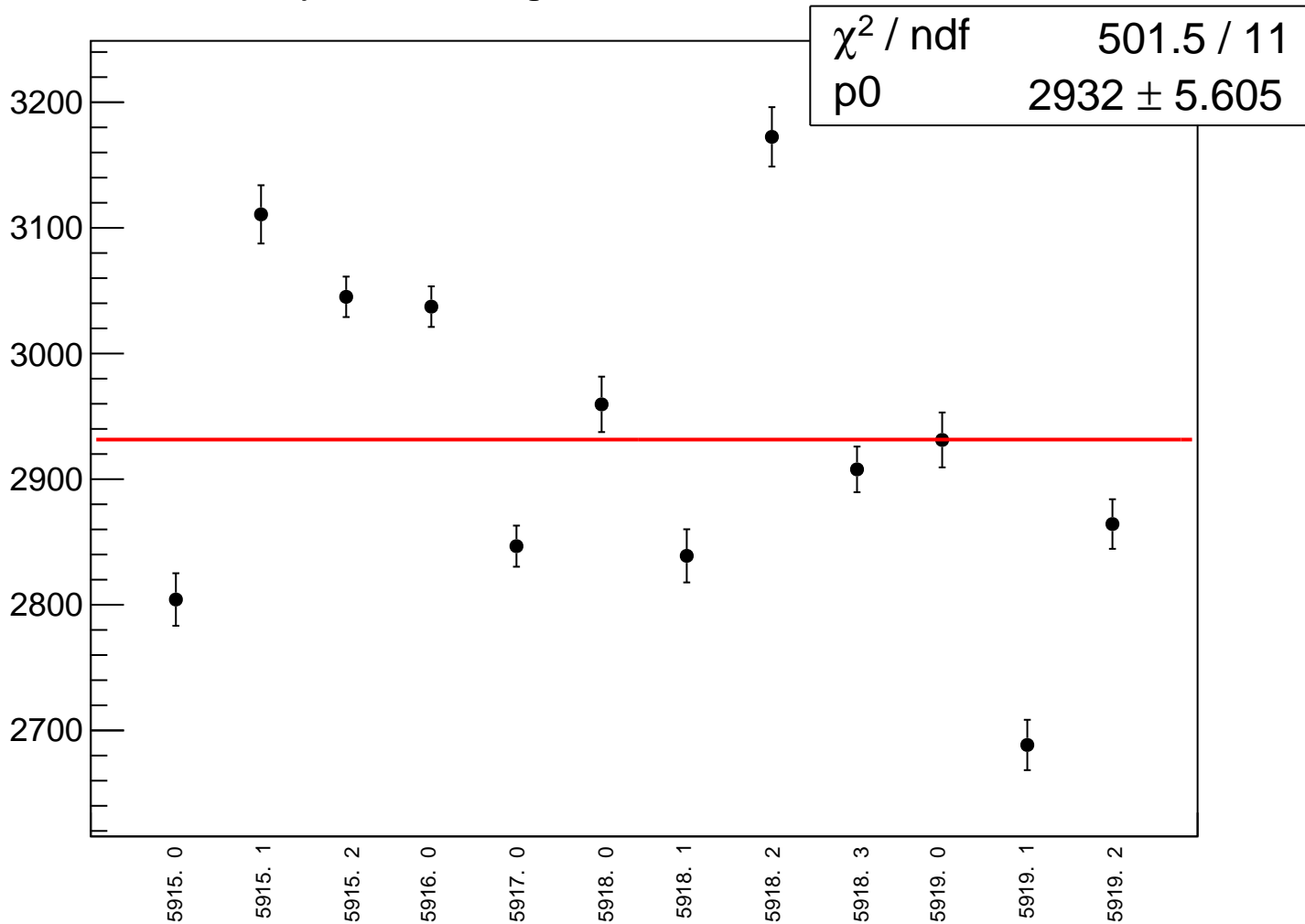
# dit\_asym\_atl\_avg\_rms vs run



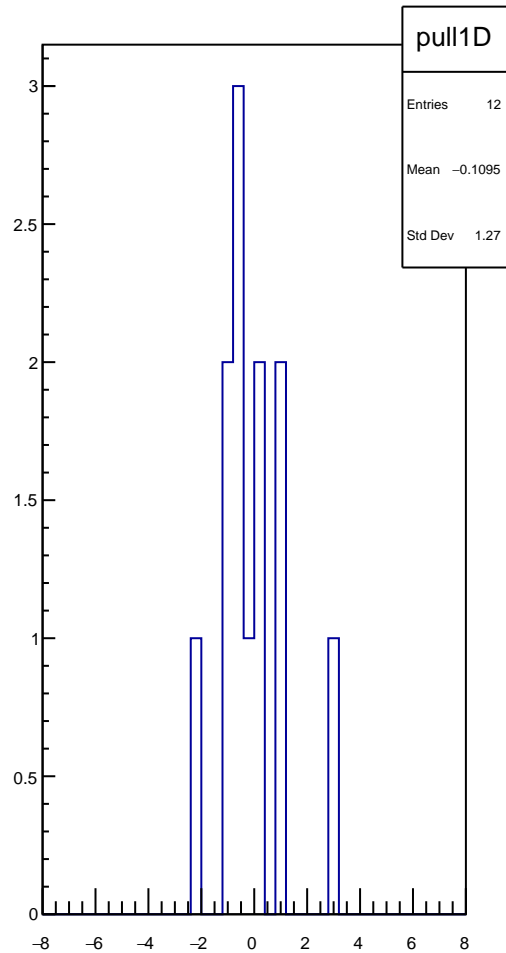
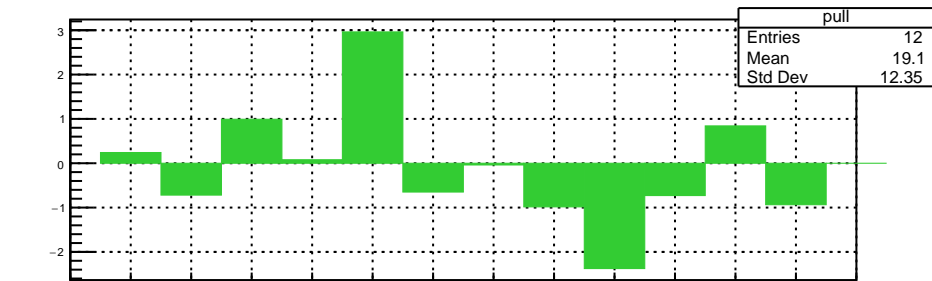
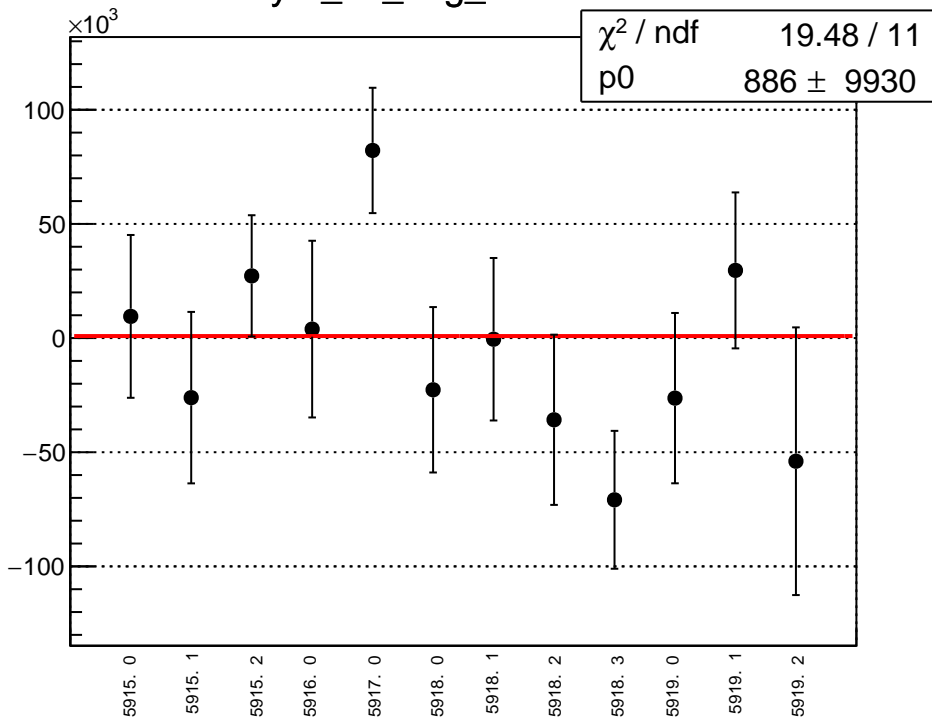
# asym\_atl\_avg\_correction\_mean vs run



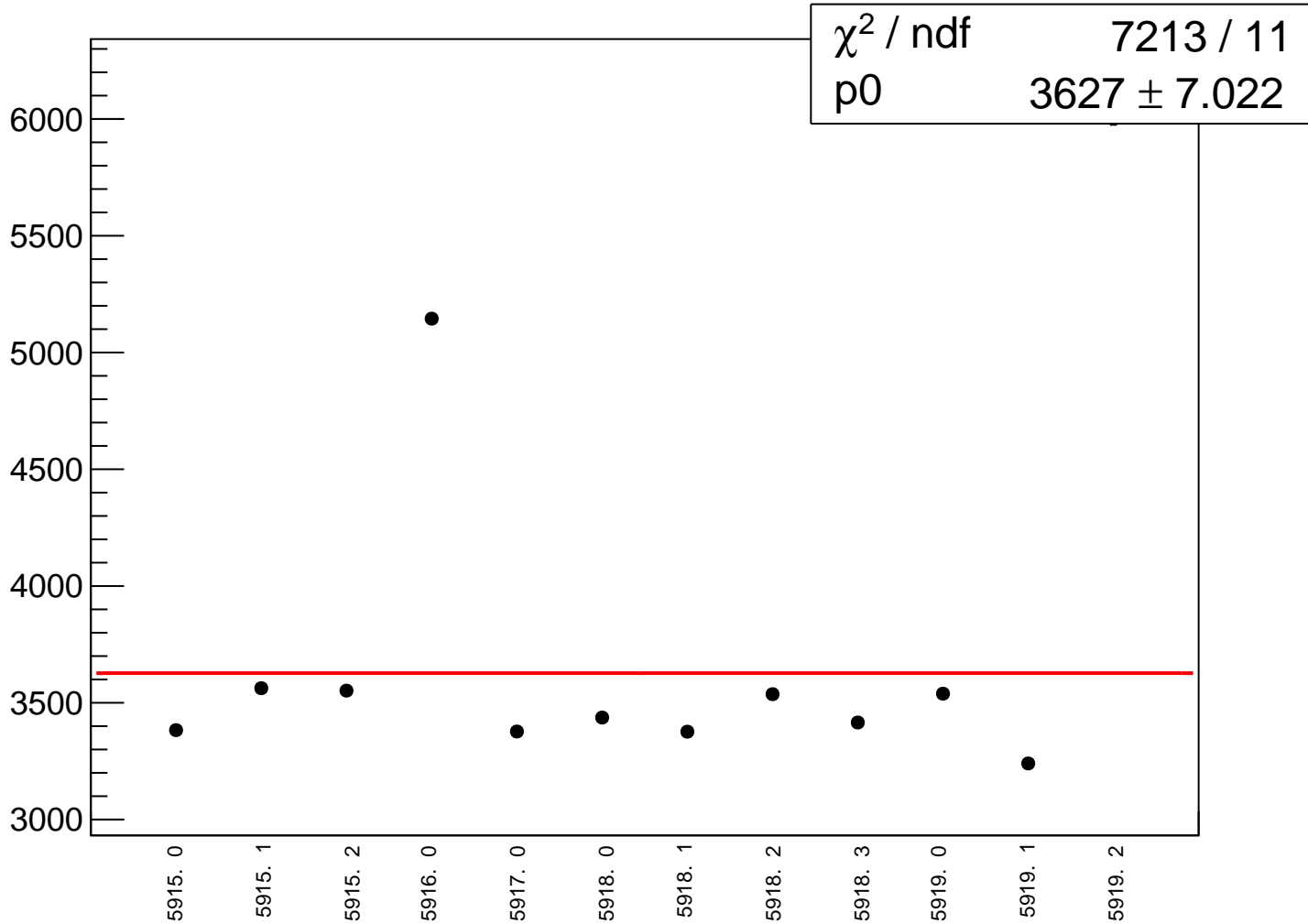
# asym\_atl\_avg\_correction\_rms vs run



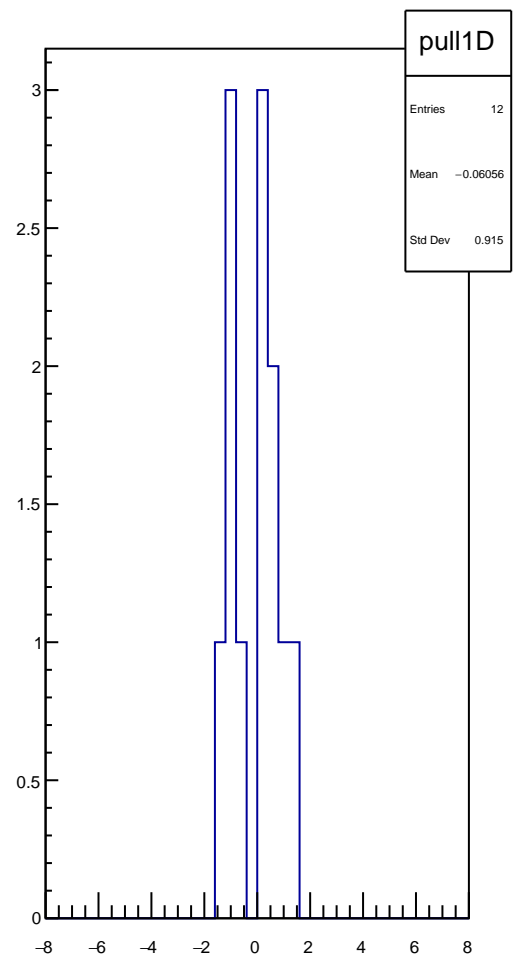
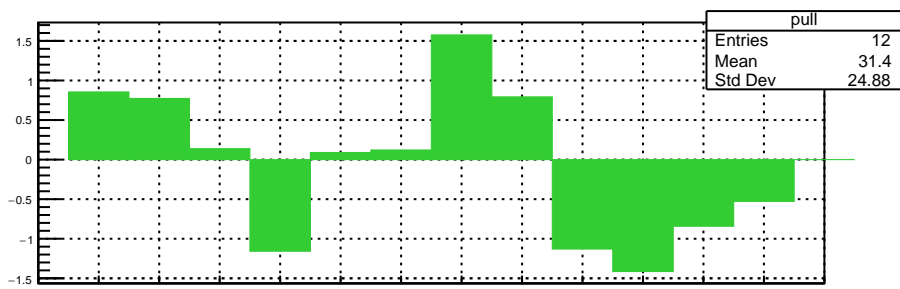
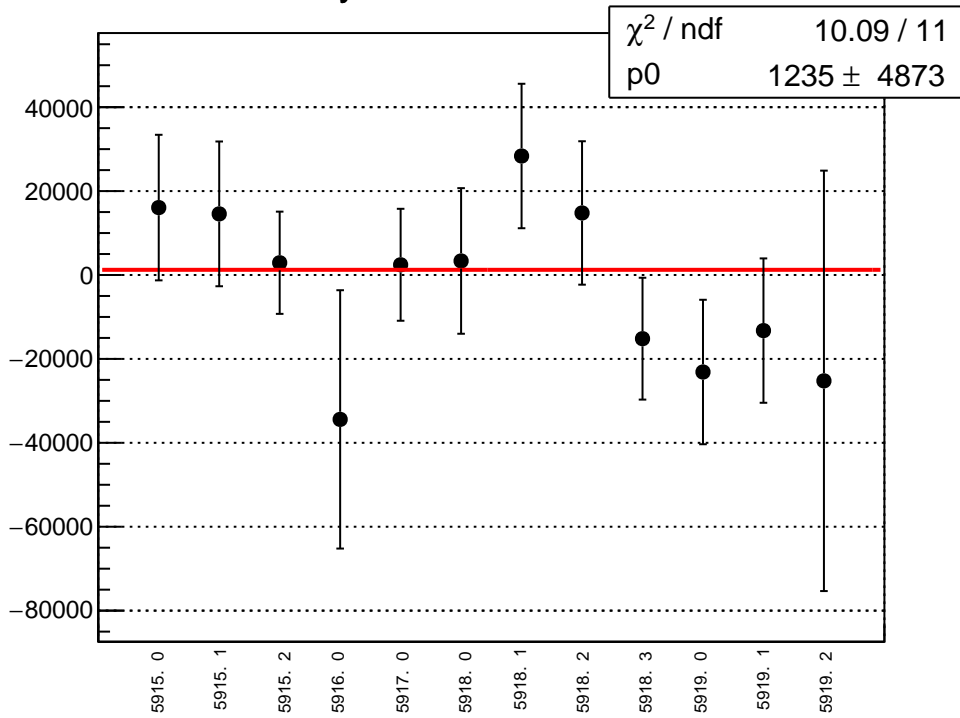
# asym\_atl\_avg\_mean vs run



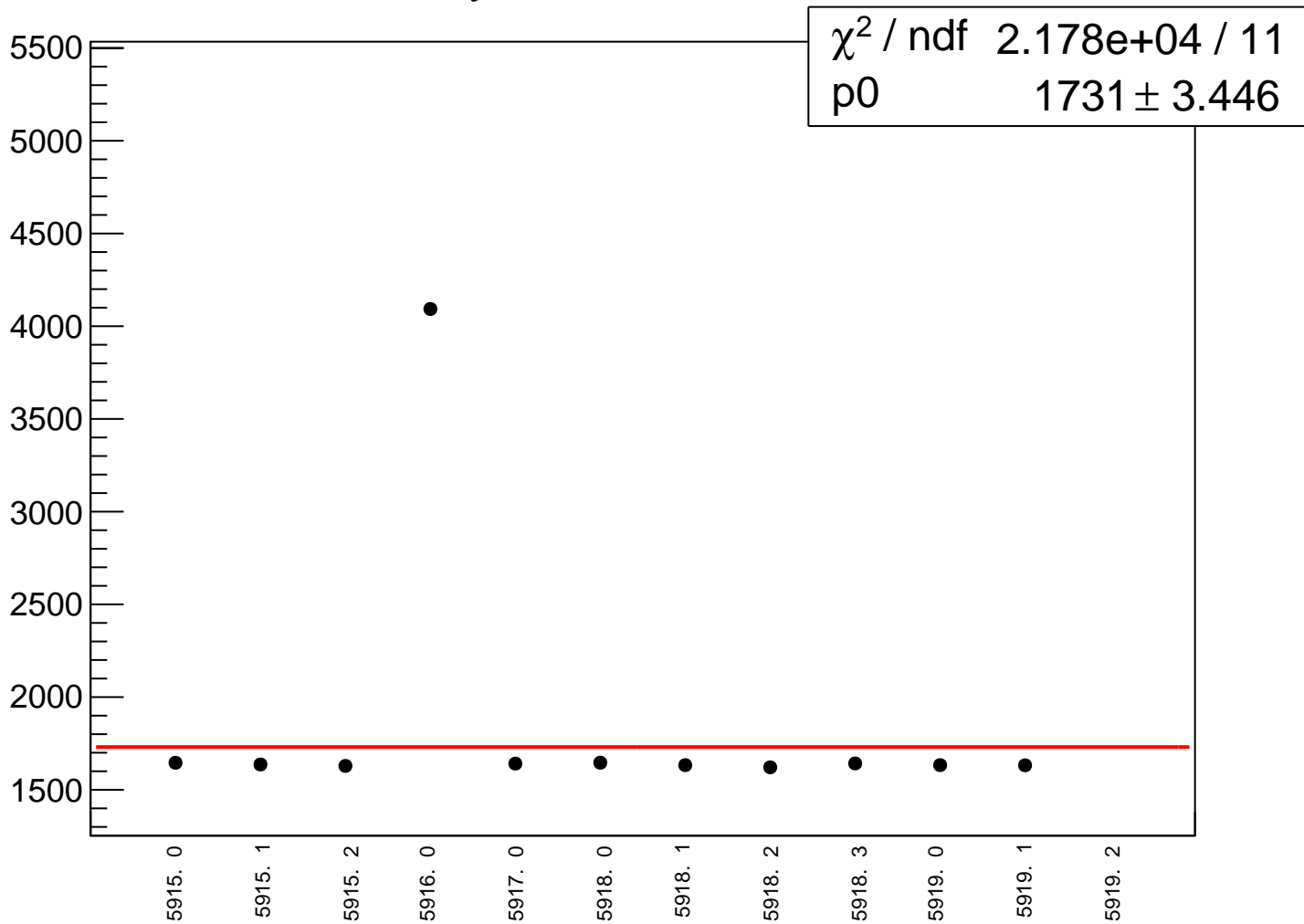
# asym\_atl\_avg\_rms vs run



# dit\_asym\_atl\_dd\_mean vs run

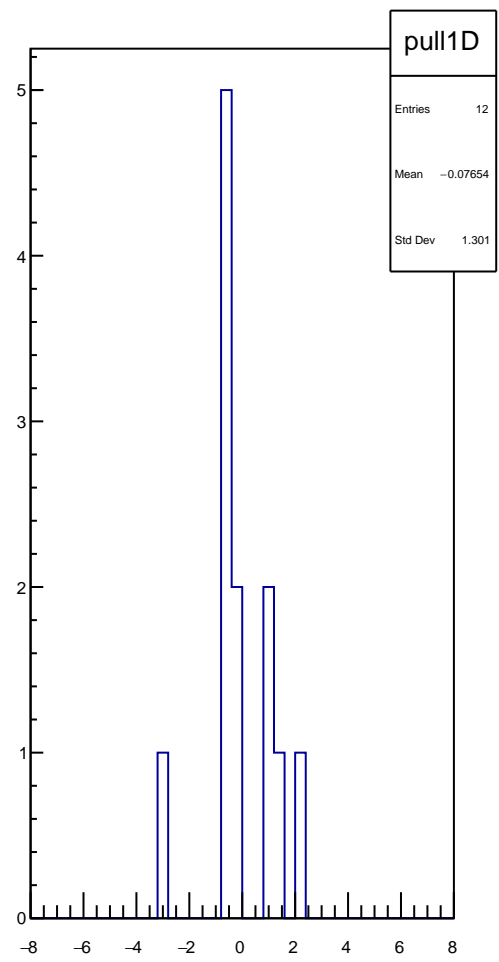
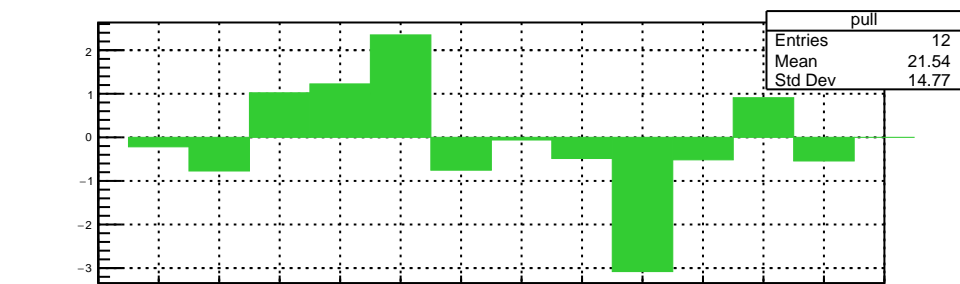
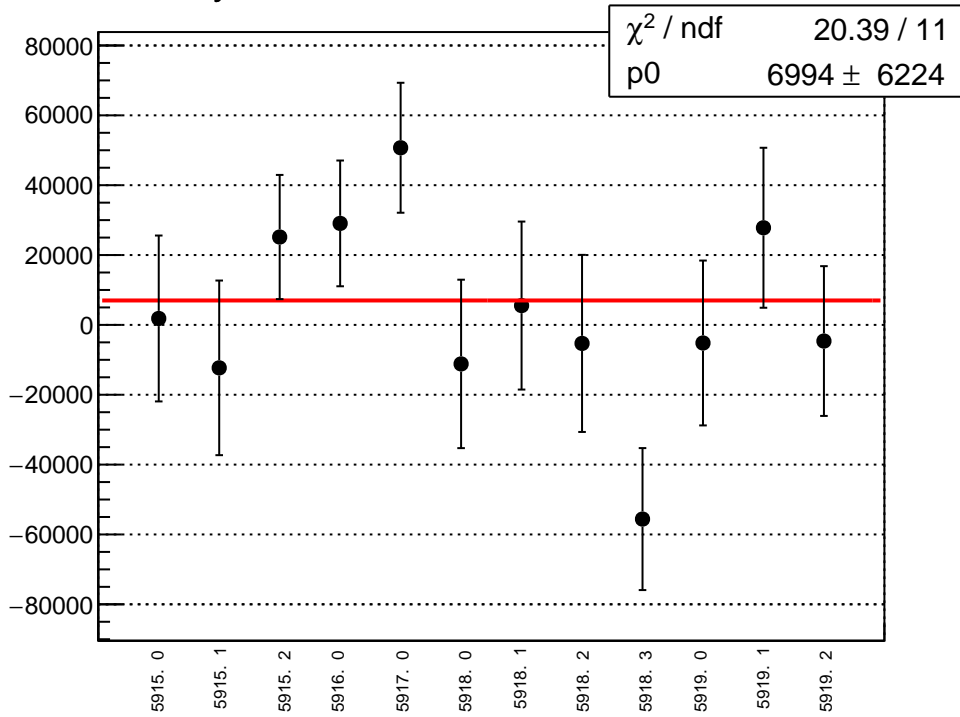


# dit\_asym\_atl\_dd\_rms vs run

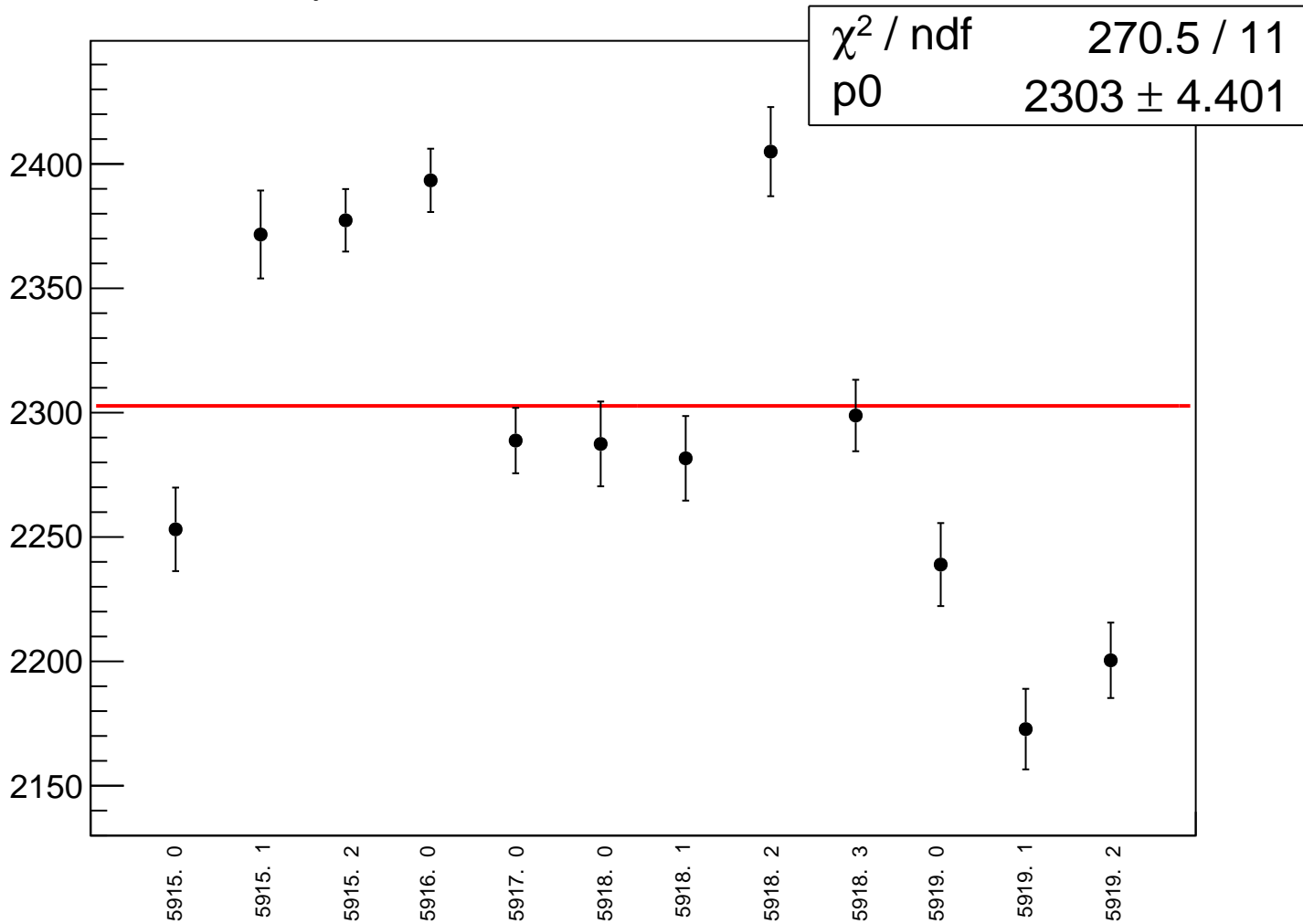




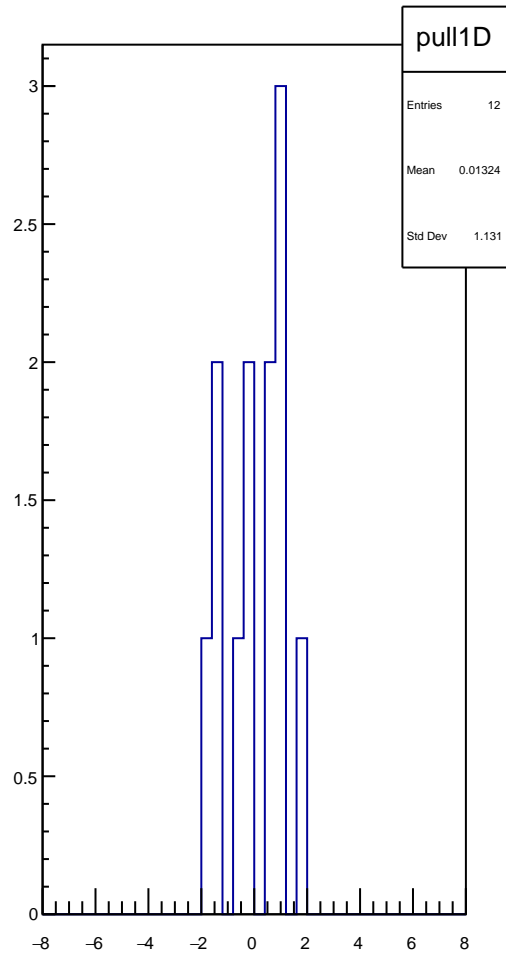
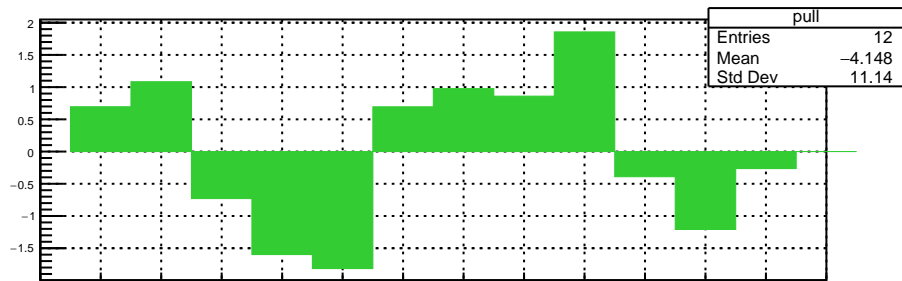
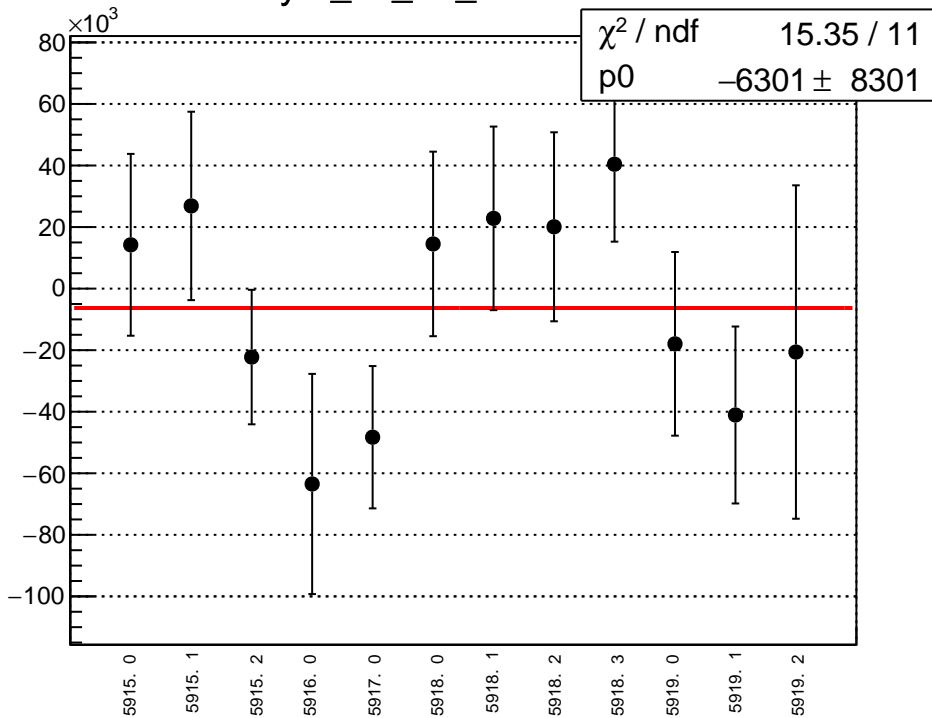
# asym\_atl\_dd\_correction\_mean vs run



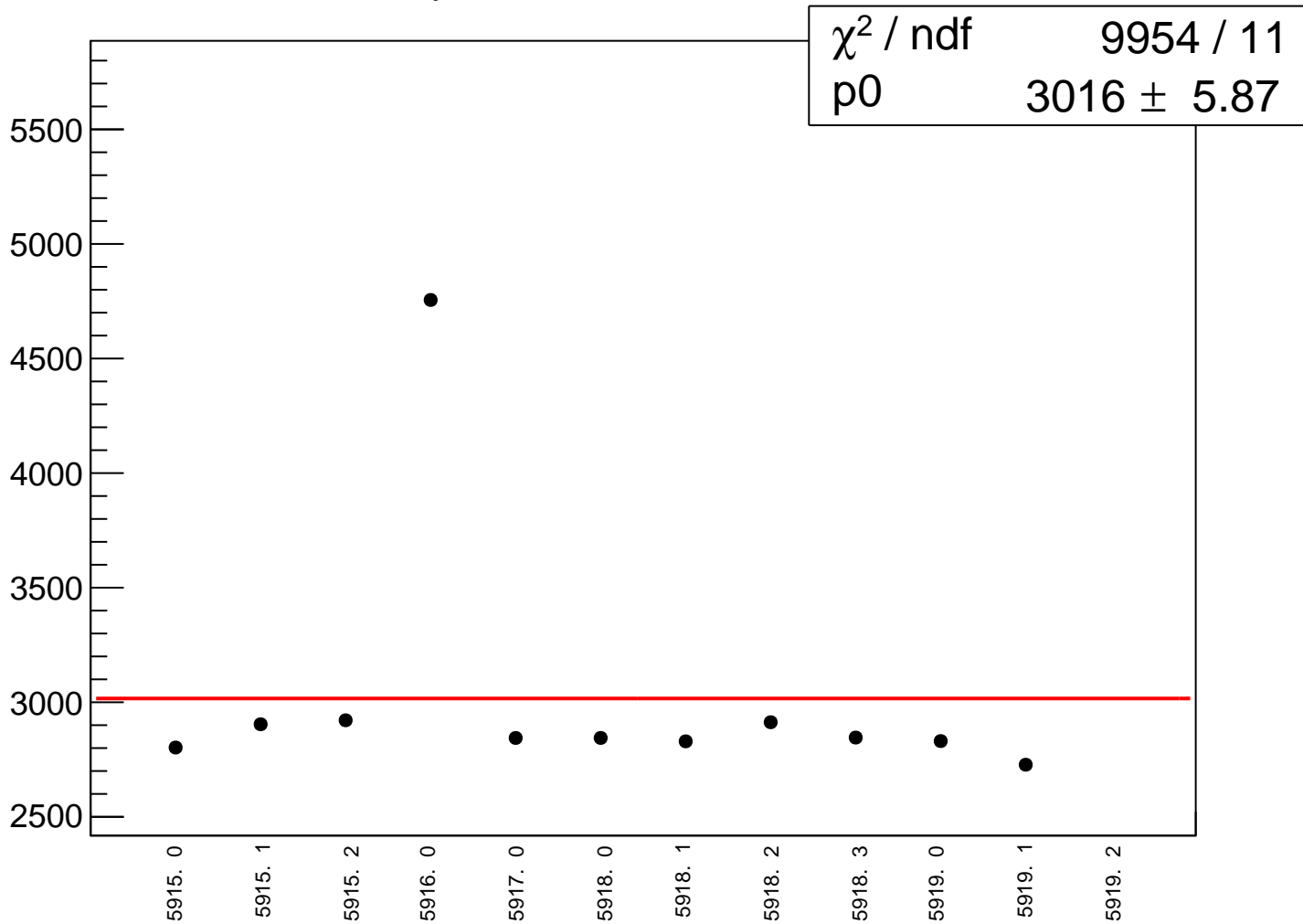
# asym\_atl\_dd\_correction\_rms vs run



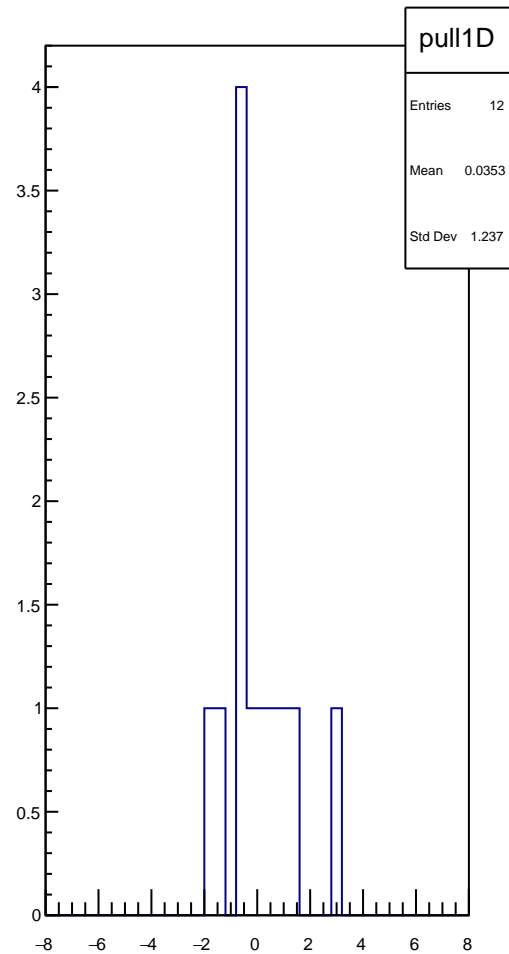
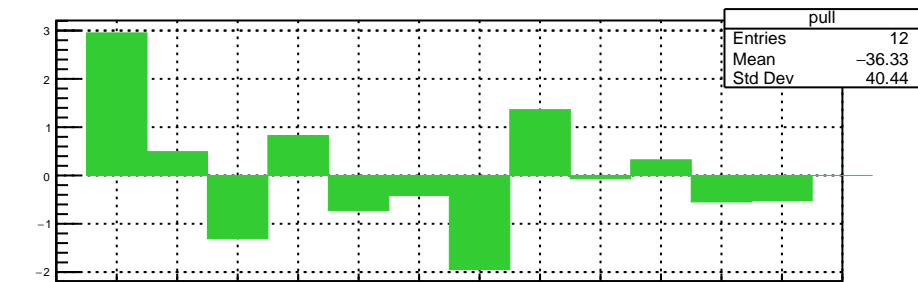
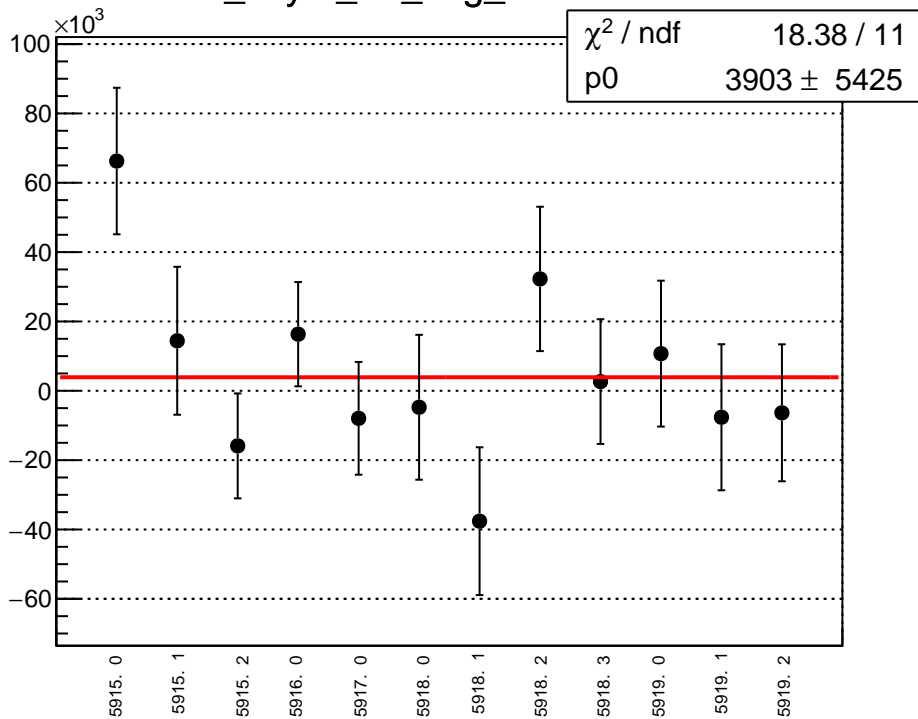
# asym\_atl\_dd\_mean vs run



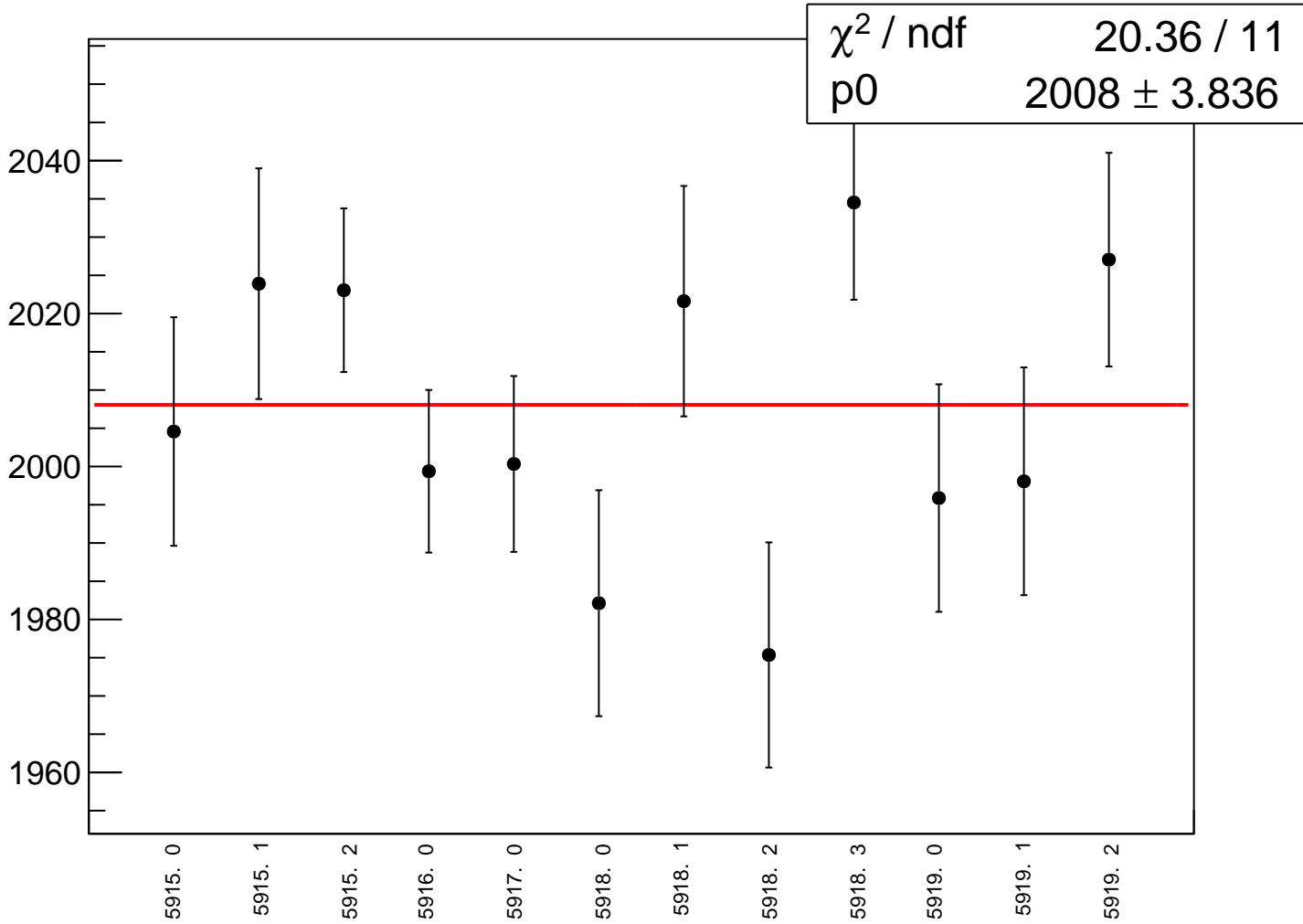
# asym\_atl\_dd\_rms vs run



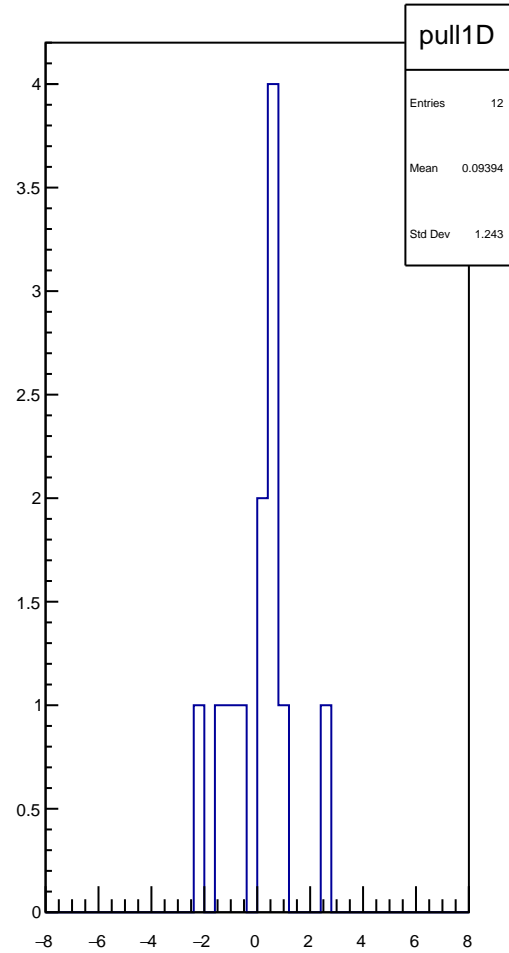
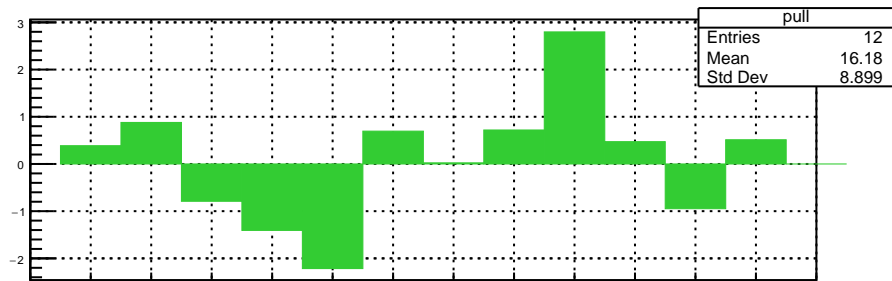
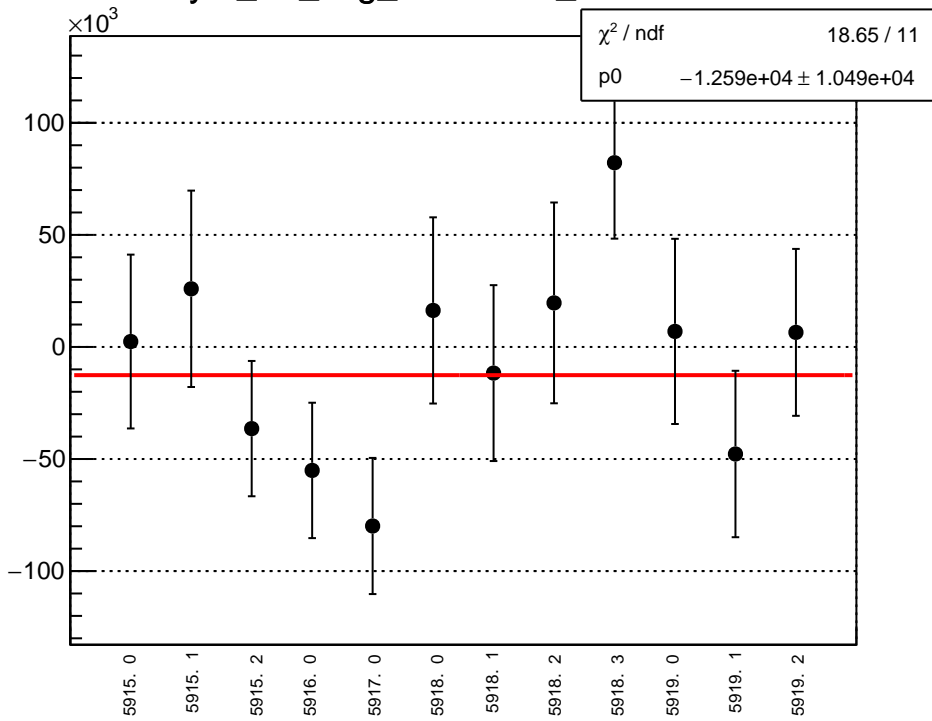
# dit\_asym\_atr\_avg\_mean vs run



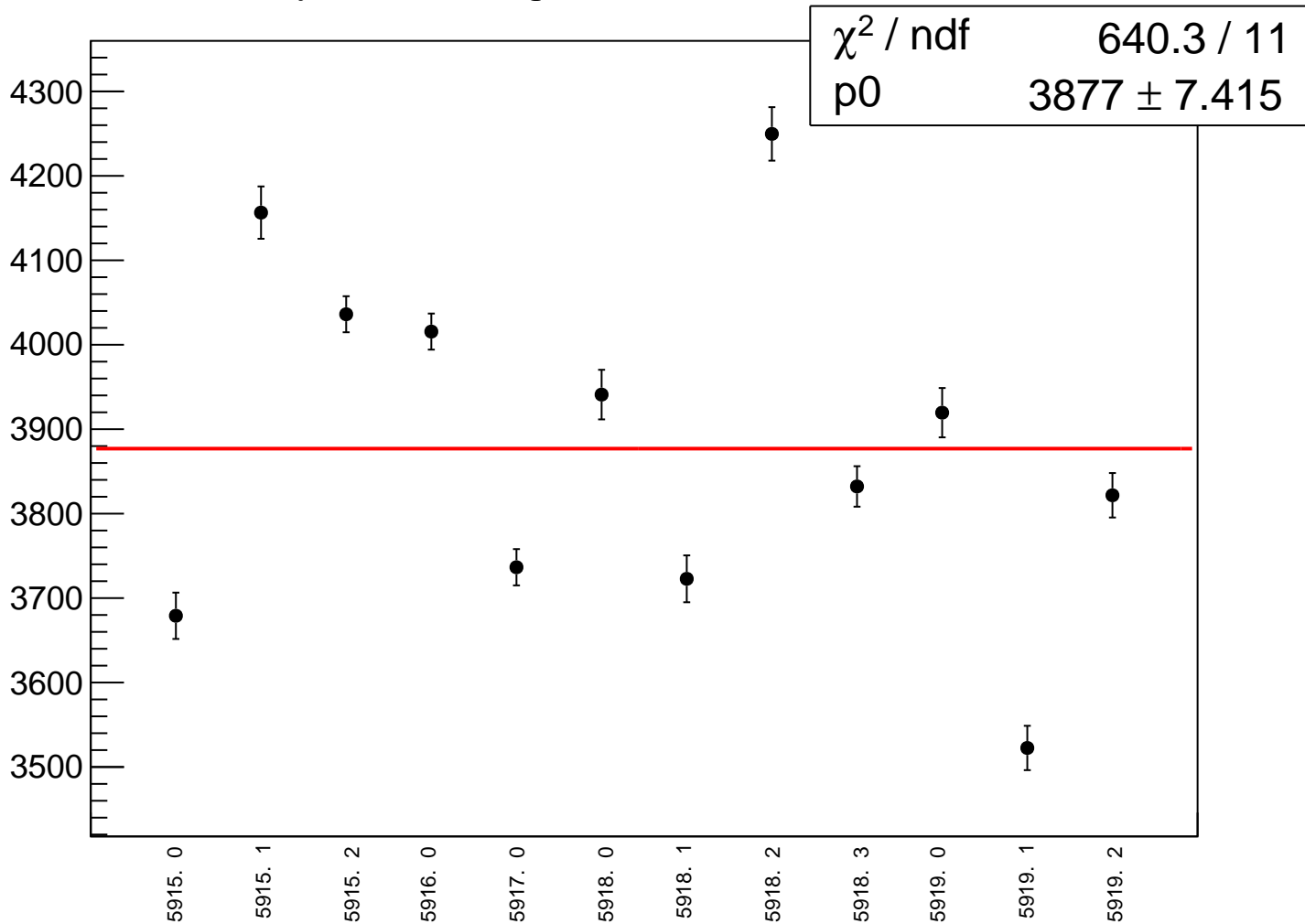
# dit\_asym\_atr\_avg\_rms vs run



# asym\_atr\_avg\_correction\_mean vs run

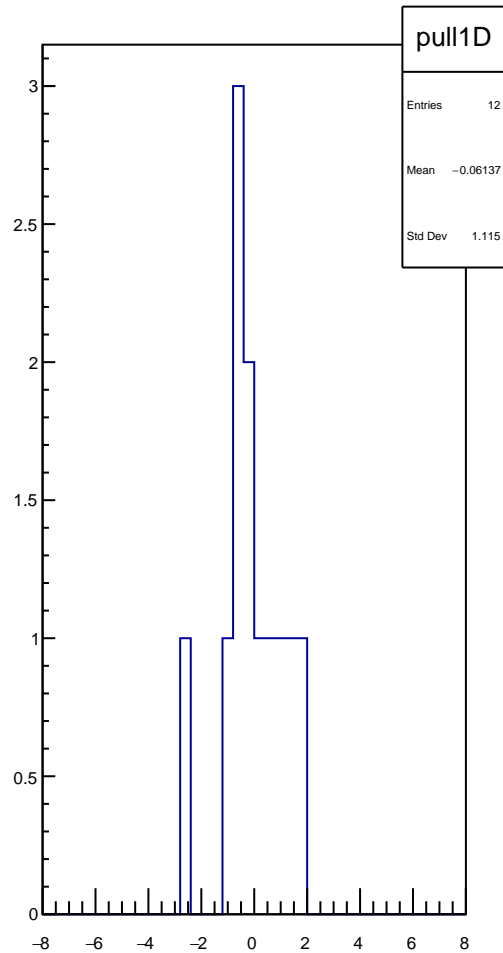
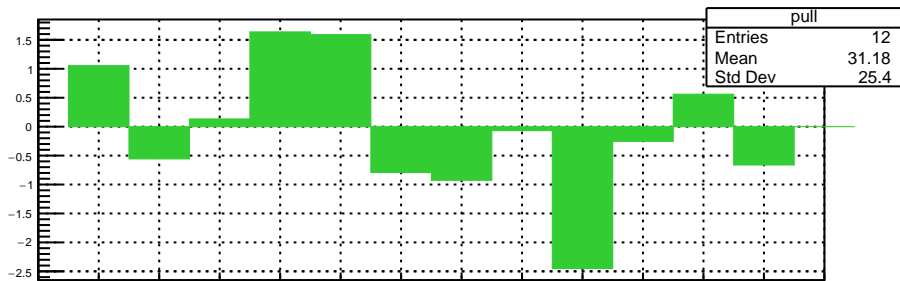
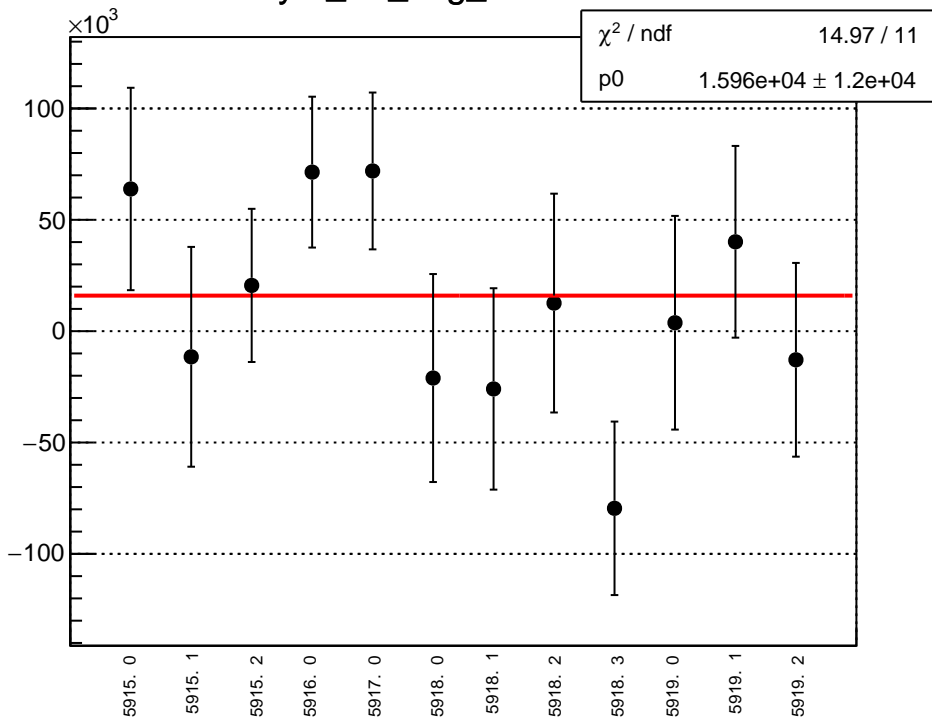


# asym\_atr\_avg\_correction\_rms vs run

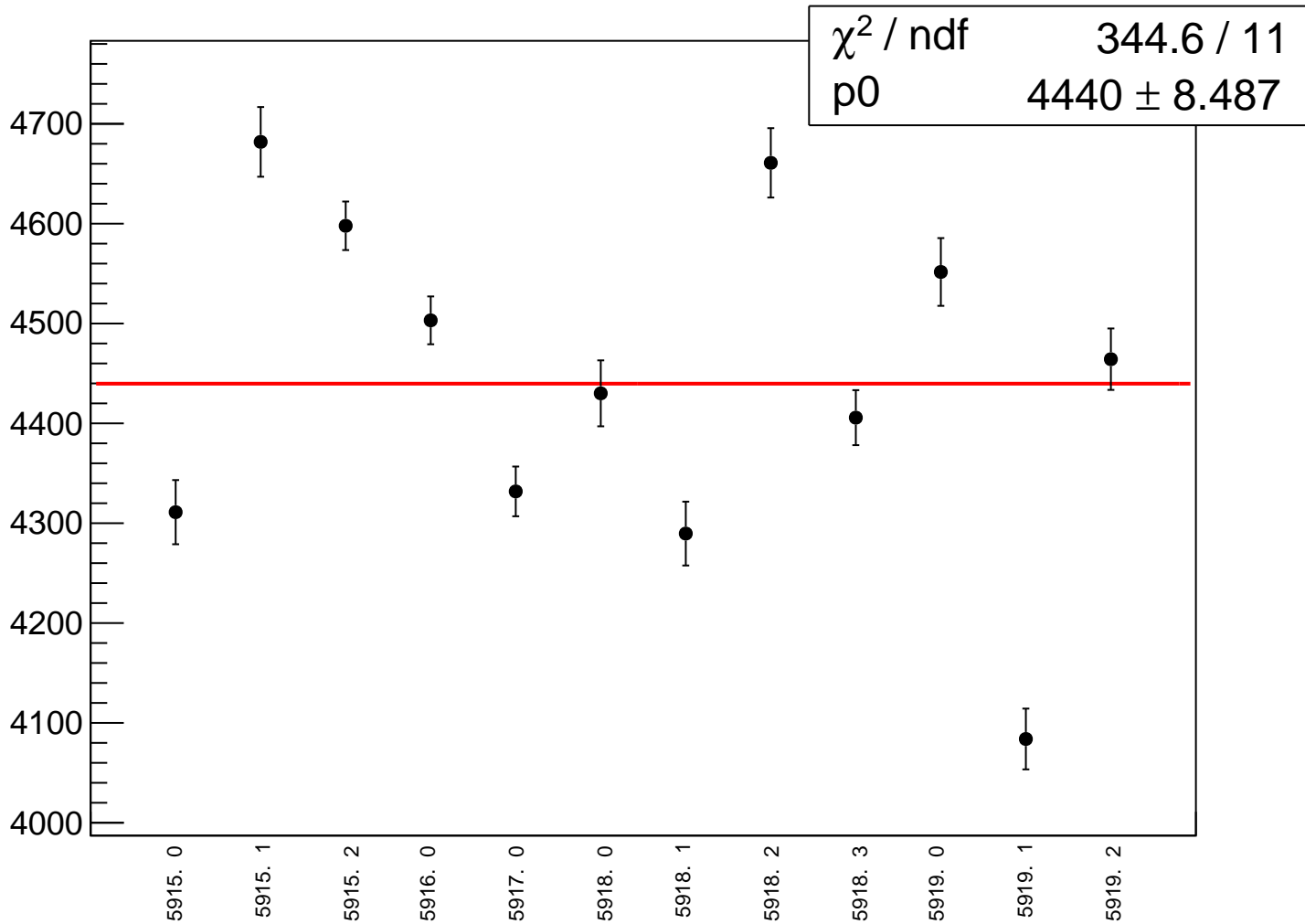




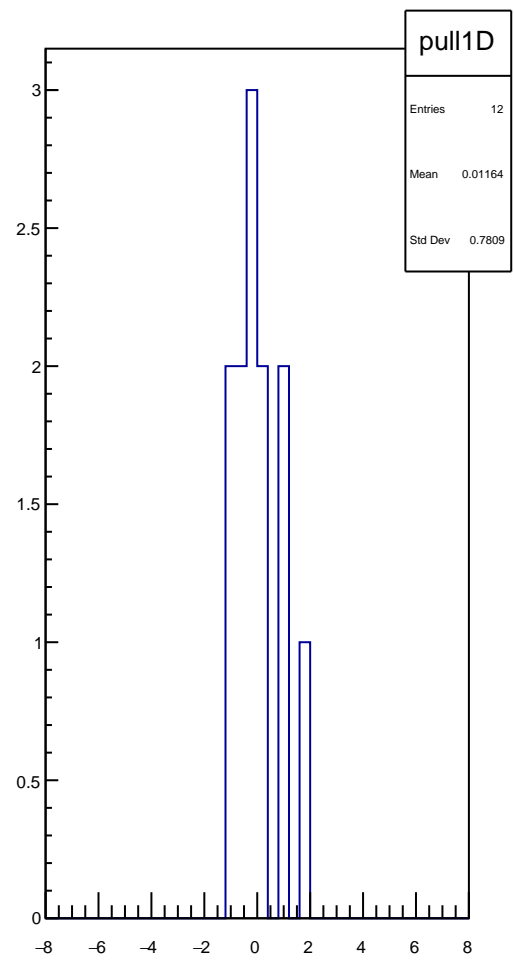
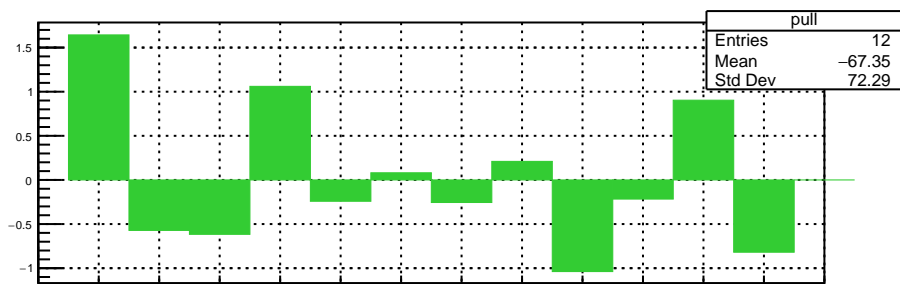
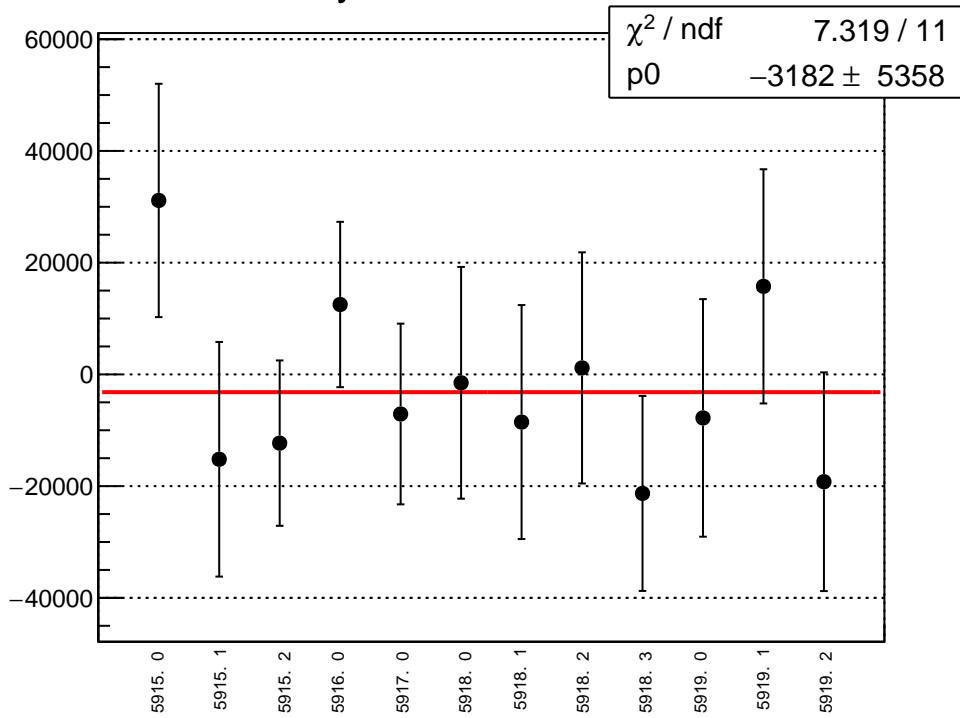
# asym\_atr\_avg\_mean vs run



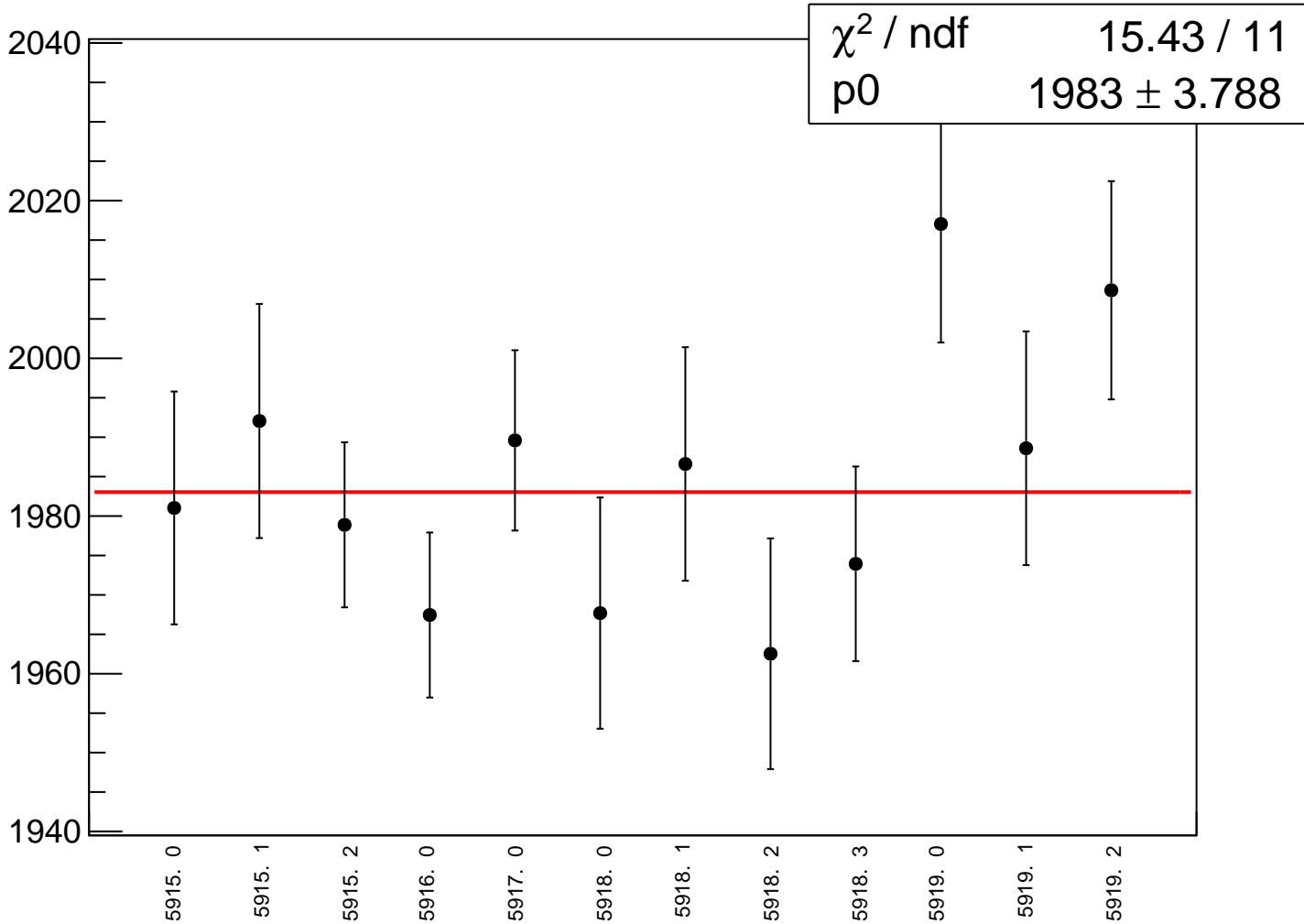
# asym\_atr\_avg\_rms vs run



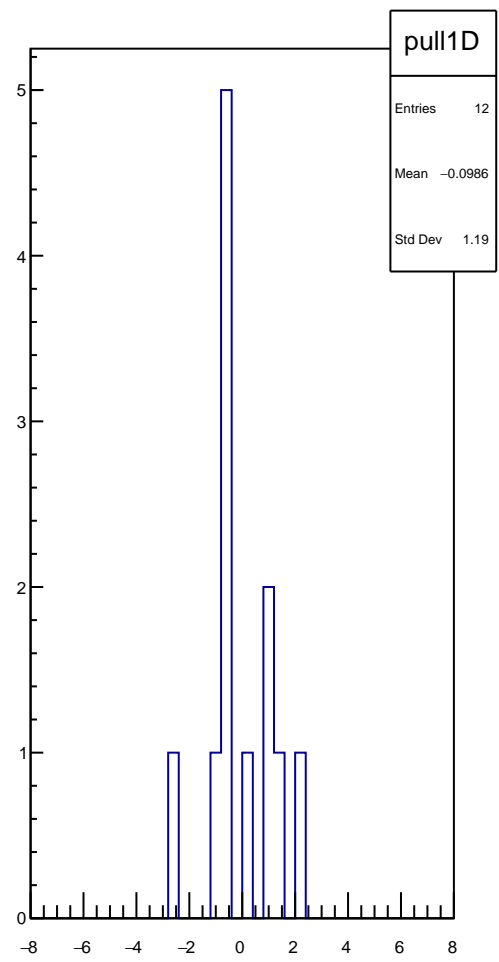
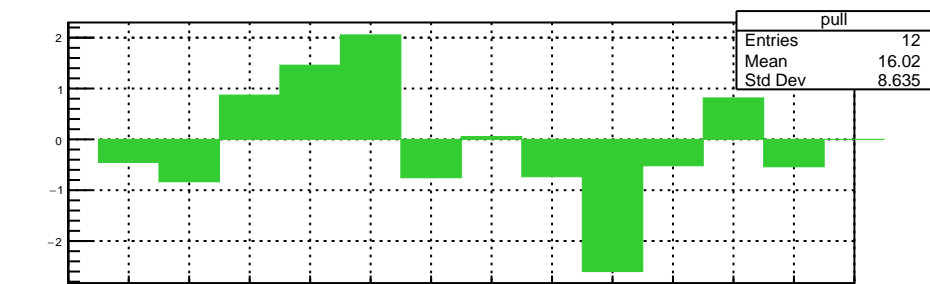
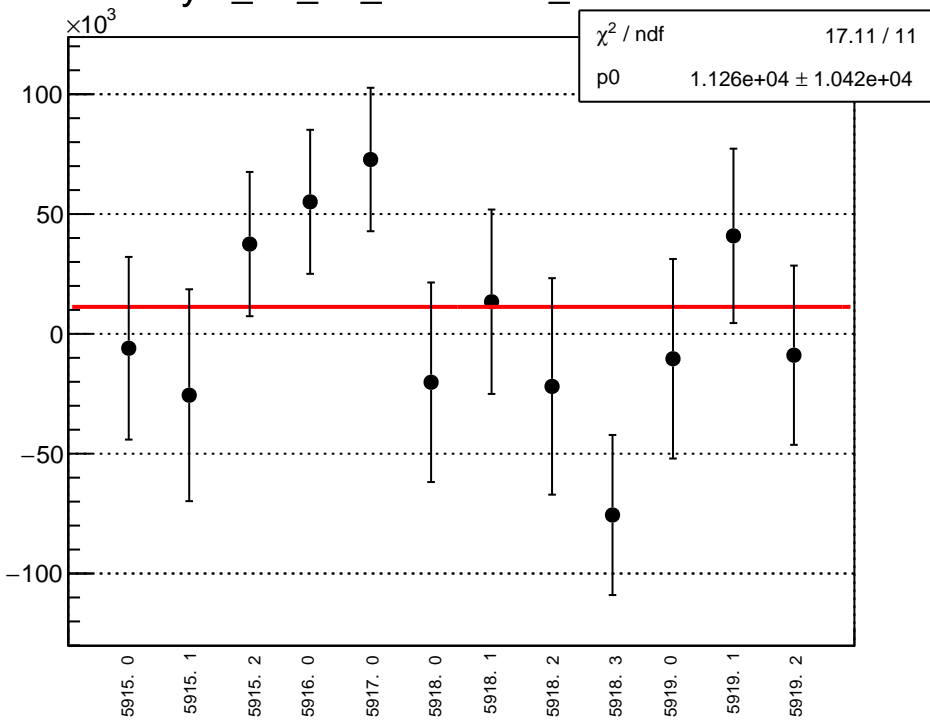
# dit\_asym\_atr\_dd\_mean vs run



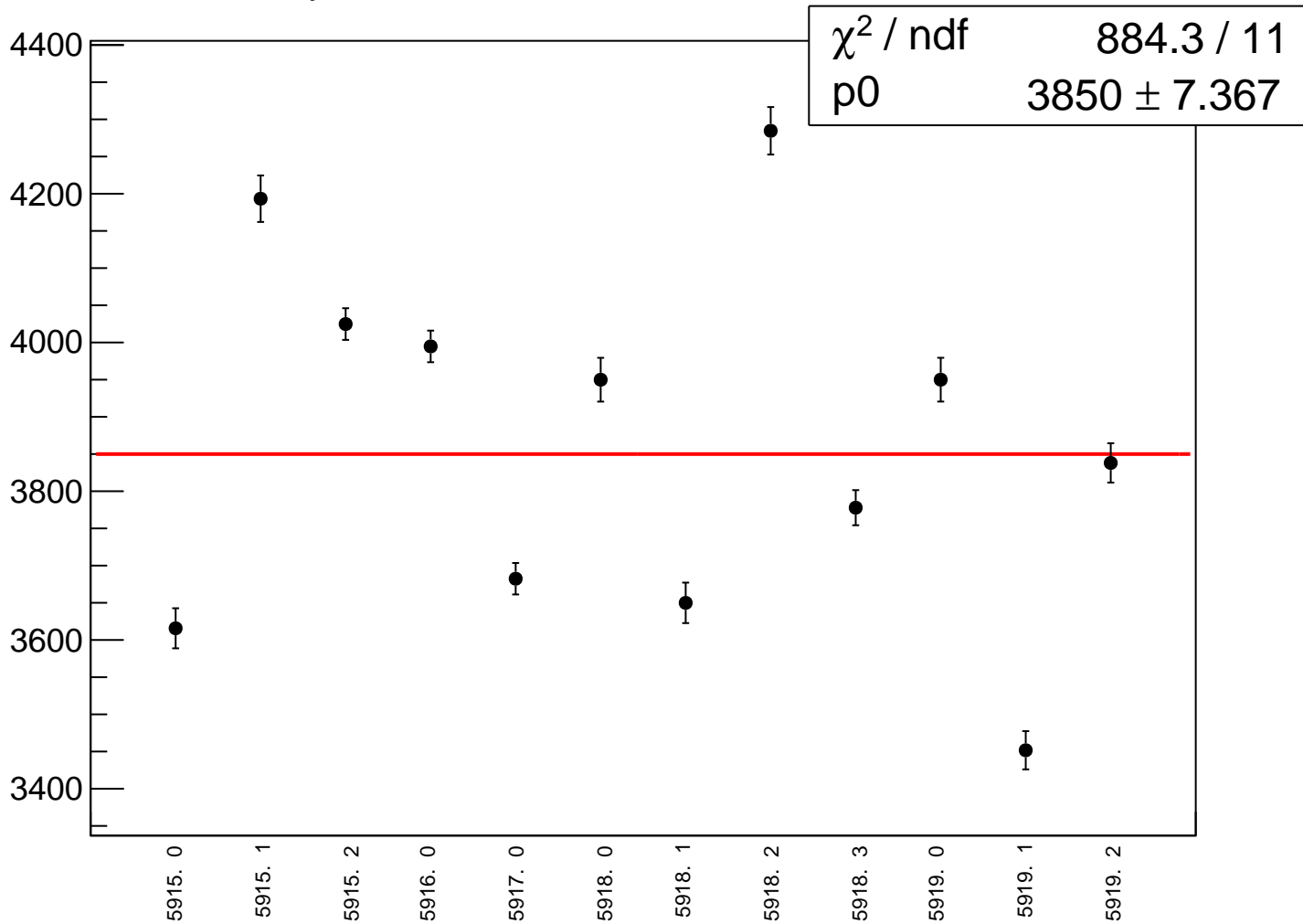
# dit\_asym\_atr\_dd\_rms vs run



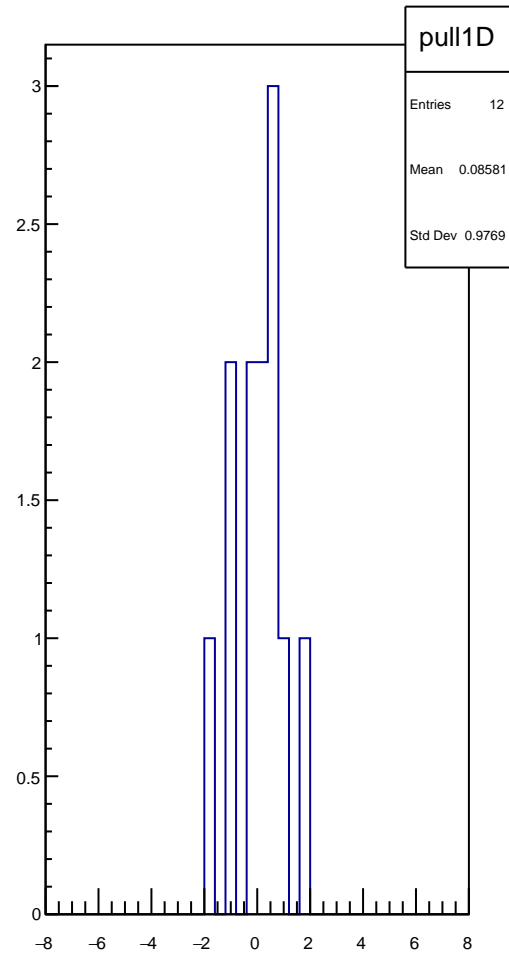
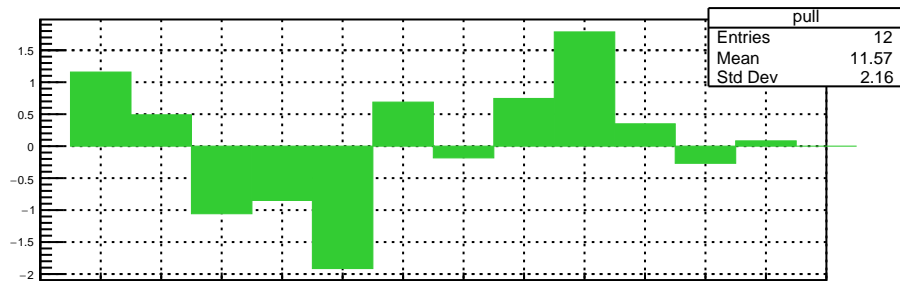
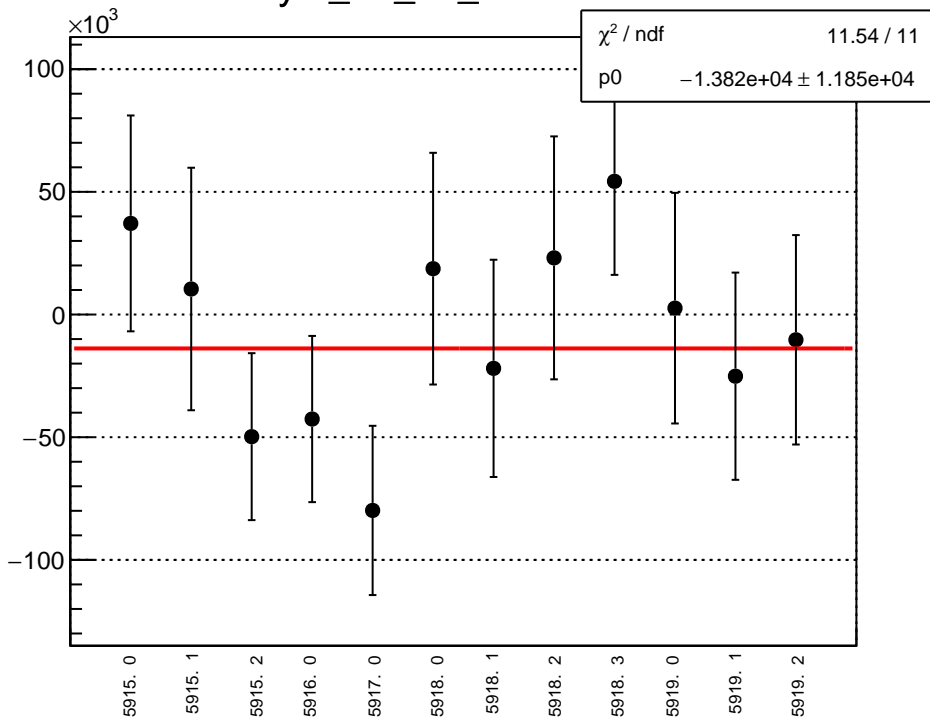
# asym\_atr\_dd\_correction\_mean vs run



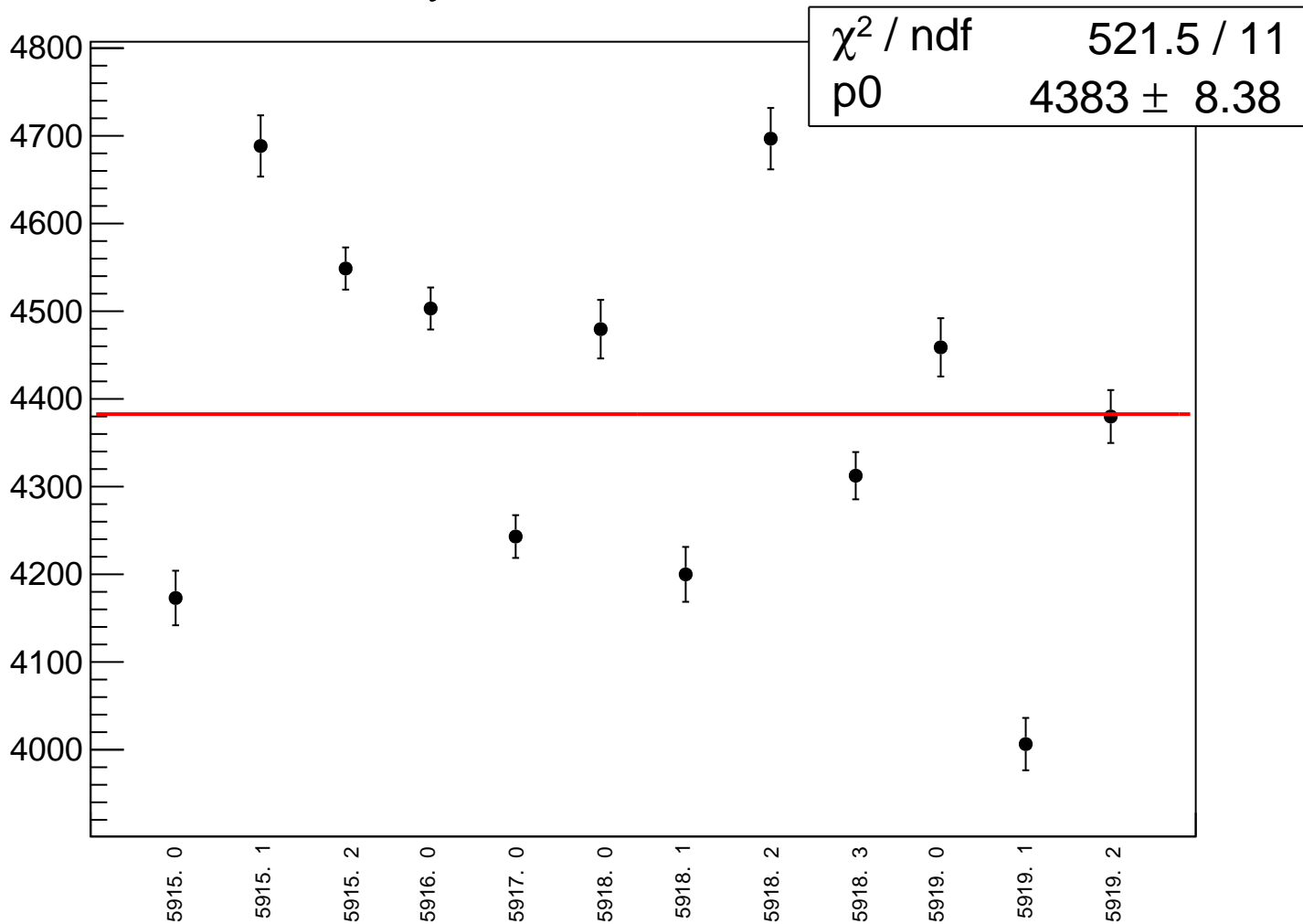
# asym\_atr\_dd\_correction\_rms vs run



# asym\_atr\_dd\_mean vs run

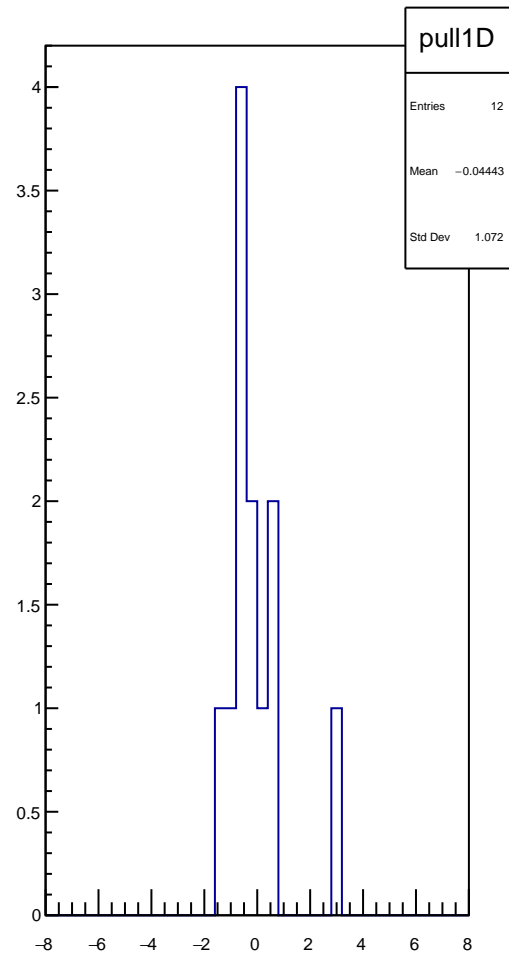
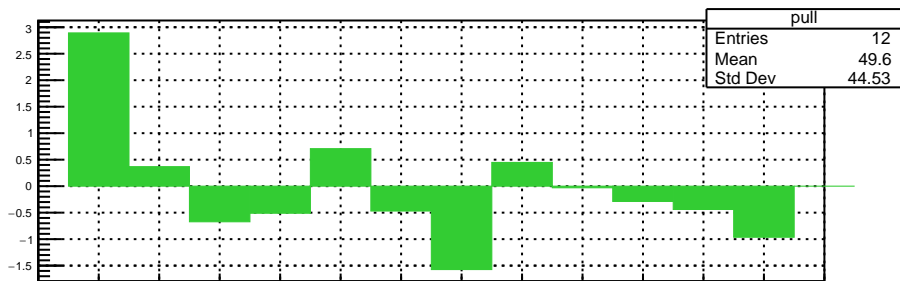
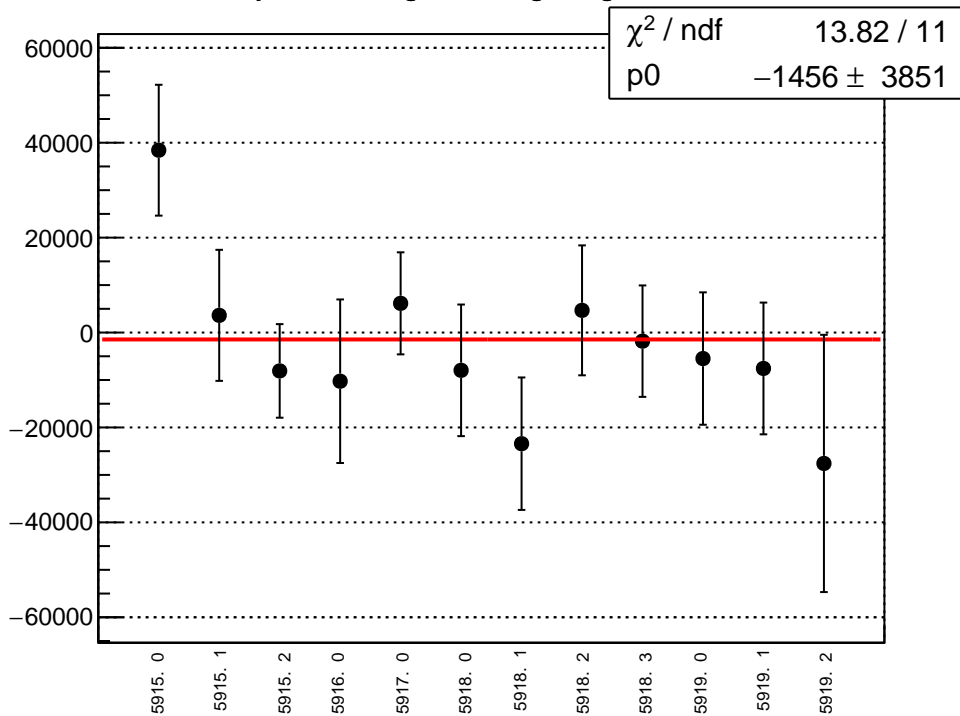


# asym\_atr\_dd\_rms vs run

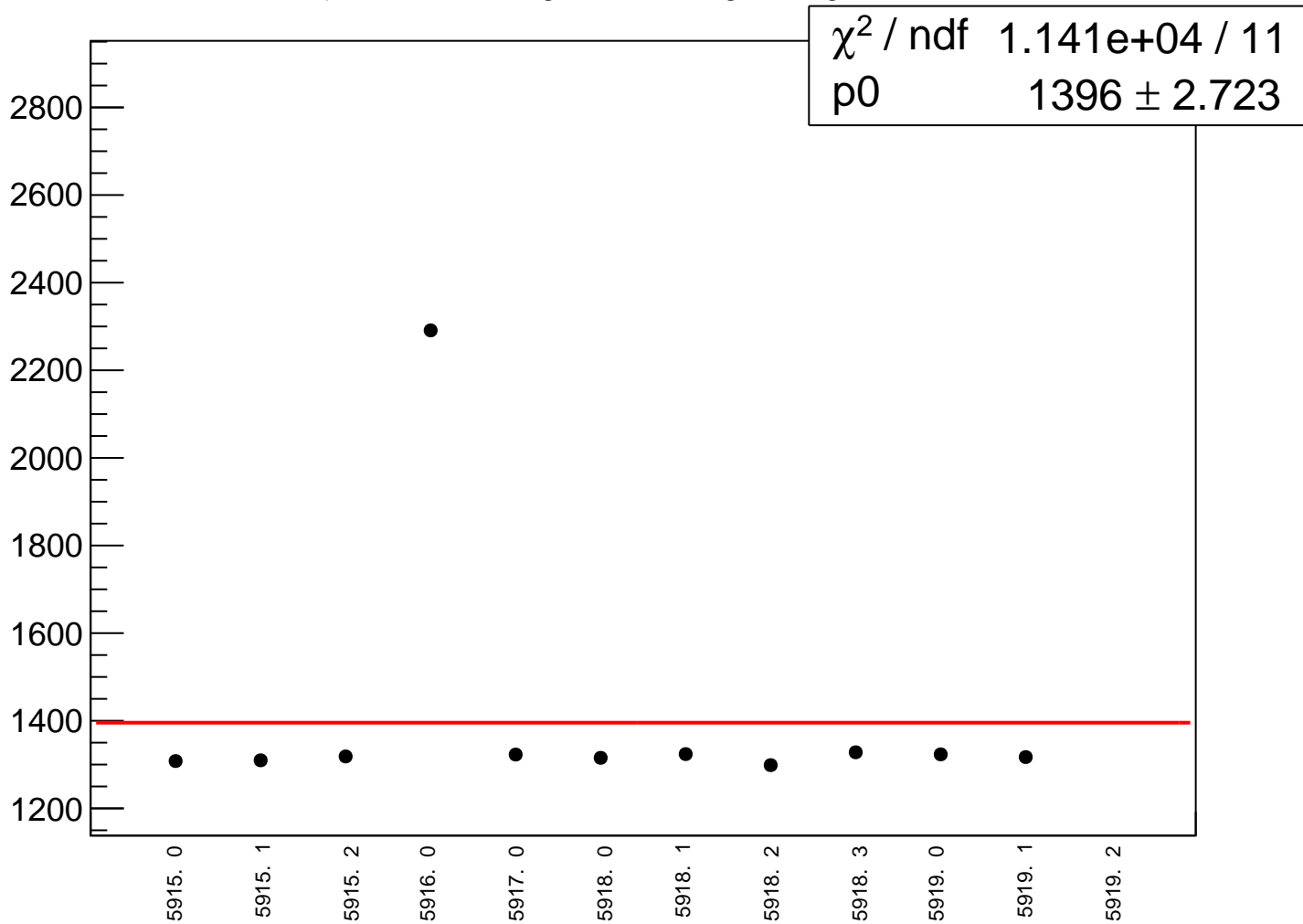




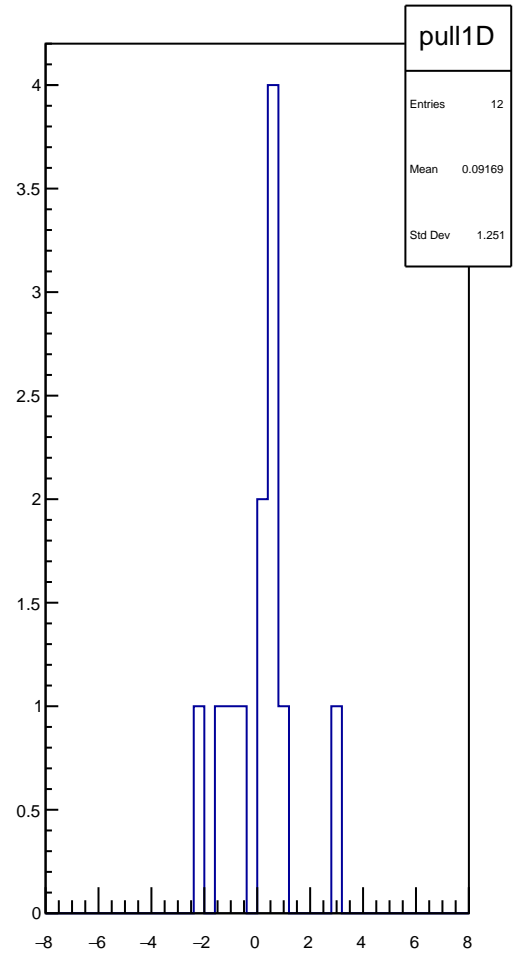
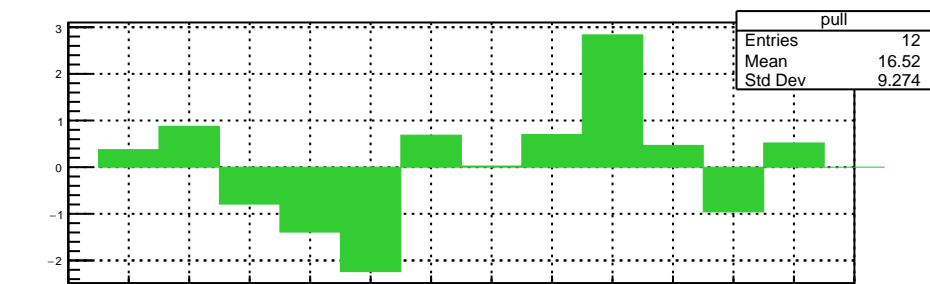
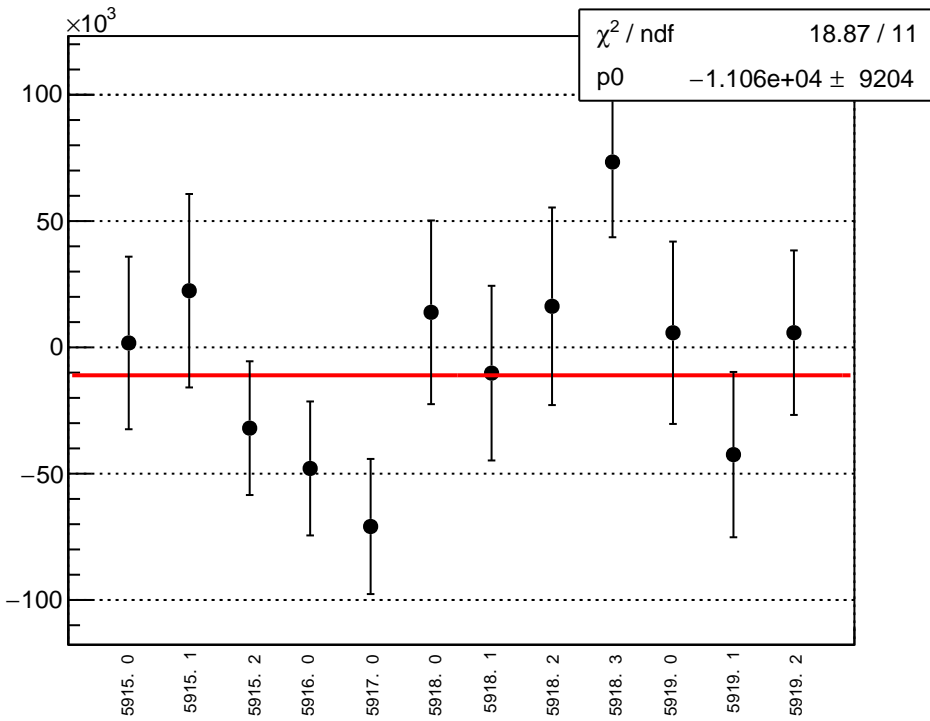
# dit\_asym\_atl\_avg\_atr\_avg\_avg\_mean vs run



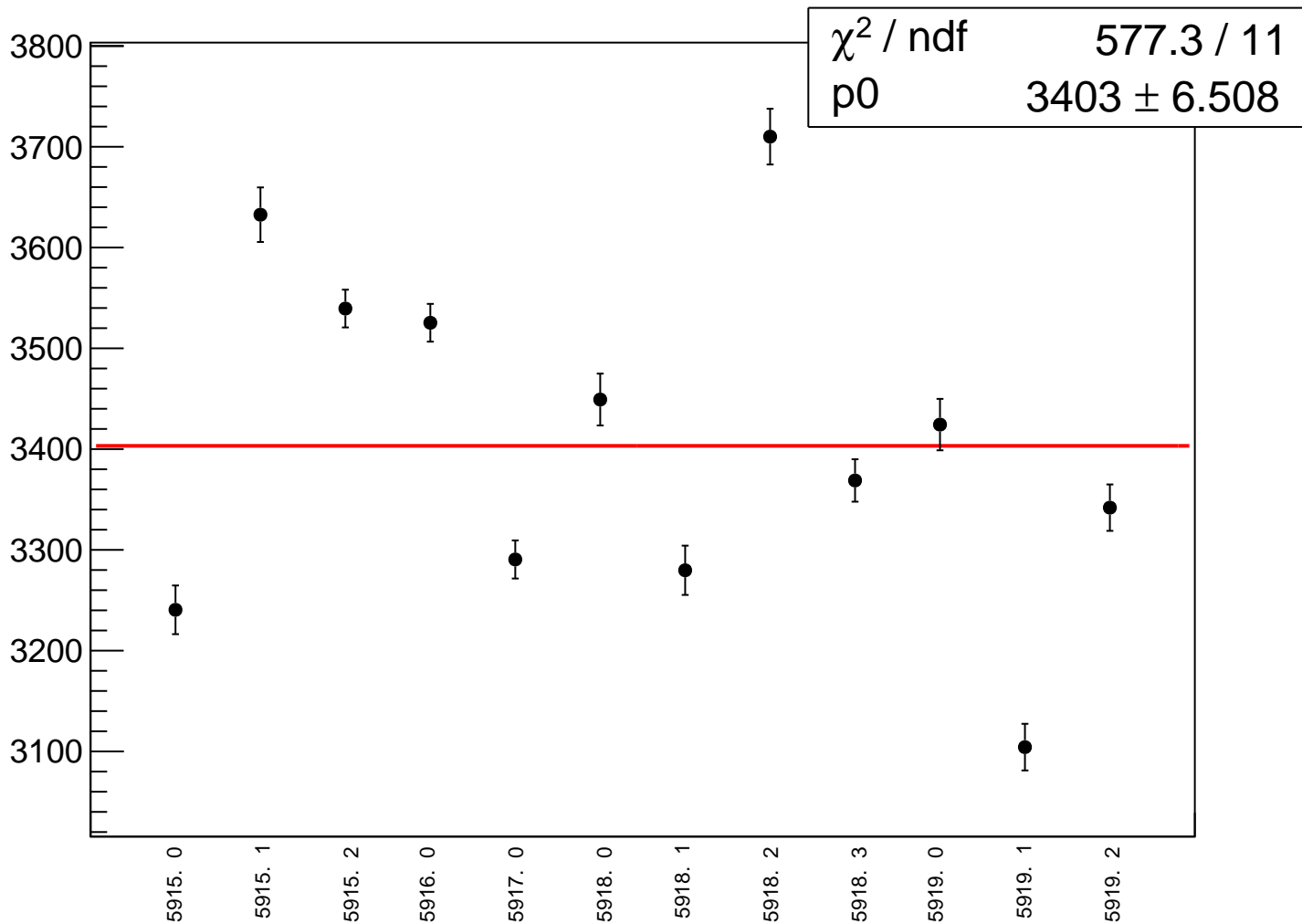
# dit\_asym\_atl\_avg\_atr\_avg\_avg\_rms vs run



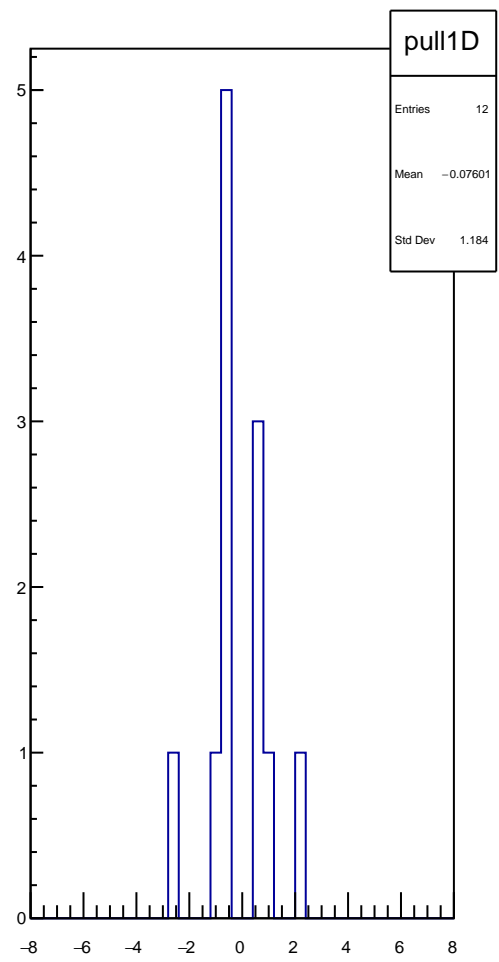
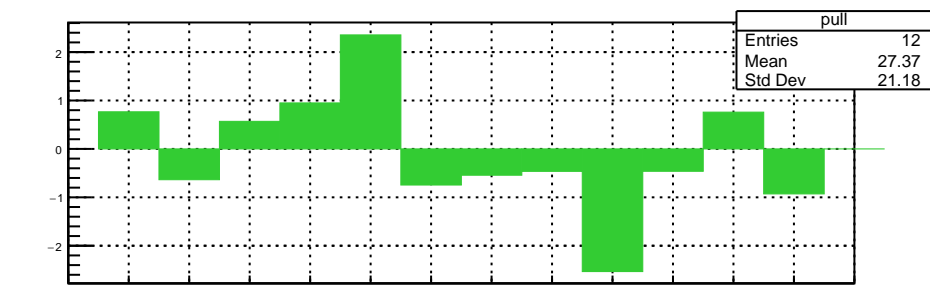
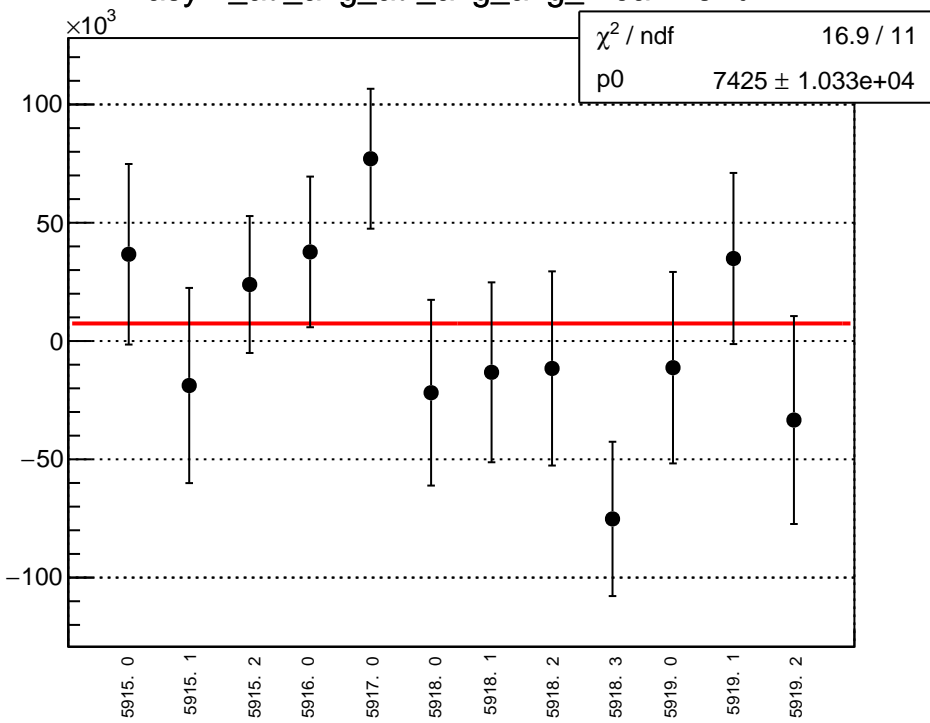
asym\_atl\_avg\_atr\_avg\_avg\_correction\_mean vs run



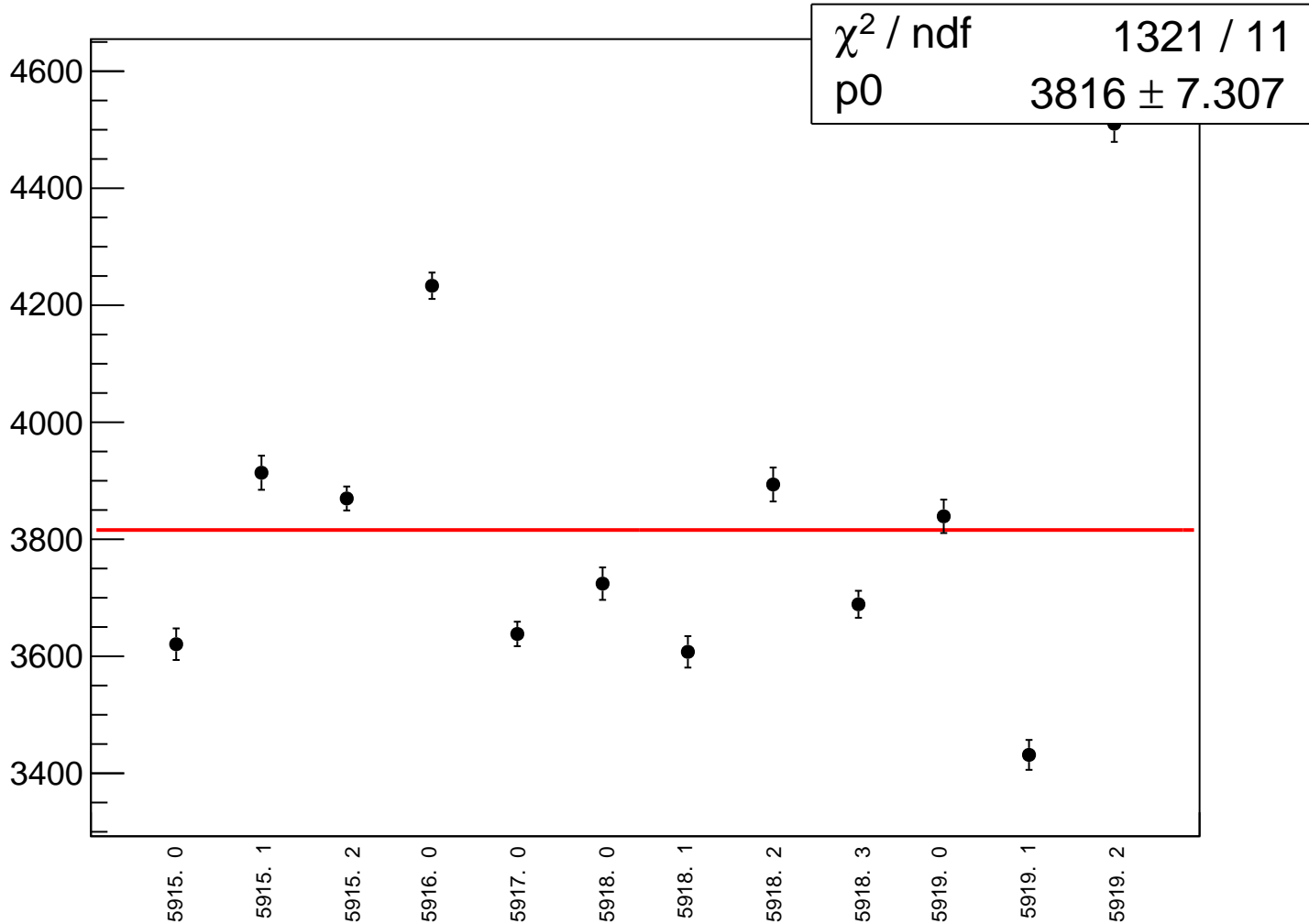
asym\_atl\_avg\_atr\_avg\_avg\_correction\_rms vs run



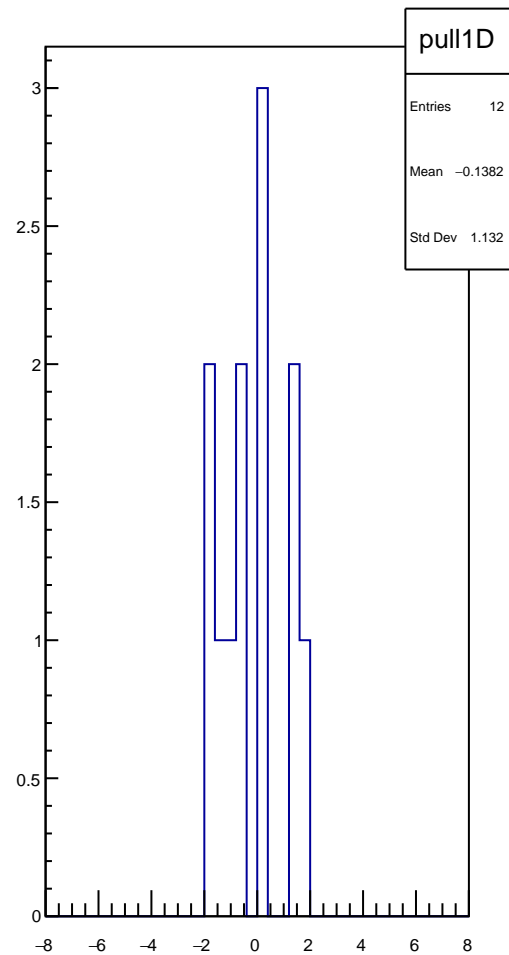
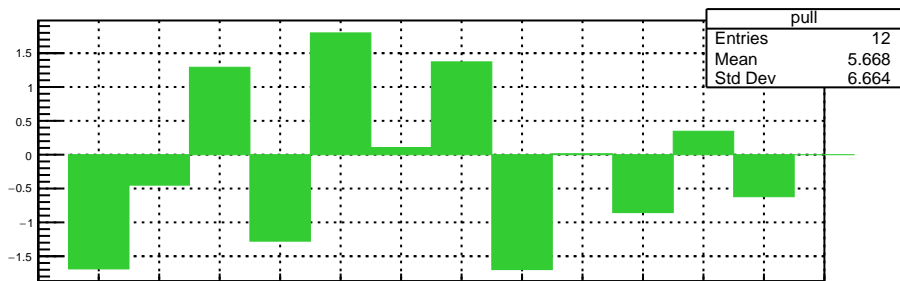
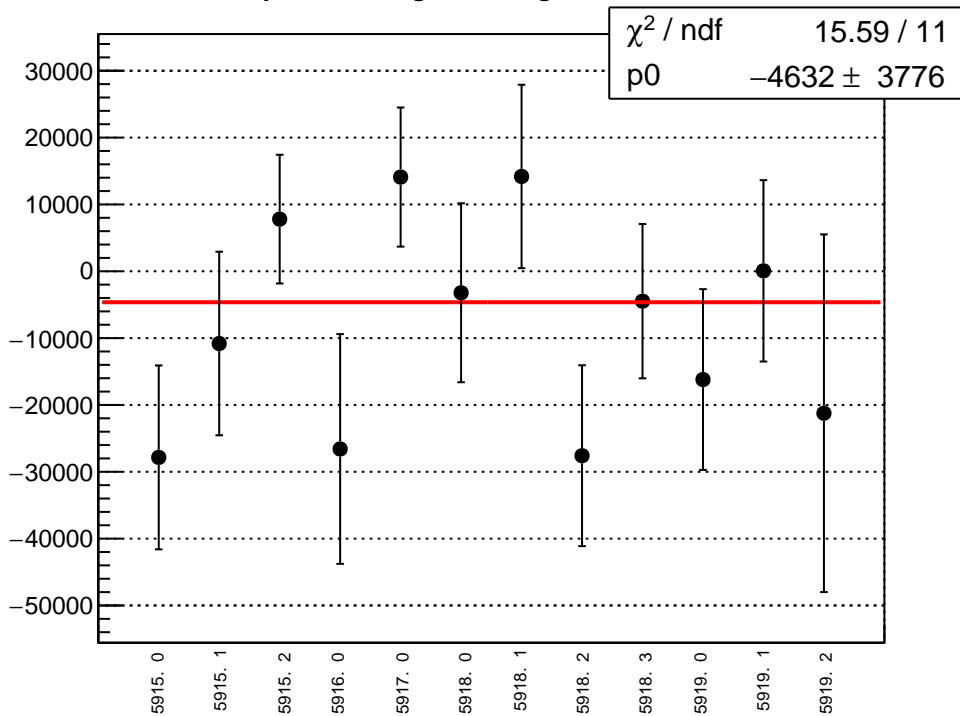
# asym\_atl\_avg\_atr\_avg\_avg\_mean vs run



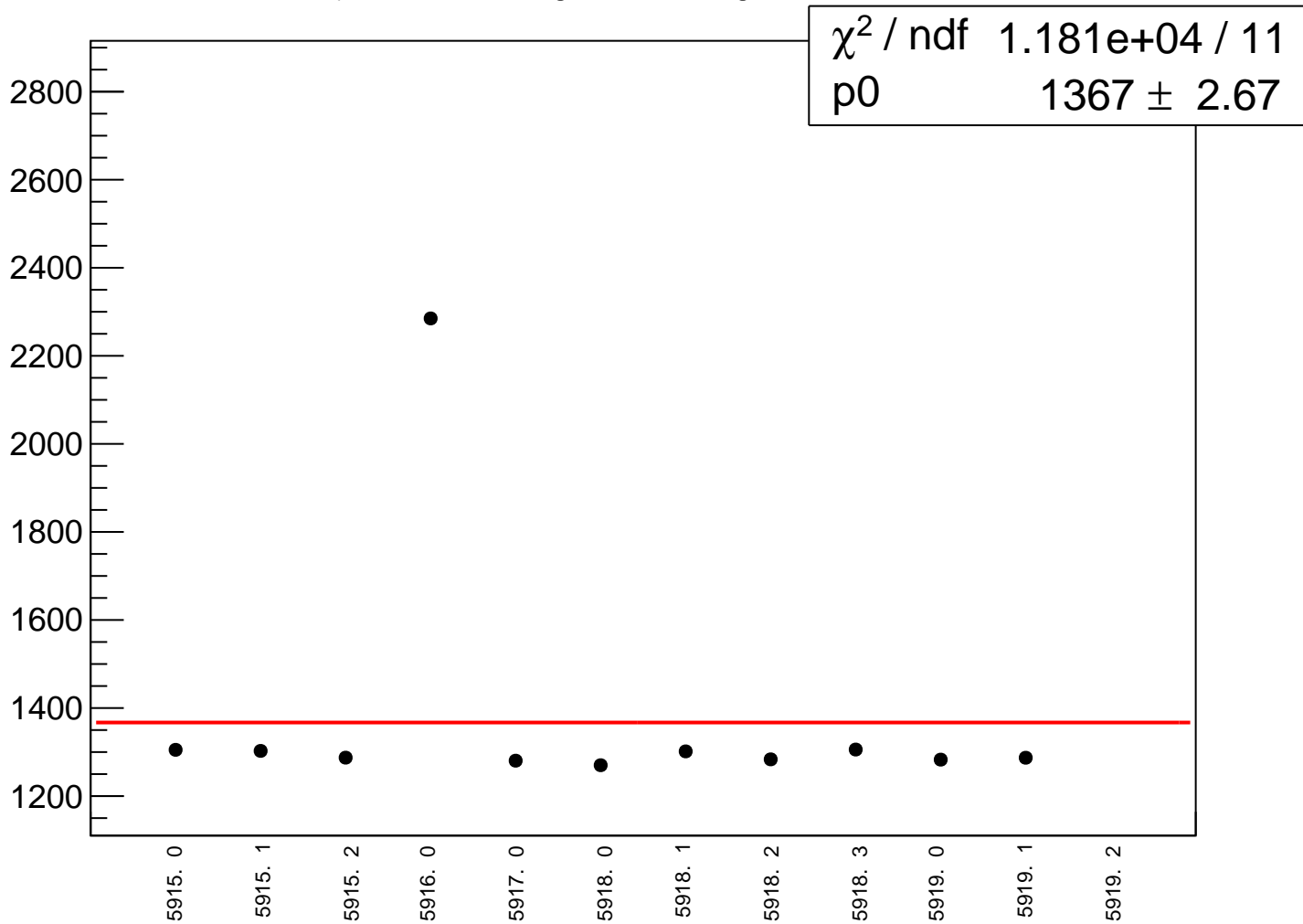
# asym\_atl\_avg\_atr\_avg\_avg\_rms vs run



dit\_asym\_atl\_avg\_atr\_avg\_dd\_mean vs run

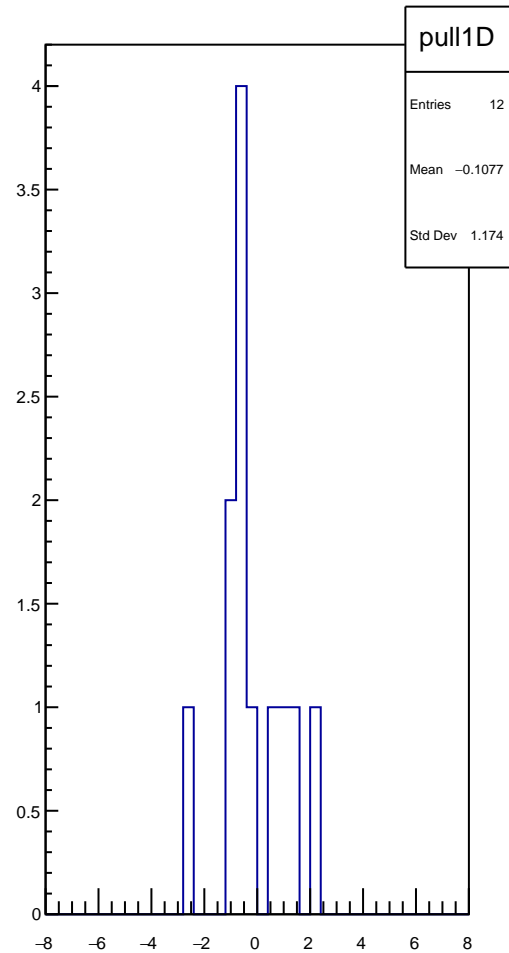
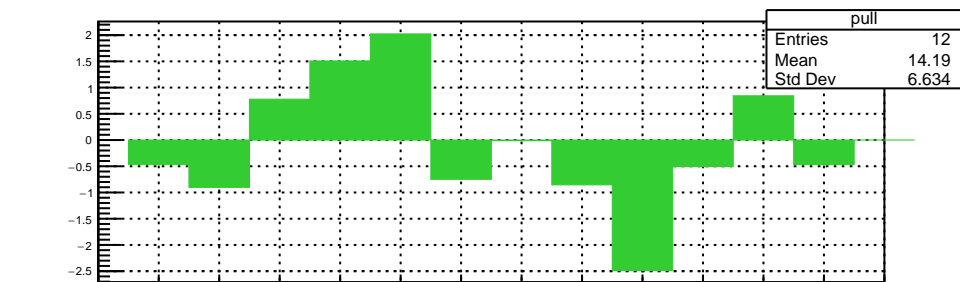
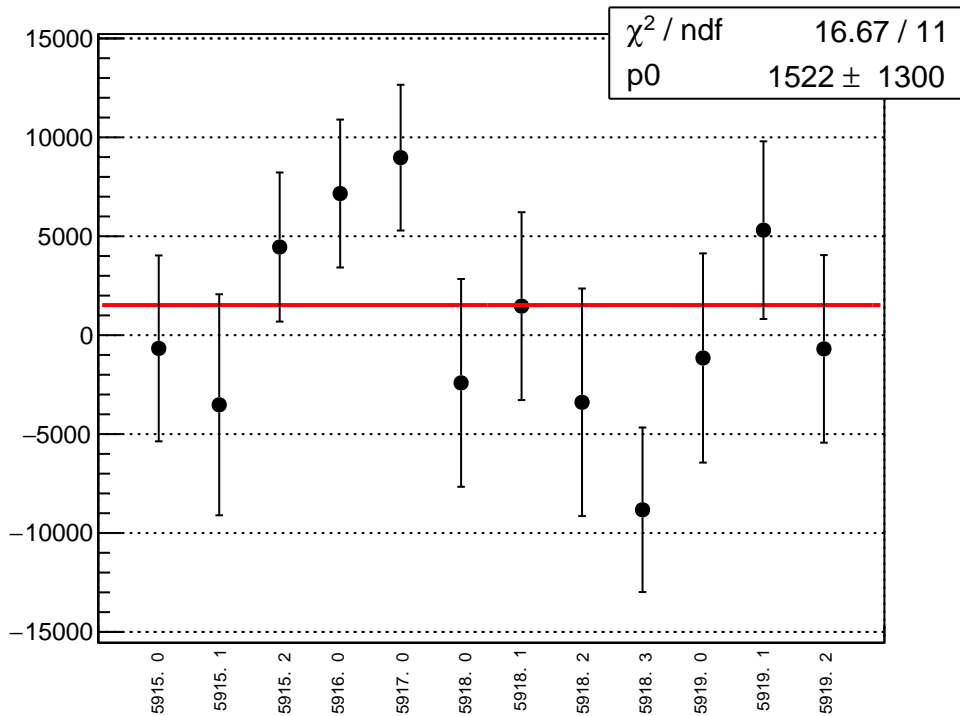


# dit\_asym\_atl\_avg\_atr\_avg\_dd\_rms vs run

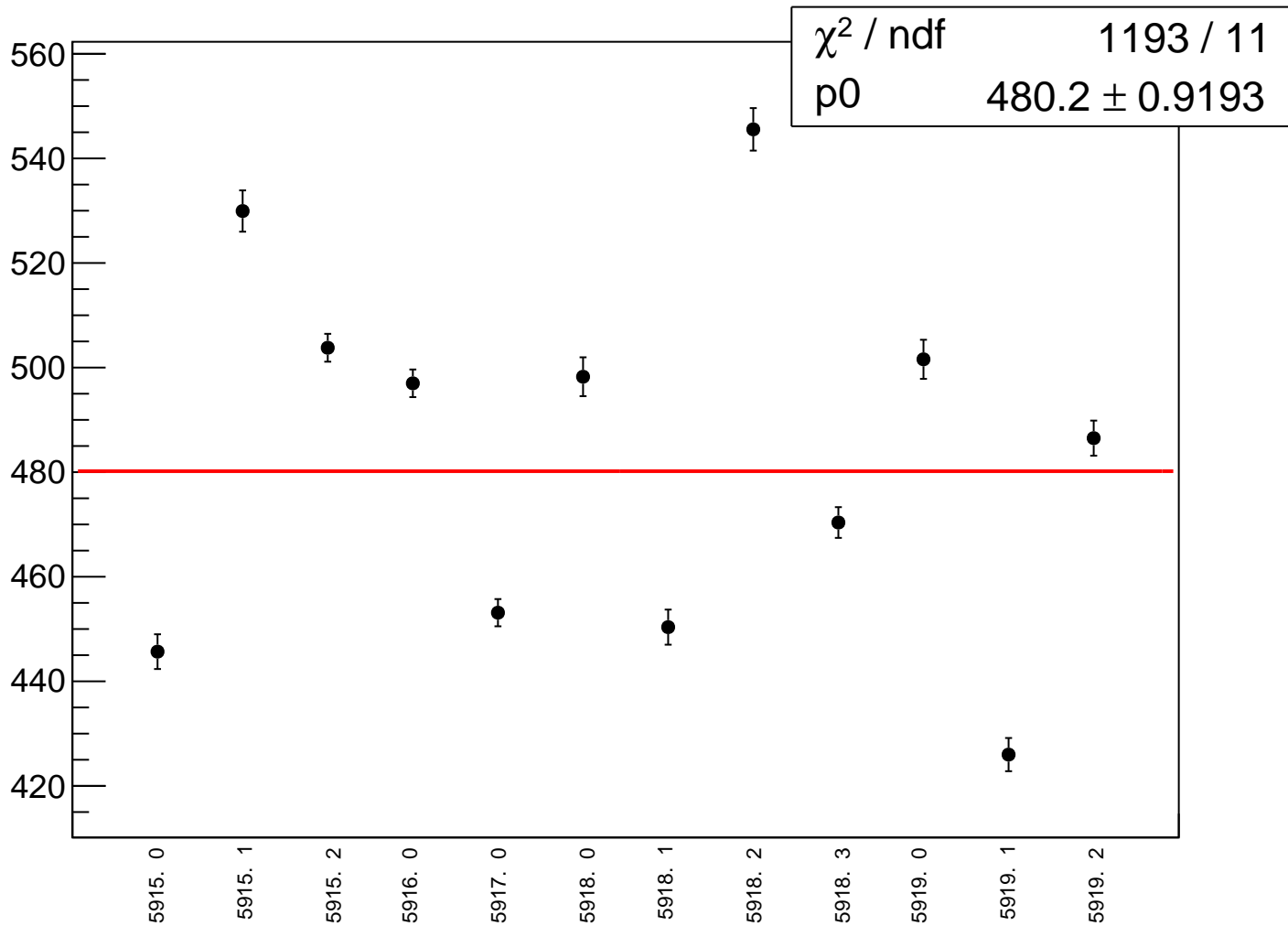




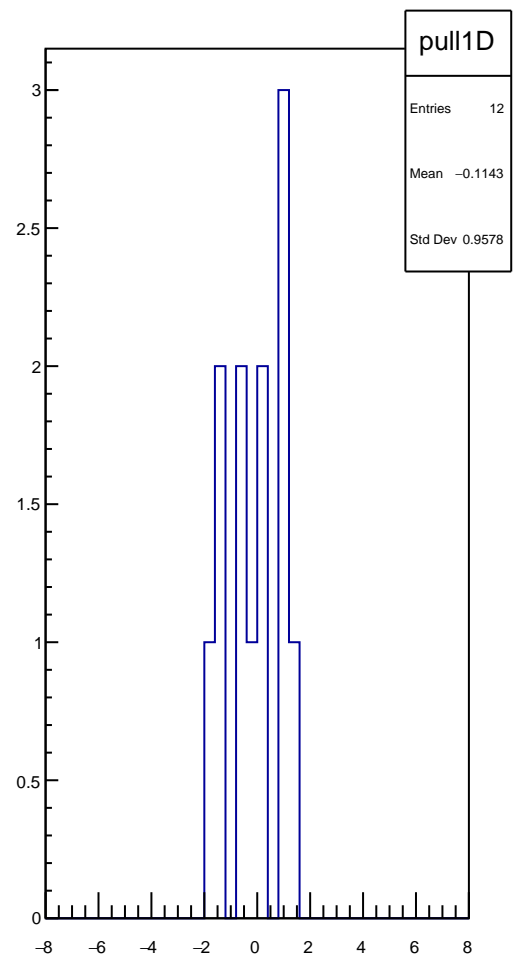
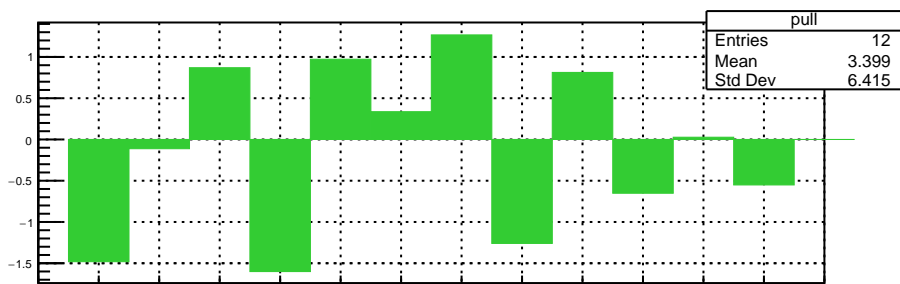
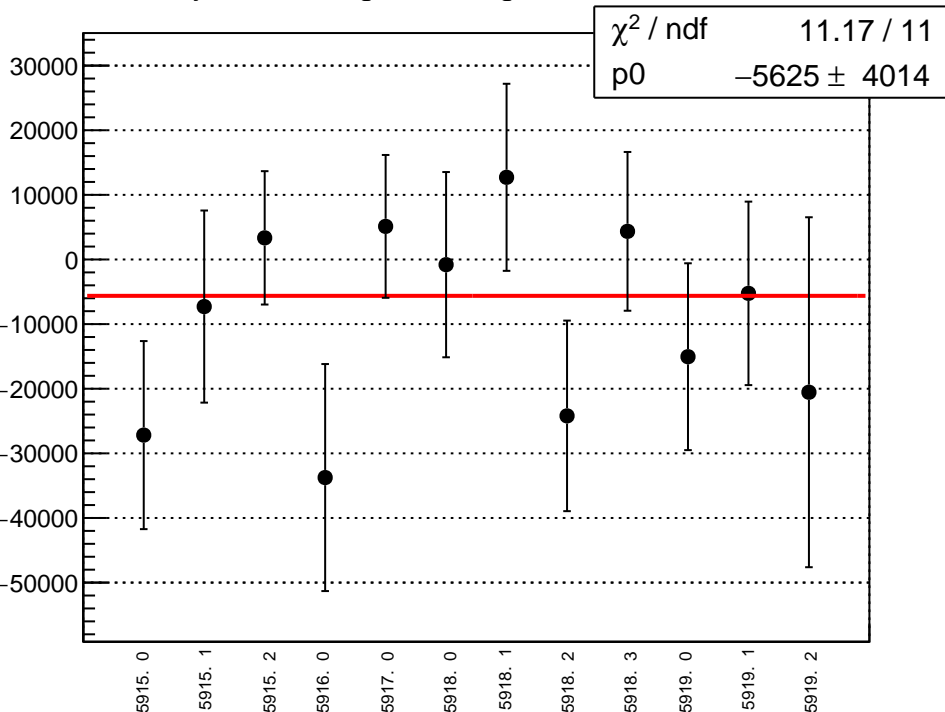
asym\_atl\_avg\_atr\_avg\_dd\_correction\_mean vs run



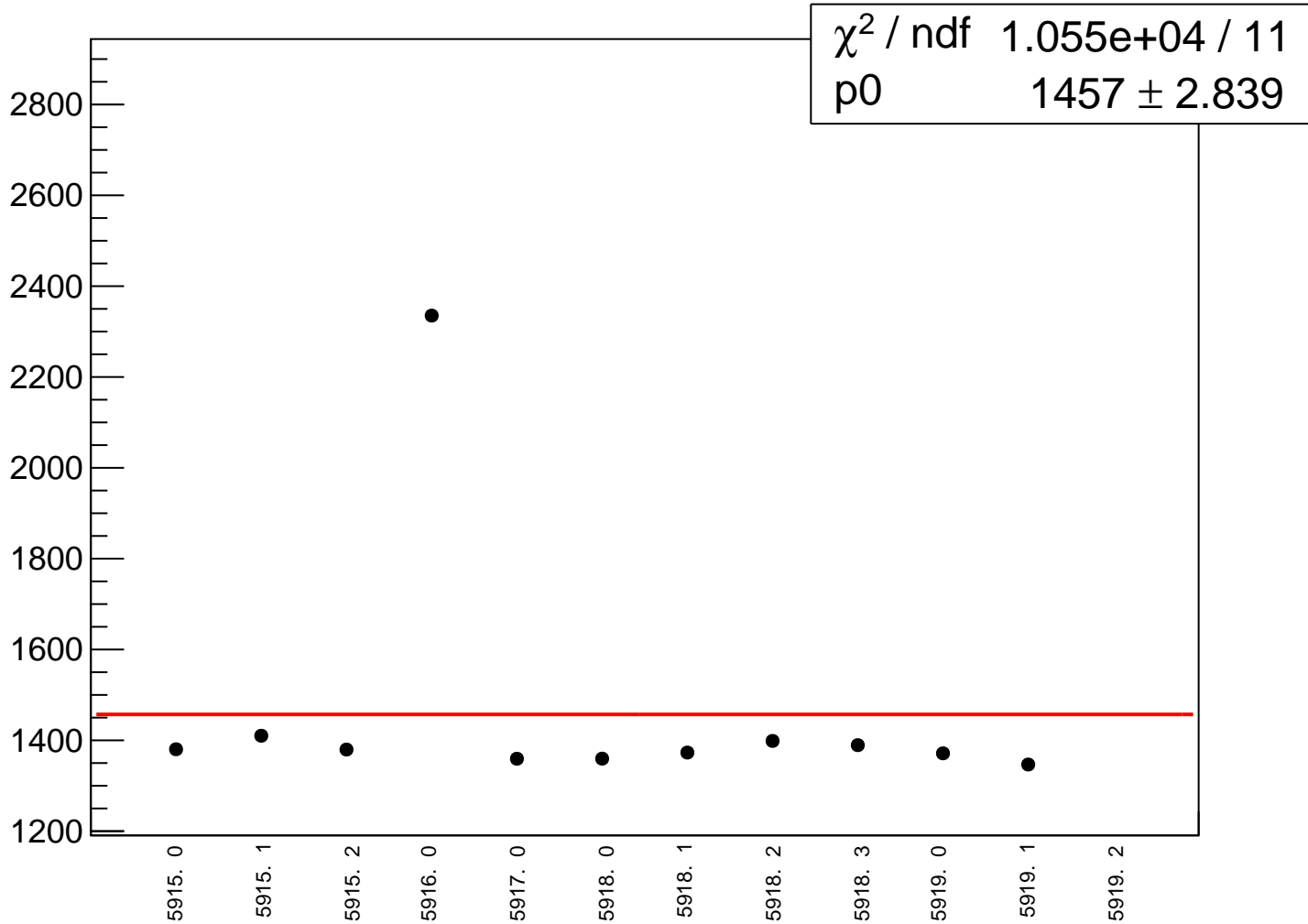
asym\_atl\_avg\_atr\_avg\_dd\_correction\_rms vs run



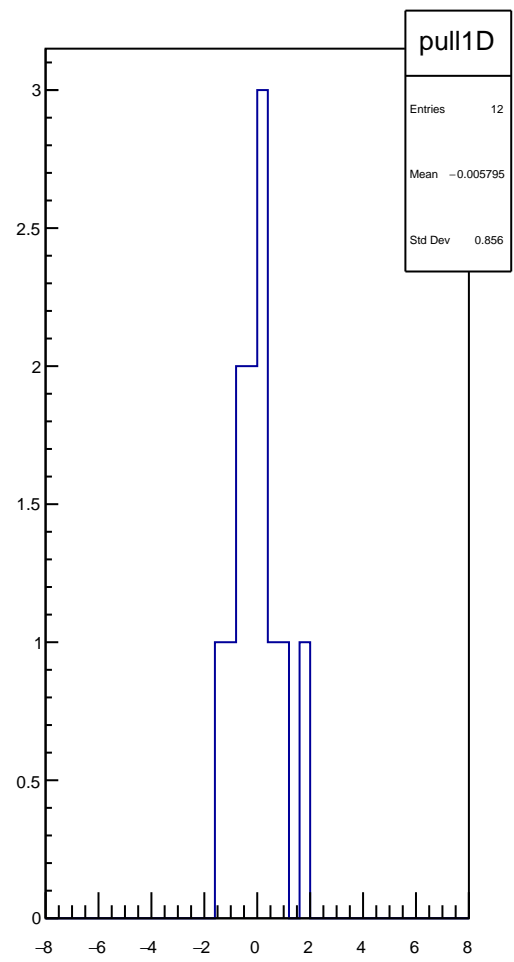
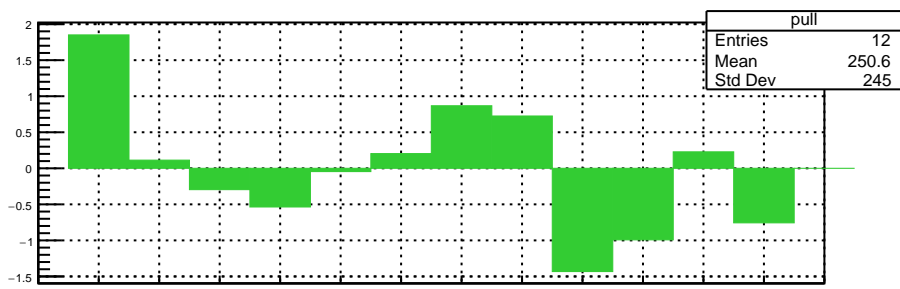
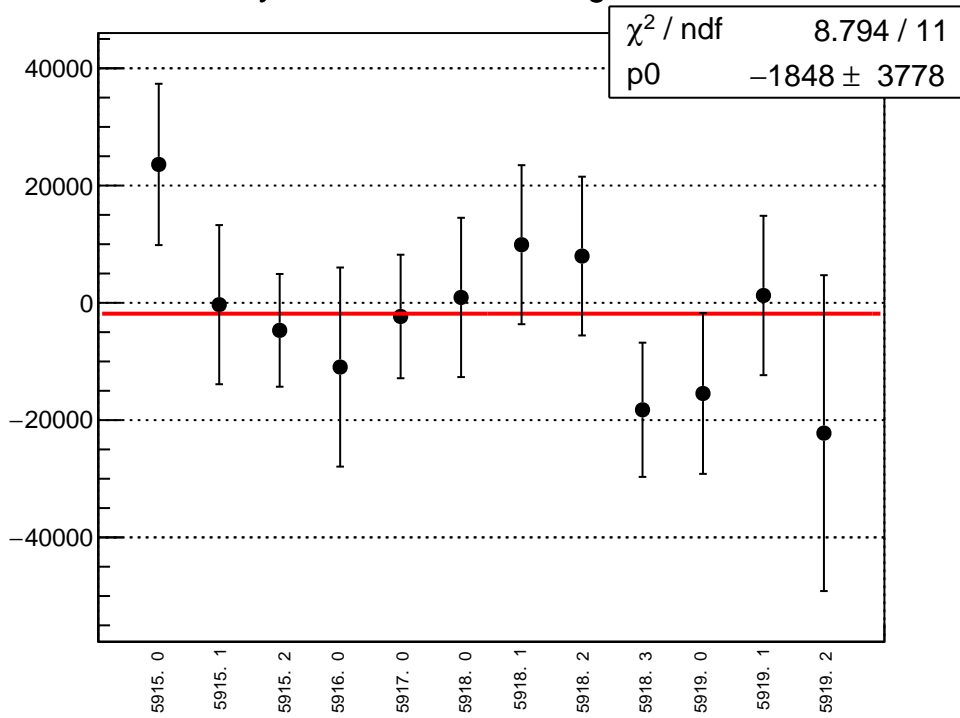
# asym\_atl\_avg\_atr\_avg\_dd\_mean vs run



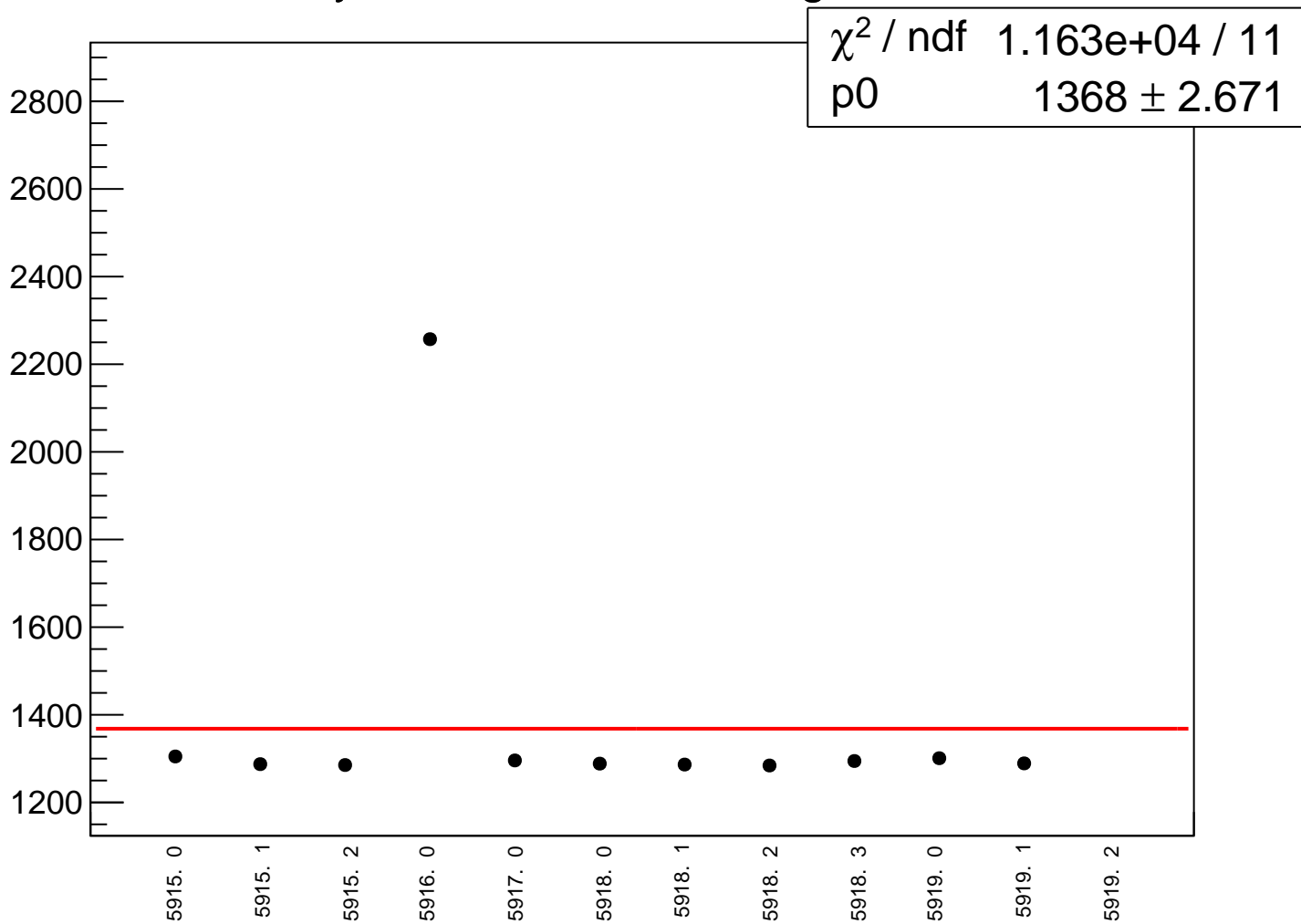
# asym\_atl\_avg\_atr\_avg\_dd\_rms vs run



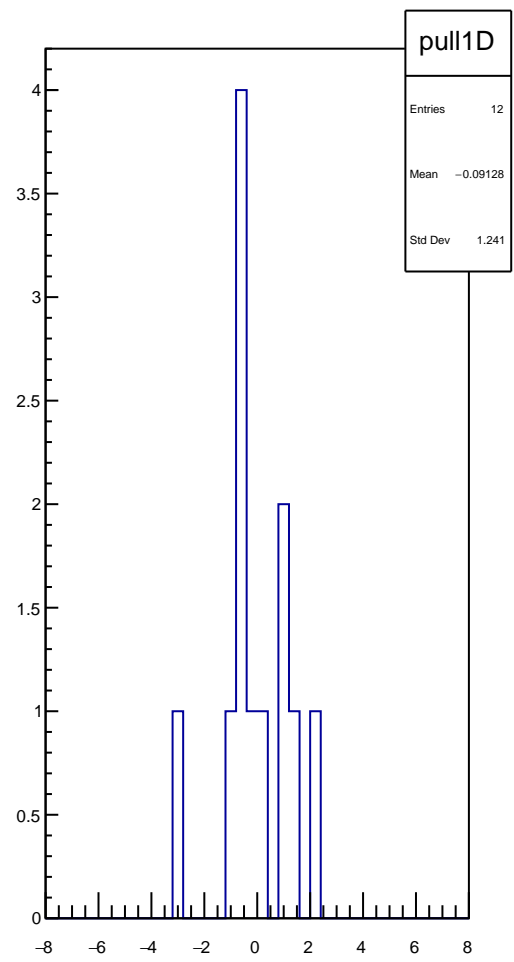
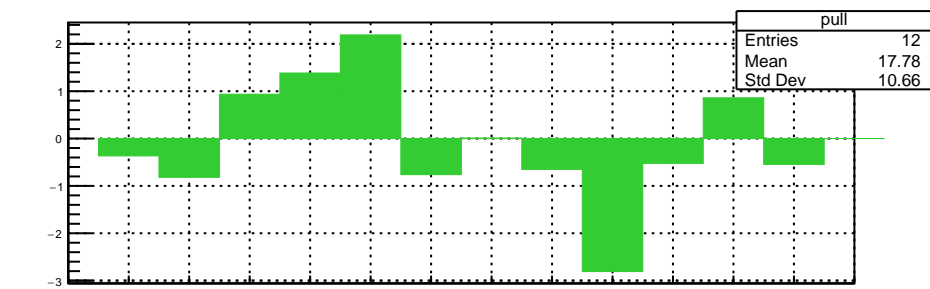
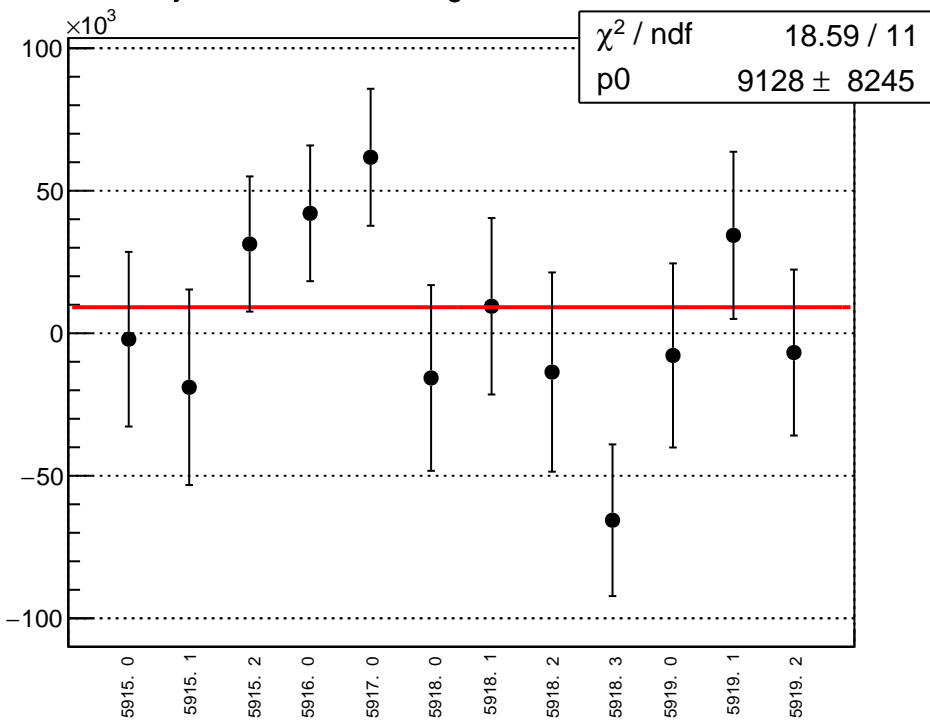
# dit\_asym\_atl\_dd\_atr\_dd\_avg\_mean vs run



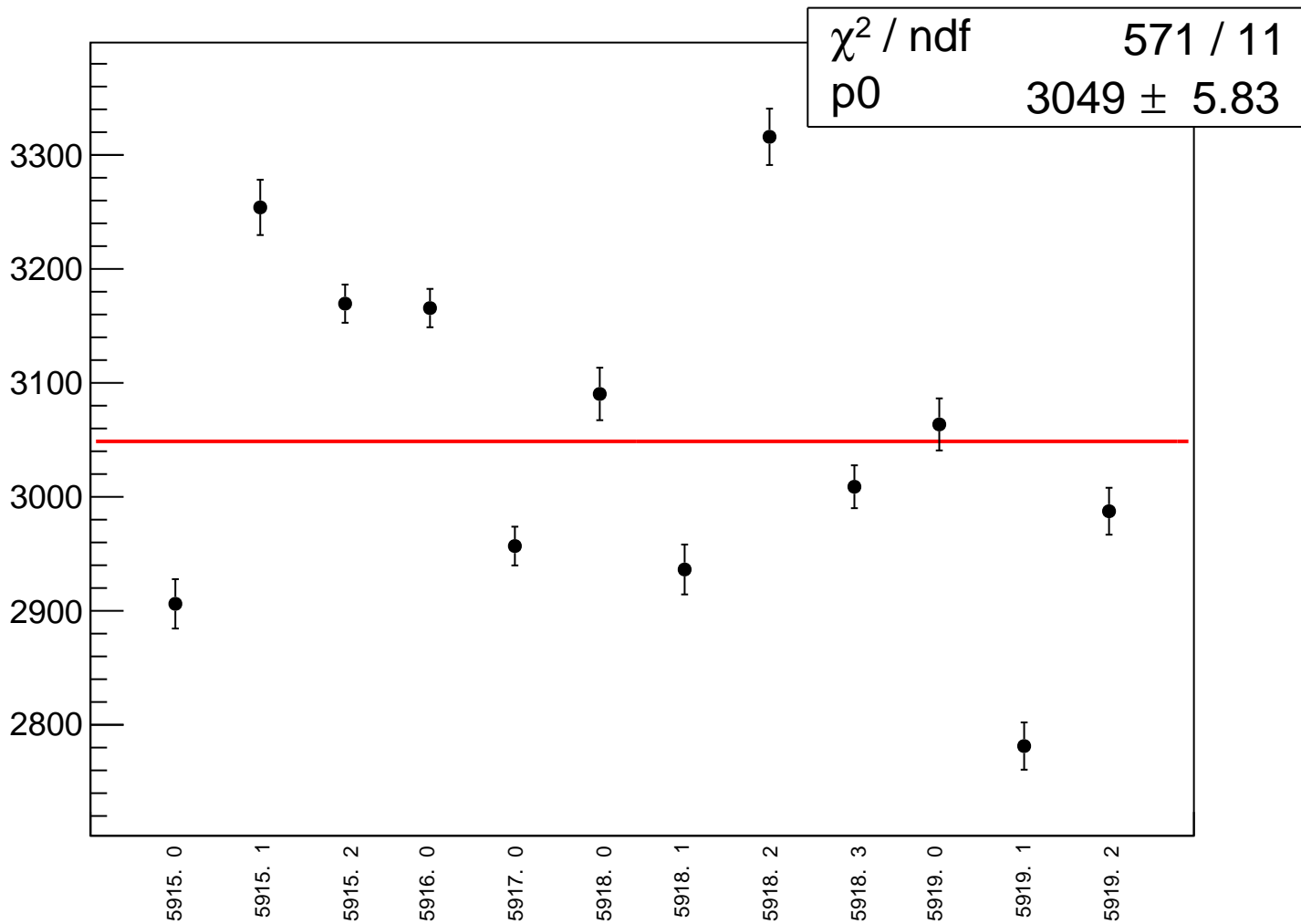
# dit\_asym\_atl\_dd\_atr\_dd\_avg\_rms vs run



asym\_atl\_dd\_atr\_dd\_avg\_correction\_mean vs run

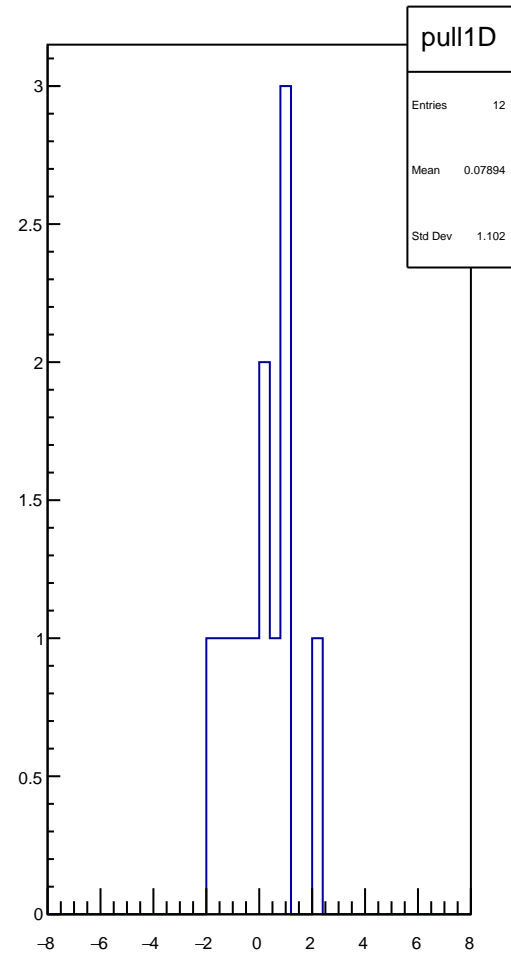
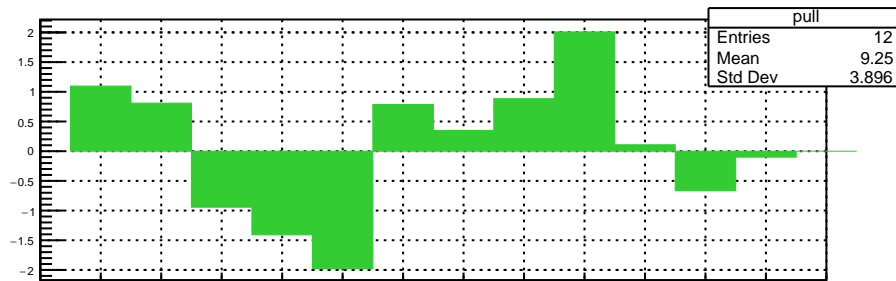
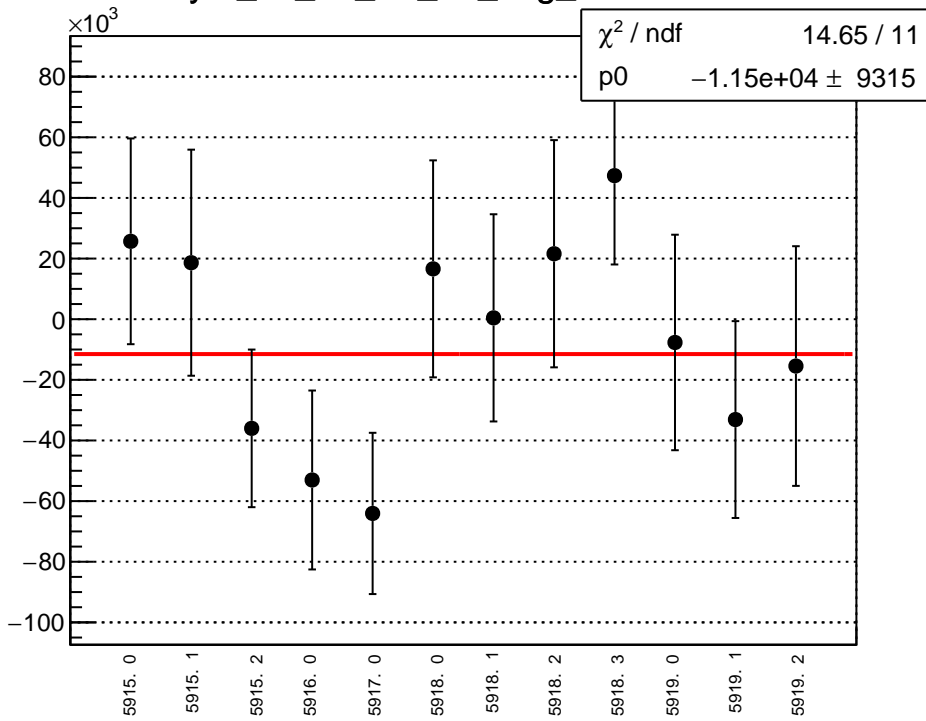


asym\_atl\_dd\_atr\_dd\_avg\_correction\_rms vs run



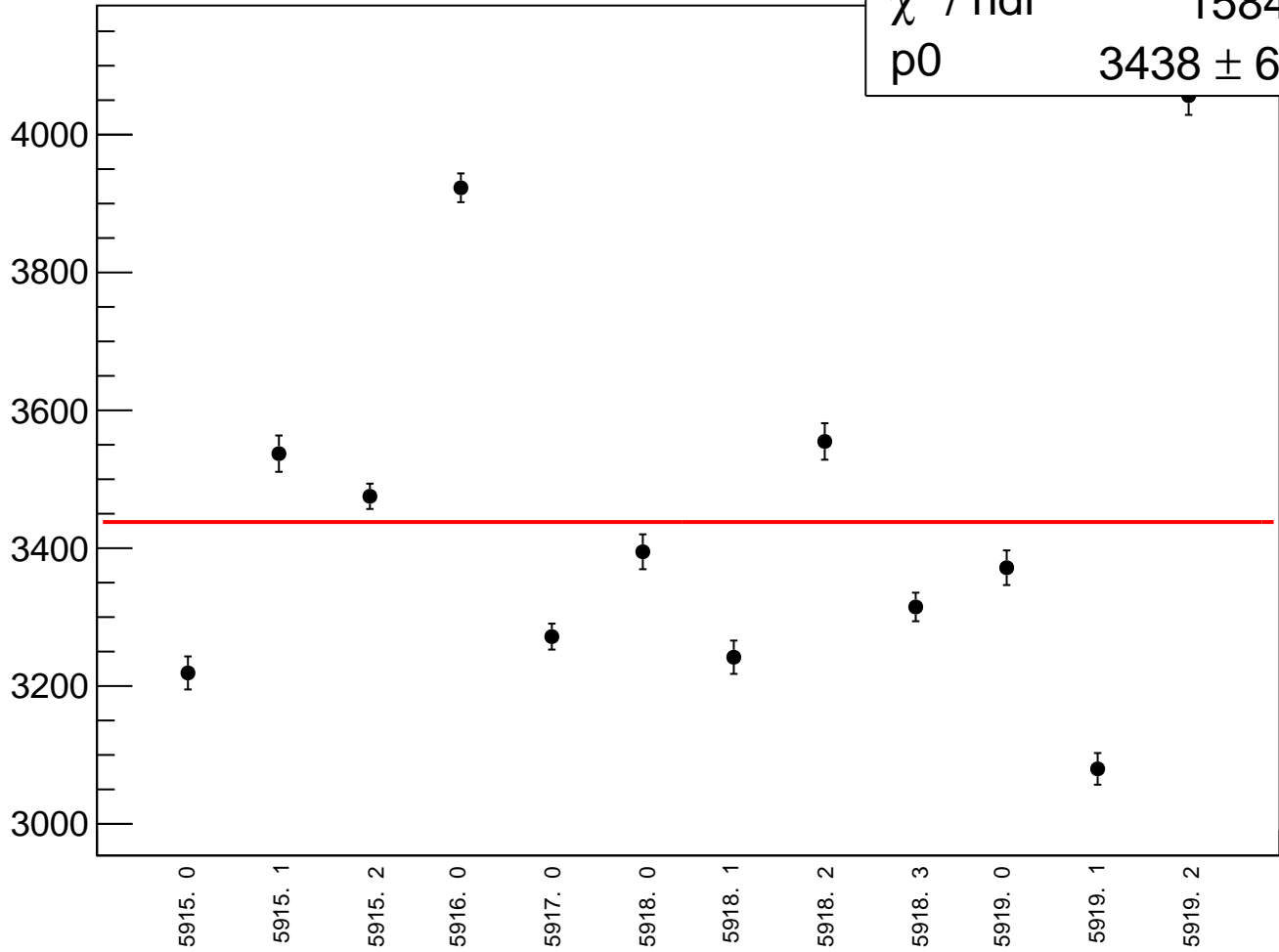


# asym\_atl\_dd\_atr\_dd\_avg\_mean vs run

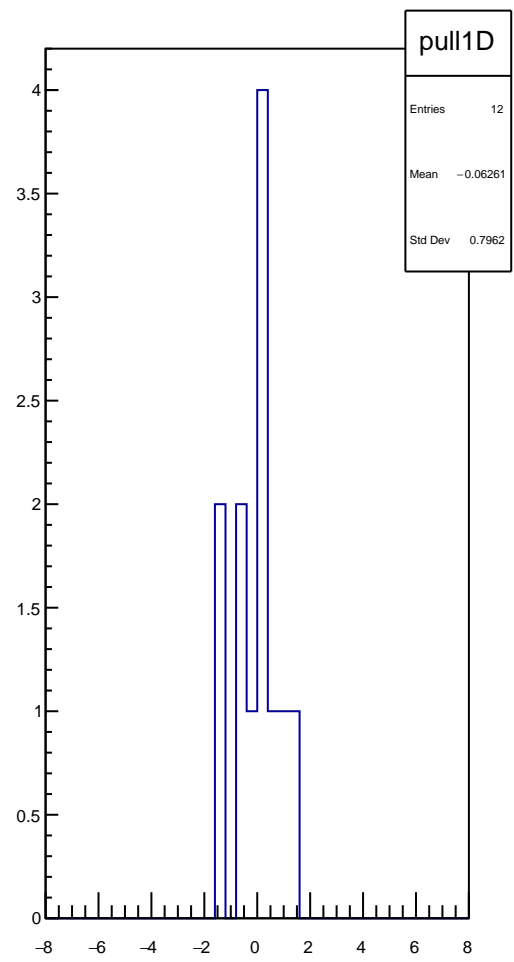
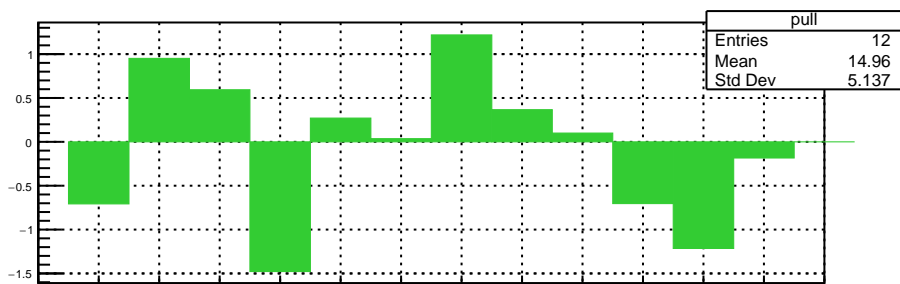
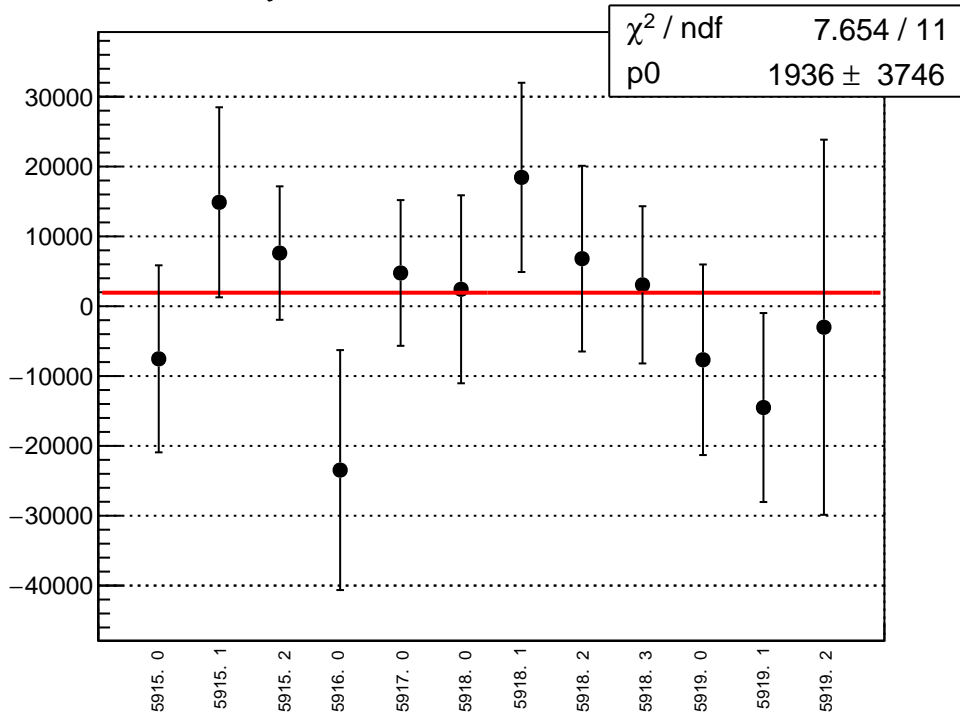


# asym\_atl\_dd\_atr\_dd\_avg\_rms vs run

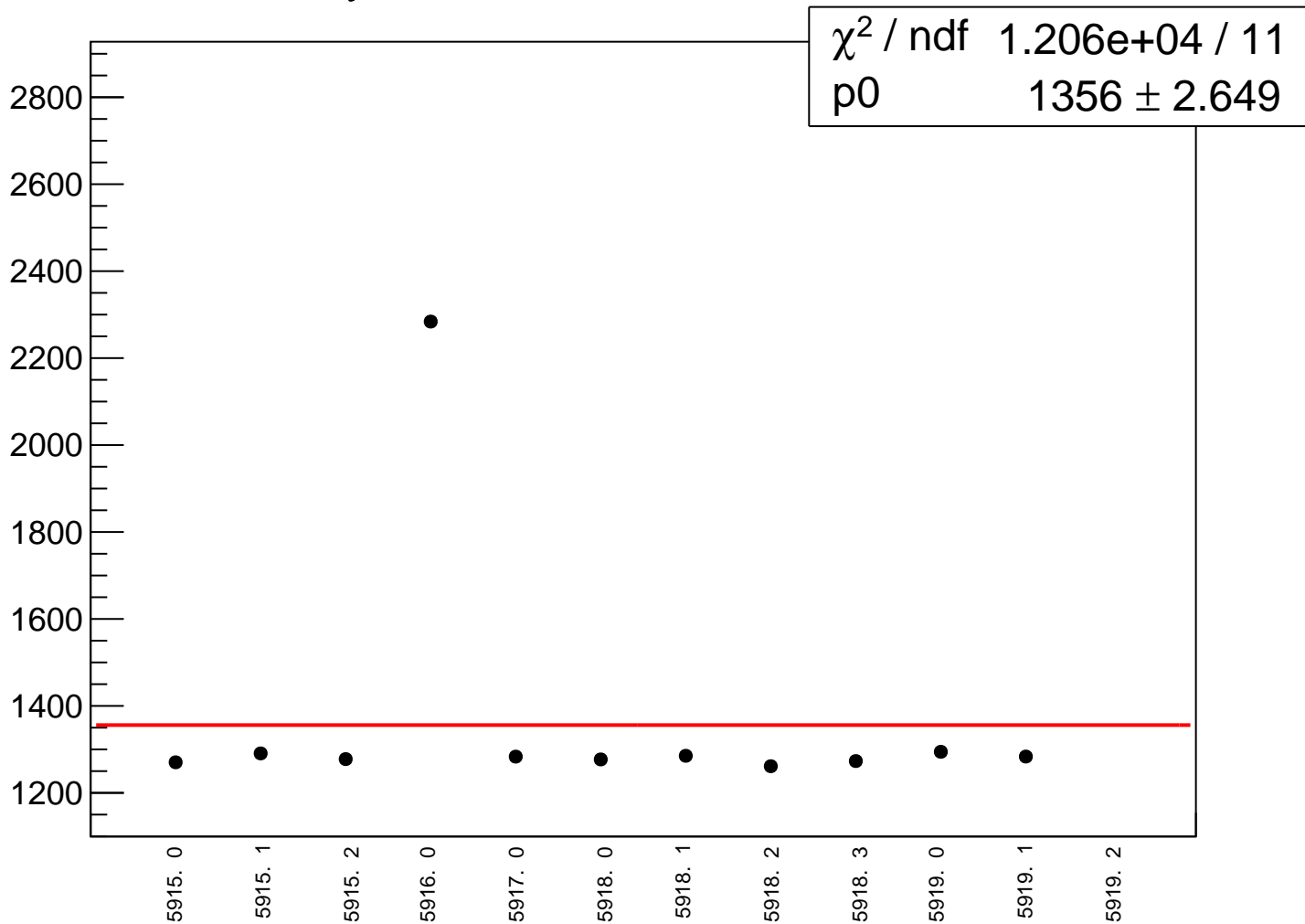
$\chi^2 / \text{ndf}$  1584 / 11  
p0 3438  $\pm$  6.587



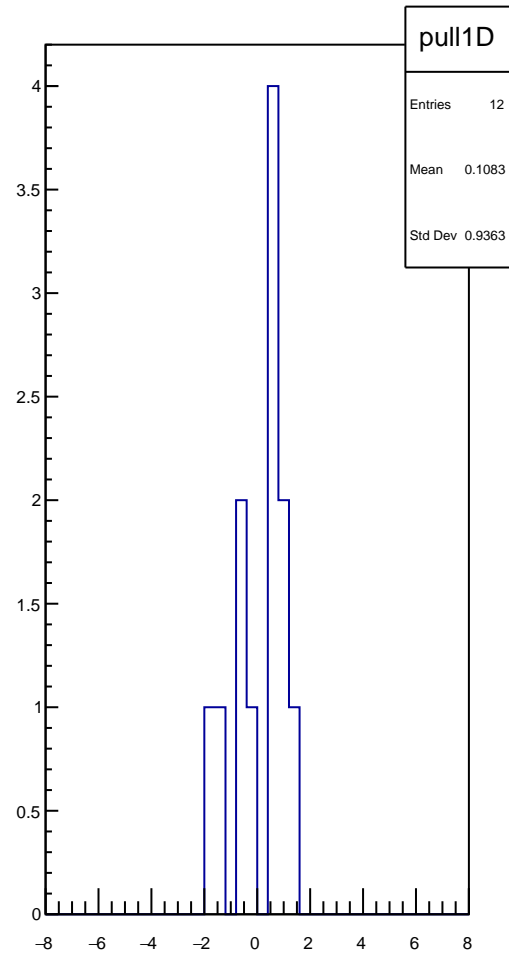
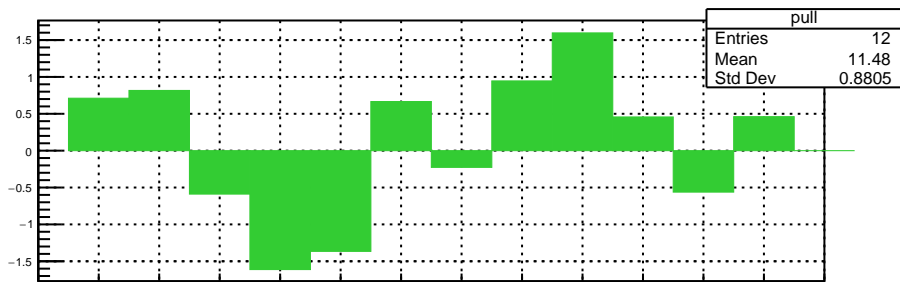
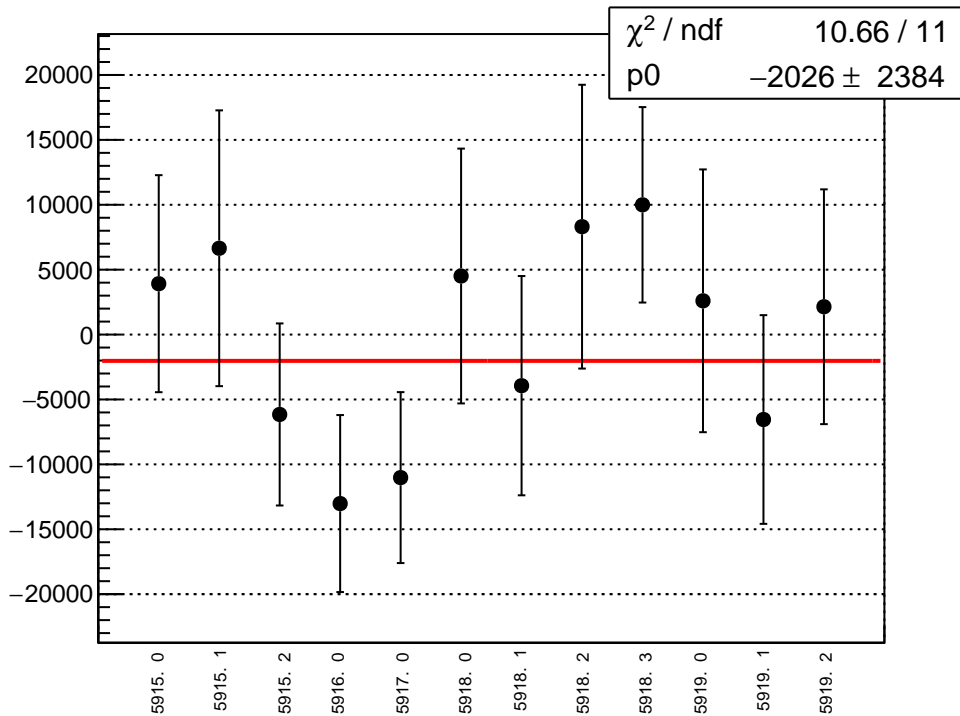
# dit\_asym\_atl\_dd\_atr\_dd\_dd\_mean vs run



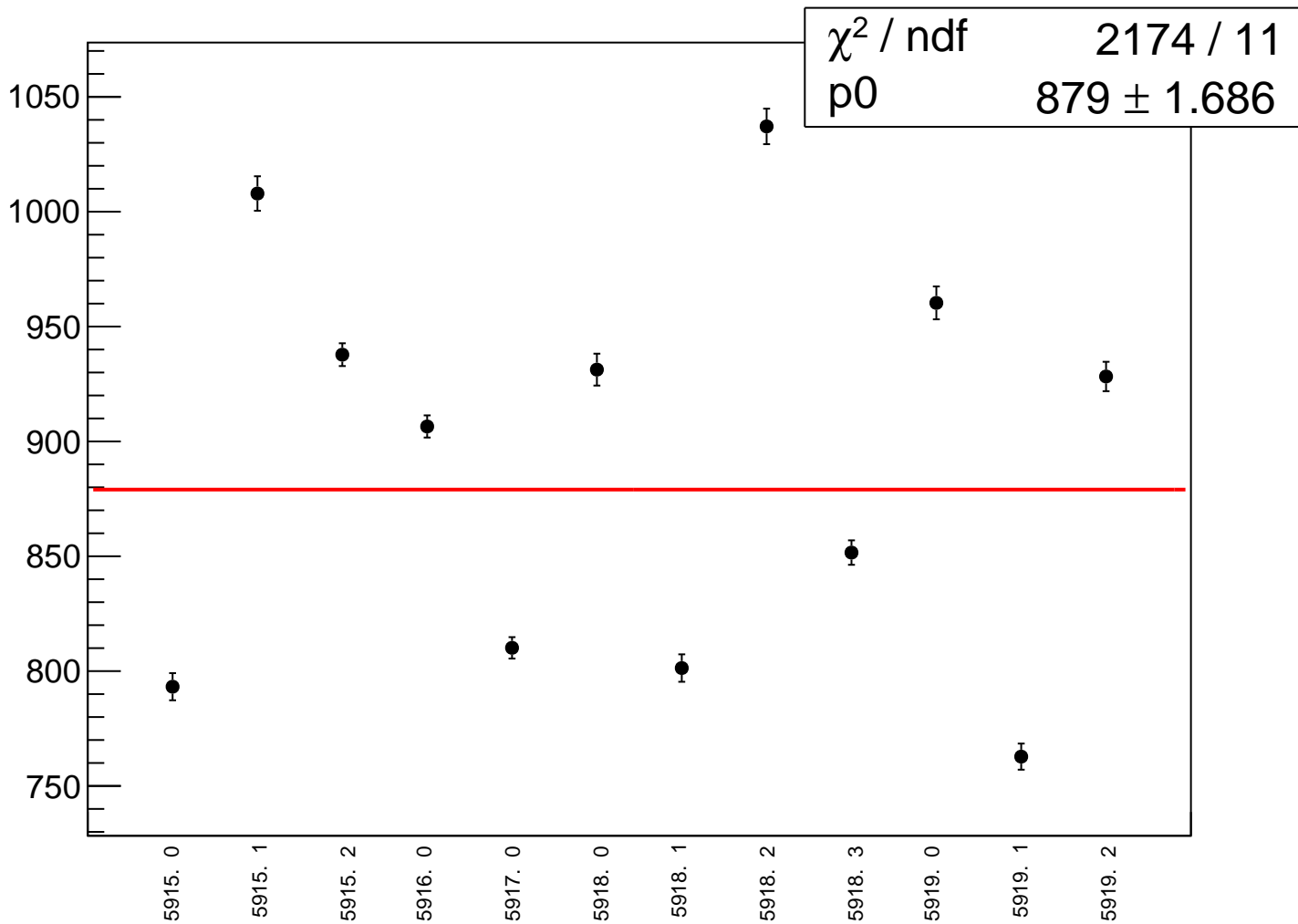
# dit\_asym\_atl\_dd\_atr\_dd\_dd\_rms vs run



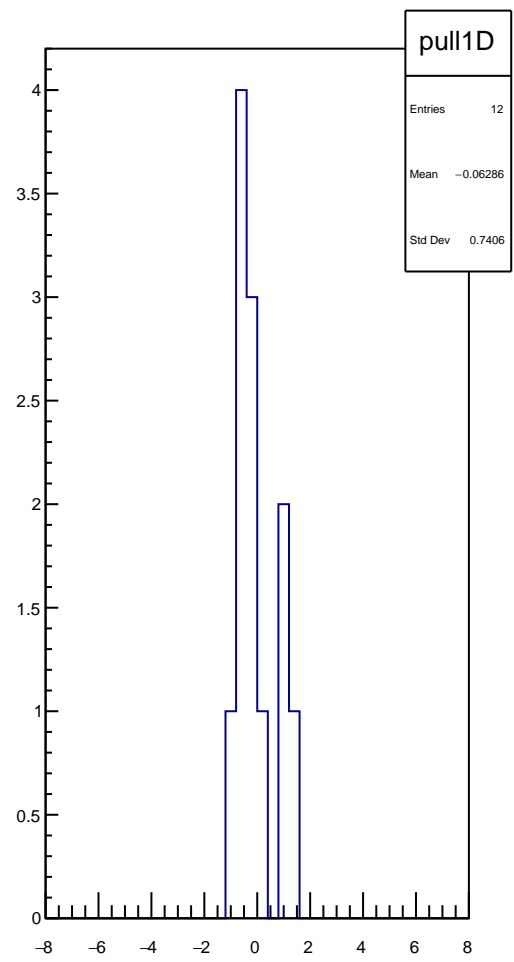
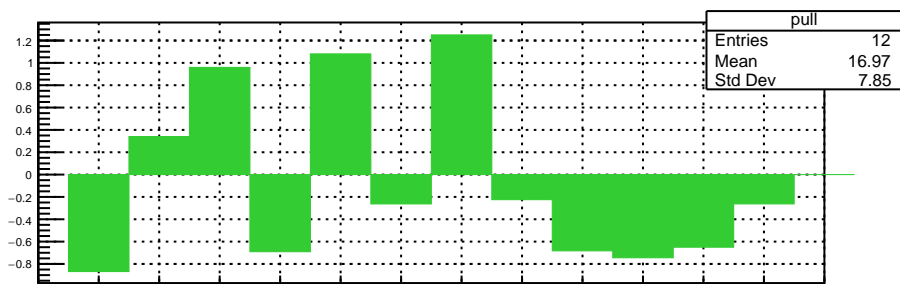
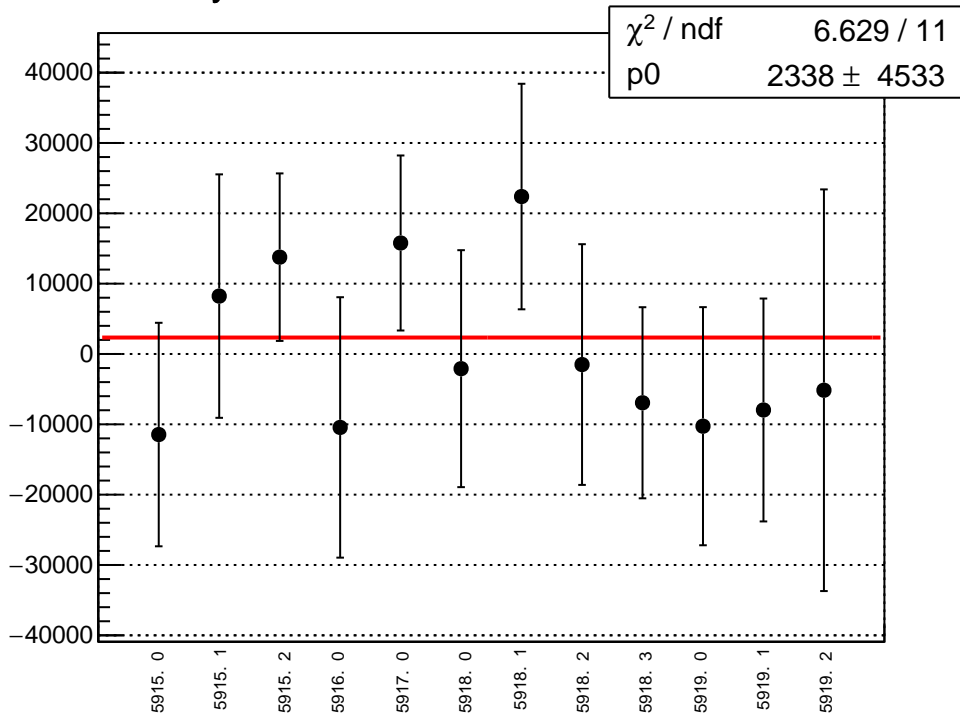
asym\_atl\_dd\_atr\_dd\_dd\_correction\_mean vs run



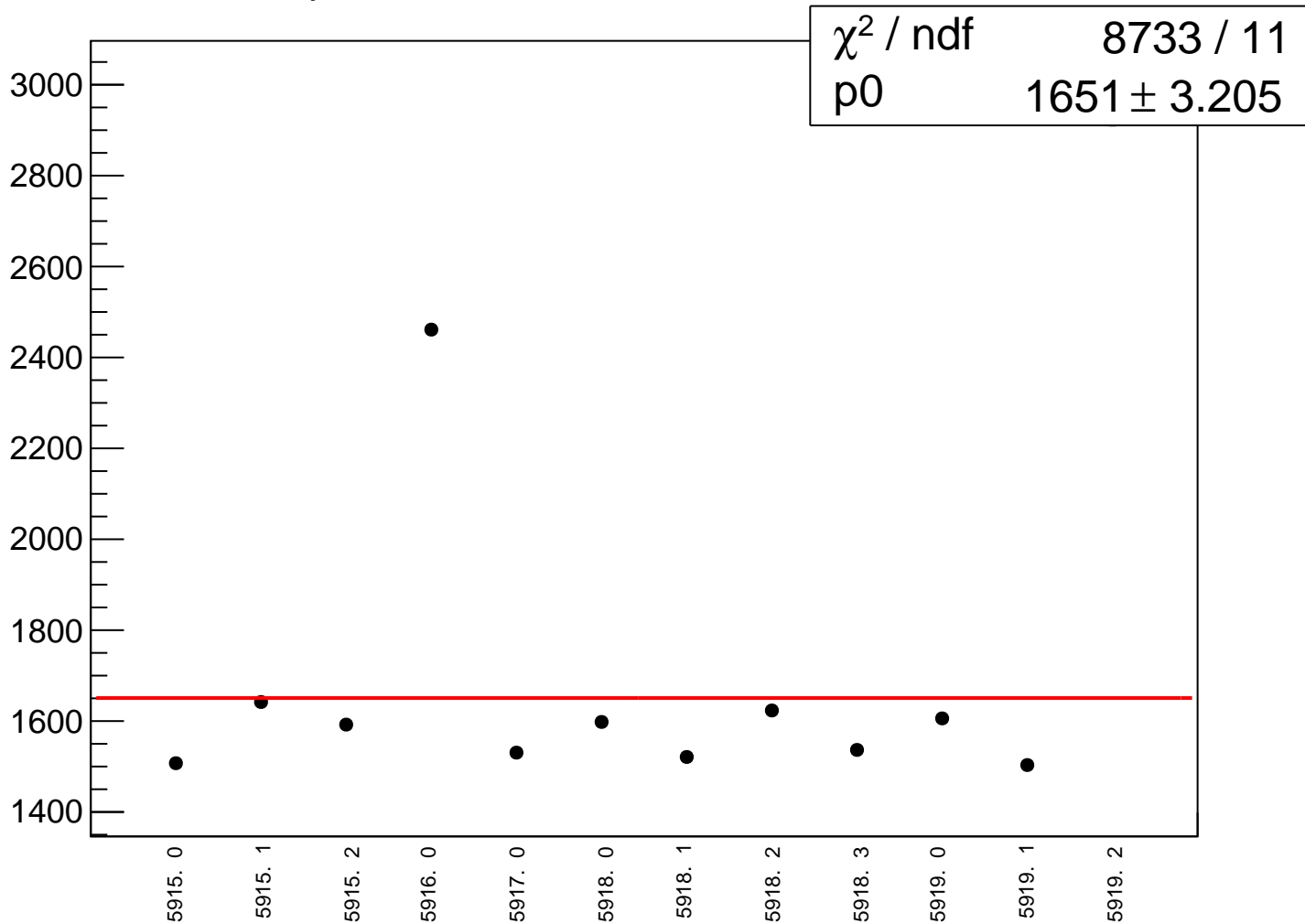
asym\_atl\_dd\_atr\_dd\_dd\_correction\_rms vs run



# asym\_atl\_dd\_atr\_dd\_dd\_mean vs run

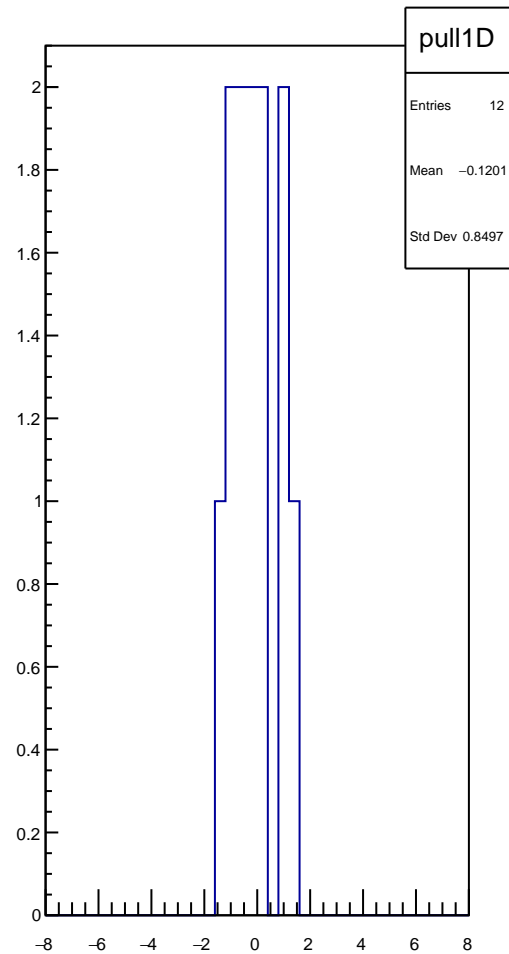
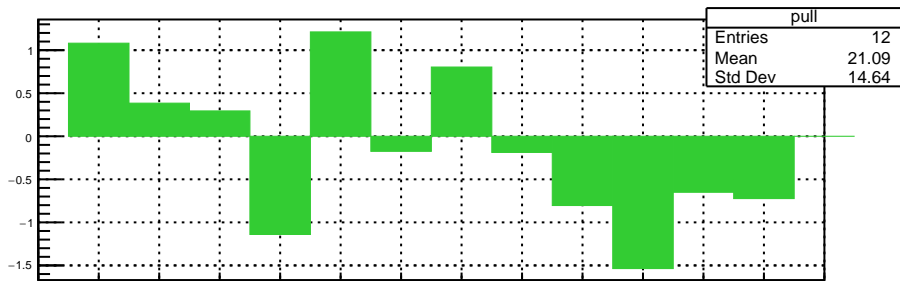
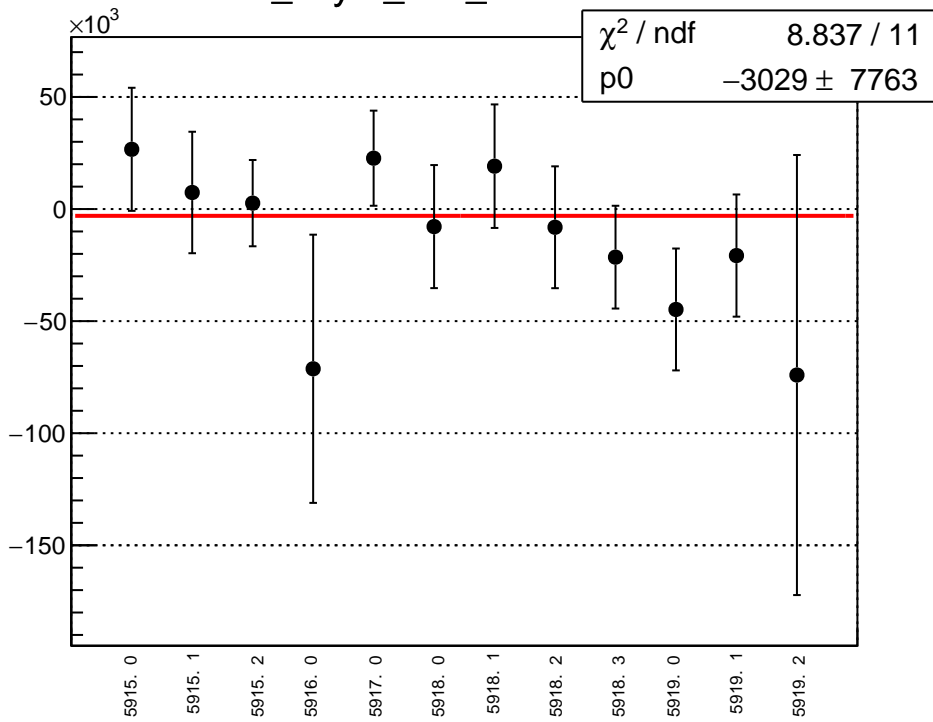


# asym\_atl\_dd\_atr\_dd\_dd\_rms vs run

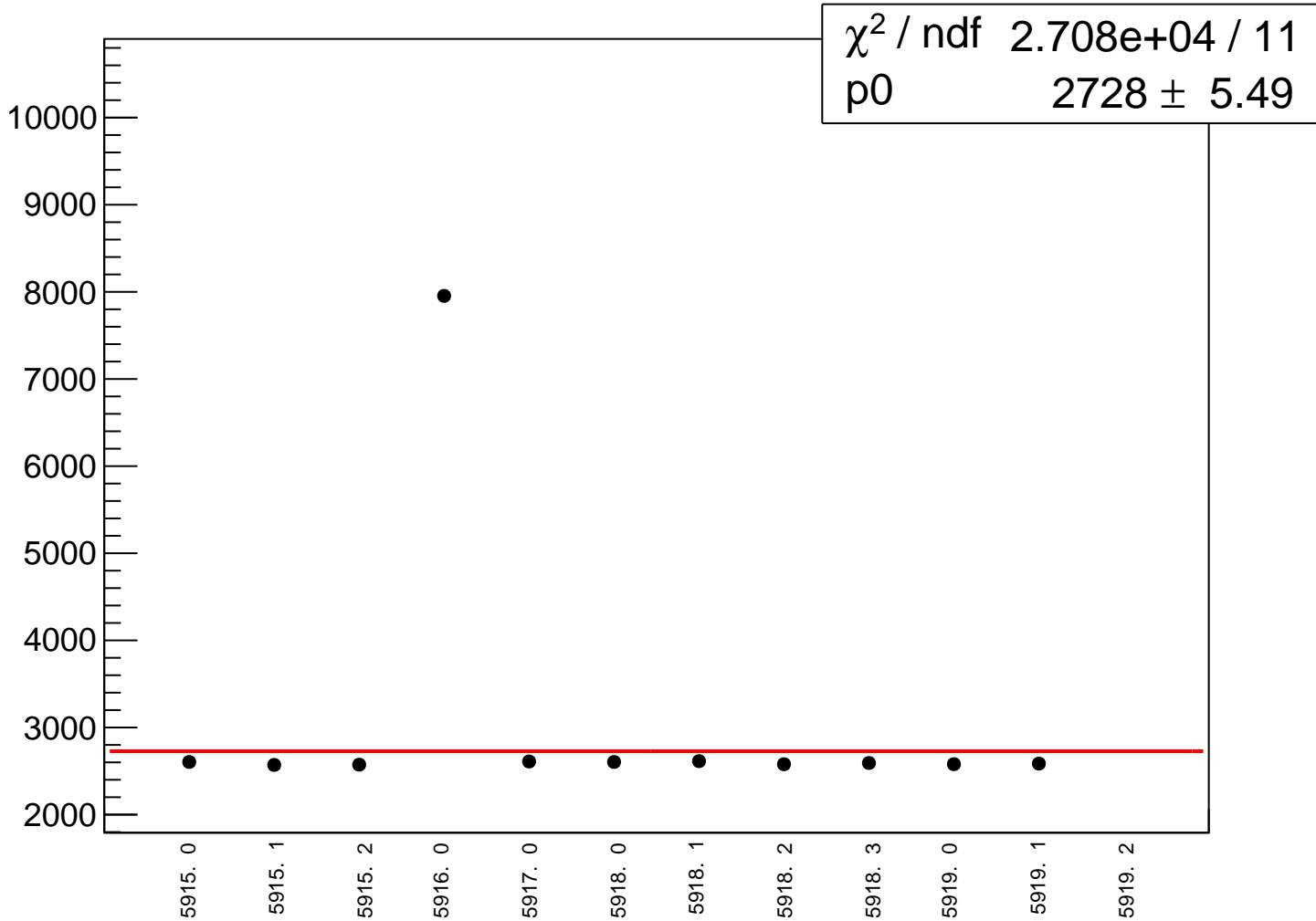




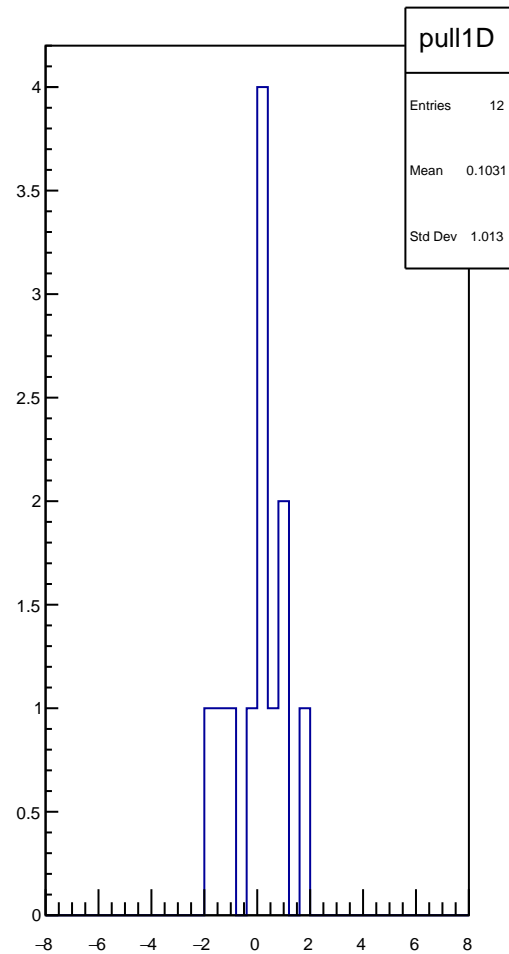
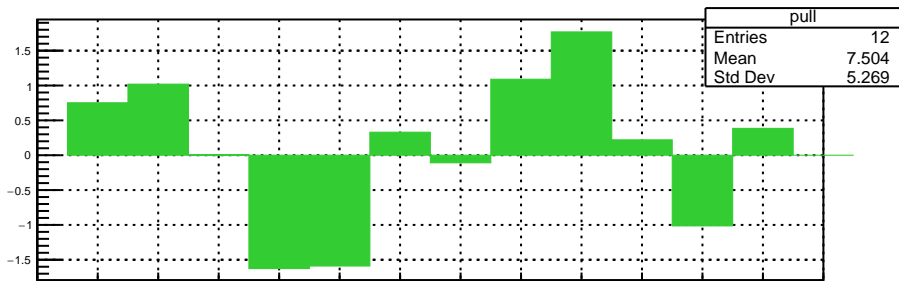
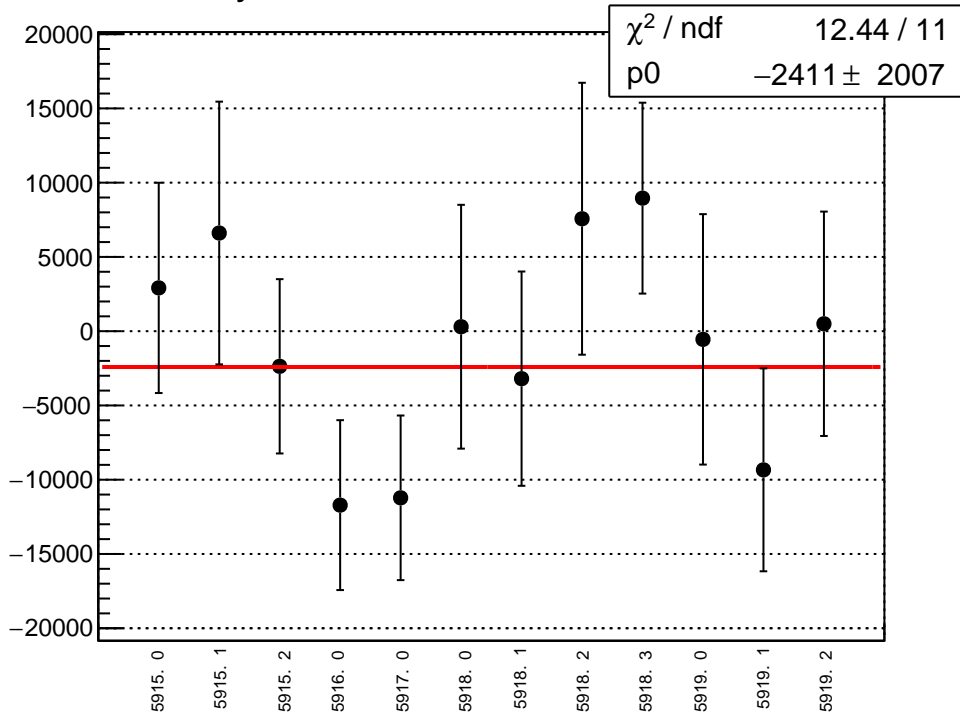
# dit\_asym\_atl1\_mean vs run



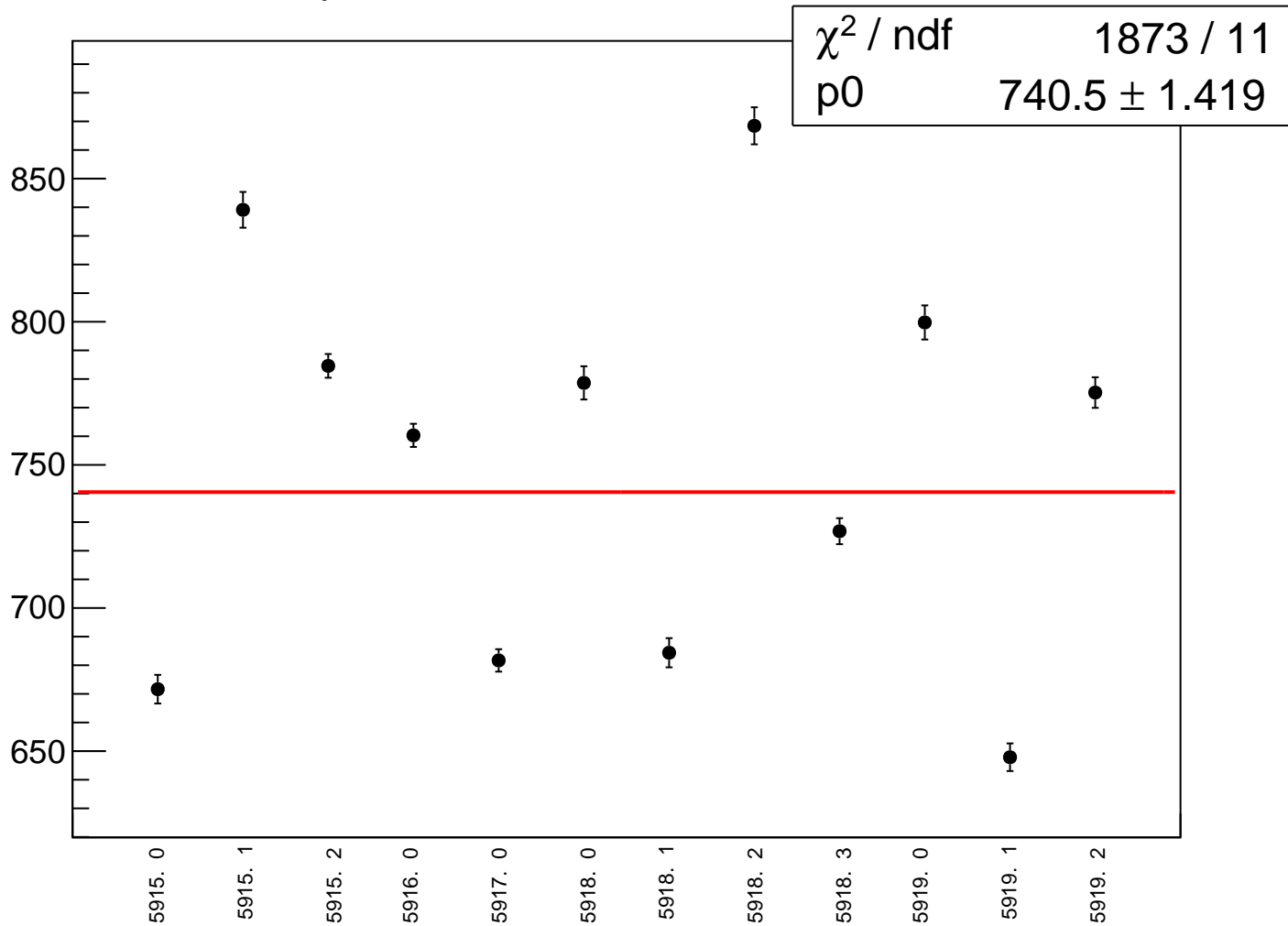
# dit\_asym\_atl1\_rms vs run



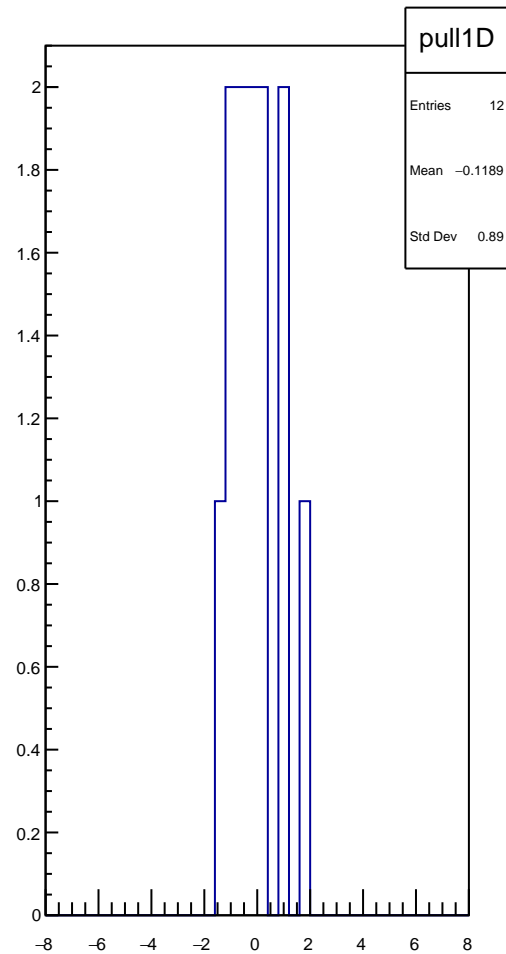
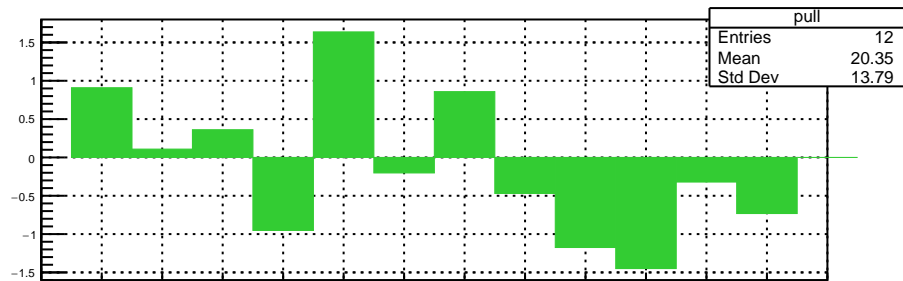
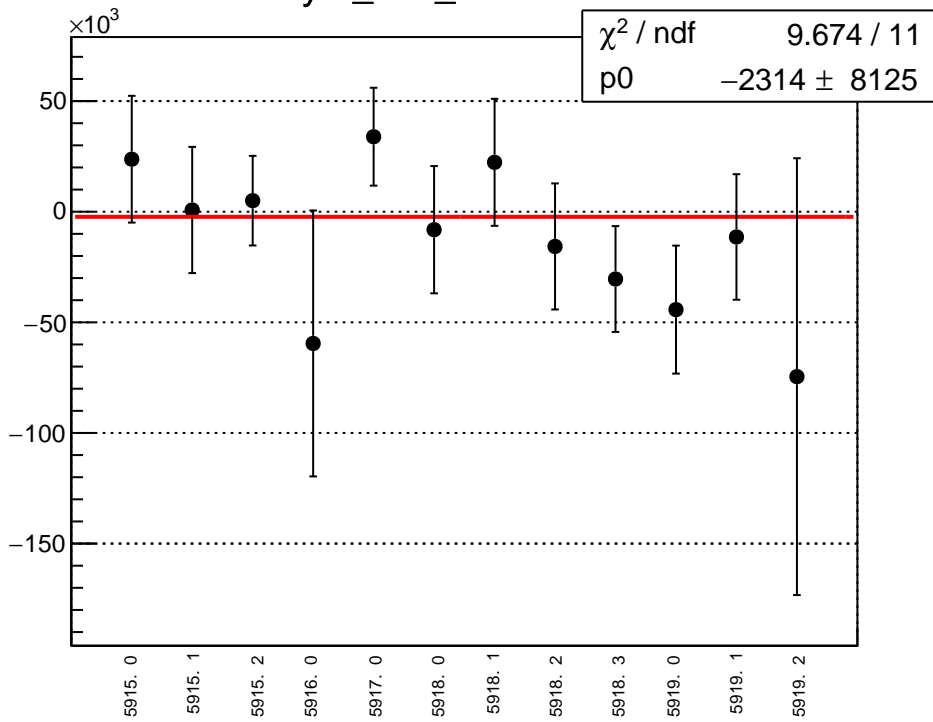
# asym\_atl1\_correction\_mean vs run



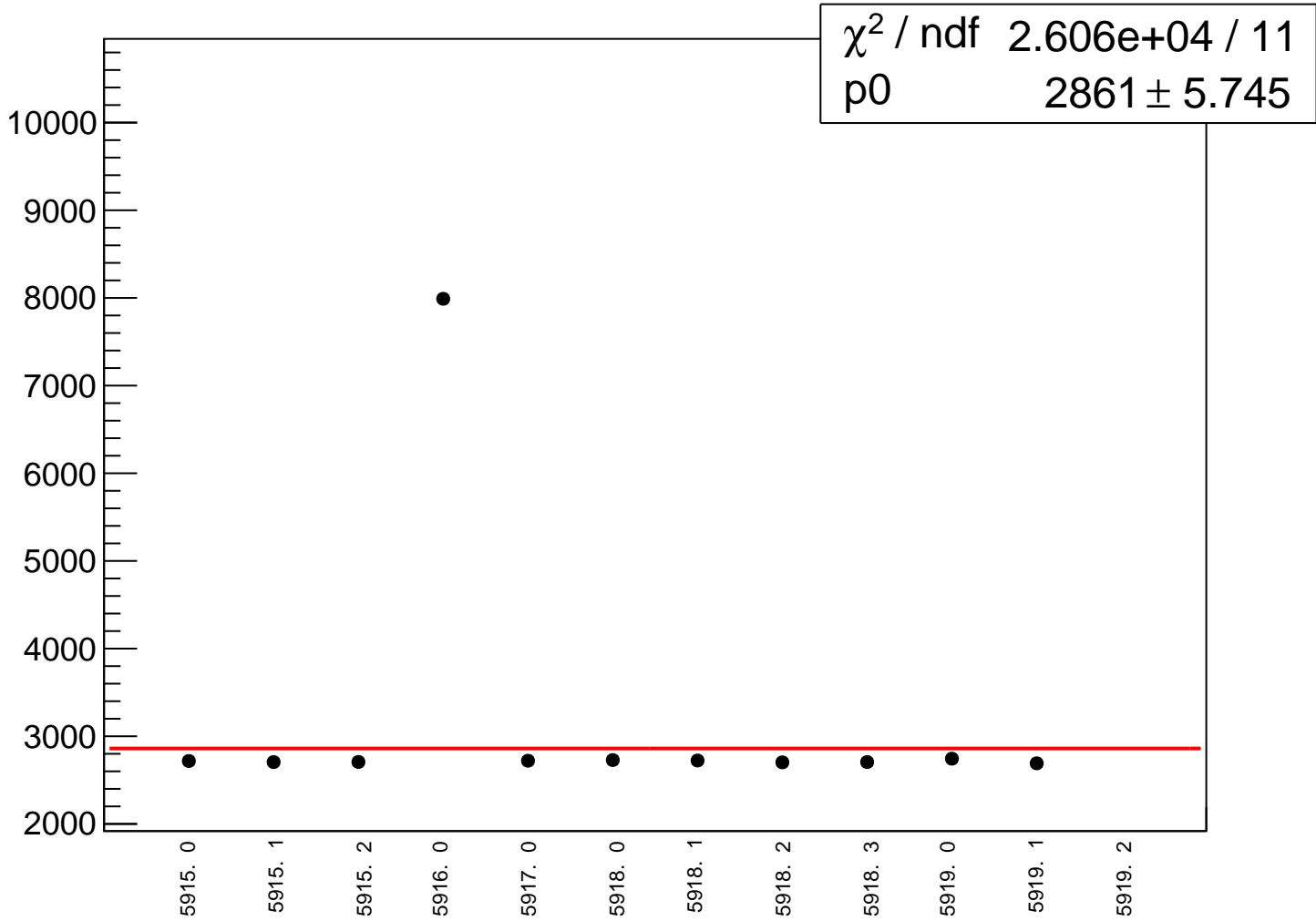
# asym\_atl1\_correction\_rms vs run



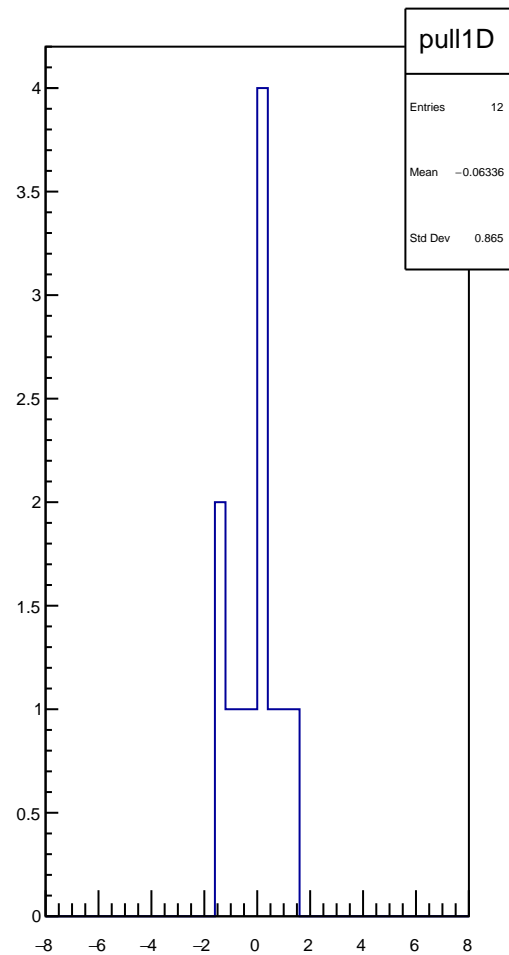
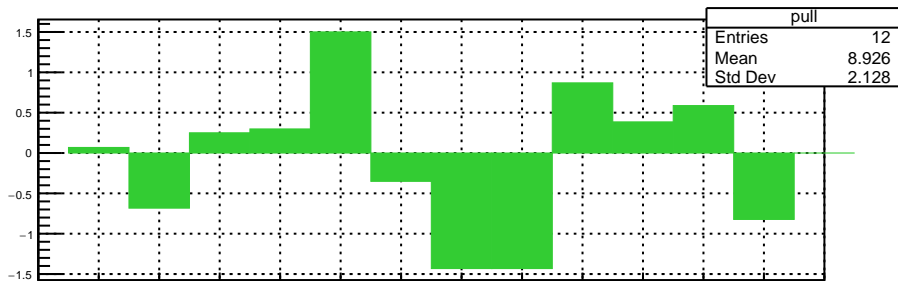
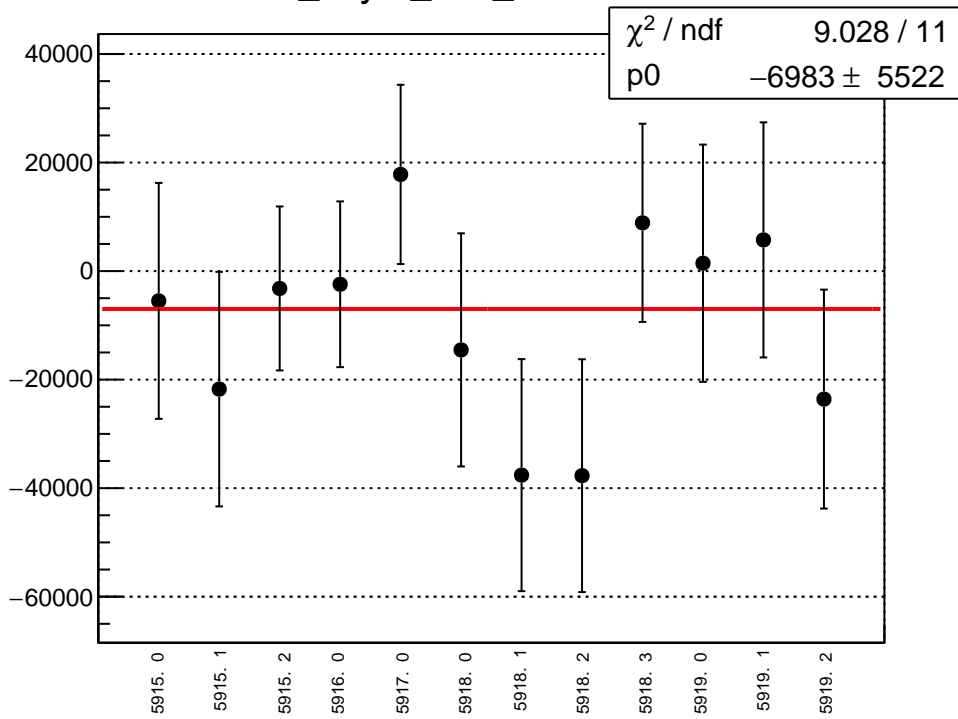
# asym\_atl1\_mean vs run



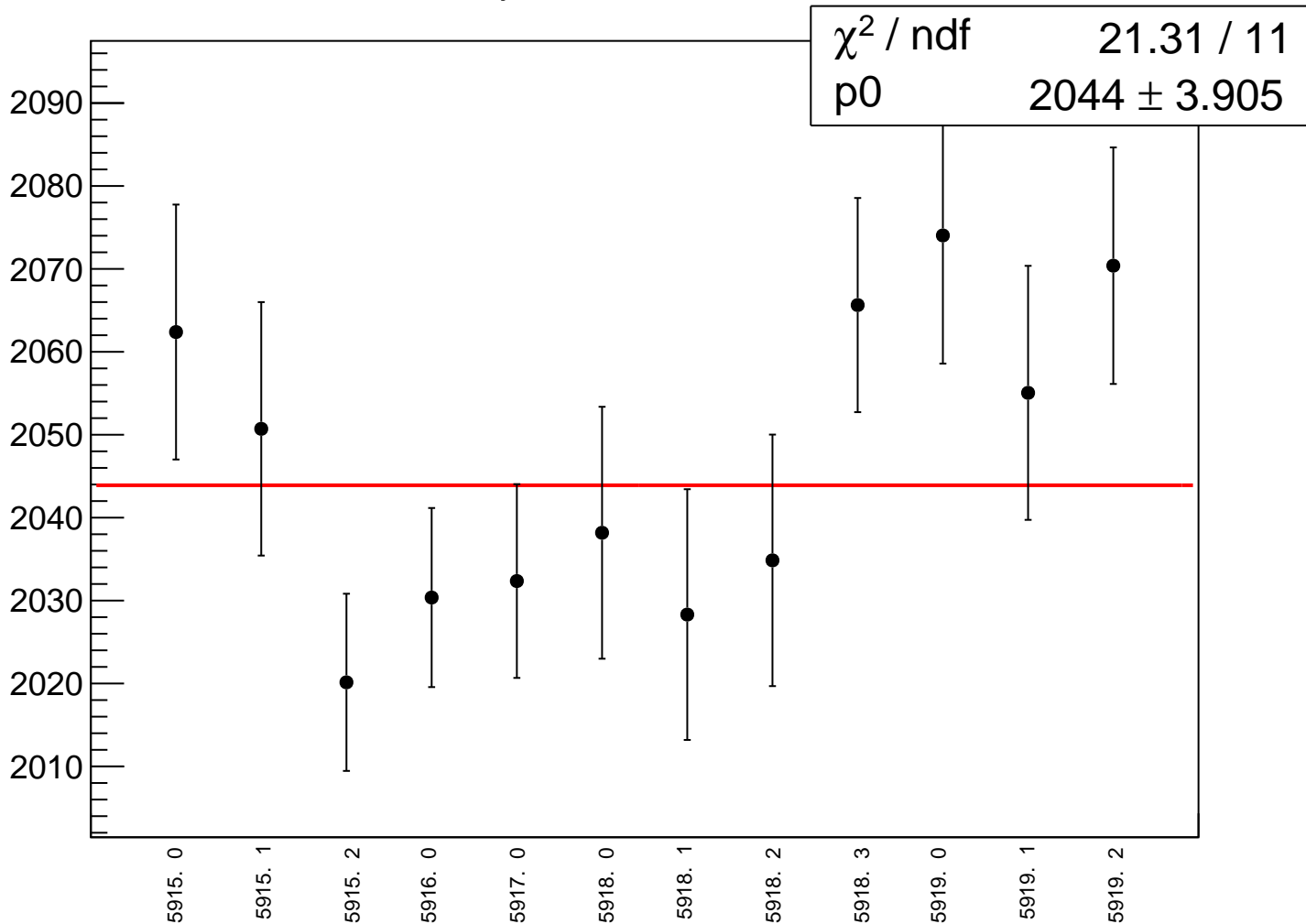
# asym\_atl1\_rms vs run



# dit\_asym\_atl2\_mean vs run

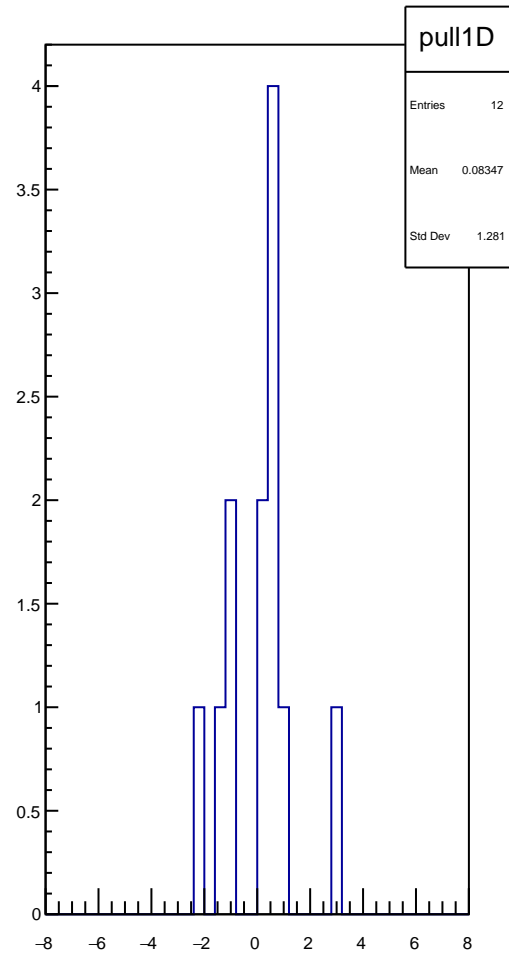
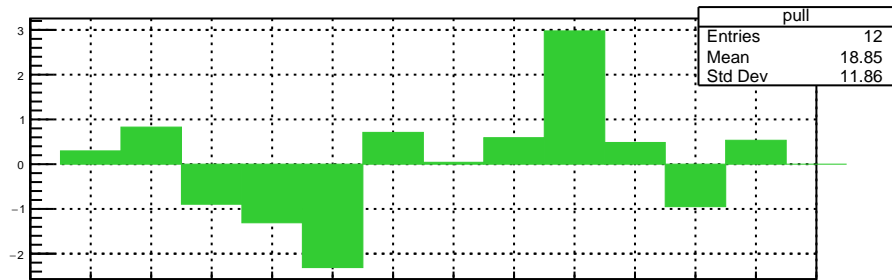
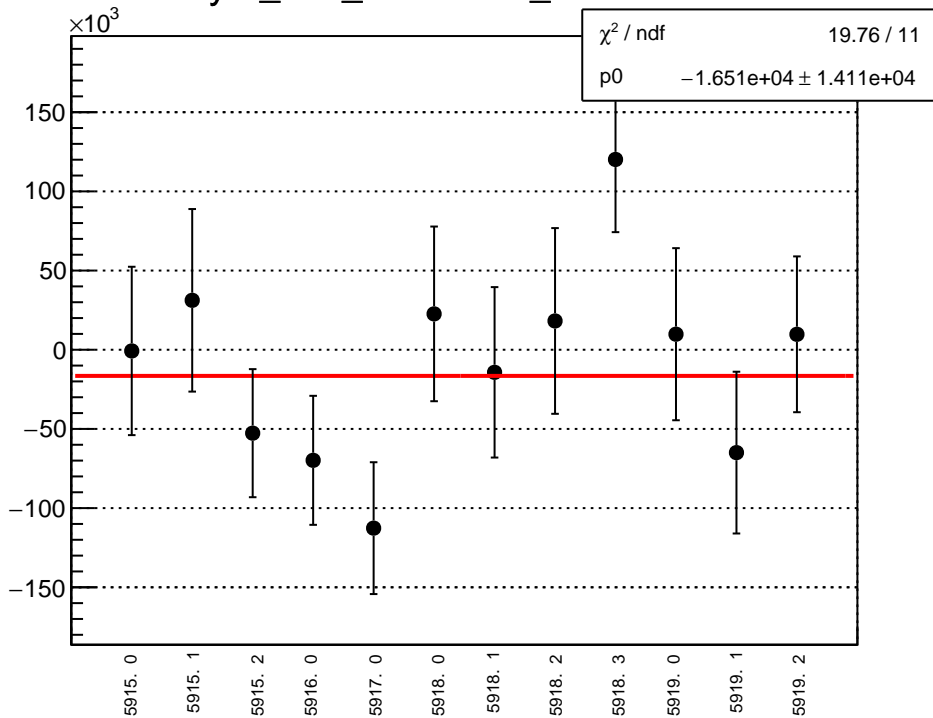


# dit\_asym\_atl2\_rms vs run

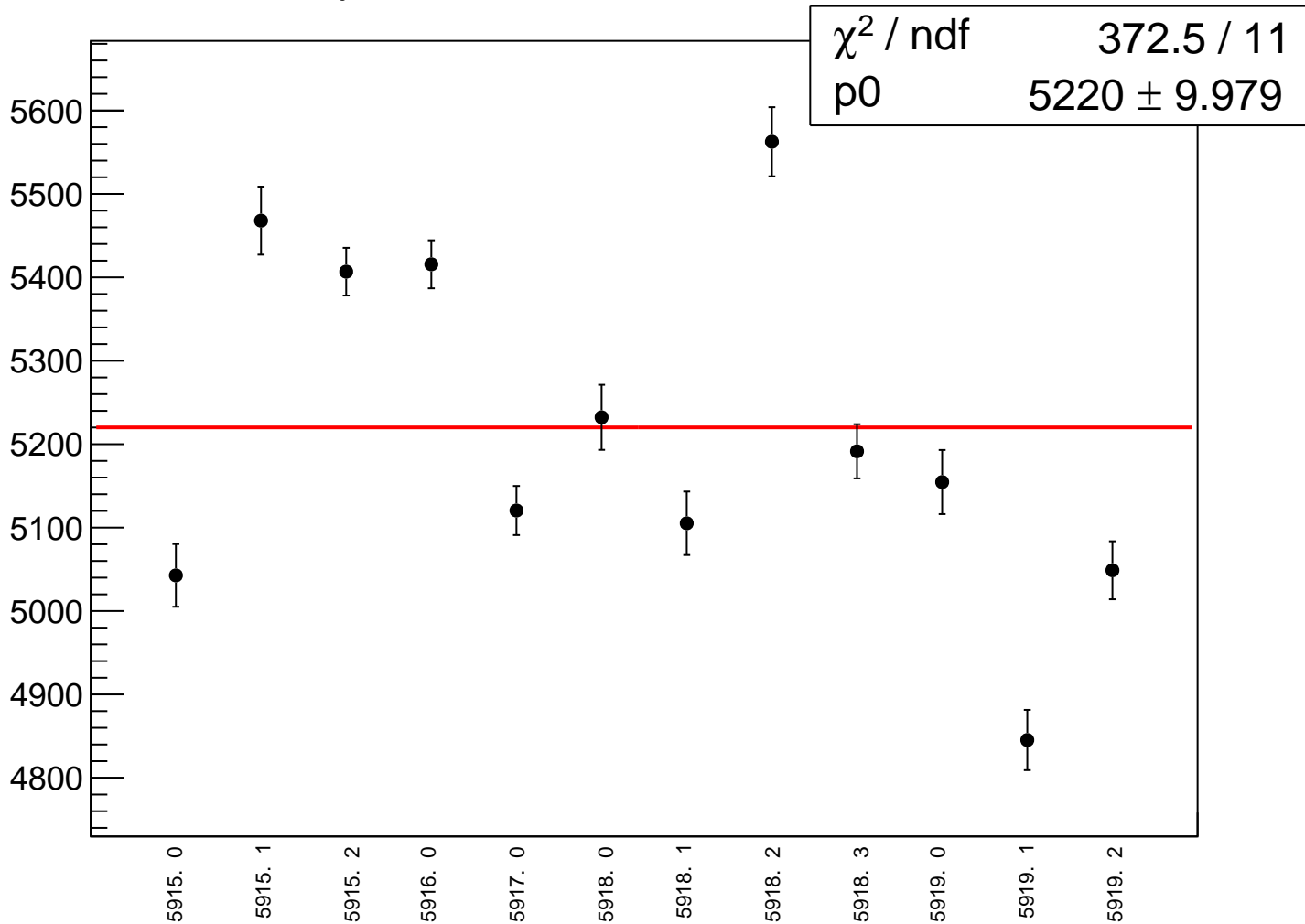




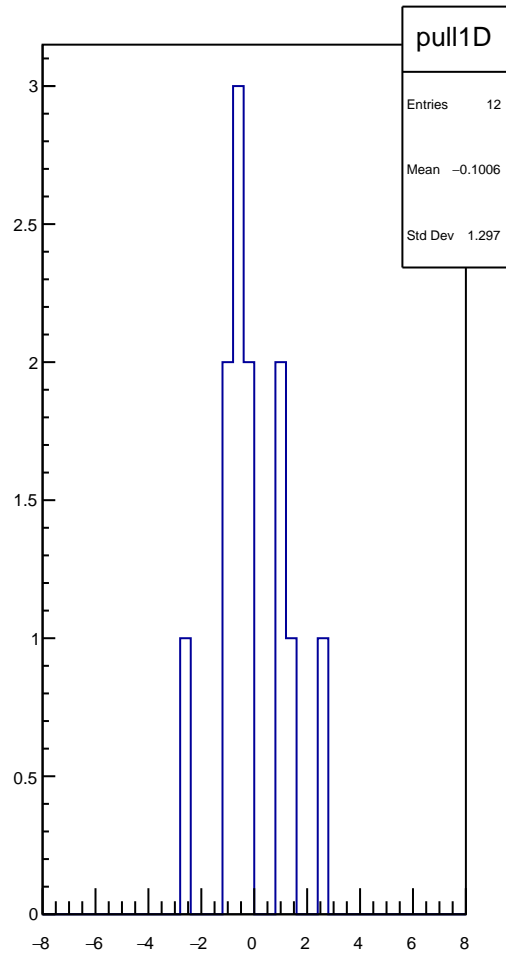
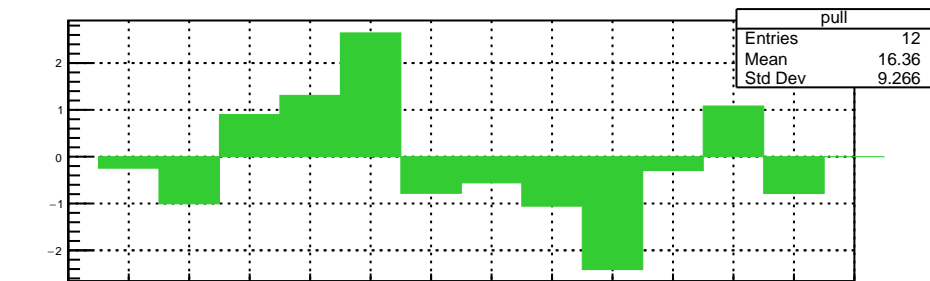
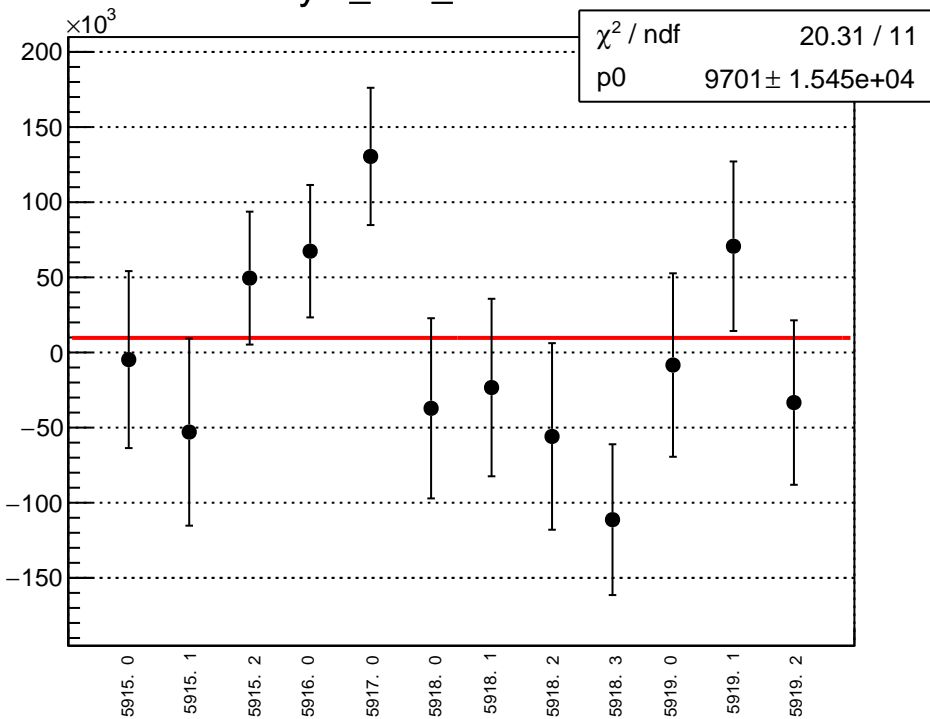
# asym\_atl2\_correction\_mean vs run



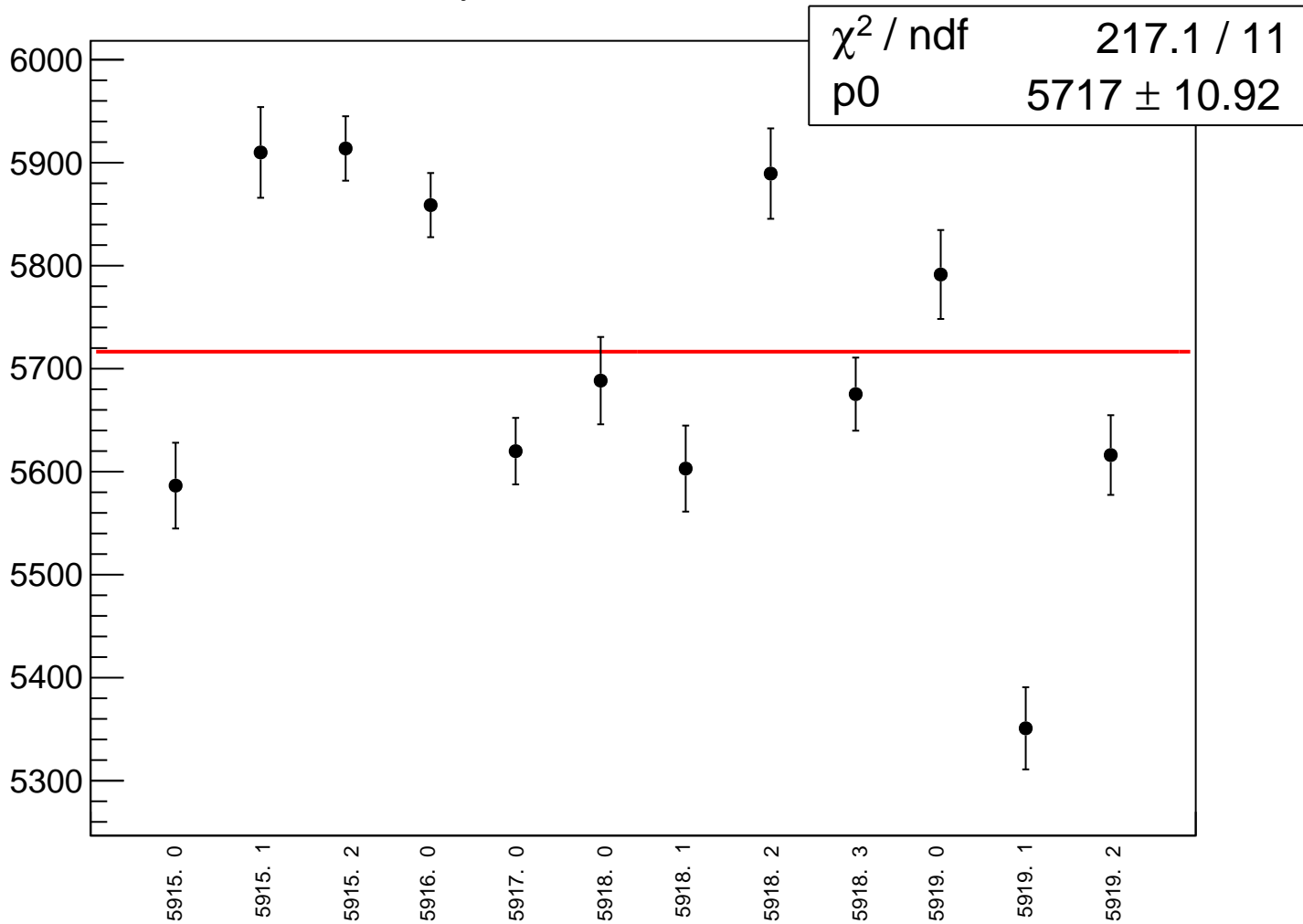
# asym\_atl2\_correction\_rms vs run



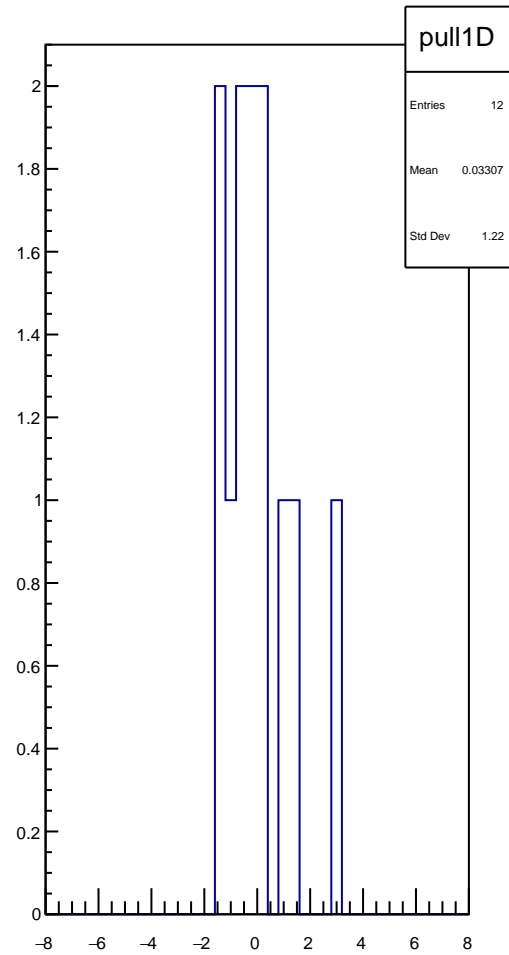
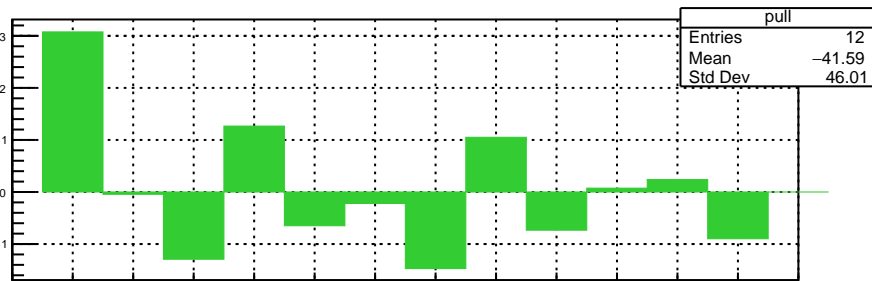
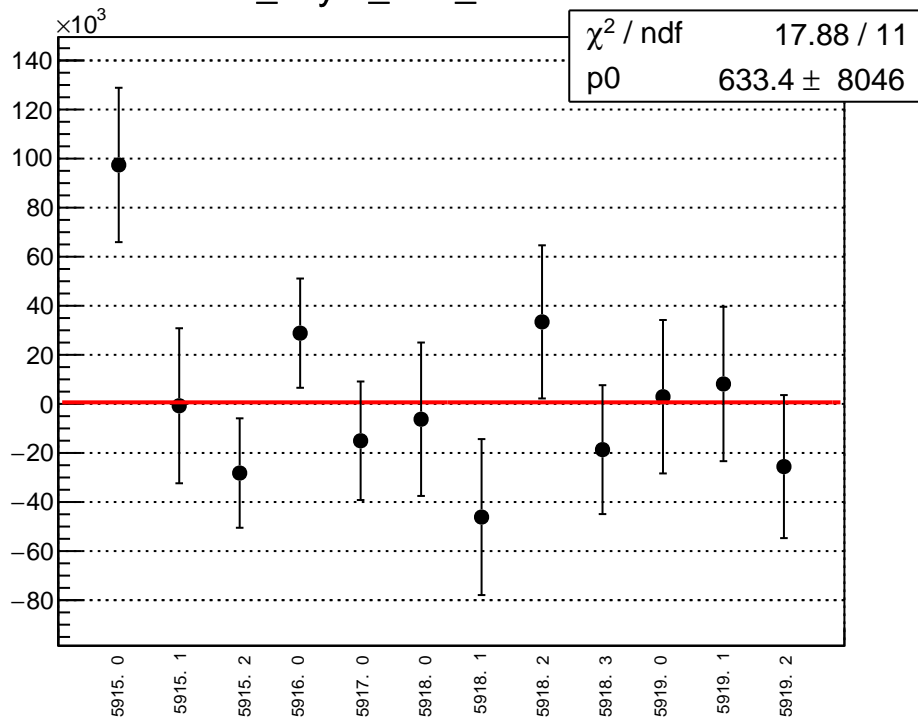
# asym\_atl2\_mean vs run



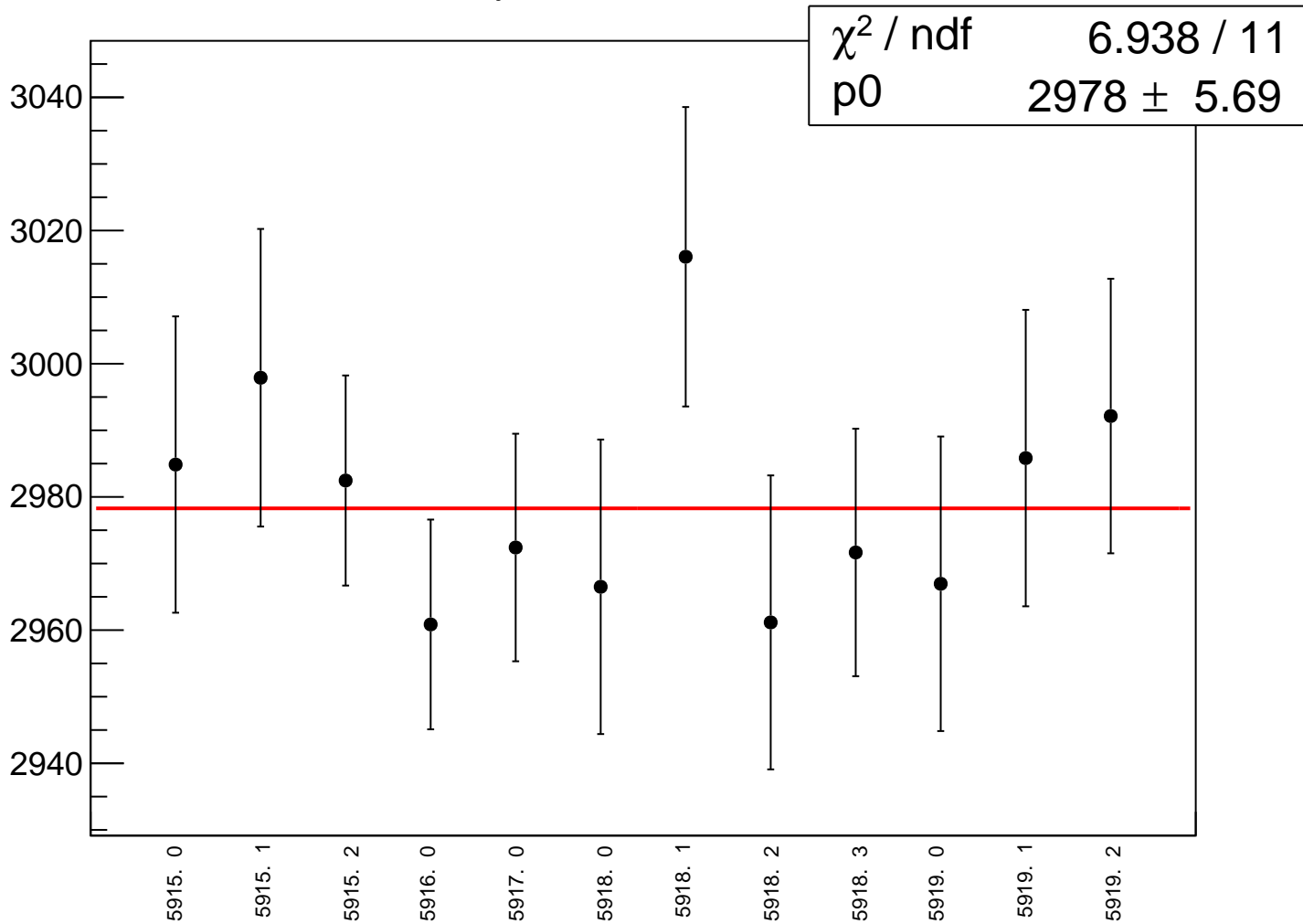
# asym\_atl2\_rms vs run



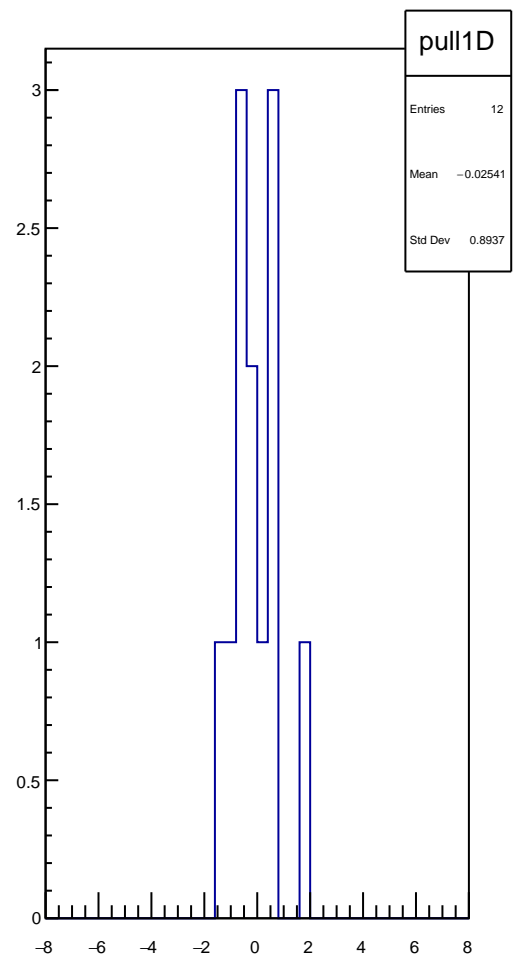
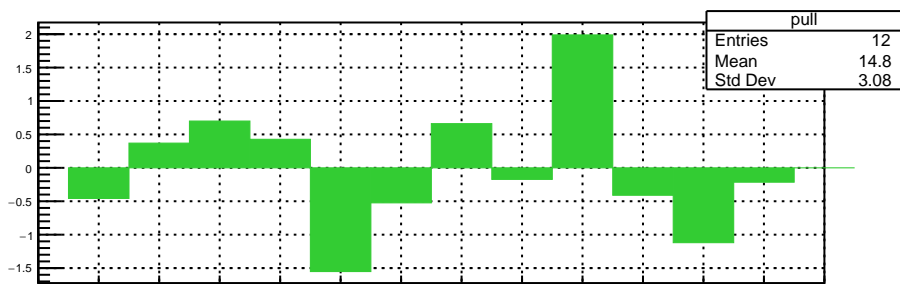
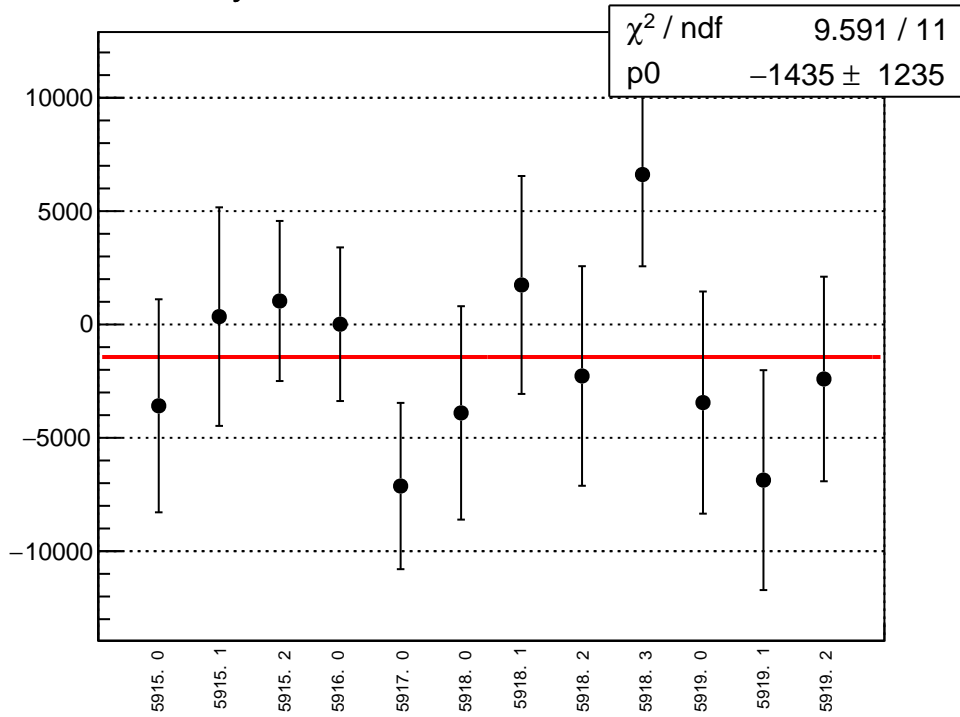
# dit\_asym\_atr1\_mean vs run



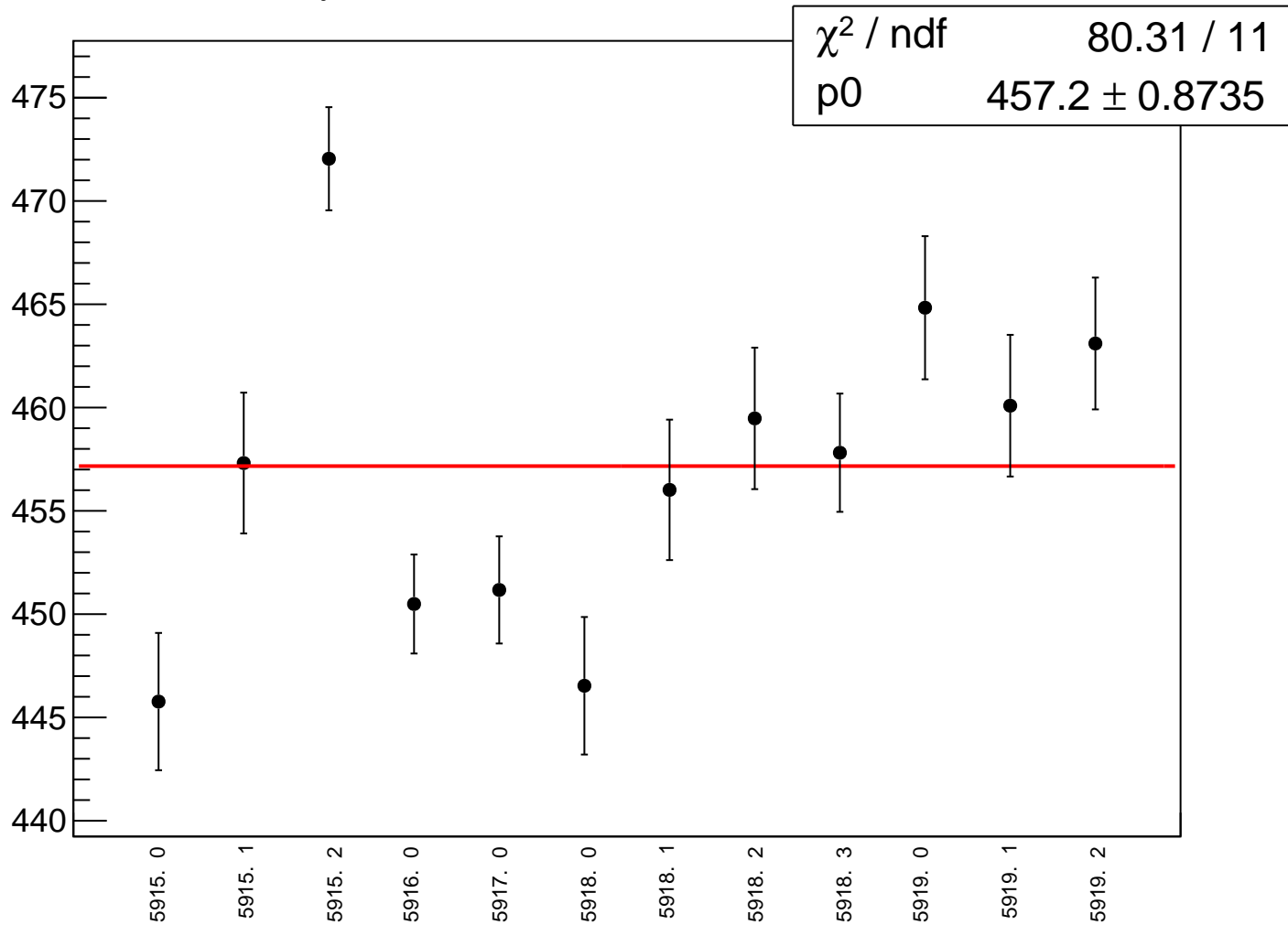
# dit\_asym\_atr1\_rms vs run



# asym\_atr1\_correction\_mean vs run

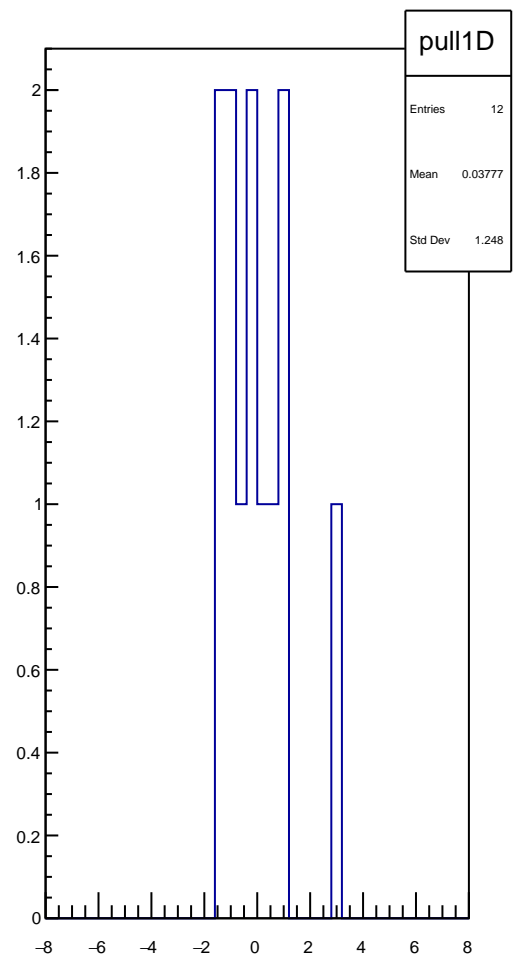
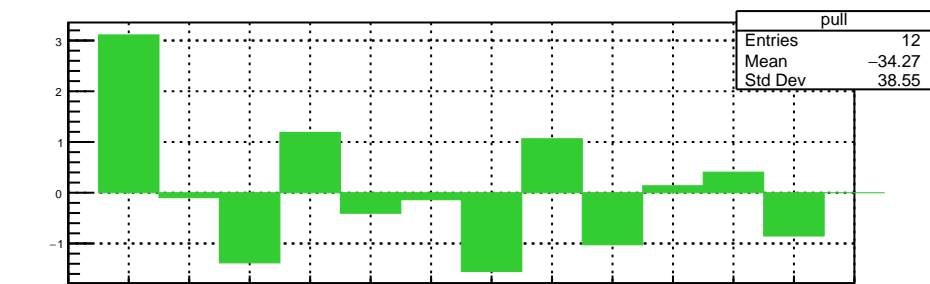
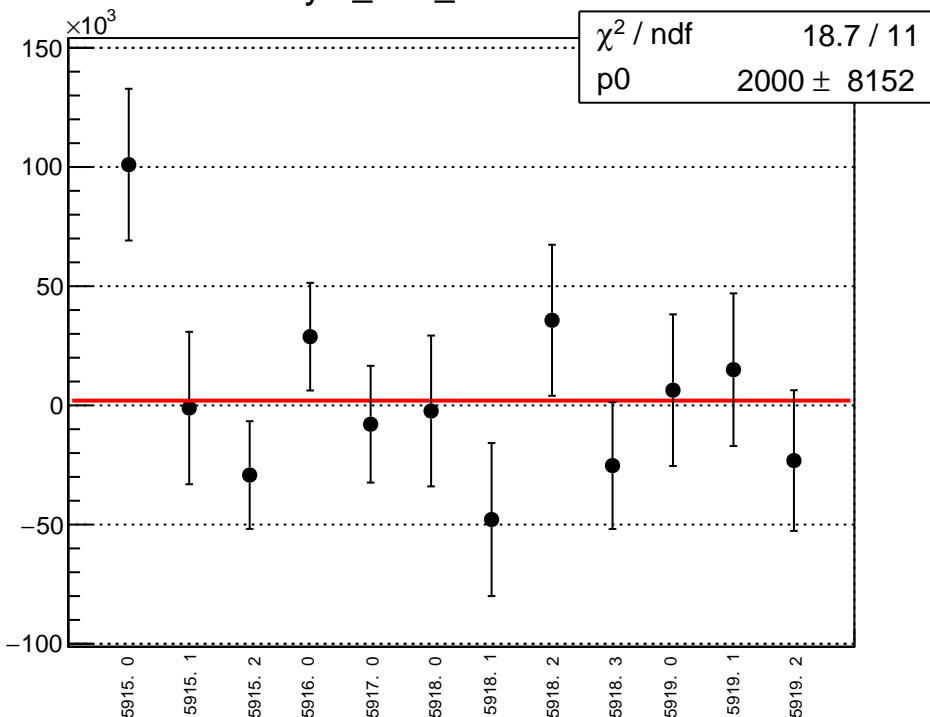


# asym\_atr1\_correction\_rms vs run

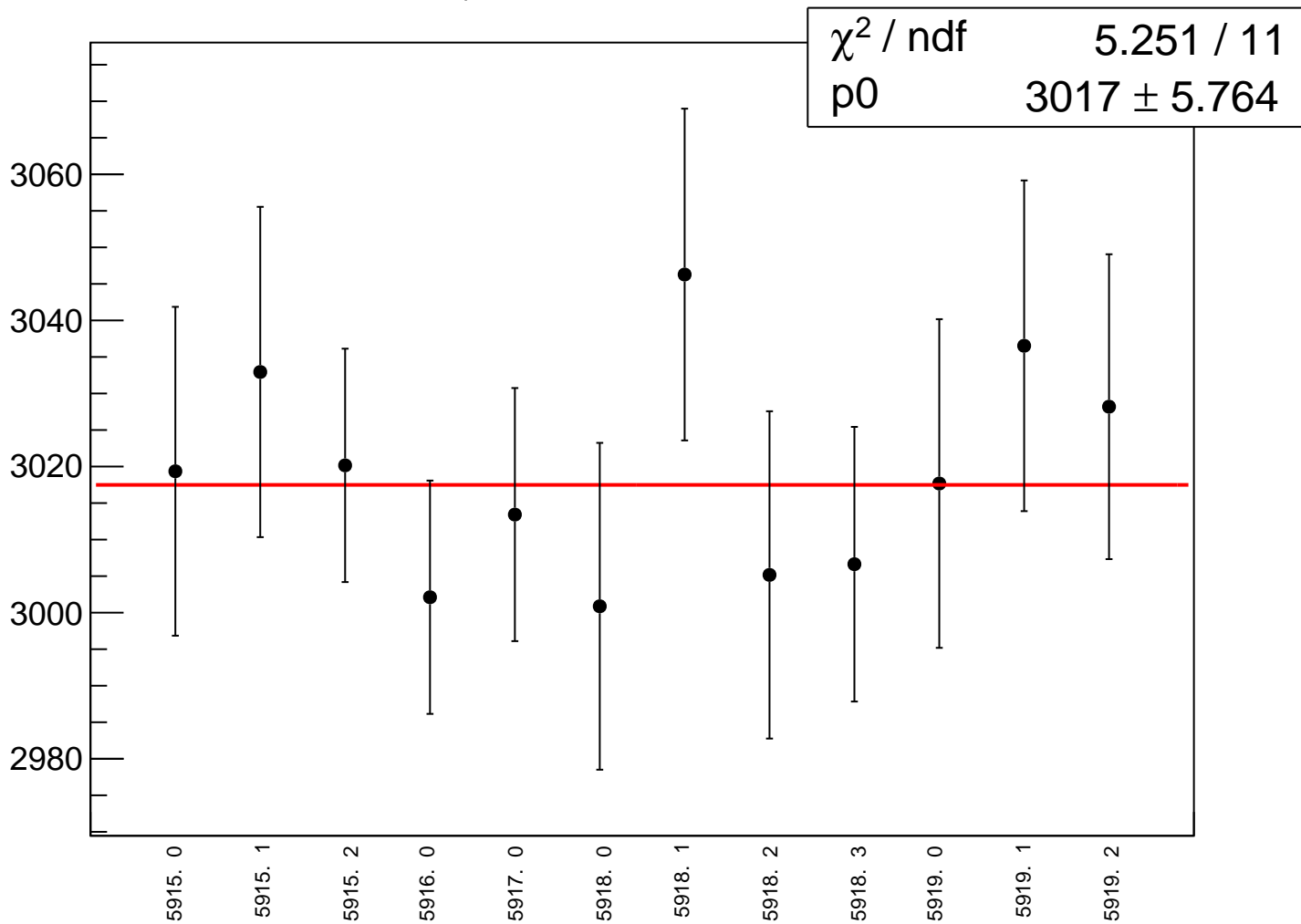




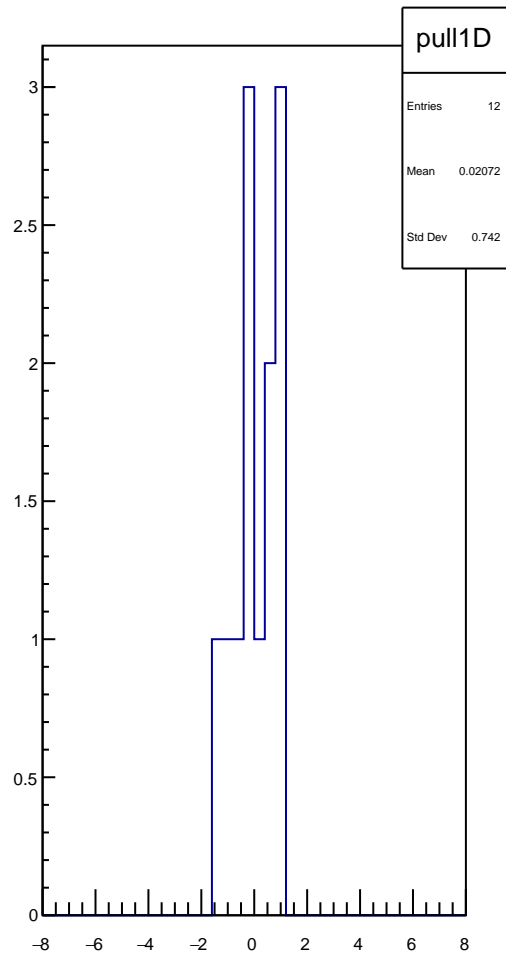
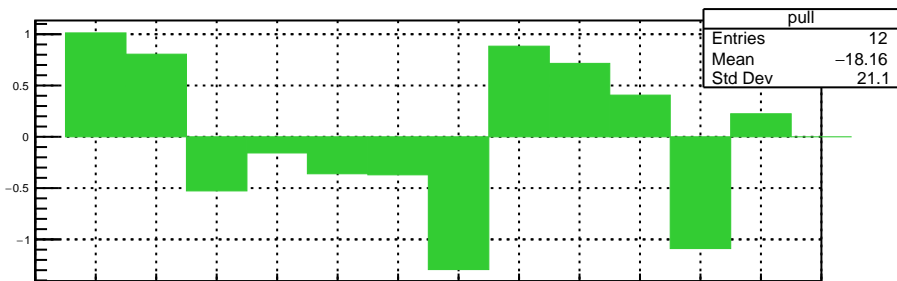
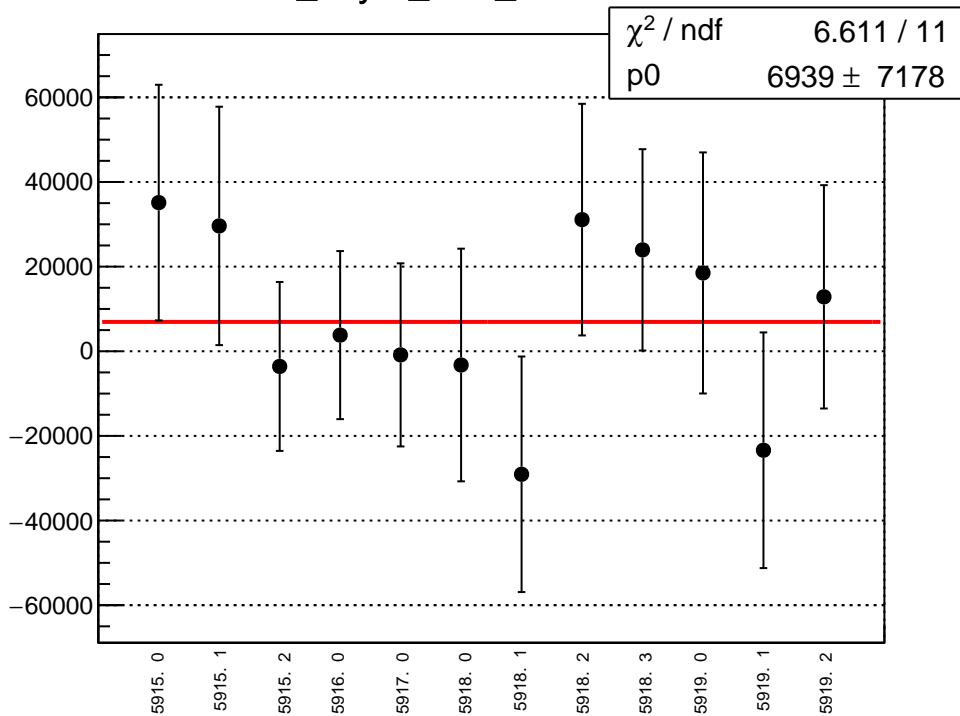
# asym\_atr1\_mean vs run



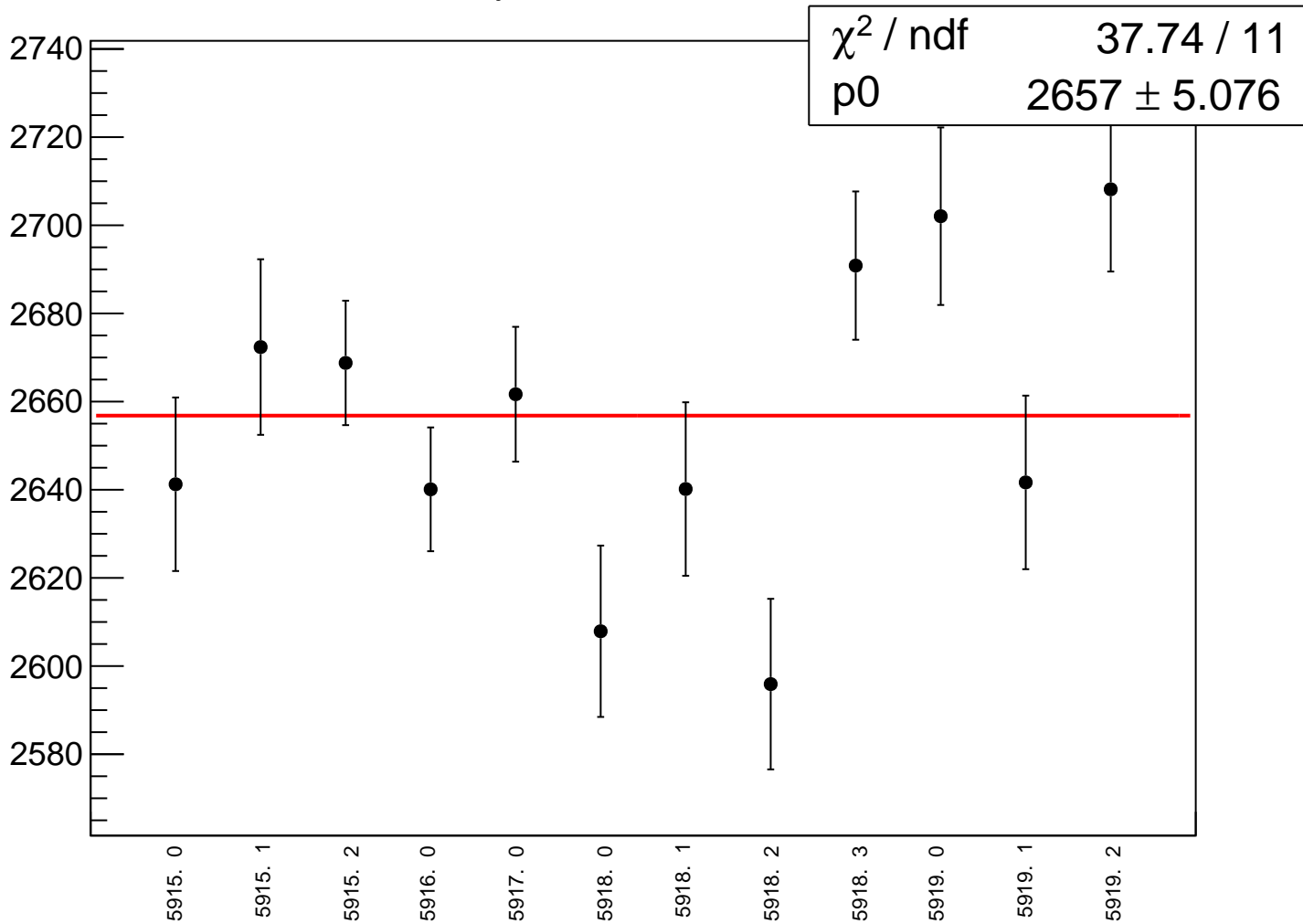
# asym\_atr1\_rms vs run



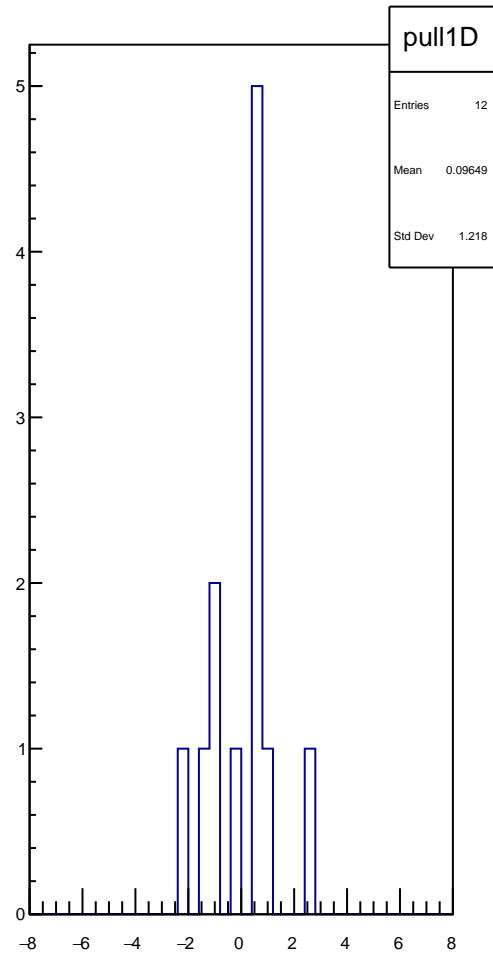
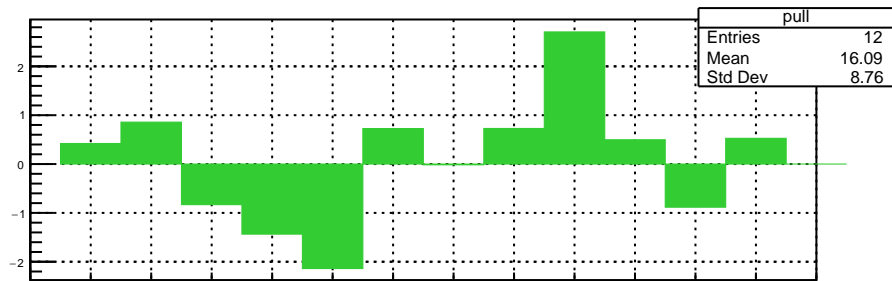
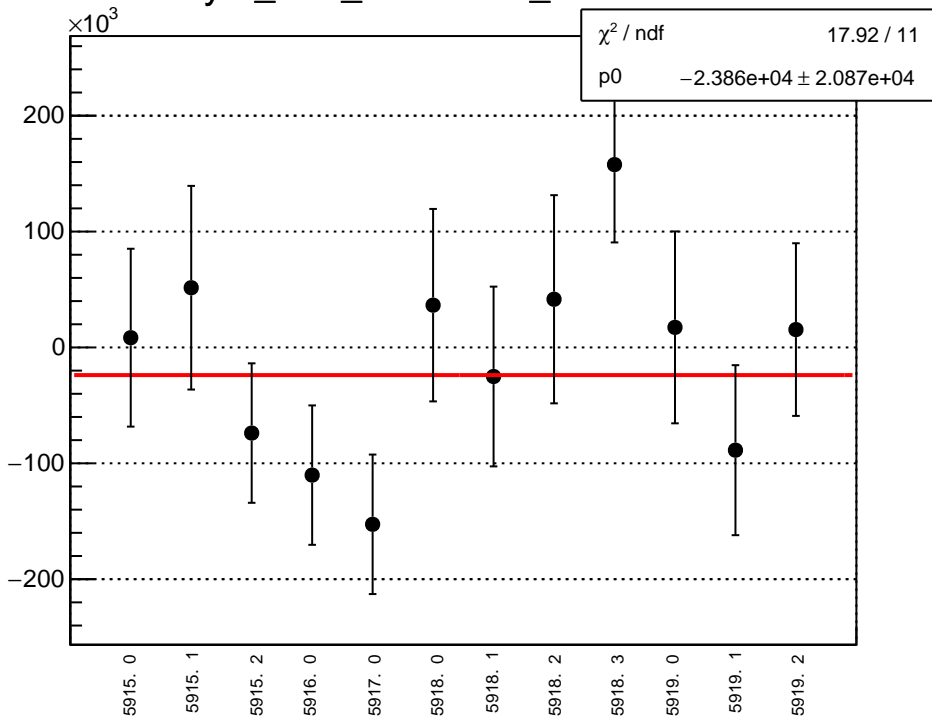
# dit\_asym\_atr2\_mean vs run



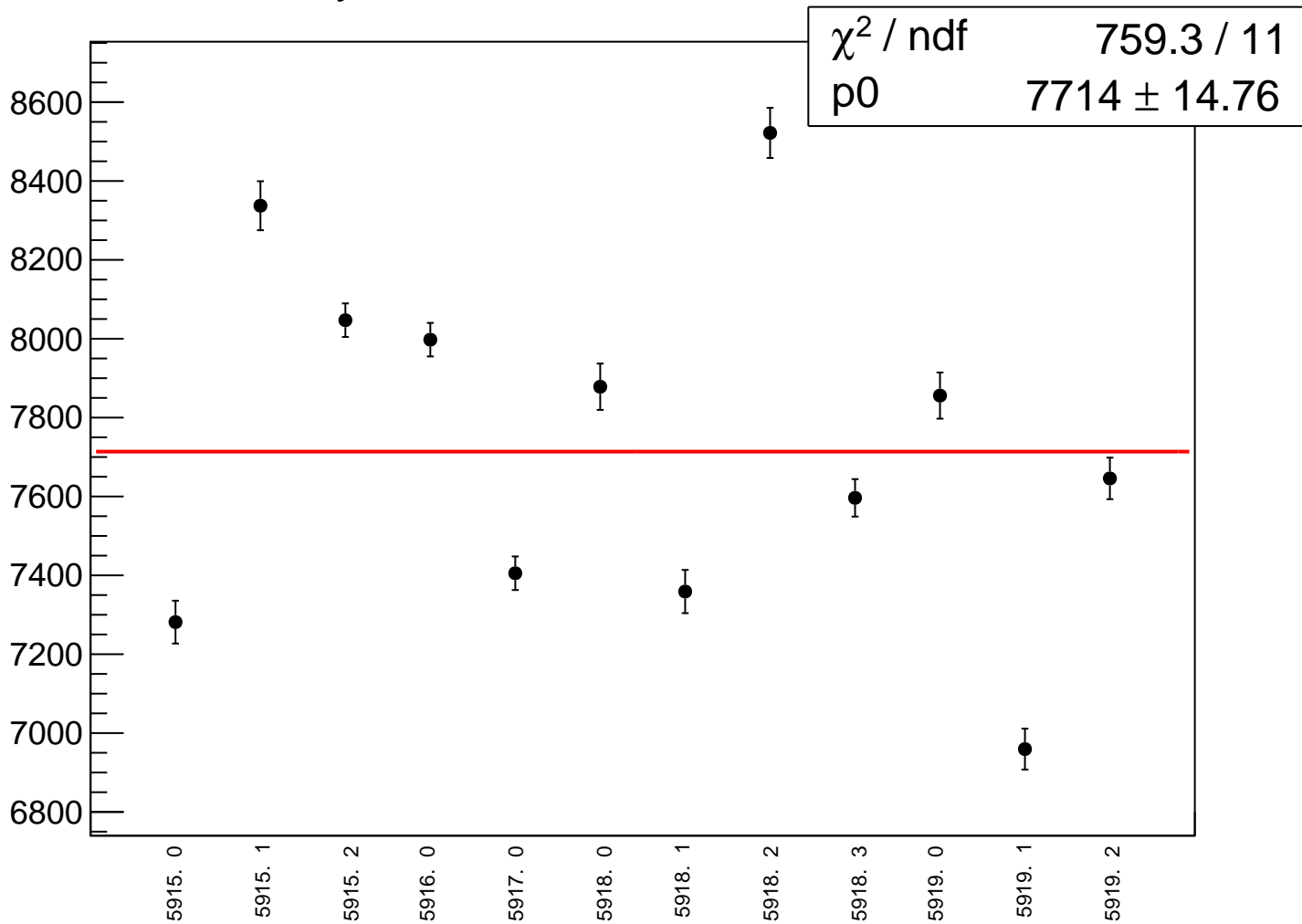
# dit\_asym\_atr2\_rms vs run



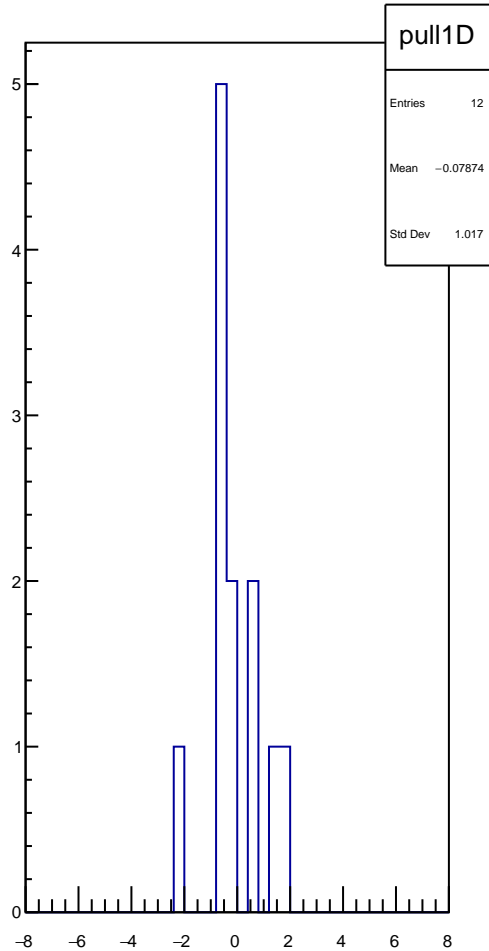
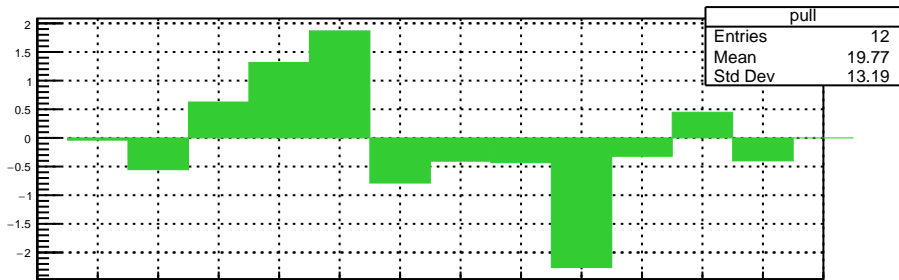
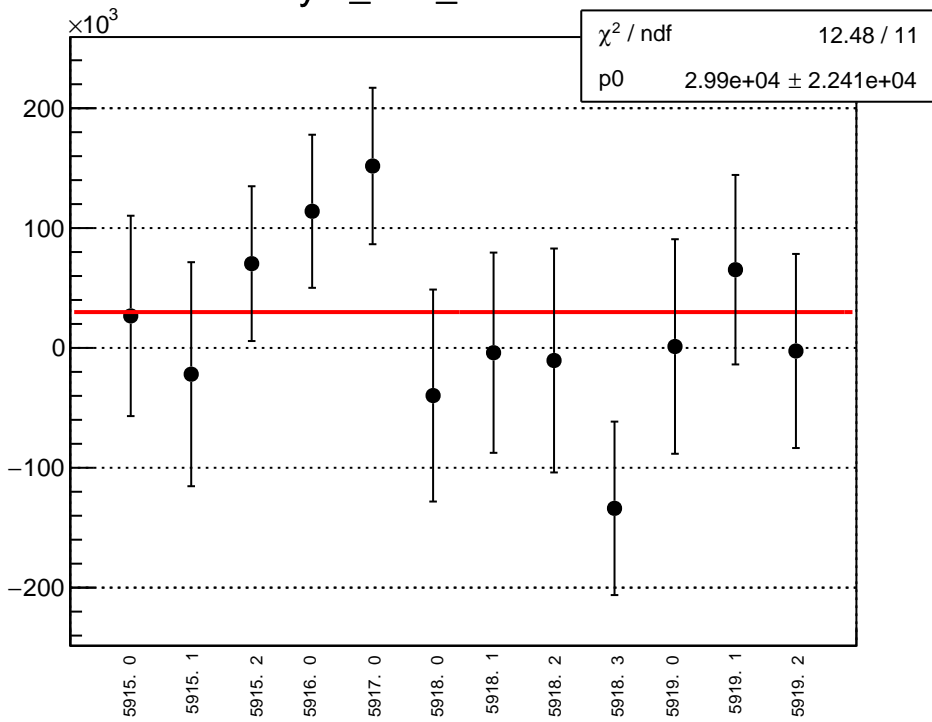
# asym\_atr2\_correction\_mean vs run



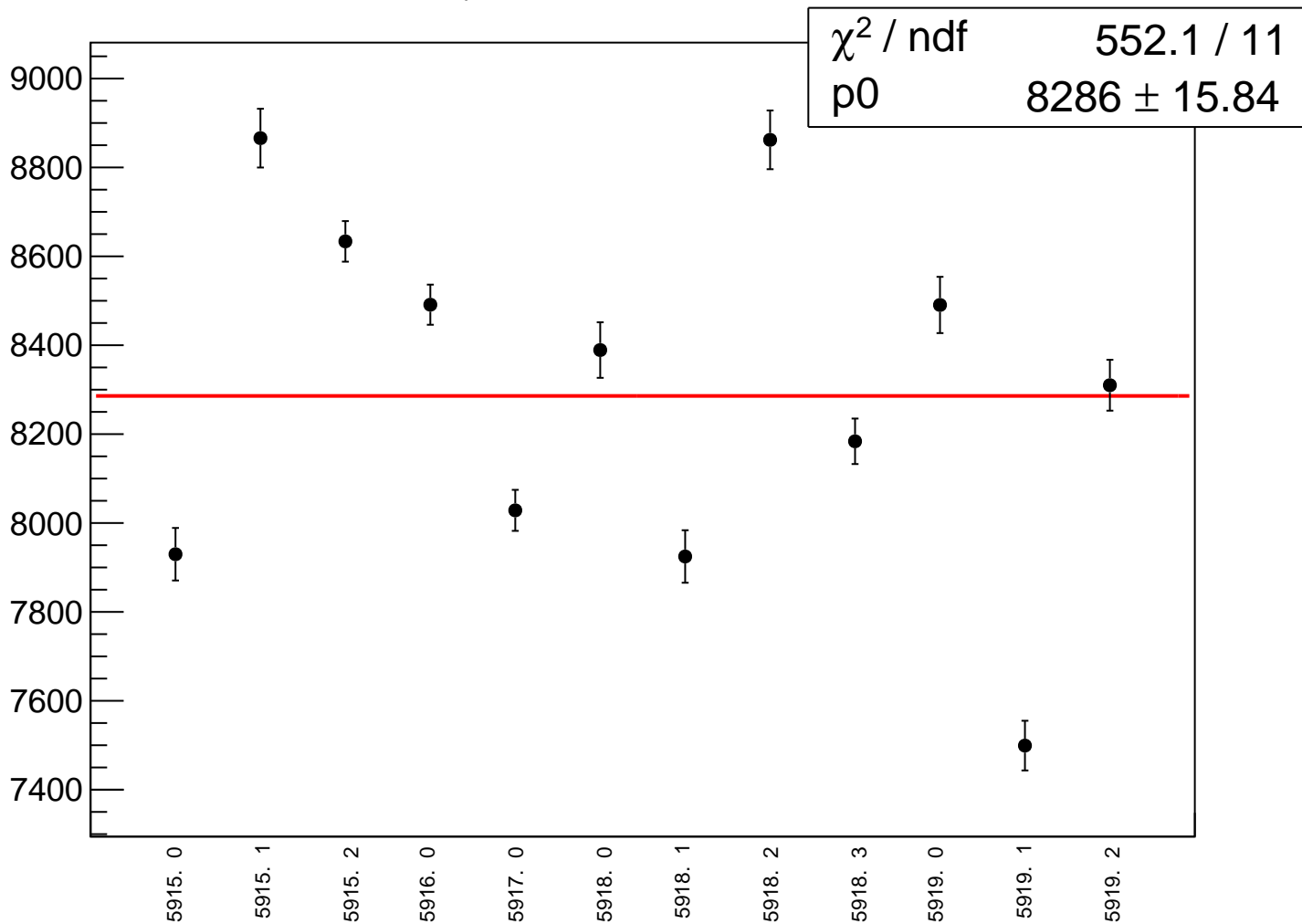
# asym\_atr2\_correction\_rms vs run



# asym\_atr2\_mean vs run

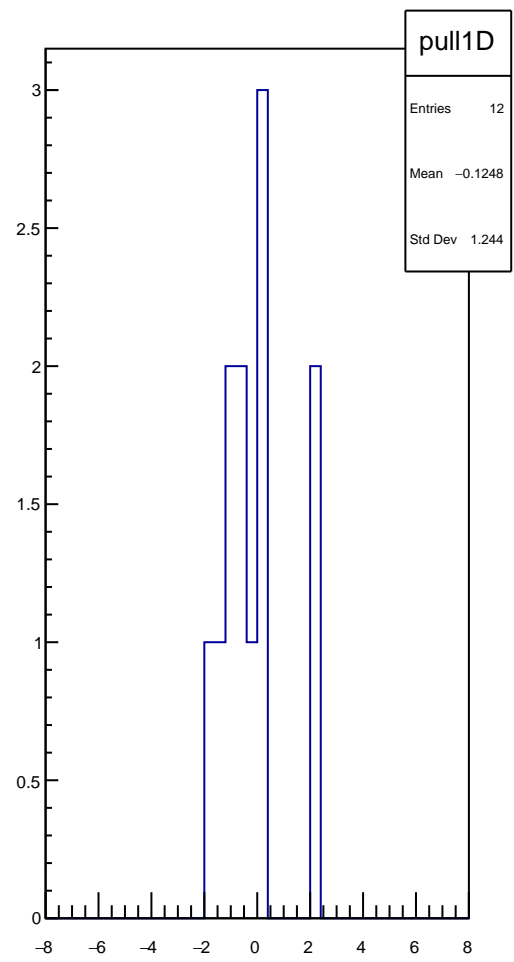
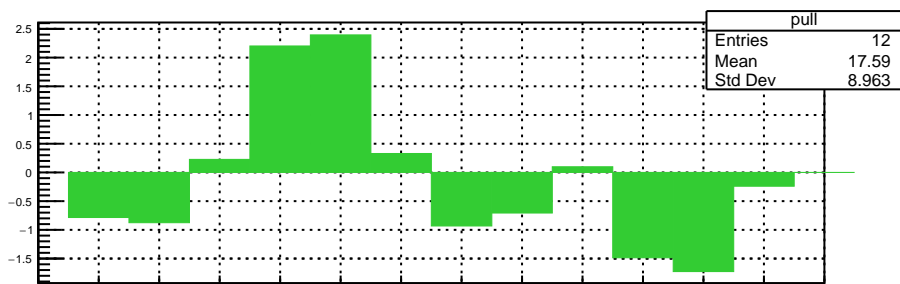
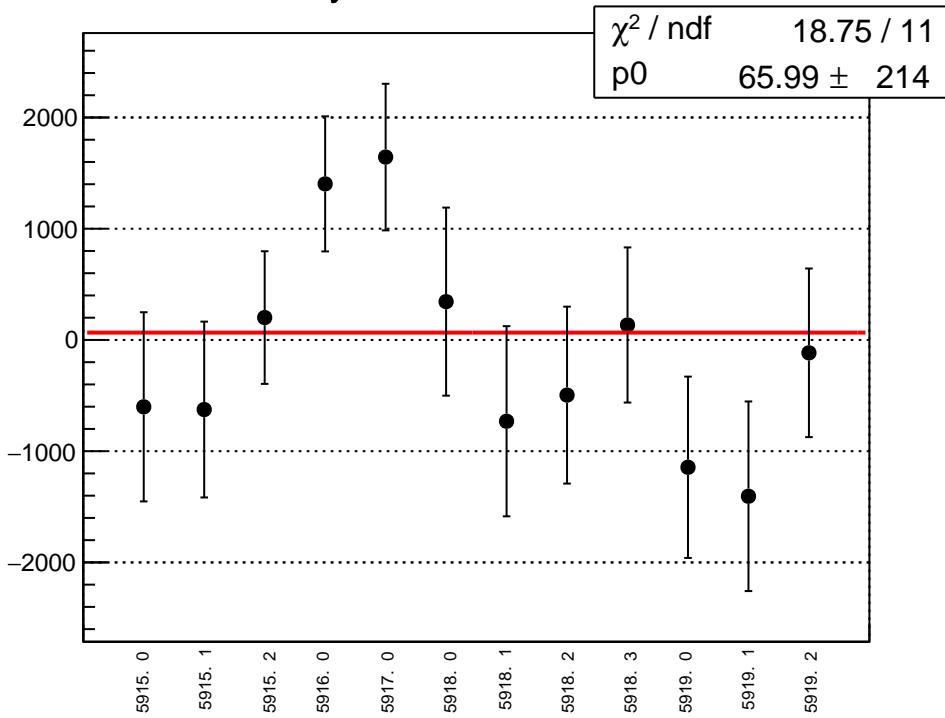


# asym\_atr2\_rms vs run

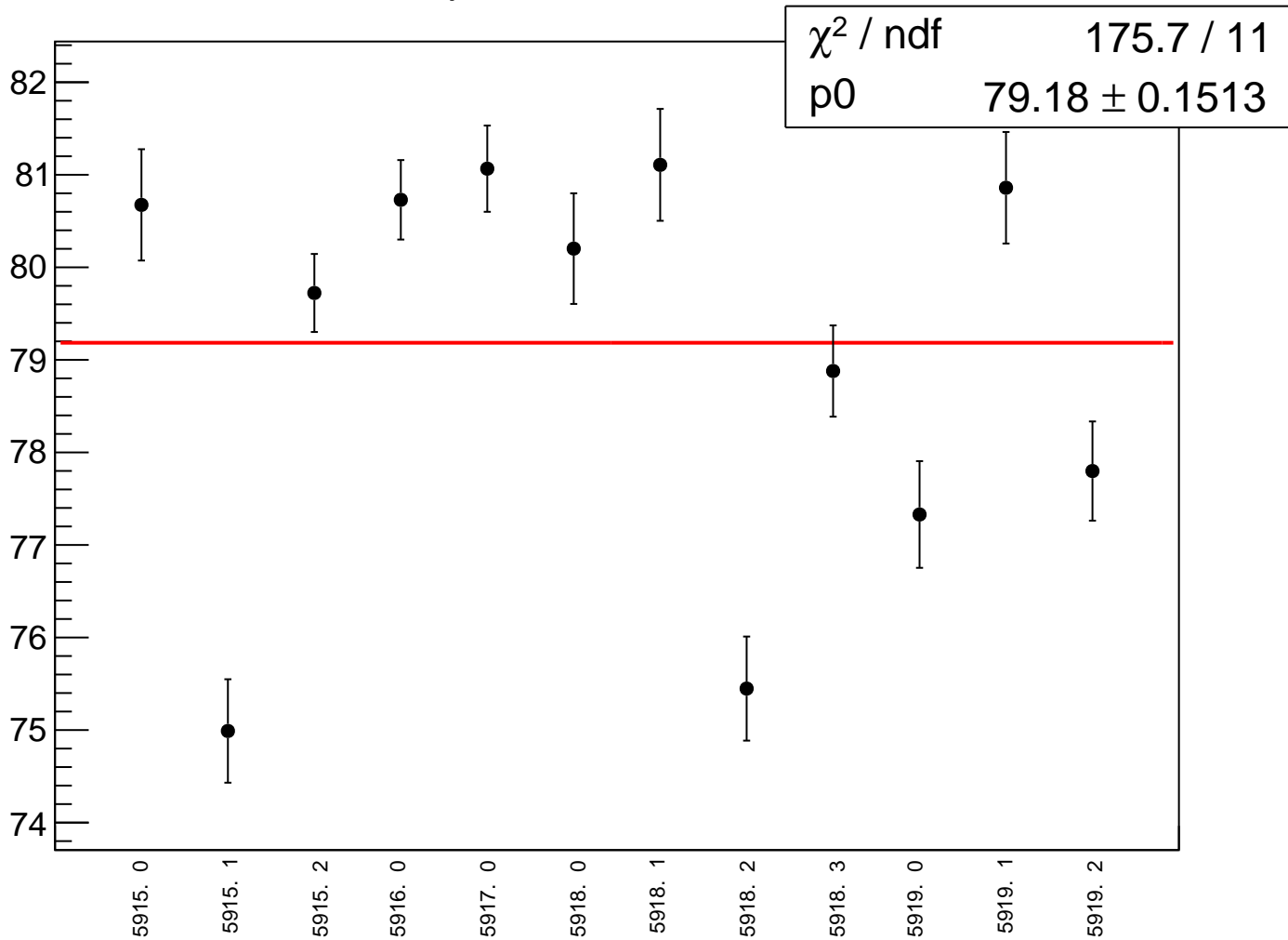




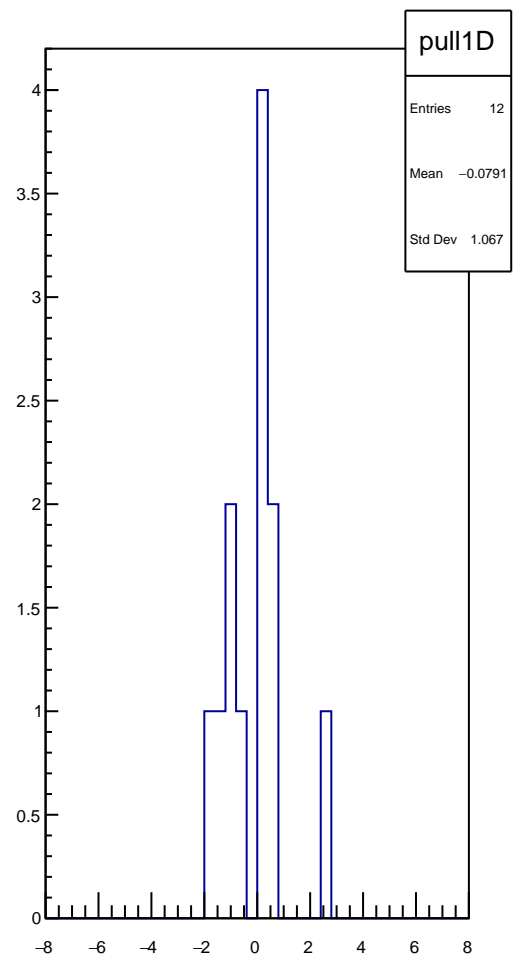
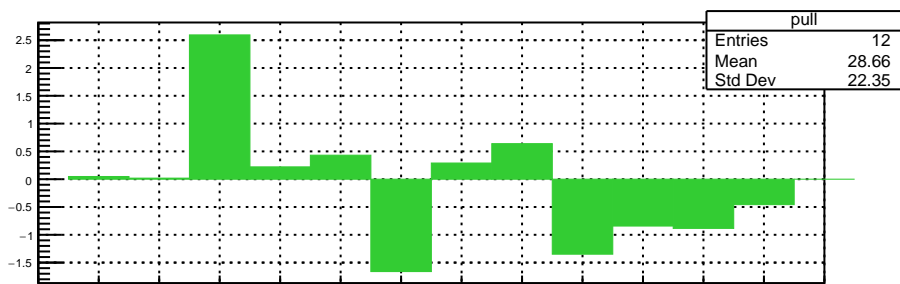
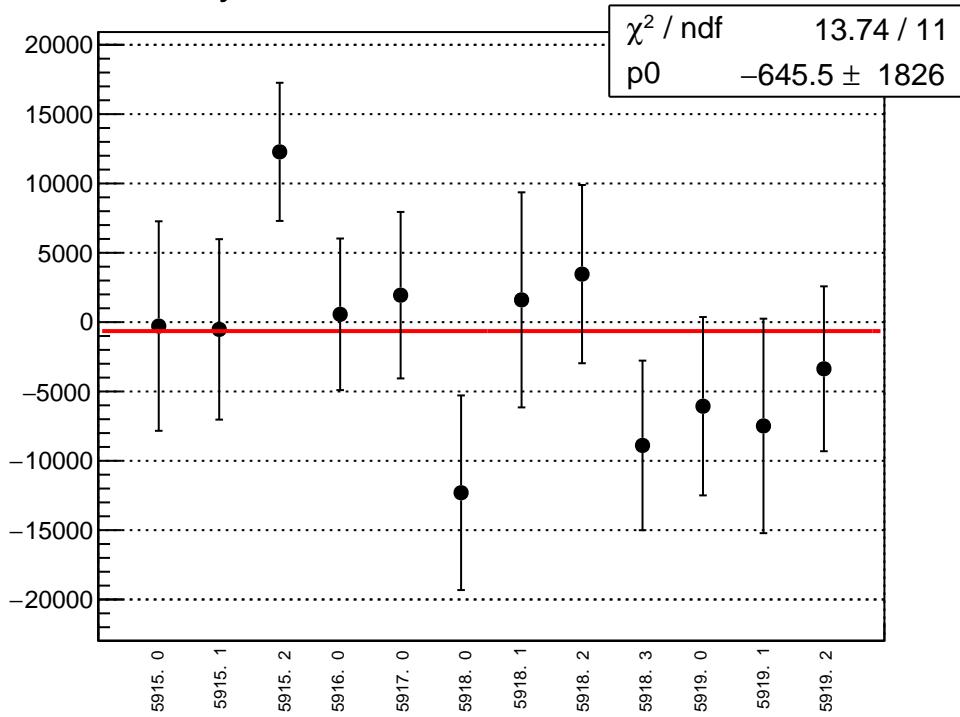
# dit\_asym\_sam1\_mean vs run



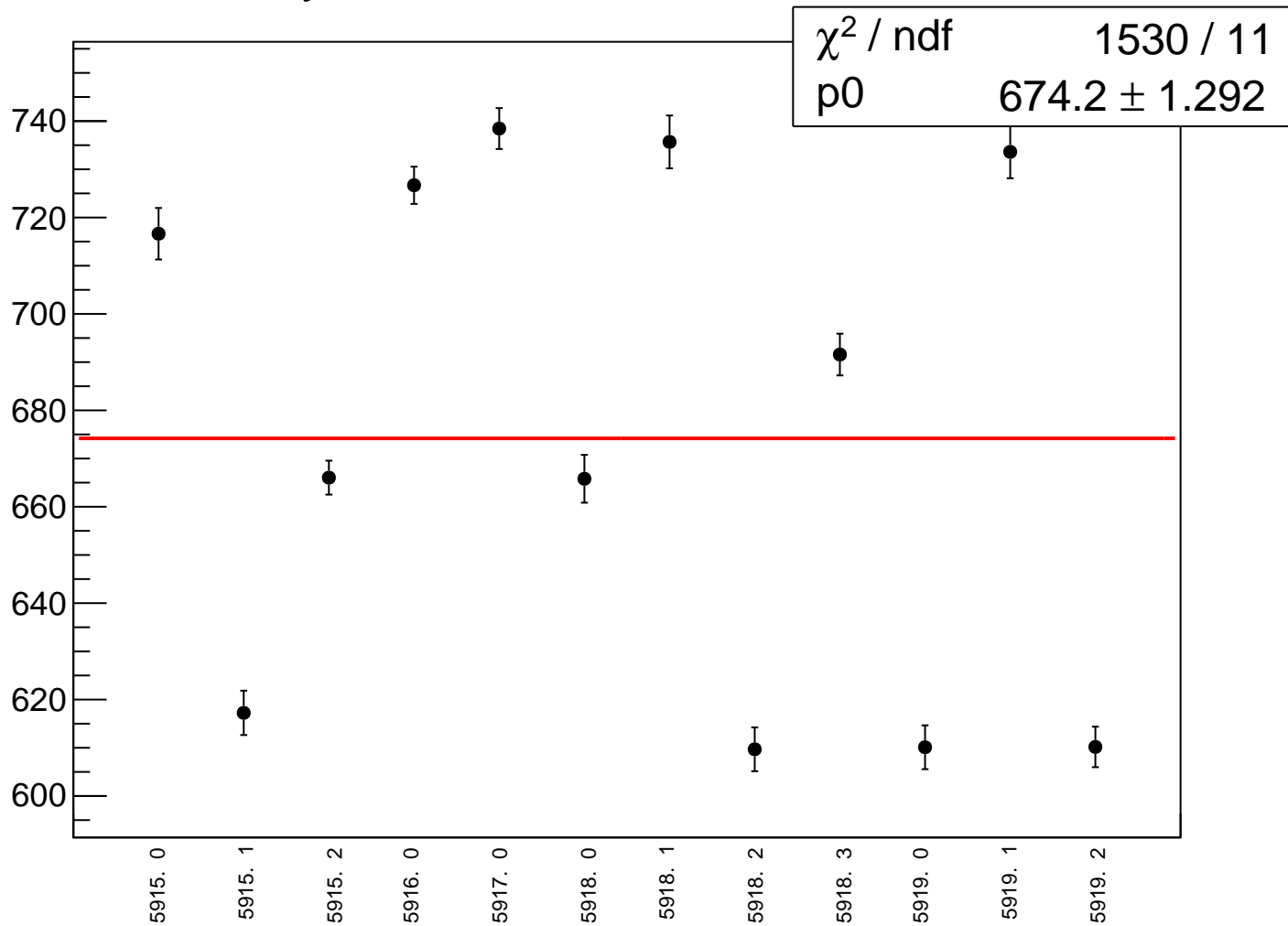
# dit\_asym\_sam1\_rms vs run



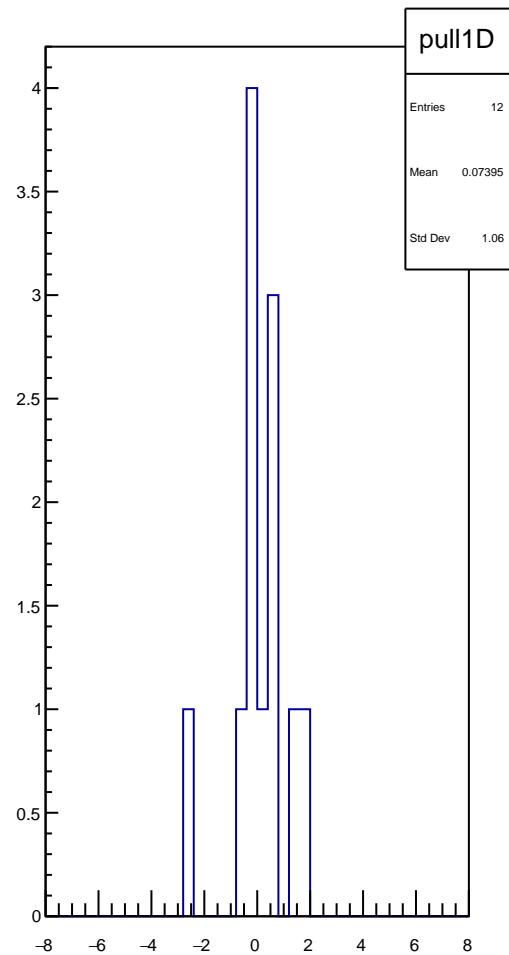
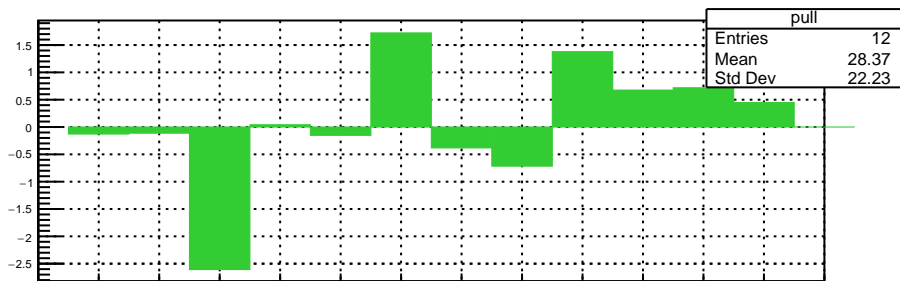
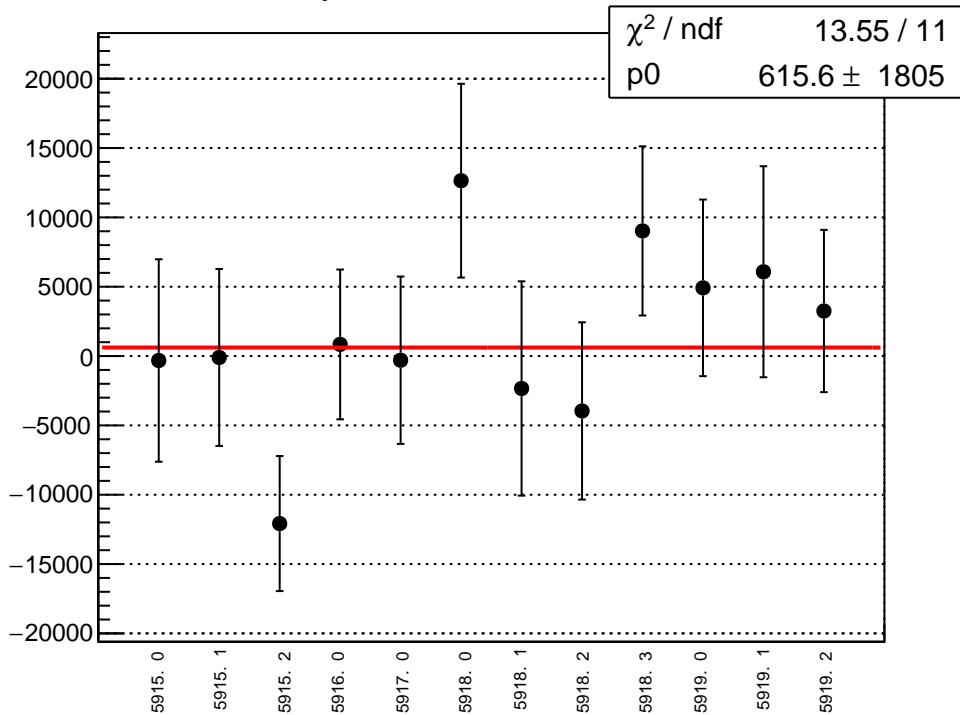
# asym\_sam1\_correction\_mean vs run



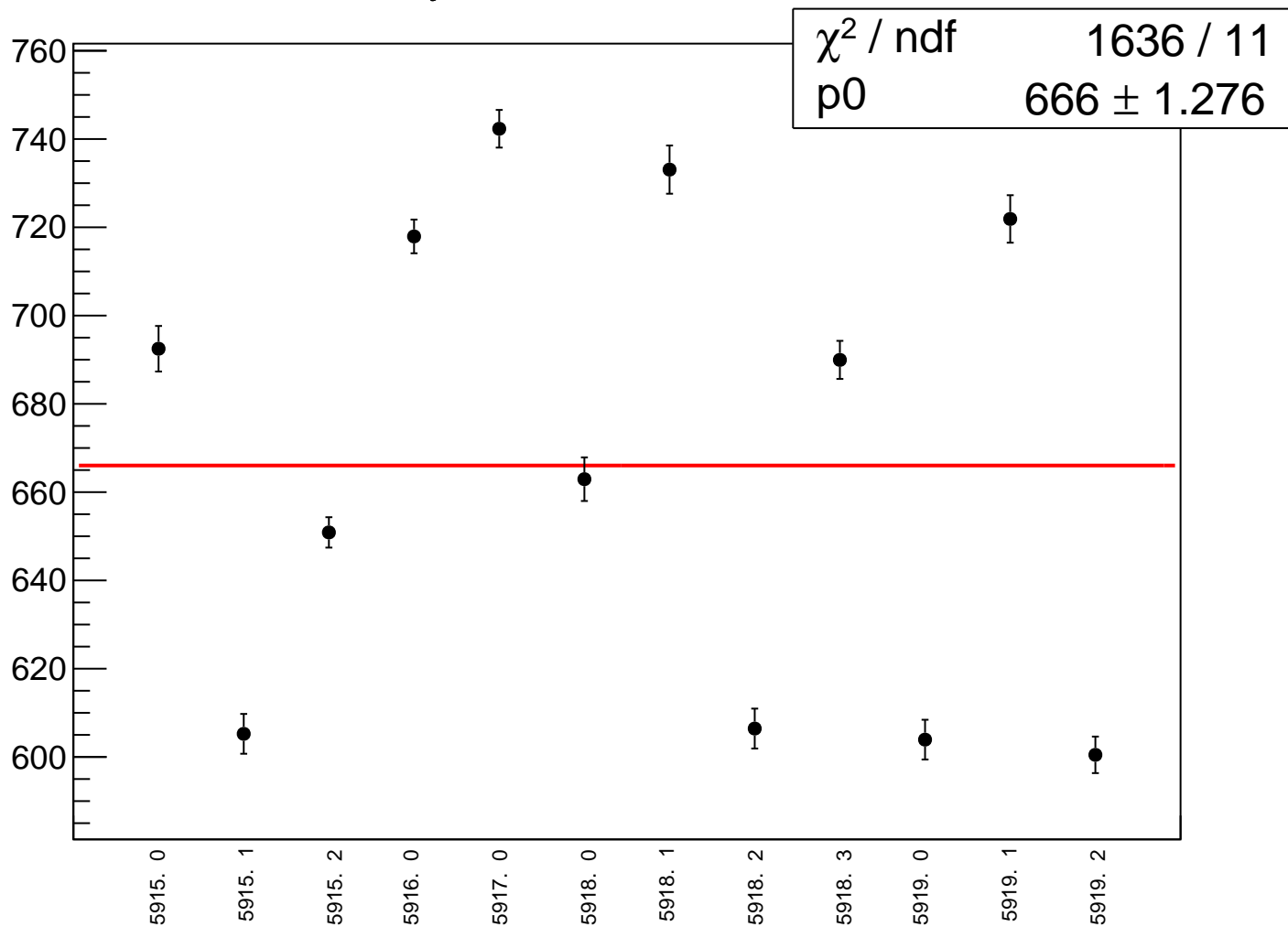
# asym\_sam1\_correction\_rms vs run



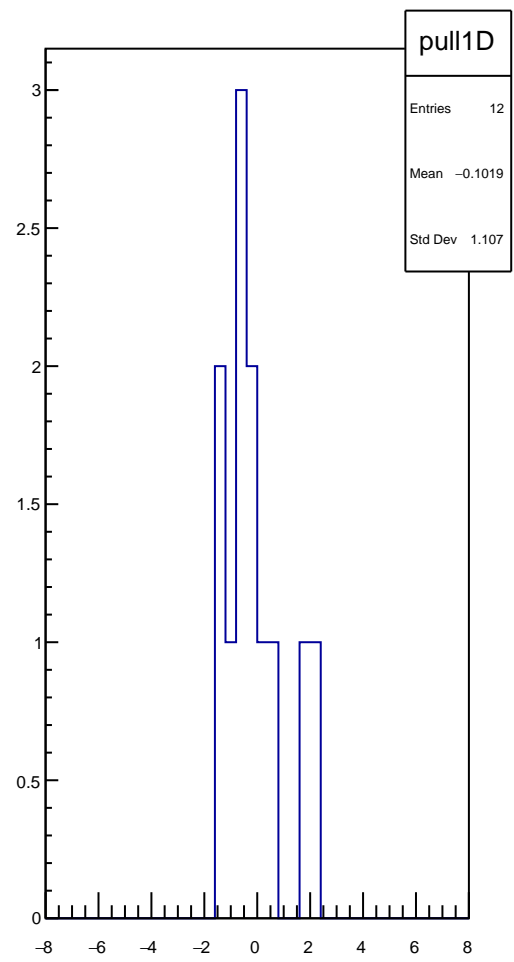
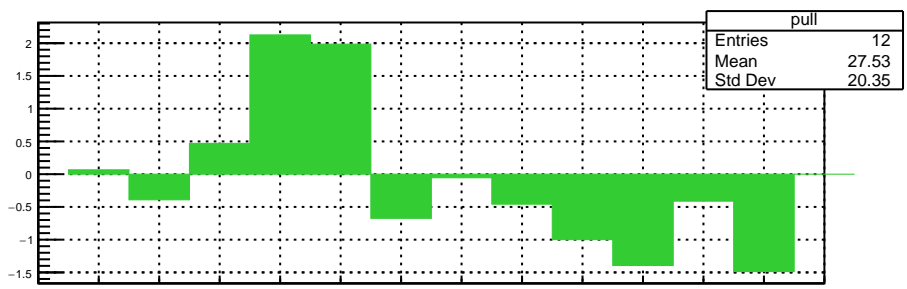
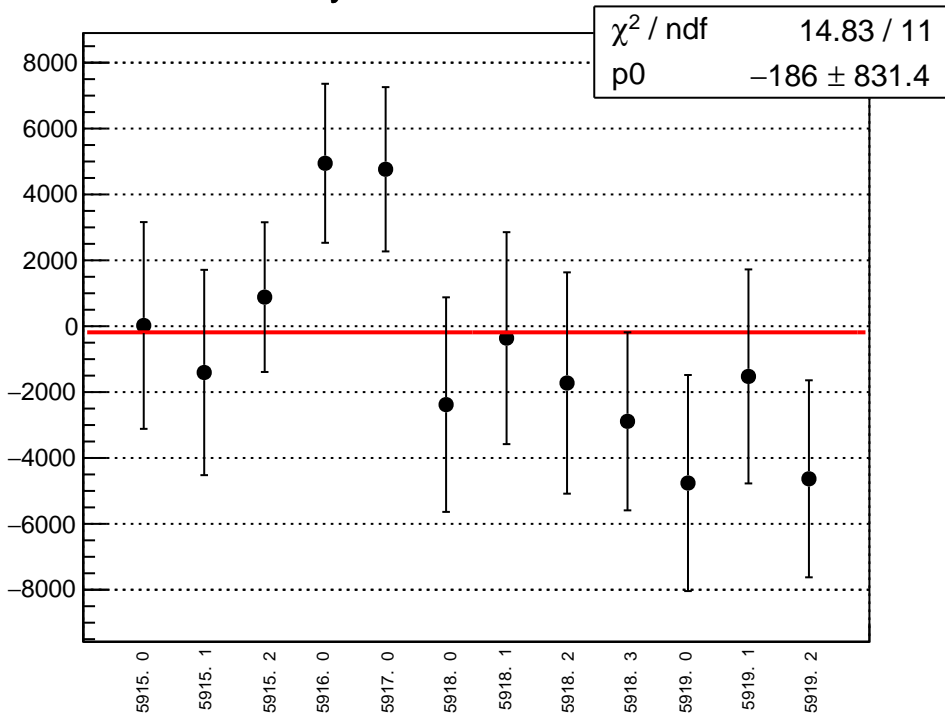
# asym\_sam1\_mean vs run



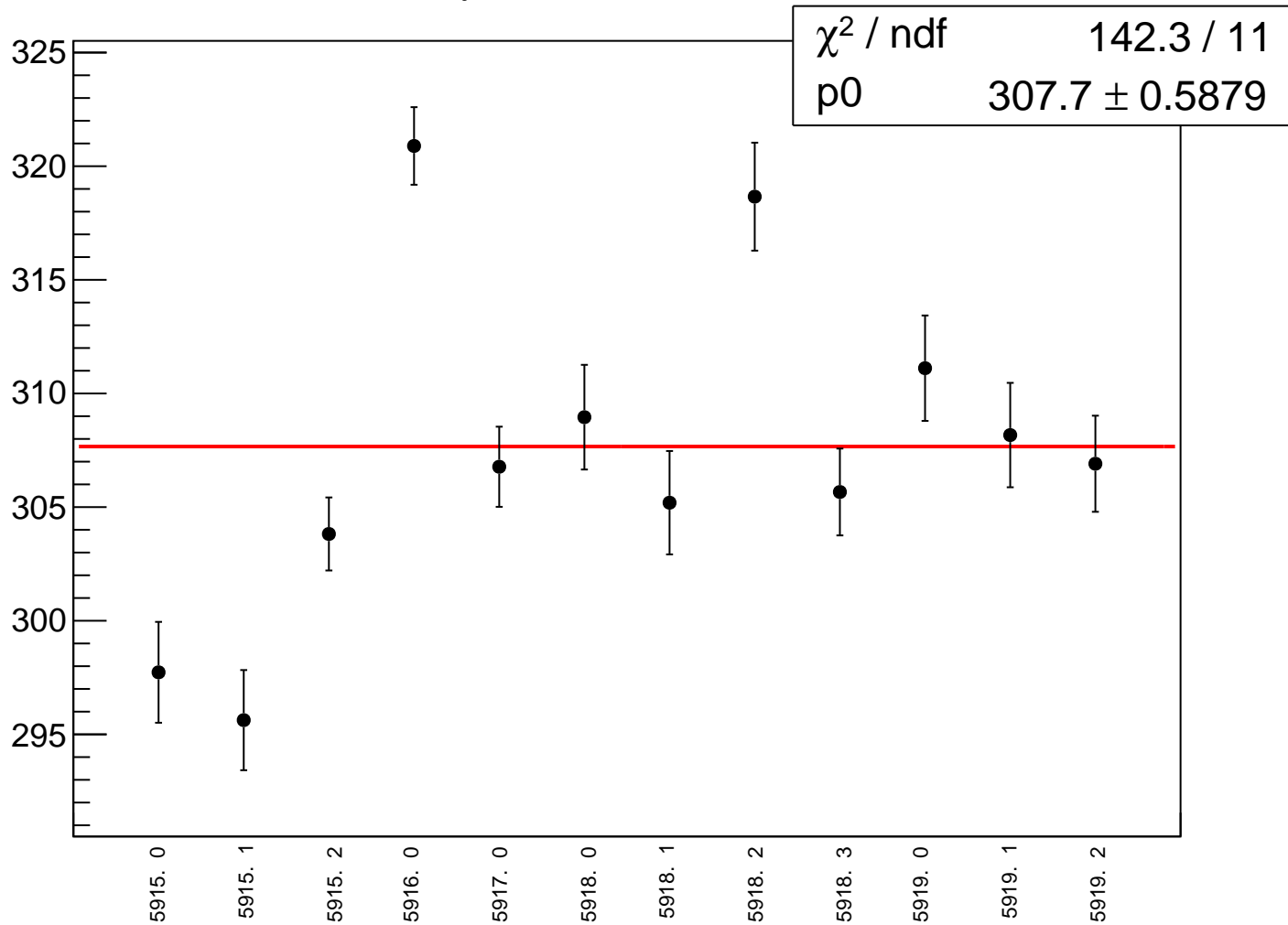
# asym\_sam1\_rms vs run



# dit\_asym\_sam2\_mean vs run

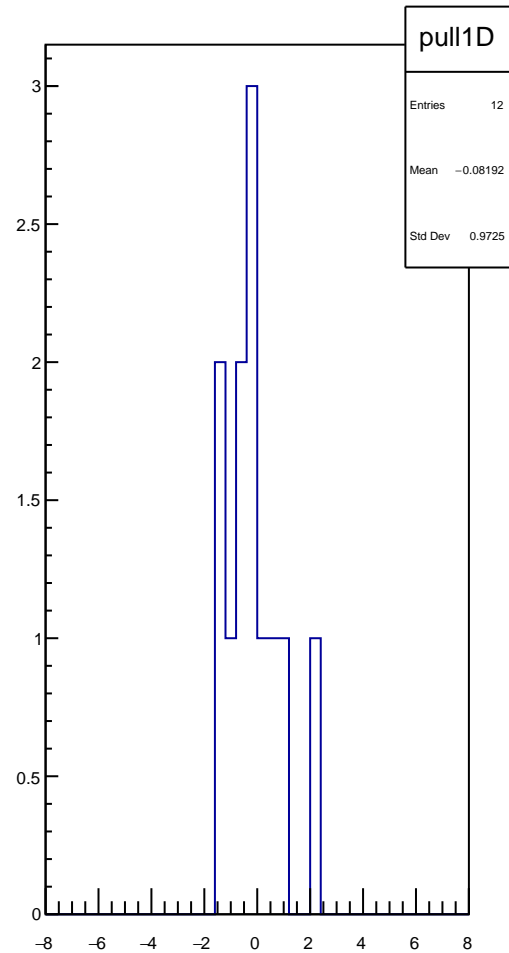
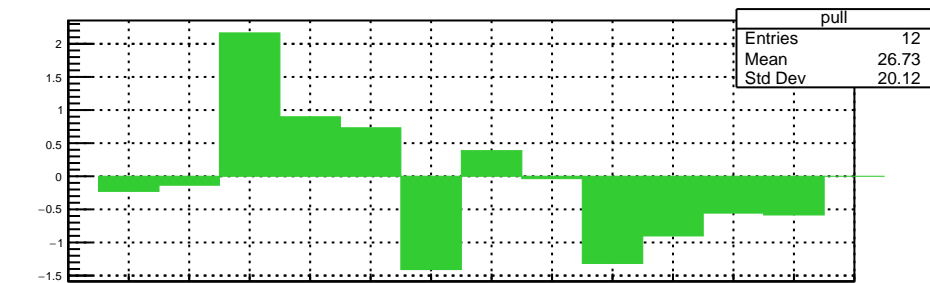
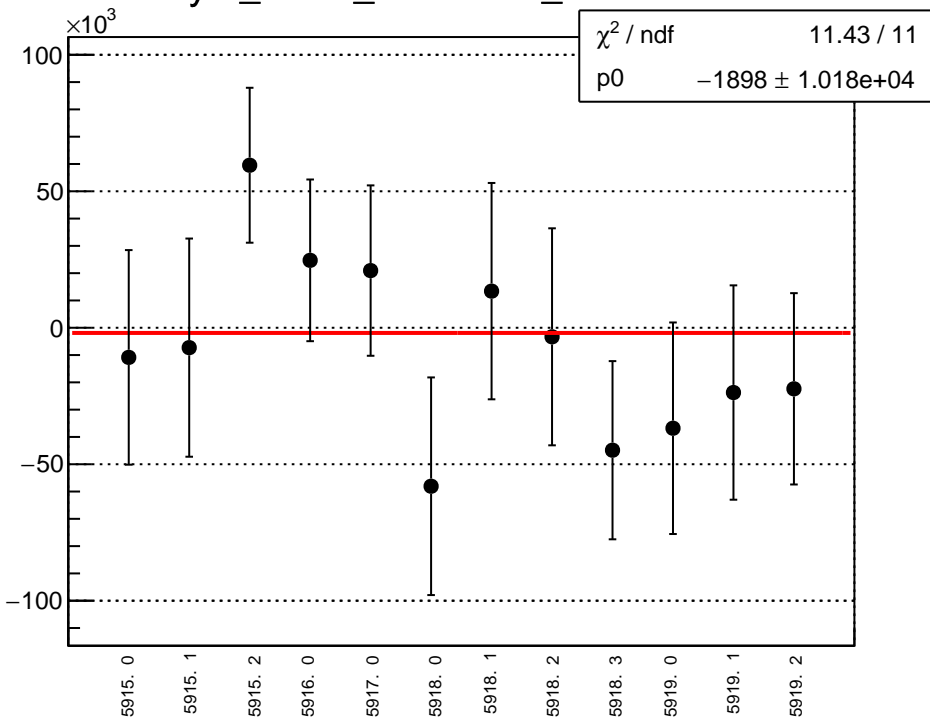


# dit\_asym\_sam2\_rms vs run

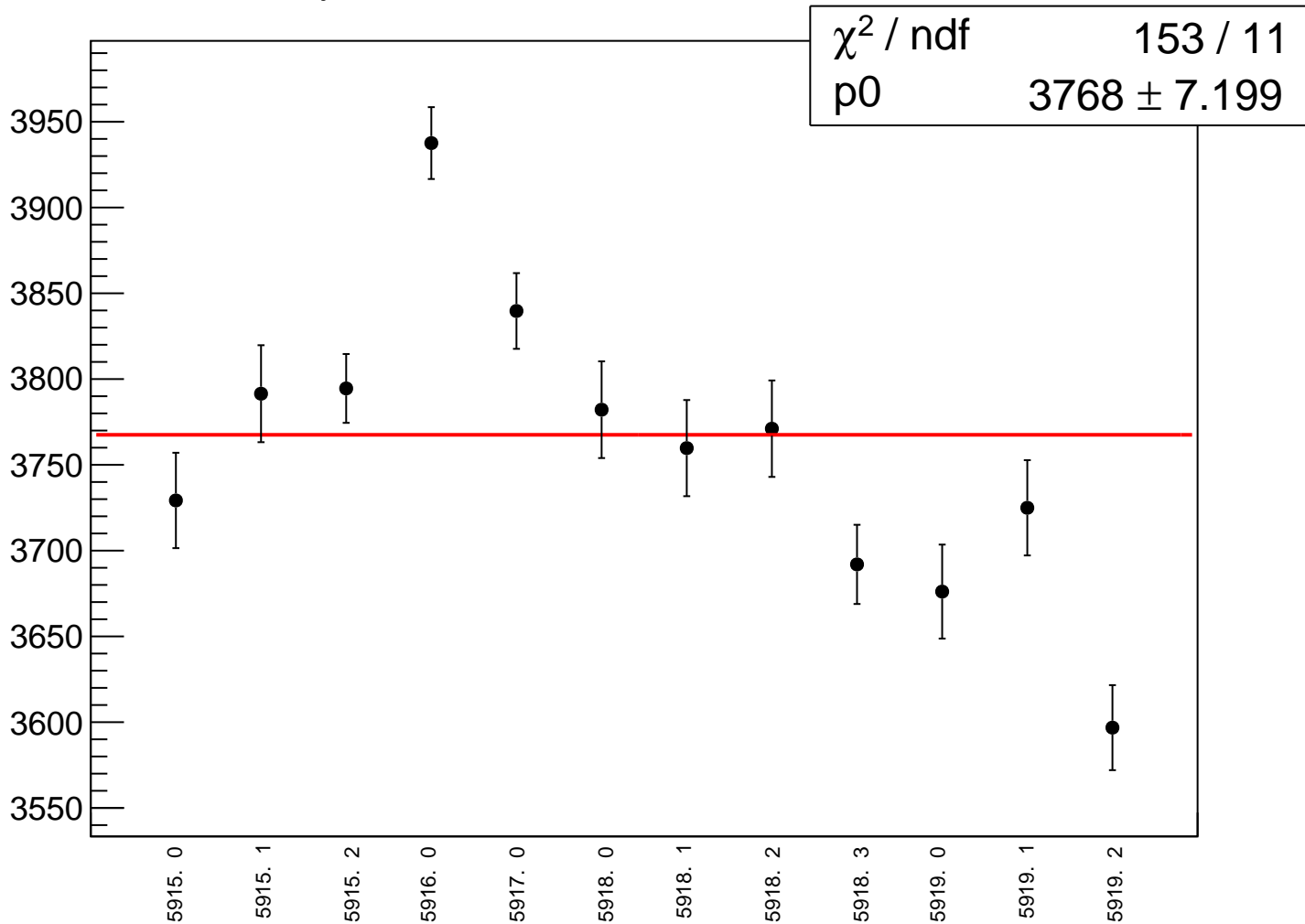




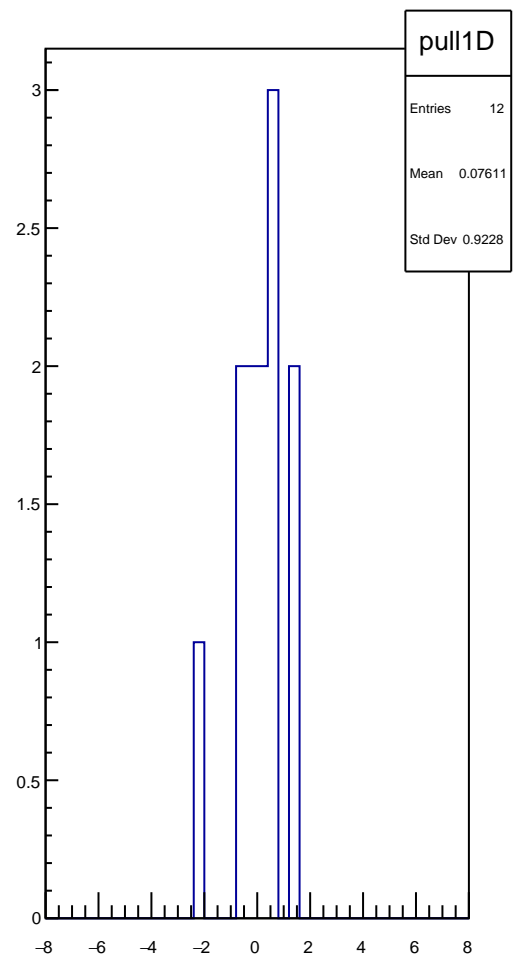
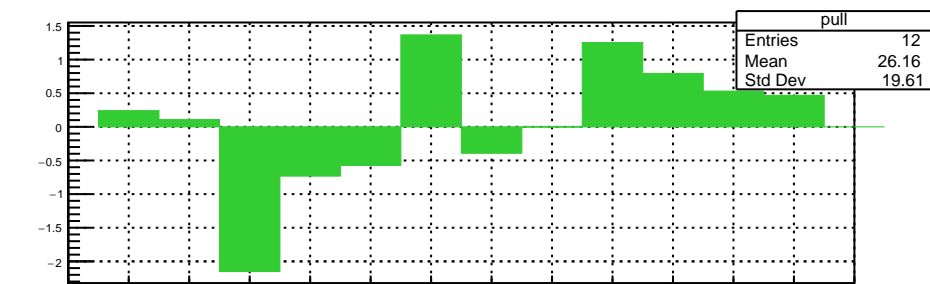
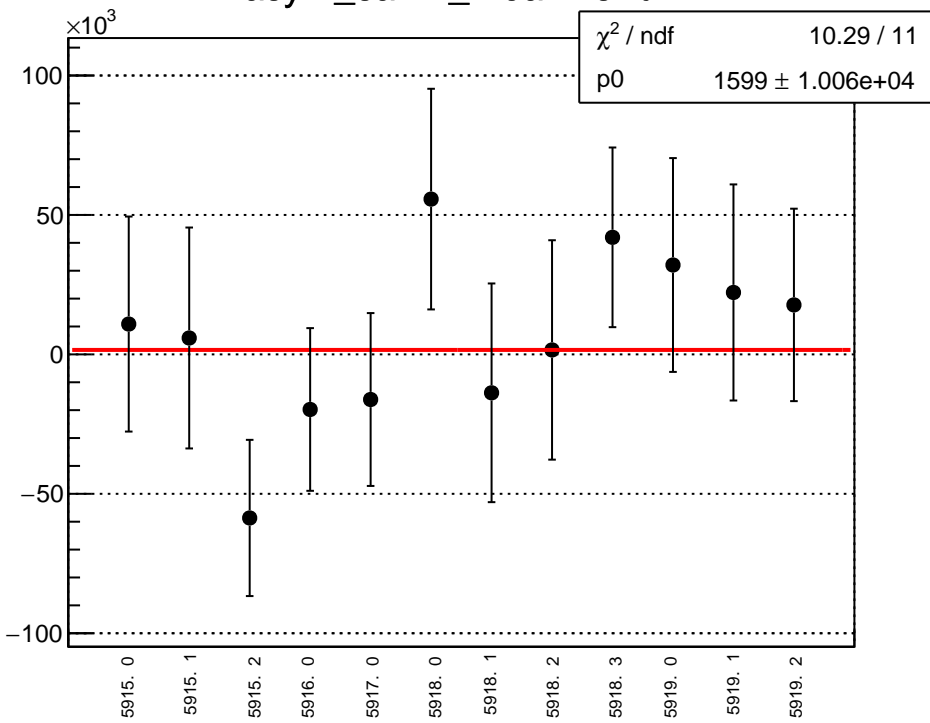
# asym\_sam2\_correction\_mean vs run



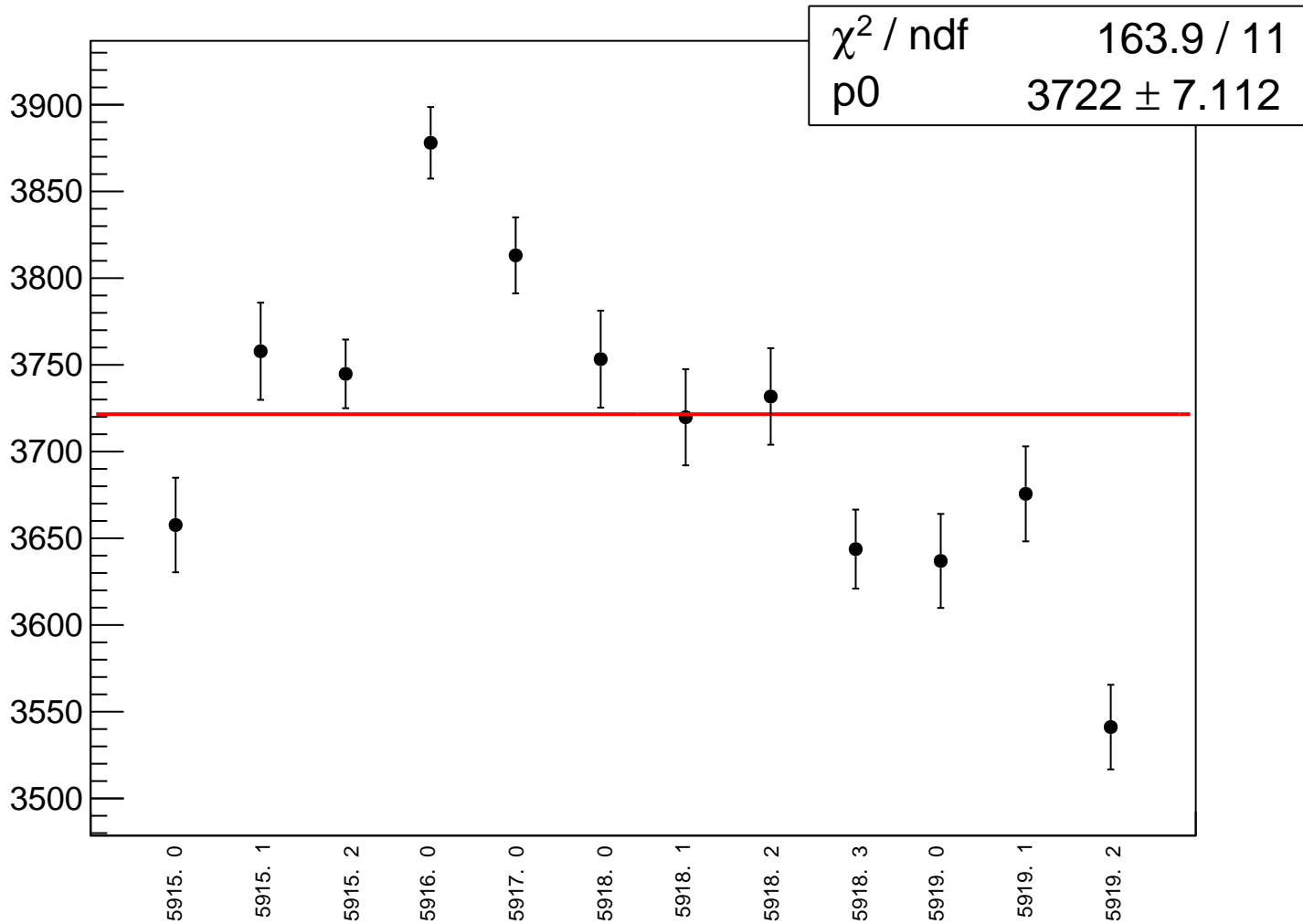
# asym\_sam2\_correction\_rms vs run



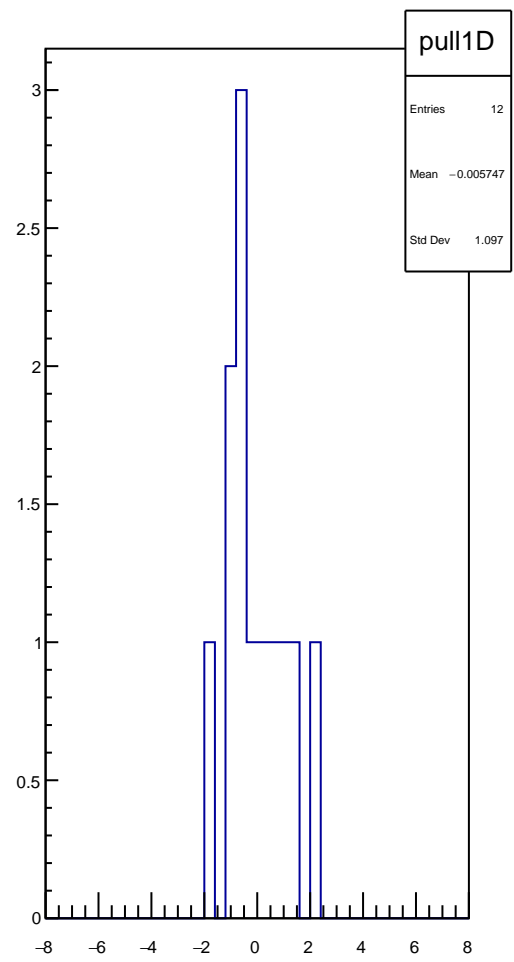
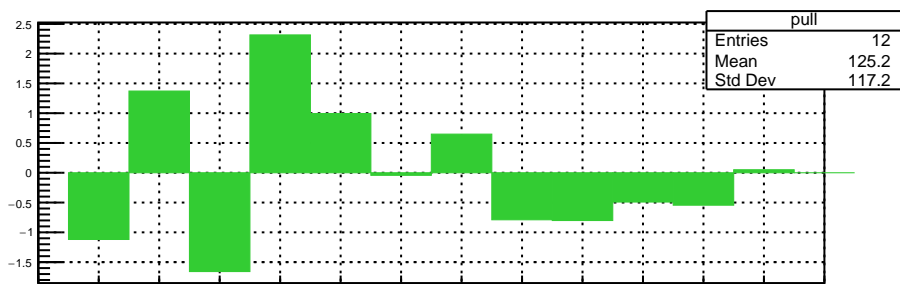
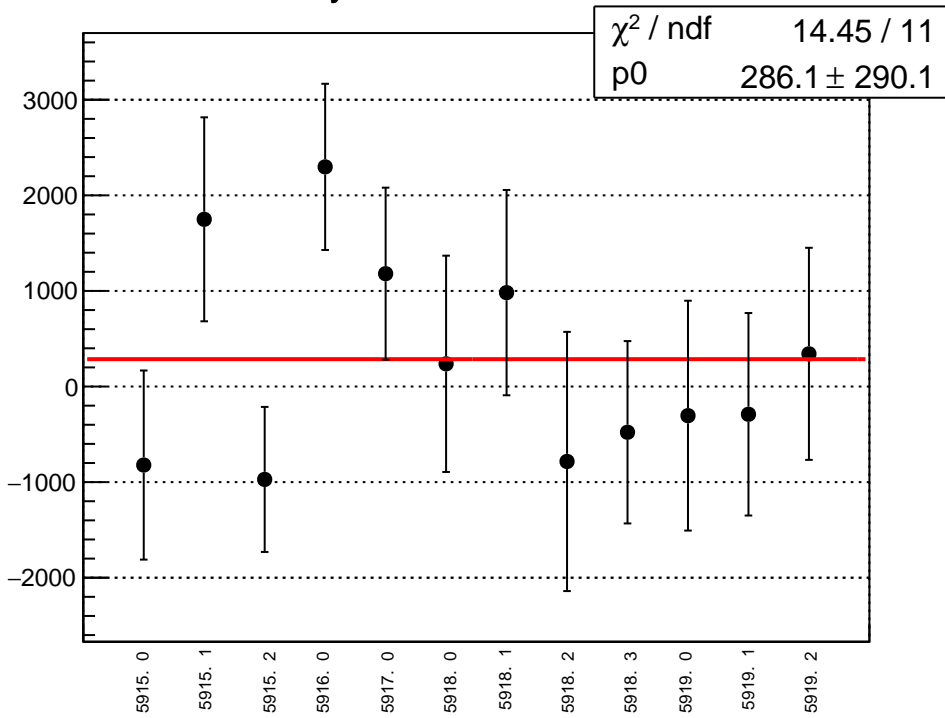
# asym\_sam2\_mean vs run



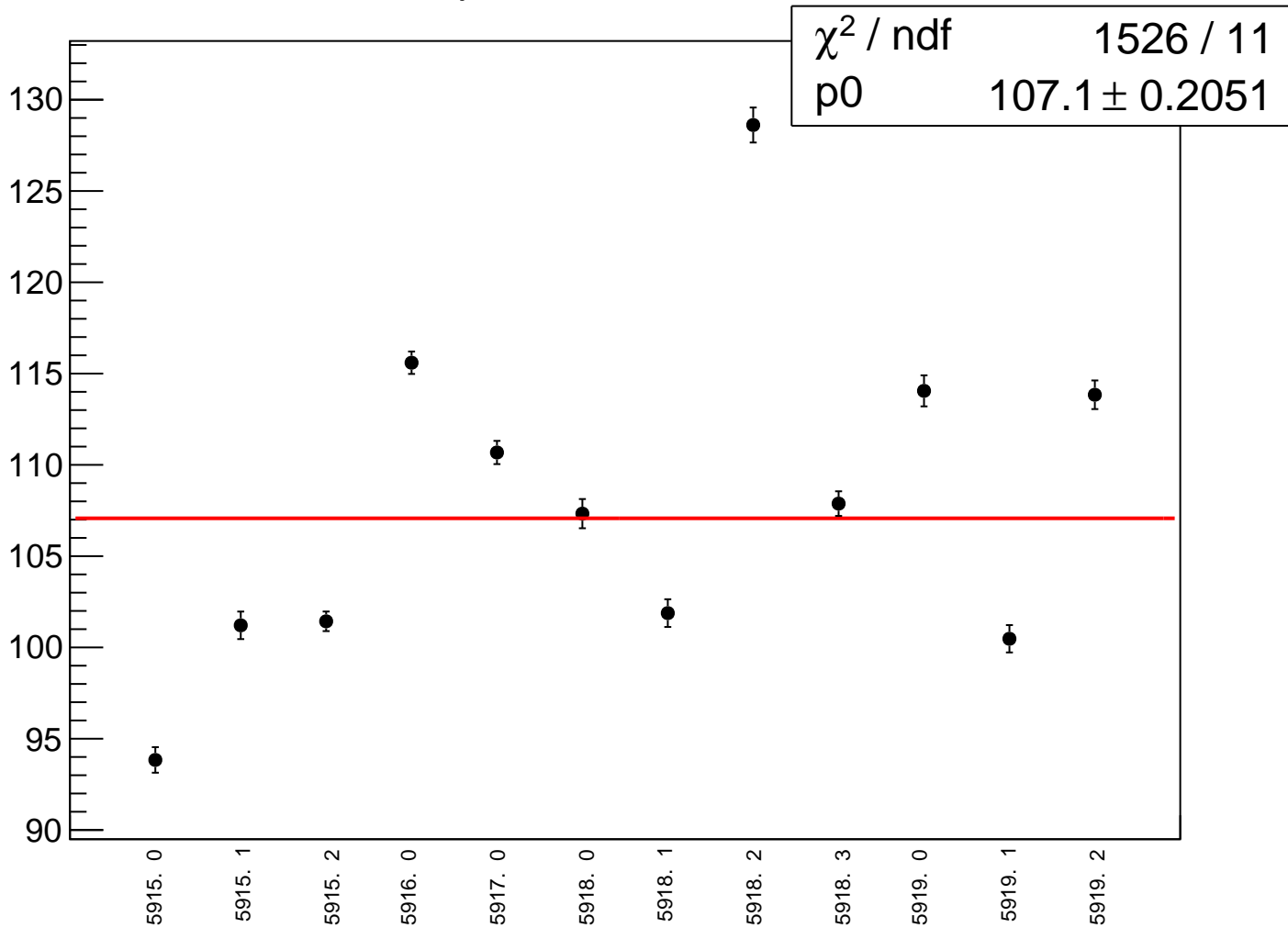
# asym\_sam2\_rms vs run



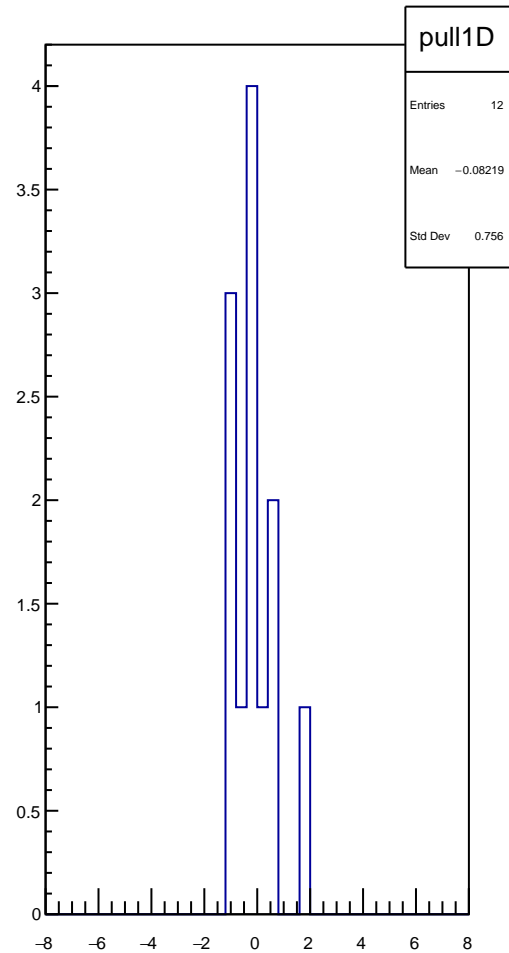
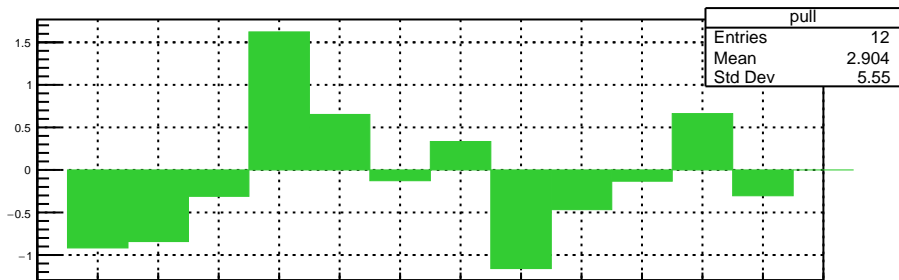
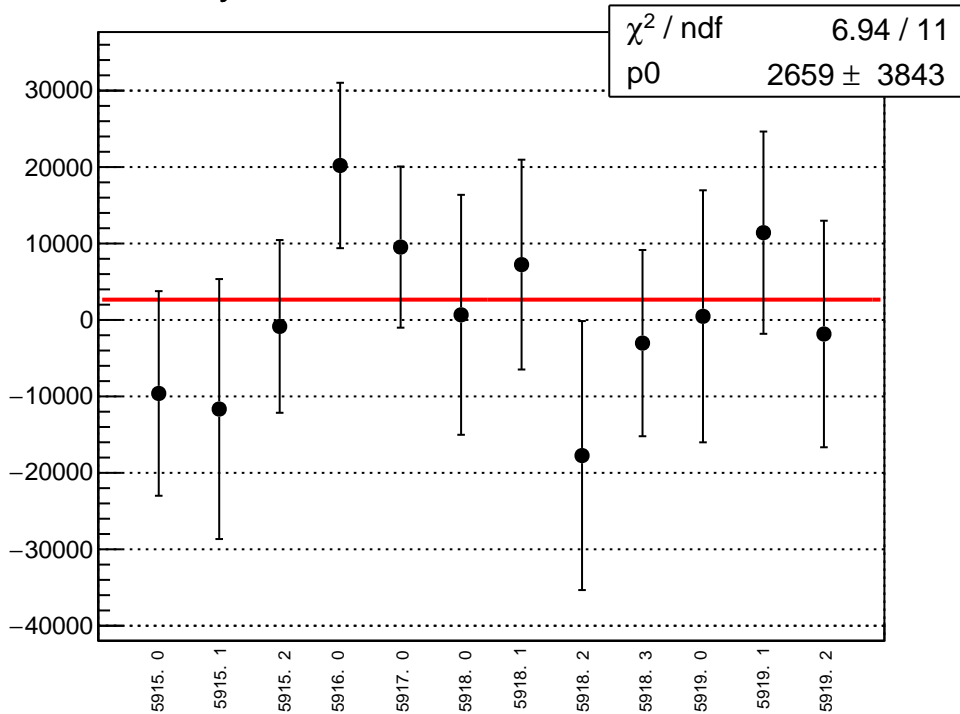
# dit\_asym\_sam3\_mean vs run



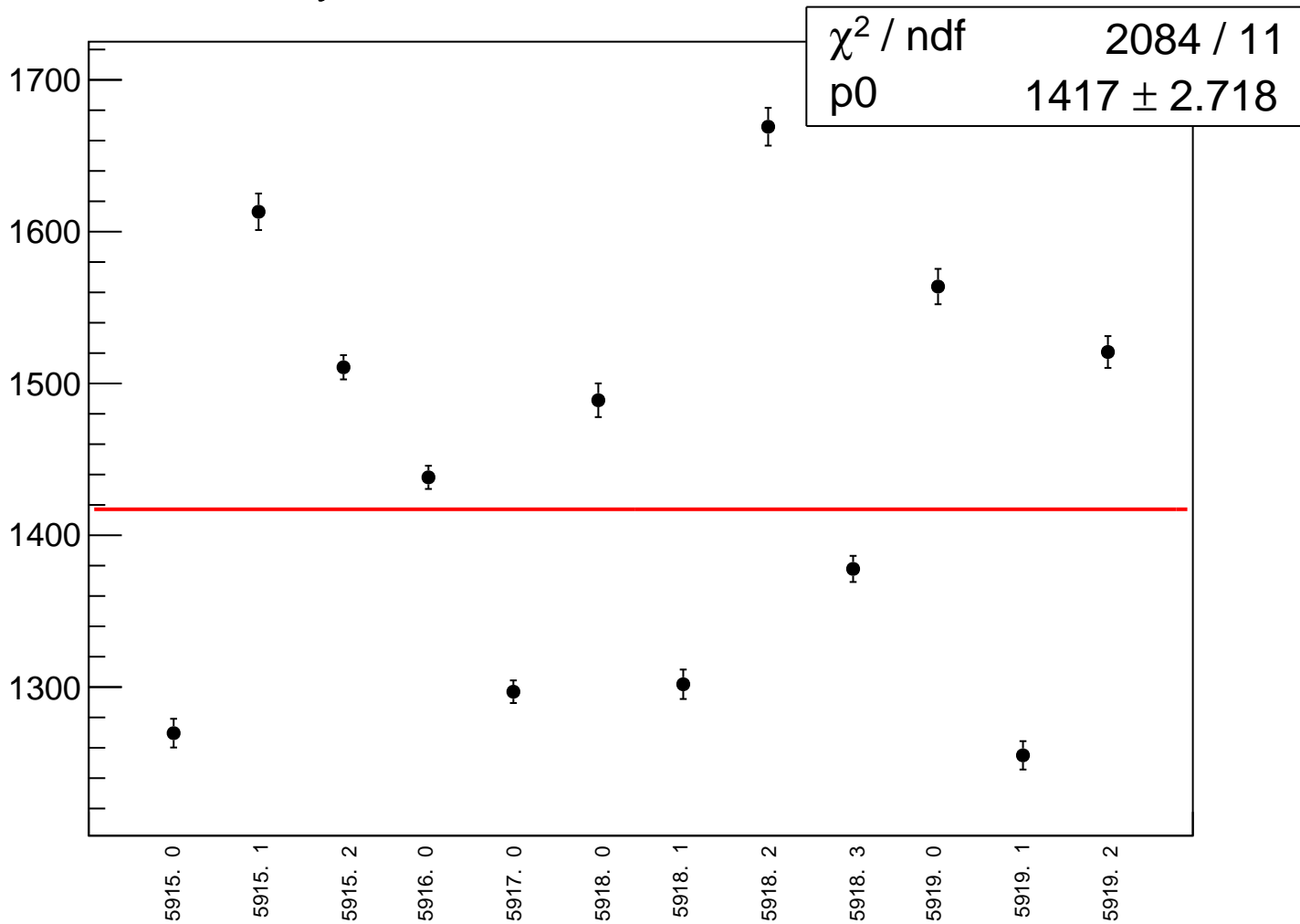
# dit\_asym\_sam3\_rms vs run



# asym\_sam3\_correction\_mean vs run

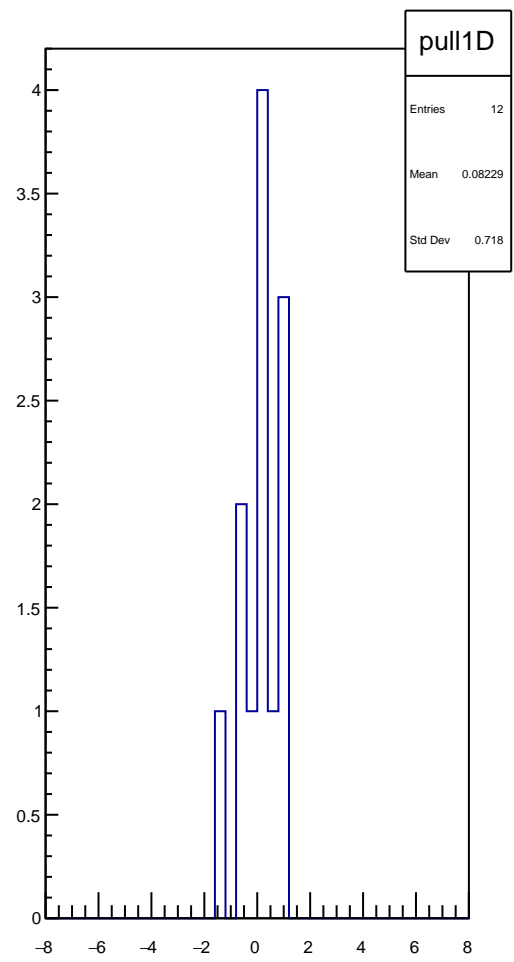
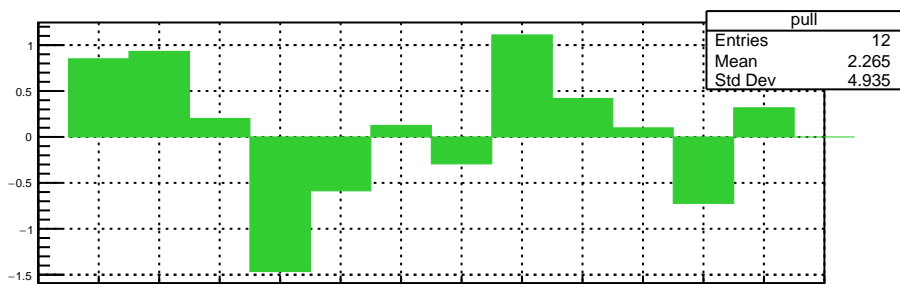
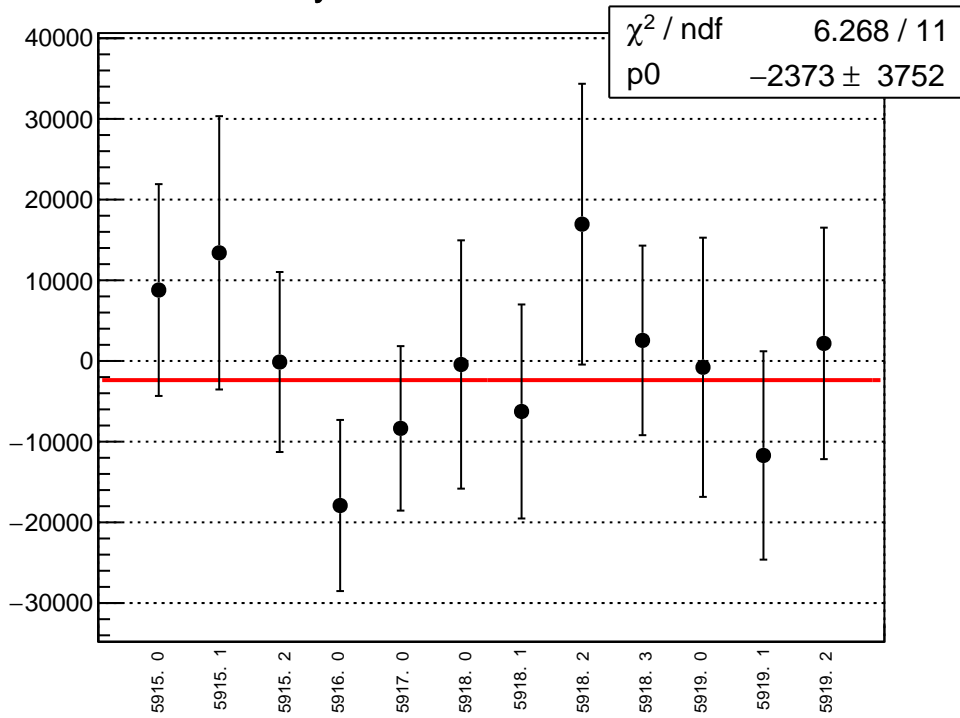


# asym\_sam3\_correction\_rms vs run

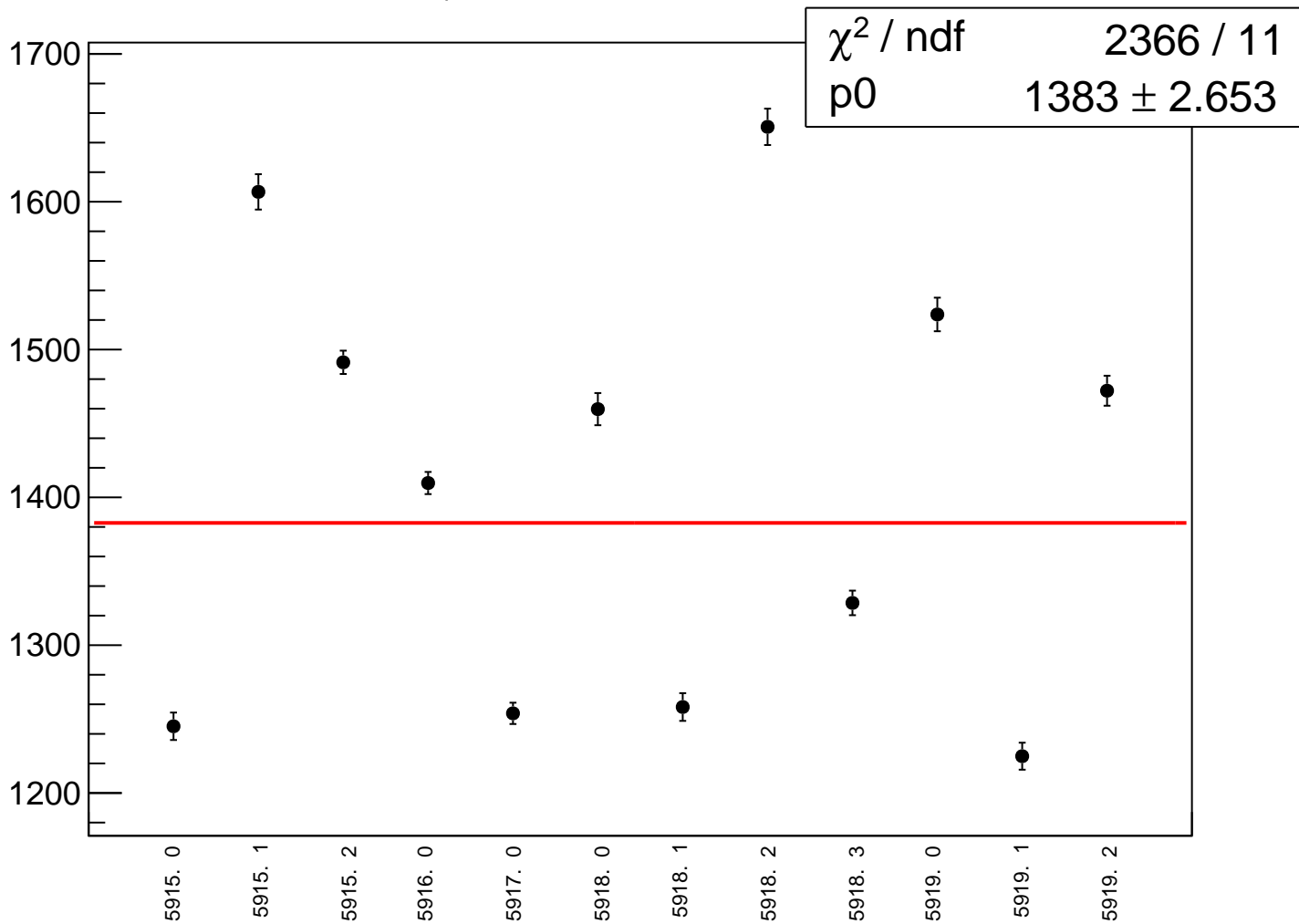




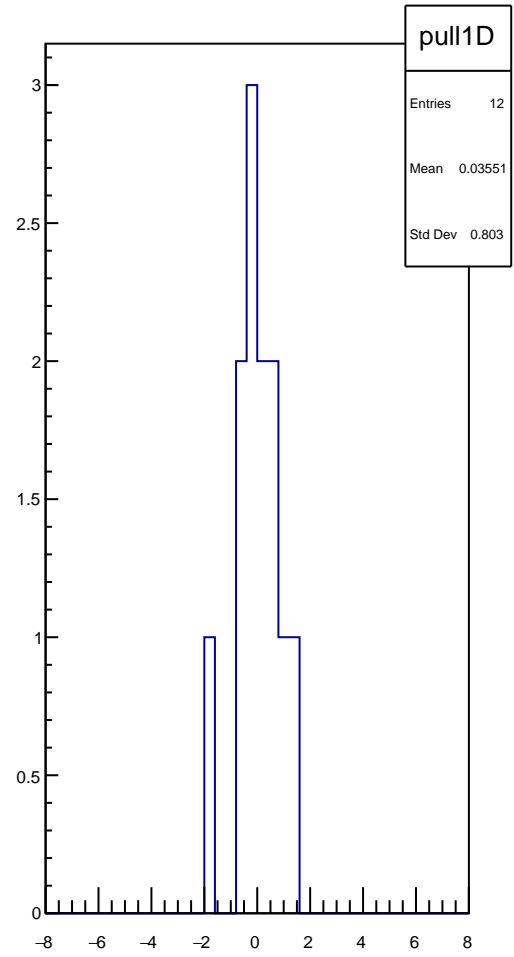
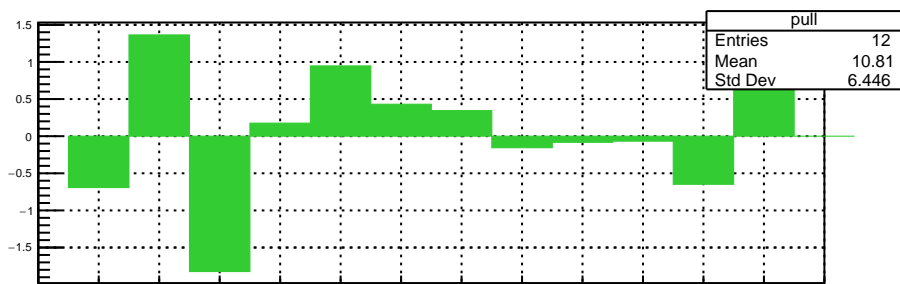
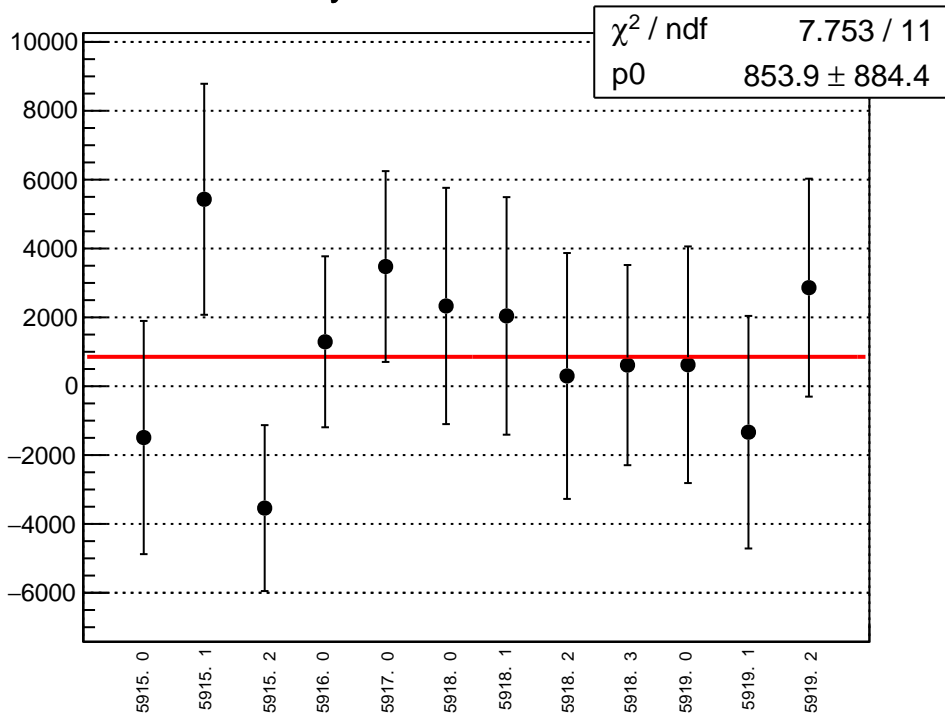
# asym\_sam3\_mean vs run



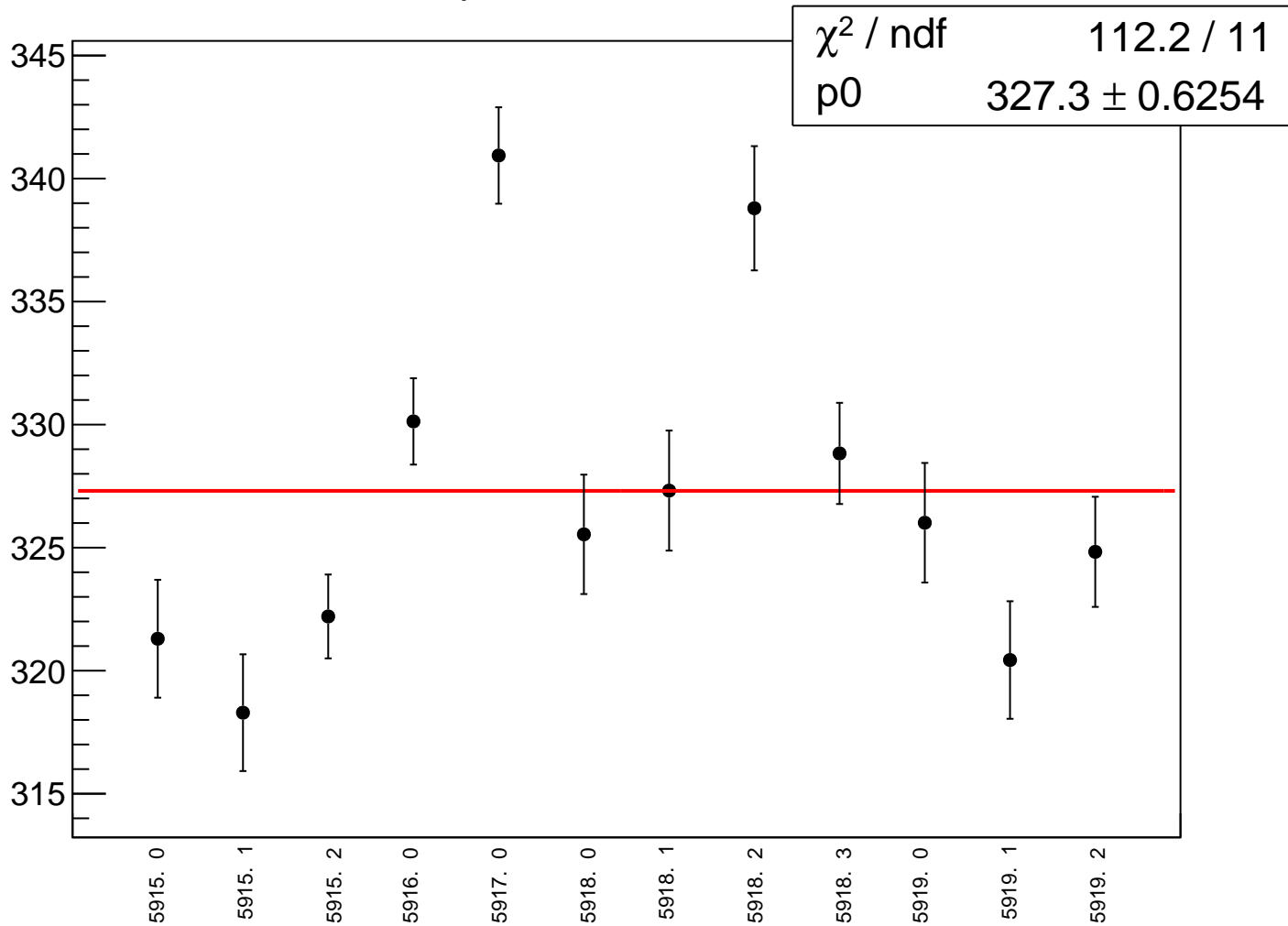
# asym\_sam3\_rms vs run



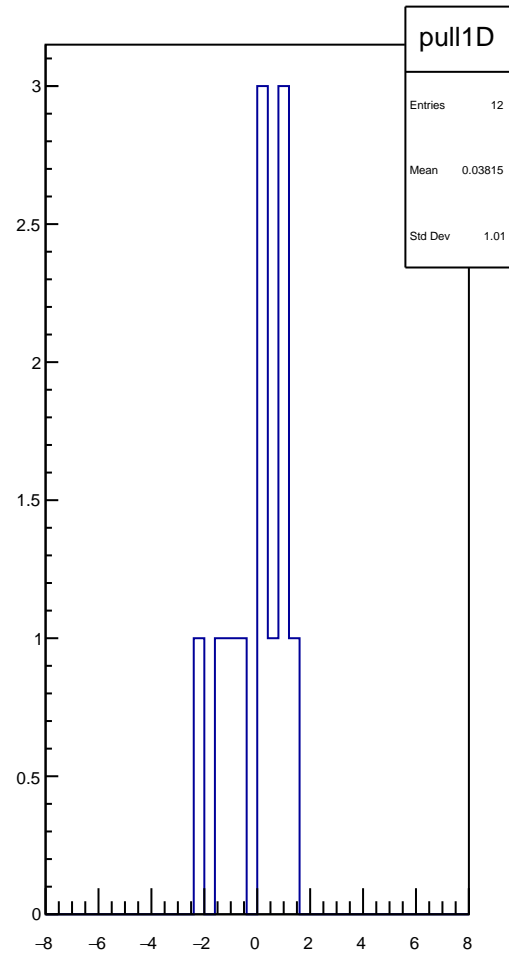
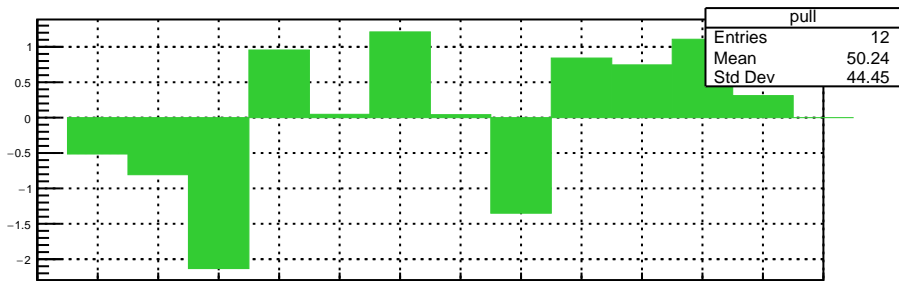
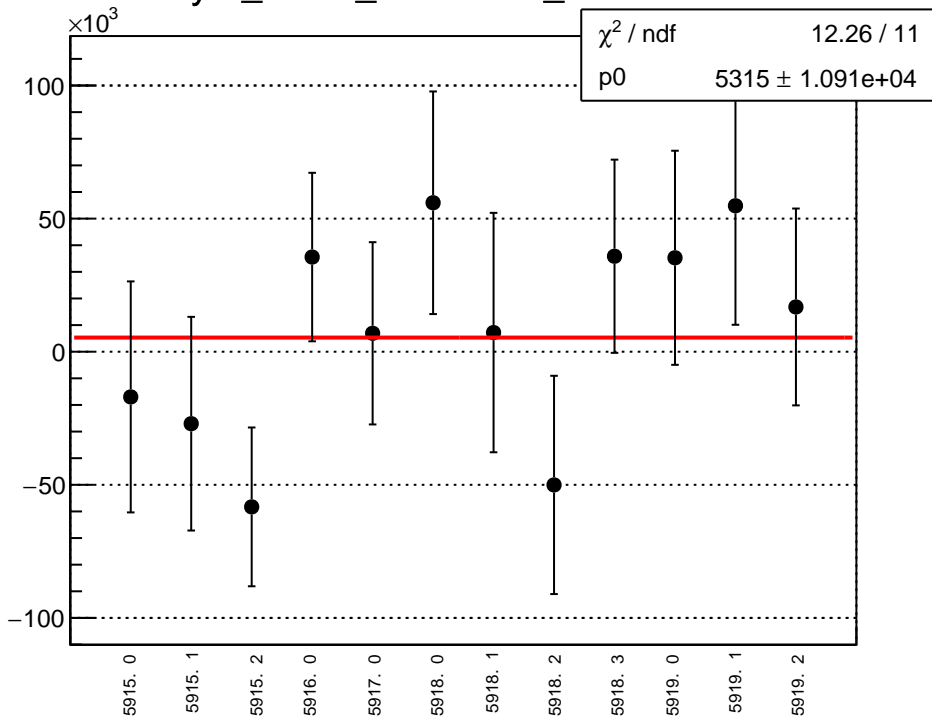
# dit\_asym\_sam4\_mean vs run



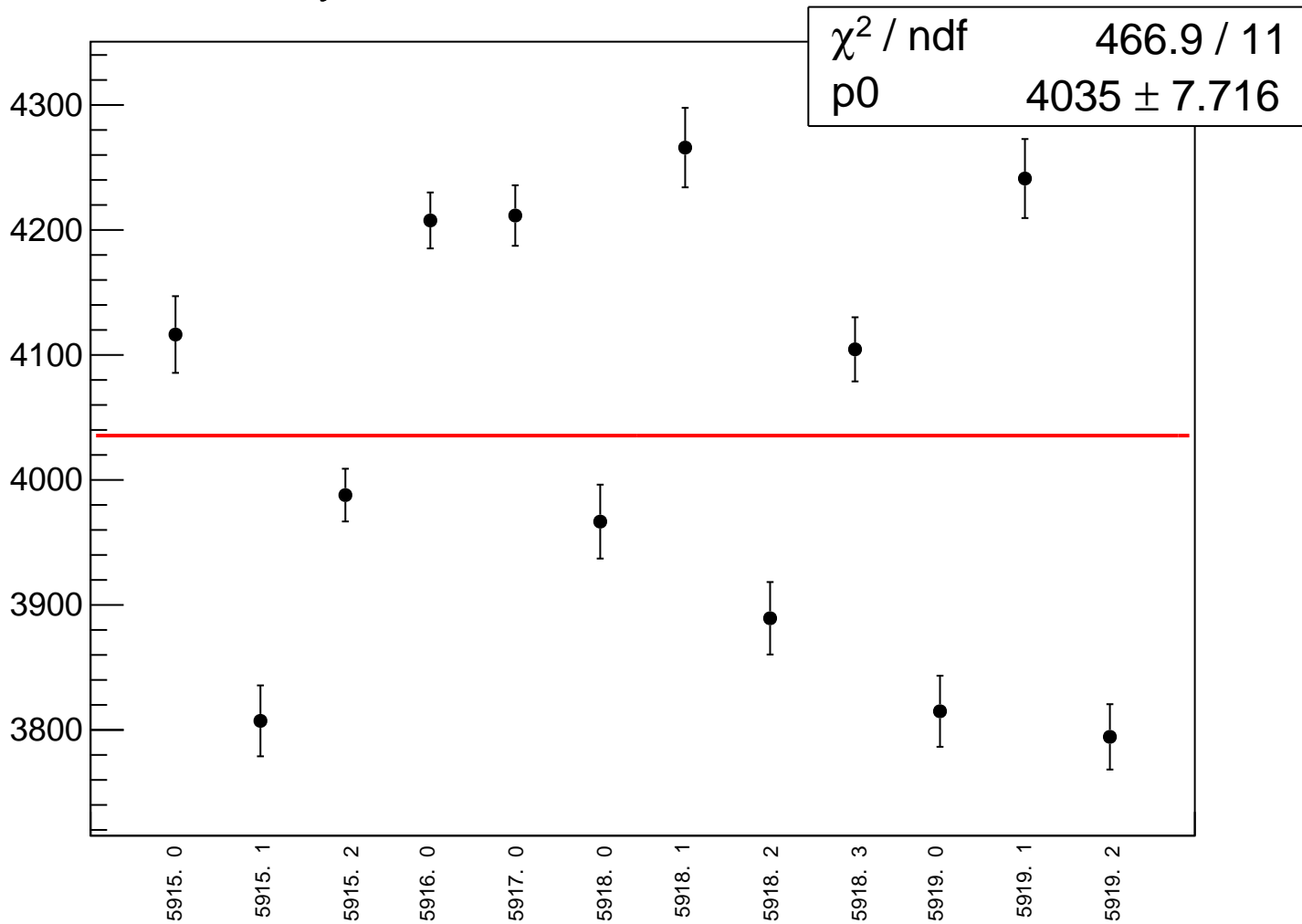
# dit\_asym\_sam4\_rms vs run



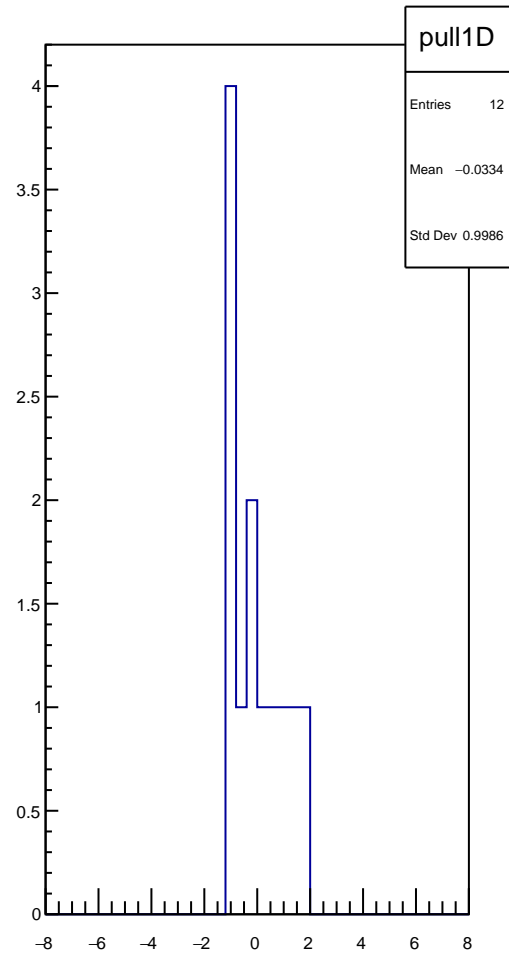
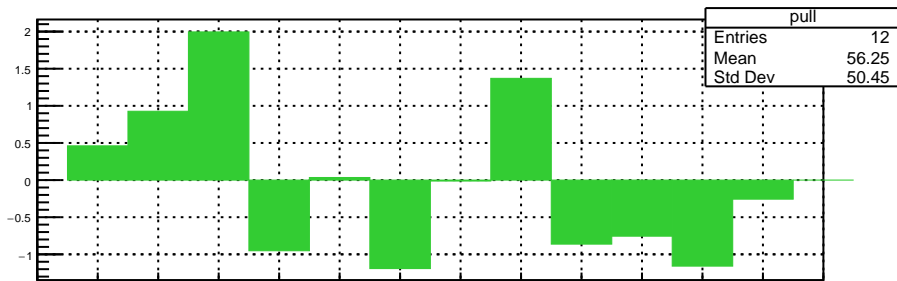
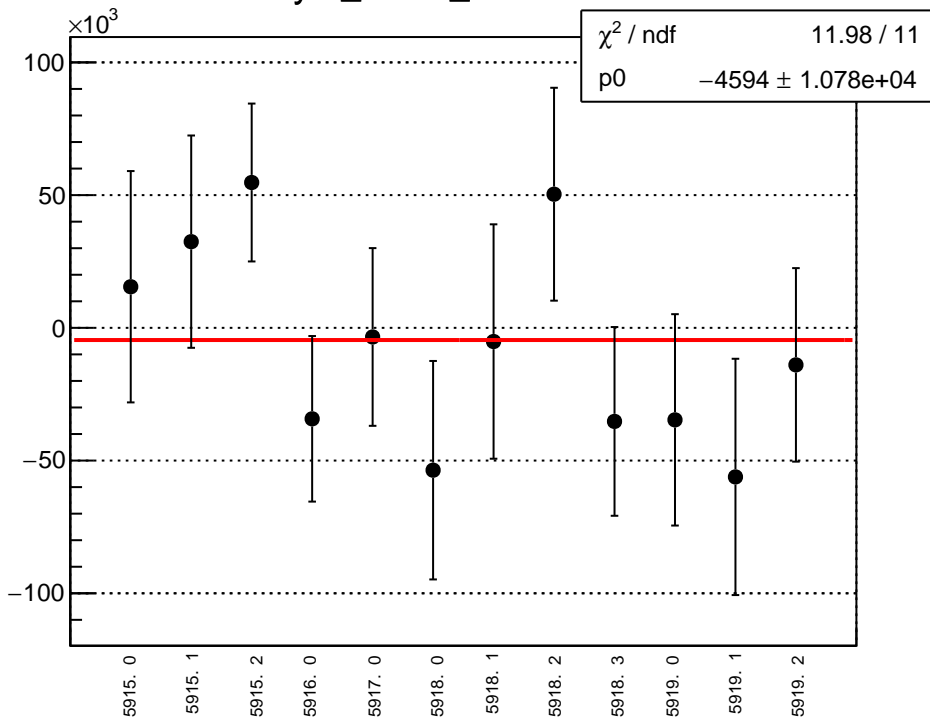
# asym\_sam4\_correction\_mean vs run



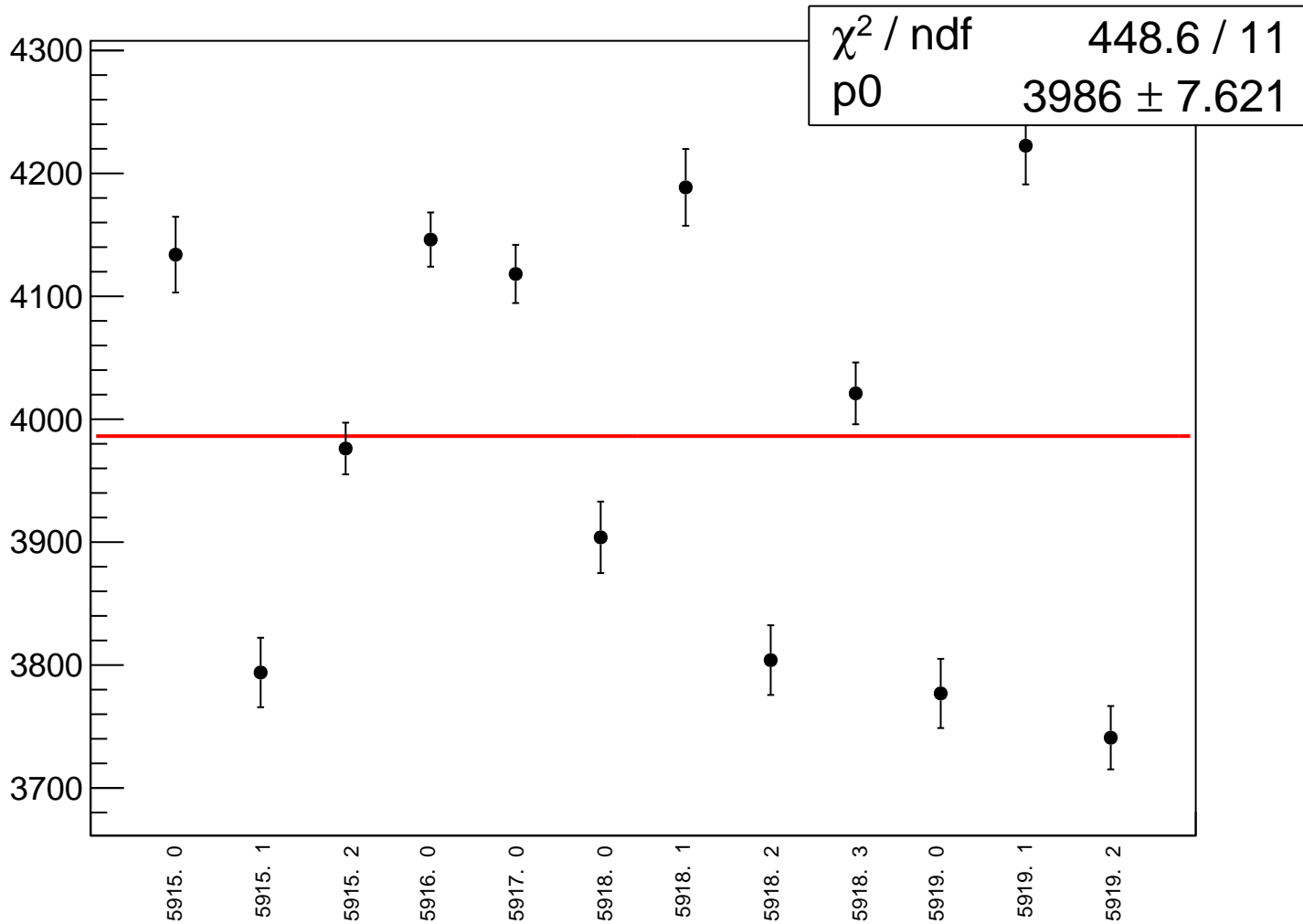
# asym\_sam4\_correction\_rms vs run



# asym\_sam4\_mean vs run

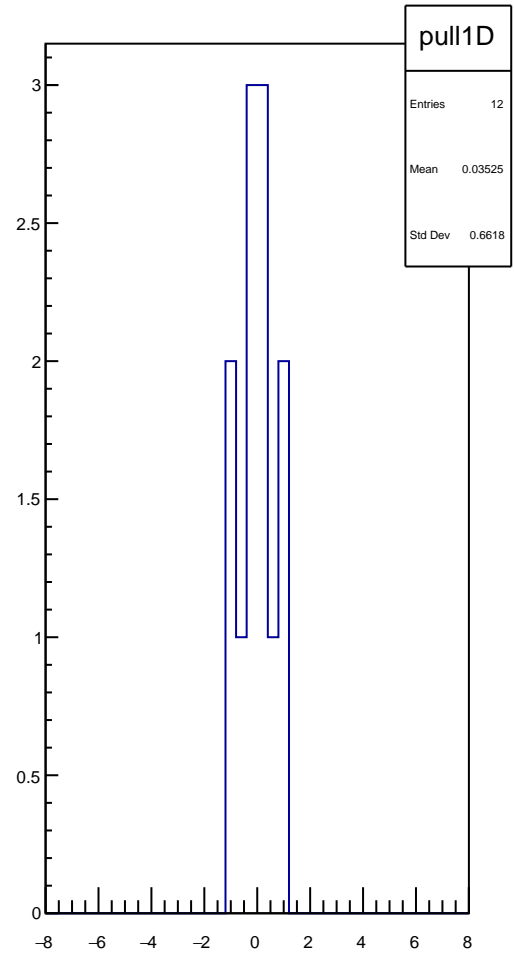
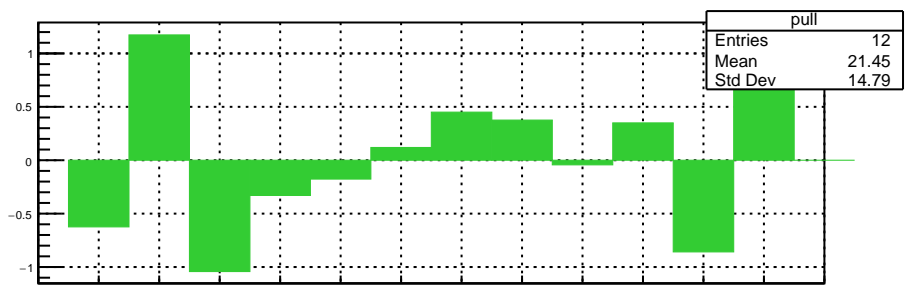
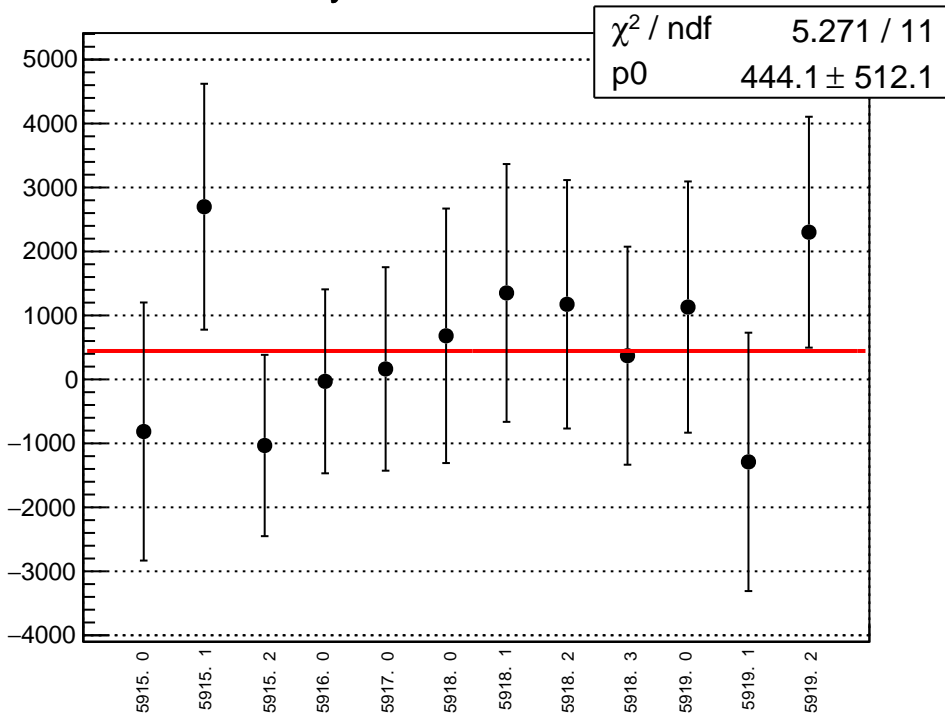


# asym\_sam4\_rms vs run

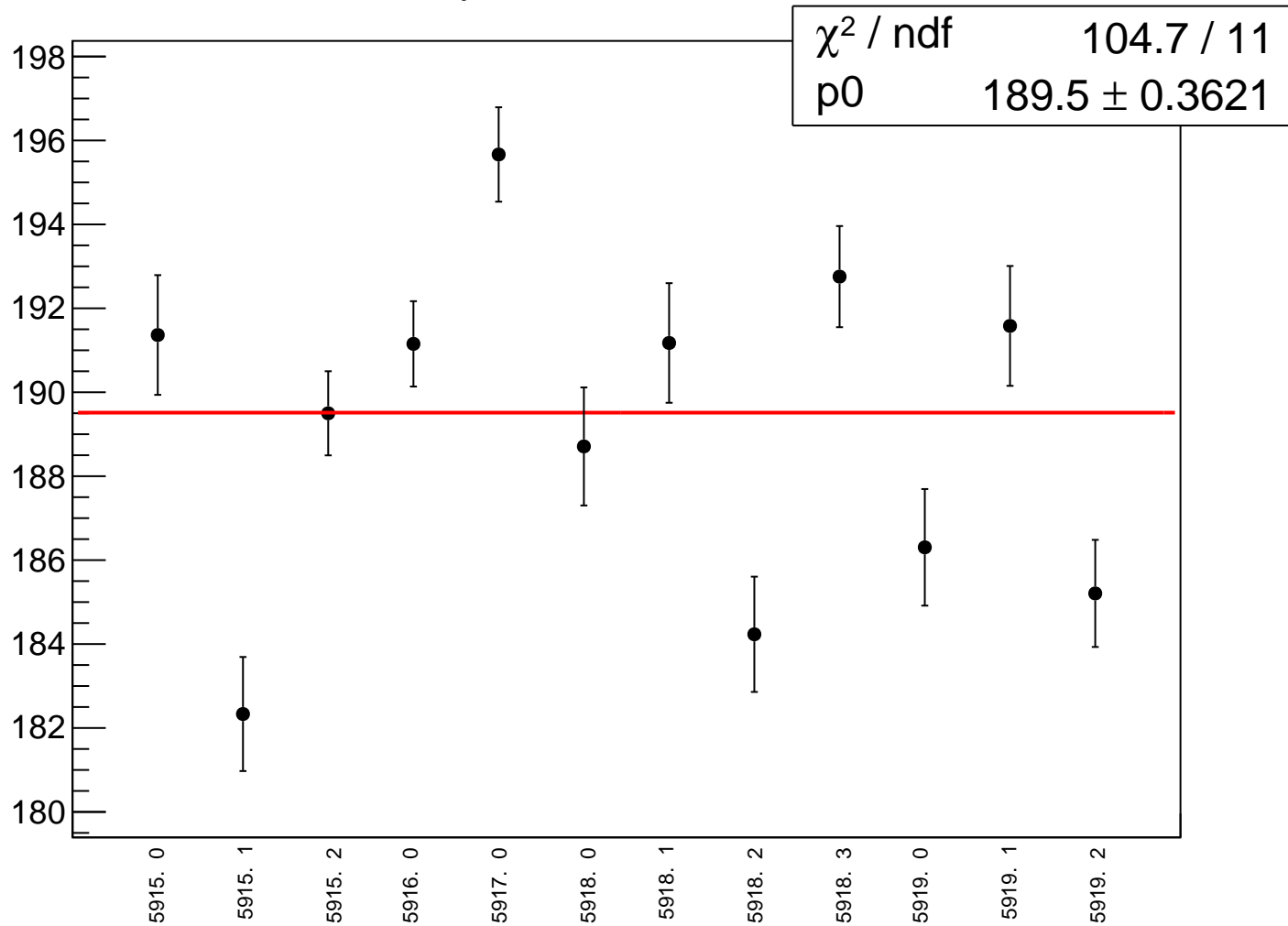




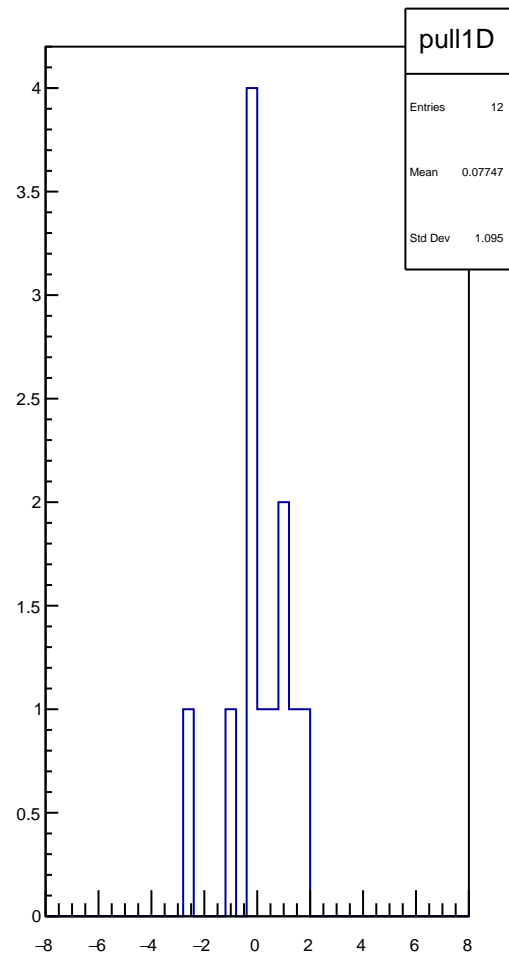
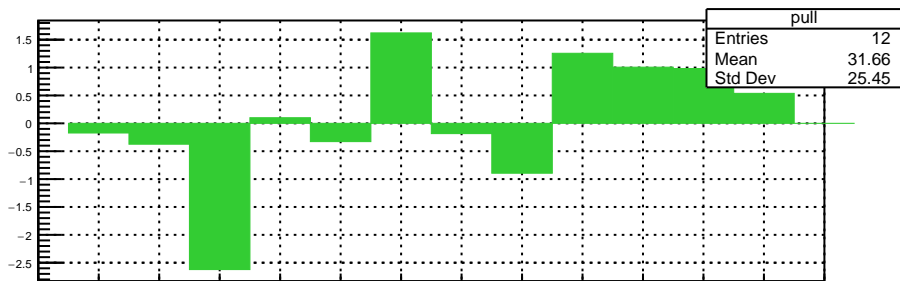
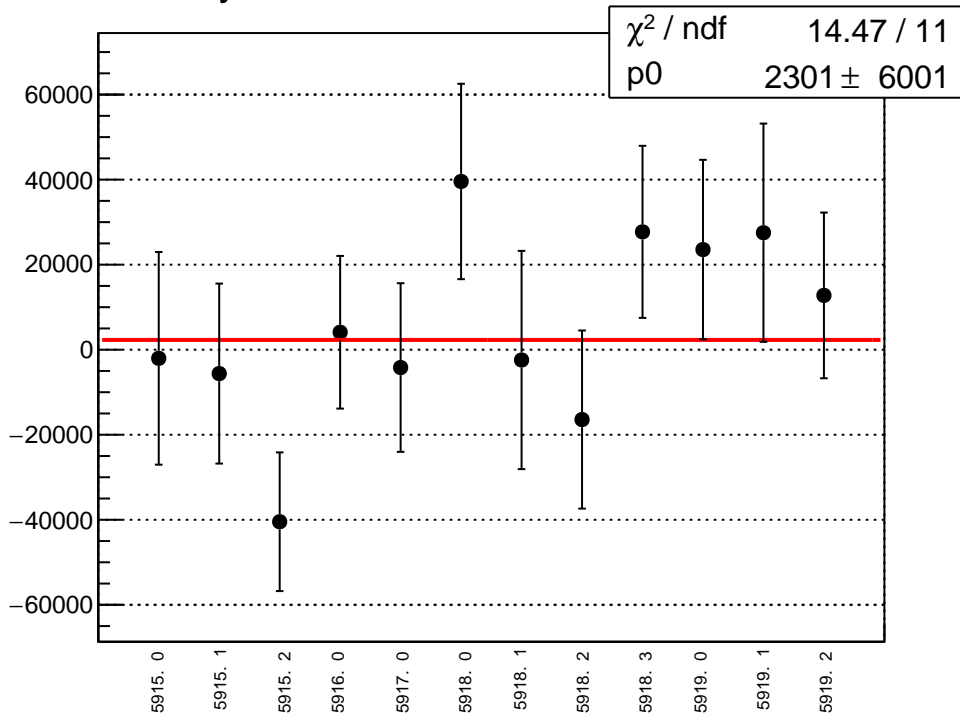
# dit\_asym\_sam5\_mean vs run



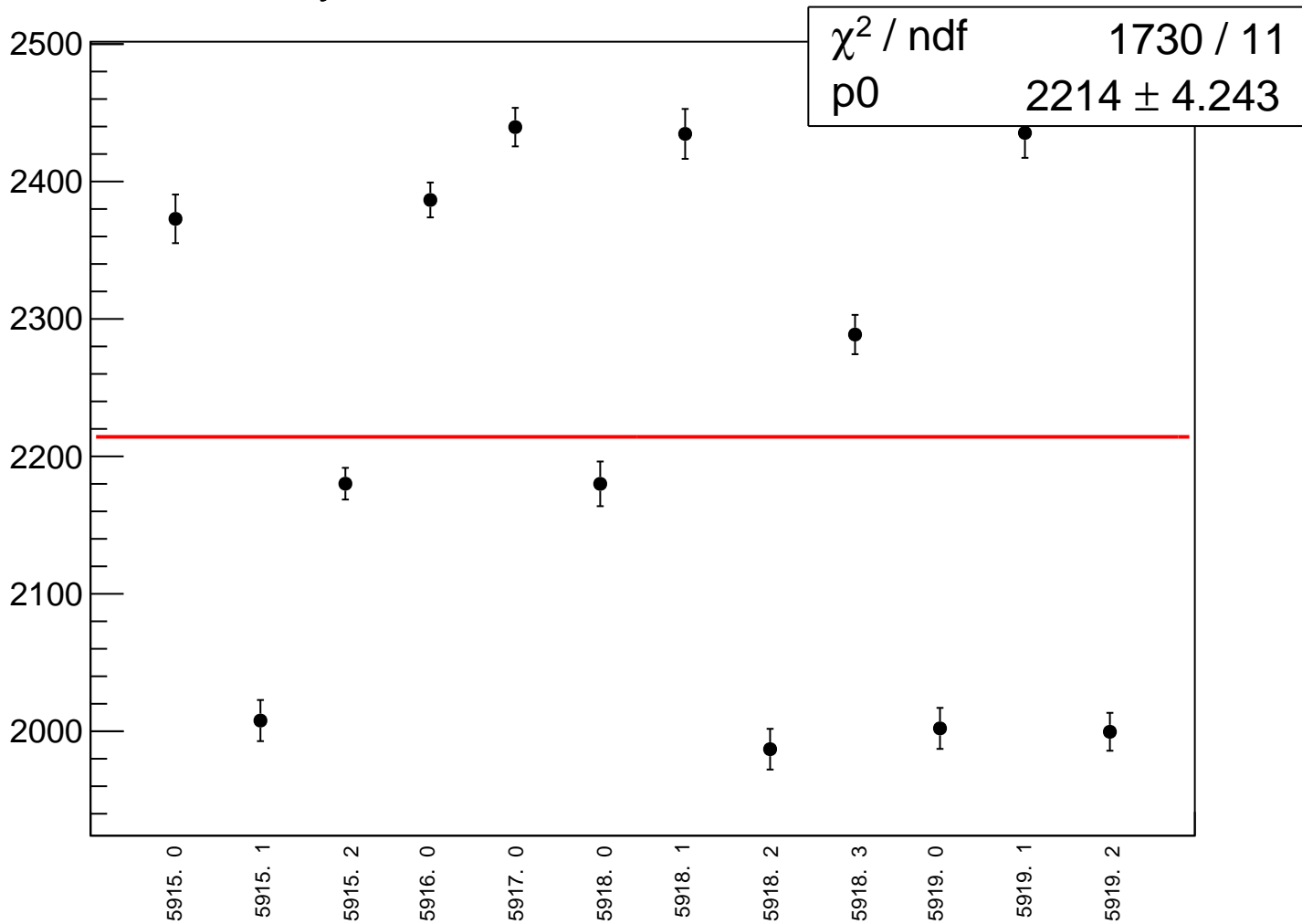
# dit\_asym\_sam5\_rms vs run



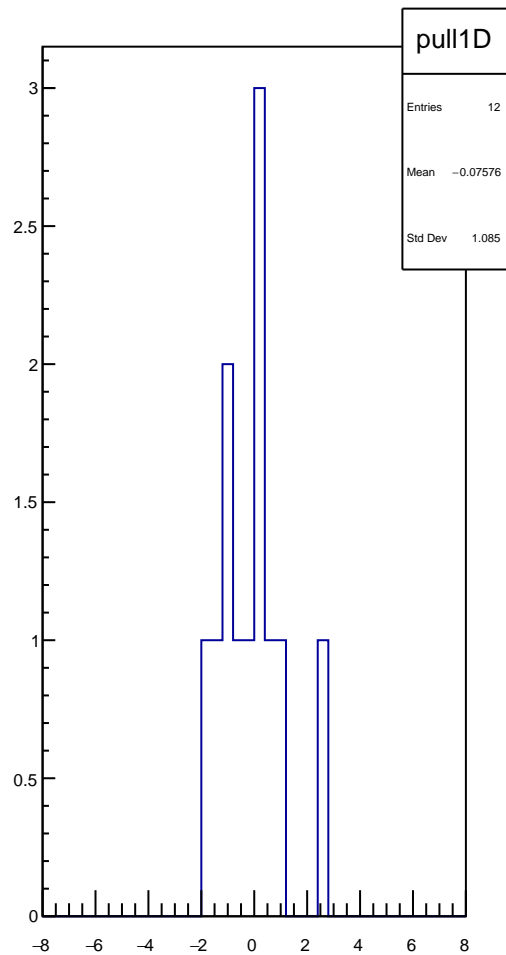
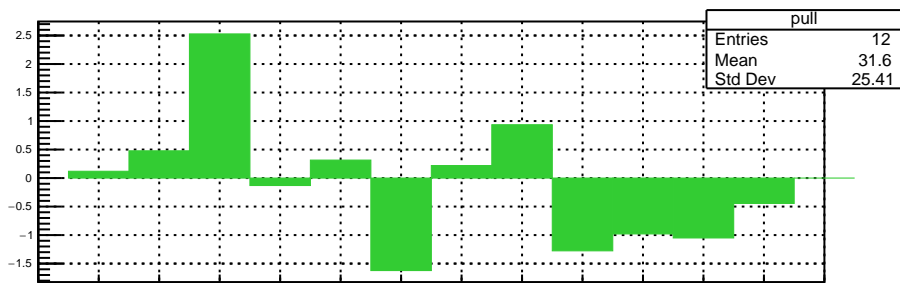
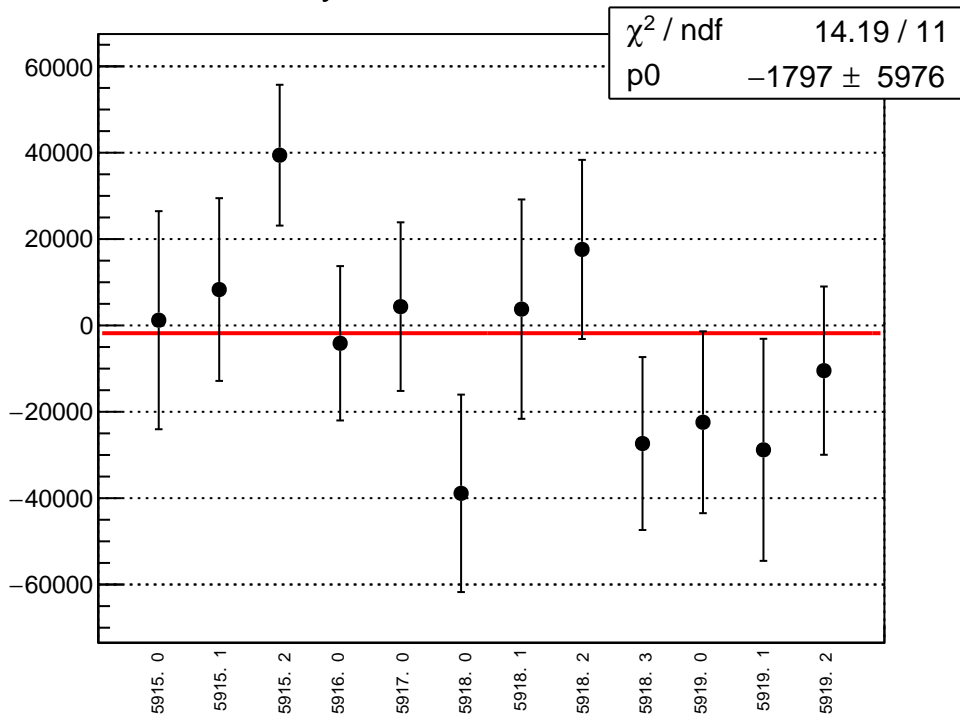
# asym\_sam5\_correction\_mean vs run



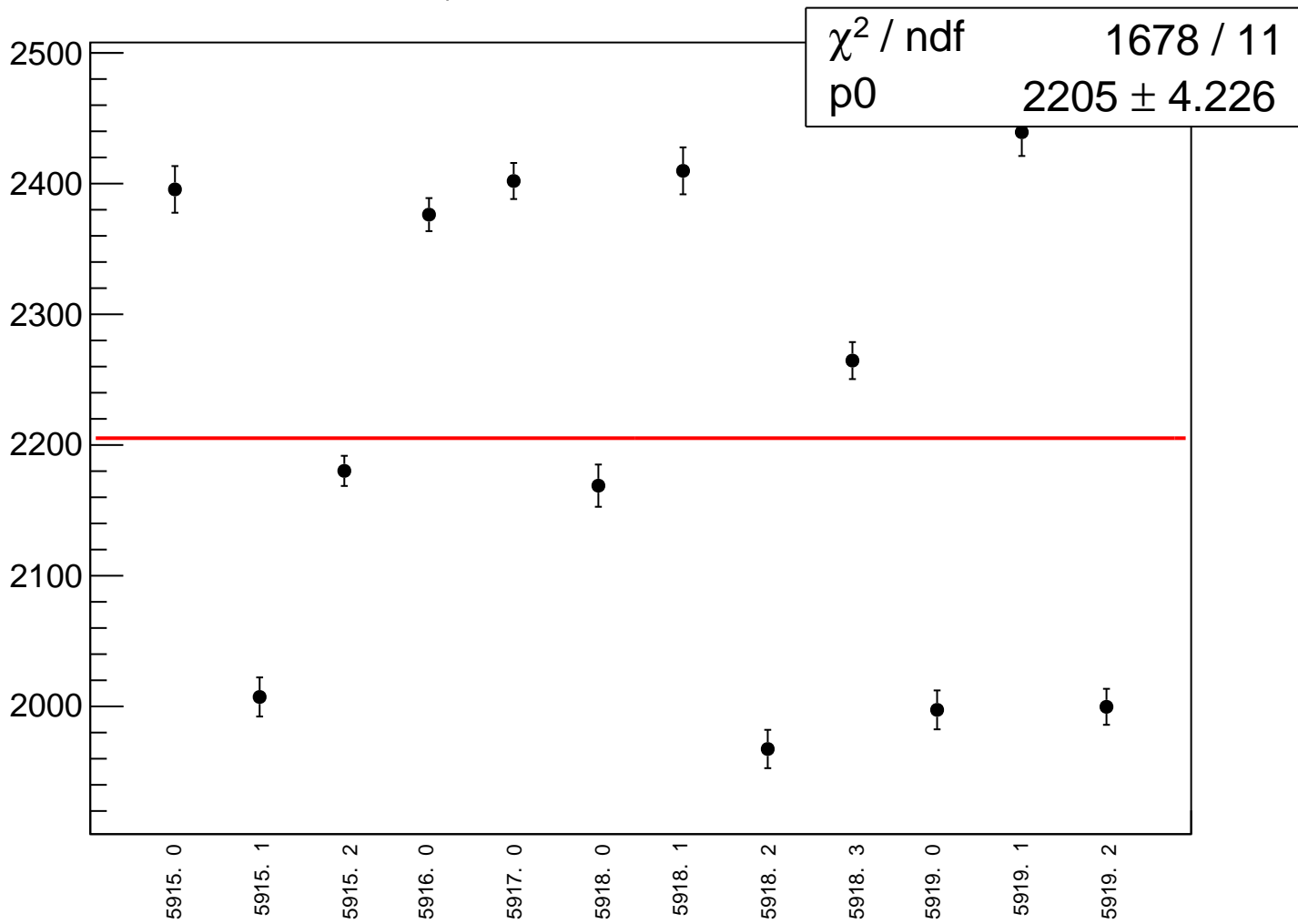
# asym\_sam5\_correction\_rms vs run



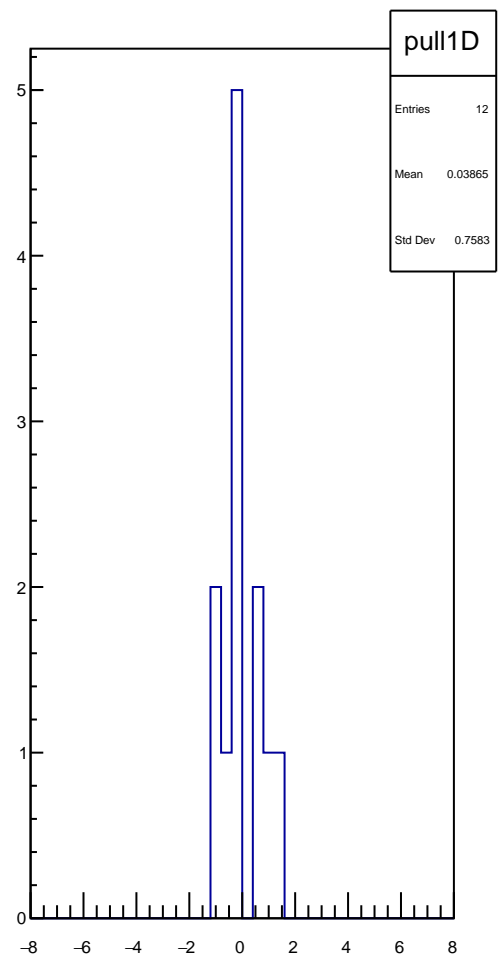
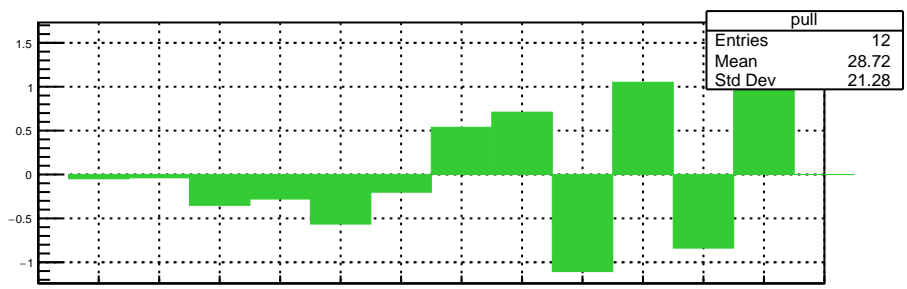
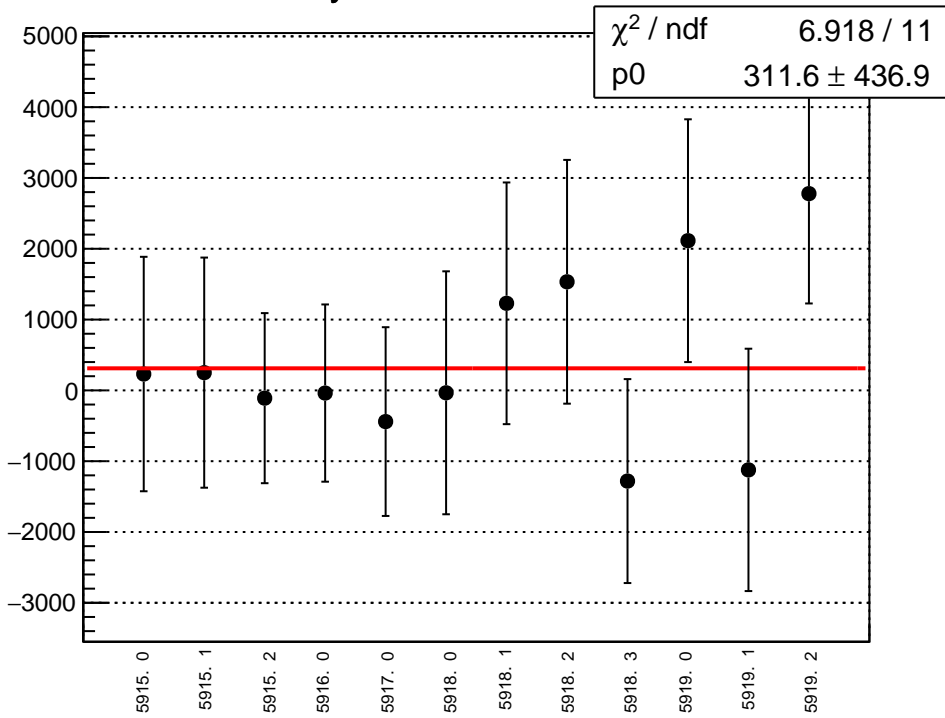
# asym\_sam5\_mean vs run



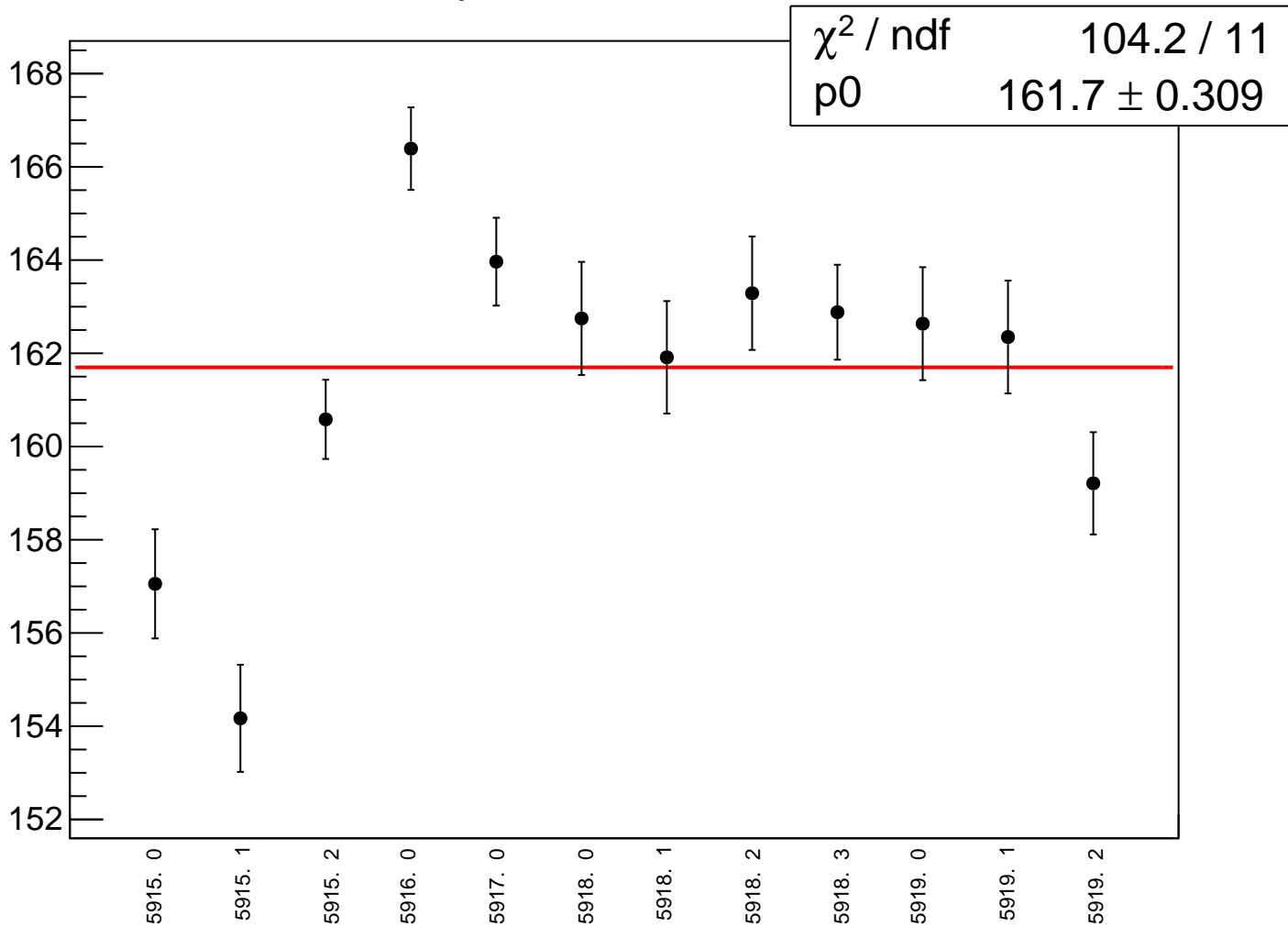
# asym\_sam5\_rms vs run



# dit\_asym\_sam6\_mean vs run

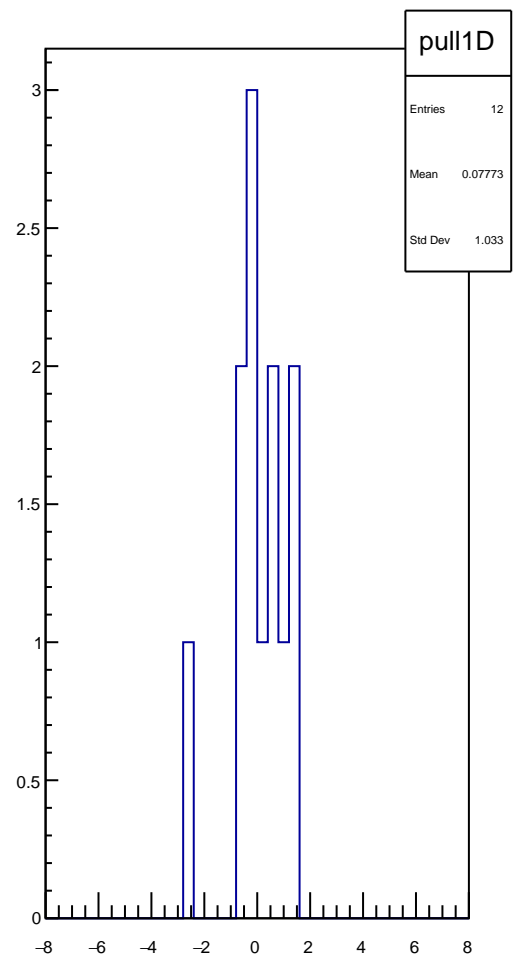
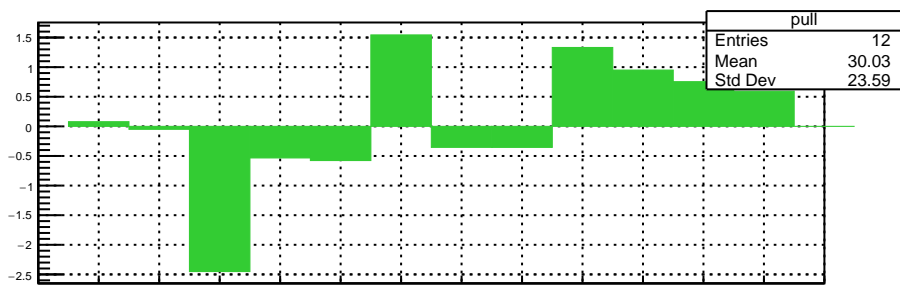
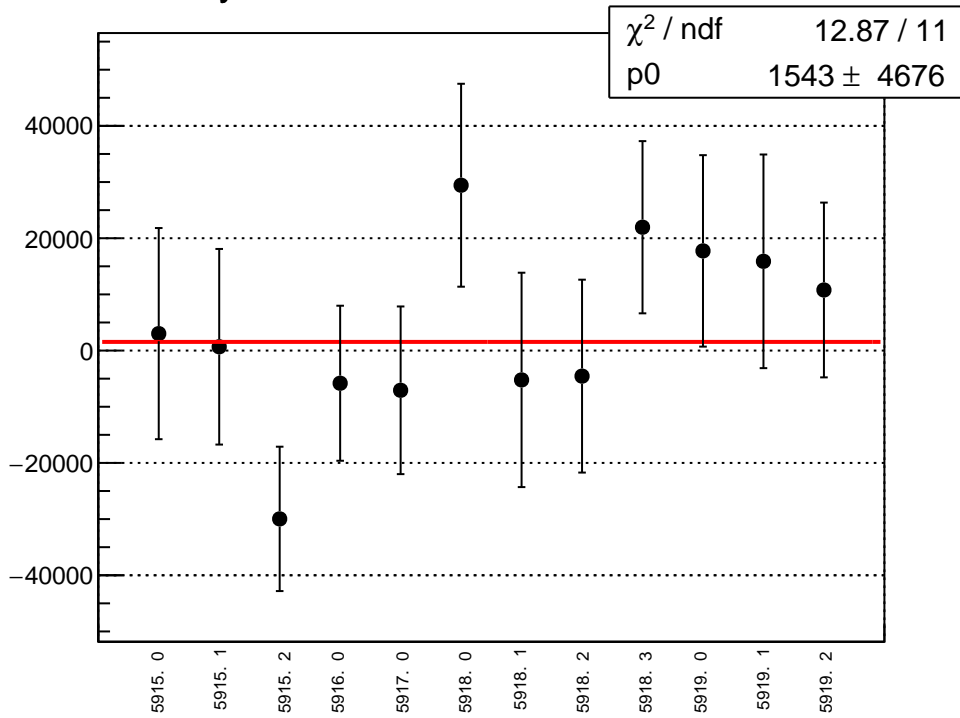


# dit\_asym\_sam6\_rms vs run

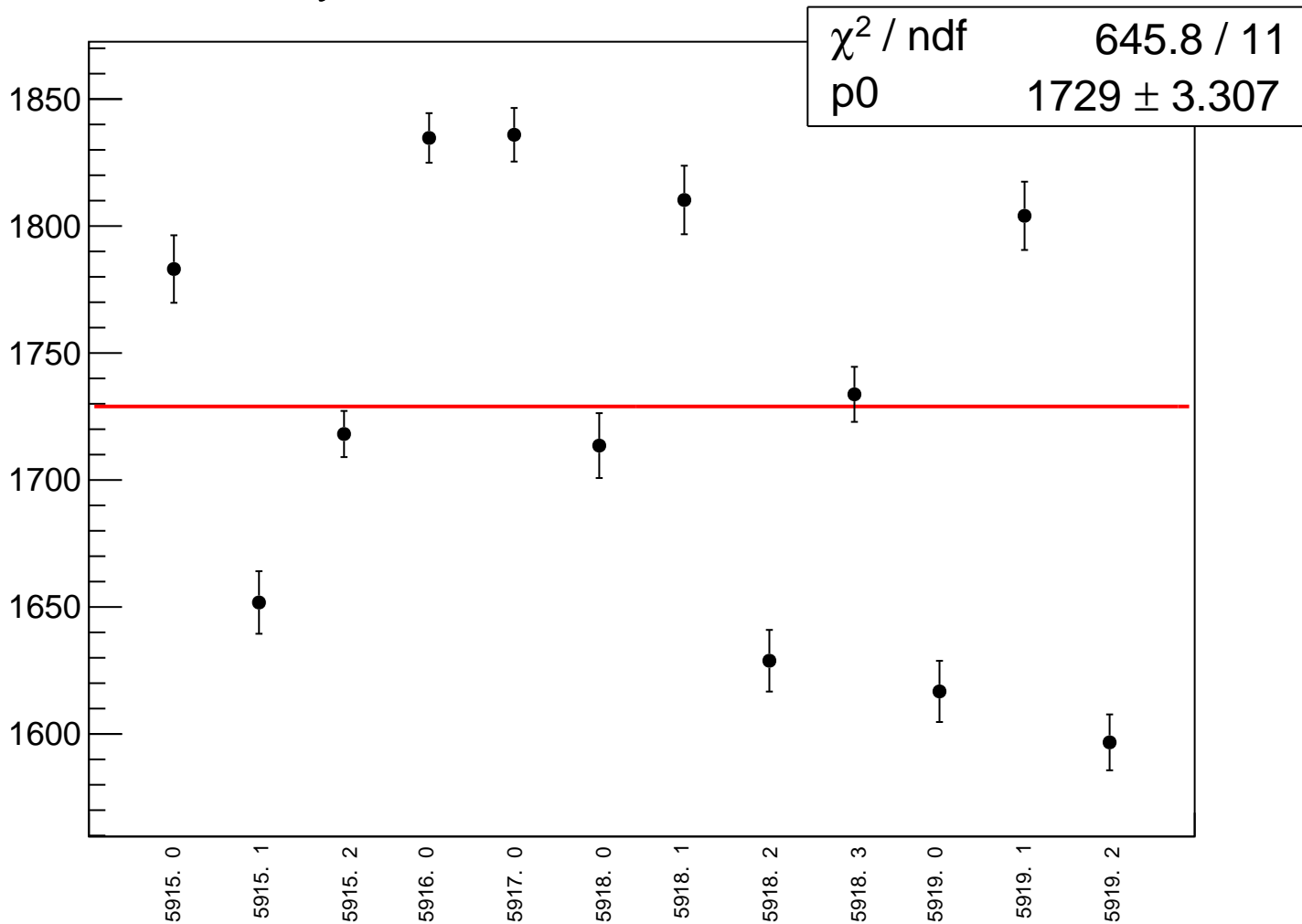




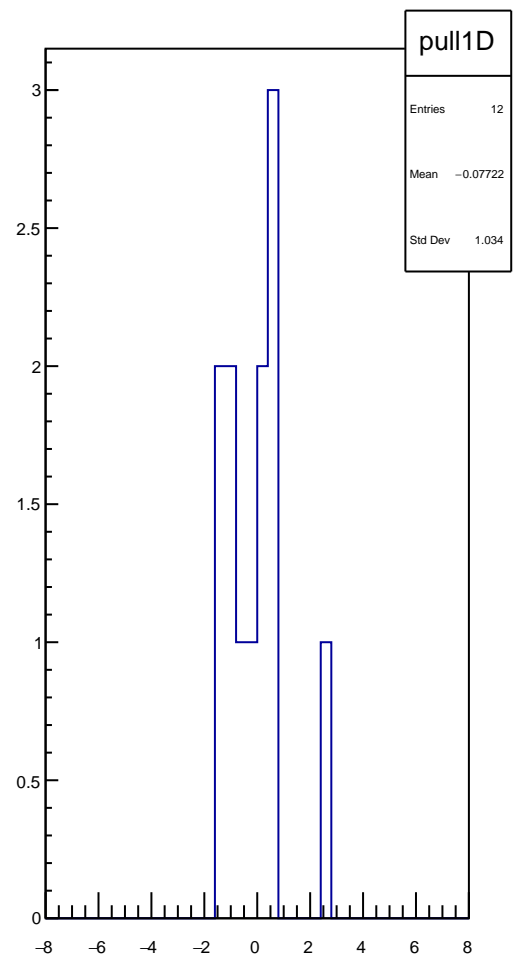
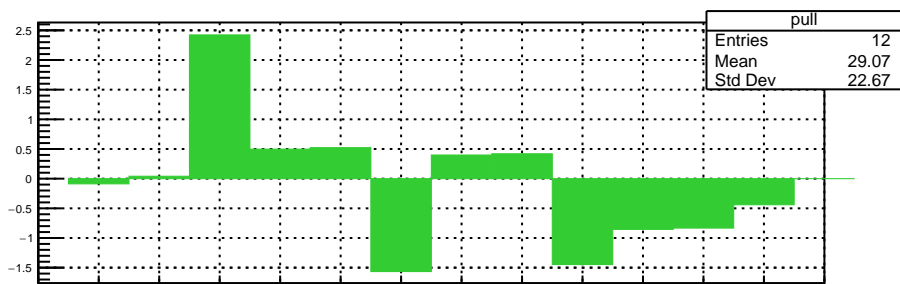
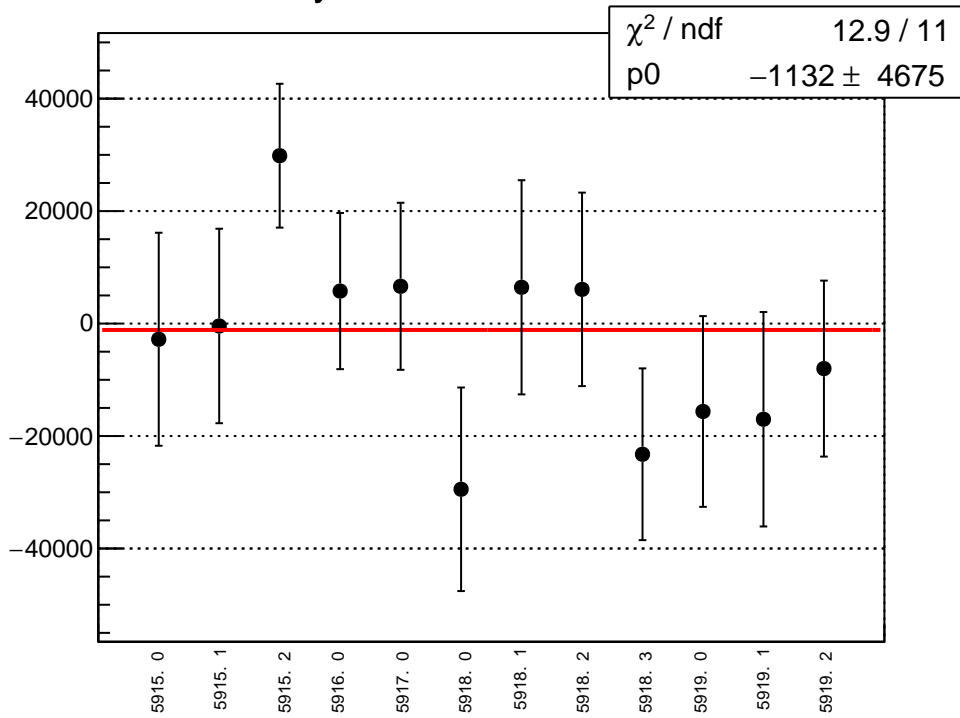
# asym\_sam6\_correction\_mean vs run



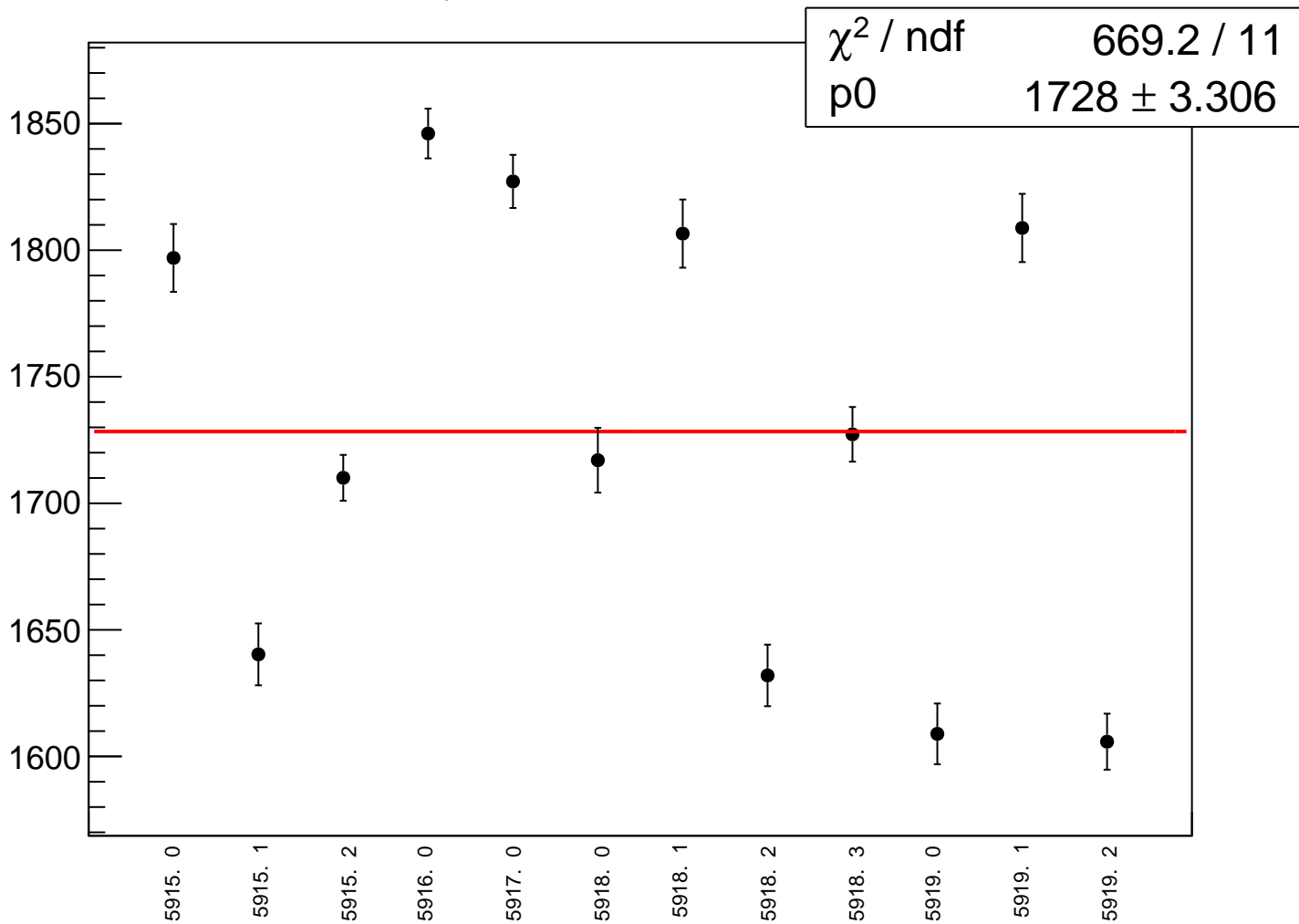
# asym\_sam6\_correction\_rms vs run



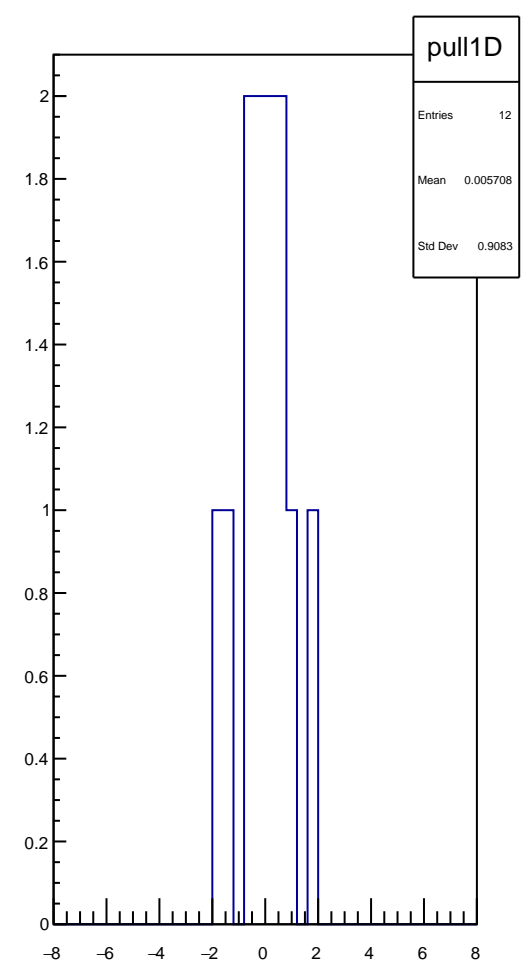
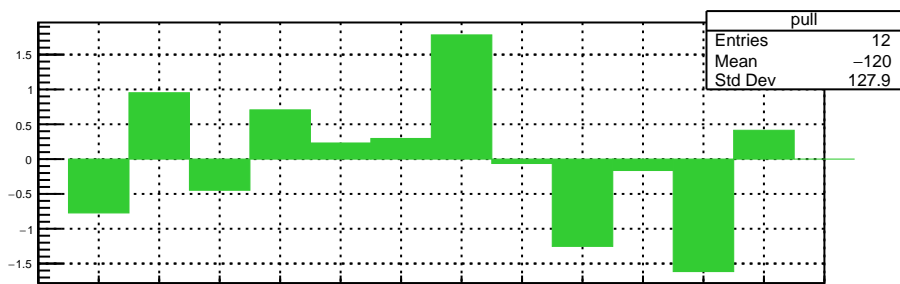
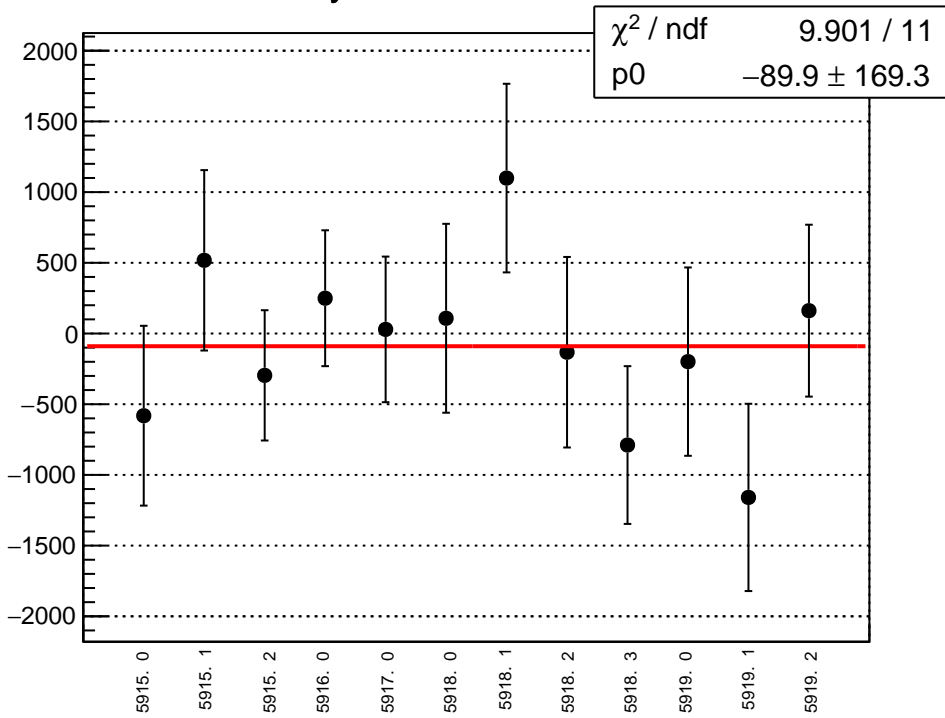
# asym\_sam6\_mean vs run



# asym\_sam6\_rms vs run

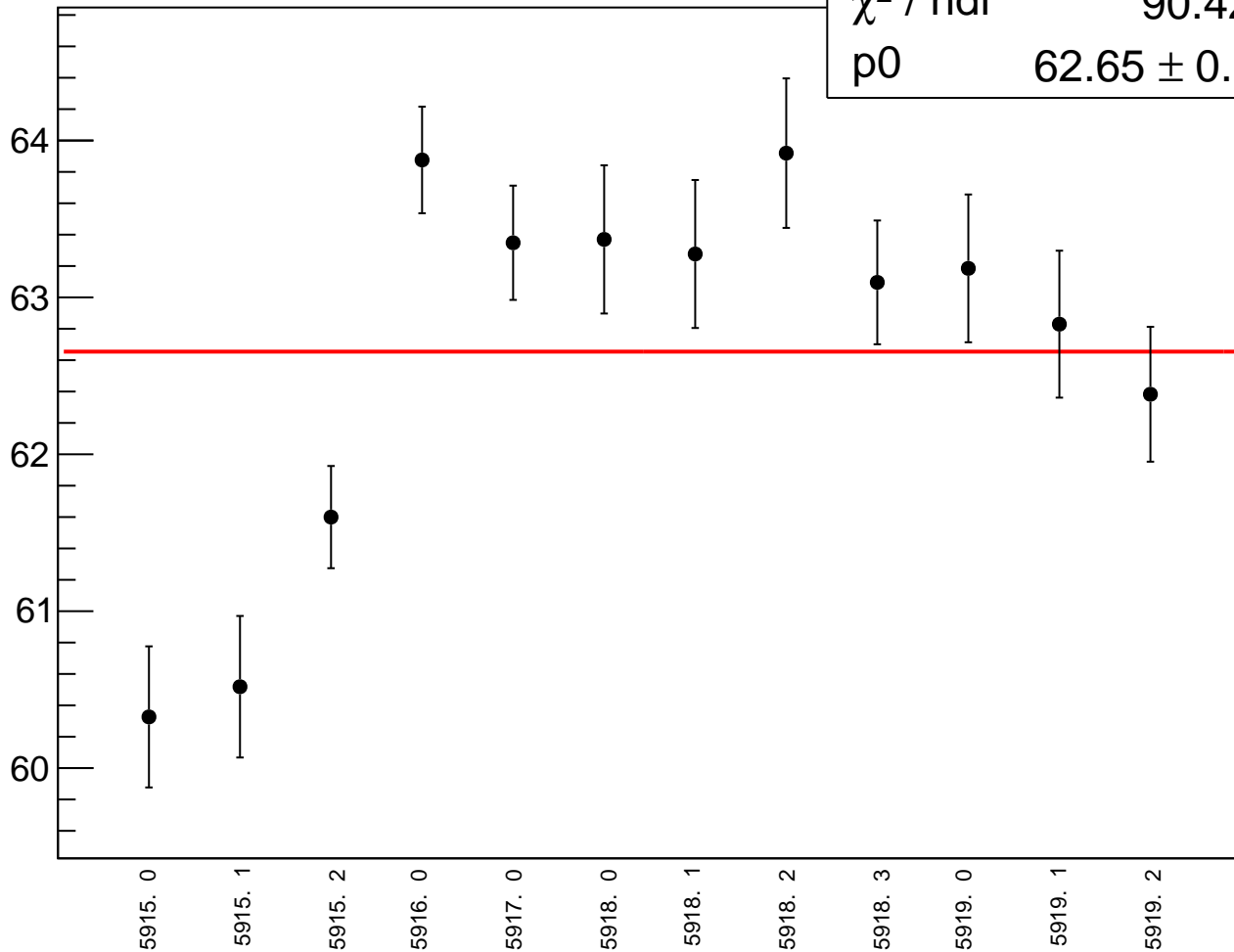


# dit\_asym\_sam7\_mean vs run

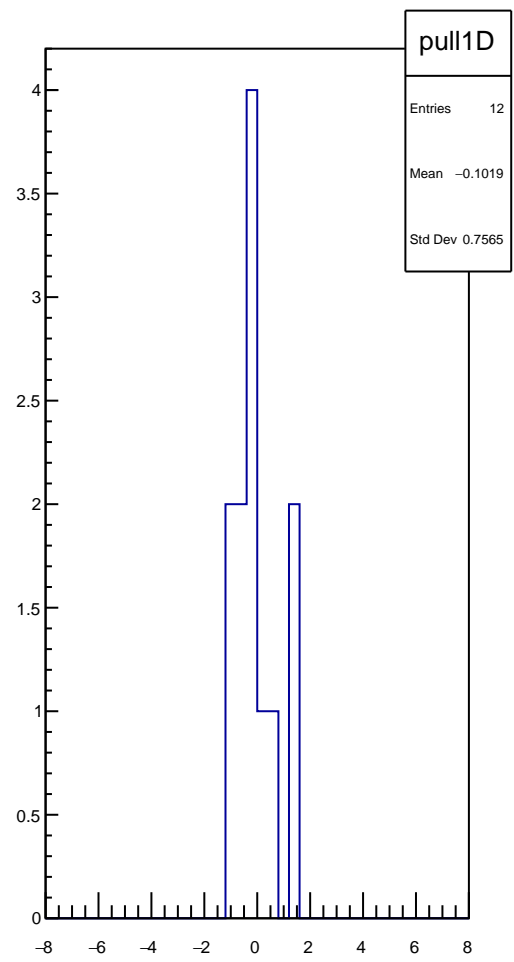
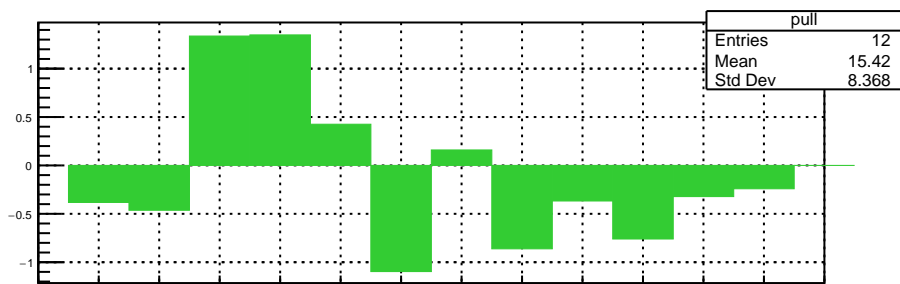
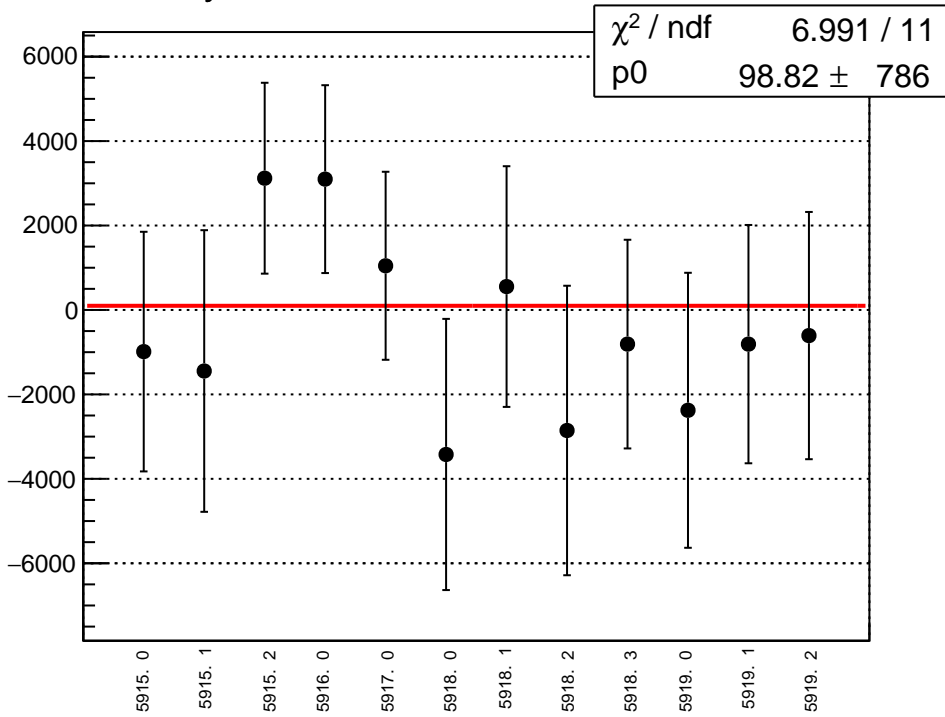


# dit\_asym\_sam7\_rms vs run

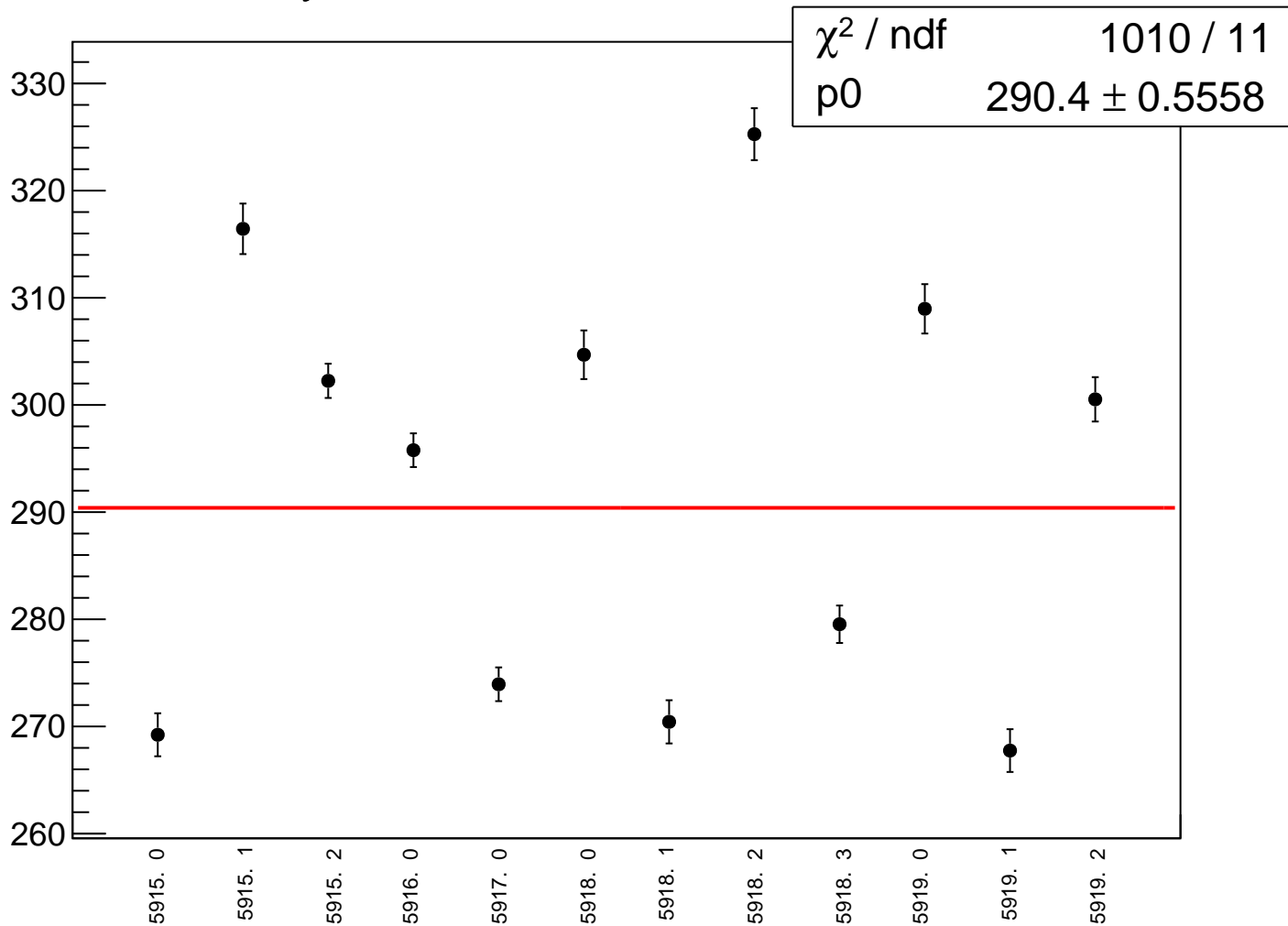
$\chi^2 / \text{ndf}$  90.42 / 11  
p0  $62.65 \pm 0.1197$



# asym\_sam7\_correction\_mean vs run

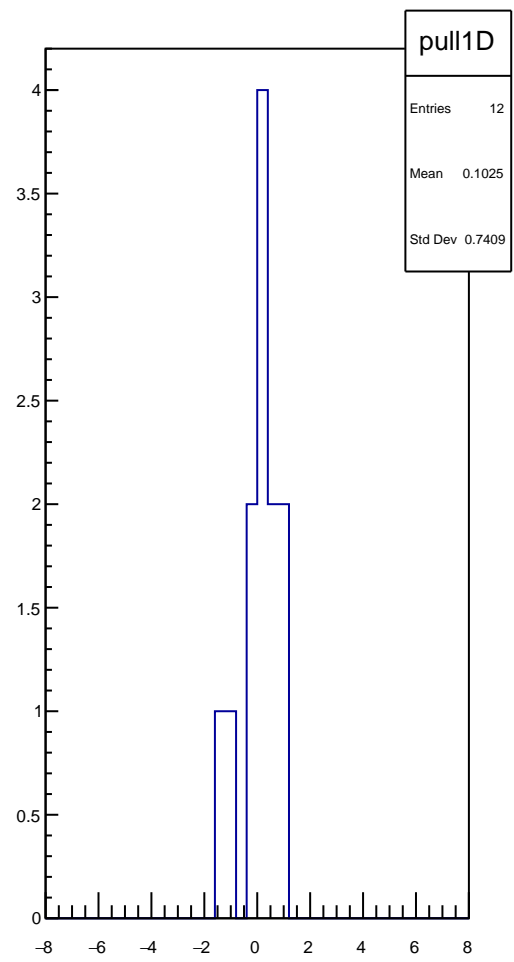
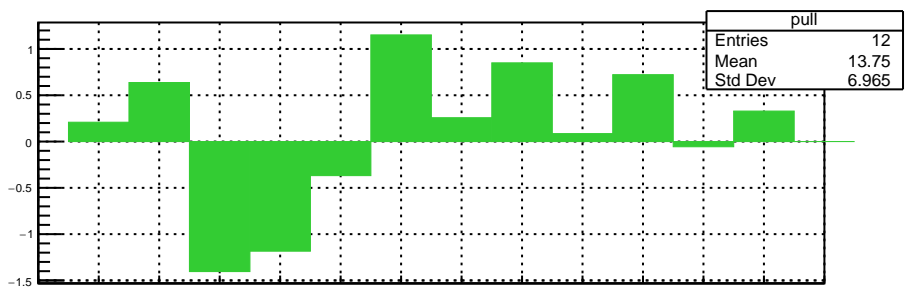
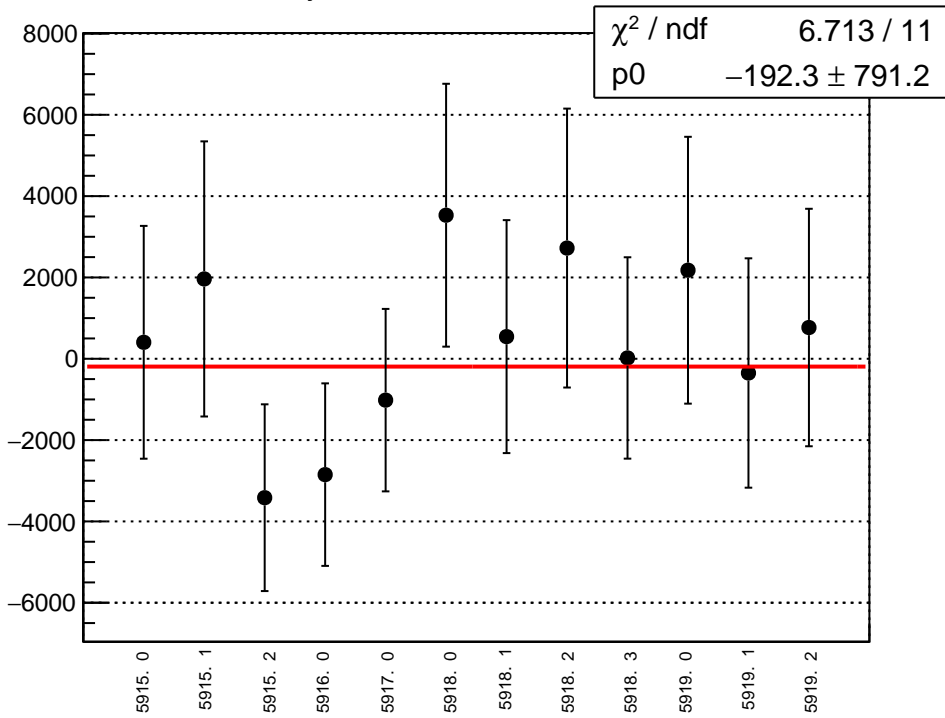


# asym\_sam7\_correction\_rms vs run

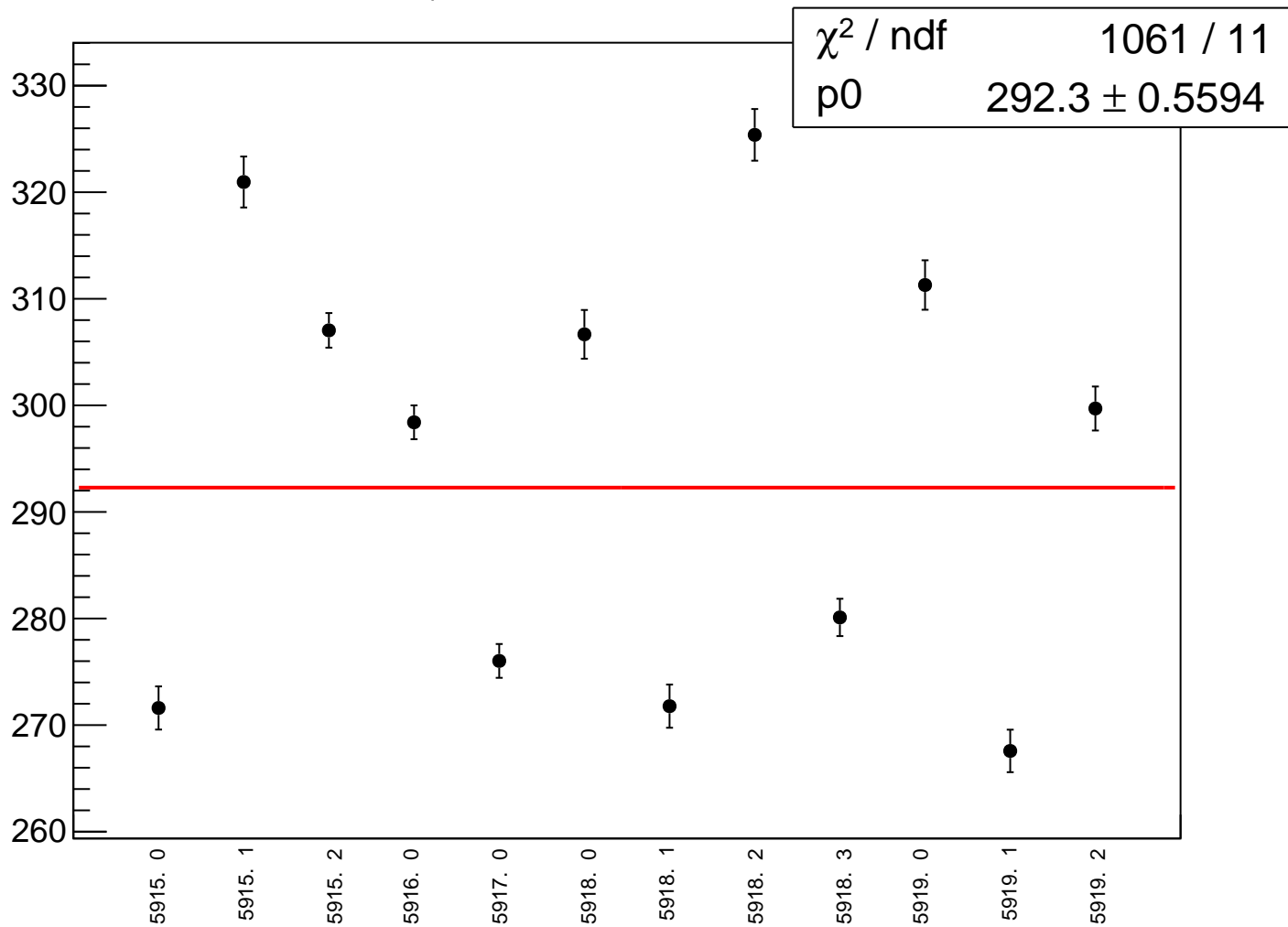




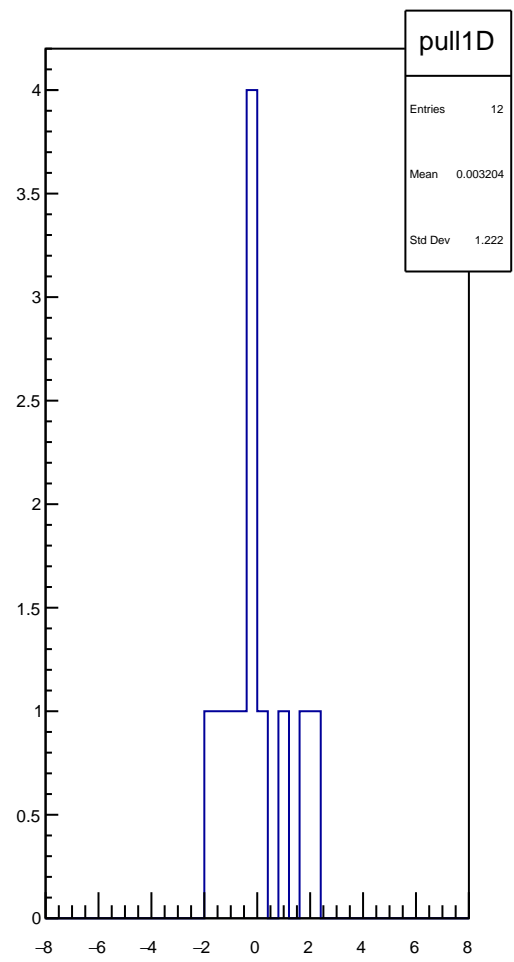
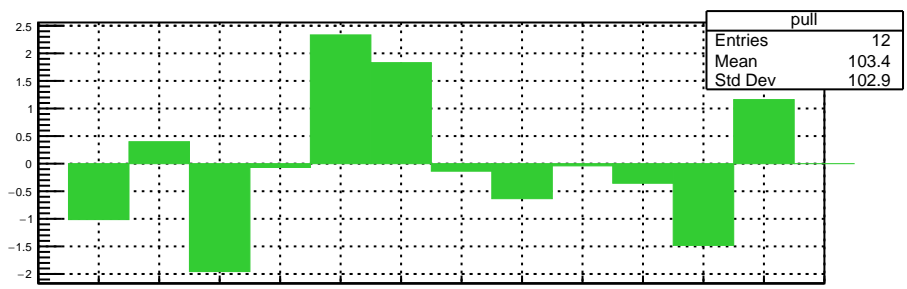
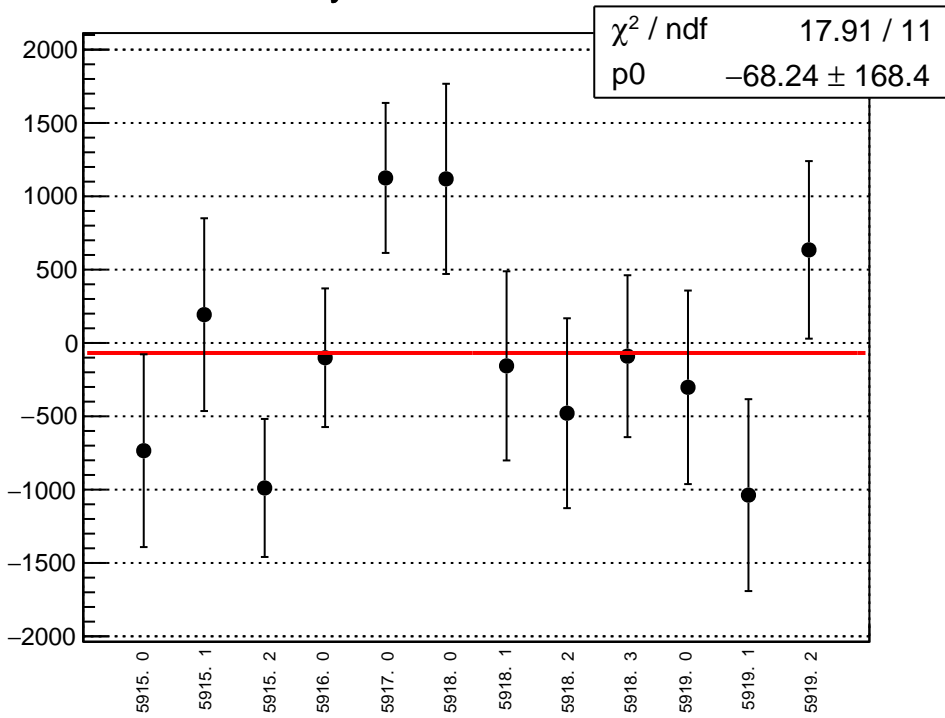
# asym\_sam7\_mean vs run



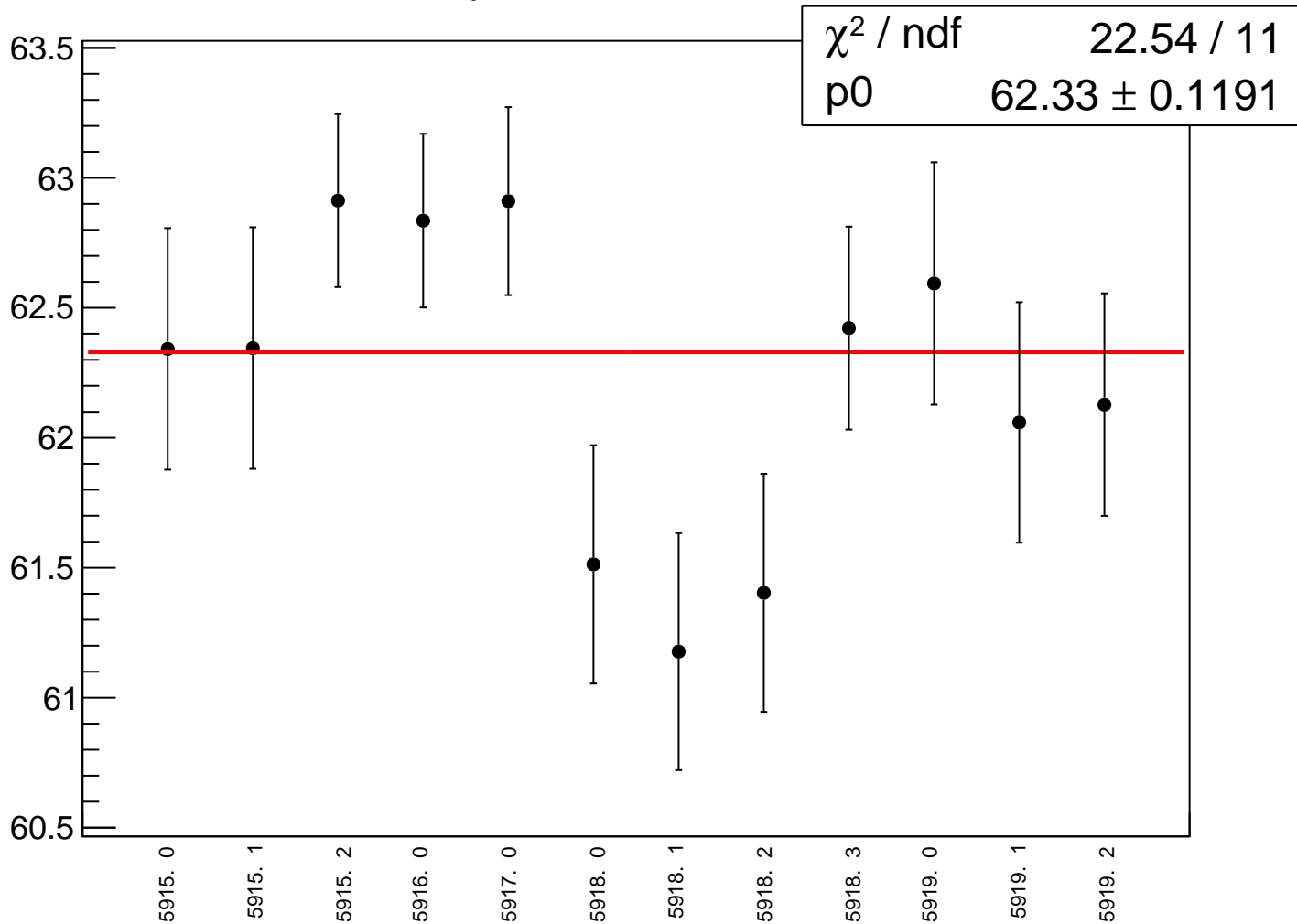
# asym\_sam7\_rms vs run



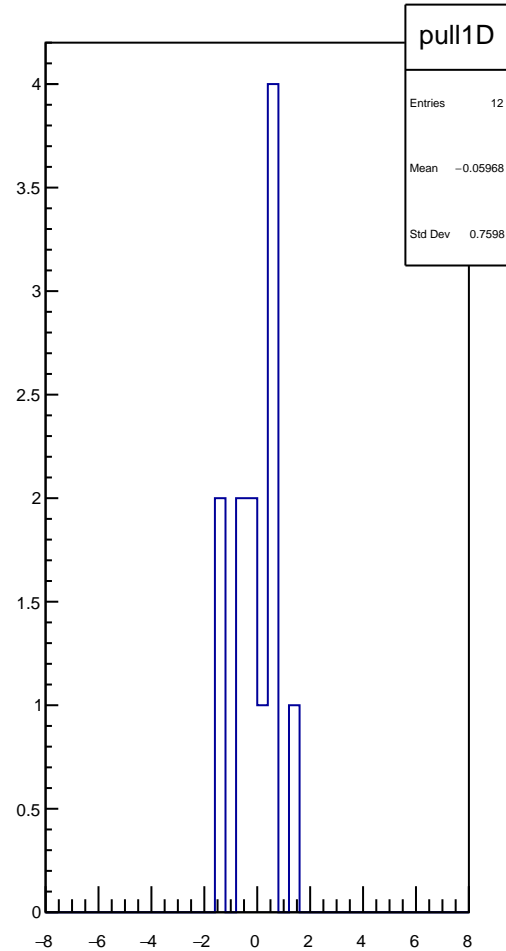
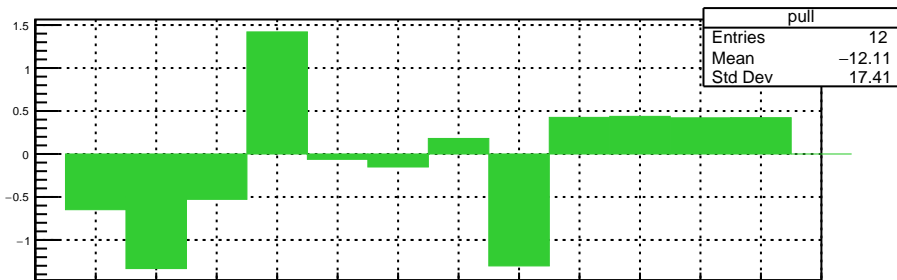
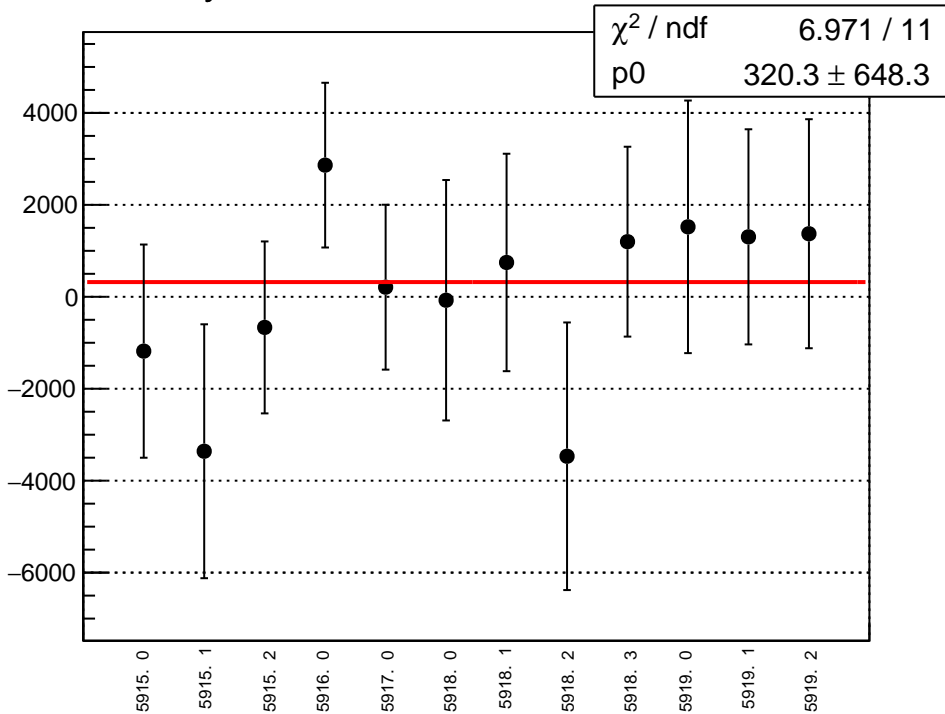
# dit\_asym\_sam8\_mean vs run



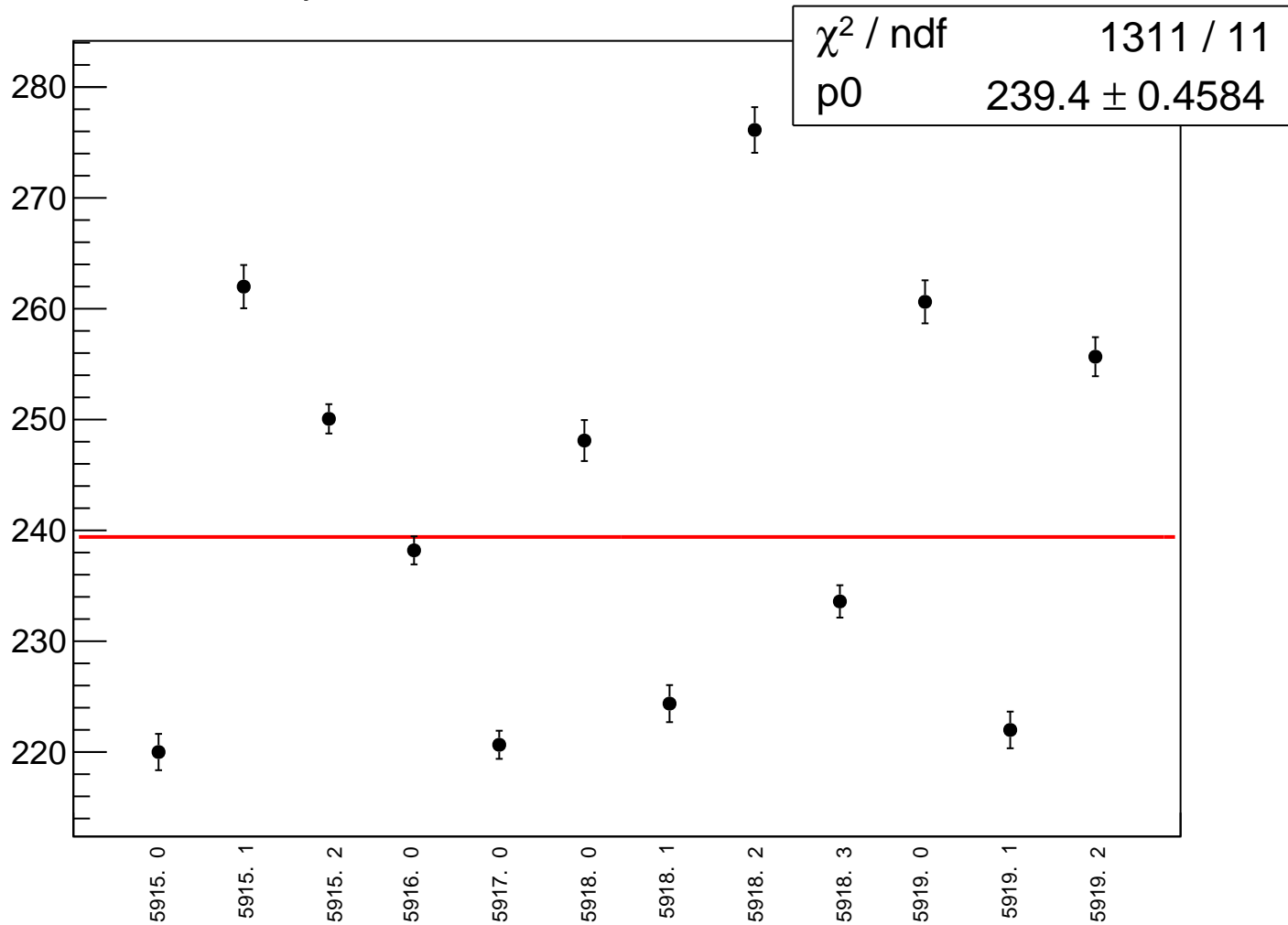
# dit\_asym\_sam8\_rms vs run



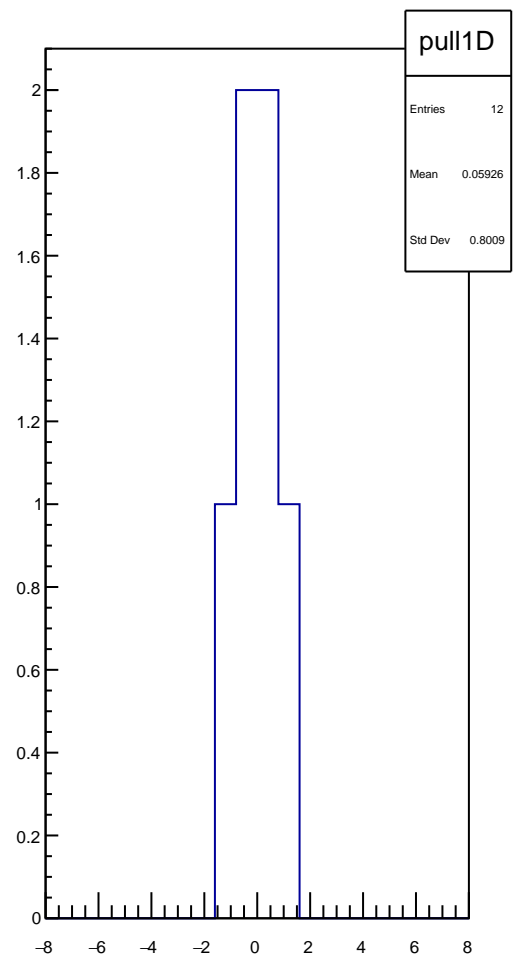
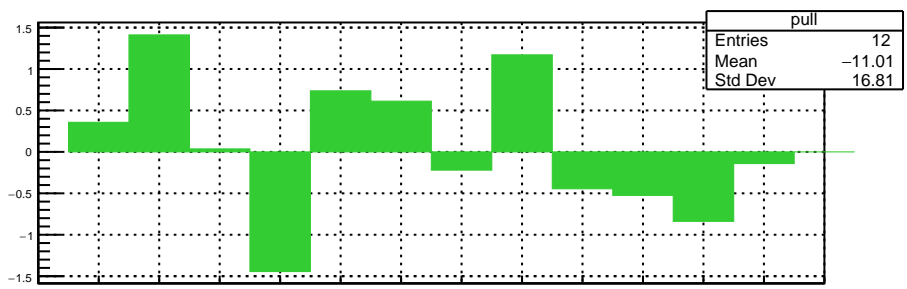
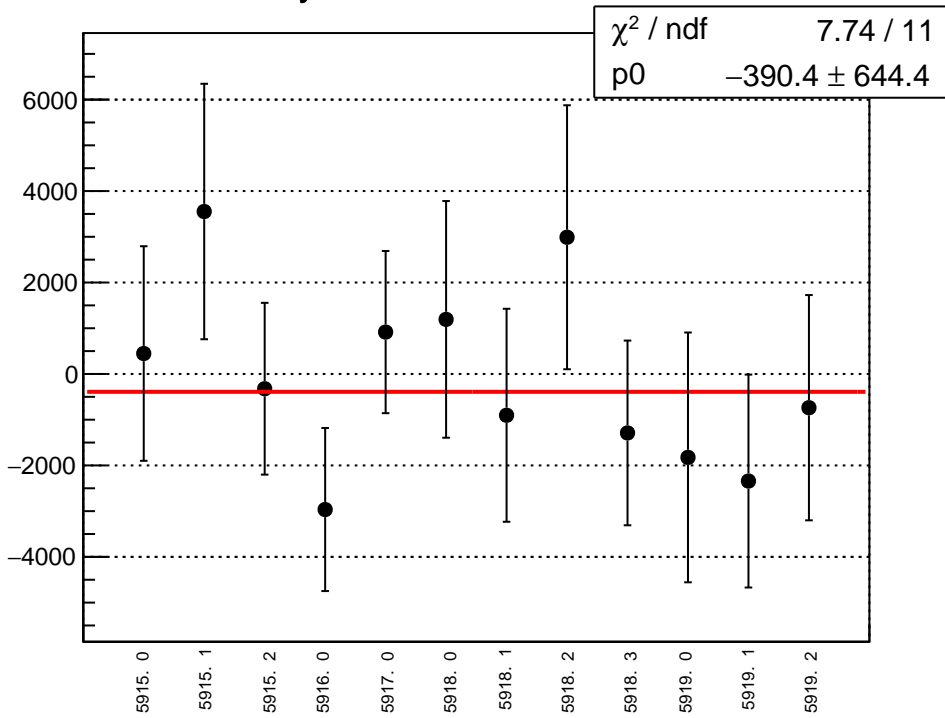
# asym\_sam8\_correction\_mean vs run



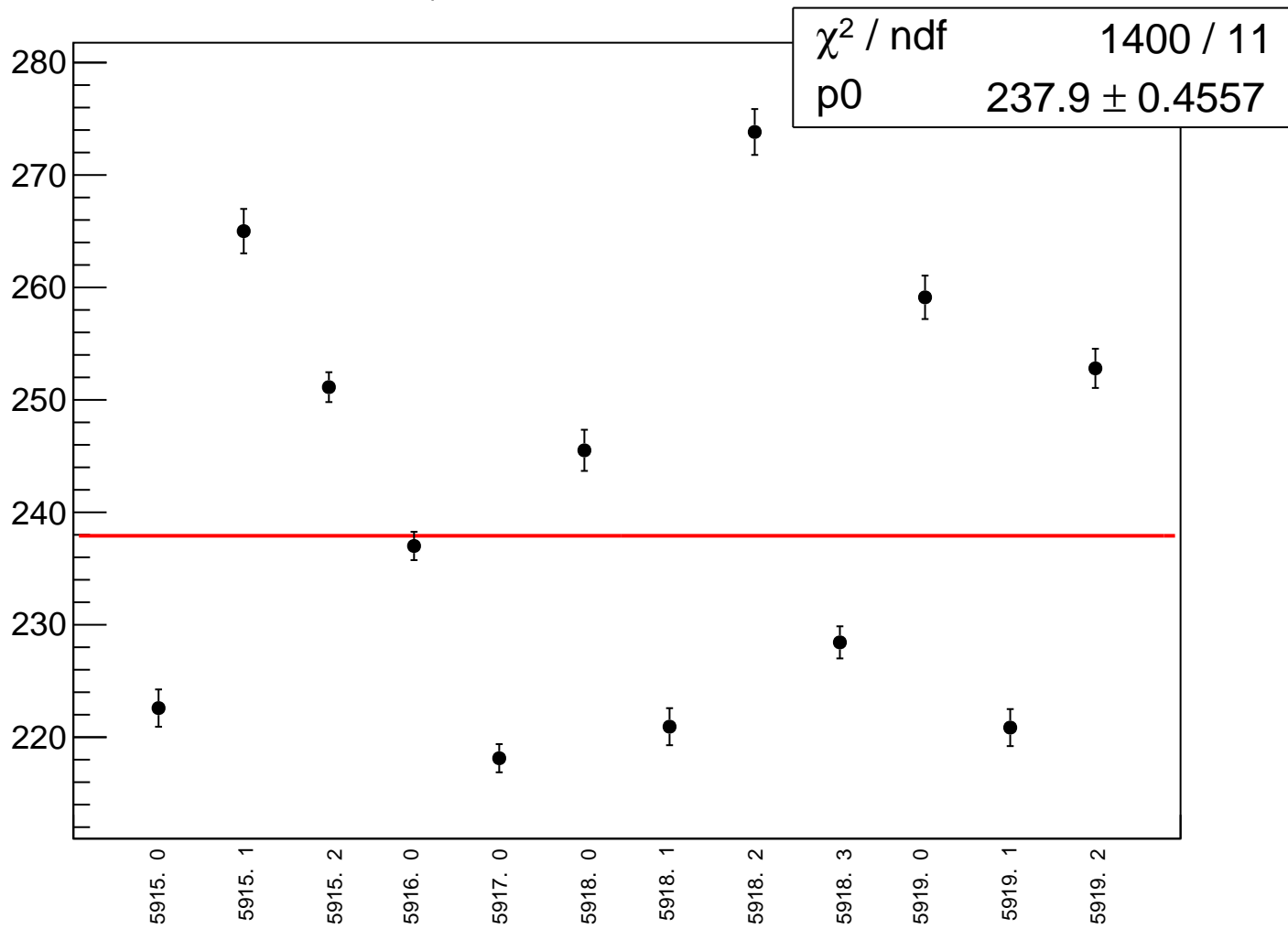
# asym\_sam8\_correction\_rms vs run



# asym\_sam8\_mean vs run

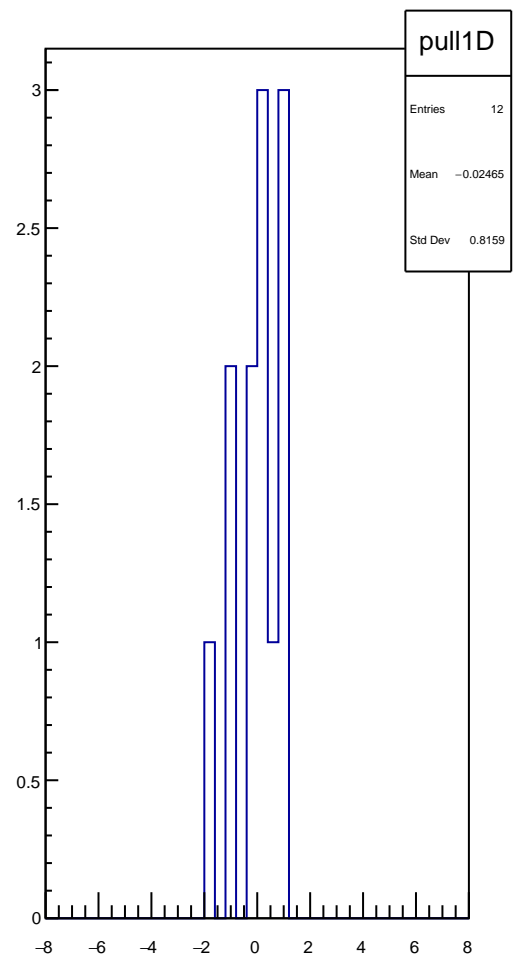
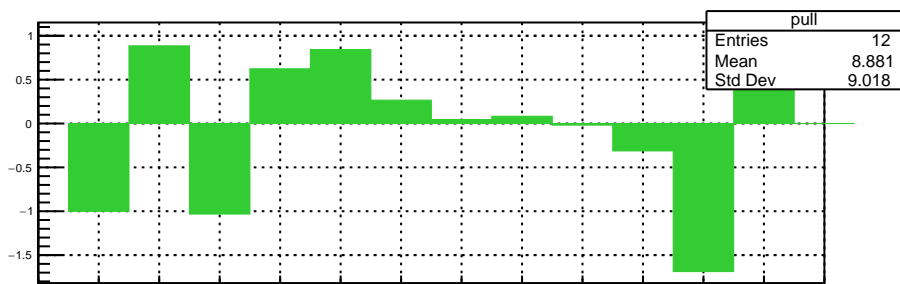
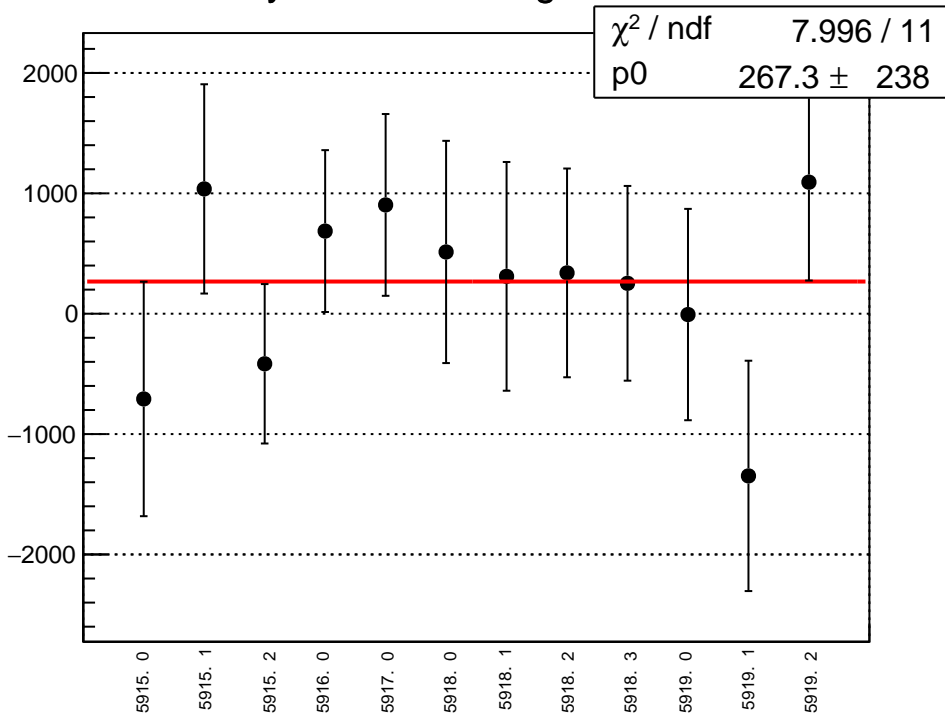


# asym\_sam8\_rms vs run



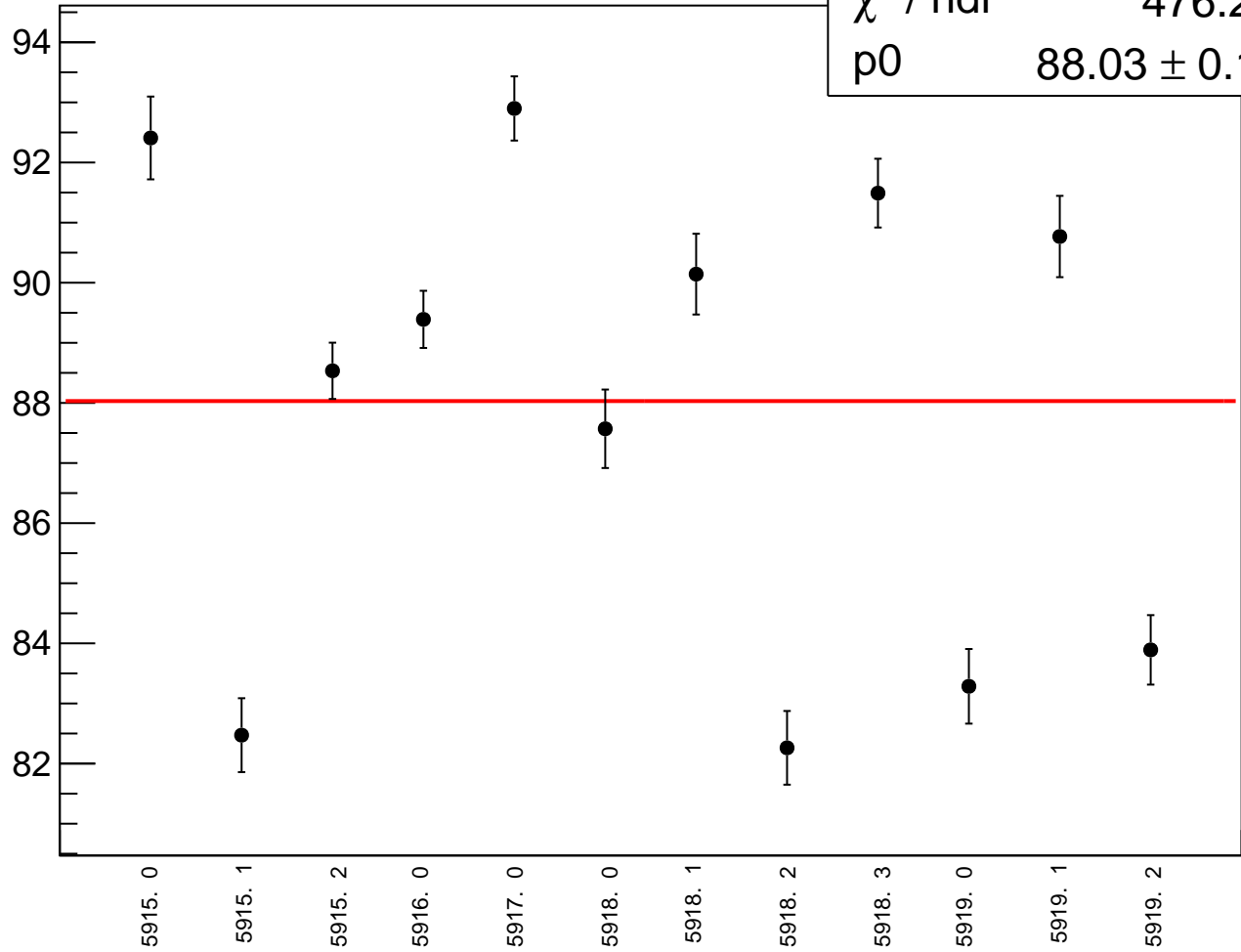


# dit\_asym\_sam\_15\_avg\_mean vs run

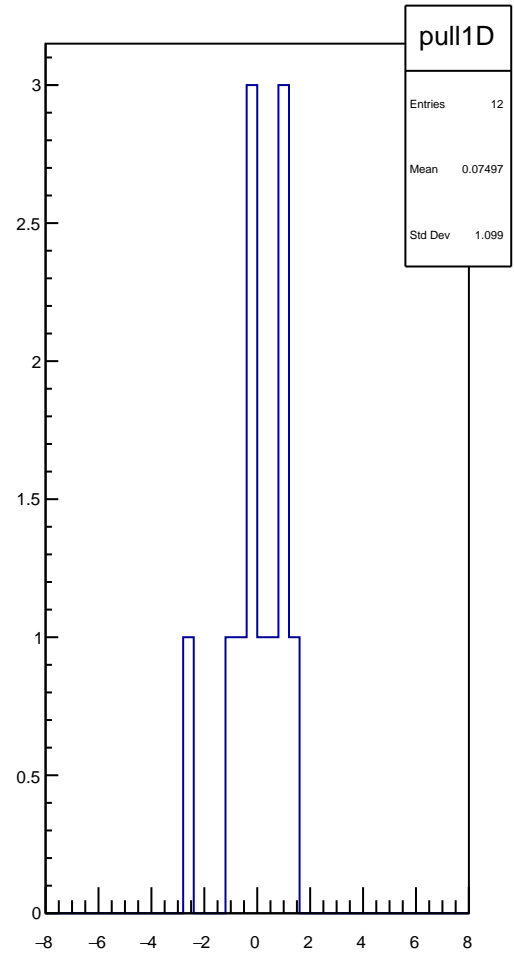
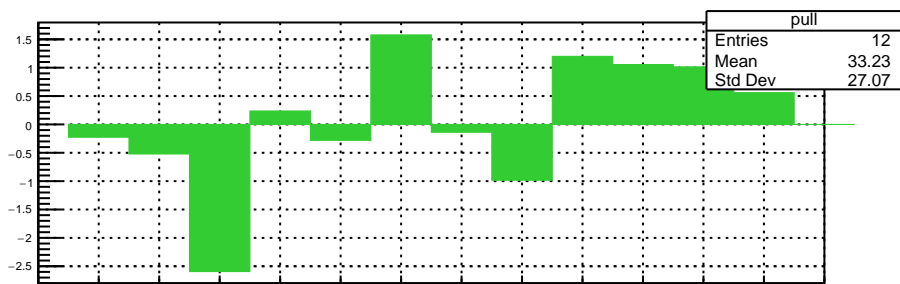
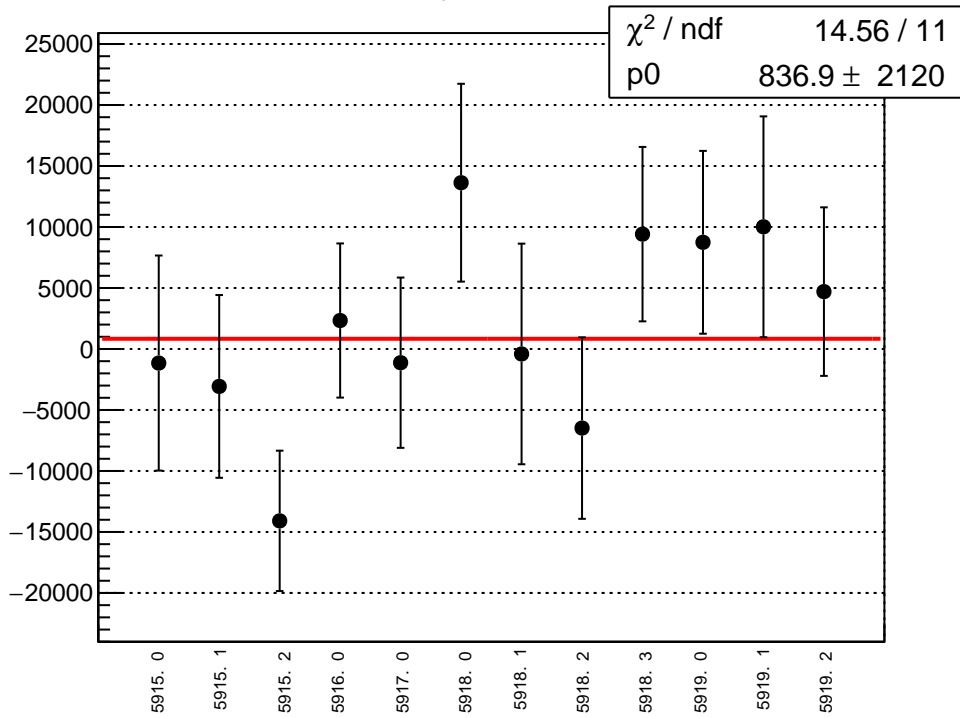


# dit\_asym\_sam\_15\_avg\_rms vs run

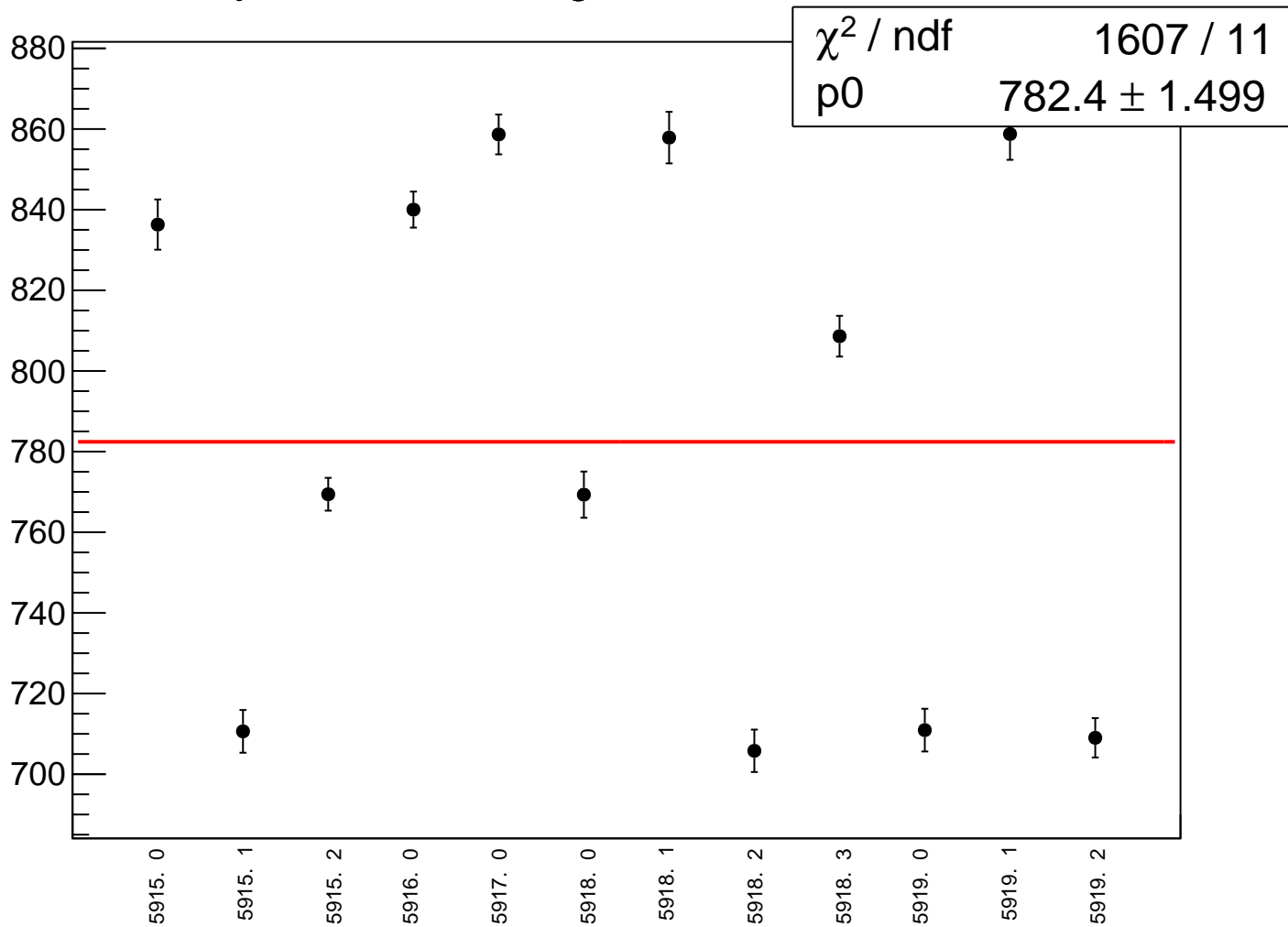
$\chi^2 / \text{ndf}$  476.2 / 11  
p0 88.03 ± 0.1683



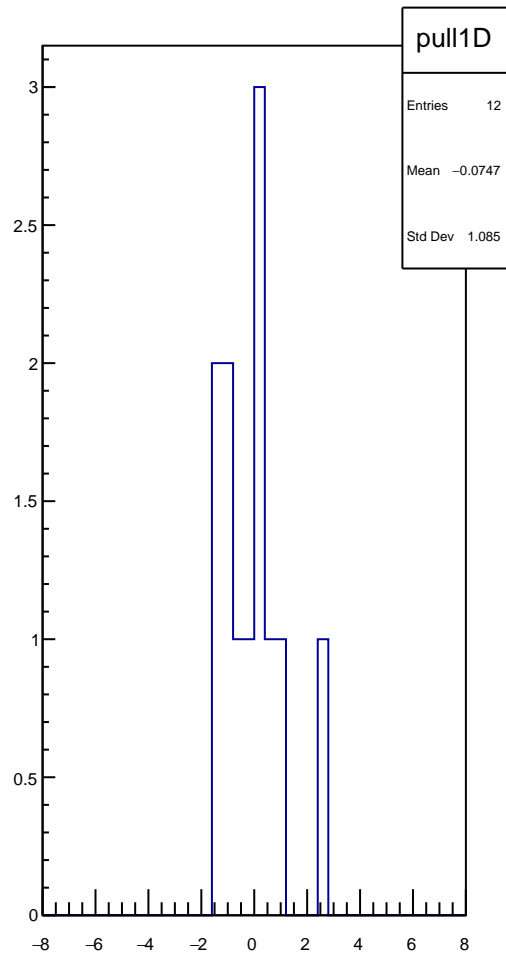
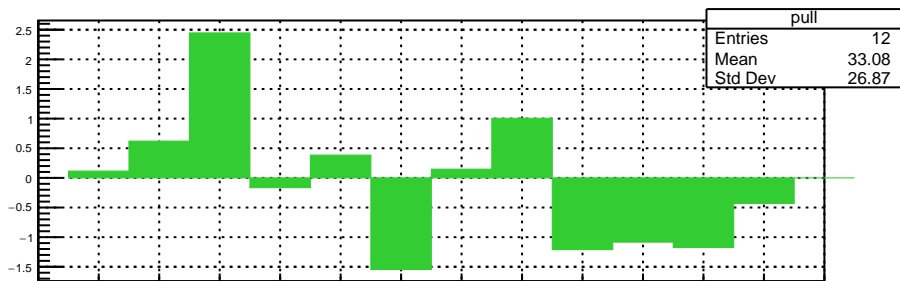
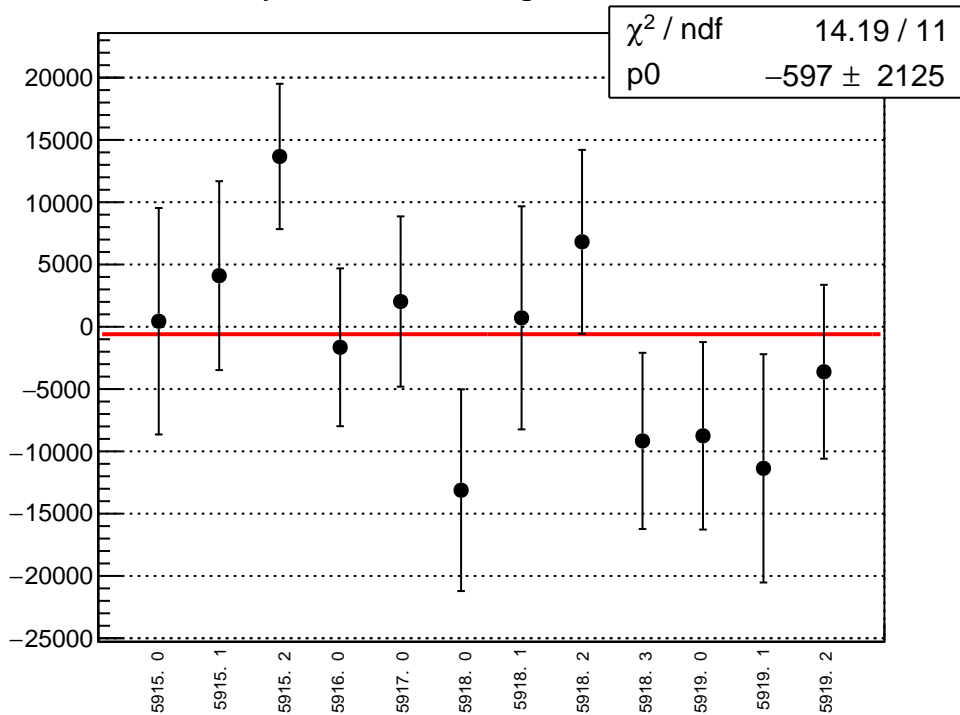
asym\_sam\_15\_avg\_correction\_mean vs run



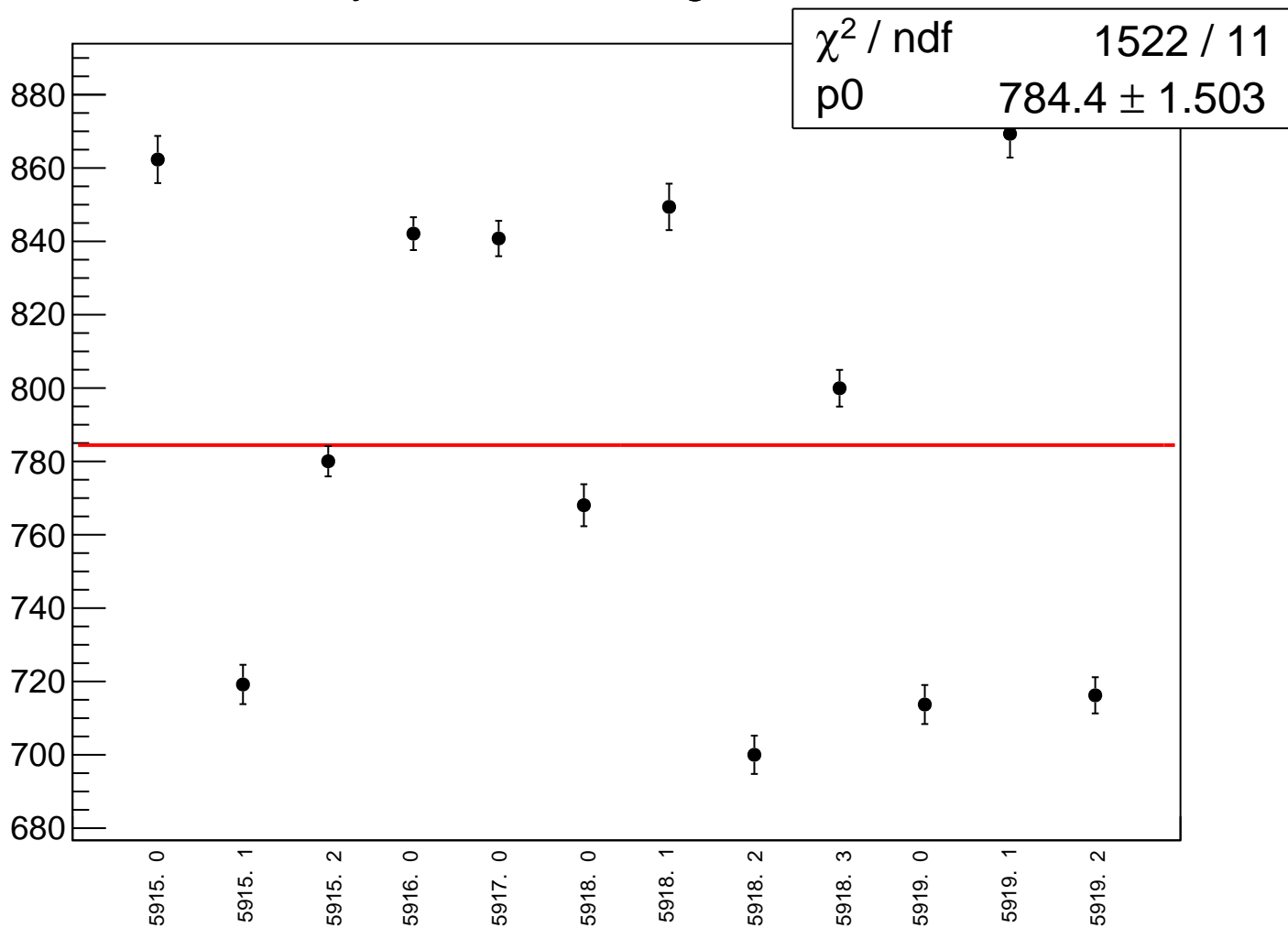
# asym\_sam\_15\_avg\_correction\_rms vs run



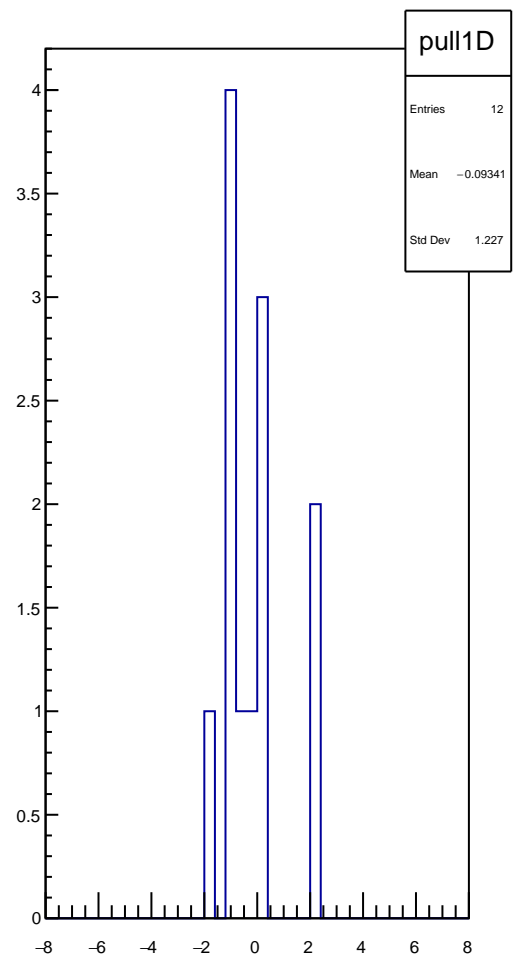
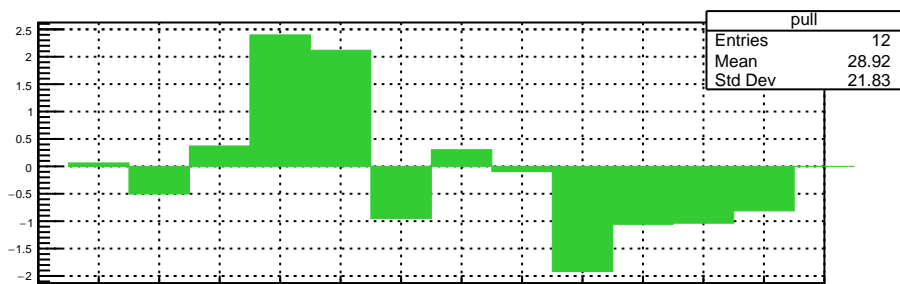
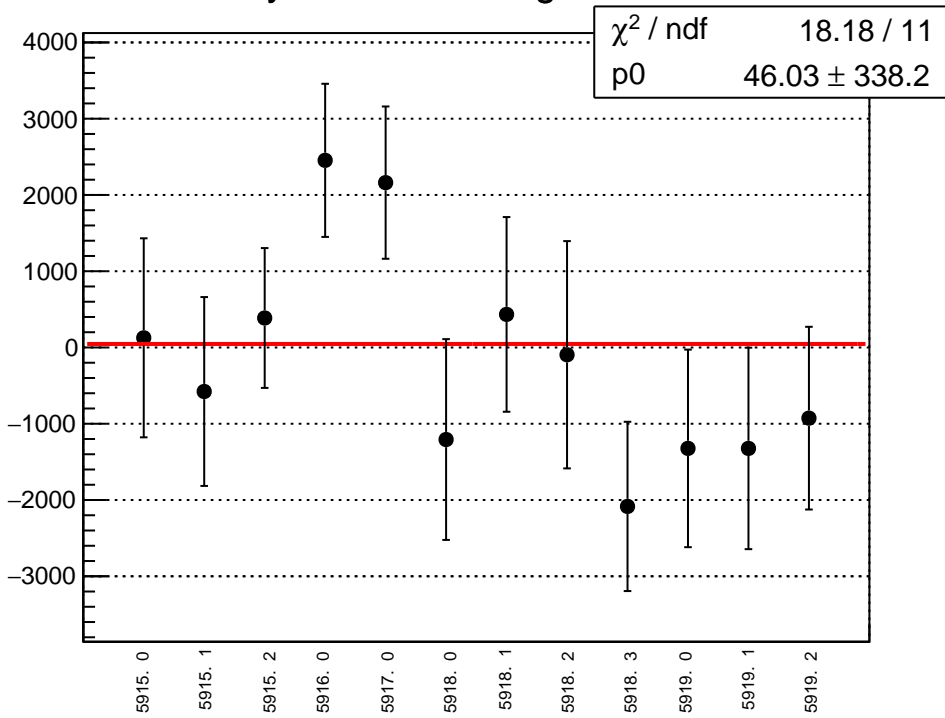
# asym\_sam\_15\_avg\_mean vs run



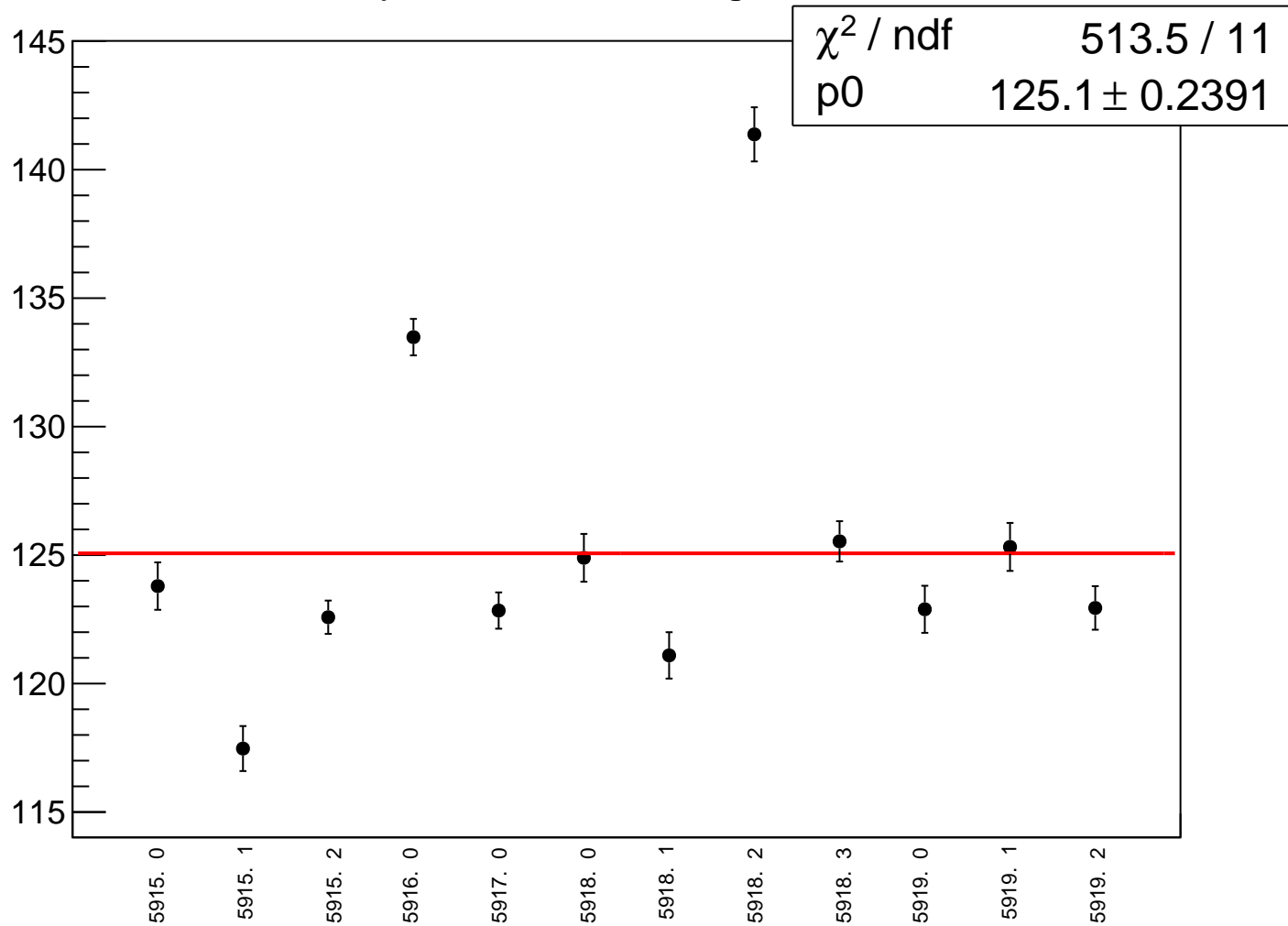
# asym\_sam\_15\_avg\_rms vs run



# dit\_asym\_sam\_26\_avg\_mean vs run

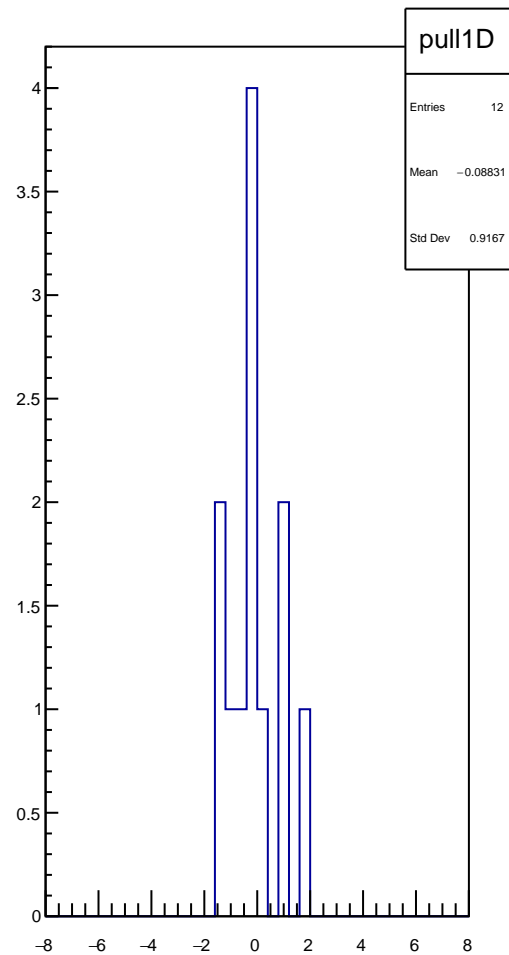
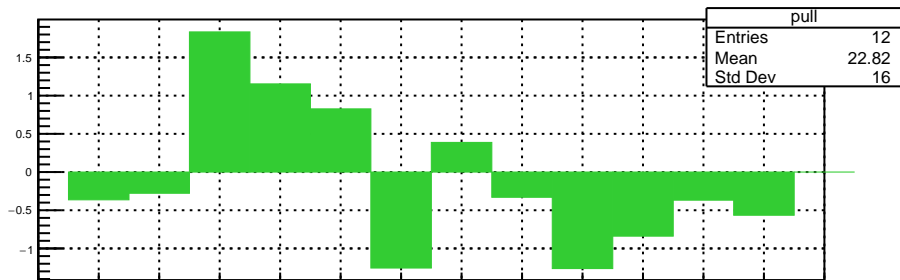
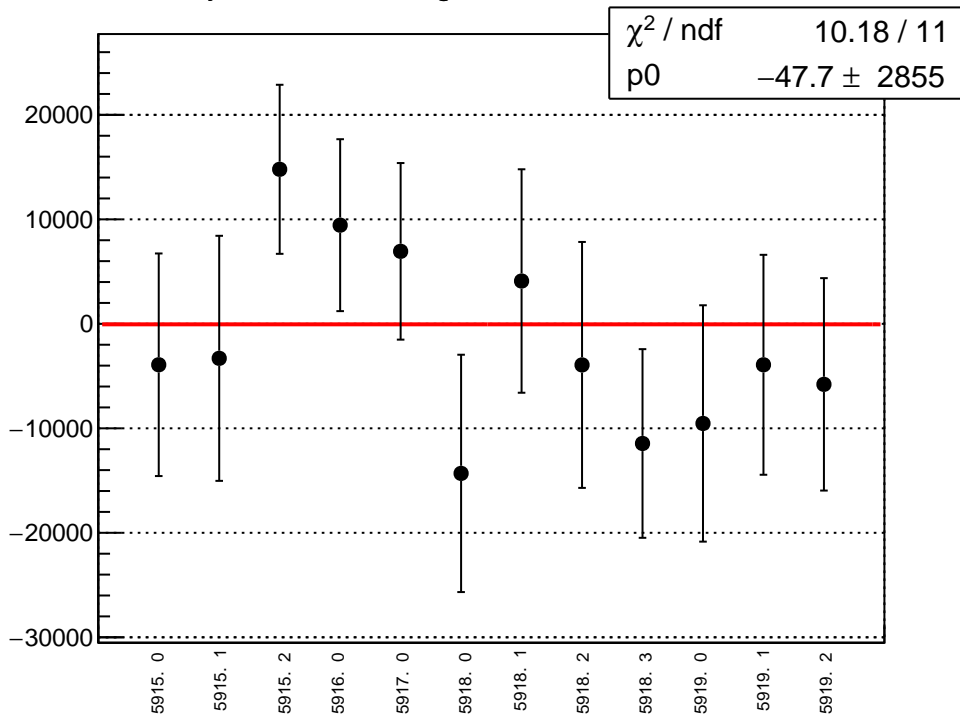


# dit\_asym\_sam\_26\_avg\_rms vs run

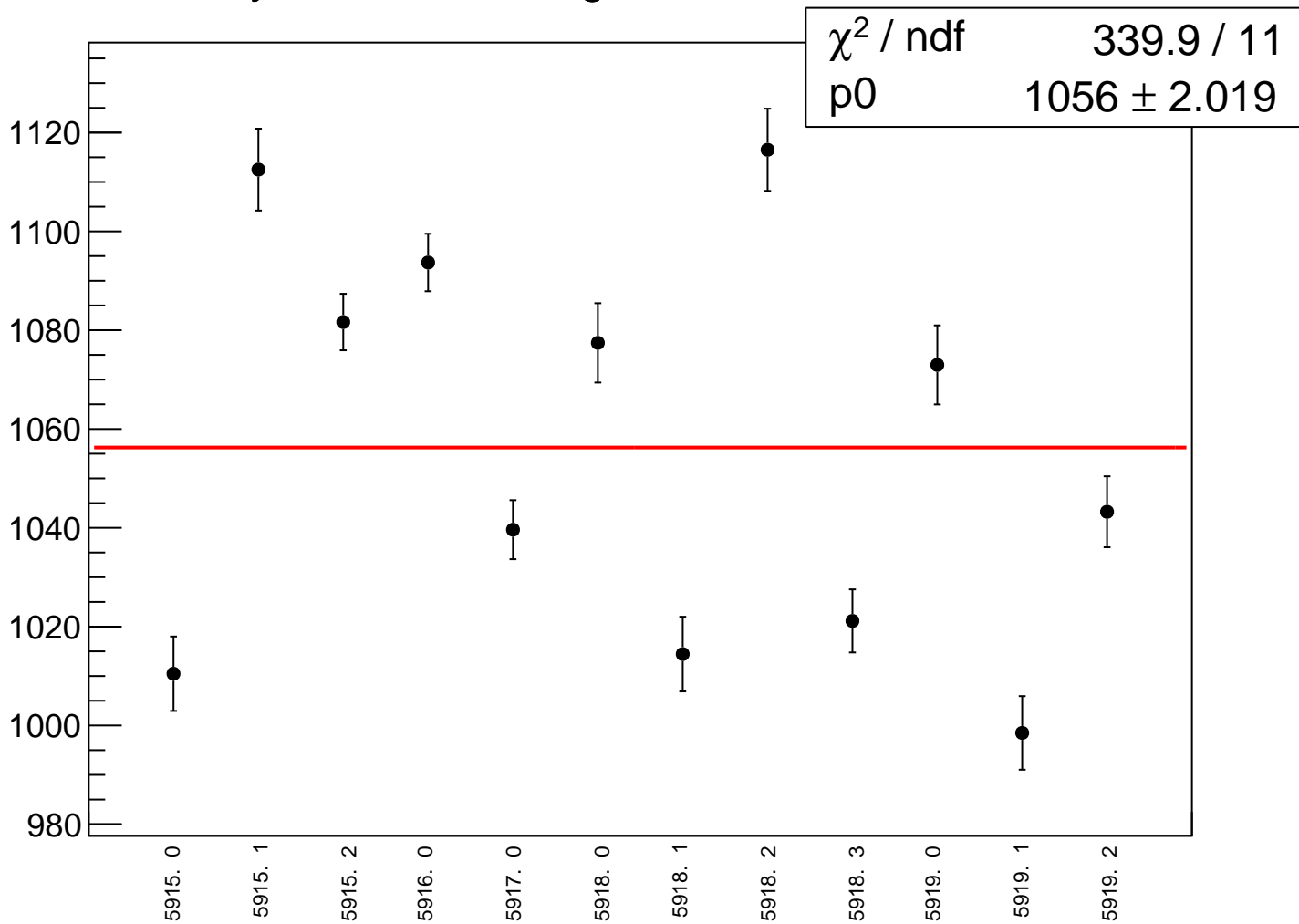




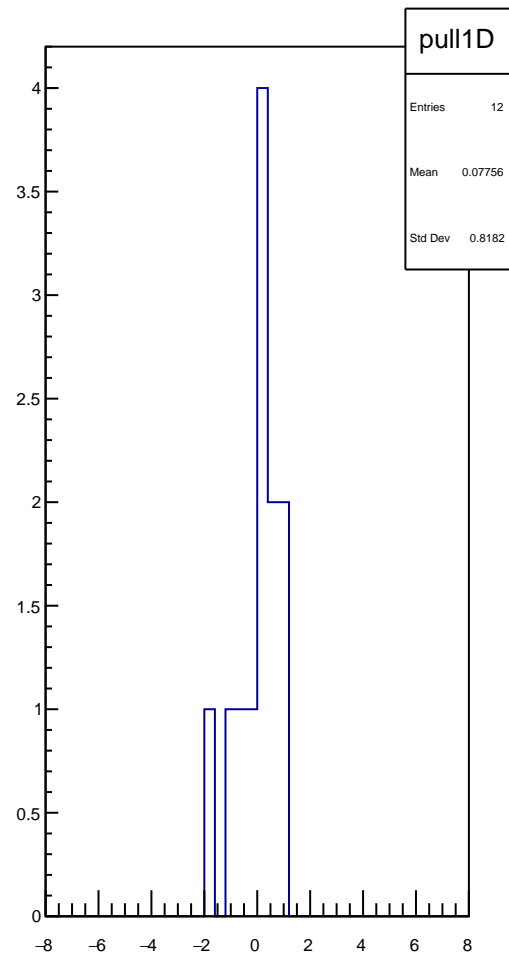
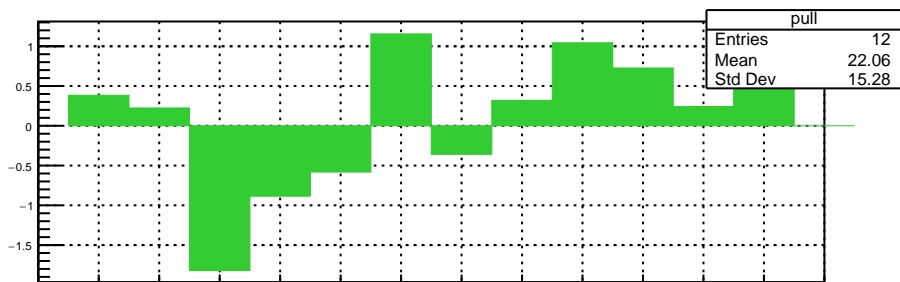
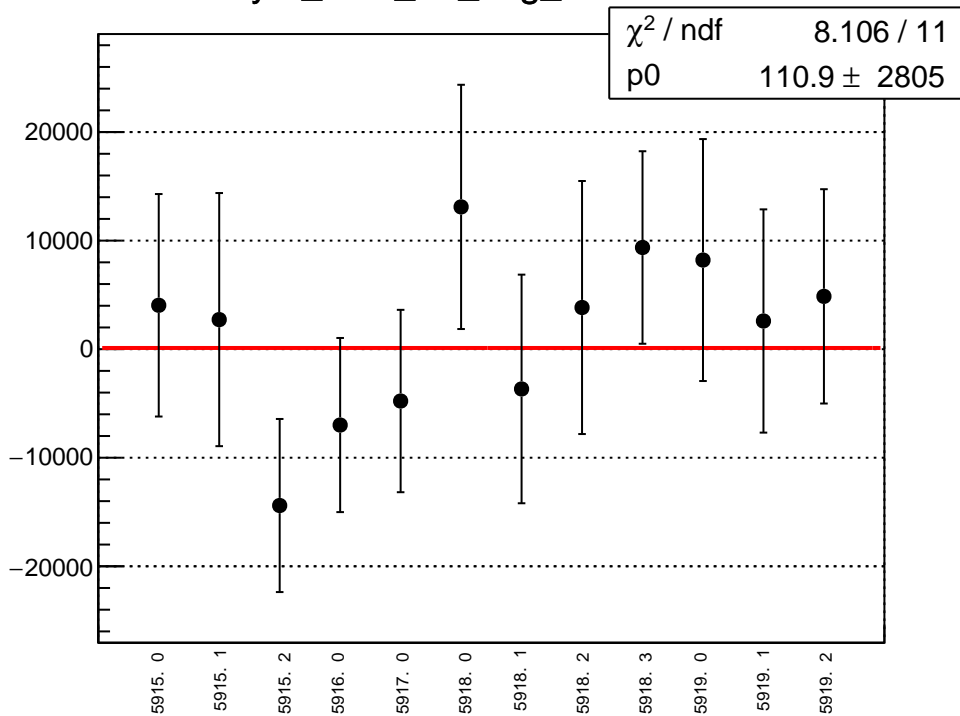
# asym\_sam\_26\_avg\_correction\_mean vs run



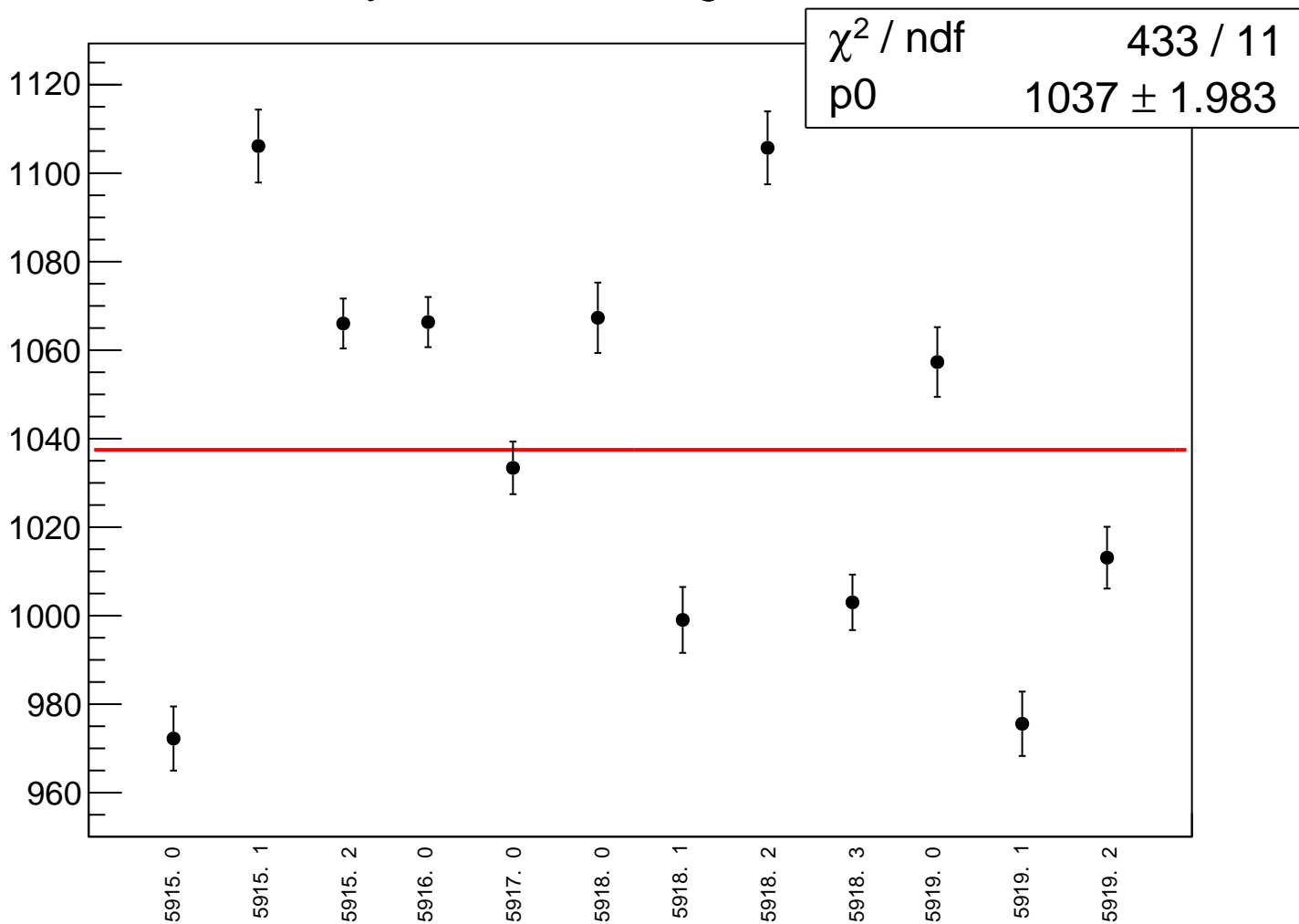
# asym\_sam\_26\_avg\_correction\_rms vs run



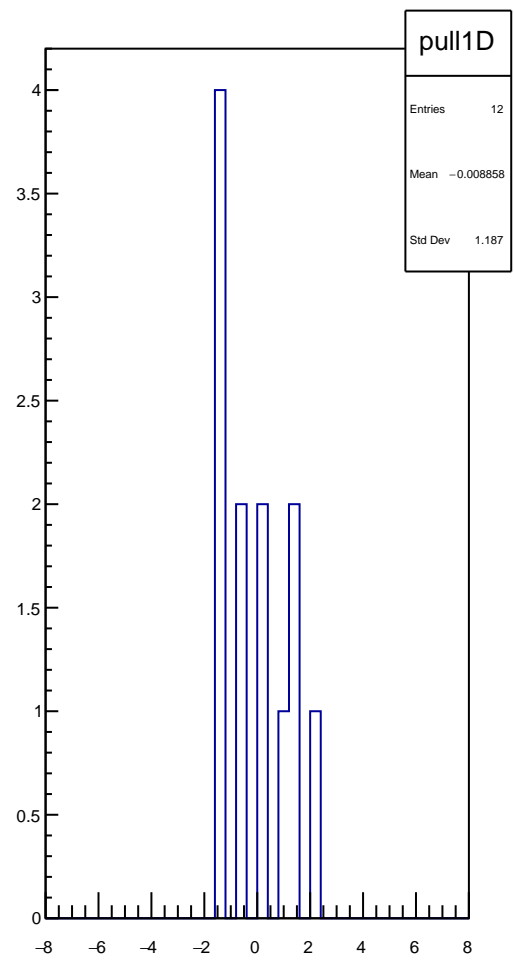
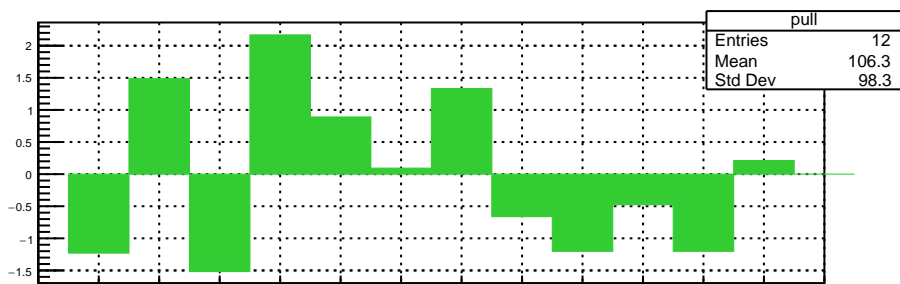
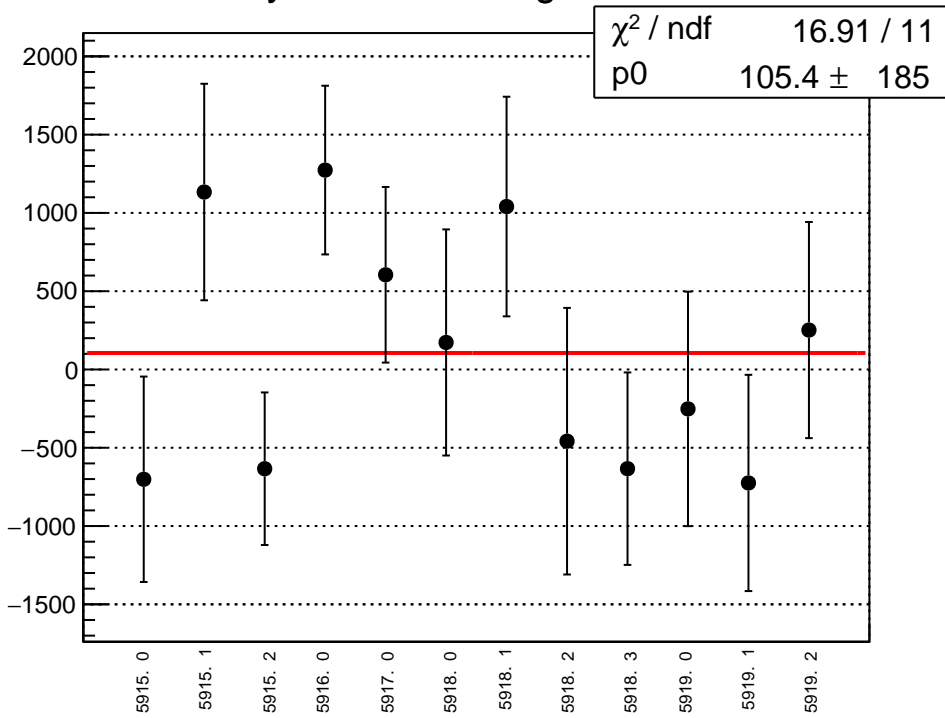
# asym\_sam\_26\_avg\_mean vs run



# asym\_sam\_26\_avg\_rms vs run

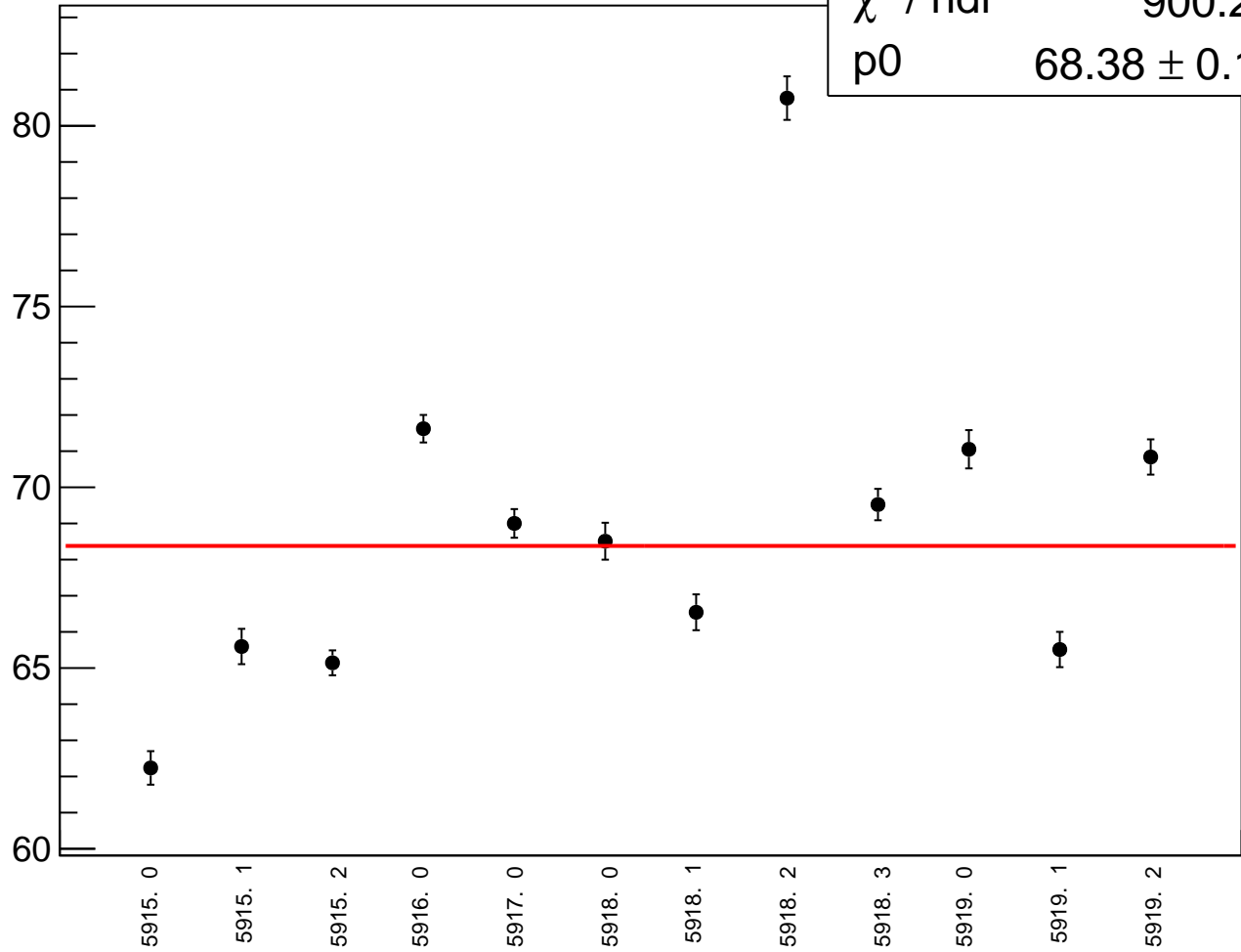


# dit\_asym\_sam\_37\_avg\_mean vs run

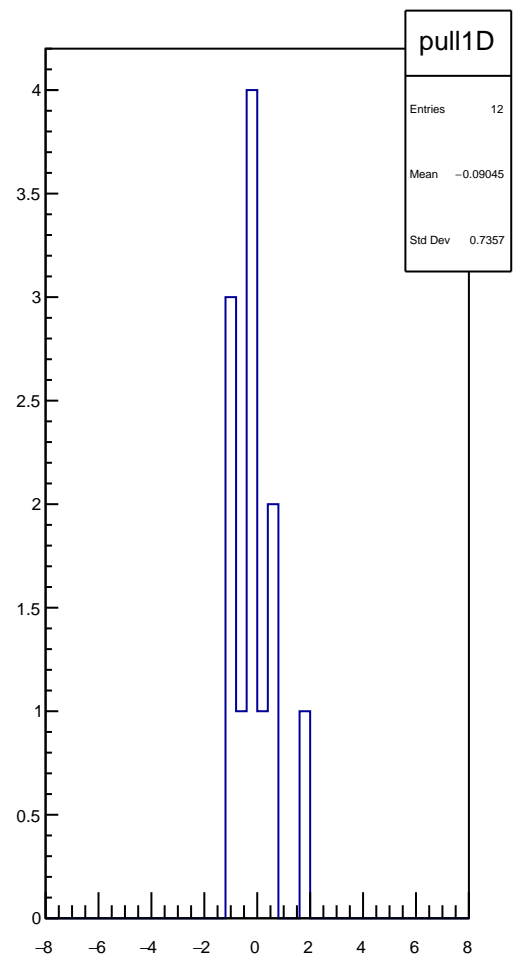
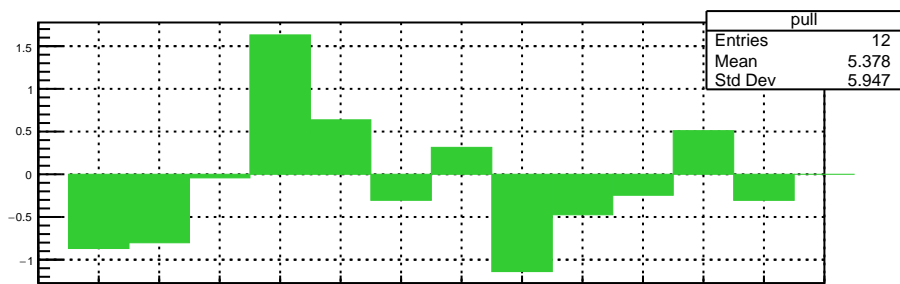
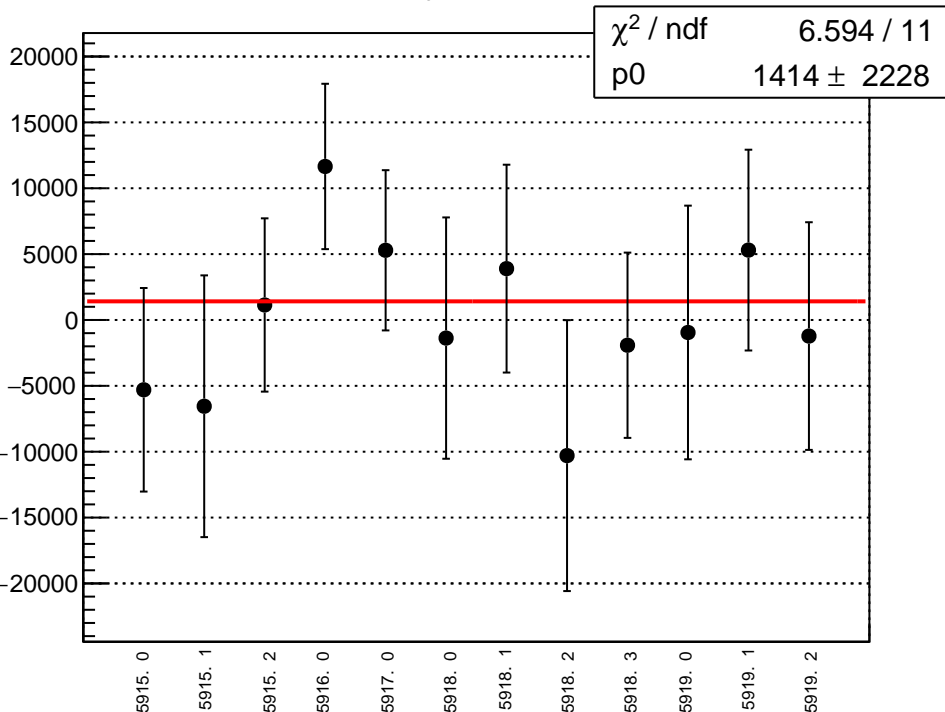


# dit\_asym\_sam\_37\_avg\_rms vs run

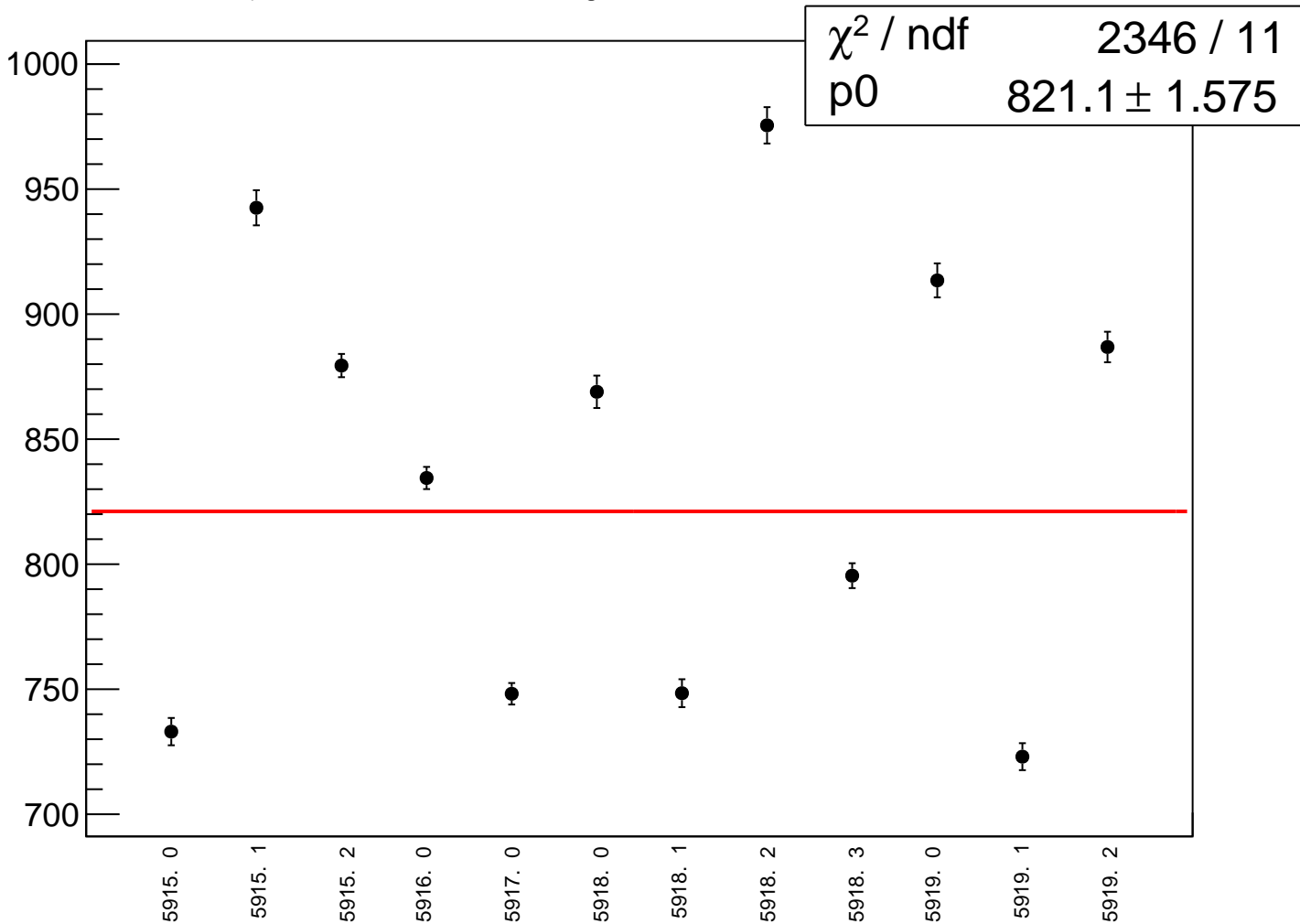
$\chi^2 / \text{ndf}$  900.2 / 11  
p0  $68.38 \pm 0.1308$



asym\_sam\_37\_avg\_correction\_mean vs run

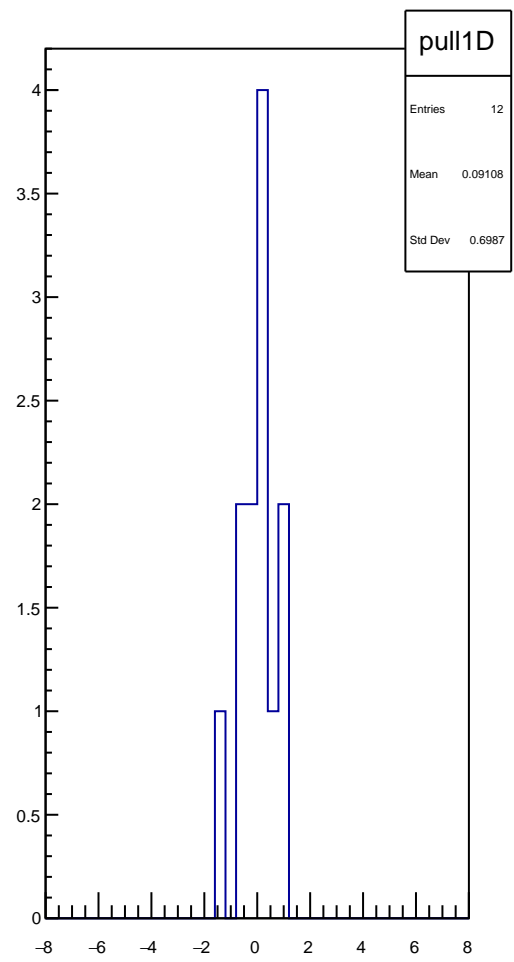
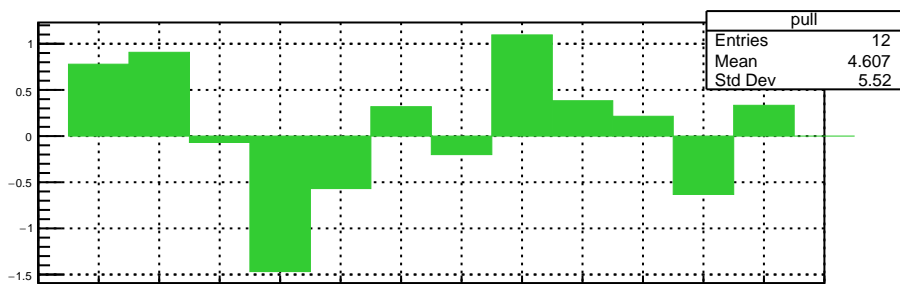
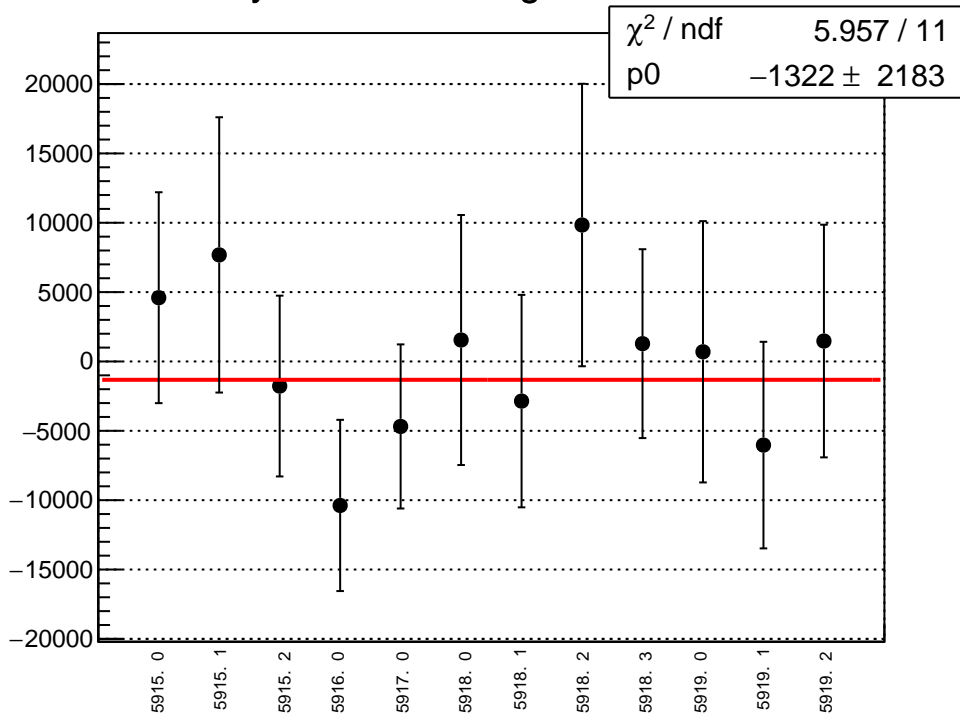


asym\_sam\_37\_avg\_correction\_rms vs run

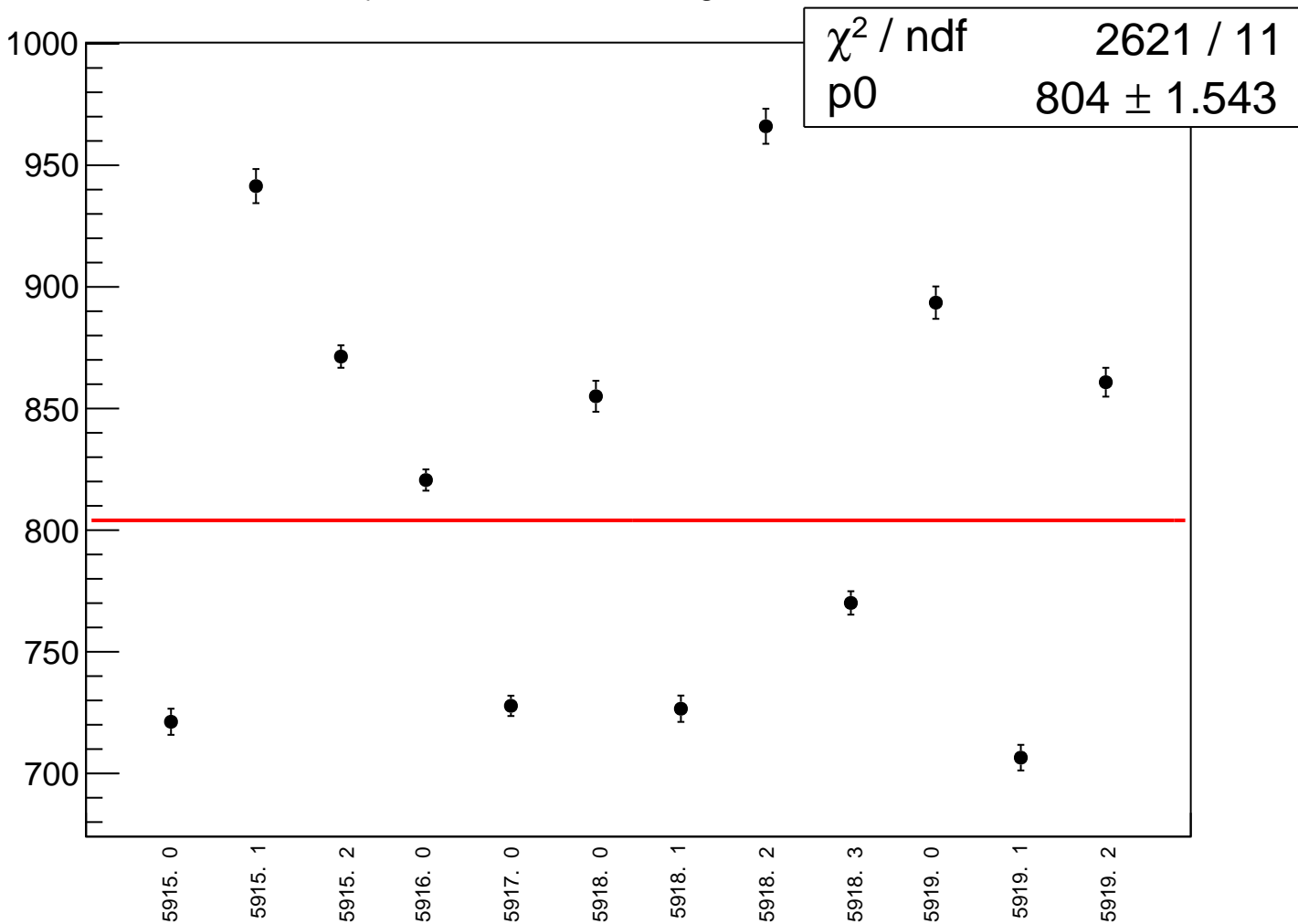




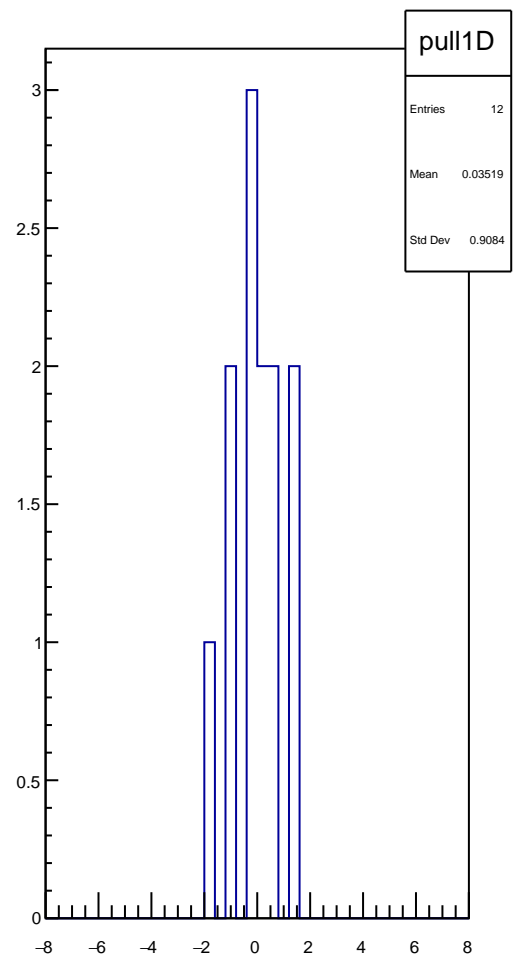
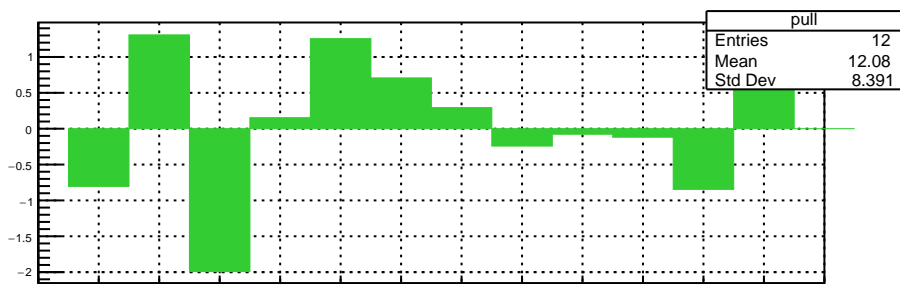
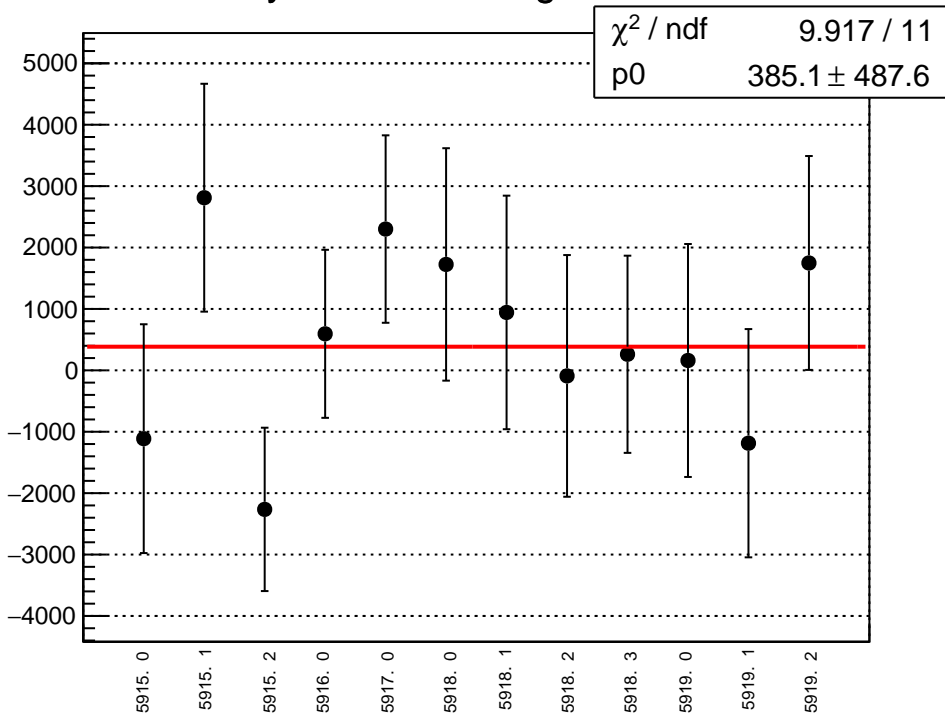
# asym\_sam\_37\_avg\_mean vs run



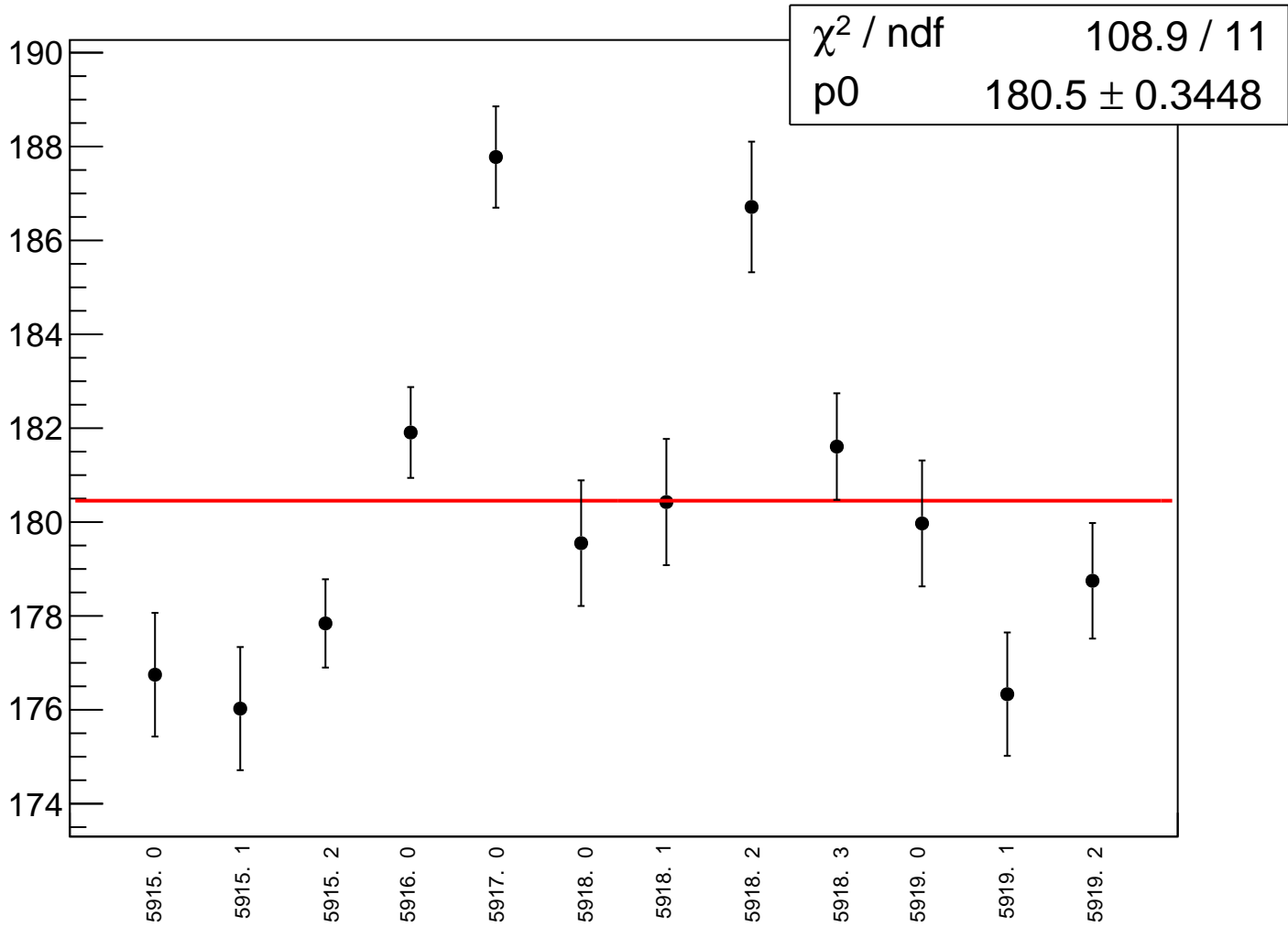
# asym\_sam\_37\_avg\_rms vs run



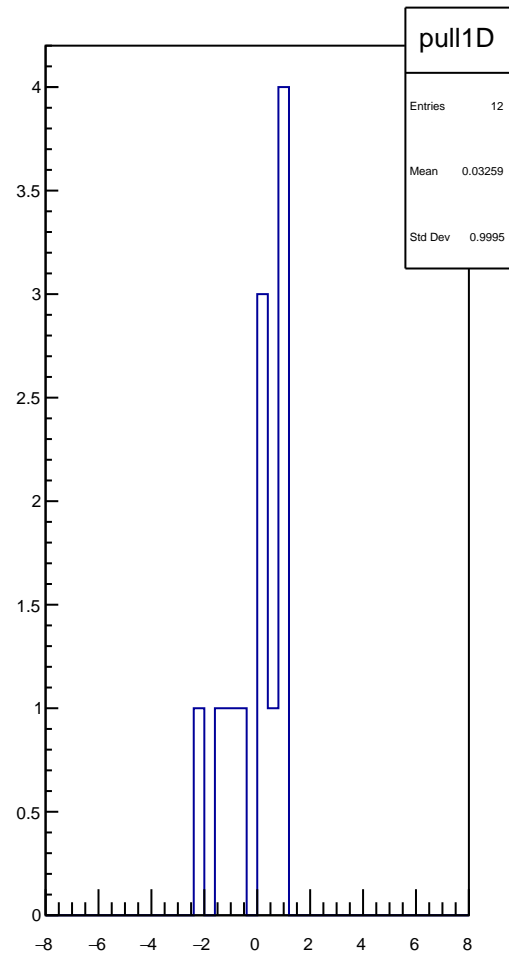
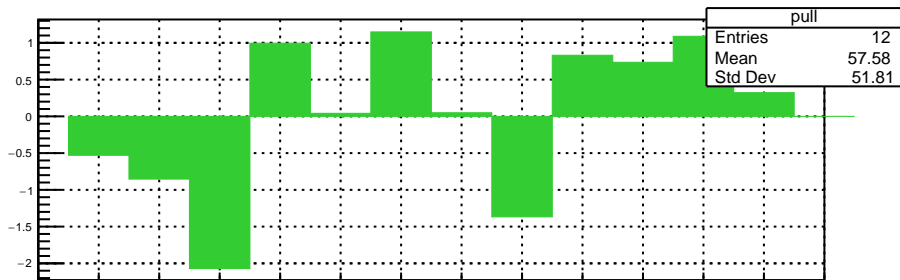
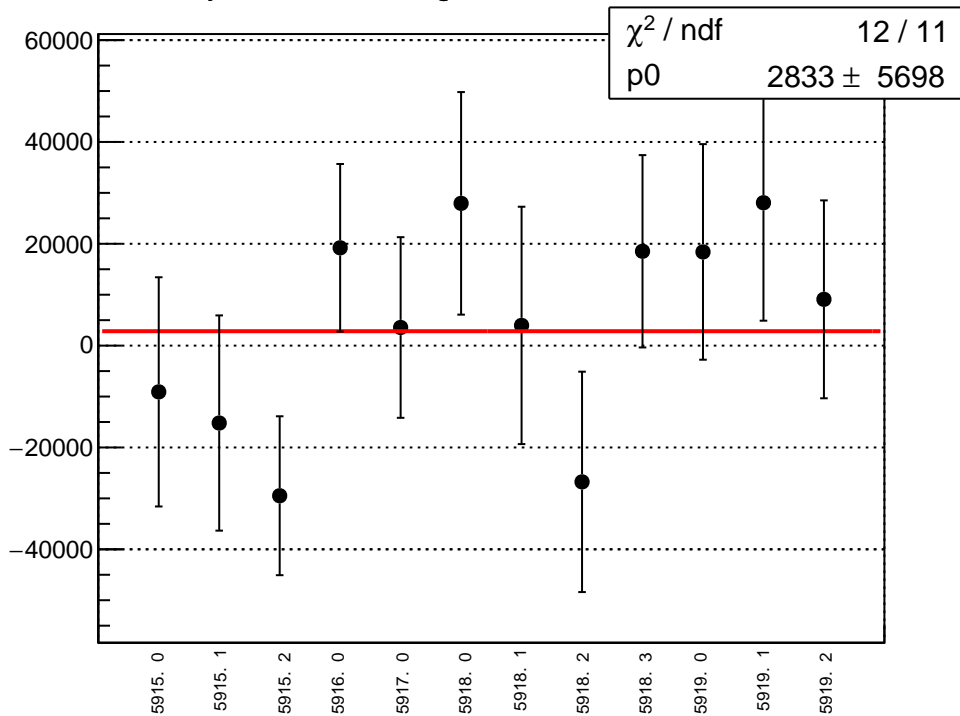
# dit\_asym\_sam\_48\_avg\_mean vs run



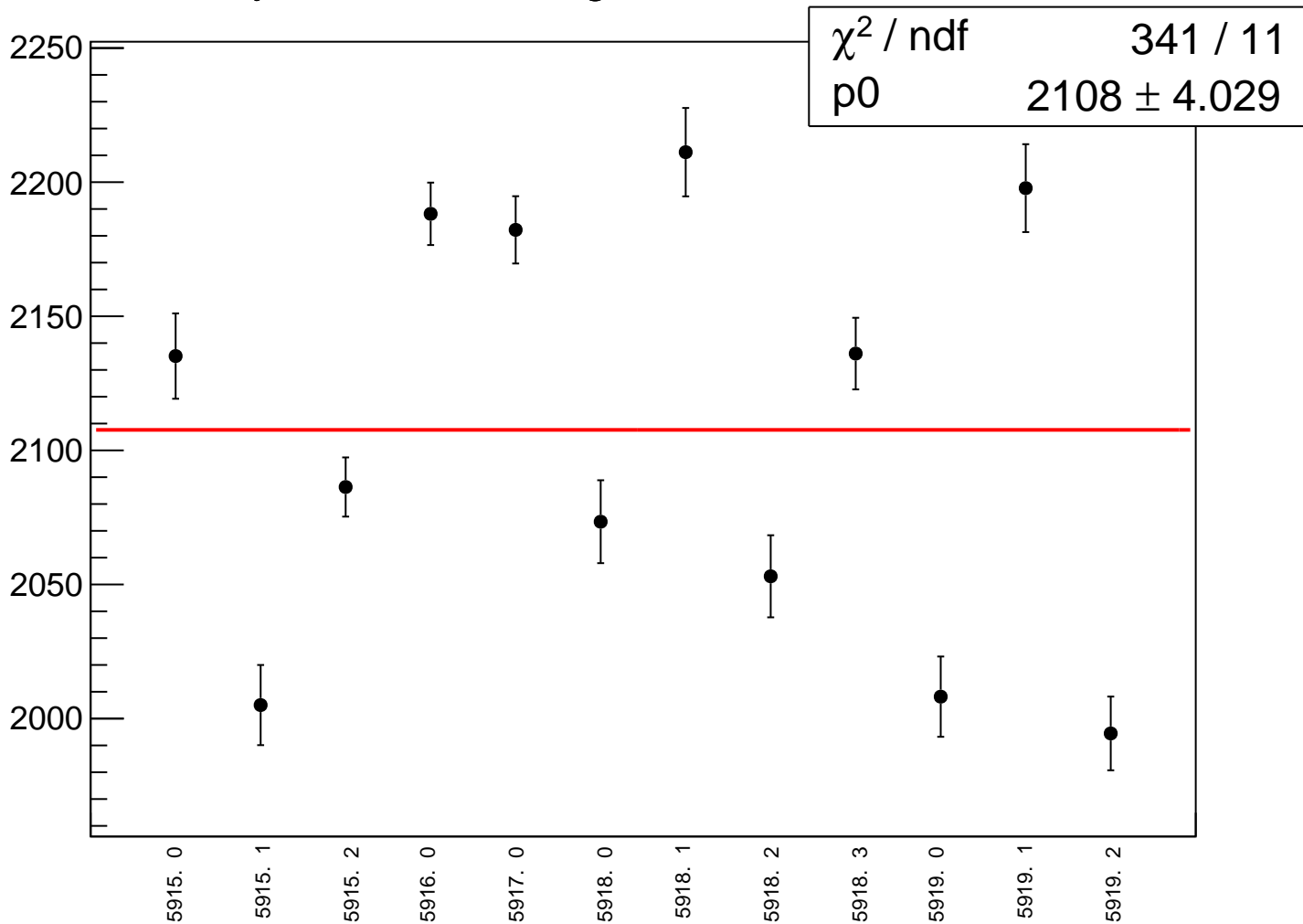
# dit\_asym\_sam\_48\_avg\_rms vs run



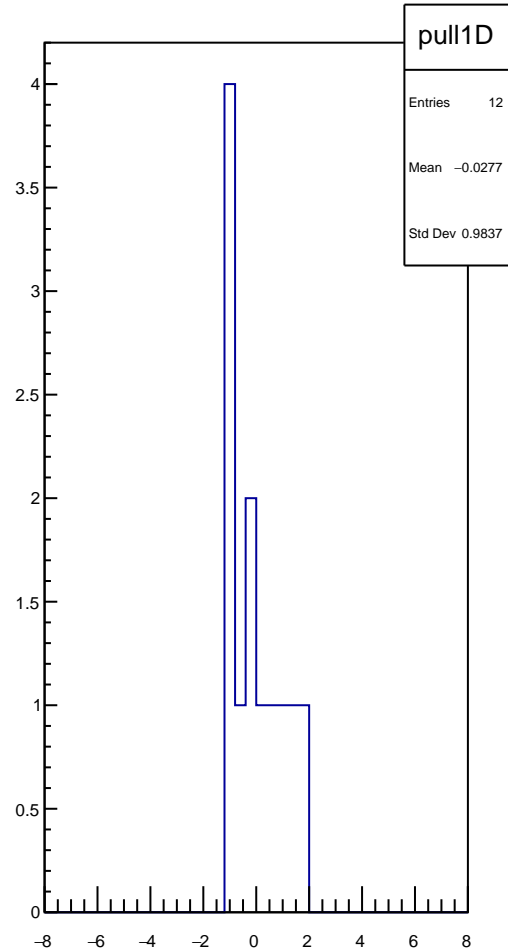
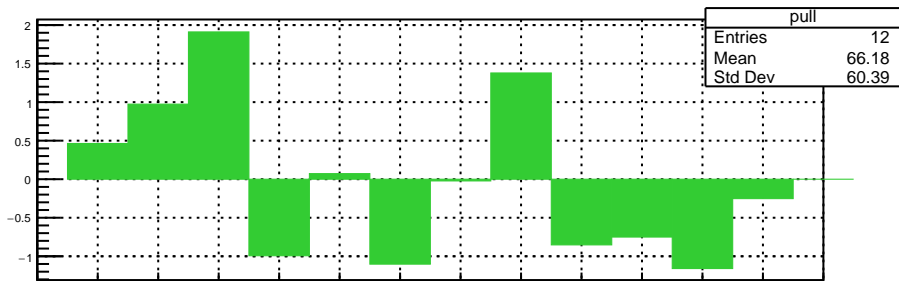
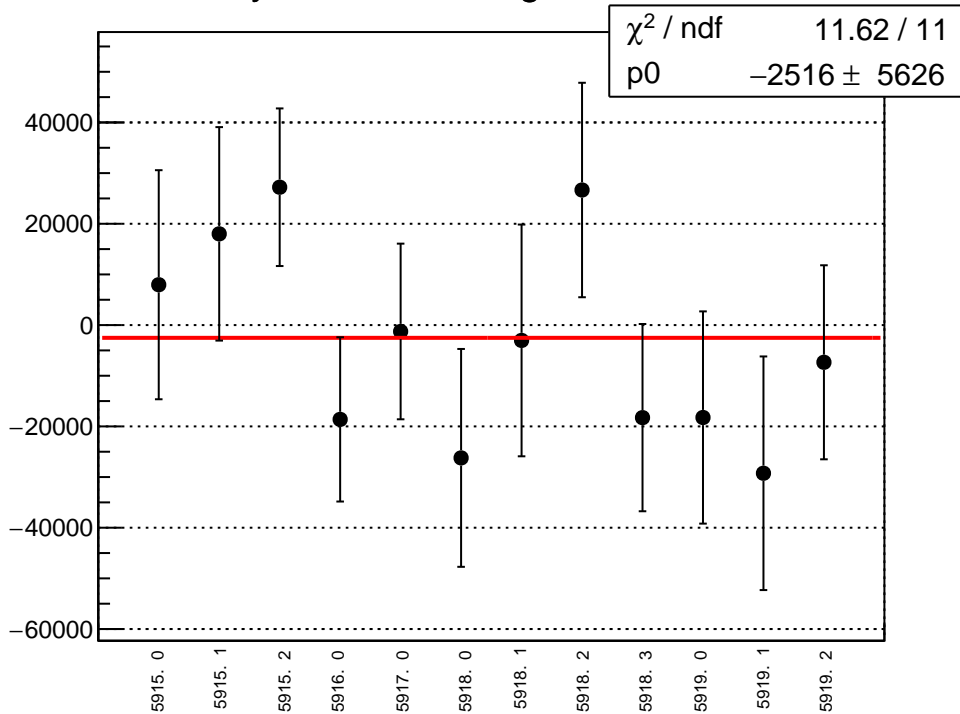
# asym\_sam\_48\_avg\_correction\_mean vs run



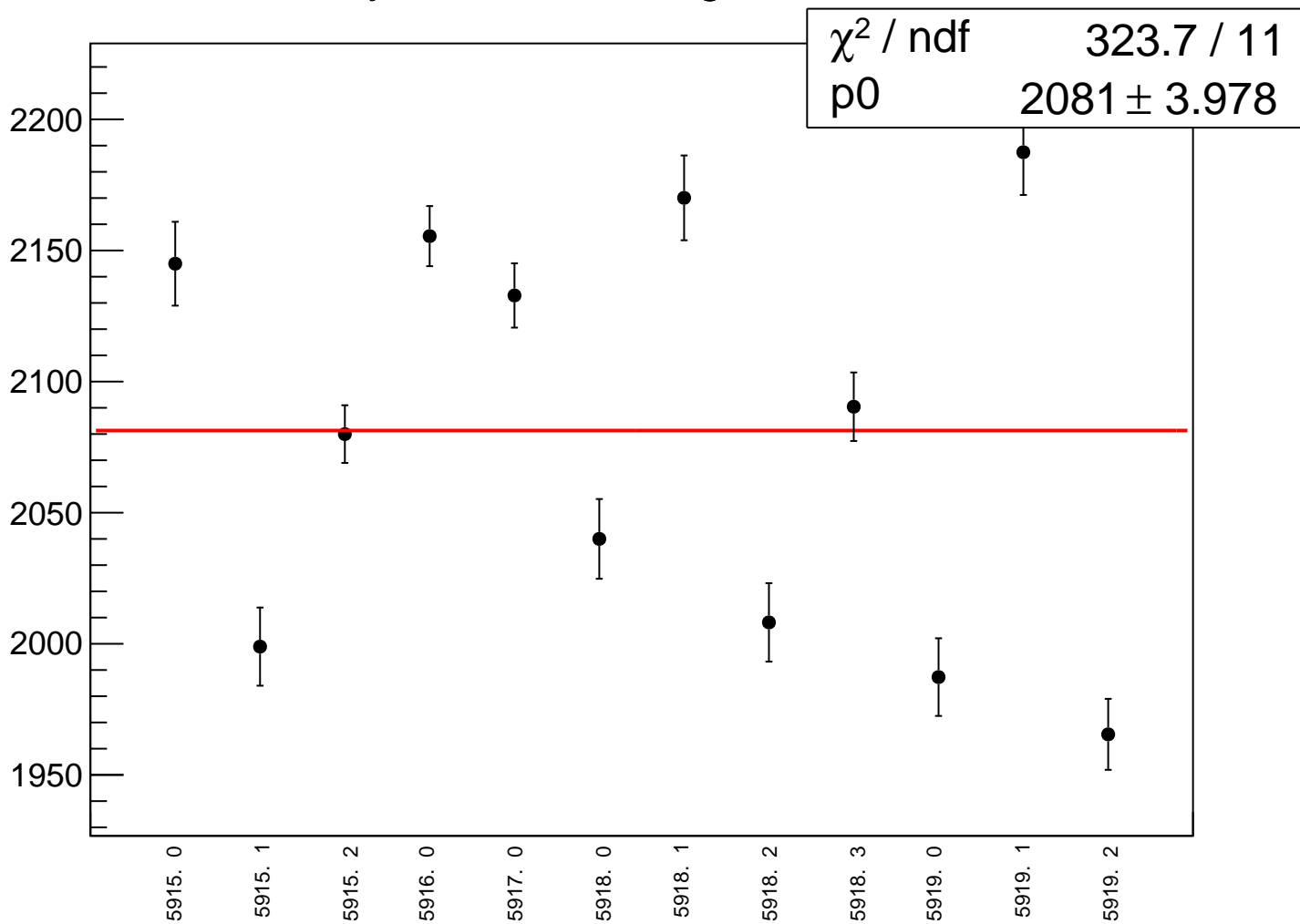
asym\_sam\_48\_avg\_correction\_rms vs run



# asym\_sam\_48\_avg\_mean vs run

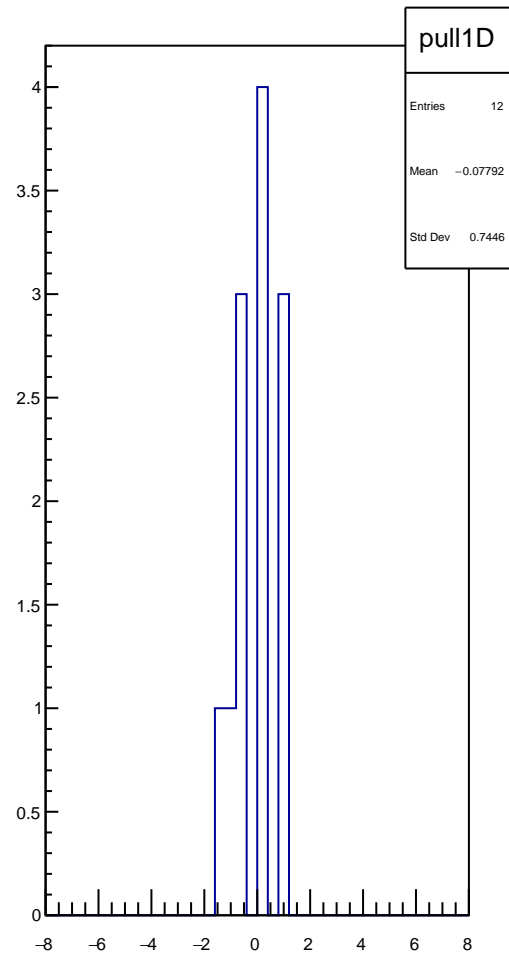
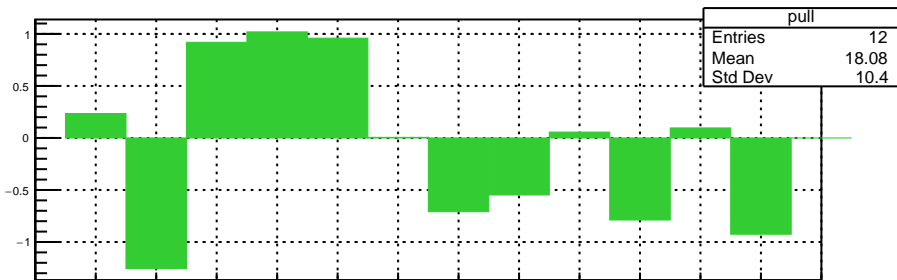
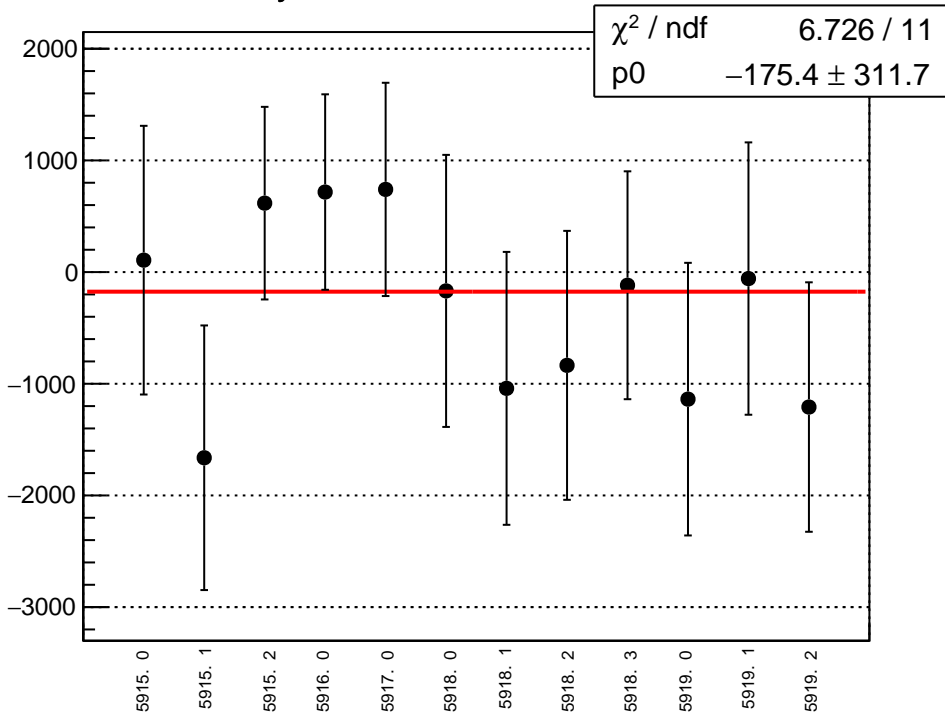


# asym\_sam\_48\_avg\_rms vs run

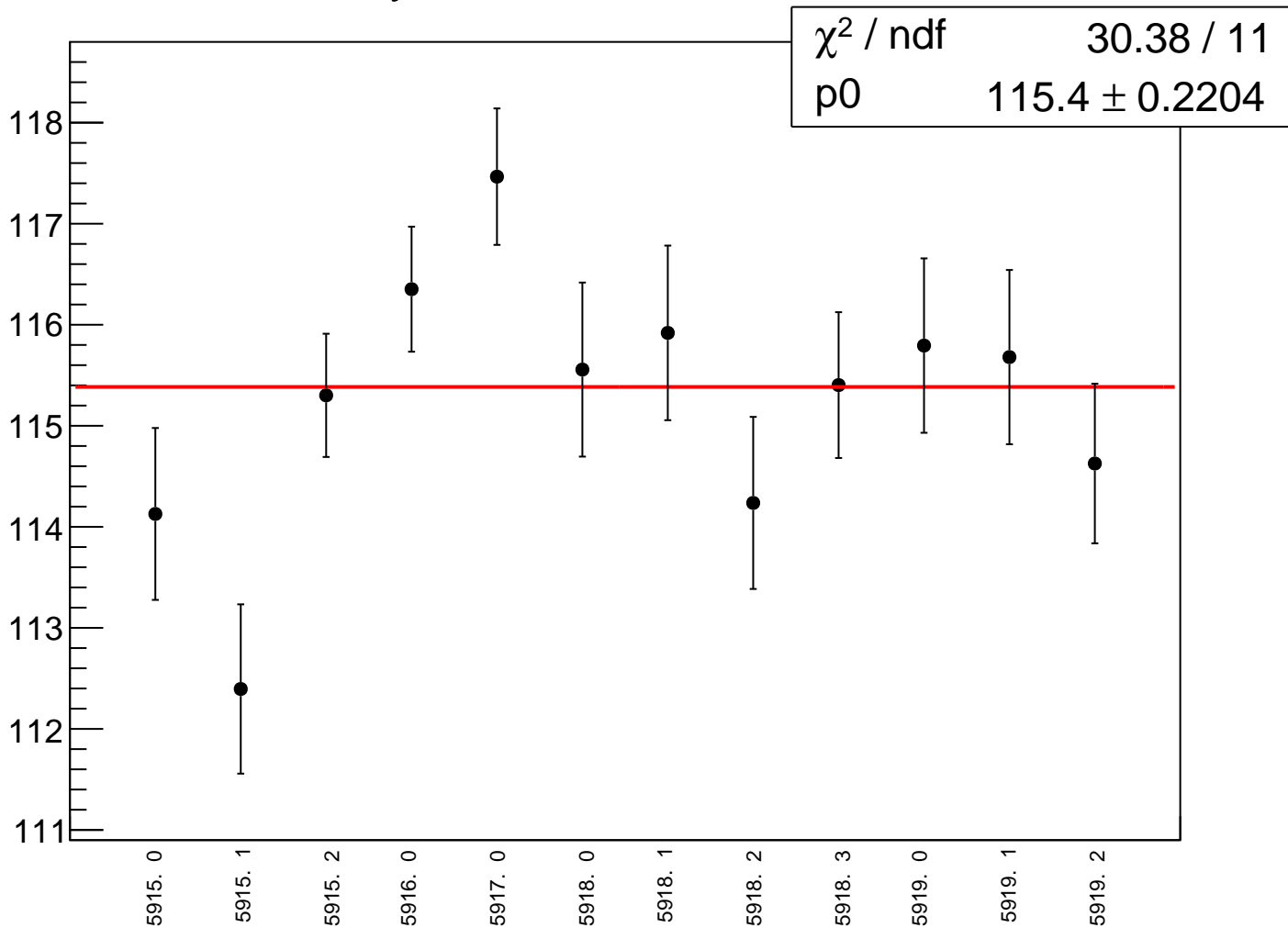




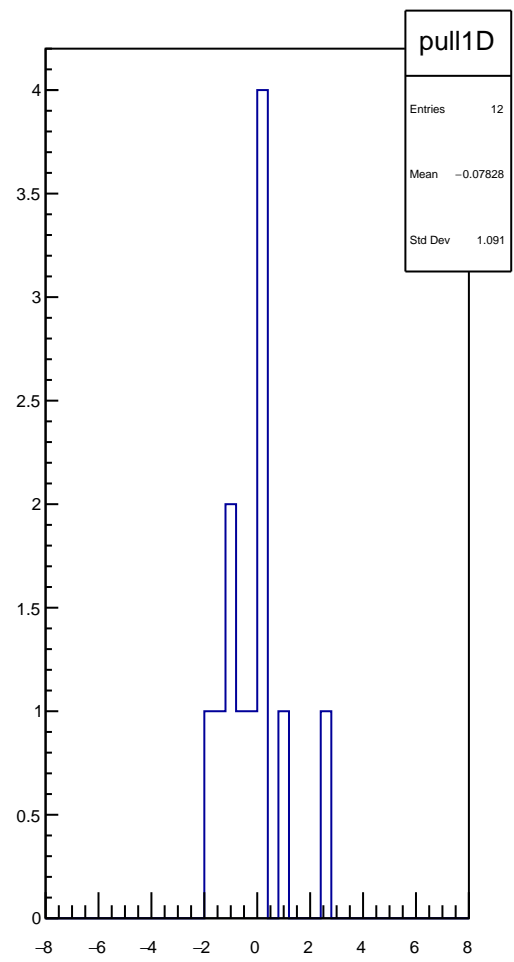
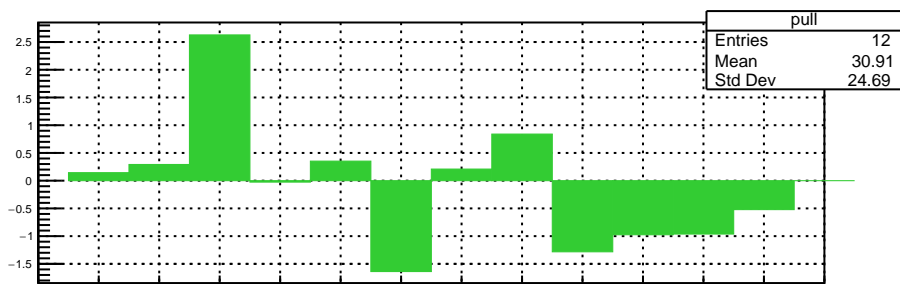
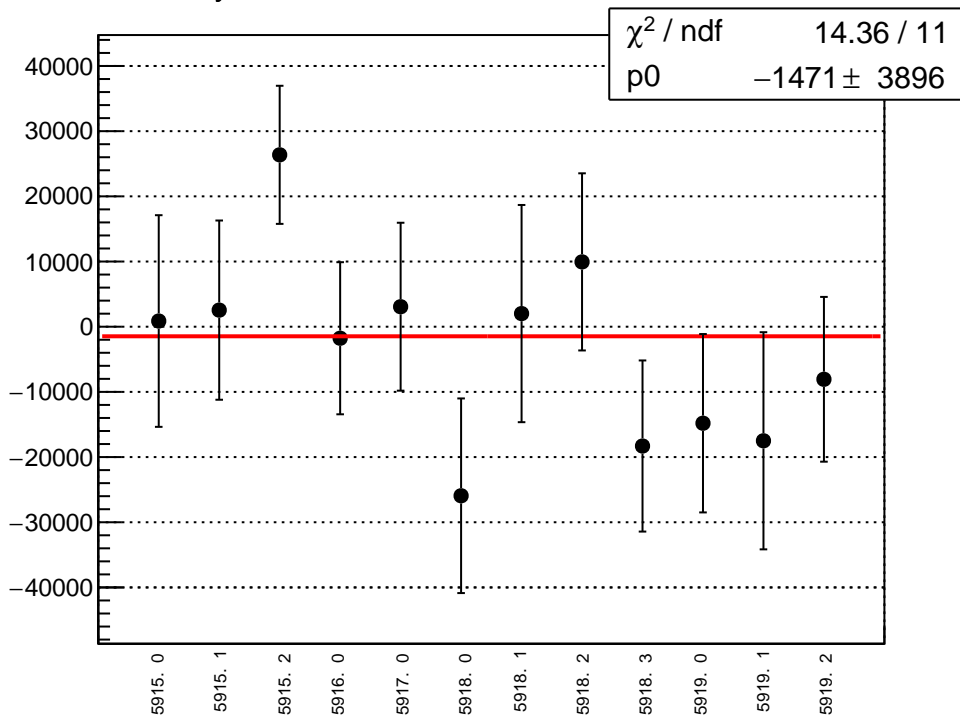
# dit\_asym\_sam\_15\_dd\_mean vs run



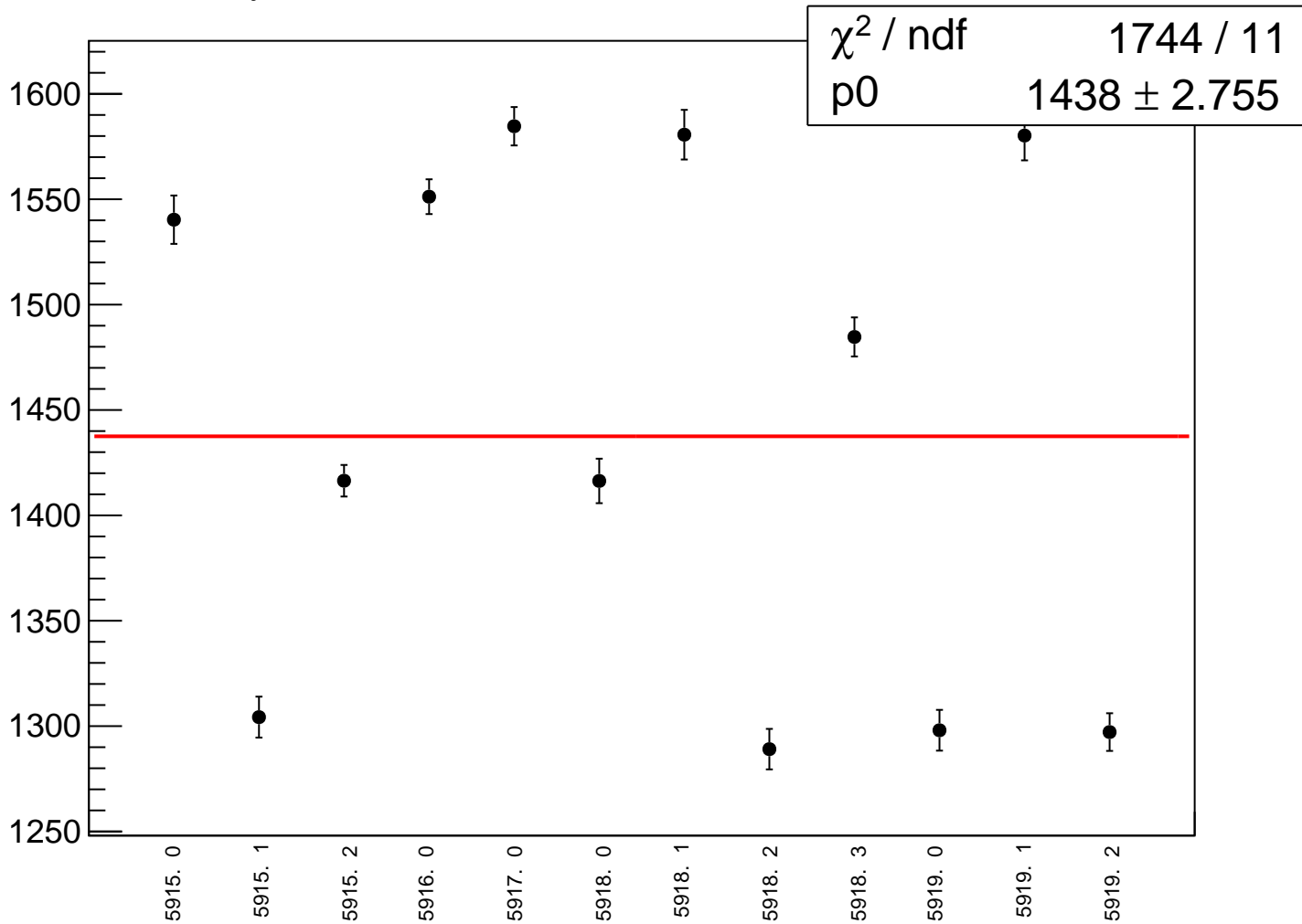
# dit\_asym\_sam\_15\_dd\_rms vs run



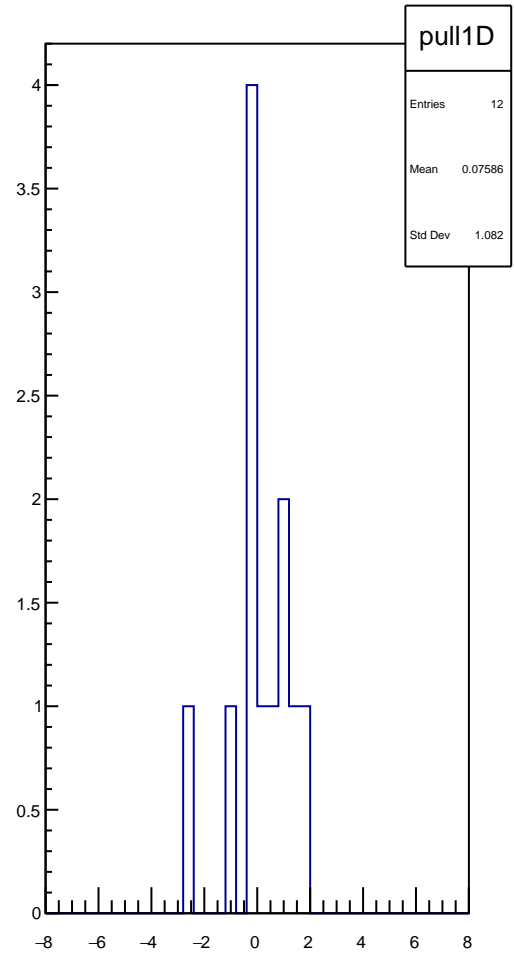
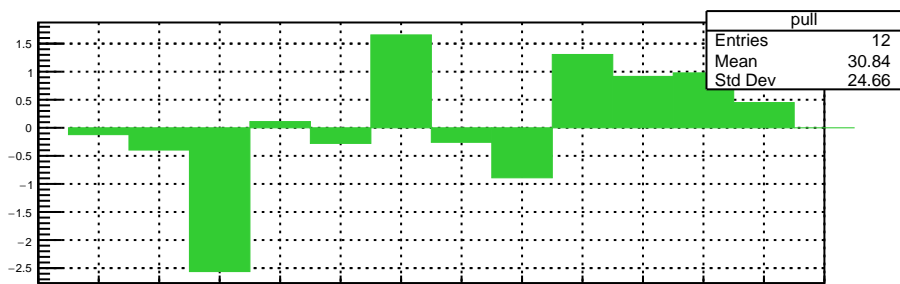
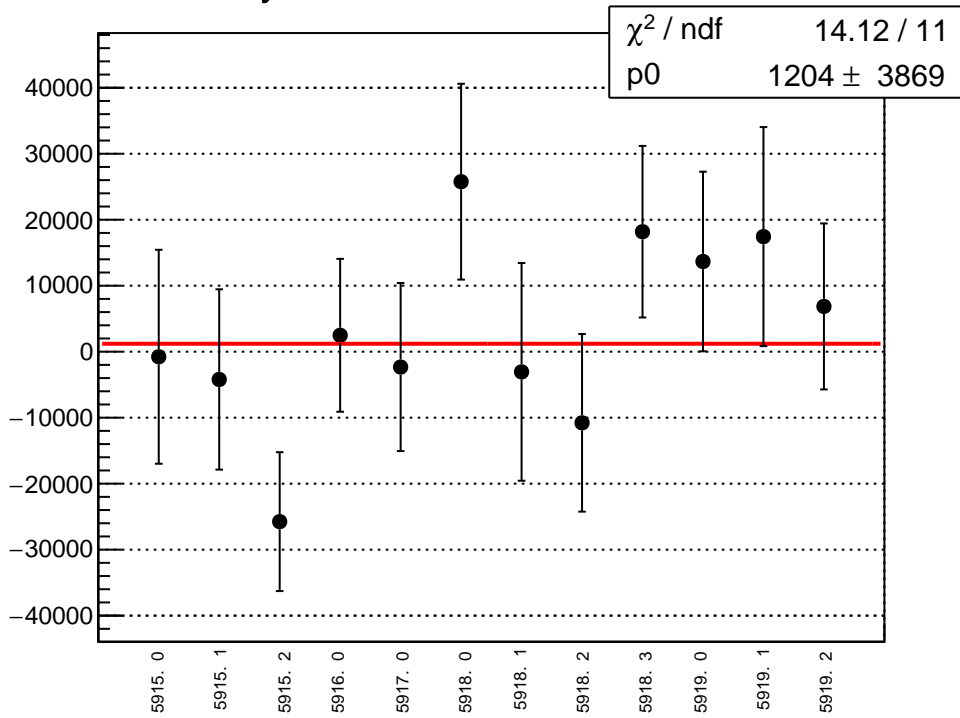
# asym\_sam\_15\_dd\_correction\_mean vs run



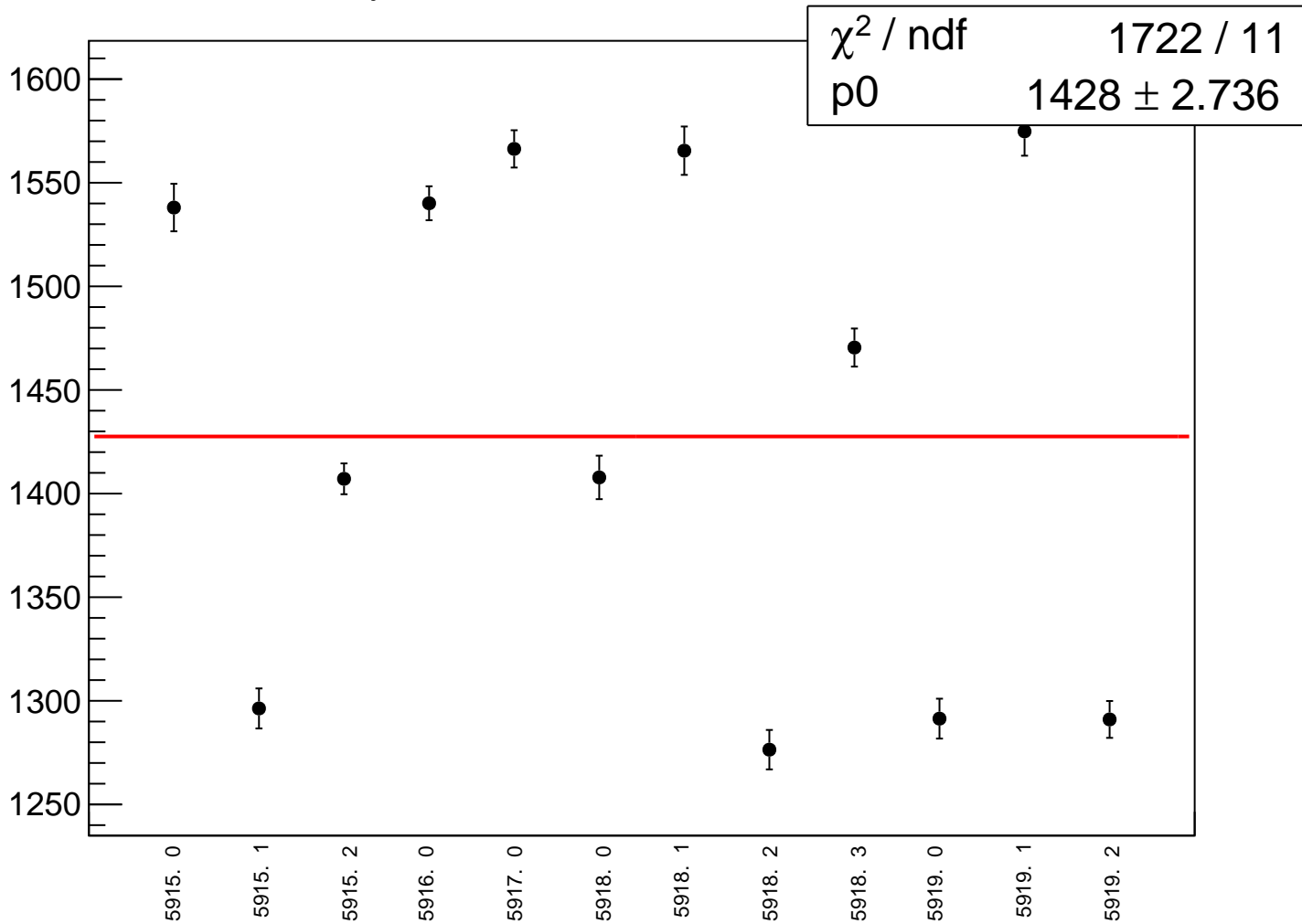
# asym\_sam\_15\_dd\_correction\_rms vs run



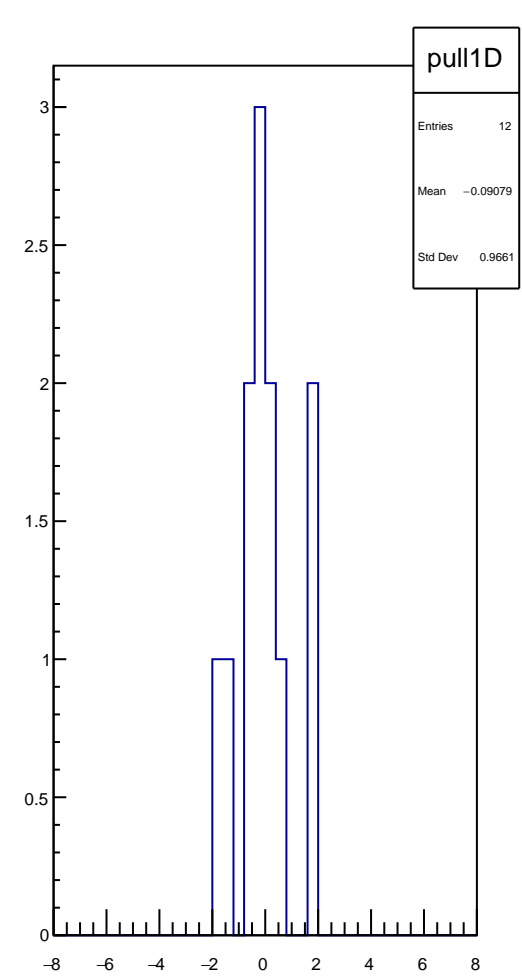
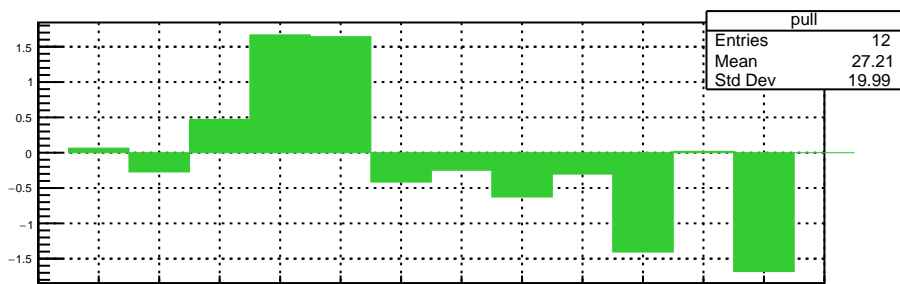
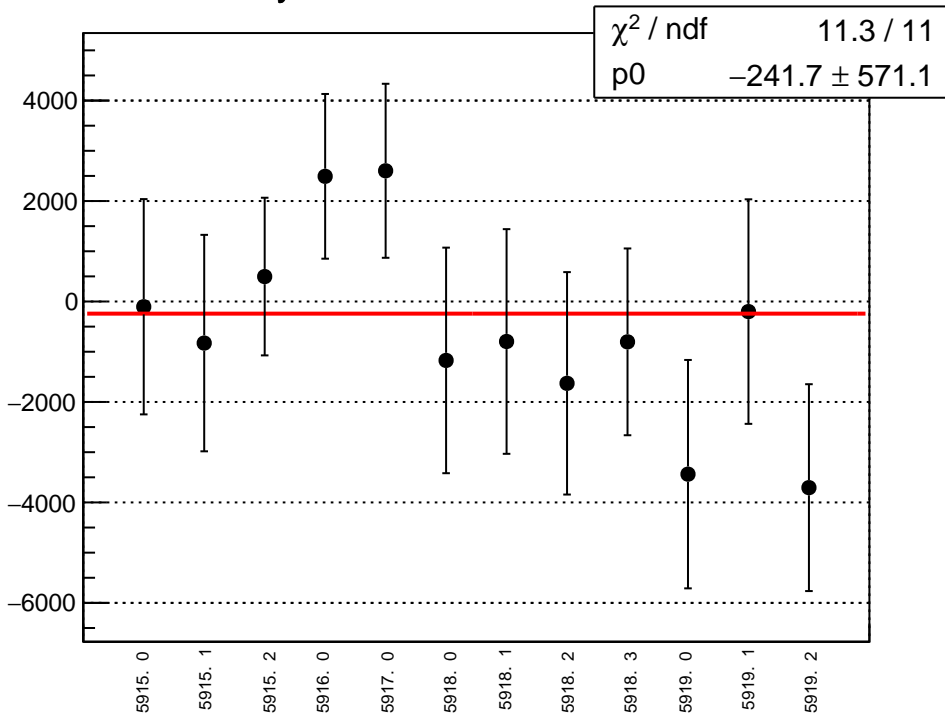
# asym\_sam\_15\_dd\_mean vs run



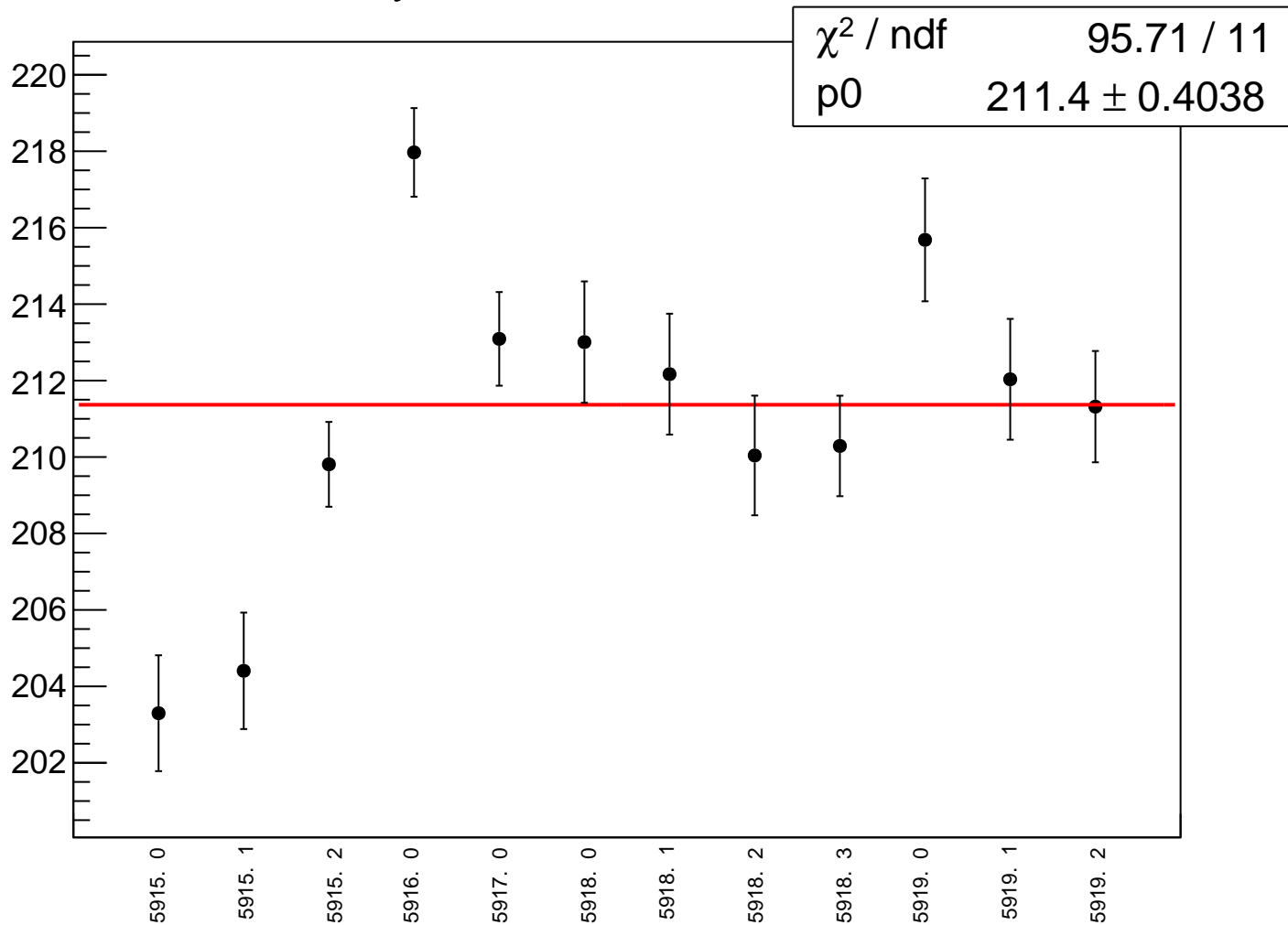
# asym\_sam\_15\_dd\_rms vs run



# dit\_asym\_sam\_26\_dd\_mean vs run

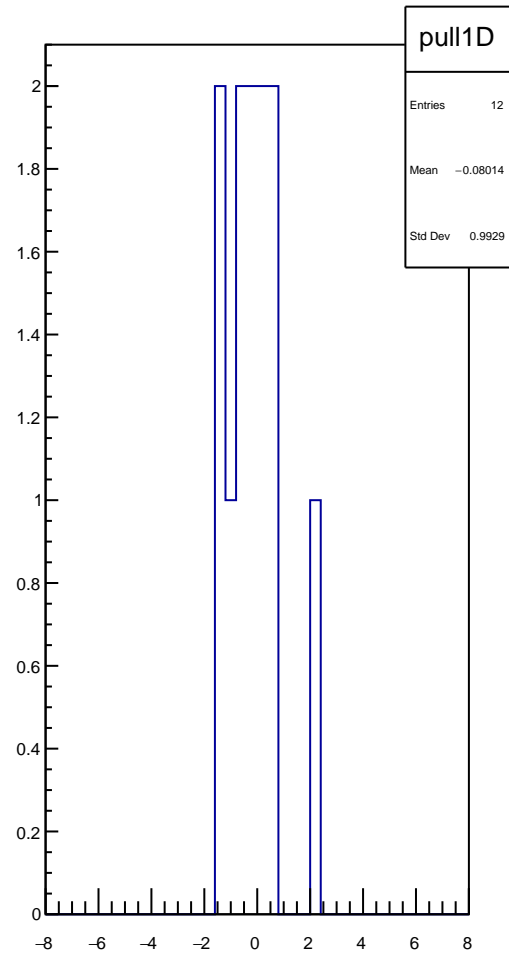
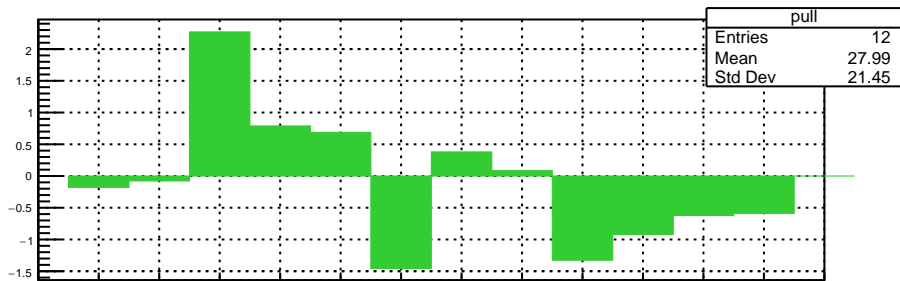
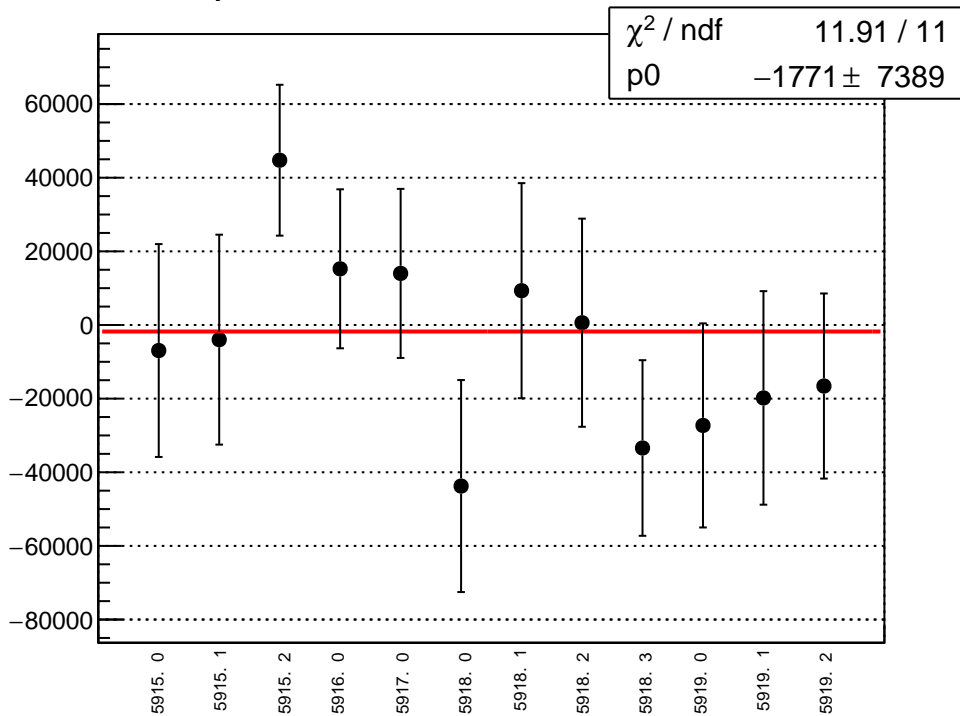


# dit\_asym\_sam\_26\_dd\_rms vs run

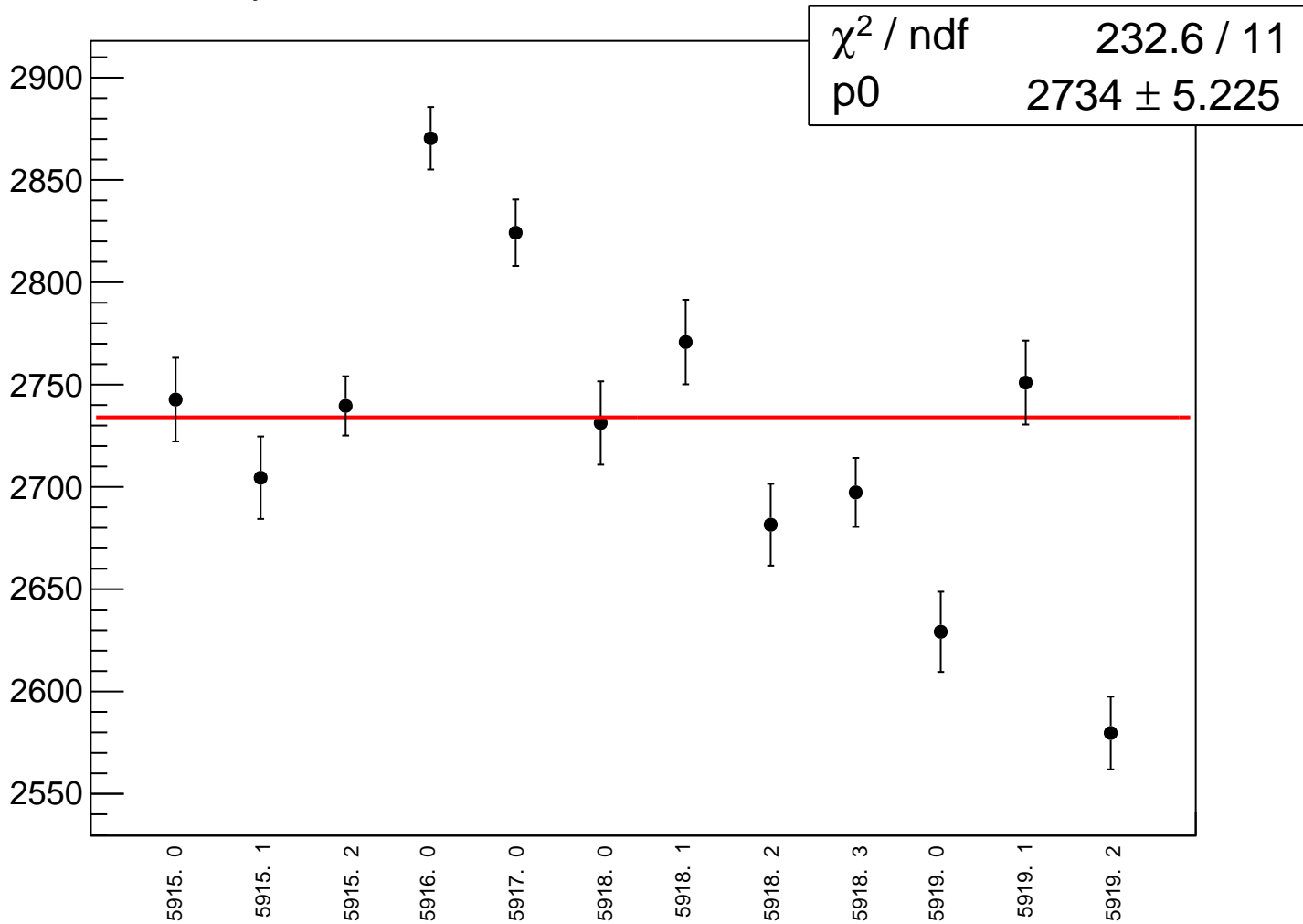




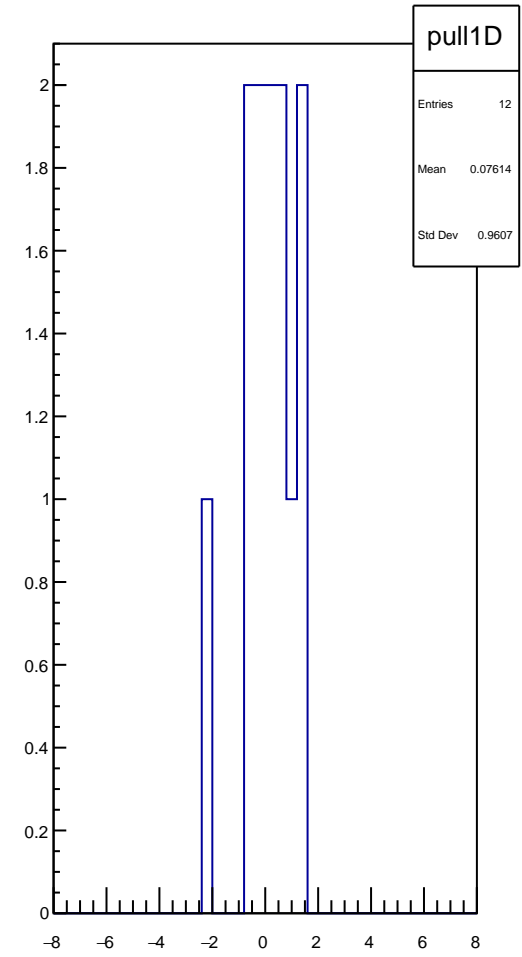
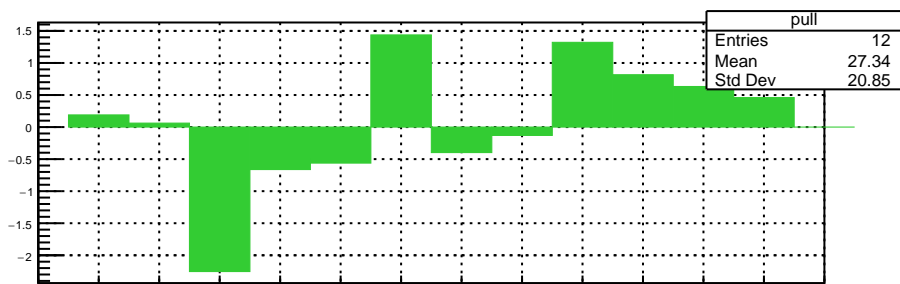
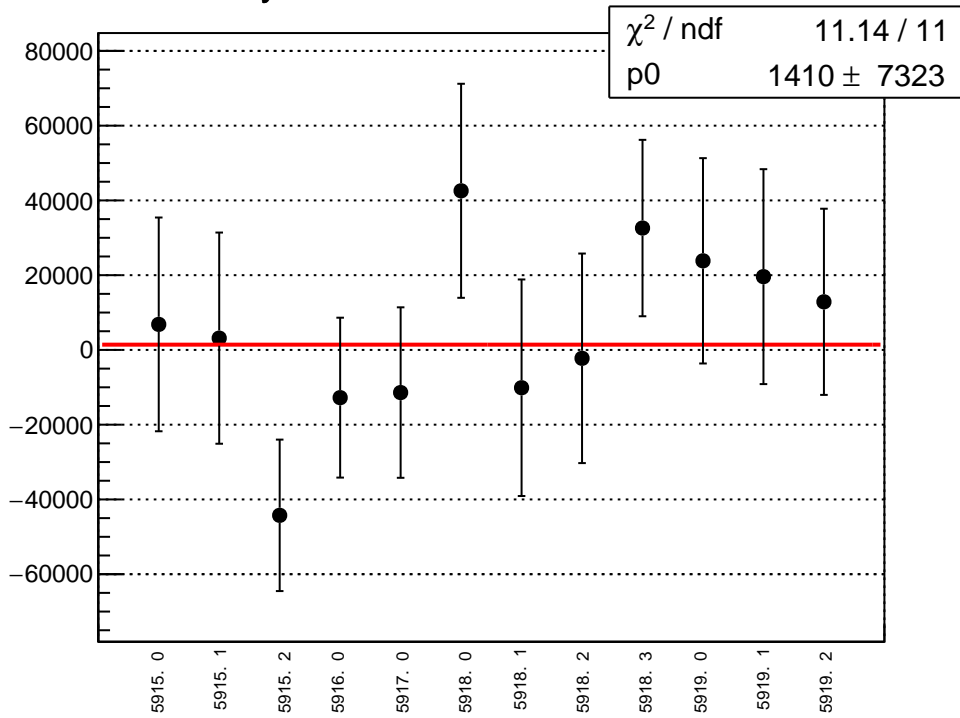
# asym\_sam\_26\_dd\_correction\_mean vs run



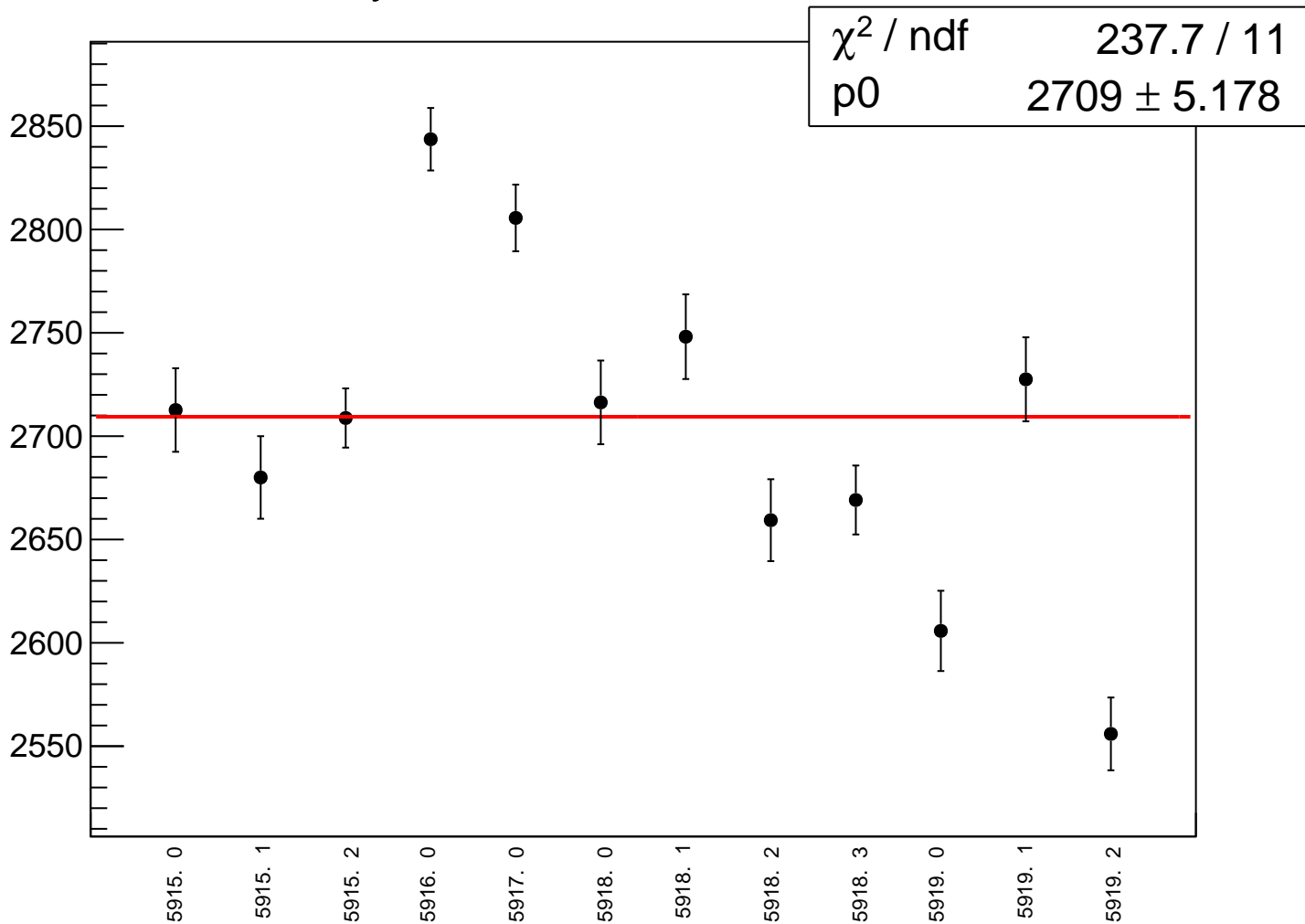
# asym\_sam\_26\_dd\_correction\_rms vs run



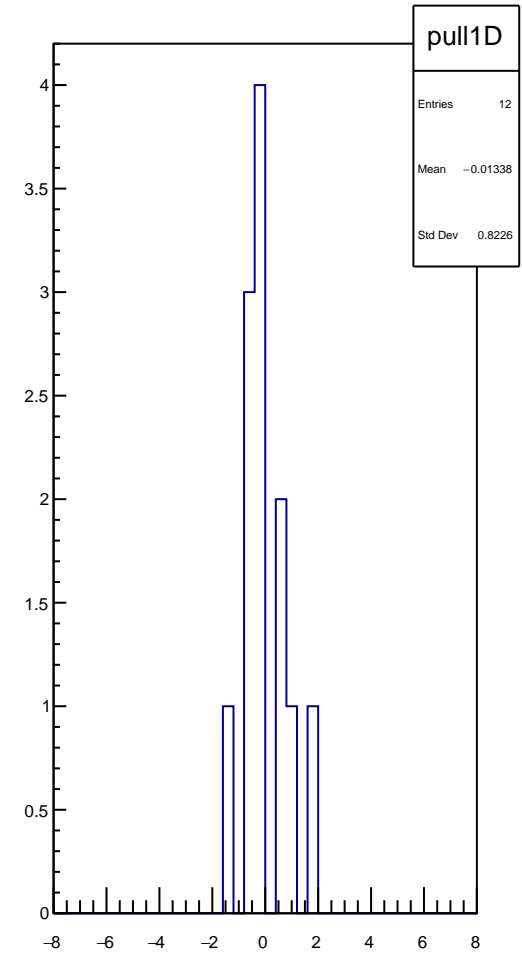
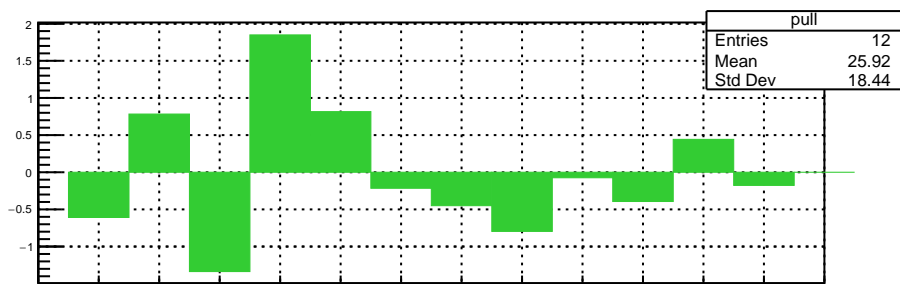
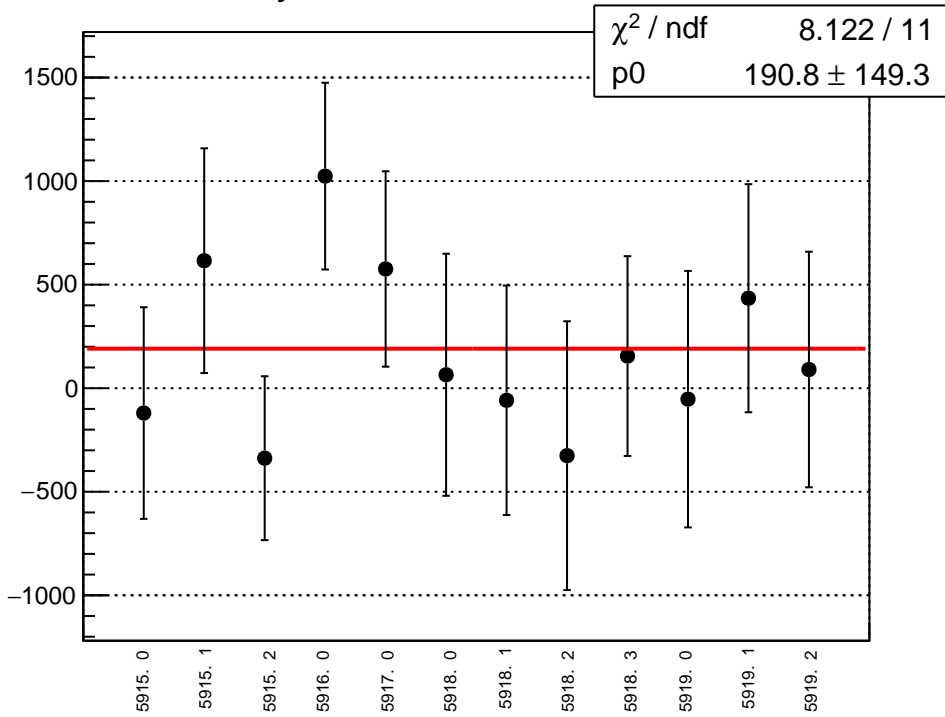
# asym\_sam\_26\_dd\_mean vs run



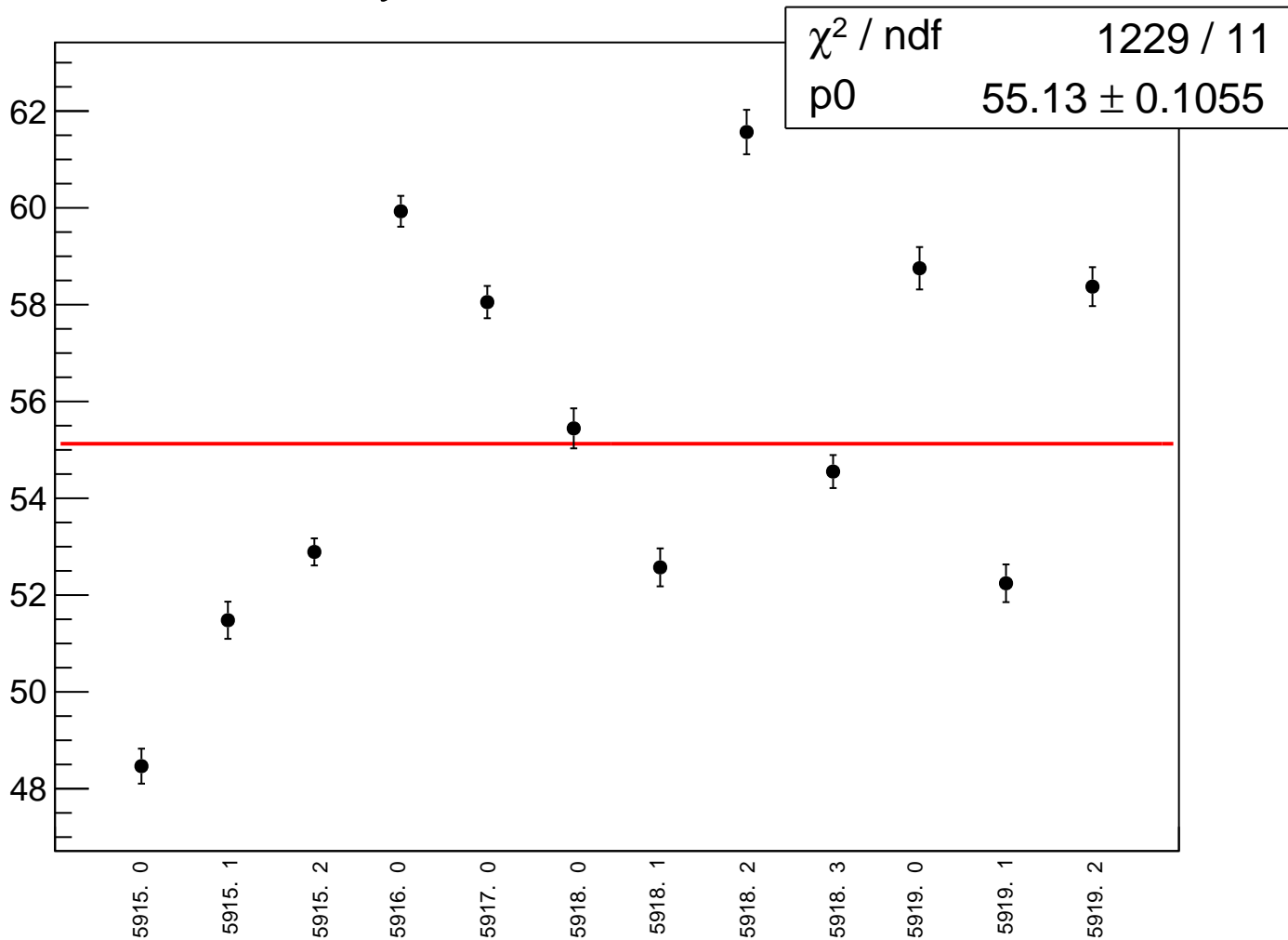
# asym\_sam\_26\_dd\_rms vs run



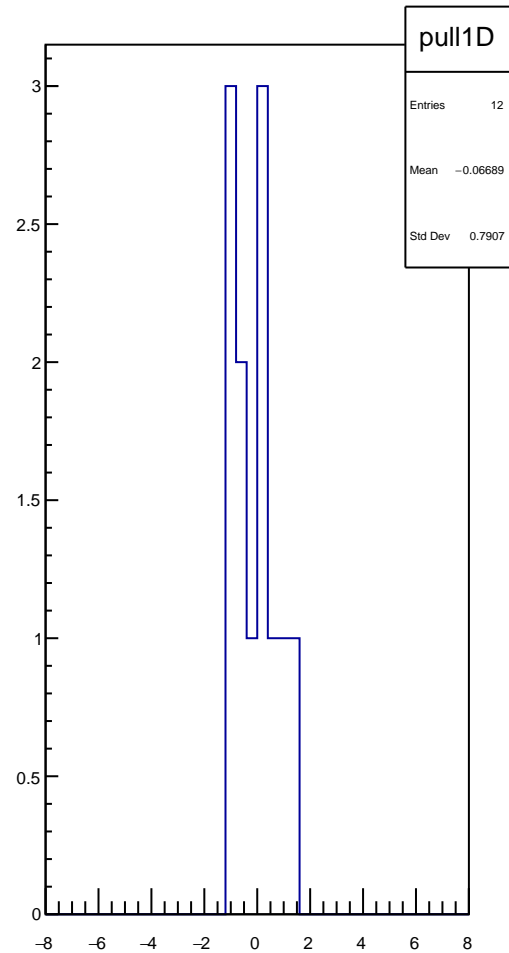
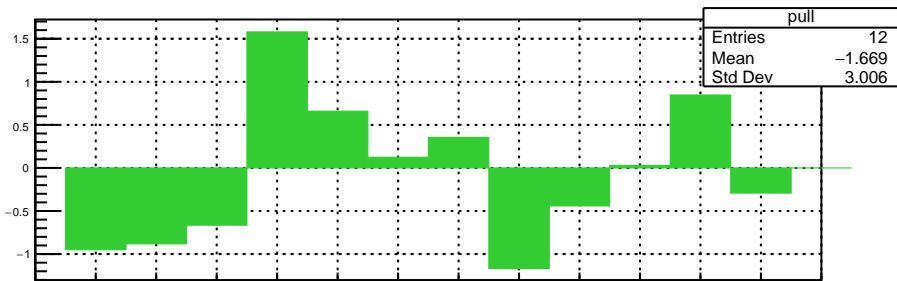
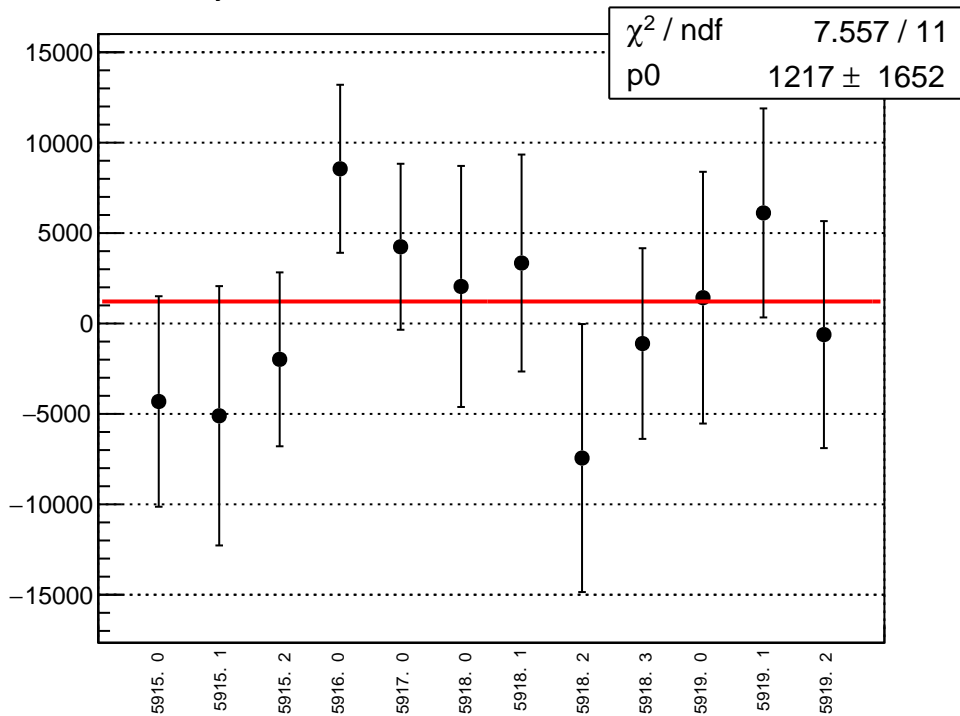
# dit\_asym\_sam\_37\_dd\_mean vs run



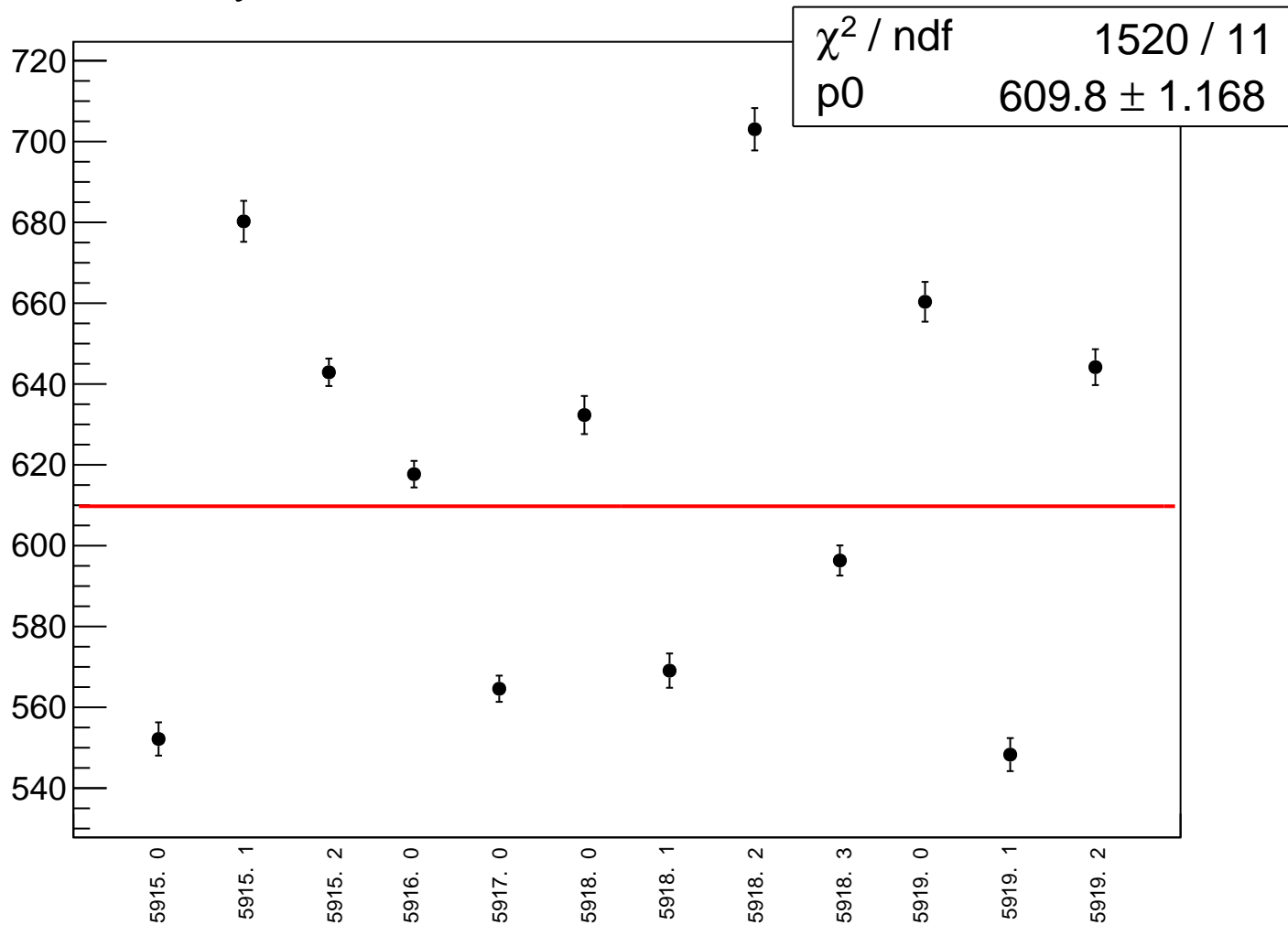
# dit\_asym\_sam\_37\_dd\_rms vs run



asym\_sam\_37\_dd\_correction\_mean vs run

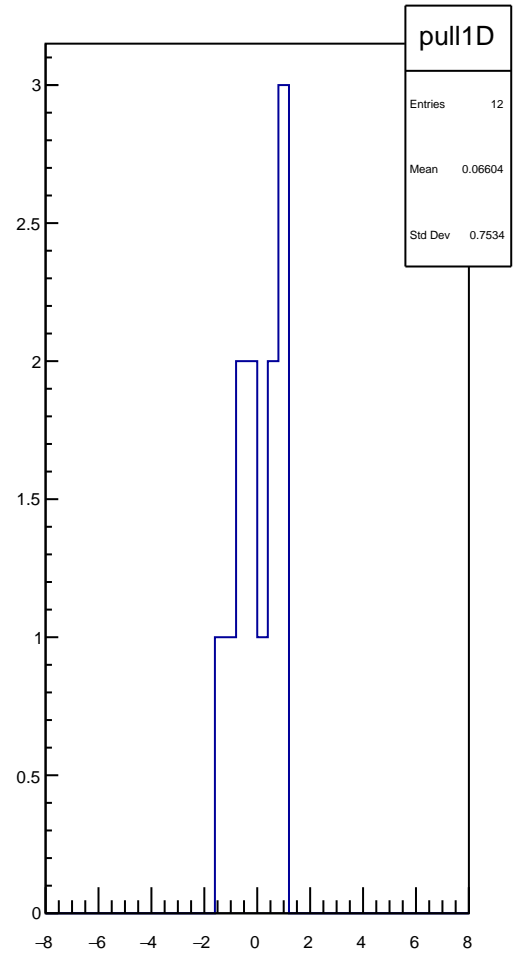
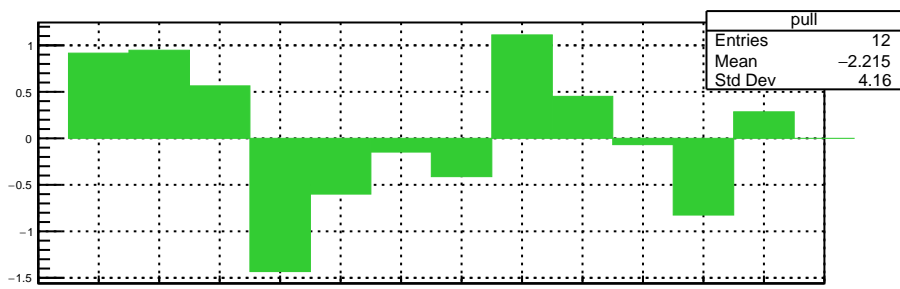
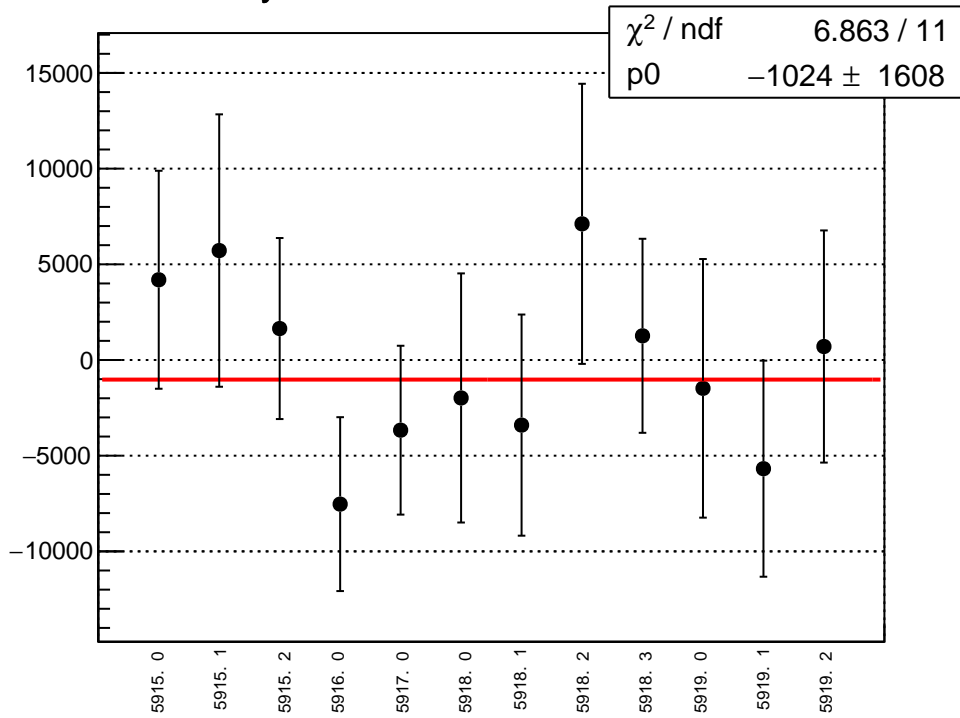


# asym\_sam\_37\_dd\_correction\_rms vs run

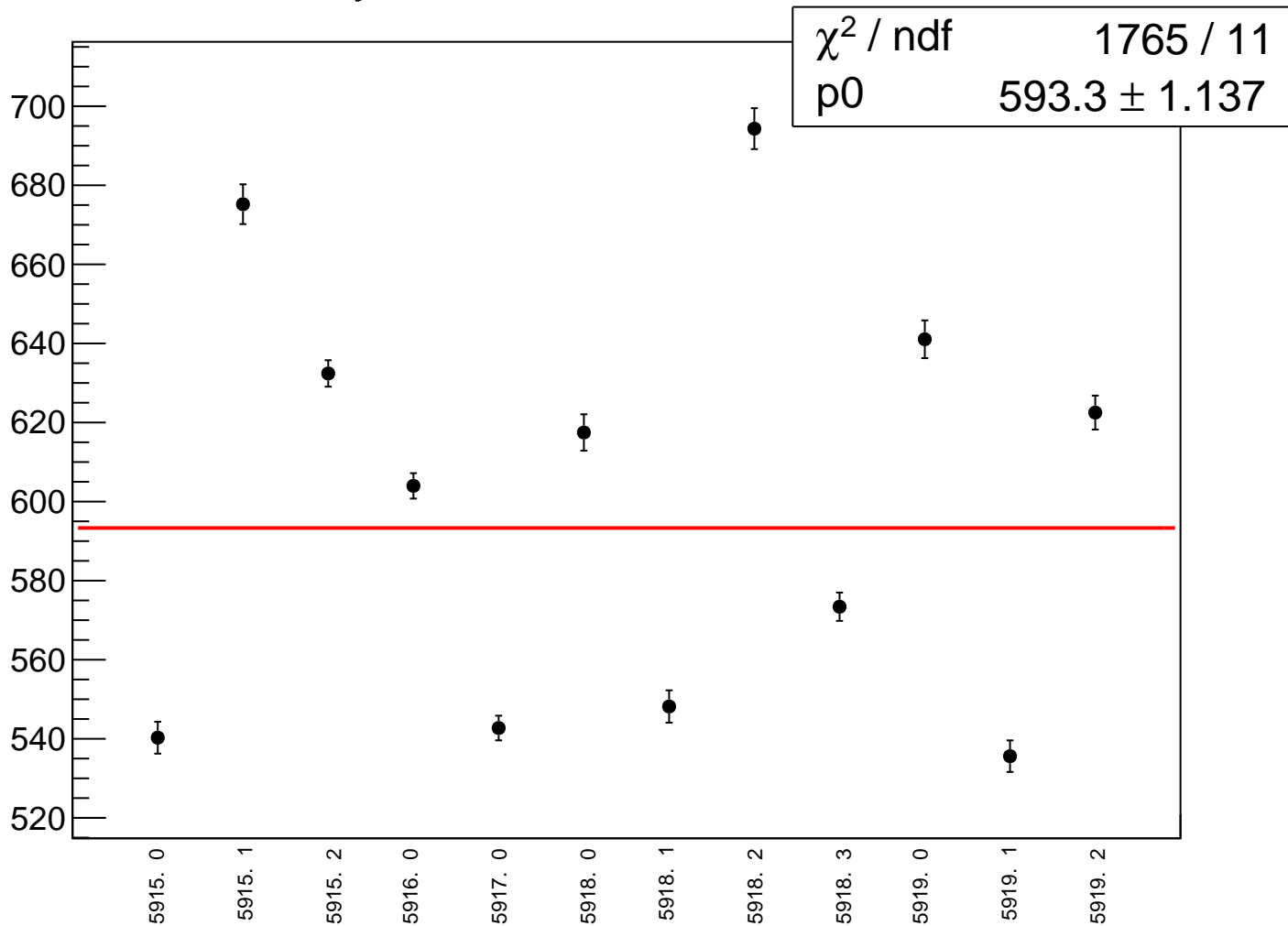




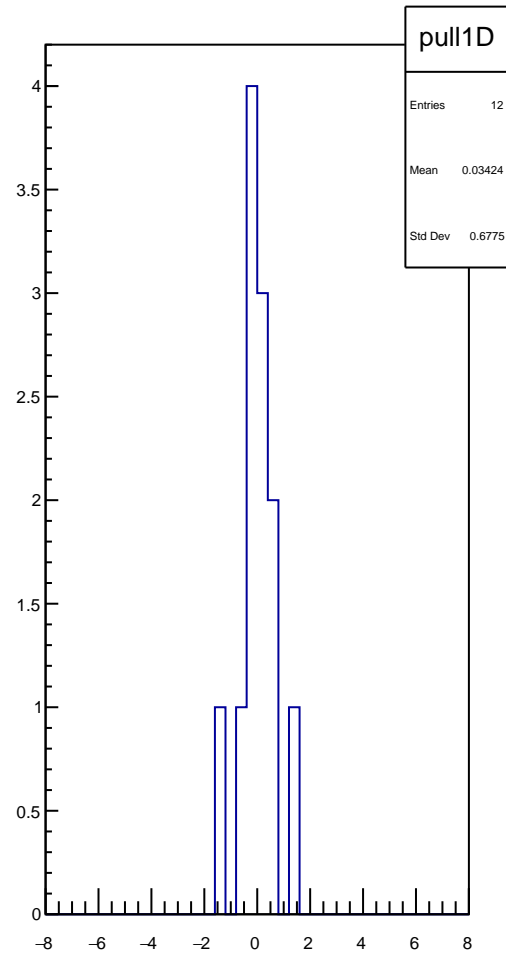
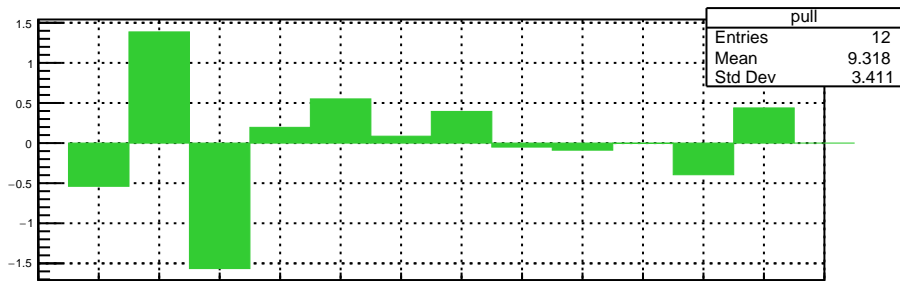
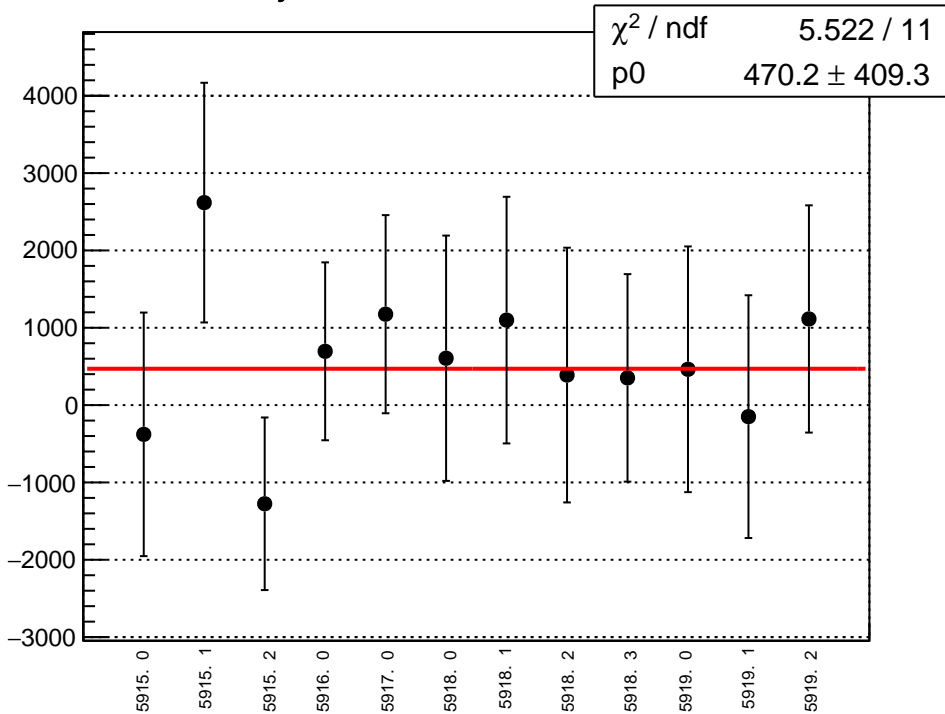
# asym\_sam\_37\_dd\_mean vs run



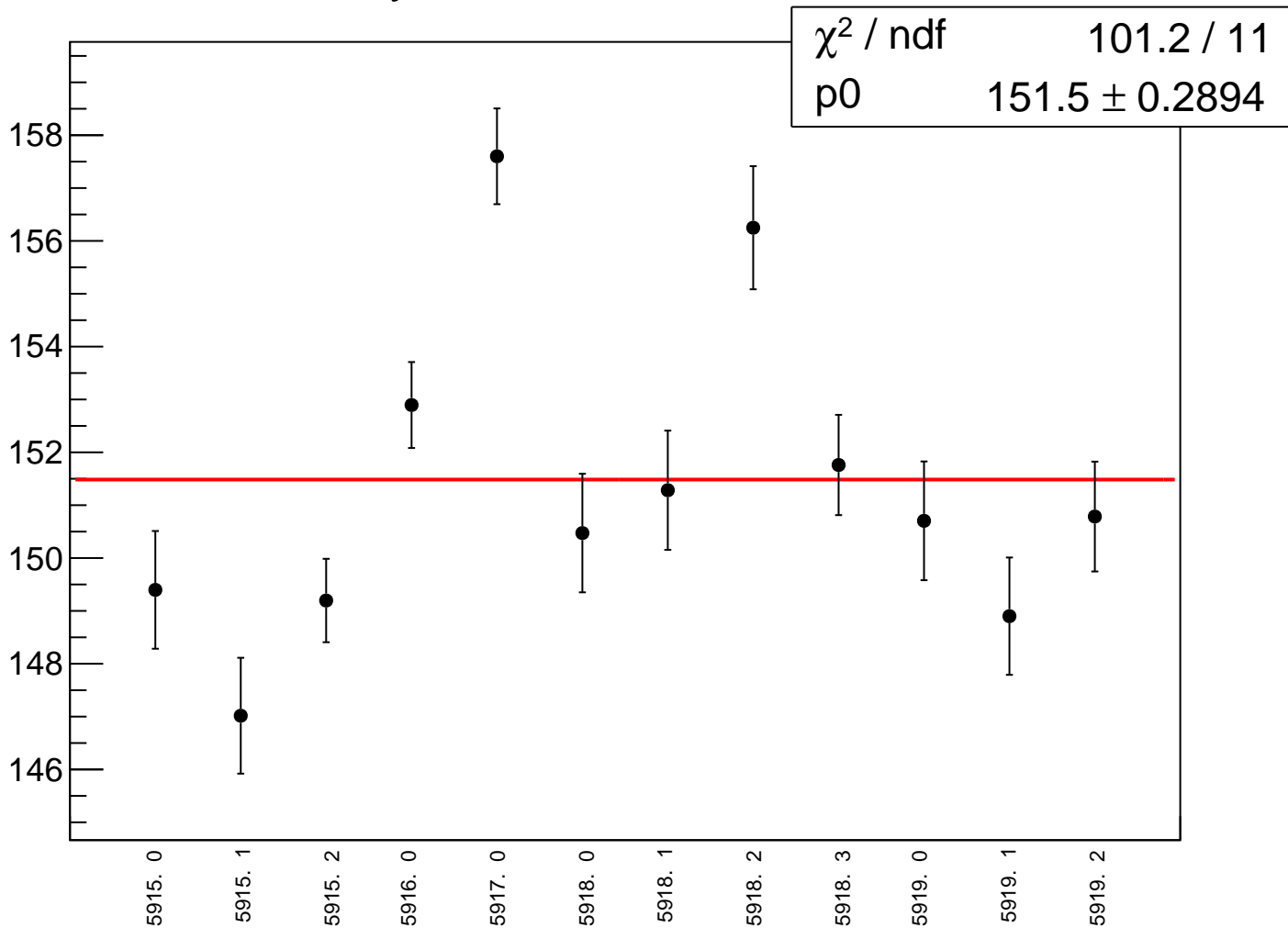
# asym\_sam\_37\_dd\_rms vs run



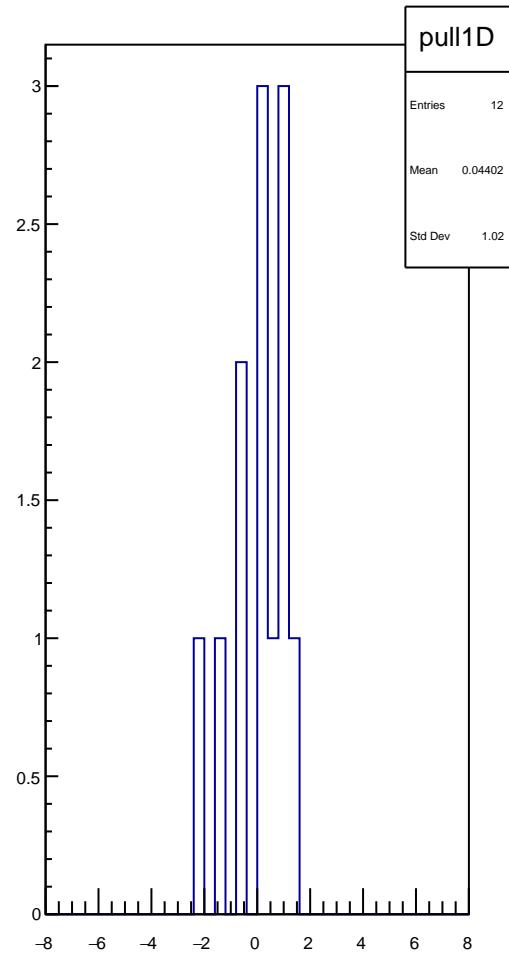
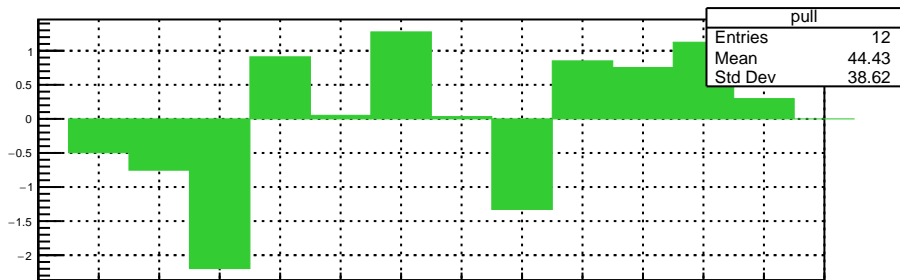
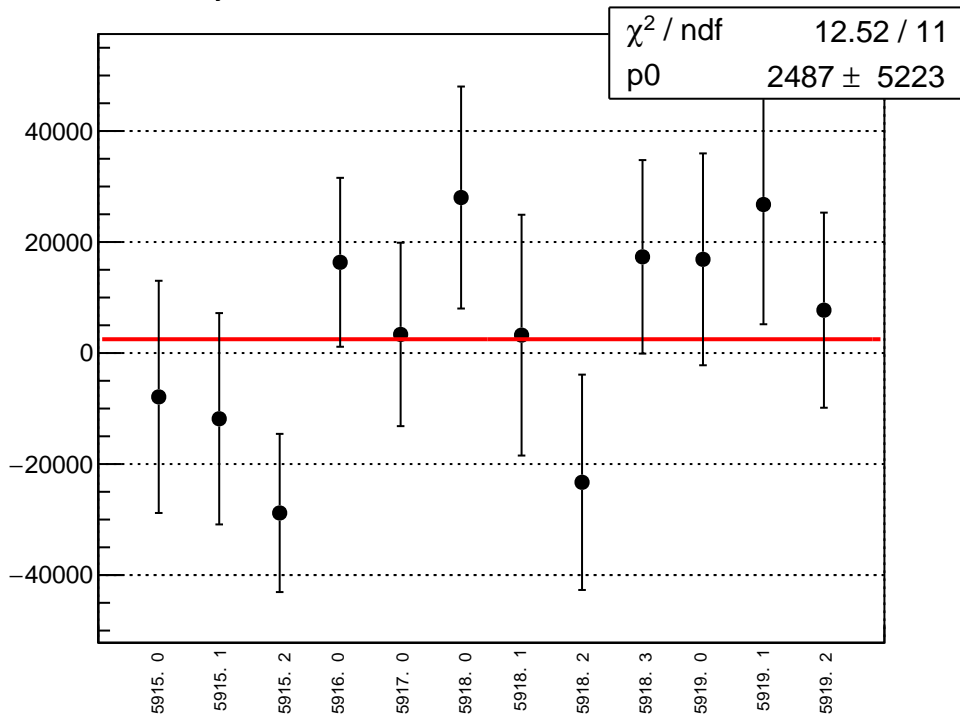
# dit\_asym\_sam\_48\_dd\_mean vs run



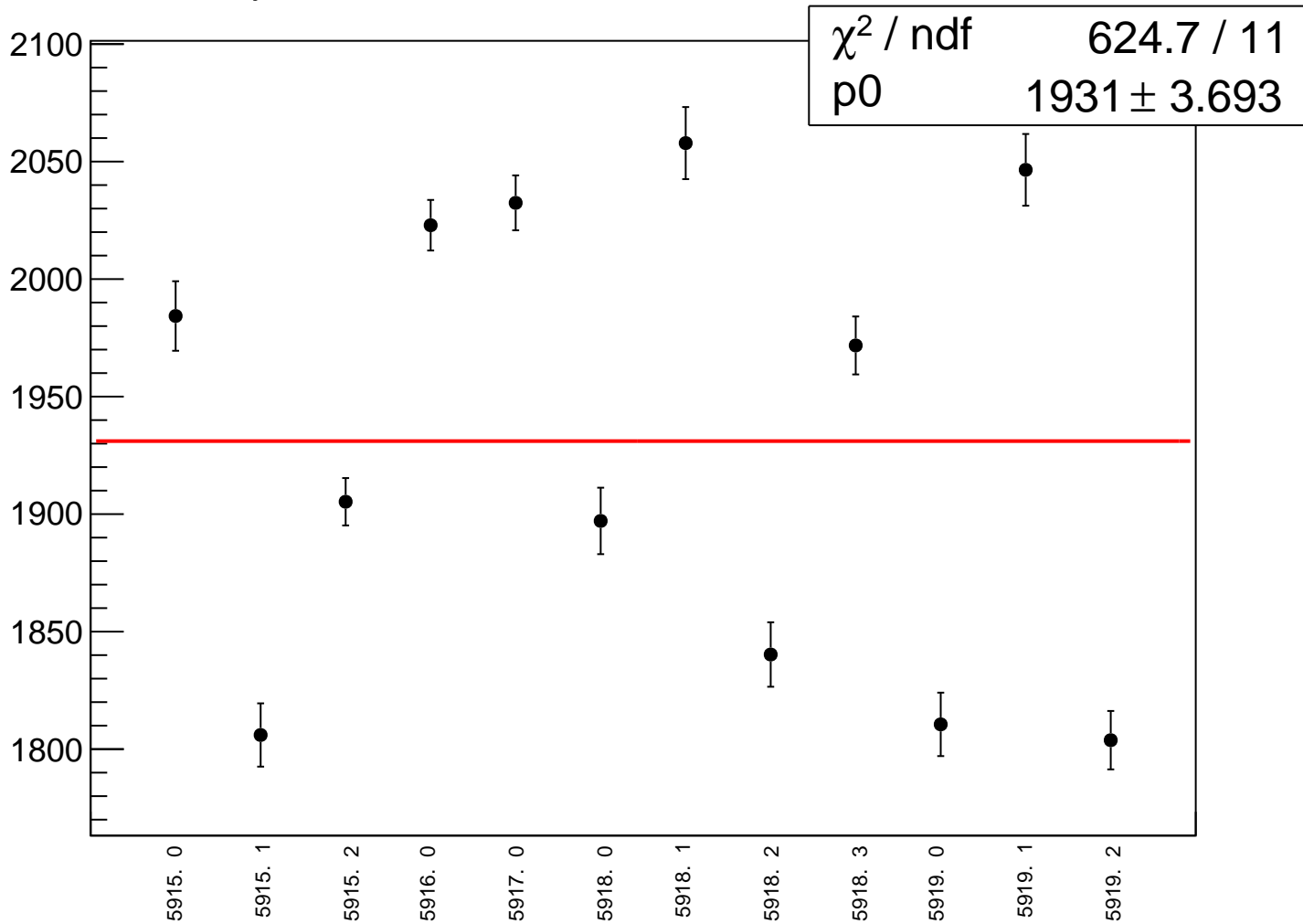
# dit\_asym\_sam\_48\_dd\_rms vs run



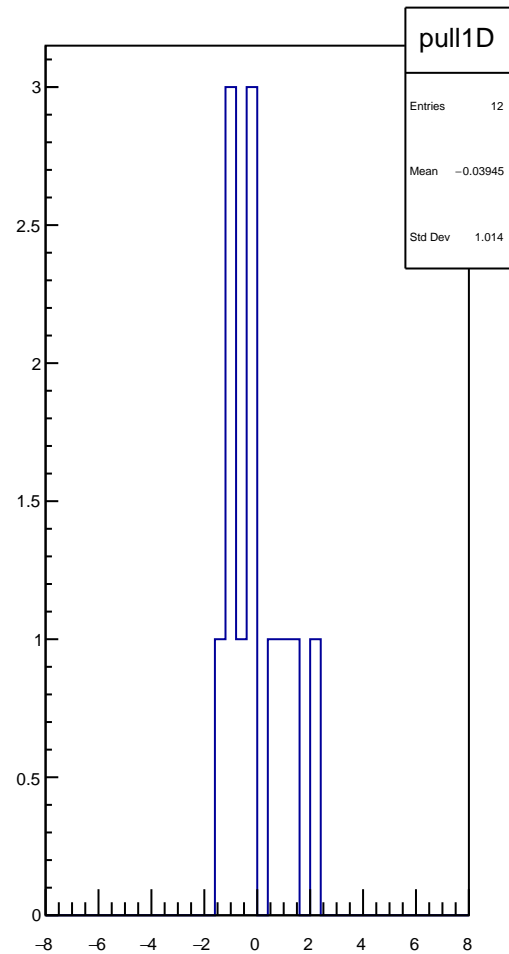
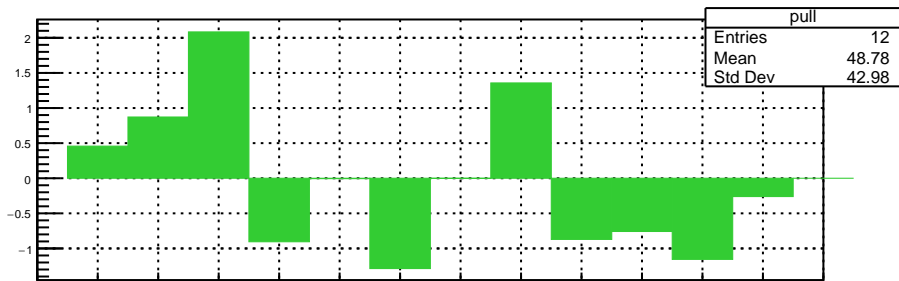
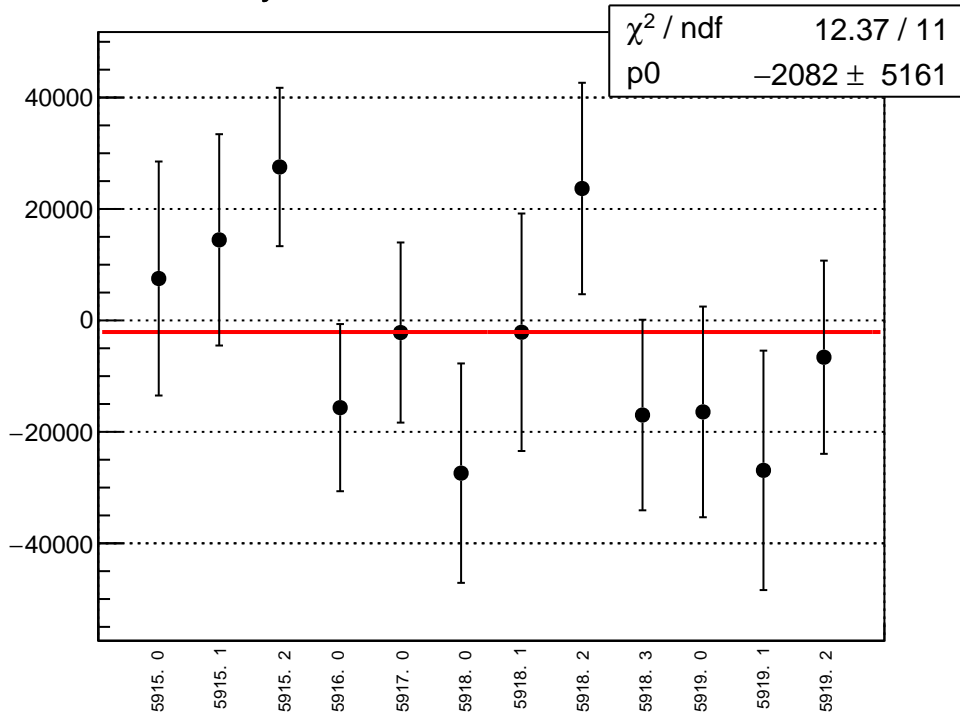
asym\_sam\_48\_dd\_correction\_mean vs run



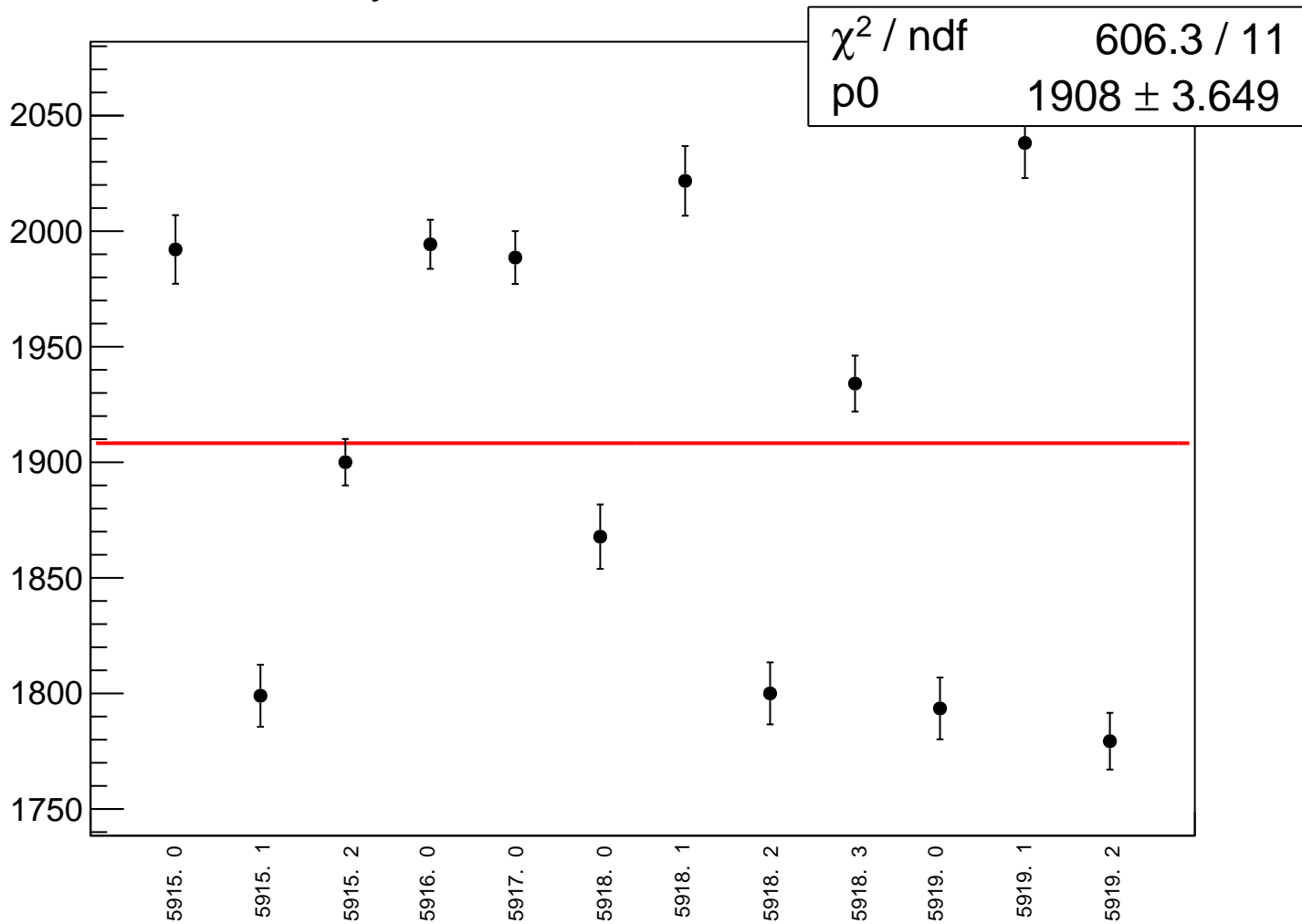
# asym\_sam\_48\_dd\_correction\_rms vs run



# asym\_sam\_48\_dd\_mean vs run

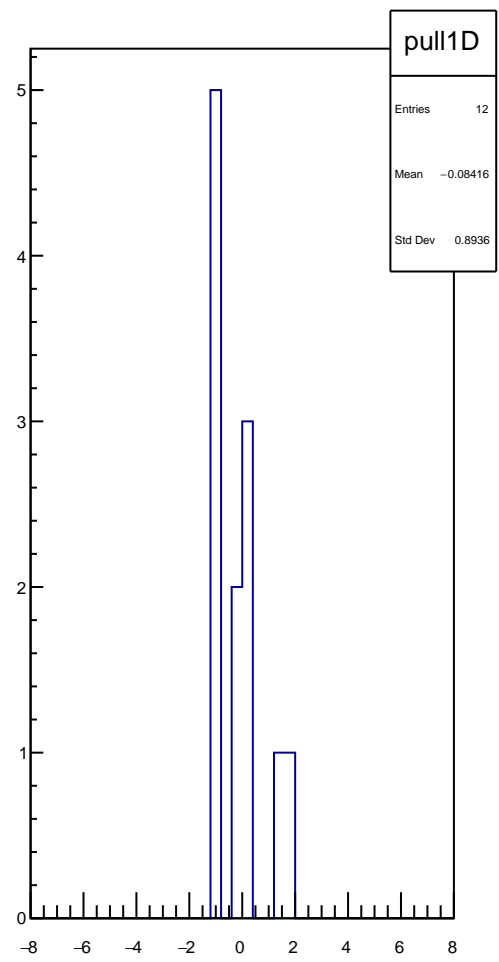
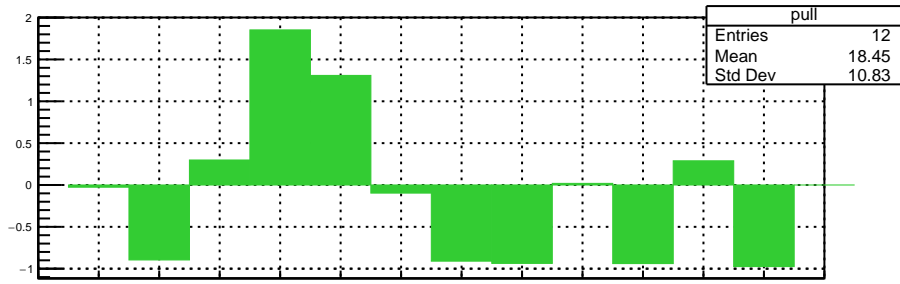
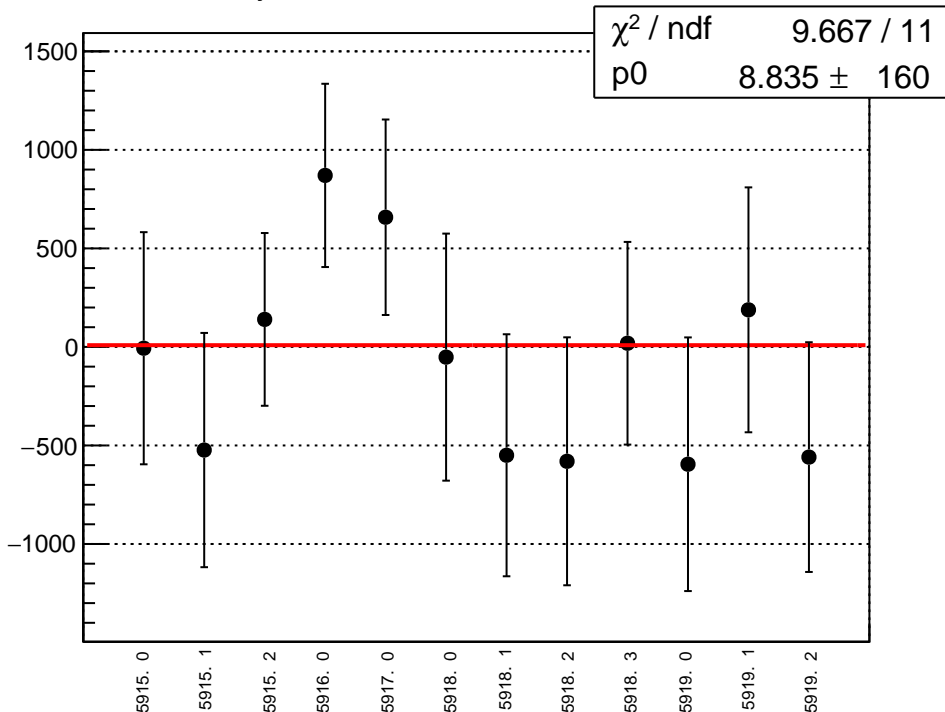


# asym\_sam\_48\_dd\_rms vs run





dit\_asym\_sam\_13\_57\_dd\_mean vs run



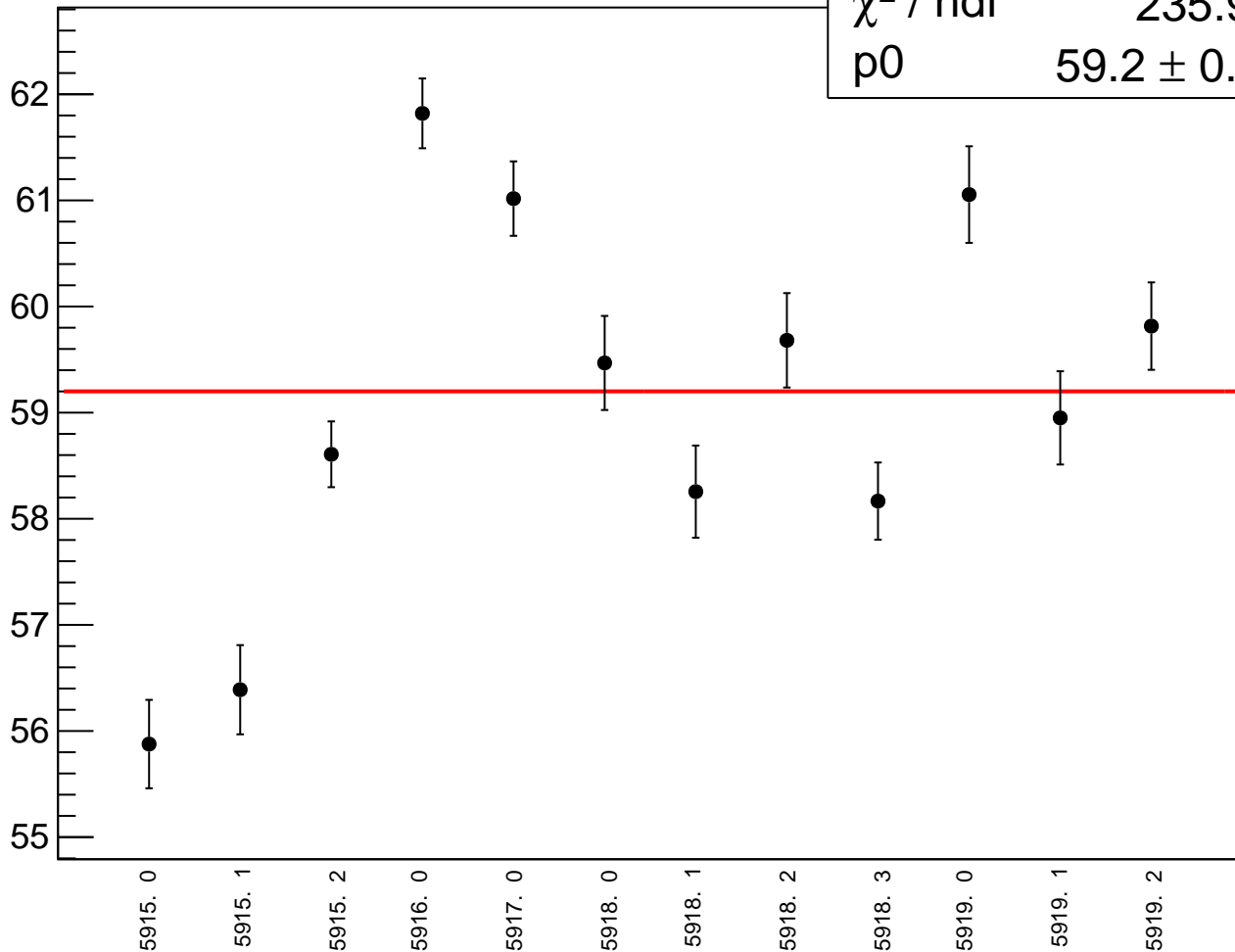
# dit\_asym\_sam\_13\_57\_dd\_rms vs run

$\chi^2 / \text{ndf}$

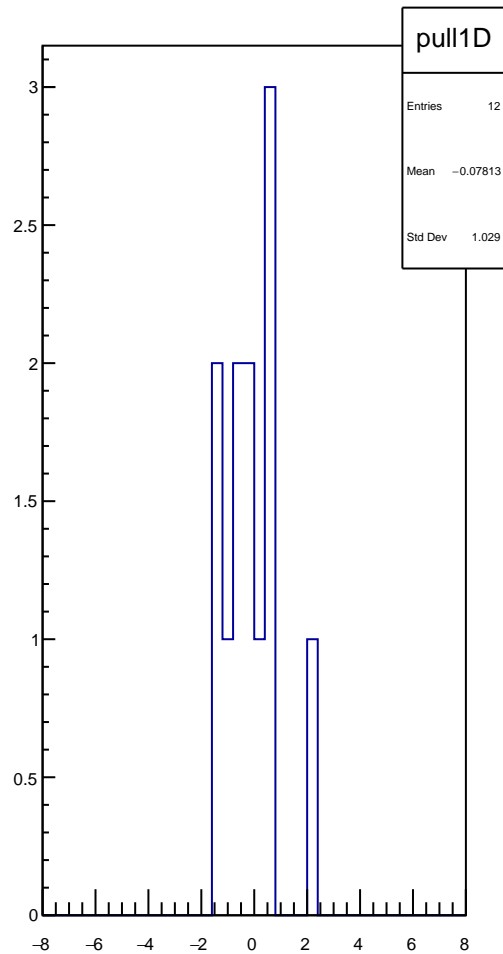
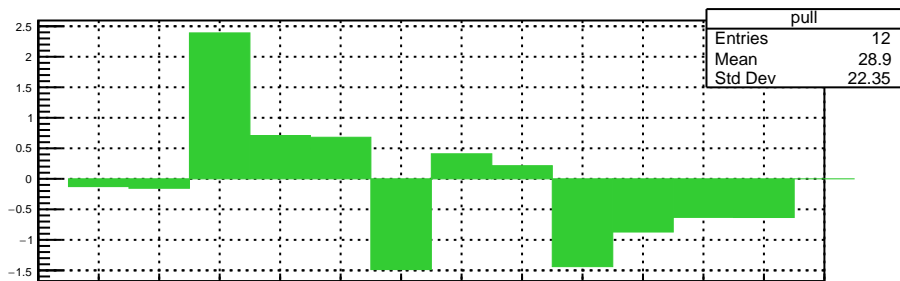
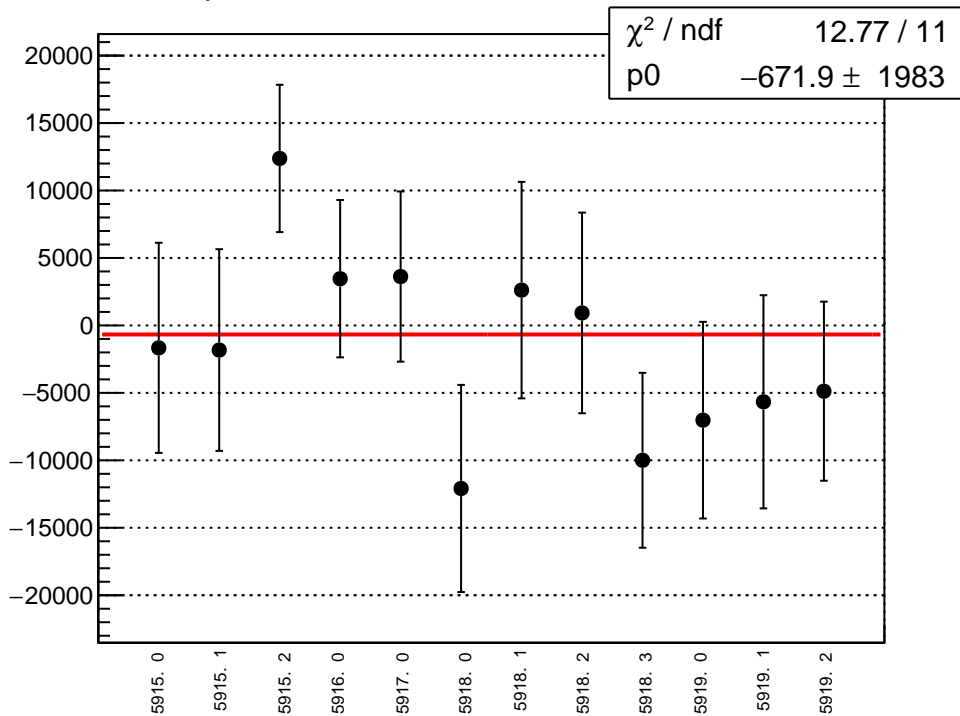
235.9 / 11

p0

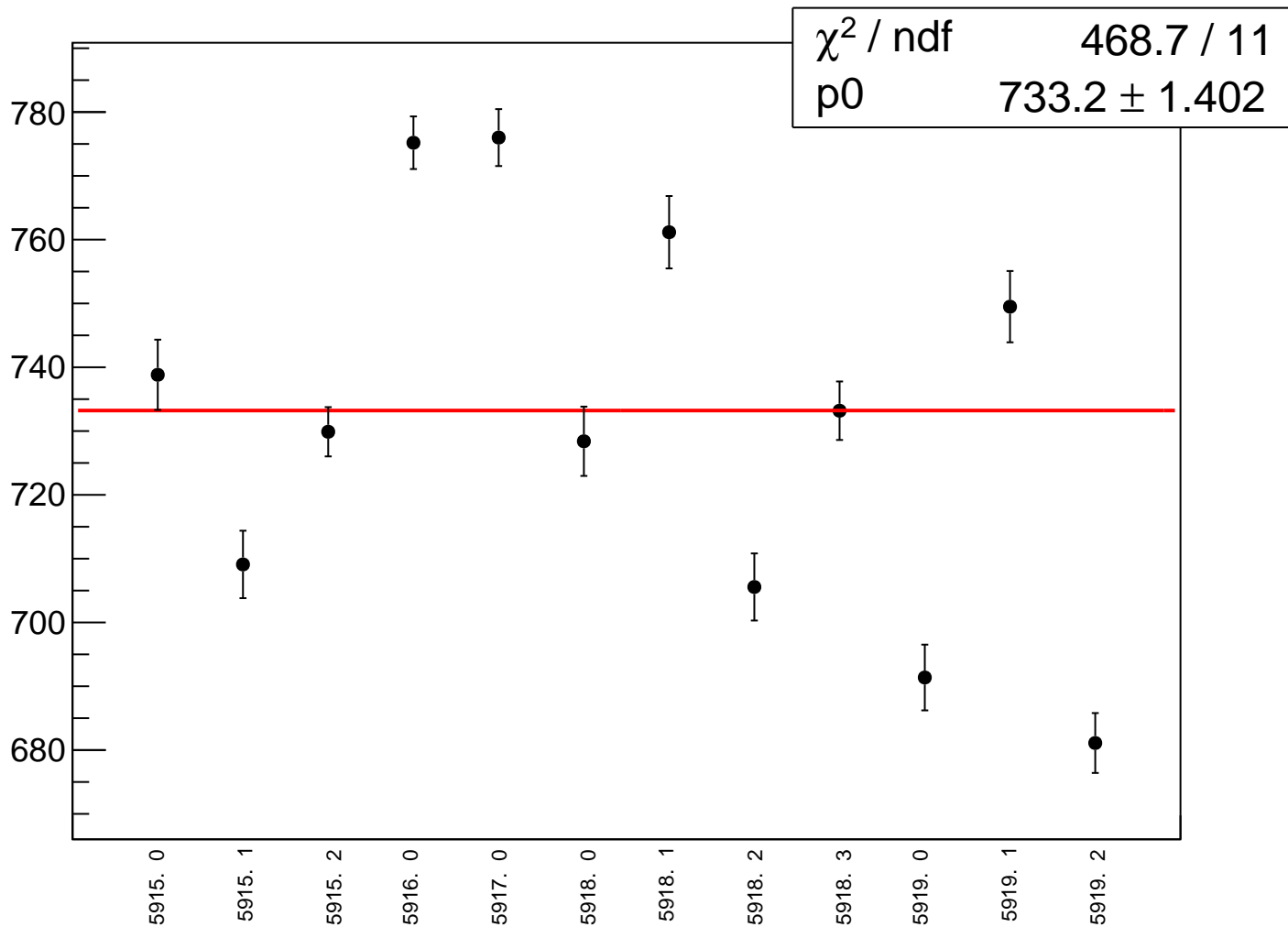
$59.2 \pm 0.1131$



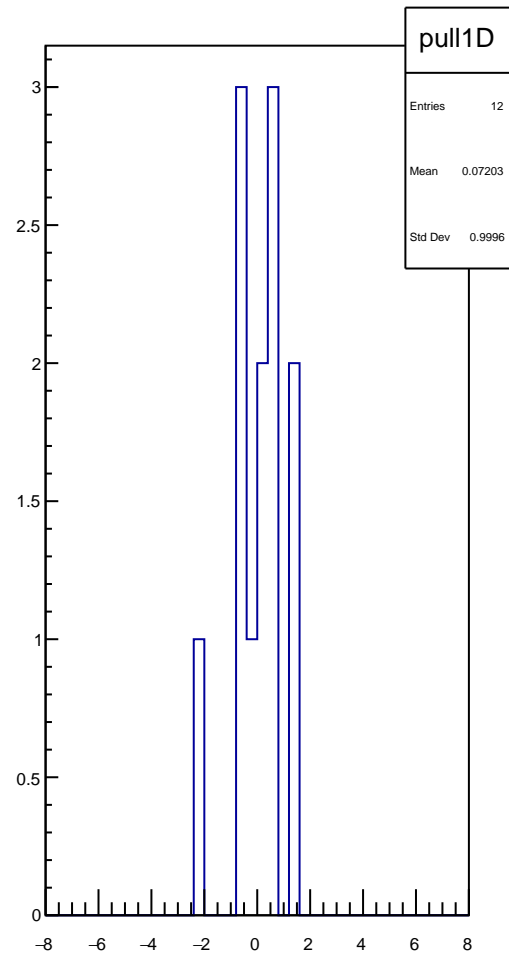
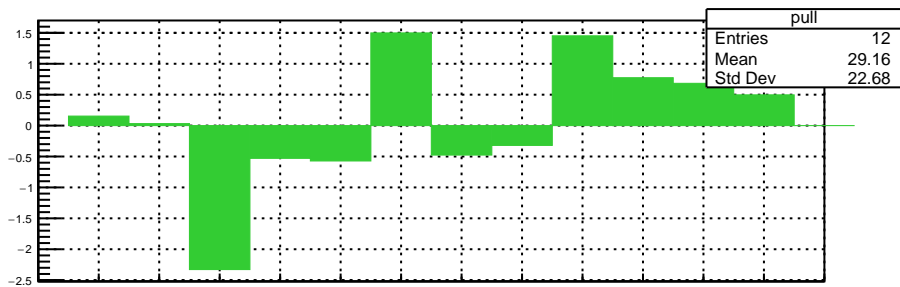
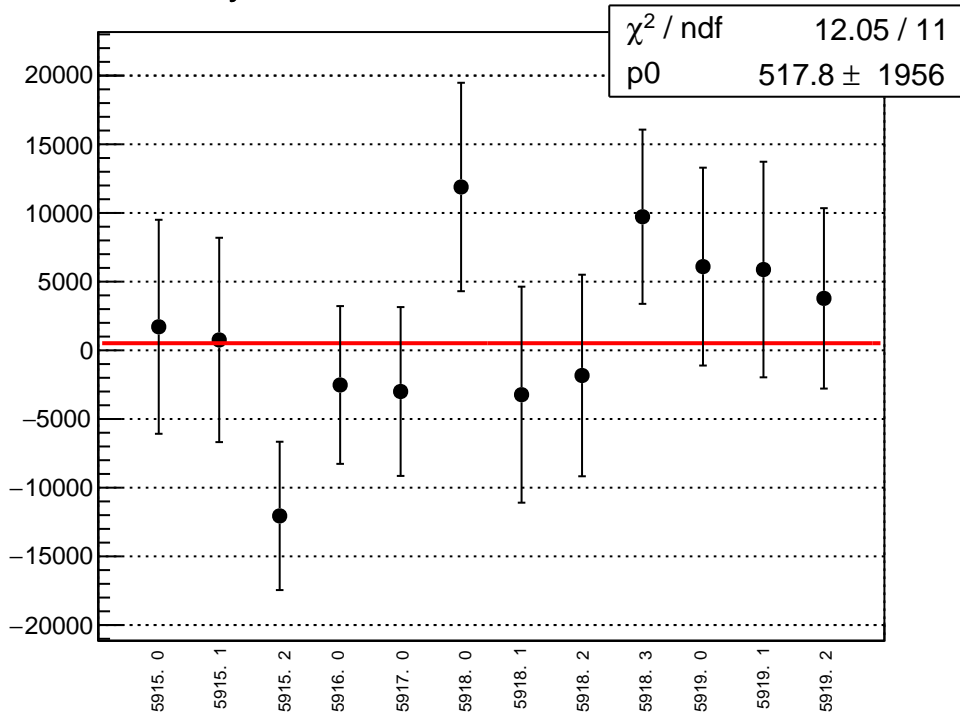
asym\_sam\_13\_57\_dd\_correction\_mean vs run



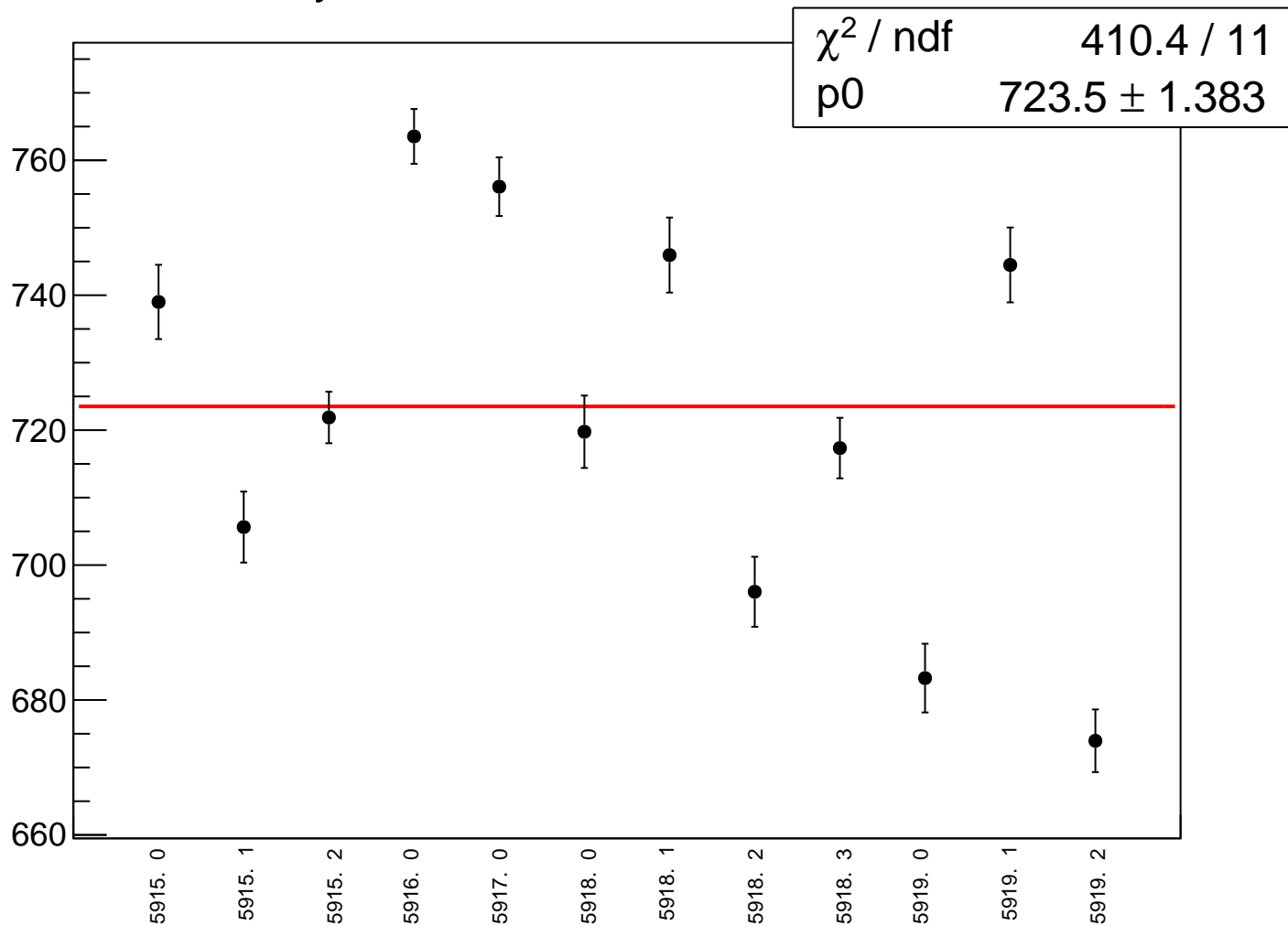
asym\_sam\_13\_57\_dd\_correction\_rms vs run



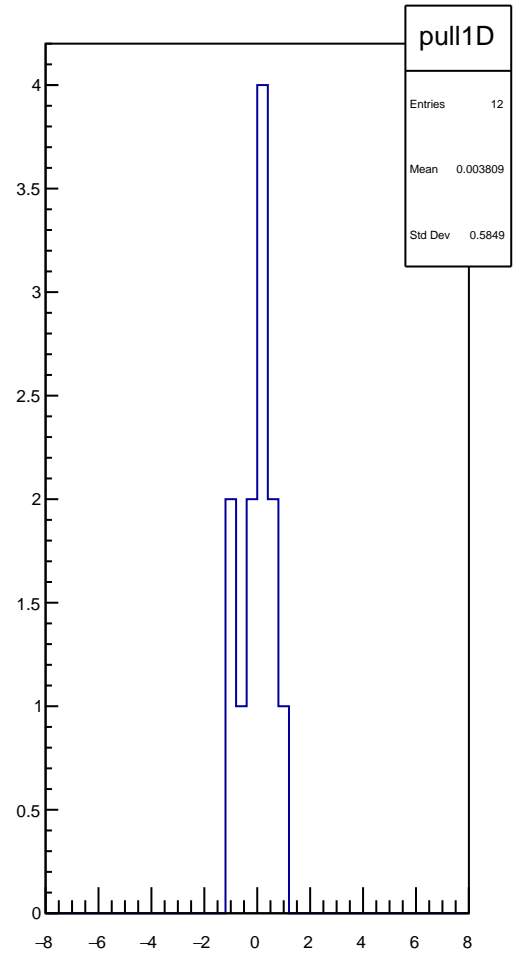
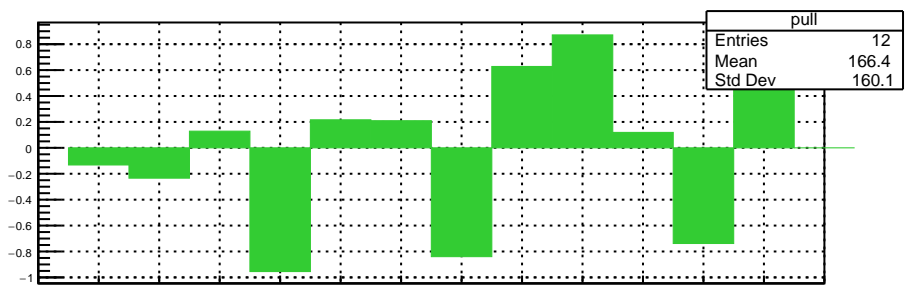
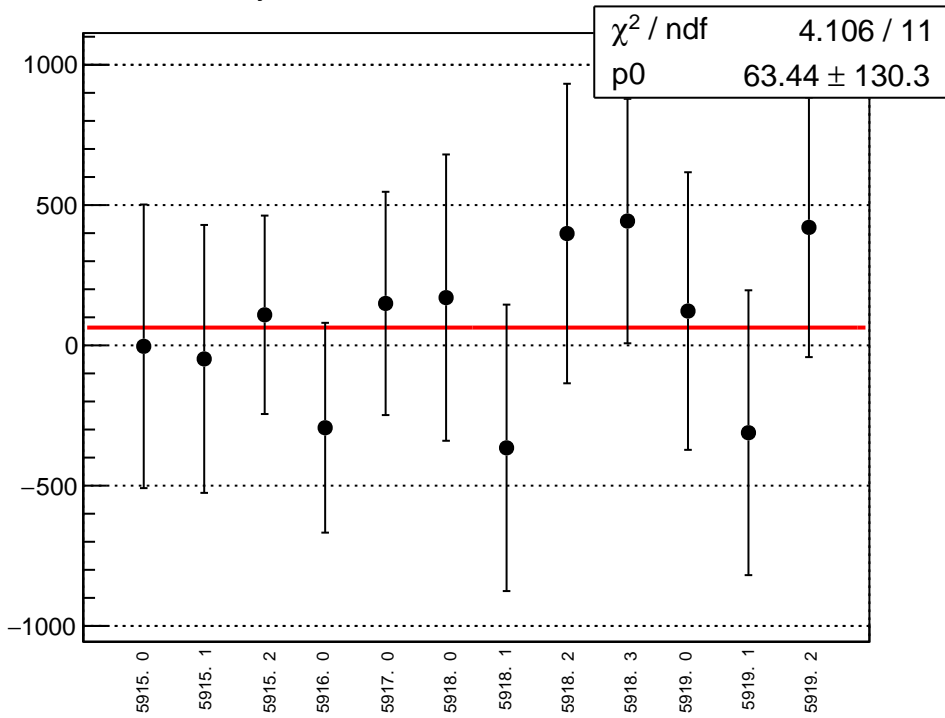
# asym\_sam\_13\_57\_dd\_mean vs run



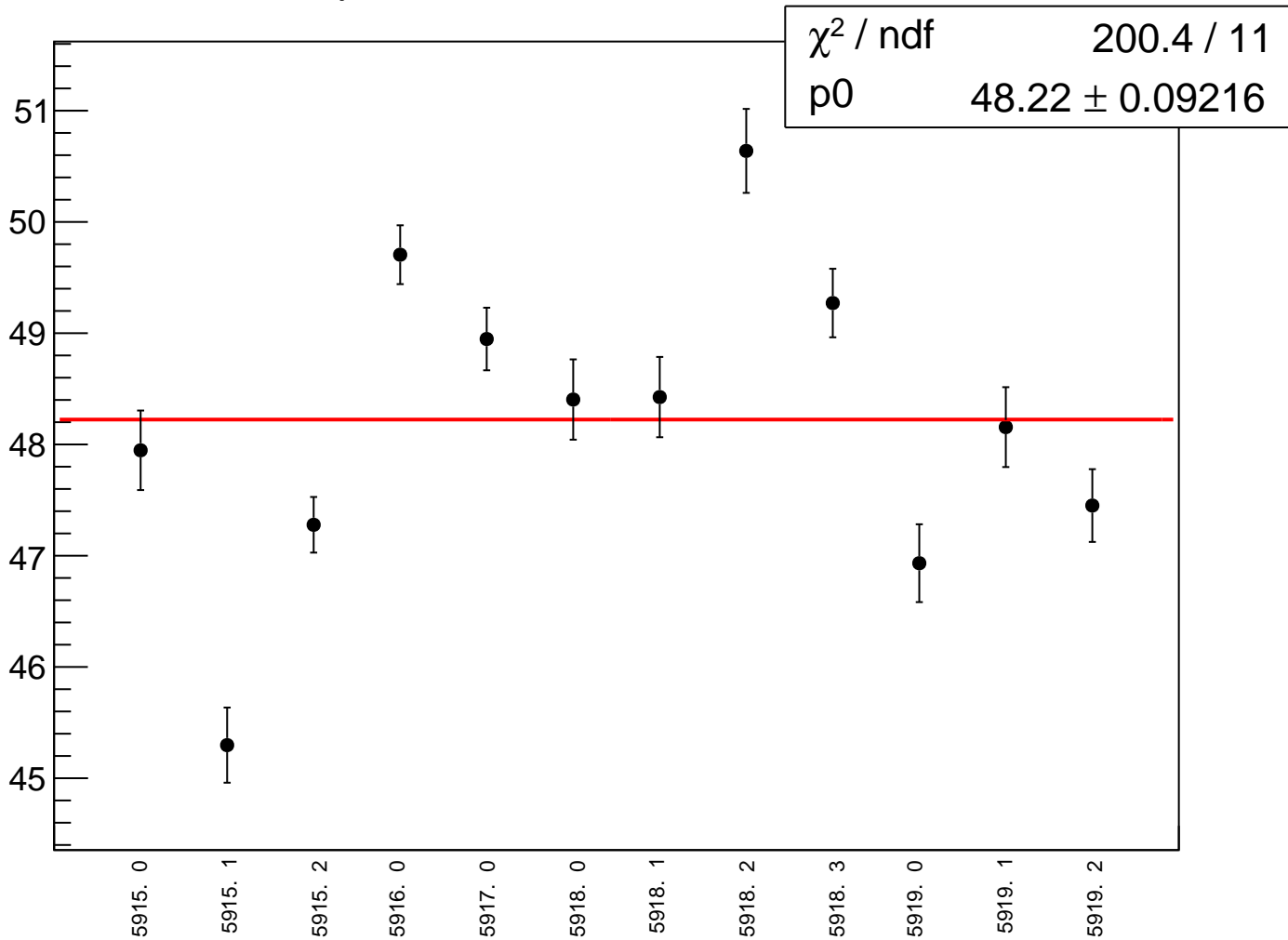
# asym\_sam\_13\_57\_dd\_rms vs run



dit\_asym\_sam\_15\_37\_dd\_mean vs run

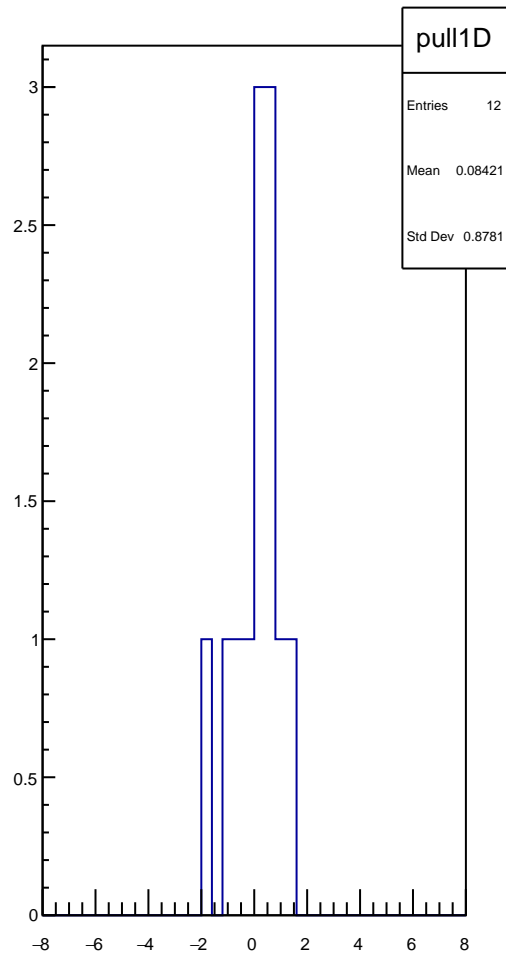
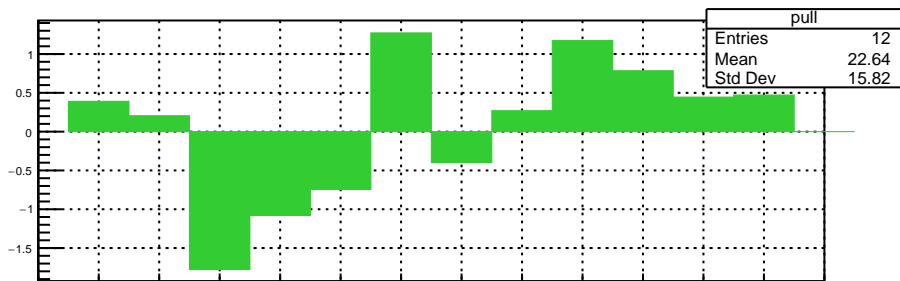
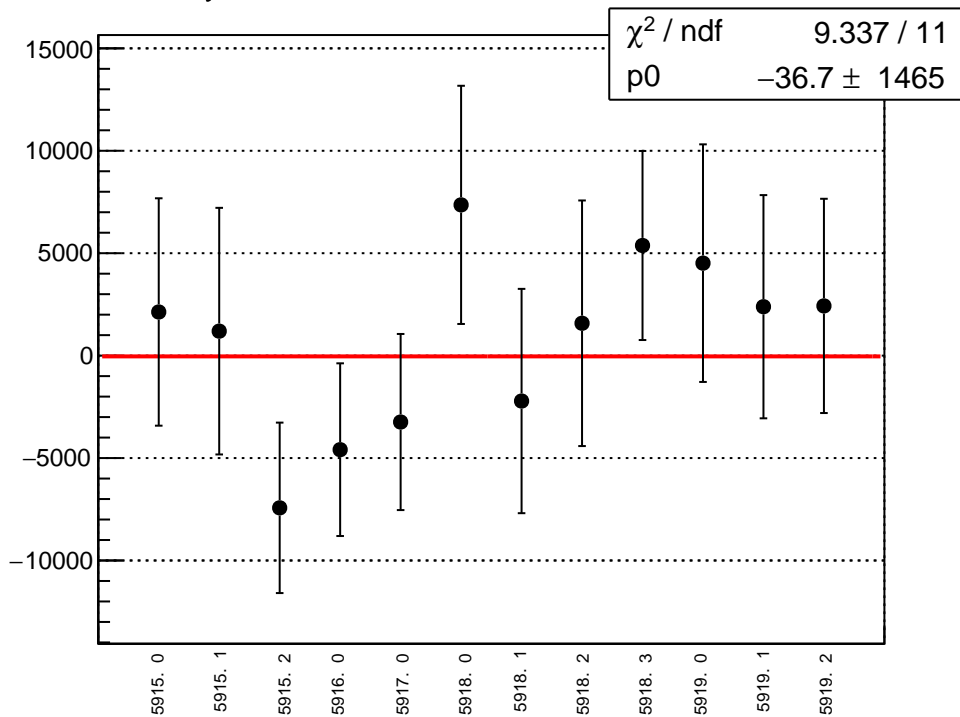


# dit\_asym\_sam\_15\_37\_dd\_rms vs run

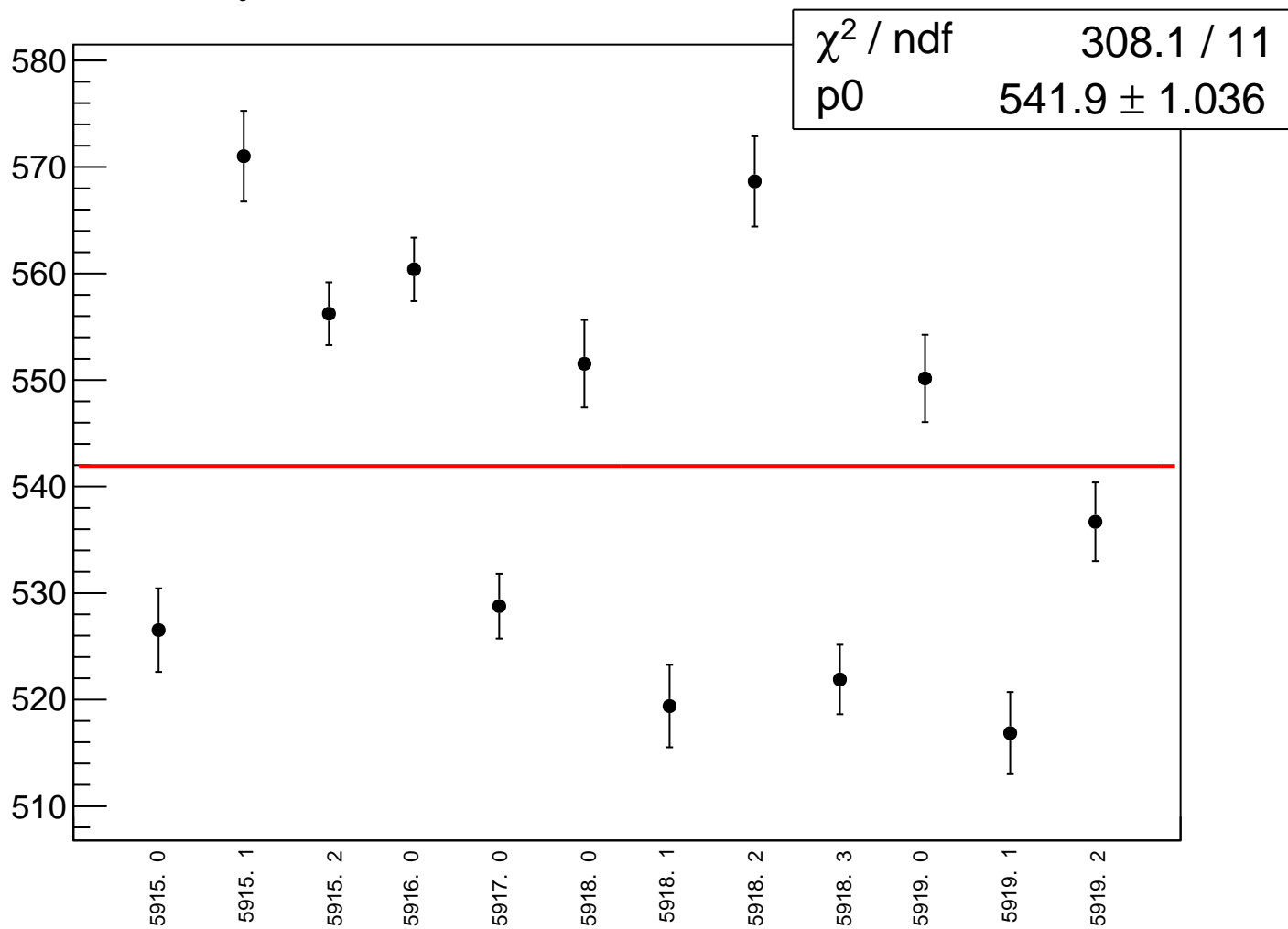




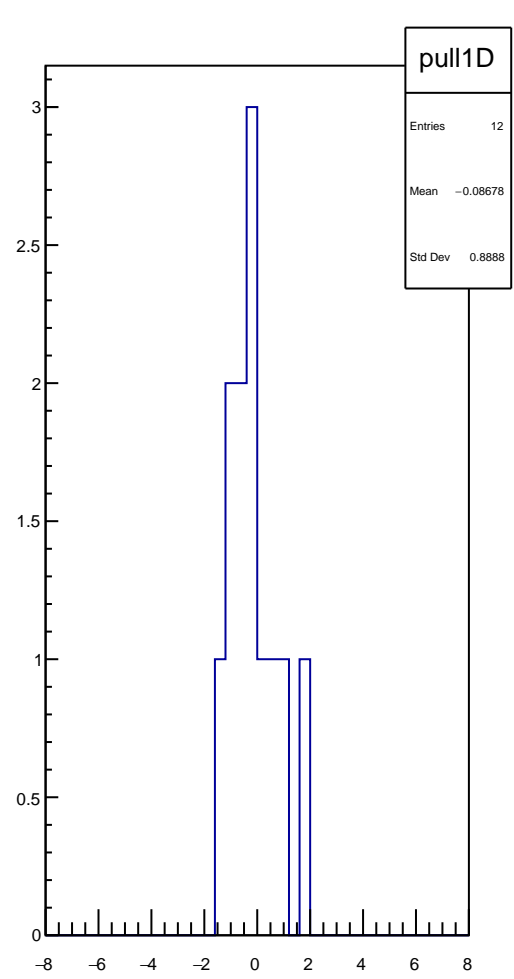
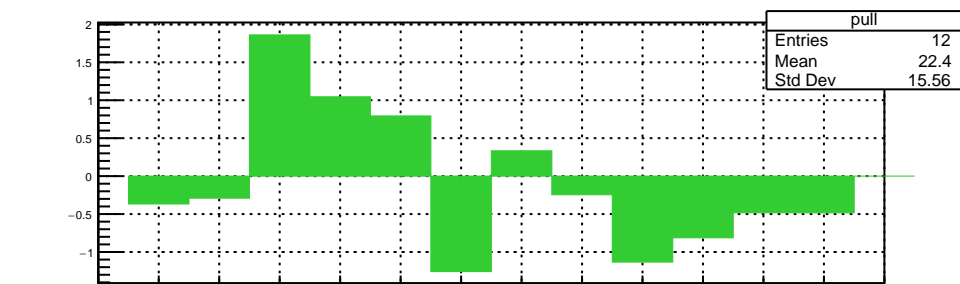
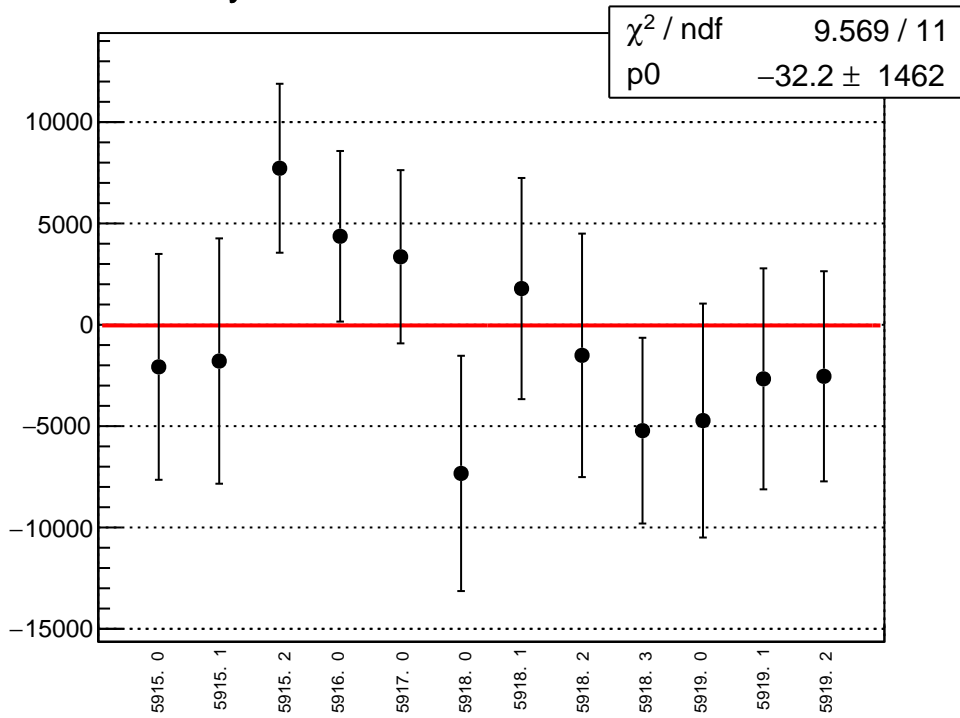
asym\_sam\_15\_37\_dd\_correction\_mean vs run



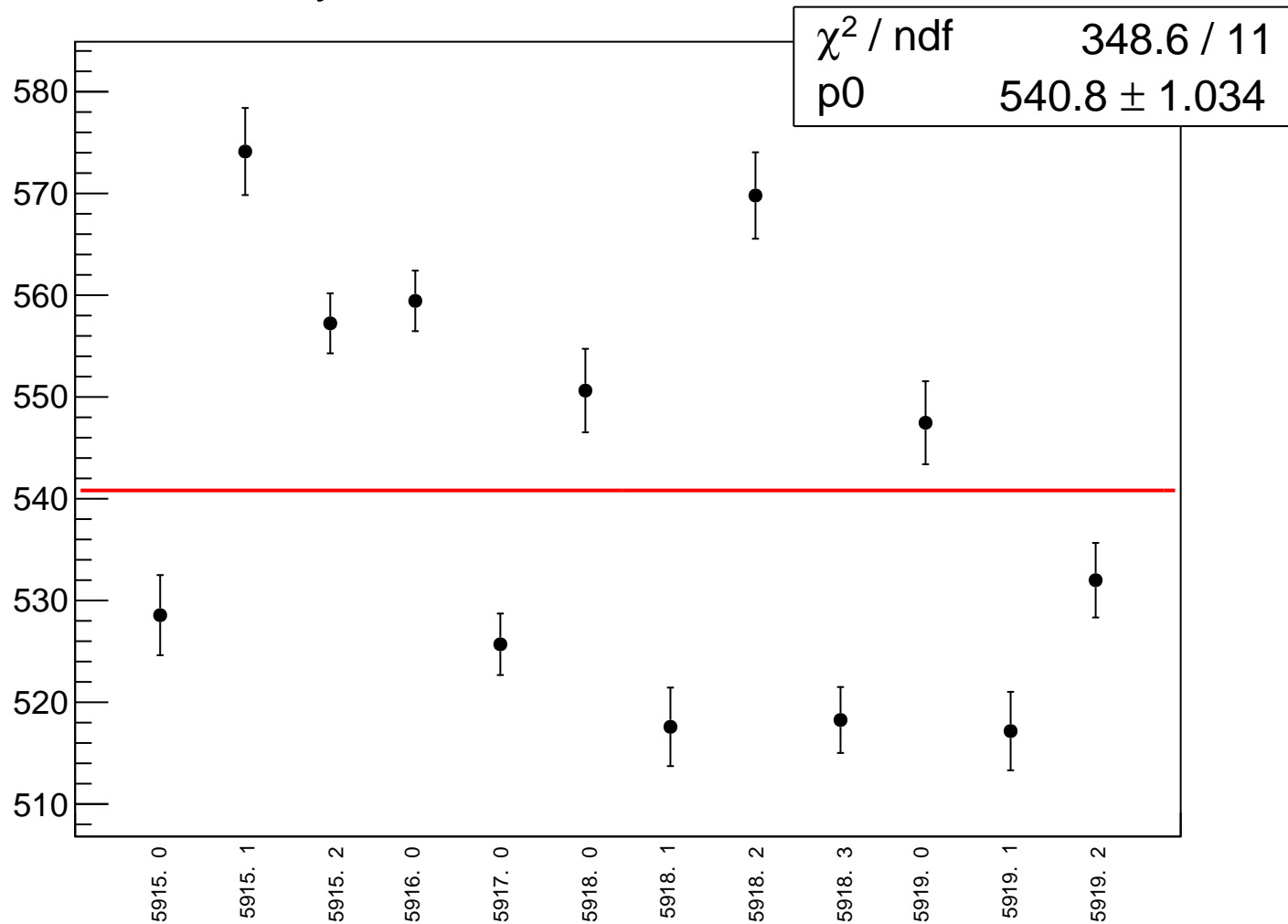
asym\_sam\_15\_37\_dd\_correction\_rms vs run



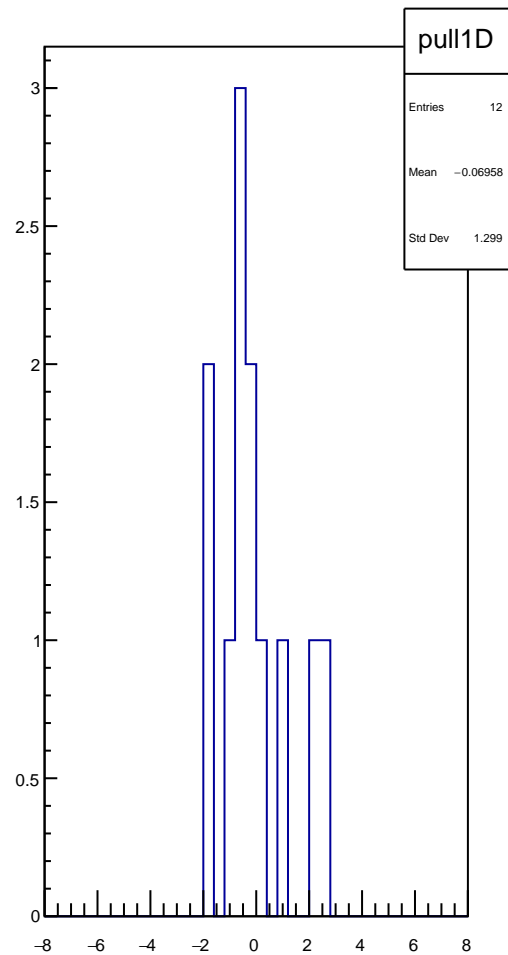
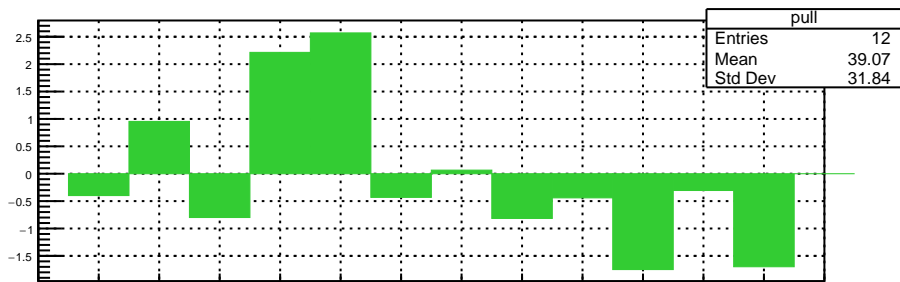
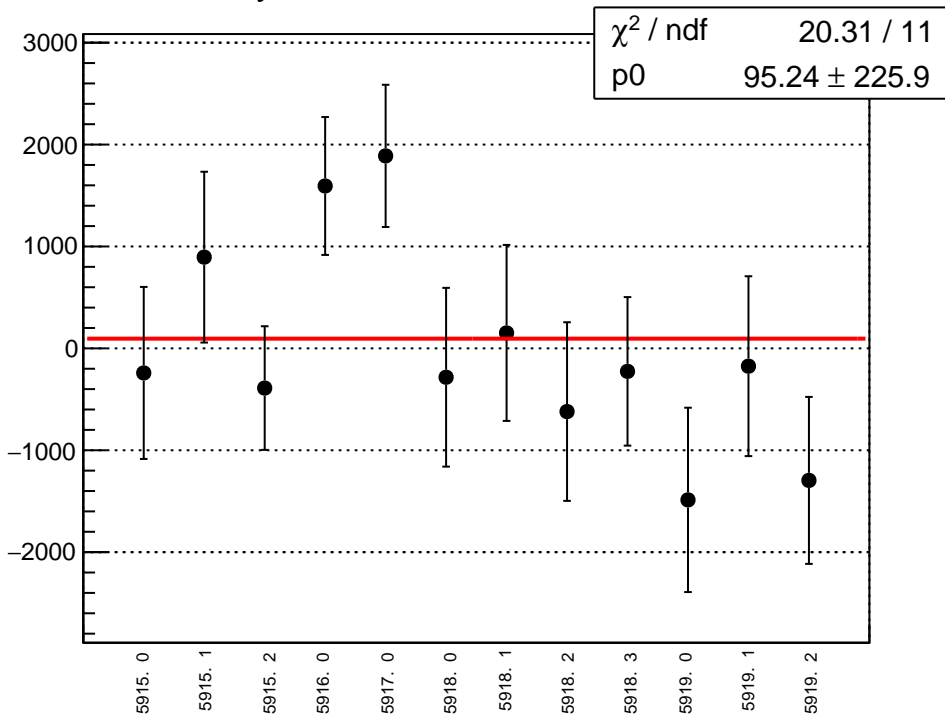
# asym\_sam\_15\_37\_dd\_mean vs run



# asym\_sam\_15\_37\_dd\_rms vs run



# dit\_asym\_sam\_24\_68\_dd\_mean vs run



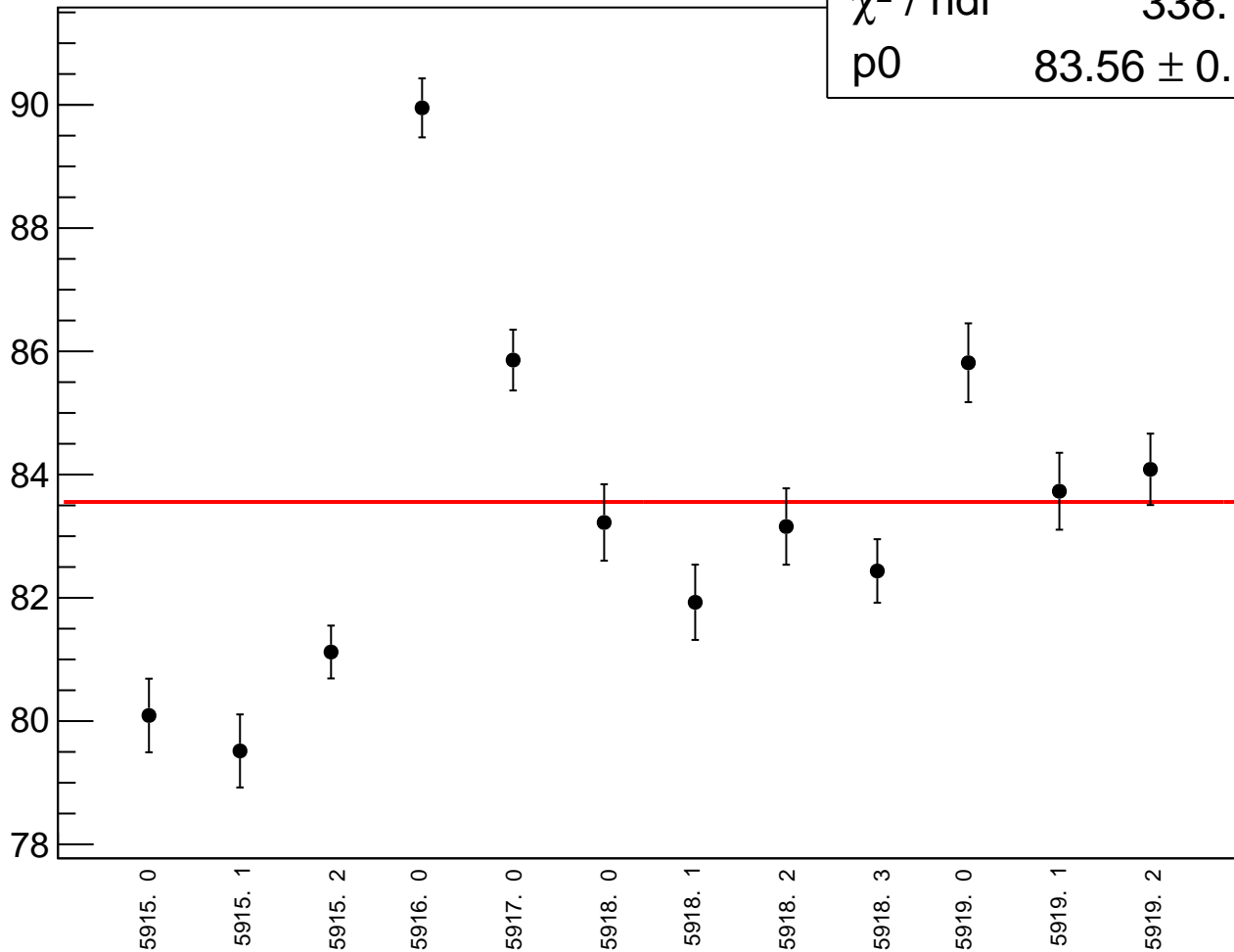
# dit\_asym\_sam\_24\_68\_dd\_rms vs run

$\chi^2 / \text{ndf}$

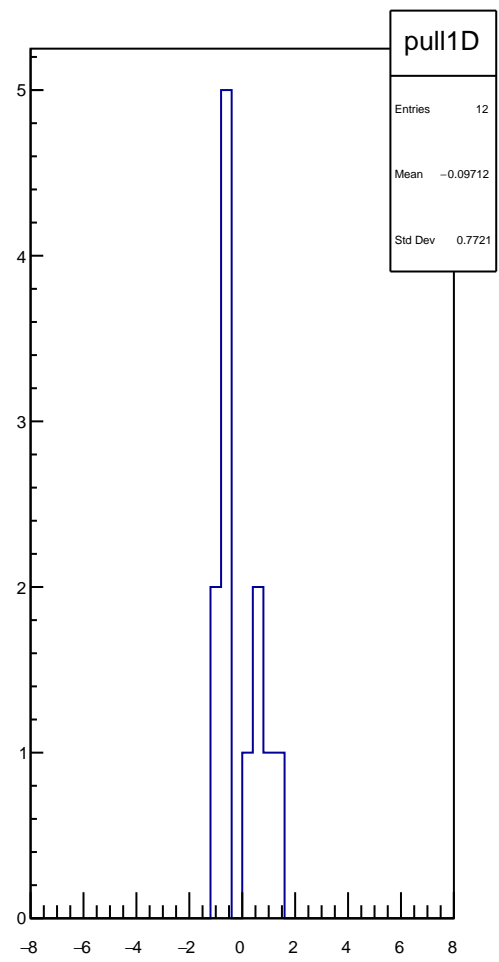
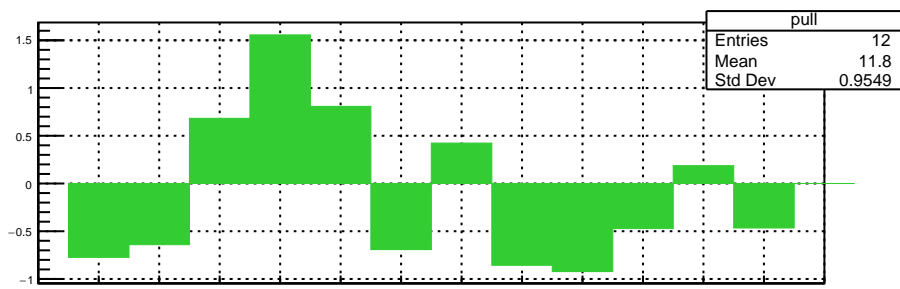
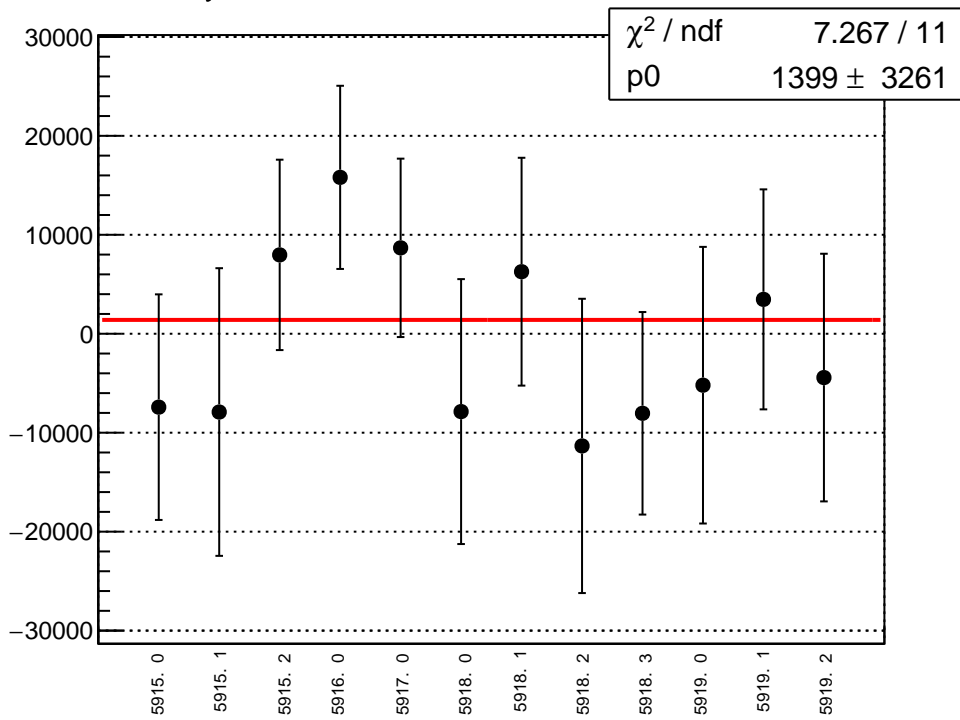
338.7 / 11

p0

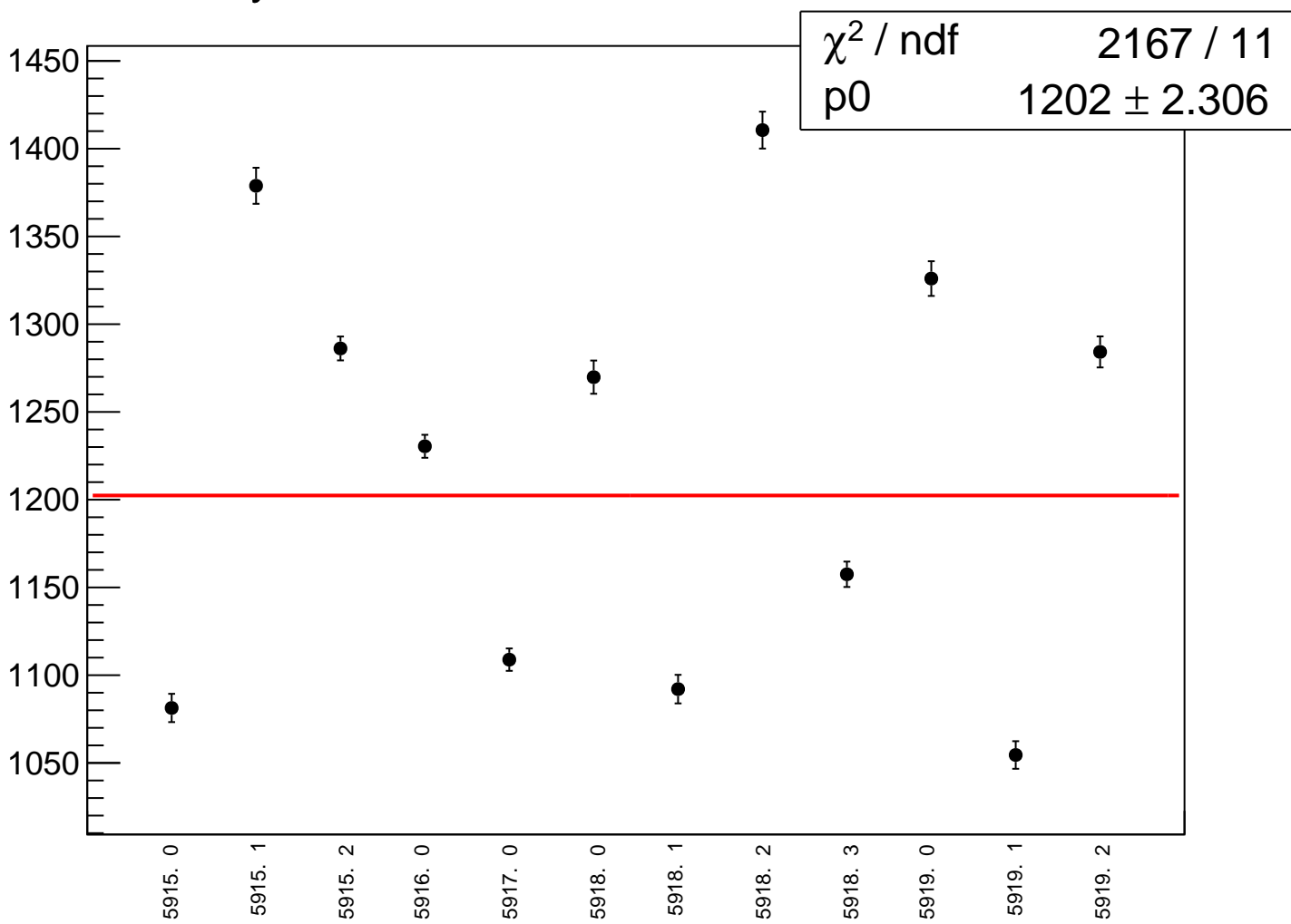
$83.56 \pm 0.1597$



asym\_sam\_24\_68\_dd\_correction\_mean vs run

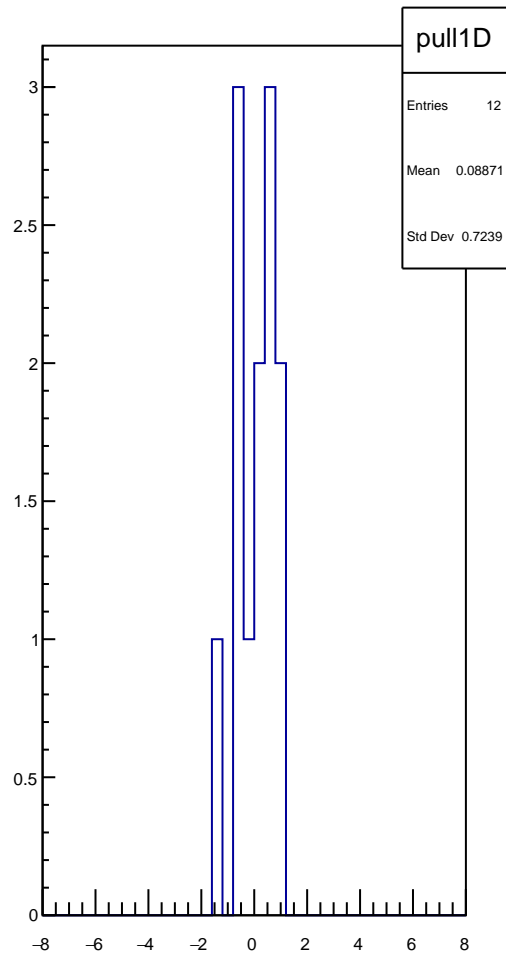
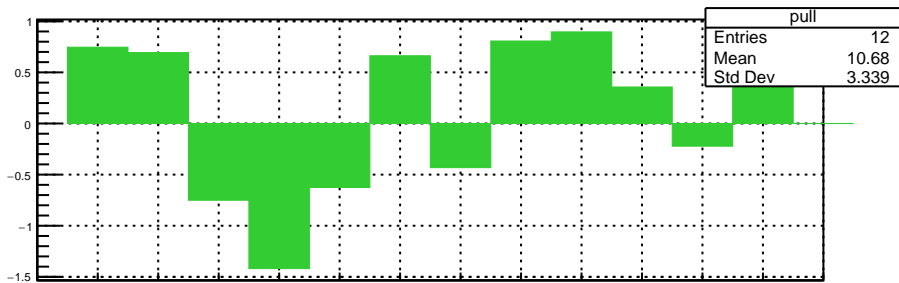
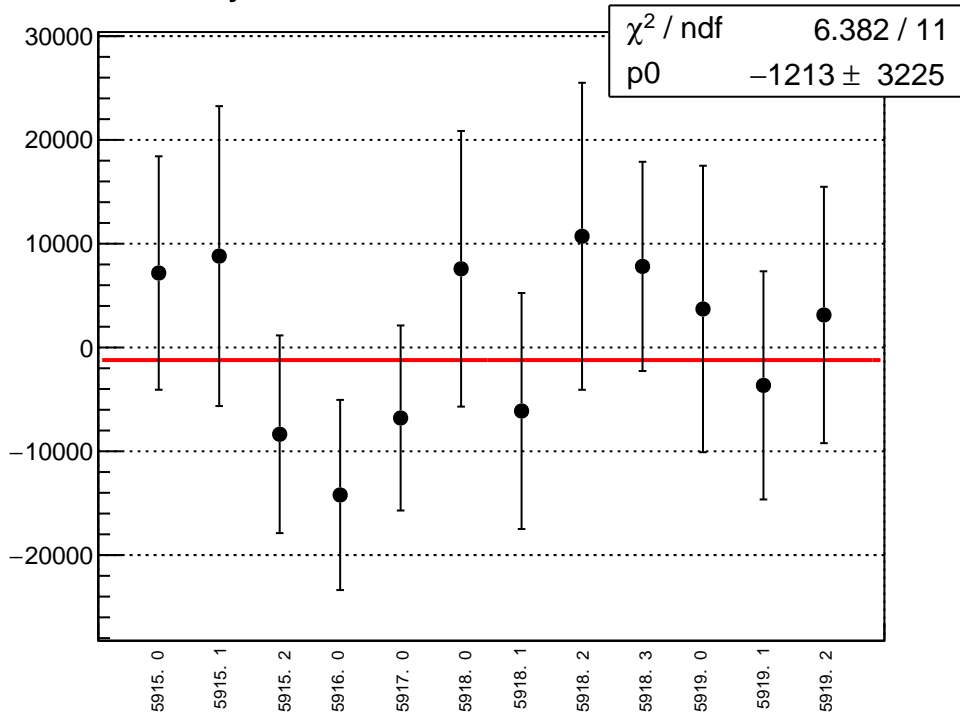


asym\_sam\_24\_68\_dd\_correction\_rms vs run

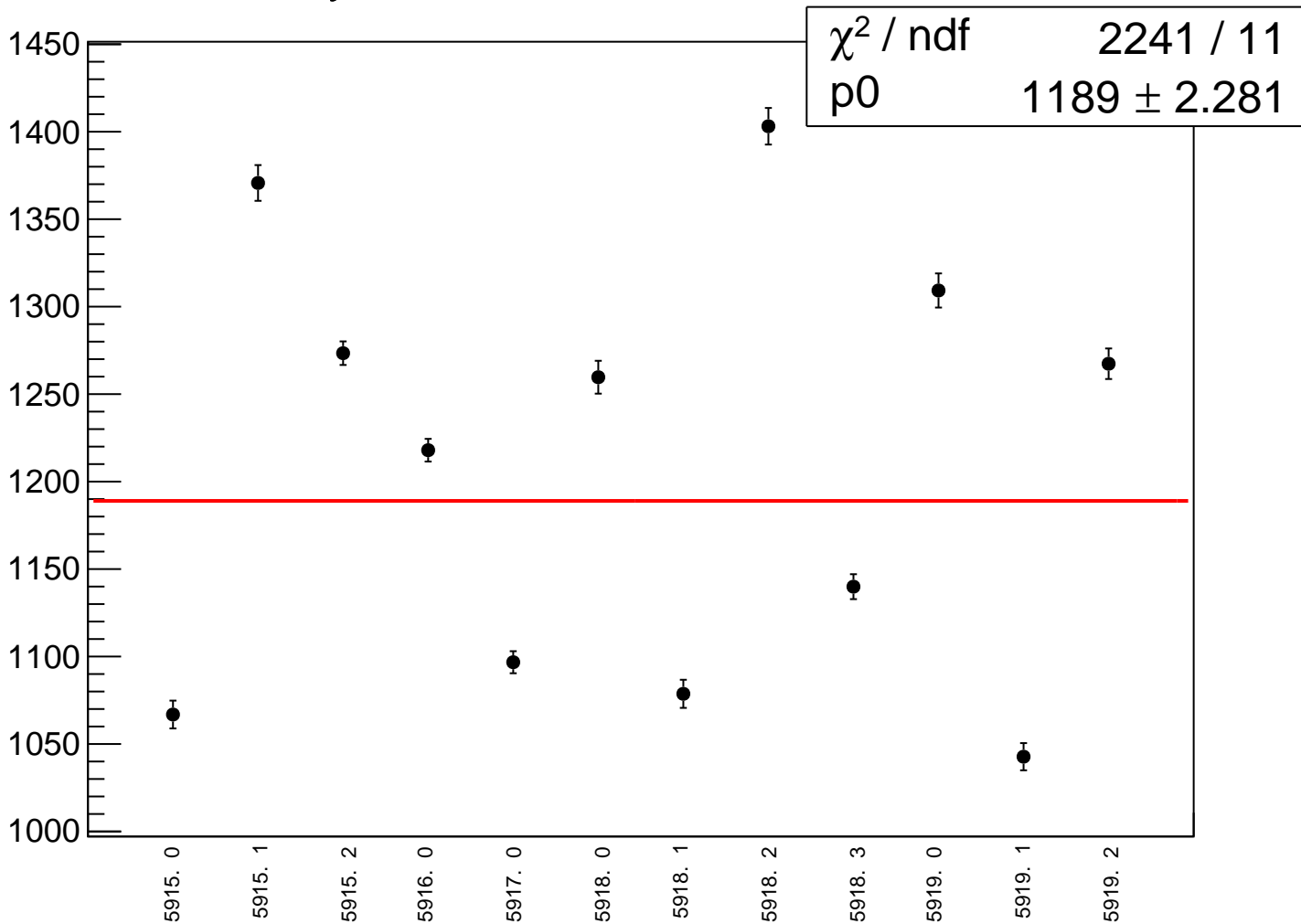




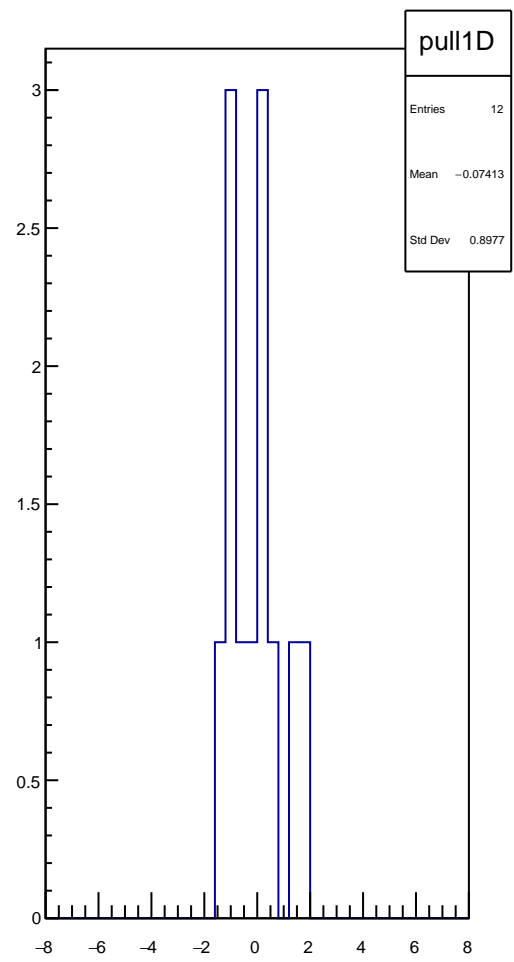
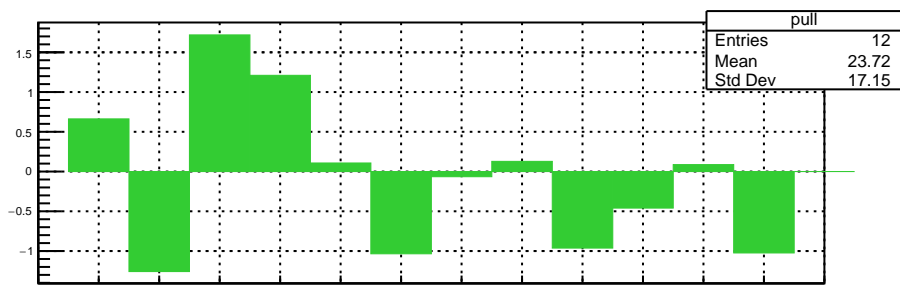
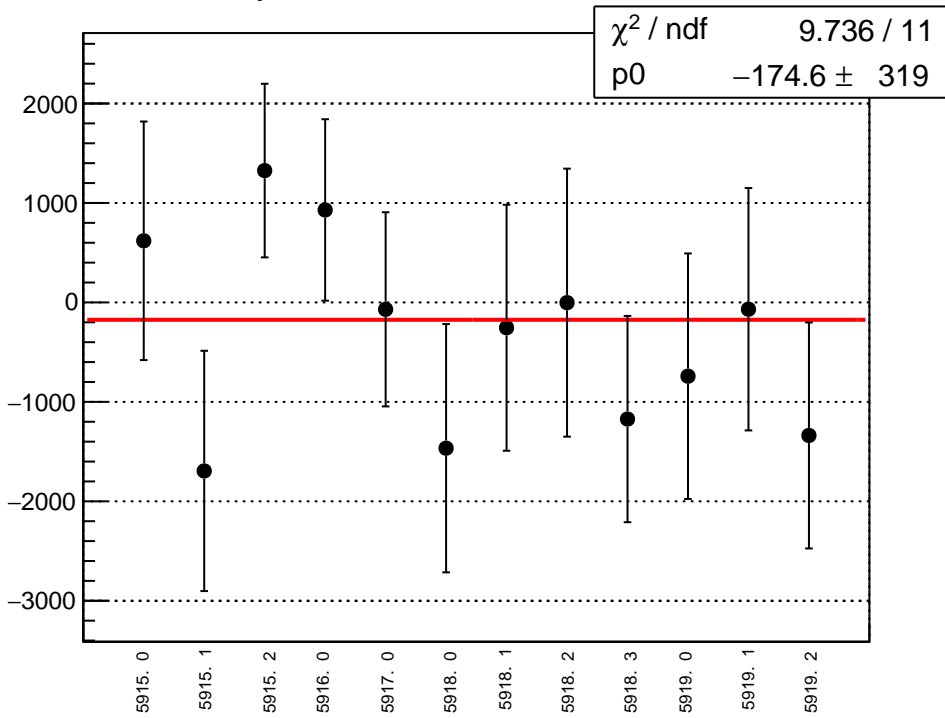
# asym\_sam\_24\_68\_dd\_mean vs run



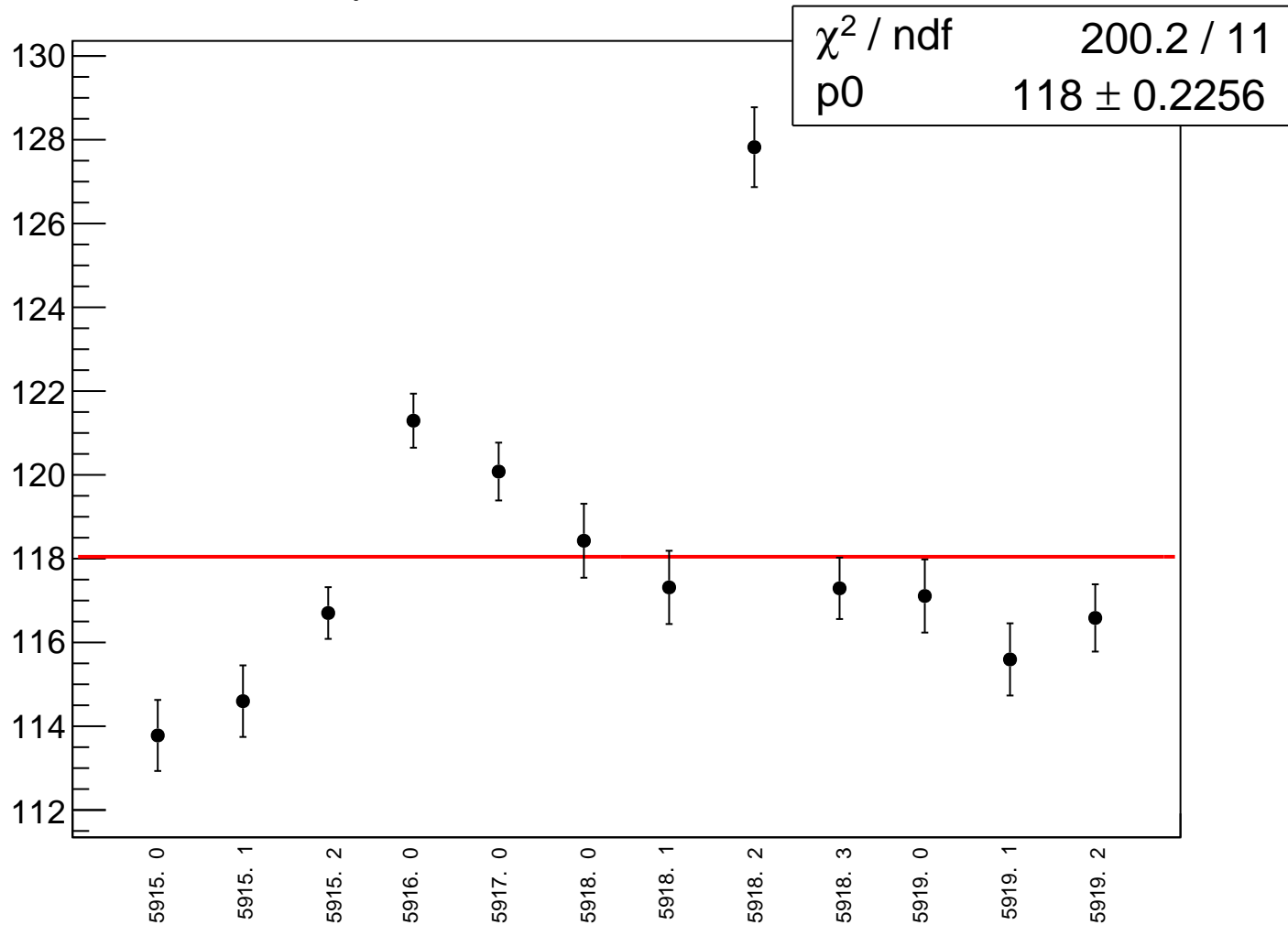
# asym\_sam\_24\_68\_dd\_rms vs run



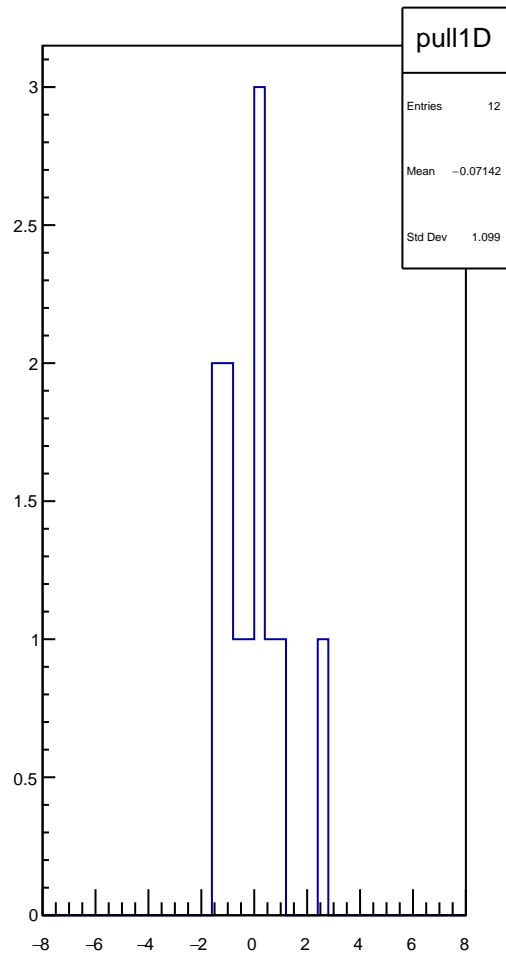
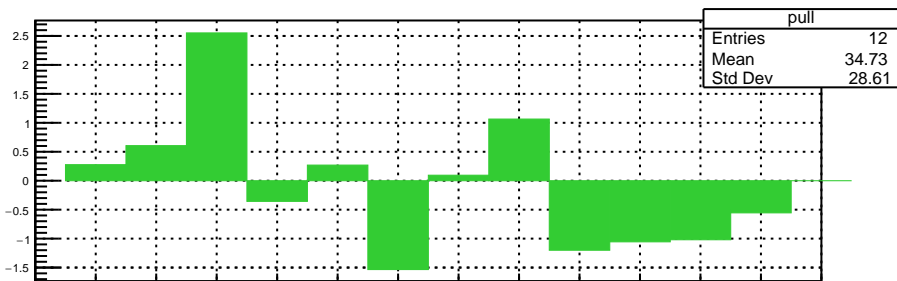
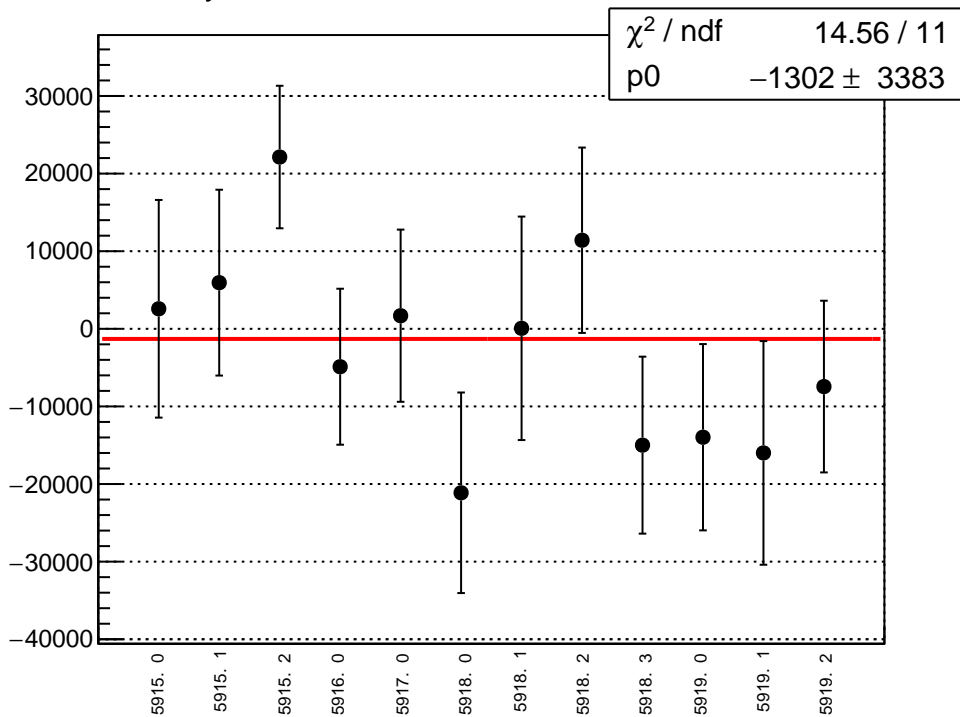
dit\_asym\_sam\_26\_48\_dd\_mean vs run



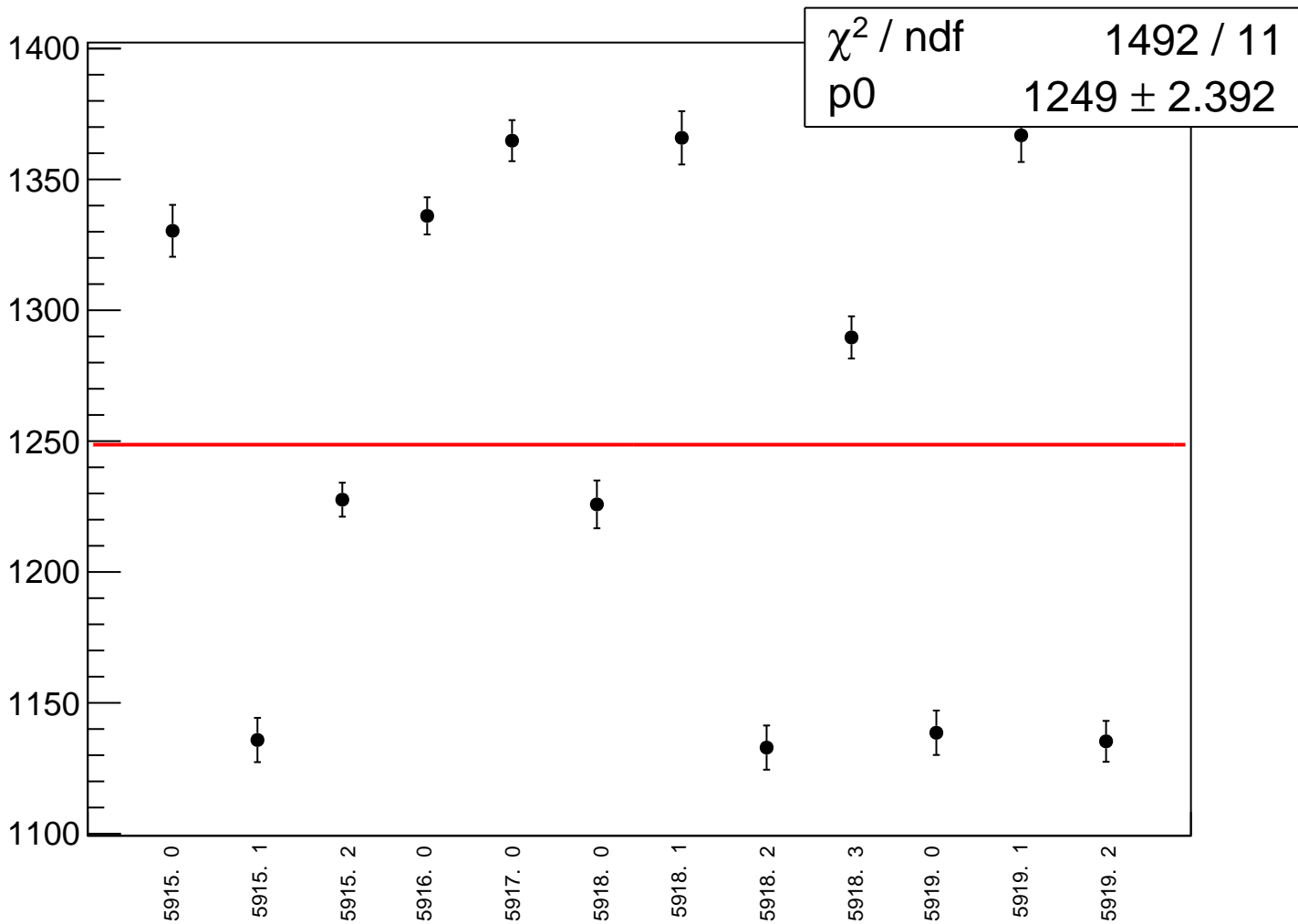
# dit\_asym\_sam\_26\_48\_dd\_rms vs run



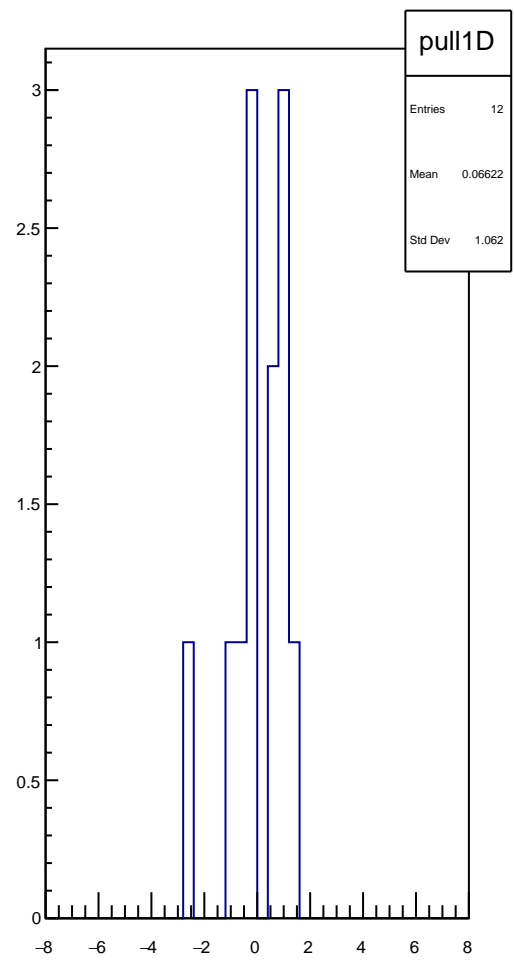
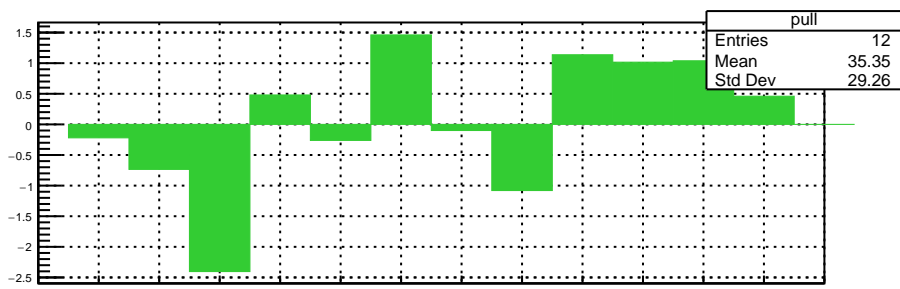
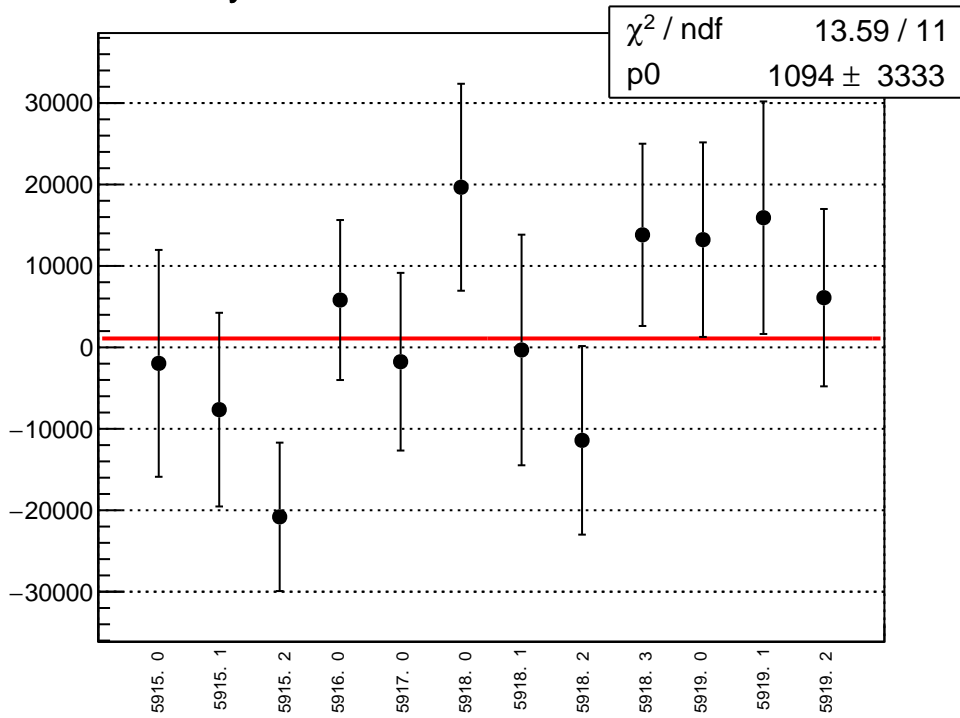
asym\_sam\_26\_48\_dd\_correction\_mean vs run



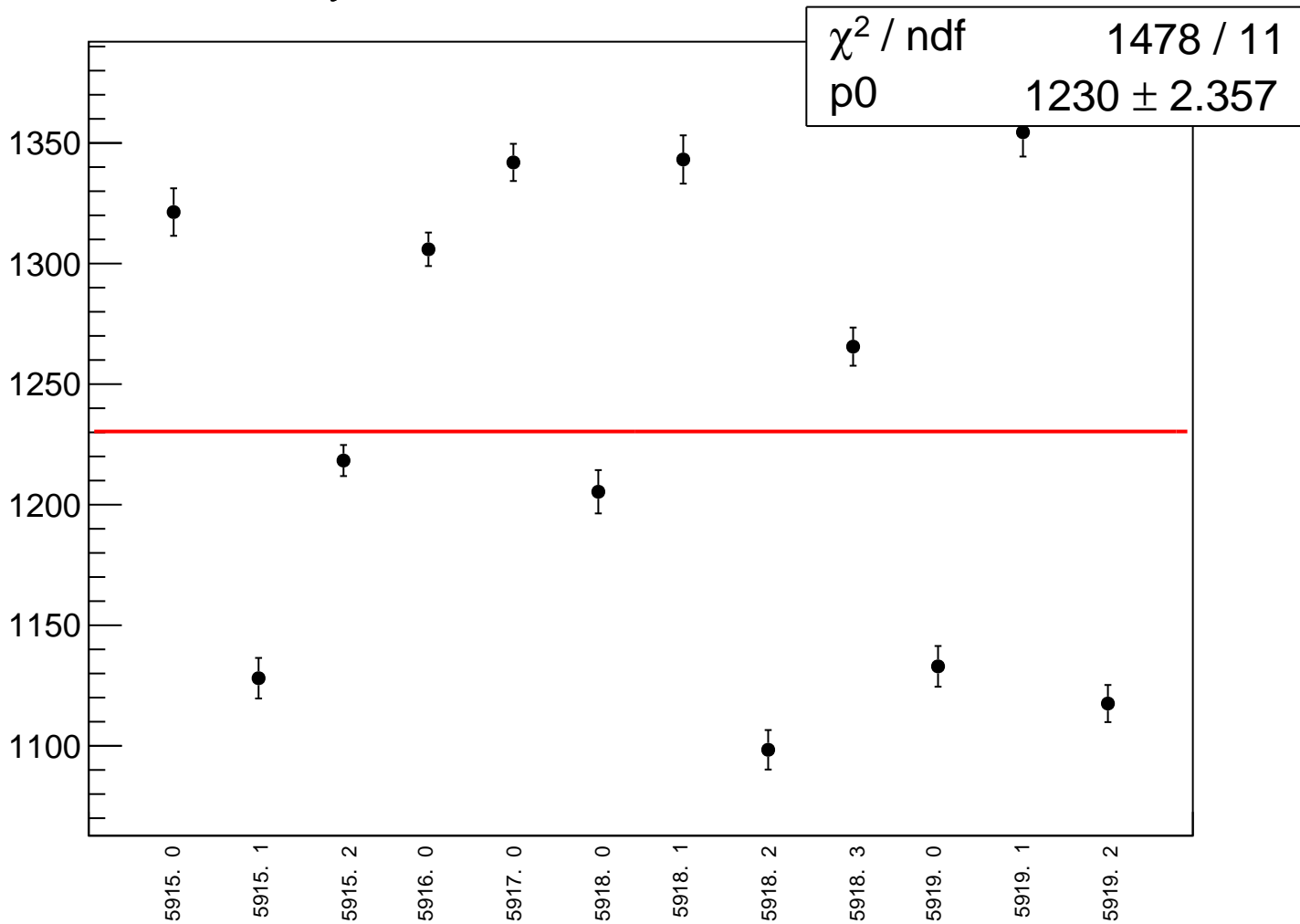
asym\_sam\_26\_48\_dd\_correction\_rms vs run



# asym\_sam\_26\_48\_dd\_mean vs run

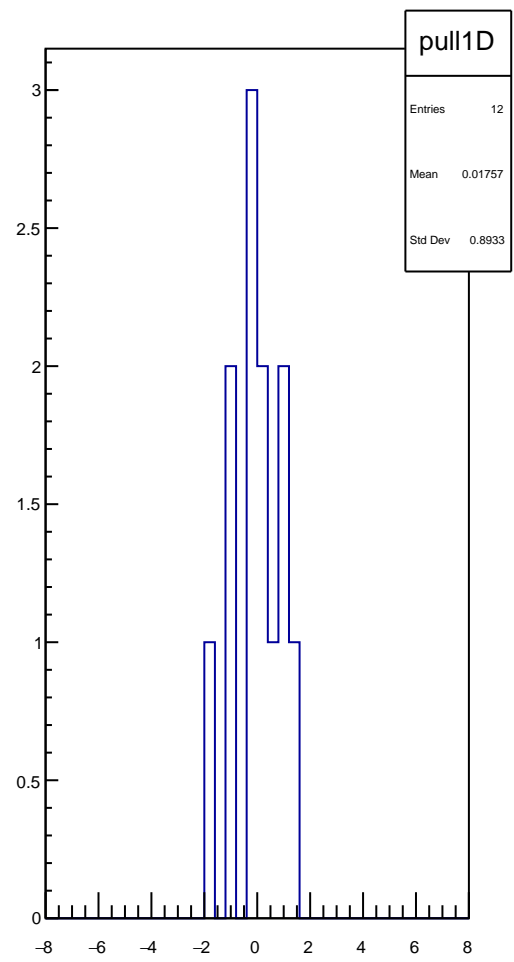
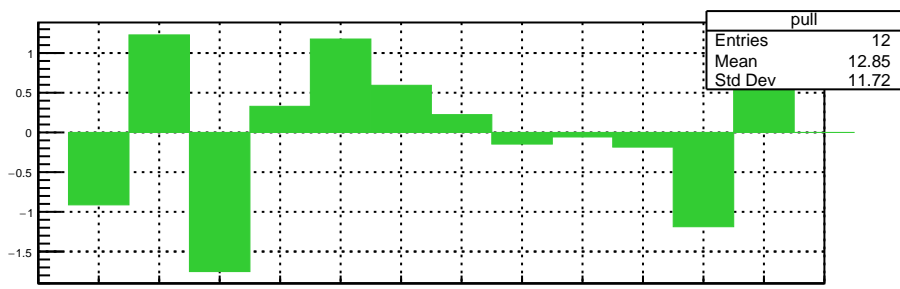
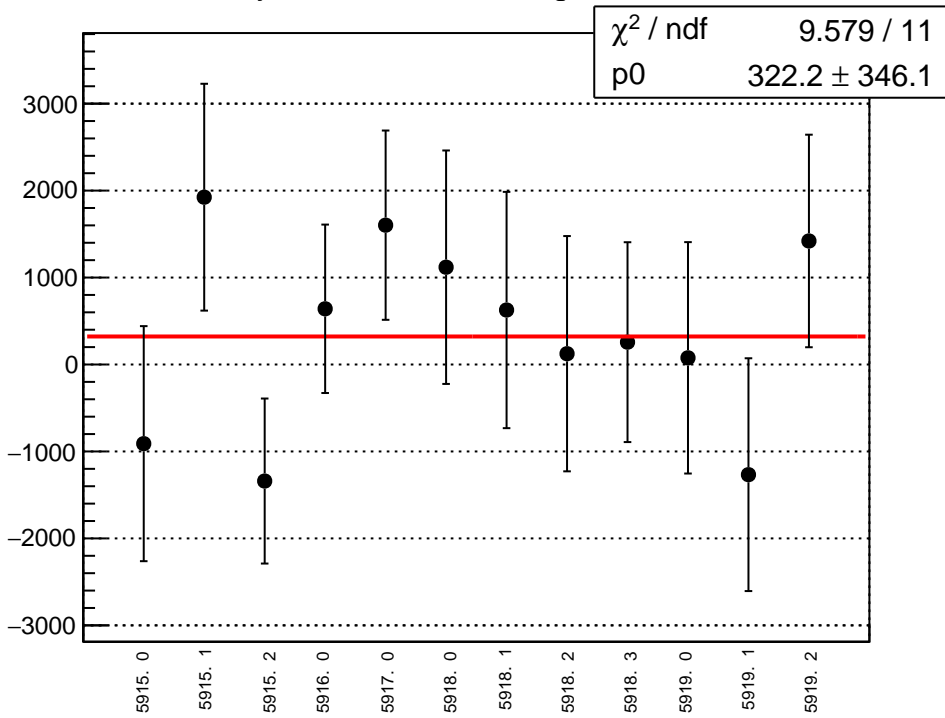


# asym\_sam\_26\_48\_dd\_rms vs run

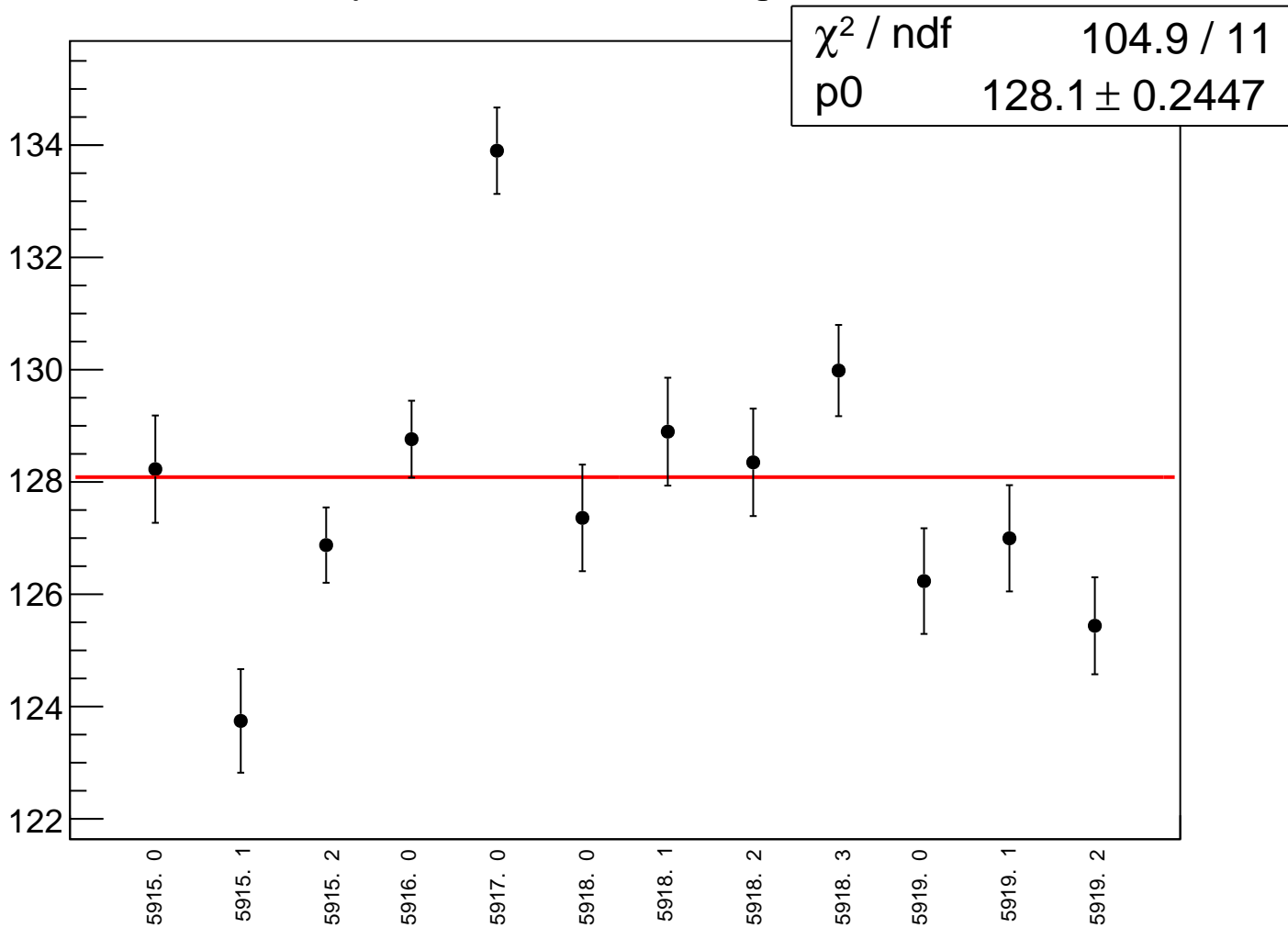




# dit\_asym\_sam\_1548\_avg\_mean vs run



# dit\_asym\_sam\_1548\_avg\_rms vs run



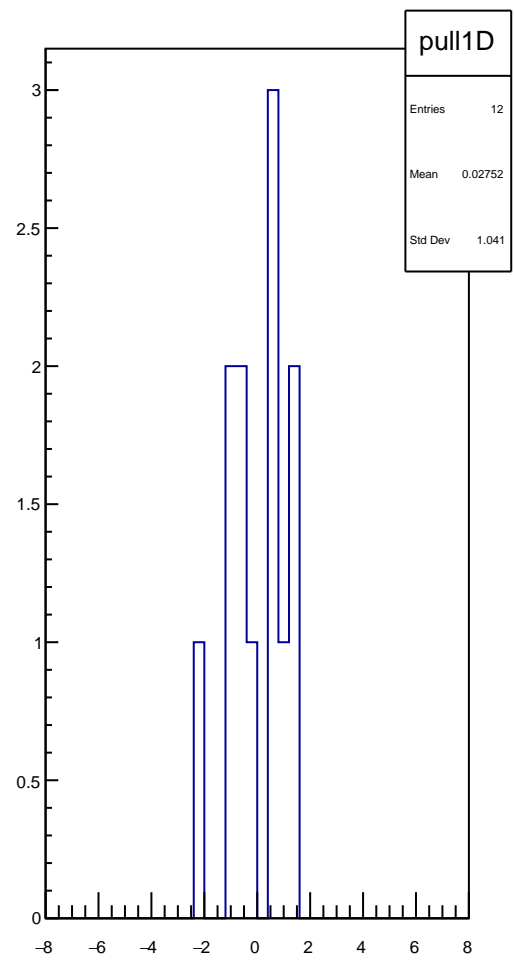
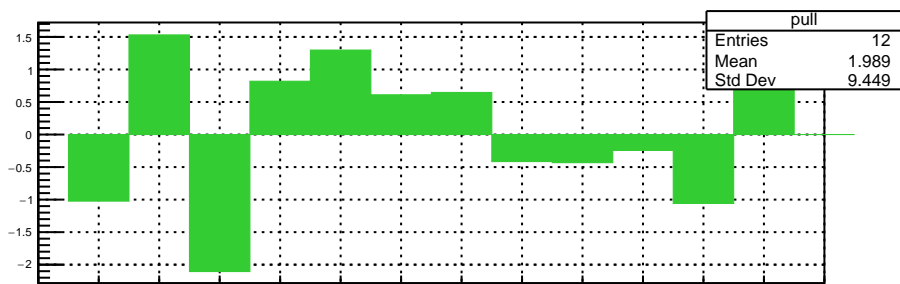
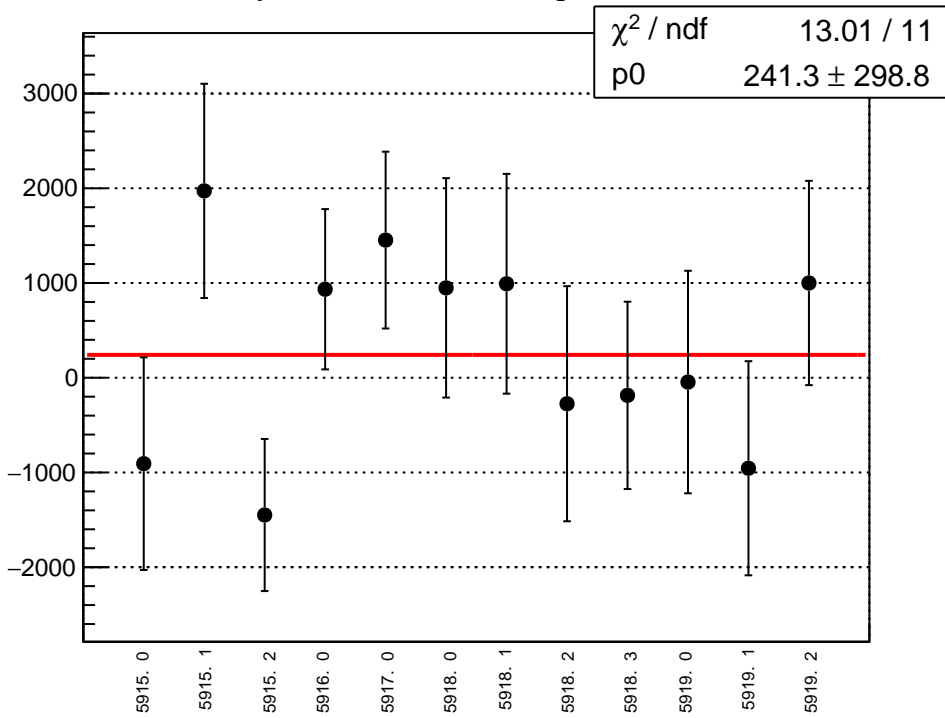




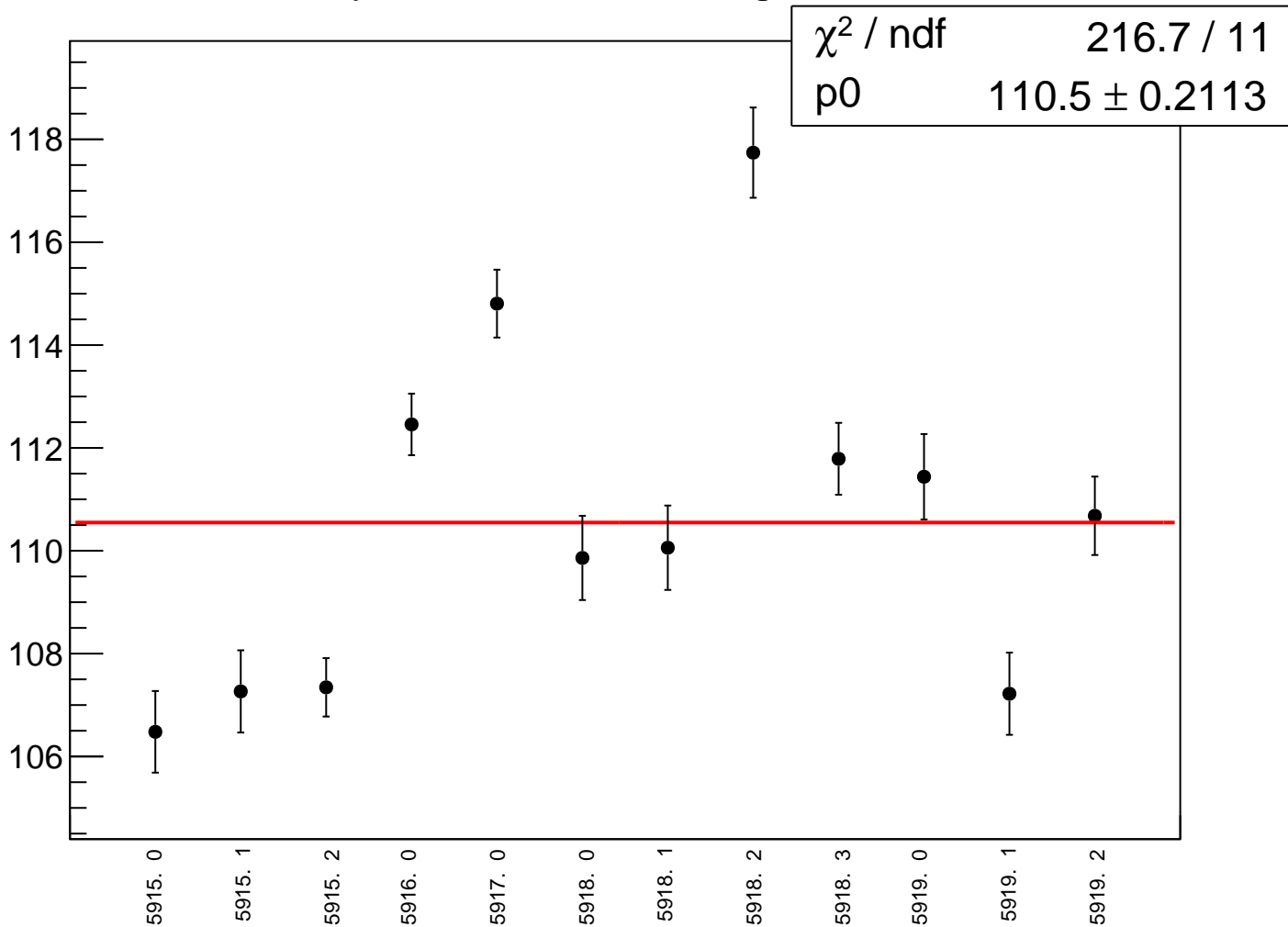




dit\_asym\_sam\_3748\_avg\_mean vs run



# dit\_asym\_sam\_3748\_avg\_rms vs run





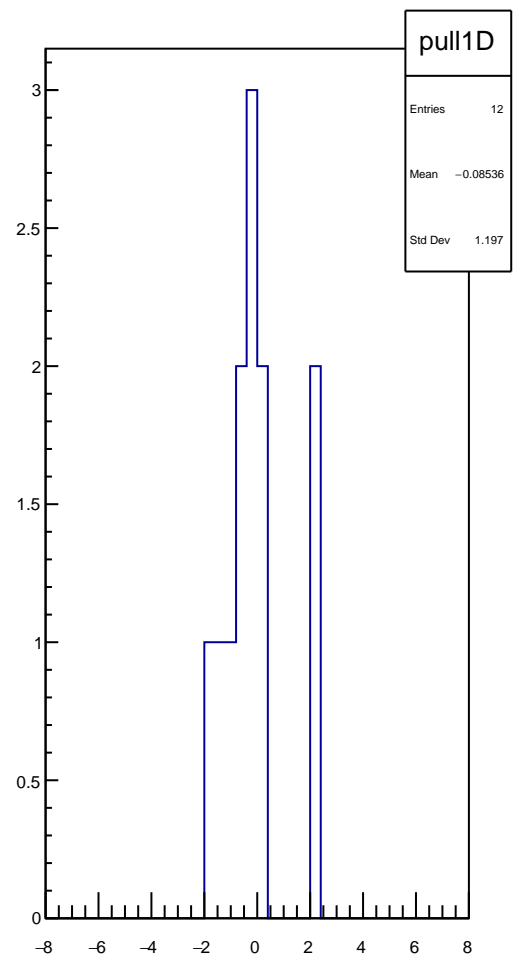
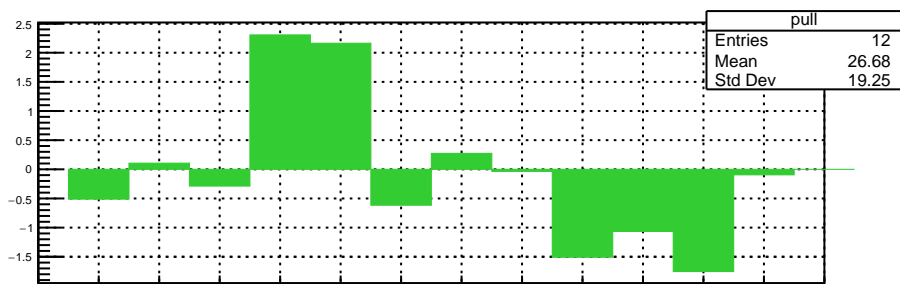
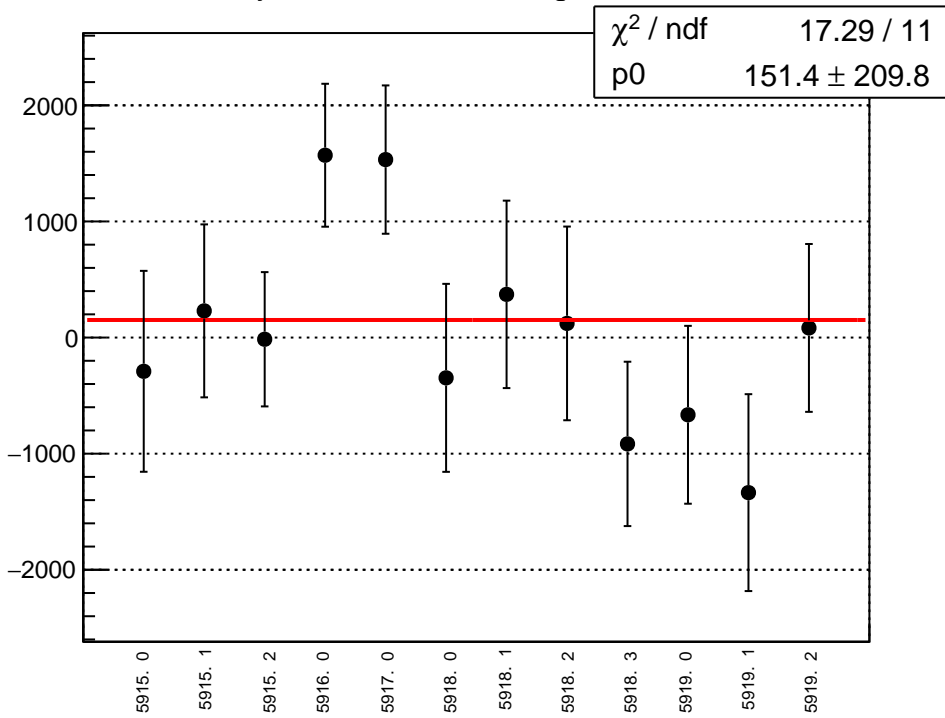








# dit\_asym\_sam\_1526\_avg\_mean vs run



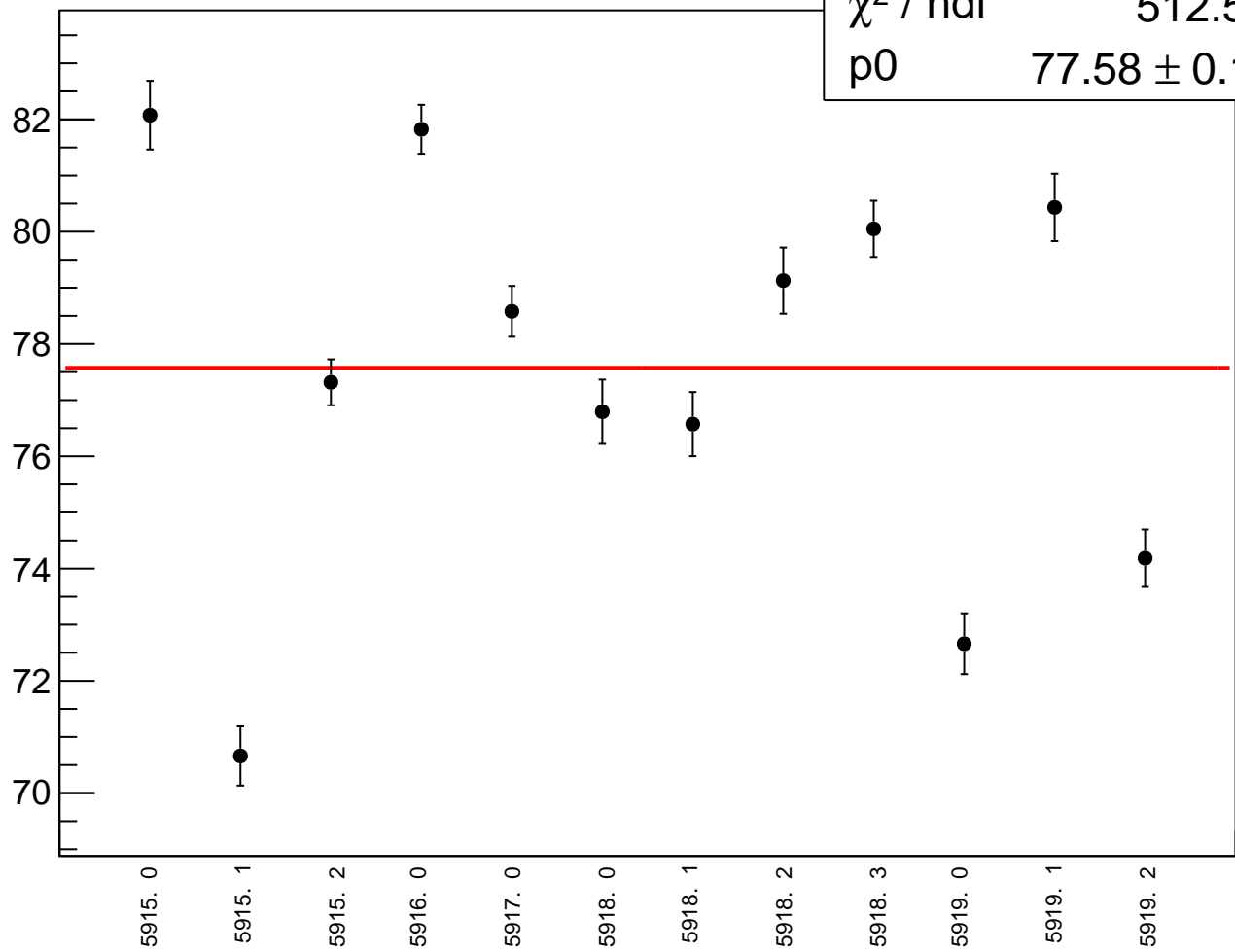
# dit\_asym\_sam\_1526\_avg\_rms vs run

$\chi^2 / \text{ndf}$

512.5 / 11

p0

$77.58 \pm 0.1483$





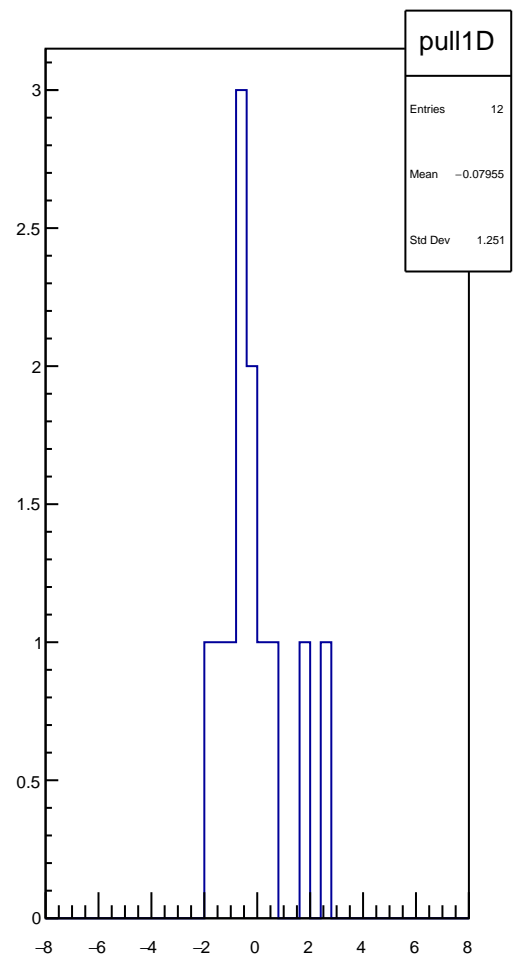
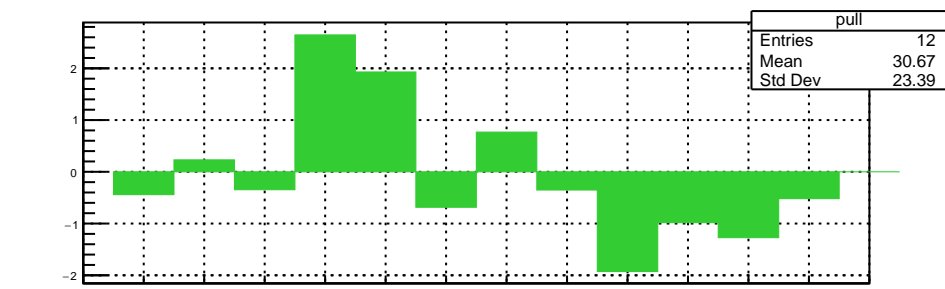
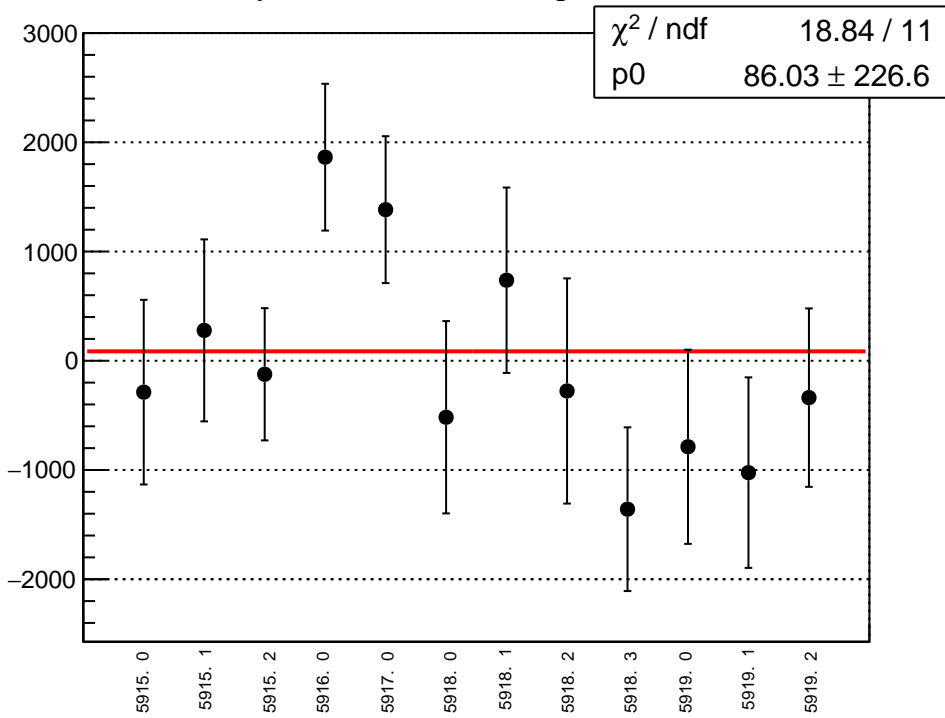




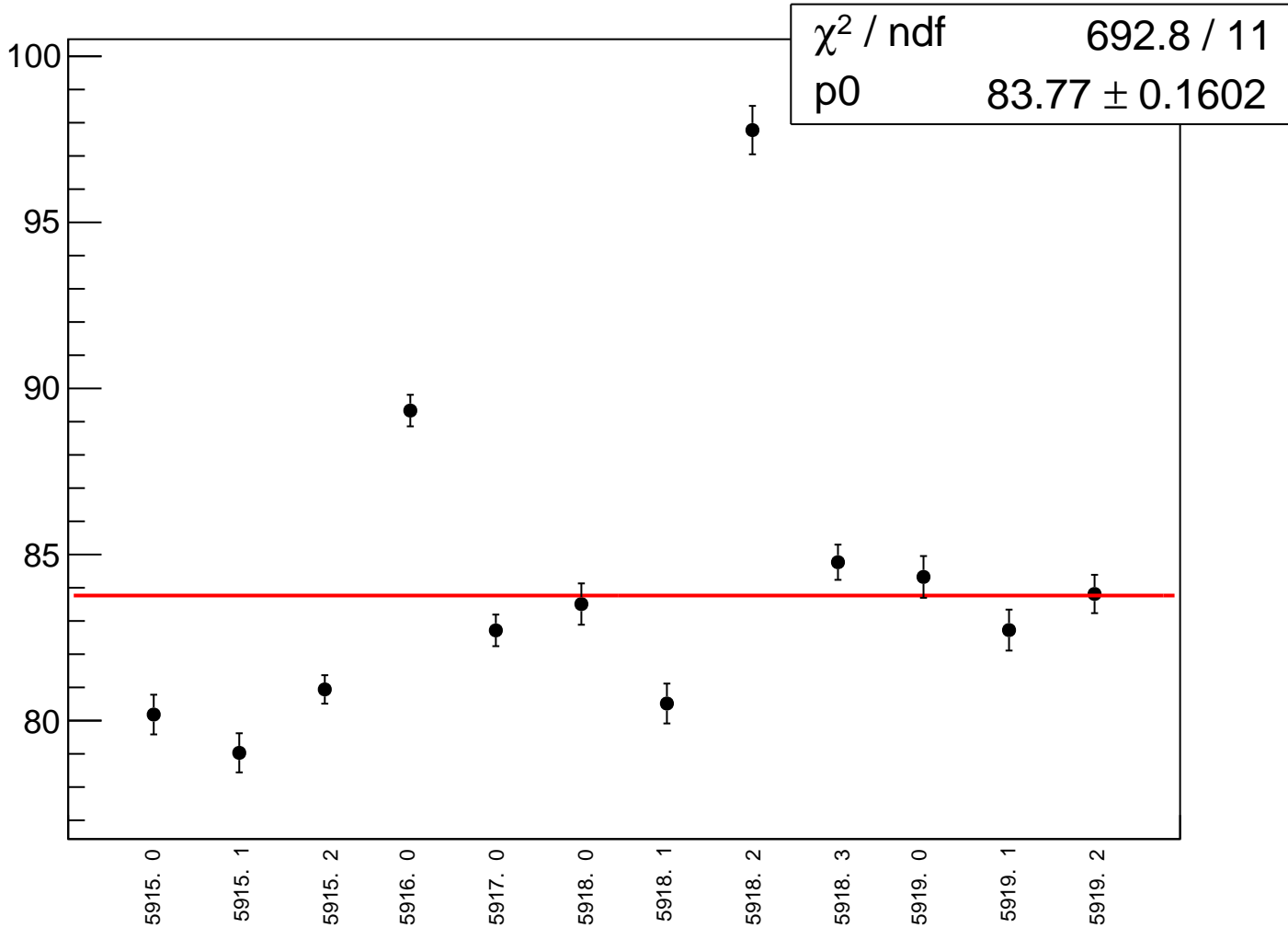




dit\_asym\_sam\_3726\_avg\_mean vs run



# dit\_asym\_sam\_3726\_avg\_rms vs run





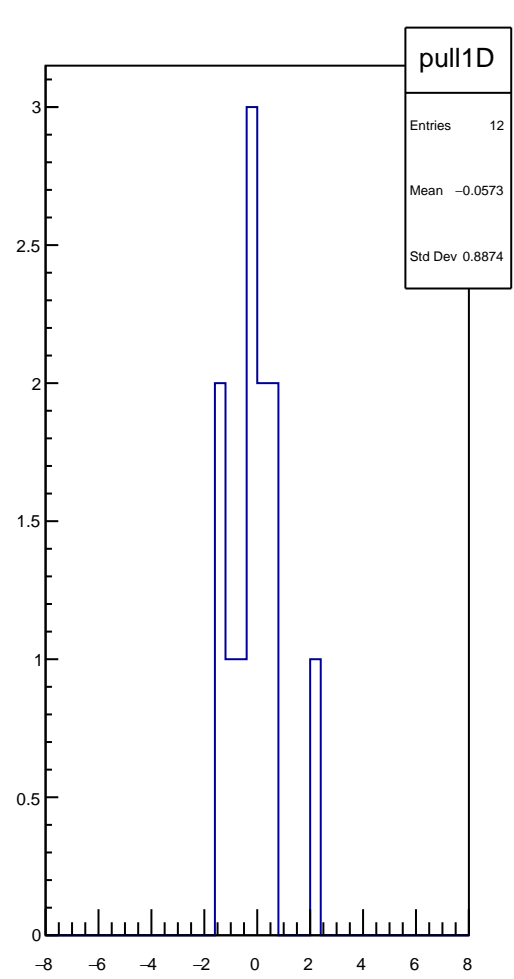
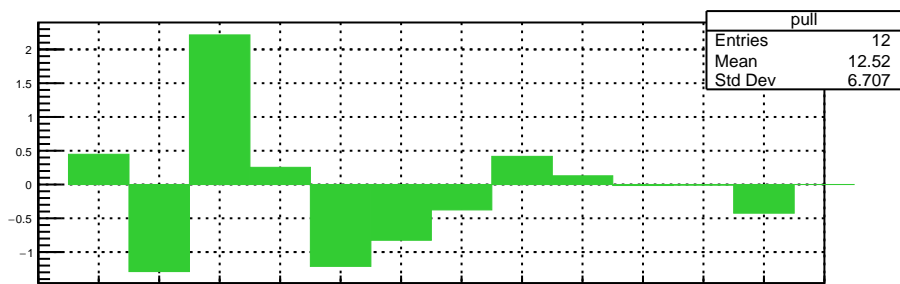
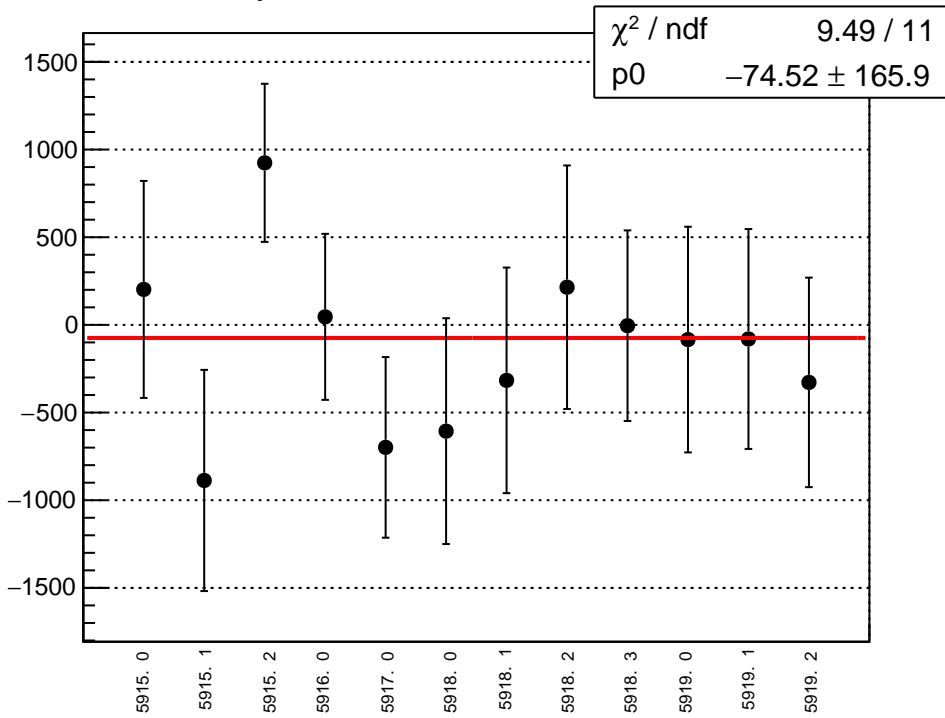




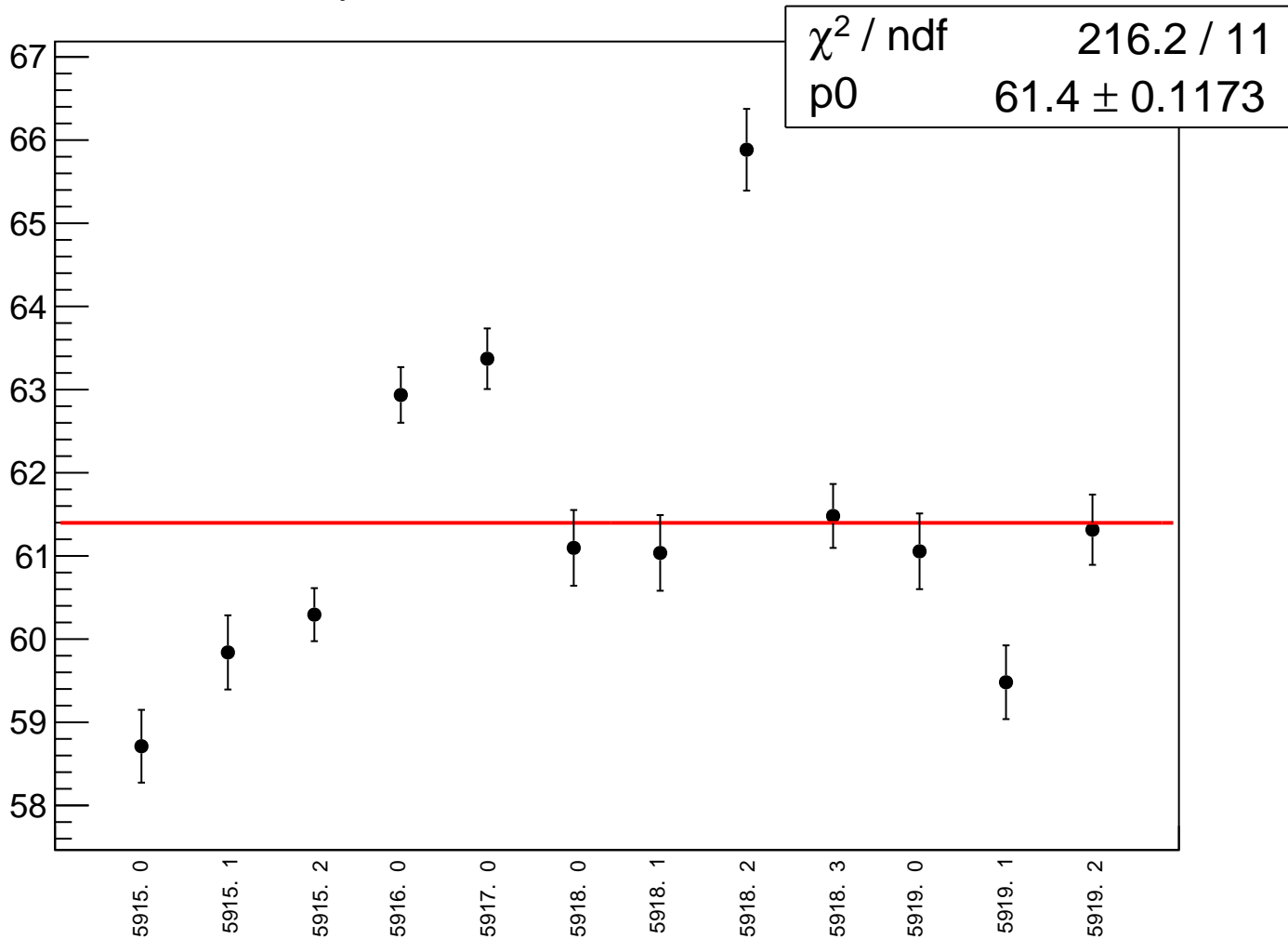




dit\_asym\_sam\_15\_48\_dd\_mean vs run



# dit\_asym\_sam\_15\_48\_dd\_rms vs run



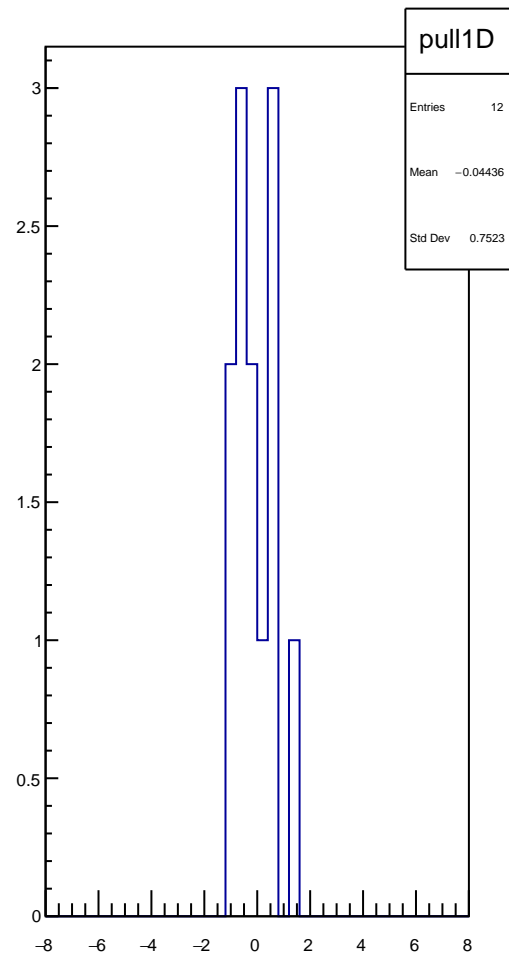
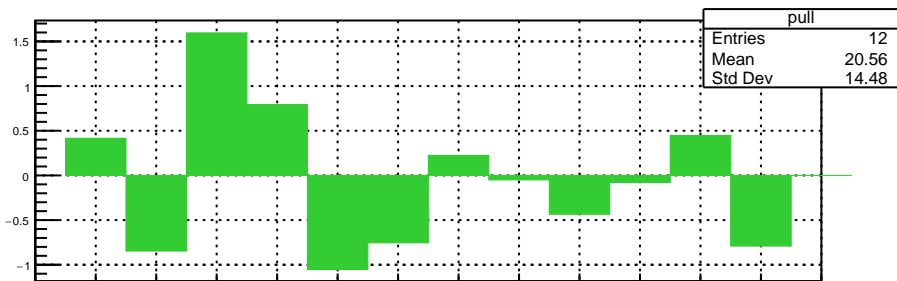
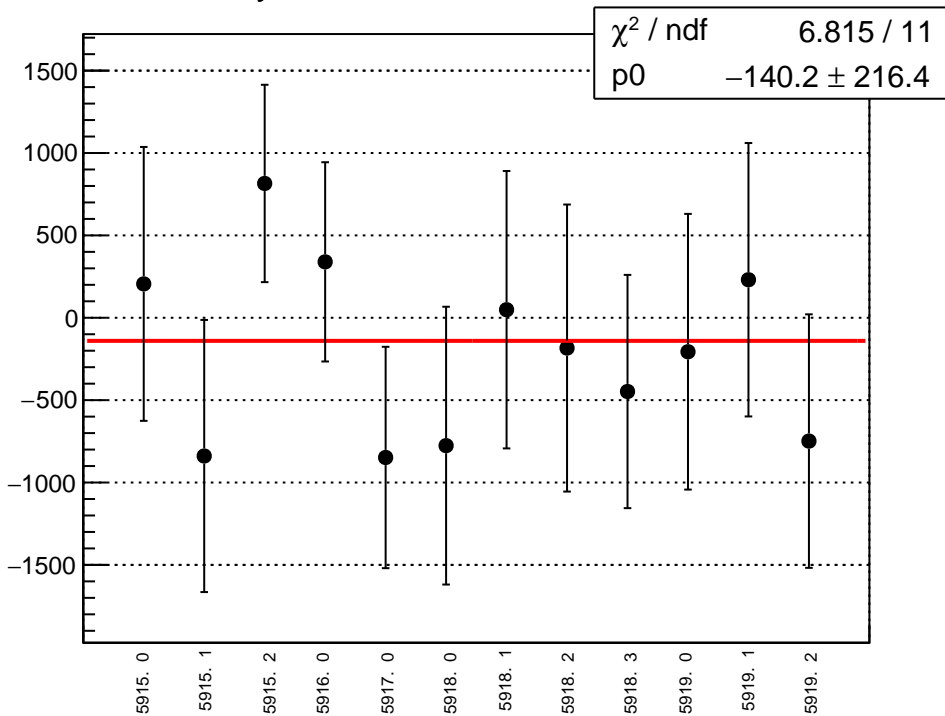






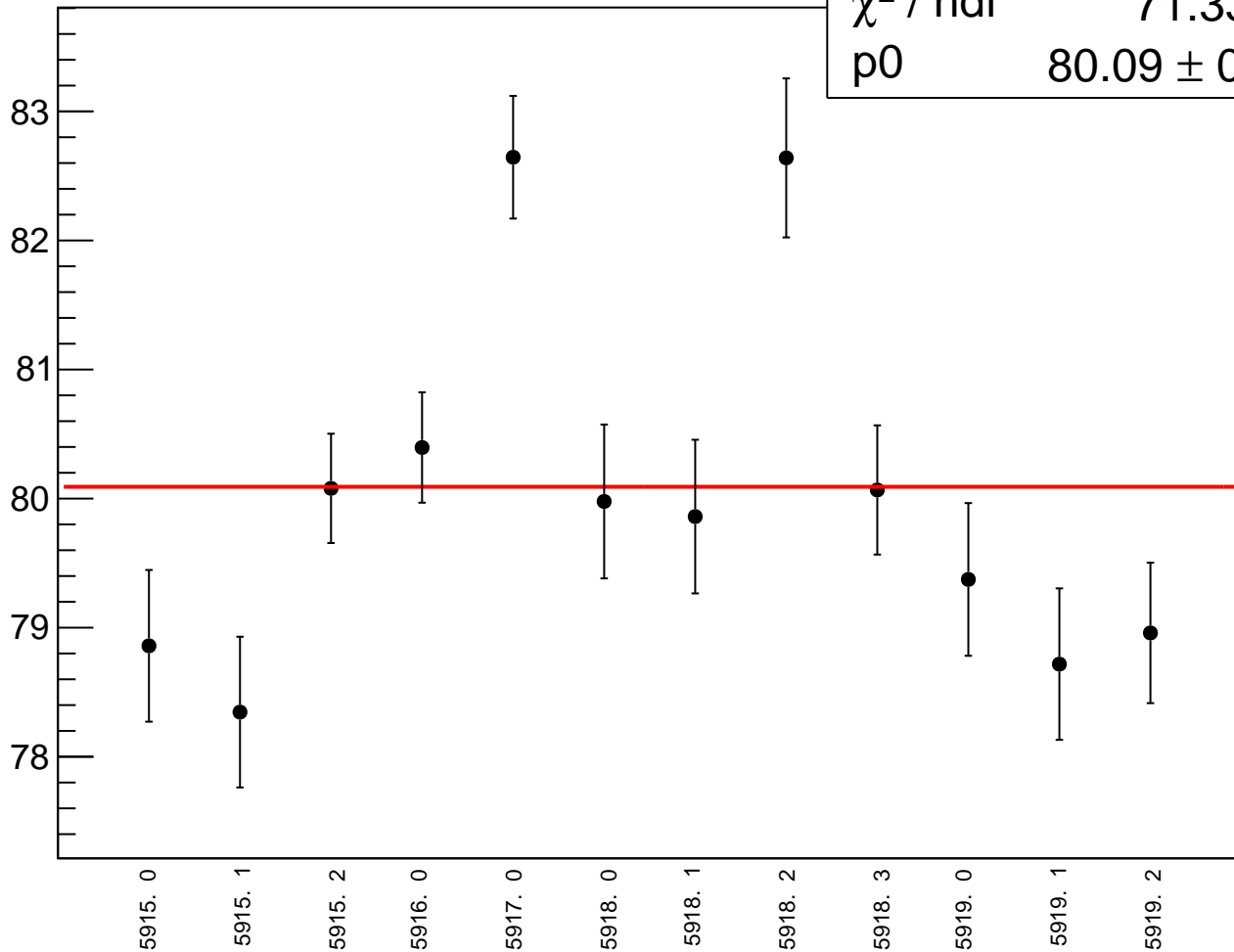


dit\_asym\_sam\_37\_48\_dd\_mean vs run



# dit\_asym\_sam\_37\_48\_dd\_rms vs run

$\chi^2 / \text{ndf}$  71.33 / 11  
p0  $80.09 \pm 0.153$





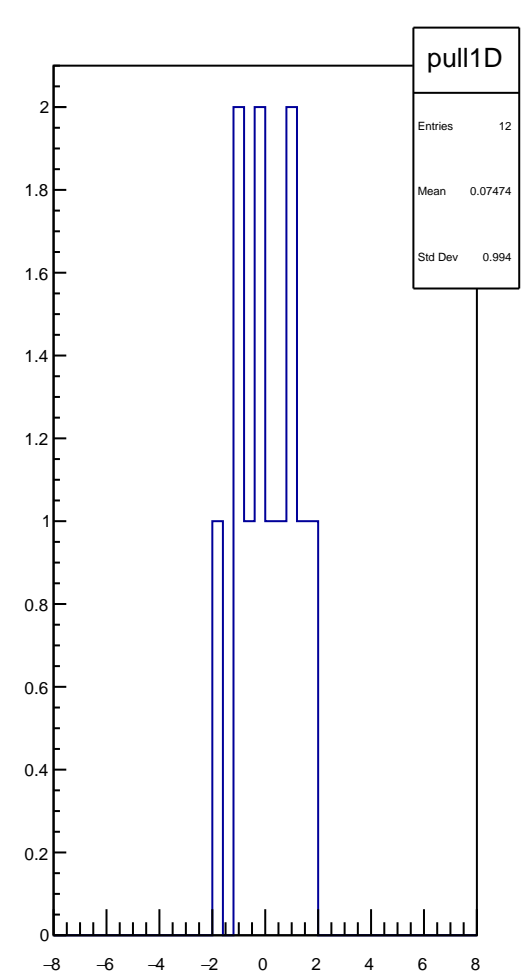
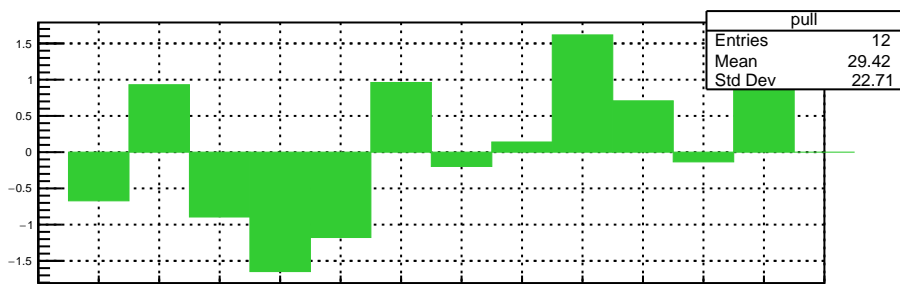
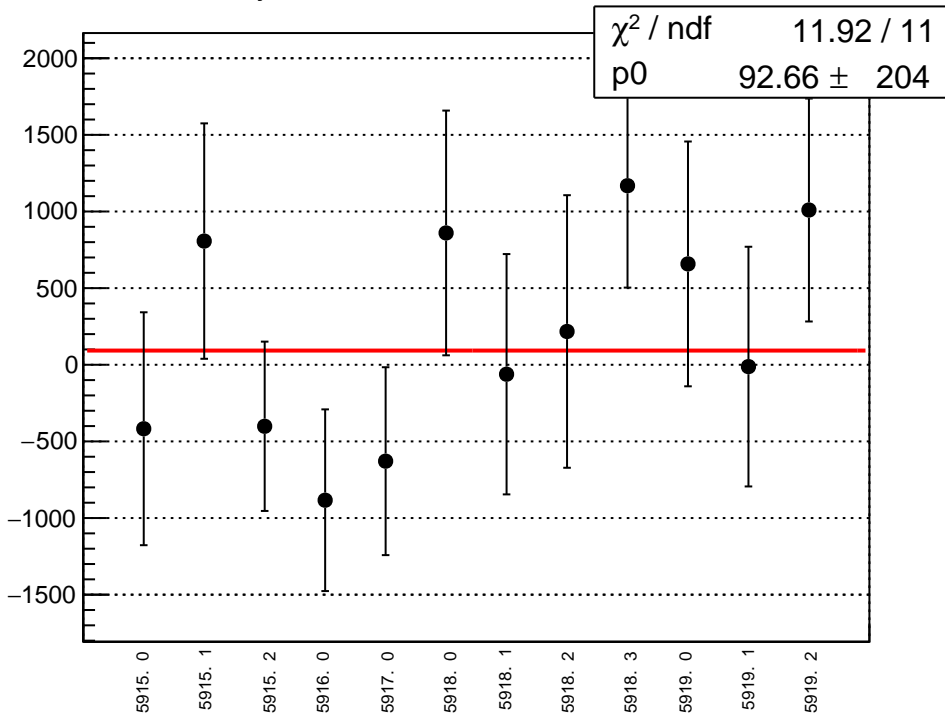




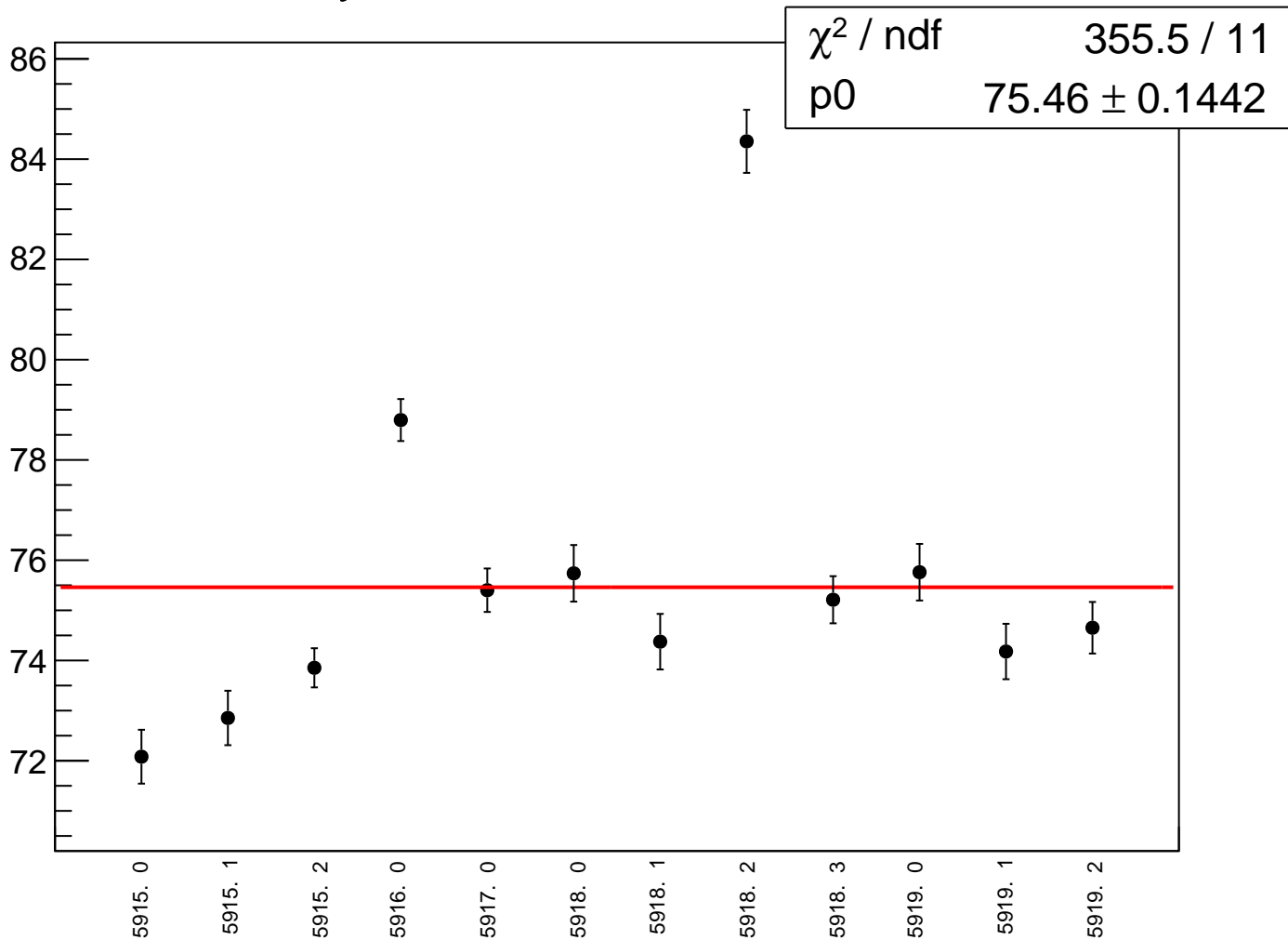




dit\_asym\_sam\_15\_26\_dd\_mean vs run



# dit\_asym\_sam\_15\_26\_dd\_rms vs run





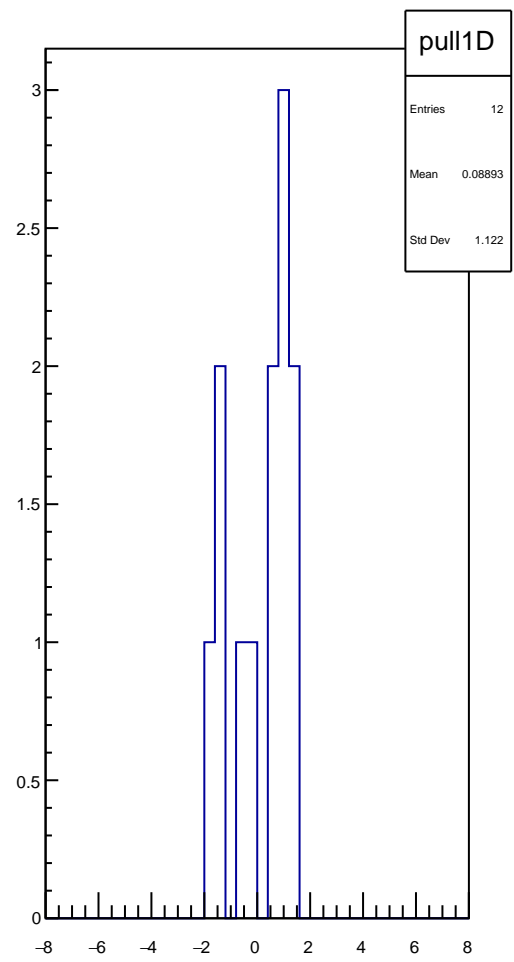
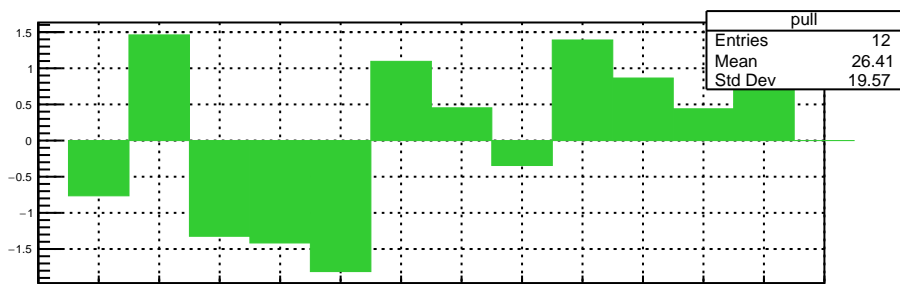
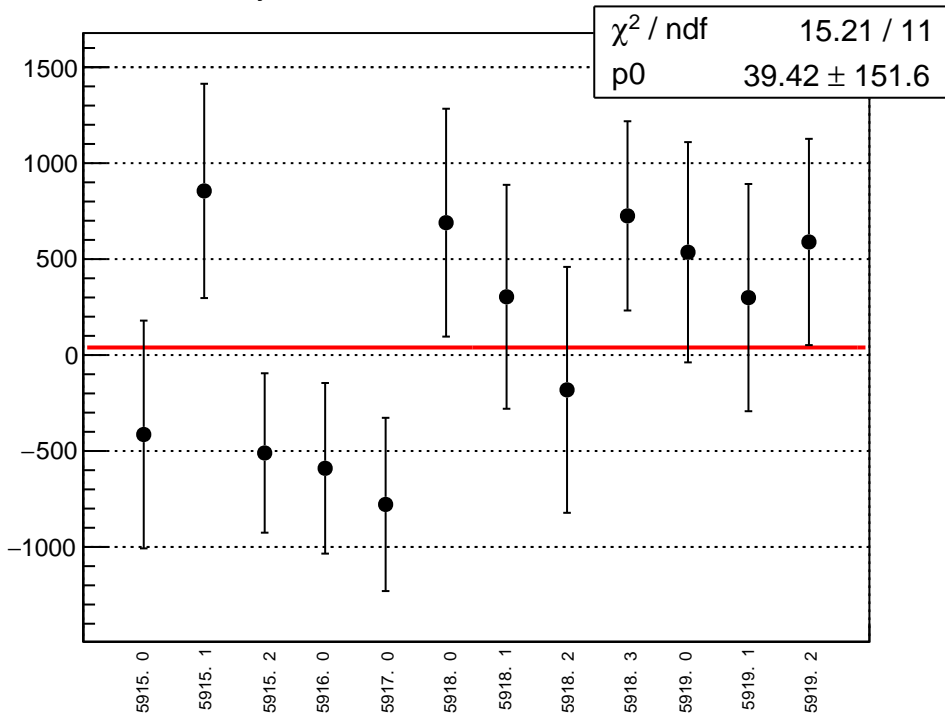




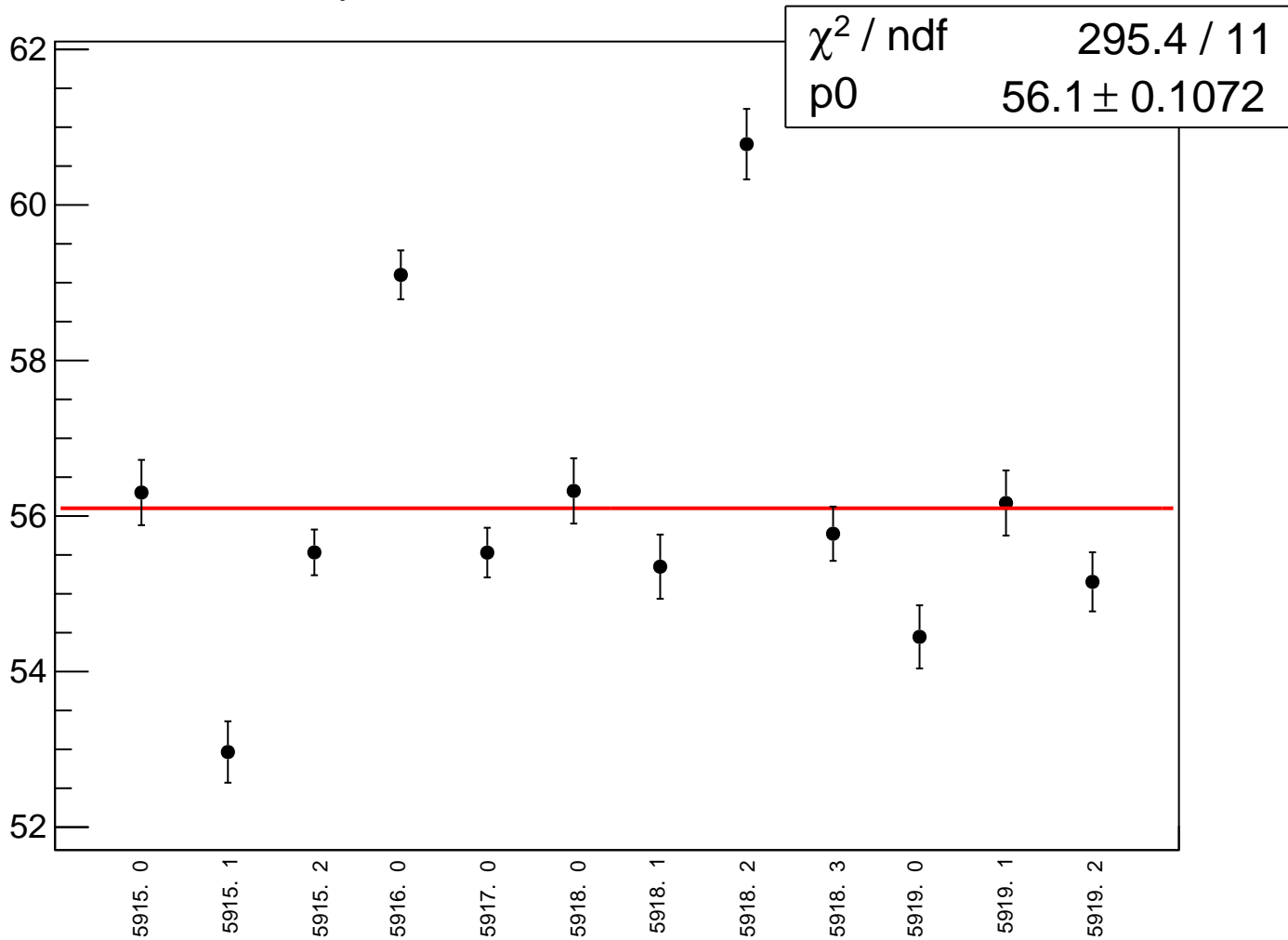




dit\_asym\_sam\_37\_26\_dd\_mean vs run



# dit\_asym\_sam\_37\_26\_dd\_rms vs run





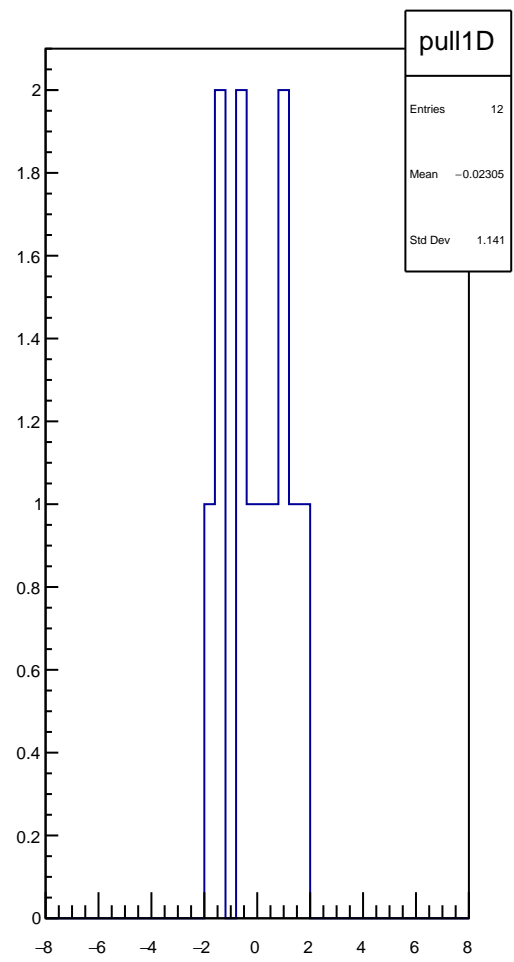
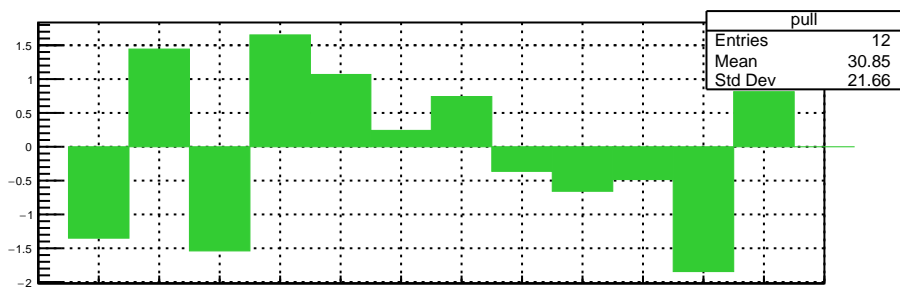
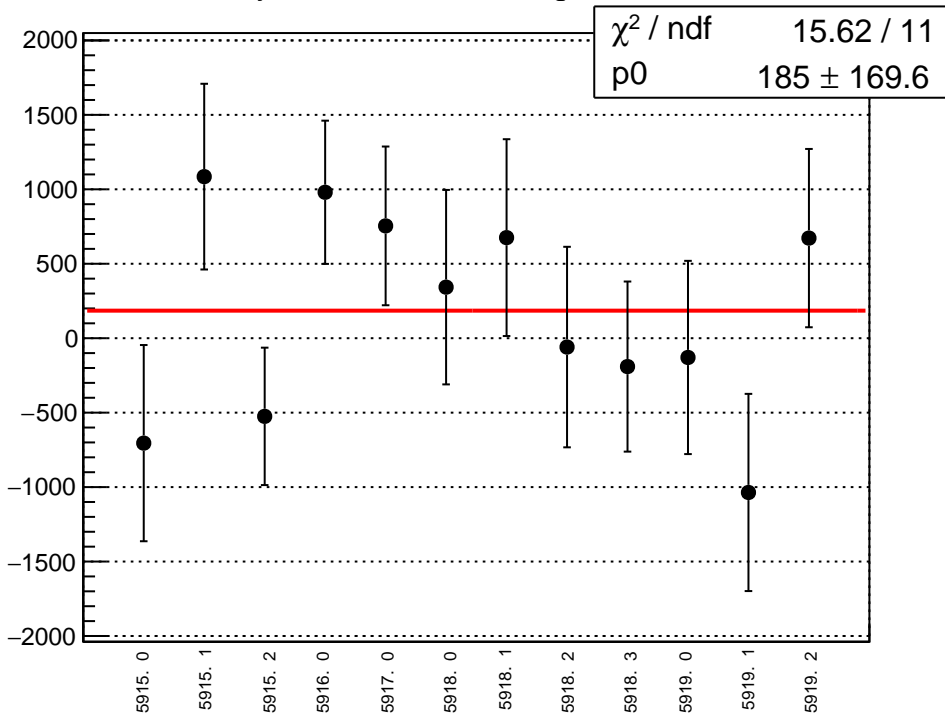






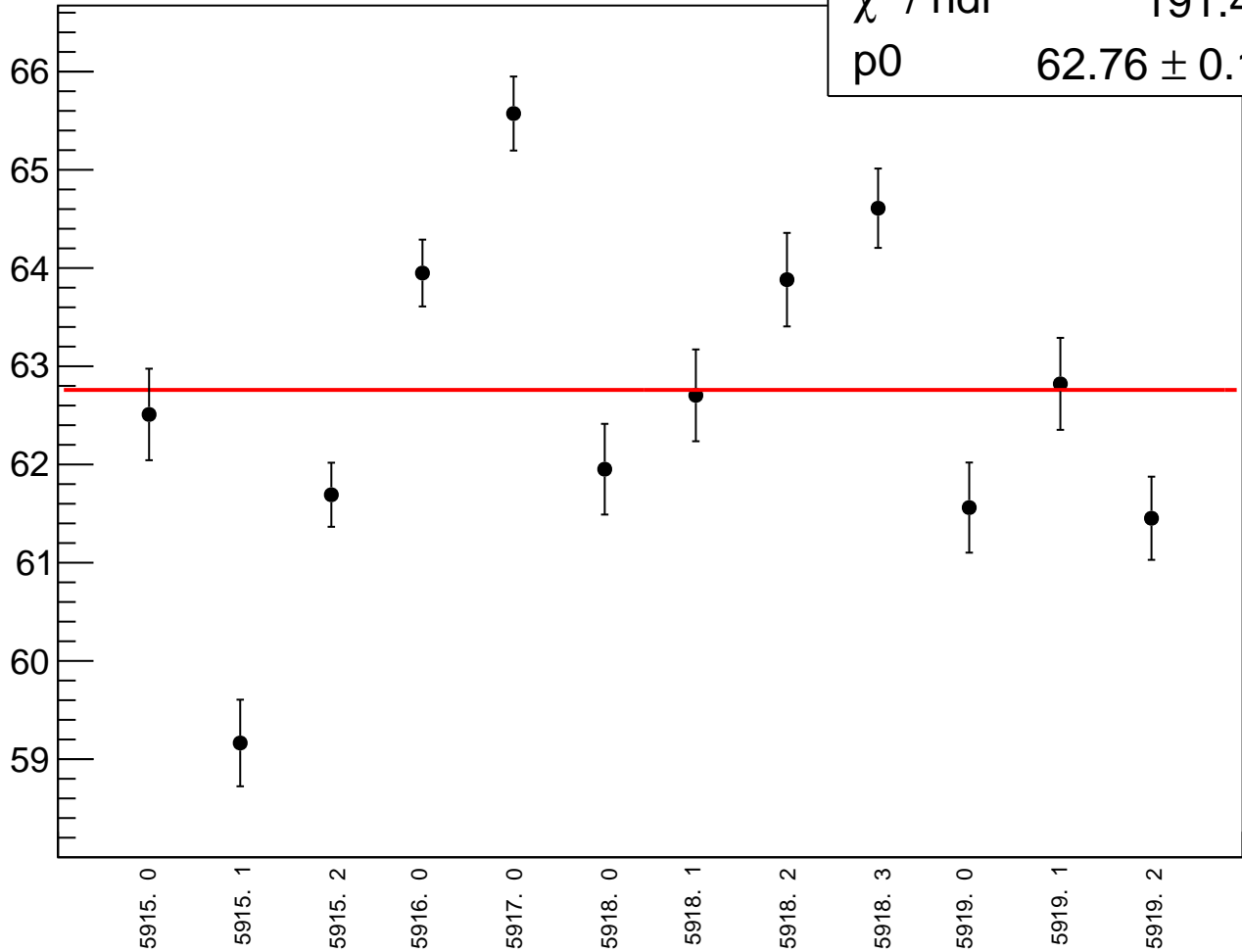


# dit\_asym\_sam\_1357\_avg\_mean vs run

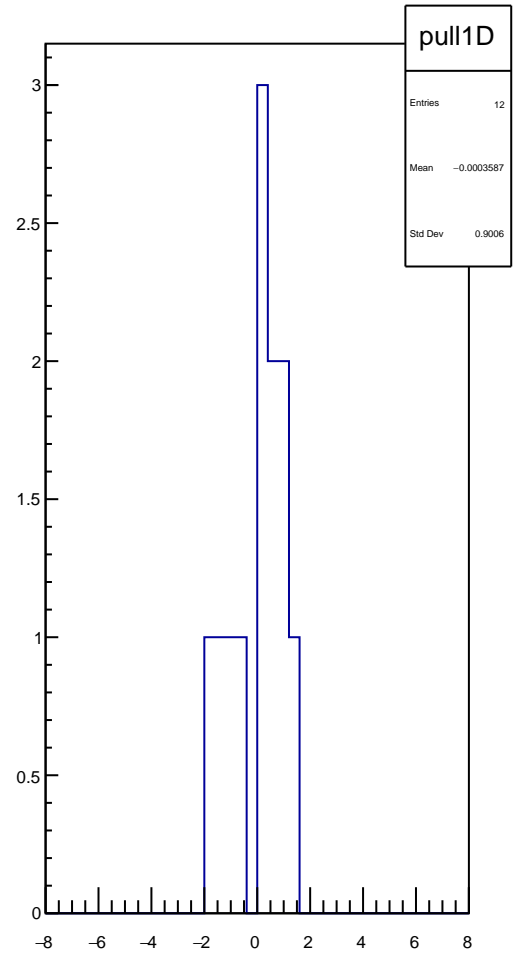
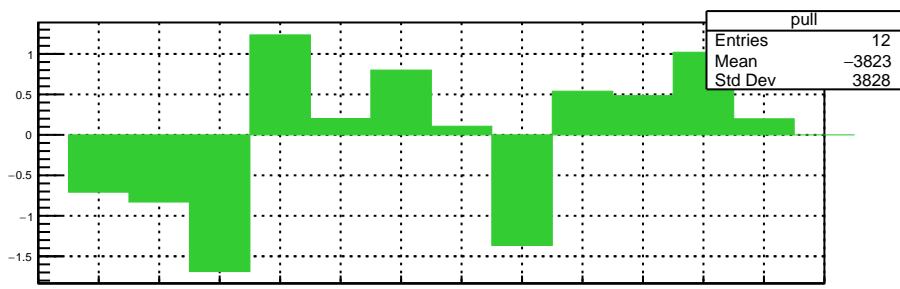
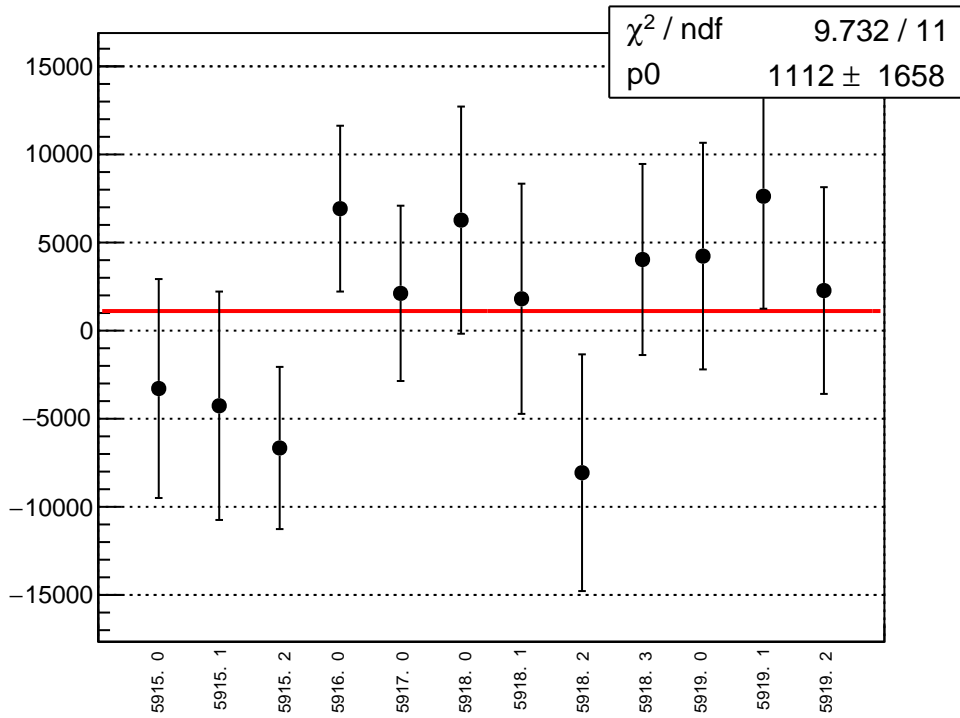


# dit\_asym\_sam\_1357\_avg\_rms vs run

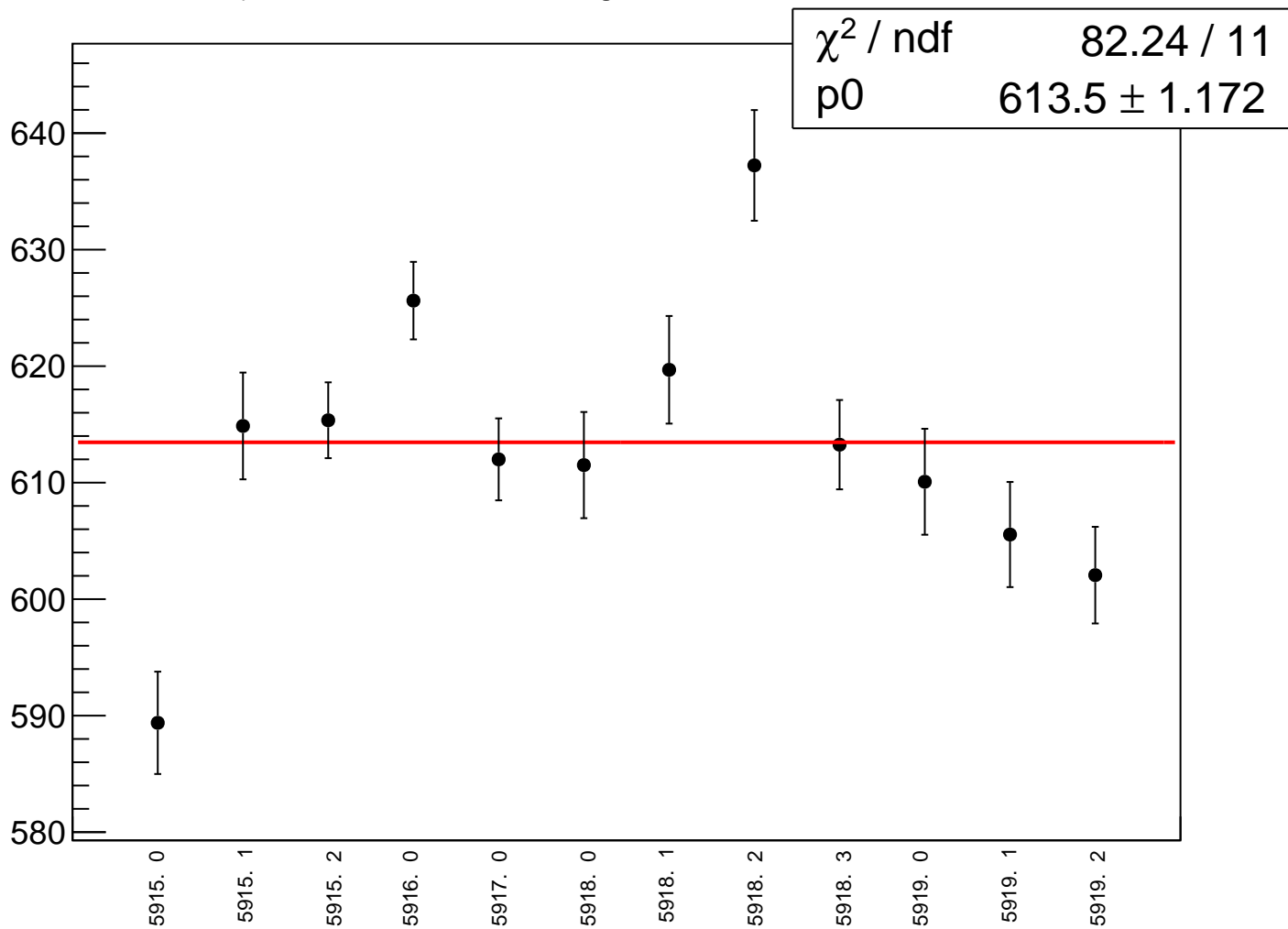
$\chi^2 / \text{ndf}$  191.4 / 11  
p0  $62.76 \pm 0.1199$



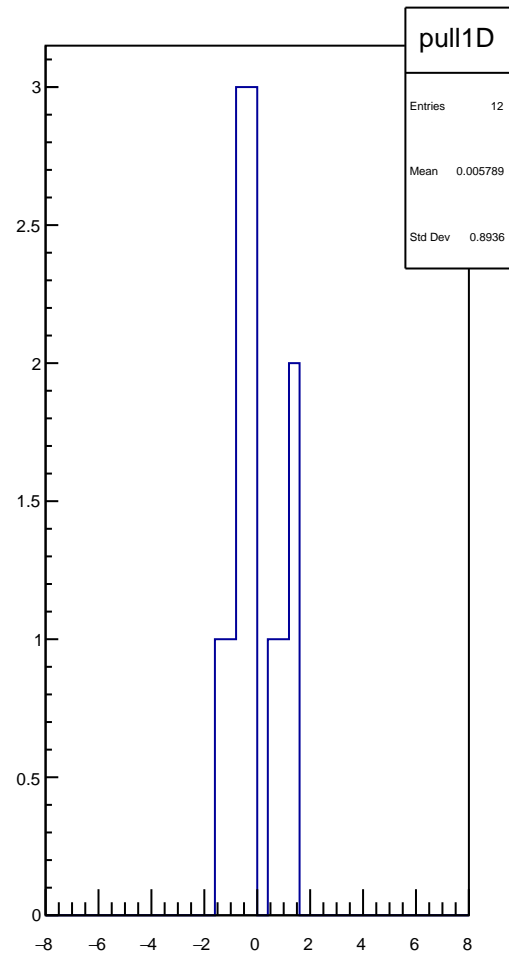
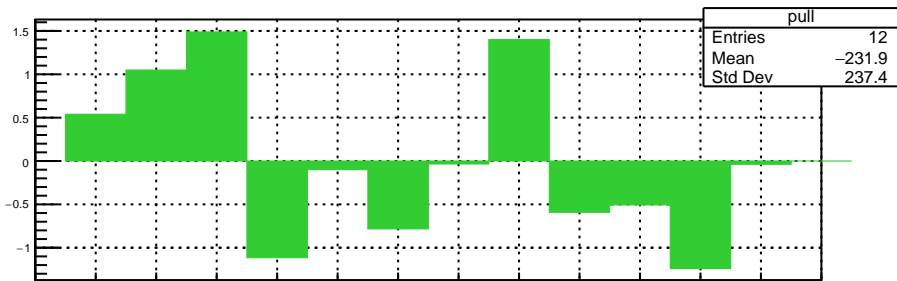
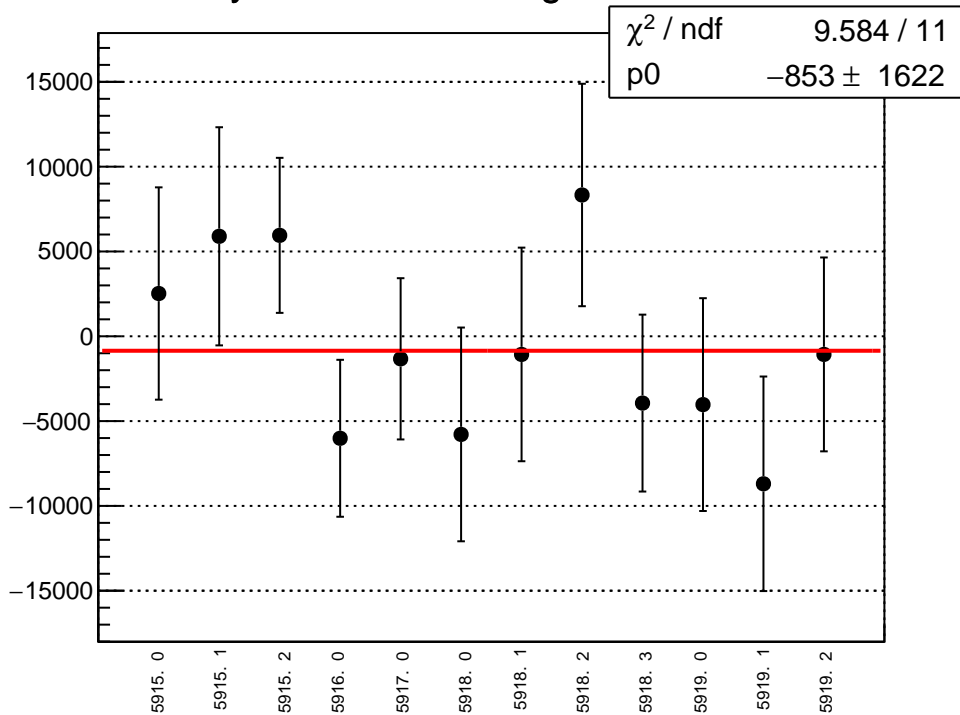
asym\_sam\_1357\_avg\_correction\_mean vs run



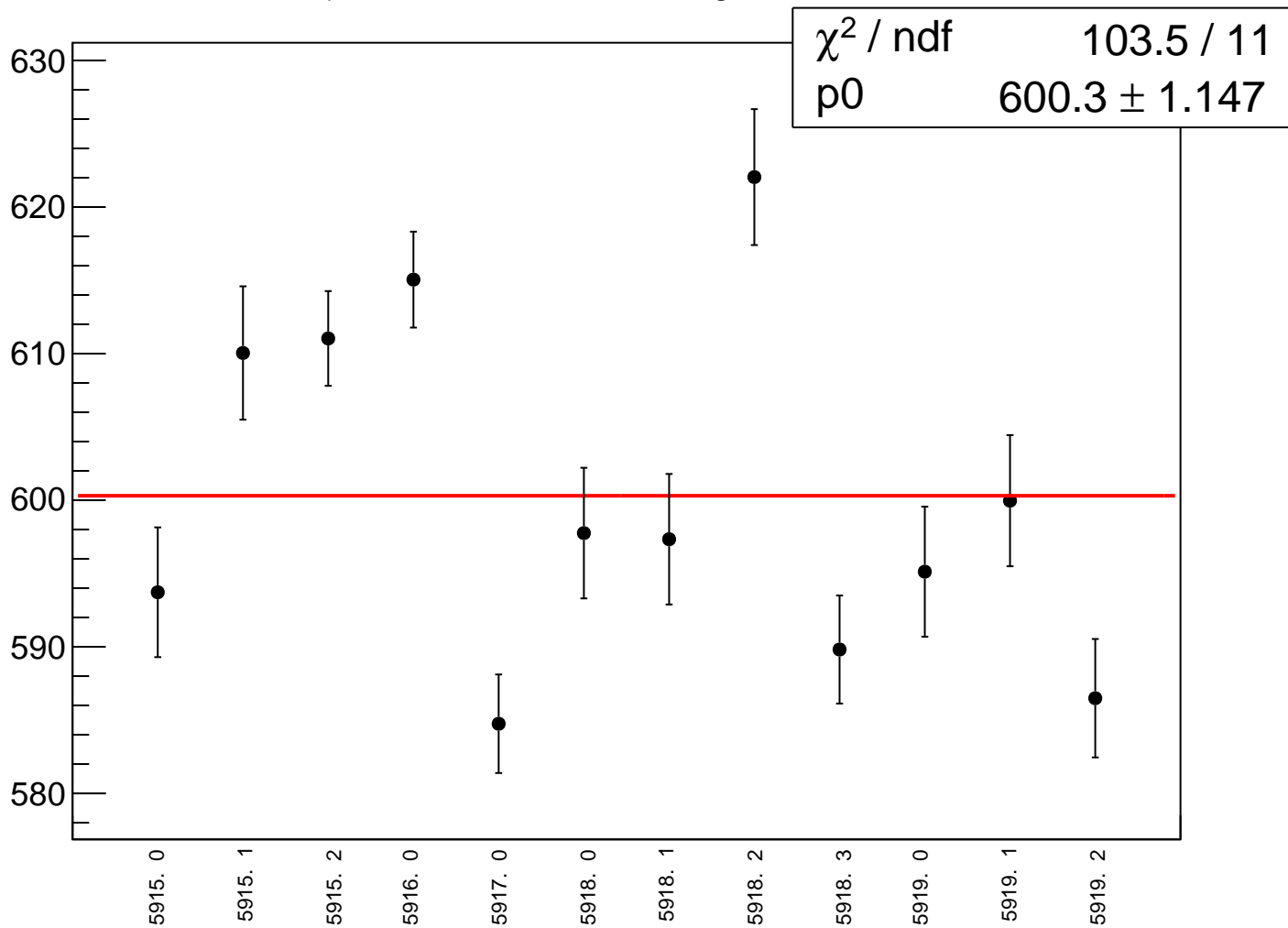
asym\_sam\_1357\_avg\_correction\_rms vs run



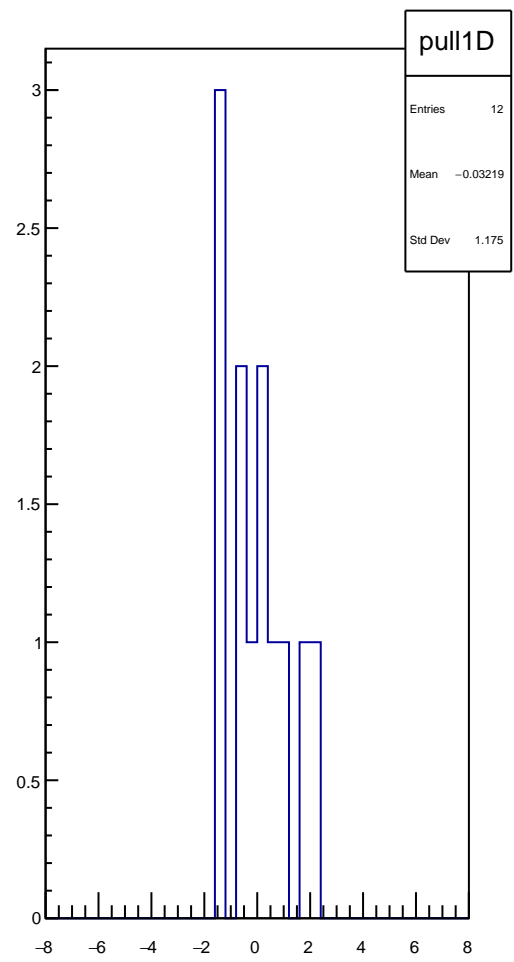
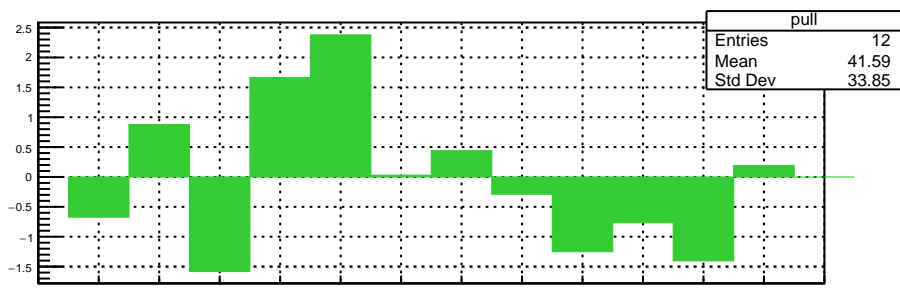
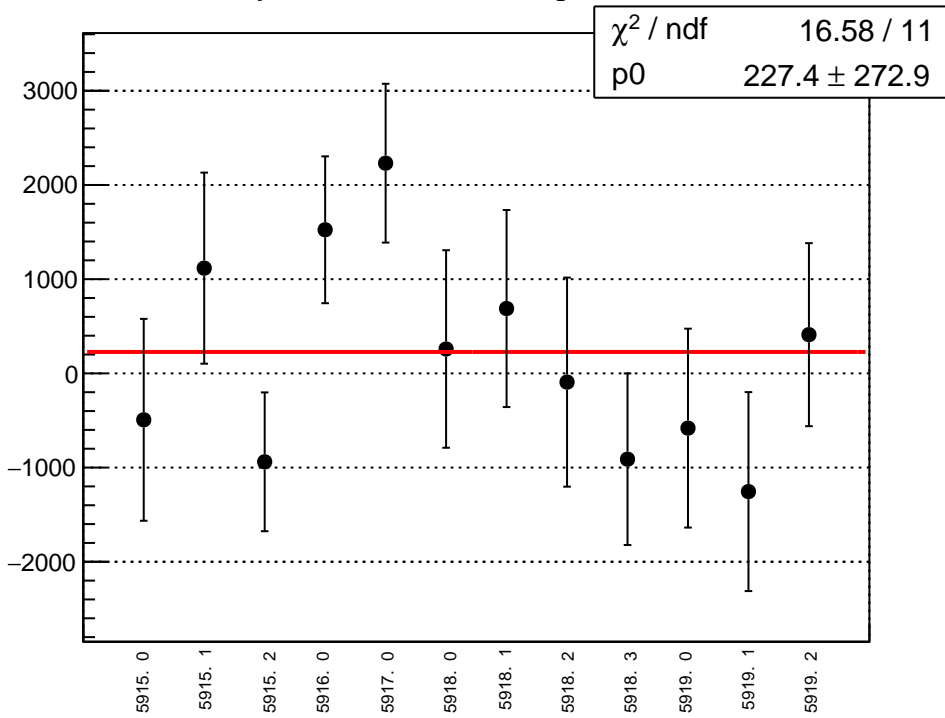
# asym\_sam\_1357\_avg\_mean vs run



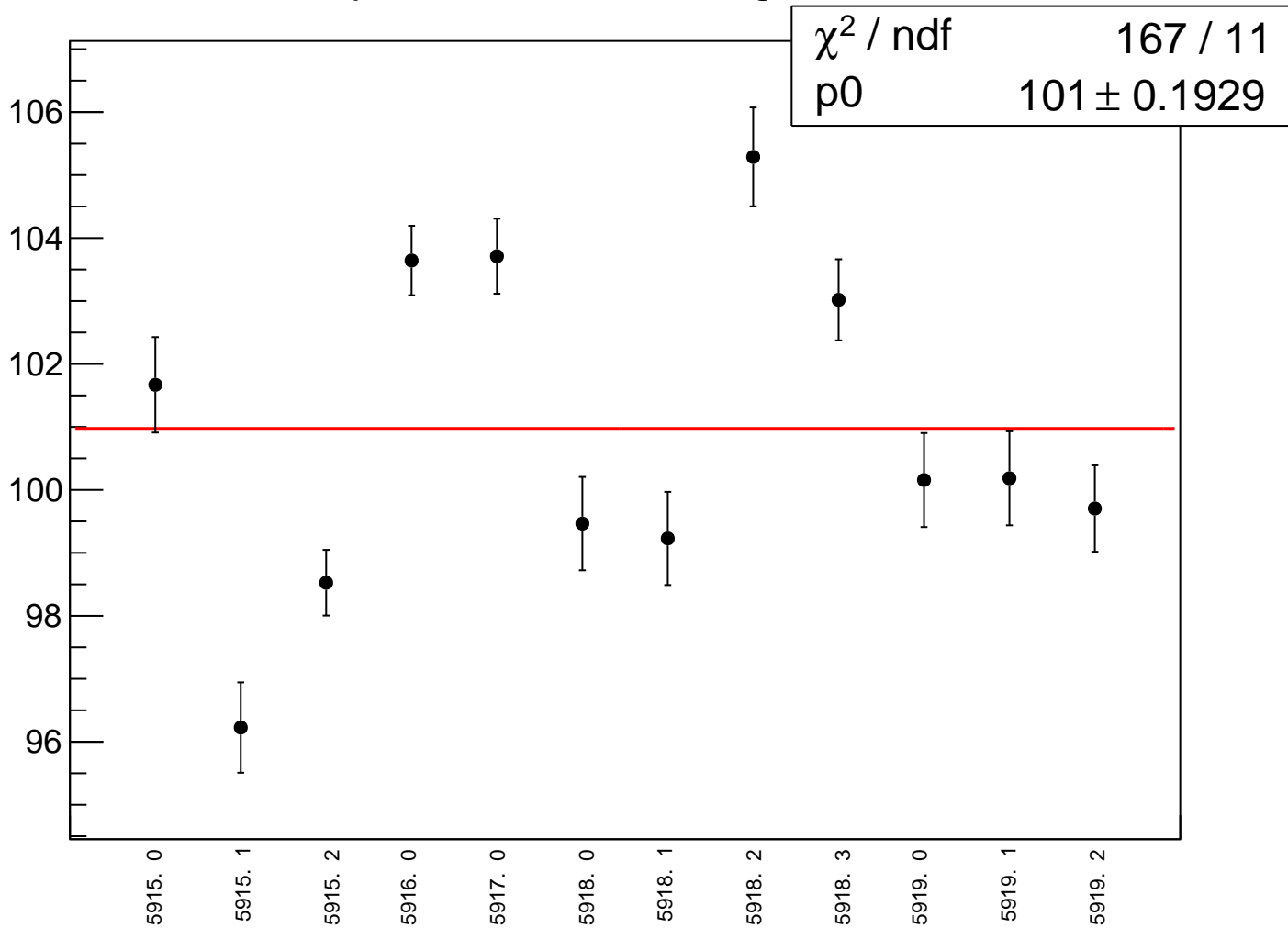
# asym\_sam\_1357\_avg\_rms vs run



dit\_asym\_sam\_2468\_avg\_mean vs run

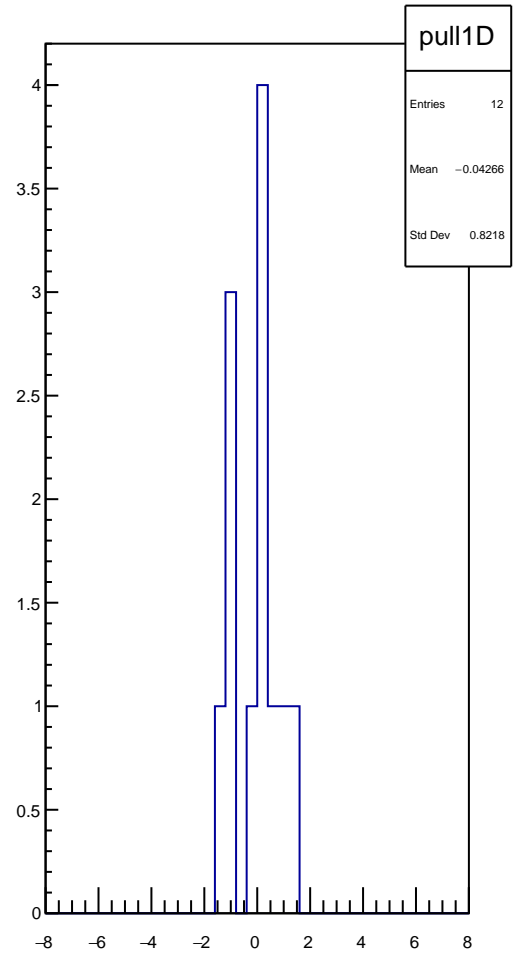
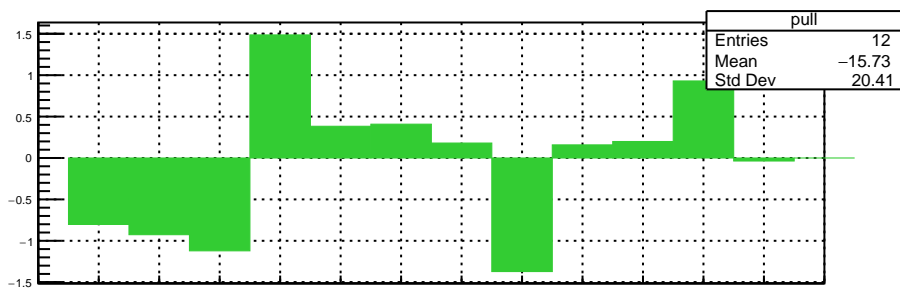
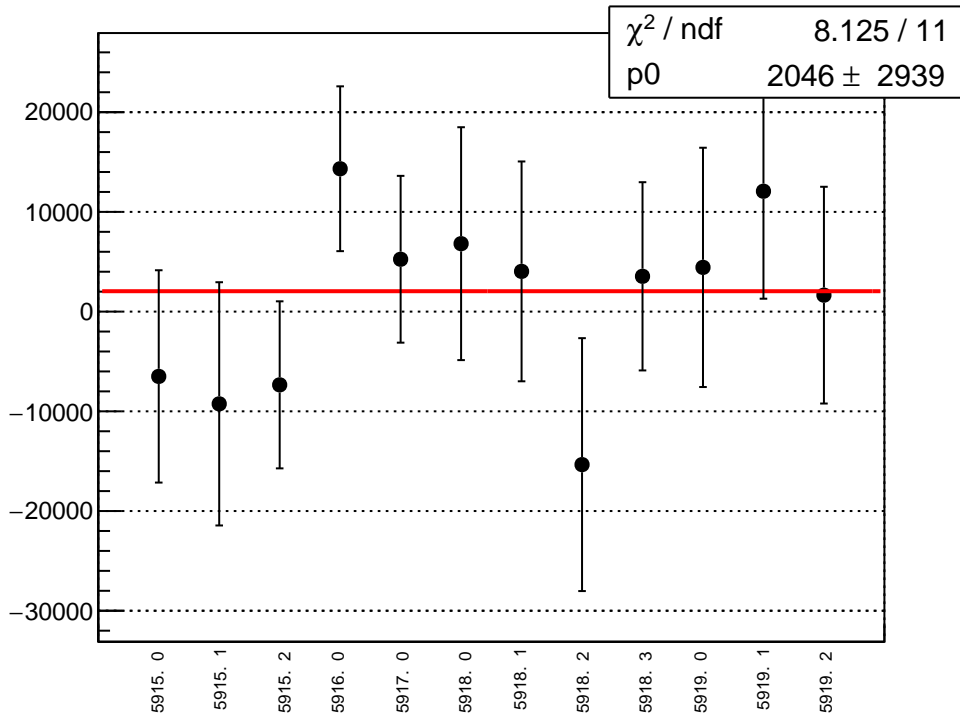


# dit\_asym\_sam\_2468\_avg\_rms vs run

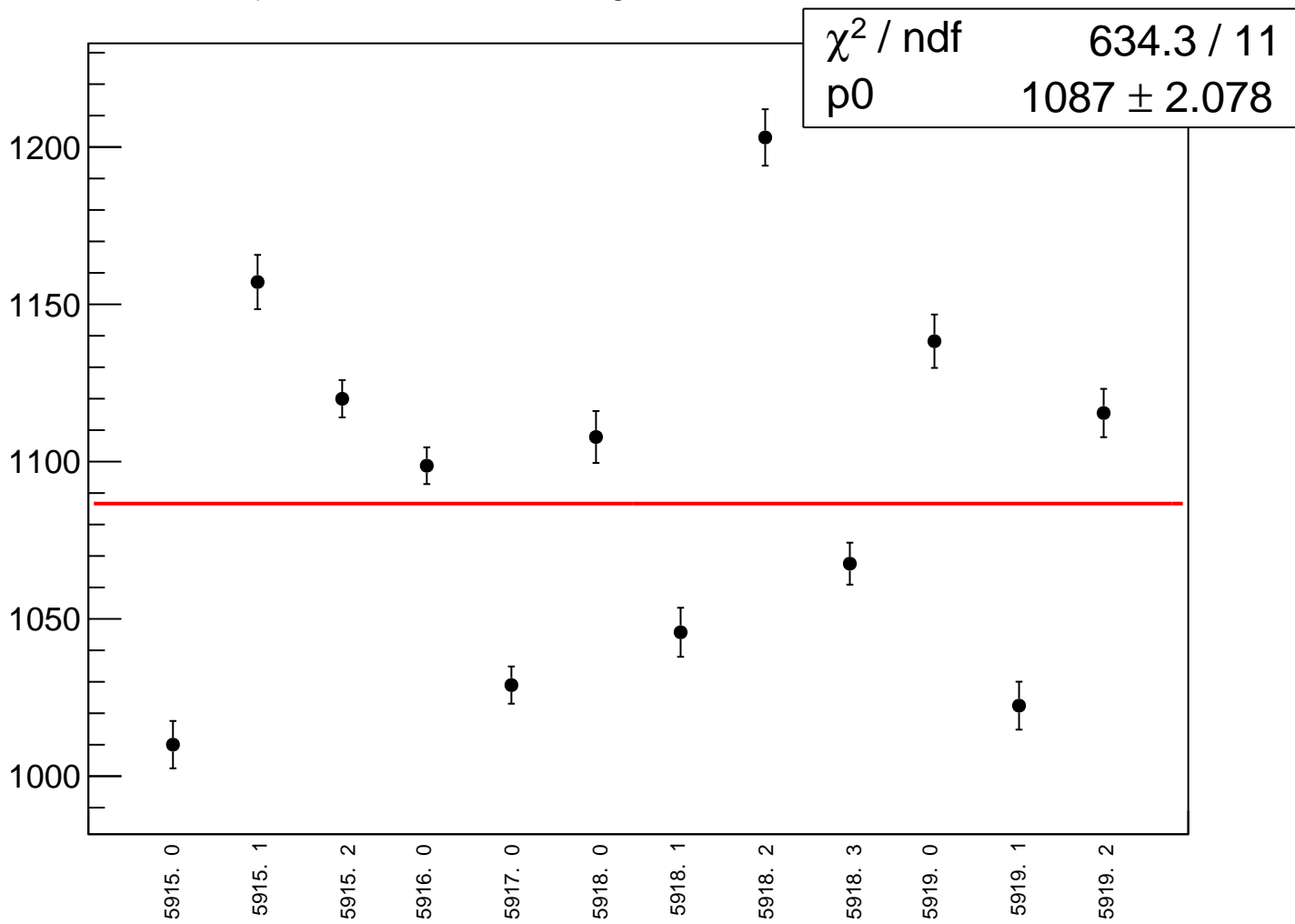




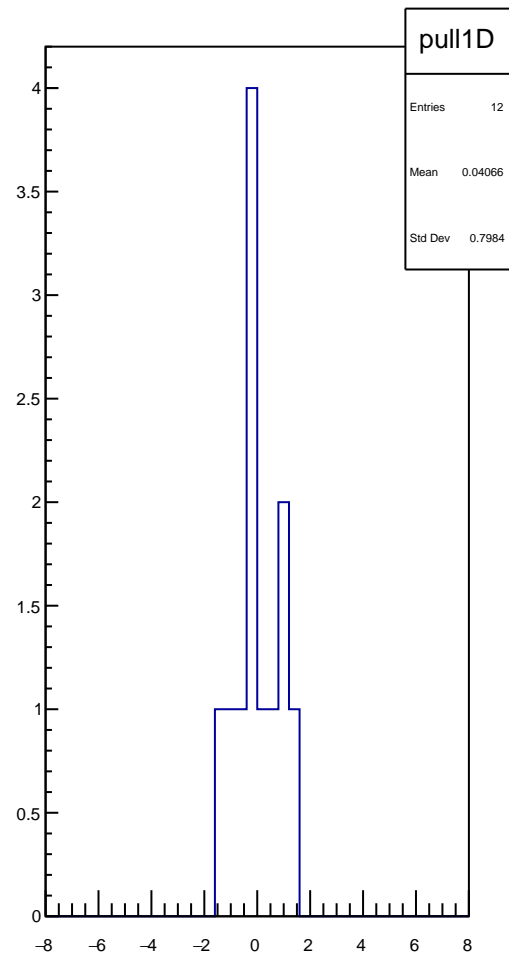
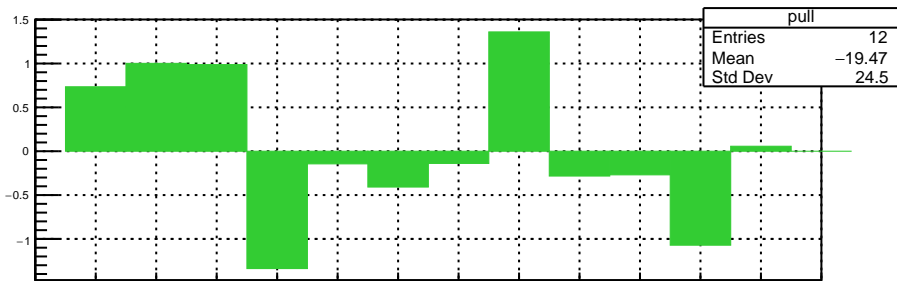
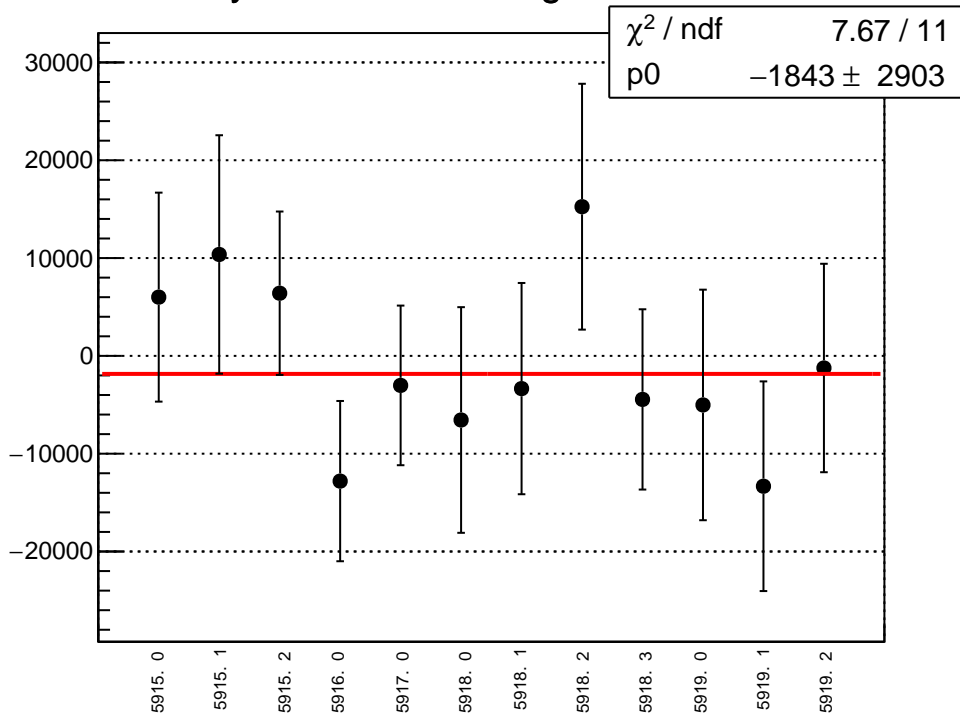
asym\_sam\_2468\_avg\_correction\_mean vs run



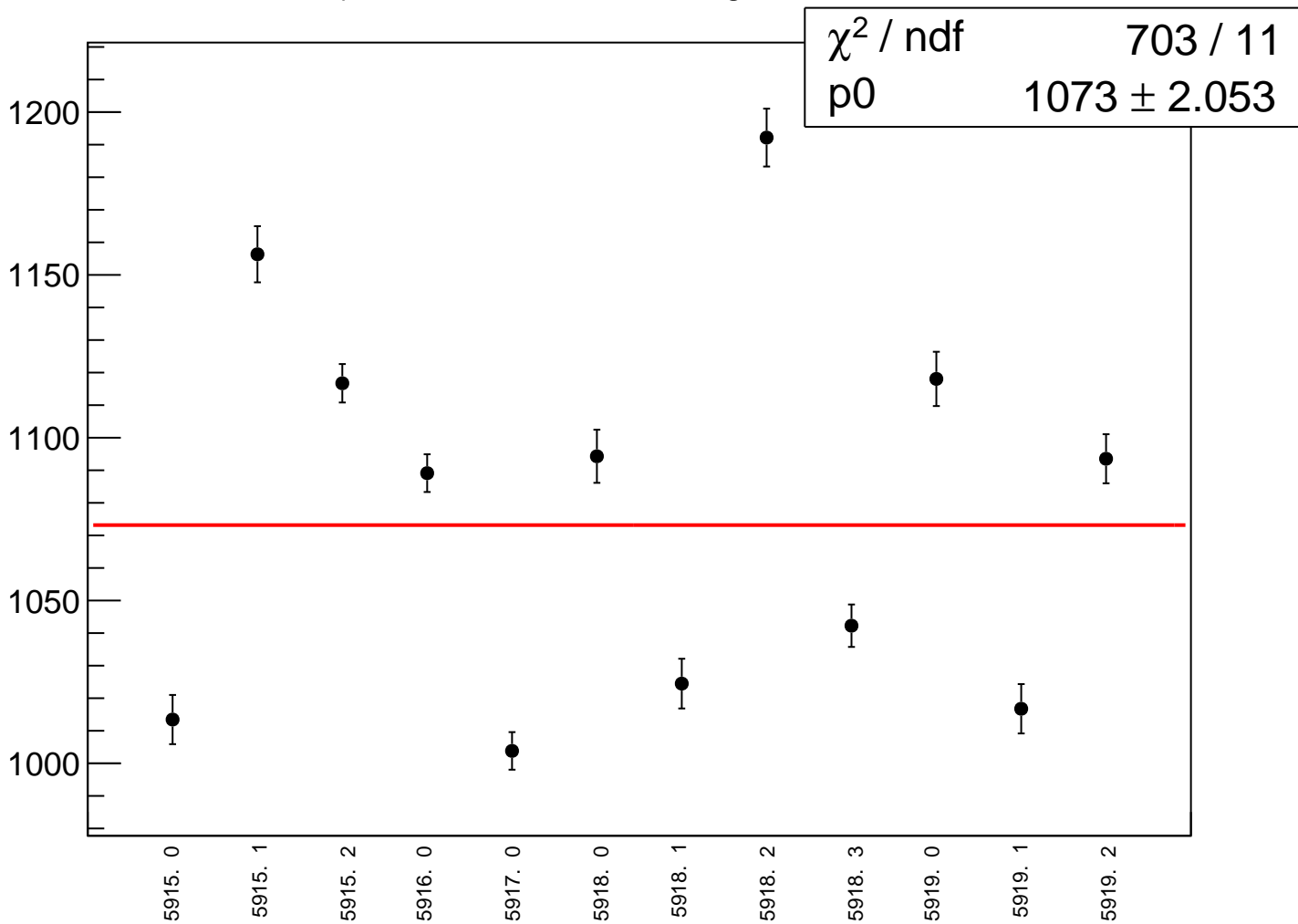
asym\_sam\_2468\_avg\_correction\_rms vs run



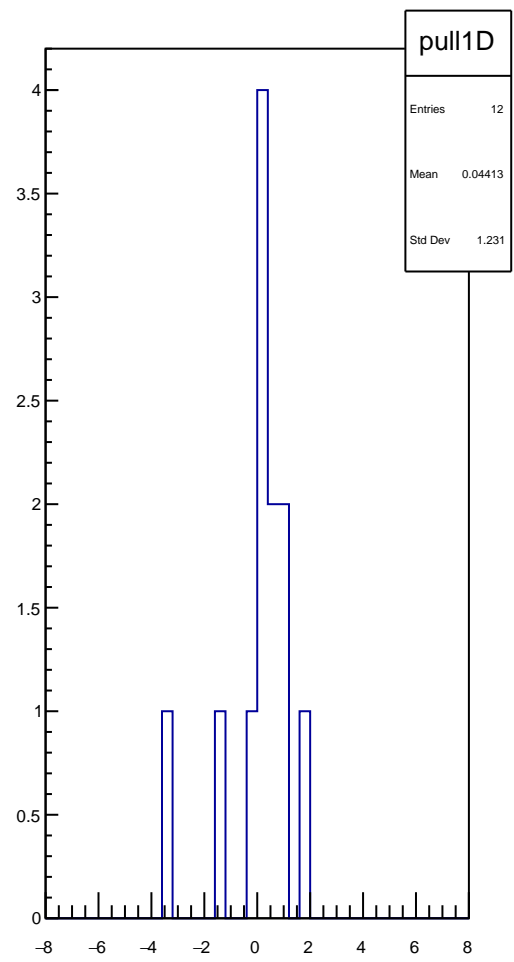
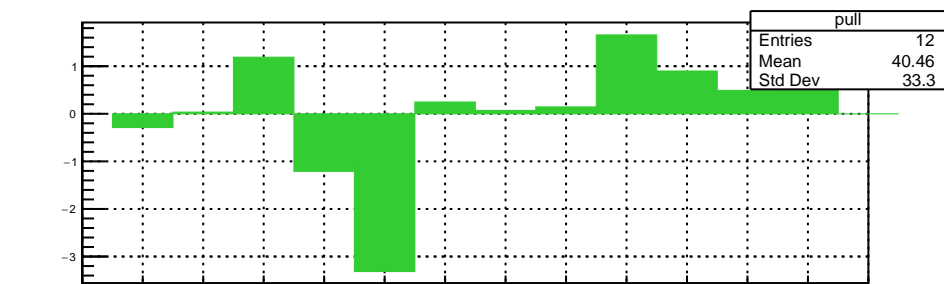
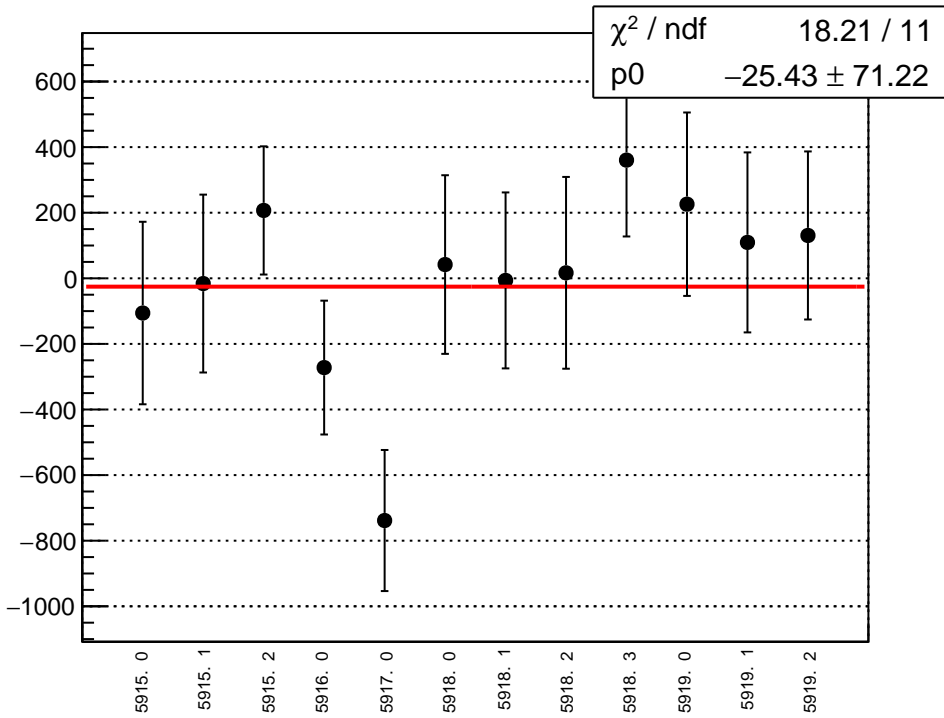
# asym\_sam\_2468\_avg\_mean vs run



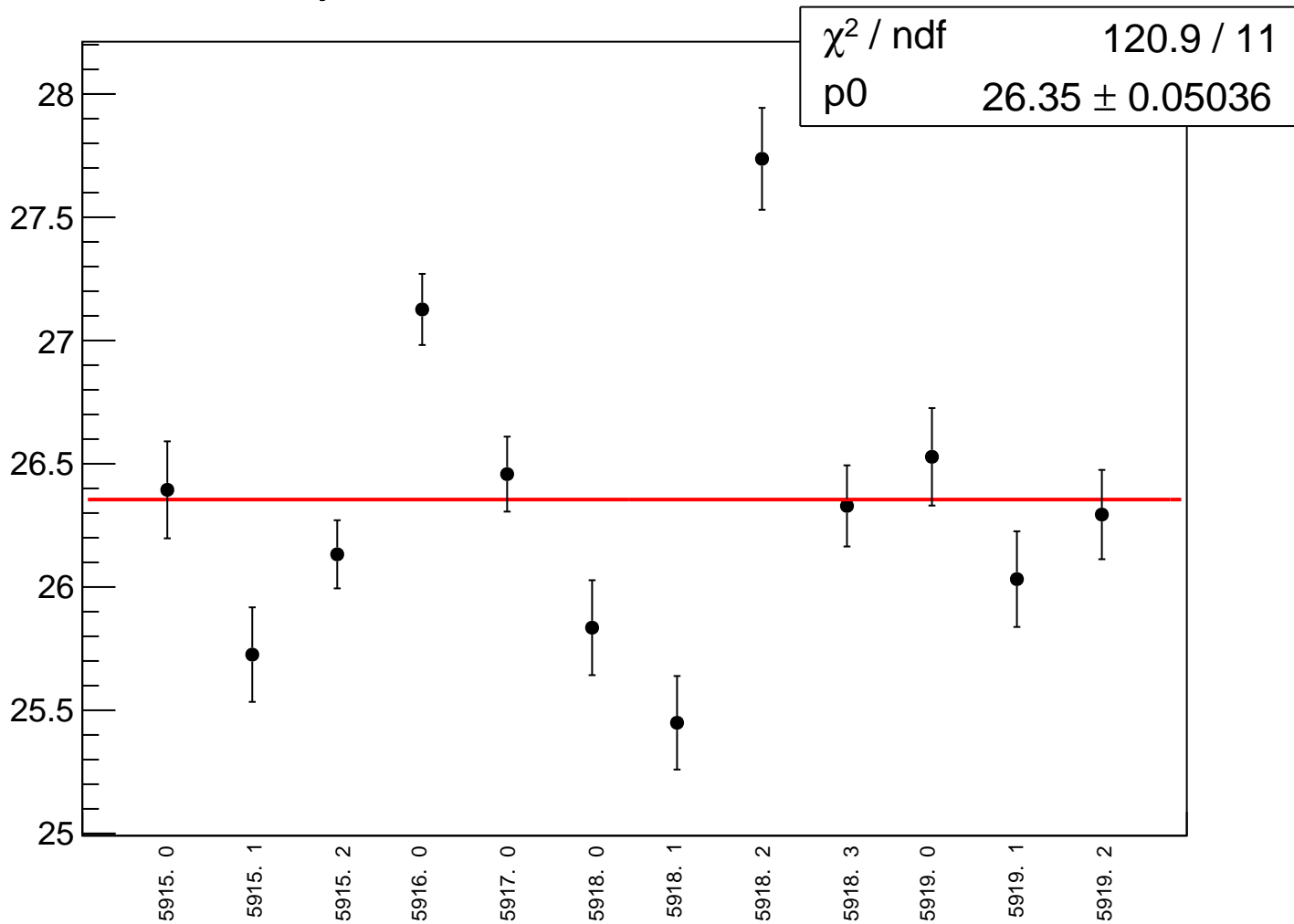
# asym\_sam\_2468\_avg\_rms vs run



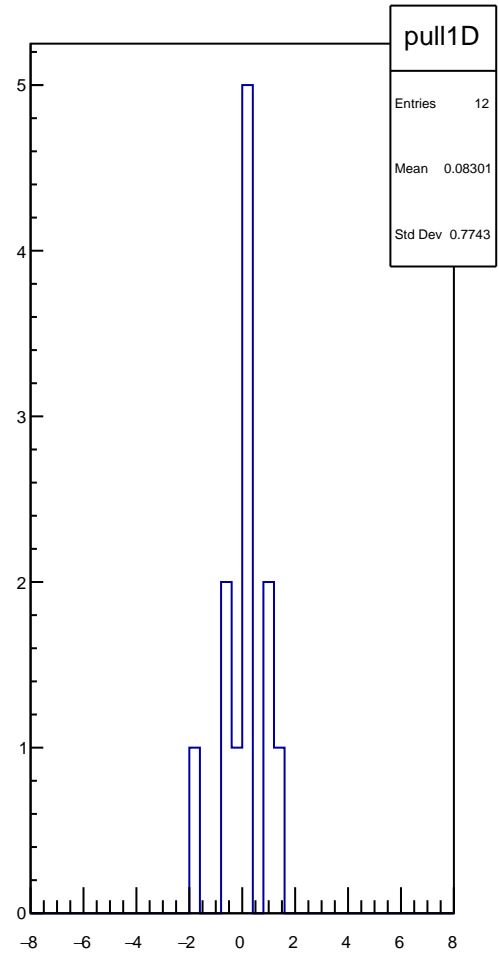
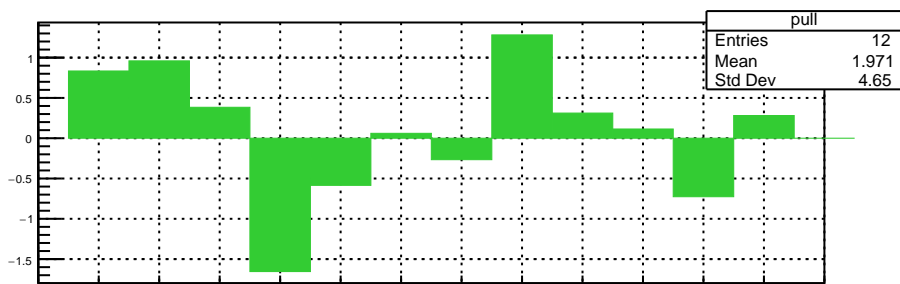
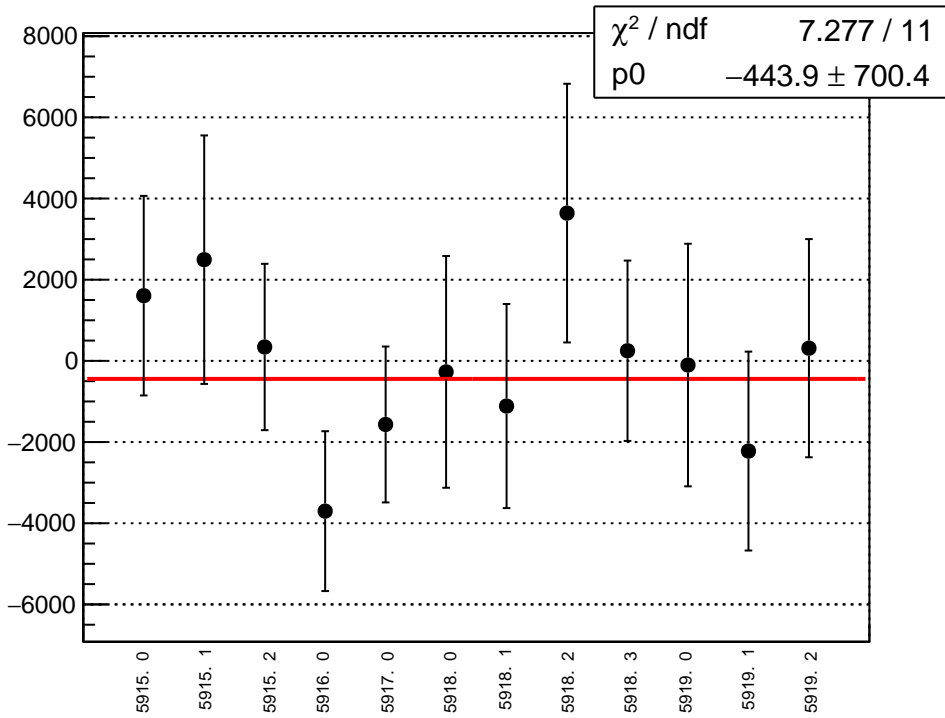
dit\_asym\_sam\_1357\_2468\_dd\_mean vs run



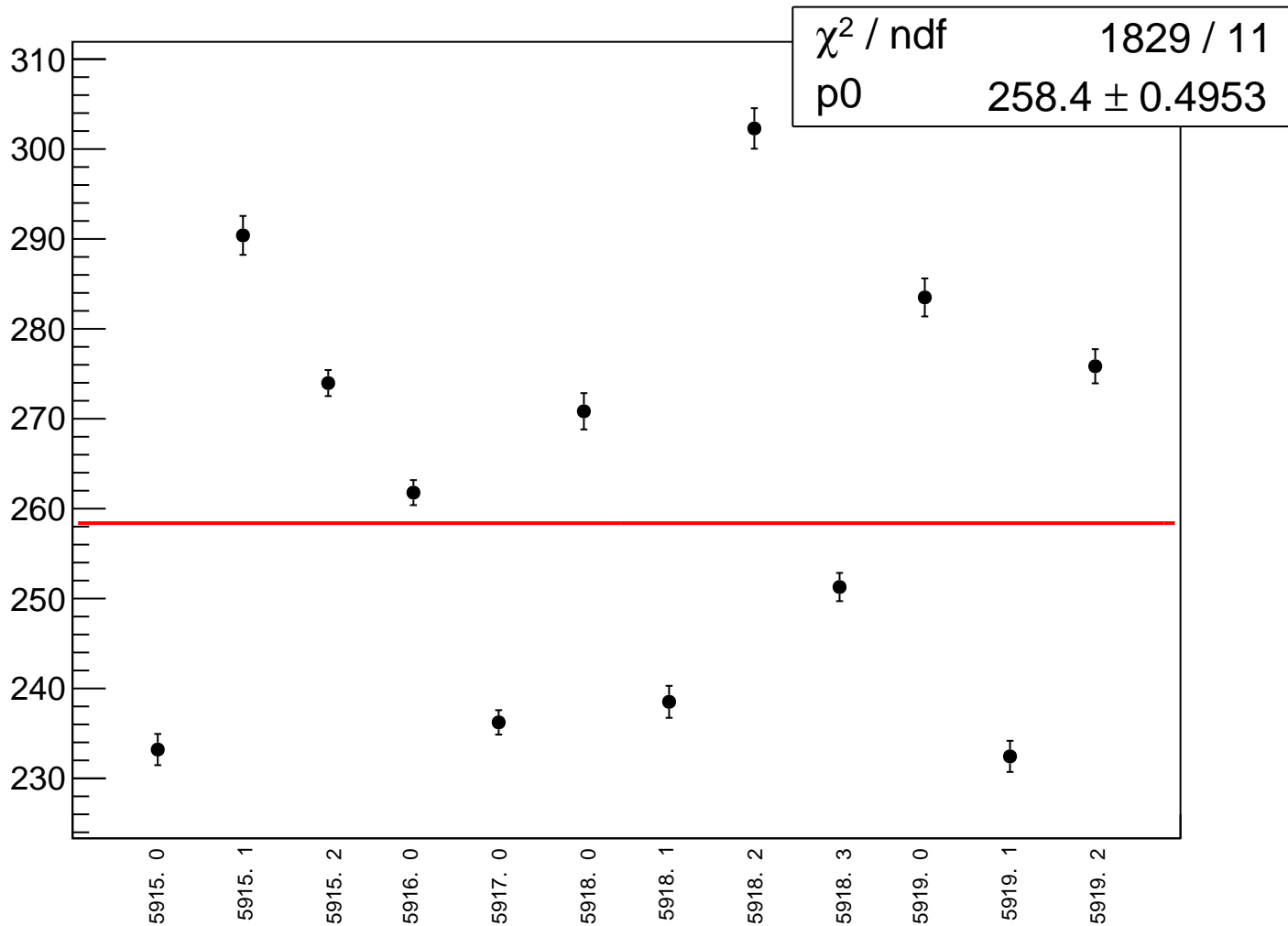
# dit\_asym\_sam\_1357\_2468\_dd\_rms vs run



asym\_sam\_1357\_2468\_dd\_correction\_mean vs run

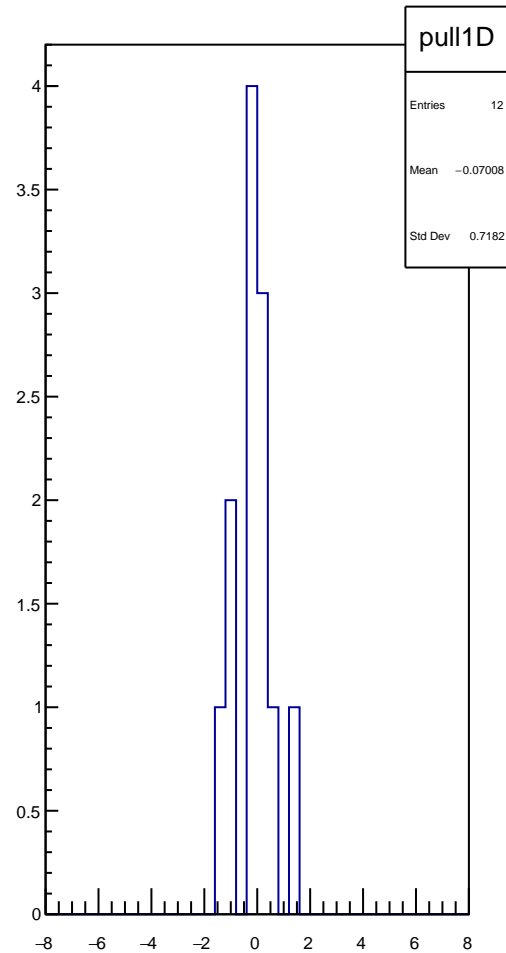
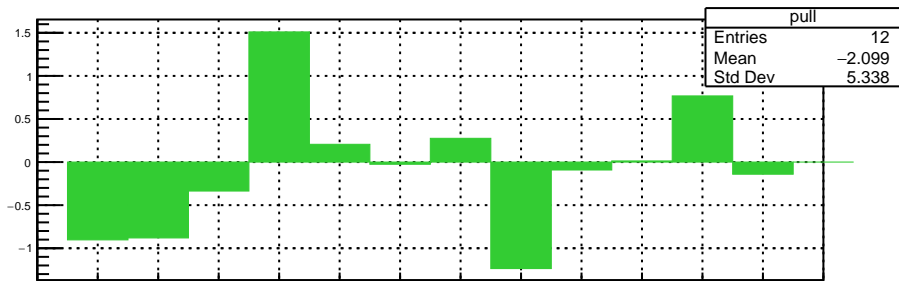
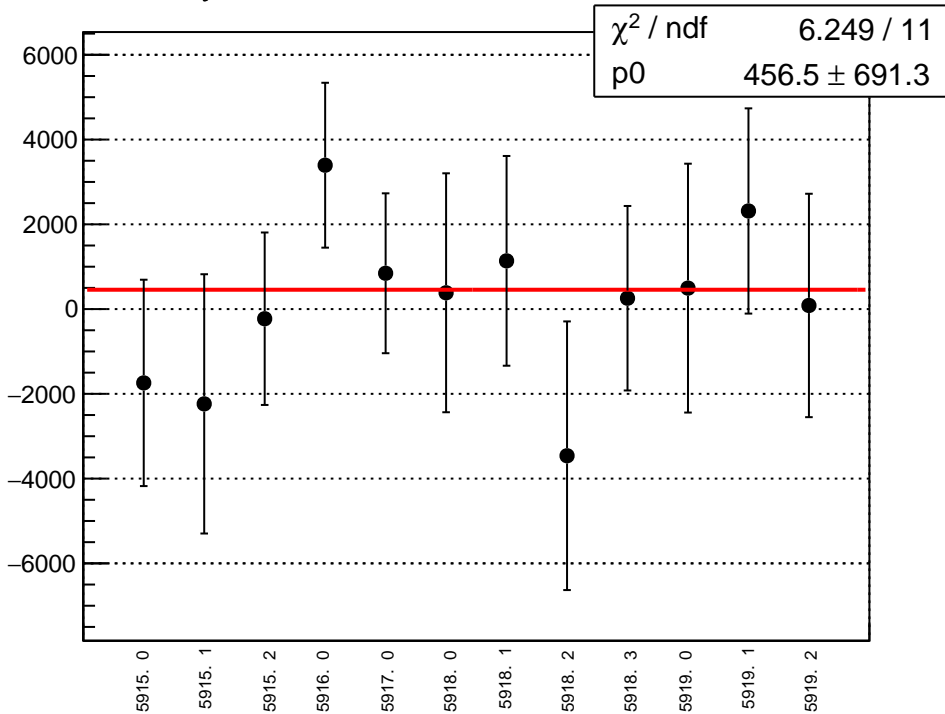


asym\_sam\_1357\_2468\_dd\_correction\_rms vs run

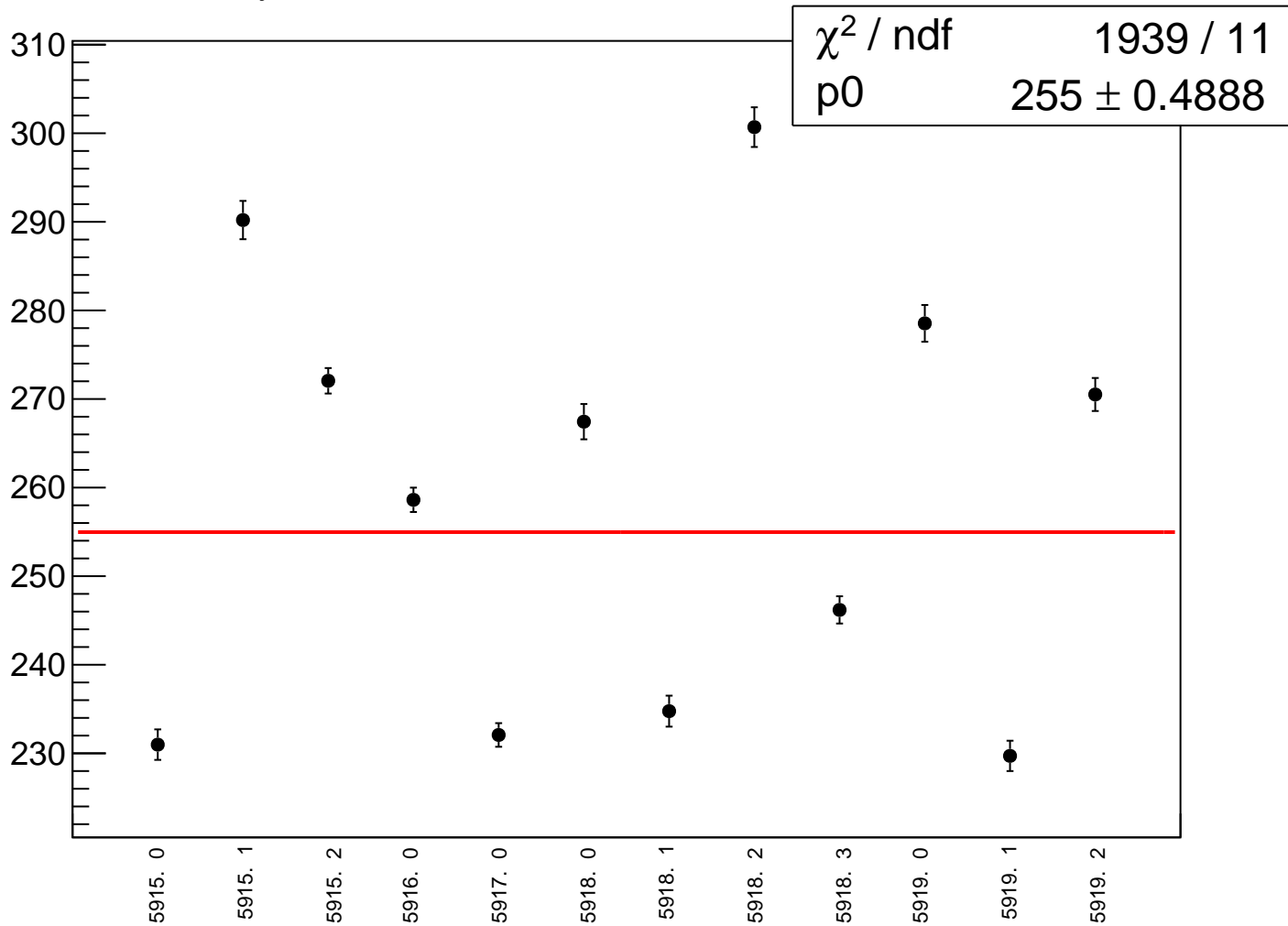




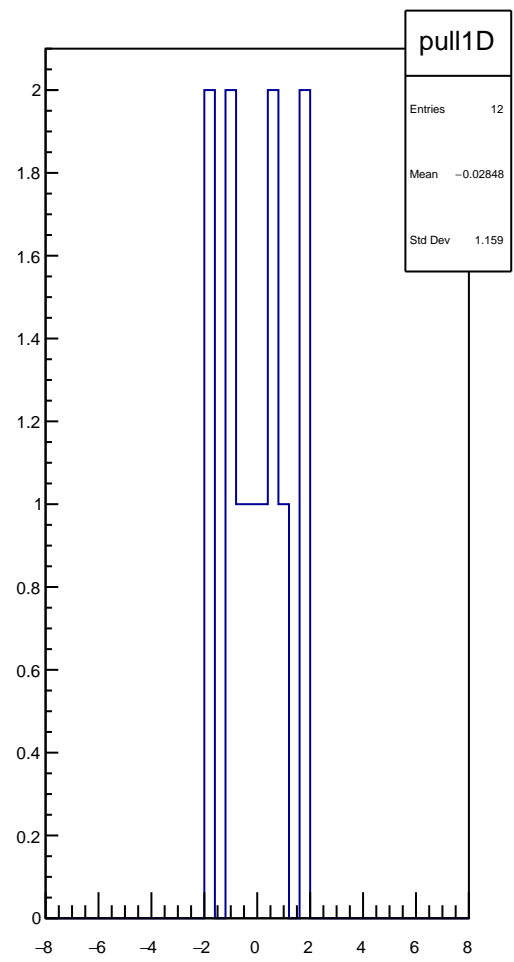
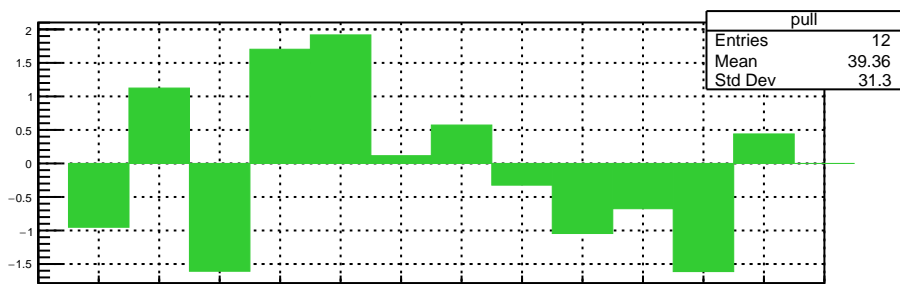
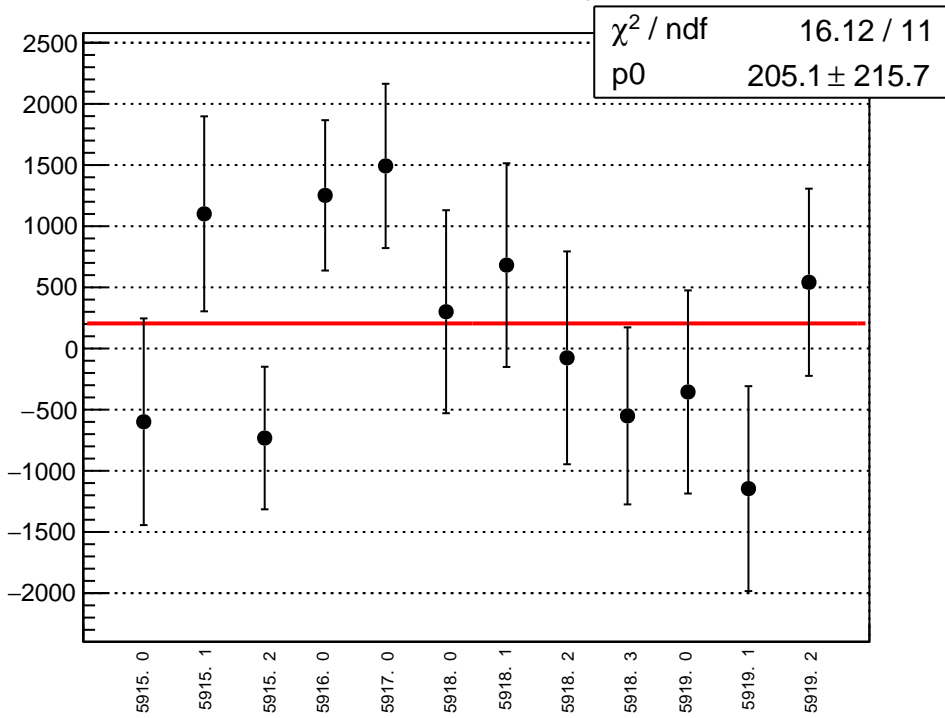
asym\_sam\_1357\_2468\_dd\_mean vs run



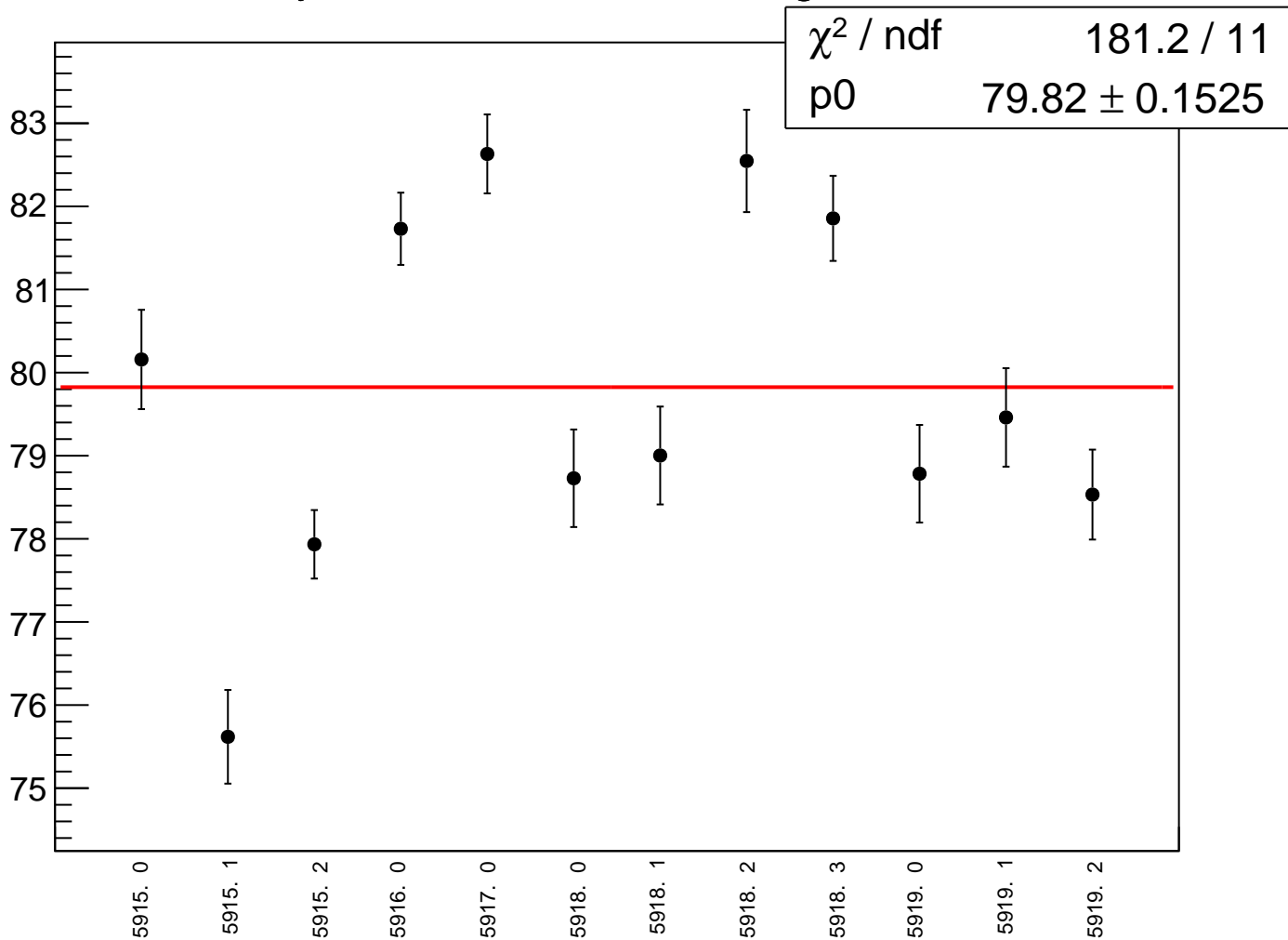
# asym\_sam\_1357\_2468\_dd\_rms vs run



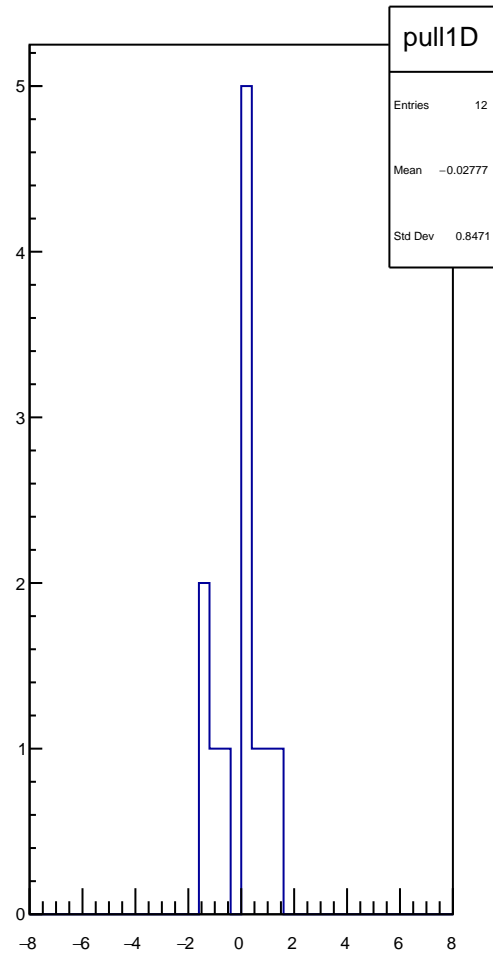
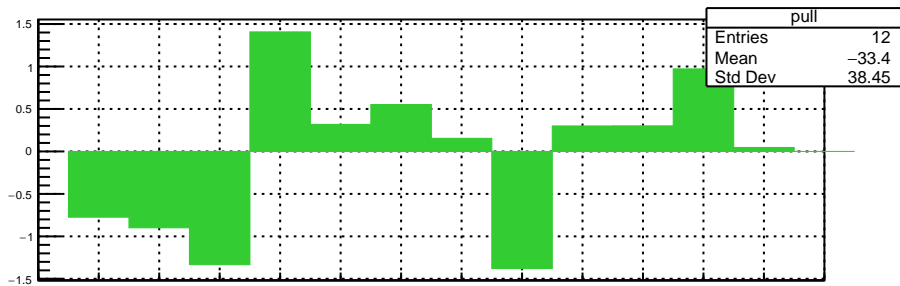
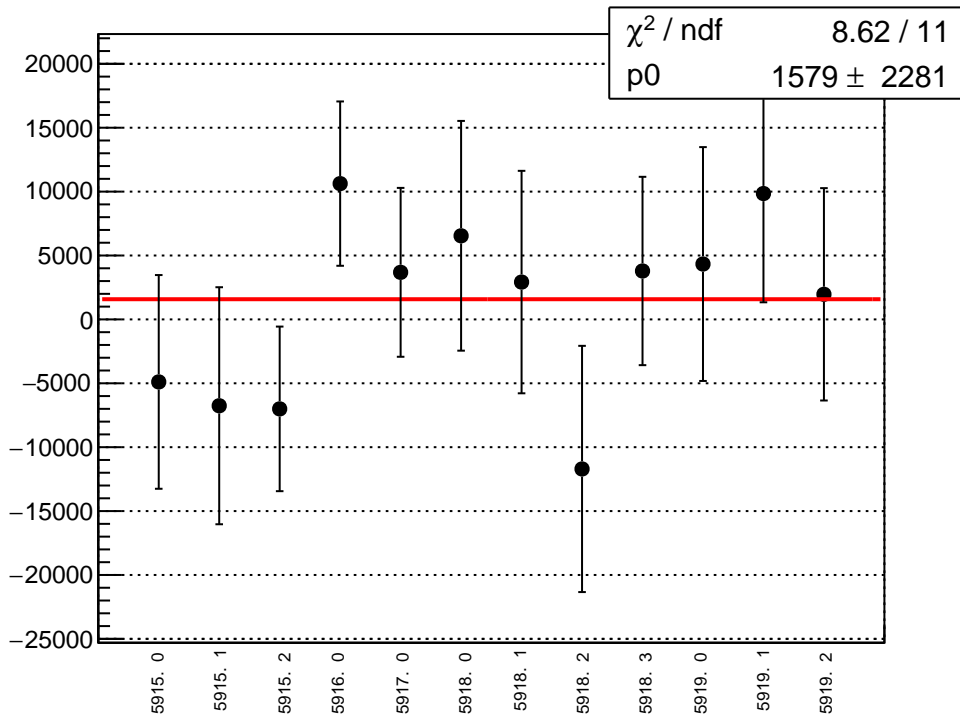
dit\_asym\_sam\_12345678\_avg\_mean vs run



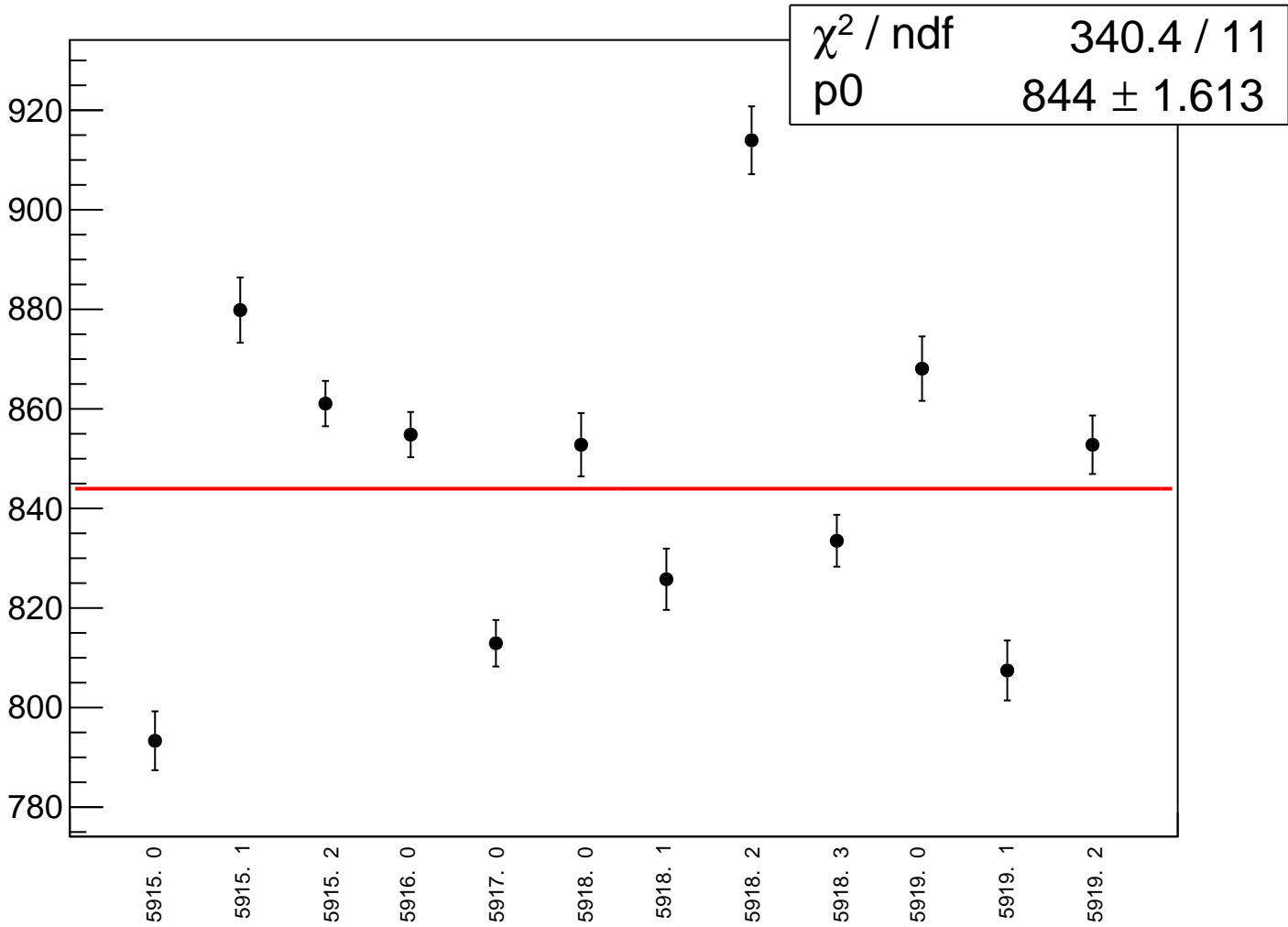
# dit\_asym\_sam\_12345678\_avg\_rms vs run



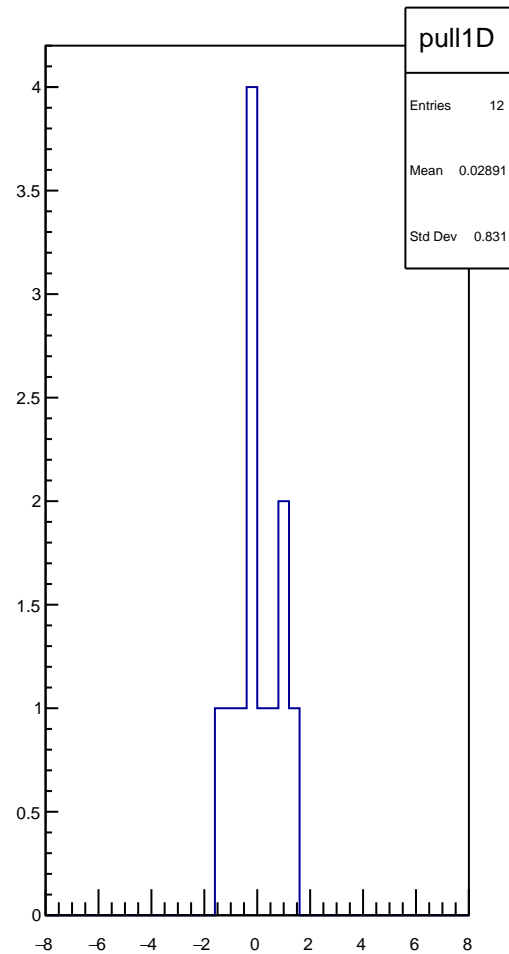
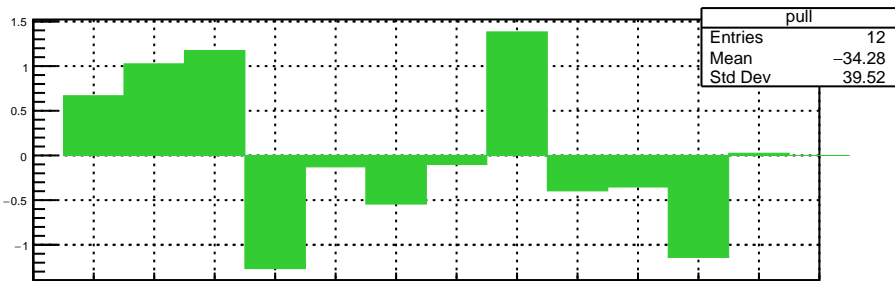
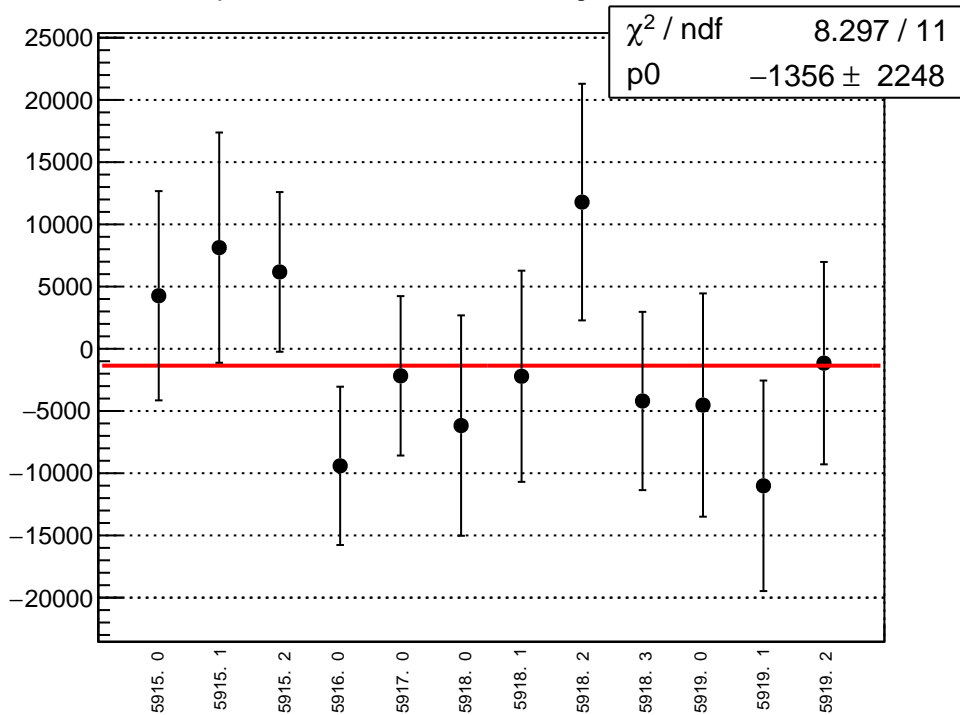
asym\_sam\_12345678\_avg\_correction\_mean vs run



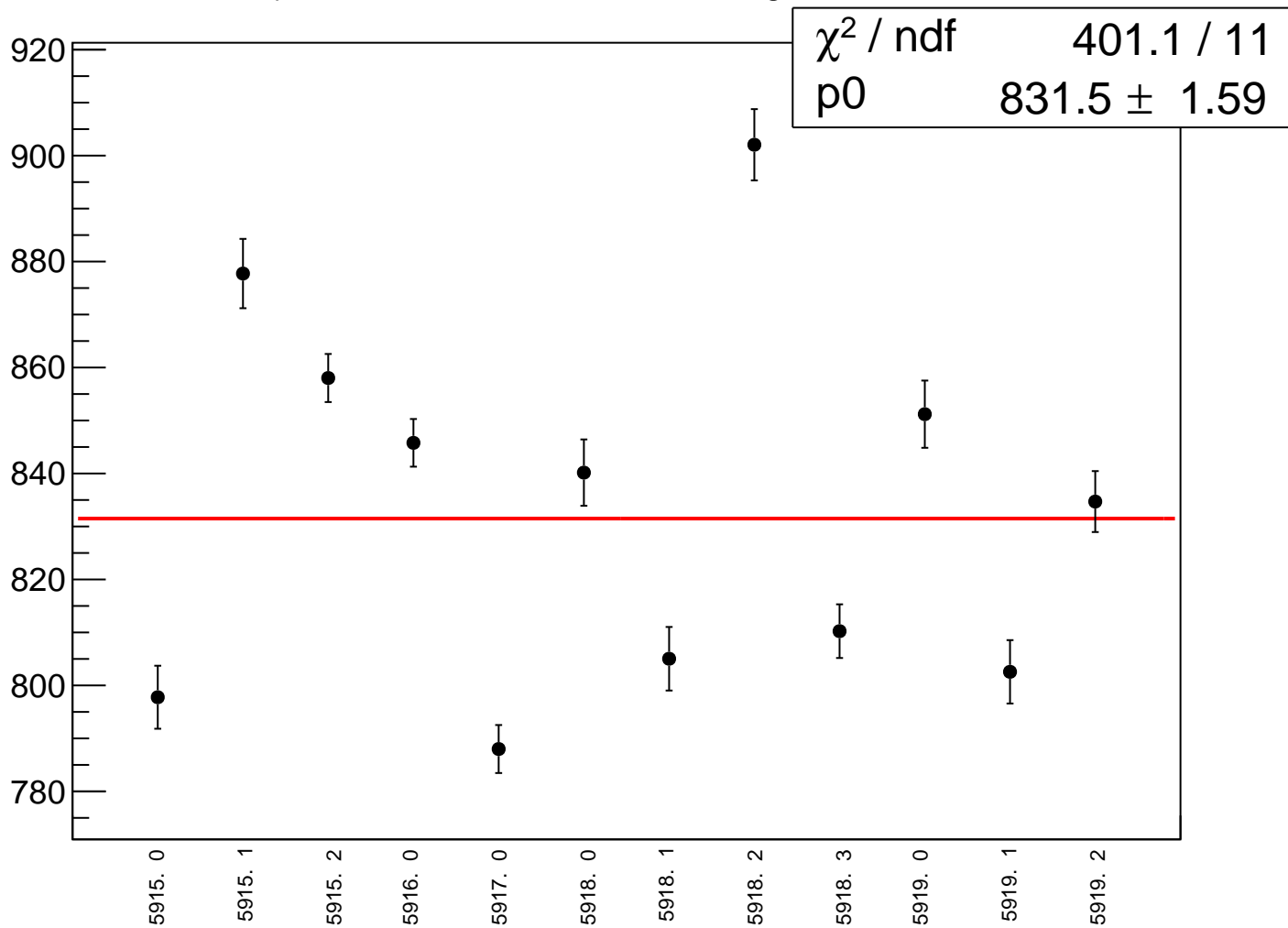
asym\_sam\_12345678\_avg\_correction\_rms vs run



# asym\_sam\_12345678\_avg\_mean vs run

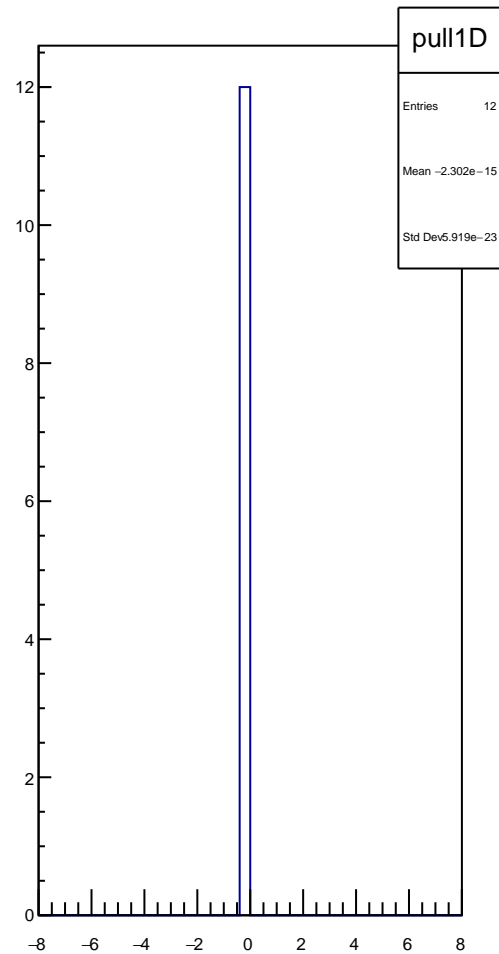
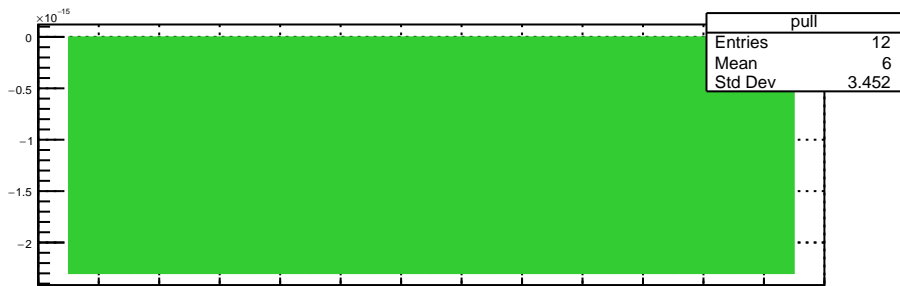
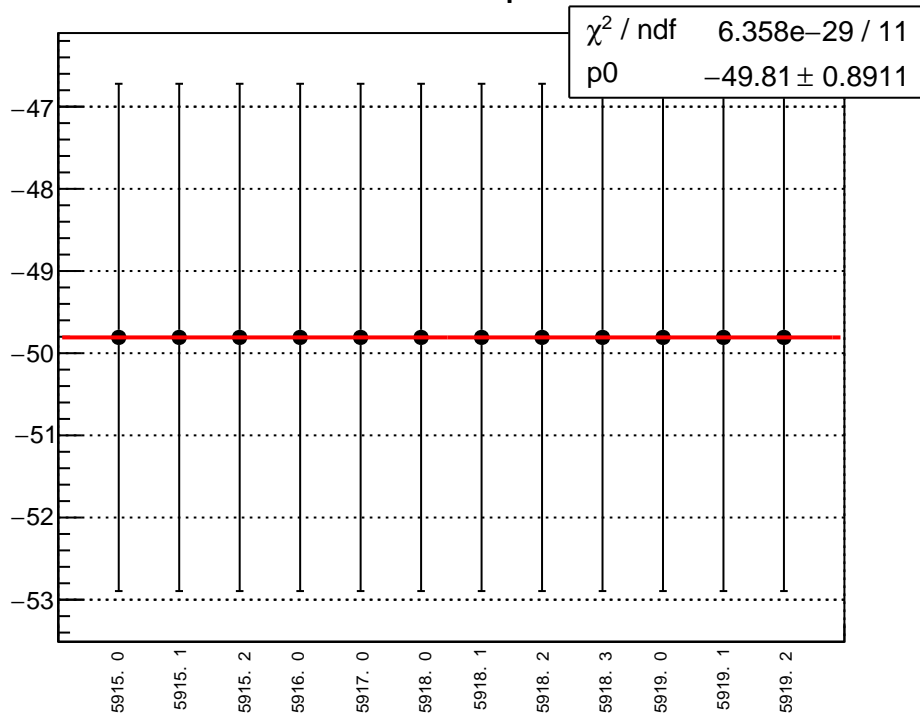


# asym\_sam\_12345678\_avg\_rms vs run

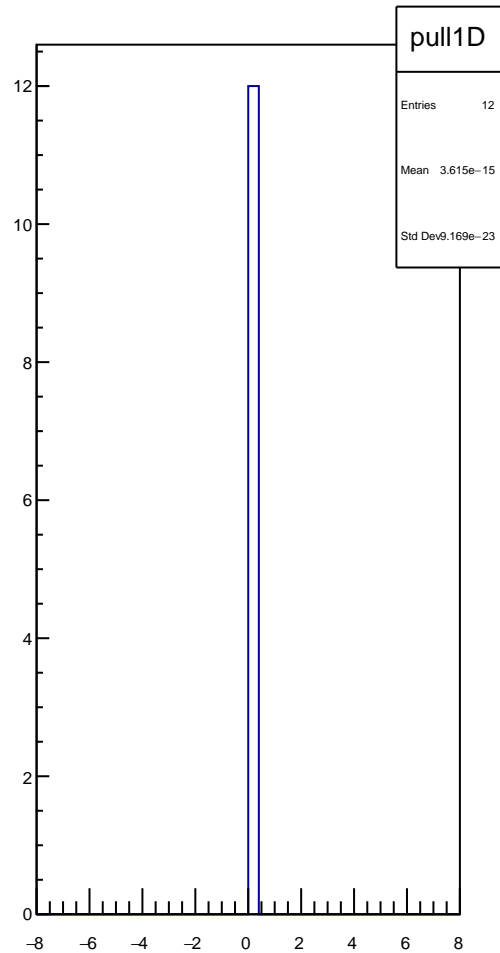
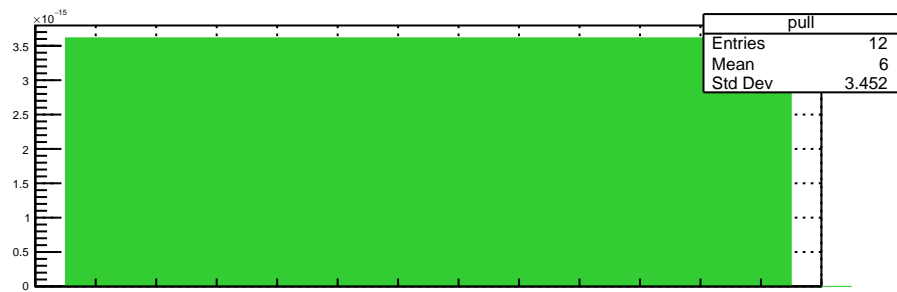
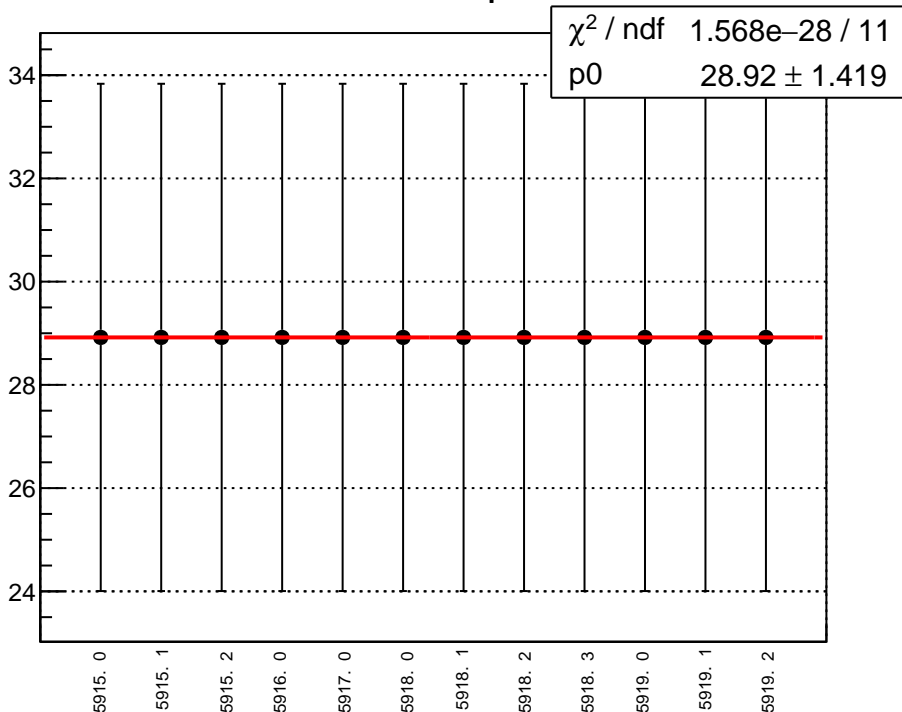




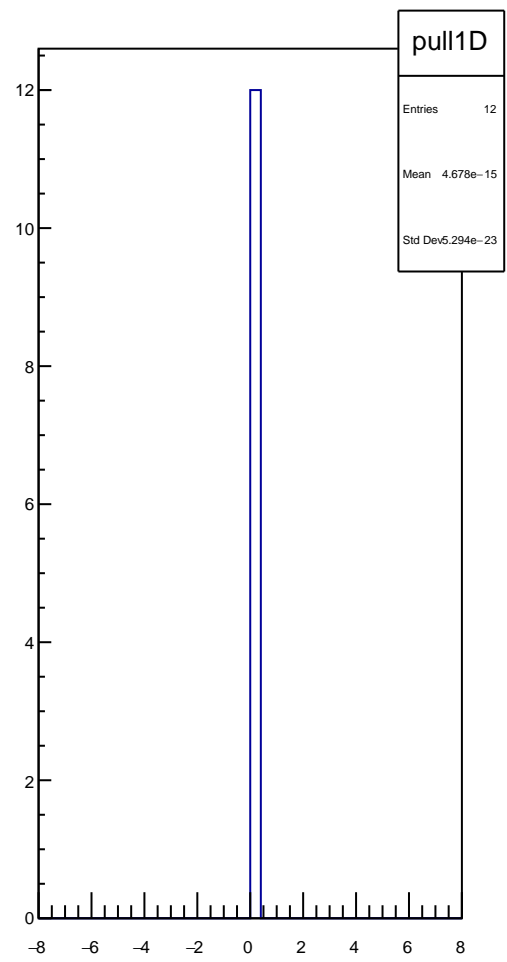
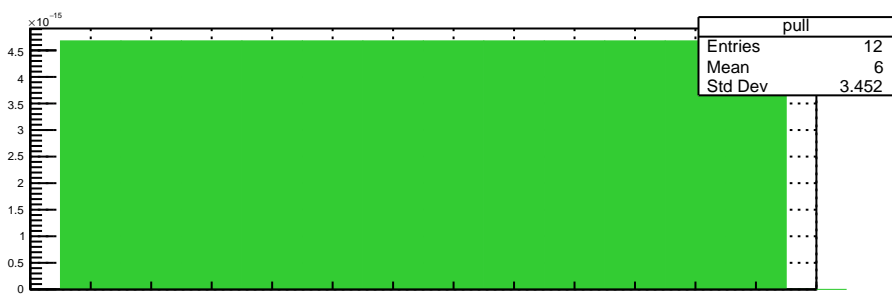
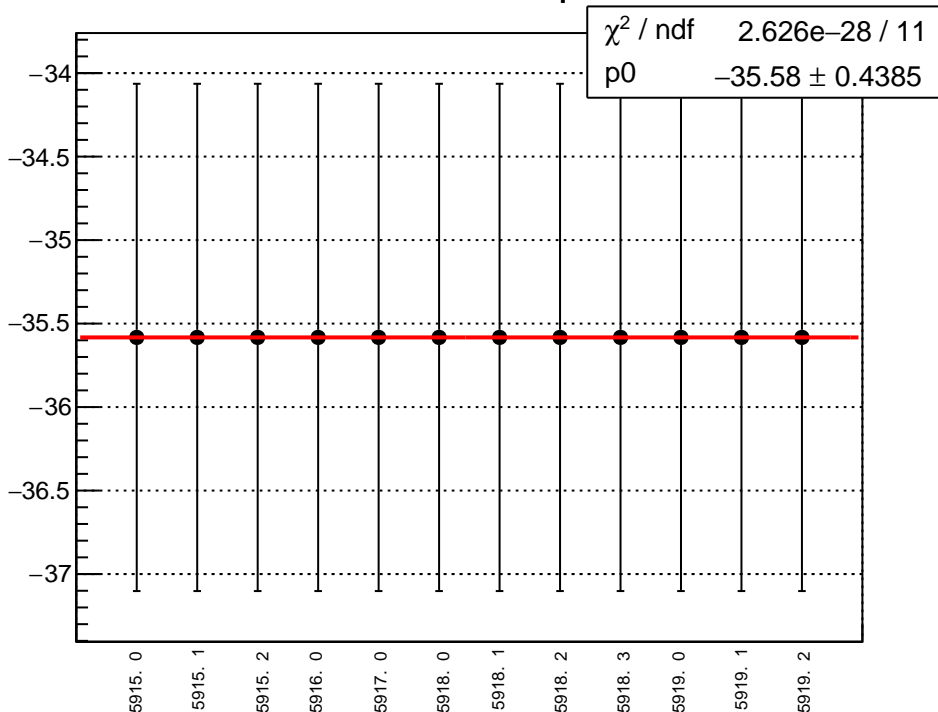
# dit\_usl\_4aX\_slope vs run



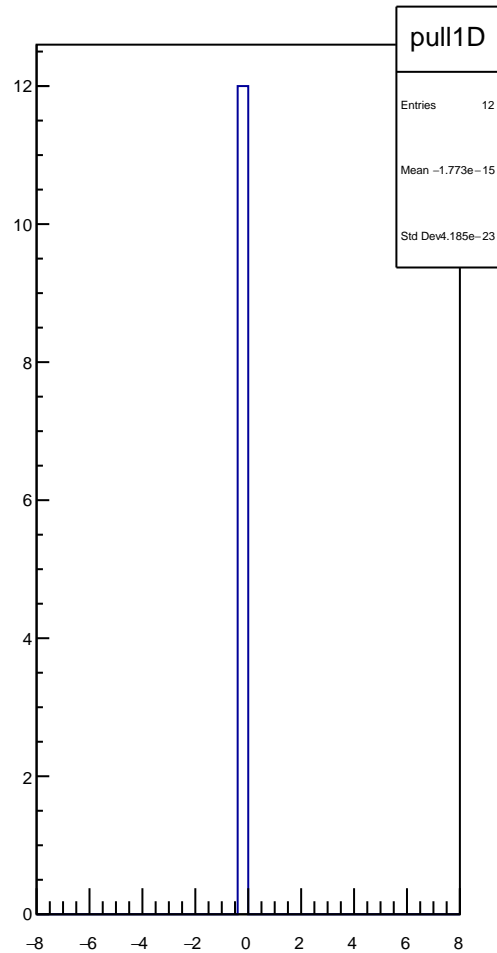
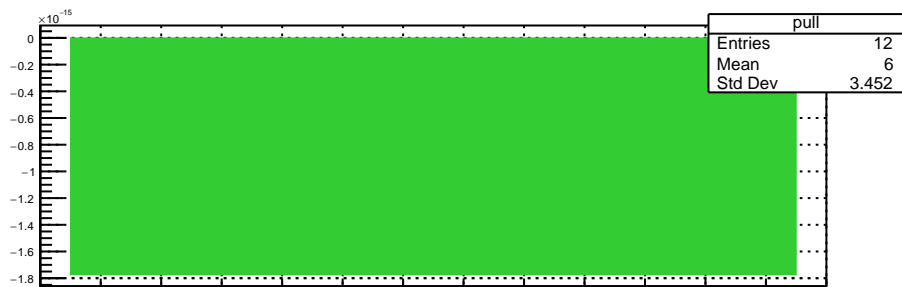
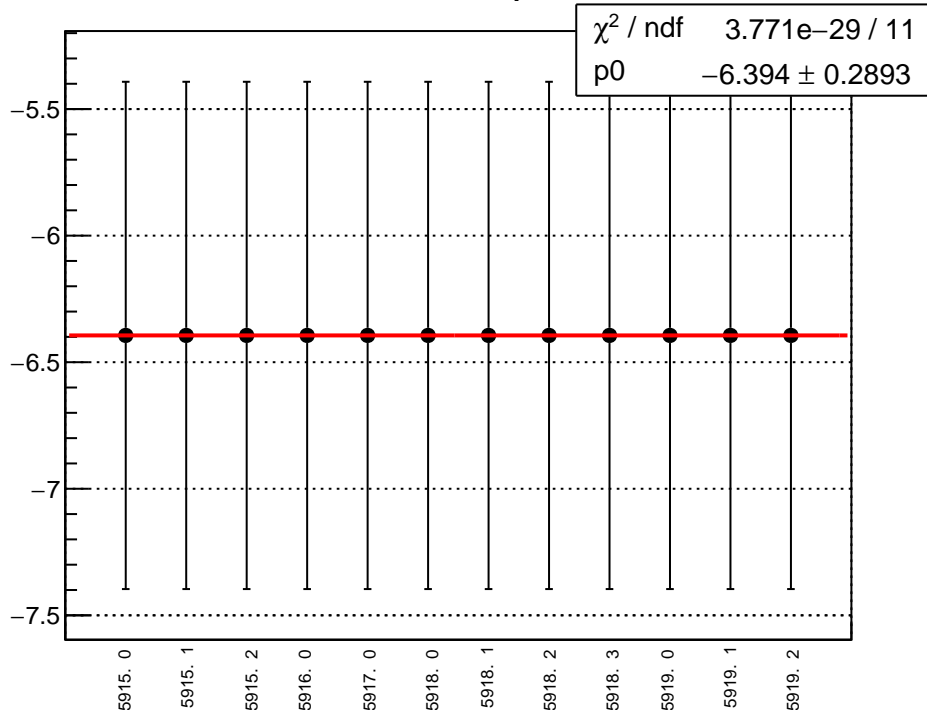
# dit\_usl\_4eX\_slope vs run



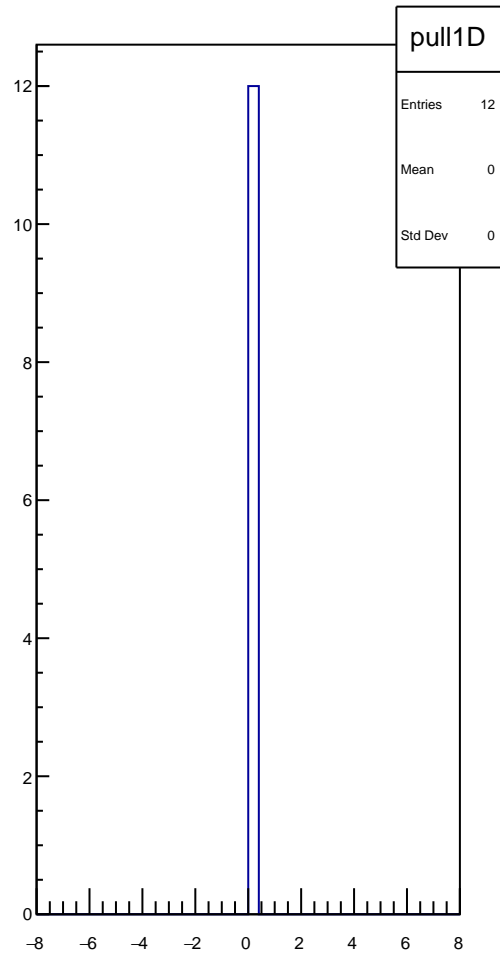
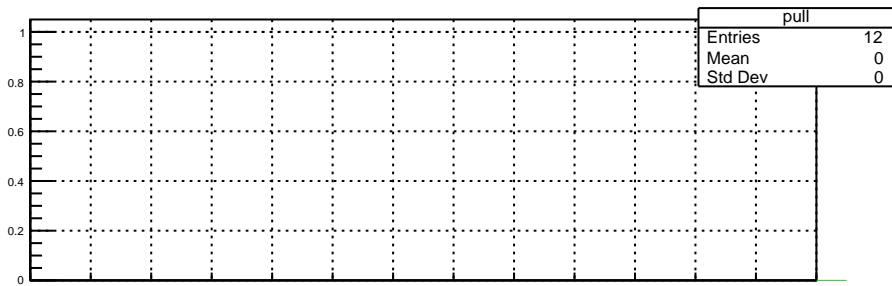
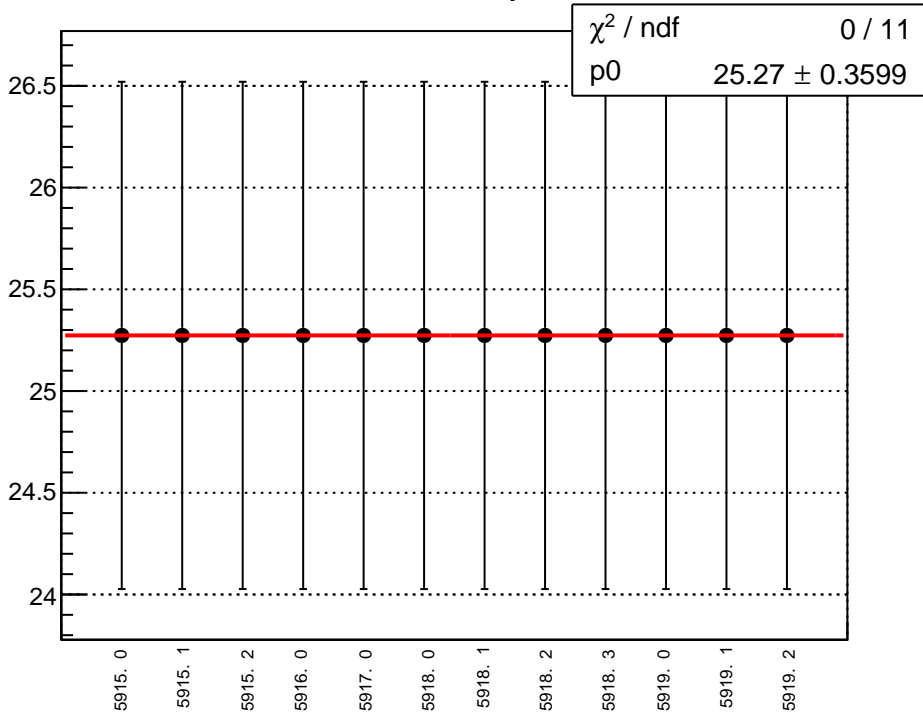
# dit\_usl\_11X12X\_slope vs run



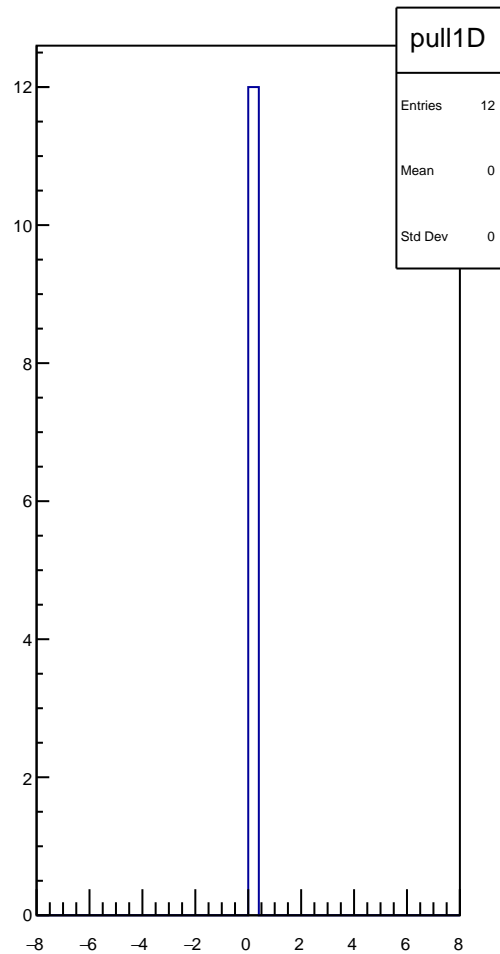
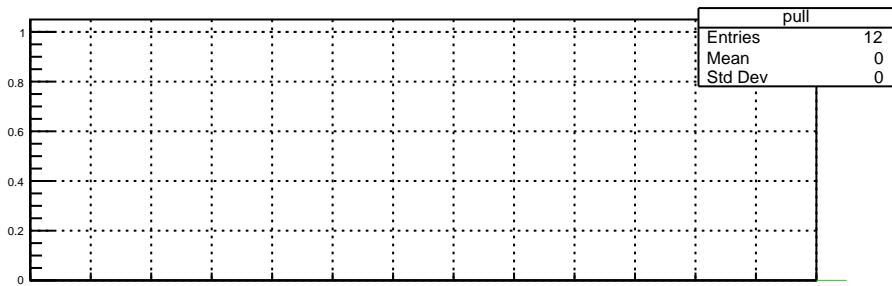
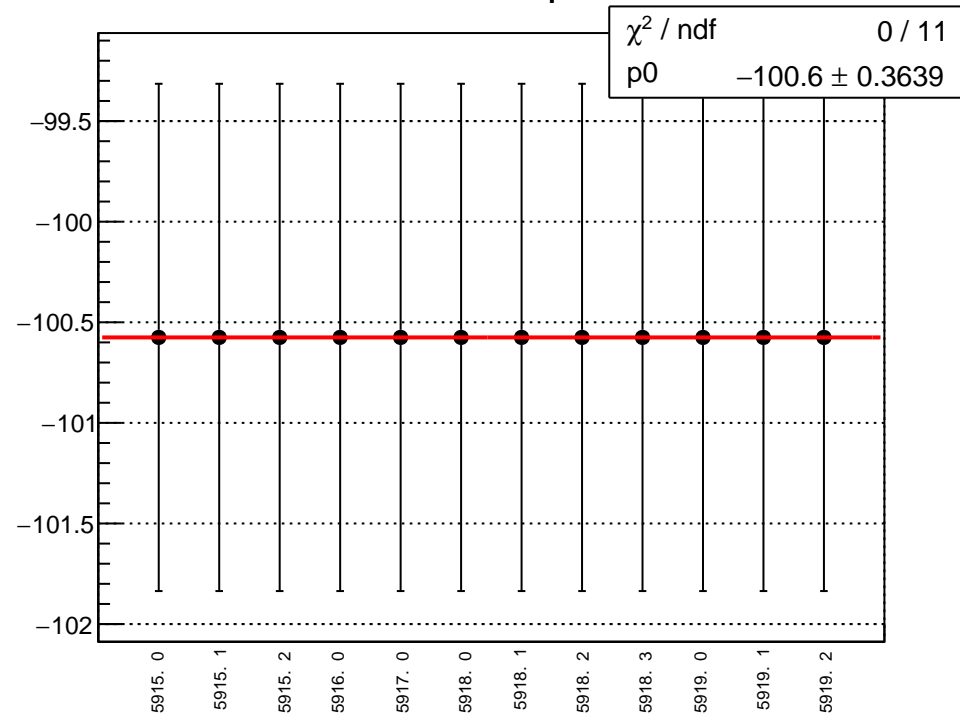
# dit\_usl\_4aY\_slope vs run



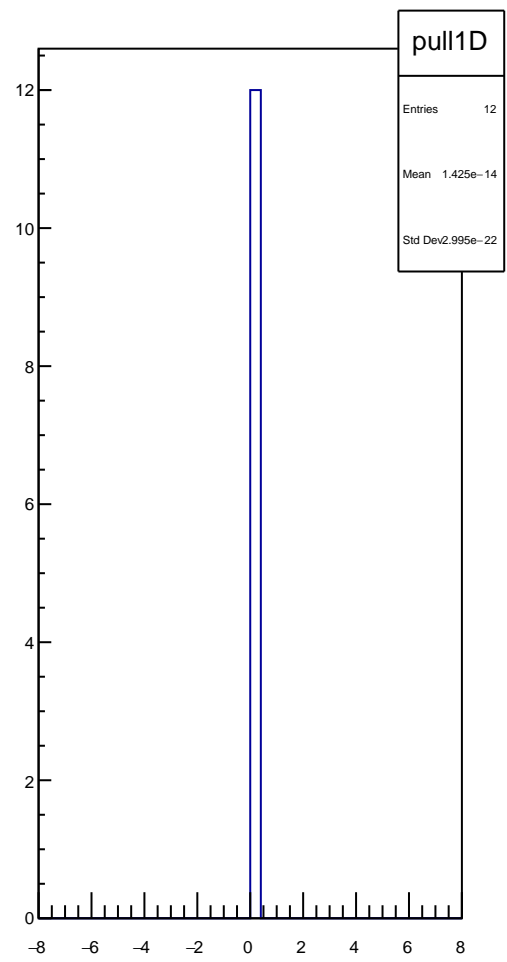
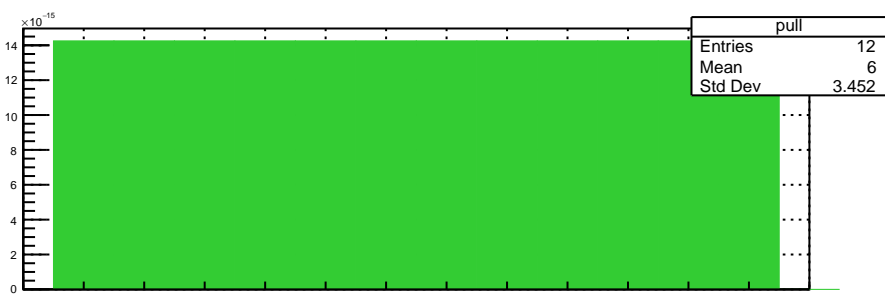
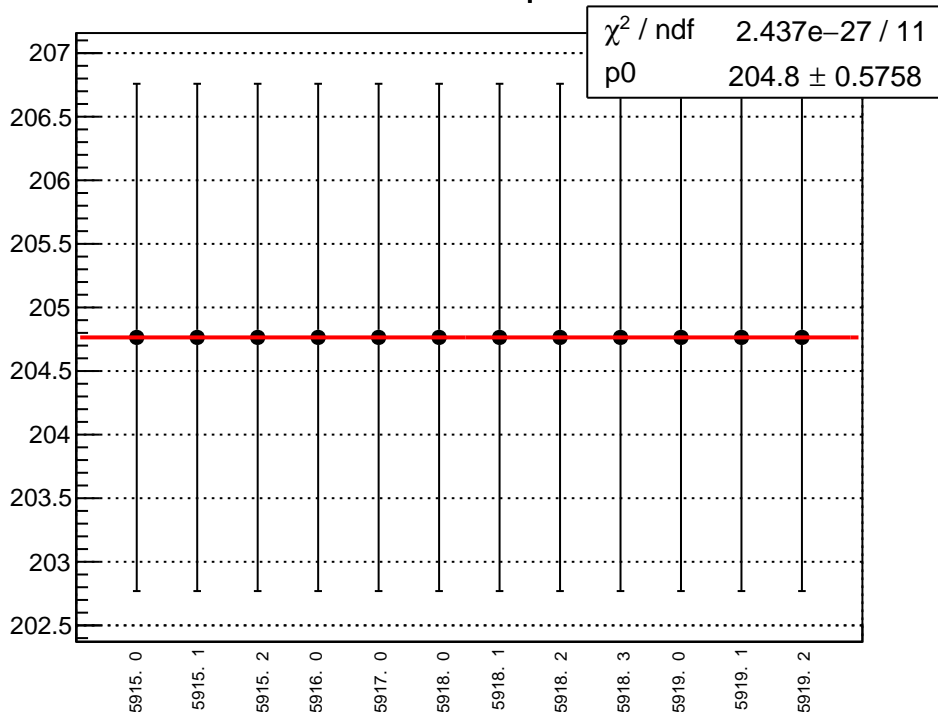
# dit\_usl\_4eY\_slope vs run



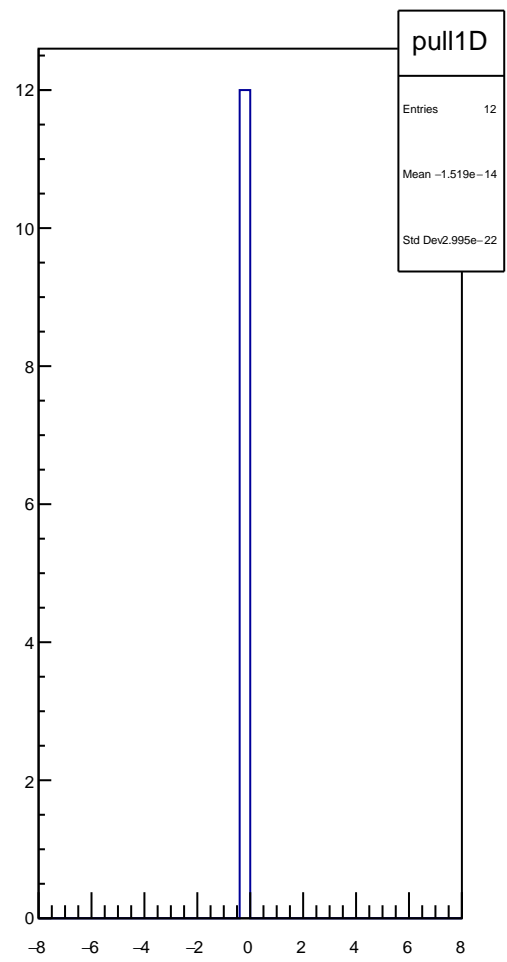
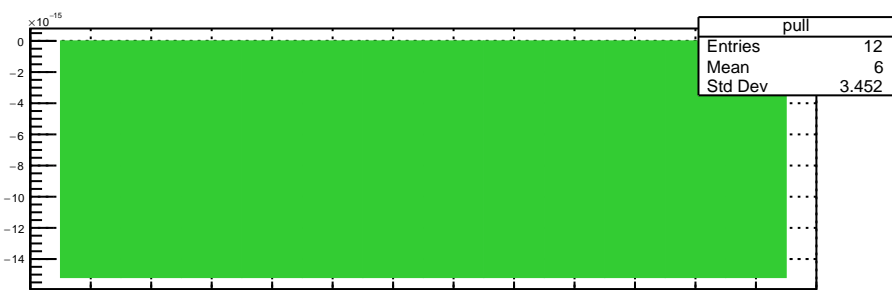
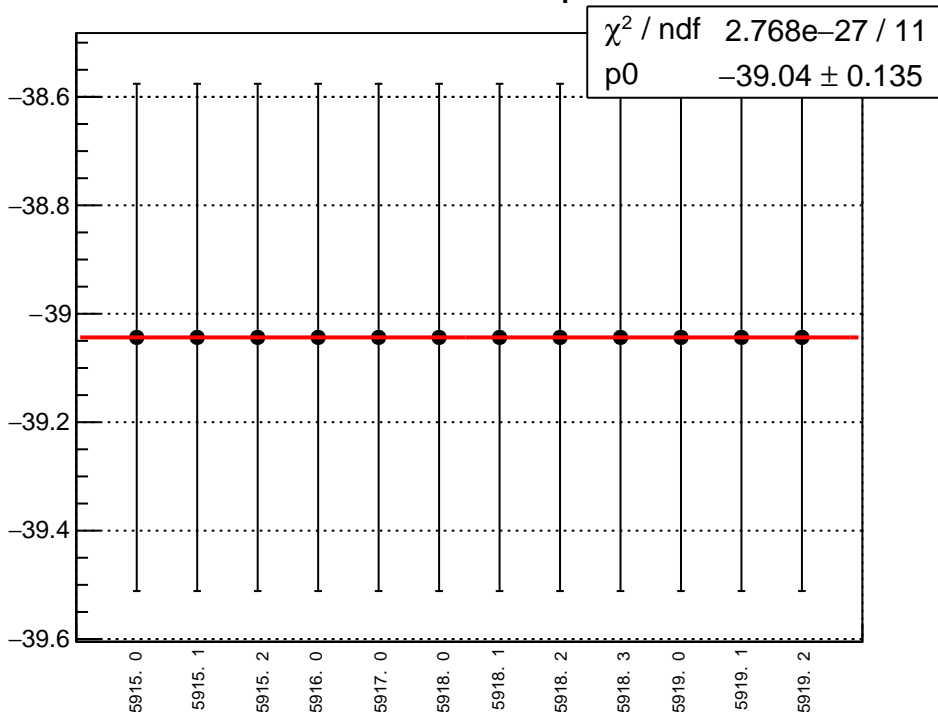
# dit\_usr\_4aX\_slope vs run



# dit\_usr\_4eX\_slope vs run

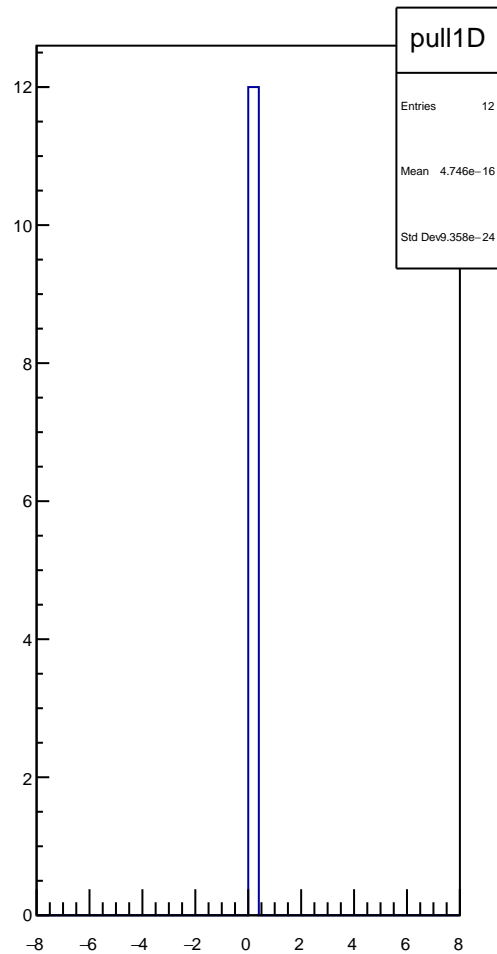
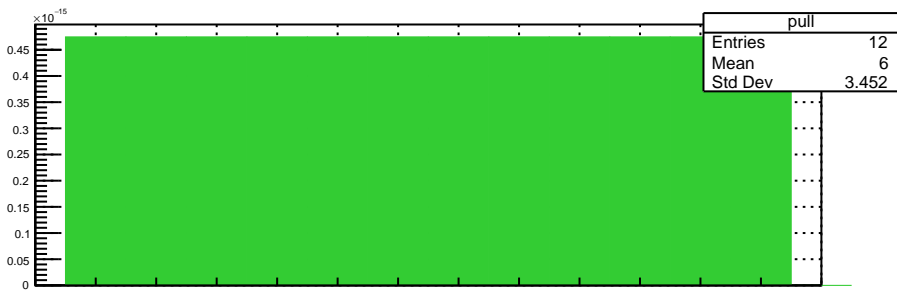
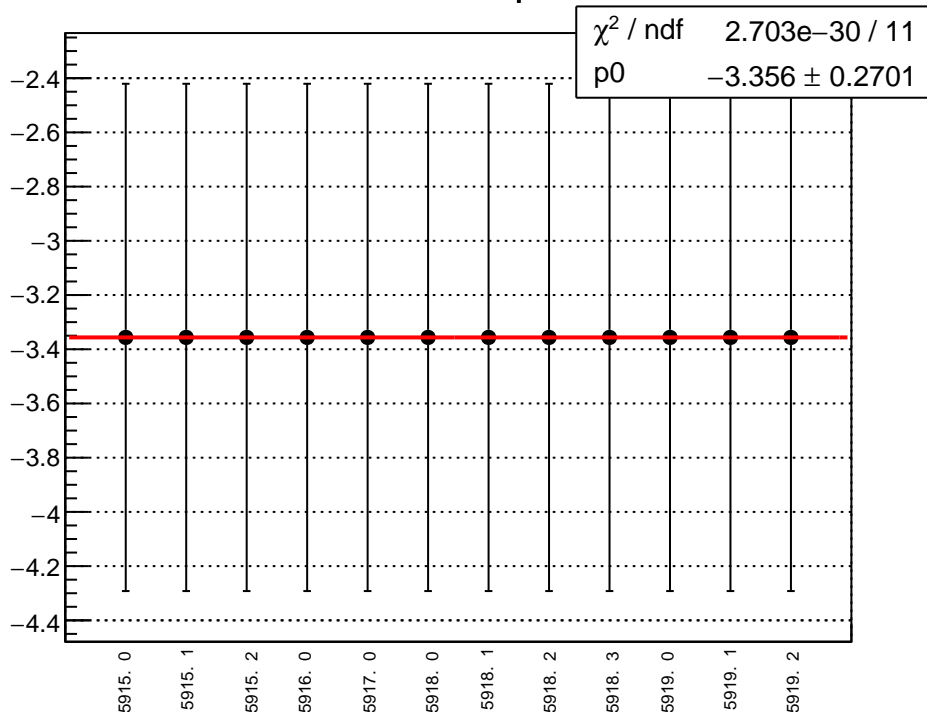


# dit\_usr\_11X12X\_slope vs run

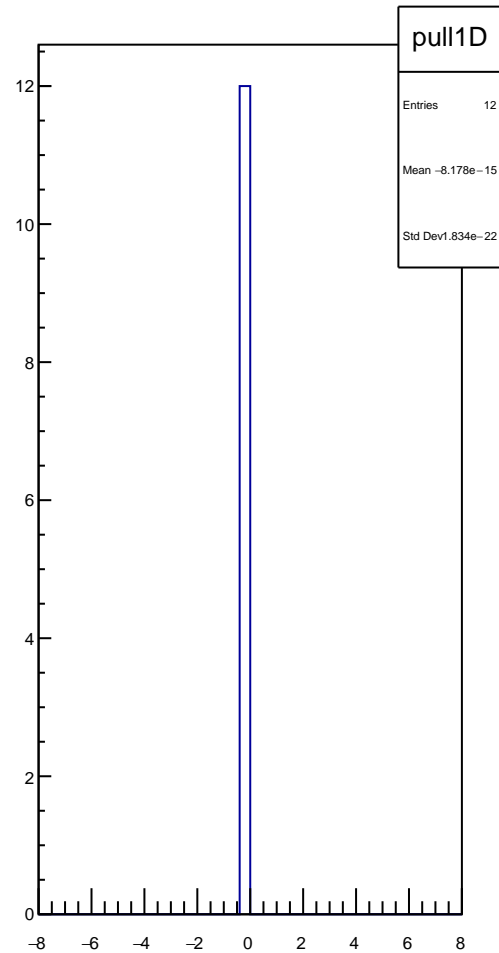
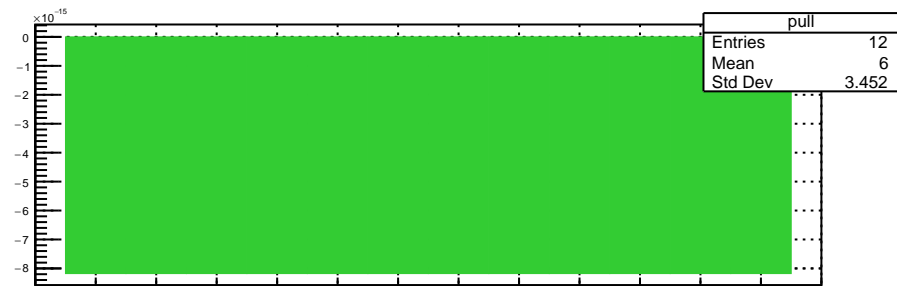
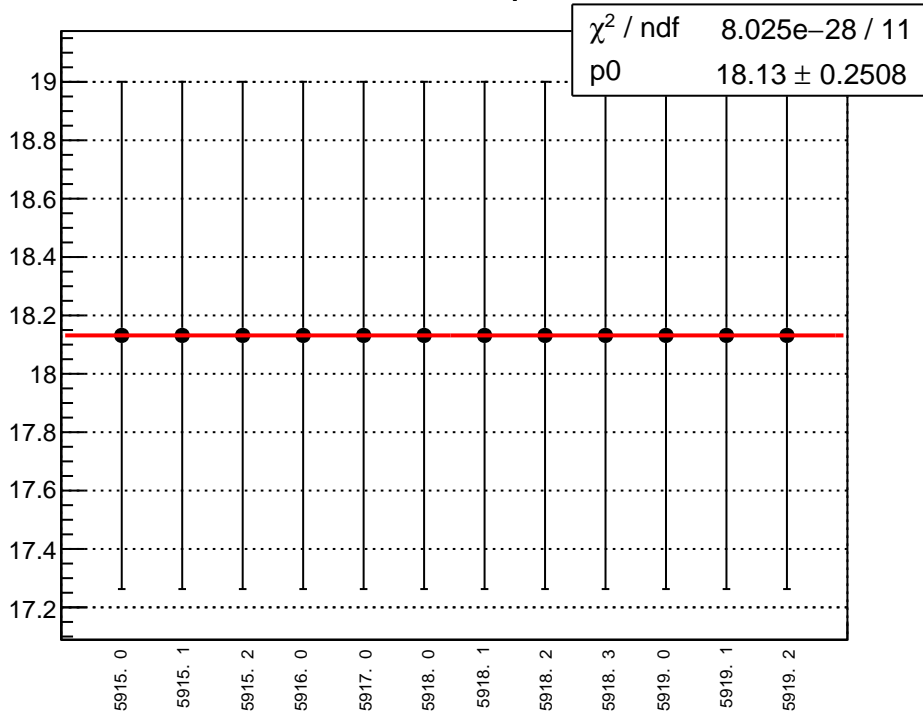




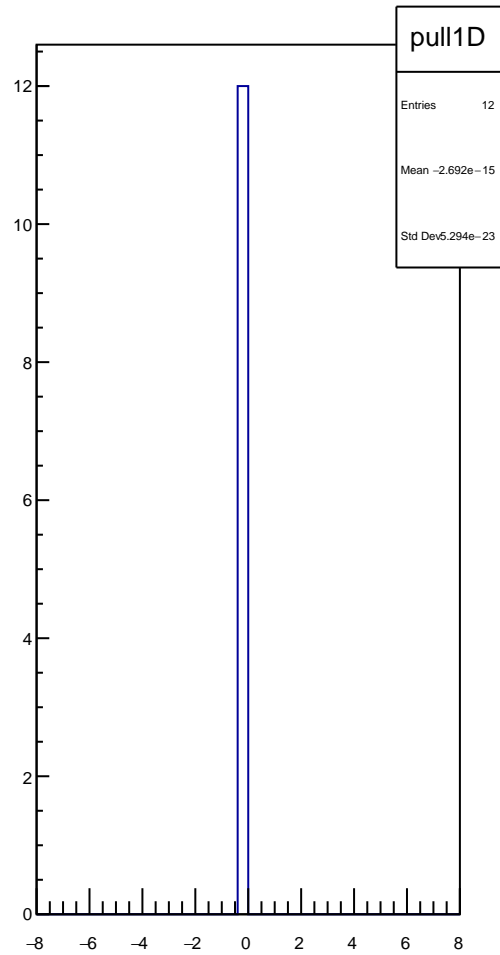
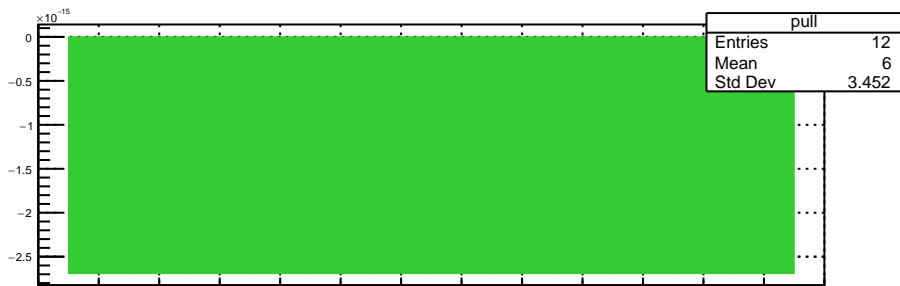
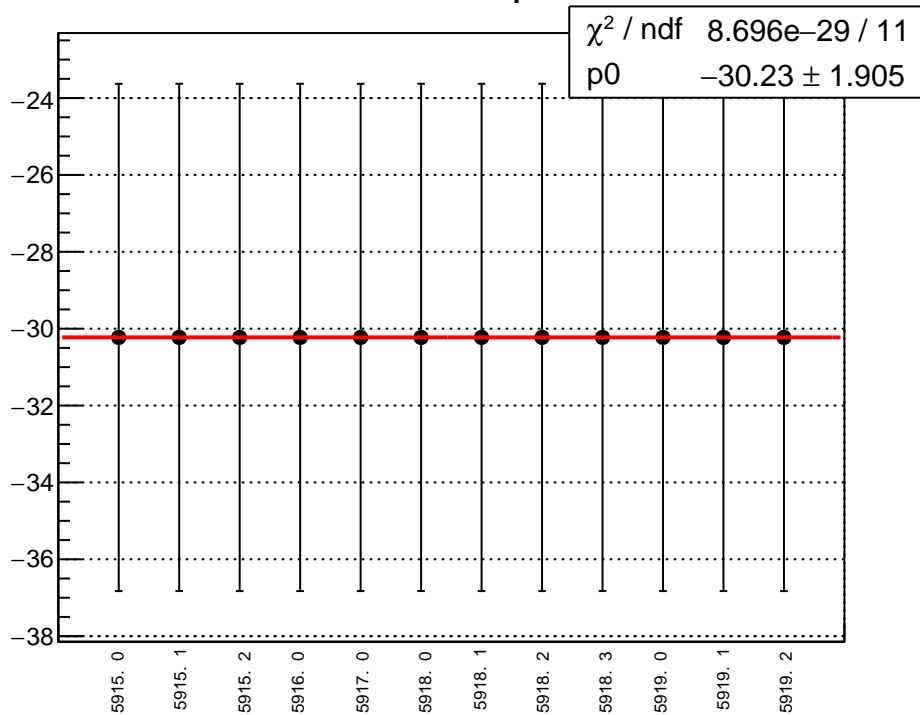
# dit\_usr\_4aY\_slope vs run



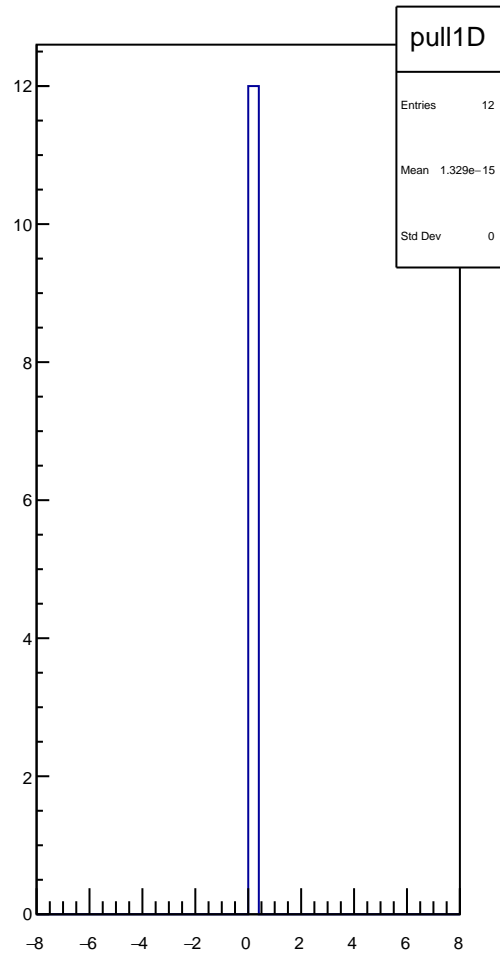
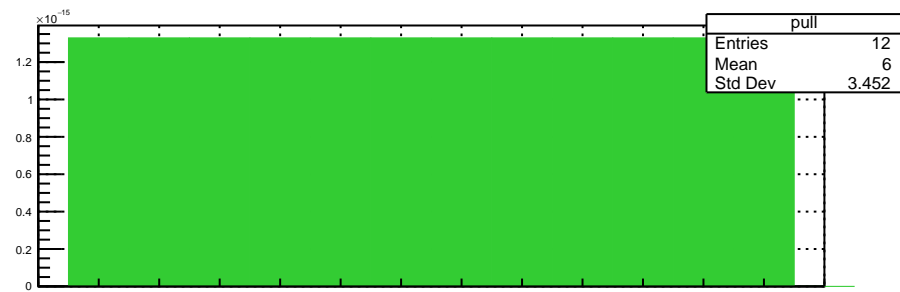
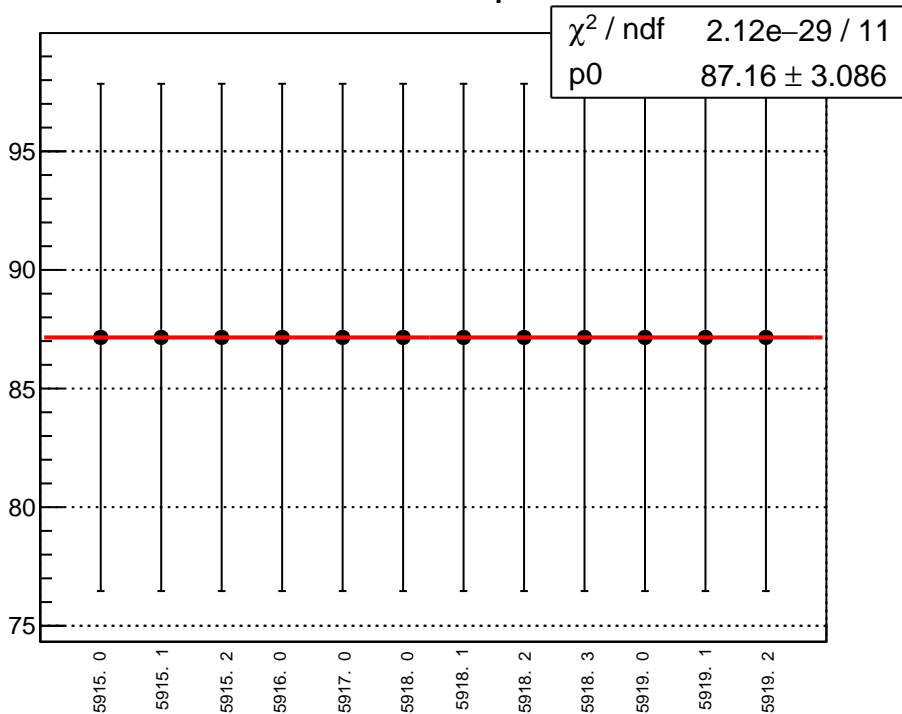
# dit\_usr\_4eY\_slope vs run



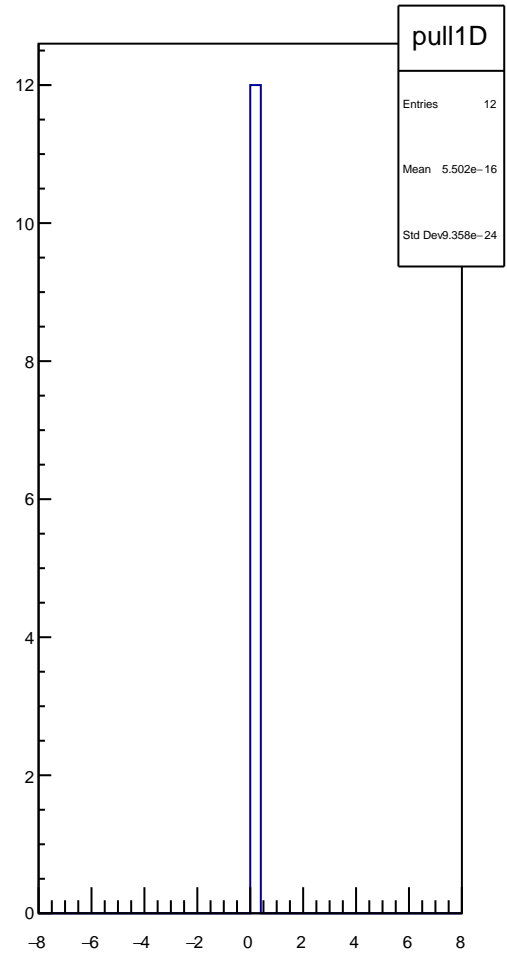
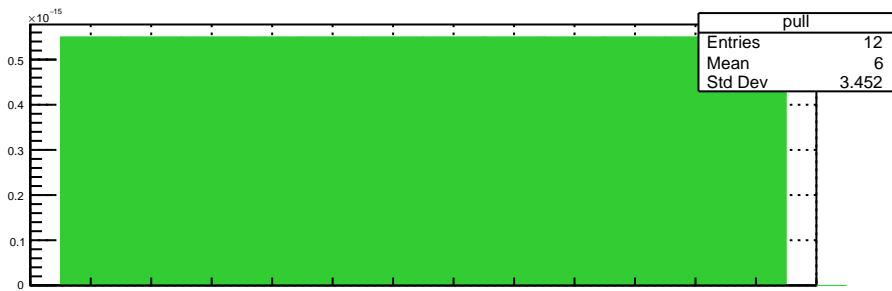
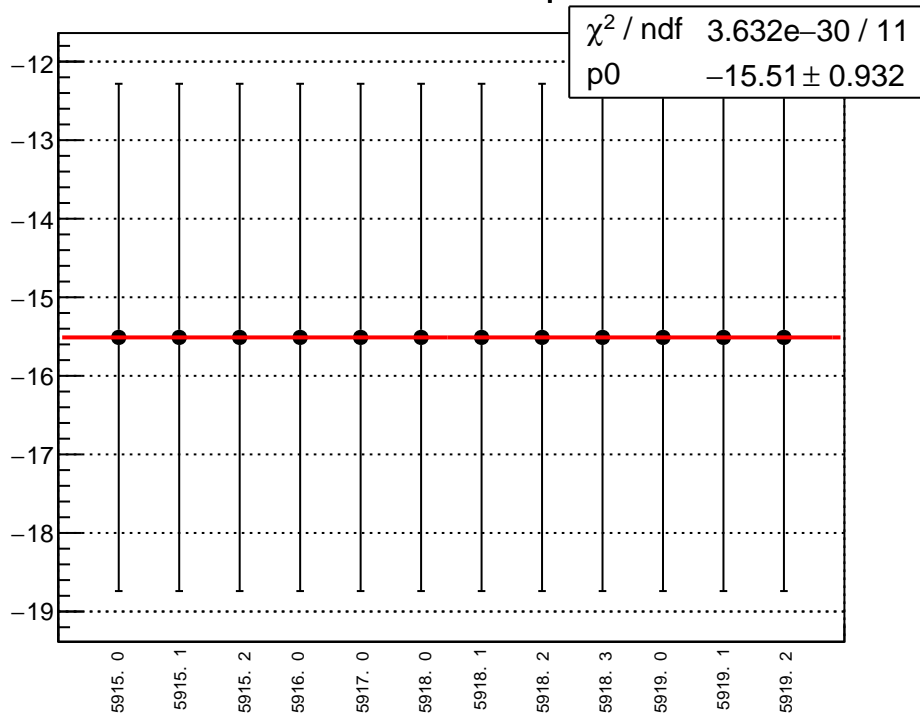
# dit\_atl1\_4aX\_slope vs run



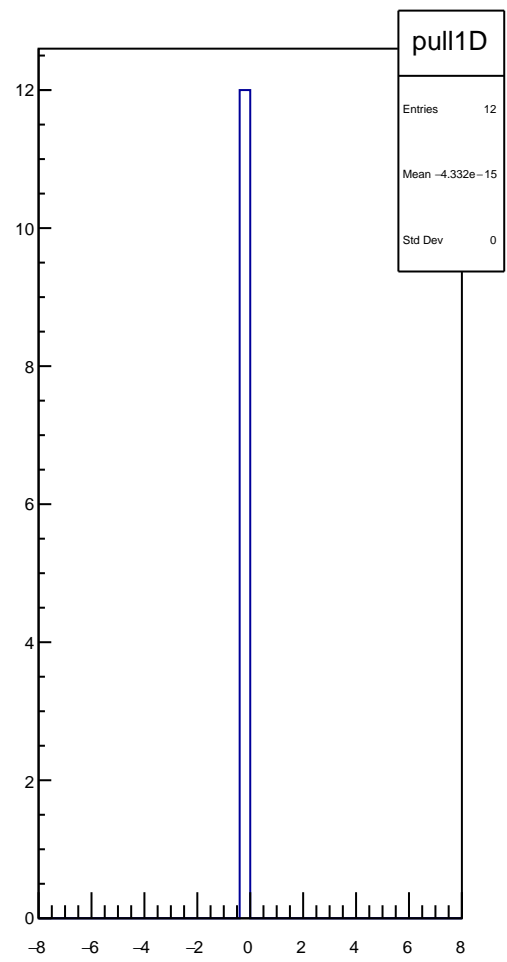
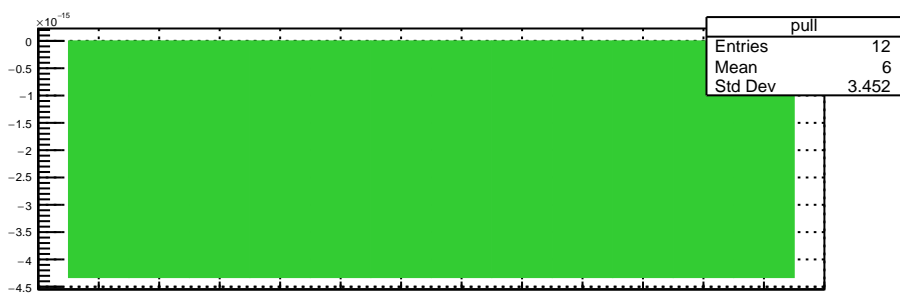
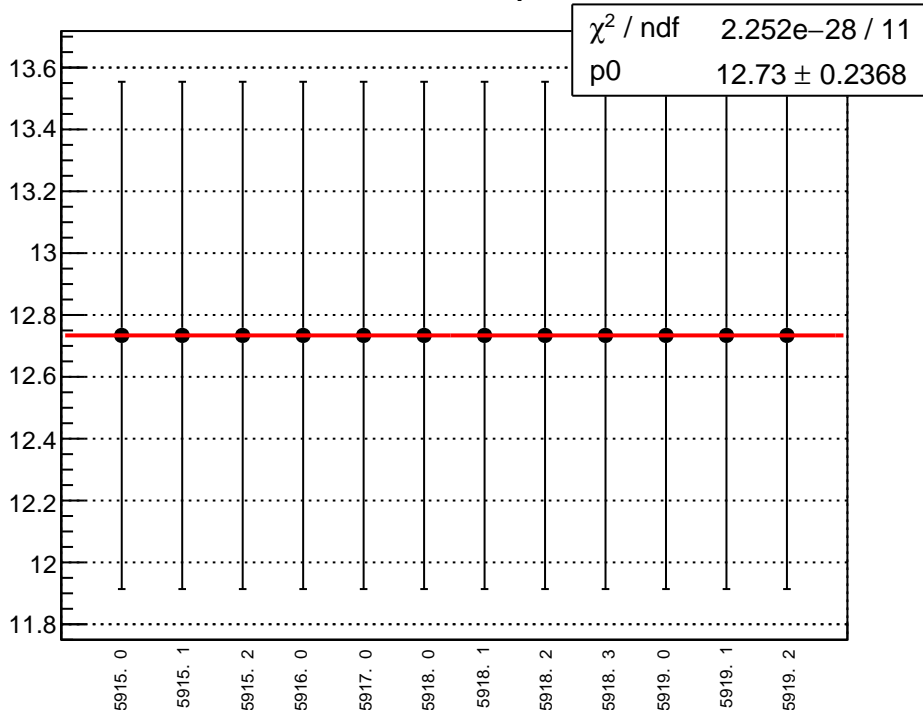
# dit\_atl1\_4eX\_slope vs run



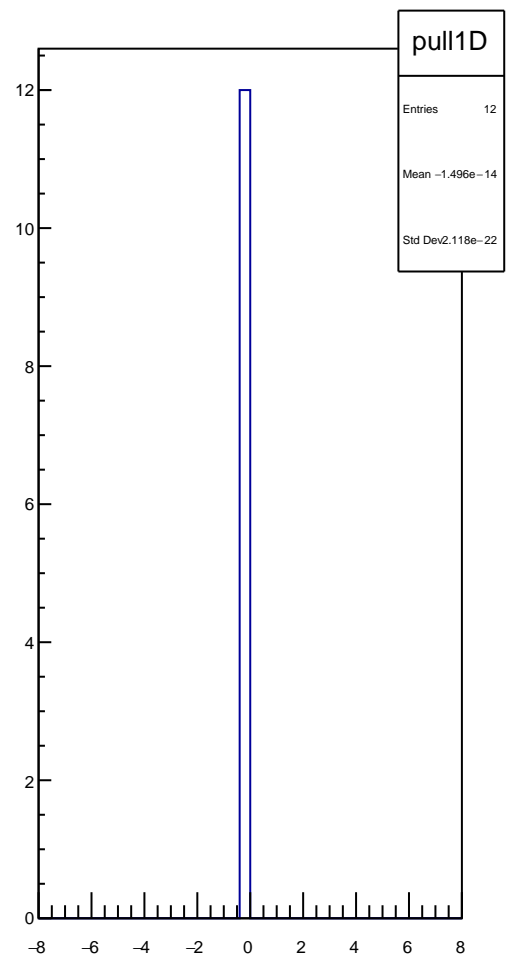
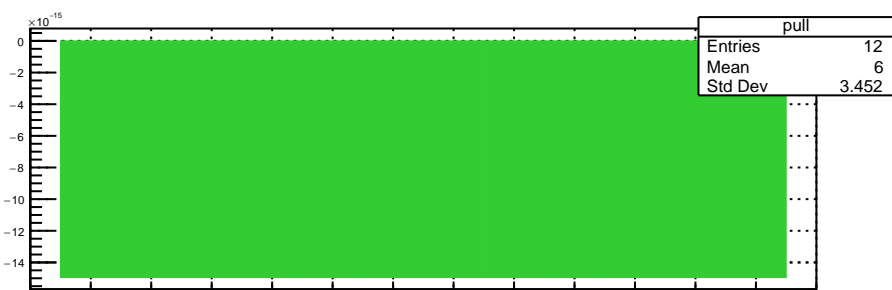
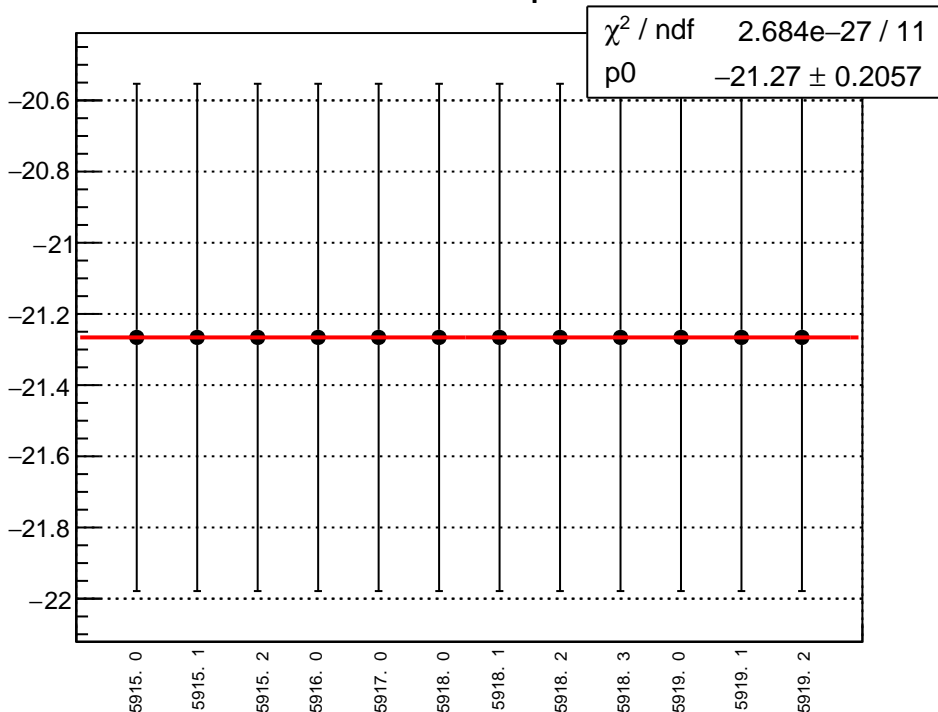
# dit\_atl1\_11X12X\_slope vs run



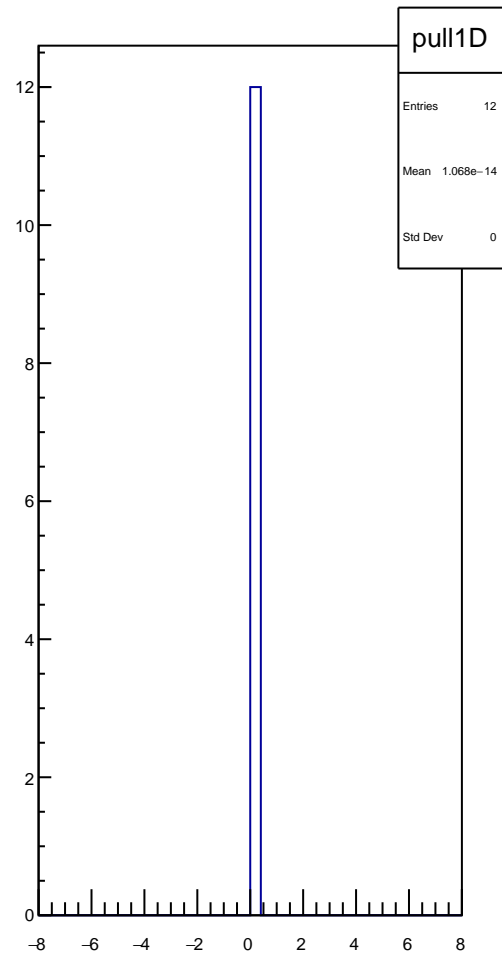
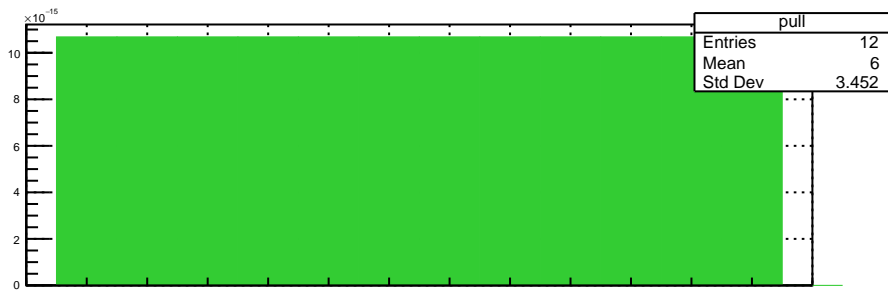
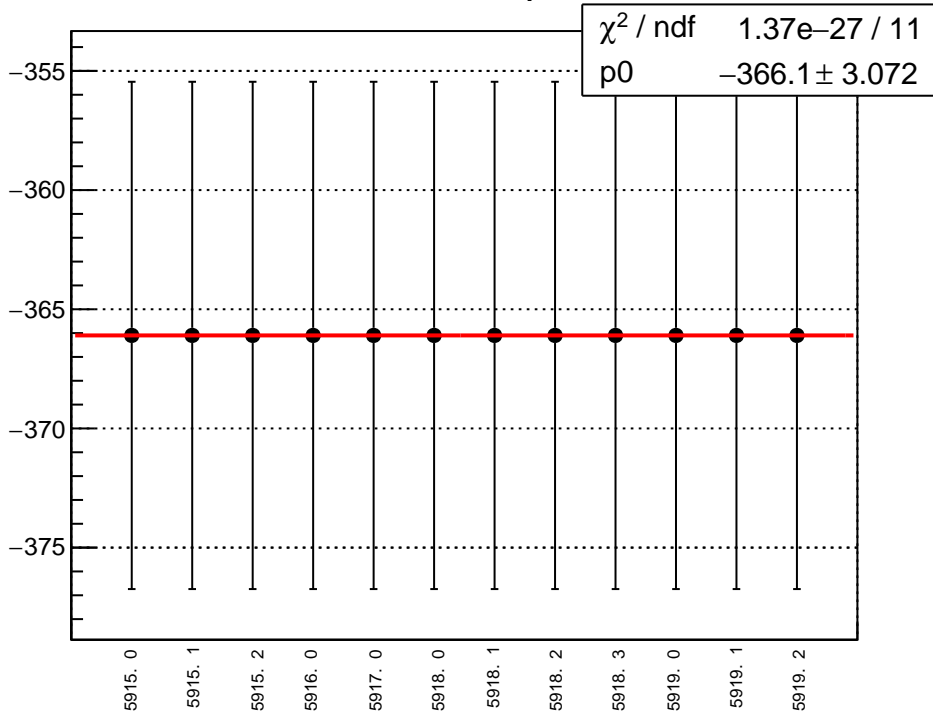
# dit\_atl1\_4aY\_slope vs run



# dit\_atl1\_4eY\_slope vs run

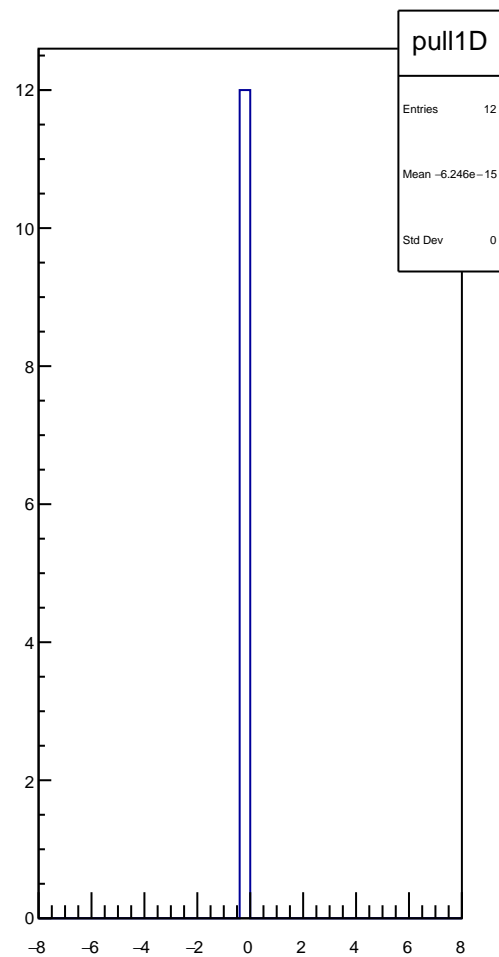
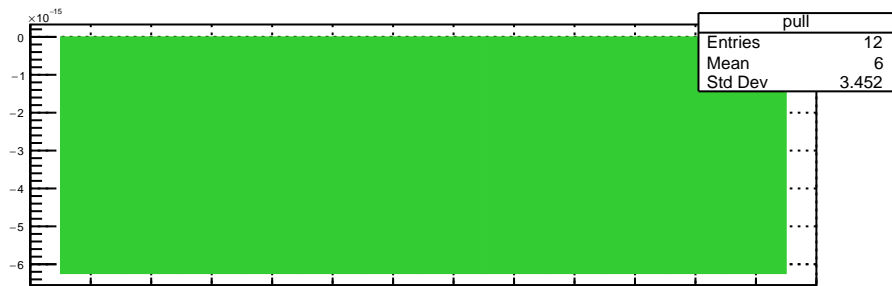
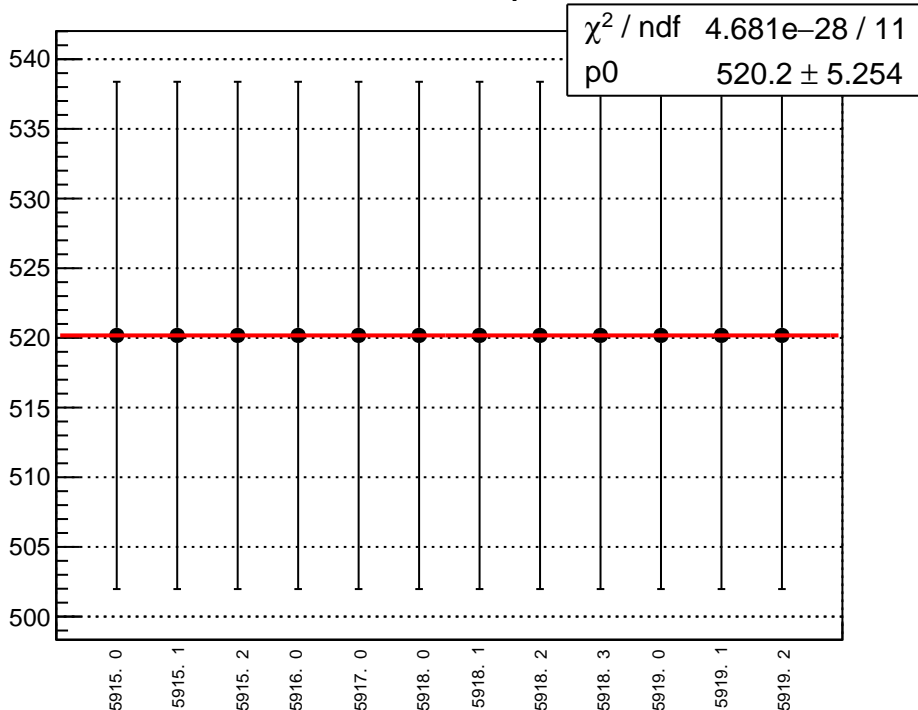


# dit\_atl2\_4aX\_slope vs run

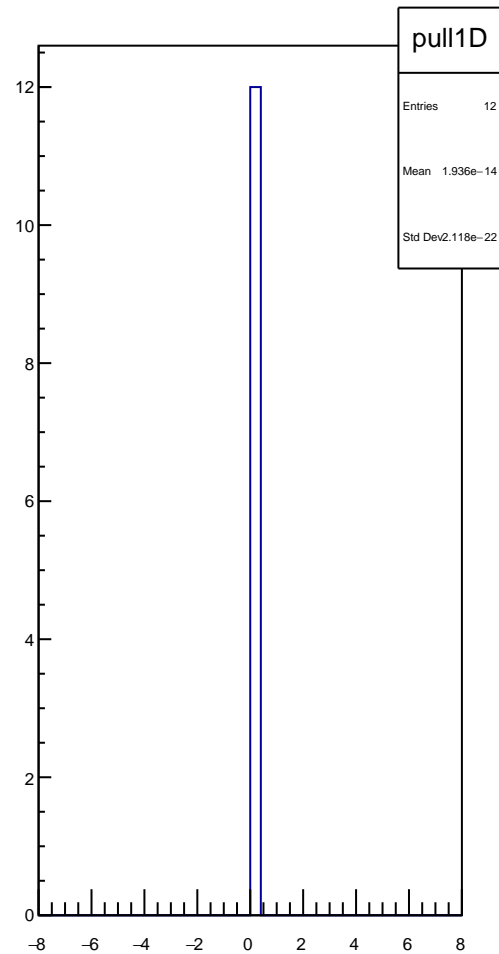
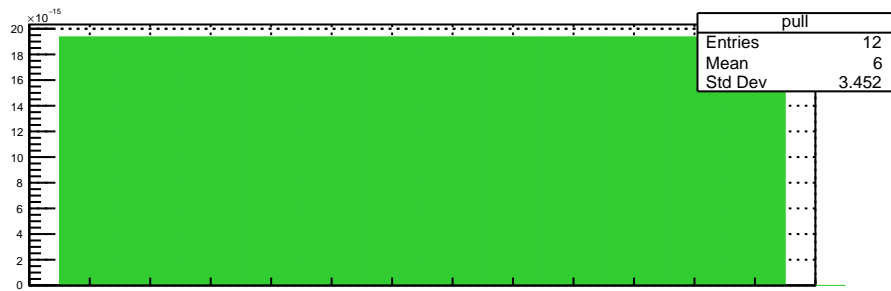
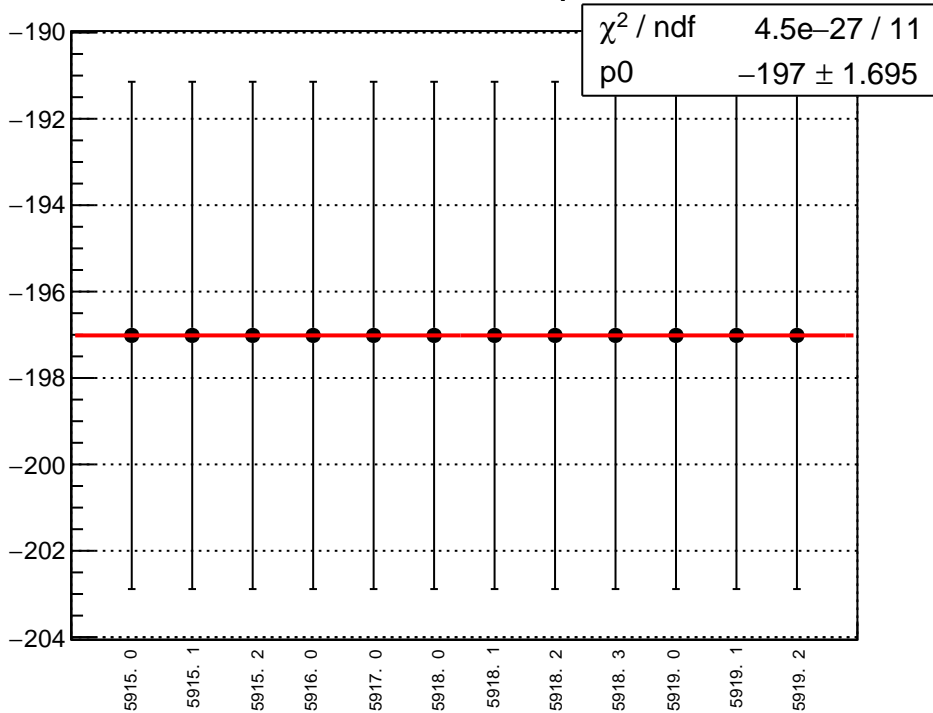




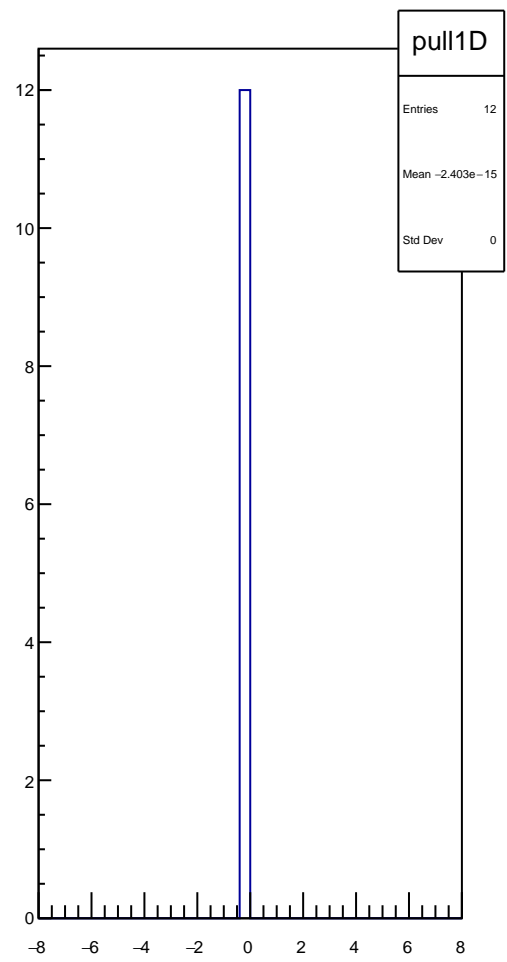
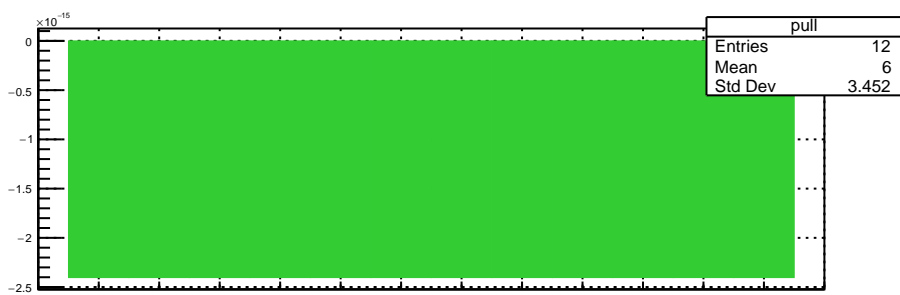
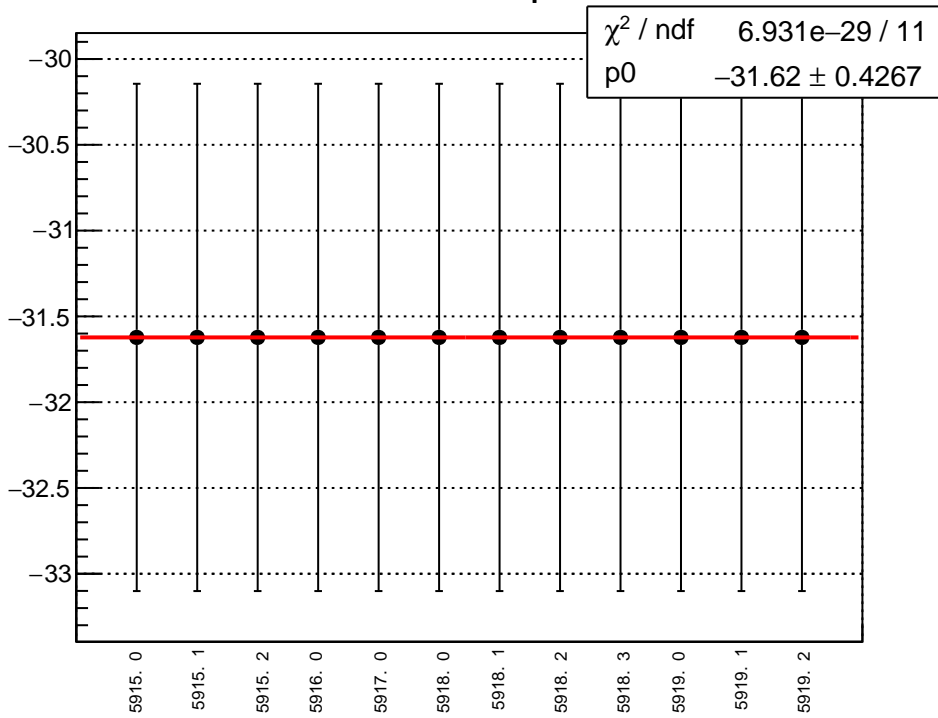
# dit\_atl2\_4eX\_slope vs run



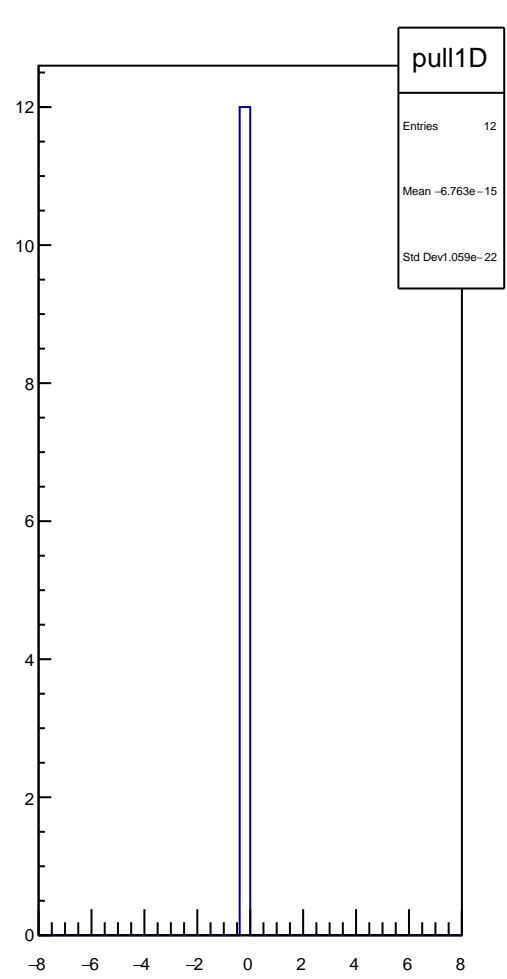
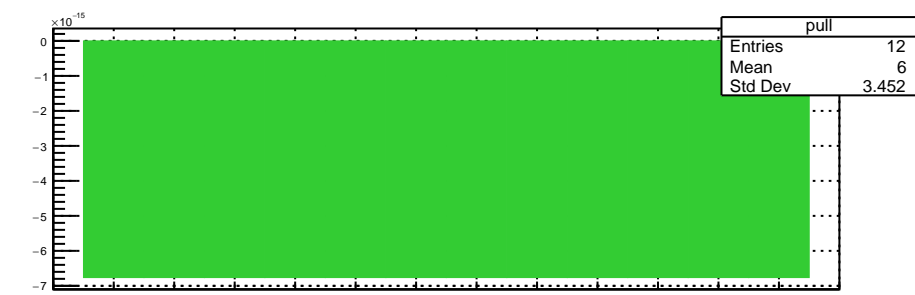
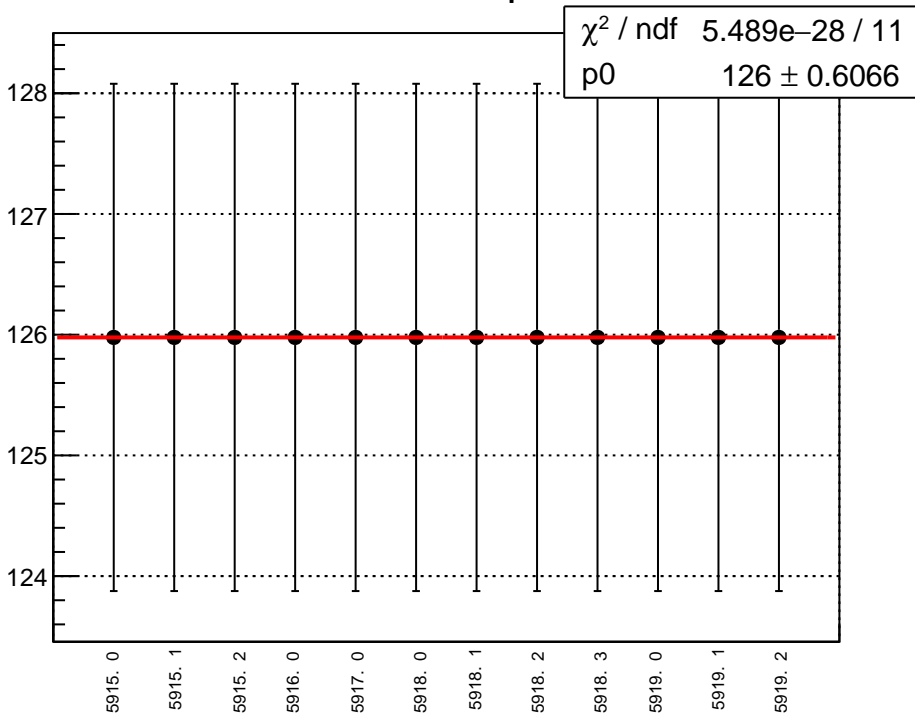
# dit\_atl2\_11X12X\_slope vs run



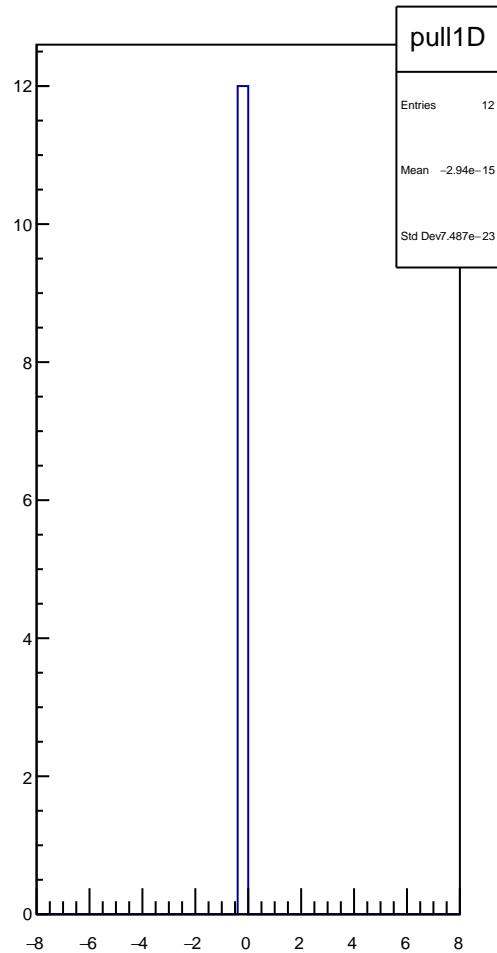
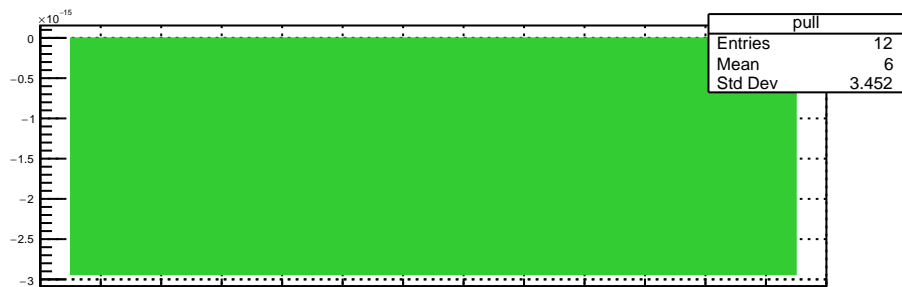
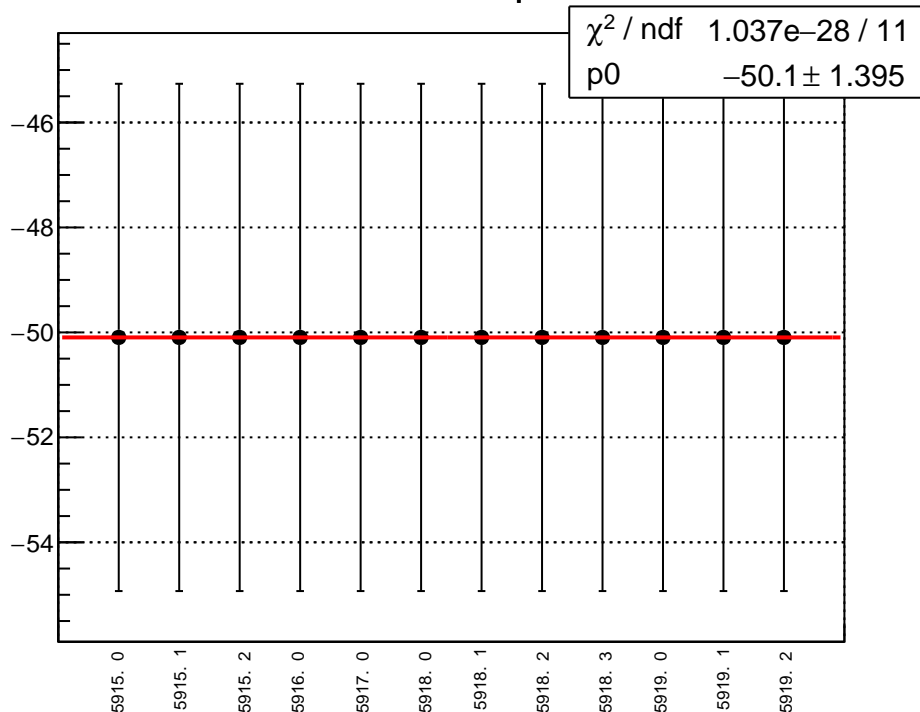
# dit\_atl2\_4aY\_slope vs run



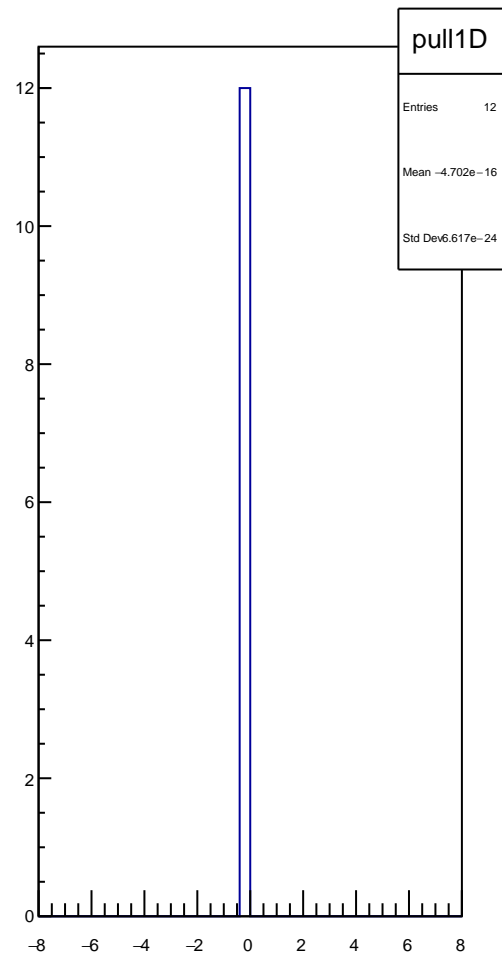
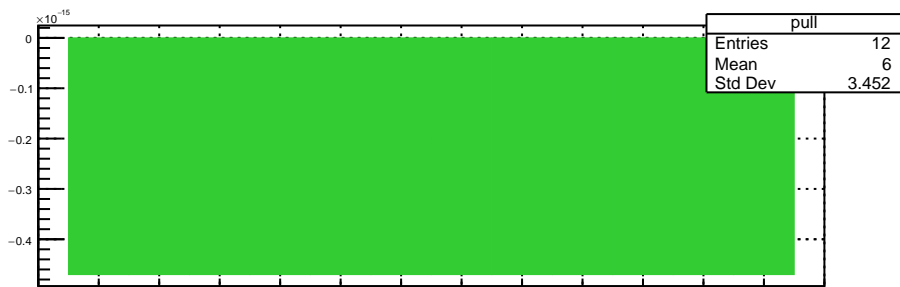
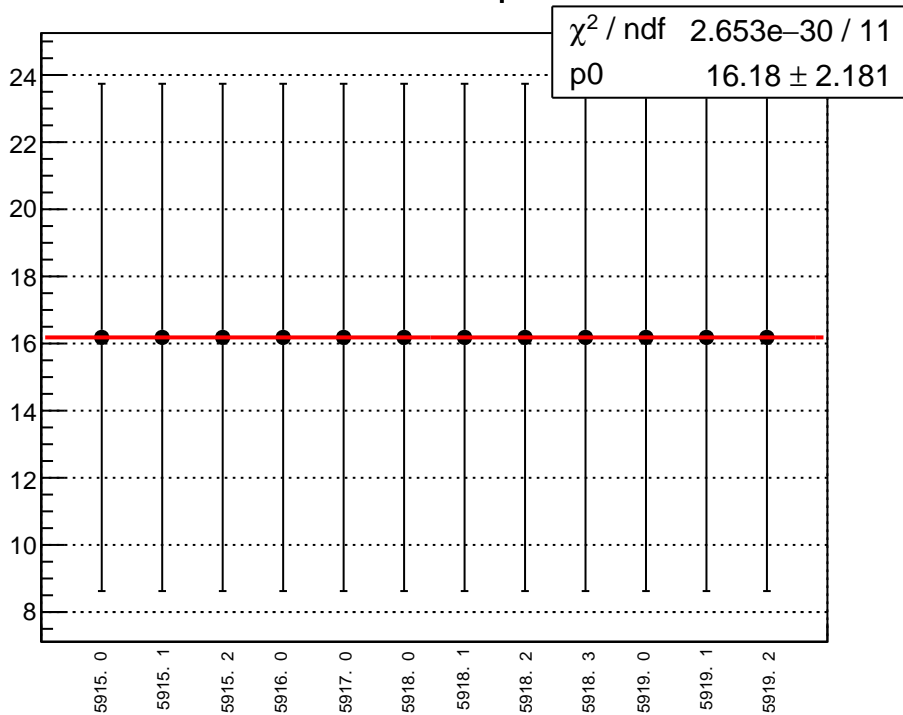
# dit\_atl2\_4eY\_slope vs run



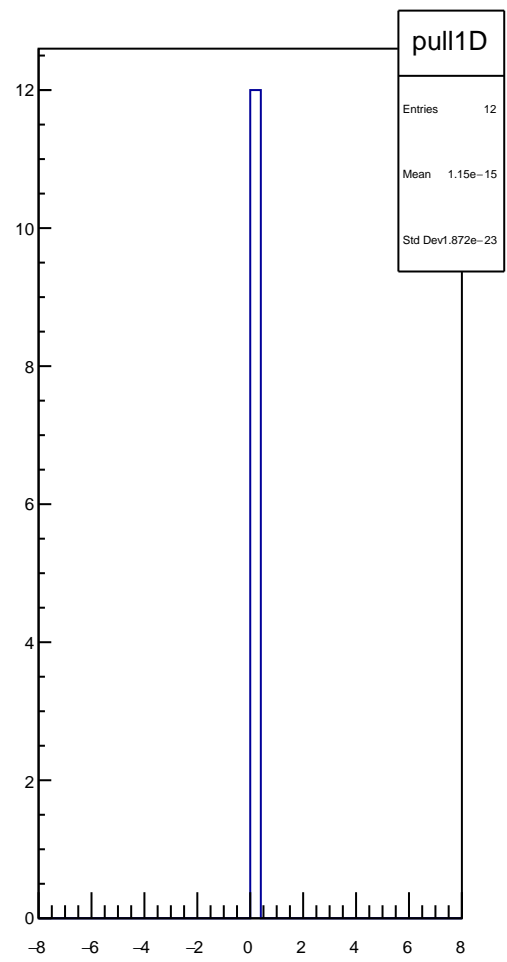
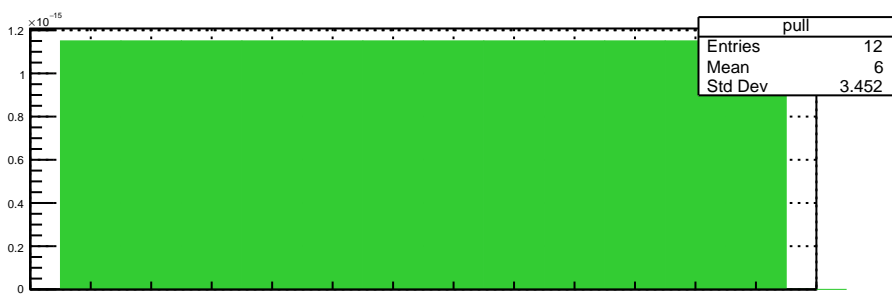
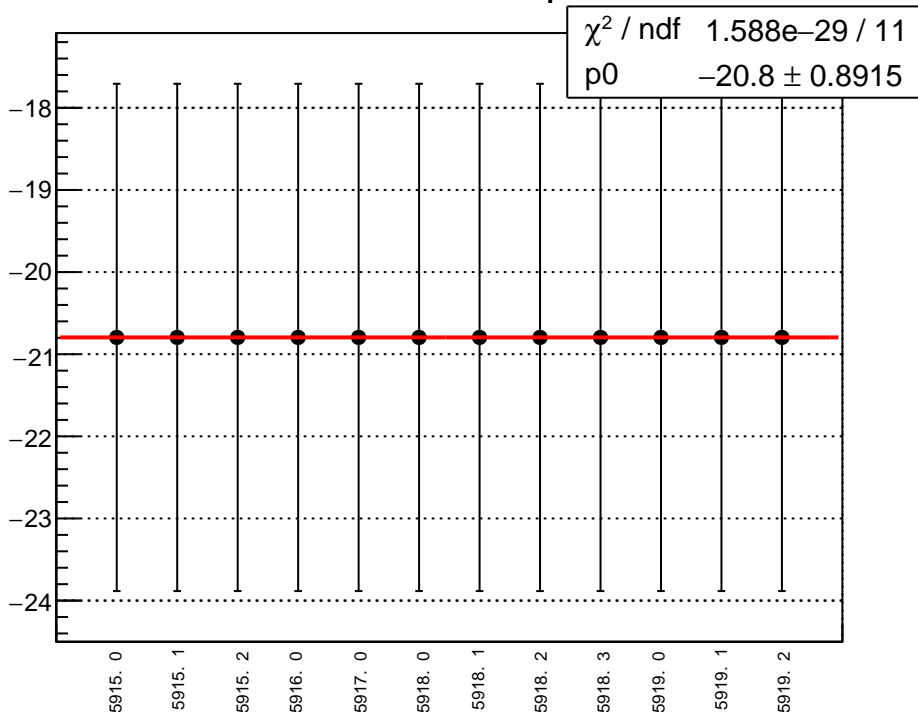
# dit\_atr1\_4aX\_slope vs run



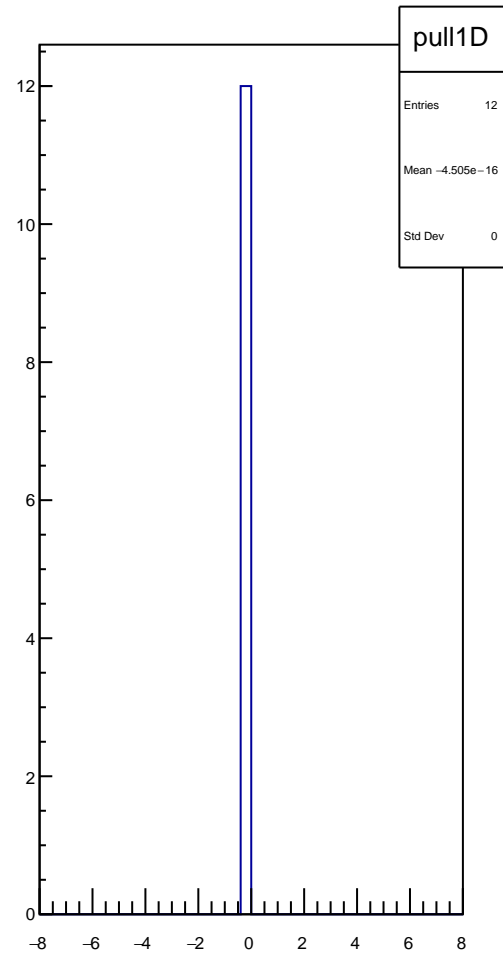
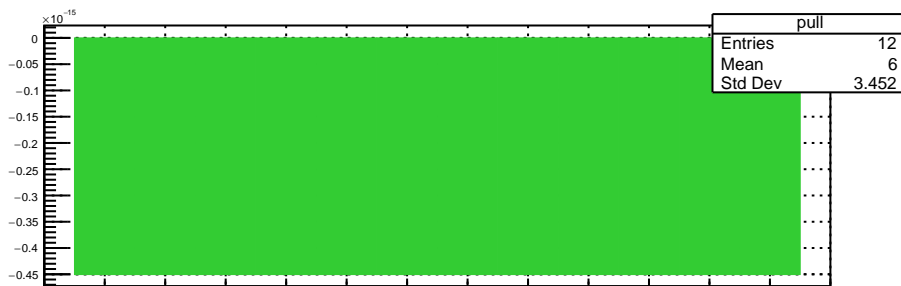
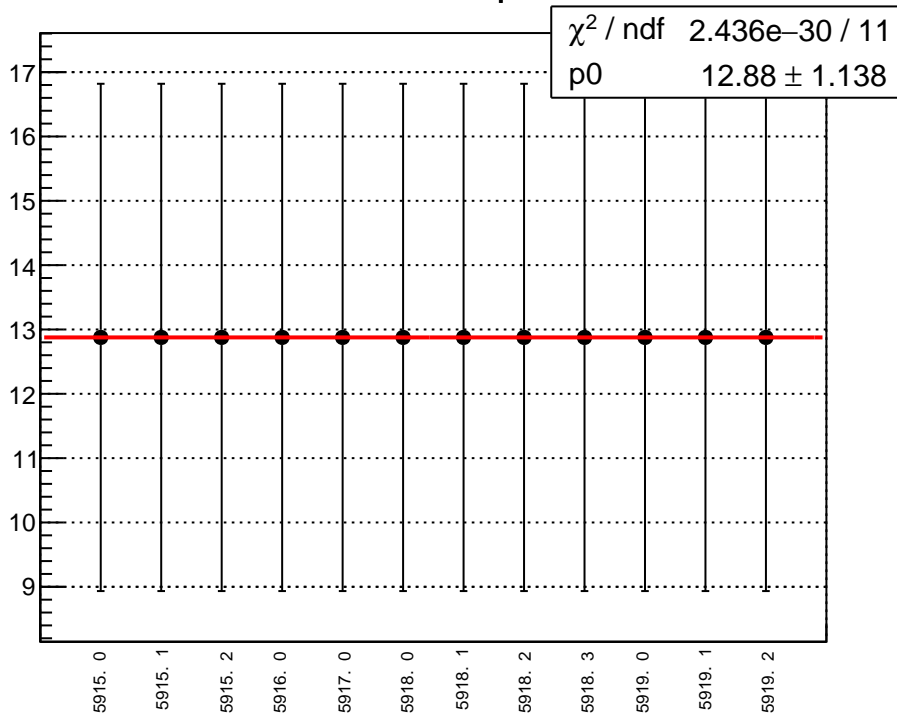
# dit\_atr1\_4eX\_slope vs run



# dit\_atr1\_11X12X\_slope vs run

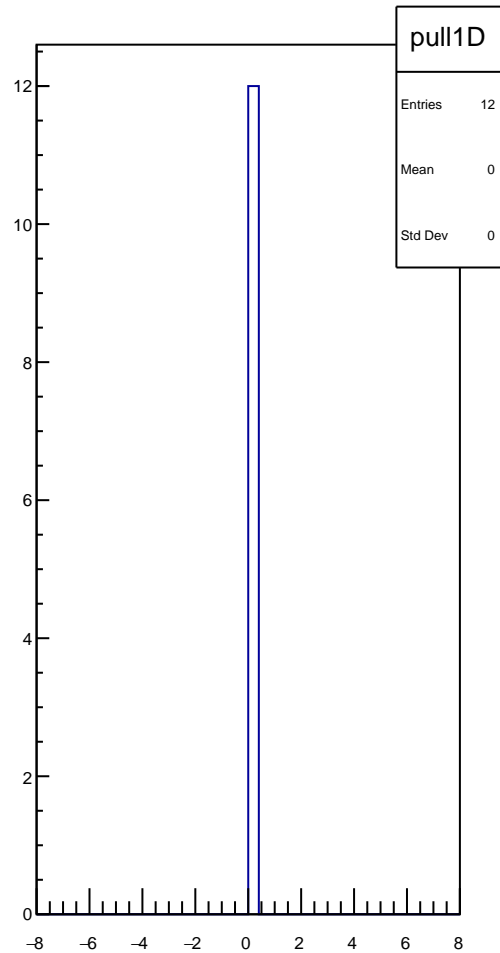
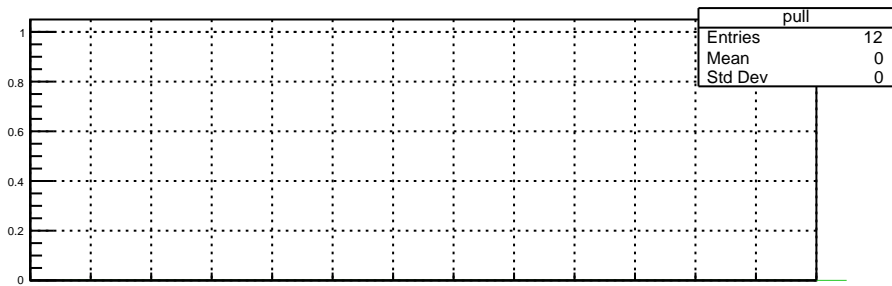
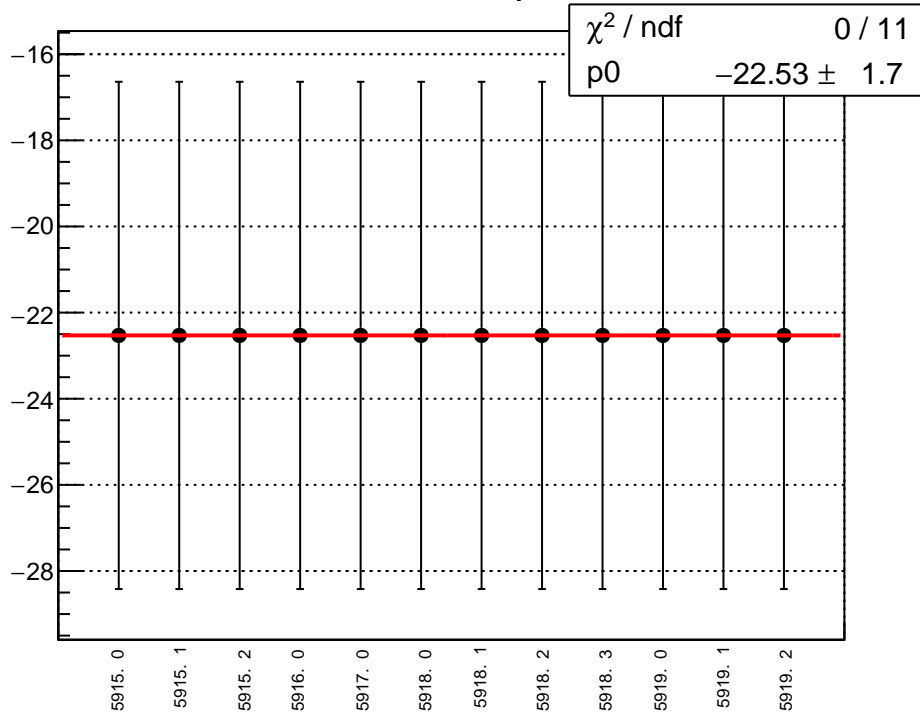


# dit\_atr1\_4aY\_slope vs run

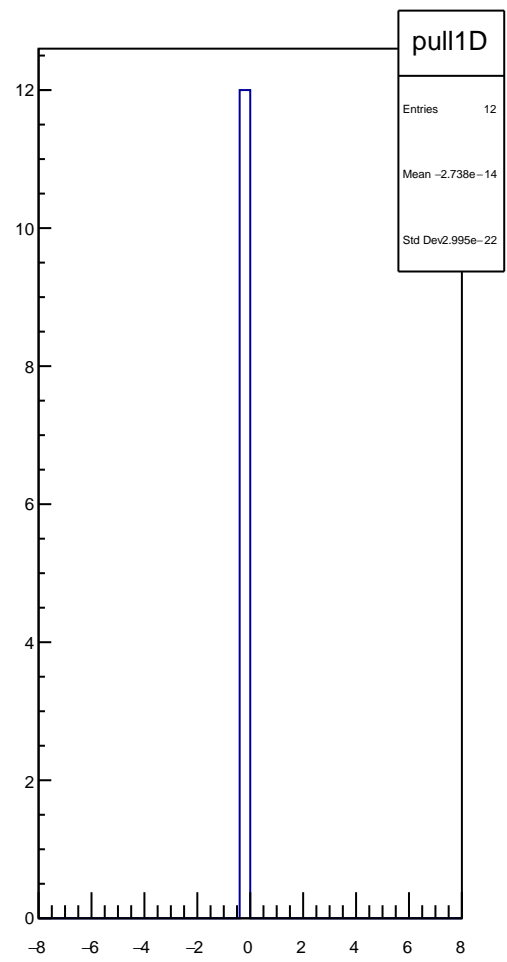
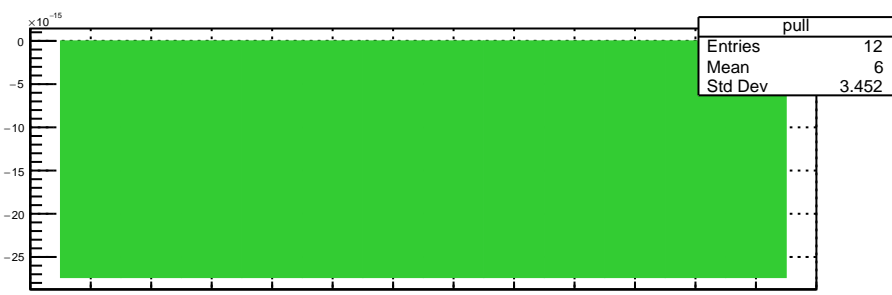
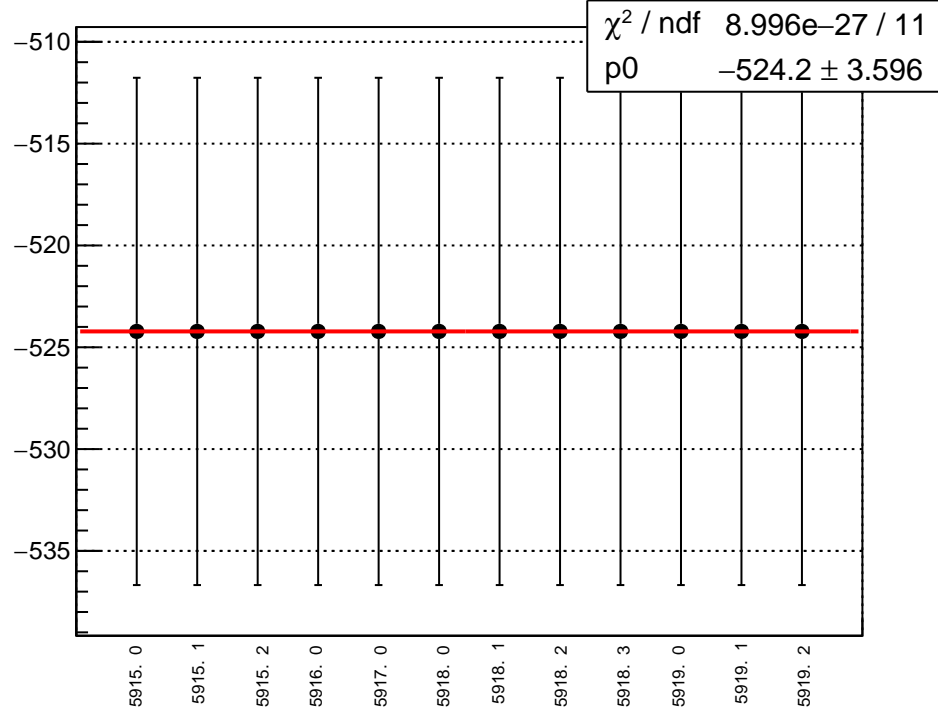




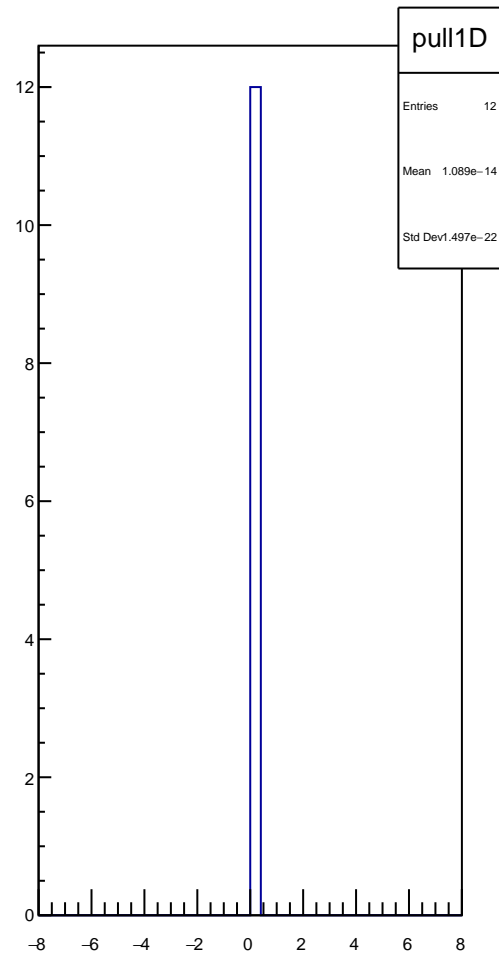
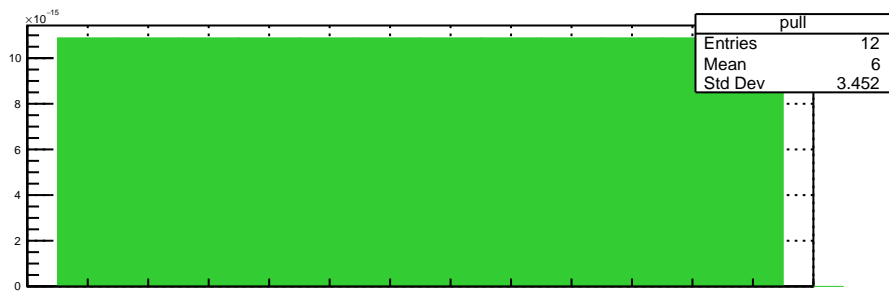
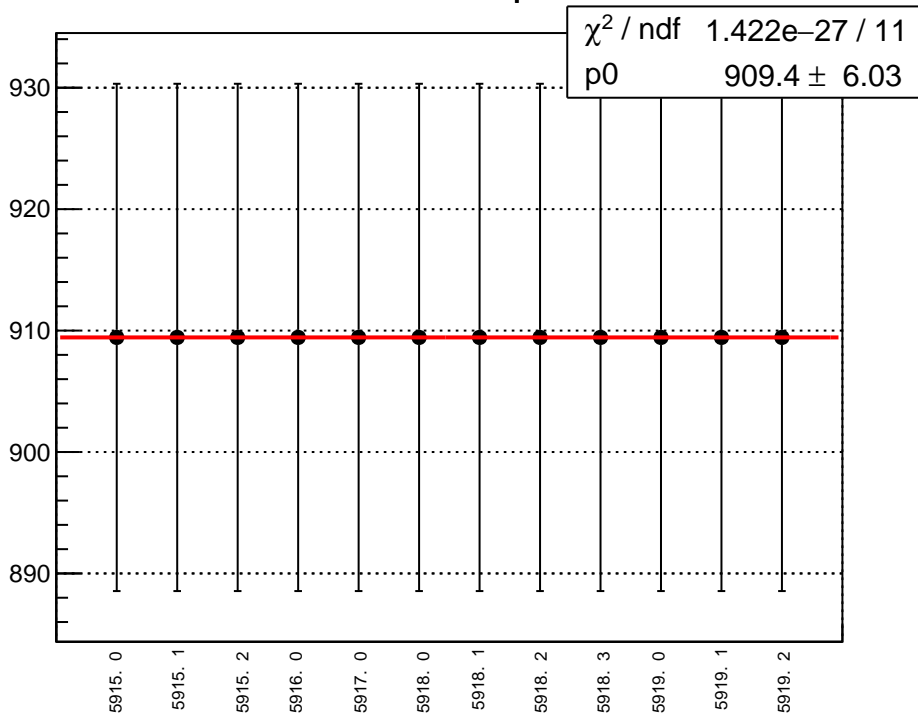
# dit\_atr1\_4eY\_slope vs run



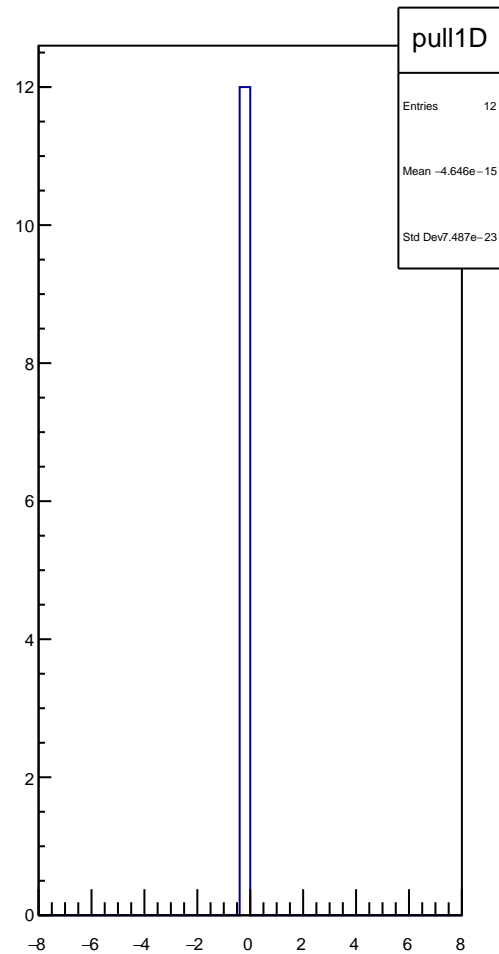
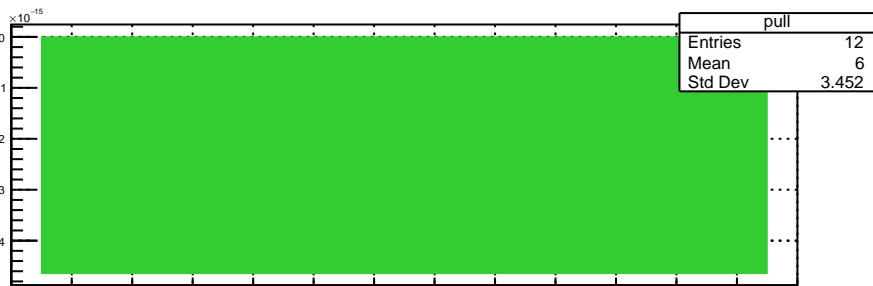
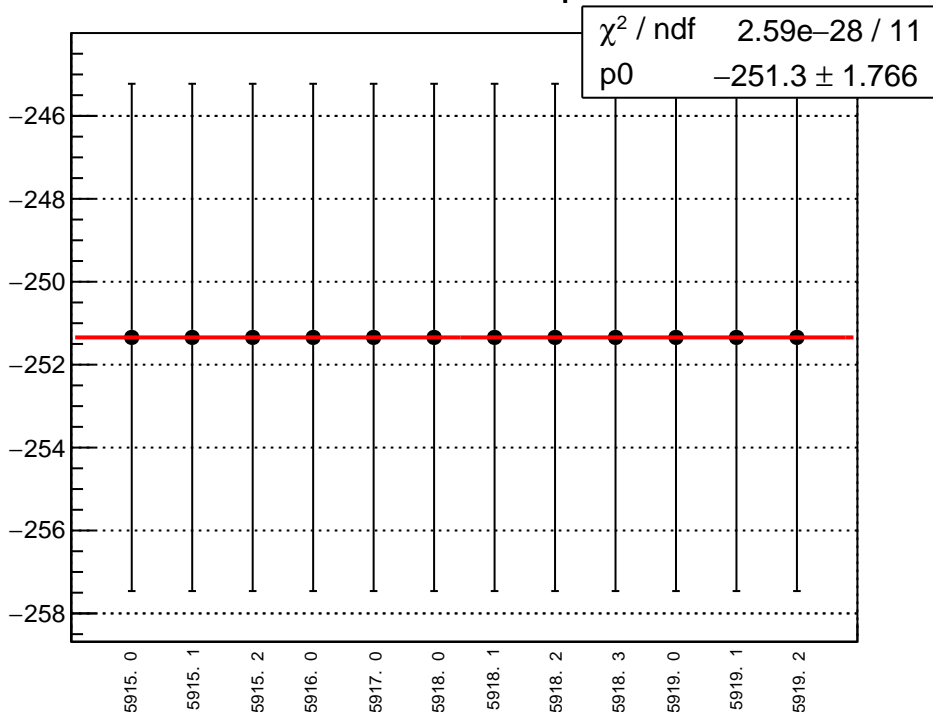
# dit\_atr2\_4aX\_slope vs run



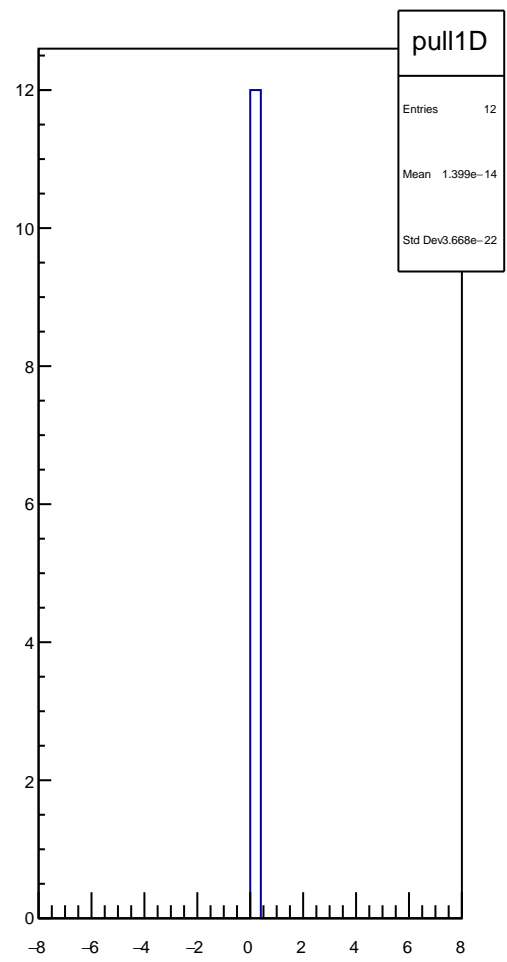
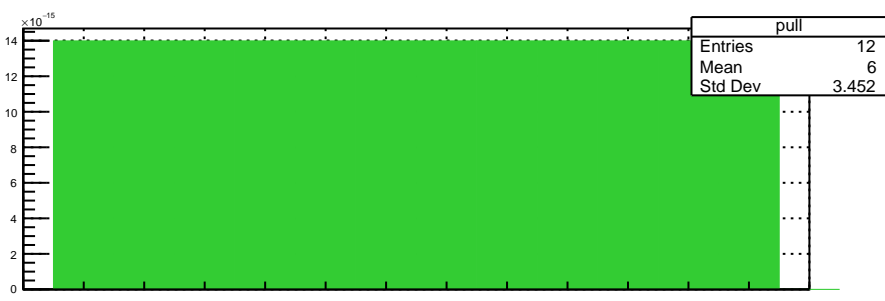
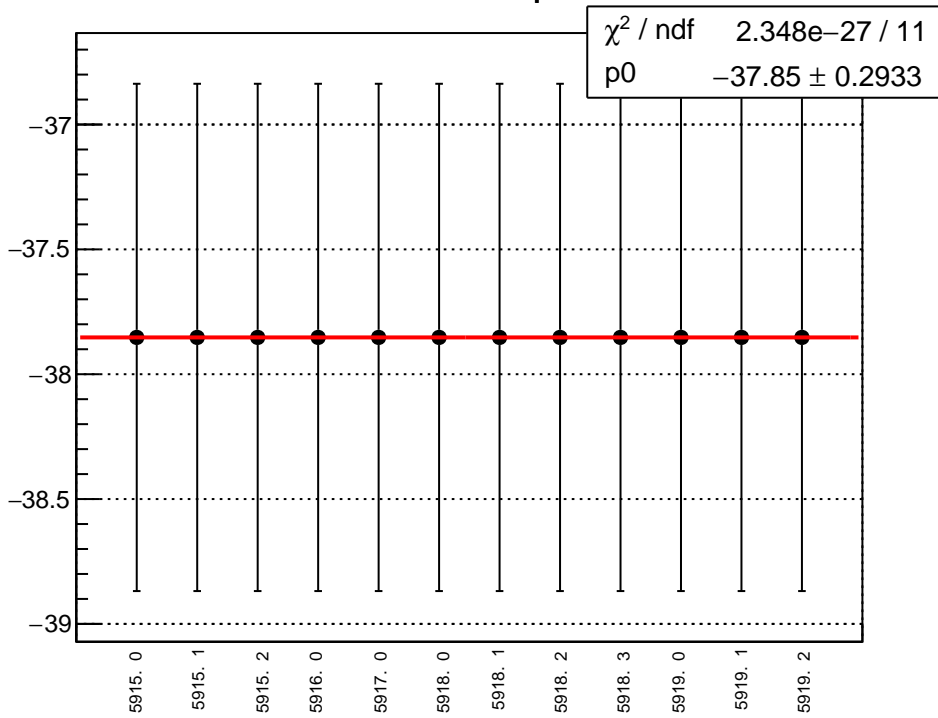
# dit\_atr2\_4eX\_slope vs run



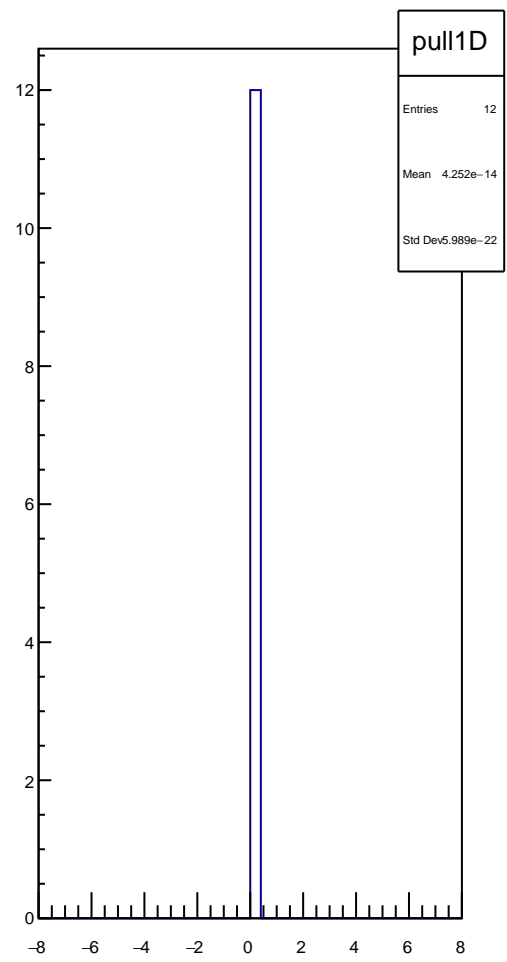
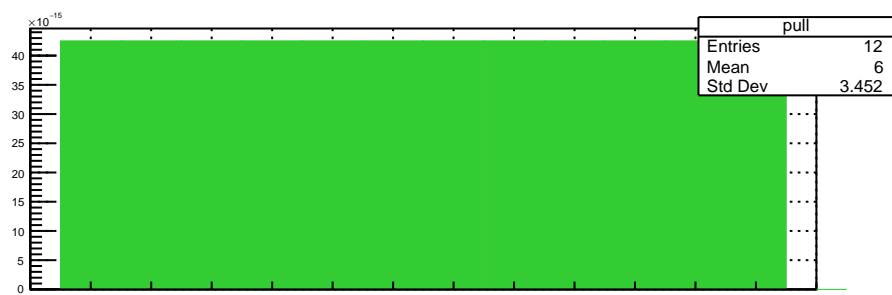
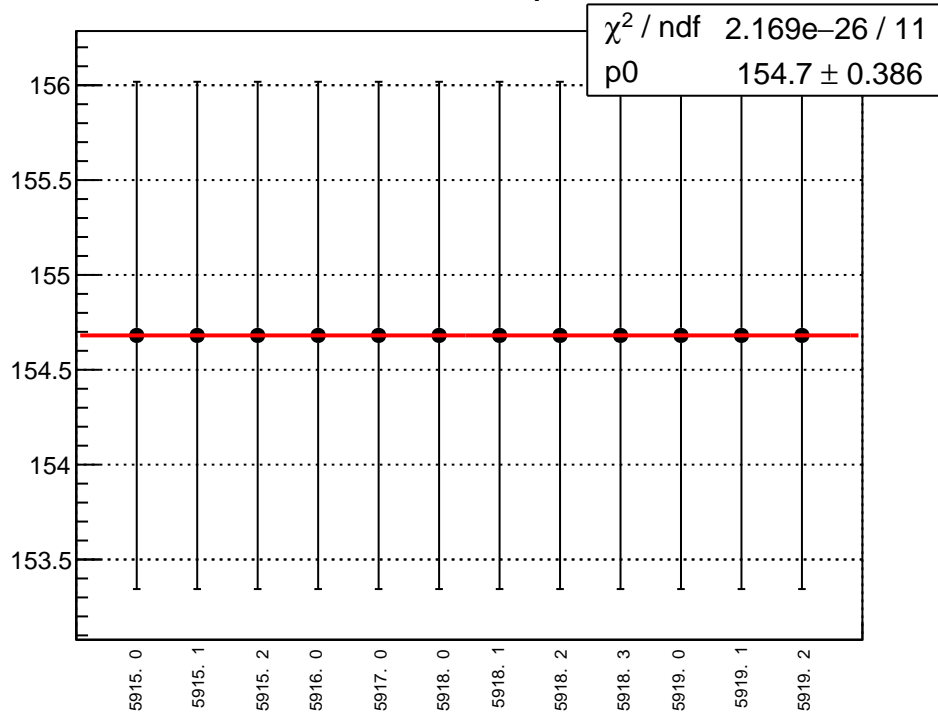
# dit\_atr2\_11X12X\_slope vs run



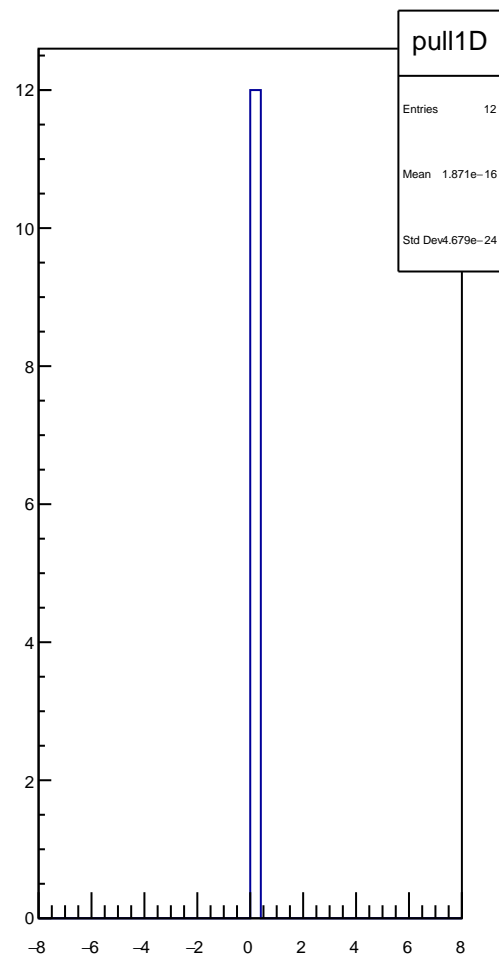
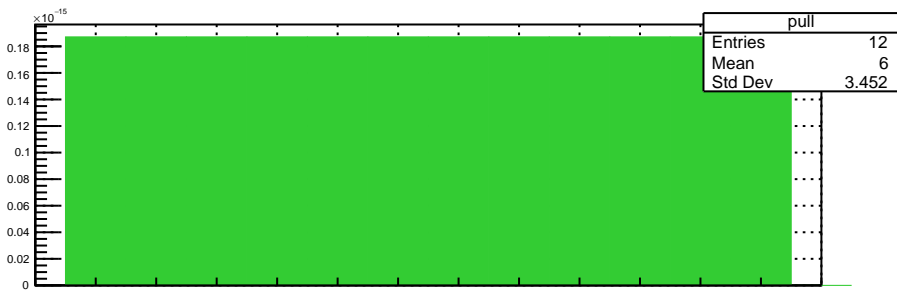
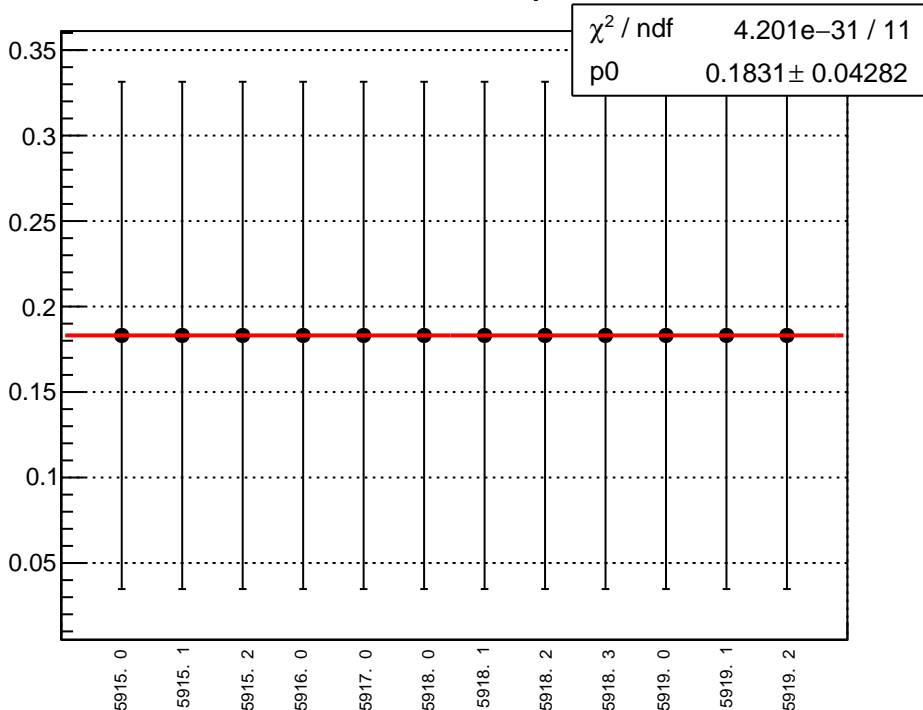
# dit\_atr2\_4aY\_slope vs run



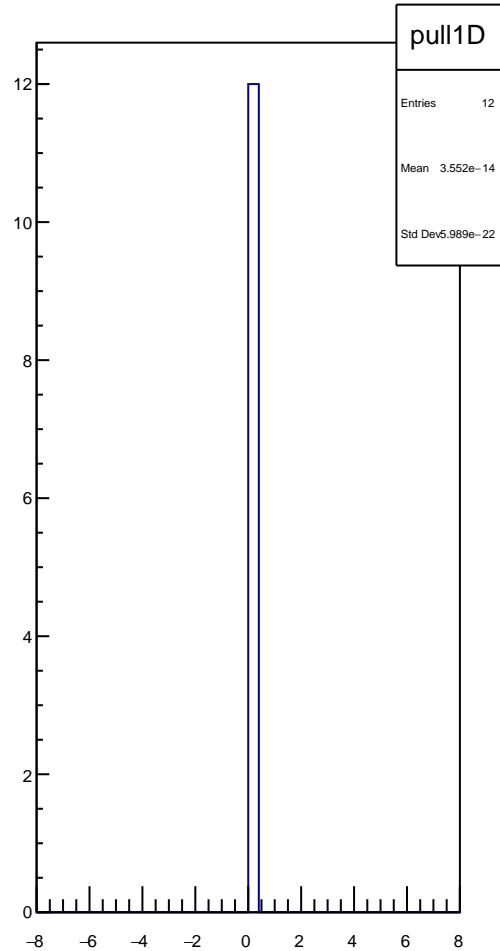
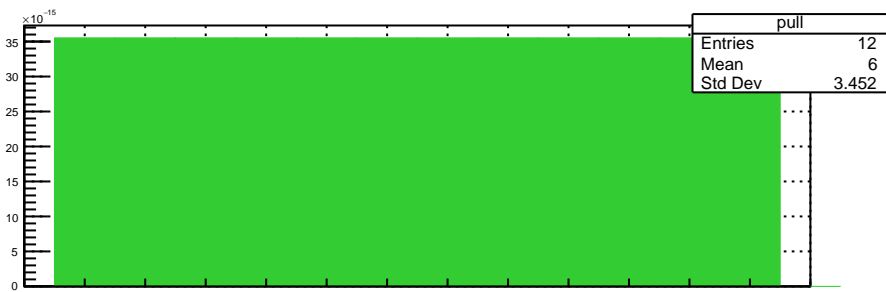
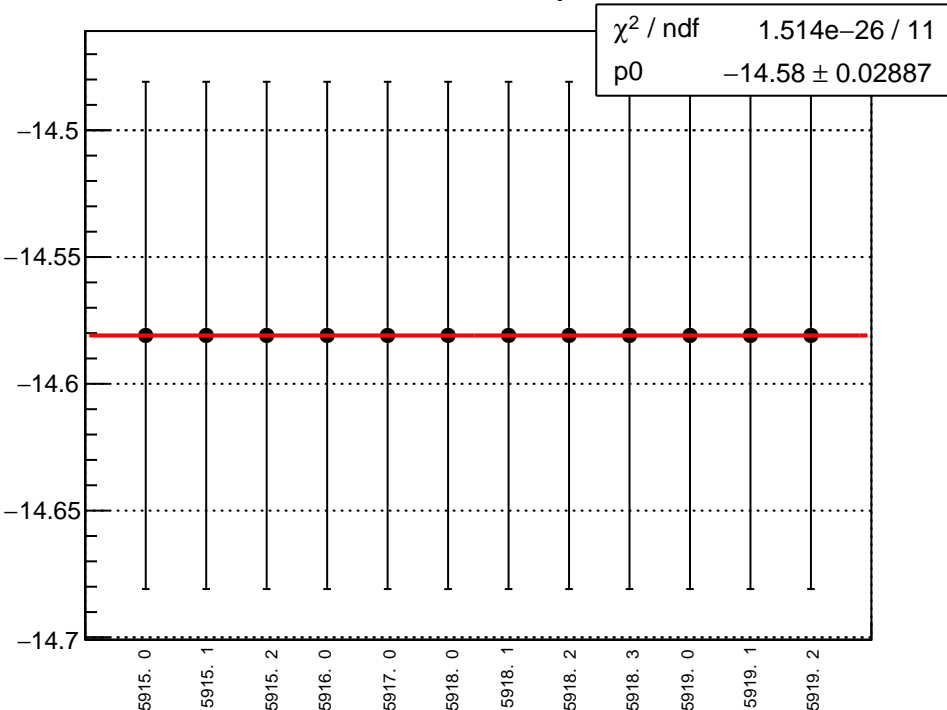
# dit\_atr2\_4eY\_slope vs run



# dit\_sam1\_4aX\_slope vs run

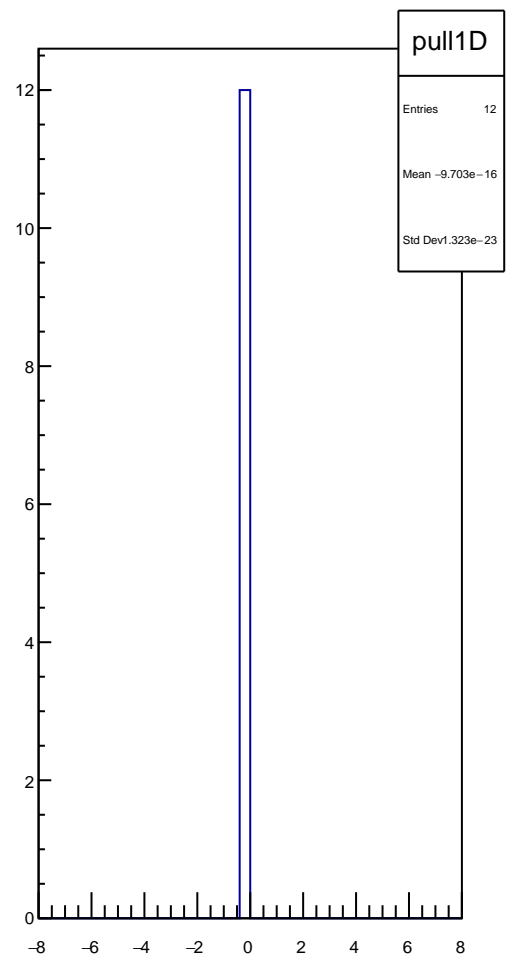
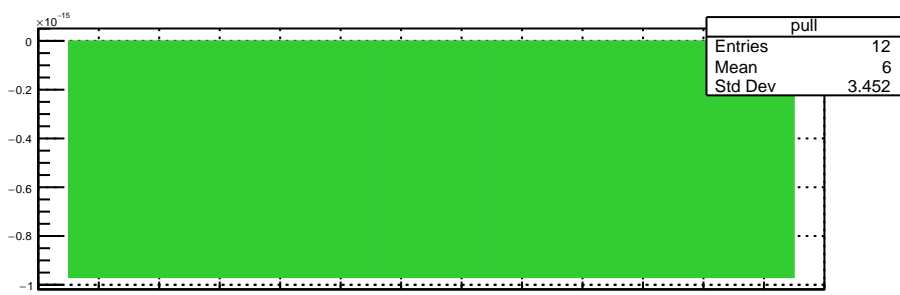
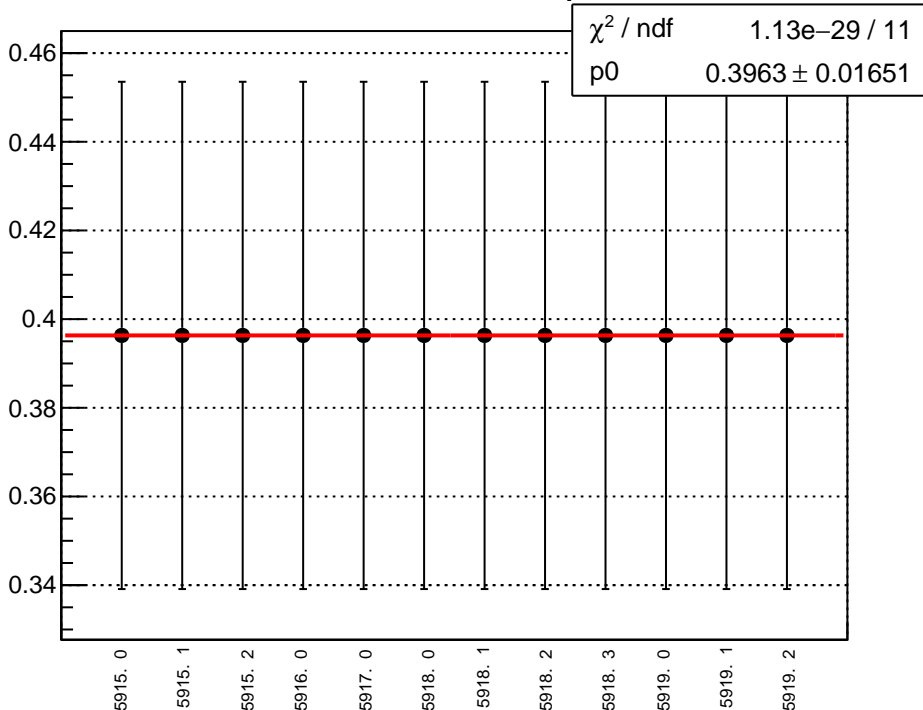


# dit\_sam1\_4eX\_slope vs run

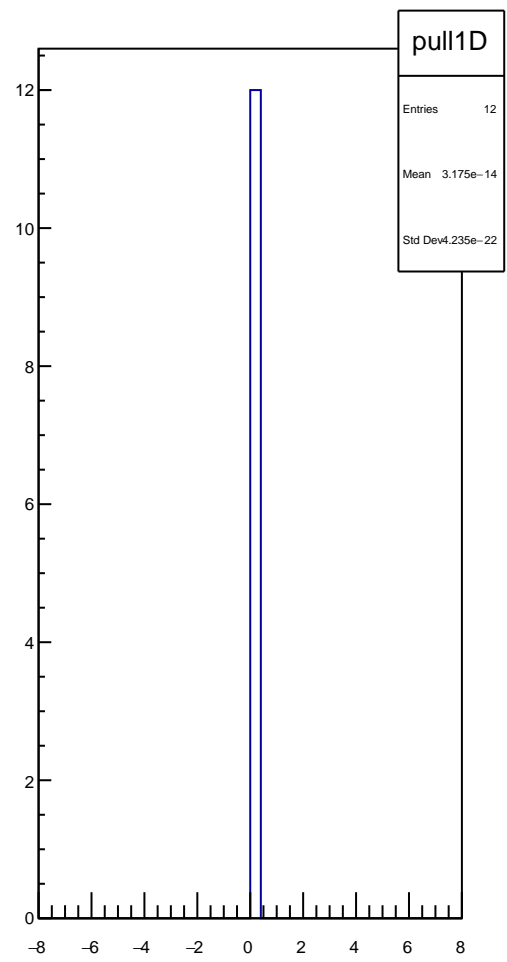
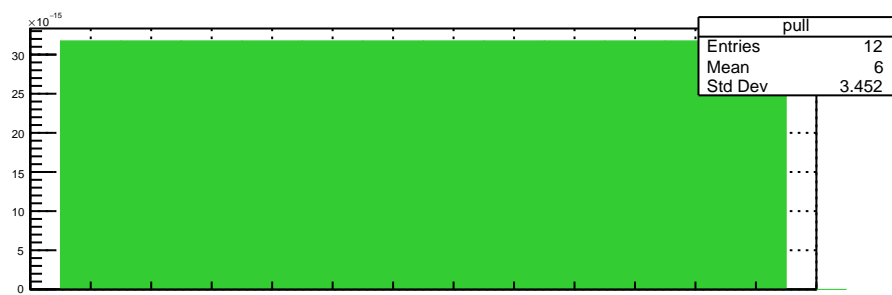
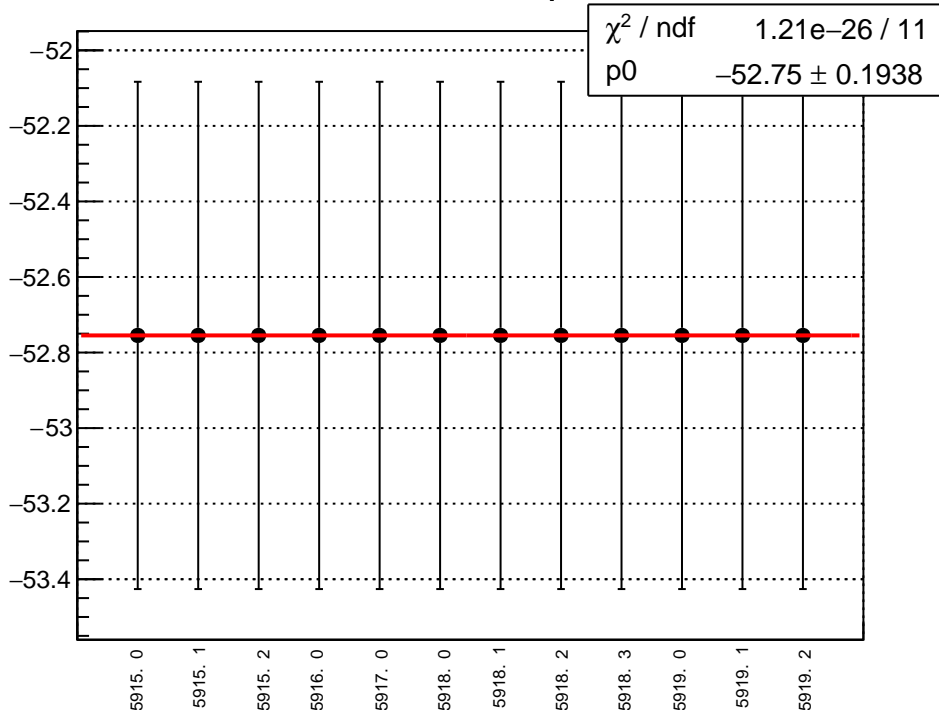




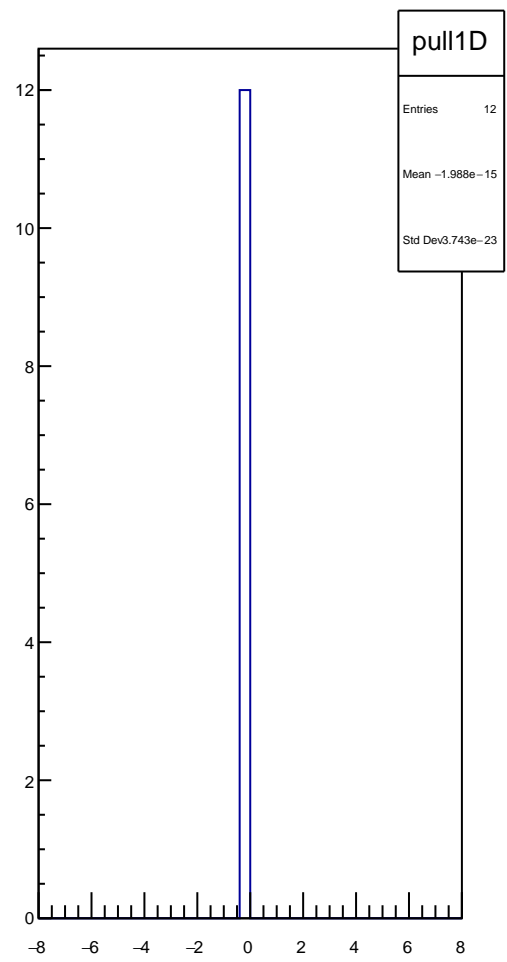
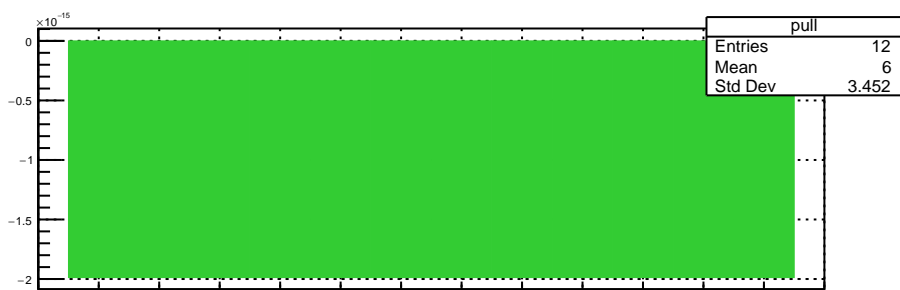
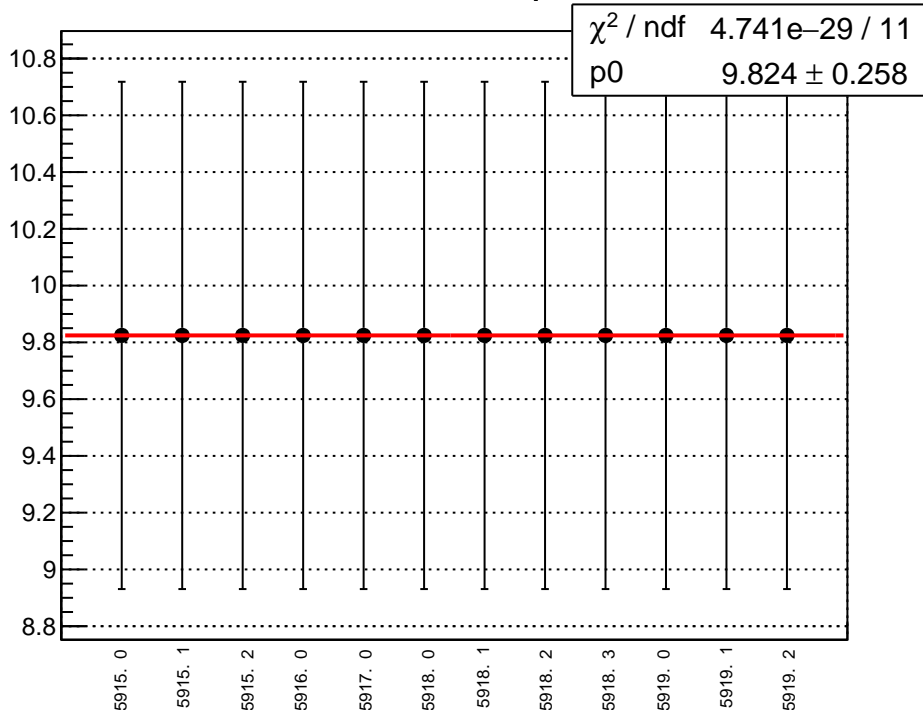
# dit\_sam1\_11X12X\_slope vs run



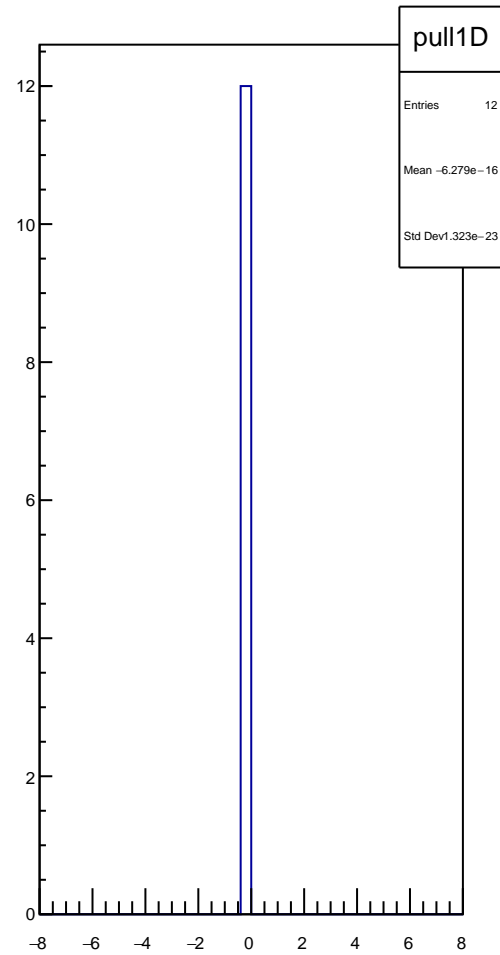
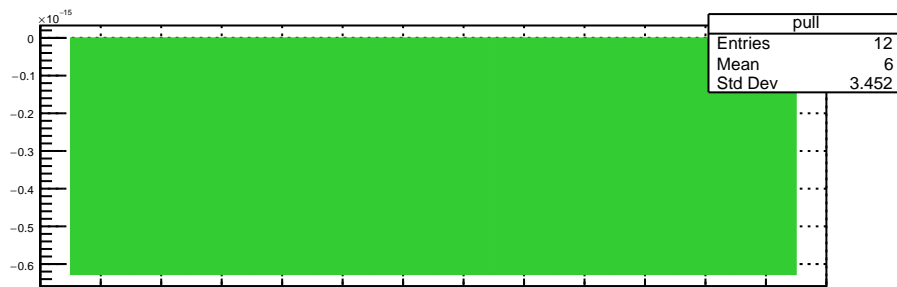
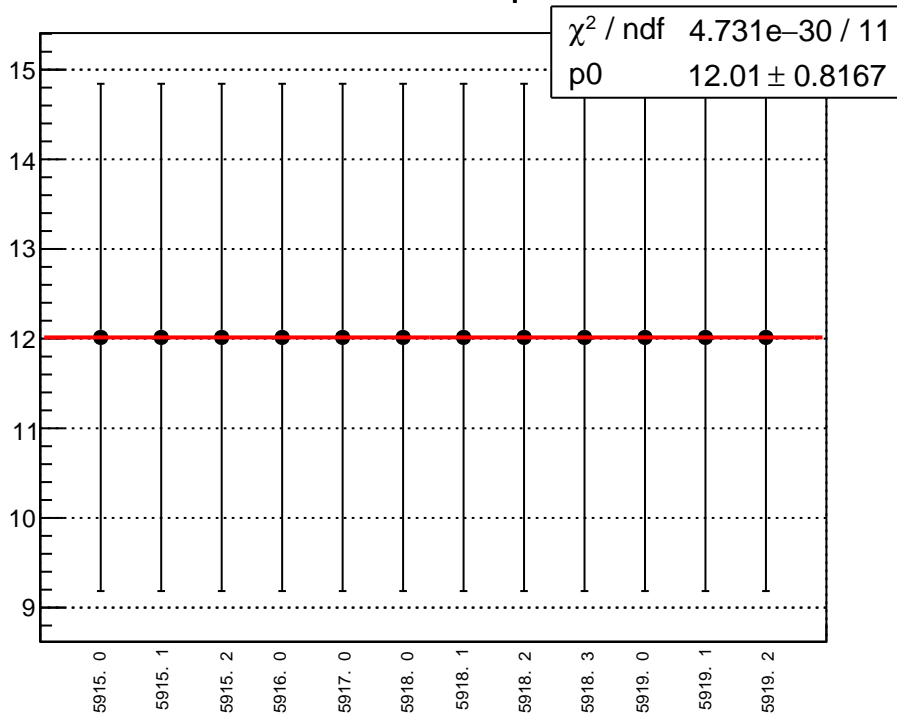
# dit\_sam1\_4aY\_slope vs run



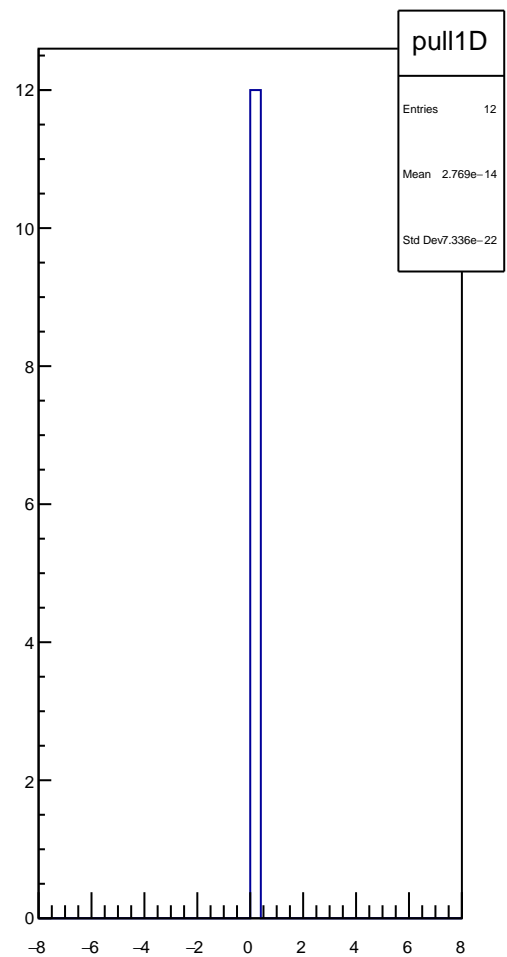
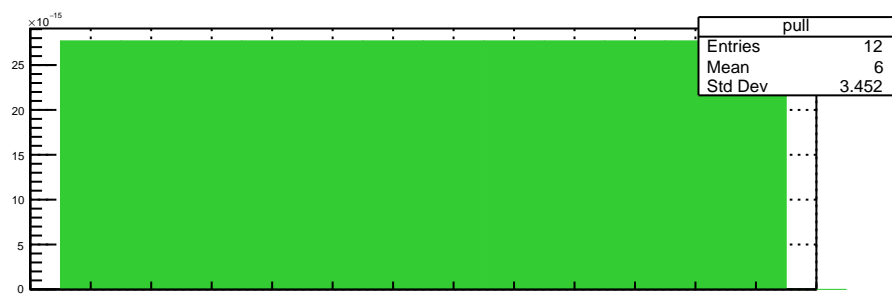
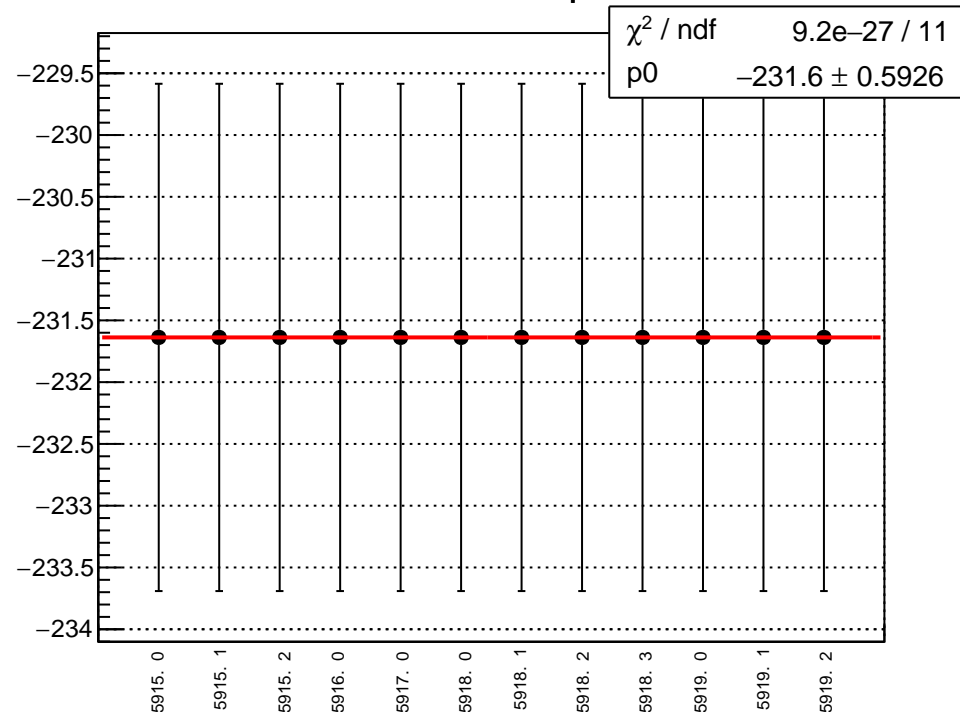
# dit\_sam1\_4eY\_slope vs run



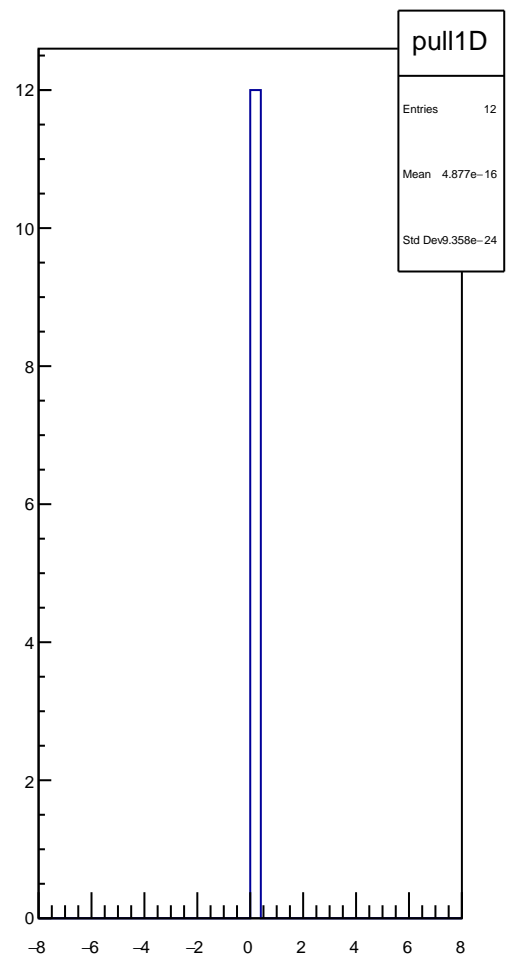
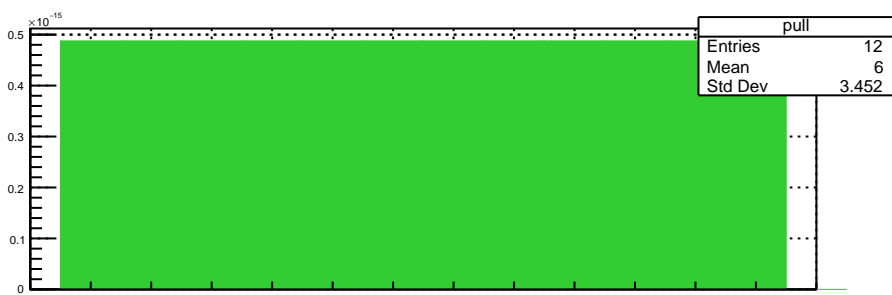
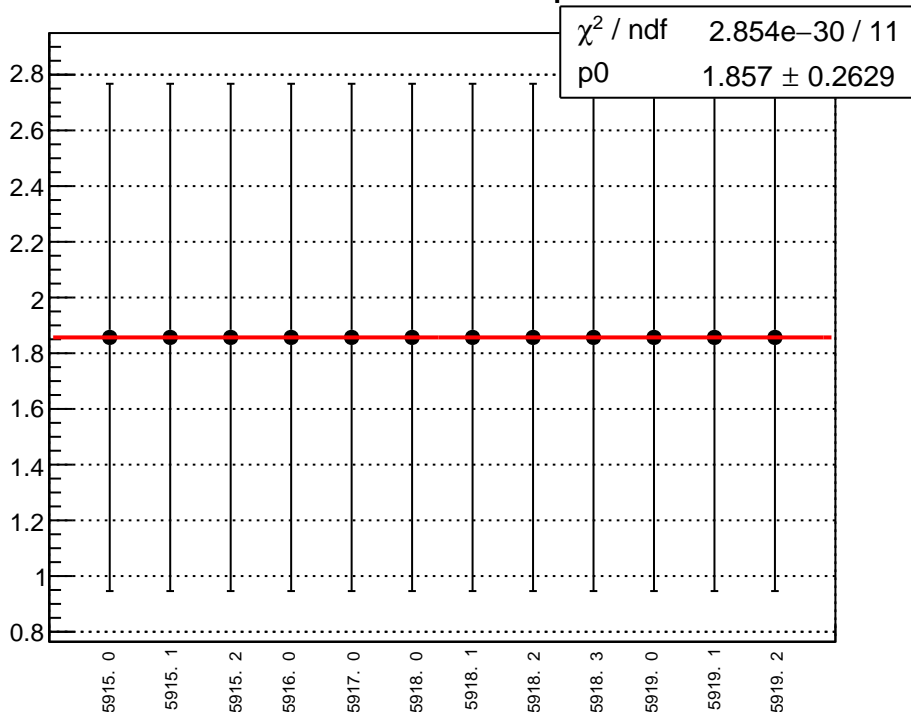
# dit\_sam2\_4aX\_slope vs run



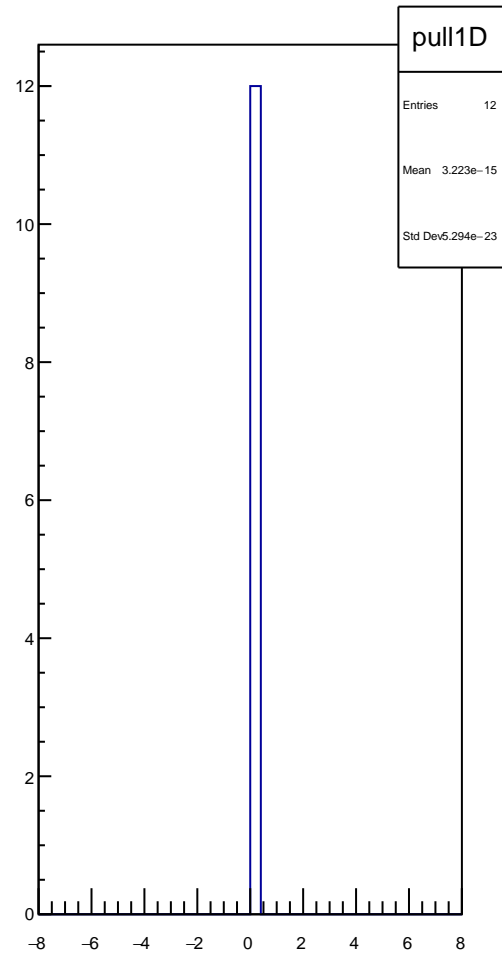
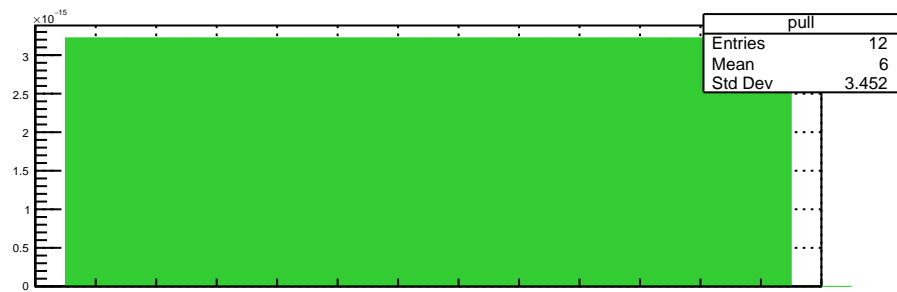
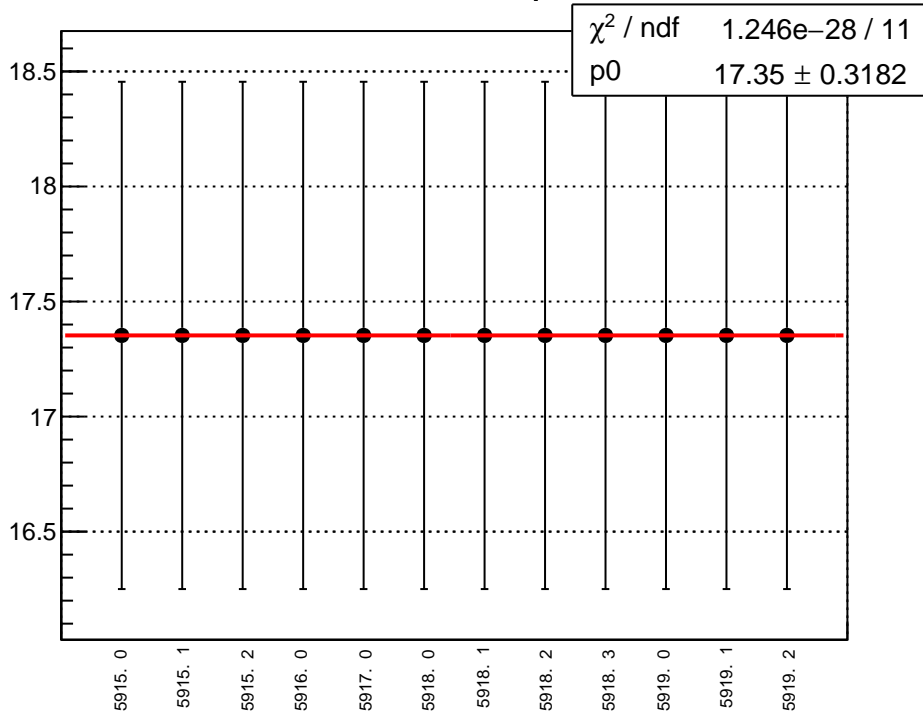
# dit\_sam2\_4eX\_slope vs run



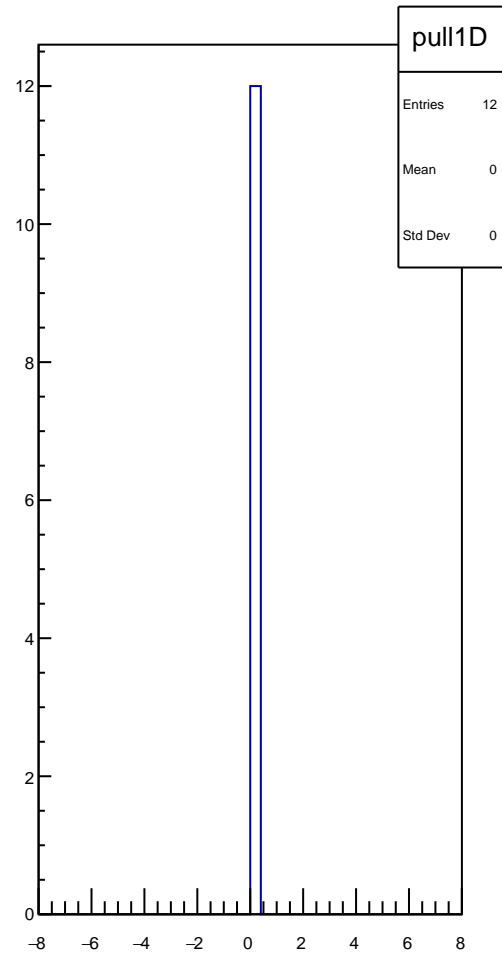
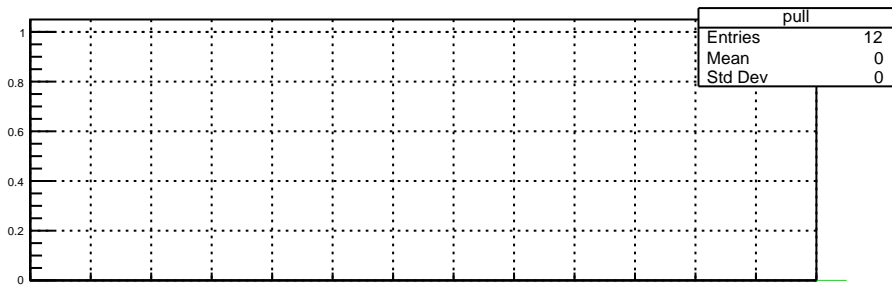
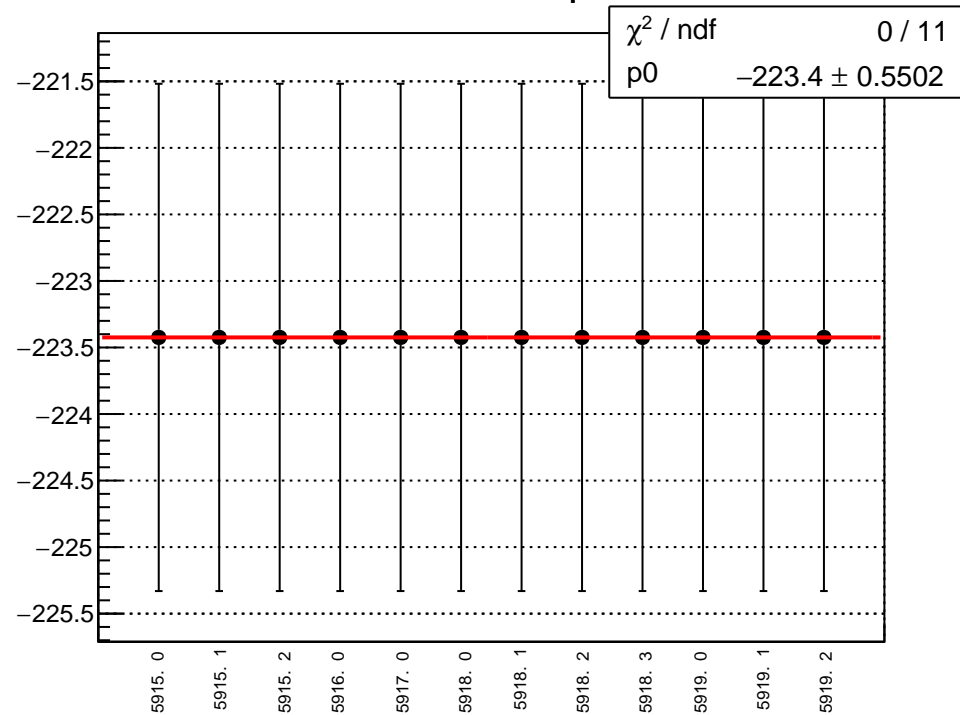
# dit\_sam2\_11X12X\_slope vs run



# dit\_sam2\_4aY\_slope vs run

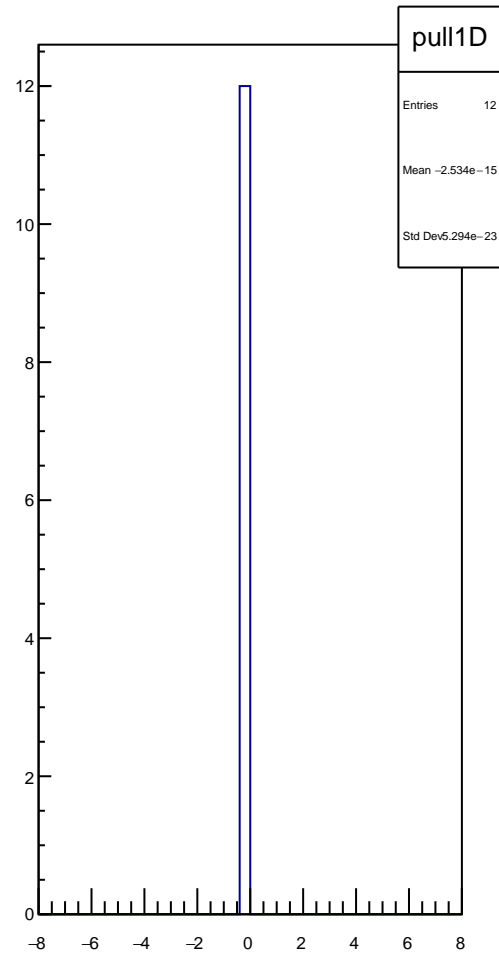
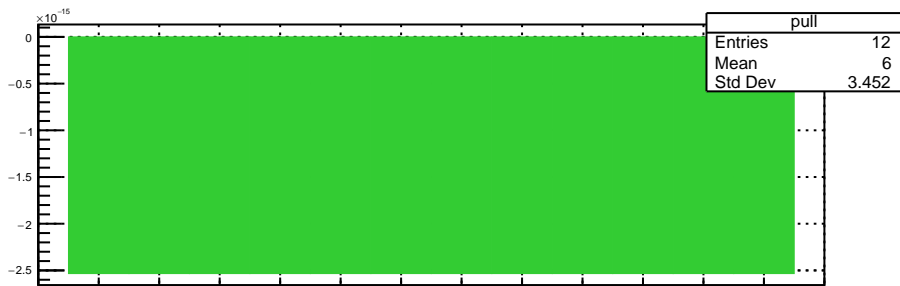
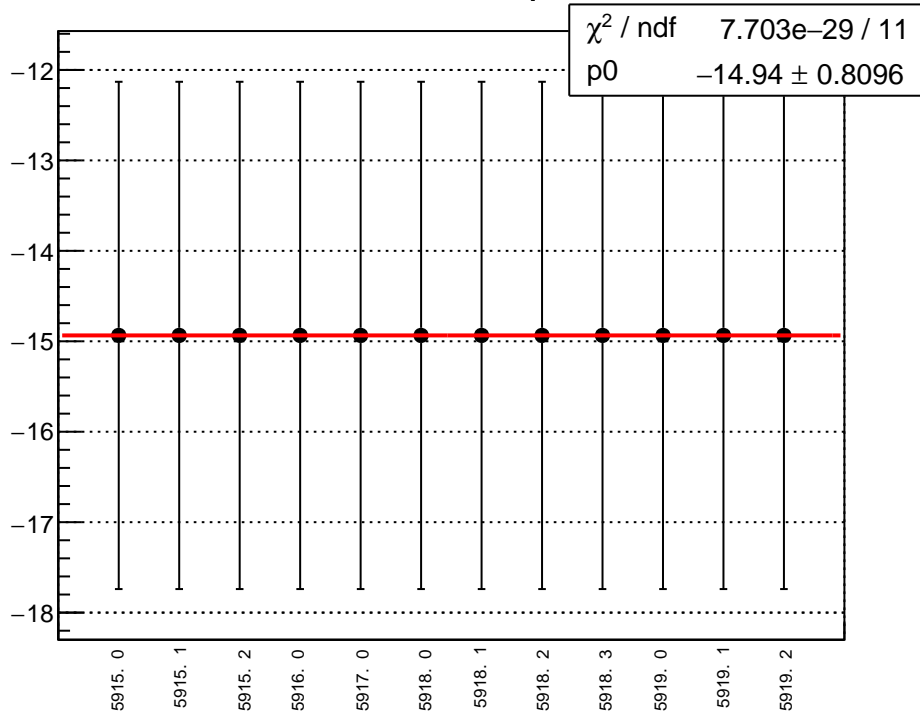


# dit\_sam2\_4eY\_slope vs run



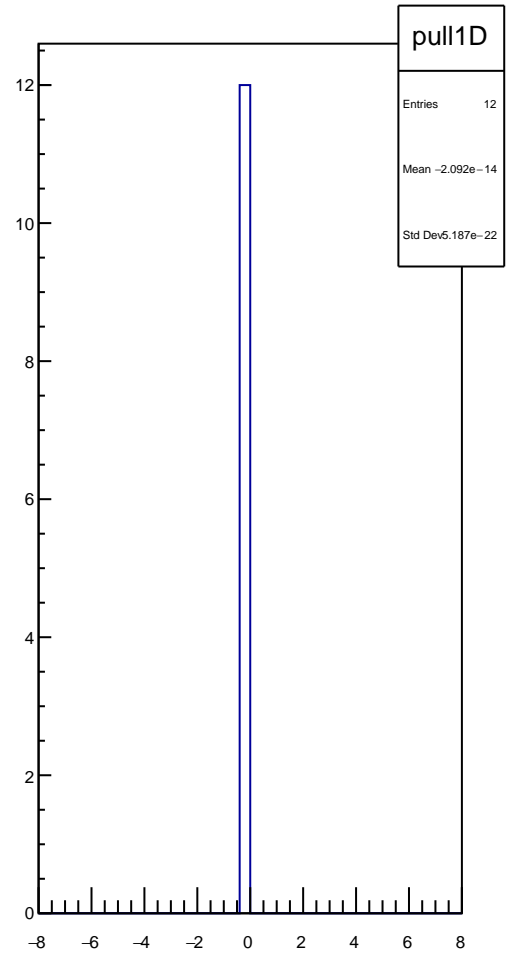
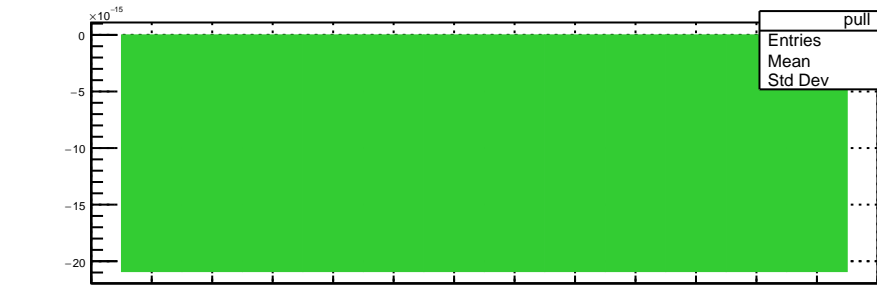
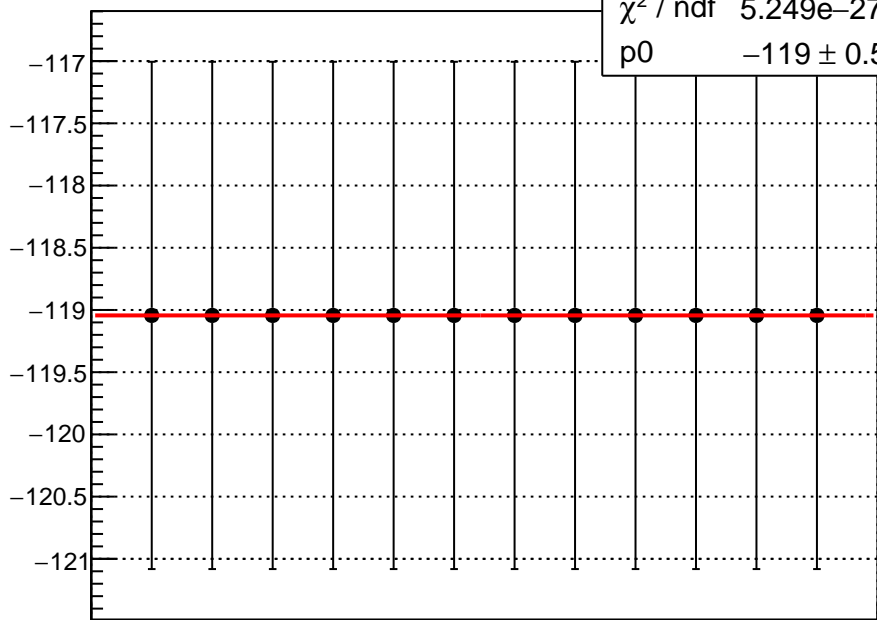


# dit\_sam3\_4aX\_slope vs run

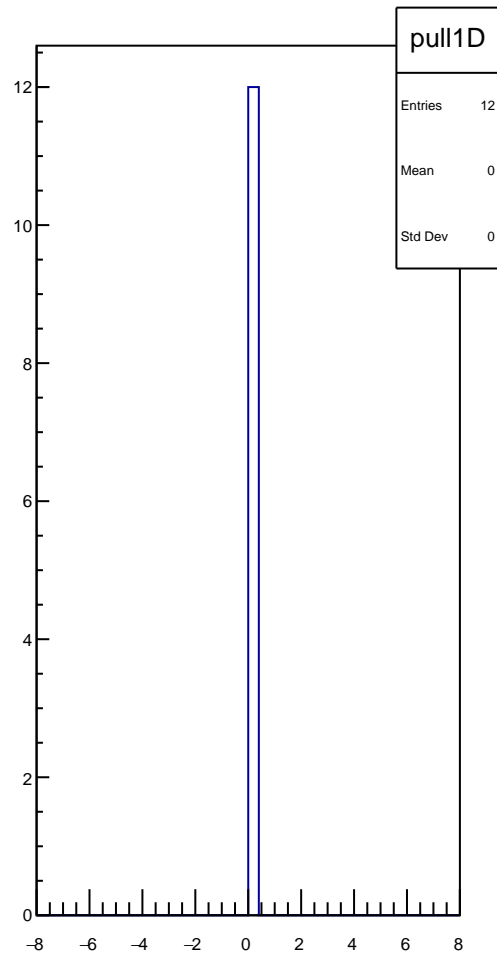
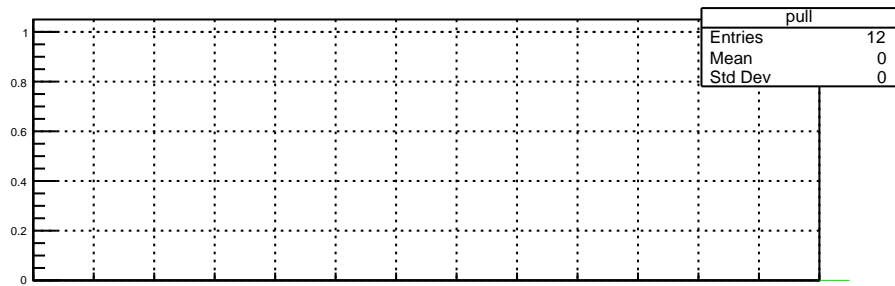
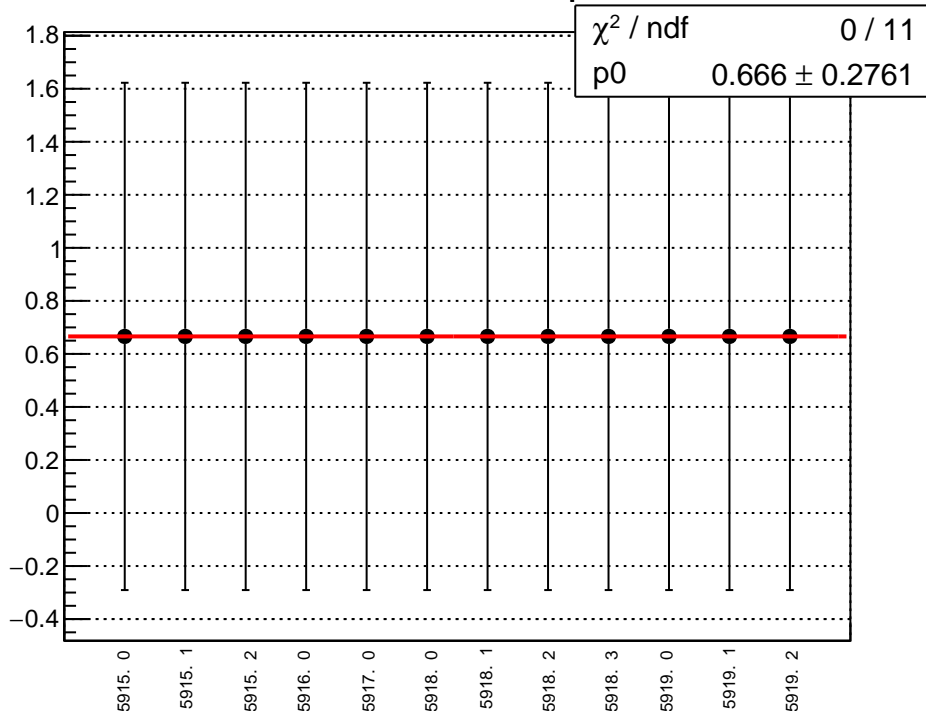


# dit\_sam3\_4eX\_slope vs run

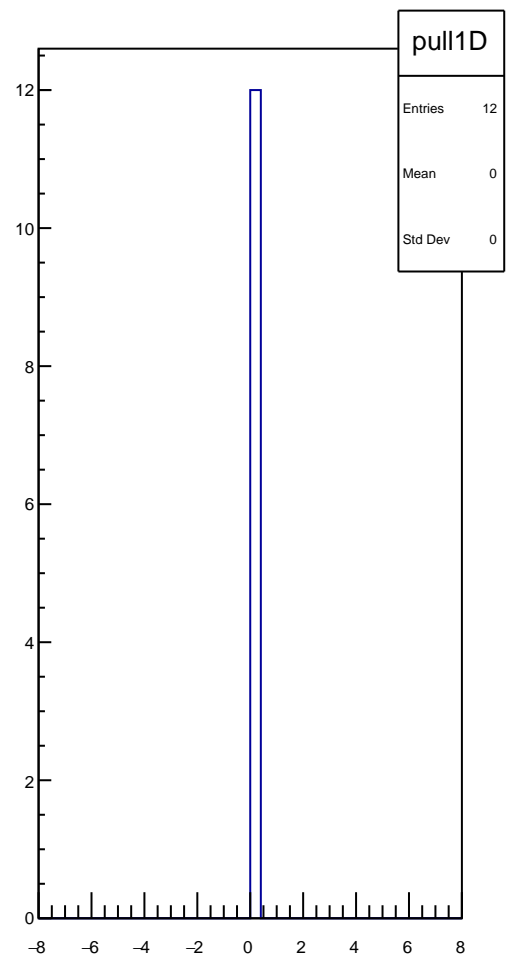
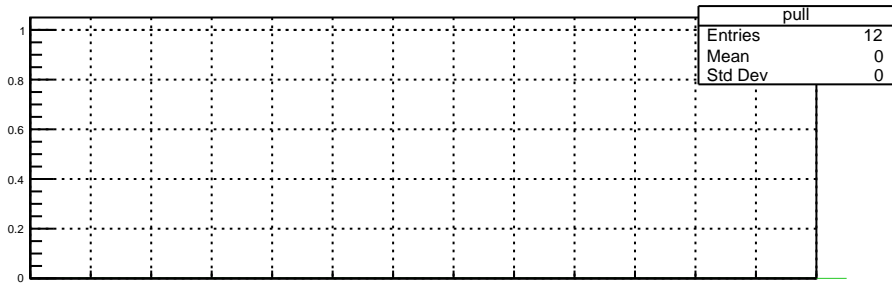
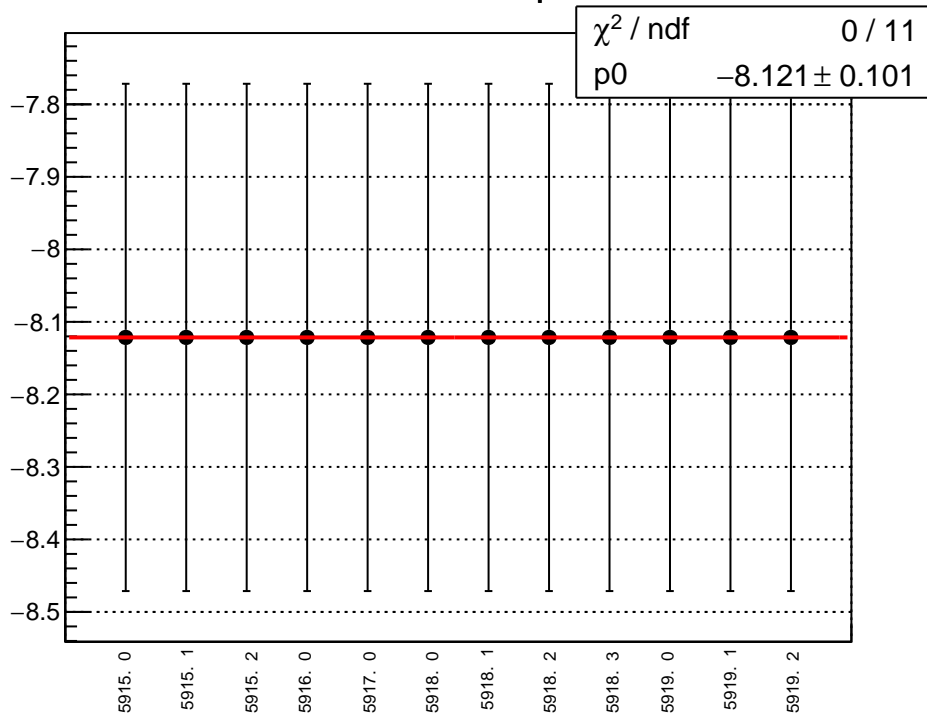
$\chi^2 / \text{ndf}$  5.249e-27 / 11  
 p0 -119 ± 0.5884



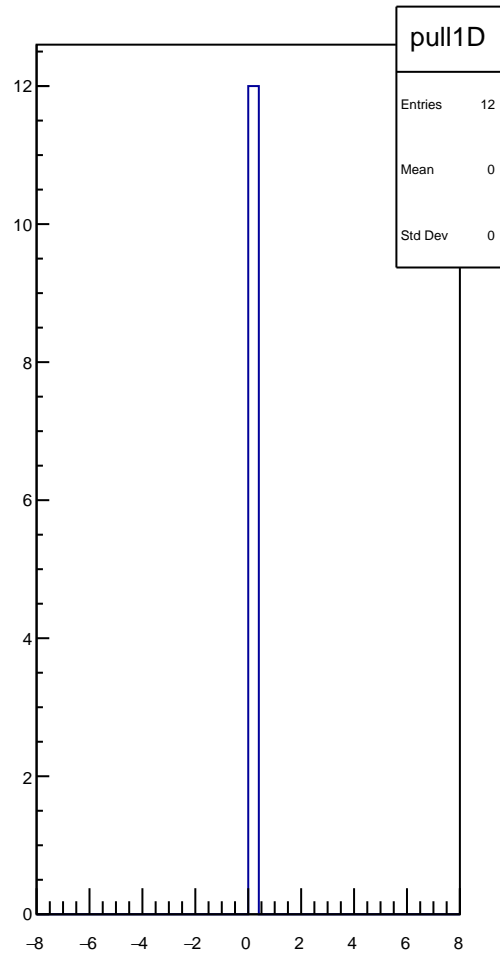
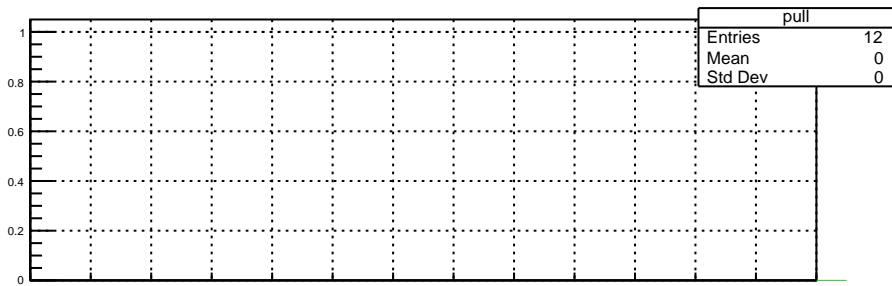
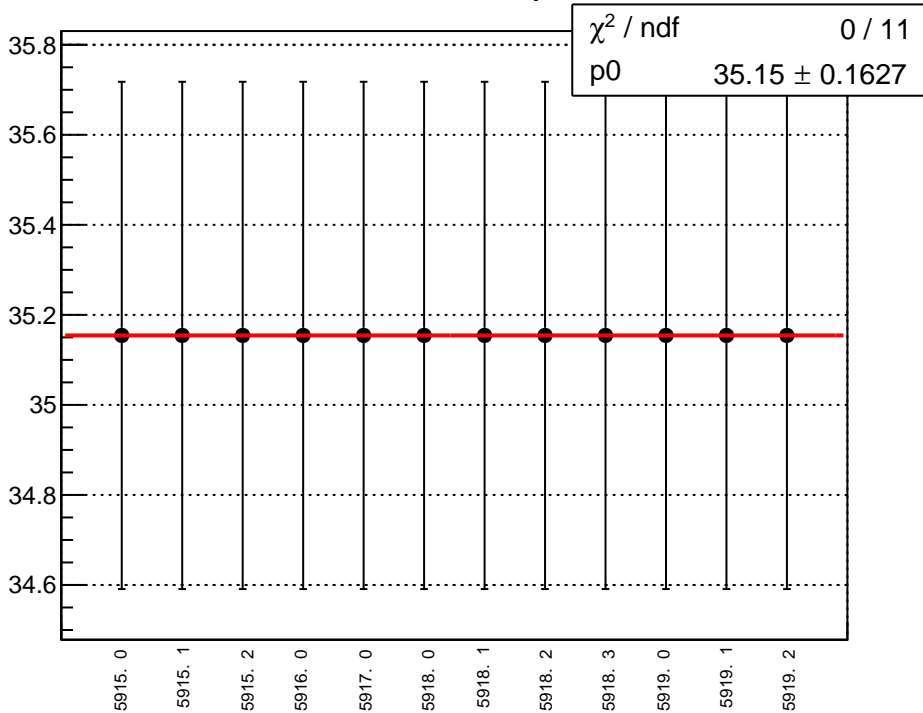
# dit\_sam3\_11X12X\_slope vs run



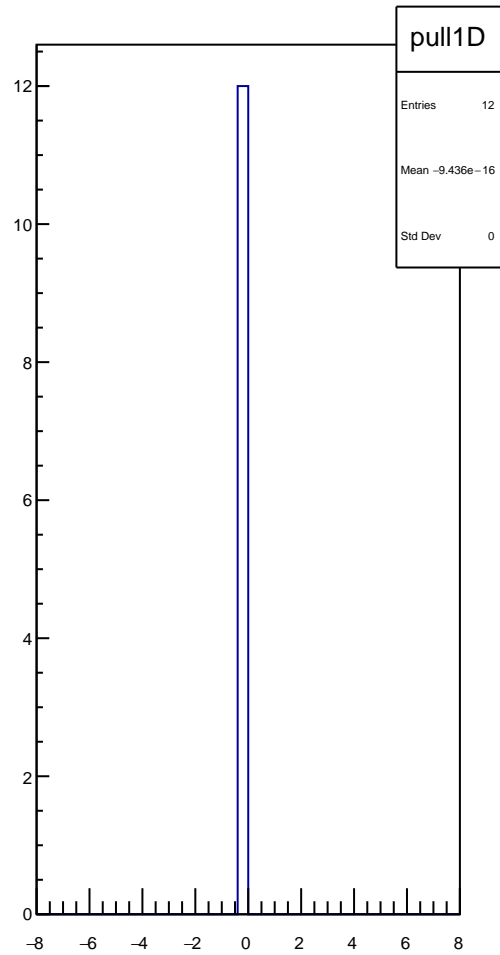
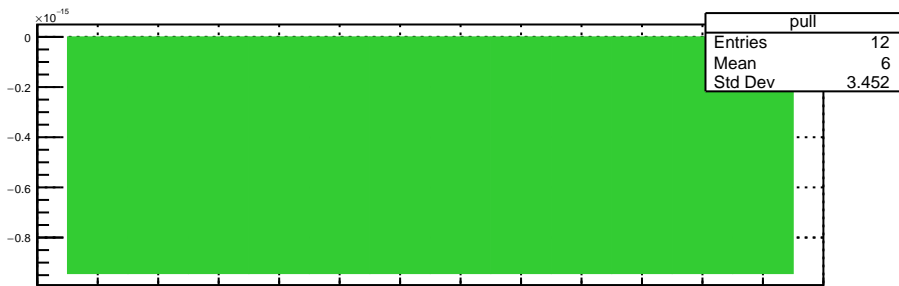
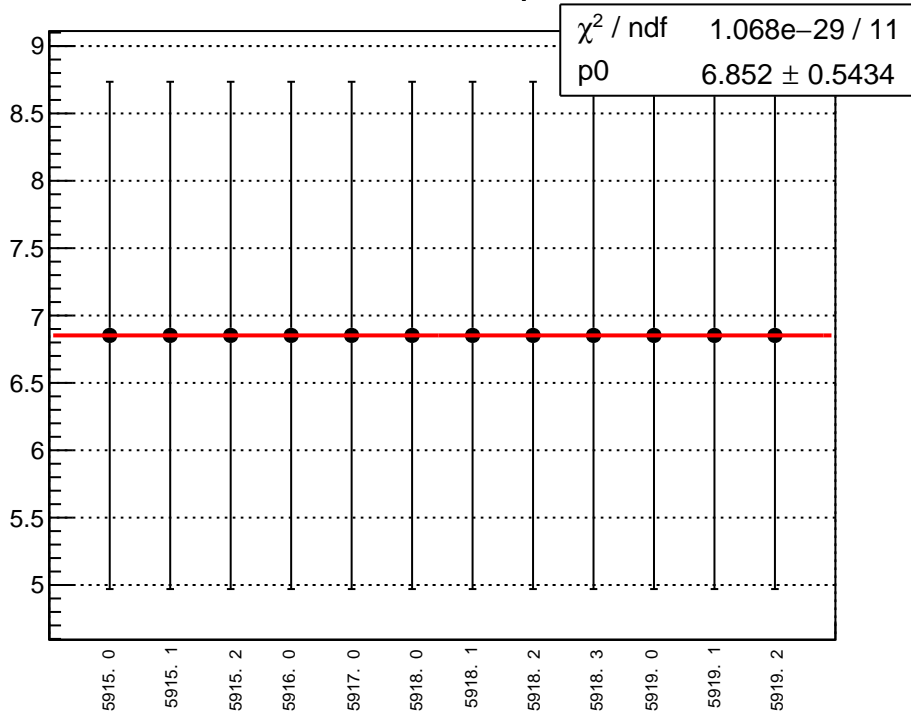
# dit\_sam3\_4aY\_slope vs run



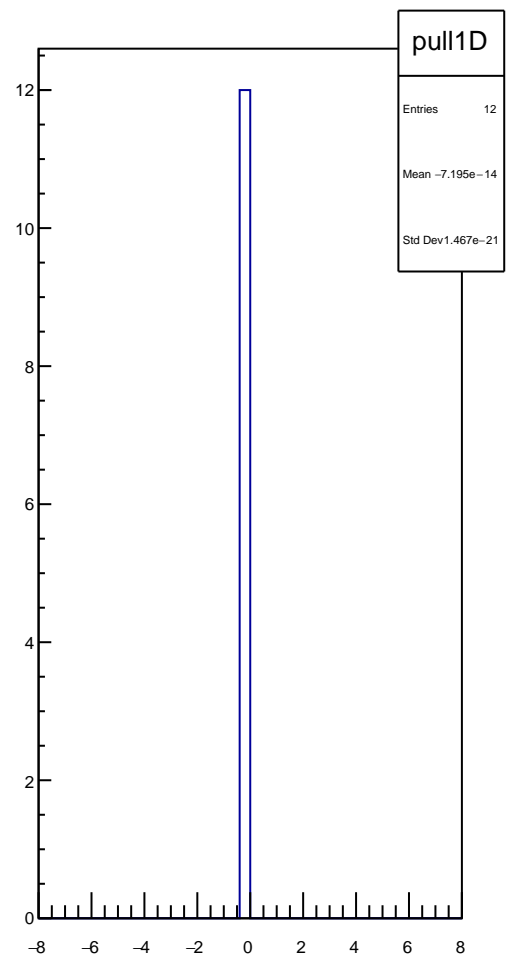
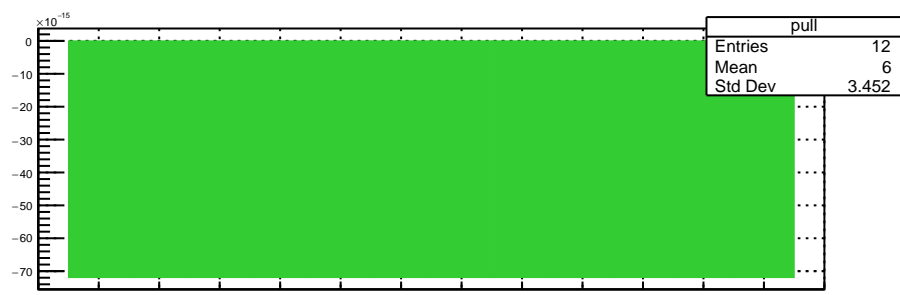
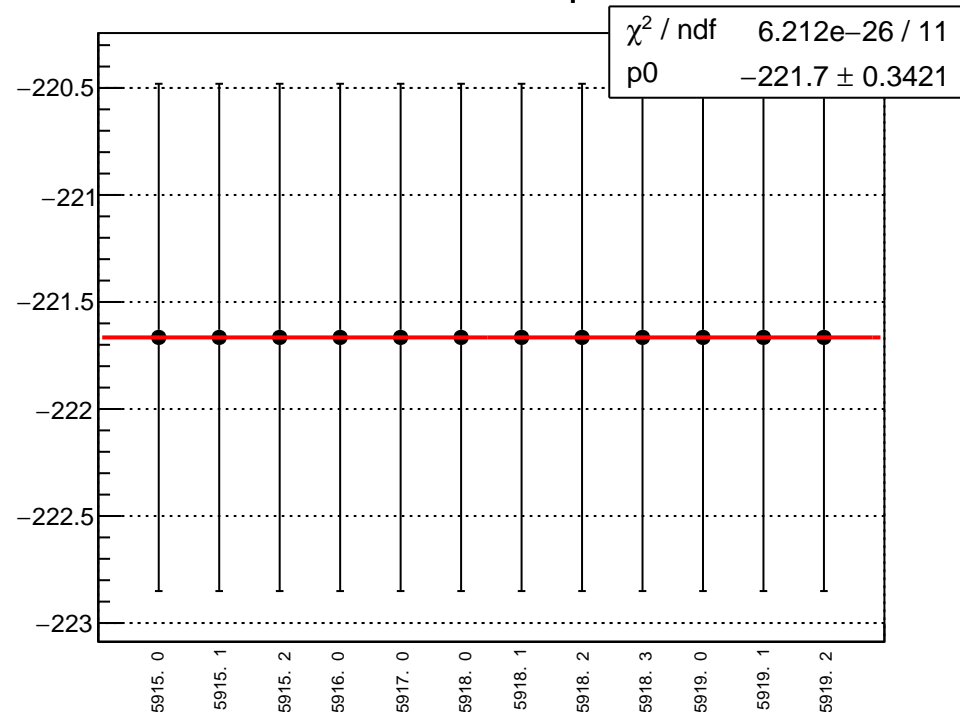
# dit\_sam3\_4eY\_slope vs run



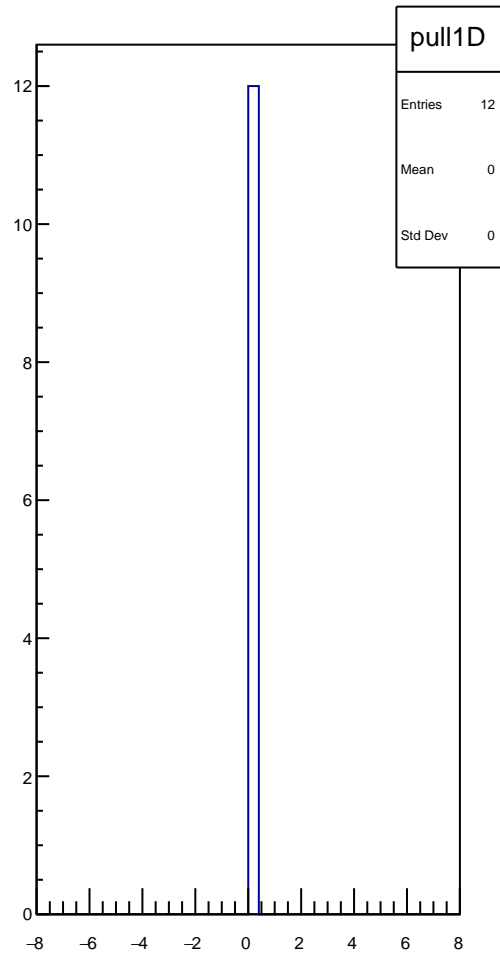
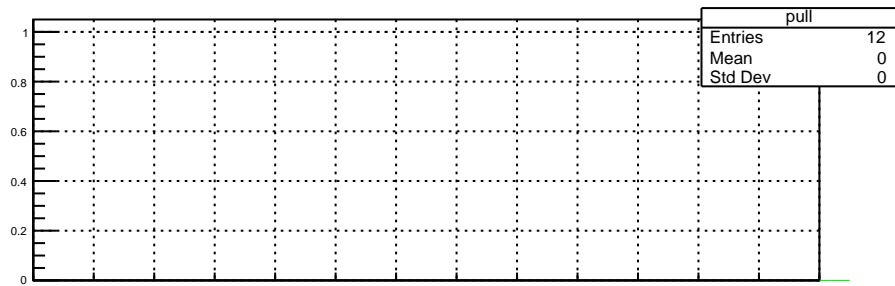
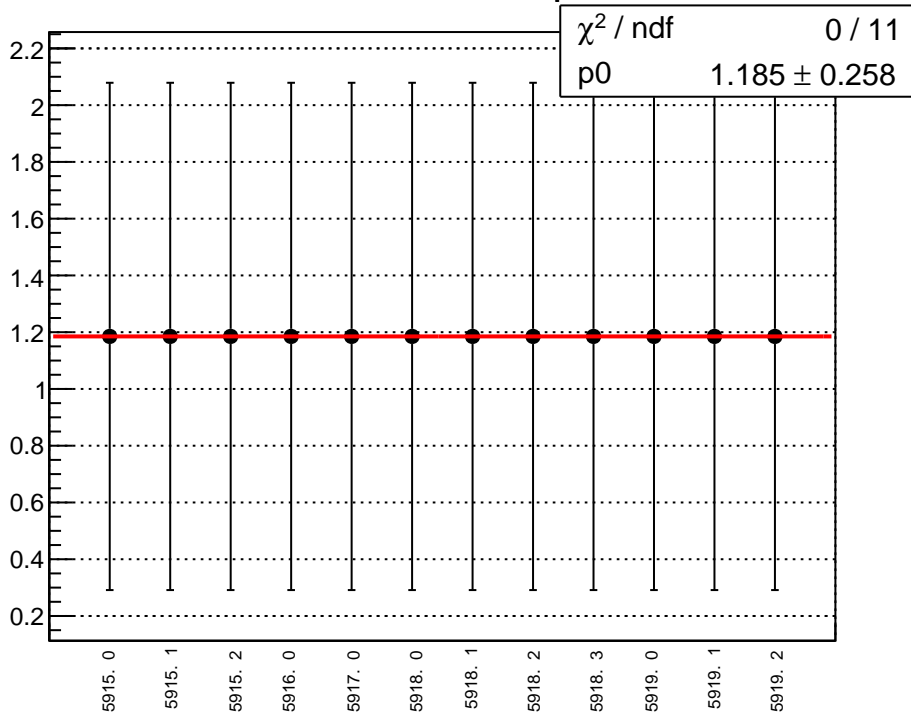
# dit\_sam4\_4aX\_slope vs run



# dit\_sam4\_4eX\_slope vs run

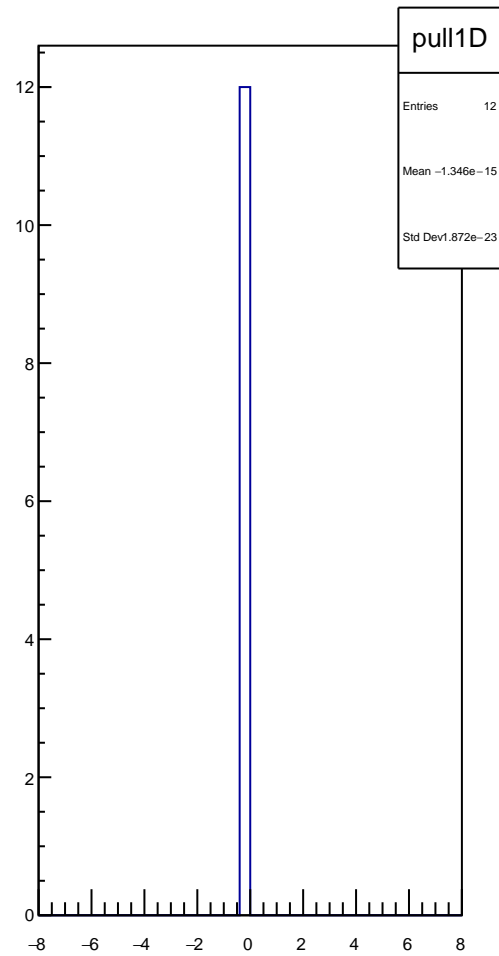
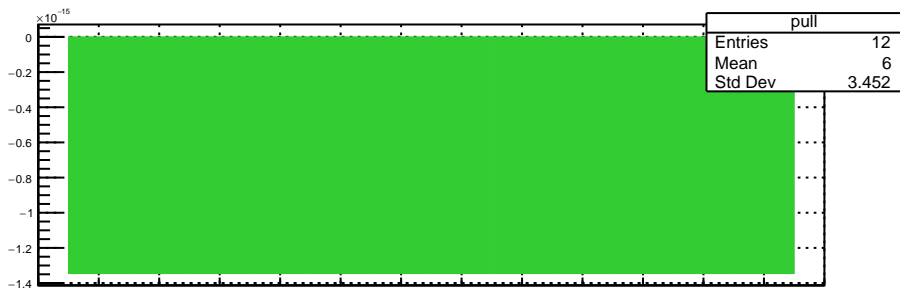
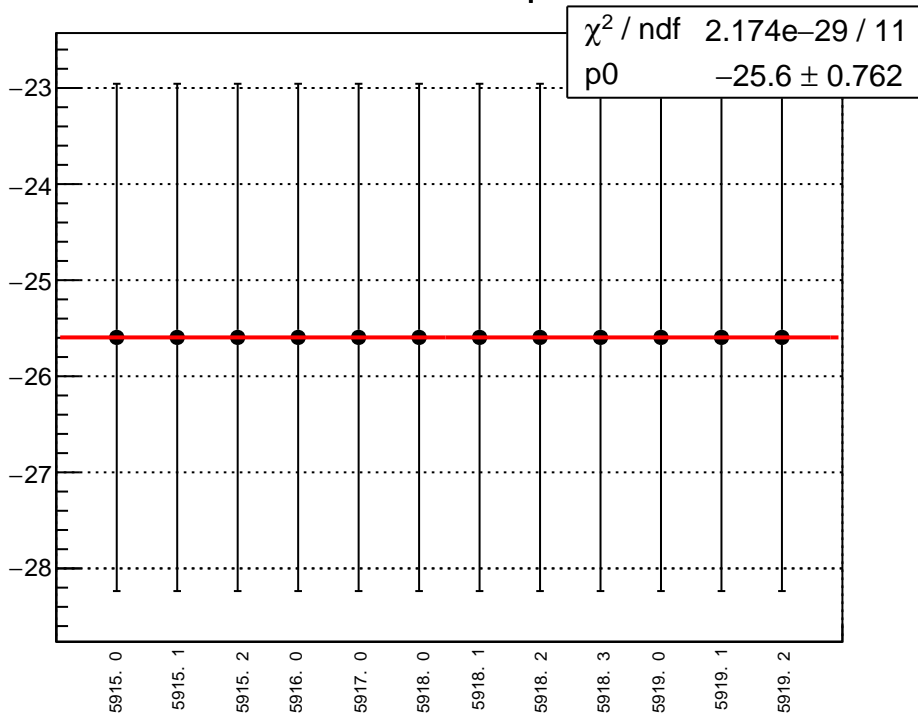


# dit\_sam4\_11X12X\_slope vs run

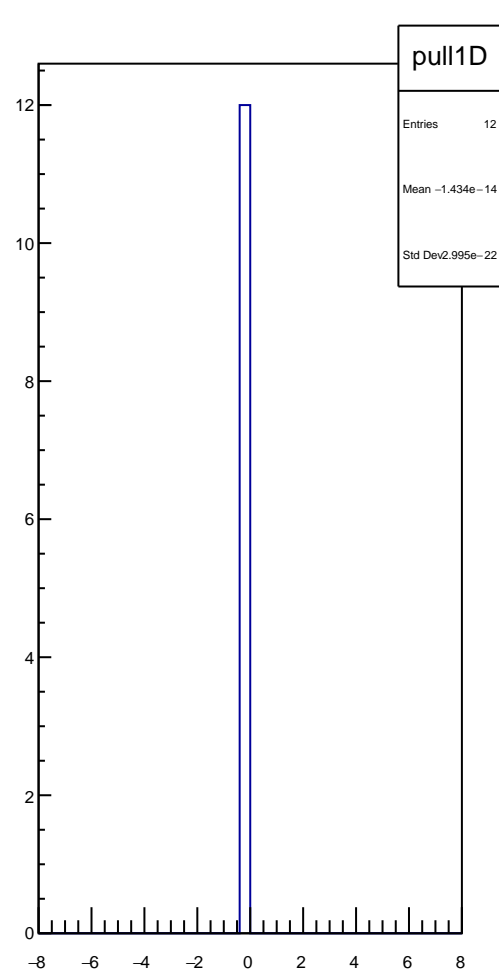
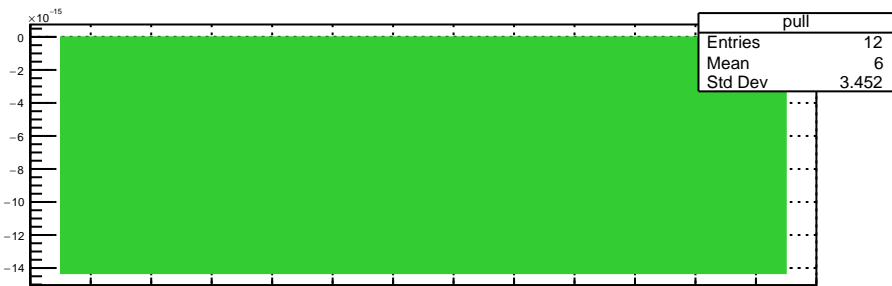
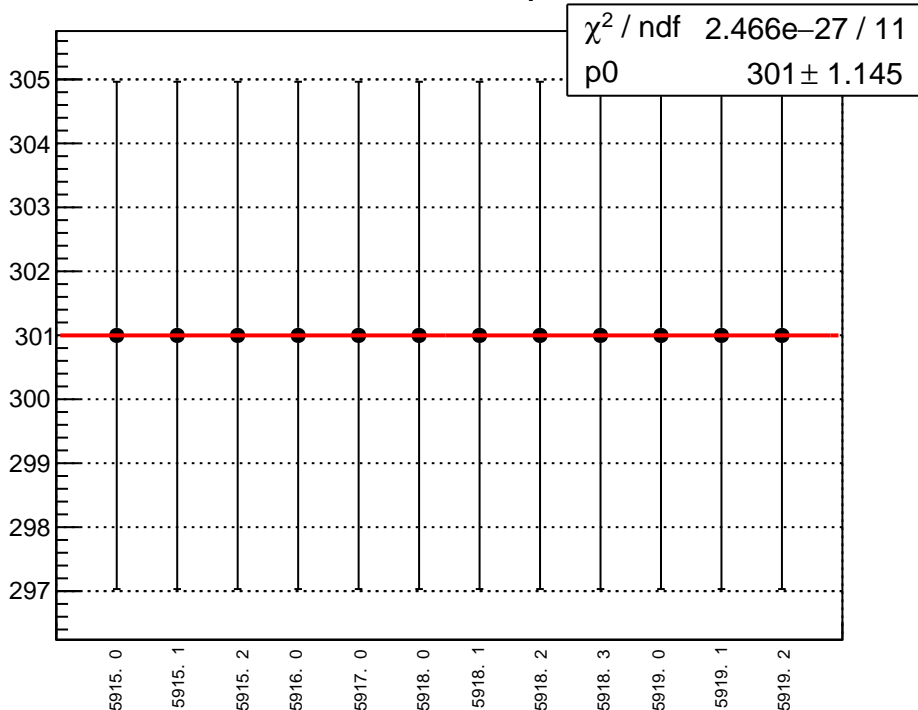




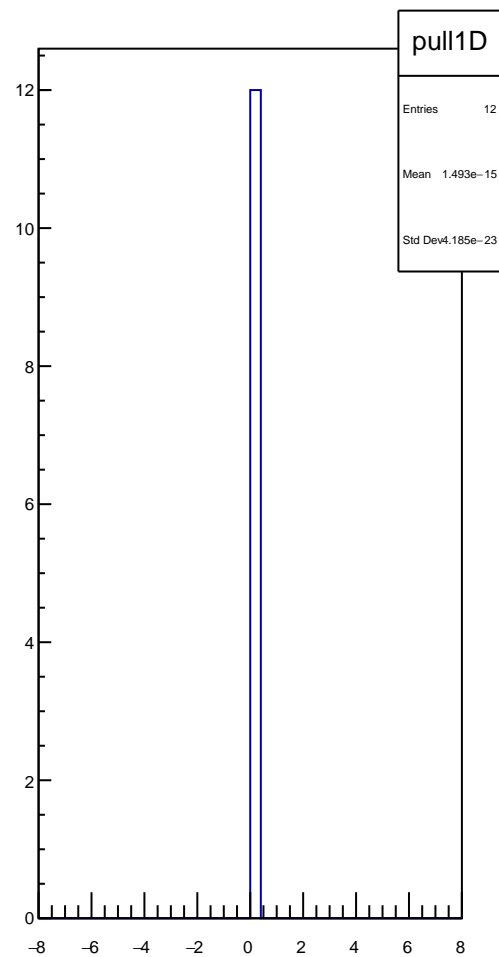
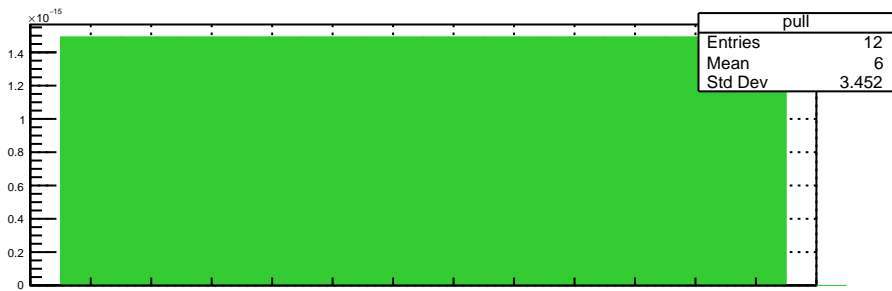
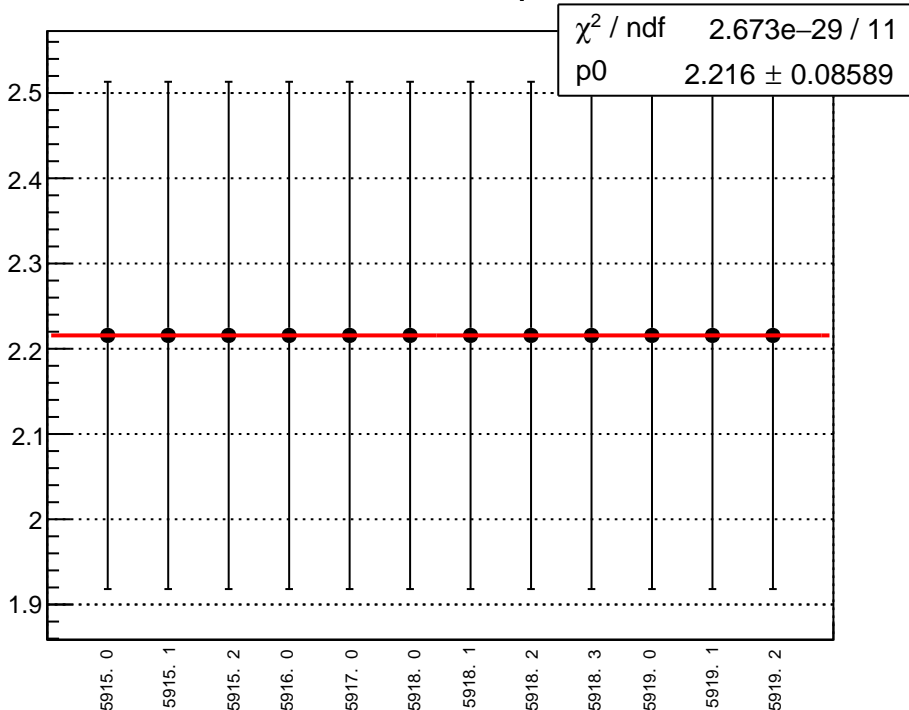
# dit\_sam4\_4aY\_slope vs run



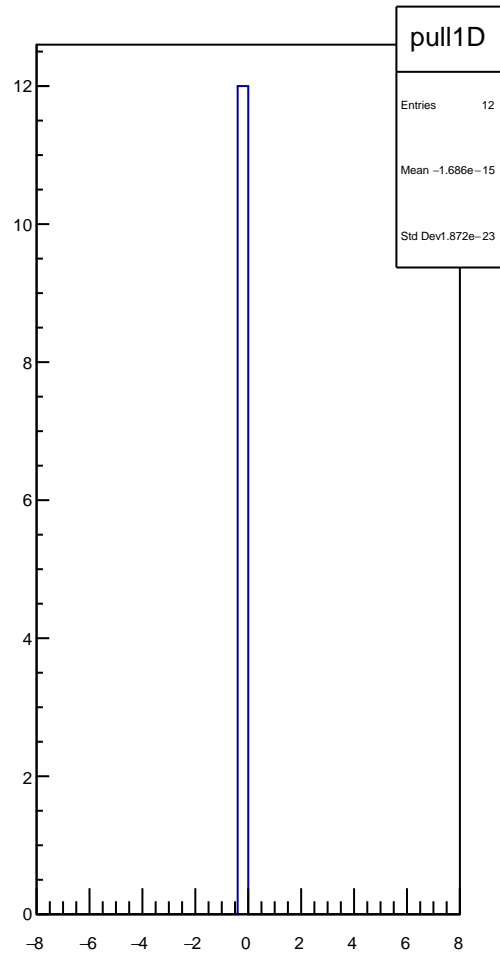
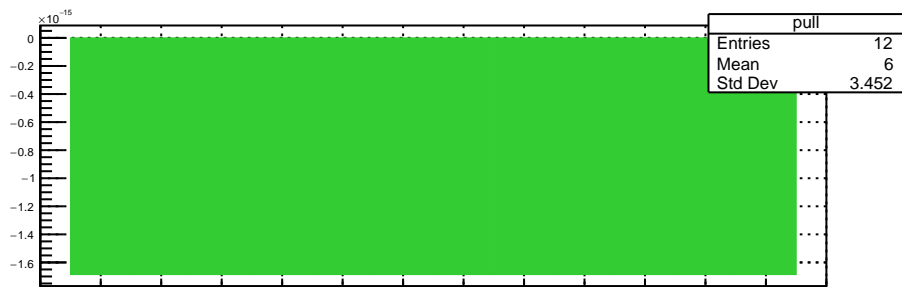
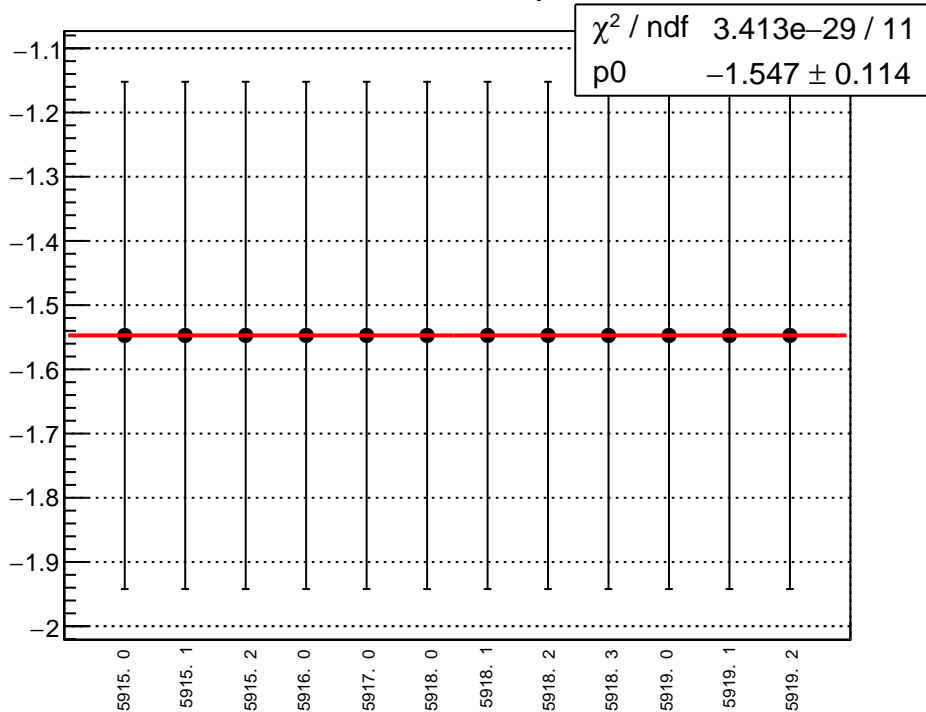
# dit\_sam4\_4eY\_slope vs run



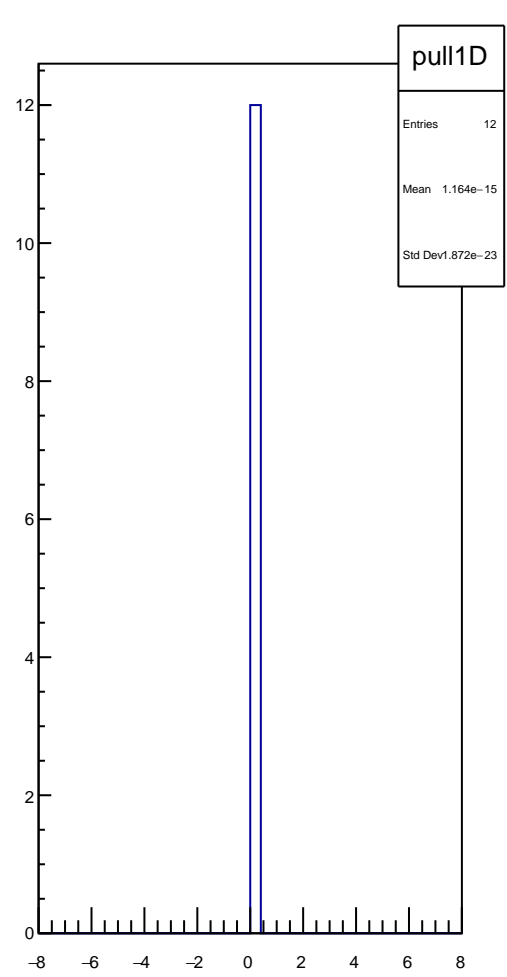
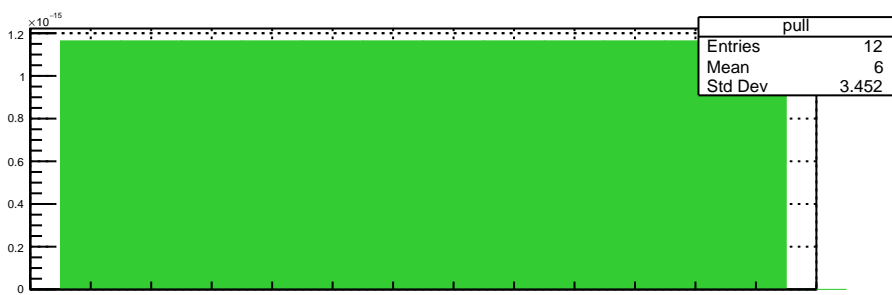
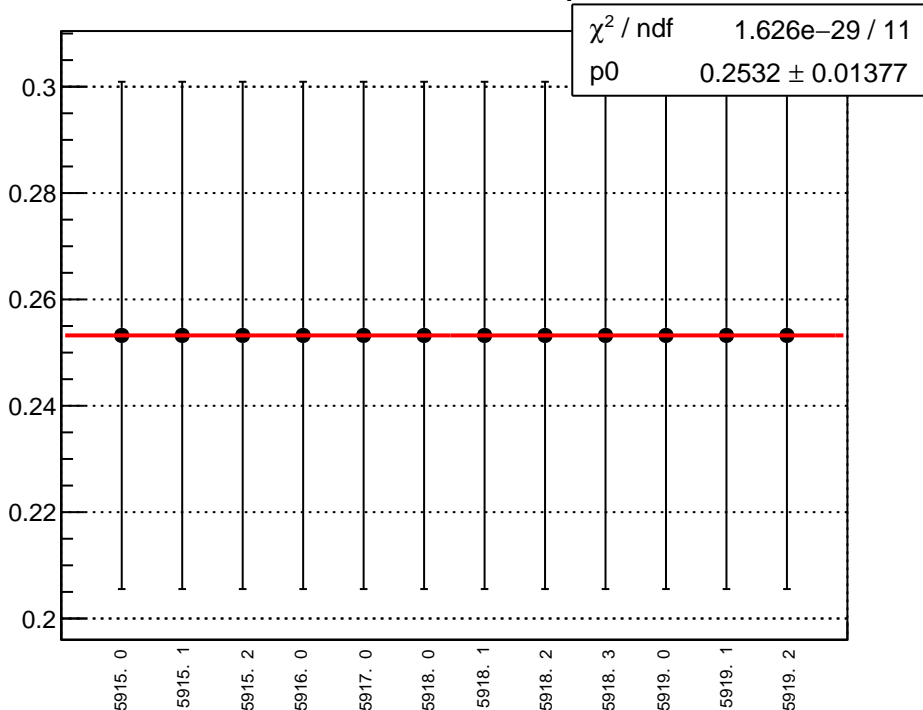
# dit\_sam5\_4aX\_slope vs run



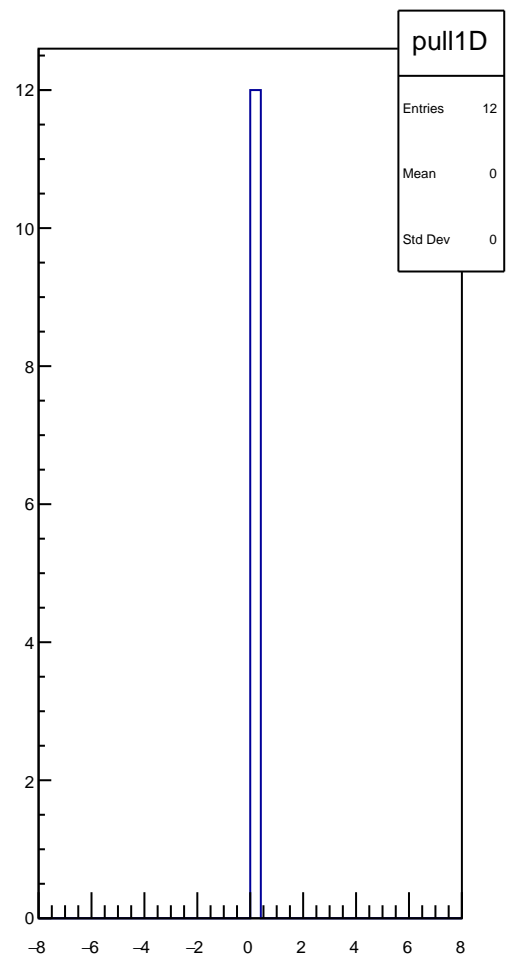
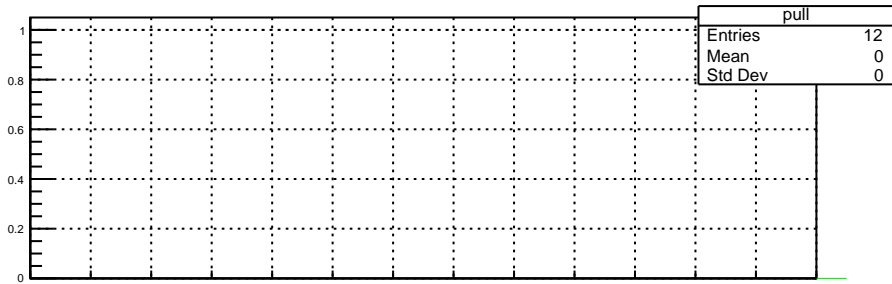
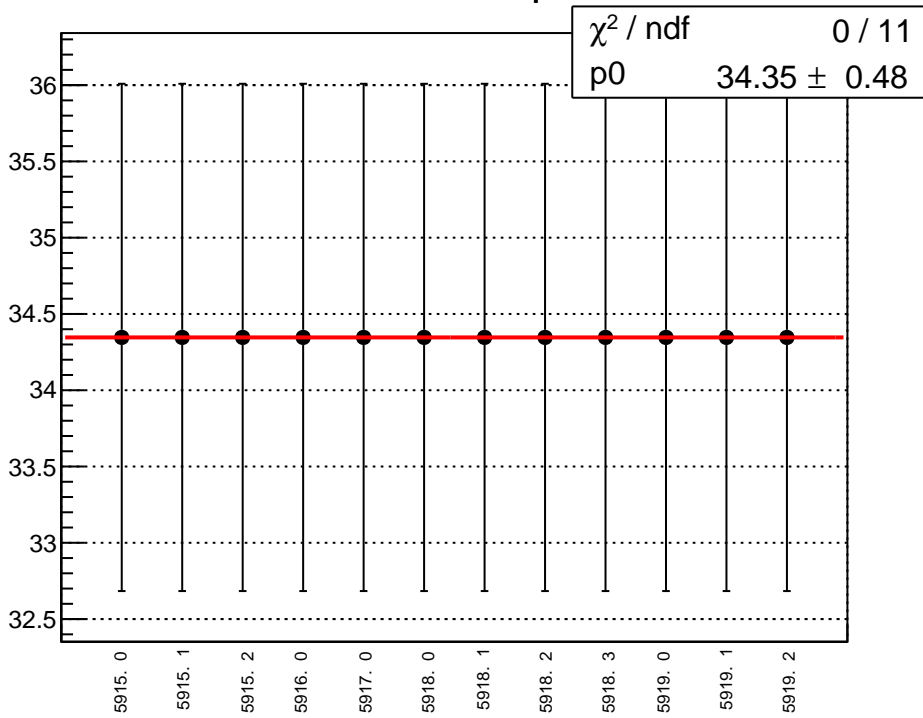
# dit\_sam5\_4eX\_slope vs run



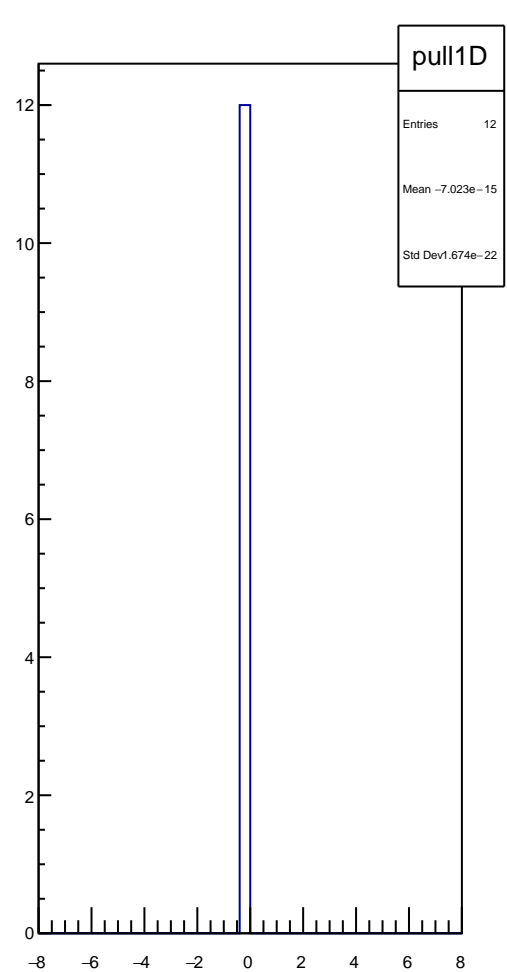
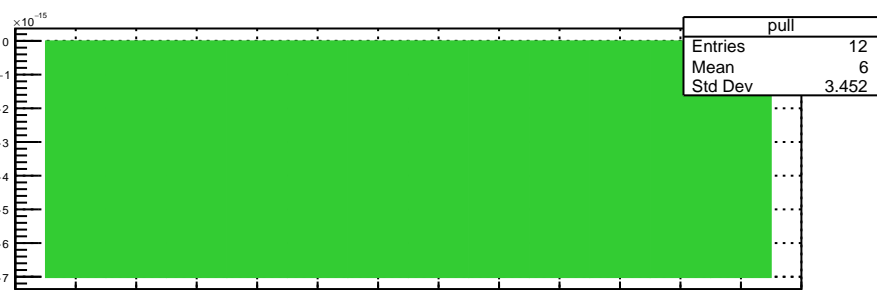
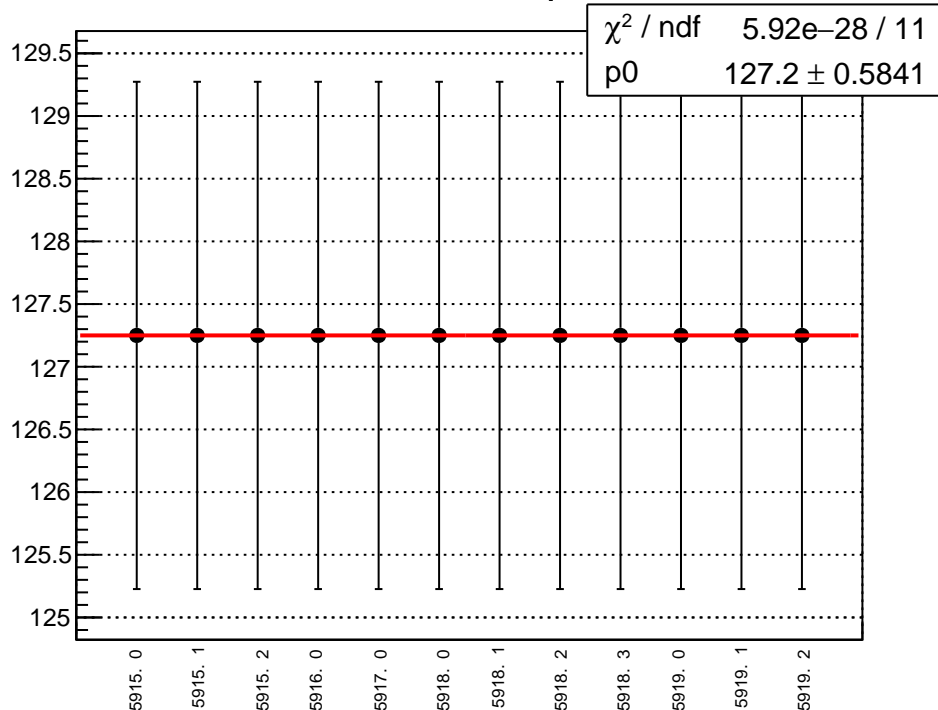
# dit\_sam5\_11X12X\_slope vs run



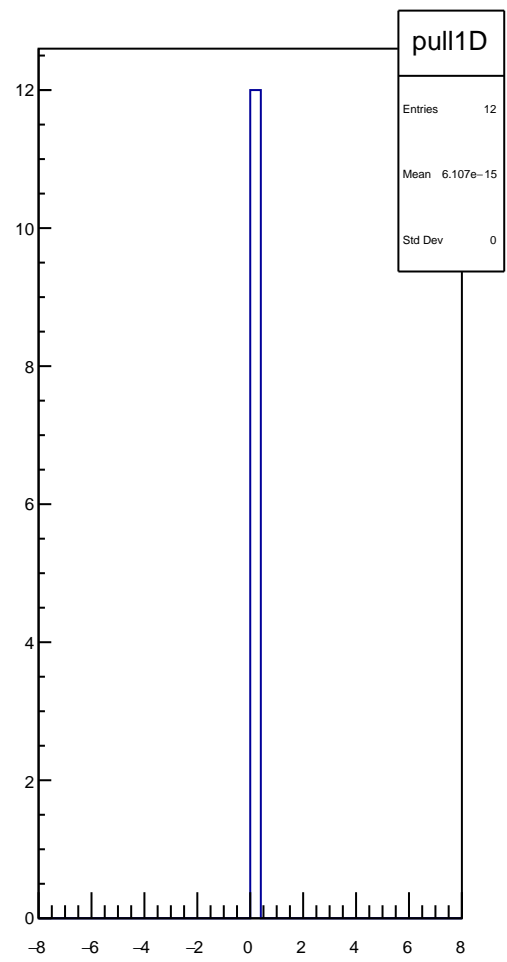
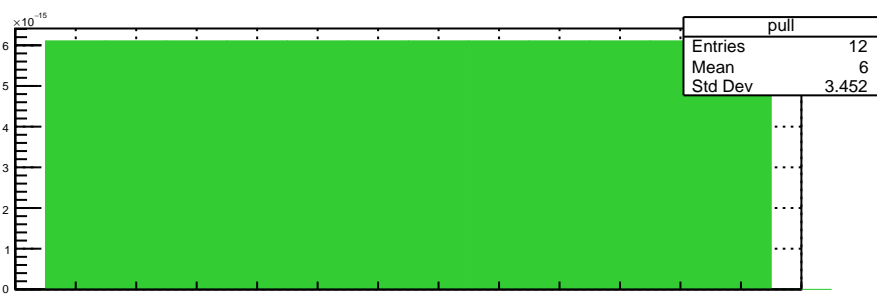
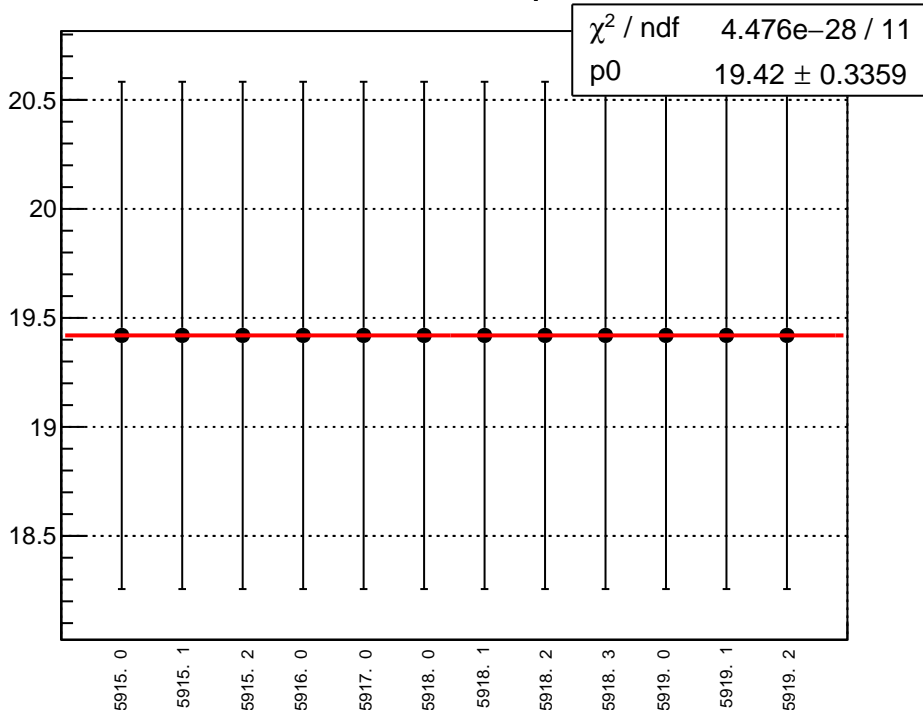
# dit\_sam5\_4aY\_slope vs run



# dit\_sam5\_4eY\_slope vs run

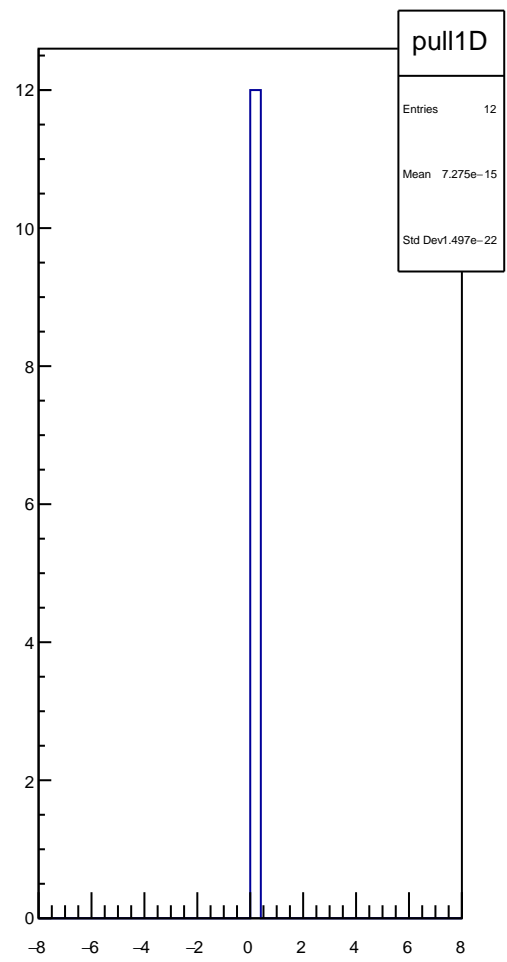
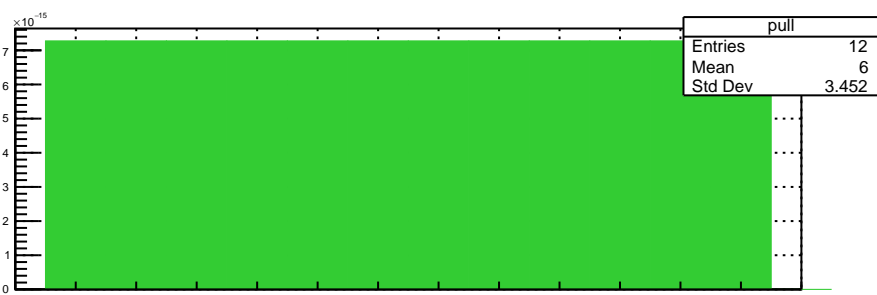
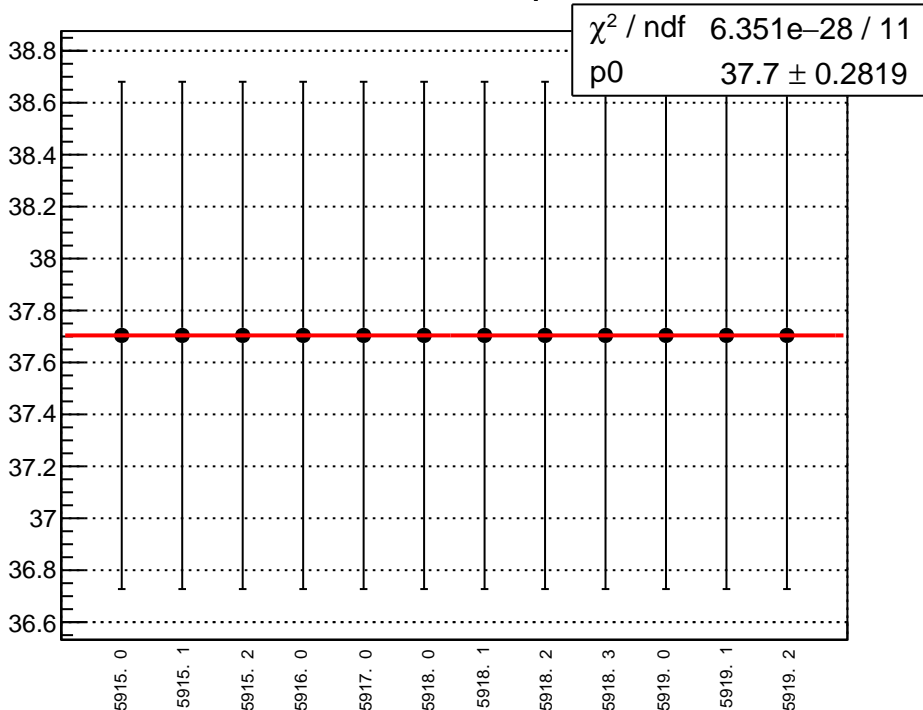


# dit\_sam6\_4aX\_slope vs run

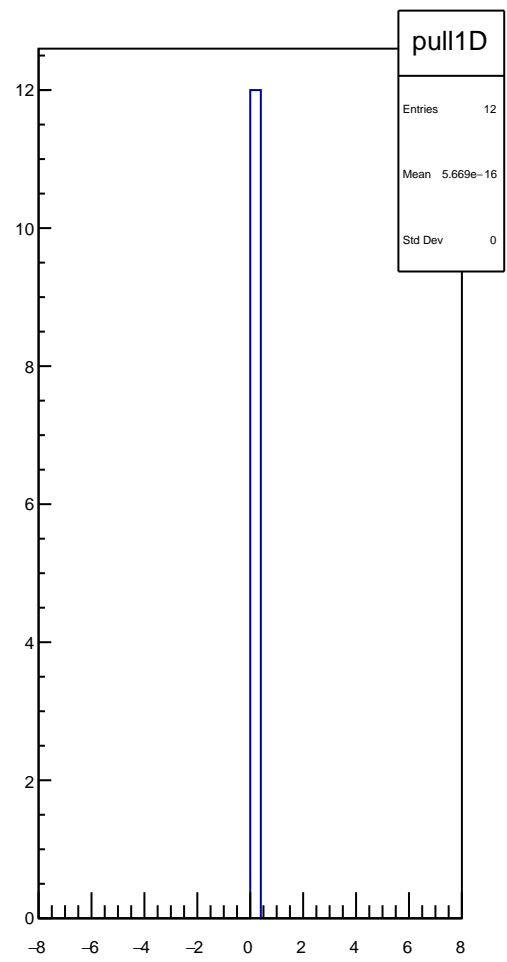
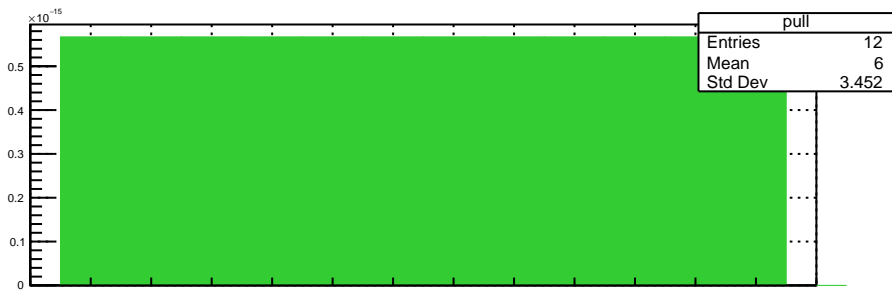
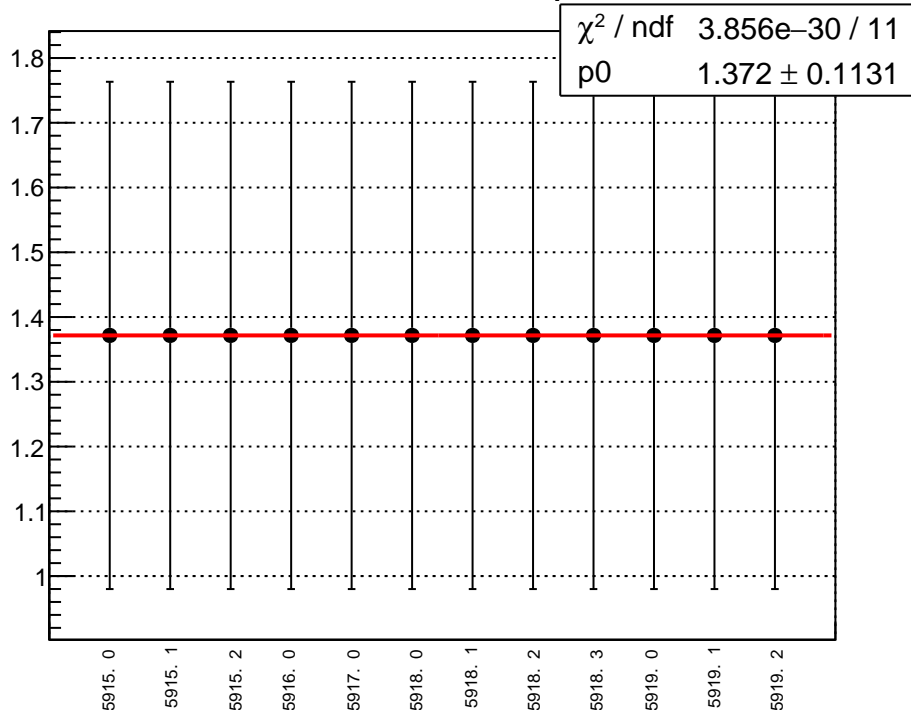




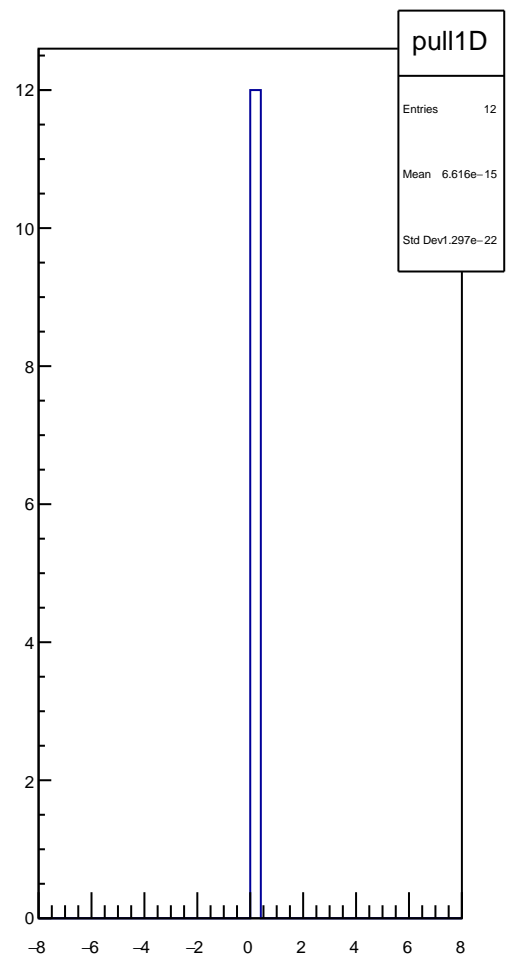
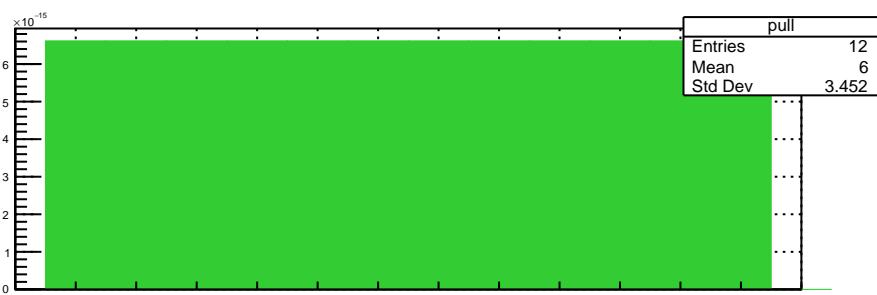
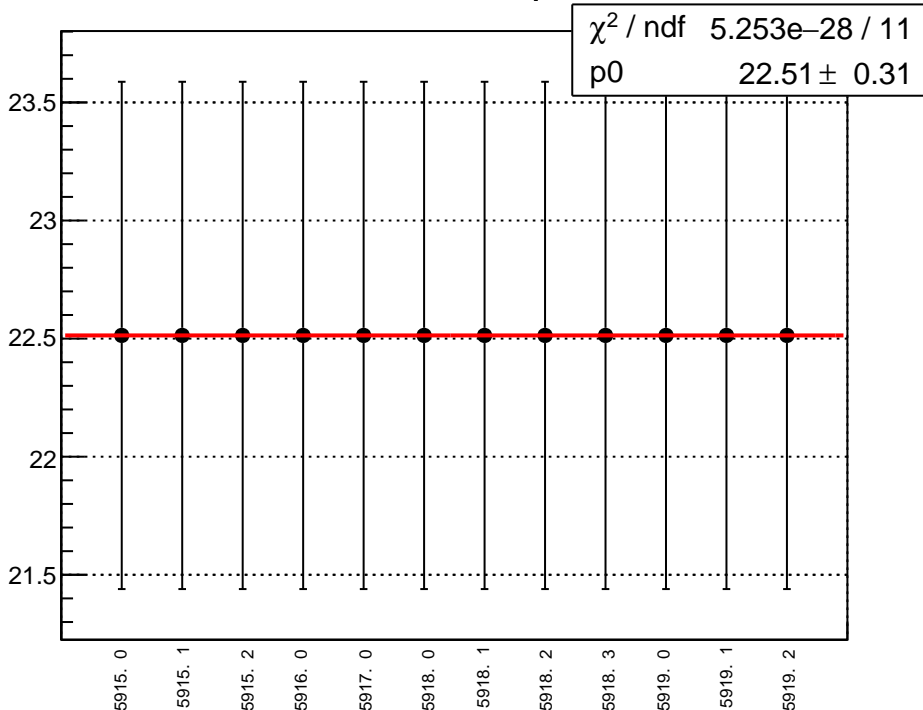
# dit\_sam6\_4eX\_slope vs run



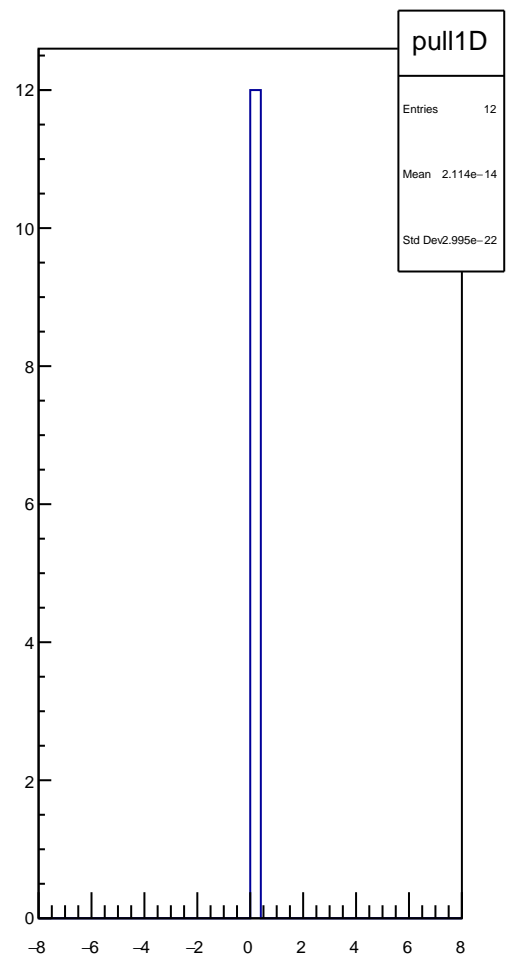
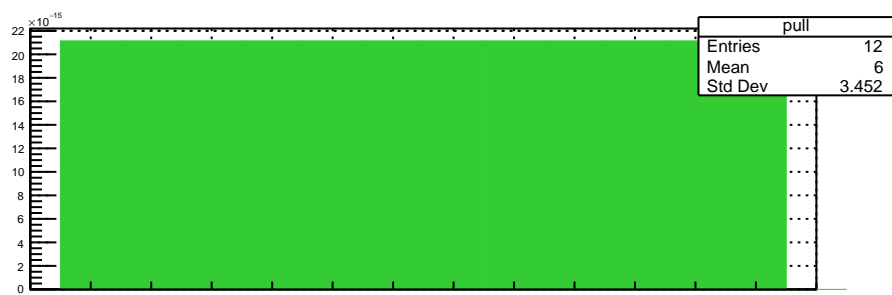
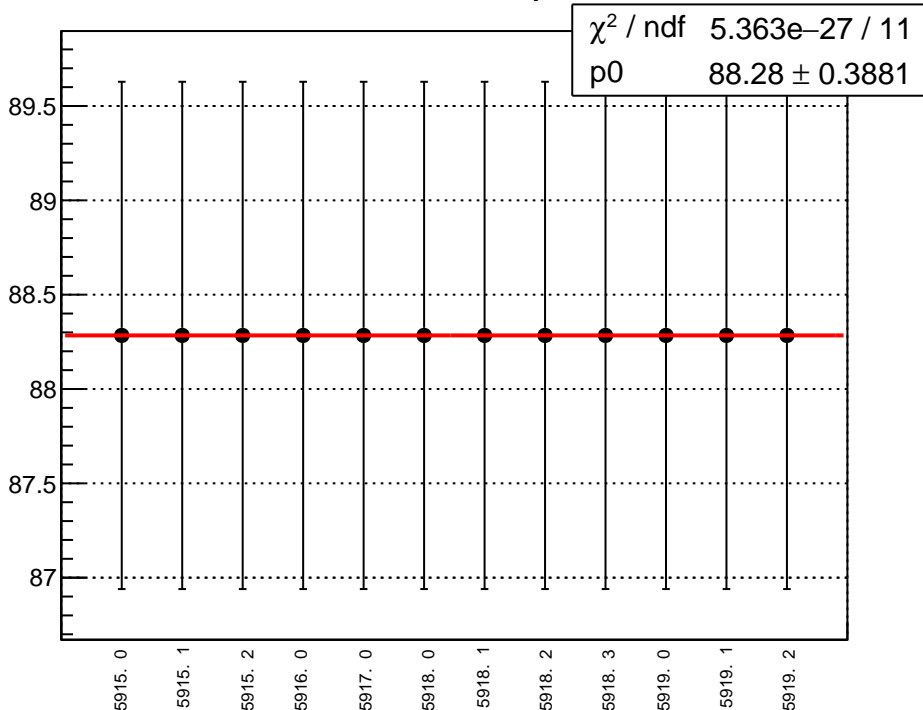
# dit\_sam6\_11X12X\_slope vs run



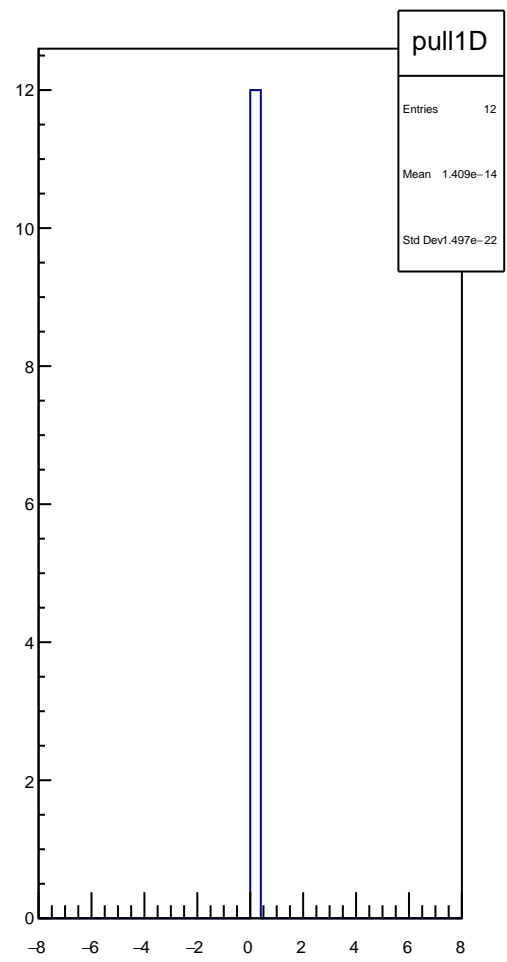
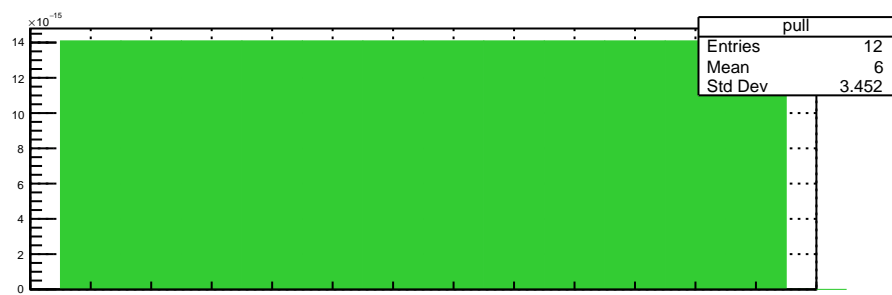
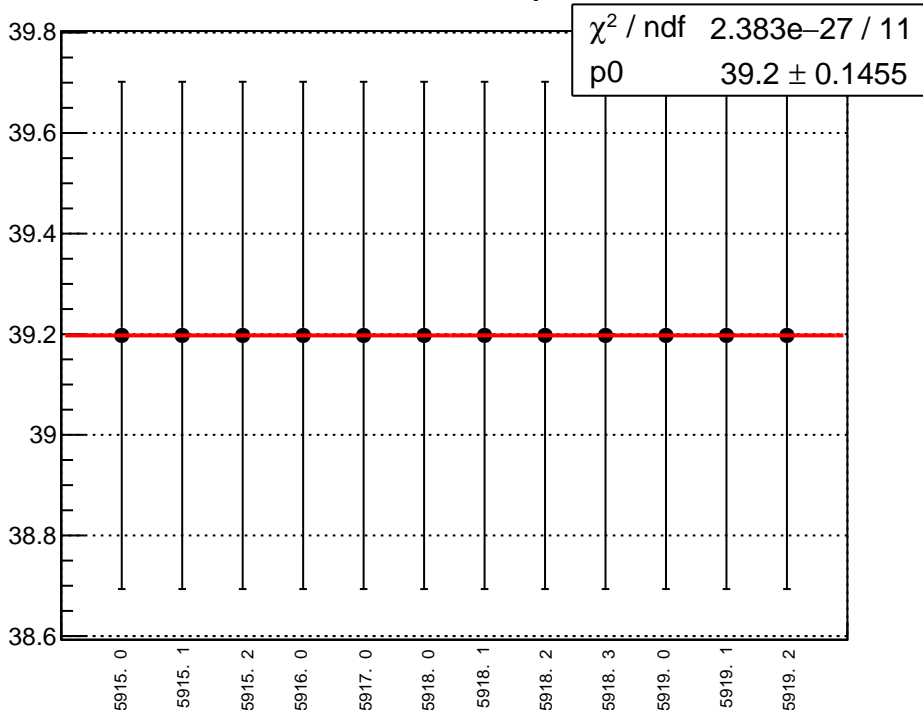
# dit\_sam6\_4aY\_slope vs run



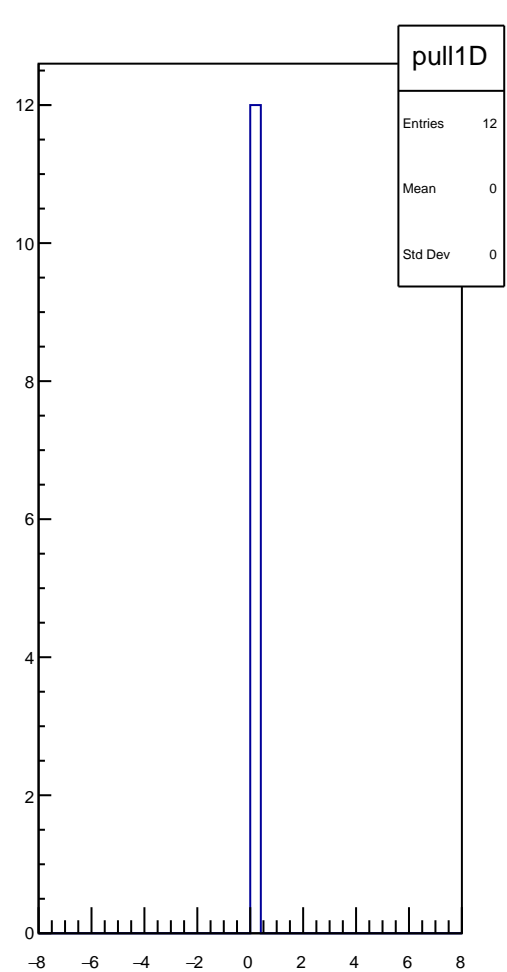
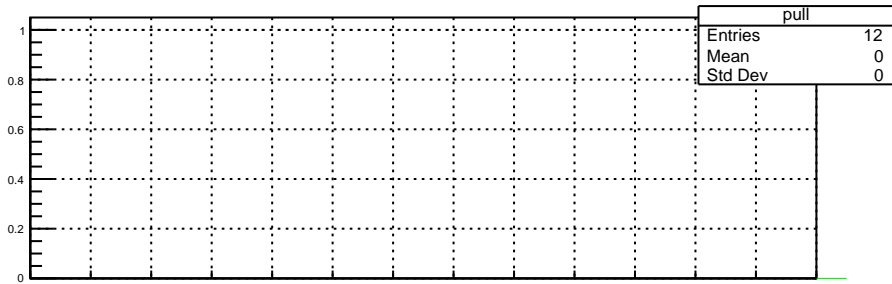
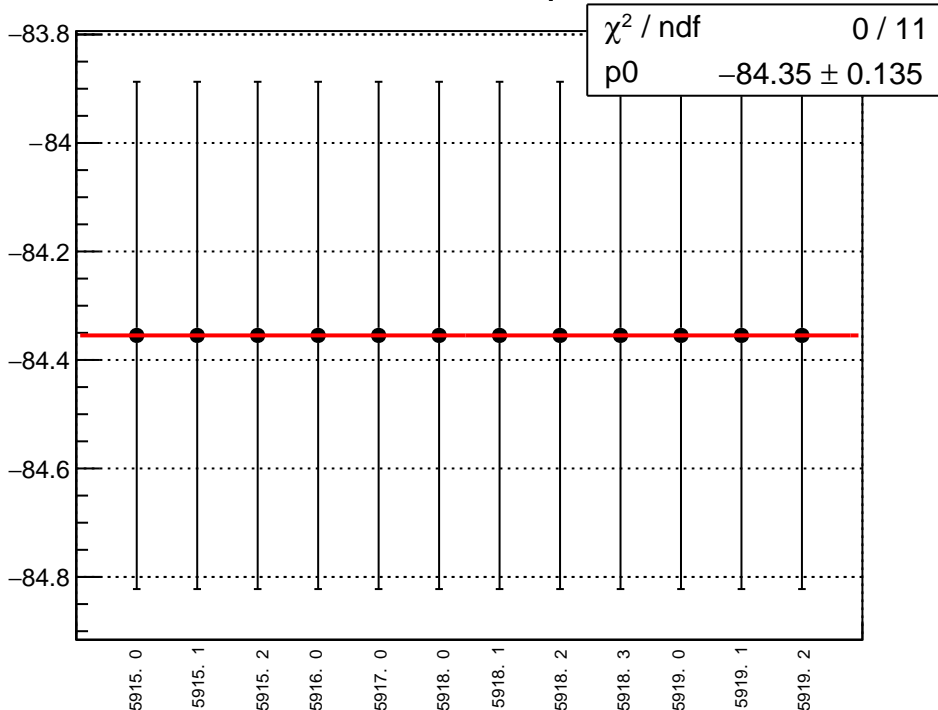
# dit\_sam6\_4eY\_slope vs run



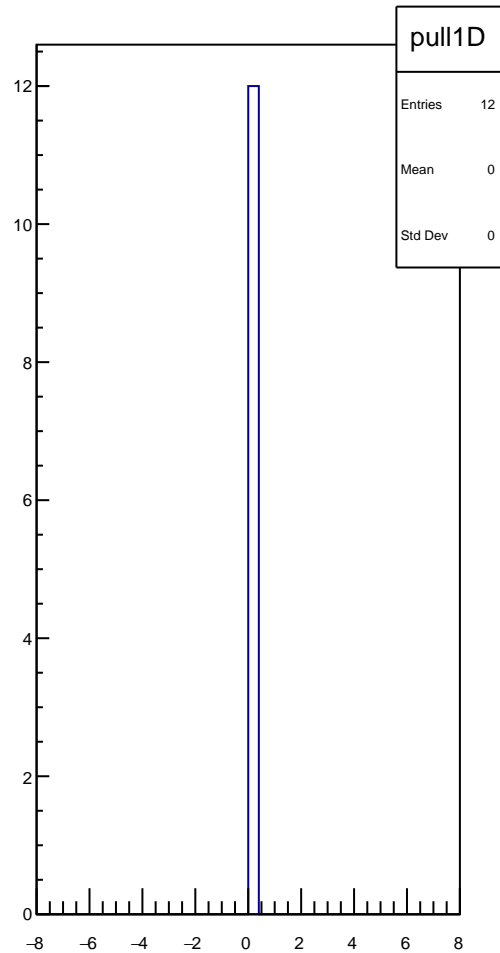
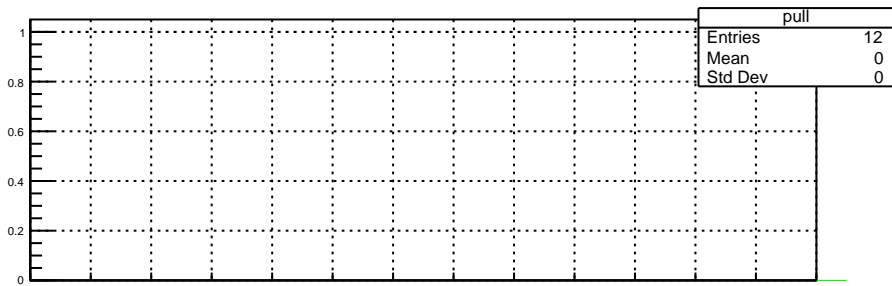
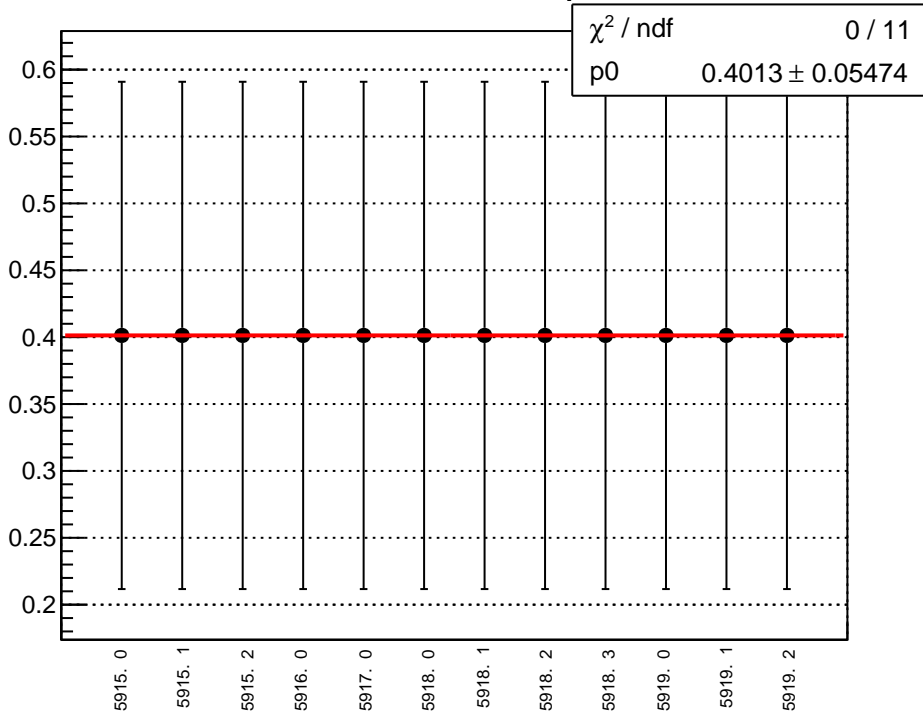
# dit\_sam7\_4aX\_slope vs run



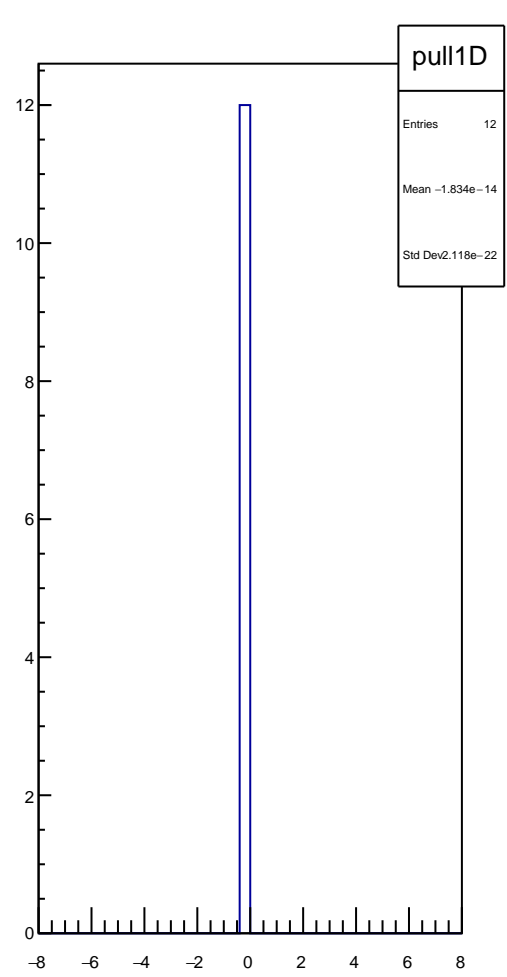
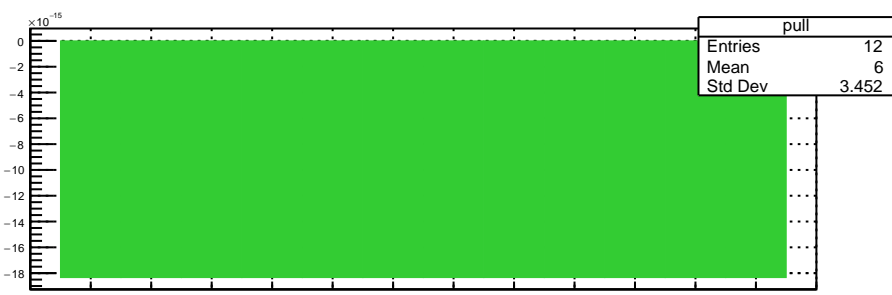
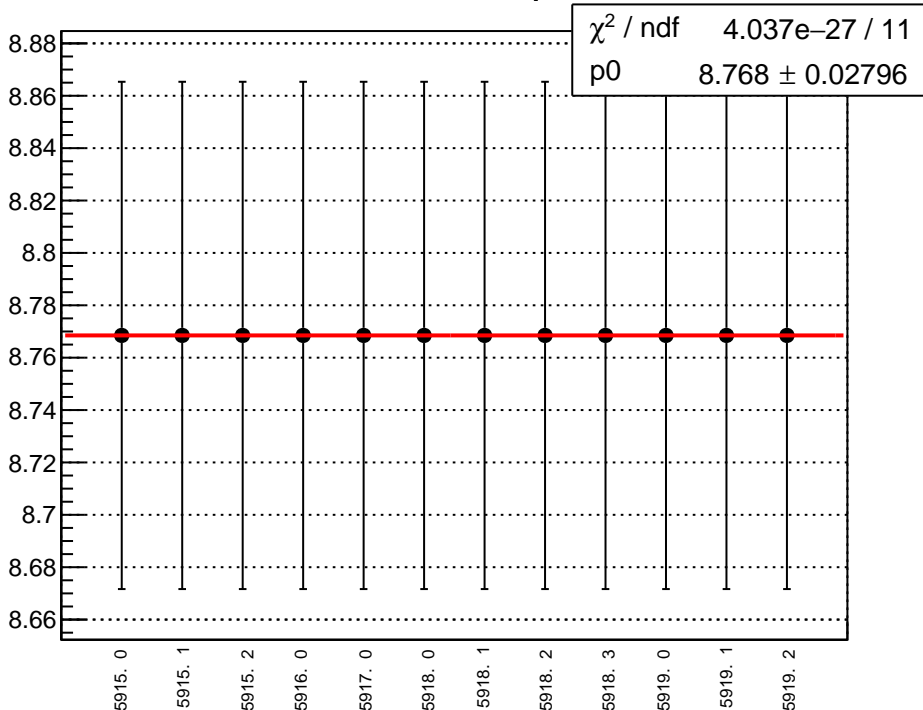
# dit\_sam7\_4eX\_slope vs run



# dit\_sam7\_11X12X\_slope vs run



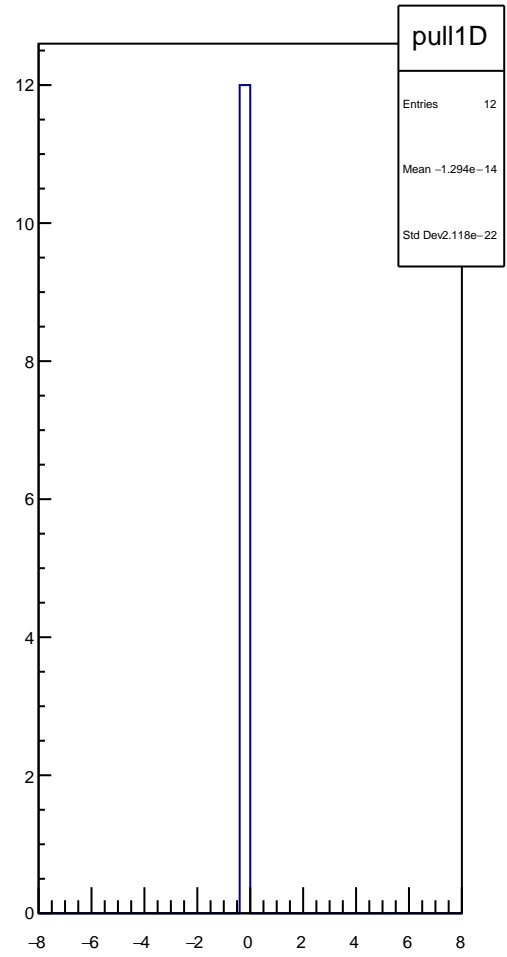
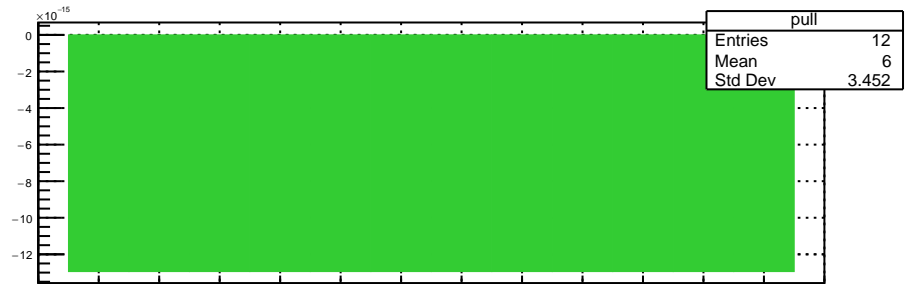
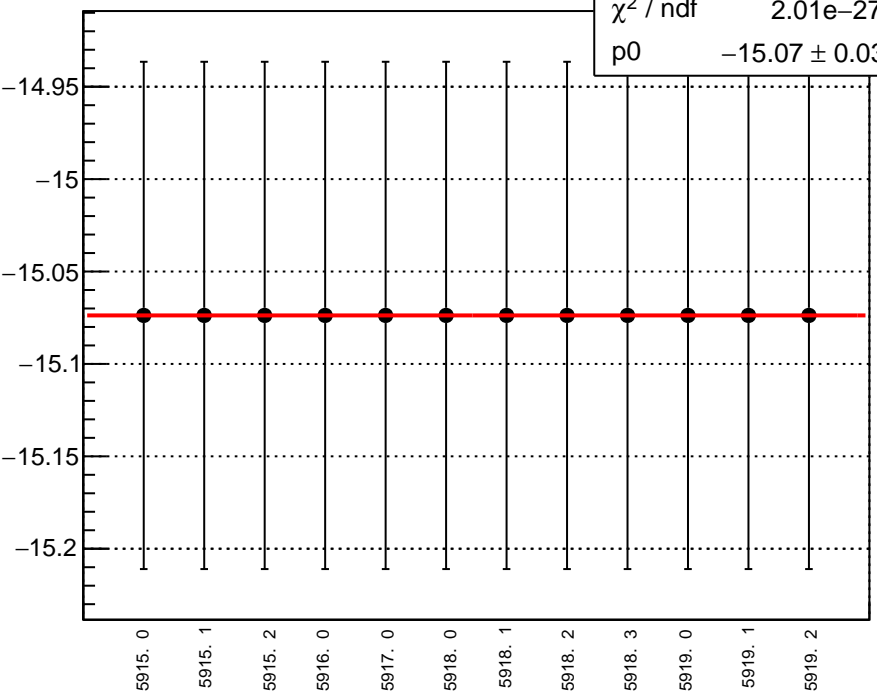
# dit\_sam7\_4aY\_slope vs run



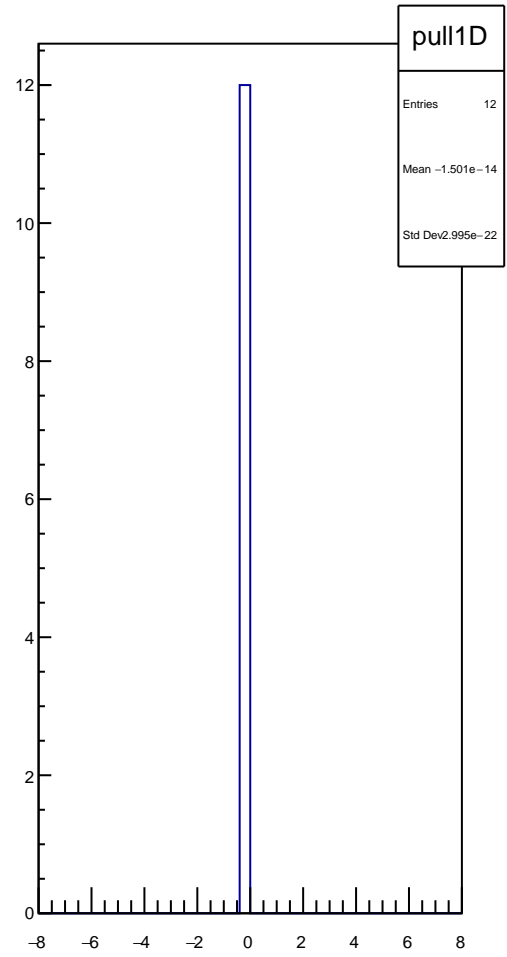
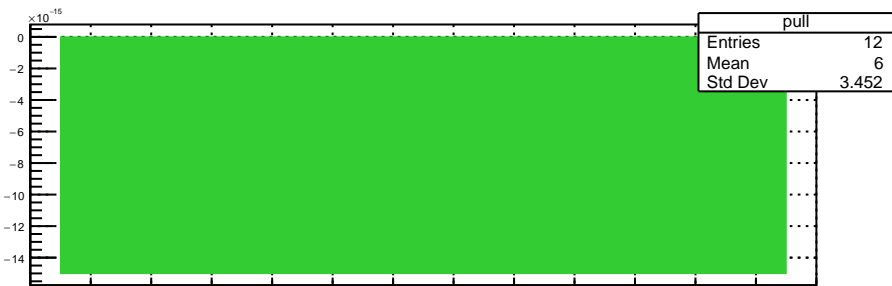
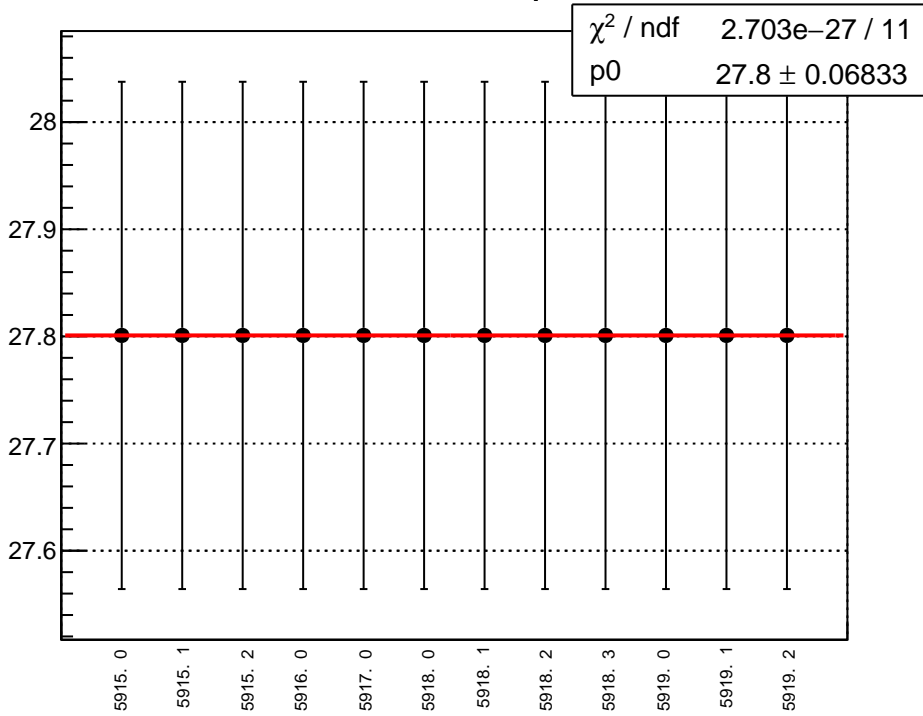


# dit\_sam7\_4eY\_slope vs run

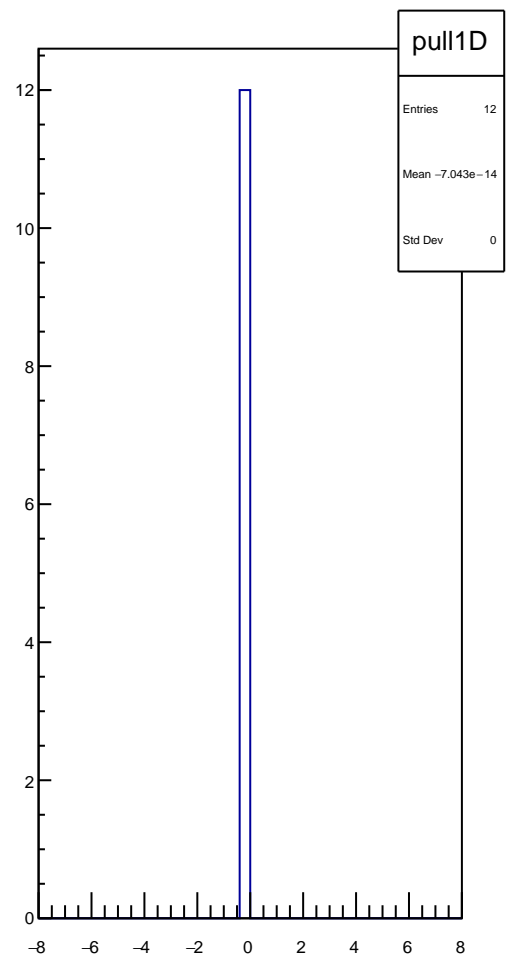
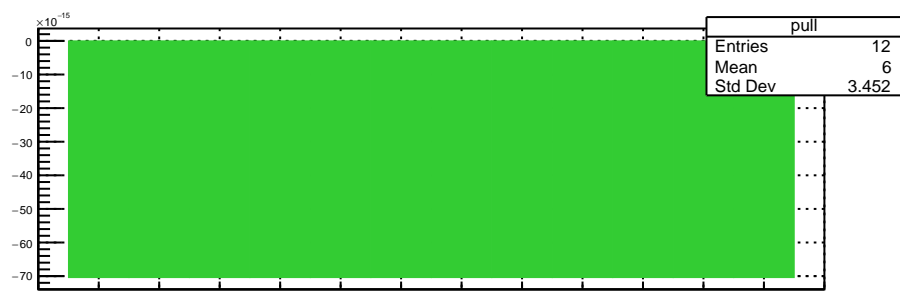
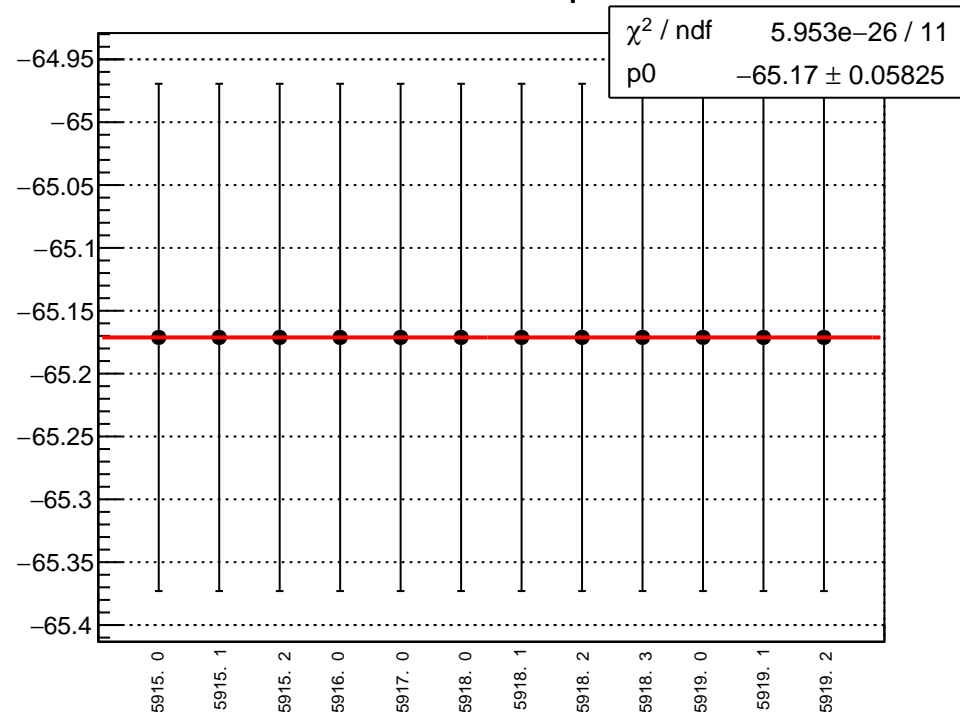
$\chi^2 / \text{ndf}$     2.01e-27 / 11  
p0    -15.07 ± 0.03962



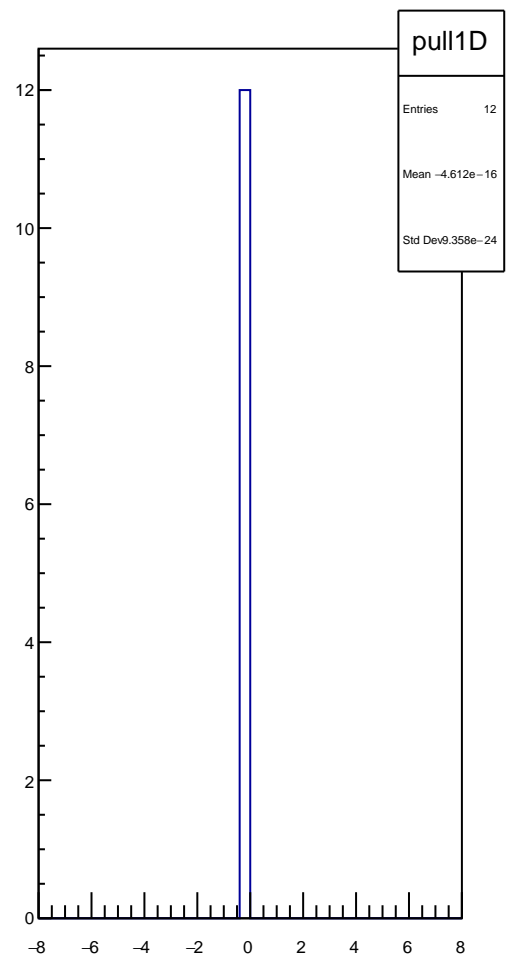
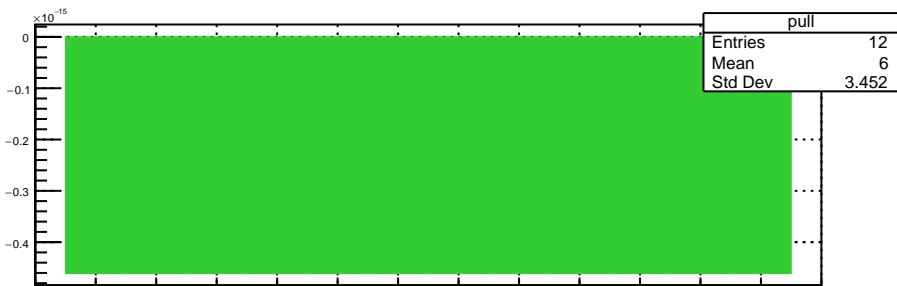
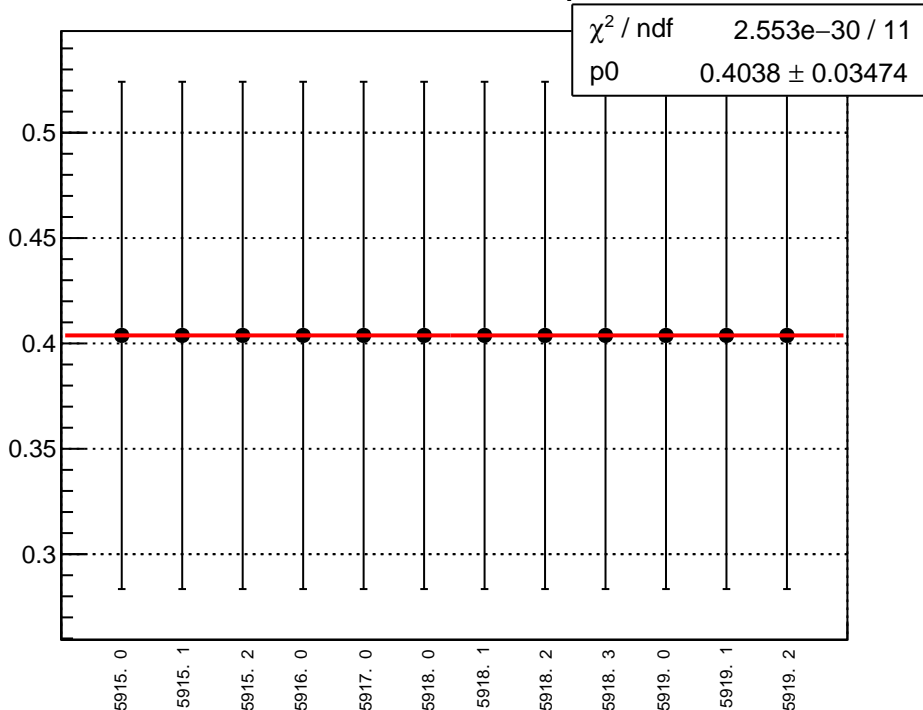
# dit\_sam8\_4aX\_slope vs run



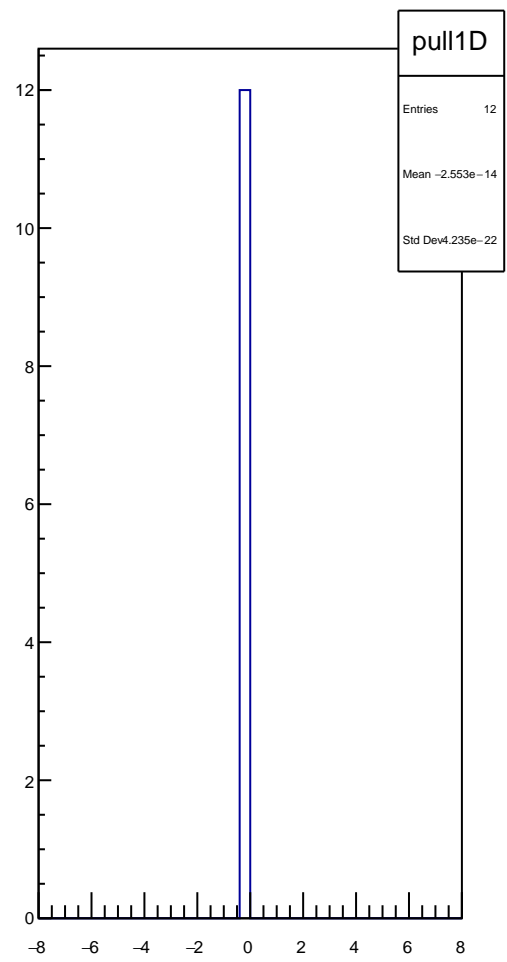
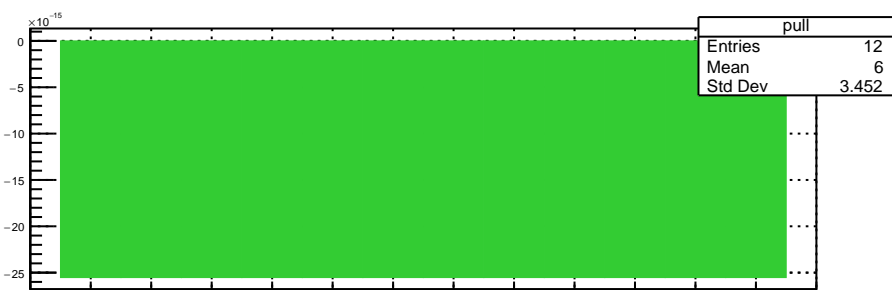
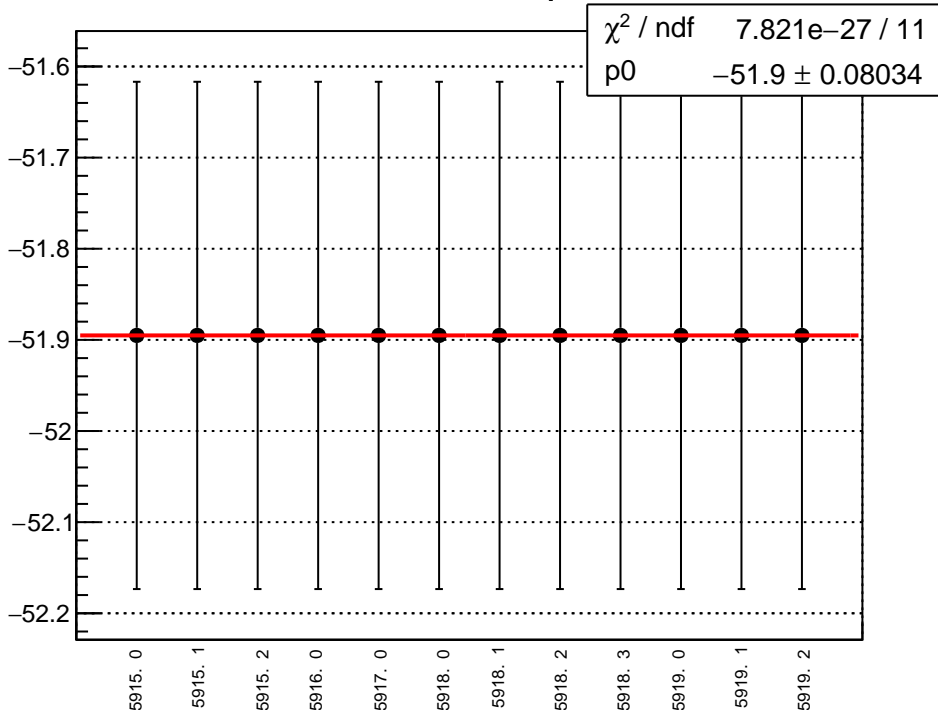
# dit\_sam8\_4eX\_slope vs run



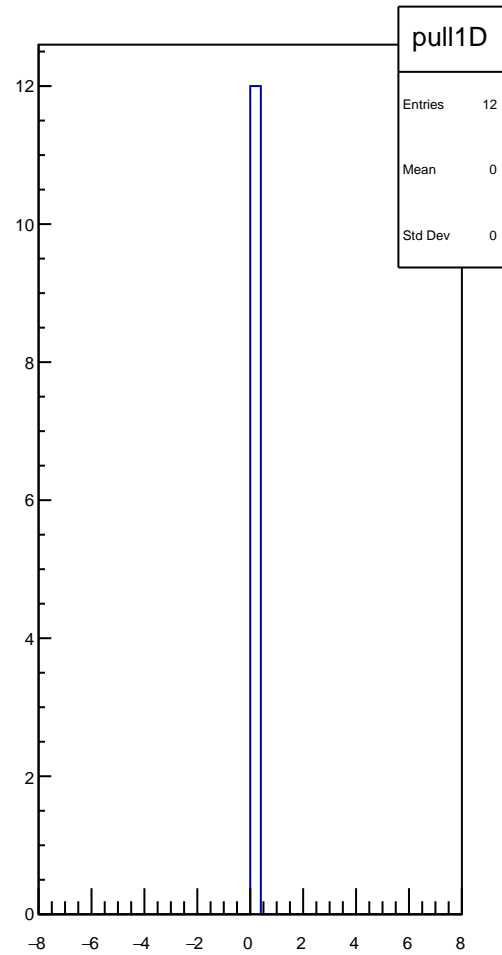
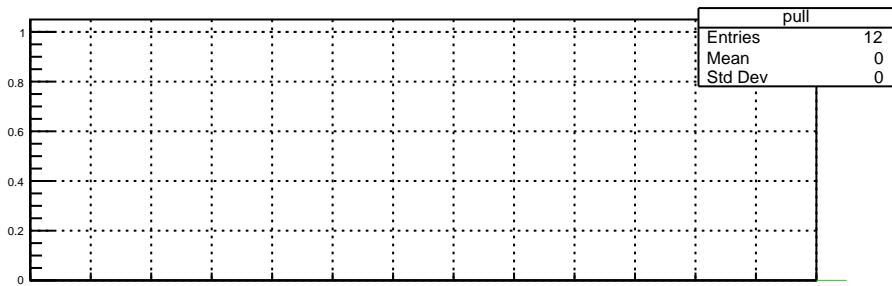
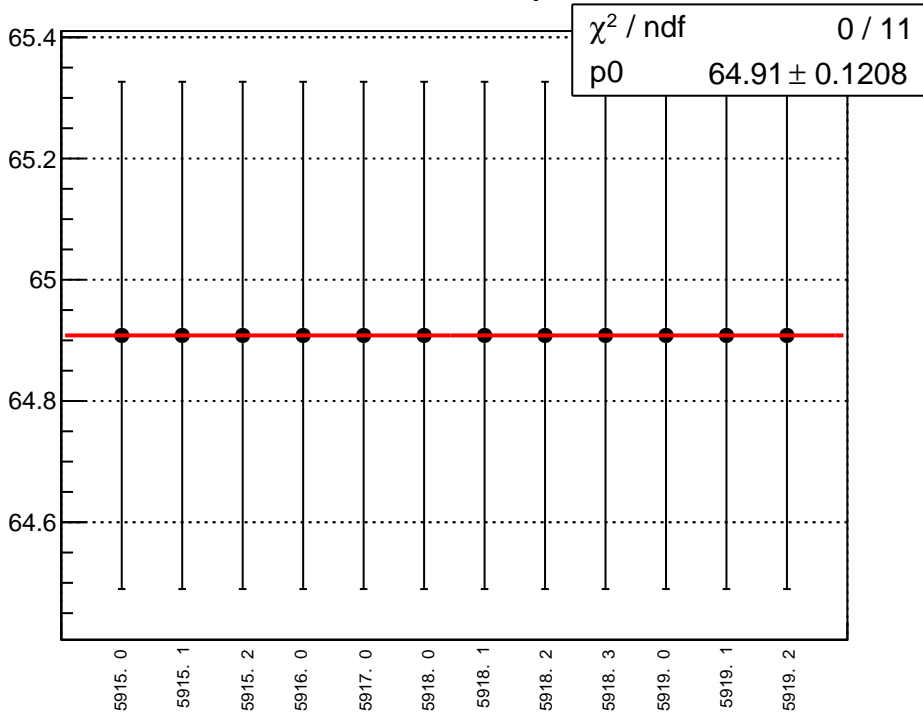
# dit\_sam8\_11X12X\_slope vs run



# dit\_sam8\_4aY\_slope vs run



# dit\_sam8\_4eY\_slope vs run



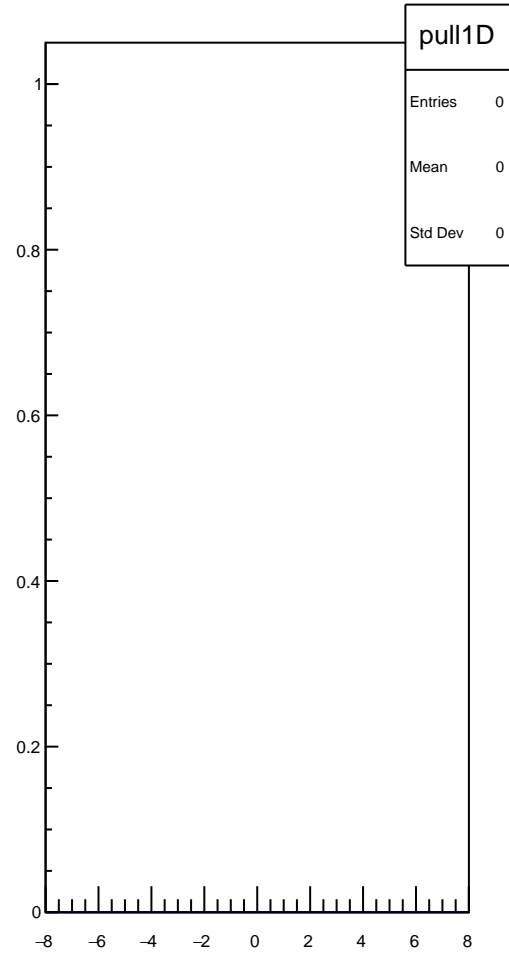




















































































































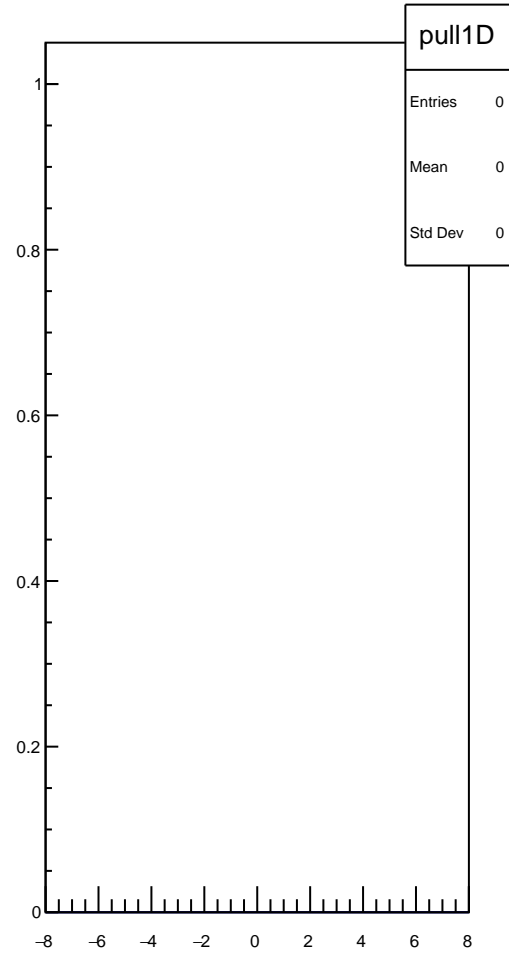




























































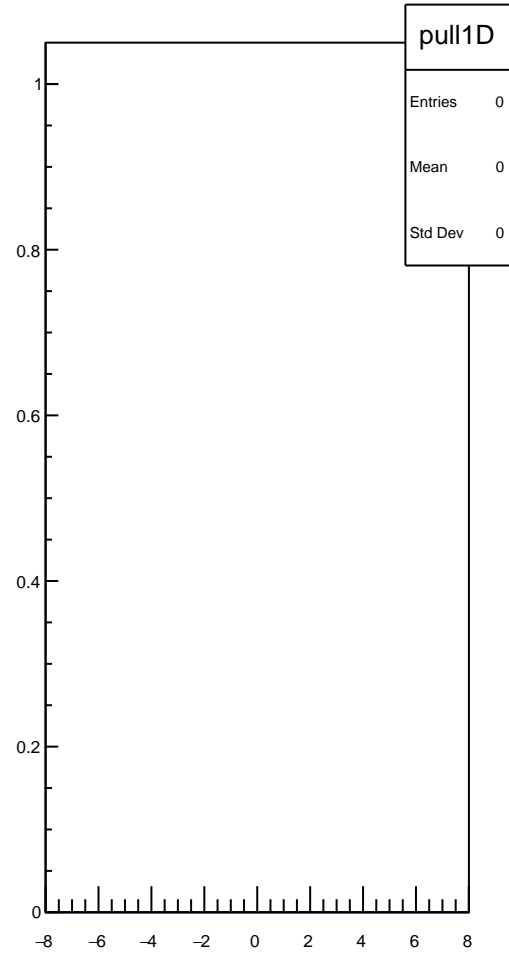






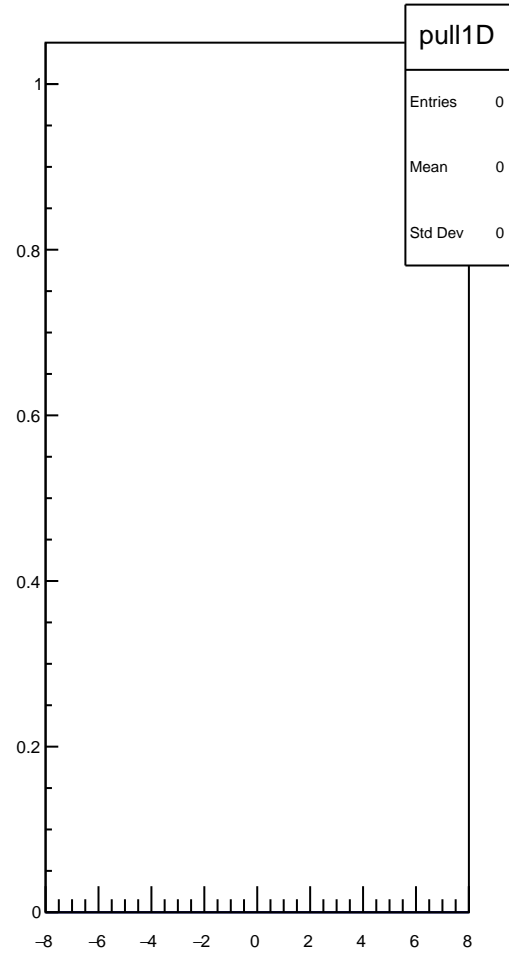








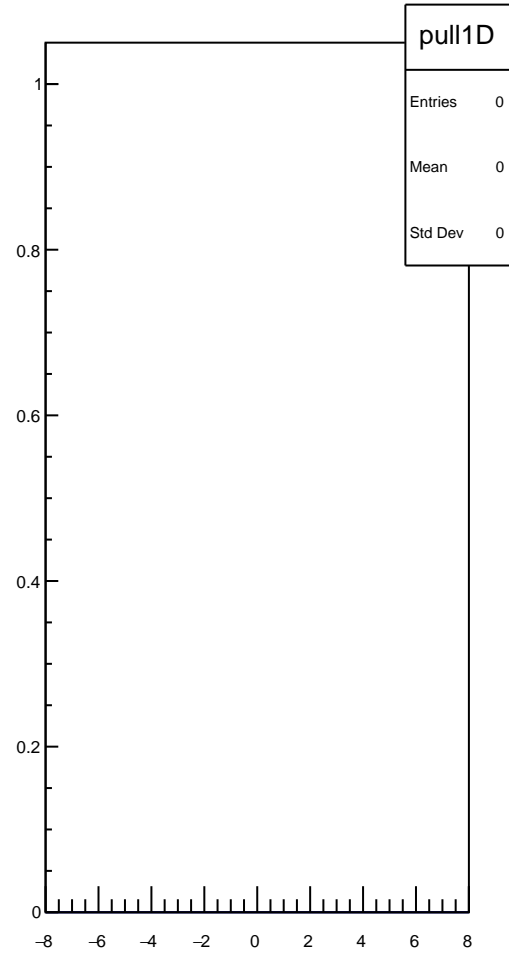








































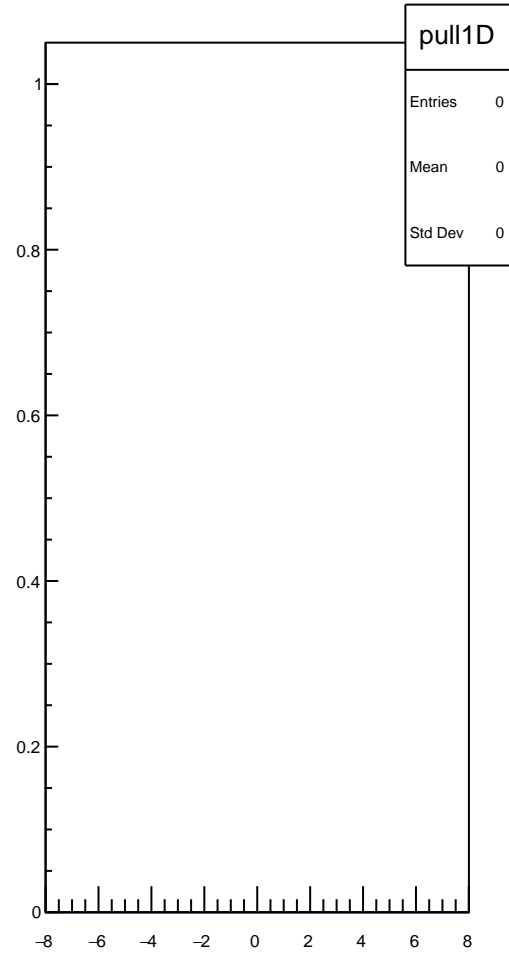


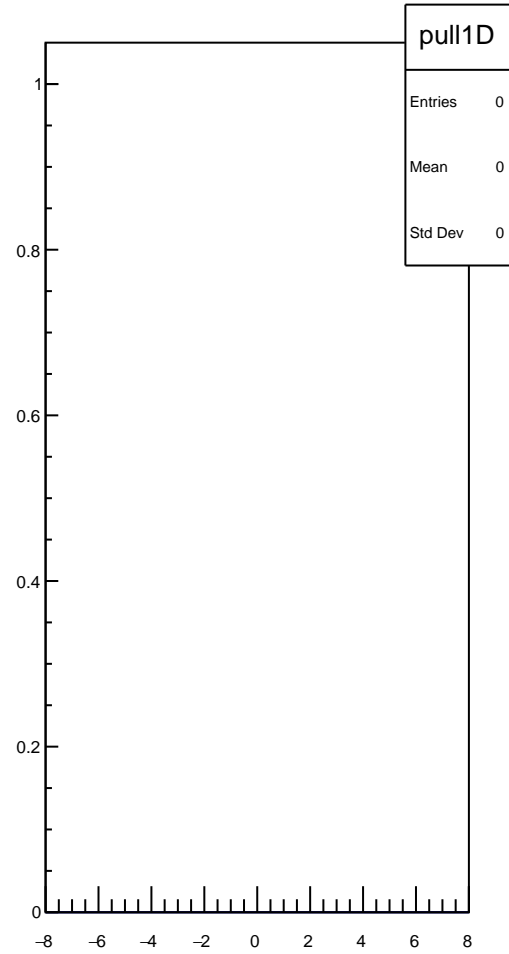
















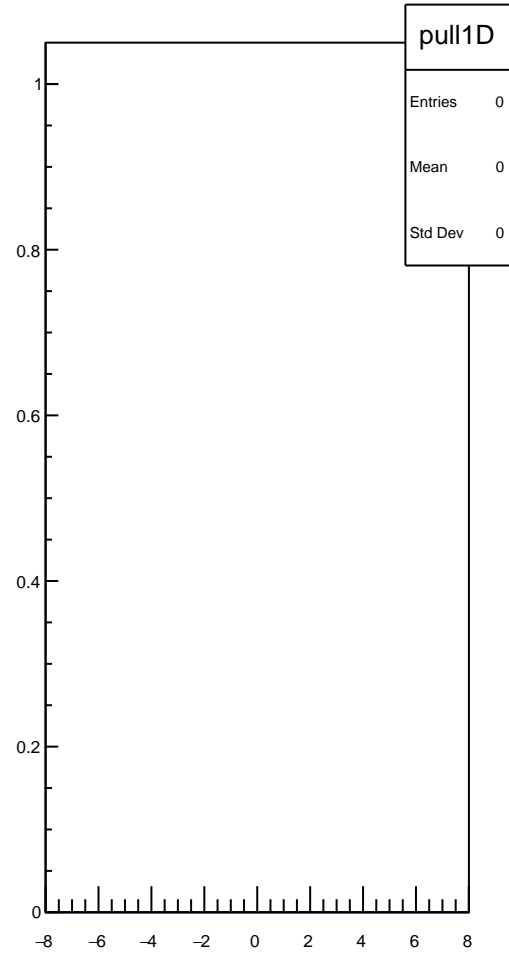










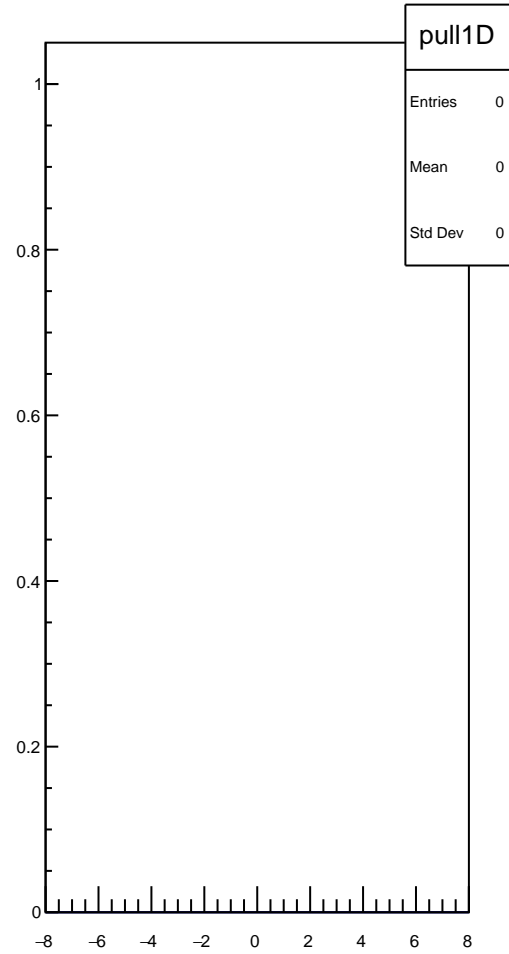
































































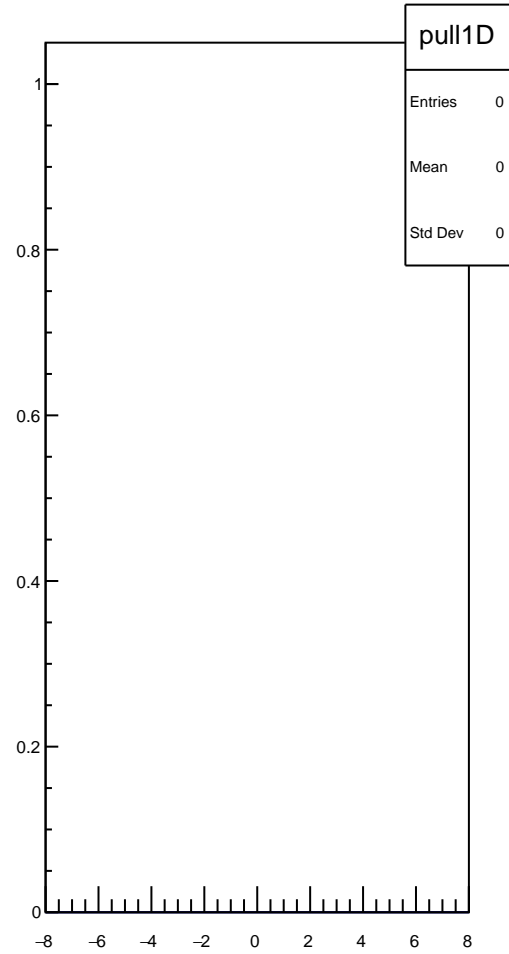






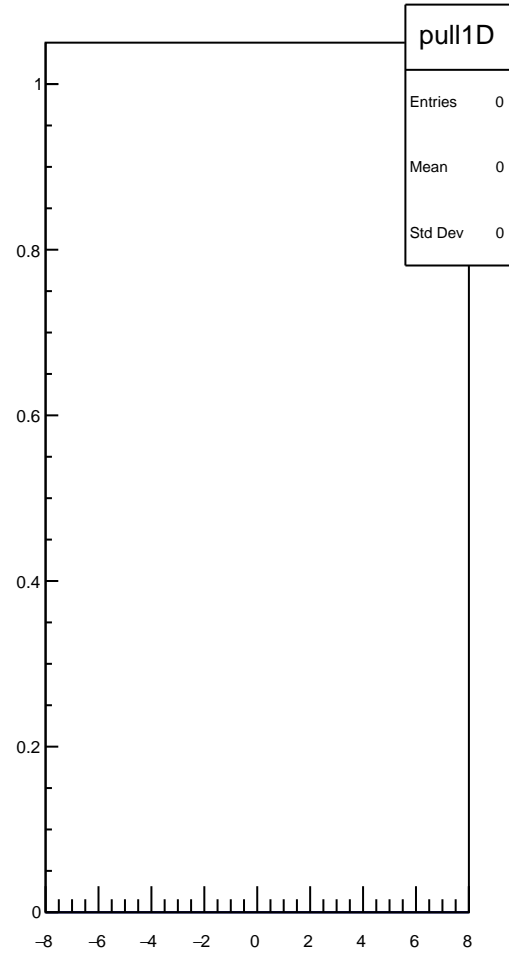
































































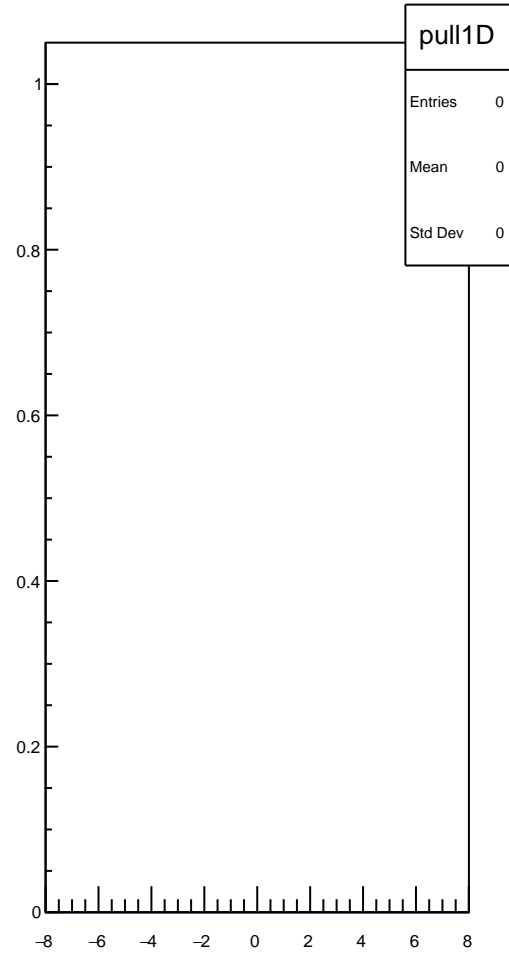
































































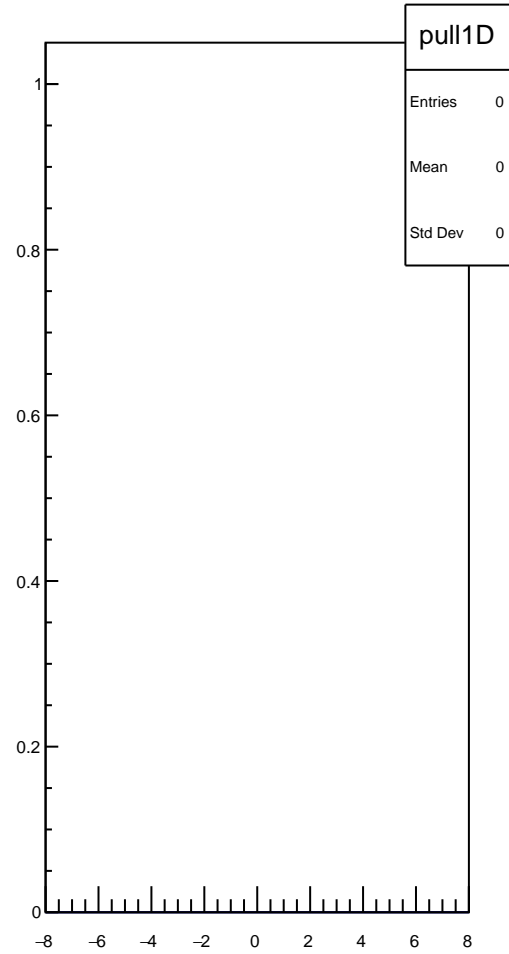
































































































































































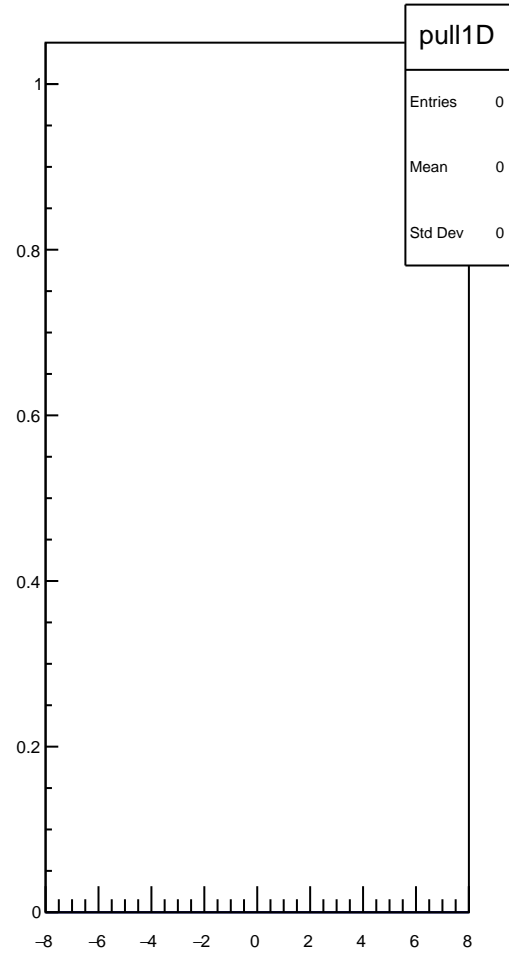










































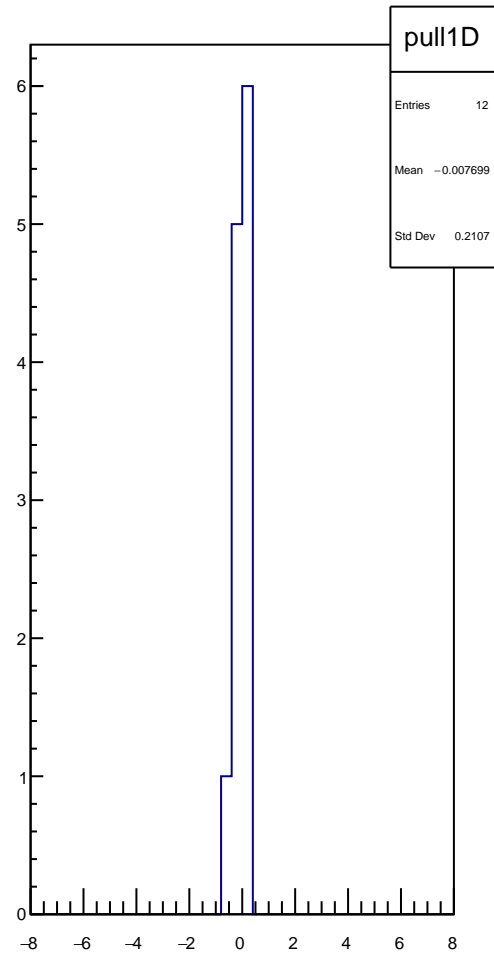
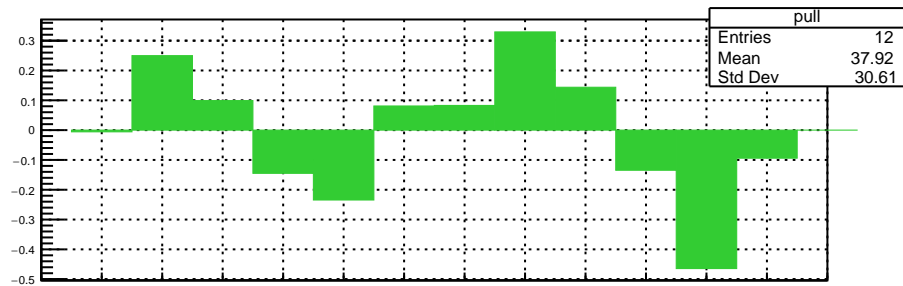
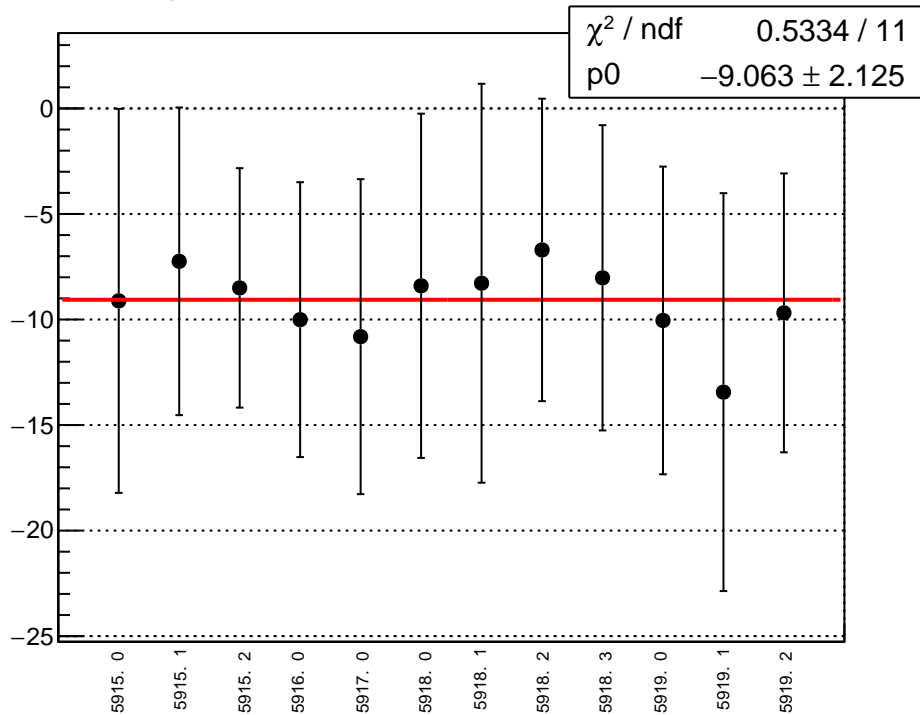




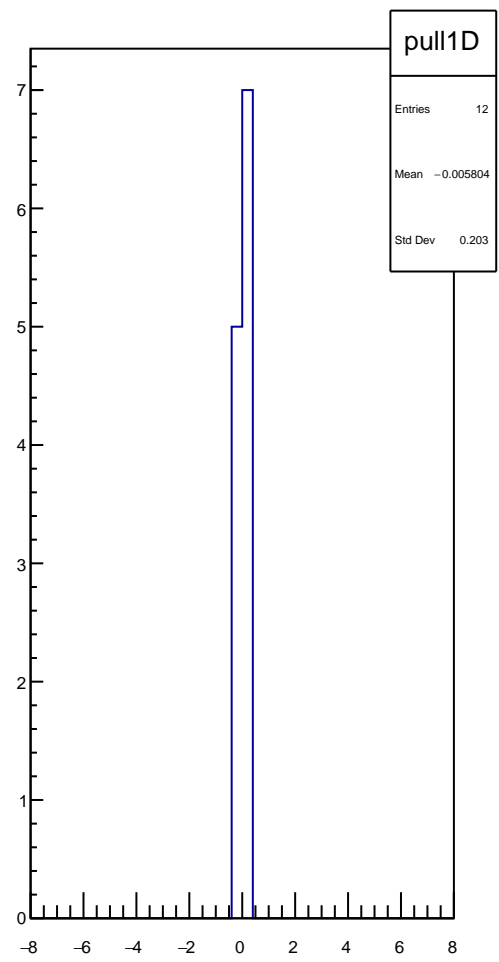
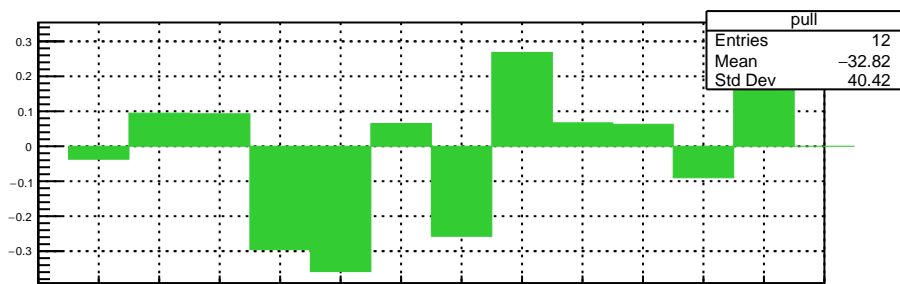
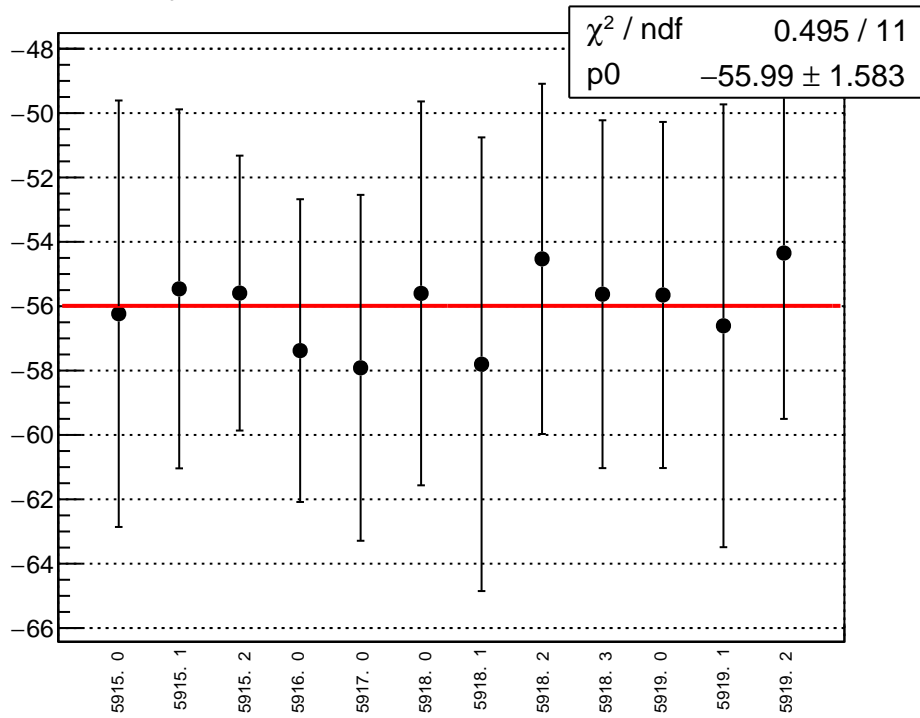




# reg\_asym\_sam1\_diff\_bpm4aX\_slope vs run

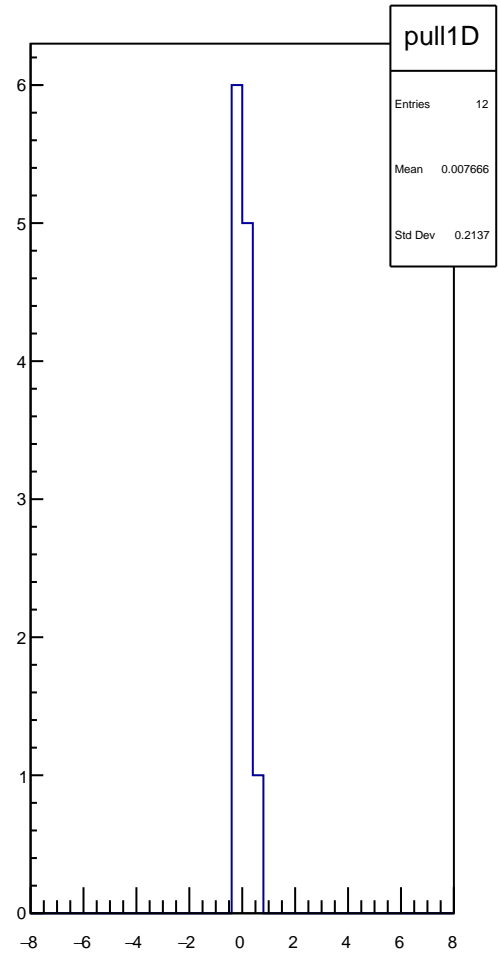
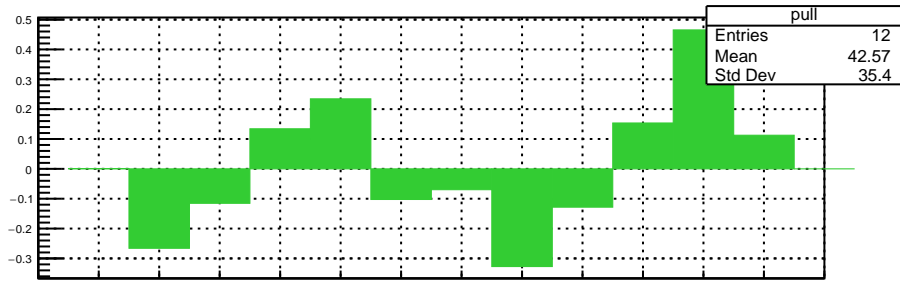
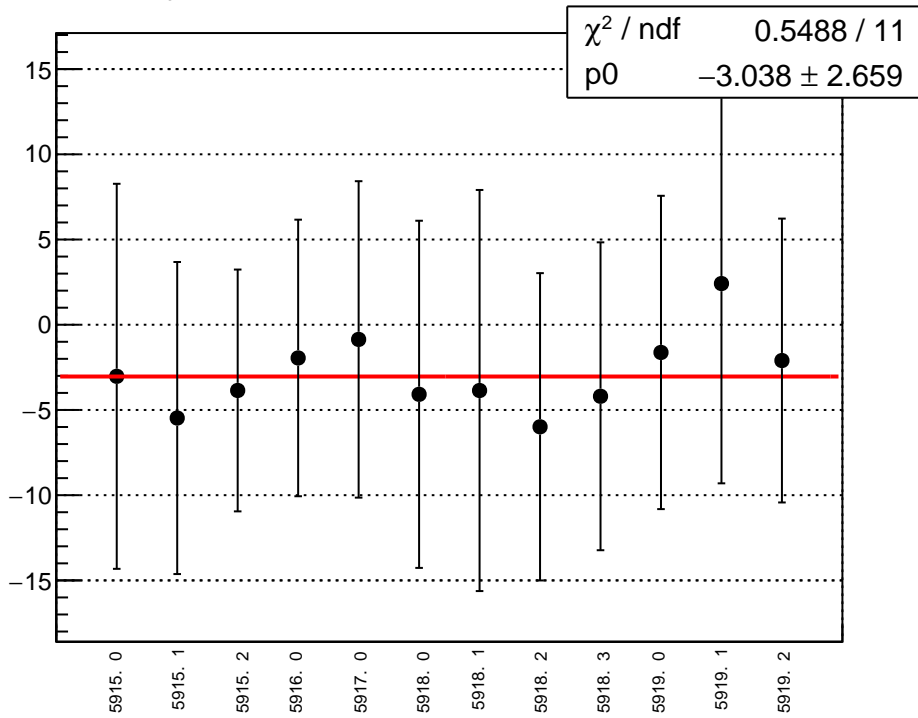


reg\_asym\_sam1\_diff\_bpm4aY\_slope vs run

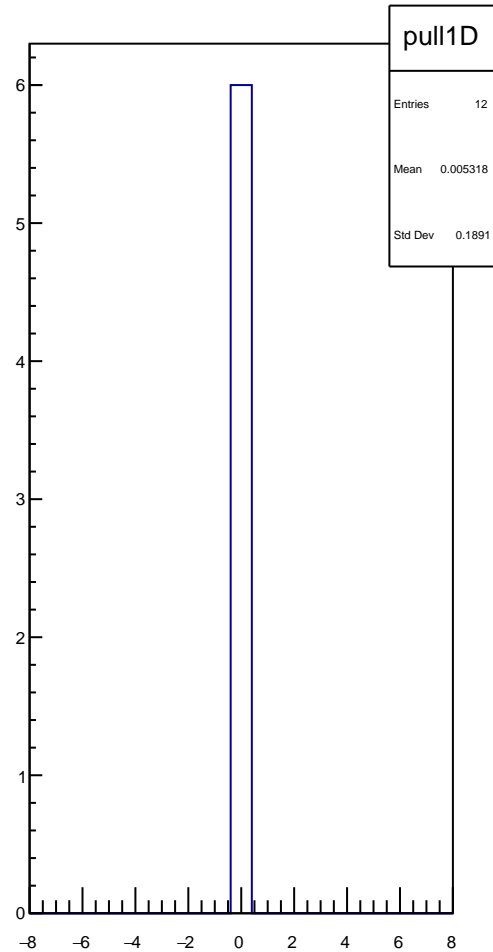
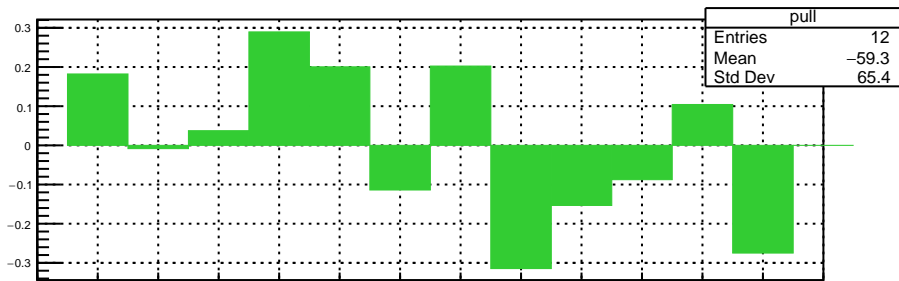
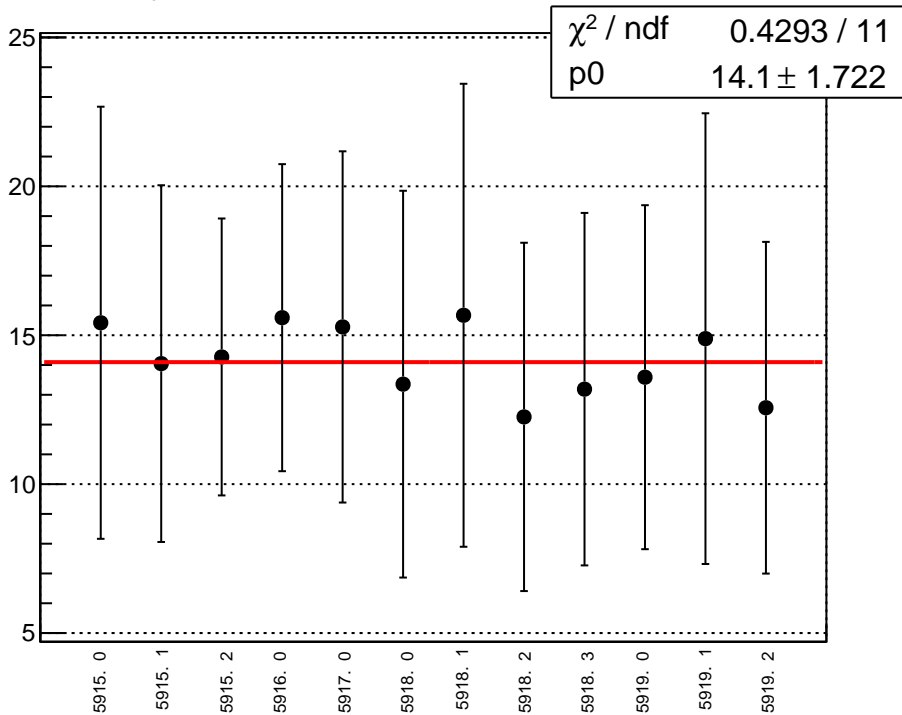




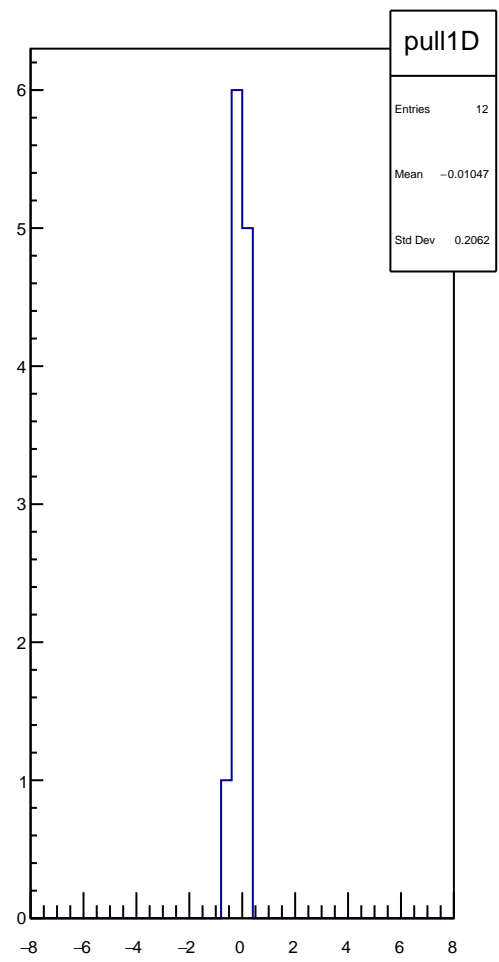
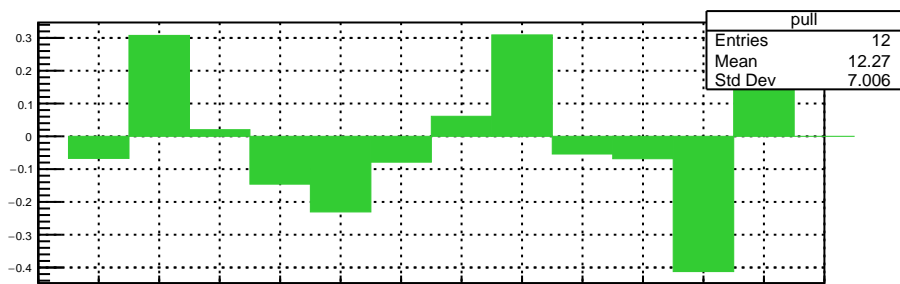
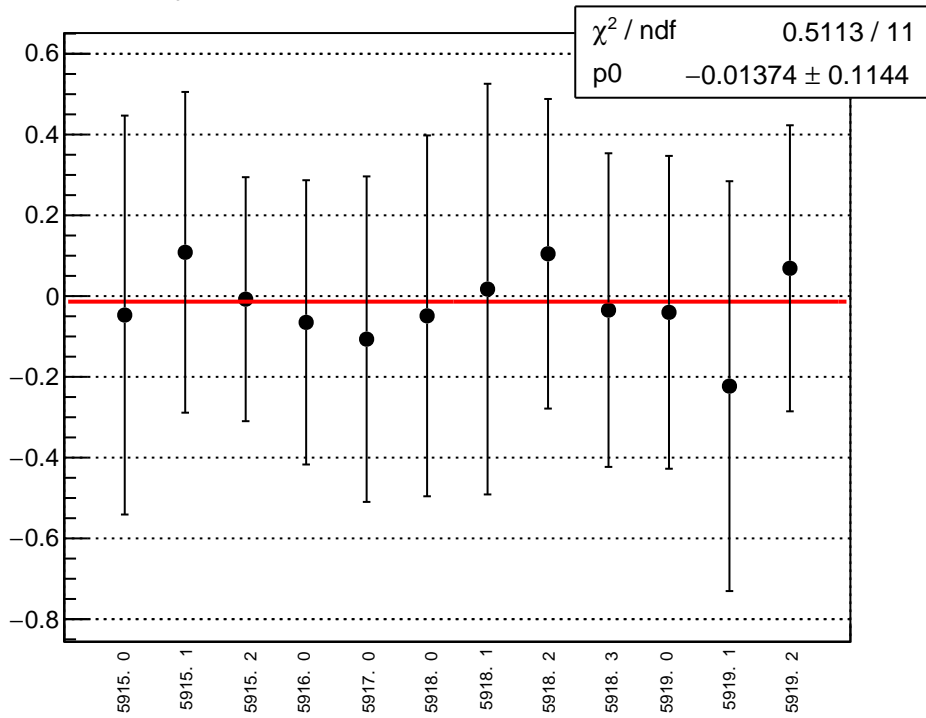
# reg\_asym\_sam1\_diff\_bpm4eX\_slope vs run



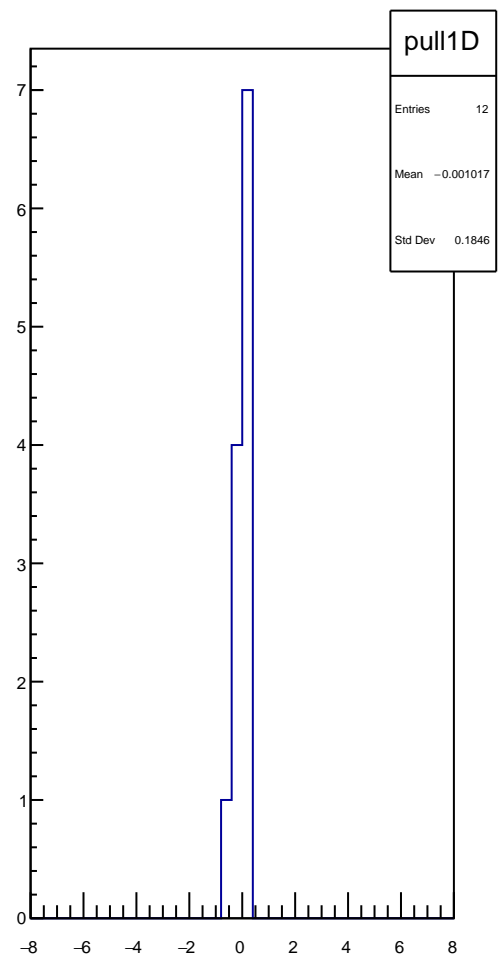
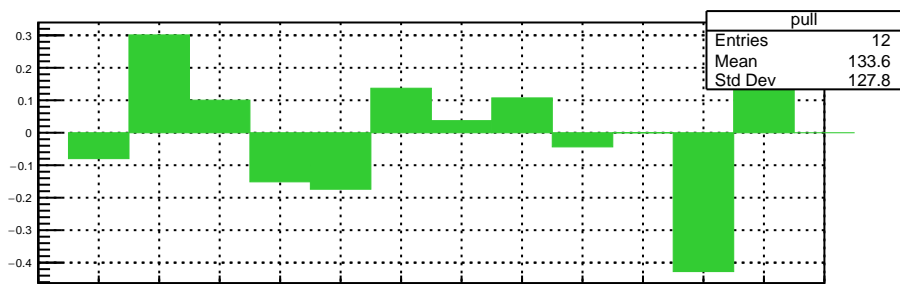
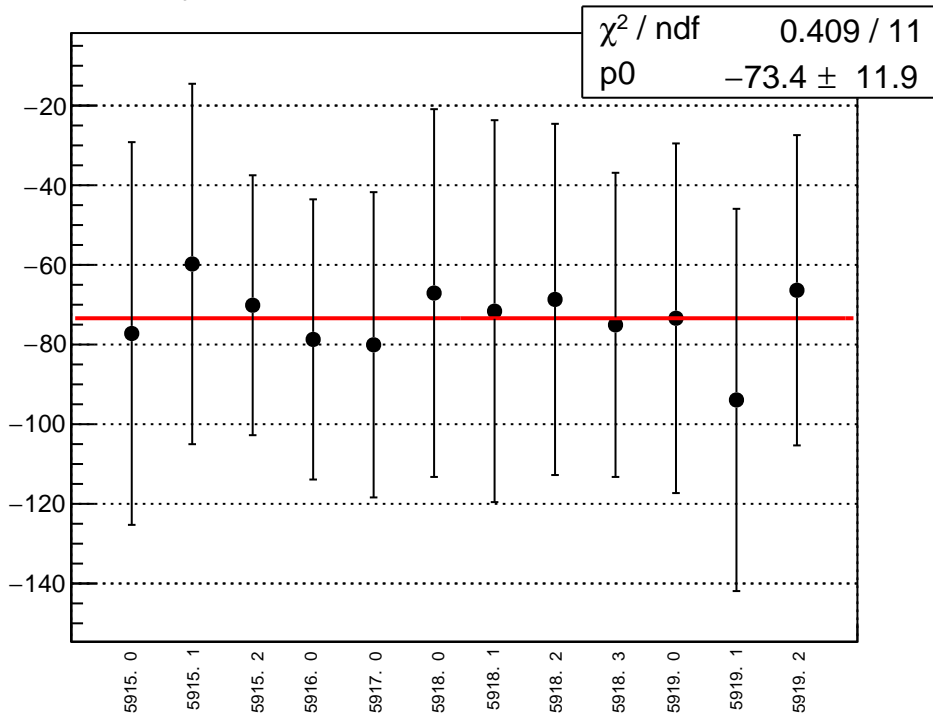
reg\_asym\_sam1\_diff\_bpm4eY\_slope vs run



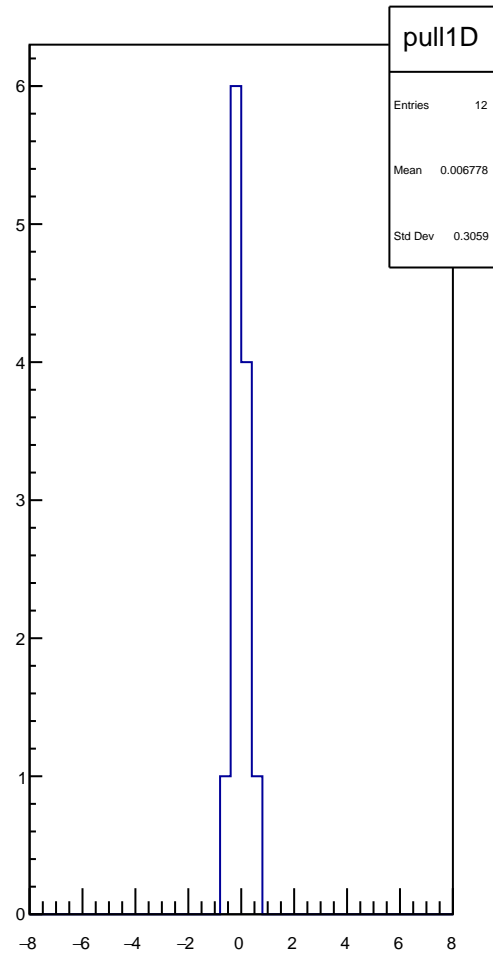
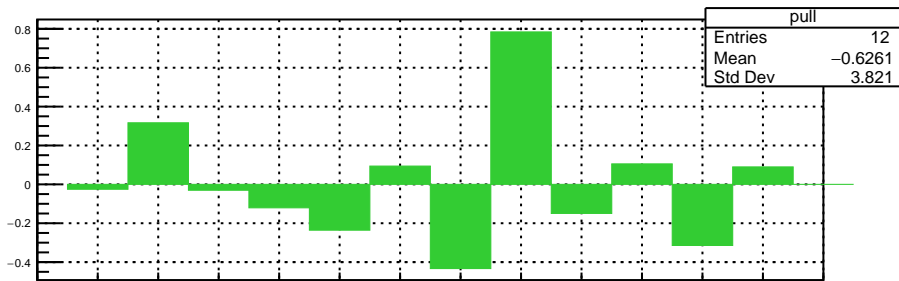
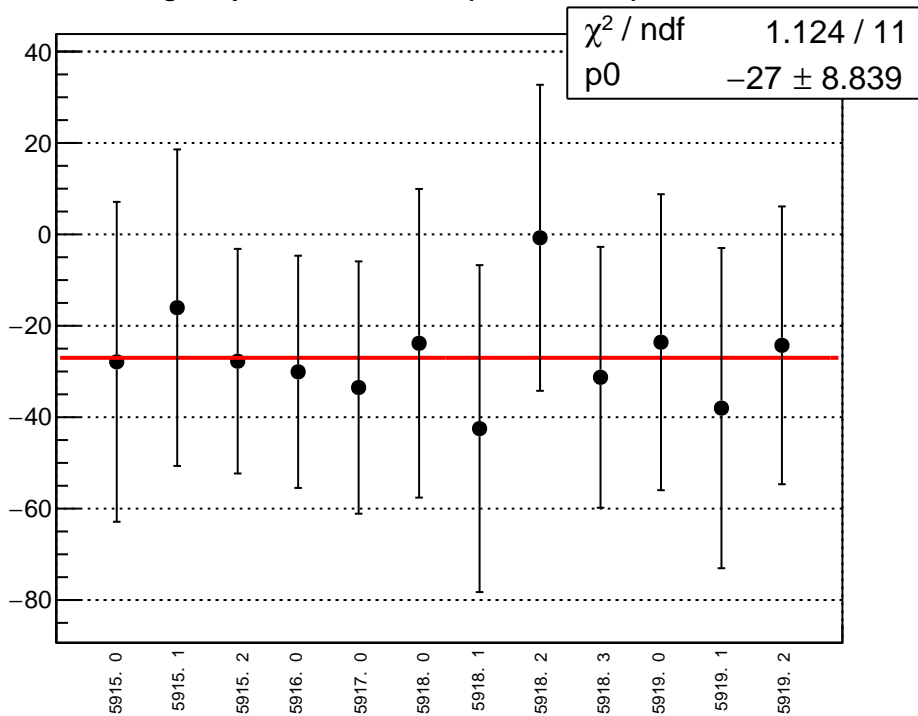
reg\_asym\_sam1\_diff\_bpm12X\_slope vs run



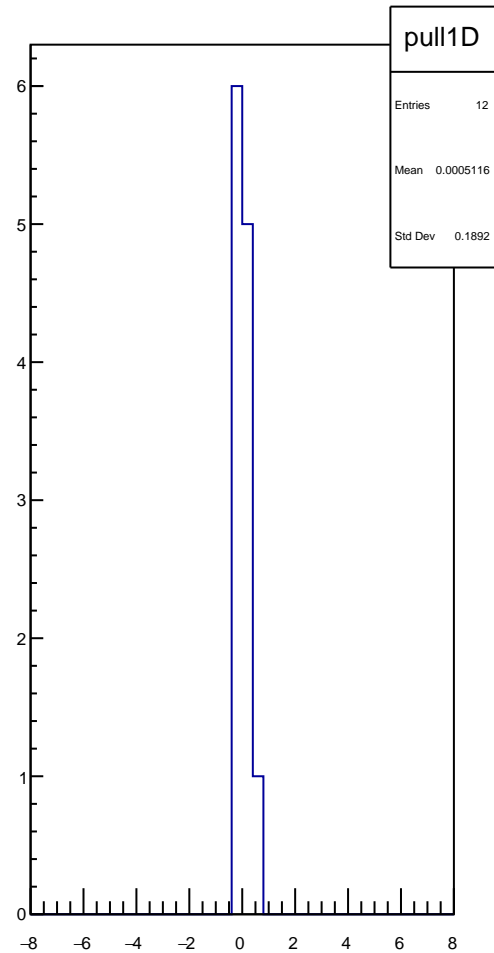
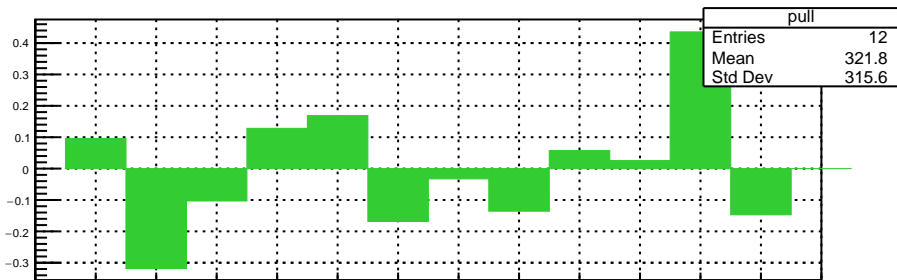
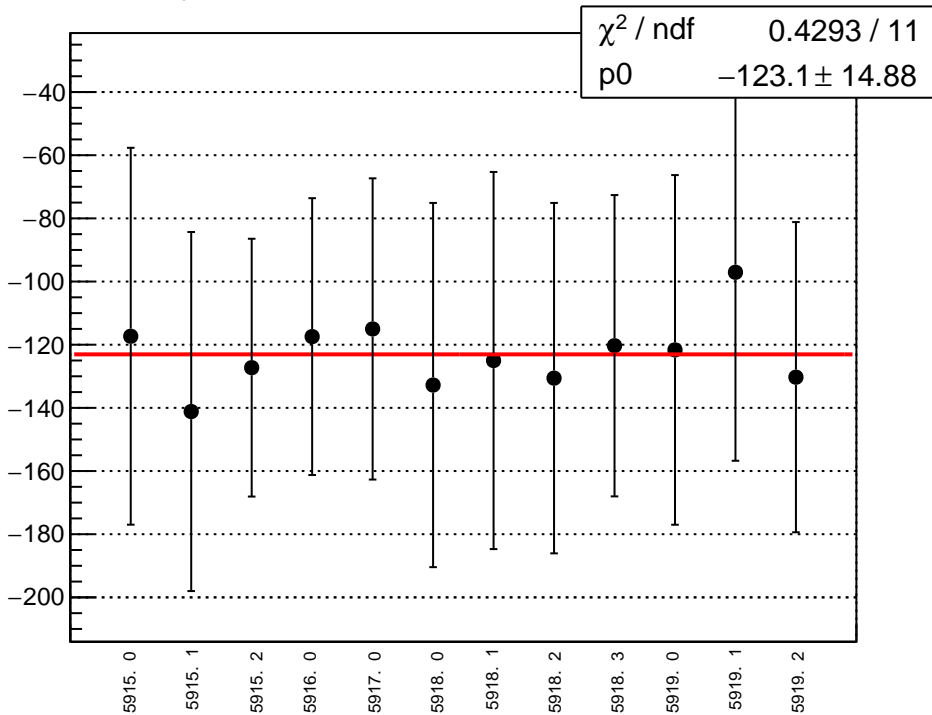
# reg\_asym\_sam2\_diff\_bpm4aX\_slope vs run



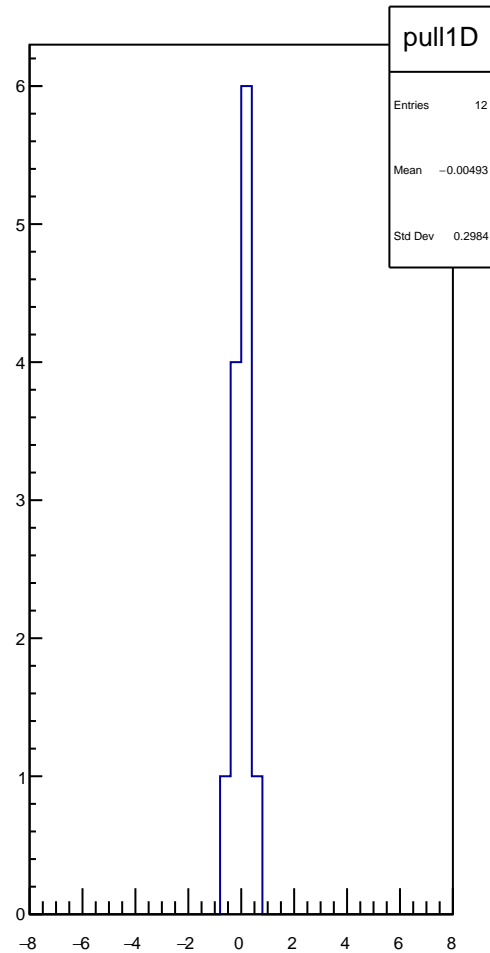
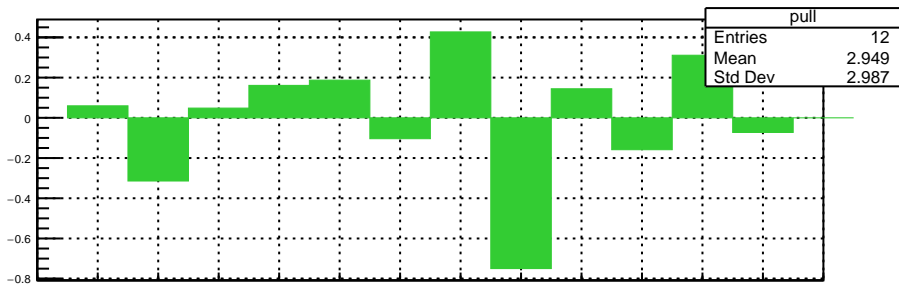
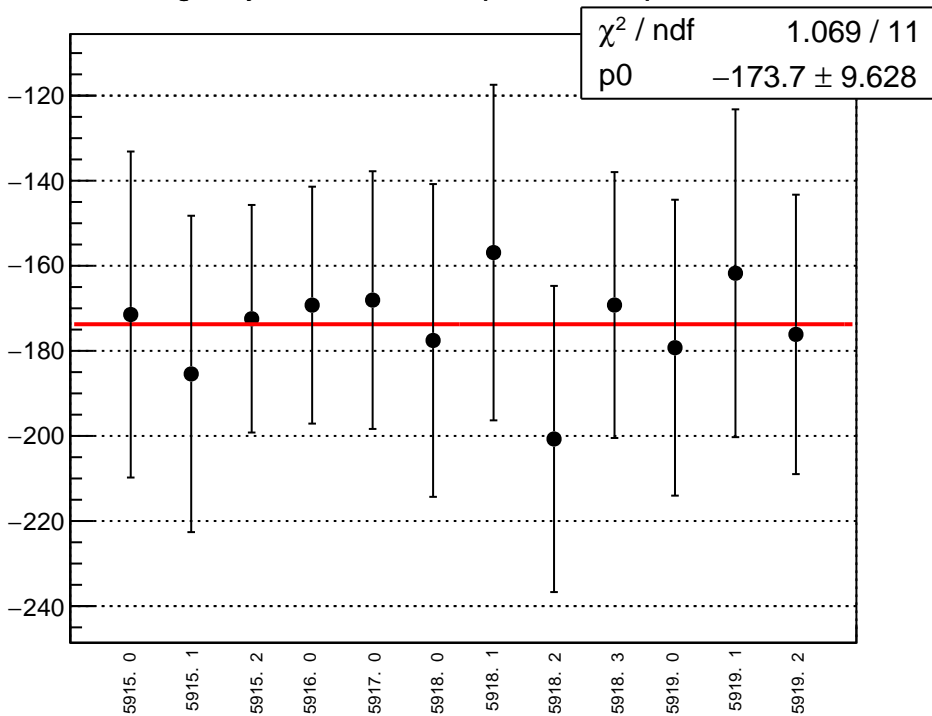
reg\_asym\_sam2\_diff\_bpm4aY\_slope vs run



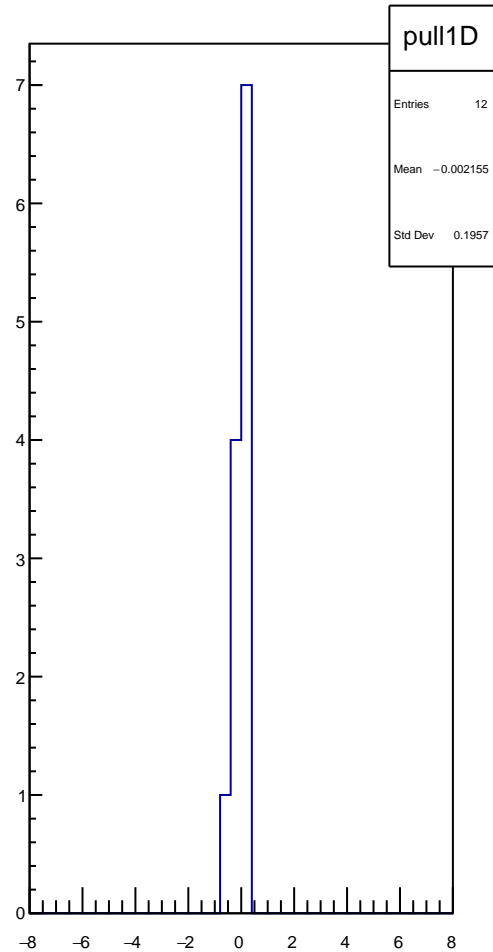
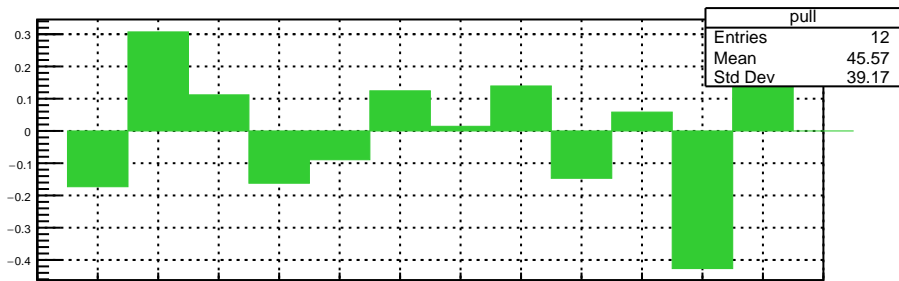
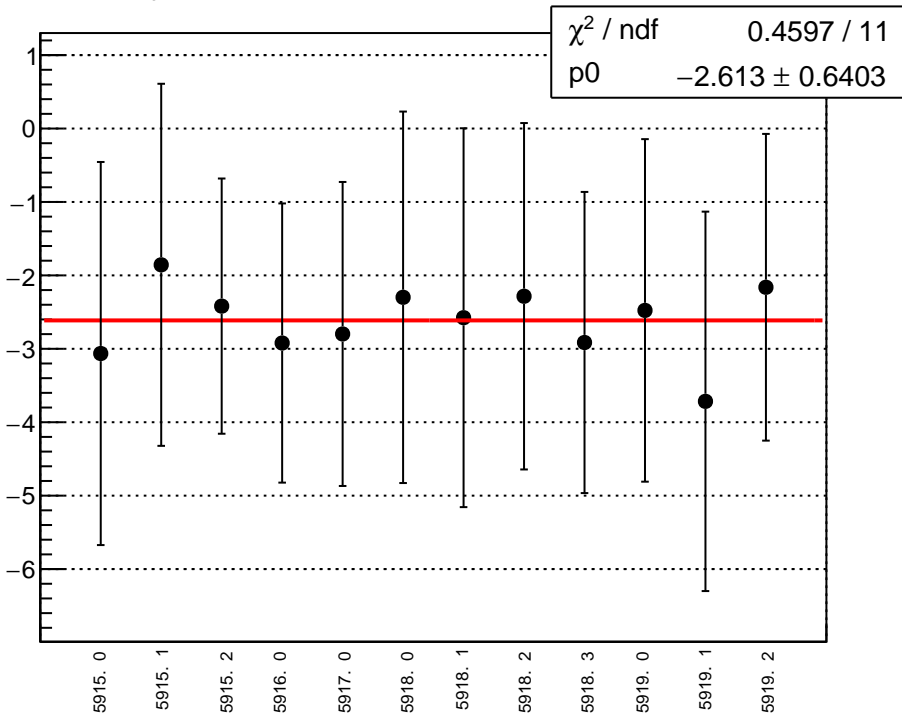
# reg\_asym\_sam2\_diff\_bpm4eX\_slope vs run



# reg\_asym\_sam2\_diff\_bpm4eY\_slope vs run

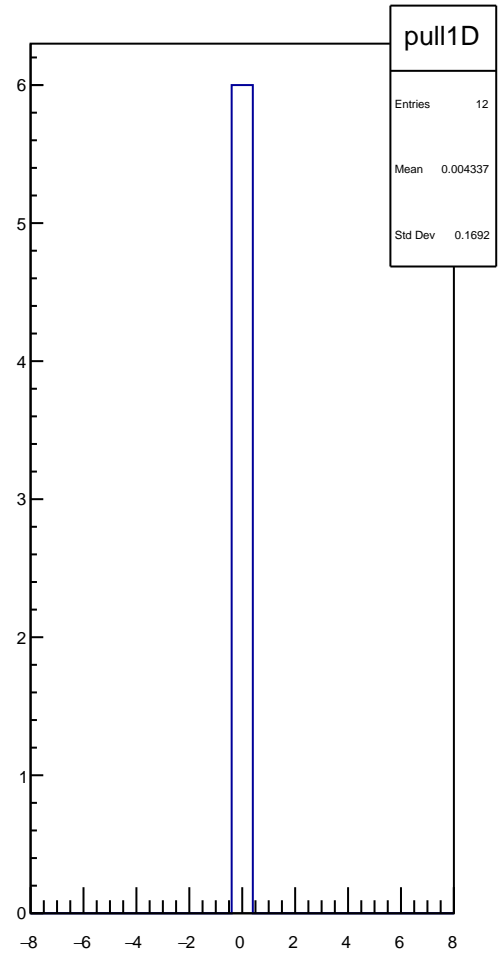
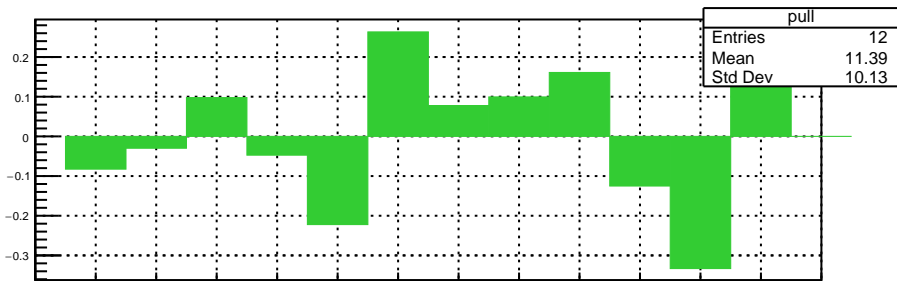
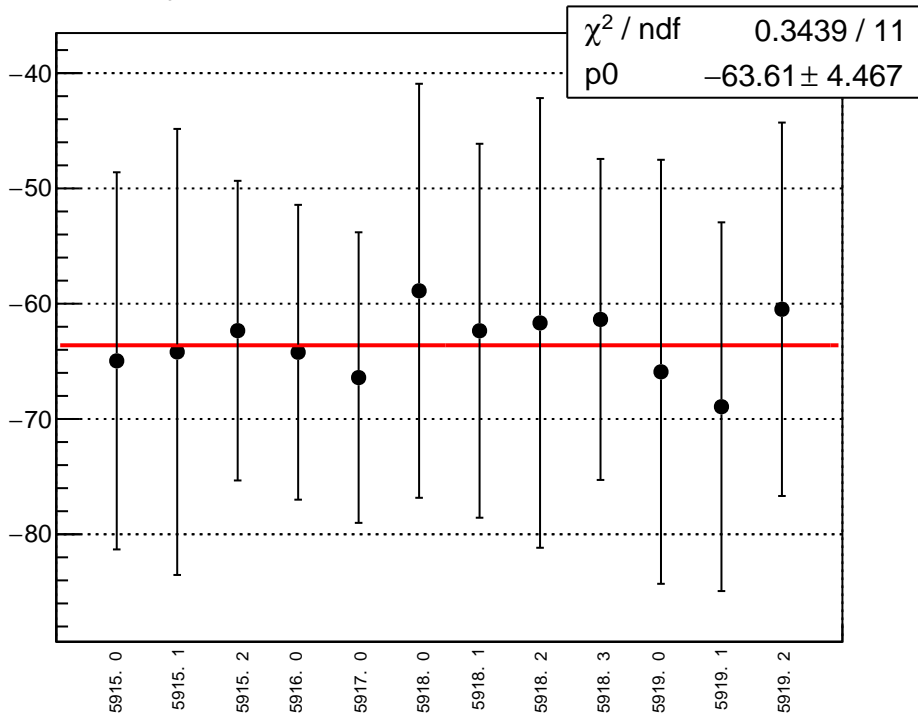


# reg\_asym\_sam2\_diff\_bpm12X\_slope vs run

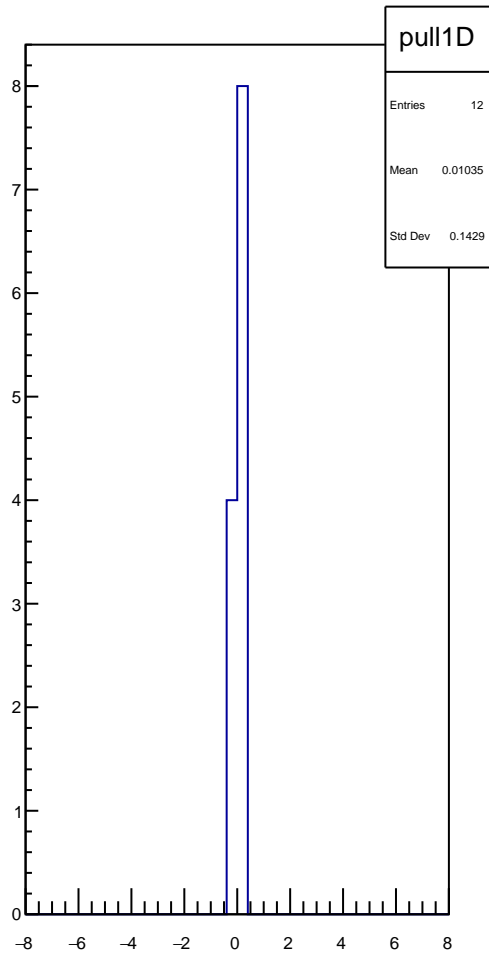
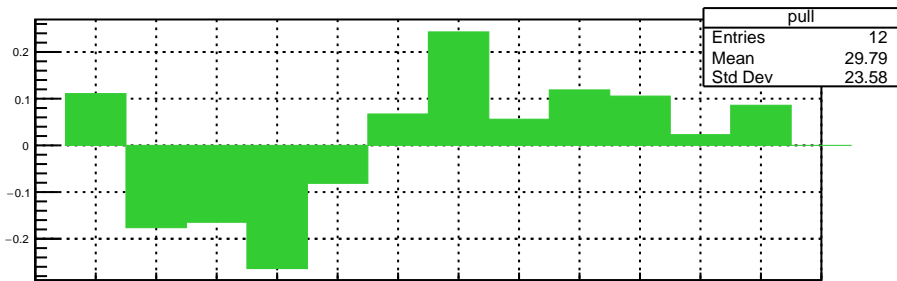
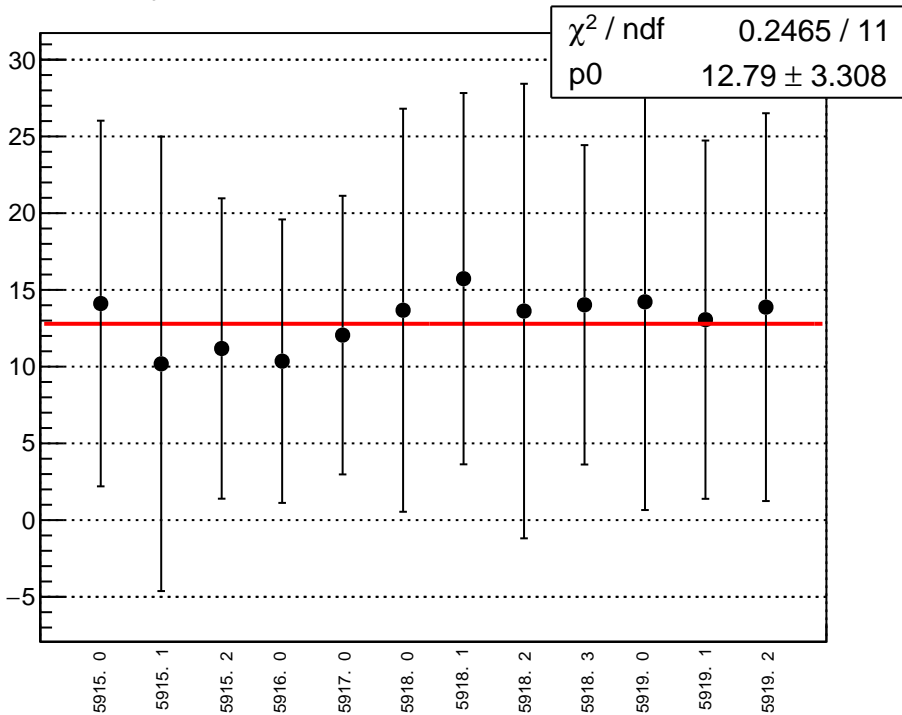




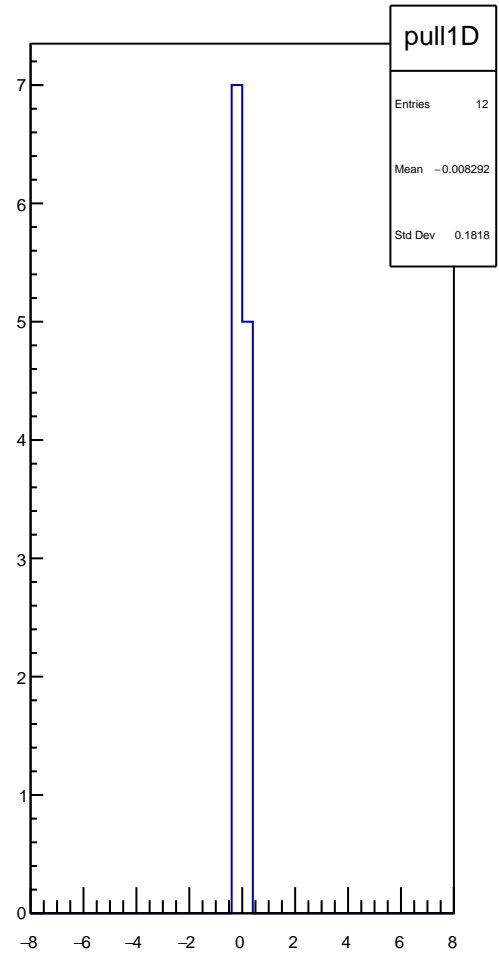
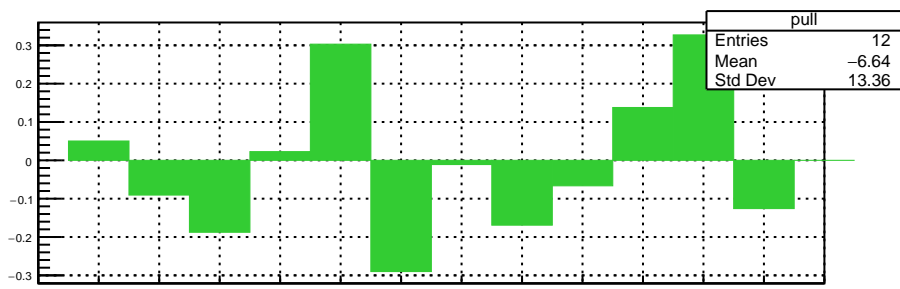
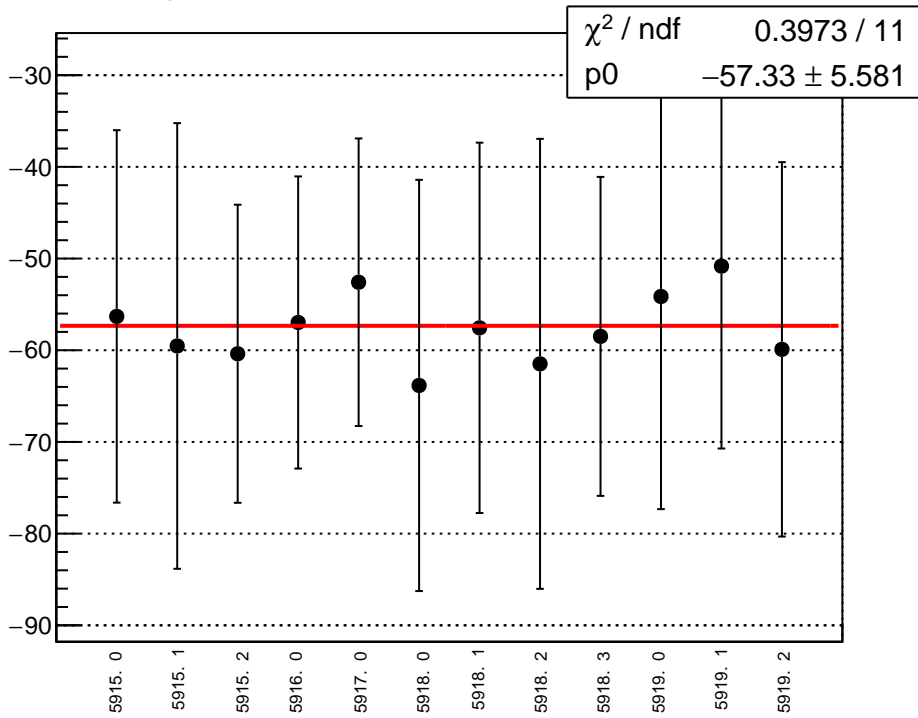
# reg\_asym\_sam3\_diff\_bpm4aX\_slope vs run



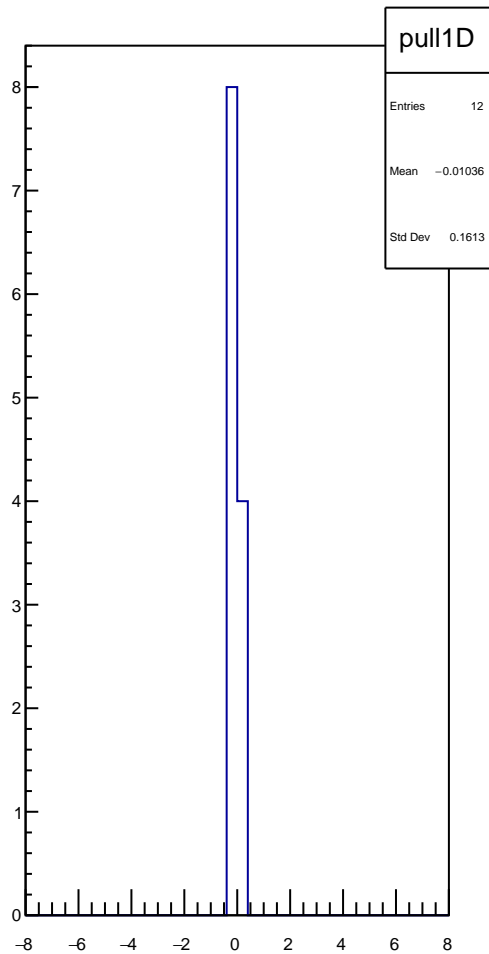
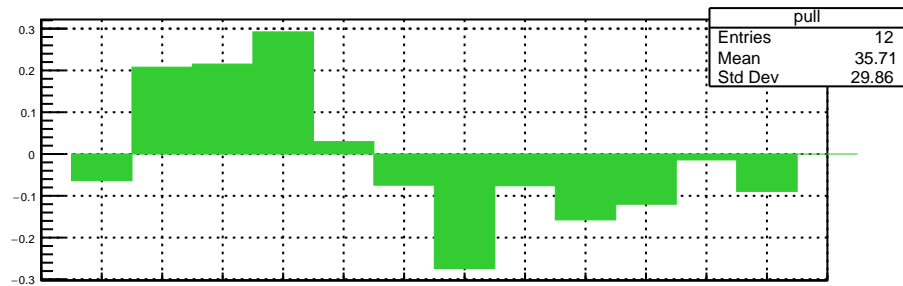
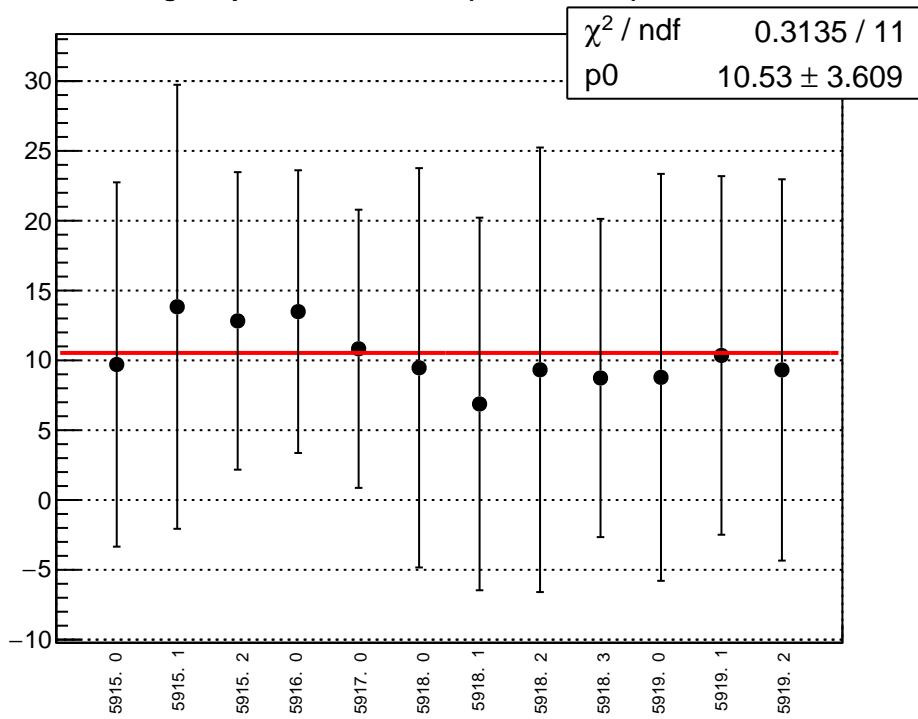
reg\_asym\_sam3\_diff\_bpm4aY\_slope vs run



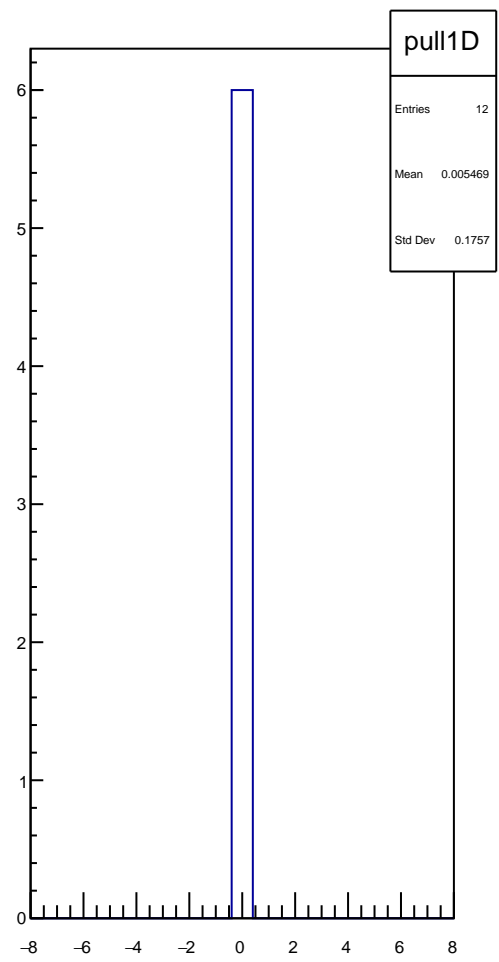
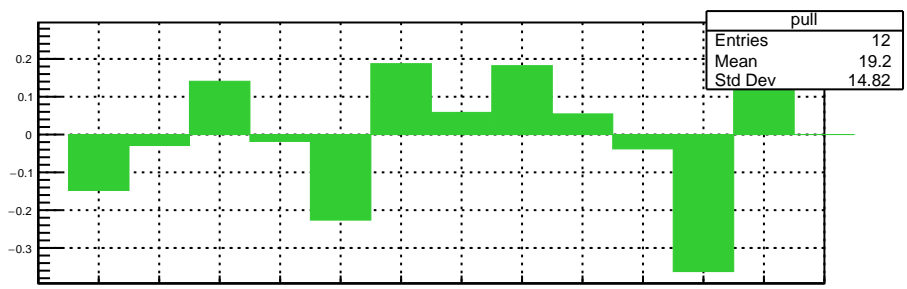
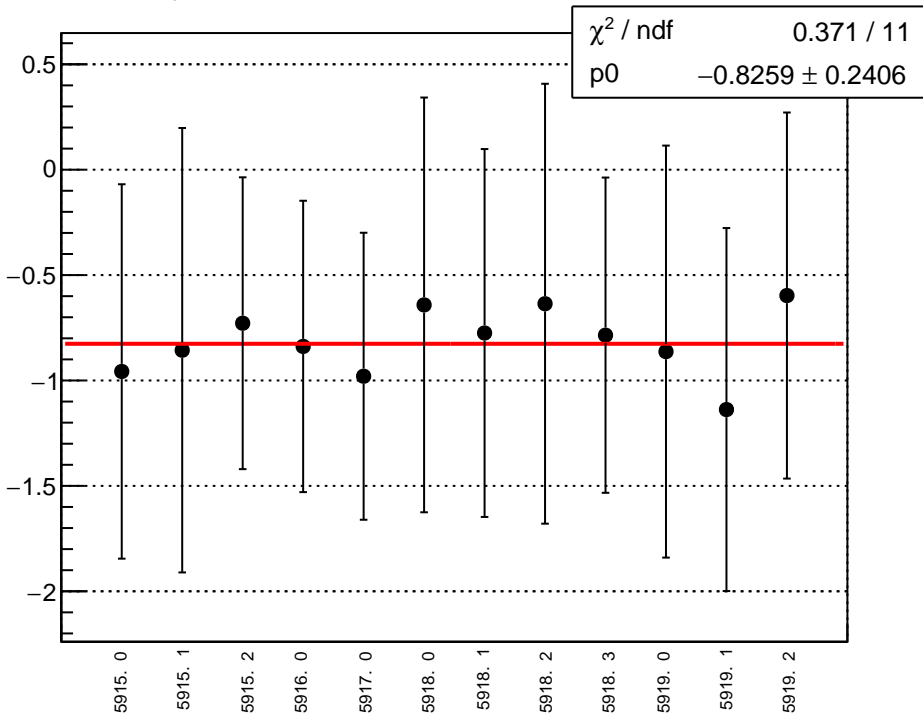
reg\_asym\_sam3\_diff\_bpm4eX\_slope vs run



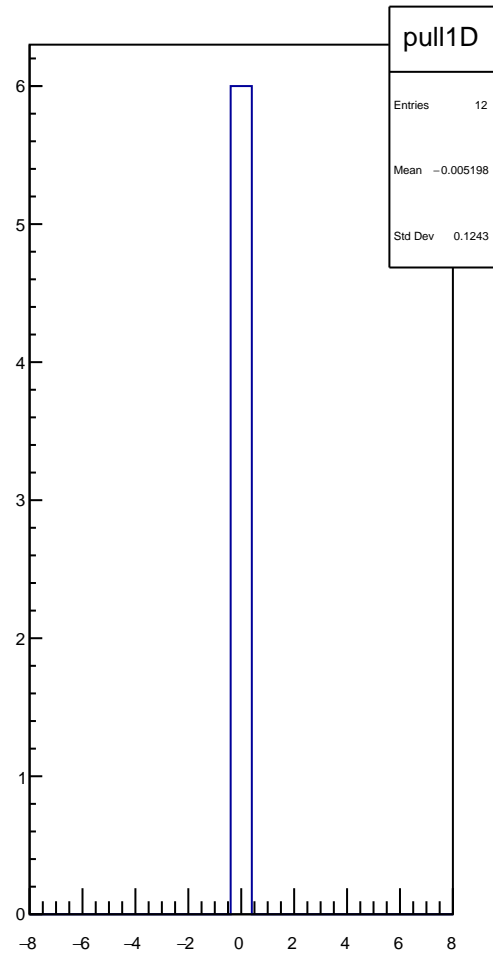
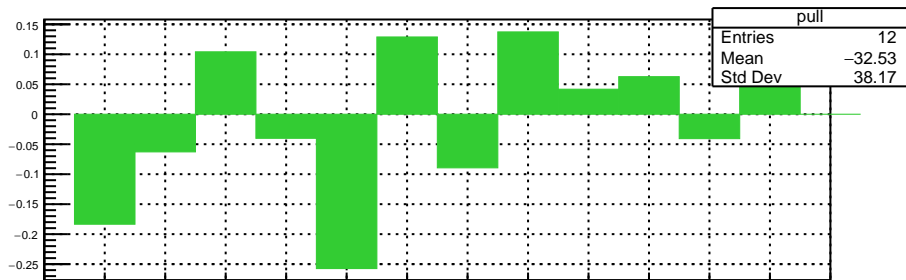
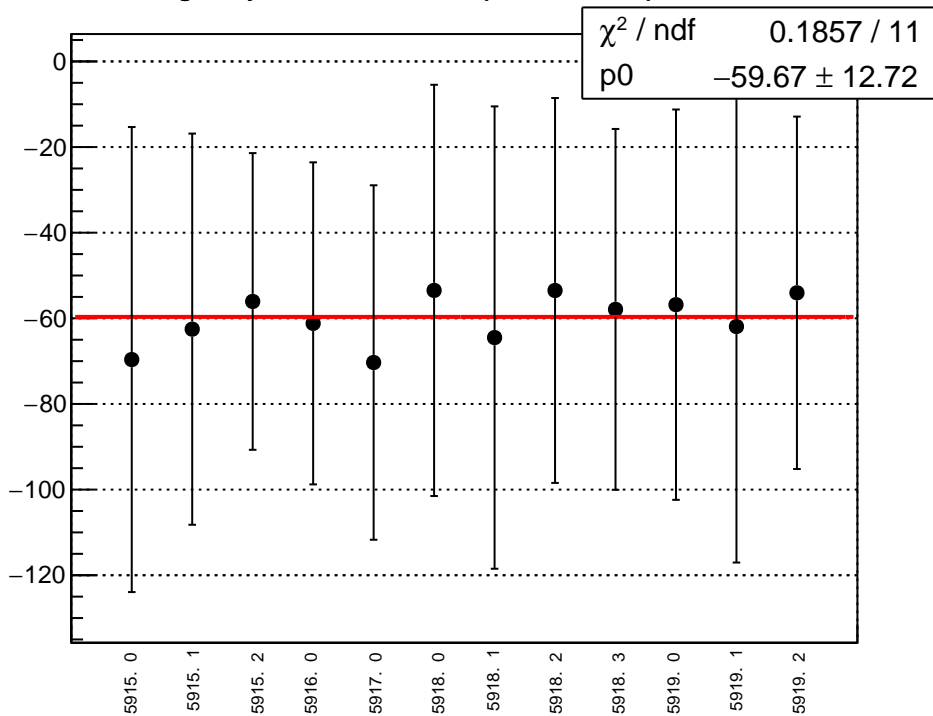
reg\_asym\_sam3\_diff\_bpm4eY\_slope vs run



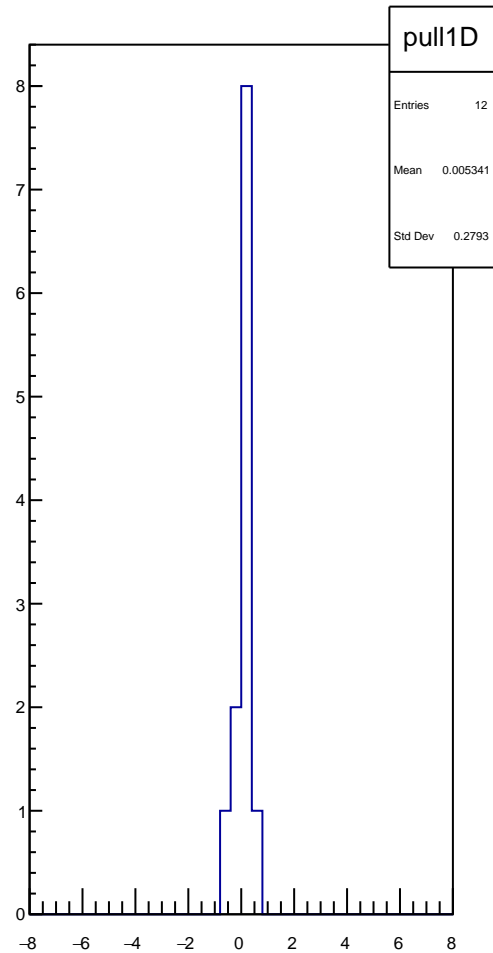
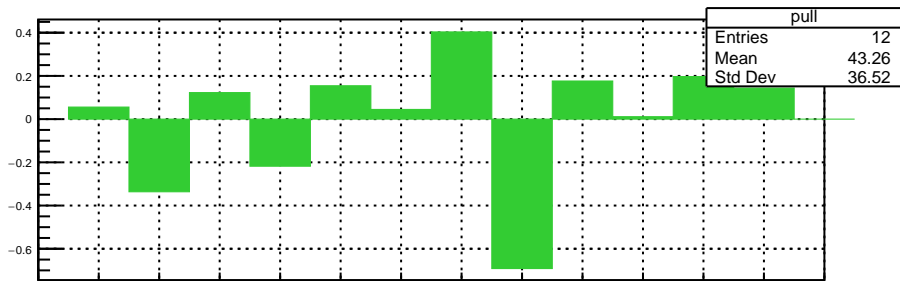
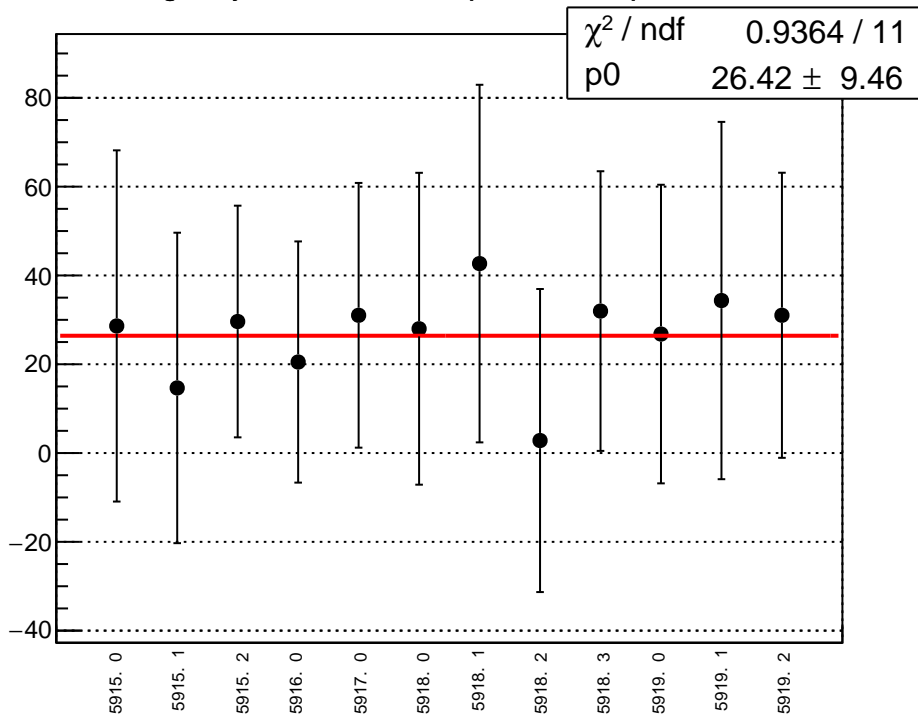
# reg\_asym\_sam3\_diff\_bpm12X\_slope vs run



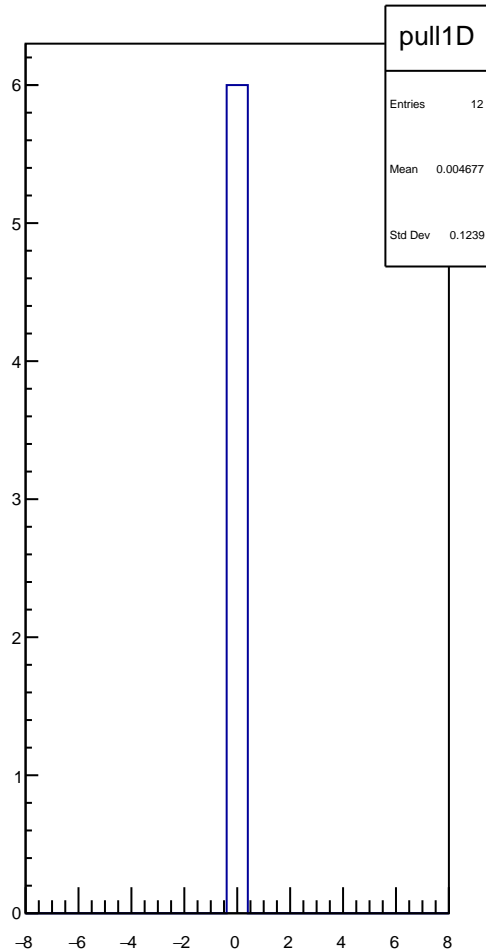
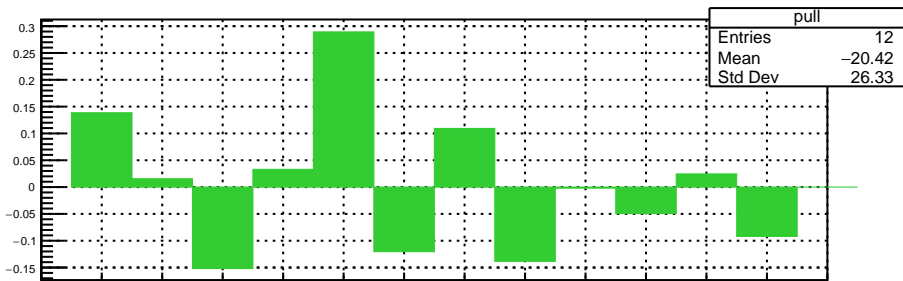
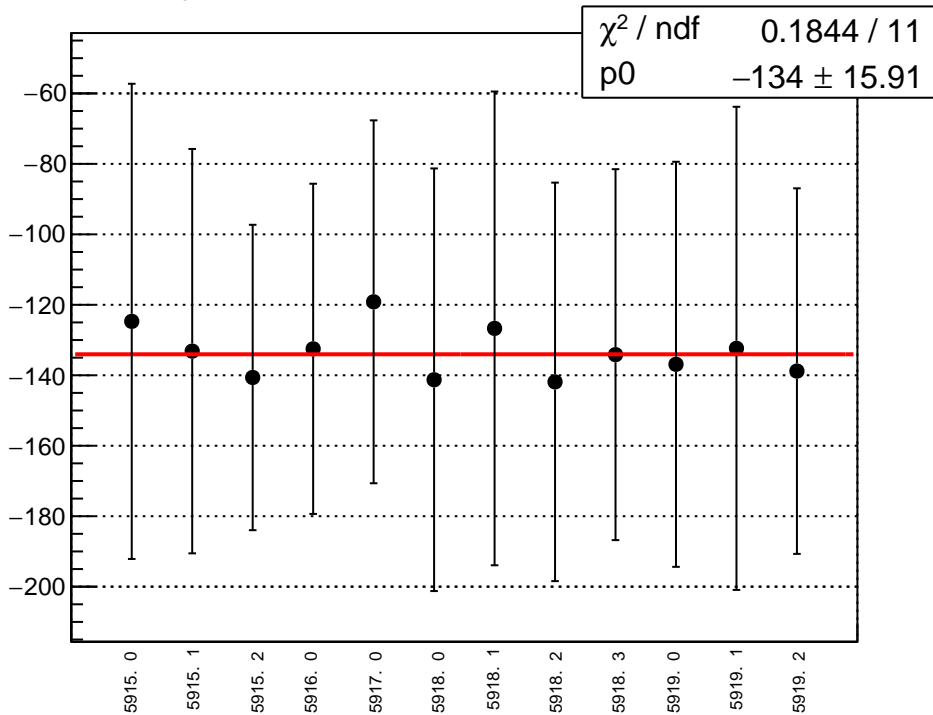
reg\_asym\_sam4\_diff\_bpm4aX\_slope vs run



# reg\_asym\_sam4\_diff\_bpm4aY\_slope vs run

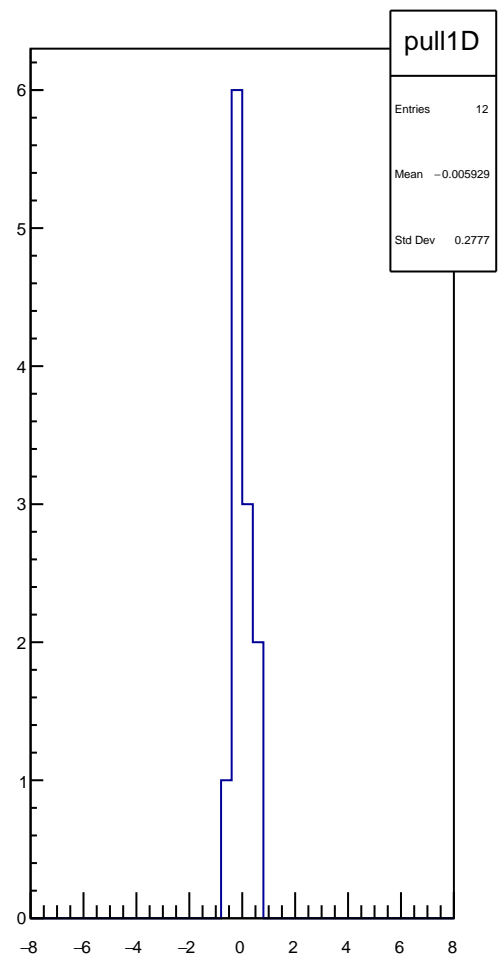
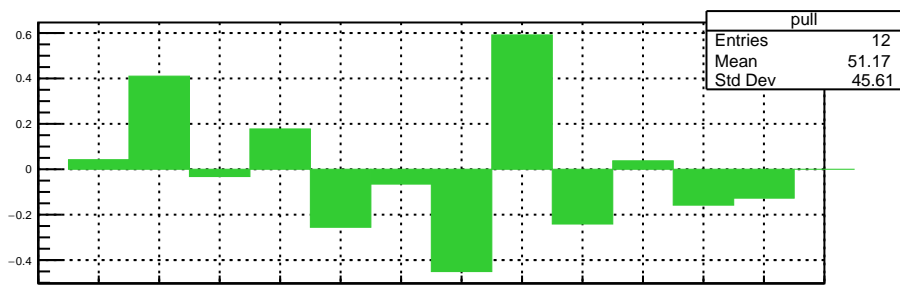
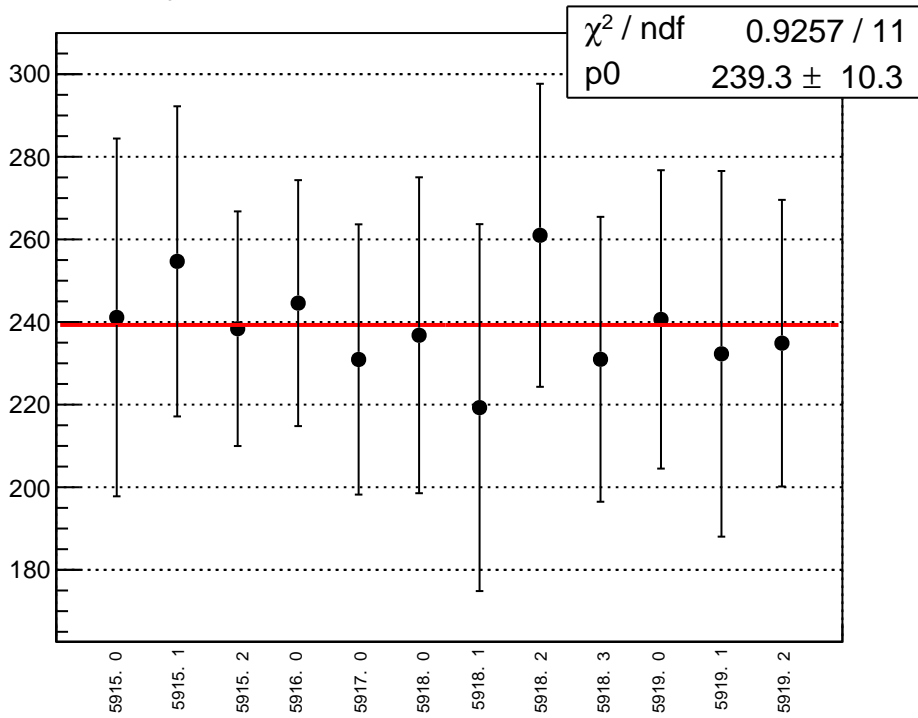


# reg\_asym\_sam4\_diff\_bpm4eX\_slope vs run

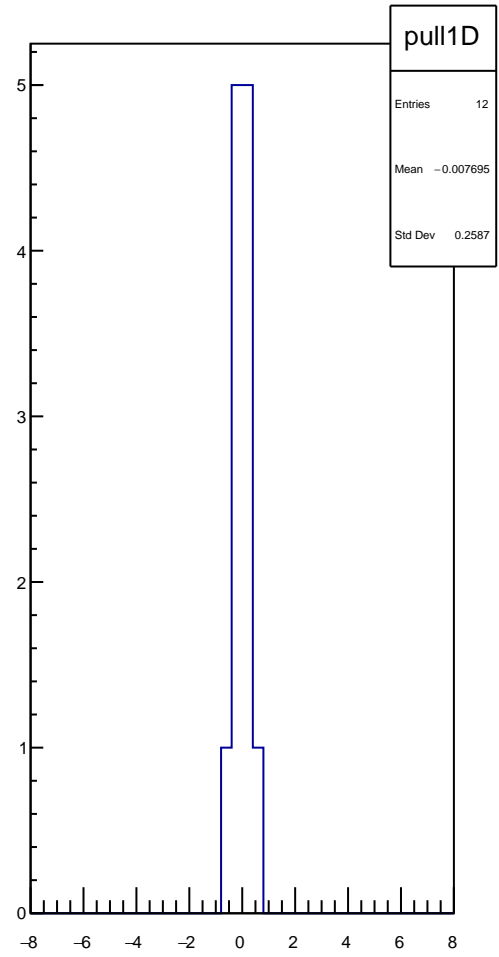
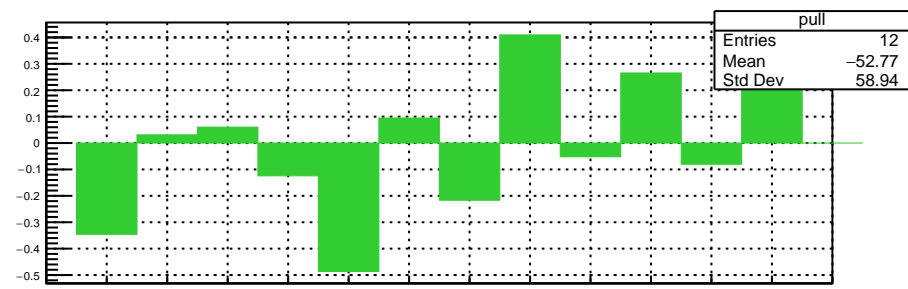
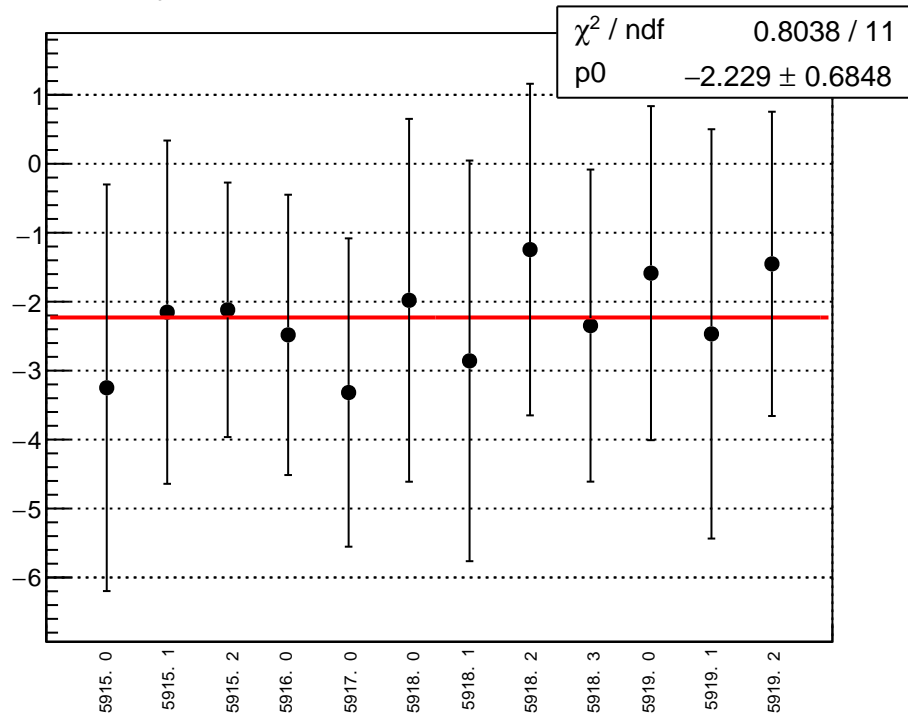




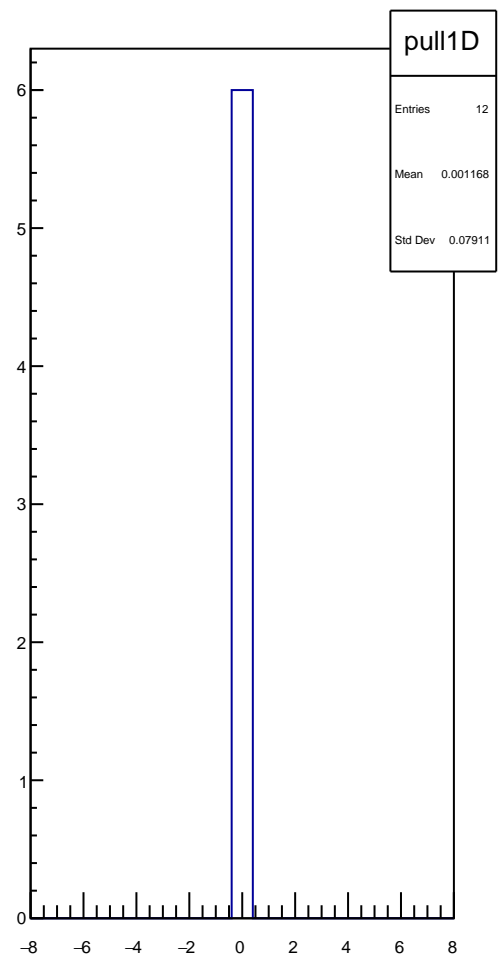
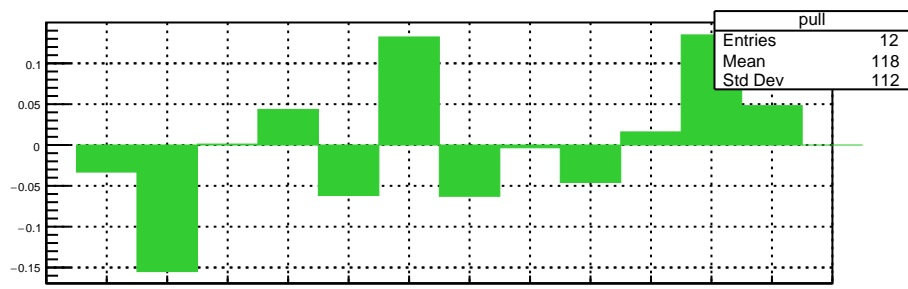
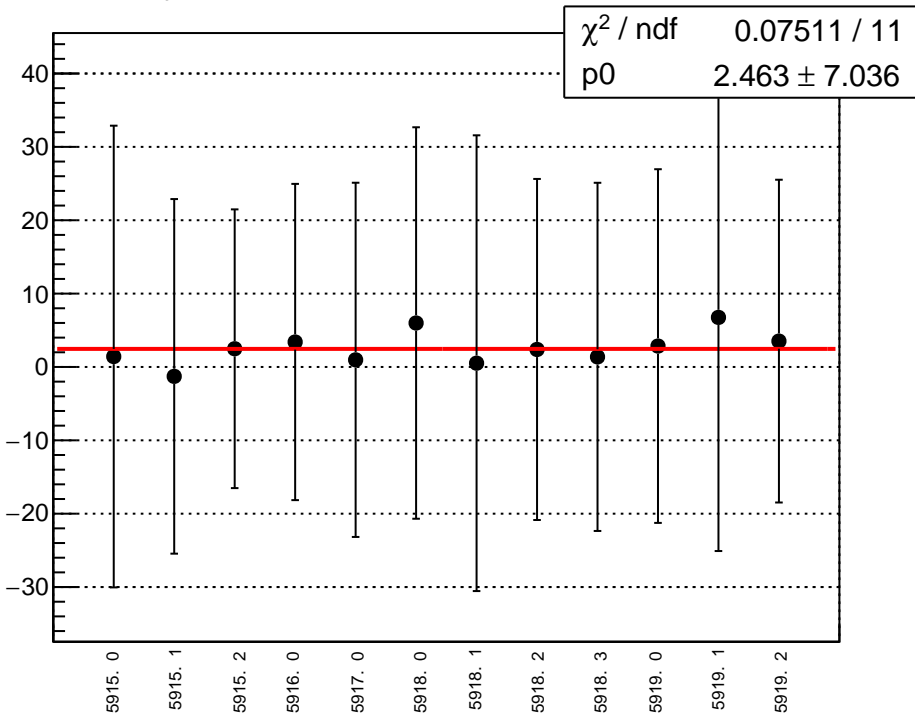
reg\_asym\_sam4\_diff\_bpm4eY\_slope vs run



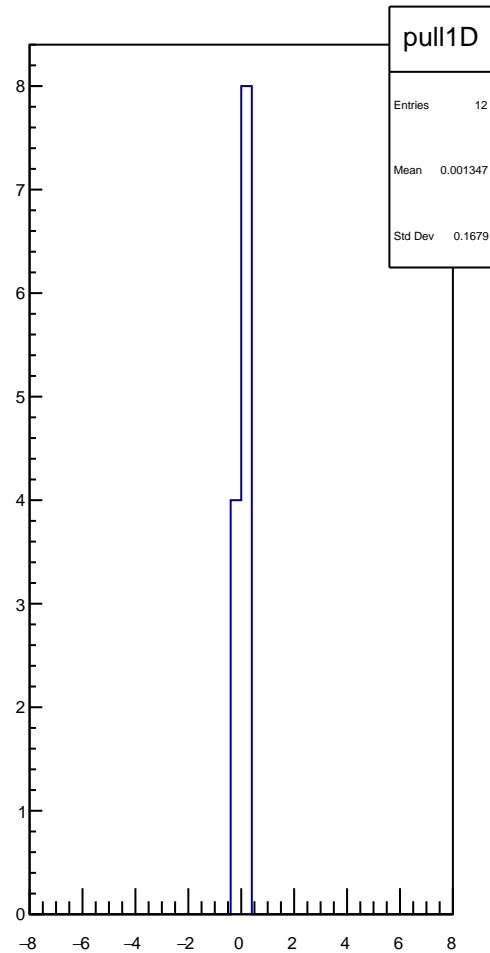
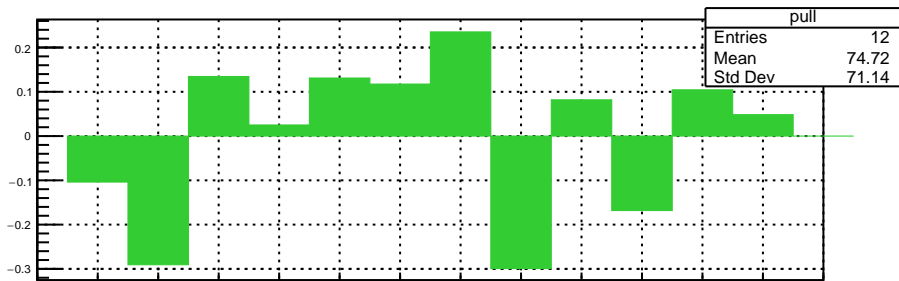
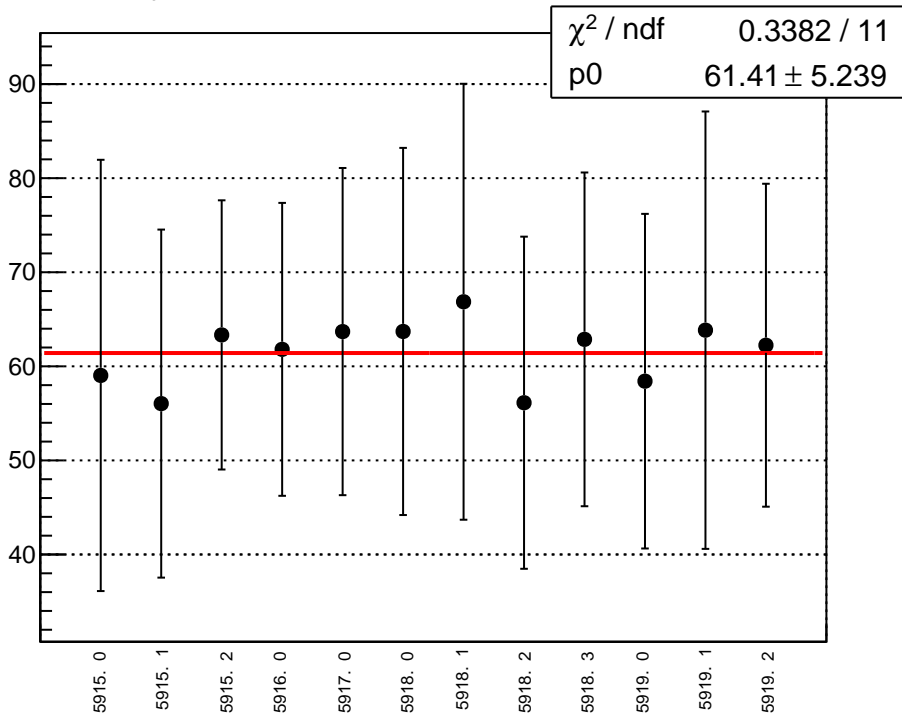
# reg\_asym\_sam4\_diff\_bpm12X\_slope vs run



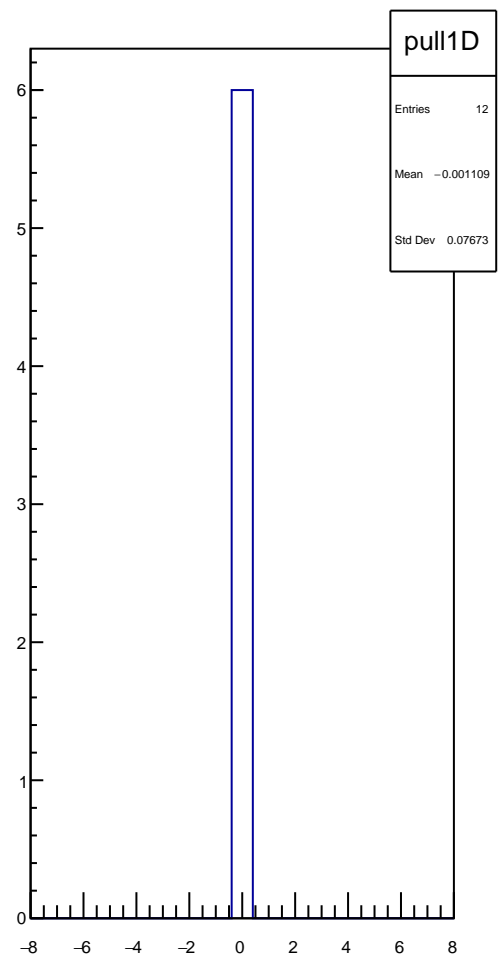
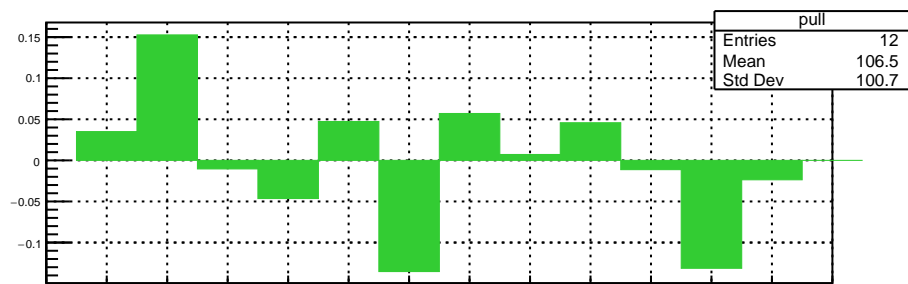
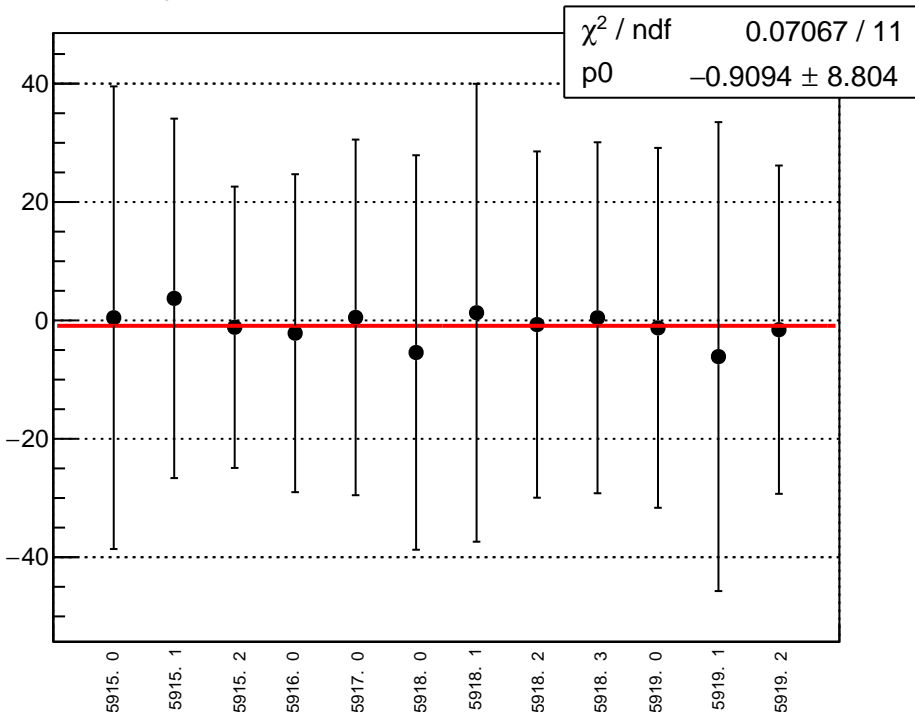
# reg\_asym\_sam5\_diff\_bpm4aX\_slope vs run



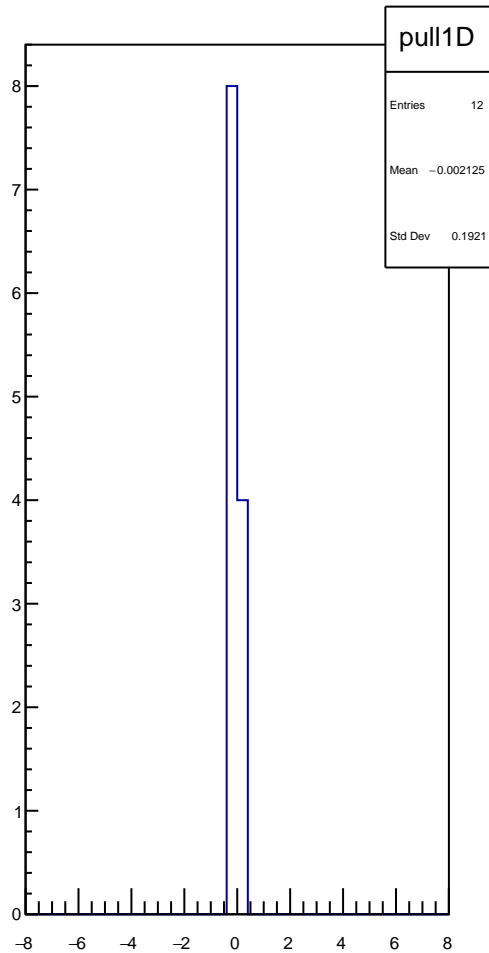
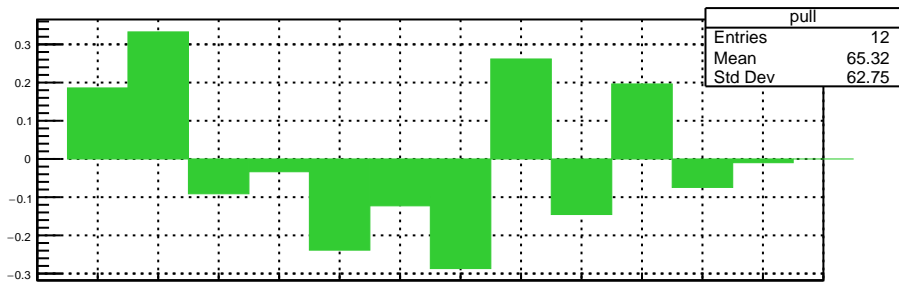
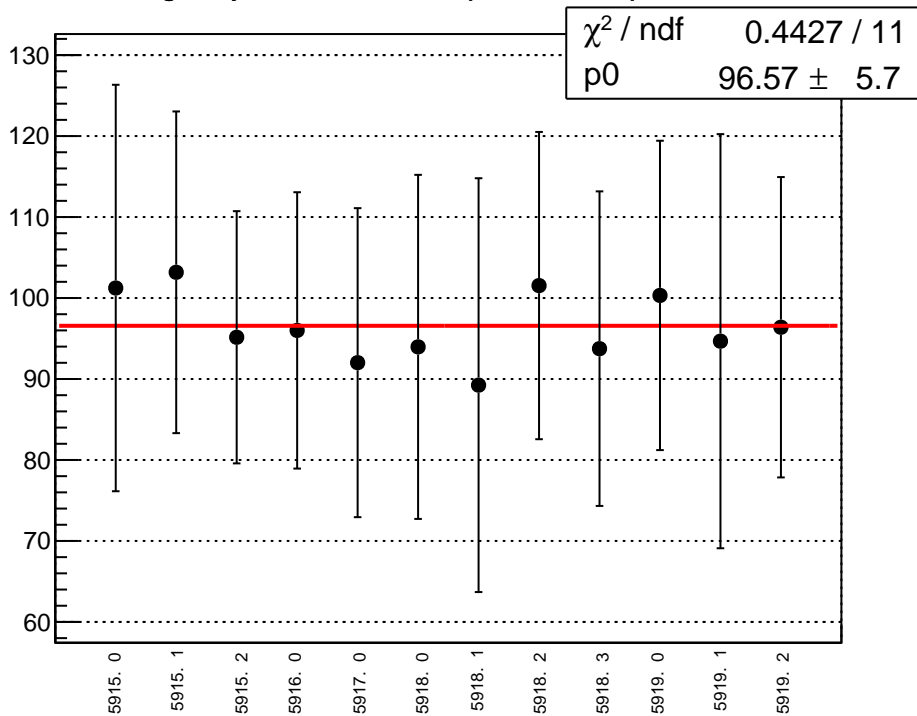
# reg\_asym\_sam5\_diff\_bpm4aY\_slope vs run



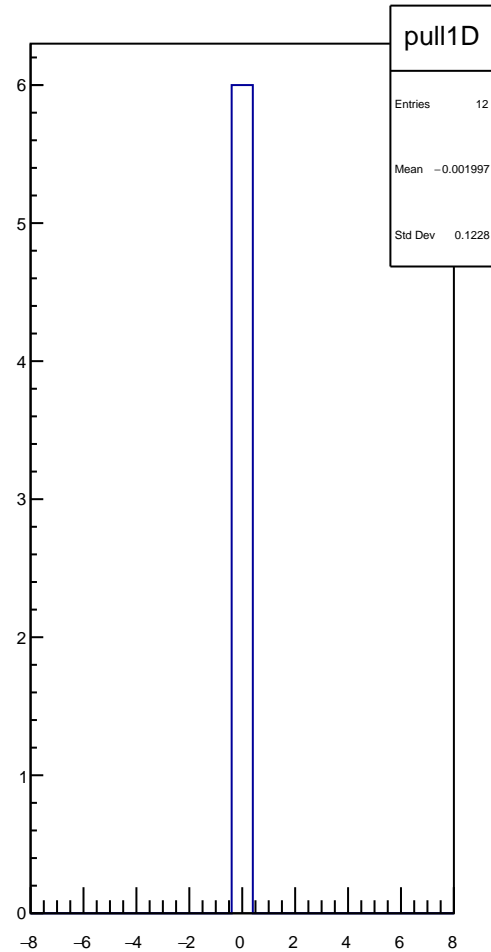
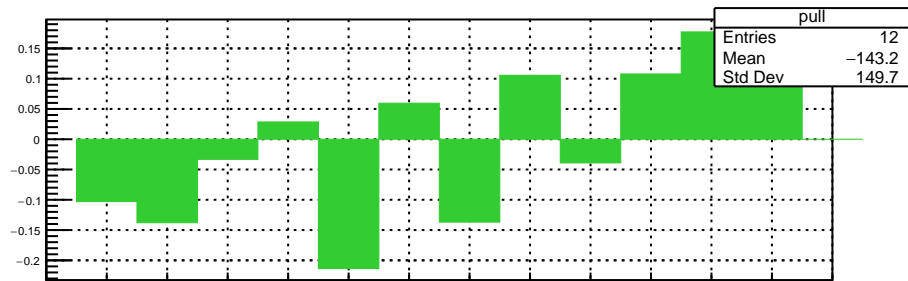
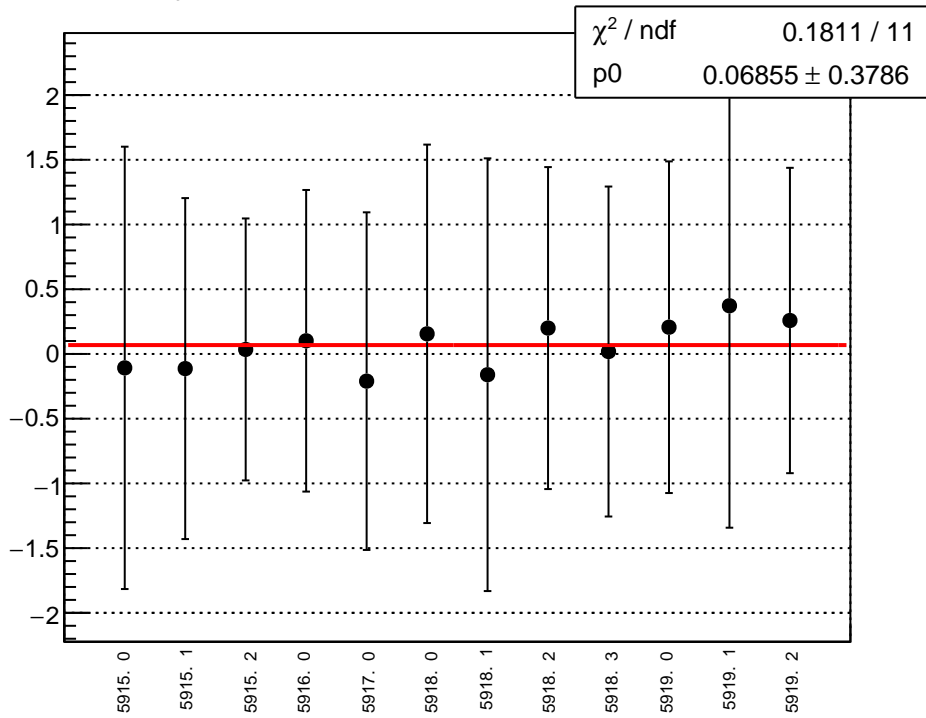
# reg\_asym\_sam5\_diff\_bpm4eX\_slope vs run



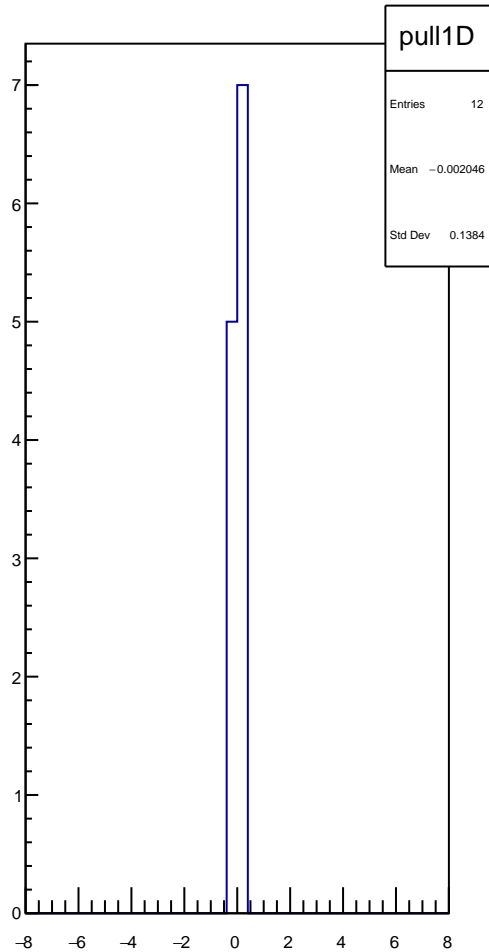
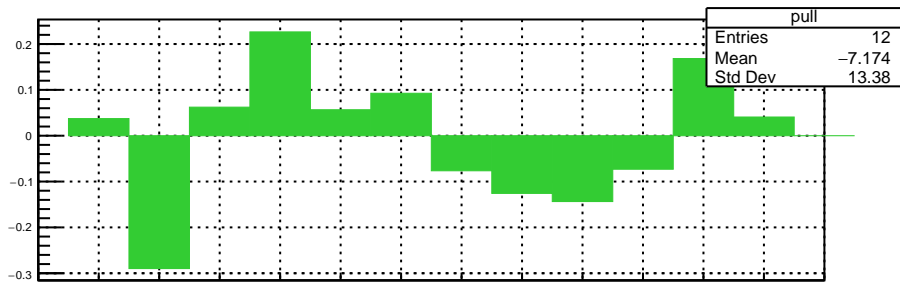
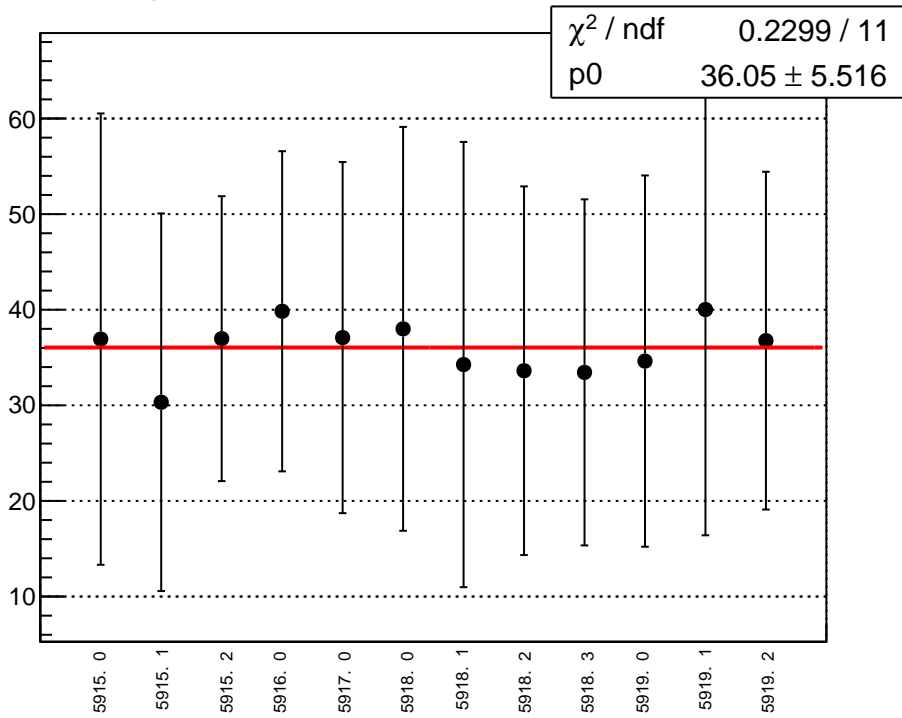
reg\_asym\_sam5\_diff\_bpm4eY\_slope vs run



# reg\_asym\_sam5\_diff\_bpm12X\_slope vs run

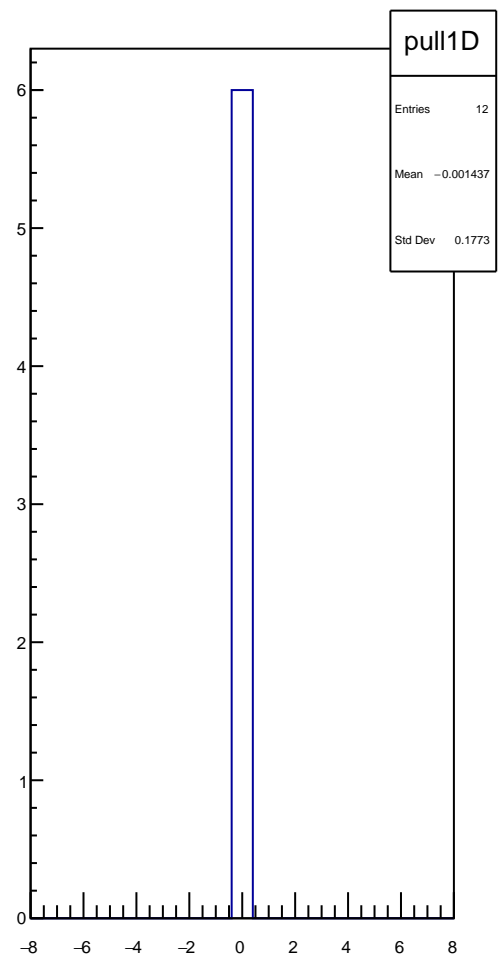
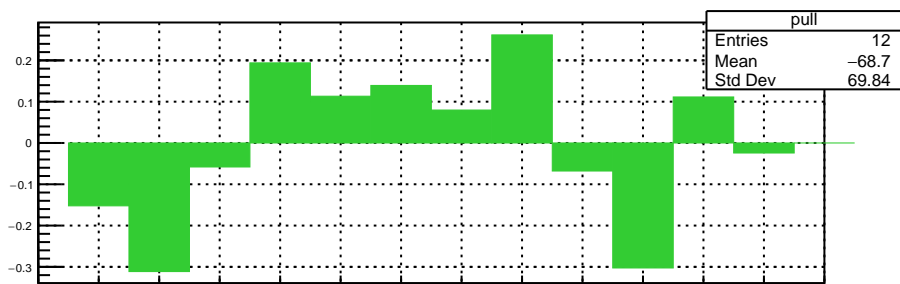
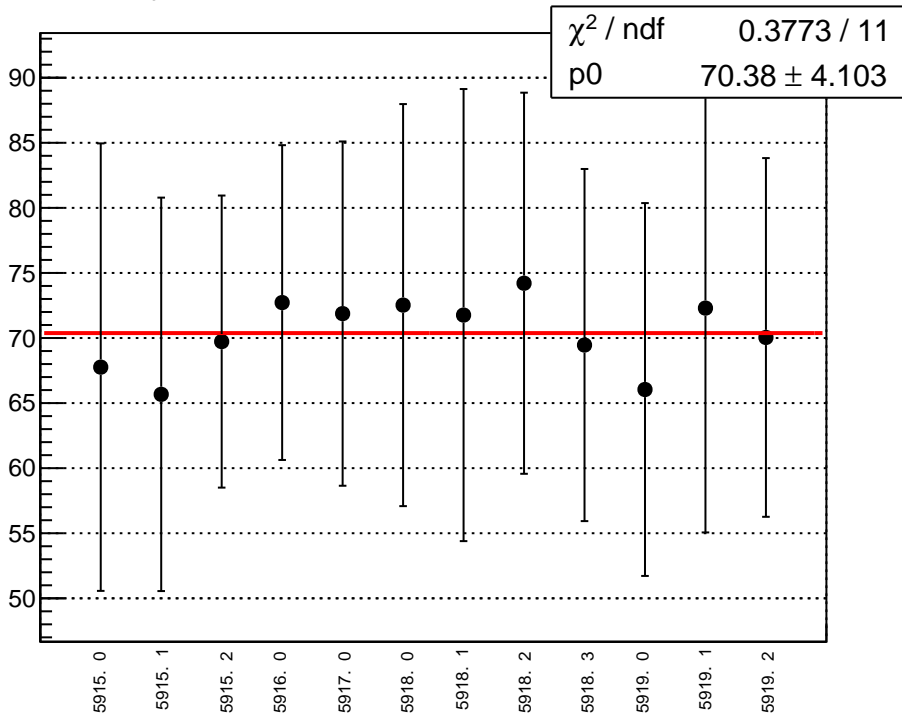


# reg\_asym\_sam6\_diff\_bpm4aX\_slope vs run

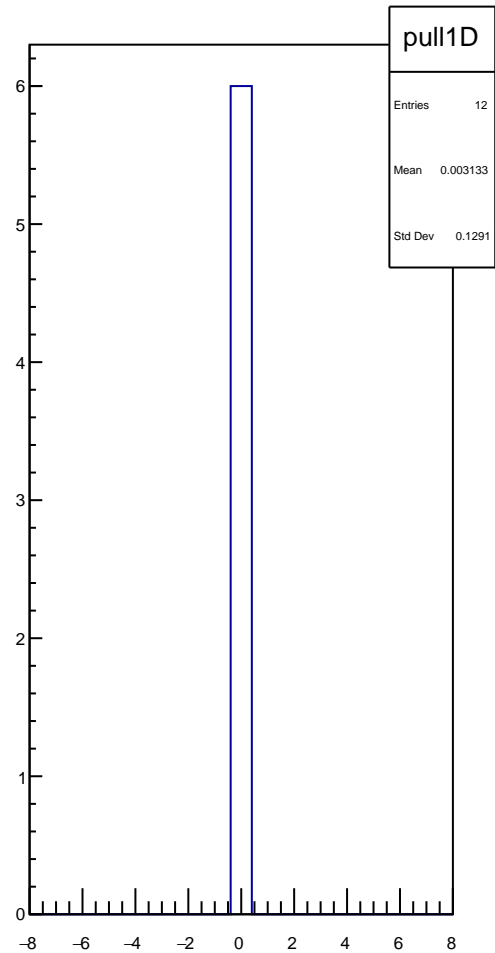
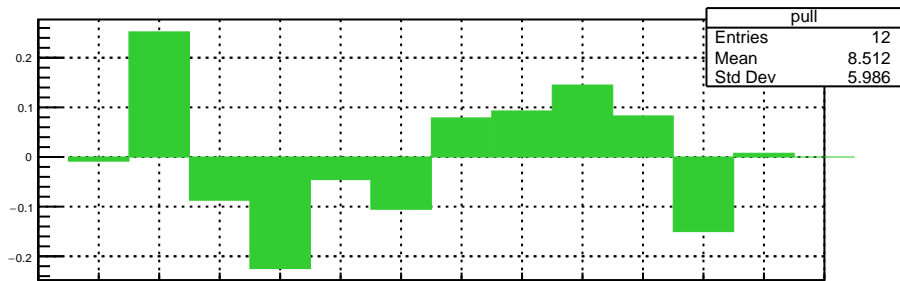
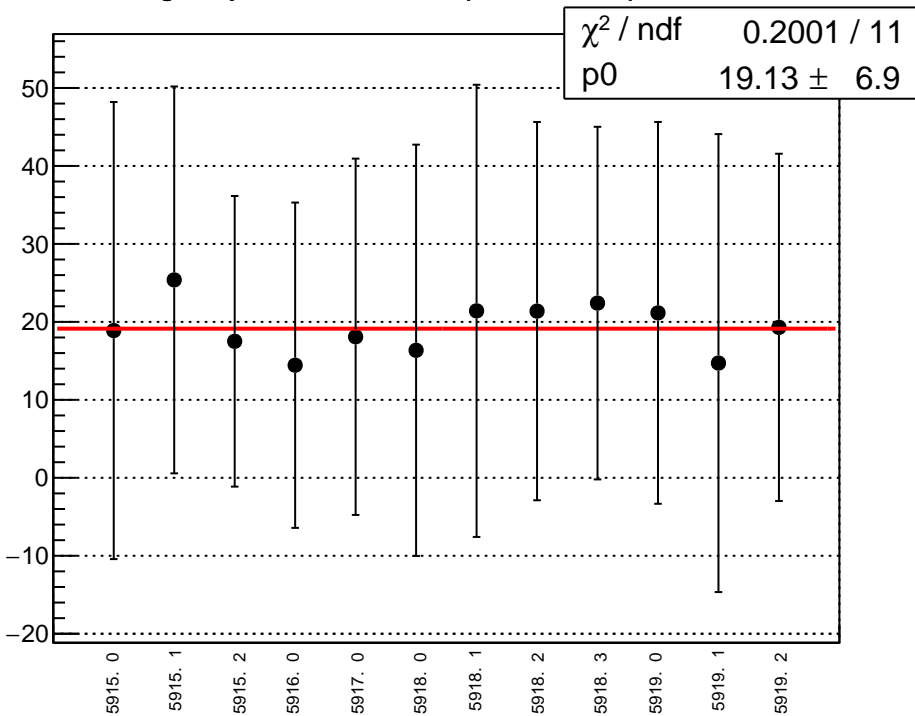




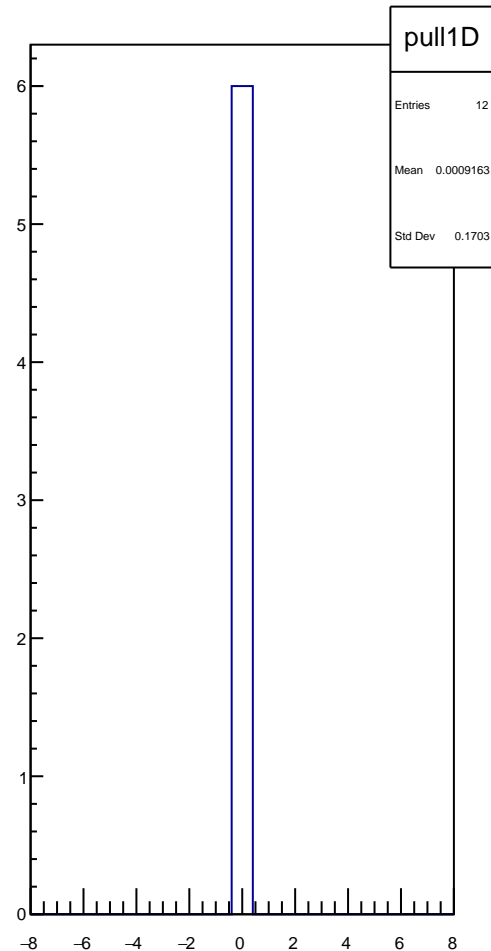
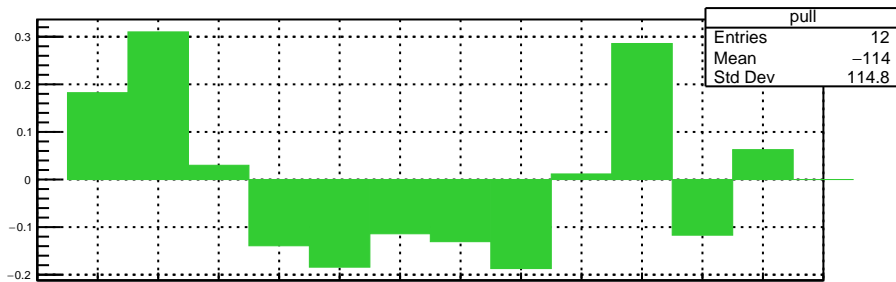
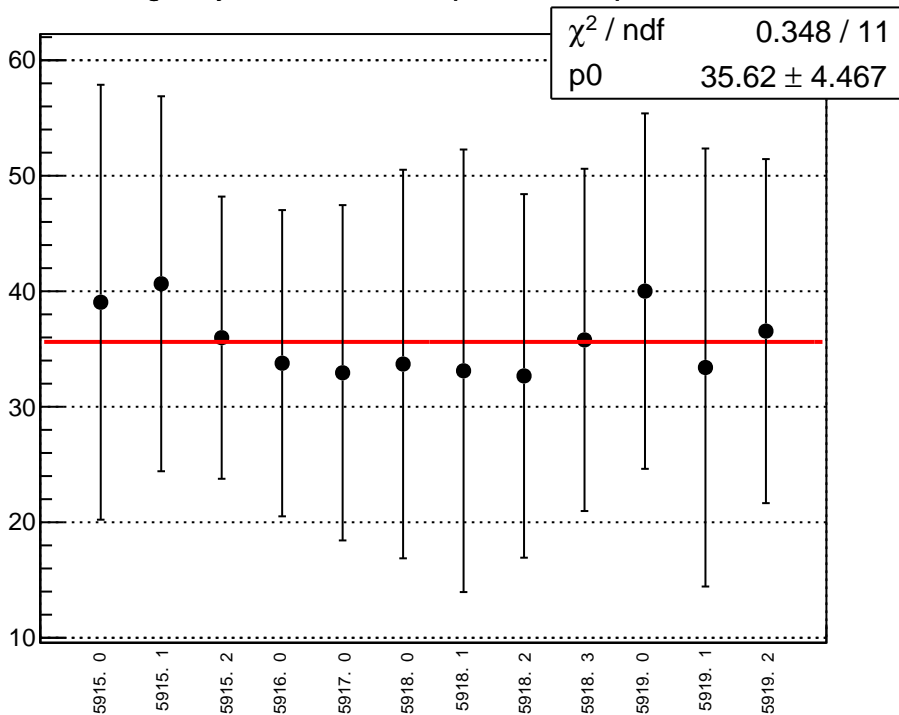
# reg\_asym\_sam6\_diff\_bpm4aY\_slope vs run



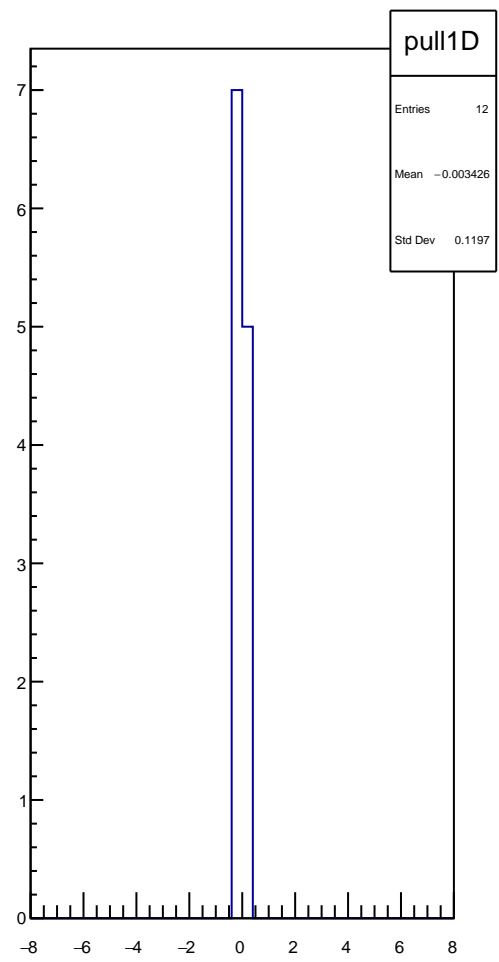
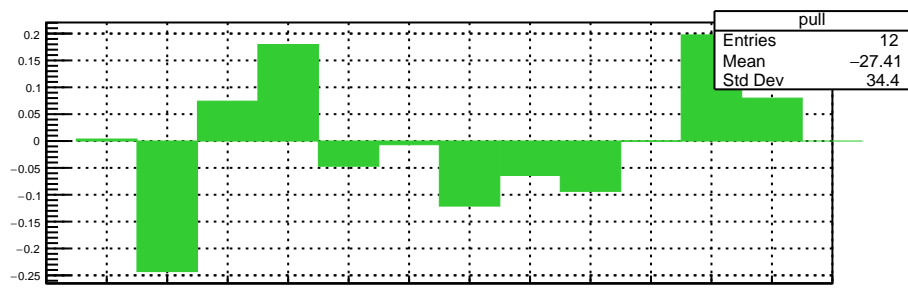
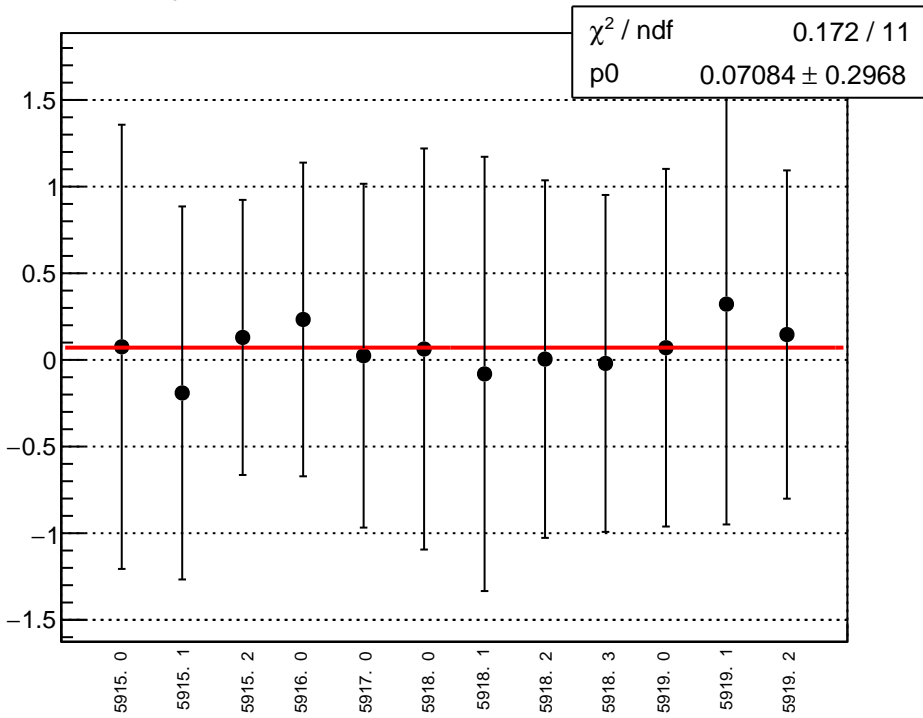
# reg\_asym\_sam6\_diff\_bpm4eX\_slope vs run



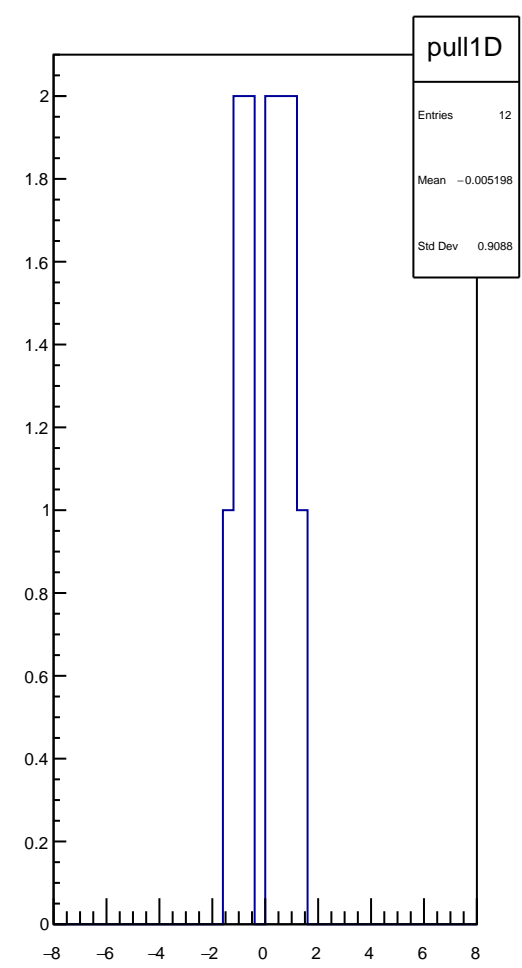
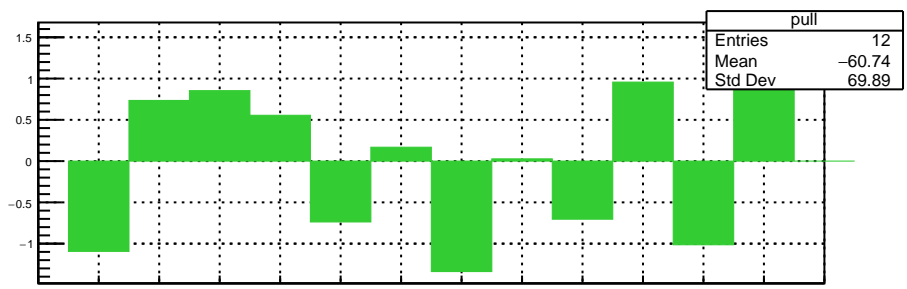
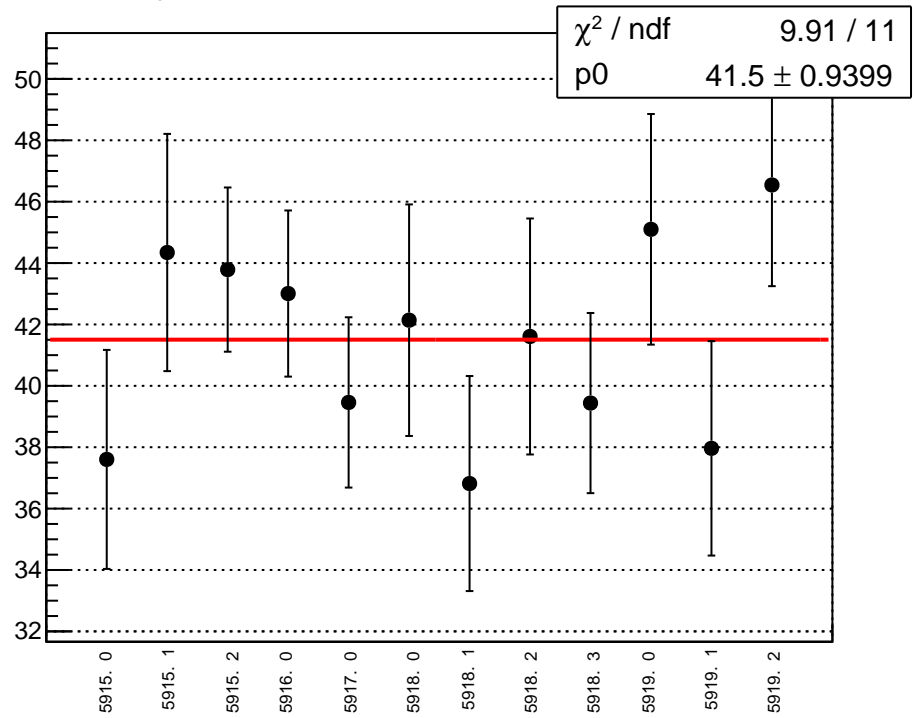
# reg\_asym\_sam6\_diff\_bpm4eY\_slope vs run



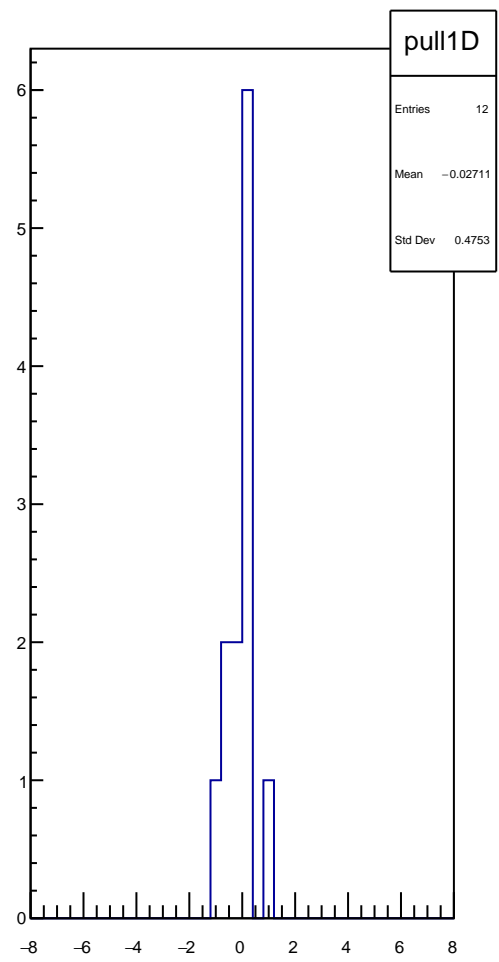
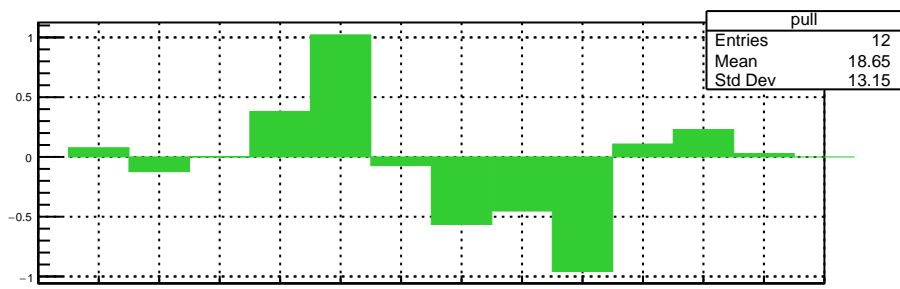
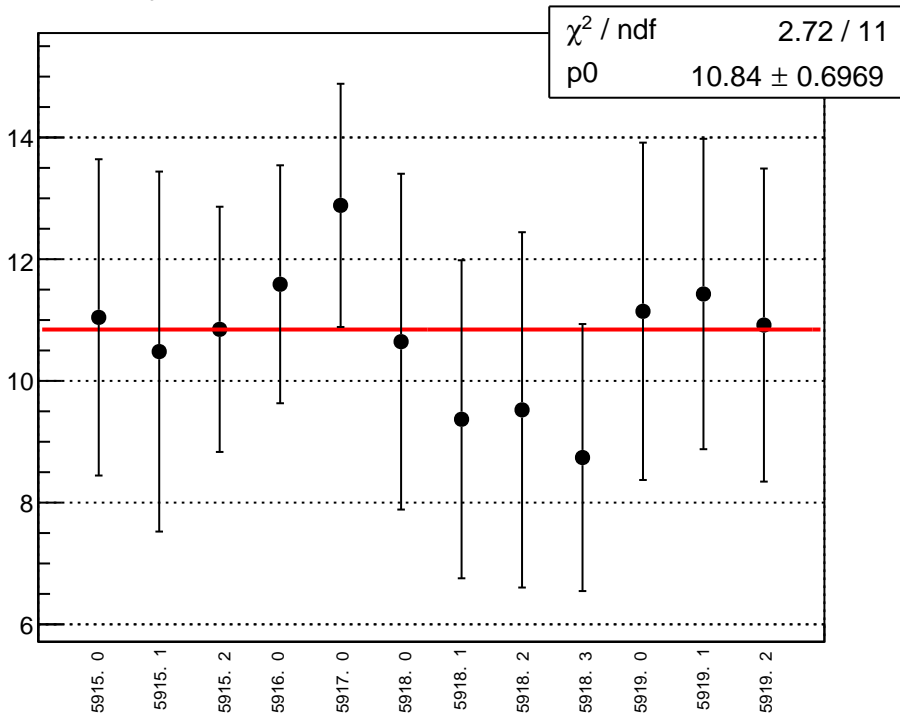
# reg\_asym\_sam6\_diff\_bpm12X\_slope vs run



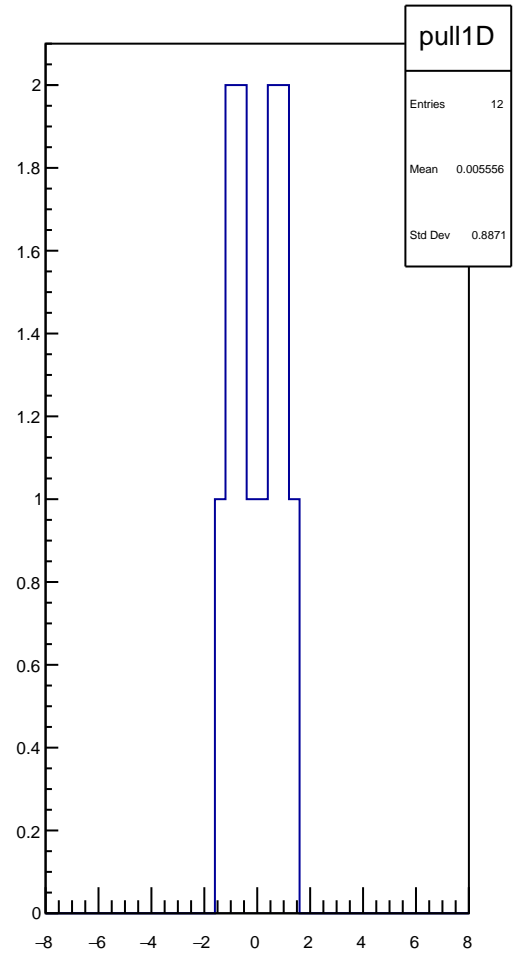
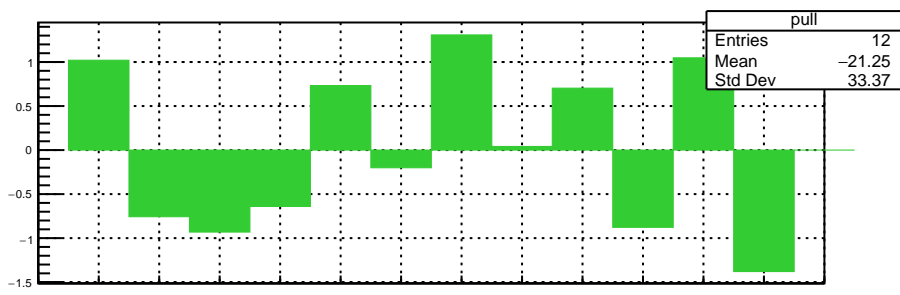
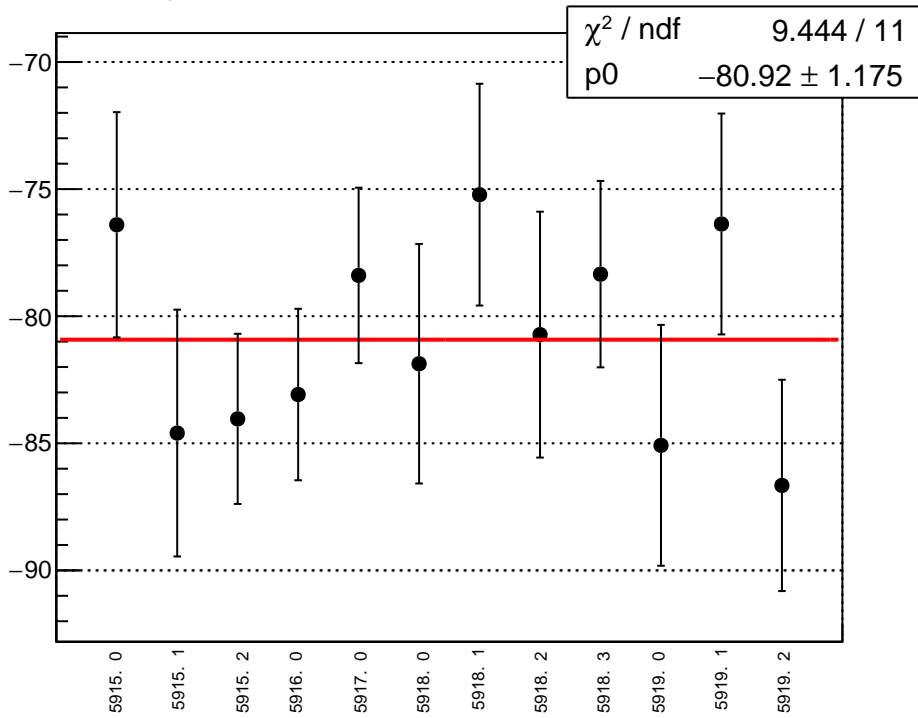
# reg\_asym\_sam7\_diff\_bpm4aX\_slope vs run



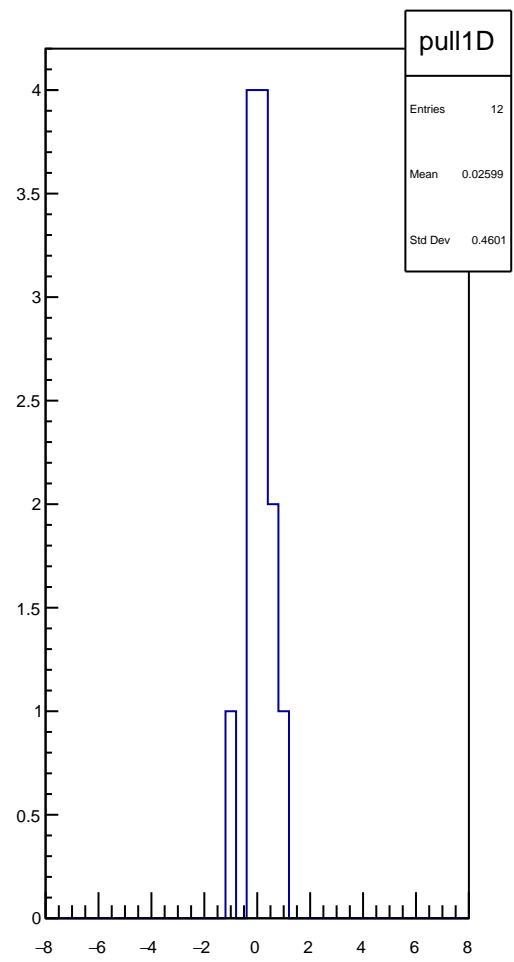
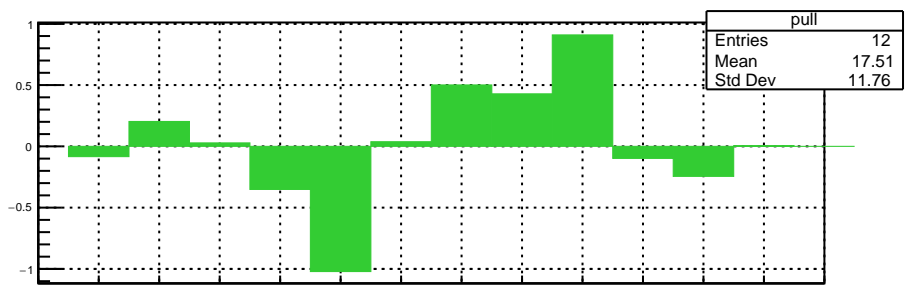
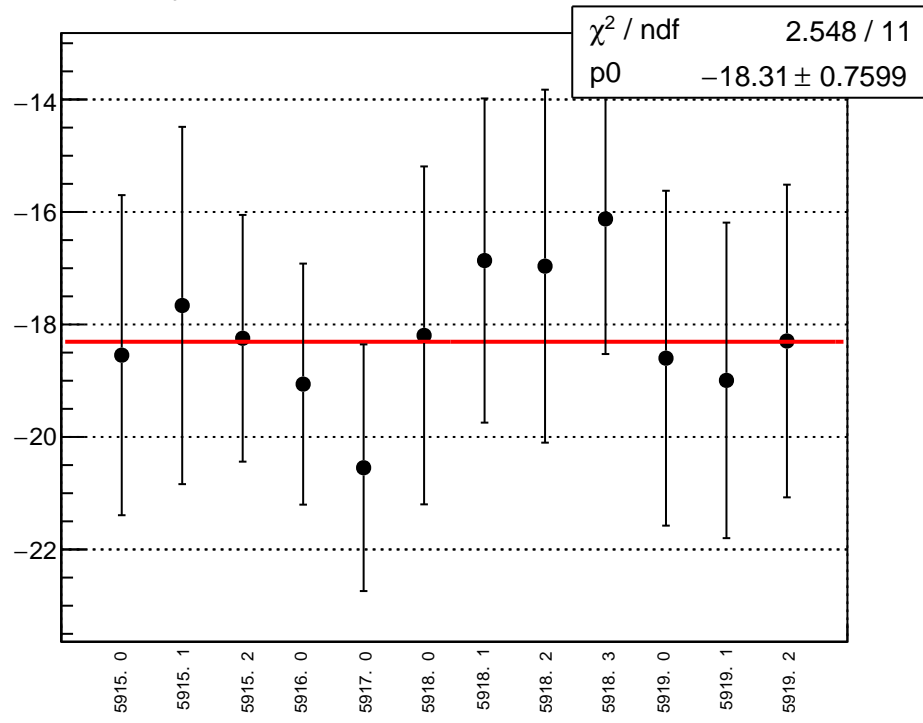
# reg\_asym\_sam7\_diff\_bpm4aY\_slope vs run



# reg\_asym\_sam7\_diff\_bpm4eX\_slope vs run

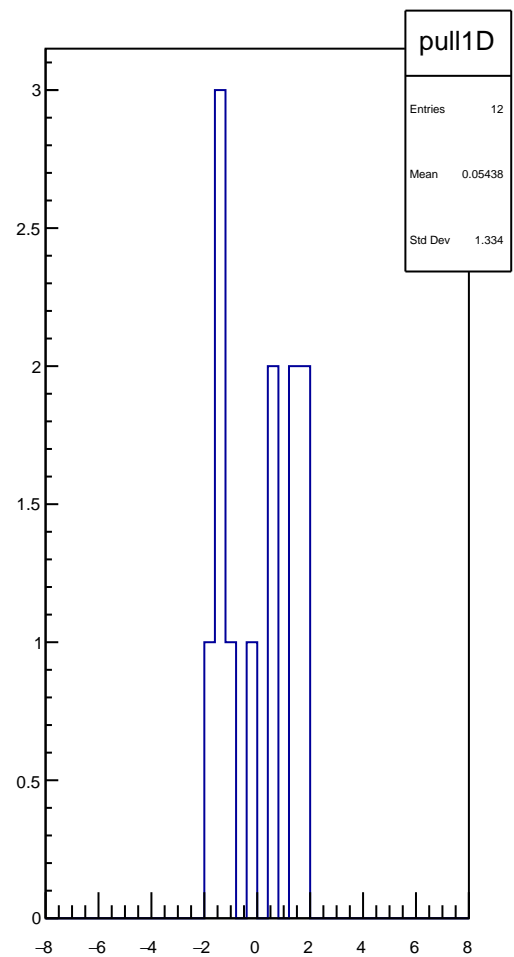
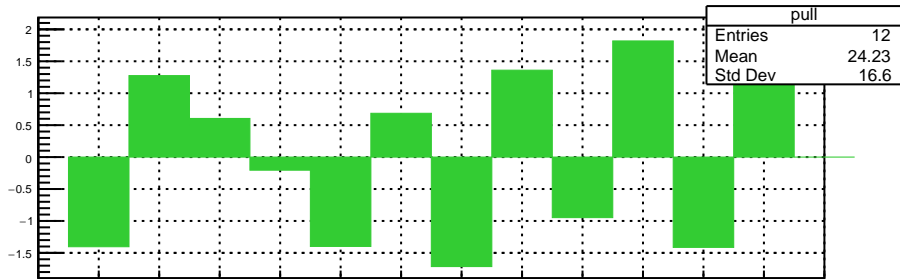
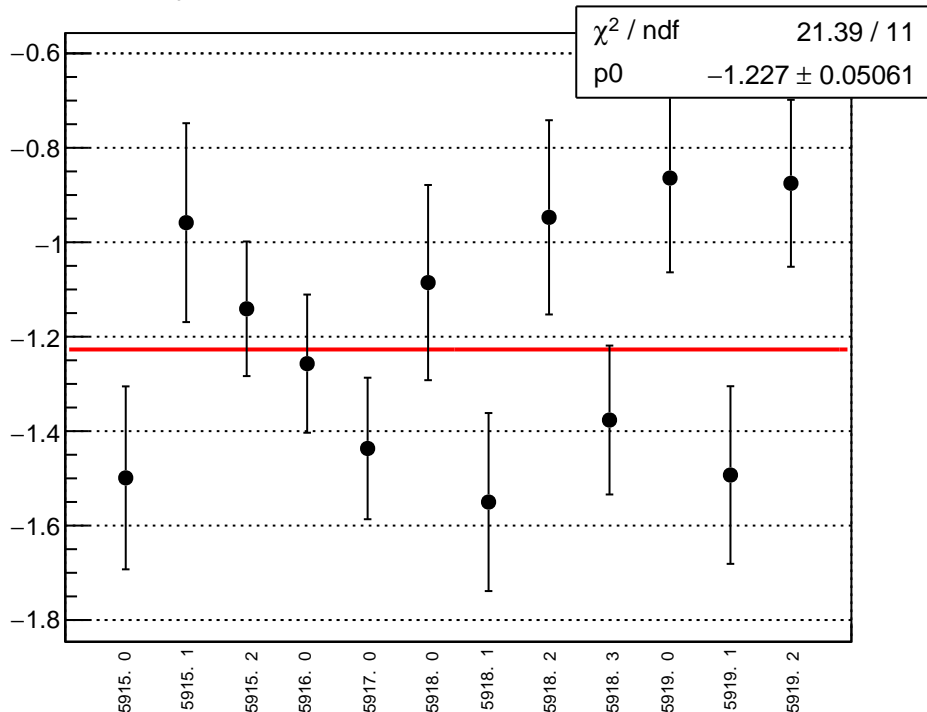


# reg\_asym\_sam7\_diff\_bpm4eY\_slope vs run

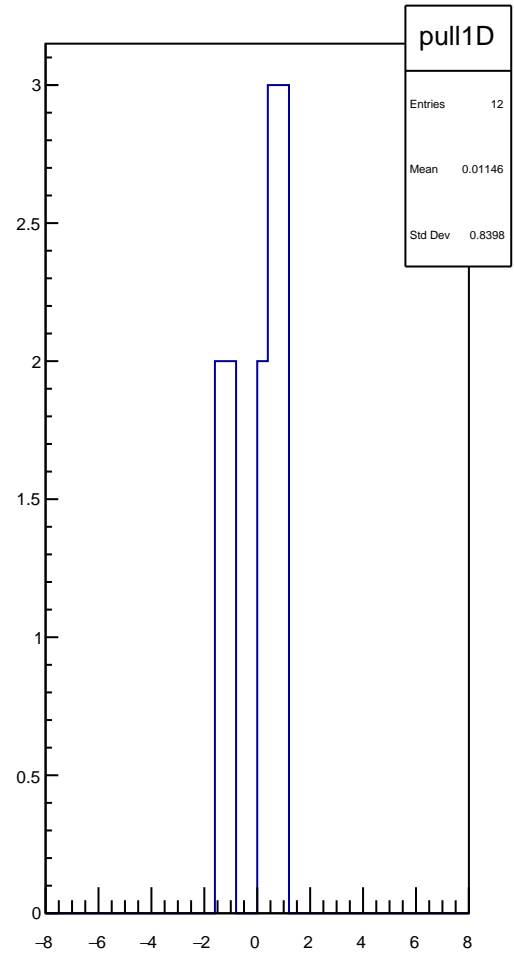
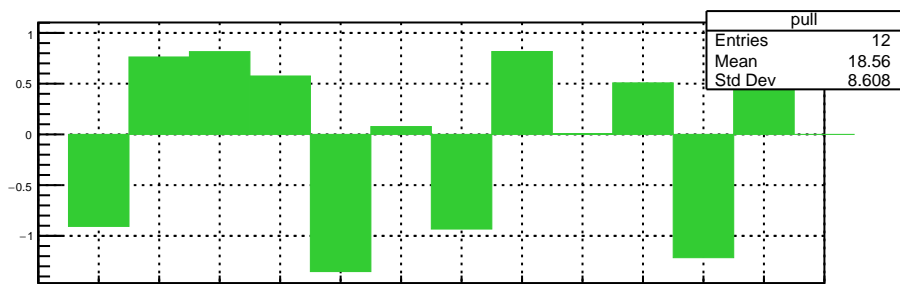
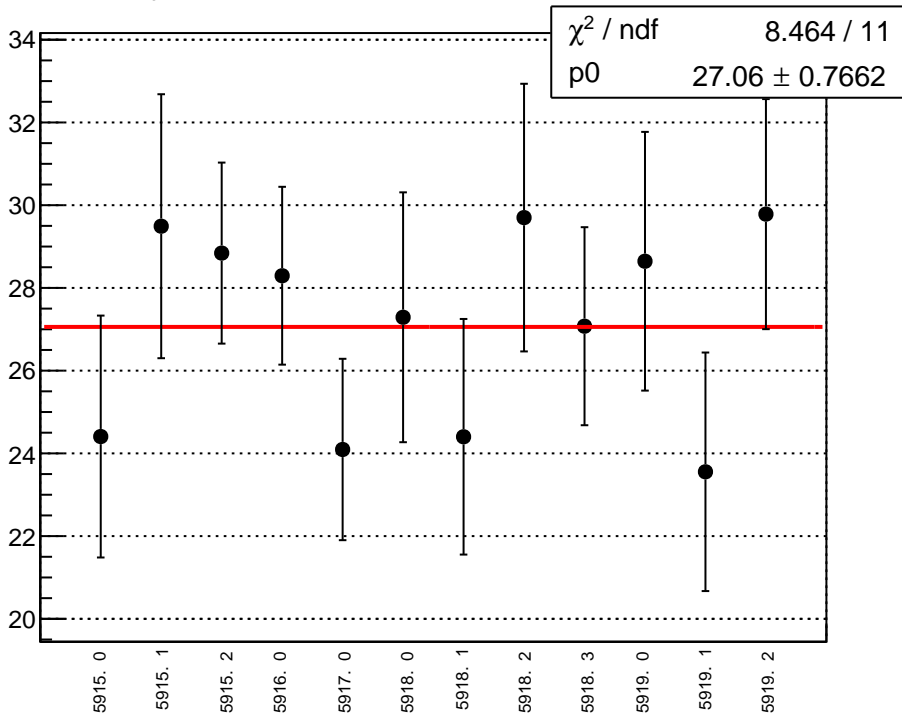




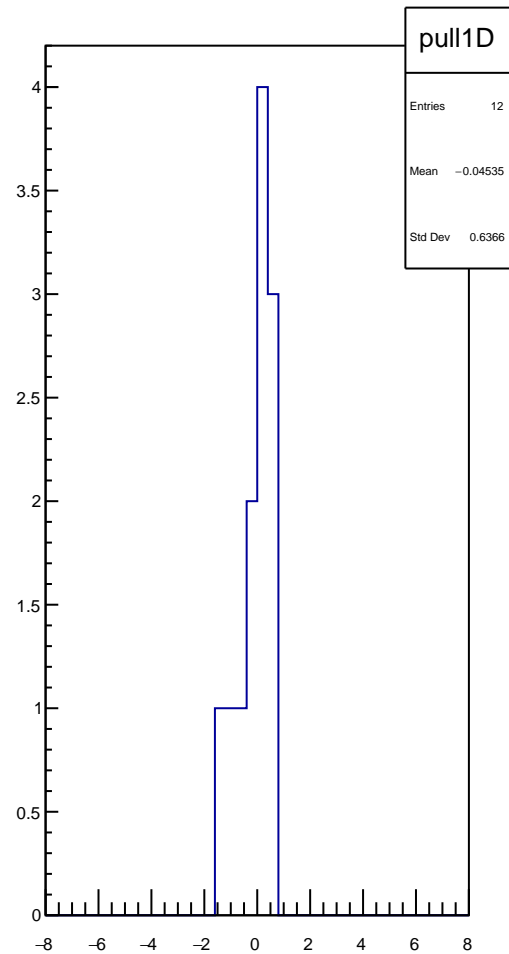
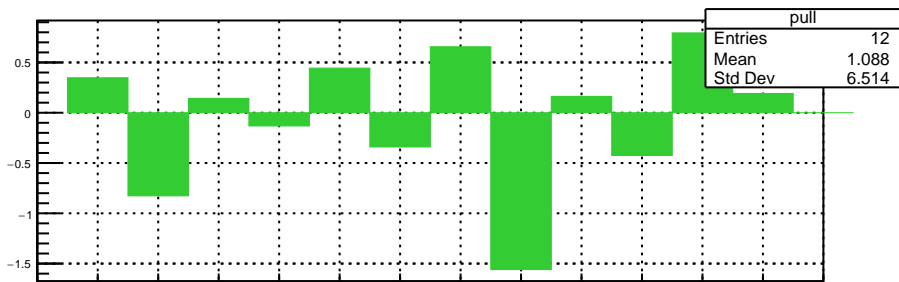
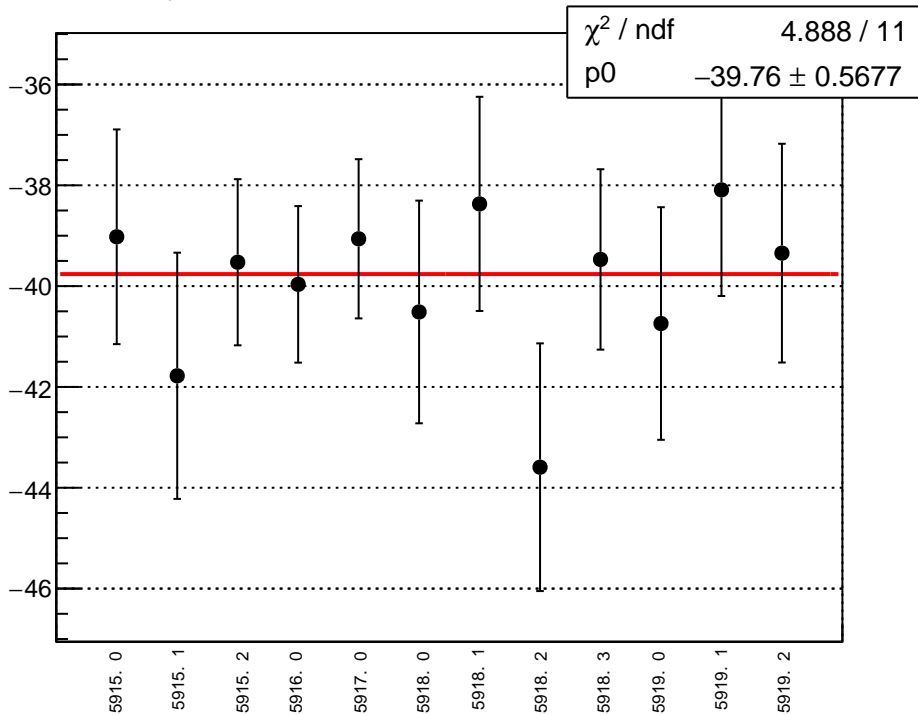
# reg\_asym\_sam7\_diff\_bpm12X\_slope vs run



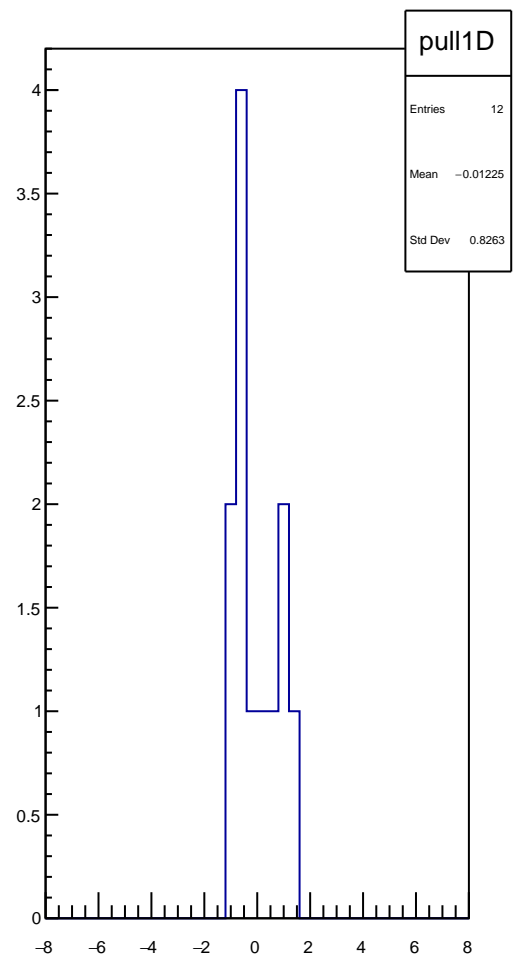
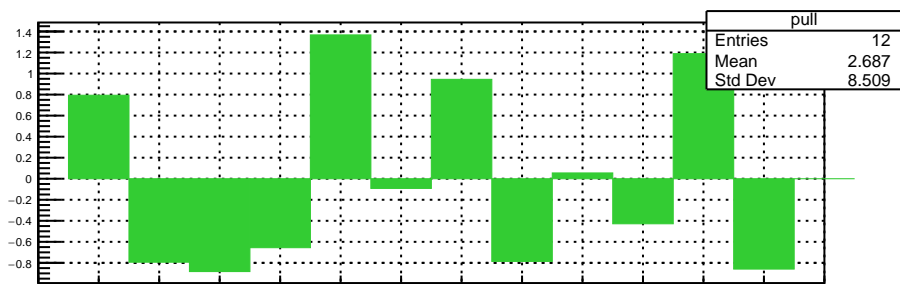
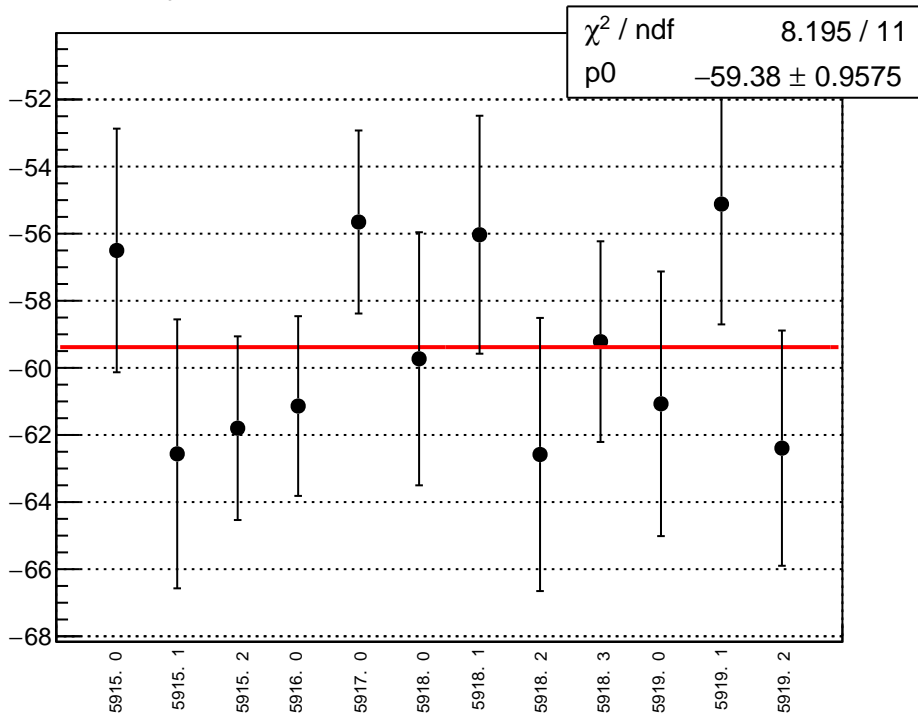
# reg\_asym\_sam8\_diff\_bpm4aX\_slope vs run



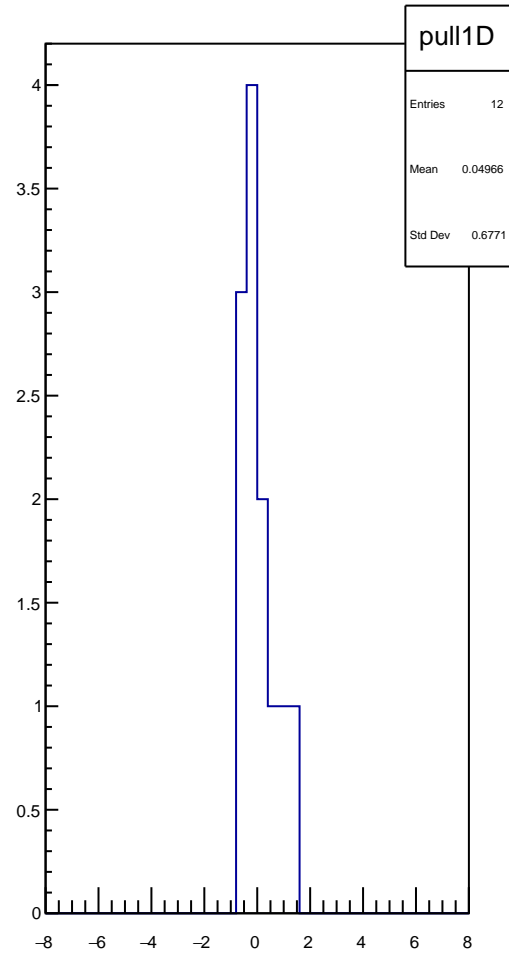
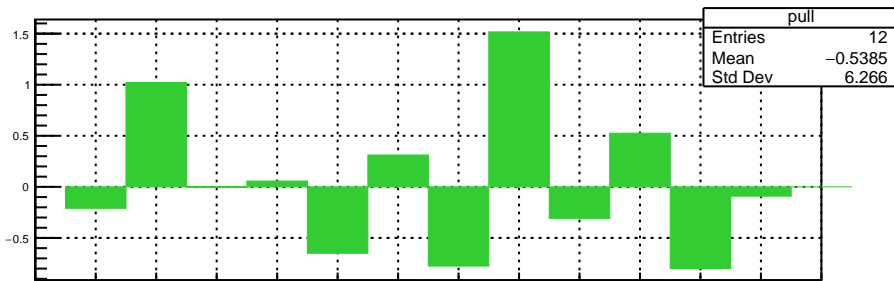
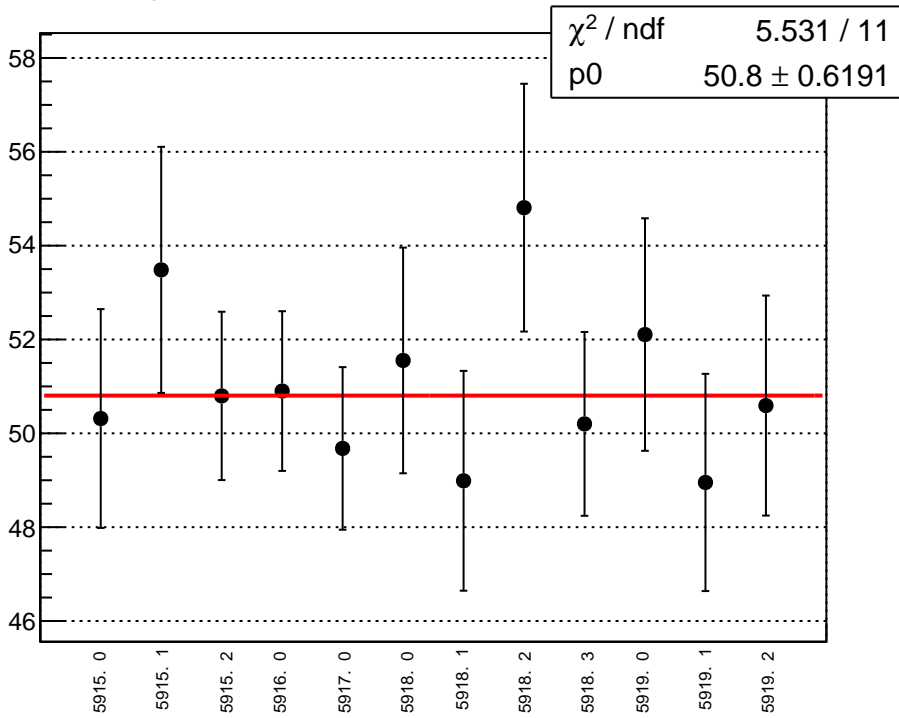
reg\_asym\_sam8\_diff\_bpm4aY\_slope vs run



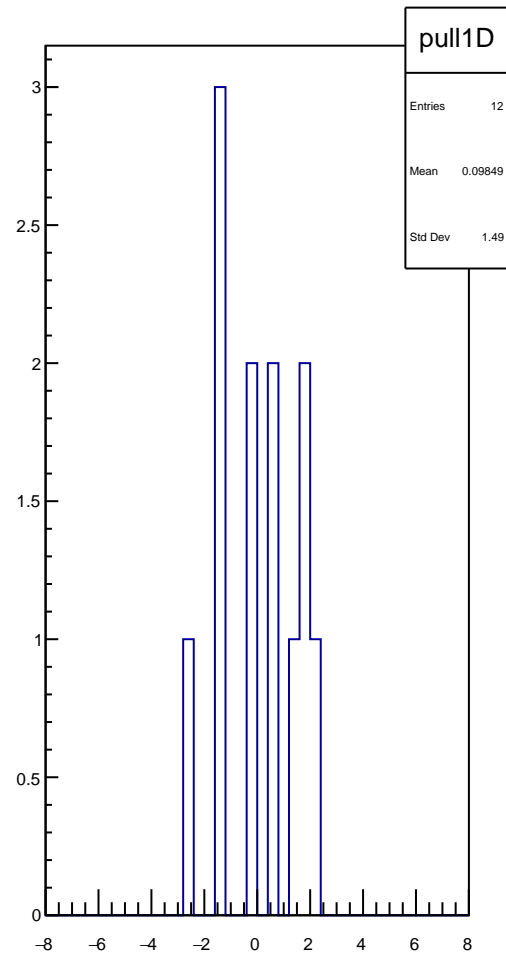
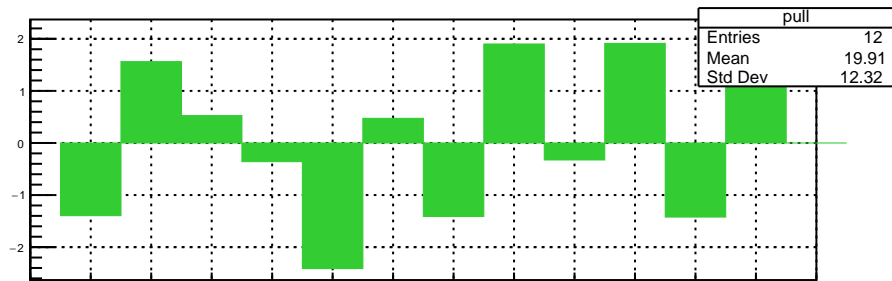
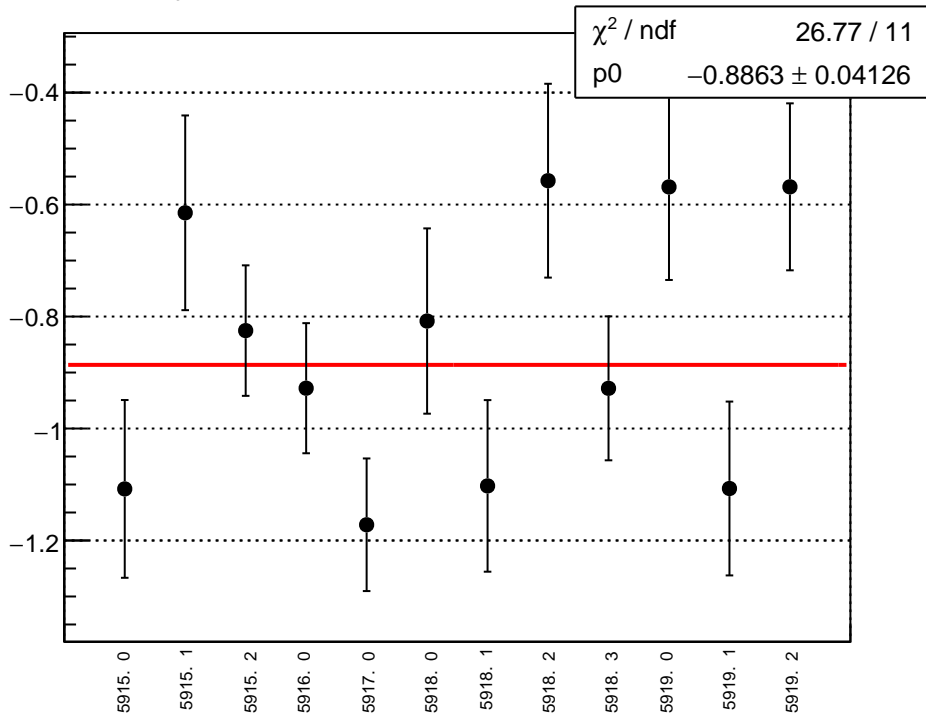
# reg\_asym\_sam8\_diff\_bpm4eX\_slope vs run



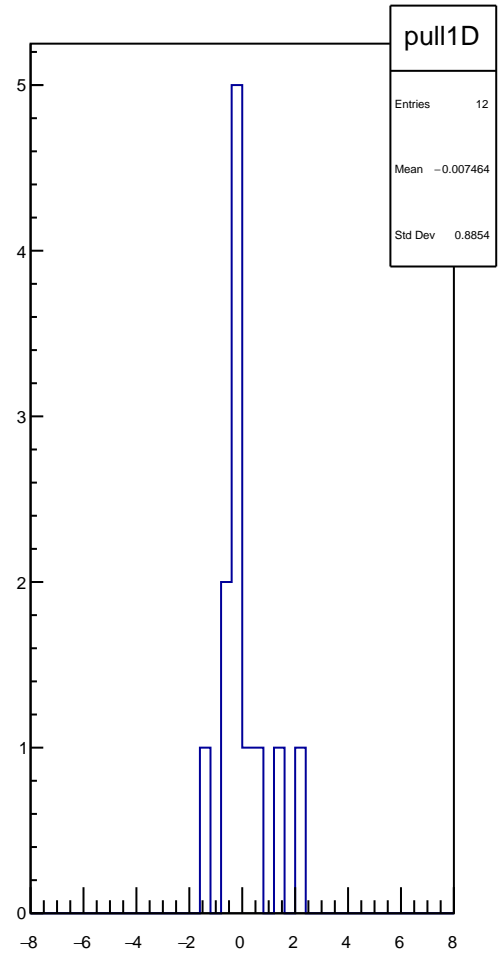
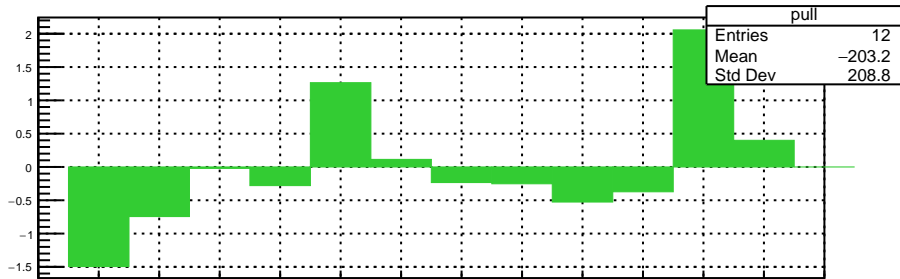
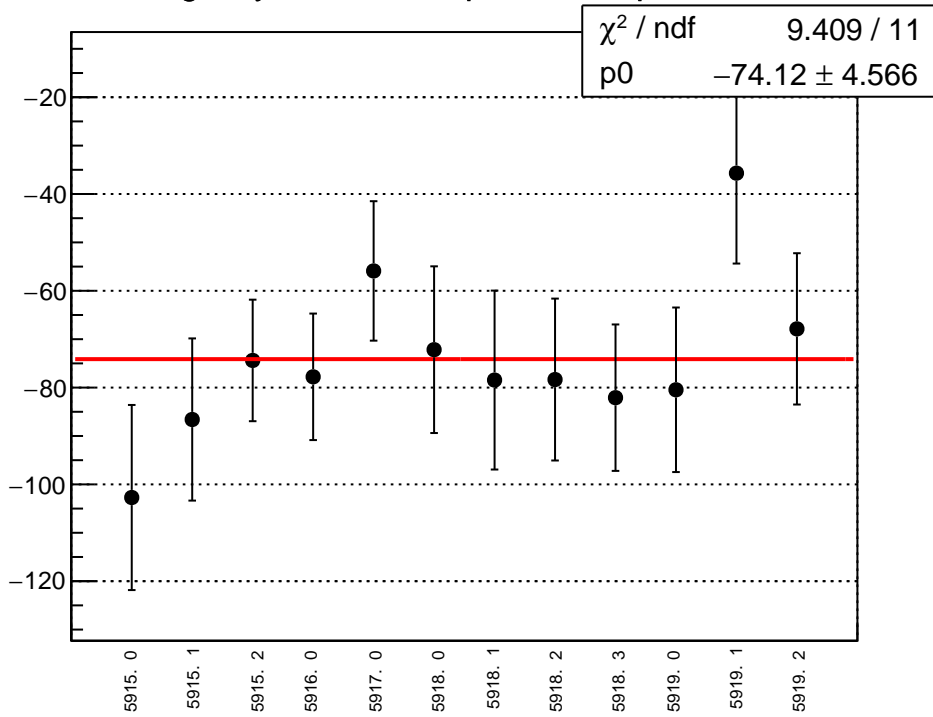
reg\_asym\_sam8\_diff\_bpm4eY\_slope vs run



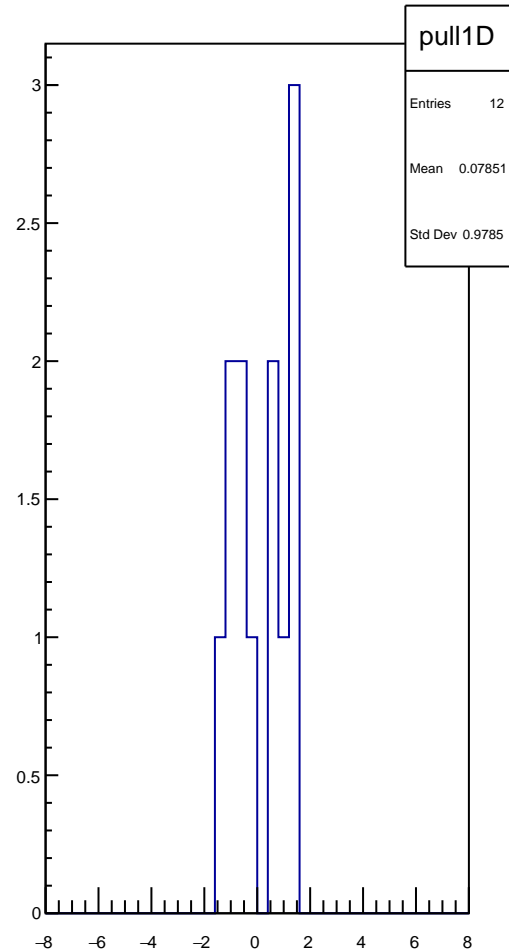
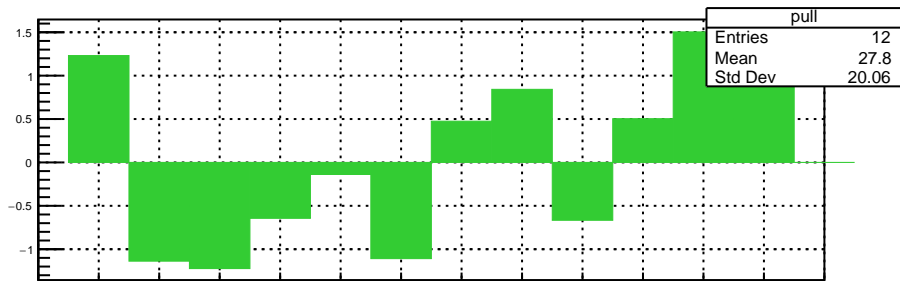
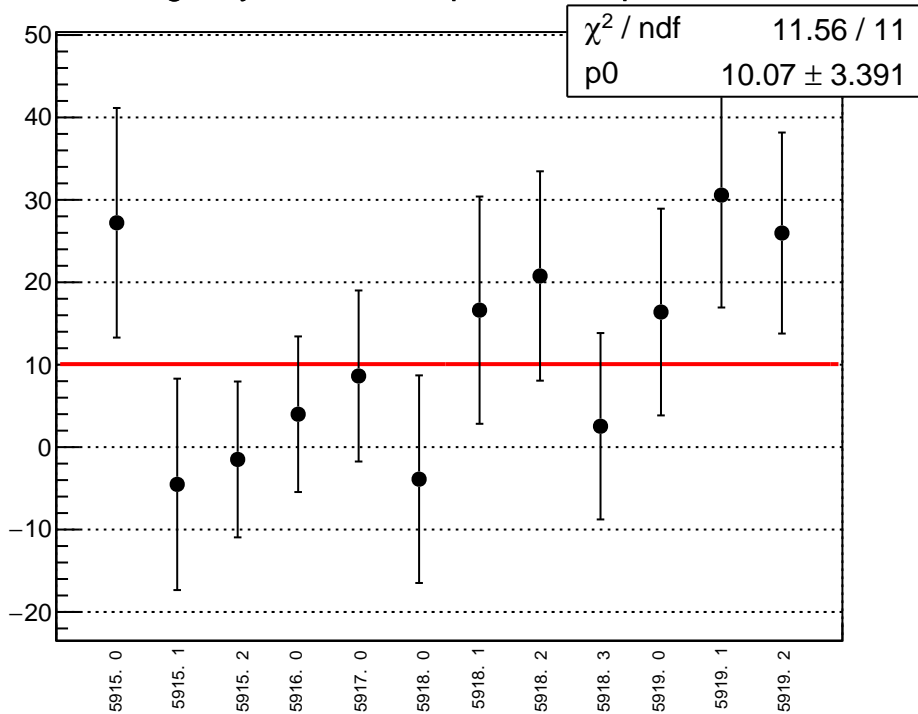
# reg\_asym\_sam8\_diff\_bpm12X\_slope vs run



# reg\_asym\_usl\_diff\_bpm4aX\_slope vs run

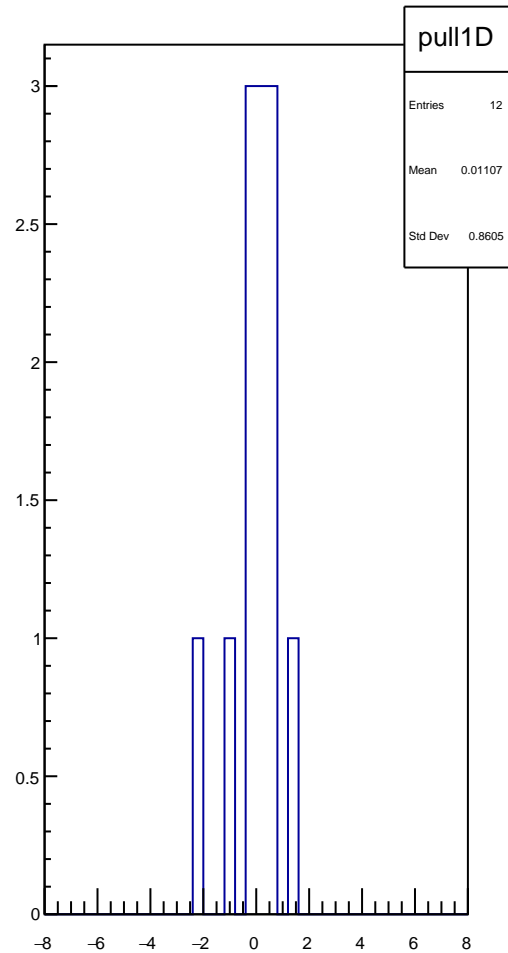
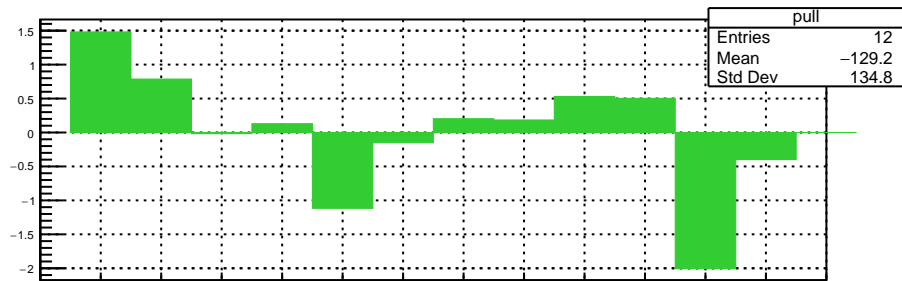
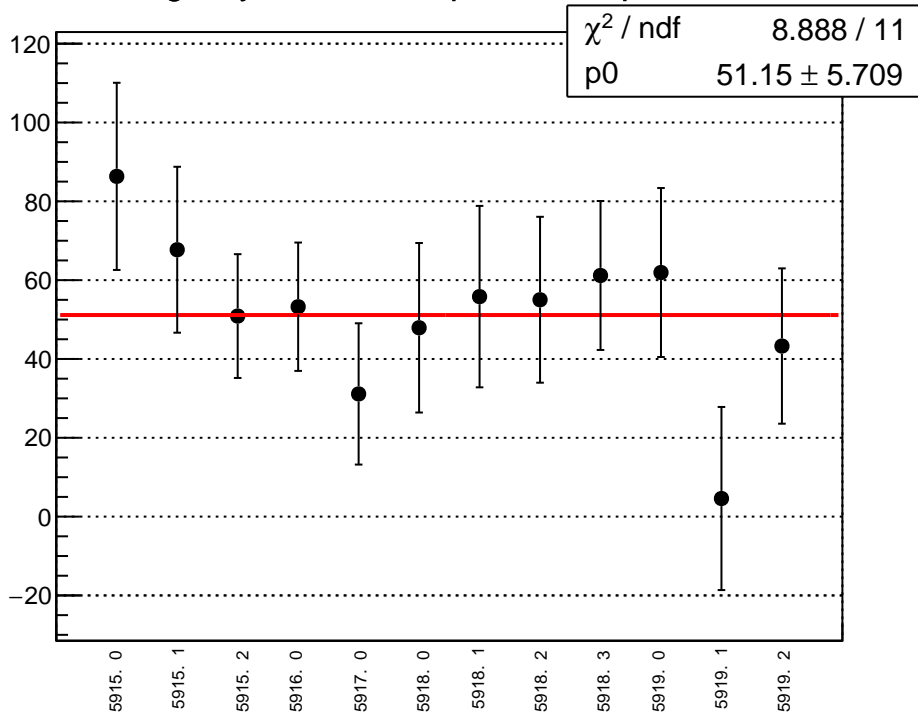


# reg\_asym\_usl\_diff\_bpm4aY\_slope vs run

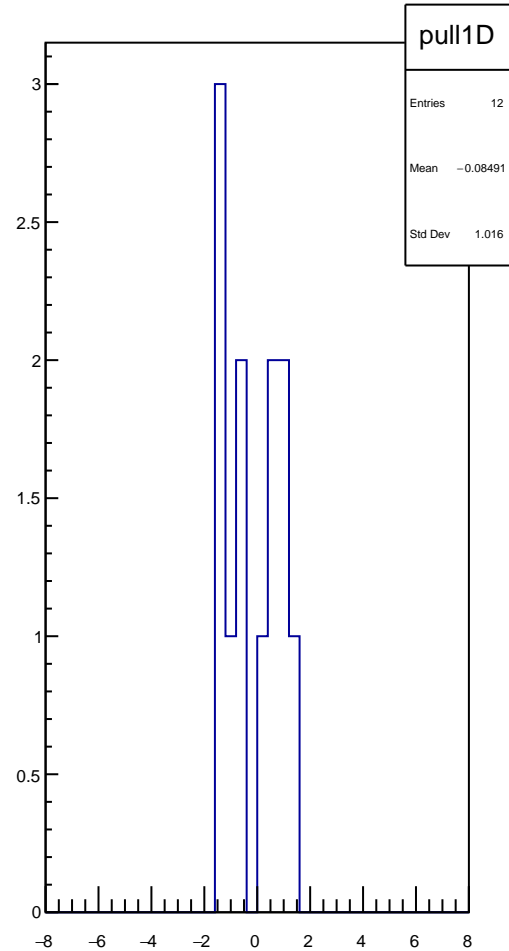
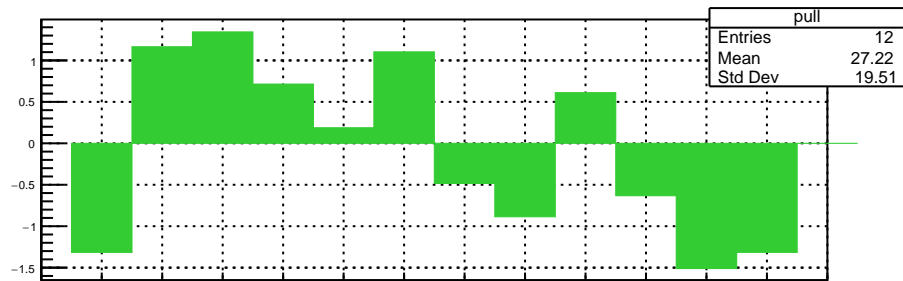
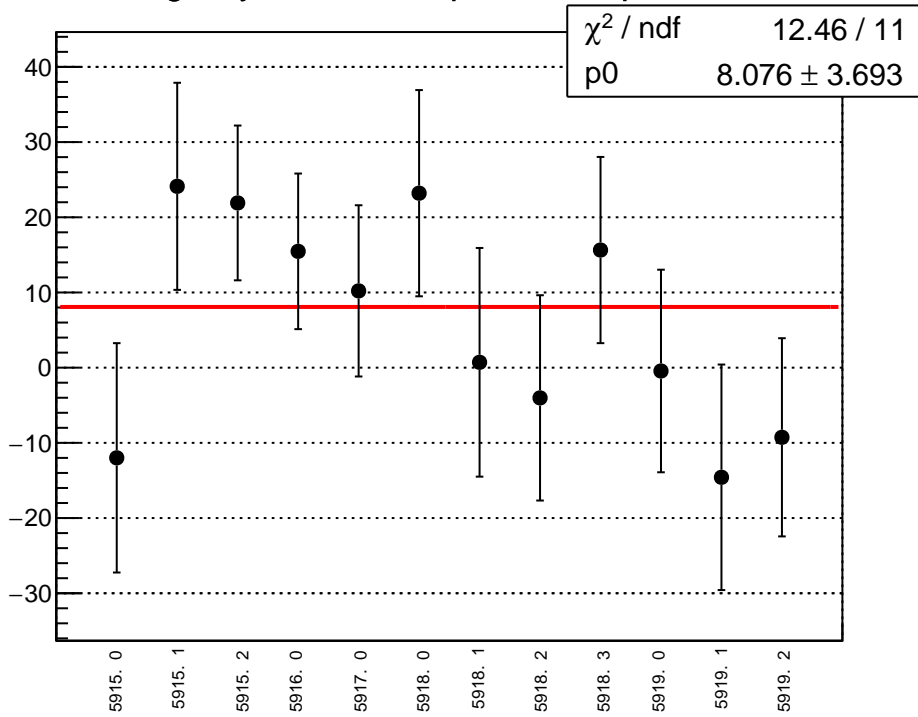




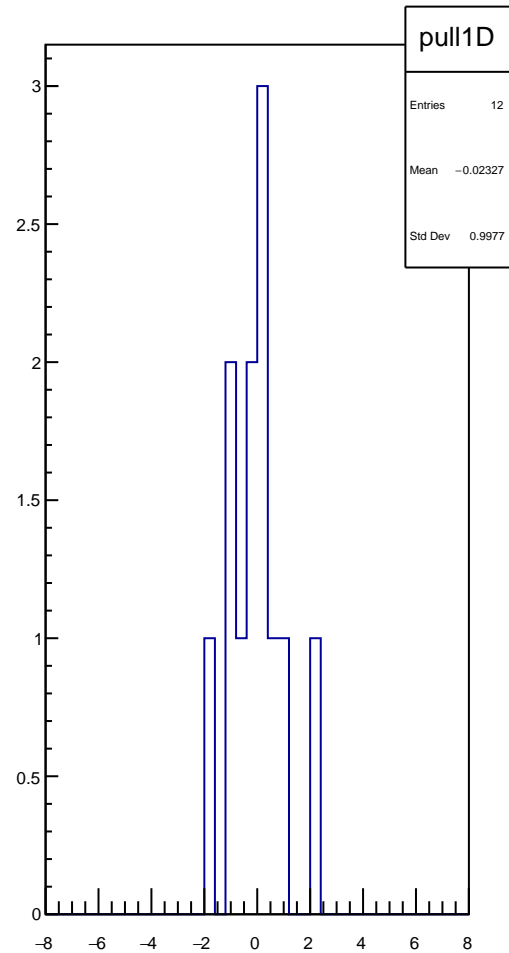
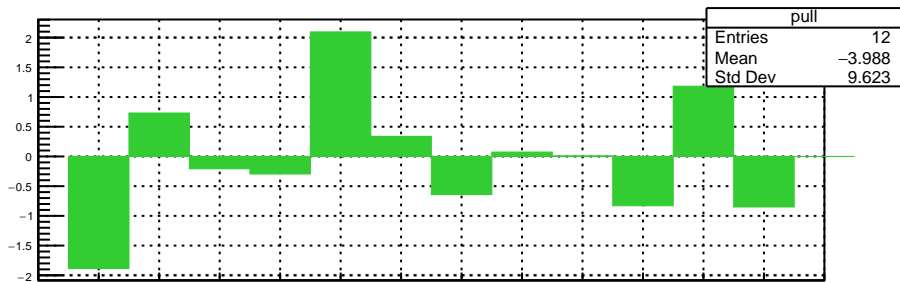
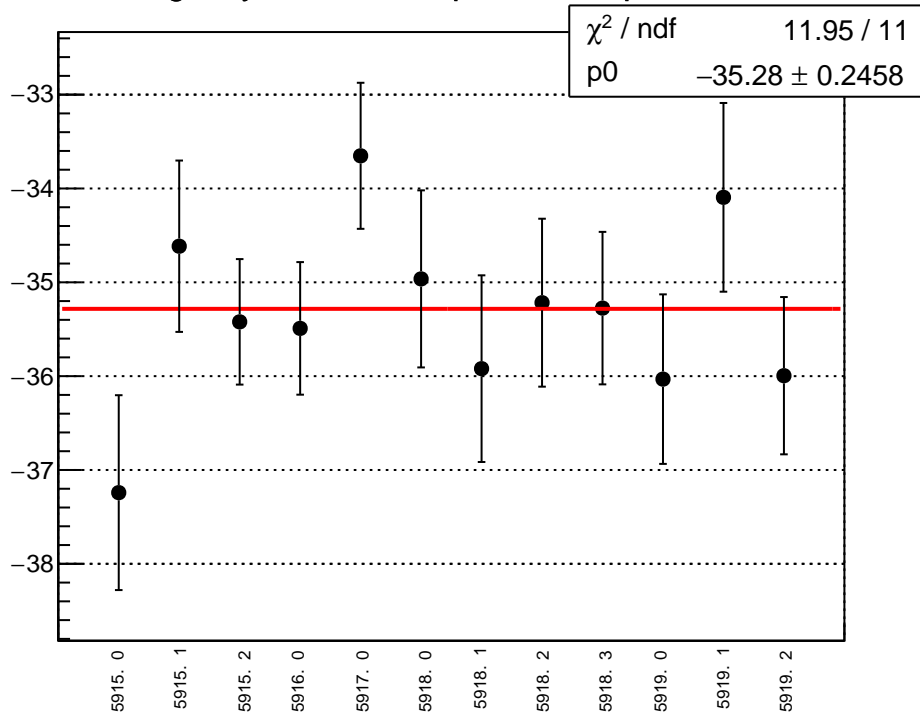
# reg\_asym\_usl\_diff\_bpm4eX\_slope vs run



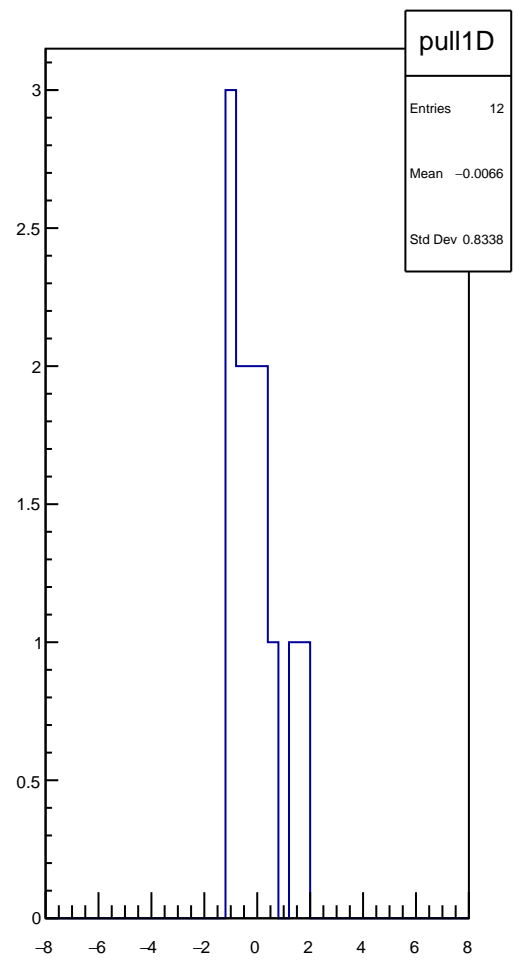
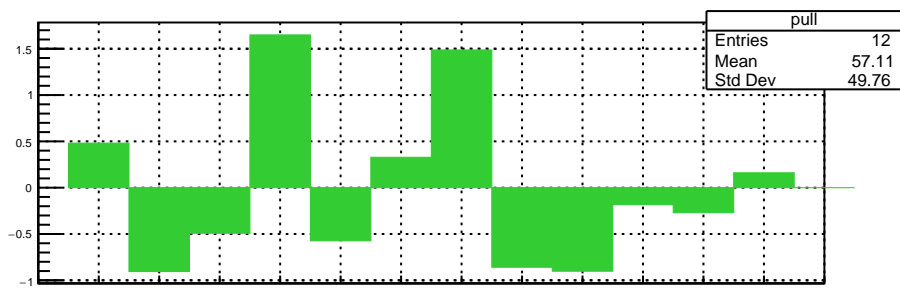
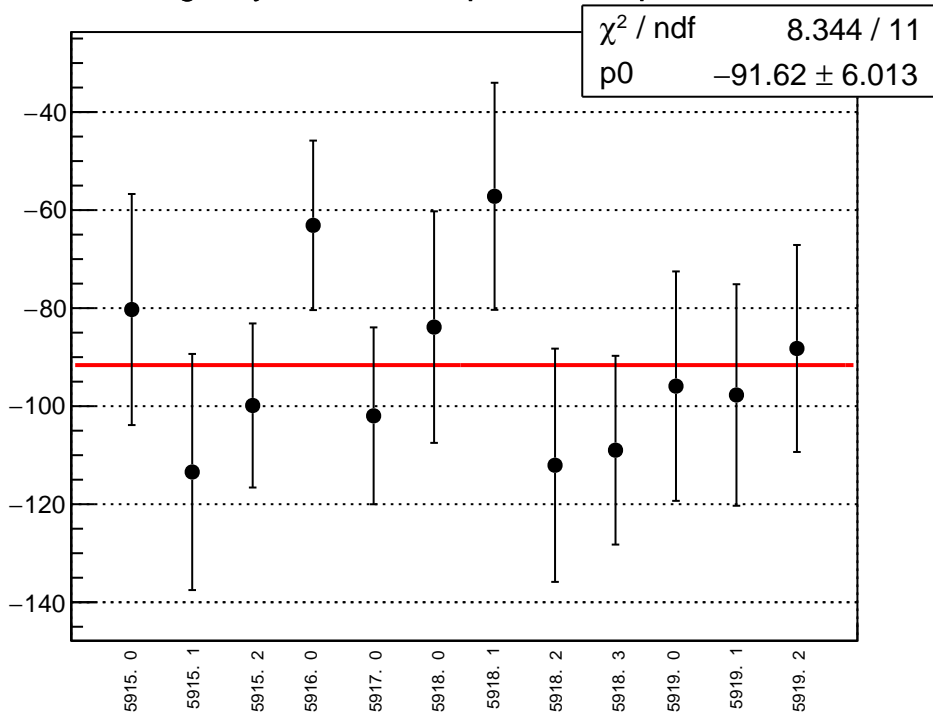
# reg\_asym\_usl\_diff\_bpm4eY\_slope vs run



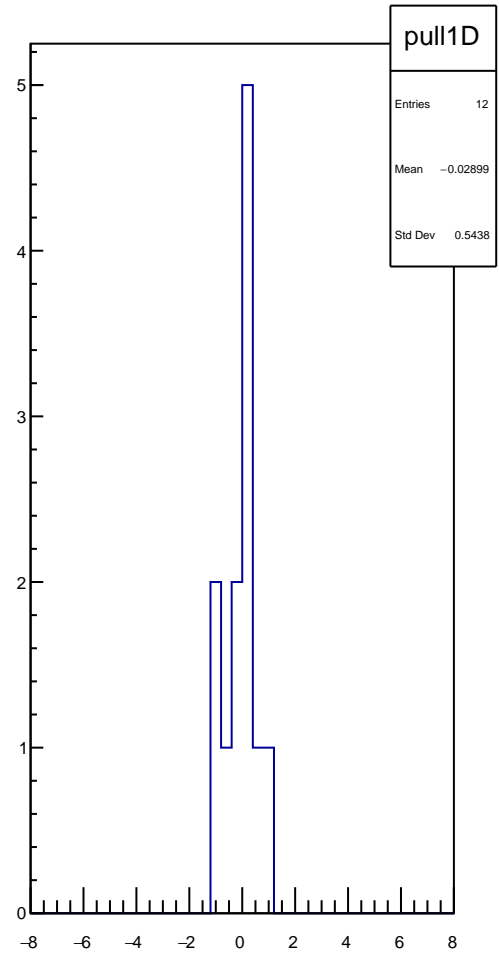
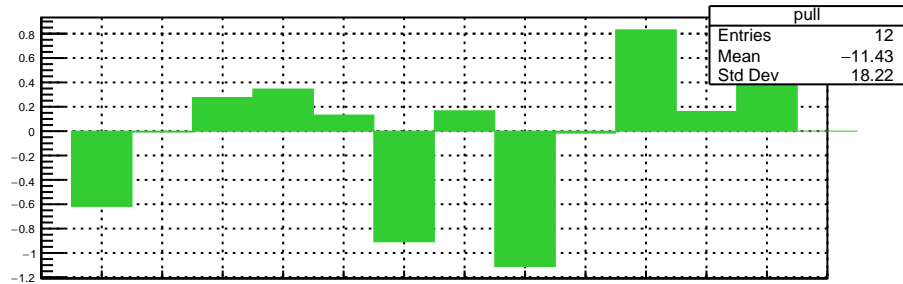
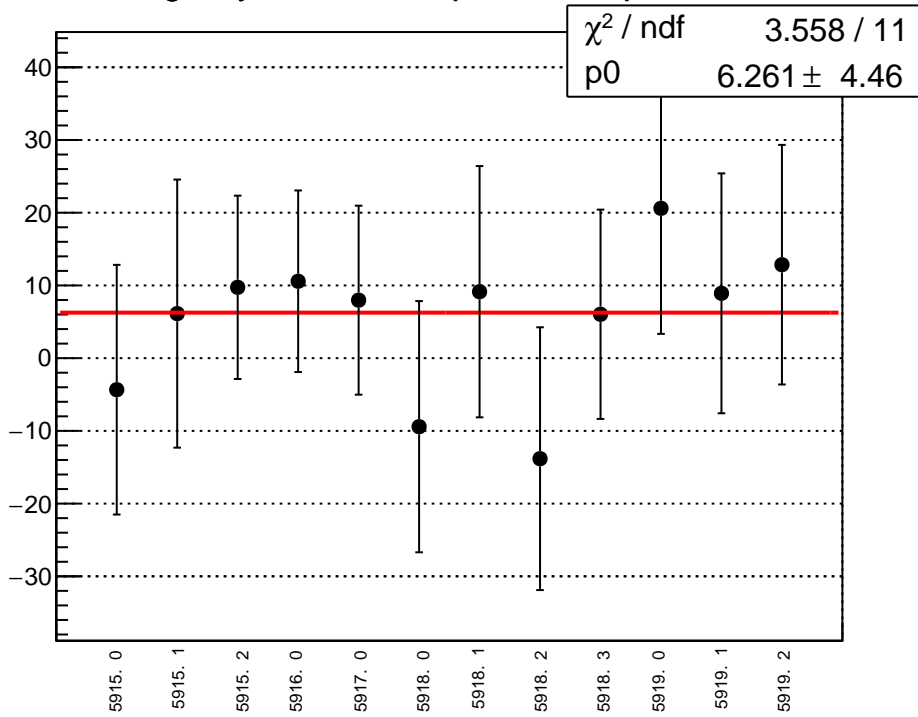
reg\_asym\_usl\_diff\_bpm12X\_slope vs run



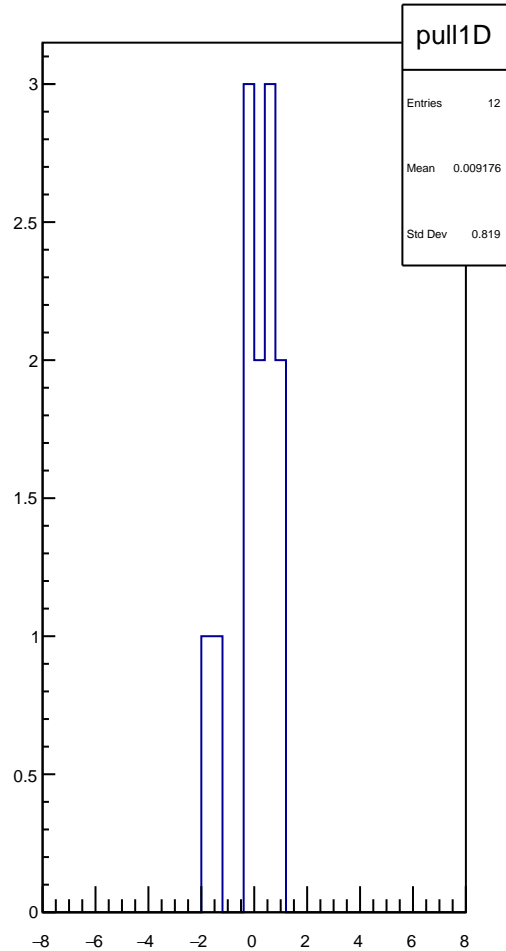
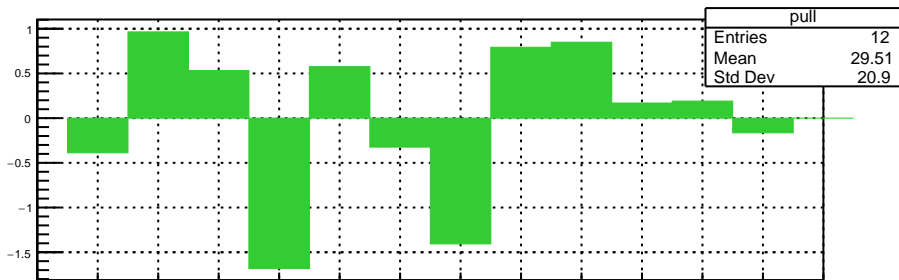
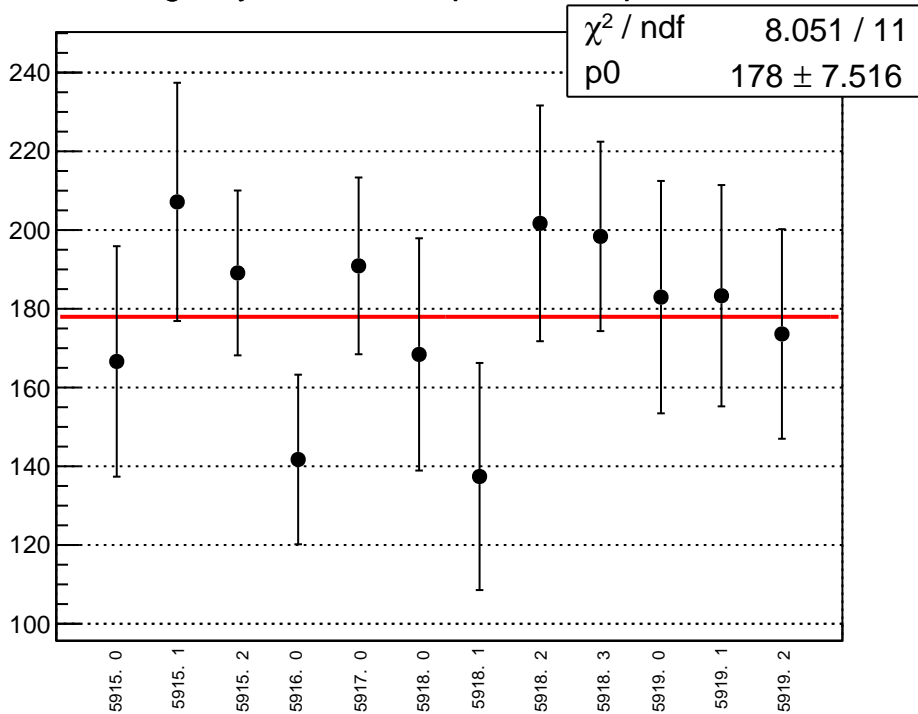
# reg\_asym\_usr\_diff\_bpm4aX\_slope vs run



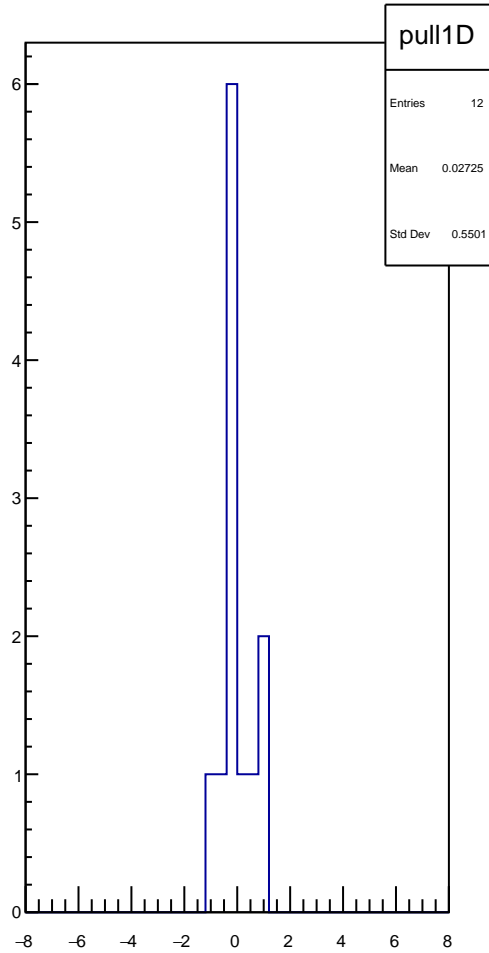
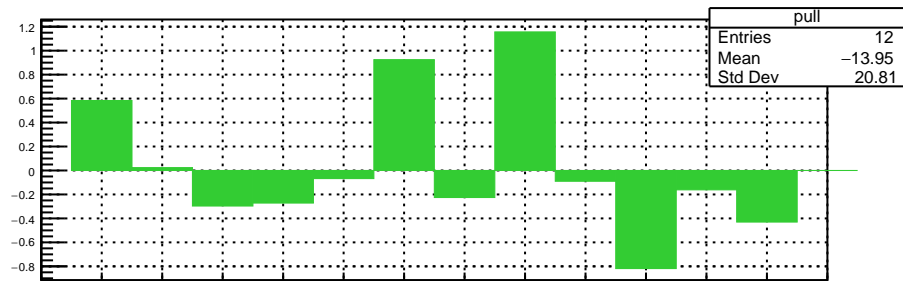
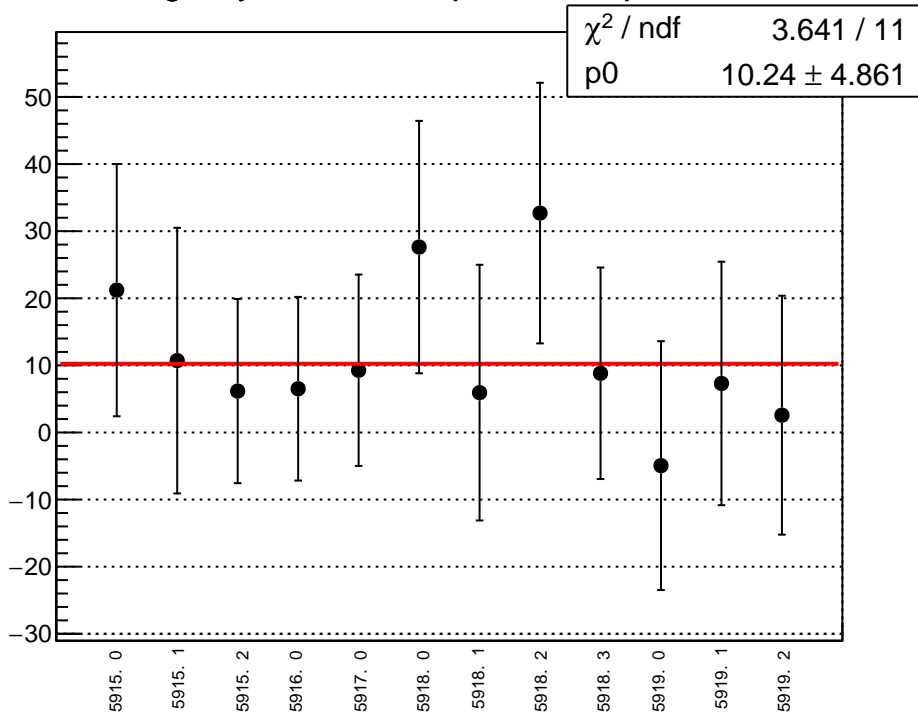
# reg\_asym\_usr\_diff\_bpm4aY\_slope vs run



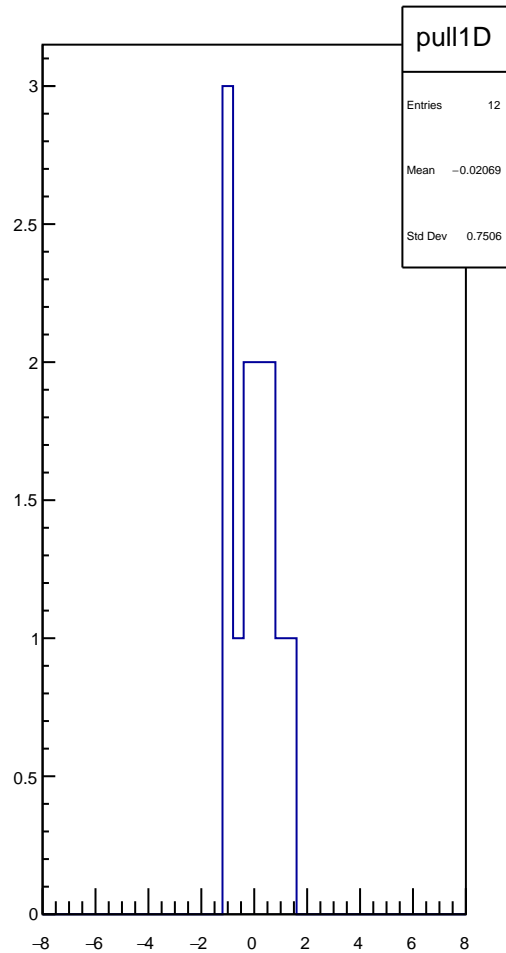
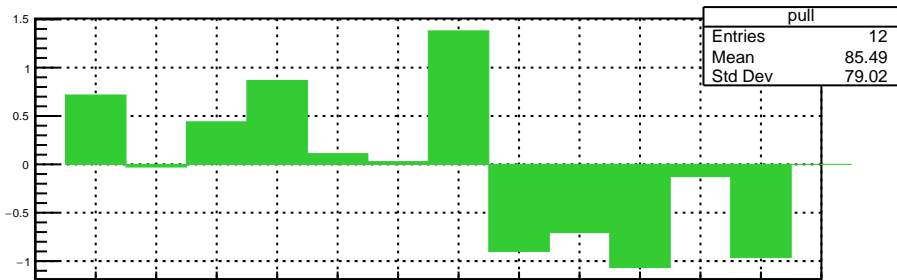
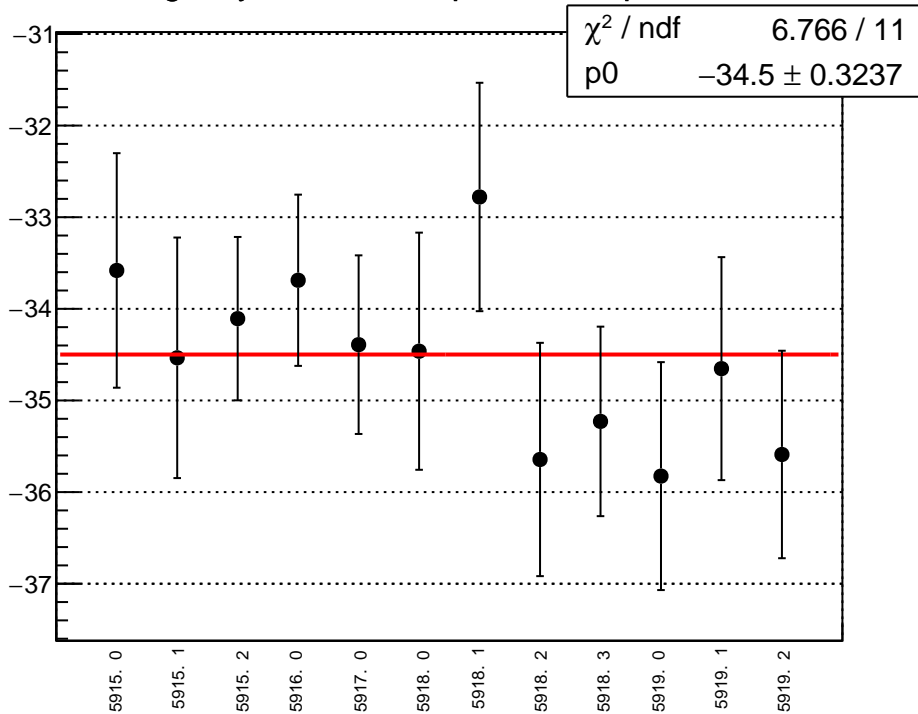
# reg\_asym\_usr\_diff\_bpm4eX\_slope vs run



# reg\_asym\_usr\_diff\_bpm4eY\_slope vs run

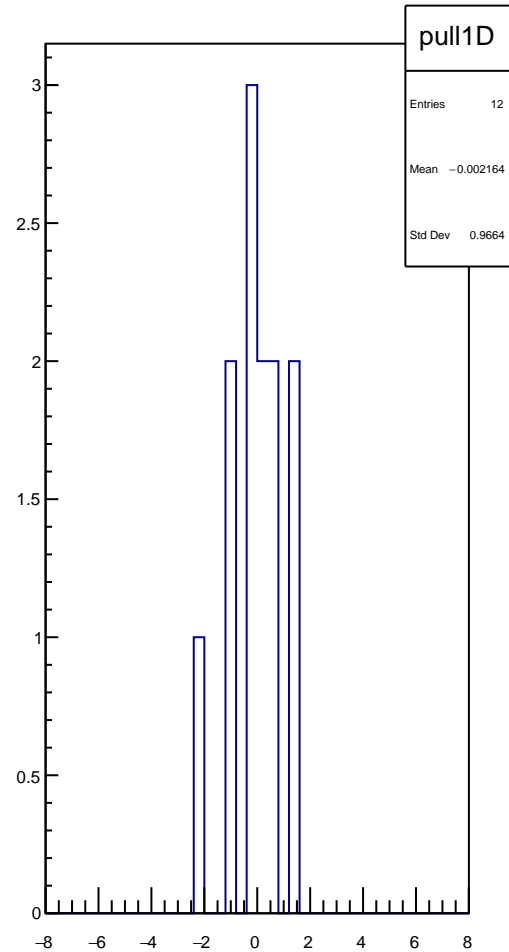
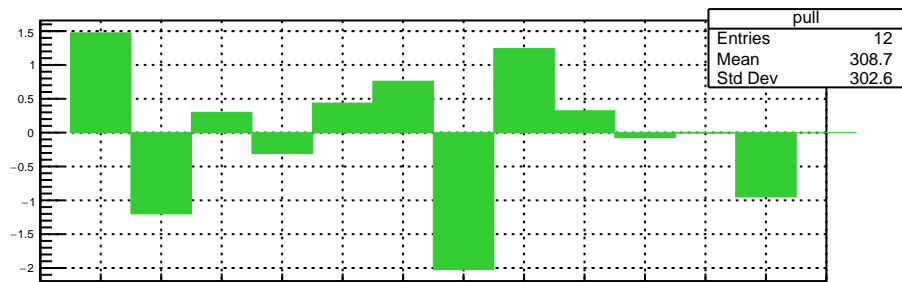
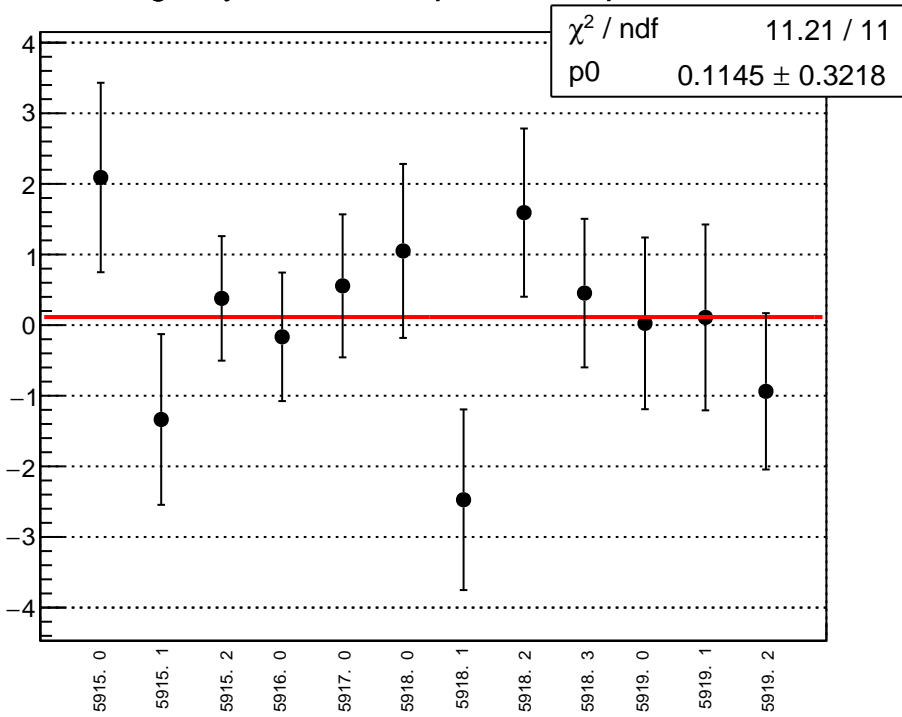


reg\_asym\_usr\_diff\_bpm12X\_slope vs run

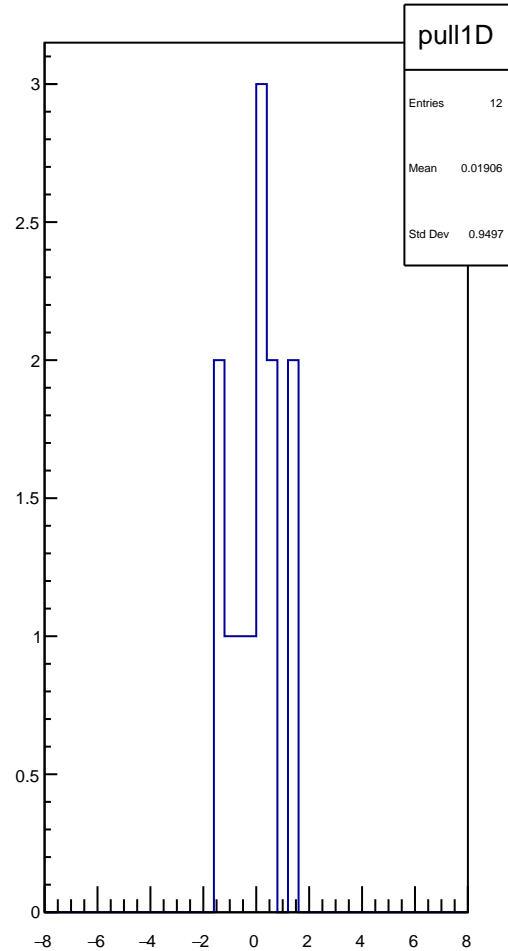
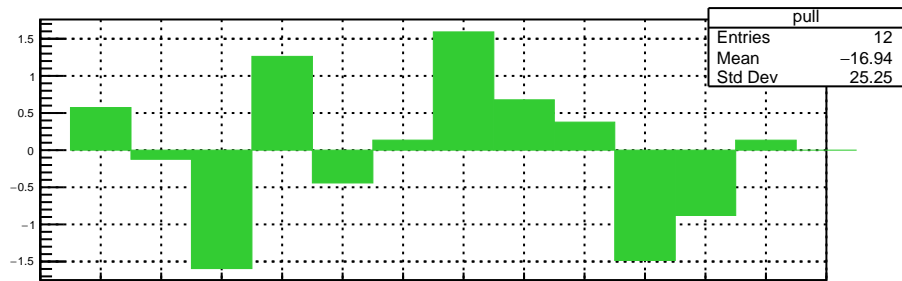
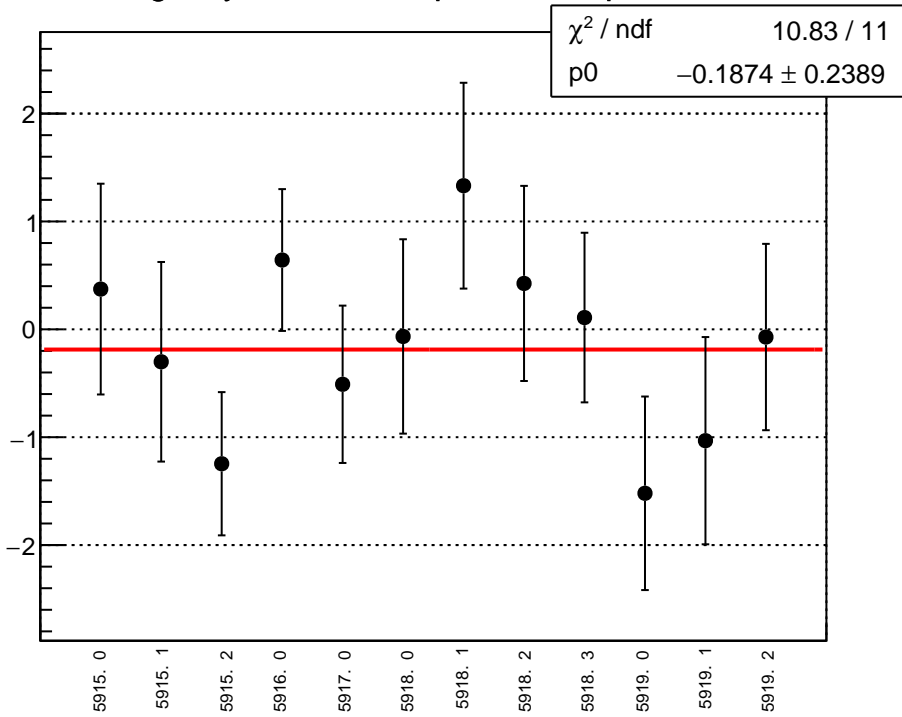




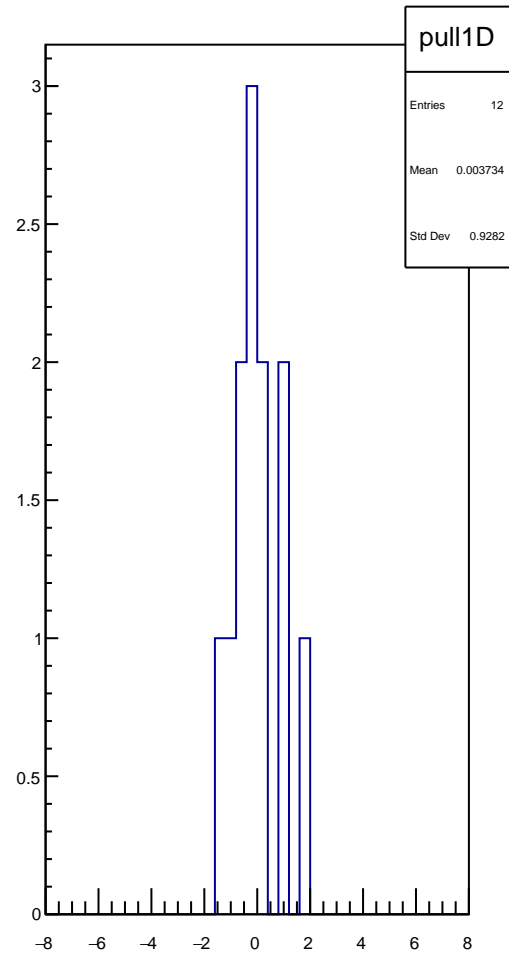
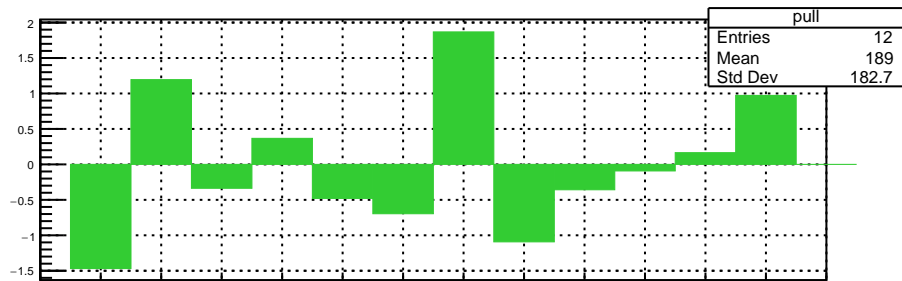
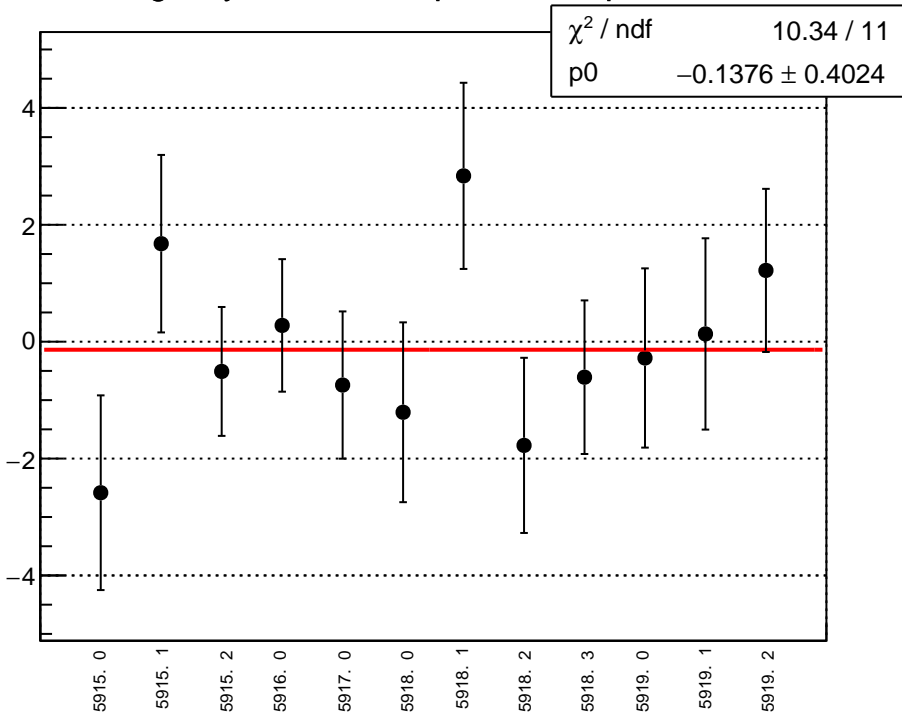
# reg\_asym\_dsl\_diff\_bpm4aX\_slope vs run



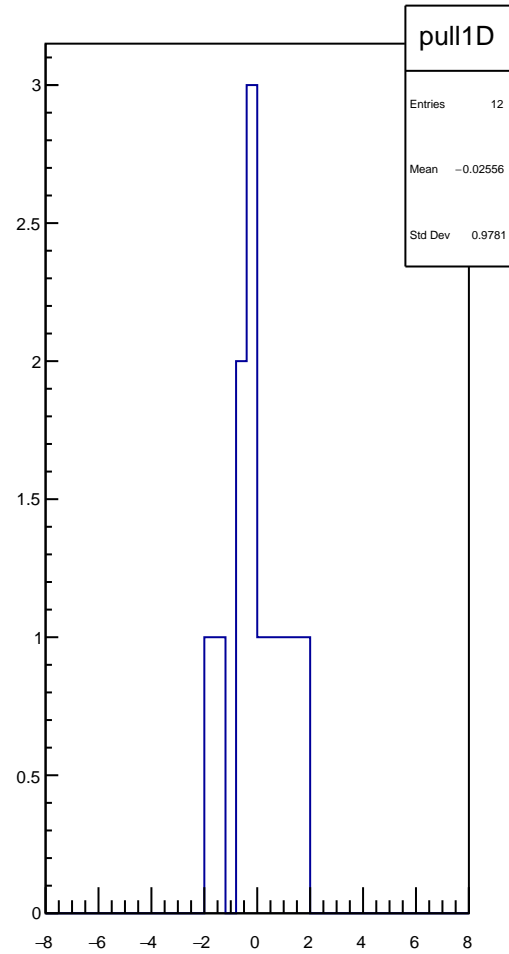
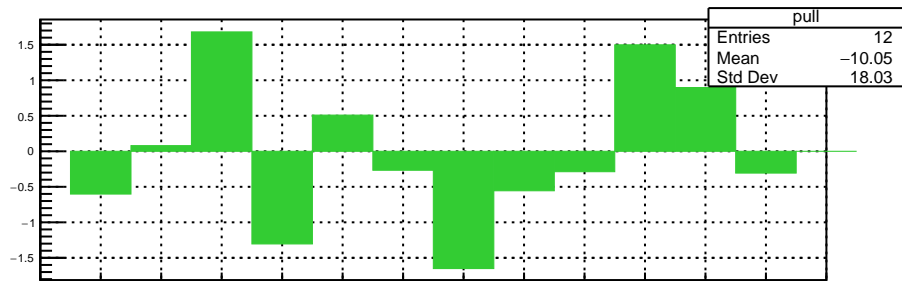
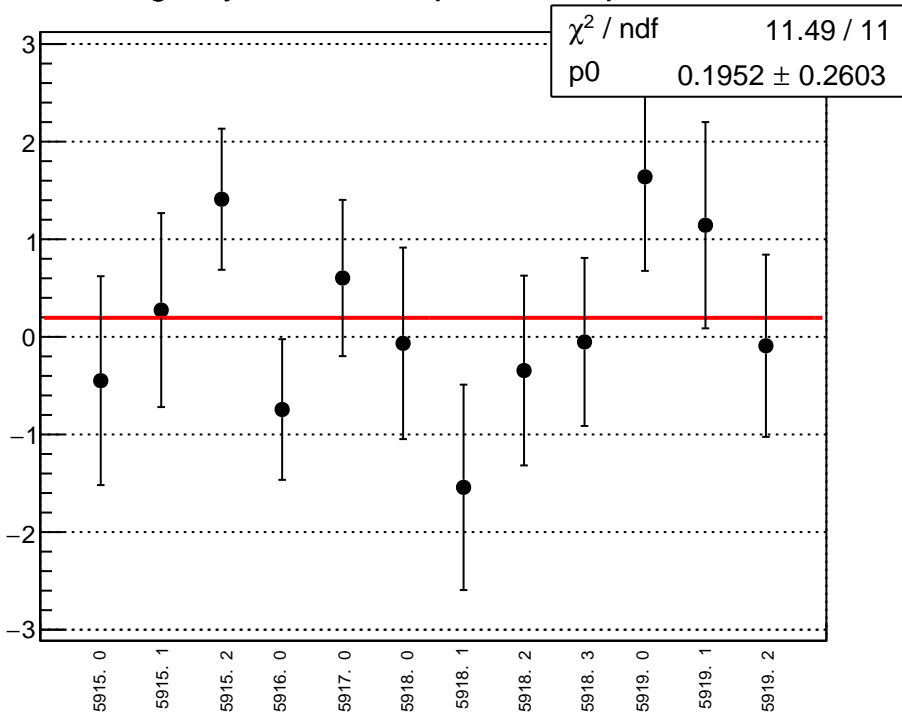
# reg\_asym\_dsl\_diff\_bpm4aY\_slope vs run



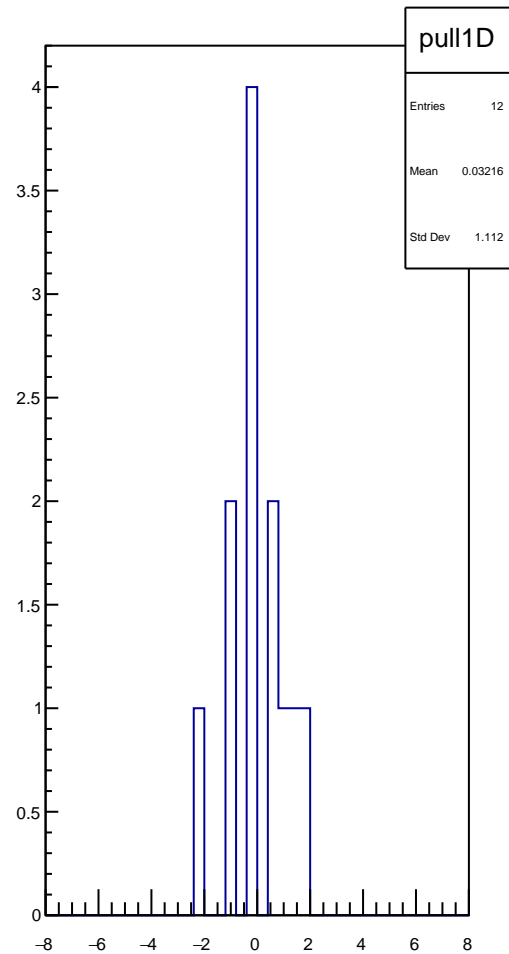
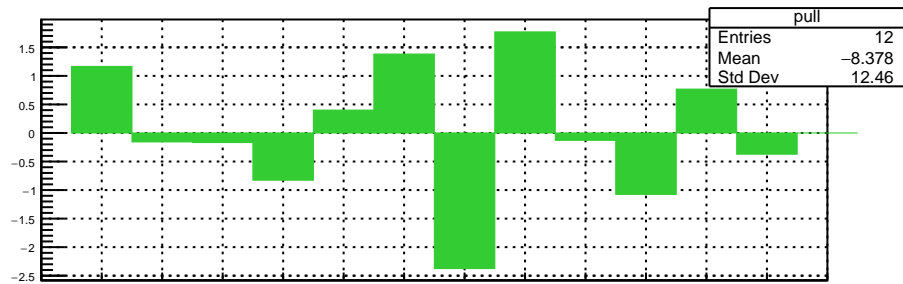
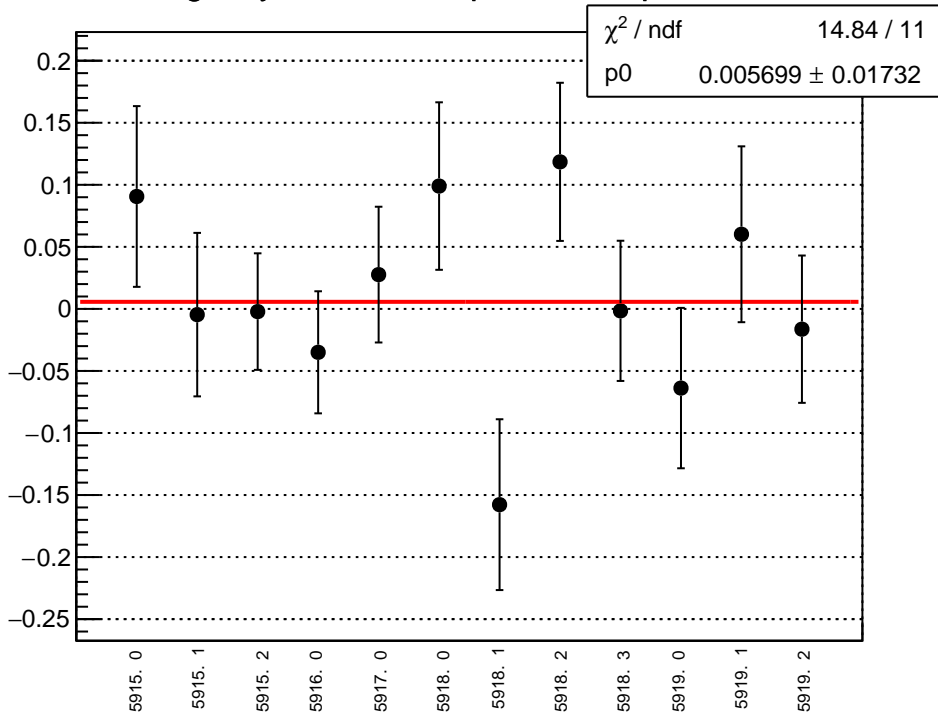
# reg\_asym\_dsl\_diff\_bpm4eX\_slope vs run



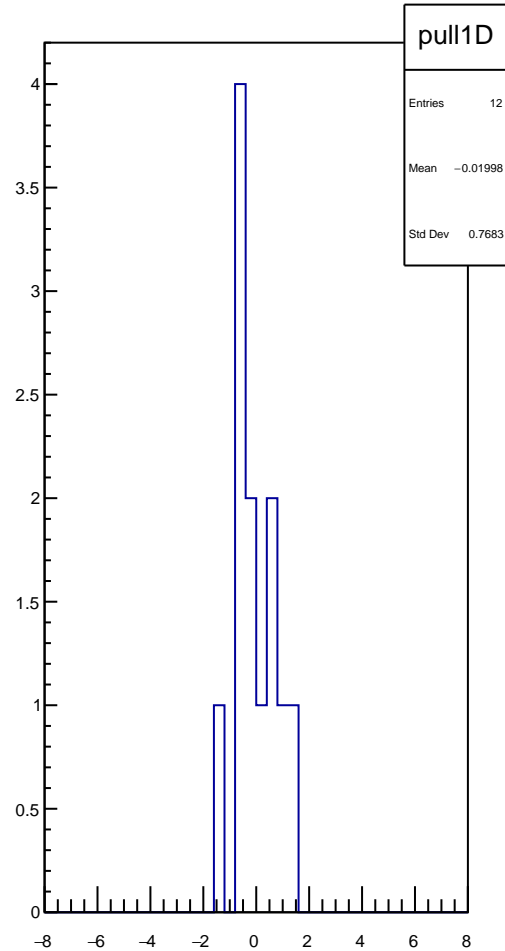
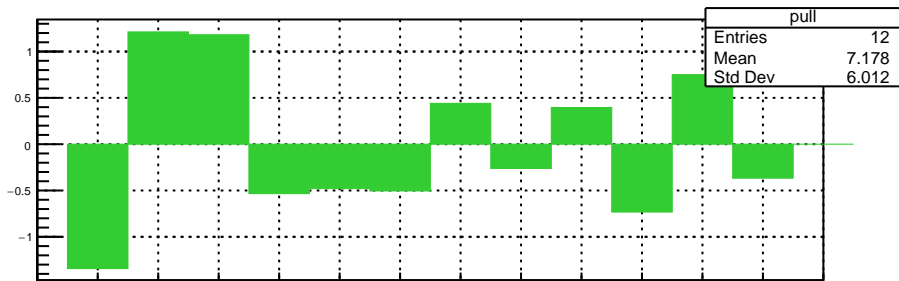
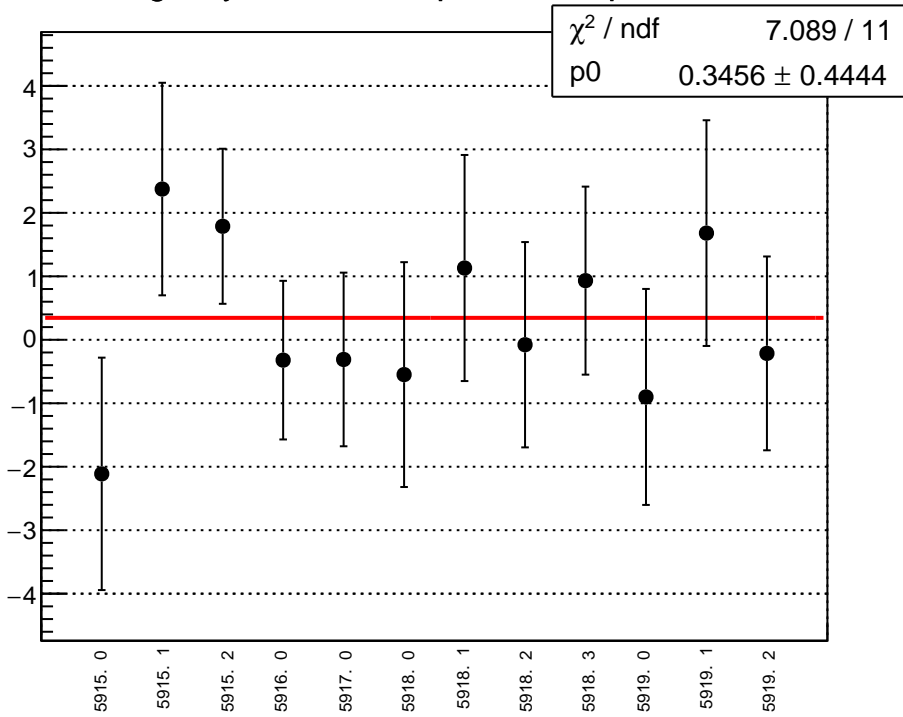
# reg\_asym\_dsl\_diff\_bpm4eY\_slope vs run



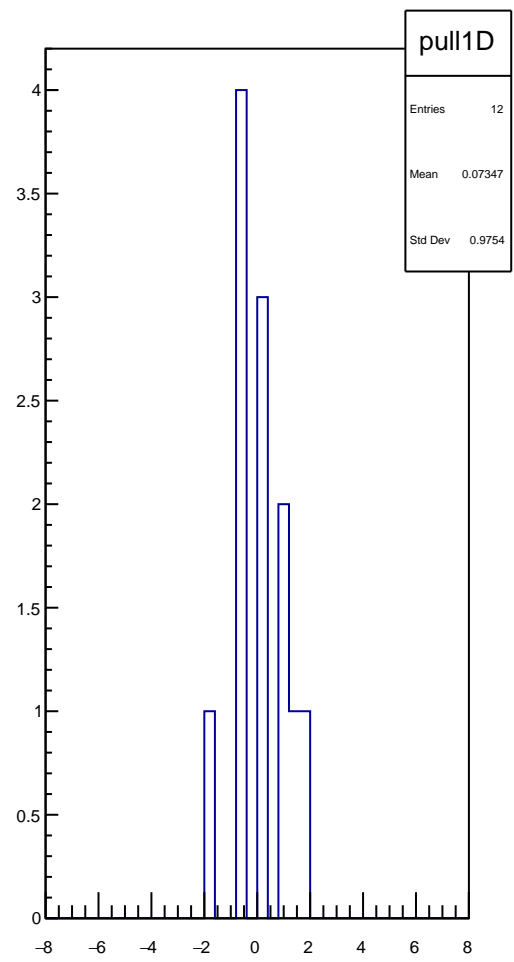
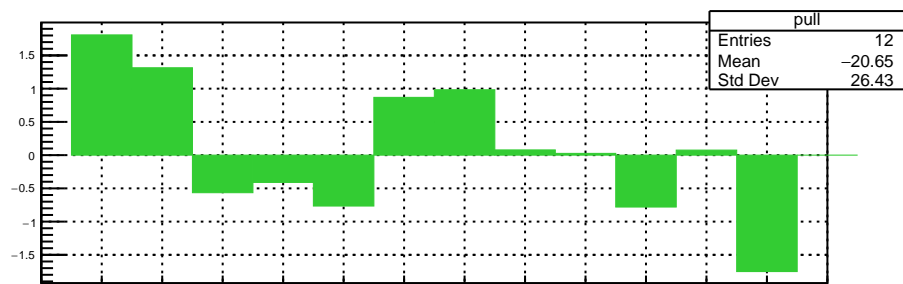
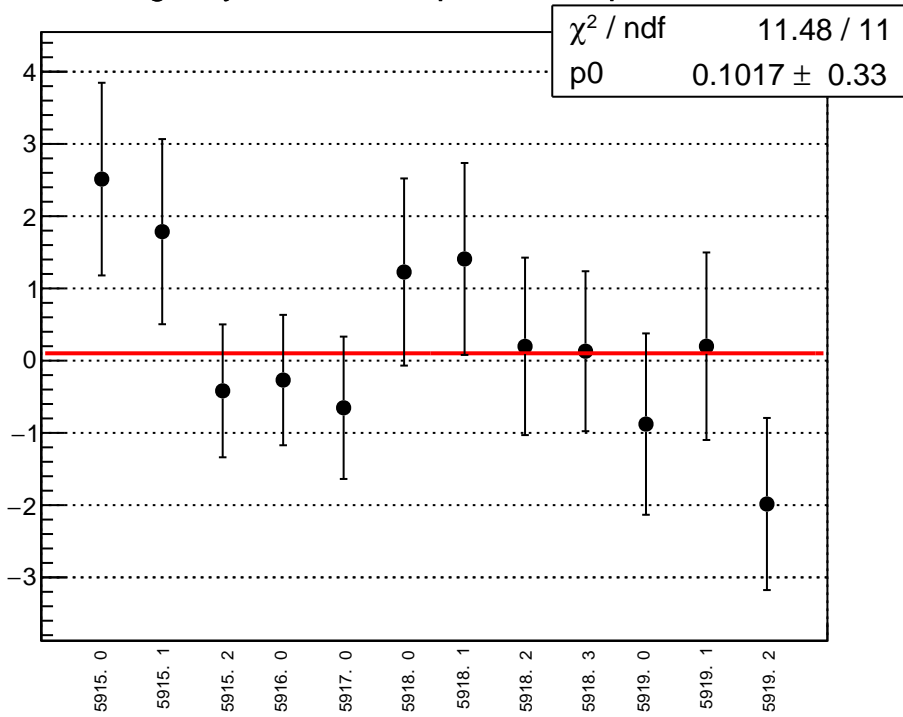
# reg\_asym\_dsl\_diff\_bpm12X\_slope vs run



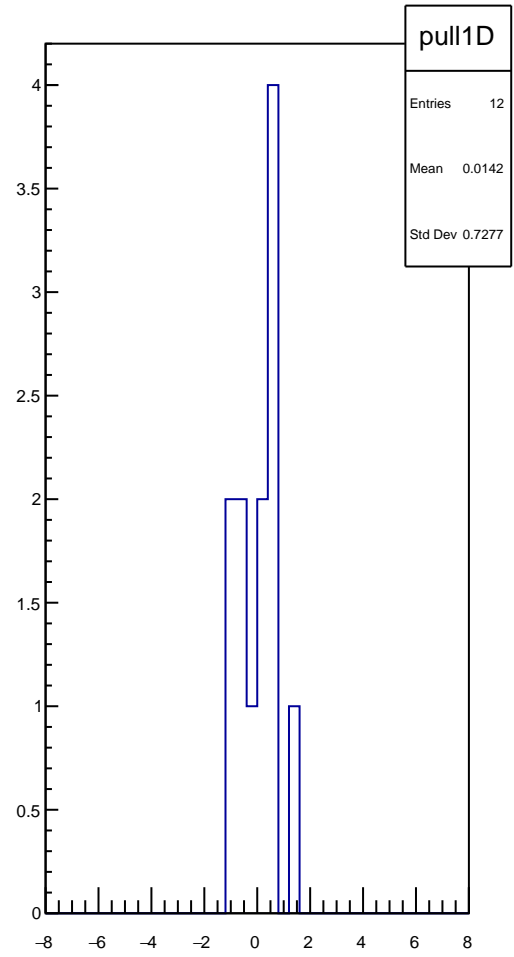
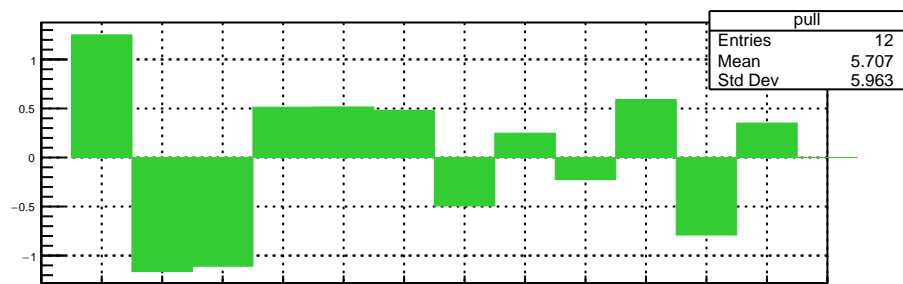
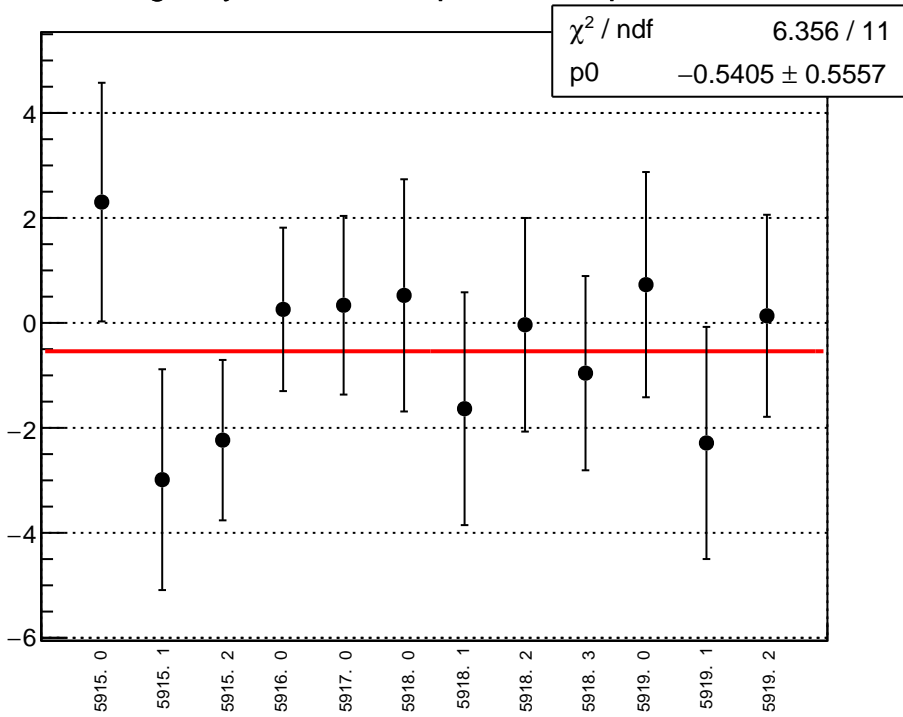
# reg\_asym\_dsr\_diff\_bpm4aX\_slope vs run



reg\_asym\_dsr\_diff\_bpm4aY\_slope vs run

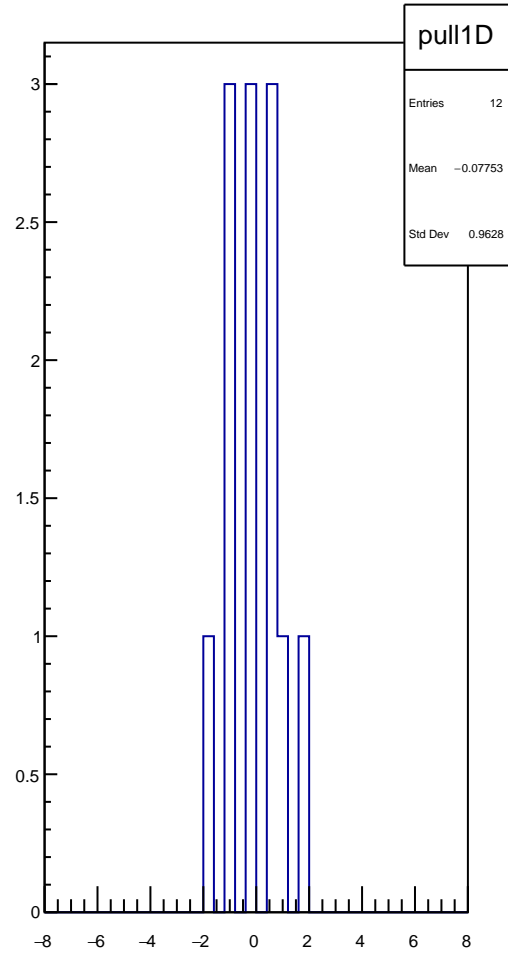
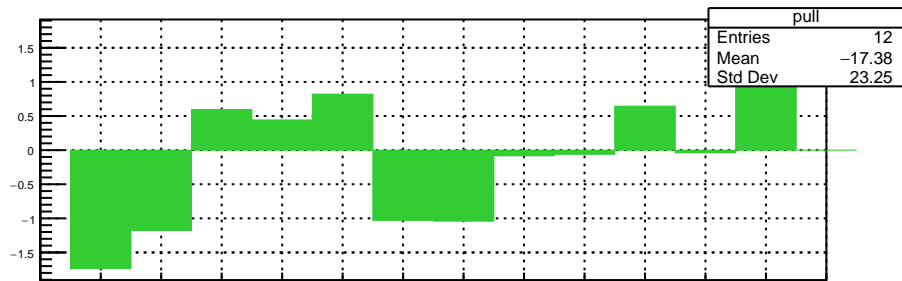
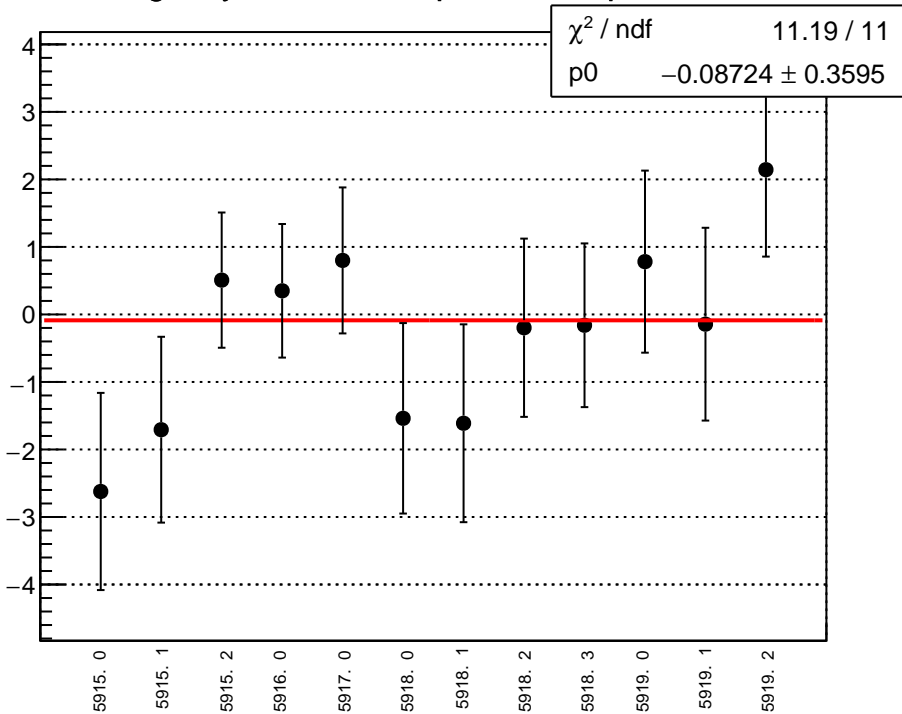


# reg\_asym\_dsr\_diff\_bpm4eX\_slope vs run

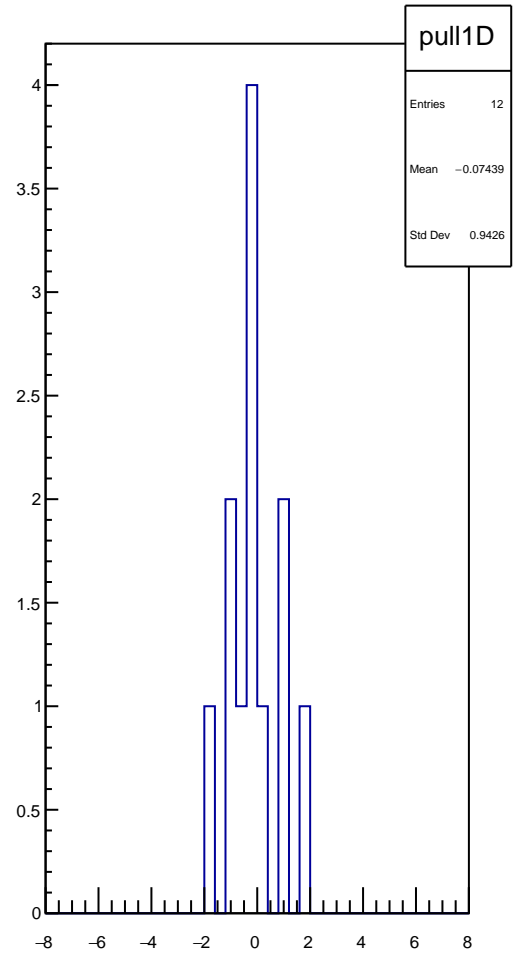
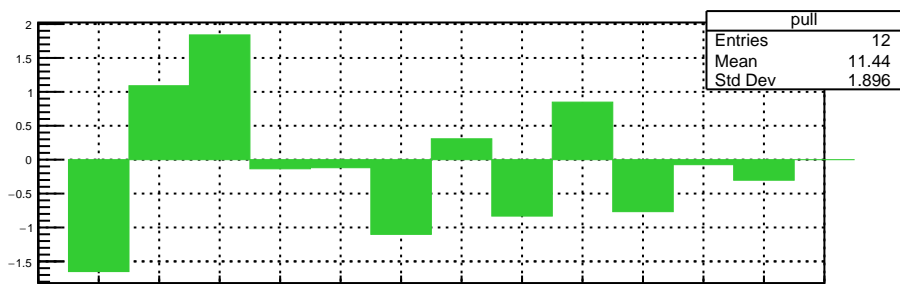
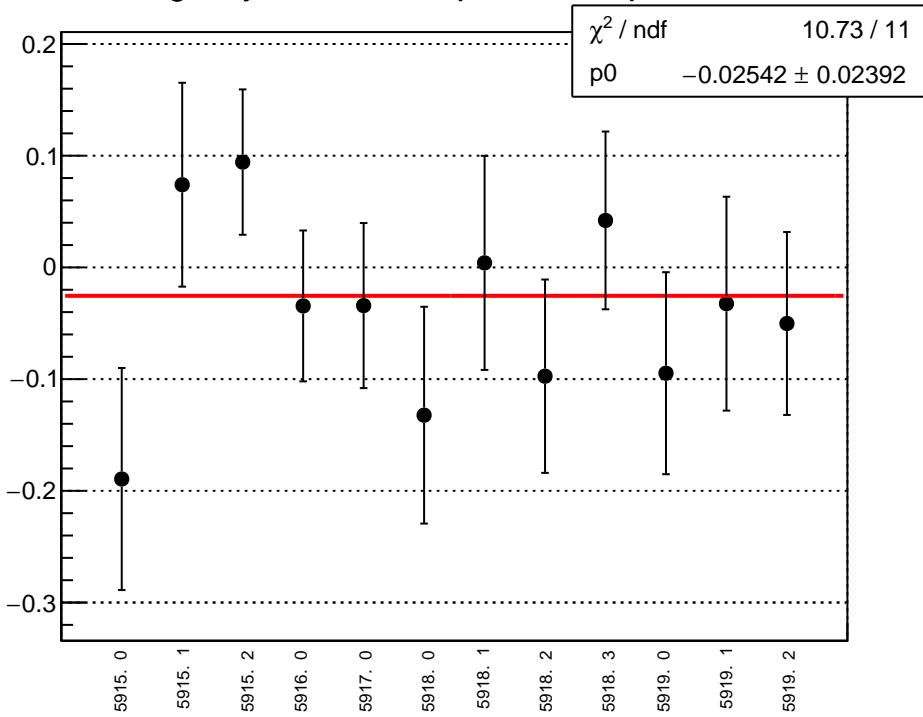




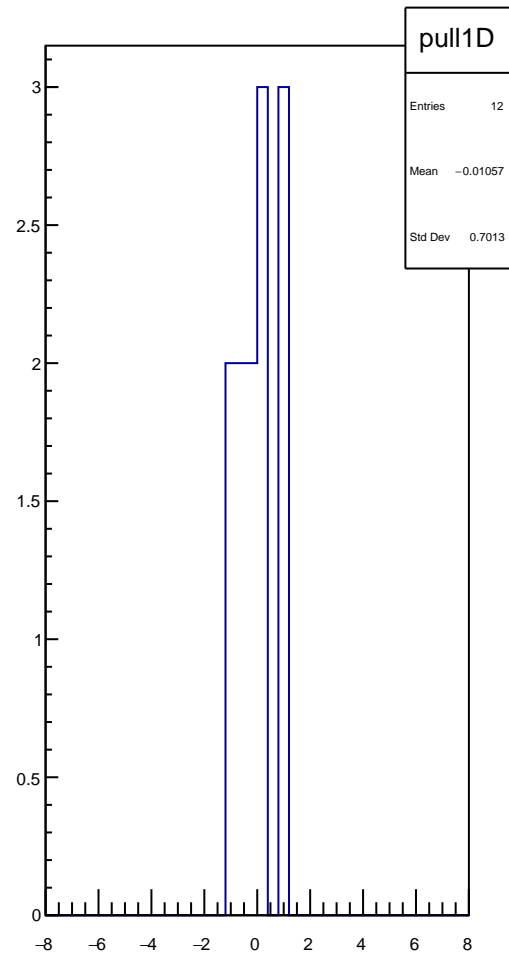
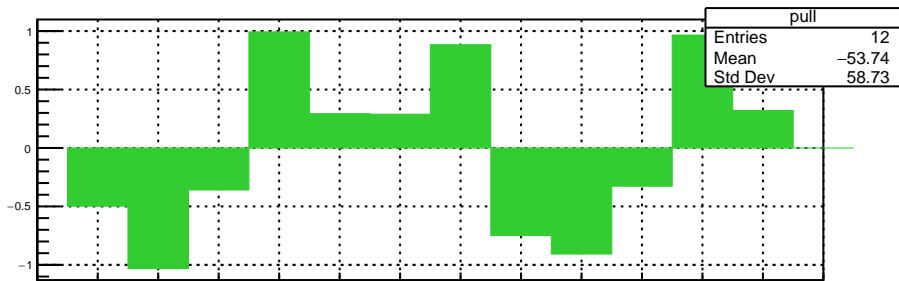
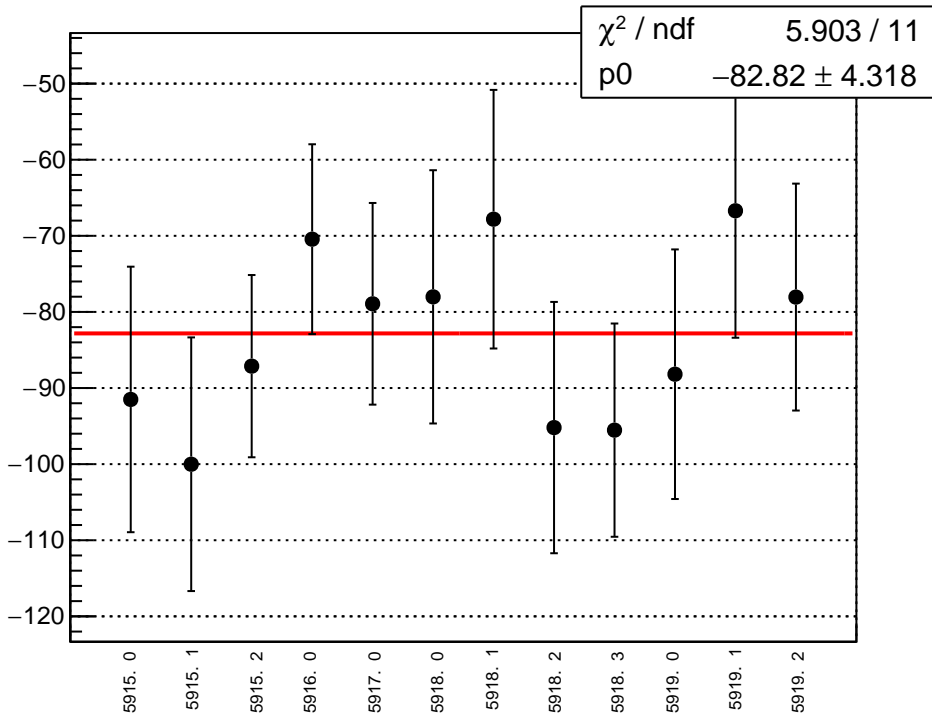
# reg\_asym\_dsr\_diff\_bpm4eY\_slope vs run



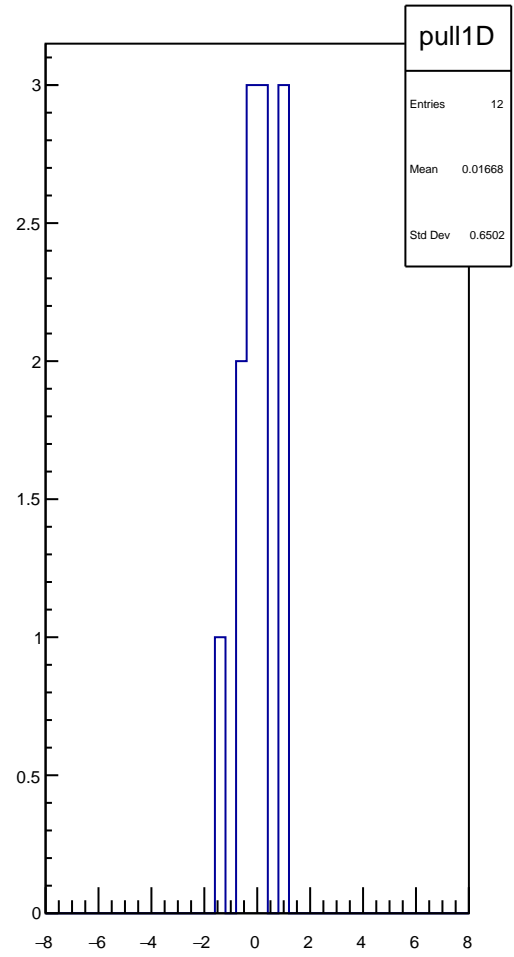
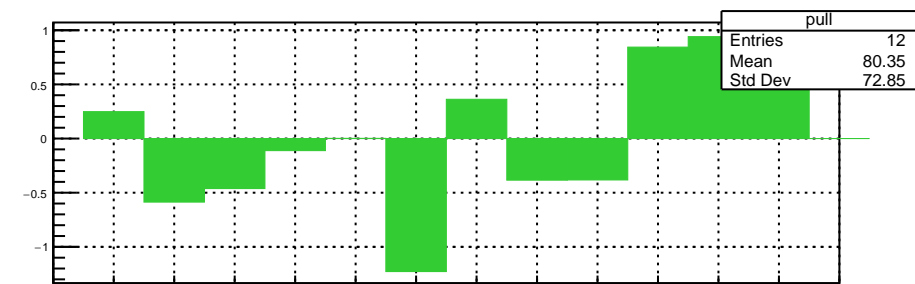
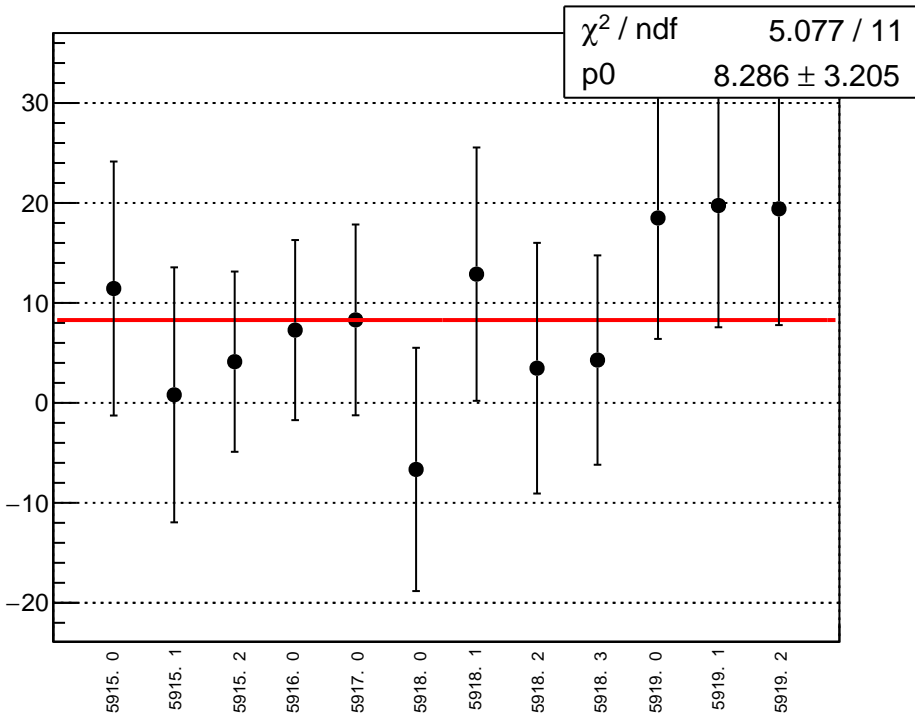
# reg\_asym\_dsr\_diff\_bpm12X\_slope vs run



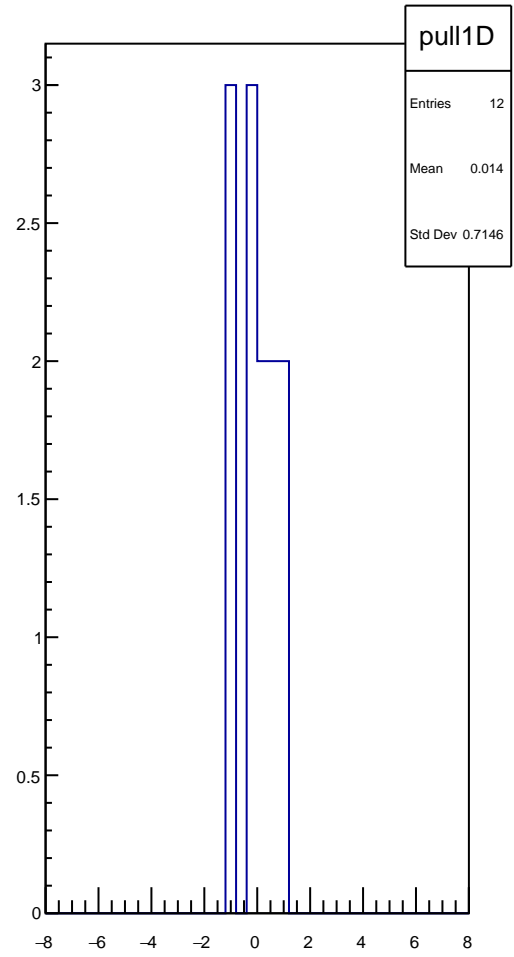
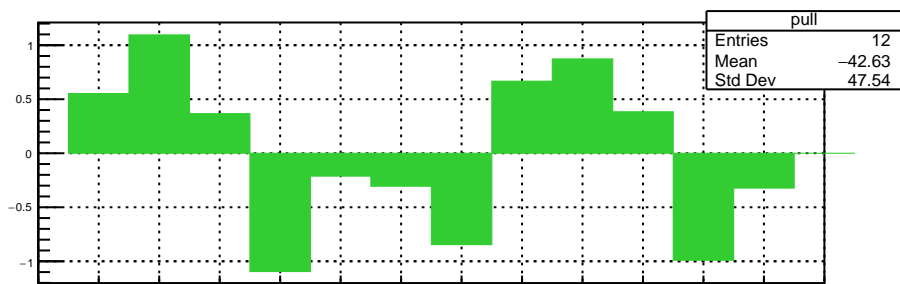
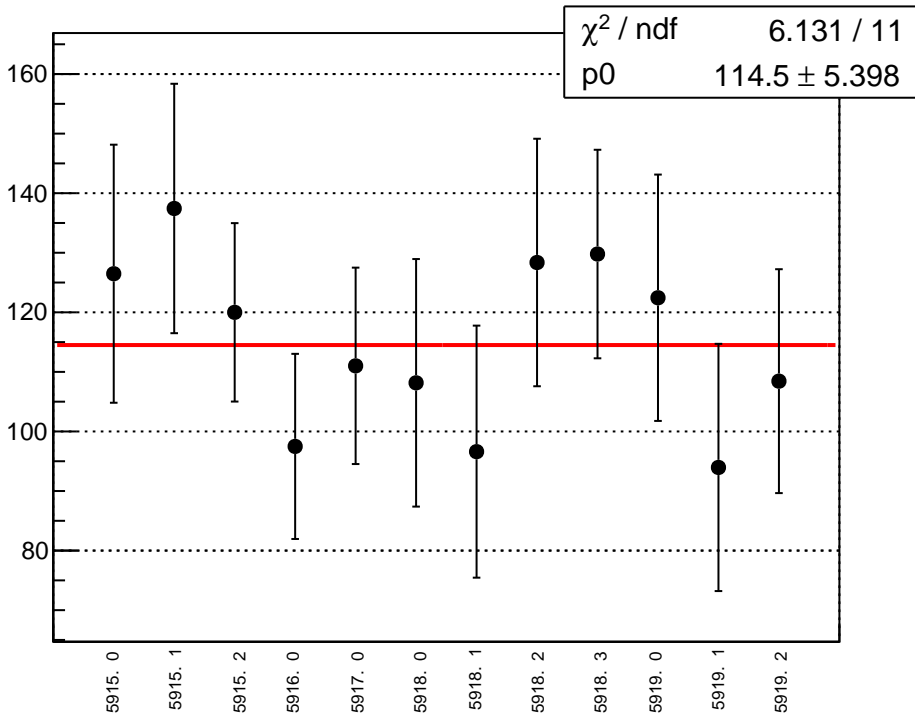
reg\_asym\_us\_avg\_diff\_bpm4aX\_slope vs run



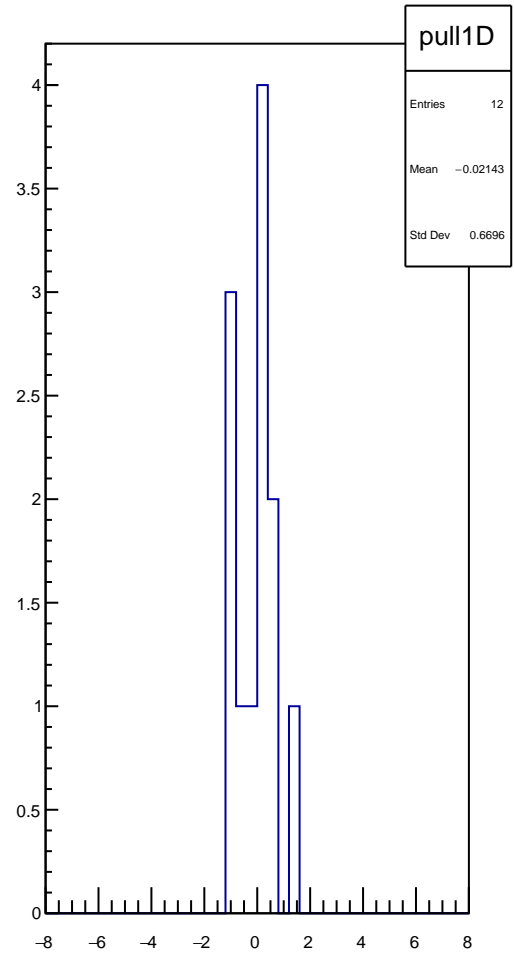
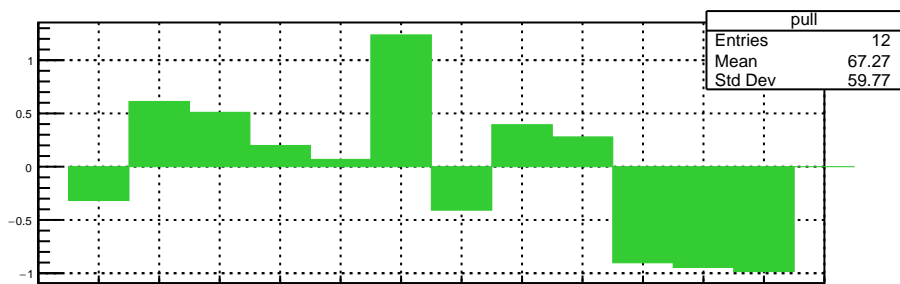
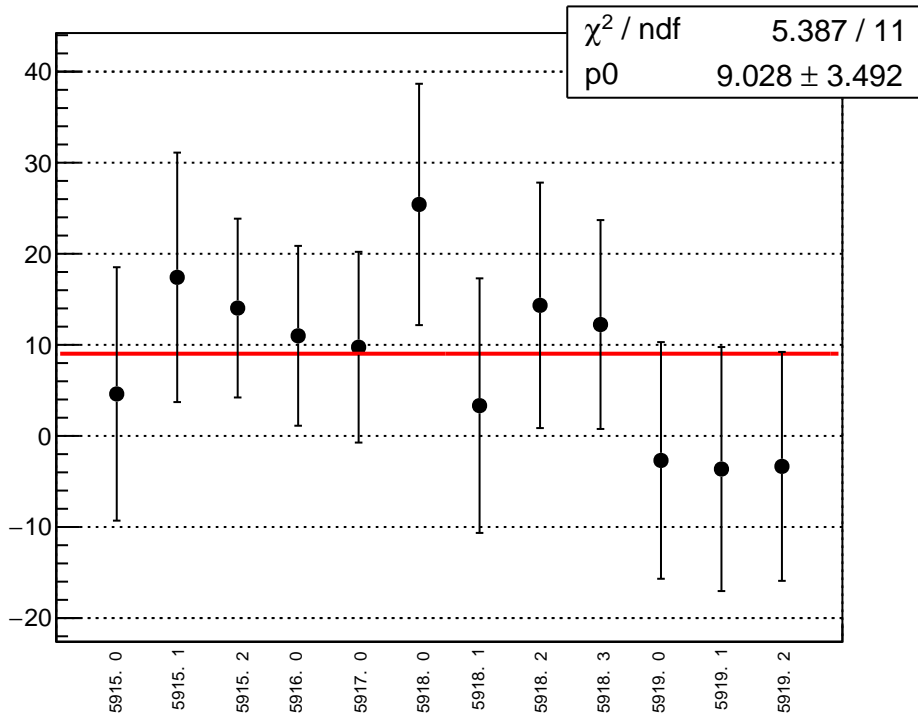
# reg\_asym\_us\_avg\_diff\_bpm4aY\_slope vs run



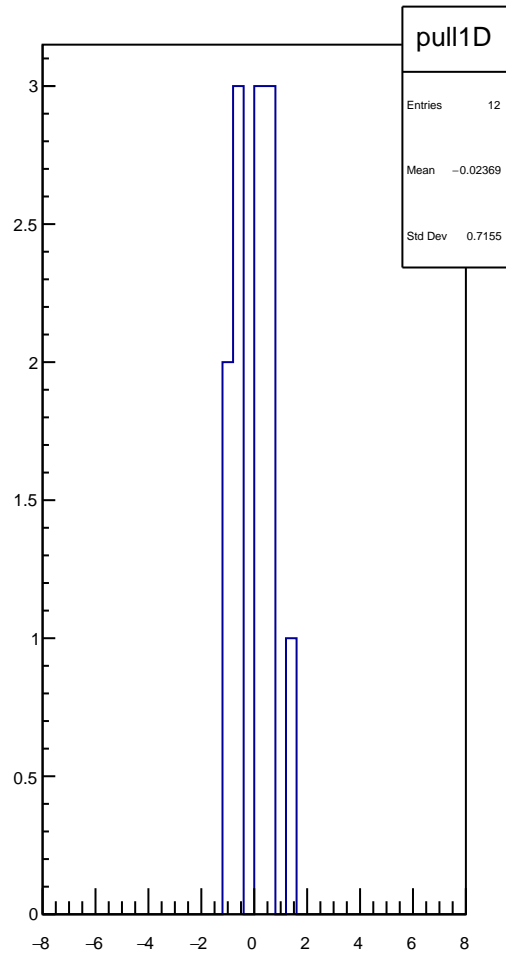
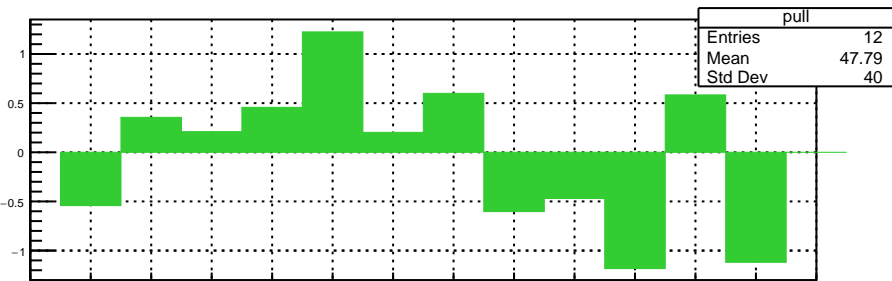
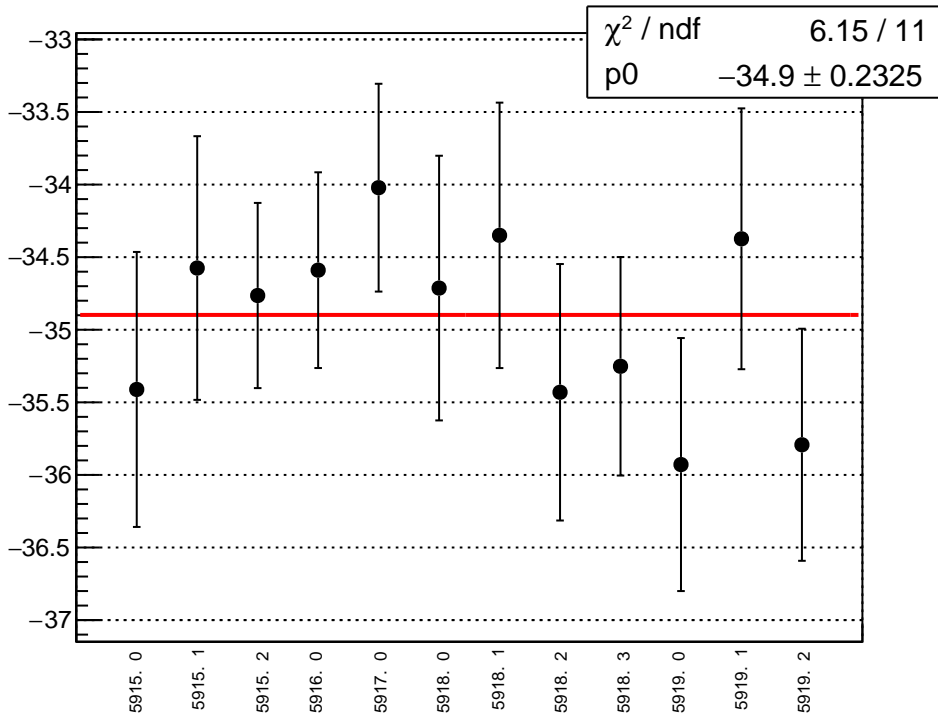
reg\_asym\_us\_avg\_diff\_bpm4eX\_slope vs run



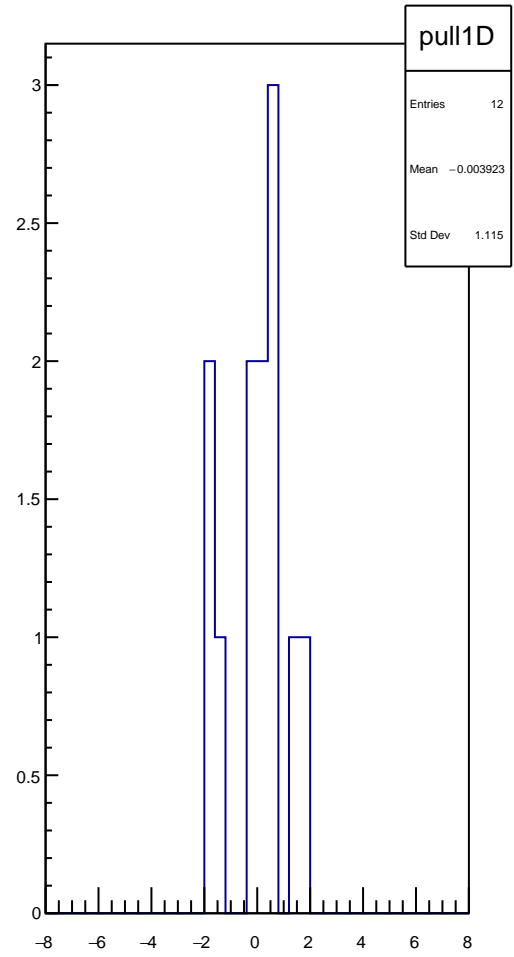
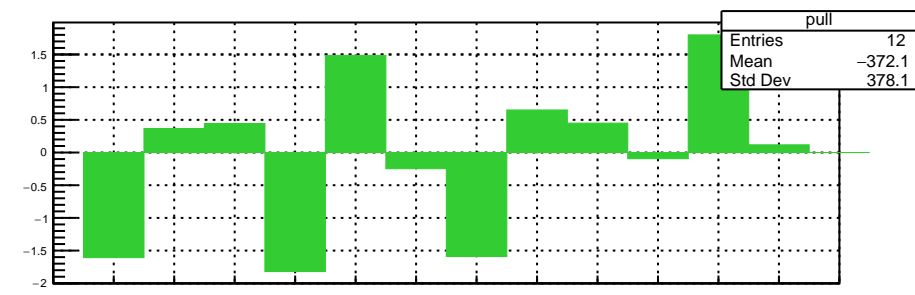
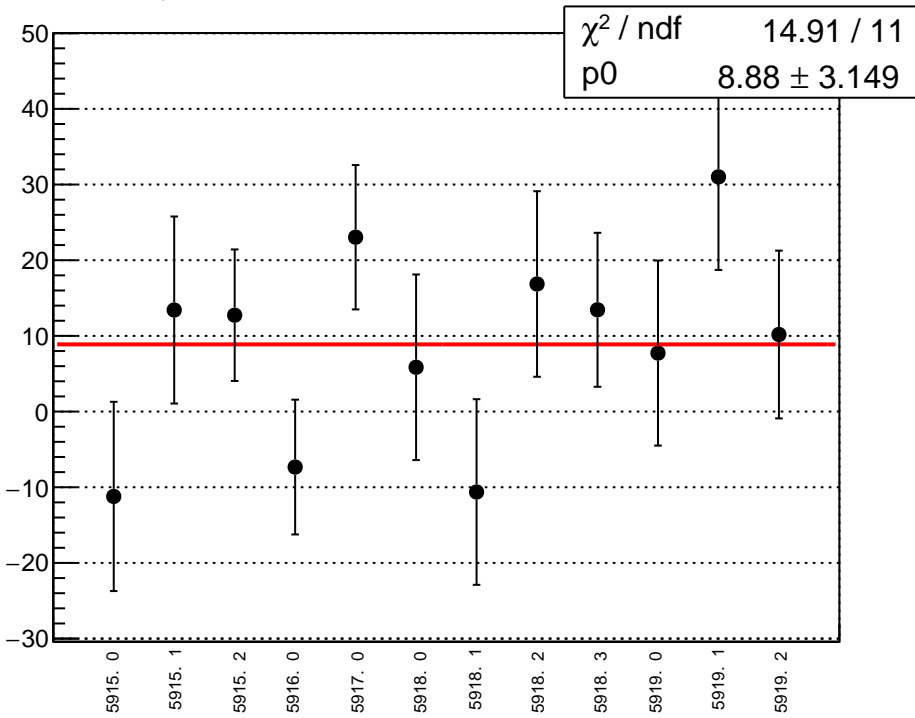
reg\_asym\_us\_avg\_diff\_bpm4eY\_slope vs run



reg\_asym\_us\_avg\_diff\_bpm12X\_slope vs run

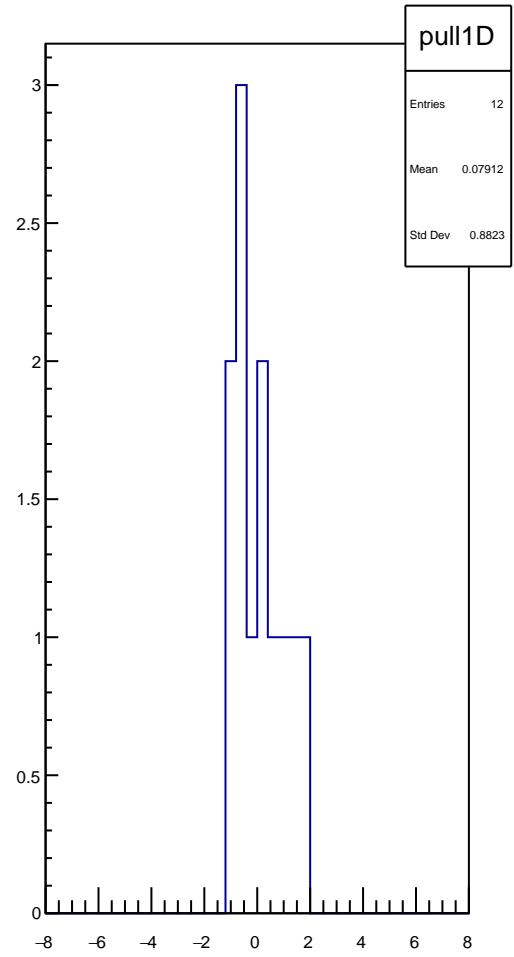
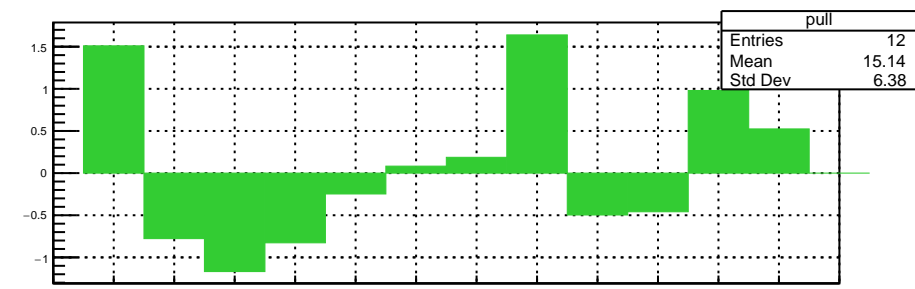
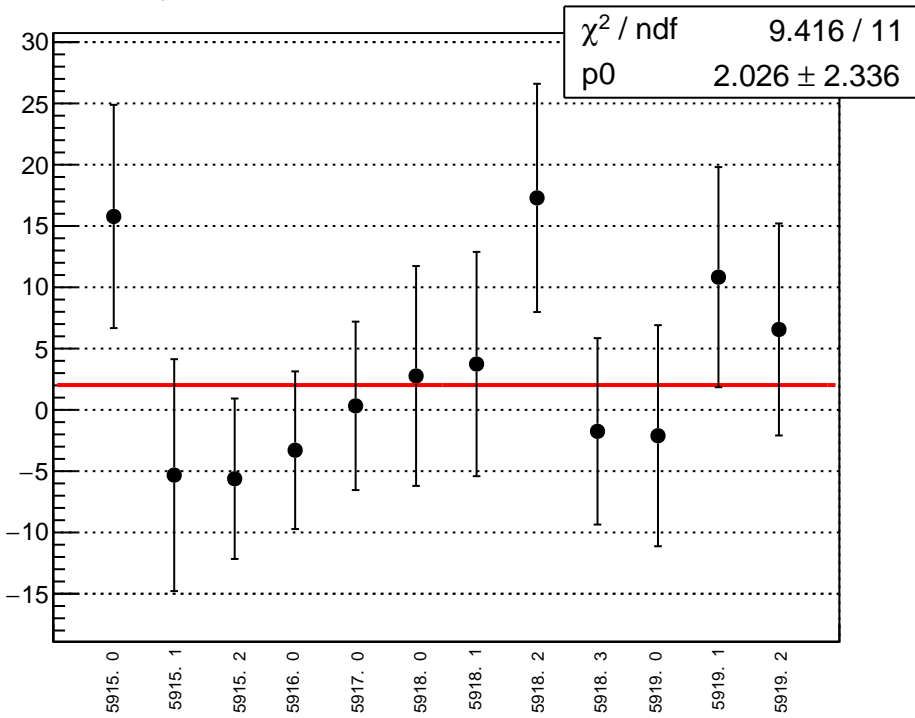


# reg\_asym\_us\_dd\_diff\_bpm4aX\_slope vs run

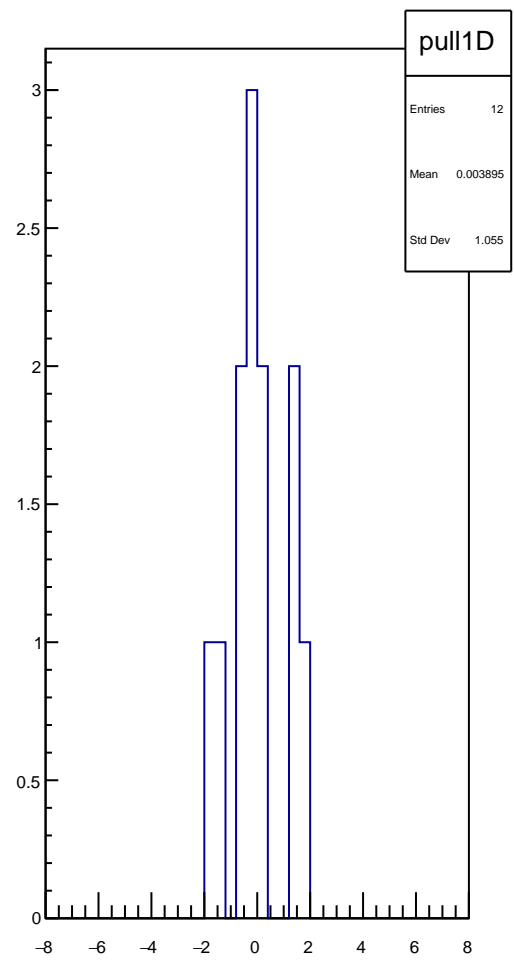
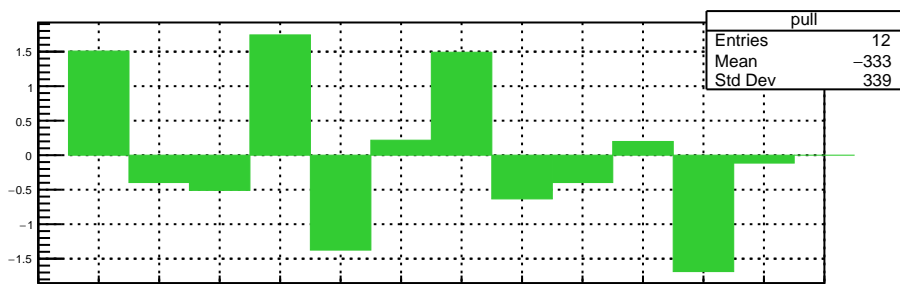
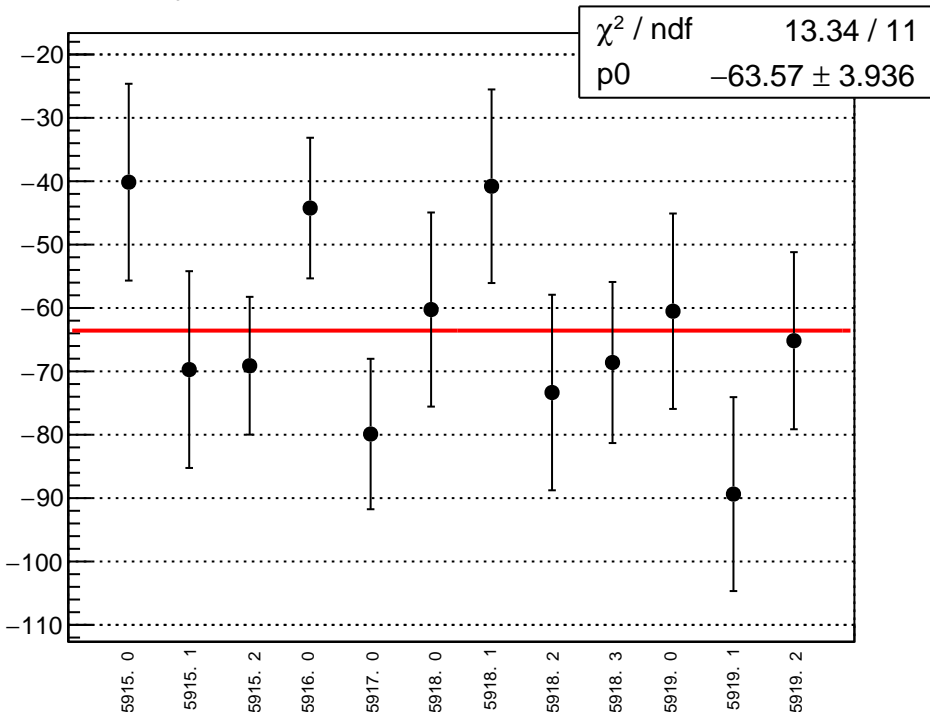




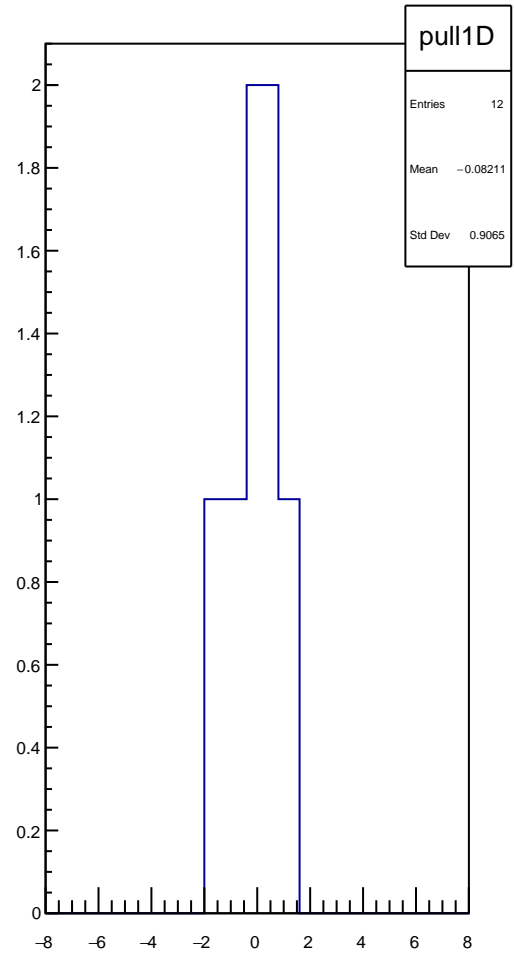
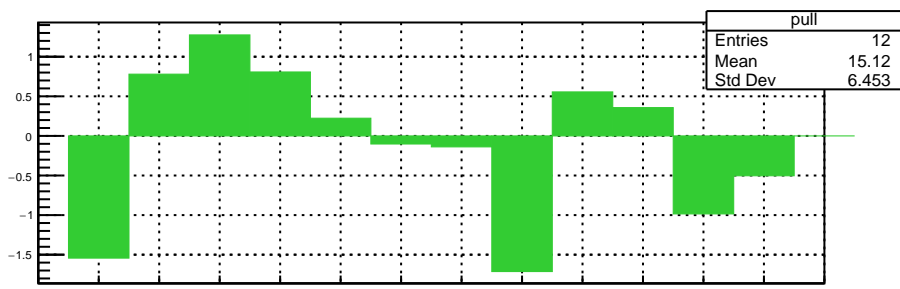
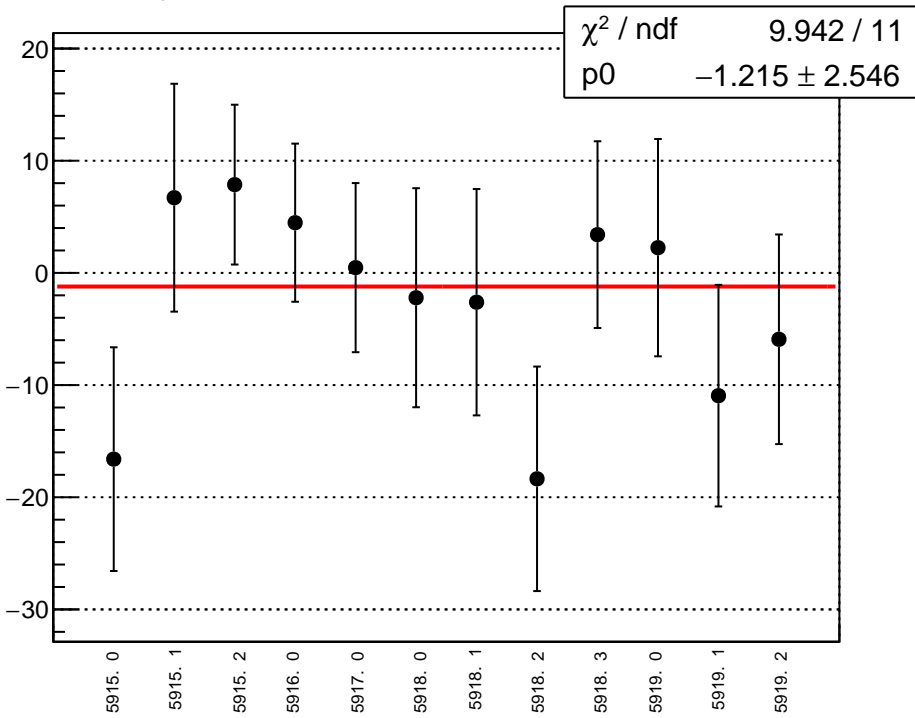
# reg\_asym\_us\_dd\_diff\_bpm4aY\_slope vs run



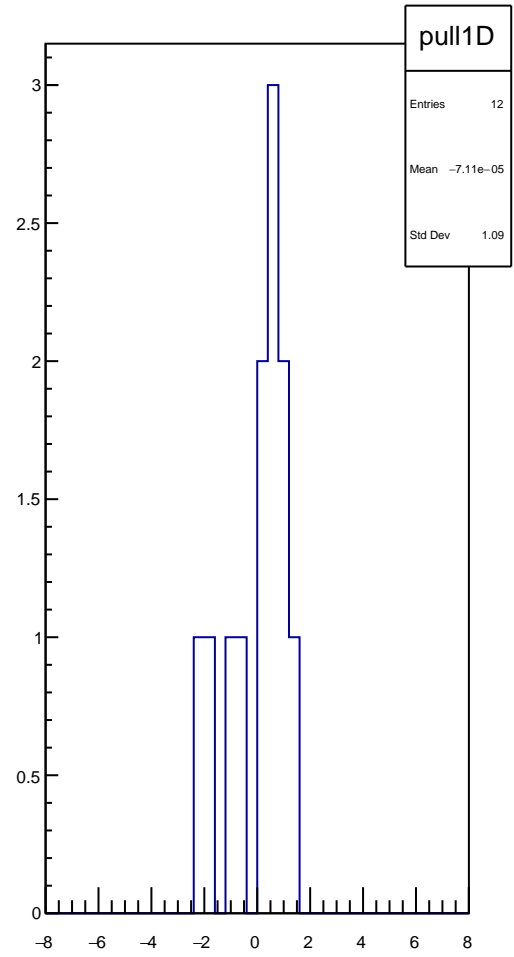
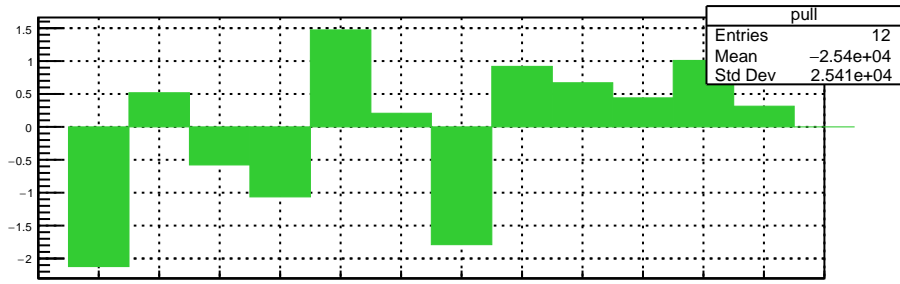
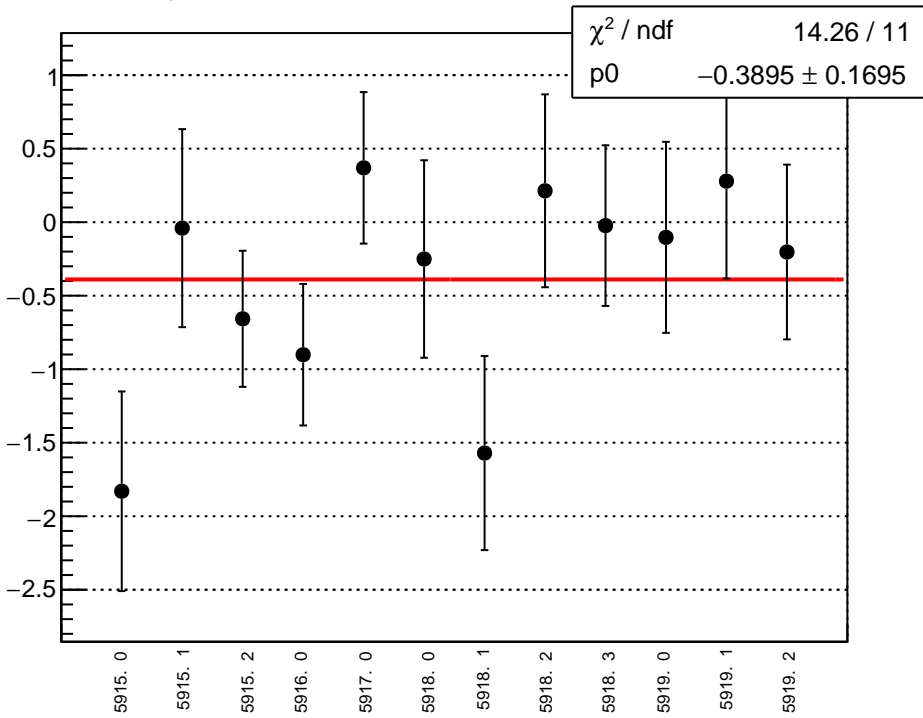
# reg\_asym\_us\_dd\_diff\_bpm4eX\_slope vs run



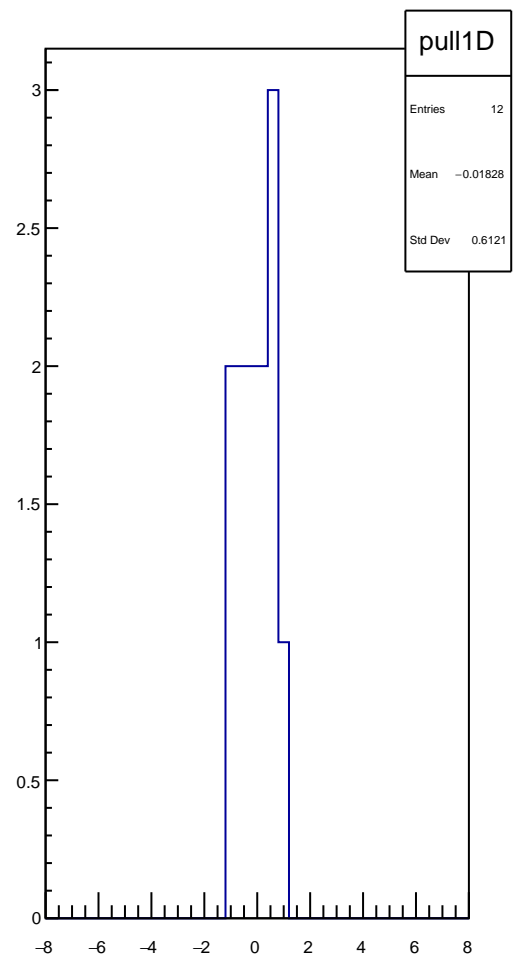
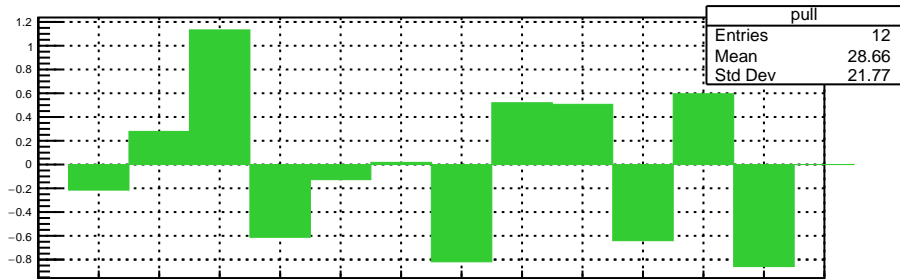
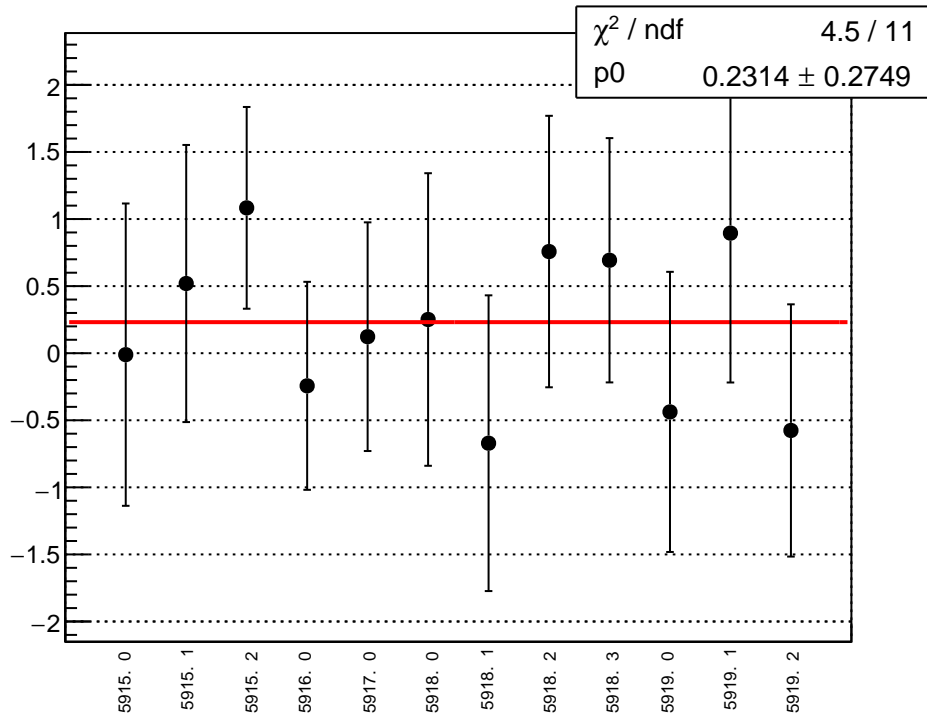
# reg\_asym\_us\_dd\_diff\_bpm4eY\_slope vs run



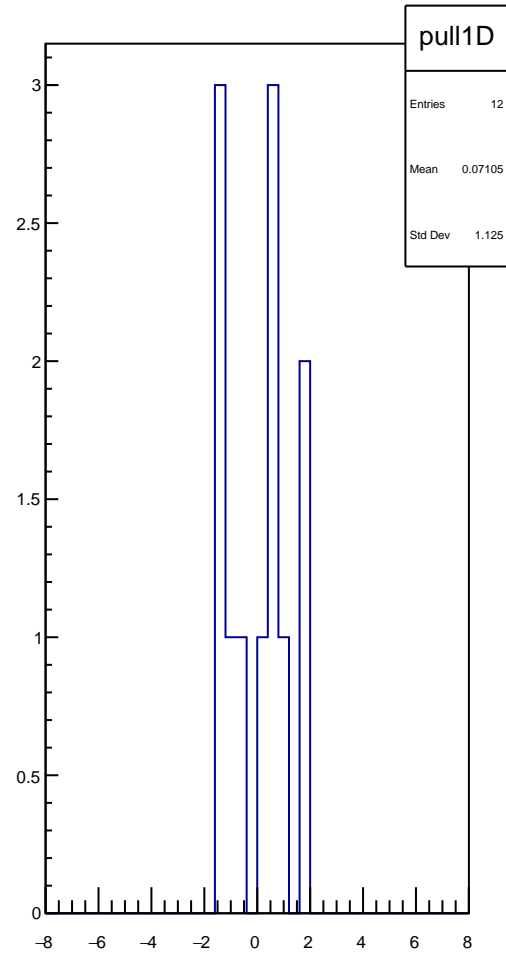
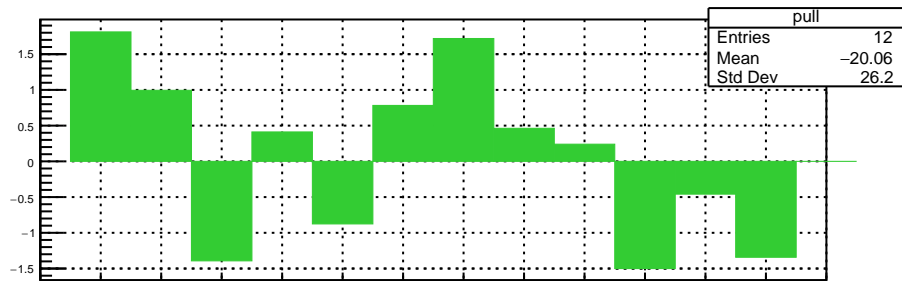
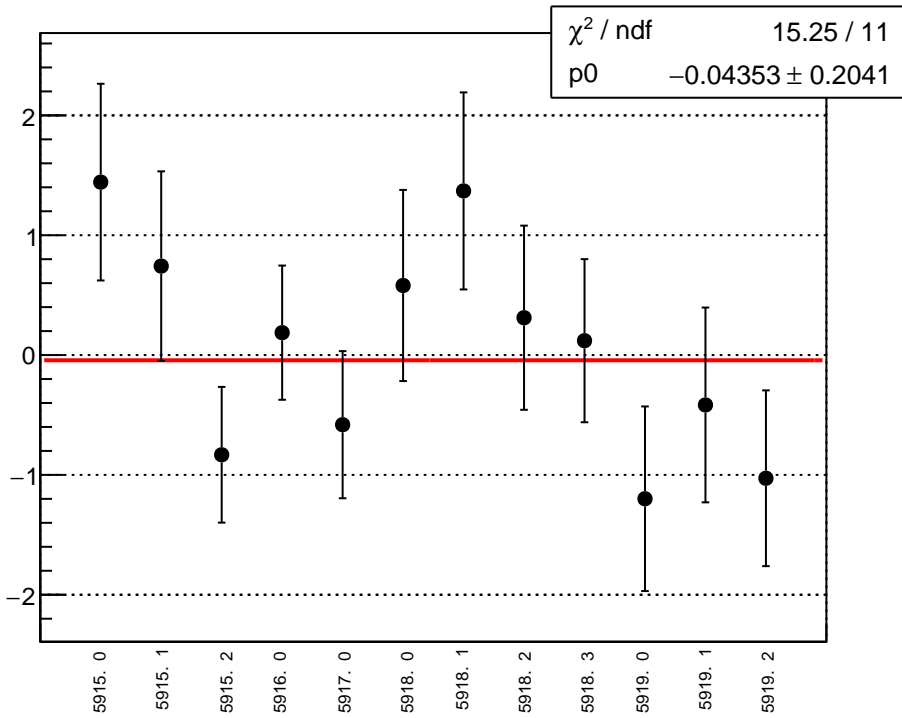
# reg\_asym\_us\_dd\_diff\_bpm12X\_slope vs run



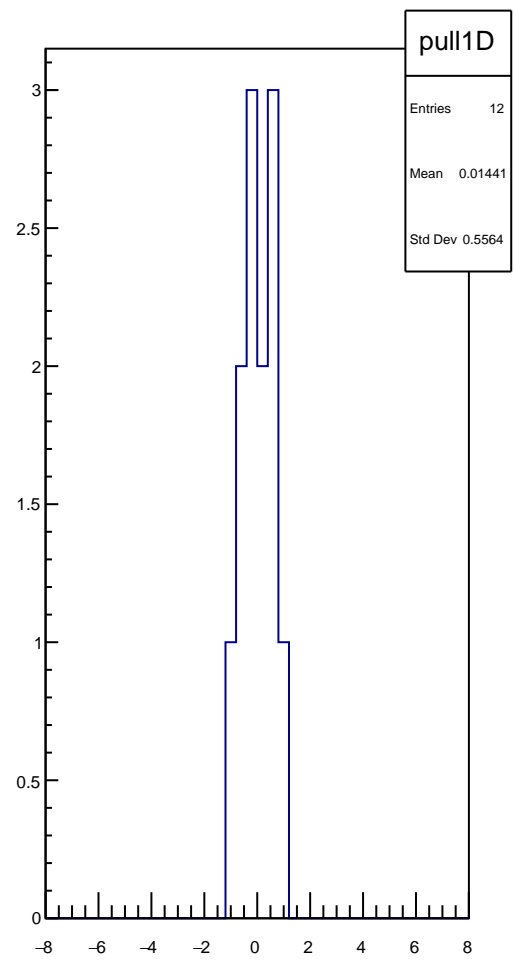
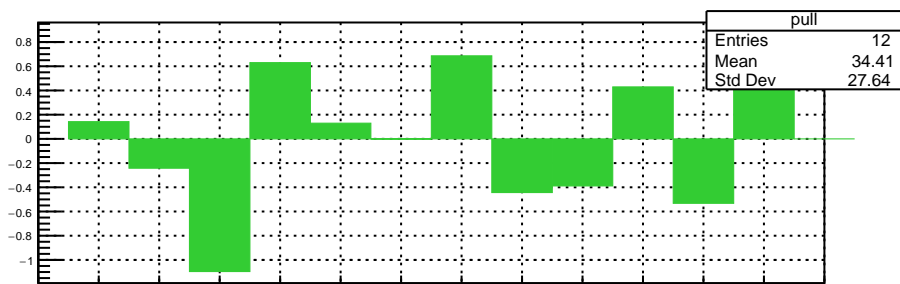
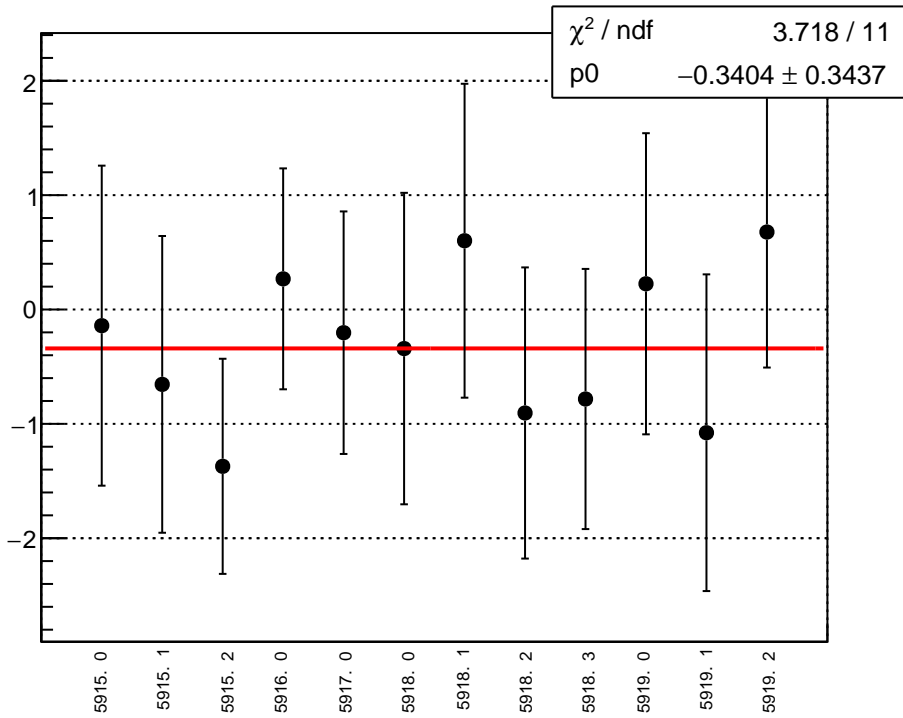
reg\_asym\_ds\_avg\_diff\_bpm4aX\_slope vs run



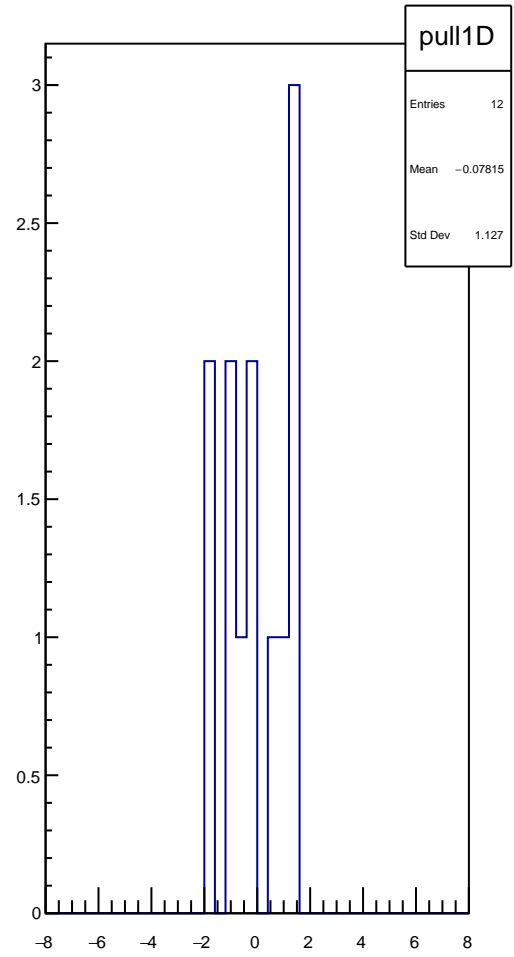
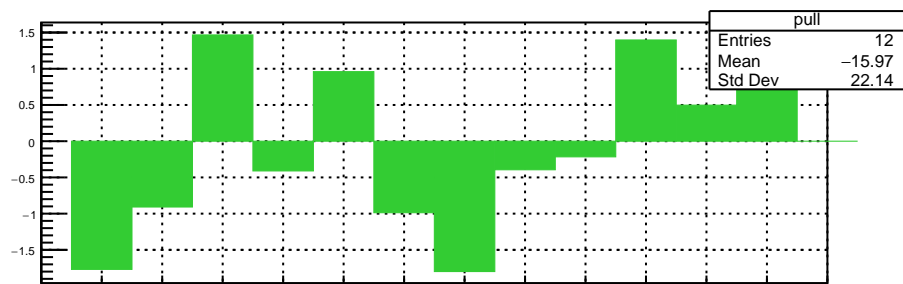
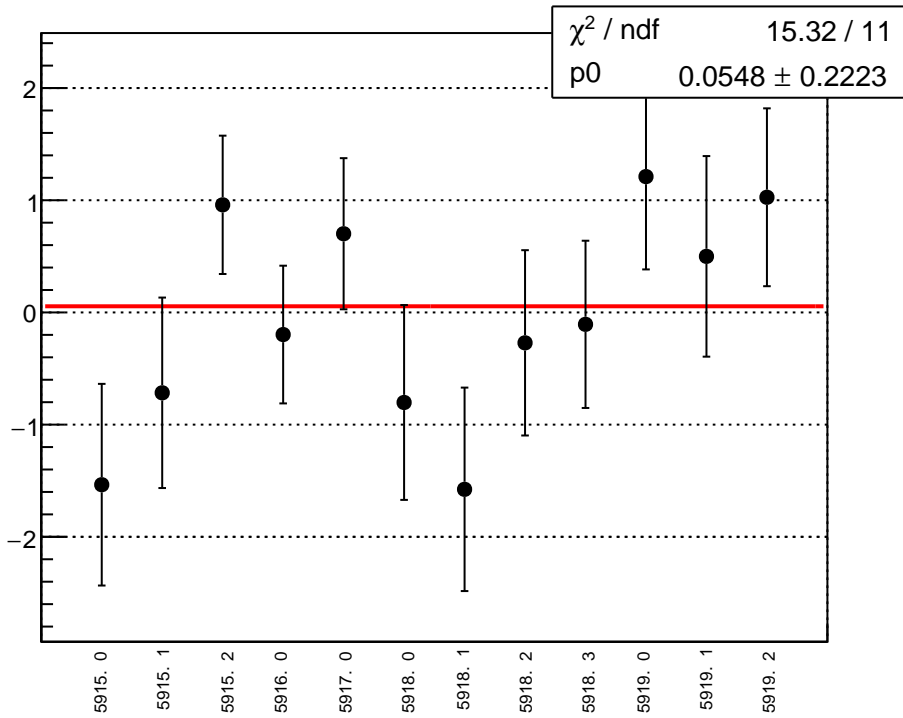
# reg\_asym\_ds\_avg\_diff\_bpm4aY\_slope vs run



# reg\_asym\_ds\_avg\_diff\_bpm4eX\_slope vs run

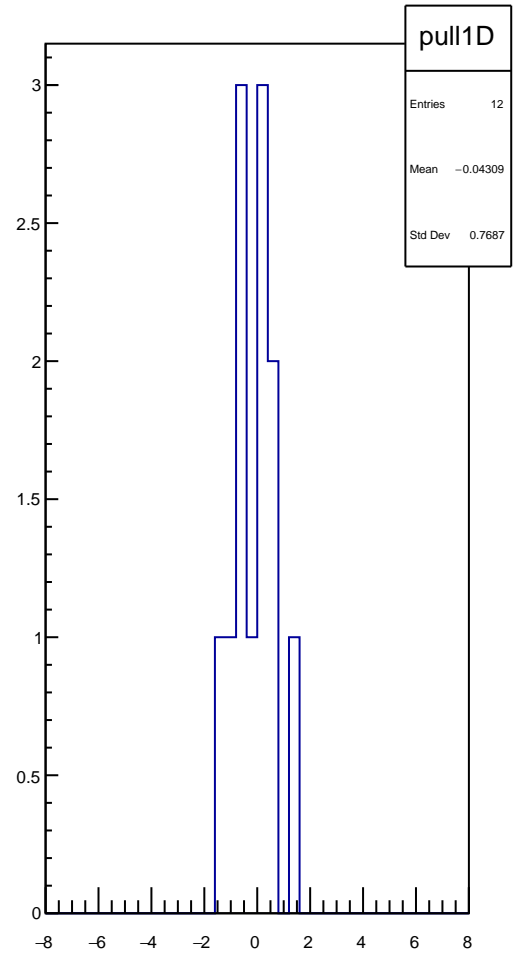
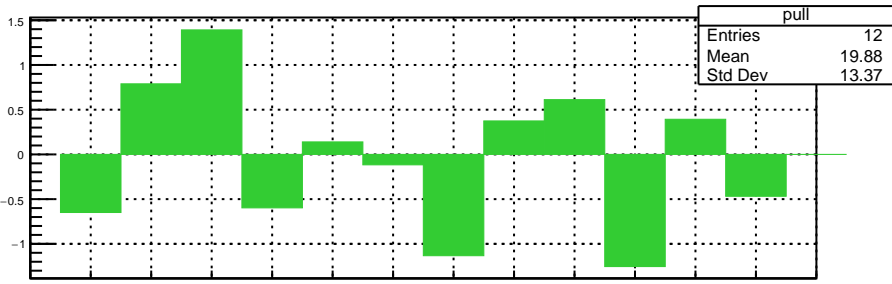
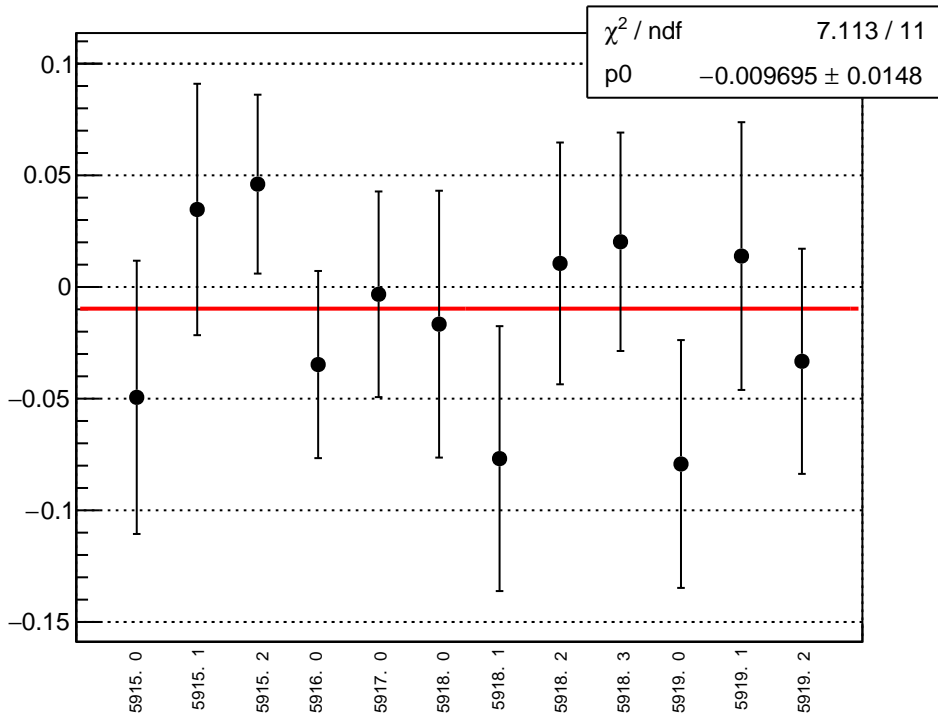


reg\_asym\_ds\_avg\_diff\_bpm4eY\_slope vs run

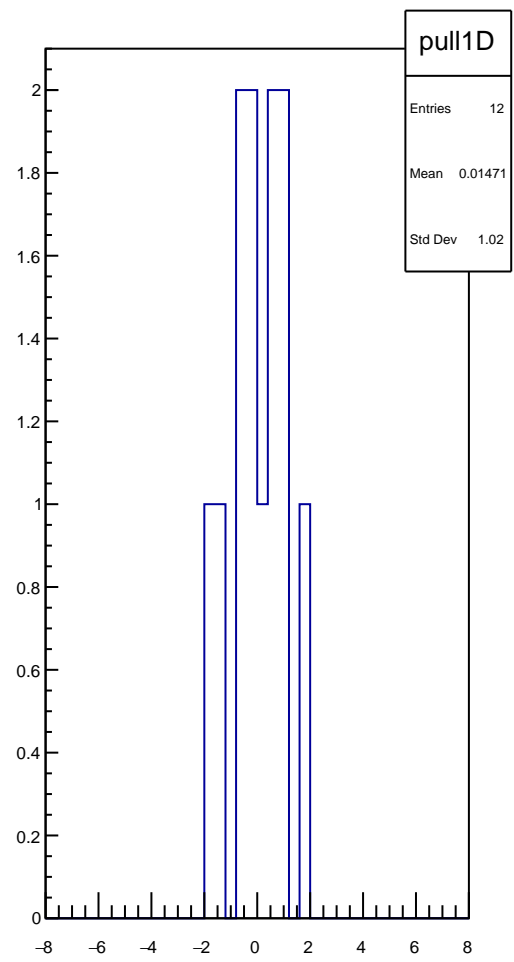
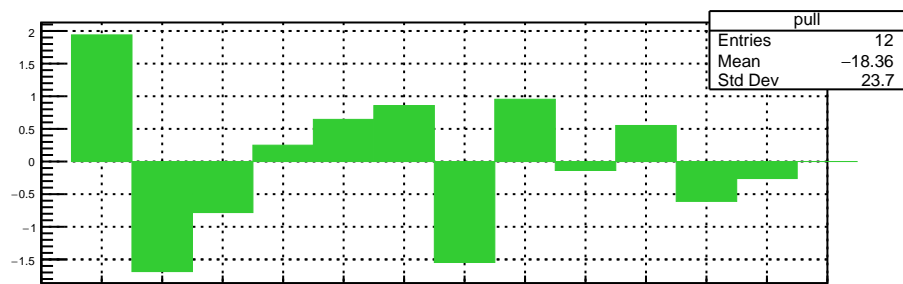
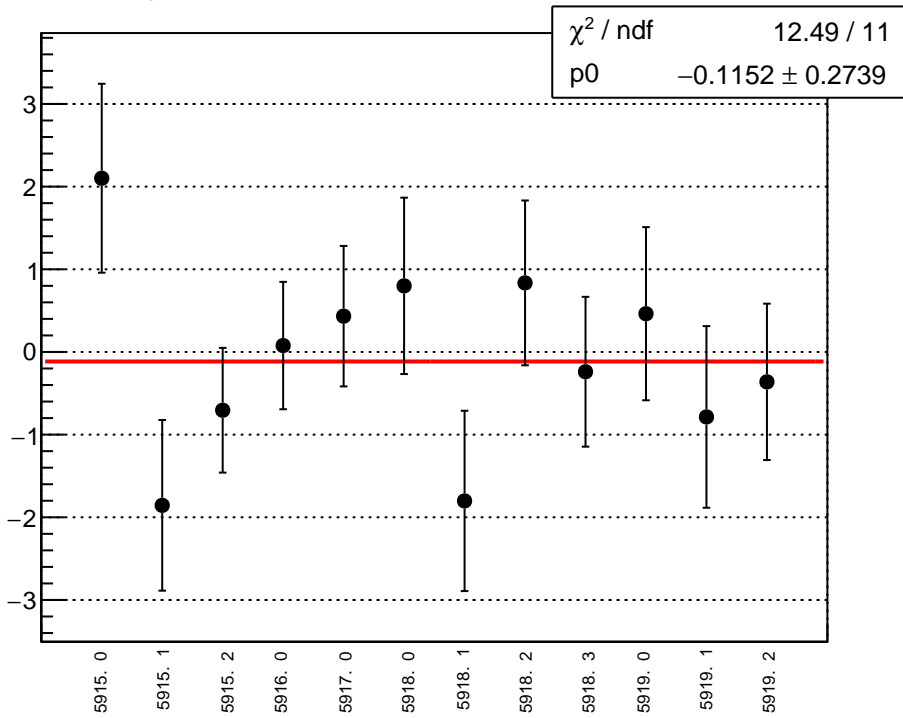




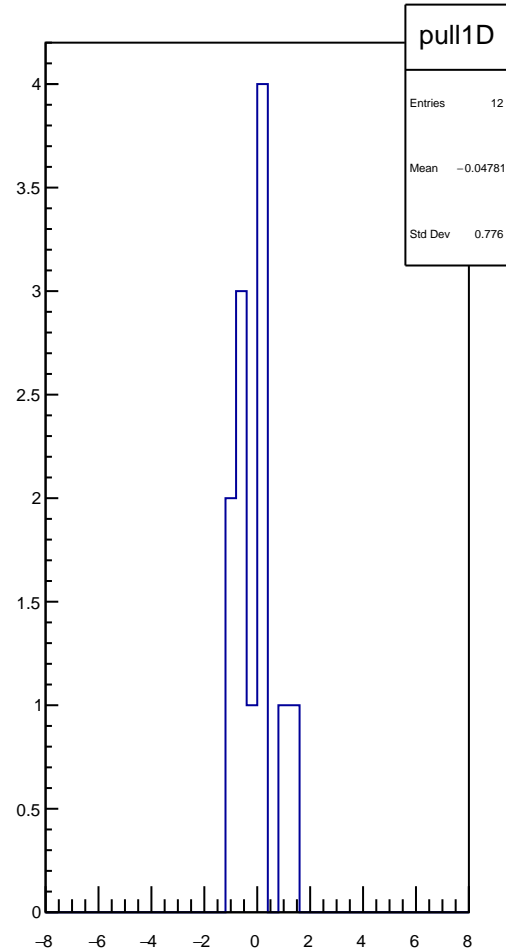
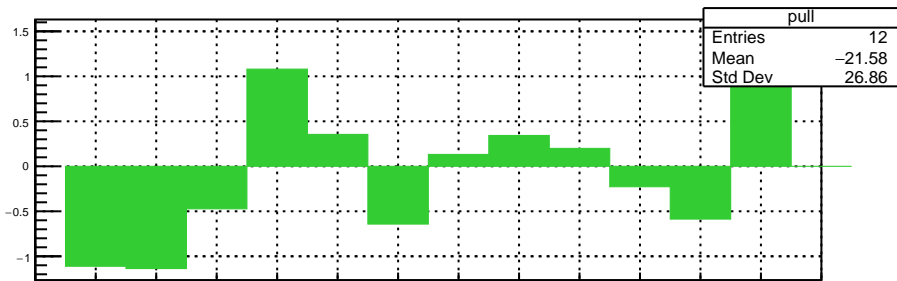
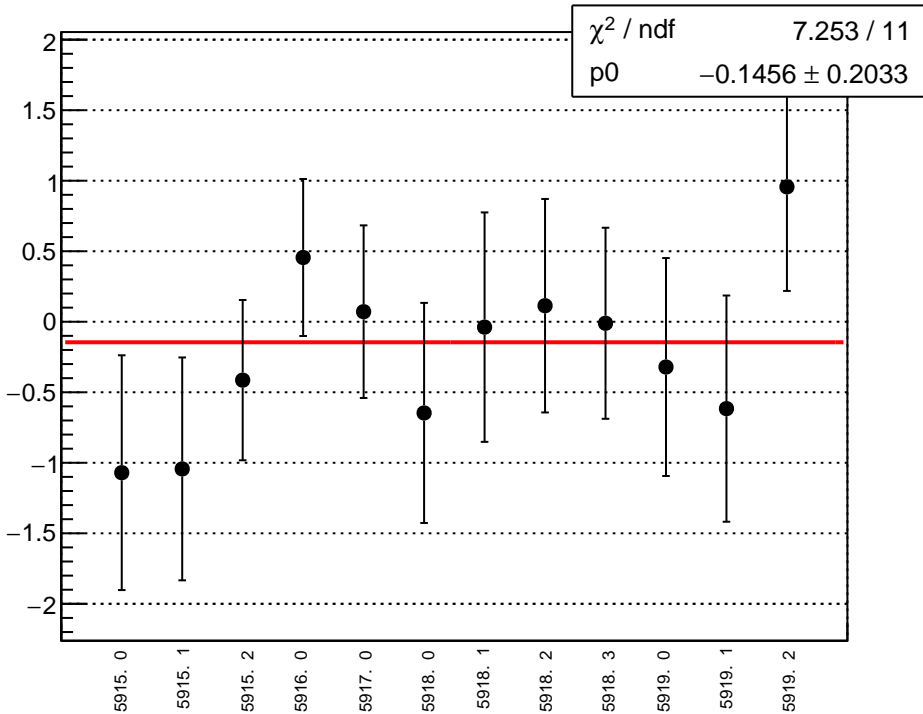
# reg\_asym\_ds\_avg\_diff\_bpm12X\_slope vs run



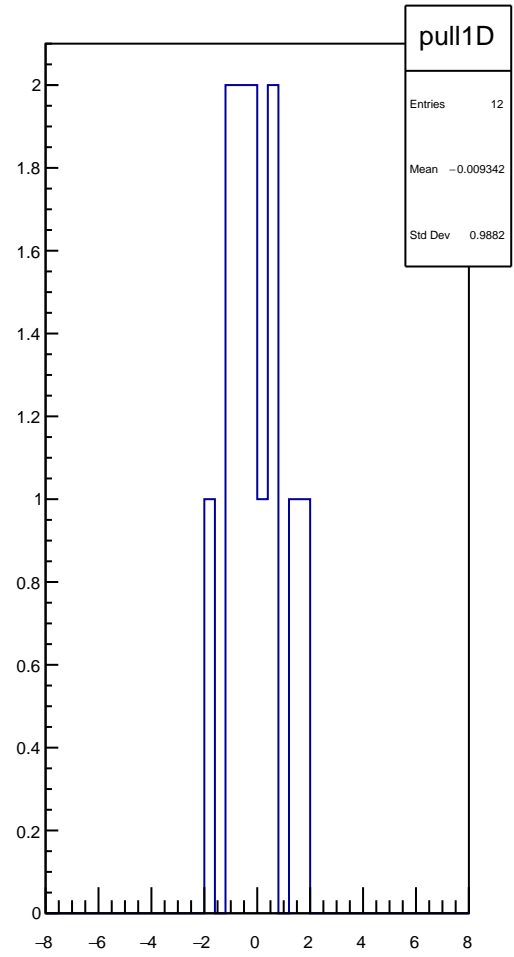
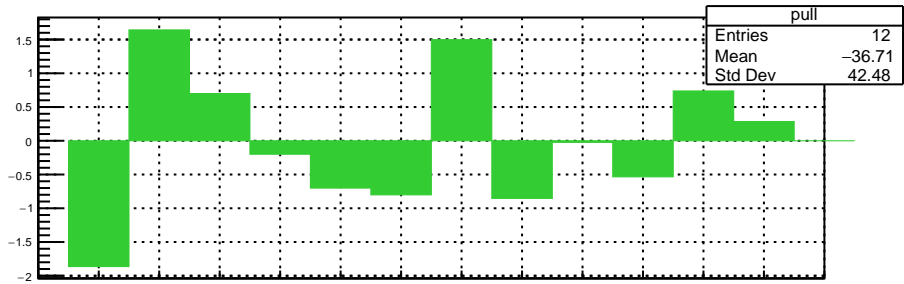
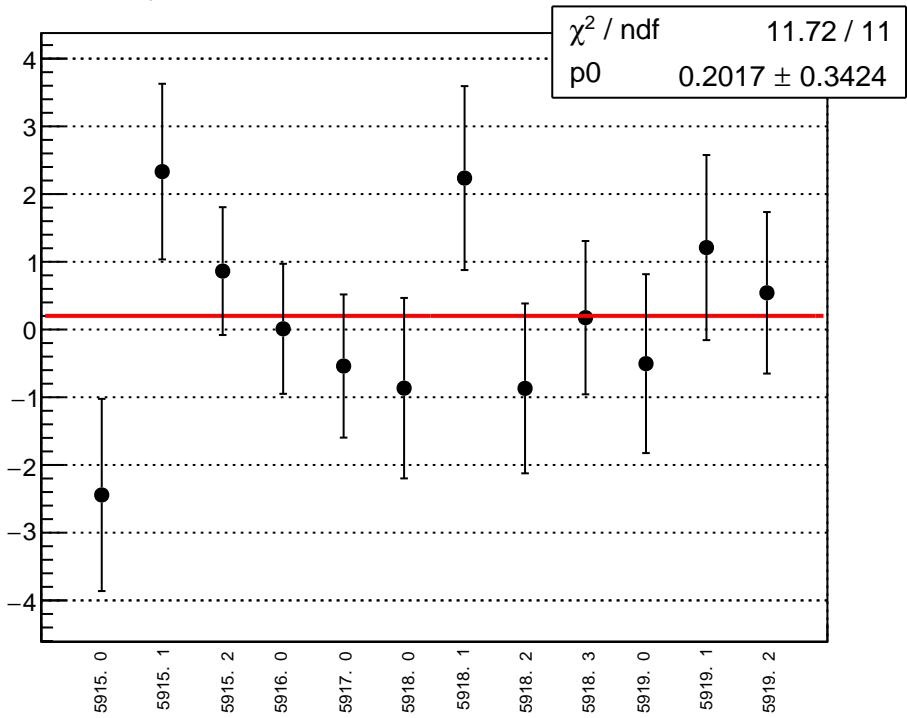
# reg\_asym\_ds\_dd\_diff\_bpm4aX\_slope vs run



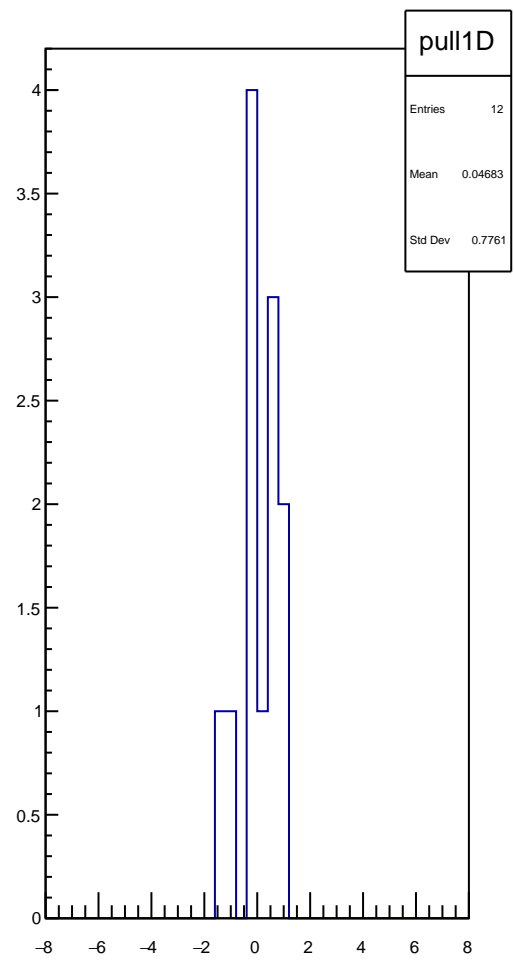
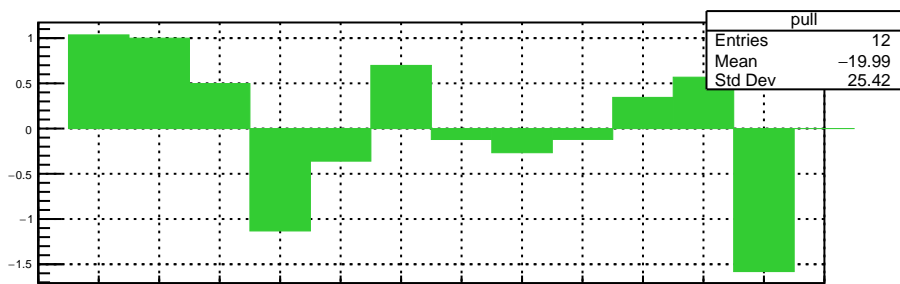
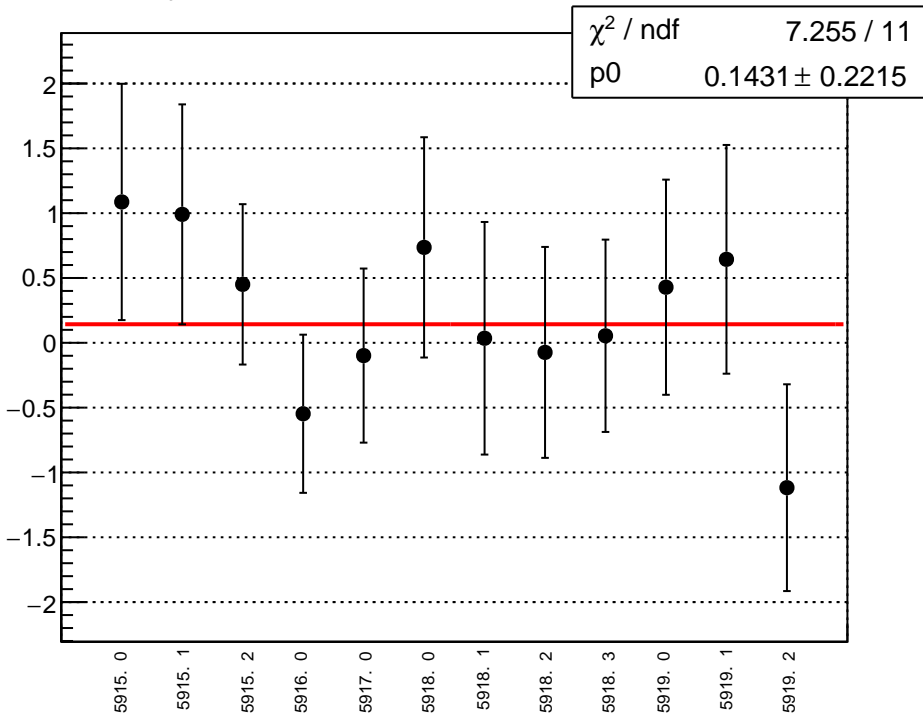
# reg\_asym\_ds\_dd\_diff\_bpm4aY\_slope vs run



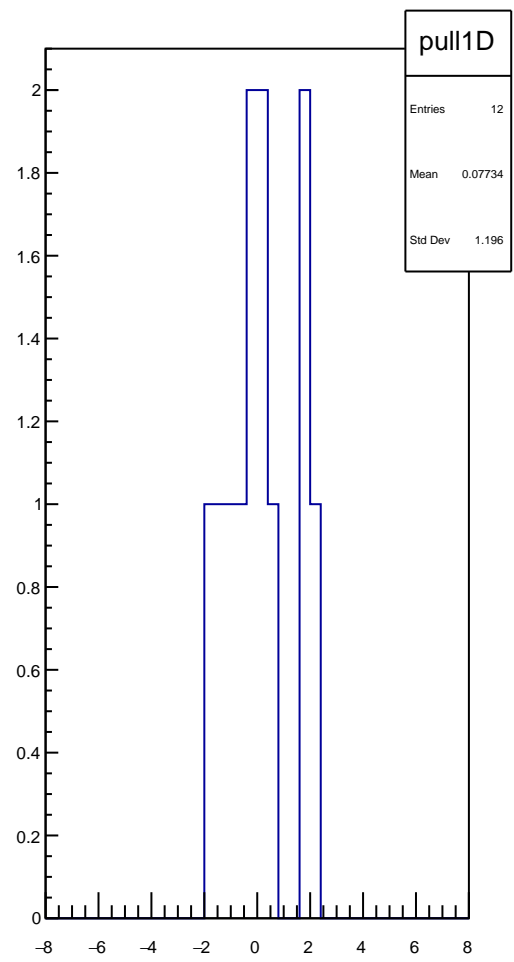
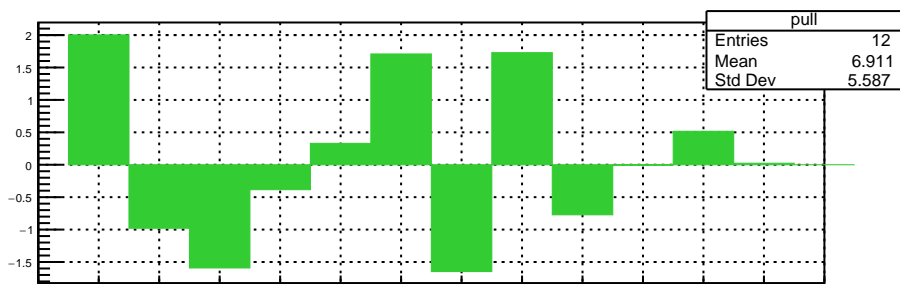
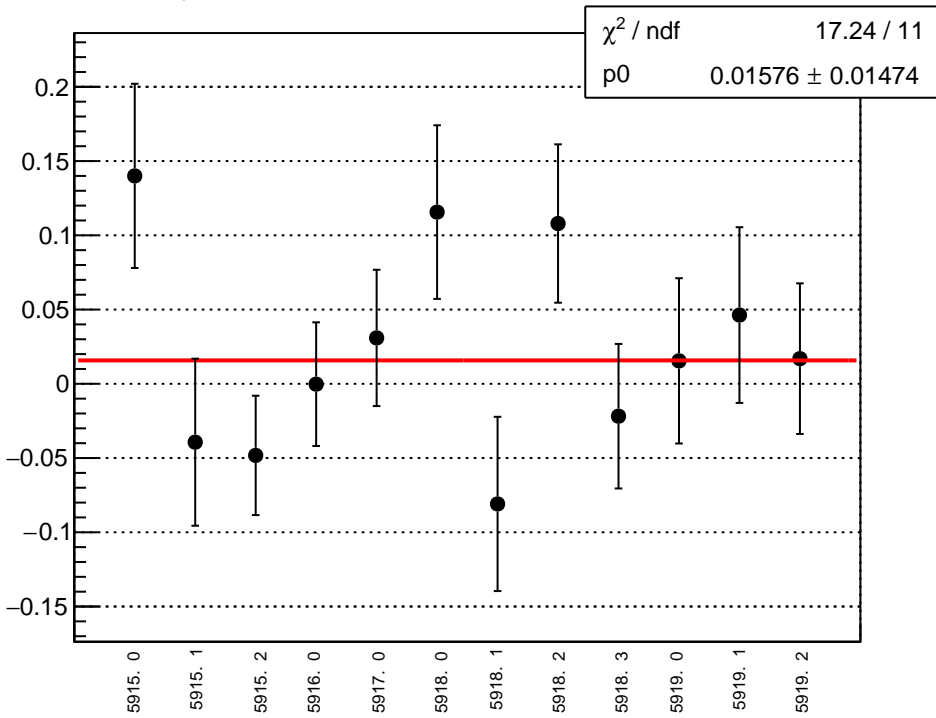
# reg\_asym\_ds\_dd\_diff\_bpm4eX\_slope vs run



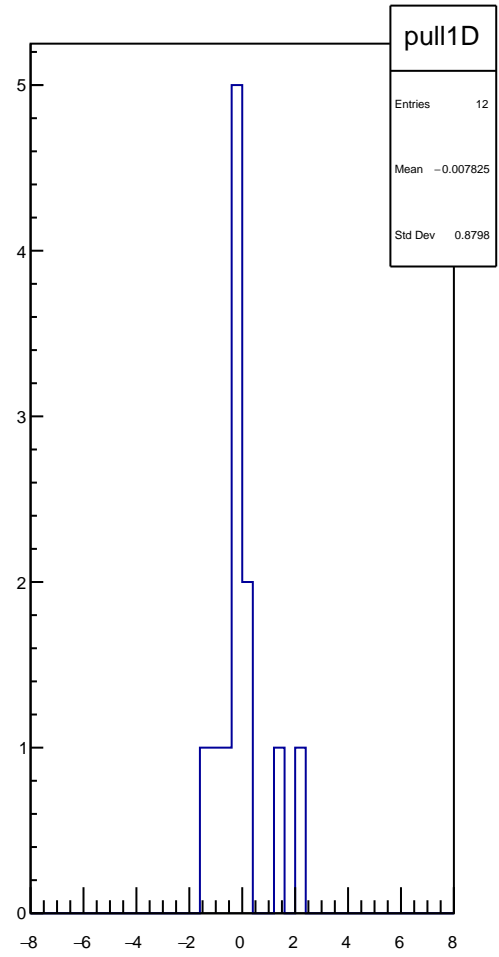
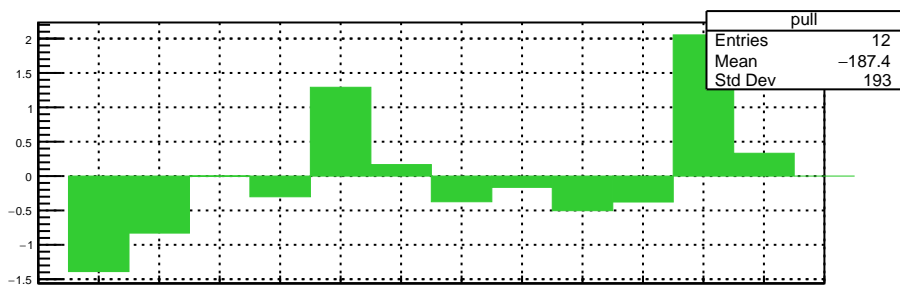
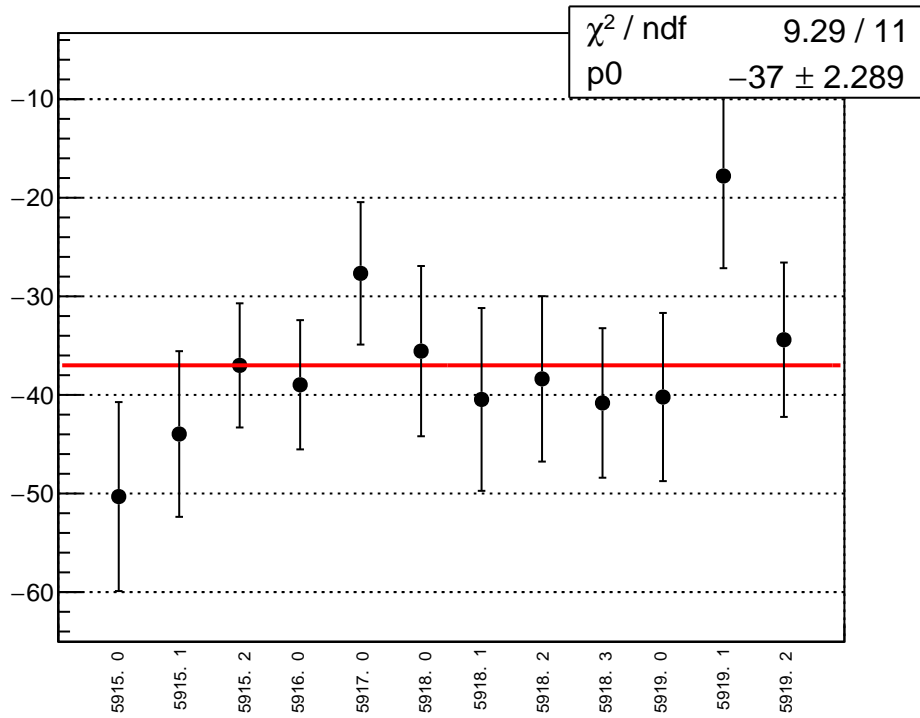
# reg\_asym\_ds\_dd\_diff\_bpm4eY\_slope vs run



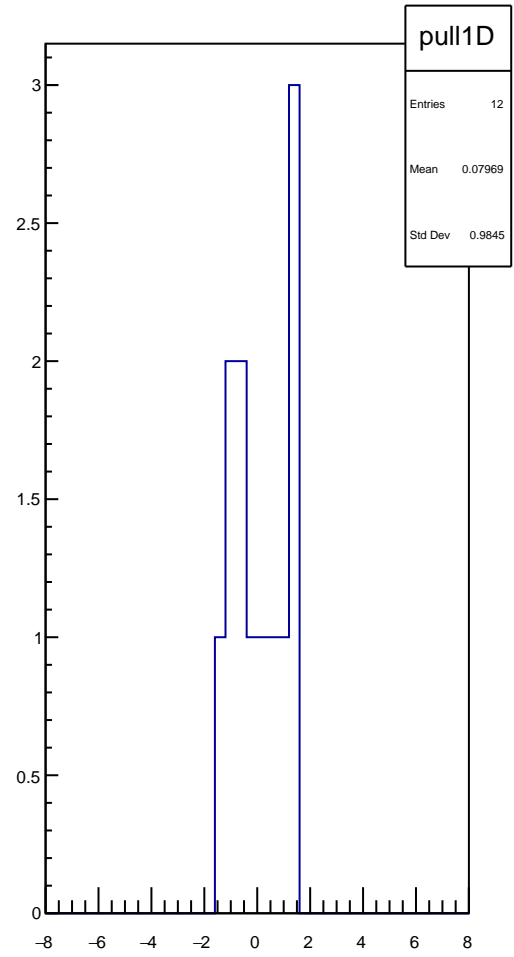
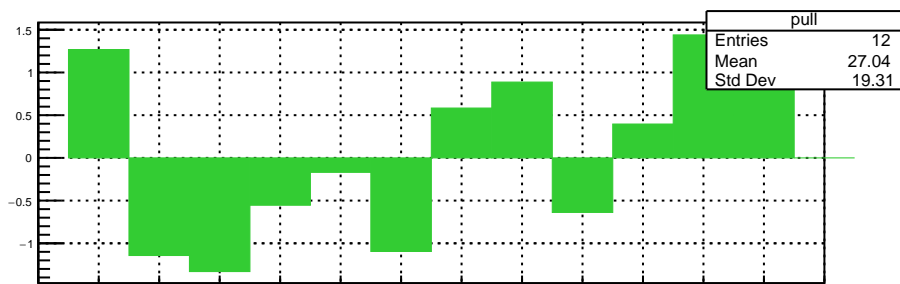
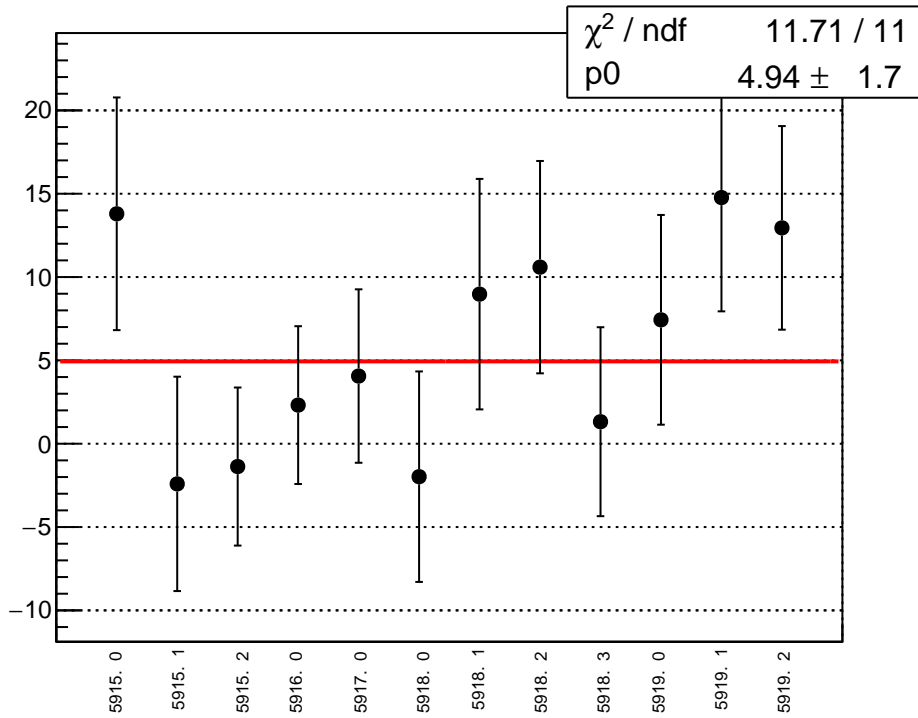
# reg\_asym\_ds\_dd\_diff\_bpm12X\_slope vs run



# reg\_asym\_left\_avg\_diff\_bpm4aX\_slope vs run

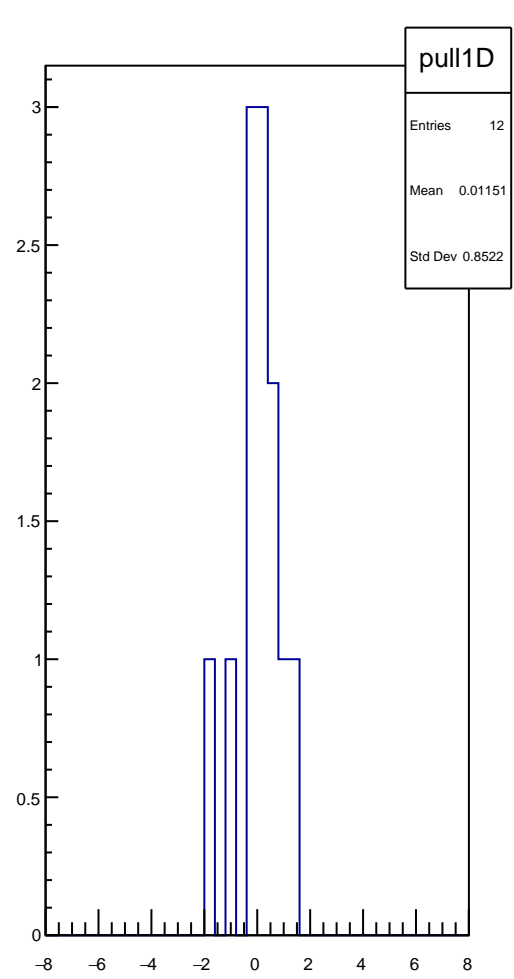
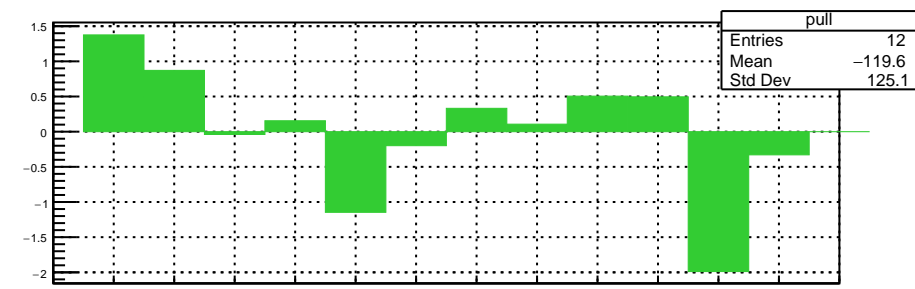
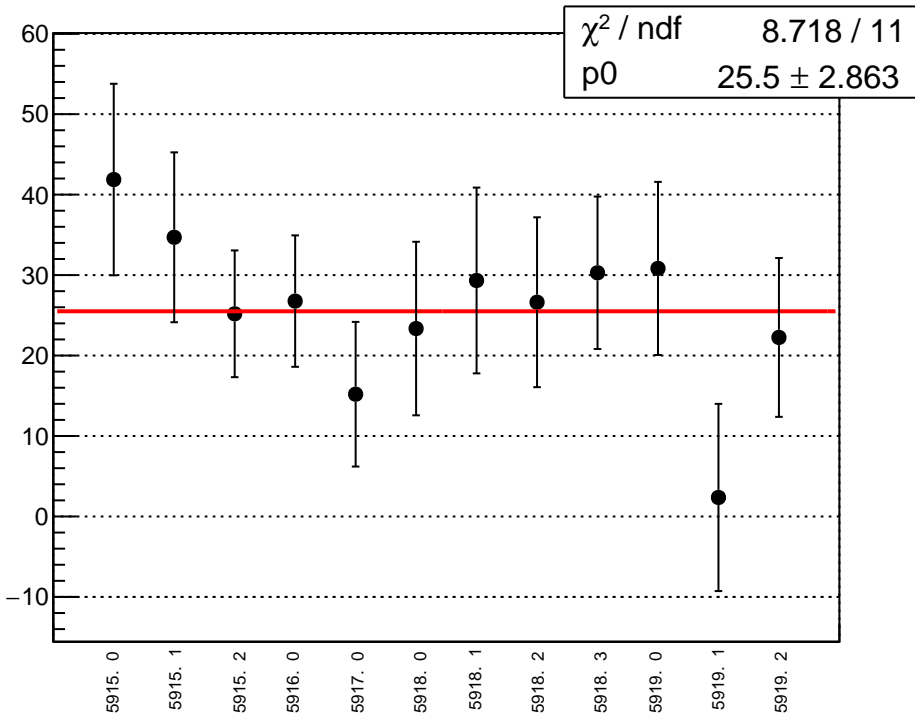


reg\_asym\_left\_avg\_diff\_bpm4aY\_slope vs run

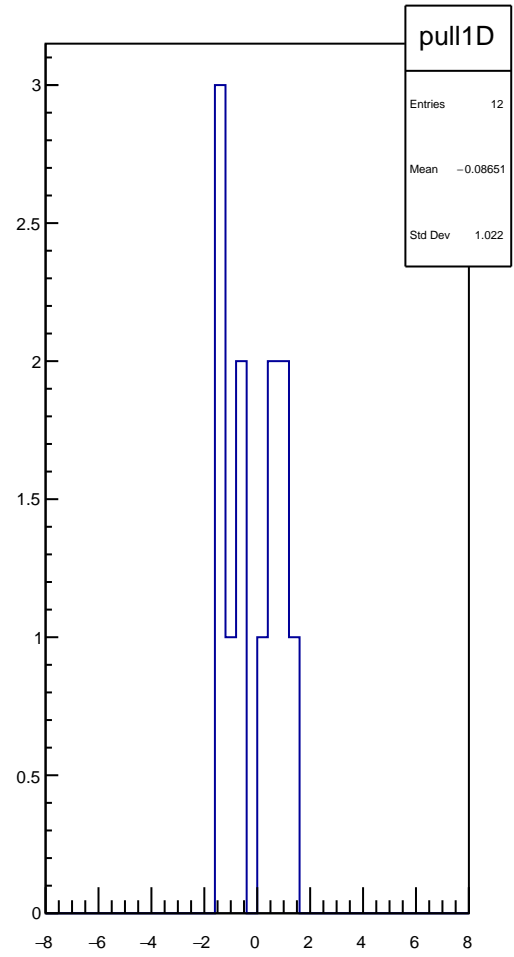
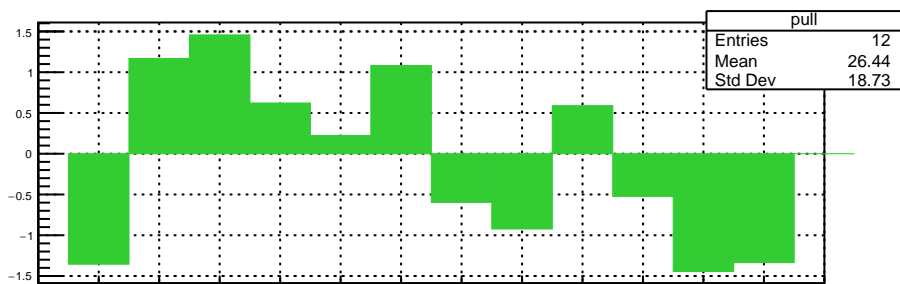
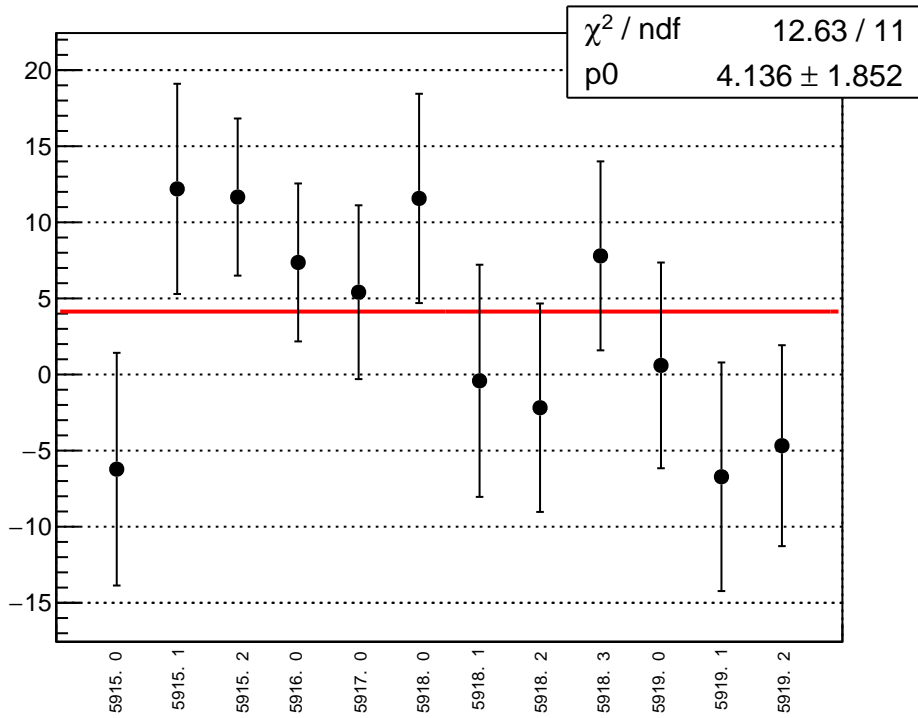




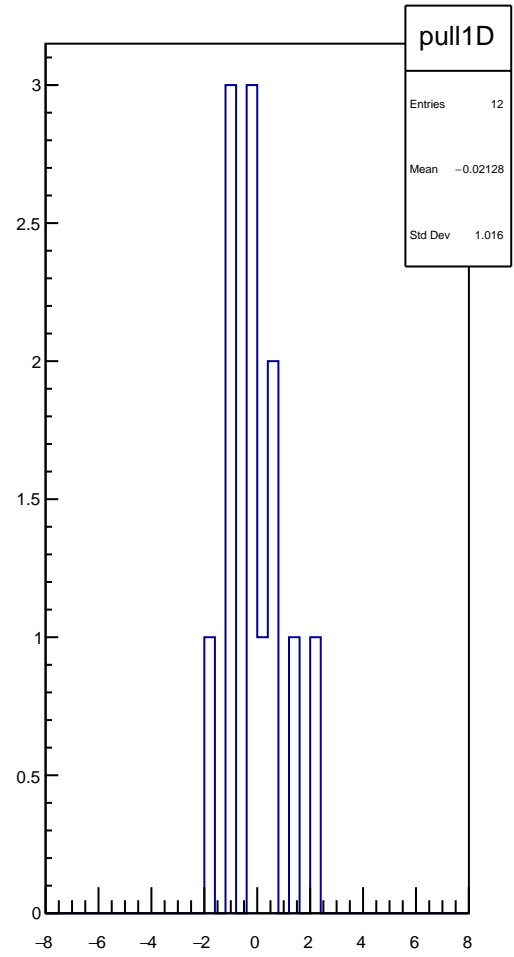
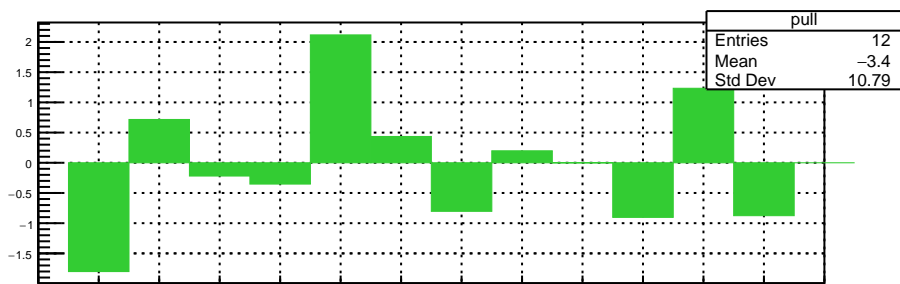
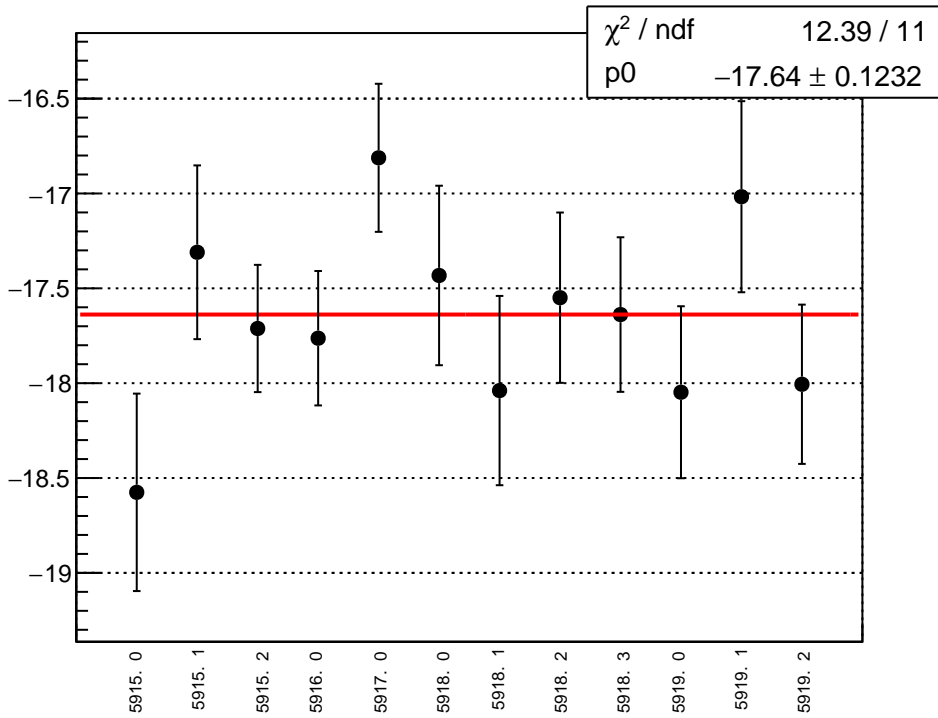
# reg\_asym\_left\_avg\_diff\_bpm4eX\_slope vs run



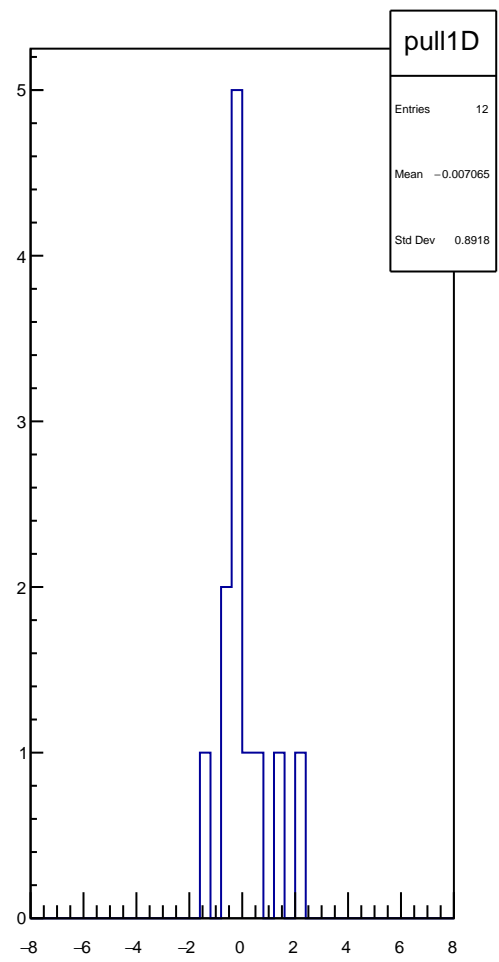
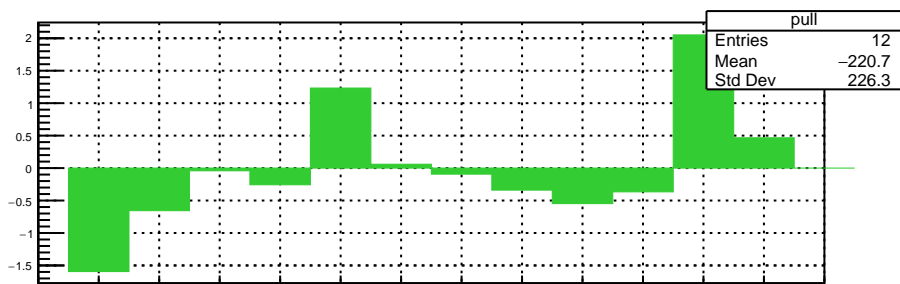
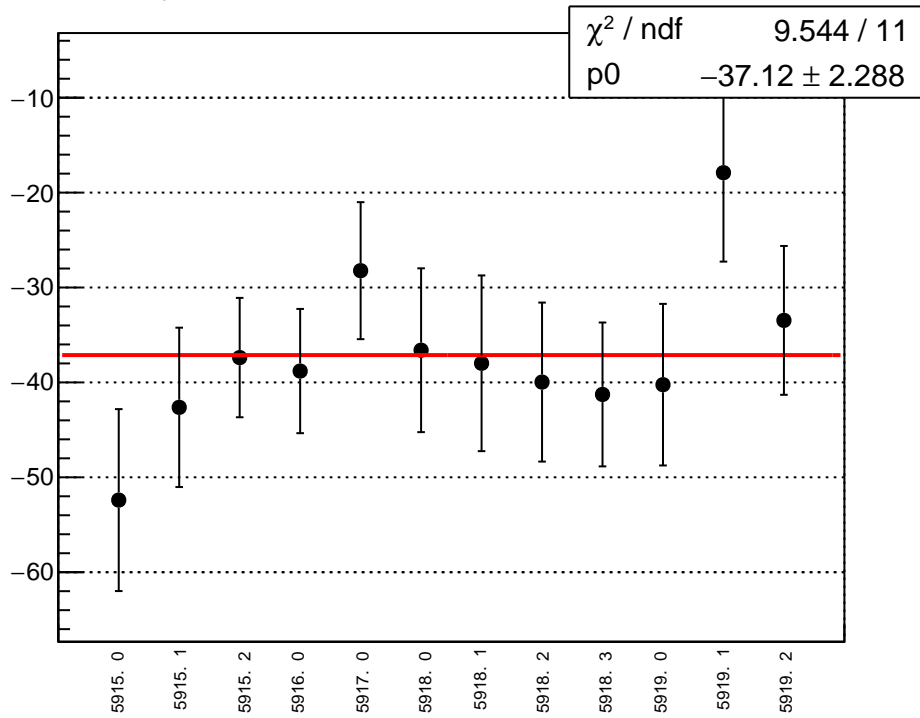
reg\_asym\_left\_avg\_diff\_bpm4eY\_slope vs run



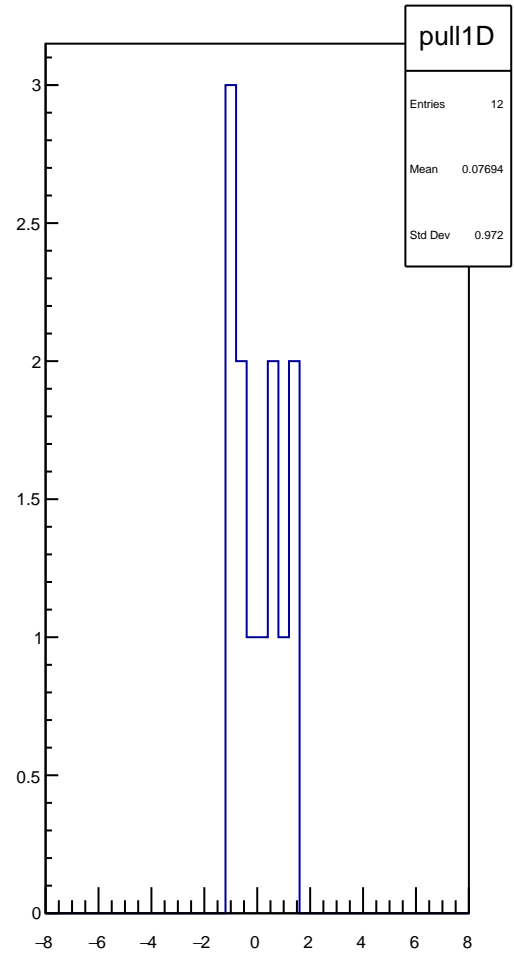
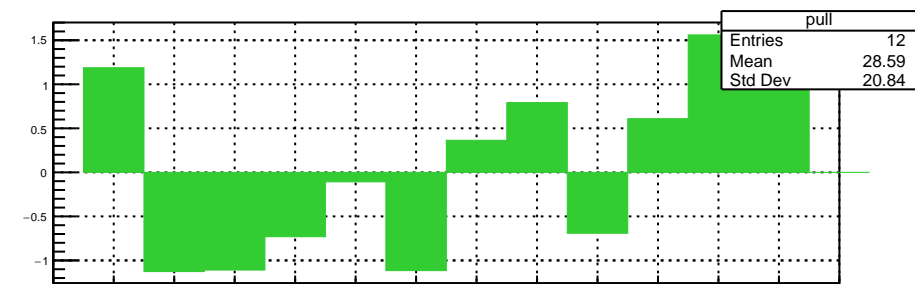
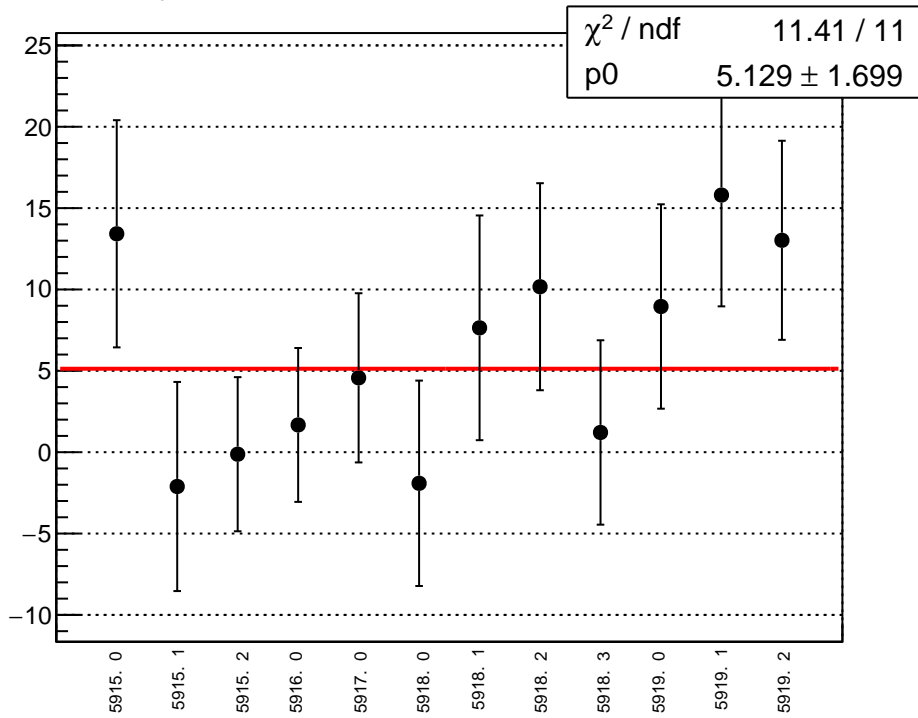
reg\_asym\_left\_avg\_diff\_bpm12X\_slope vs run



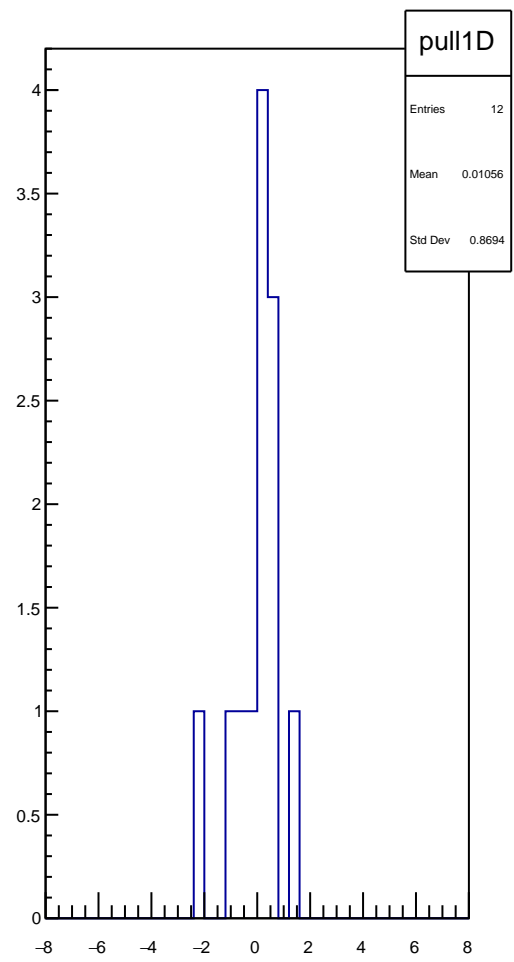
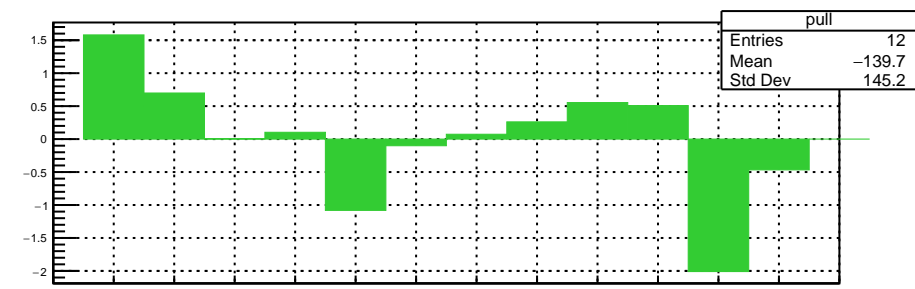
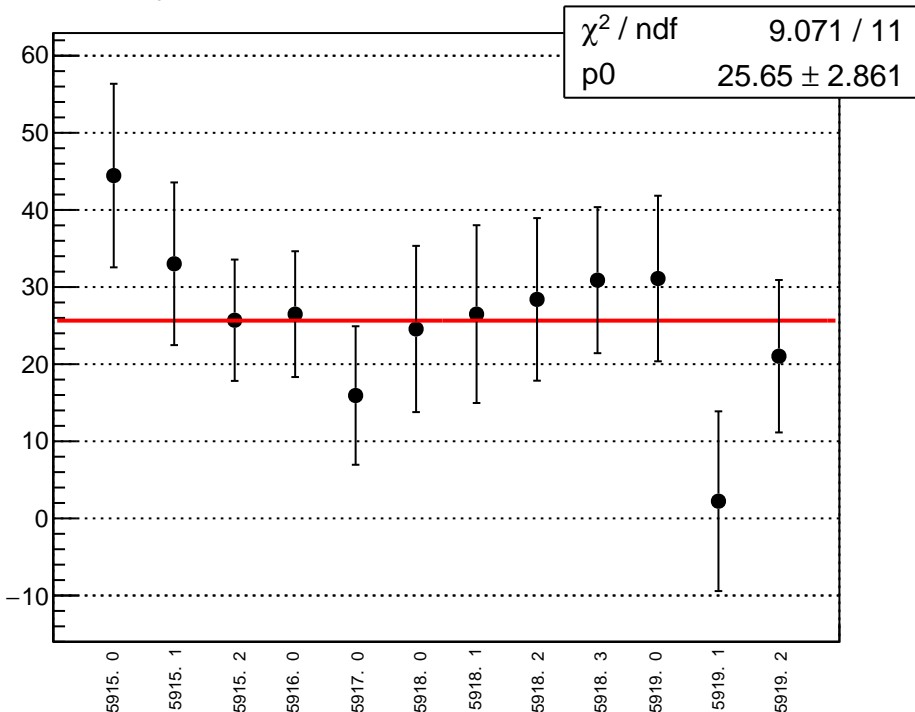
# reg\_asym\_left\_dd\_diff\_bpm4aX\_slope vs run



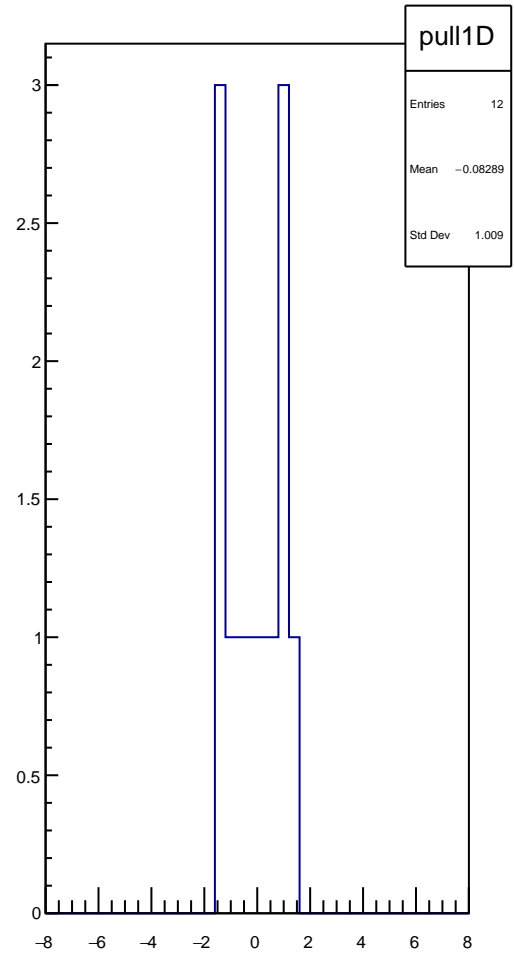
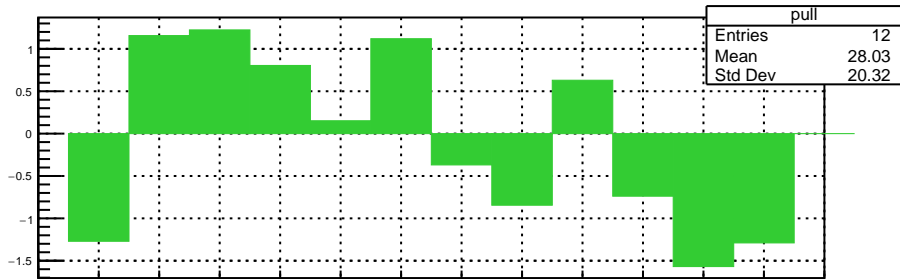
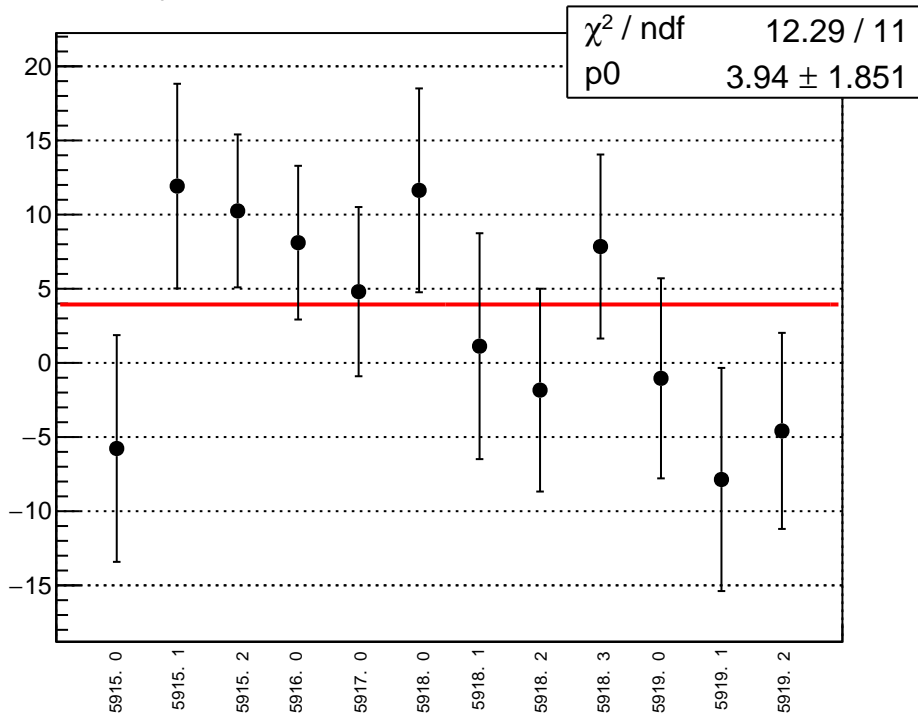
# reg\_asym\_left\_dd\_diff\_bpm4aY\_slope vs run



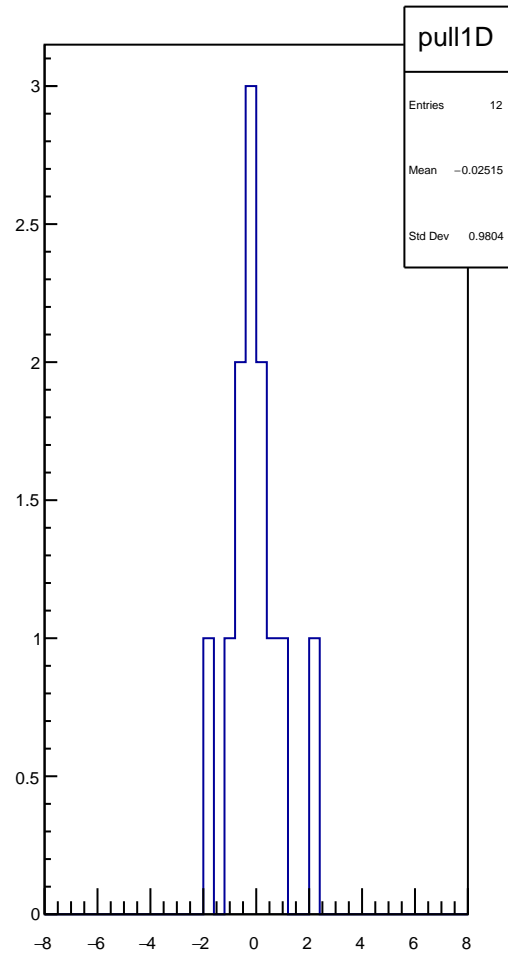
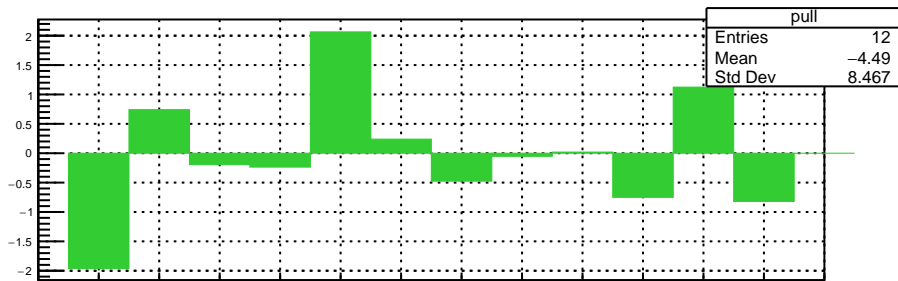
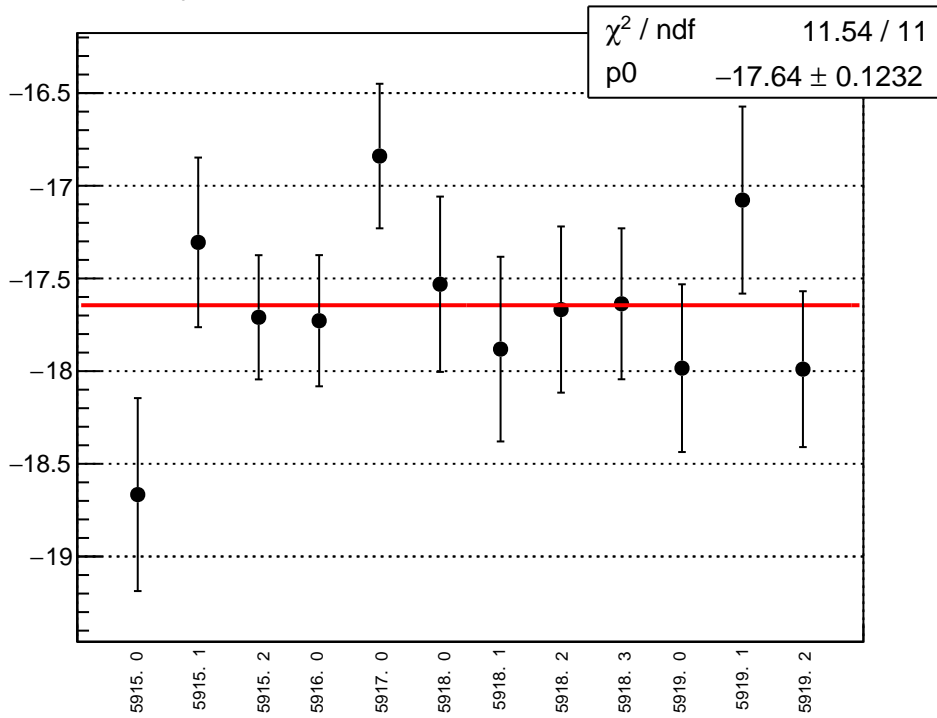
# reg\_asym\_left\_dd\_diff\_bpm4eX\_slope vs run



# reg\_asym\_left\_dd\_diff\_bpm4eY\_slope vs run

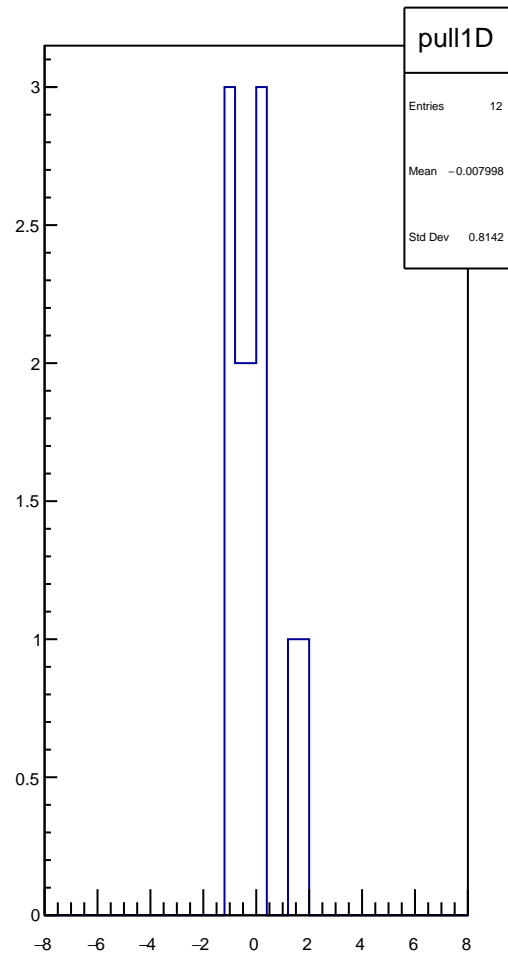
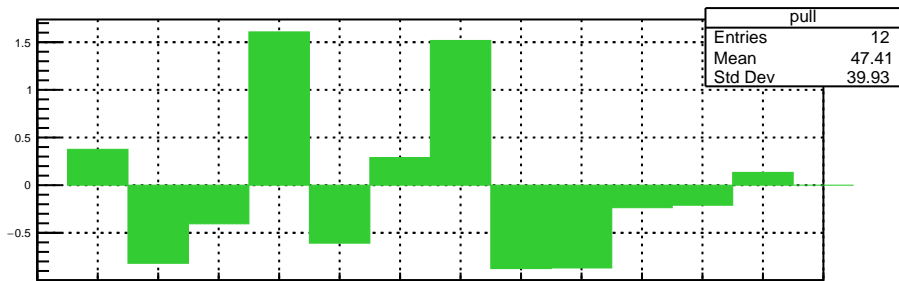
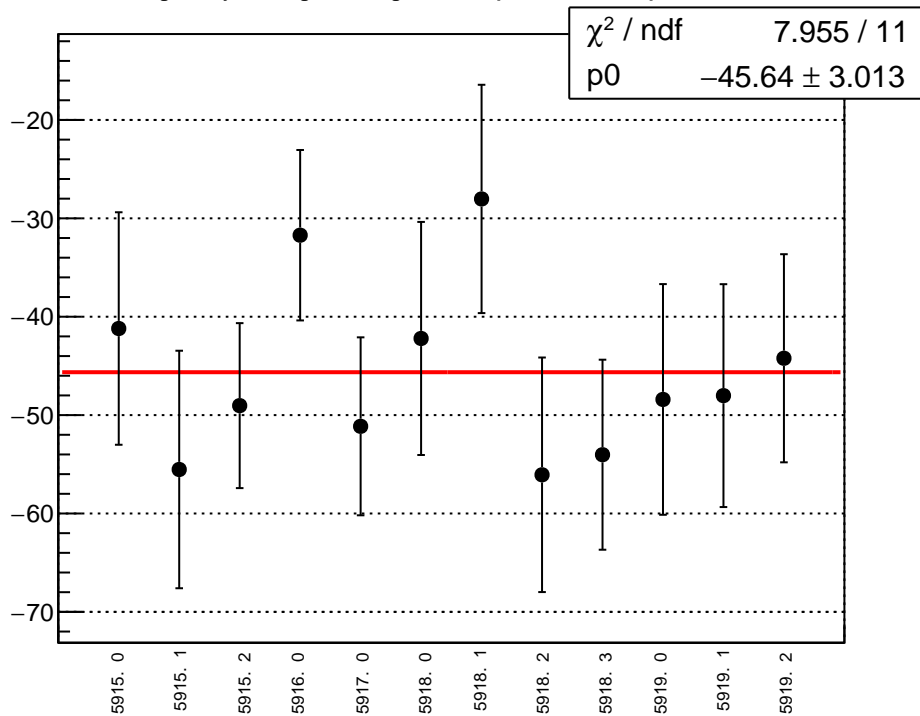


# reg\_asym\_left\_dd\_diff\_bpm12X\_slope vs run

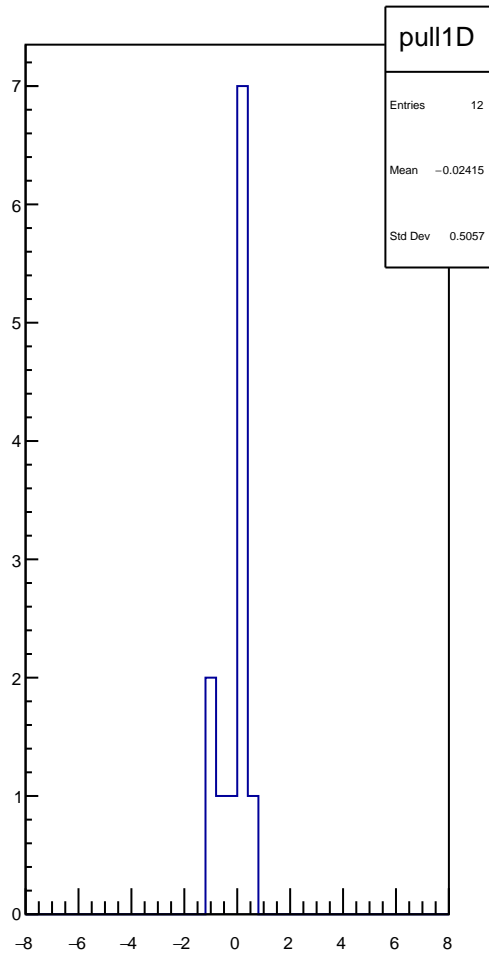
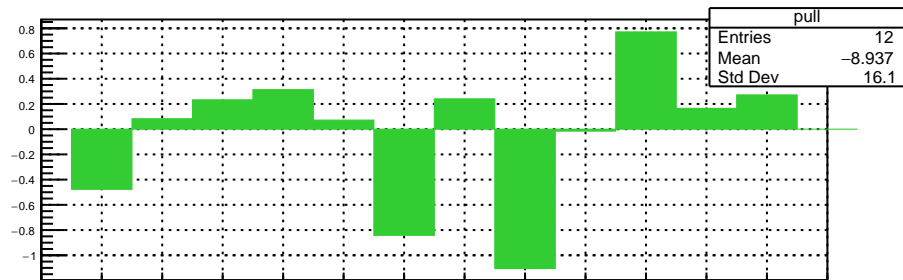
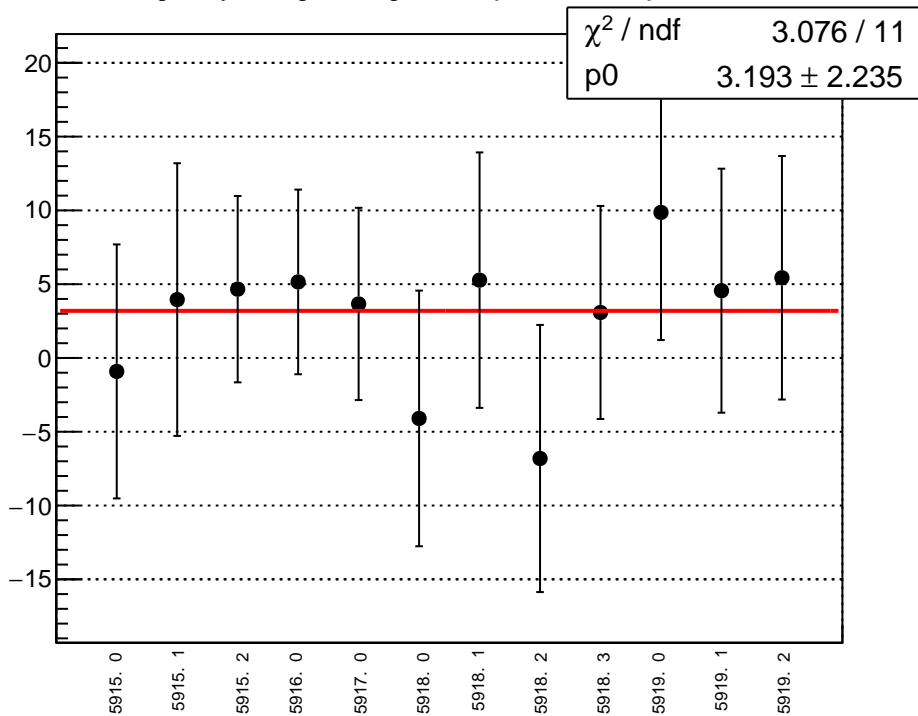




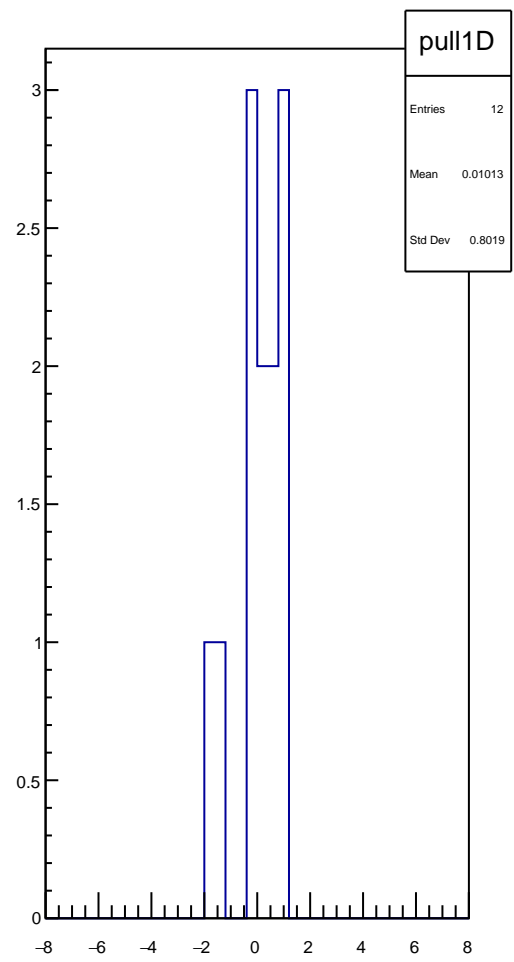
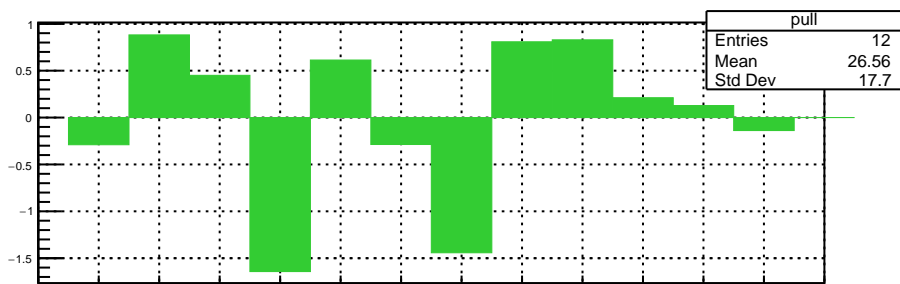
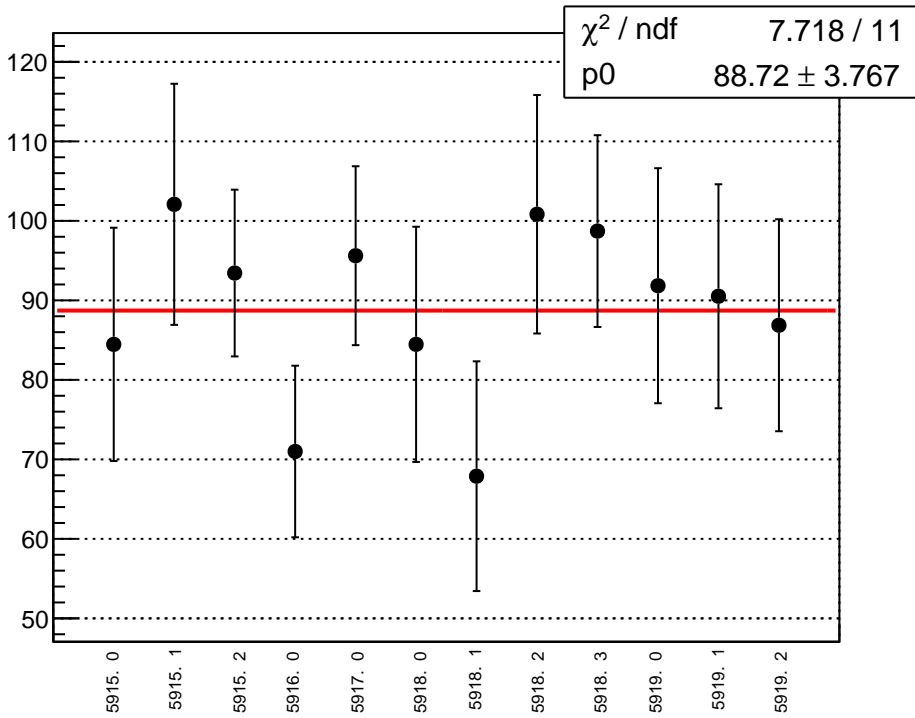
reg\_asym\_right\_avg\_diff\_bpm4aX\_slope vs run



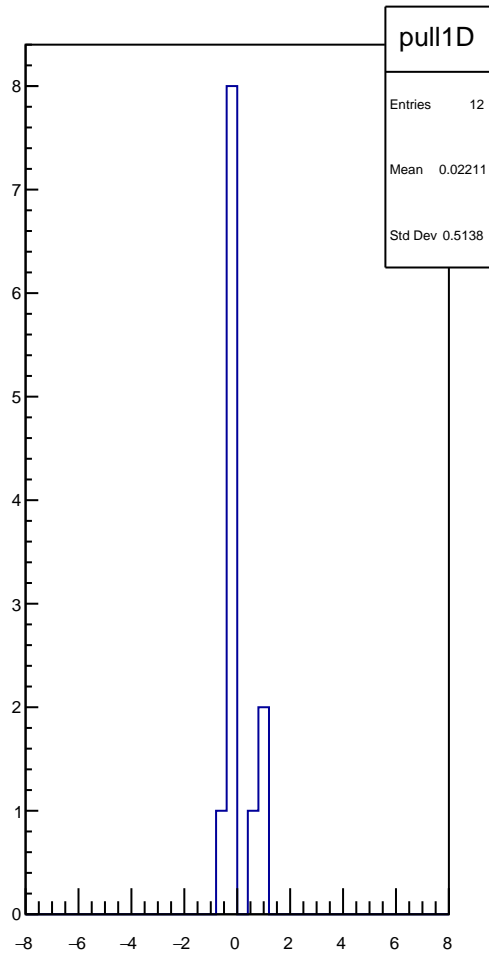
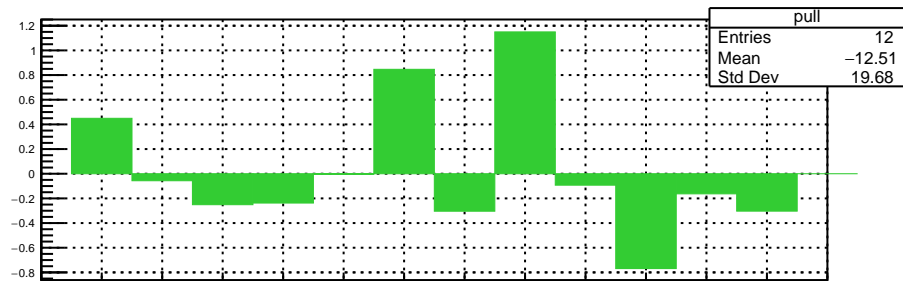
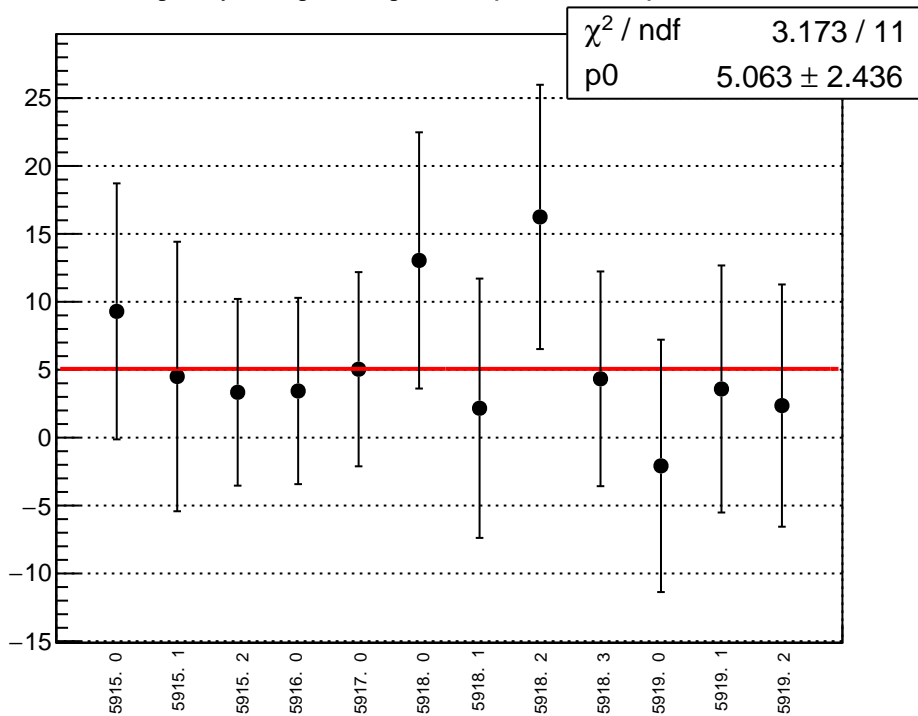
reg\_asym\_right\_avg\_diff\_bpm4aY\_slope vs run



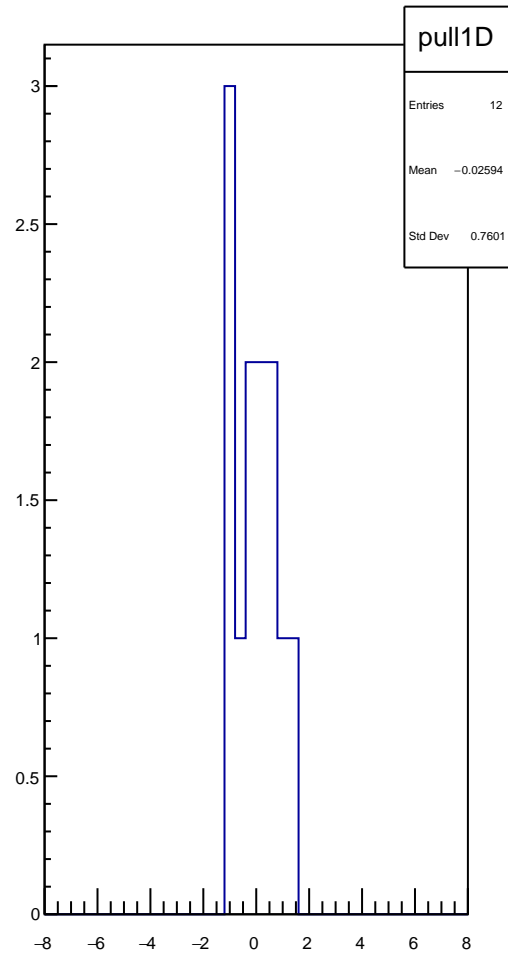
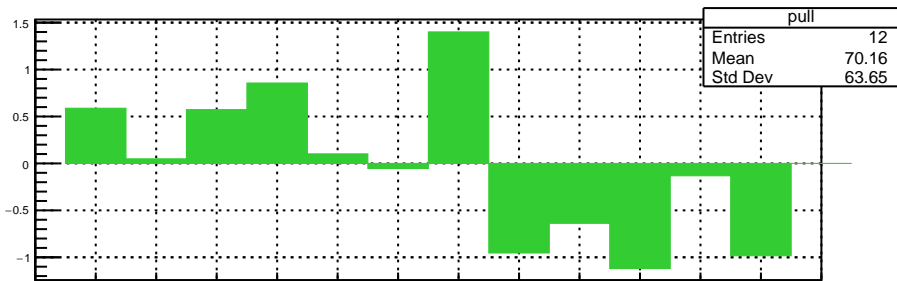
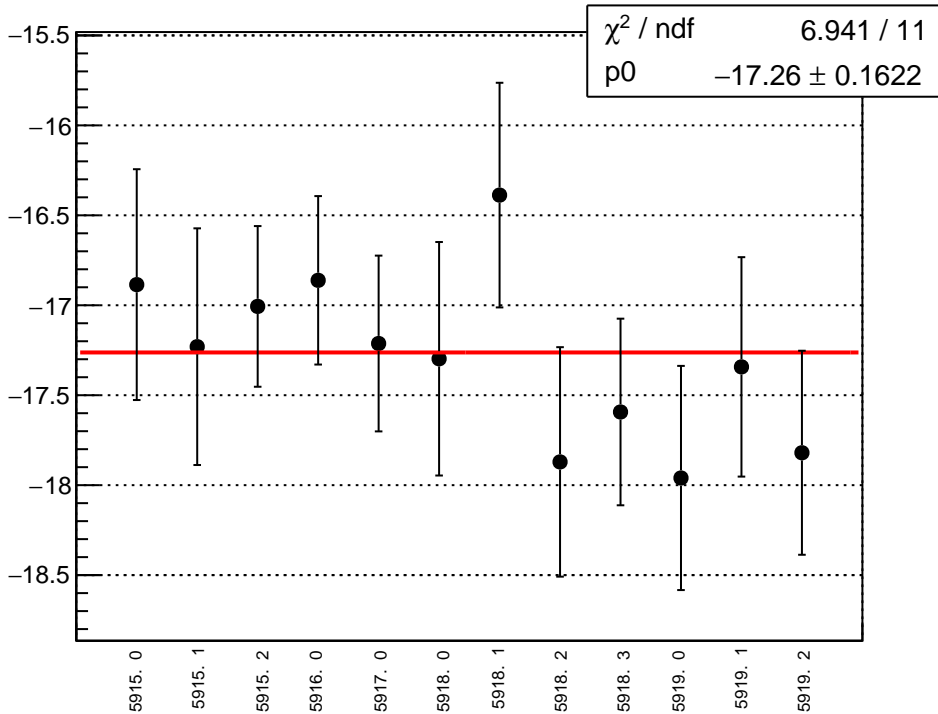
reg\_asym\_right\_avg\_diff\_bpm4eX\_slope vs run



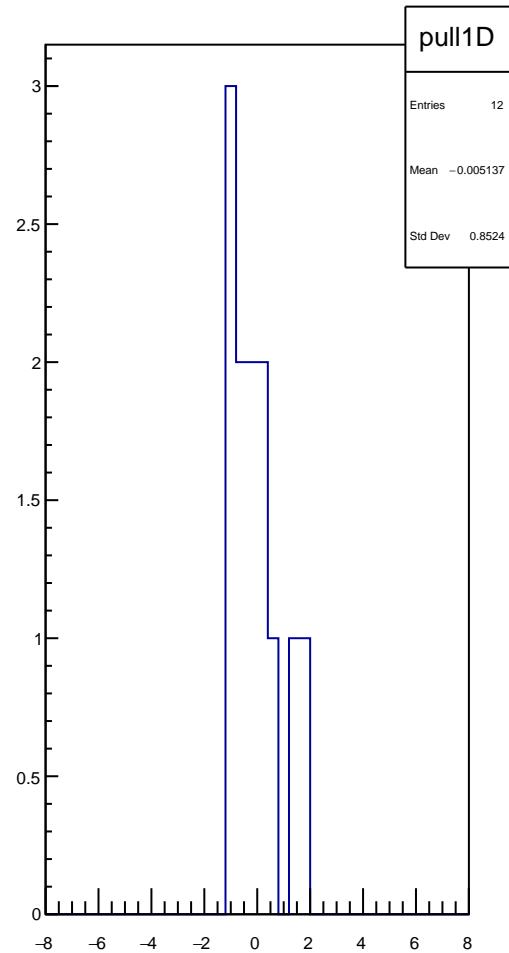
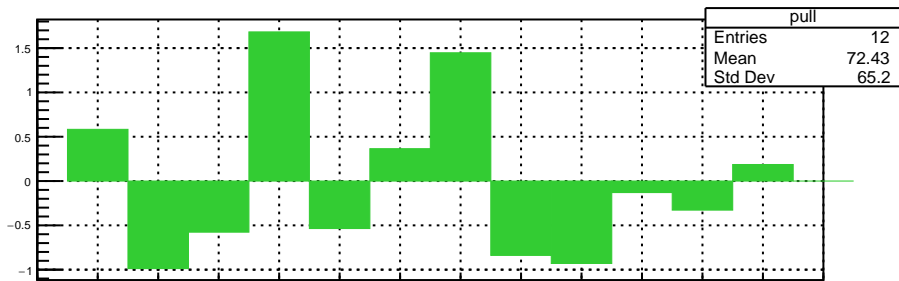
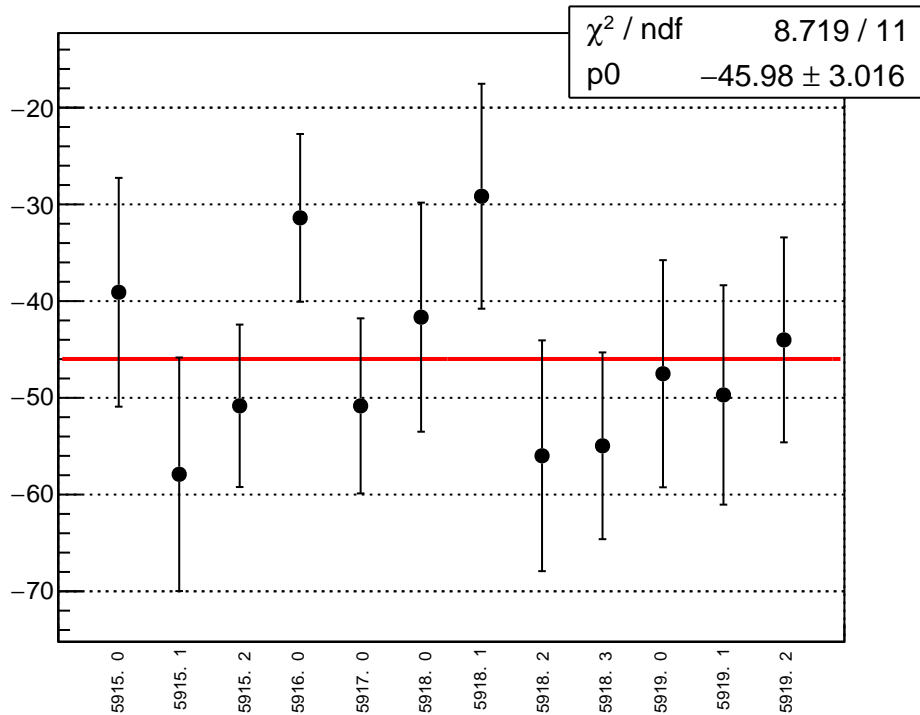
reg\_asym\_right\_avg\_diff\_bpm4eY\_slope vs run



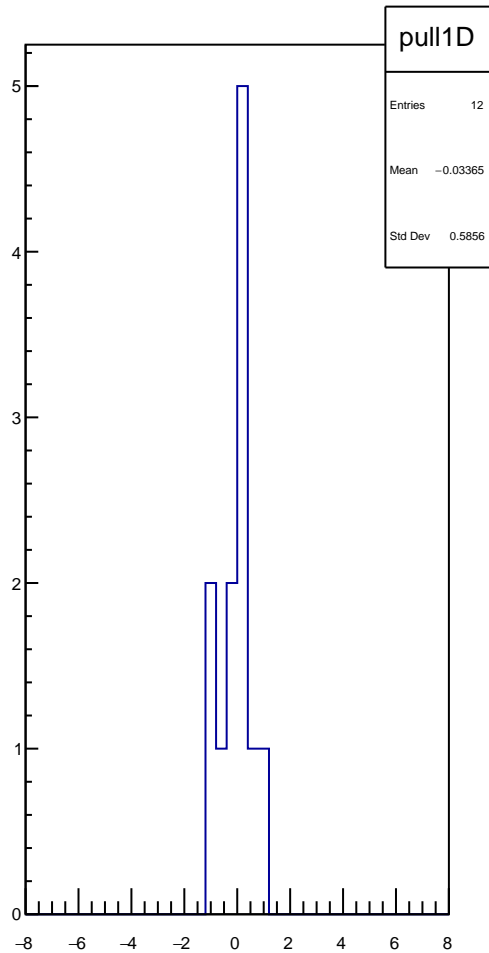
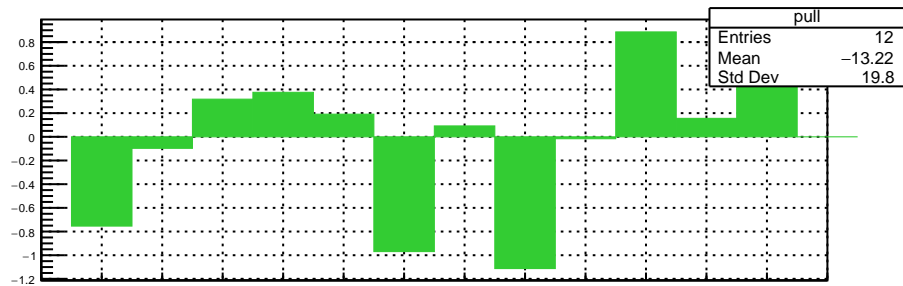
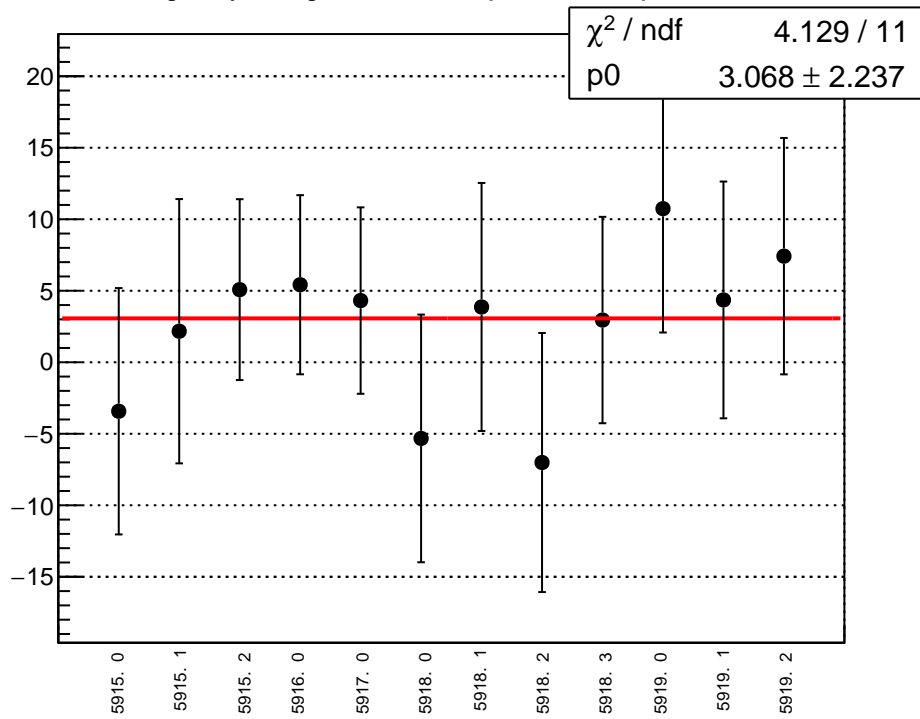
reg\_asym\_right\_avg\_diff\_bpm12X\_slope vs run



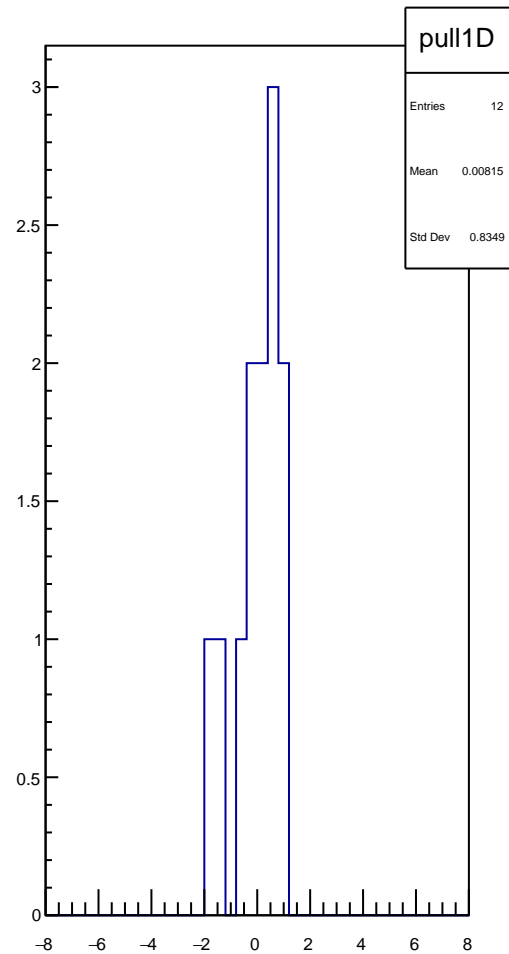
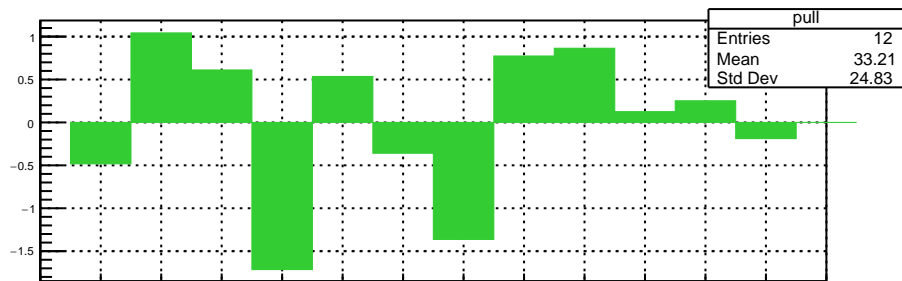
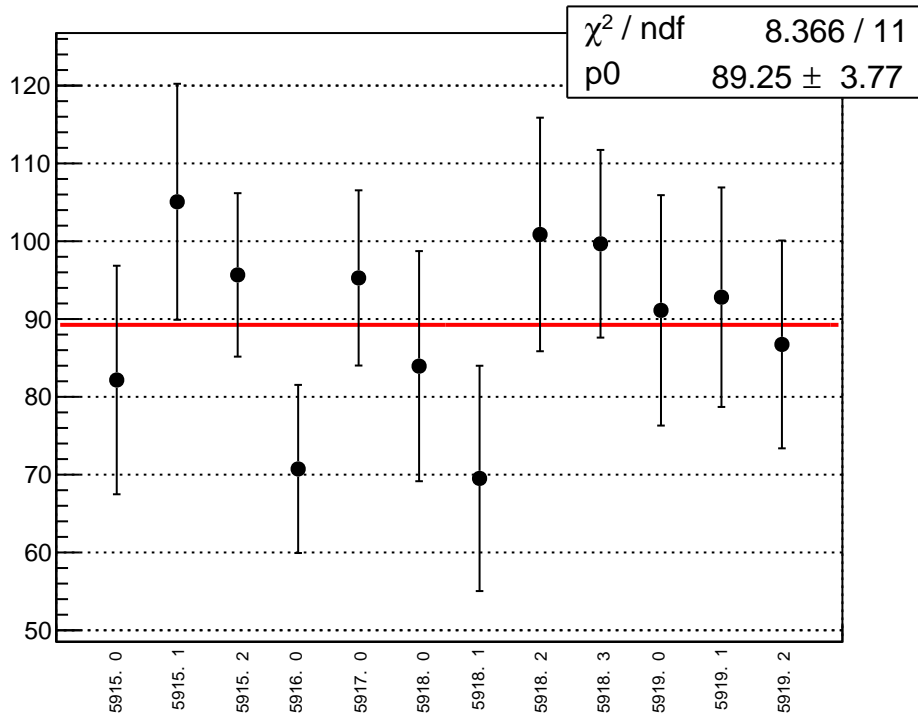
reg\_asym\_right\_dd\_diff\_bpm4aX\_slope vs run



reg\_asym\_right\_dd\_diff\_bpm4aY\_slope vs run

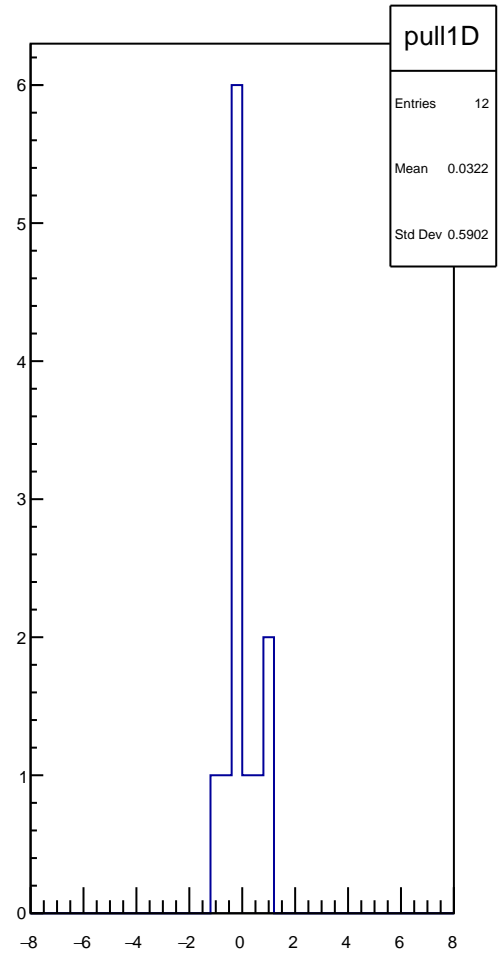
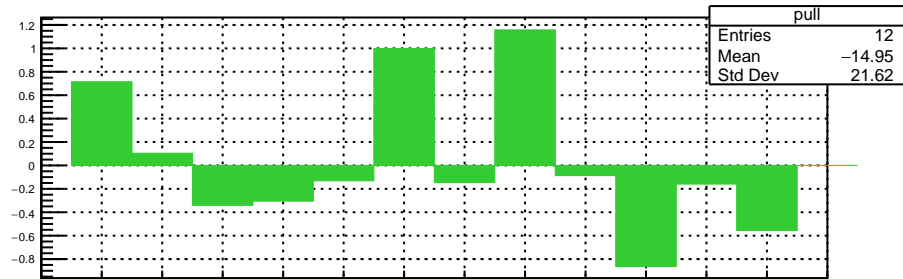
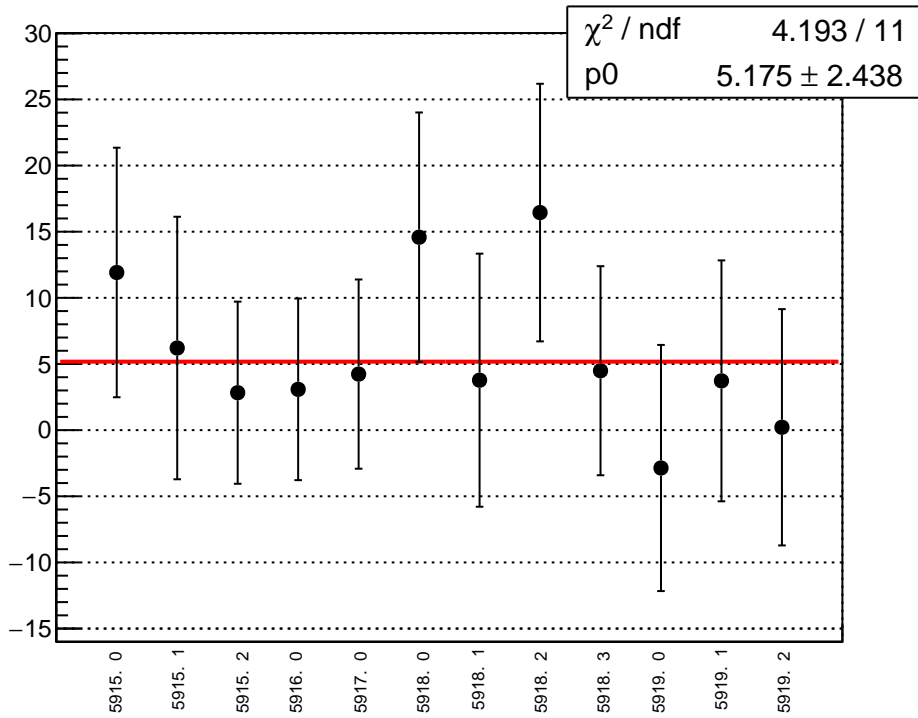


reg\_asym\_right\_dd\_diff\_bpm4eX\_slope vs run

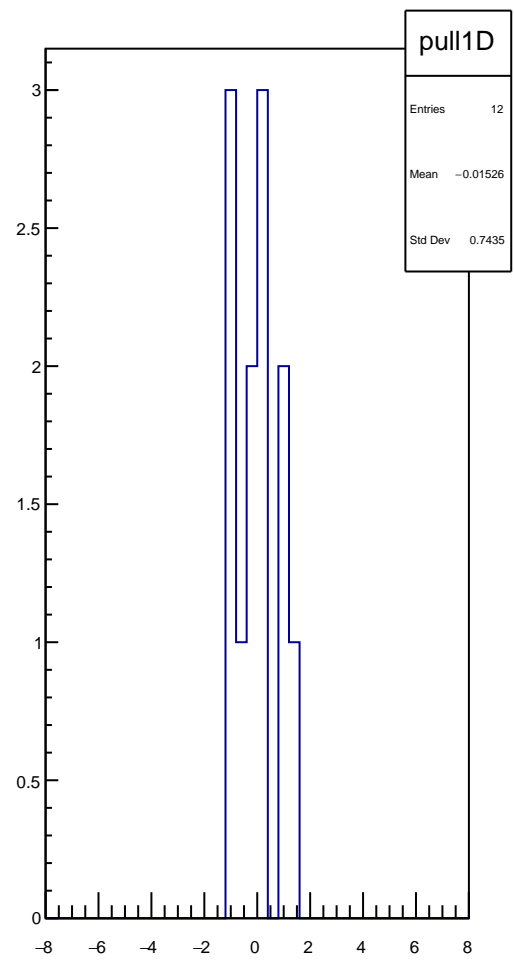
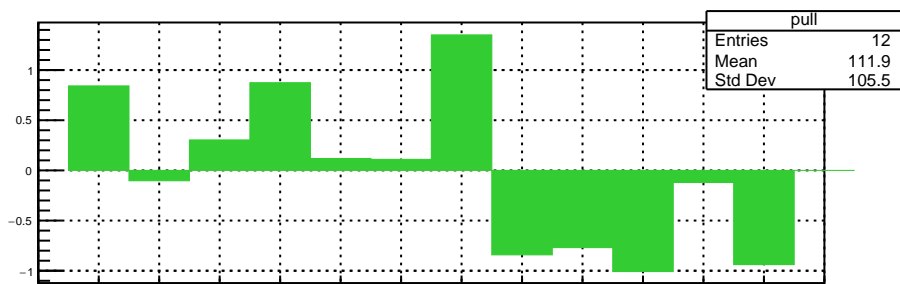
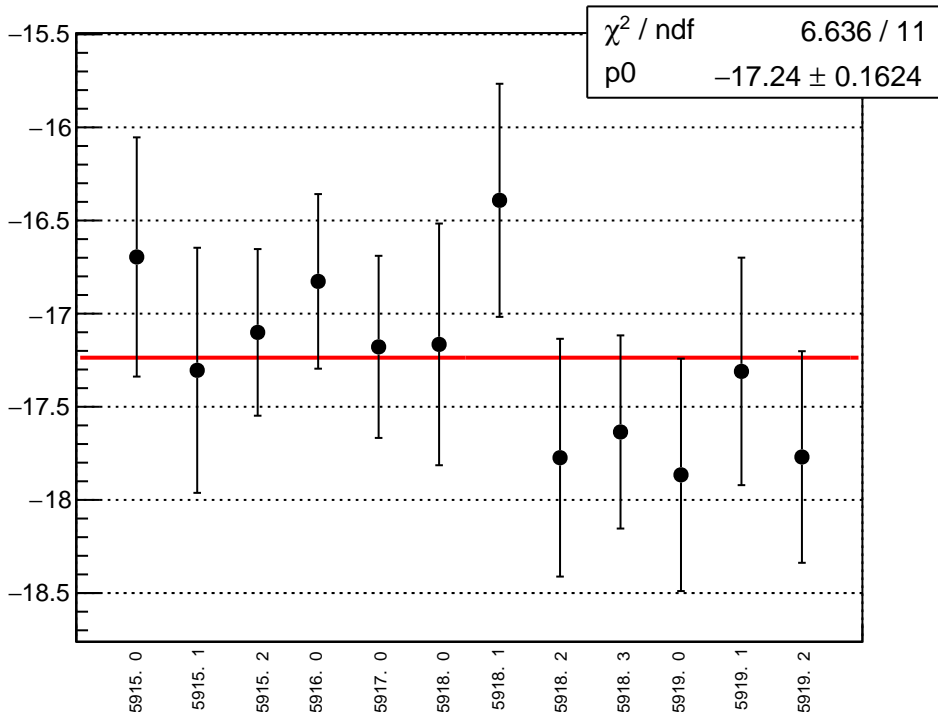




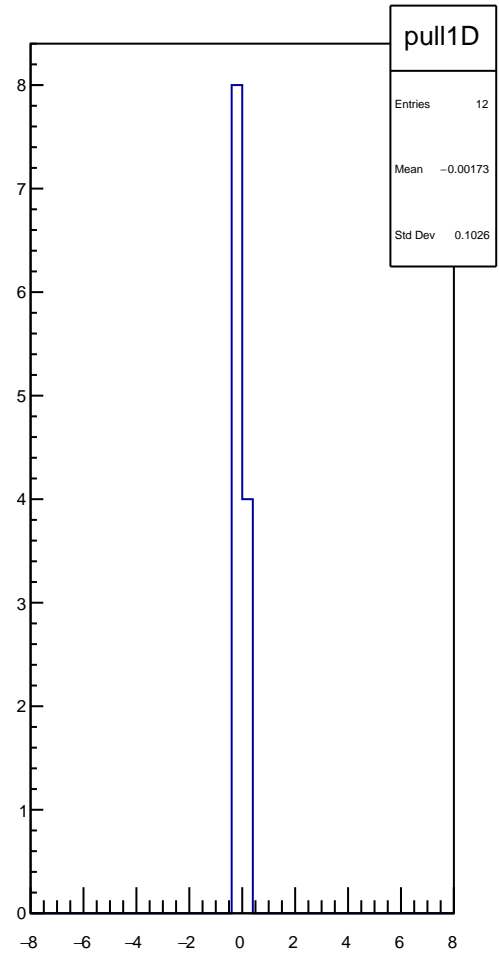
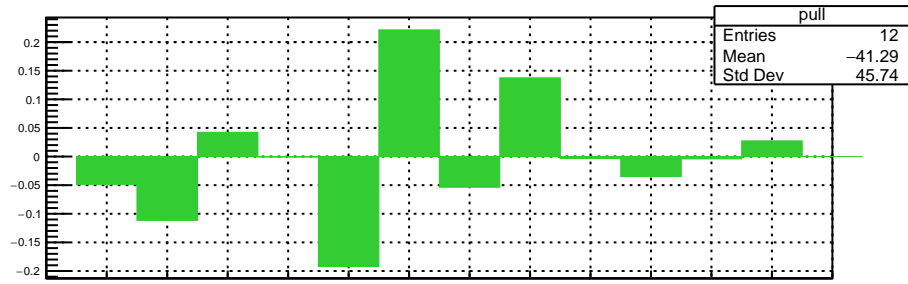
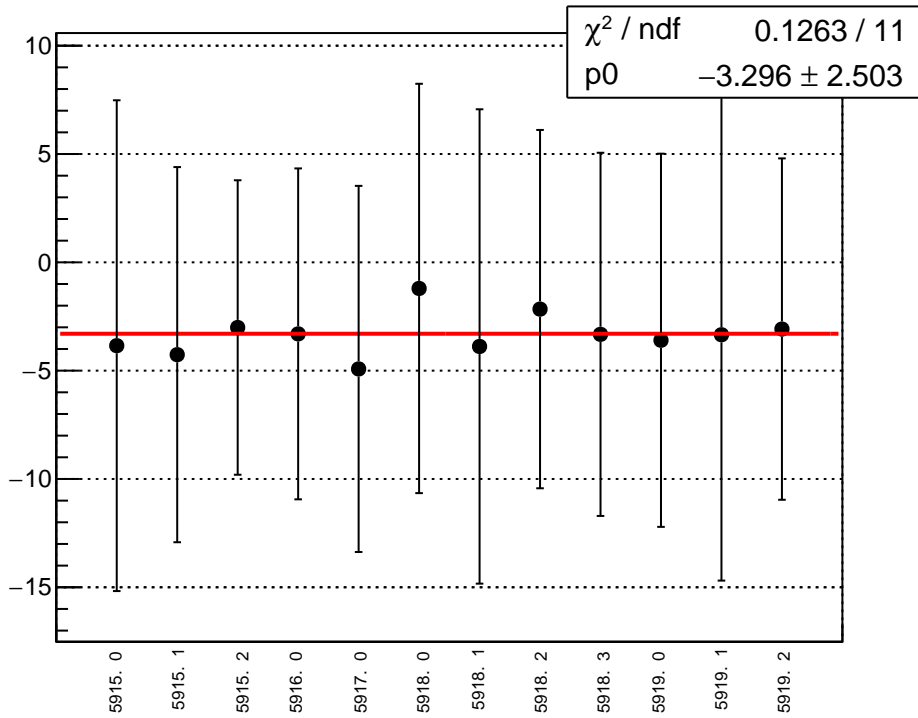
reg\_asym\_right\_dd\_diff\_bpm4eY\_slope vs run



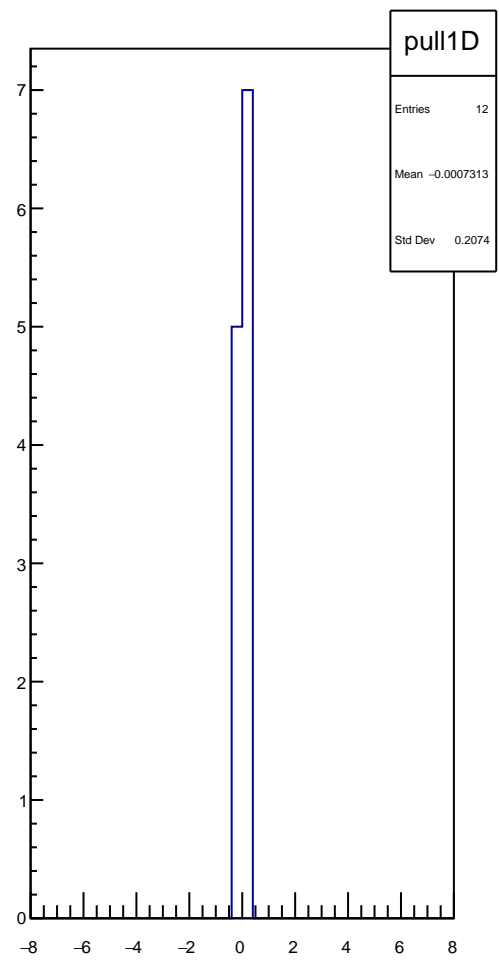
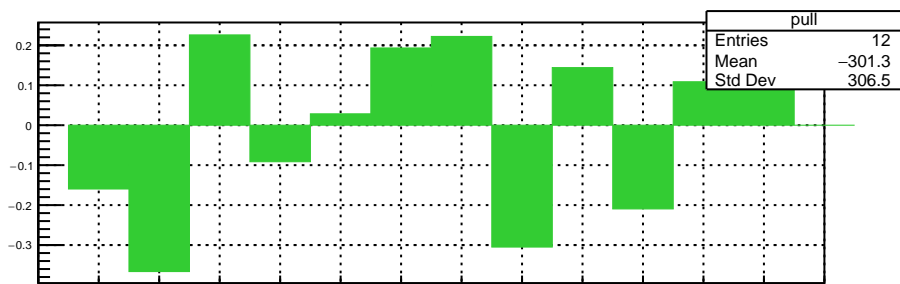
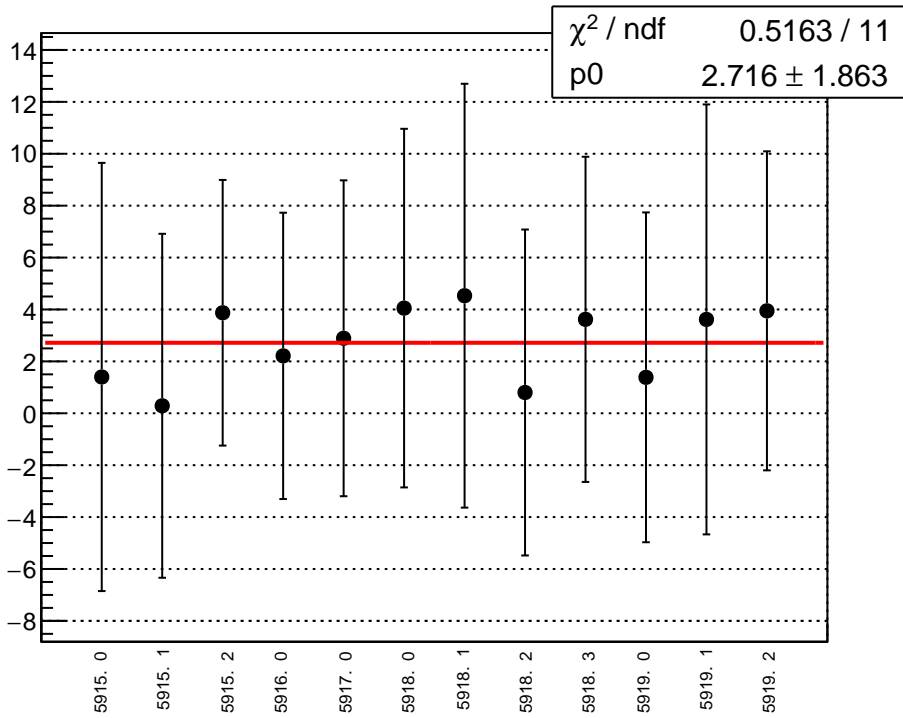
# reg\_asym\_right\_dd\_diff\_bpm12X\_slope vs run



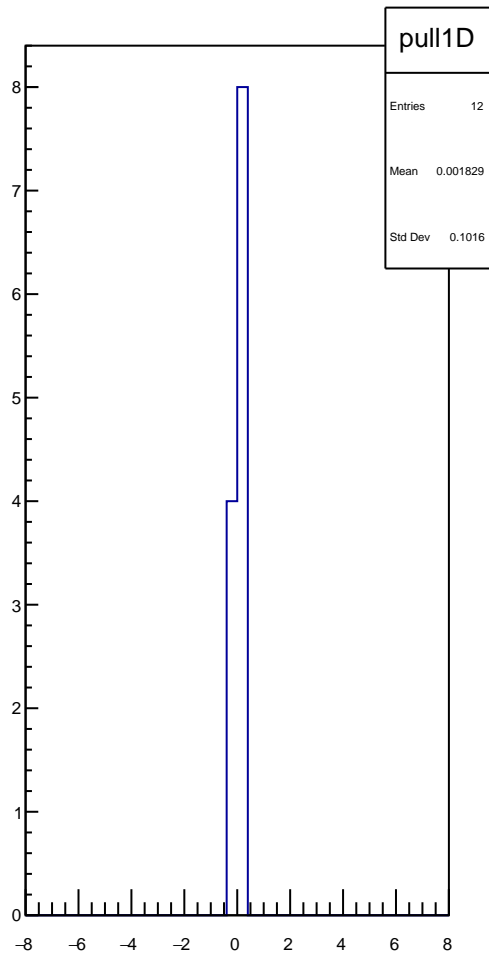
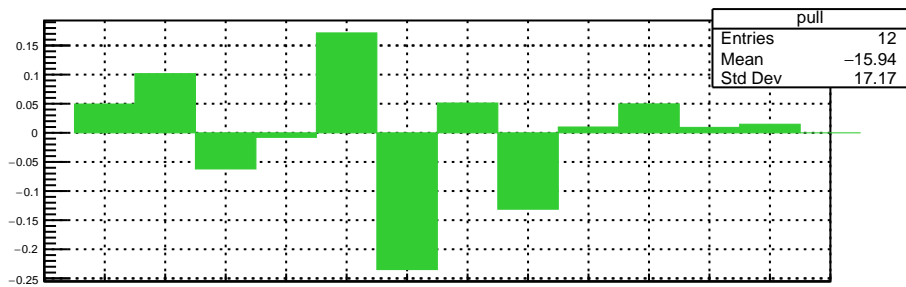
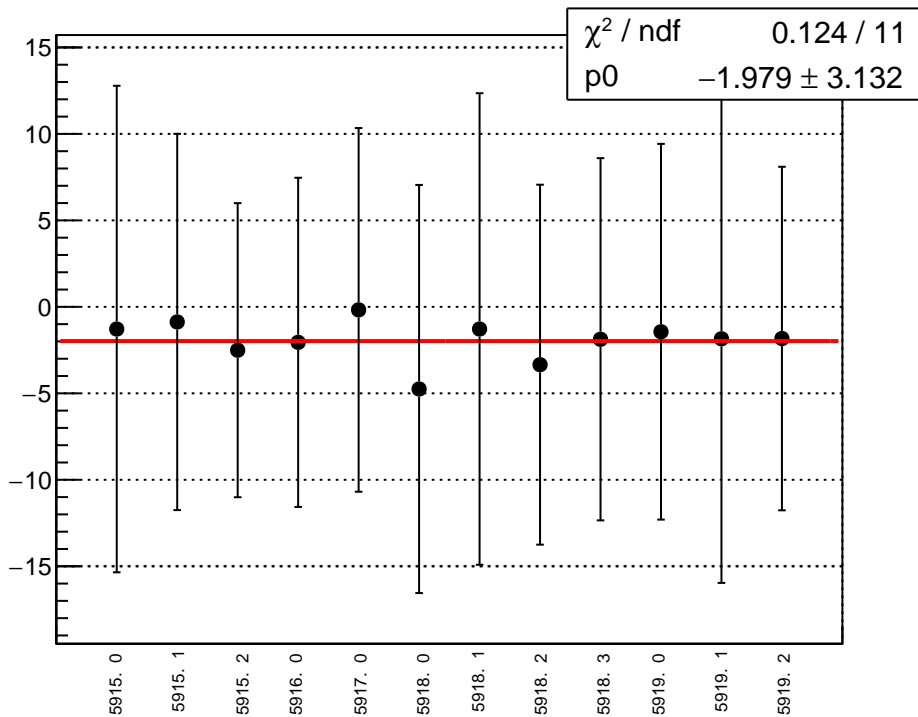
reg\_asym\_sam\_15\_avg\_diff\_bpm4aX\_slope vs run



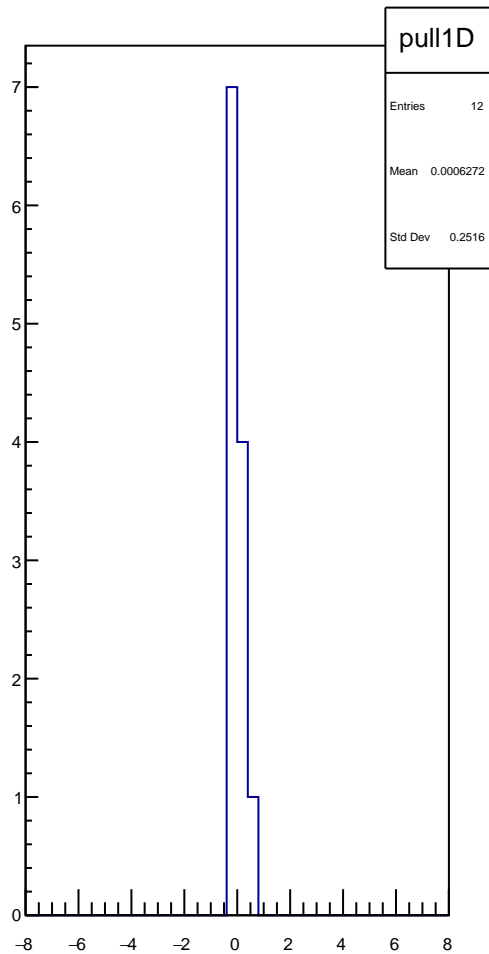
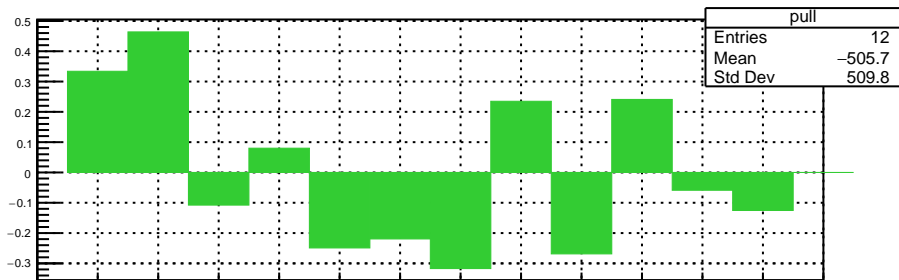
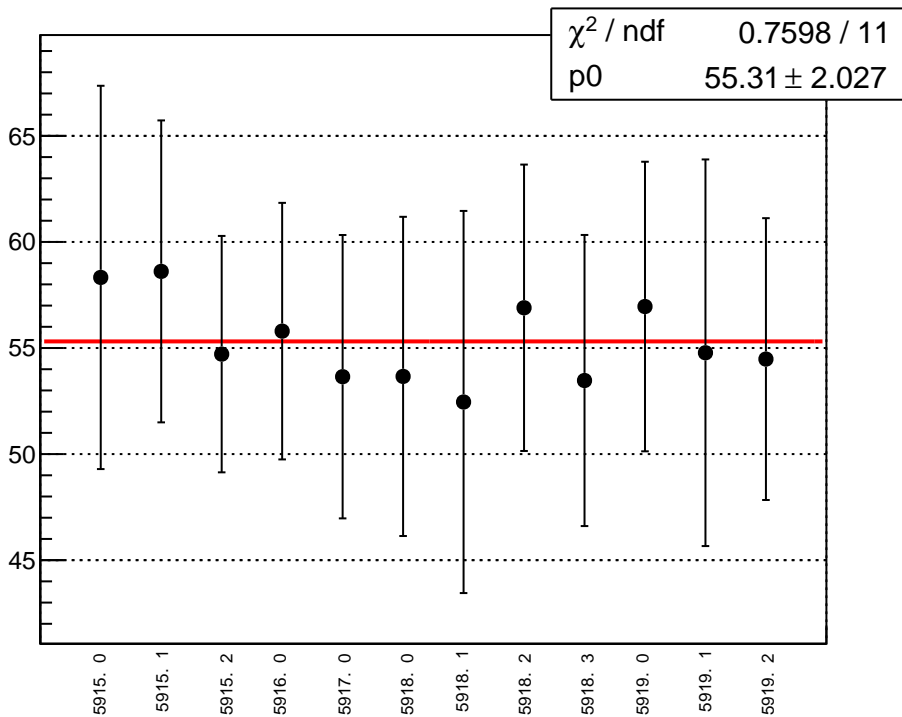
reg\_asym\_sam\_15\_avg\_diff\_bpm4aY\_slope vs run



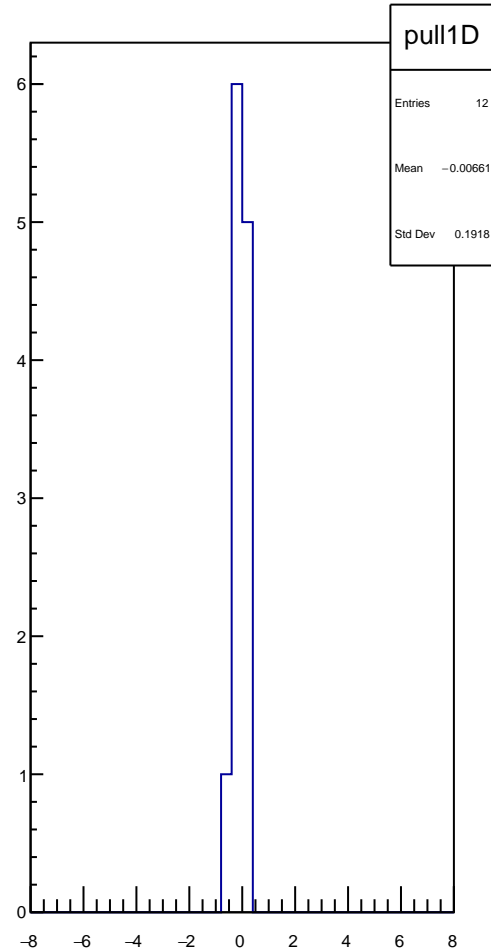
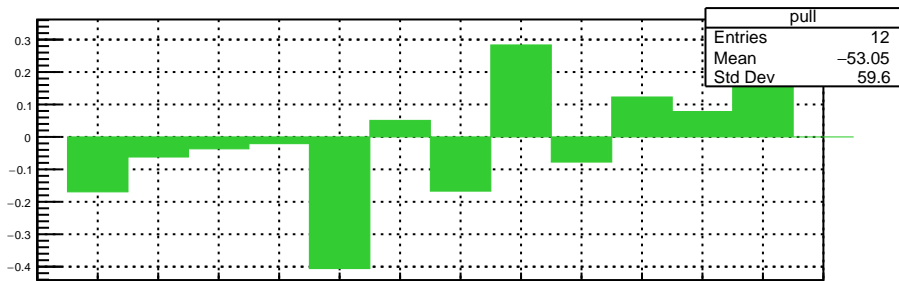
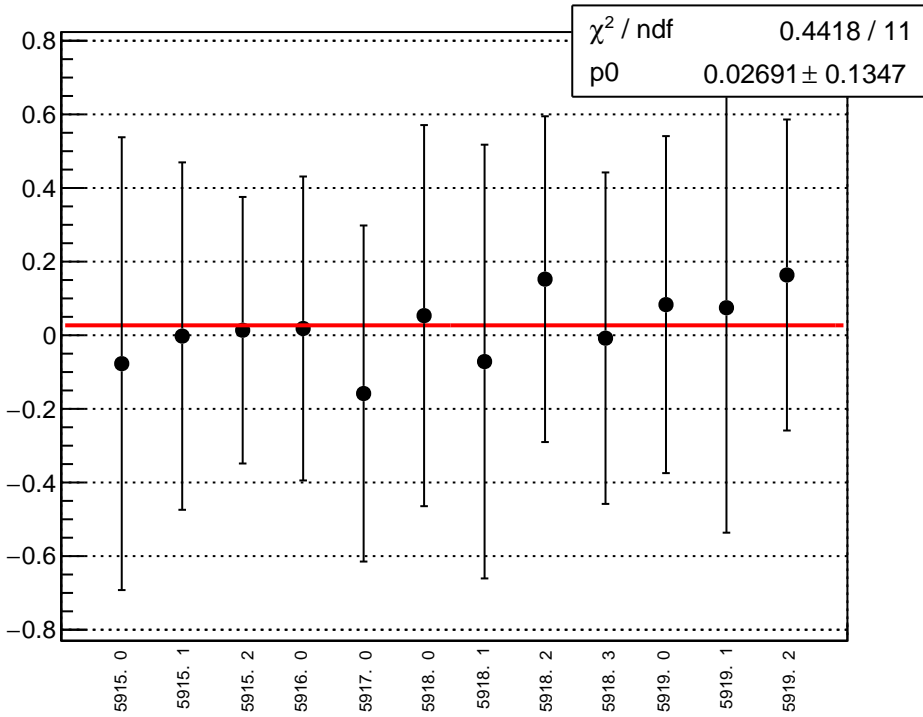
reg\_asym\_sam\_15\_avg\_diff\_bpm4eX\_slope vs run



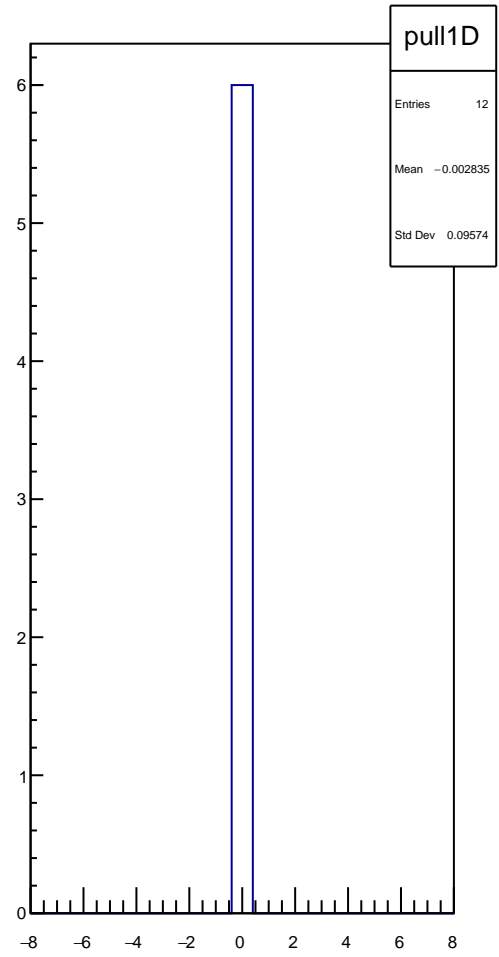
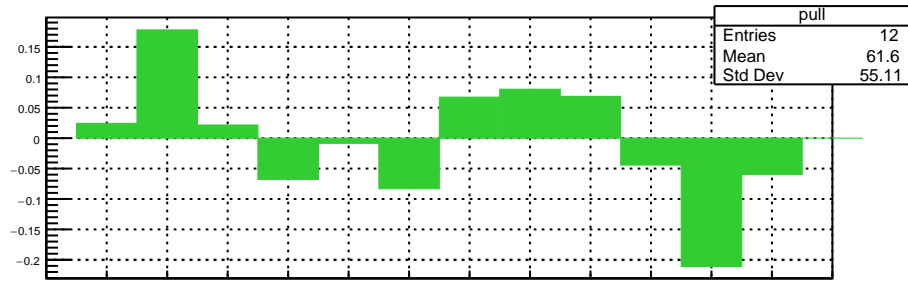
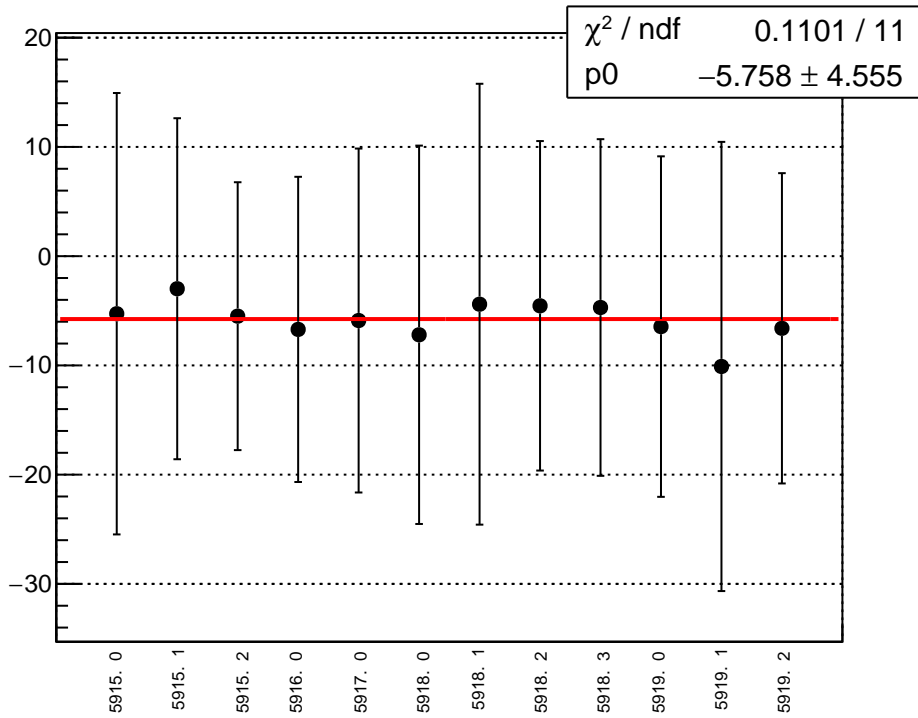
reg\_asym\_sam\_15\_avg\_diff\_bpm4eY\_slope vs run



reg\_asym\_sam\_15\_avg\_diff\_bpm12X\_slope vs run

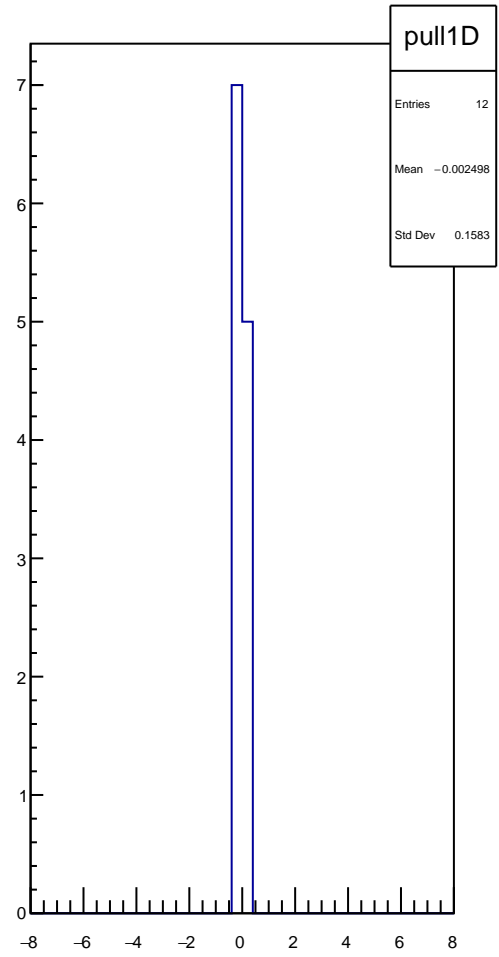
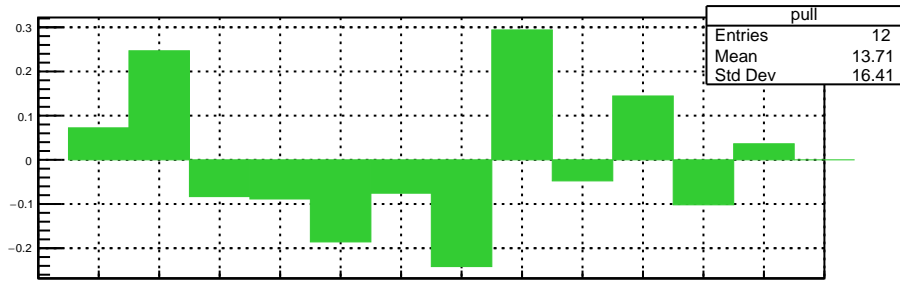
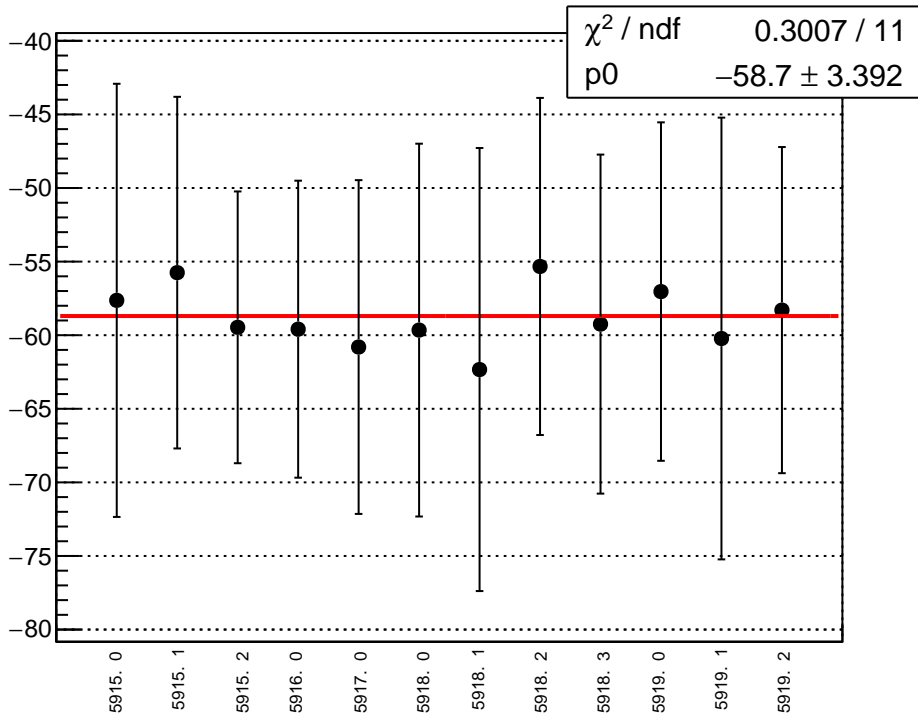


reg\_asym\_sam\_15\_dd\_diff\_bpm4aX\_slope vs run

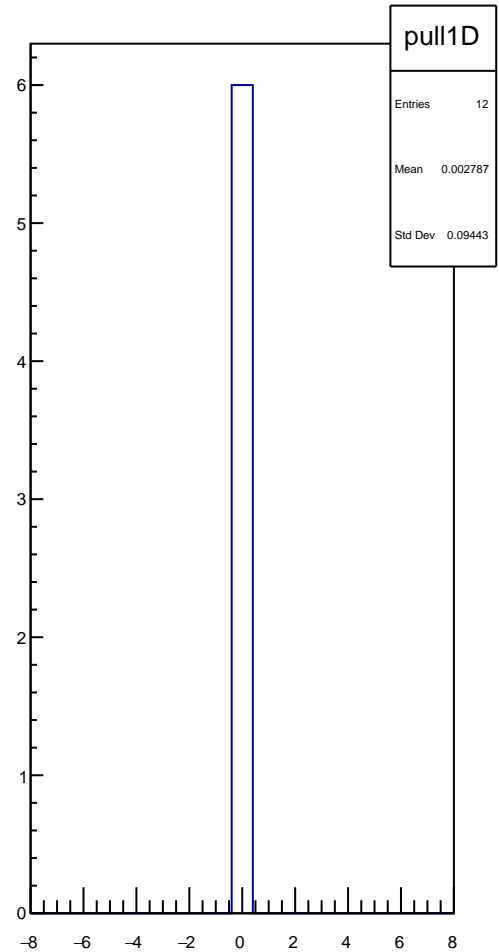
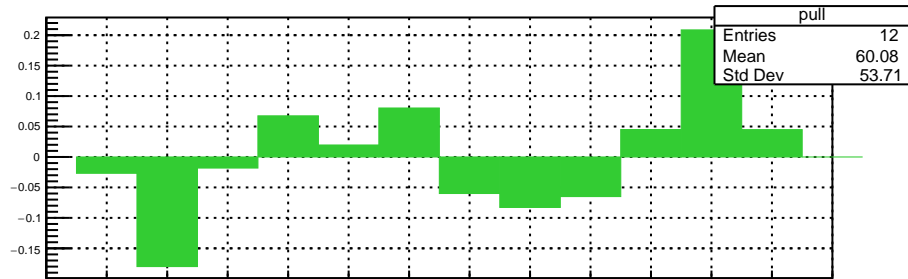
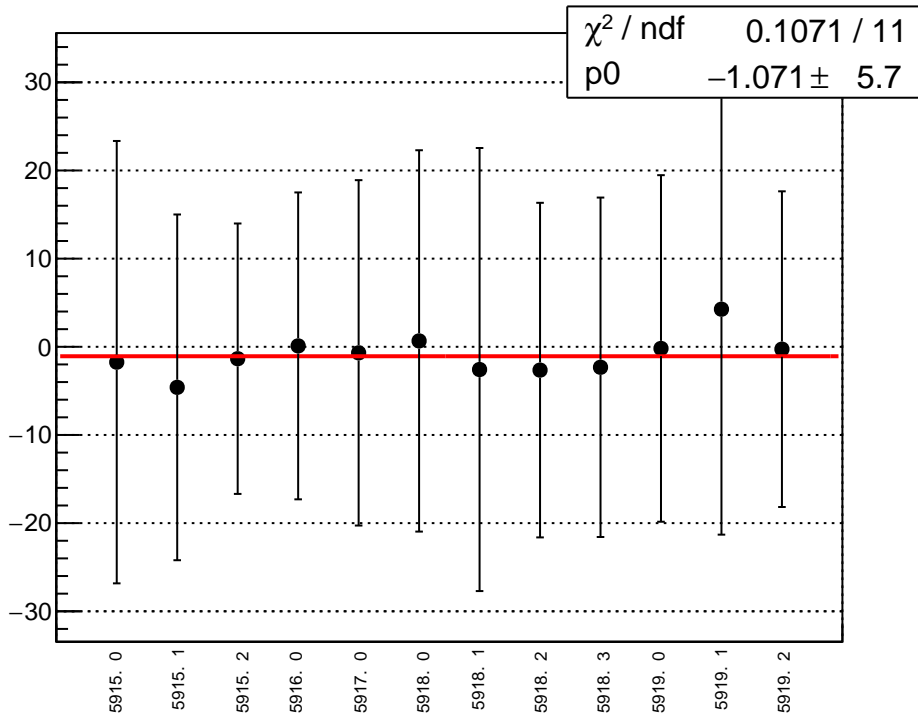




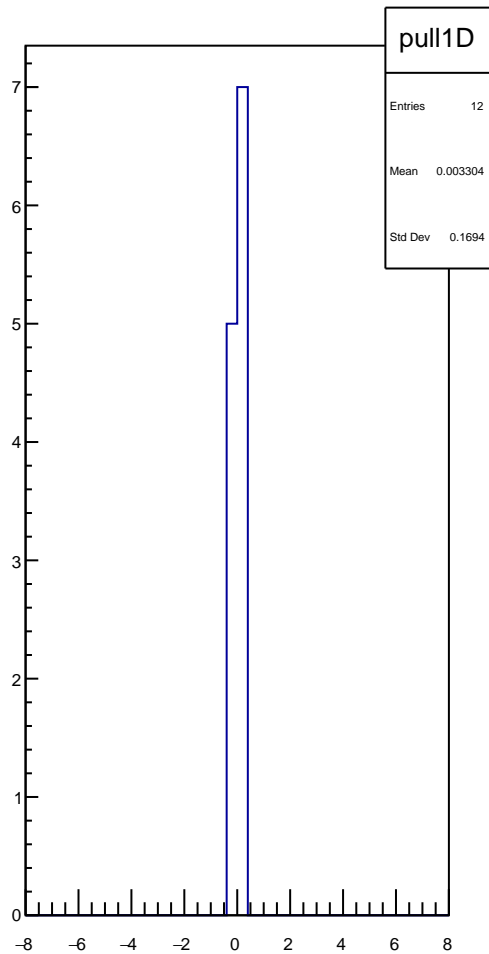
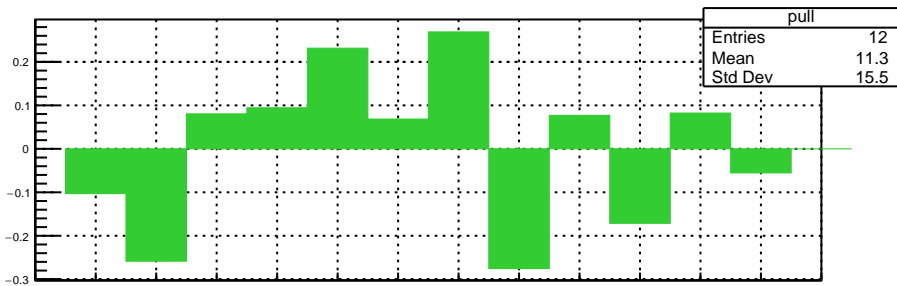
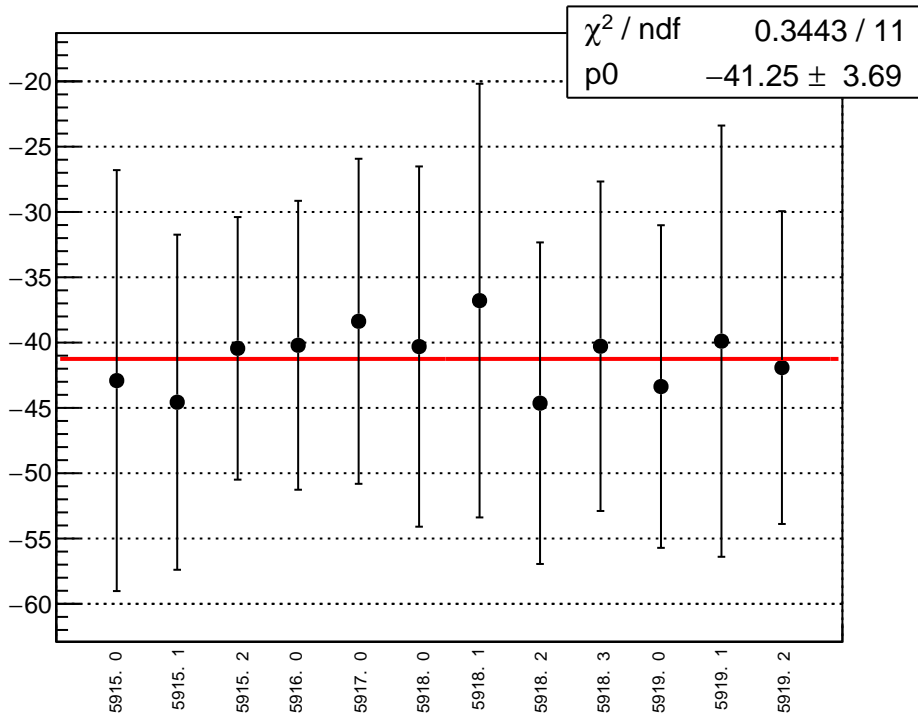
reg\_asym\_sam\_15\_dd\_diff\_bpm4aY\_slope vs run



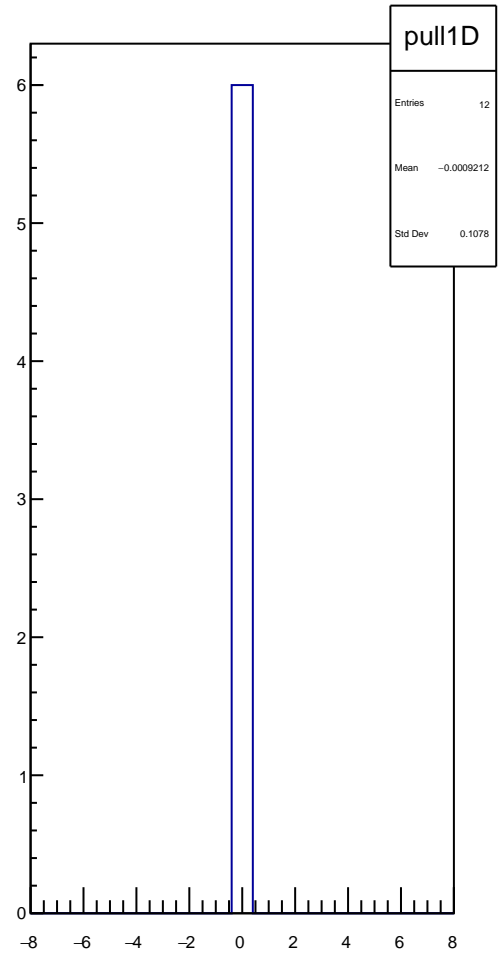
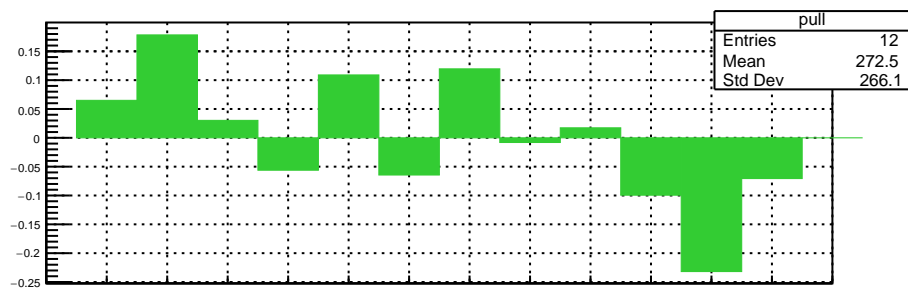
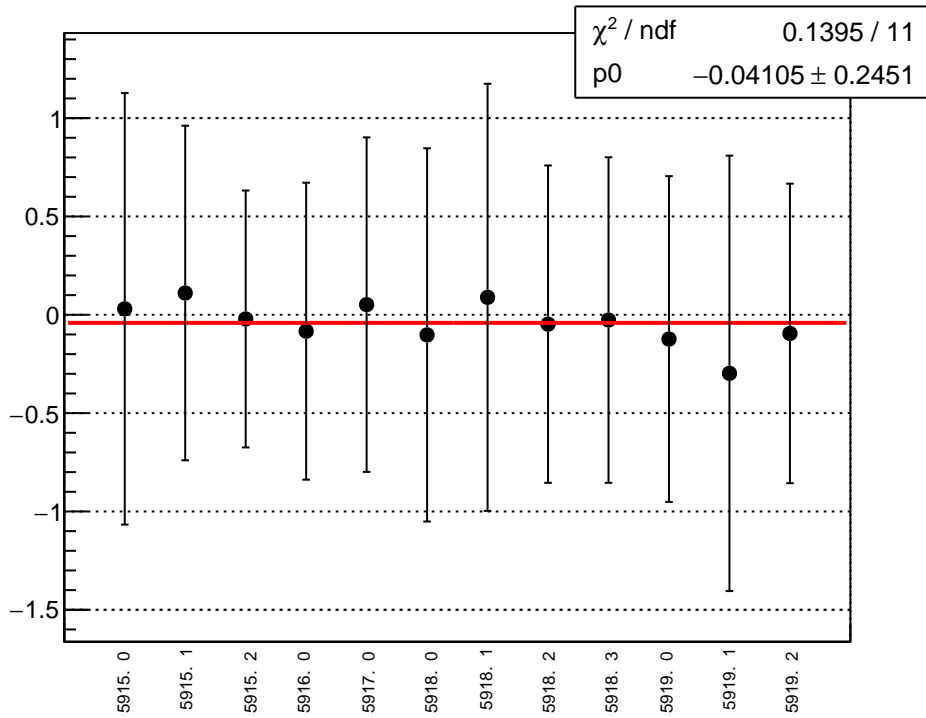
reg\_asym\_sam\_15\_dd\_diff\_bpm4eX\_slope vs run



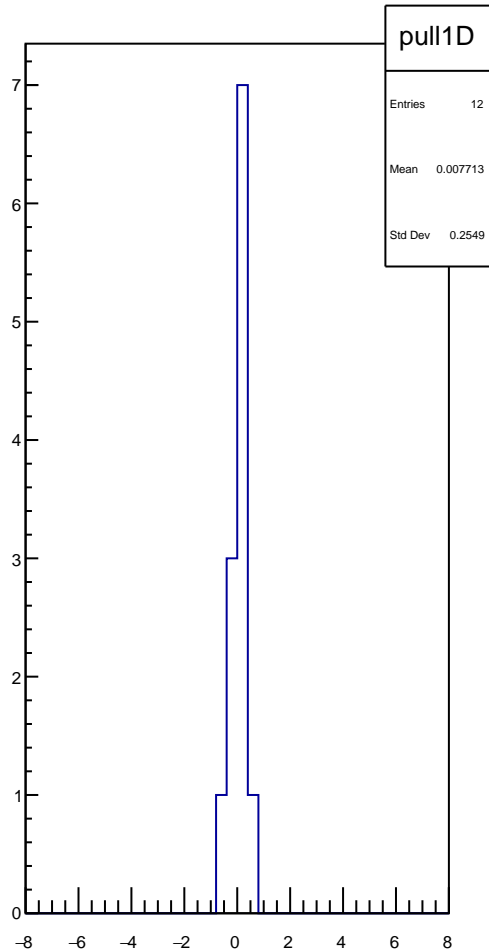
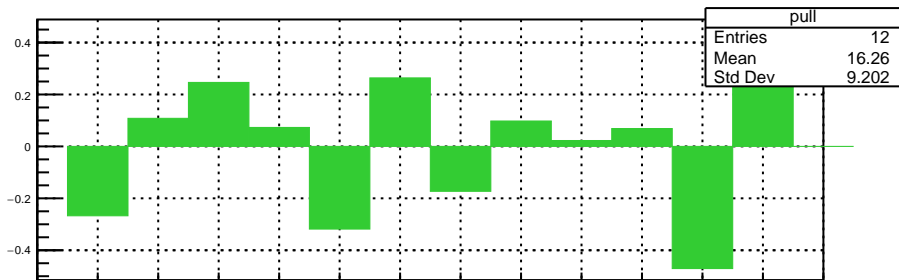
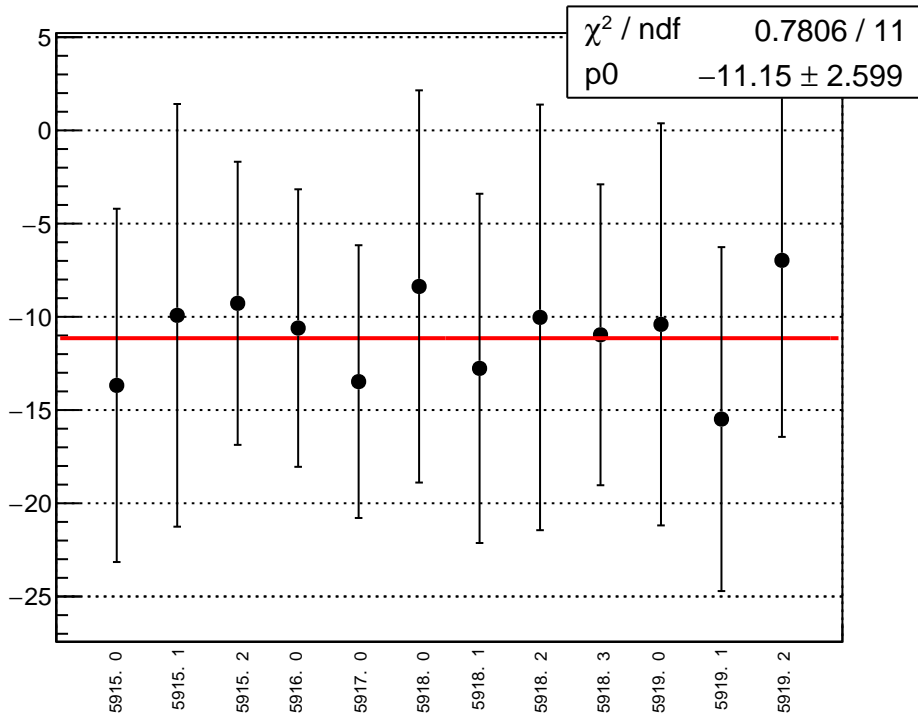
reg\_asym\_sam\_15\_dd\_diff\_bpm4eY\_slope vs run



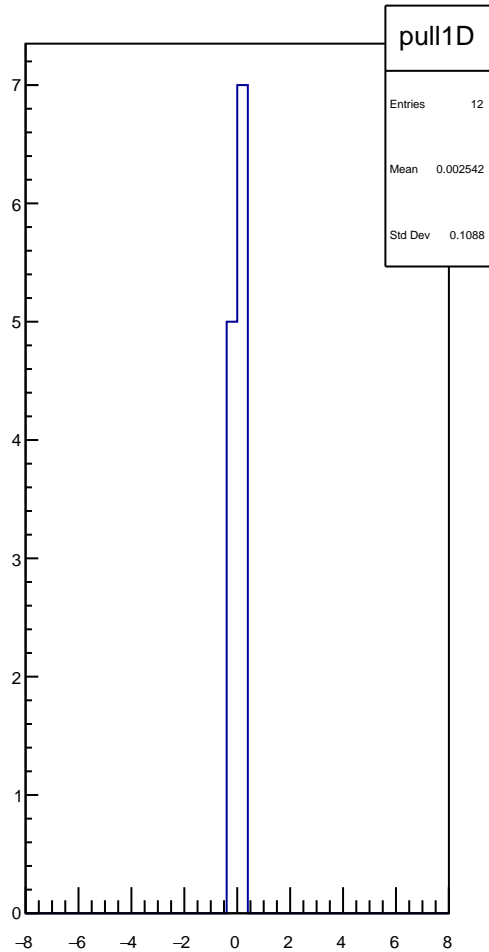
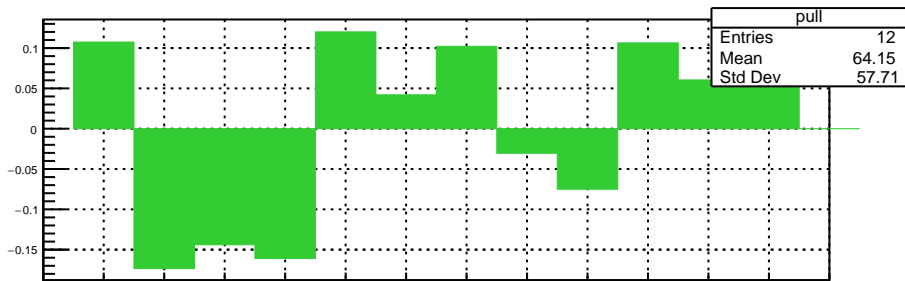
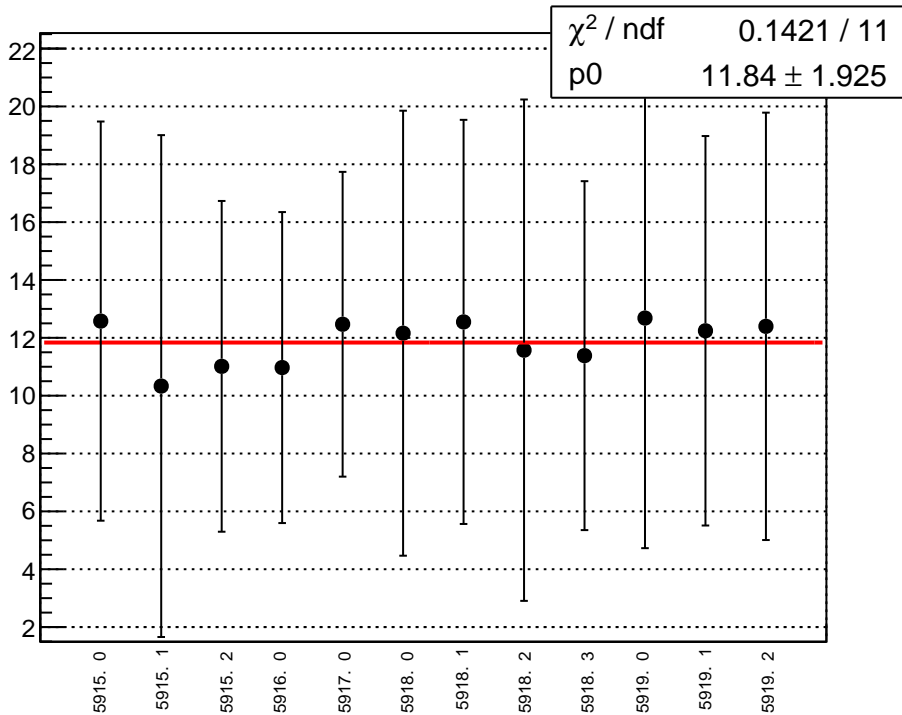
reg\_asym\_sam\_15\_dd\_diff\_bpm12X\_slope vs run



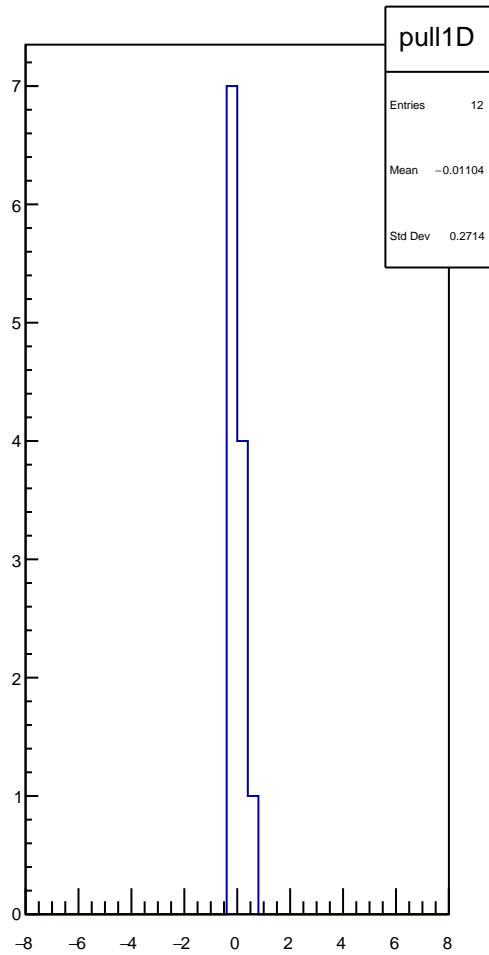
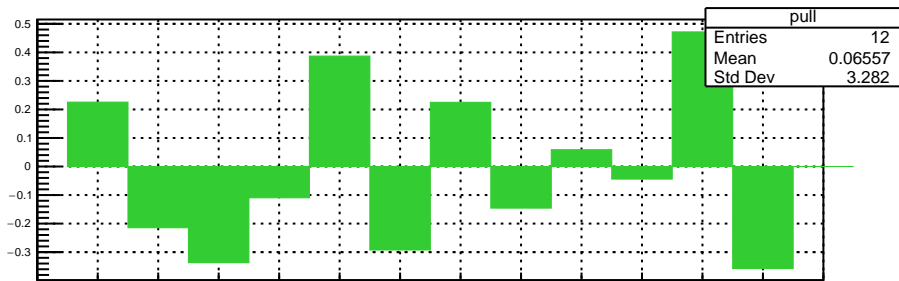
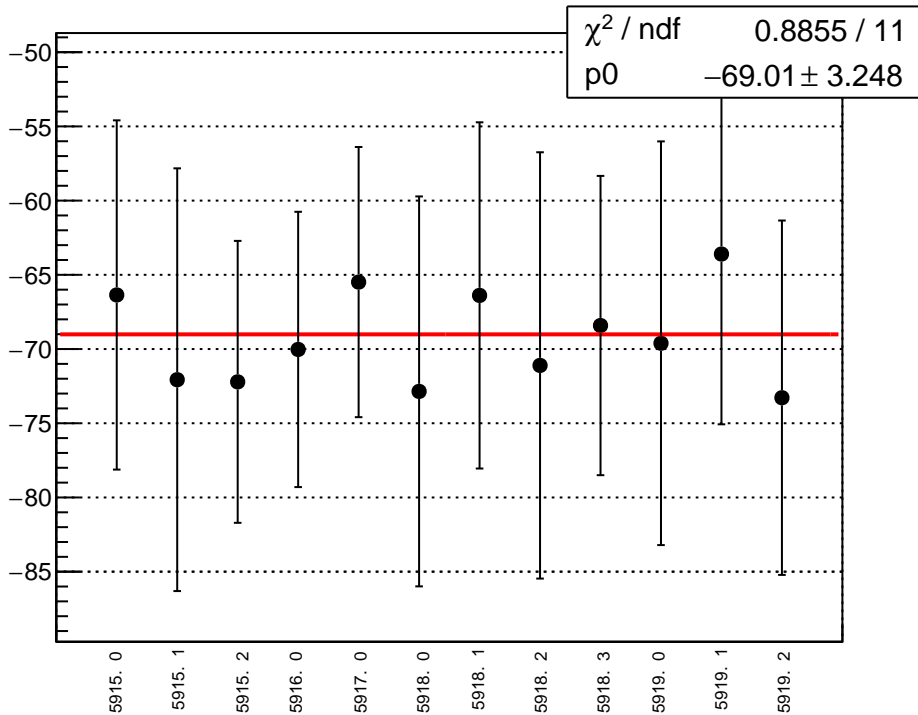
reg\_asym\_sam\_37\_avg\_diff\_bpm4aX\_slope vs run



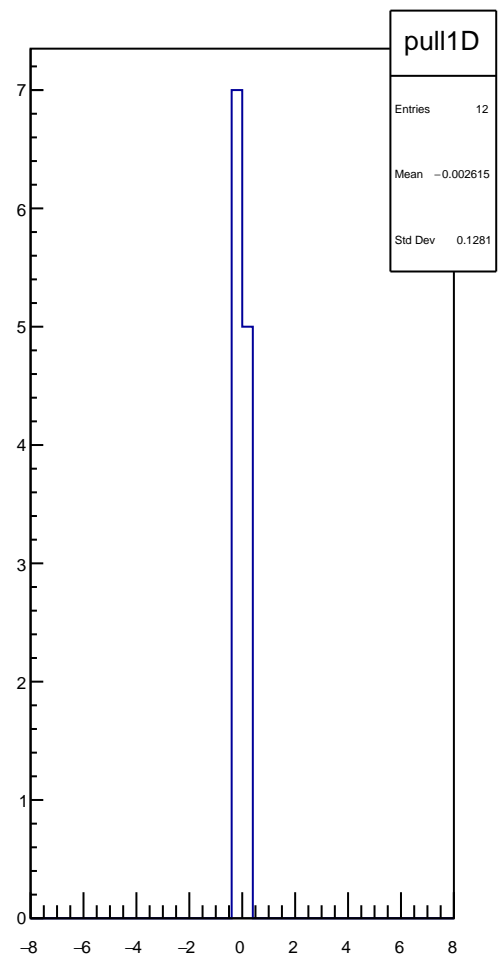
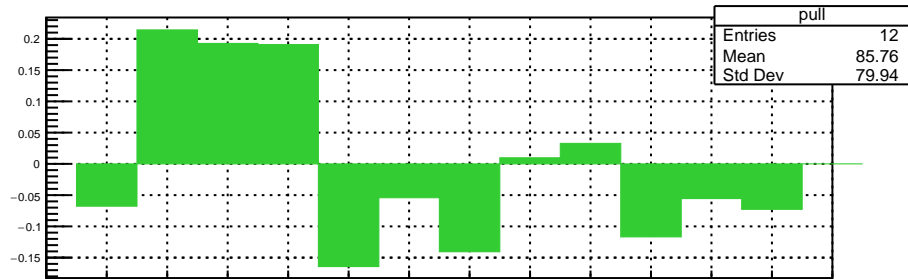
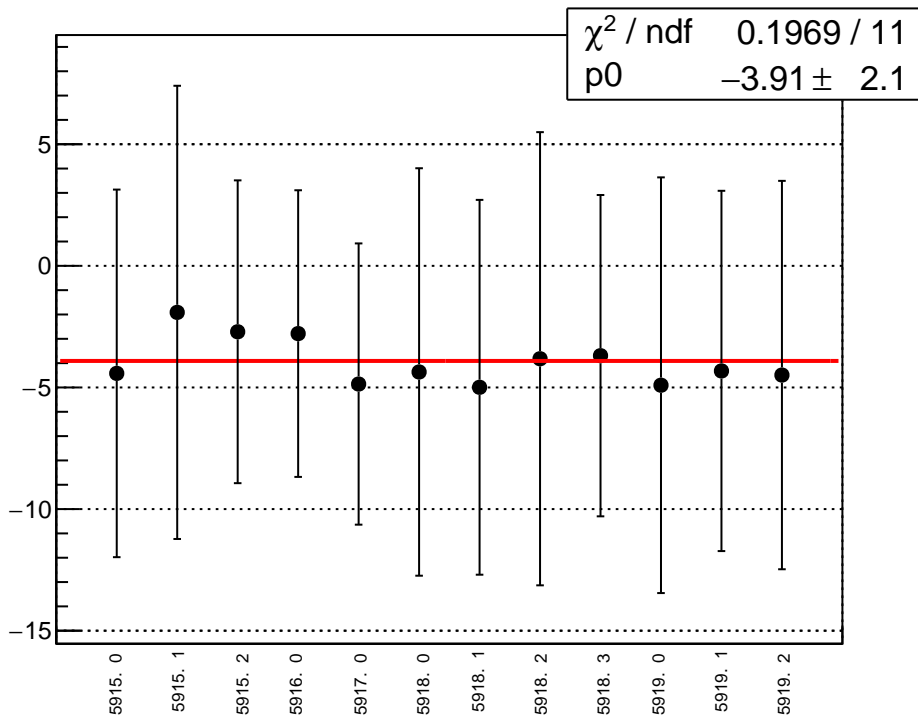
reg\_asym\_sam\_37\_avg\_diff\_bpm4aY\_slope vs run



reg\_asym\_sam\_37\_avg\_diff\_bpm4eX\_slope vs run

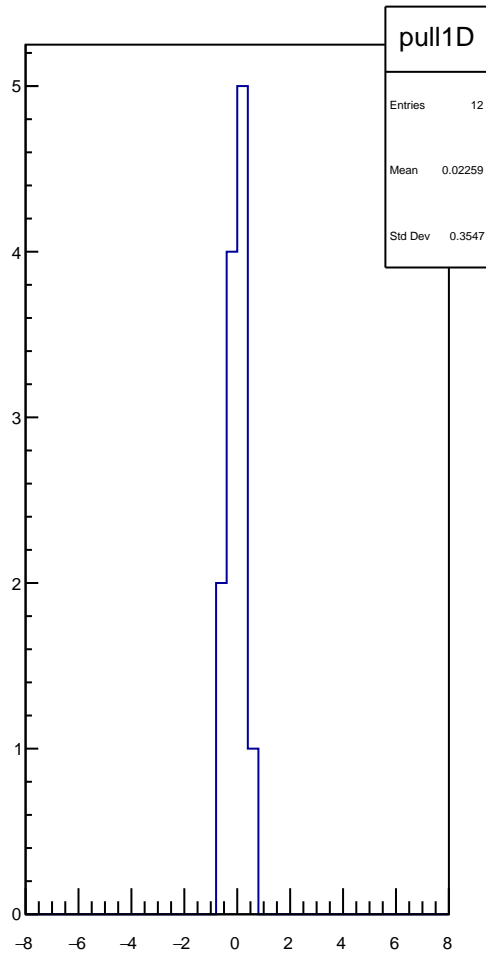
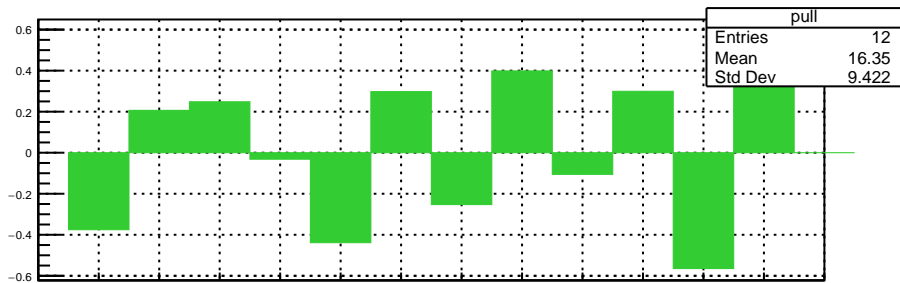
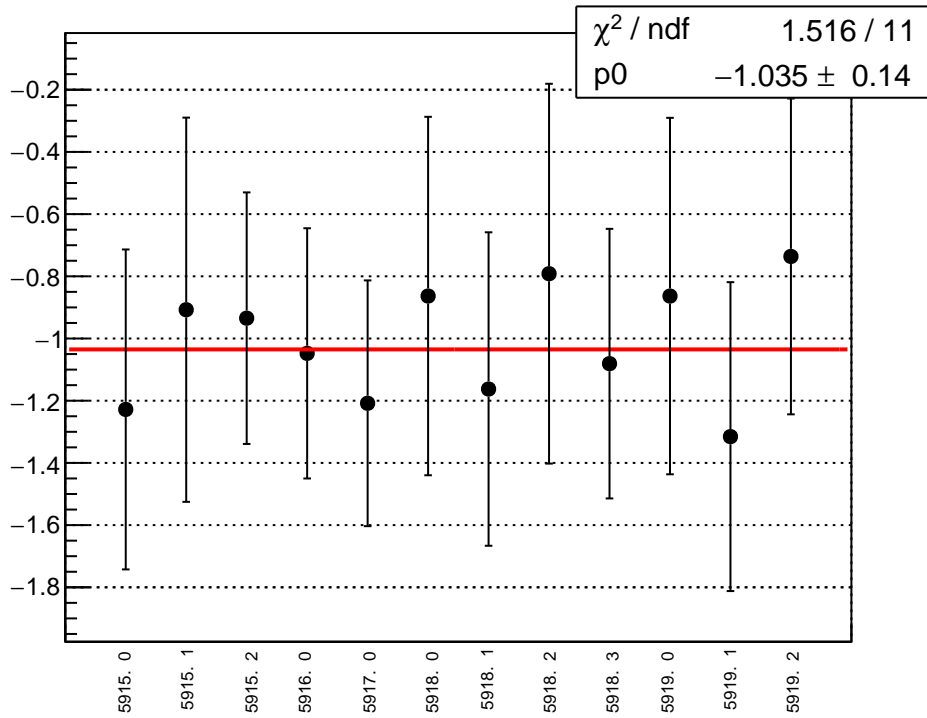


reg\_asym\_sam\_37\_avg\_diff\_bpm4eY\_slope vs run

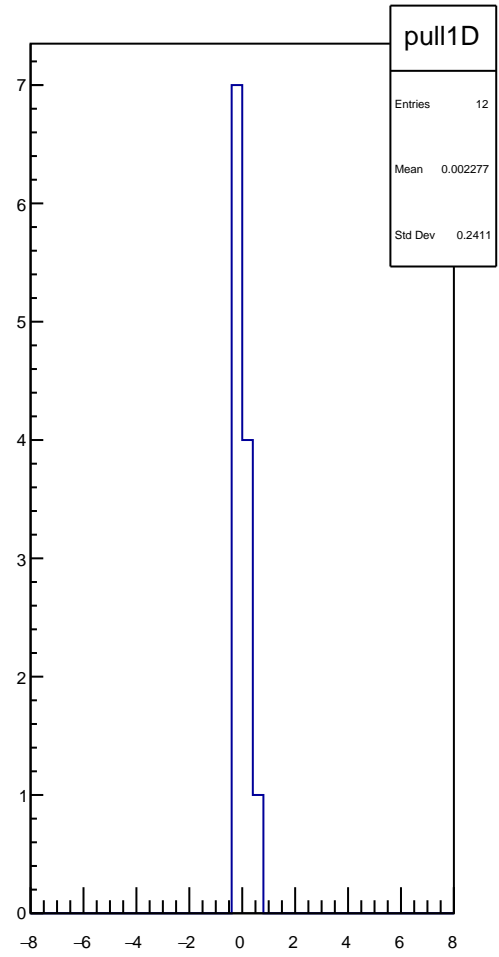
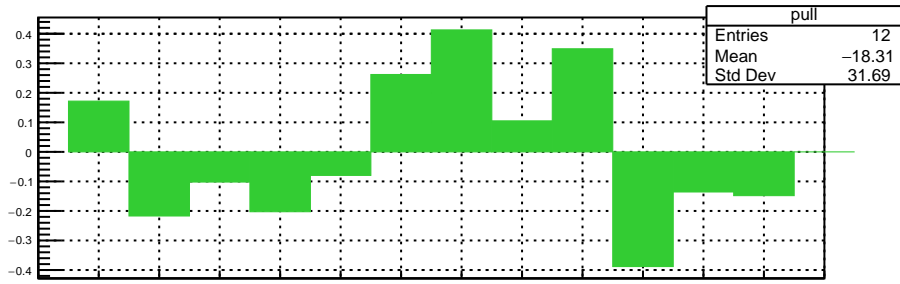
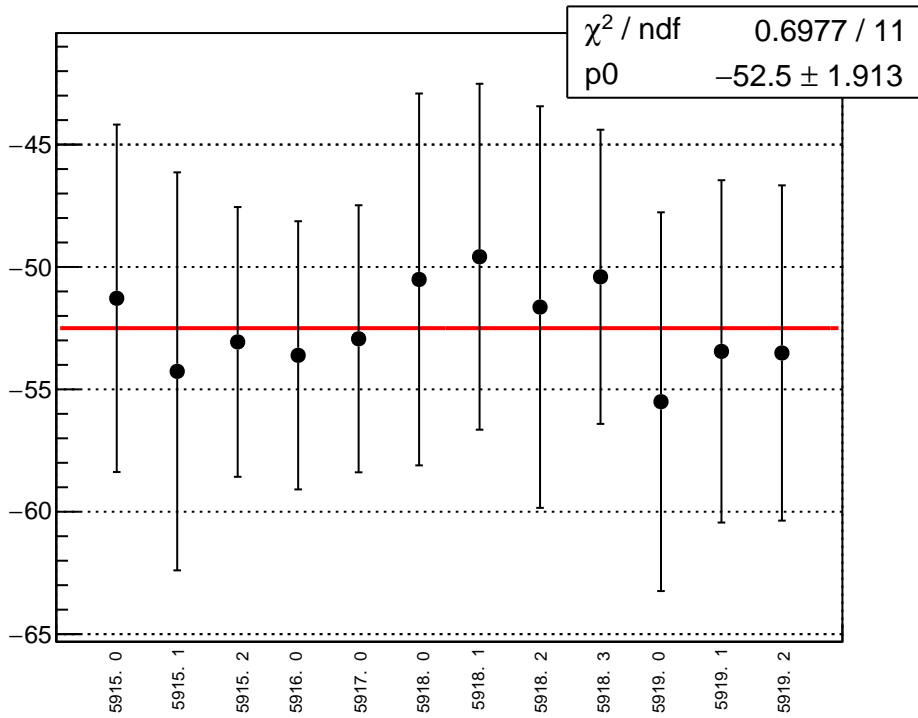




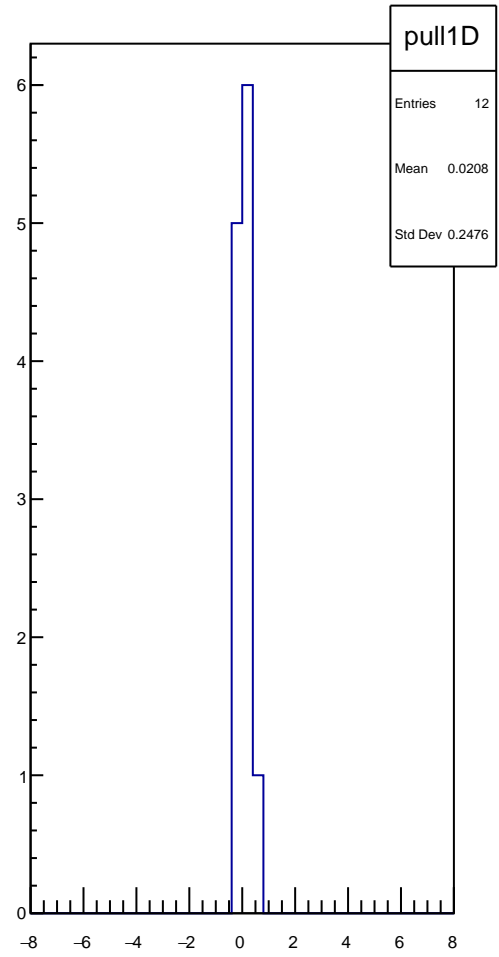
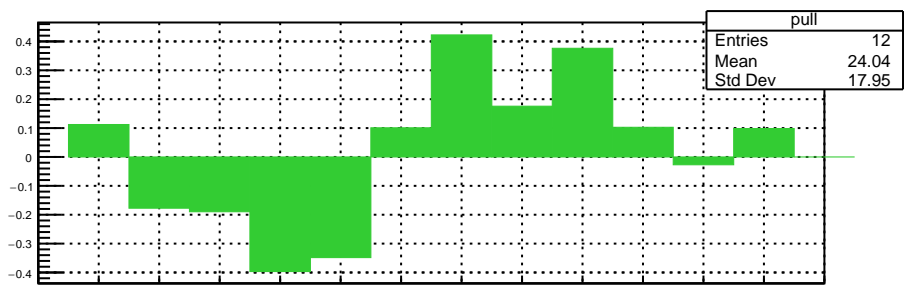
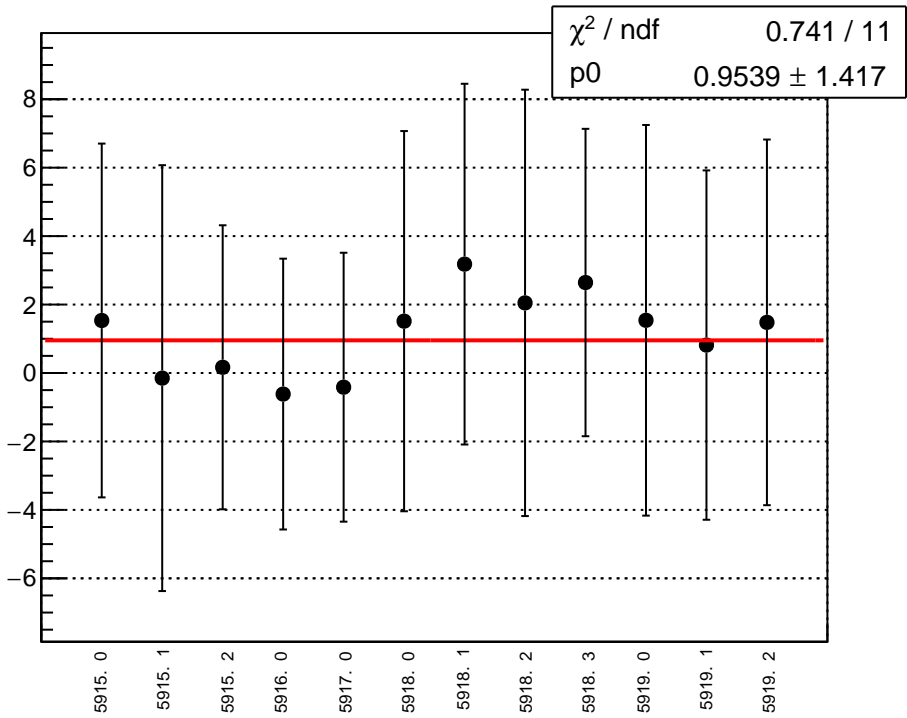
reg\_asym\_sam\_37\_avg\_diff\_bpm12X\_slope vs run



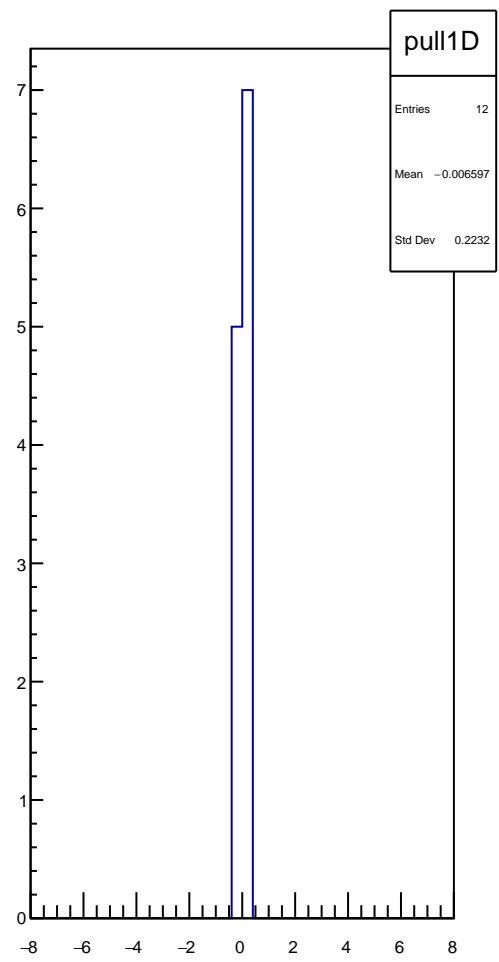
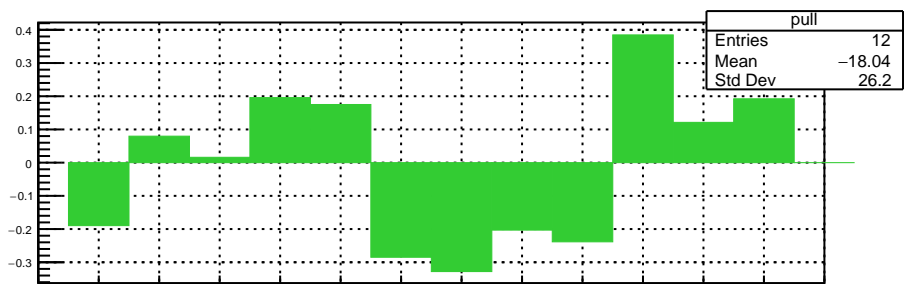
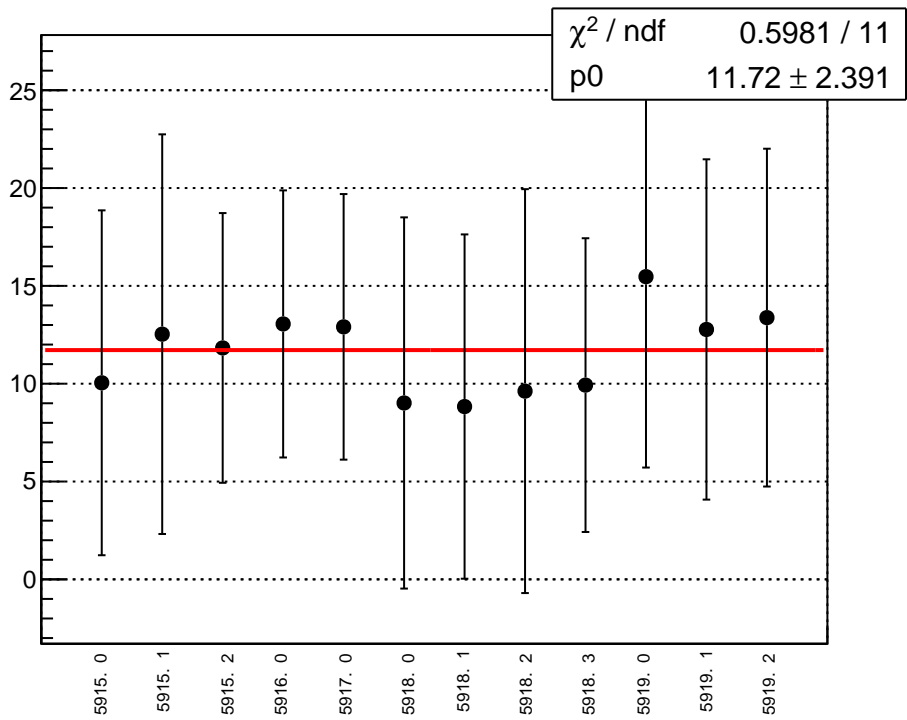
reg\_asym\_sam\_37\_dd\_diff\_bpm4aX\_slope vs run



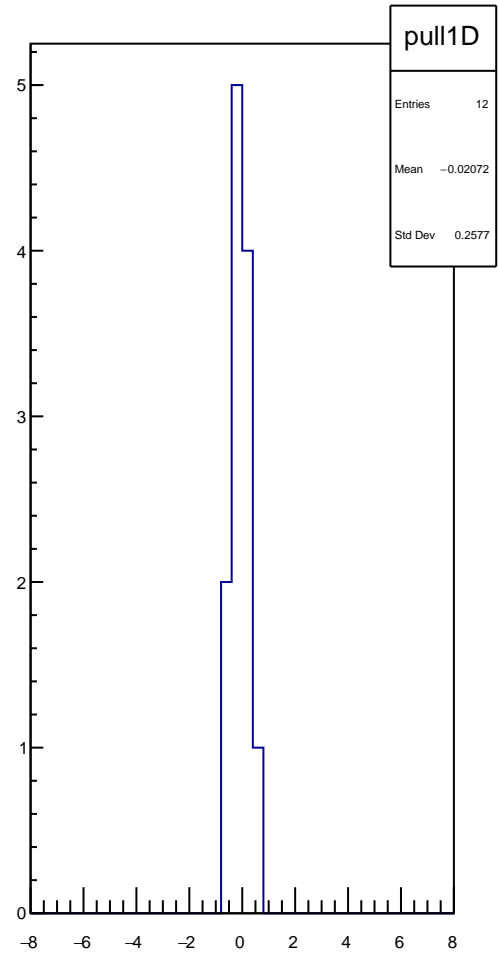
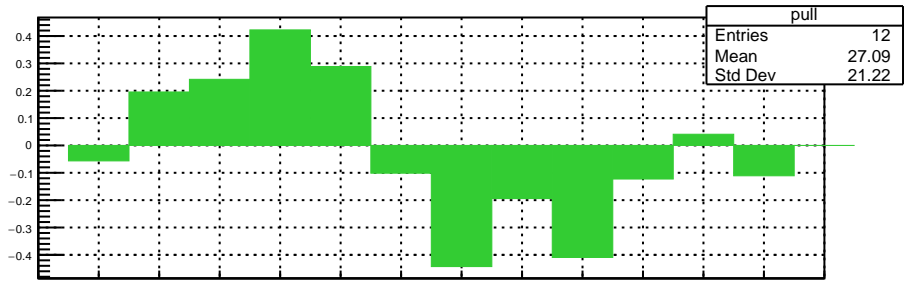
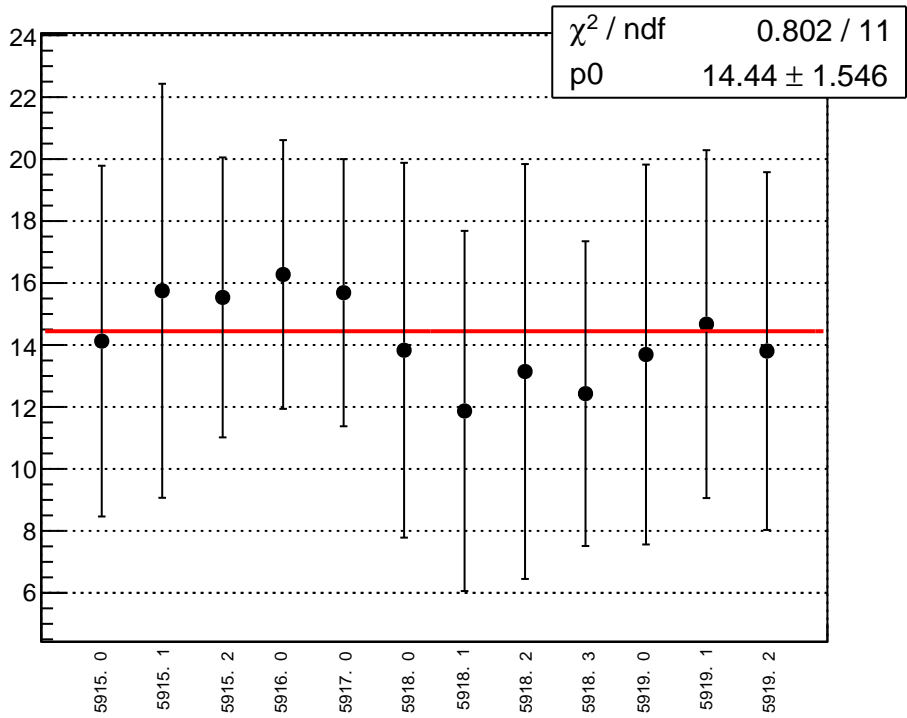
reg\_asym\_sam\_37\_dd\_diff\_bpm4aY\_slope vs run



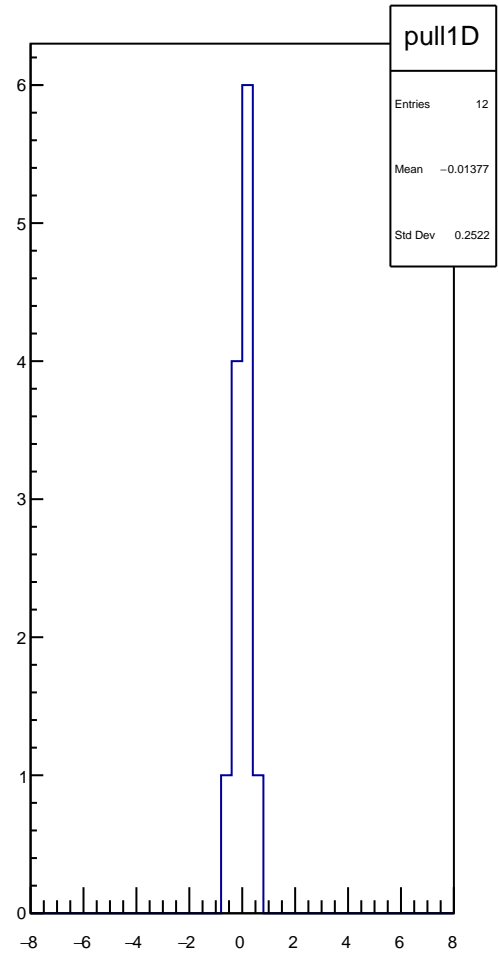
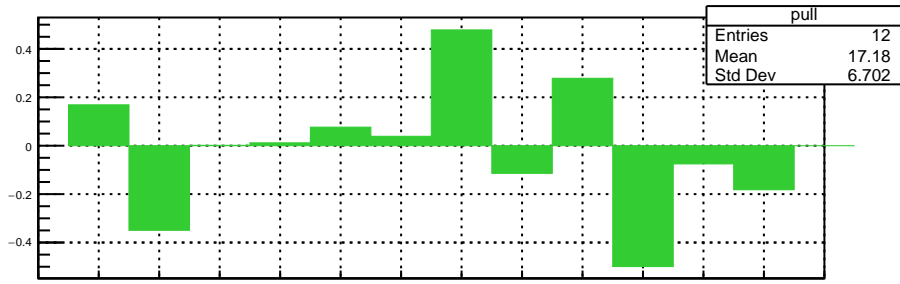
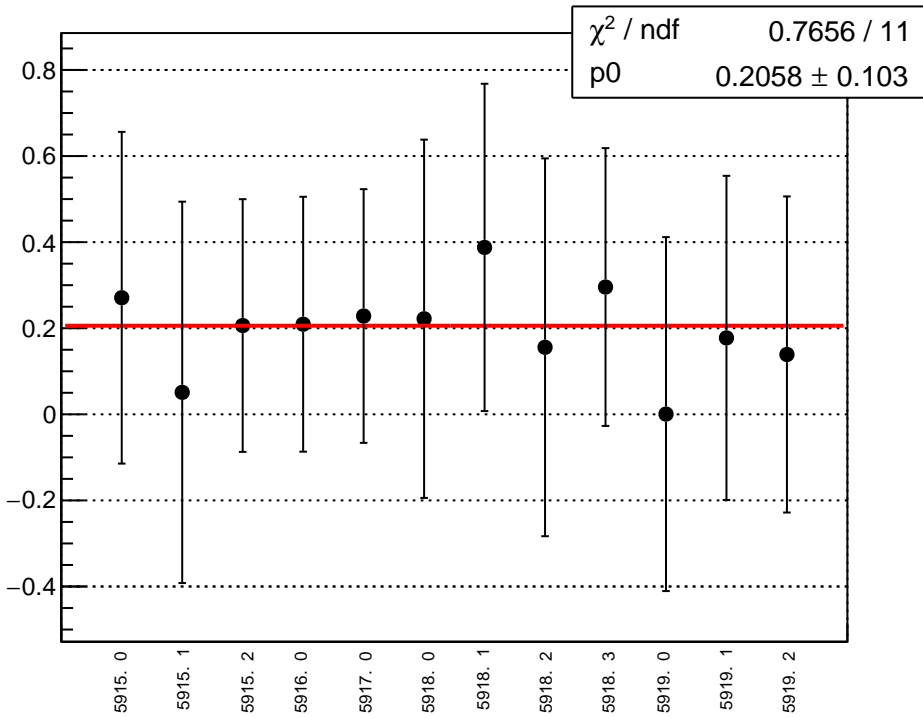
reg\_asym\_sam\_37\_dd\_diff\_bpm4eX\_slope vs run



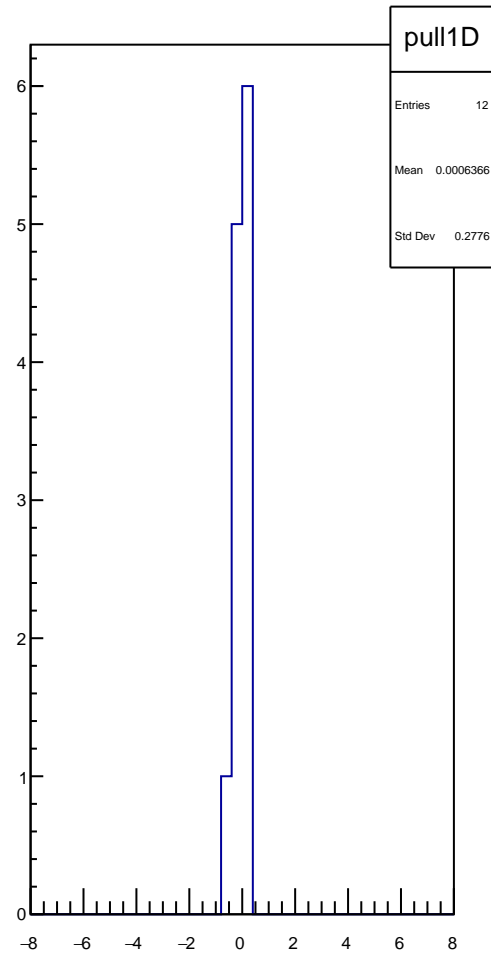
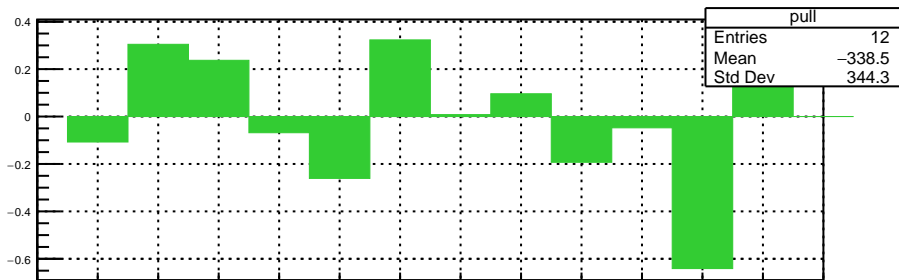
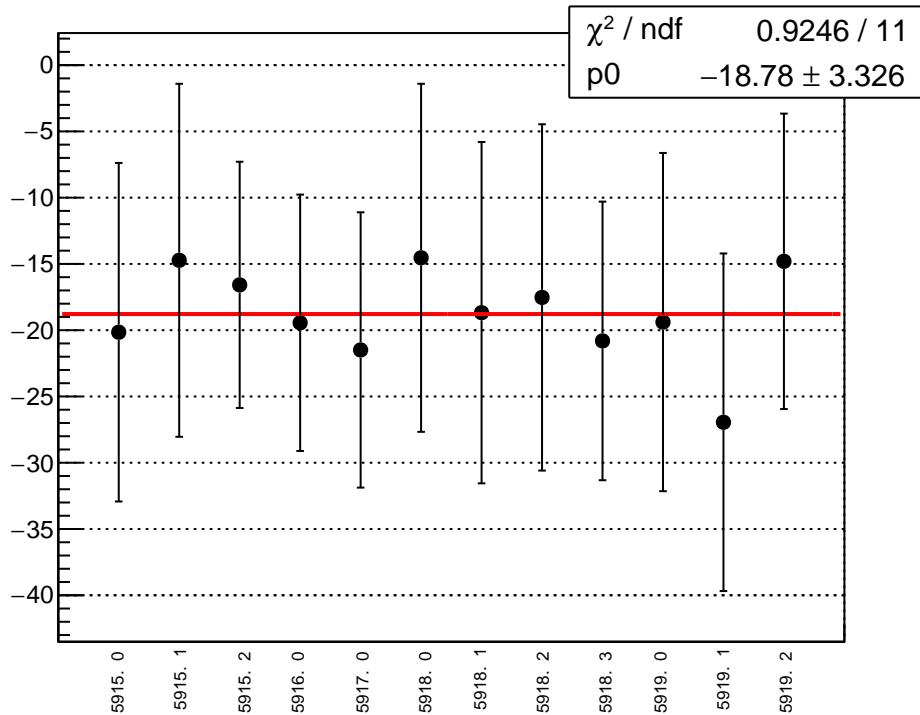
reg\_asym\_sam\_37\_dd\_diff\_bpm4eY\_slope vs run



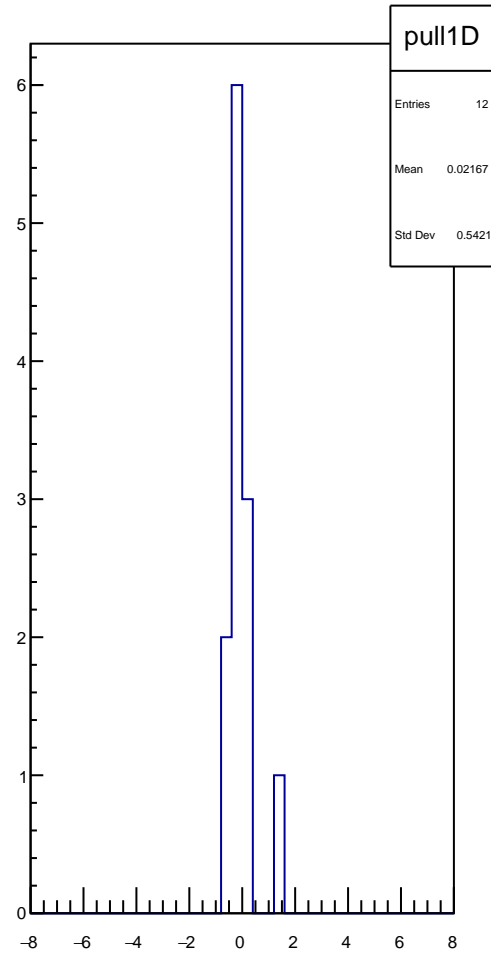
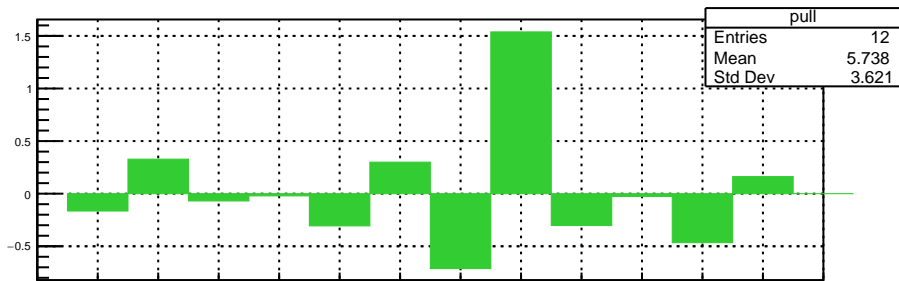
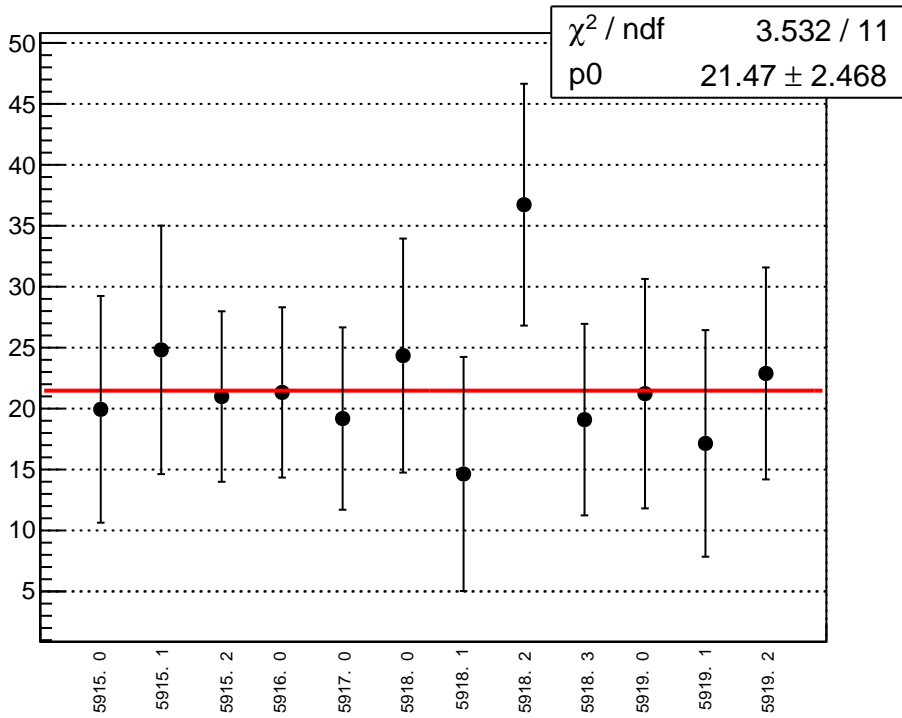
# reg\_asym\_sam\_37\_dd\_diff\_bpm12X\_slope vs run



reg\_asym\_sam\_26\_avg\_diff\_bpm4aX\_slope vs run

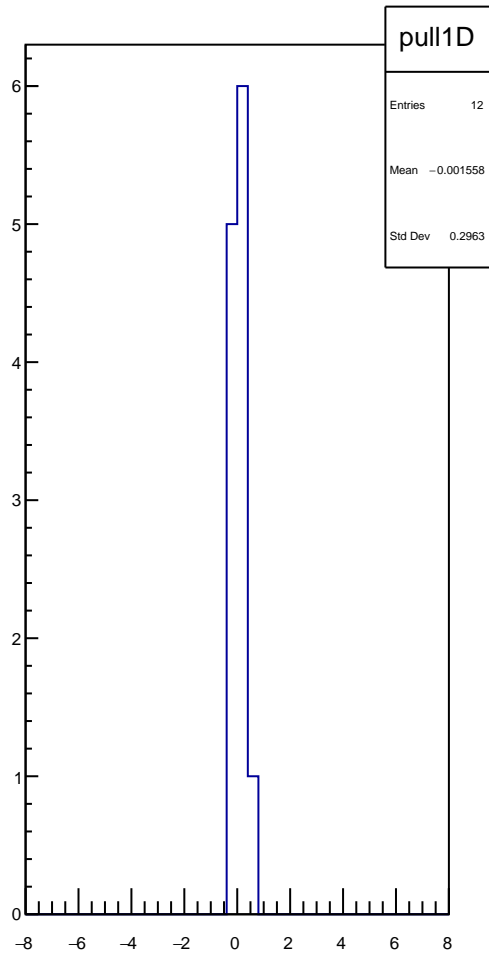
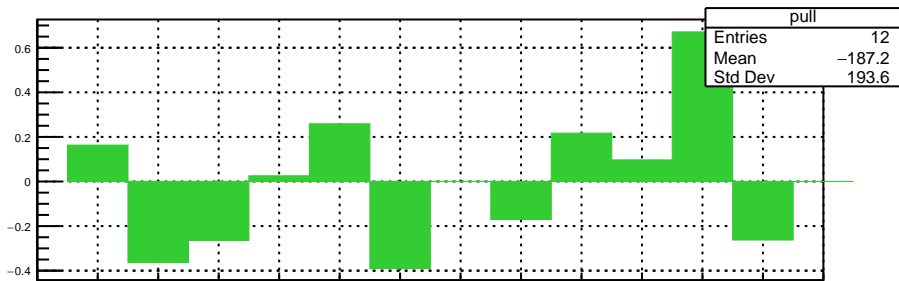
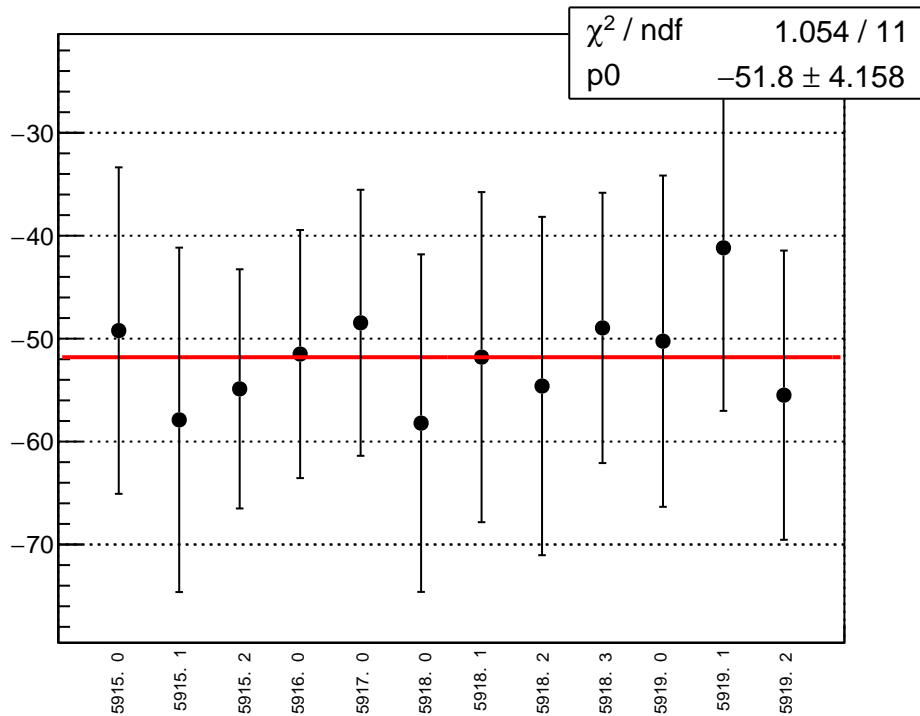


reg\_asym\_sam\_26\_avg\_diff\_bpm4aY\_slope vs run

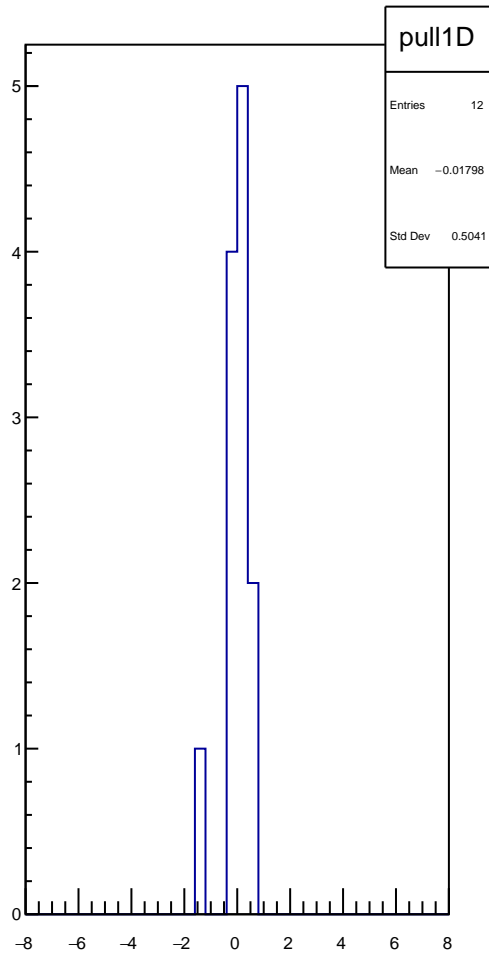
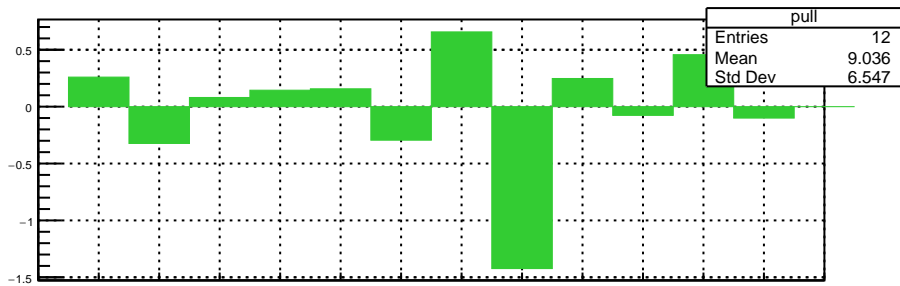
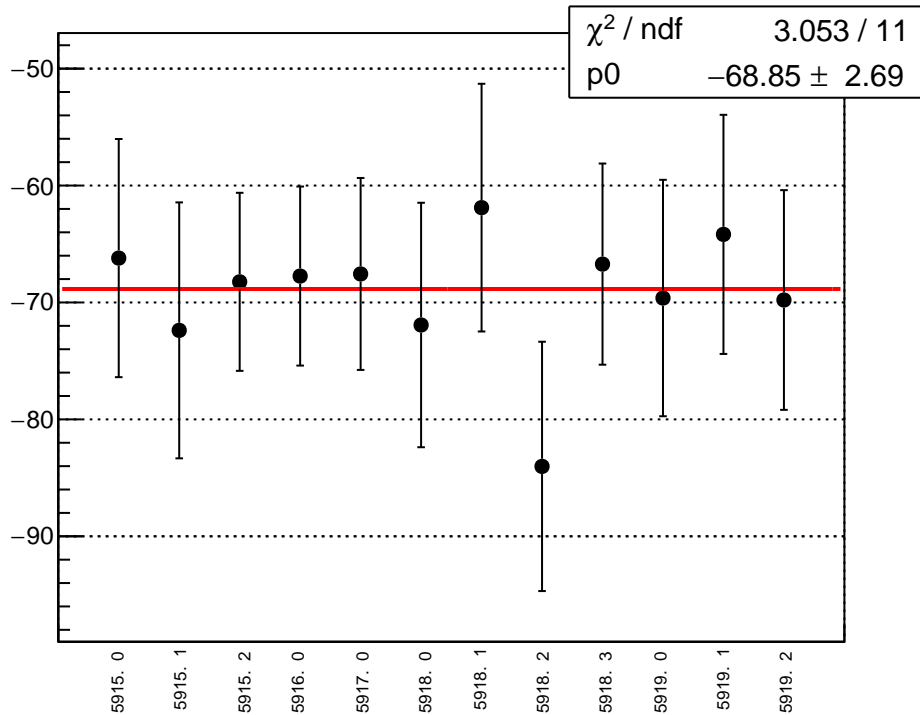




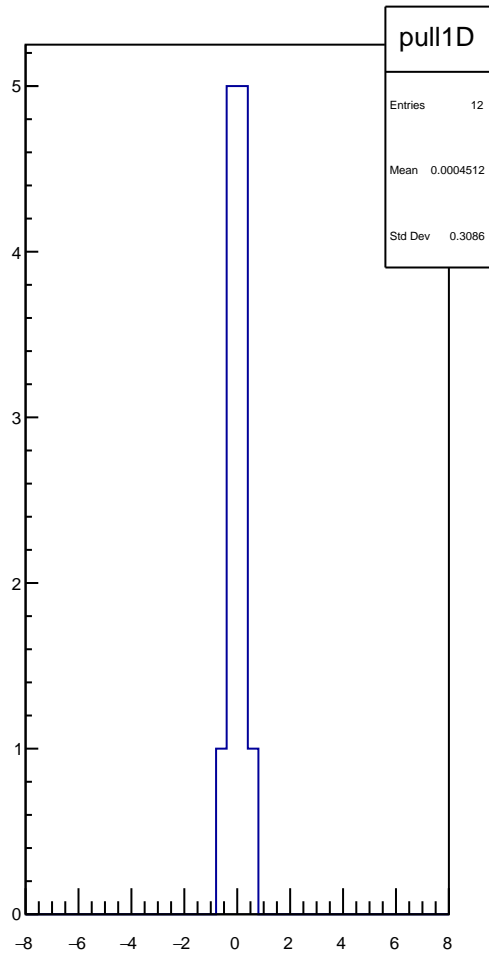
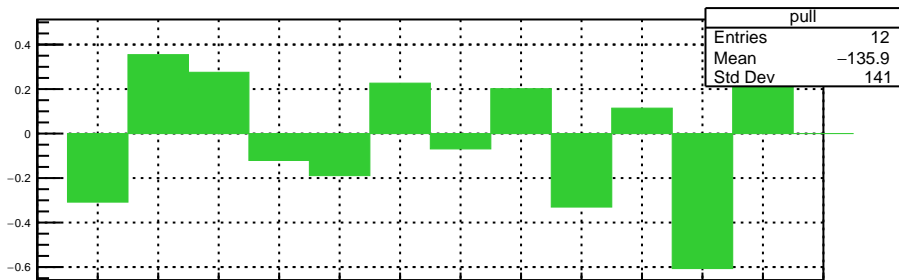
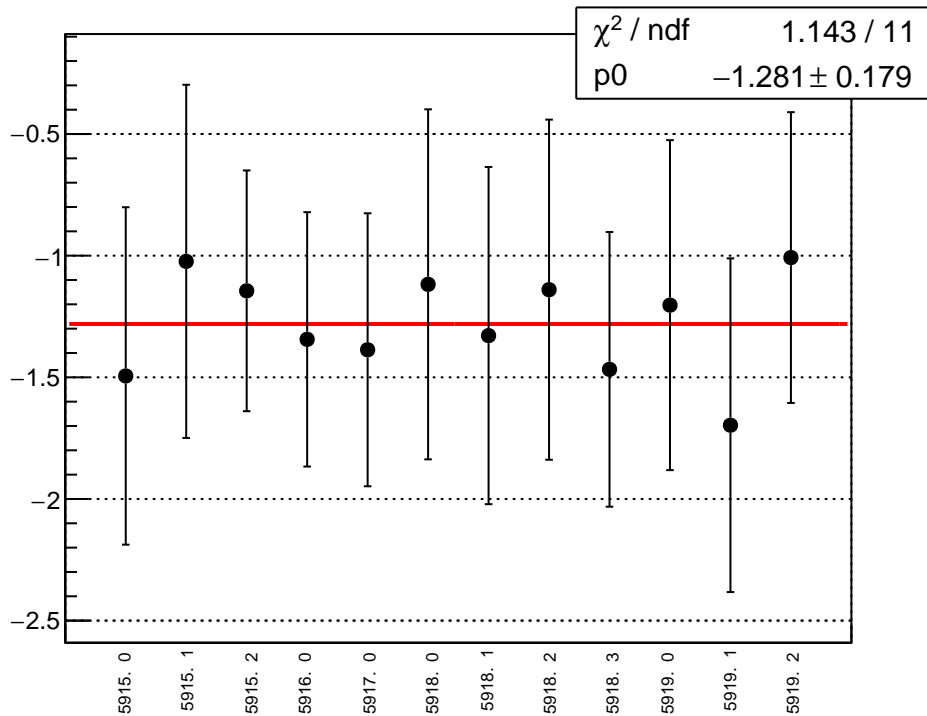
reg\_asym\_sam\_26\_avg\_diff\_bpm4eX\_slope vs run



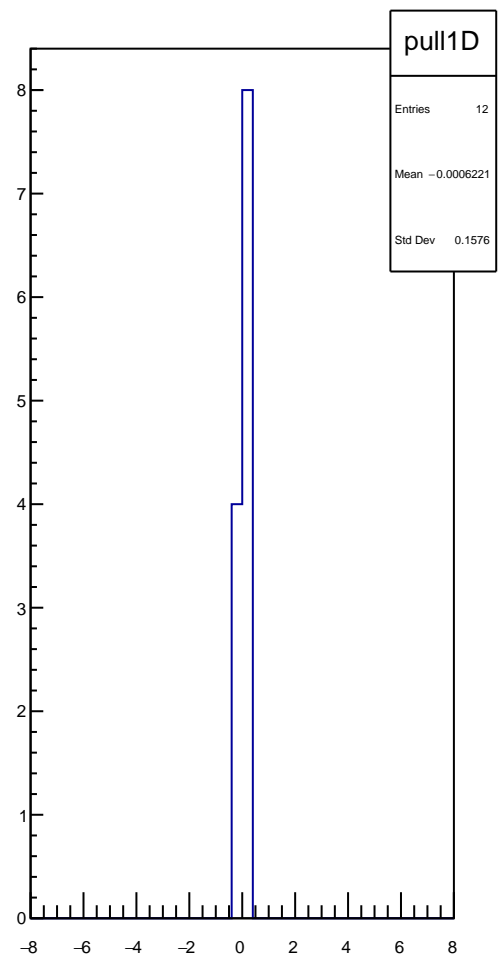
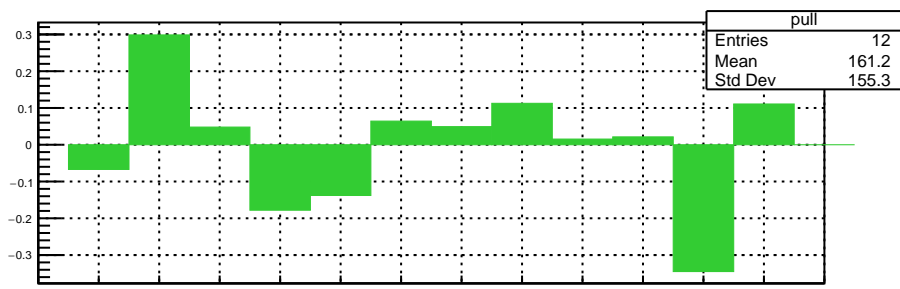
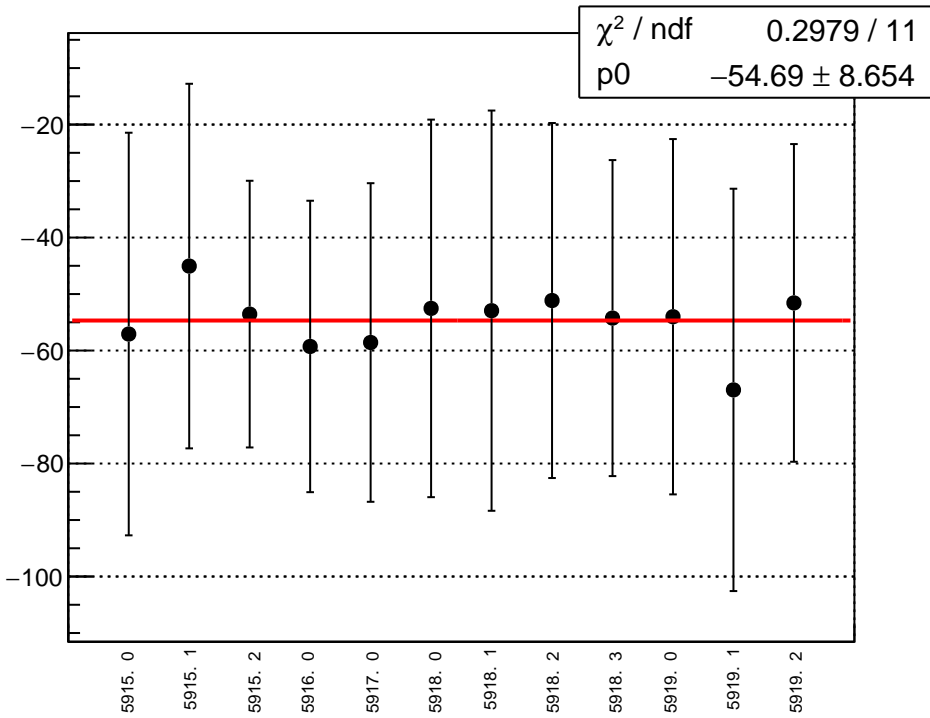
reg\_asym\_sam\_26\_avg\_diff\_bpm4eY\_slope vs run



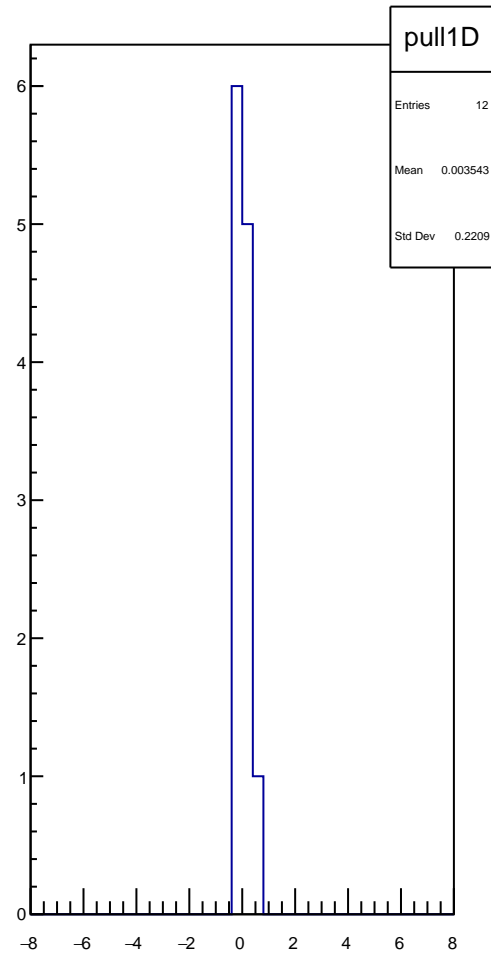
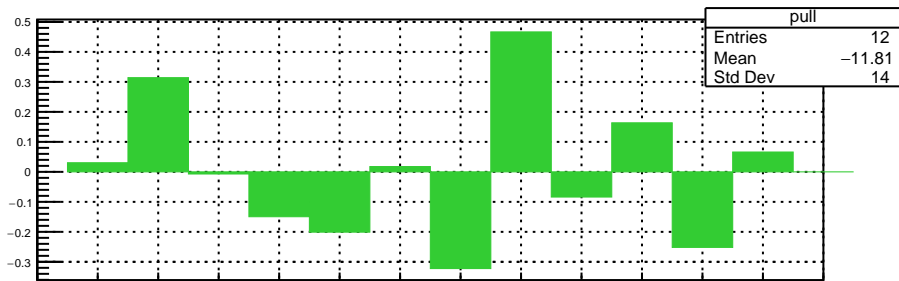
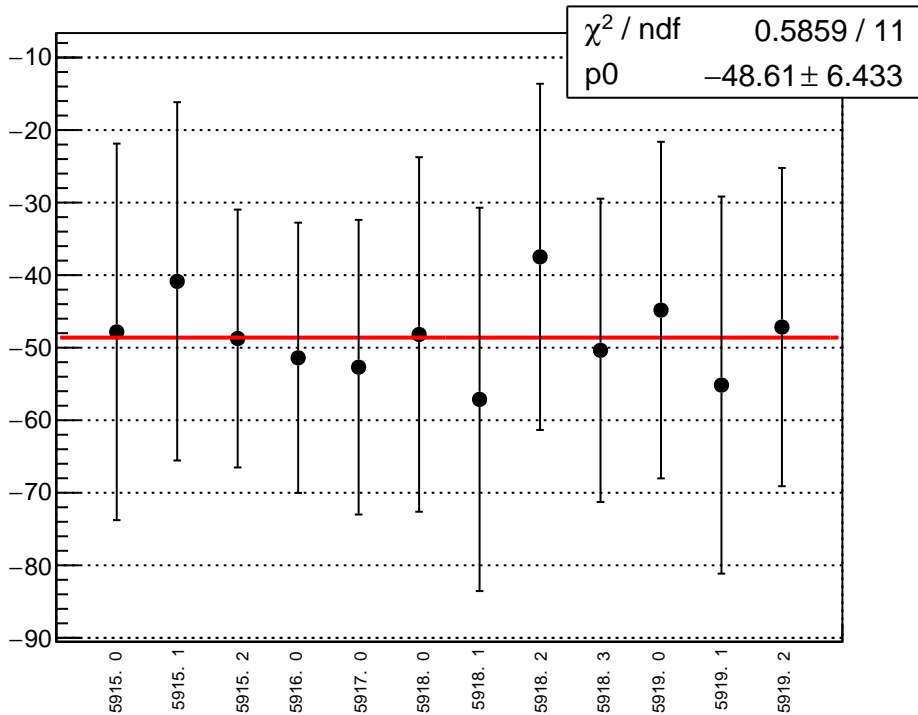
reg\_asym\_sam\_26\_avg\_diff\_bpm12X\_slope vs run



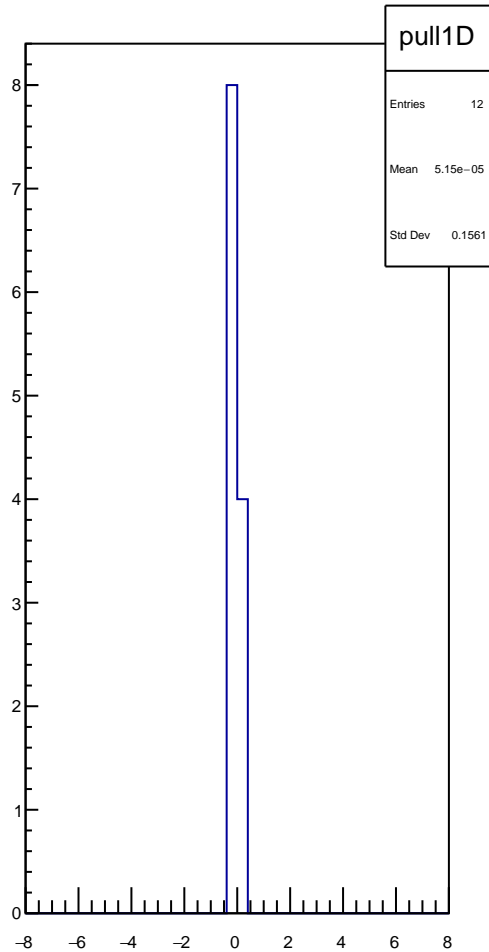
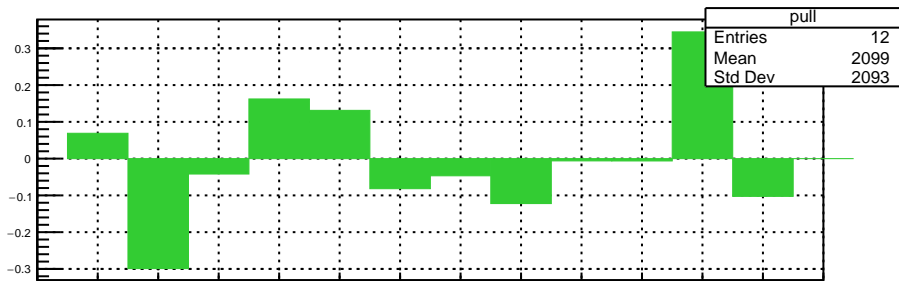
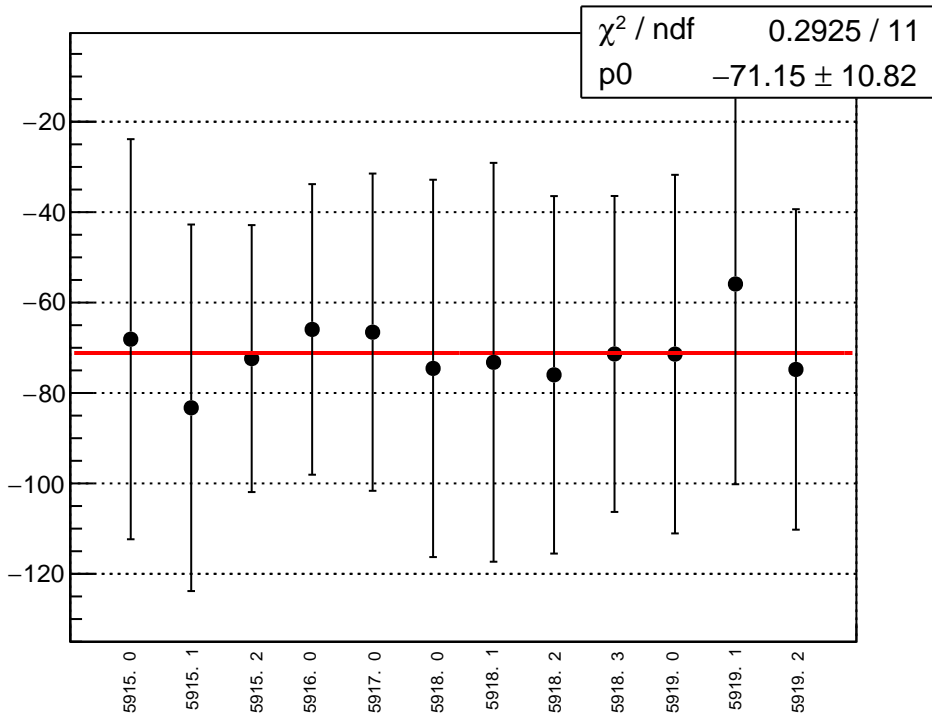
reg\_asym\_sam\_26\_dd\_diff\_bpm4aX\_slope vs run



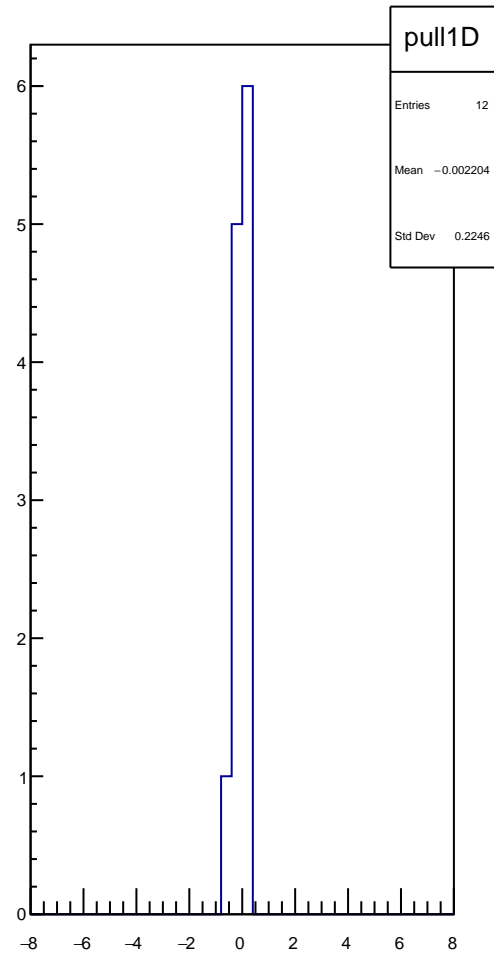
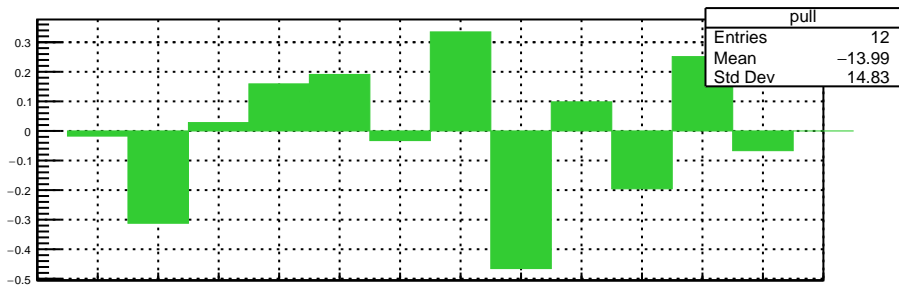
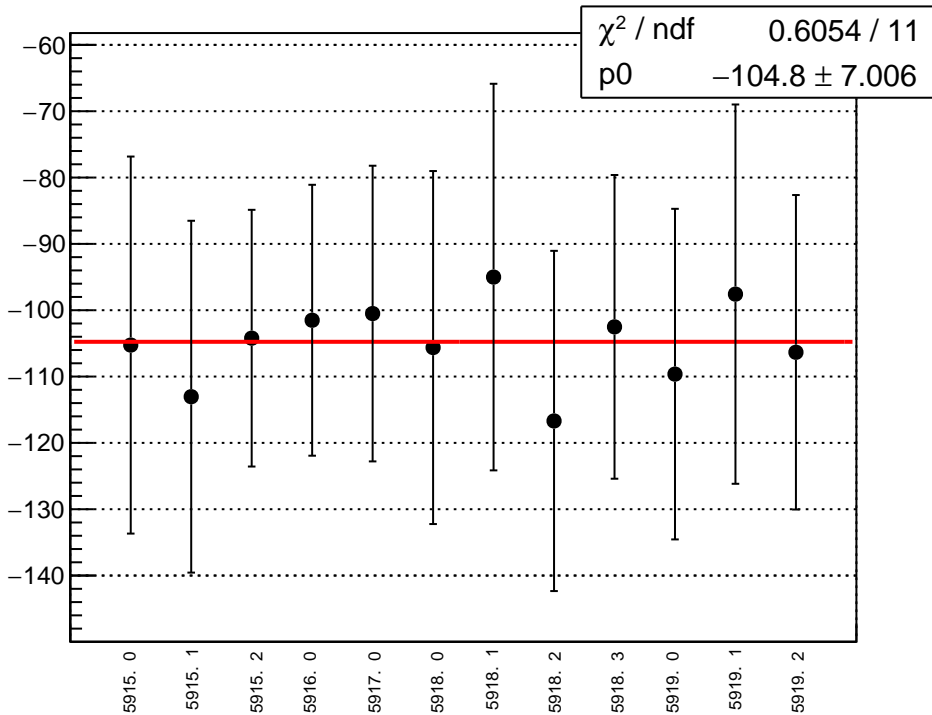
reg\_asym\_sam\_26\_dd\_diff\_bpm4aY\_slope vs run



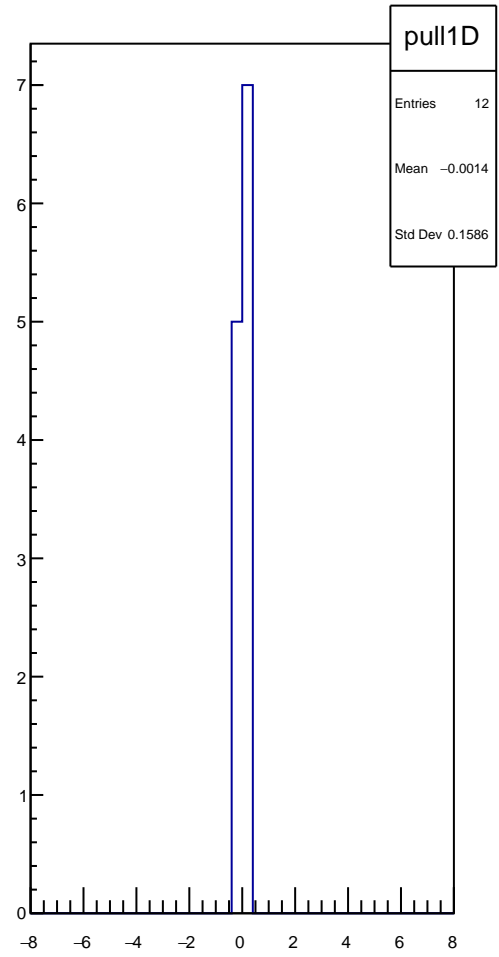
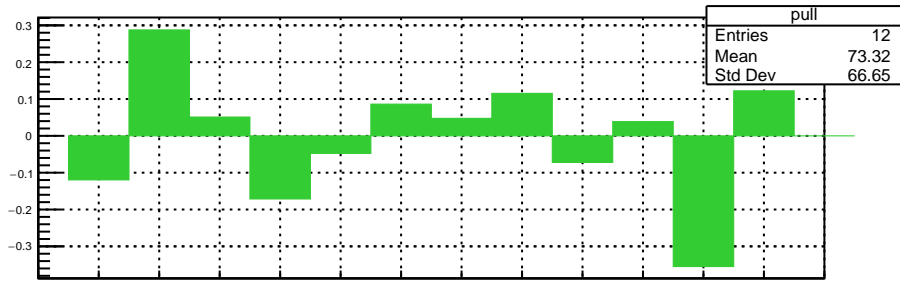
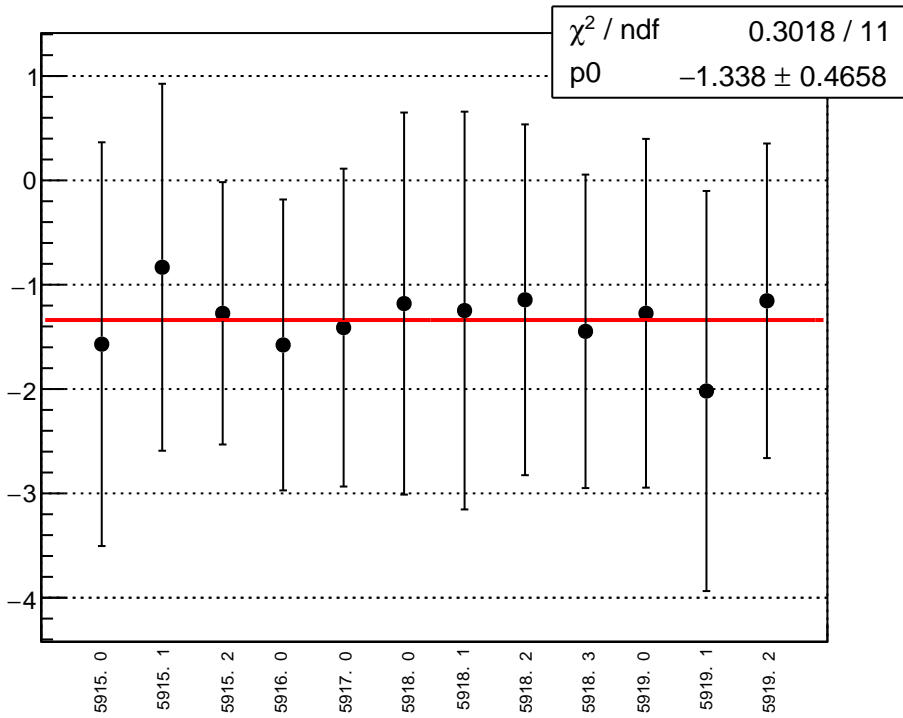
reg\_asym\_sam\_26\_dd\_diff\_bpm4eX\_slope vs run



# reg\_asym\_sam\_26\_dd\_diff\_bpm4eY\_slope vs run

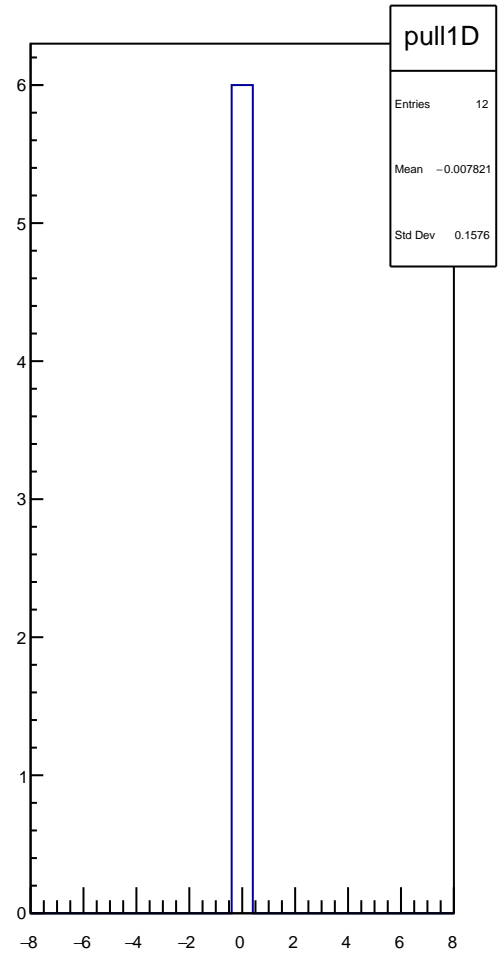
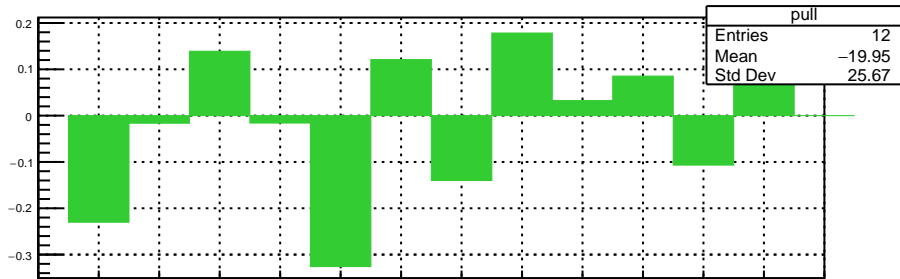
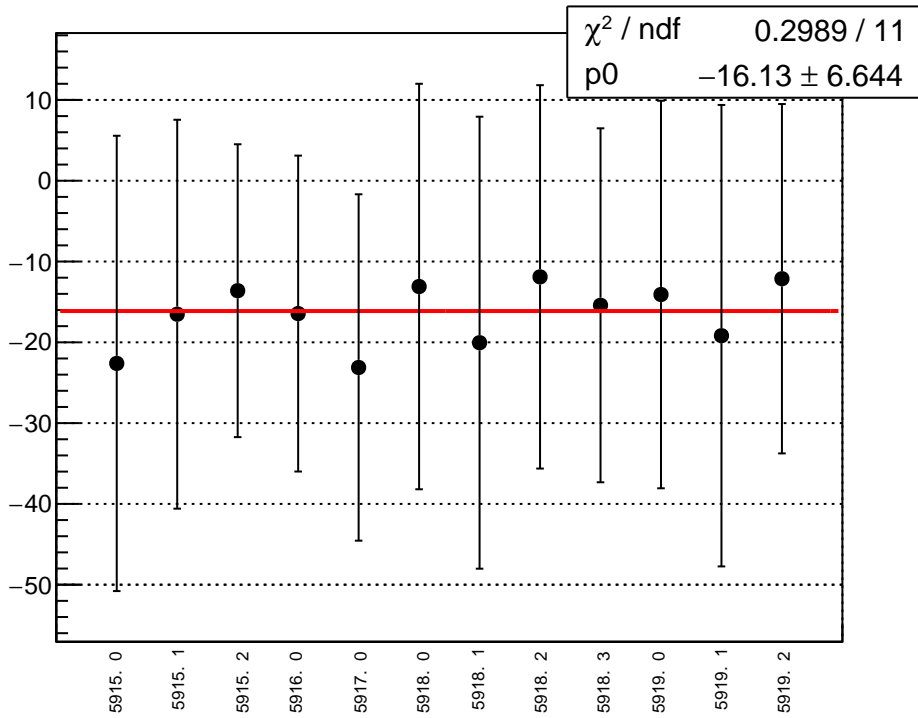


reg\_asym\_sam\_26\_dd\_diff\_bpm12X\_slope vs run

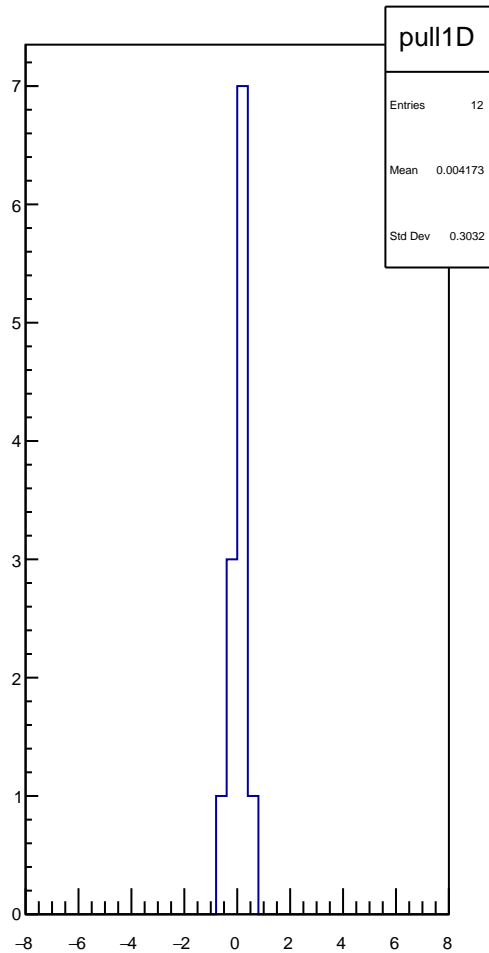
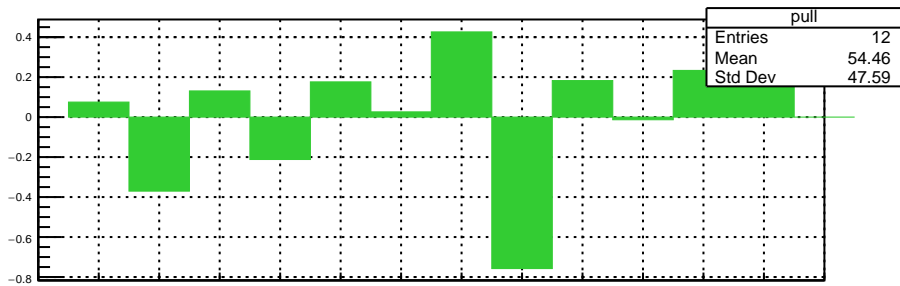
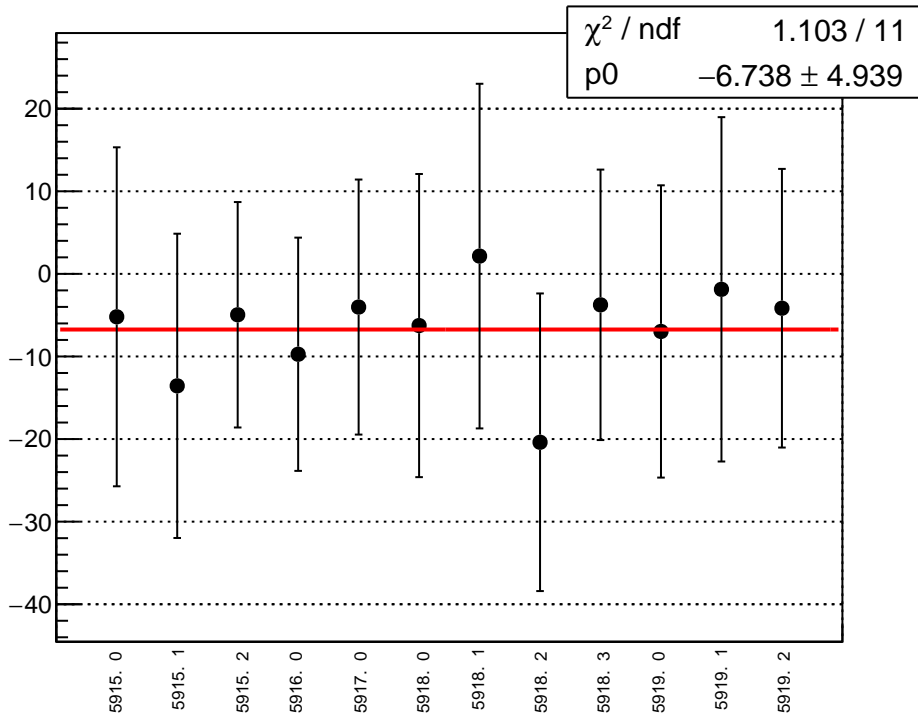




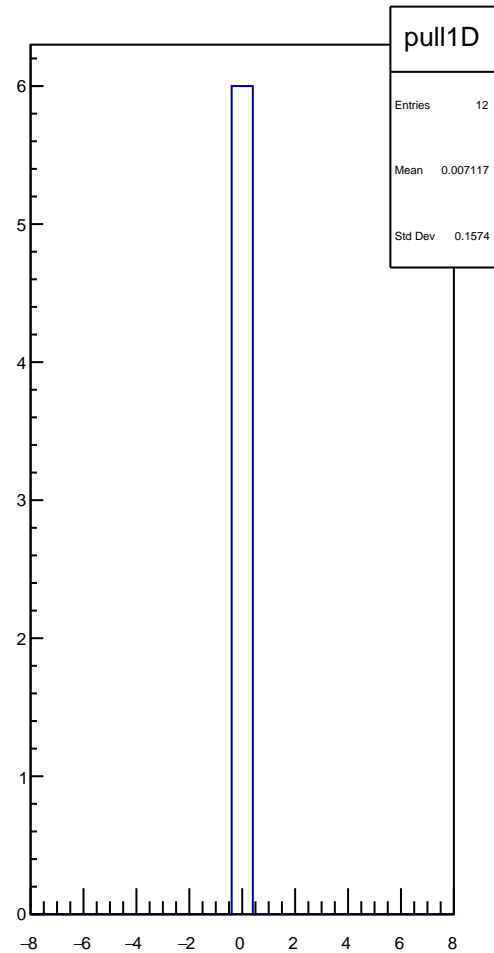
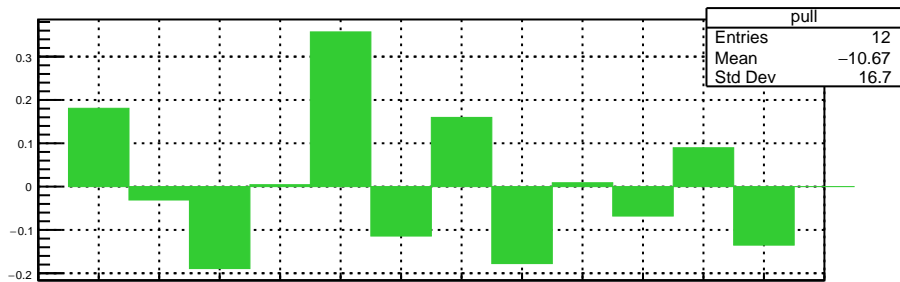
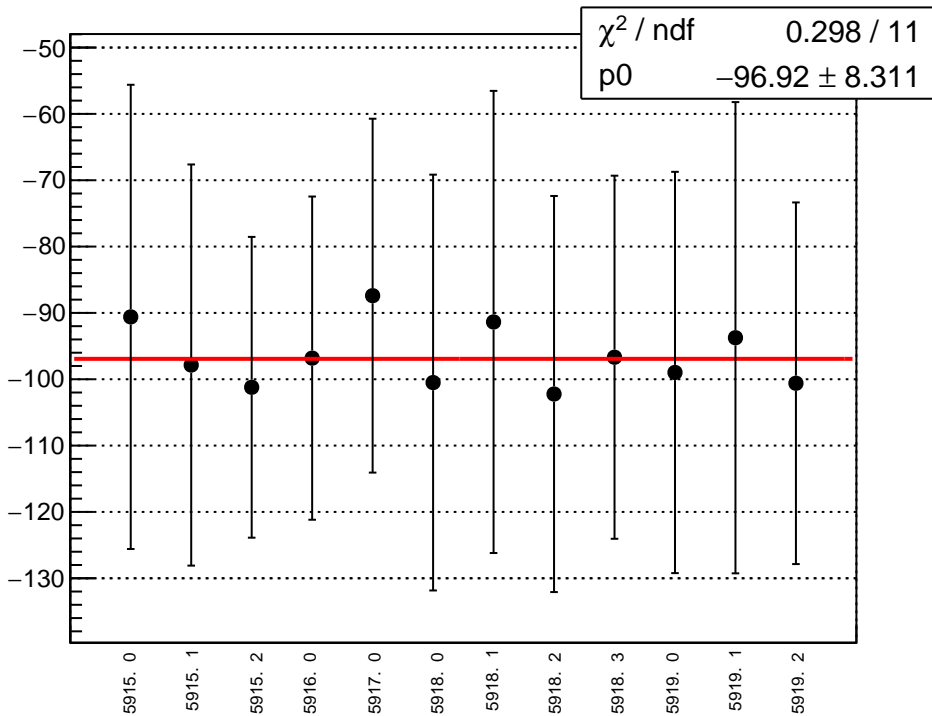
reg\_asym\_sam\_48\_avg\_diff\_bpm4aX\_slope vs run



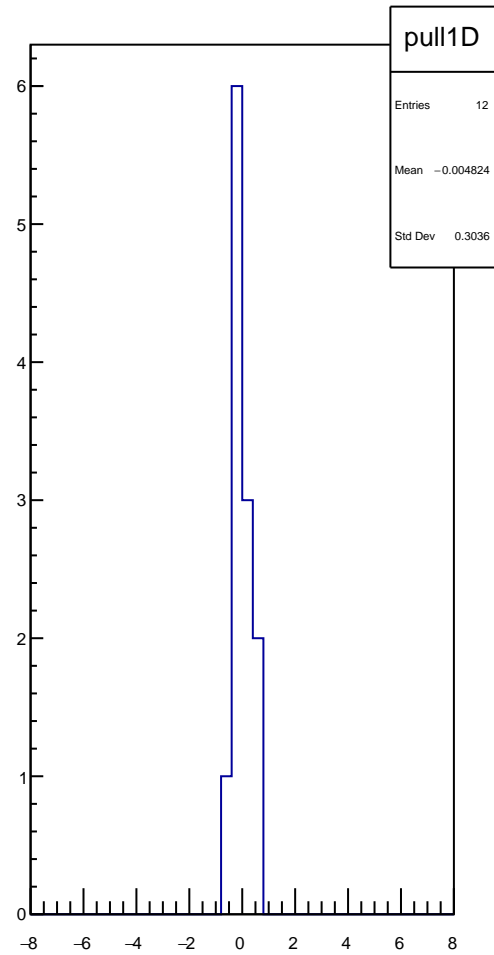
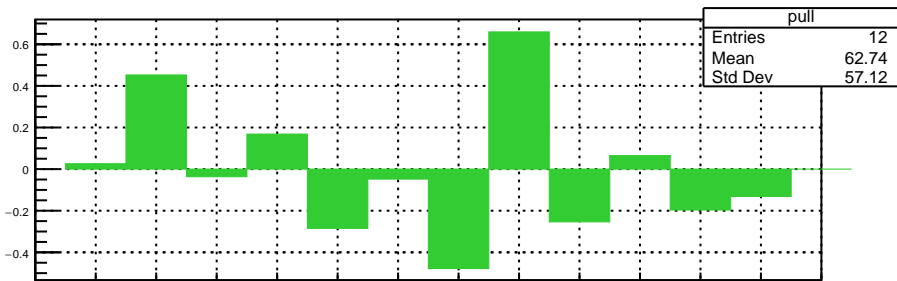
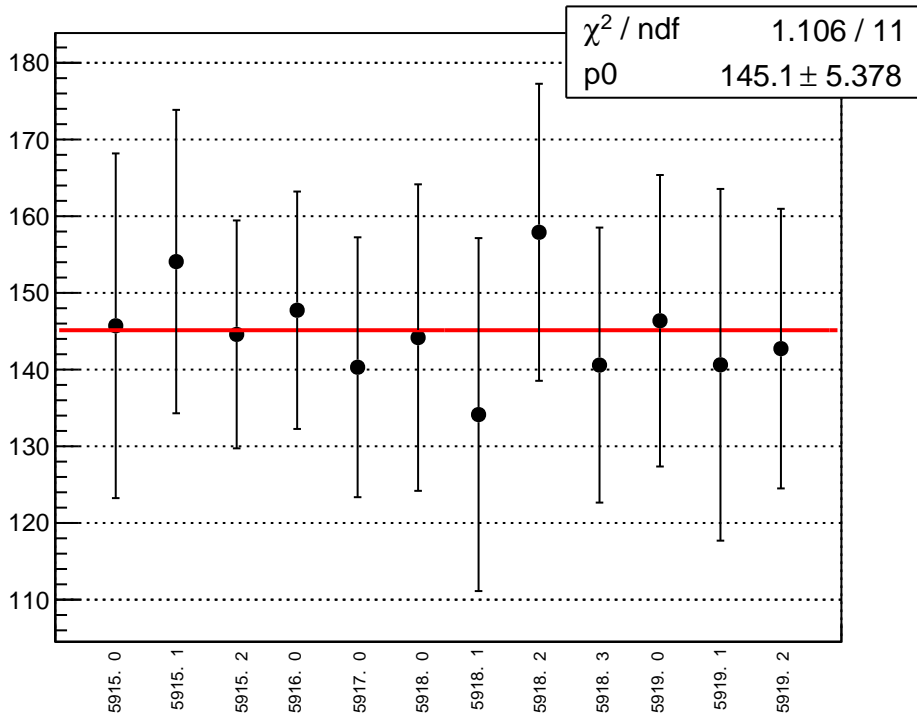
reg\_asym\_sam\_48\_avg\_diff\_bpm4aY\_slope vs run



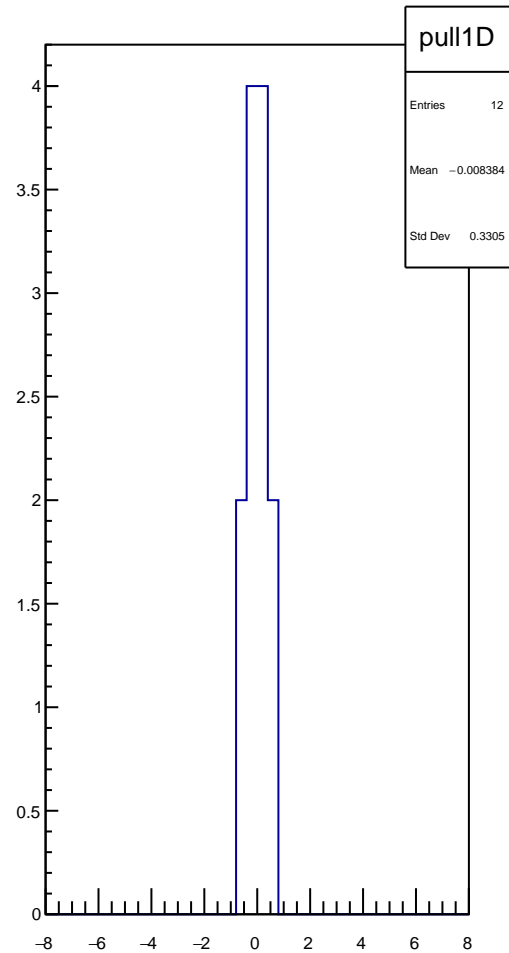
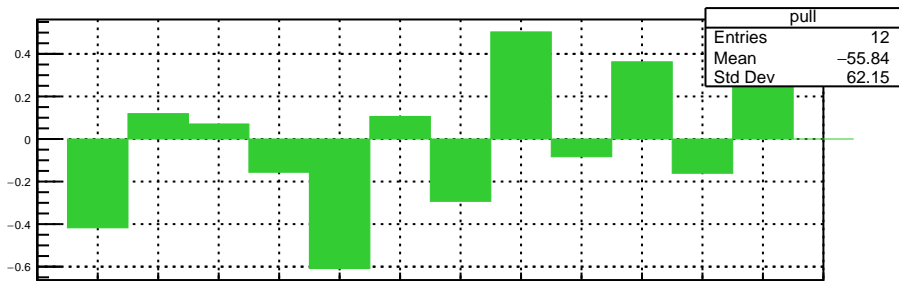
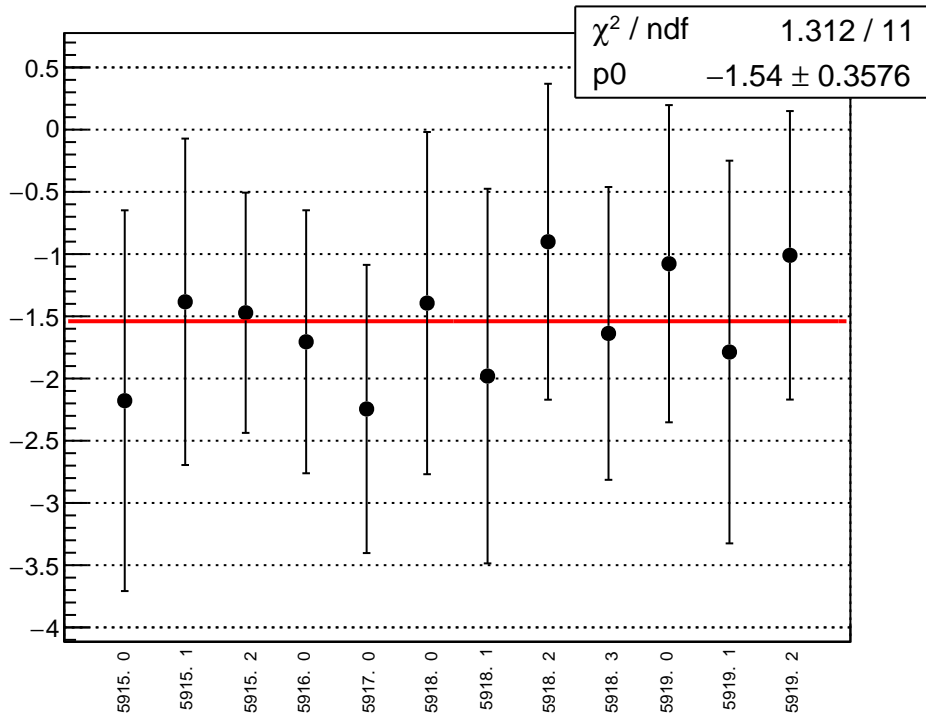
reg\_asym\_sam\_48\_avg\_diff\_bpm4eX\_slope vs run



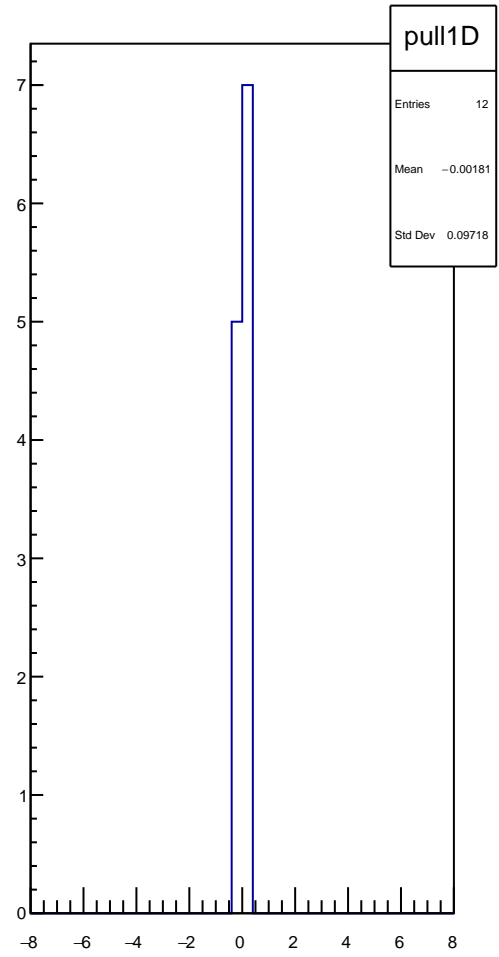
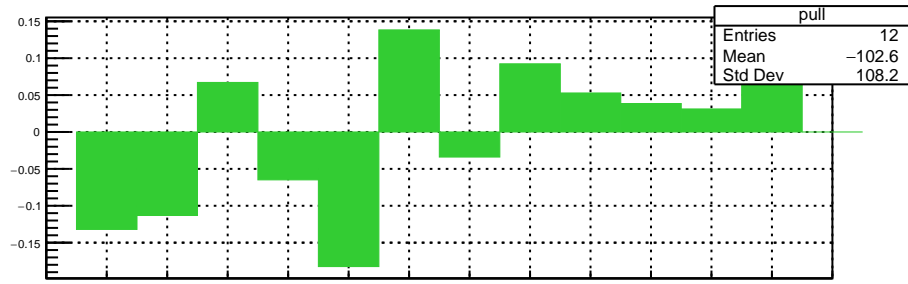
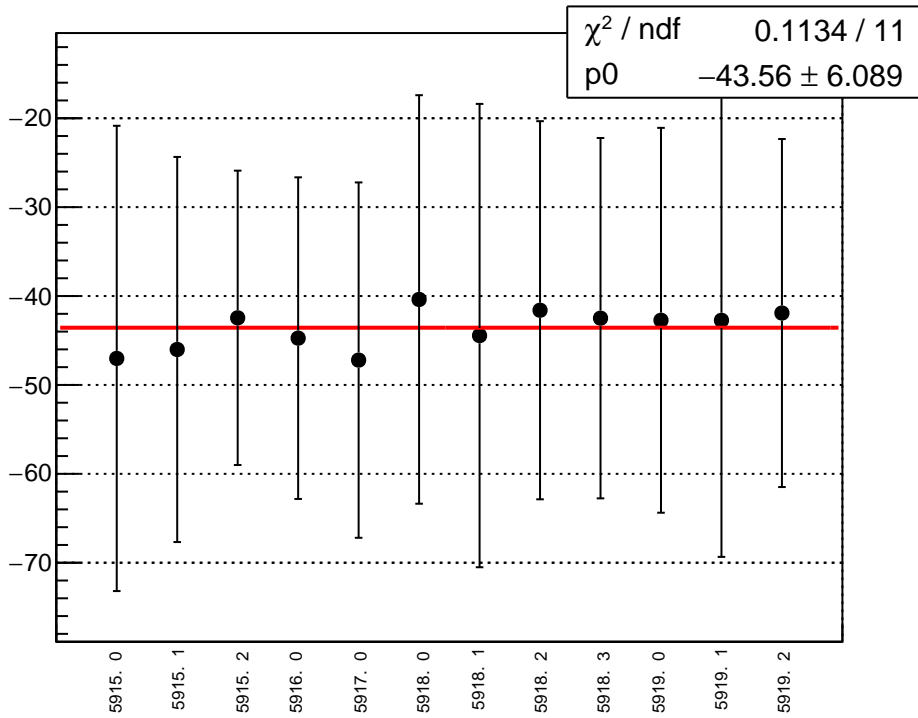
reg\_asym\_sam\_48\_avg\_diff\_bpm4eY\_slope vs run



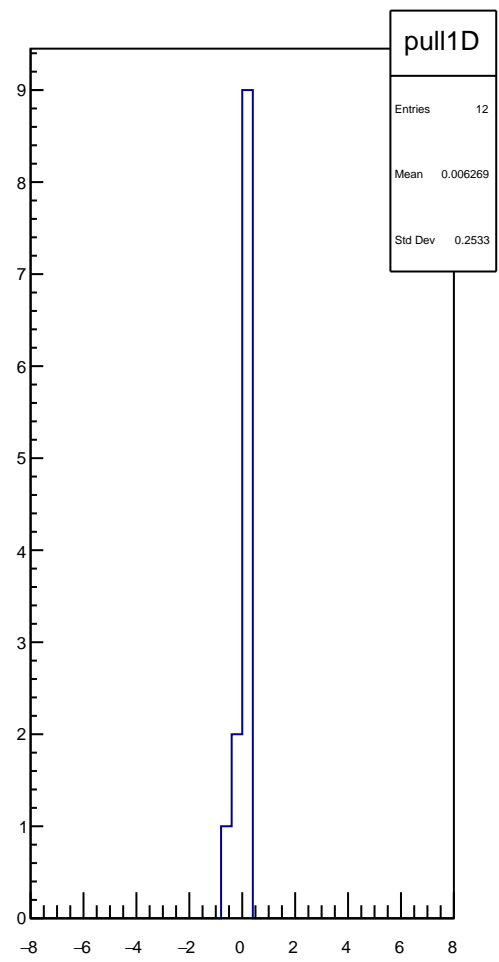
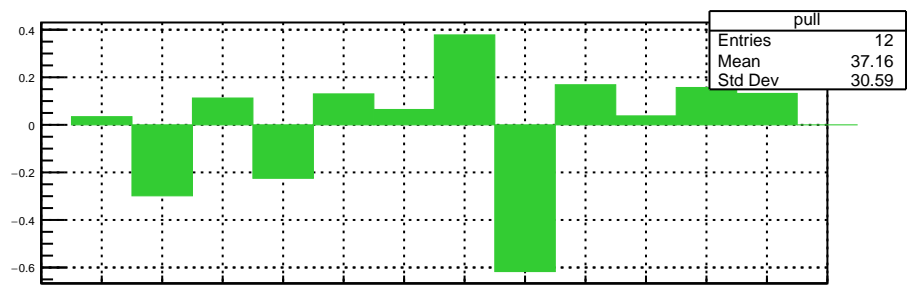
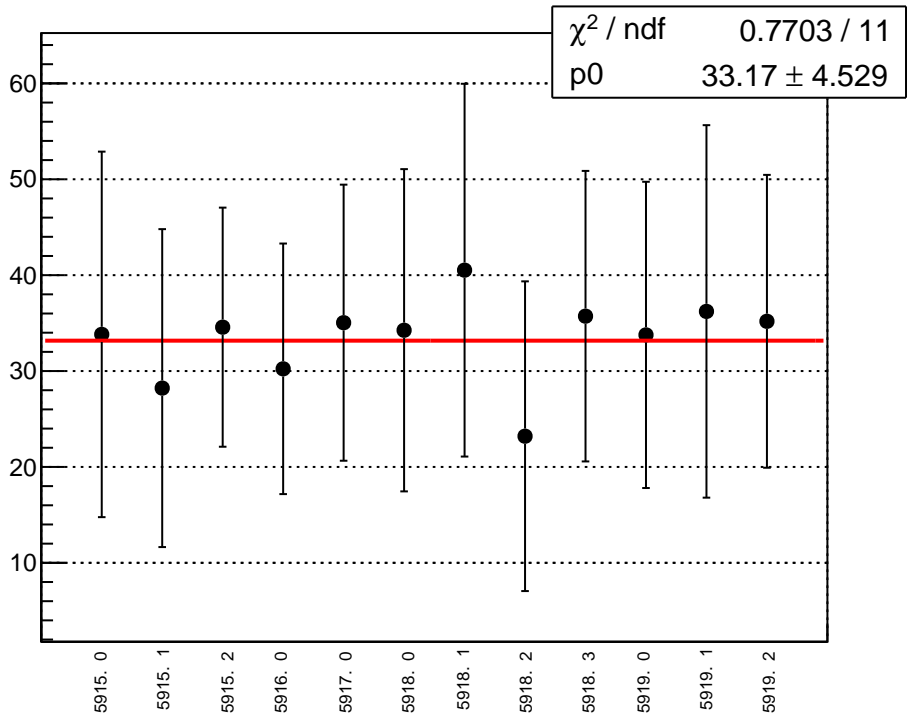
reg\_asym\_sam\_48\_avg\_diff\_bpm12X\_slope vs run



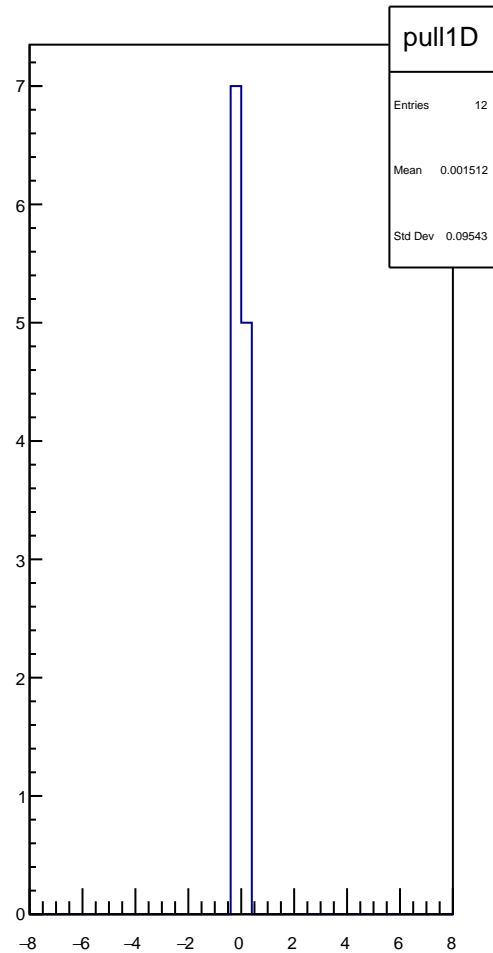
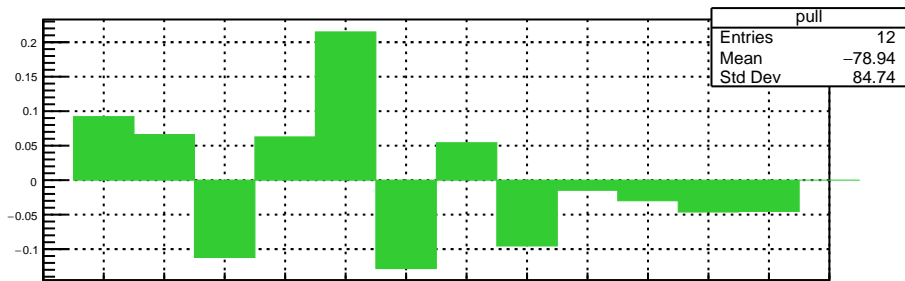
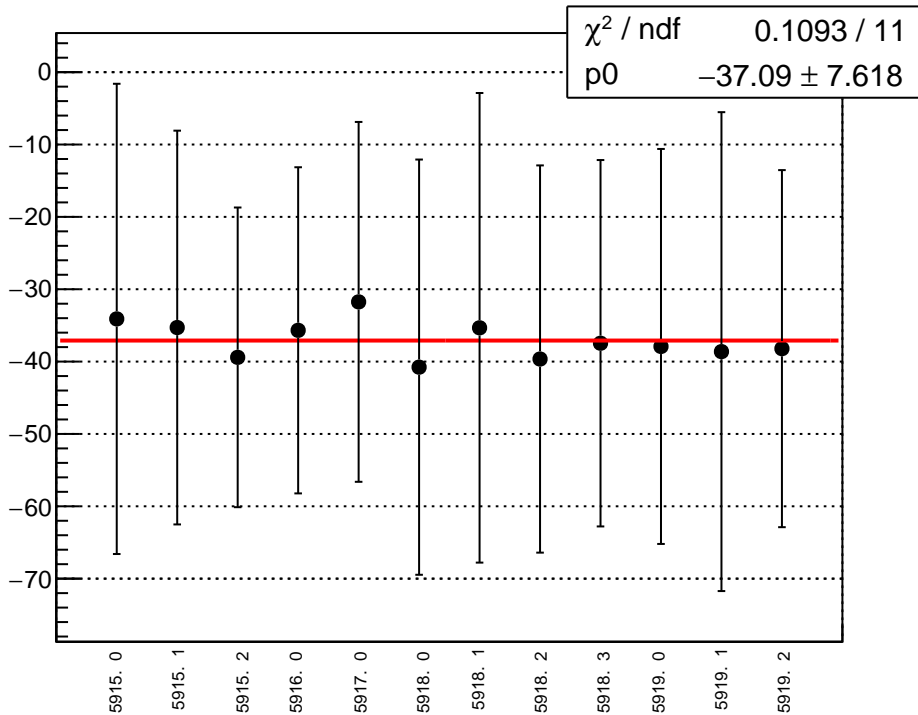
reg\_asym\_sam\_48\_dd\_diff\_bpm4aX\_slope vs run



reg\_asym\_sam\_48\_dd\_diff\_bpm4aY\_slope vs run

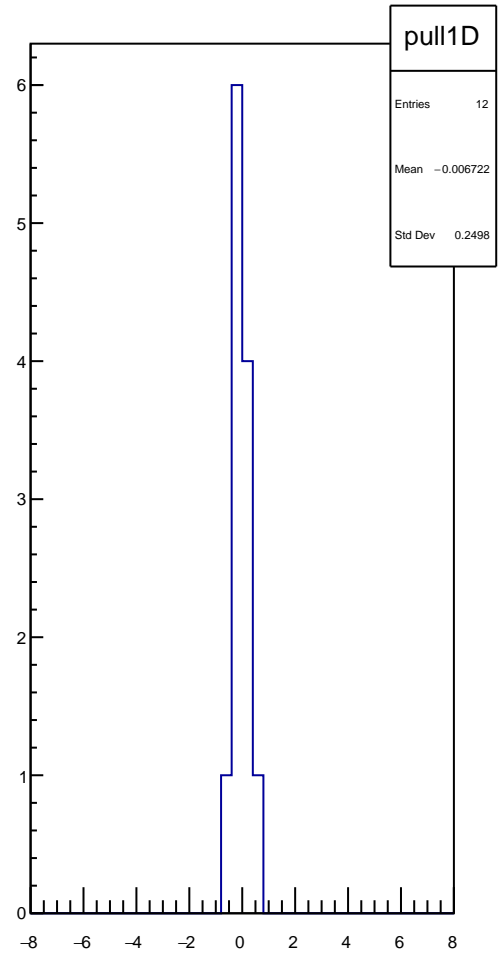
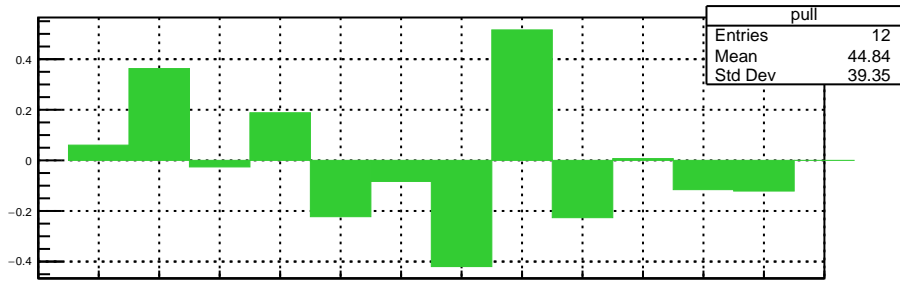
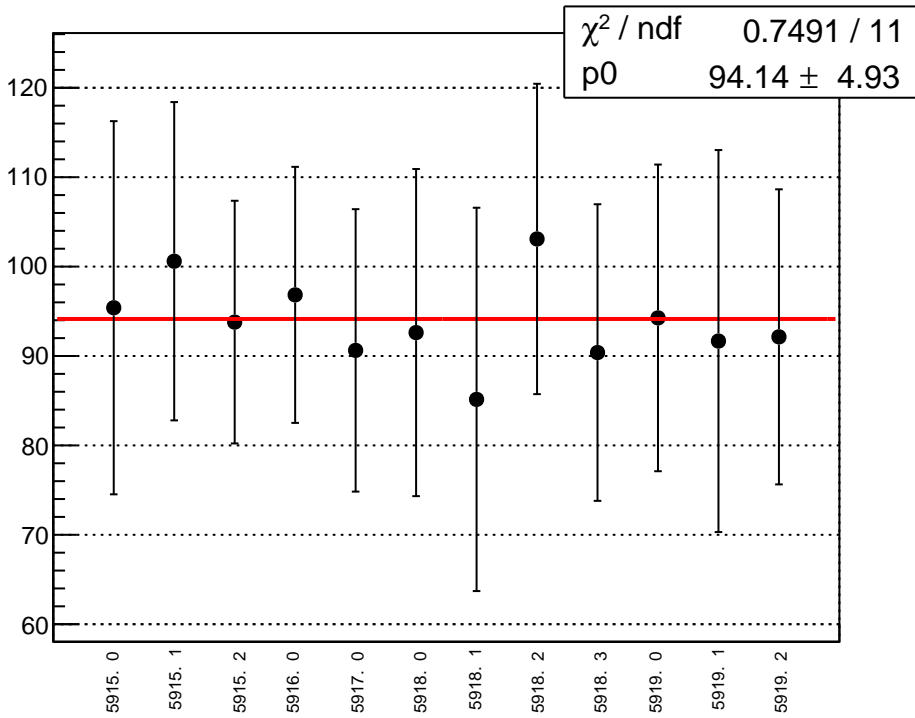


reg\_asym\_sam\_48\_dd\_diff\_bpm4eX\_slope vs run

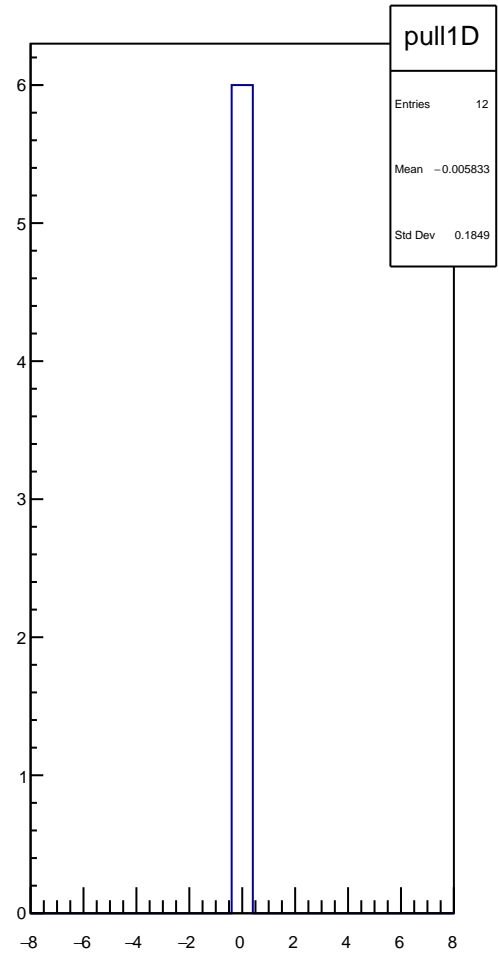
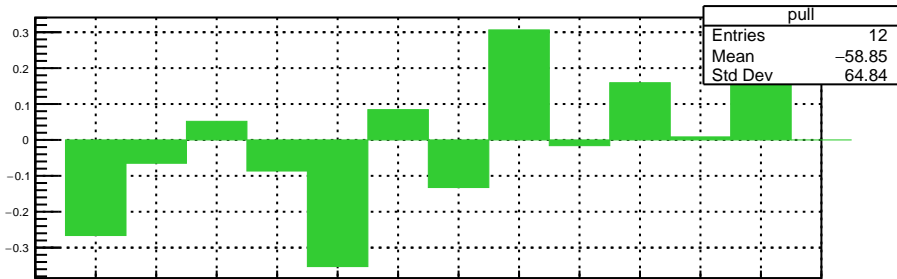
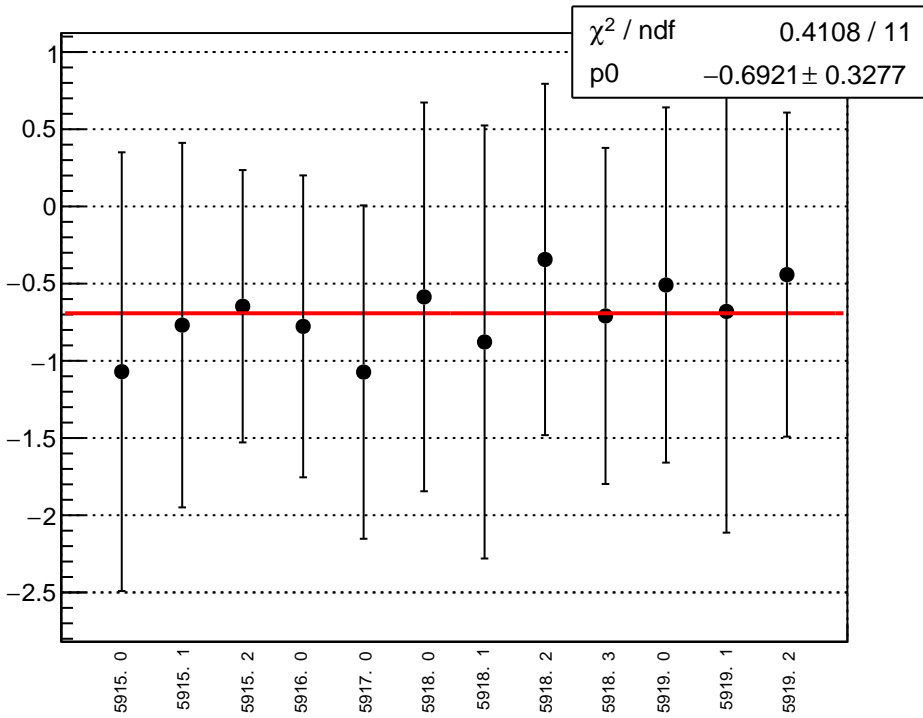




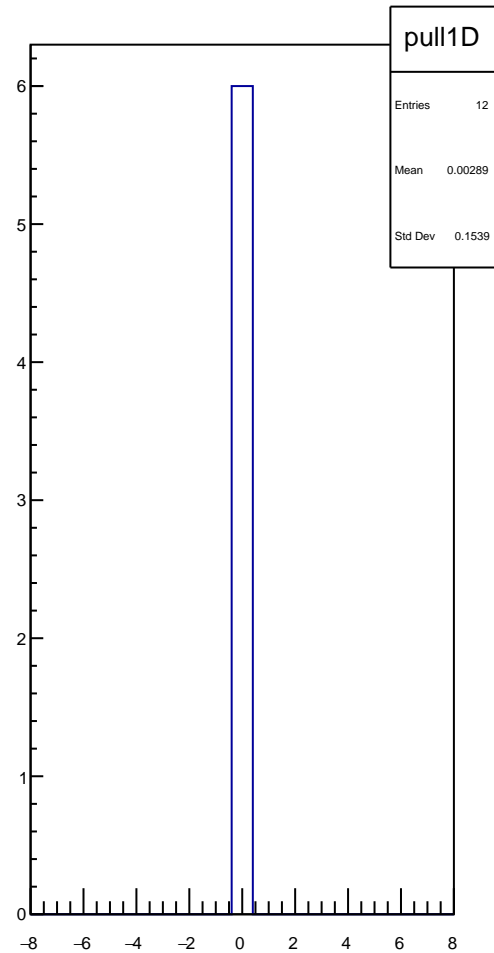
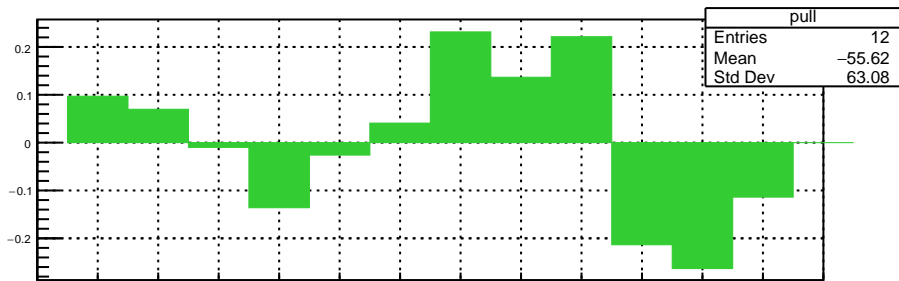
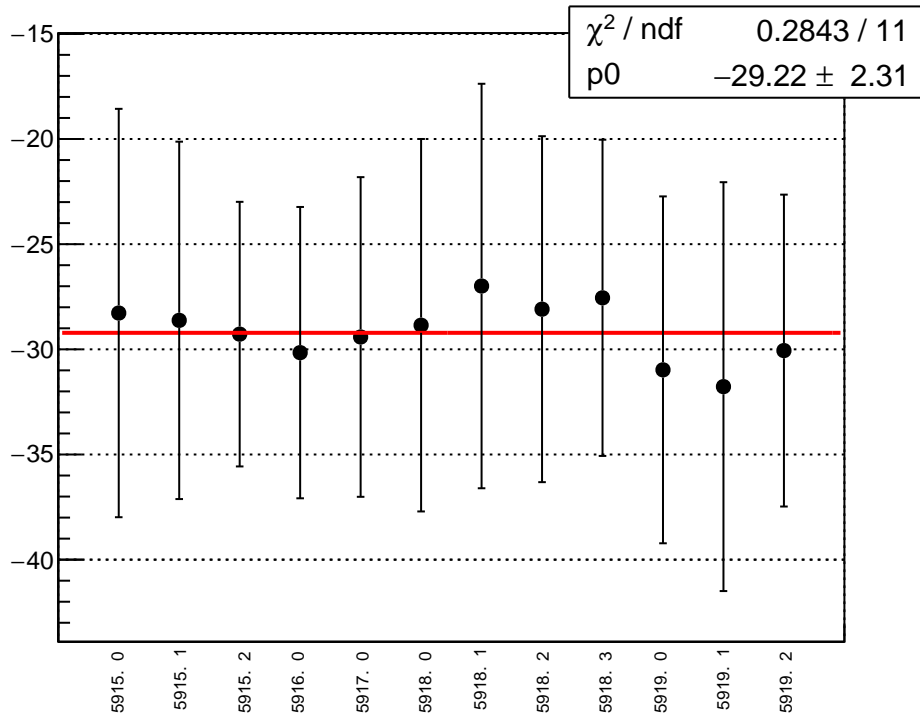
reg\_asym\_sam\_48\_dd\_diff\_bpm4eY\_slope vs run



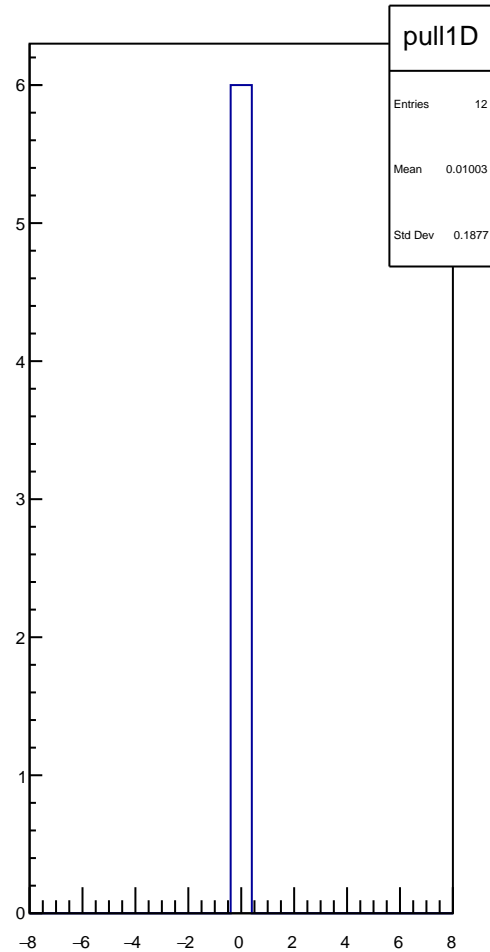
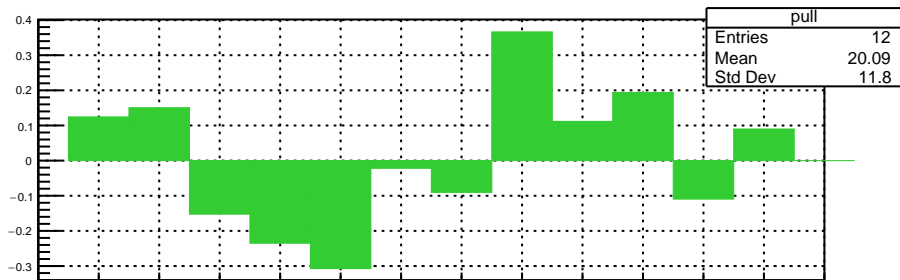
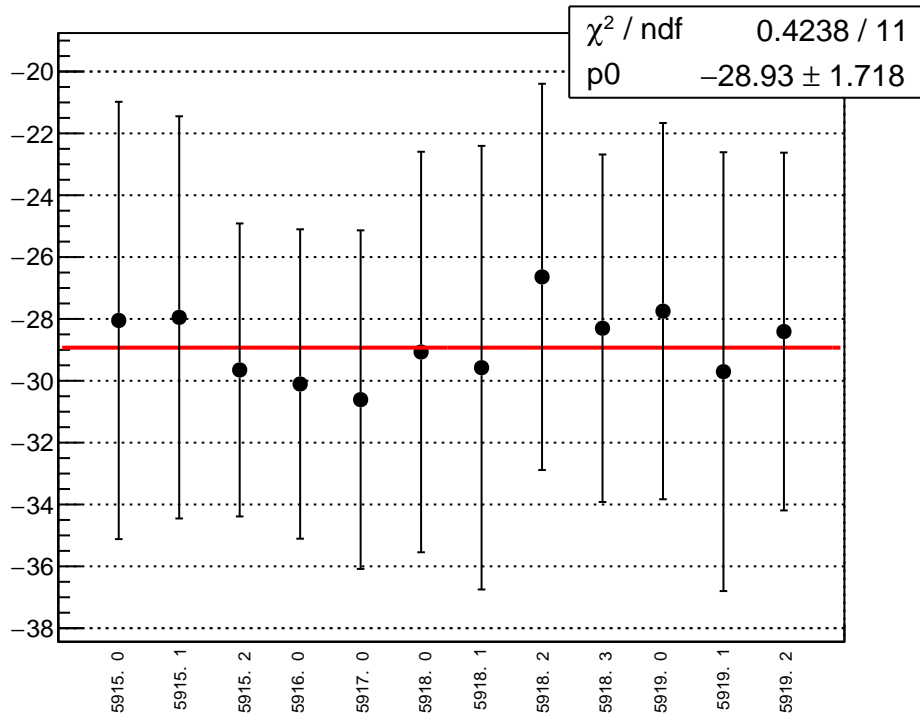
reg\_asym\_sam\_48\_dd\_diff\_bpm12X\_slope vs run



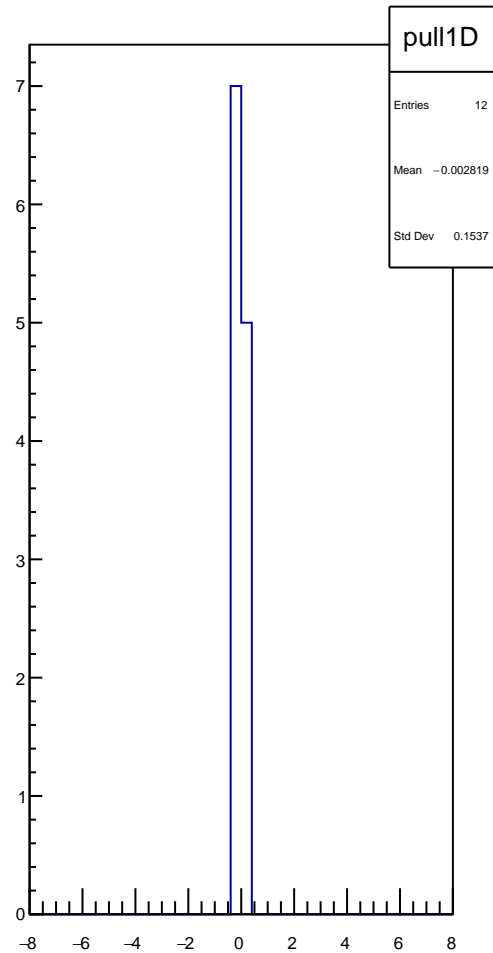
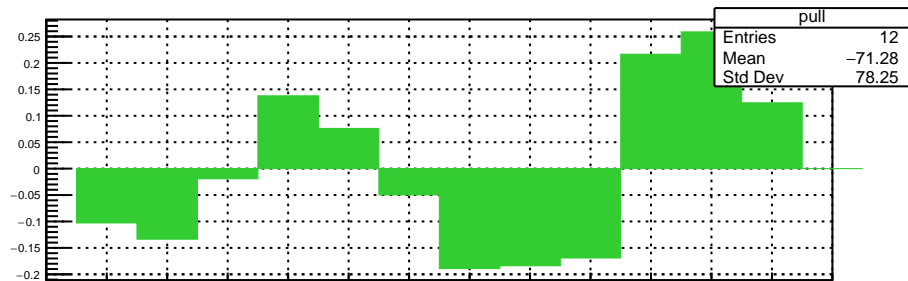
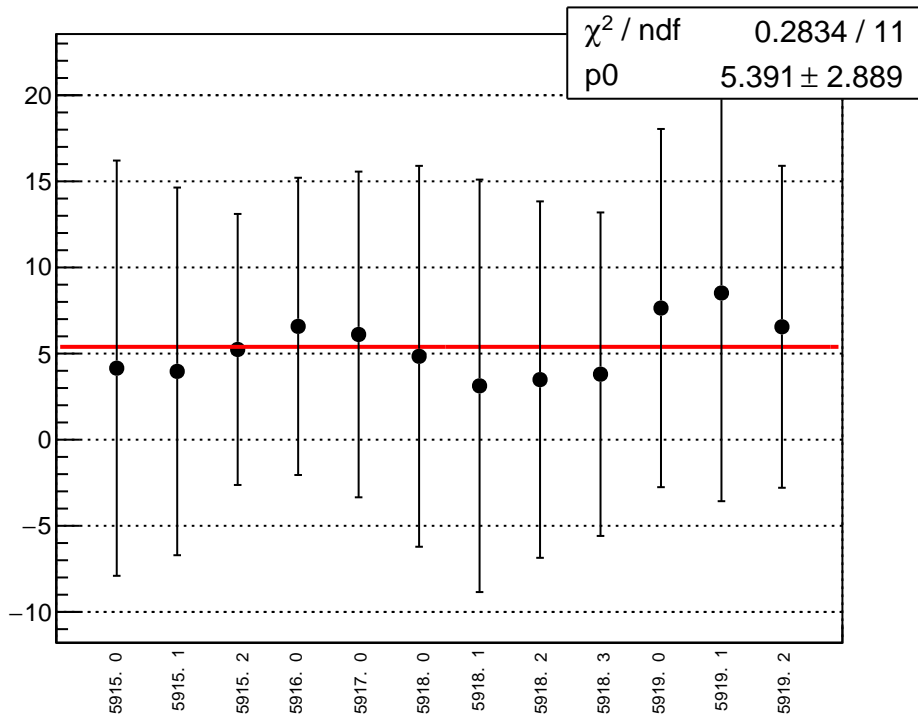
reg\_asym\_sam\_13\_57\_dd\_diff\_bpm4aX\_slope vs run



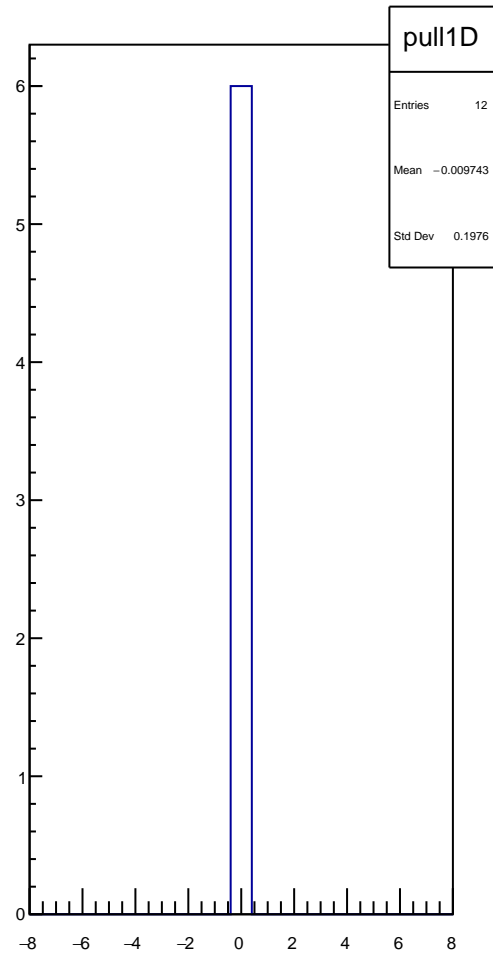
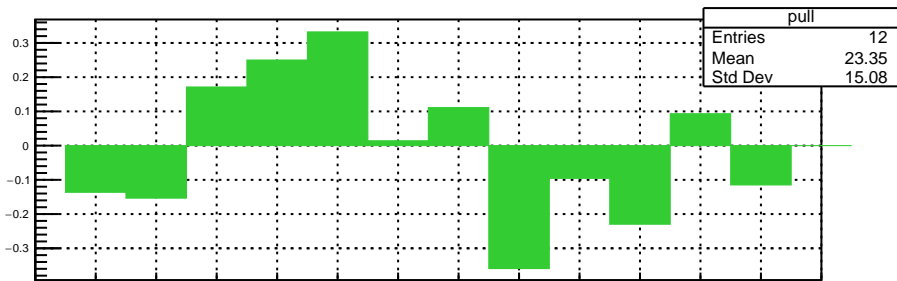
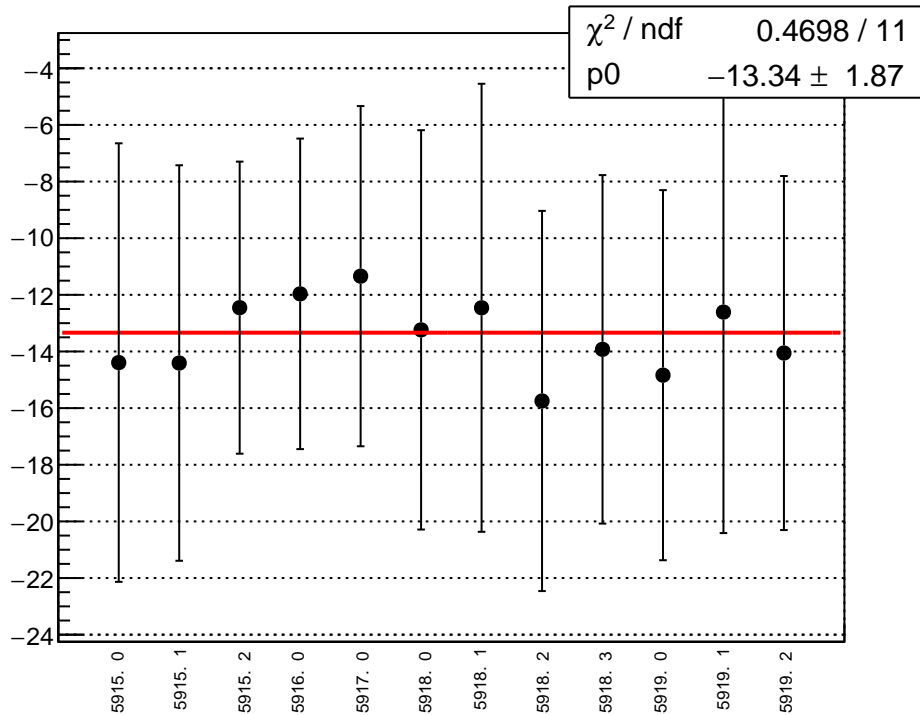
reg\_asym\_sam\_13\_57\_dd\_diff\_bpm4aY\_slope vs run



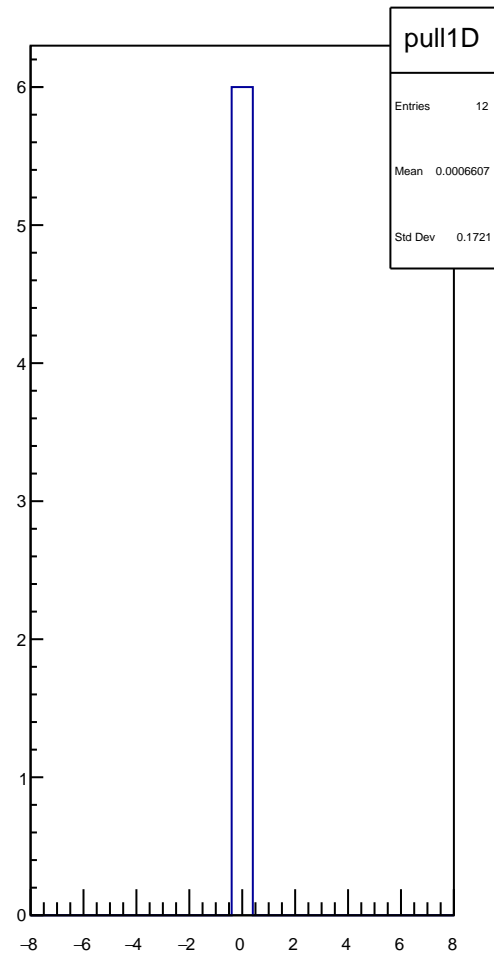
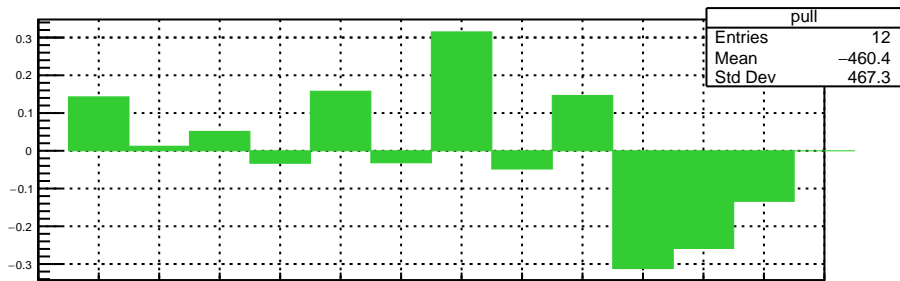
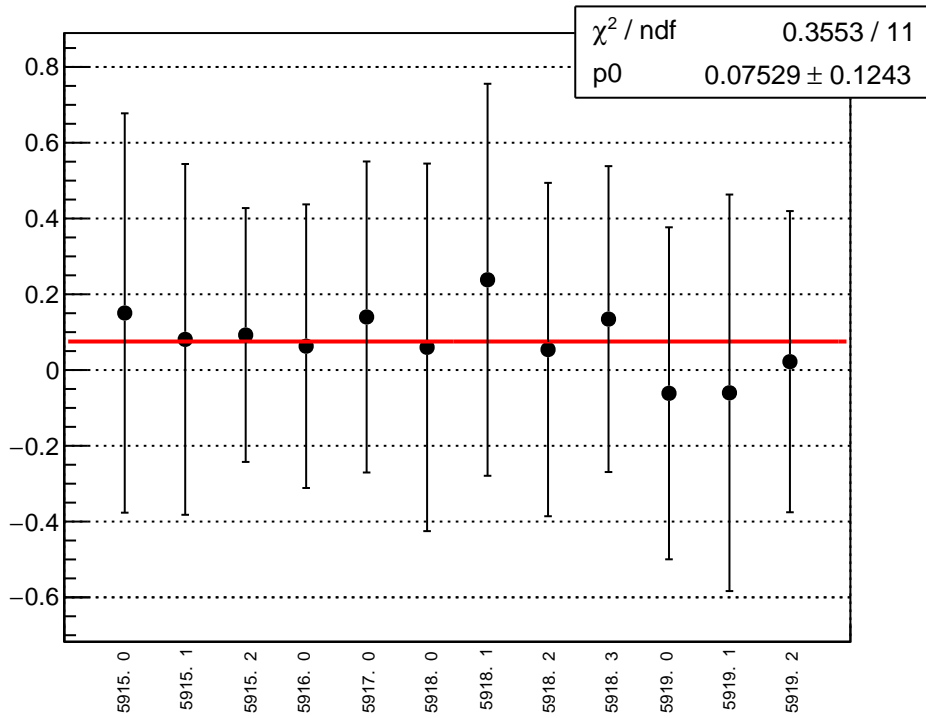
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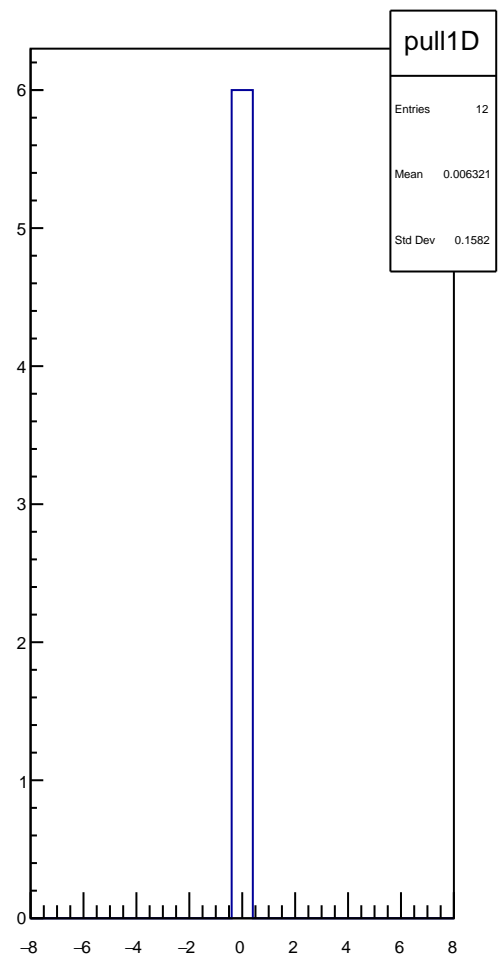
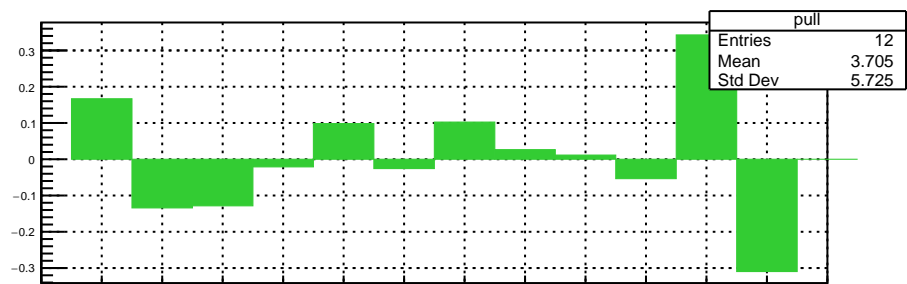
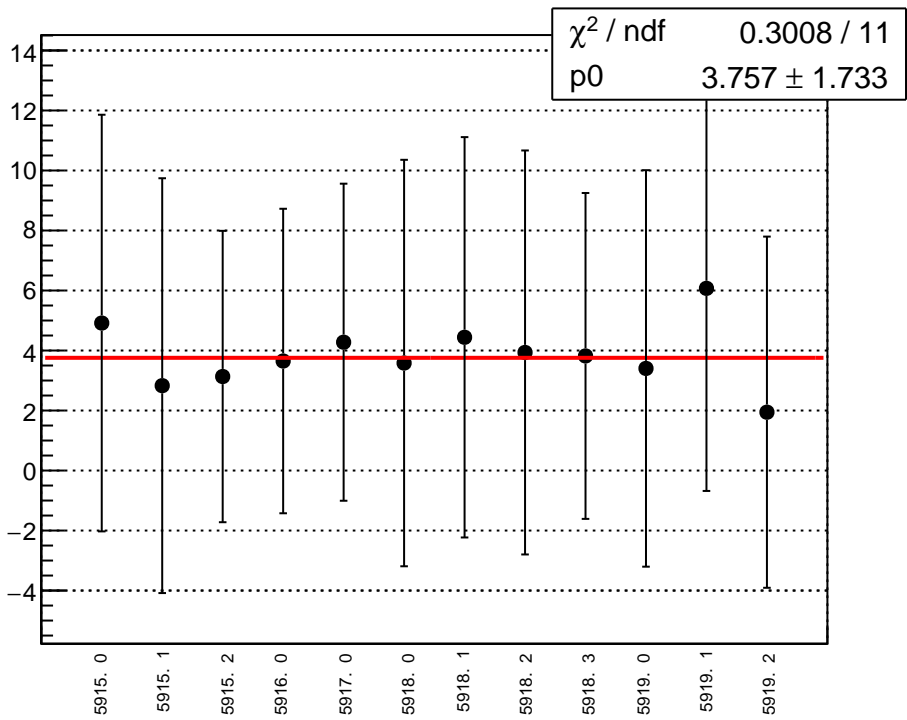
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reg\_asym\_sam\_13\_57\_dd\_diff\_bpm12X\_slope vs run

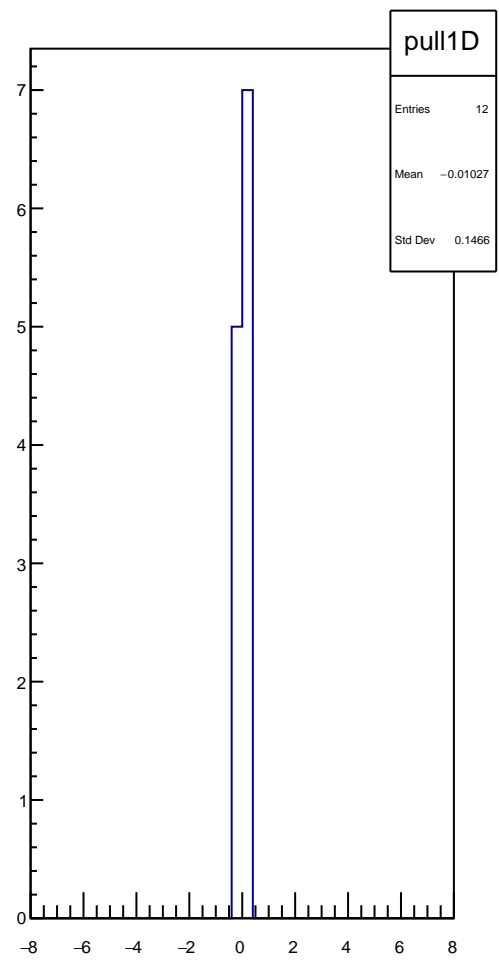
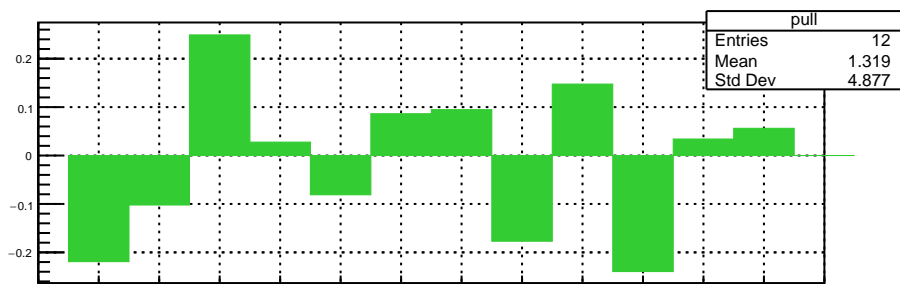
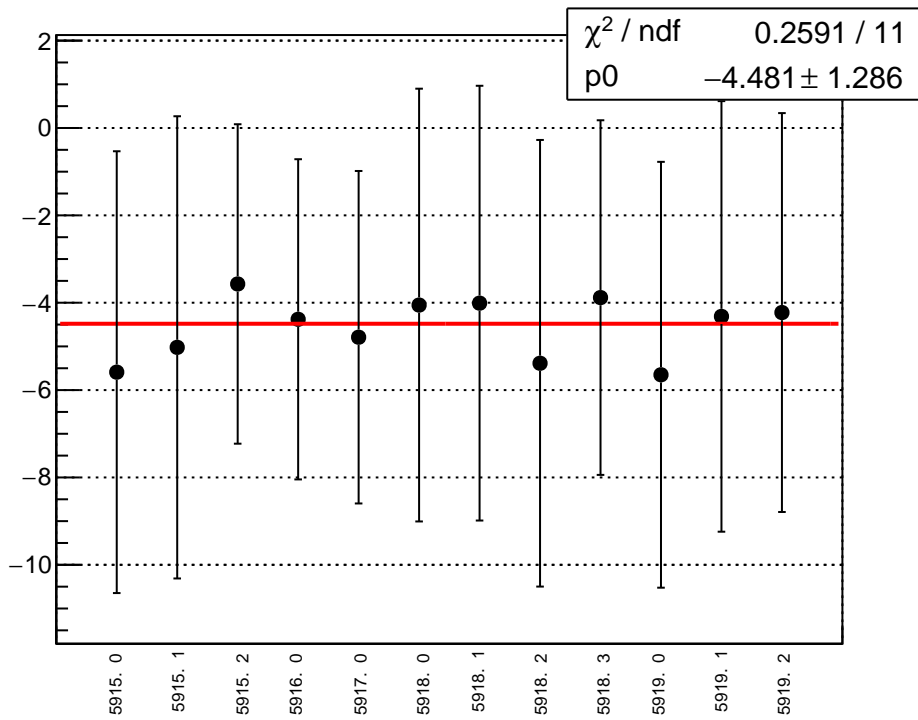


reg\_asym\_sam\_15\_37\_dd\_diff\_bpm4aX\_slope vs run

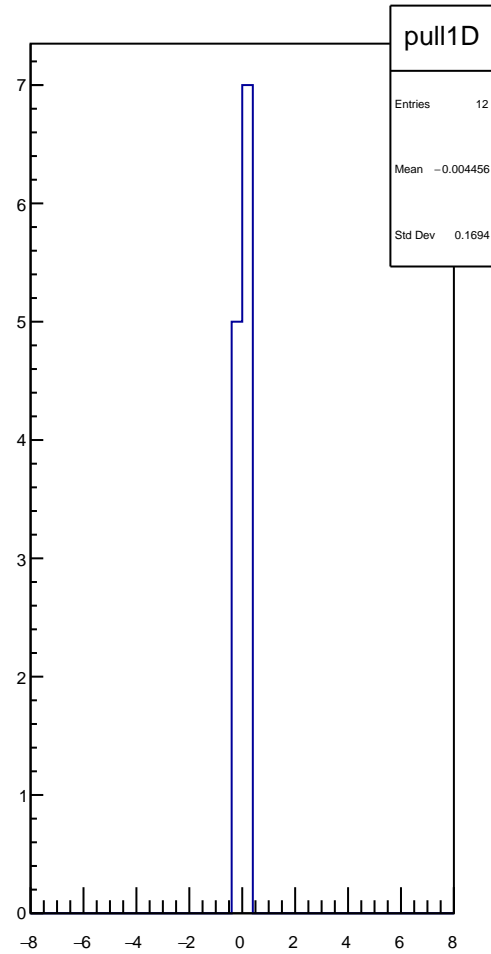
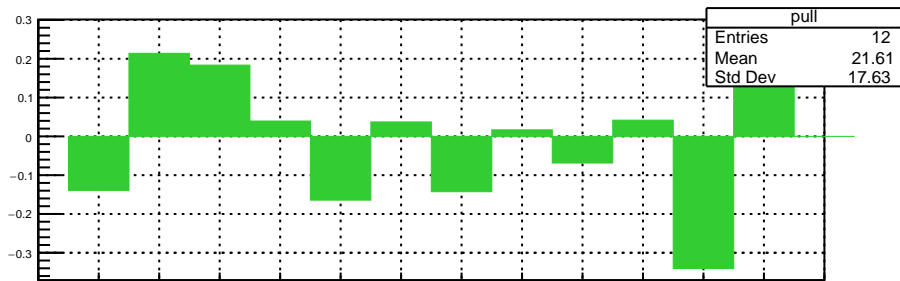
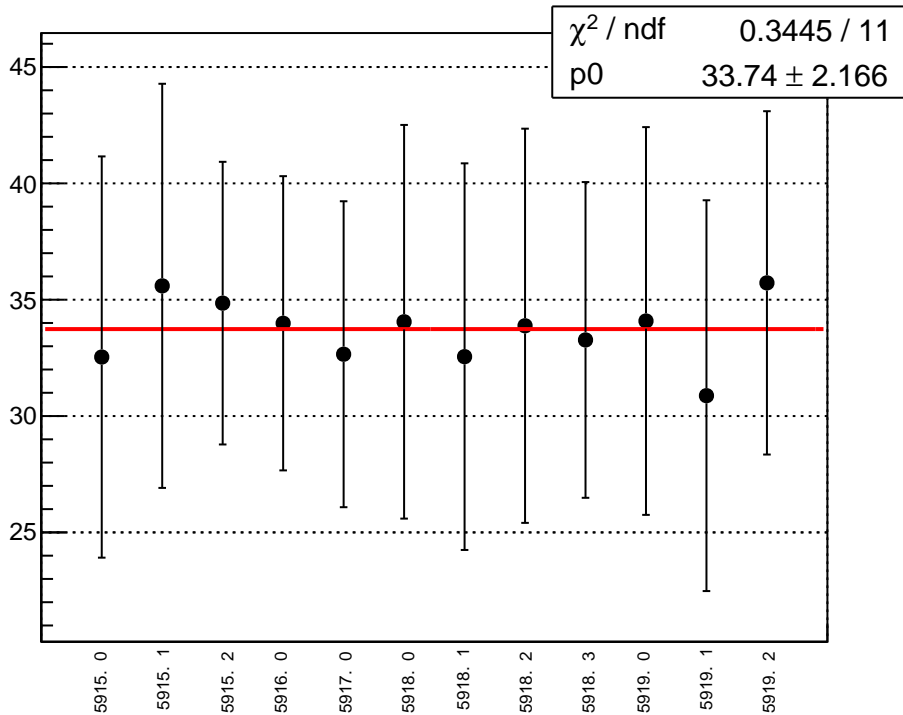




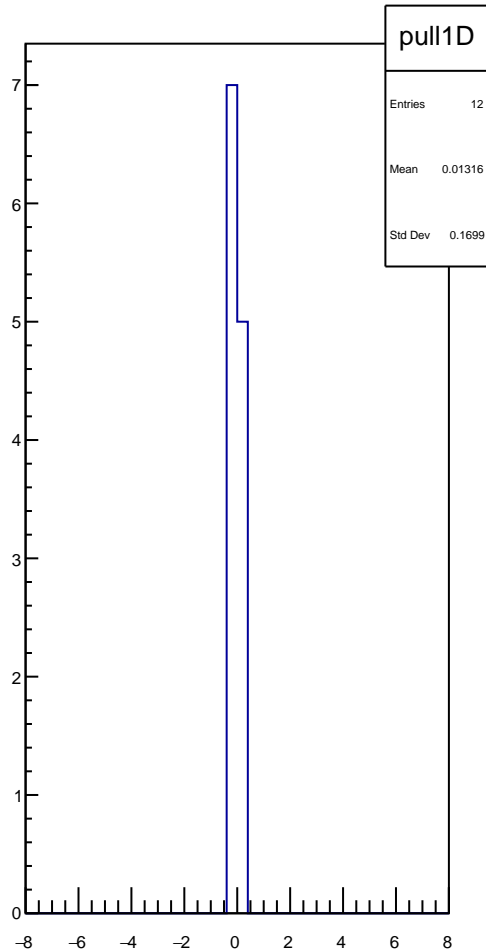
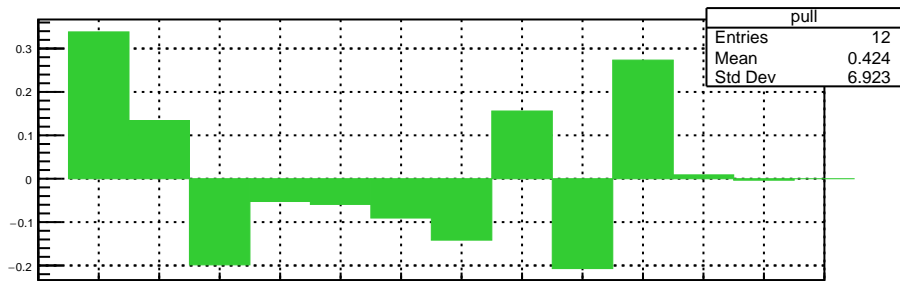
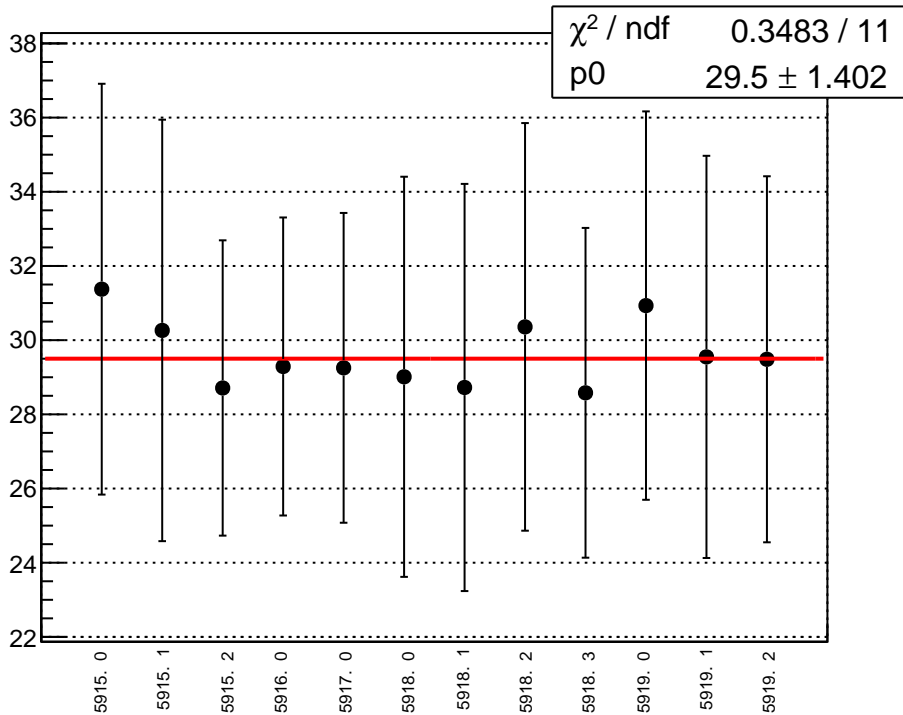
reg\_asym\_sam\_15\_37\_dd\_diff\_bpm4aY\_slope vs run



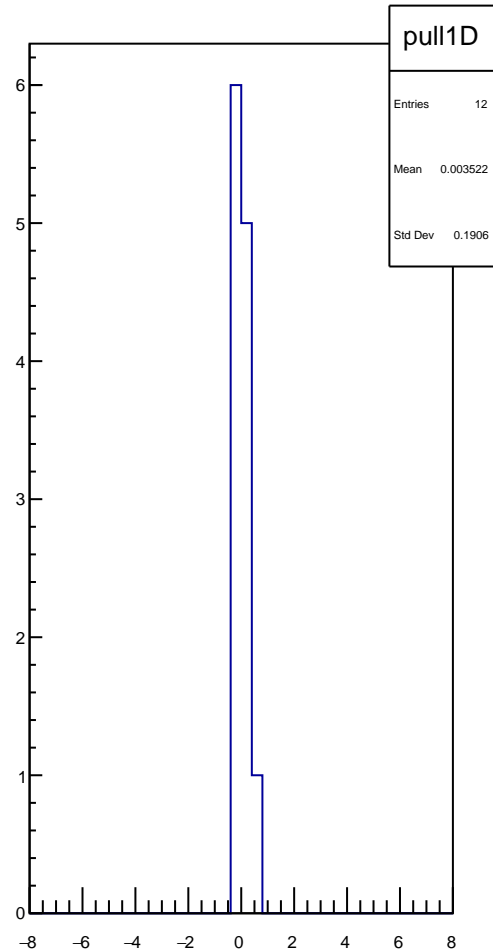
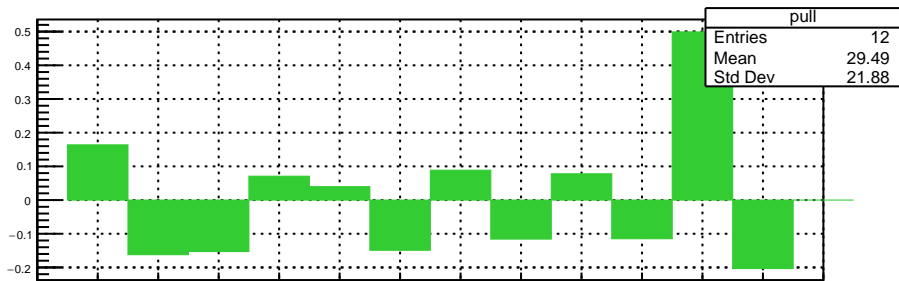
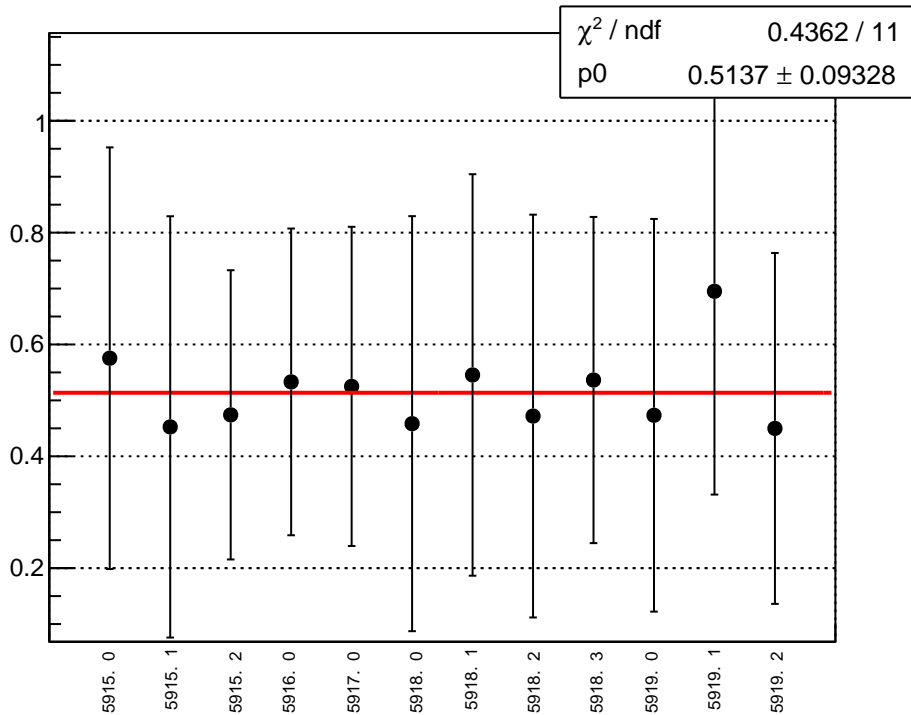
reg\_asym\_sam\_15\_37\_dd\_diff\_bpm4eX\_slope vs run



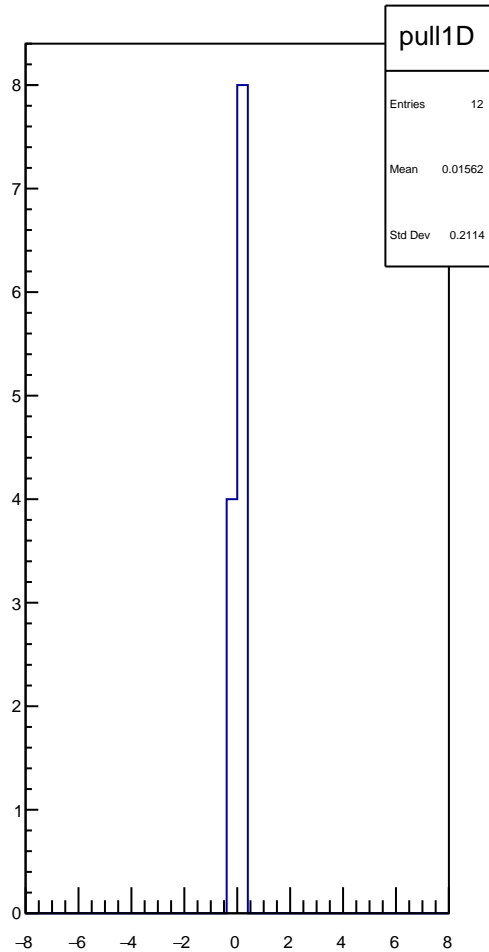
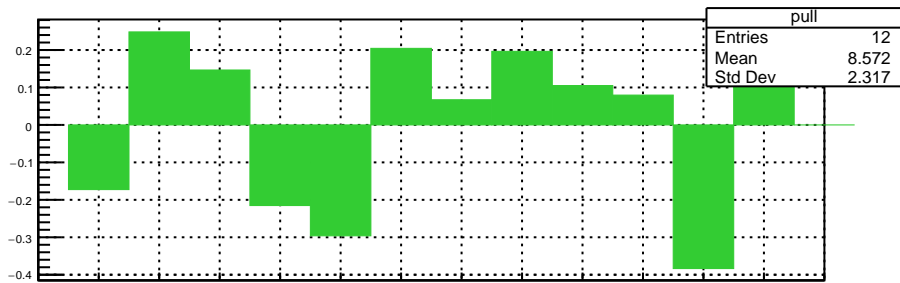
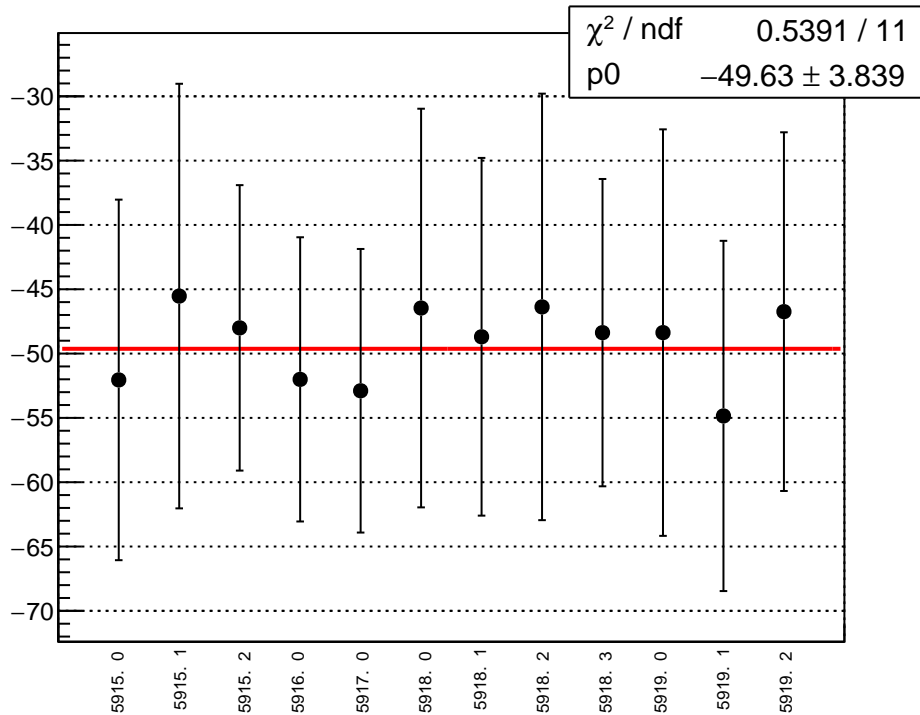
reg\_asym\_sam\_15\_37\_dd\_diff\_bpm4eY\_slope vs run



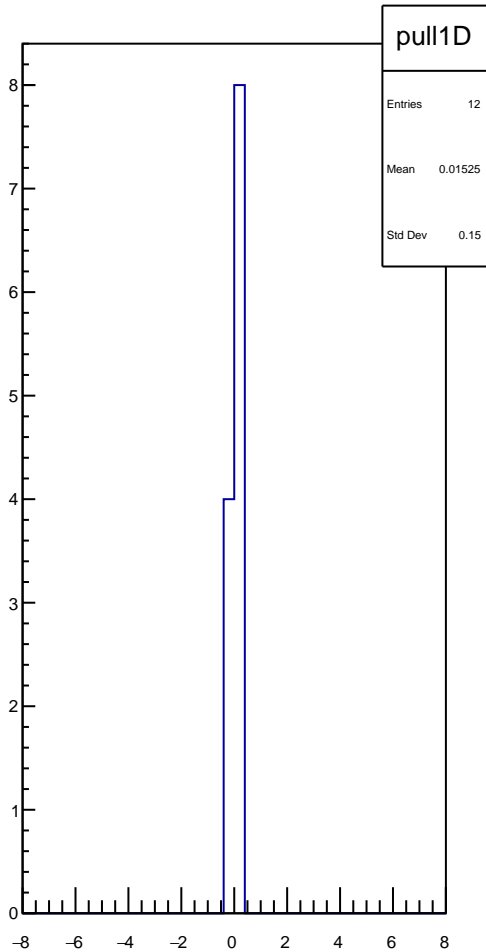
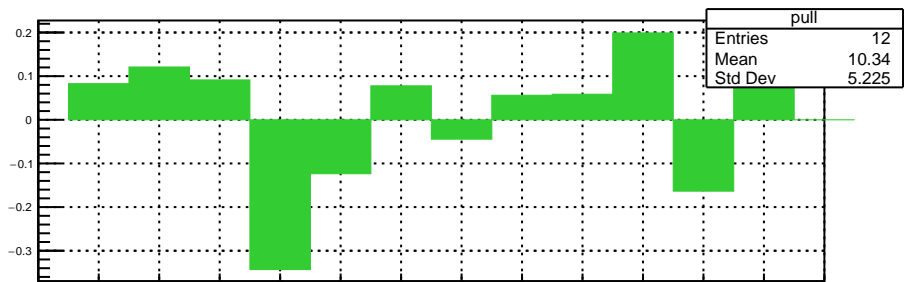
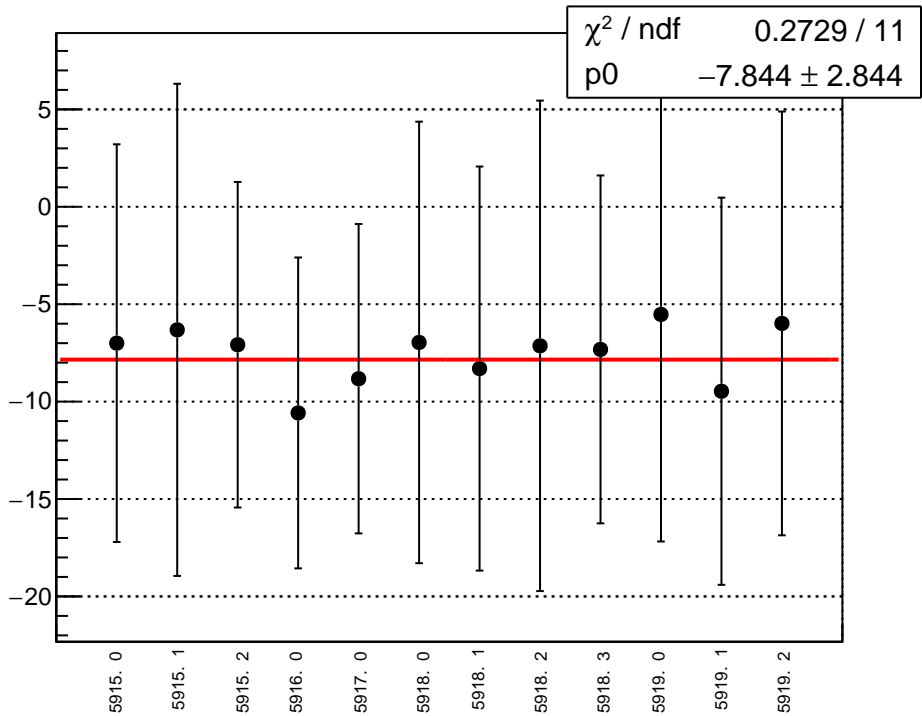
reg\_asym\_sam\_15\_37\_dd\_diff\_bpm12X\_slope vs run



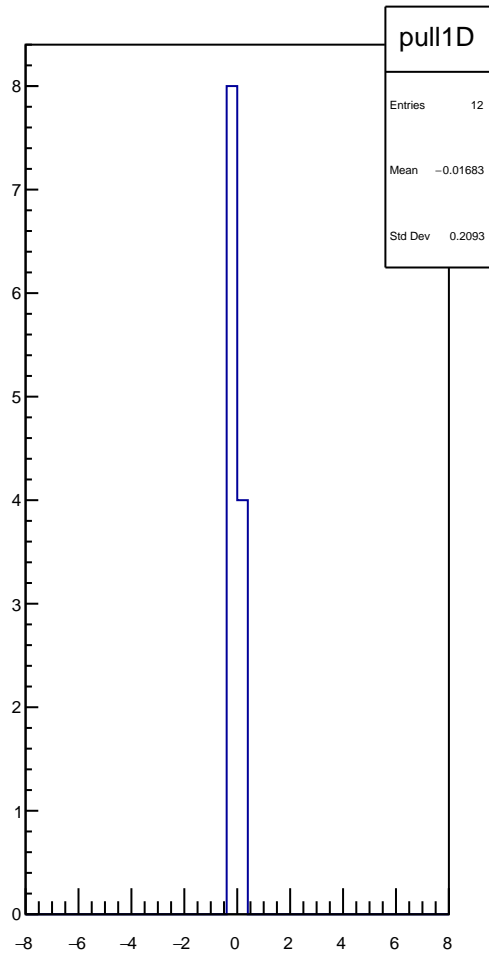
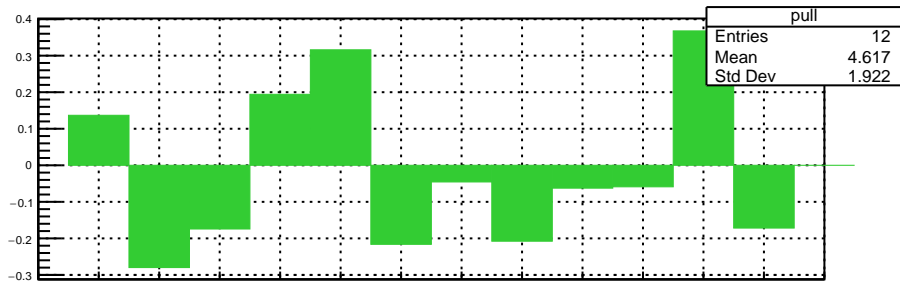
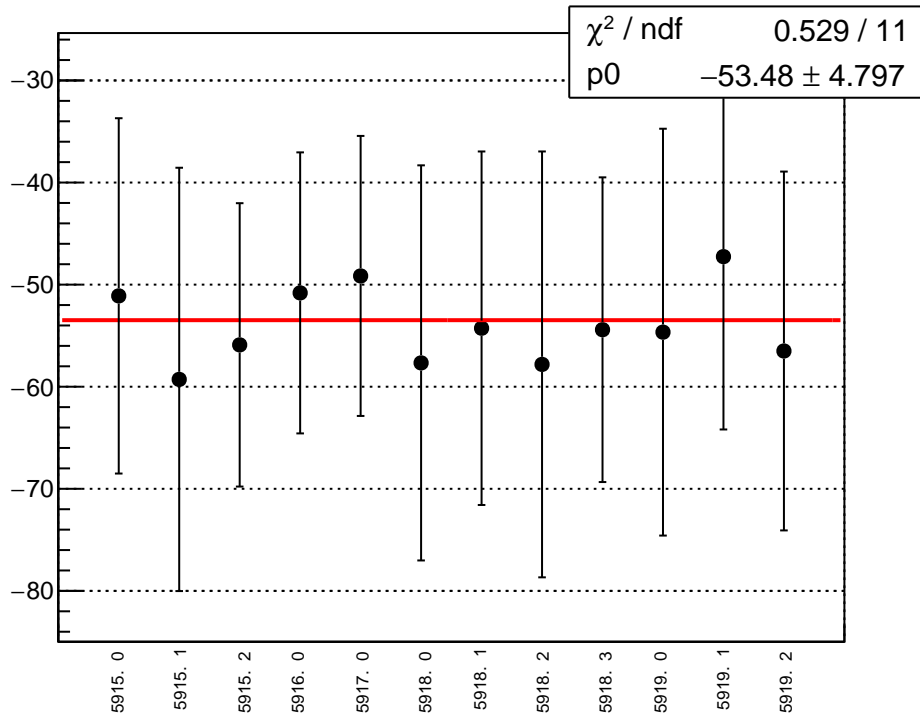
reg\_asym\_sam\_24\_68\_dd\_diff\_bpm4aX\_slope vs run



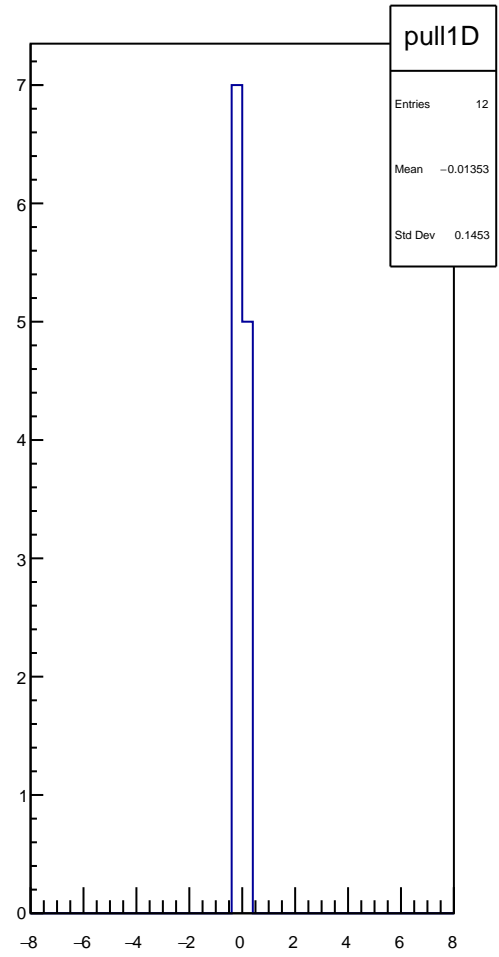
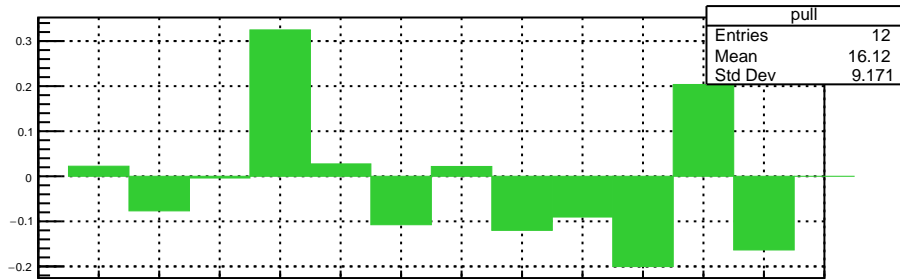
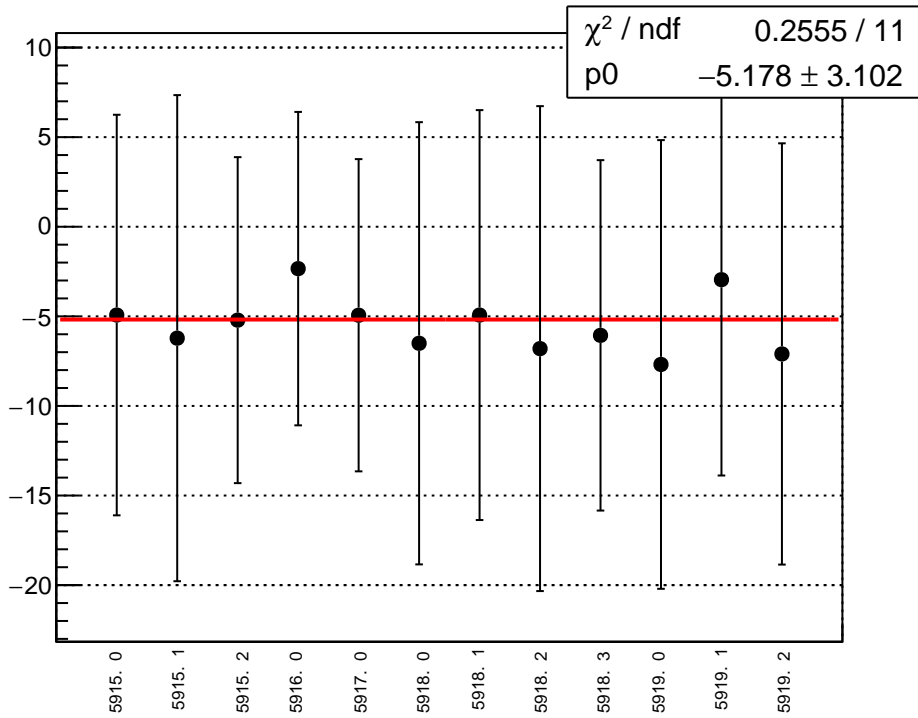
reg\_asym\_sam\_24\_68\_dd\_diff\_bpm4aY\_slope vs run



reg\_asym\_sam\_24\_68\_dd\_diff\_bpm4eX\_slope vs run

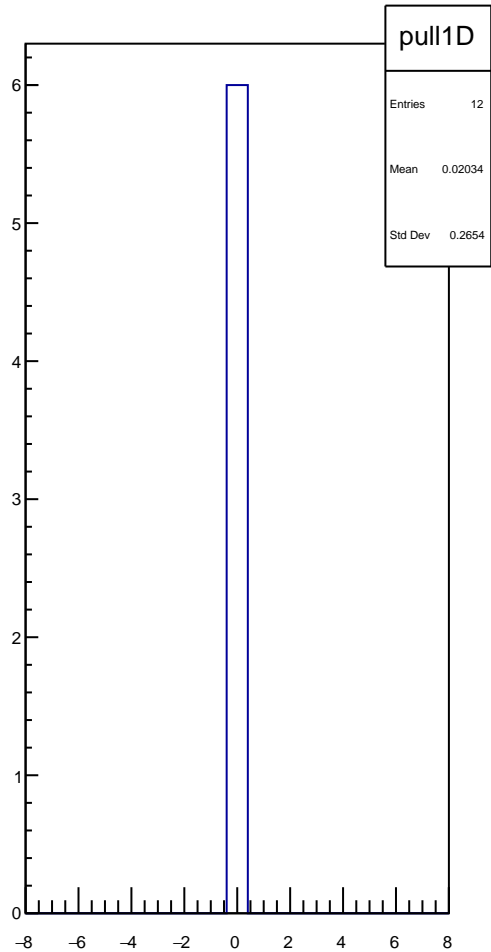
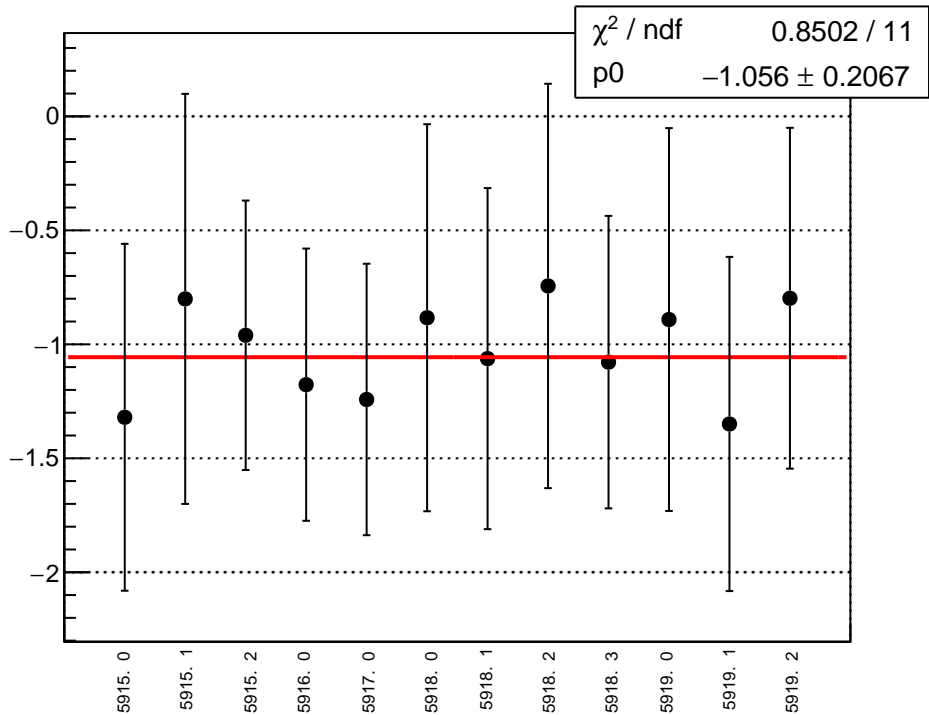


reg\_asym\_sam\_24\_68\_dd\_diff\_bpm4eY\_slope vs run

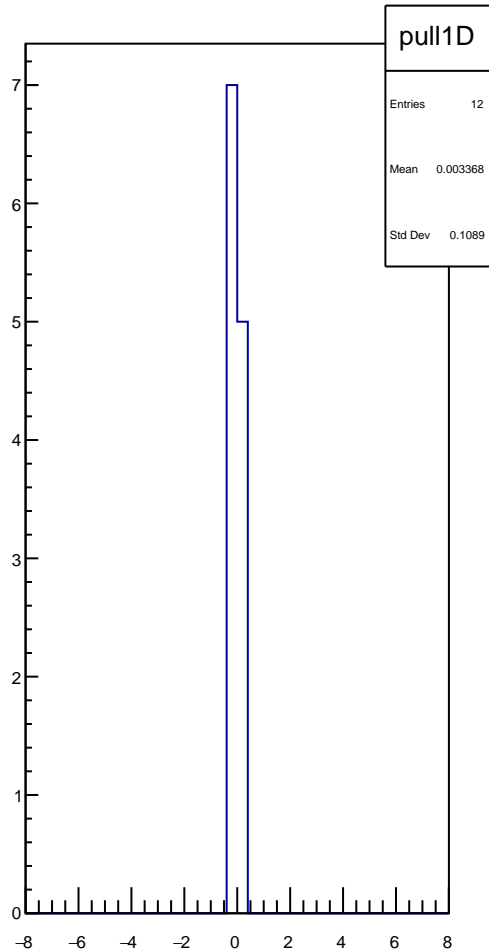
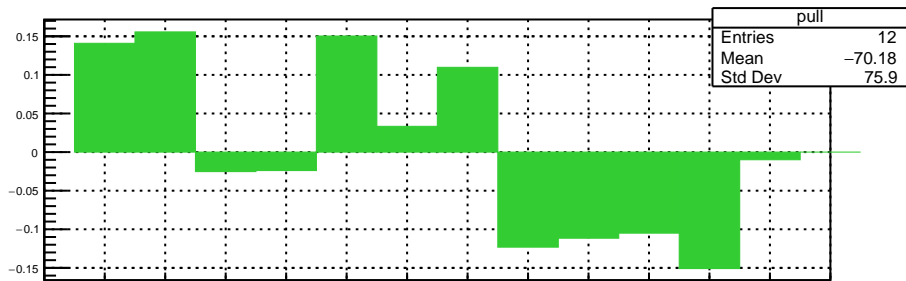
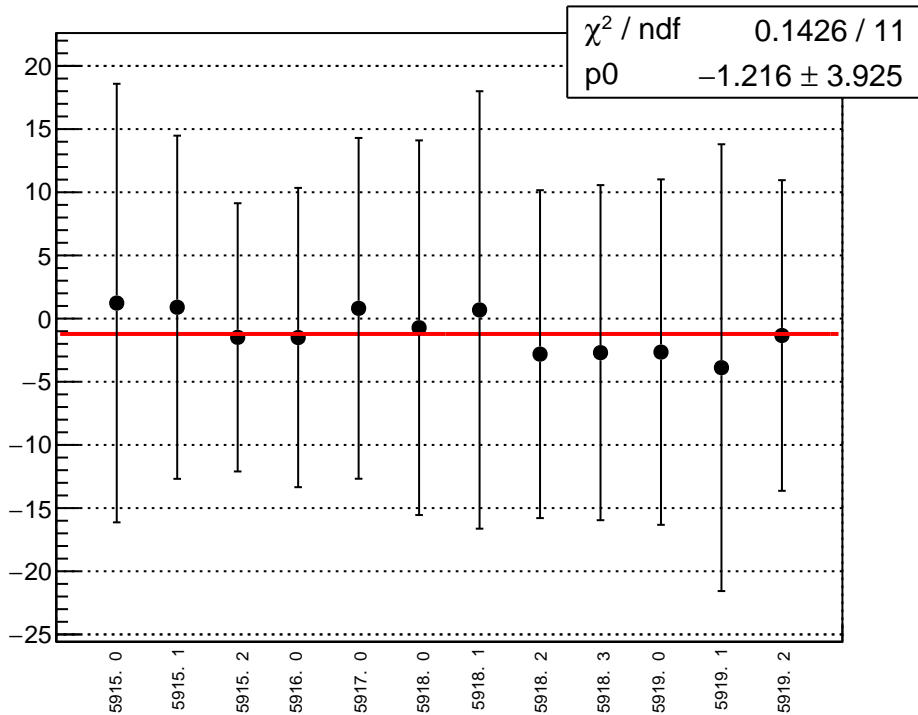




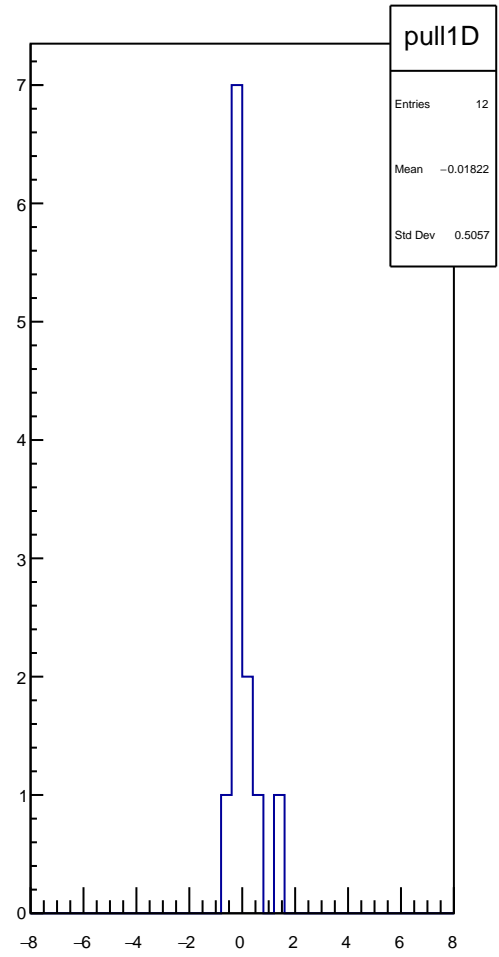
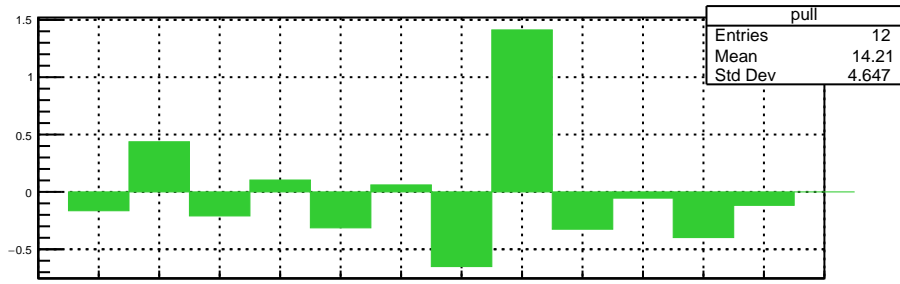
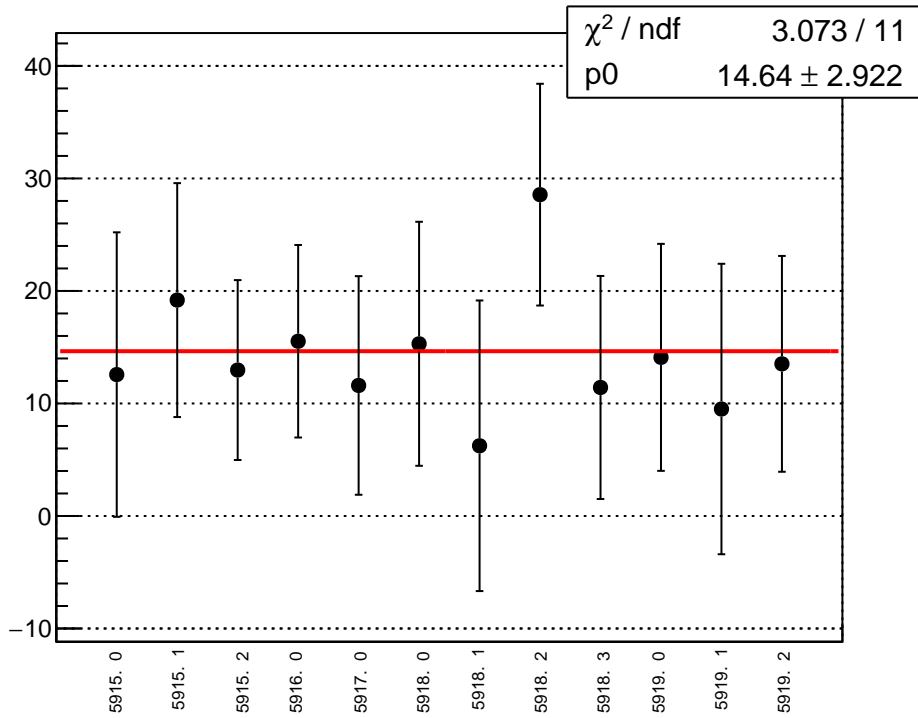
reg\_asym\_sam\_24\_68\_dd\_diff\_bpm12X\_slope vs run



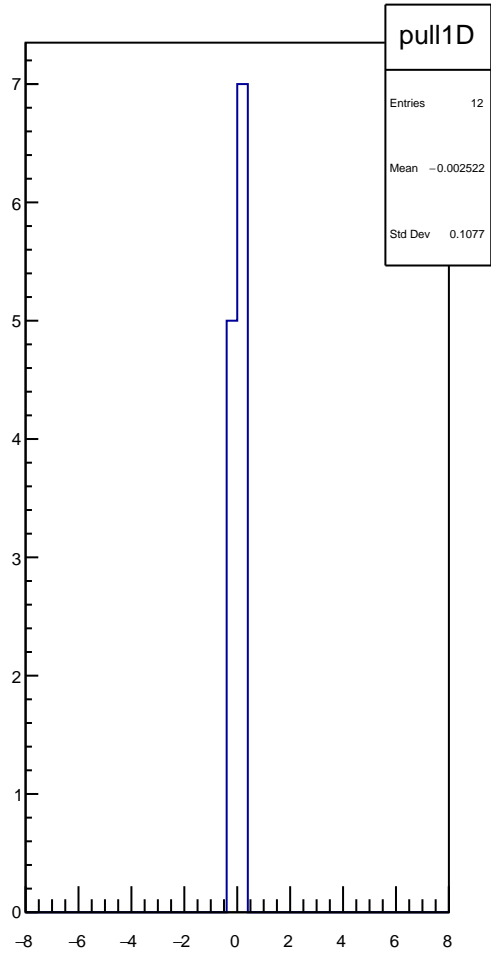
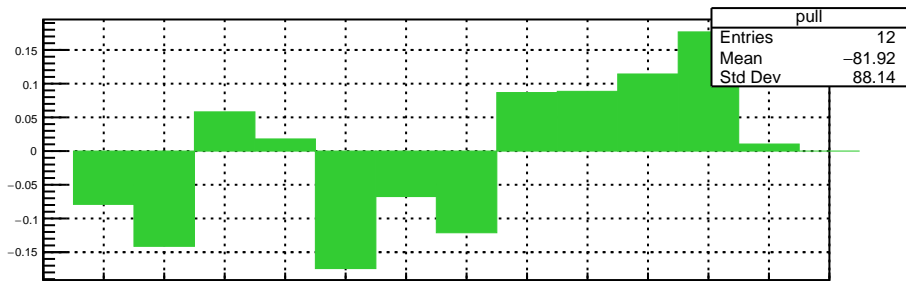
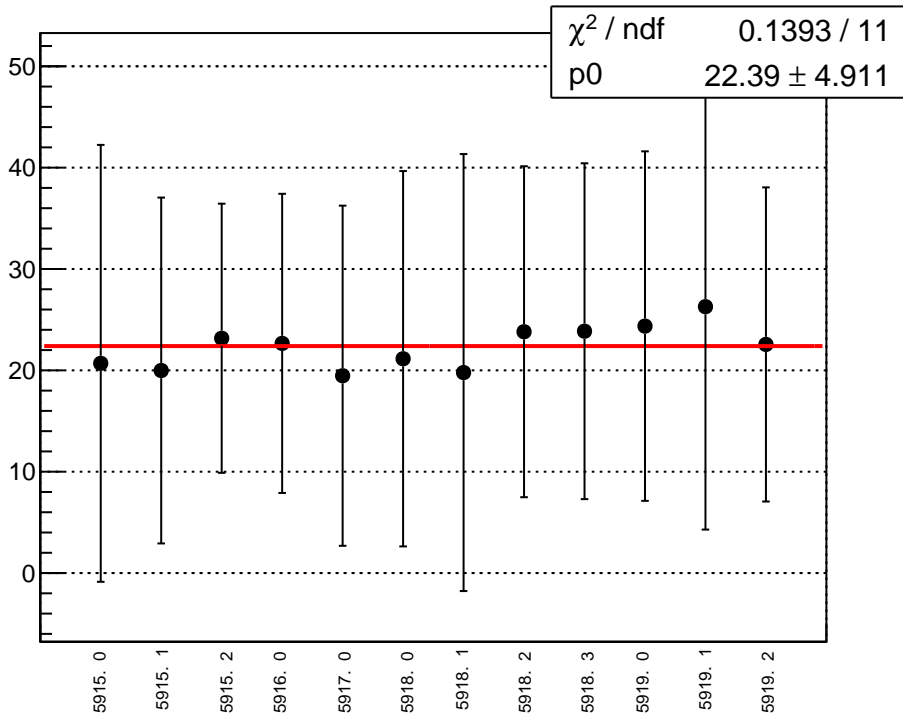
reg\_asym\_sam\_26\_48\_dd\_diff\_bpm4aX\_slope vs run



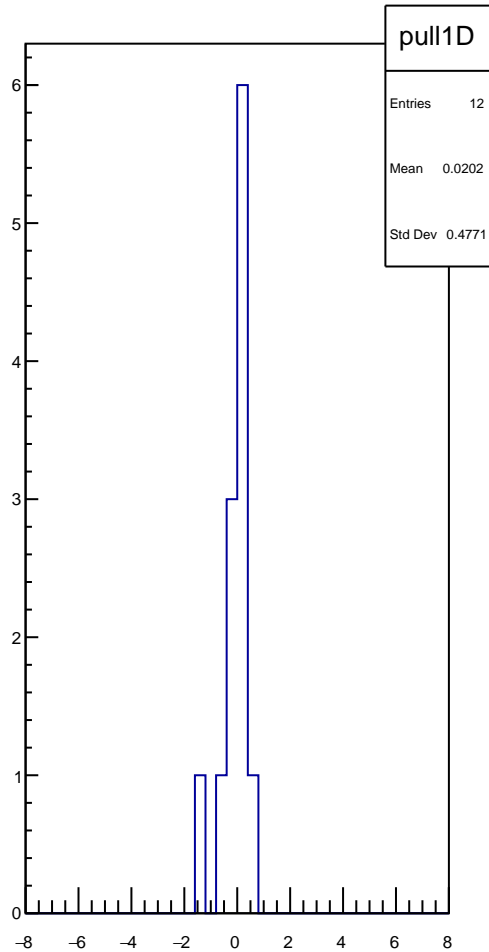
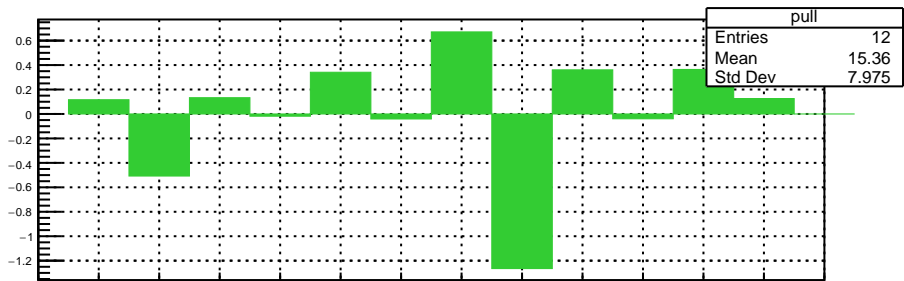
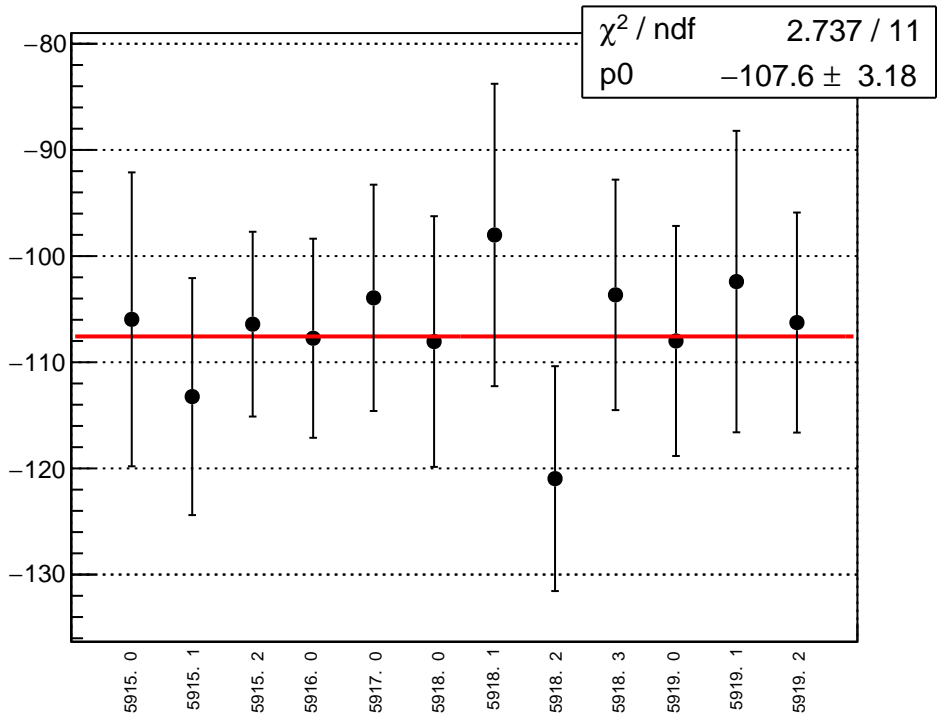
reg\_asym\_sam\_26\_48\_dd\_diff\_bpm4aY\_slope vs run



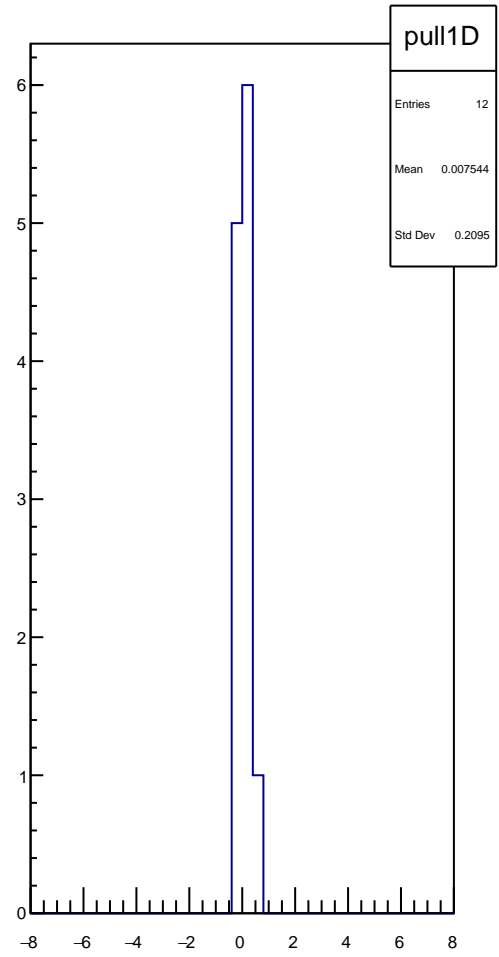
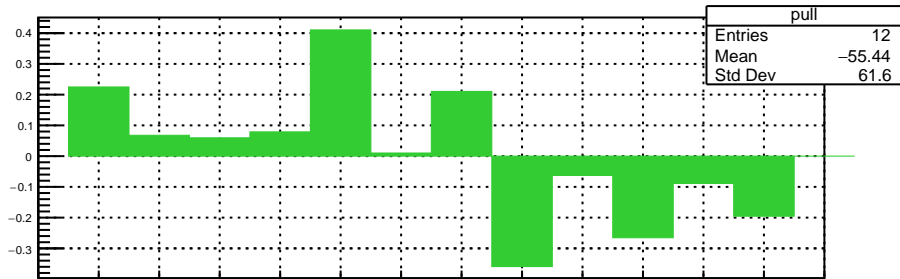
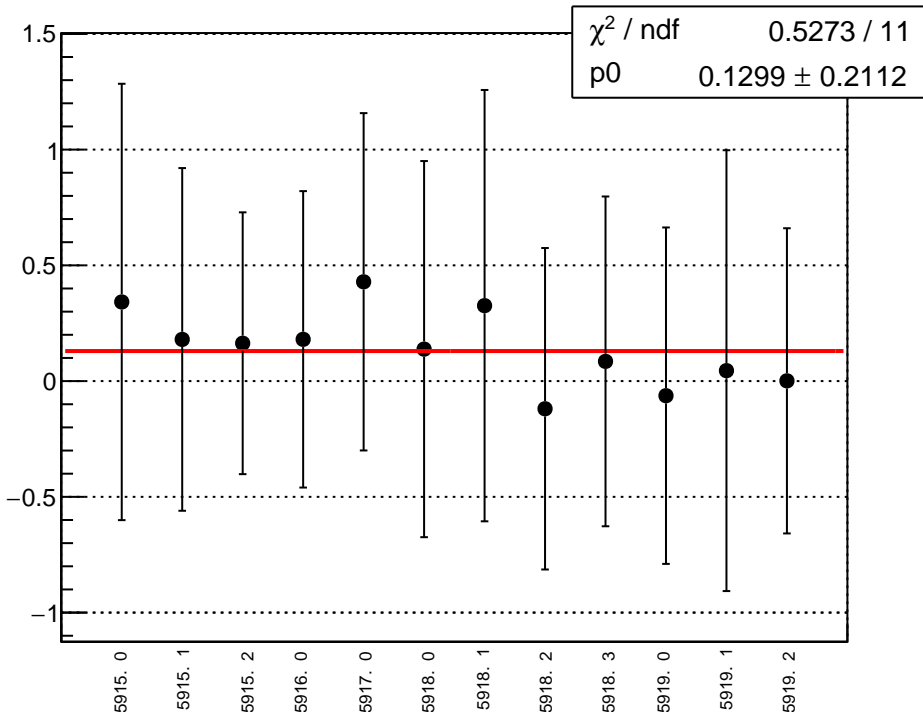
reg\_asym\_sam\_26\_48\_dd\_diff\_bpm4eX\_slope vs run



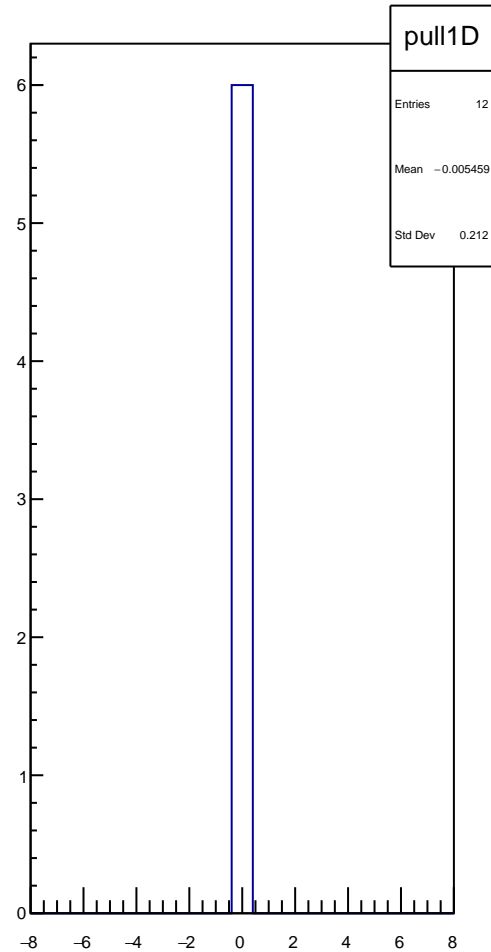
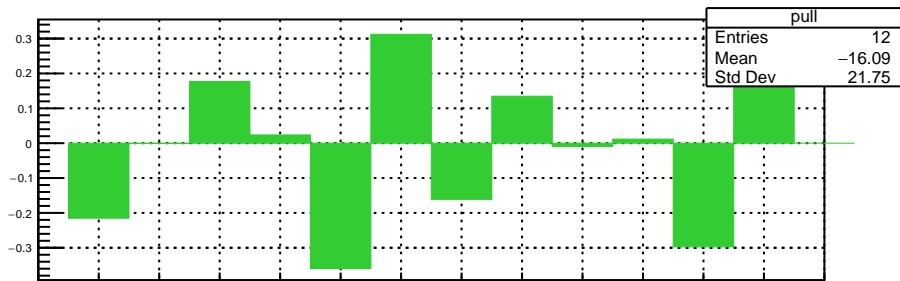
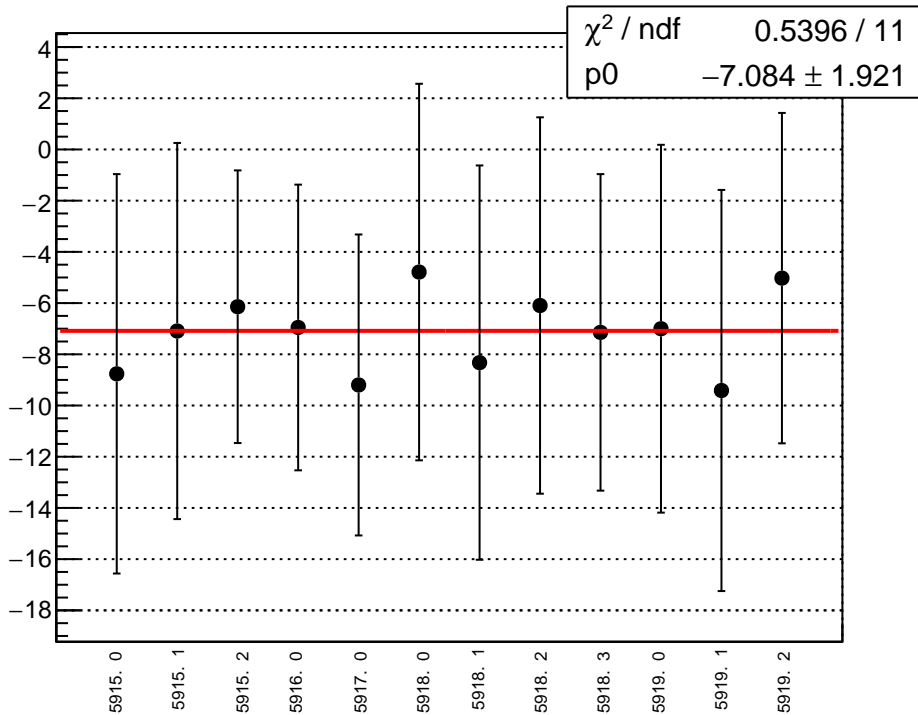
reg\_asym\_sam\_26\_48\_dd\_diff\_bpm4eY\_slope vs run



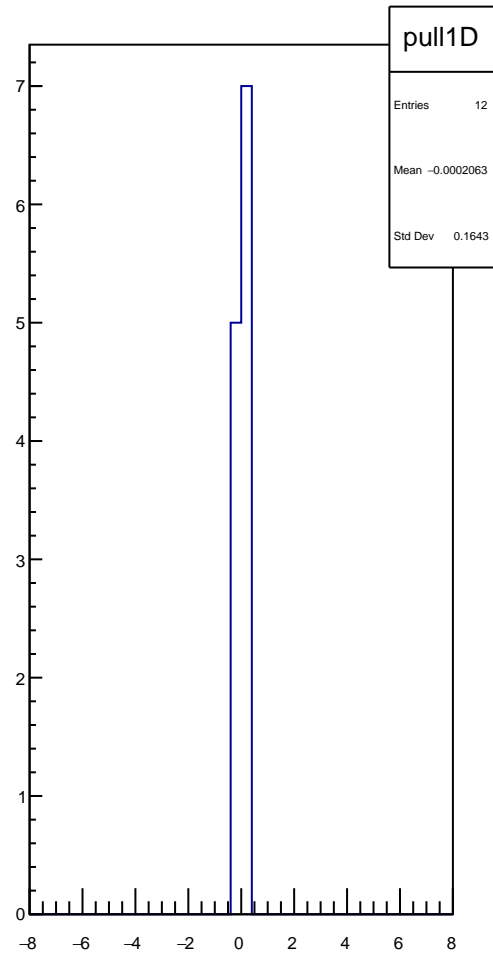
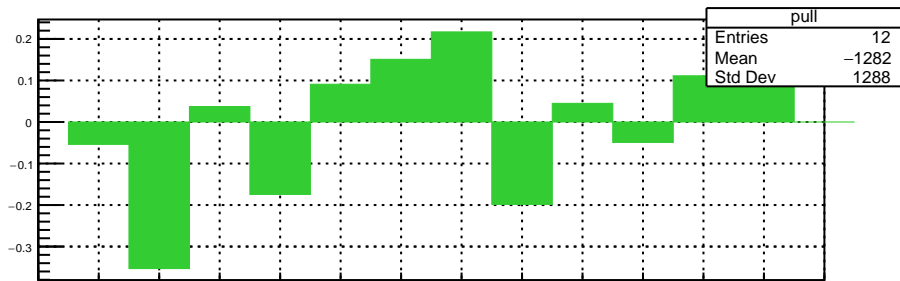
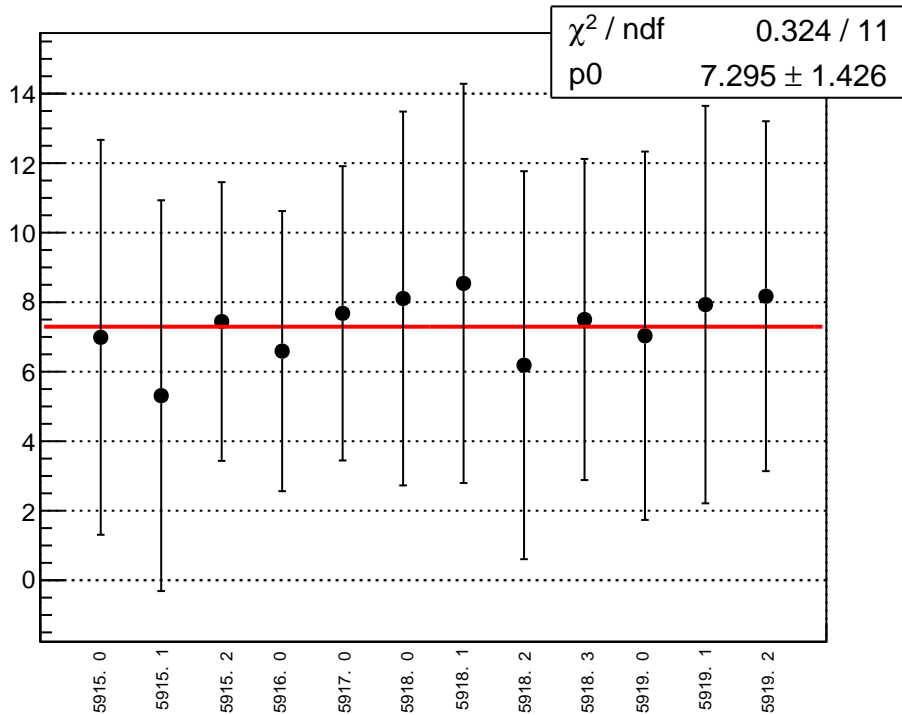
reg\_asym\_sam\_26\_48\_dd\_diff\_bpm12X\_slope vs run



reg\_asym\_sam\_1357\_avg\_diff\_bpm4aX\_slope vs run

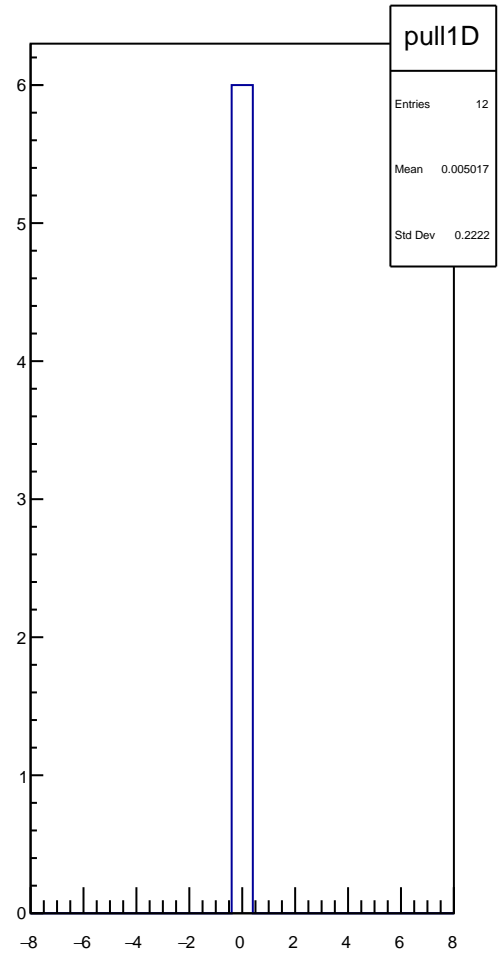
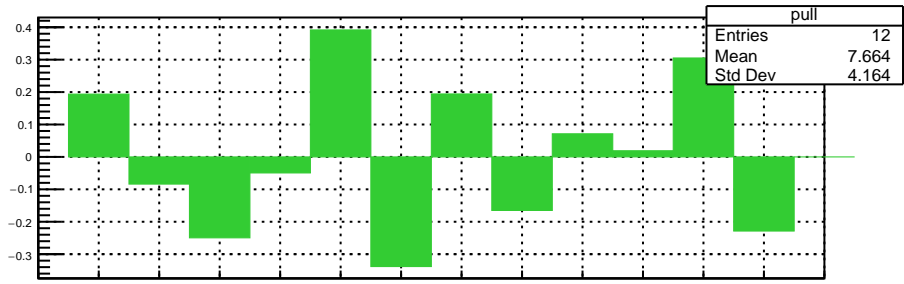
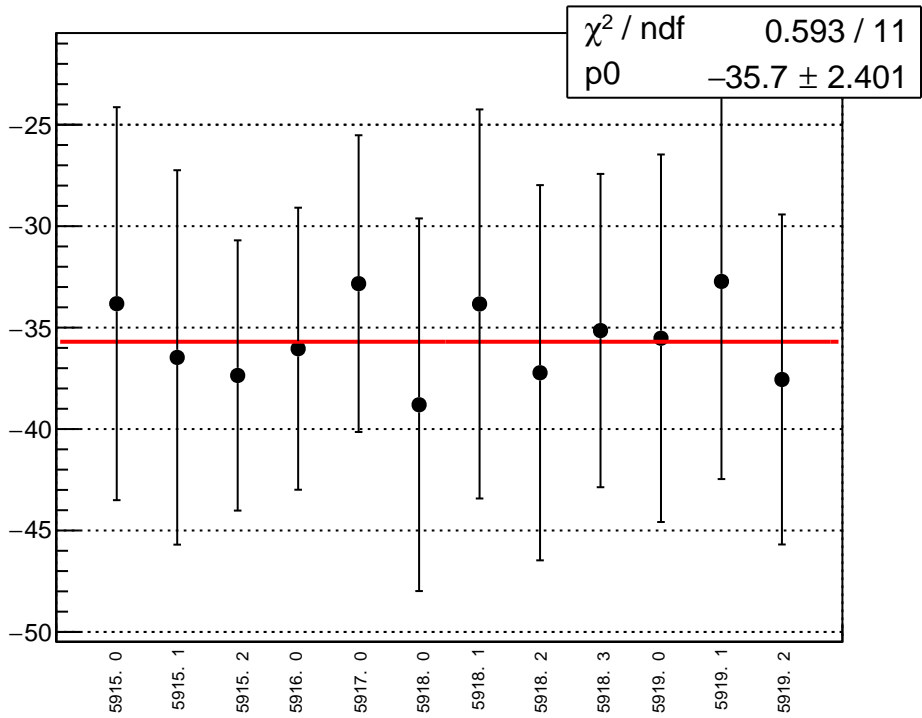


reg\_asym\_sam\_1357\_avg\_diff\_bpm4aY\_slope vs run

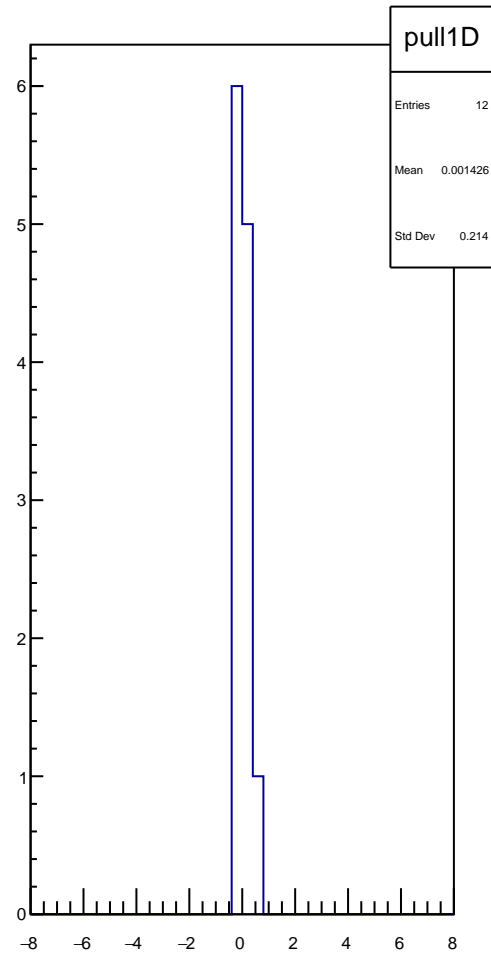
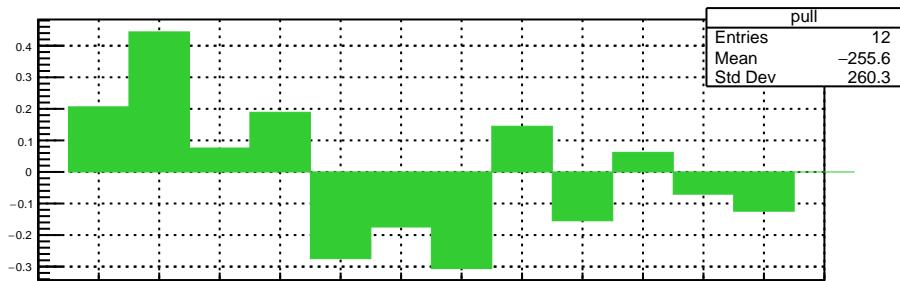
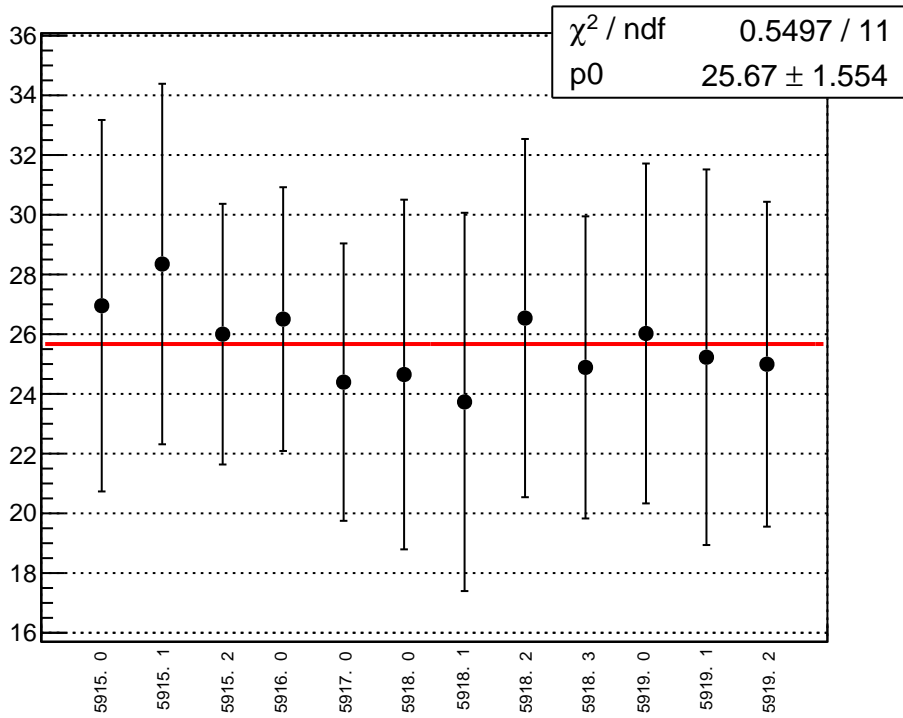




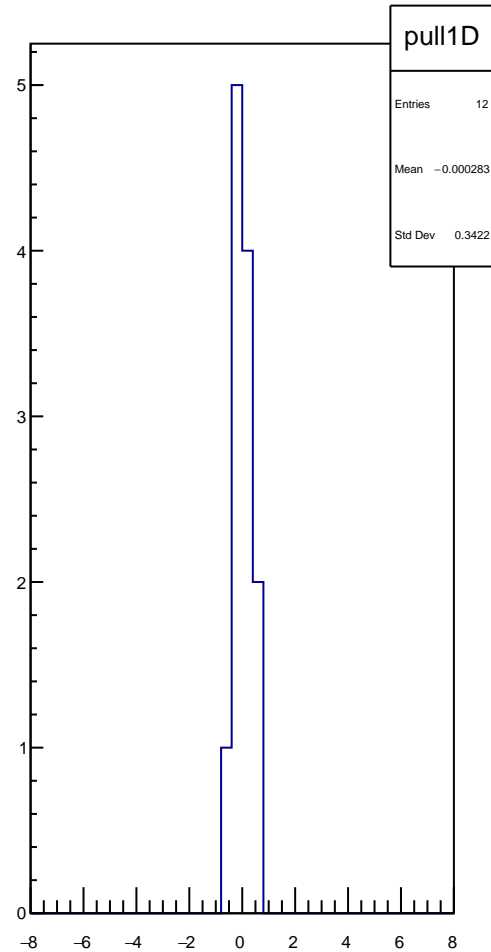
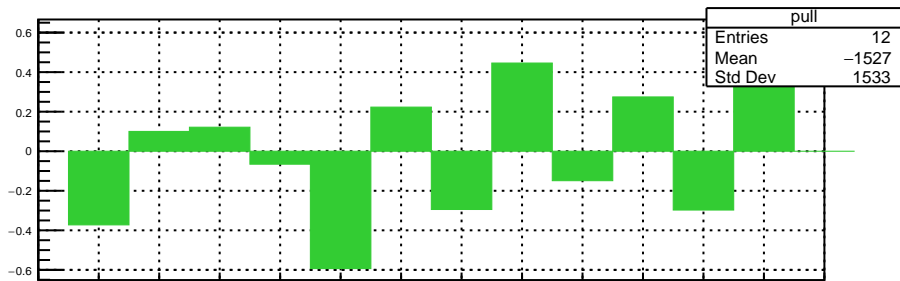
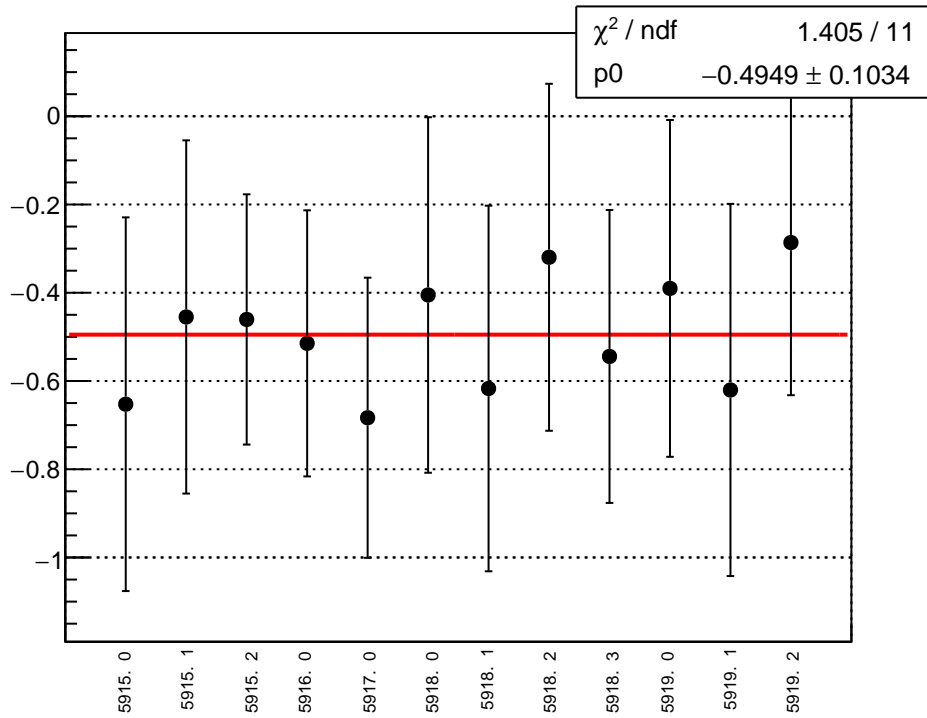
reg\_asym\_sam\_1357\_avg\_diff\_bpm4eX\_slope vs run



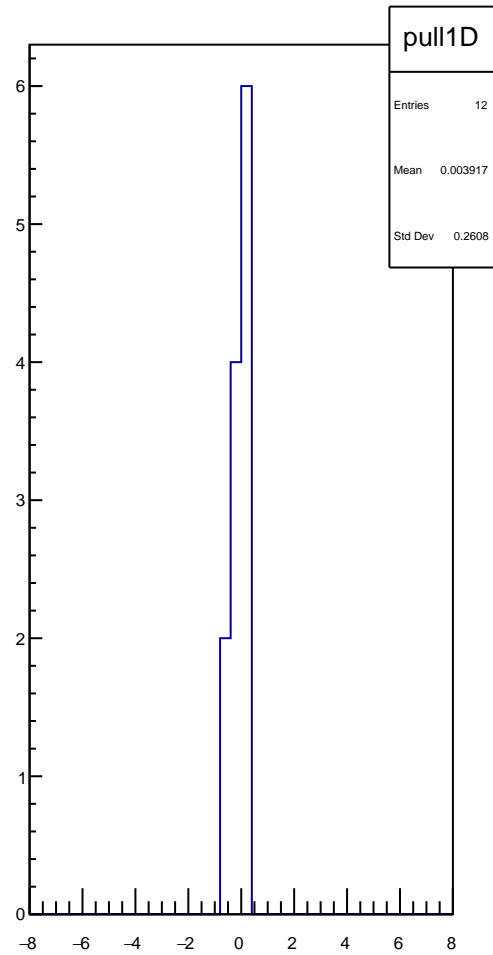
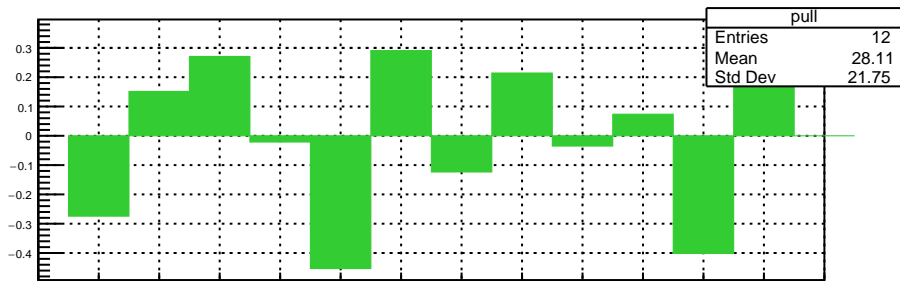
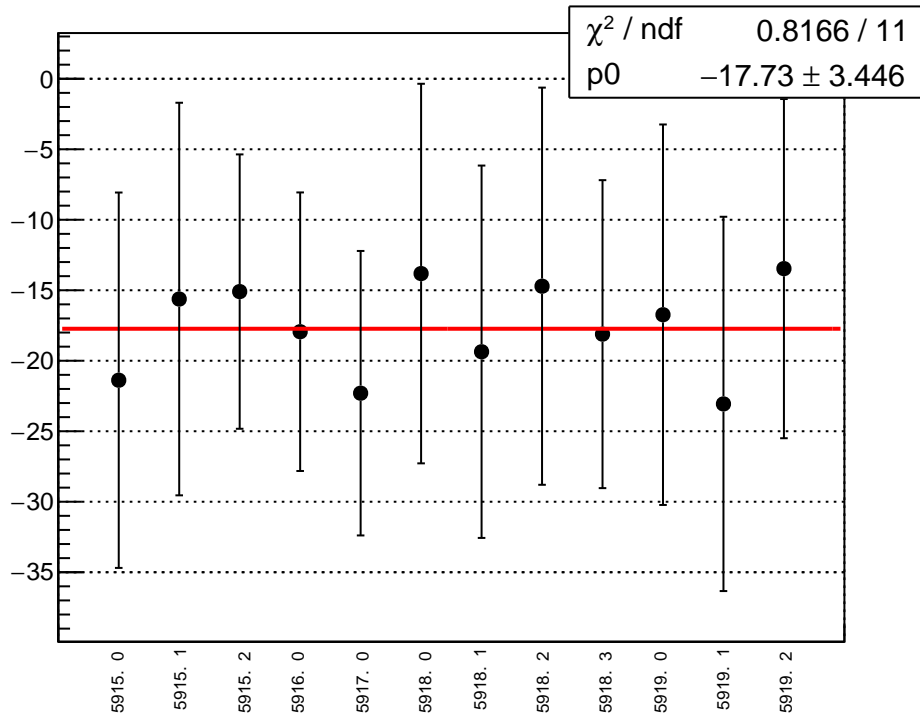
reg\_asym\_sam\_1357\_avg\_diff\_bpm4eY\_slope vs run



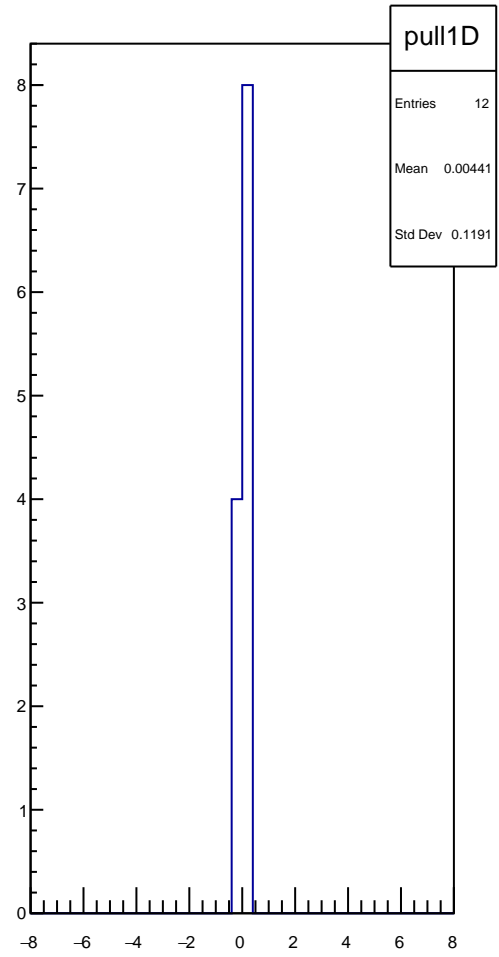
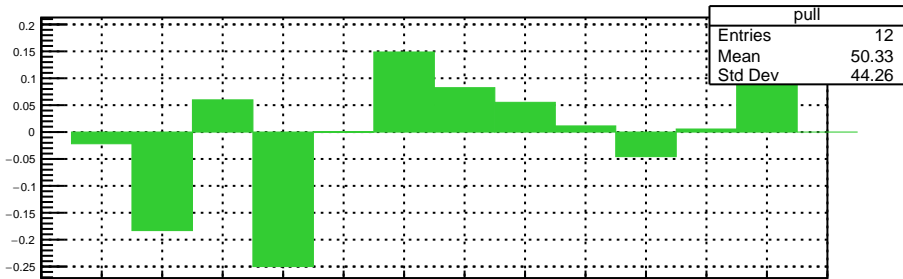
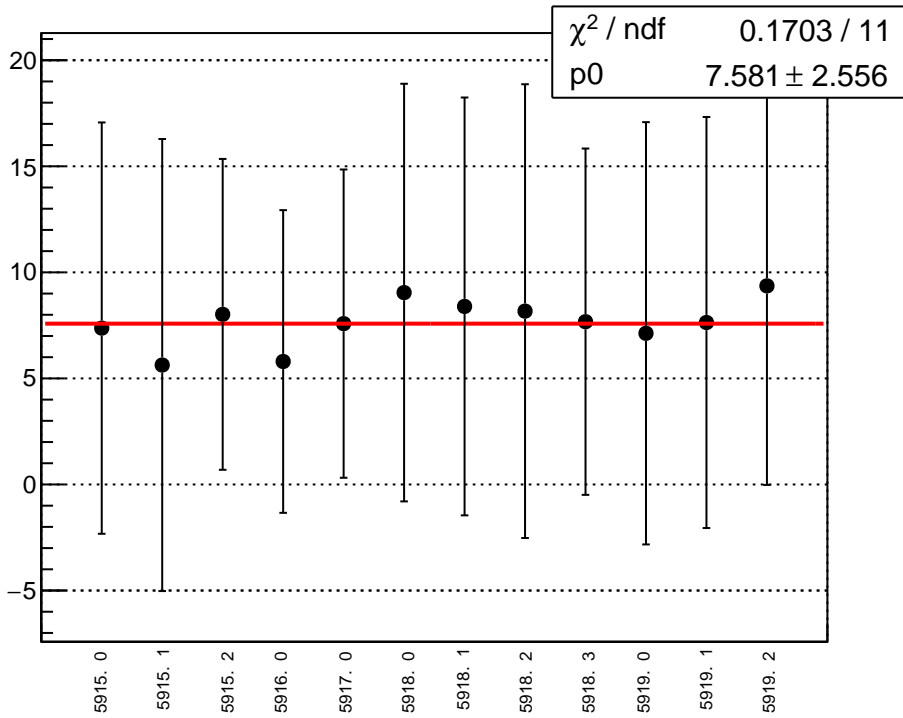
reg\_asym\_sam\_1357\_avg\_diff\_bpm12X\_slope vs run



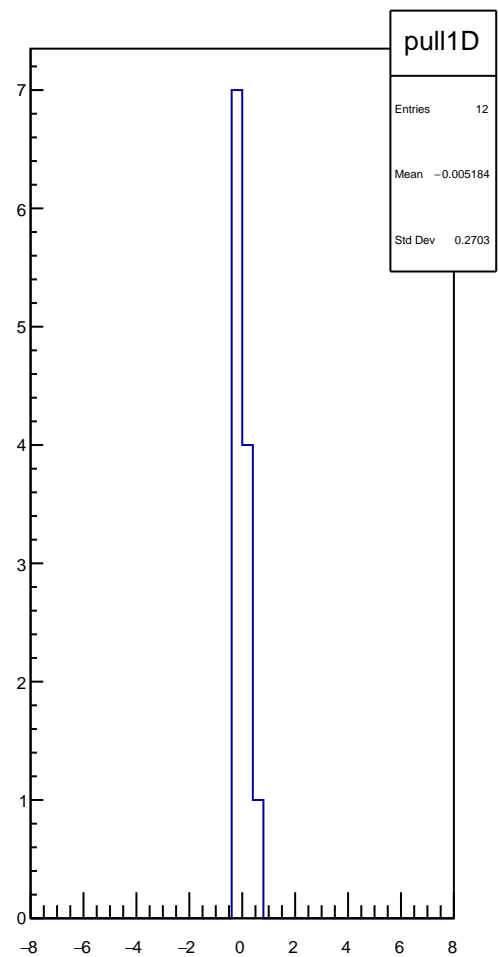
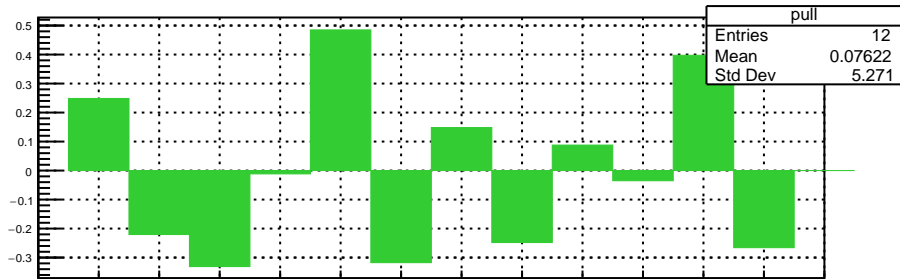
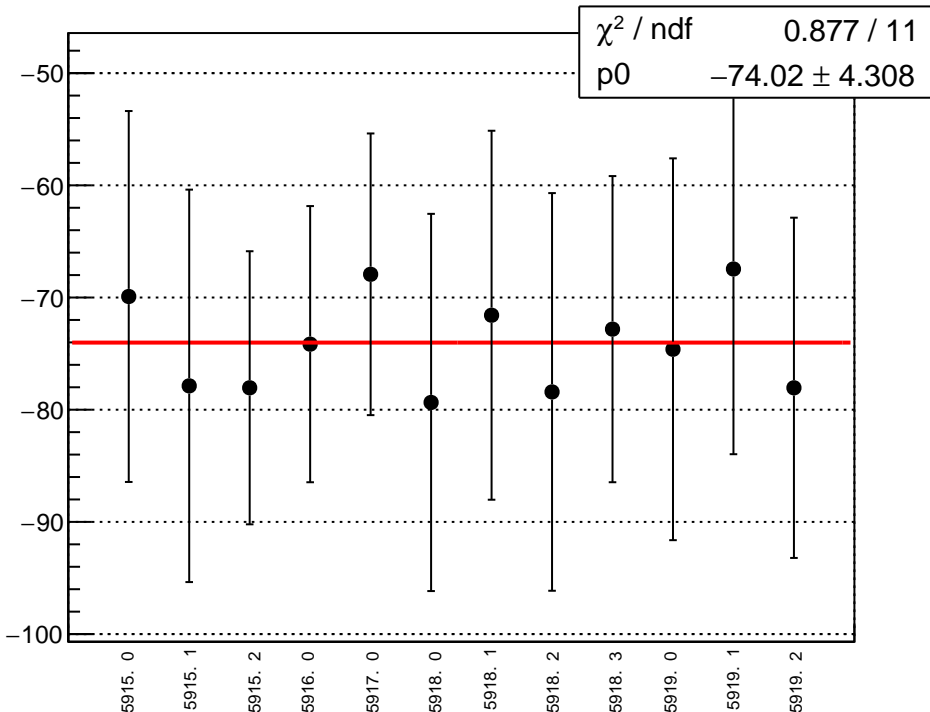
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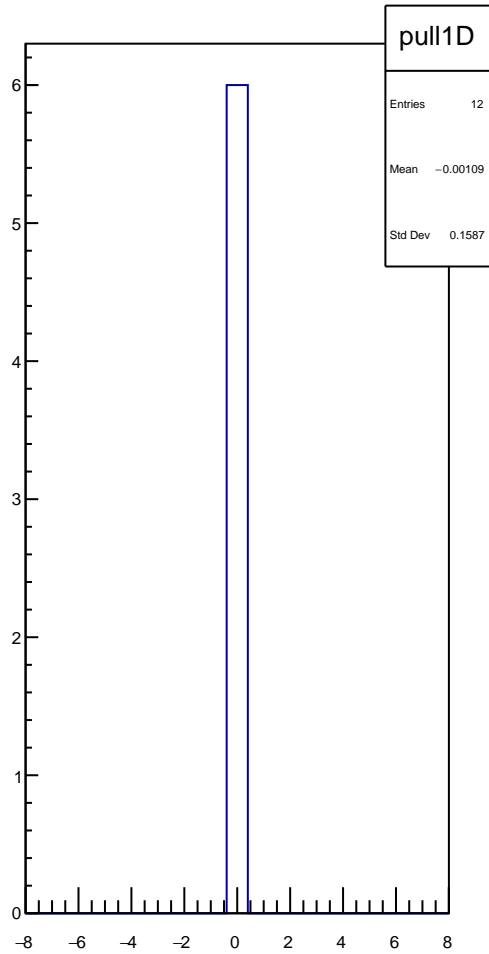
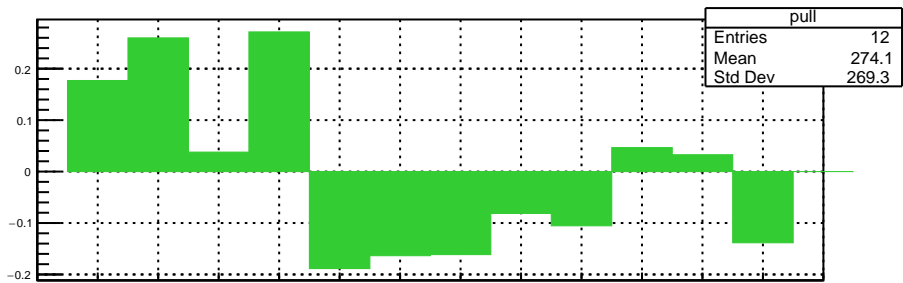
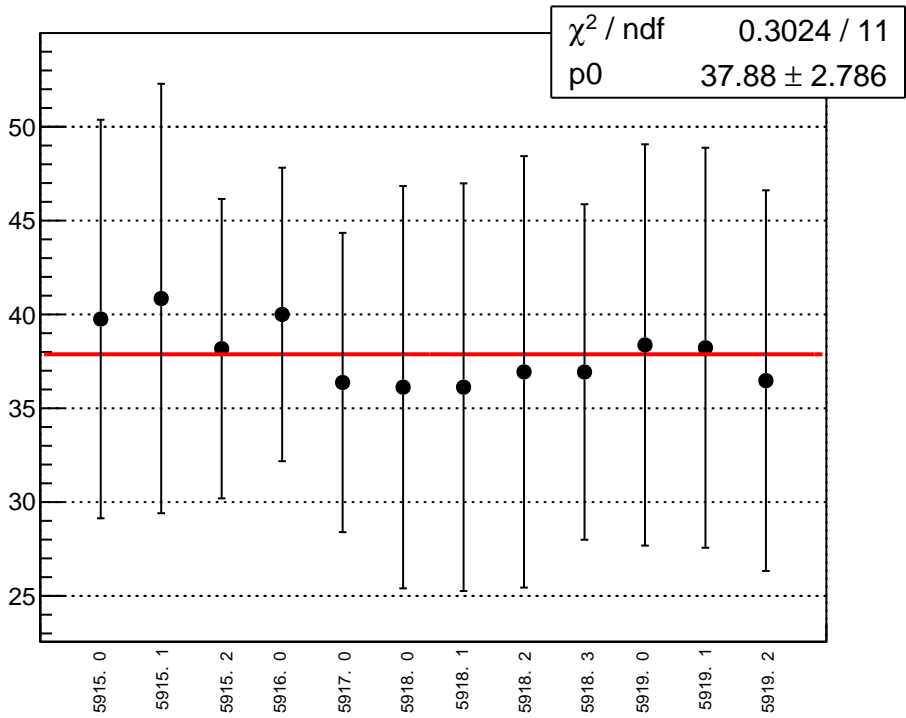
reg\_asym\_sam\_2468\_avg\_diff\_bpm4aY\_slope vs run



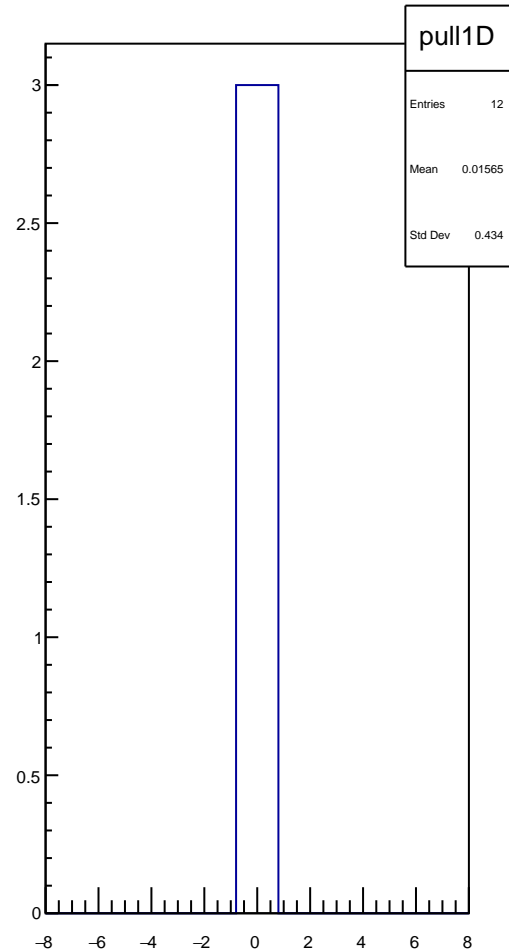
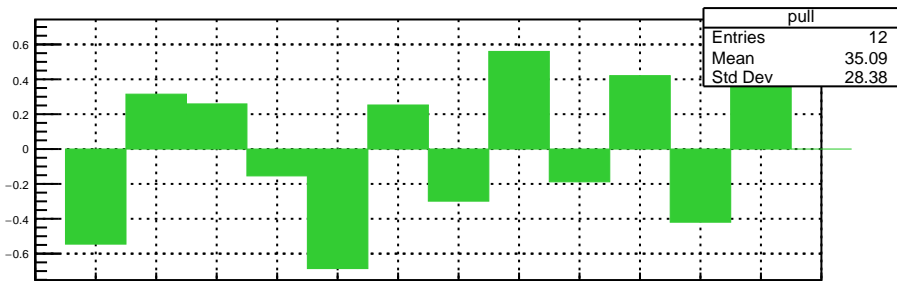
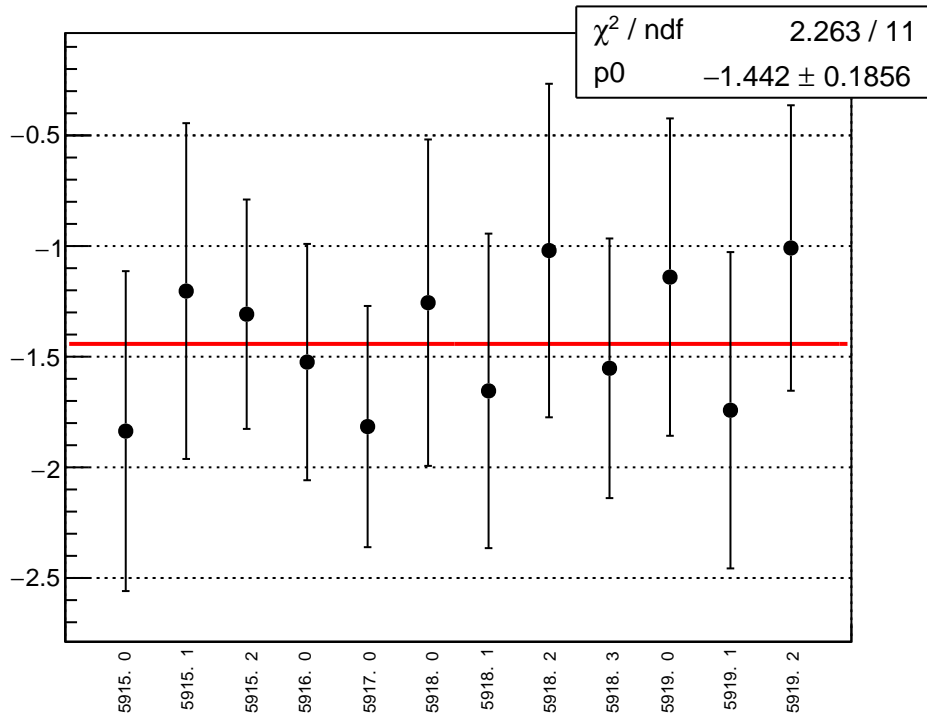
reg\_asym\_sam\_2468\_avg\_diff\_bpm4eX\_slope vs run



reg\_asym\_sam\_2468\_avg\_diff\_bpm4eY\_slope vs run

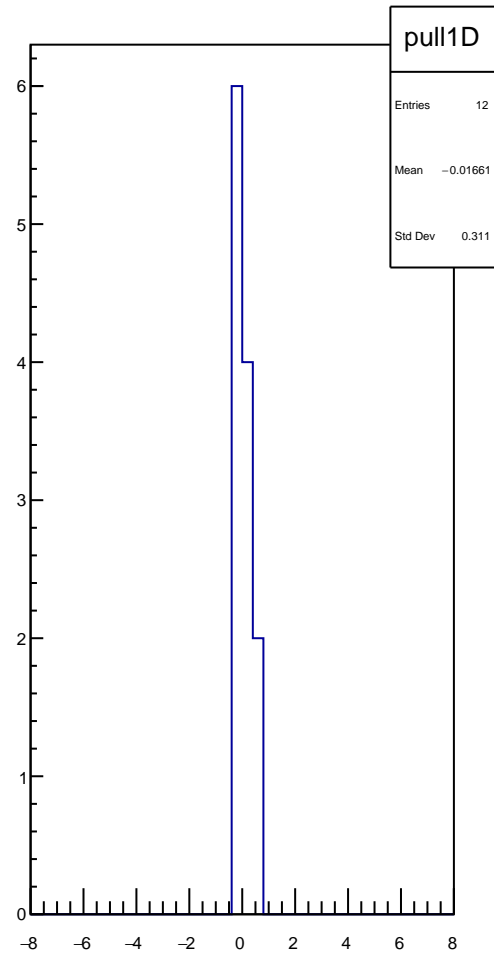
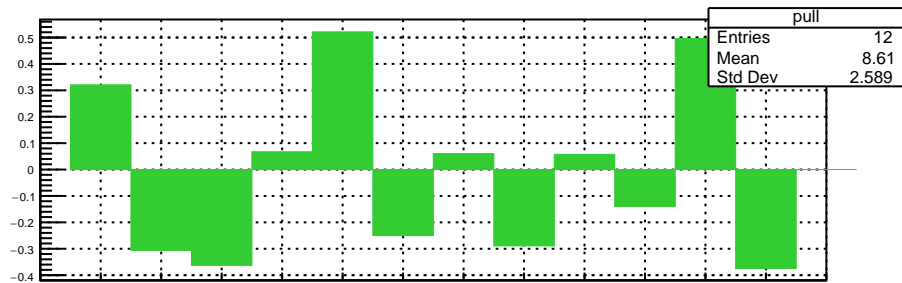
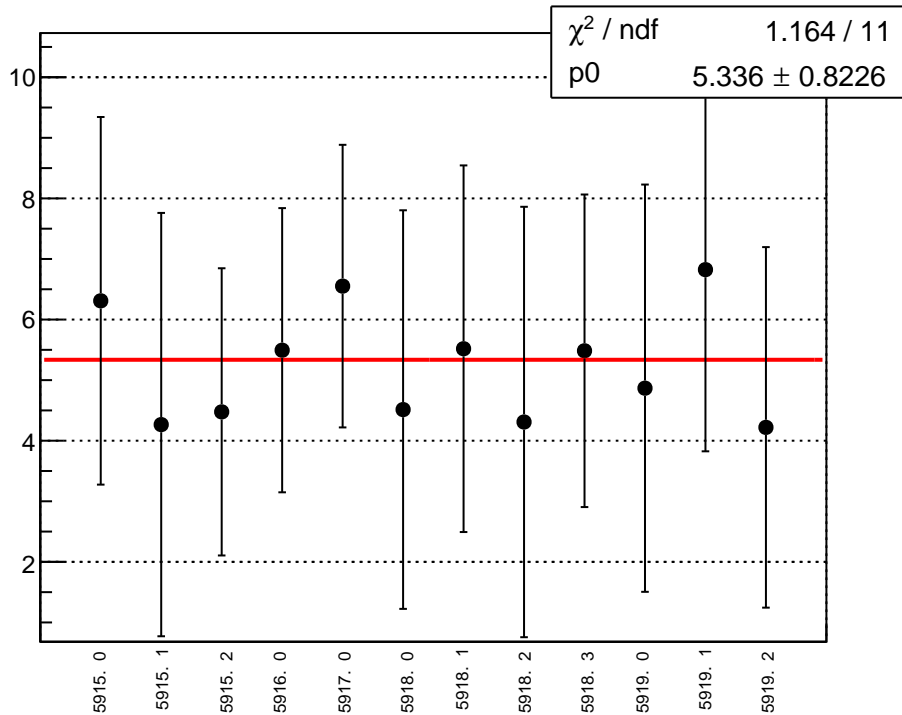


reg\_asym\_sam\_2468\_avg\_diff\_bpm12X\_slope vs run

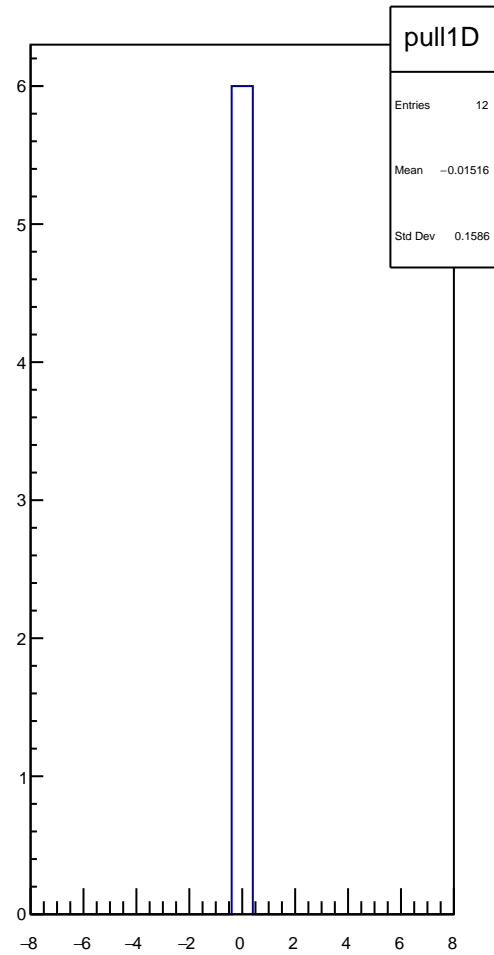
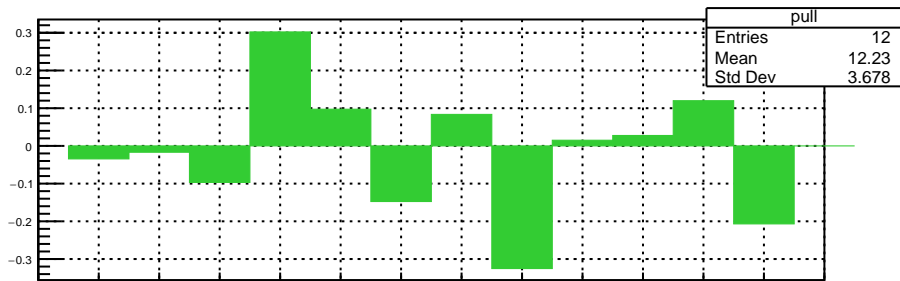
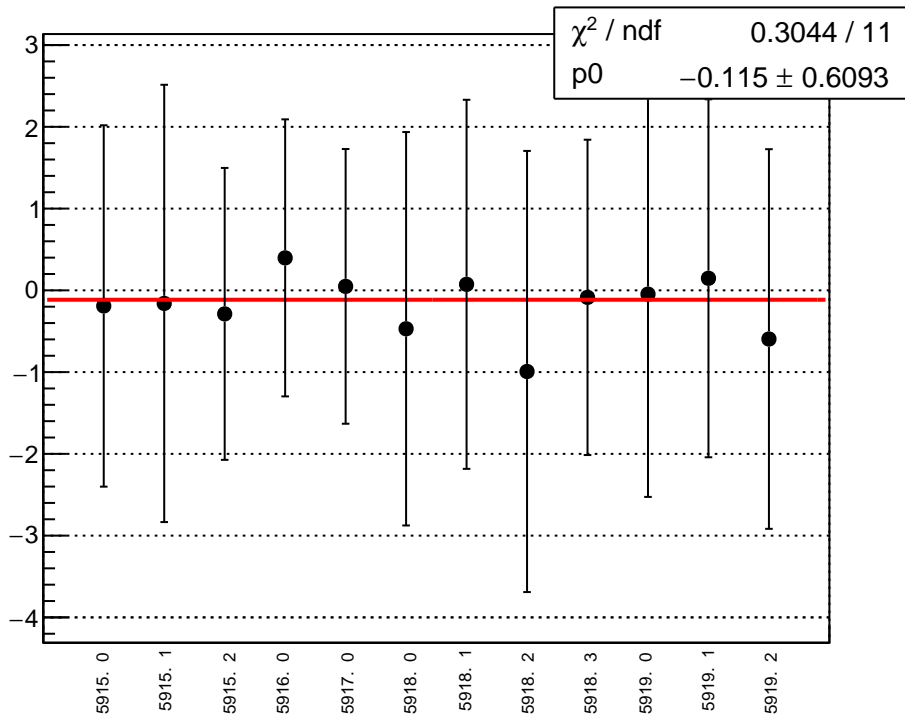




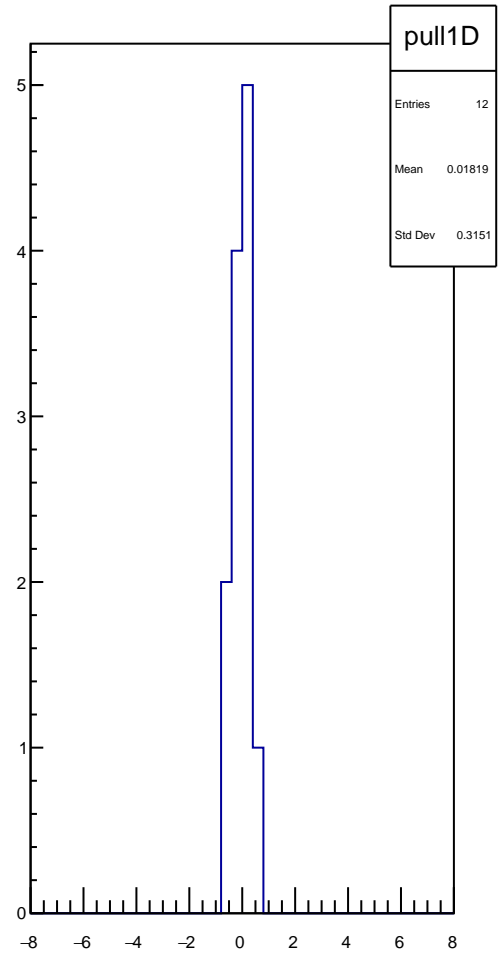
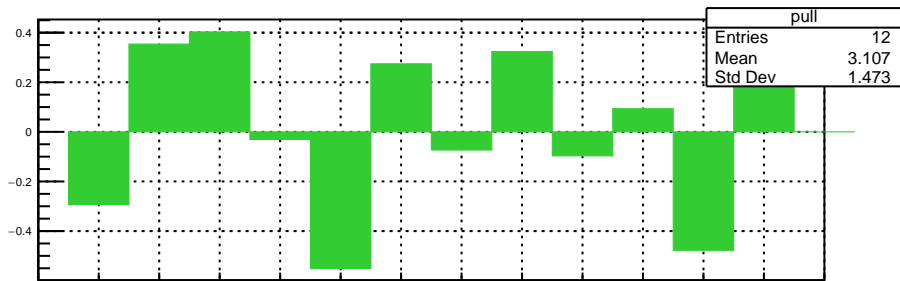
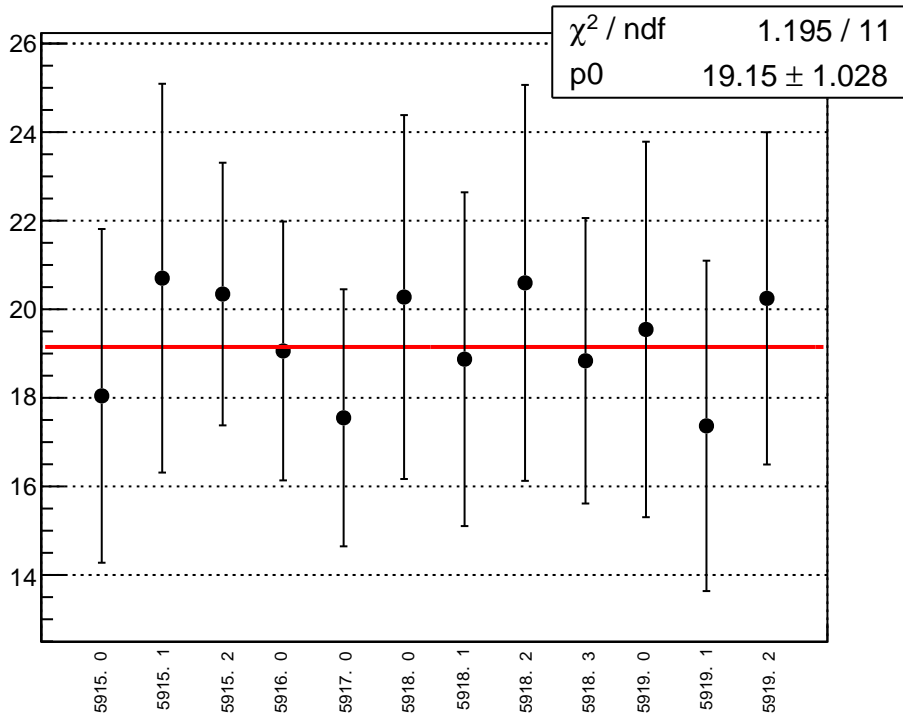
reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm4aX\_slope vs run



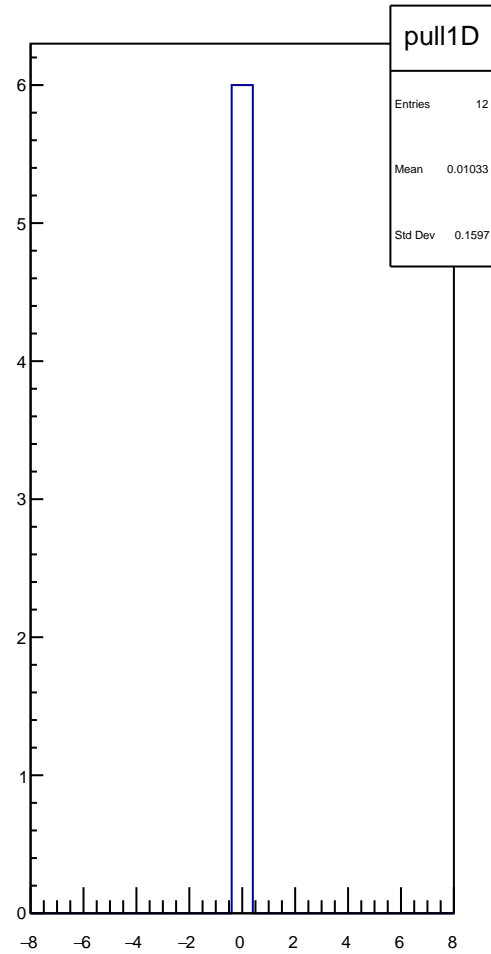
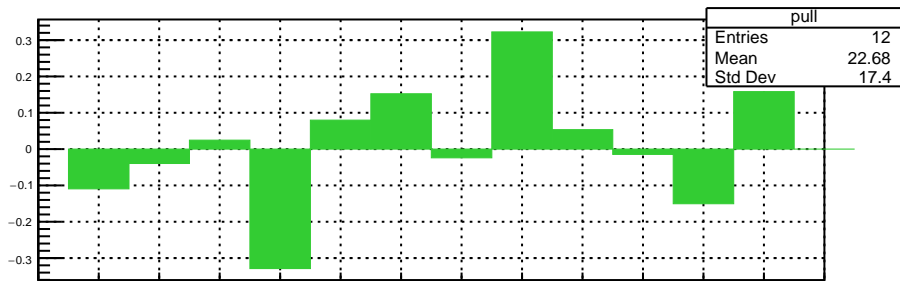
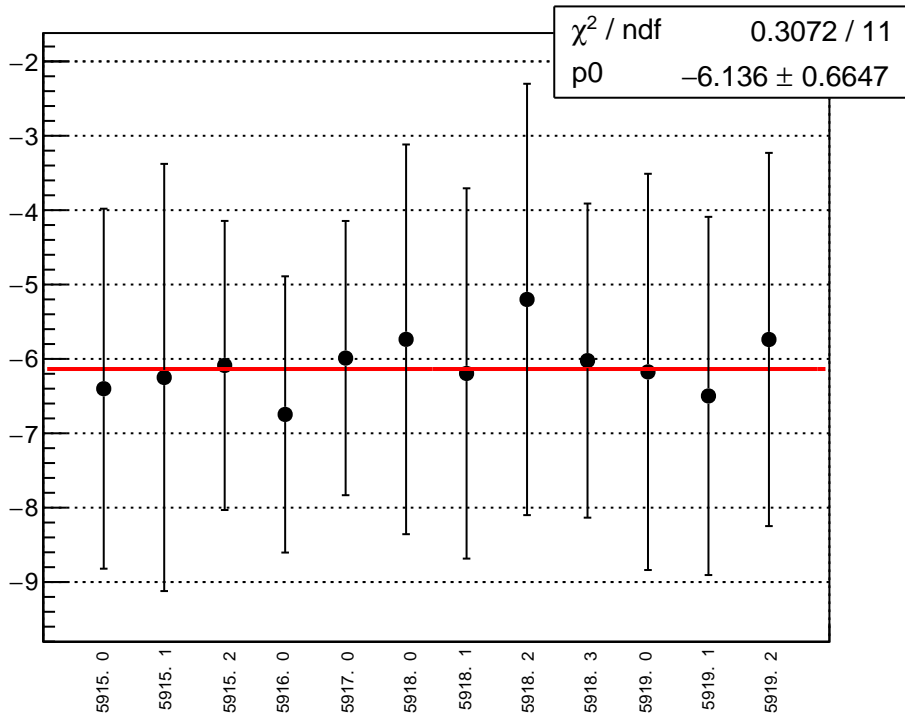
reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm4aY\_slope vs run



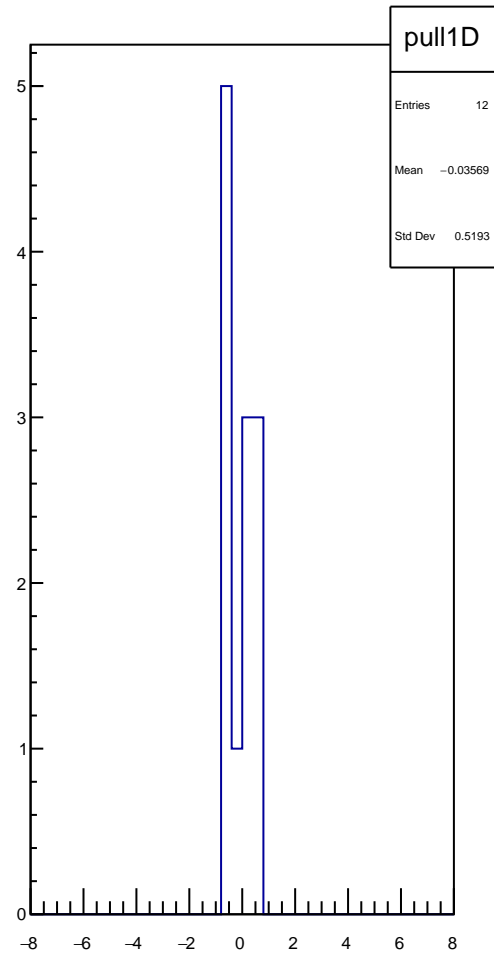
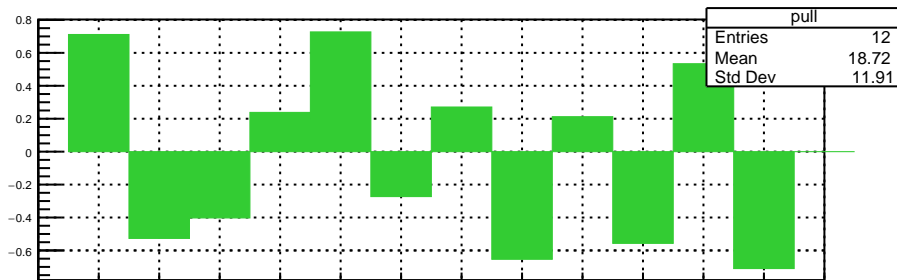
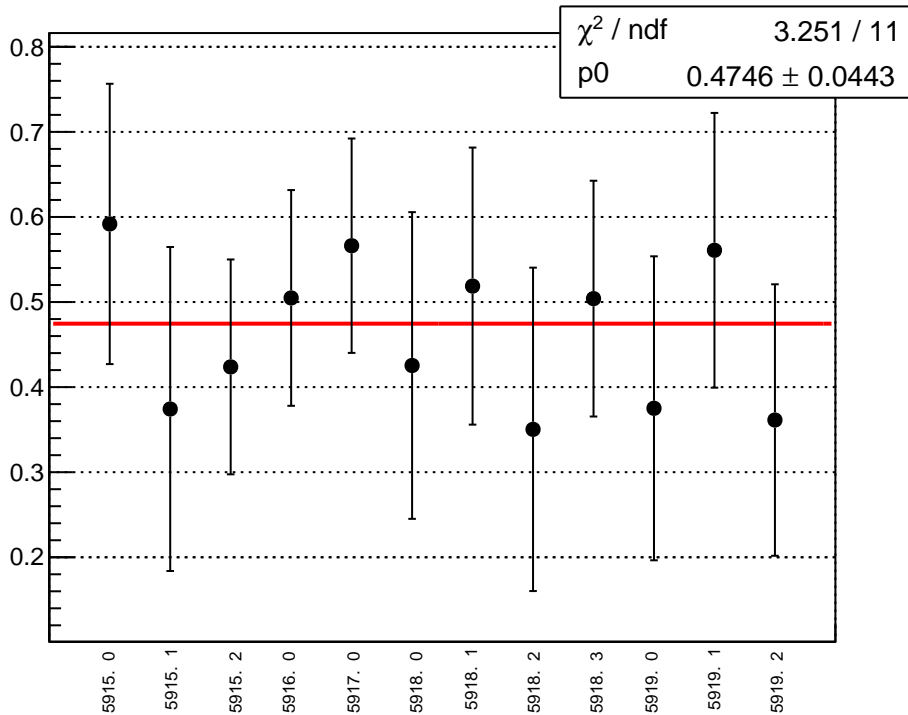
reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm4eX\_slope vs run



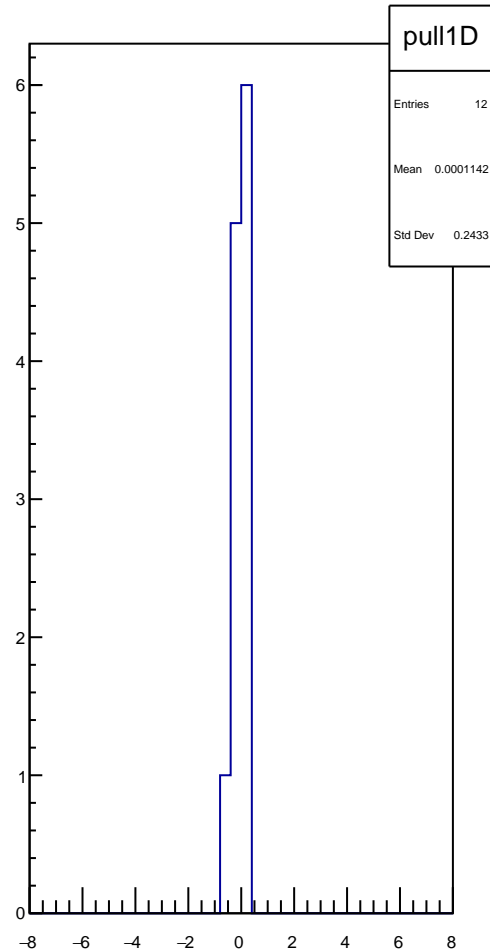
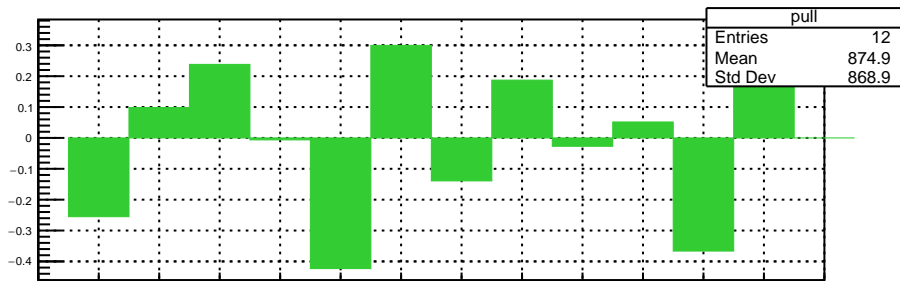
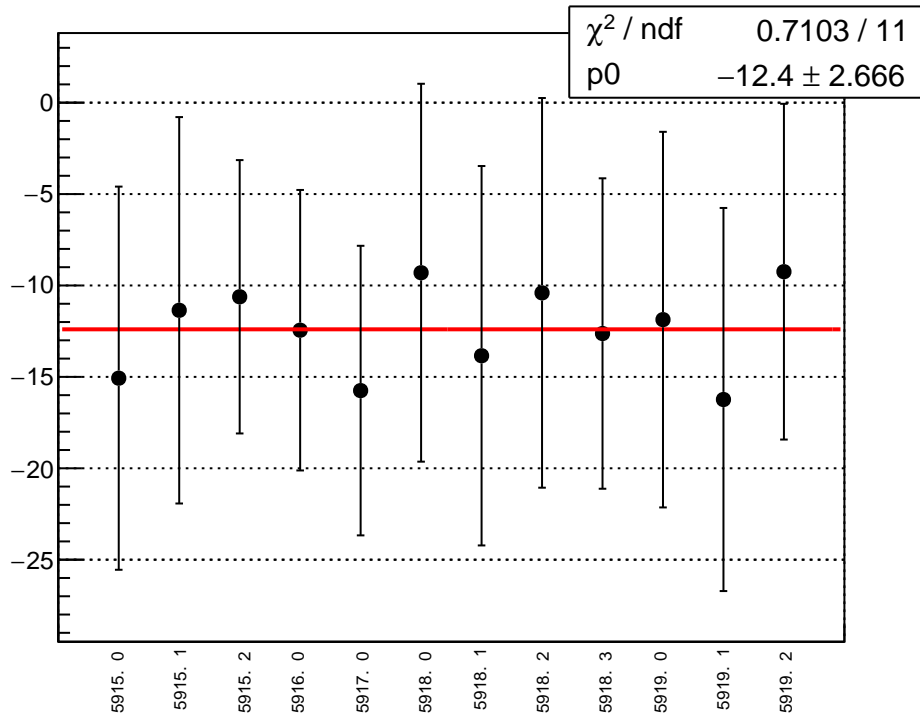
reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm4eY\_slope vs run



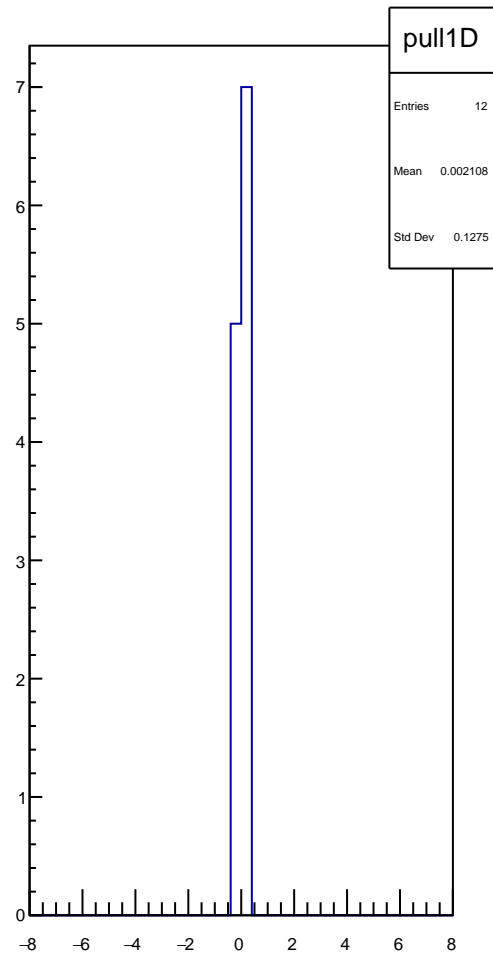
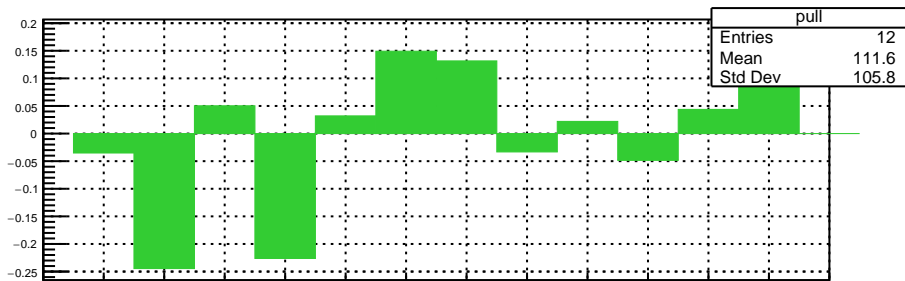
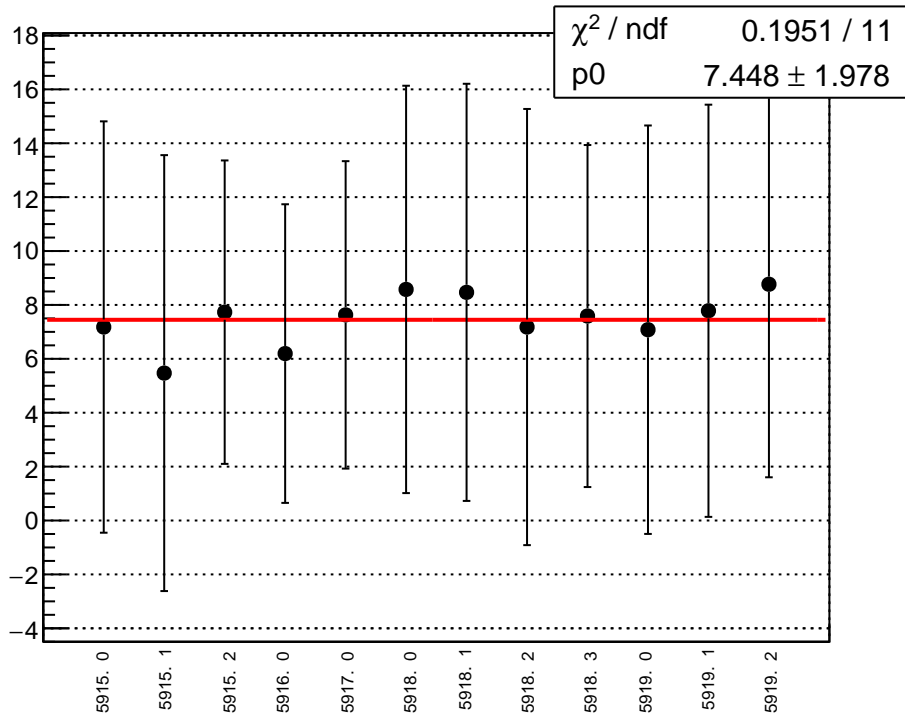
reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm12X\_slope vs run



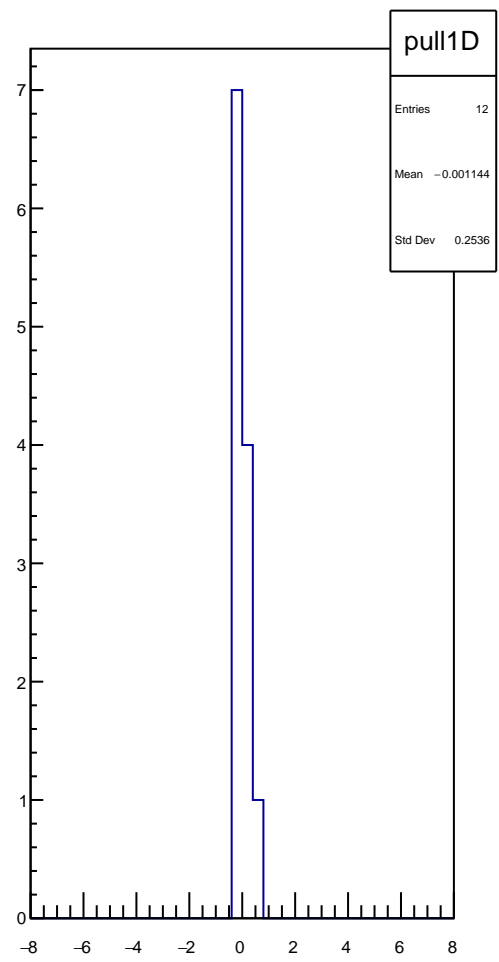
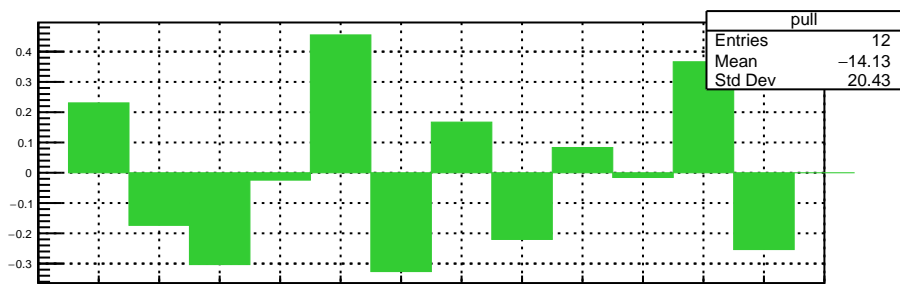
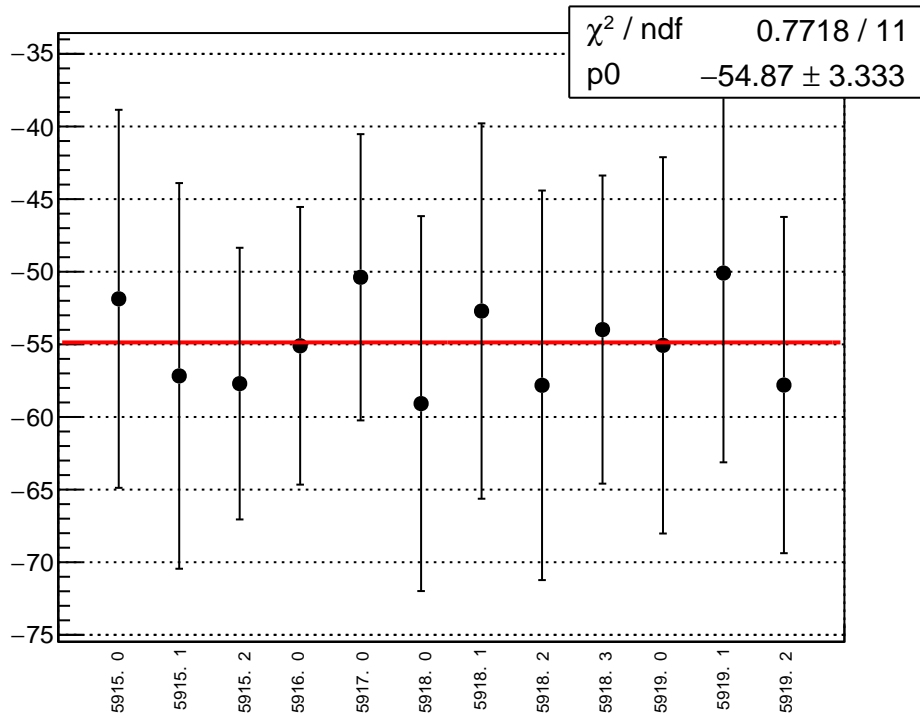
reg\_asym\_sam\_12345678\_avg\_diff\_bpm4aX\_slope vs run



reg\_asym\_sam\_12345678\_avg\_diff\_bpm4aY\_slope vs run

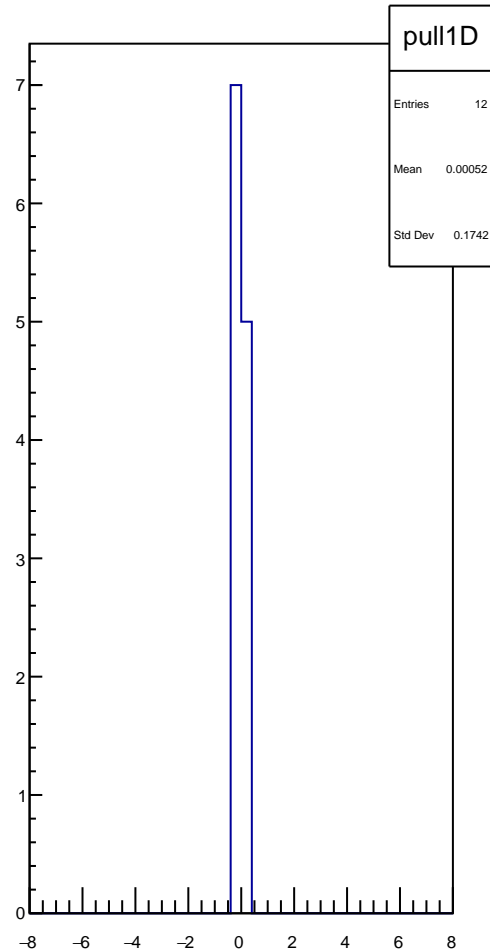
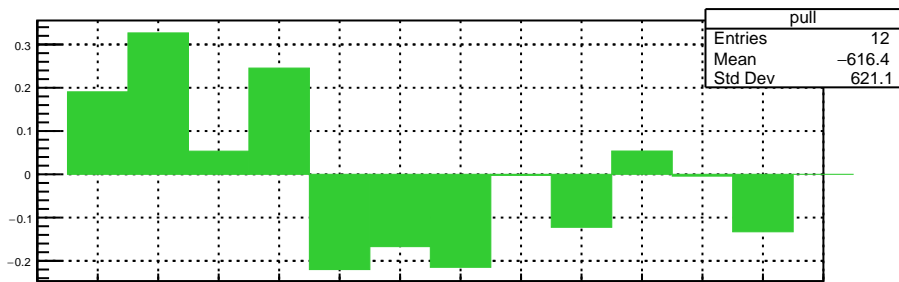
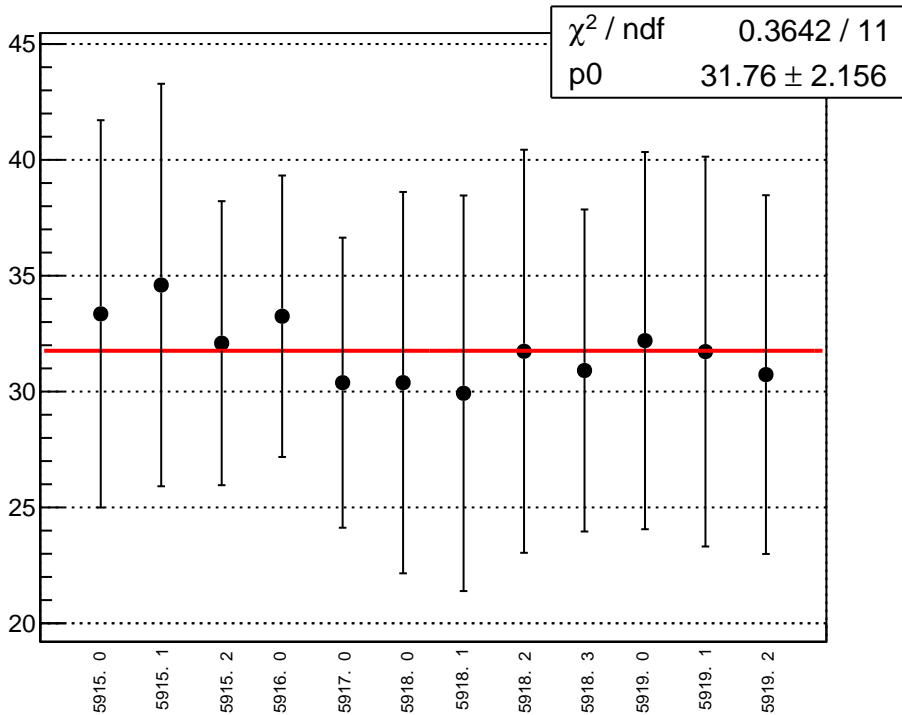


reg\_asym\_sam\_12345678\_avg\_diff\_bpm4eX\_slope vs run

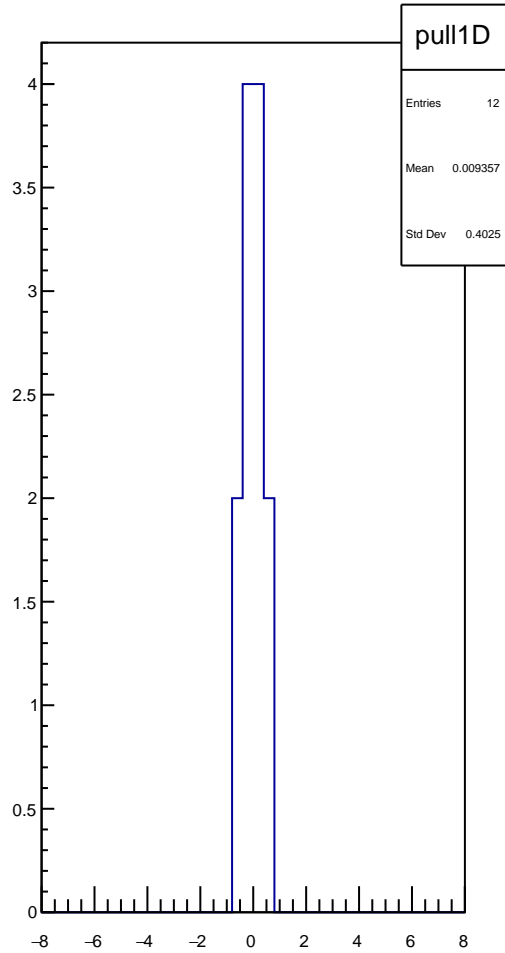
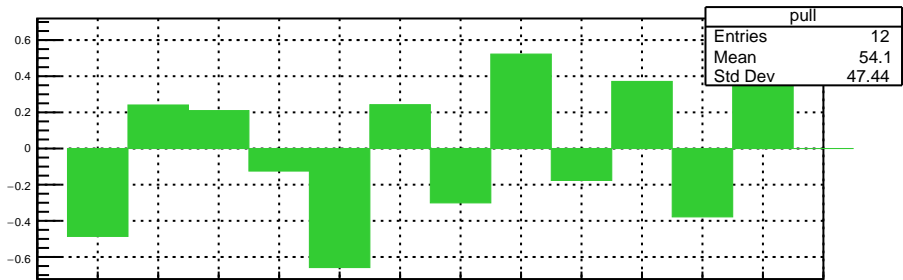
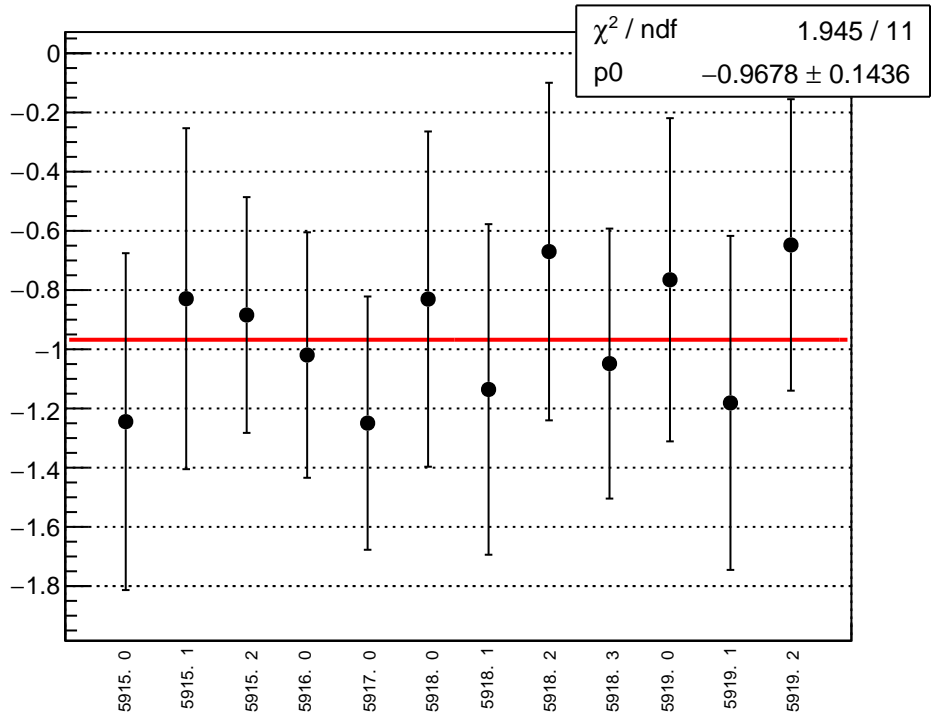




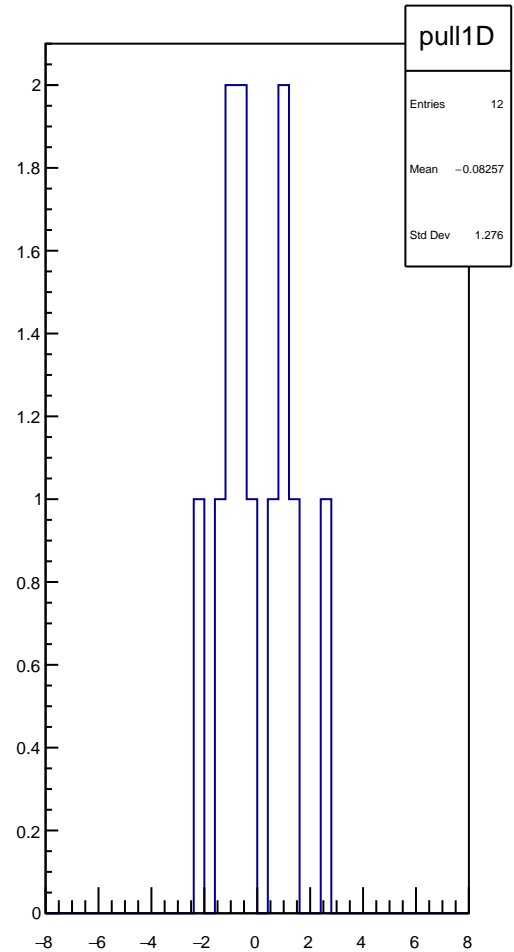
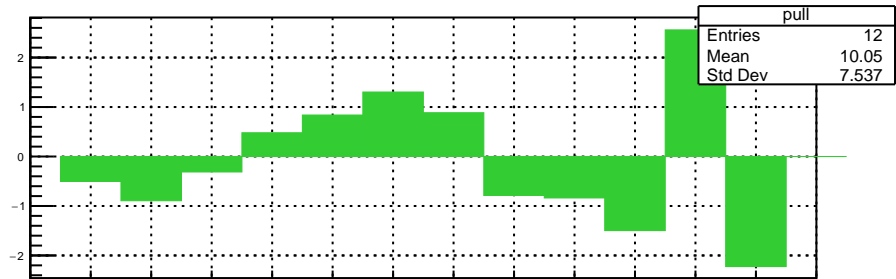
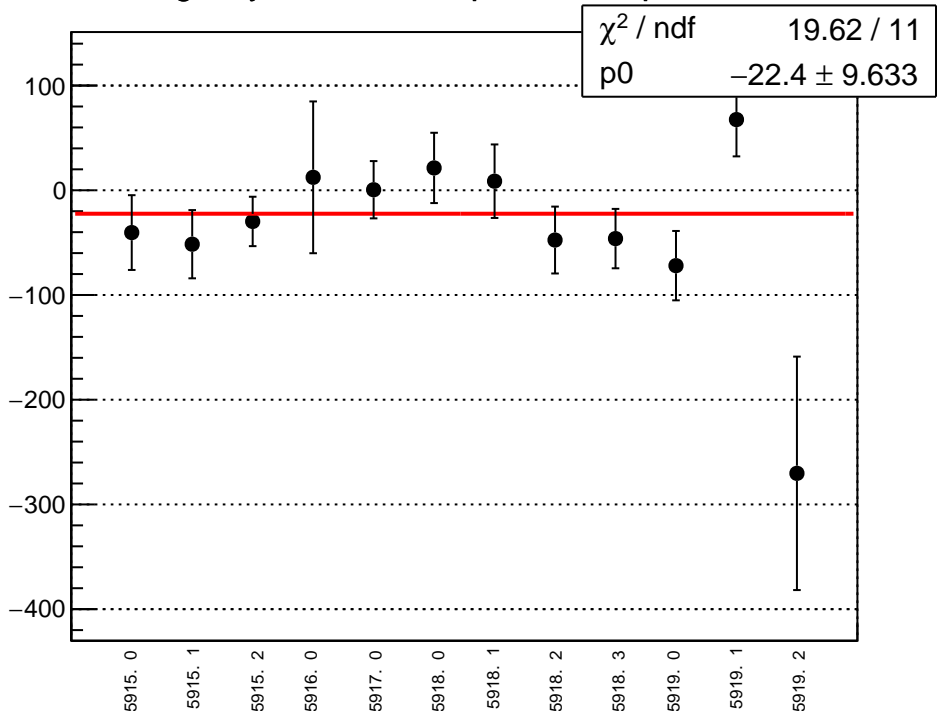
reg\_asym\_sam\_12345678\_avg\_diff\_bpm4eY\_slope vs run



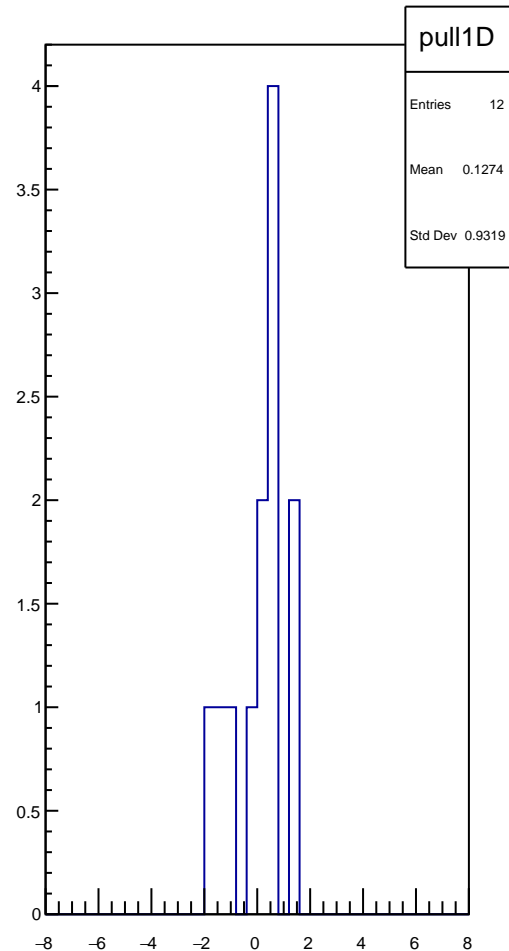
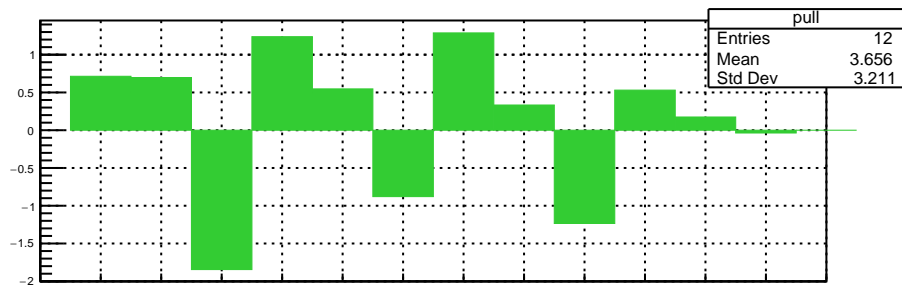
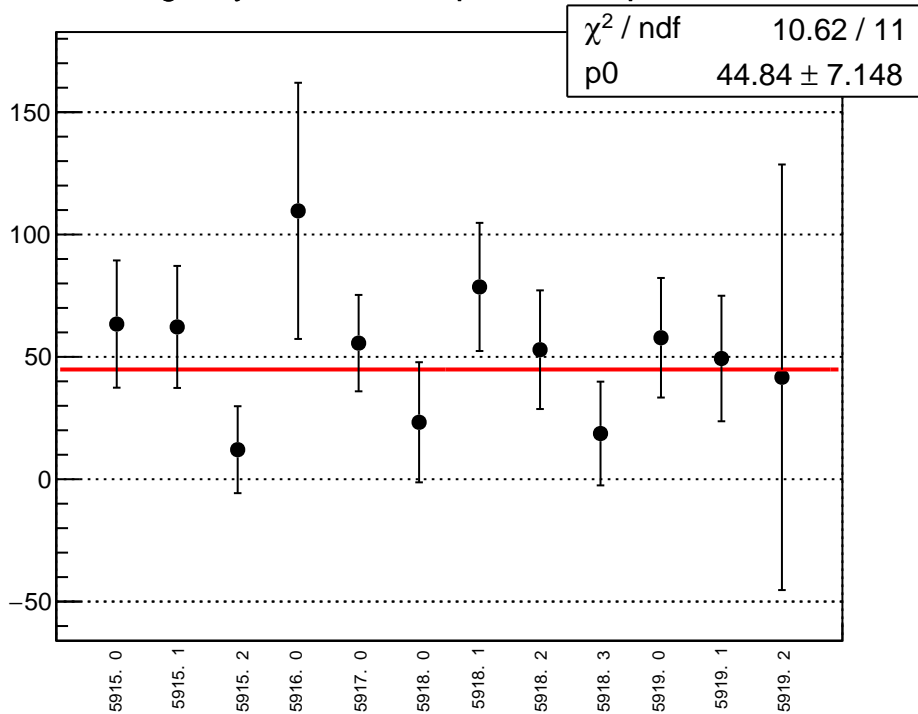
reg\_asym\_sam\_12345678\_avg\_diff\_bpm12X\_slope vs run



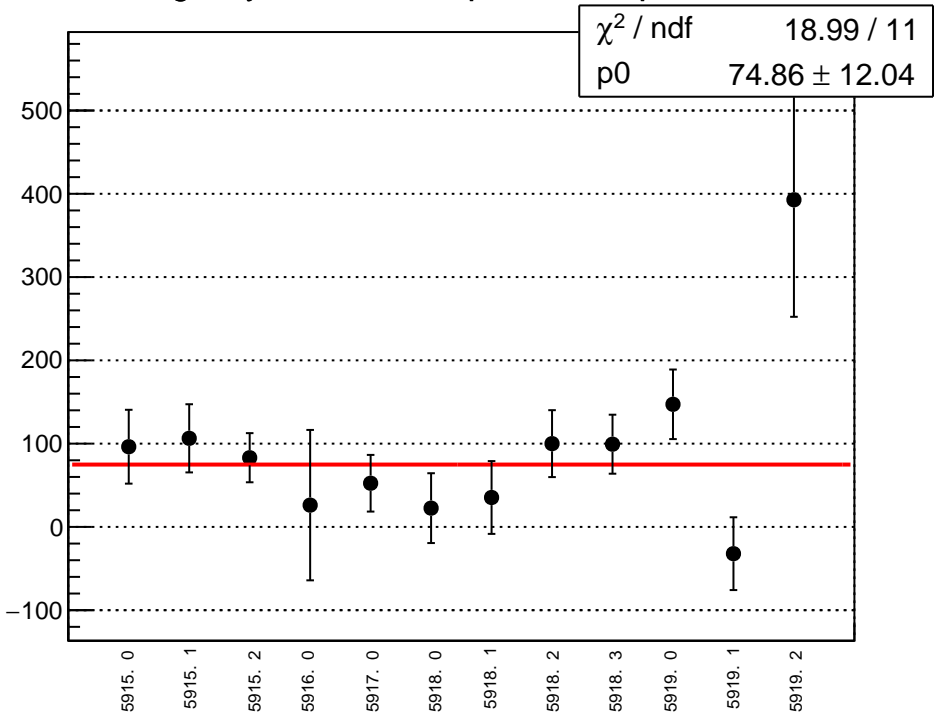
# reg\_asym\_atl1\_diff\_bpm4aX\_slope vs run



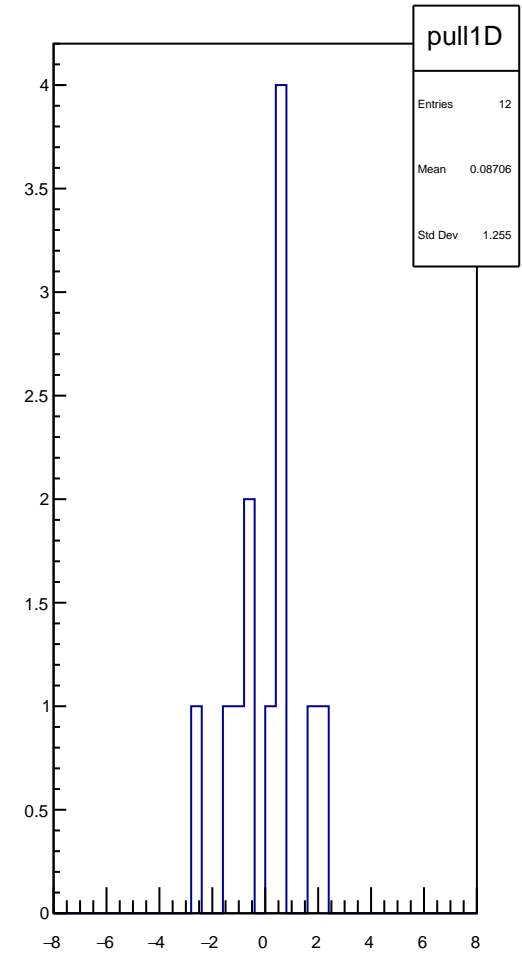
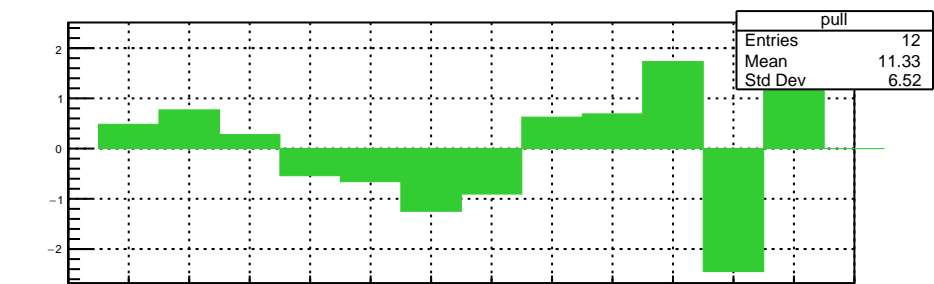
# reg\_asym\_atl1\_diff\_bpm4aY\_slope vs run



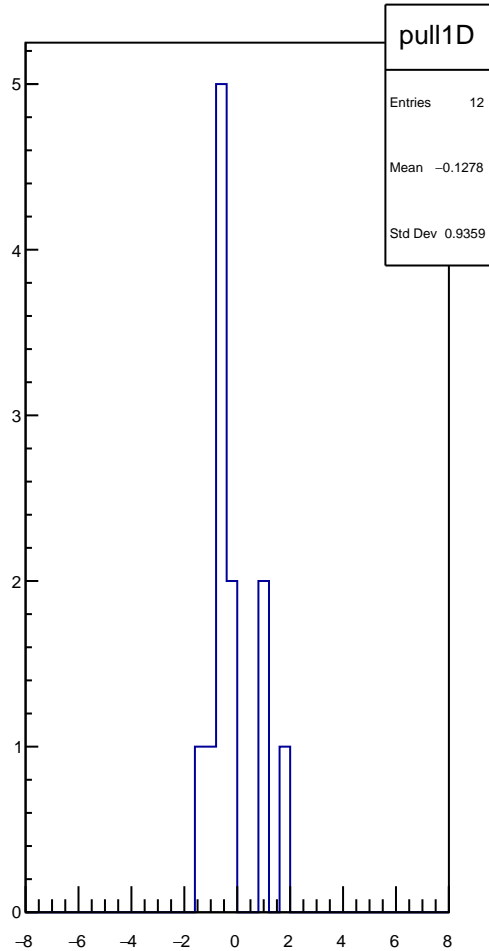
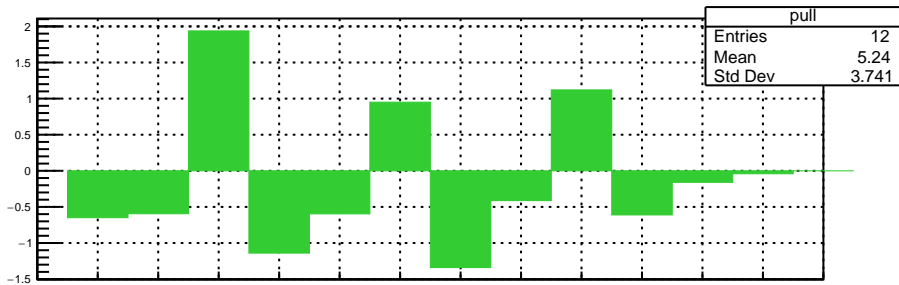
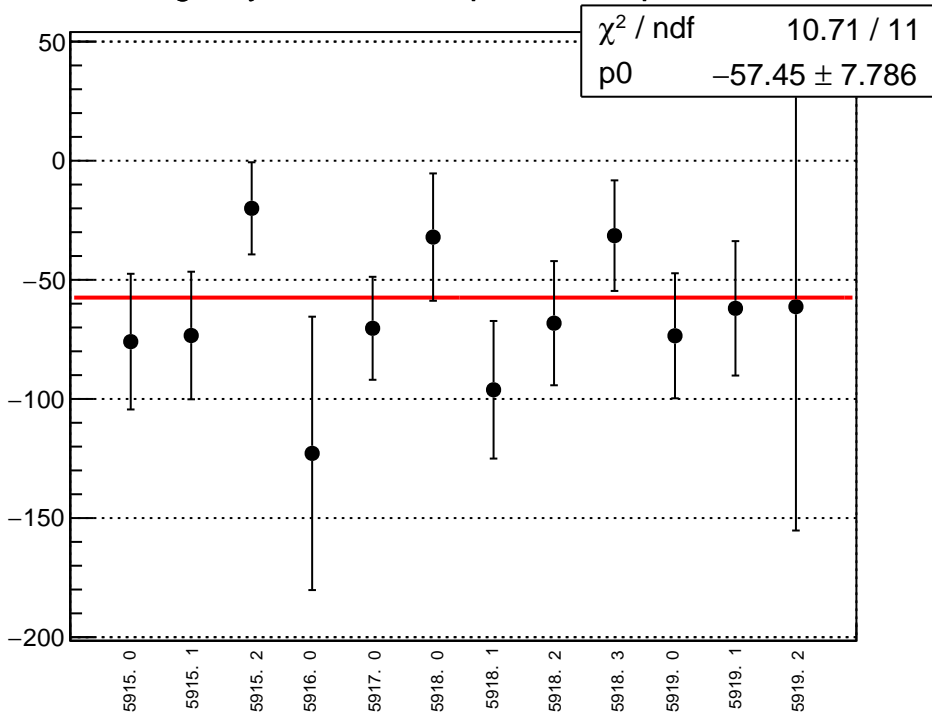
# reg\_asym\_atl1\_diff\_bpm4eX\_slope vs run



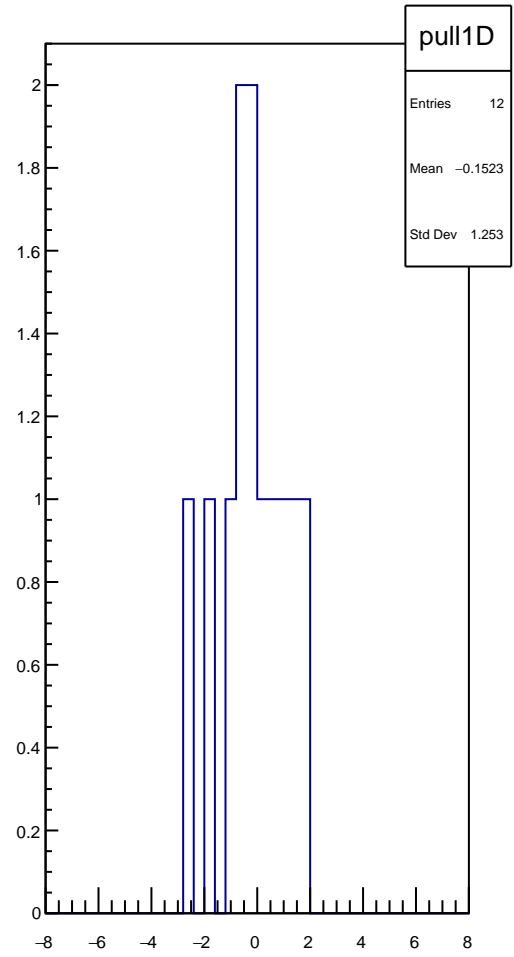
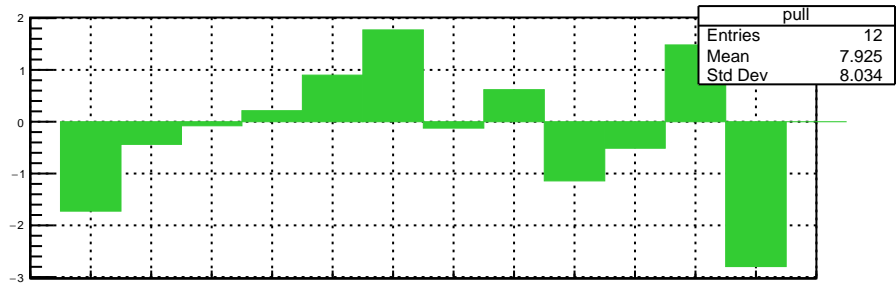
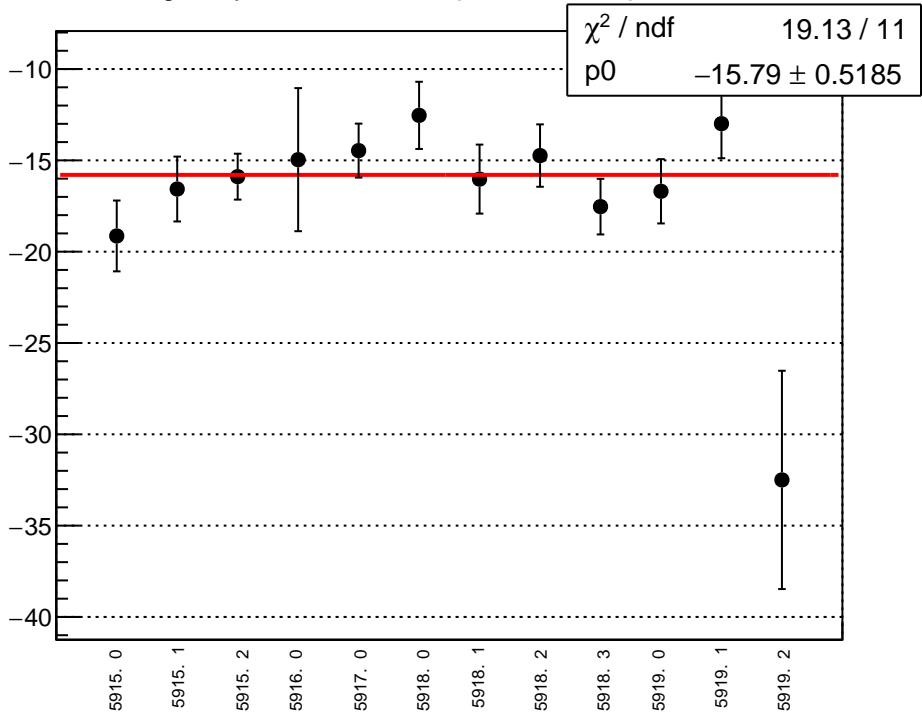
$\chi^2 / \text{ndf}$	18.99 / 11
p0	$74.86 \pm 12.04$



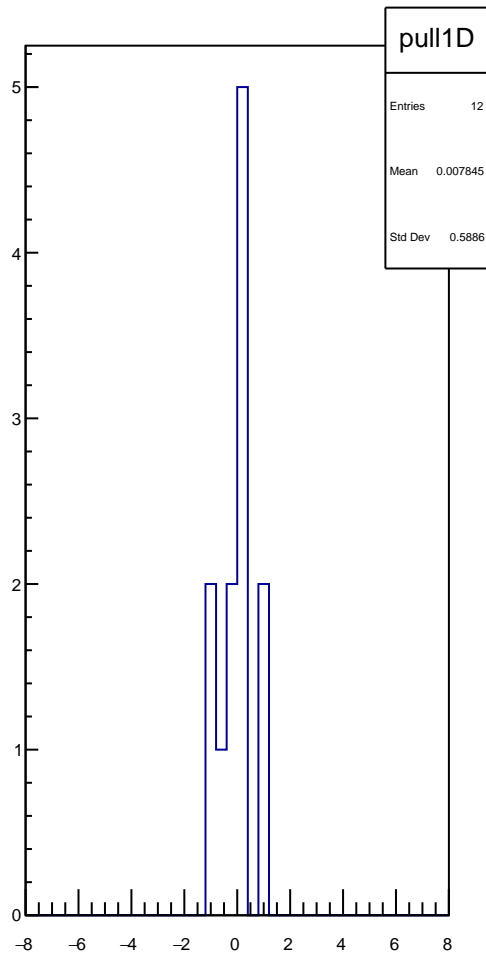
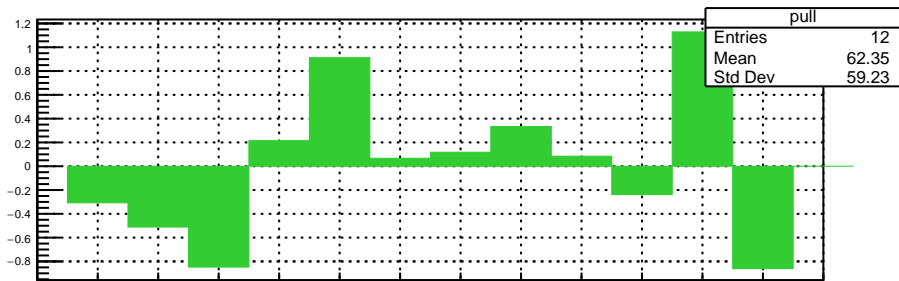
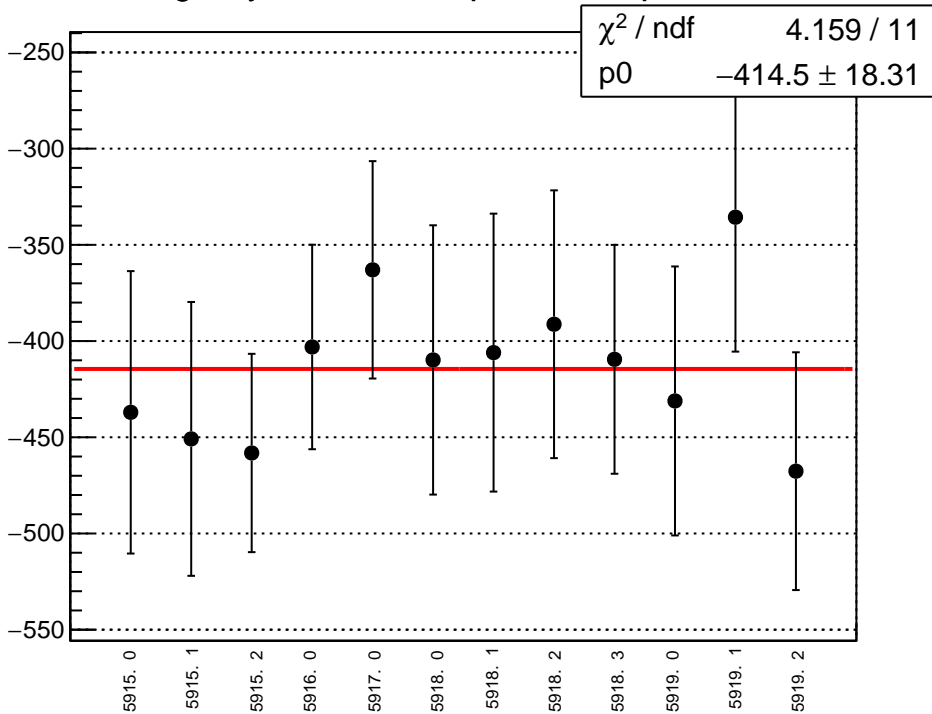
# reg\_asym\_atl1\_diff\_bpm4eY\_slope vs run



# reg\_asym\_atl1\_diff\_bpm12X\_slope vs run

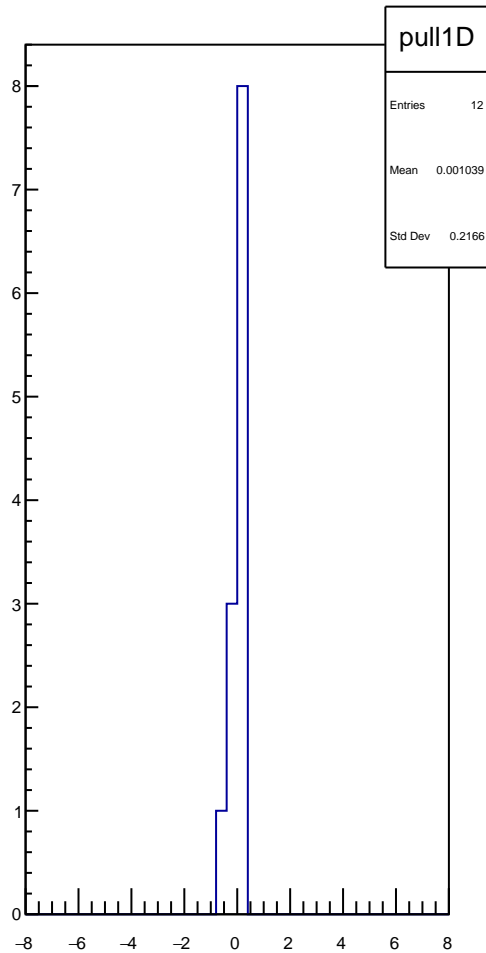
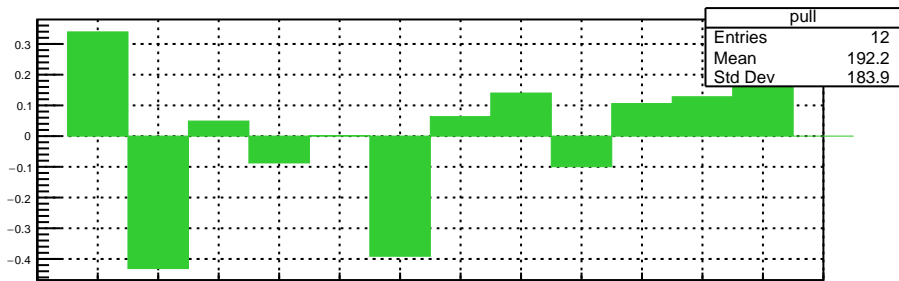
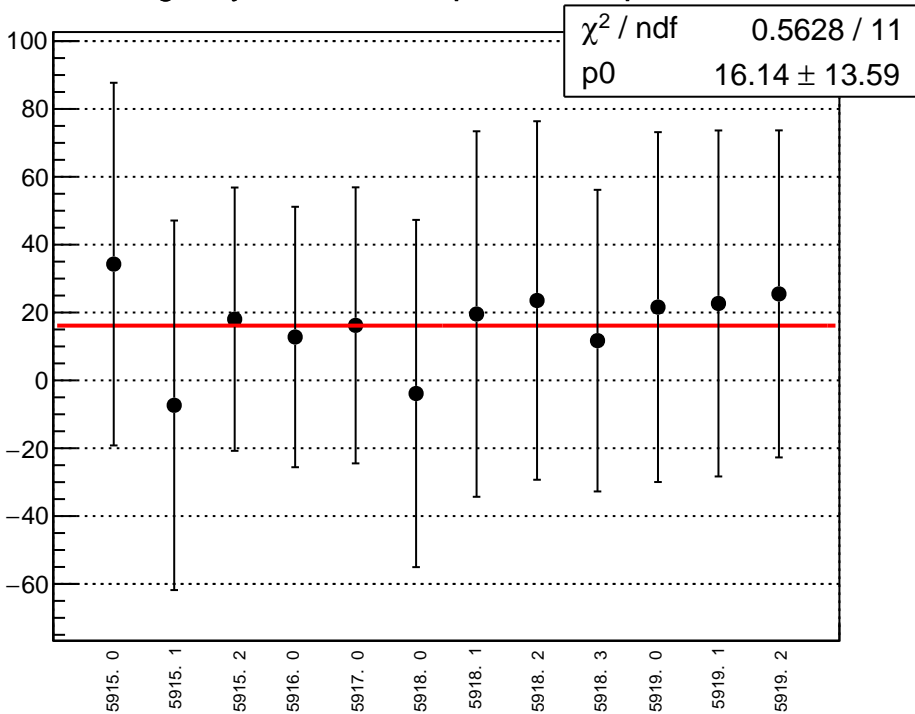


# reg\_asym\_atl2\_diff\_bpm4aX\_slope vs run

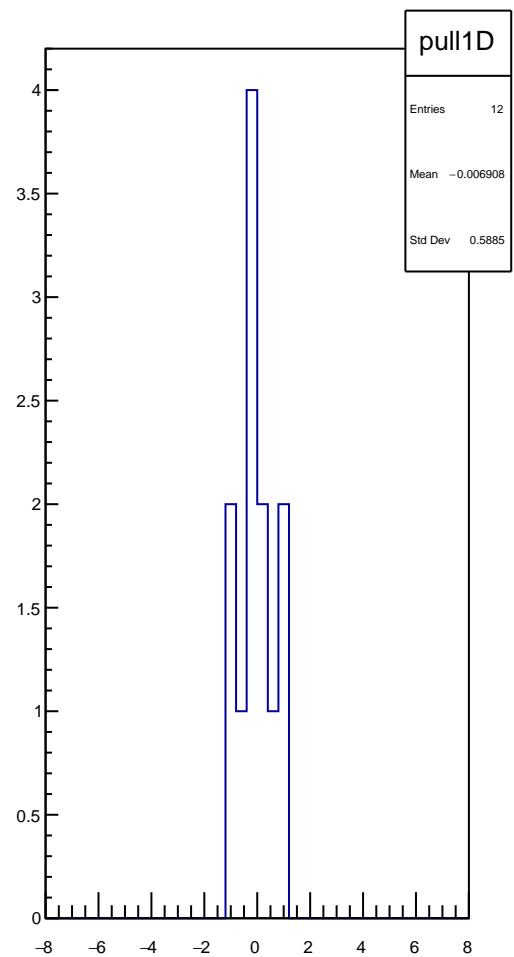
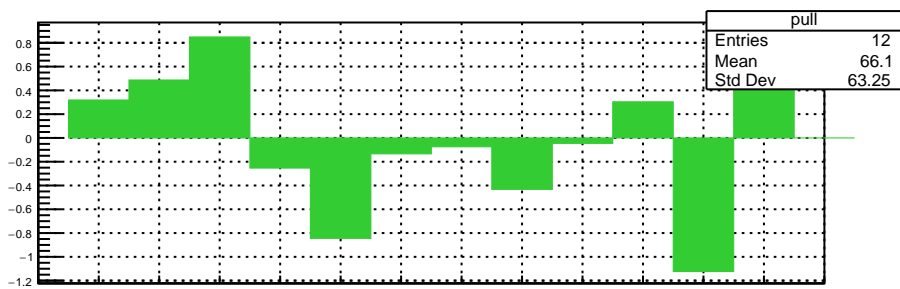
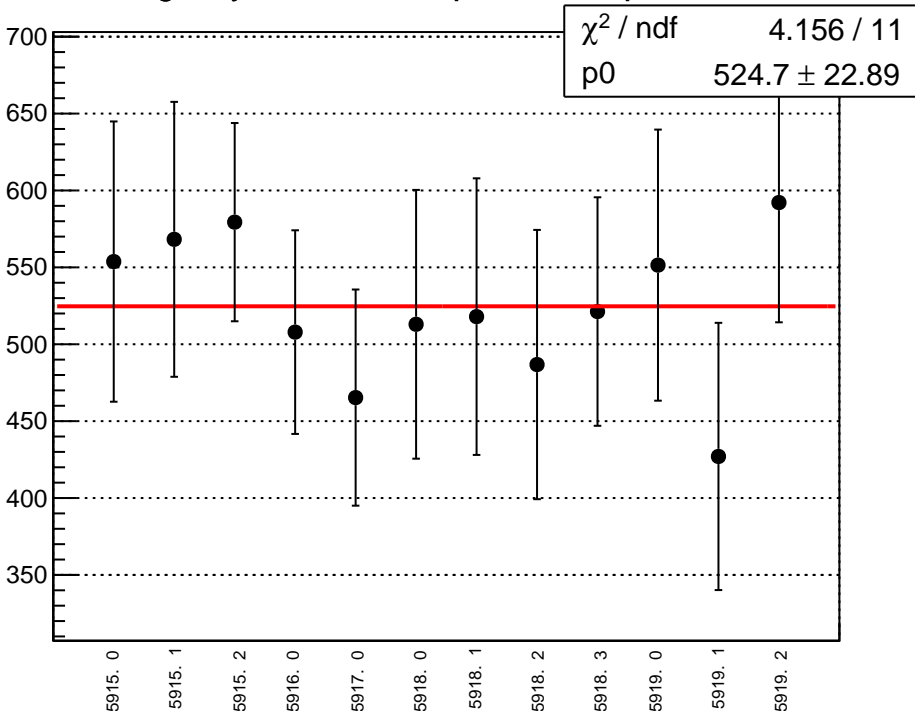




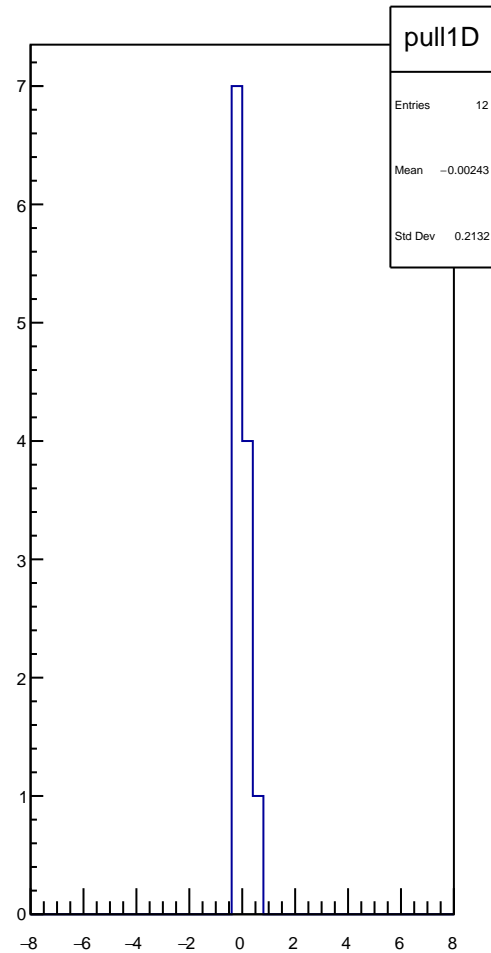
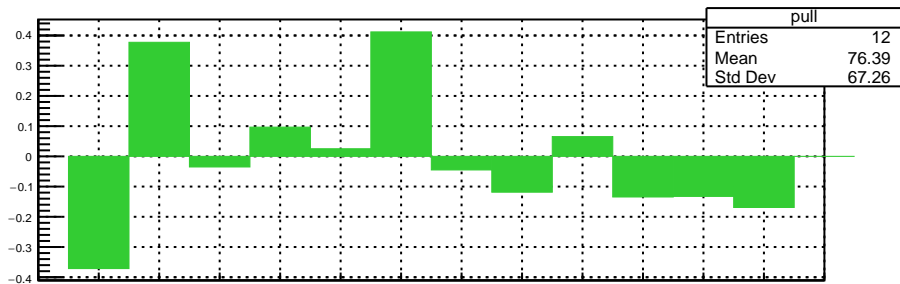
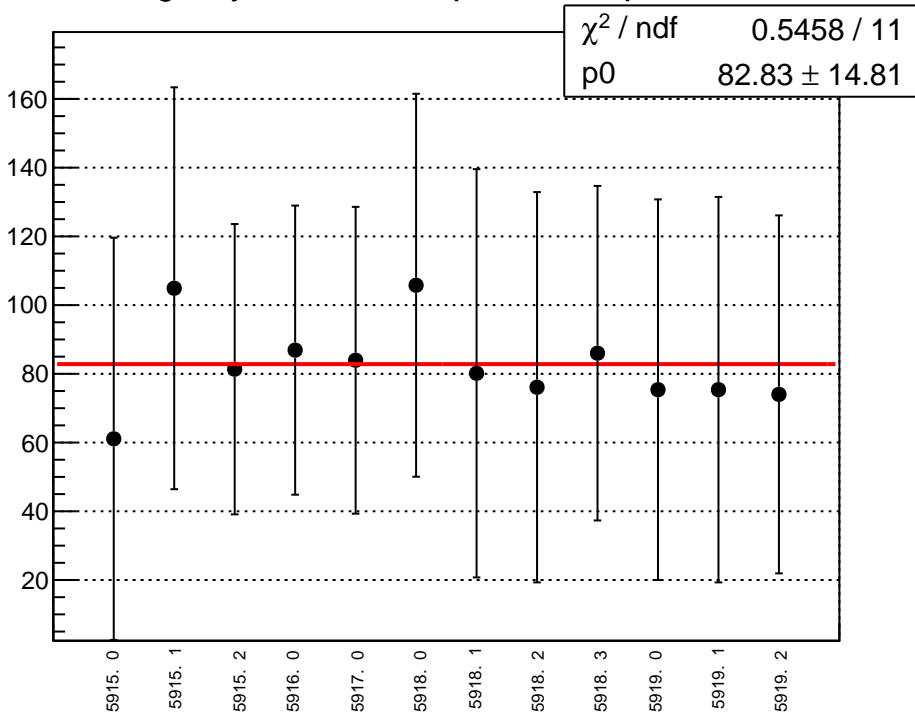
# reg\_asym\_atl2\_diff\_bpm4aY\_slope vs run



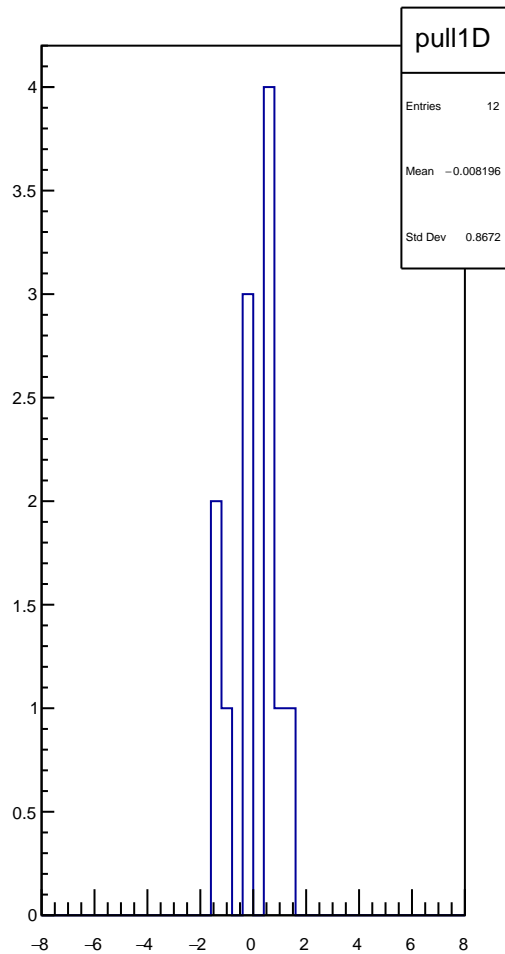
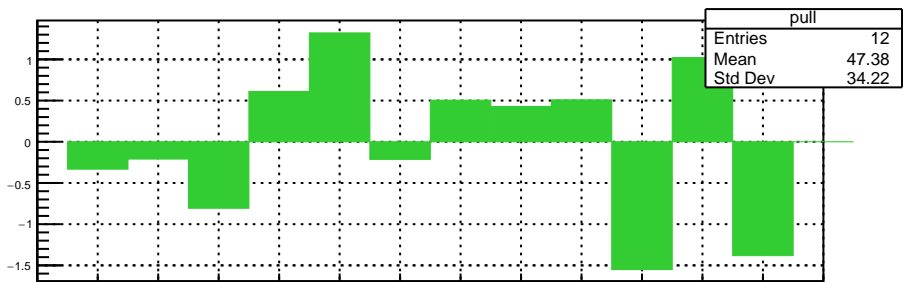
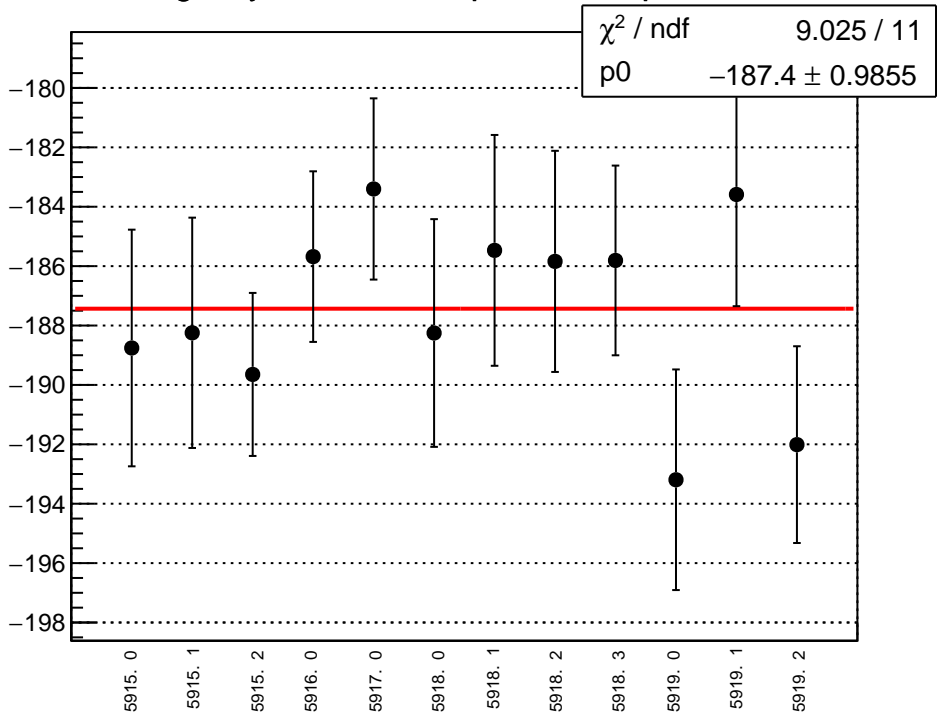
# reg\_asym\_atl2\_diff\_bpm4eX\_slope vs run



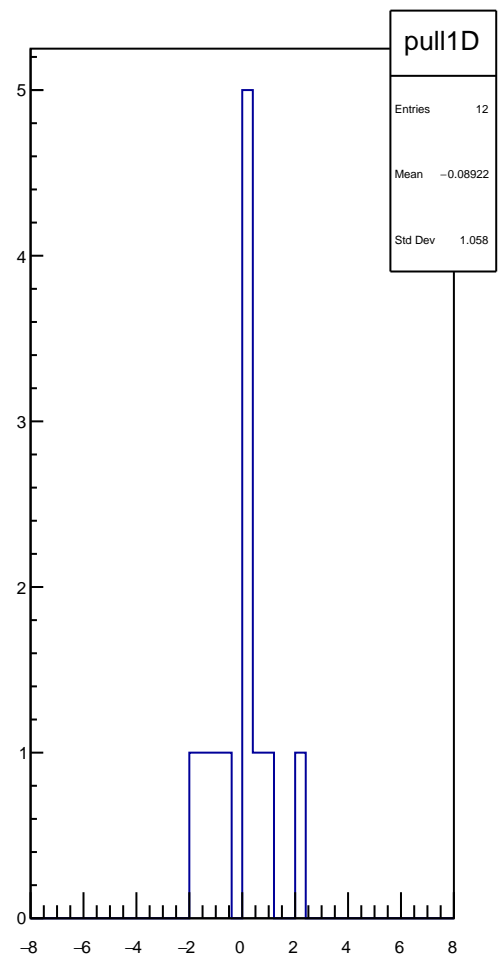
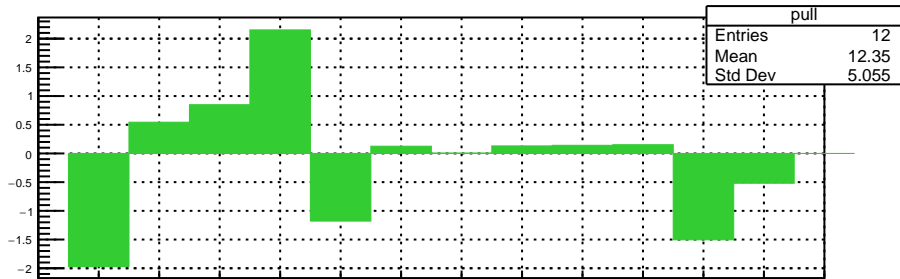
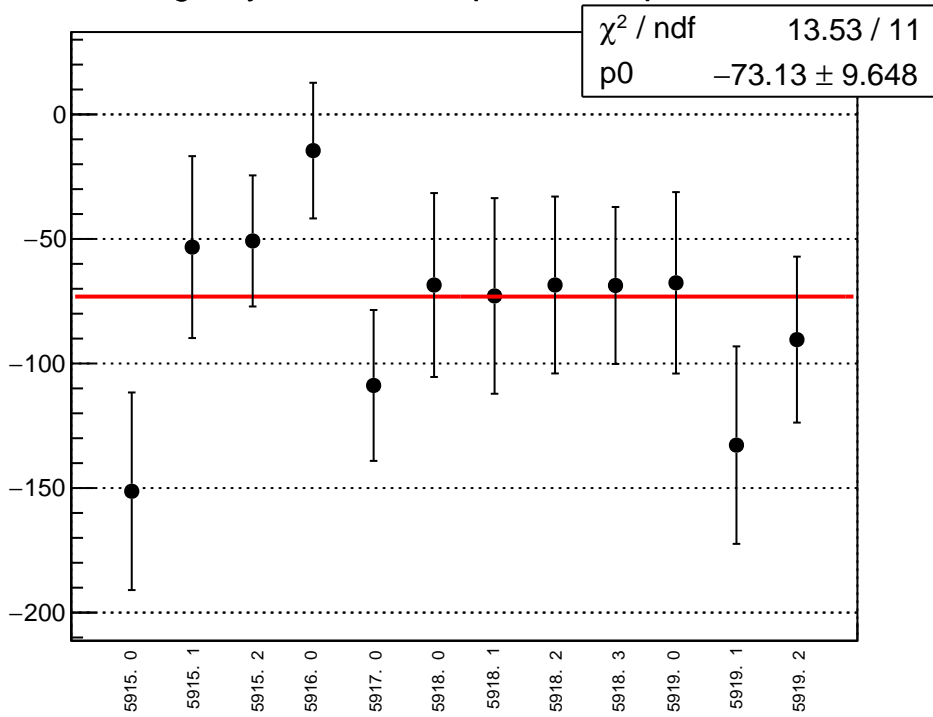
# reg\_asym\_atl2\_diff\_bpm4eY\_slope vs run



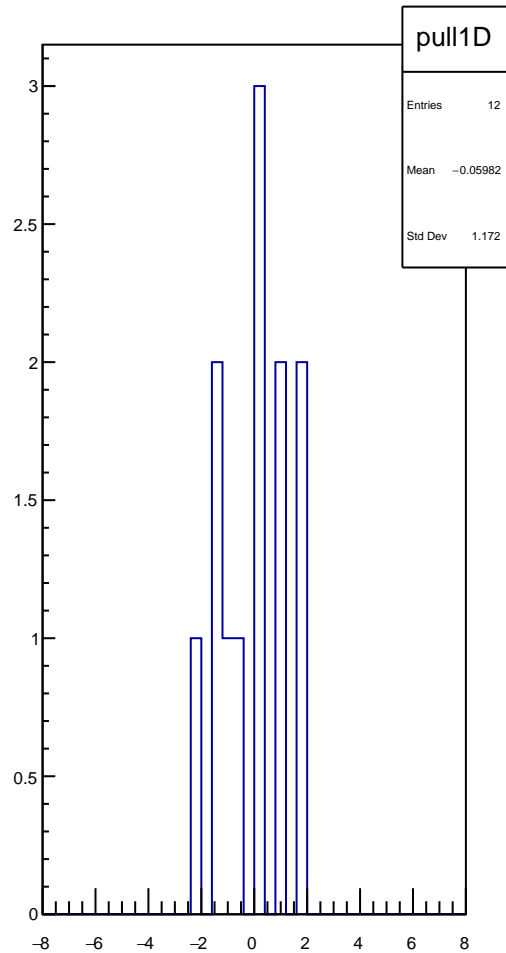
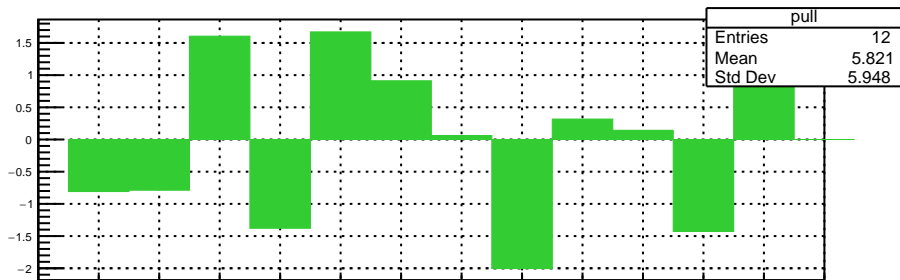
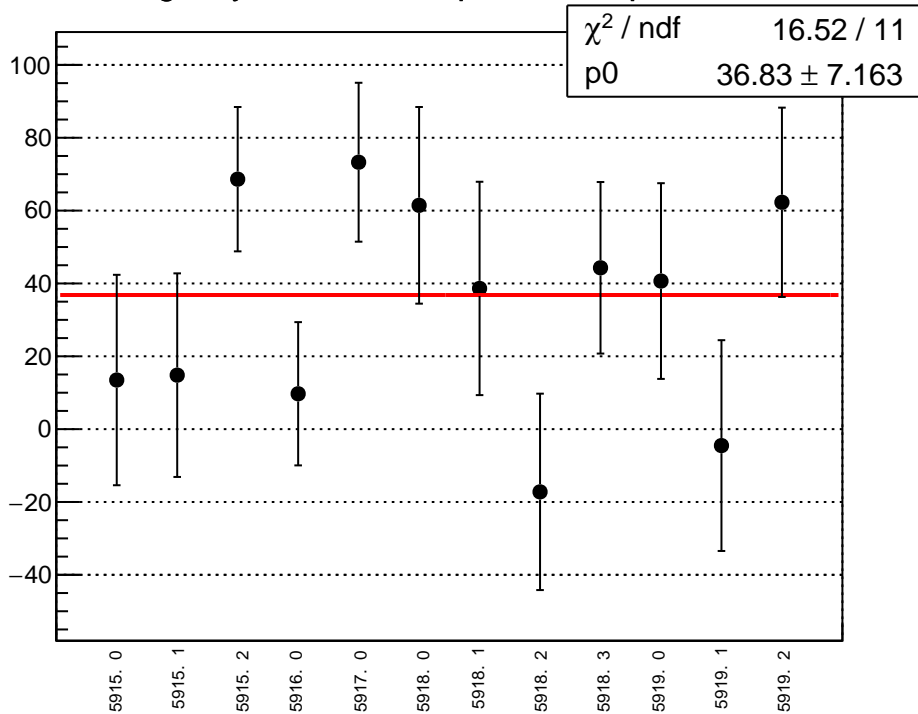
# reg\_asym\_atl2\_diff\_bpm12X\_slope vs run



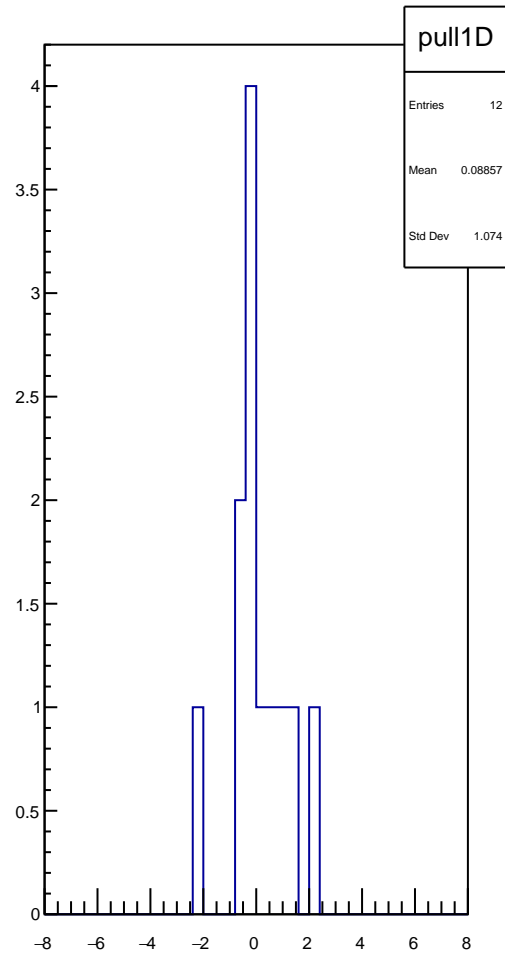
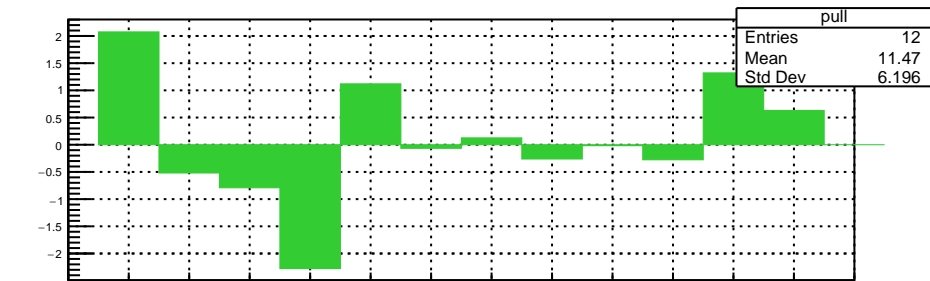
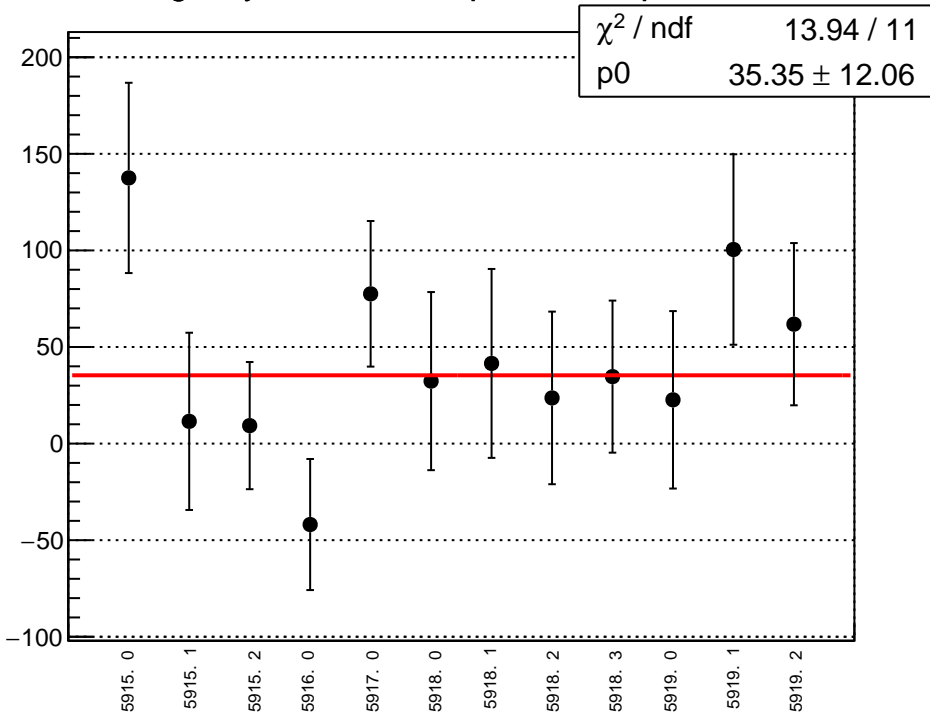
# reg\_asym\_atr1\_diff\_bpm4aX\_slope vs run



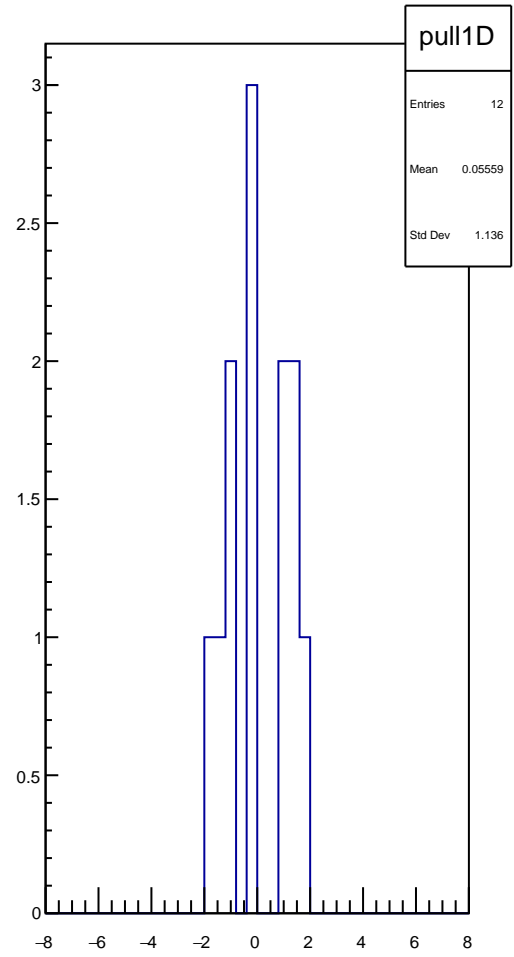
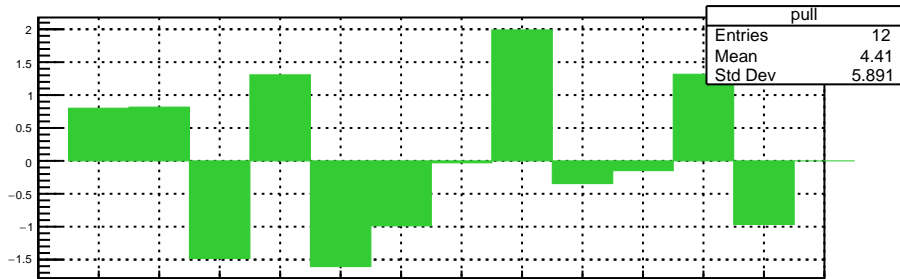
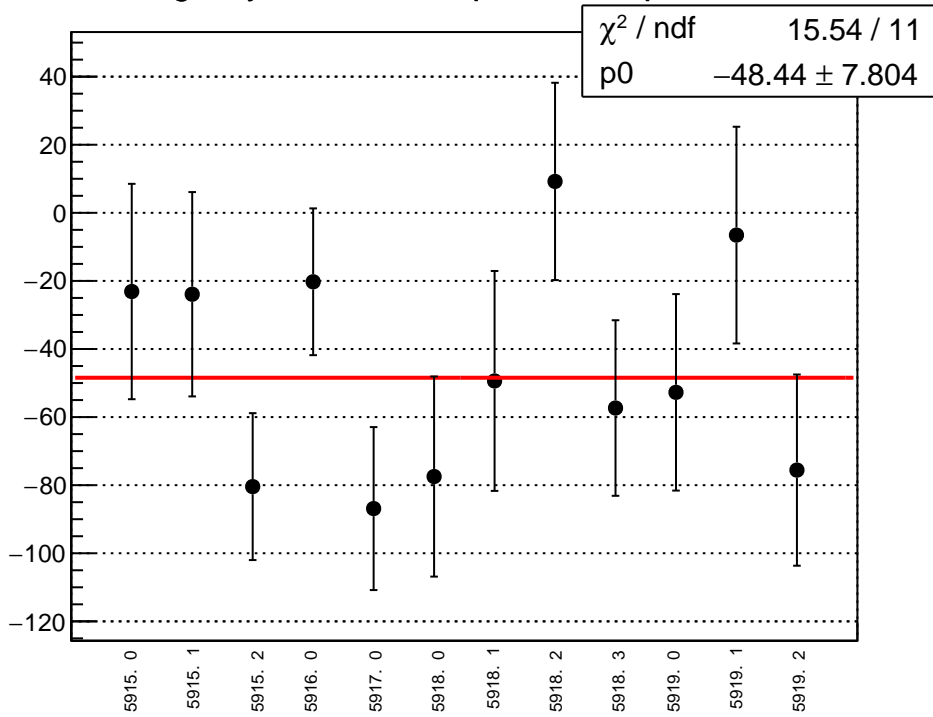
# reg\_asym\_atr1\_diff\_bpm4aY\_slope vs run



# reg\_asym\_atr1\_diff\_bpm4eX\_slope vs run

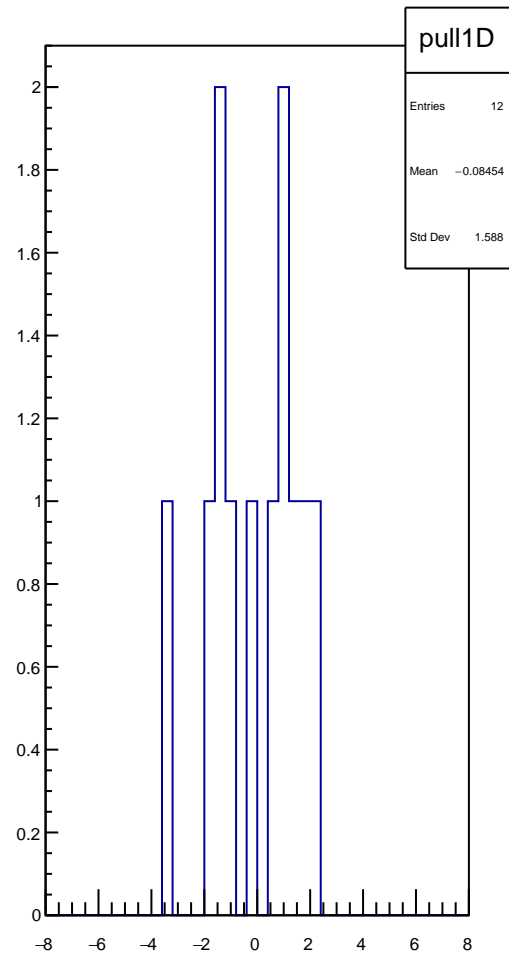
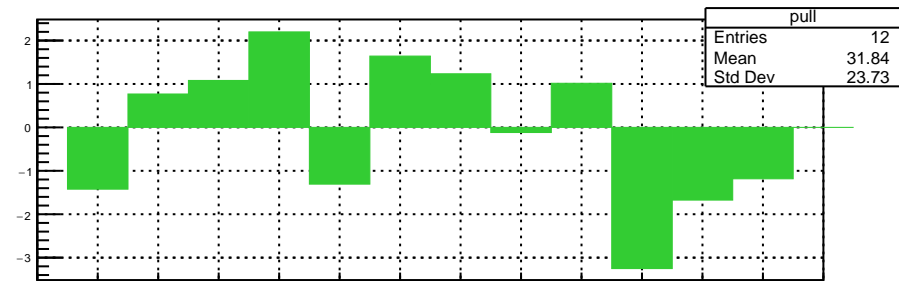
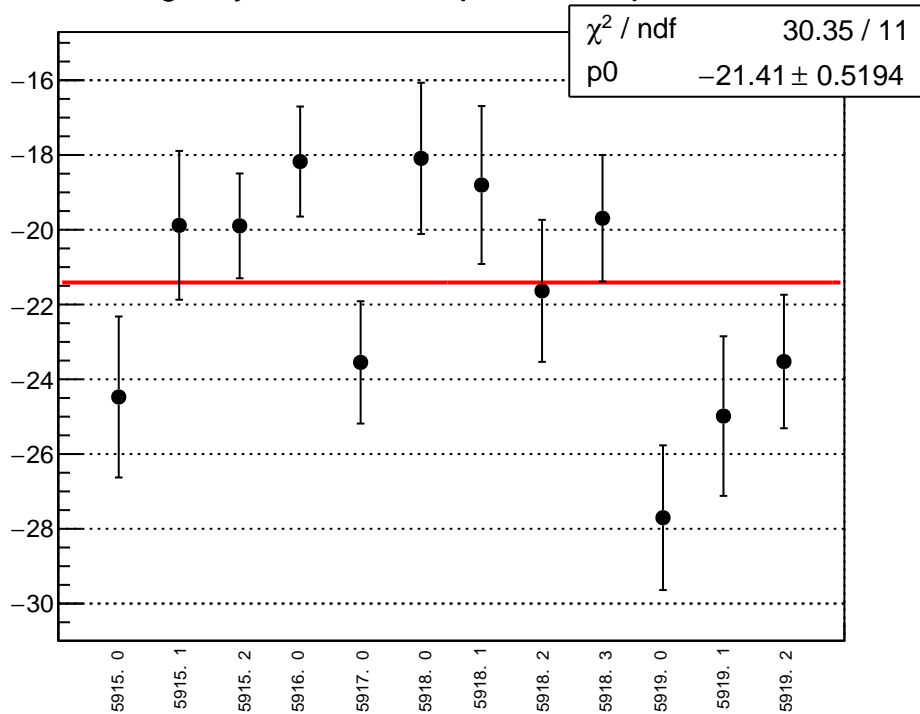


reg\_asym\_atr1\_diff\_bpm4eY\_slope vs run

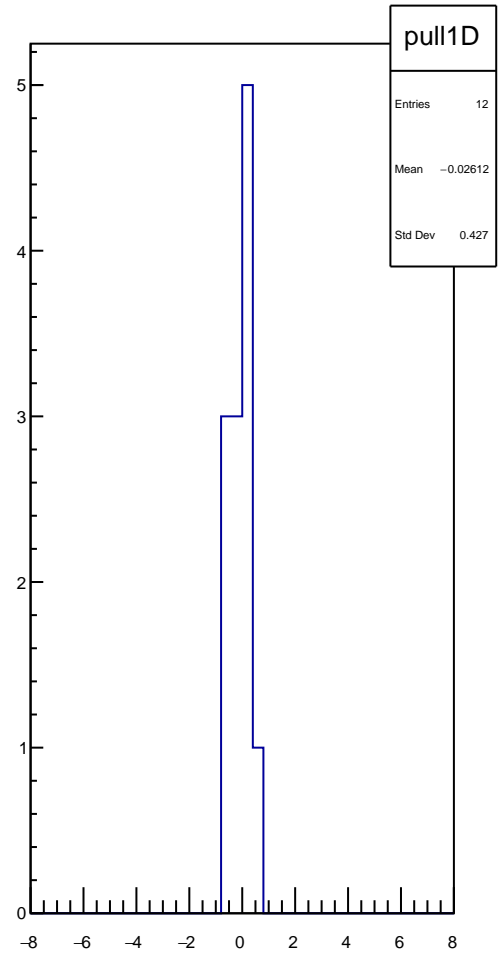
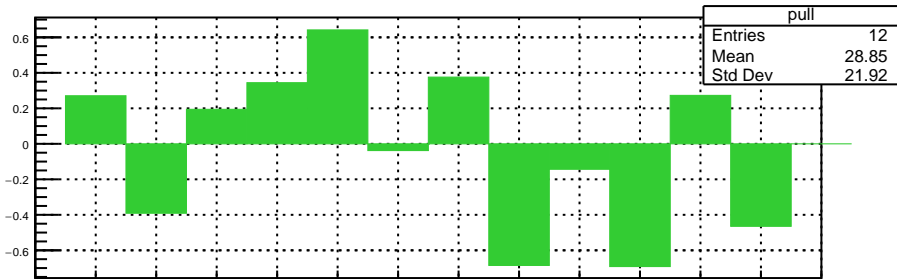
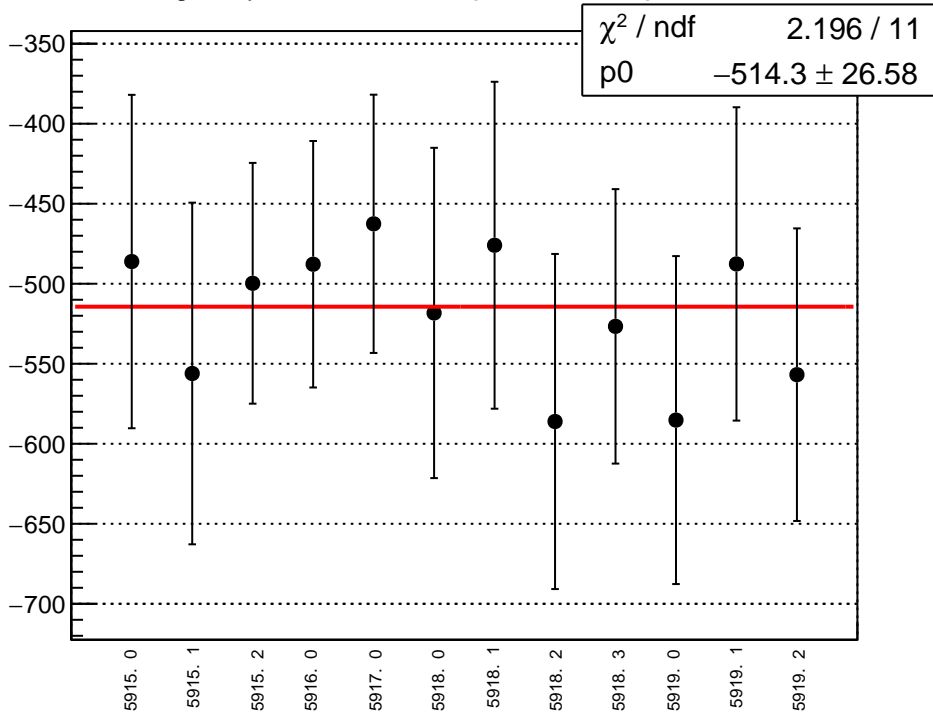




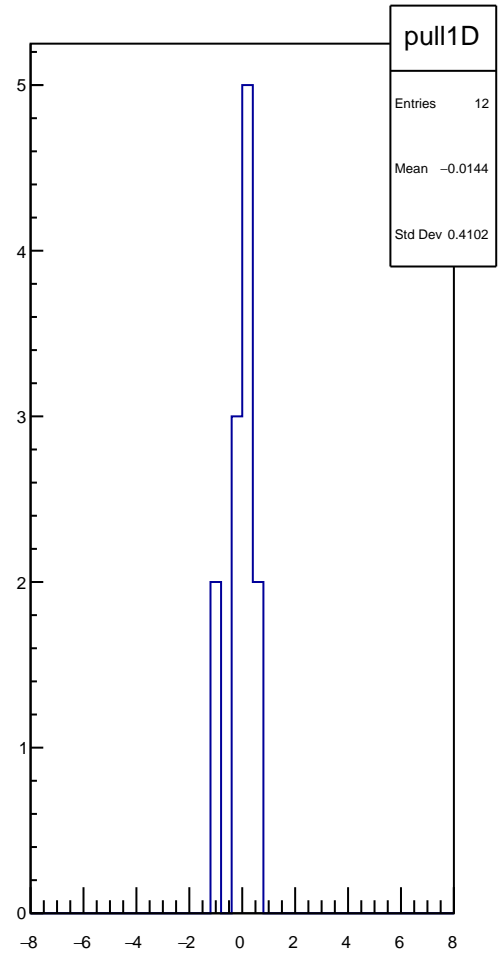
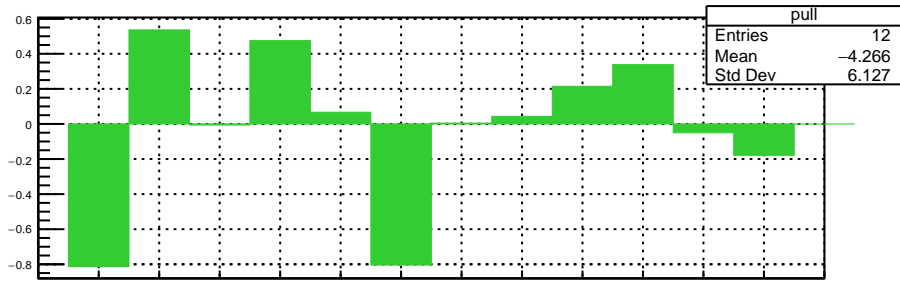
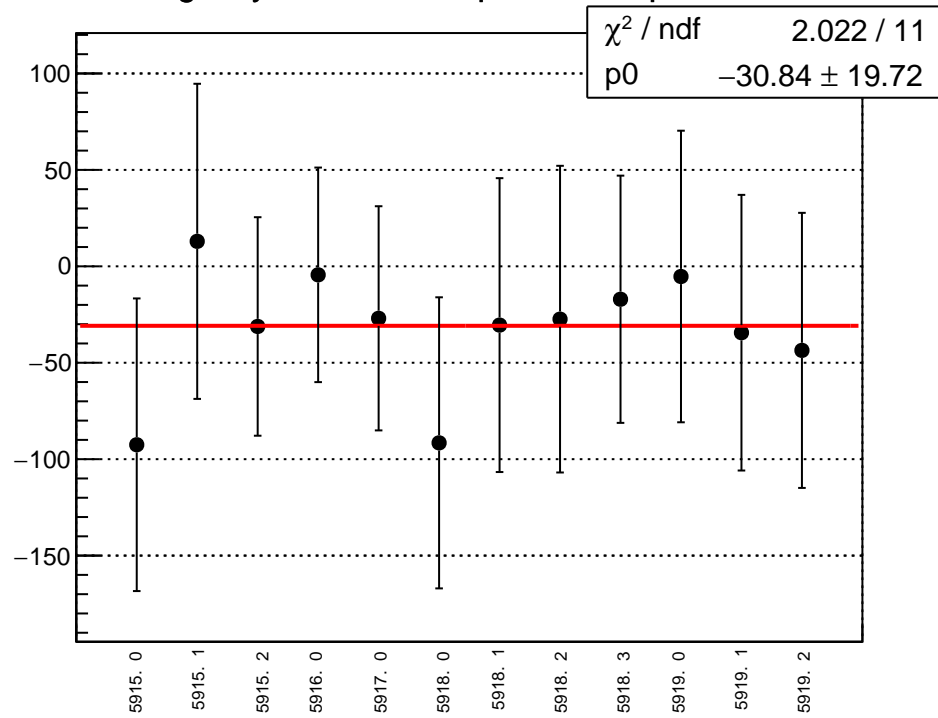
# reg\_asym\_atr1\_diff\_bpm12X\_slope vs run



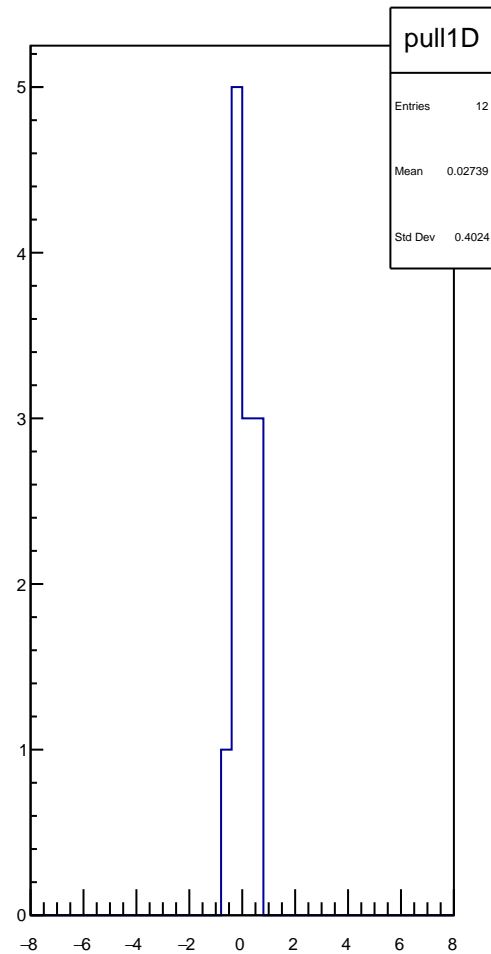
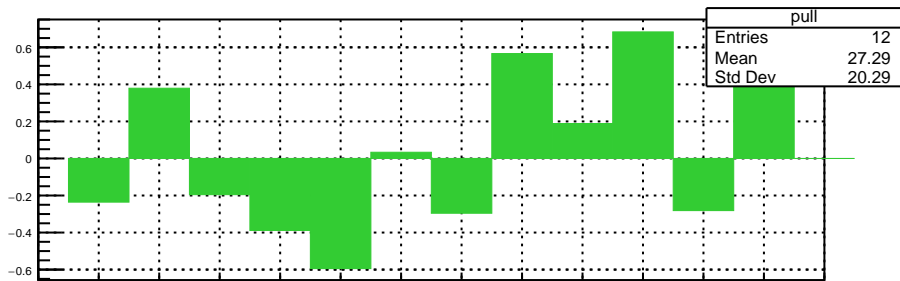
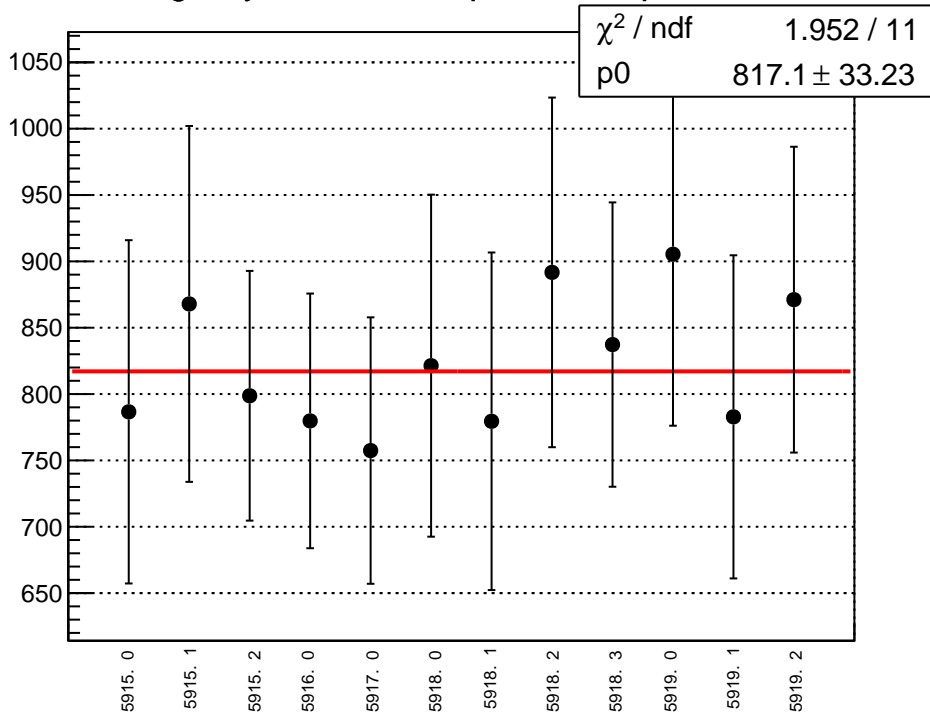
# reg\_asym\_atr2\_diff\_bpm4aX\_slope vs run



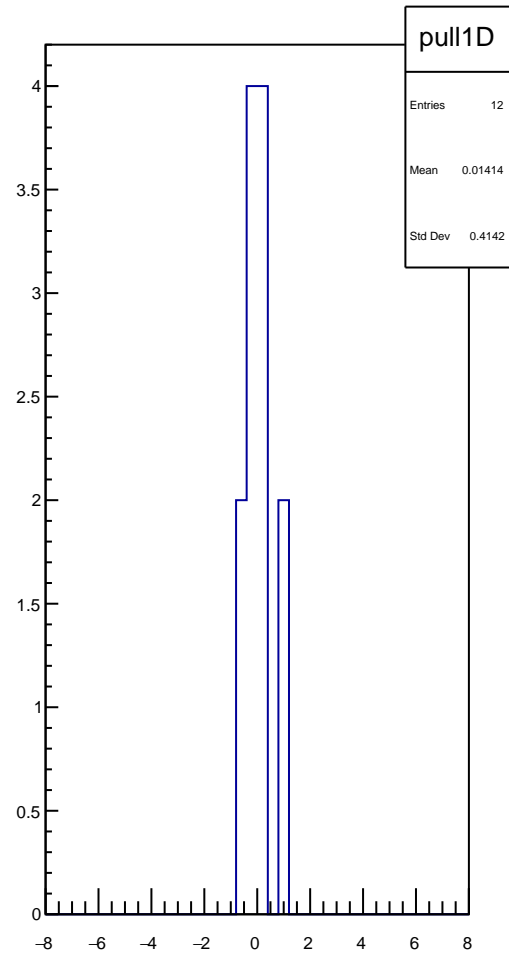
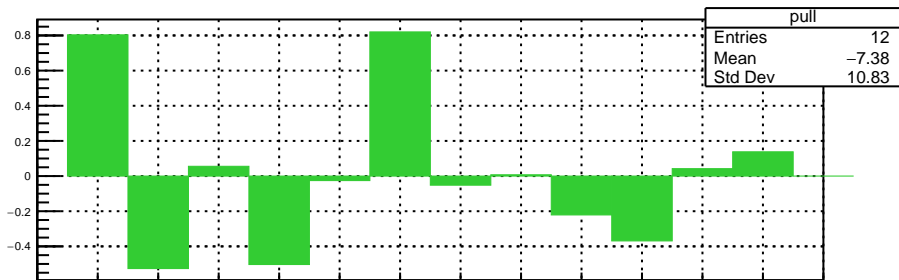
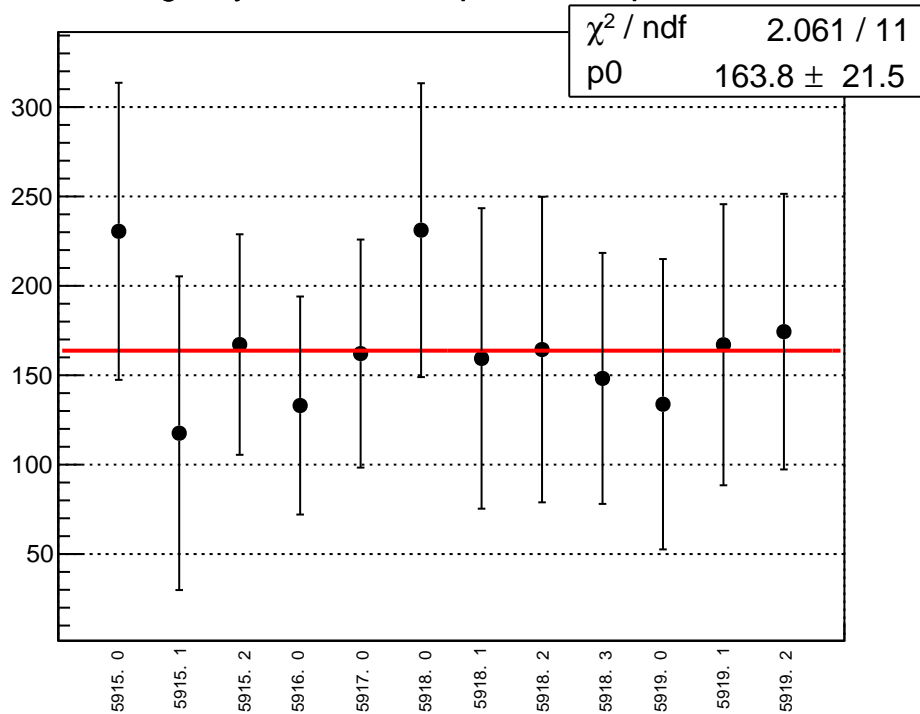
# reg\_asym\_atr2\_diff\_bpm4aY\_slope vs run



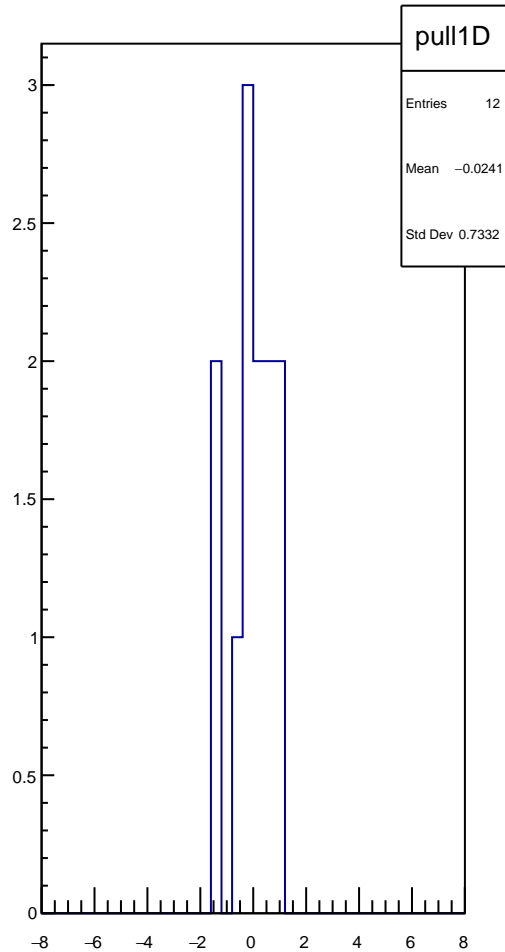
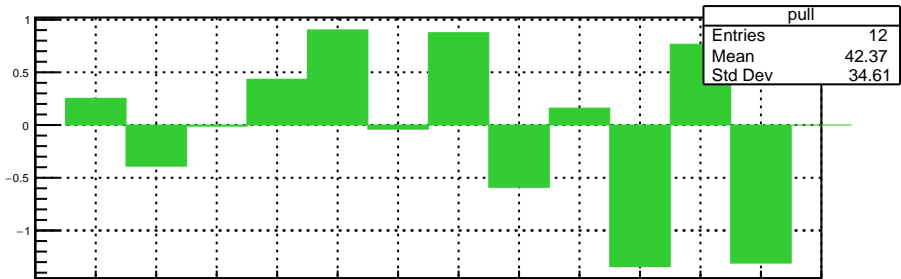
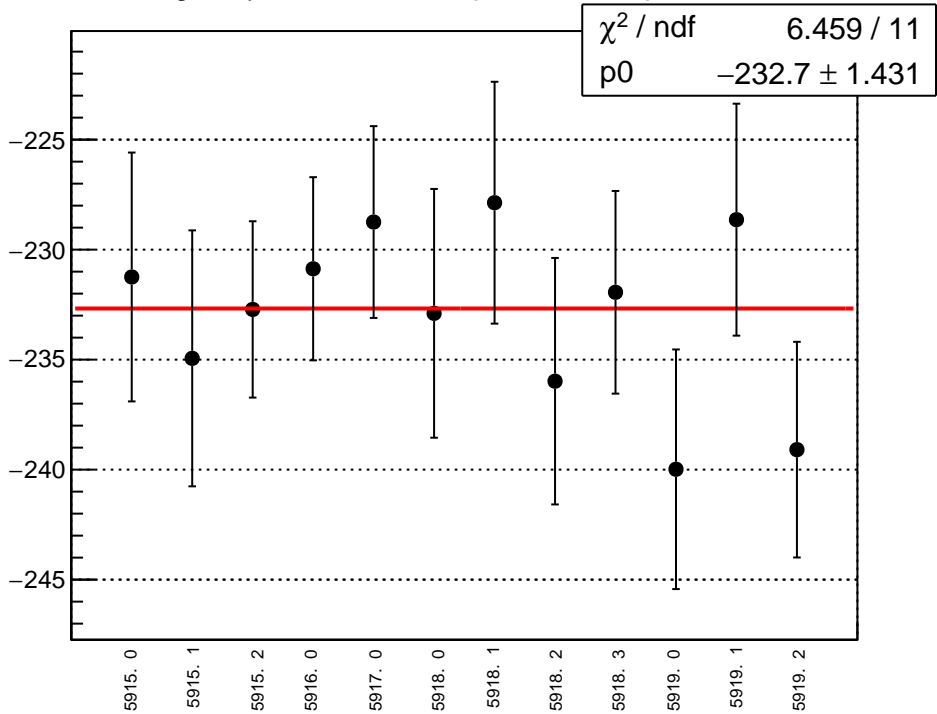
# reg\_asym\_atr2\_diff\_bpm4eX\_slope vs run



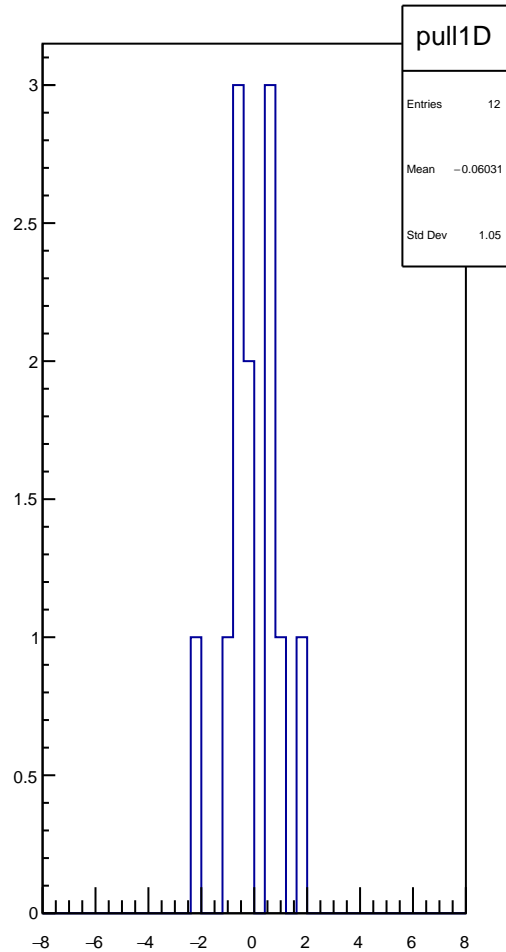
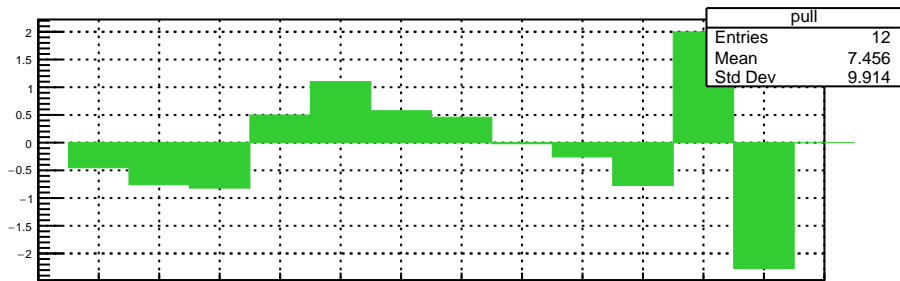
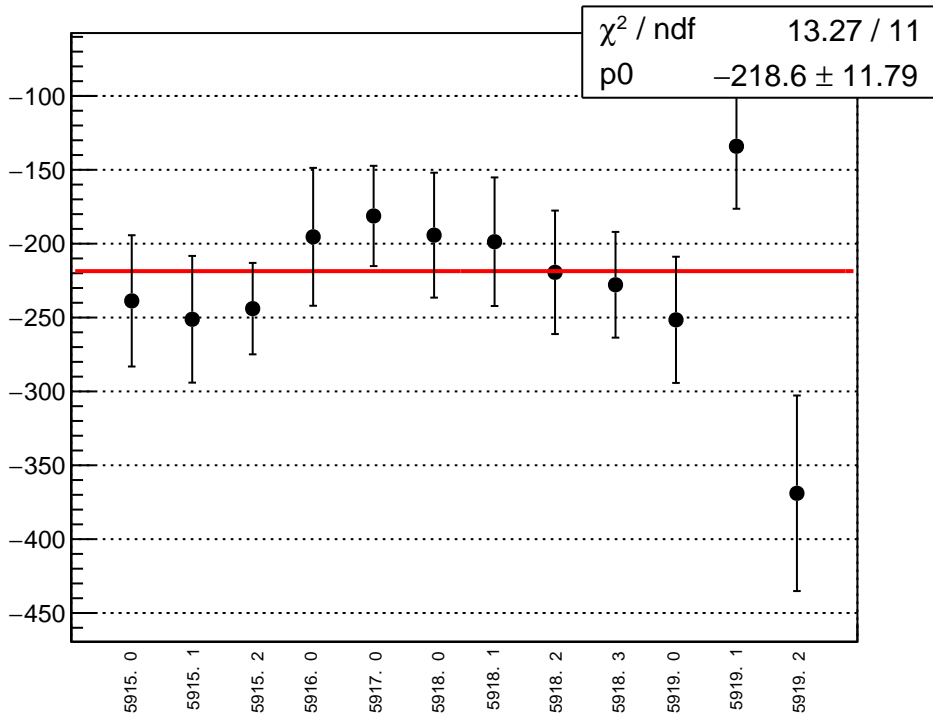
# reg\_asym\_atr2\_diff\_bpm4eY\_slope vs run



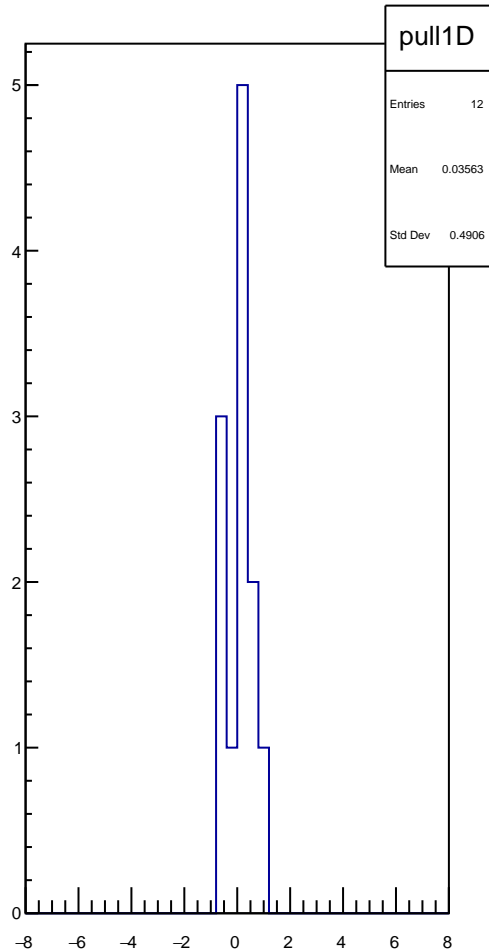
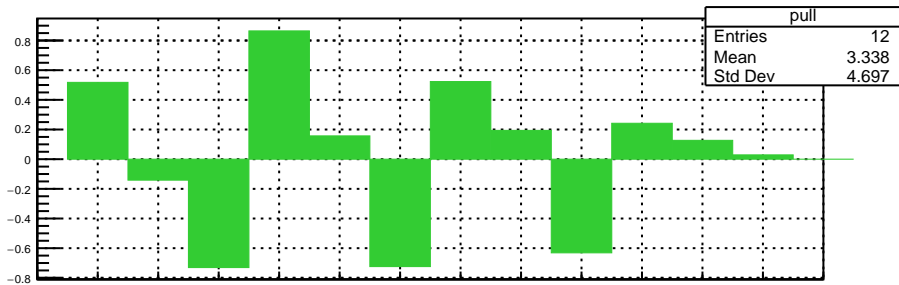
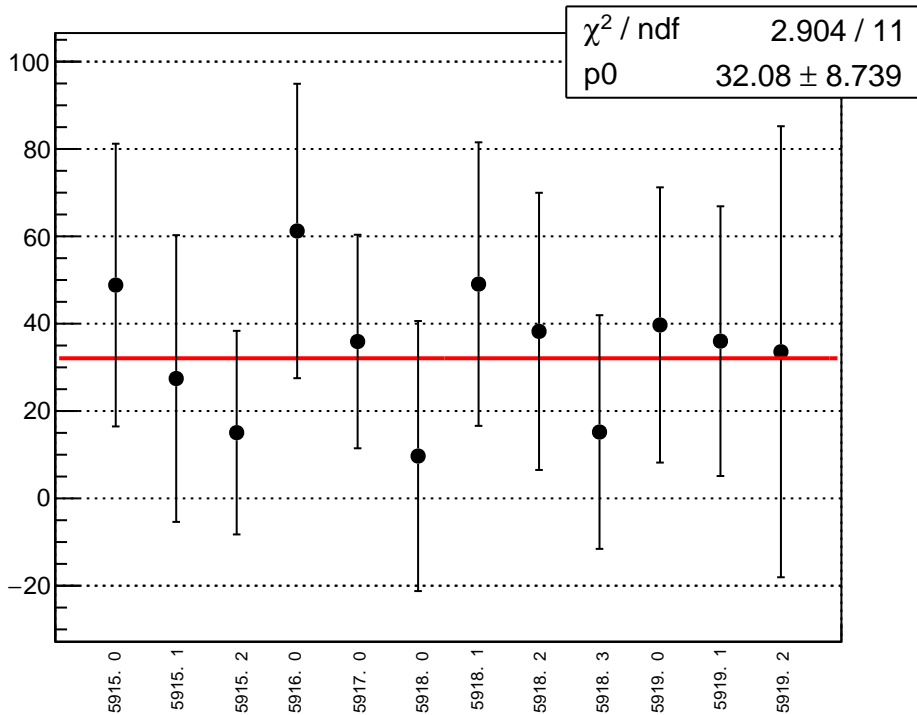
# reg\_asym\_atr2\_diff\_bpm12X\_slope vs run



reg\_asym\_atl\_avg\_diff\_bpm4aX\_slope vs run

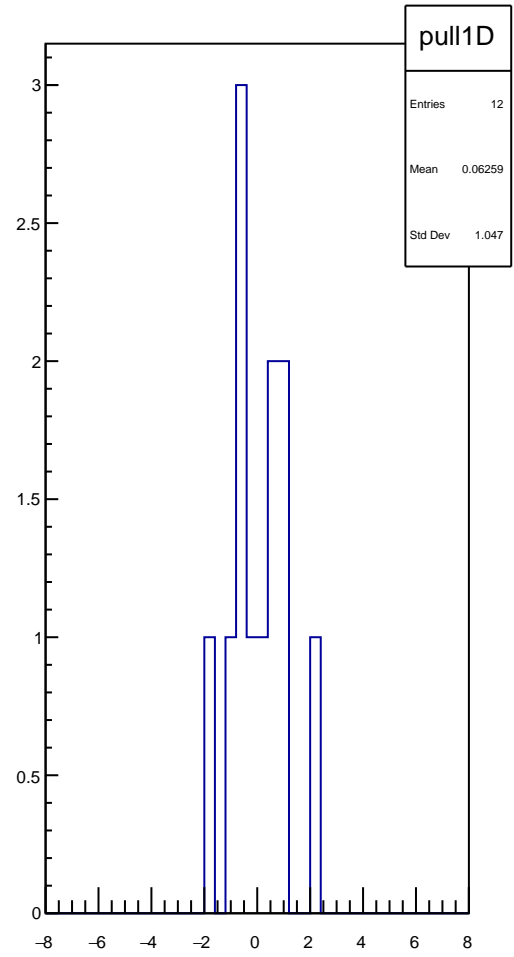
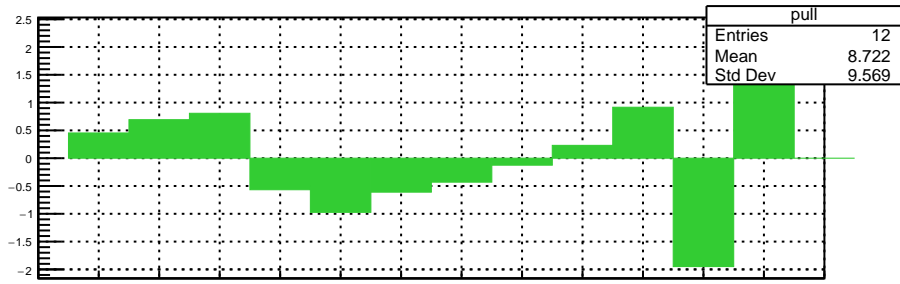
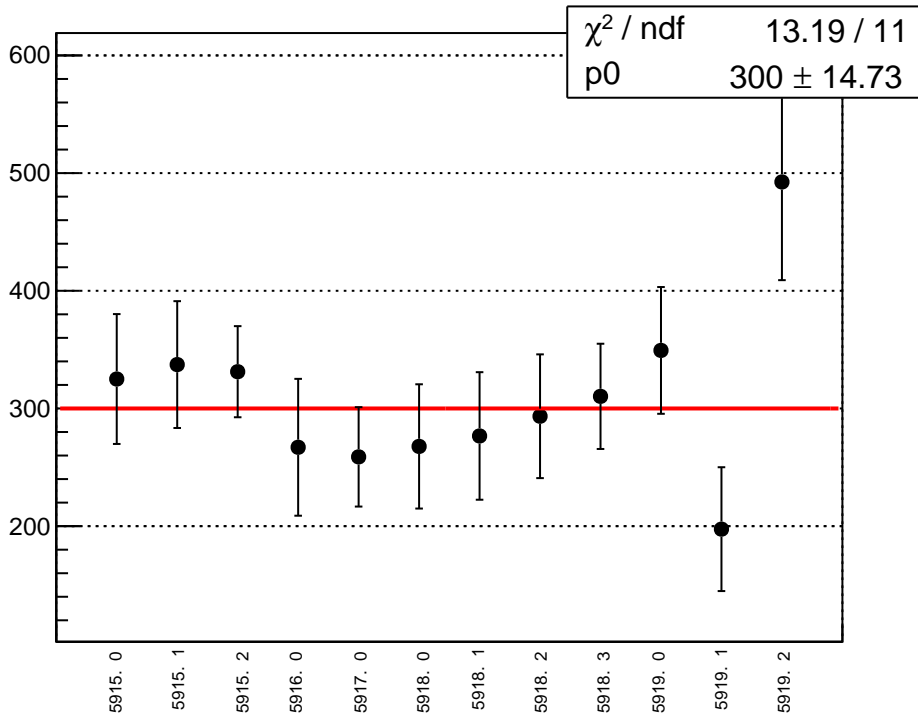


reg\_asym\_atl\_avg\_diff\_bpm4aY\_slope vs run

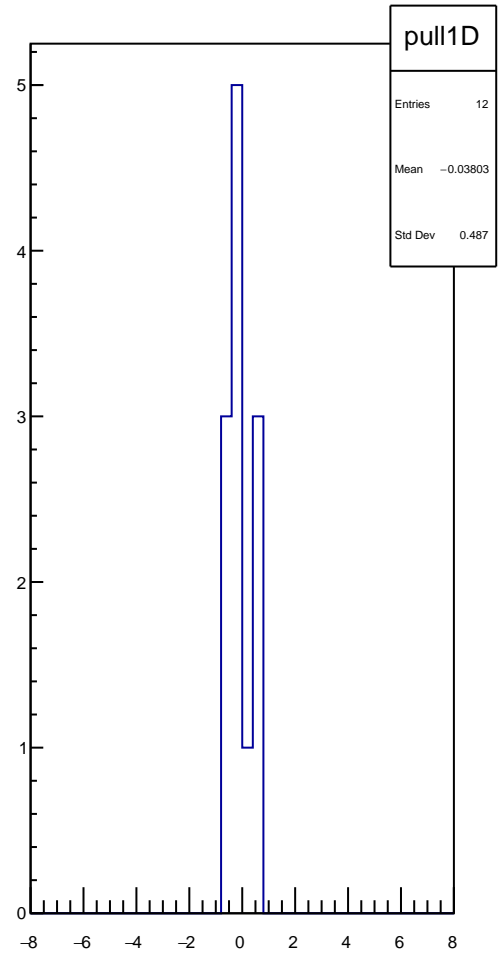
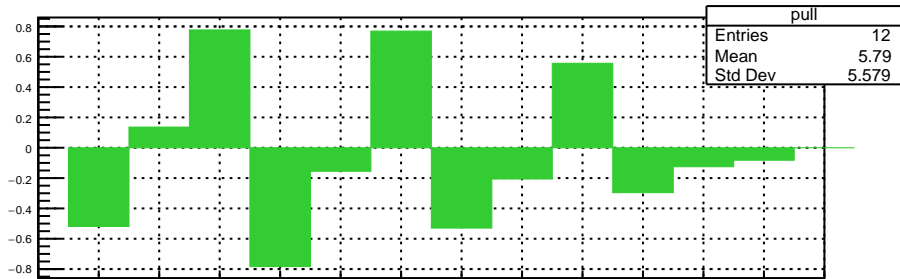
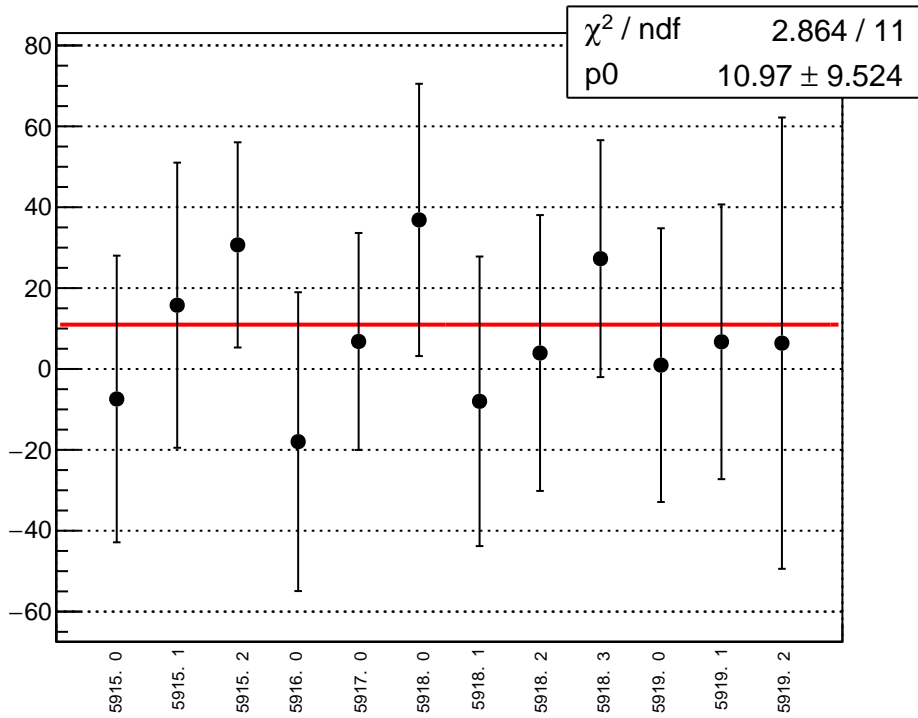




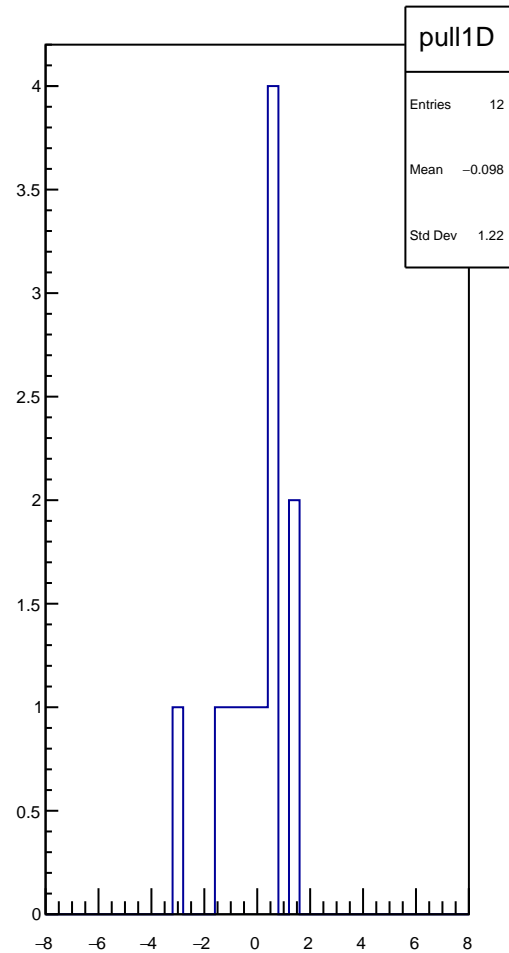
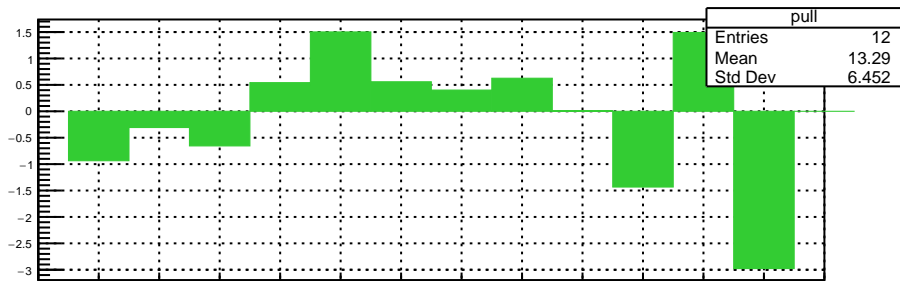
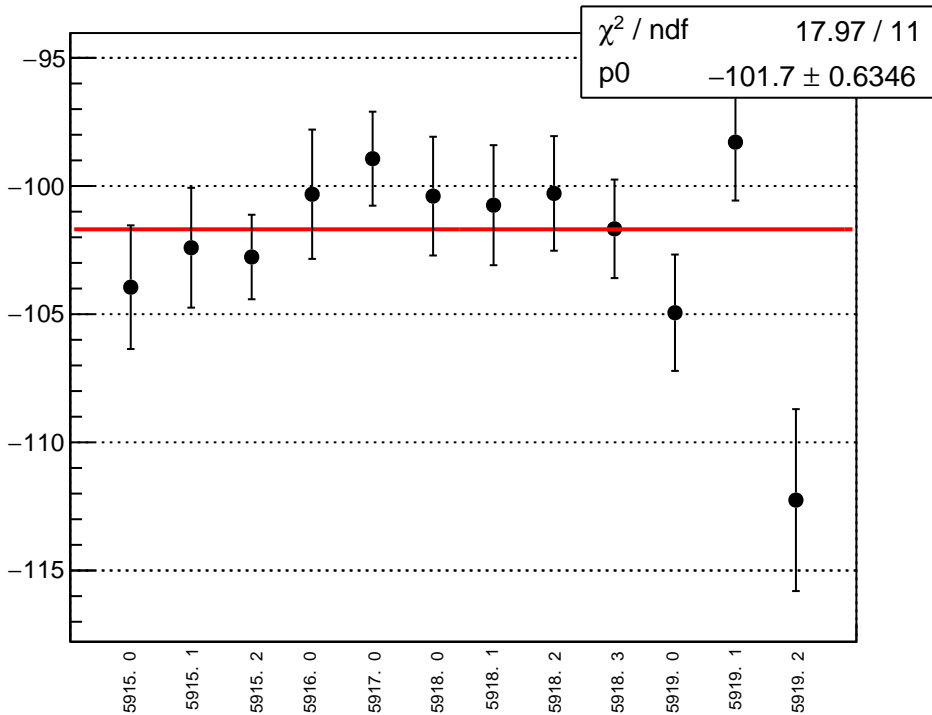
reg\_asym\_atl\_avg\_diff\_bpm4eX\_slope vs run



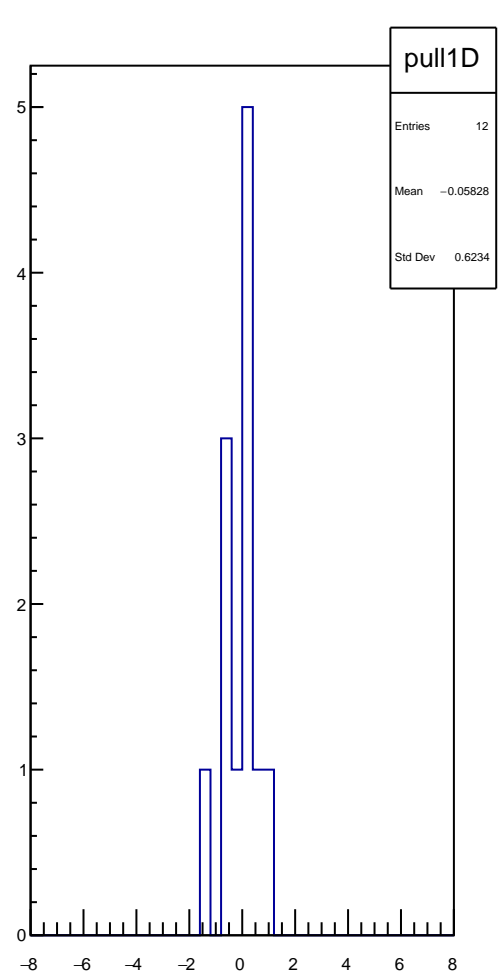
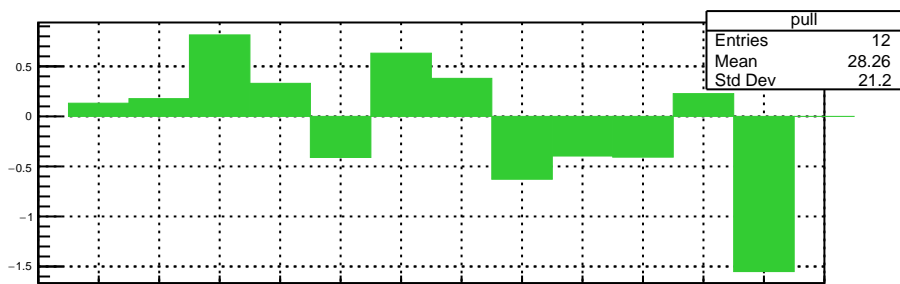
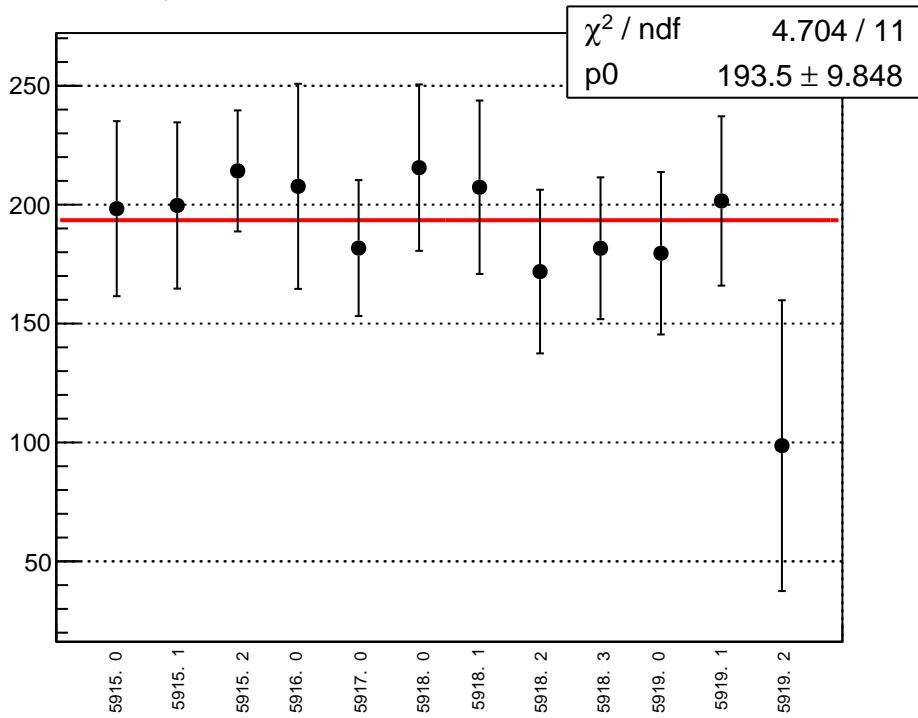
# reg\_asym\_atl\_avg\_diff\_bpm4eY\_slope vs run



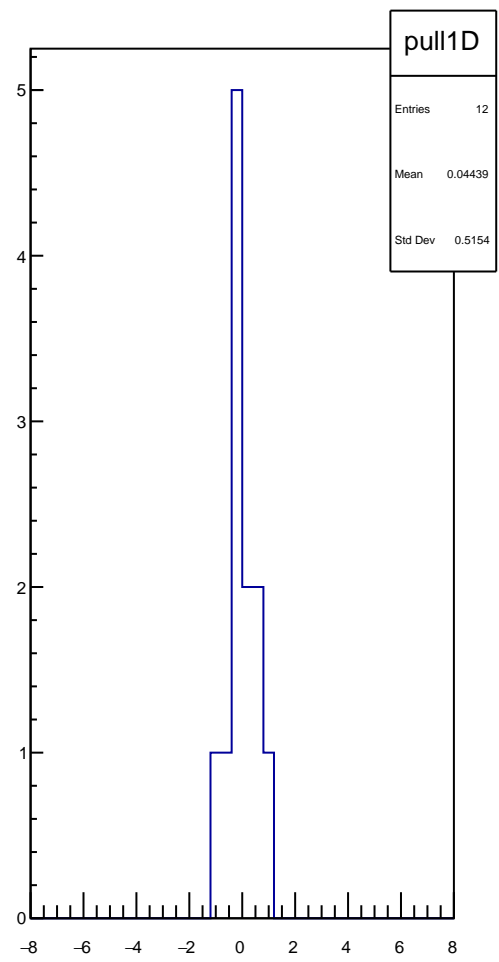
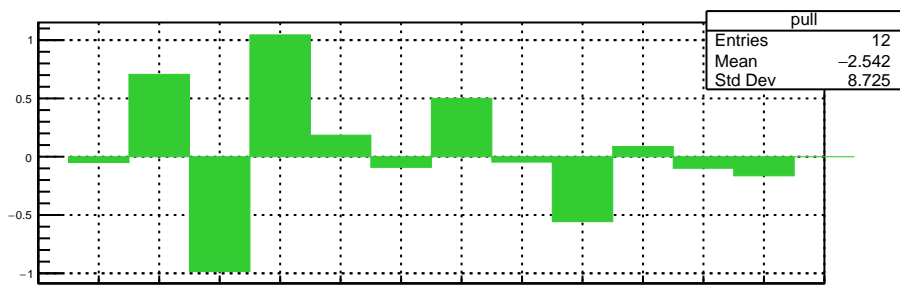
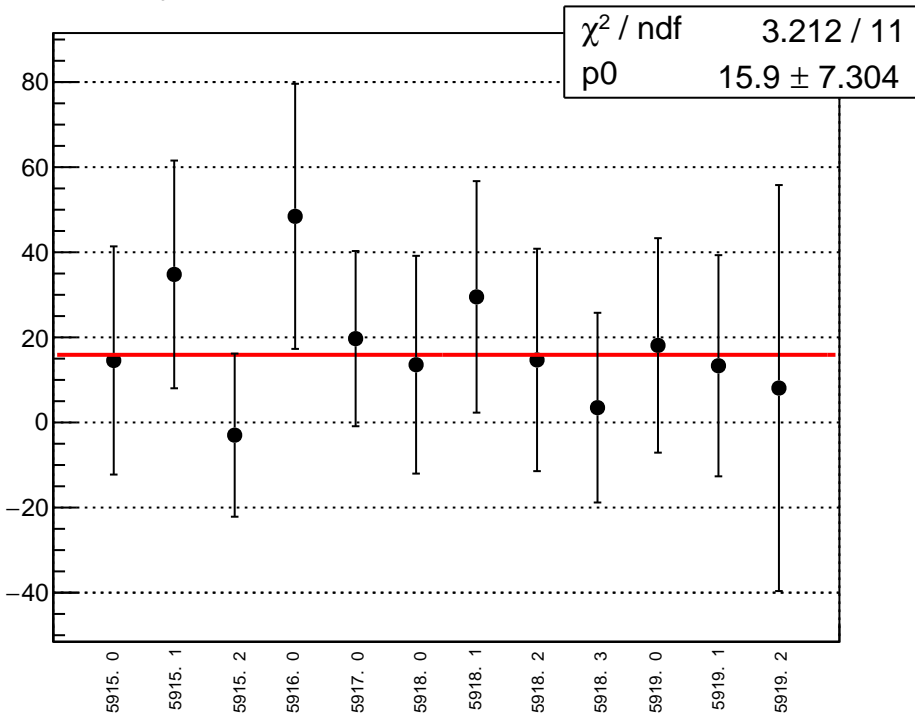
reg\_asym\_atl\_avg\_diff\_bpm12X\_slope vs run



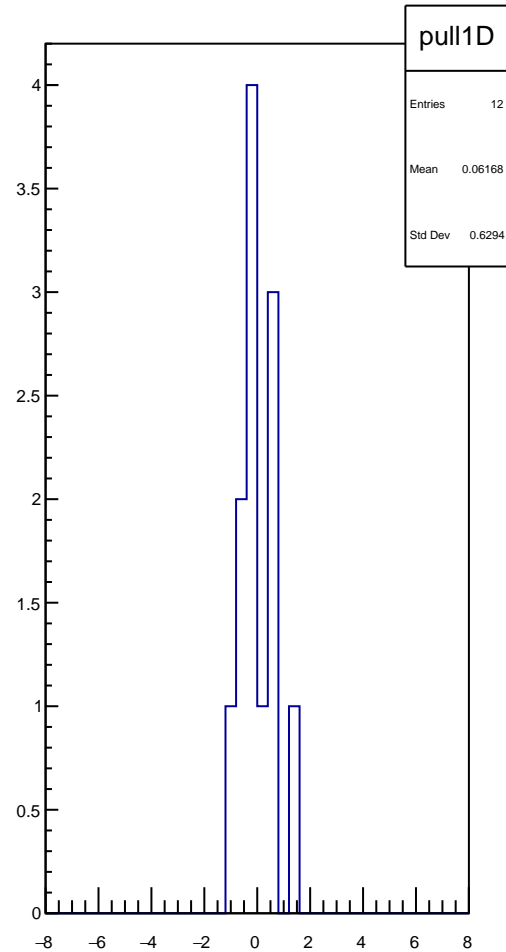
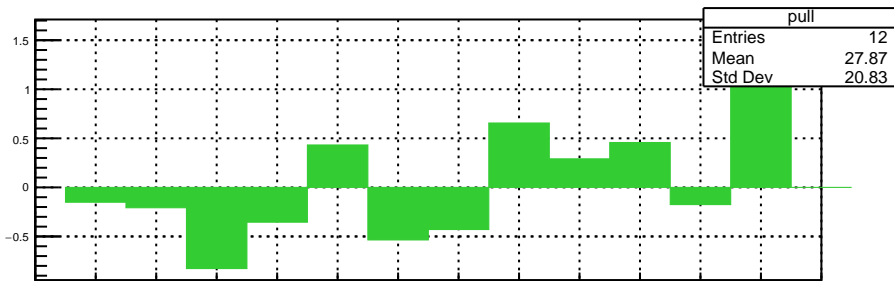
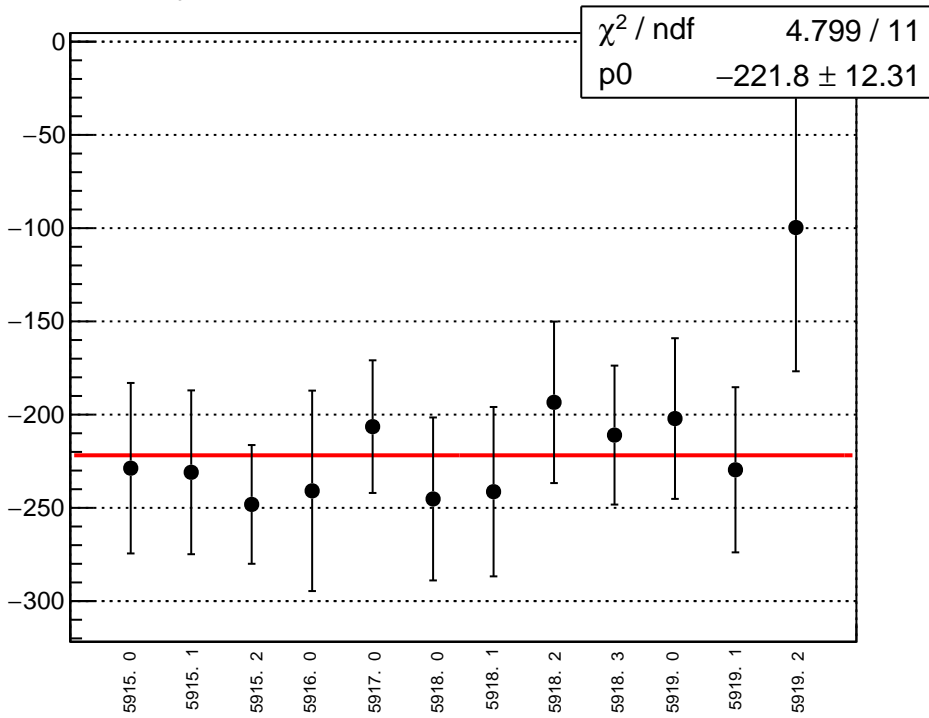
# reg\_asym\_atl\_dd\_diff\_bpm4aX\_slope vs run



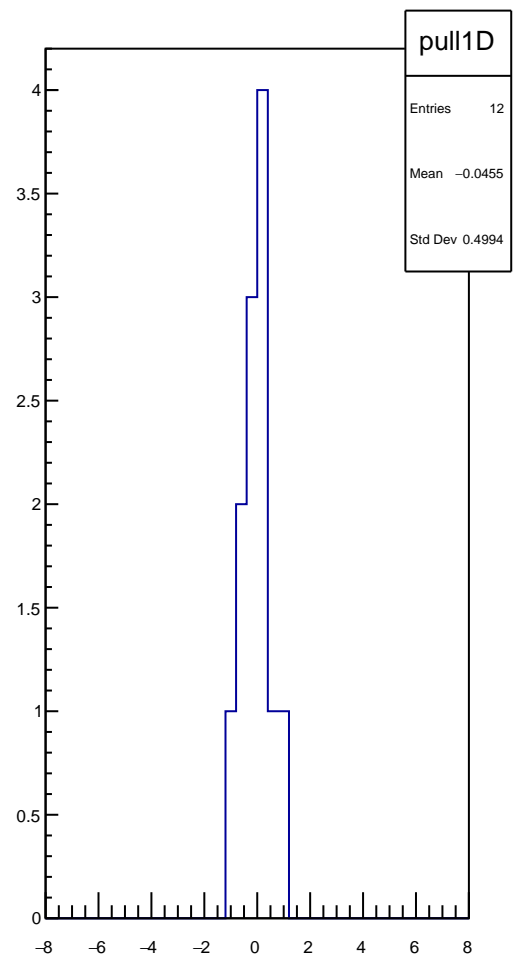
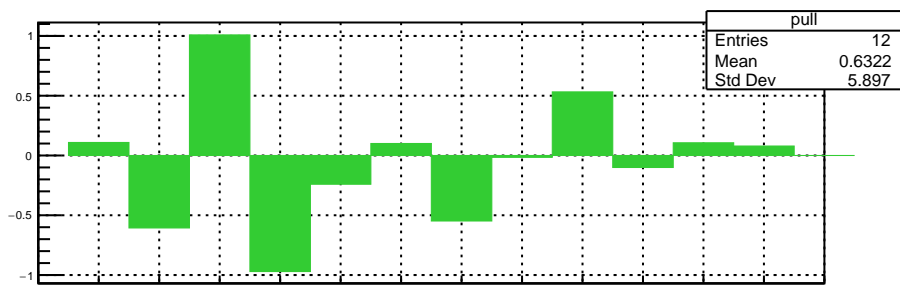
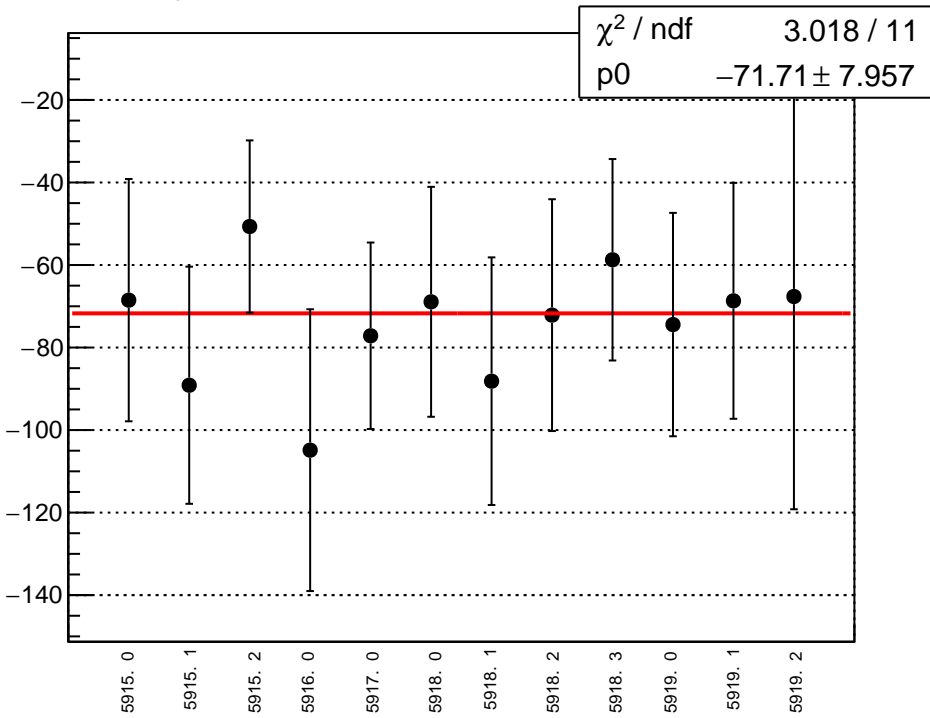
# reg\_asym\_atl\_dd\_diff\_bpm4aY\_slope vs run



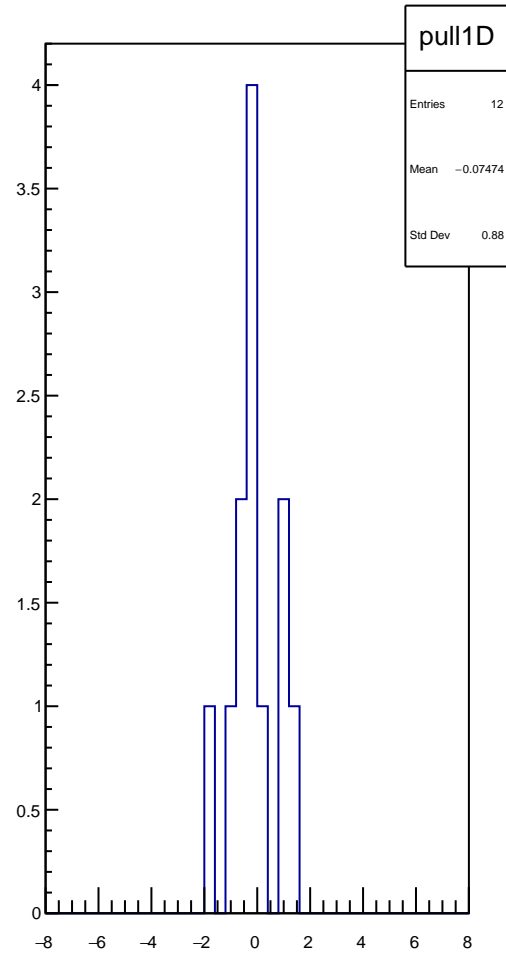
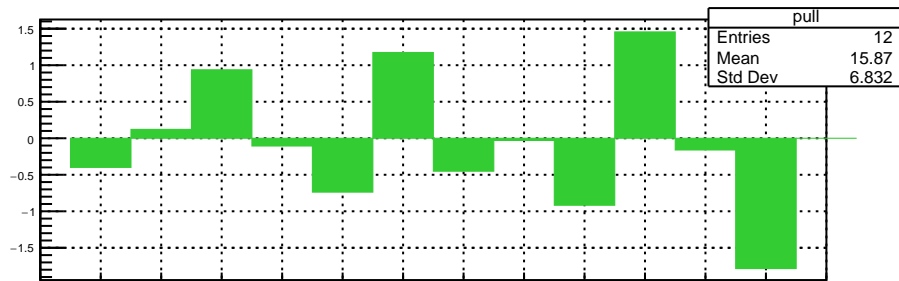
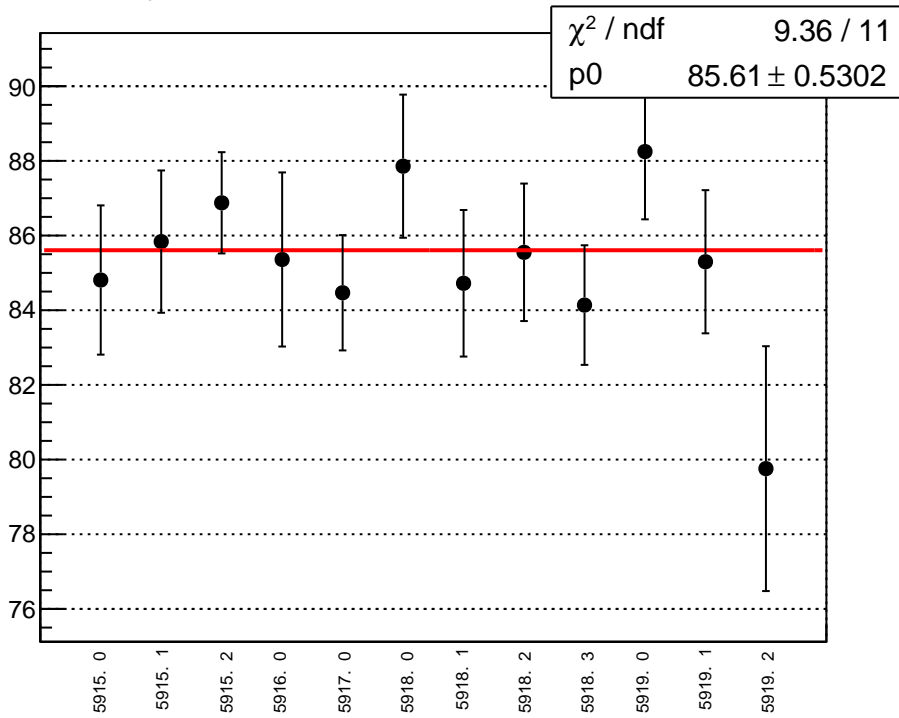
# reg\_asym\_atl\_dd\_diff\_bpm4eX\_slope vs run



# reg\_asym\_atl\_dd\_diff\_bpm4eY\_slope vs run

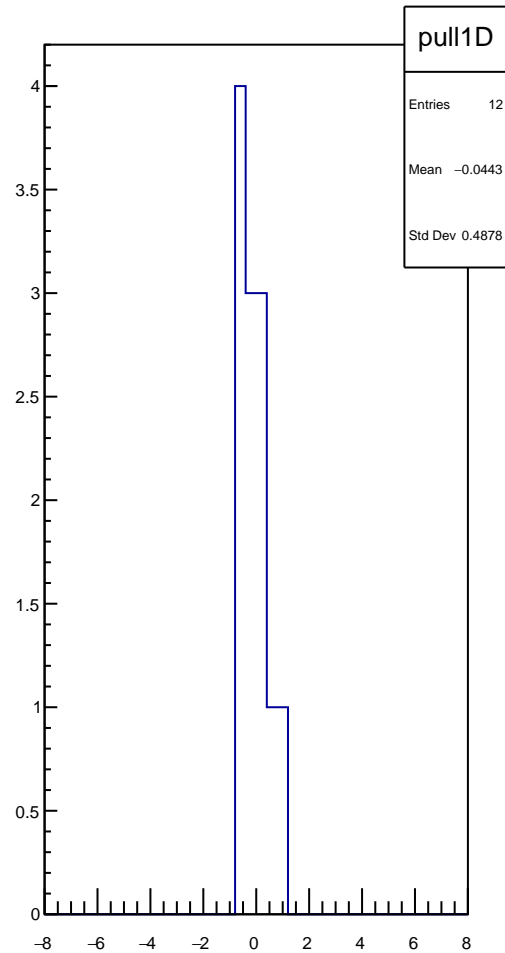
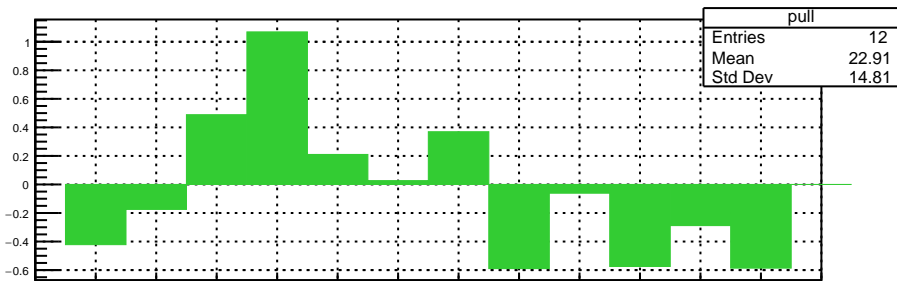
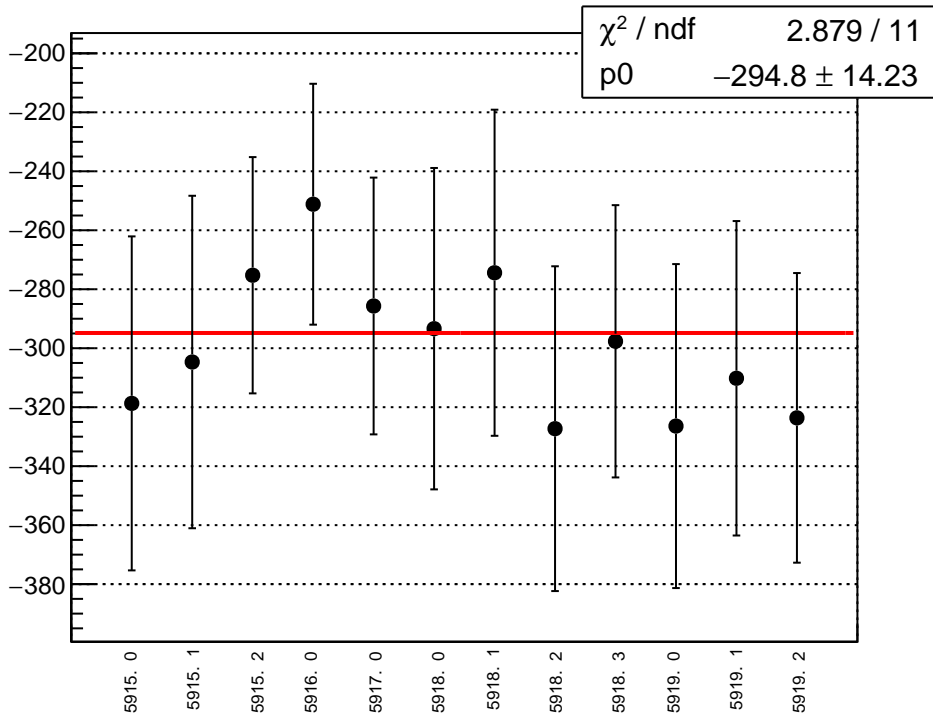


# reg\_asym\_atl\_dd\_diff\_bpm12X\_slope vs run

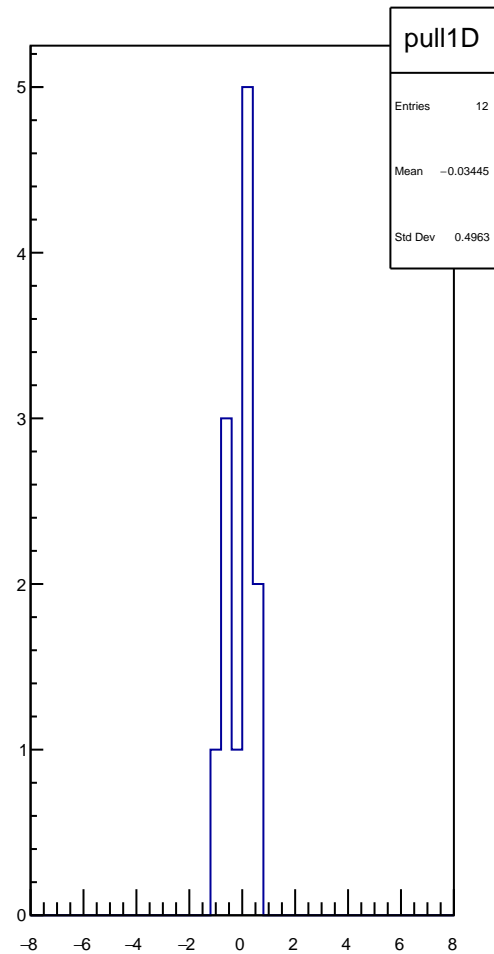
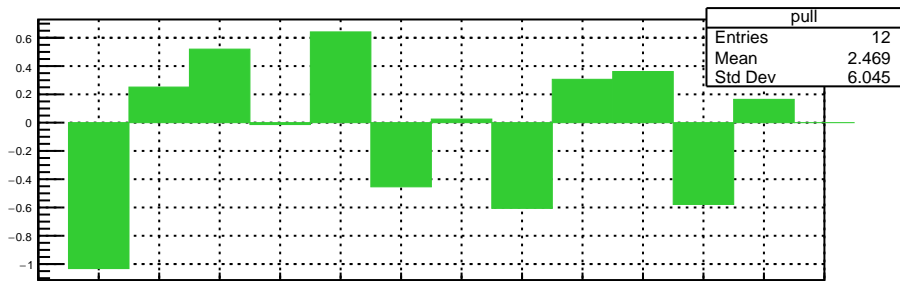
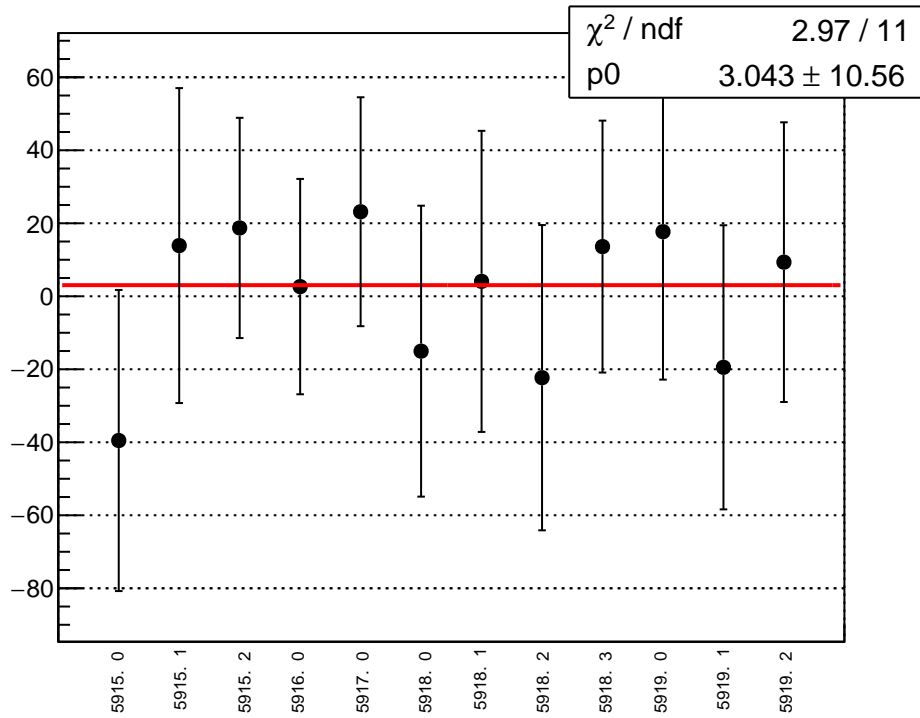




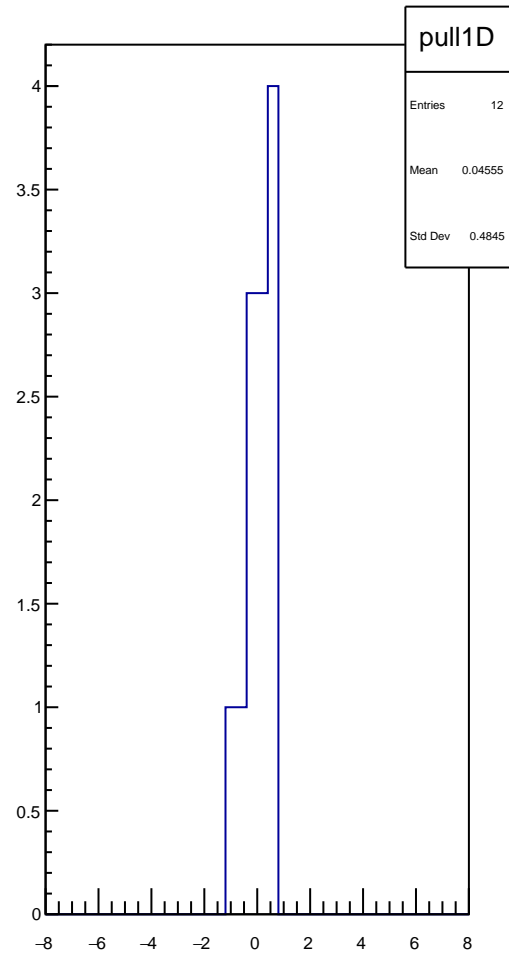
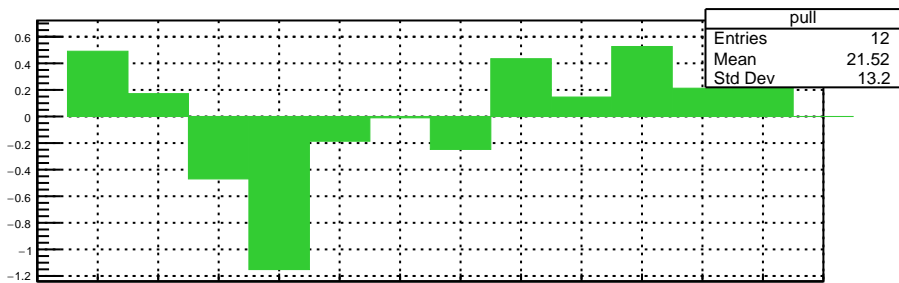
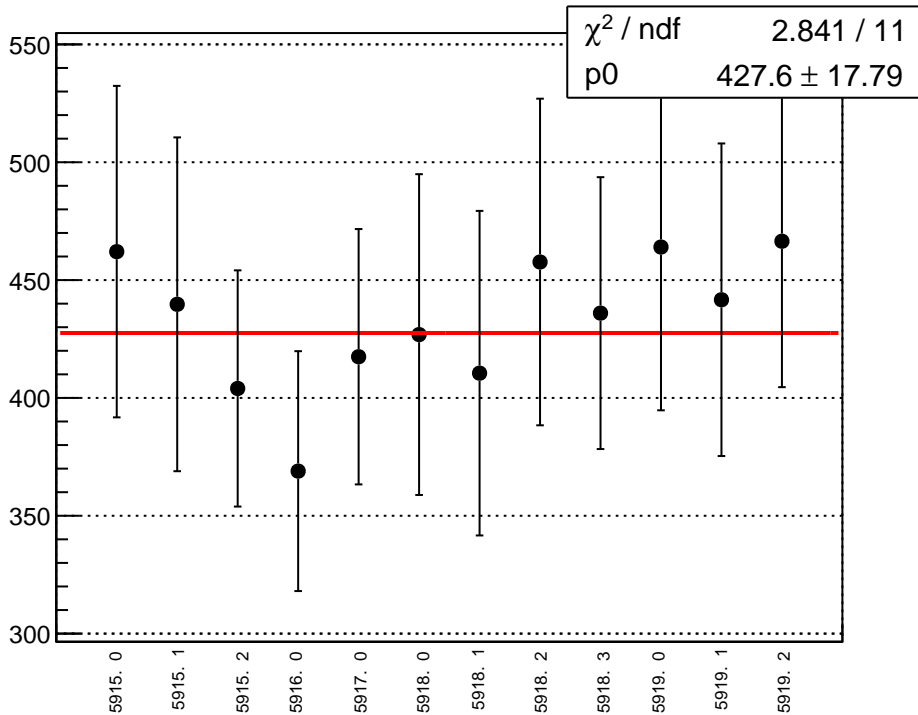
# reg\_asym\_atr\_avg\_diff\_bpm4aX\_slope vs run



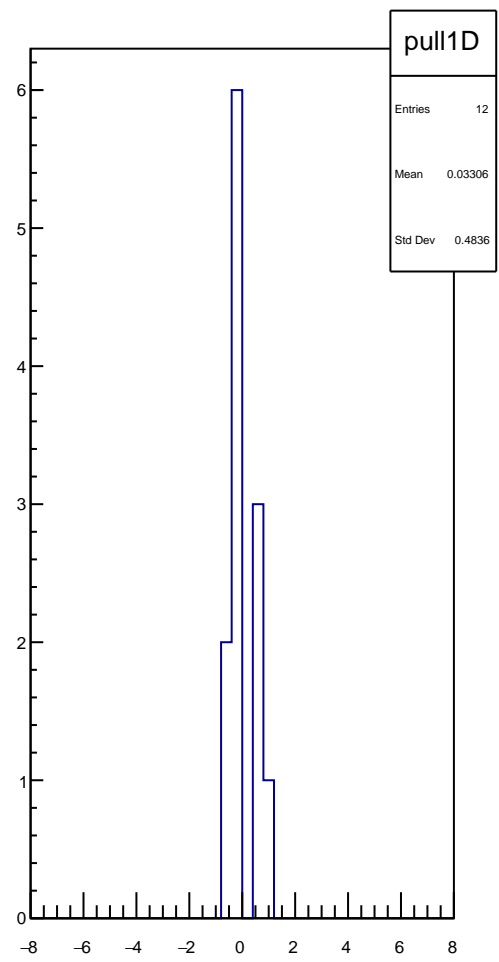
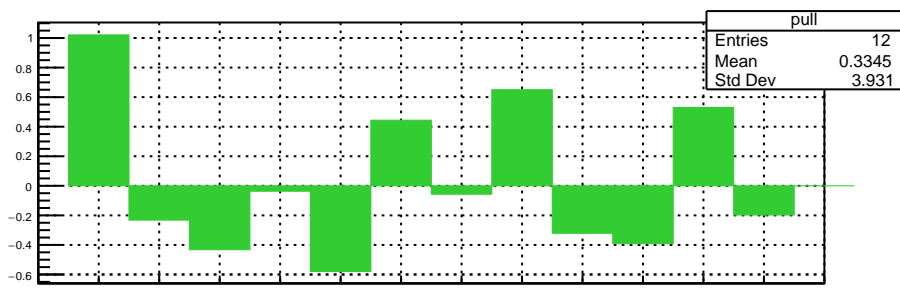
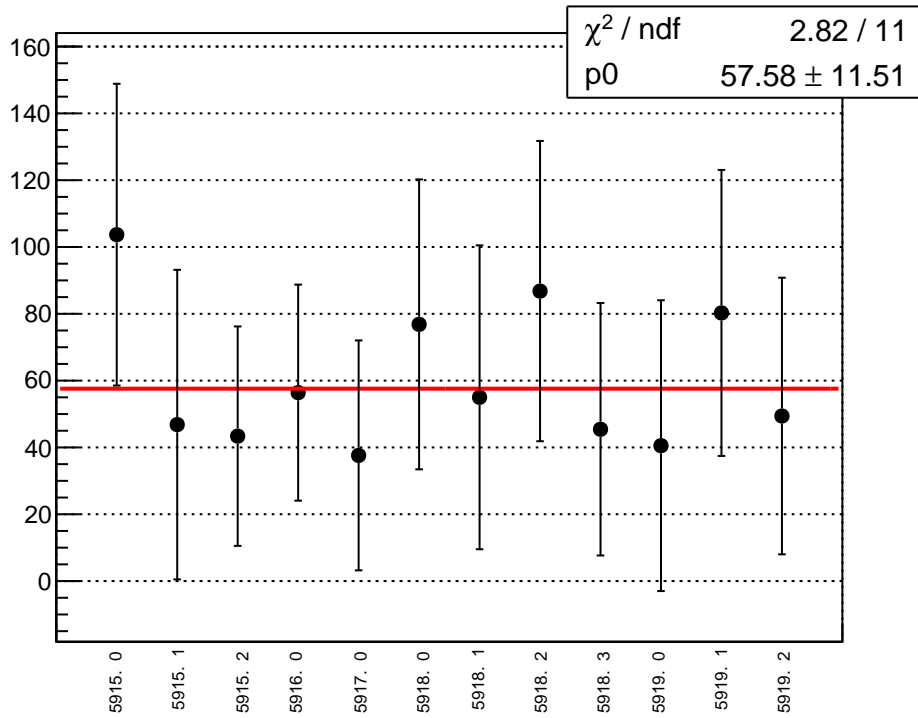
reg\_asym\_atr\_avg\_diff\_bpm4aY\_slope vs run



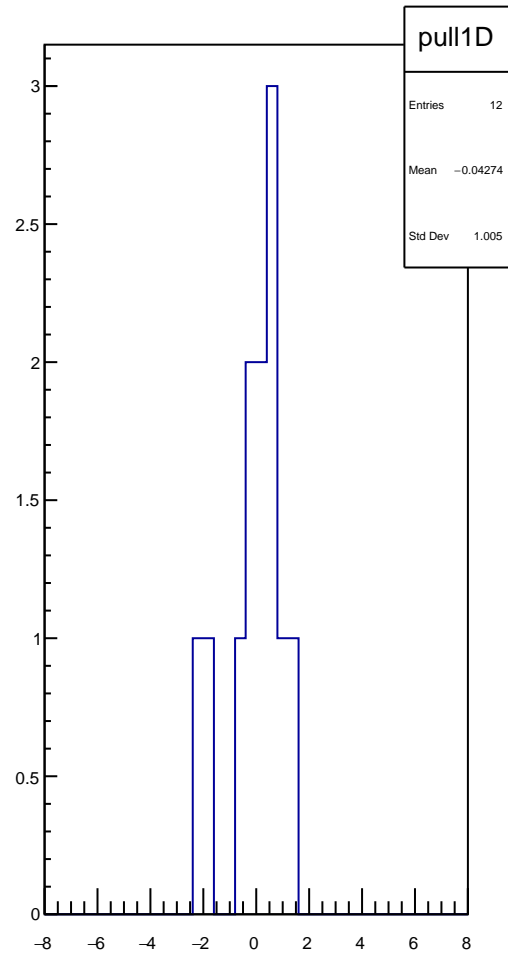
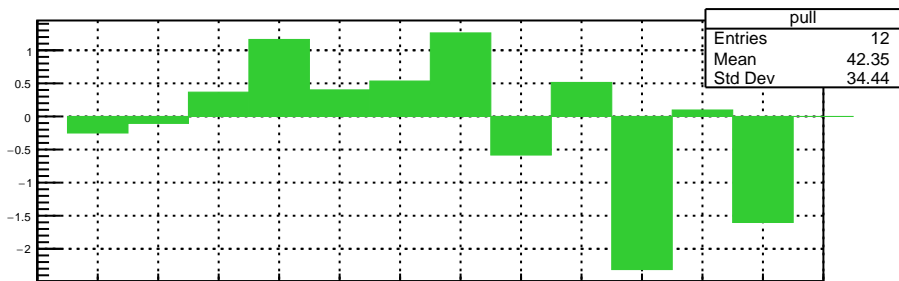
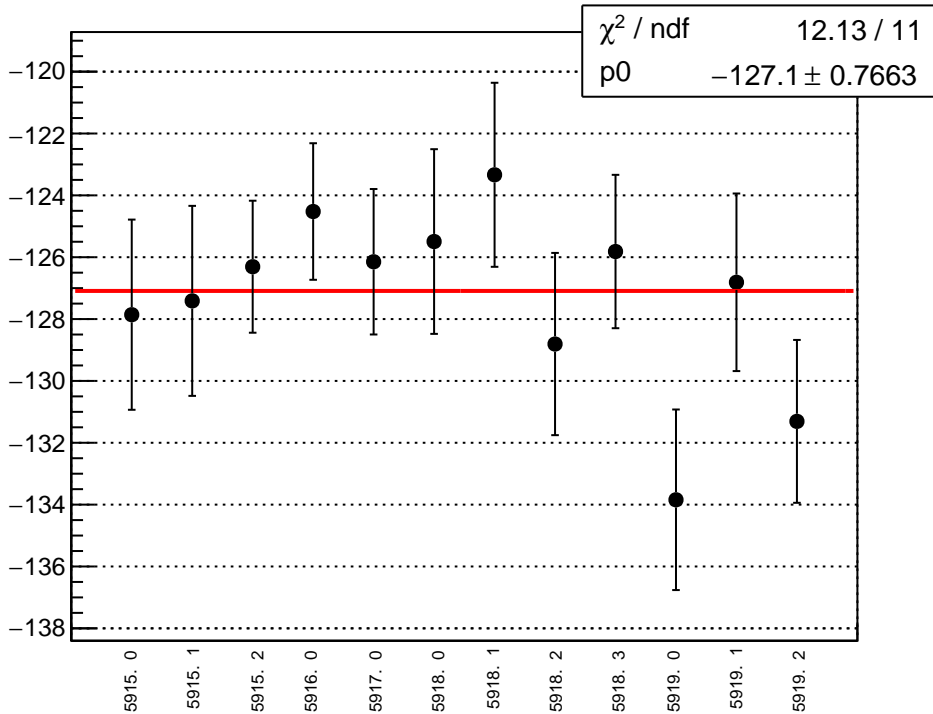
reg\_asym\_atr\_avg\_diff\_bpm4eX\_slope vs run



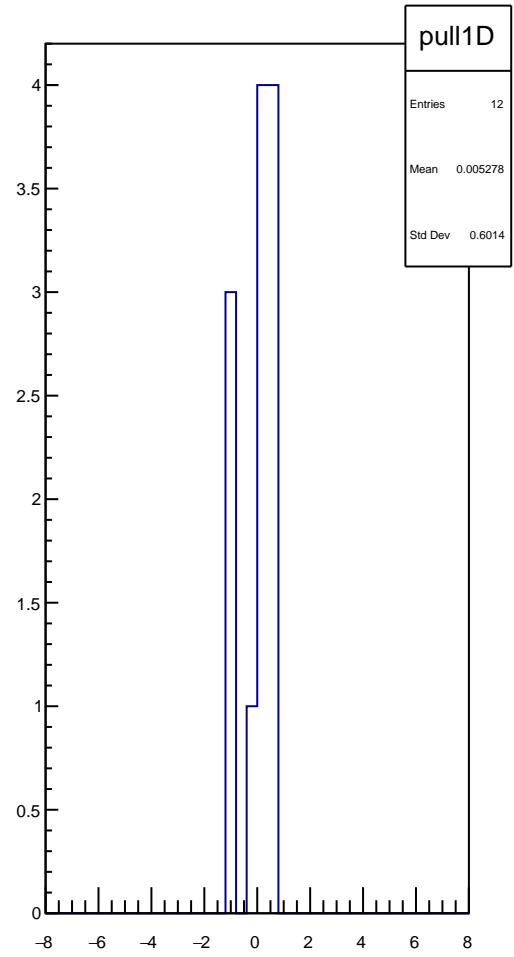
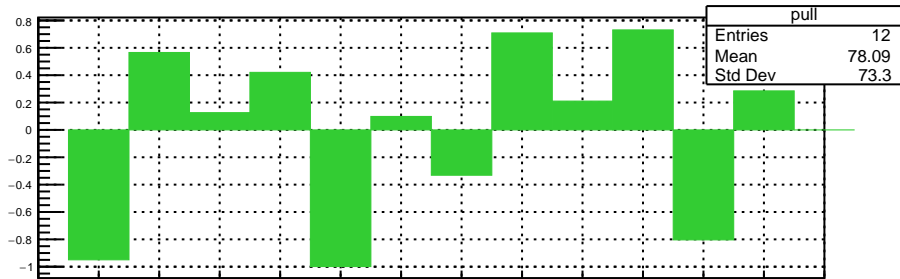
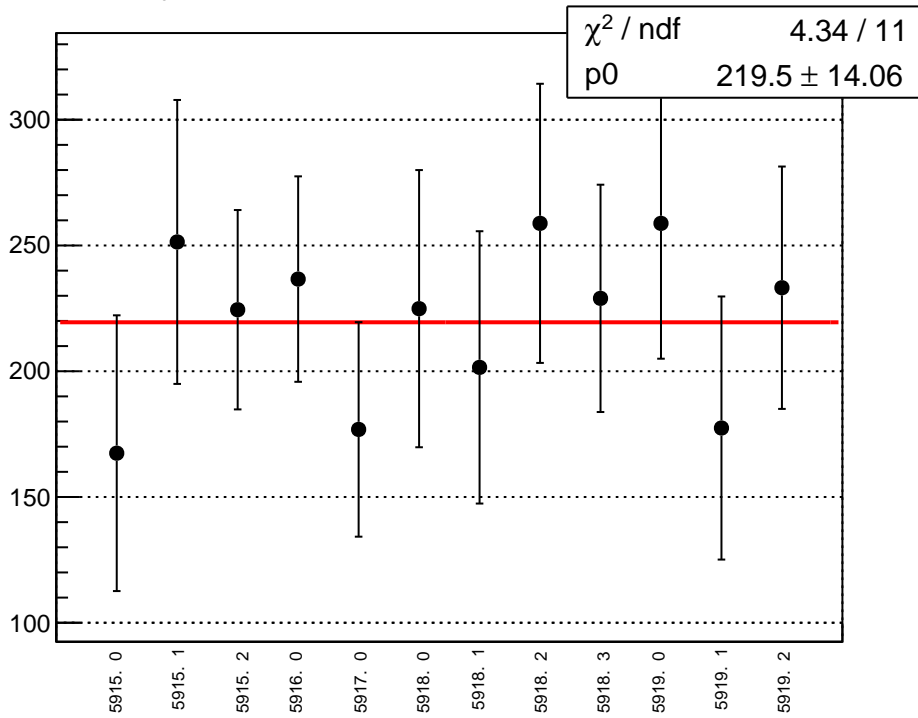
reg\_asym\_atr\_avg\_diff\_bpm4eY\_slope vs run



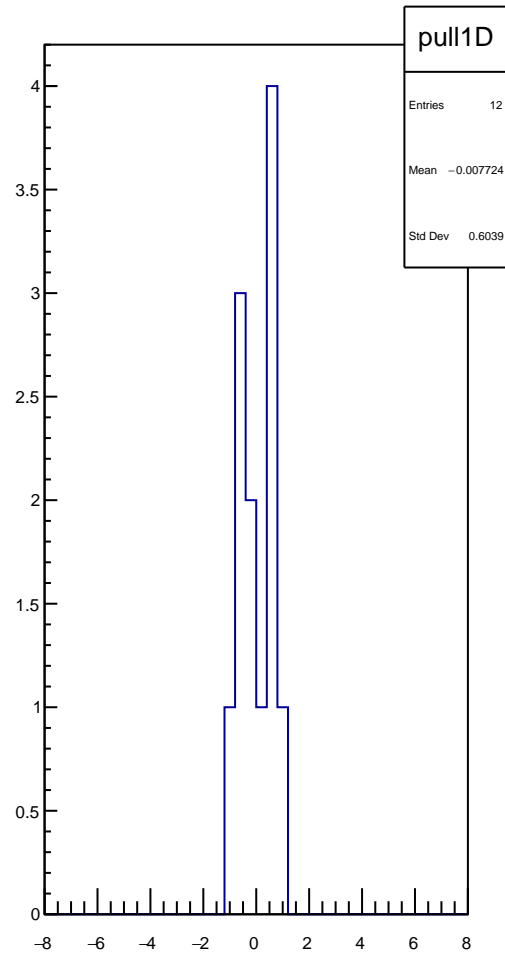
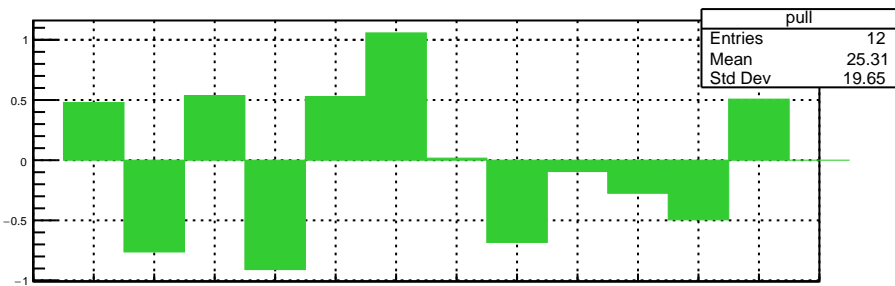
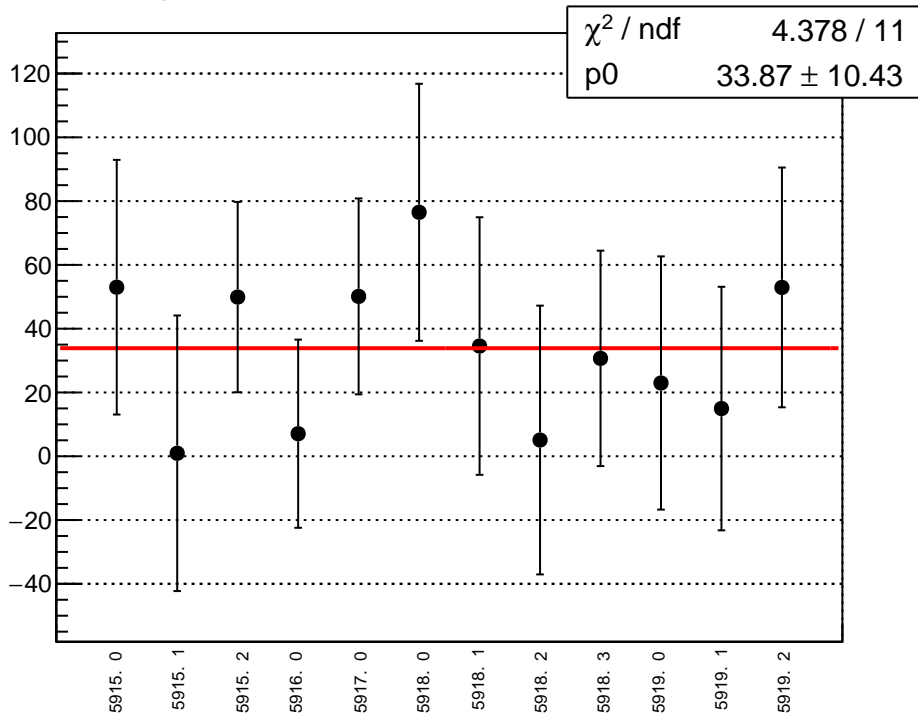
reg\_asym\_atr\_avg\_diff\_bpm12X\_slope vs run



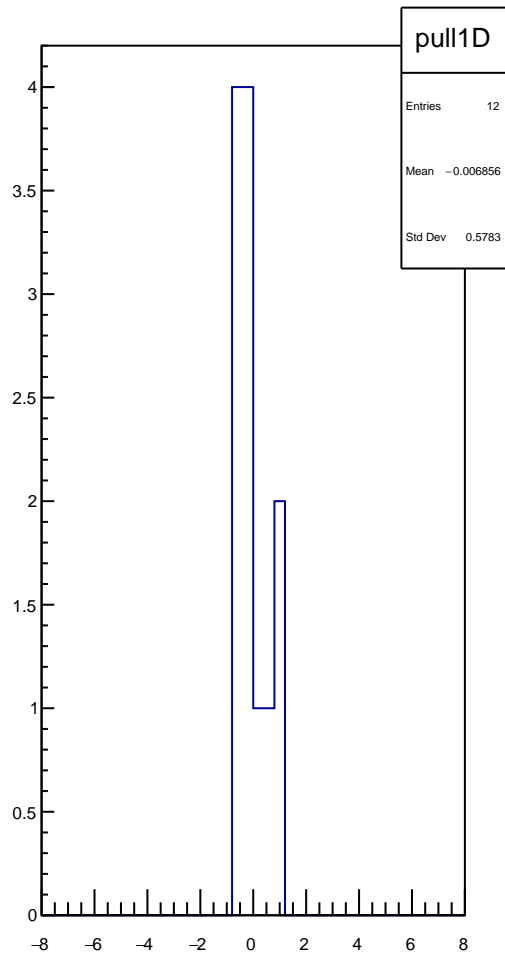
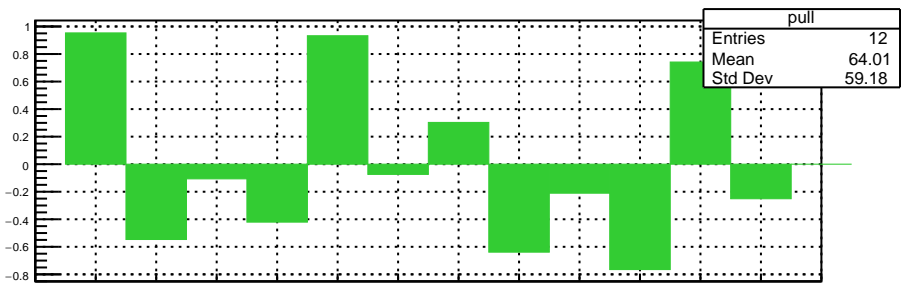
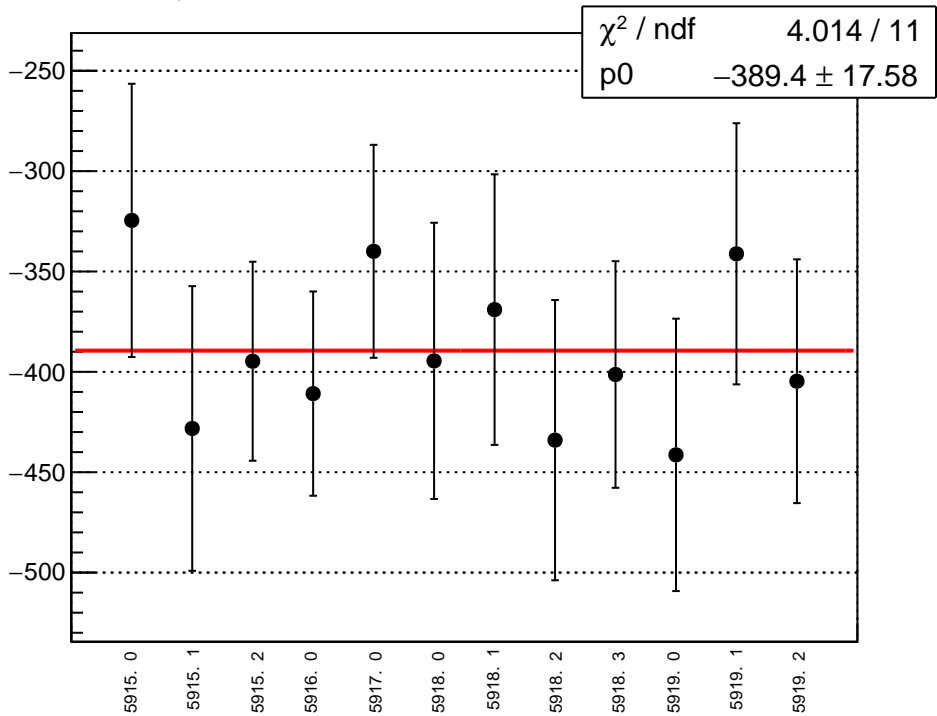
# reg\_asym\_atr\_dd\_diff\_bpm4aX\_slope vs run



# reg\_asym\_atr\_dd\_diff\_bpm4aY\_slope vs run

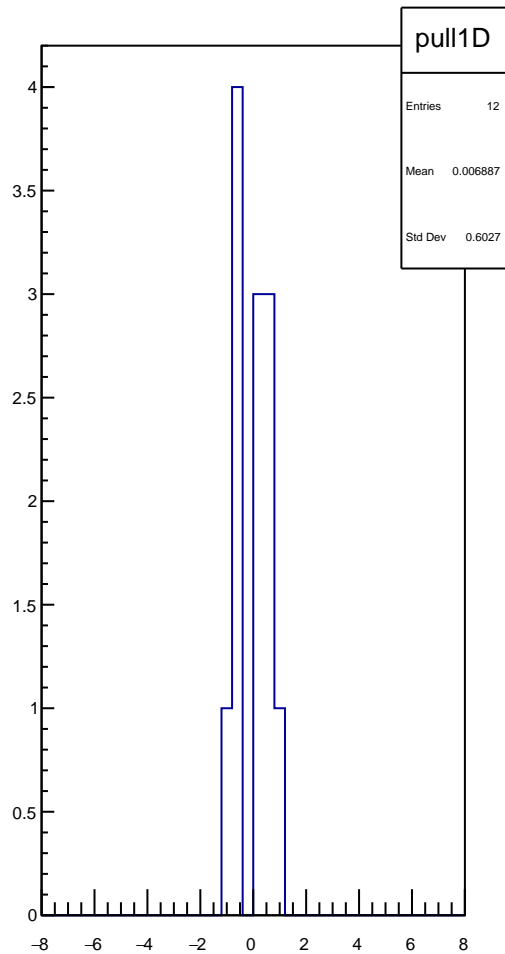
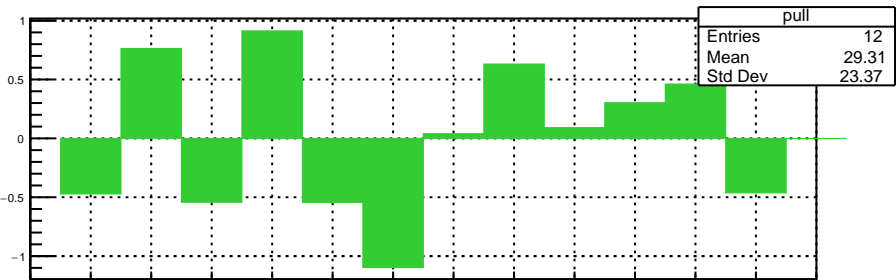
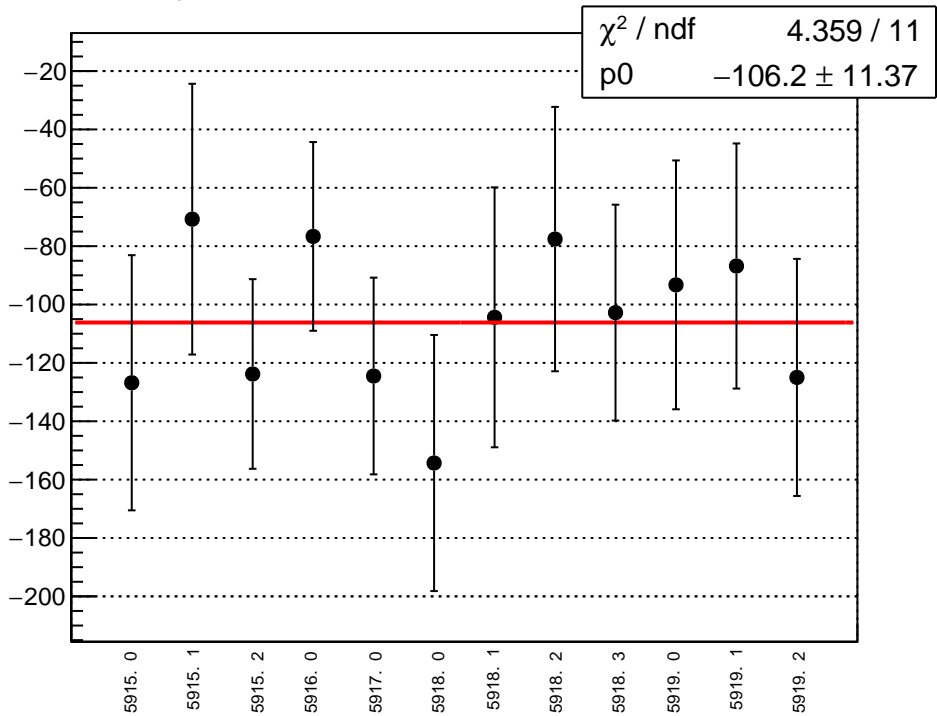


# reg\_asym\_atr\_dd\_diff\_bpm4eX\_slope vs run

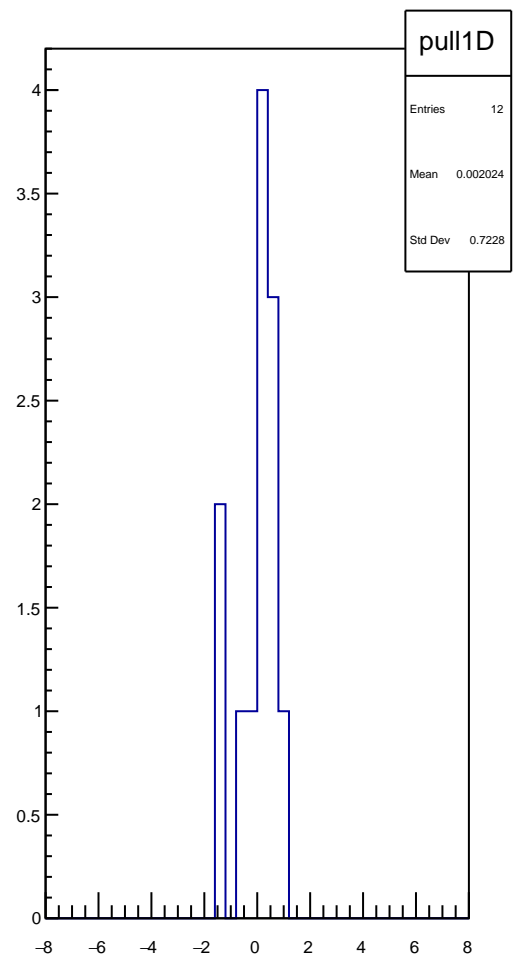
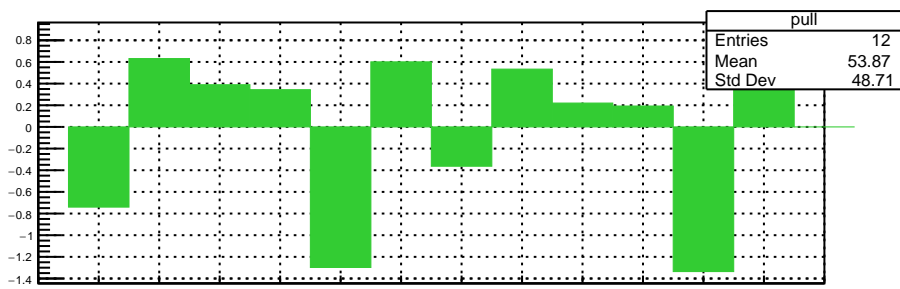
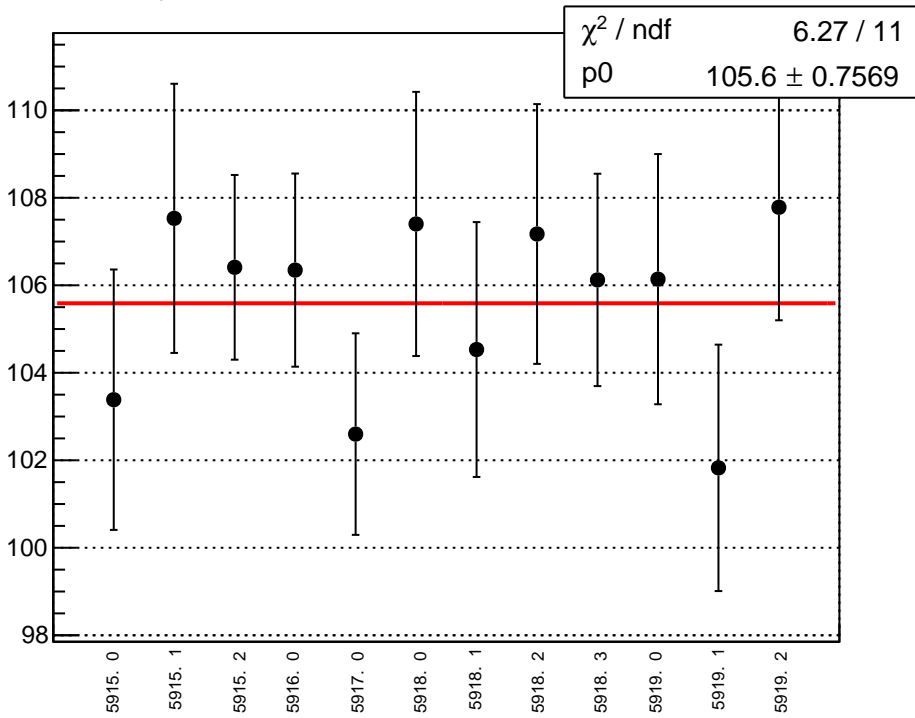




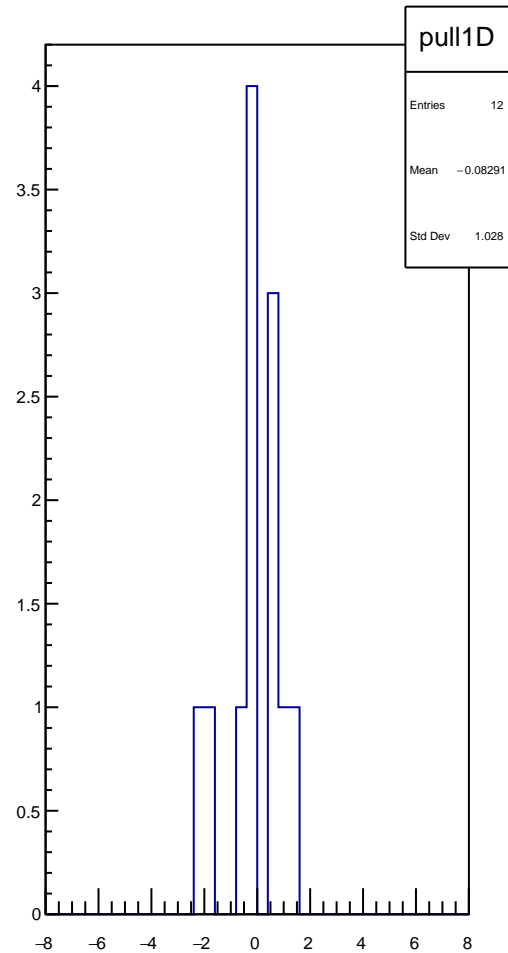
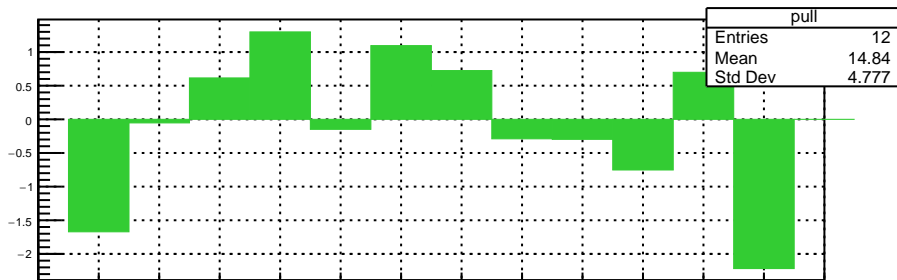
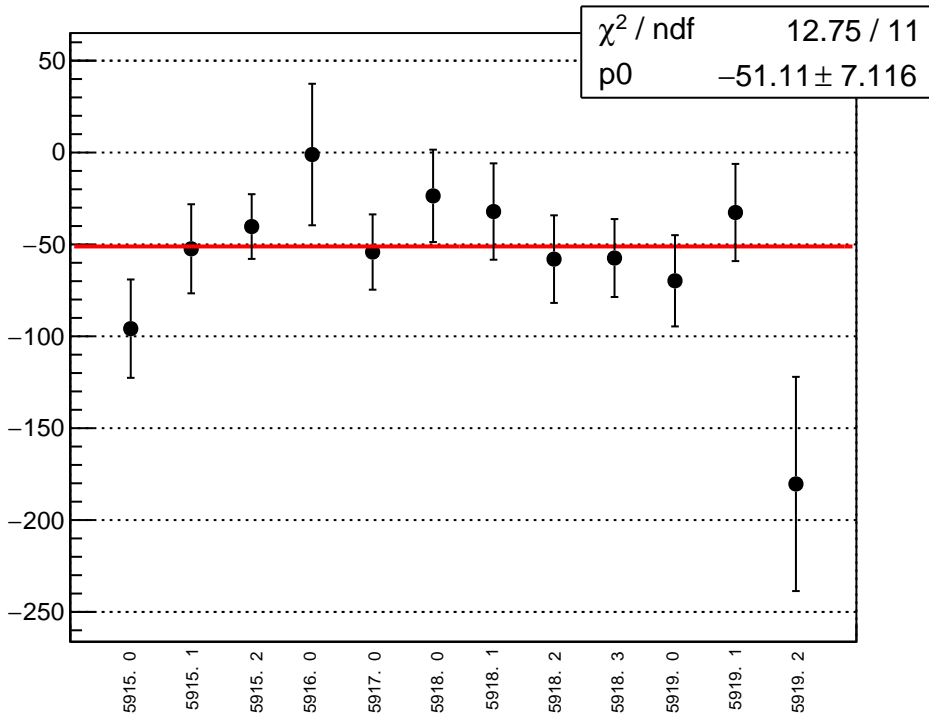
# reg\_asym\_atr\_dd\_diff\_bpm4eY\_slope vs run



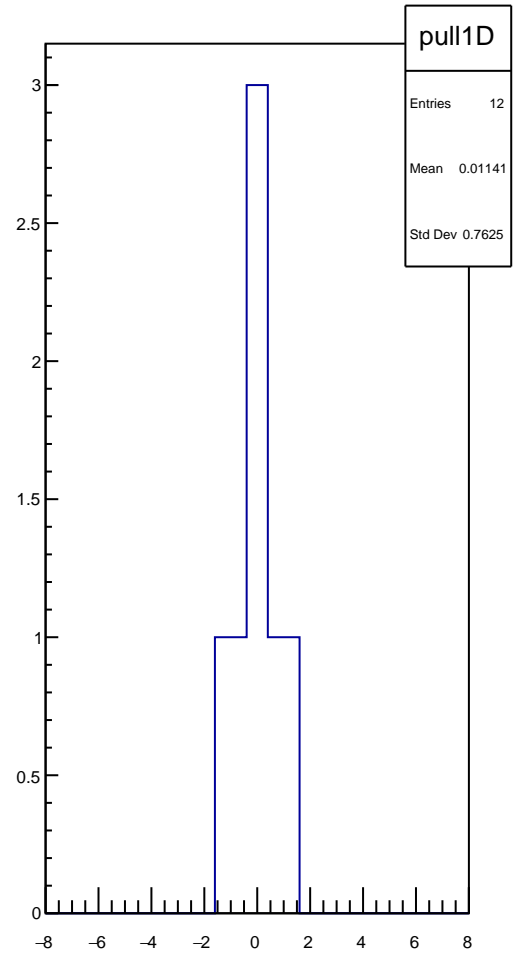
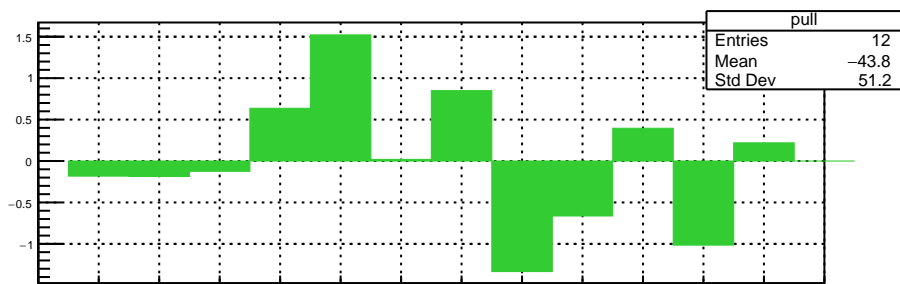
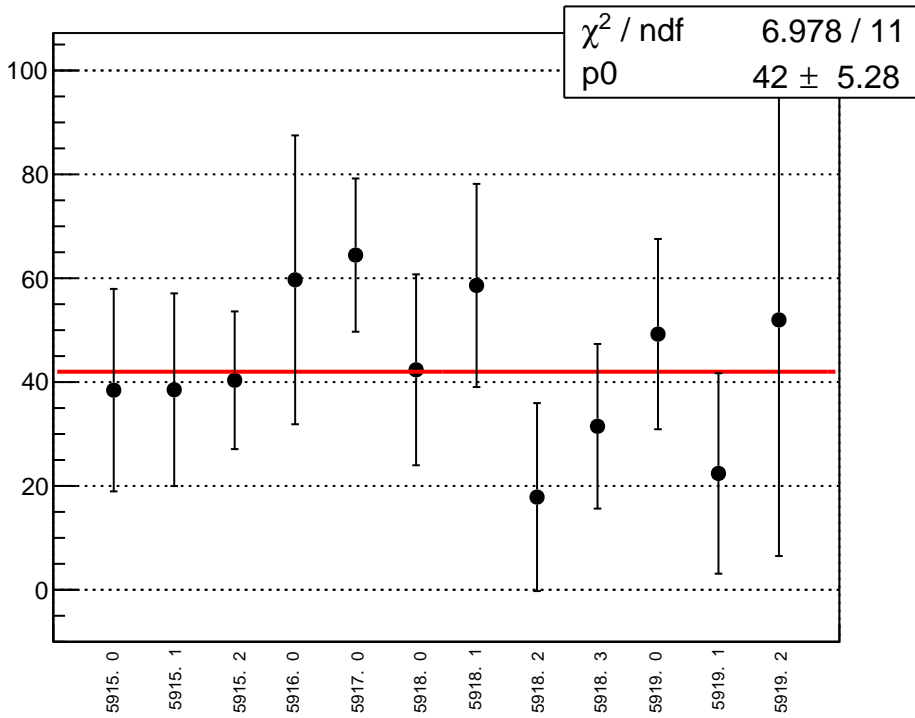
# reg\_asym\_atr\_dd\_diff\_bpm12X\_slope vs run



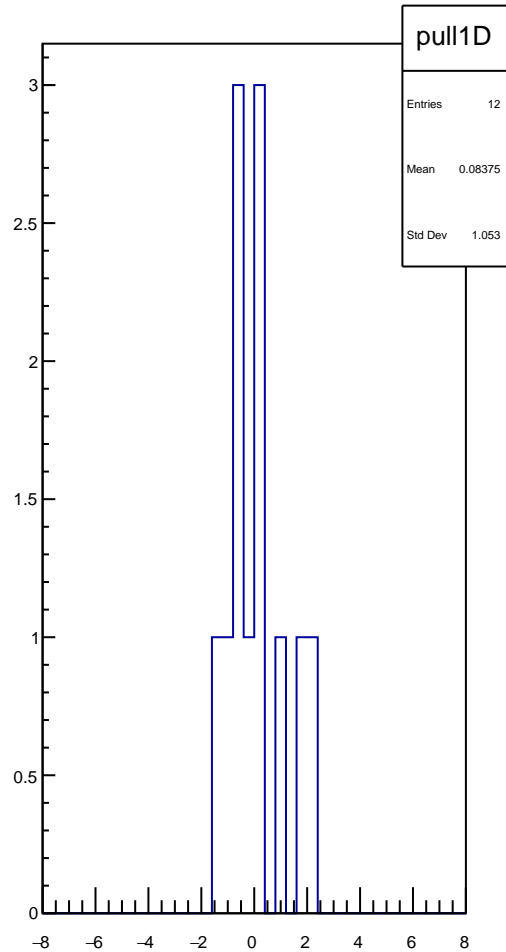
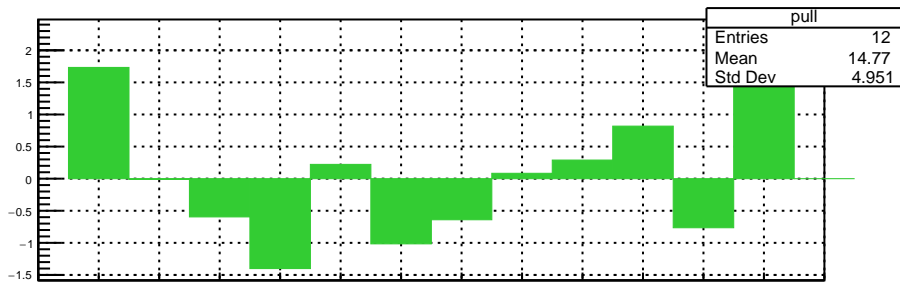
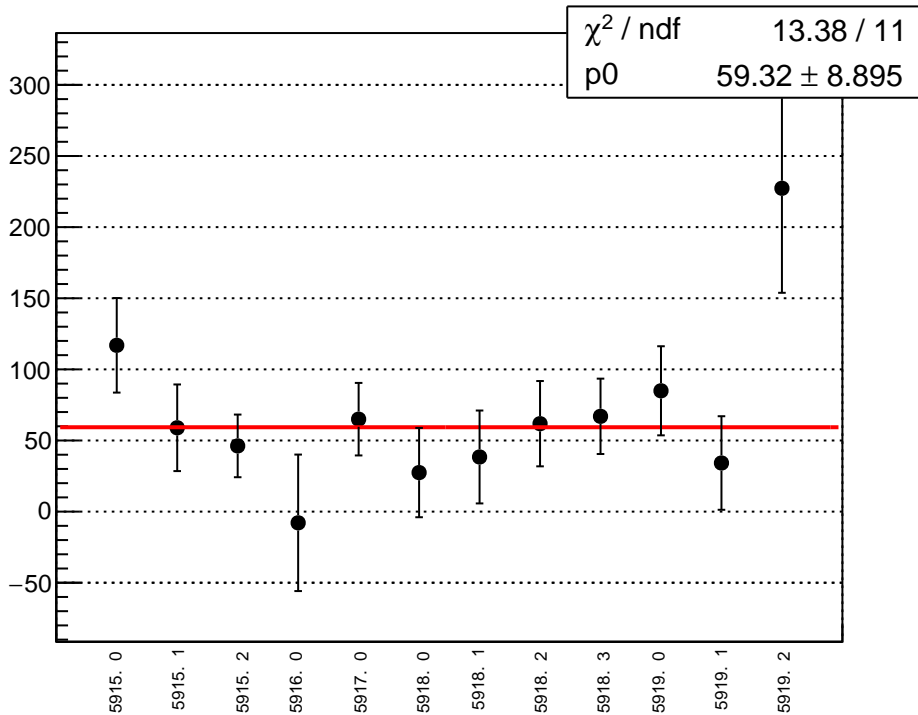
reg\_asym\_at1\_avg\_diff\_bpm4aX\_slope vs run



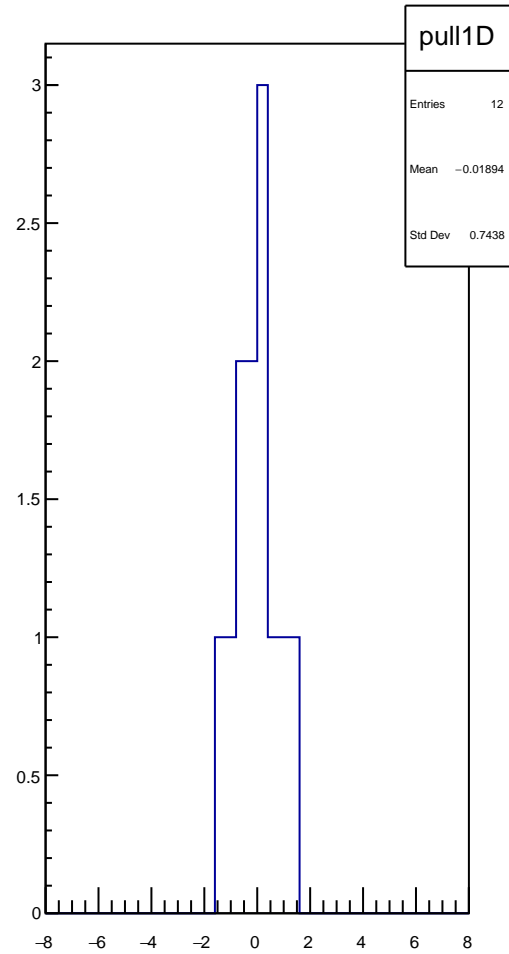
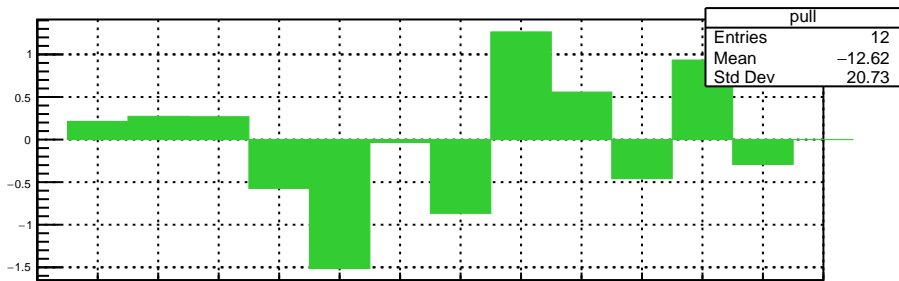
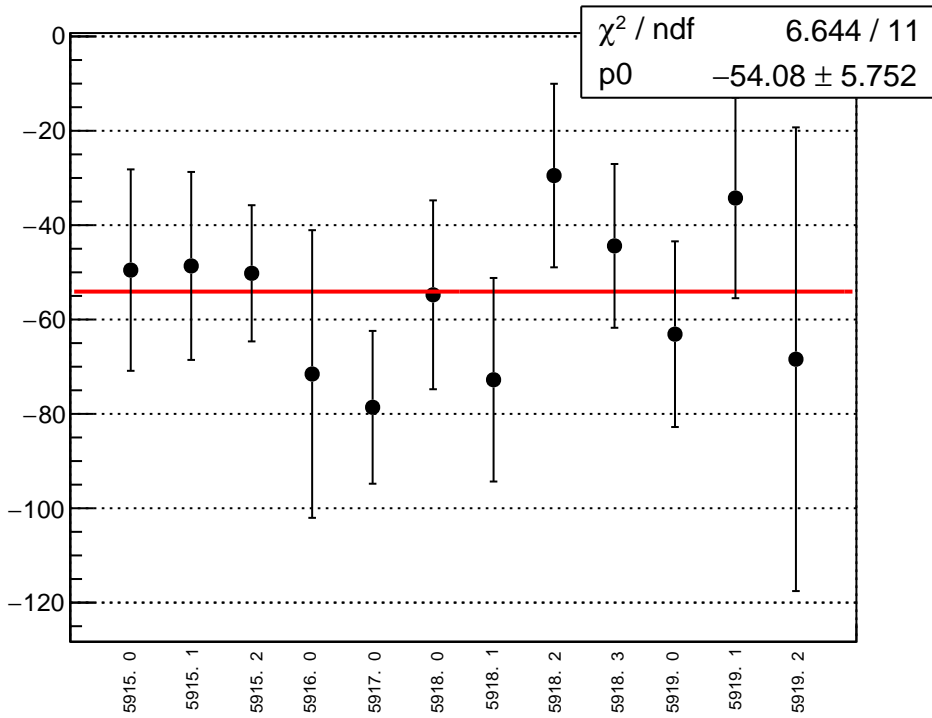
reg\_asym\_at1\_avg\_diff\_bpm4aY\_slope vs run



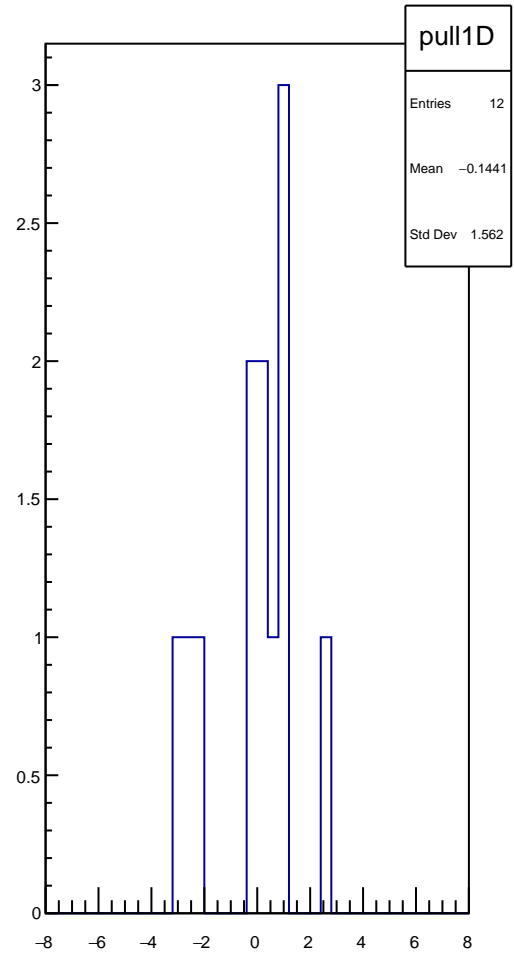
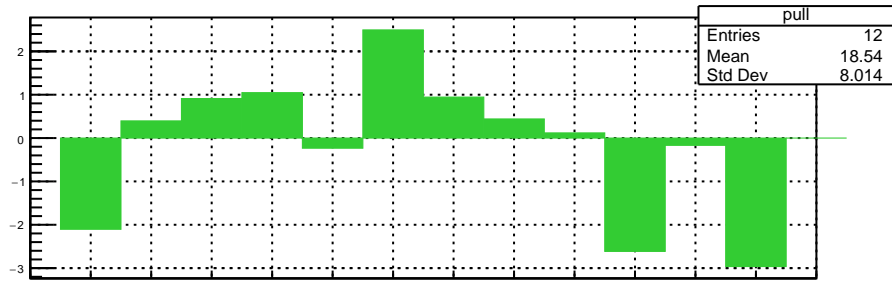
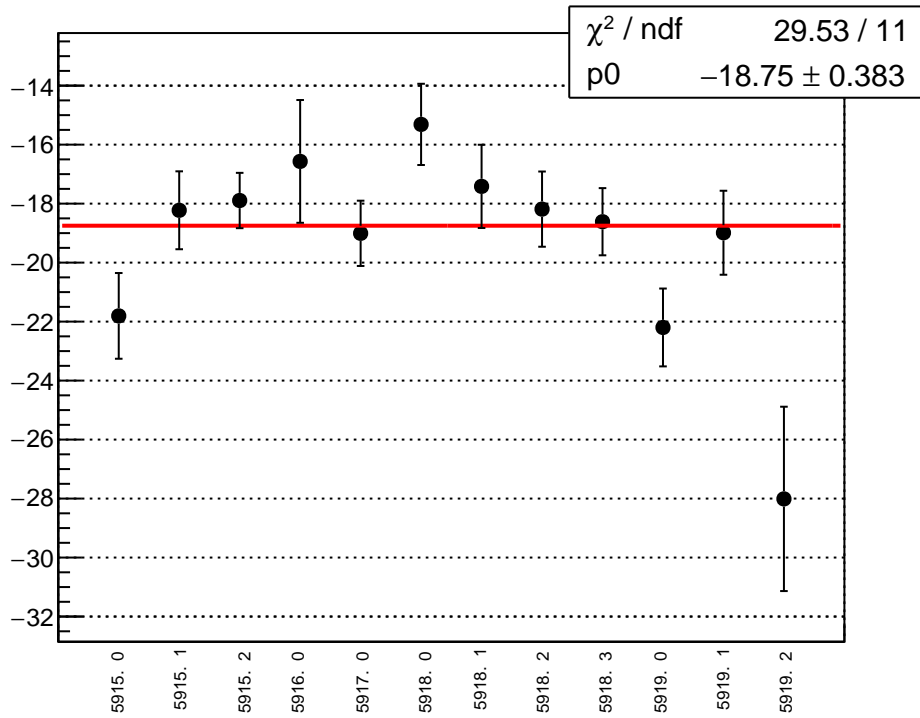
reg\_asym\_at1\_avg\_diff\_bpm4eX\_slope vs run



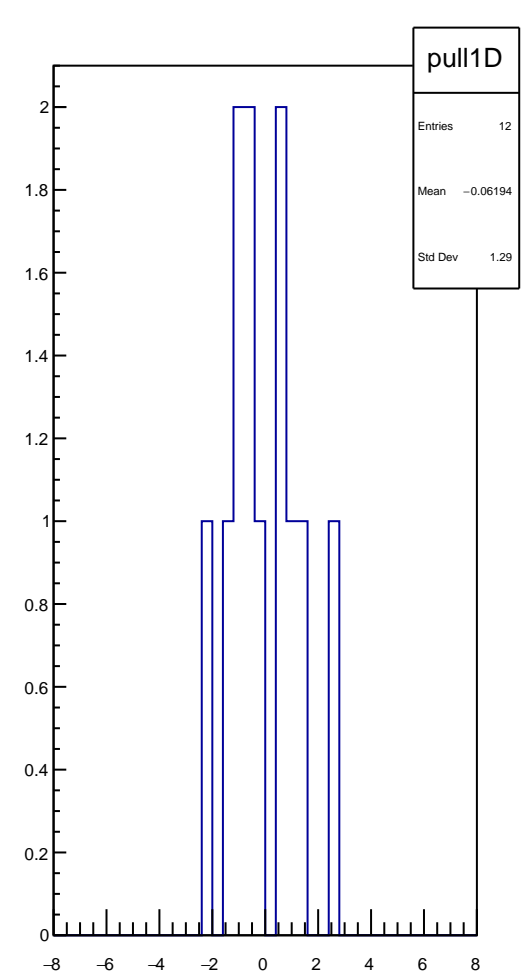
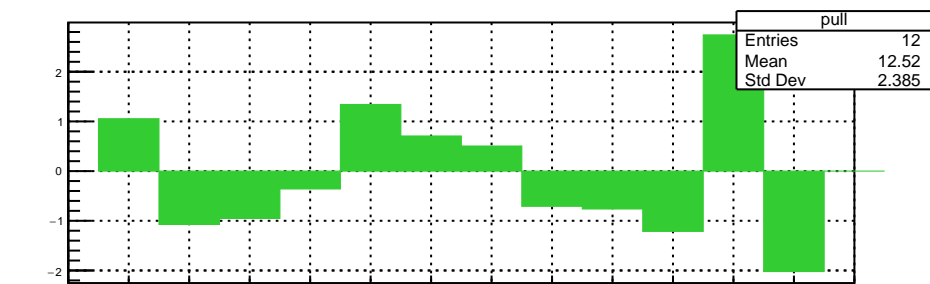
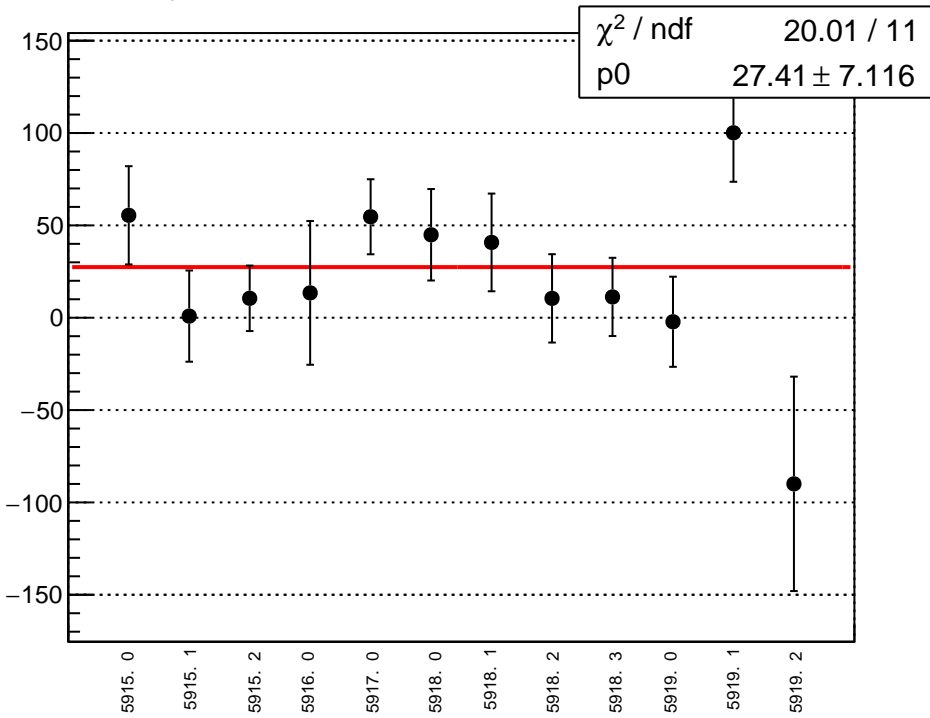
# reg\_asym\_at1\_avg\_diff\_bpm4eY\_slope vs run



reg\_asym\_at1\_avg\_diff\_bpm12X\_slope vs run

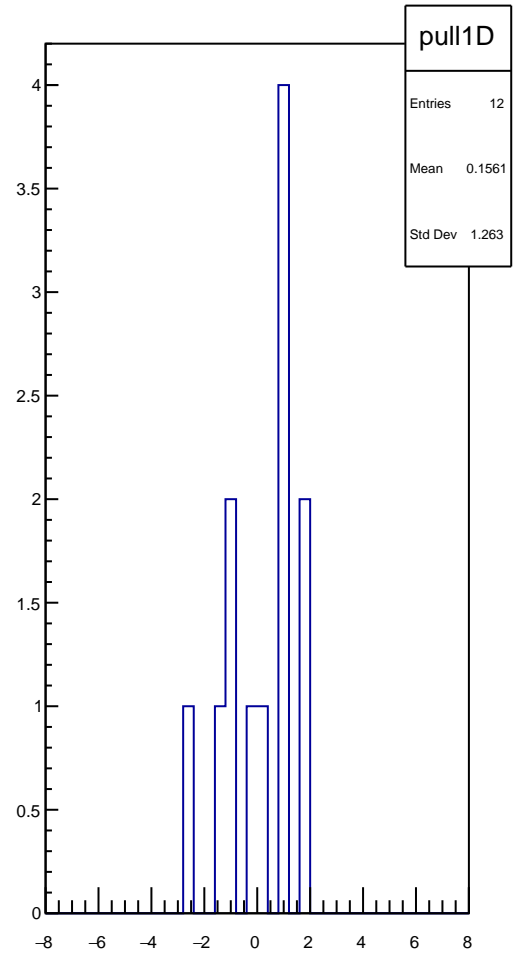
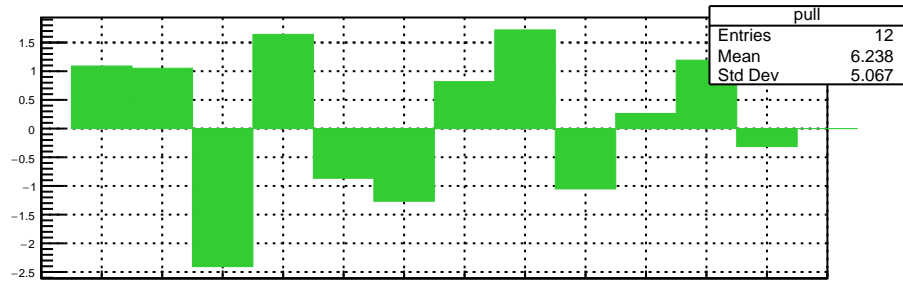
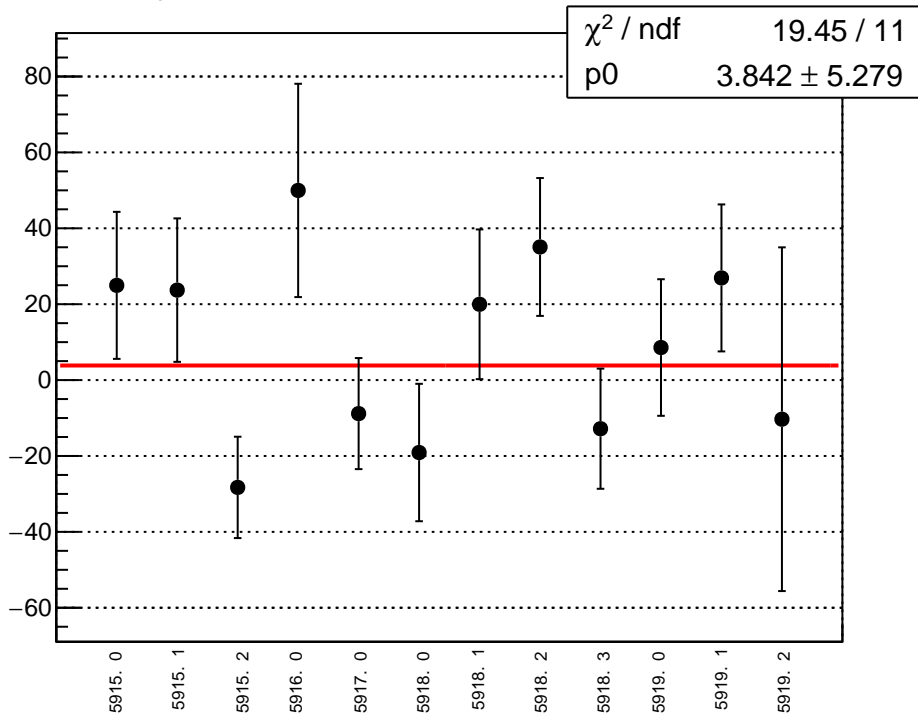


# reg\_asym\_at1\_dd\_diff\_bpm4aX\_slope vs run

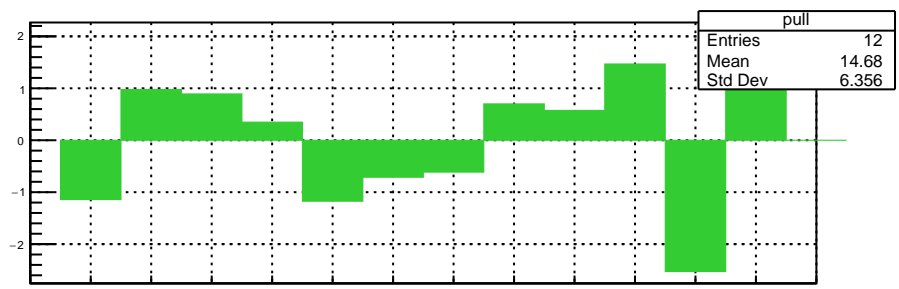
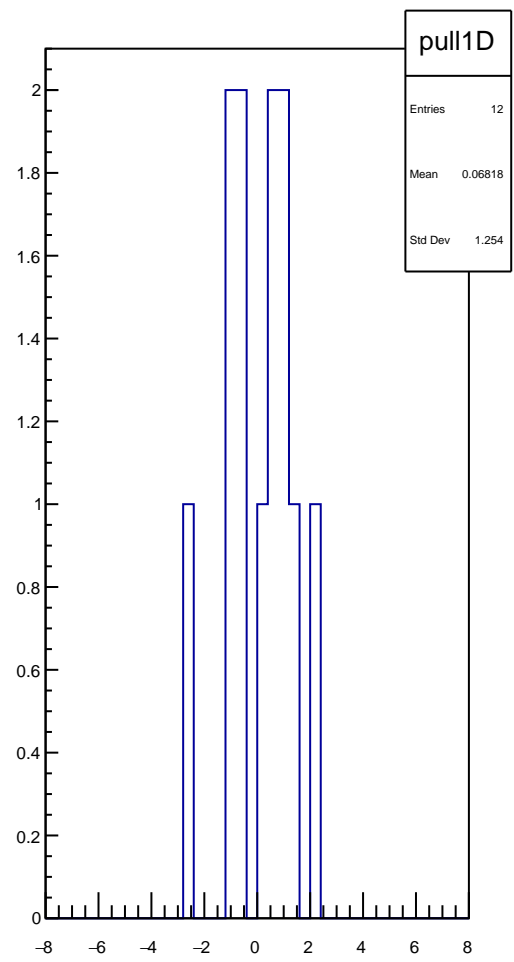
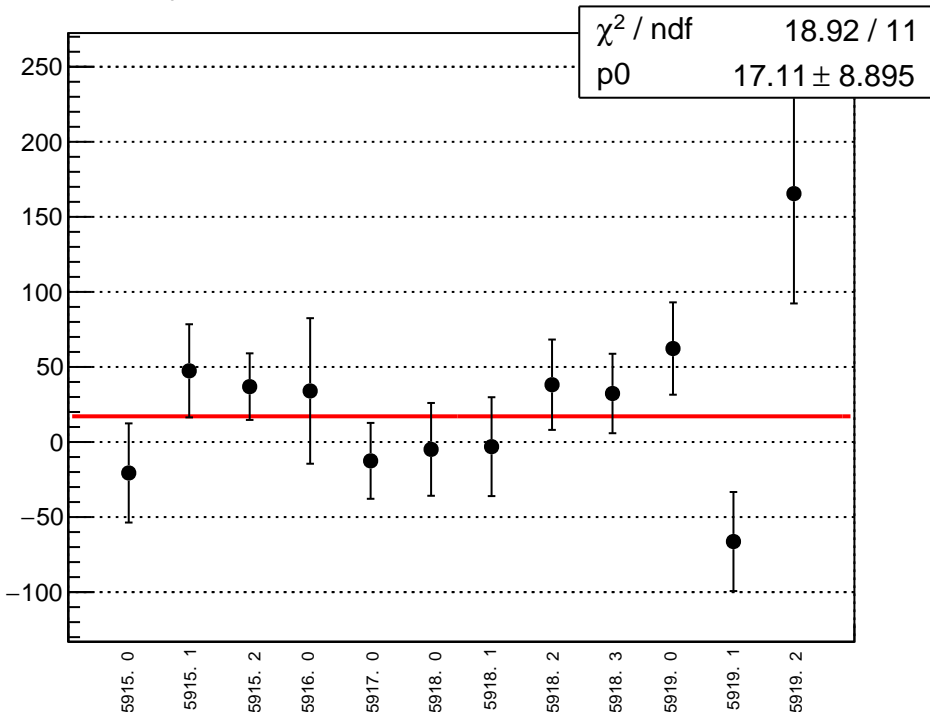




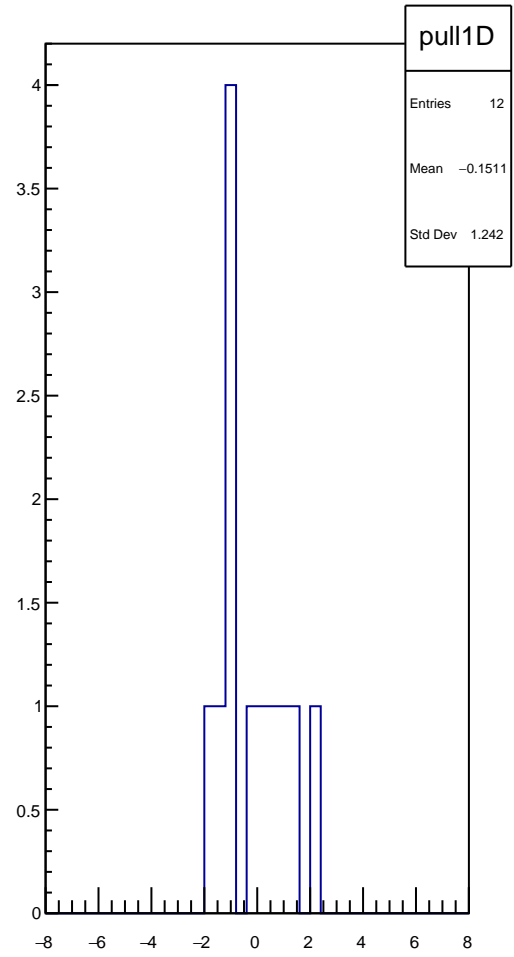
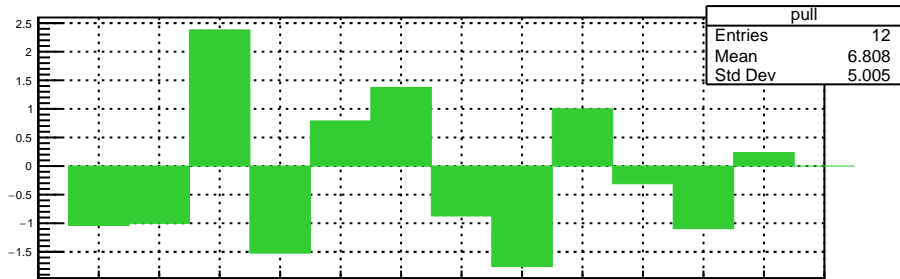
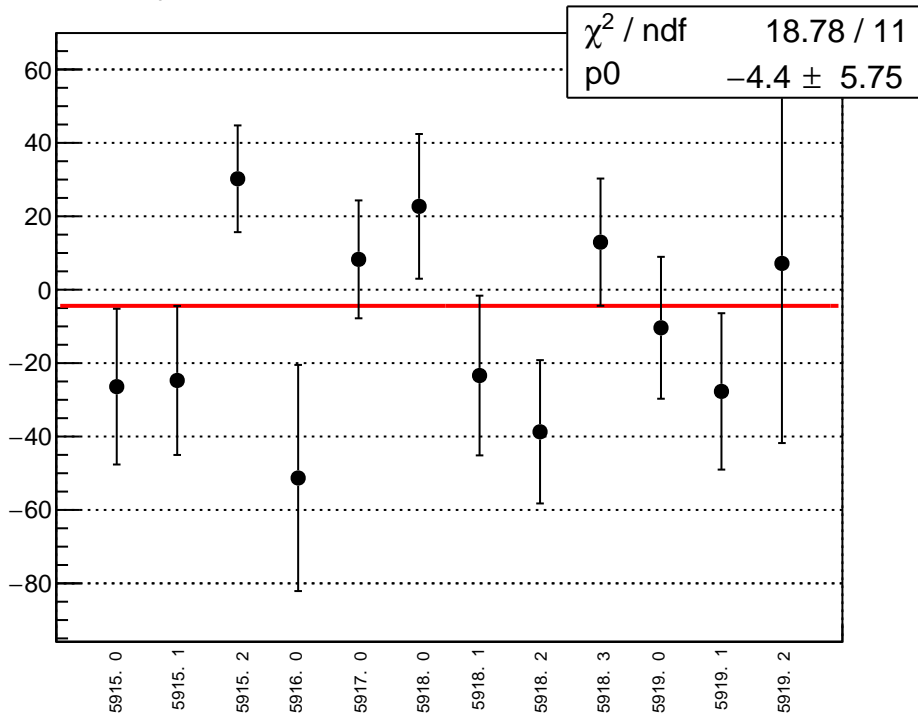
# reg\_asym\_at1\_dd\_diff\_bpm4aY\_slope vs run



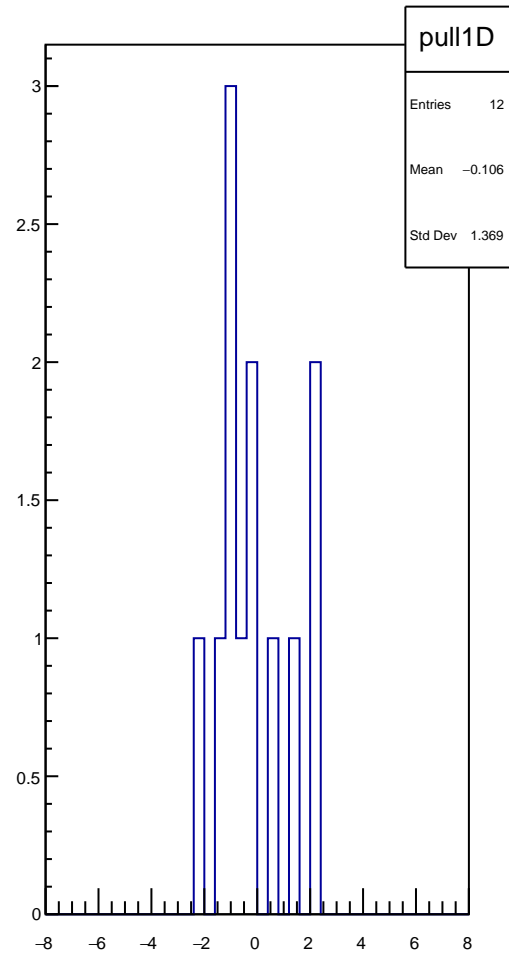
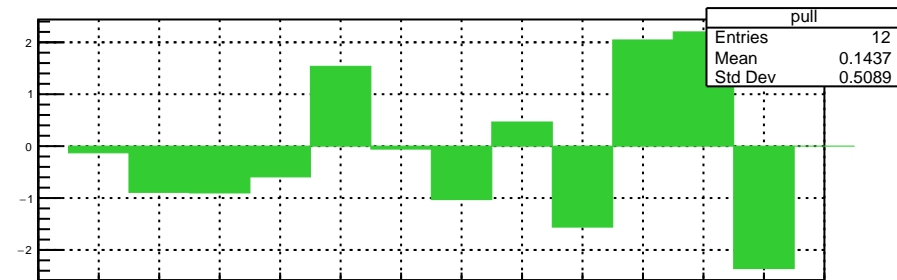
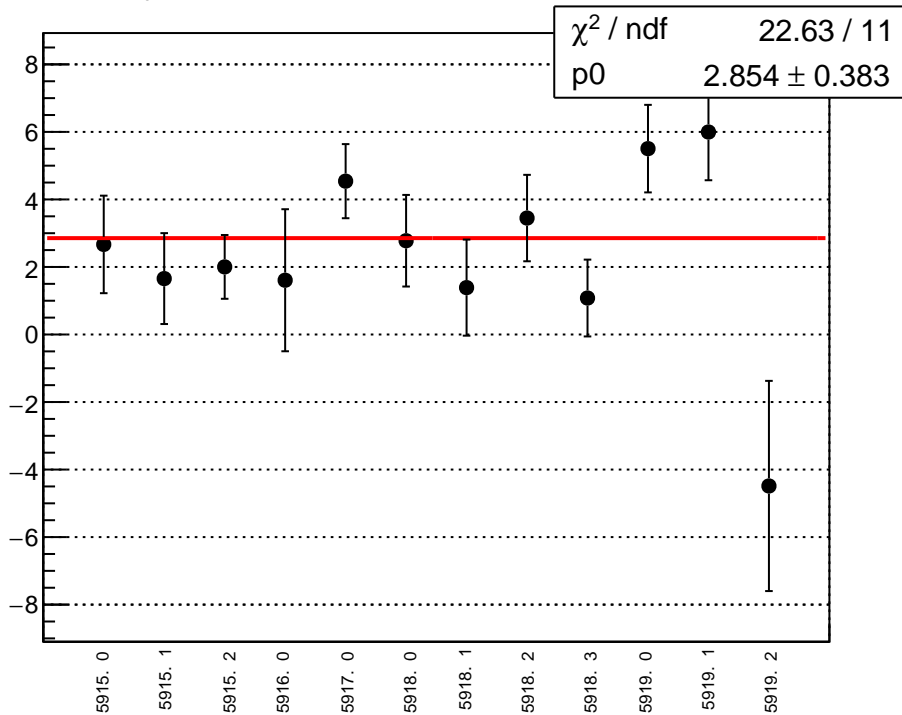
# reg\_asym\_at1\_dd\_diff\_bpm4eX\_slope vs run



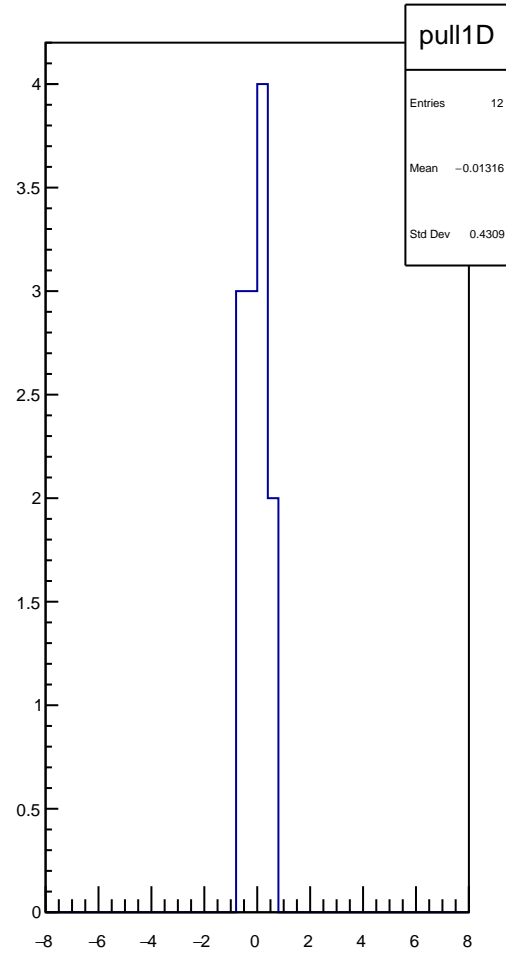
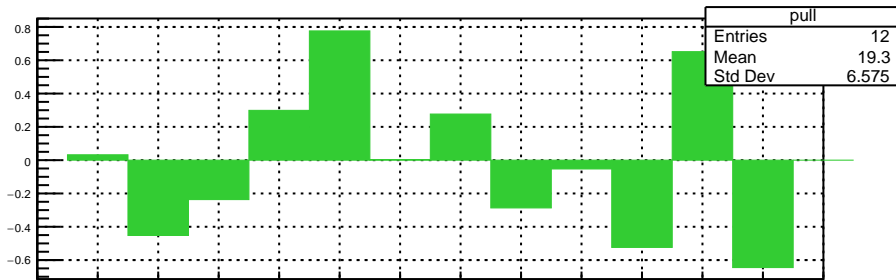
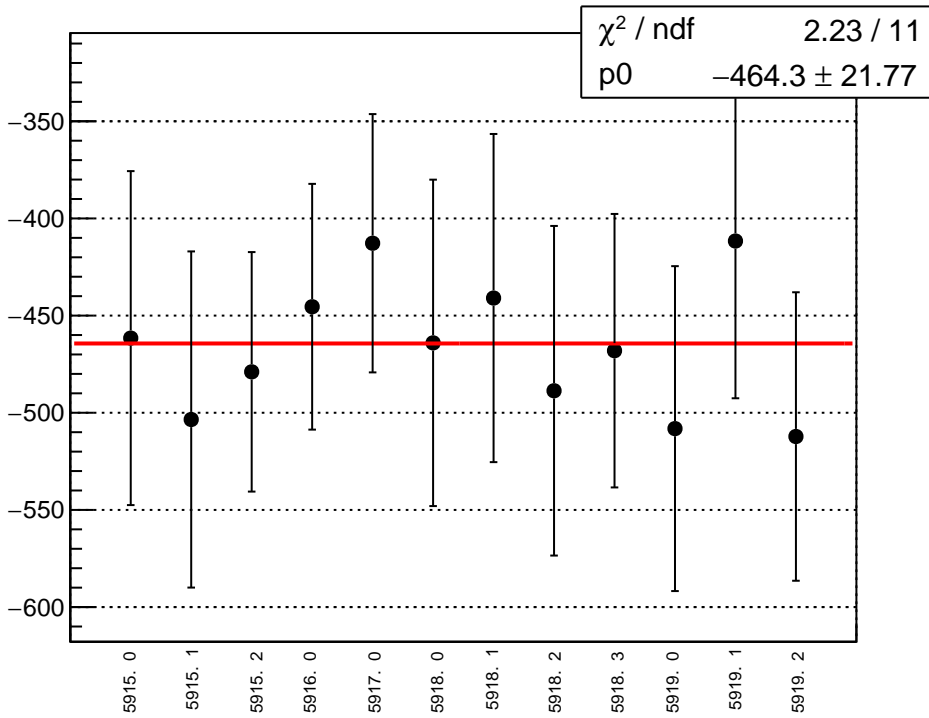
# reg\_asym\_at1\_dd\_diff\_bpm4eY\_slope vs run



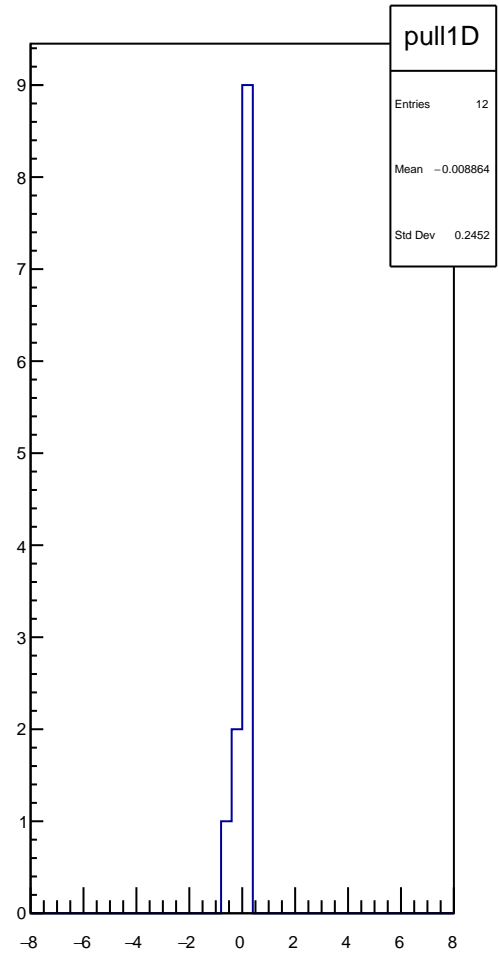
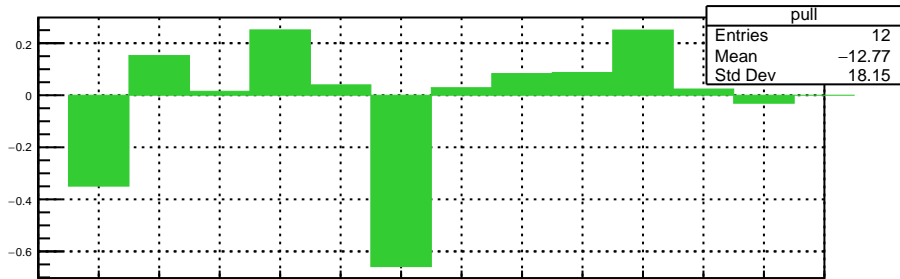
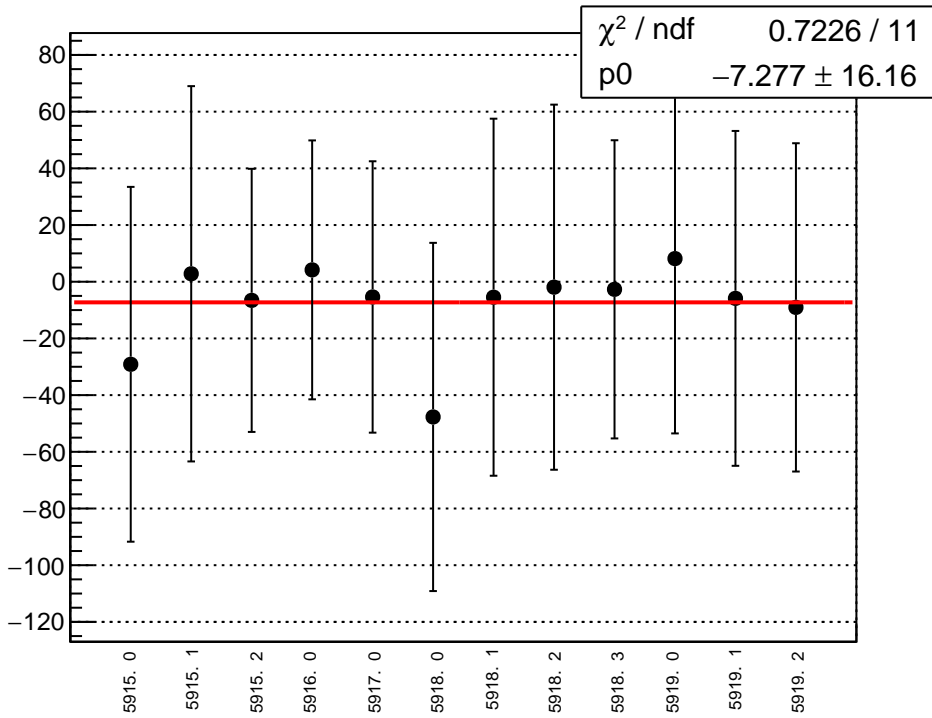
# reg\_asym\_at1\_dd\_diff\_bpm12X\_slope vs run



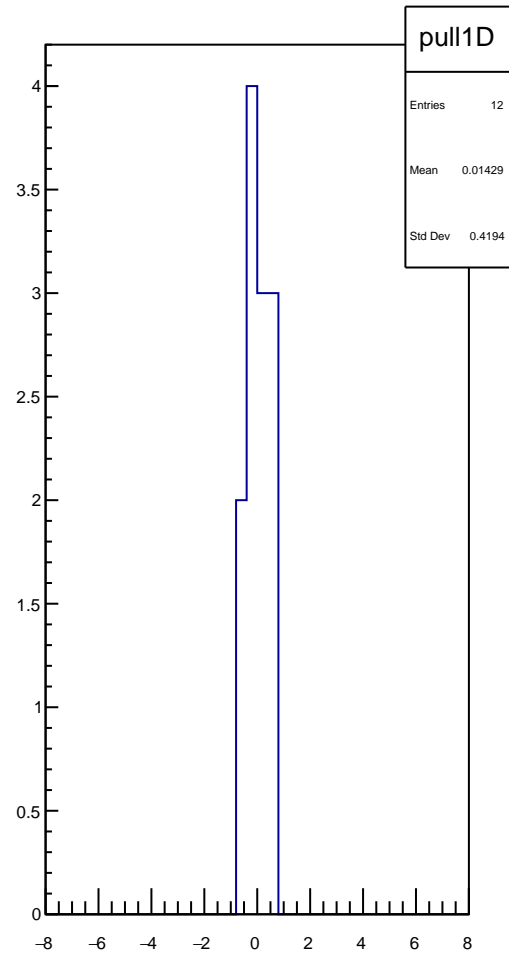
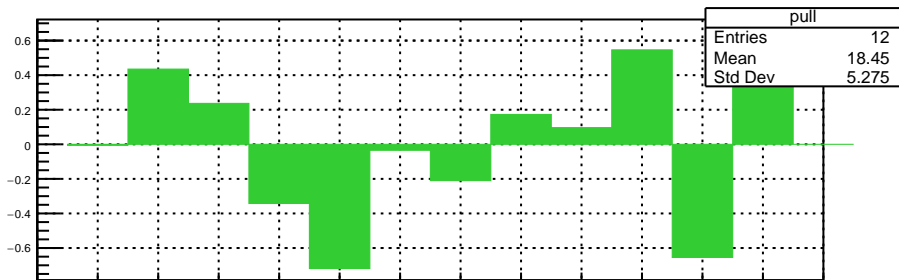
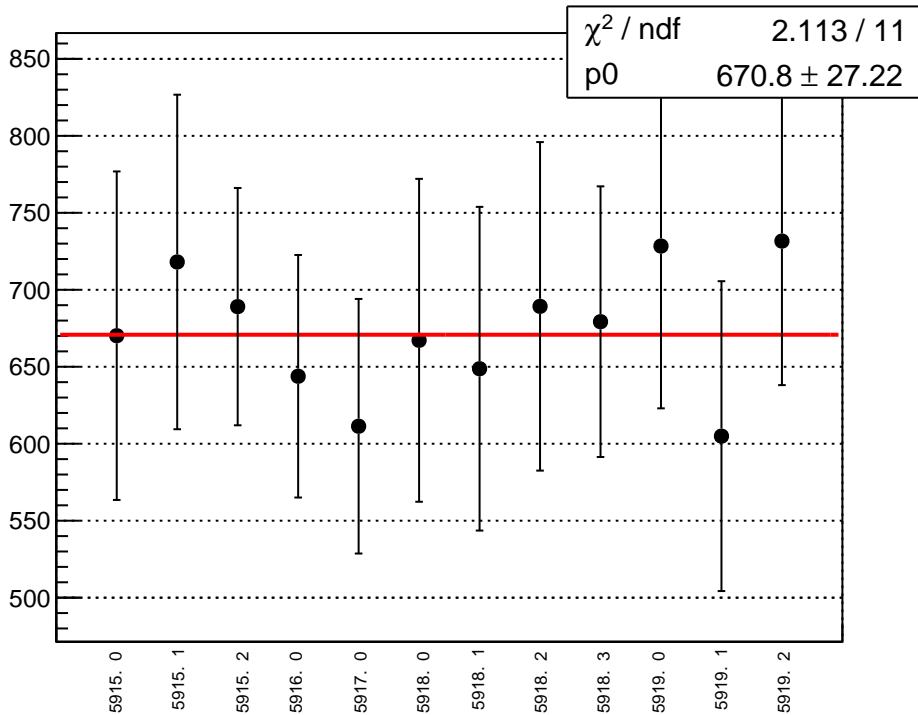
reg\_asym\_at2\_avg\_diff\_bpm4aX\_slope vs run



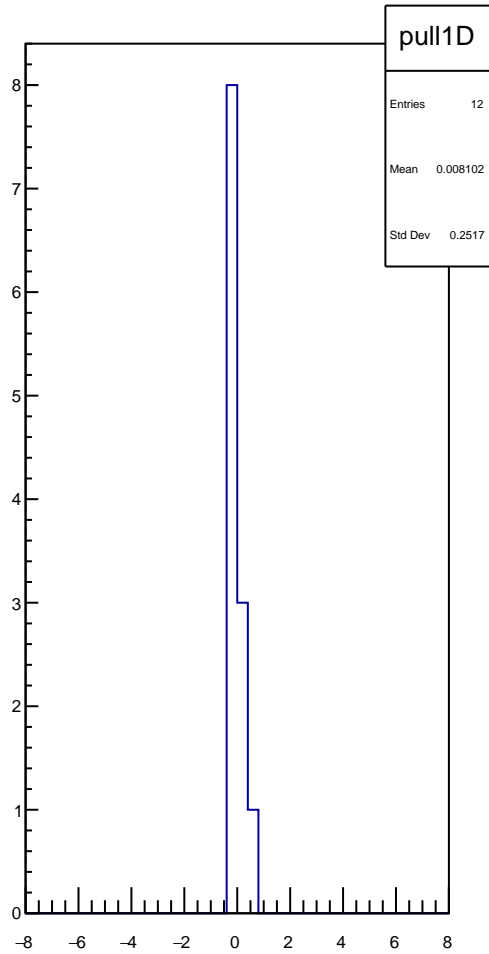
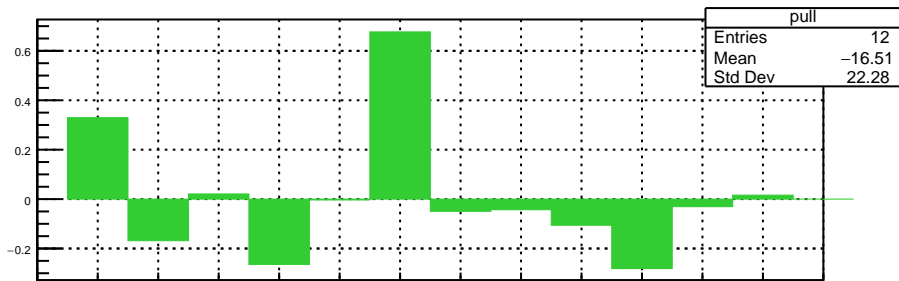
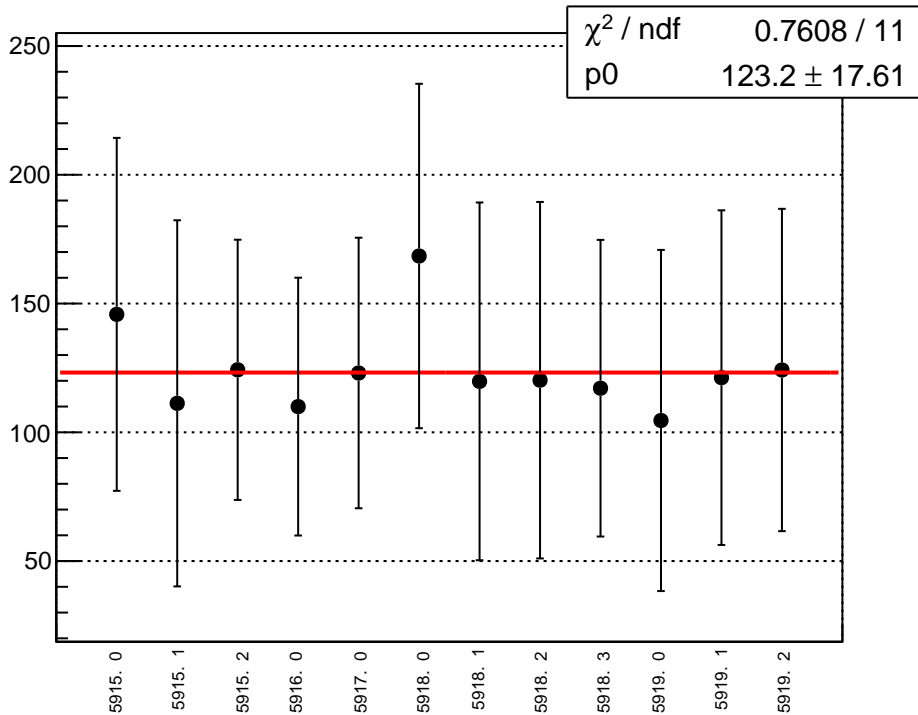
reg\_asym\_at2\_avg\_diff\_bpm4aY\_slope vs run



reg\_asym\_at2\_avg\_diff\_bpm4eX\_slope vs run

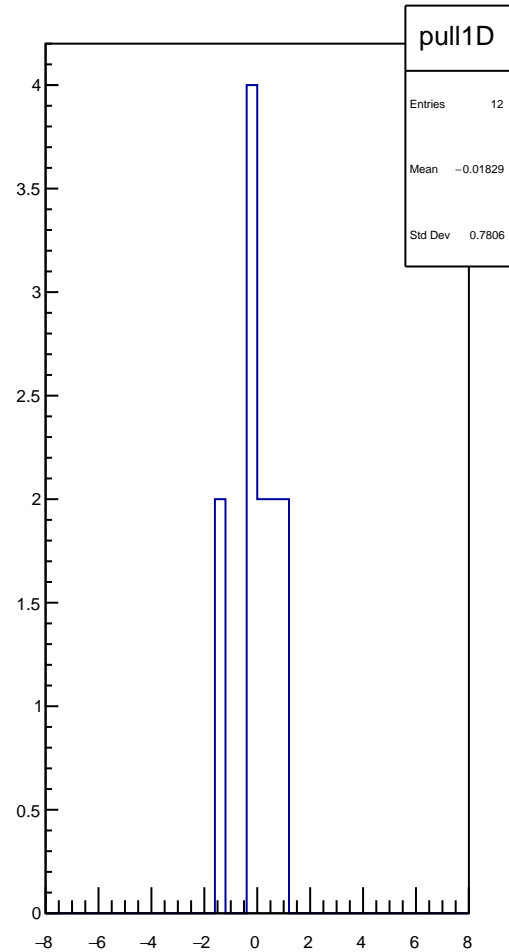
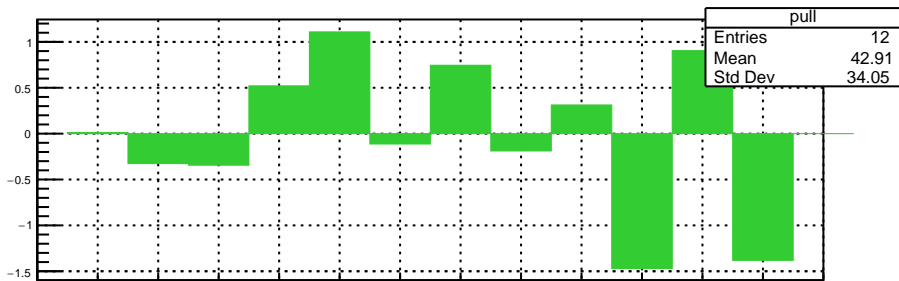
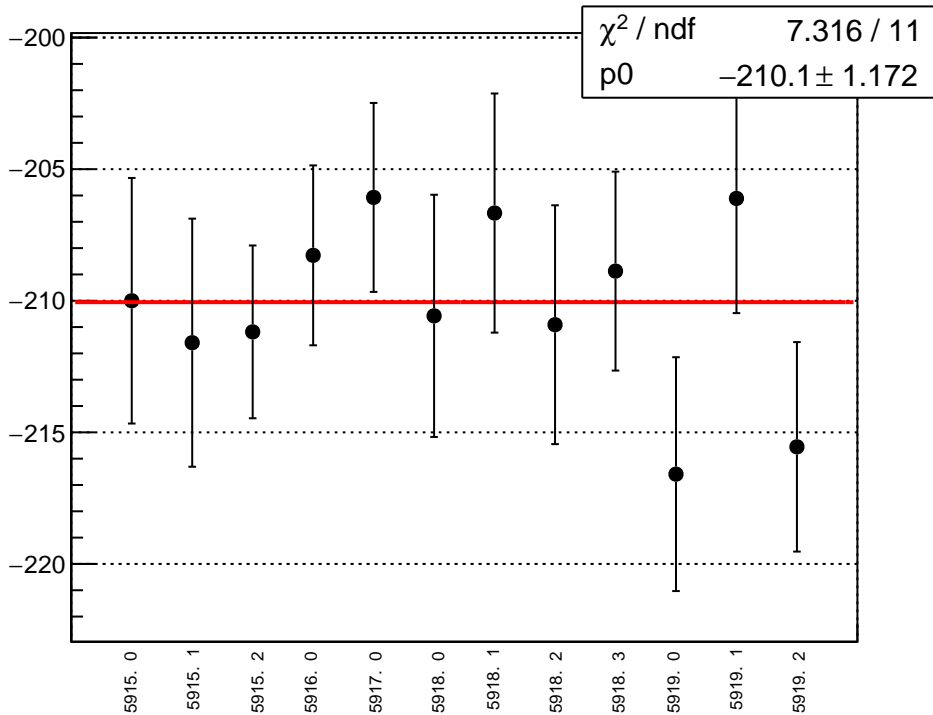


reg\_asym\_at2\_avg\_diff\_bpm4eY\_slope vs run

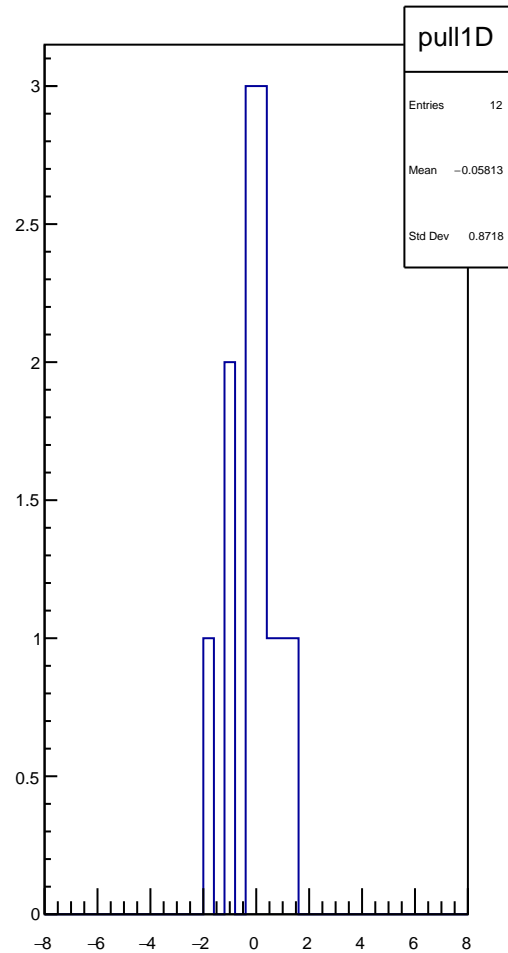
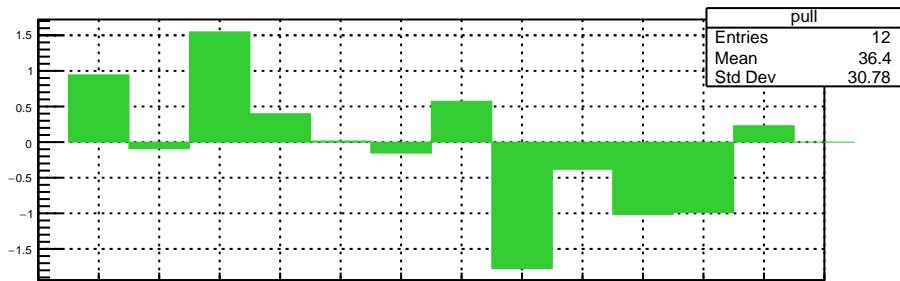
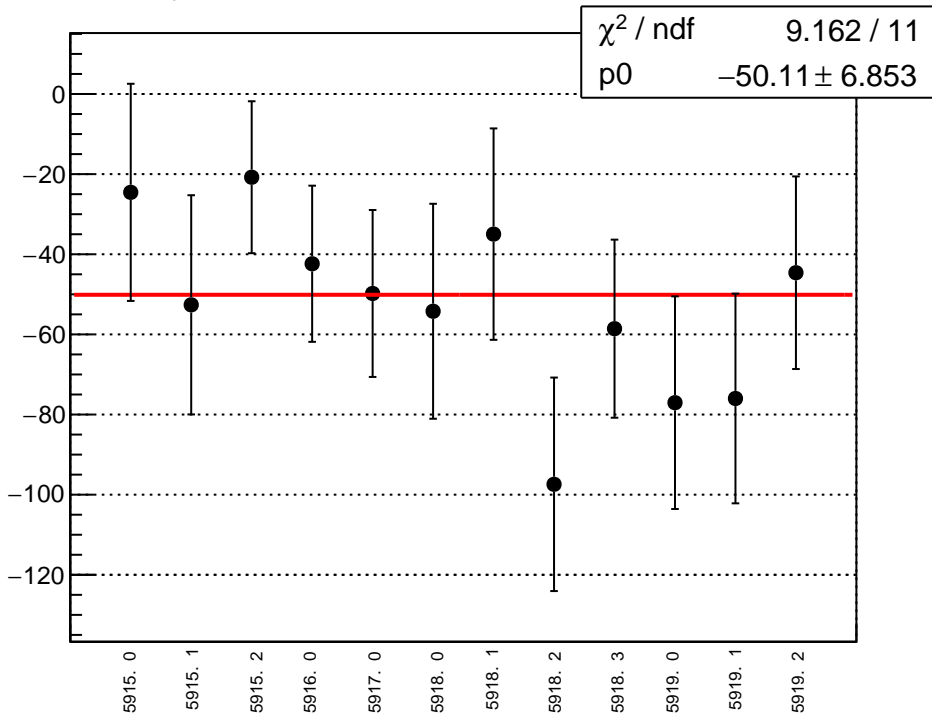




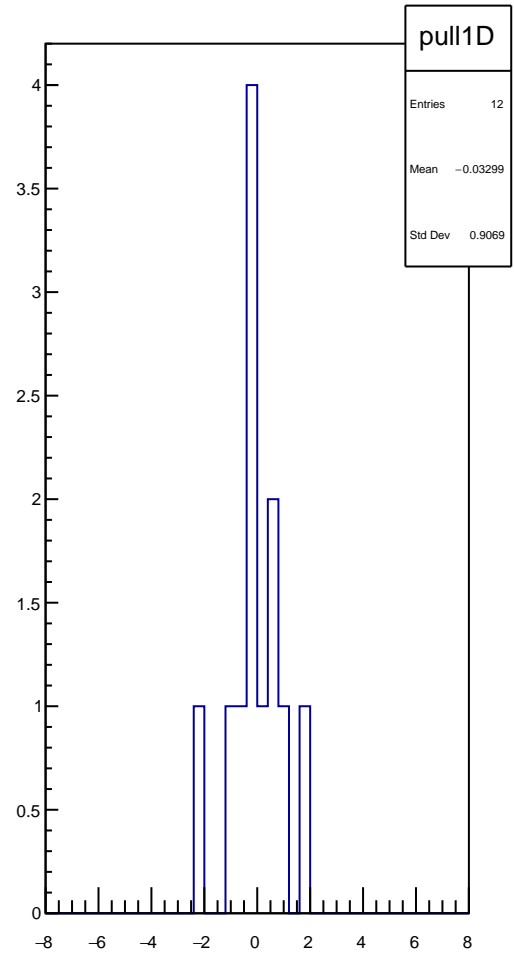
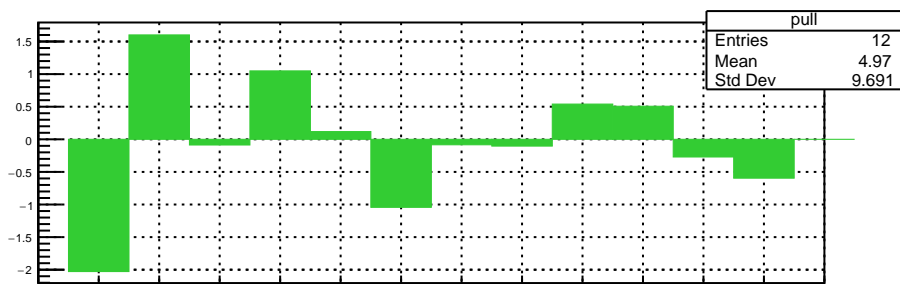
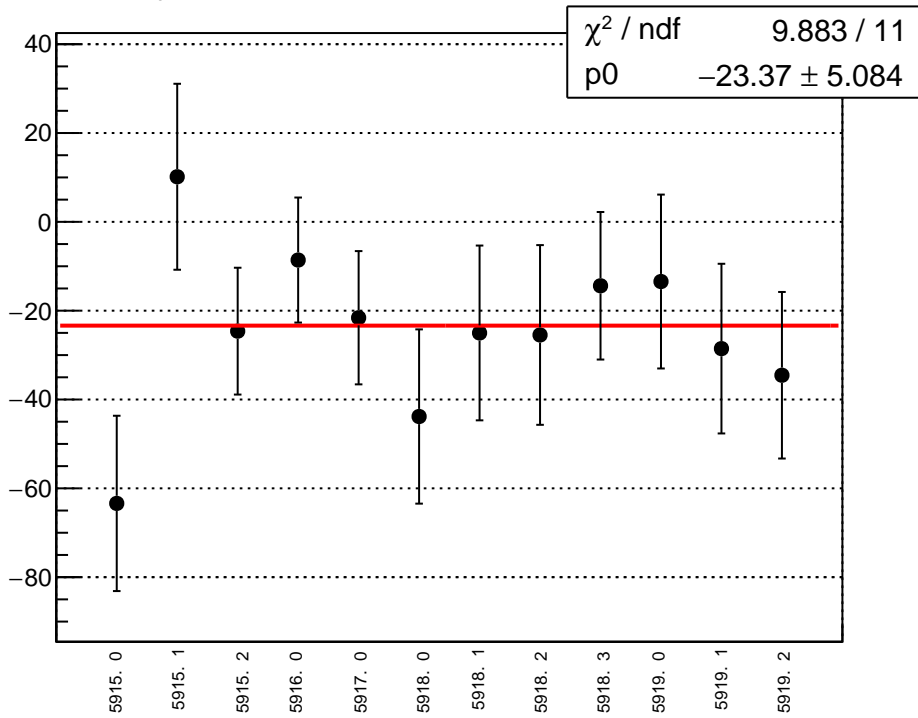
reg\_asym\_at2\_avg\_diff\_bpm12X\_slope vs run



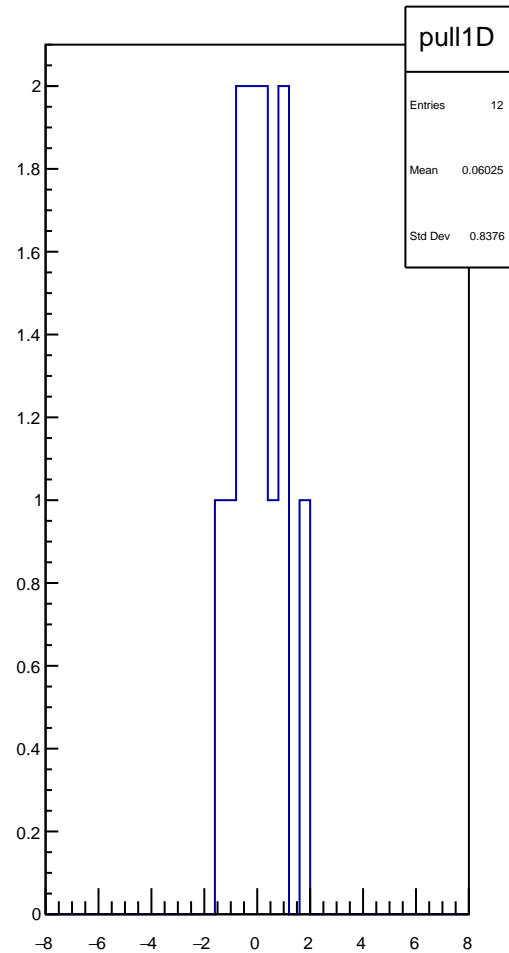
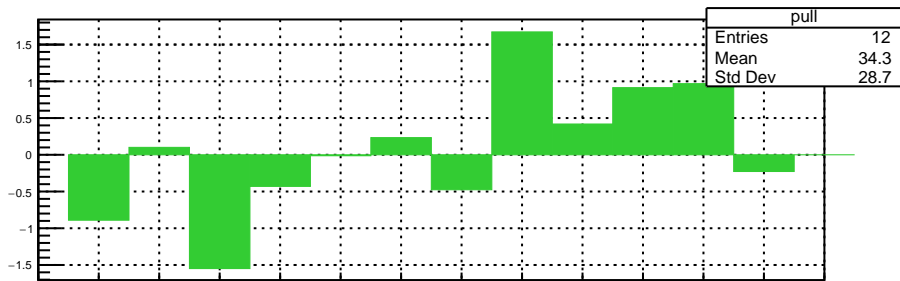
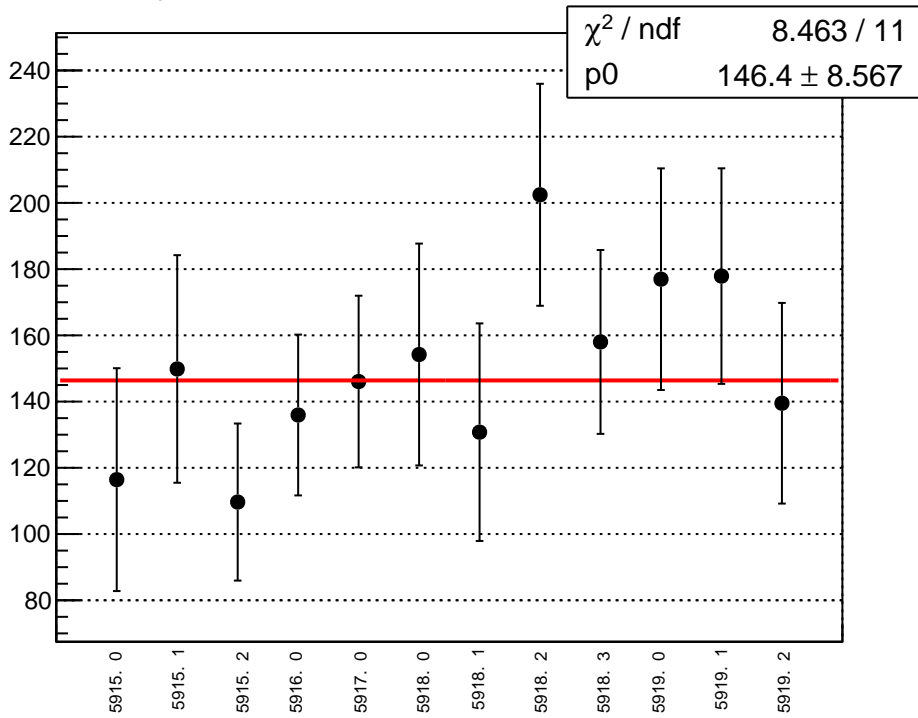
# reg\_asym\_at2\_dd\_diff\_bpm4aX\_slope vs run



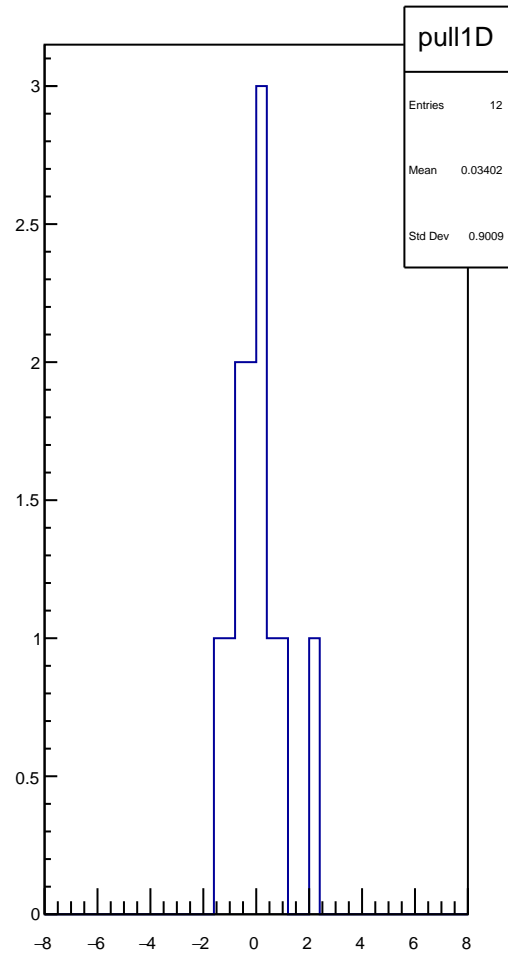
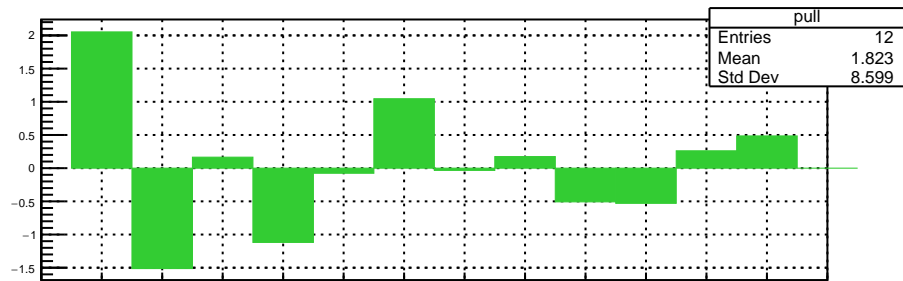
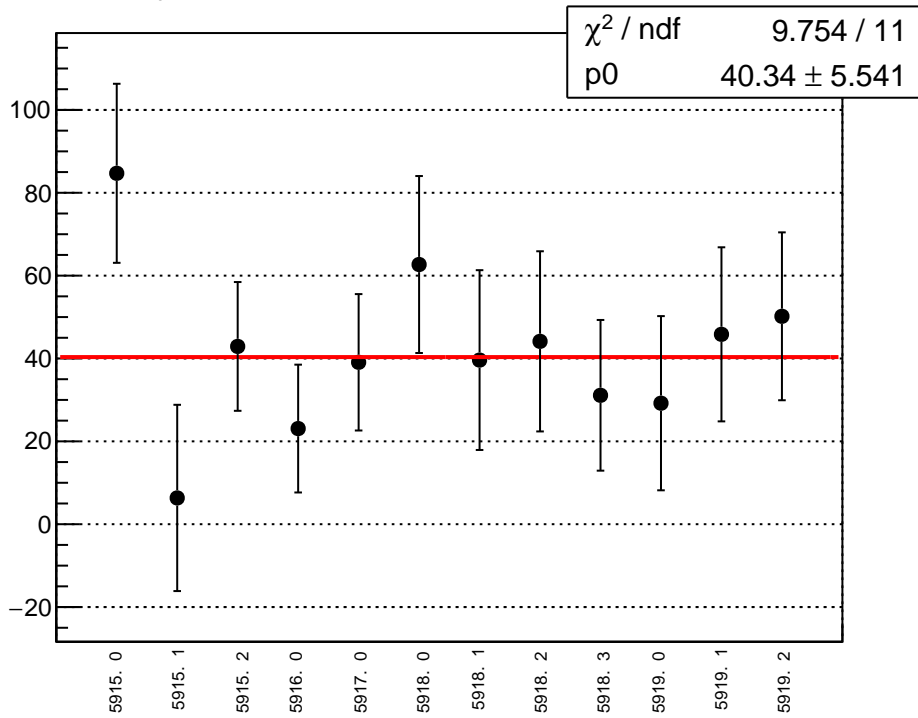
# reg\_asym\_at2\_dd\_diff\_bpm4aY\_slope vs run



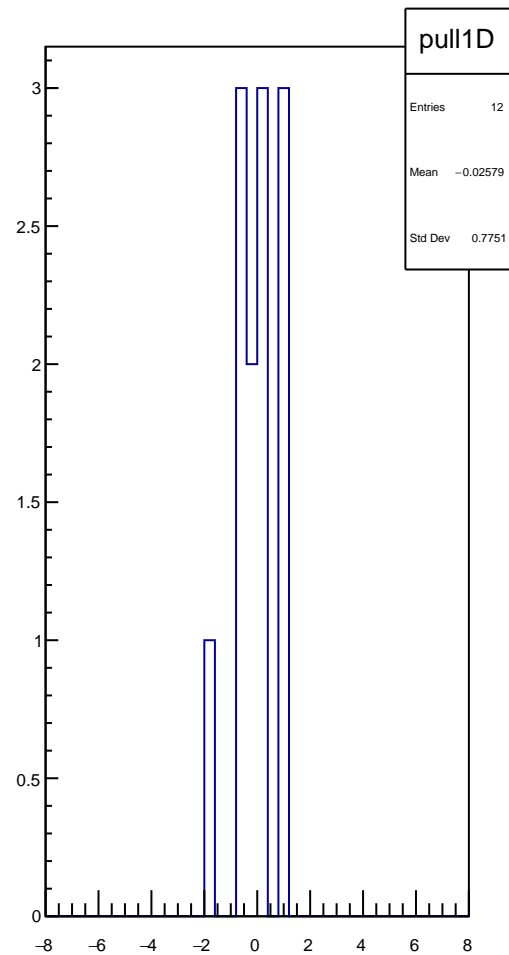
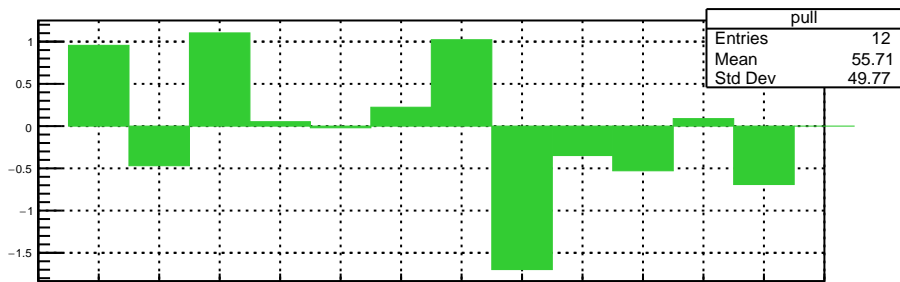
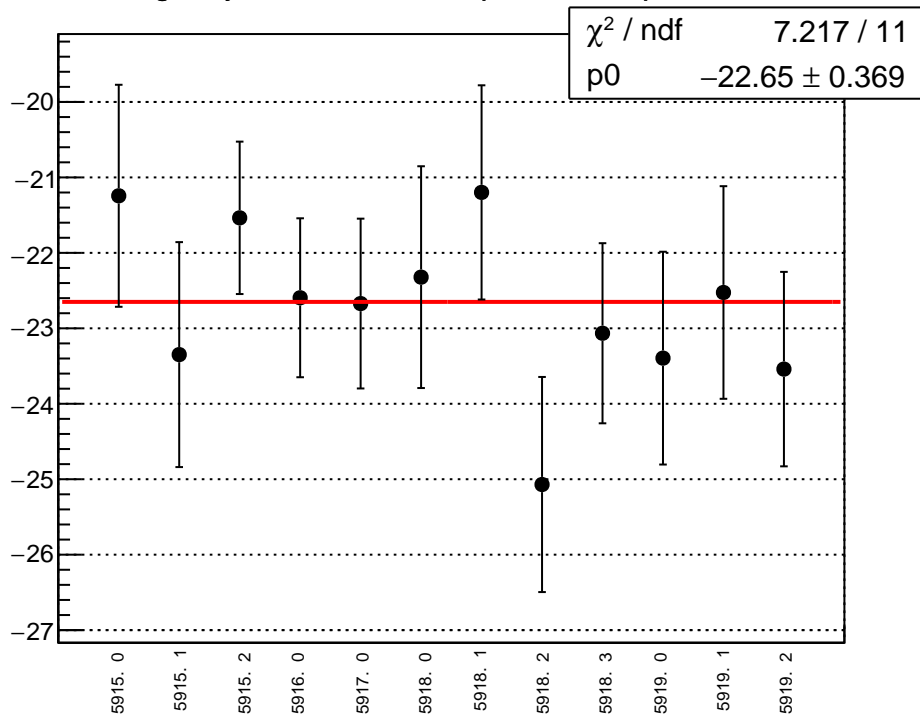
# reg\_asym\_at2\_dd\_diff\_bpm4eX\_slope vs run



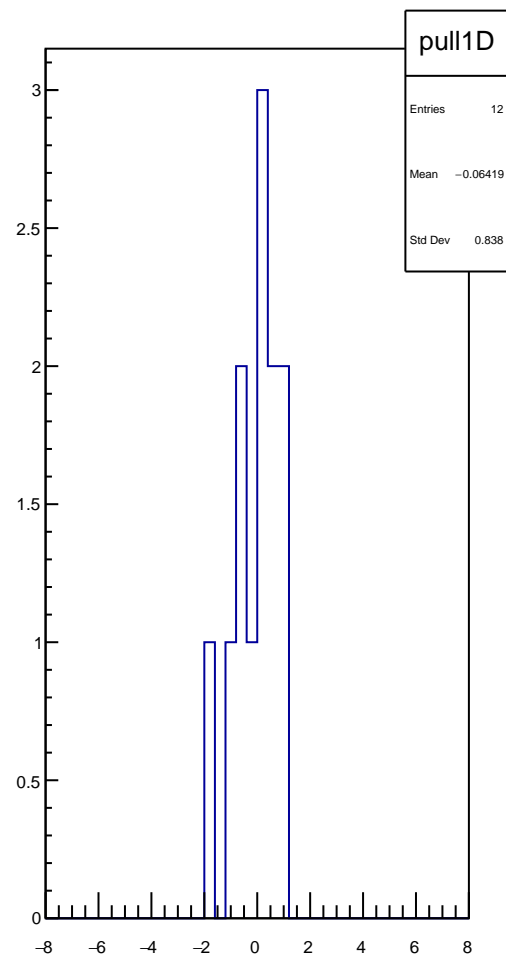
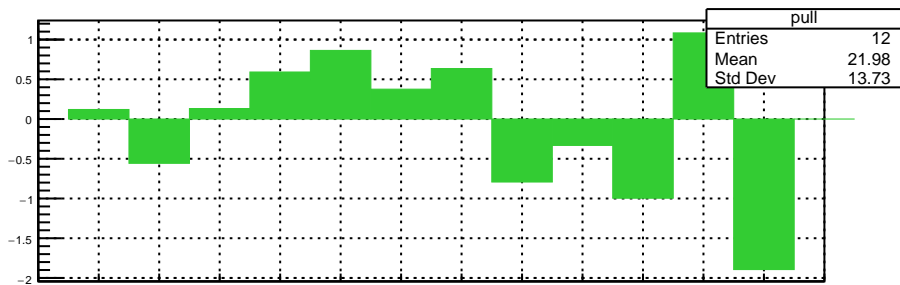
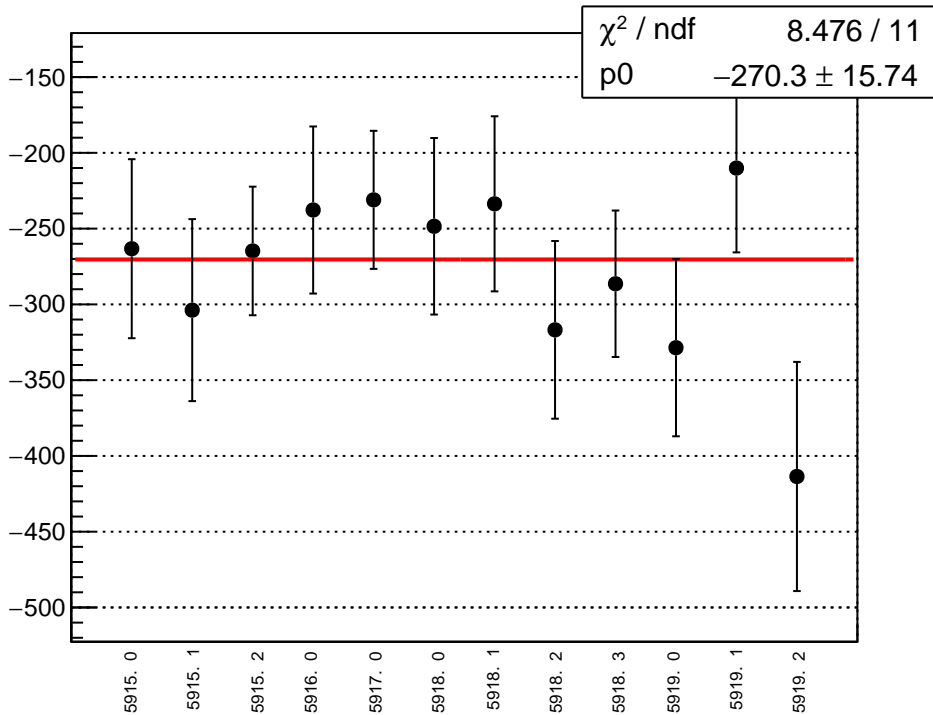
# reg\_asym\_at2\_dd\_diff\_bpm4eY\_slope vs run



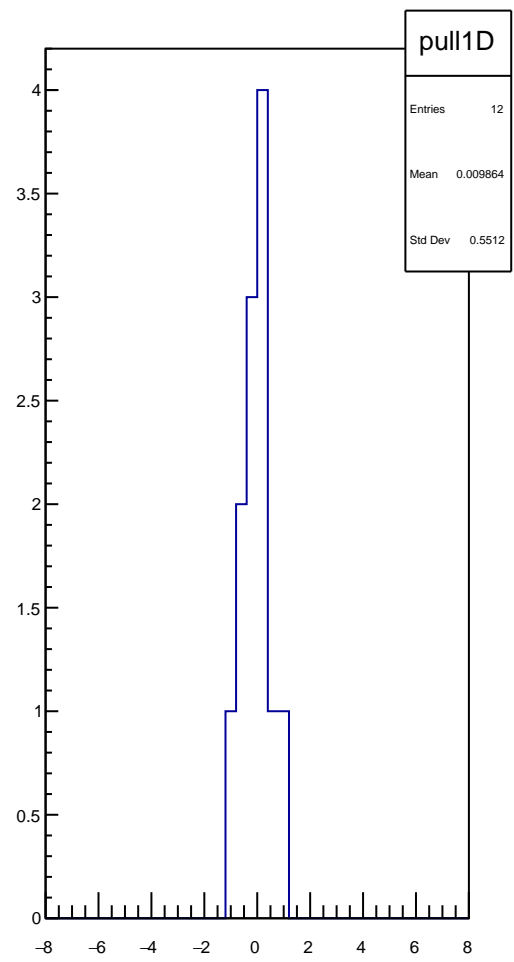
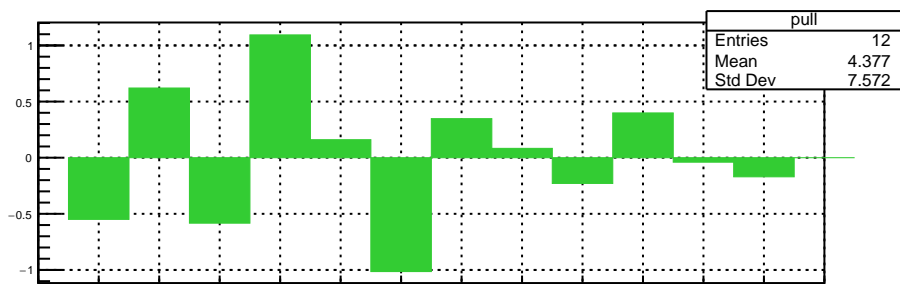
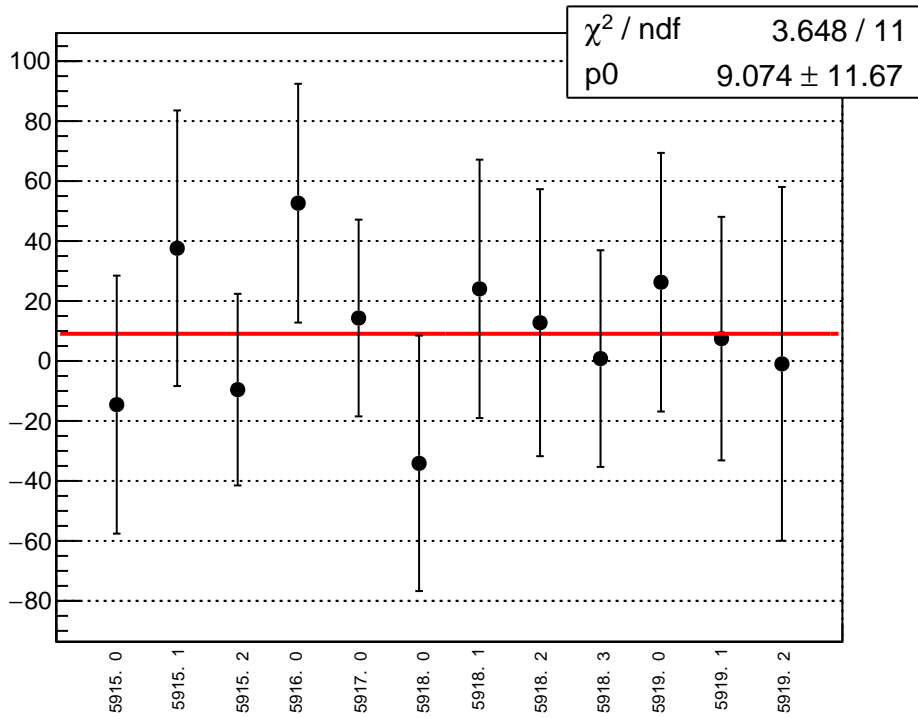
# reg\_asym\_at2\_dd\_diff\_bpm12X\_slope vs run



reg\_asym\_atl1r2\_avg\_diff\_bpm4aX\_slope vs run

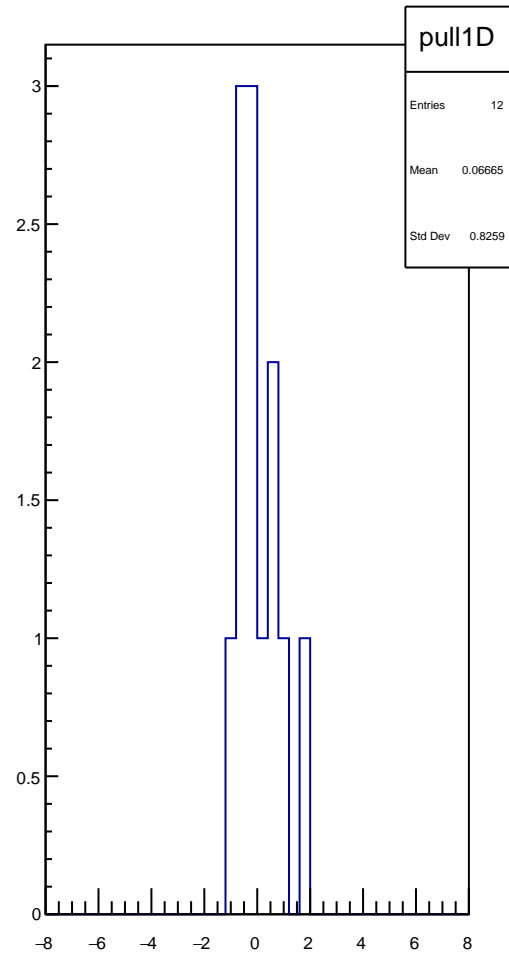
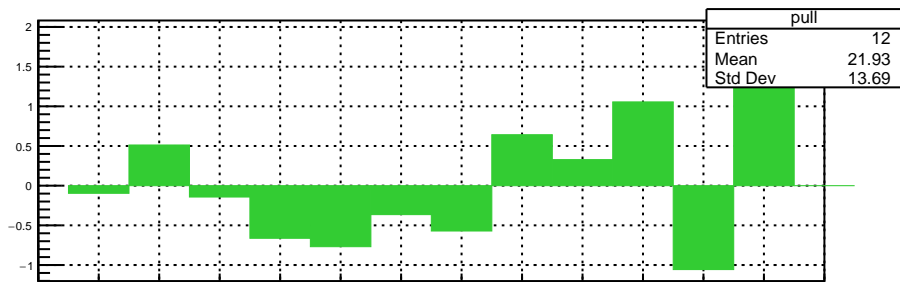
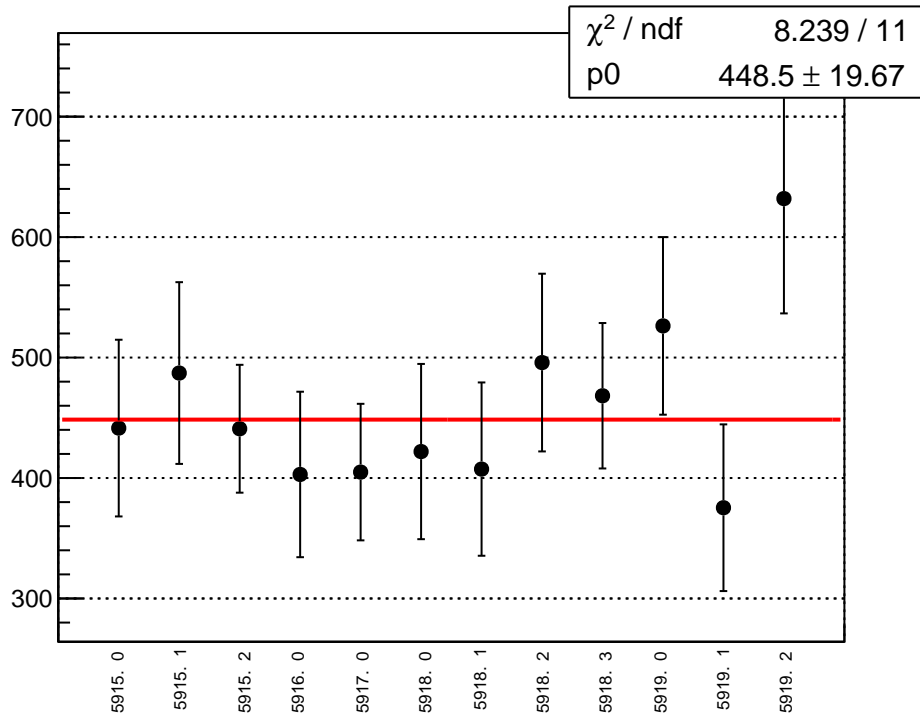


reg\_asym\_atl1r2\_avg\_diff\_bpm4aY\_slope vs run

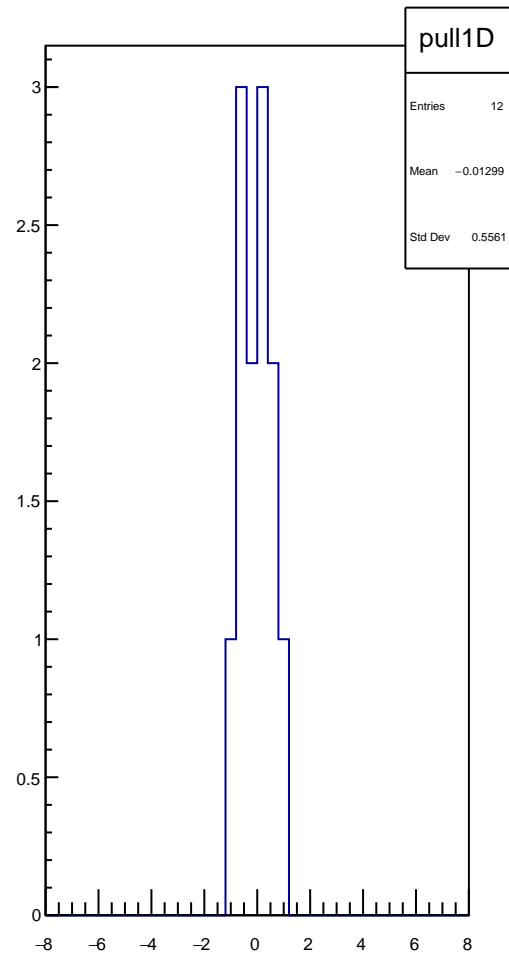
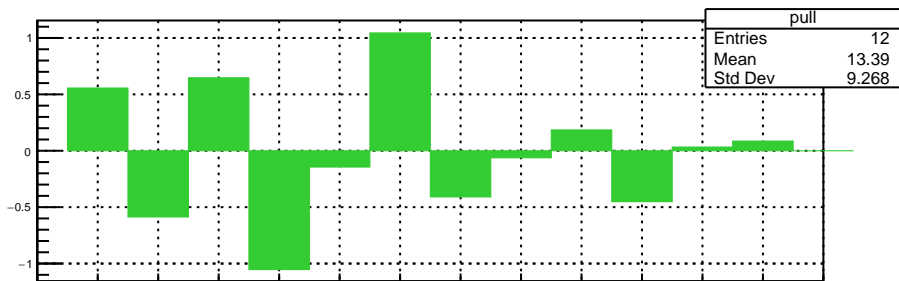
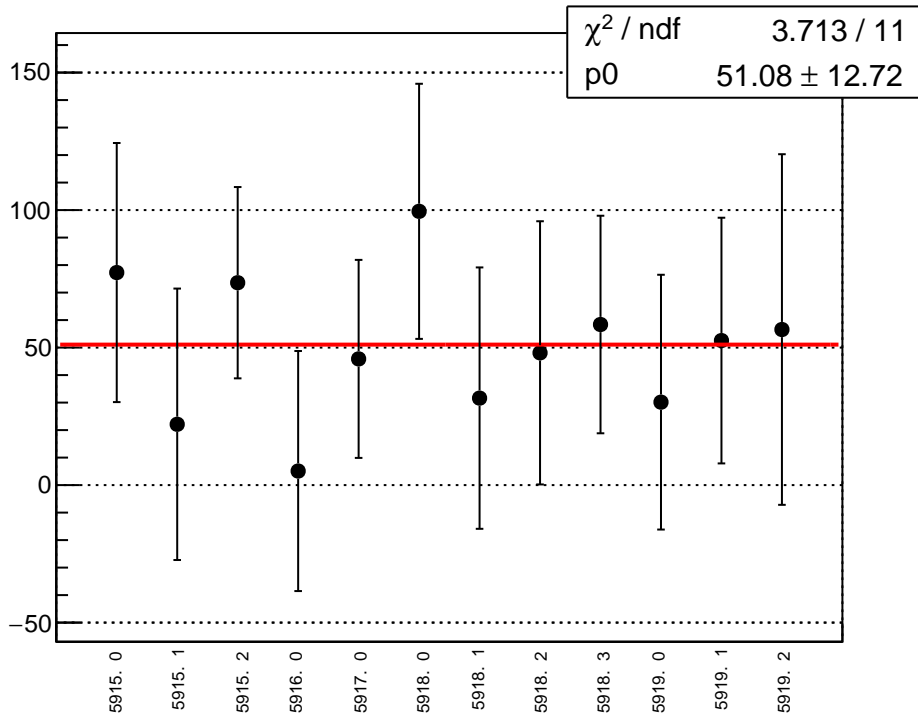




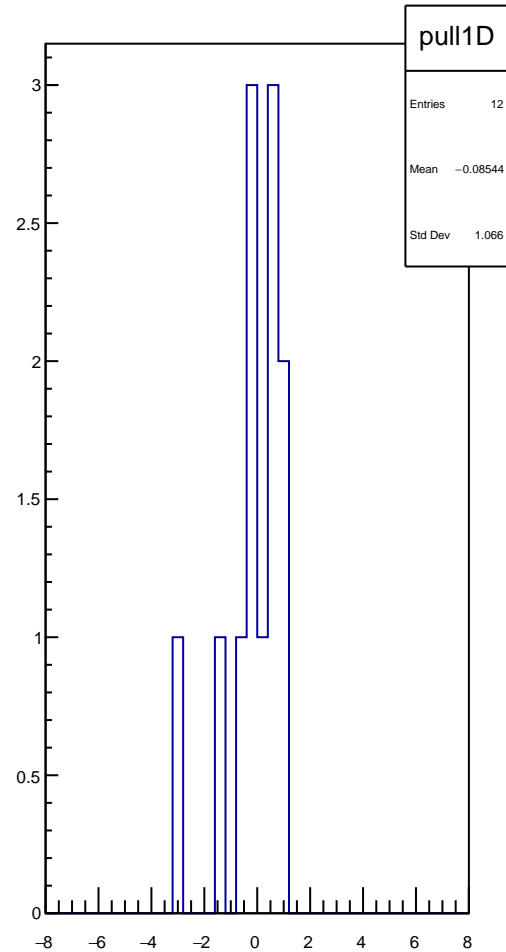
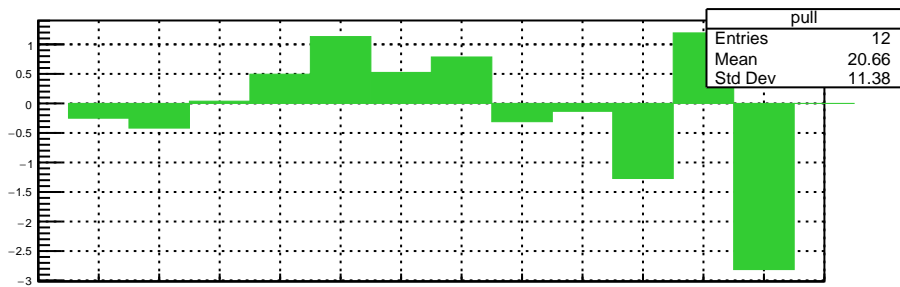
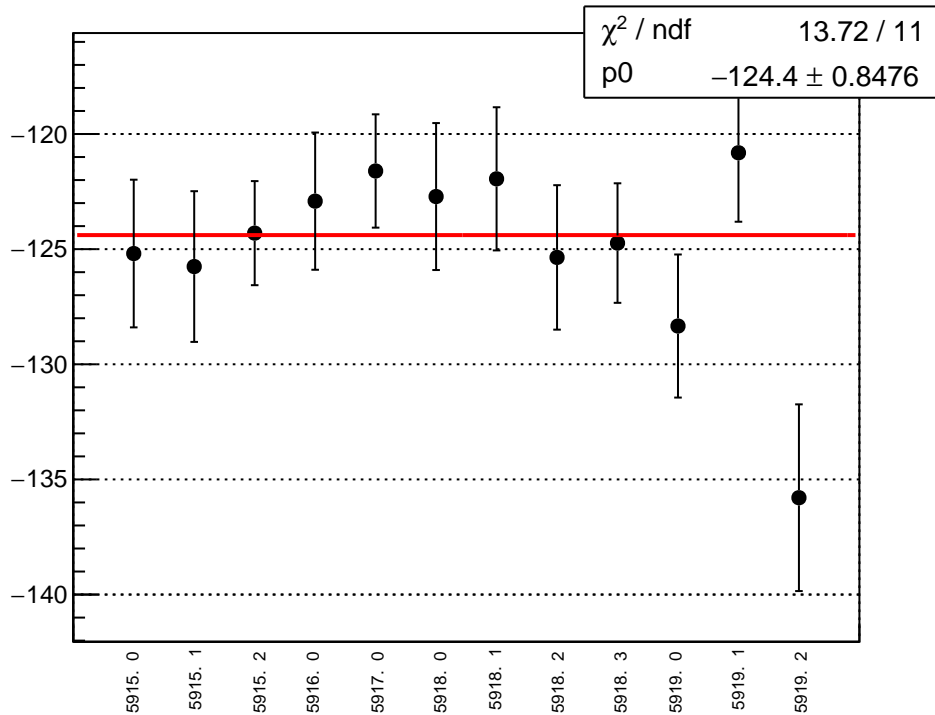
reg\_asym\_atl1r2\_avg\_diff\_bpm4eX\_slope vs run



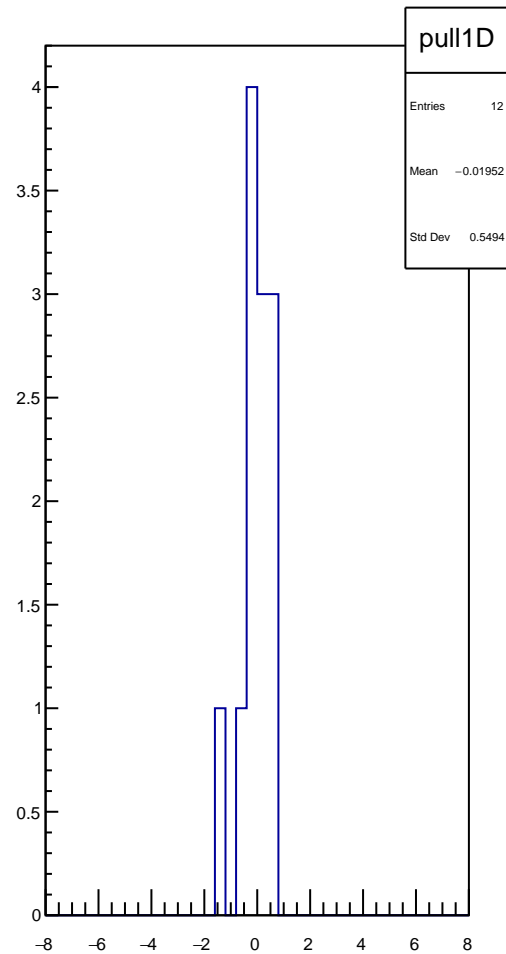
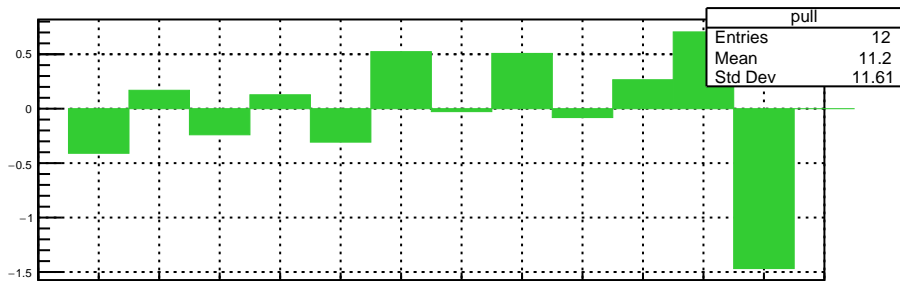
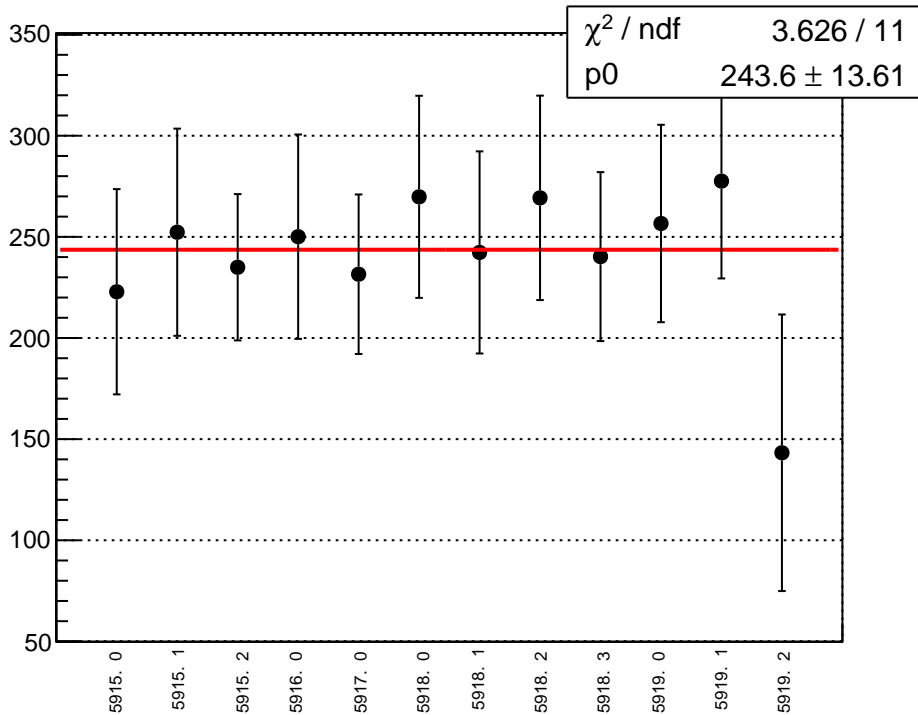
reg\_asym\_atl1r2\_avg\_diff\_bpm4eY\_slope vs run



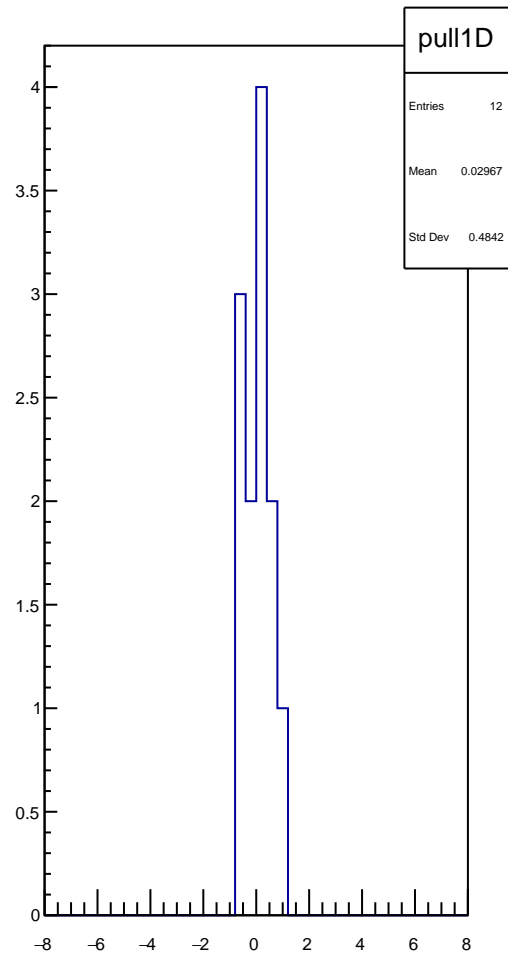
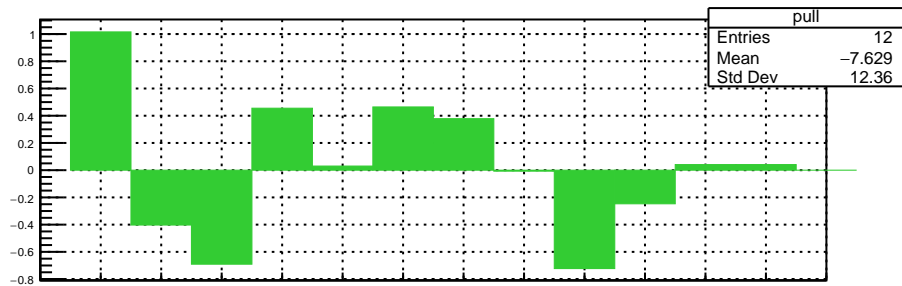
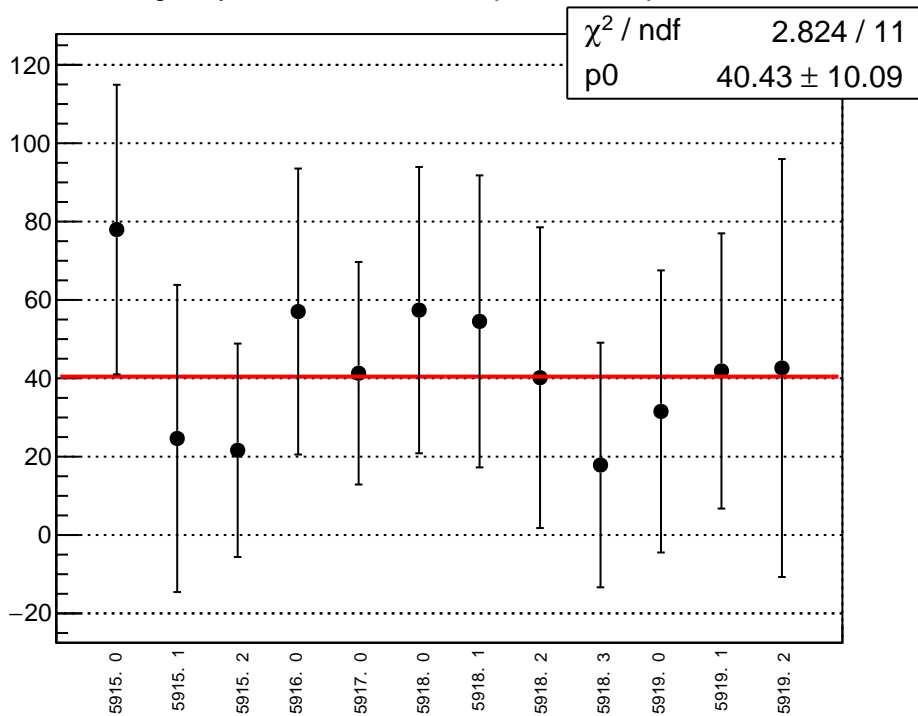
reg\_asym\_atl1r2\_avg\_diff\_bpm12X\_slope vs run



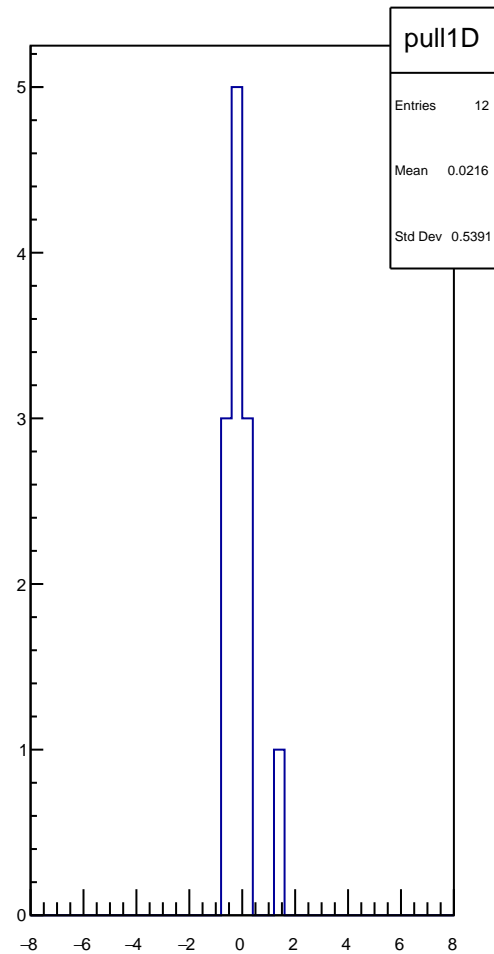
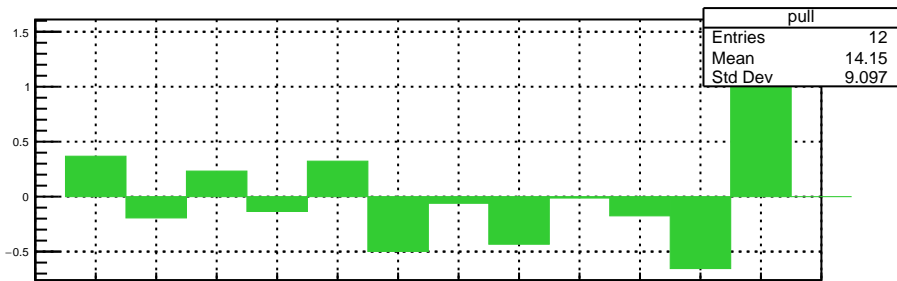
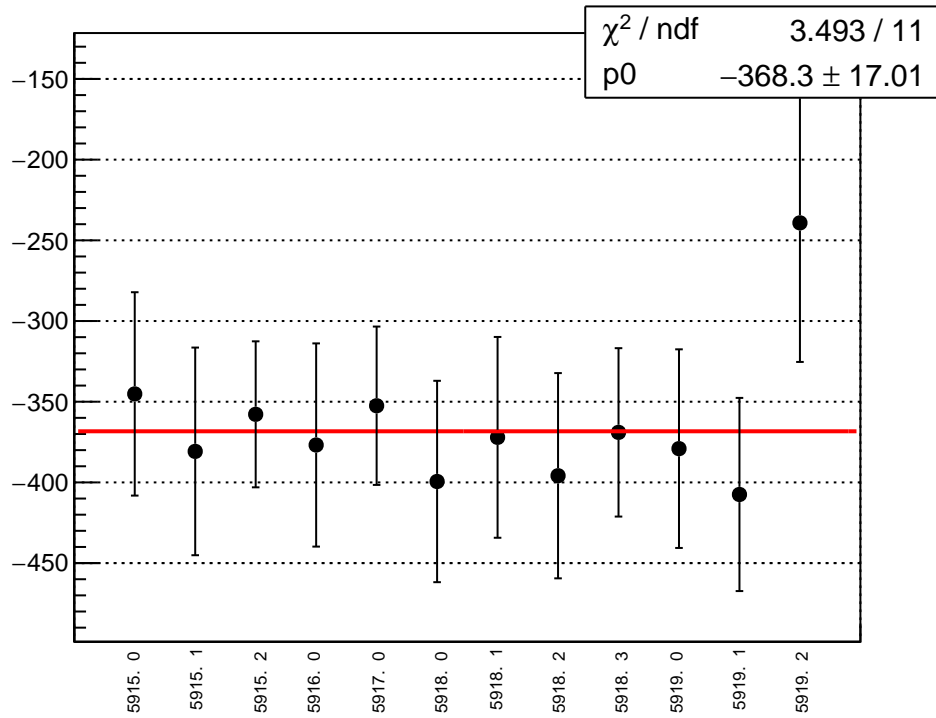
# reg\_asym\_atl1r2\_dd\_diff\_bpm4aX\_slope vs run



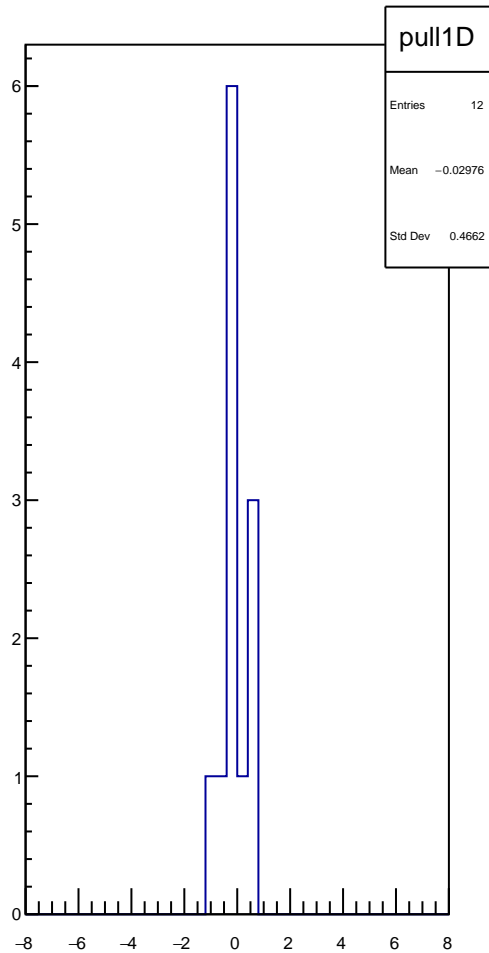
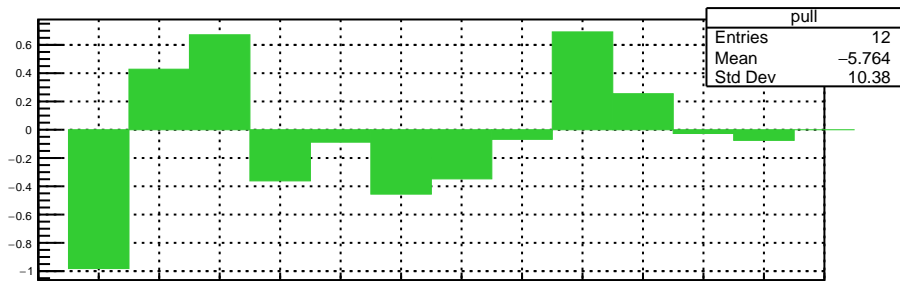
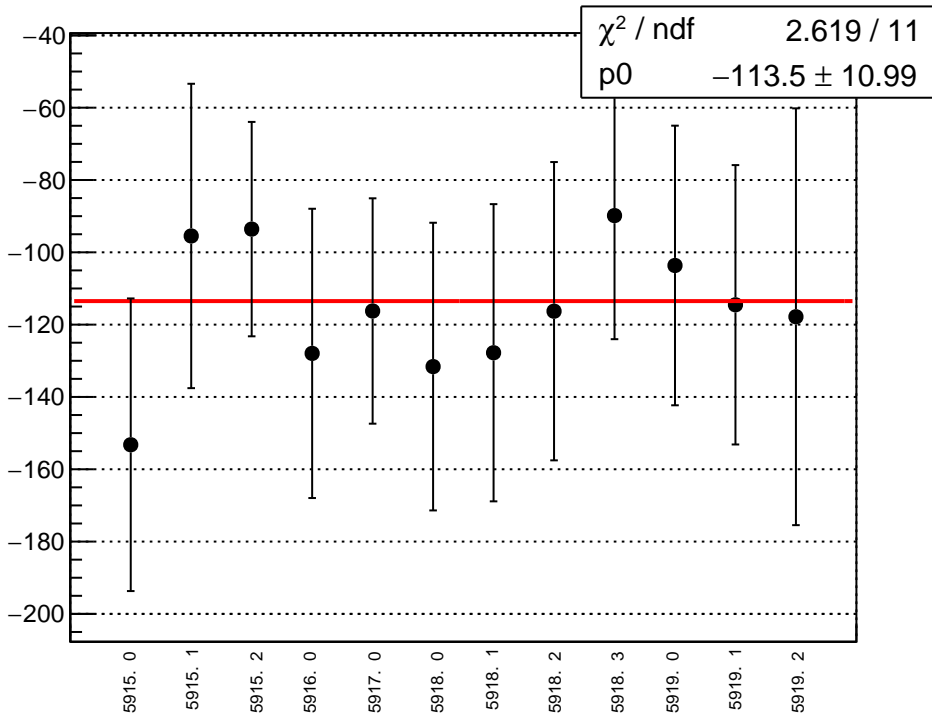
reg\_asym\_atl1r2\_dd\_diff\_bpm4aY\_slope vs run



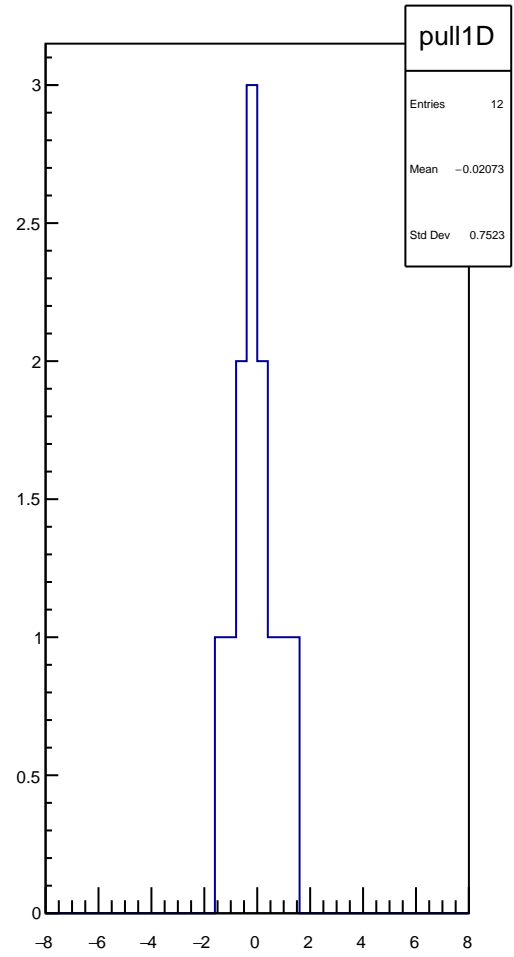
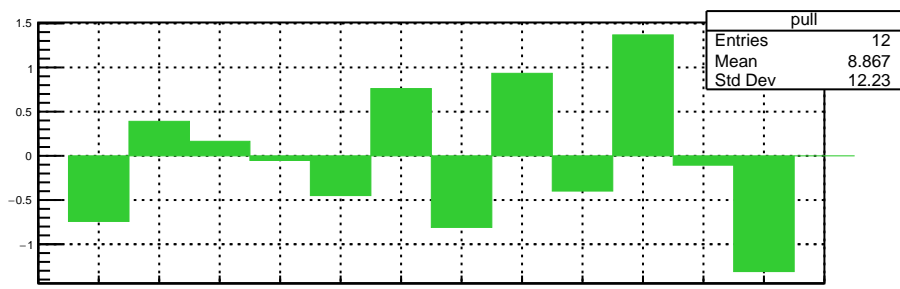
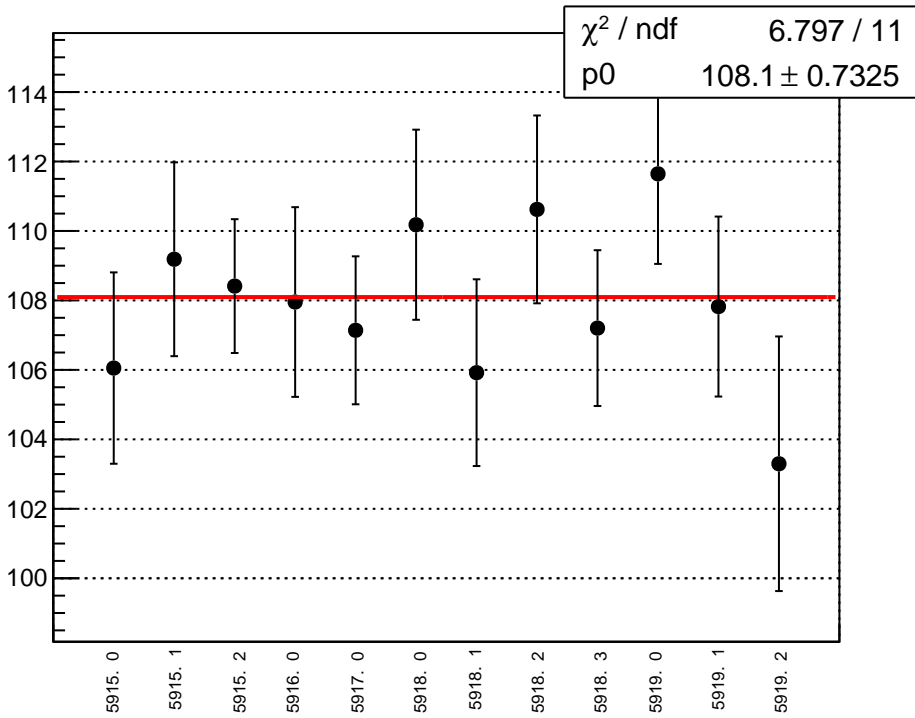
# reg\_asym\_atl1r2\_dd\_diff\_bpm4eX\_slope vs run



# reg\_asym\_atl1r2\_dd\_diff\_bpm4eY\_slope vs run

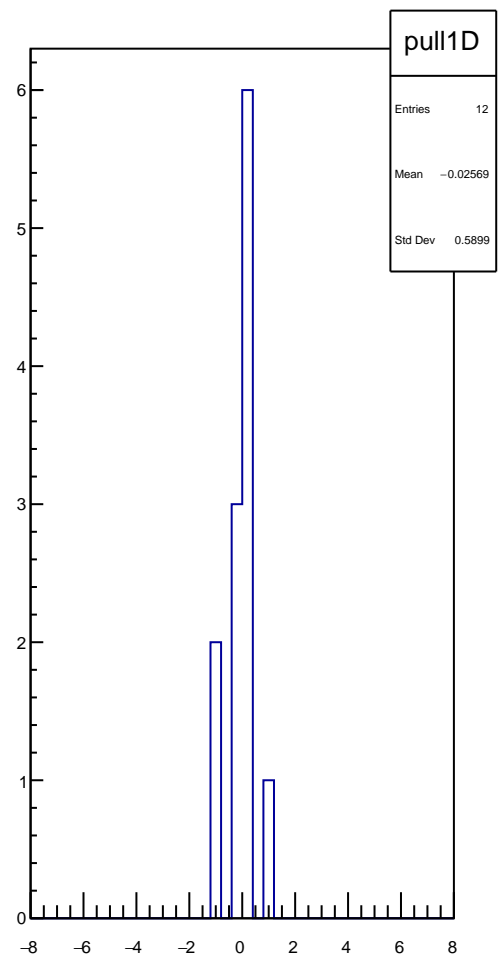
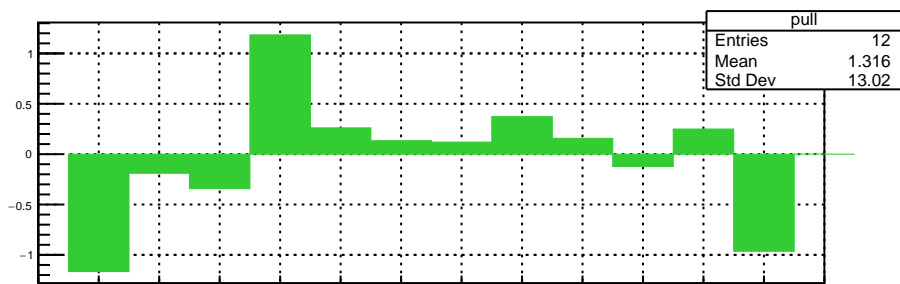
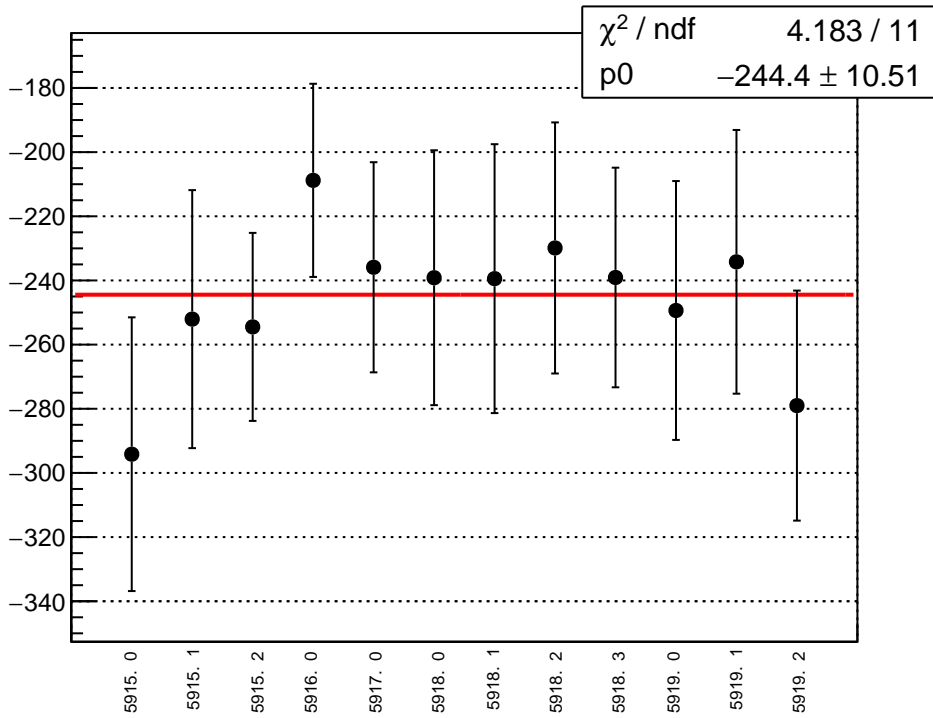


reg\_asym\_atl1r2\_dd\_diff\_bpm12X\_slope vs run

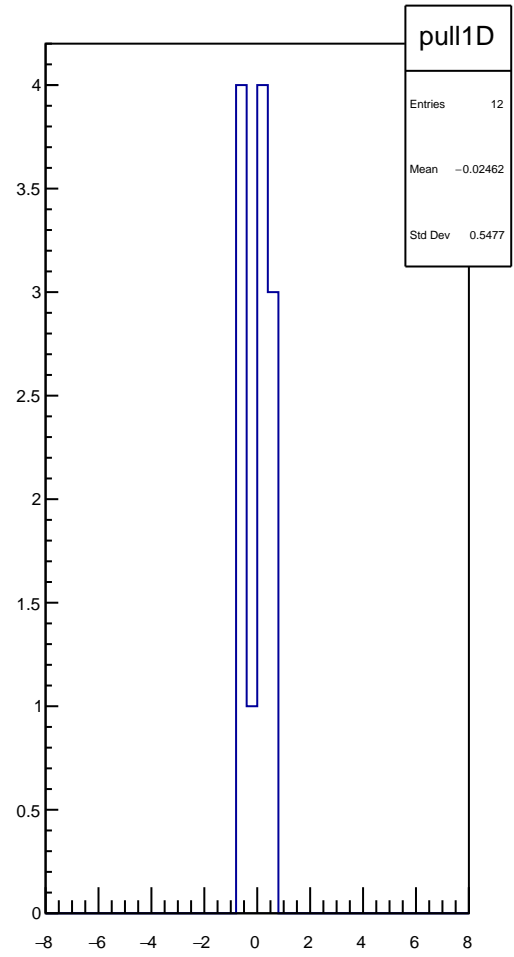
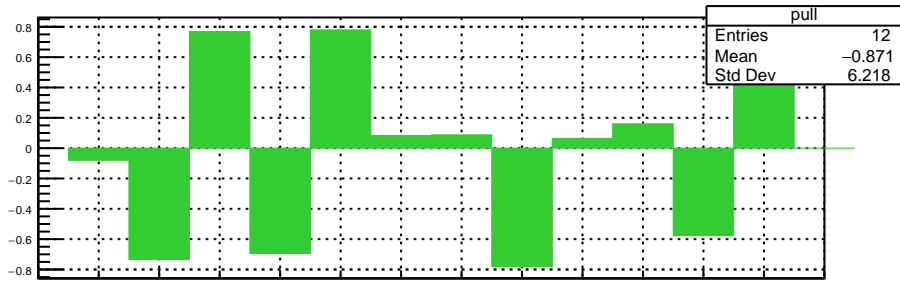
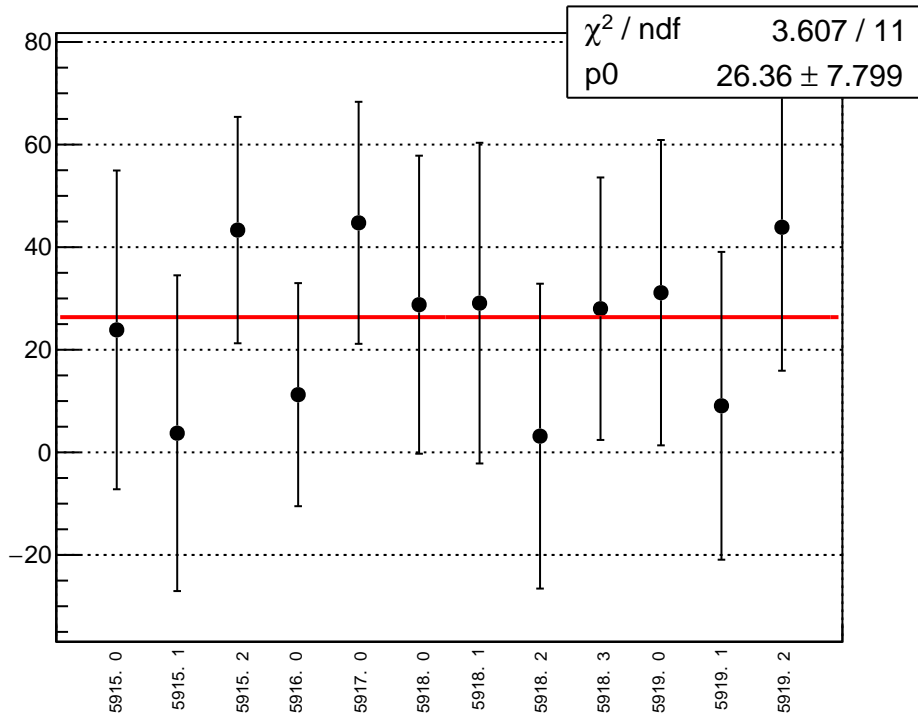




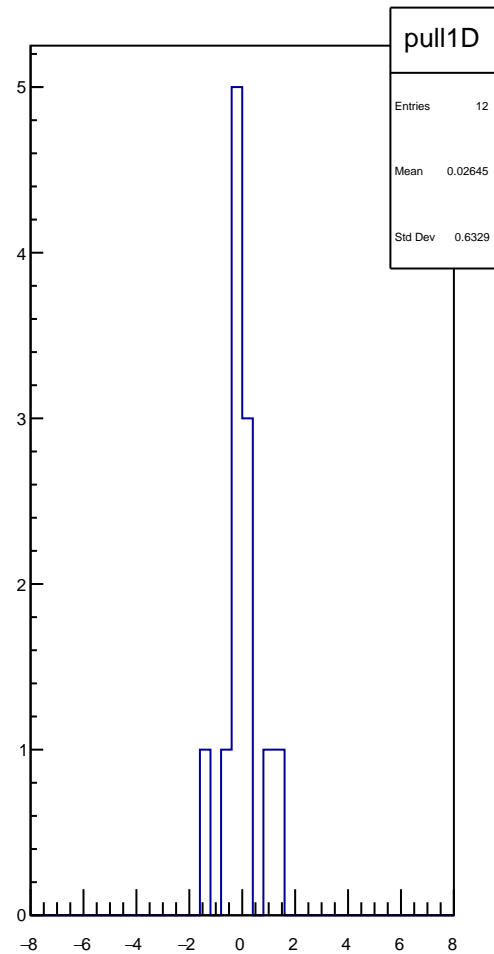
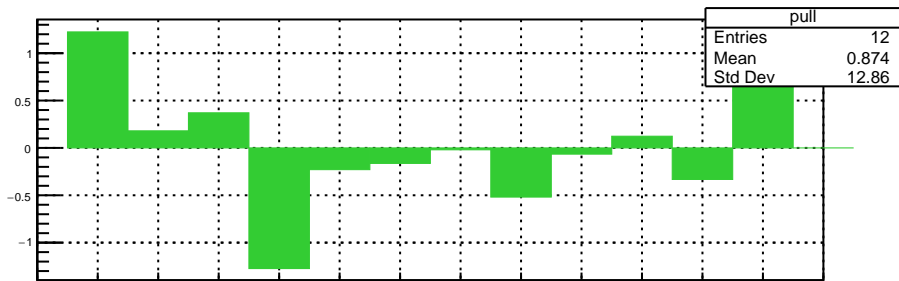
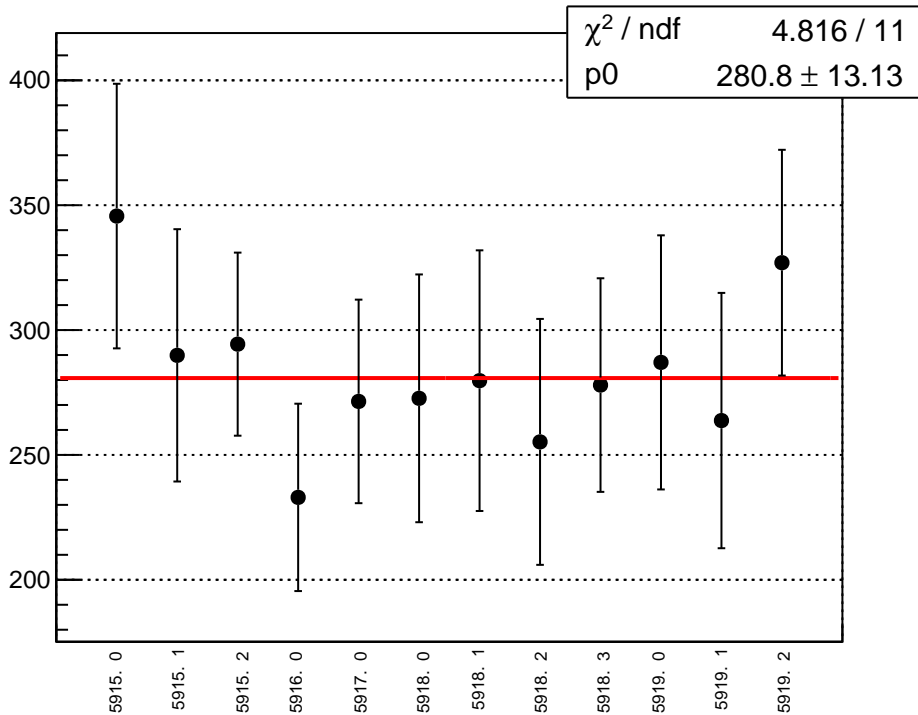
reg\_asym\_atr1l2\_avg\_diff\_bpm4aX\_slope vs run



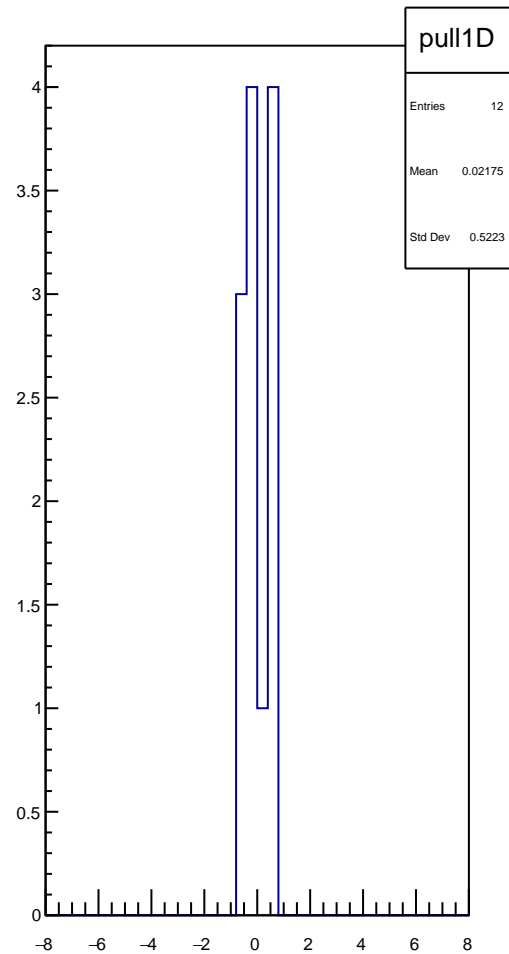
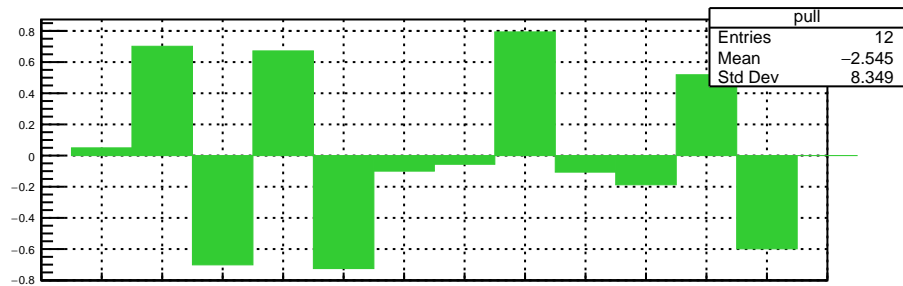
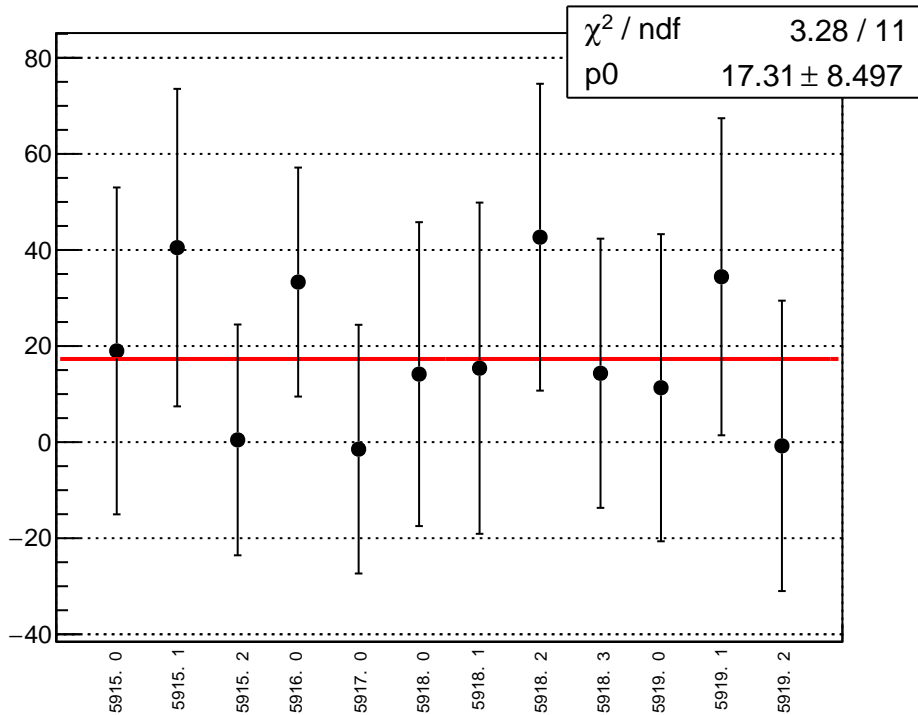
reg\_asym\_atr1I2\_avg\_diff\_bpm4aY\_slope vs run



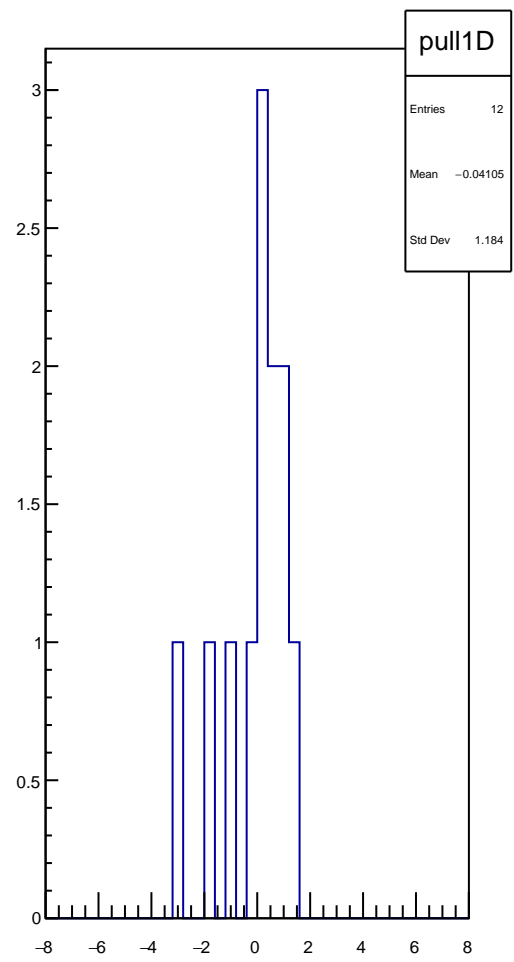
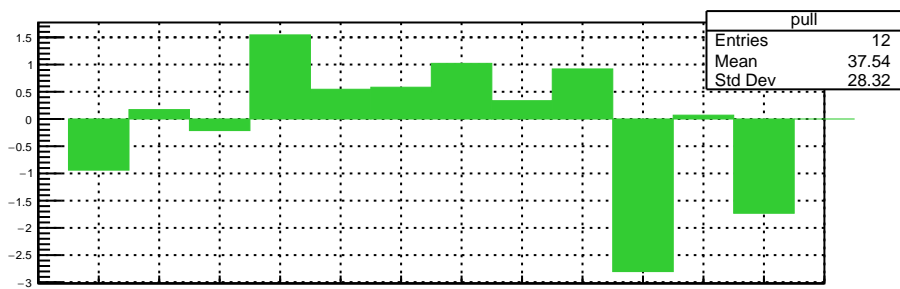
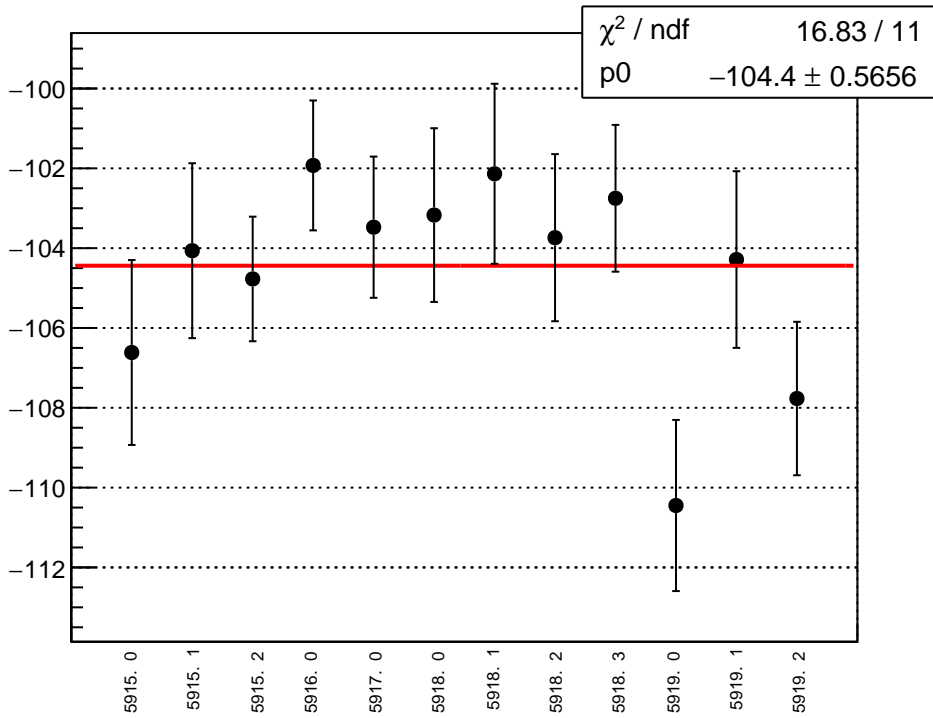
reg\_asym\_atr1l2\_avg\_diff\_bpm4eX\_slope vs run



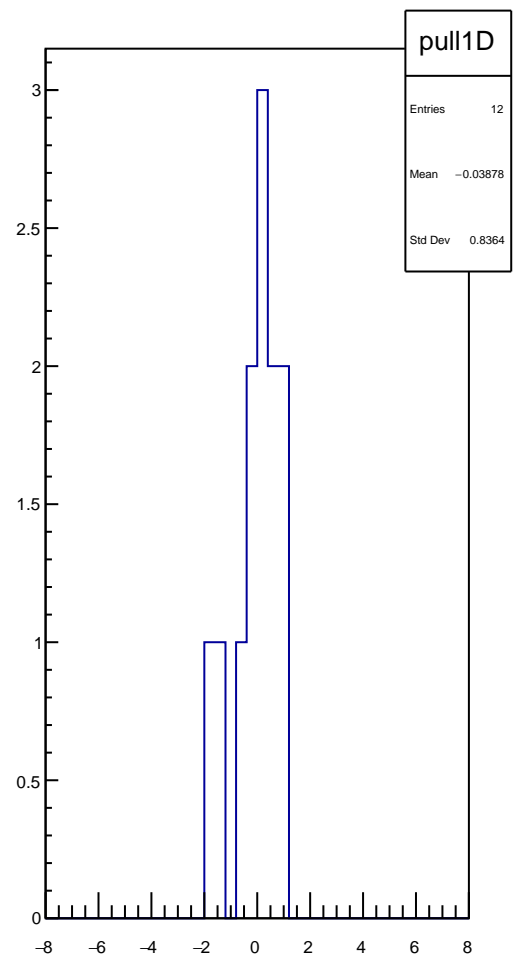
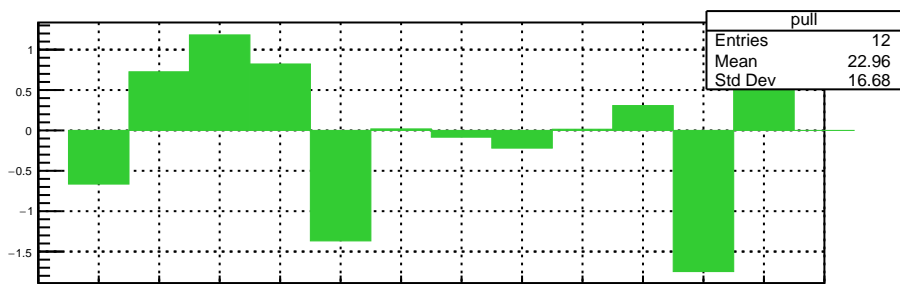
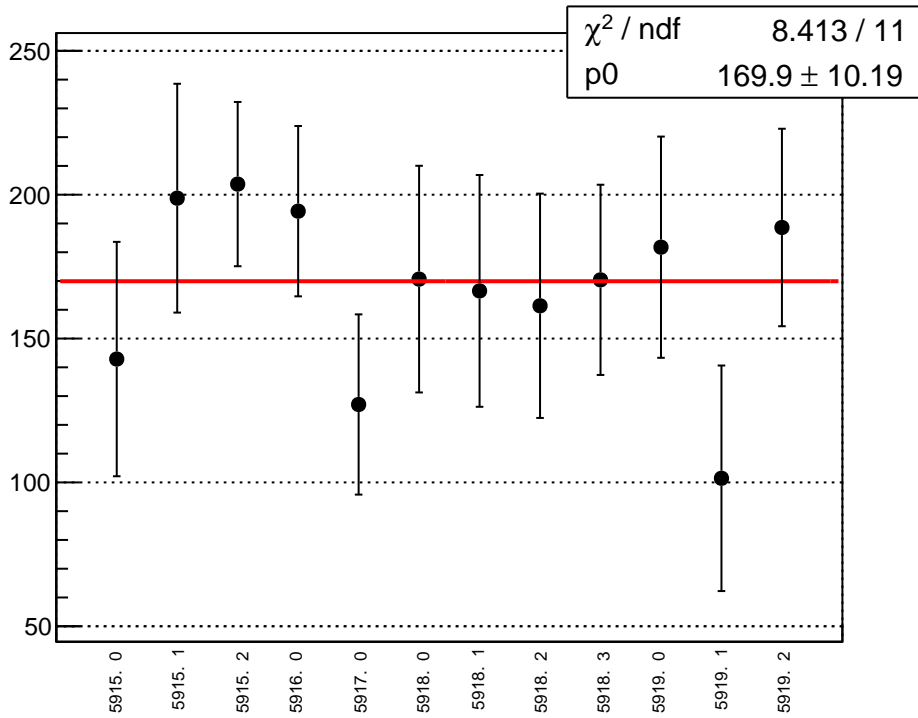
reg\_asym\_atr1I2\_avg\_diff\_bpm4eY\_slope vs run



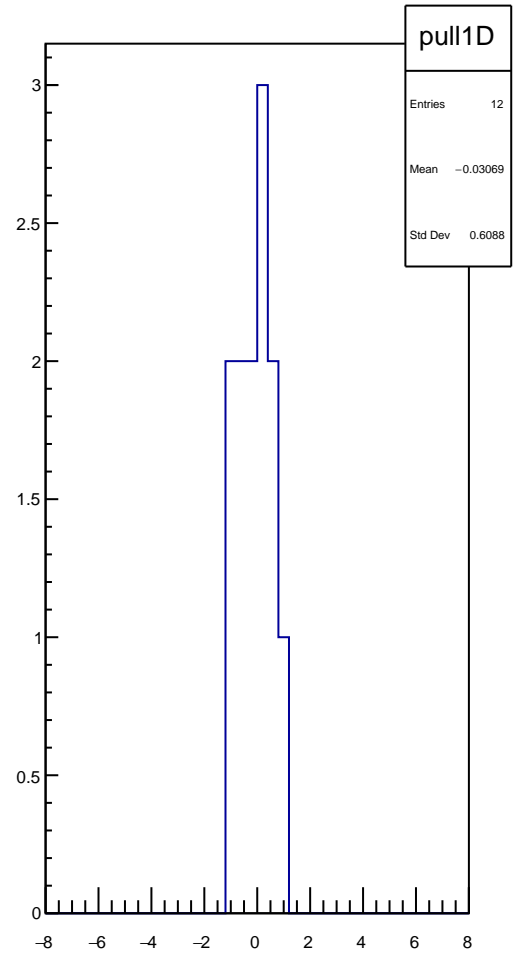
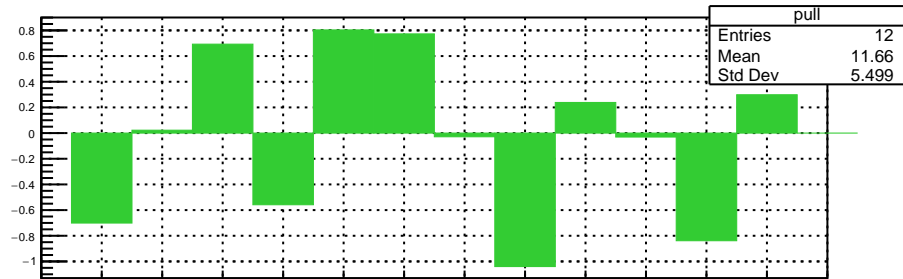
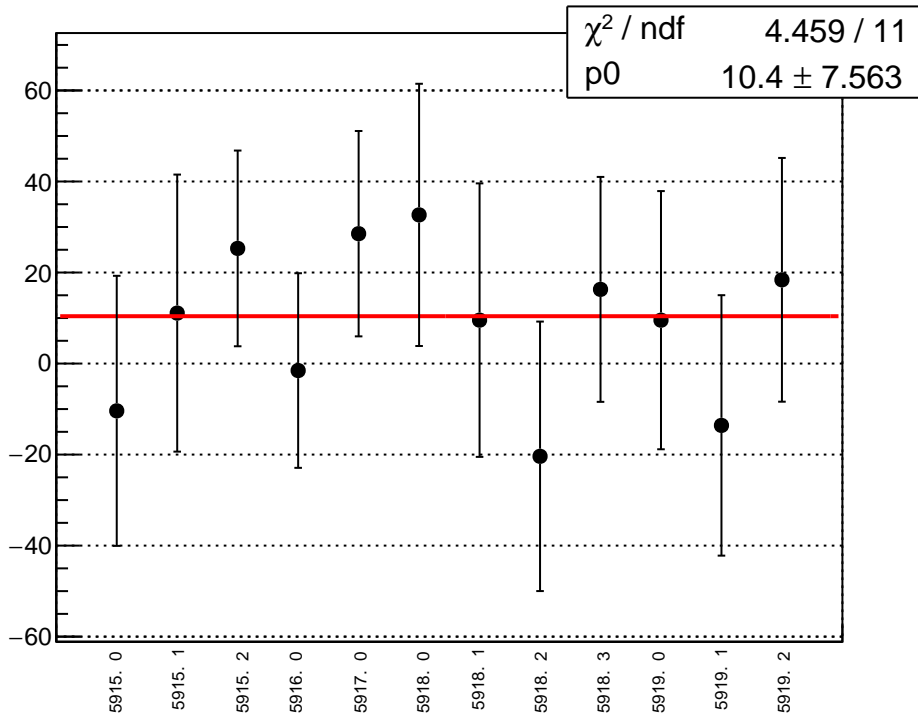
reg\_asym\_atr1l2\_avg\_diff\_bpm12X\_slope vs run



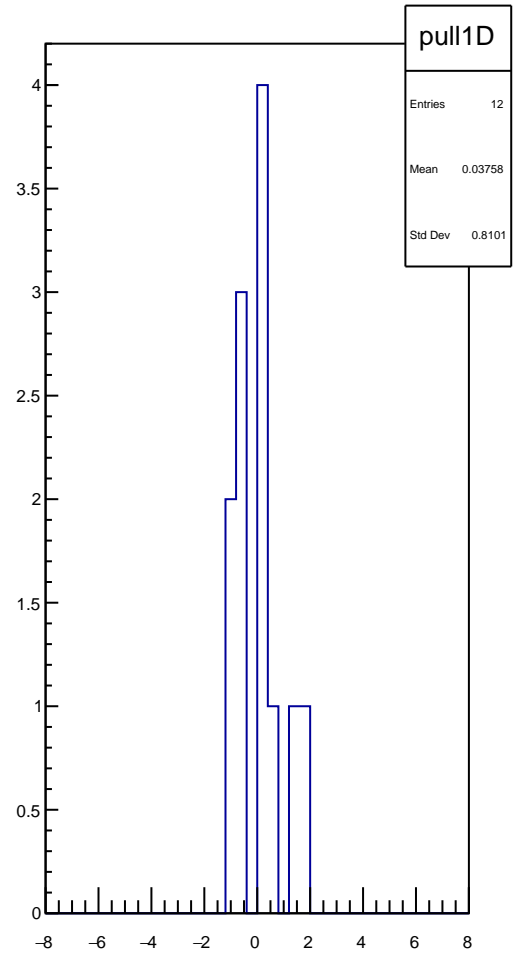
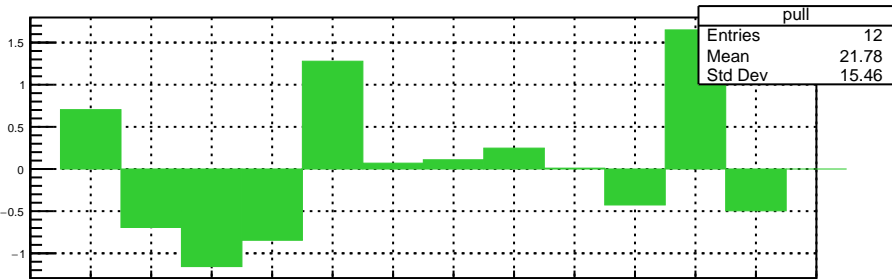
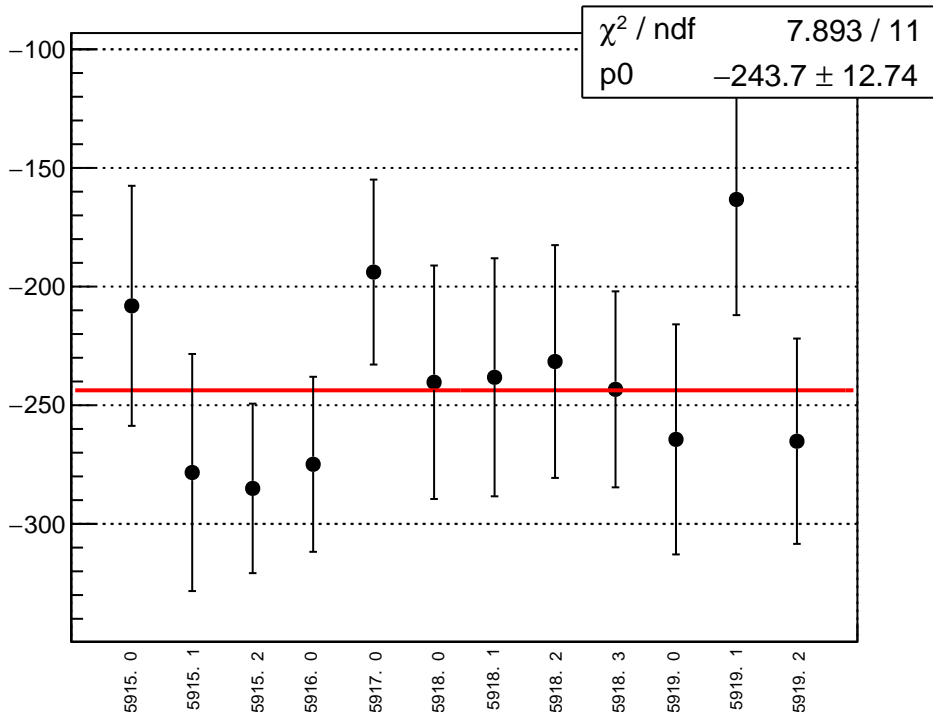
# reg\_asym\_atr1I2\_dd\_diff\_bpm4aX\_slope vs run



# reg\_asym\_atr1I2\_dd\_diff\_bpm4aY\_slope vs run

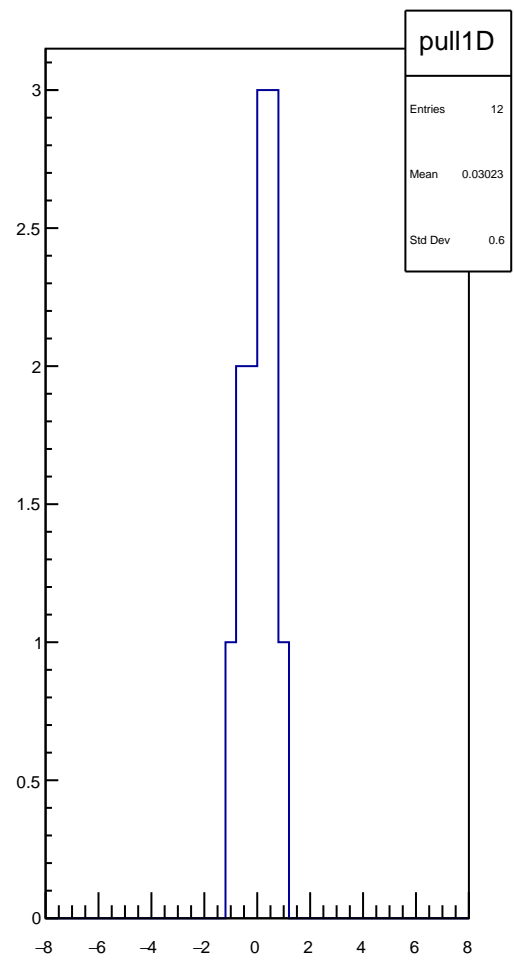
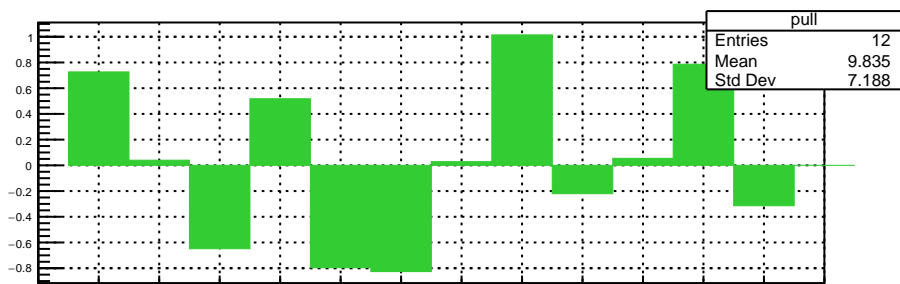
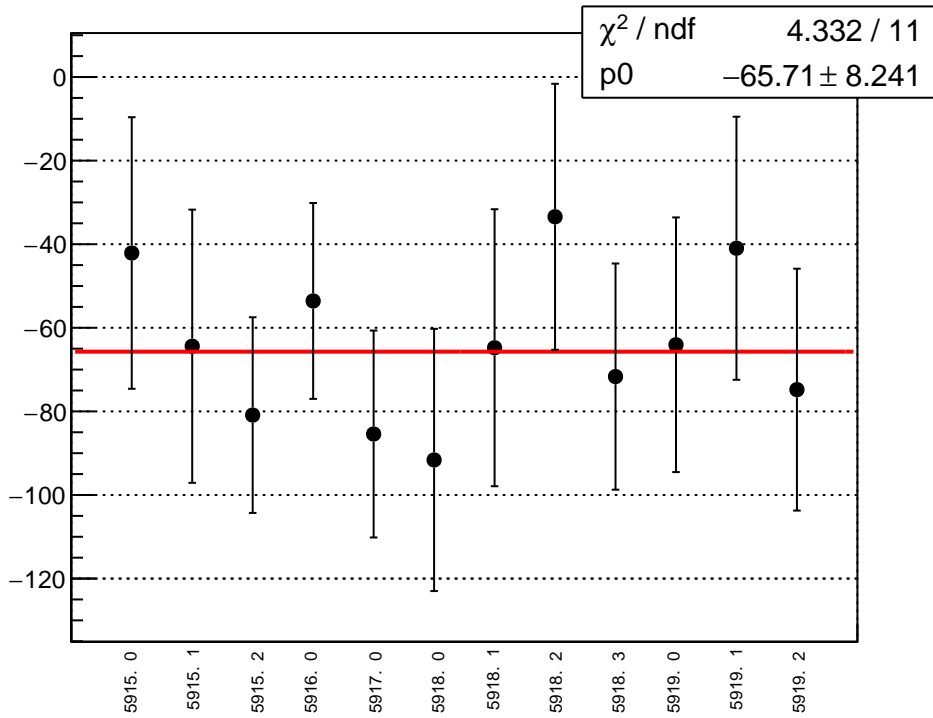


# reg\_asym\_atr112\_dd\_diff\_bpm4eX\_slope vs run

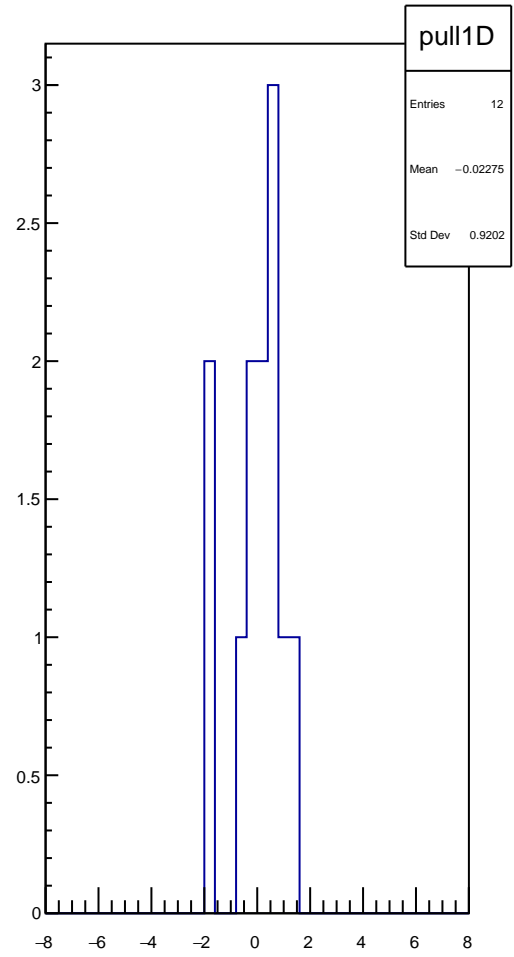
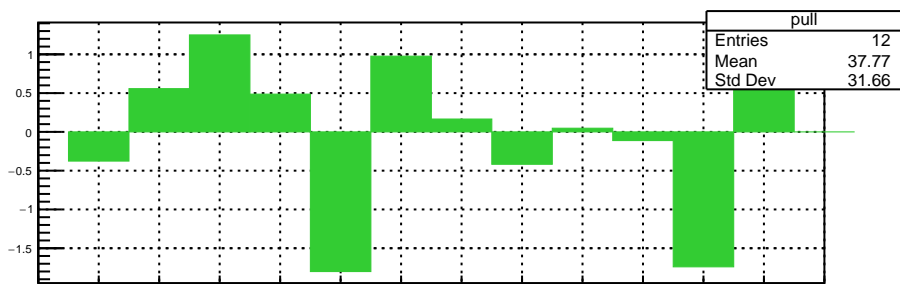
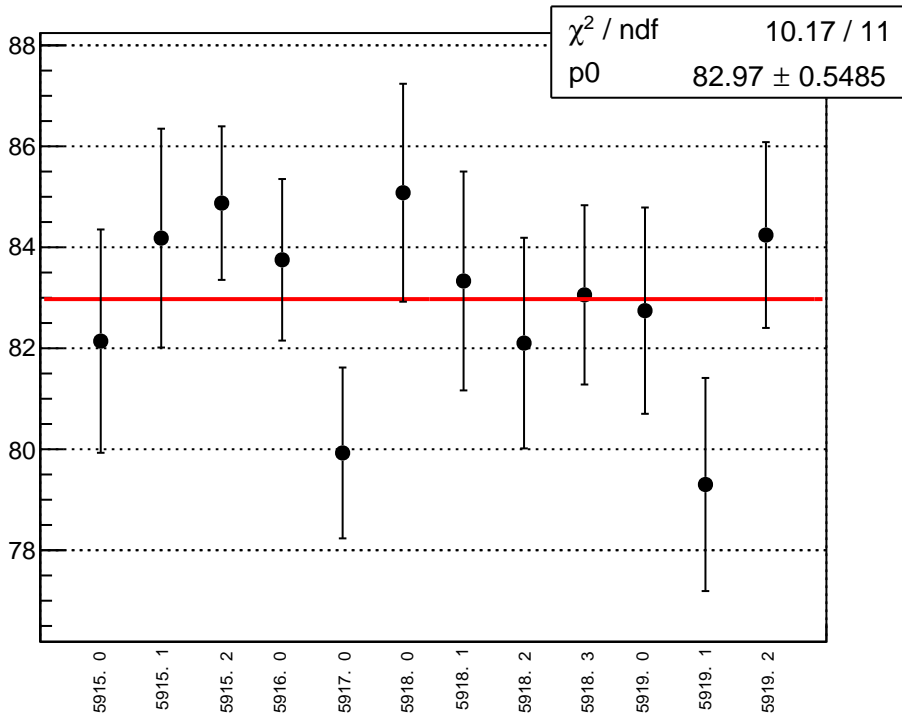




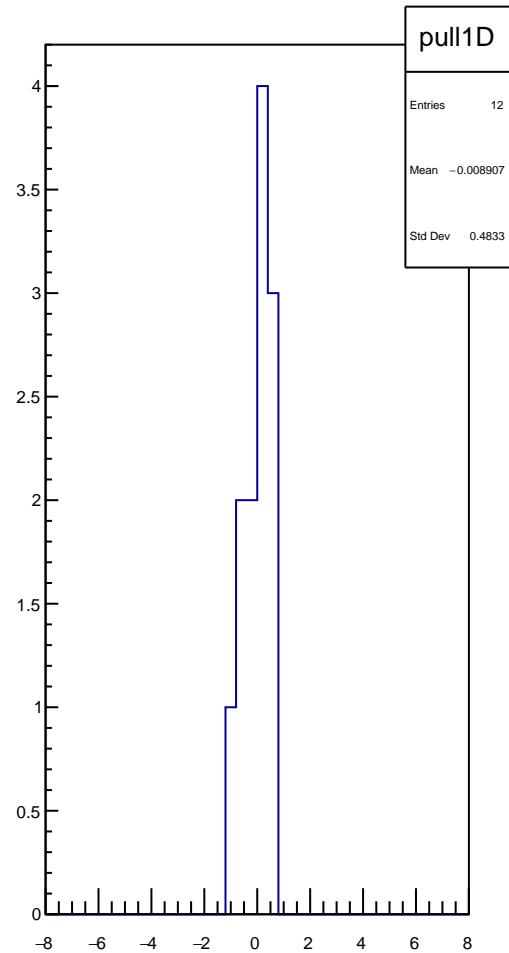
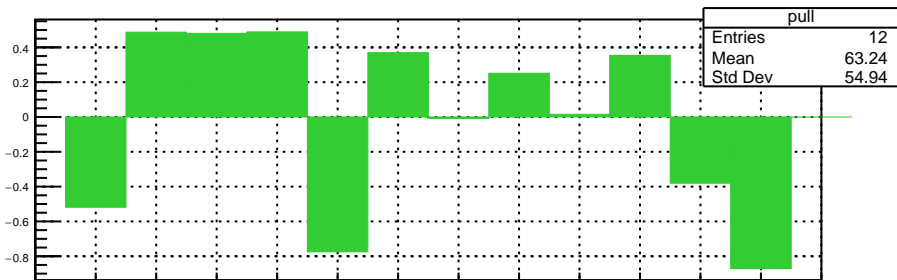
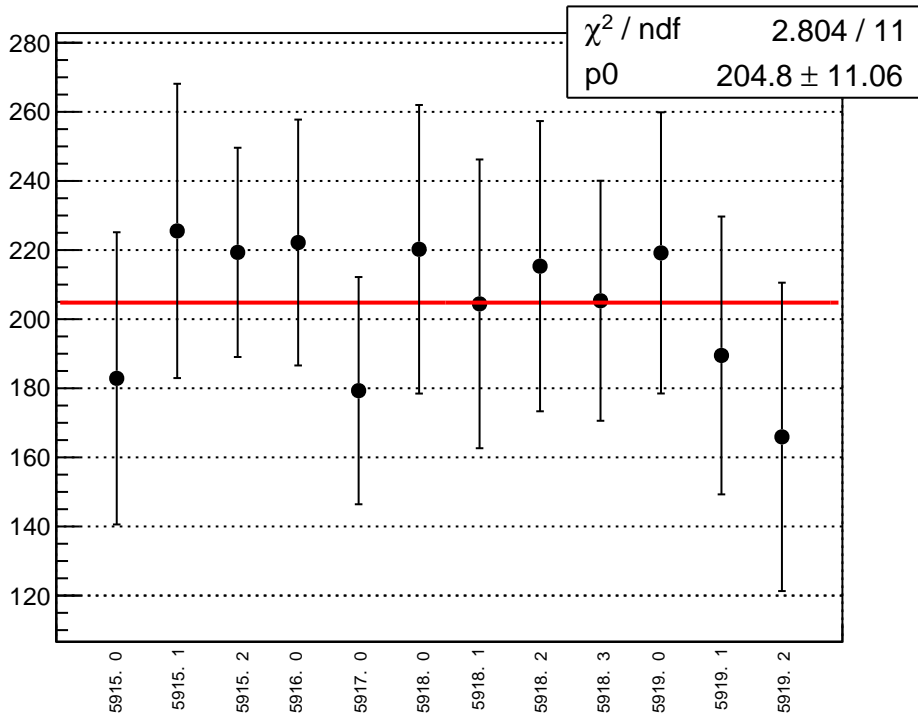
reg\_asym\_atr112\_dd\_diff\_bpm4eY\_slope vs run



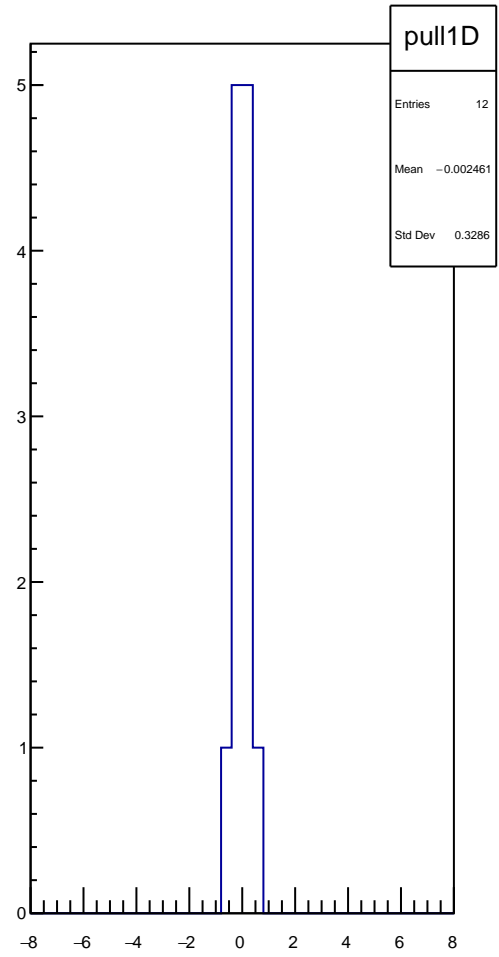
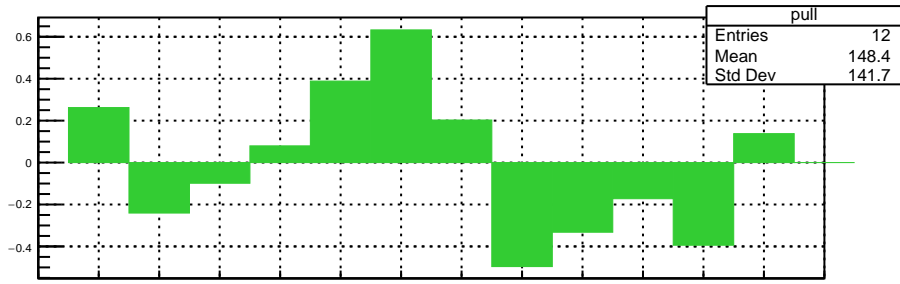
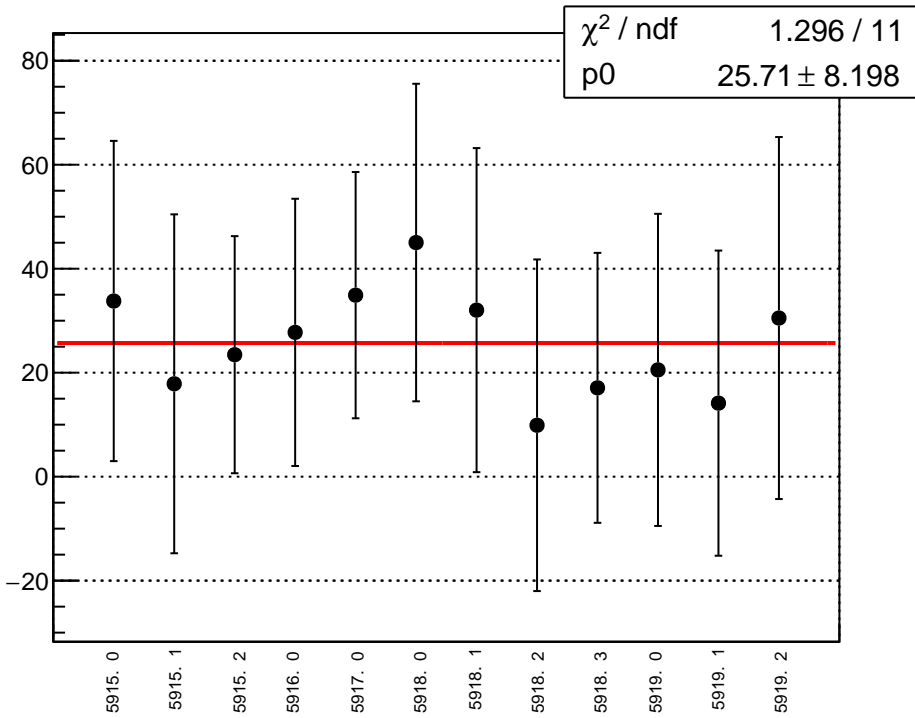
# reg\_asym\_atr112\_dd\_diff\_bpm12X\_slope vs run



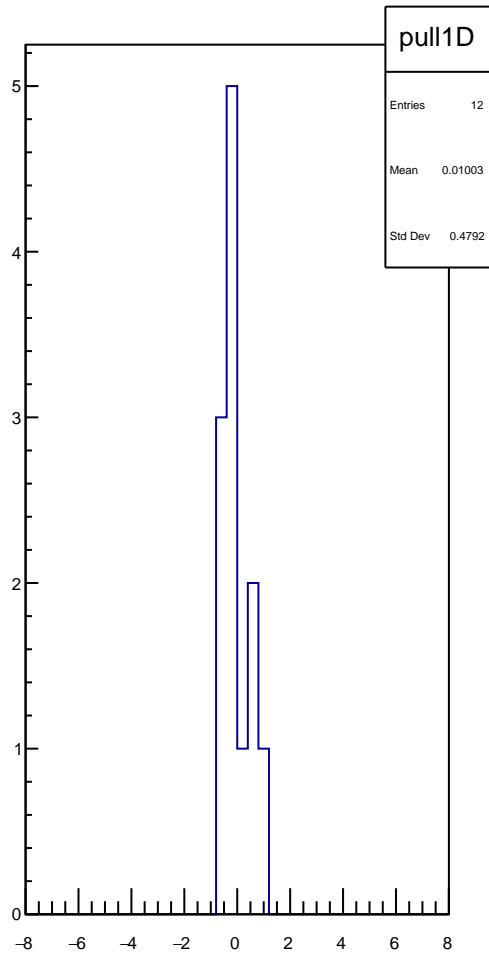
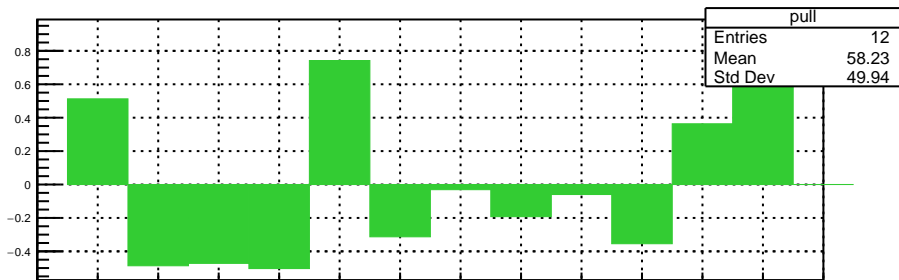
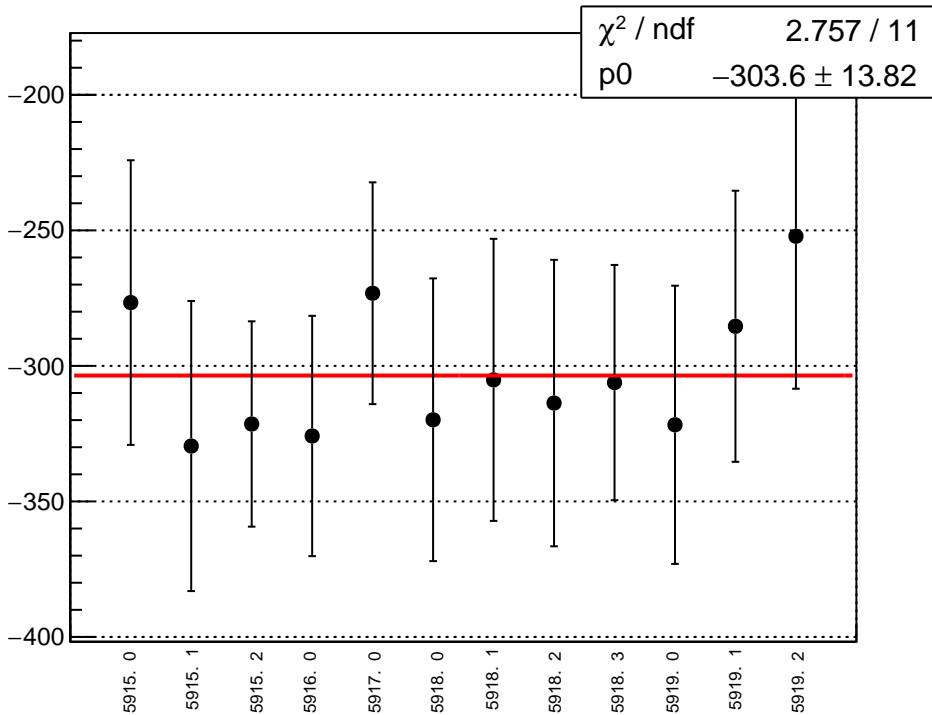
reg\_asym\_atl\_dd\_atr\_dd\_avg\_diff\_bpm4aX\_slope vs run



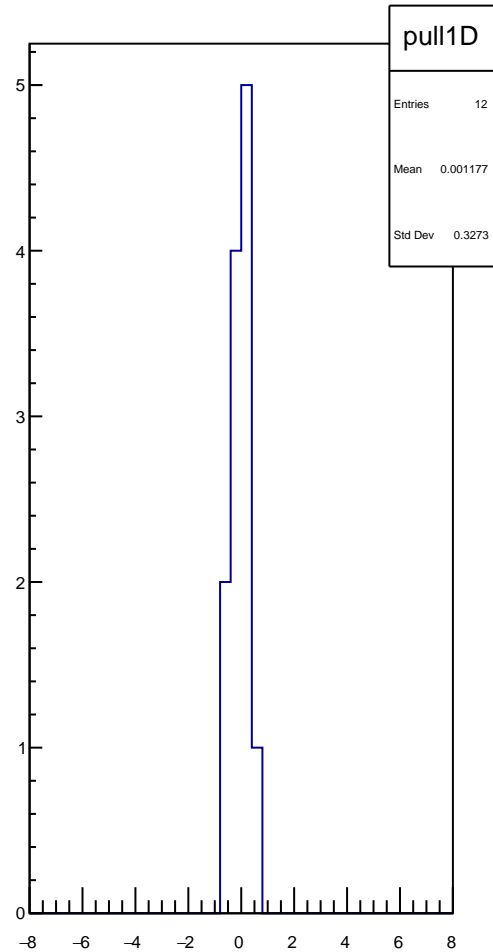
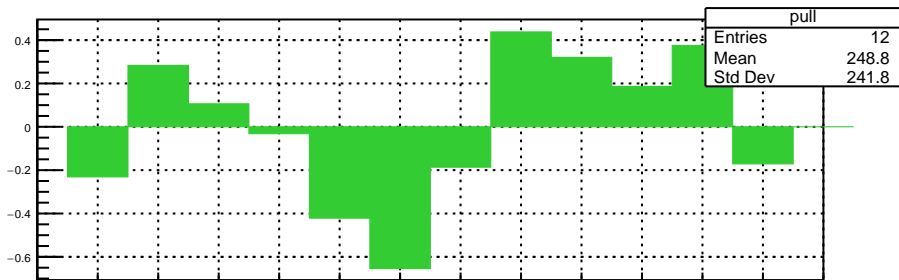
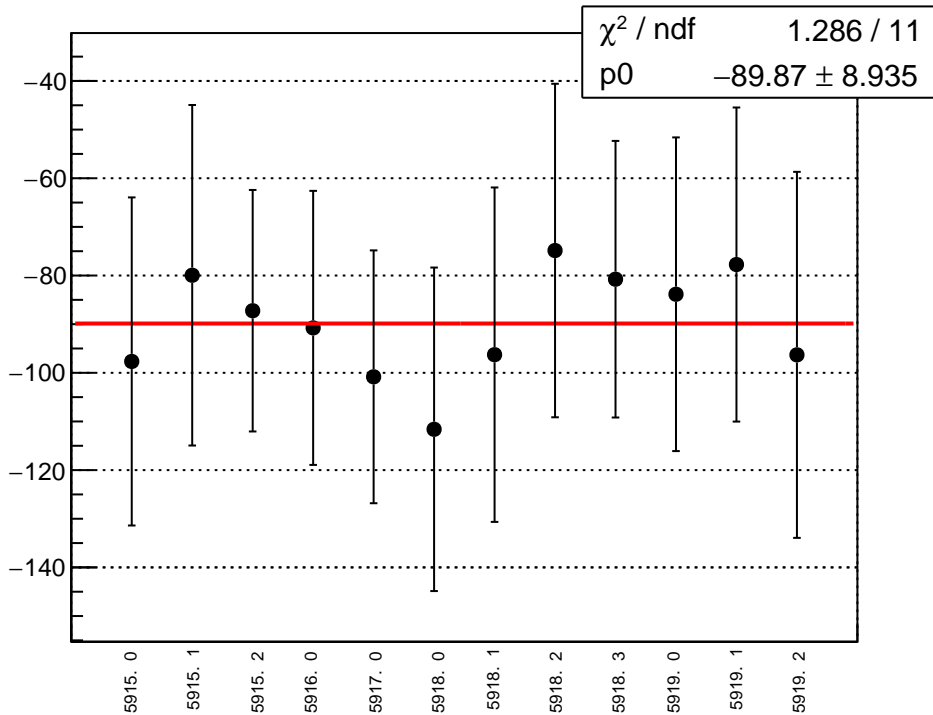
reg\_asym\_atl\_dd\_atr\_dd\_avg\_diff\_bpm4aY\_slope vs run



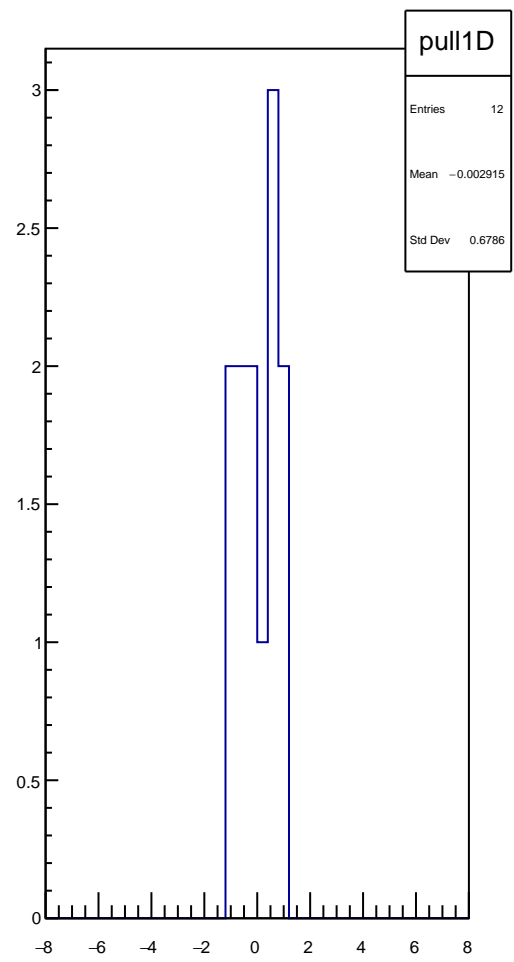
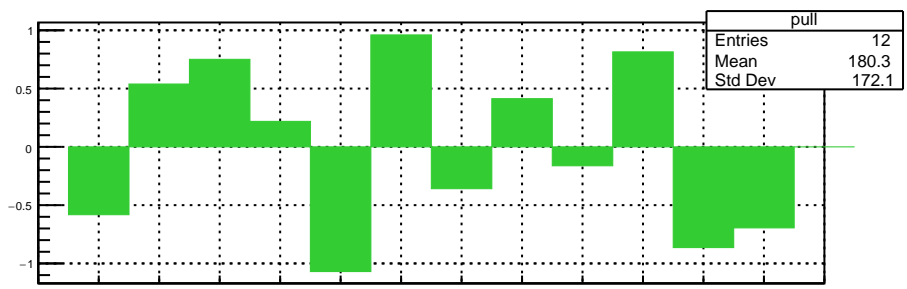
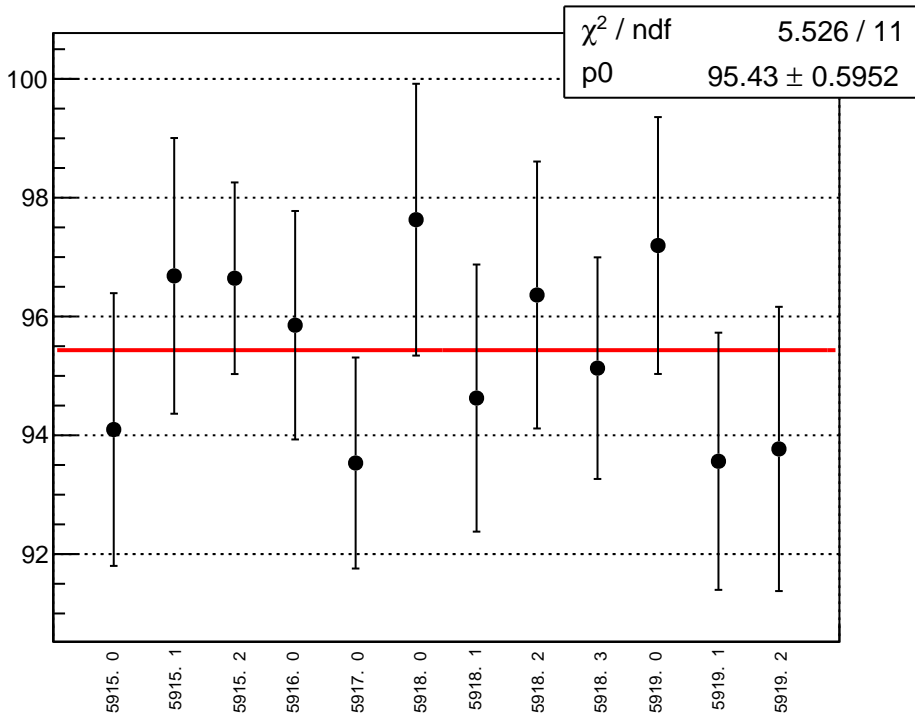
reg\_asym\_atl\_dd\_atr\_dd\_avg\_diff\_bpm4eX\_slope vs run



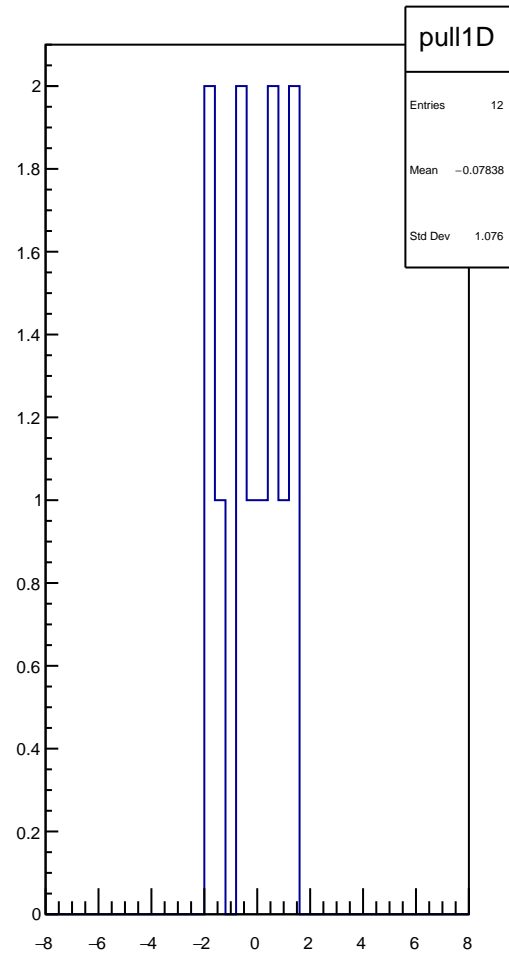
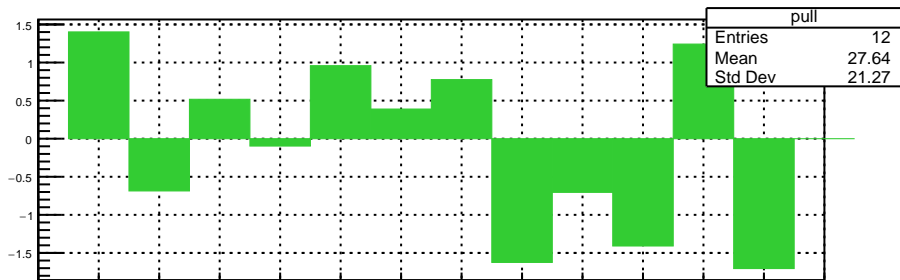
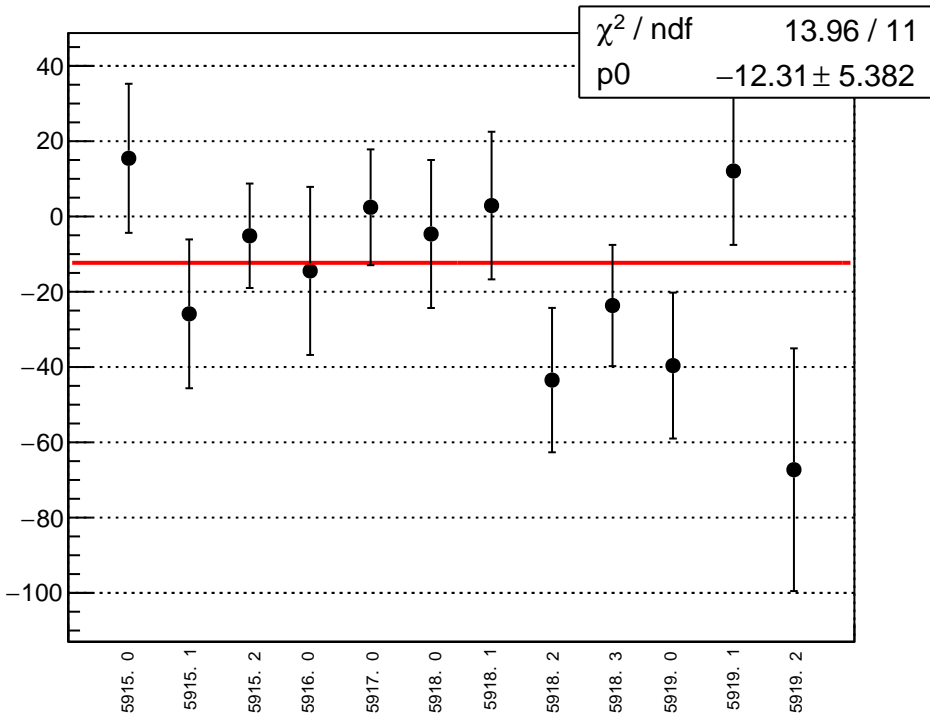
reg\_asym\_atl\_dd\_atr\_dd\_avg\_diff\_bpm4eY\_slope vs run



reg\_asym\_atl\_dd\_atr\_dd\_avg\_diff\_bpm12X\_slope vs run

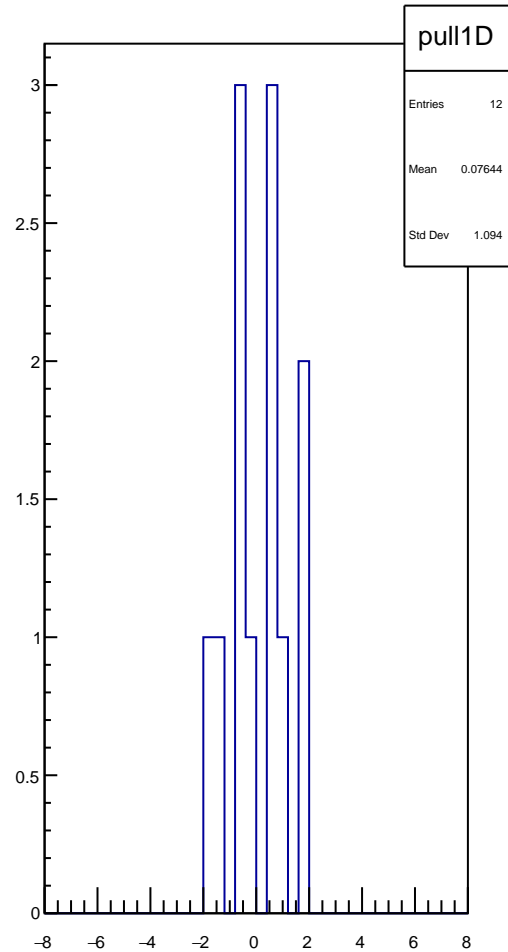
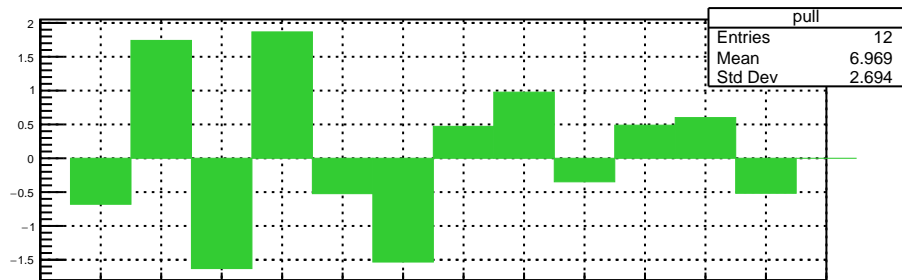
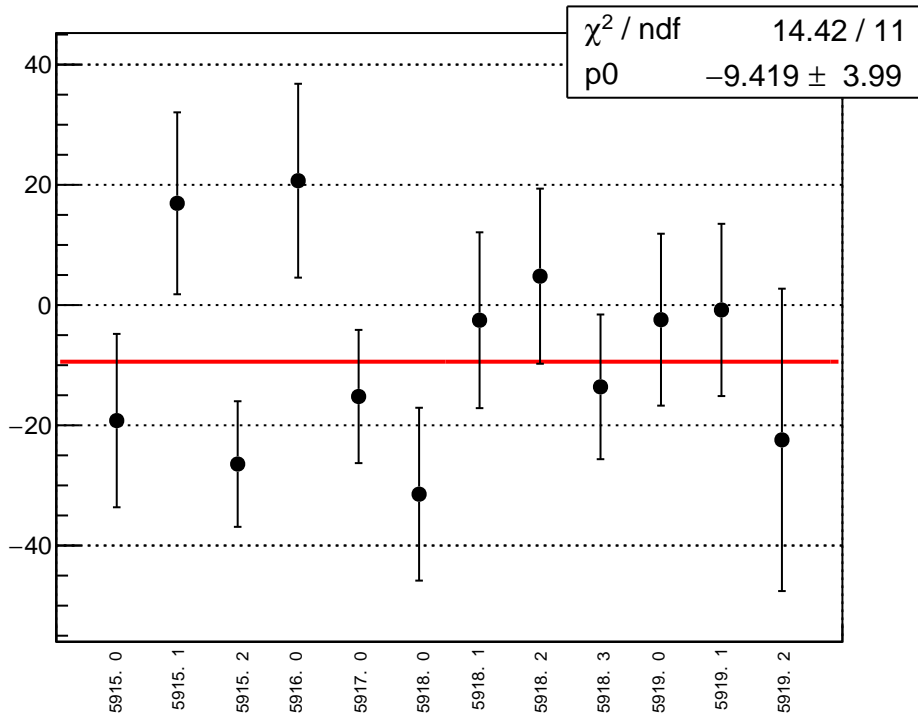


reg\_asym\_atl\_dd\_atr\_dd\_dd\_diff\_bpm4aX\_slope vs run

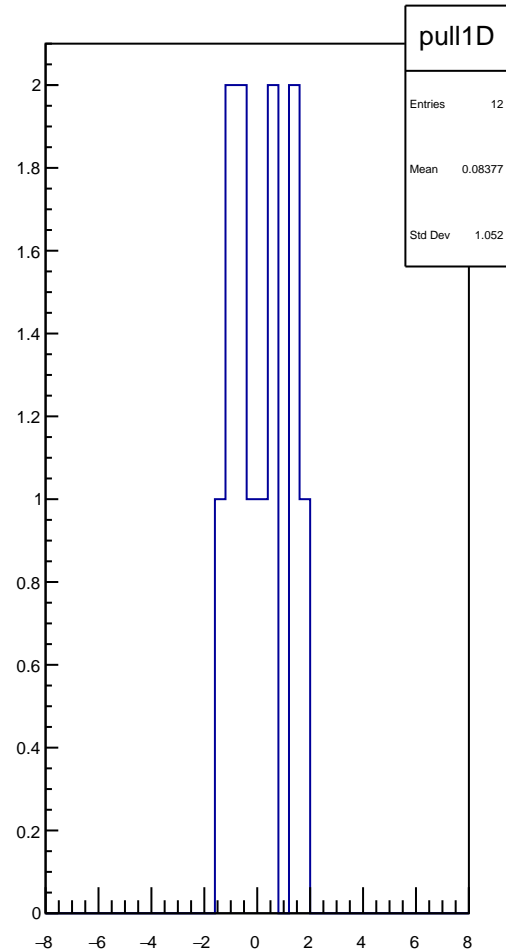
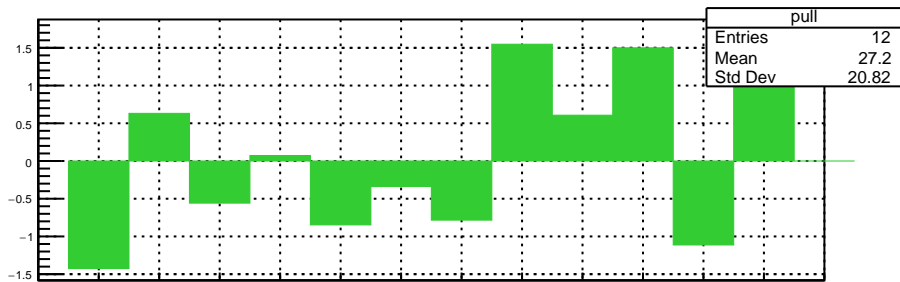
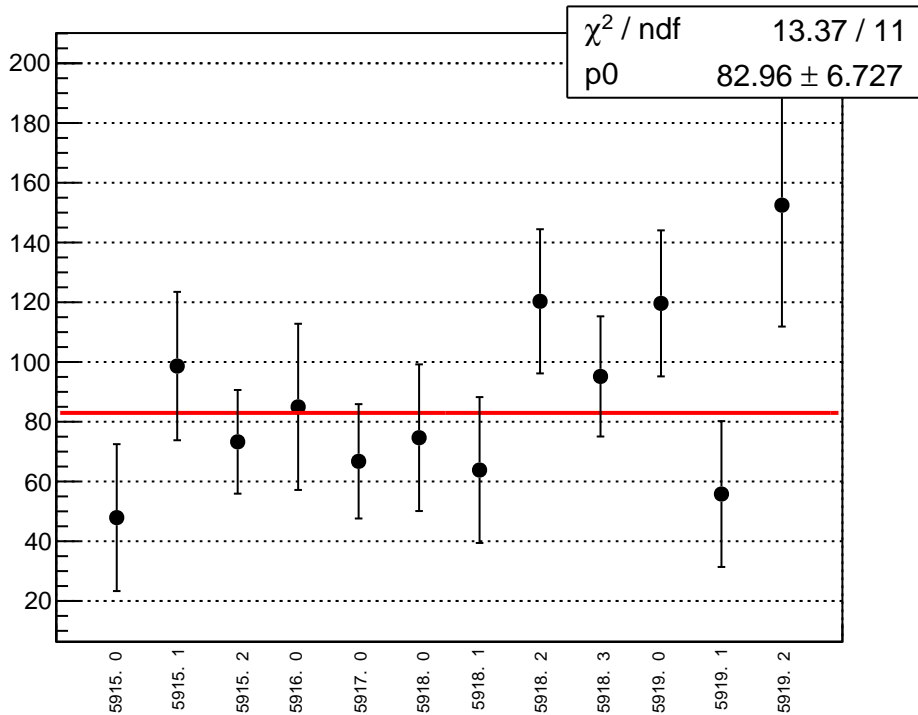




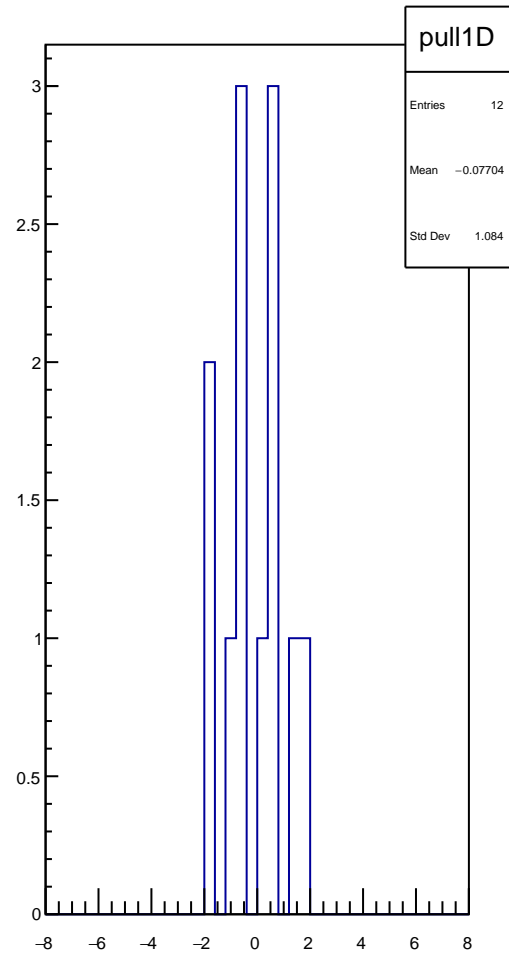
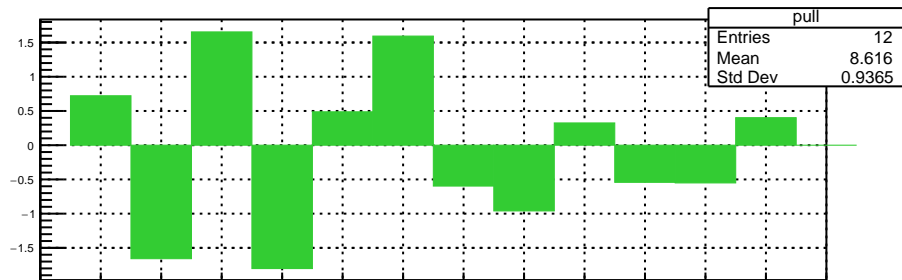
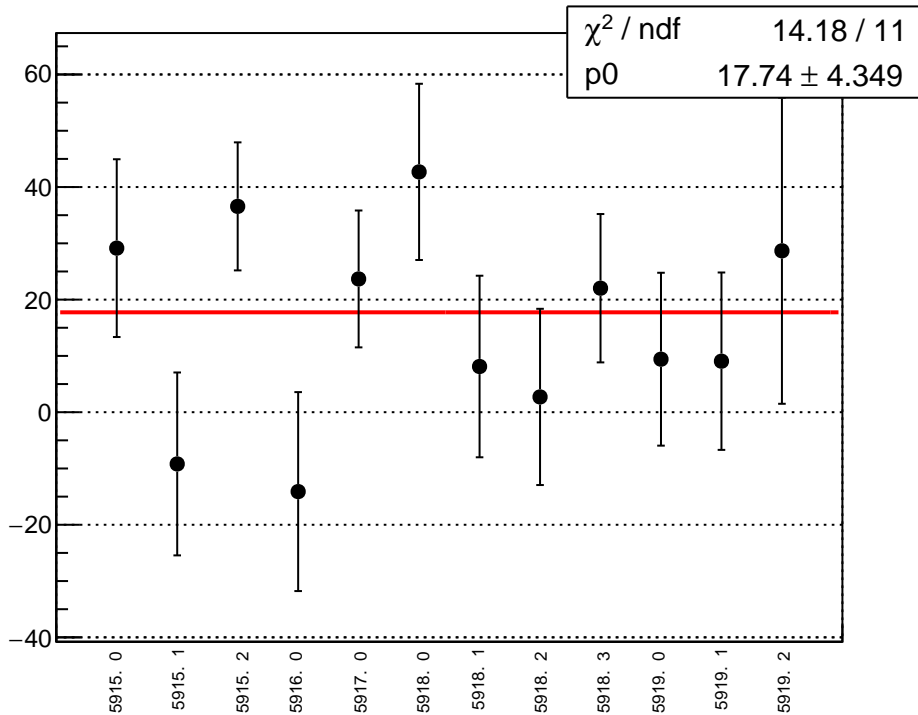
reg\_asym\_atl\_dd\_atr\_dd\_dd\_diff\_bpm4aY\_slope vs run



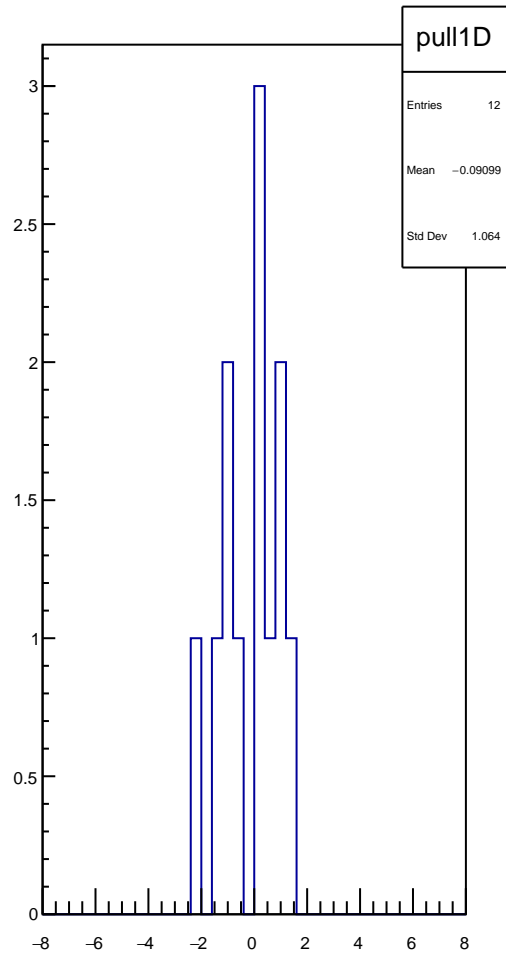
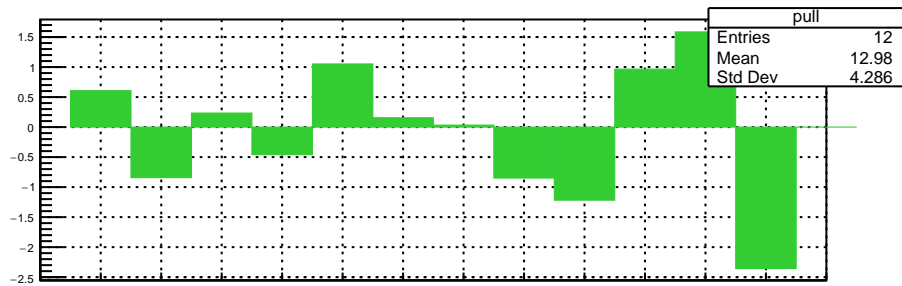
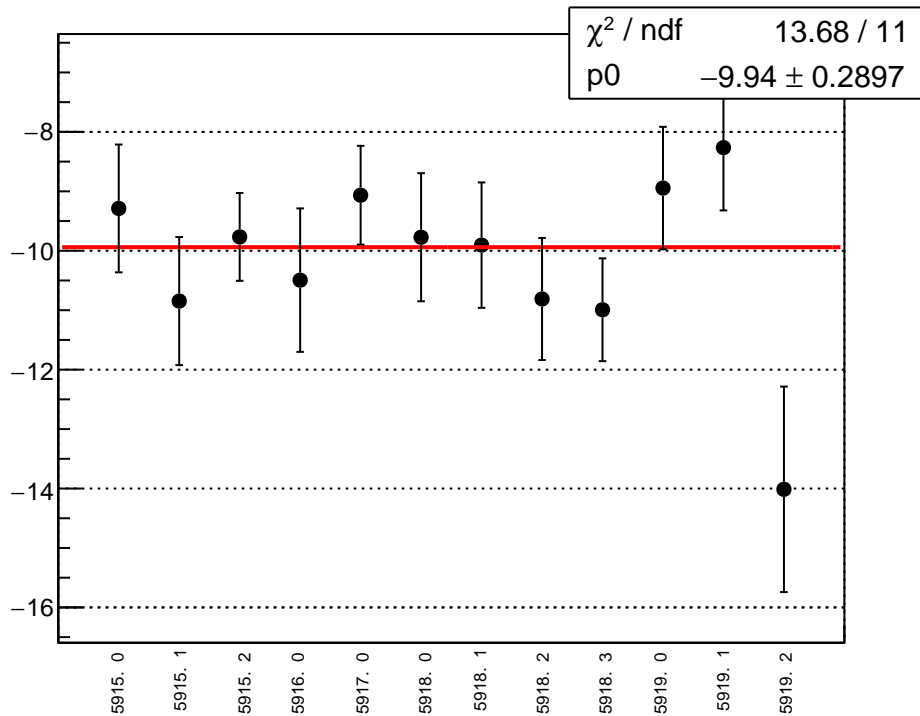
reg\_asym\_atl\_dd\_atr\_dd\_dd\_diff\_bpm4eX\_slope vs run



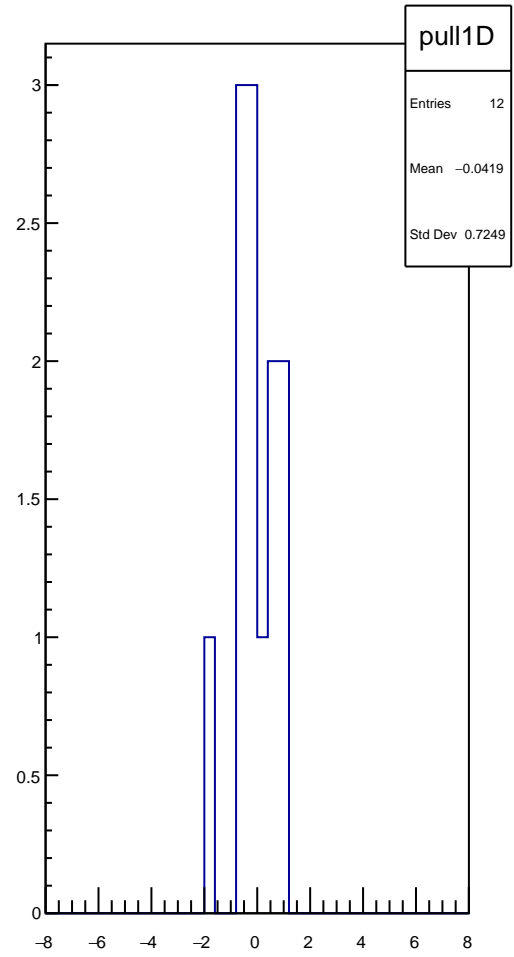
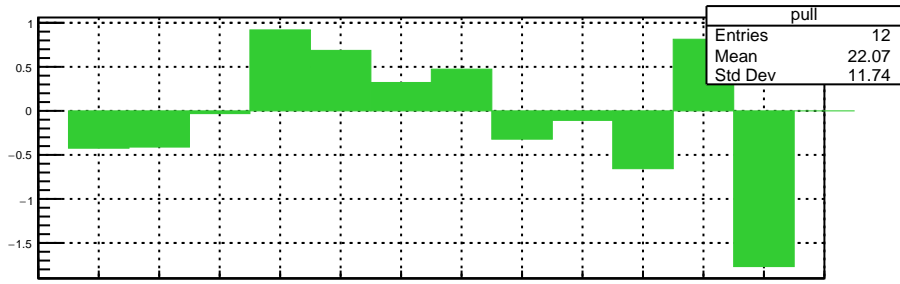
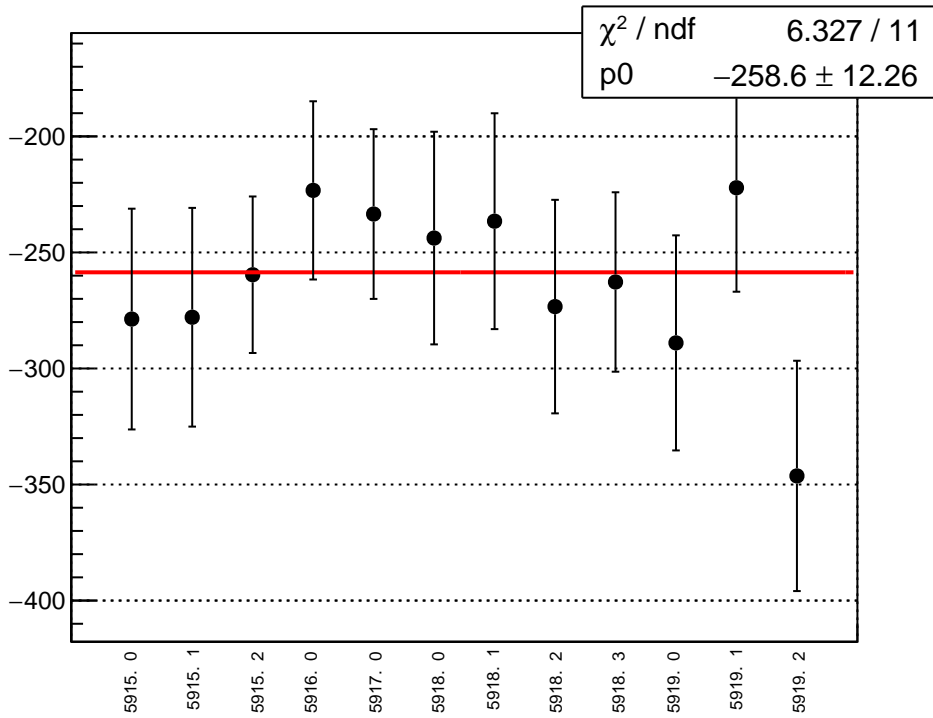
reg\_asym\_atl\_dd\_atr\_dd\_dd\_diff\_bpm4eY\_slope vs run



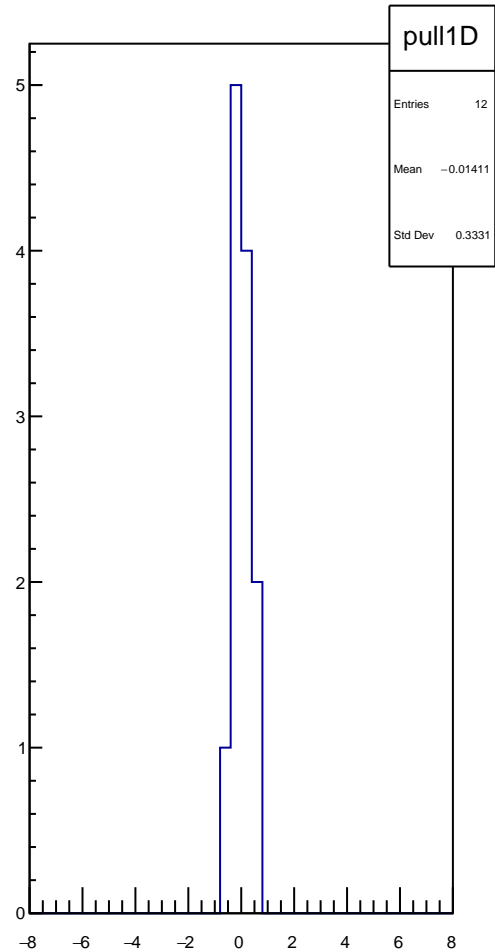
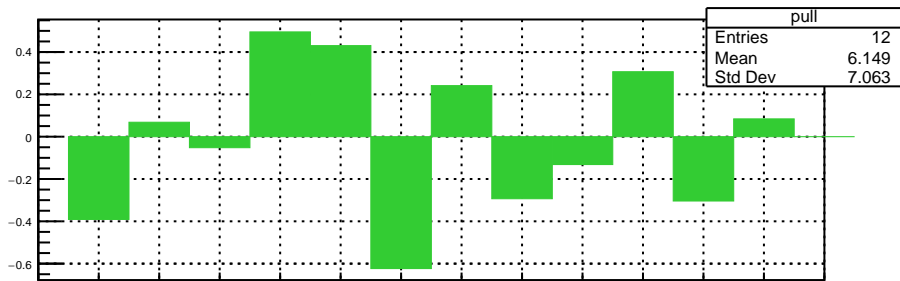
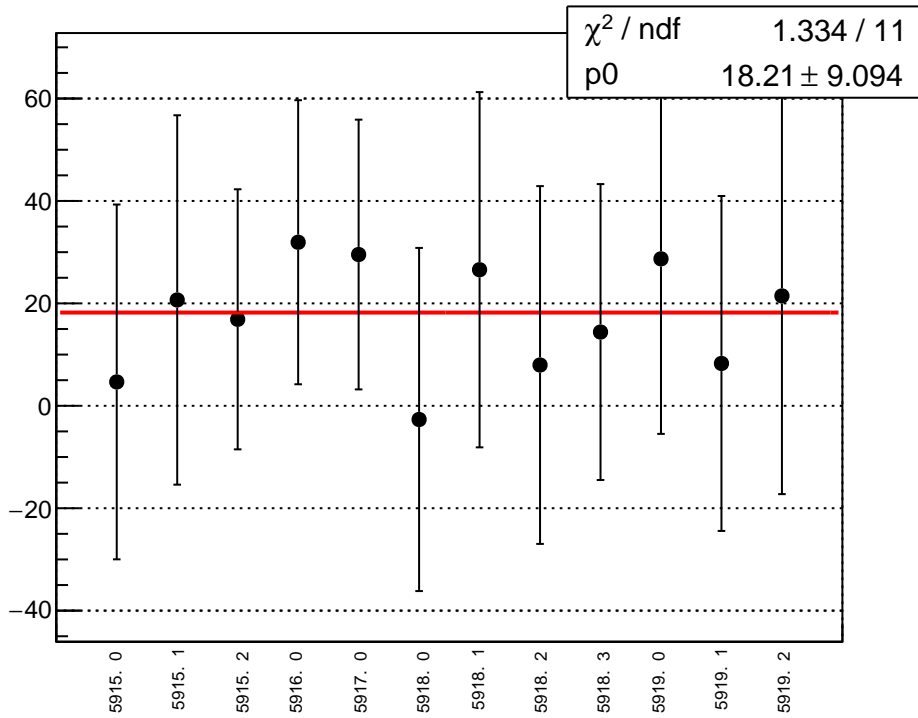
reg\_asym\_atl\_dd\_atr\_dd\_dd\_diff\_bpm12X\_slope vs run



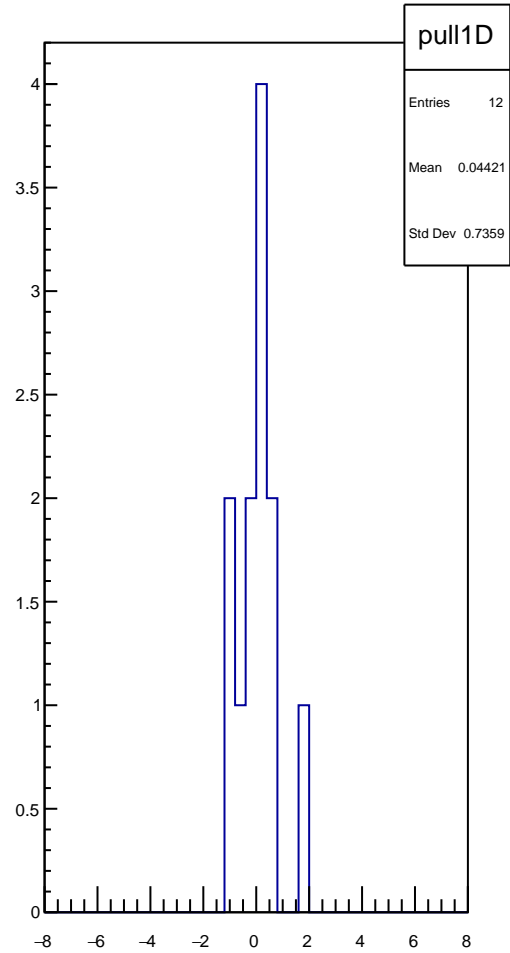
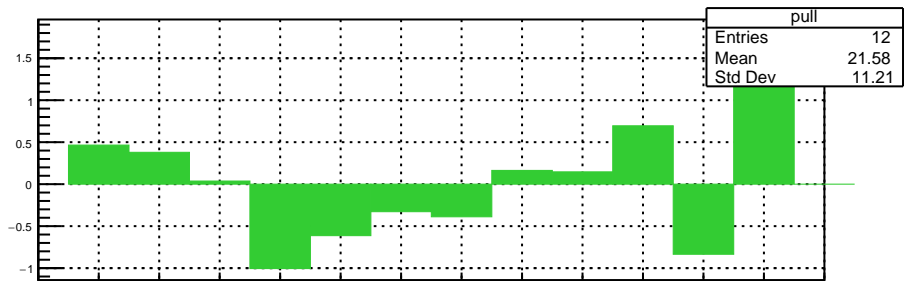
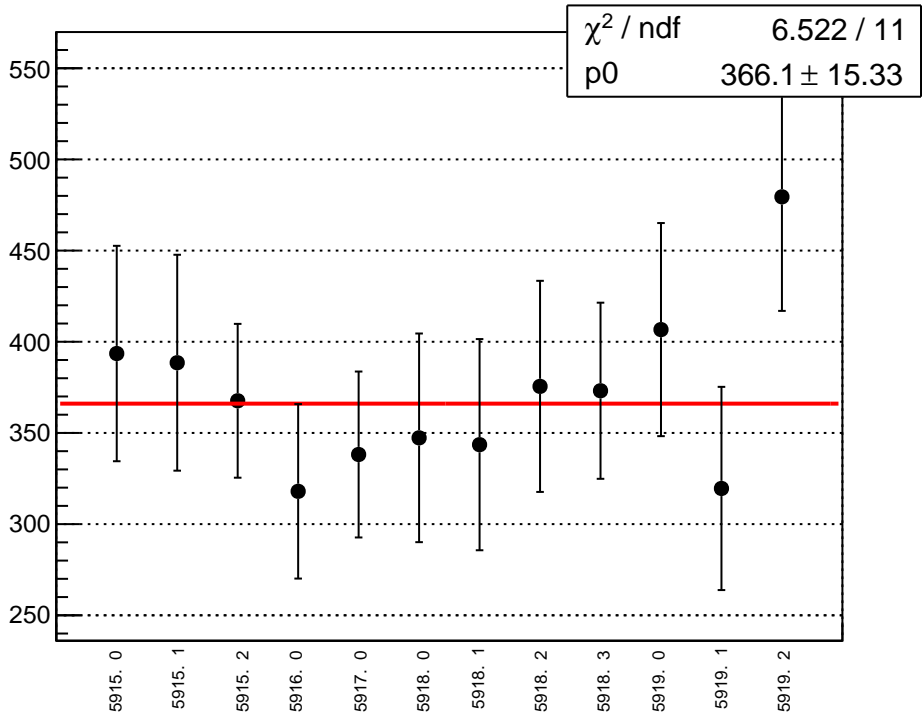
reg\_asym\_atl\_avg\_atr\_avg\_avg\_diff\_bpm4aX\_slope vs run



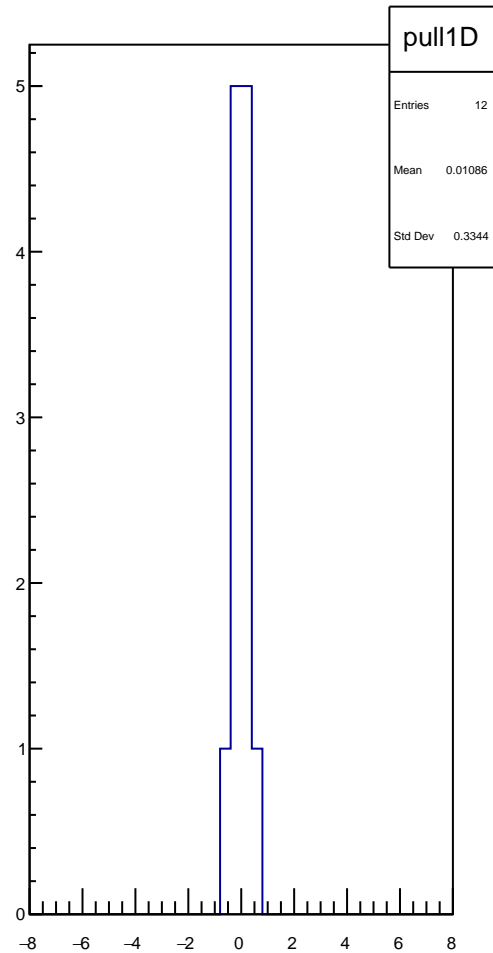
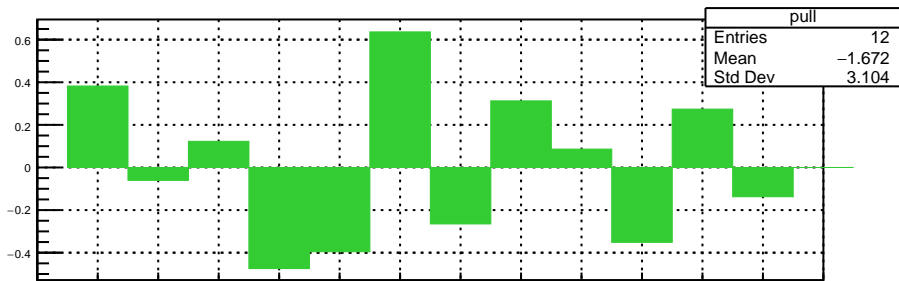
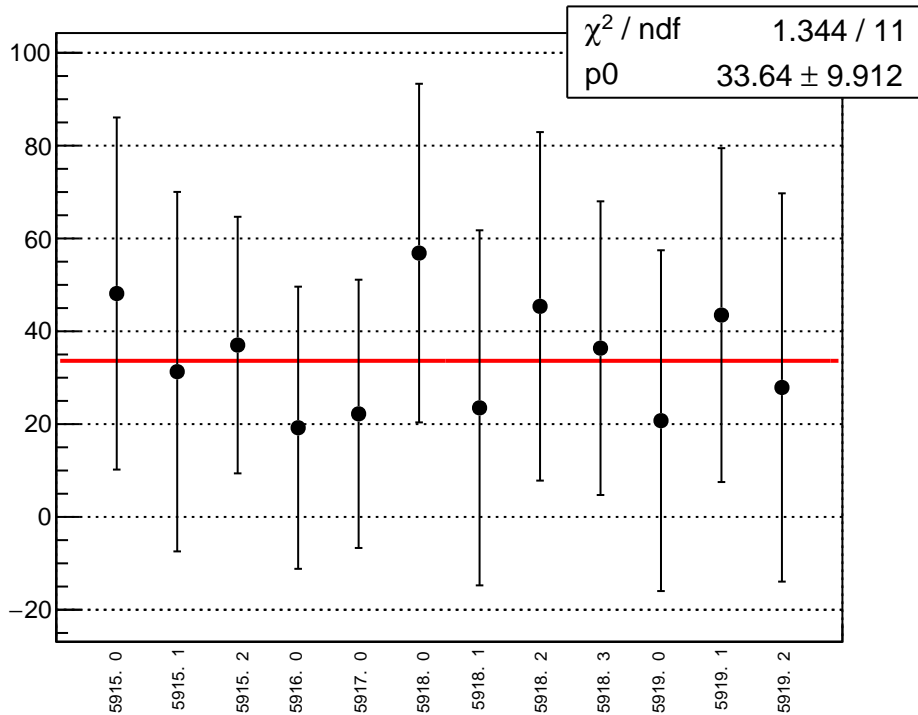
reg\_asym\_atl\_avg\_atr\_avg\_avg\_diff\_bpm4aY\_slope vs run



reg\_asym\_atl\_avg\_atr\_avg\_avg\_diff\_bpm4eX\_slope vs run

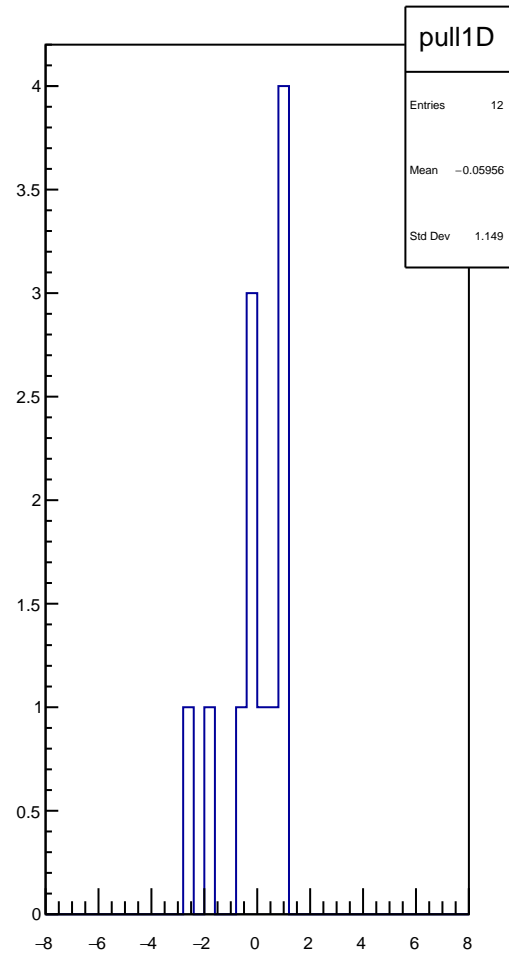
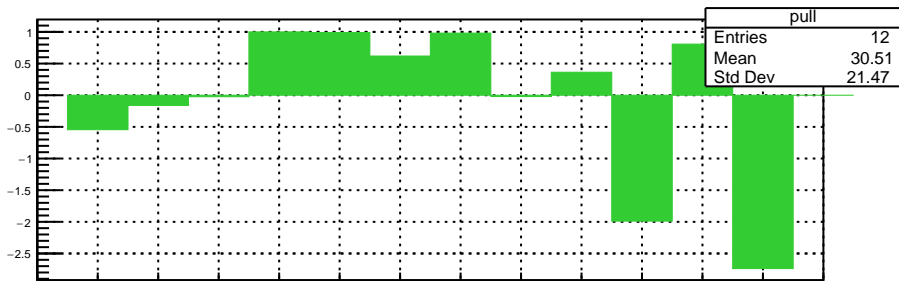
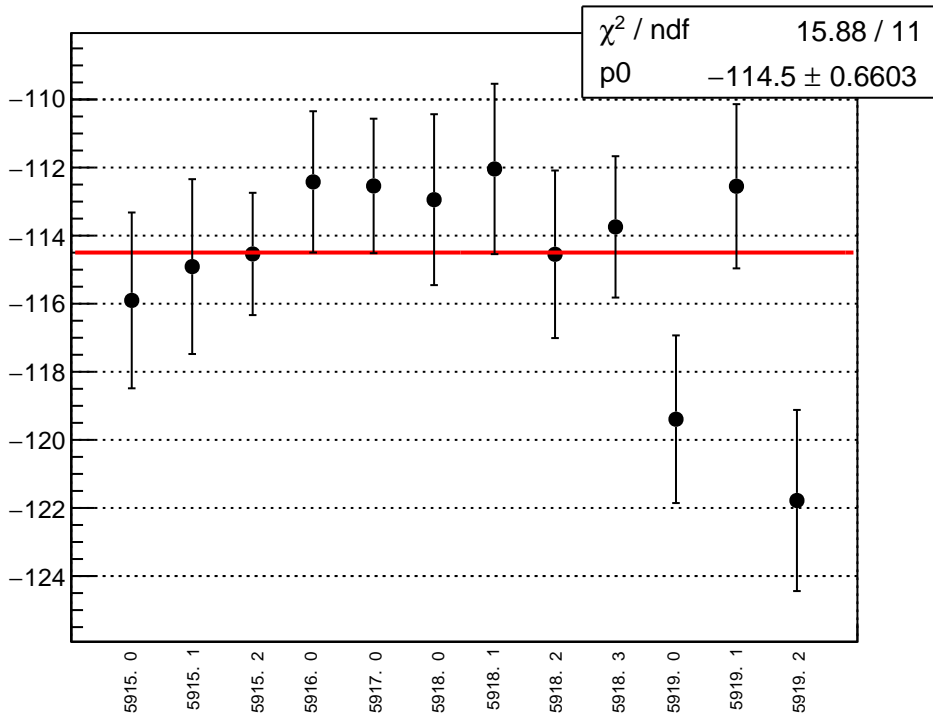


reg\_asym\_atl\_avg\_atr\_avg\_avg\_diff\_bpm4eY\_slope vs run

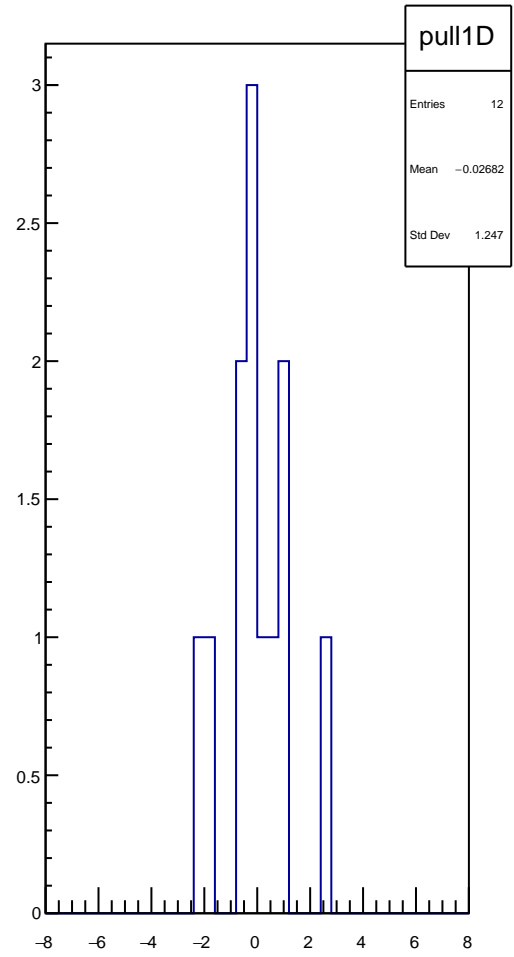
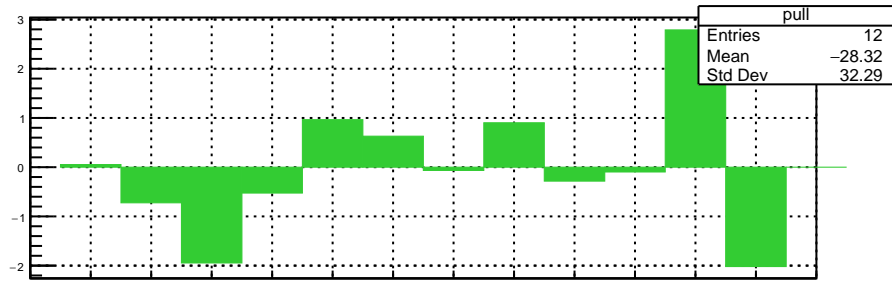
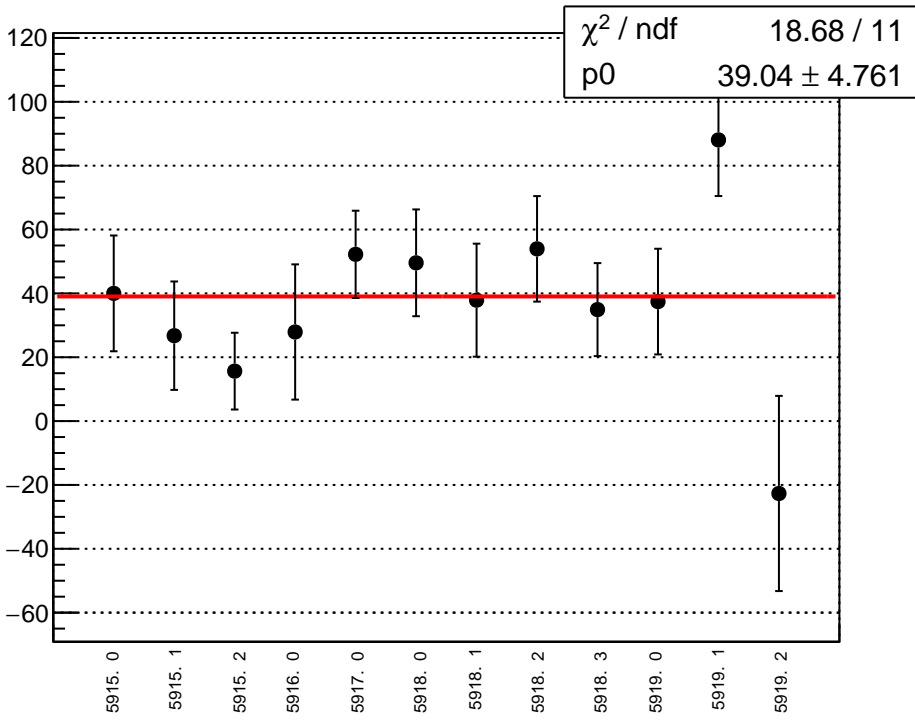




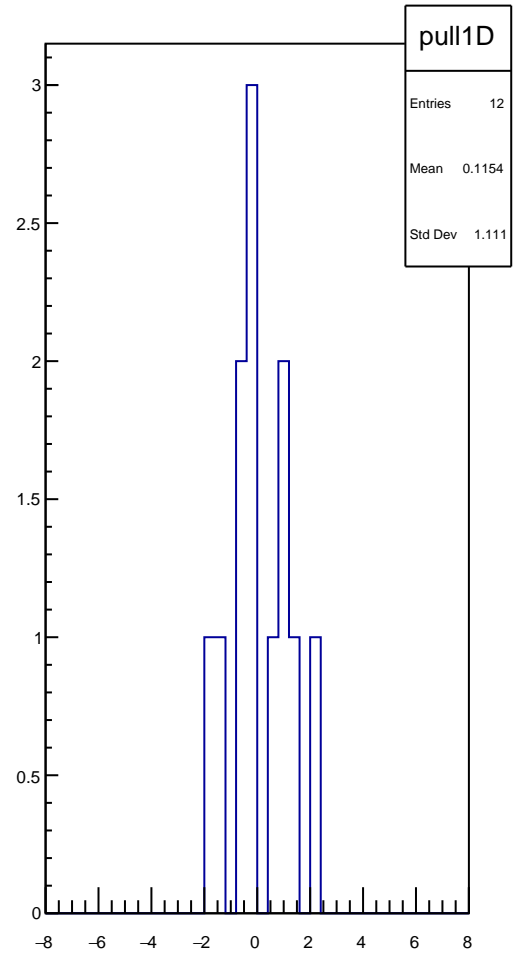
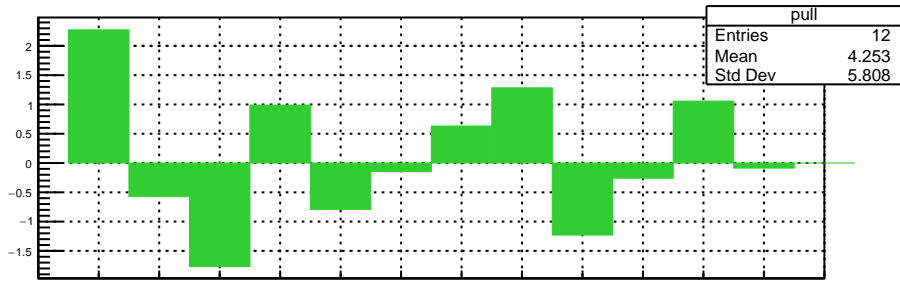
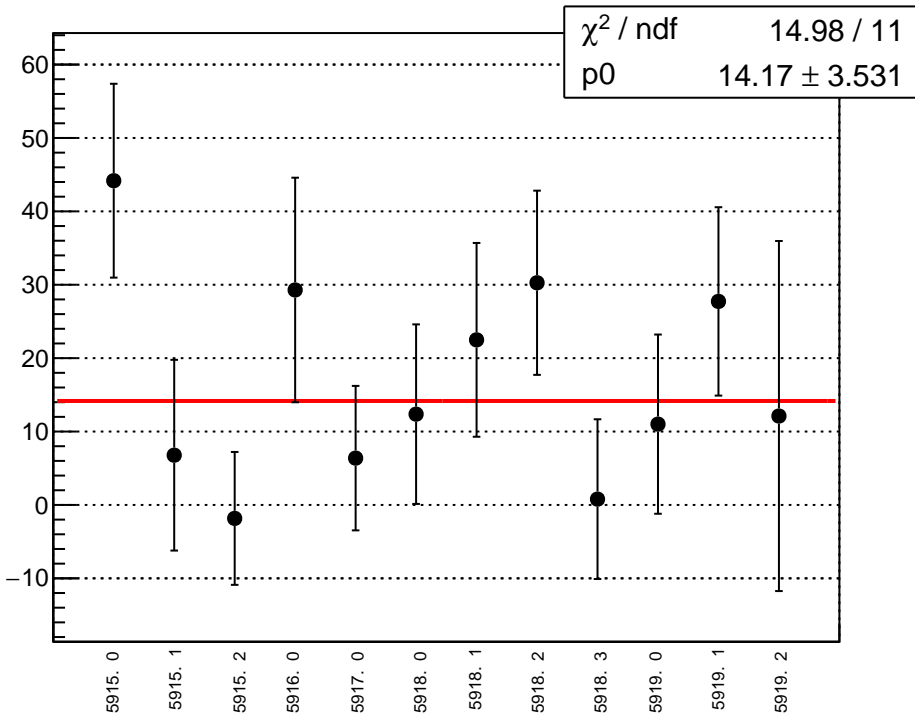
reg\_asym\_atl\_avg\_atr\_avg\_avg\_diff\_bpm12X\_slope vs run



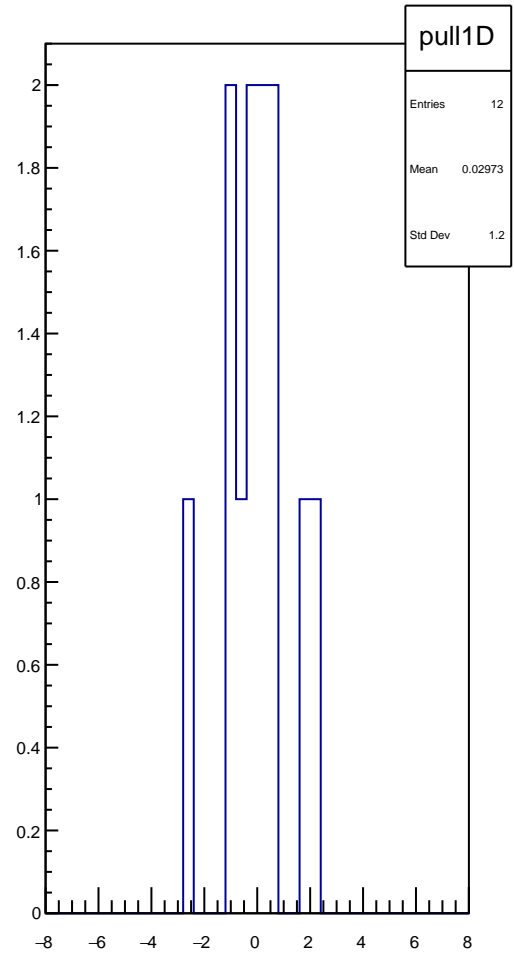
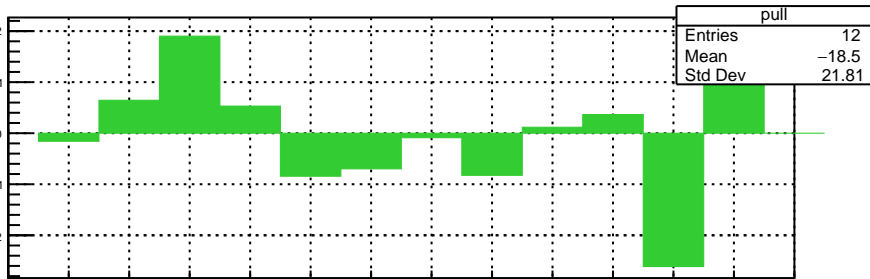
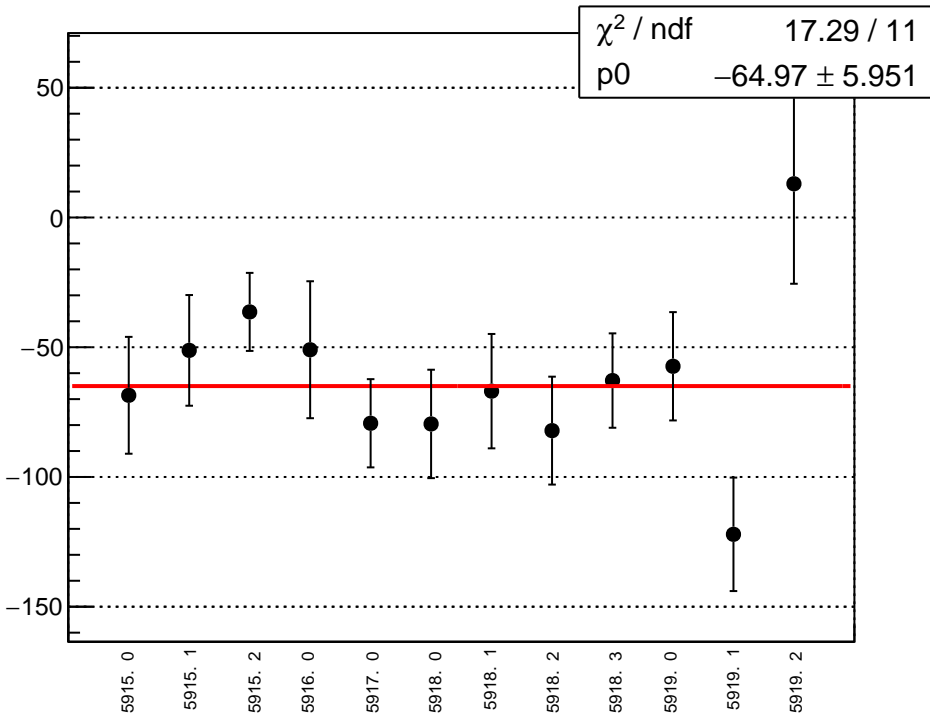
reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm4aX\_slope vs run



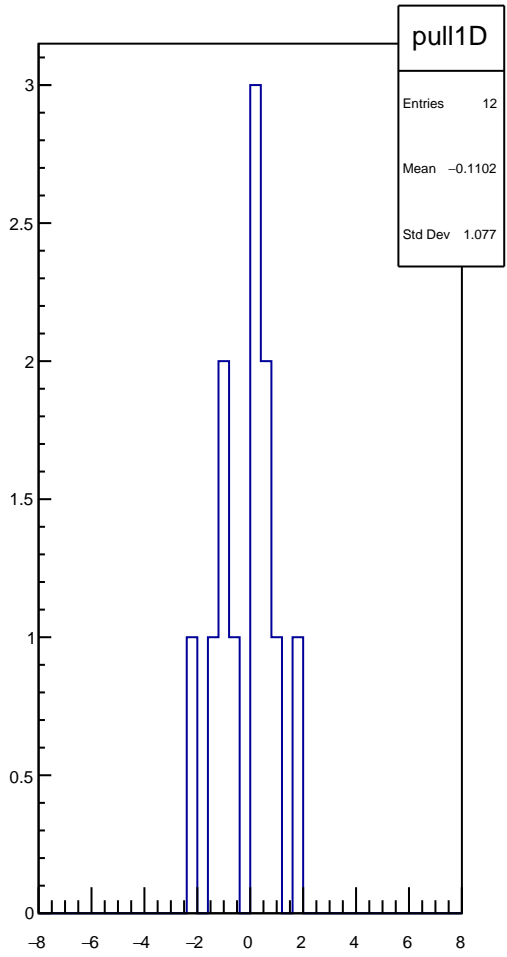
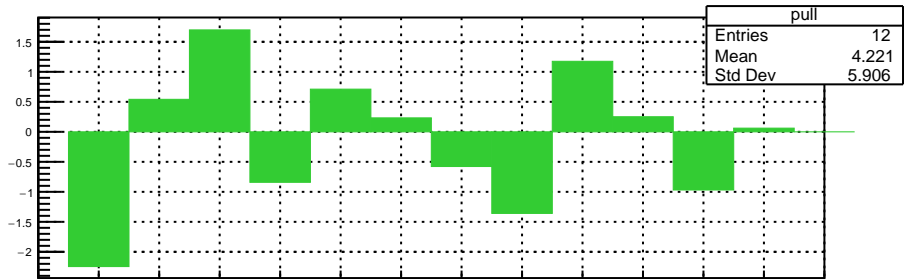
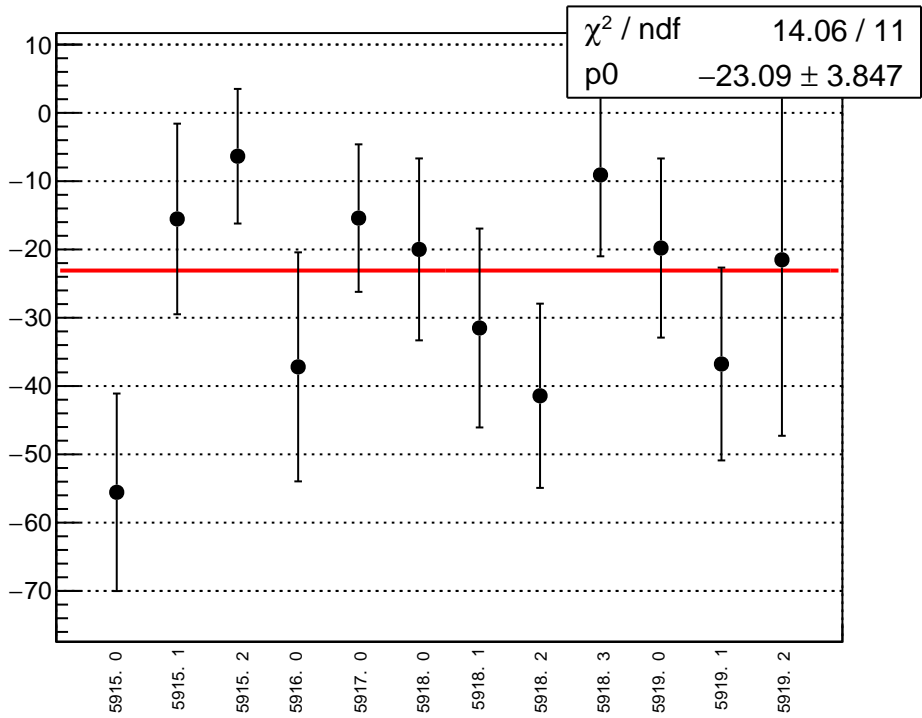
reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm4aY\_slope vs run



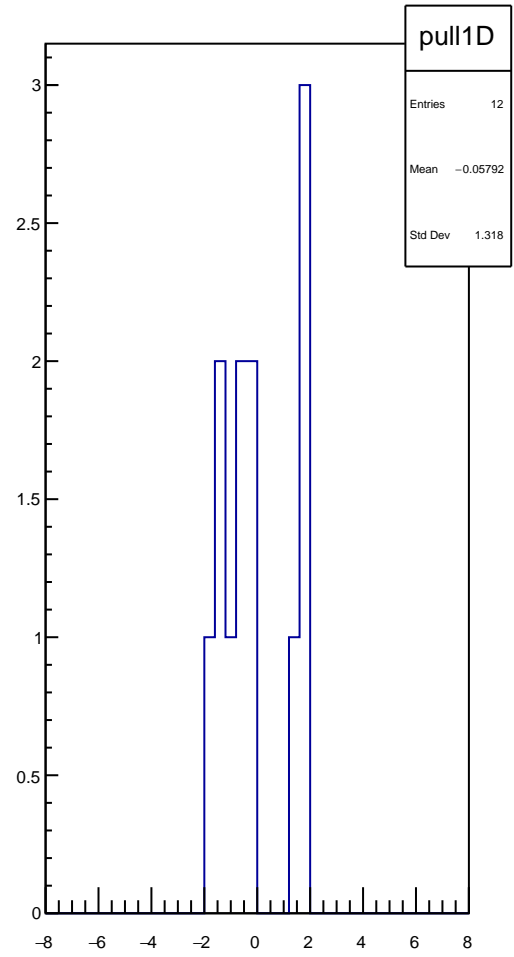
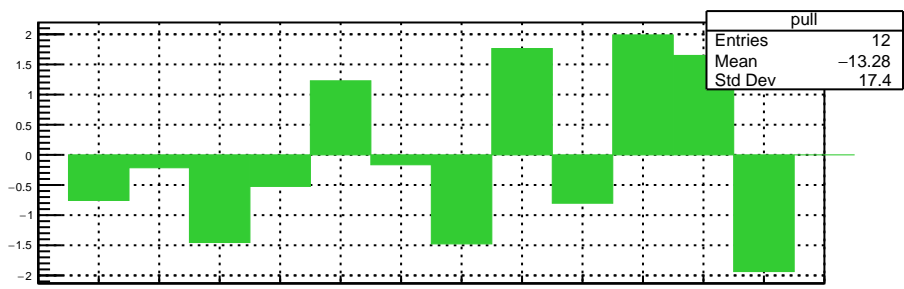
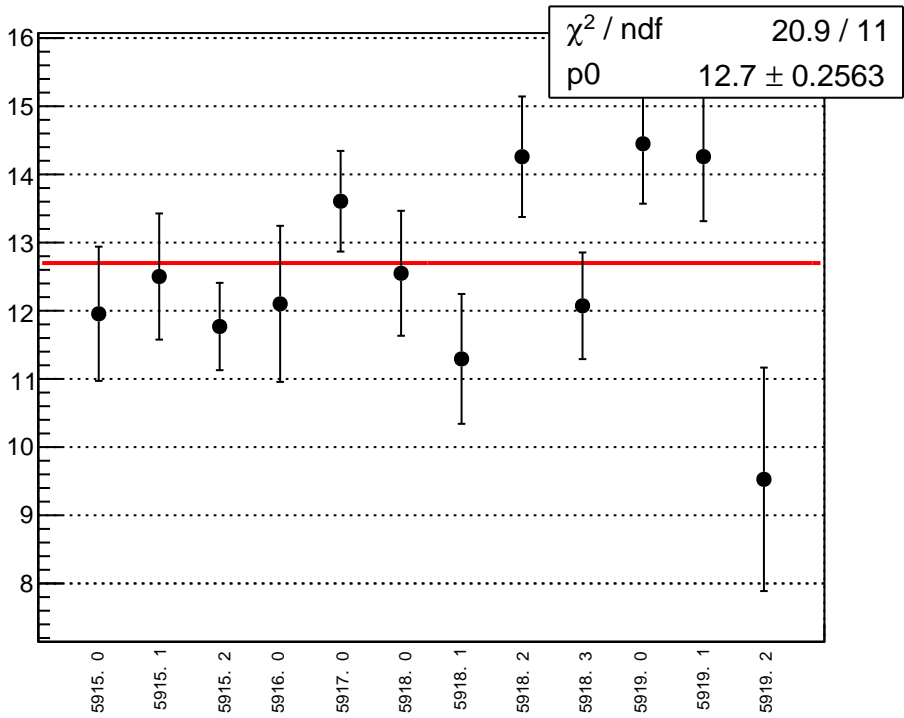
reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm4eX\_slope vs run



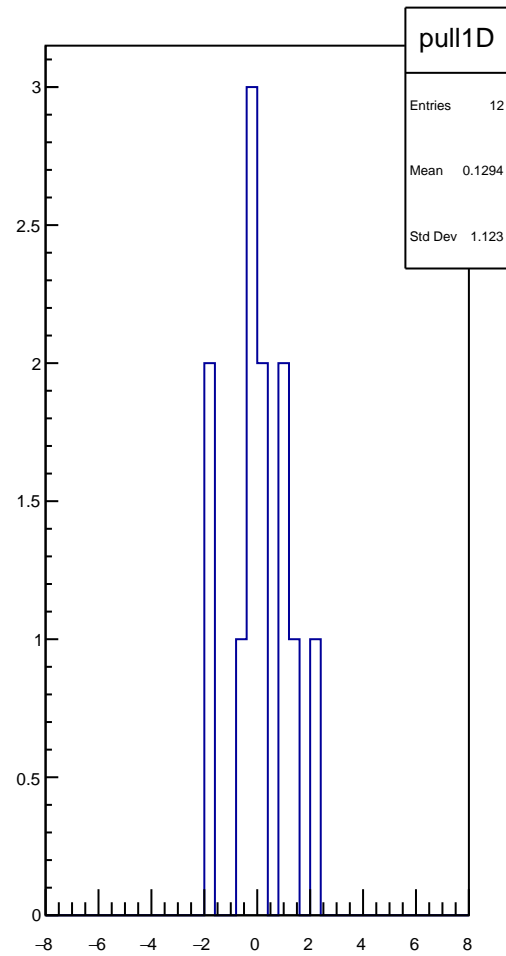
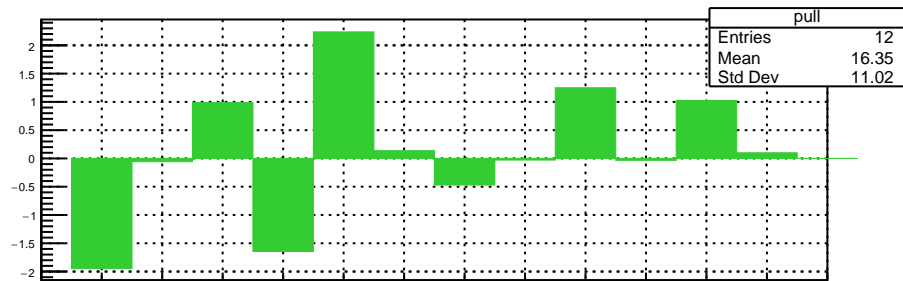
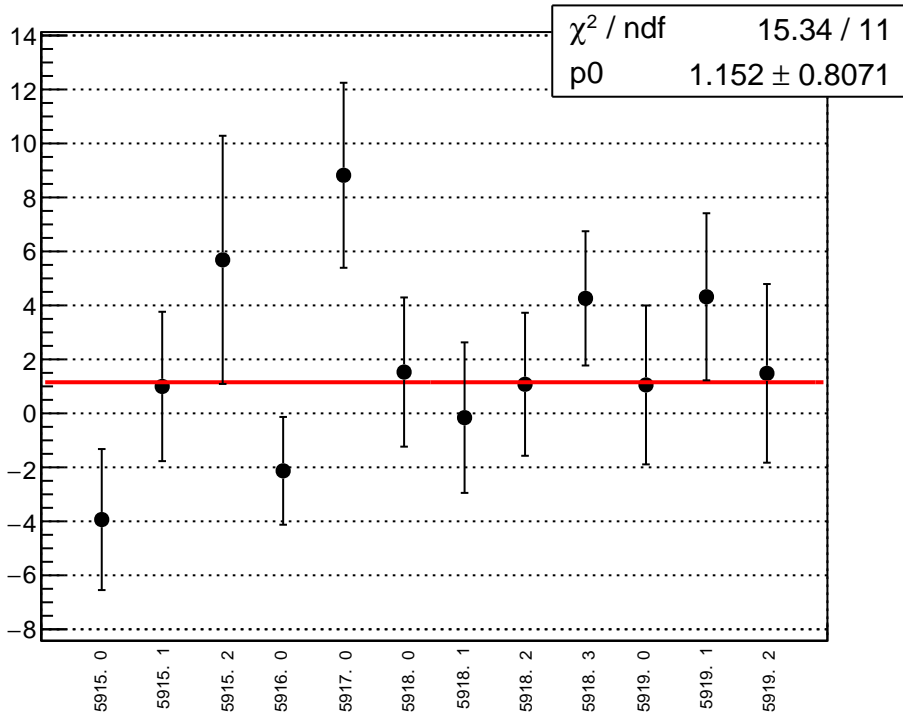
reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm4eY\_slope vs run



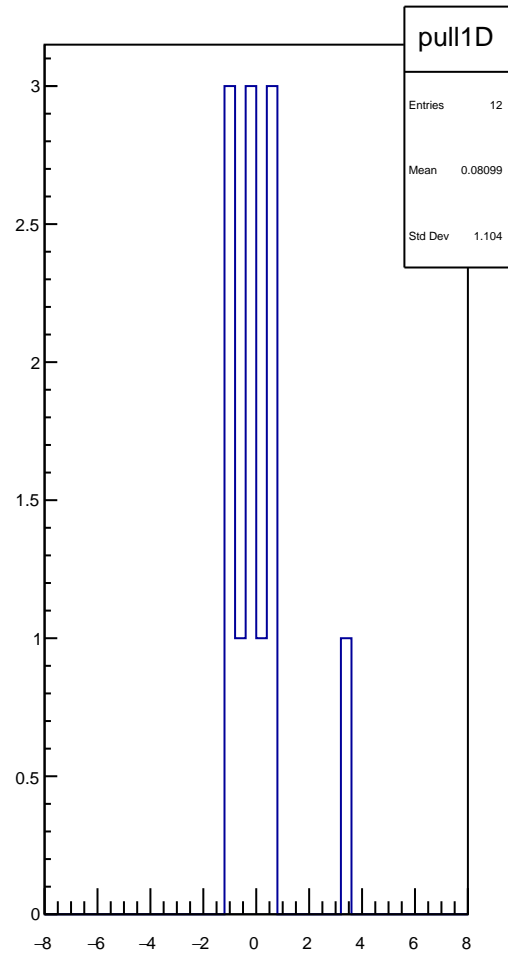
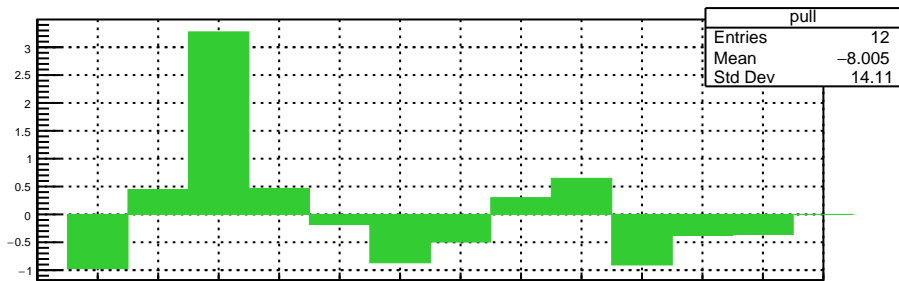
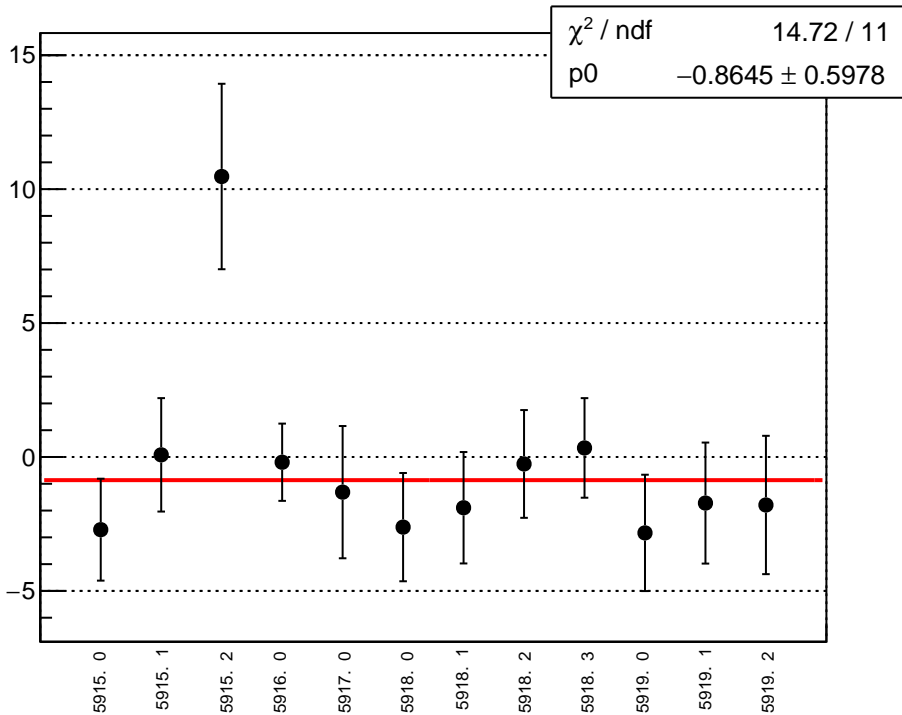
reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm12X\_slope vs run



reg\_asym\_bcm\_an\_ds3\_diff\_bpm4aX\_slope vs run

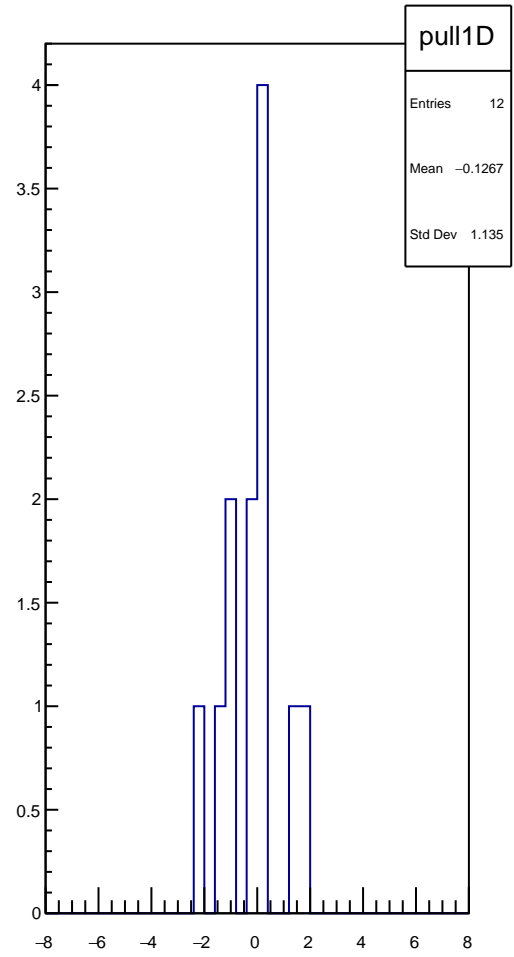
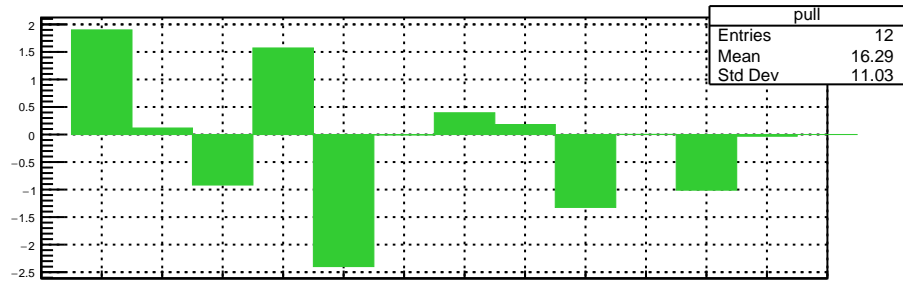
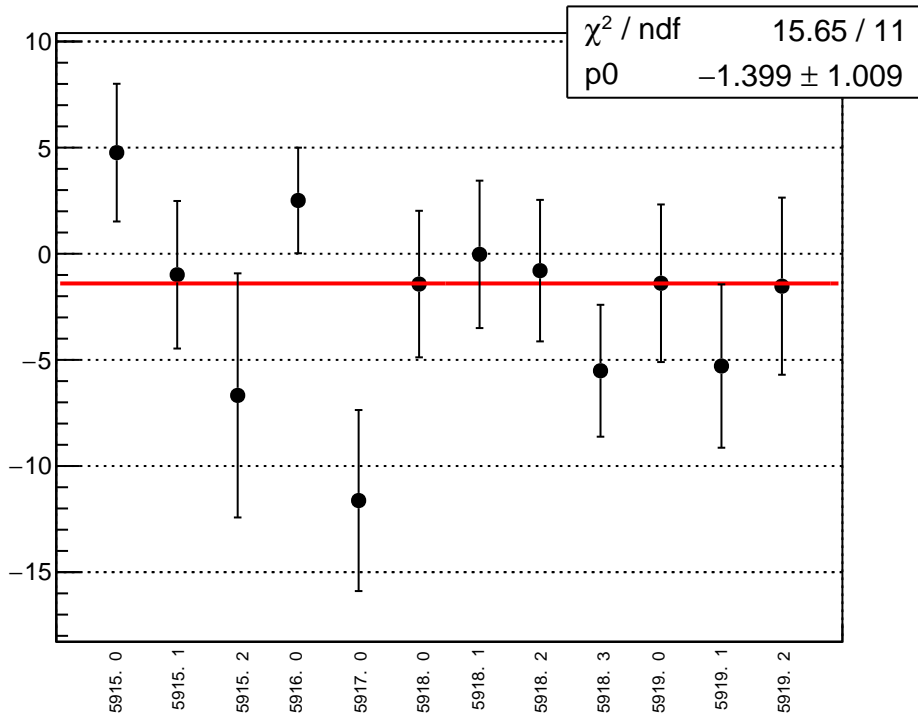


reg\_asym\_bcm\_an\_ds3\_diff\_bpm4aY\_slope vs run

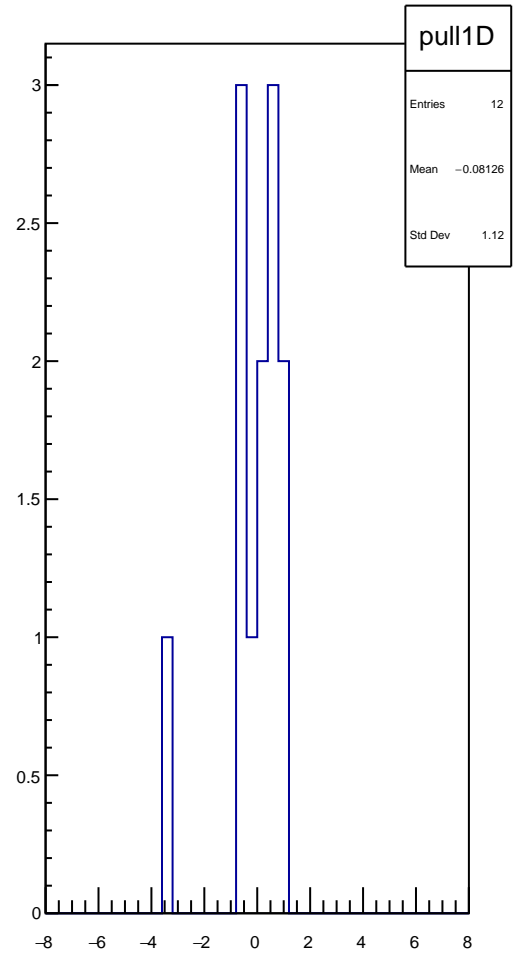
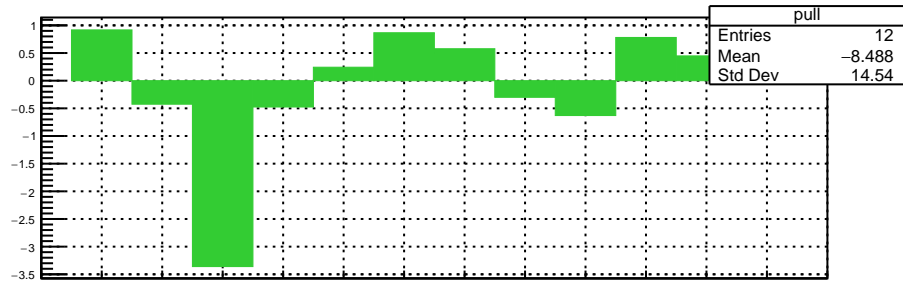
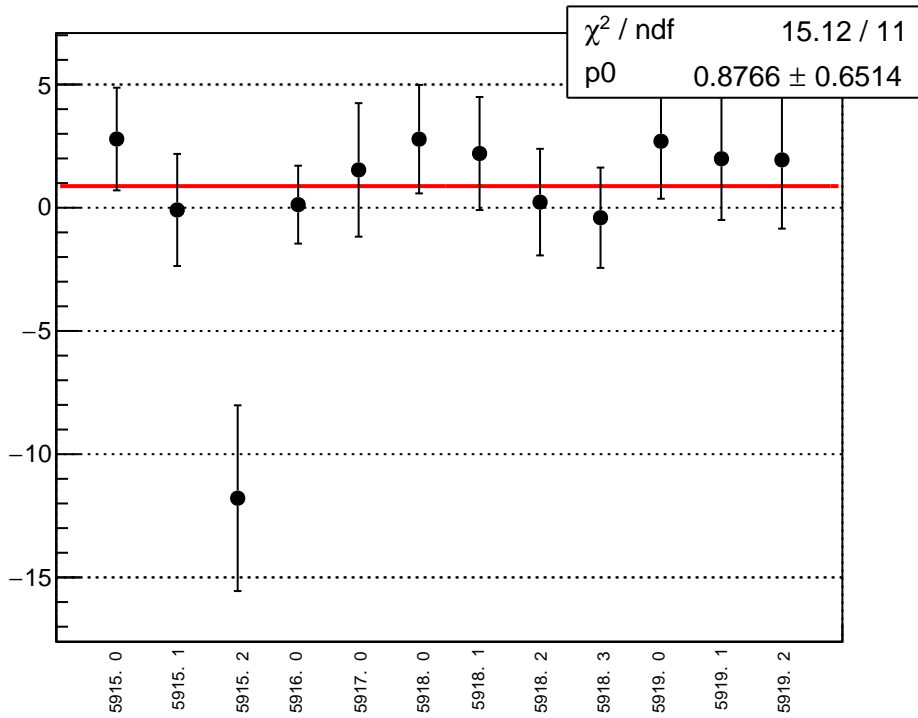




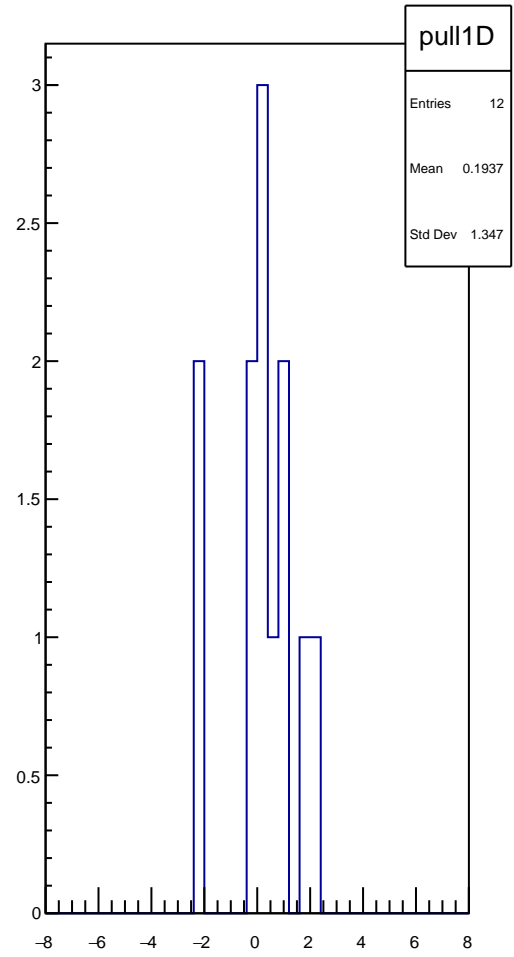
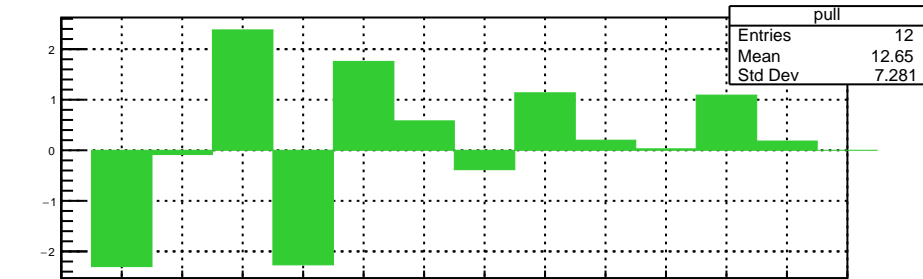
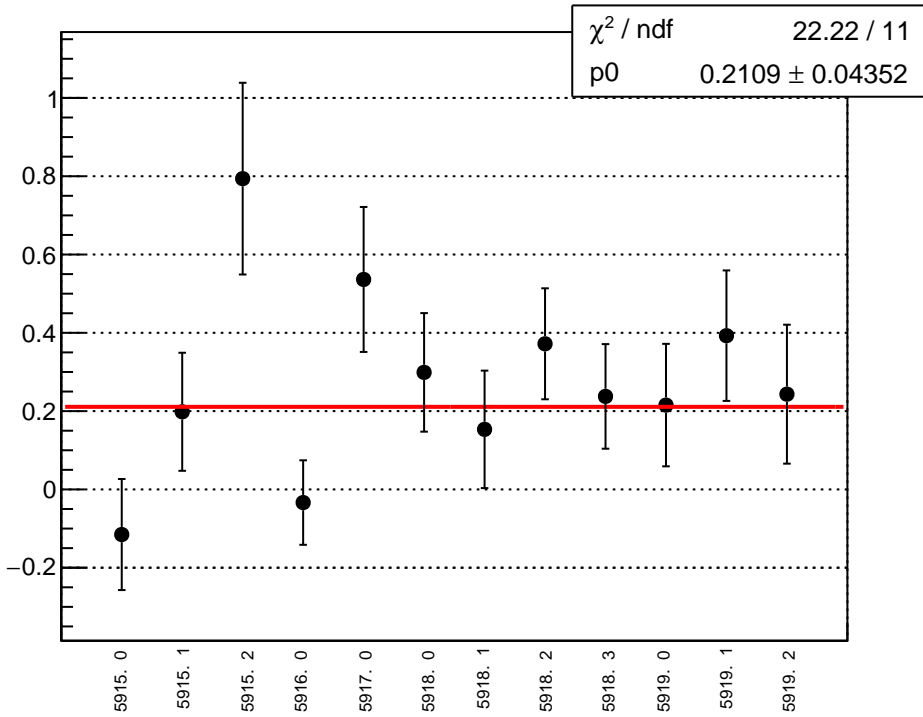
reg\_asym\_bcm\_an\_ds3\_diff\_bpm4eX\_slope vs run



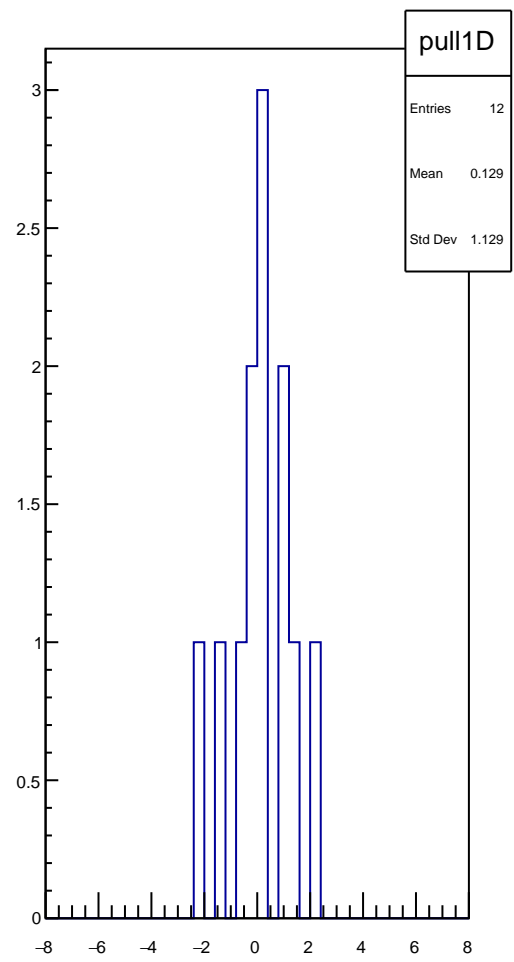
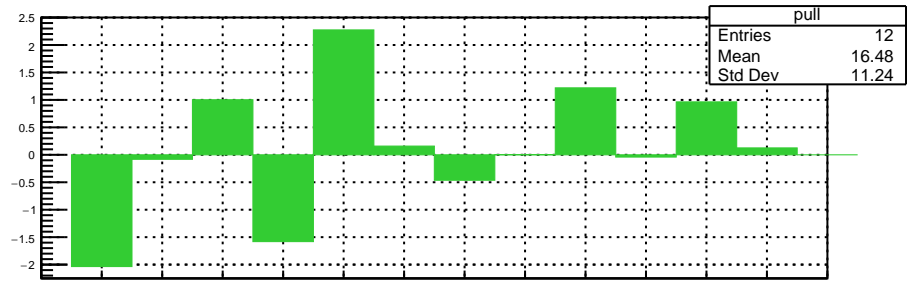
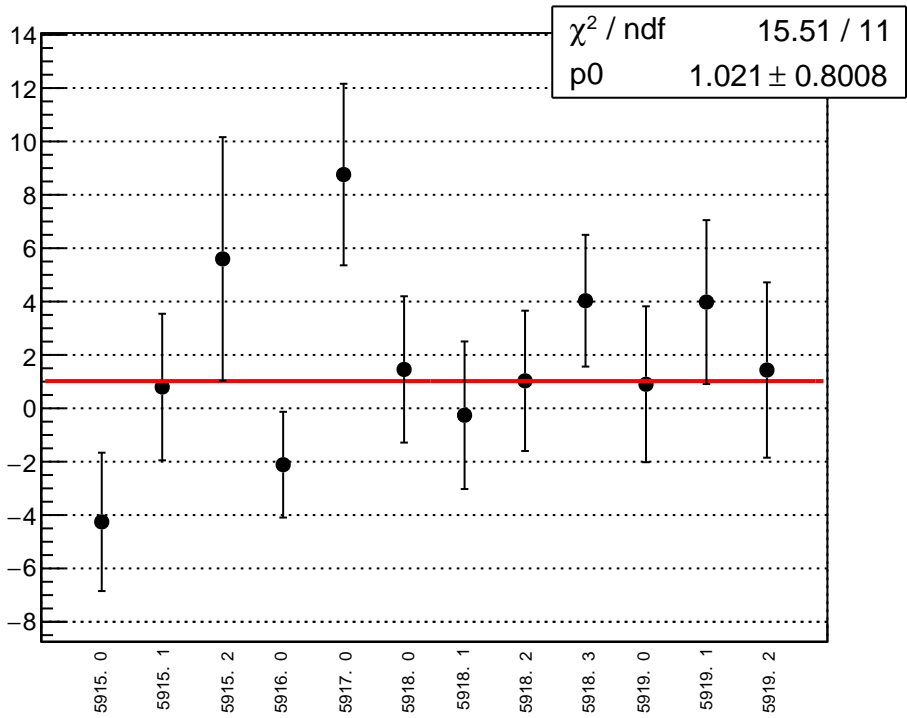
reg\_asym\_bcm\_an\_ds3\_diff\_bpm4eY\_slope vs run



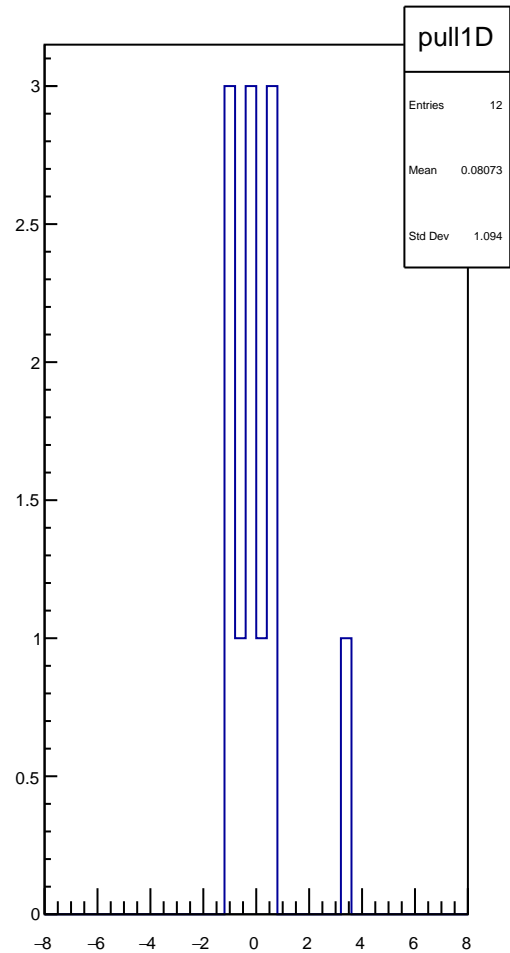
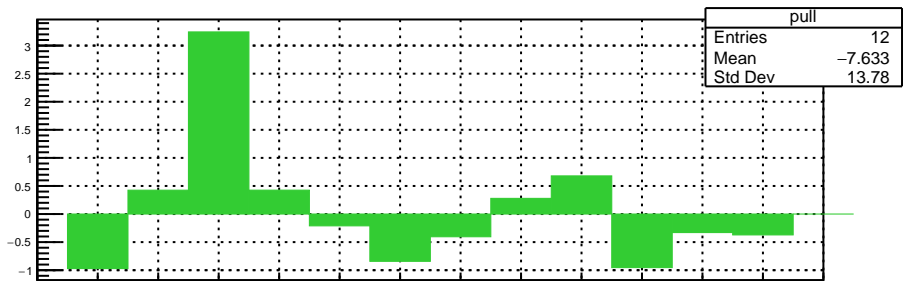
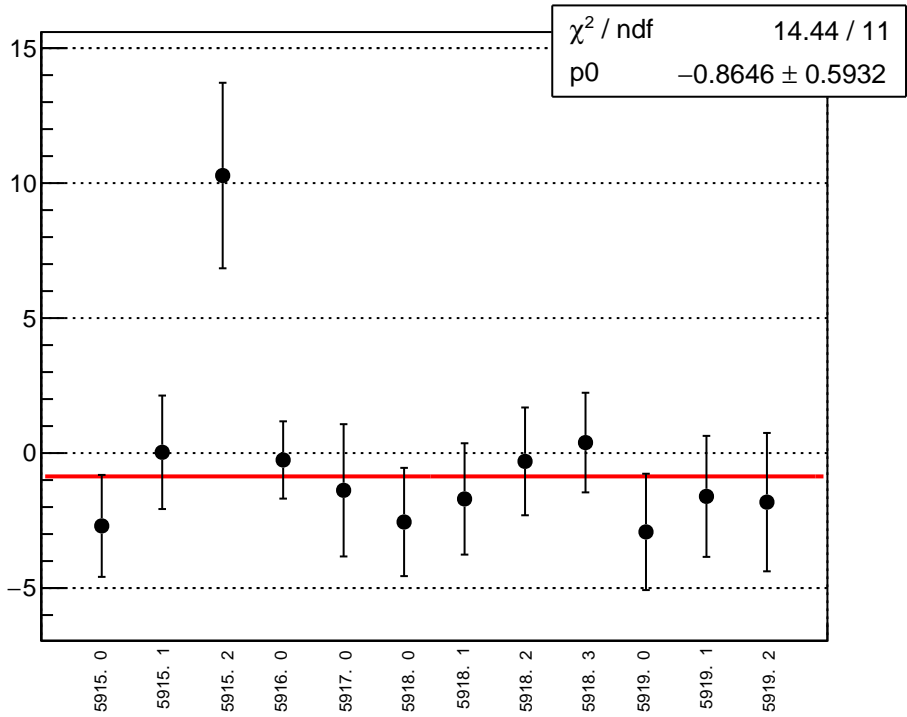
# reg\_asym\_bcm\_an\_ds3\_diff\_bpm12X\_slope vs run



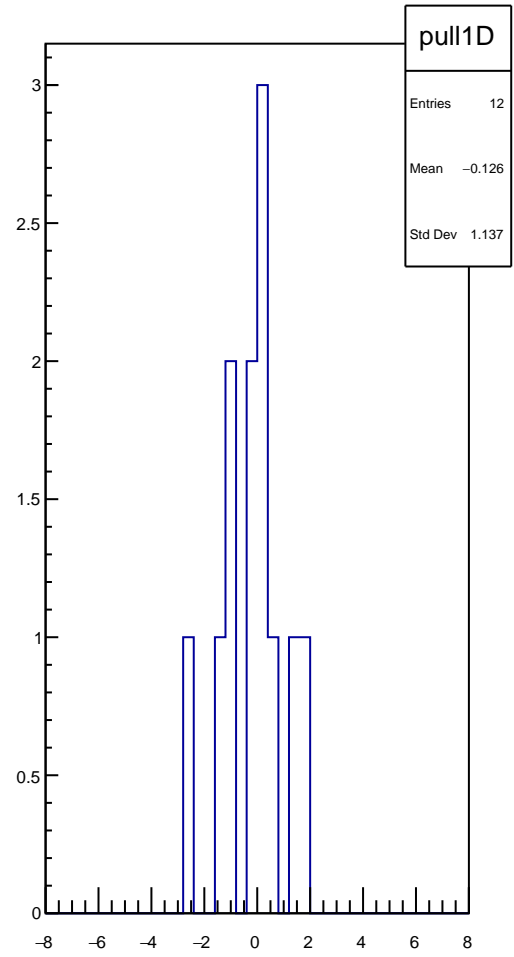
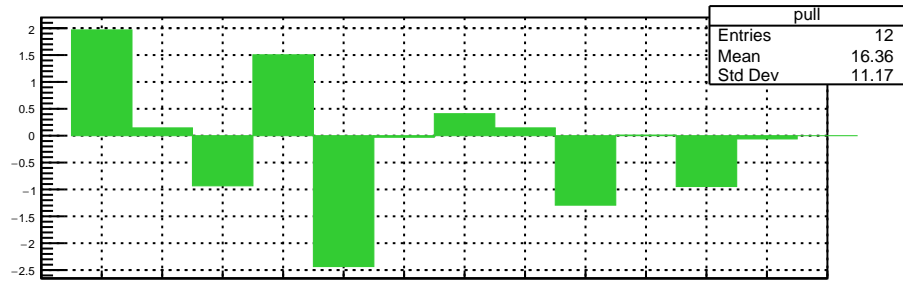
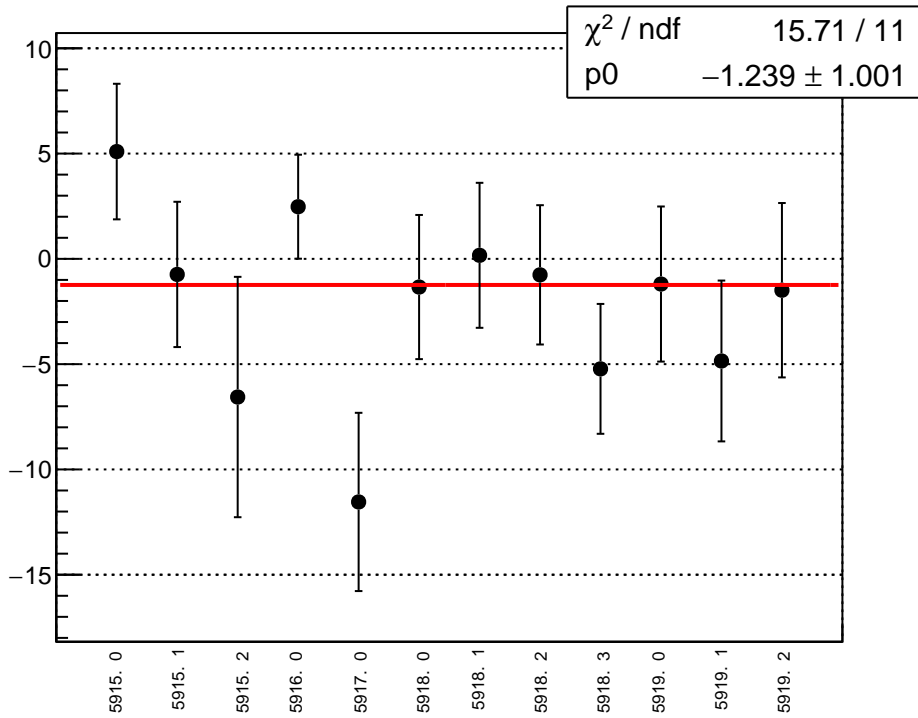
reg\_asym\_bcm\_an\_ds\_diff\_bpm4aX\_slope vs run



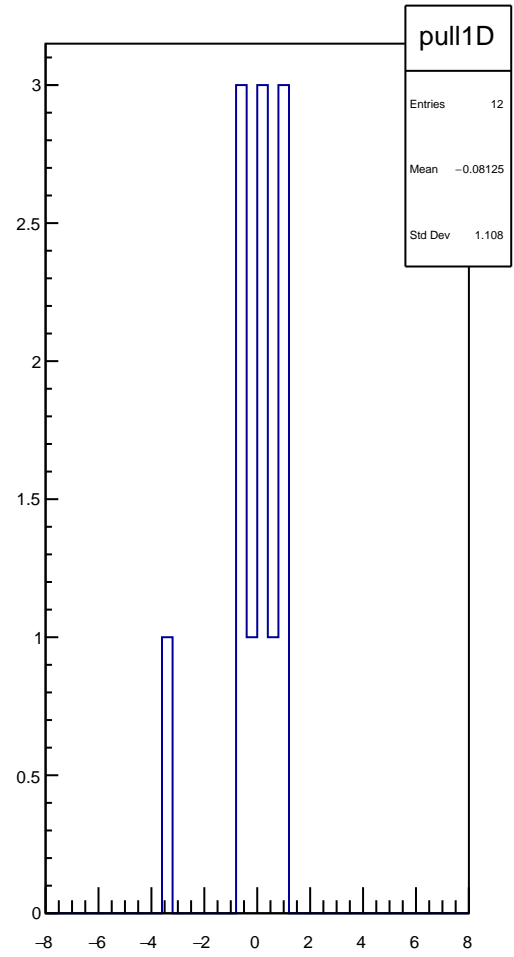
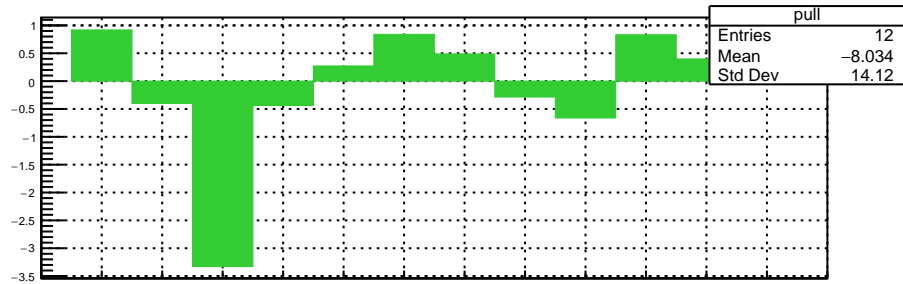
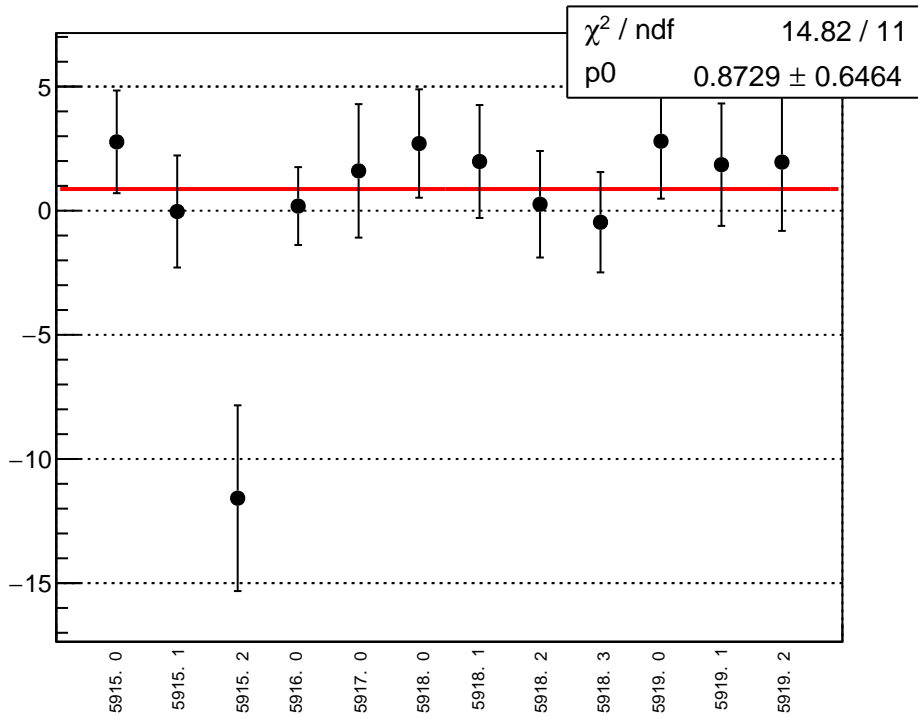
# reg\_asym\_bcm\_an\_ds\_diff\_bpm4aY\_slope vs run



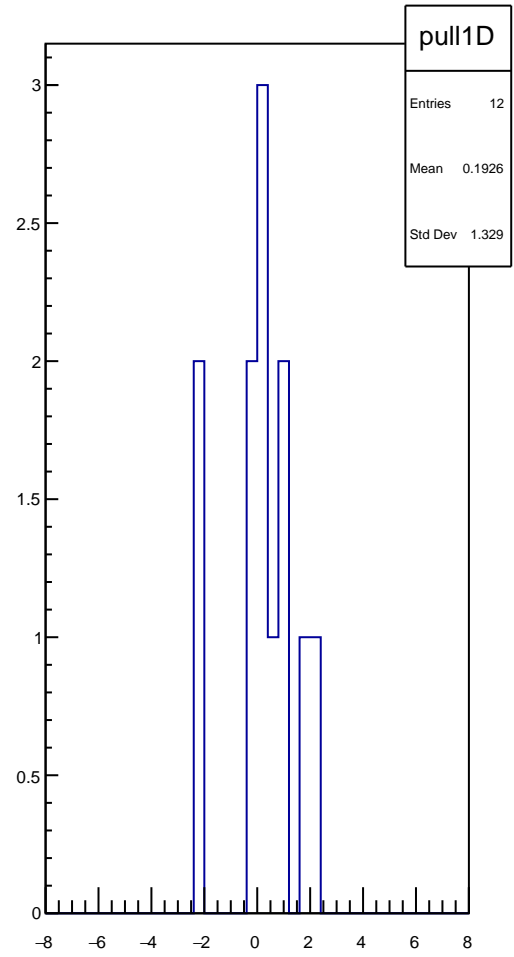
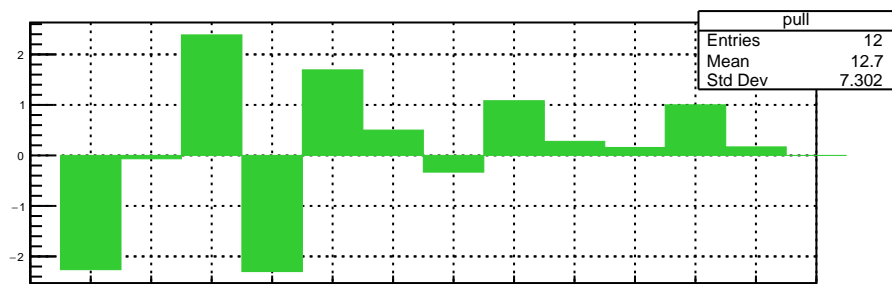
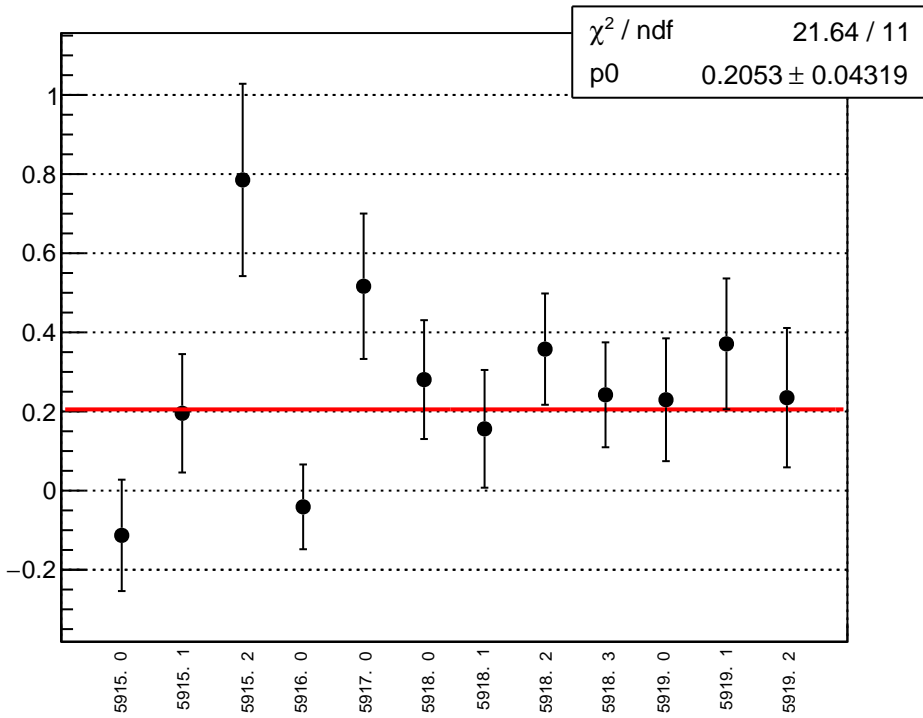
reg\_asym\_bcm\_an\_ds\_diff\_bpm4eX\_slope vs run



# reg\_asym\_bcm\_an\_ds\_diff\_bpm4eY\_slope vs run

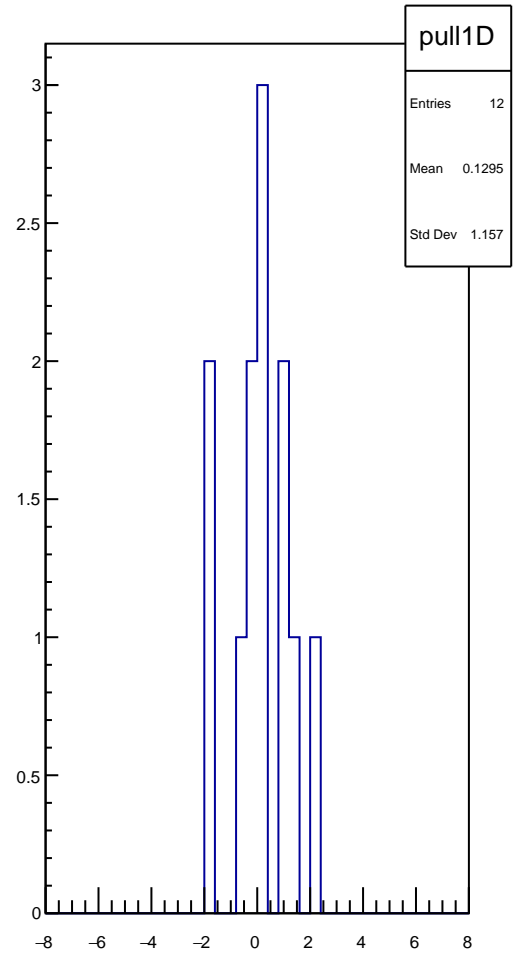
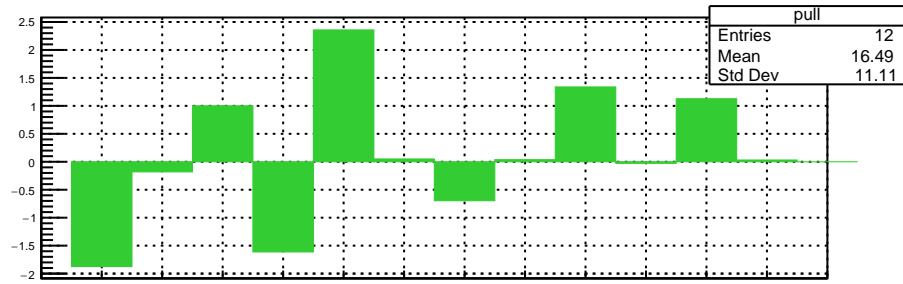
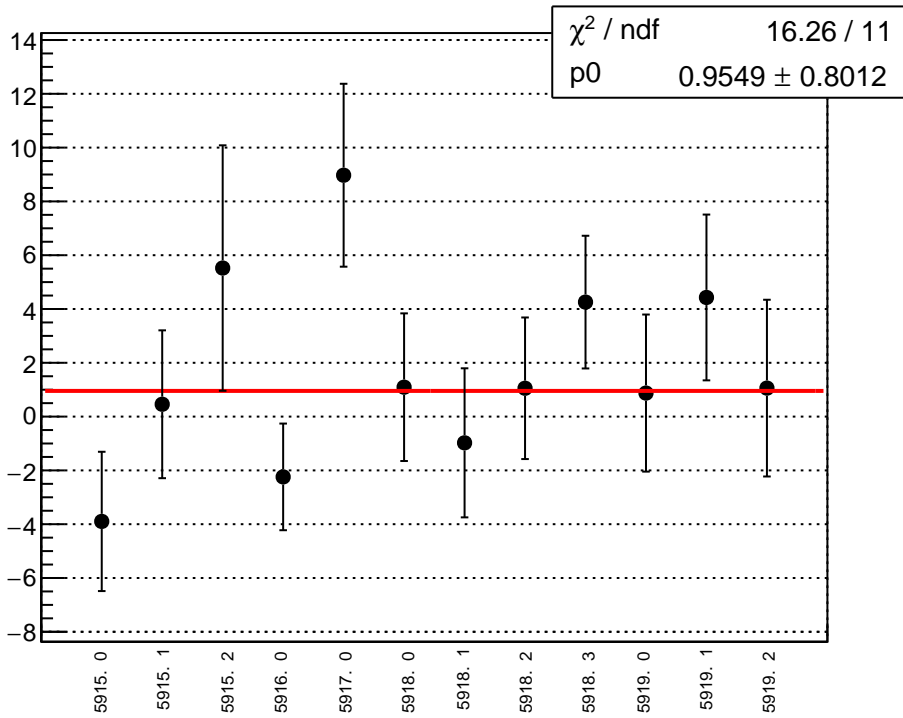


# reg\_asym\_bcm\_an\_ds\_diff\_bpm12X\_slope vs run

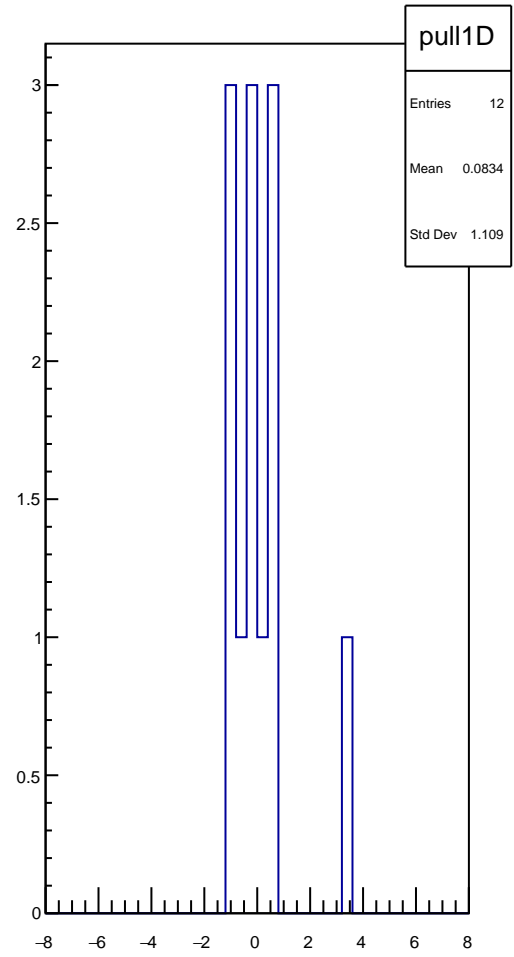
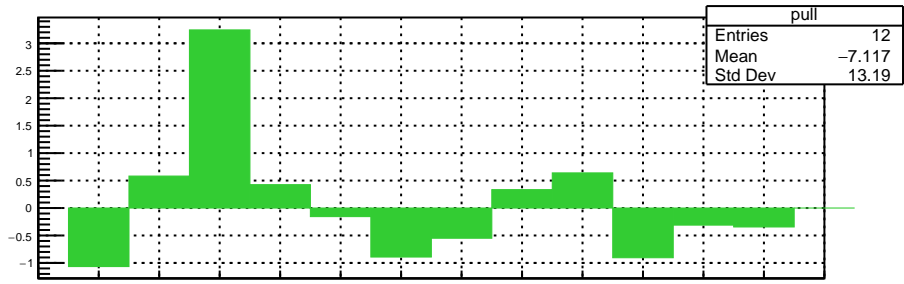
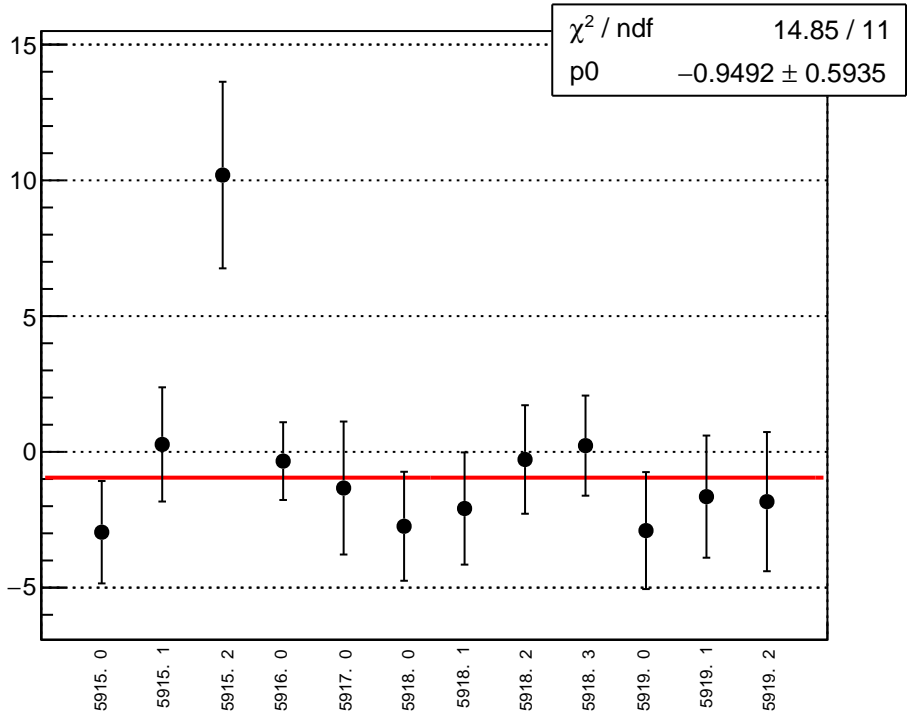




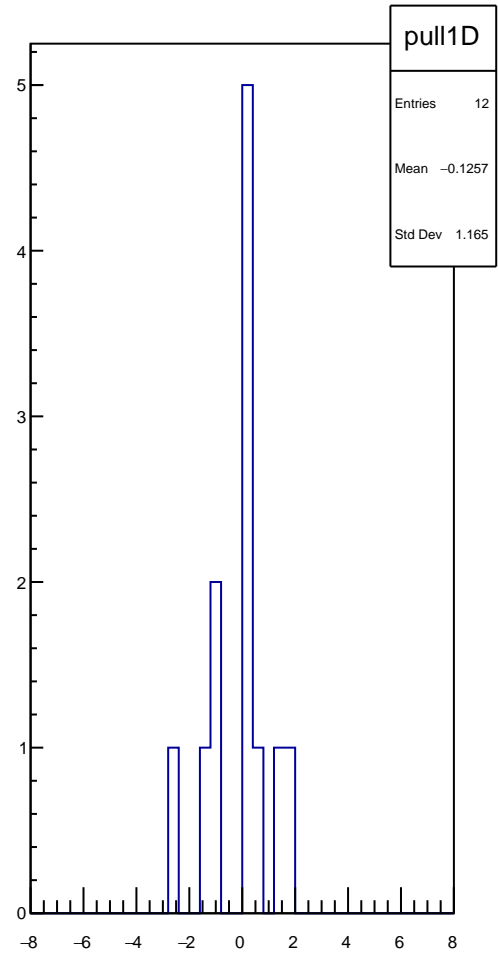
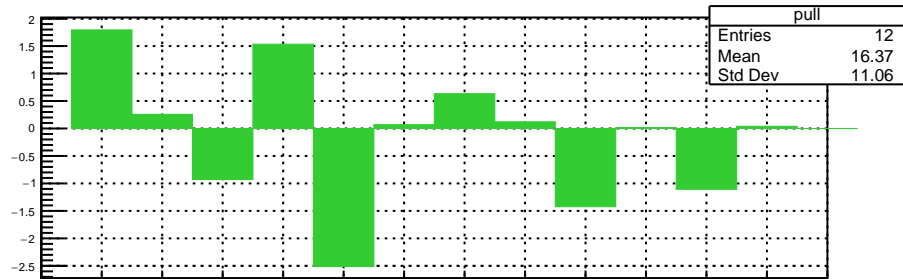
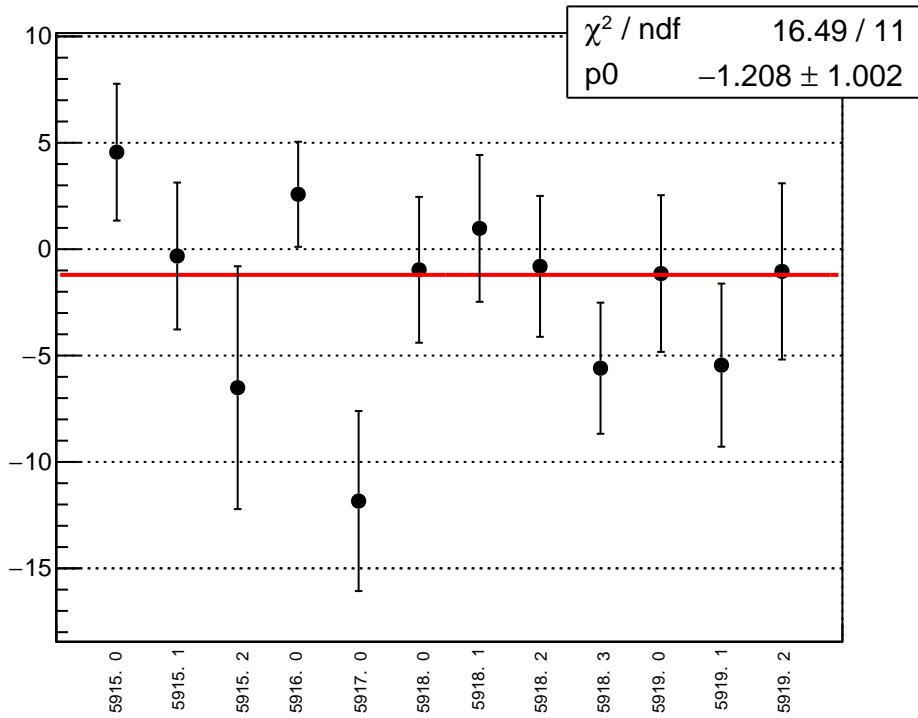
reg\_asym\_bcm\_an\_us\_diff\_bpm4aX\_slope vs run



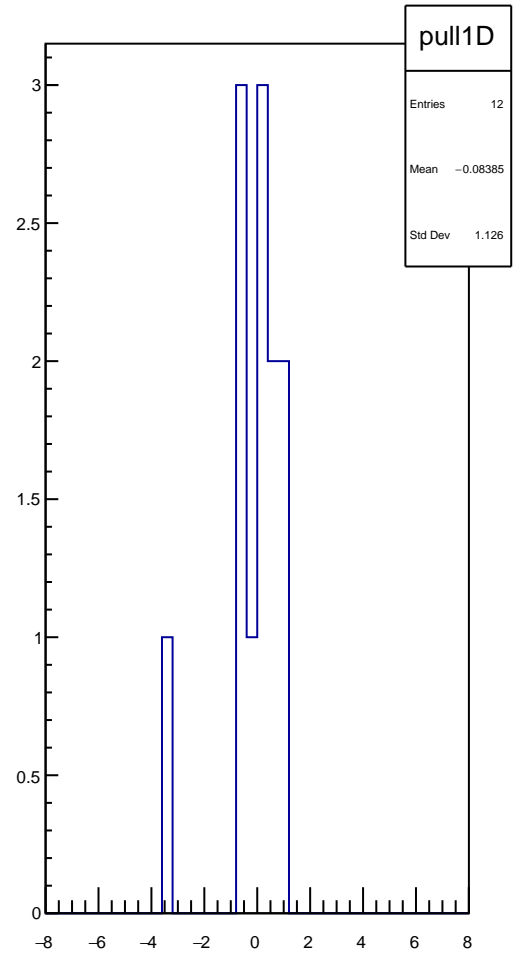
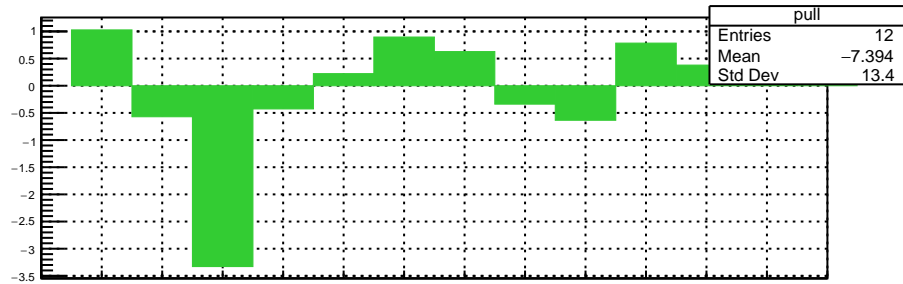
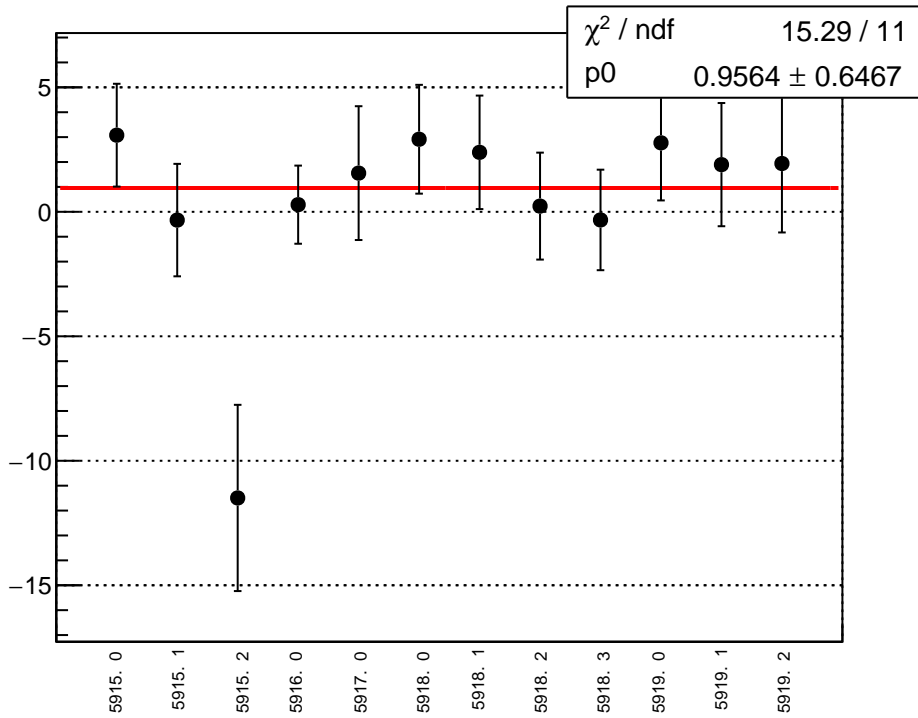
reg\_asym\_bcm\_an\_us\_diff\_bpm4aY\_slope vs run



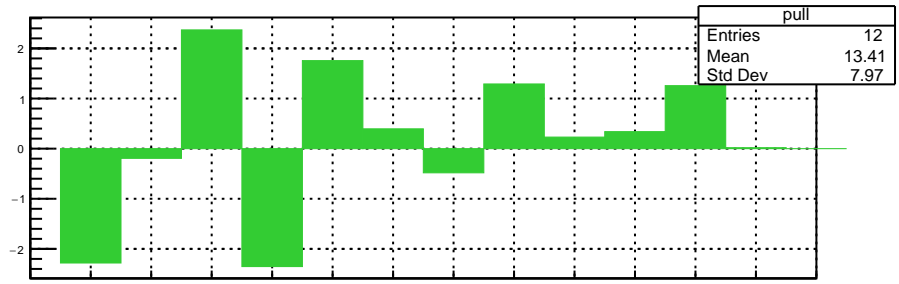
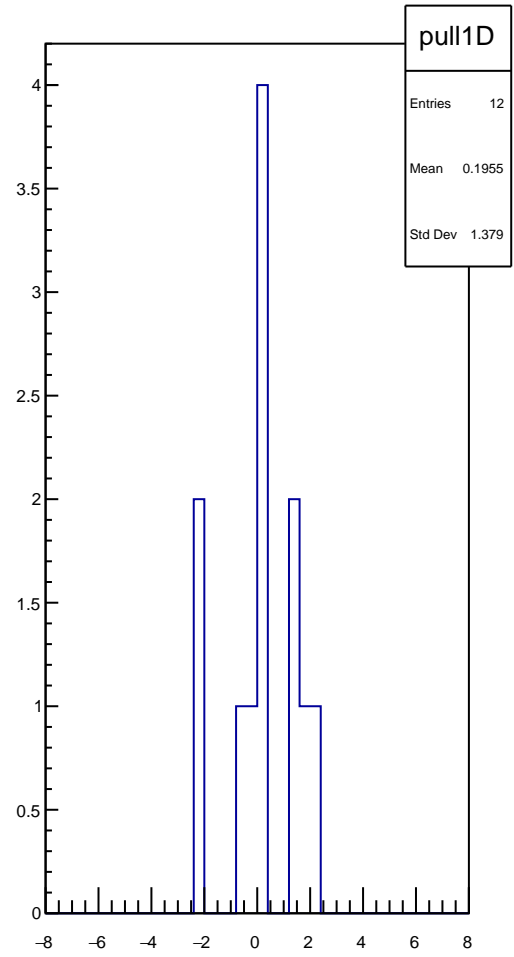
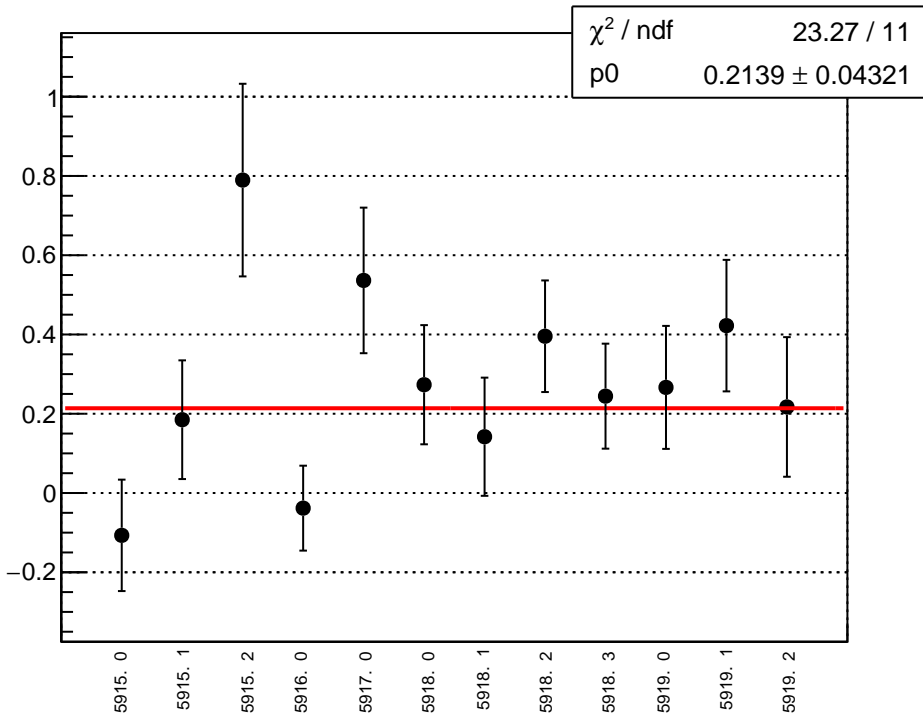
# reg\_asym\_bcm\_an\_us\_diff\_bpm4eX\_slope vs run



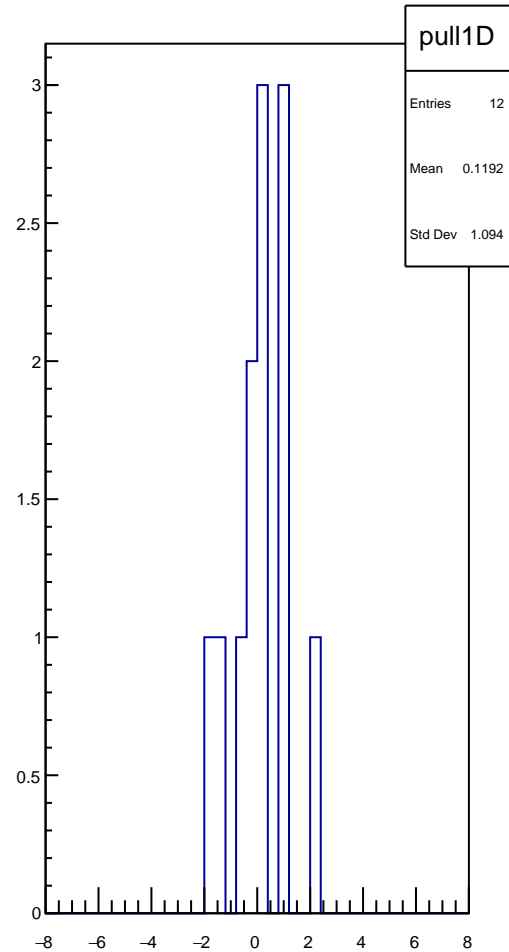
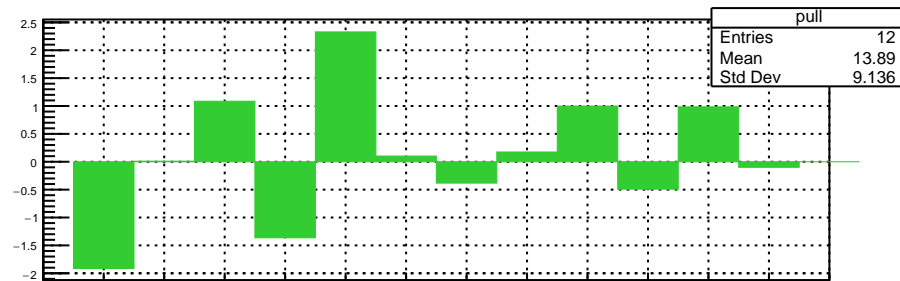
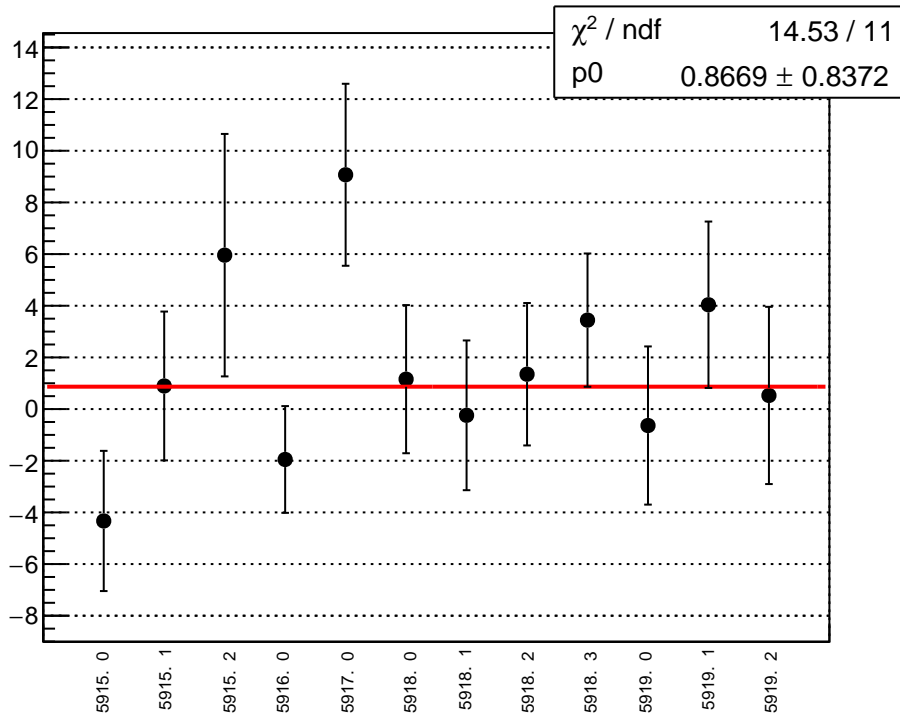
# reg\_asym\_bcm\_an\_us\_diff\_bpm4eY\_slope vs run



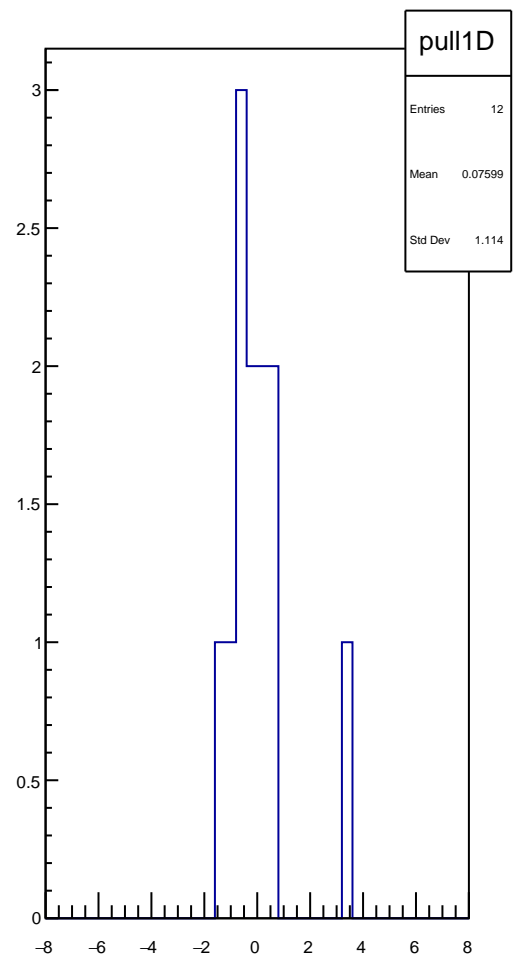
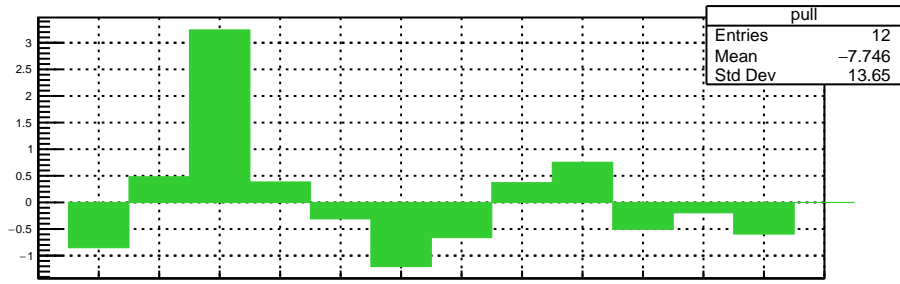
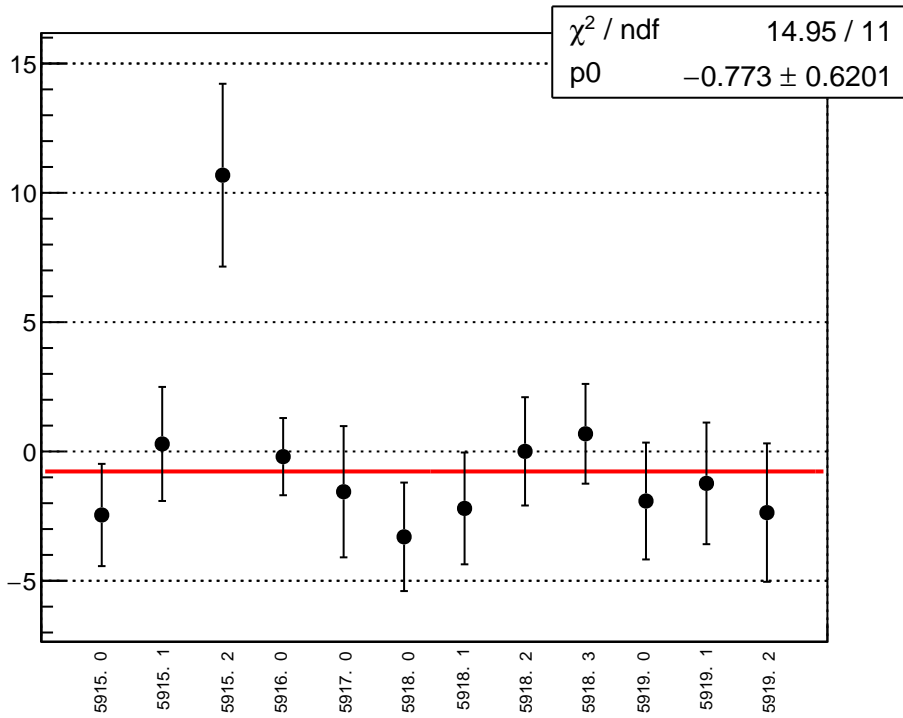
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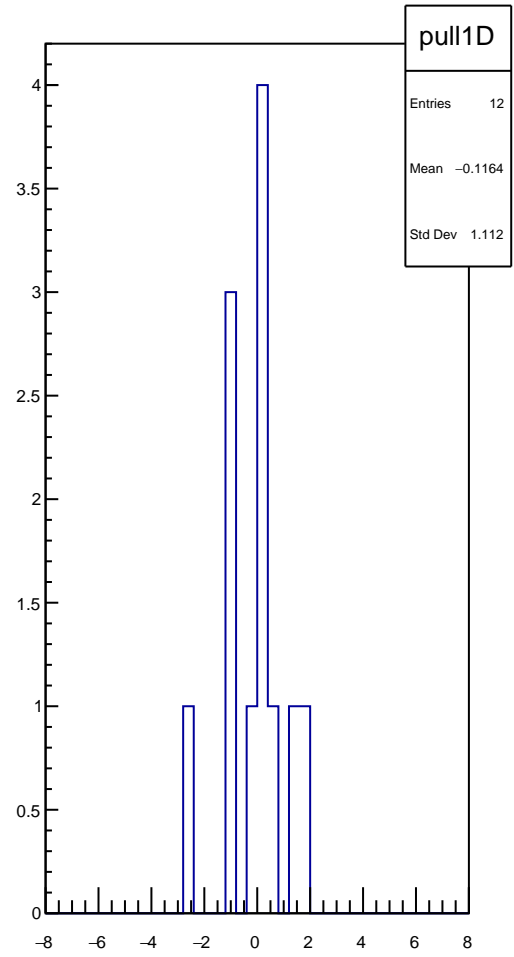
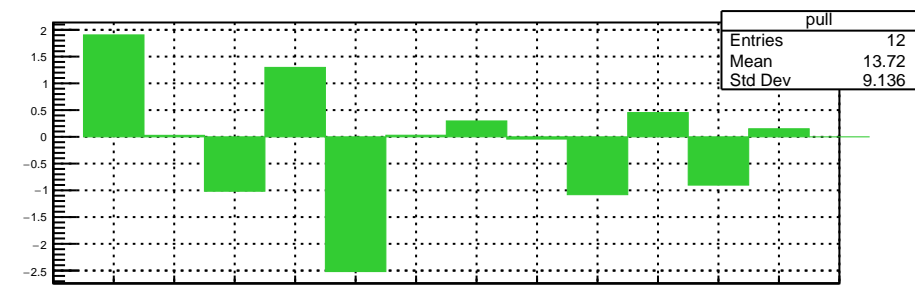
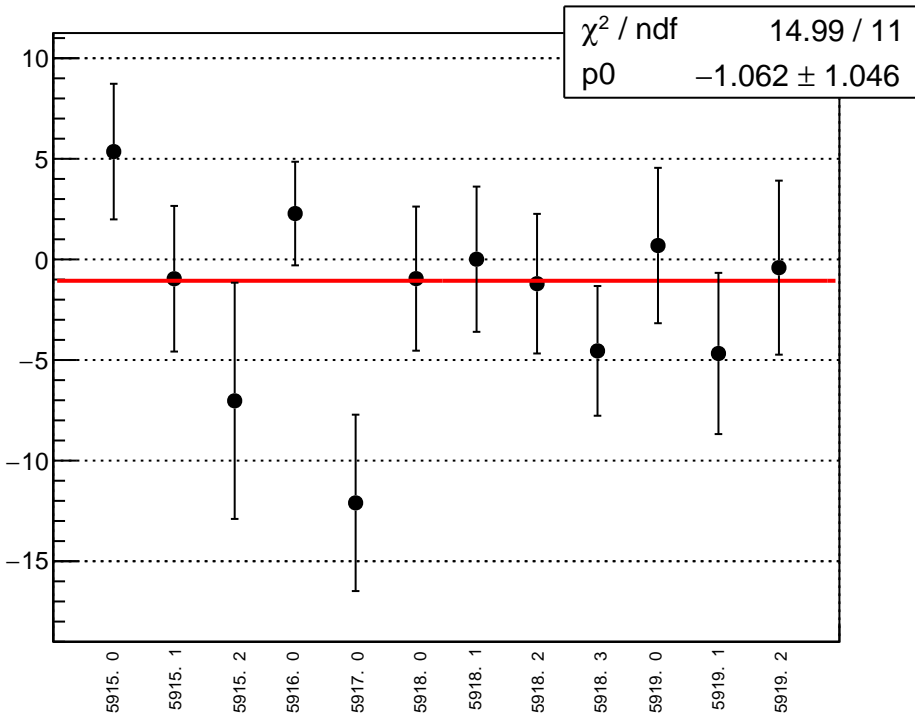
reg\_asym\_bcm\_dg\_ds\_diff\_bpm4aX\_slope vs run



reg\_asym\_bcm\_dg\_ds\_diff\_bpm4aY\_slope vs run

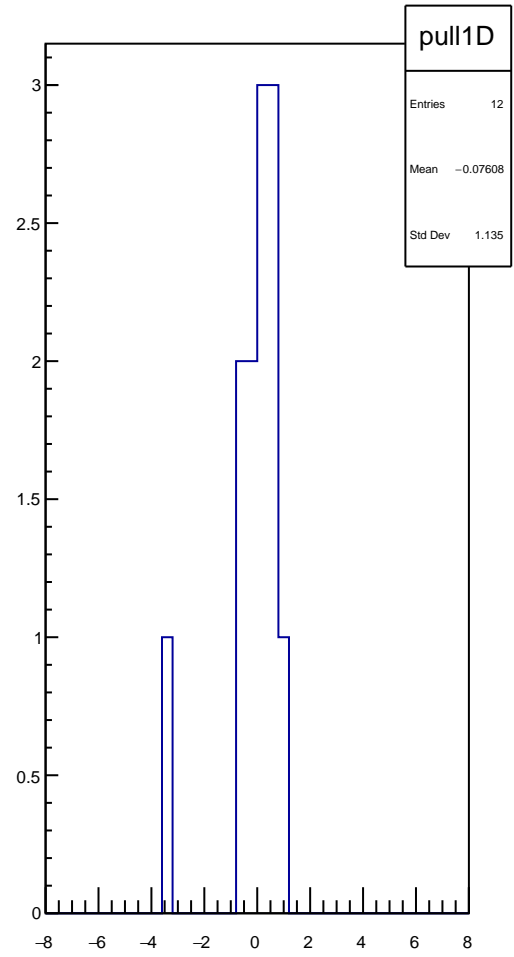
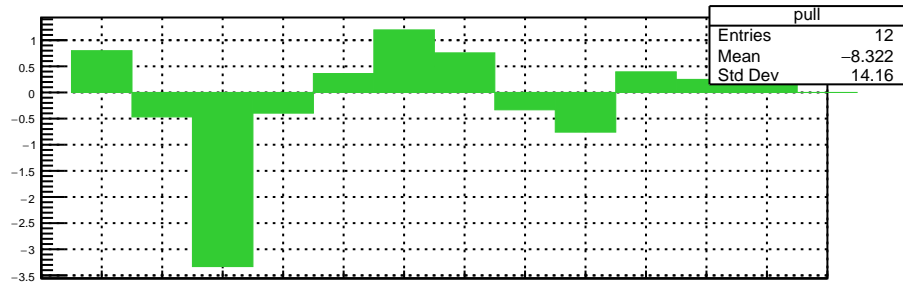
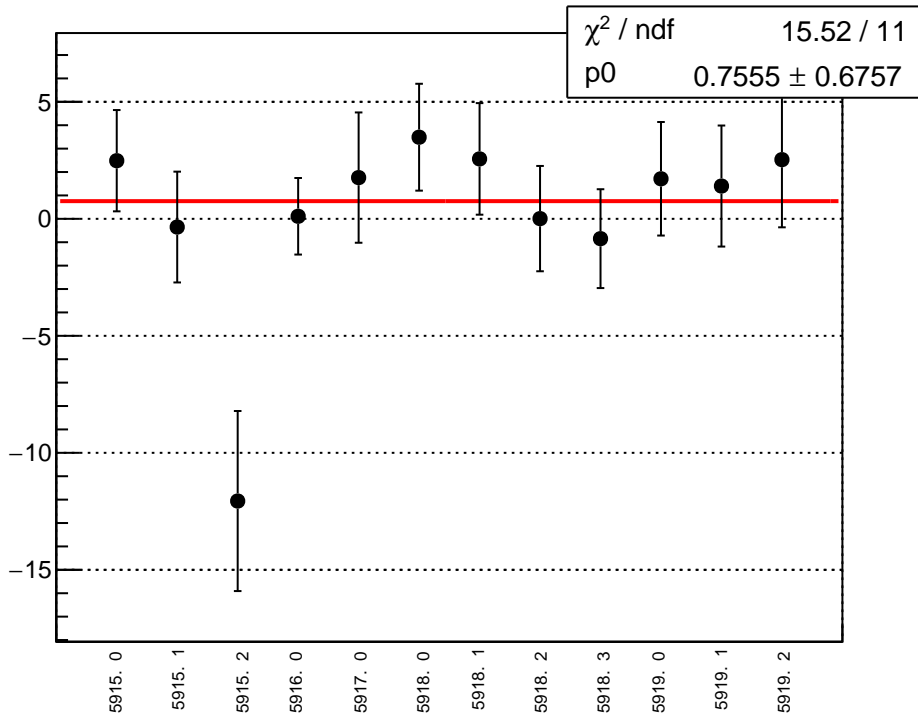


reg\_asym\_bcm\_dg\_ds\_diff\_bpm4eX\_slope vs run

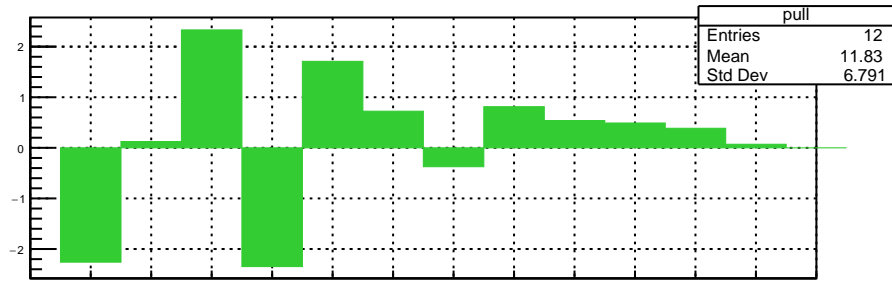
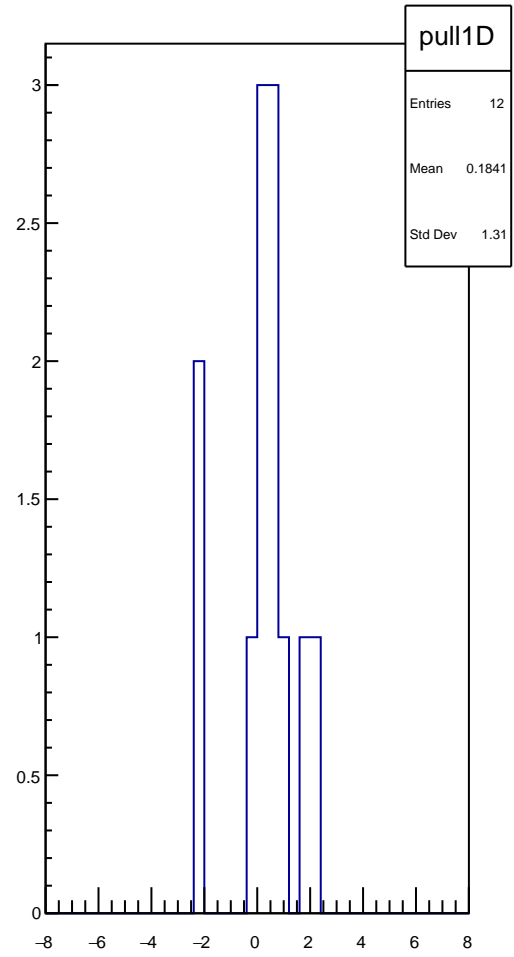
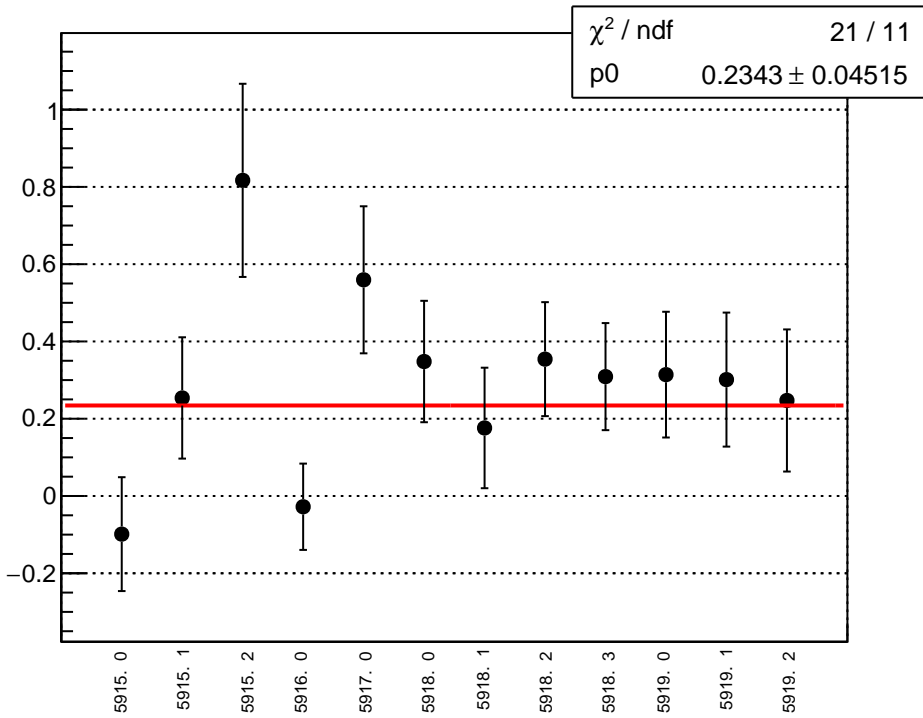




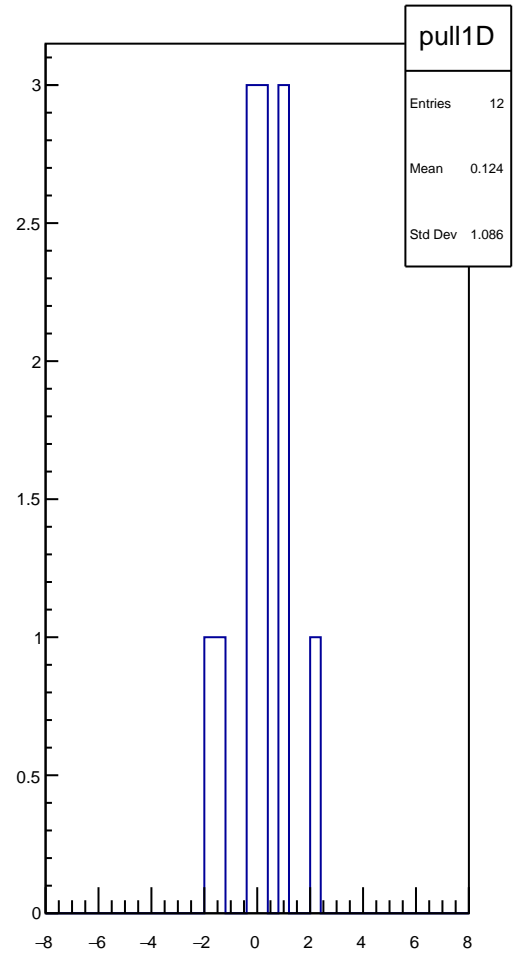
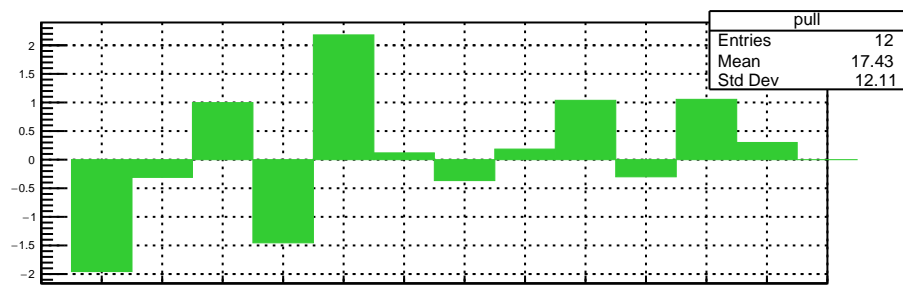
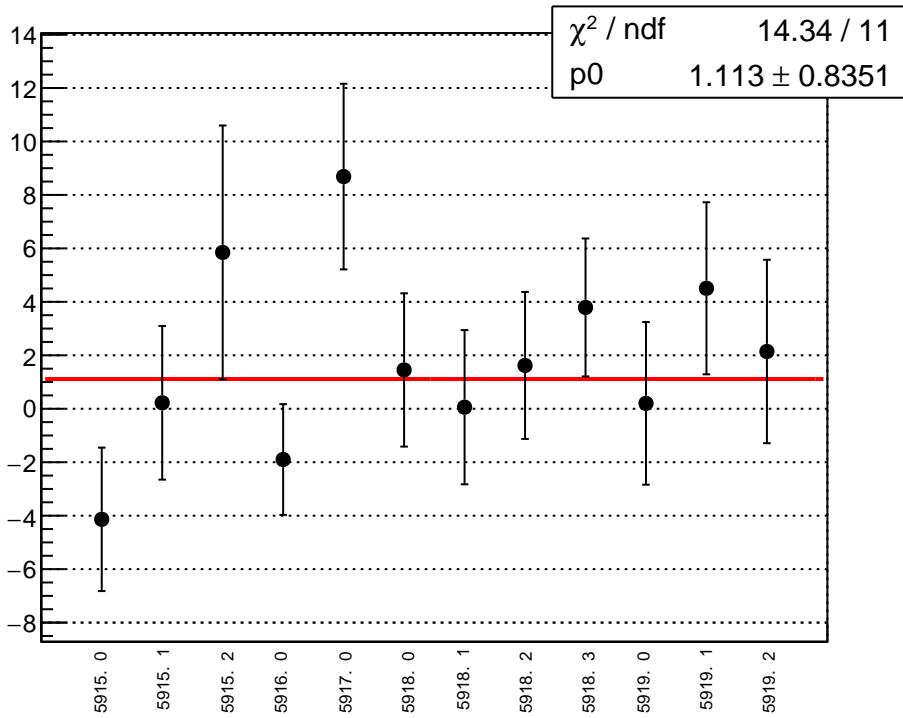
reg\_asym\_bcm\_dg\_ds\_diff\_bpm4eY\_slope vs run



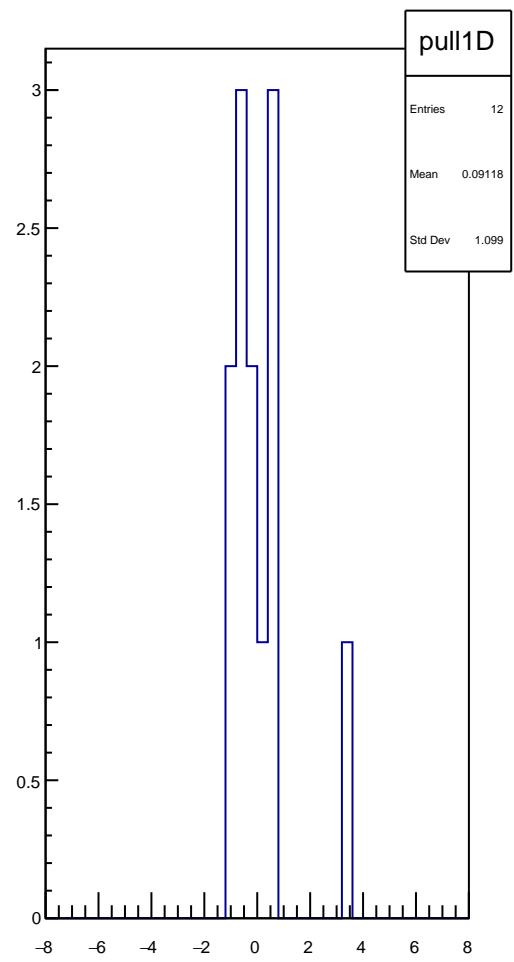
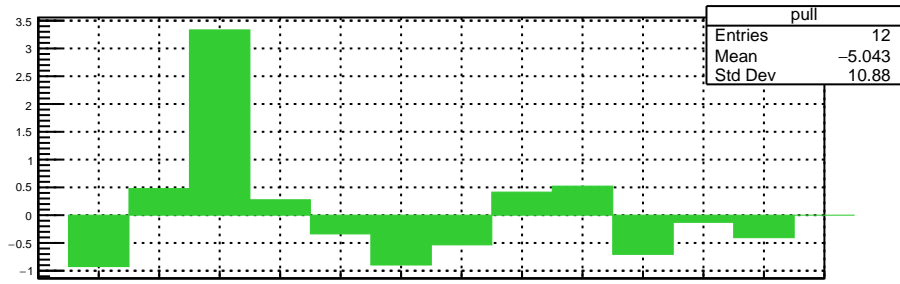
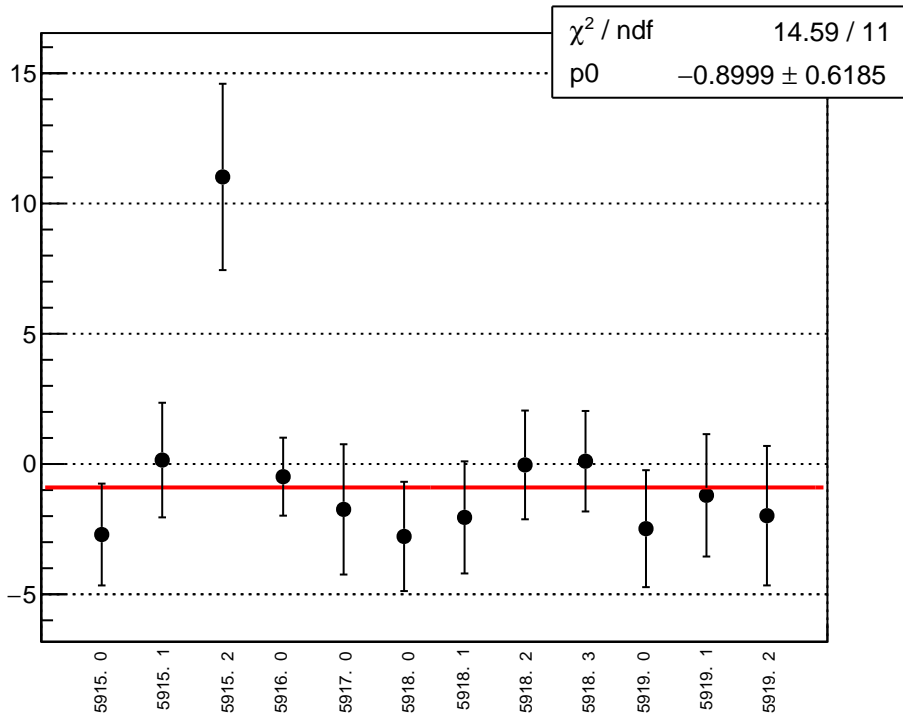
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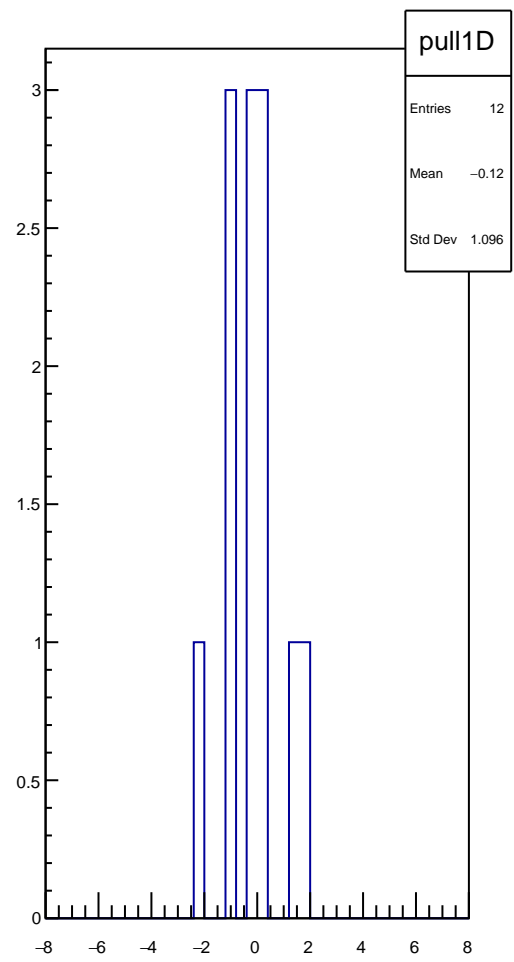
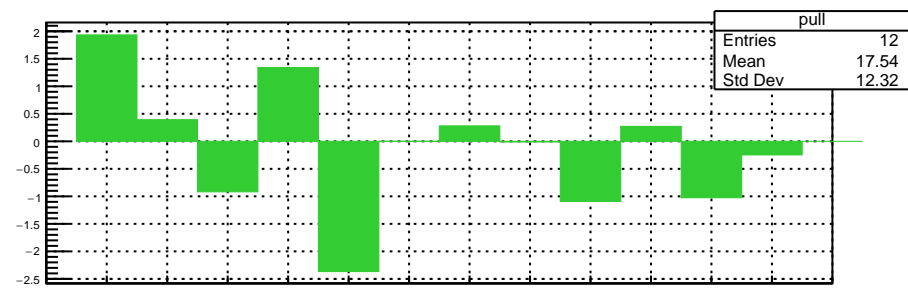
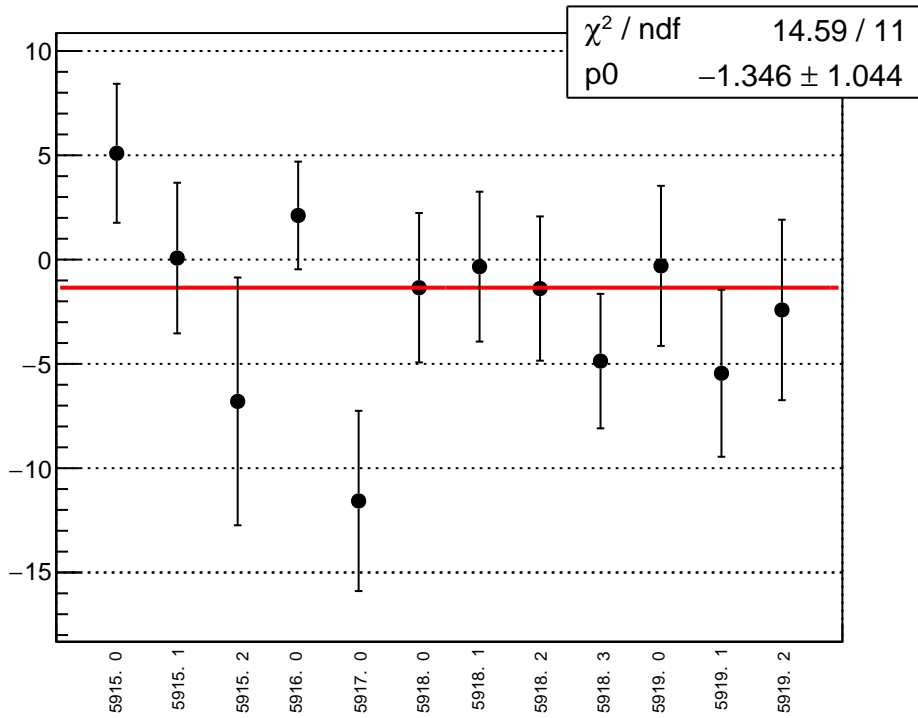
reg\_asym\_bcm\_dg\_us\_diff\_bpm4aX\_slope vs run



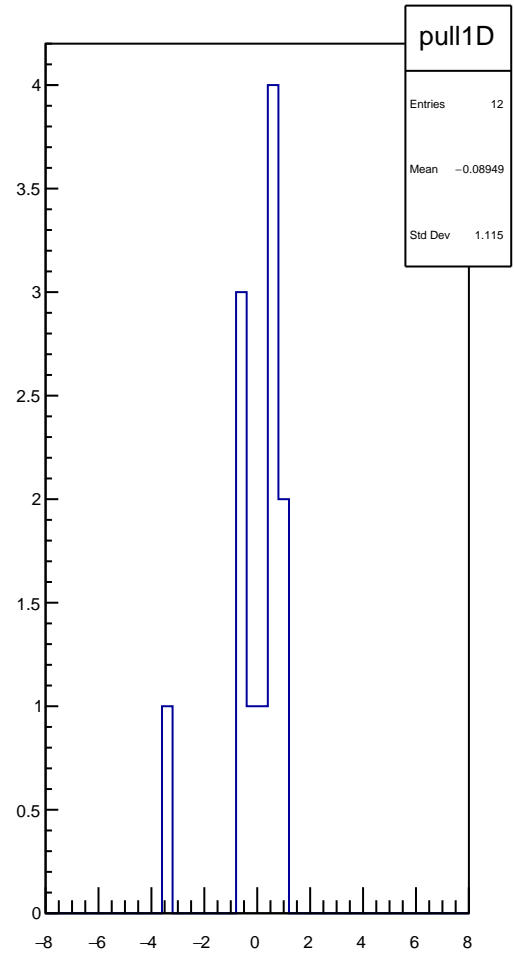
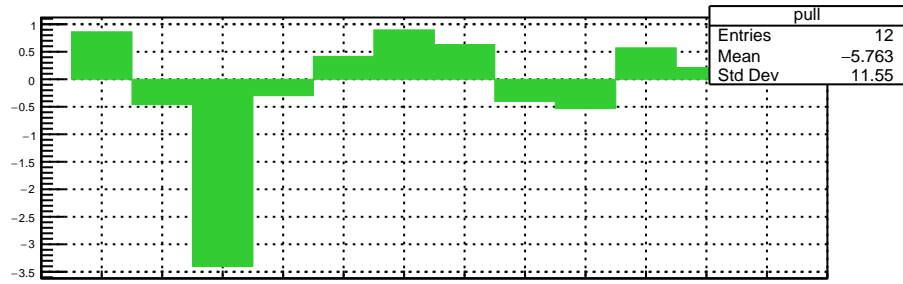
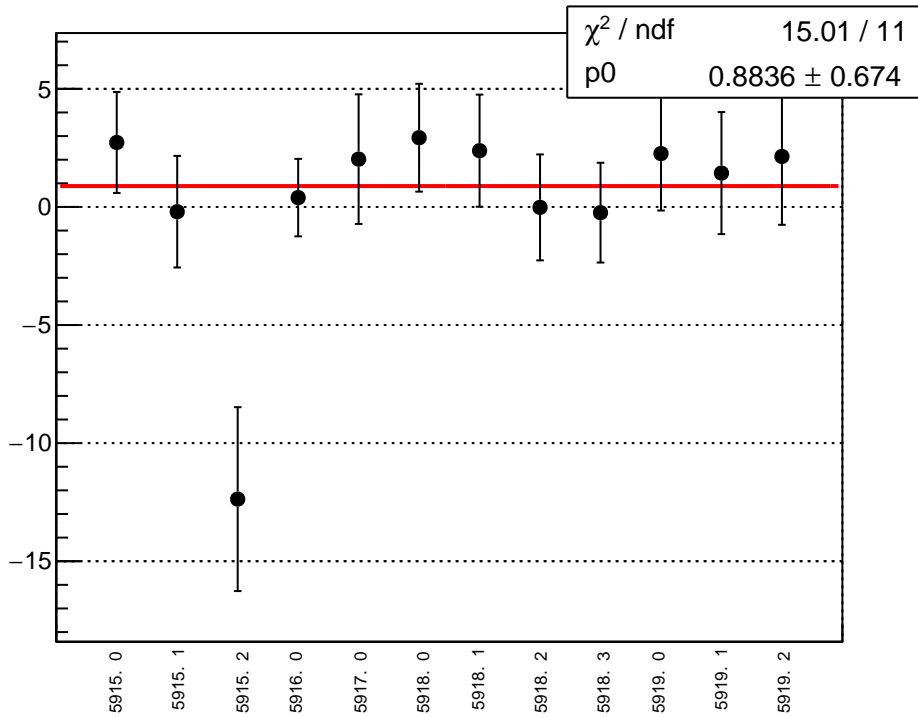
reg\_asym\_bcm\_dg\_us\_diff\_bpm4aY\_slope vs run



reg\_asym\_bcm\_dg\_us\_diff\_bpm4eX\_slope vs run



reg\_asym\_bcm\_dg\_us\_diff\_bpm4eY\_slope vs run



# reg\_asym\_bcm\_dg\_us\_diff\_bpm12X\_slope vs run

