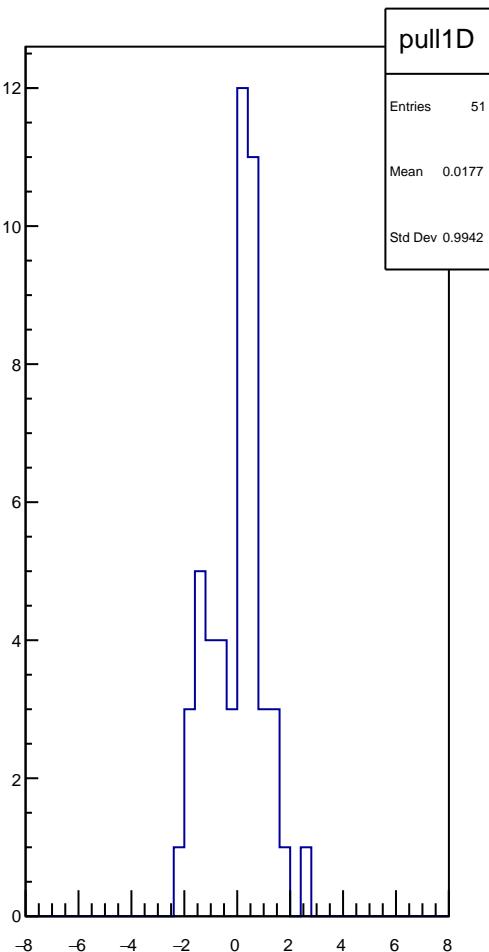
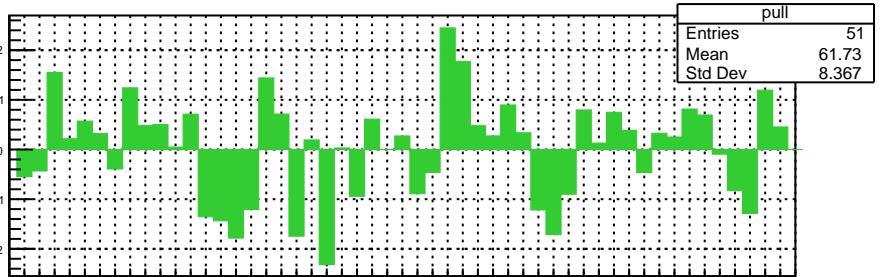
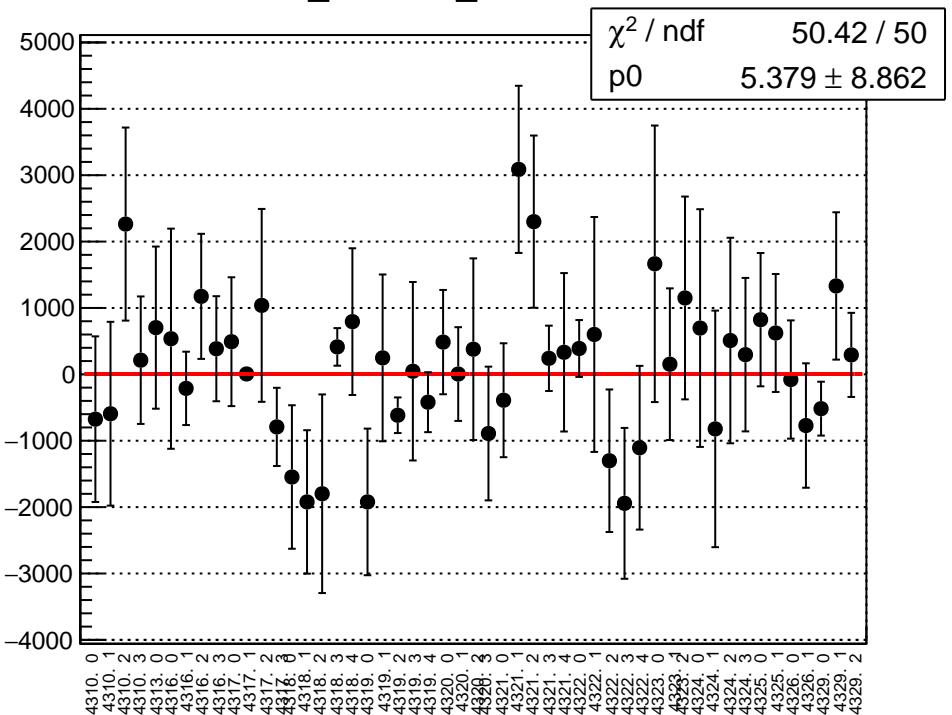
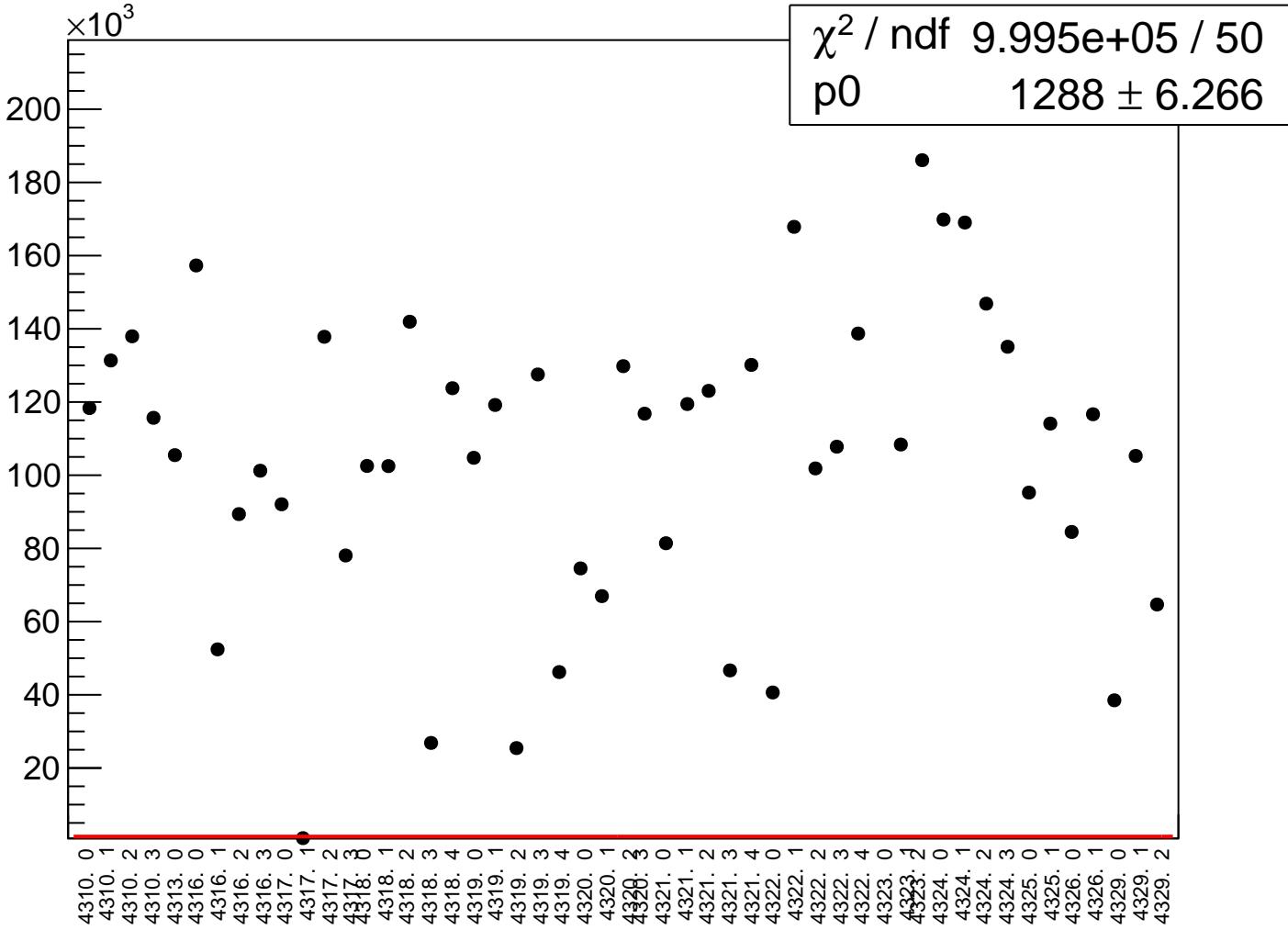


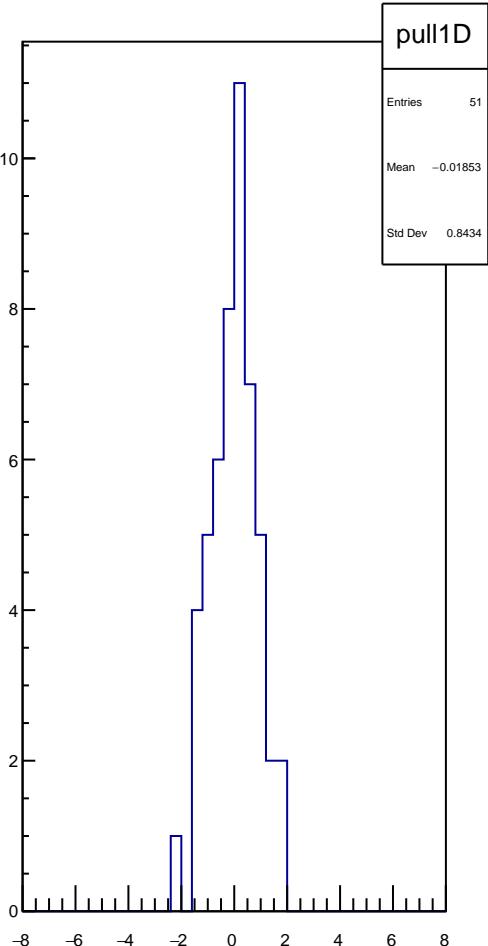
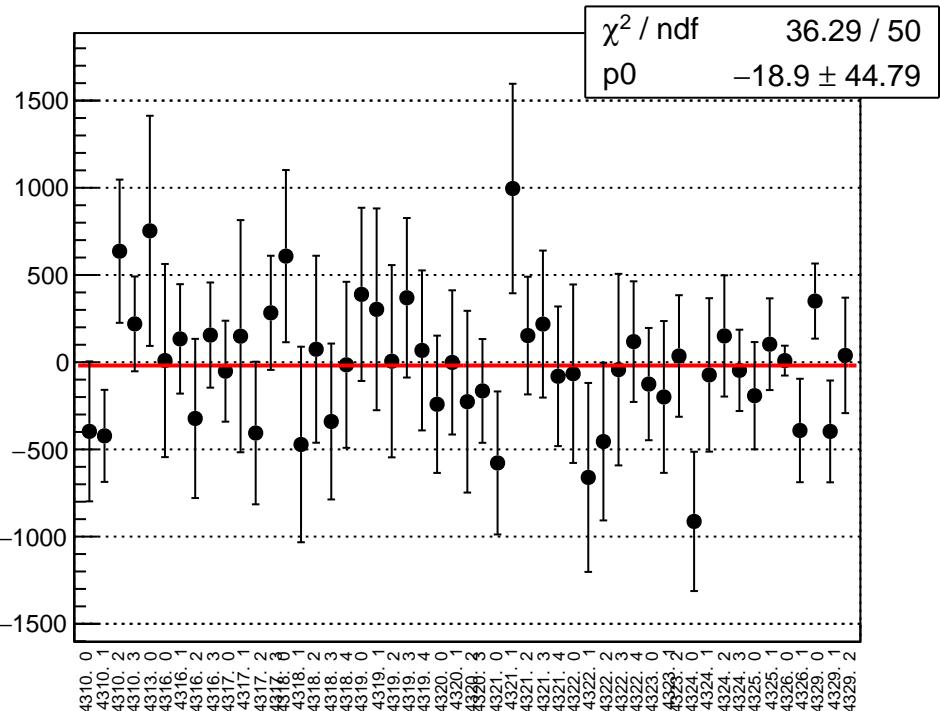
# diff\_cav4bX\_mean vs run



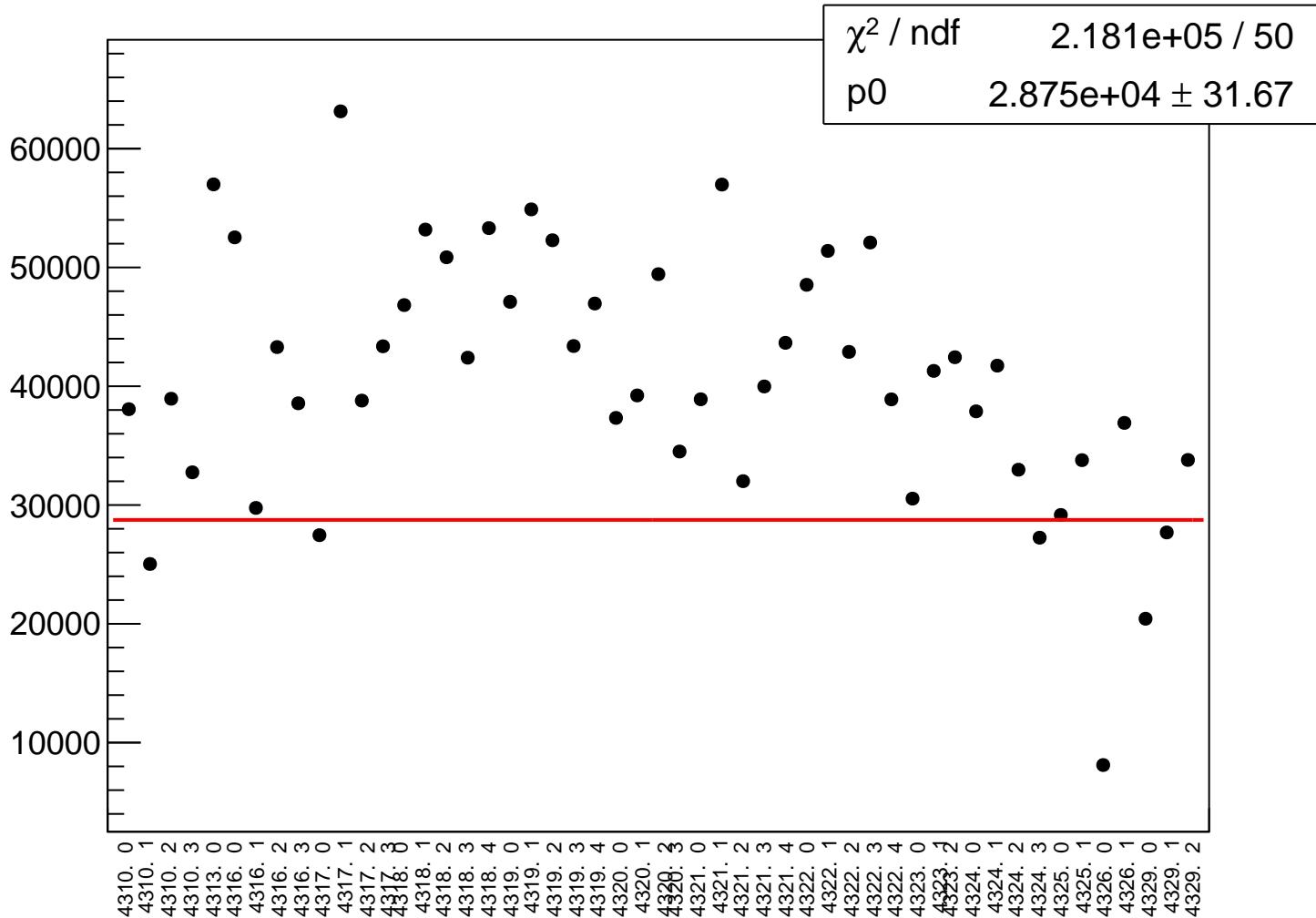
# diff\_cav4bX\_rms vs run



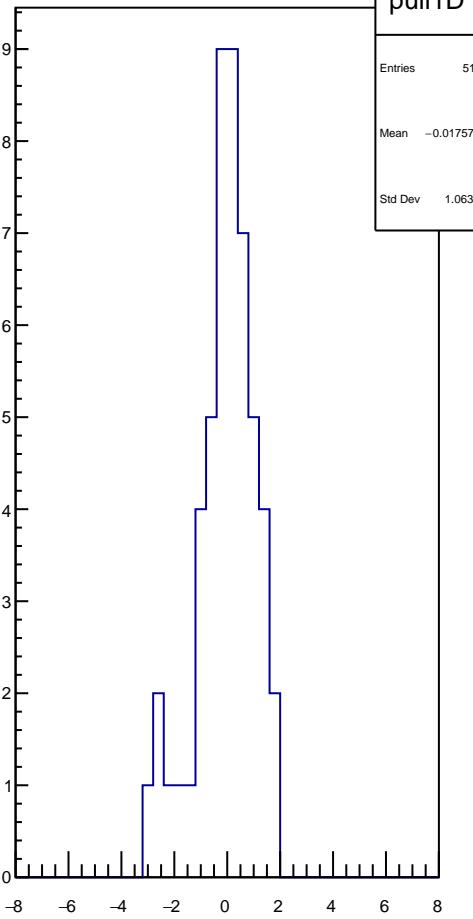
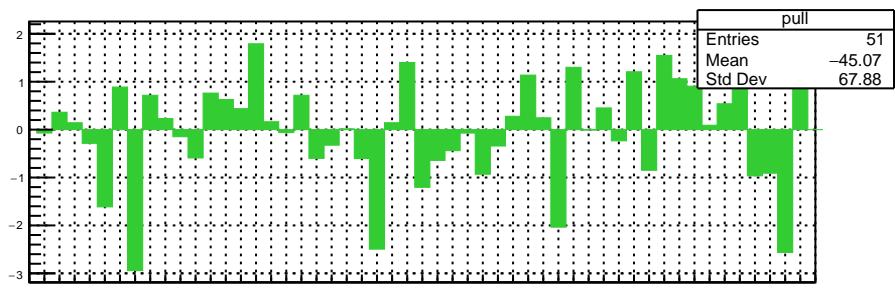
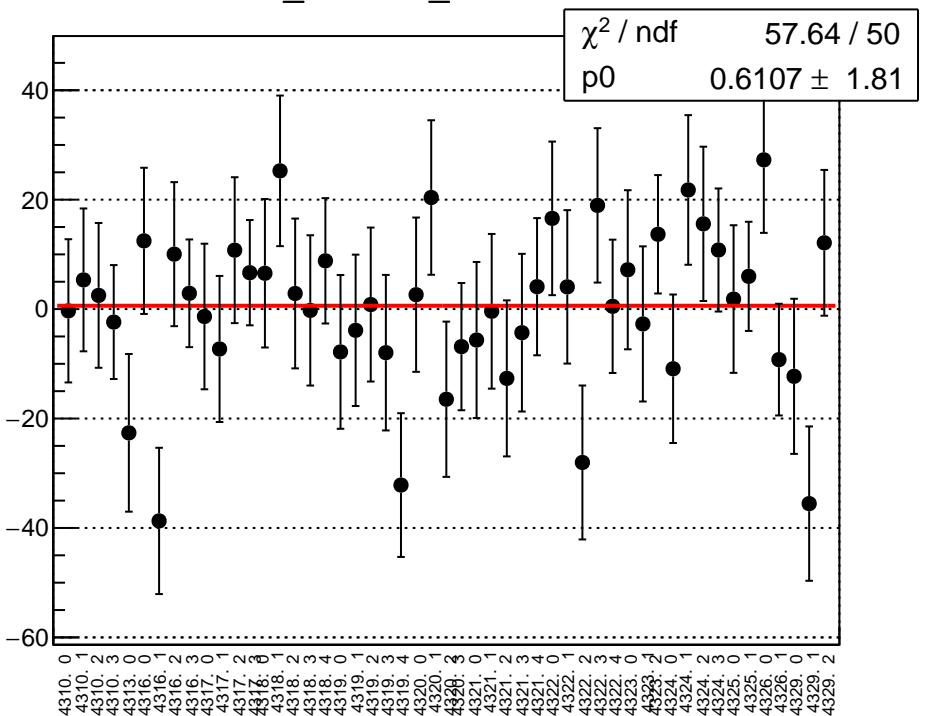
# diff\_cav4bY\_mean vs run



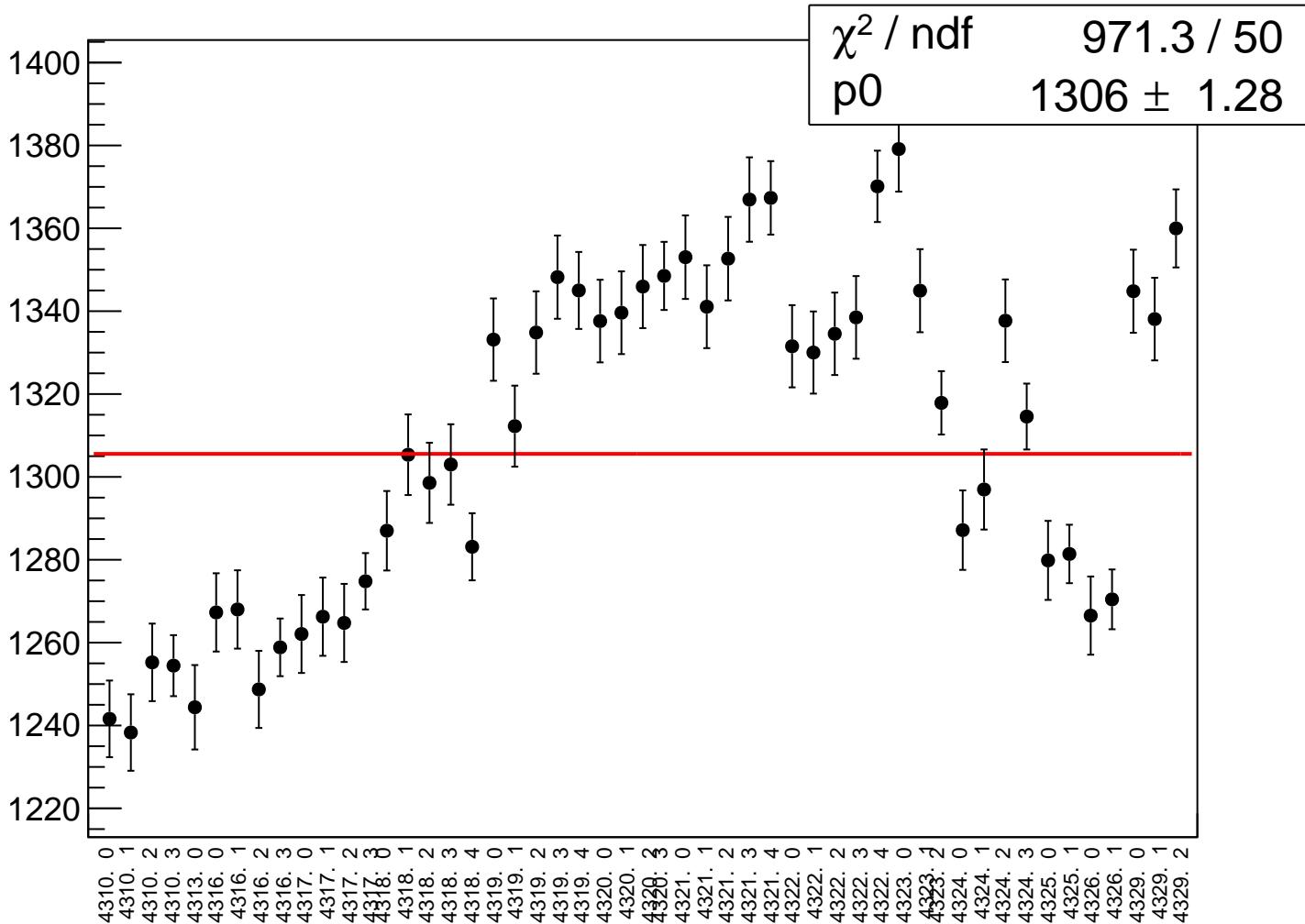
# diff\_cav4bY\_rms vs run



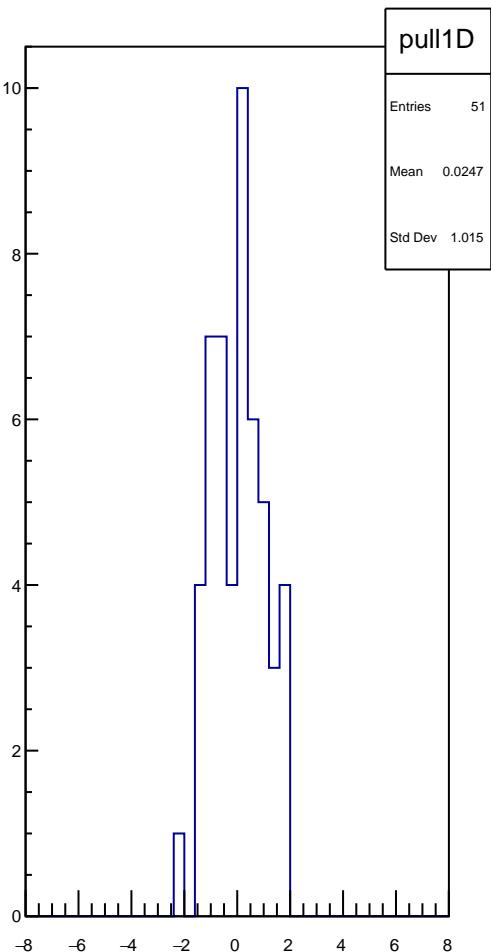
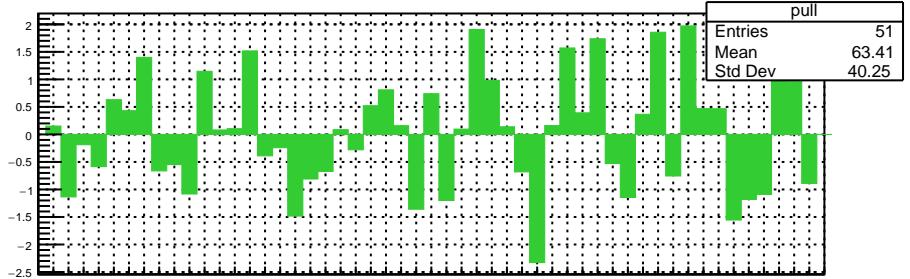
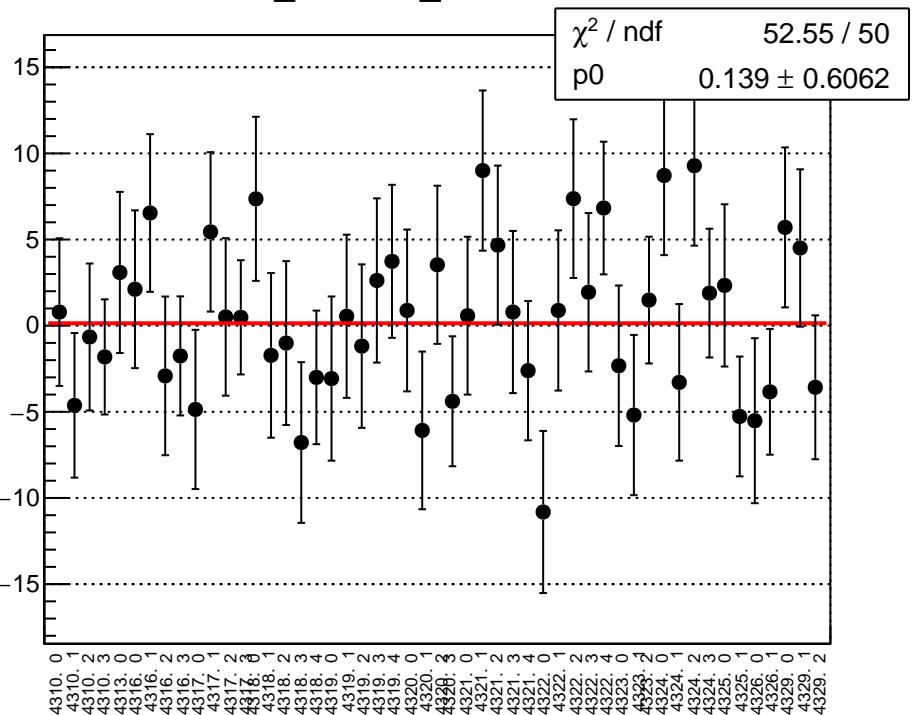
# diff\_cav4cX\_mean vs run



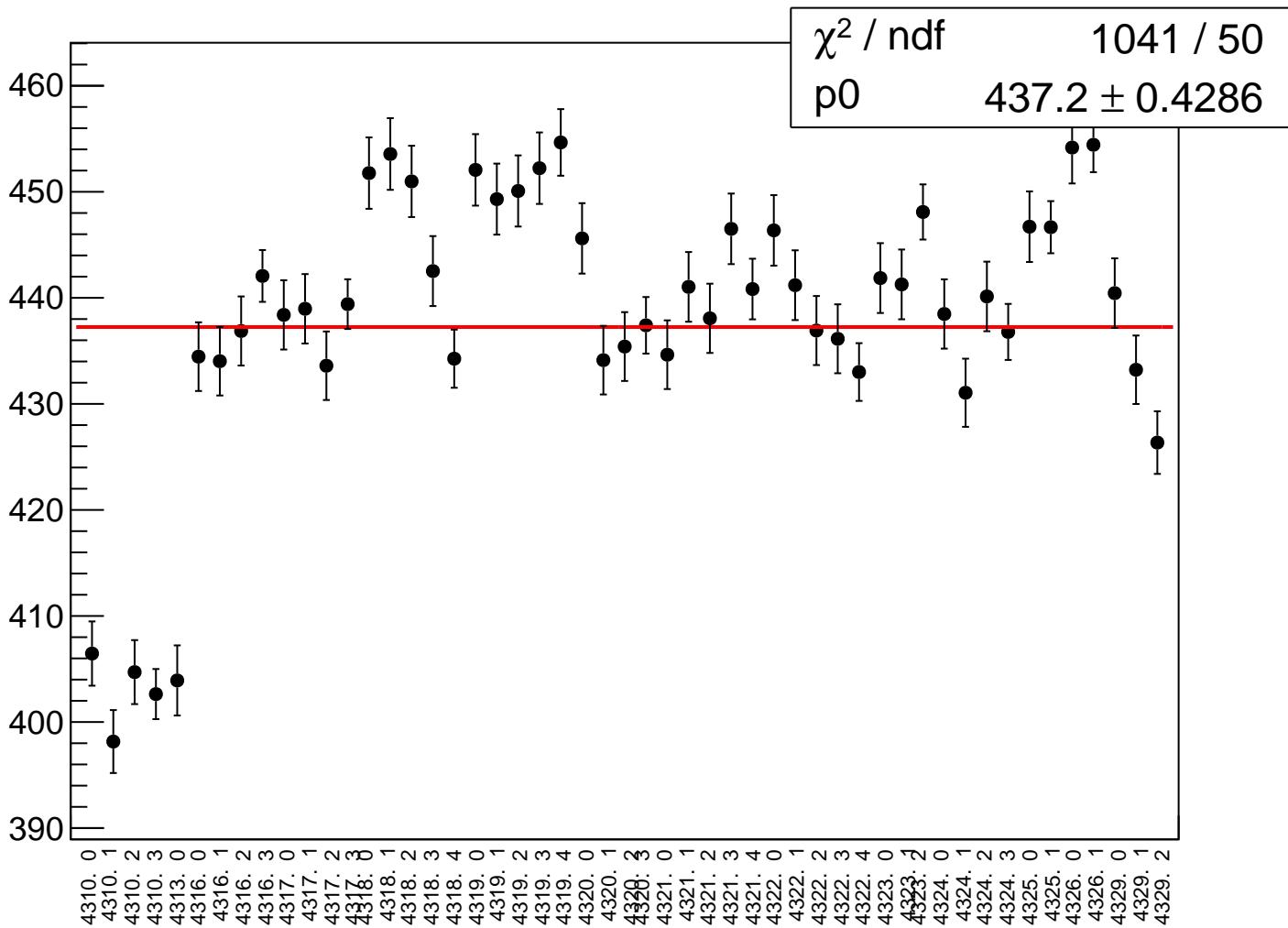
# diff\_cav4cX\_rms vs run



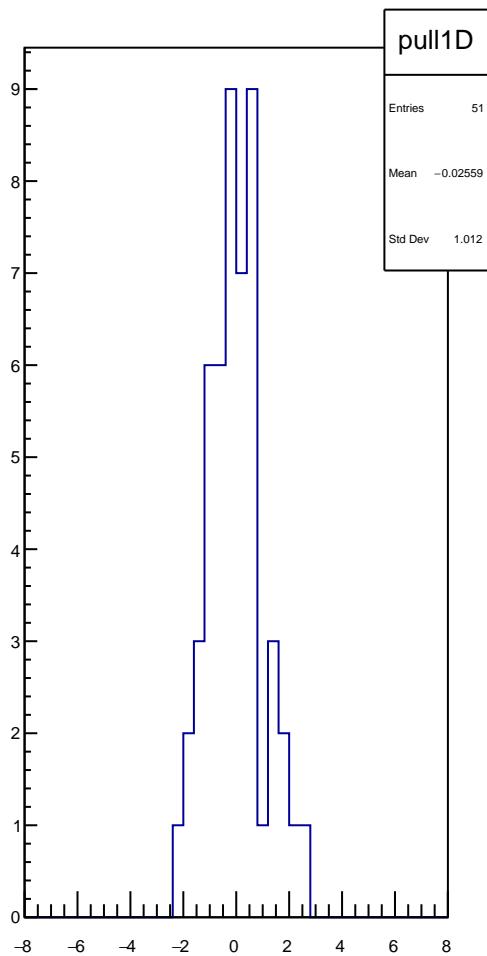
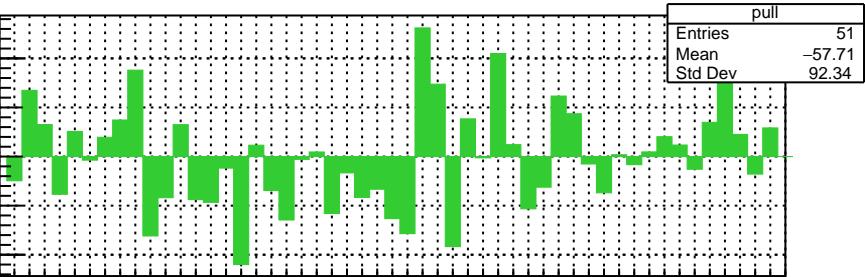
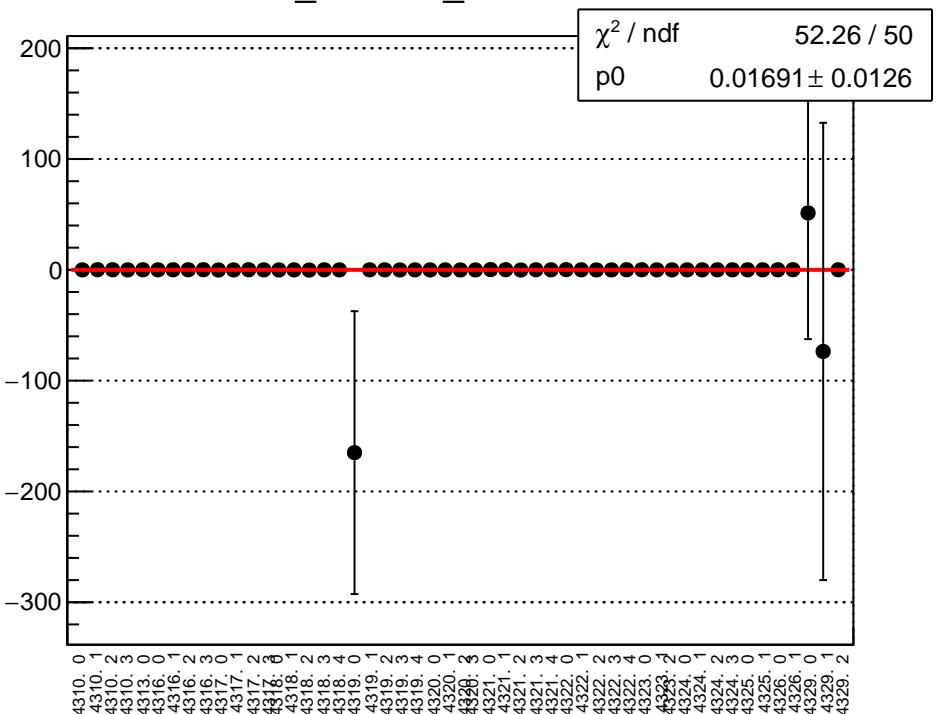
# diff\_cav4cY\_mean vs run



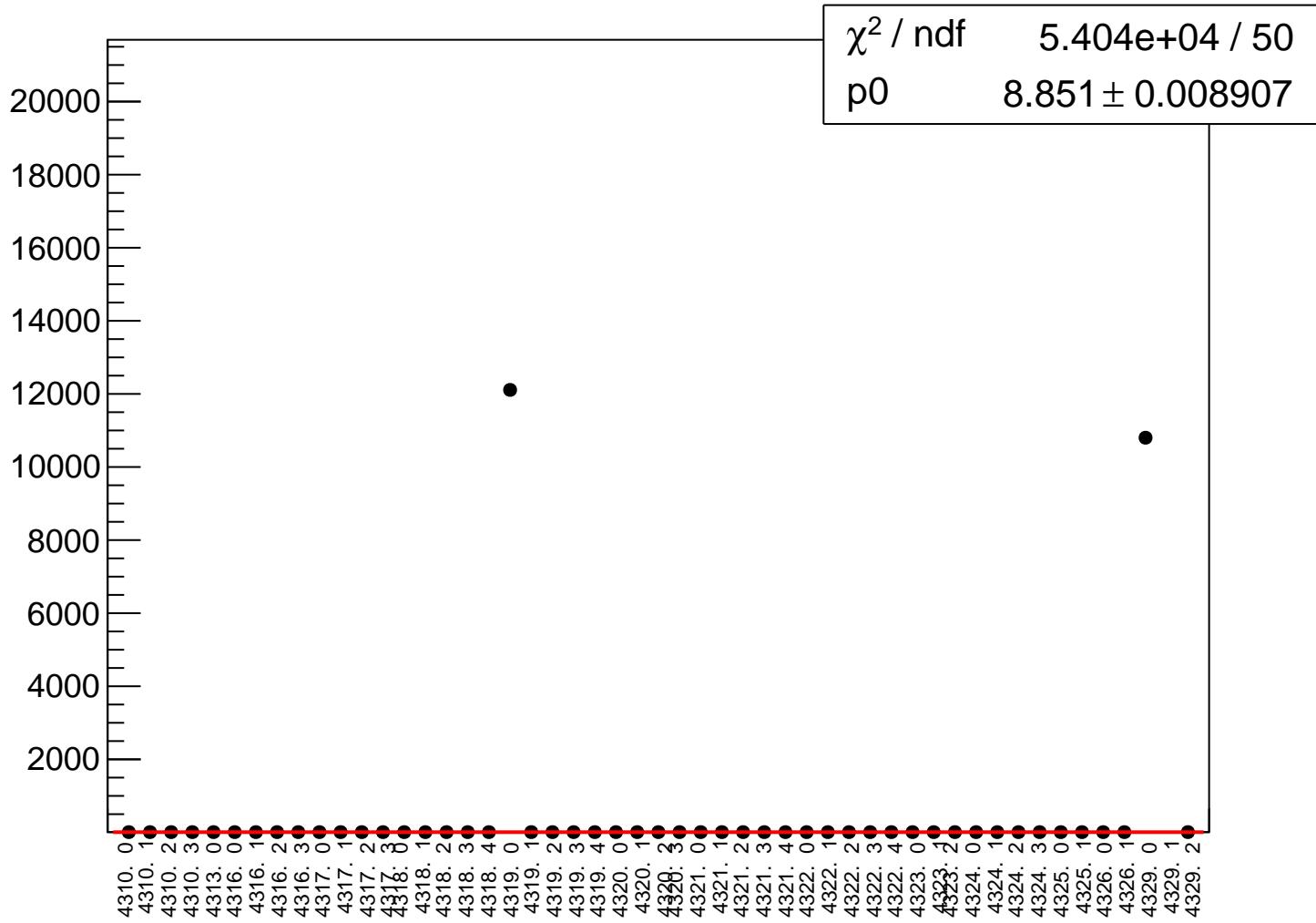
# diff\_cav4cY\_rms vs run



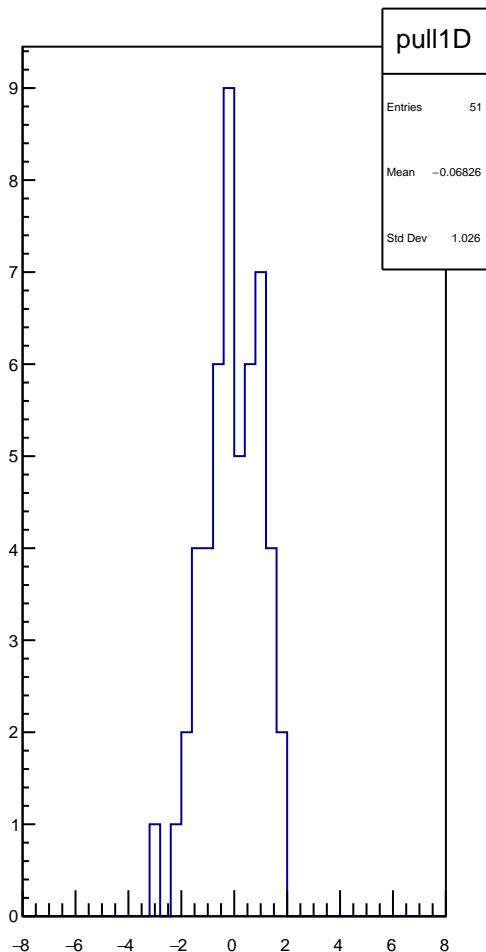
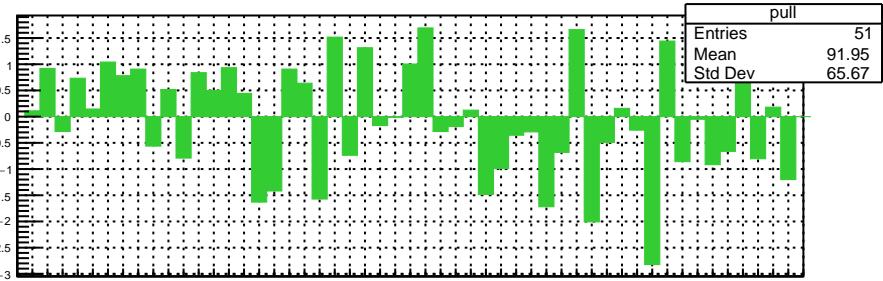
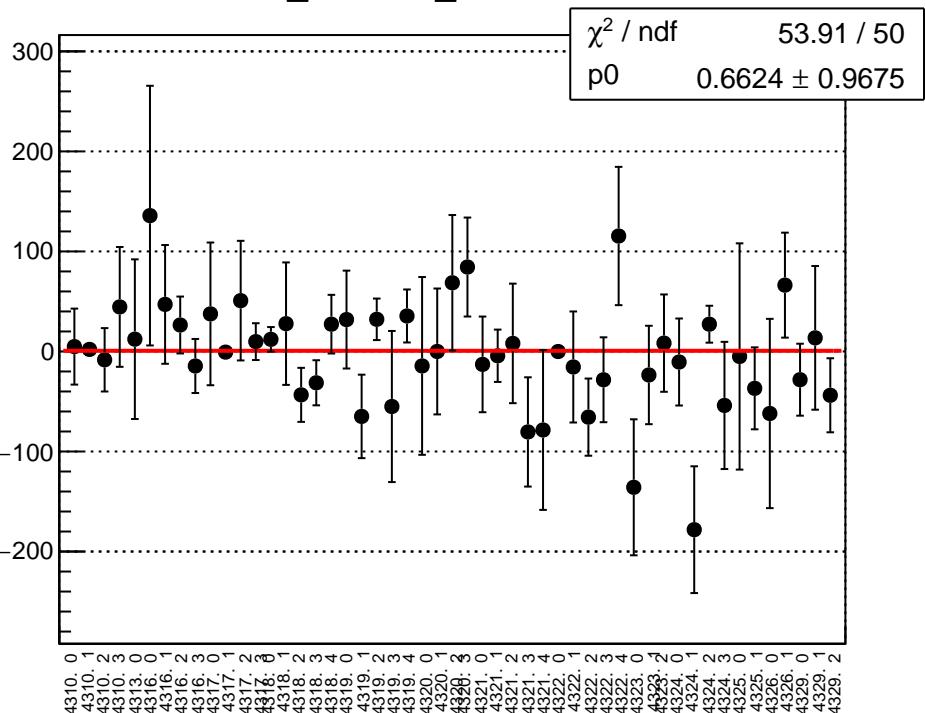
# diff\_cav4dX\_mean vs run



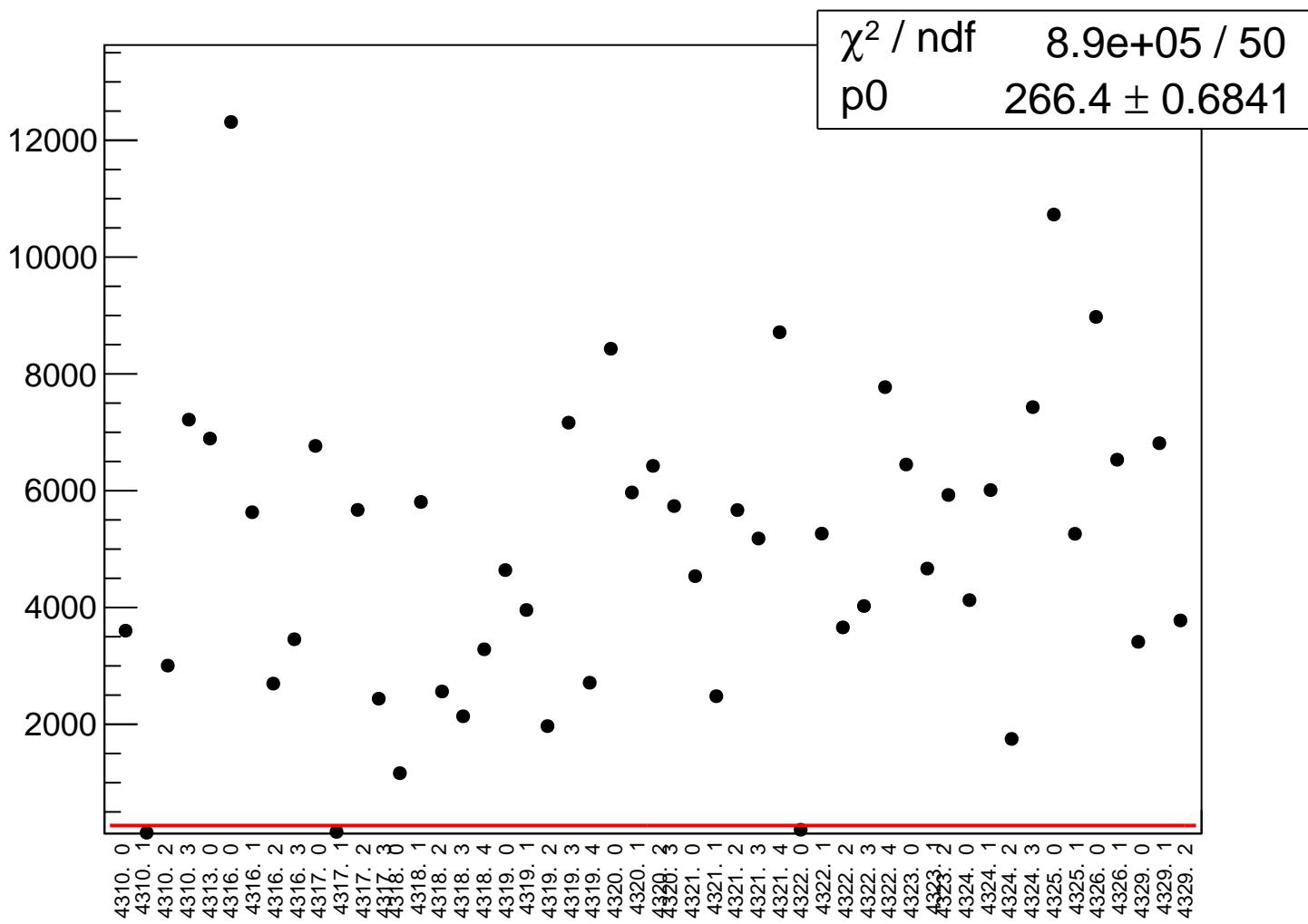
# diff\_cav4dX\_rms vs run



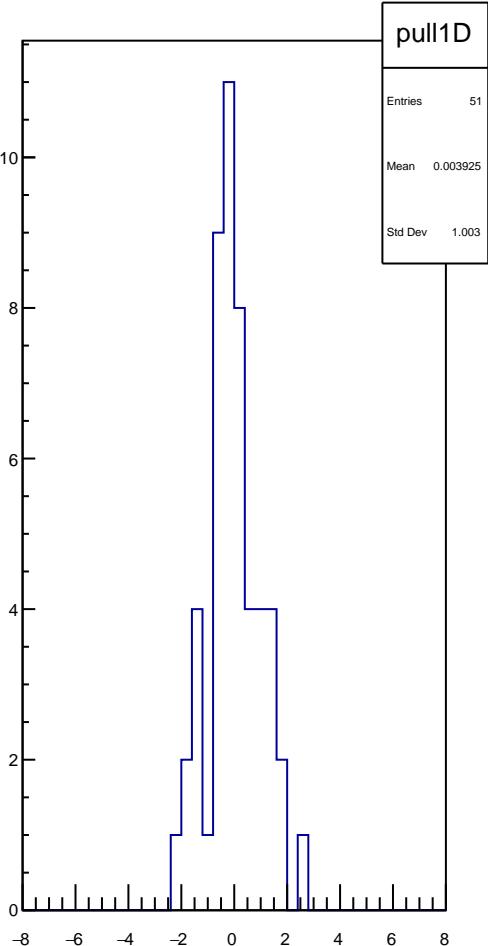
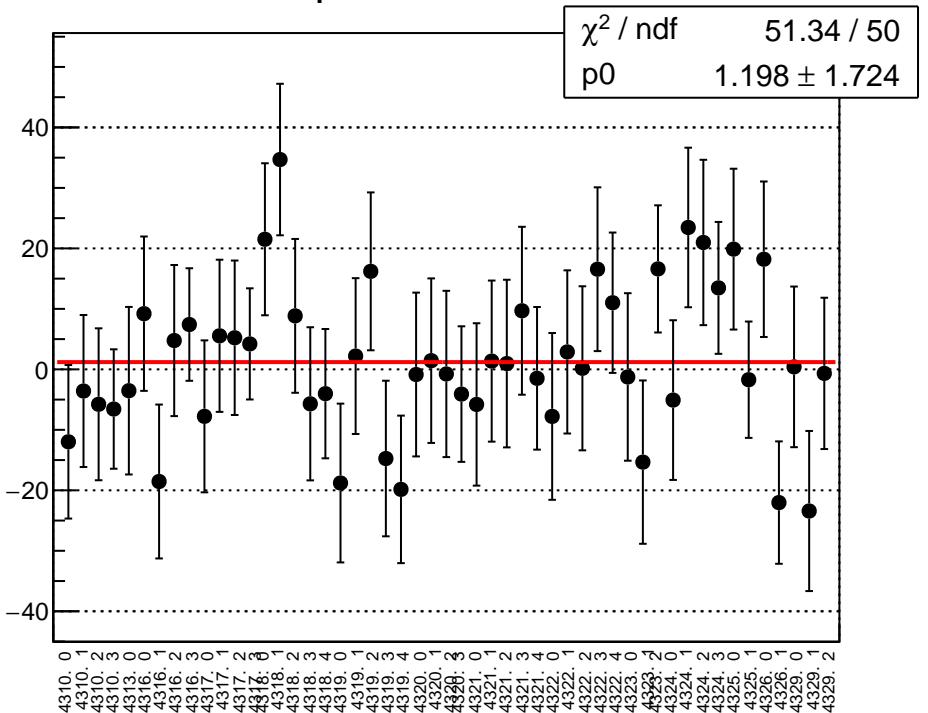
# diff\_cav4dY\_mean vs run



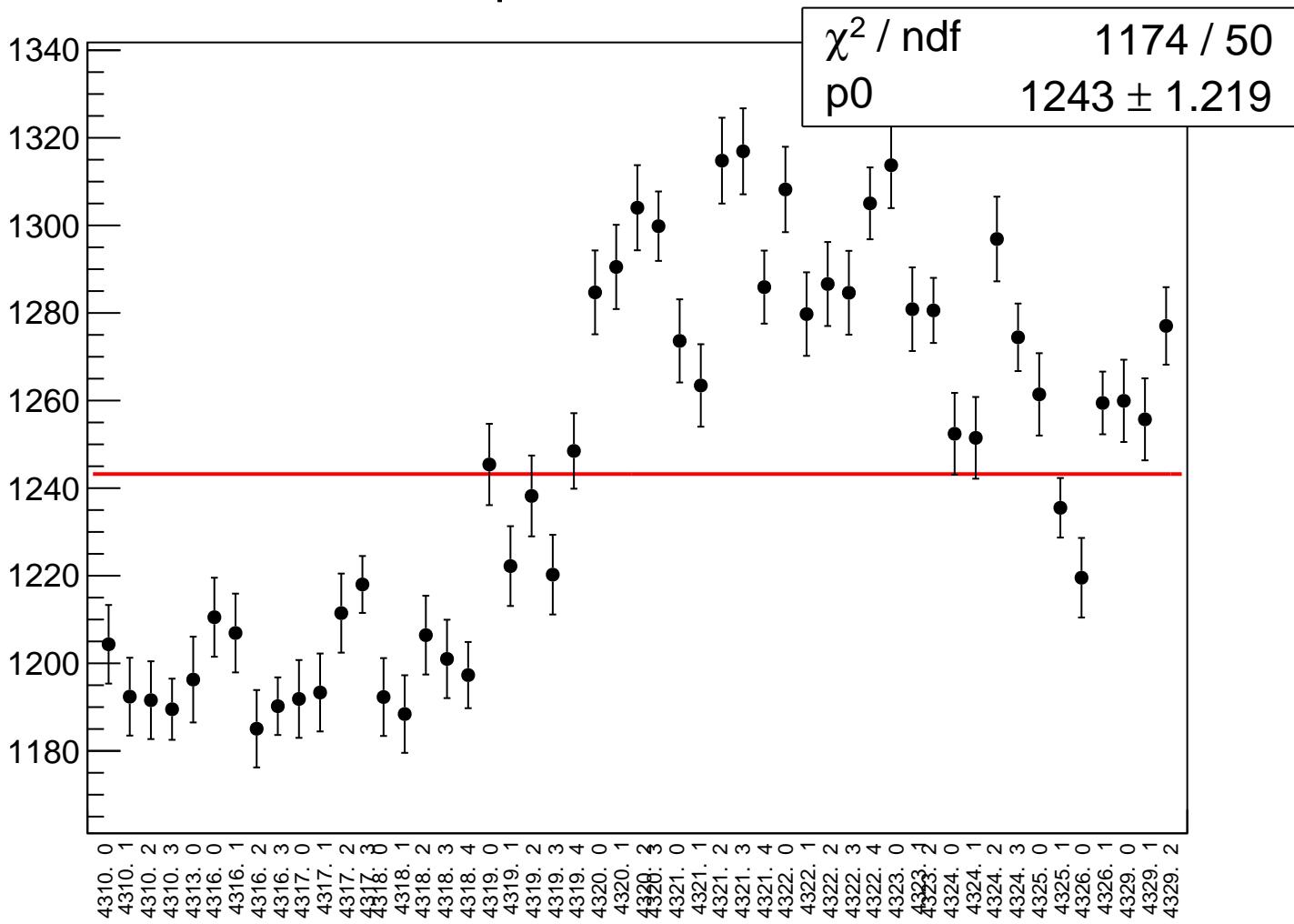
# diff\_cav4dY\_rms vs run



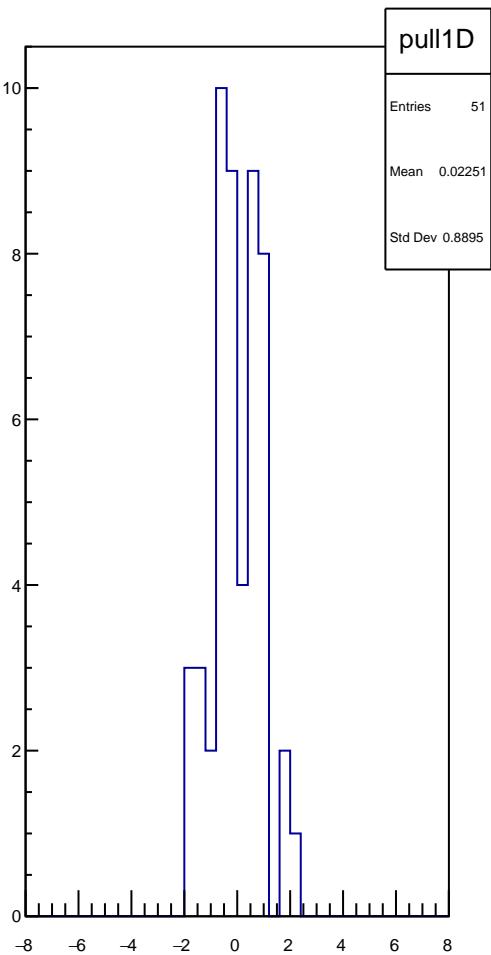
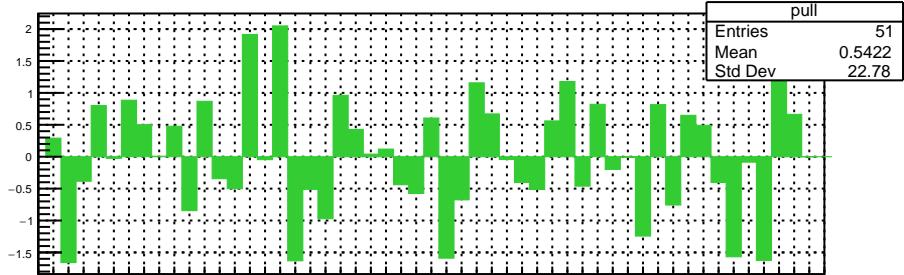
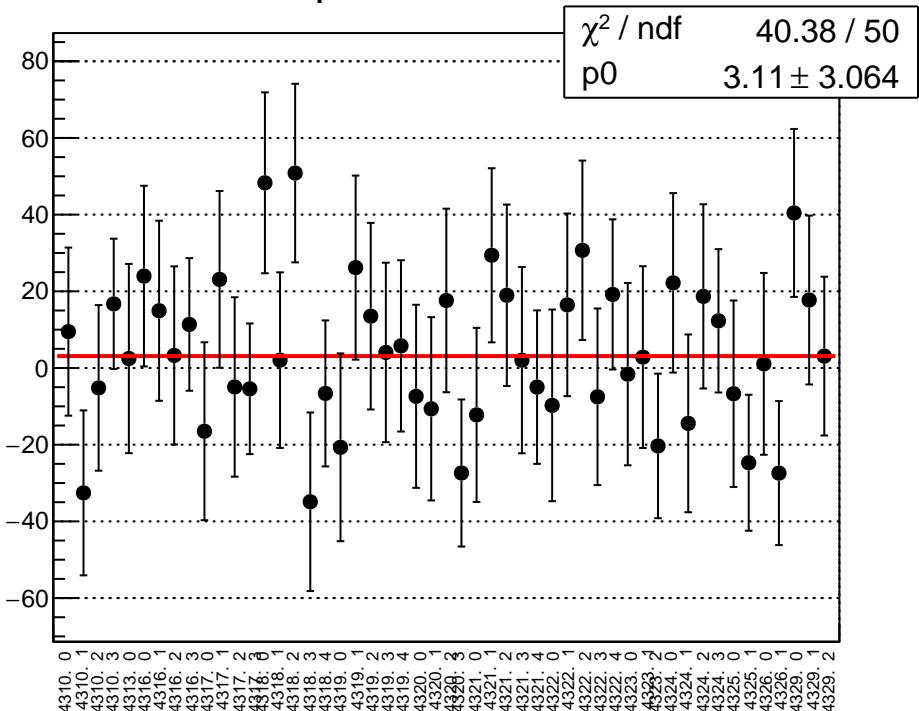
# diff\_bpm4aX\_mean vs run



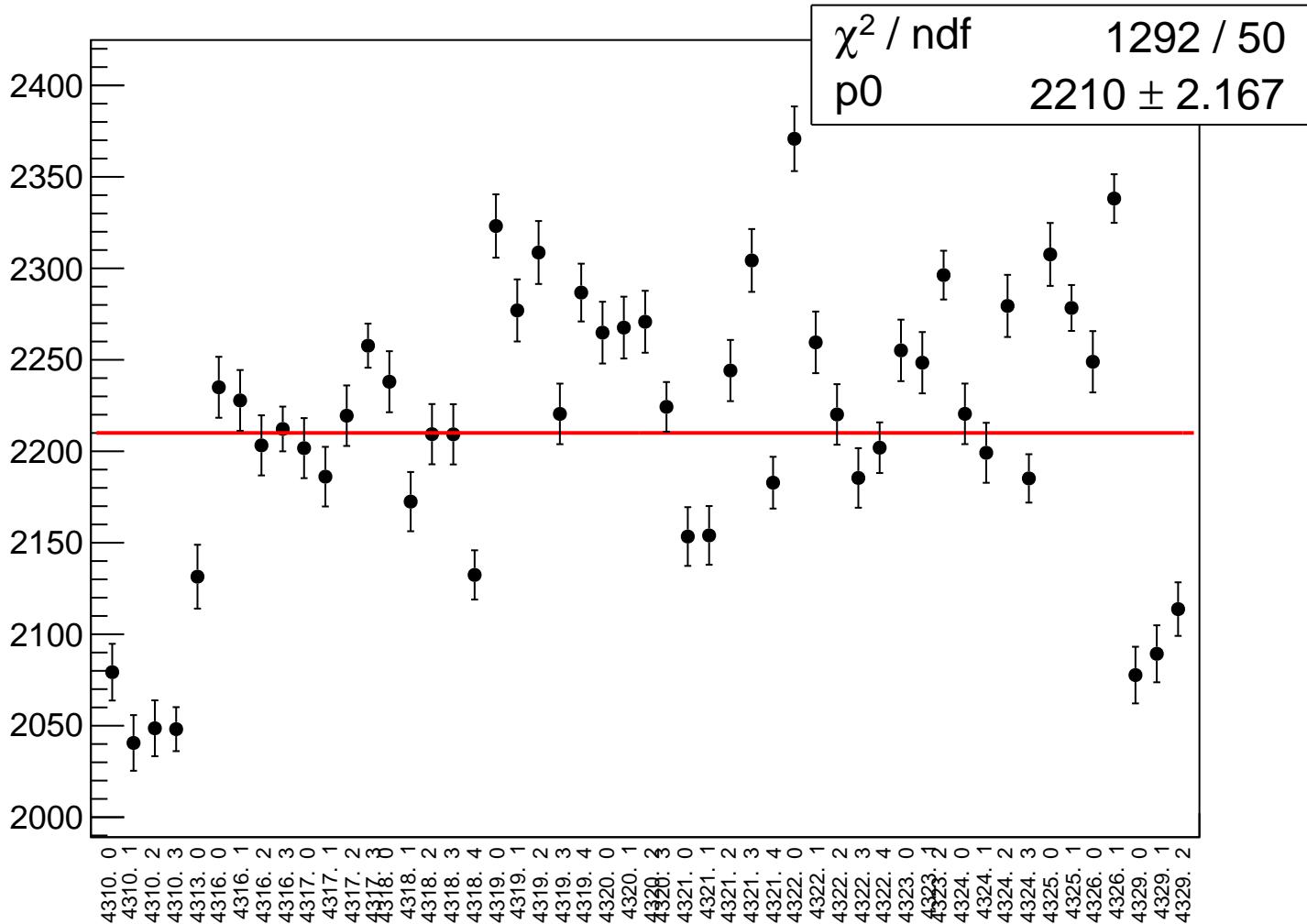
# diff\_bpm4aX\_rms vs run



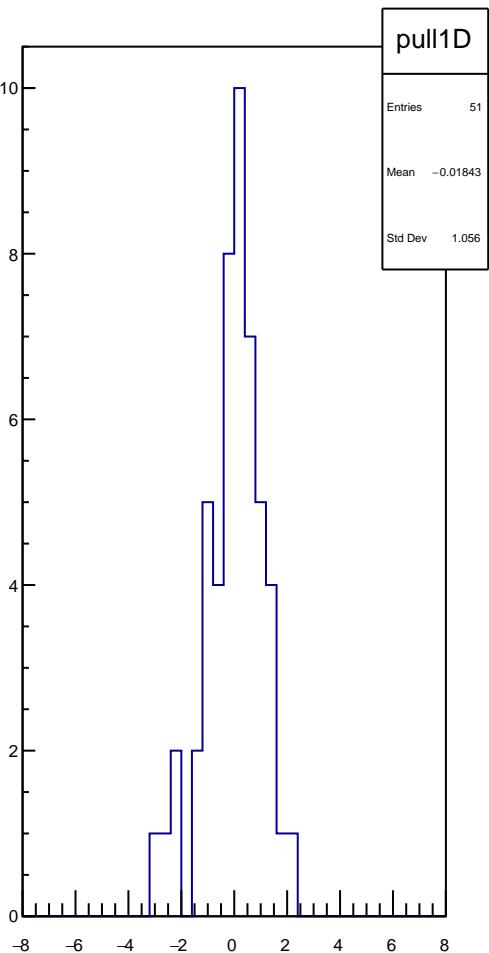
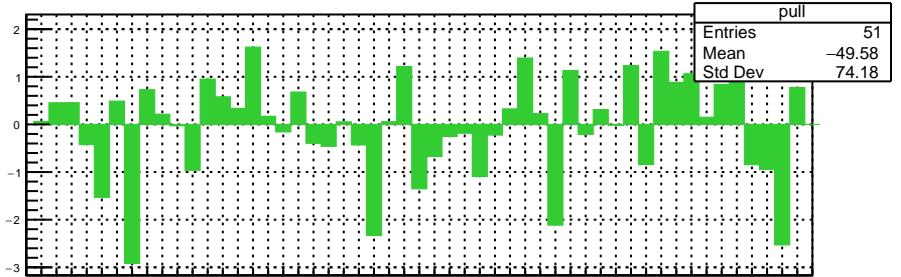
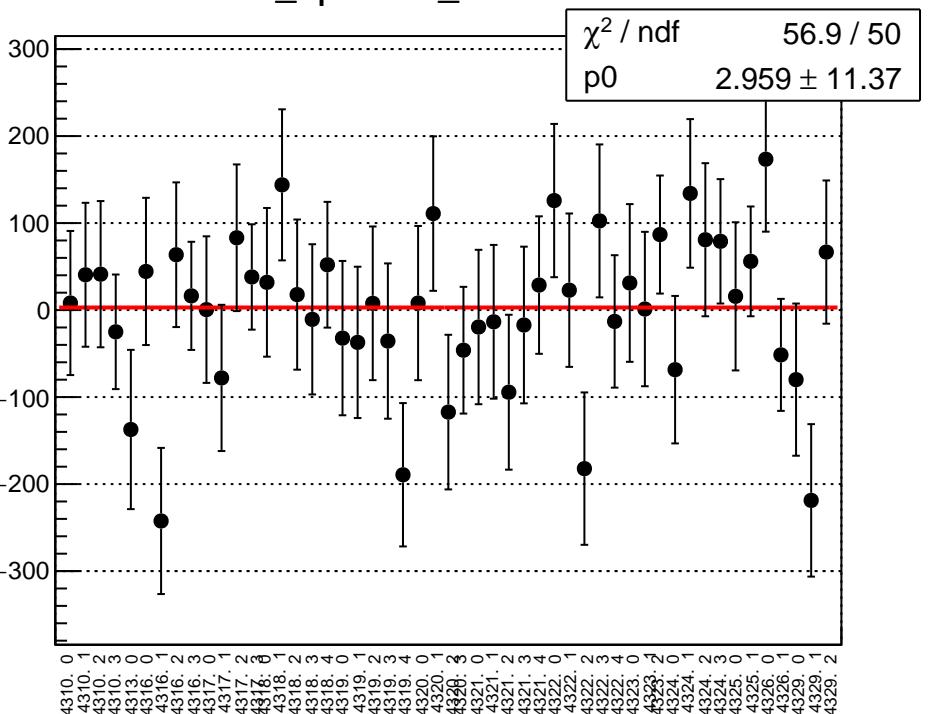
# diff\_bpm4aY\_mean vs run



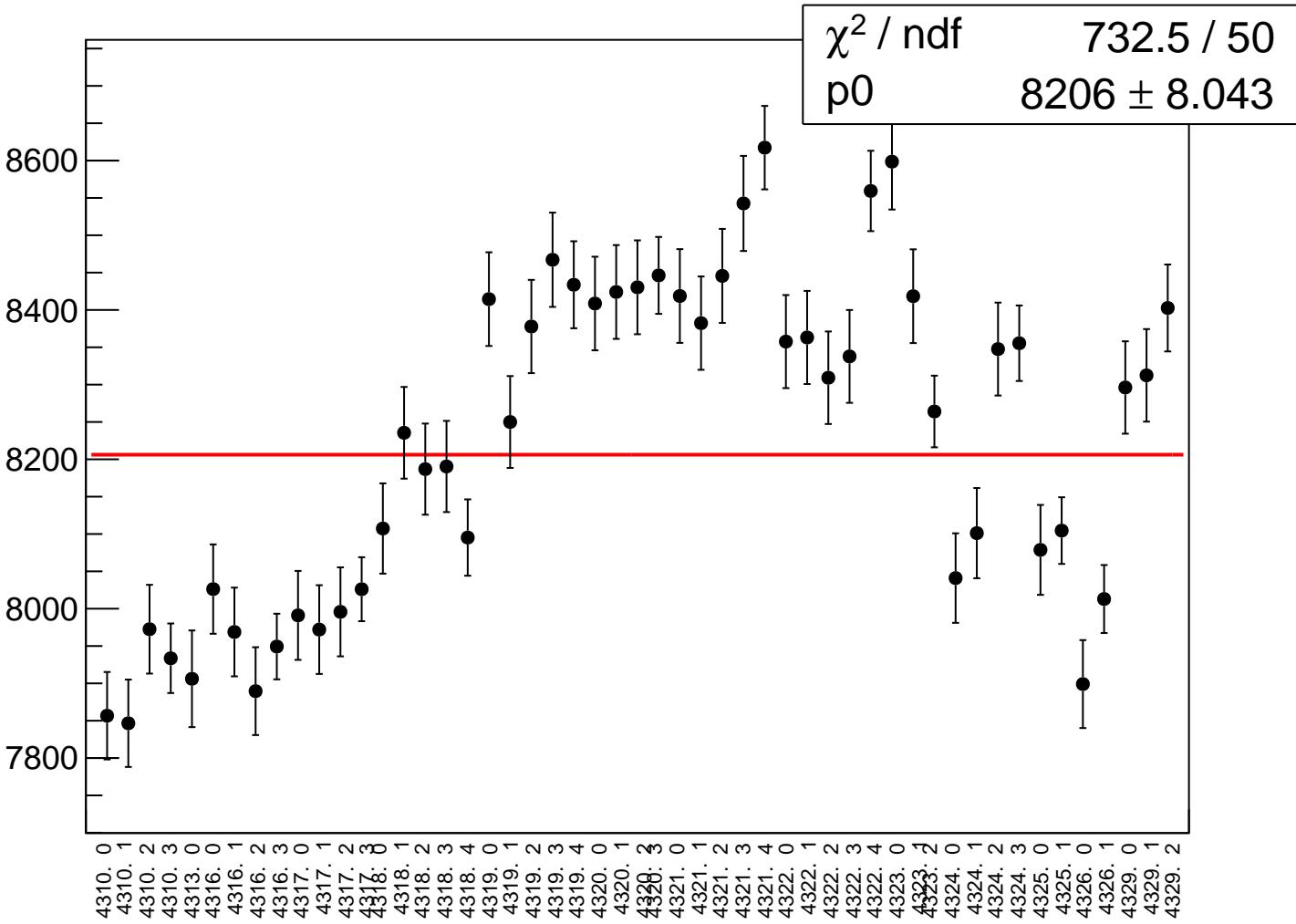
# diff\_bpm4aY\_rms vs run



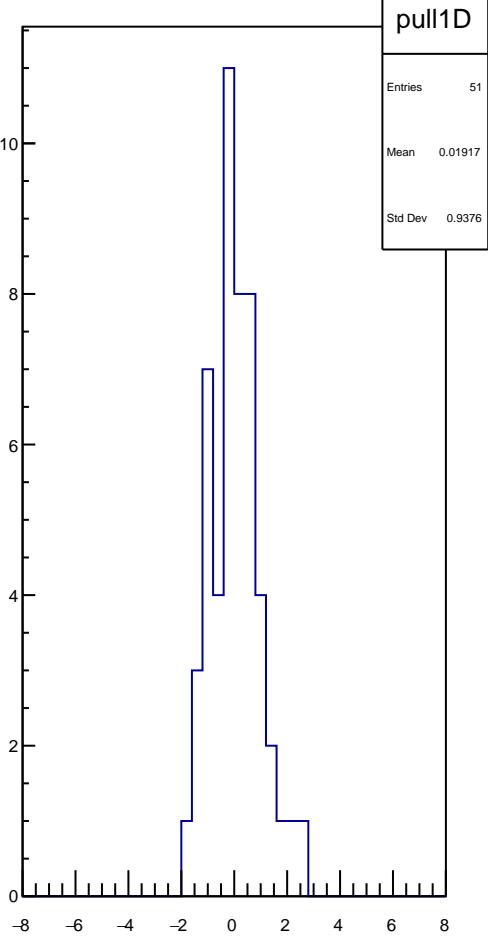
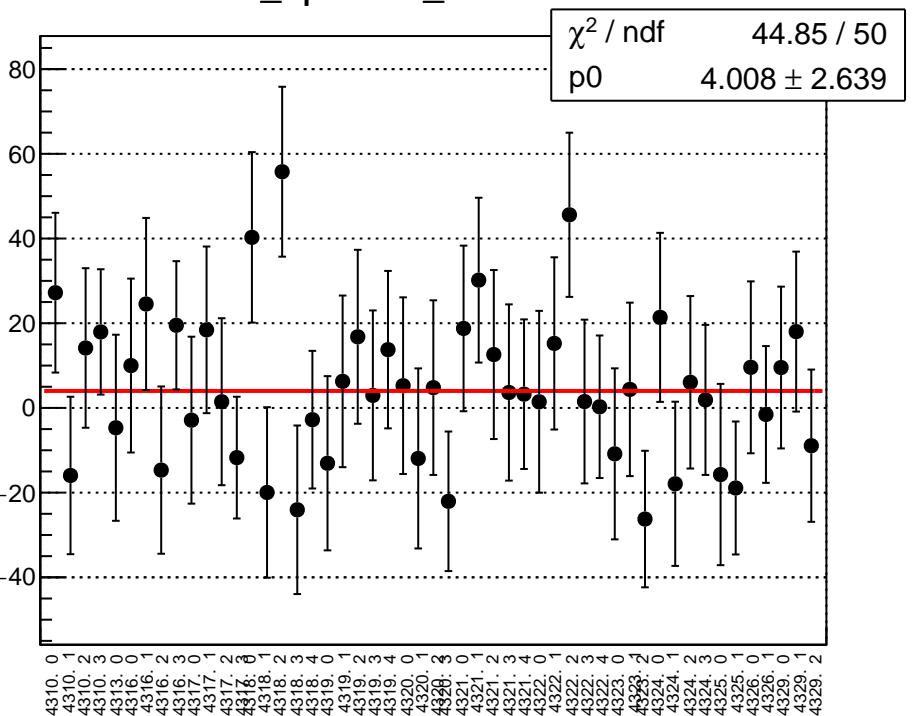
# diff\_bpm4eX\_mean vs run



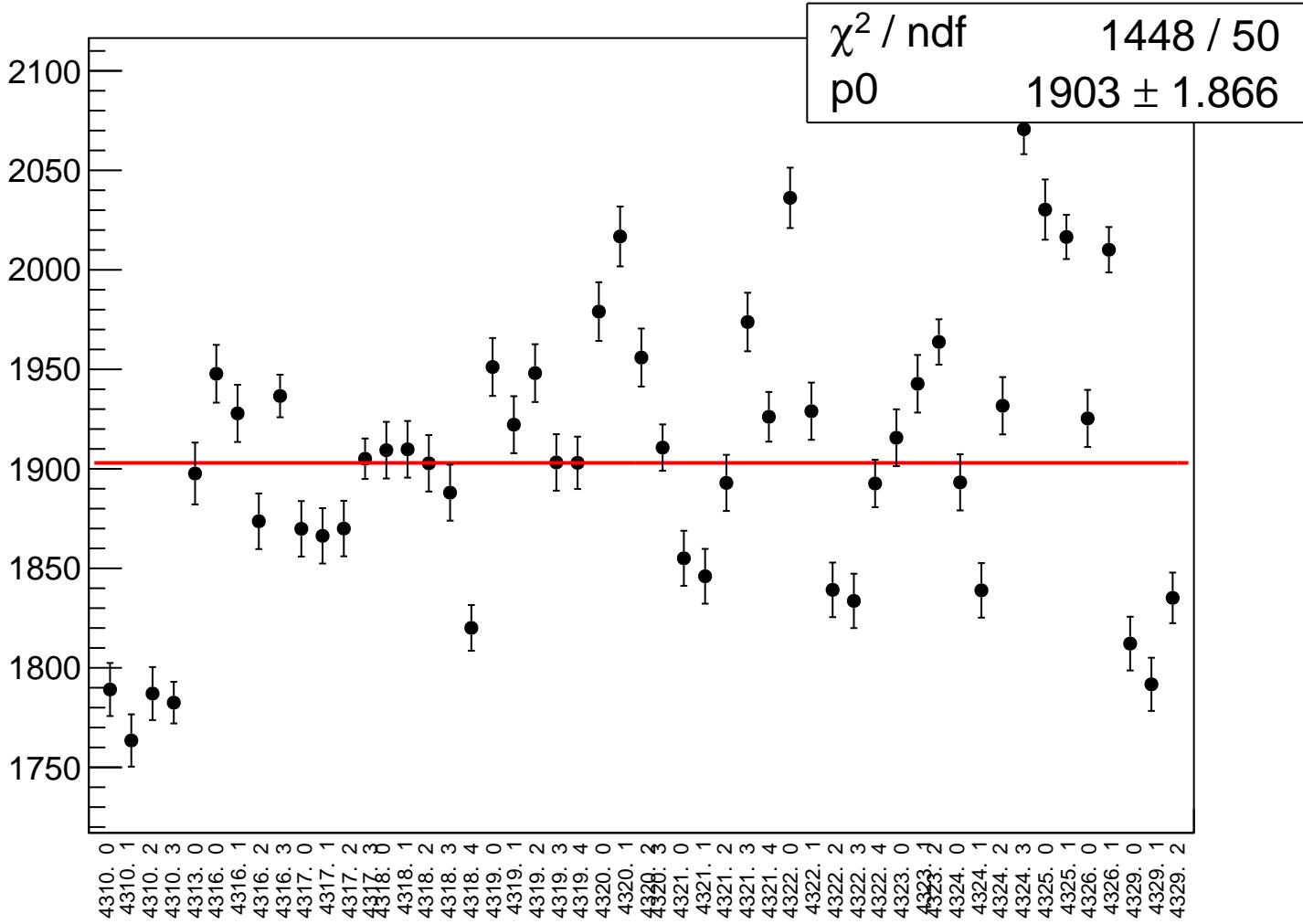
# diff\_bpm4eX\_rms vs run



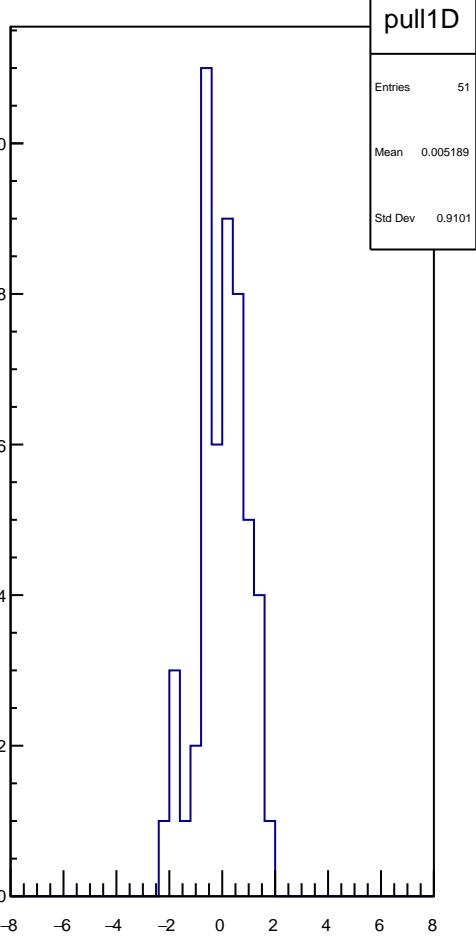
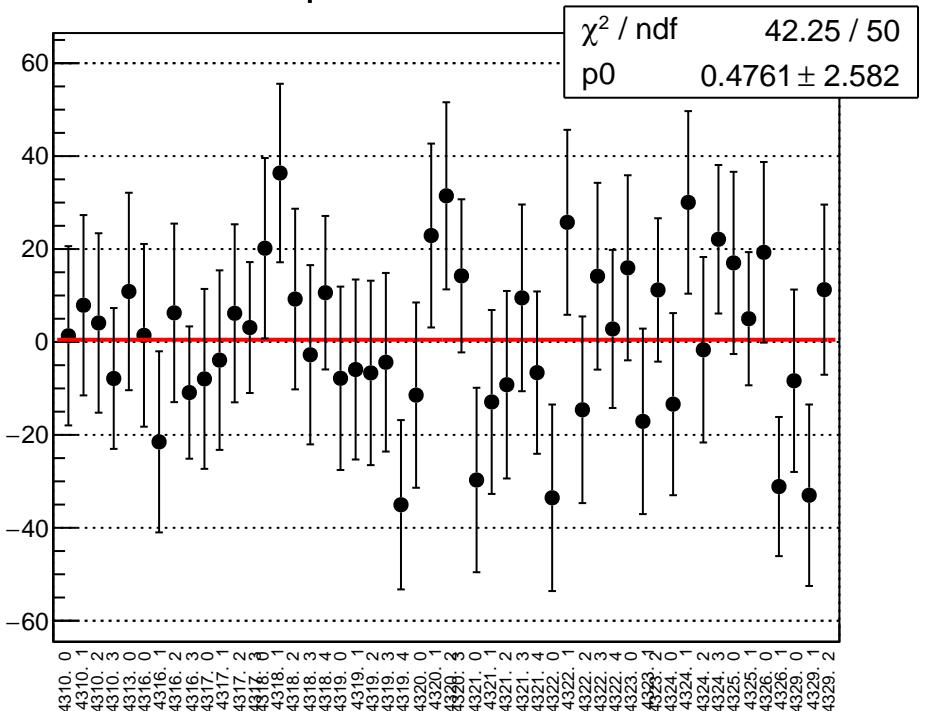
# diff\_bpm4eY\_mean vs run



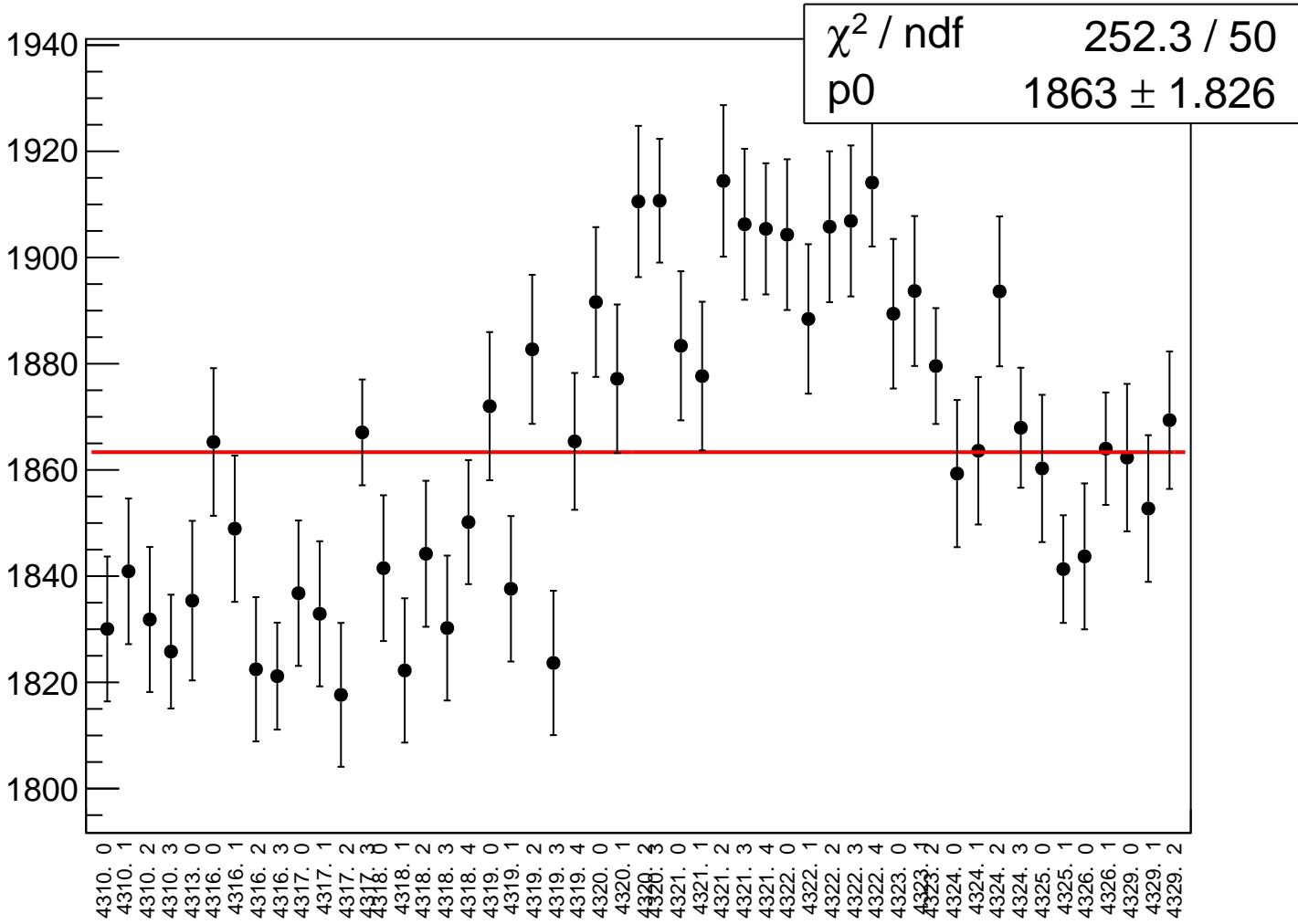
# diff\_bpm4eY\_rms vs run



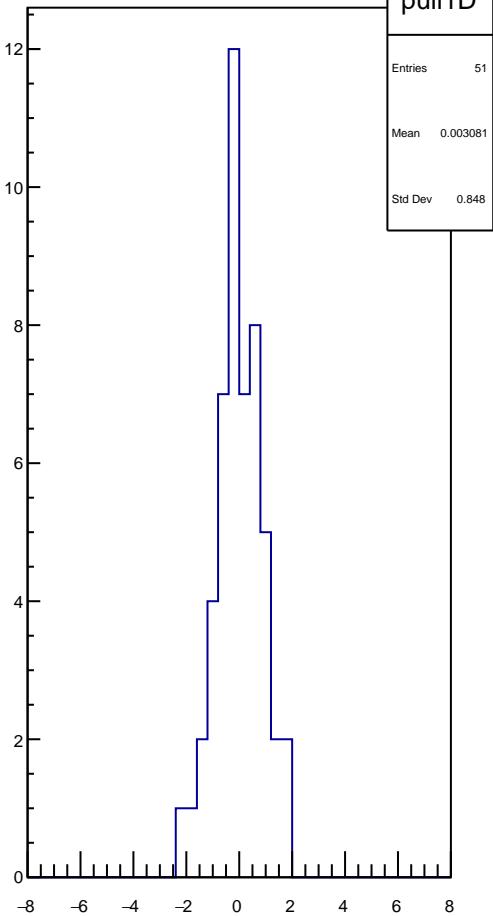
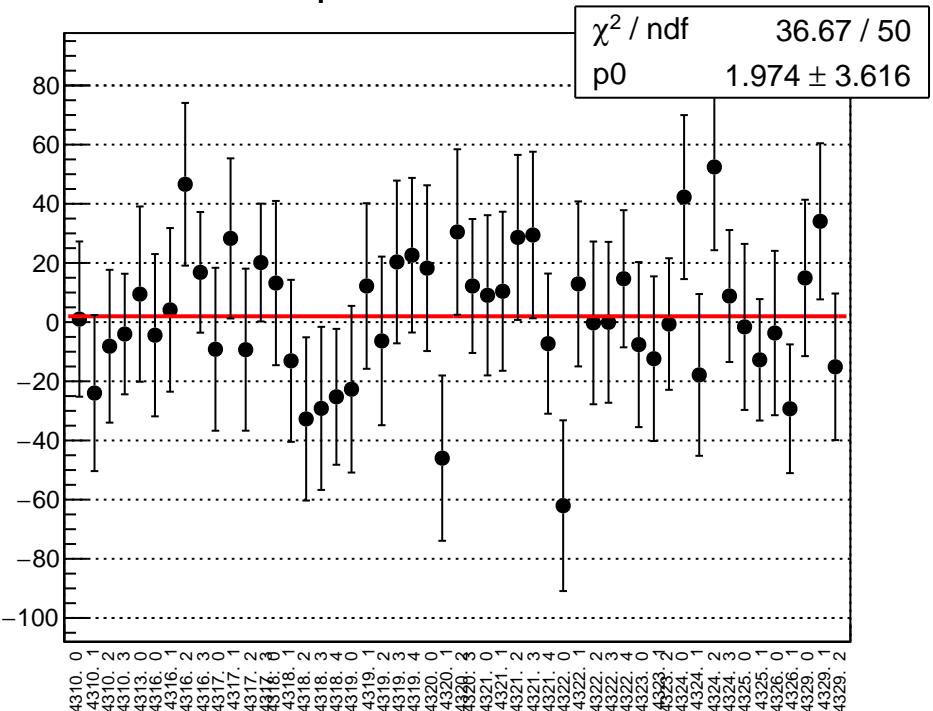
# diff\_bpm4acX\_mean vs run



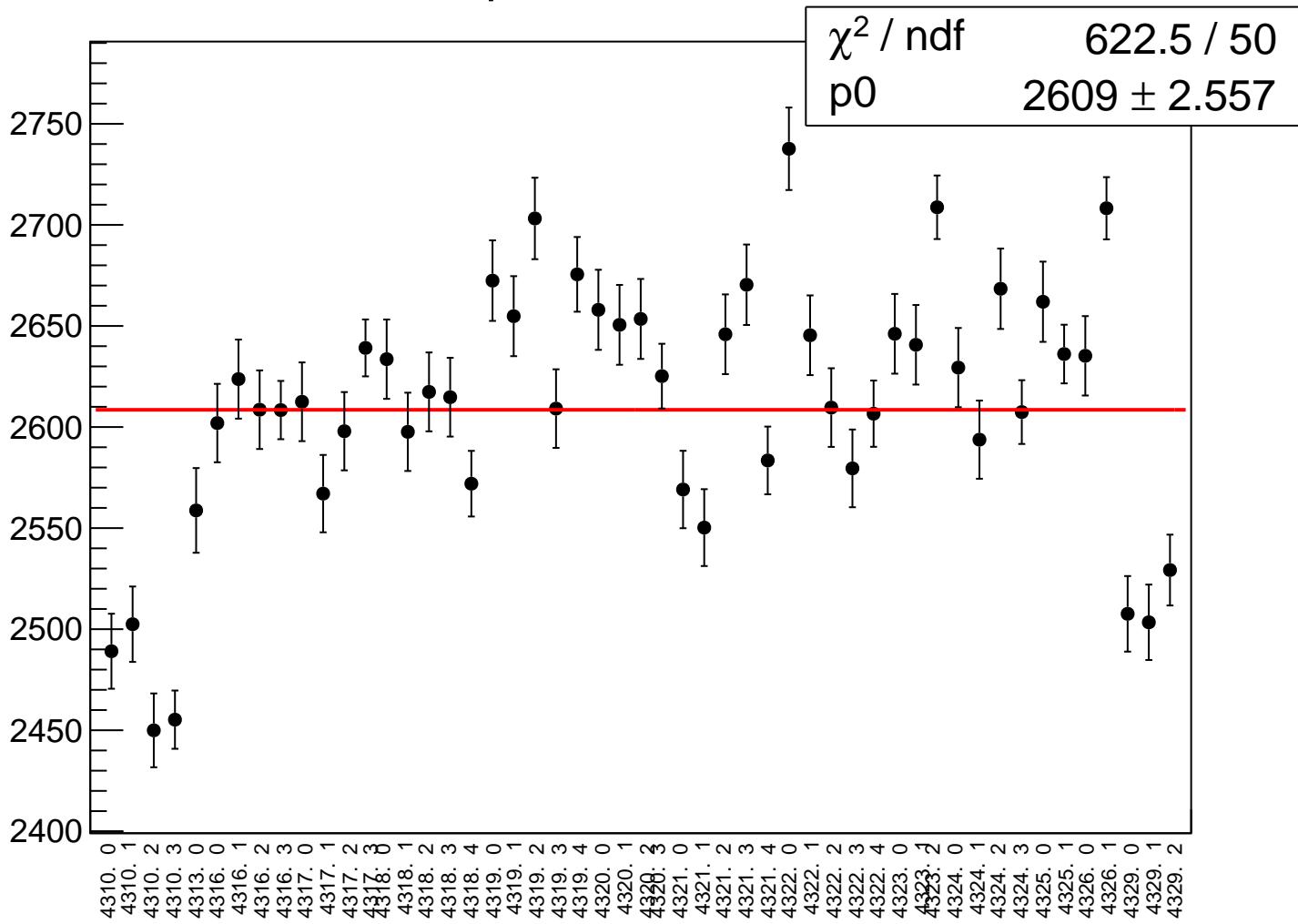
# diff\_bpm4acX\_rms vs run

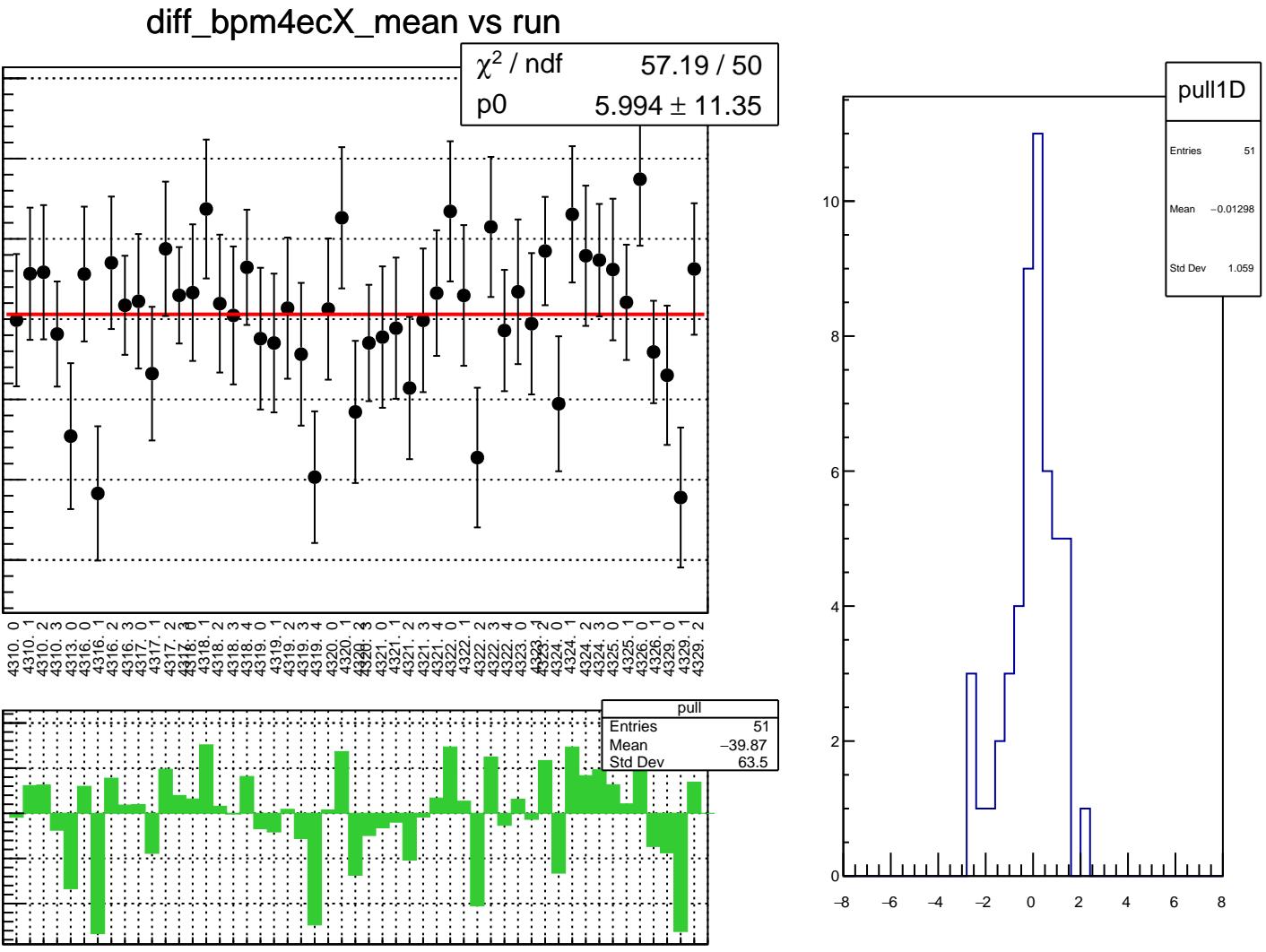


# diff\_bpm4acY\_mean vs run

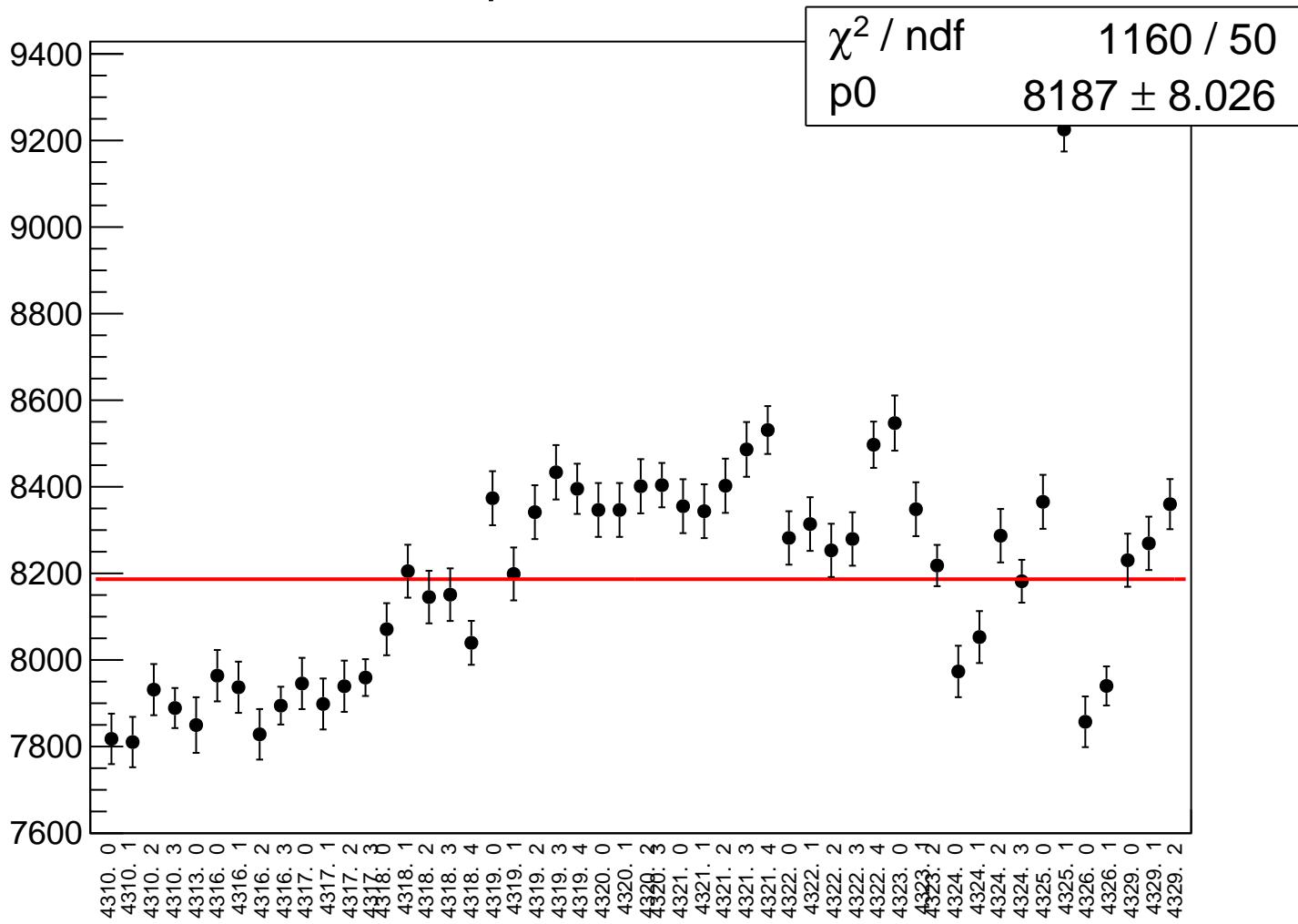


# diff\_bpm4acY\_rms vs run

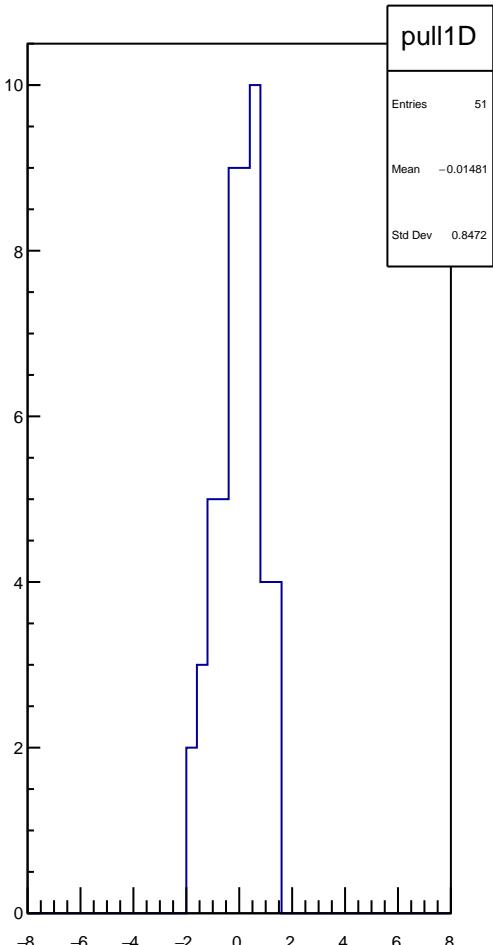
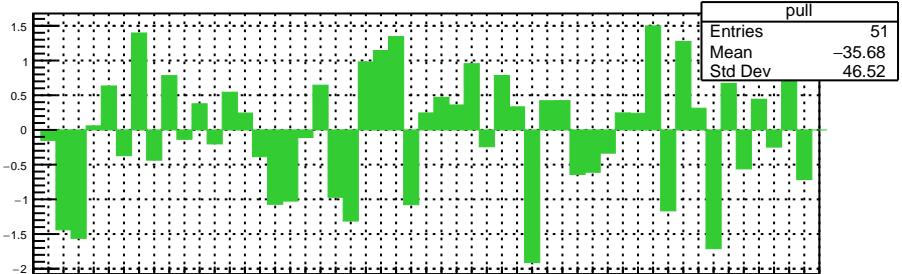
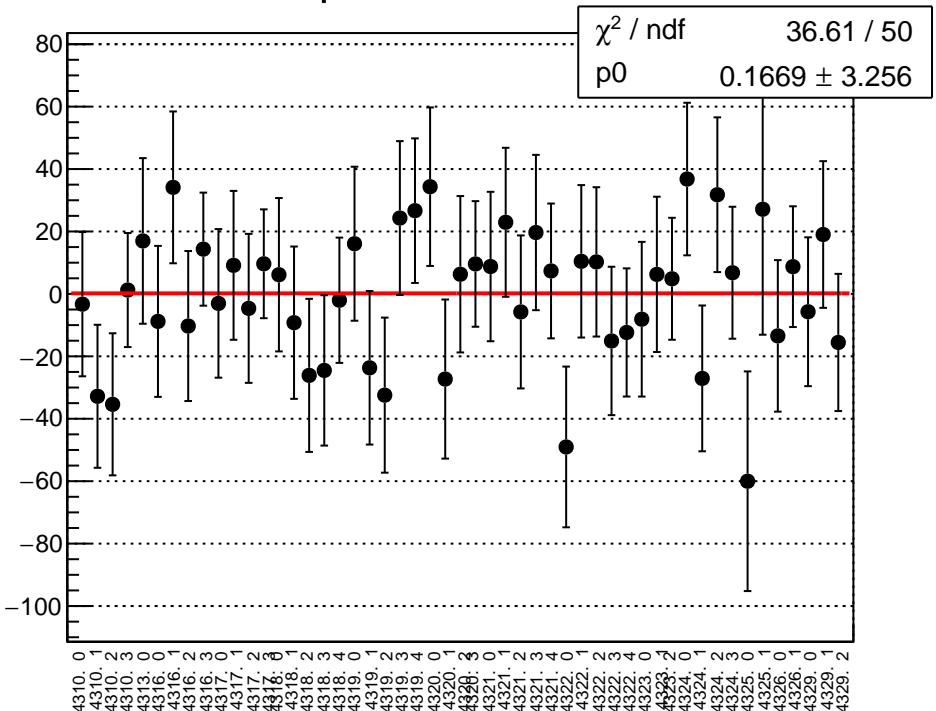




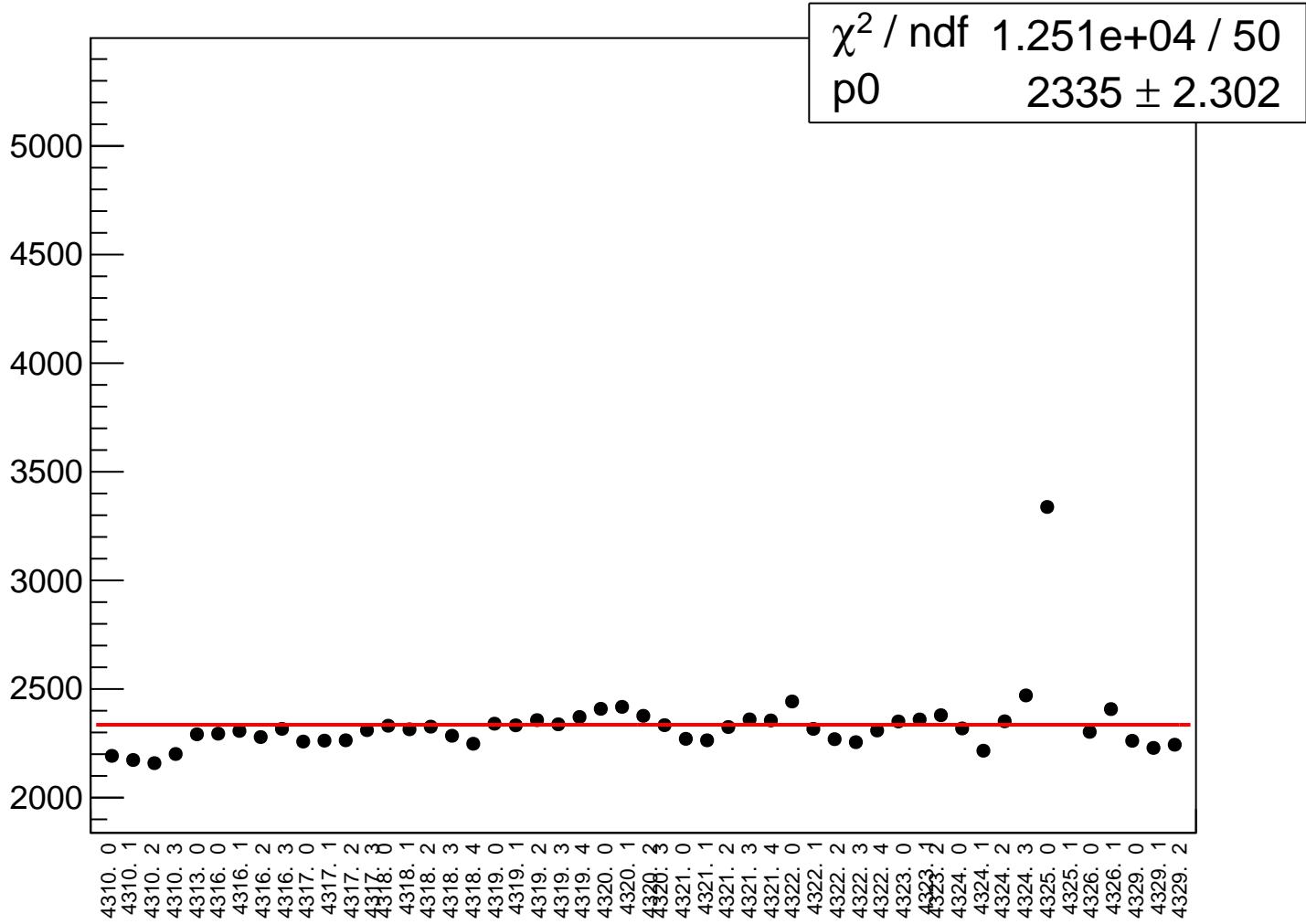
# diff\_bpm4ecX\_rms vs run



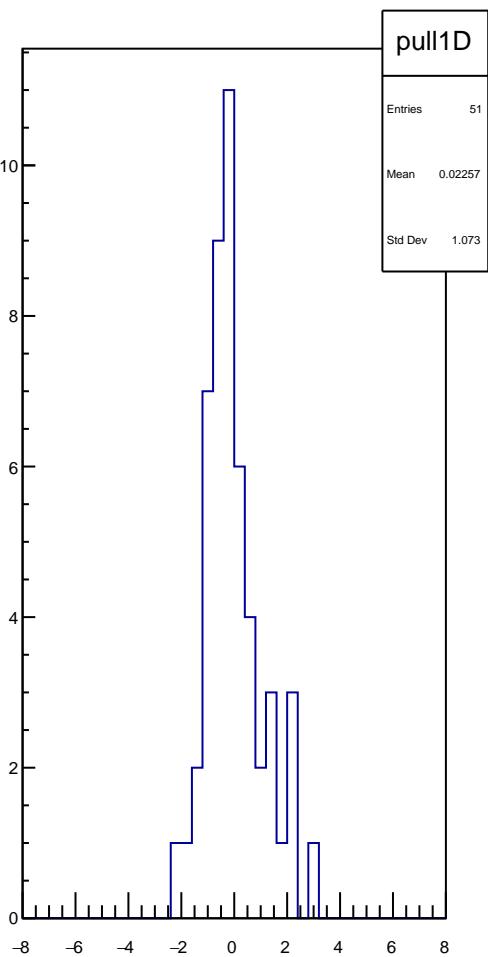
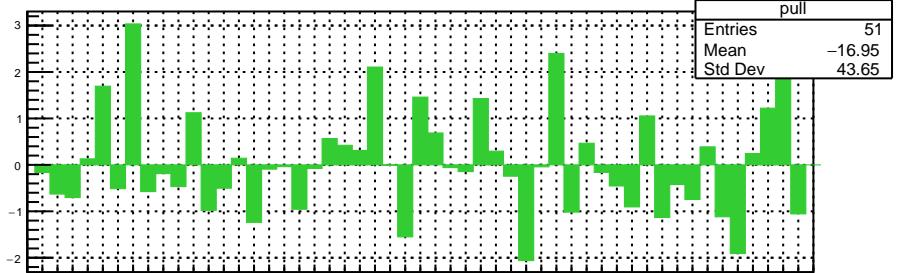
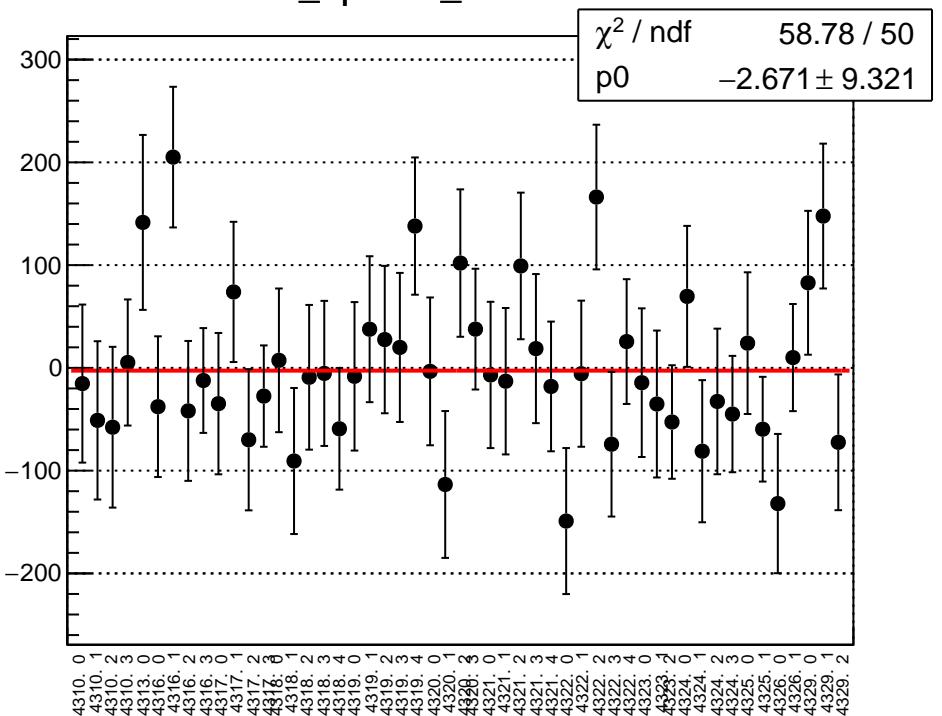
# diff\_bpm4ecY\_mean vs run



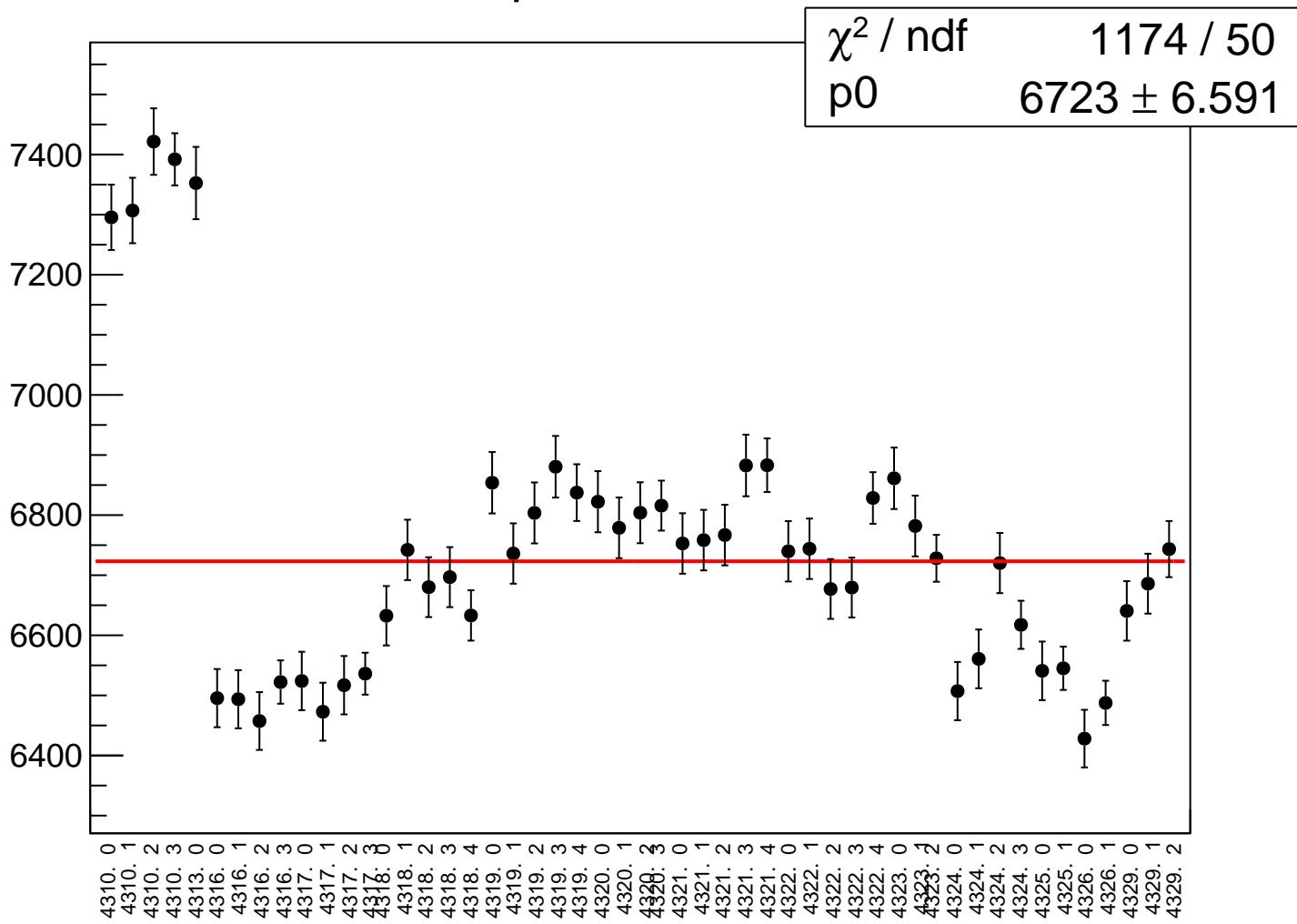
# diff\_bpm4ecY\_rms vs run



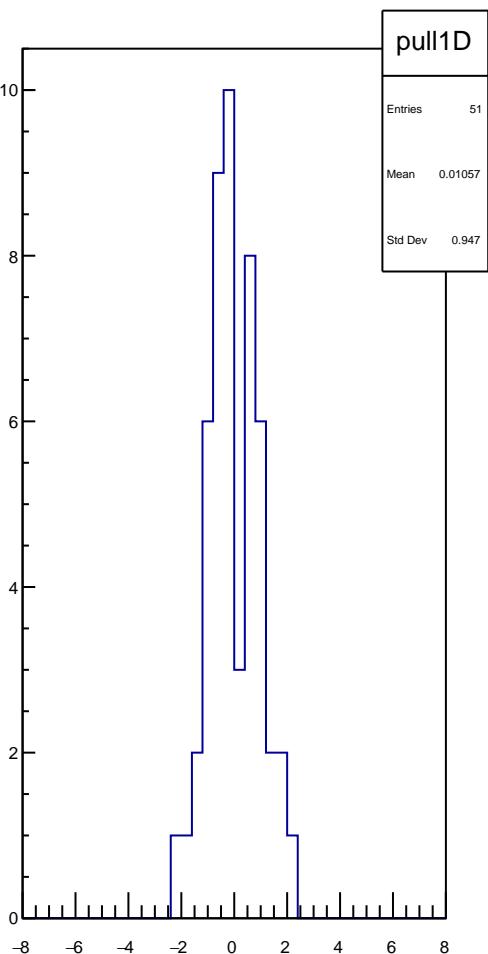
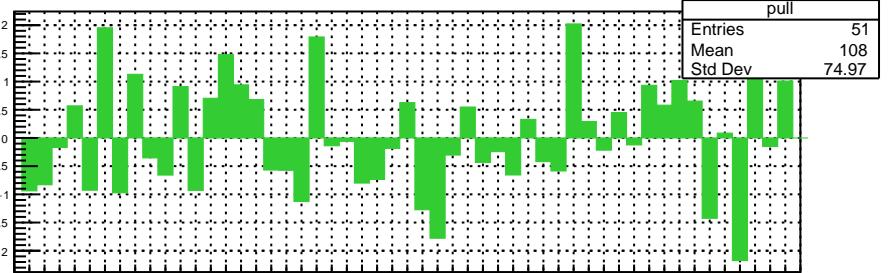
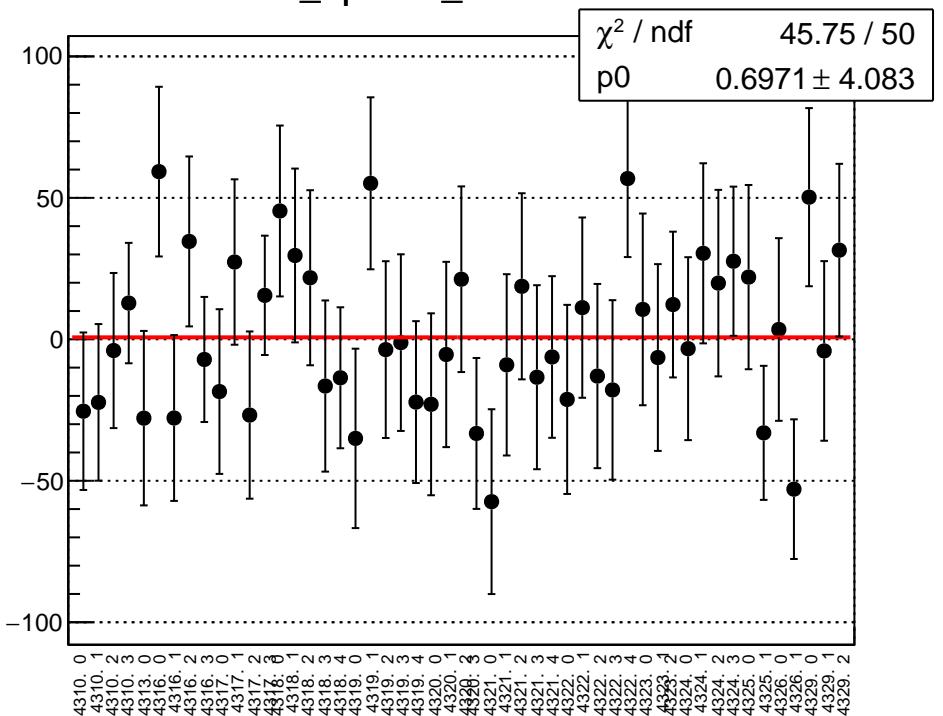
# diff\_bpm1X\_mean vs run



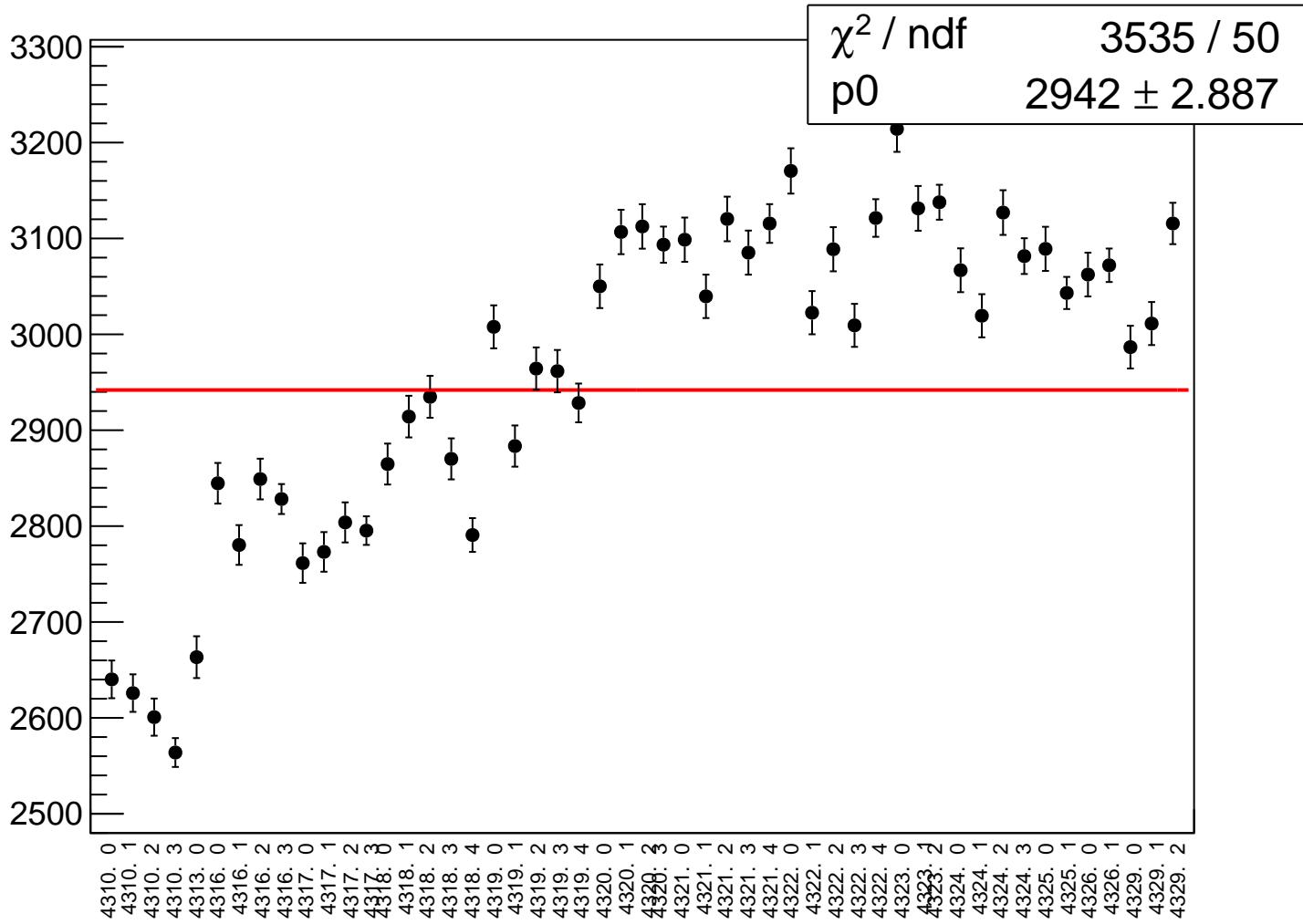
# diff\_bpm1X\_rms vs run



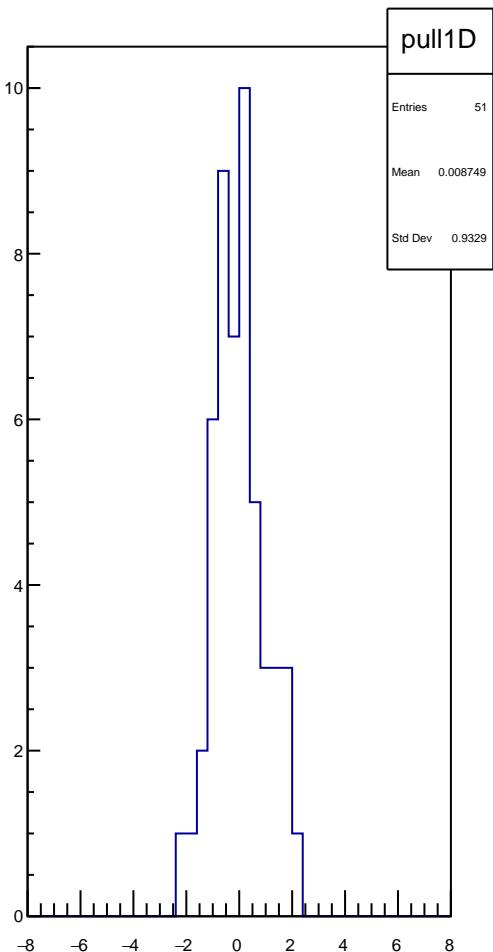
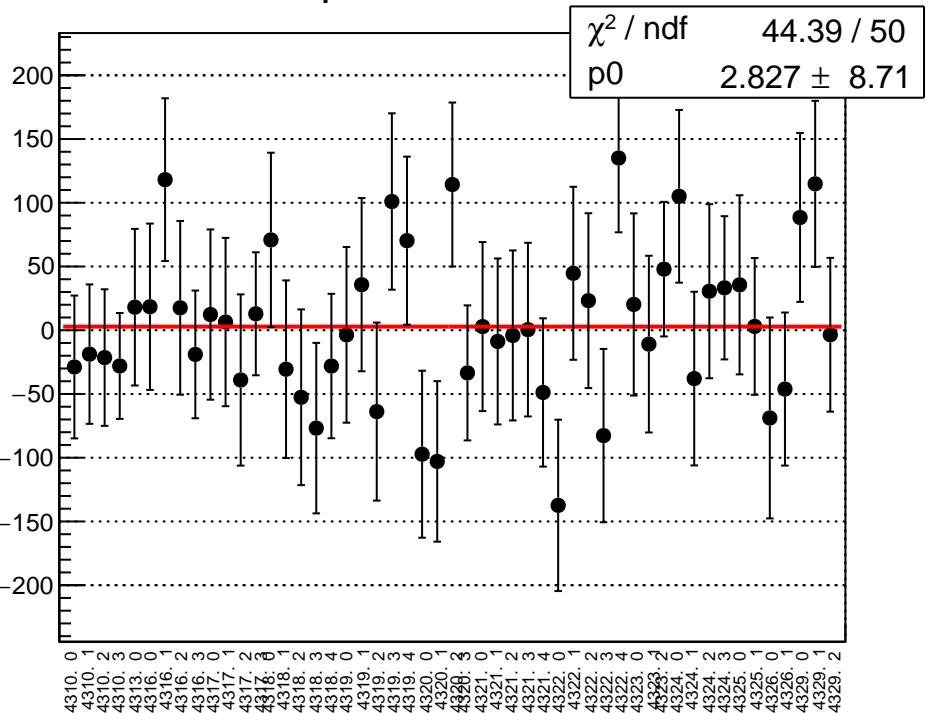
# diff\_bpm1Y\_mean vs run



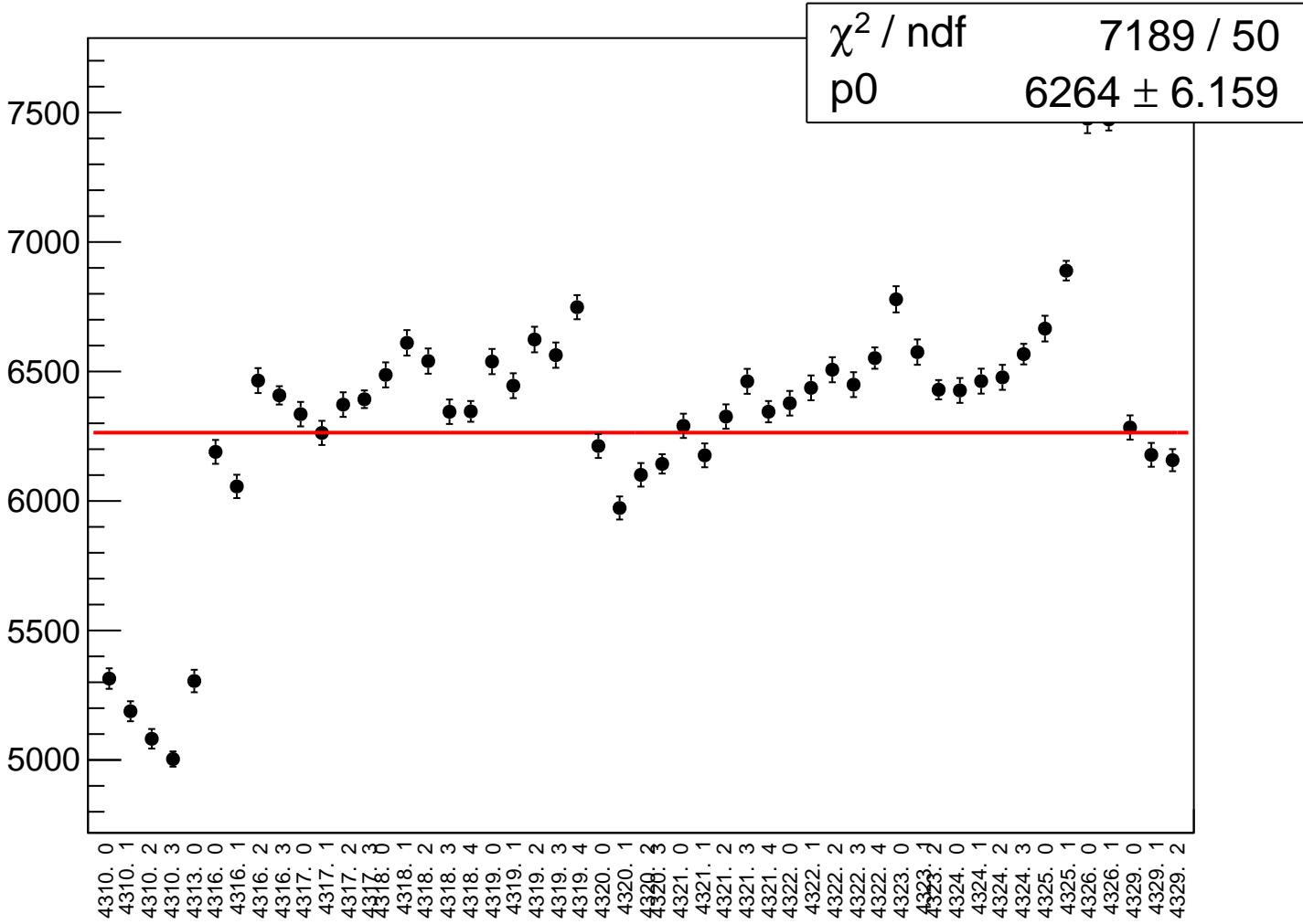
# diff\_bpm1Y\_rms vs run



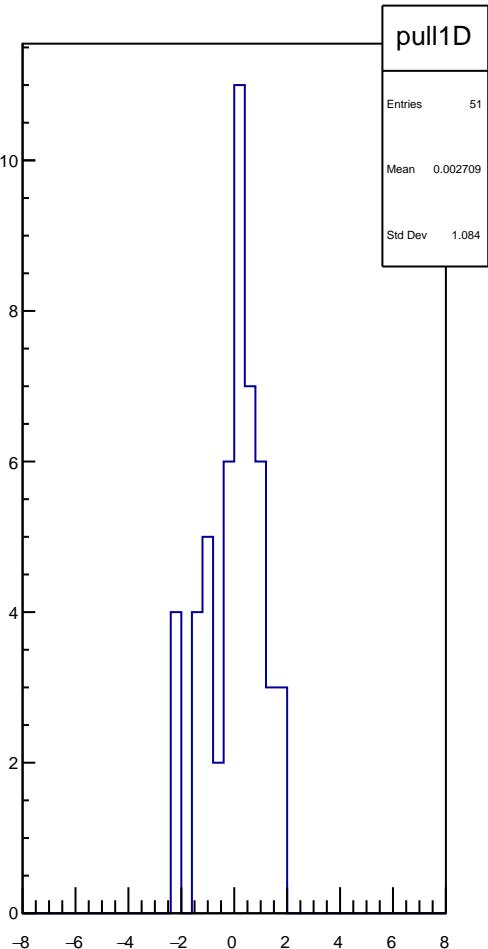
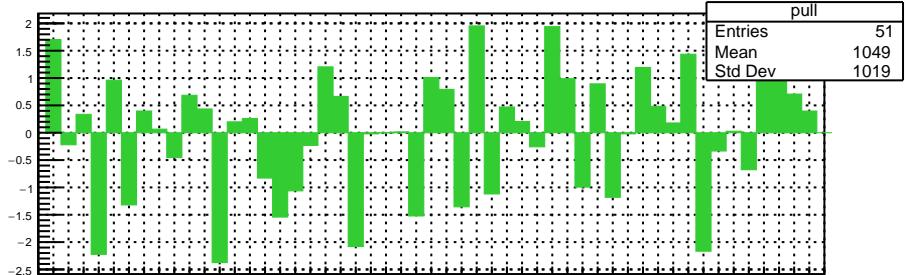
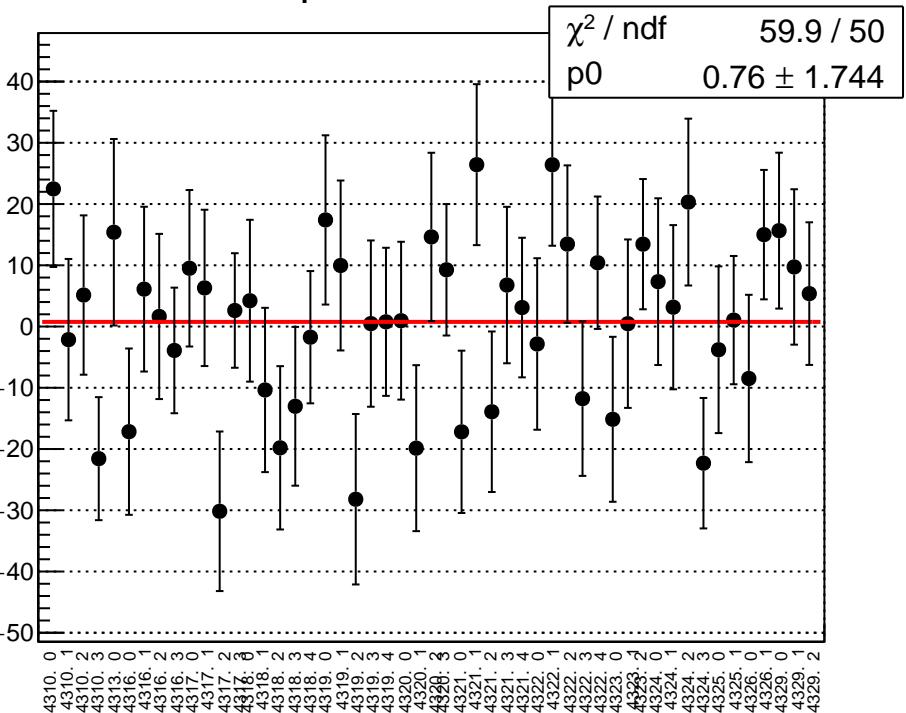
# diff\_bpm11X\_mean vs run



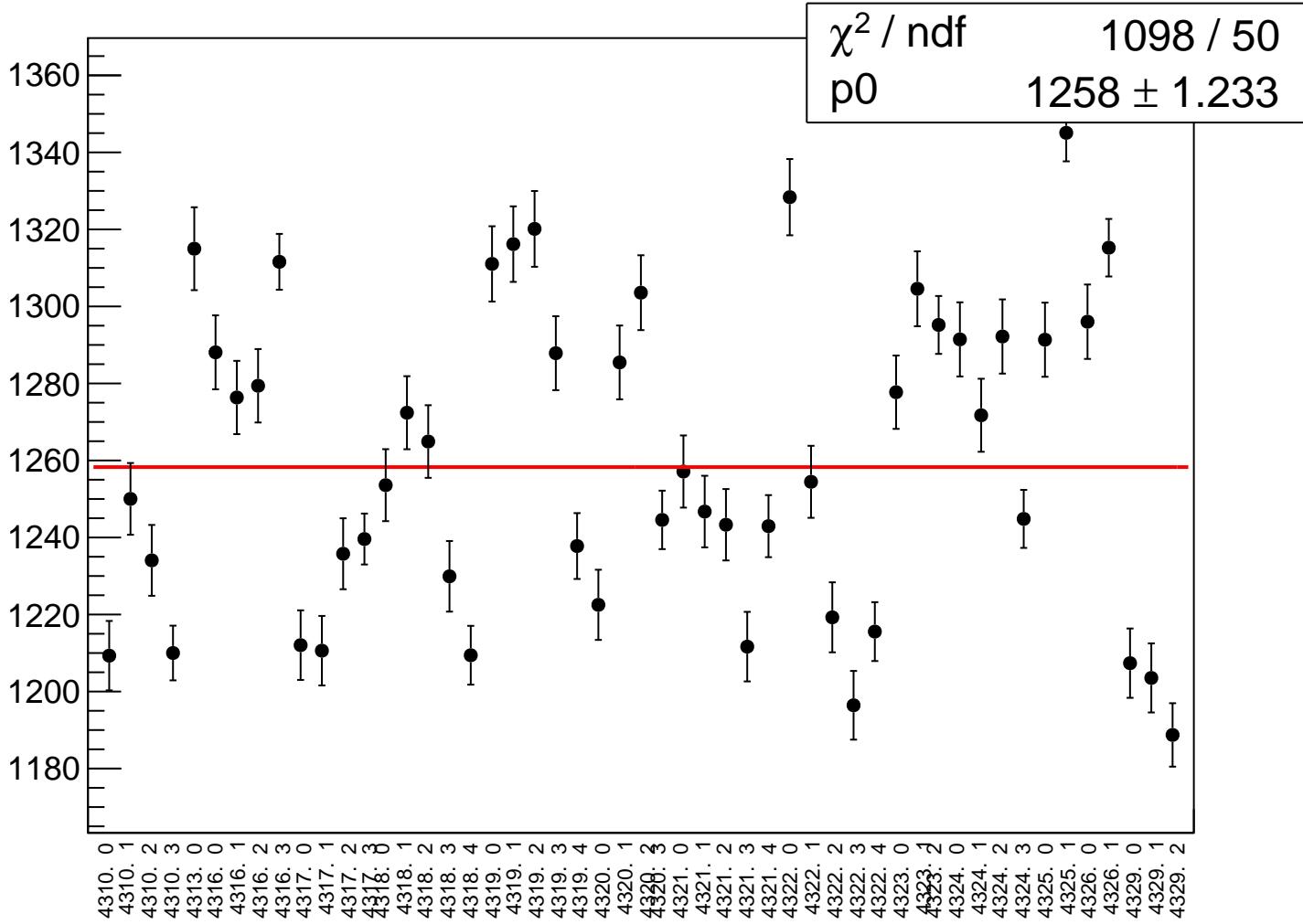
# diff\_bpm11X\_rms vs run



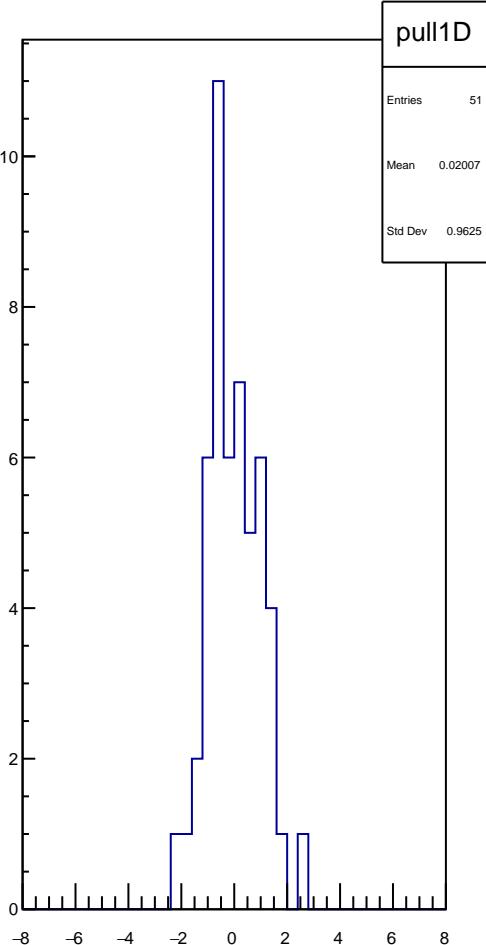
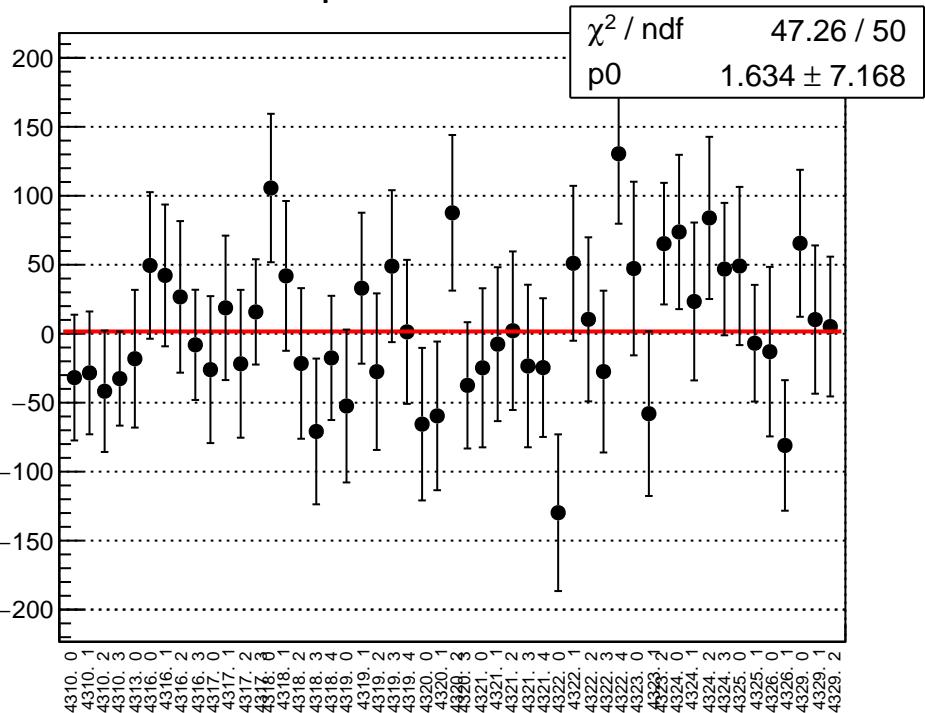
# diff\_bpm11Y\_mean vs run



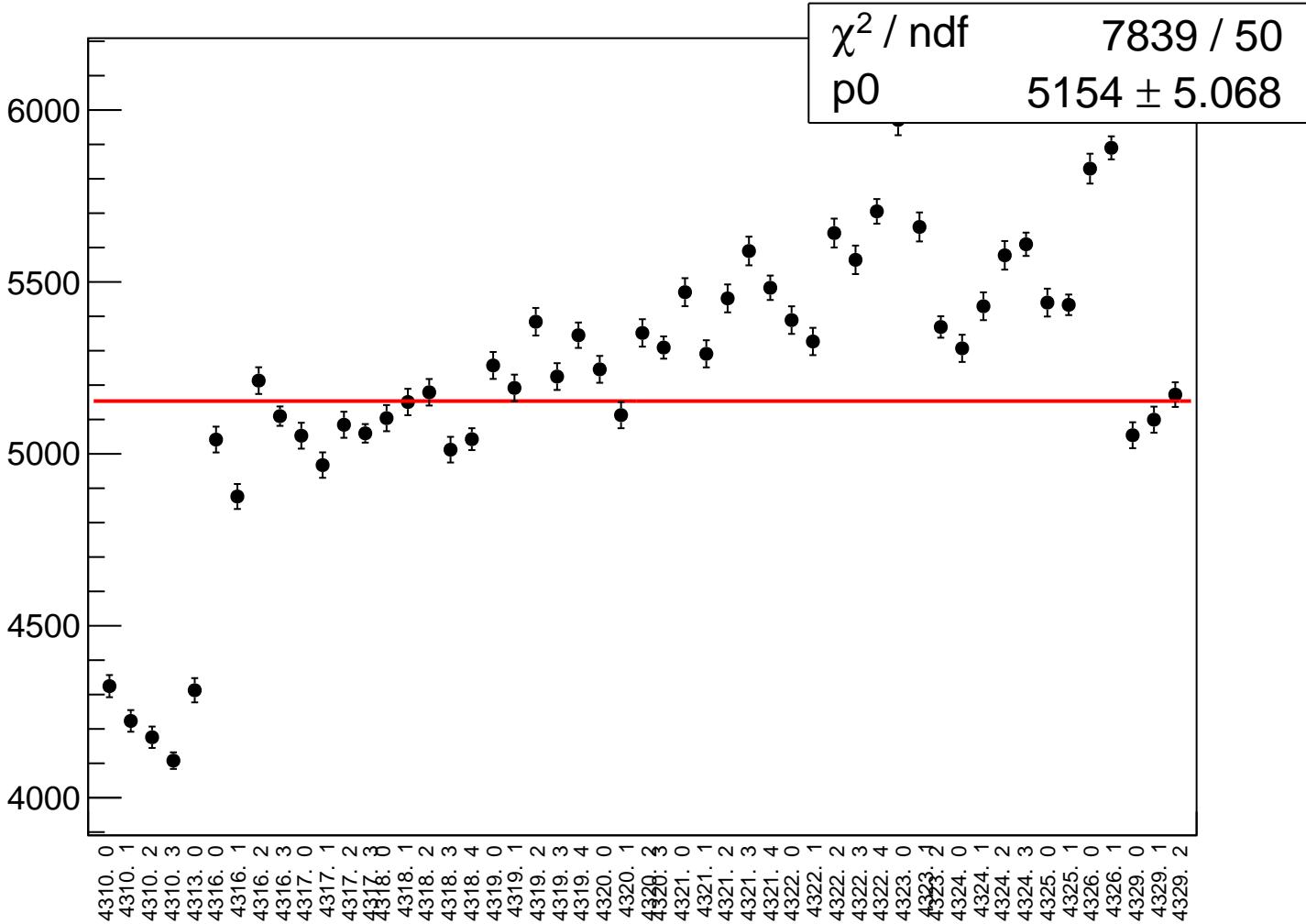
# diff\_bpm11Y\_rms vs run



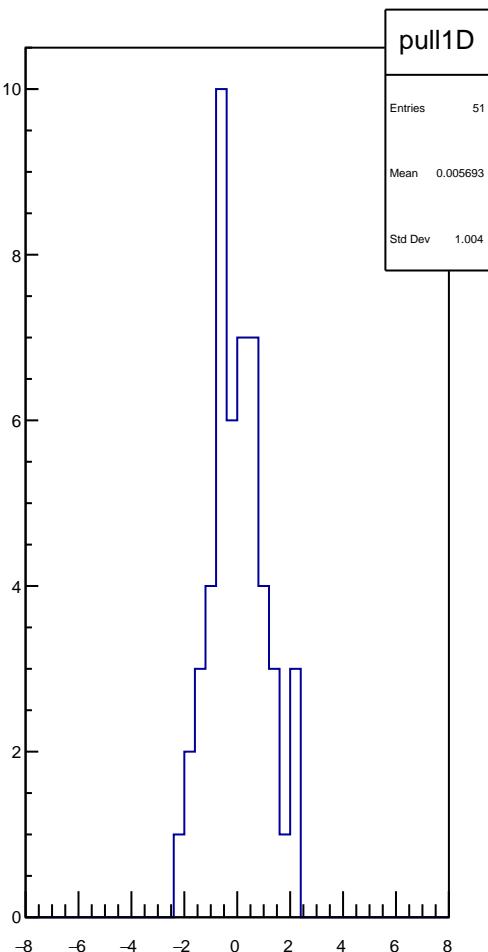
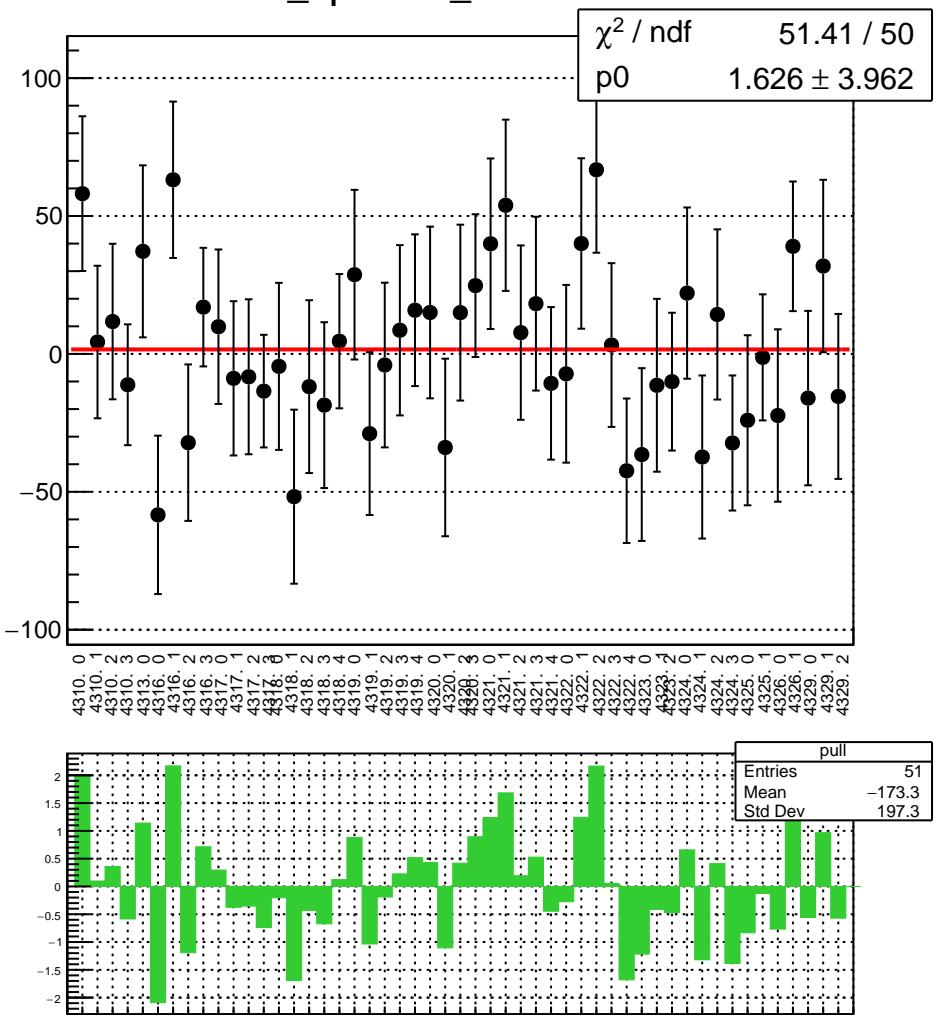
# diff\_bpm12X\_mean vs run



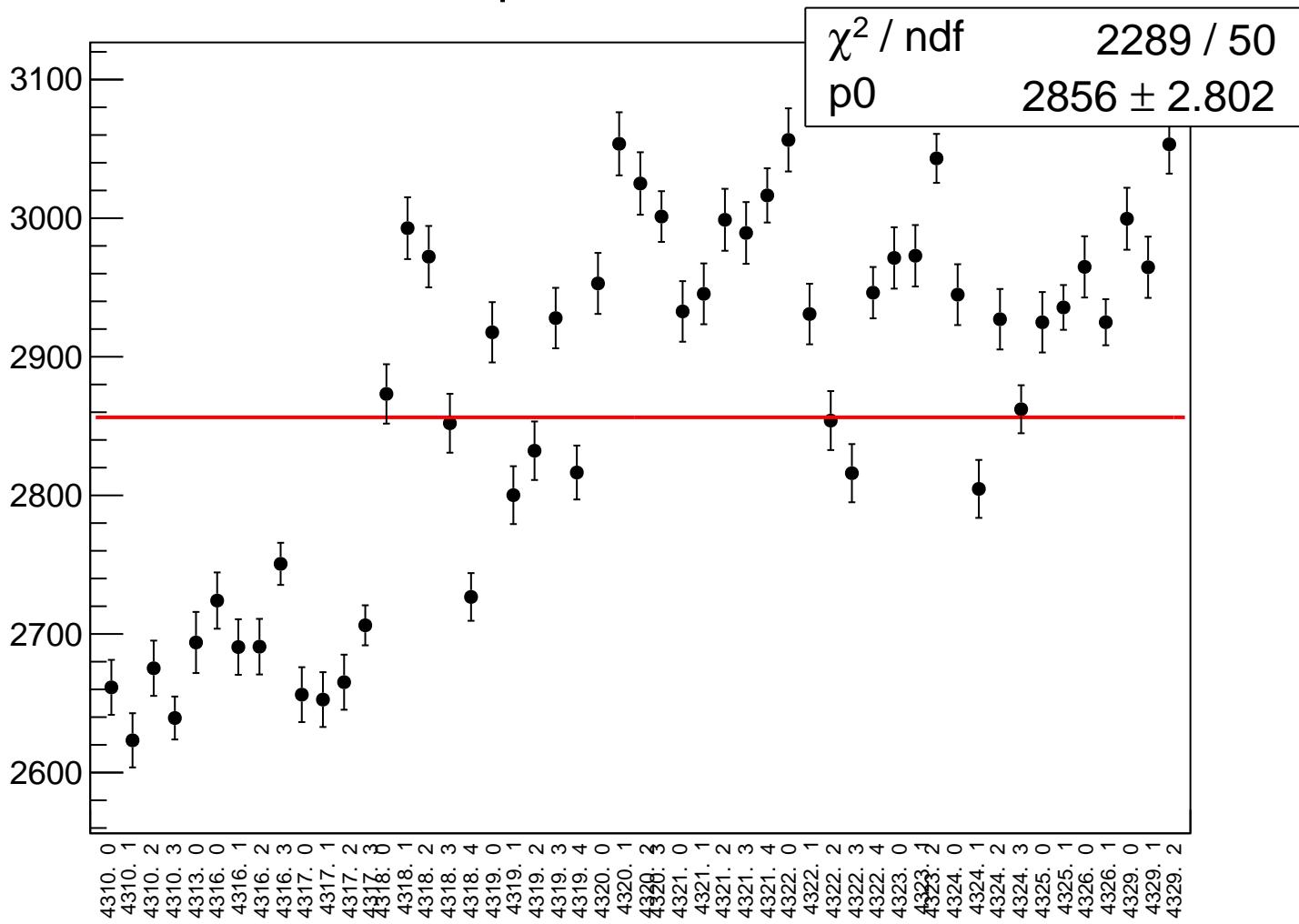
# diff\_bpm12X\_rms vs run



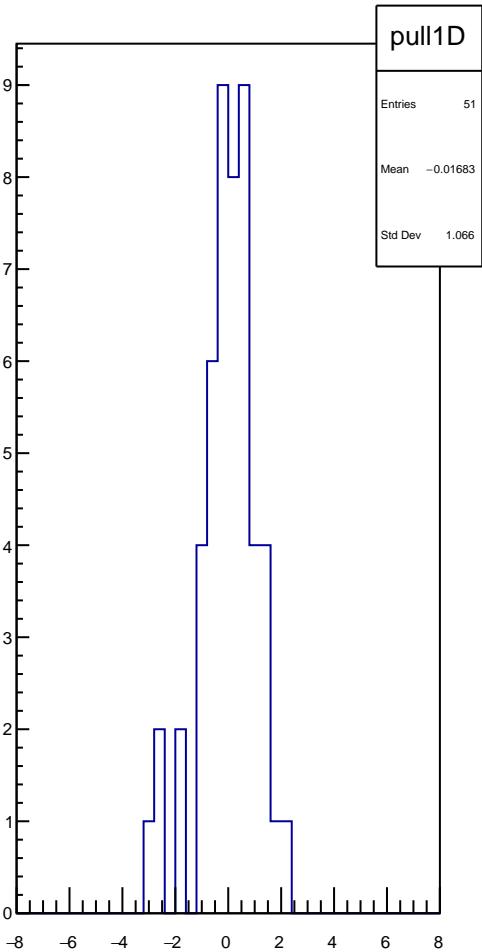
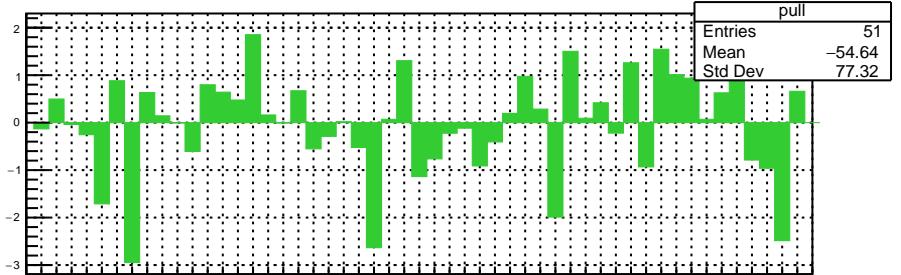
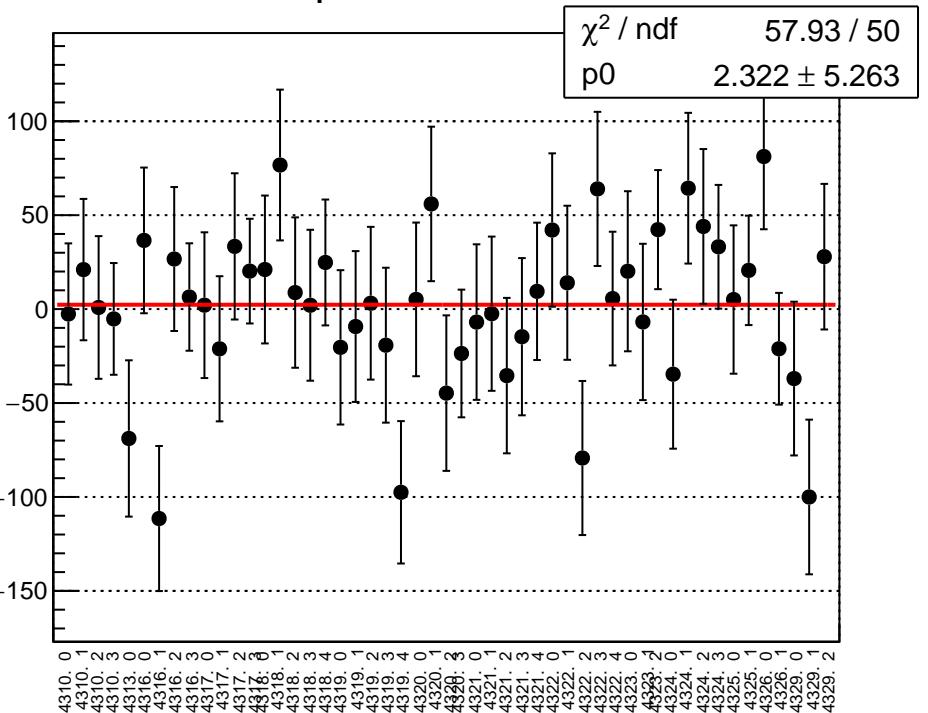
# diff\_bpm12Y\_mean vs run



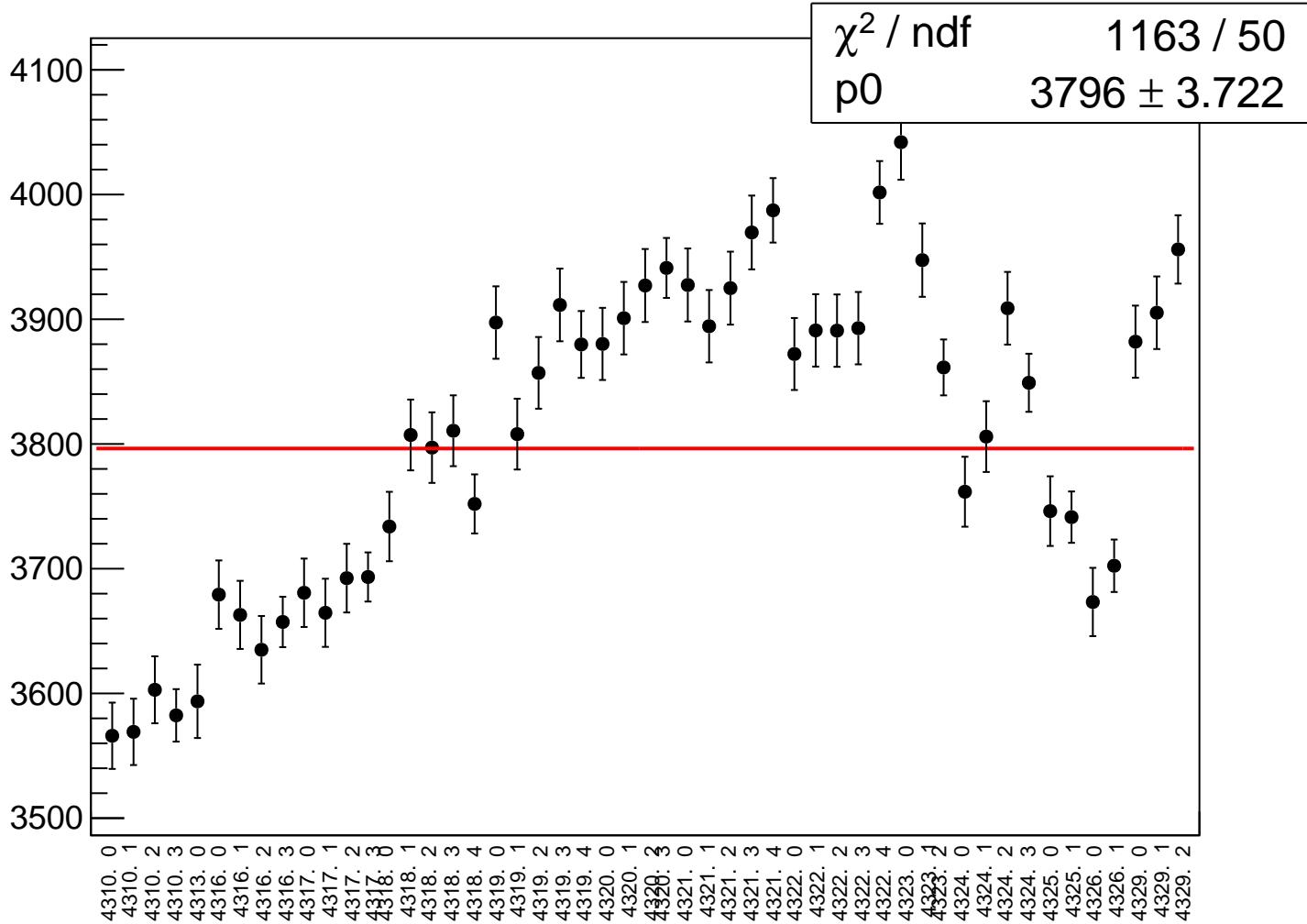
# diff\_bpm12Y\_rms vs run



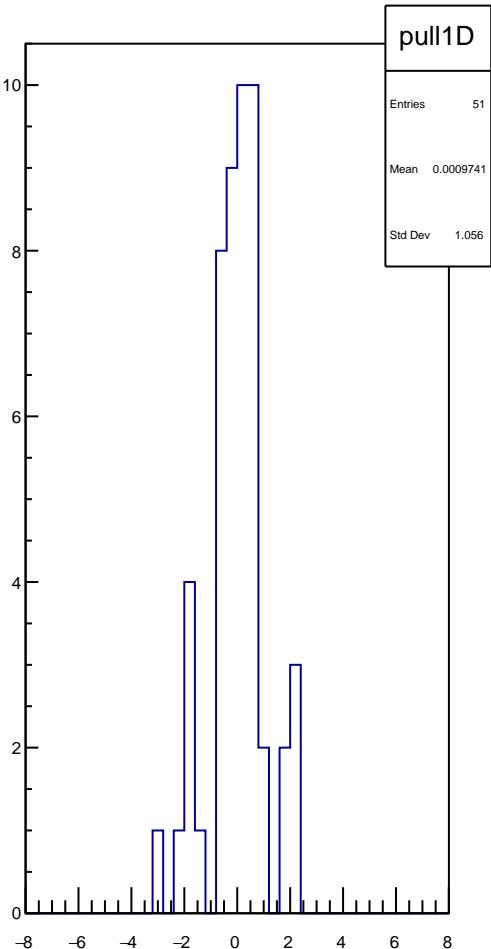
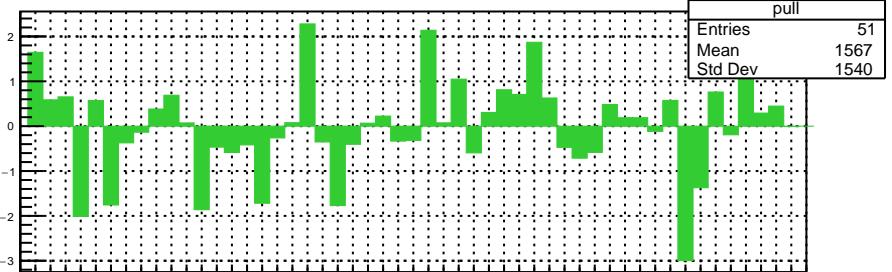
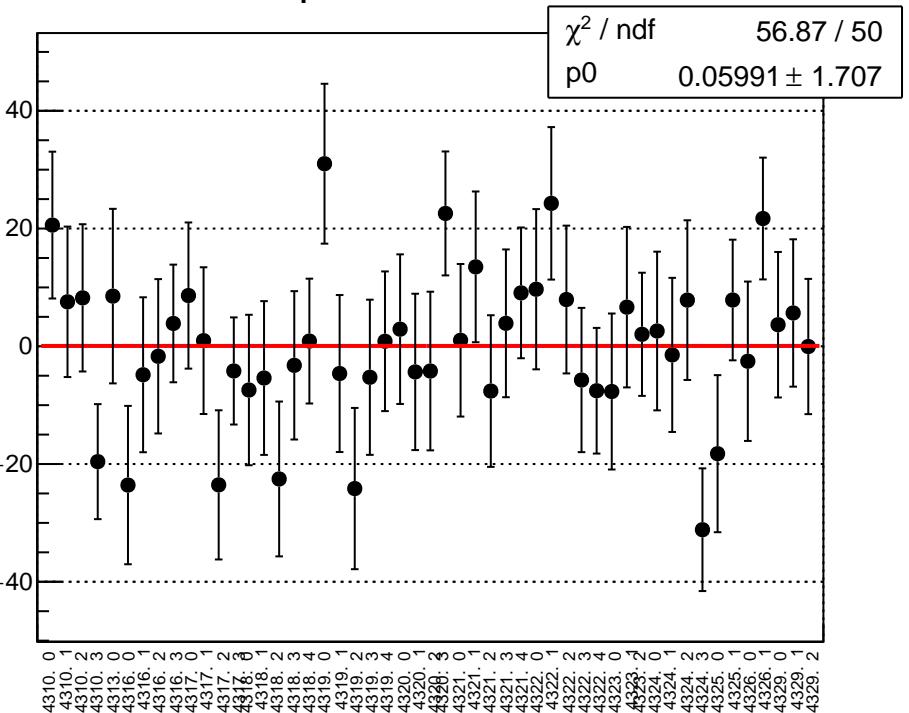
# diff\_bpm16X\_mean vs run



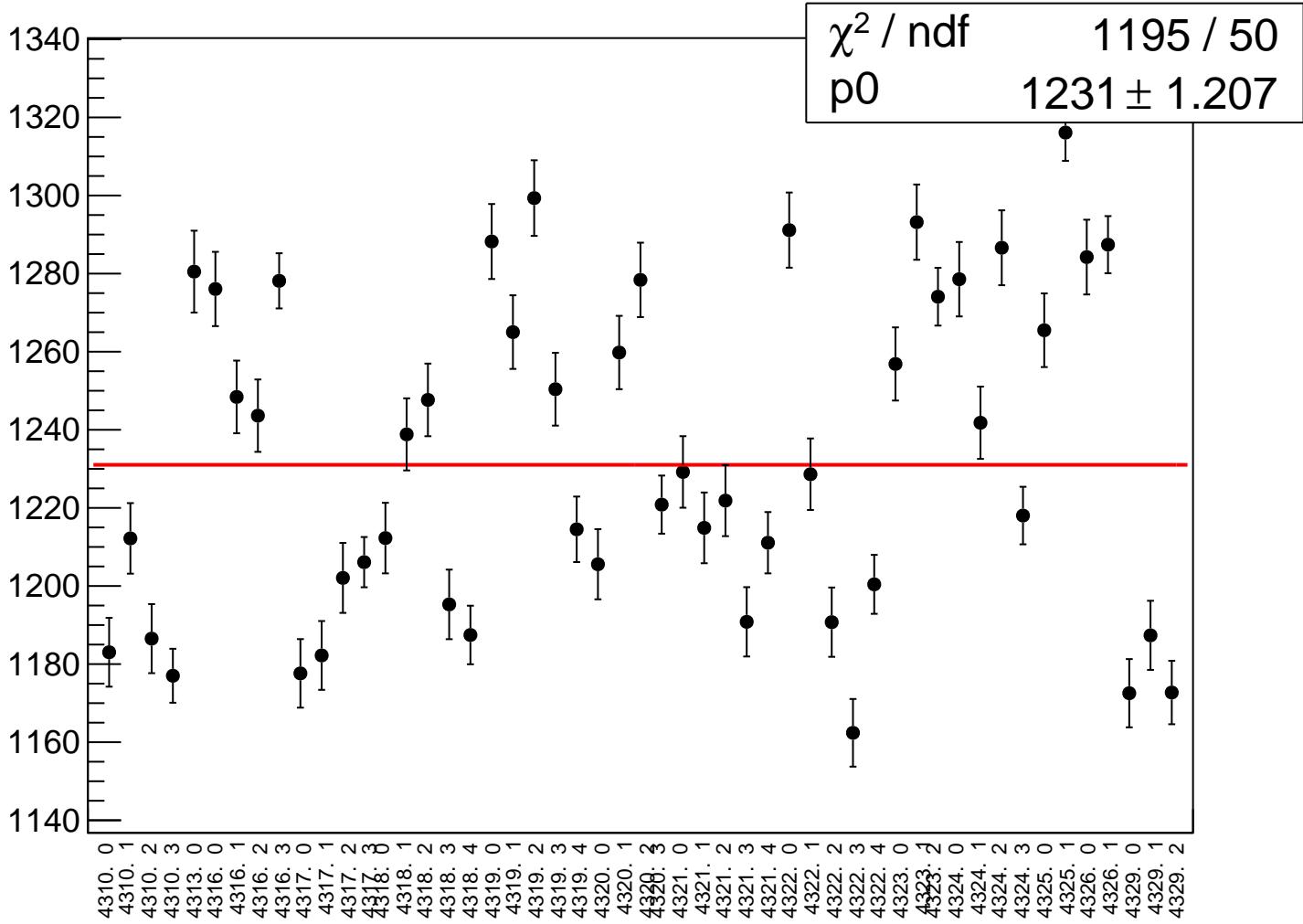
# diff\_bpm16X\_rms vs run



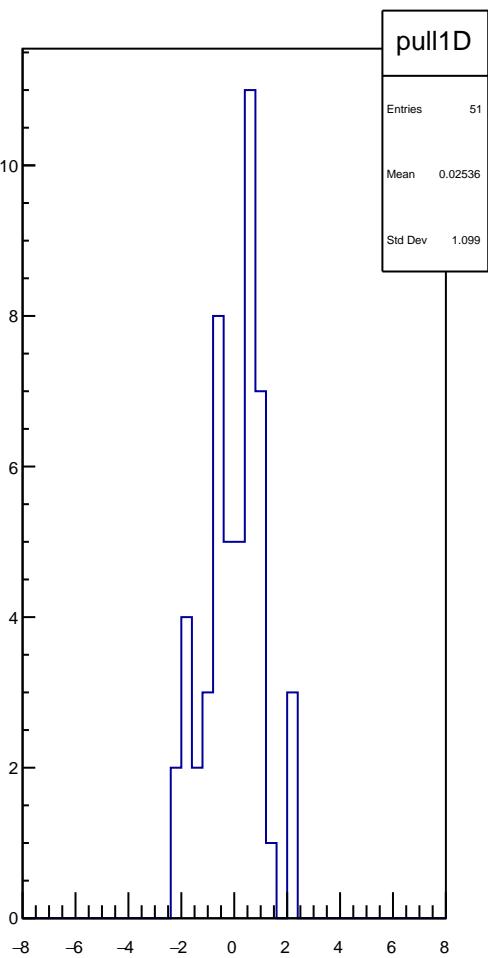
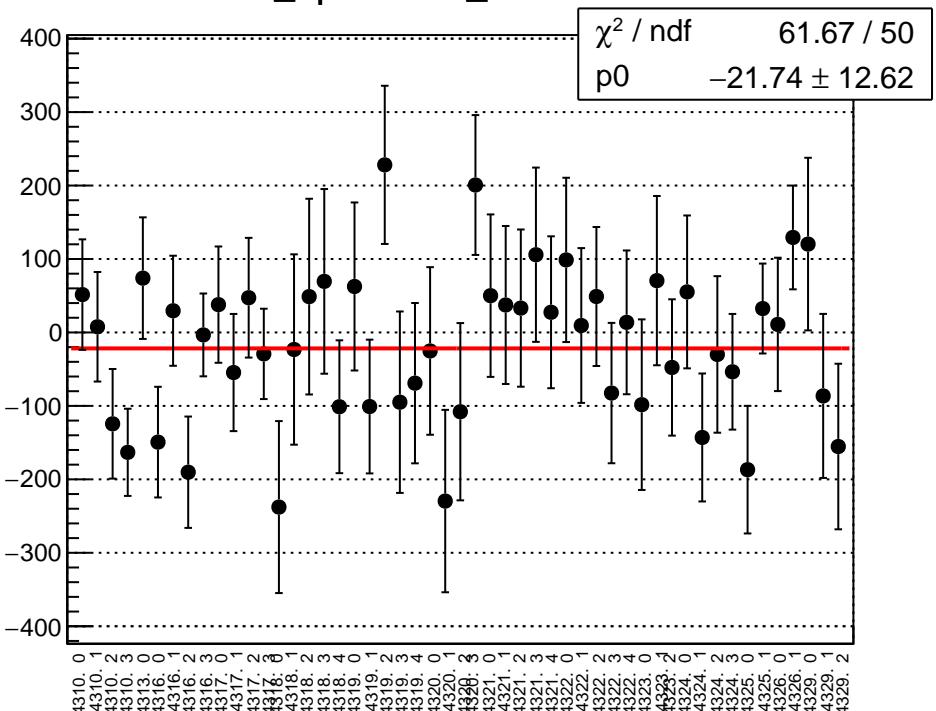
# diff\_bpm16Y\_mean vs run



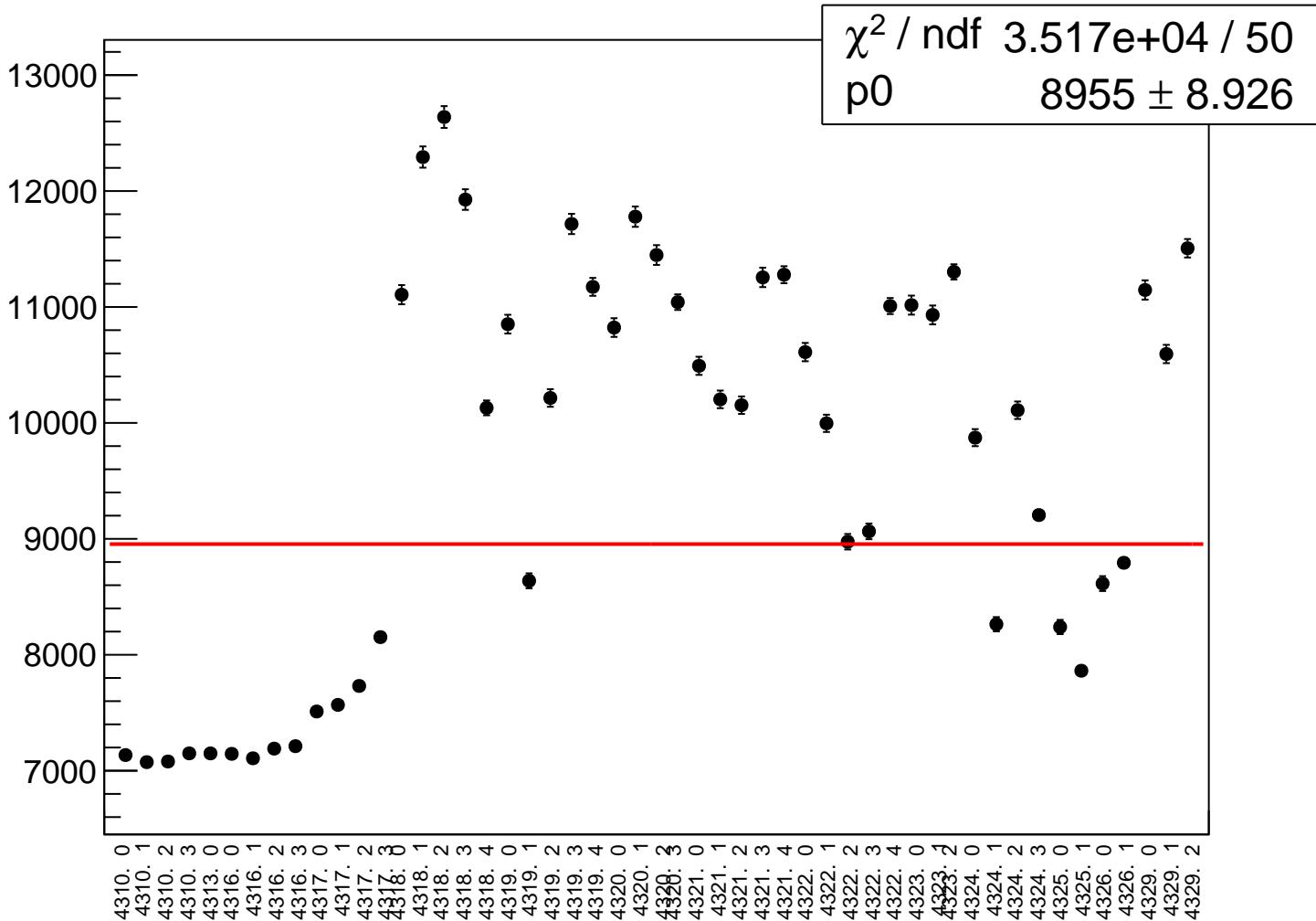
# diff\_bpm16Y\_rms vs run



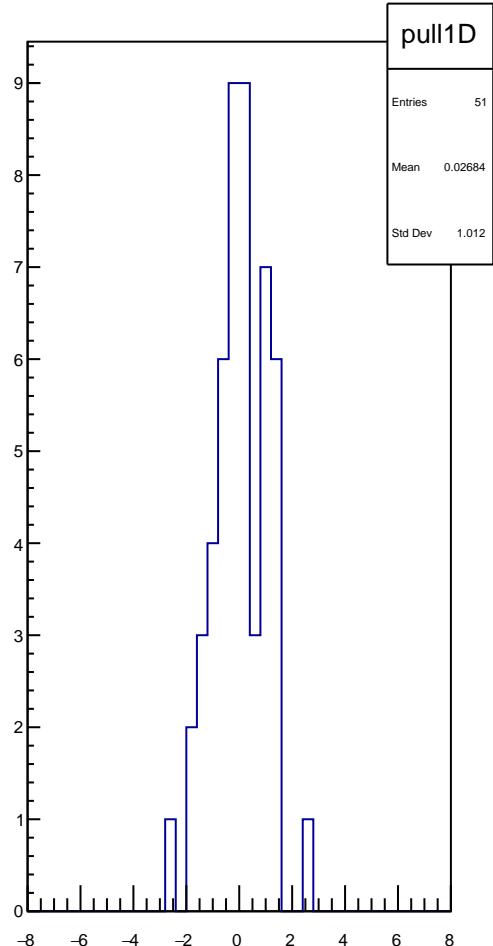
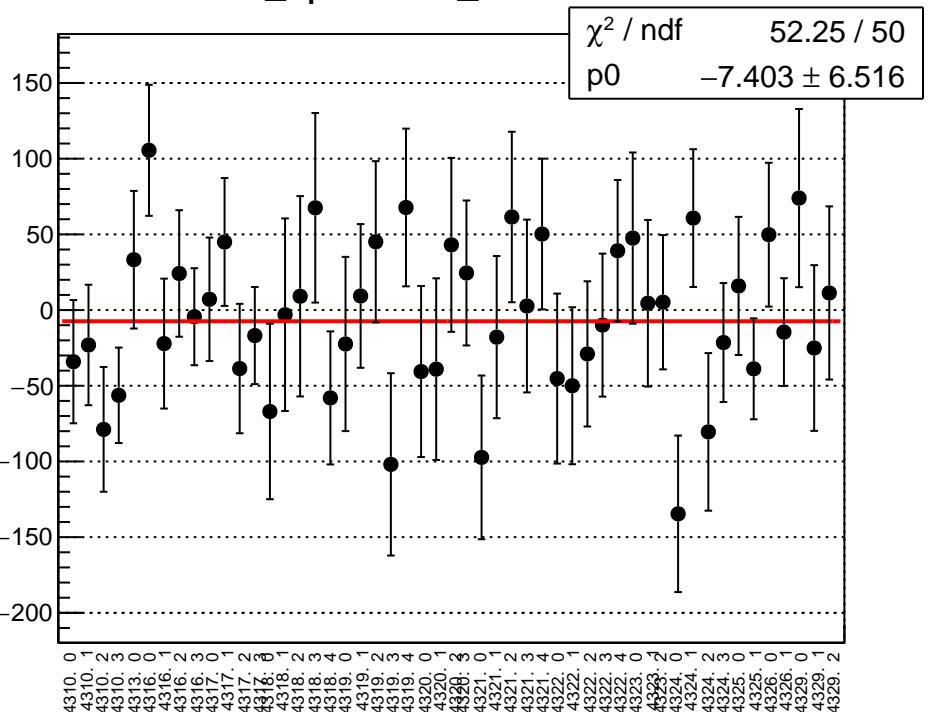
# diff\_bpm0l01X\_mean vs run



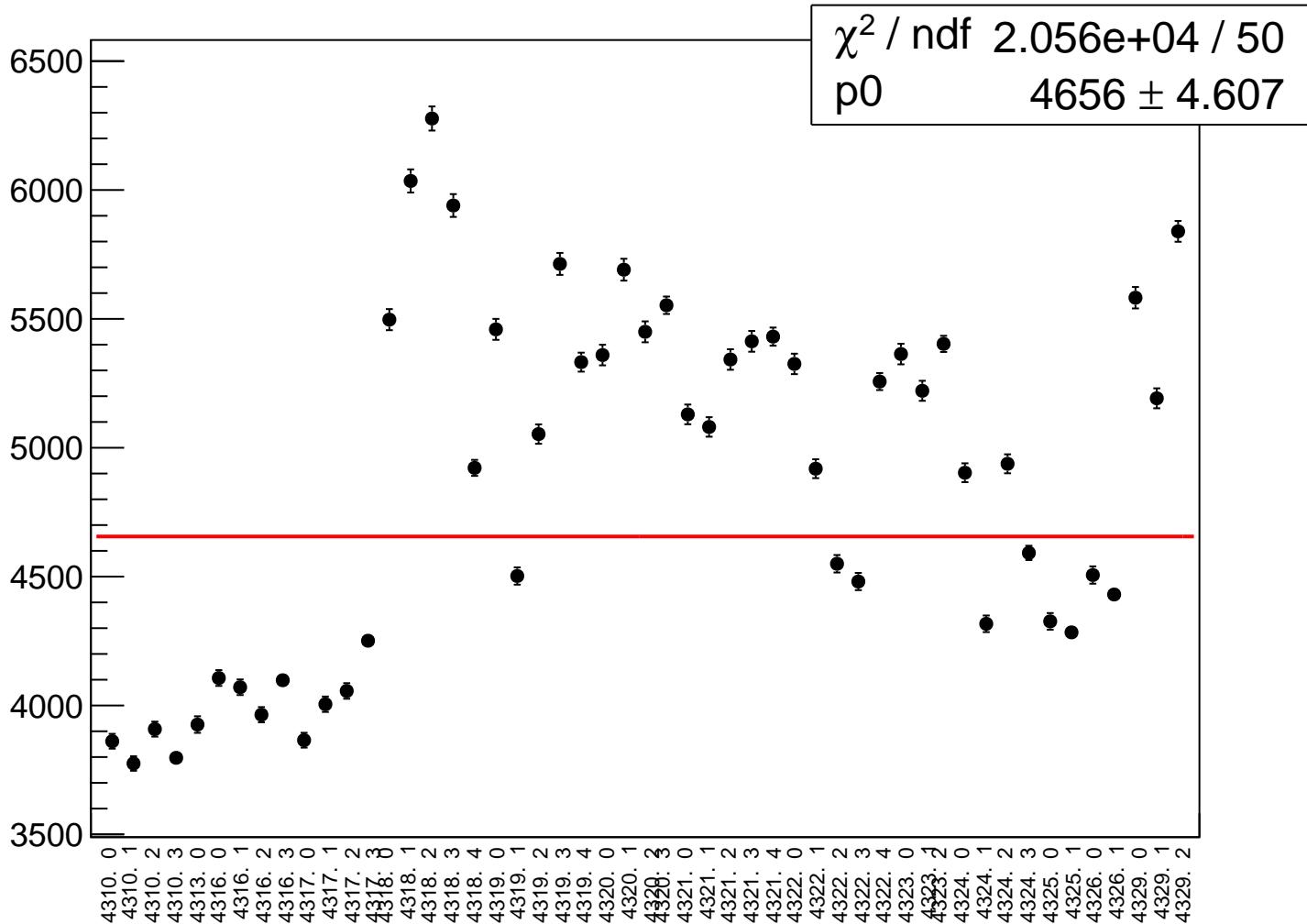
# diff\_bpm0I01X\_rms vs run



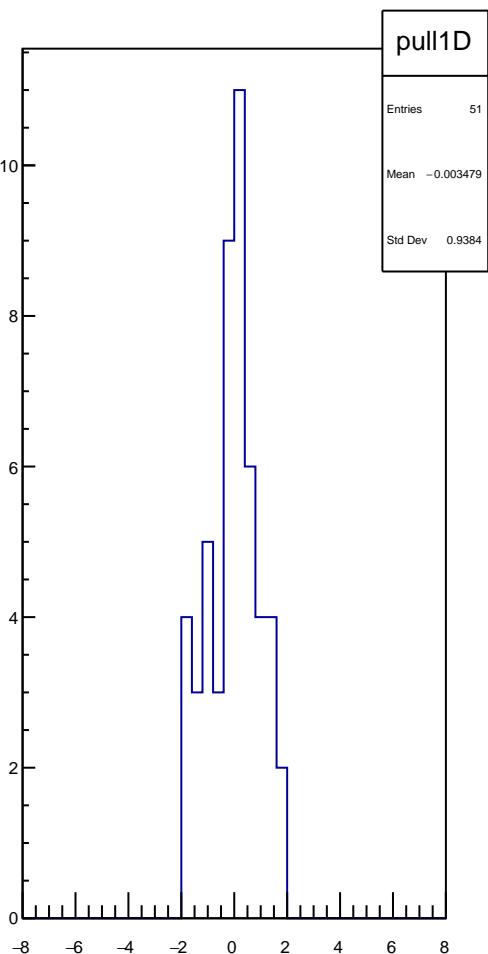
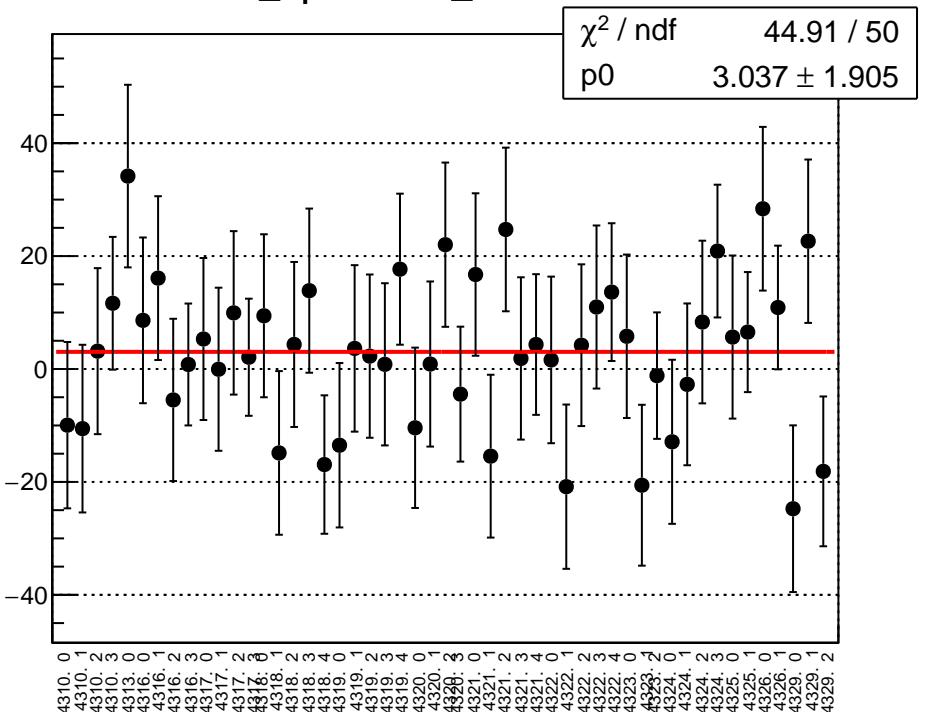
# diff\_bpm0l01Y\_mean vs run



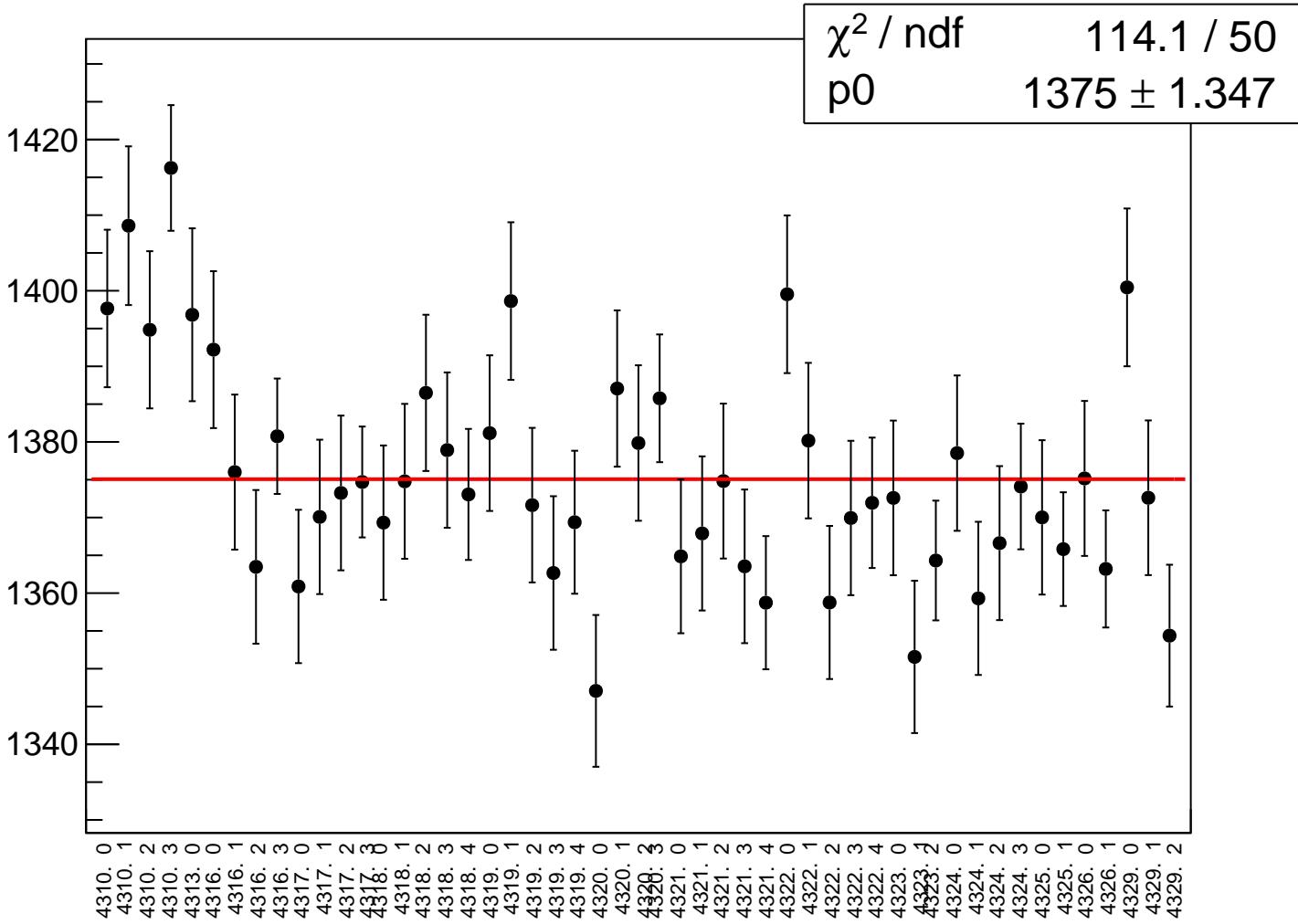
# diff\_bpm0I01Y\_rms vs run



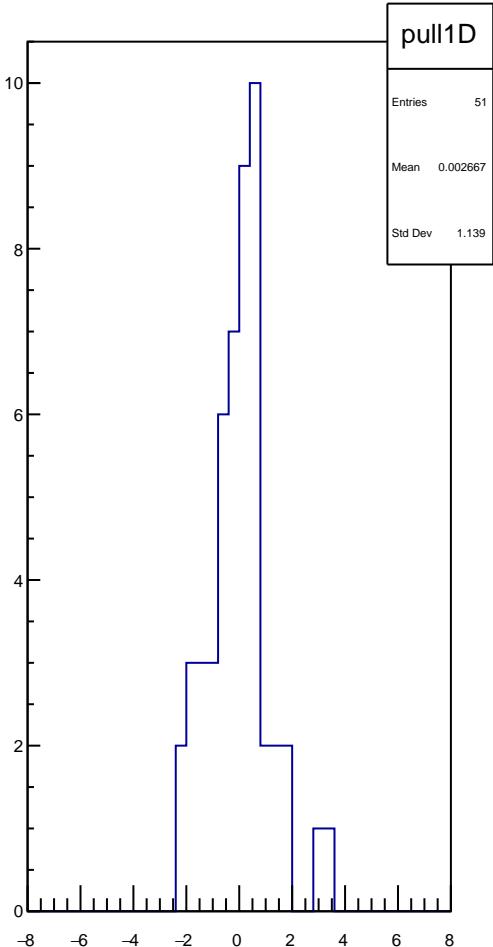
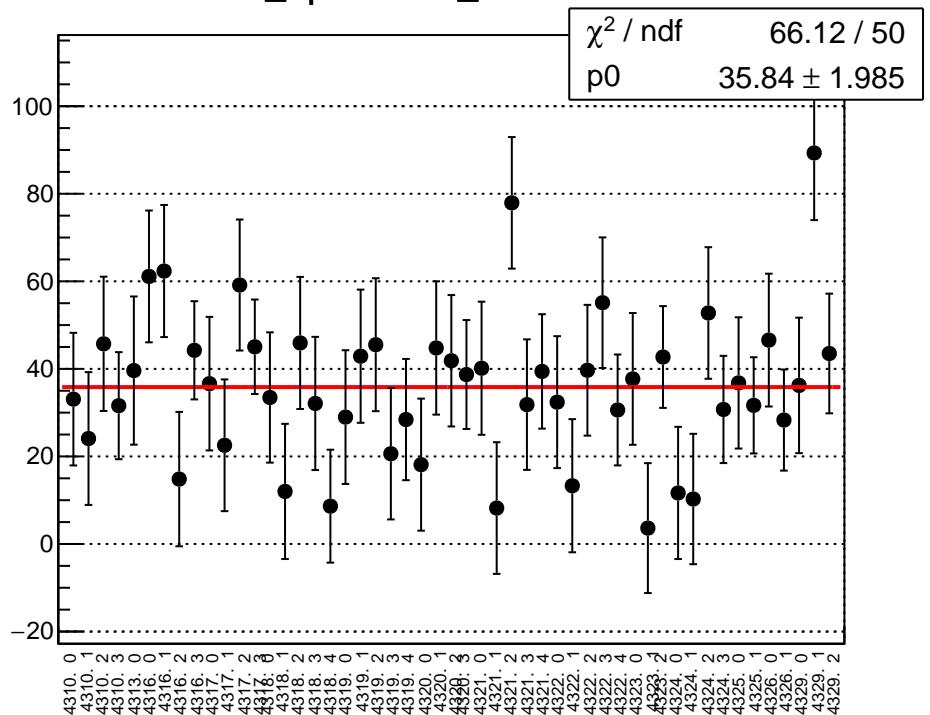
# diff\_bpm2i01X\_mean vs run



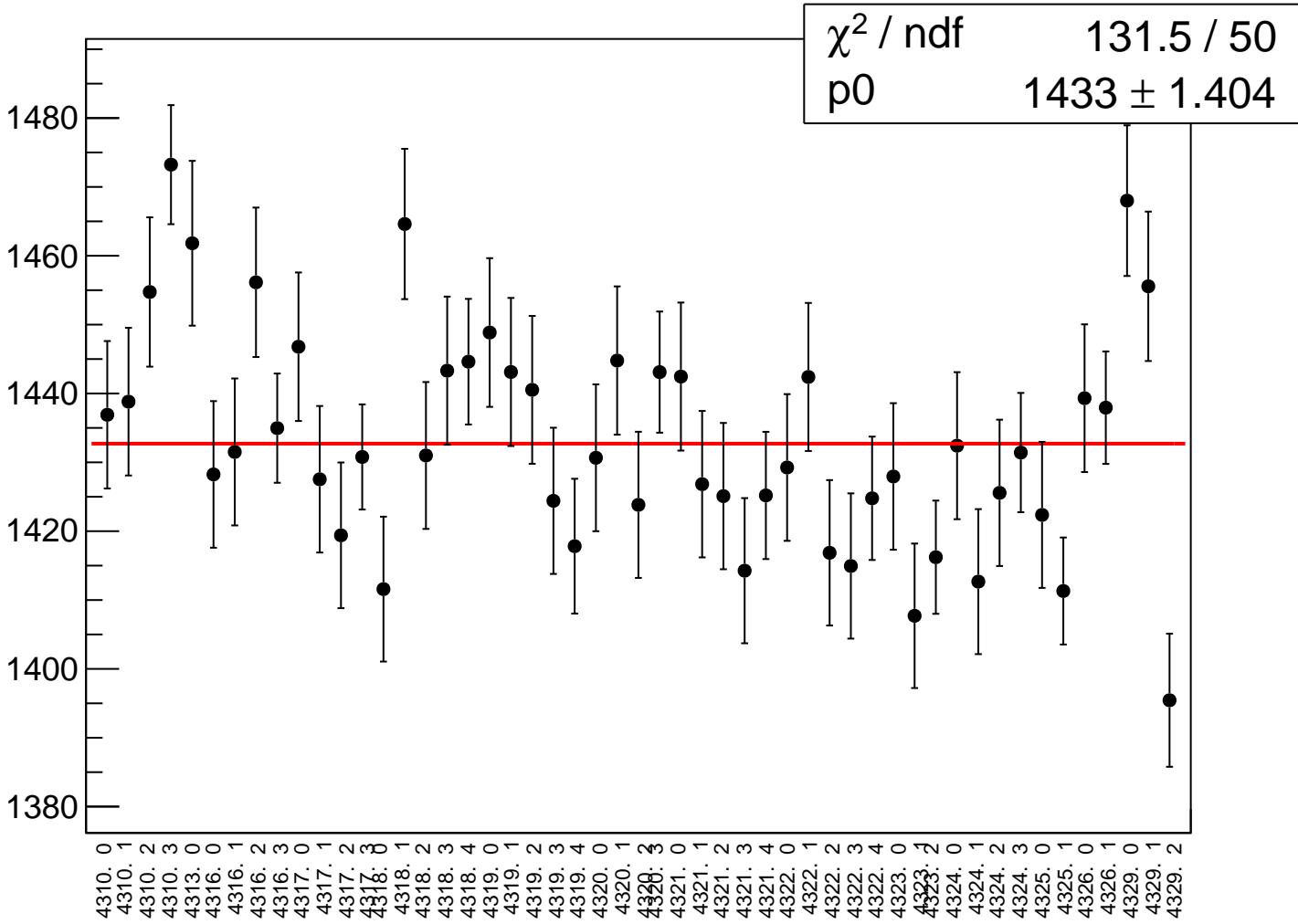
# diff\_bpm2i01X\_rms vs run



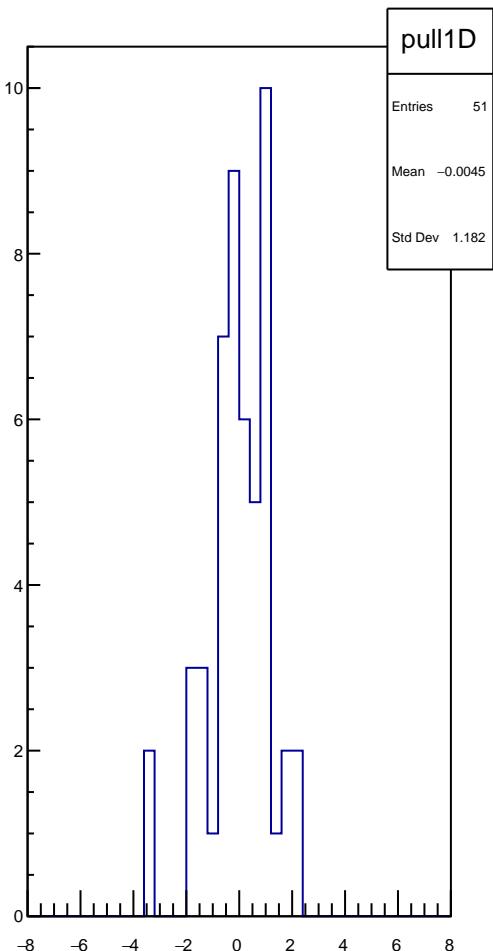
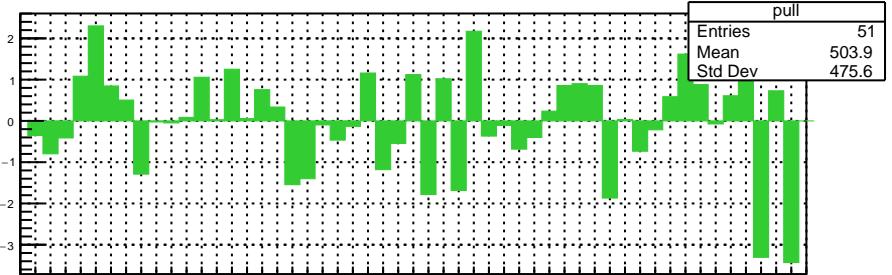
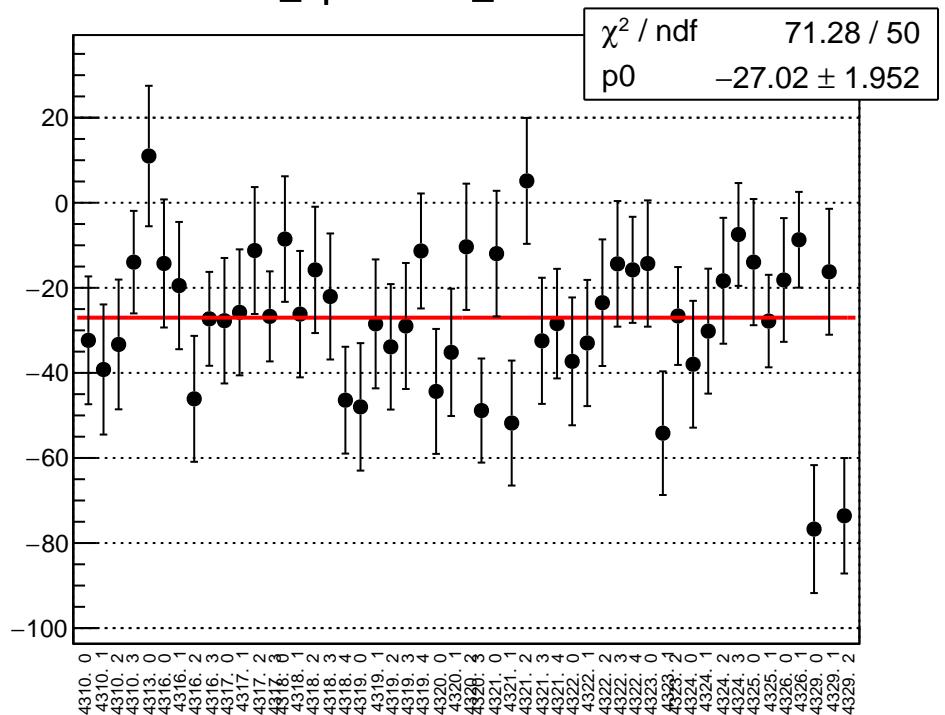
# diff\_bpm2i01Y\_mean vs run



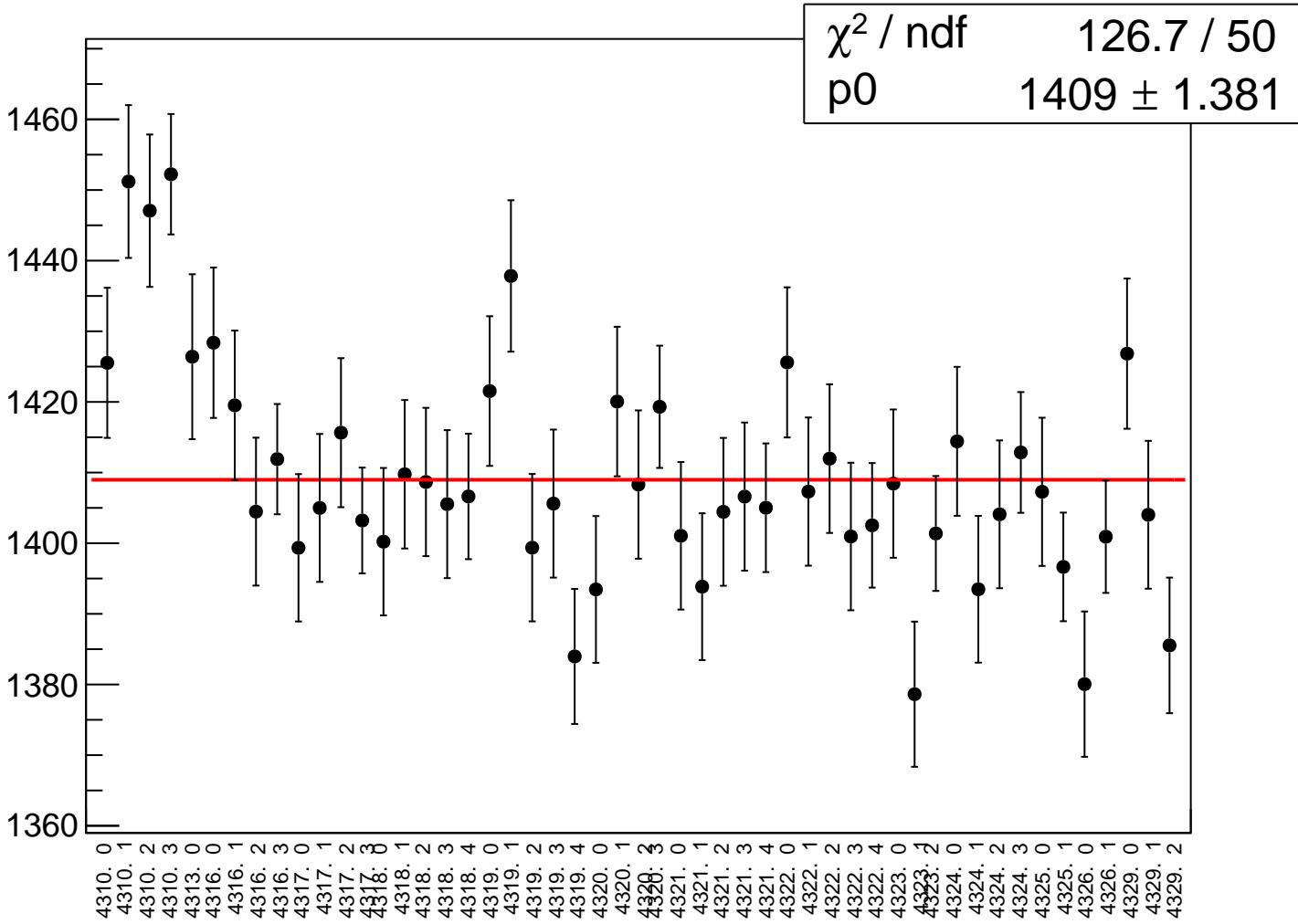
# diff\_bpm2i01Y\_rms vs run



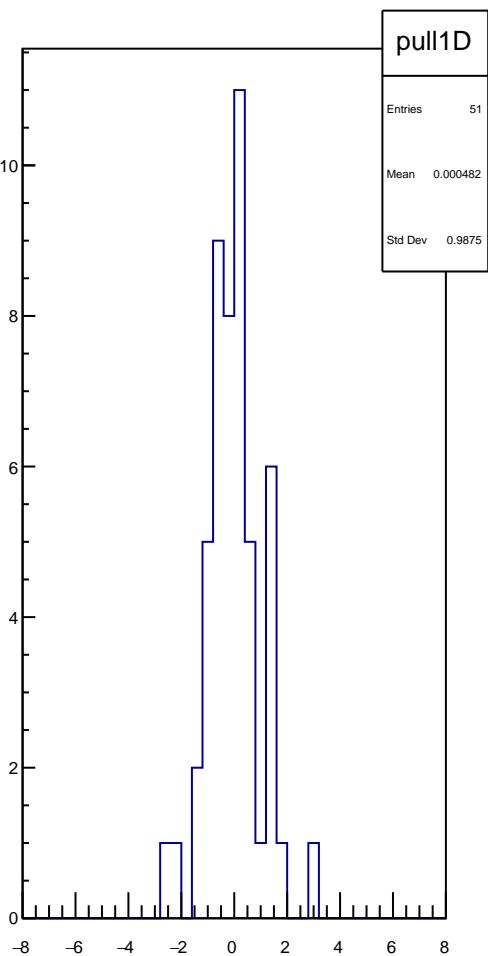
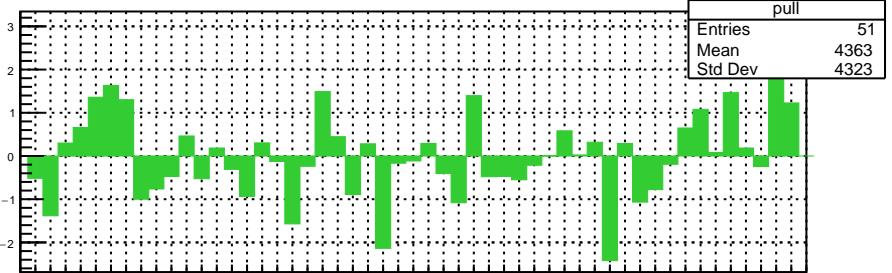
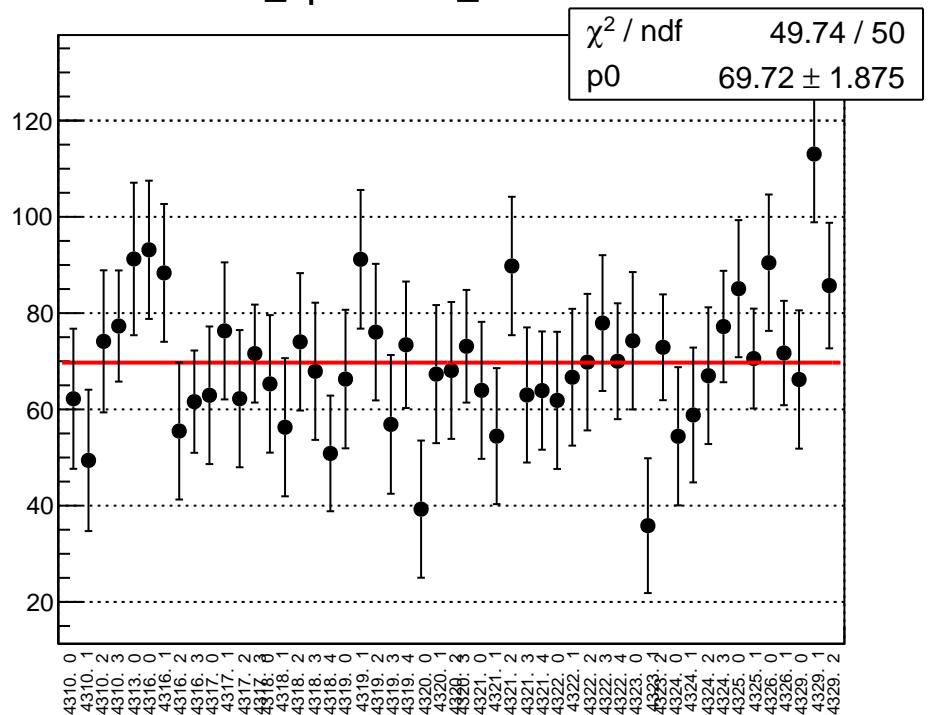
# diff\_bpm2i02X\_mean vs run



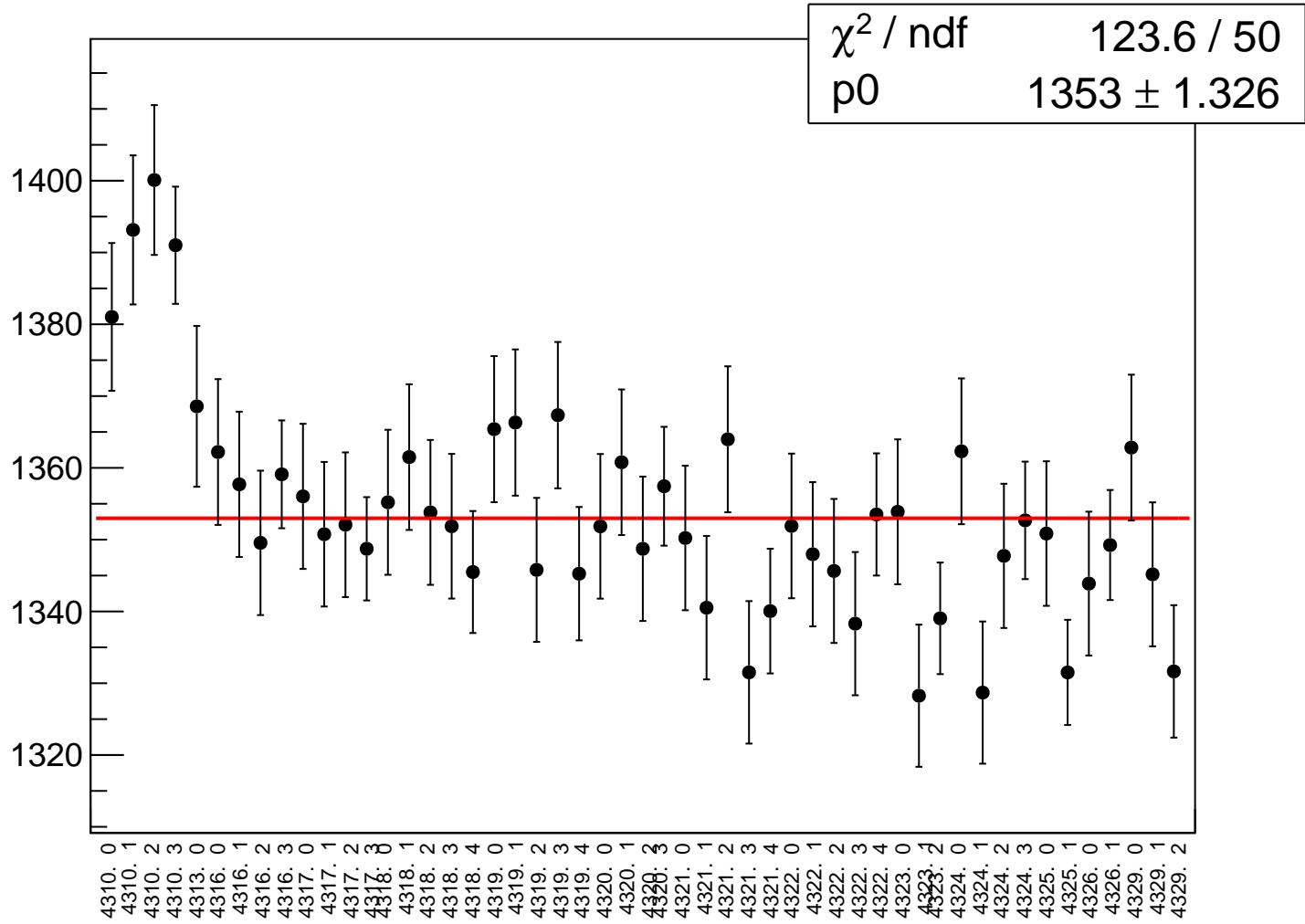
# diff\_bpm2i02X\_rms vs run



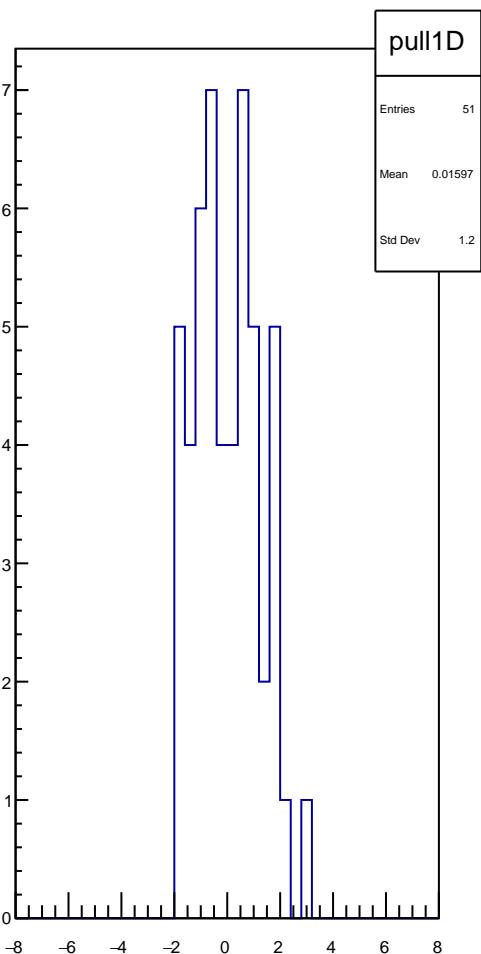
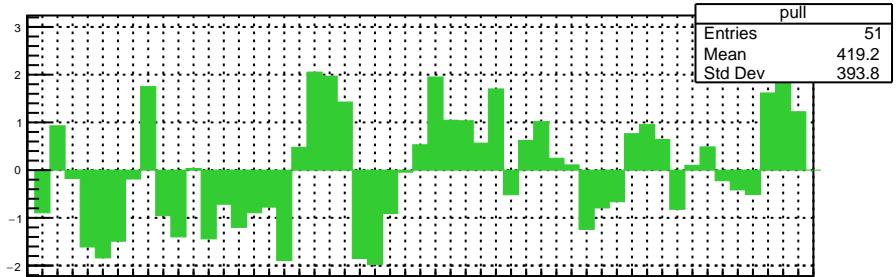
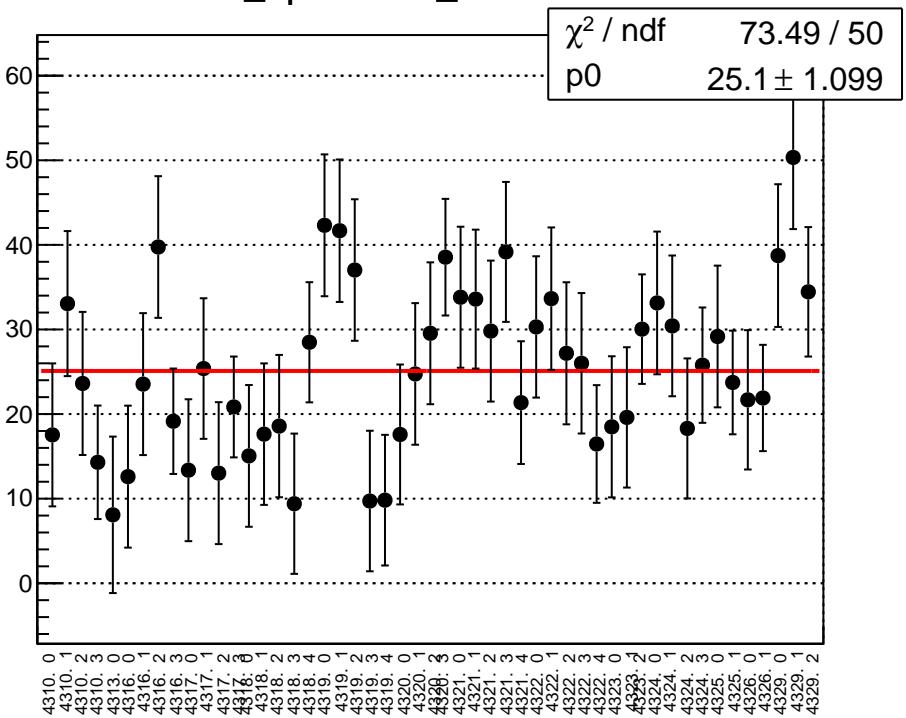
# diff\_bpm2i02Y\_mean vs run



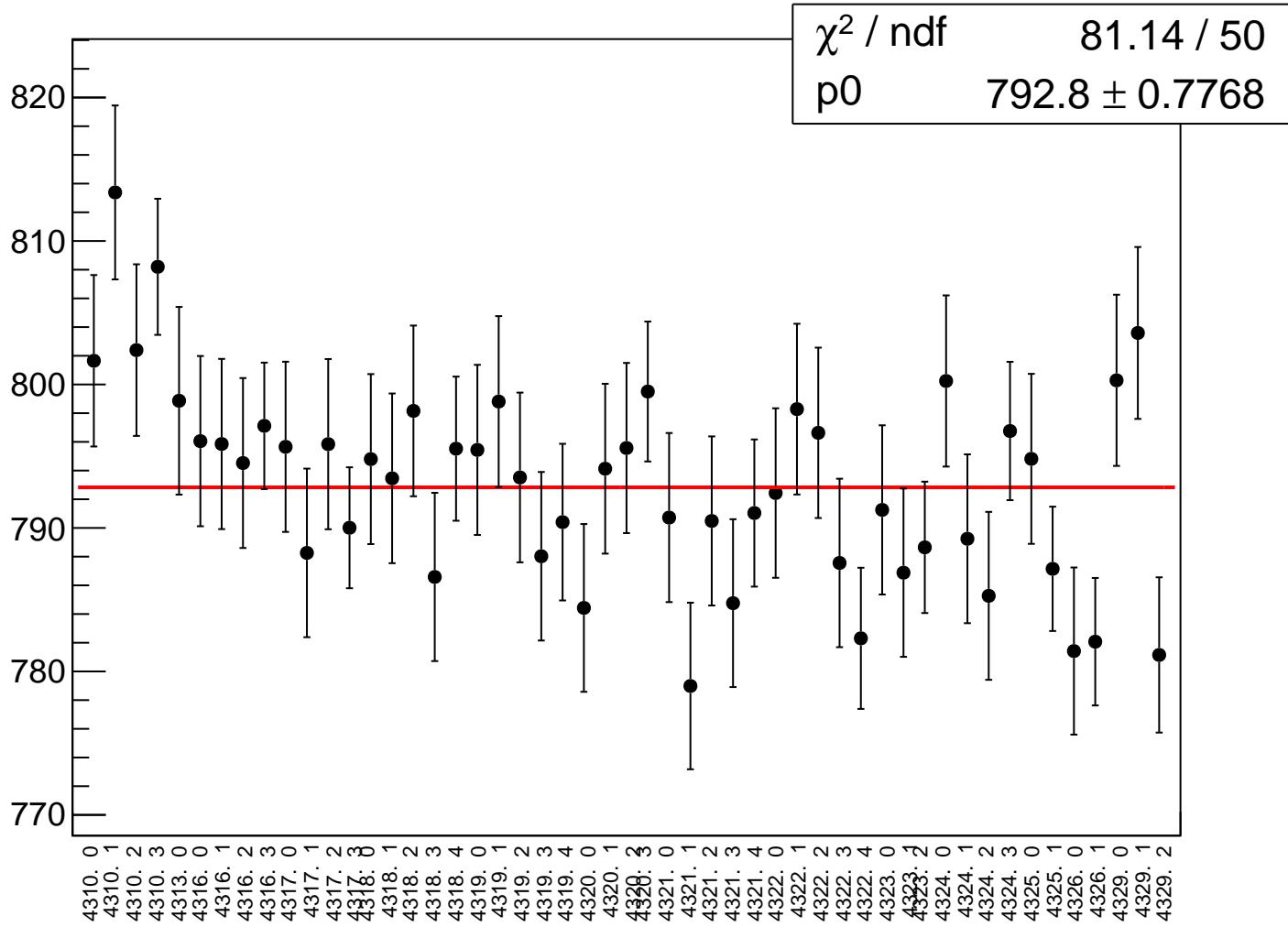
# diff\_bpm2i02Y\_rms vs run



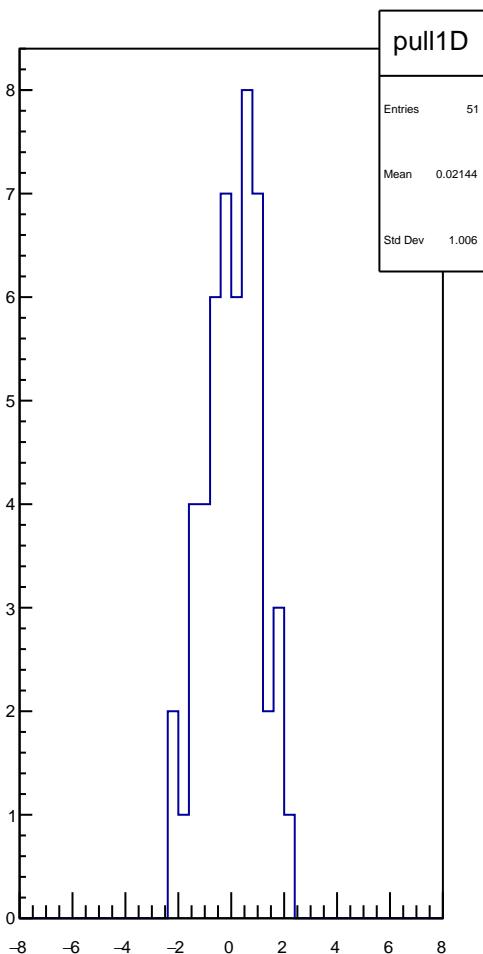
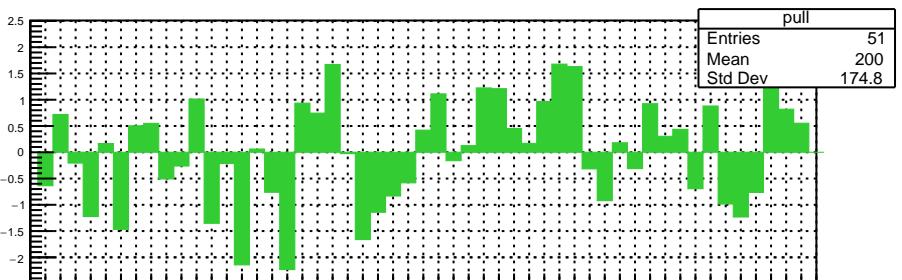
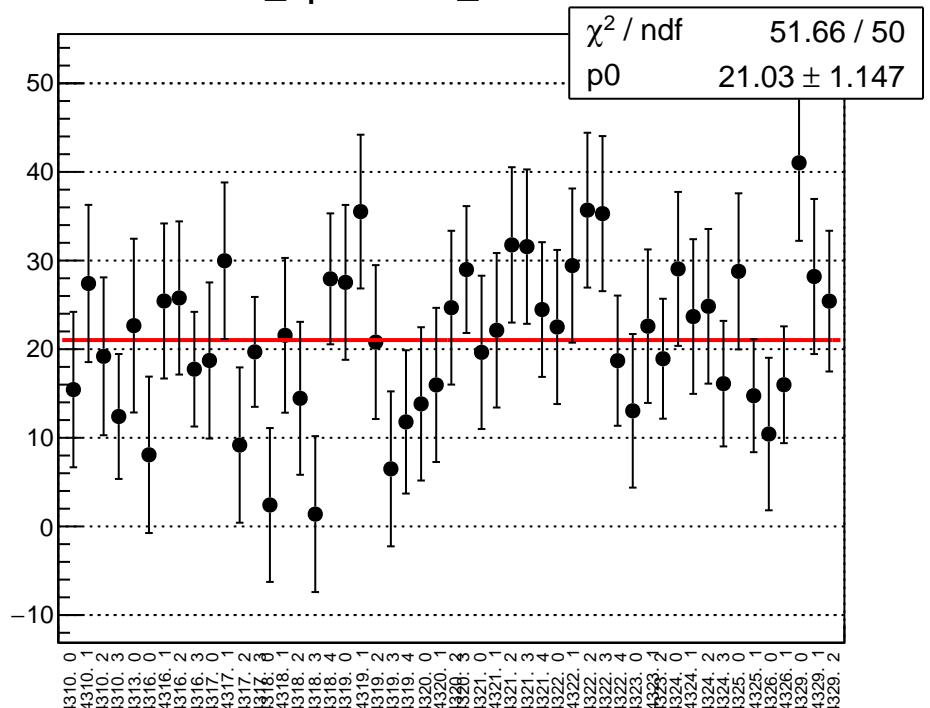
# diff\_bpm1i04X\_mean vs run



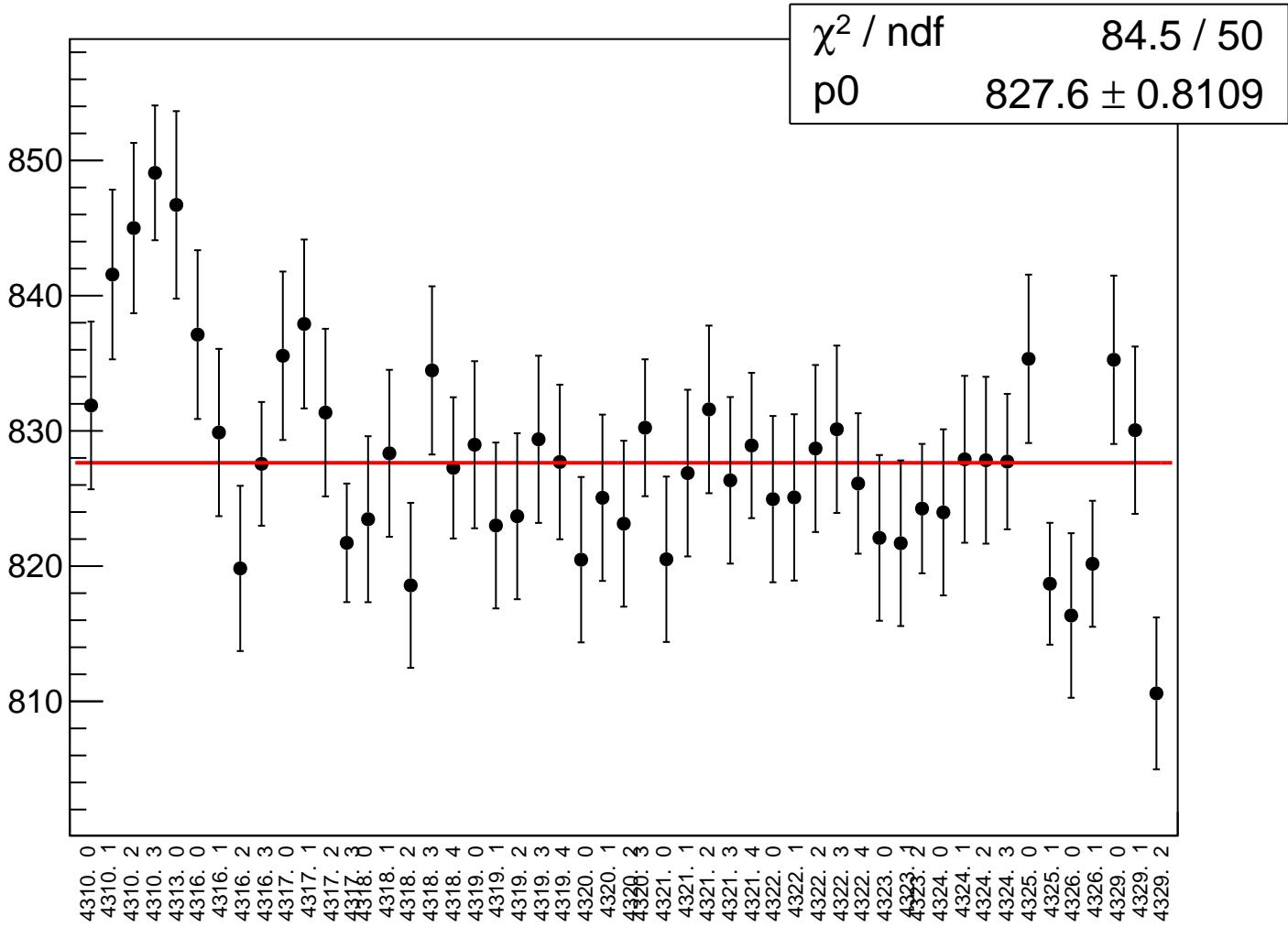
# diff\_bpm1i04X\_rms vs run



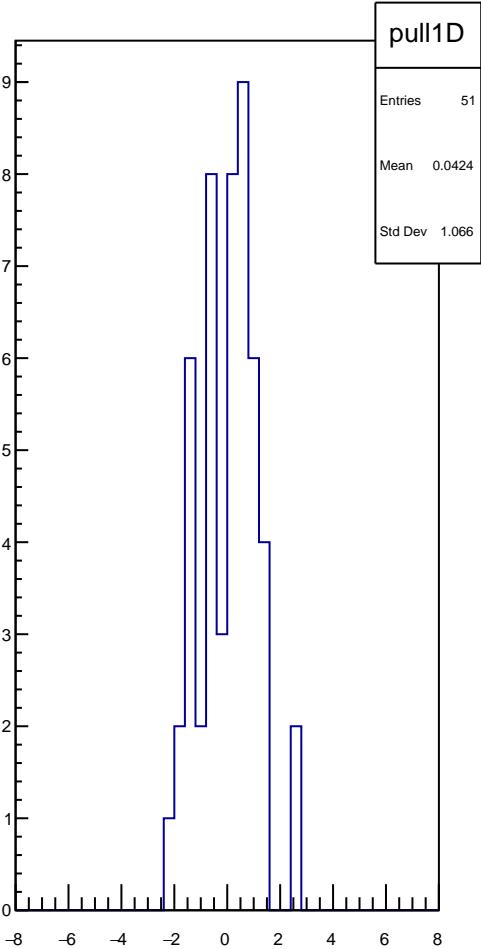
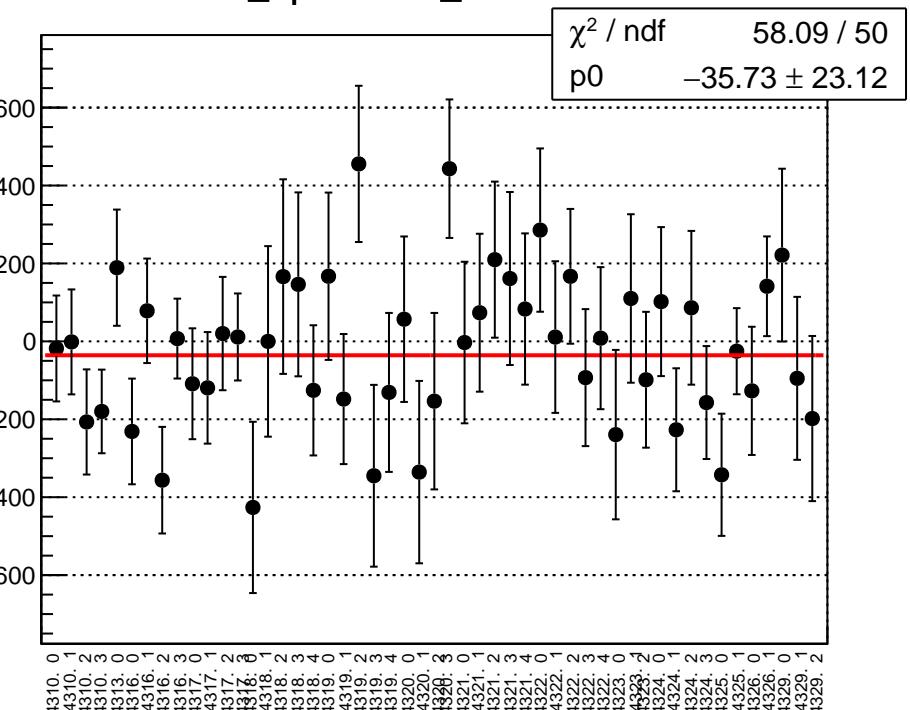
# diff\_bpm1i04Y\_mean vs run



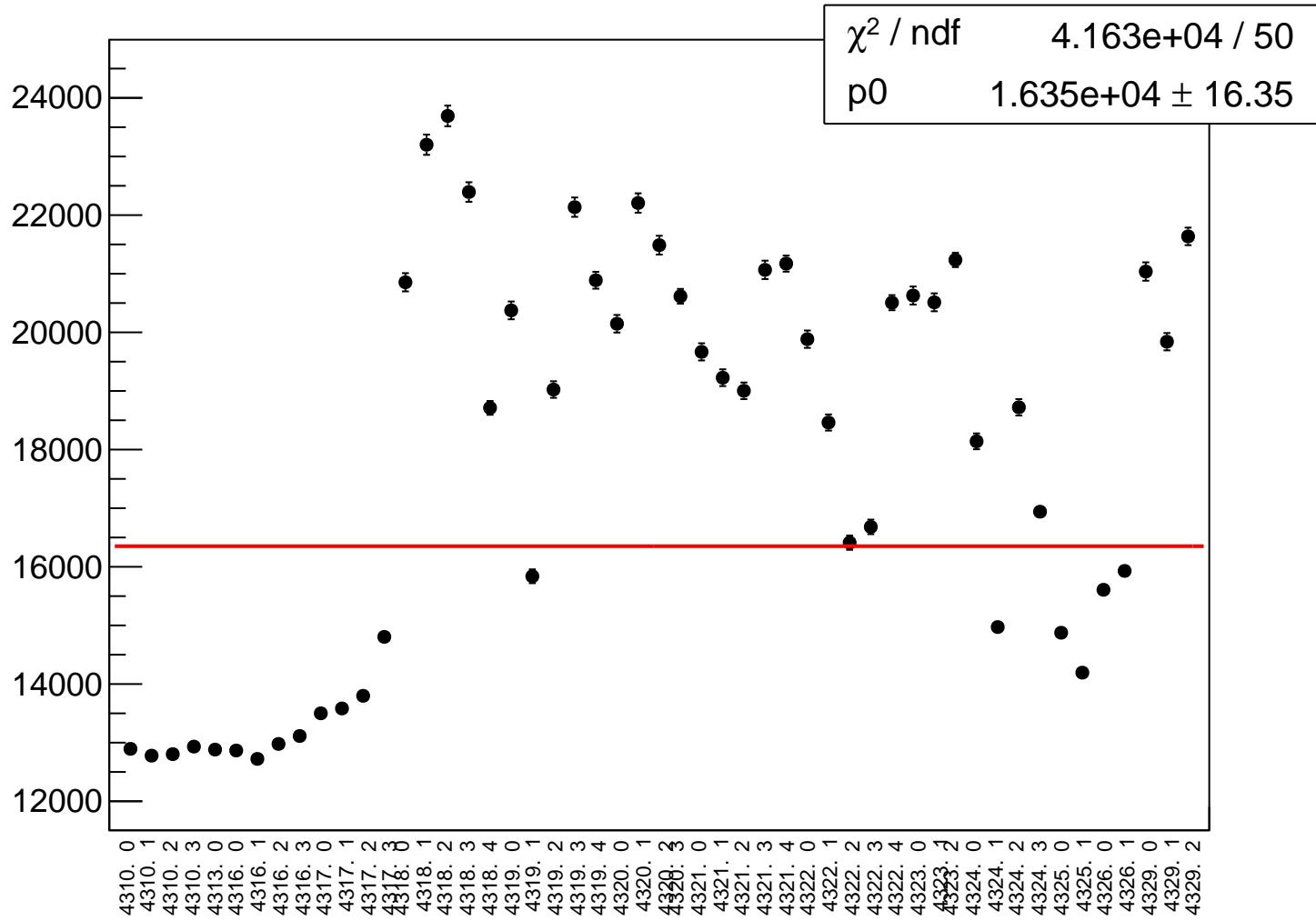
# diff\_bpm1i04Y\_rms vs run



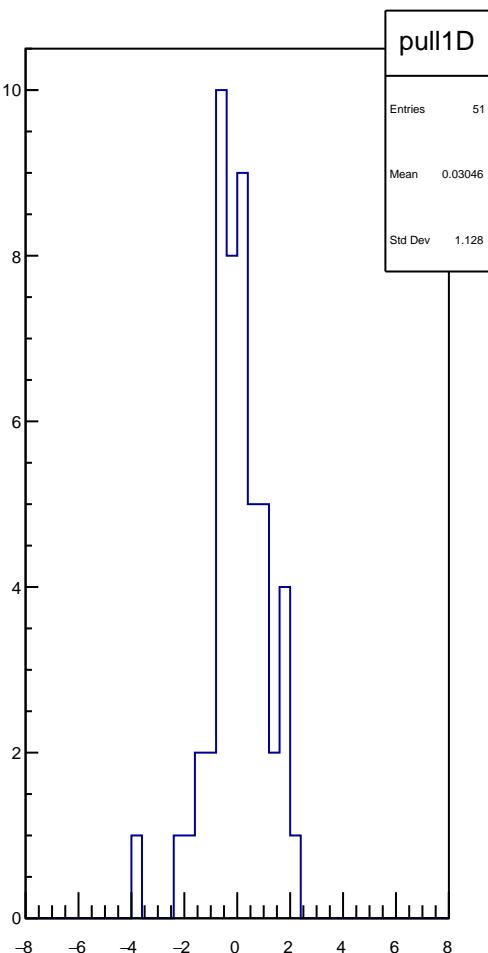
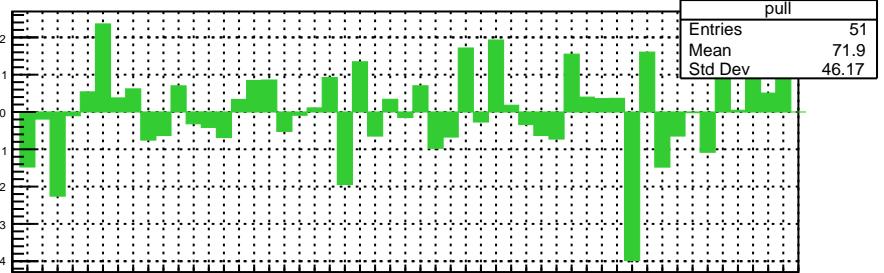
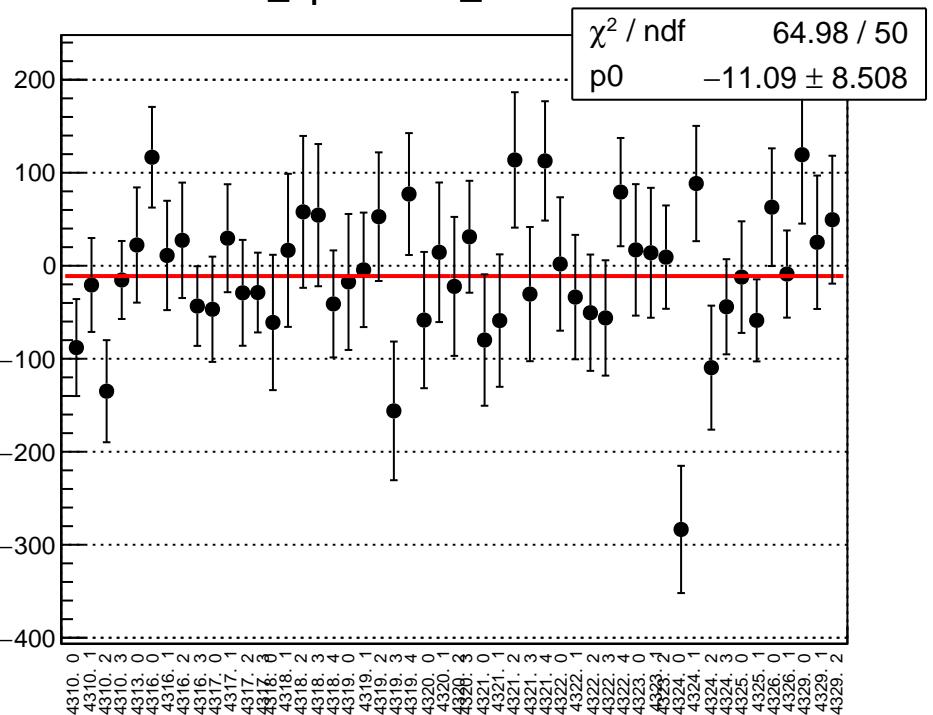
# diff\_bpm0l02X\_mean vs run



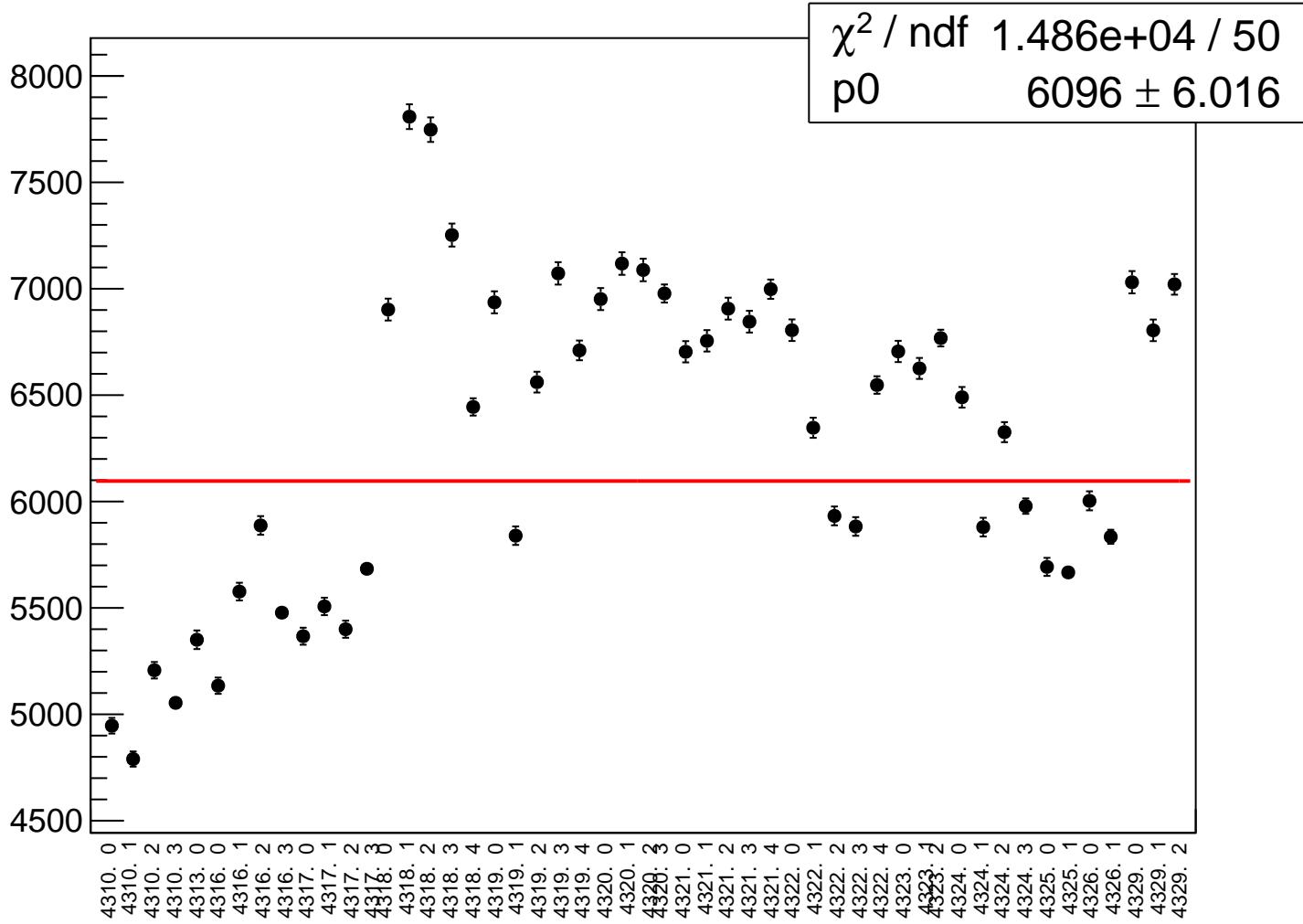
# diff\_bpm0I02X\_rms vs run



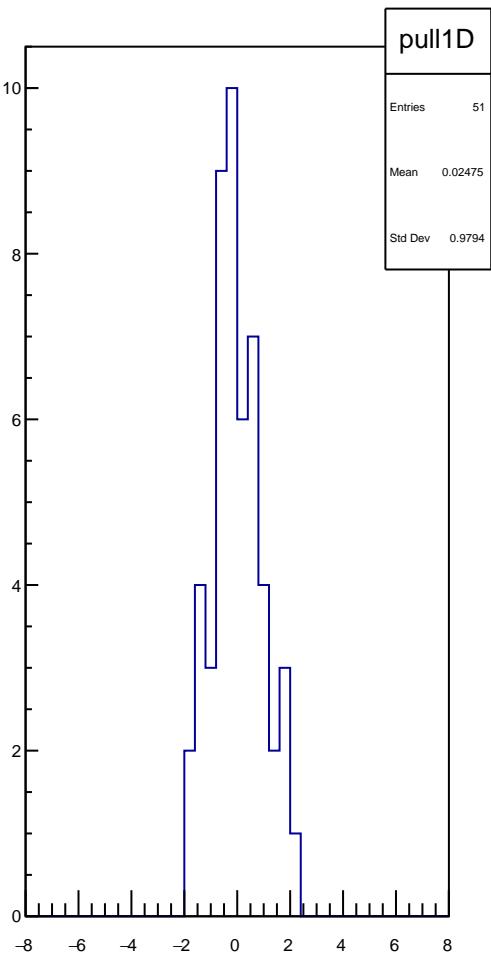
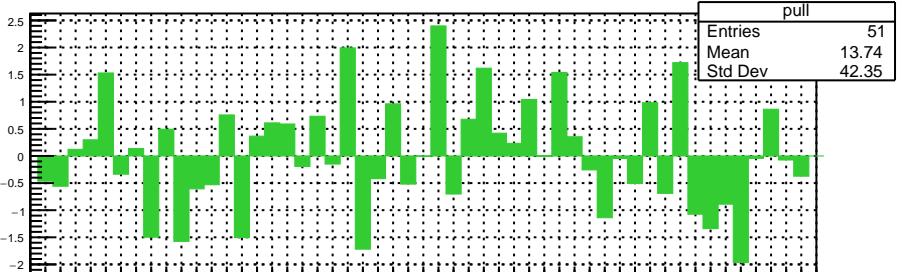
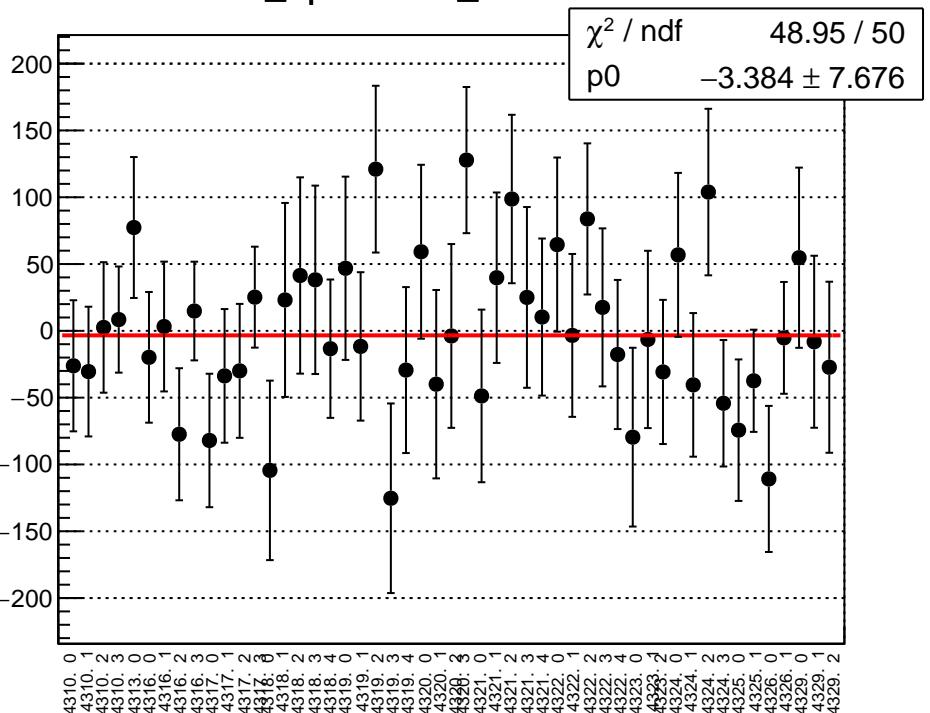
# diff\_bpm0l02Y\_mean vs run



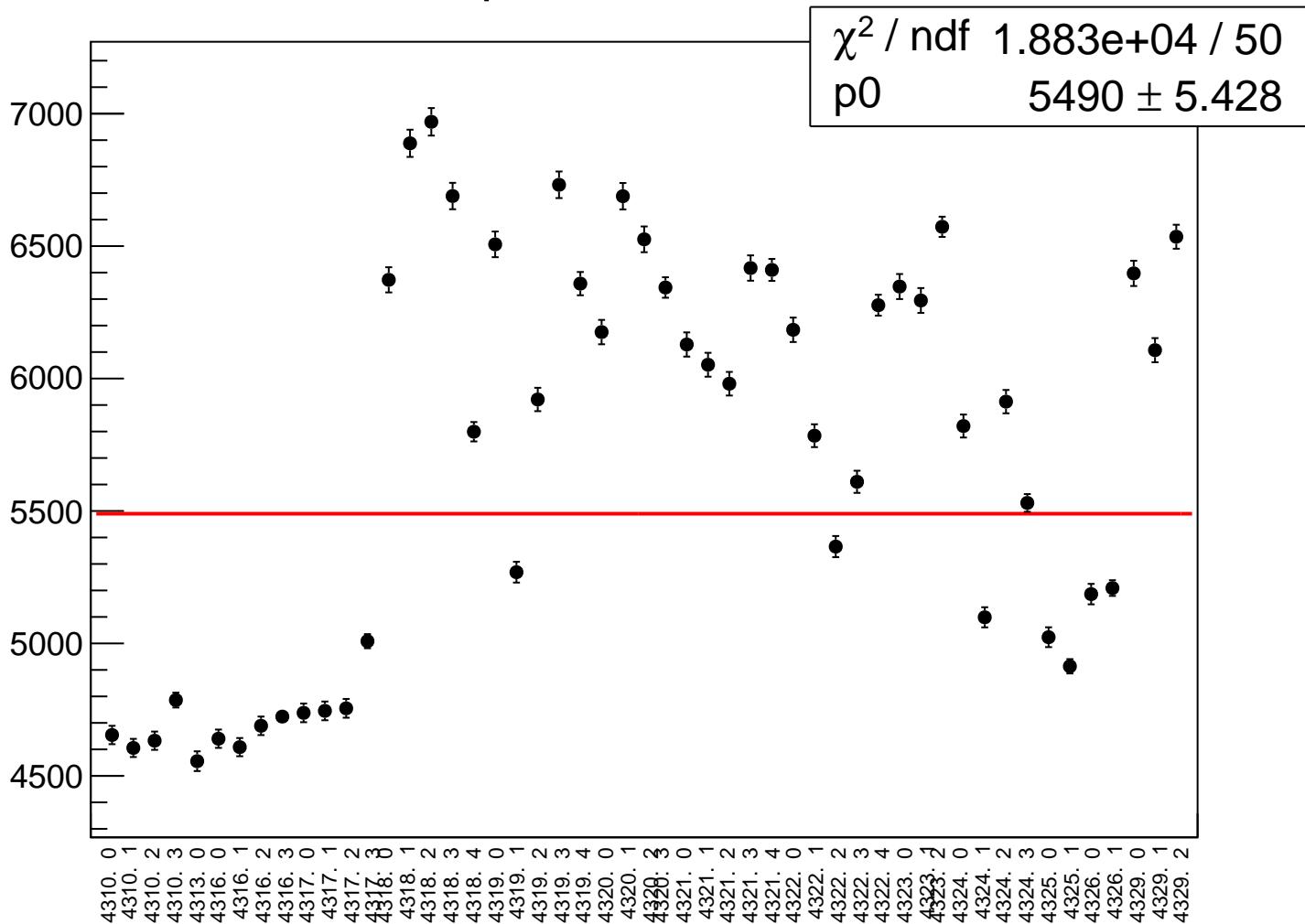
# diff\_bpmon02Y\_rms vs run



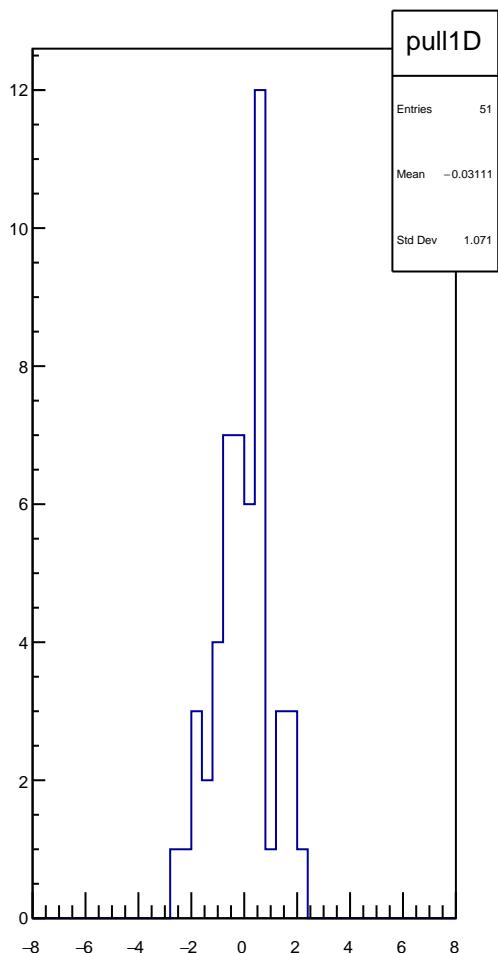
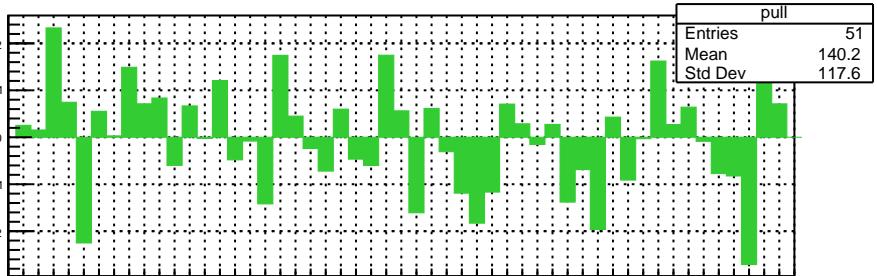
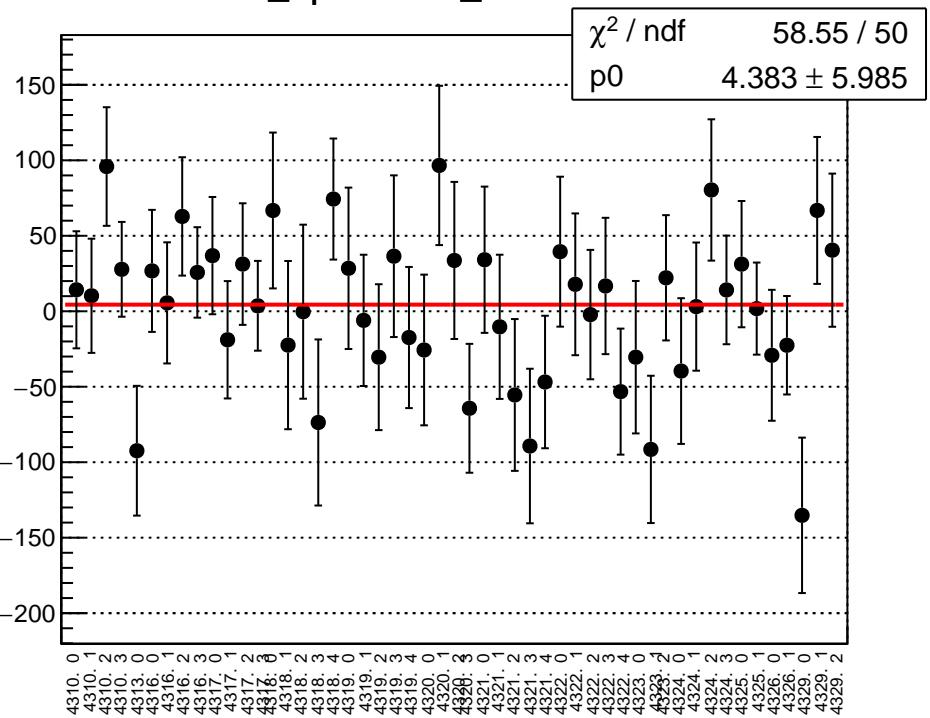
# diff\_bpm0l03X\_mean vs run



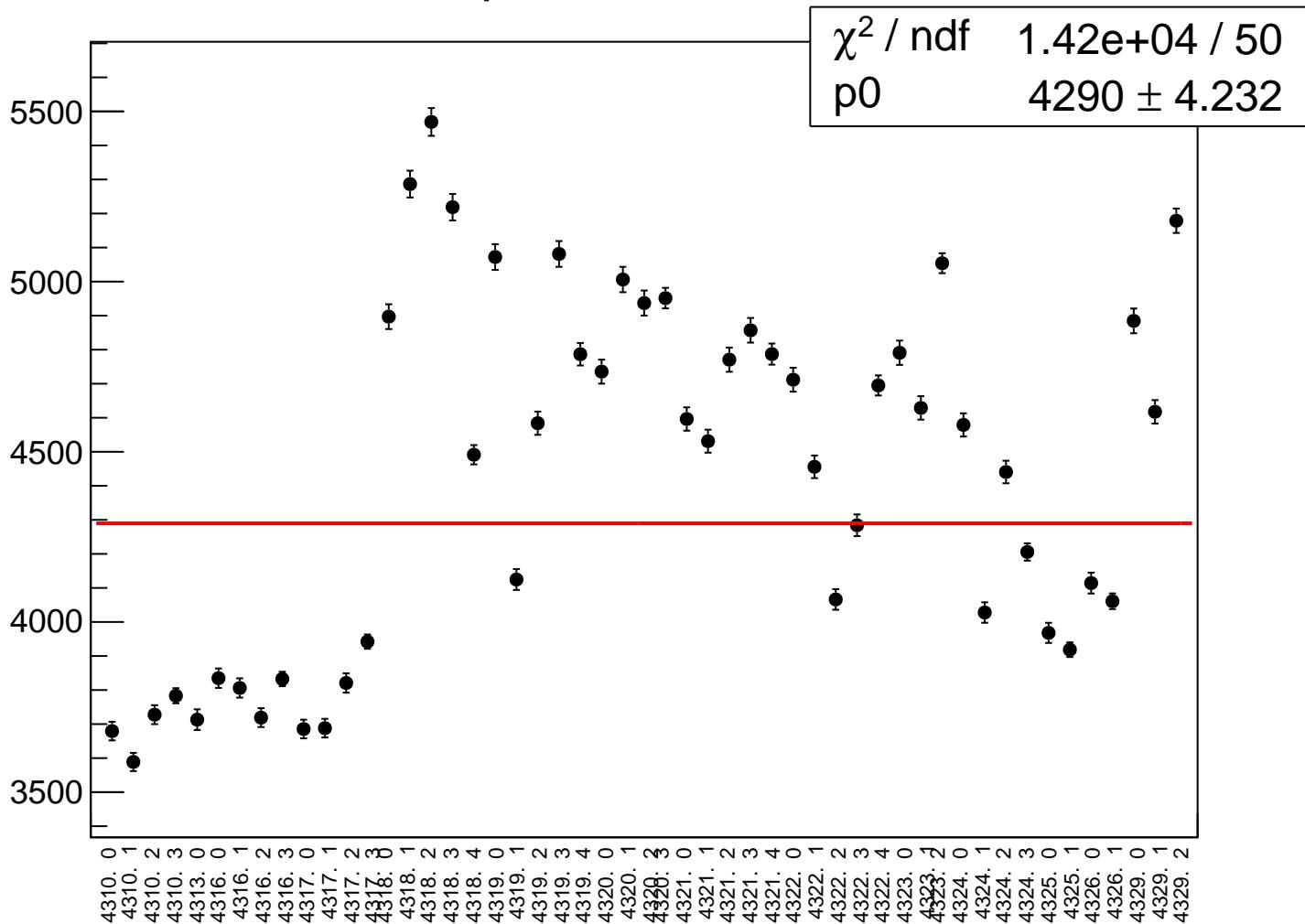
# diff\_bpmon03X\_rms vs run



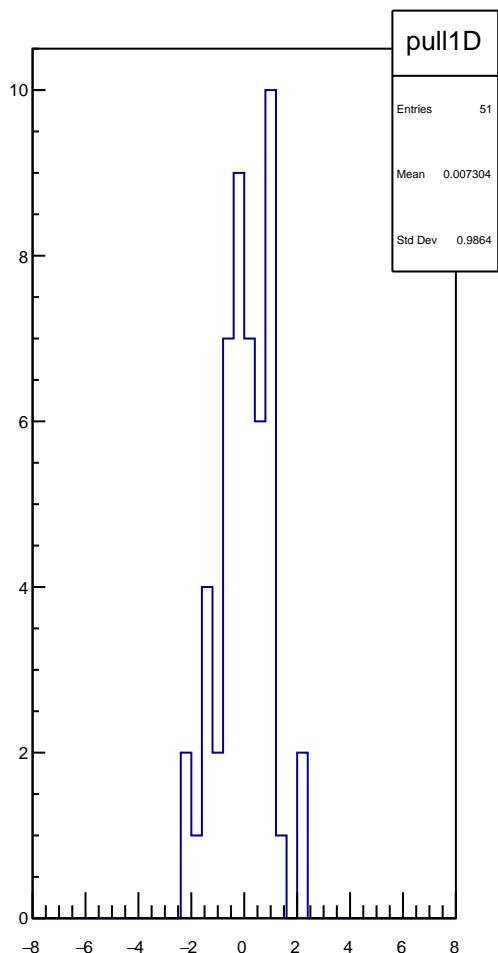
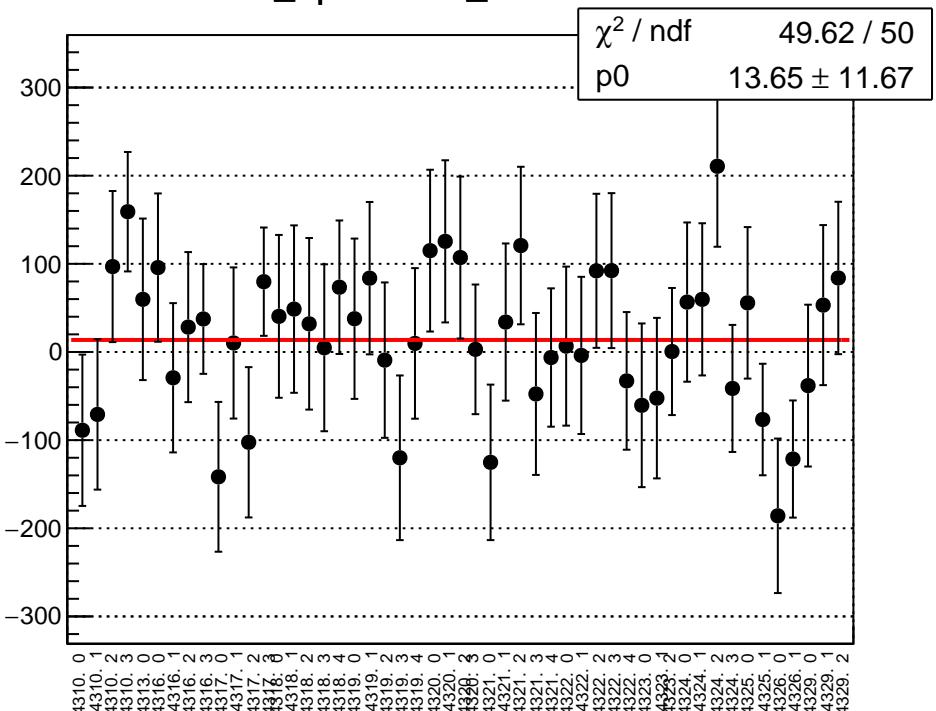
# diff\_bpm0l03Y\_mean vs run



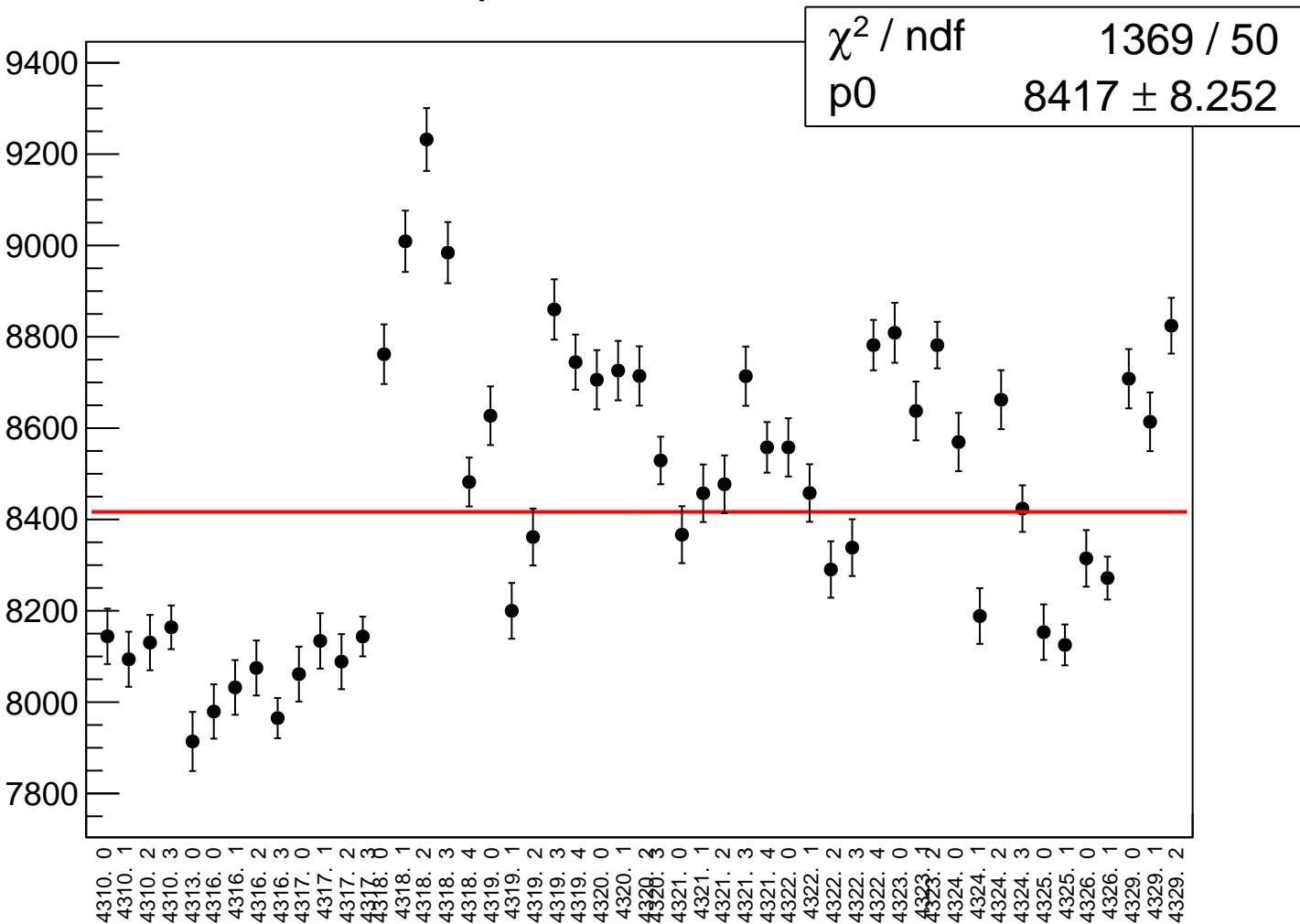
# diff\_bpm0I03Y\_rms vs run



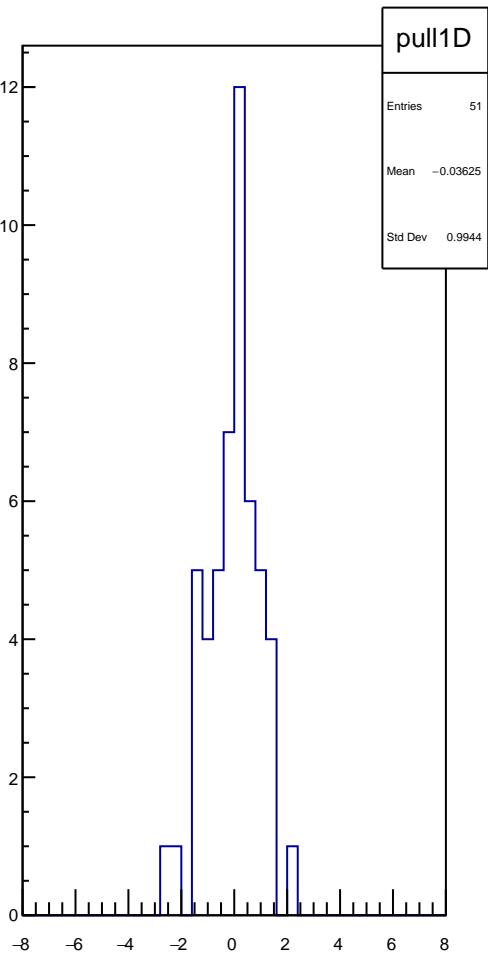
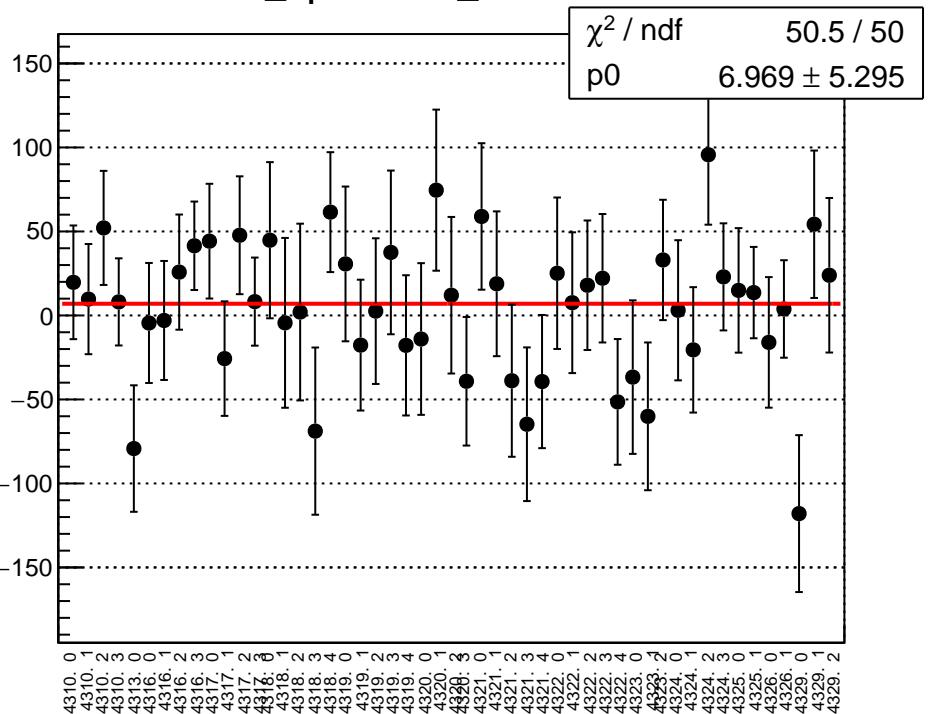
# diff\_bpm0l04X\_mean vs run



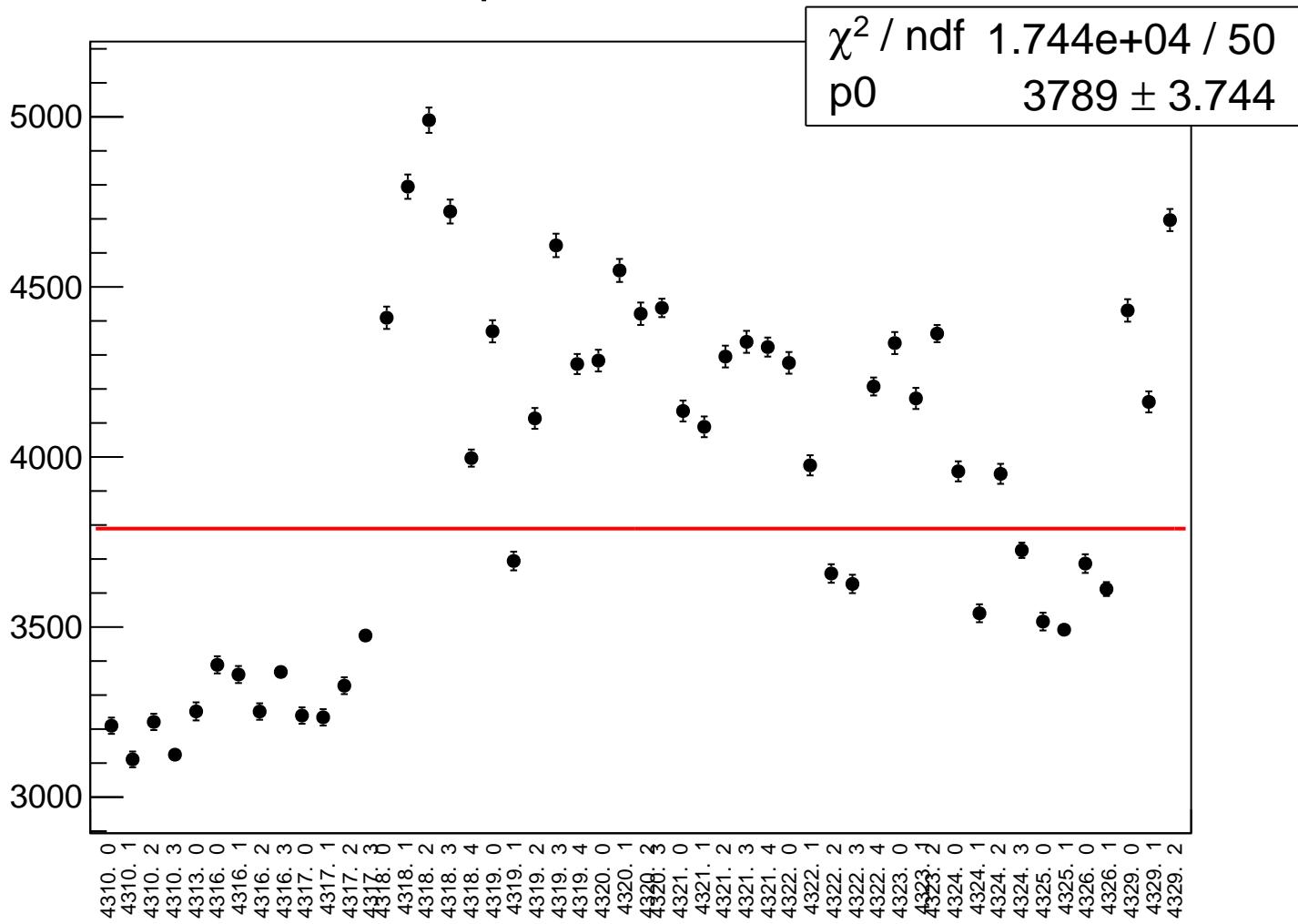
# diff\_bpmon04X\_rms vs run



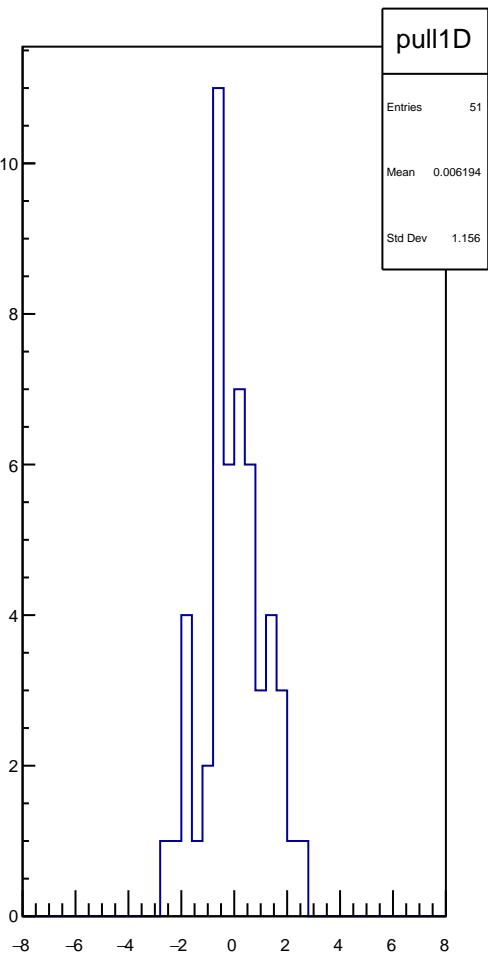
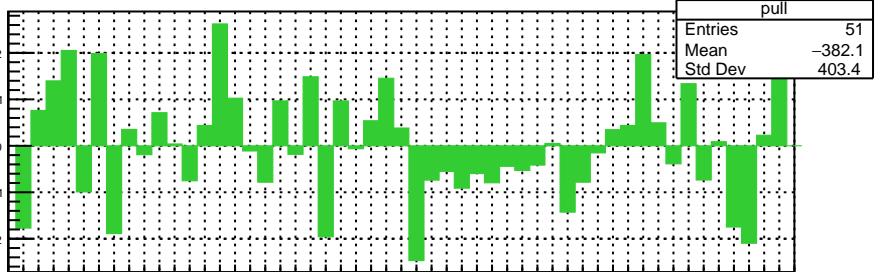
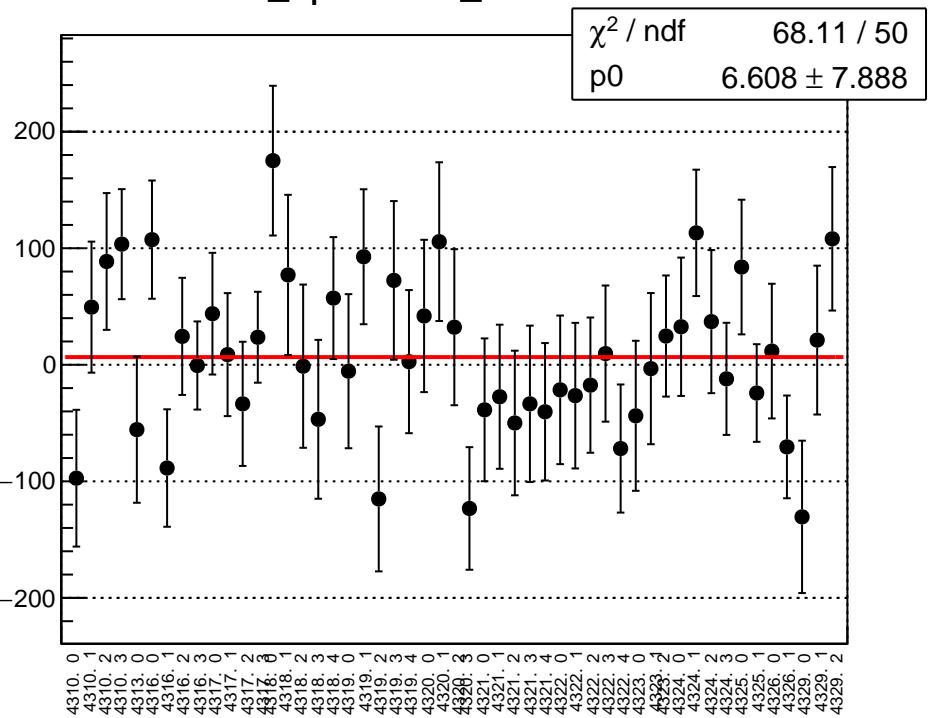
# diff\_bpm0l04Y\_mean vs run



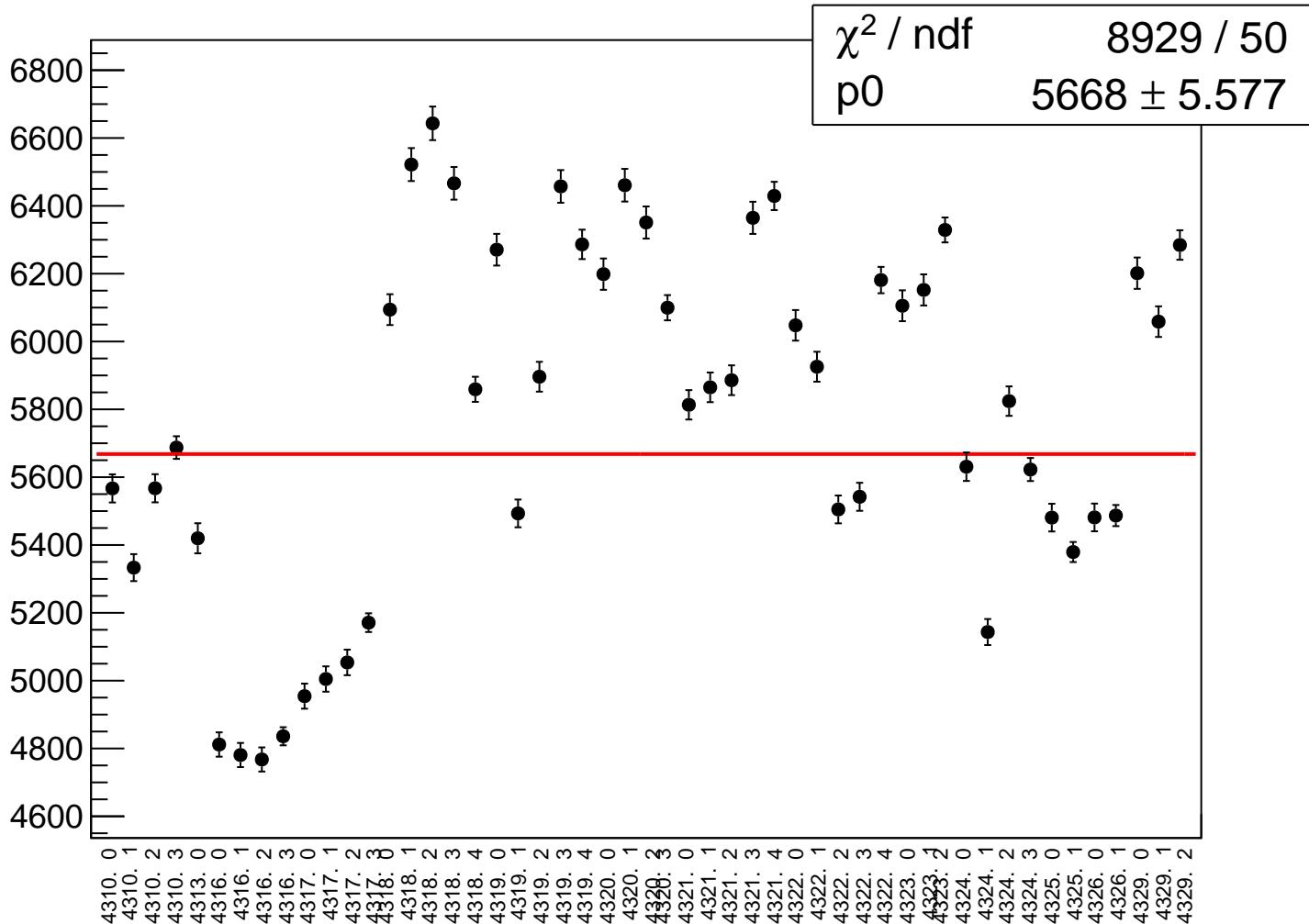
# diff\_bpm0I04Y\_rms vs run



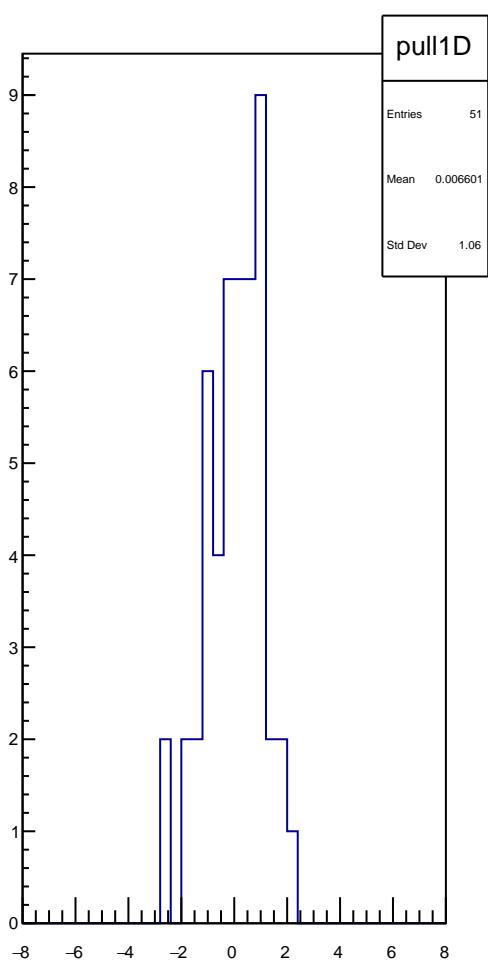
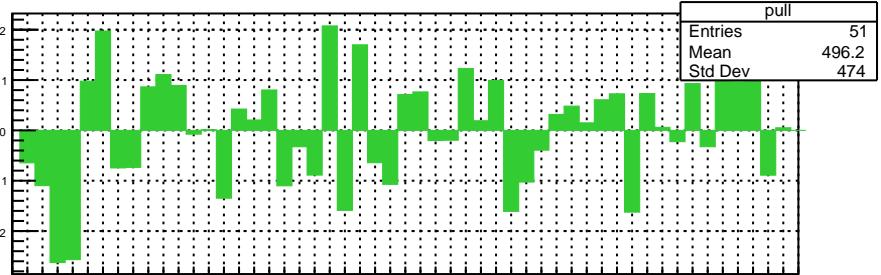
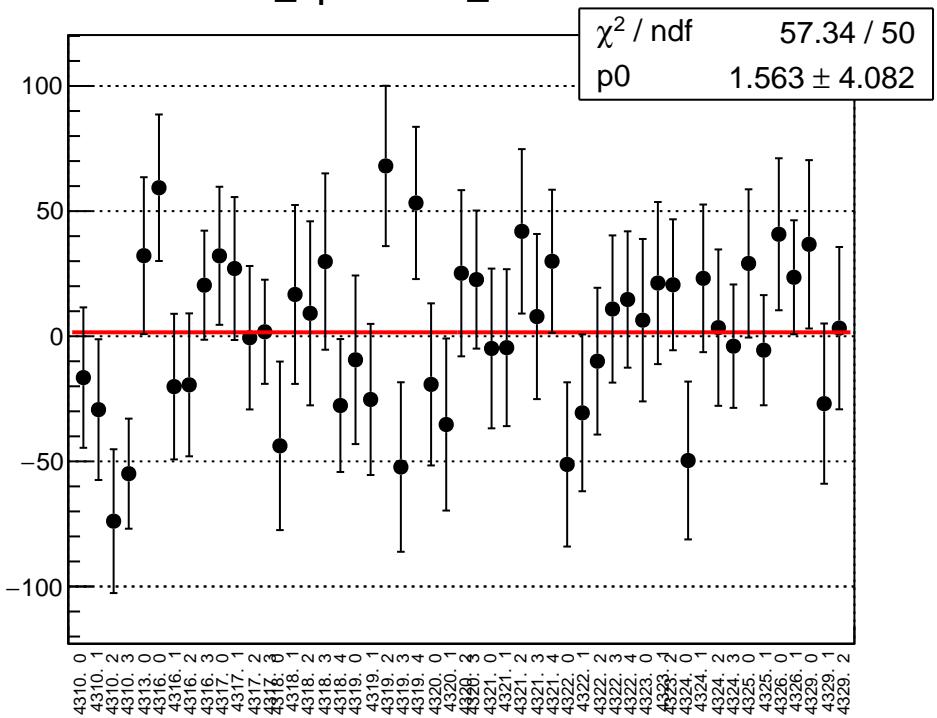
# diff\_bpm0l05X\_mean vs run



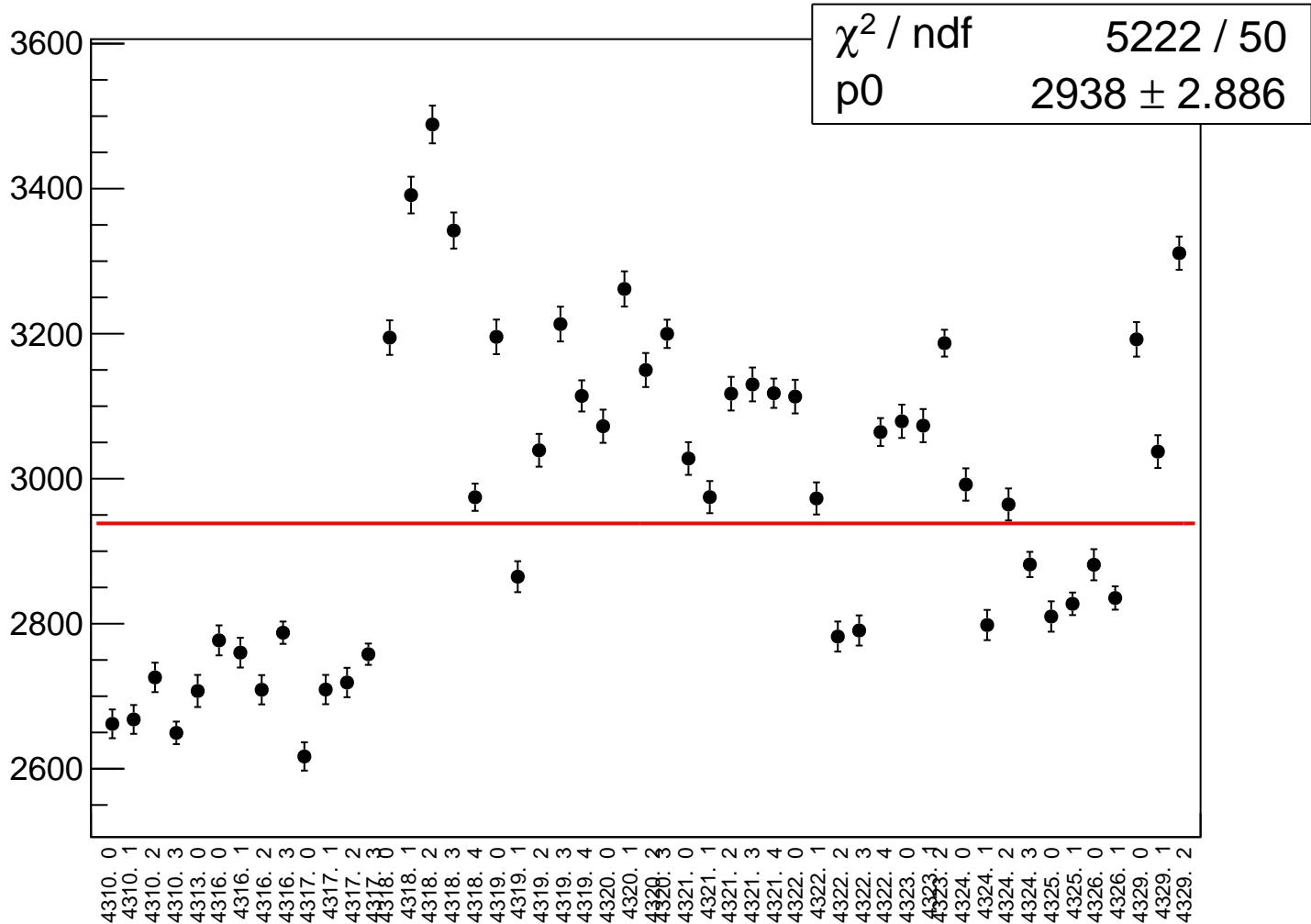
# diff\_bpm0I05X\_rms vs run



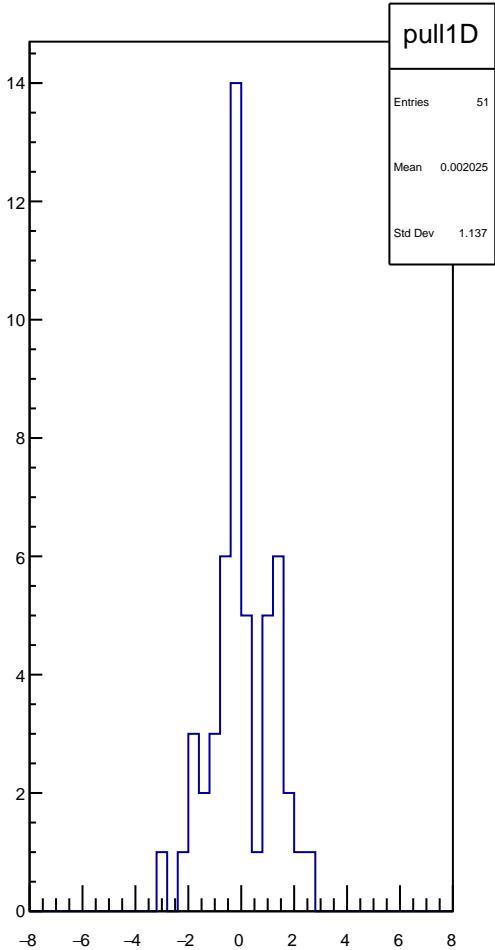
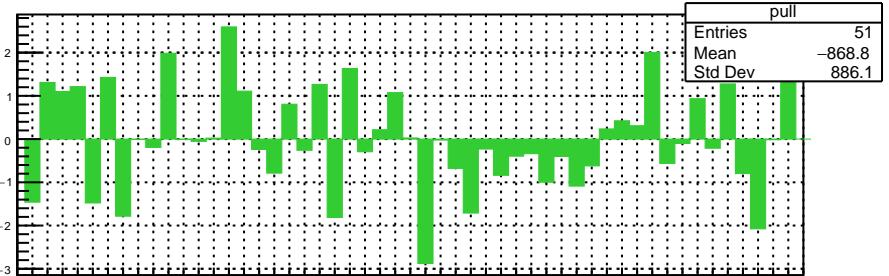
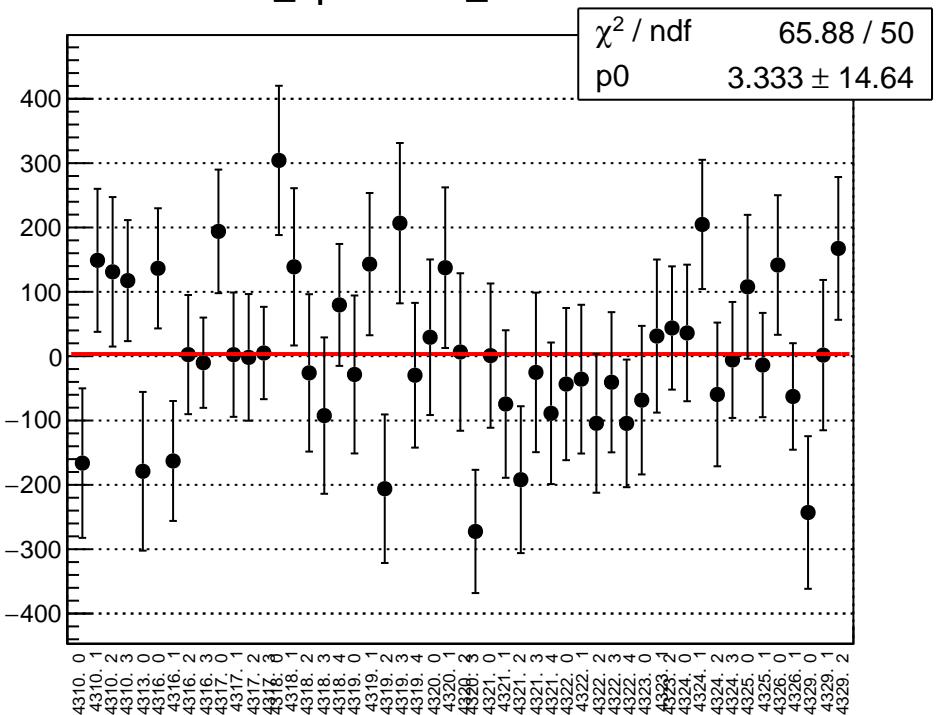
# diff\_bpm0l05Y\_mean vs run



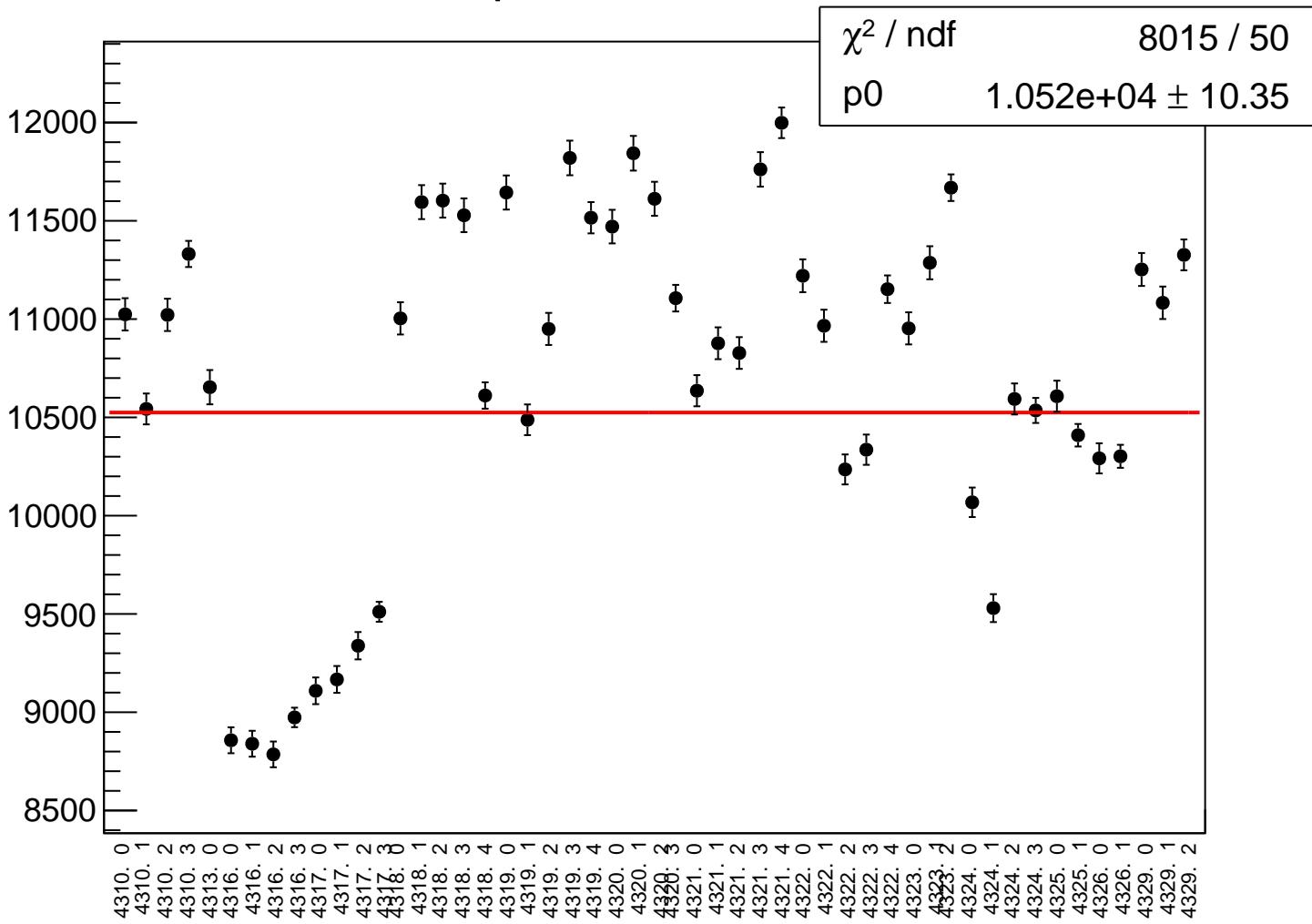
# diff\_bpmon05Y\_rms vs run



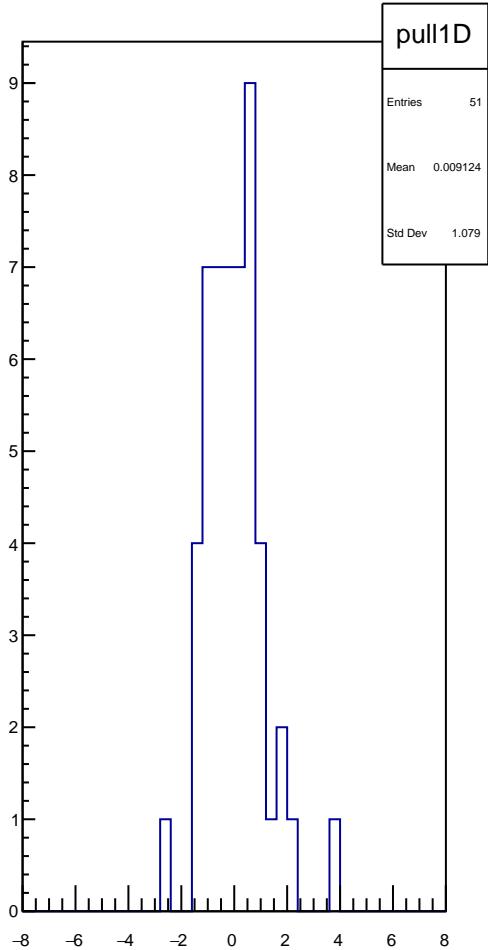
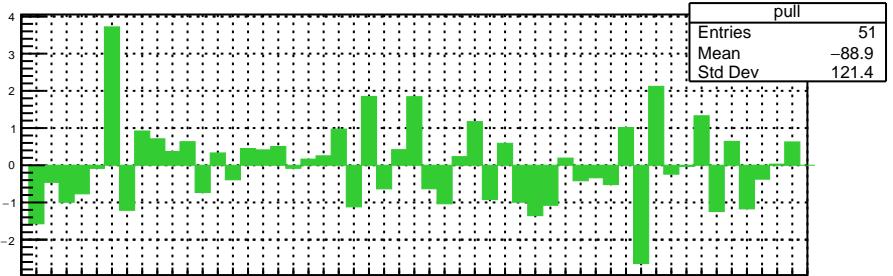
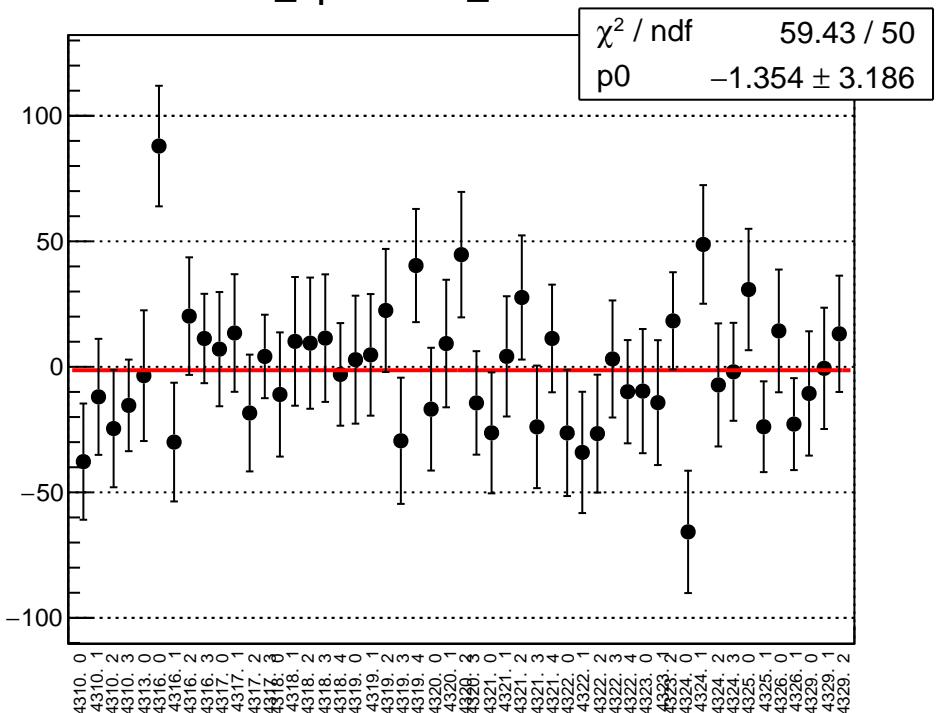
# diff\_bpm0l06X\_mean vs run



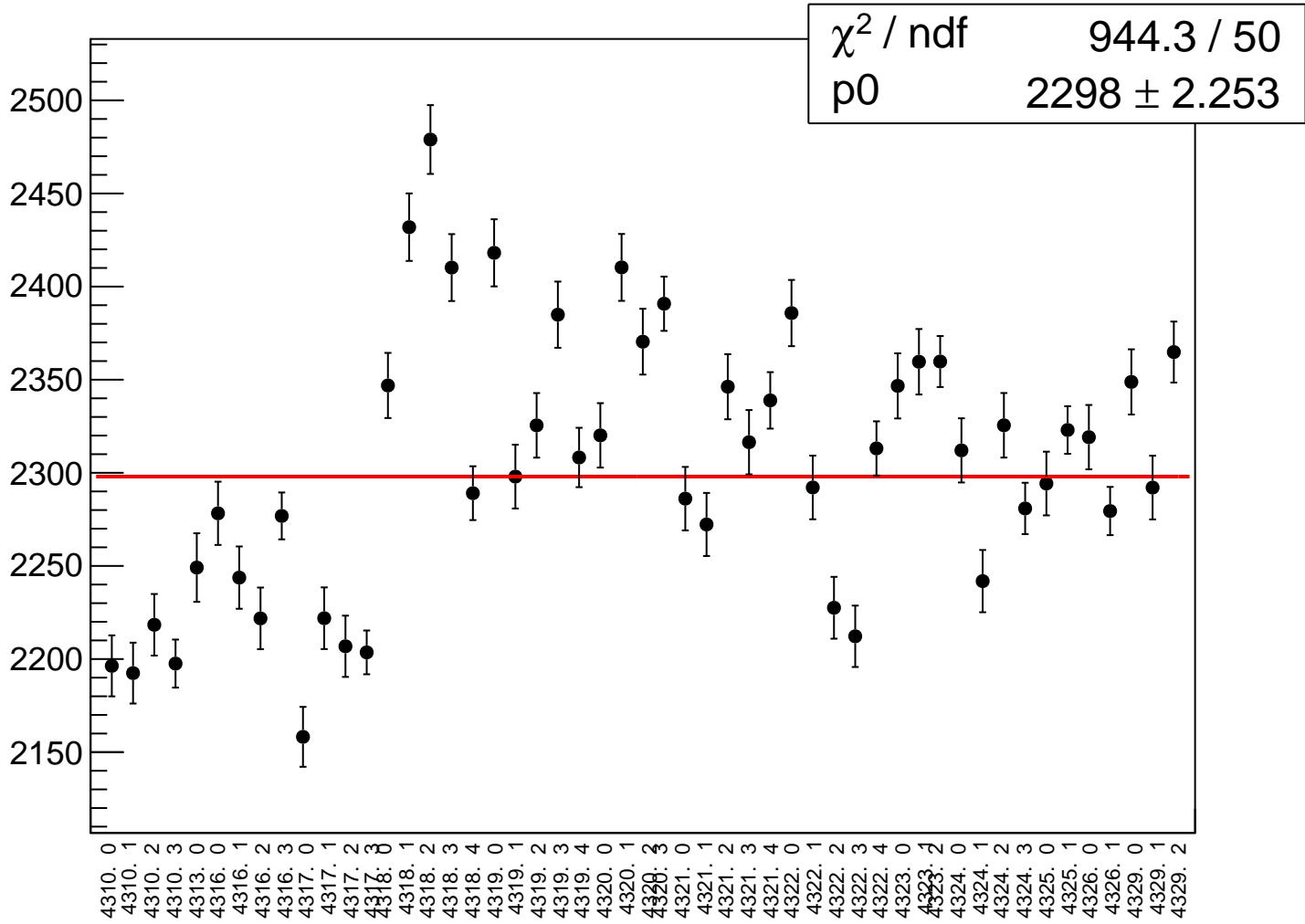
# diff\_bpm0I06X\_rms vs run



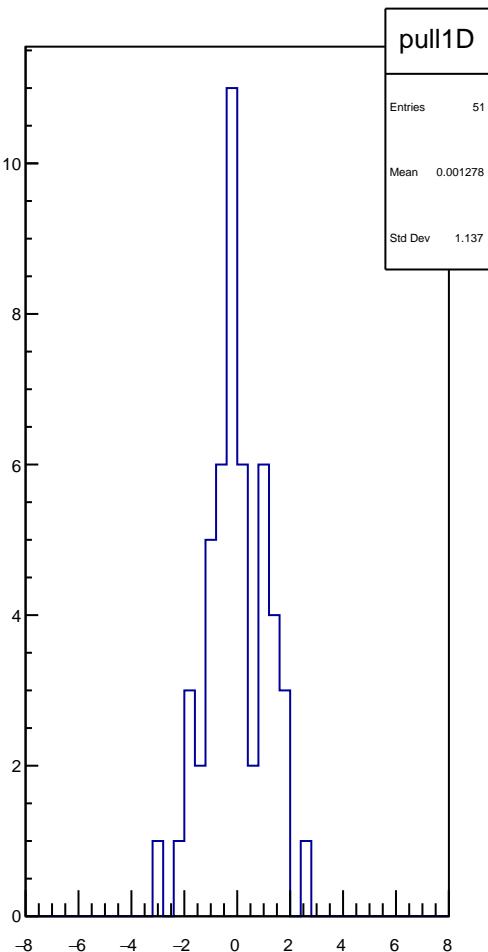
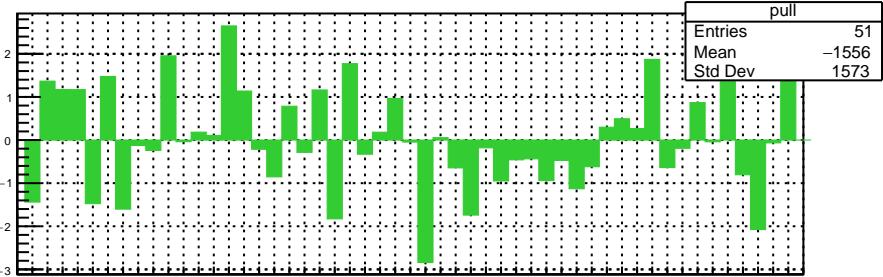
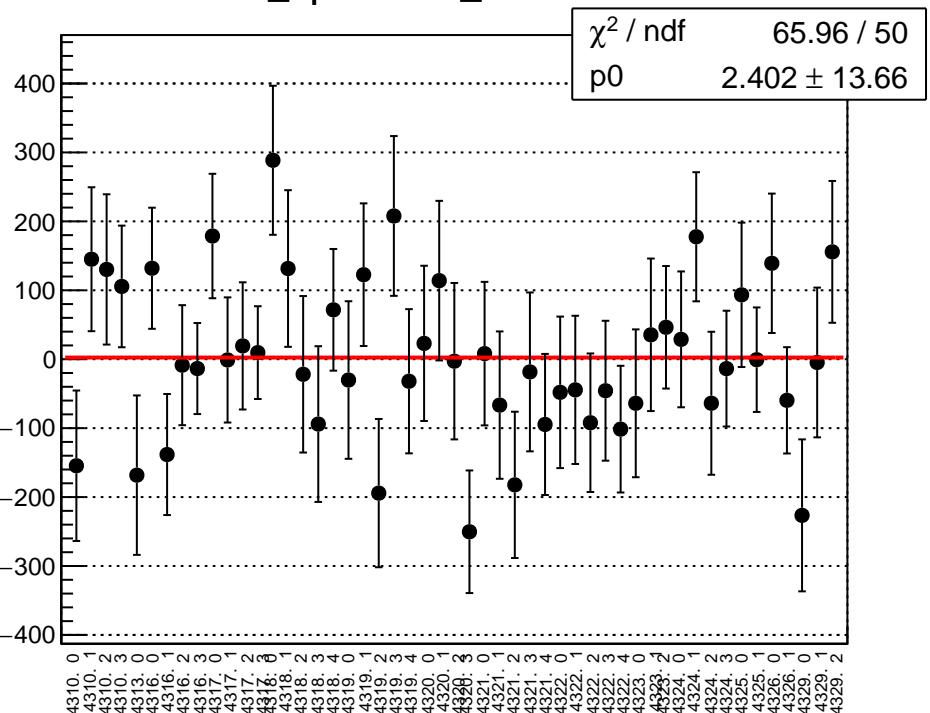
# diff\_bpm0l06Y\_mean vs run



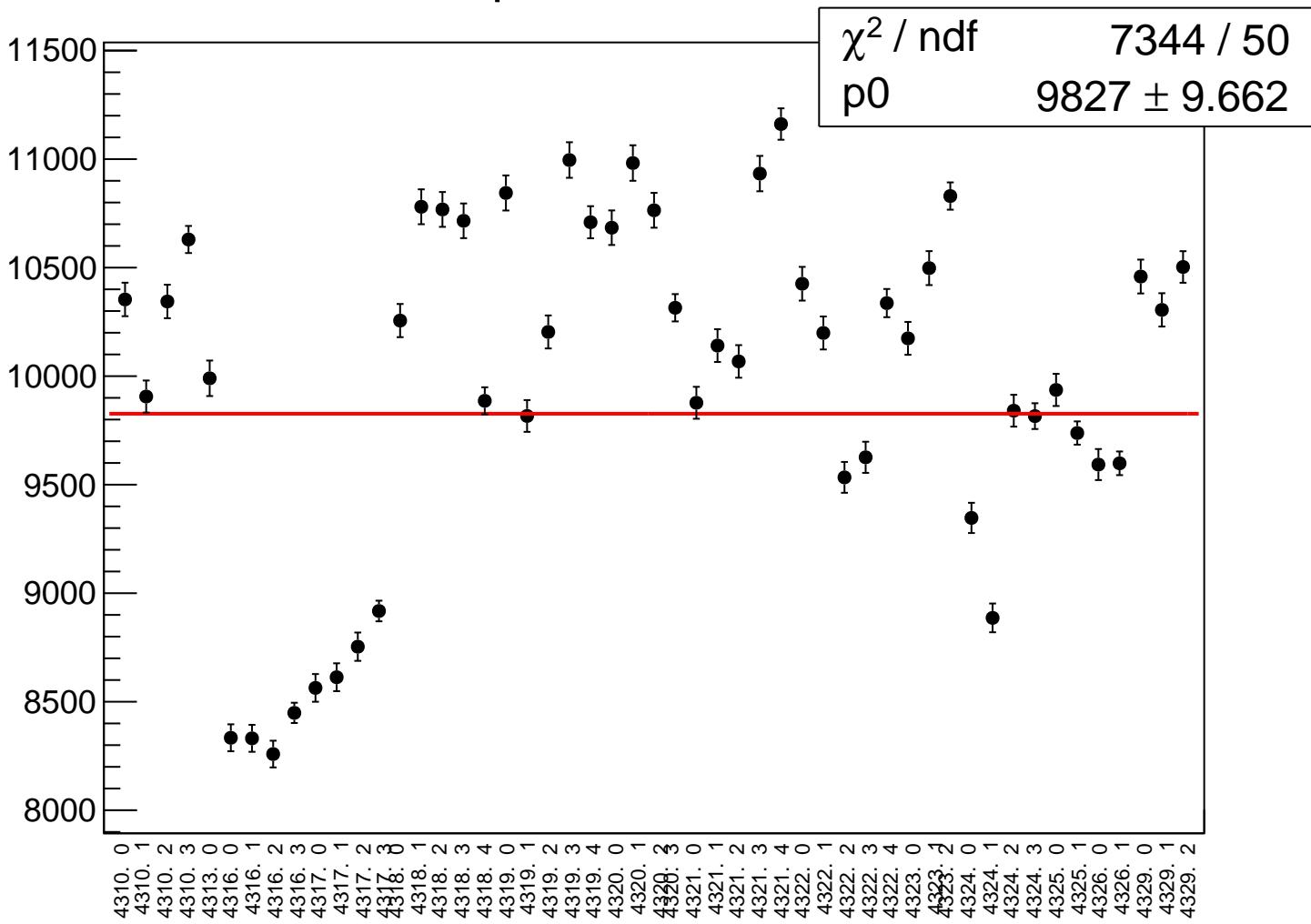
# diff\_bpmon06Y\_rms vs run



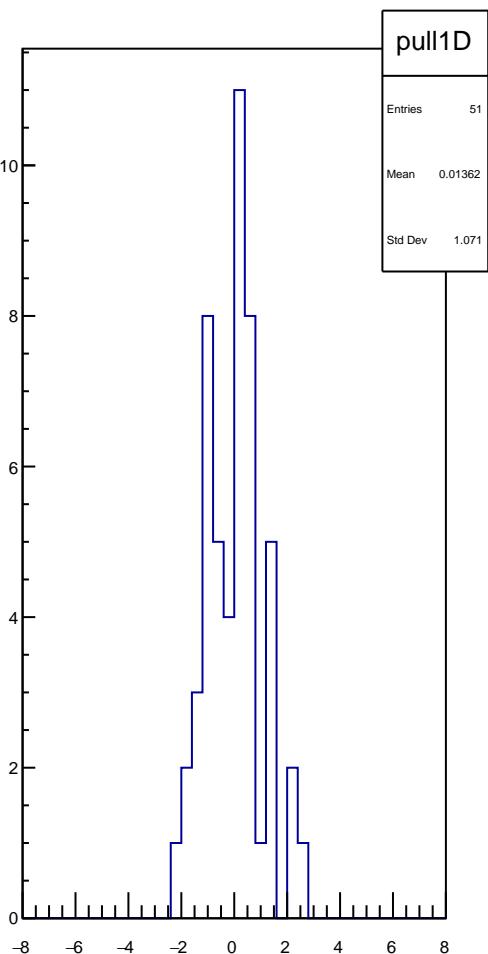
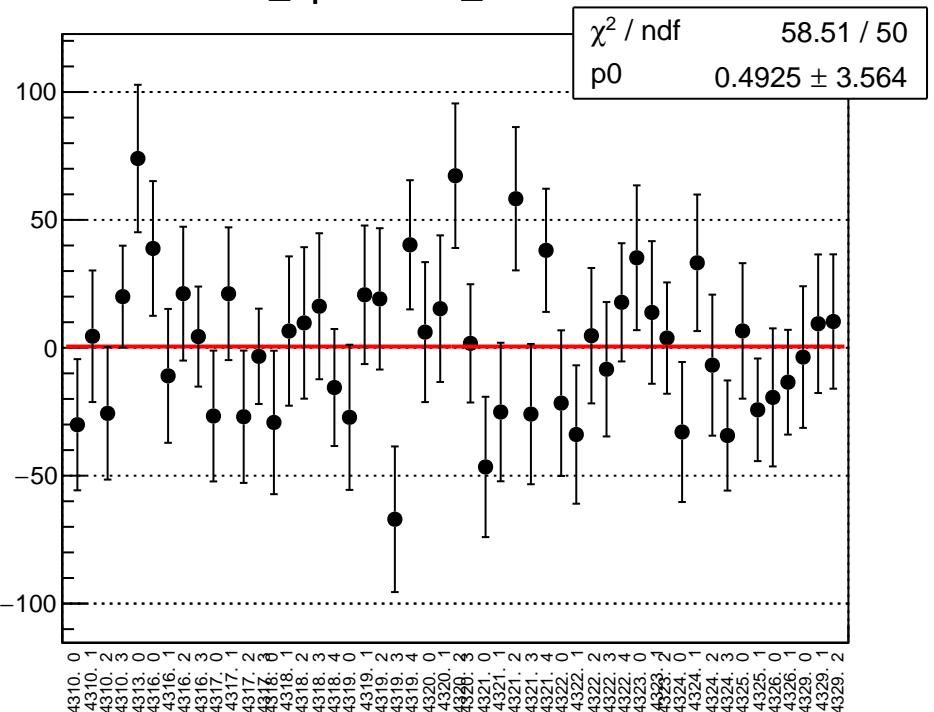
# diff\_bpm0l07X\_mean vs run



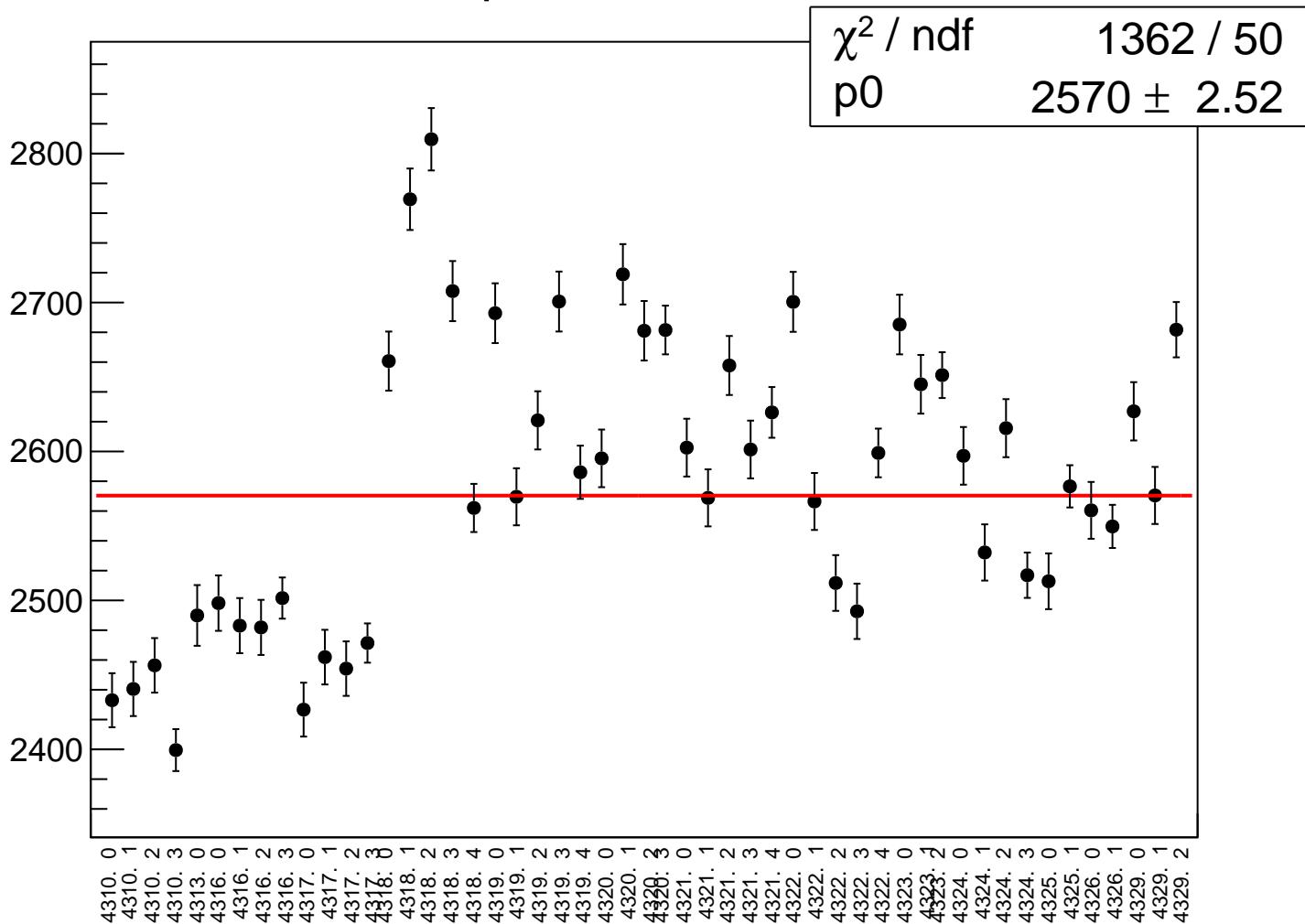
# diff\_bpmon07X\_rms vs run



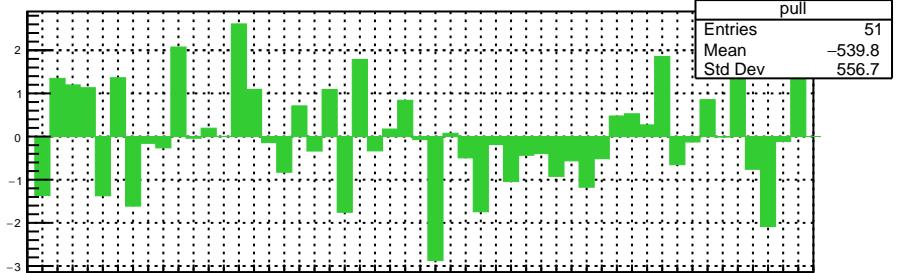
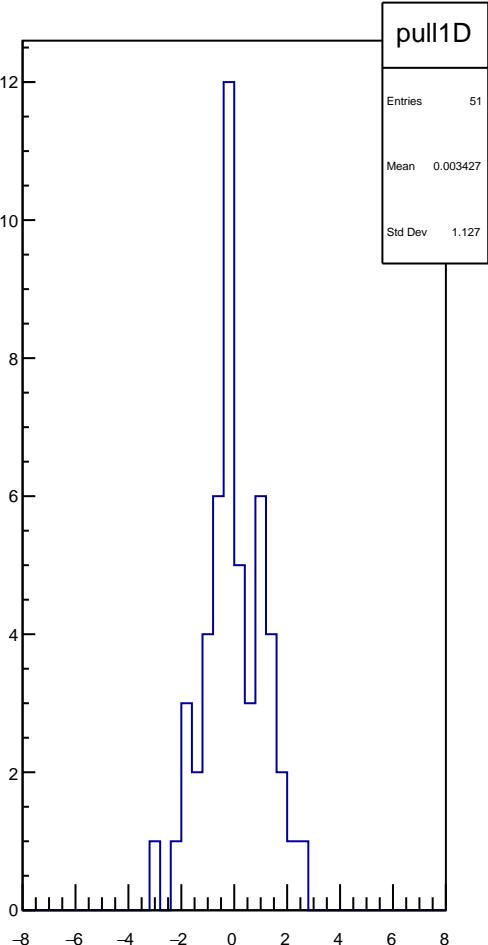
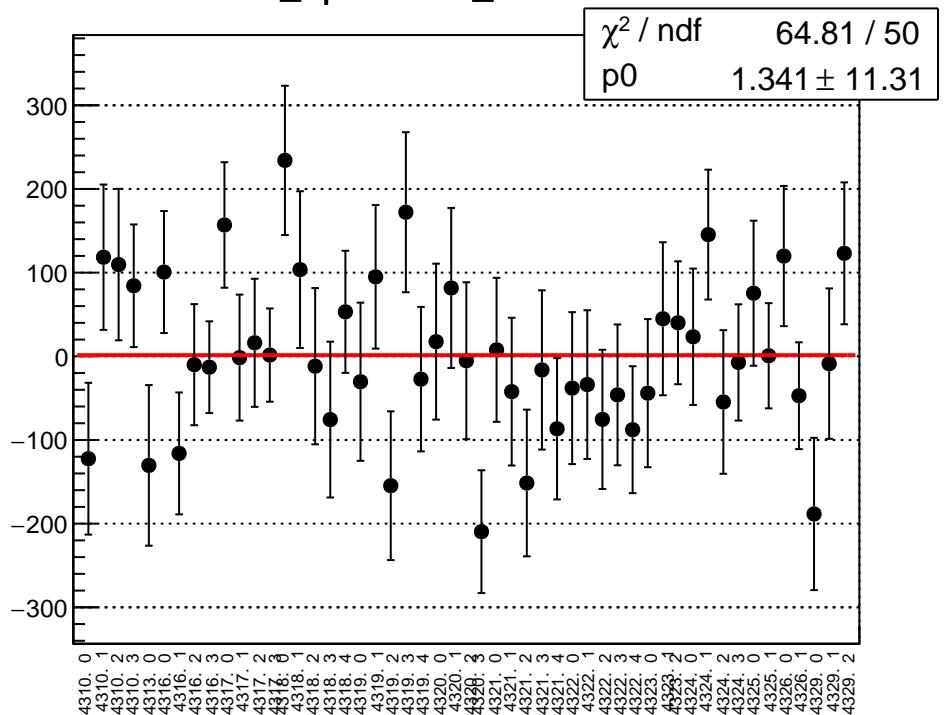
# diff\_bpm0l07Y\_mean vs run



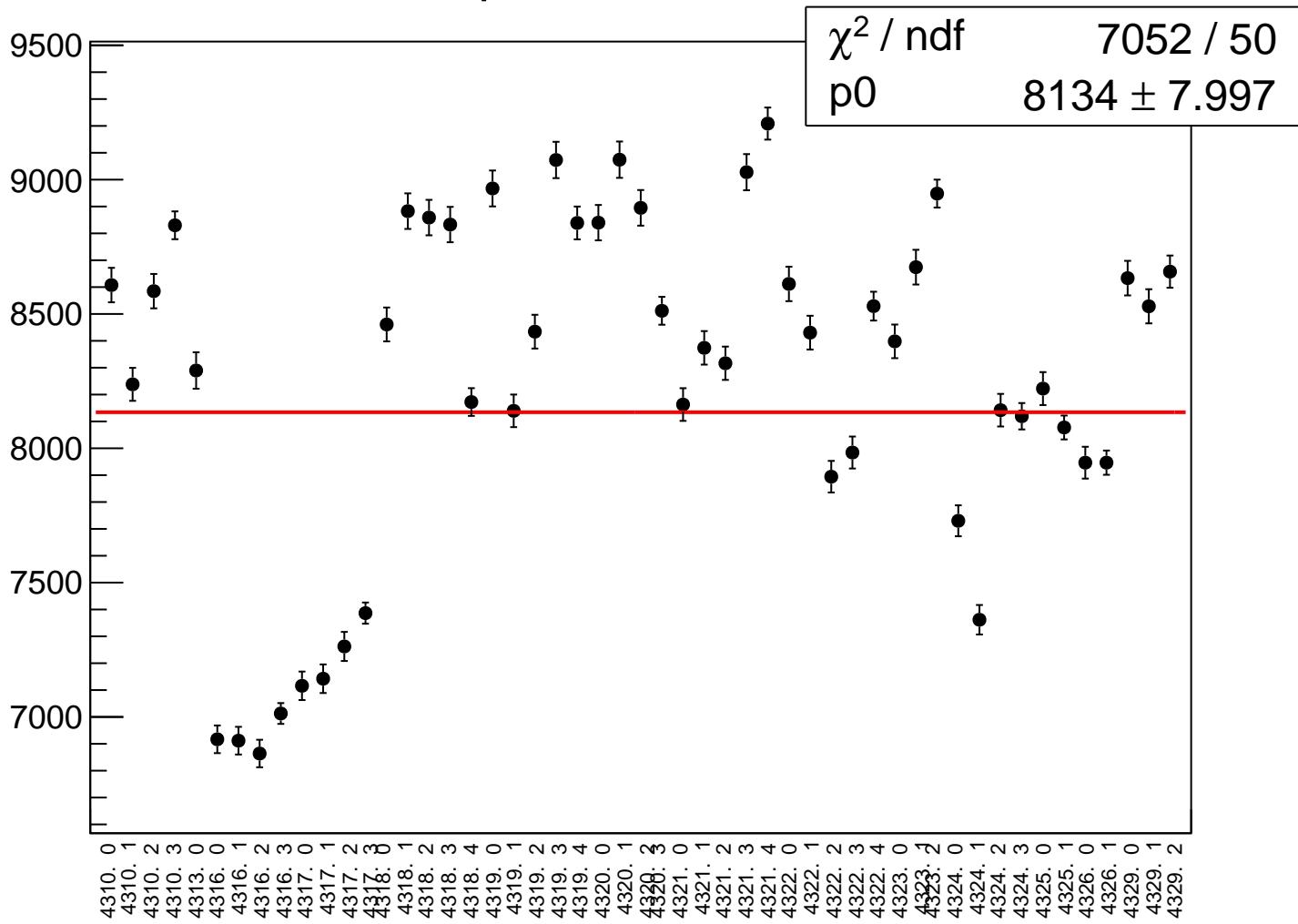
# diff\_bpmon07Y\_rms vs run



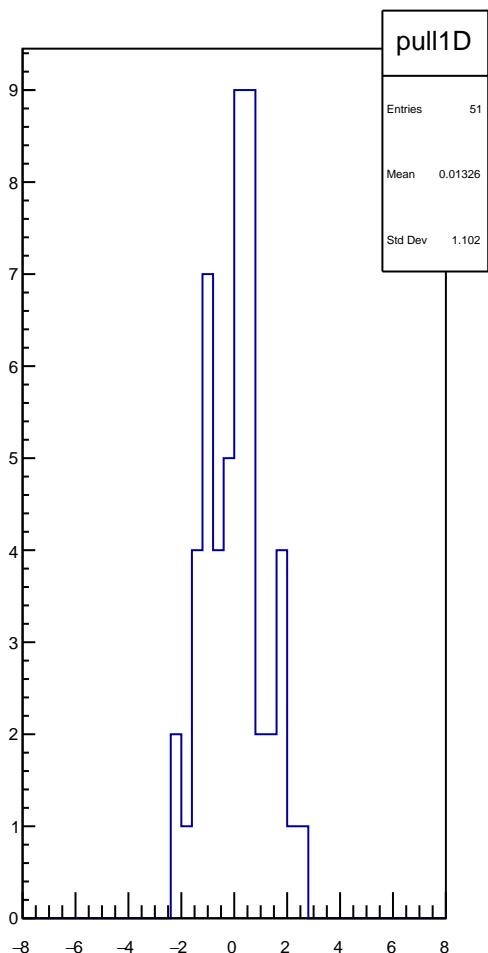
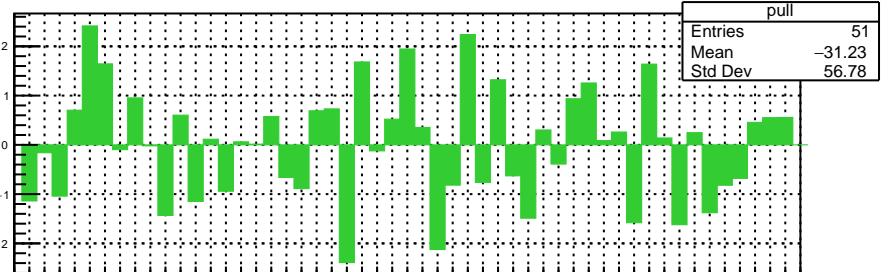
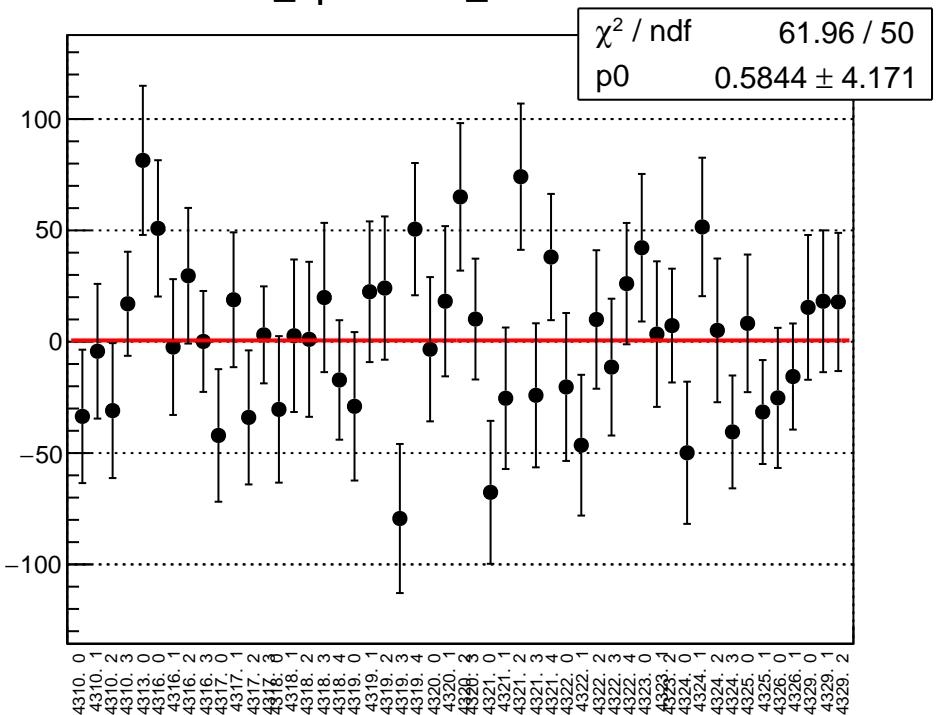
# diff\_bpm0l08X\_mean vs run



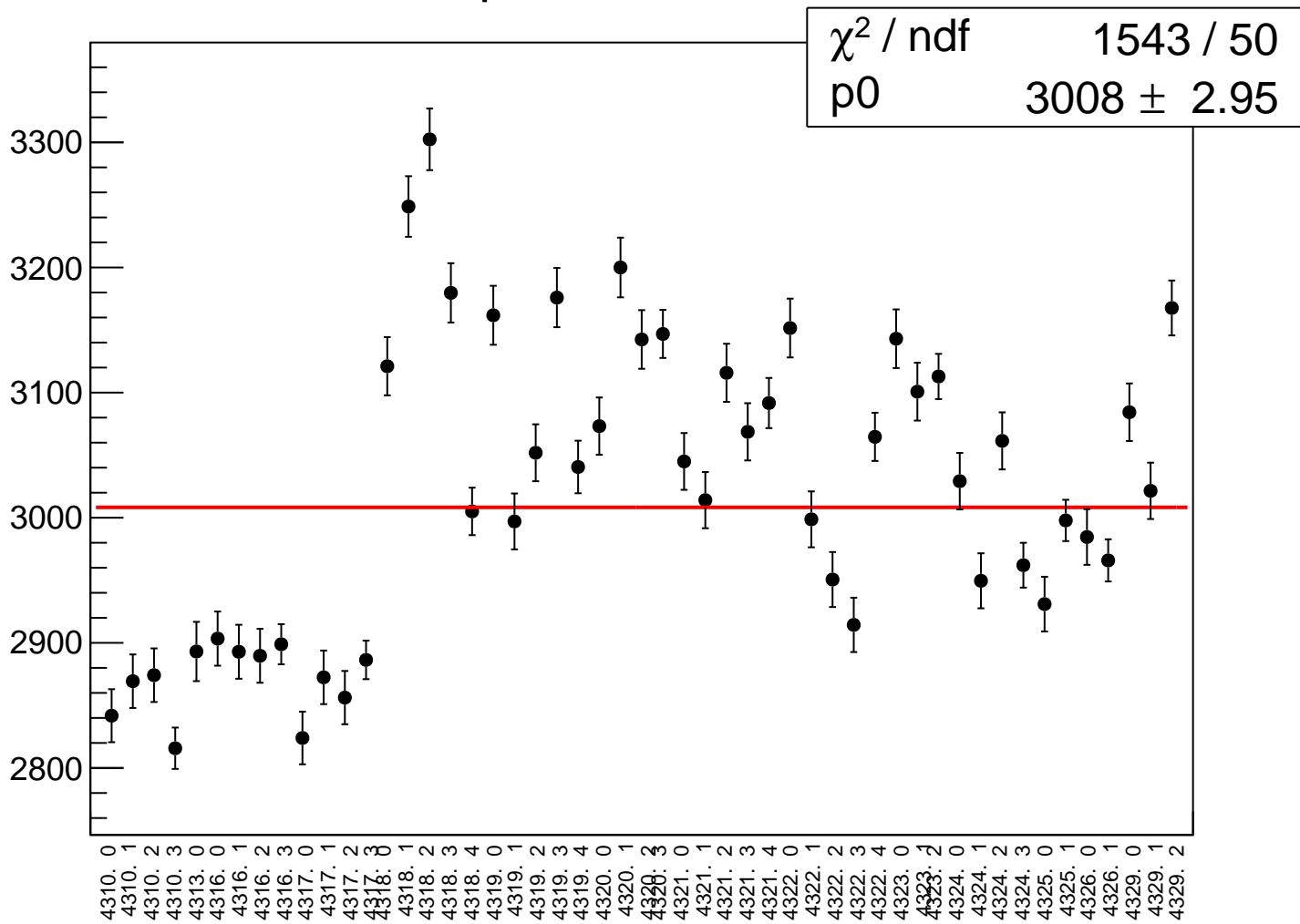
# diff\_bpmon08X\_rms vs run



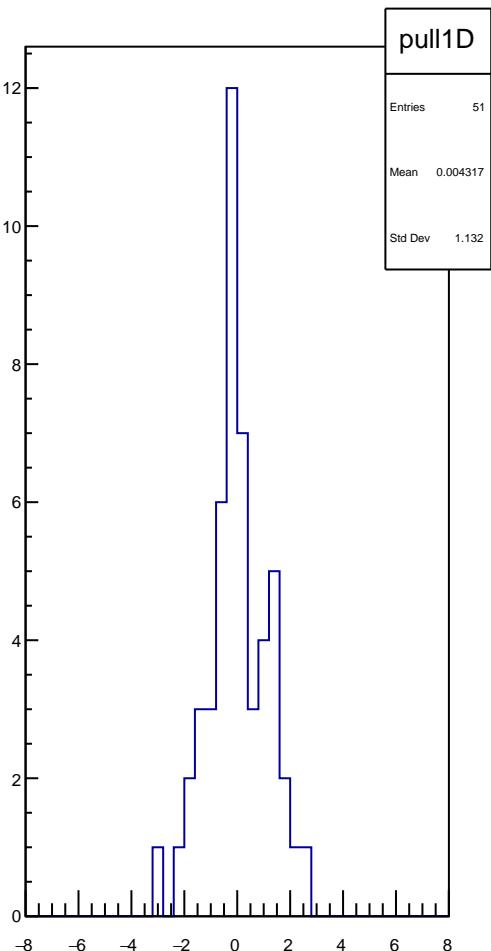
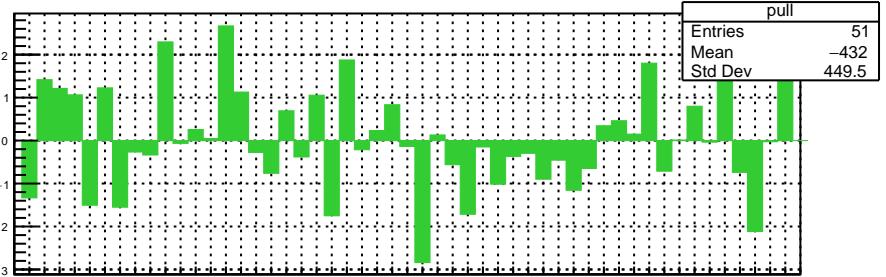
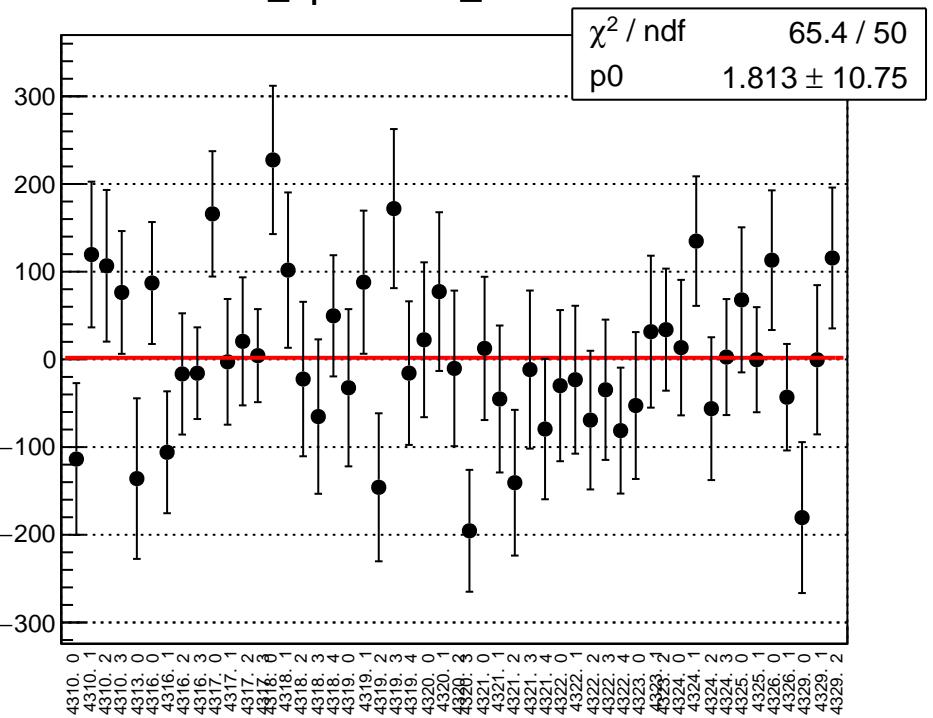
# diff\_bpm0l08Y\_mean vs run



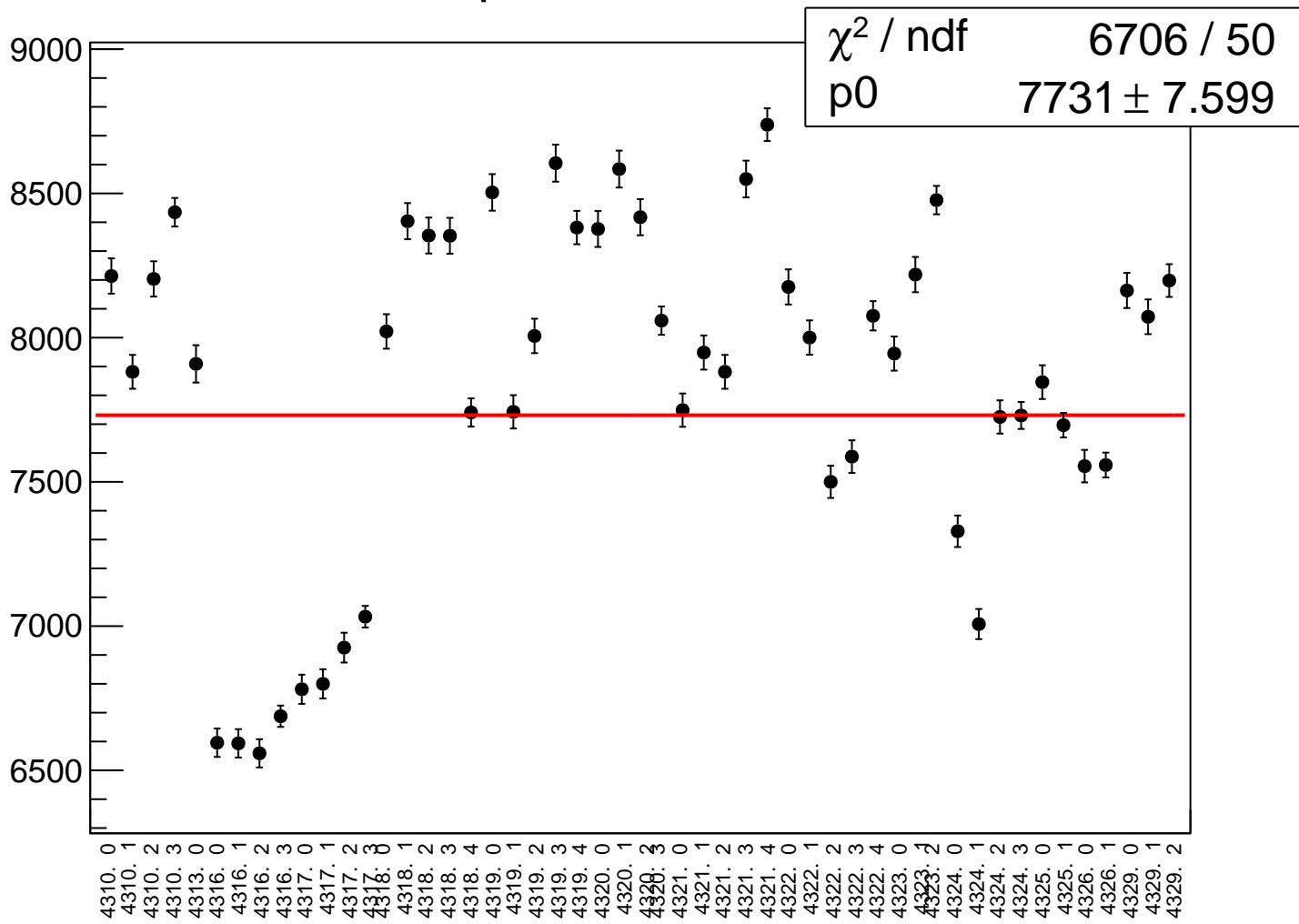
# diff\_bpmon08Y\_rms vs run



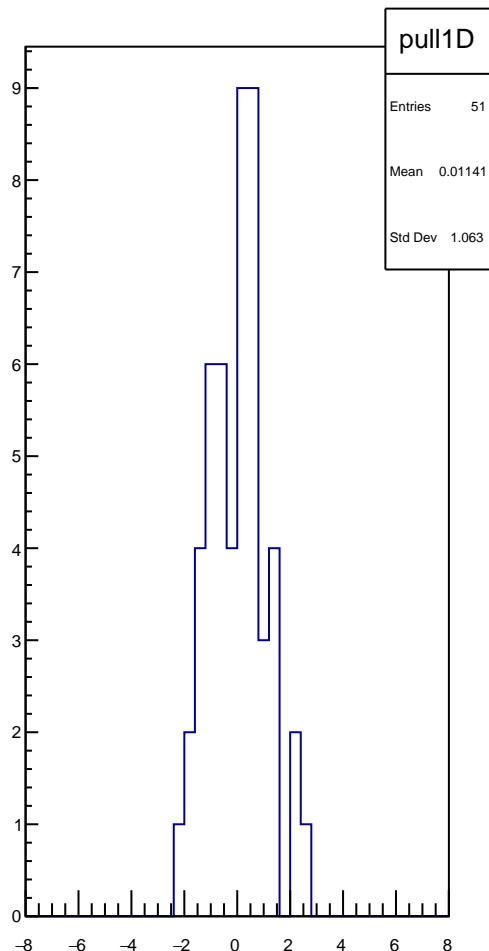
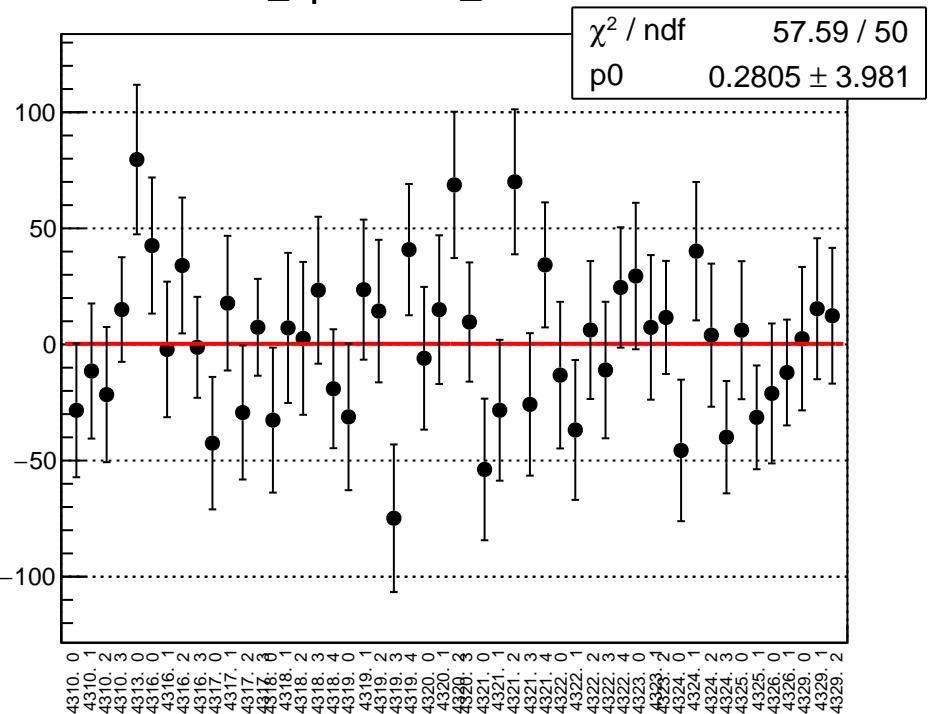
# diff\_bpm0l09X\_mean vs run



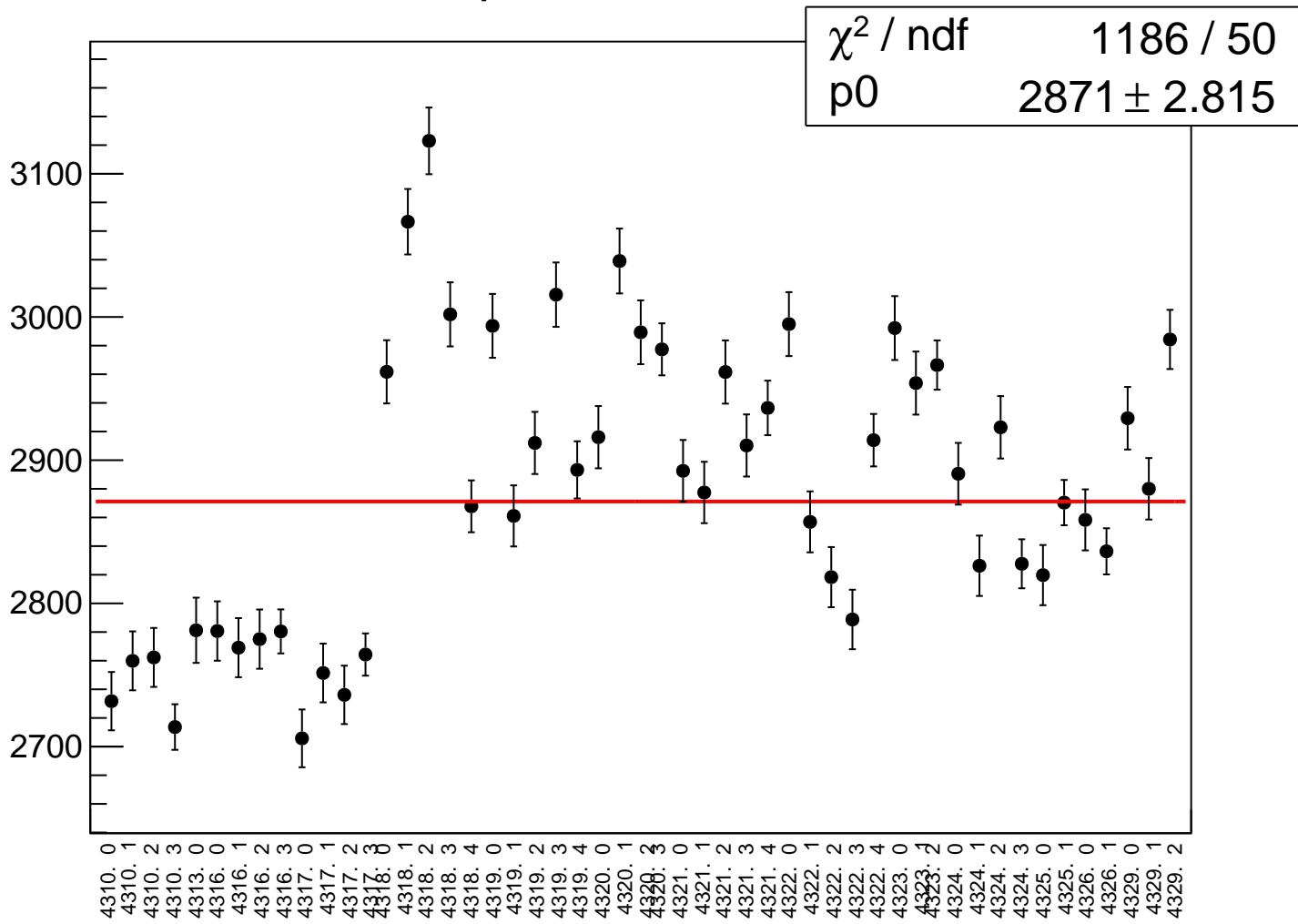
# diff\_bpmon09X\_rms vs run



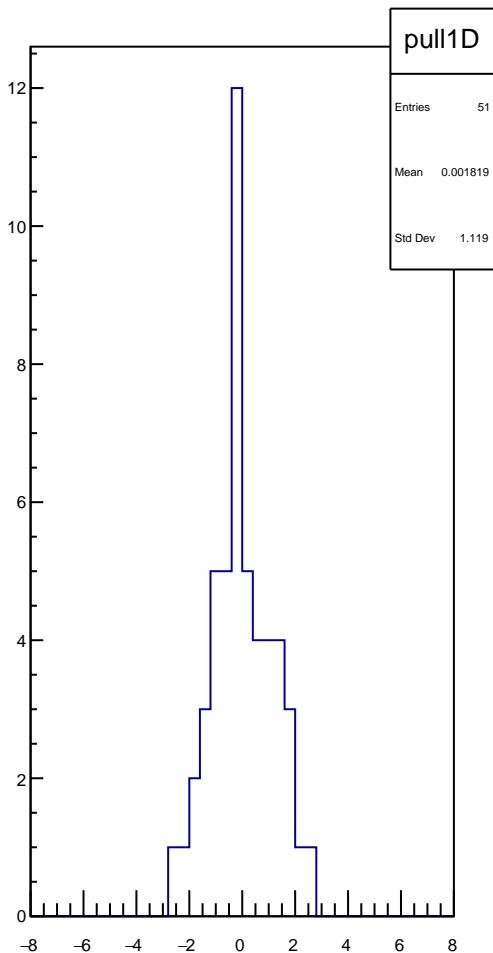
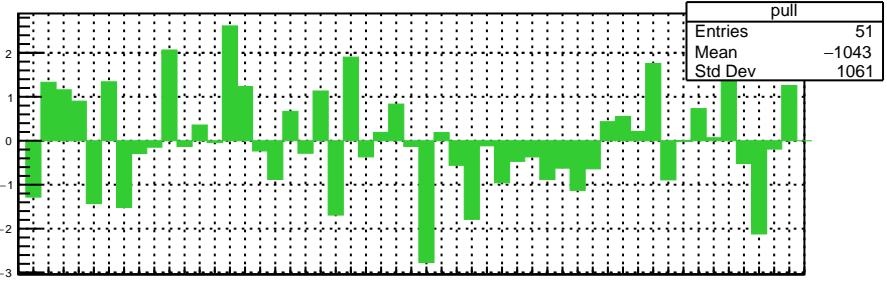
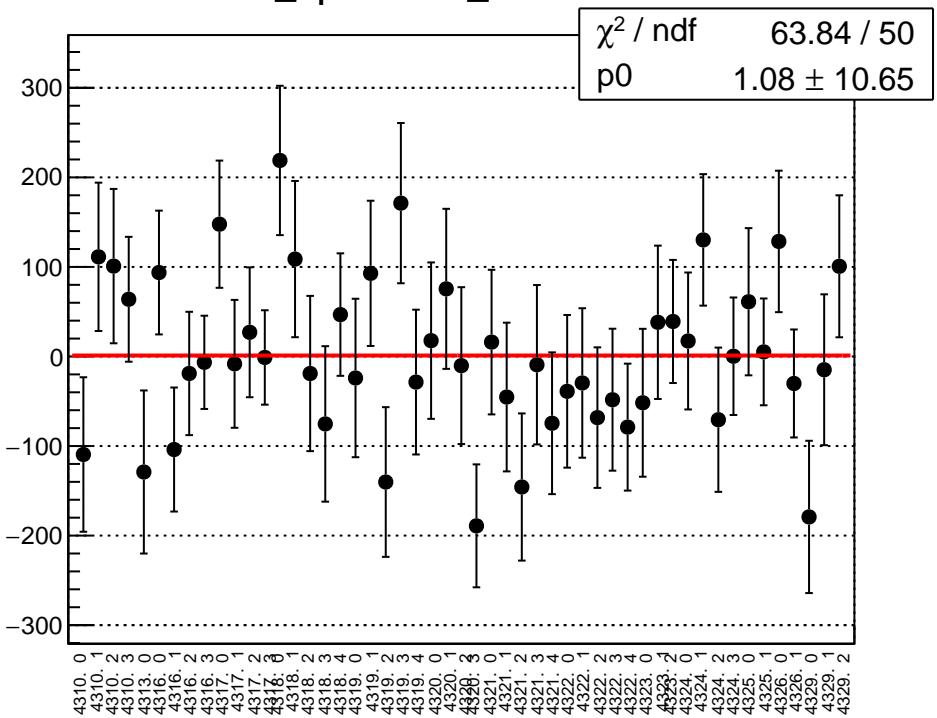
# diff\_bpm0l09Y\_mean vs run



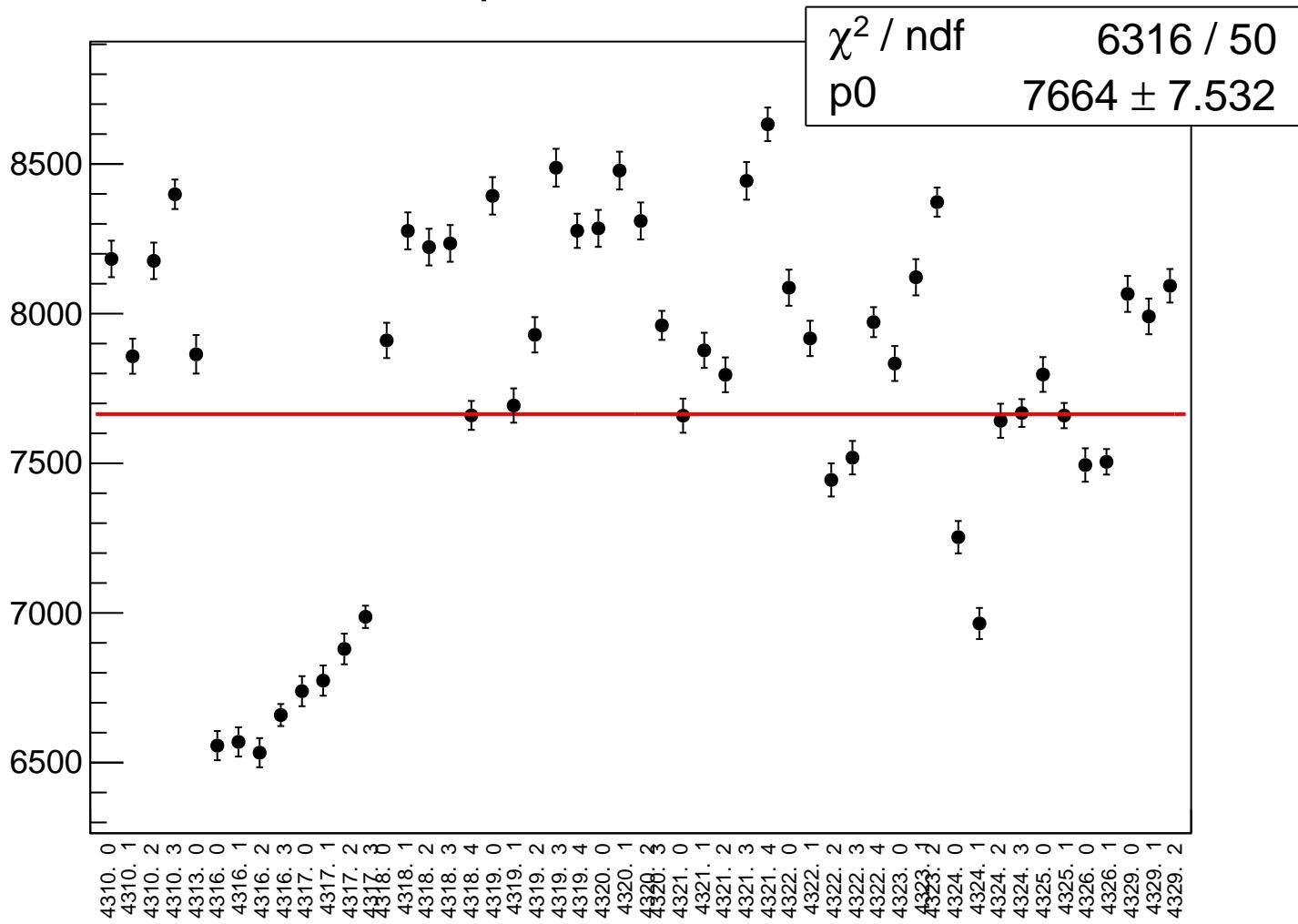
# diff\_bpmon09Y\_rms vs run



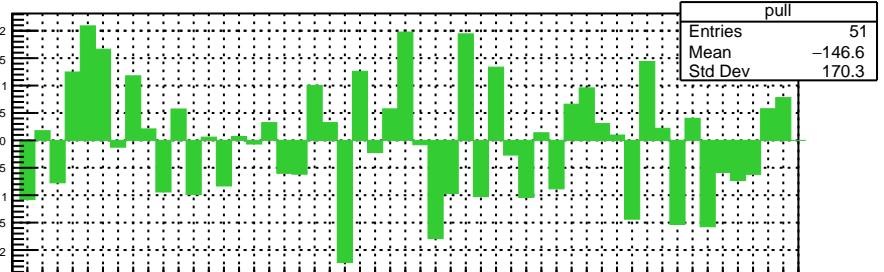
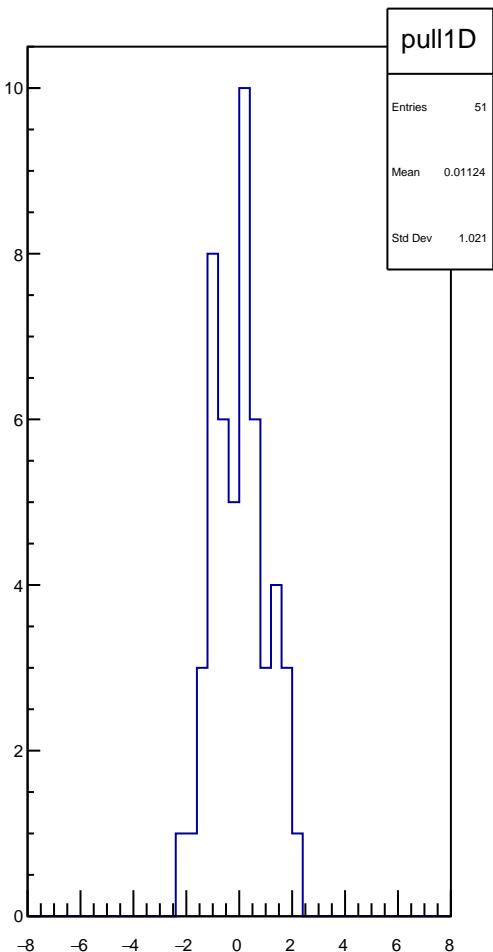
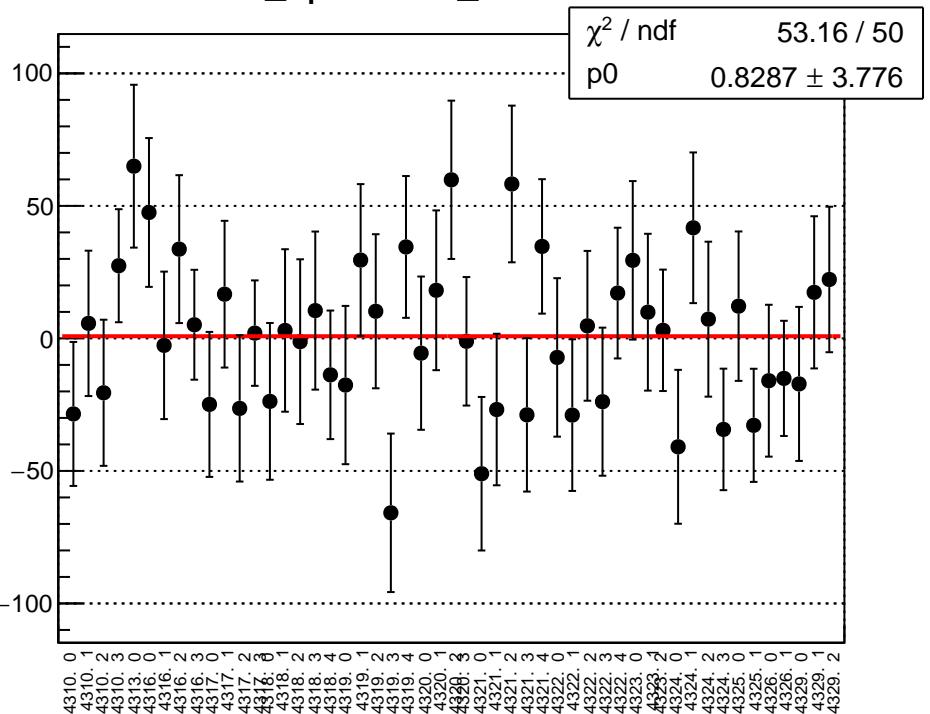
# diff\_bpm0l10X\_mean vs run



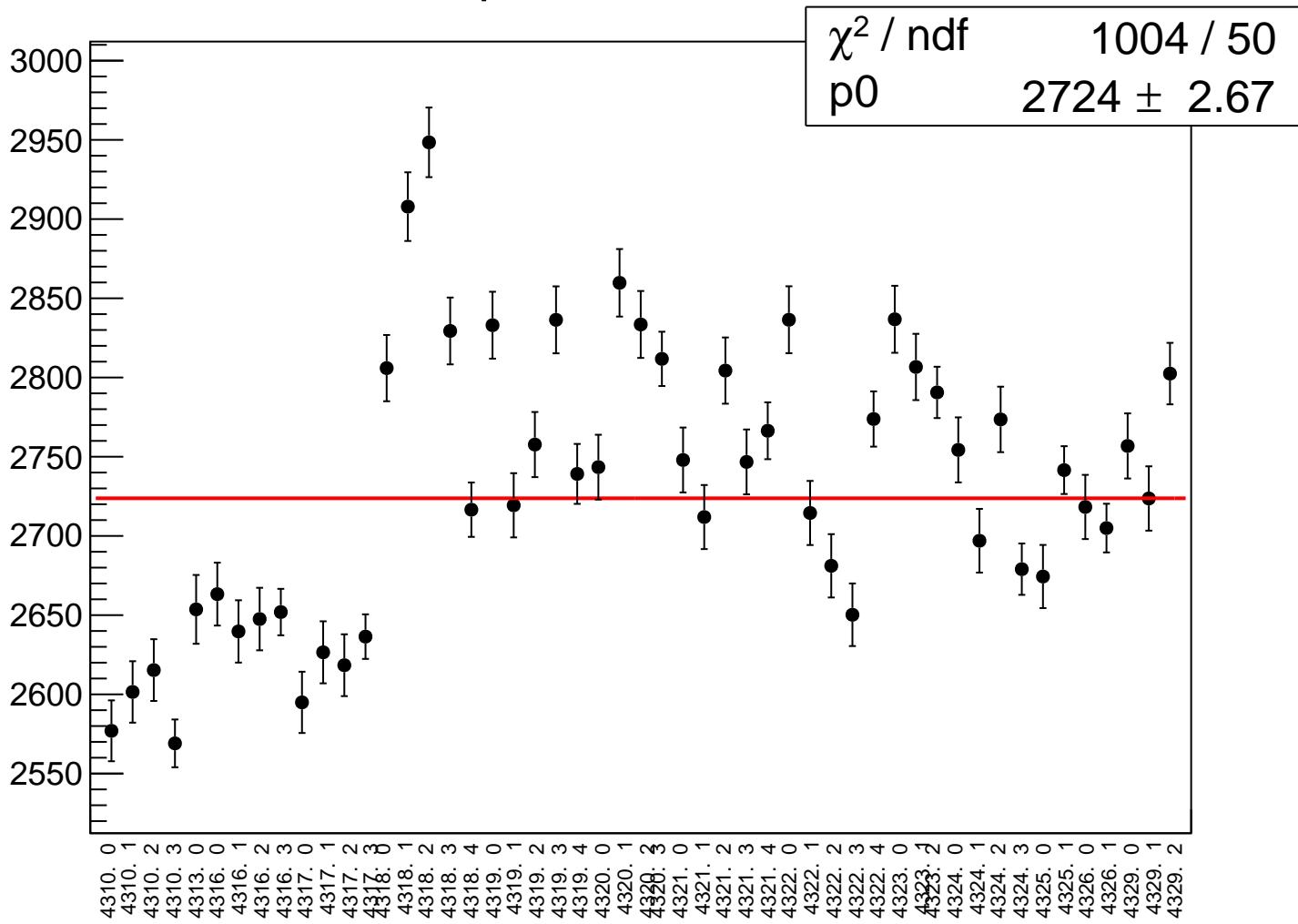
# diff\_bpm0I10X\_rms vs run



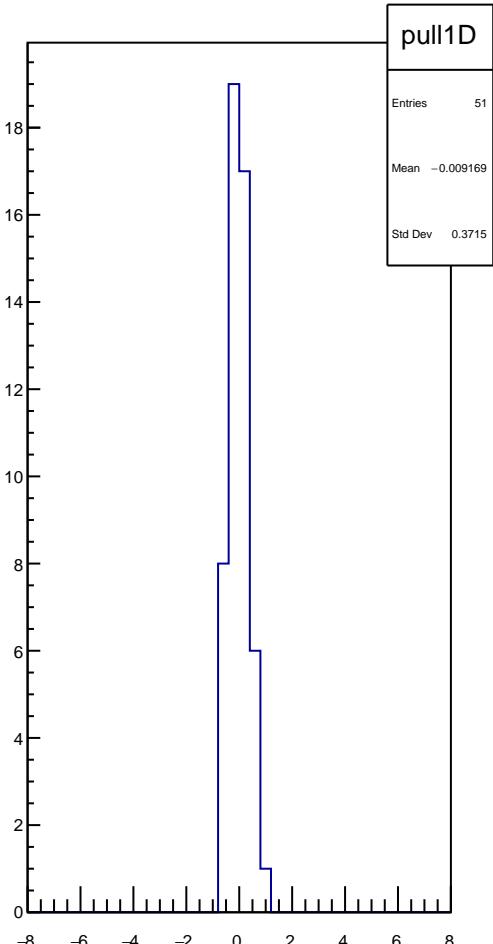
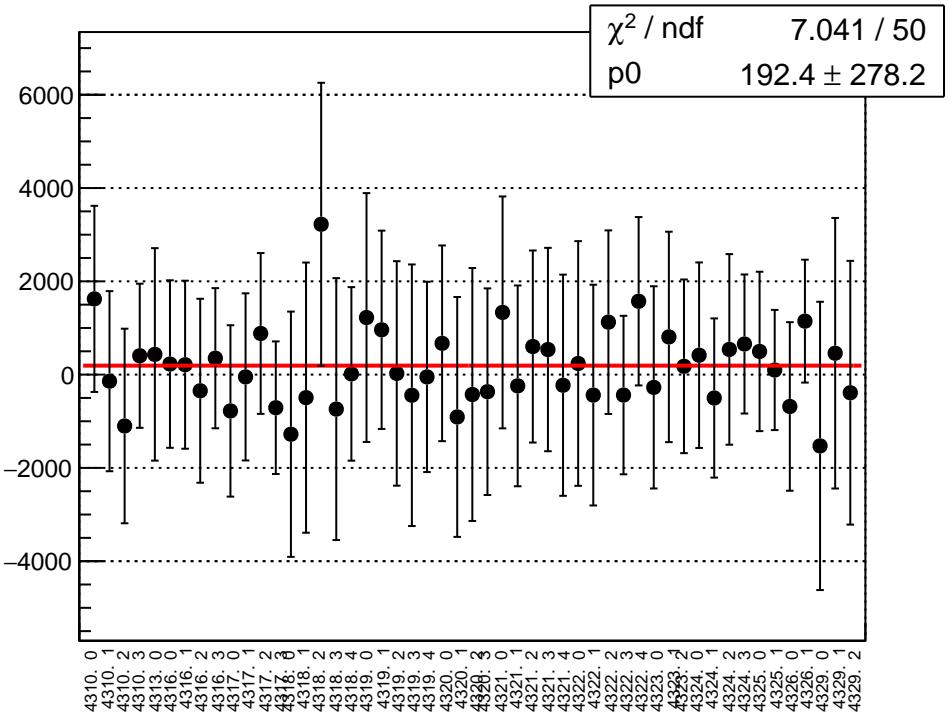
# diff\_bpm0I10Y\_mean vs run



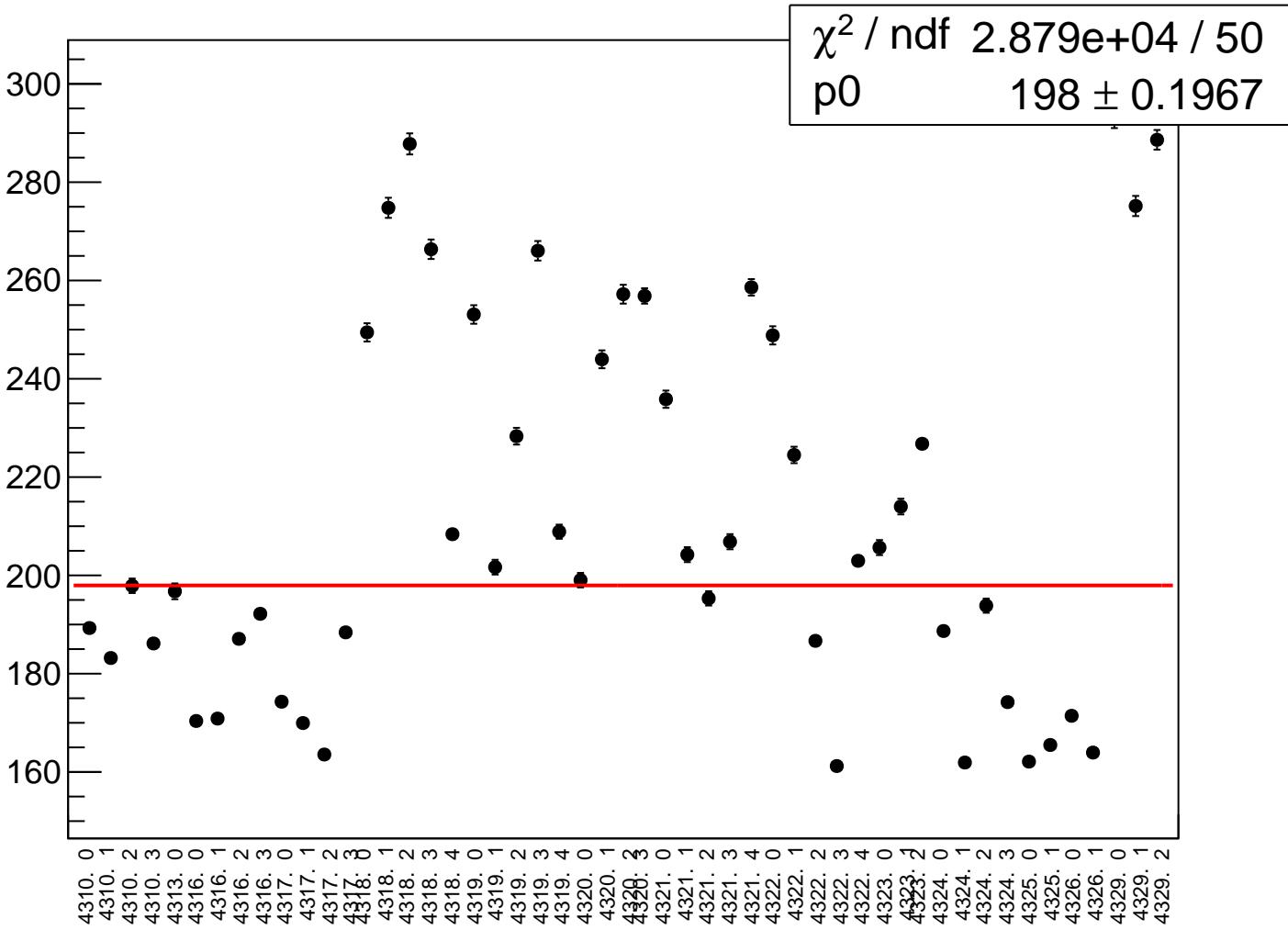
# diff\_bpm0I10Y\_rms vs run



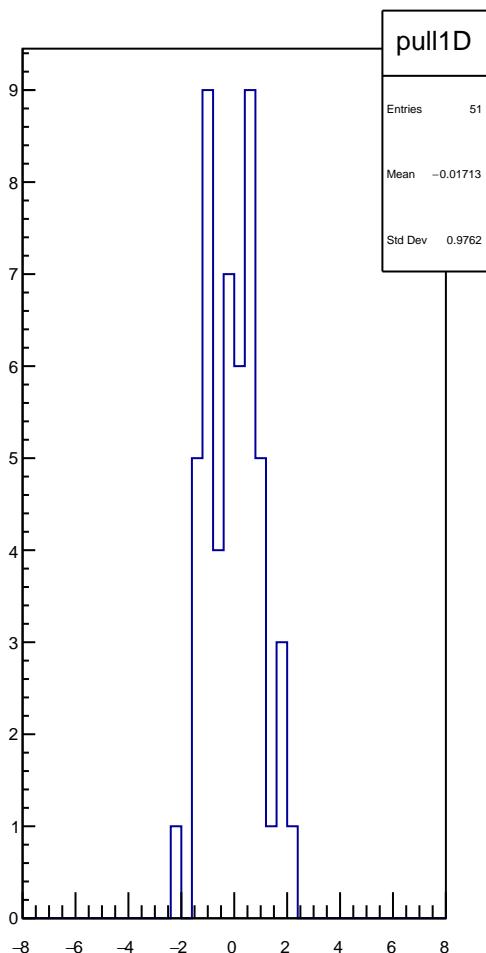
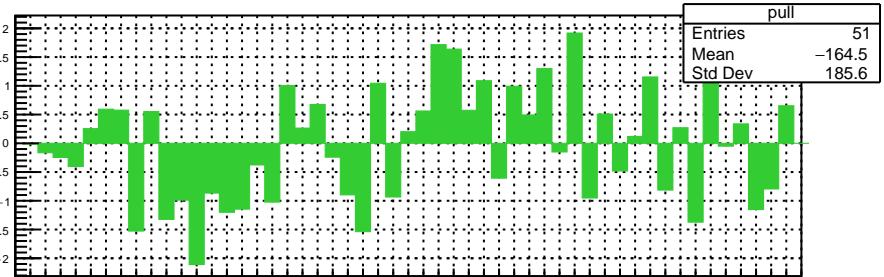
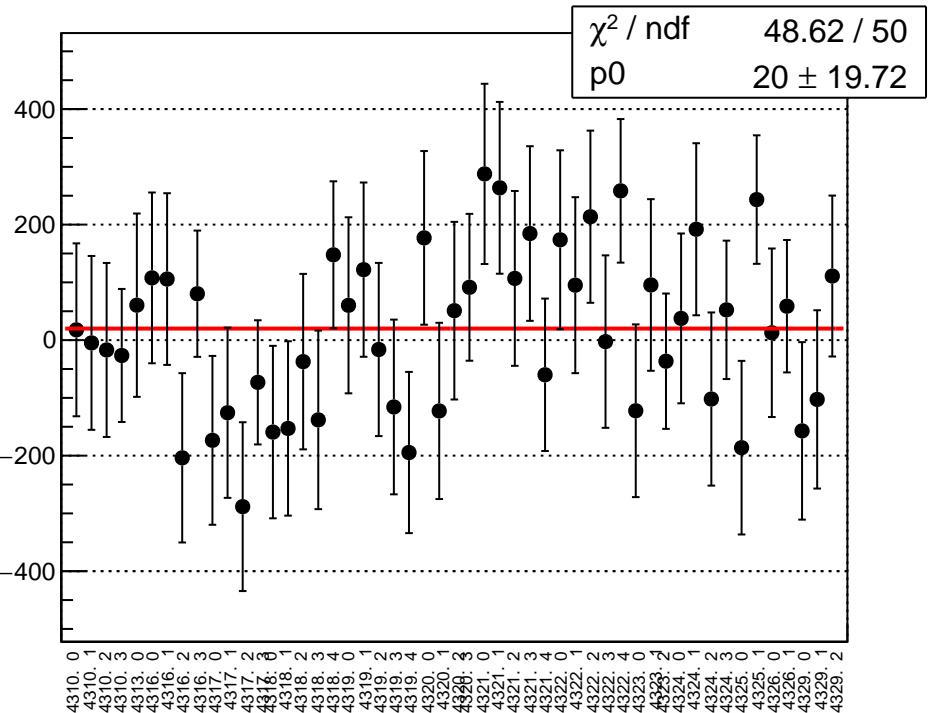
# asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_avg\_mean vs run



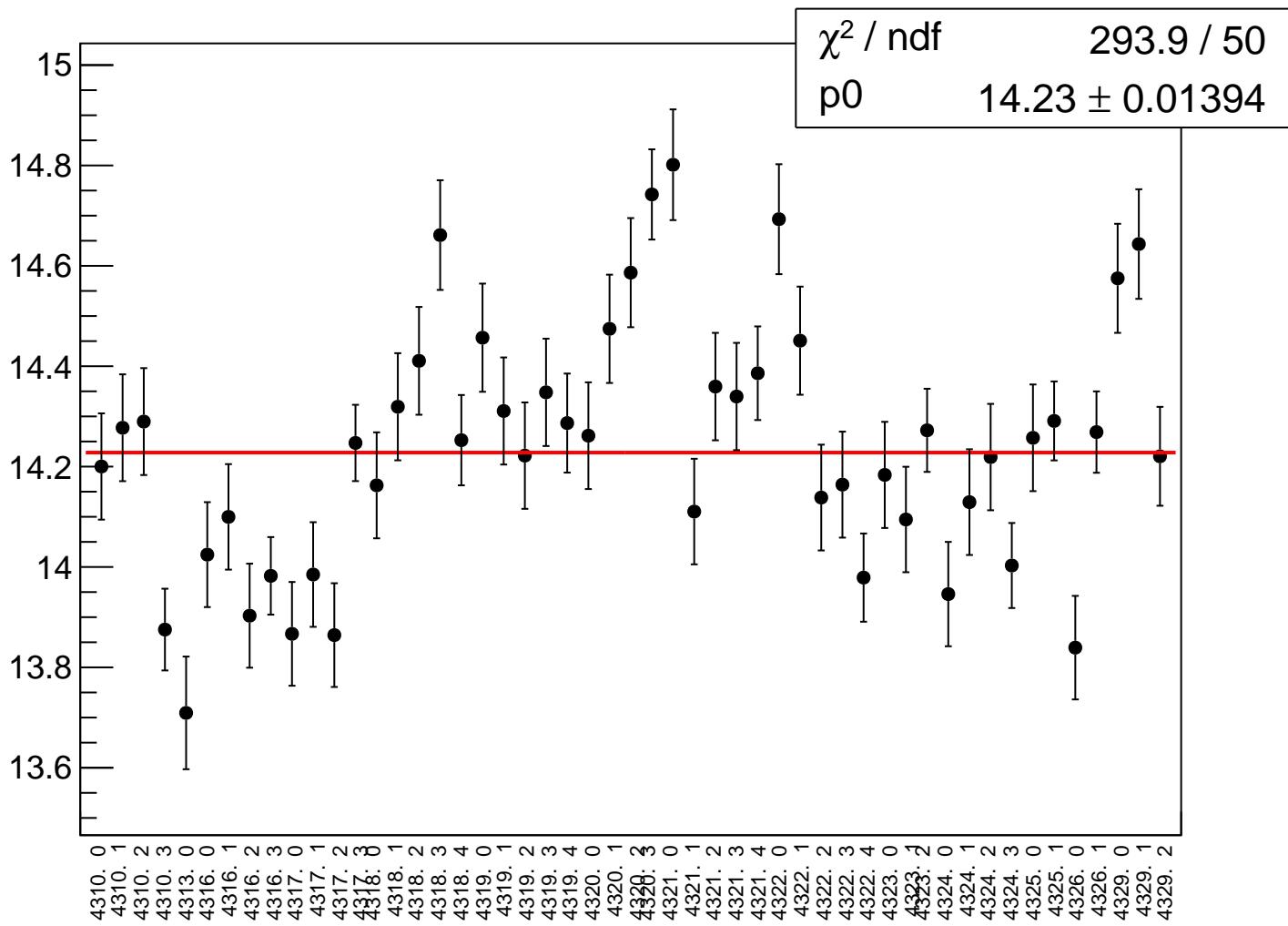
# asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_avg\_rms vs run



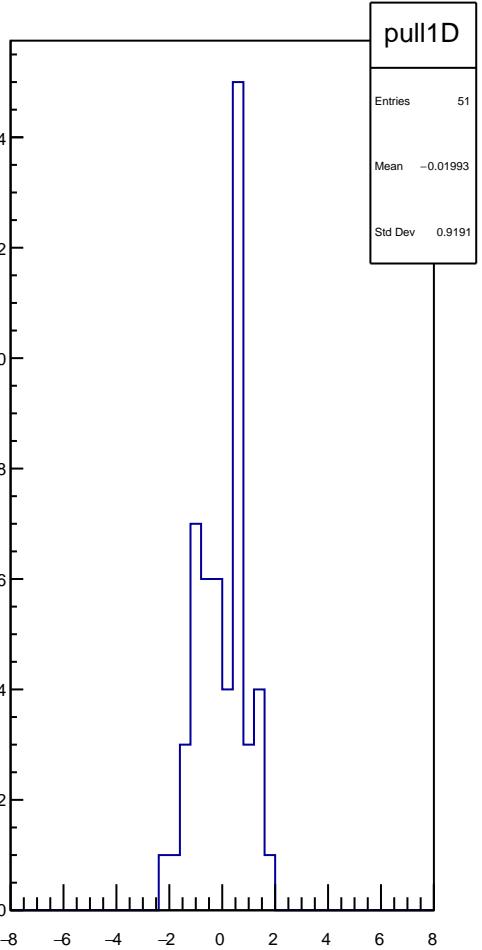
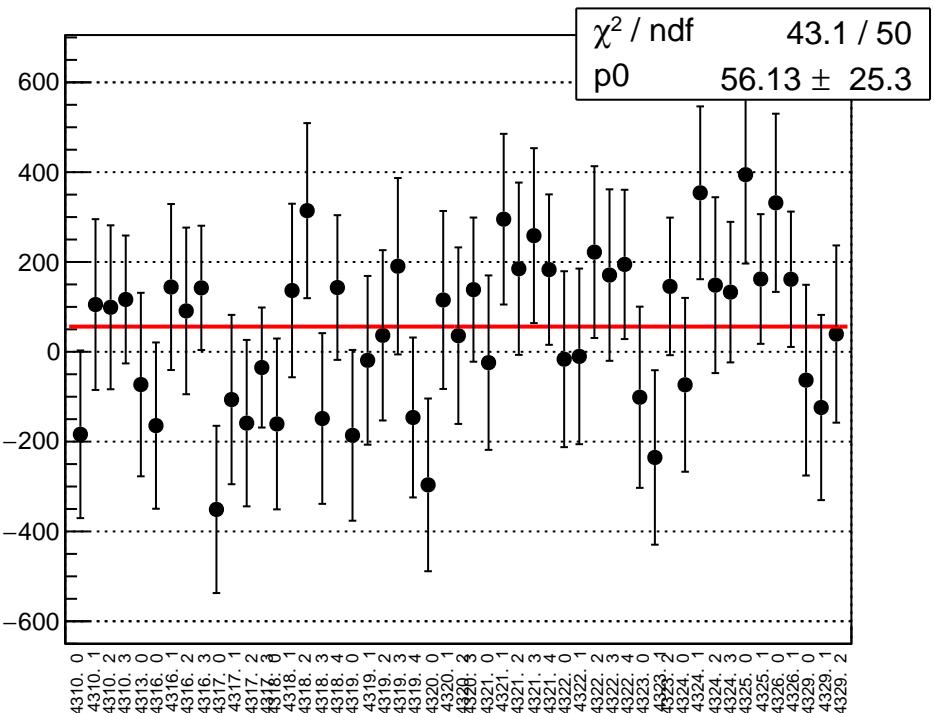
asym\_bcm\_an\_avg\_bcm\_dg\_ds\_agg\_dd\_mean vs run



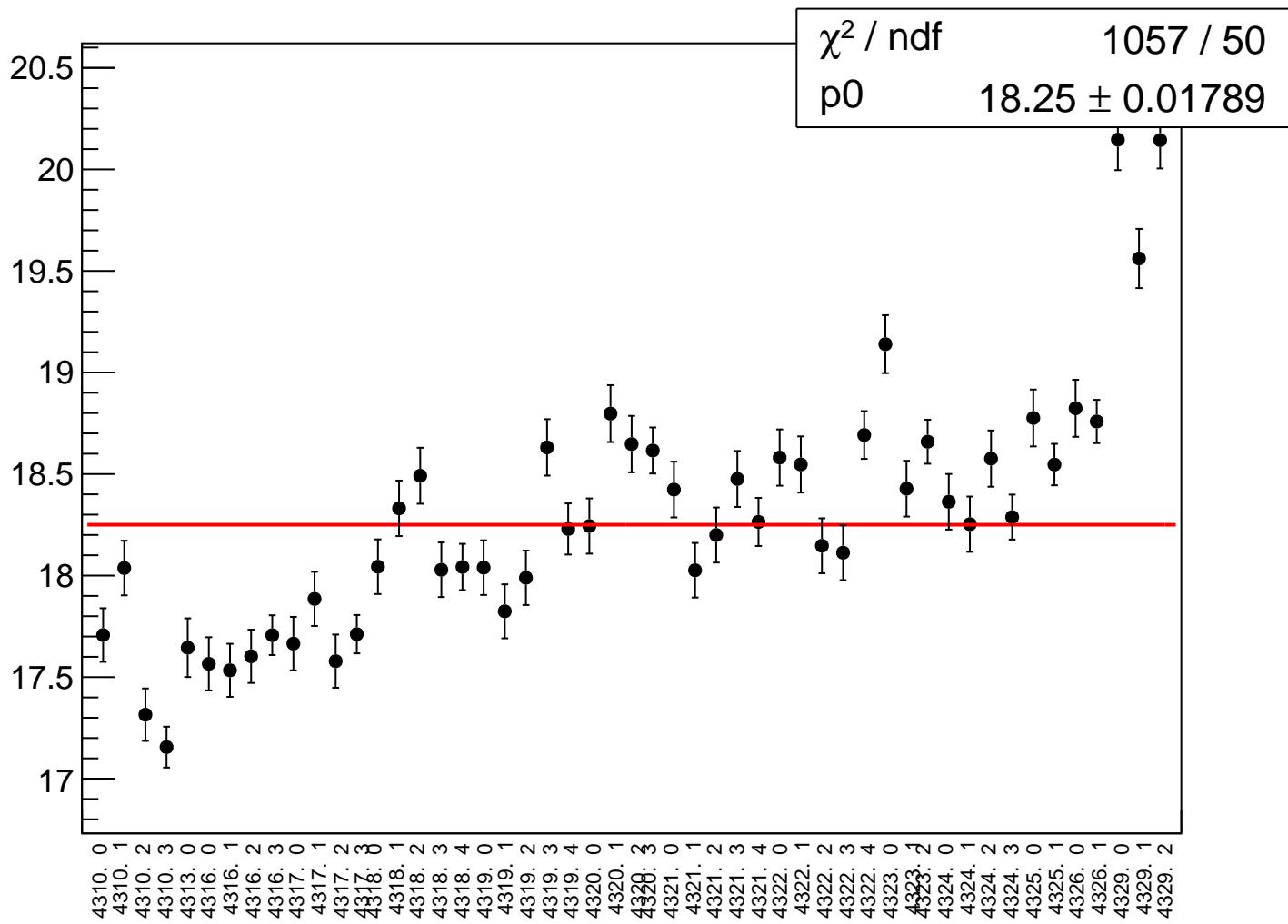
# asym\_bcm\_an\_avg\_bcm\_dg\_ds\_agg\_dd\_rms vs run

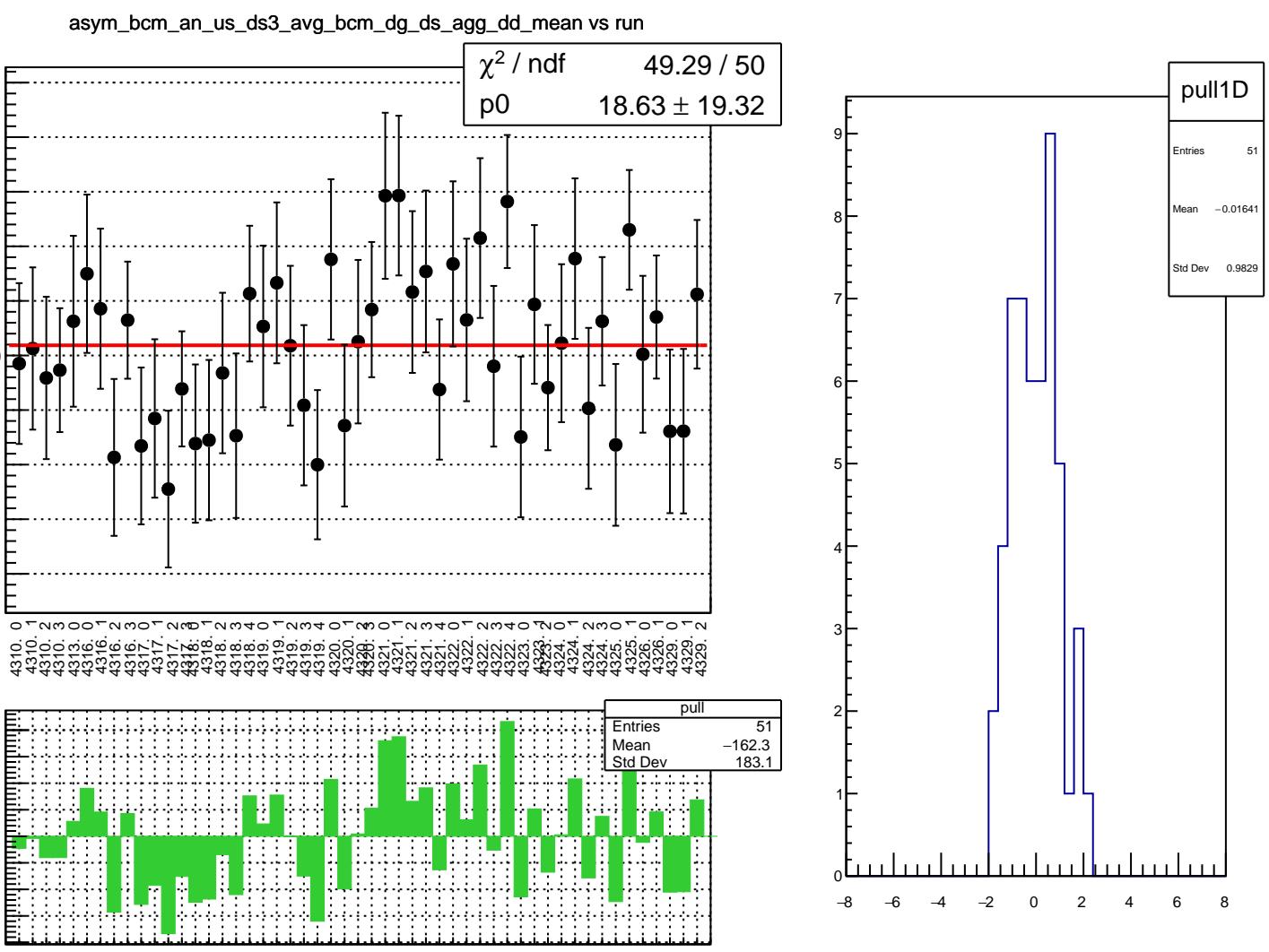


asym\_bcm\_an\_avg\_bcm\_dg\_us\_agg\_dd\_mean vs run

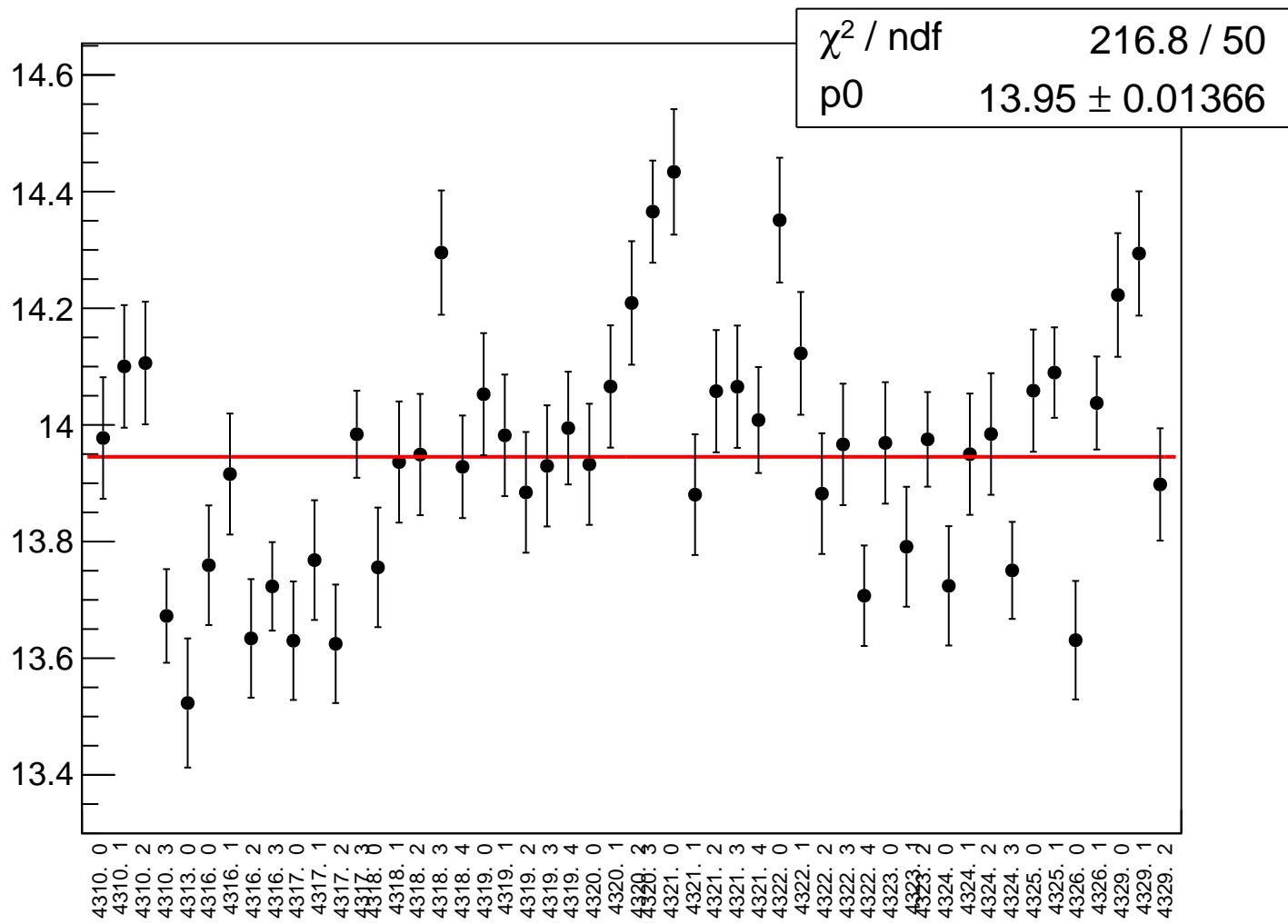


# asym\_bcm\_an\_avg\_bcm\_dg\_us\_agg\_dd\_rms vs run

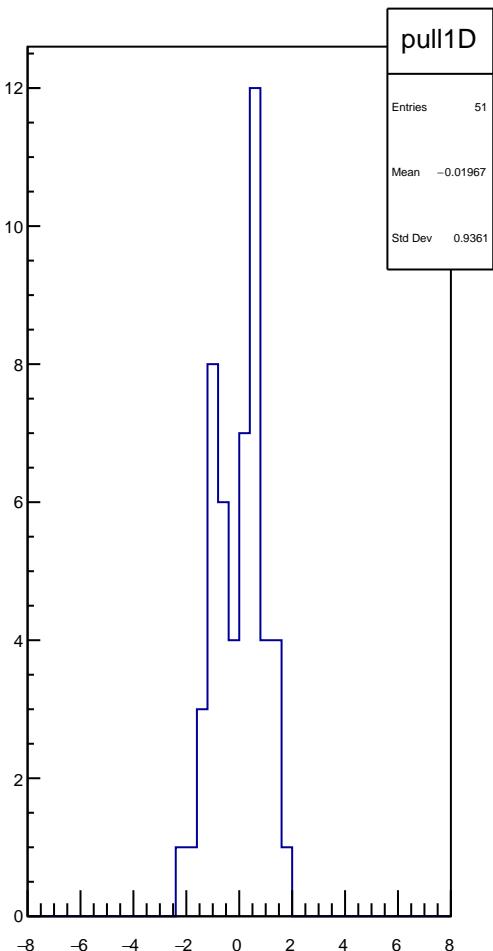
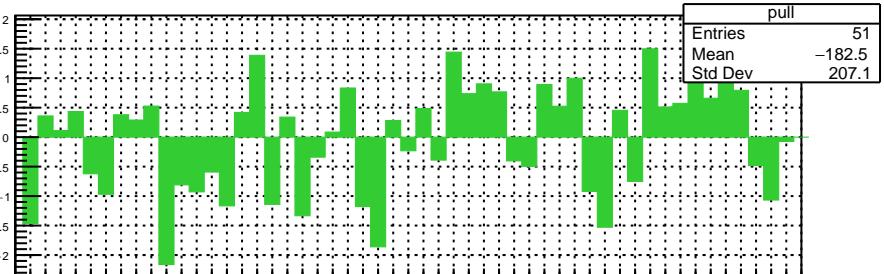
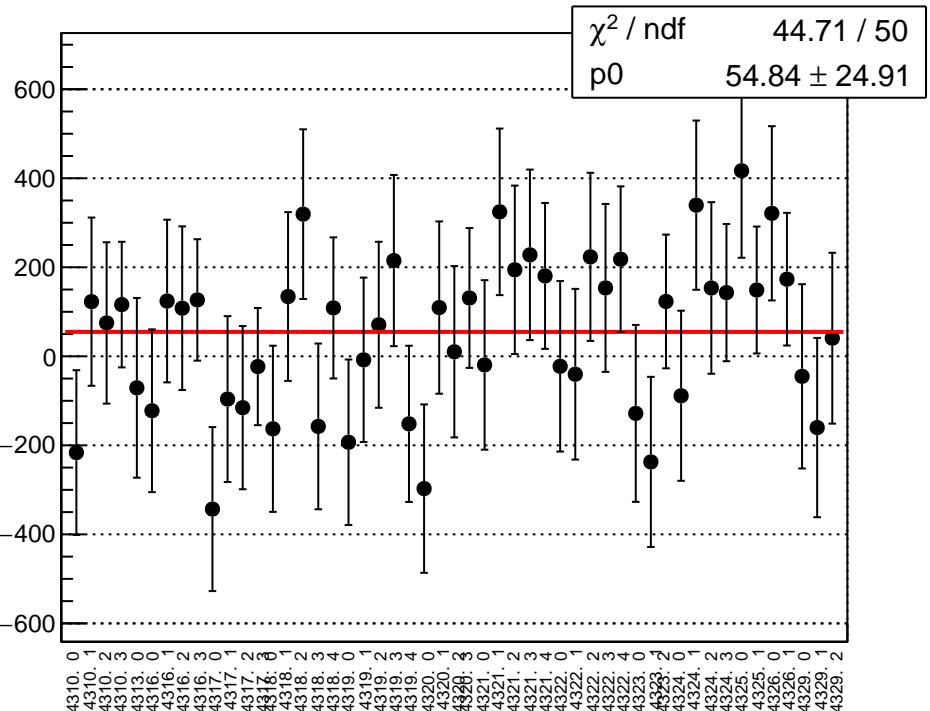




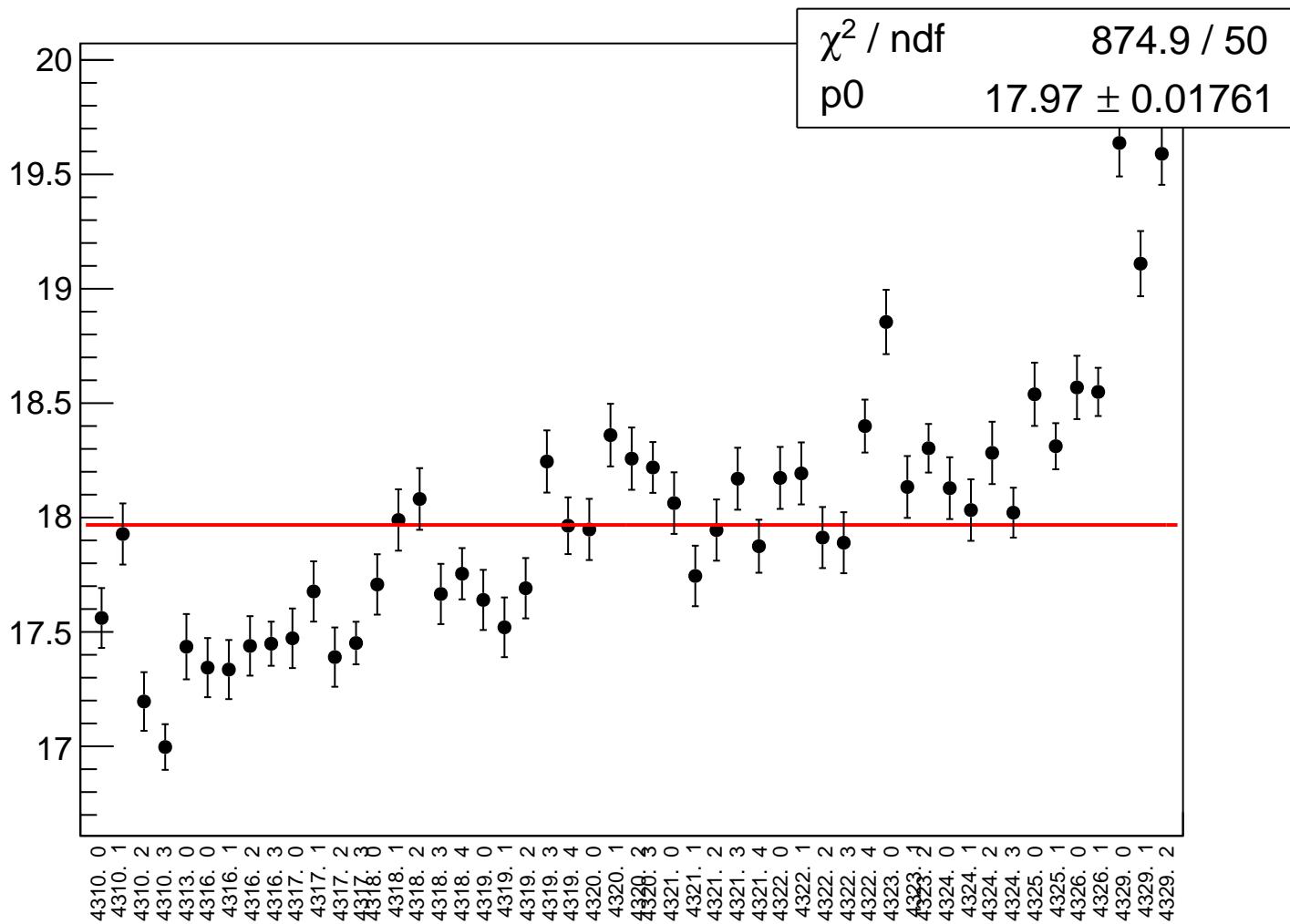
# asym\_bcm\_an\_us\_ds3\_avg\_bcm\_dg\_ds\_agg\_dd\_rms vs run



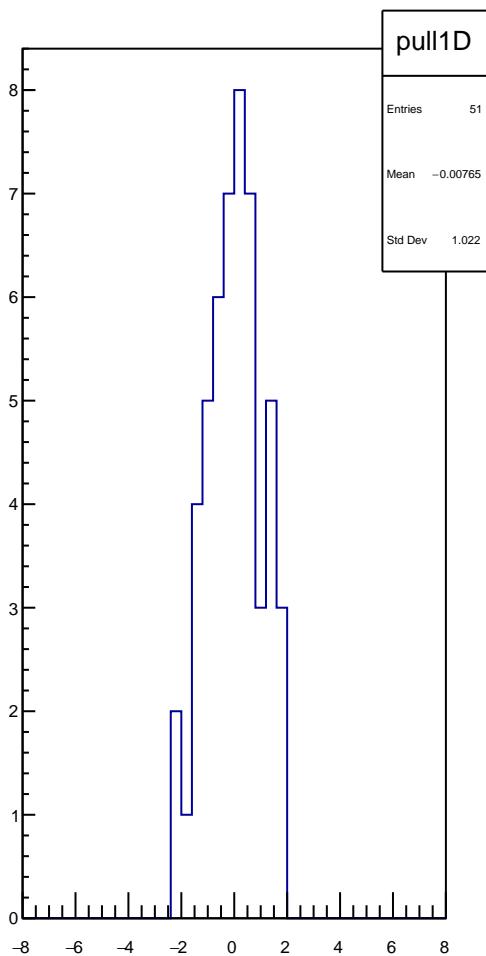
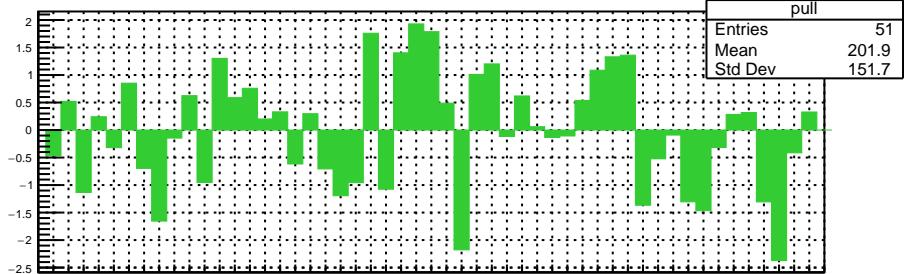
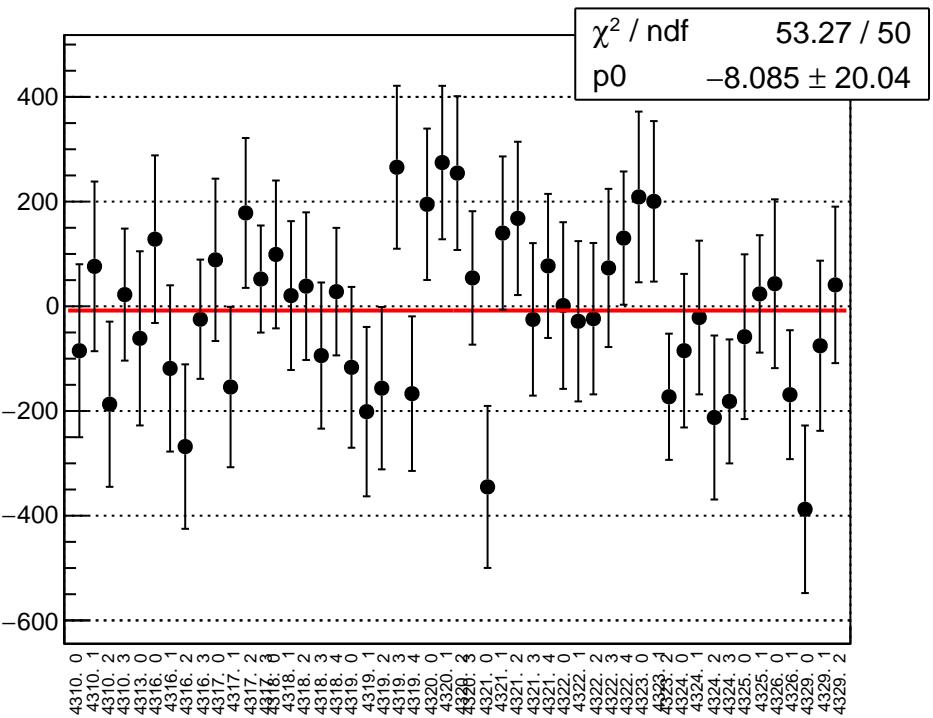
asym\_bcm\_an\_us\_ds3\_avg\_bcm\_dg\_us\_agg\_dd\_mean vs run



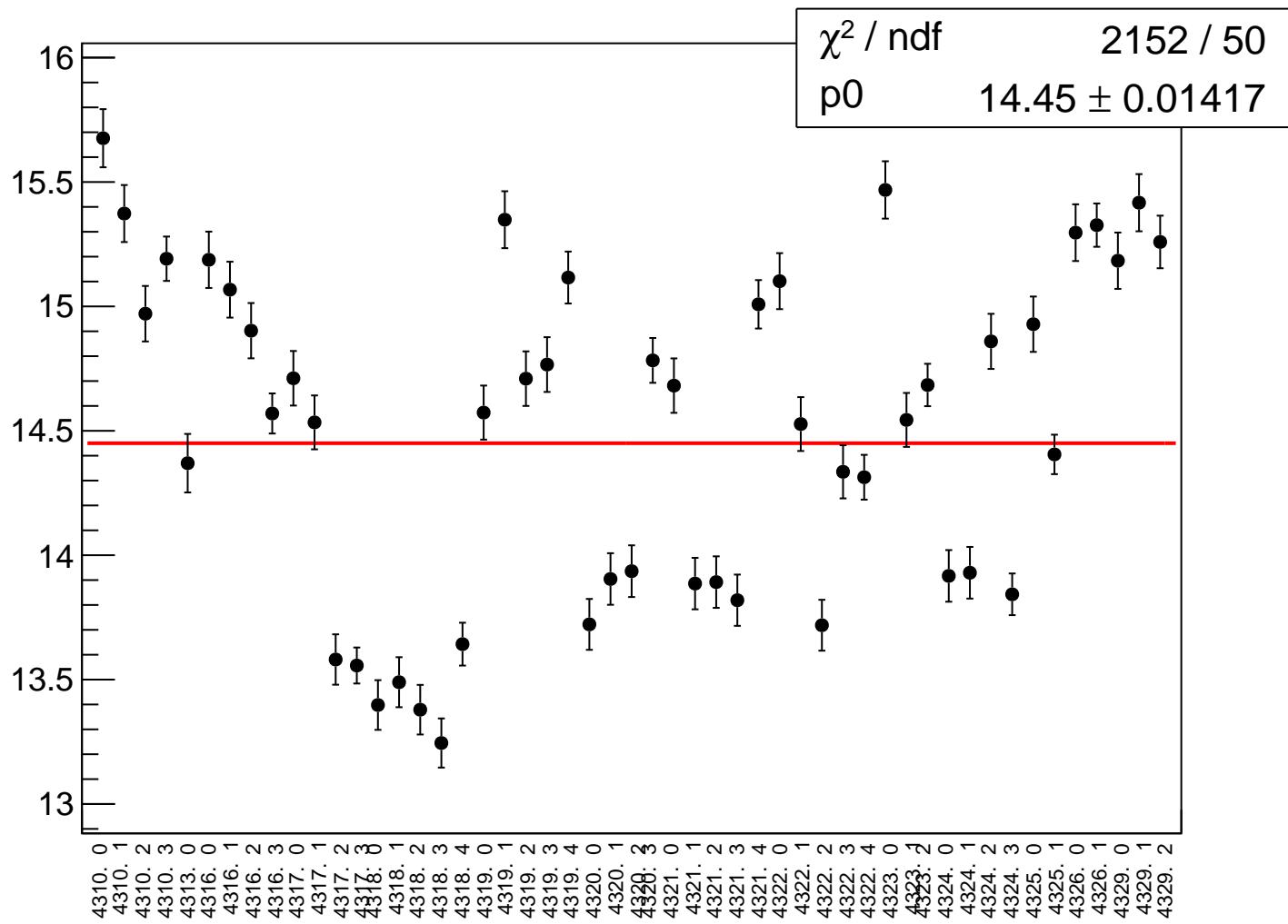
# asym\_bcm\_an\_us\_ds3\_avg\_bcm\_dg\_us\_agg\_dd\_rms vs run



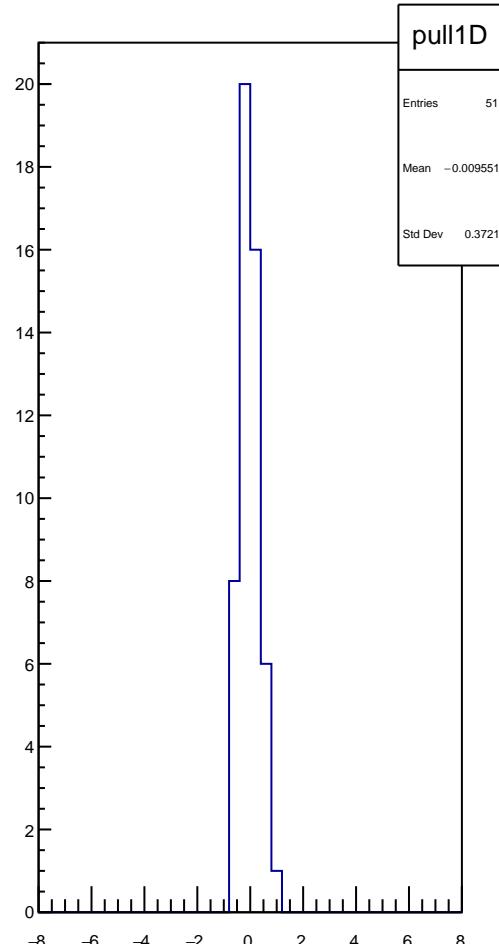
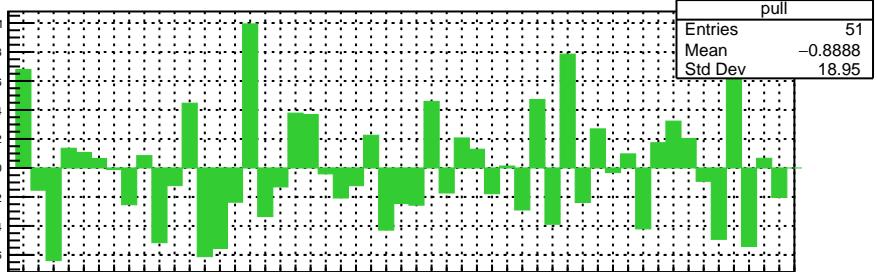
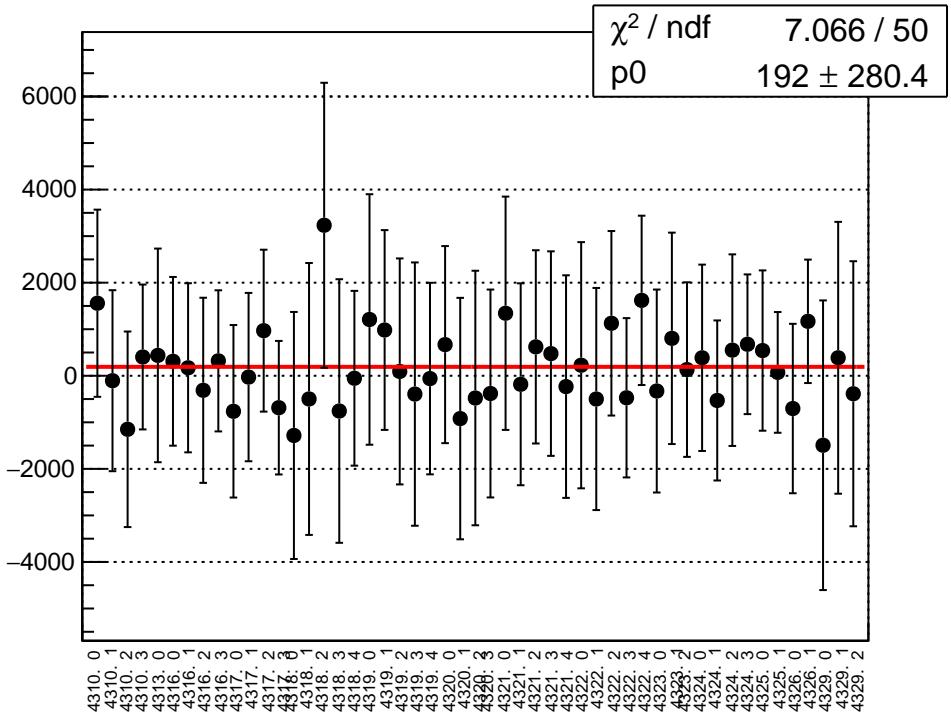
asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_dd\_mean vs run



# asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_dd\_rms vs run

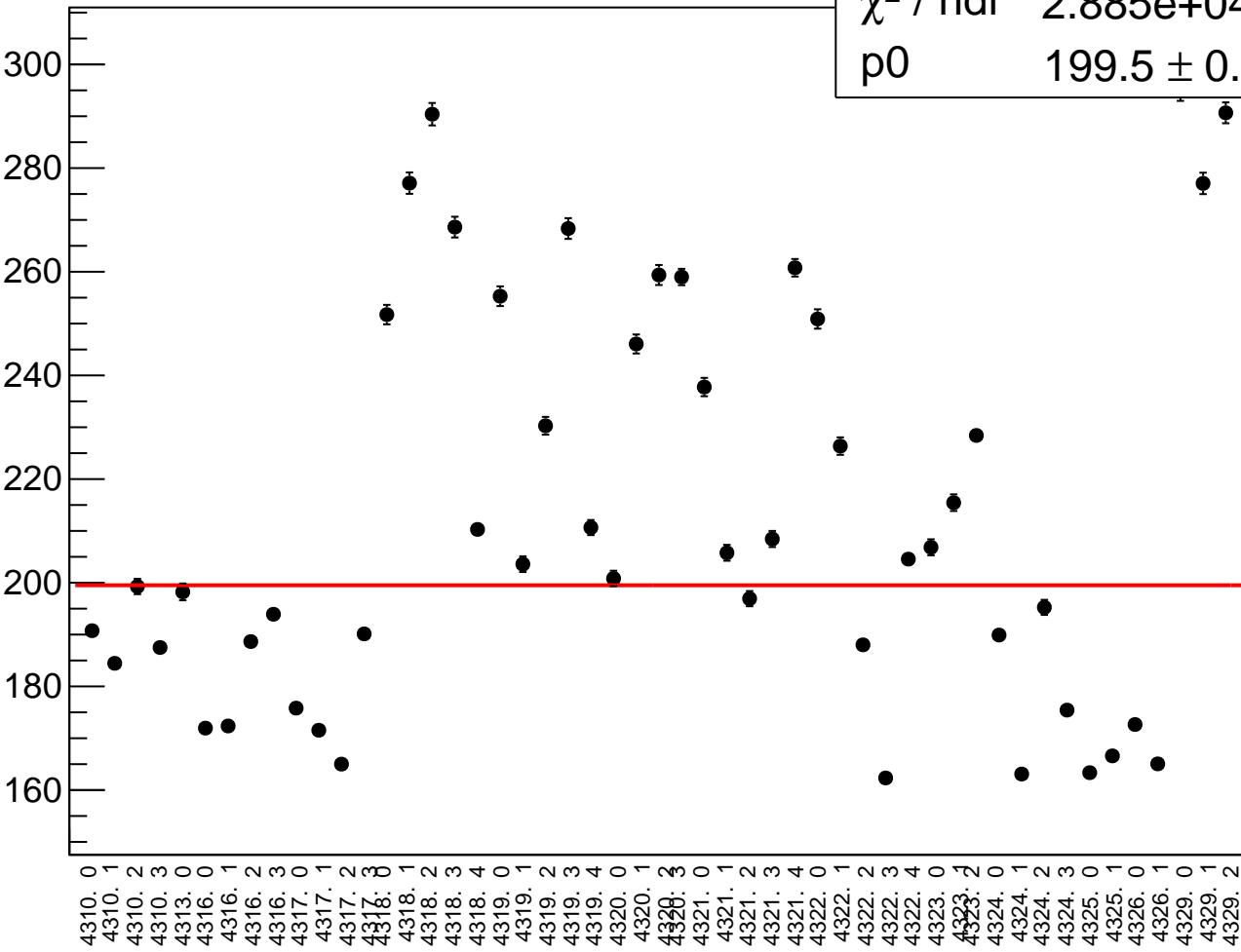


# asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_avg\_mean vs run

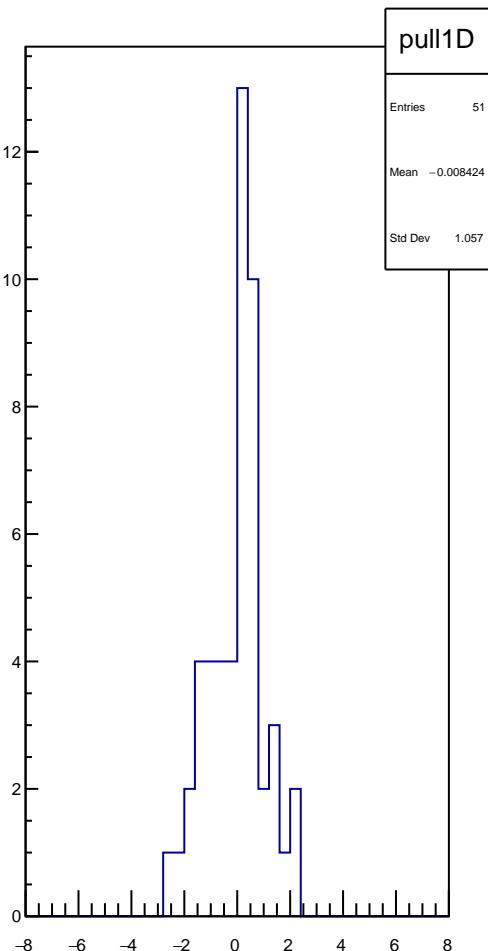
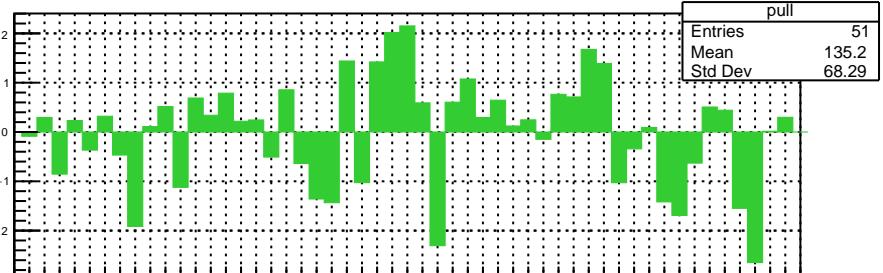
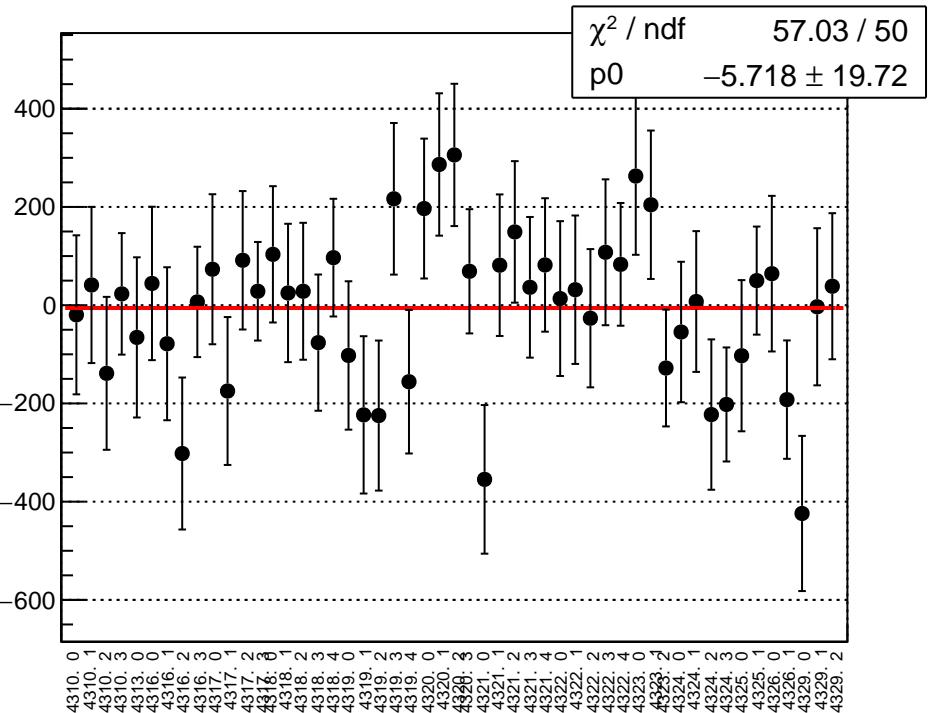


# asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_avg\_rms vs run

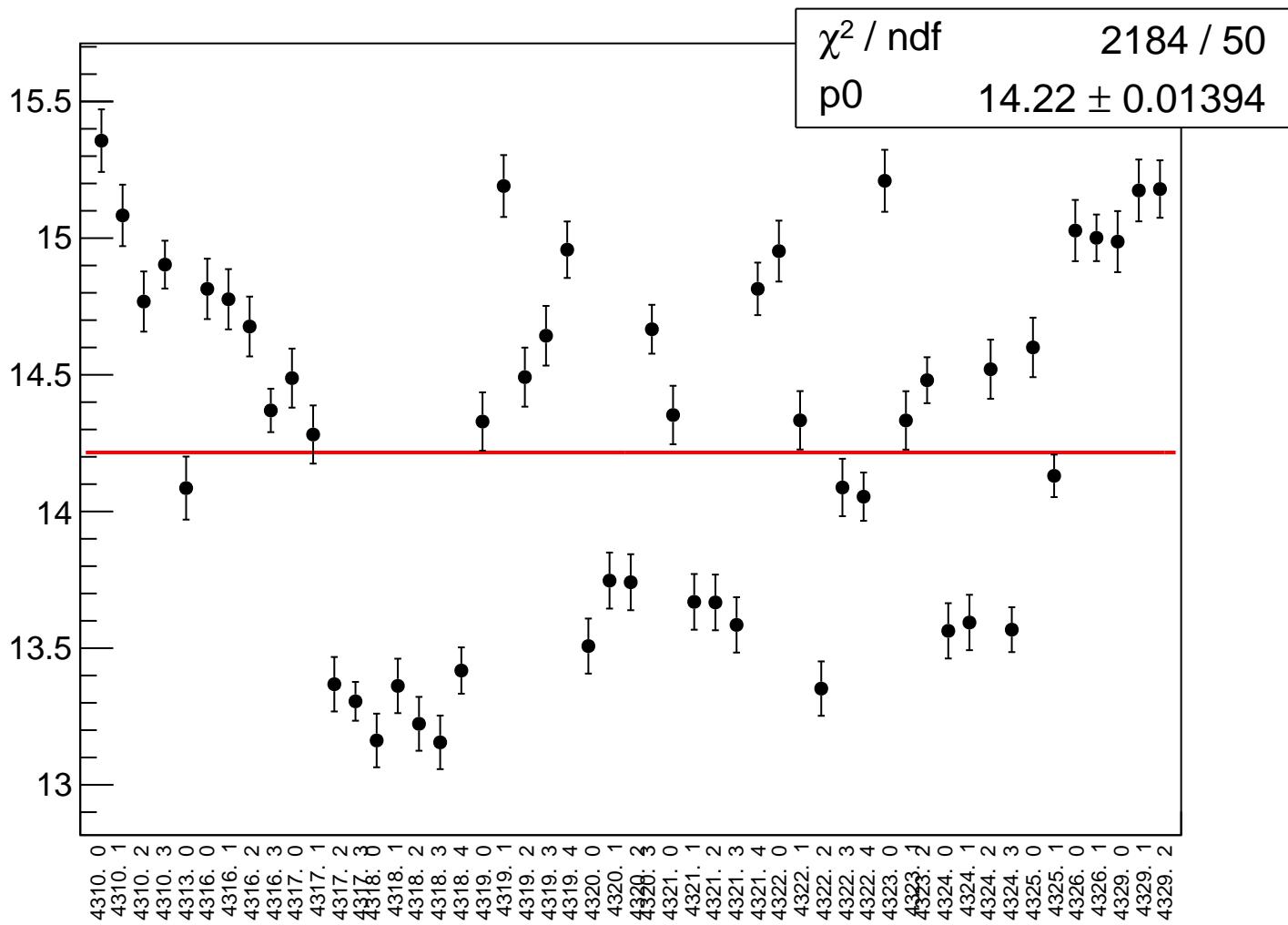
$\chi^2 / \text{ndf}$   $2.885\text{e+04} / 50$   
p0  $199.5 \pm 0.1982$



asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_dd\_mean vs run



# asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_dd\_rms vs run



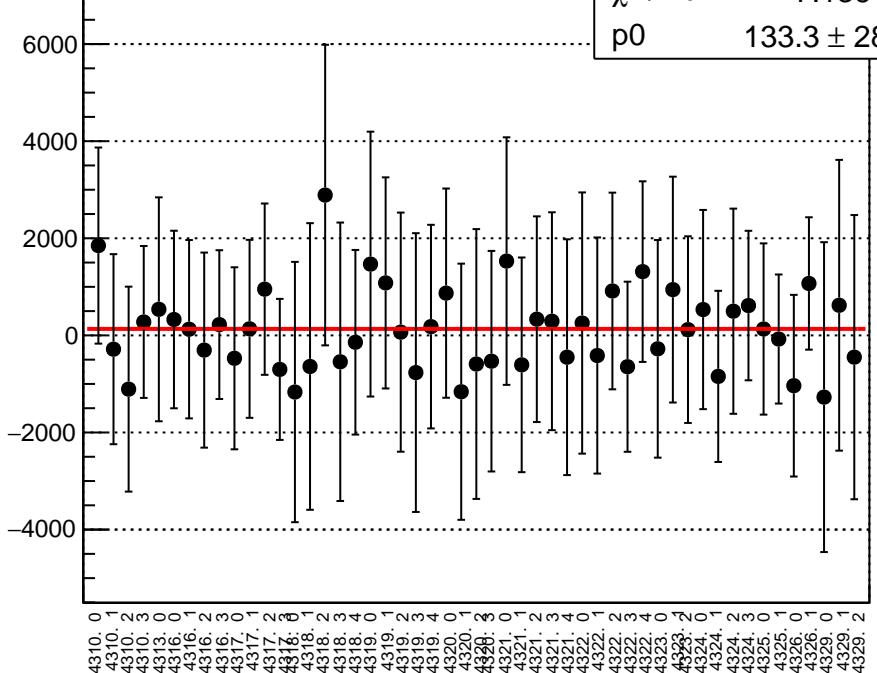
asym\_bcm\_dg\_us\_bcm\_an\_ds\_agg\_avg\_mean vs run

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

7.136 / 50

p0

$133.3 \pm 285.3$

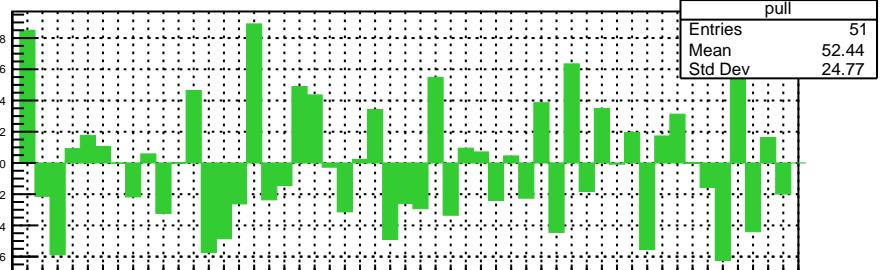
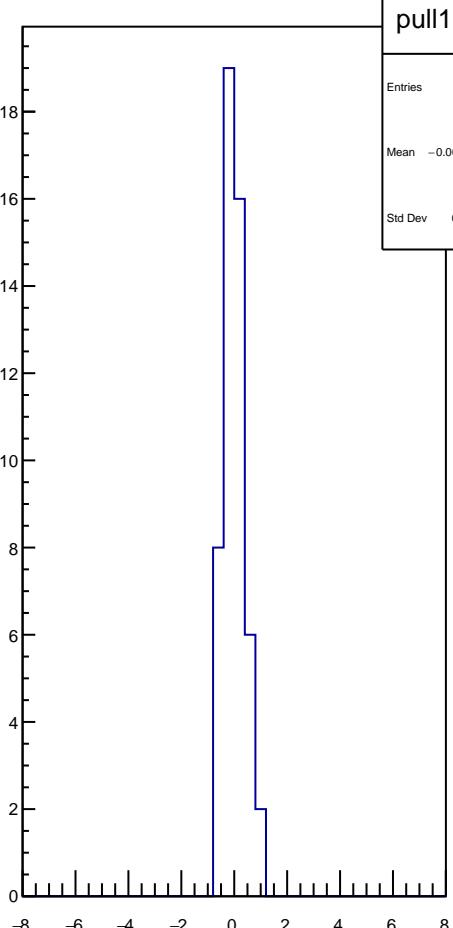


pull1D

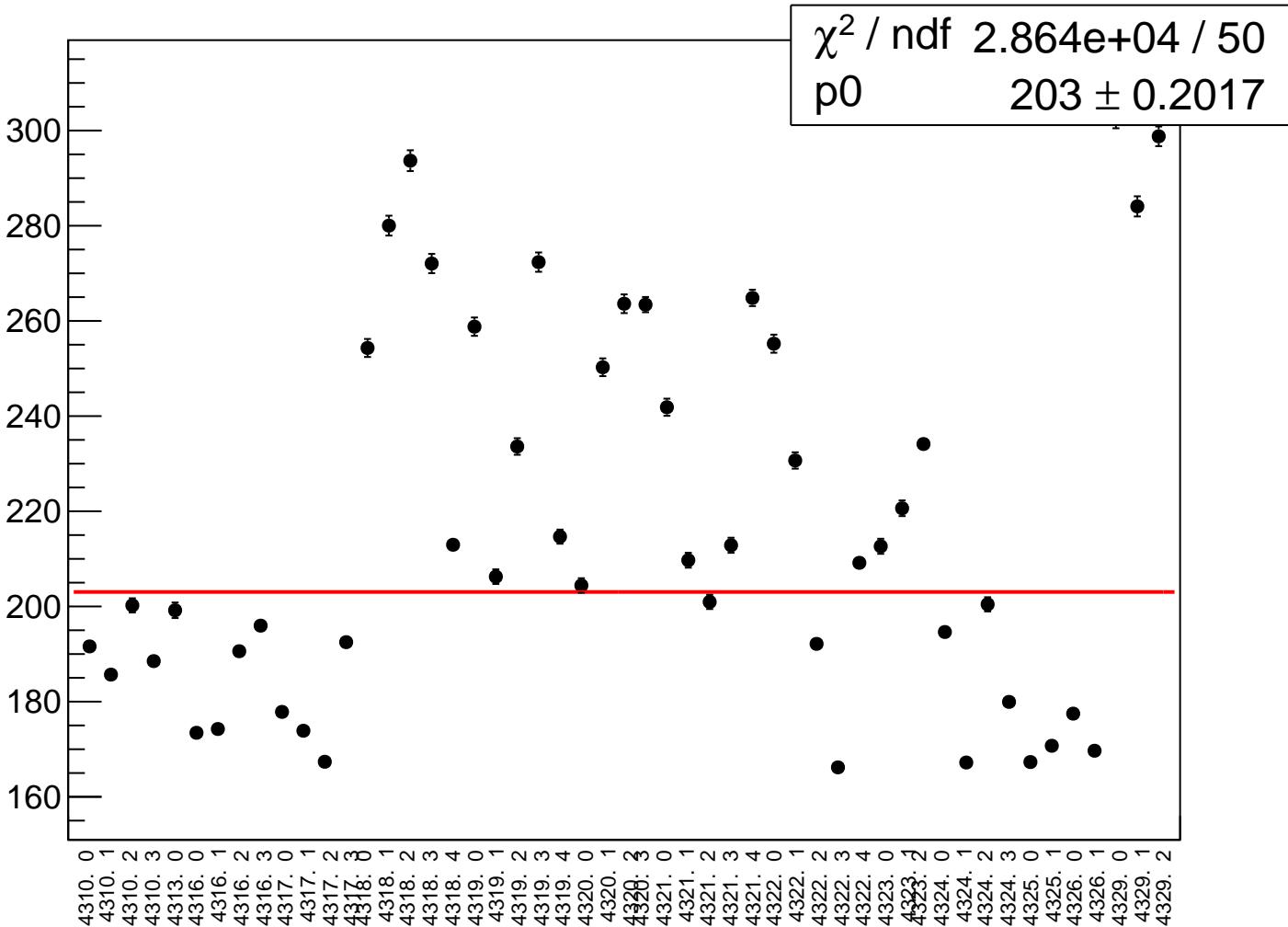
Entries 51

Mean -0.005151

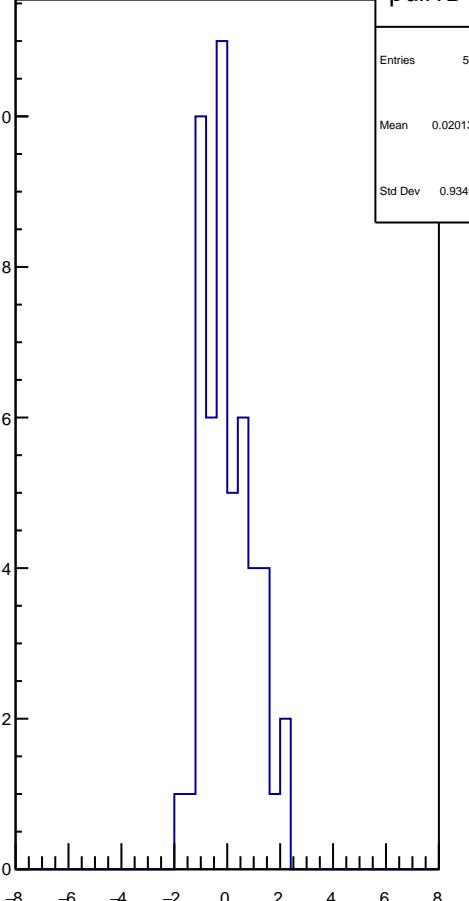
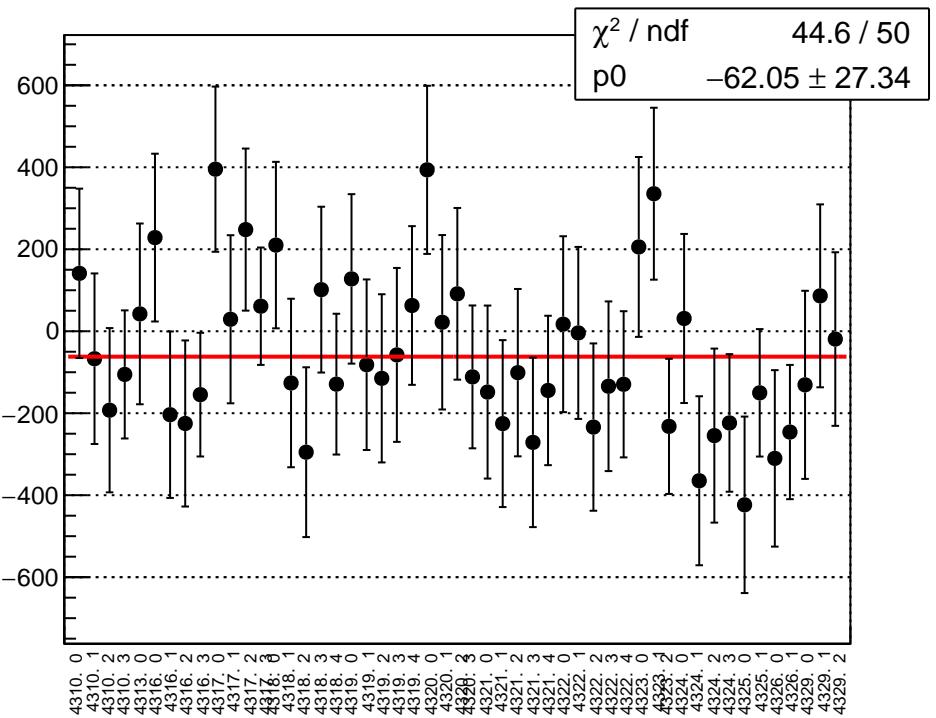
Std Dev 0.374



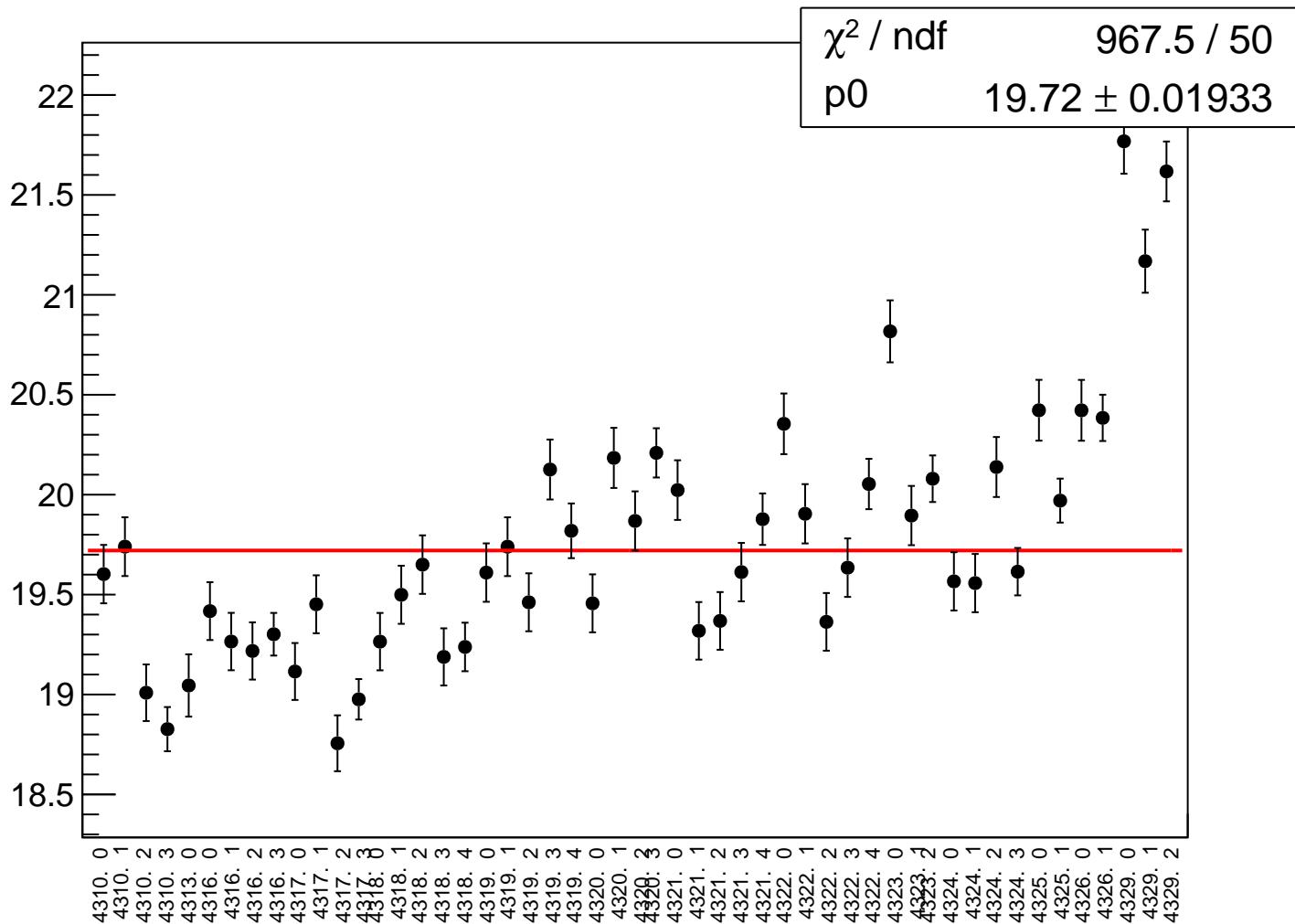
# asym\_bcm\_dg\_us\_bcm\_an\_ds\_agg\_avg\_rms vs run



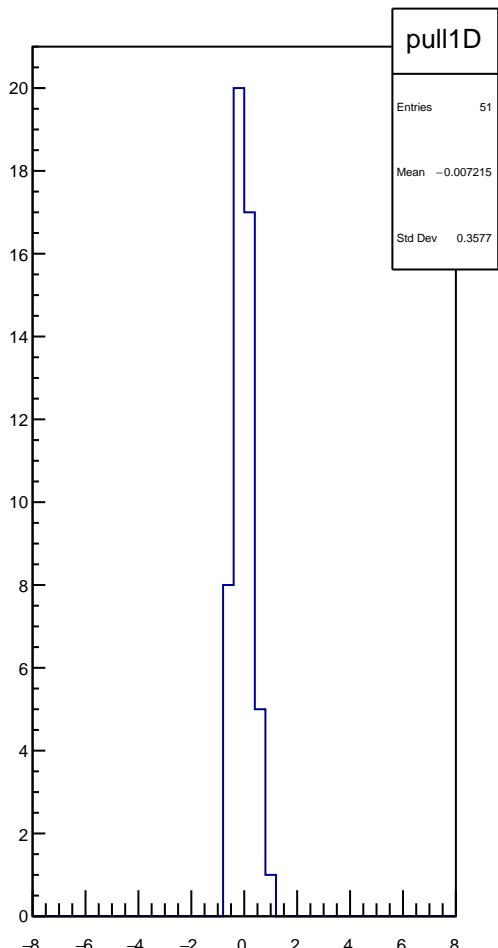
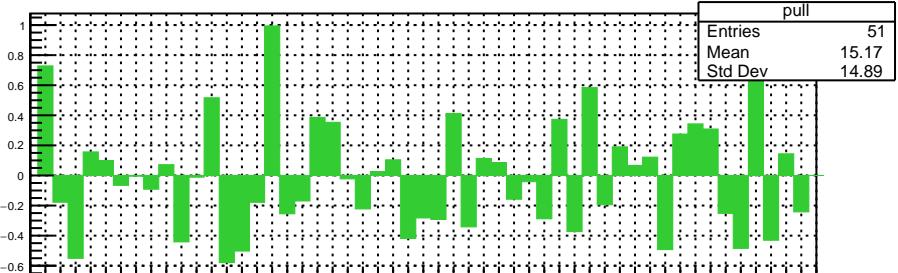
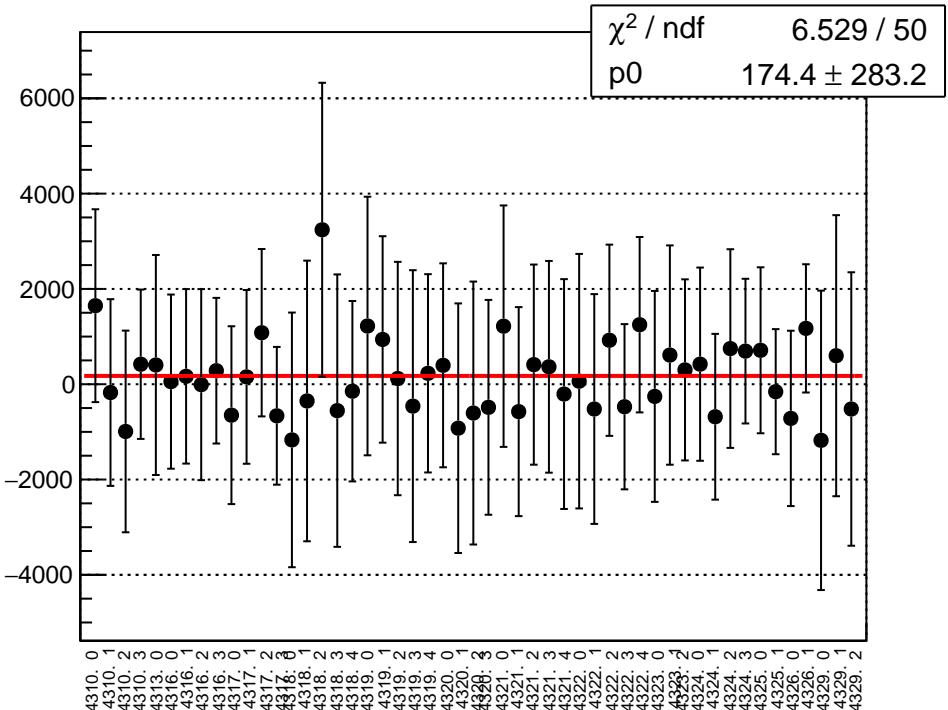
# asym\_bcm\_dg\_us\_bcm\_an\_ds\_agg\_dd\_mean vs run



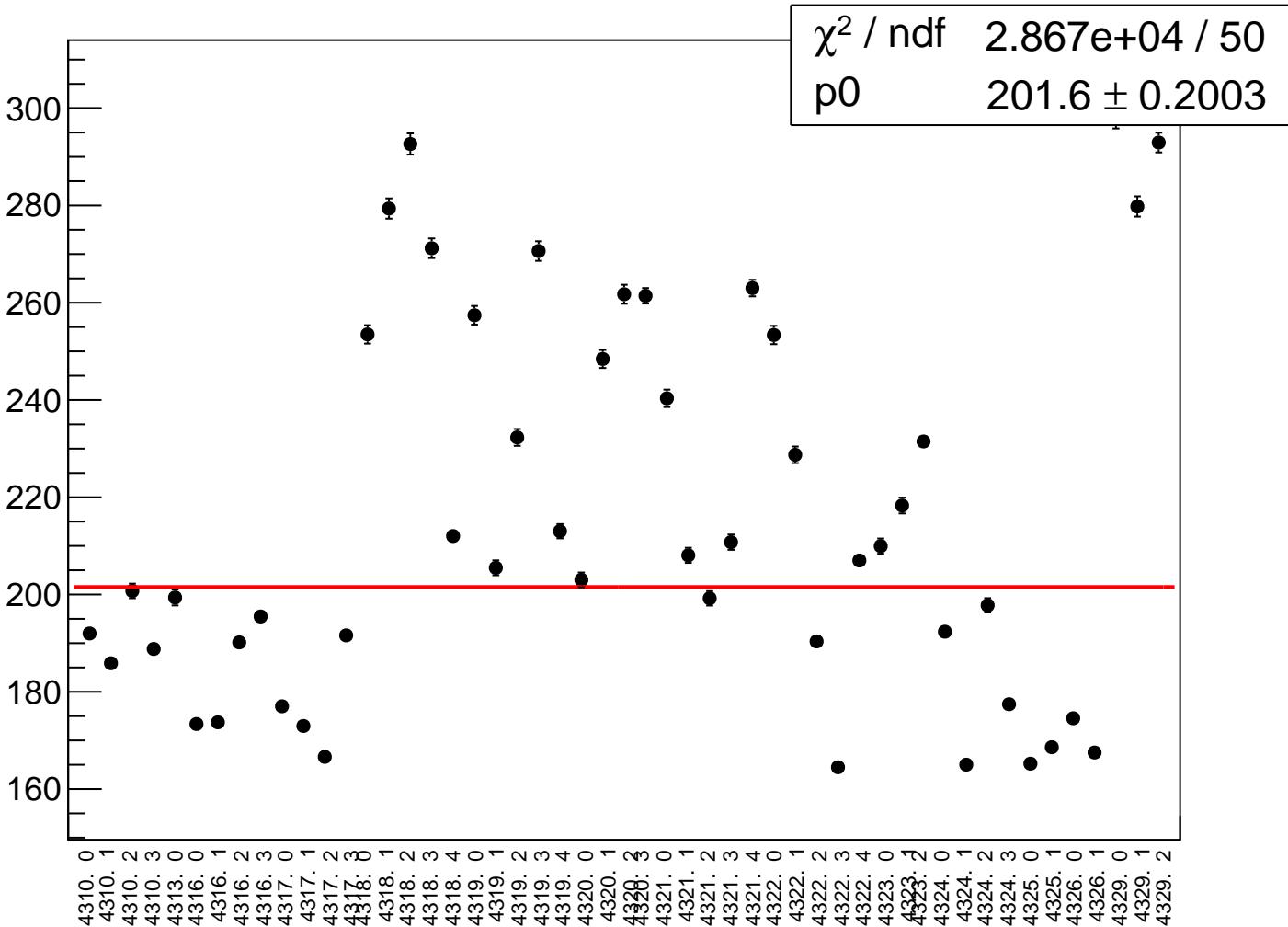
# asym\_bcm\_dg\_us\_bcm\_an\_ds\_agg\_dd\_rms vs run



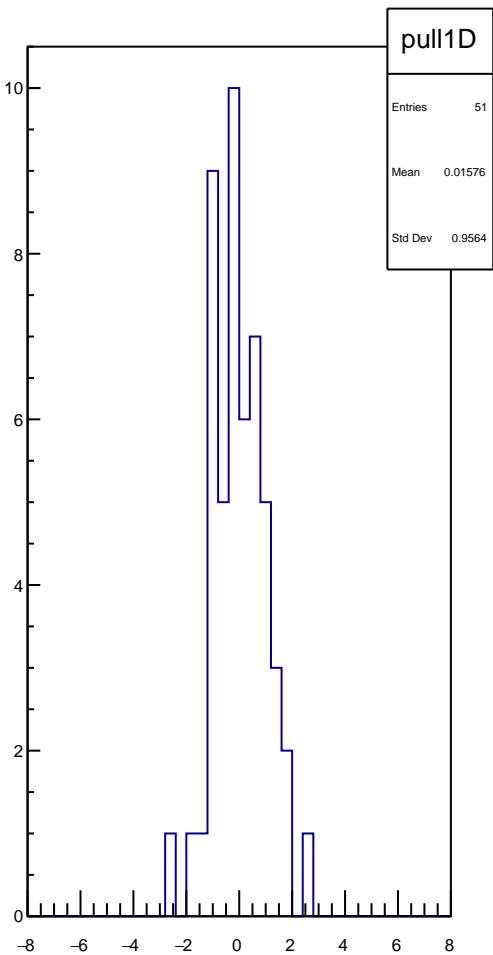
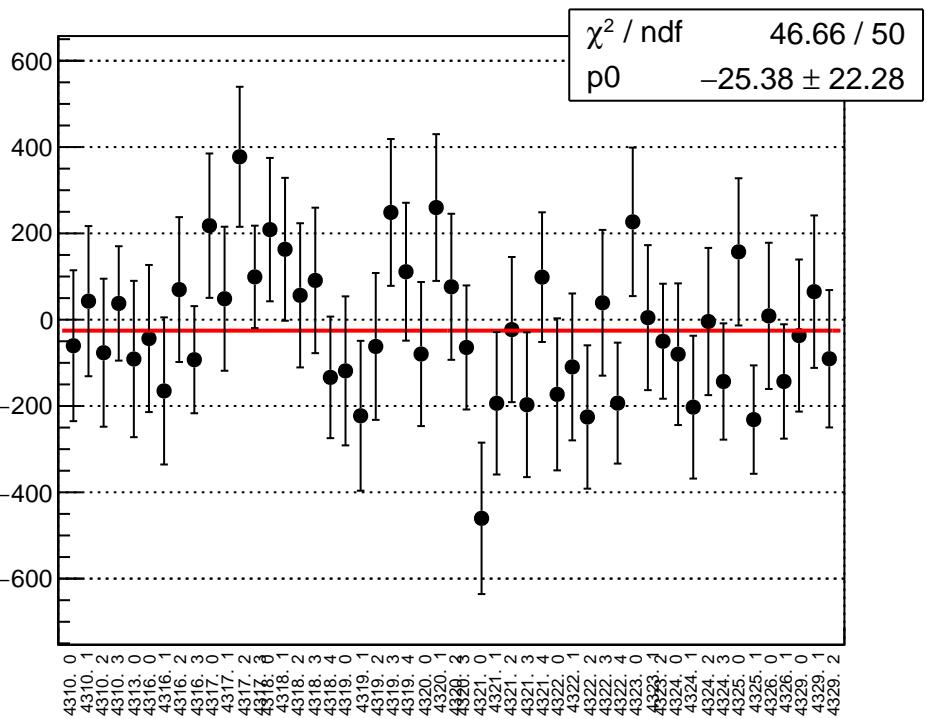
# asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_avg\_mean vs run



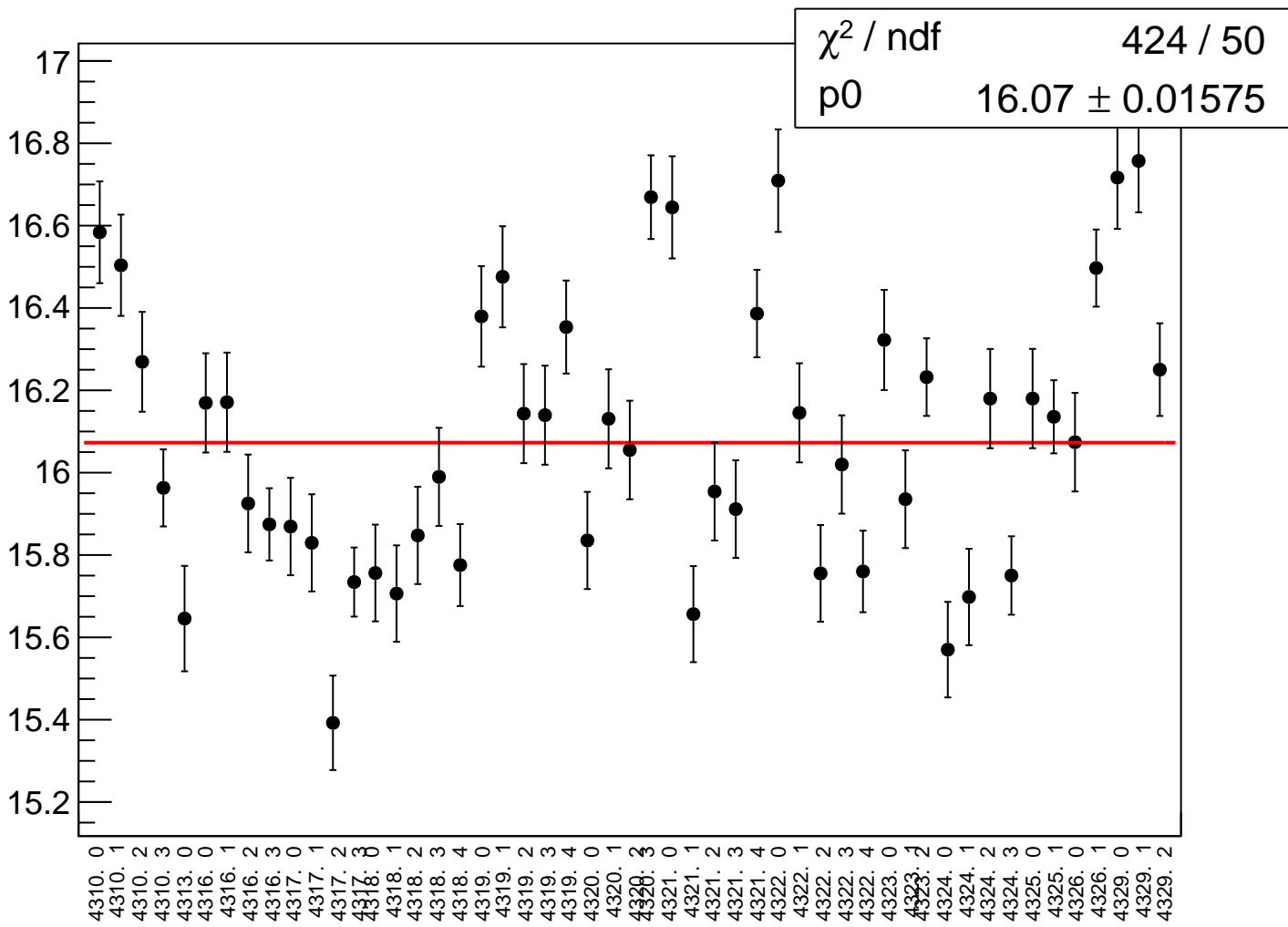
# asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_avg\_rms vs run



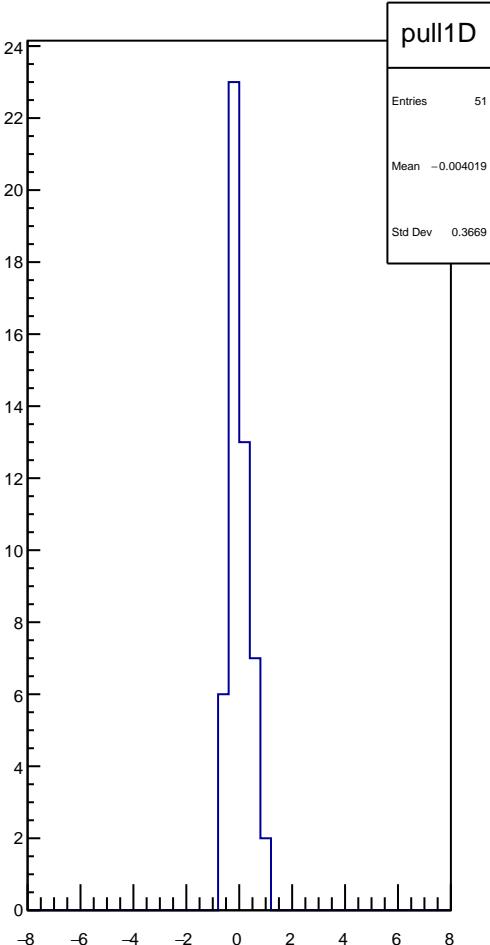
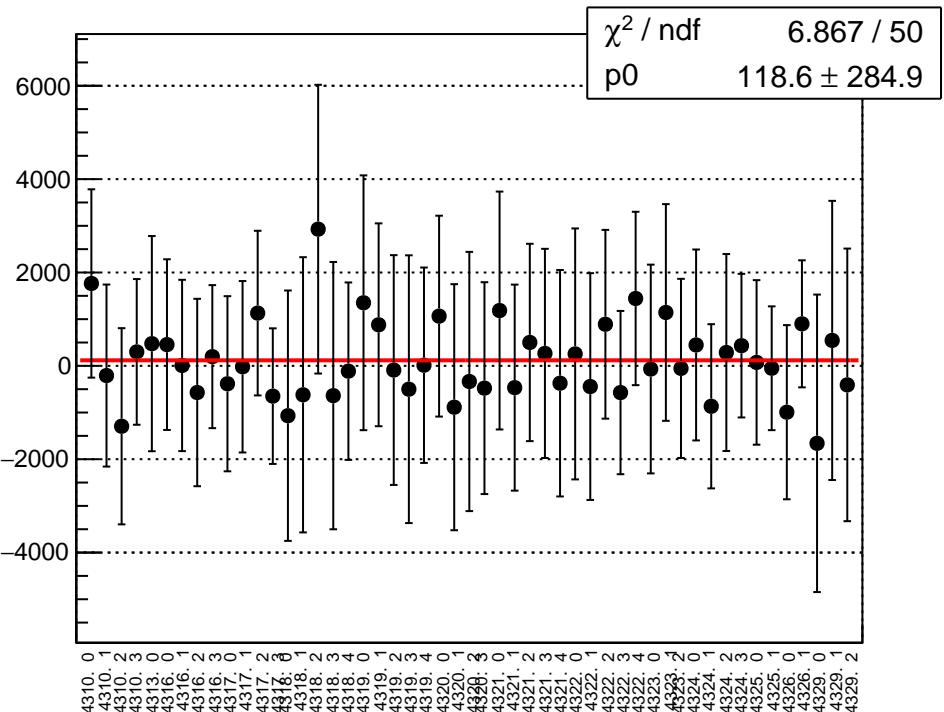
### asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_dd\_mean vs run



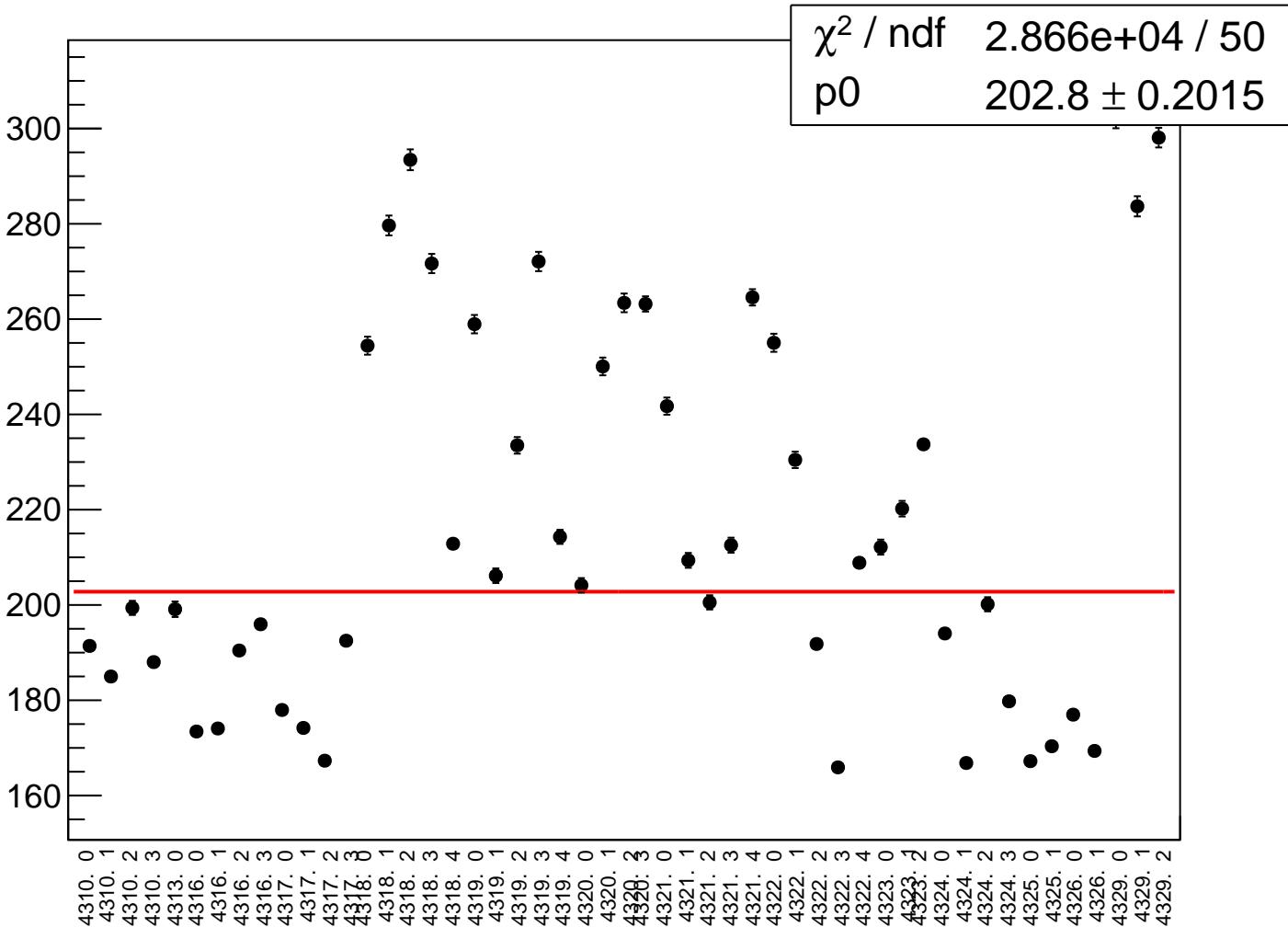
# asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_dd\_rms vs run



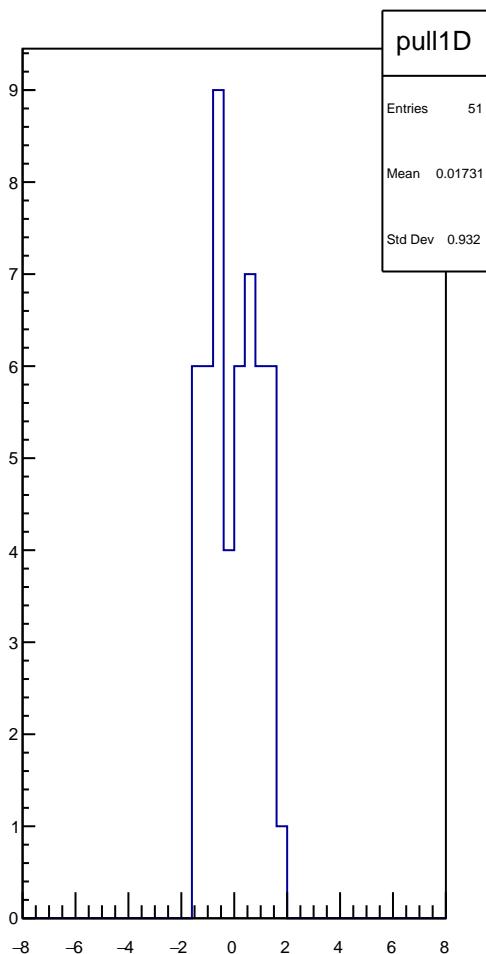
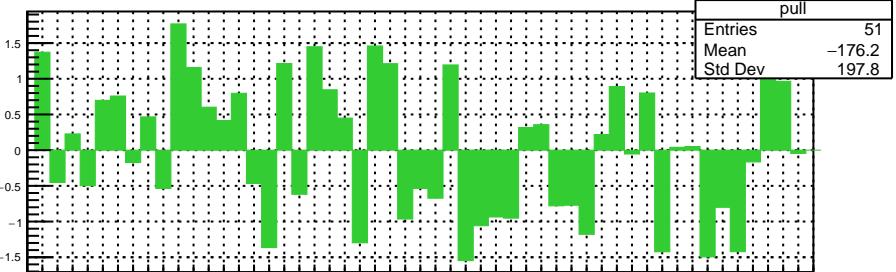
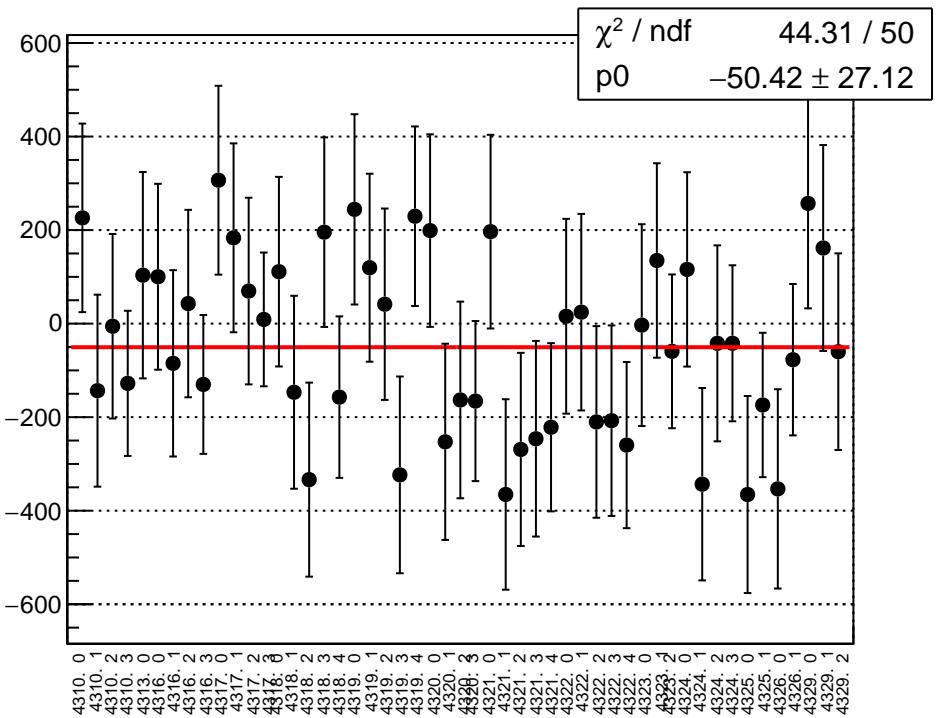
asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_avg\_mean vs run



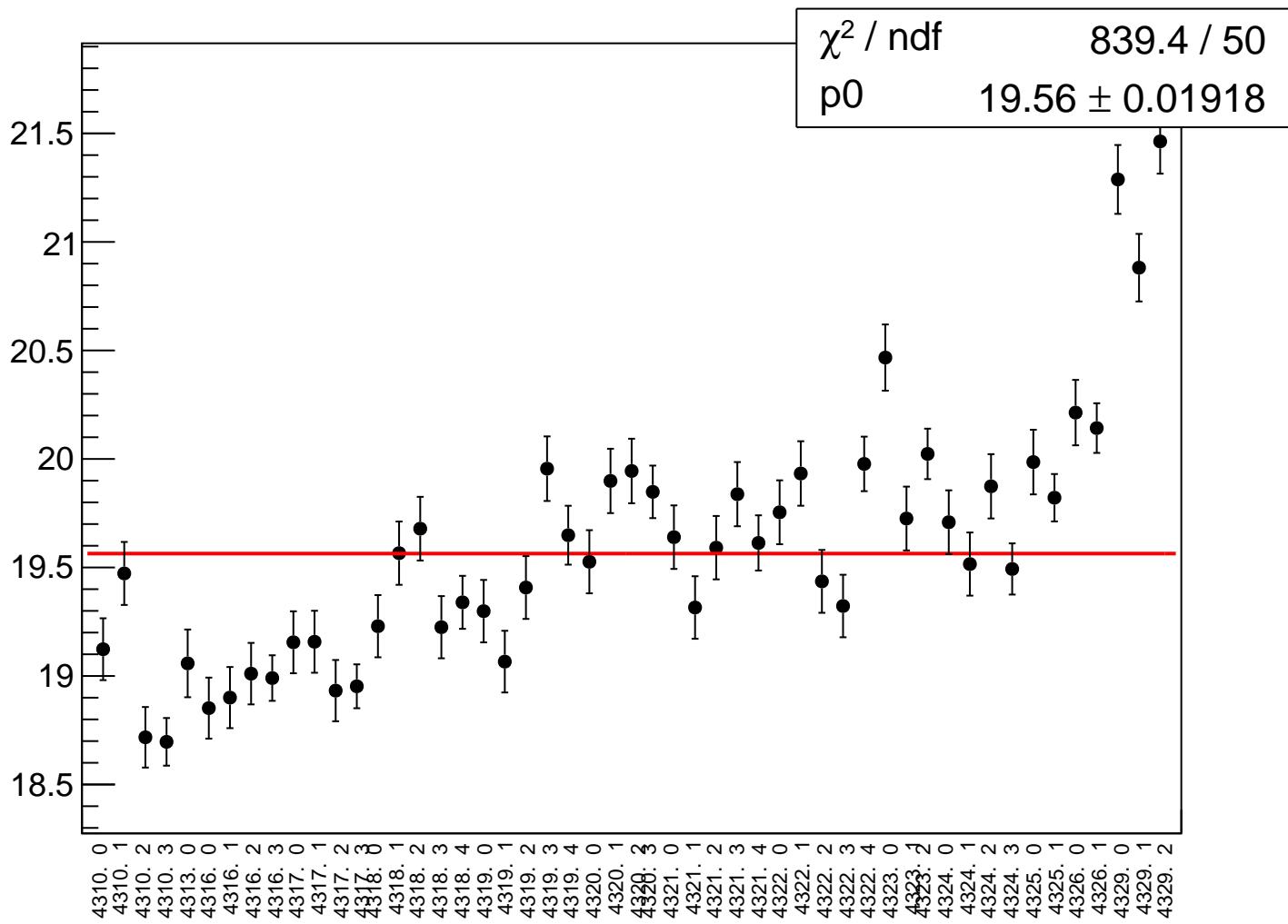
# asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_avg\_rms vs run



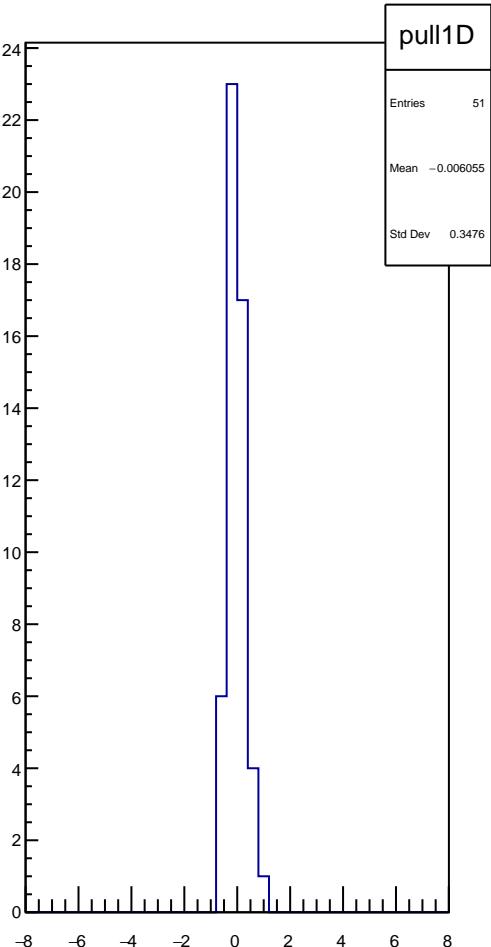
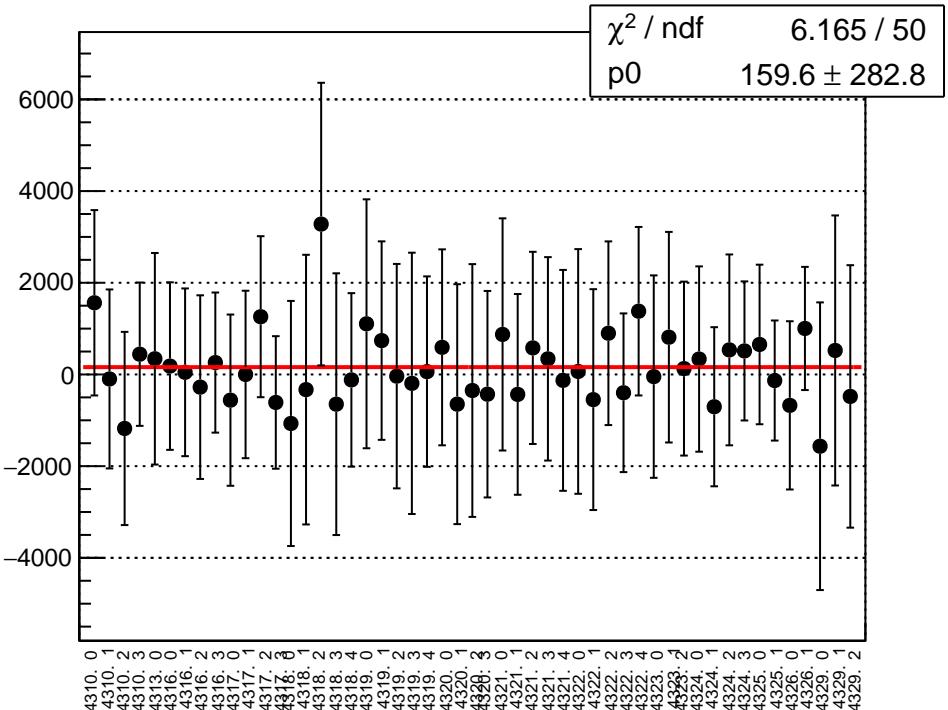
# asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_dd\_mean vs run



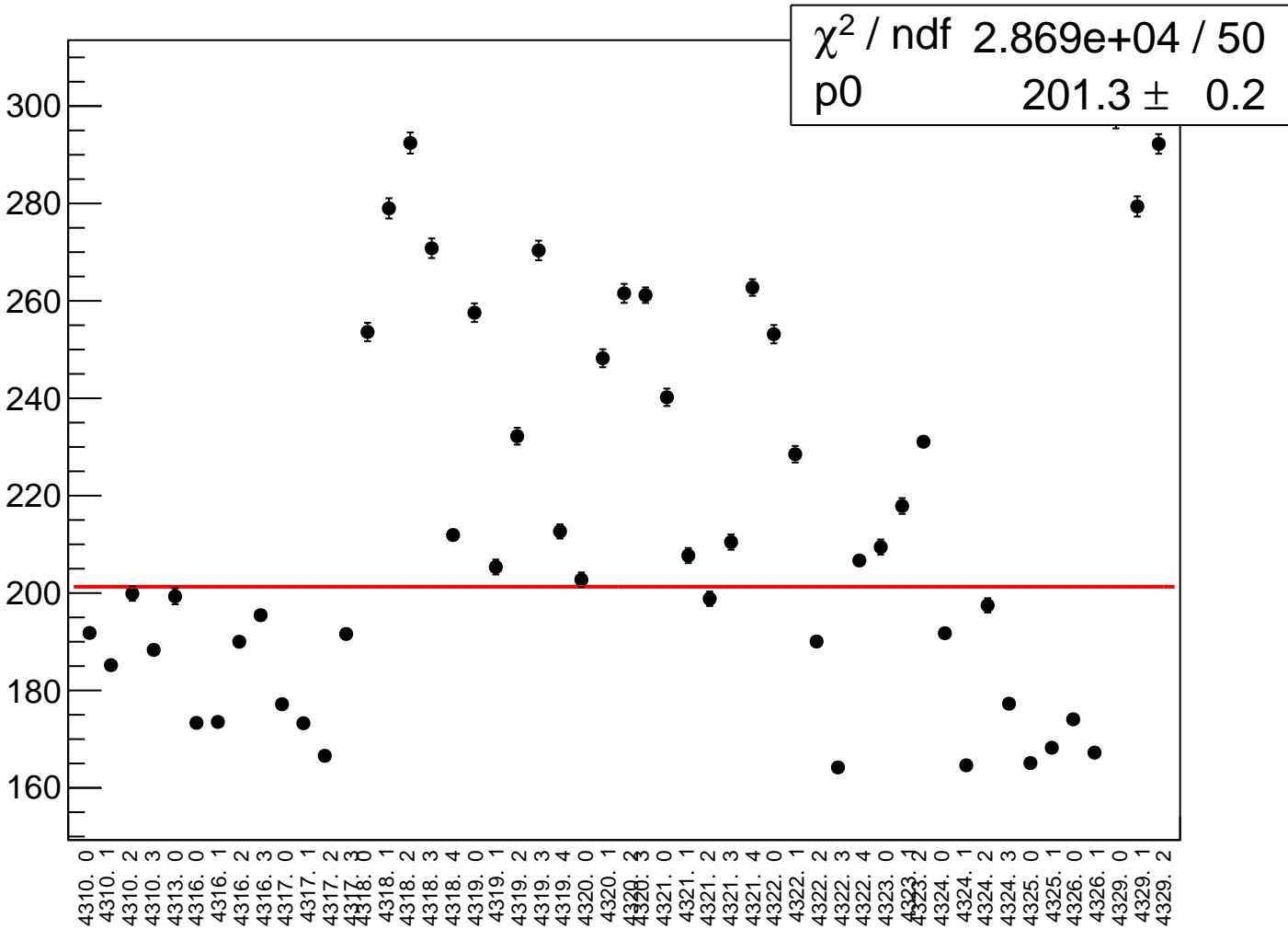
# asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_dd\_rms vs run



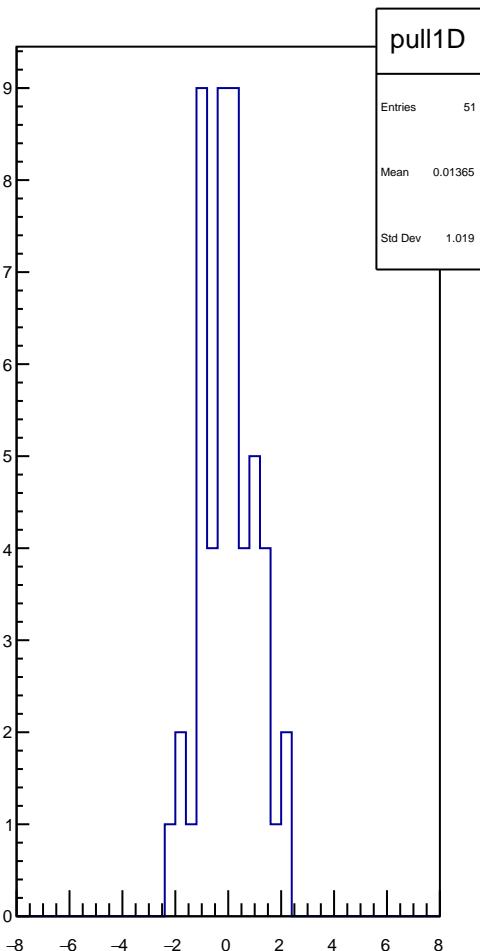
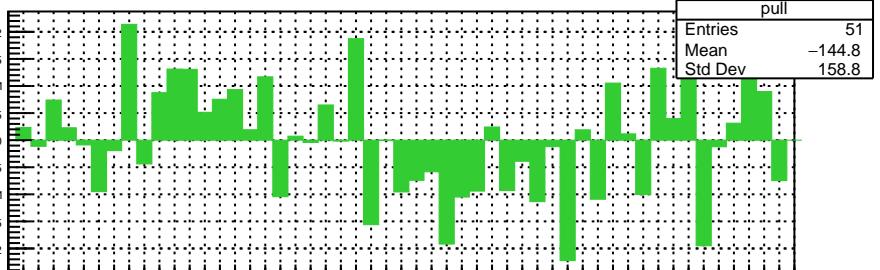
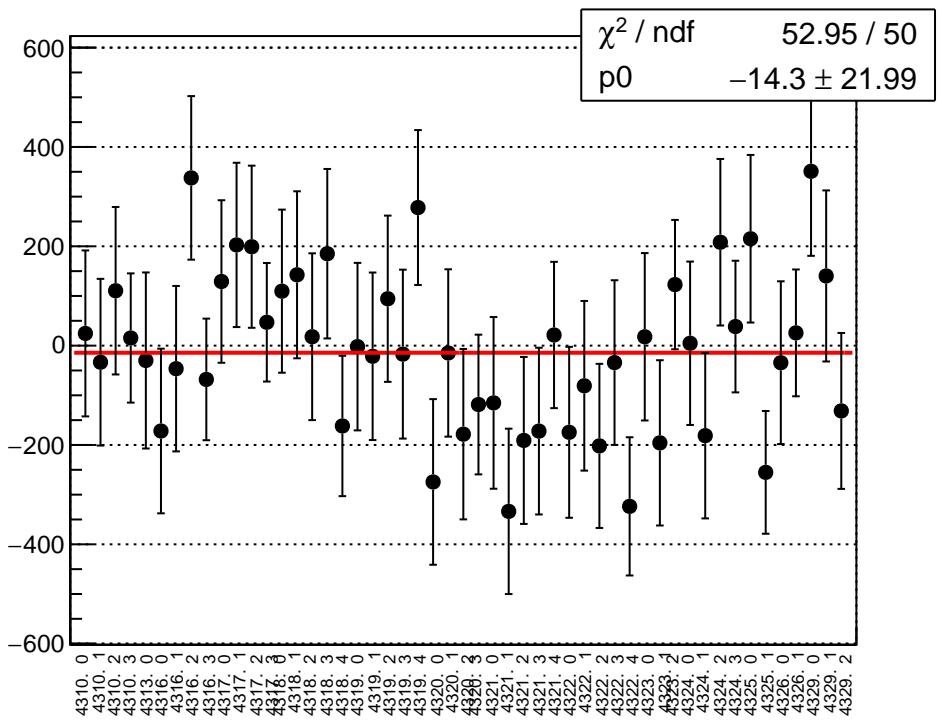
asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_avg\_mean vs run



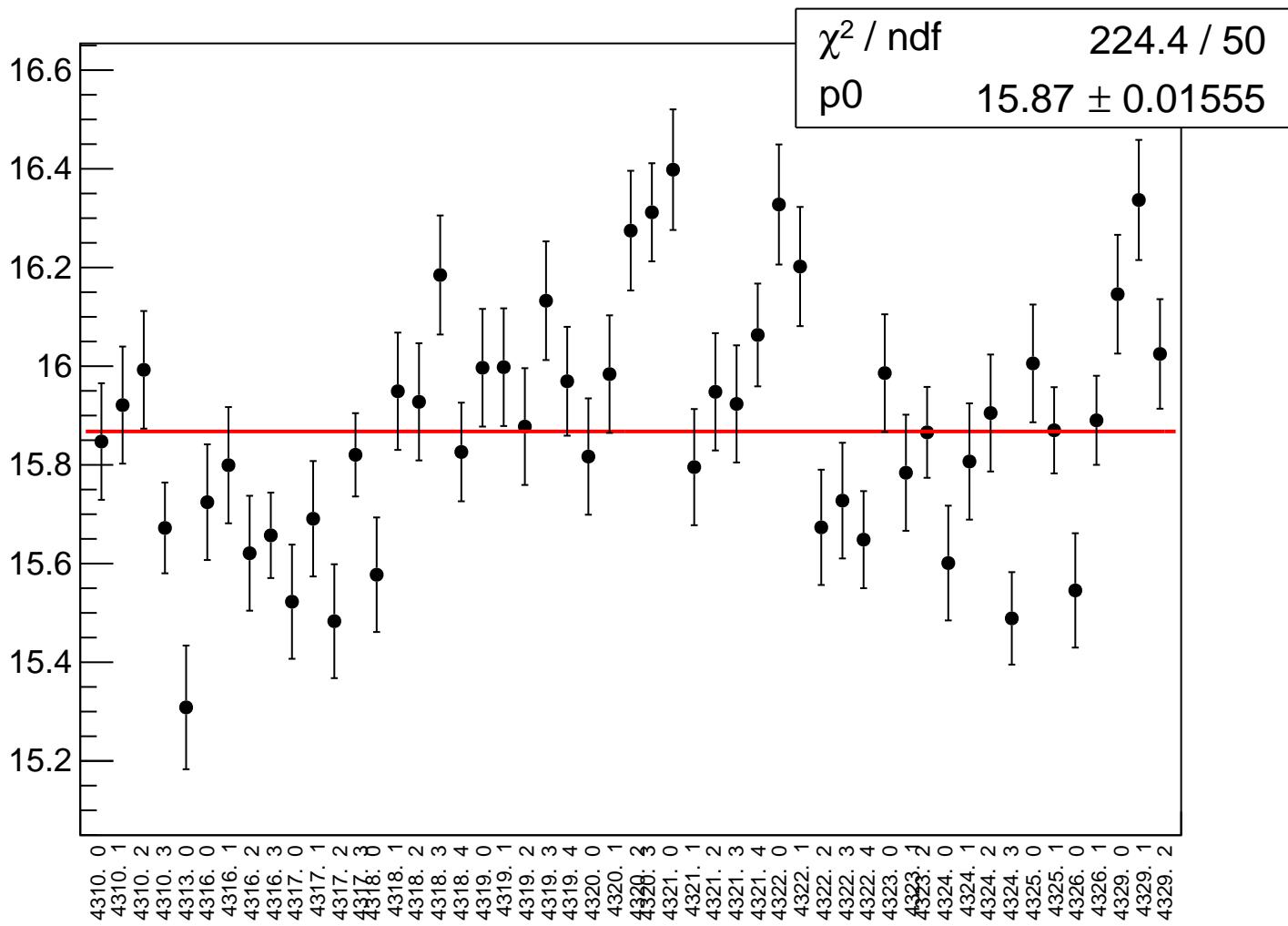
# asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_avg\_rms vs run



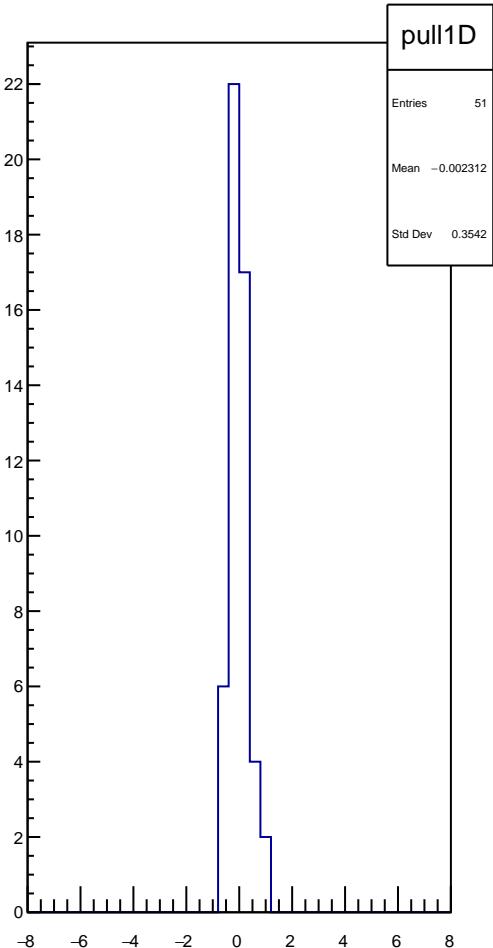
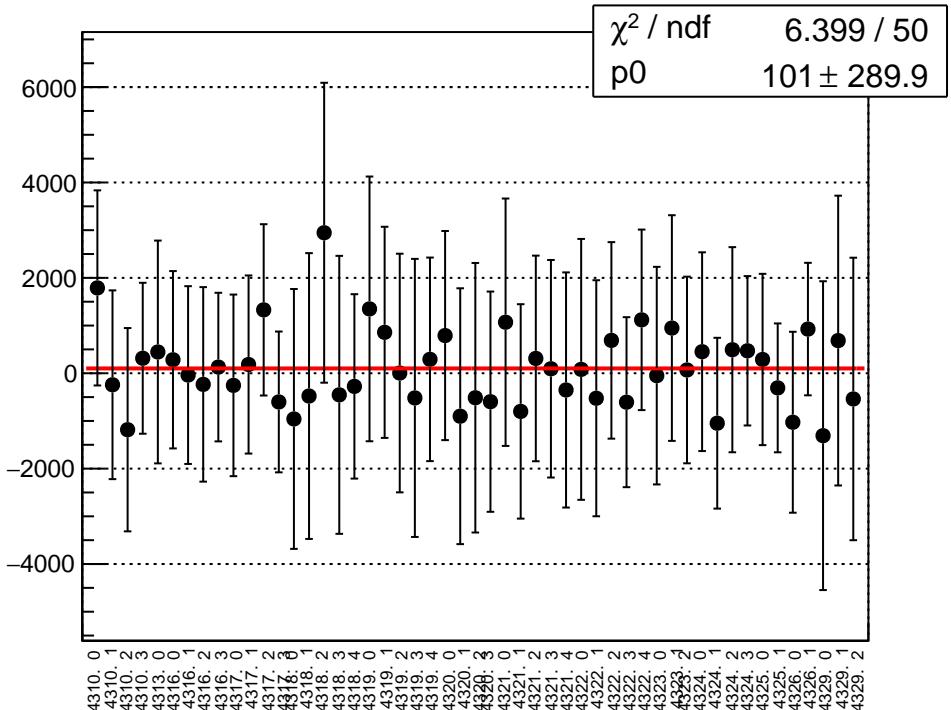
# asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_dd\_mean vs run



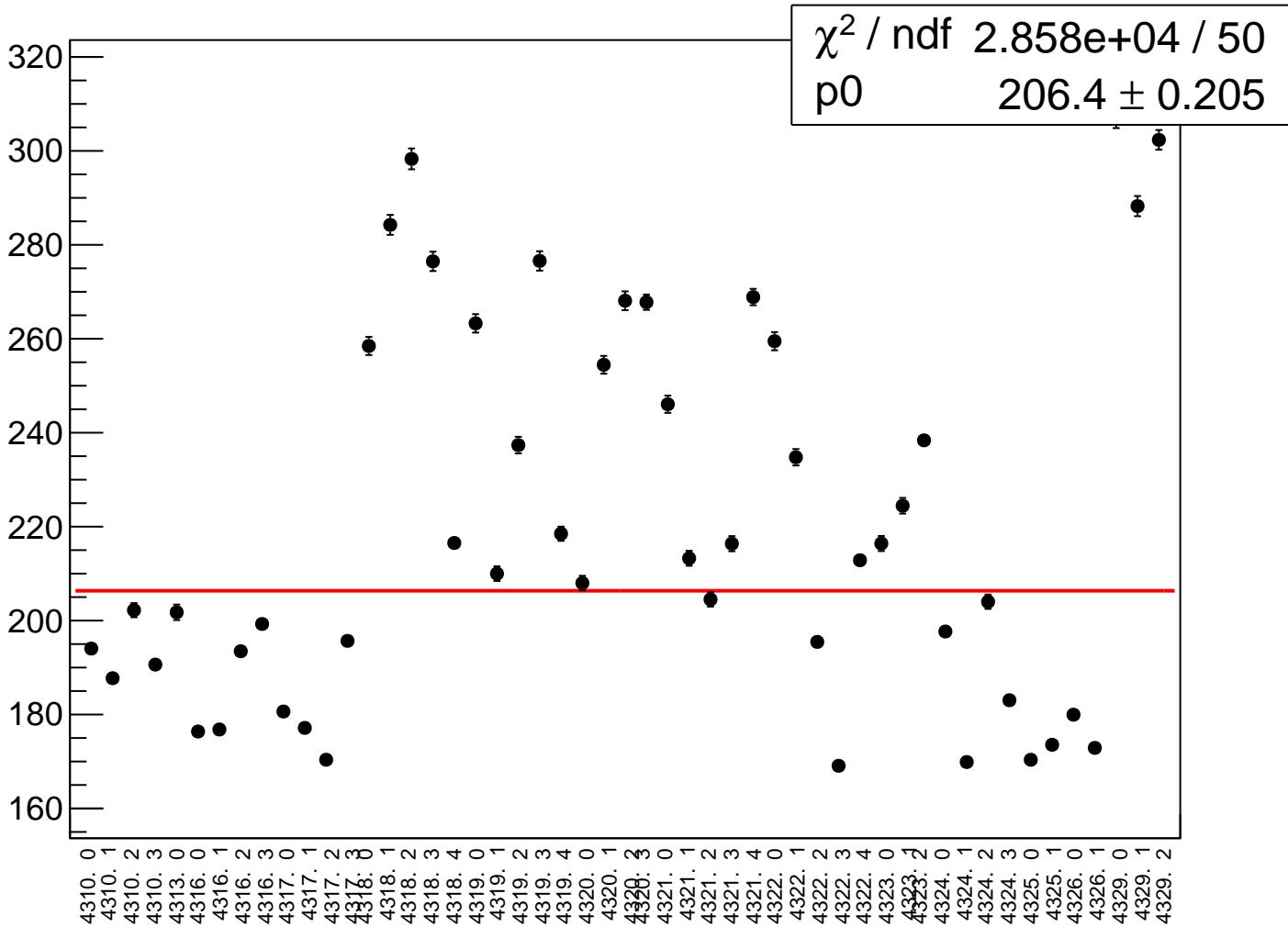
# asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_dd\_rms vs run

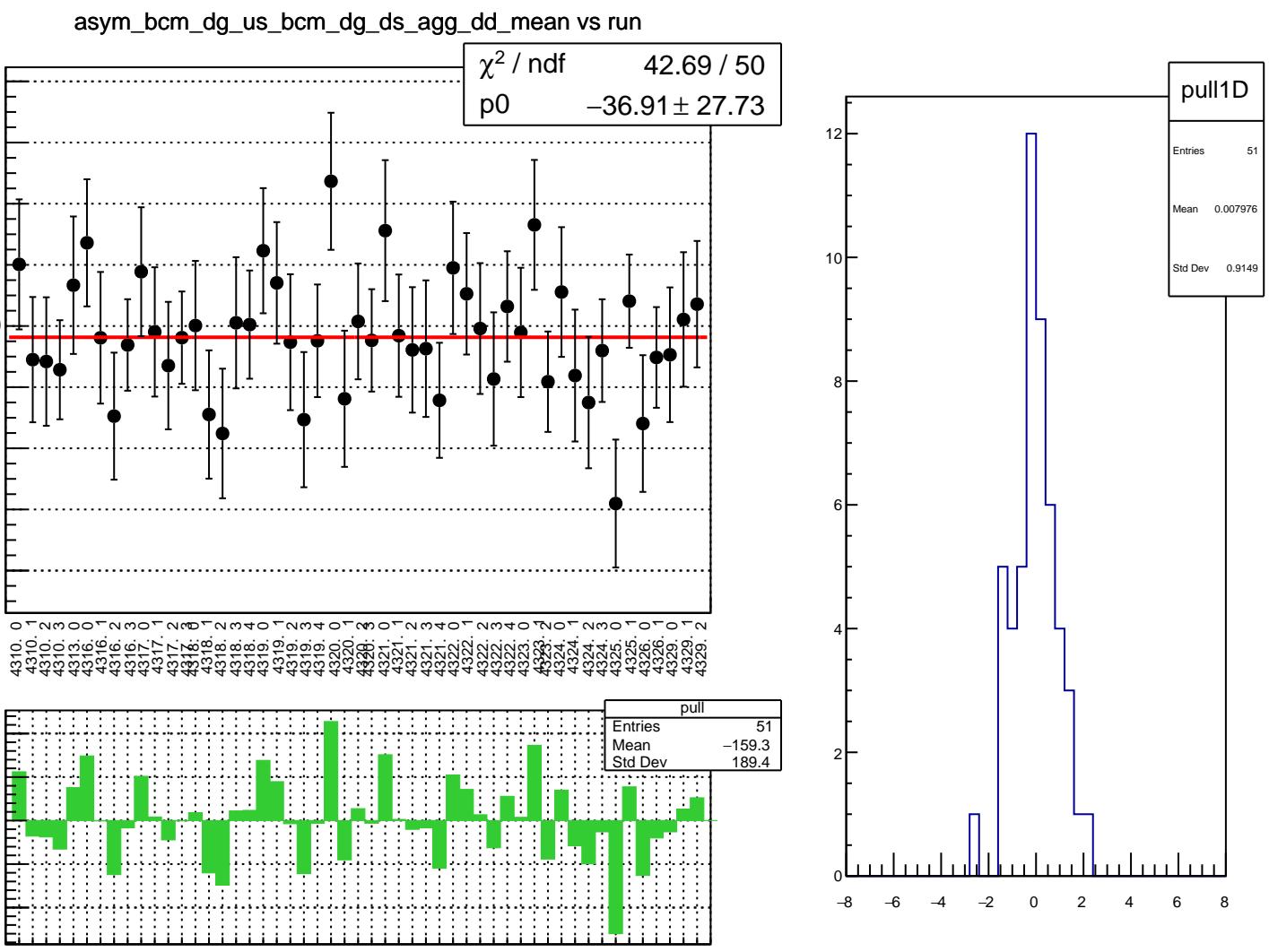


asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_avg\_mean vs run

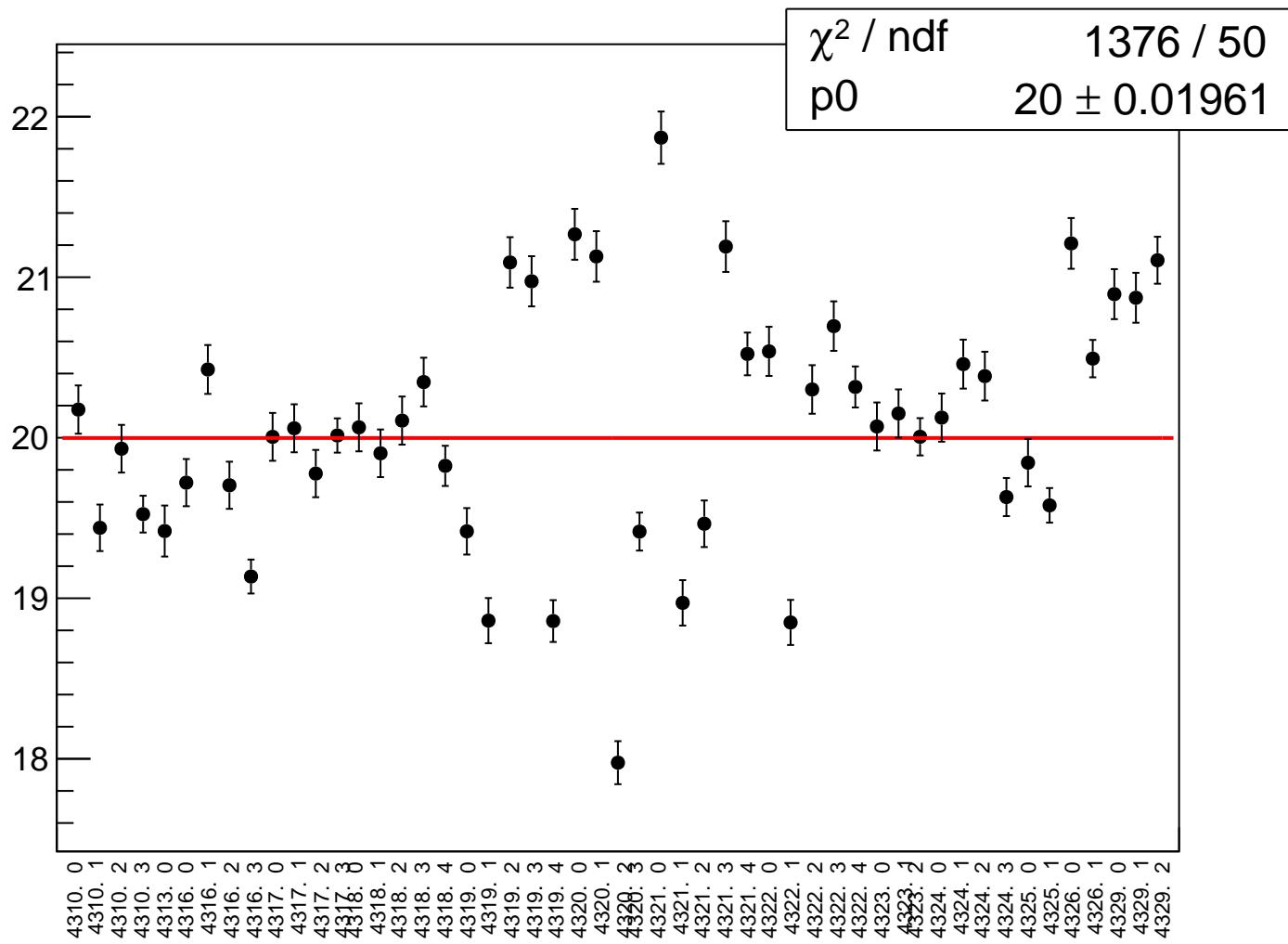


# asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_avg\_rms vs run

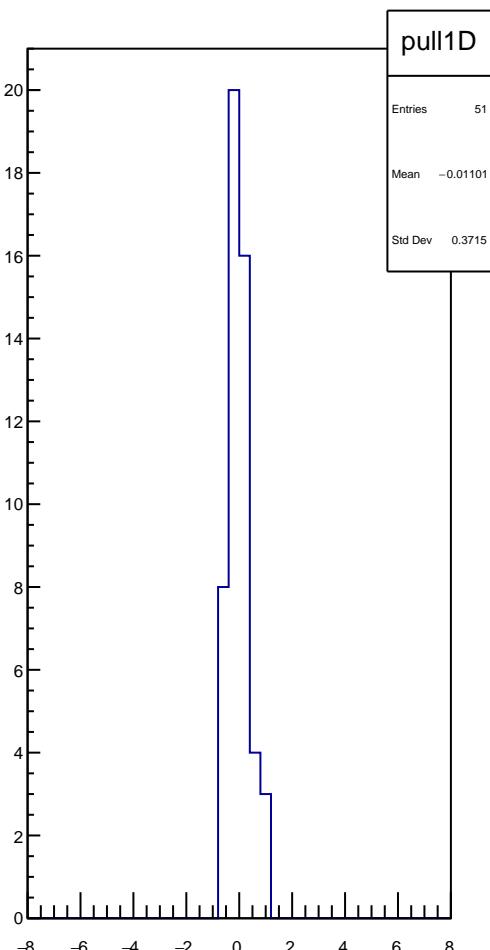
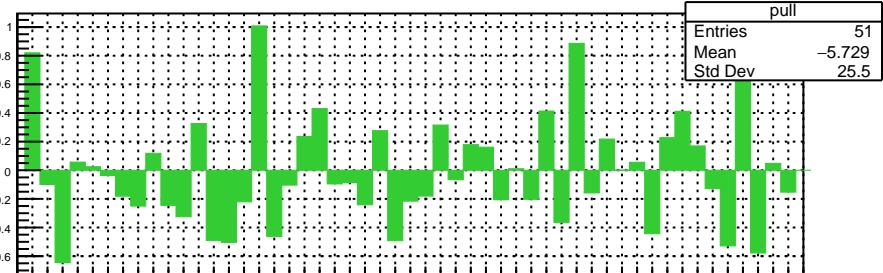
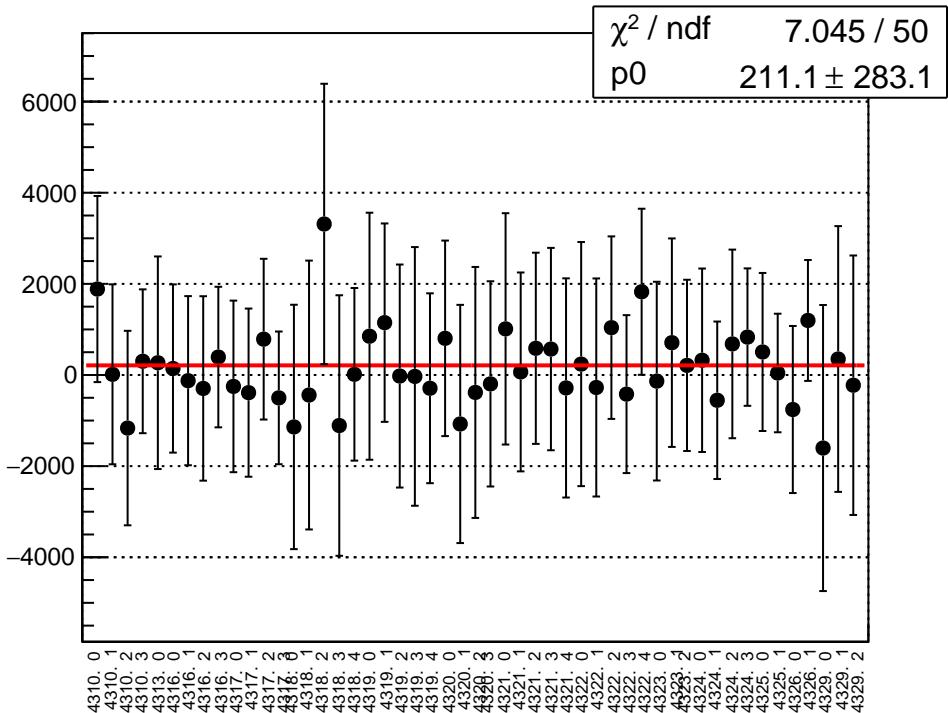




# asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_dd\_rms vs run

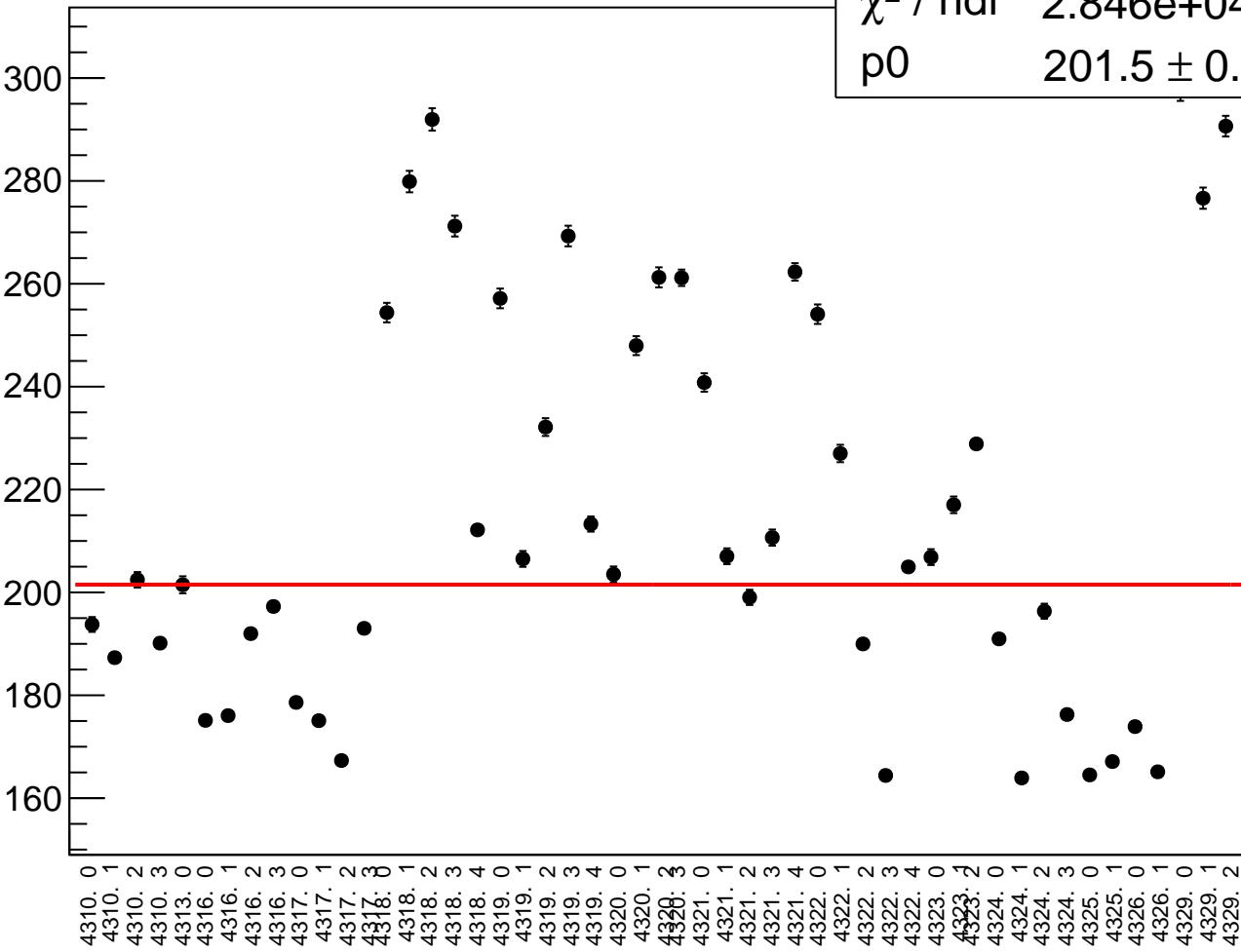


asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_avg\_mean vs run

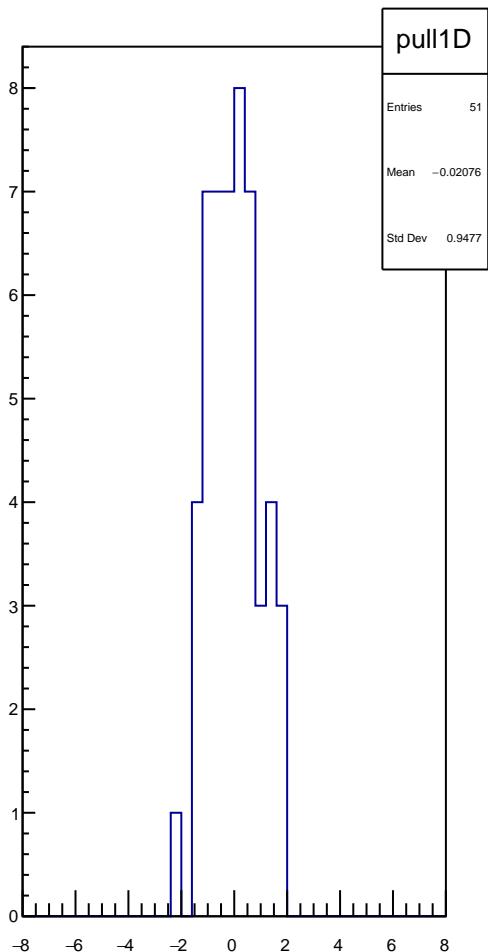
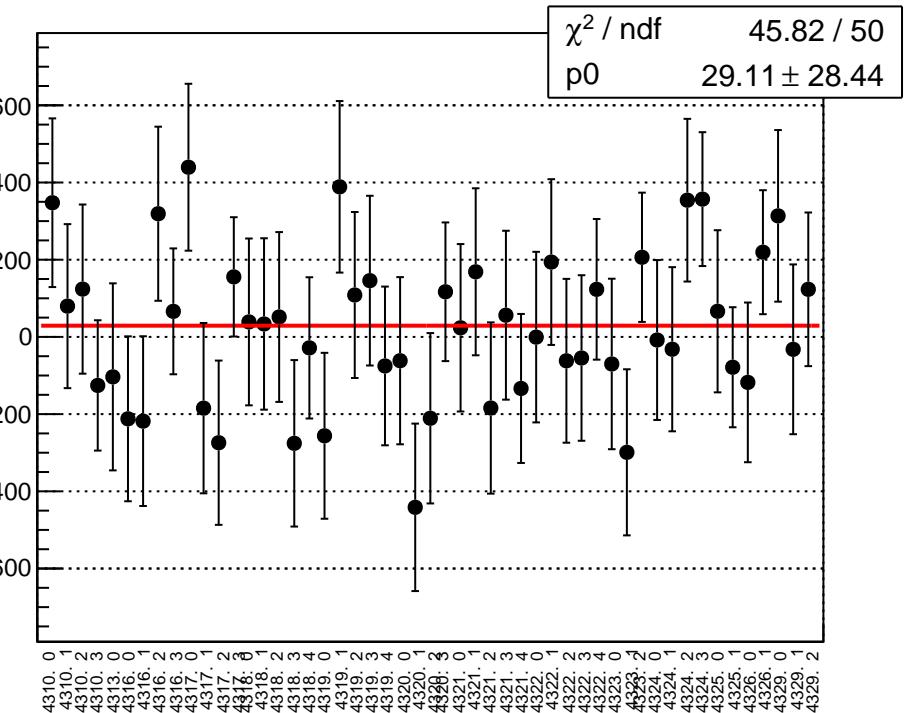


# asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_avg\_rms vs run

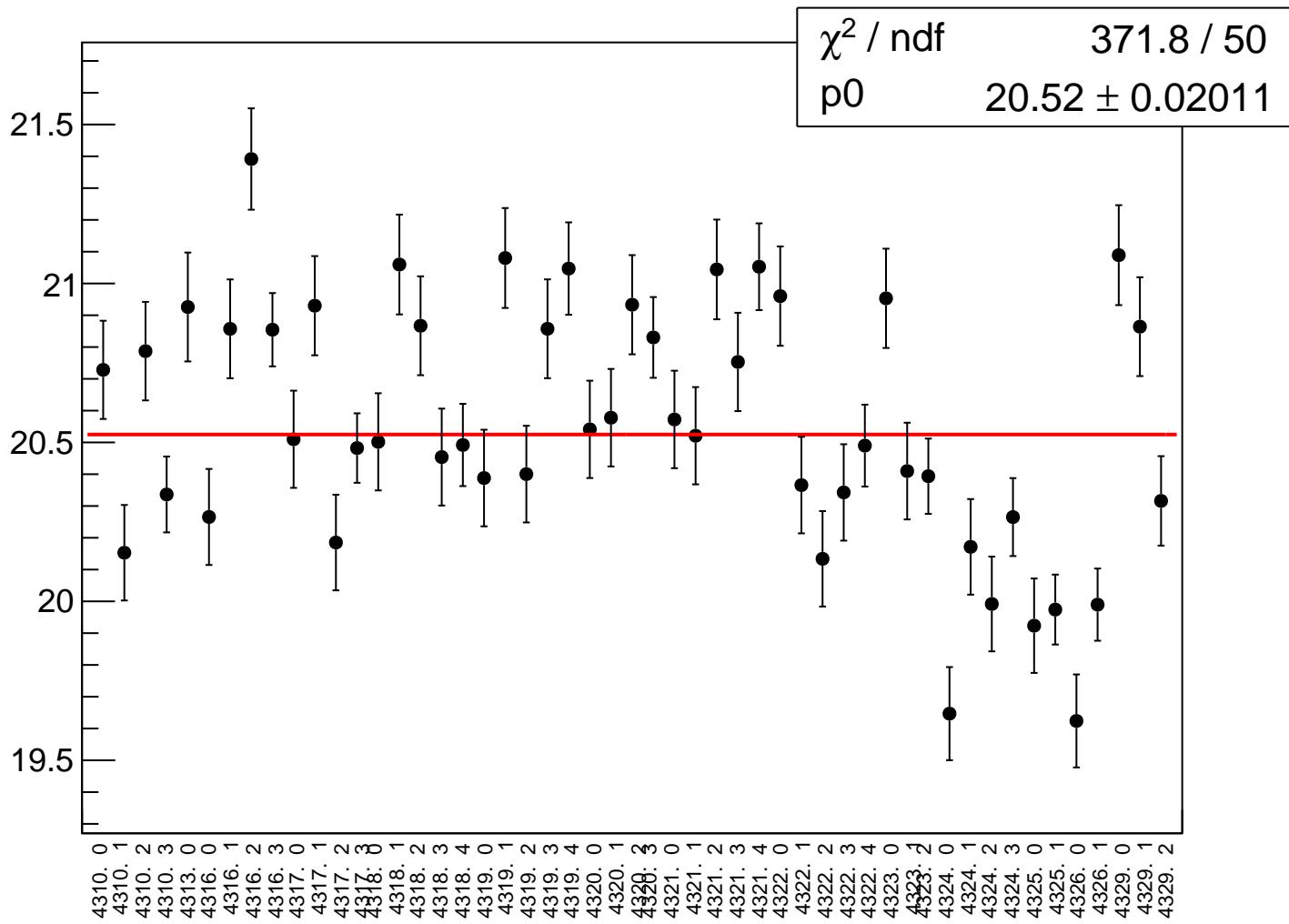
$\chi^2 / \text{ndf}$   $2.846\text{e+04} / 50$   
p0  $201.5 \pm 0.2002$



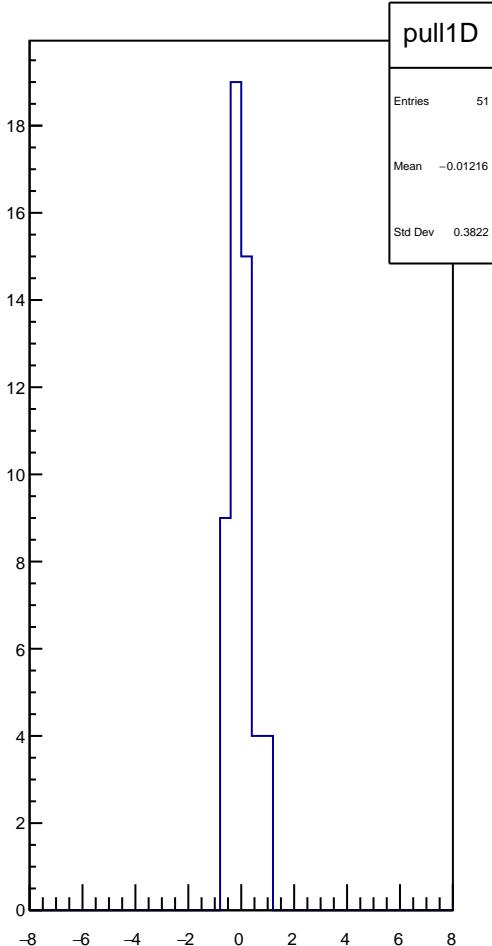
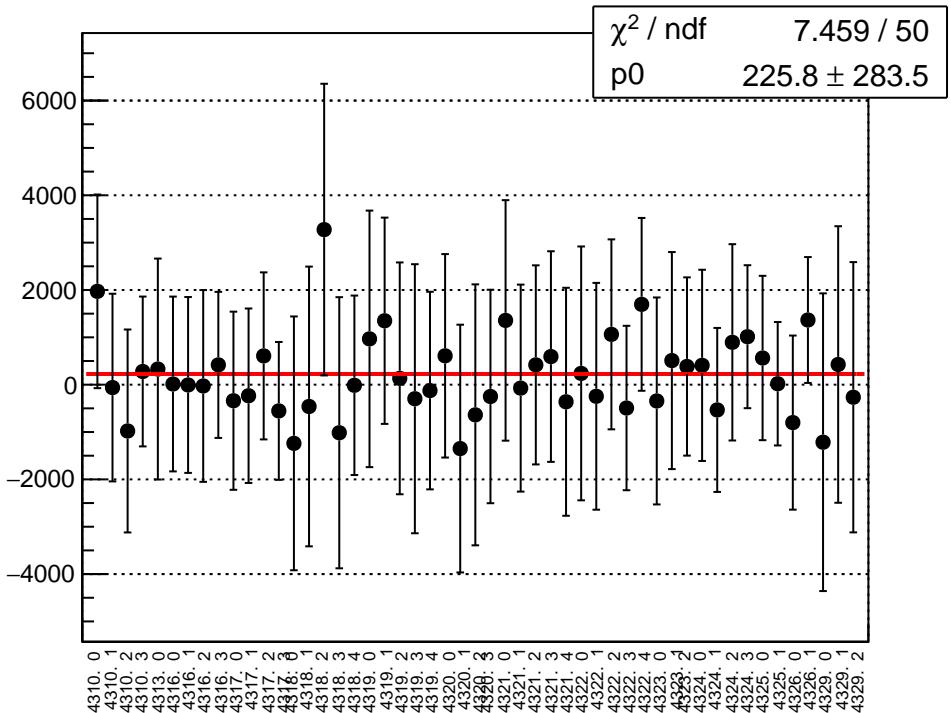
# asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_dd\_mean vs run



# asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_dd\_rms vs run

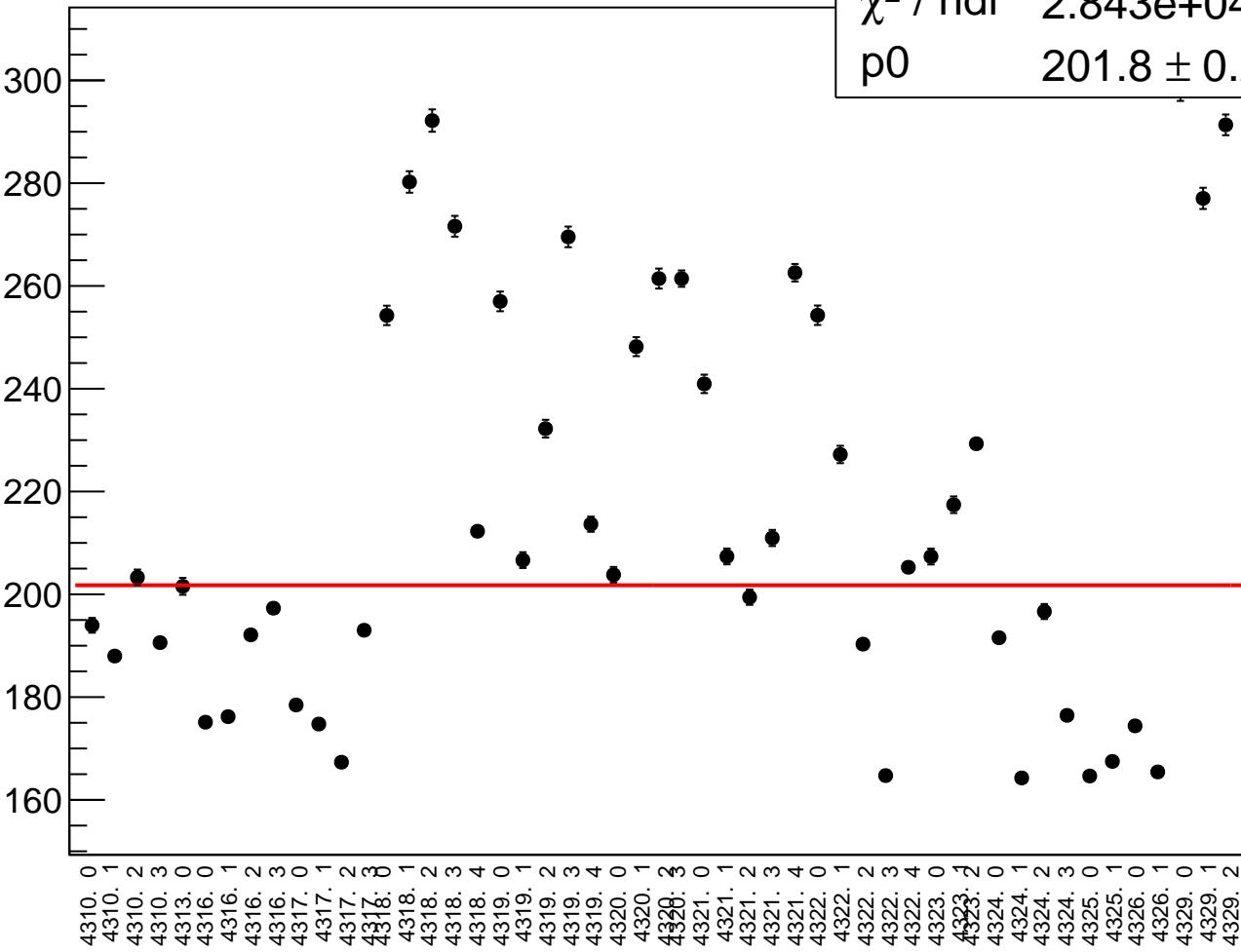


# asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_avg\_mean vs run

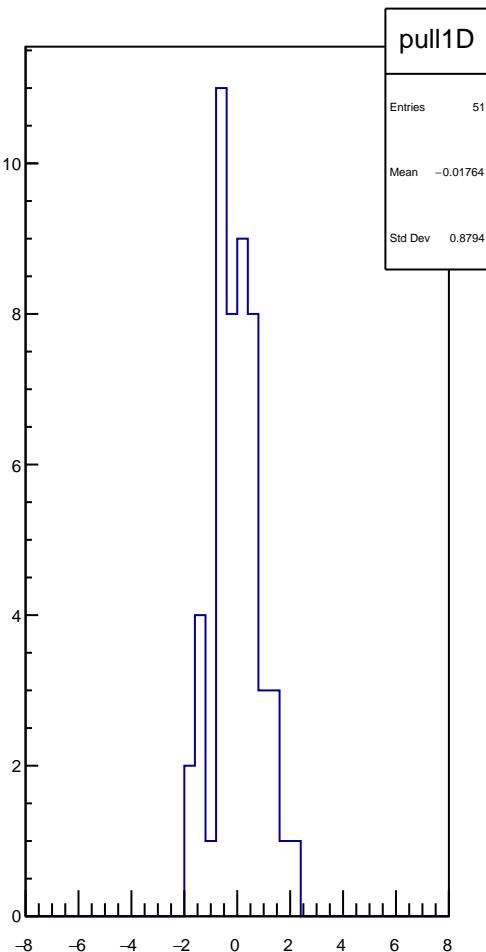
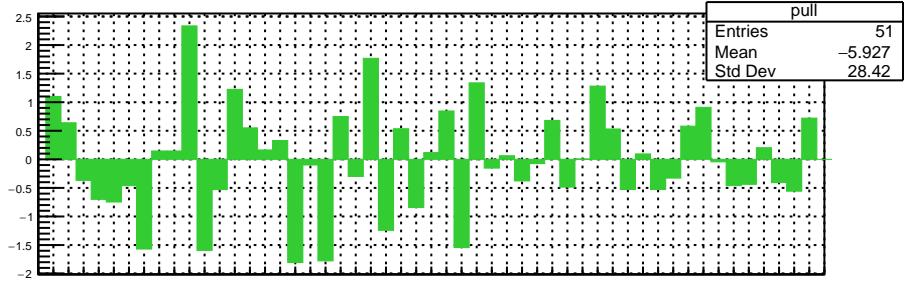
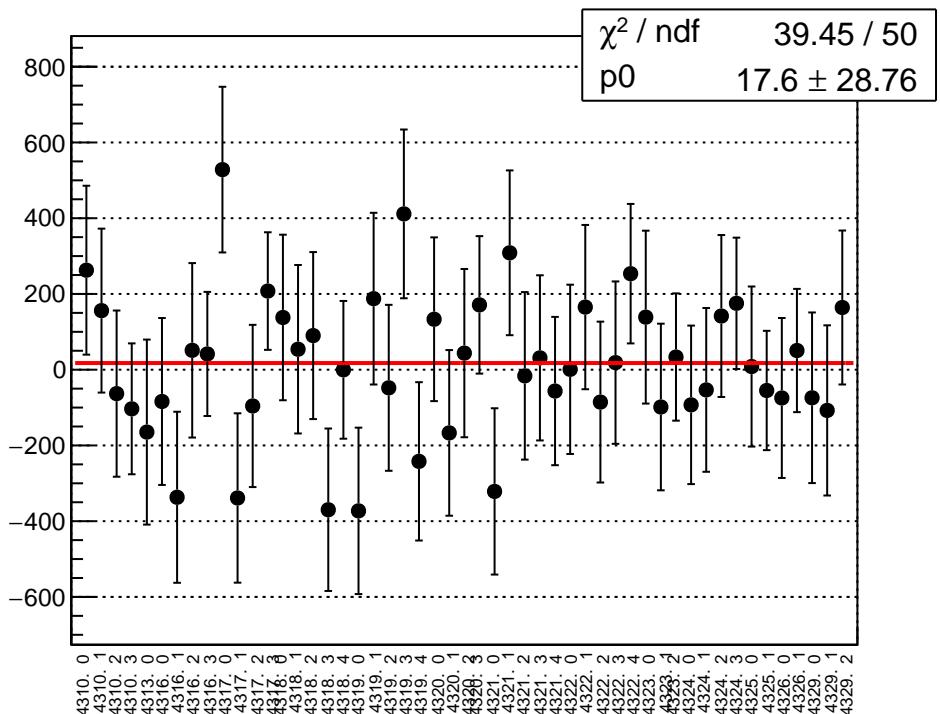


# asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_avg\_rms vs run

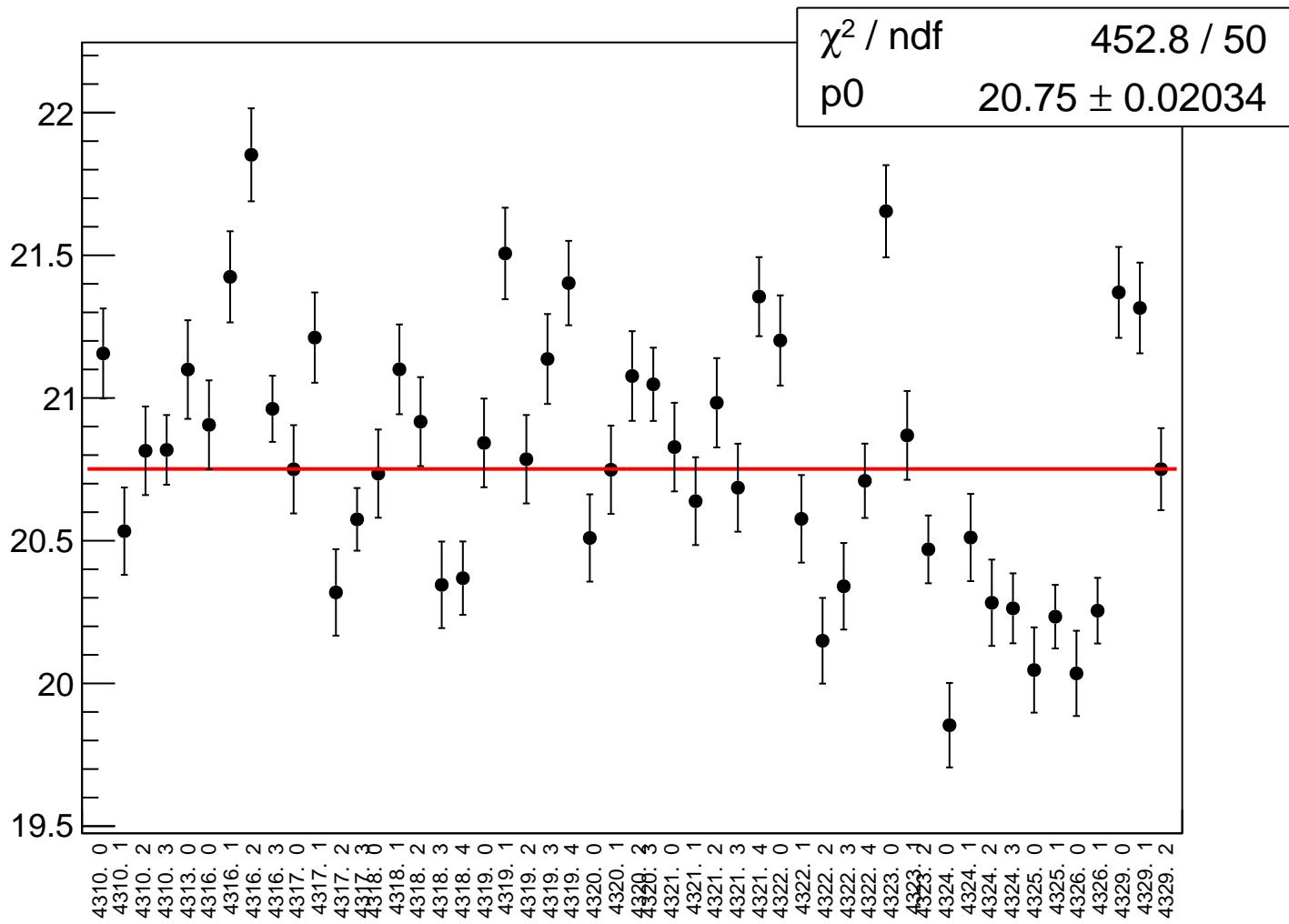
$\chi^2 / \text{ndf}$   $2.843\text{e+04} / 50$   
p0  $201.8 \pm 0.2004$



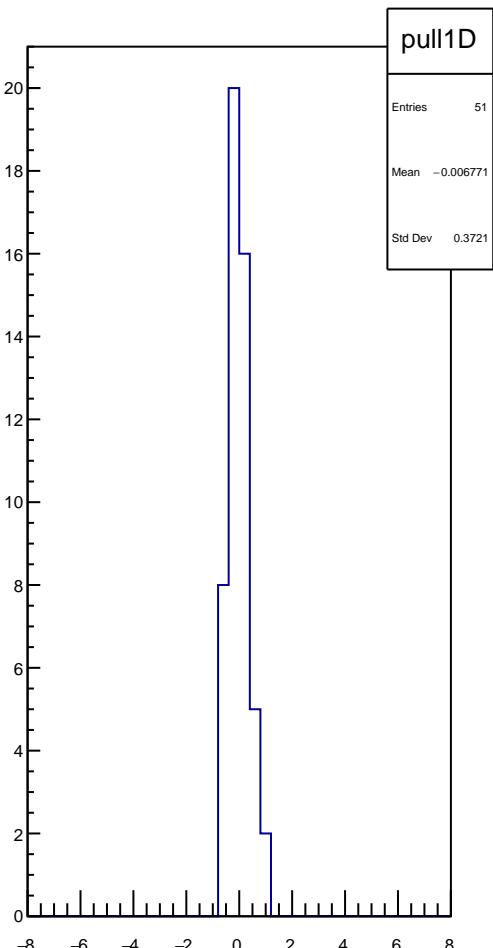
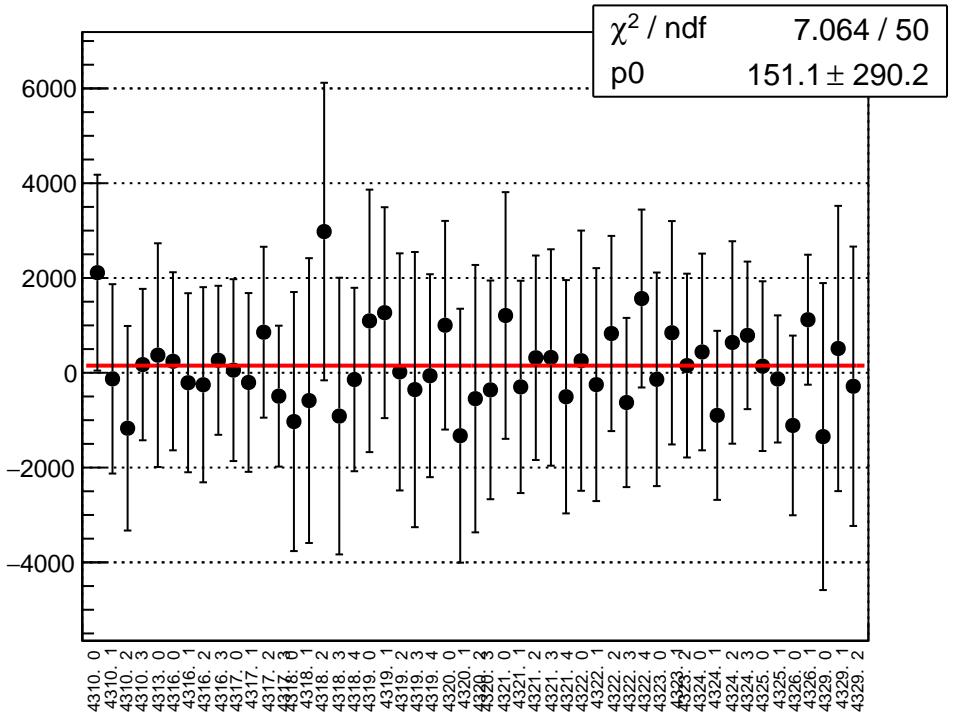
# asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_dd\_mean vs run



# asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_dd\_rms vs run

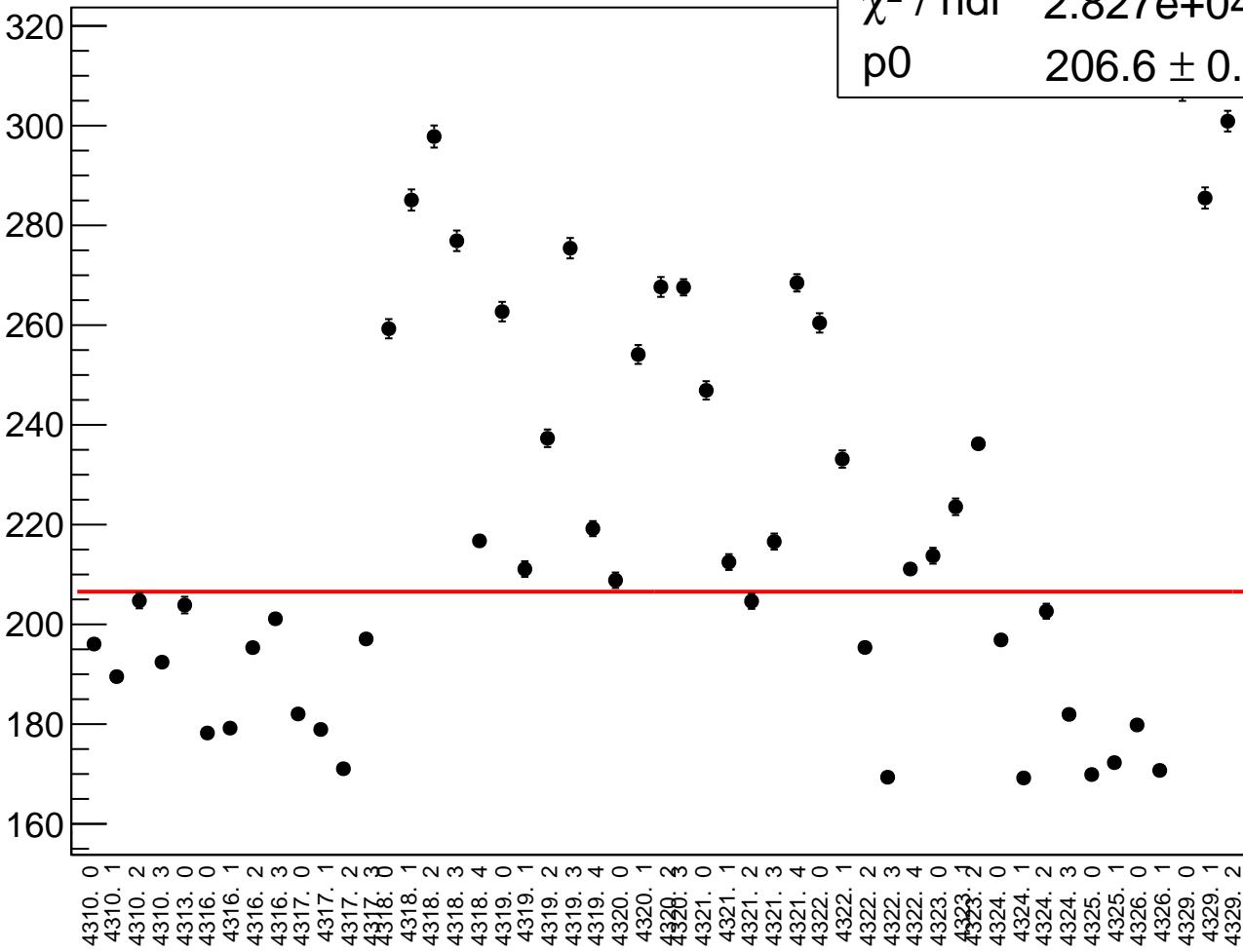


# asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_avg\_mean vs run

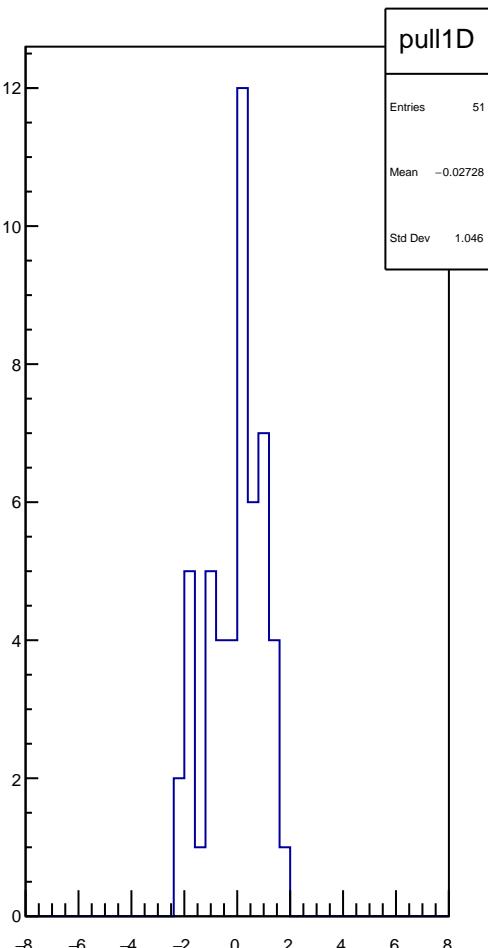
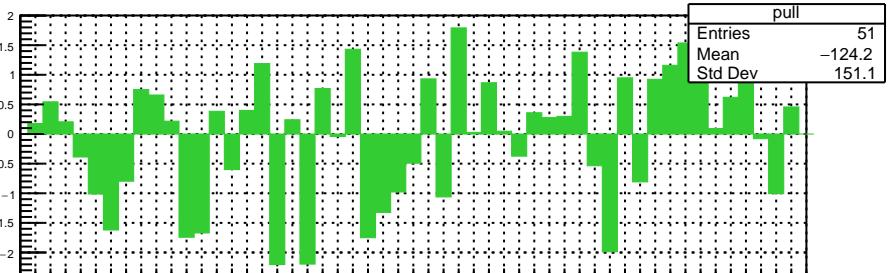
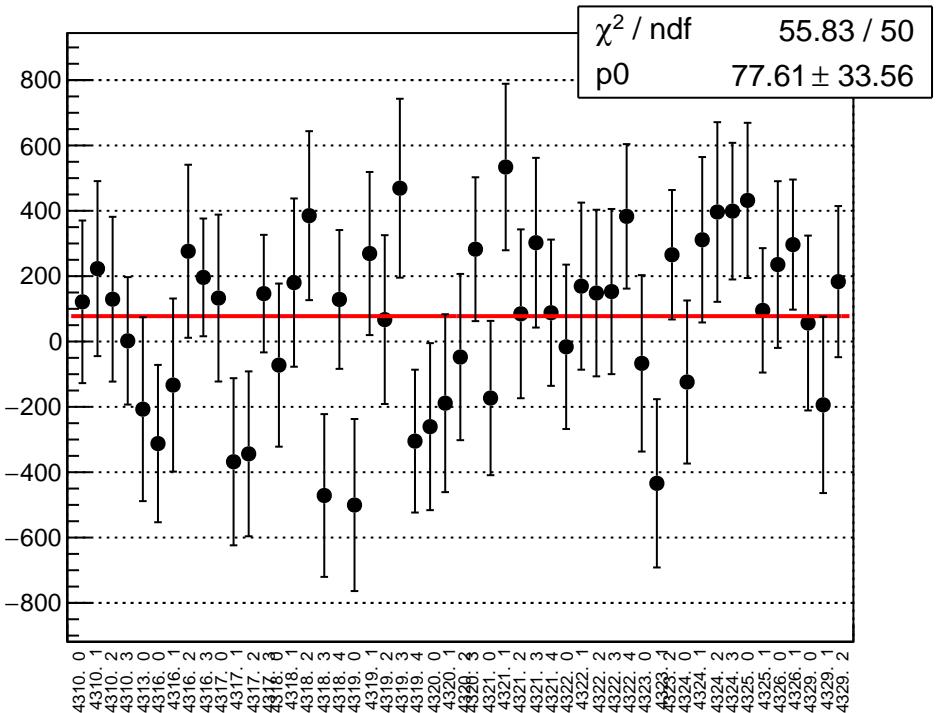


# asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_avg\_rms vs run

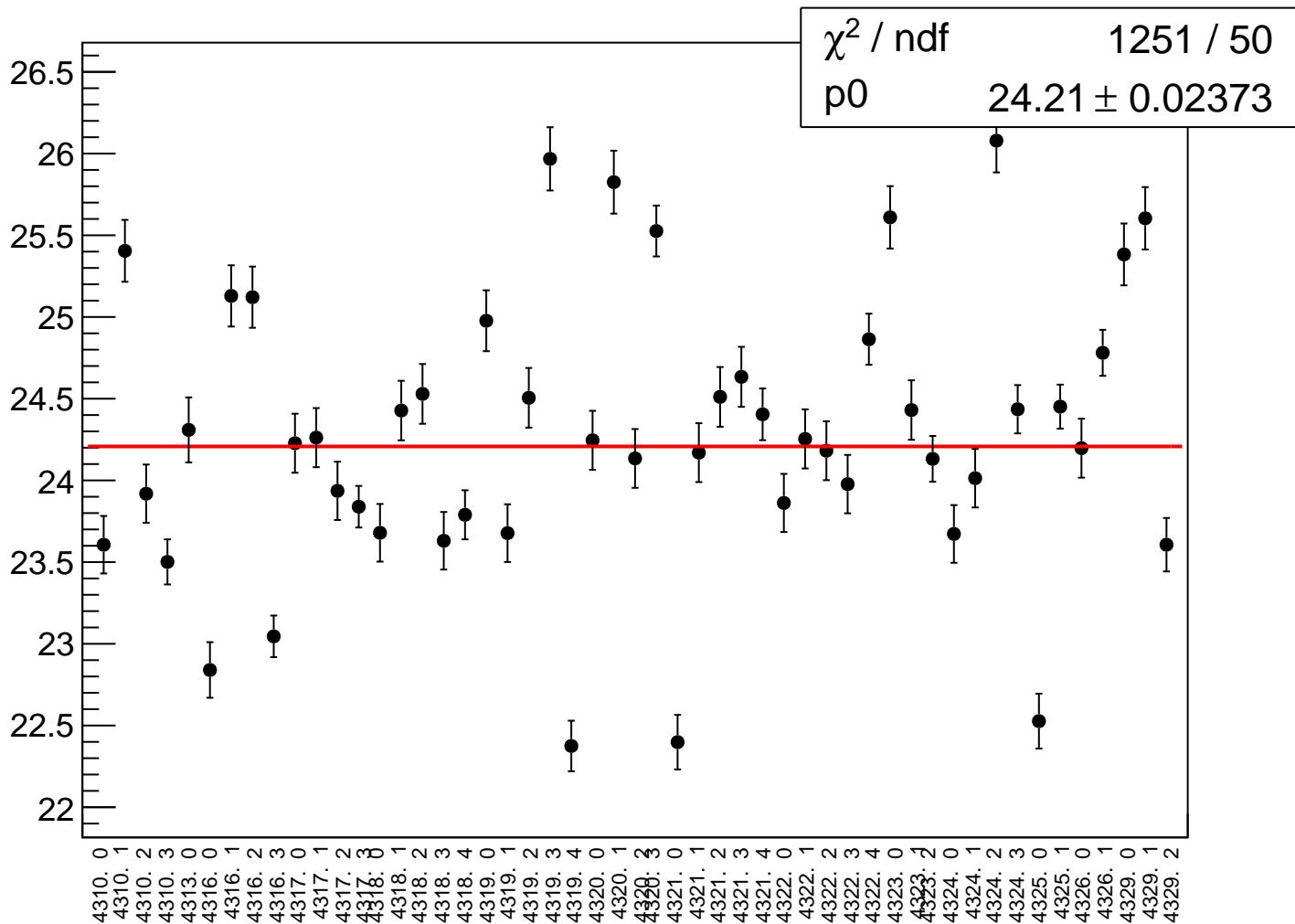
$\chi^2 / \text{ndf}$   $2.827\text{e+04} / 50$   
p0  $206.6 \pm 0.2052$



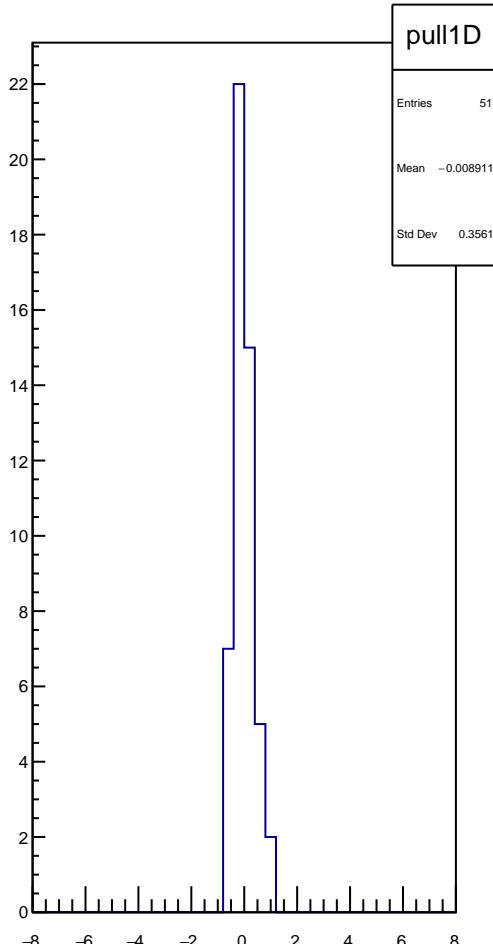
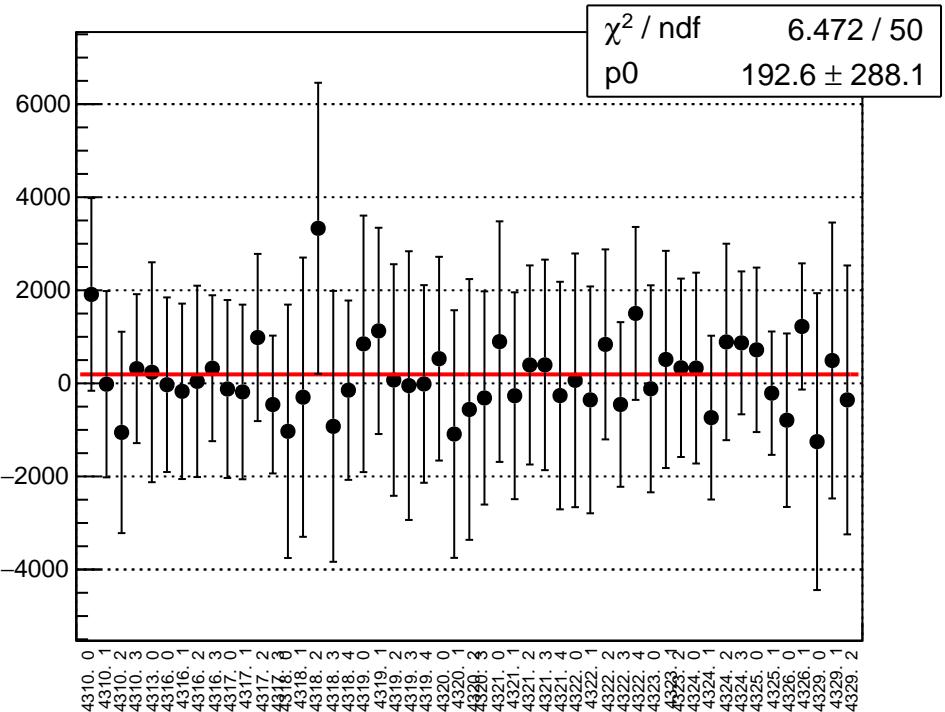
asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_dd\_mean vs run



# asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_dd\_rms vs run

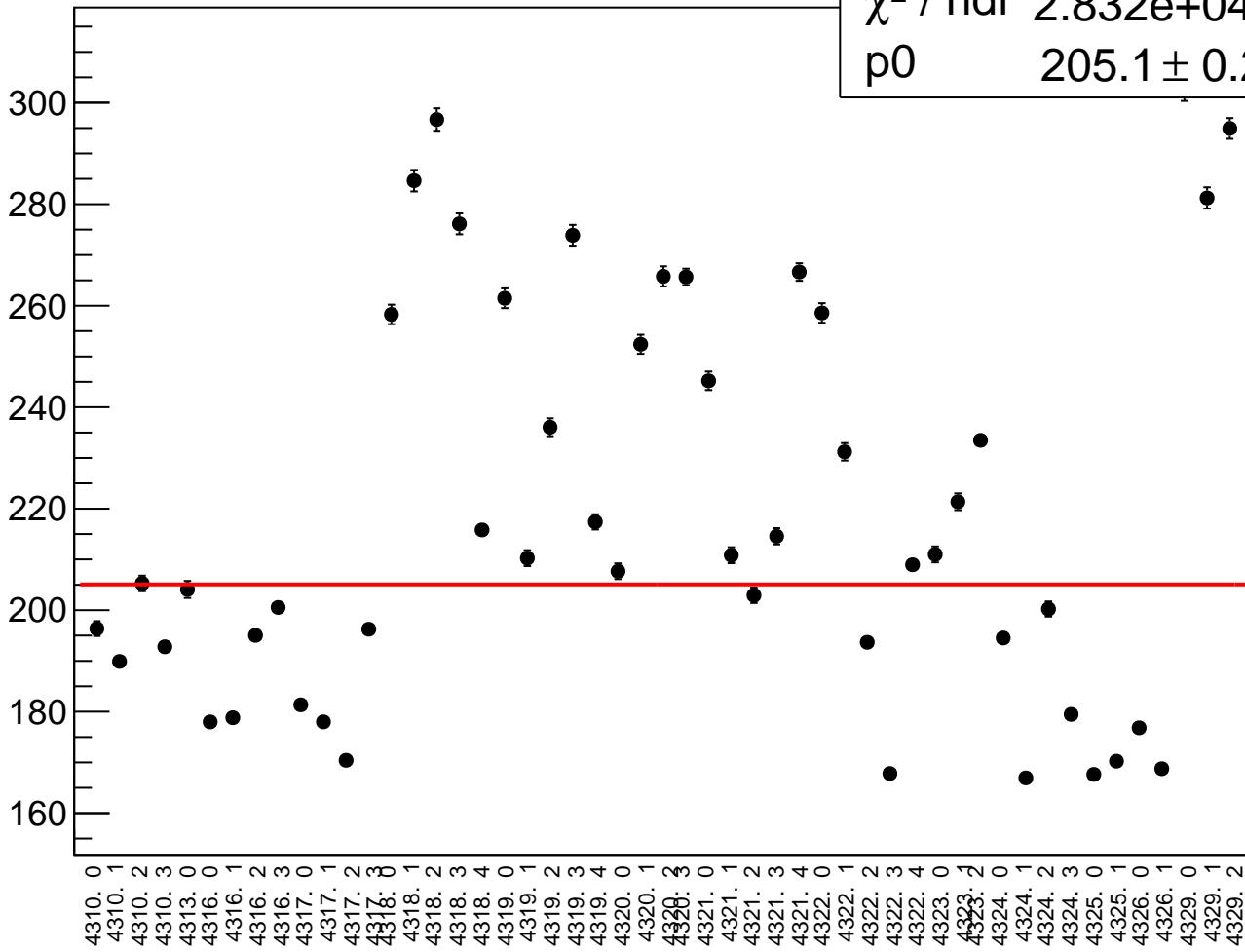


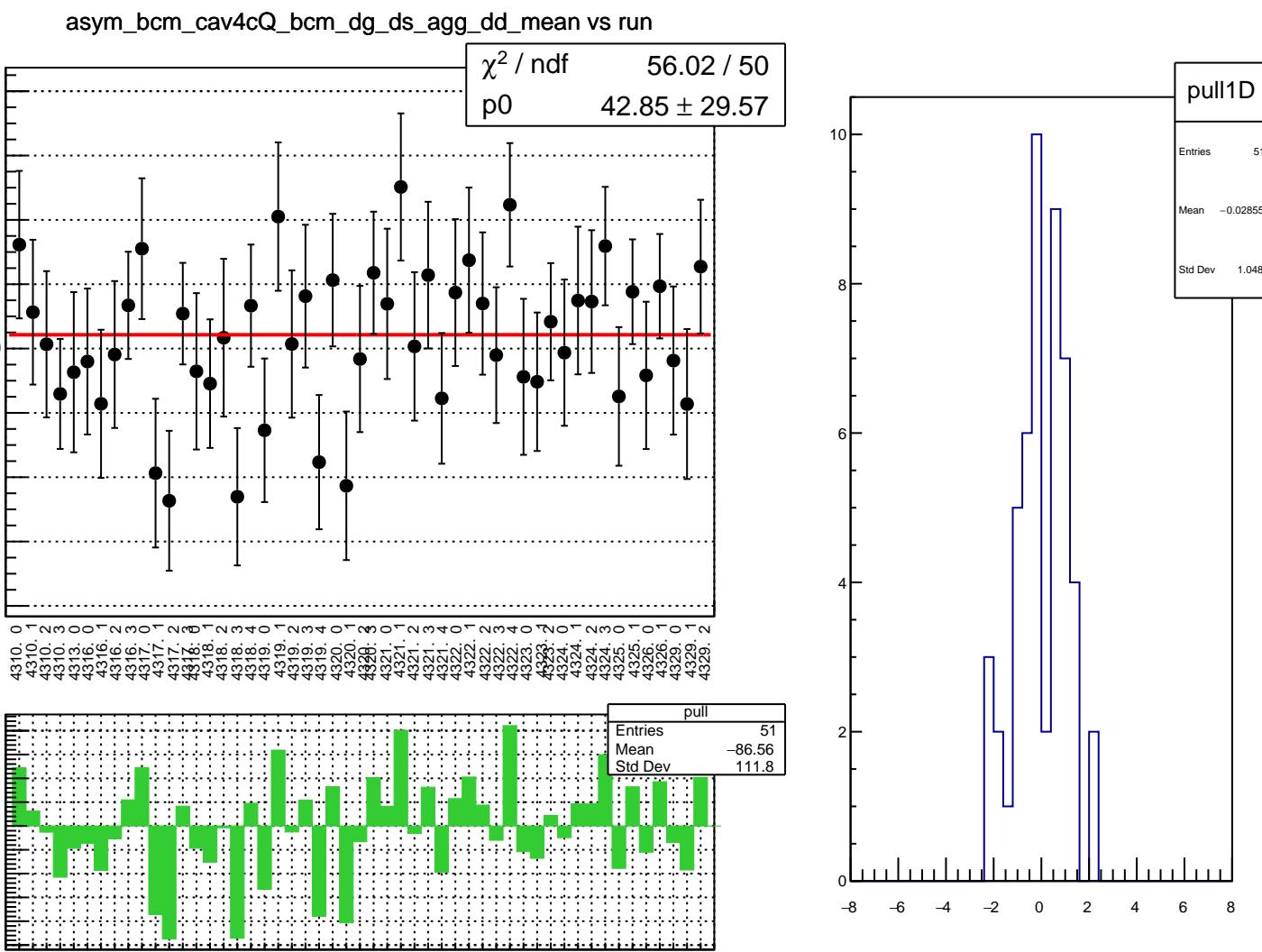
### asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_avg\_mean vs run



# asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_avg\_rms vs run

$\chi^2 / \text{ndf}$   $2.832\text{e+04} / 50$   
p0  $205.1 \pm 0.2037$





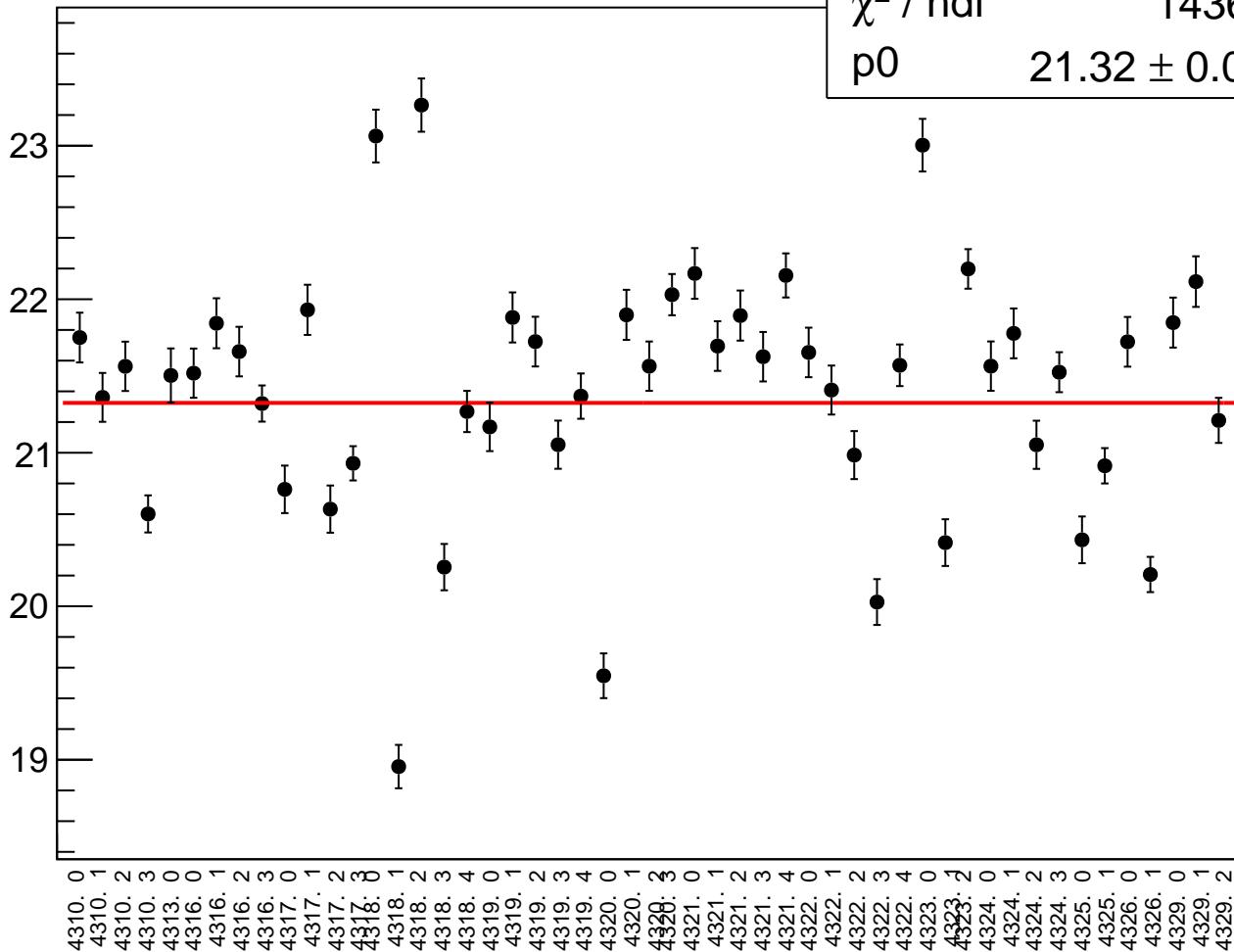
# asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_dd\_rms vs run

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

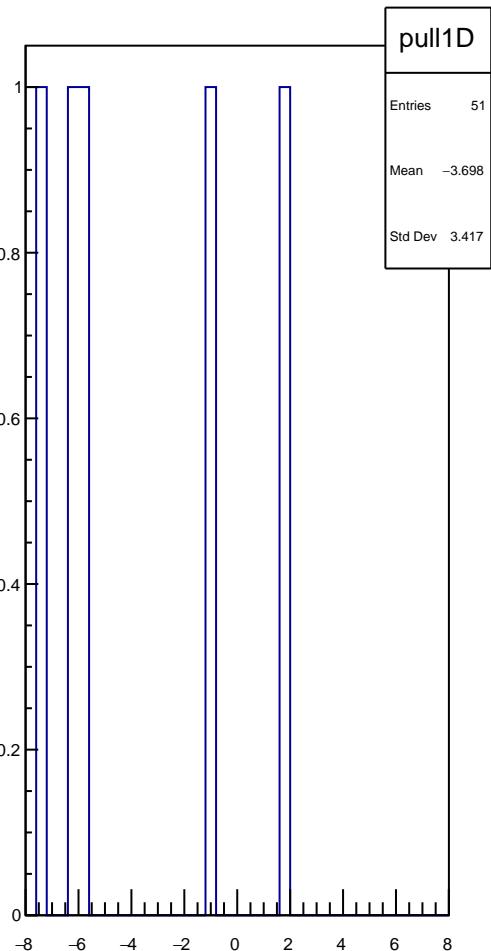
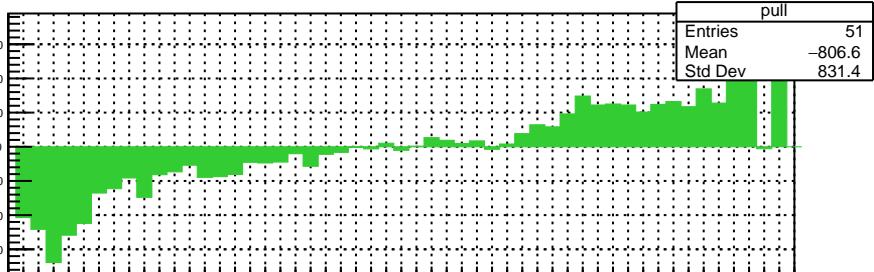
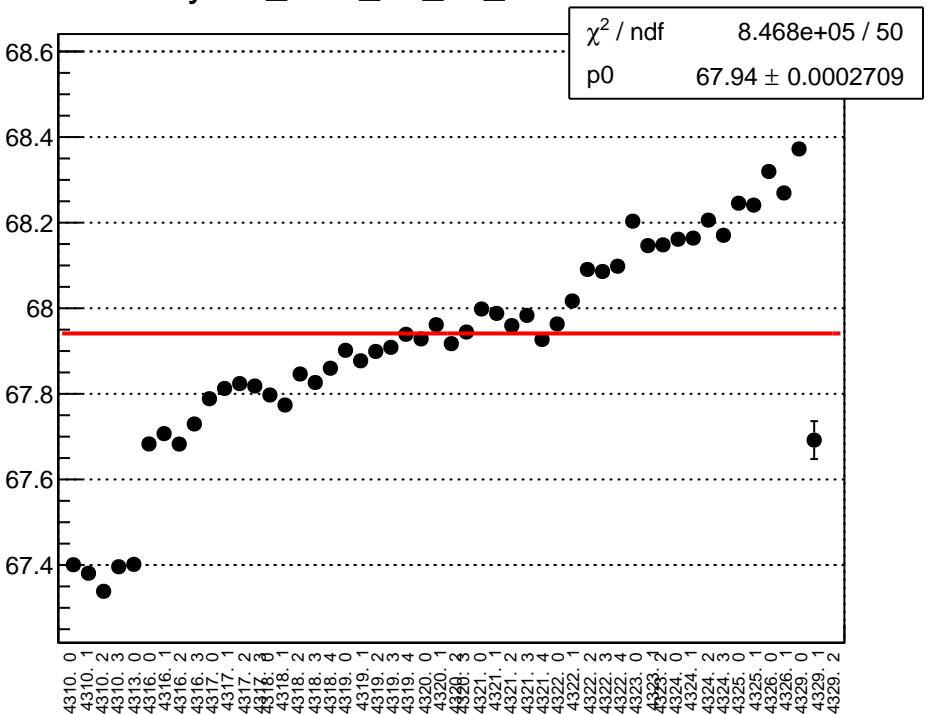
1436 / 50

p0

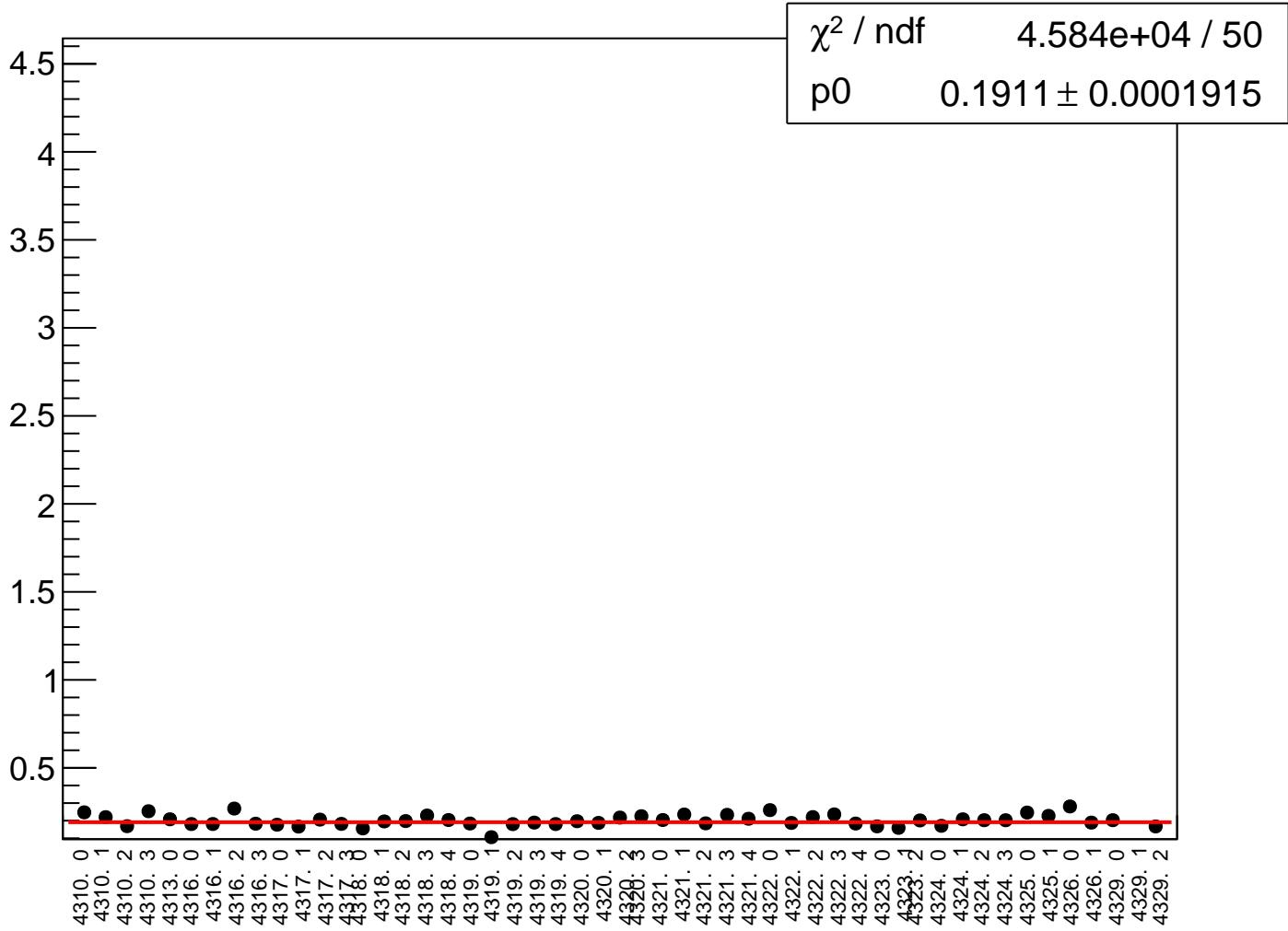
$21.32 \pm 0.02091$



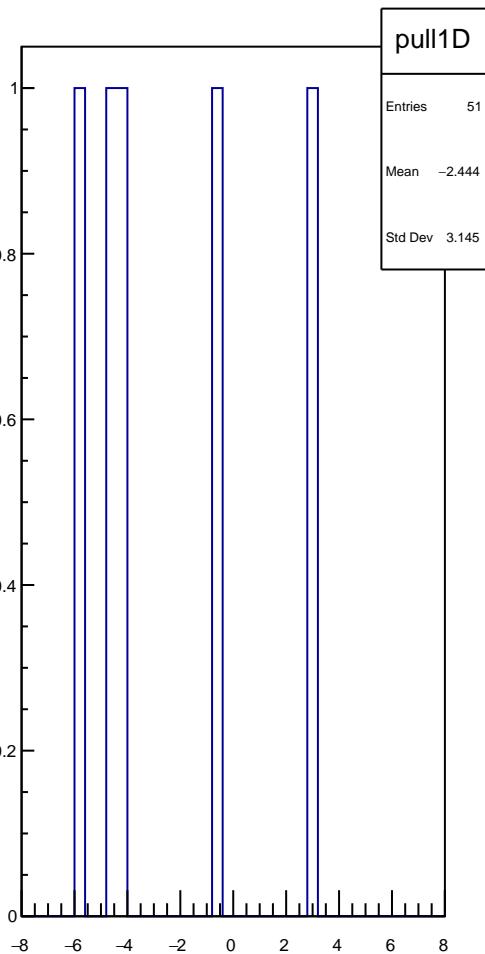
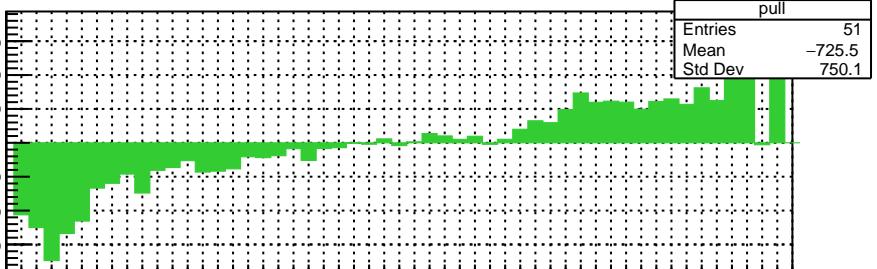
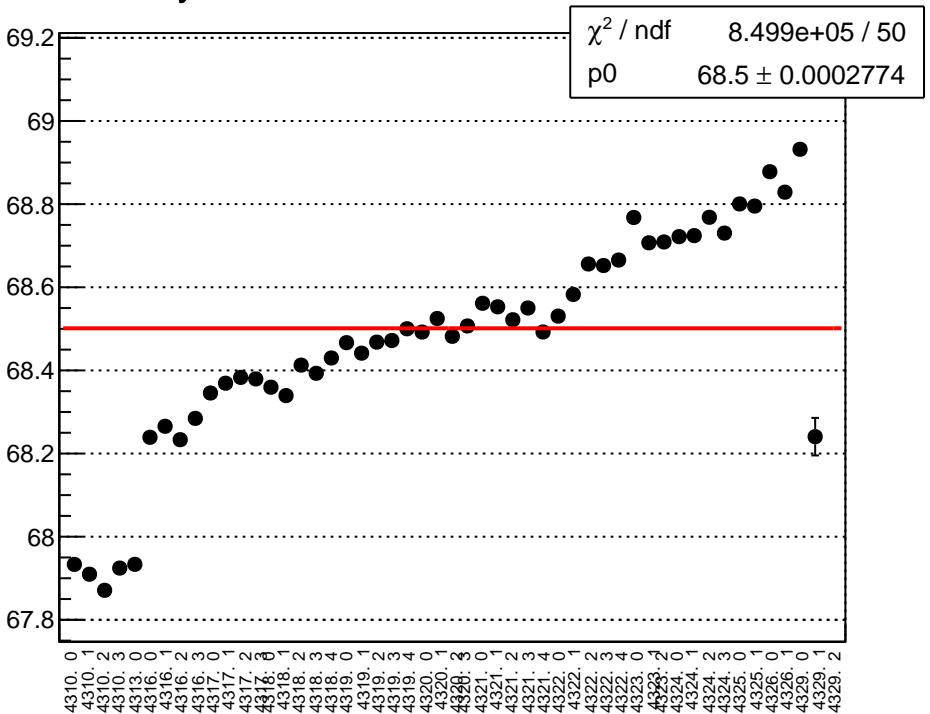
# yield\_bcm\_an\_ds\_mean vs run



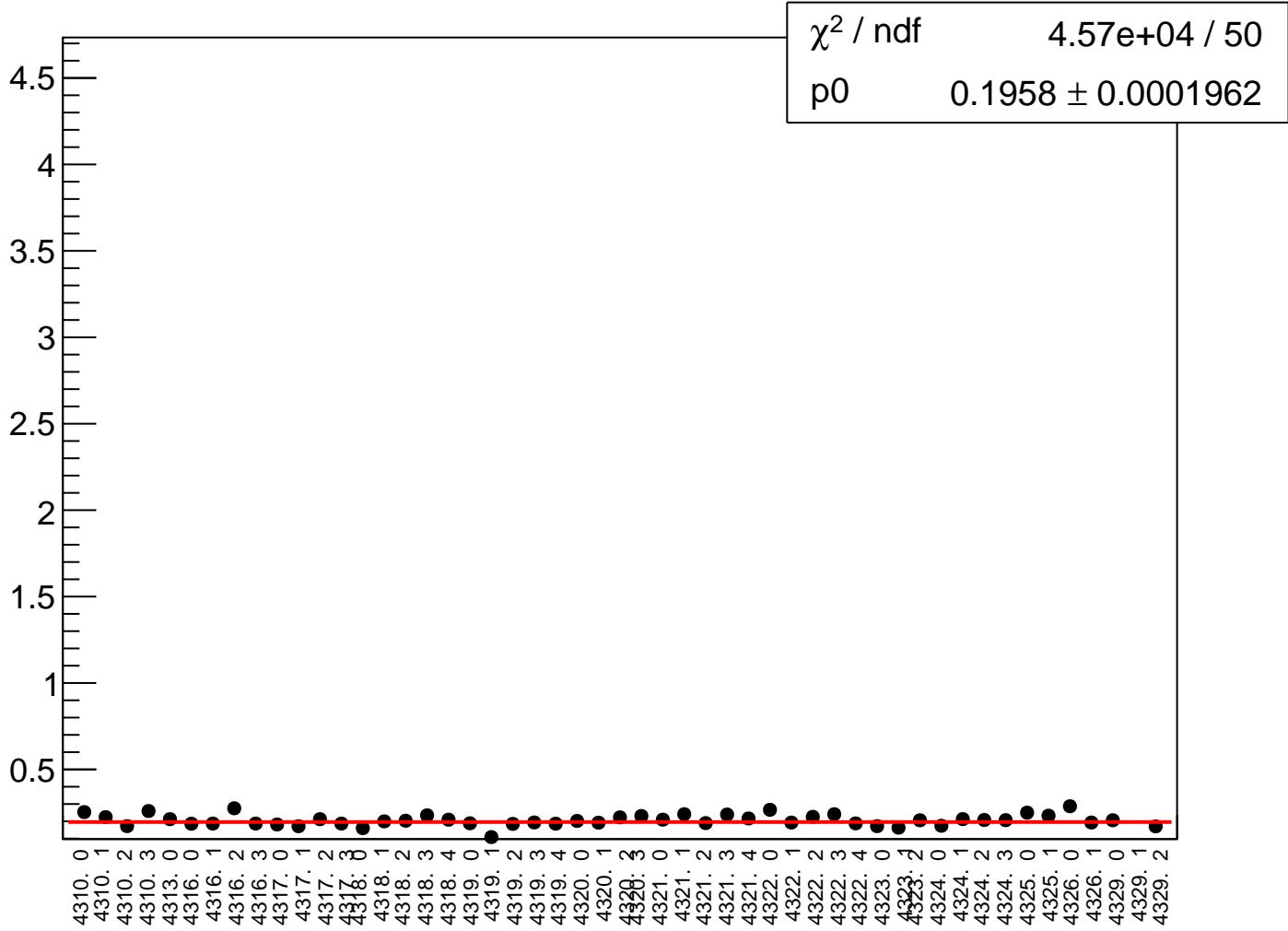
# yield\_bcm\_an\_ds\_rms vs run



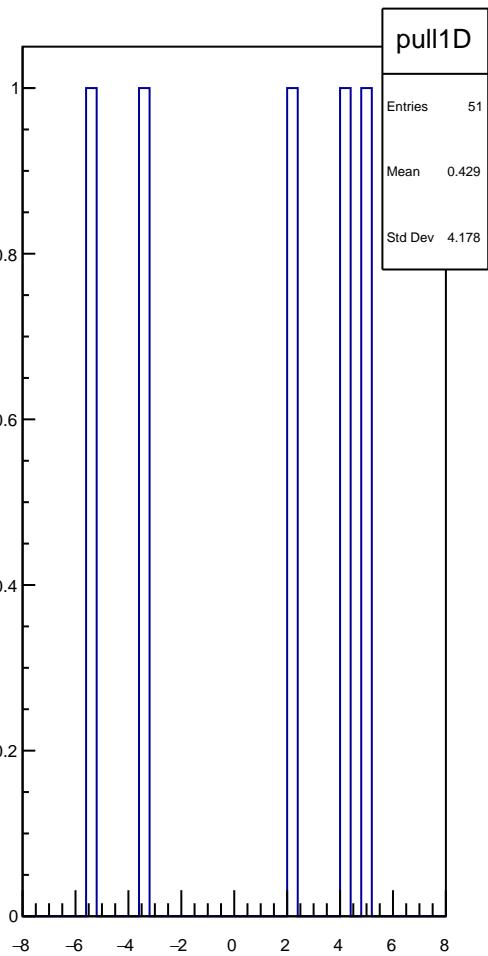
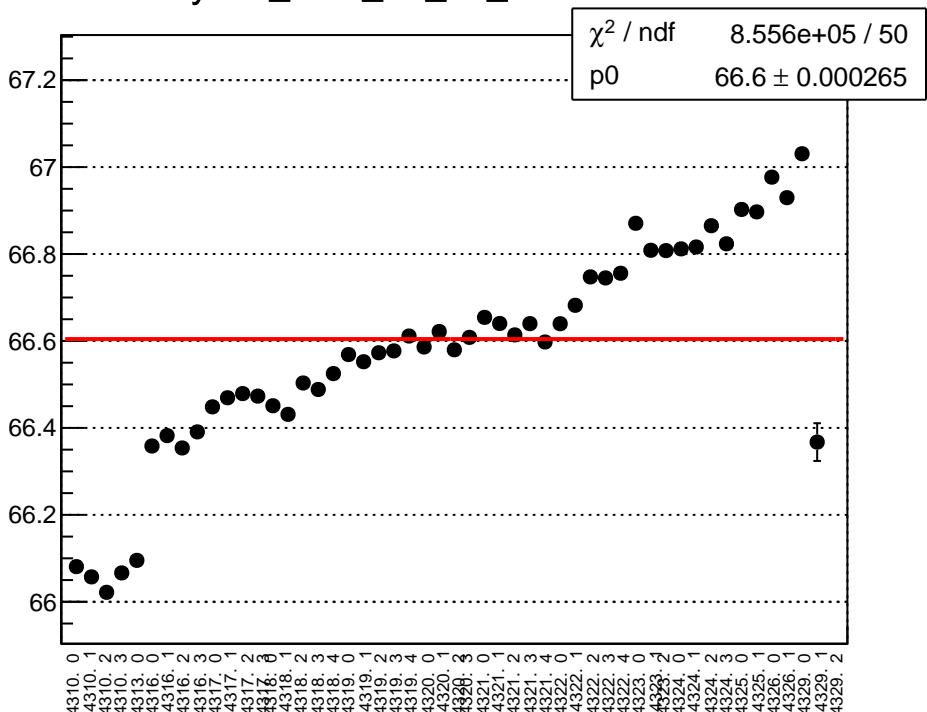
# yield\_bcm\_an\_ds3\_mean vs run



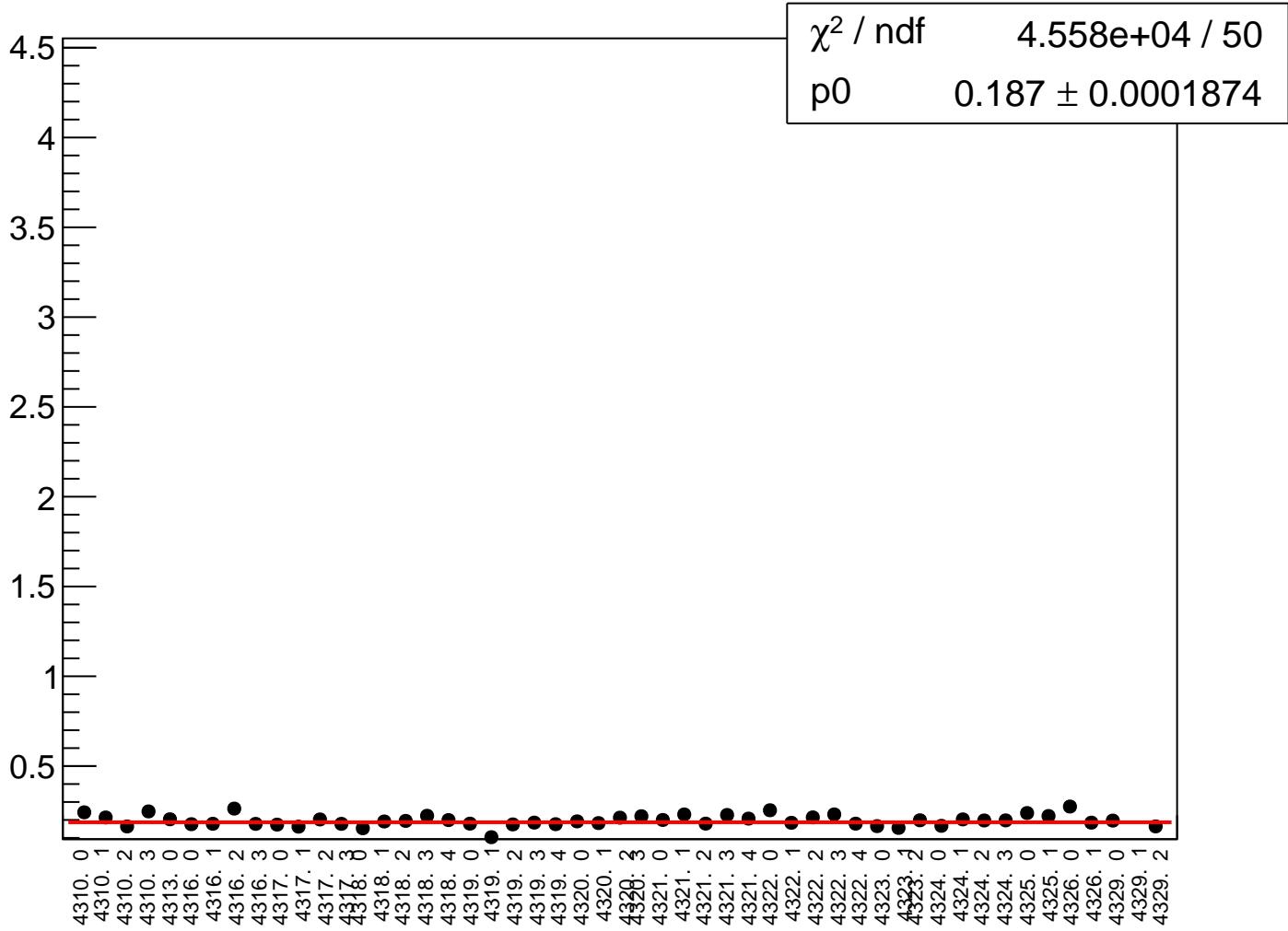
# yield\_bcm\_an\_ds3\_rms vs run



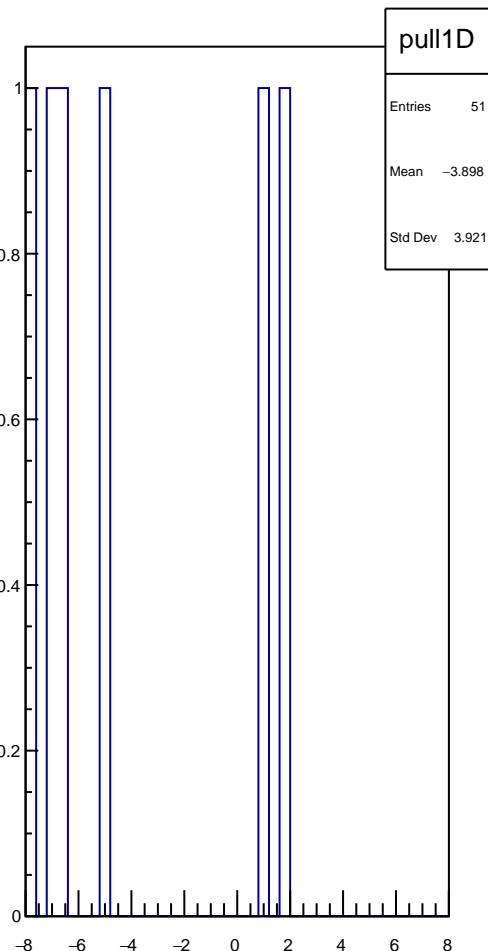
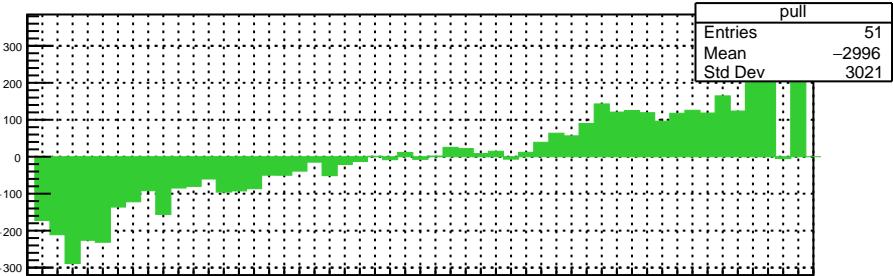
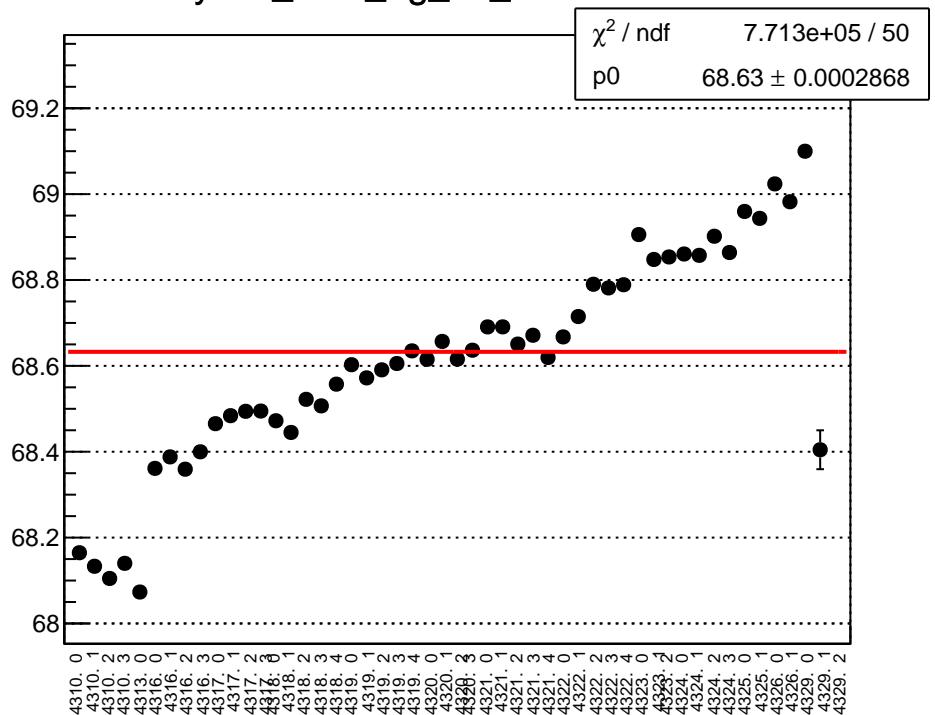
# yield\_bcm\_an\_us\_mean vs run



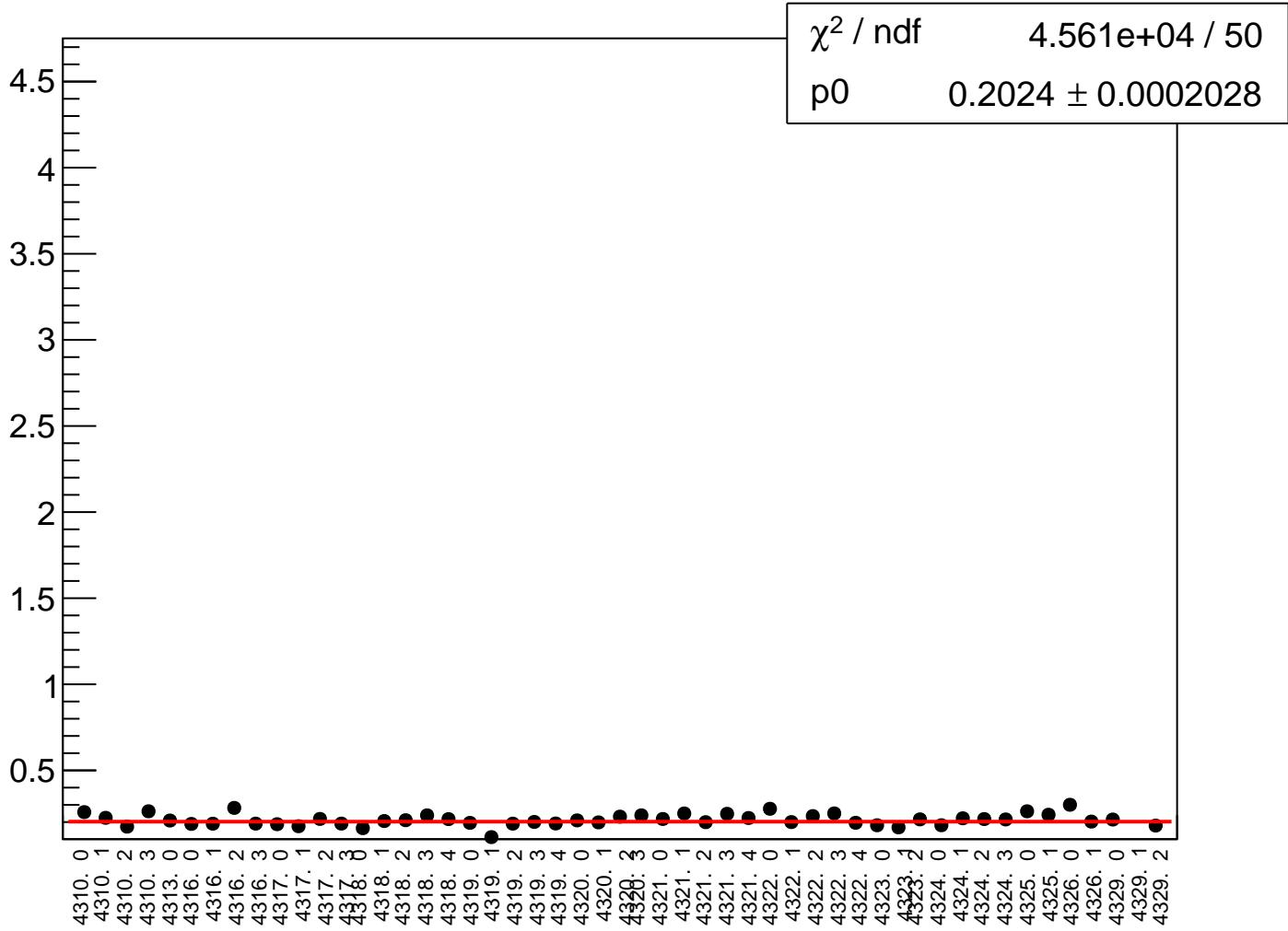
# yield\_bcm\_an\_us\_rms vs run



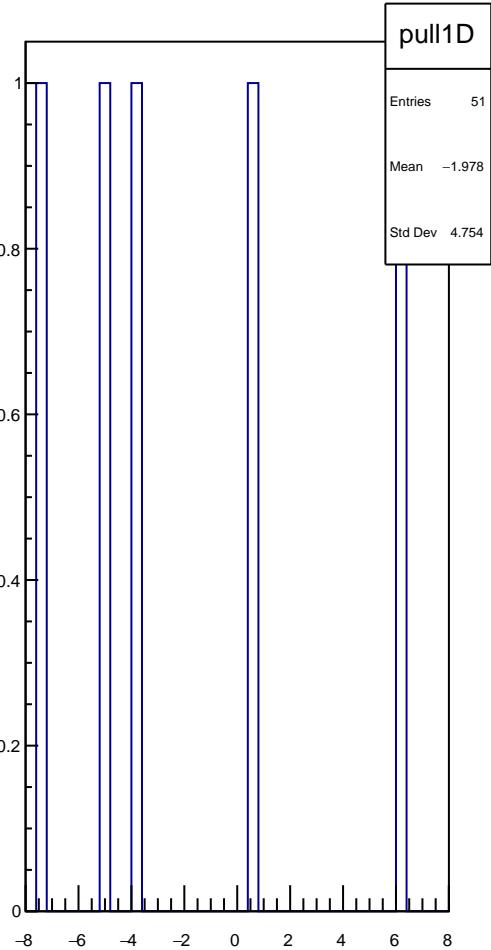
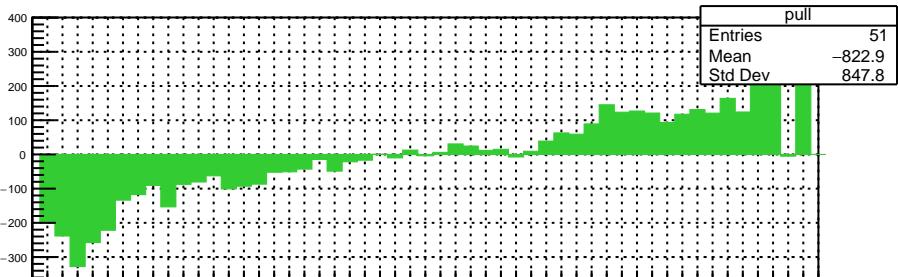
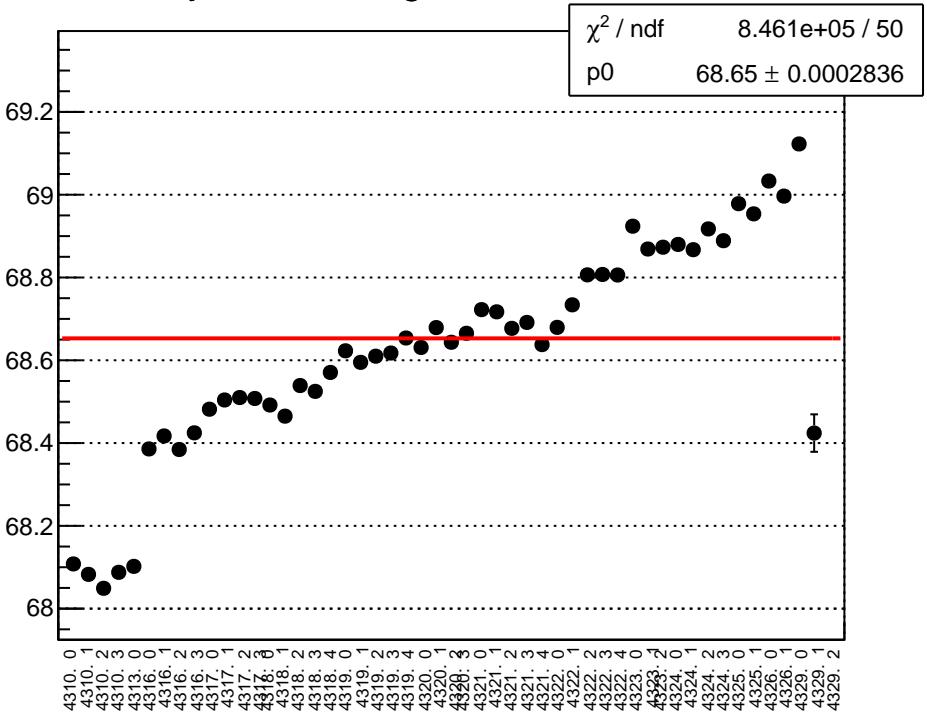
# yield\_bcm\_dg\_us\_mean vs run



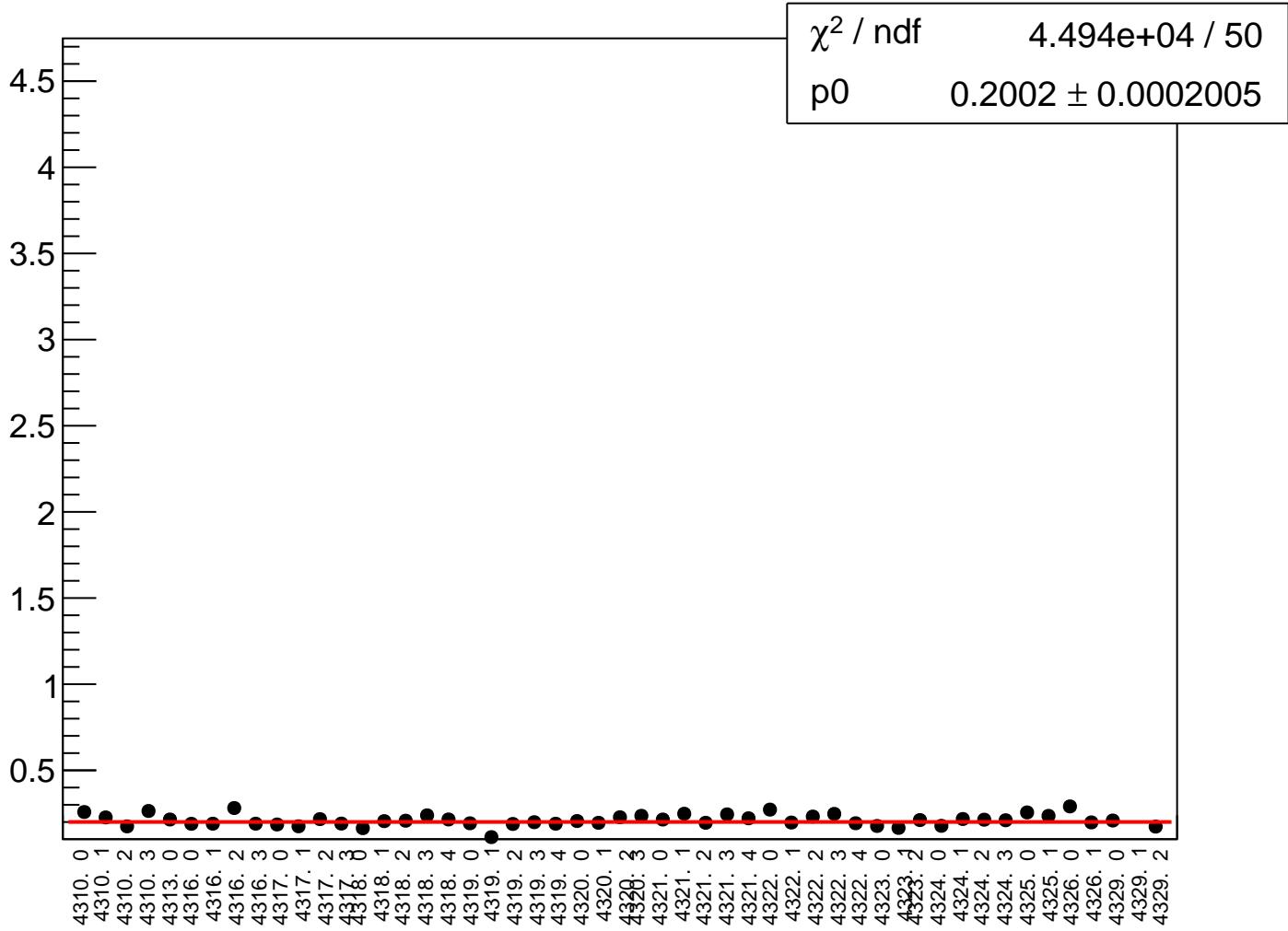
# yield\_bcm\_dg\_us\_rms vs run



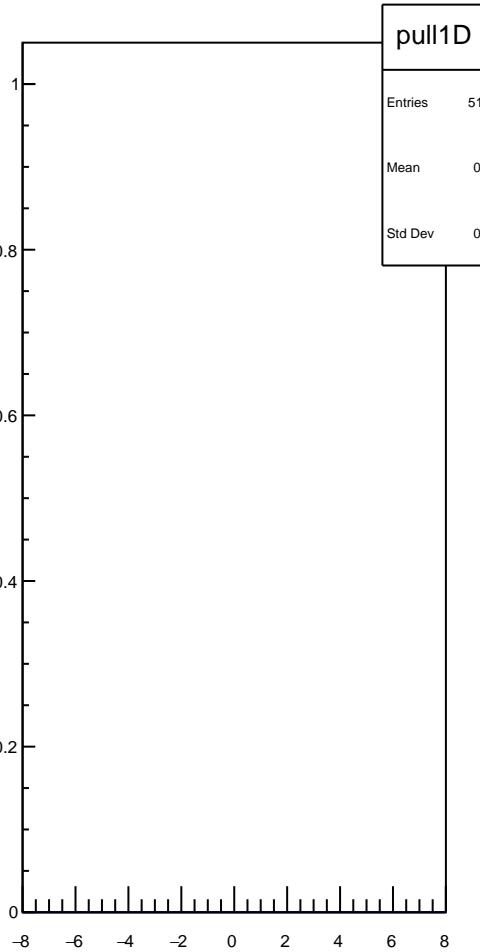
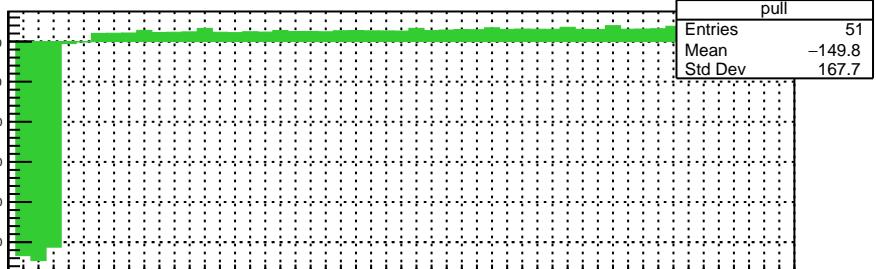
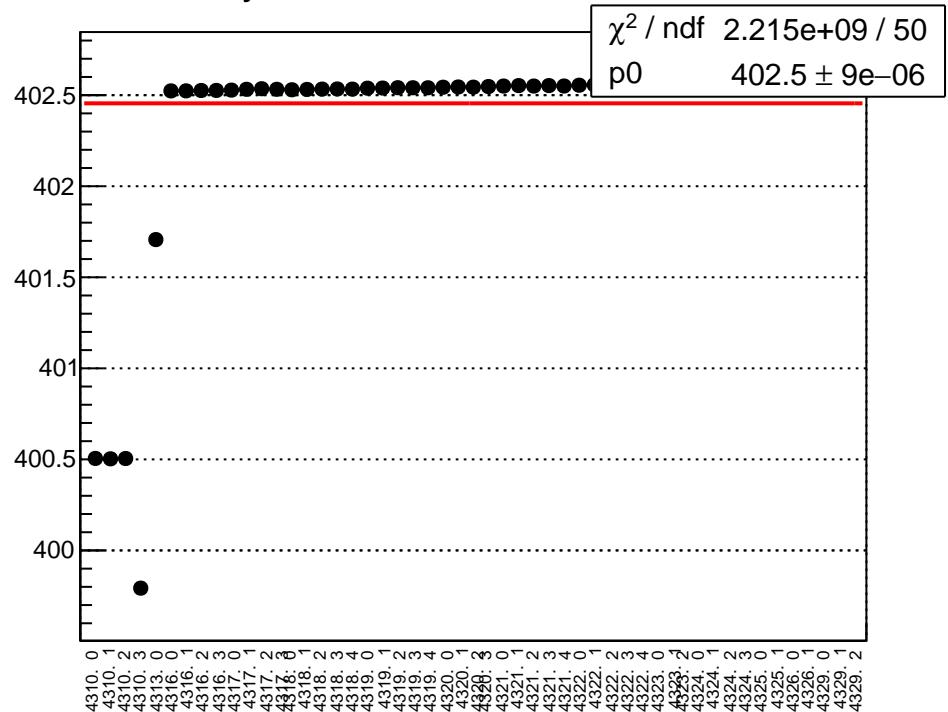
# yield\_bcm\_dg\_ds\_mean vs run



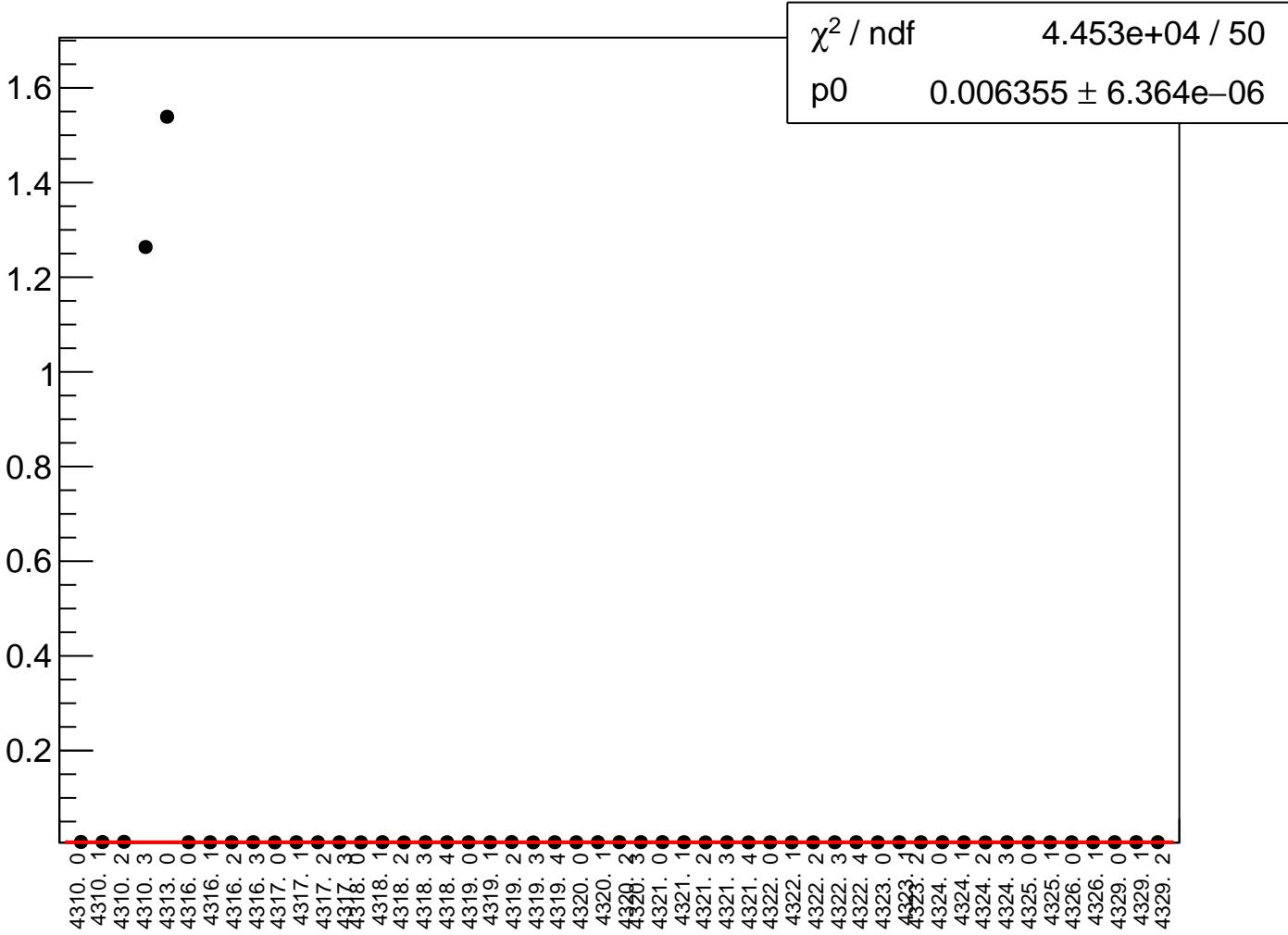
# yield\_bcm\_dg\_ds\_rms vs run



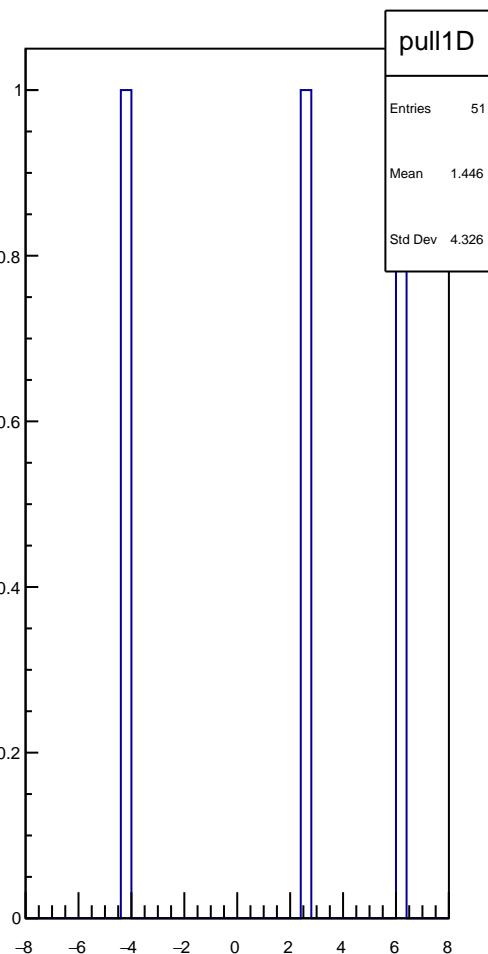
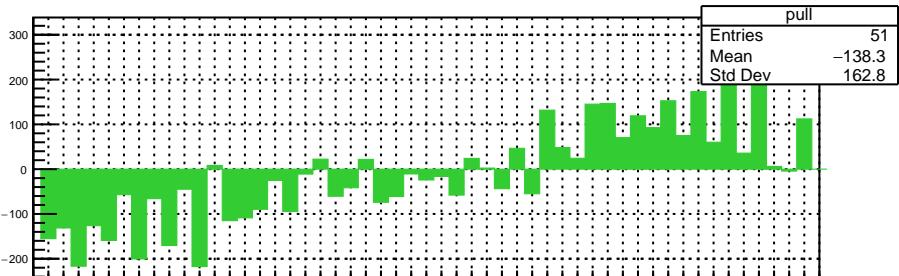
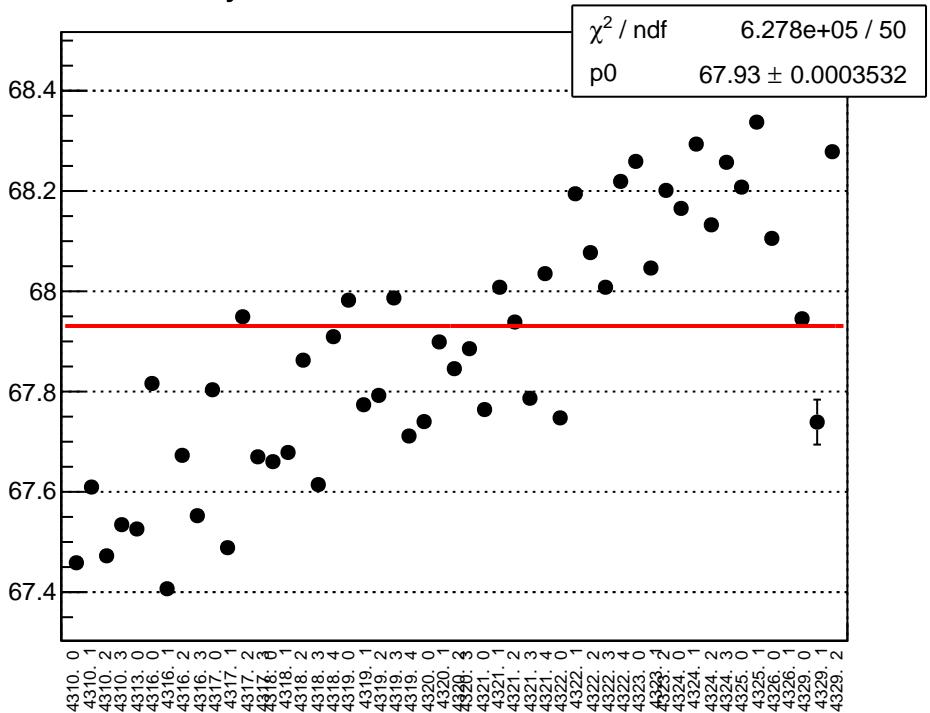
# yield\_cav4bQ\_mean vs run



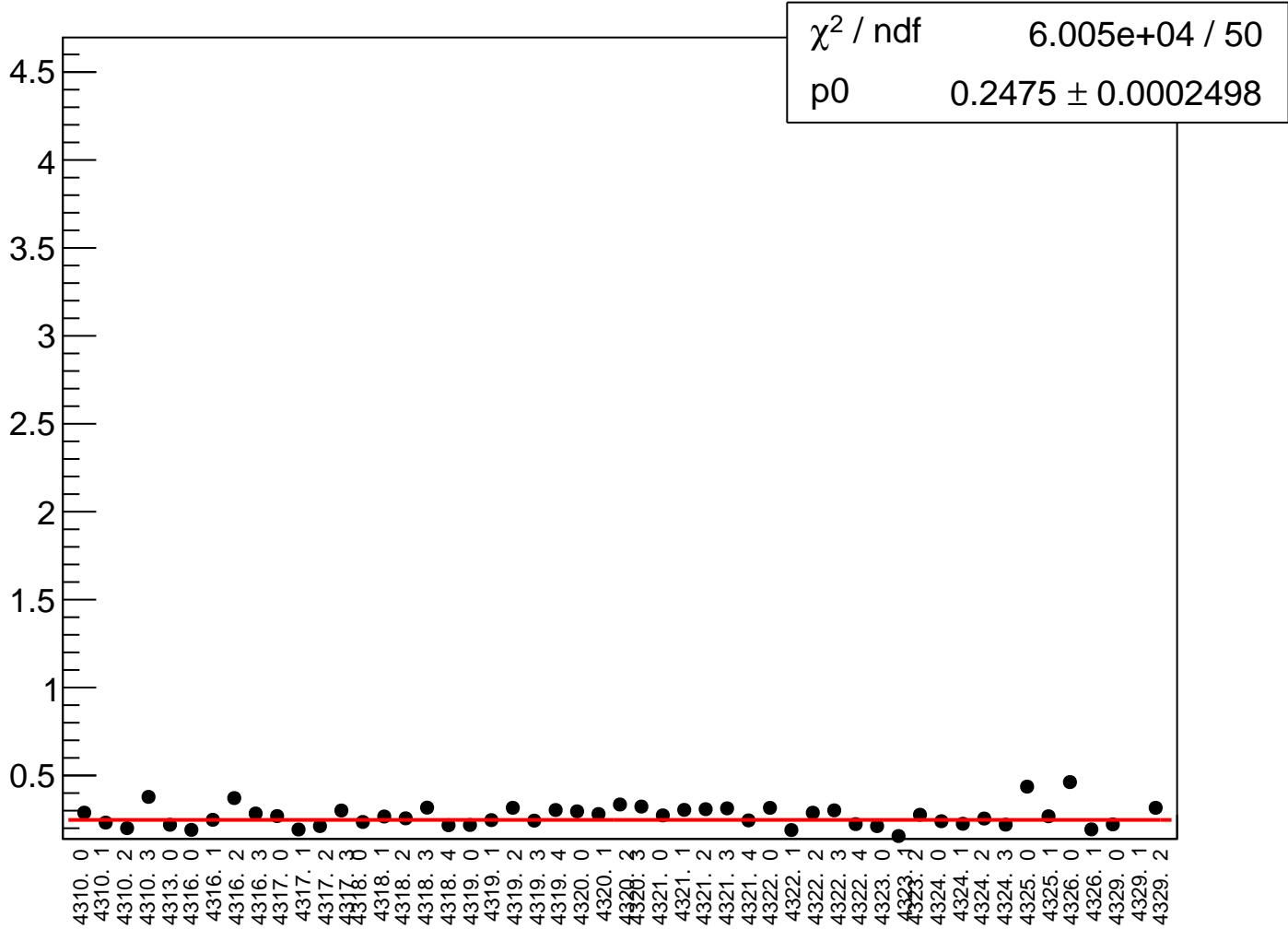
# yield\_cav4bQ\_rms vs run



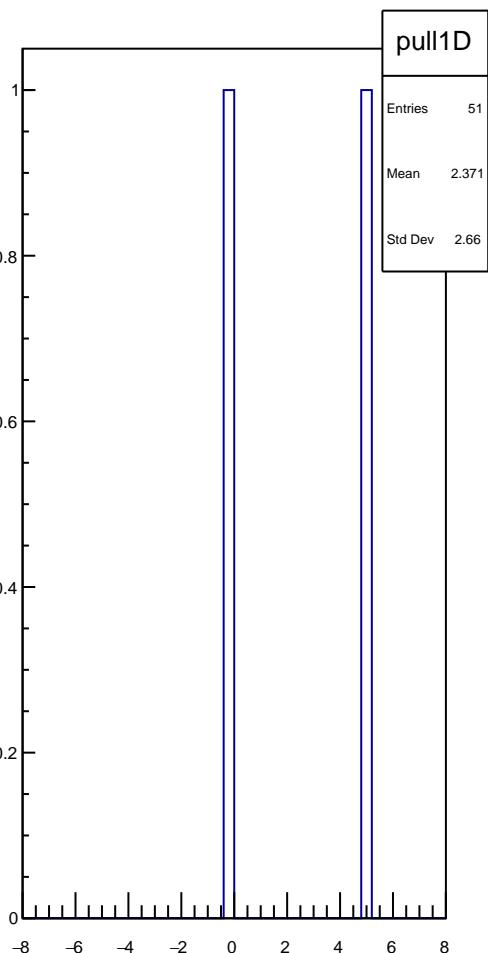
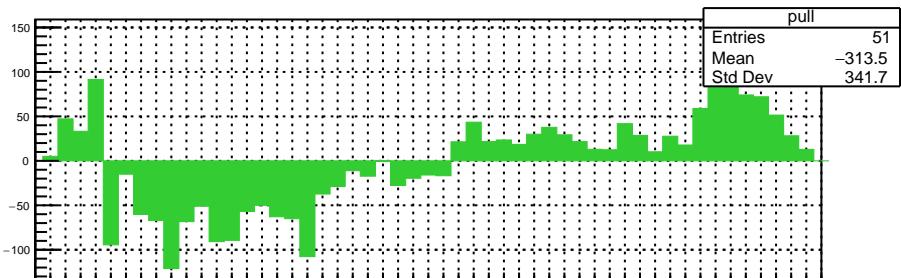
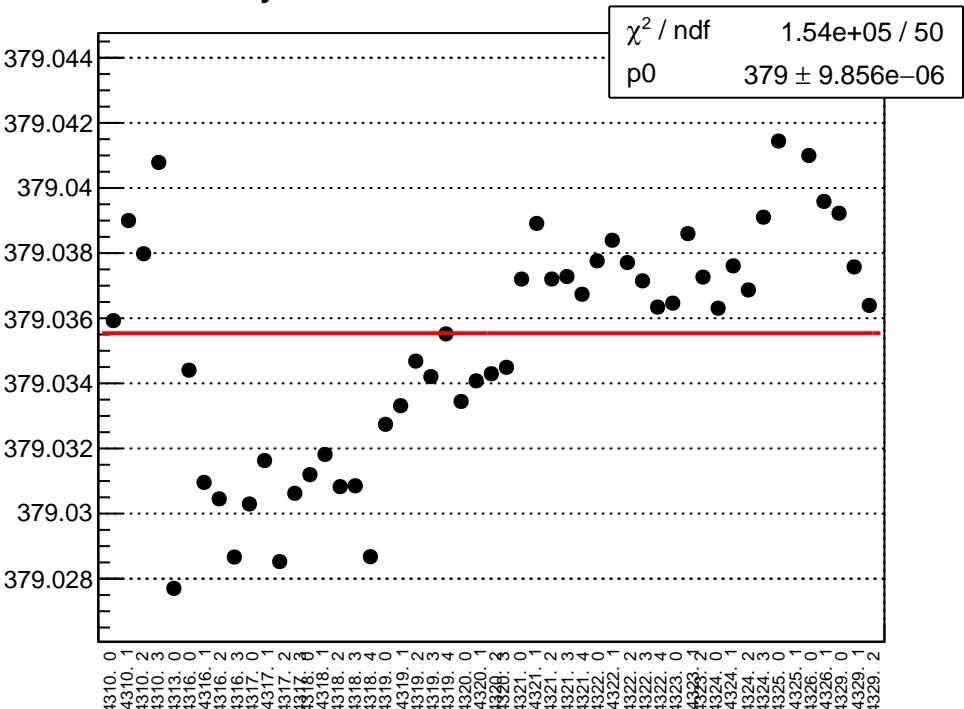
# yield\_cav4cQ\_mean vs run



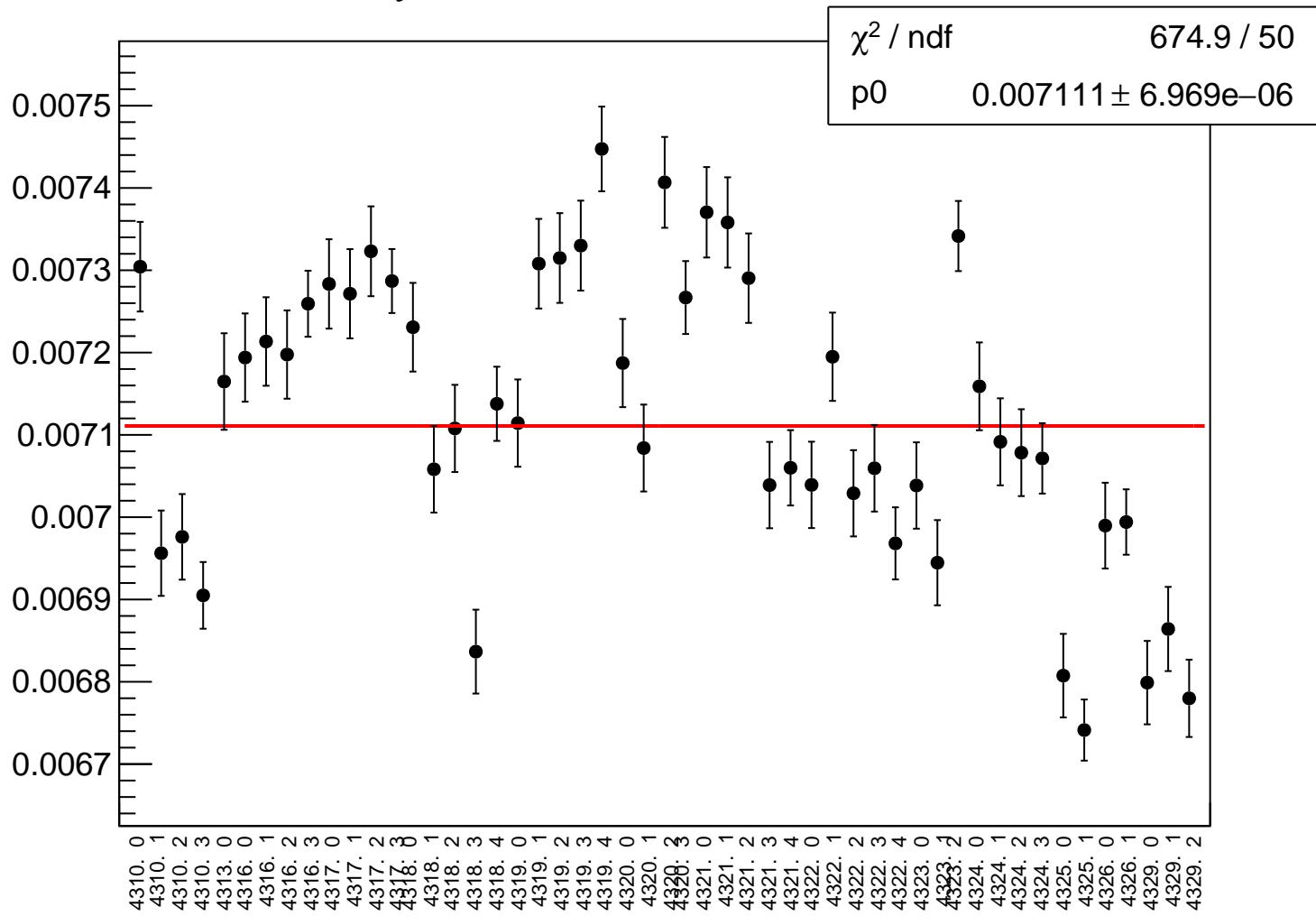
# yield\_cav4cQ\_rms vs run



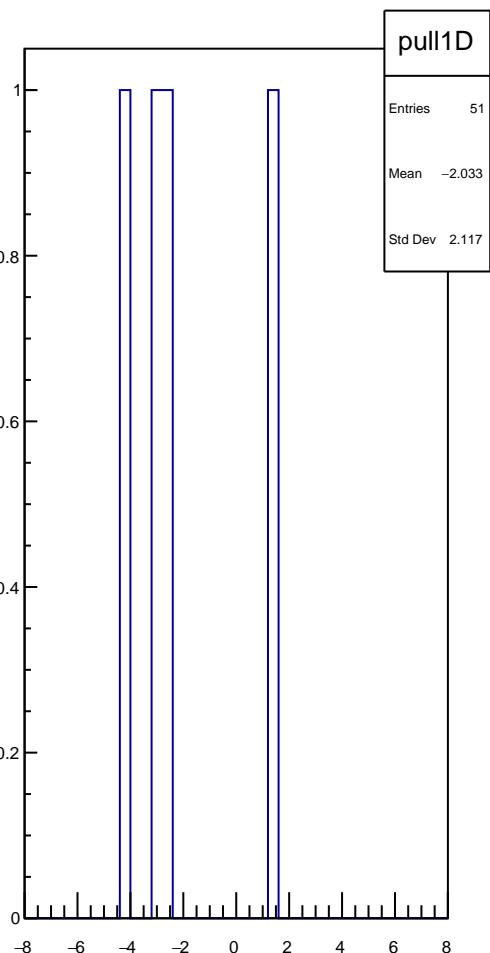
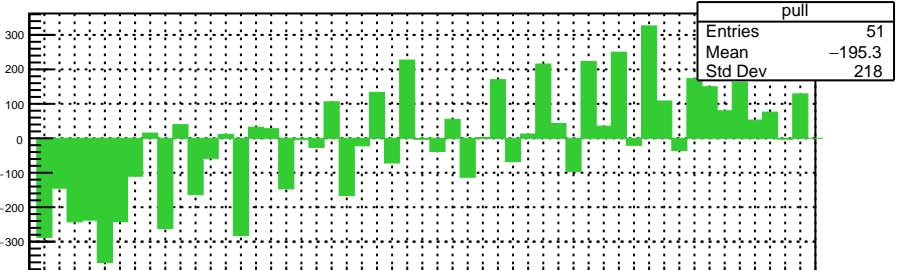
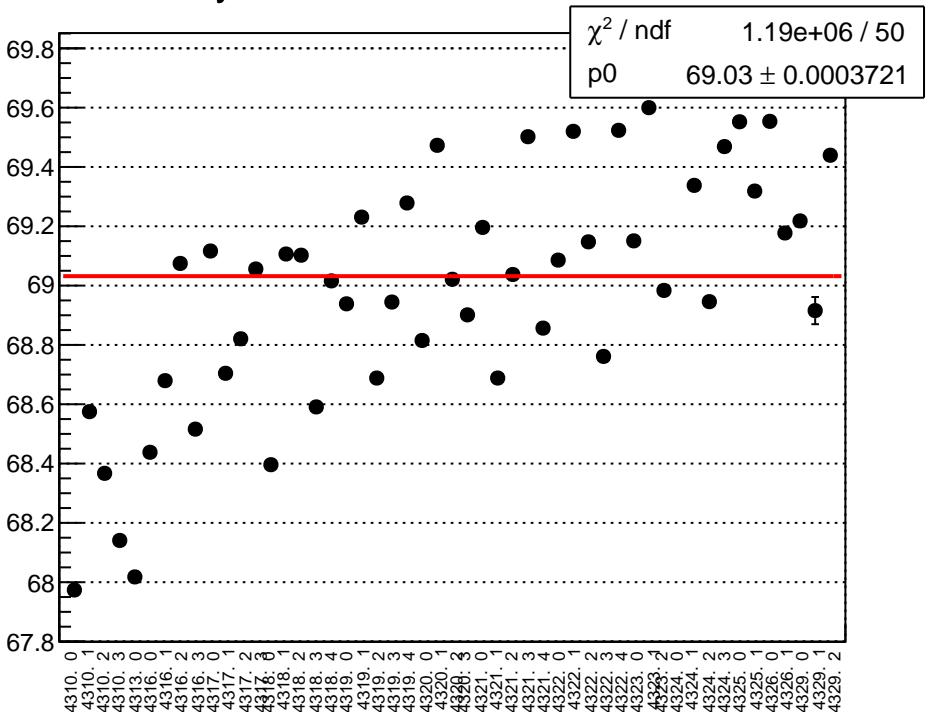
# yield\_cav4dQ\_mean vs run



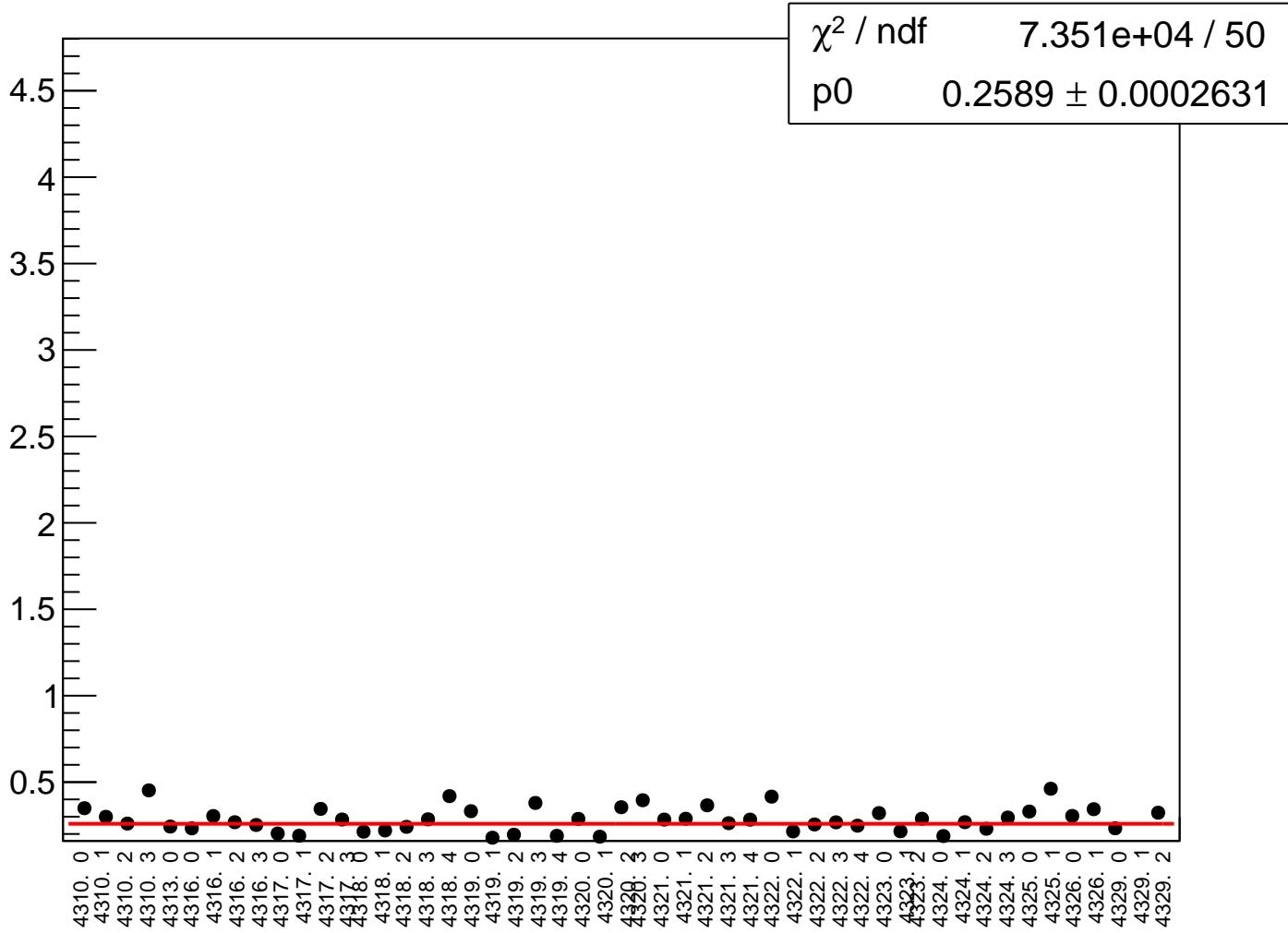
# yield\_cav4dQ\_rms vs run



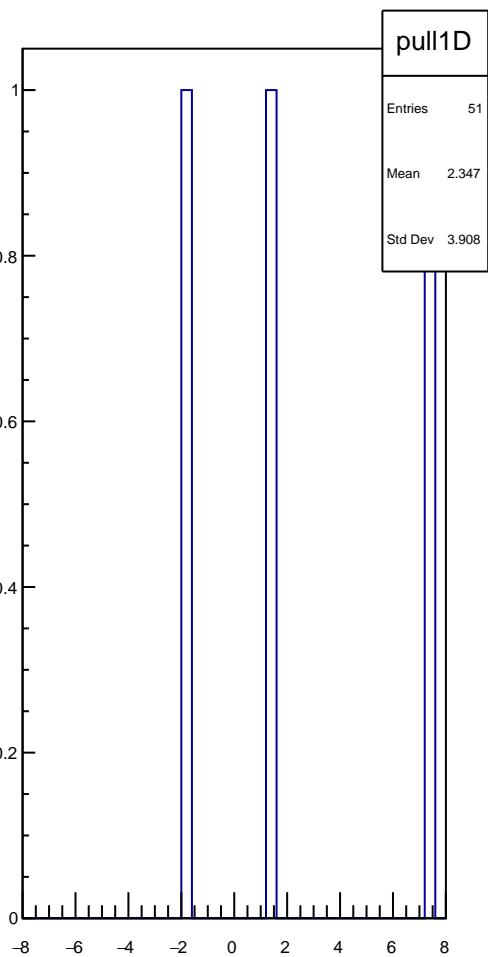
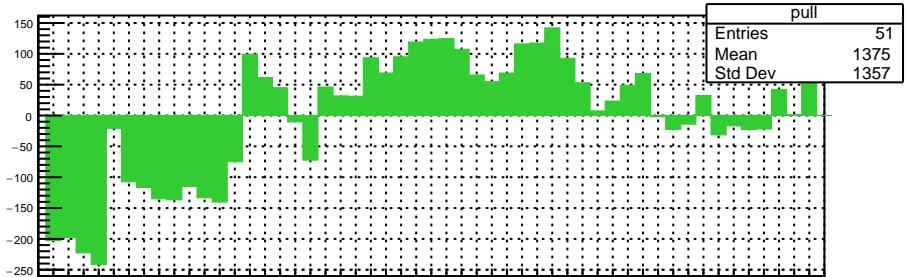
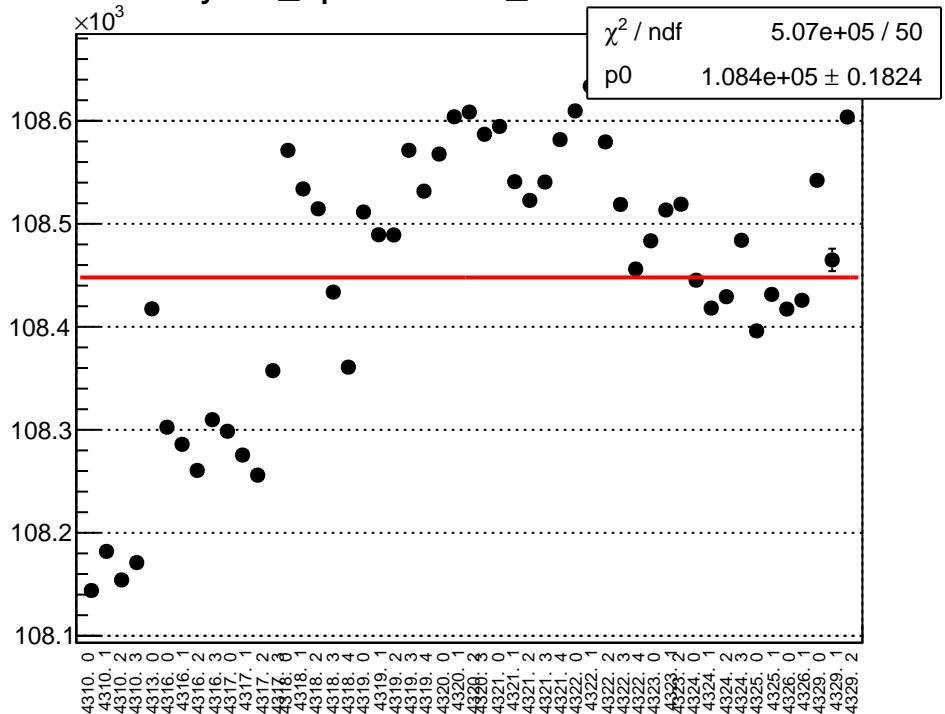
# yield\_bcm0l02\_mean vs run



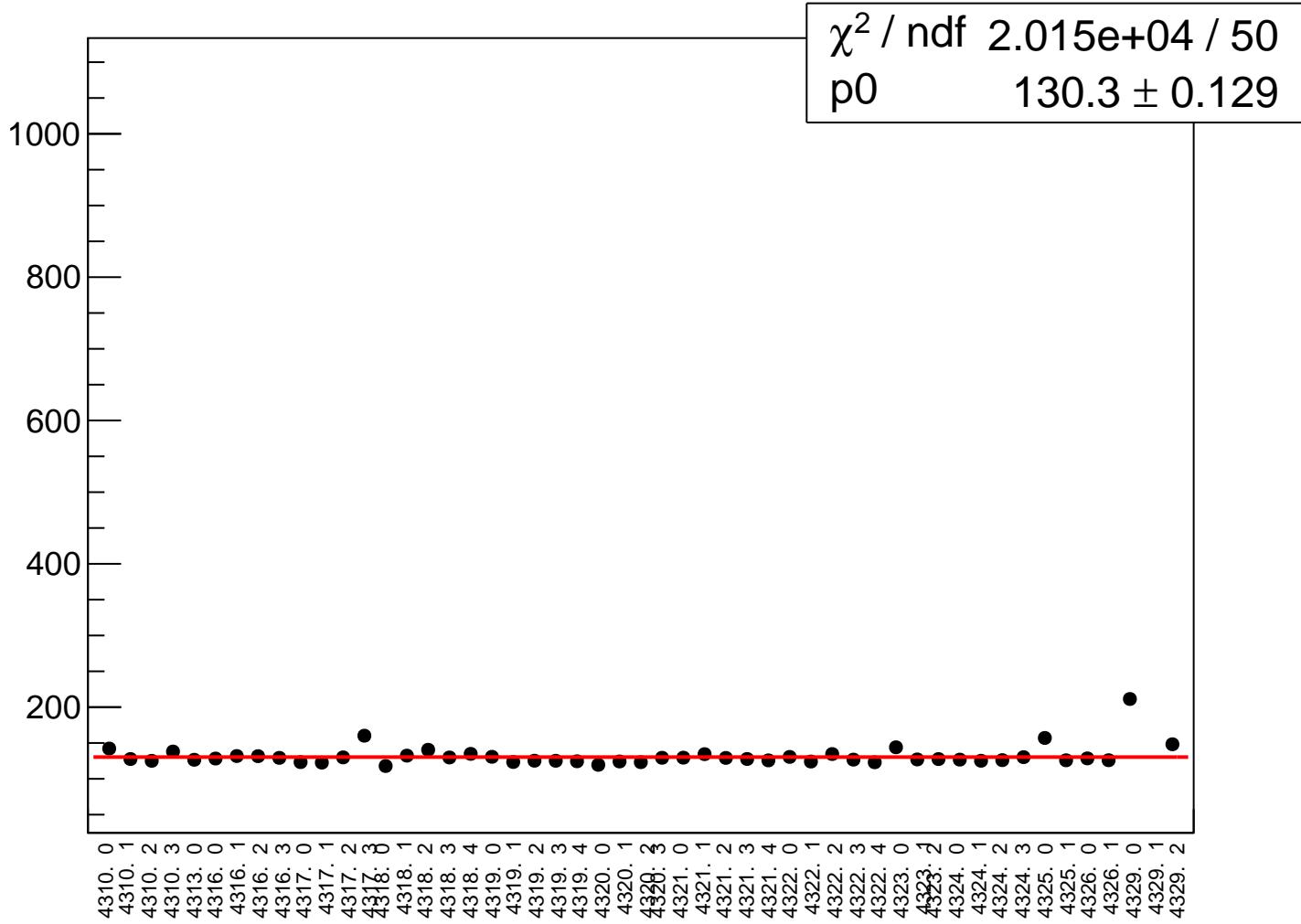
# yield\_bcm0l02\_rms vs run



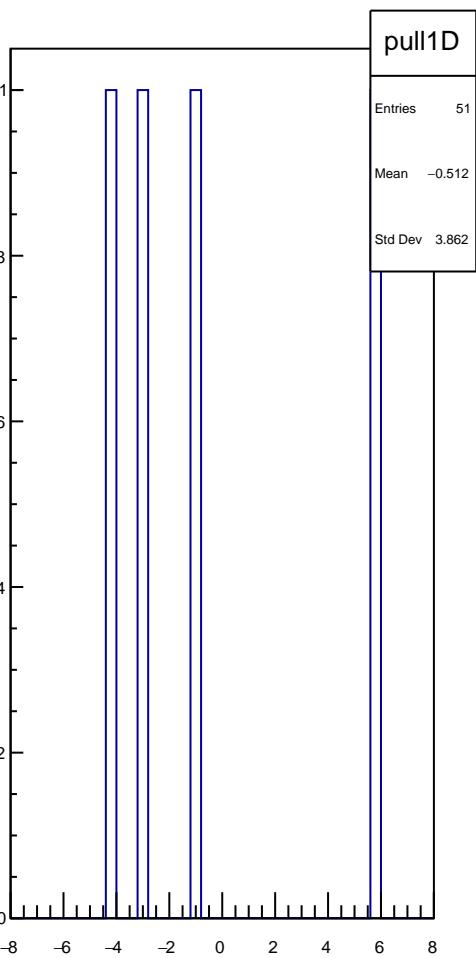
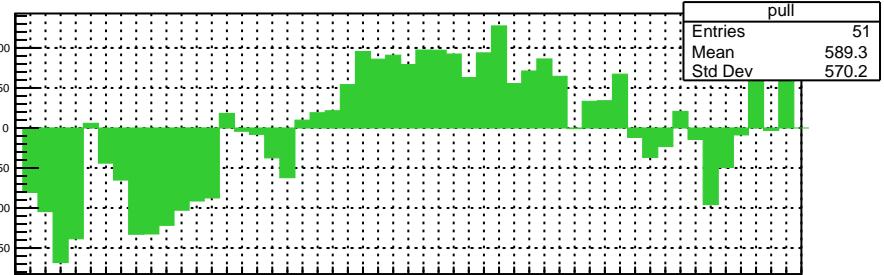
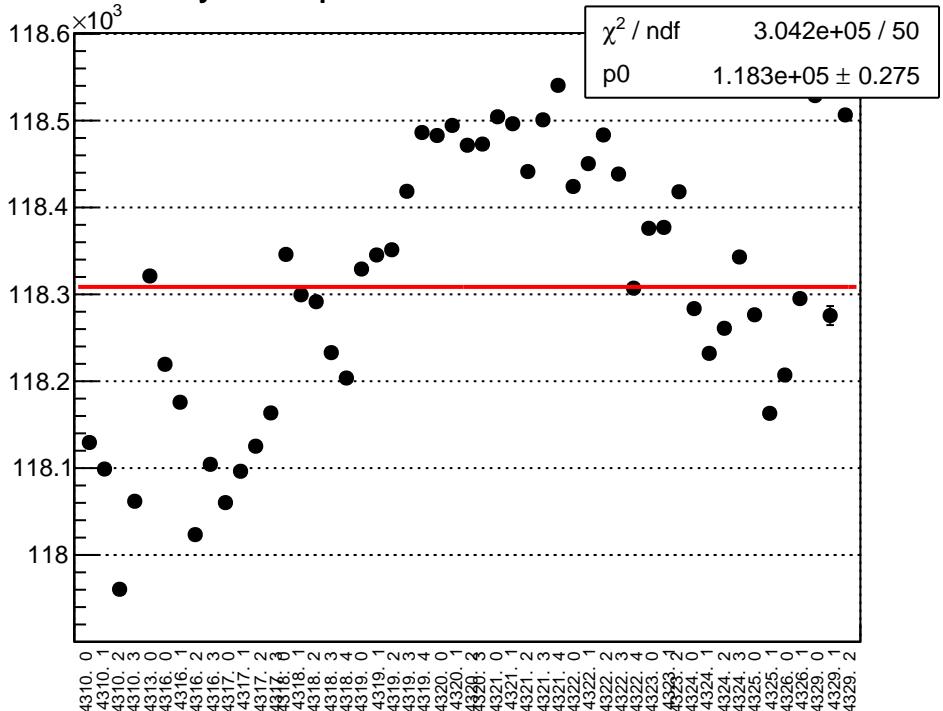
# yield\_bpm2i01WS\_mean vs run



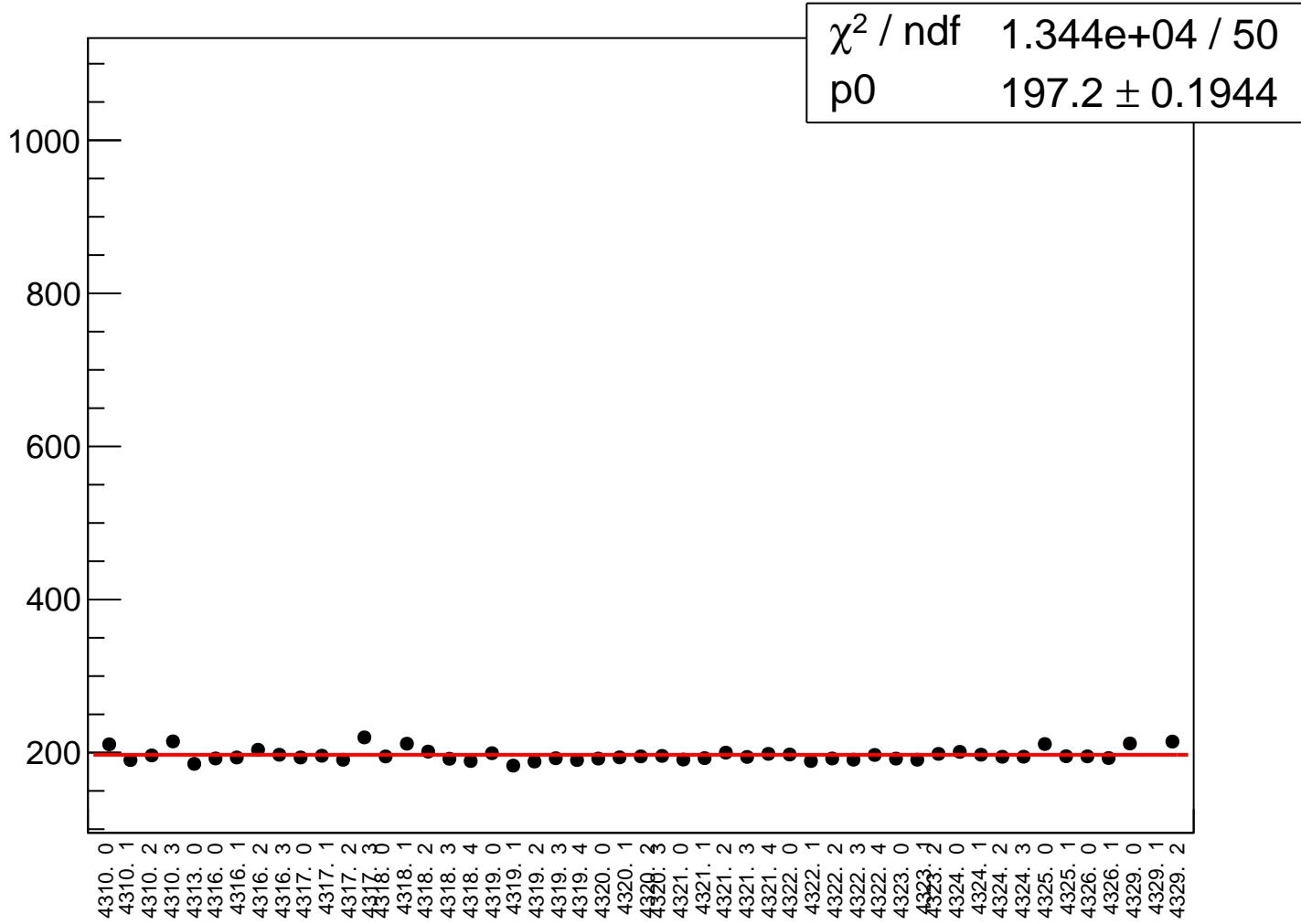
# yield\_bpm2i01WS\_rms vs run



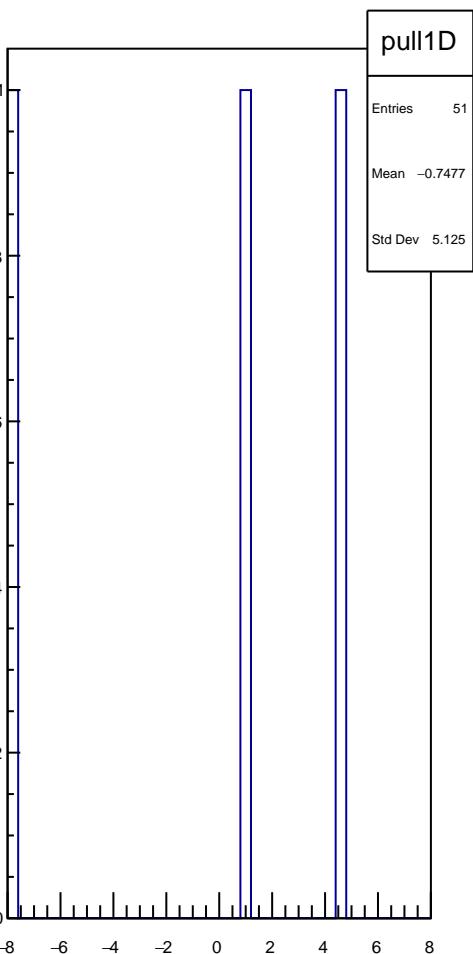
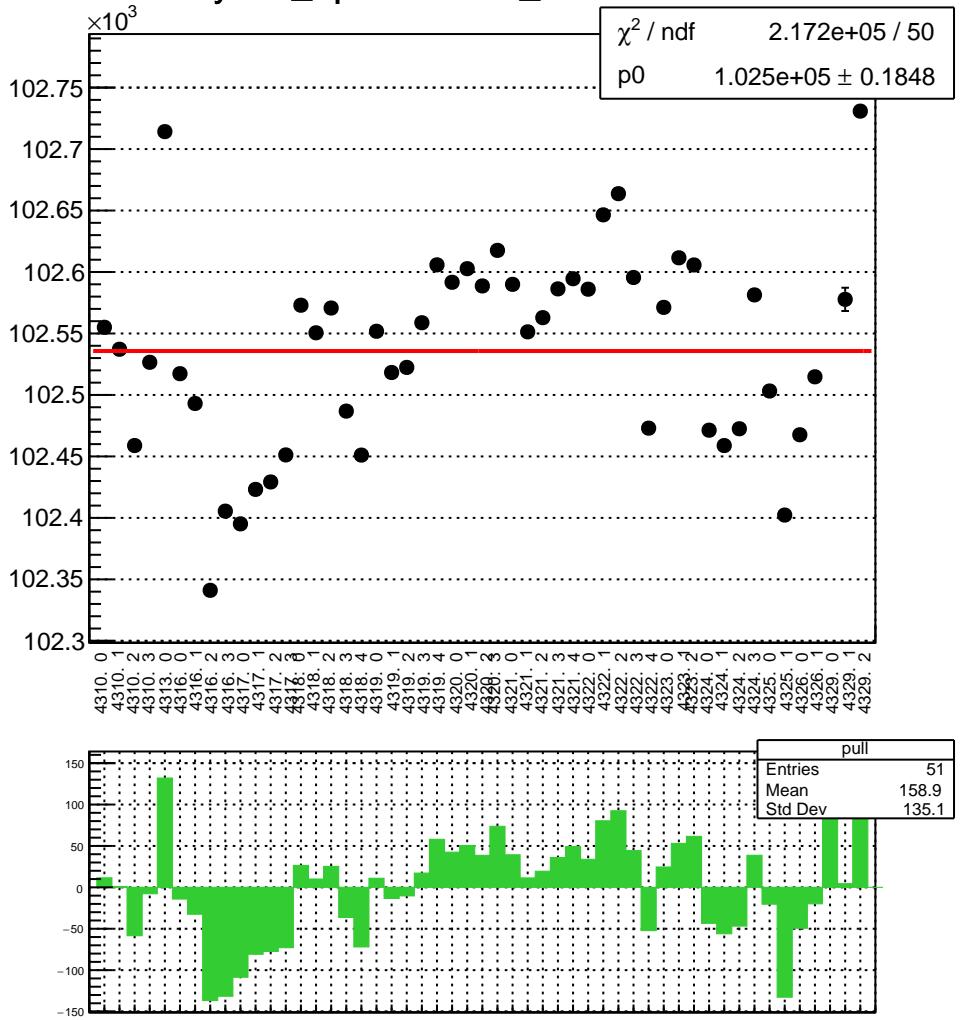
# yield\_bpm0i07WS\_mean vs run



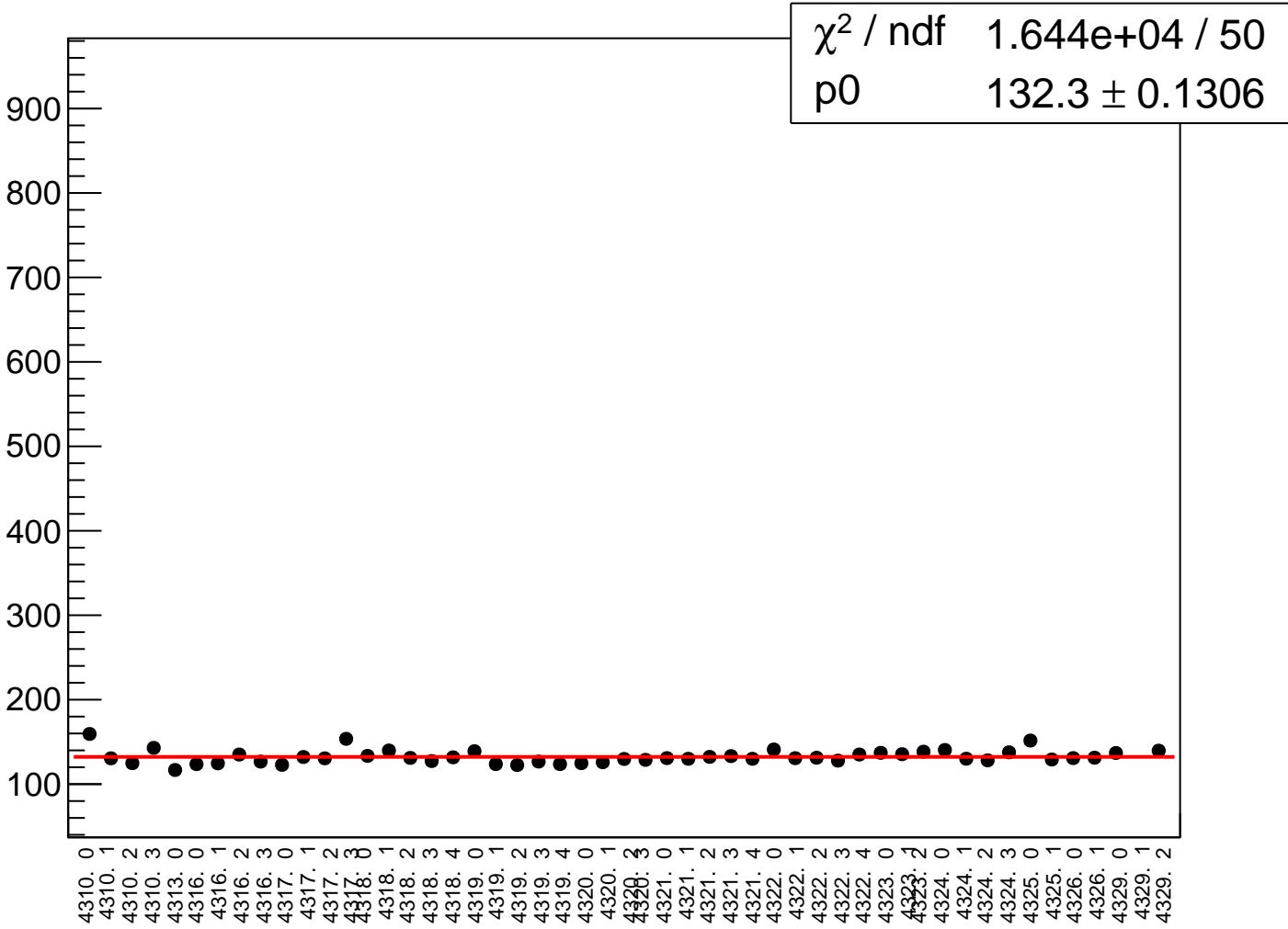
# yield\_bpm0i07WS\_rms vs run



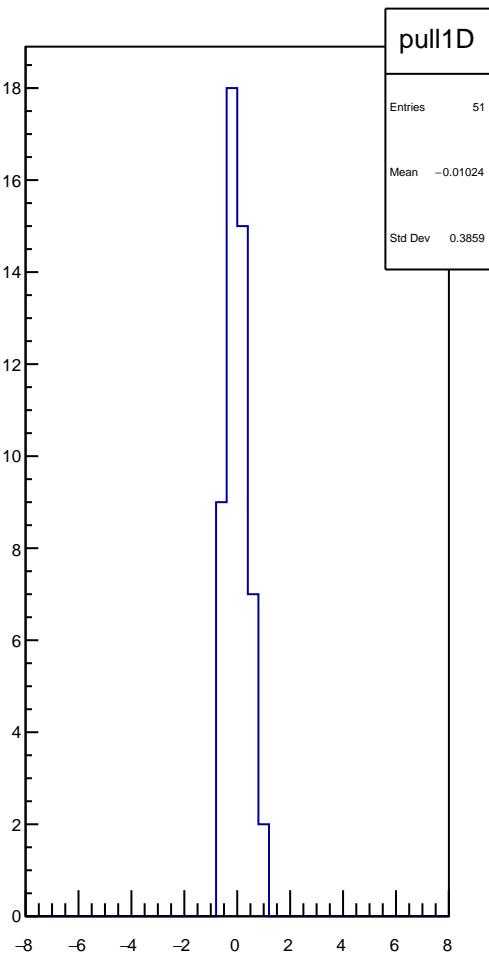
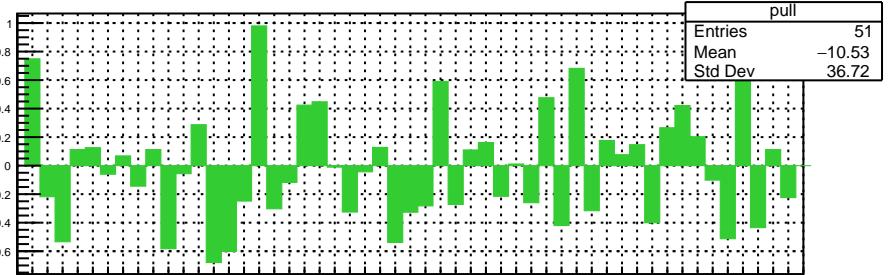
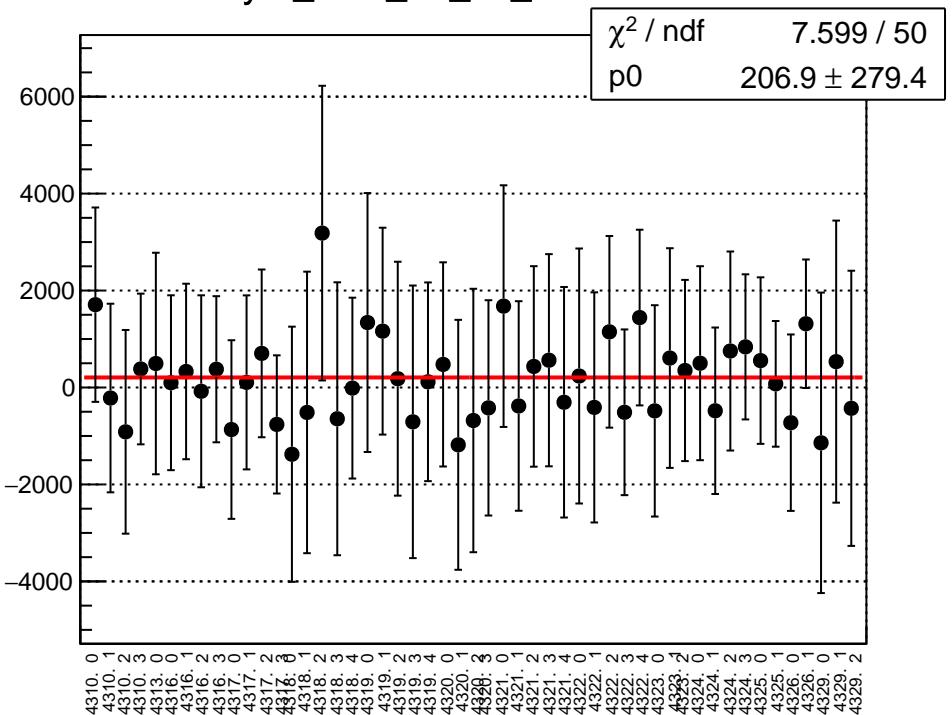
# yield\_bpm0l01WS\_mean vs run



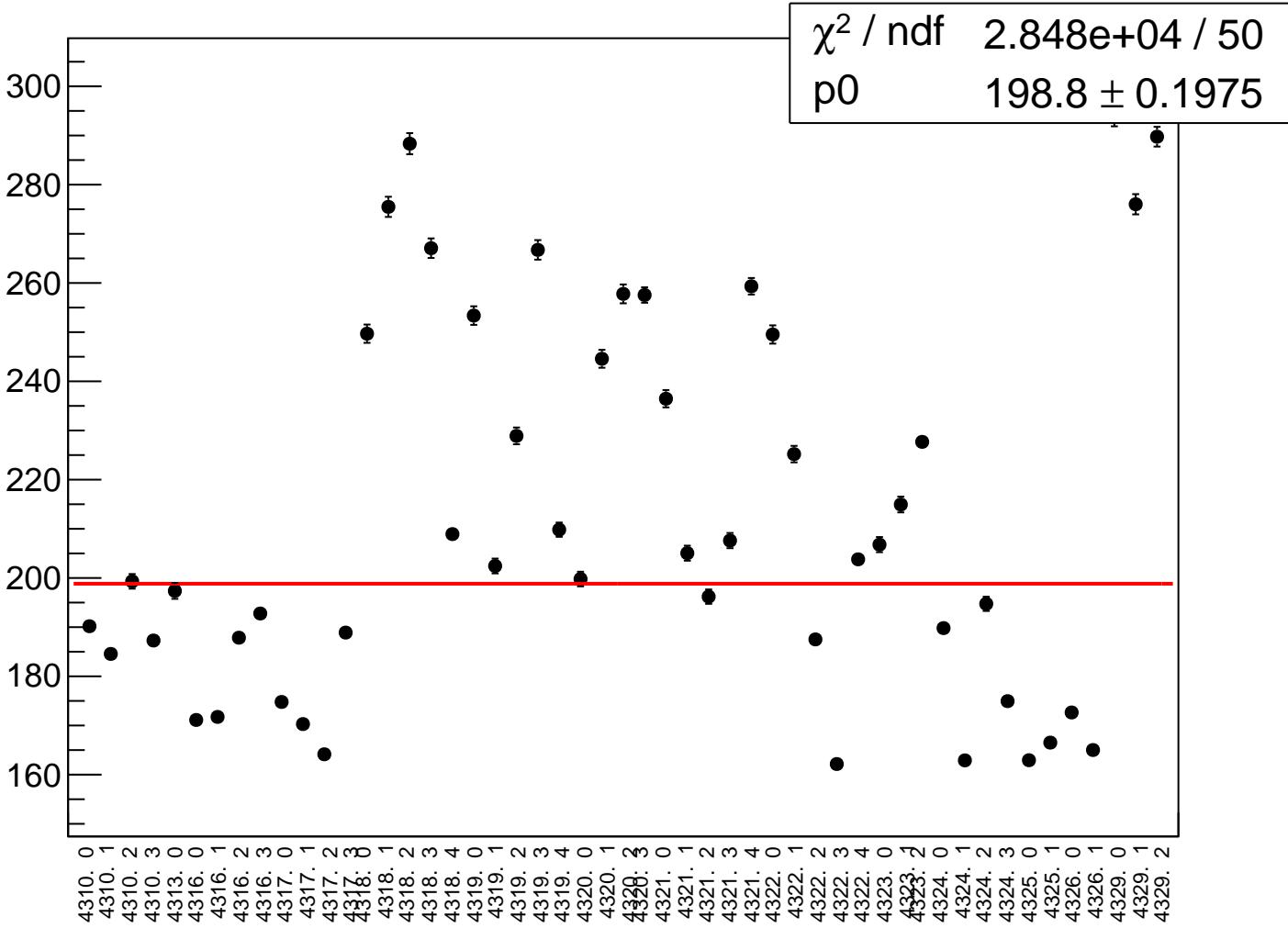
# yield\_bpm0l01WS\_rms vs run



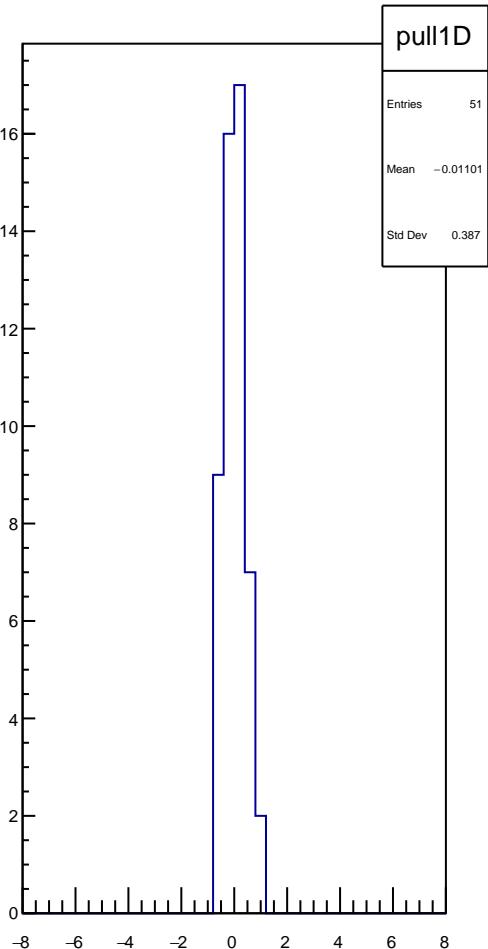
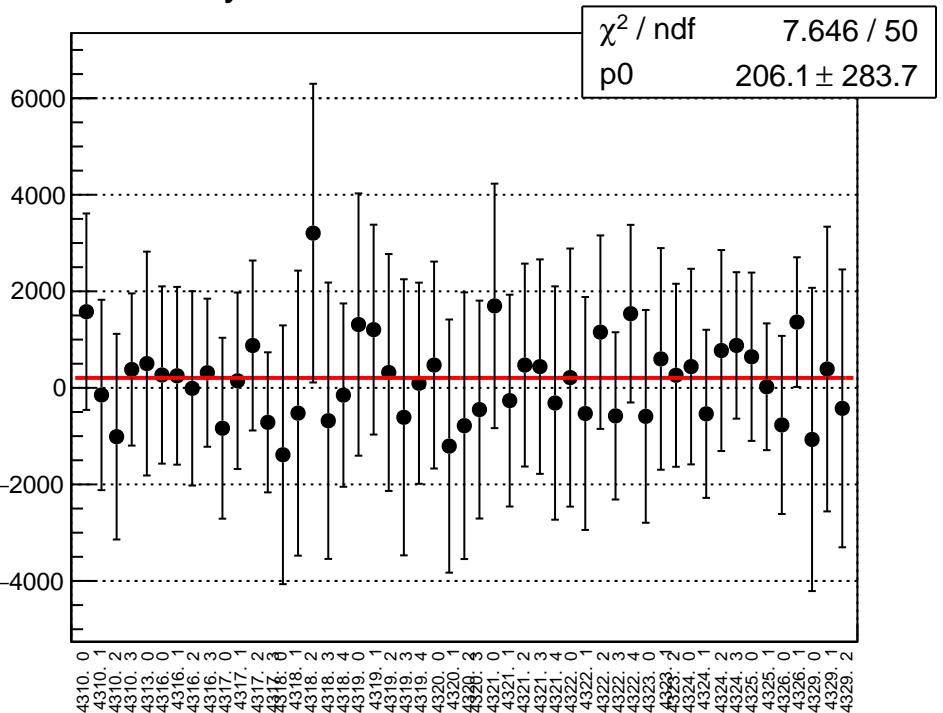
# asym\_bcm\_an\_ds\_mean vs run



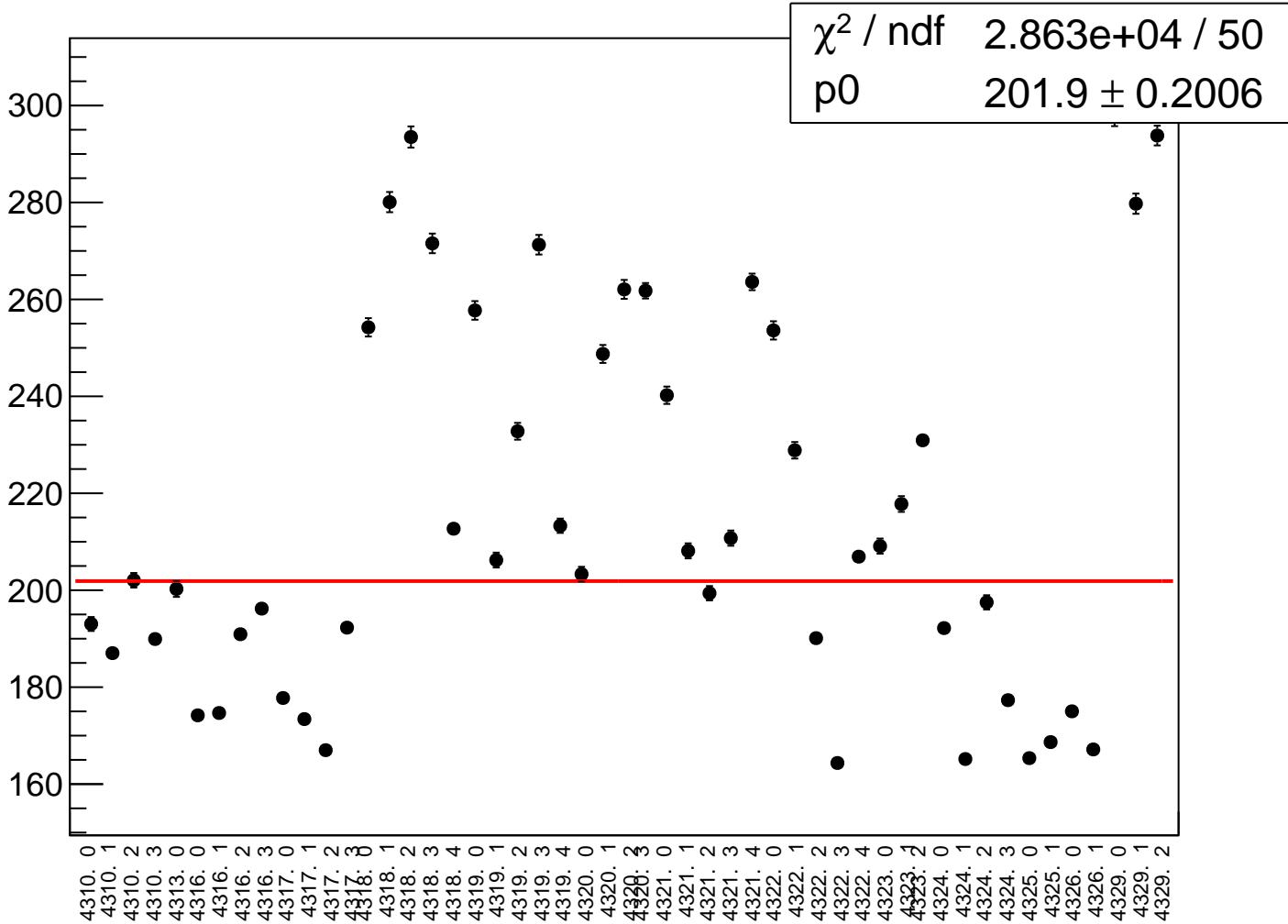
# asym\_bcm\_an\_ds\_rms vs run



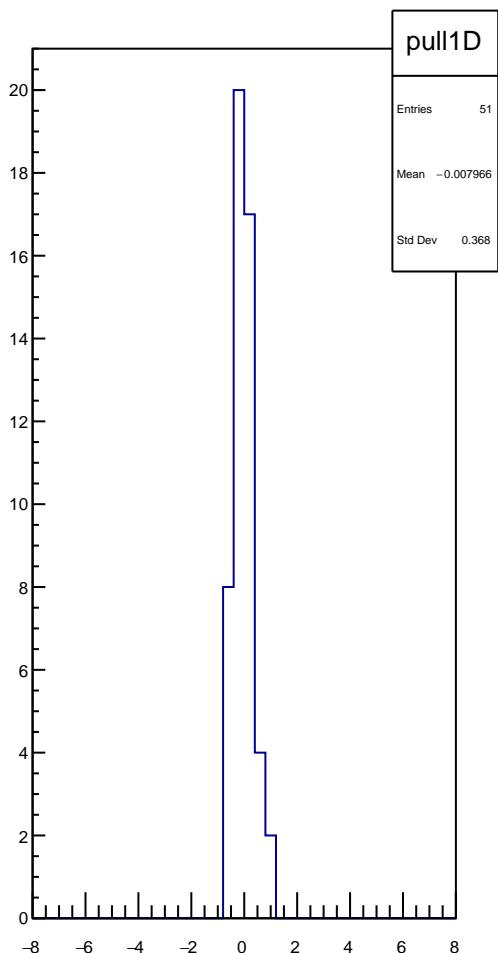
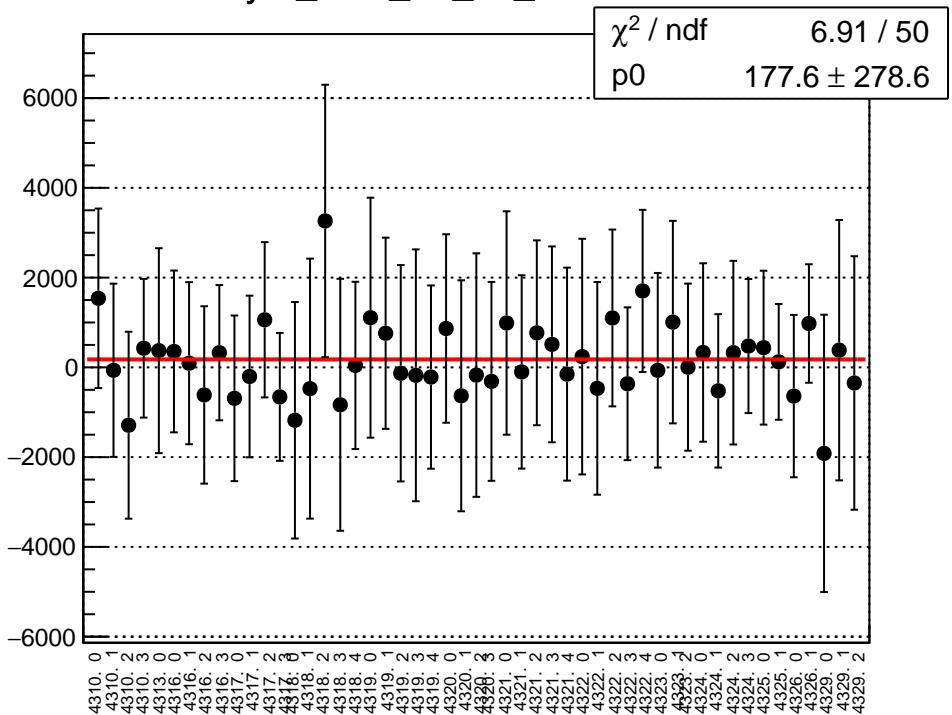
# asym\_bcm\_an\_ds3\_mean vs run



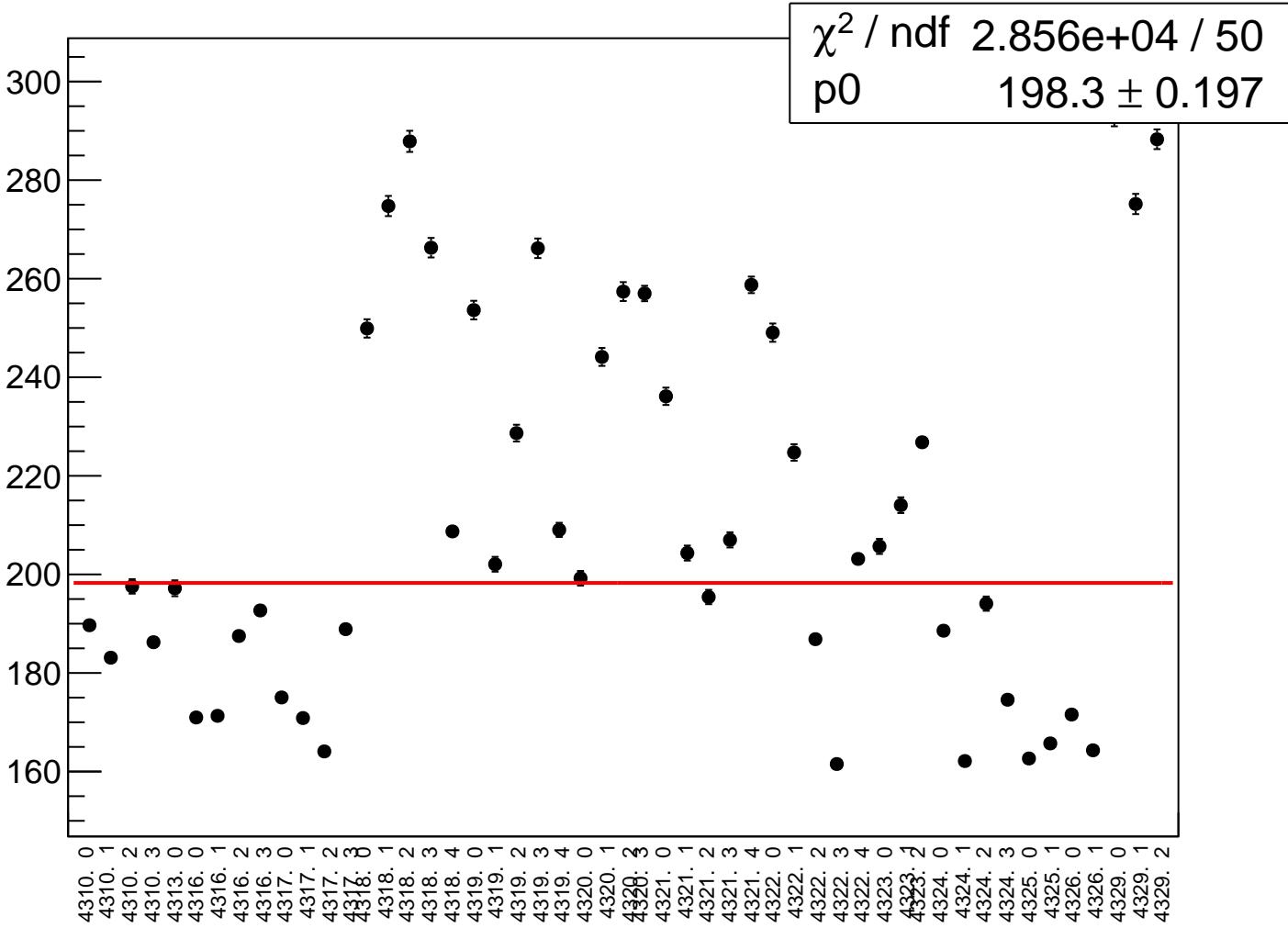
# asym\_bcm\_an\_ds3\_rms vs run



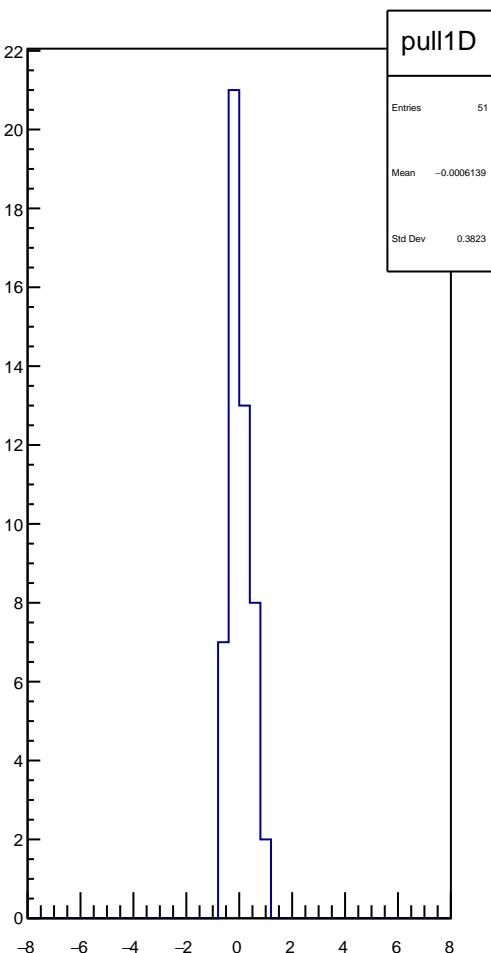
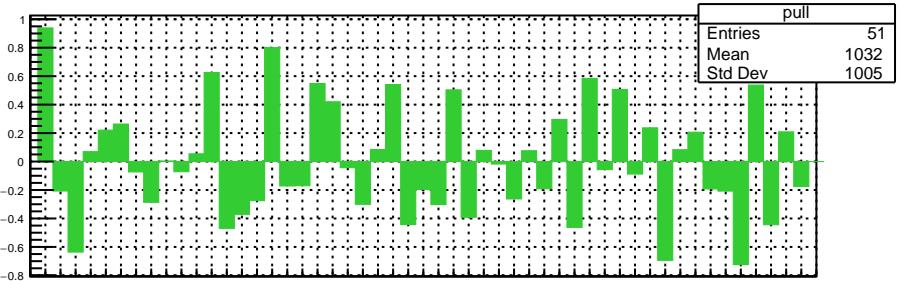
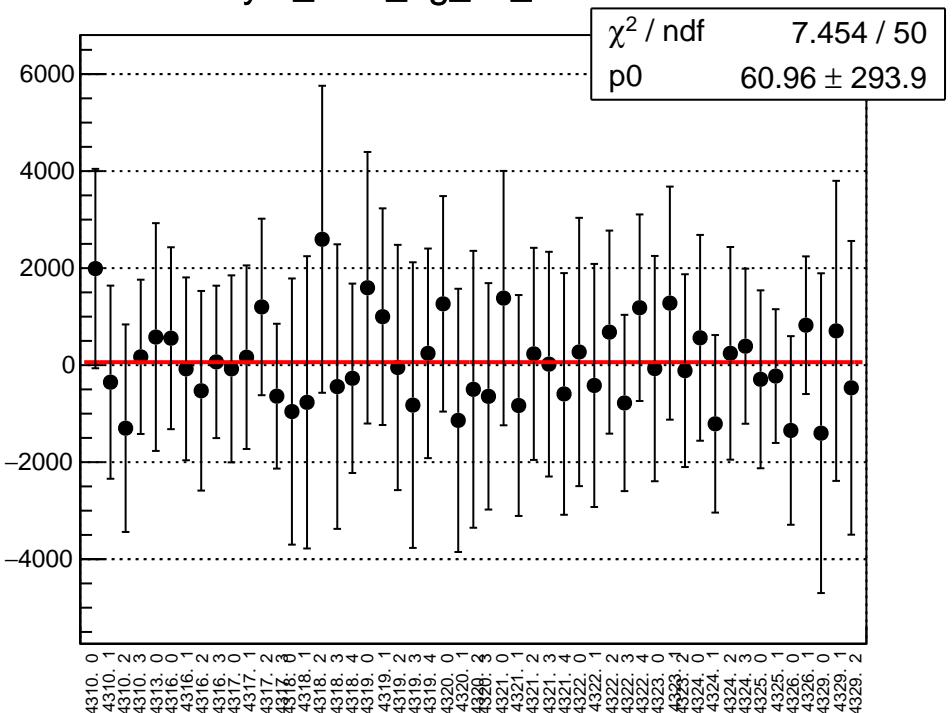
# asym\_bcm\_an\_us\_mean vs run



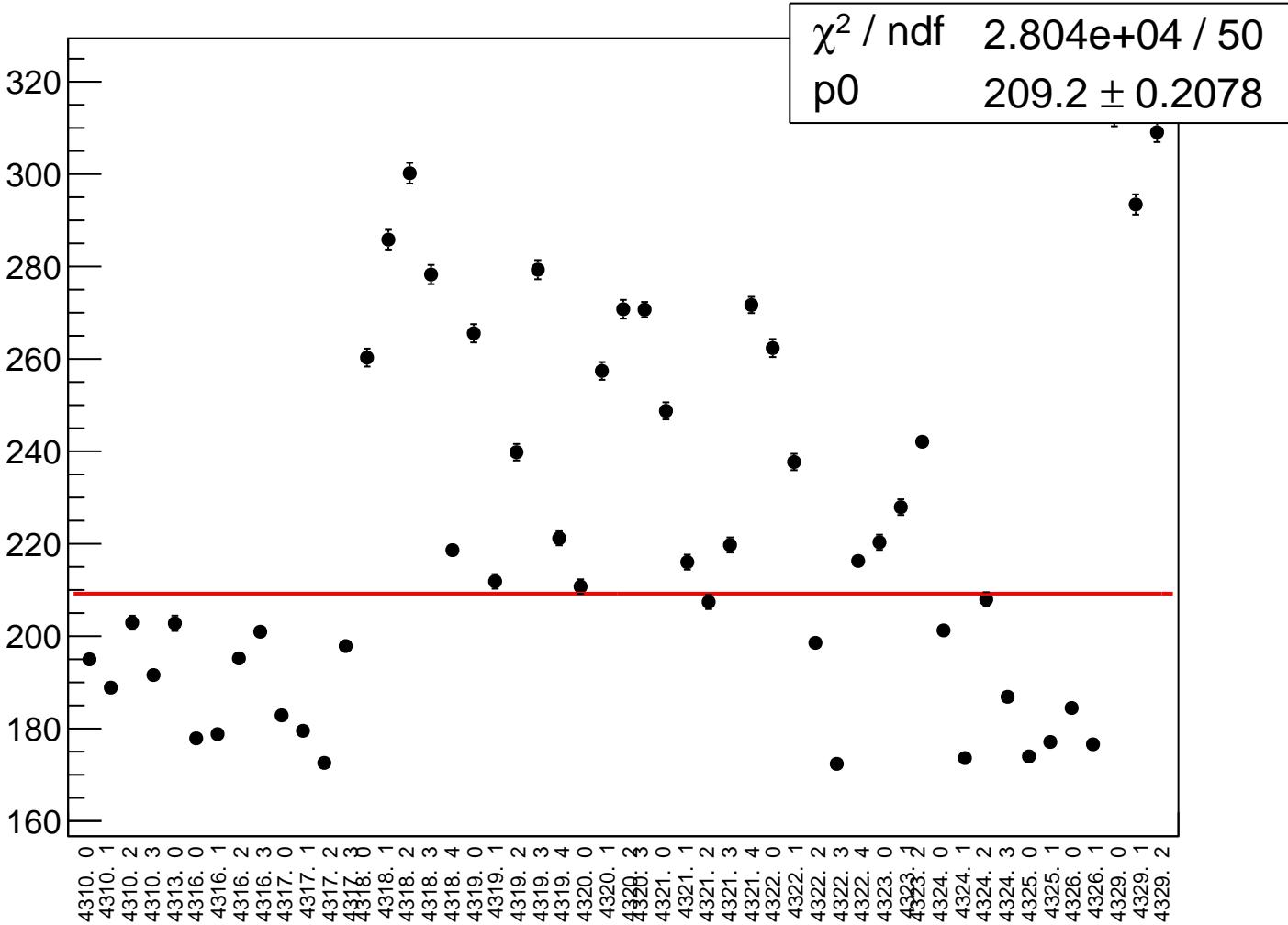
# asym\_bcm\_an\_us\_rms vs run



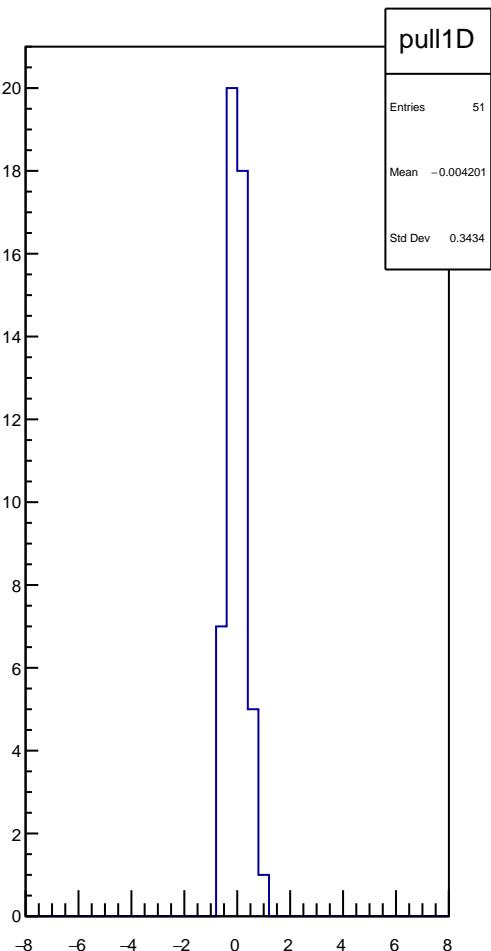
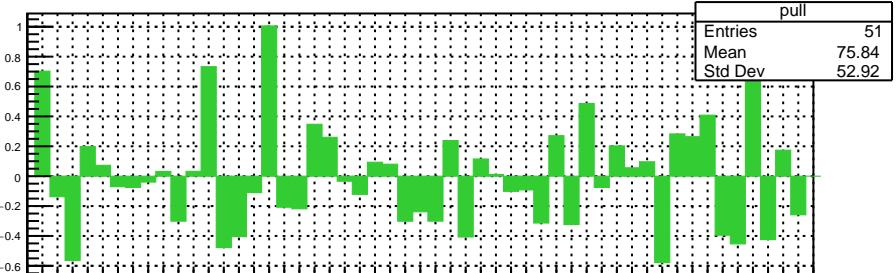
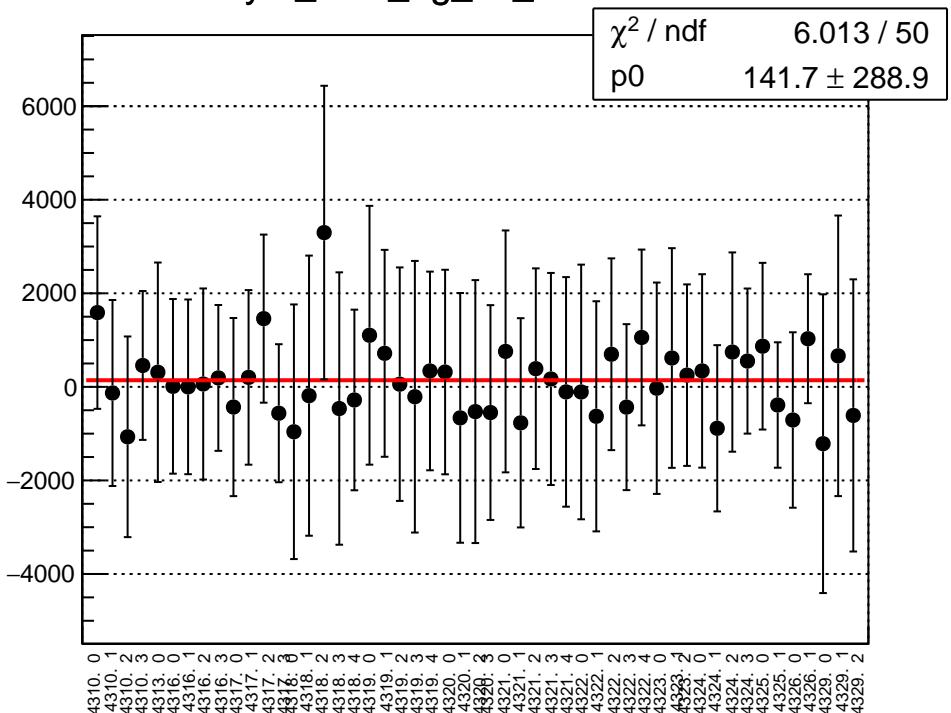
# asym\_bcm\_dg\_us\_mean vs run



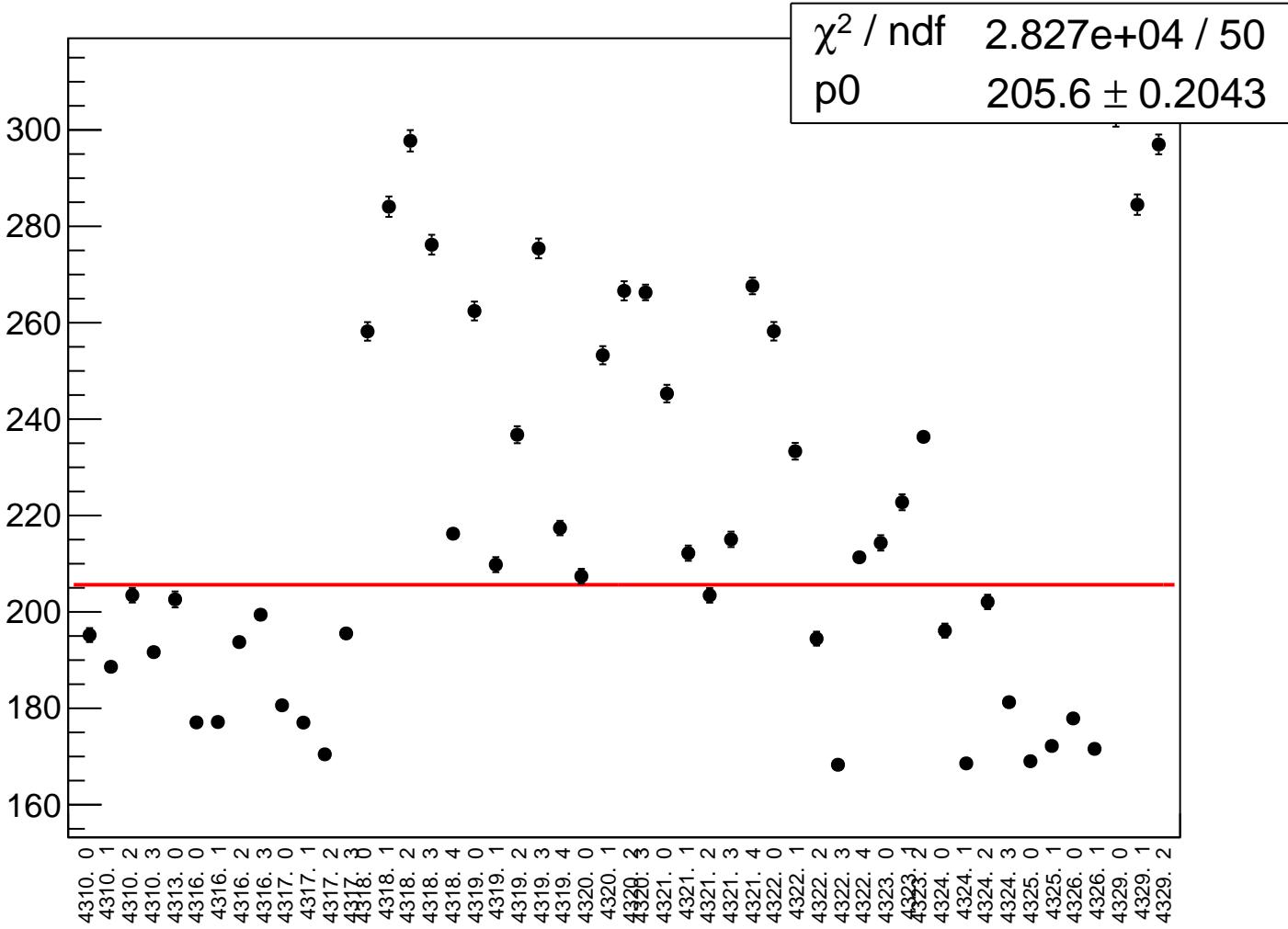
# asym\_bcm\_dg\_us\_rms vs run



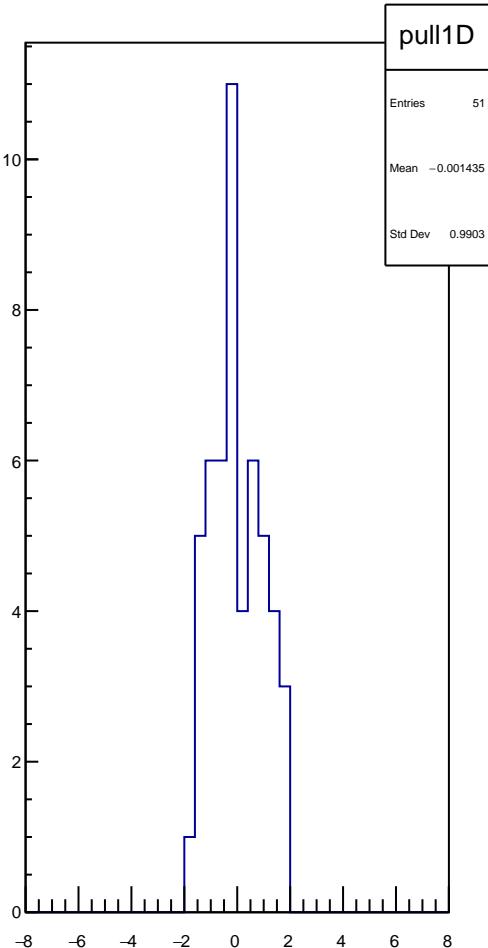
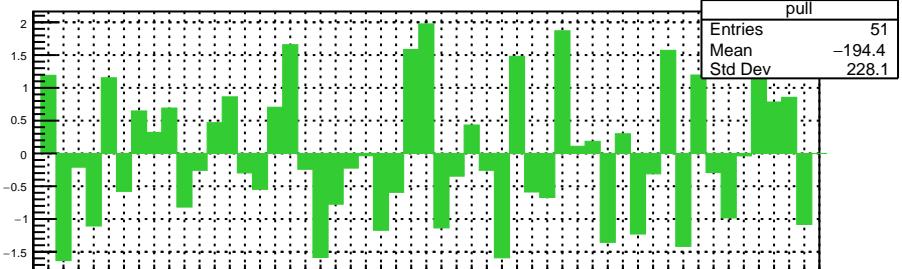
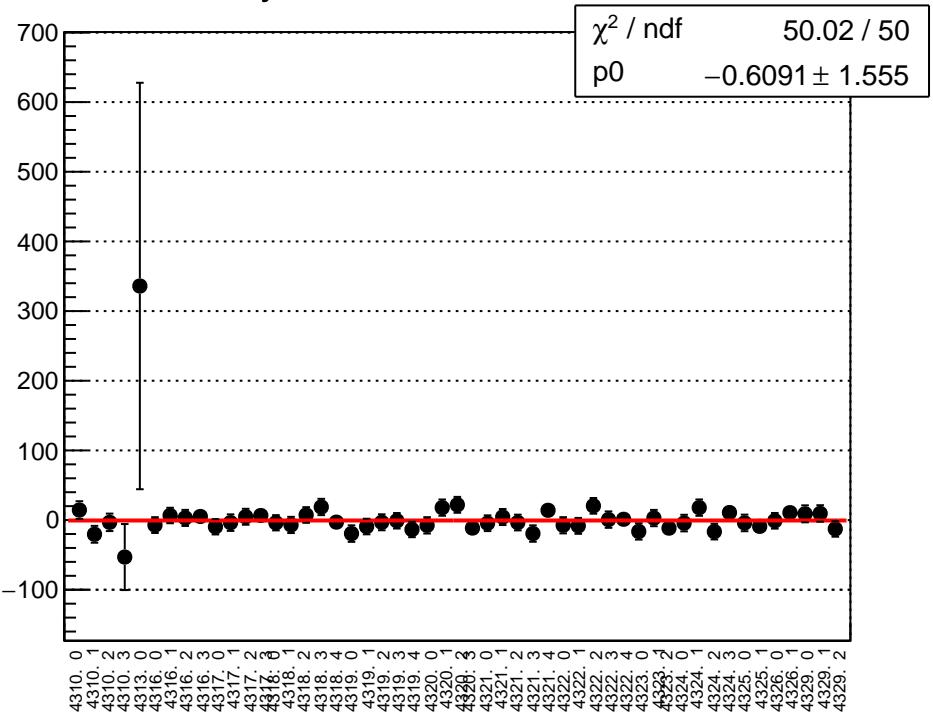
# asym\_bcm\_dg\_ds\_mean vs run



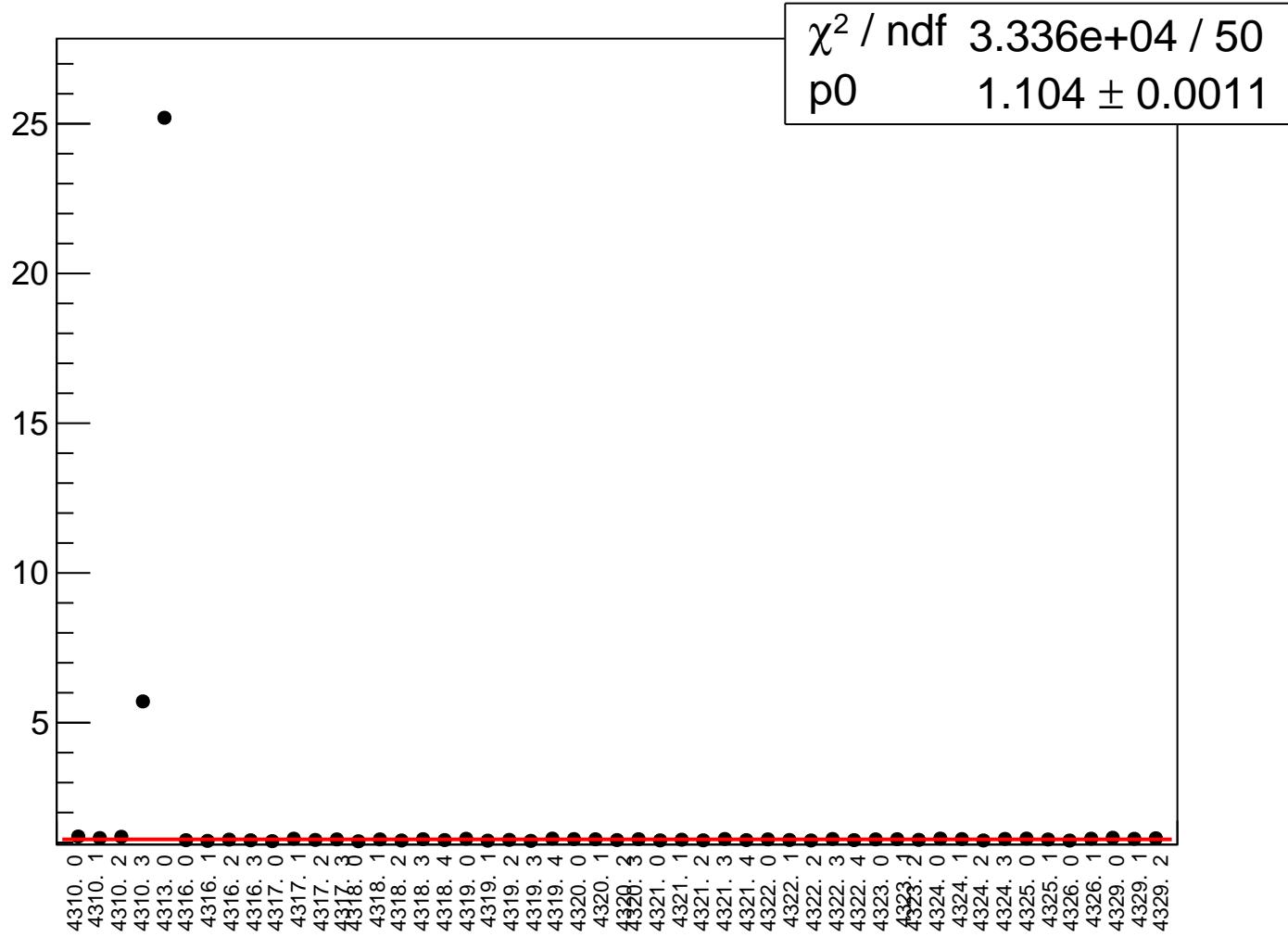
# asym\_bcm\_dg\_ds\_rms vs run



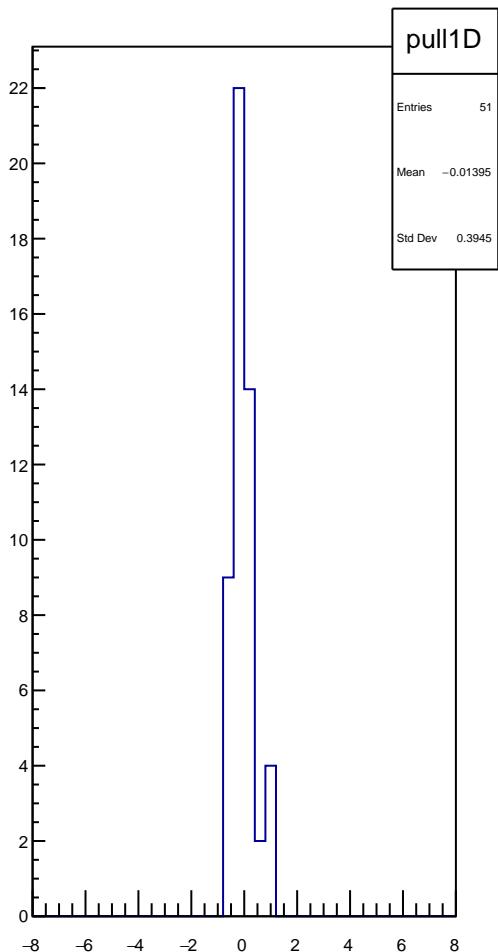
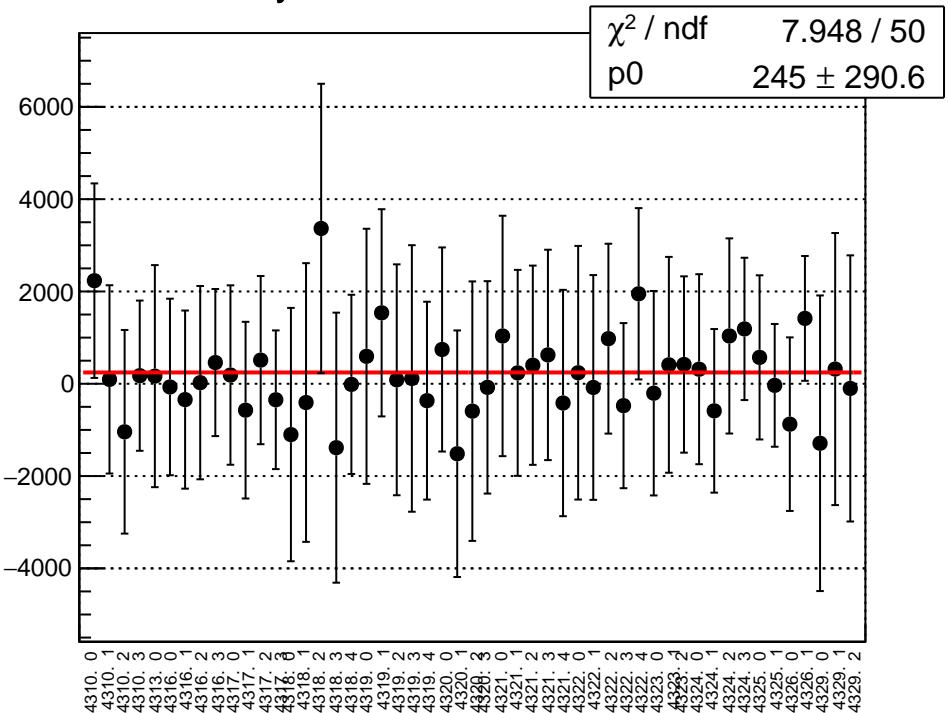
# asym\_cav4bQ\_mean vs run



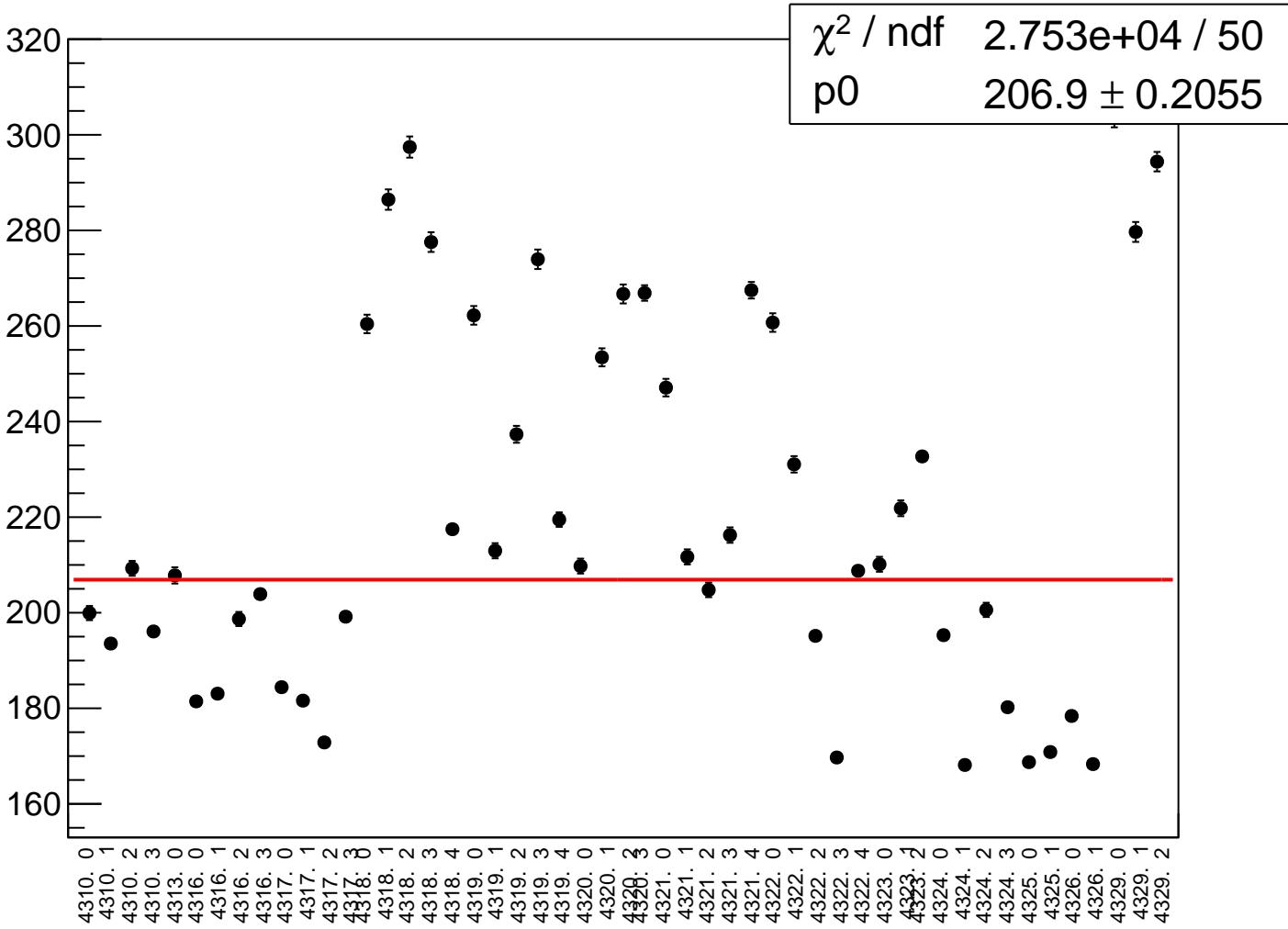
# asym\_cav4bQ\_rms vs run



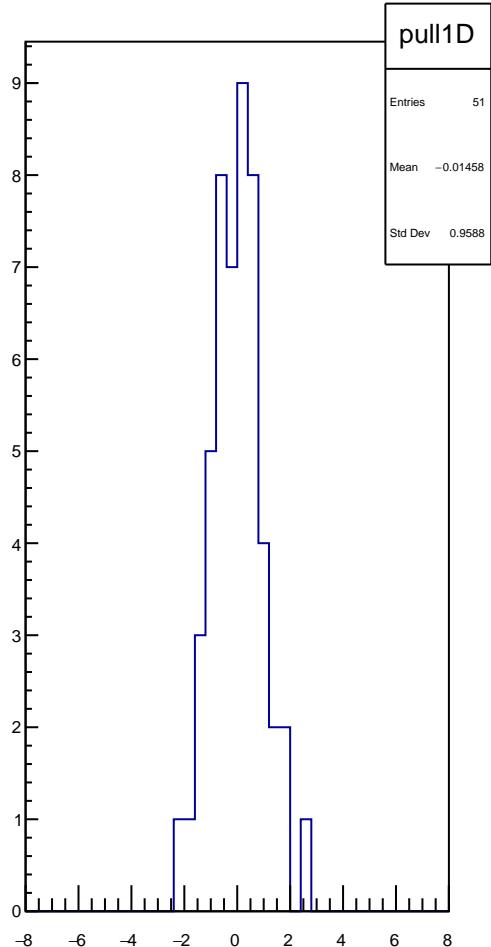
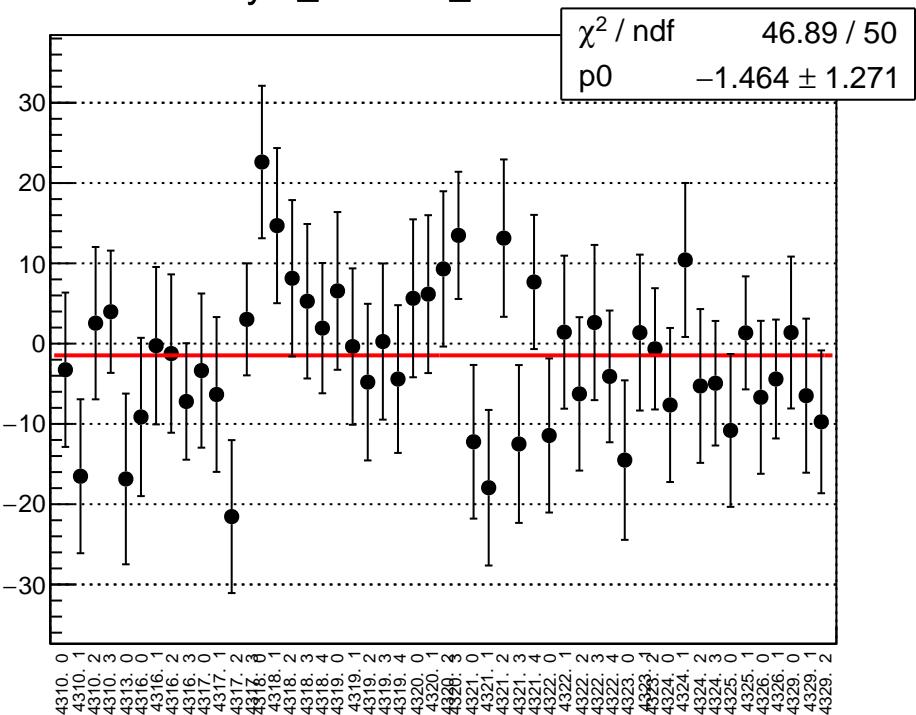
# asym\_cav4cQ\_mean vs run



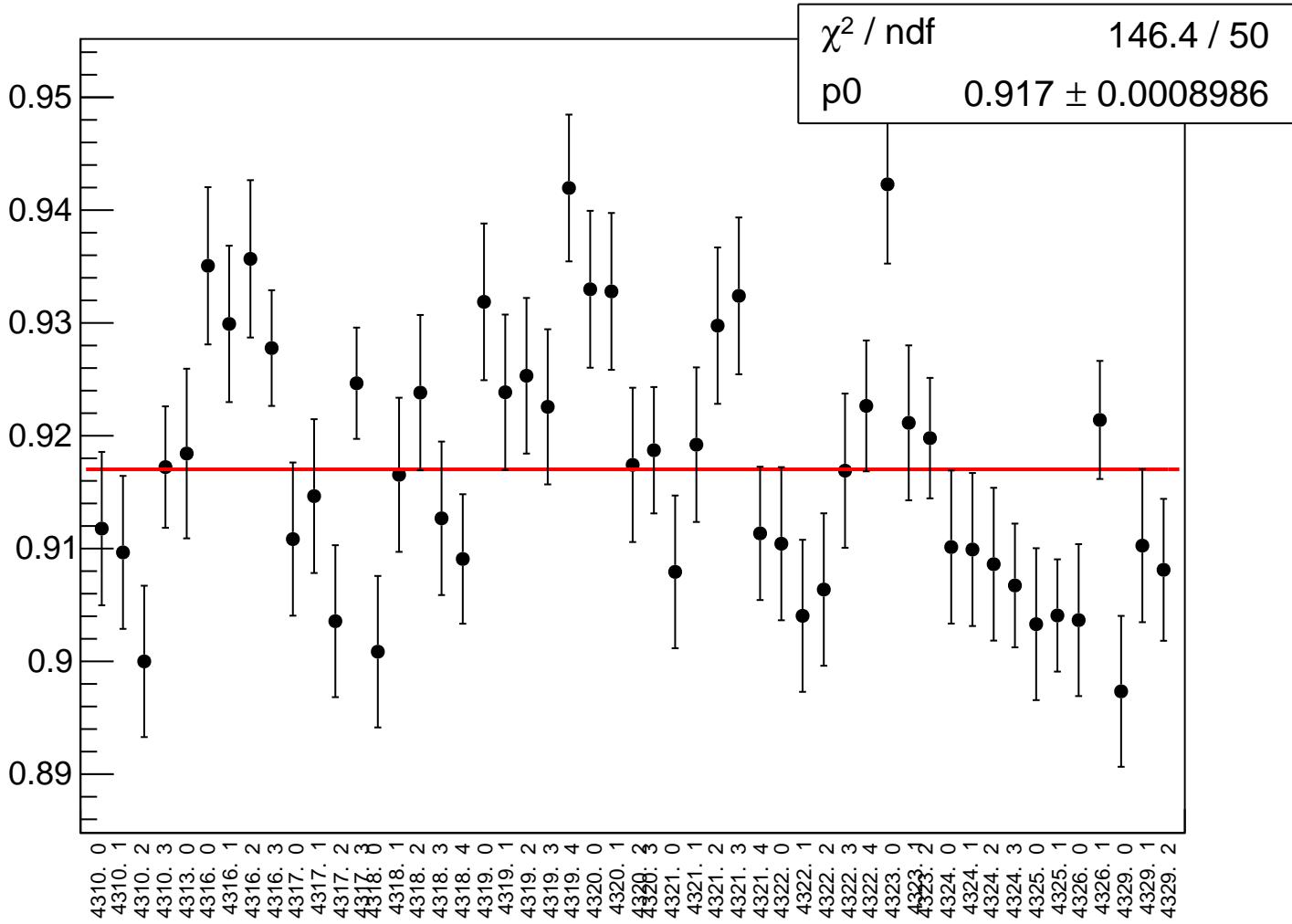
# asym\_cav4cQ\_rms vs run



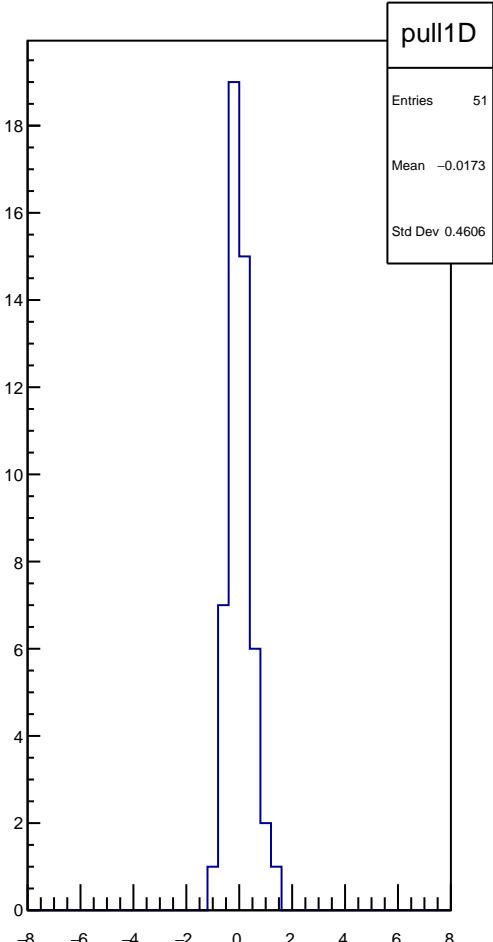
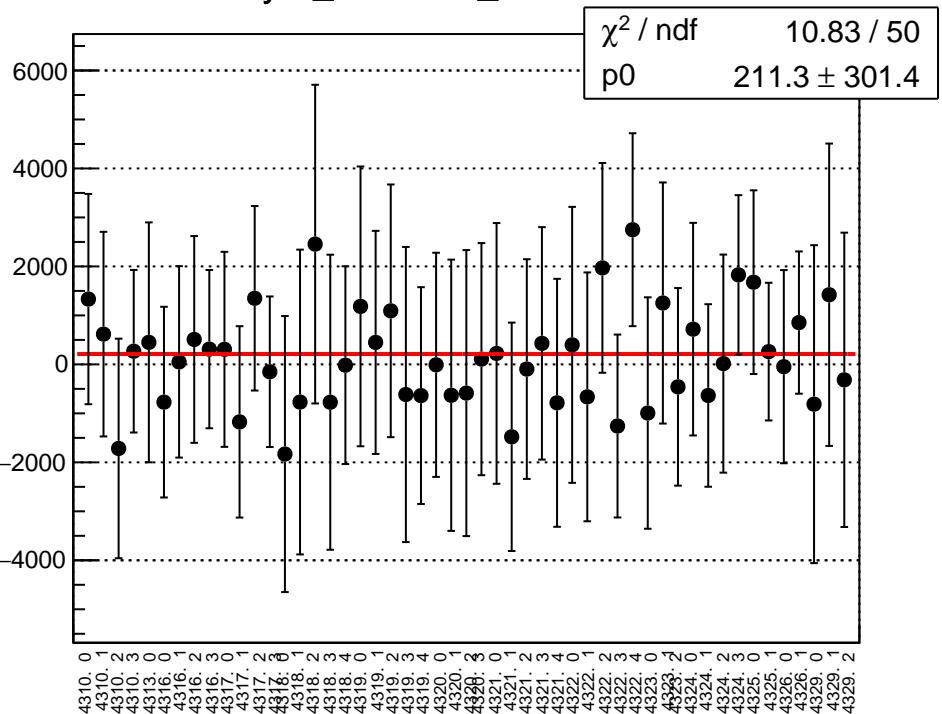
# asym\_cav4dQ\_mean vs run



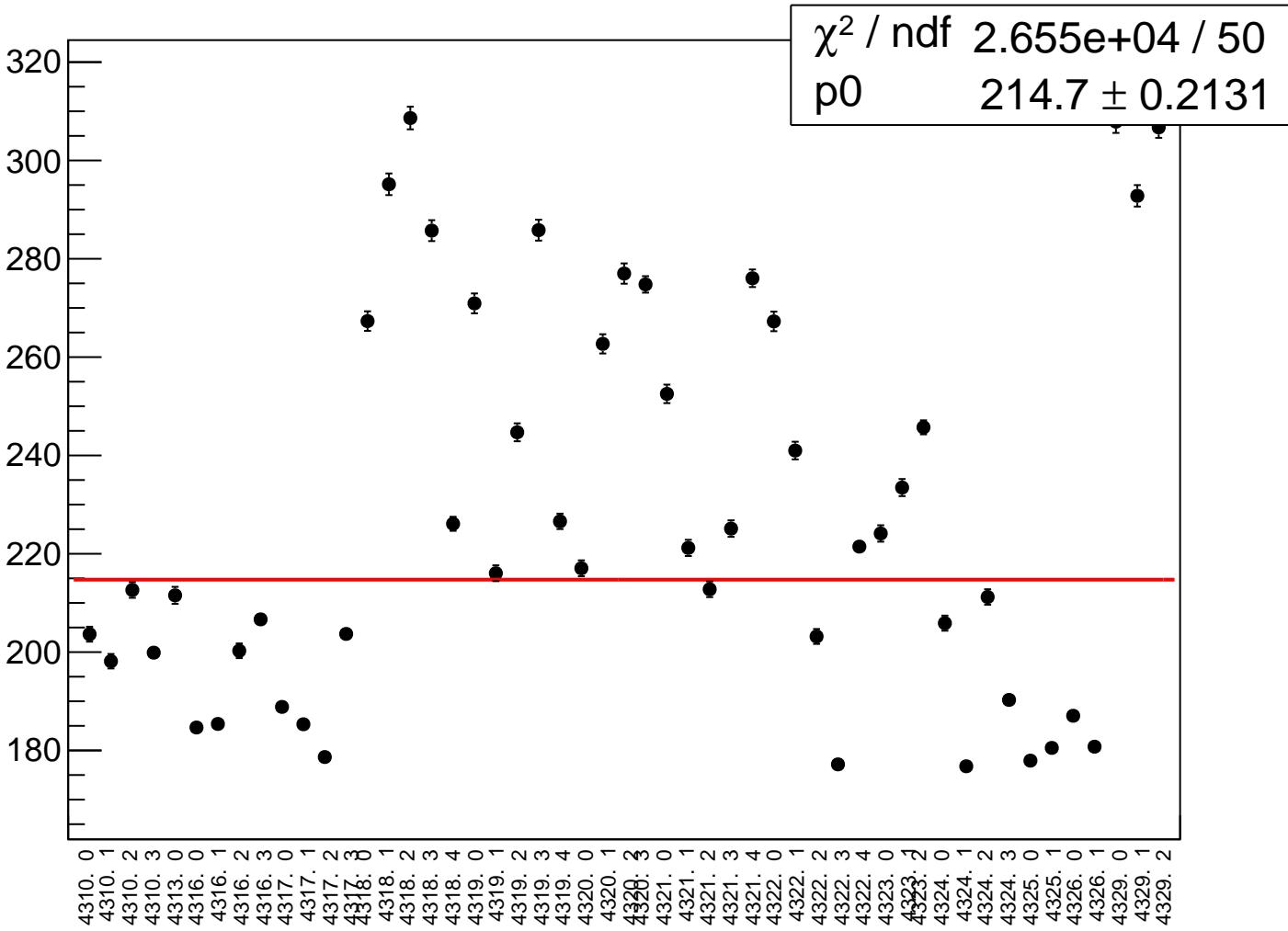
# asym\_cav4dQ\_rms vs run



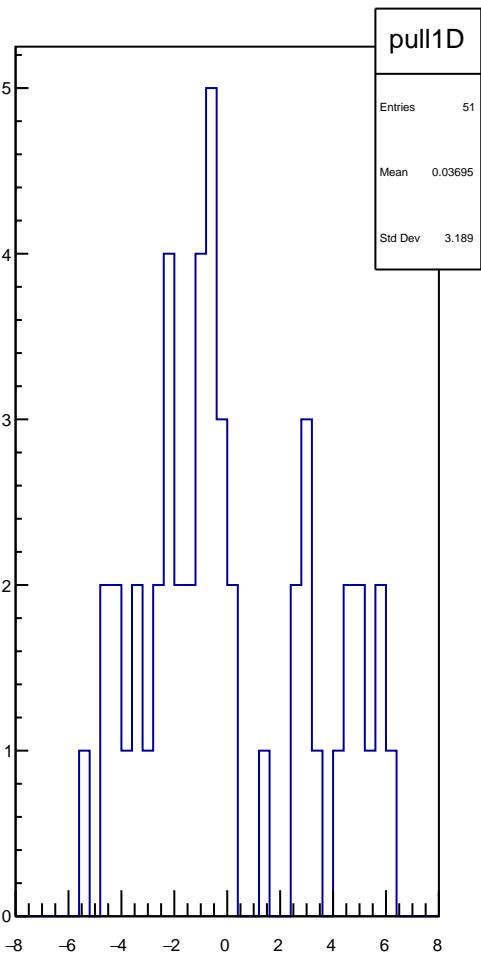
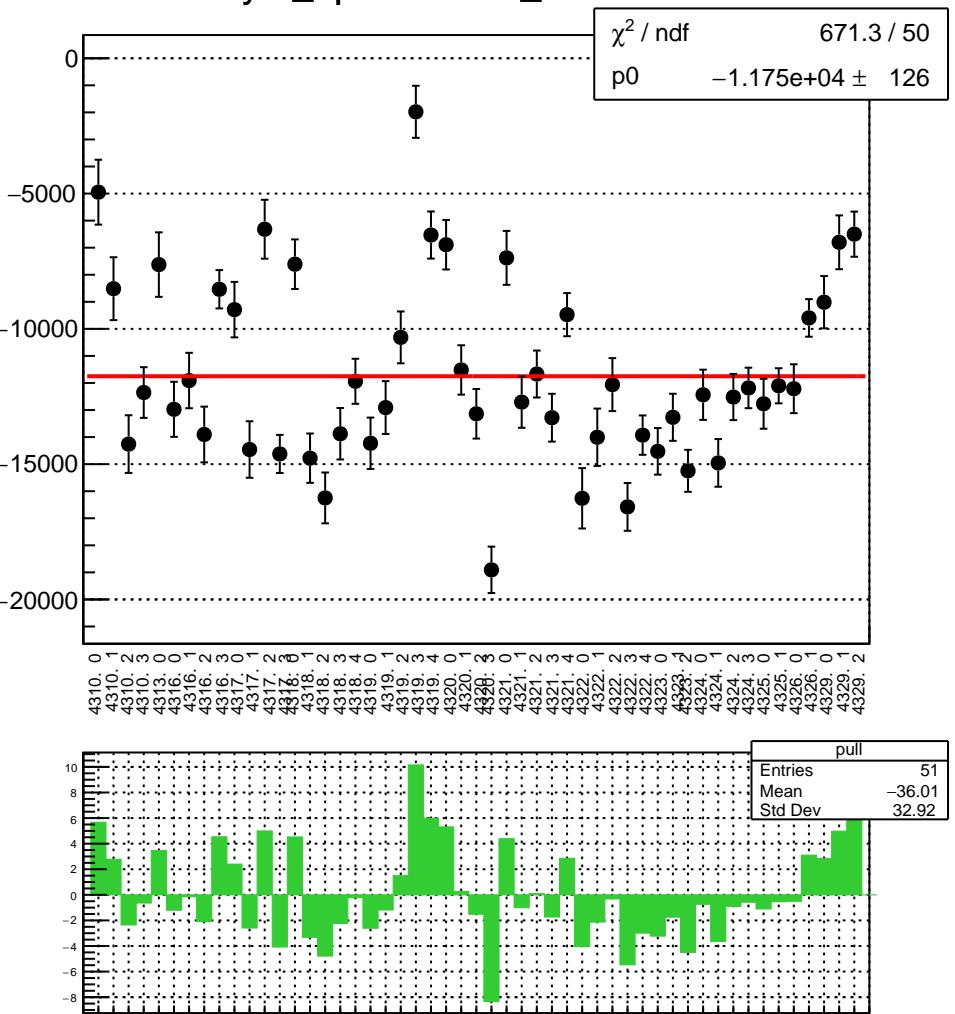
# asym\_bcm0l02\_mean vs run



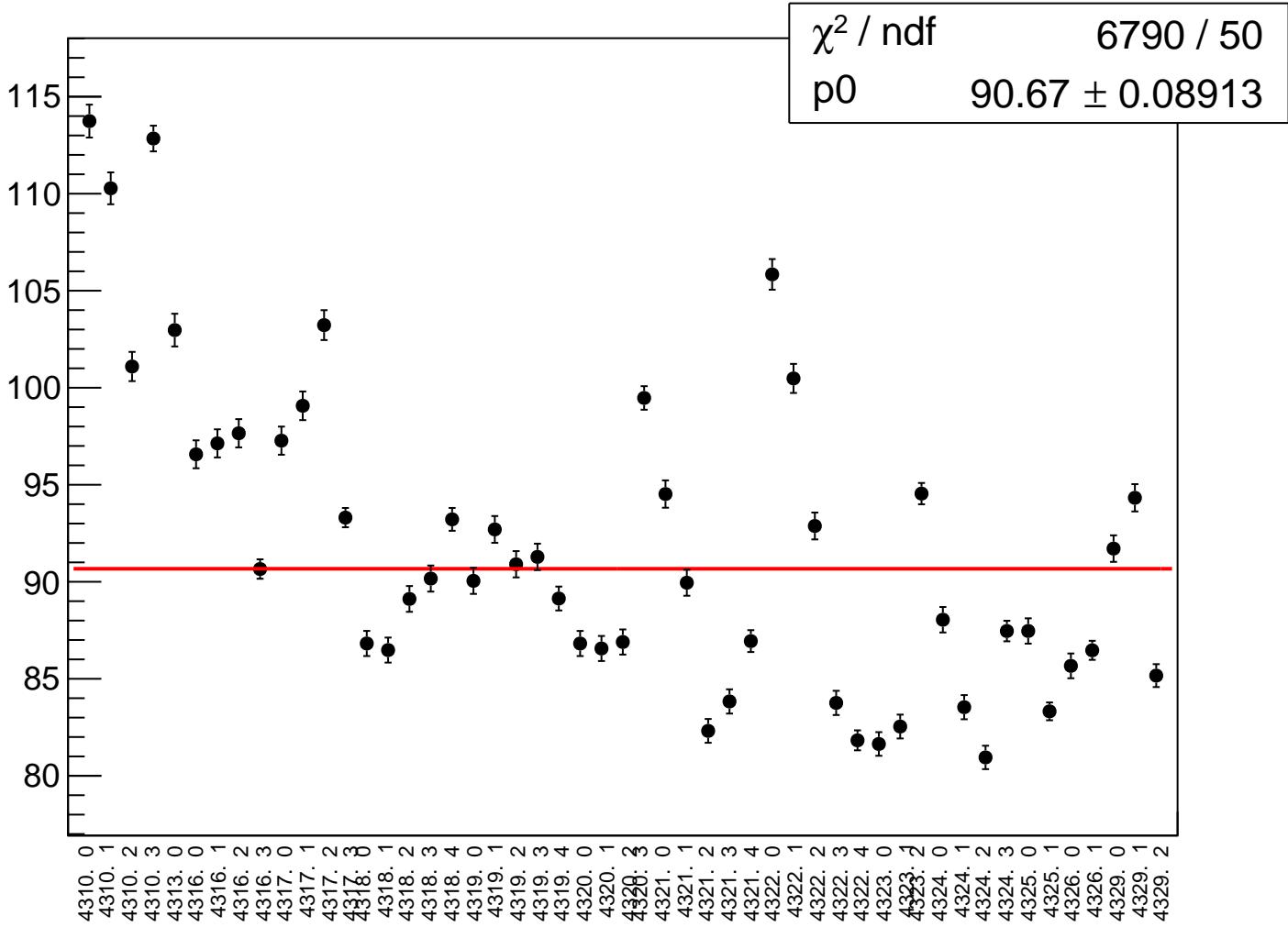
# asym\_bcm0l02\_rms vs run



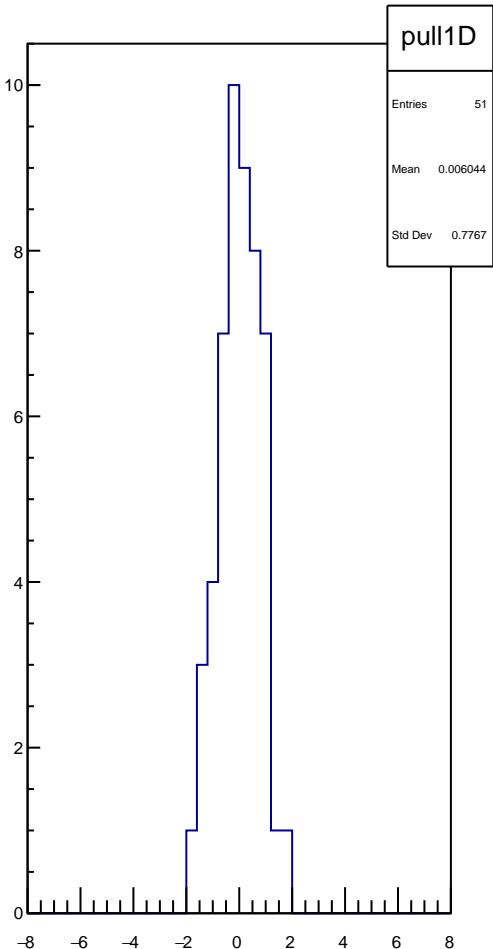
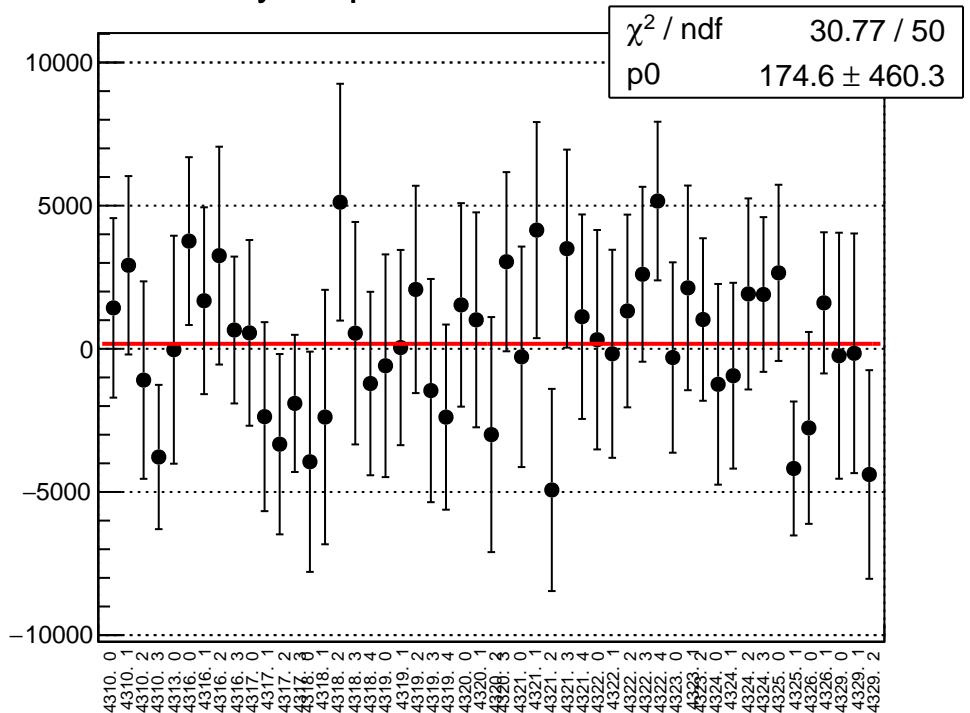
# asym\_bpm2i01WS\_mean vs run



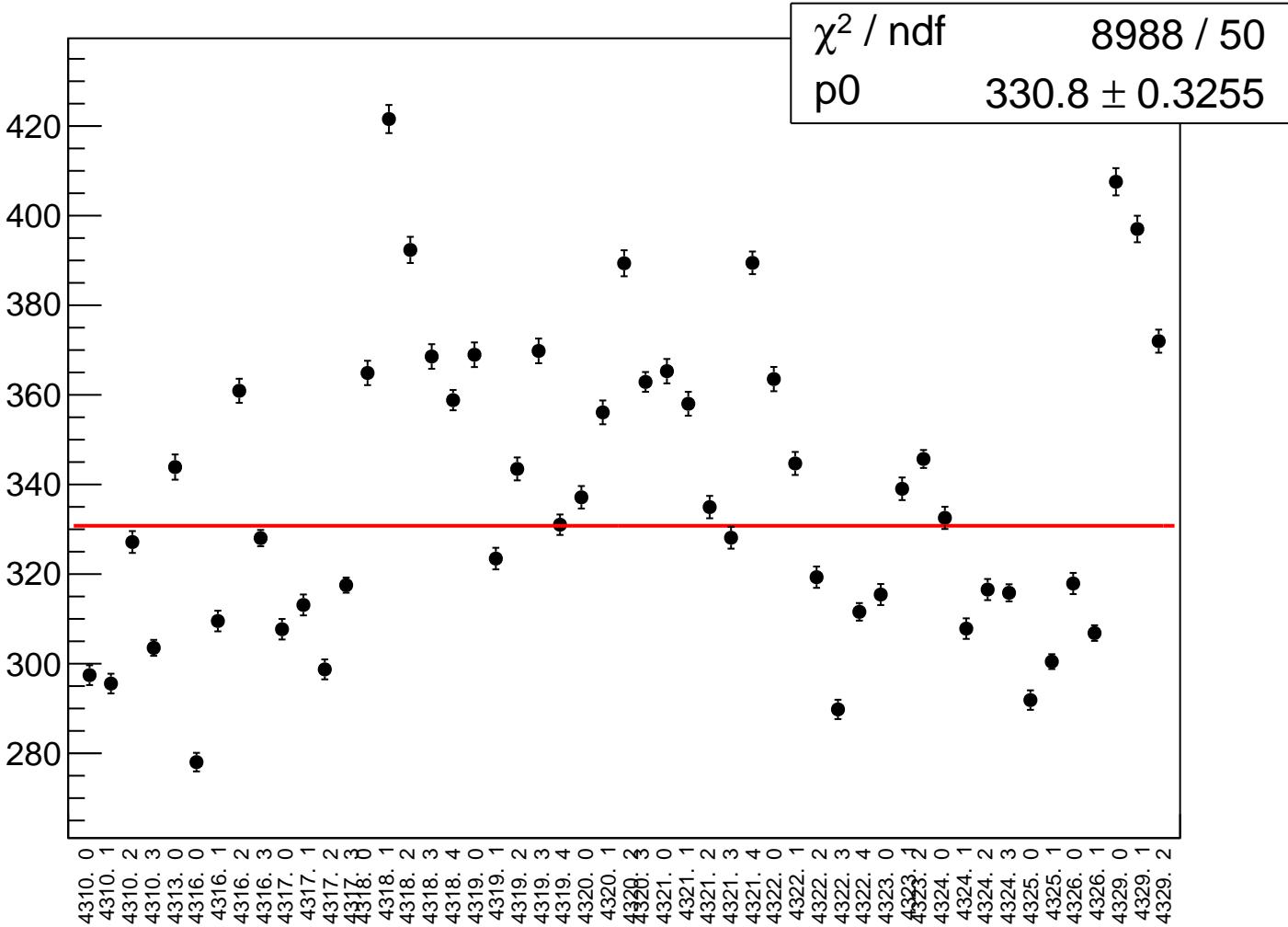
# asym\_bpm2i01WS\_rms vs run



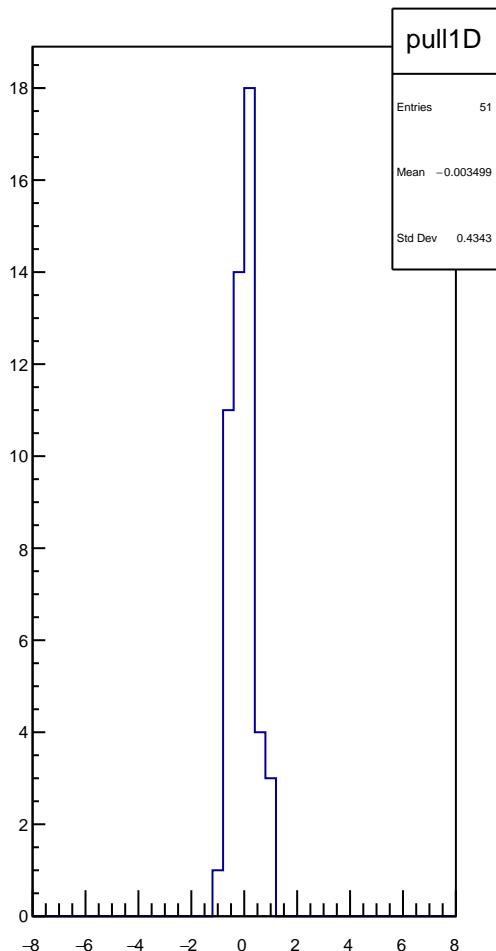
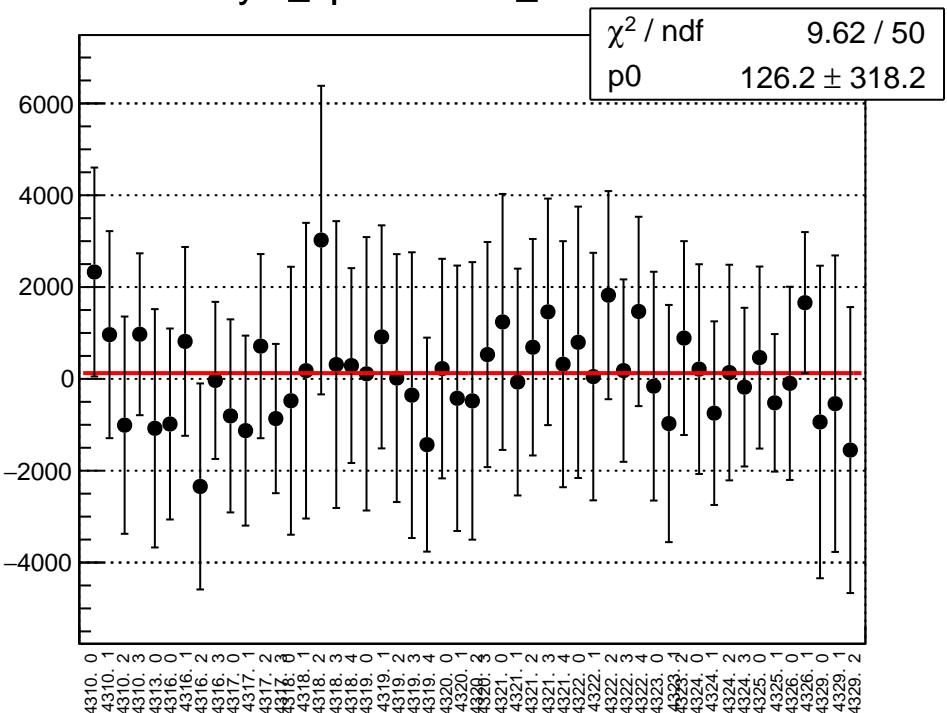
# asym\_bpm0i07WS\_mean vs run



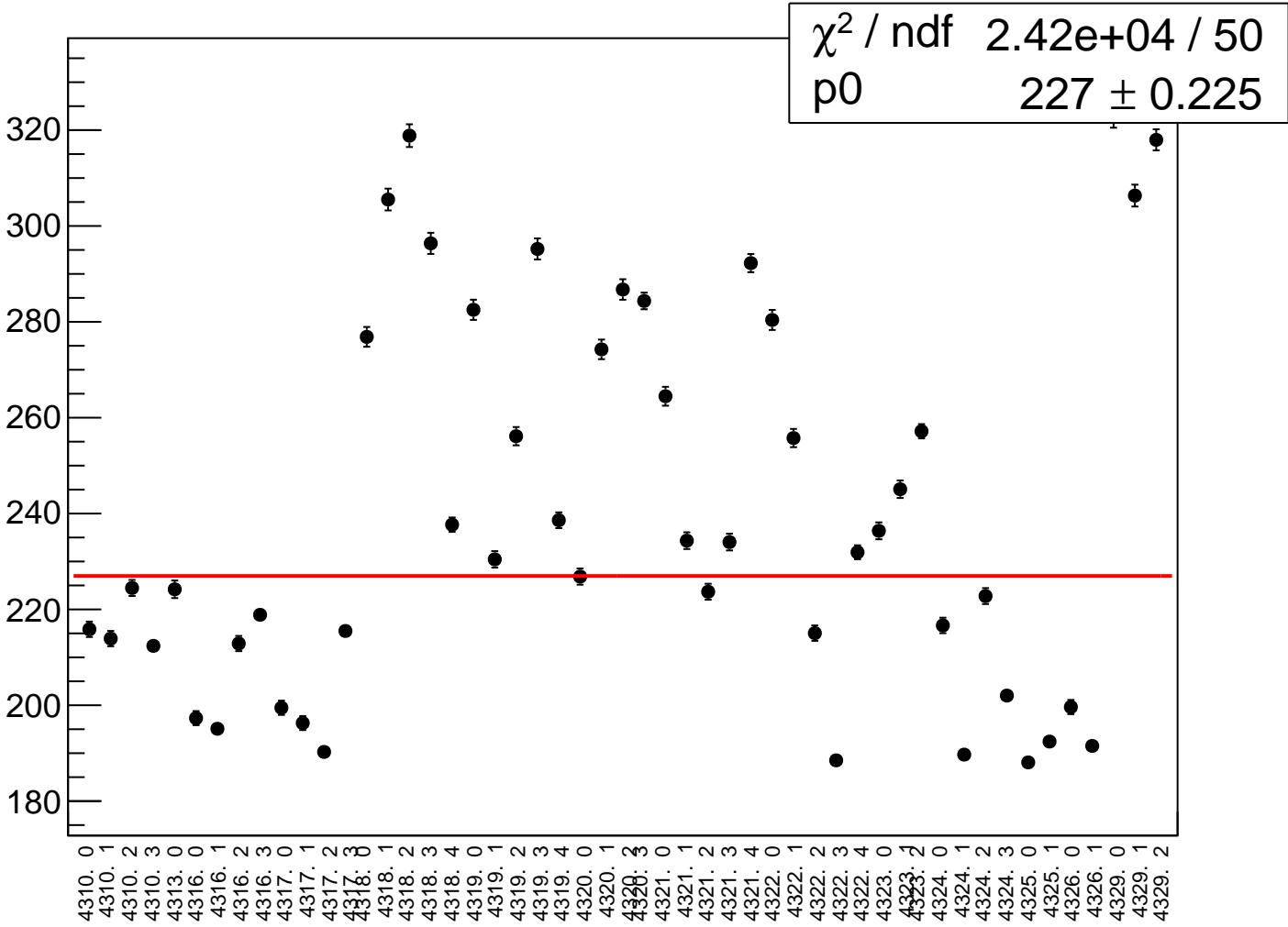
# asym\_bpm0i07WS\_rms vs run



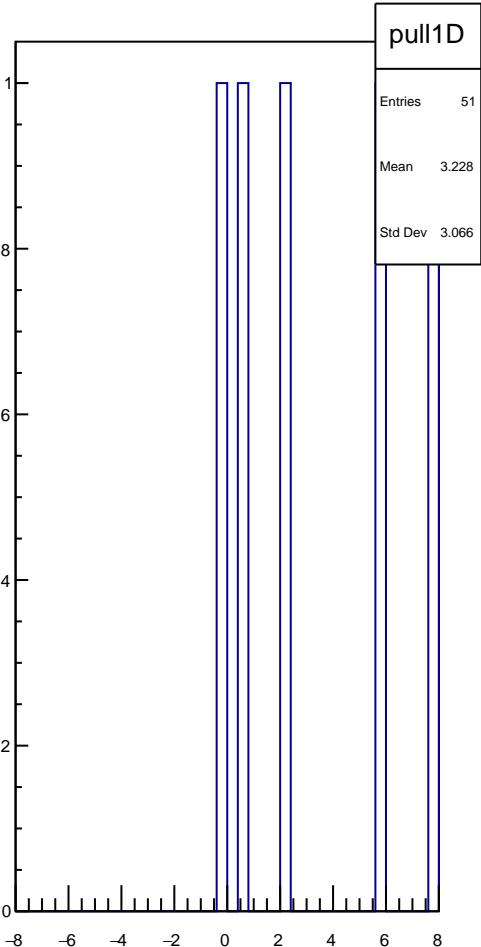
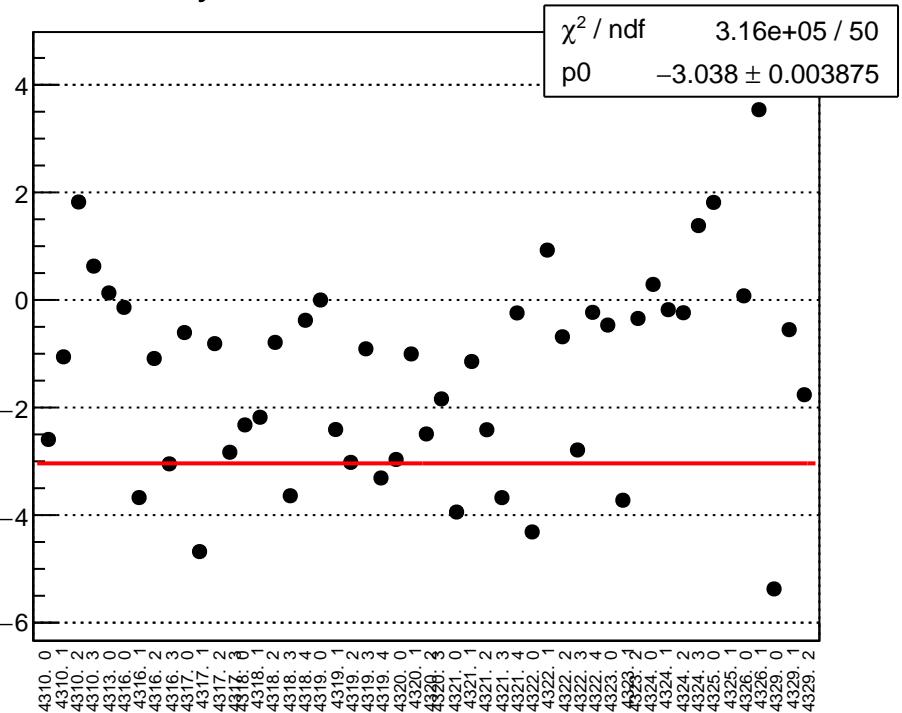
# asym\_bpm0l01WS\_mean vs run



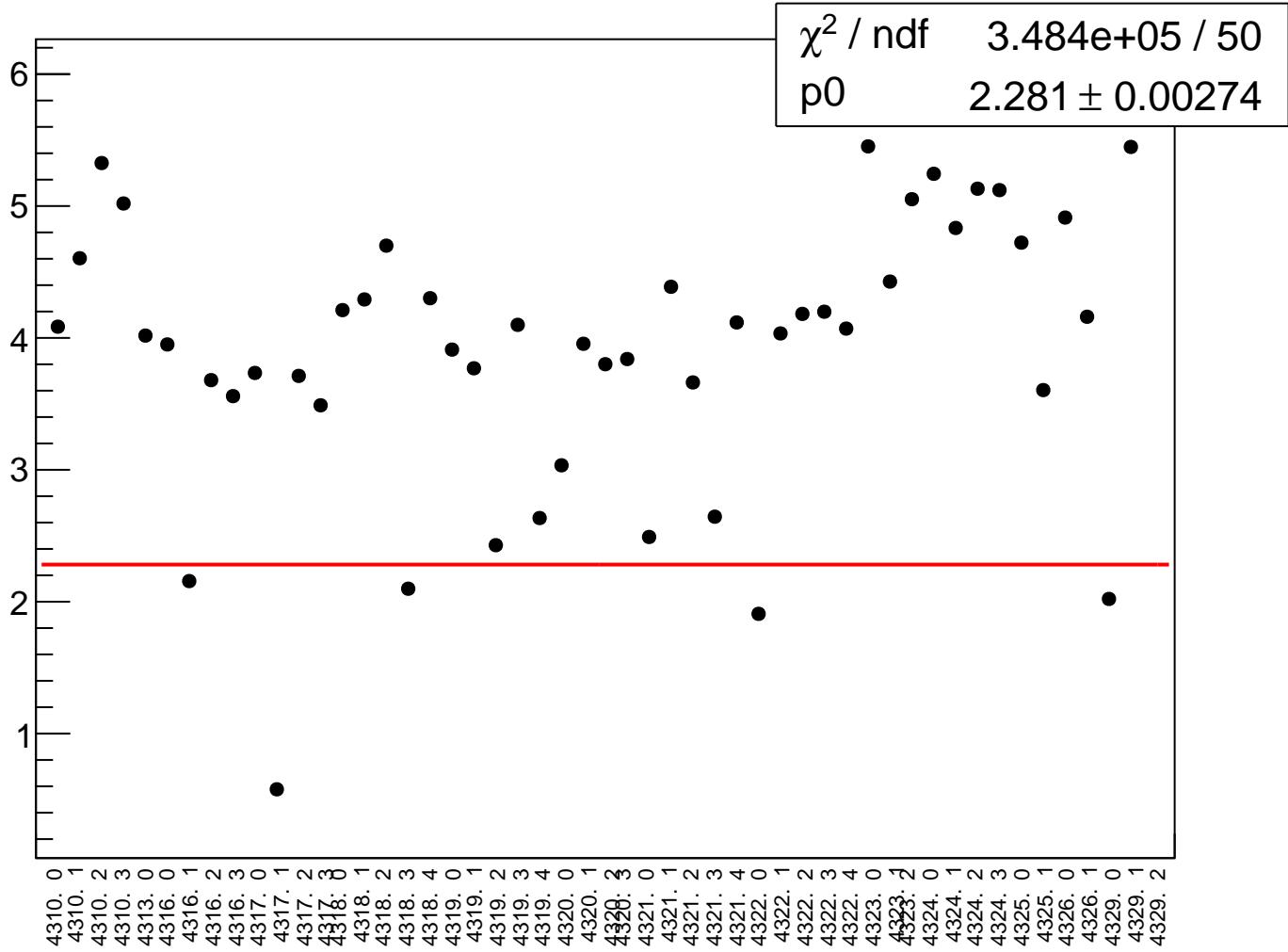
# asym\_bpm0l01WS\_rms vs run



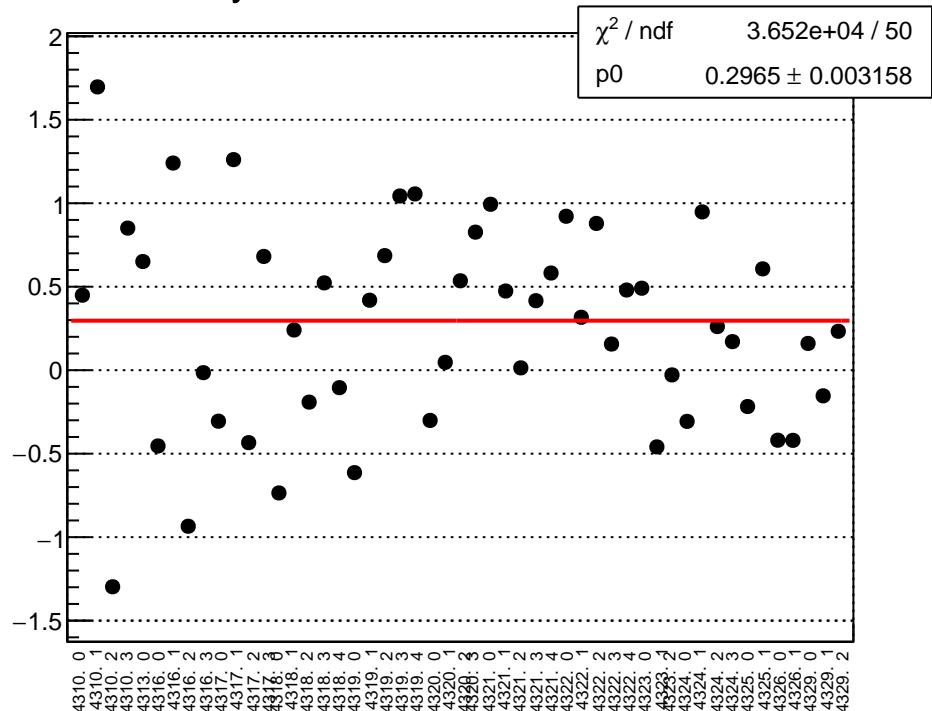
# yield\_cav4bX\_mean vs run



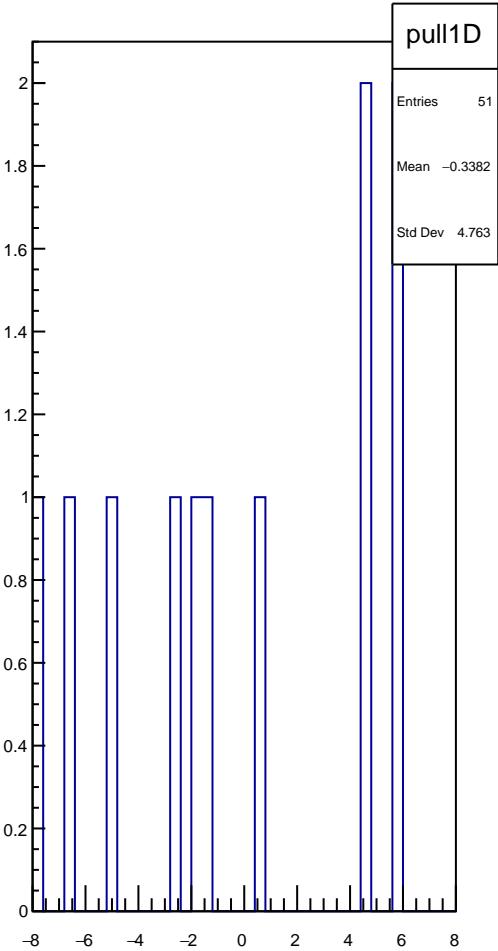
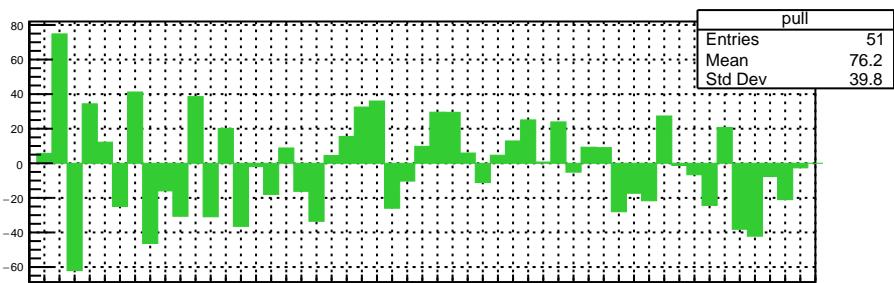
# yield\_cav4bX\_rms vs run



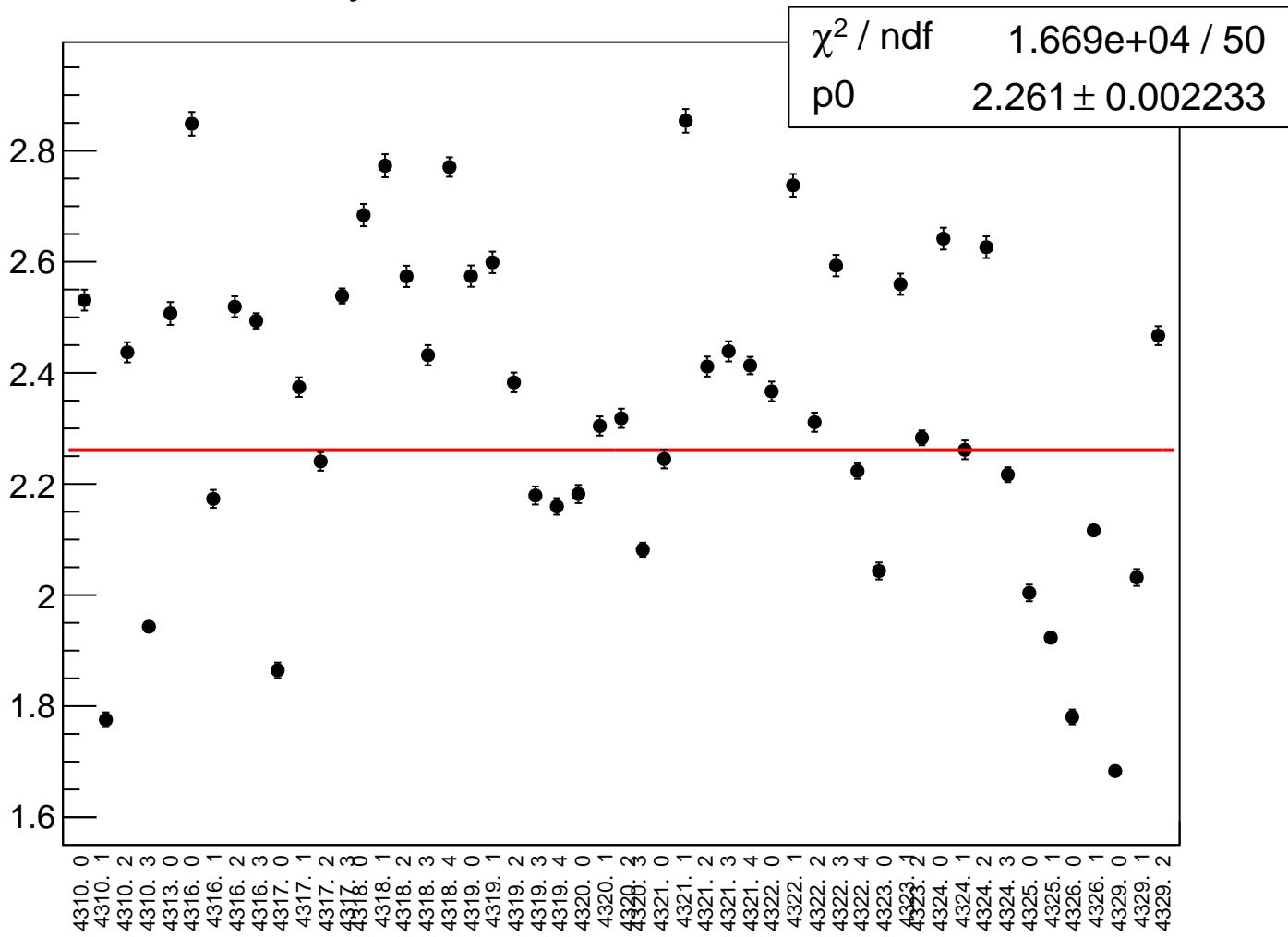
# yield\_cav4bY\_mean vs run



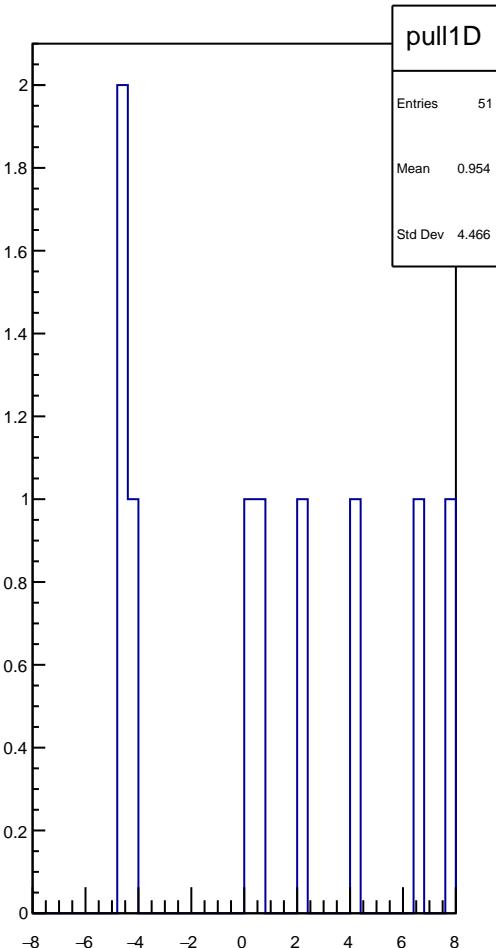
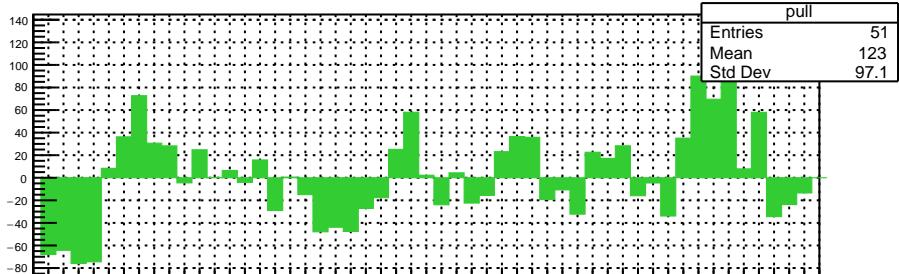
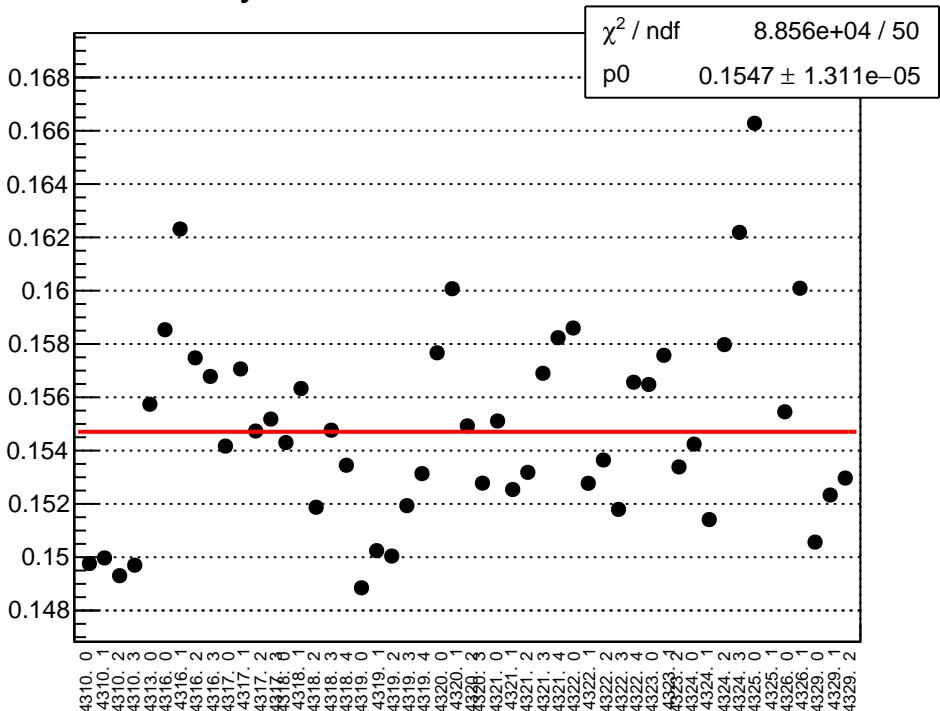
$\chi^2 / \text{ndf}$       3.652e+04 / 50  
 p0       $0.2965 \pm 0.003158$



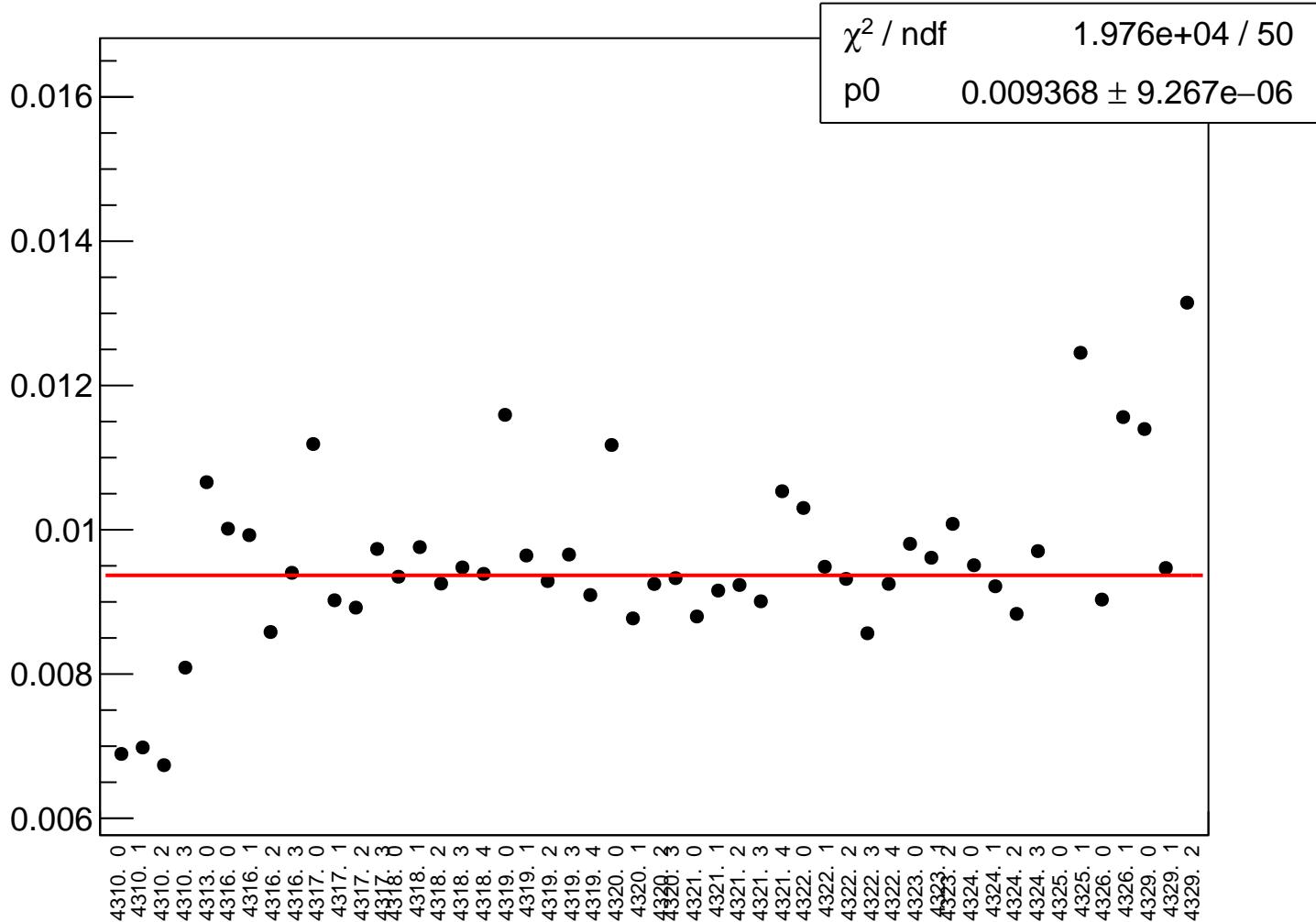
# yield\_cav4bY\_rms vs run



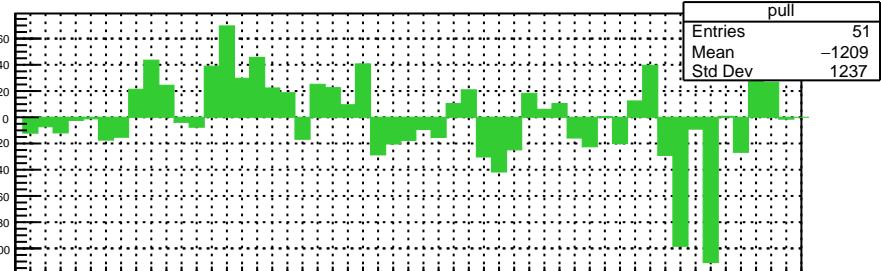
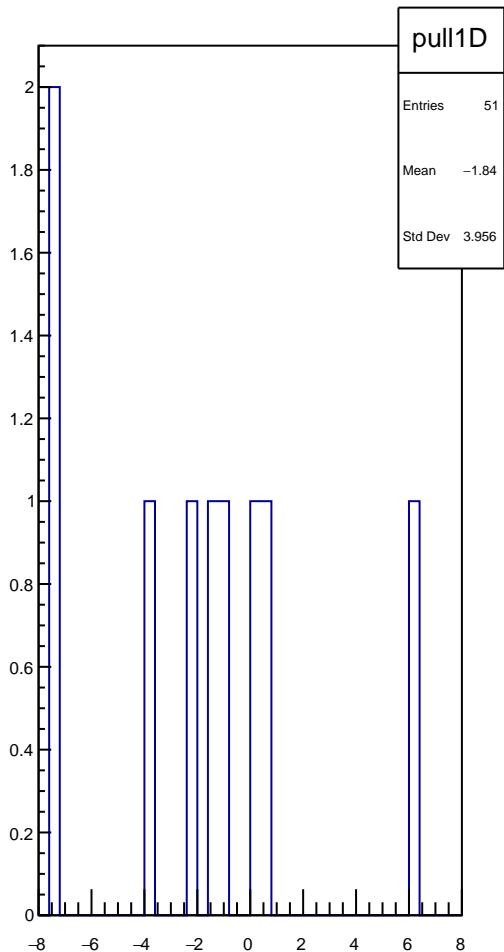
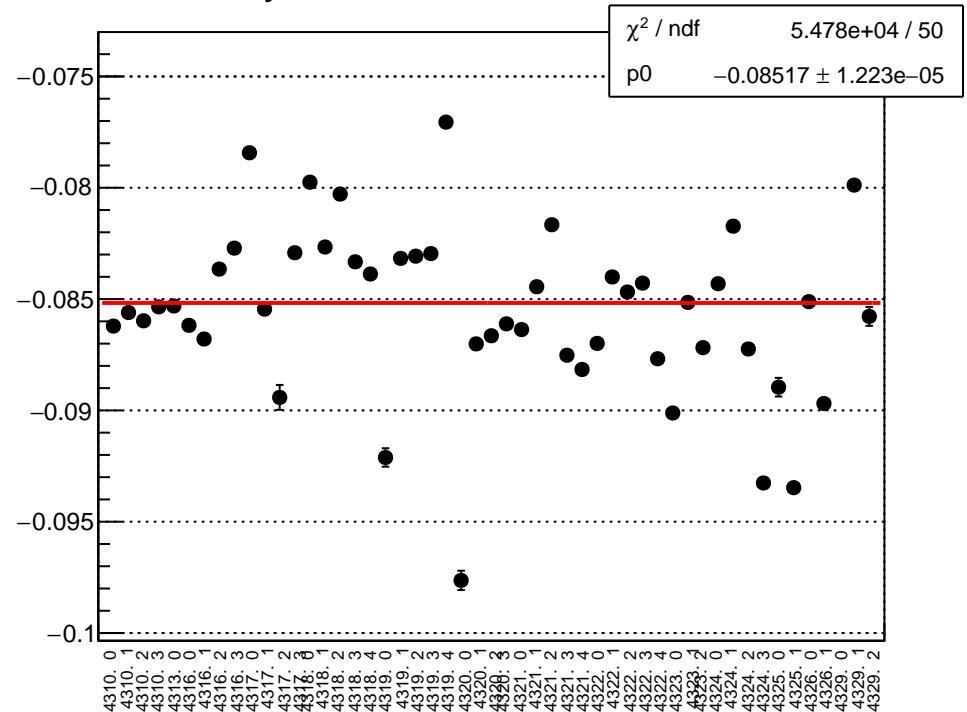
# yield\_cav4cX\_mean vs run



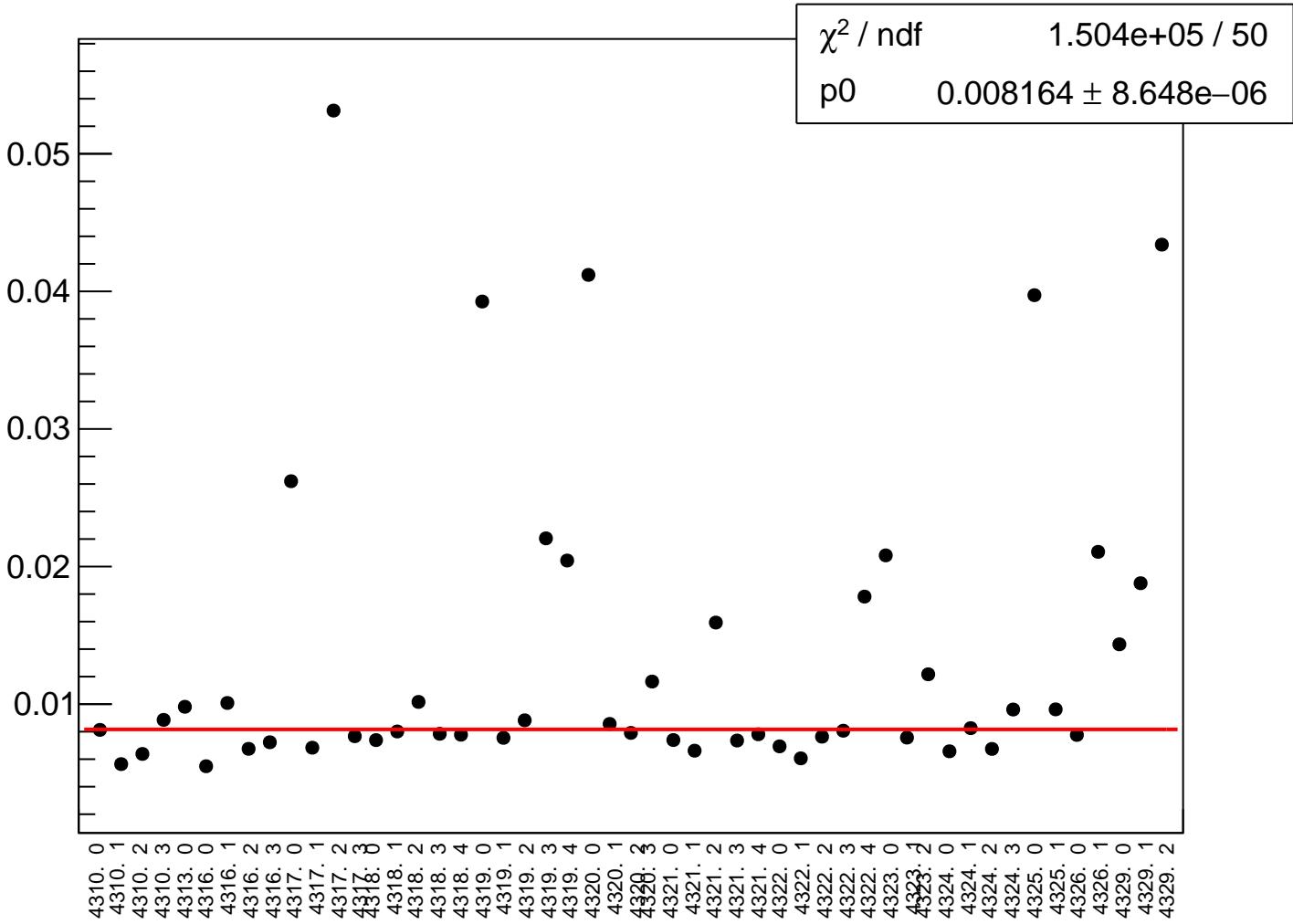
# yield\_cav4cX\_rms vs run



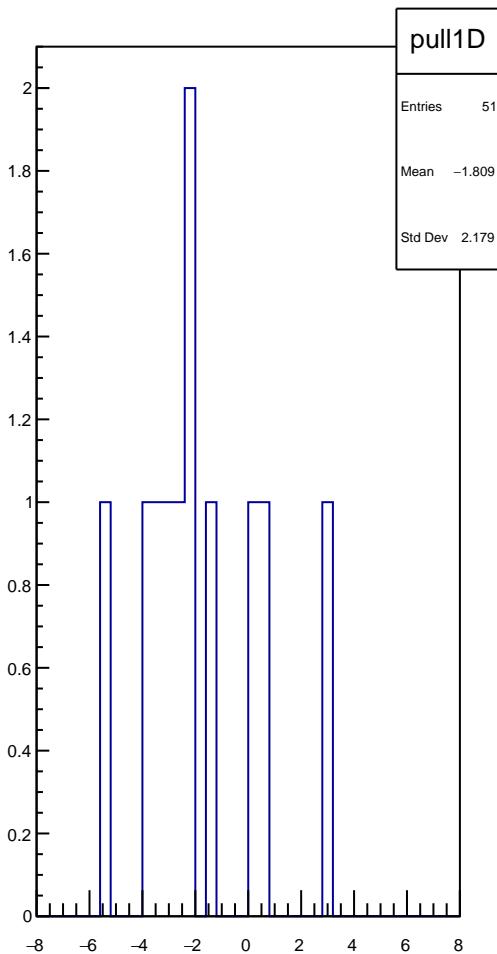
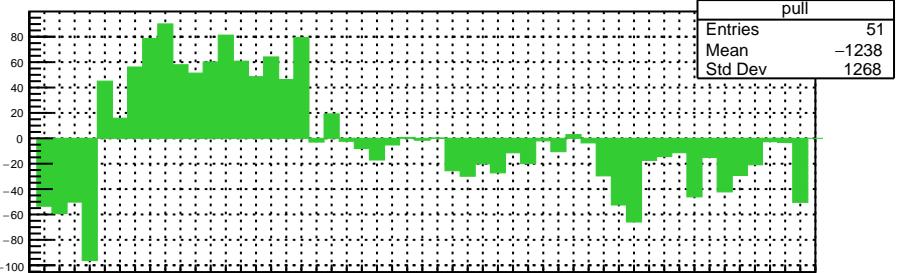
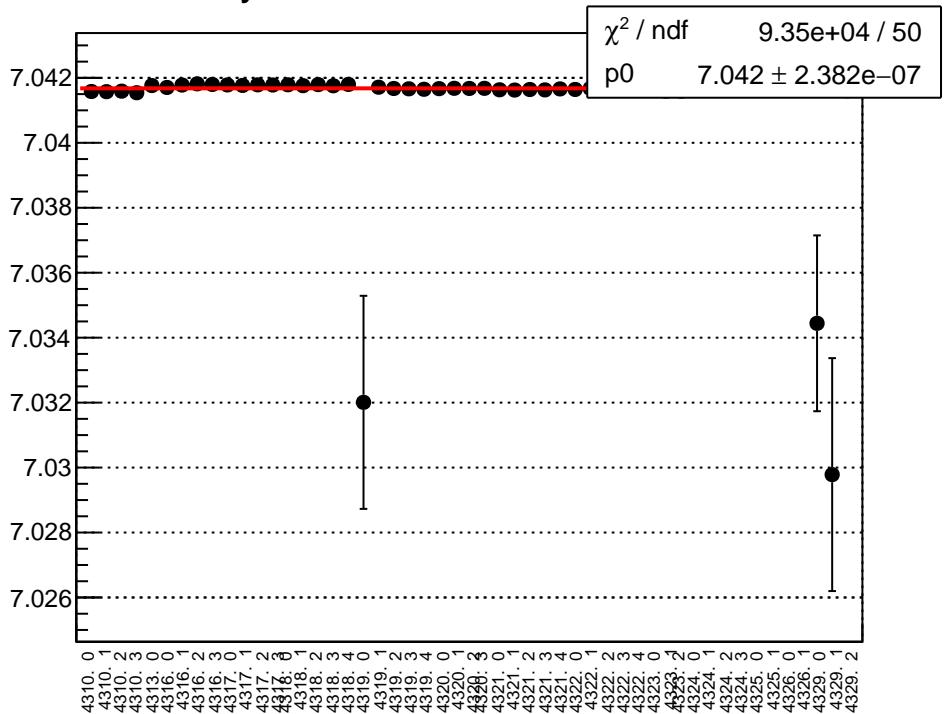
# yield\_cav4cY\_mean vs run



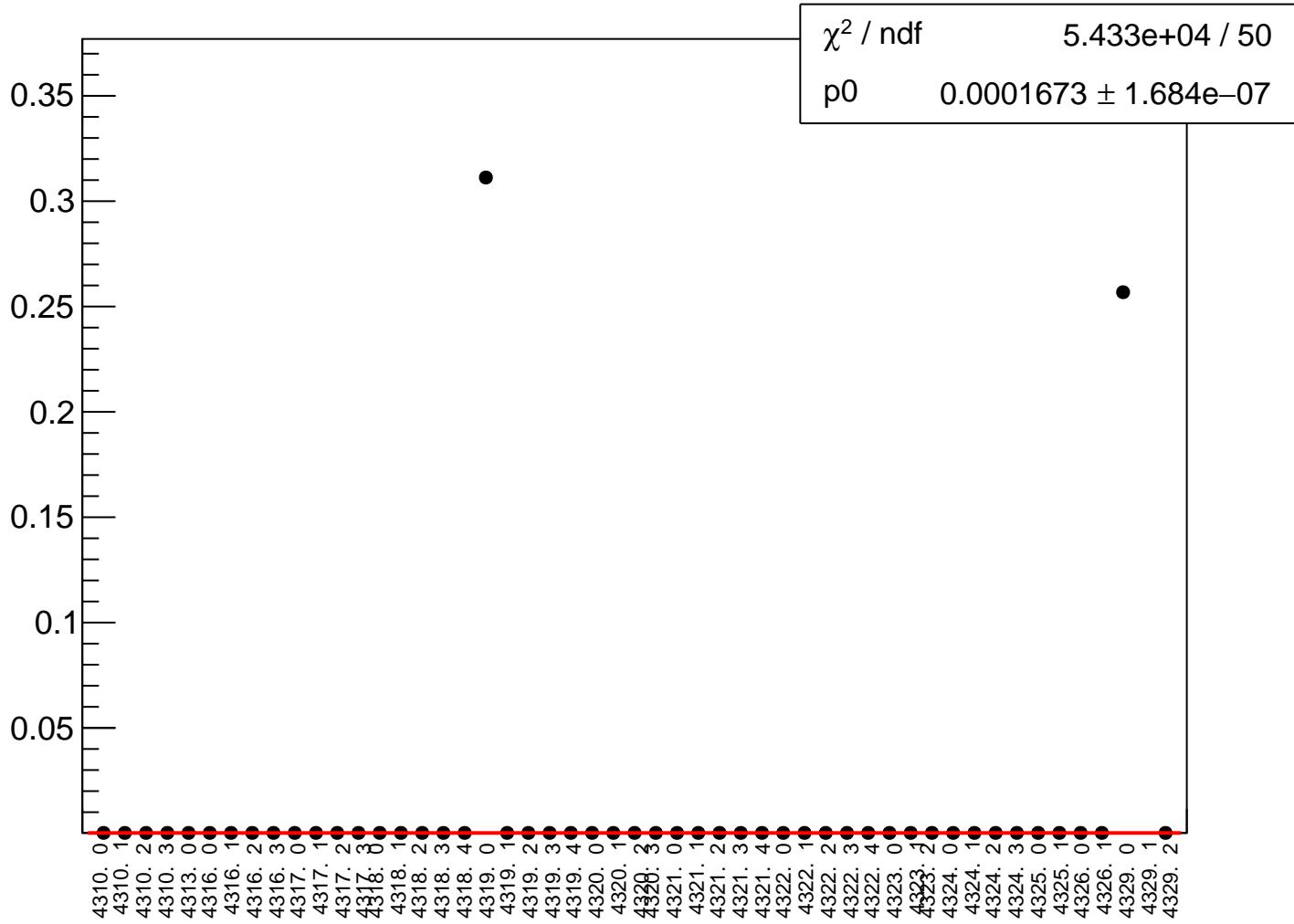
# yield\_cav4cY\_rms vs run



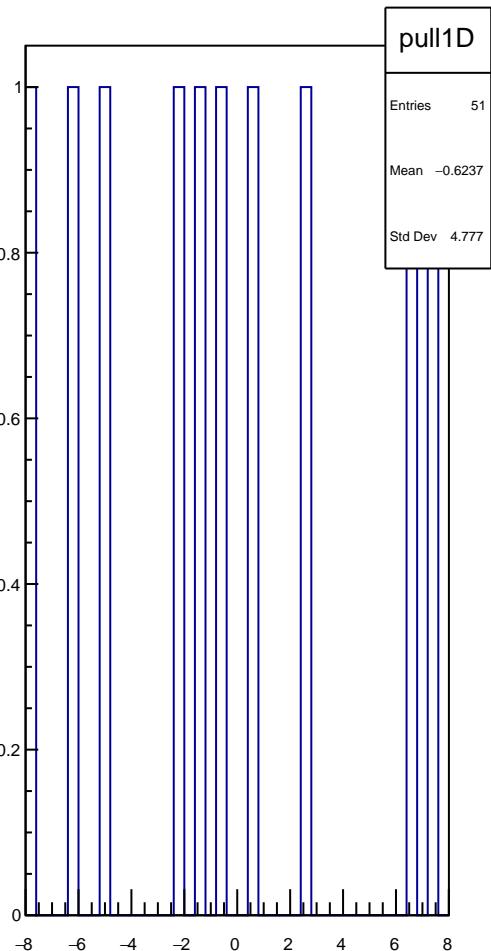
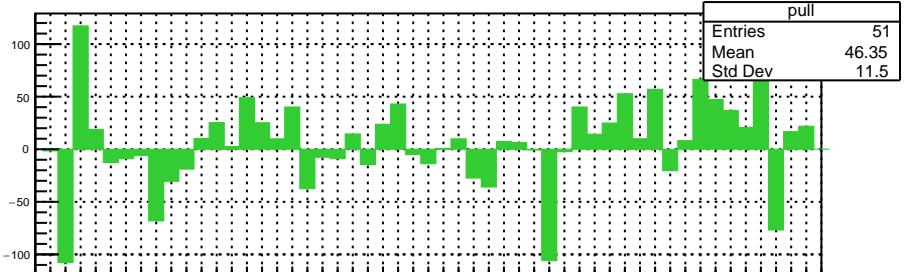
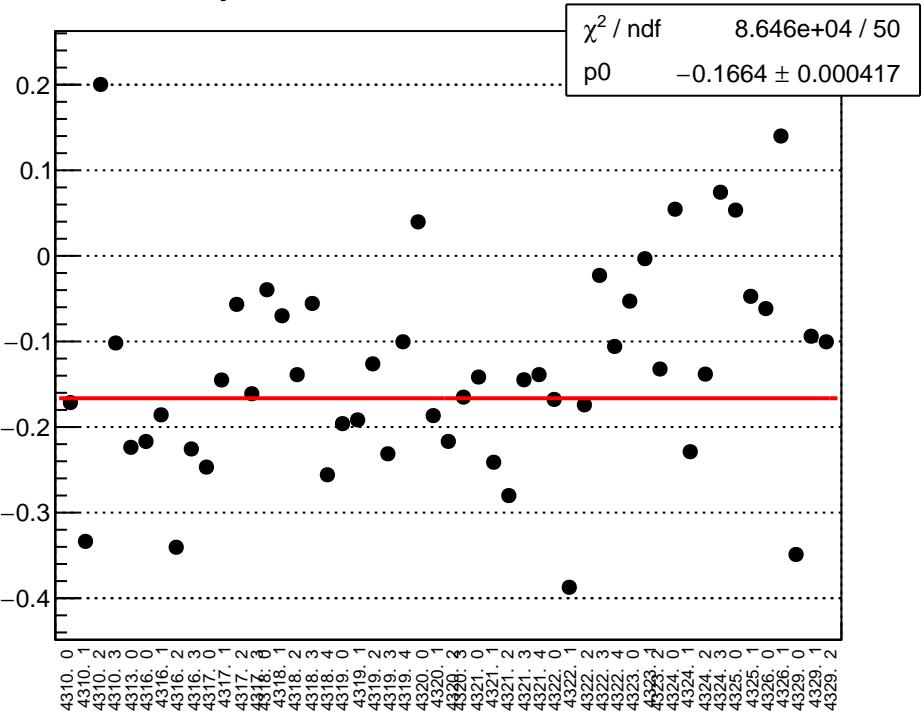
# yield\_cav4dX\_mean vs run



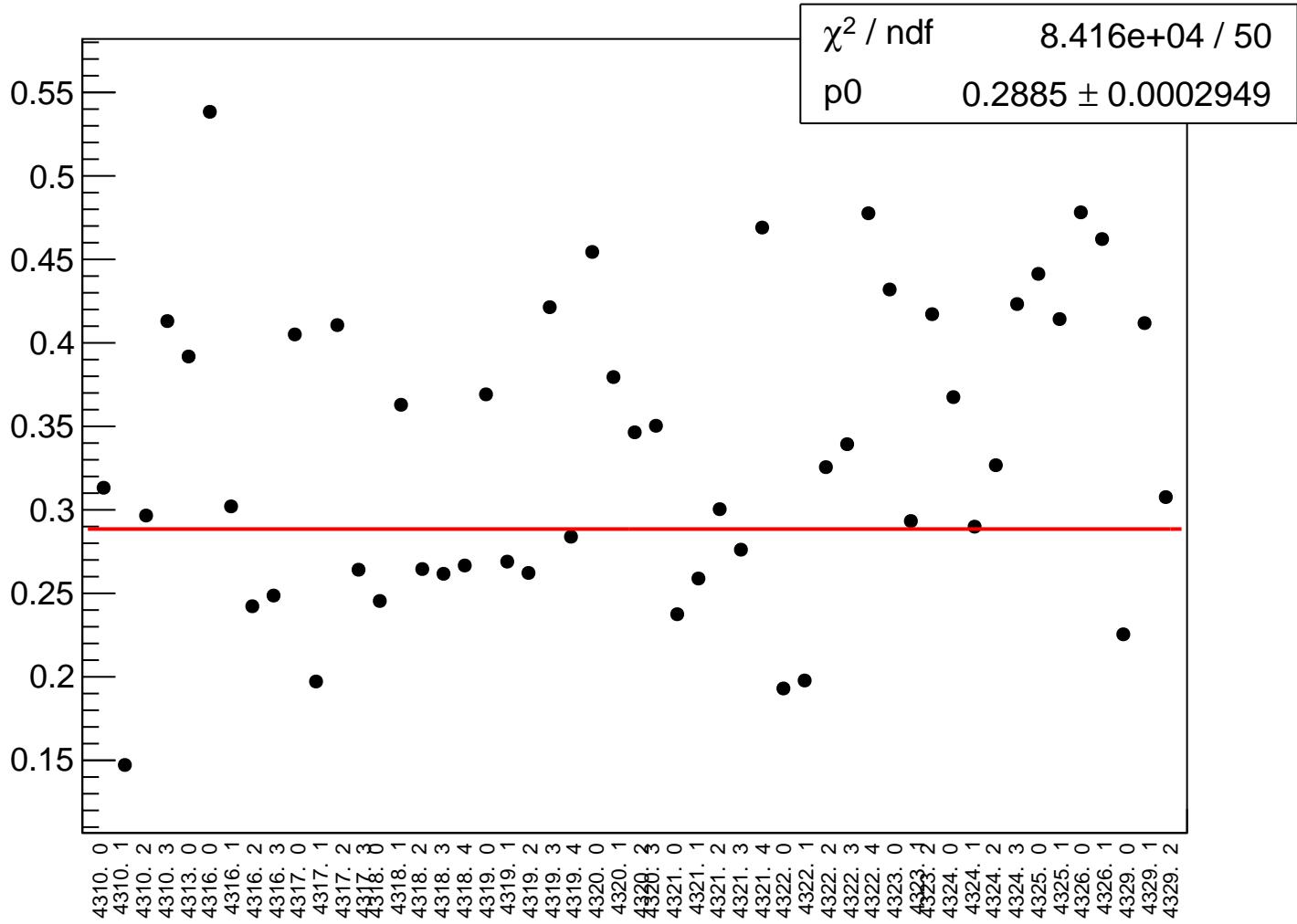
# yield\_cav4dX\_rms vs run



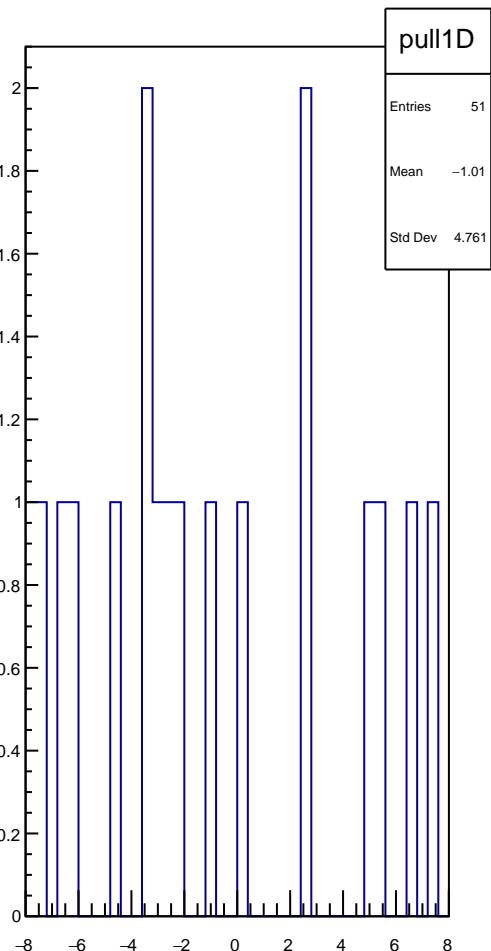
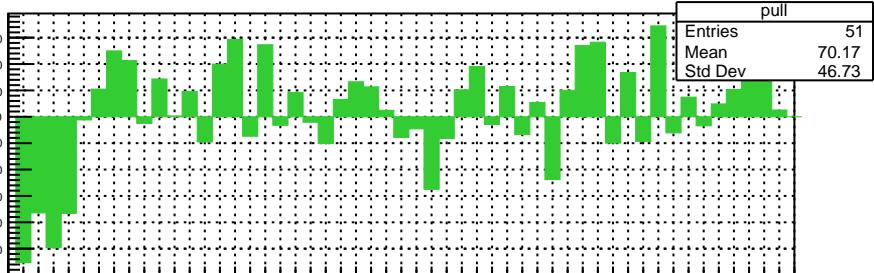
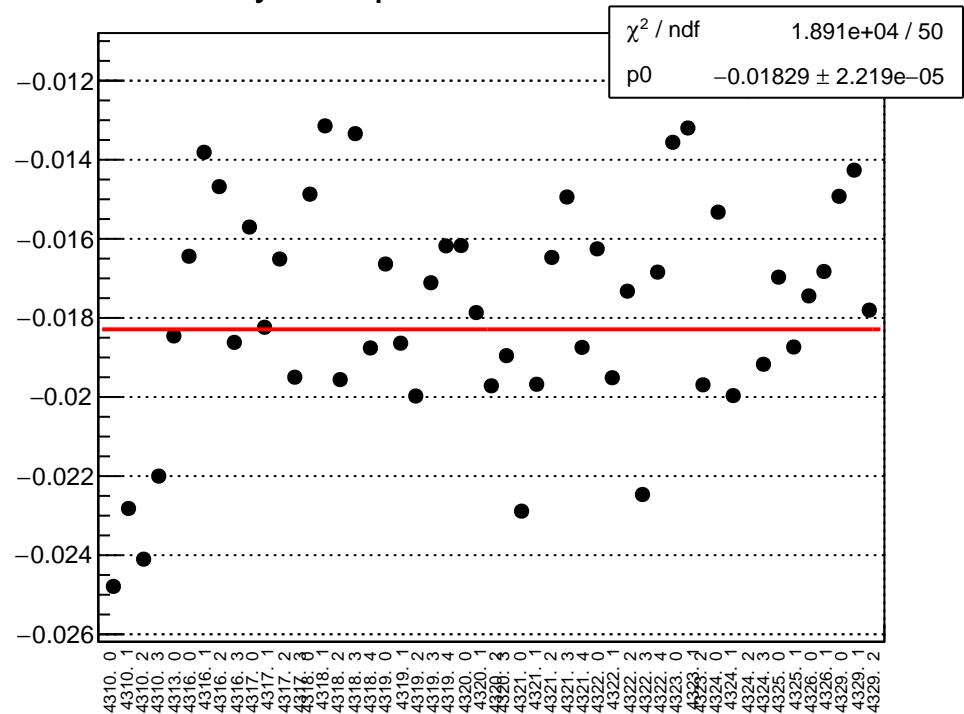
# yield\_cav4dY\_mean vs run



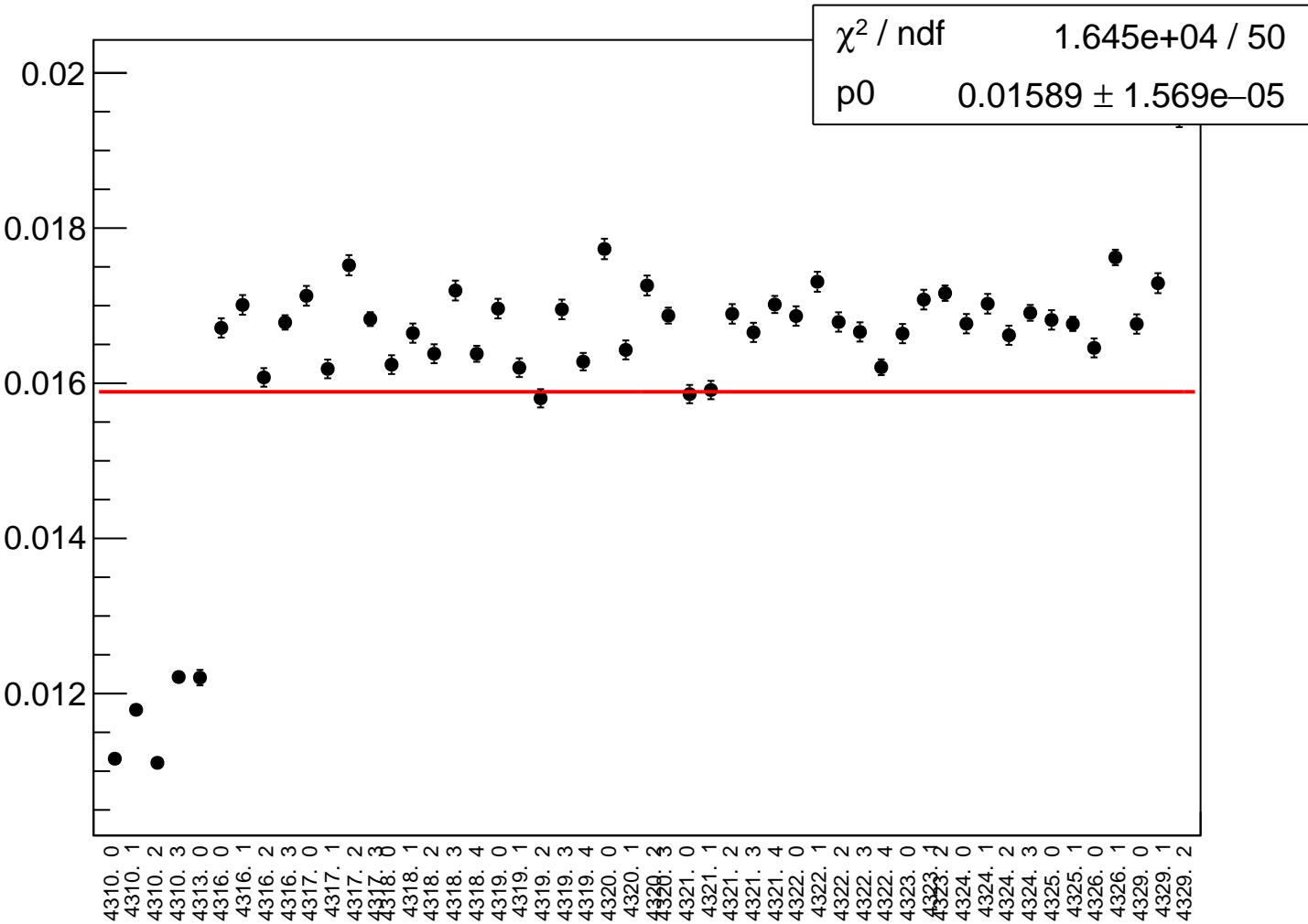
# yield\_cav4dY\_rms vs run



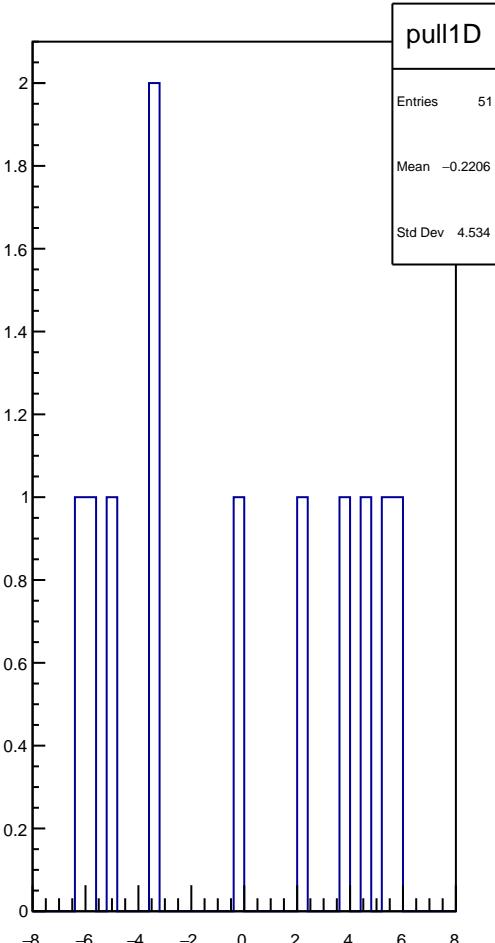
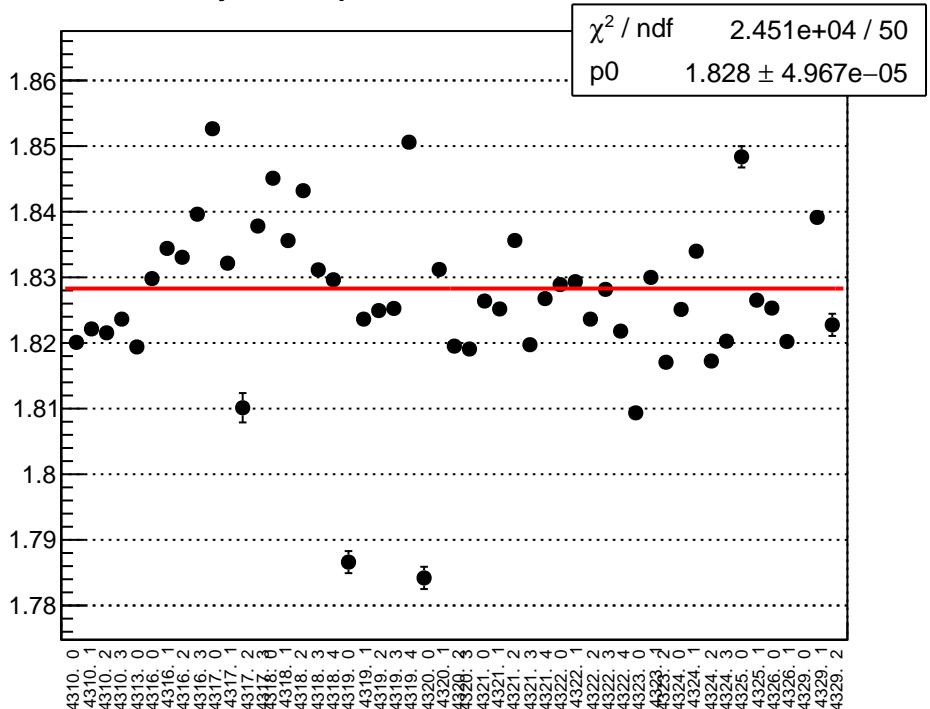
# yield\_bpm4aX\_mean vs run



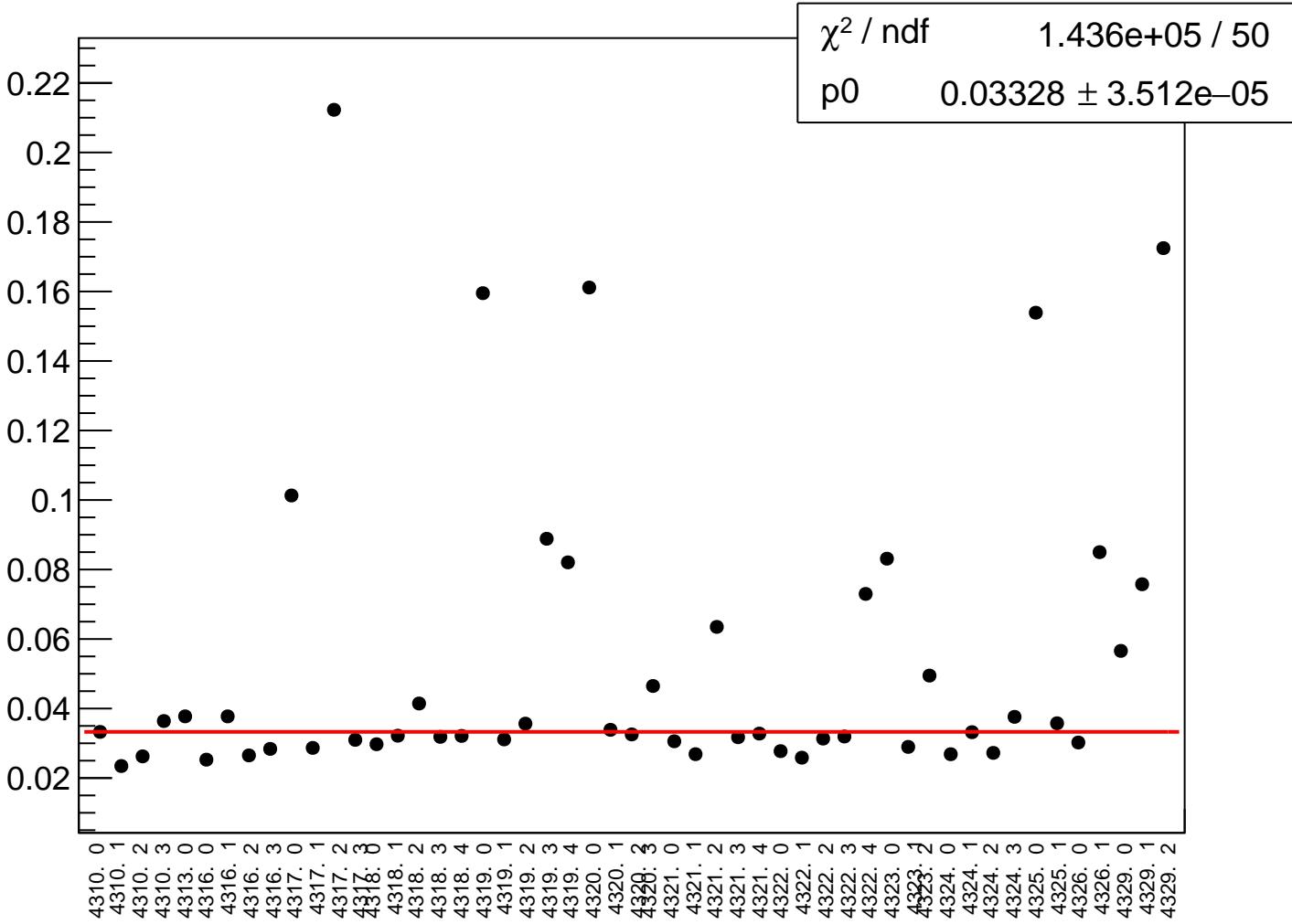
# yield\_bpm4aX\_rms vs run



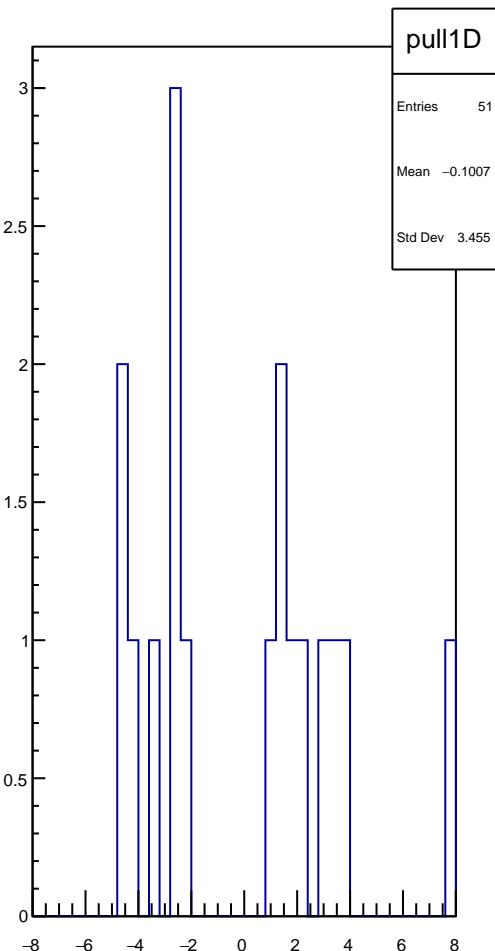
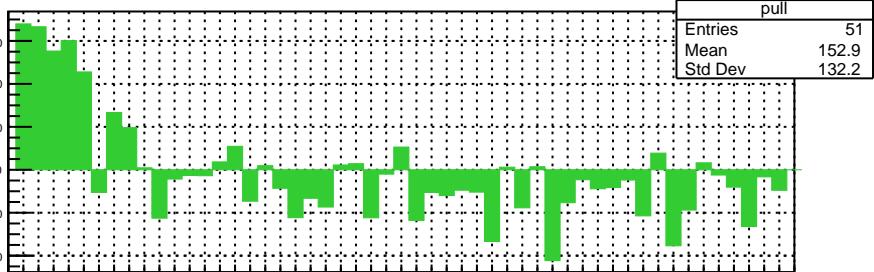
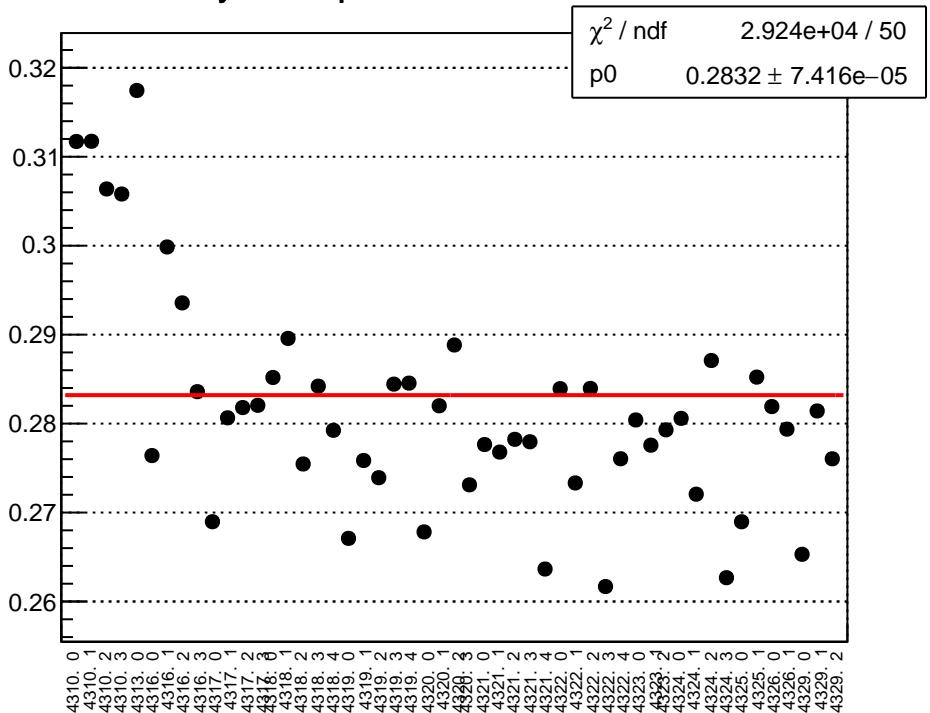
# yield\_bpm4aY\_mean vs run



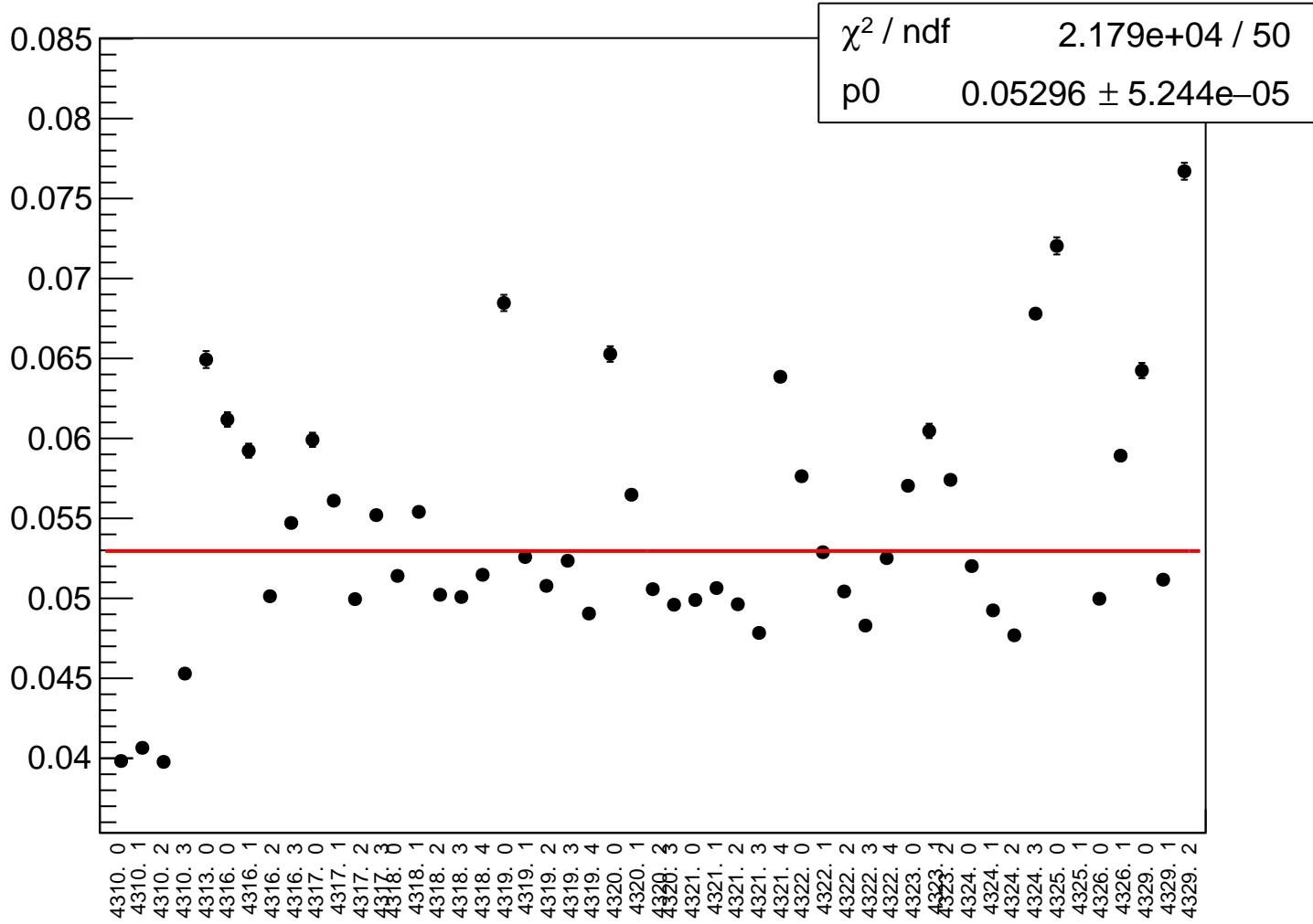
# yield\_bpm4aY\_rms vs run



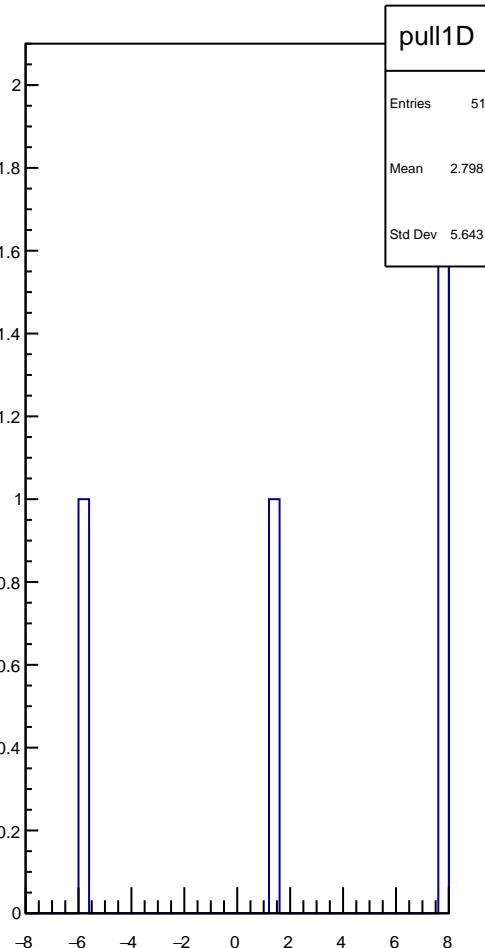
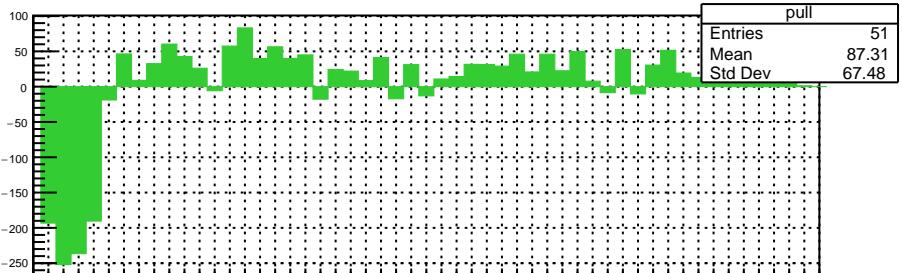
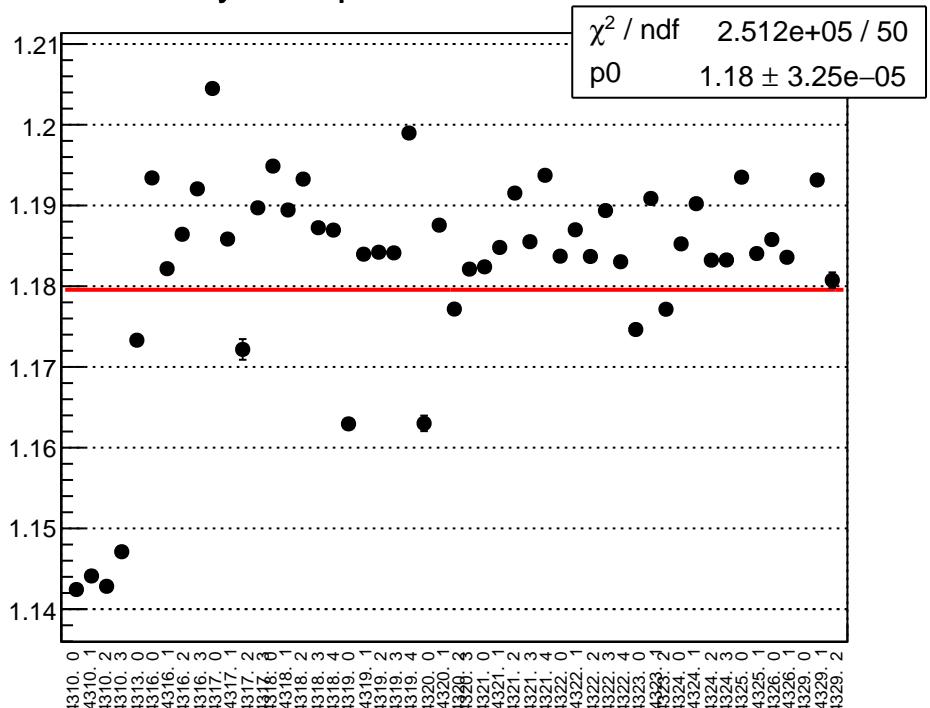
# yield\_bpm4eX\_mean vs run



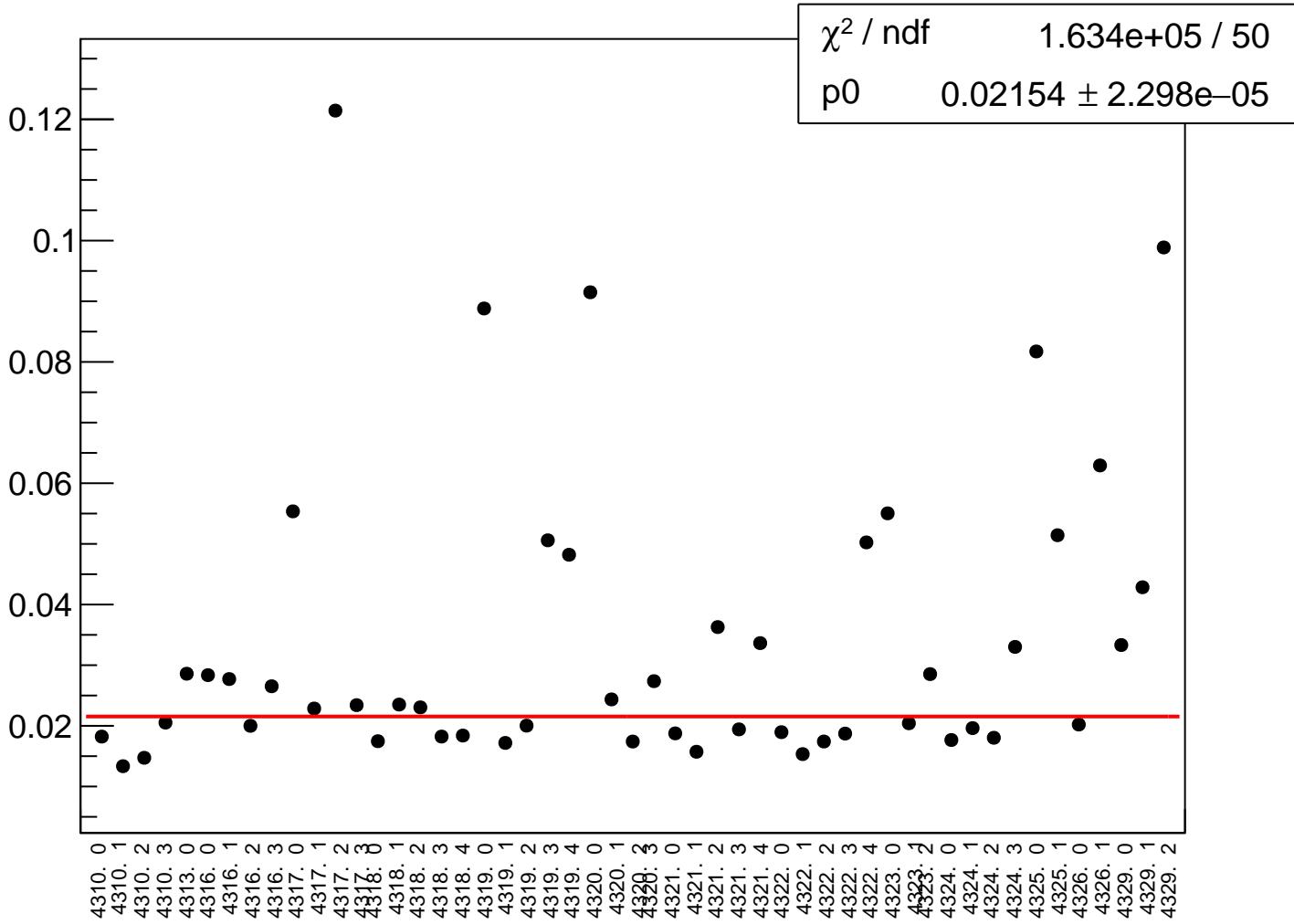
# yield\_bpm4eX\_rms vs run



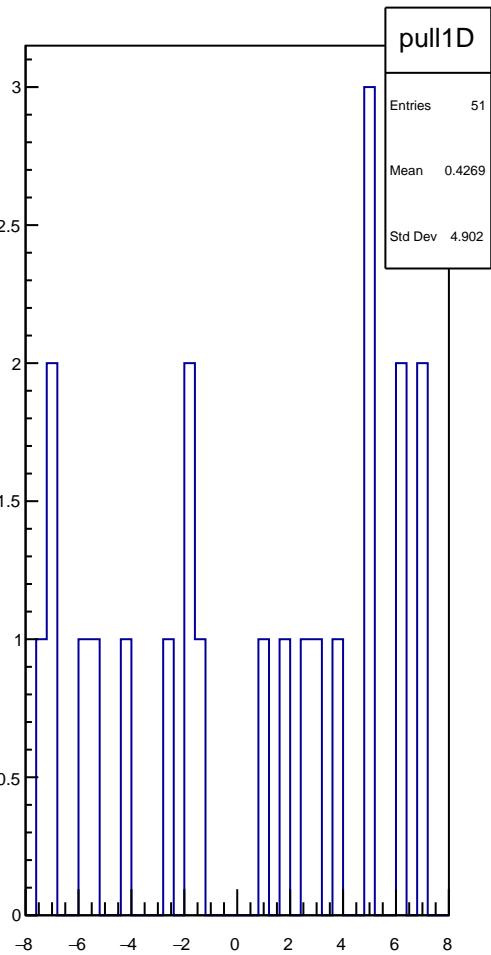
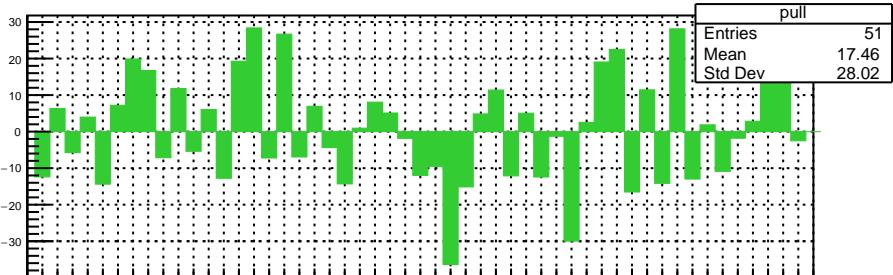
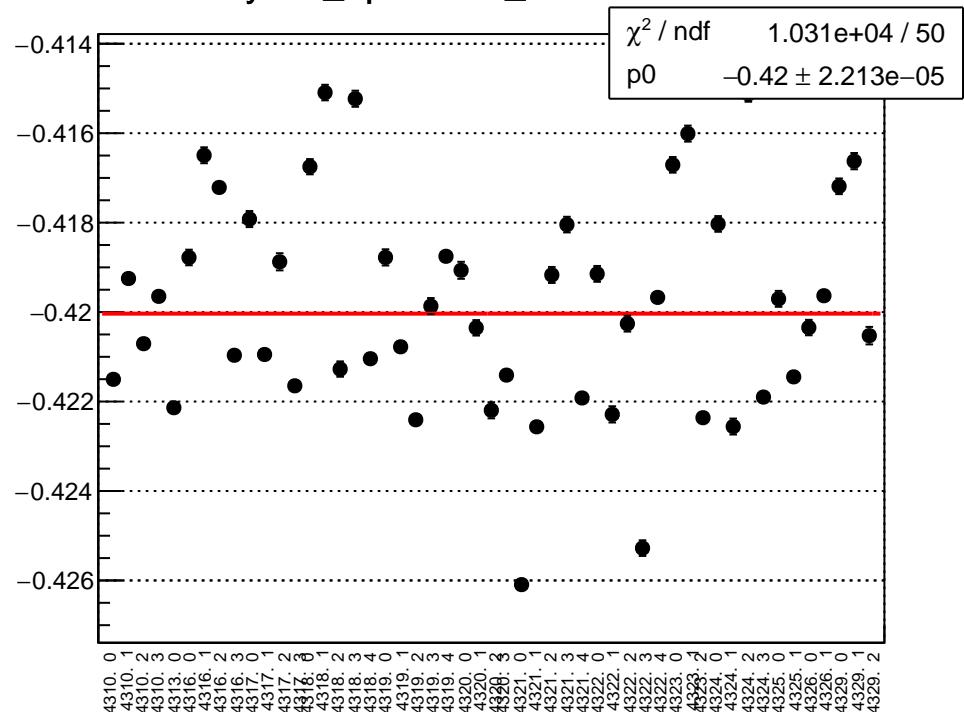
# yield\_bpm4eY\_mean vs run



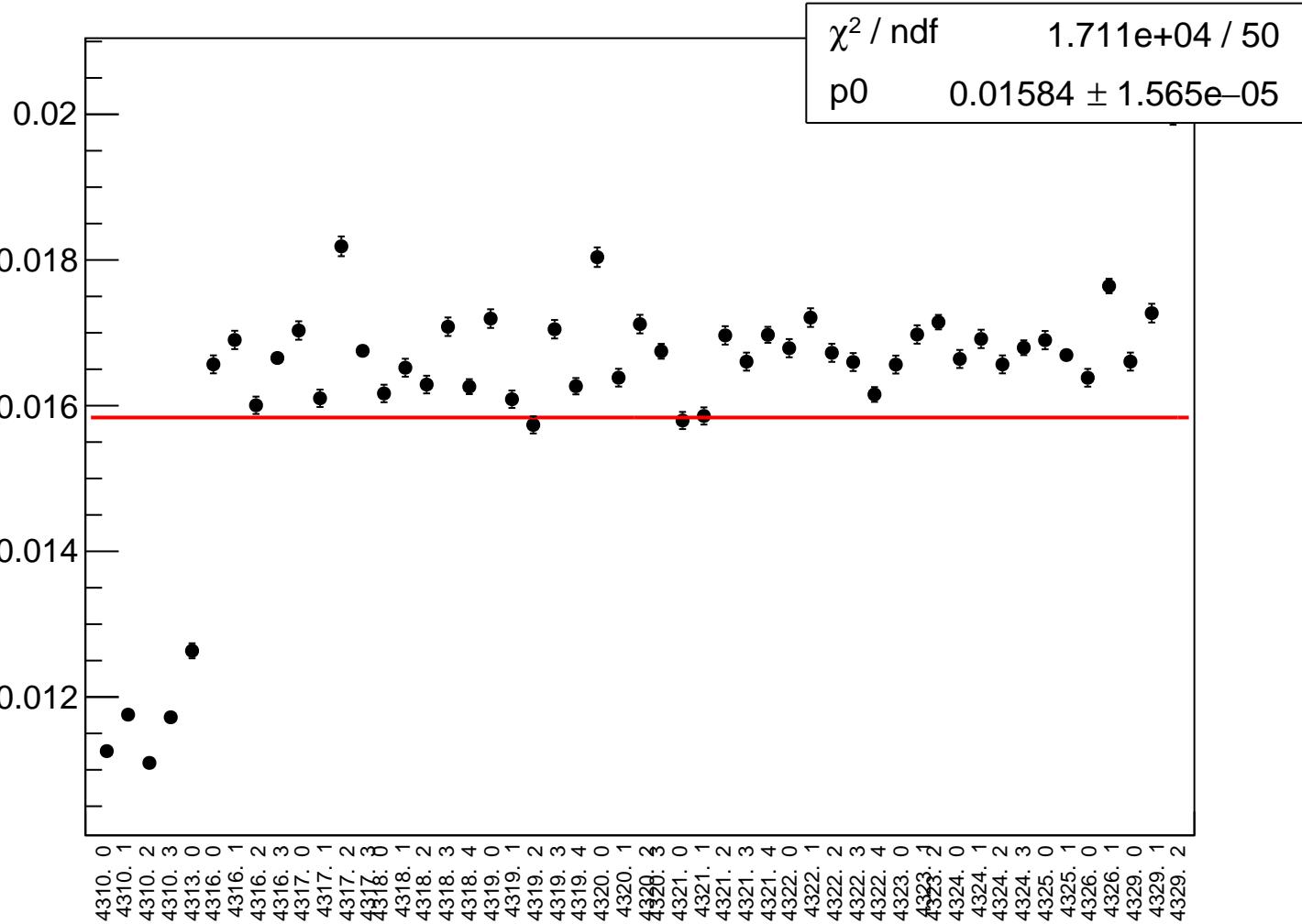
# yield\_bpm4eY\_rms vs run



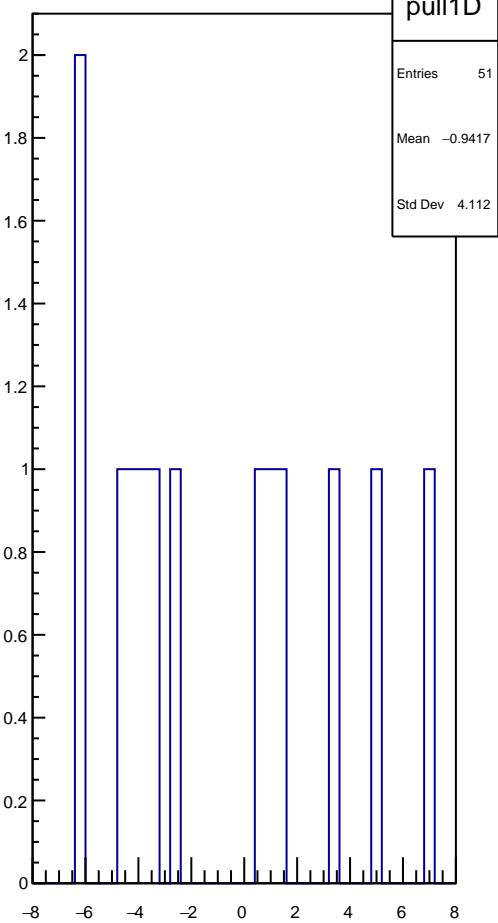
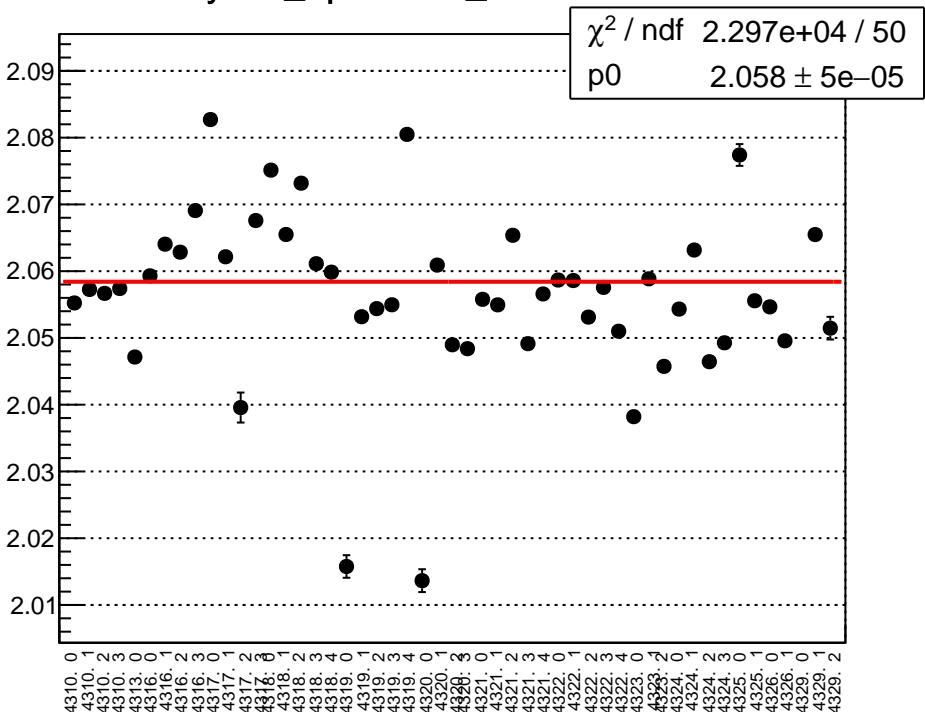
# yield\_bpm4acX\_mean vs run



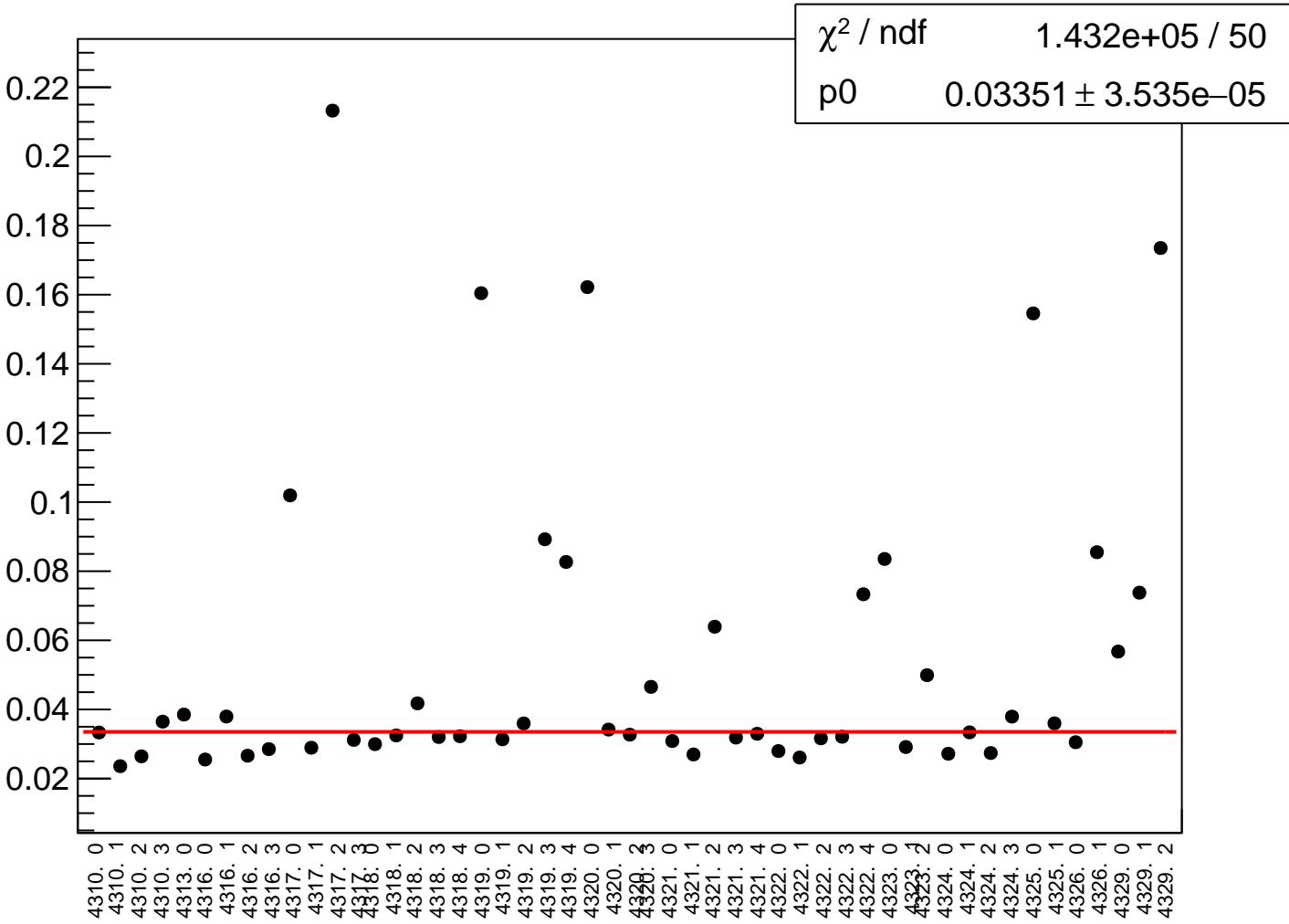
# yield\_bpm4acX\_rms vs run



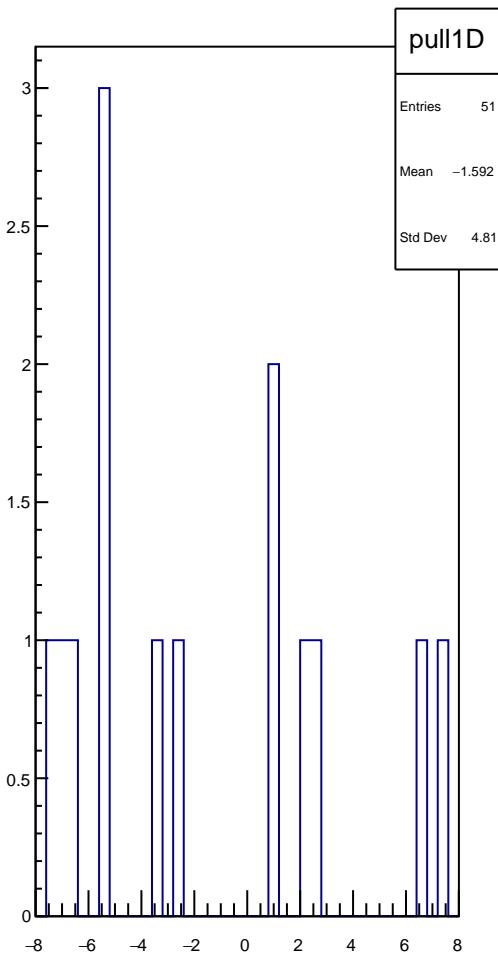
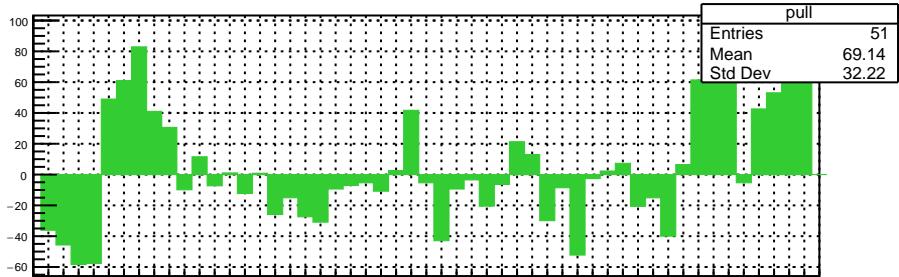
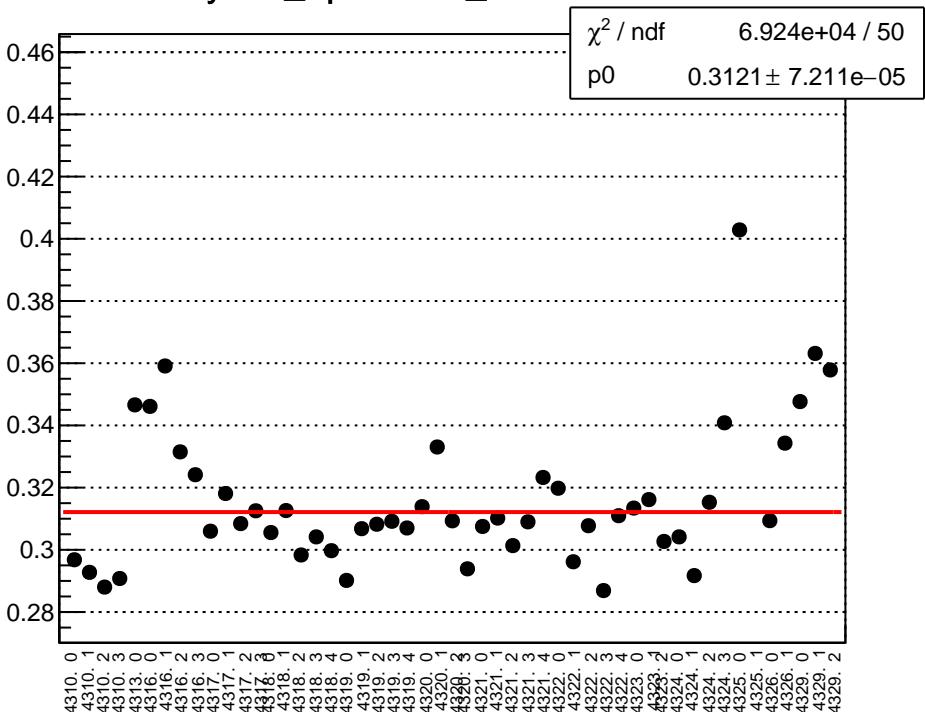
# yield\_bpm4acY\_mean vs run



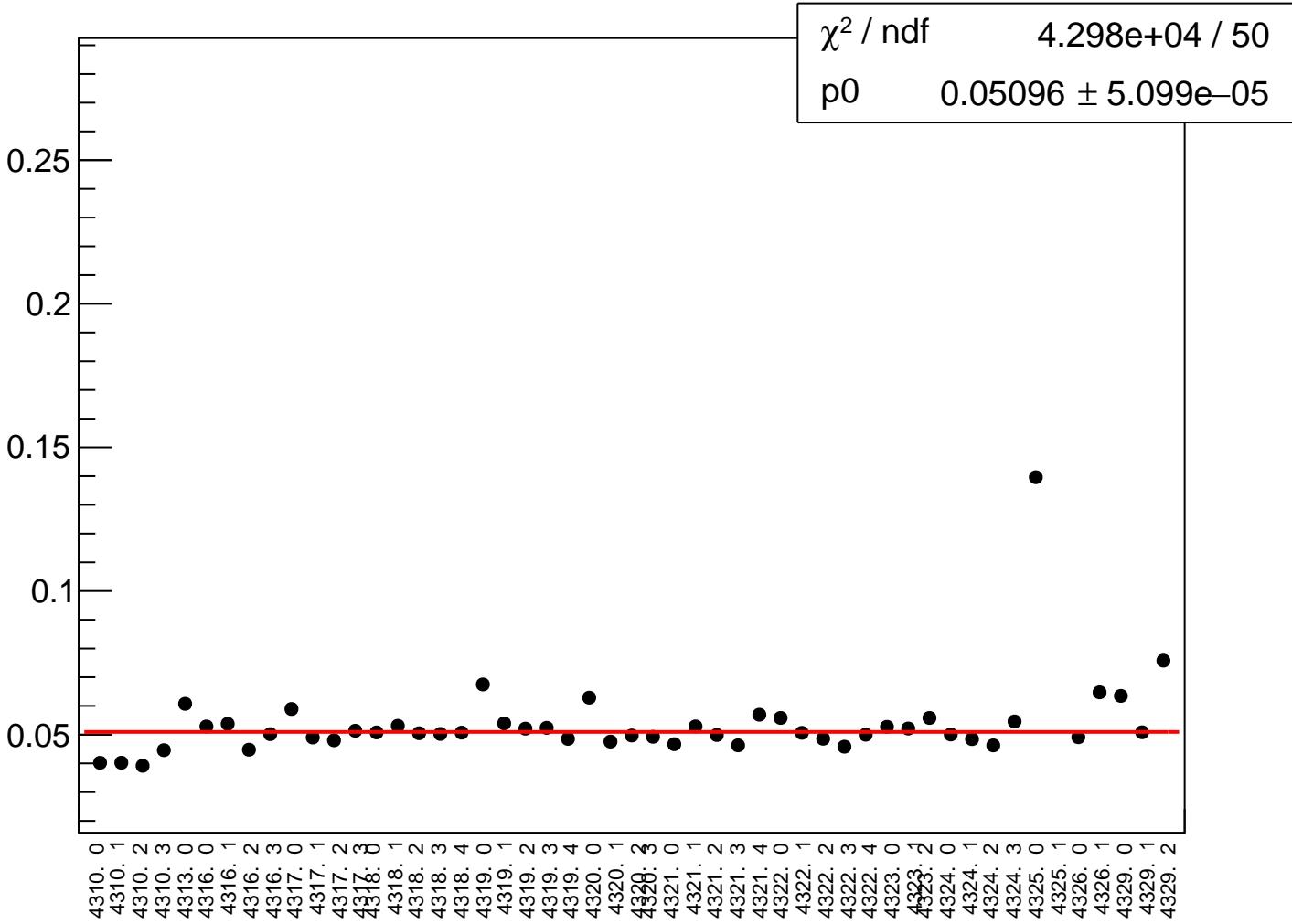
# yield\_bpm4acY\_rms vs run



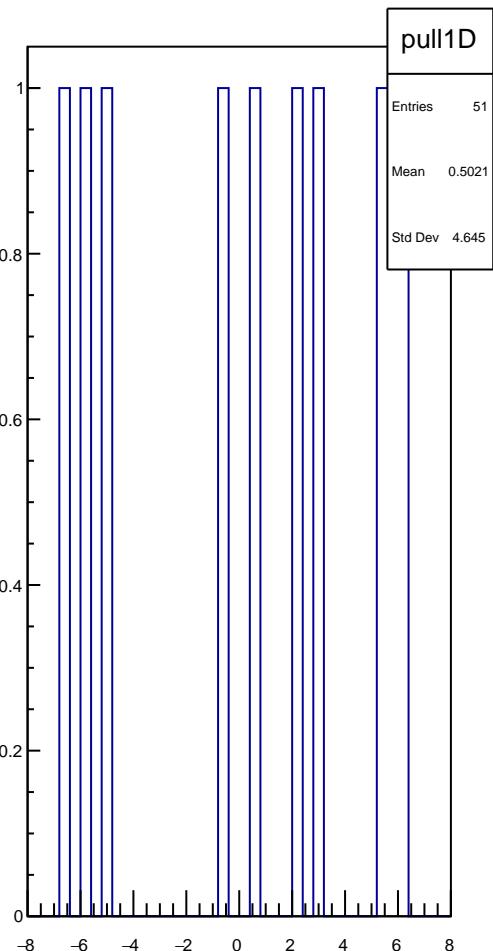
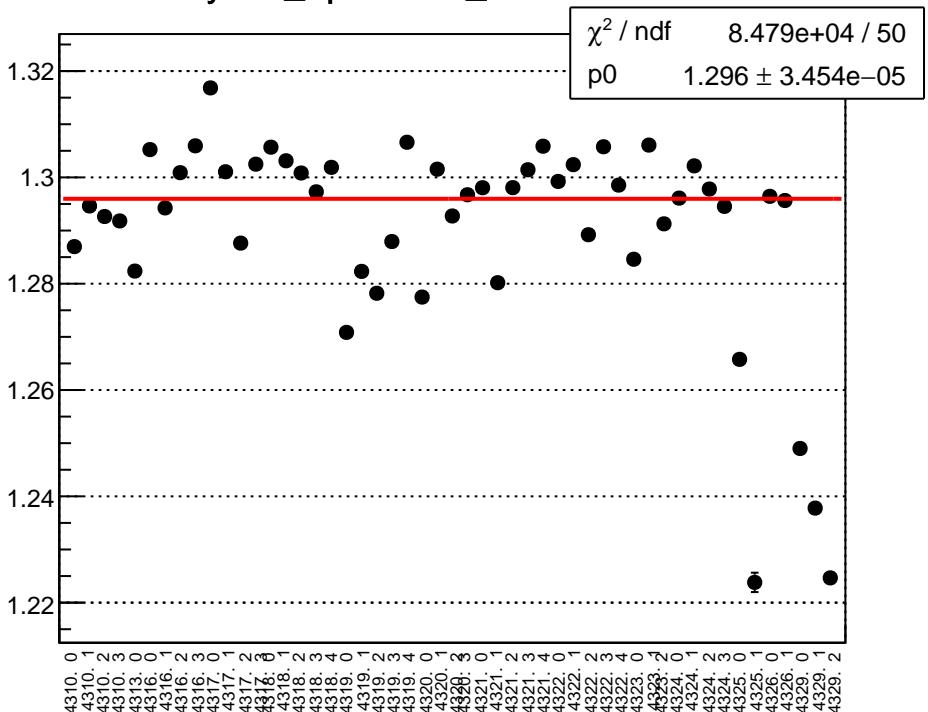
# yield\_bpm4ecX\_mean vs run



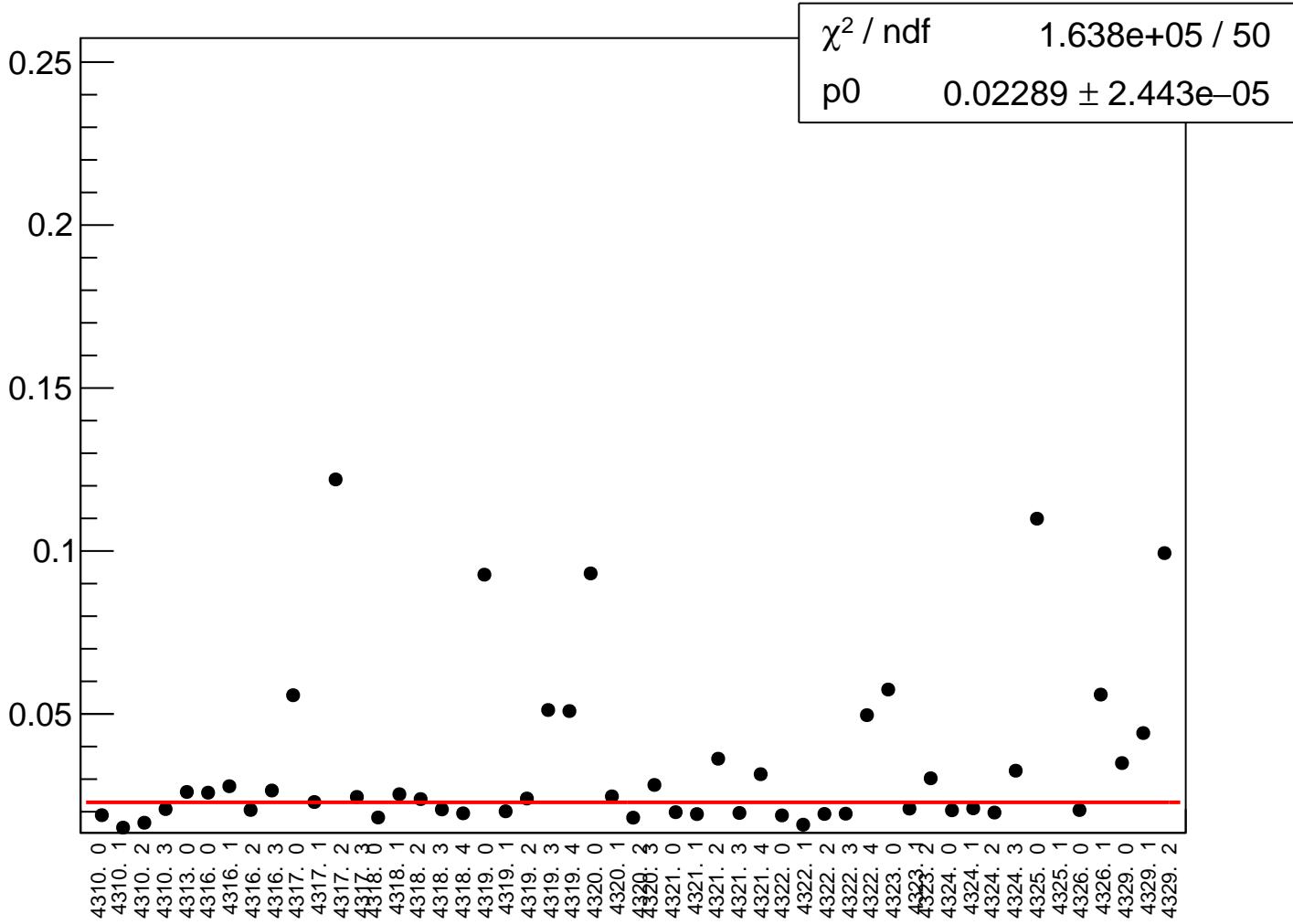
# yield\_bpm4ecX\_rms vs run



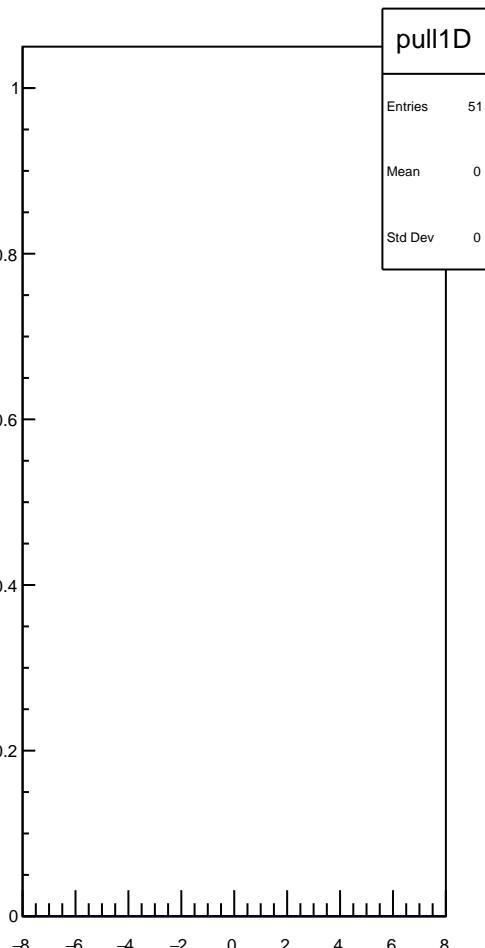
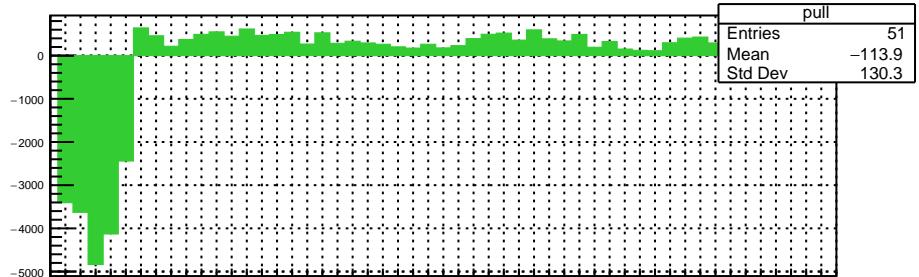
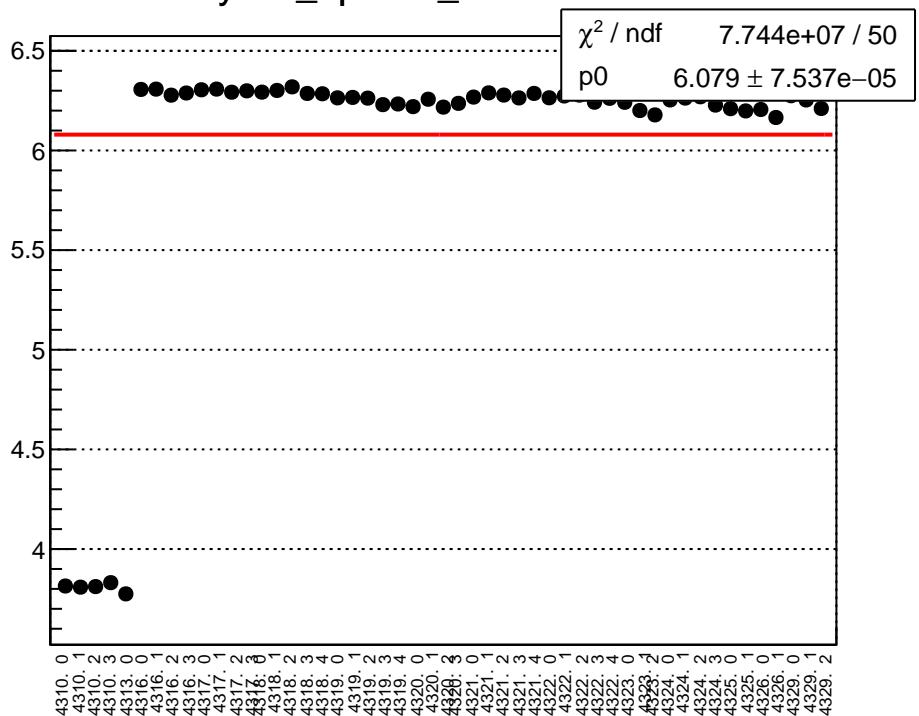
# yield\_bpm4ecY\_mean vs run



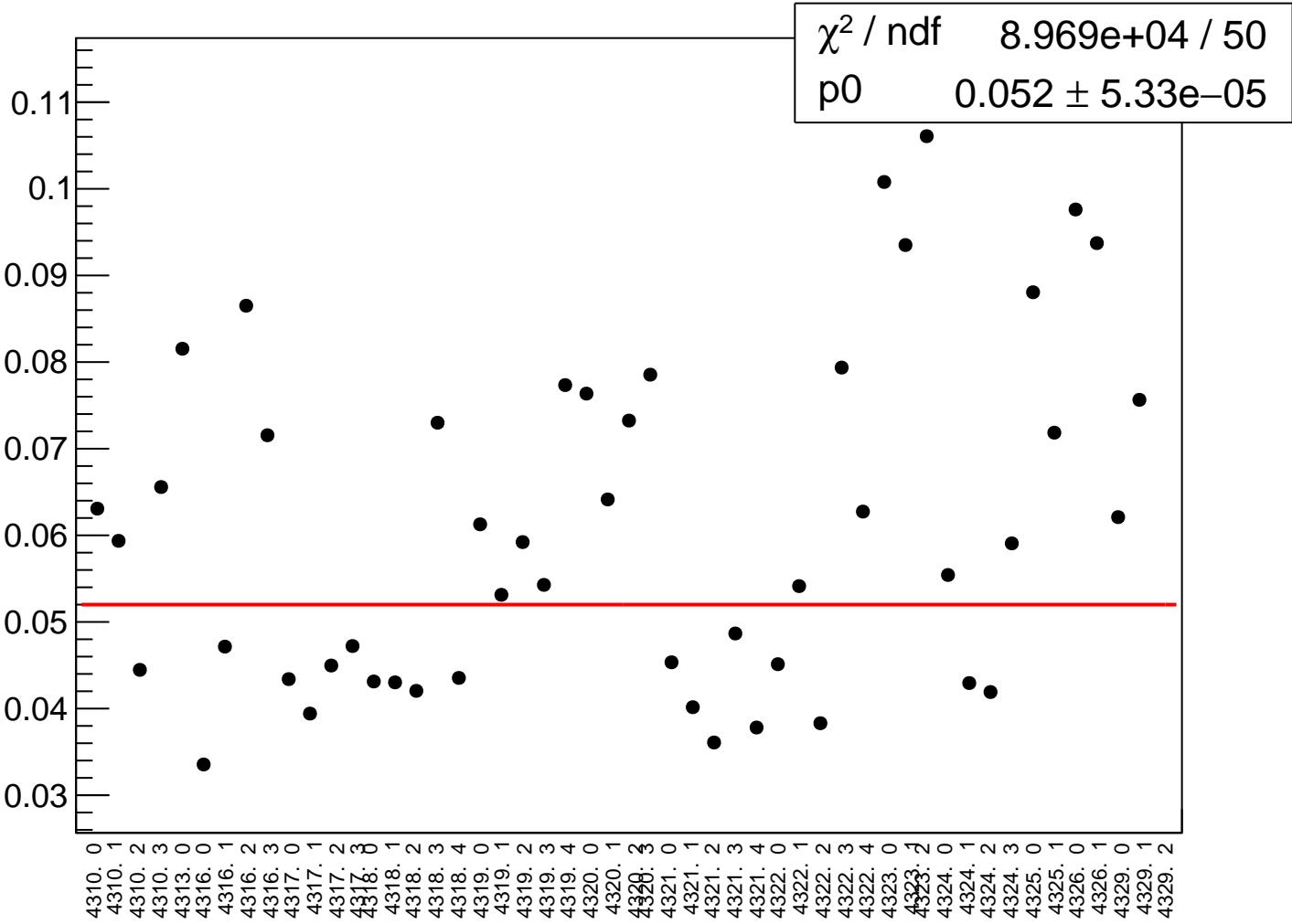
# yield\_bpm4ecY\_rms vs run



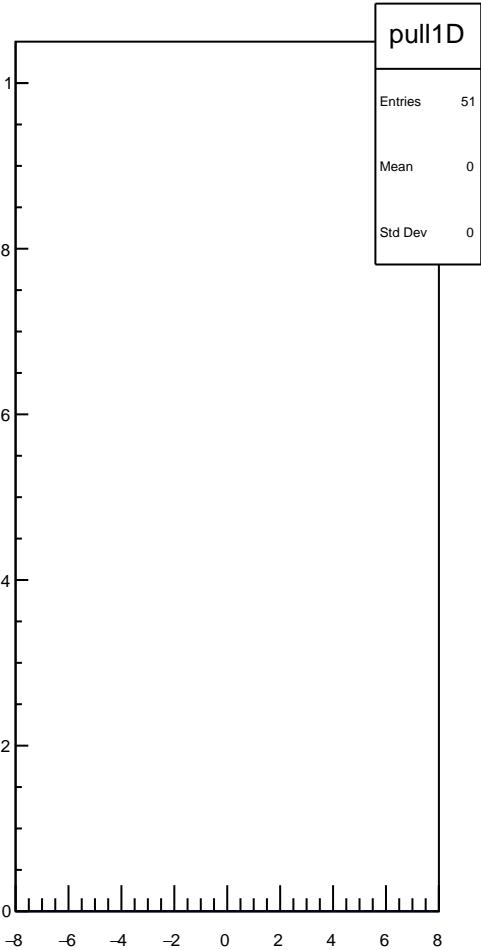
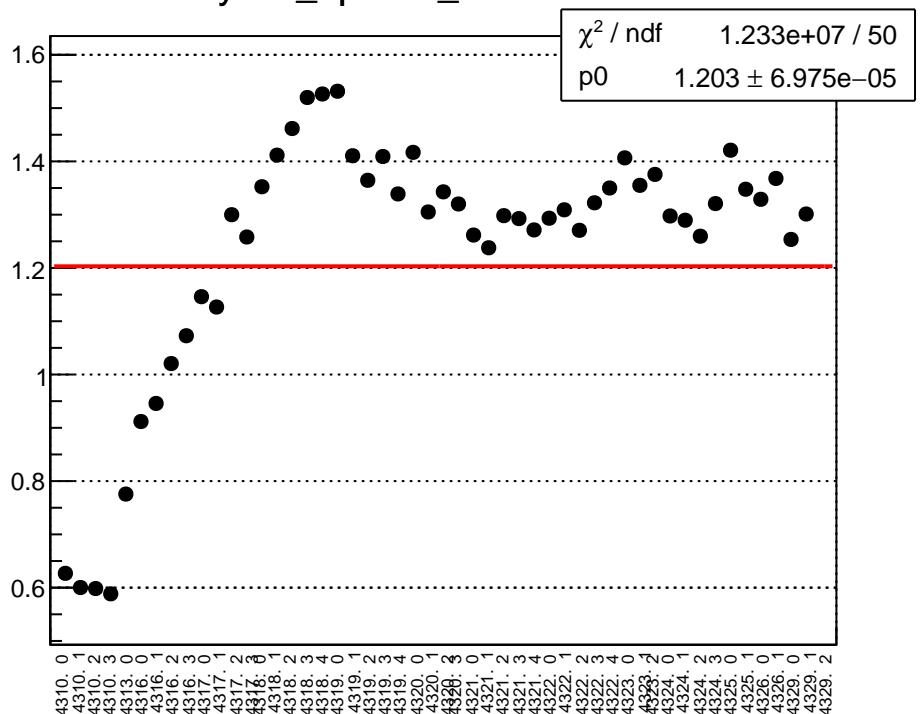
# yield\_bpm1X\_mean vs run



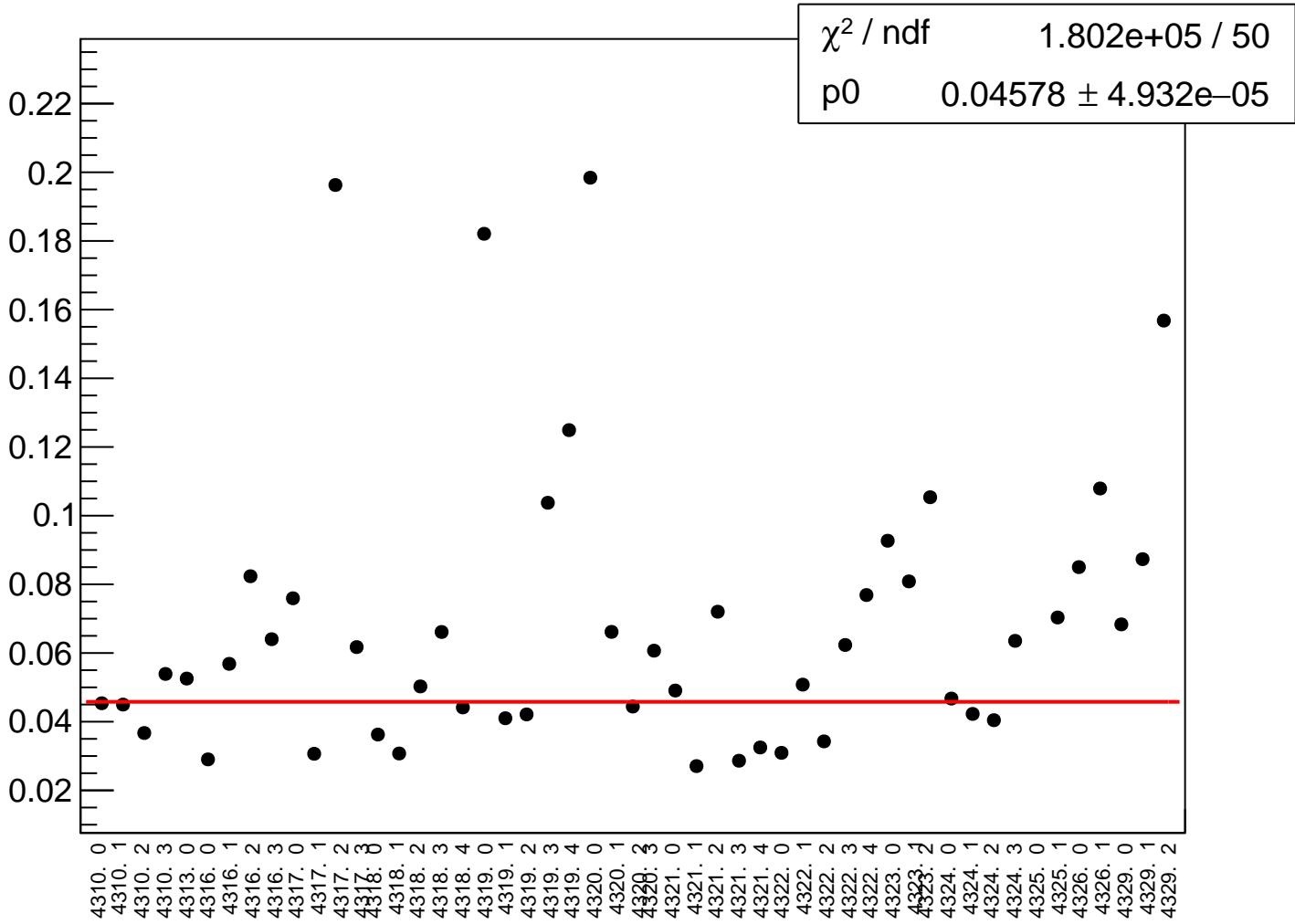
# yield\_bpm1X\_rms vs run



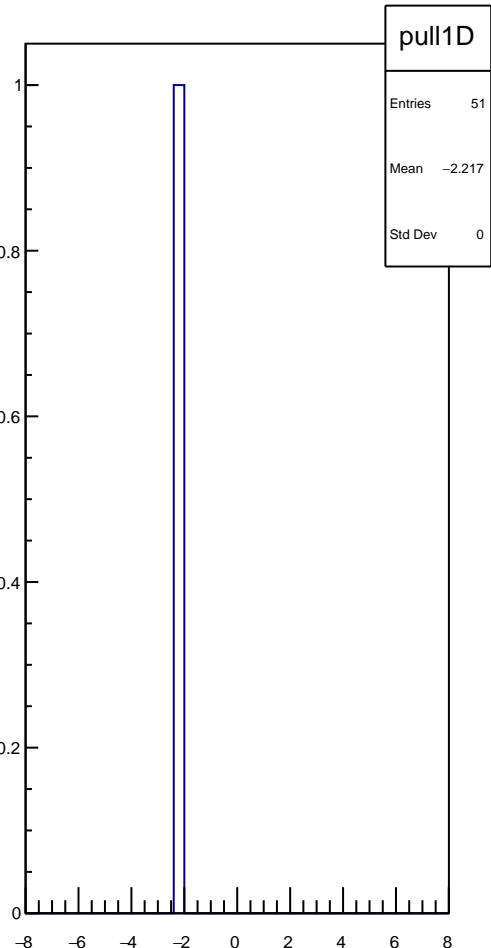
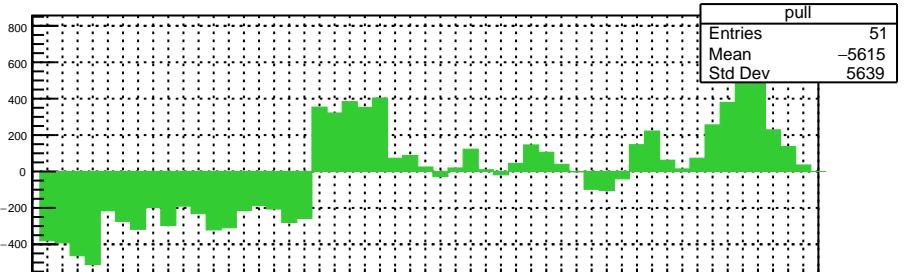
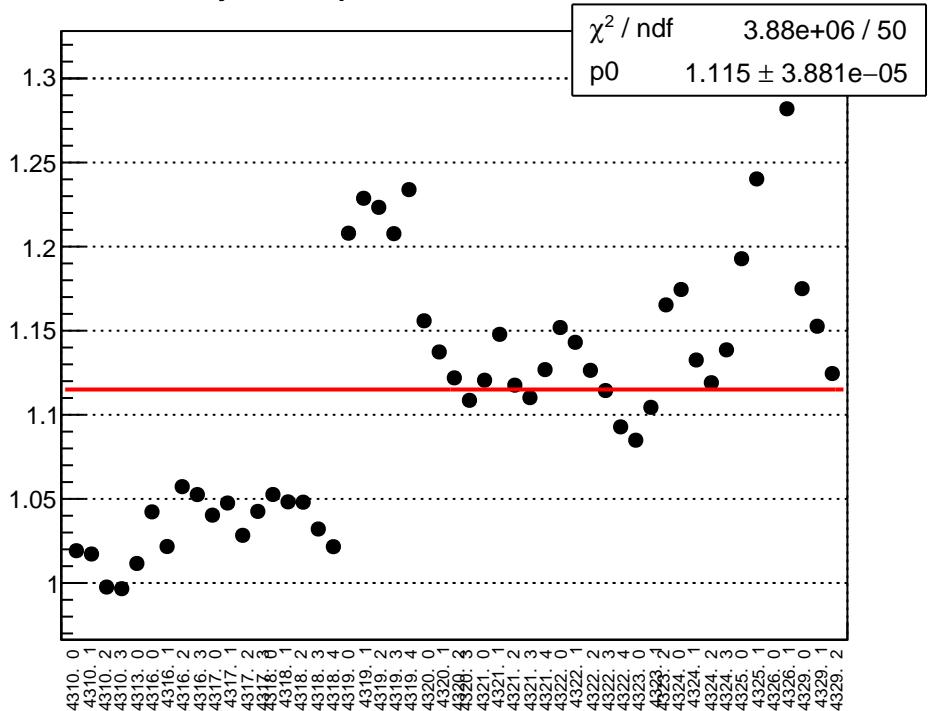
# yield\_bpm1Y\_mean vs run



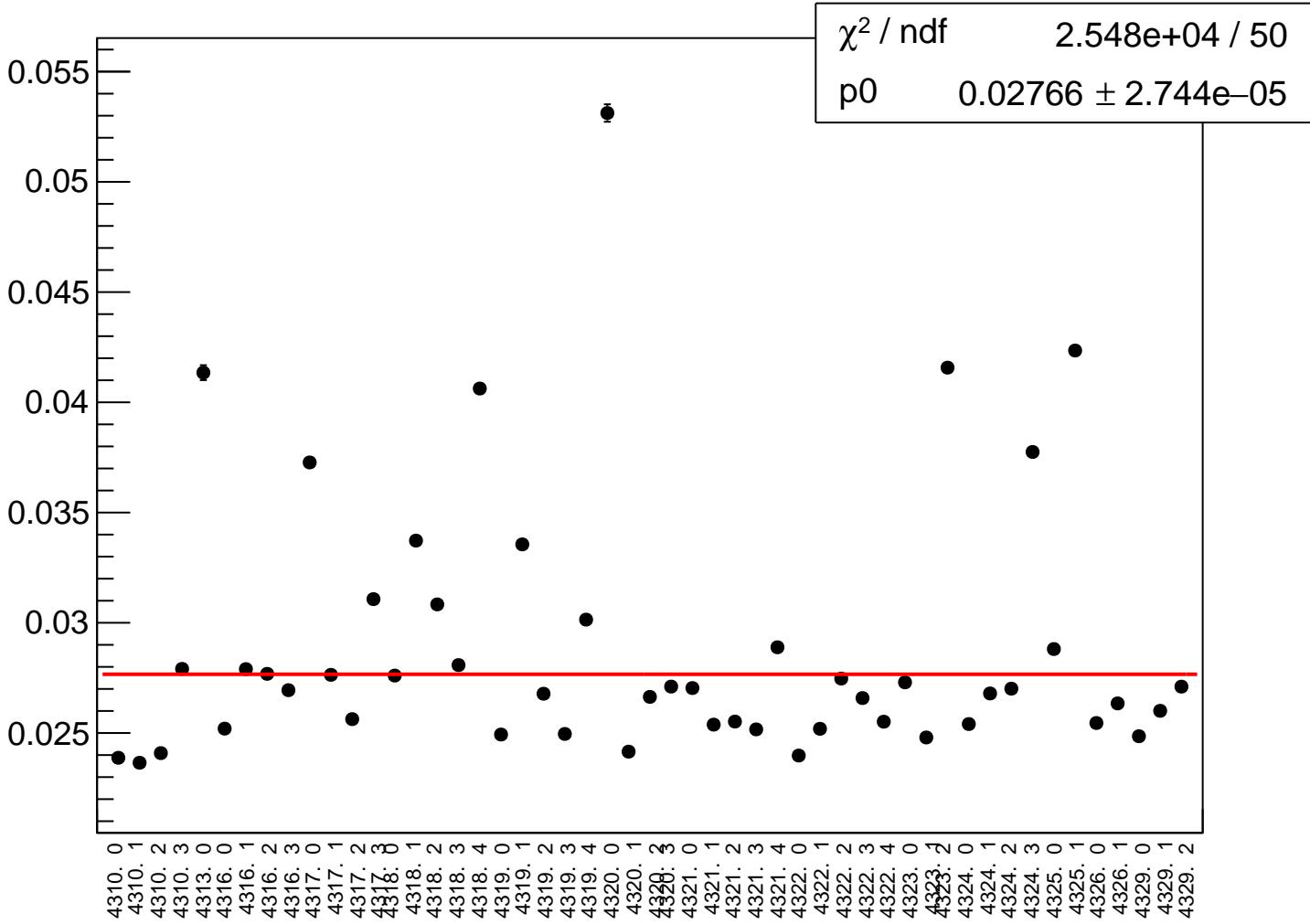
# yield\_bpm1Y\_rms vs run



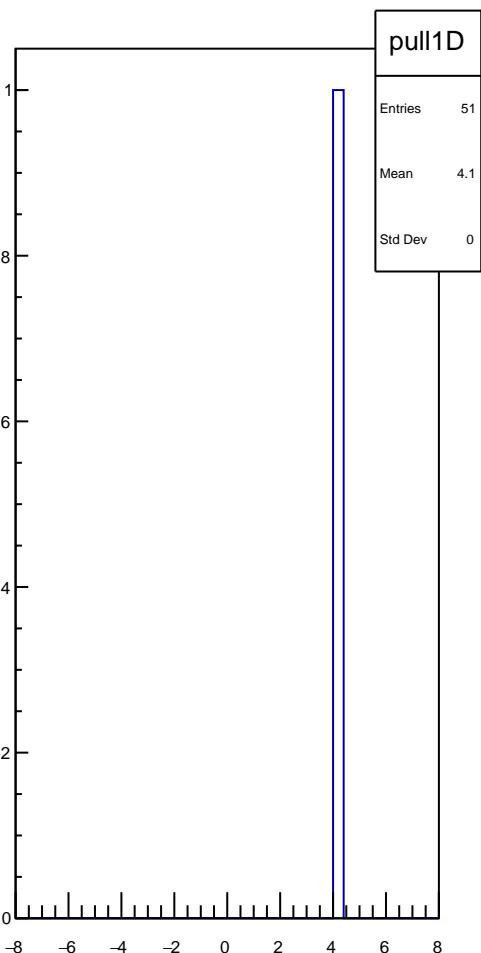
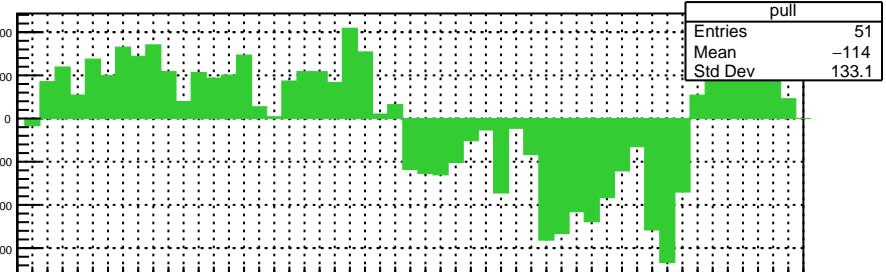
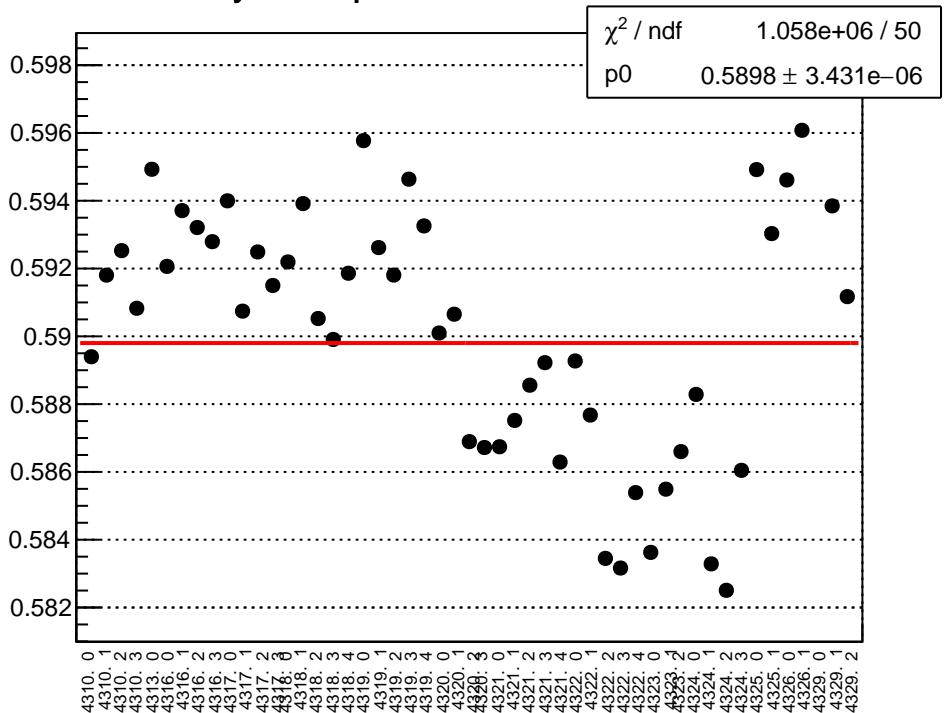
# yield\_bpm11X\_mean vs run



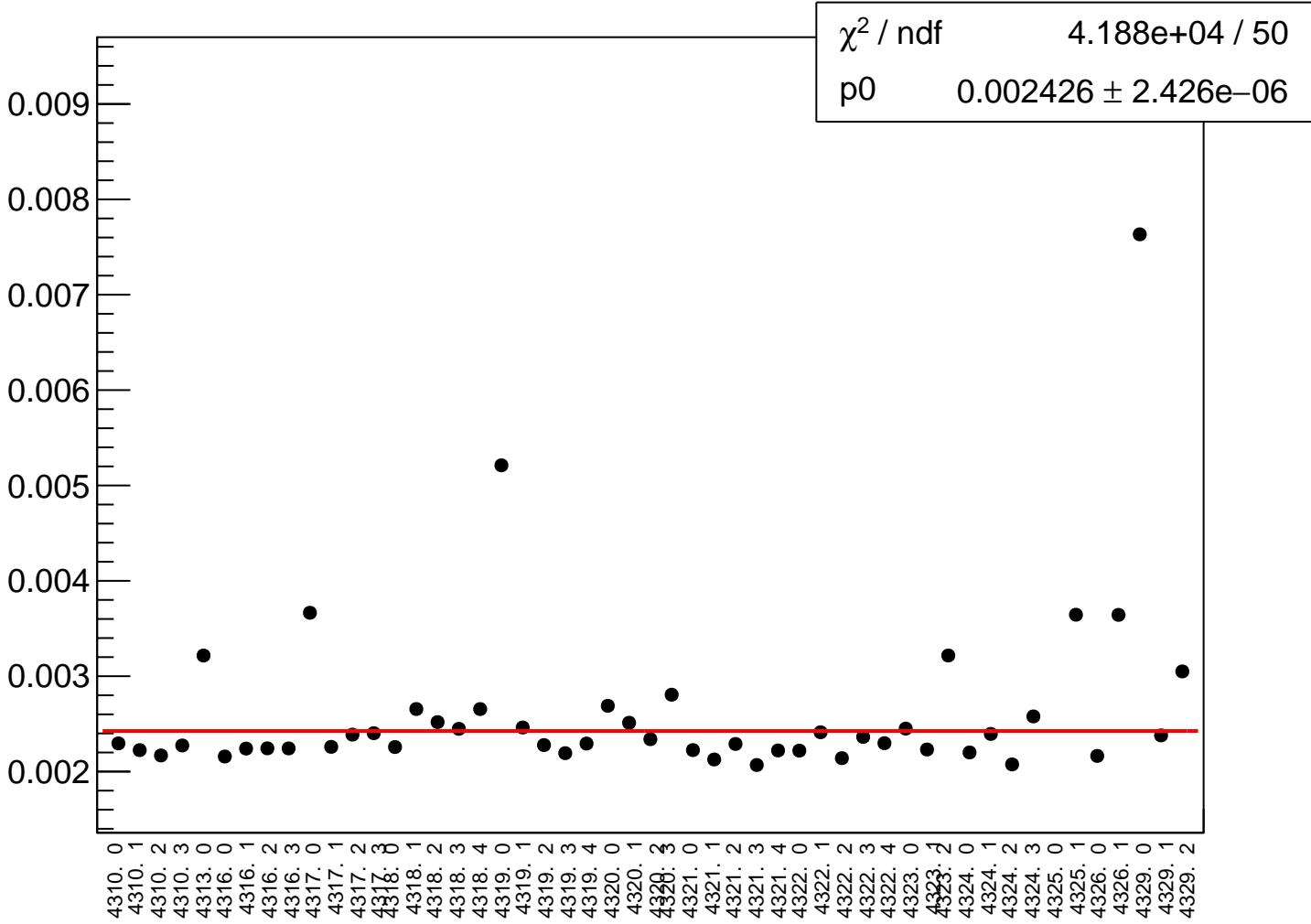
# yield\_bpm11X\_rms vs run



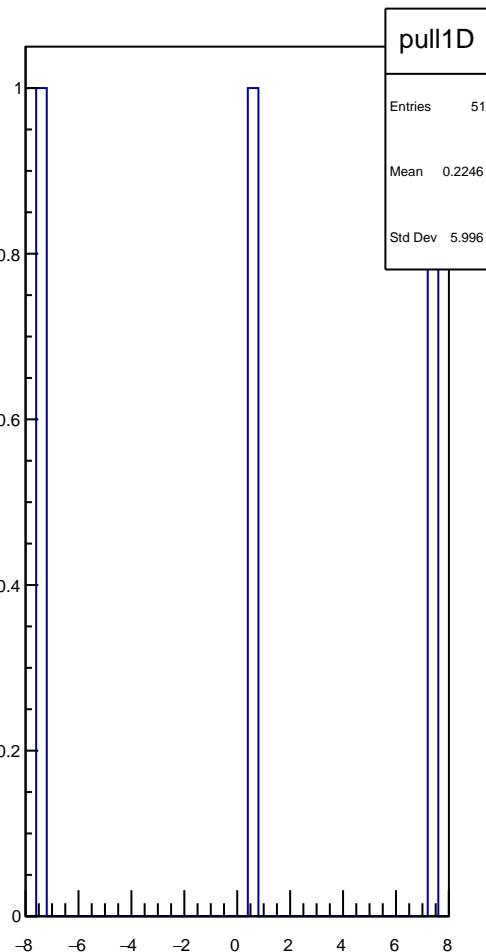
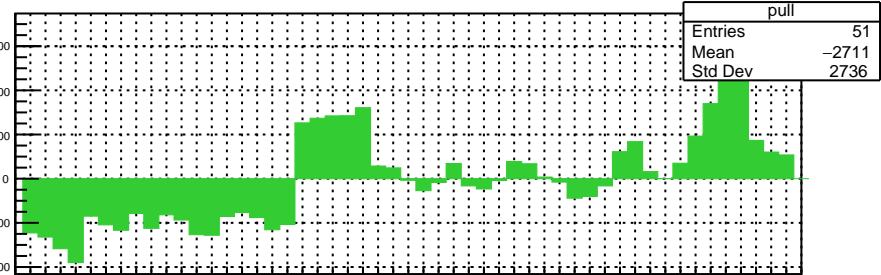
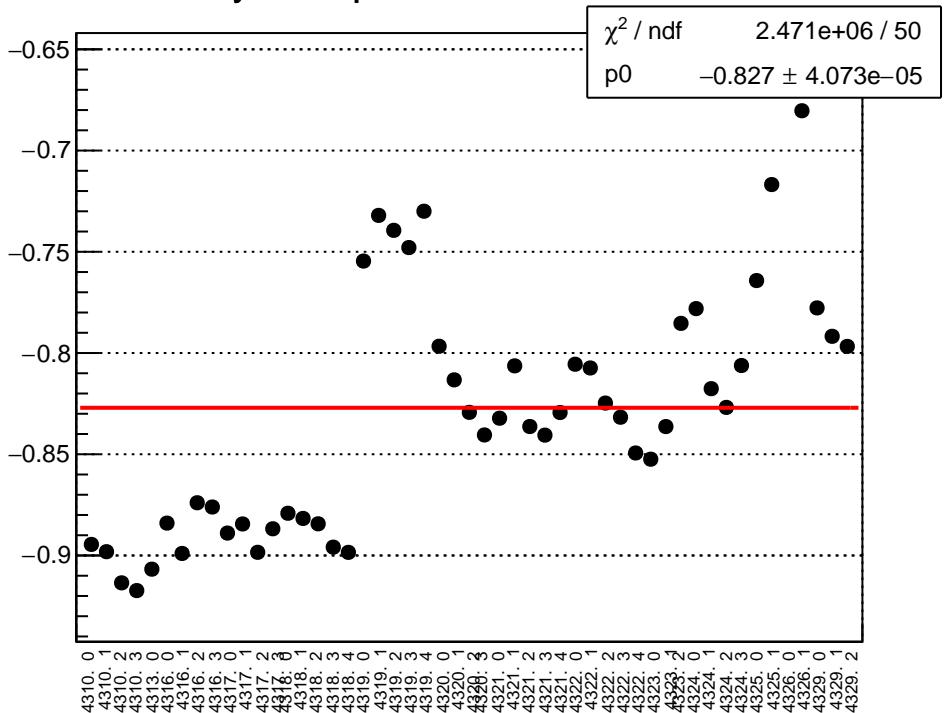
# yield\_bpm11Y\_mean vs run



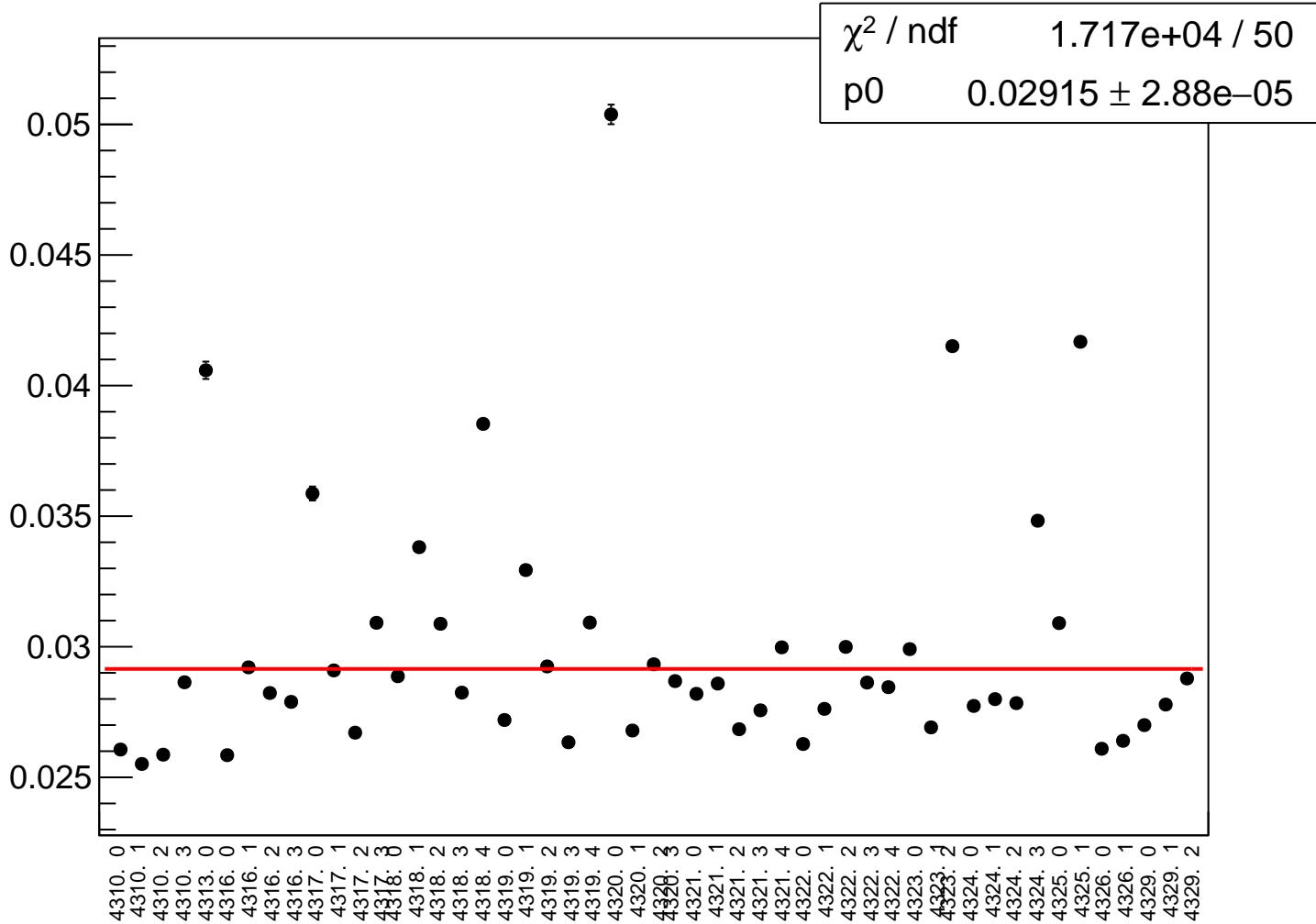
# yield\_bpm11Y\_rms vs run



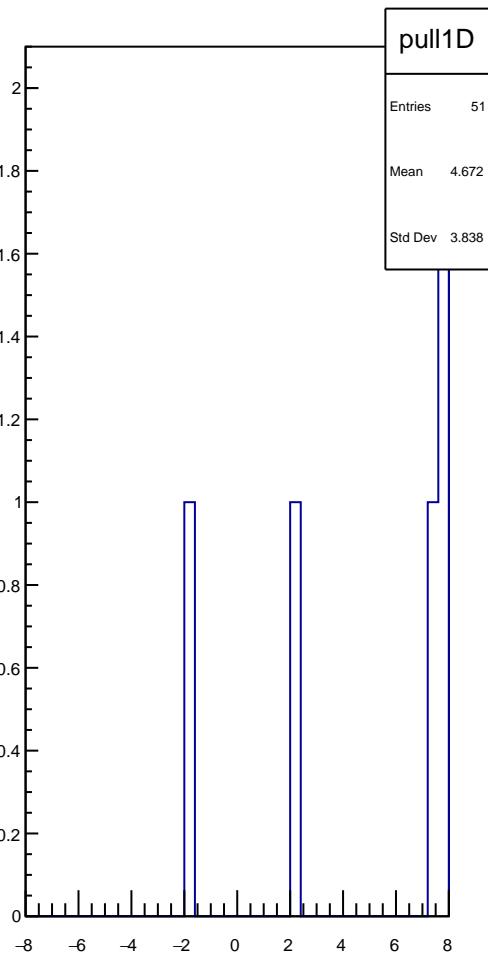
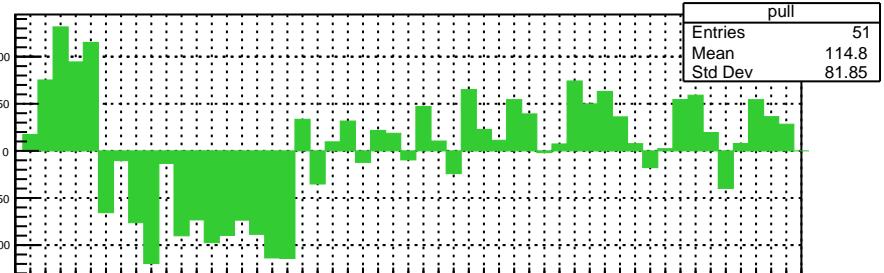
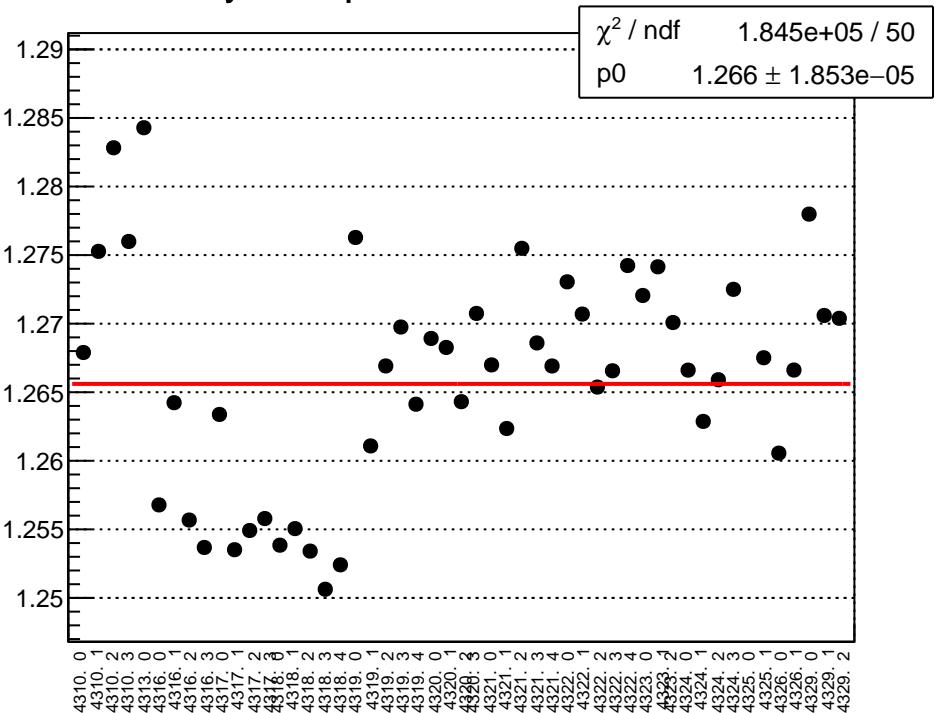
# yield\_bpm12X\_mean vs run



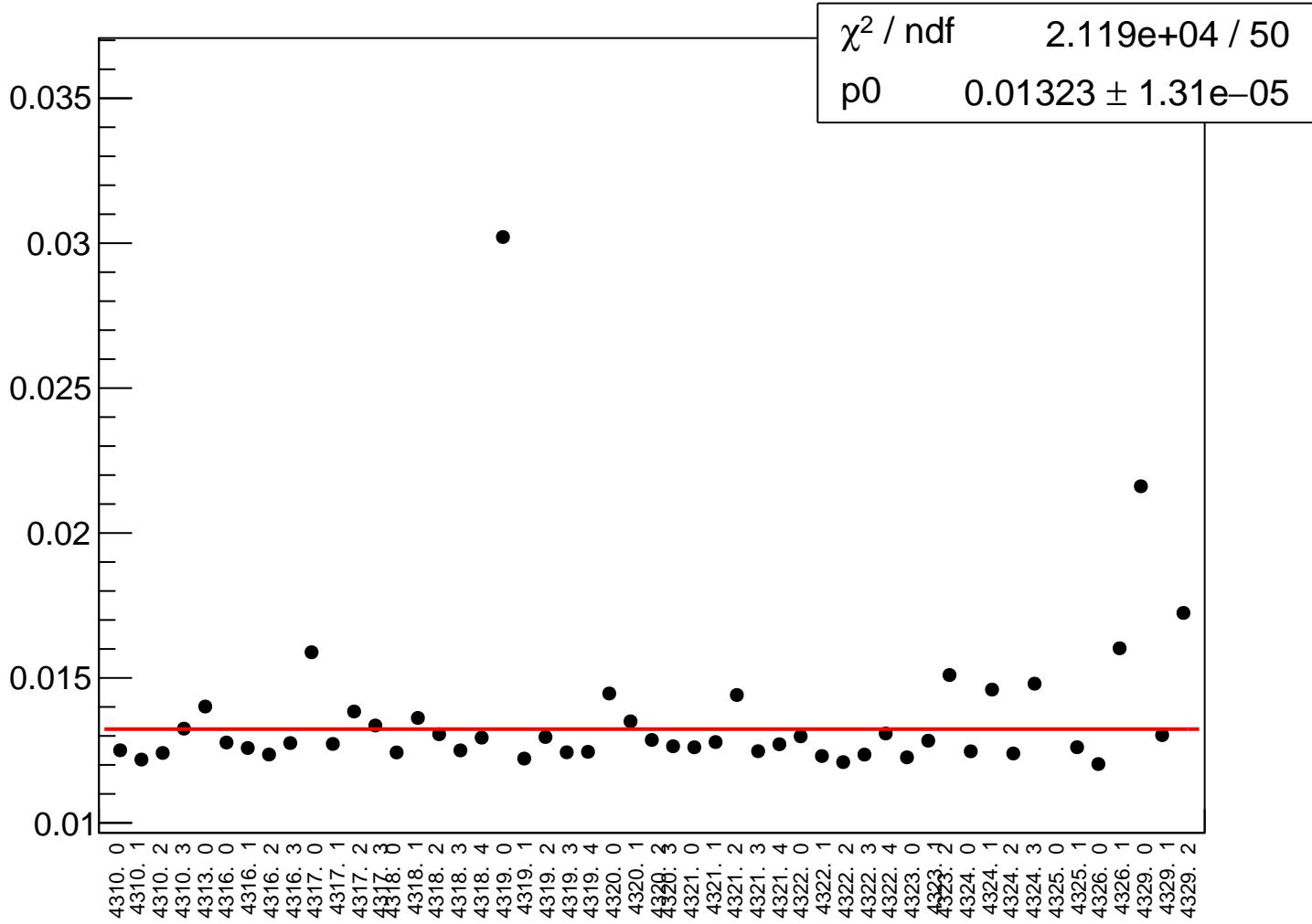
# yield\_bpm12X\_rms vs run



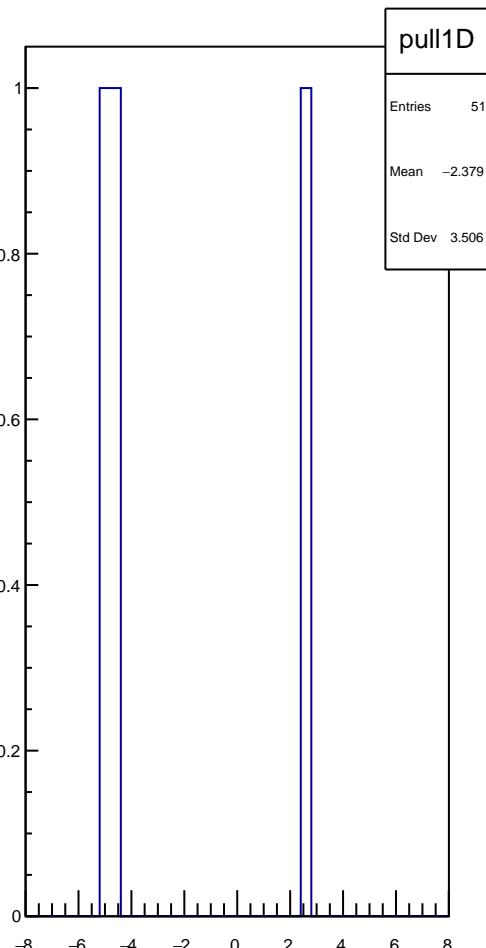
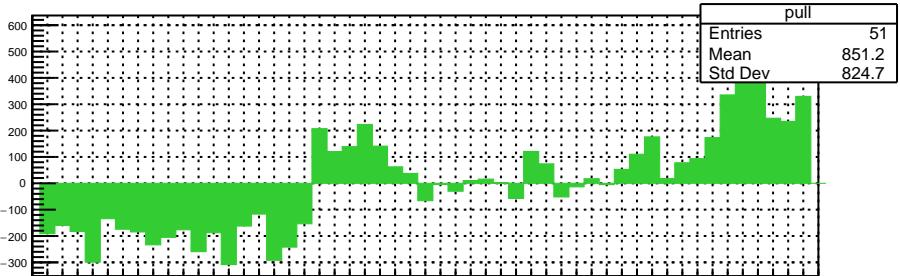
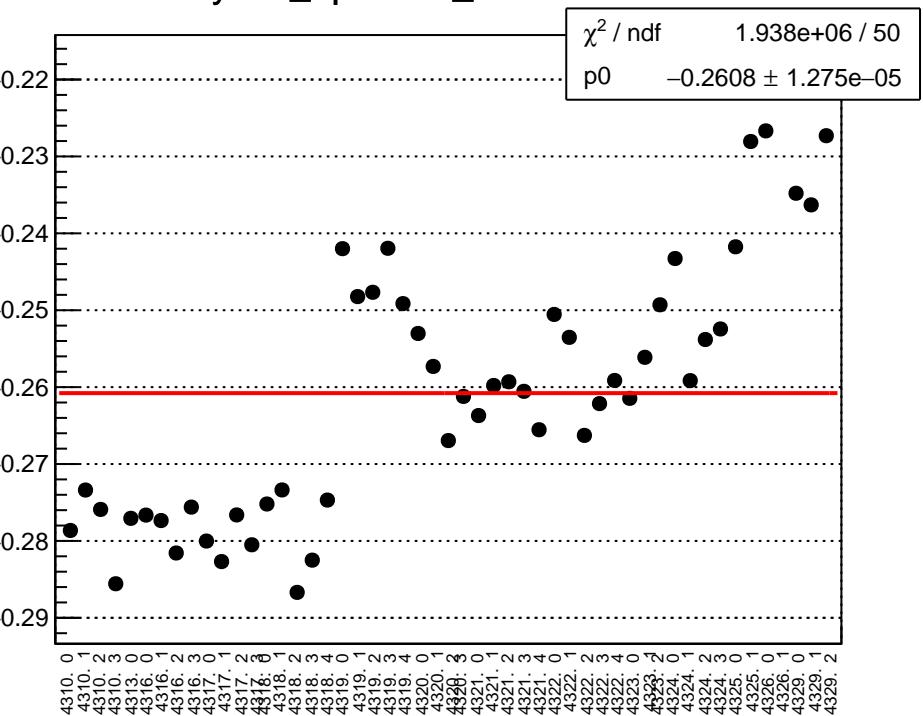
# yield\_bpm12Y\_mean vs run



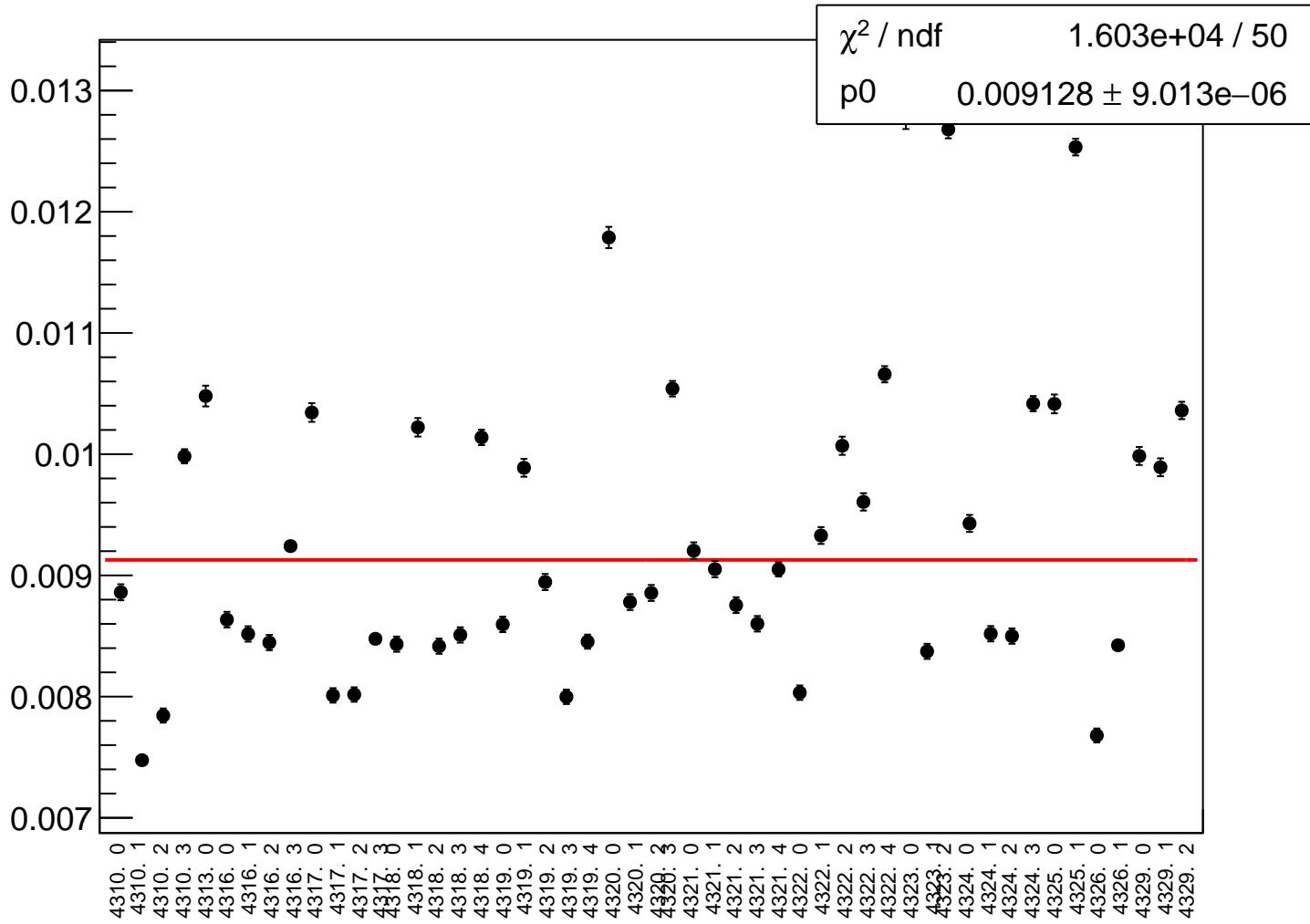
# yield\_bpm12Y\_rms vs run



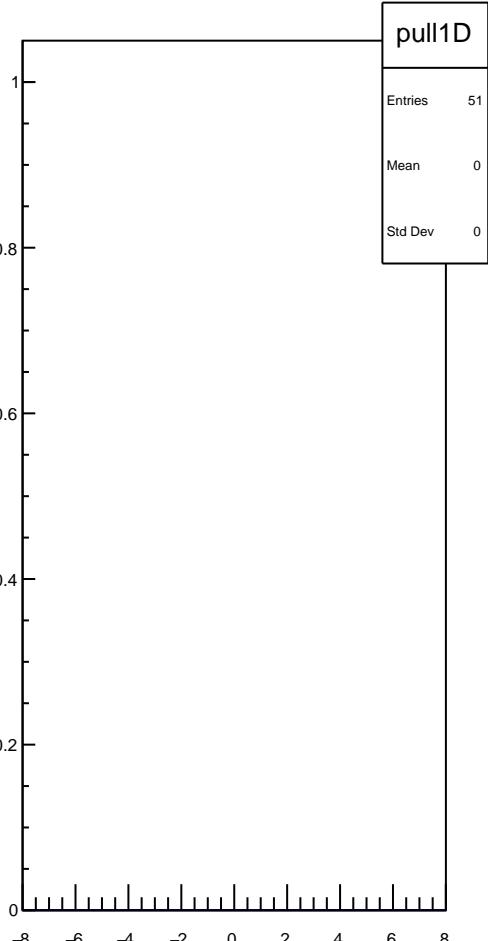
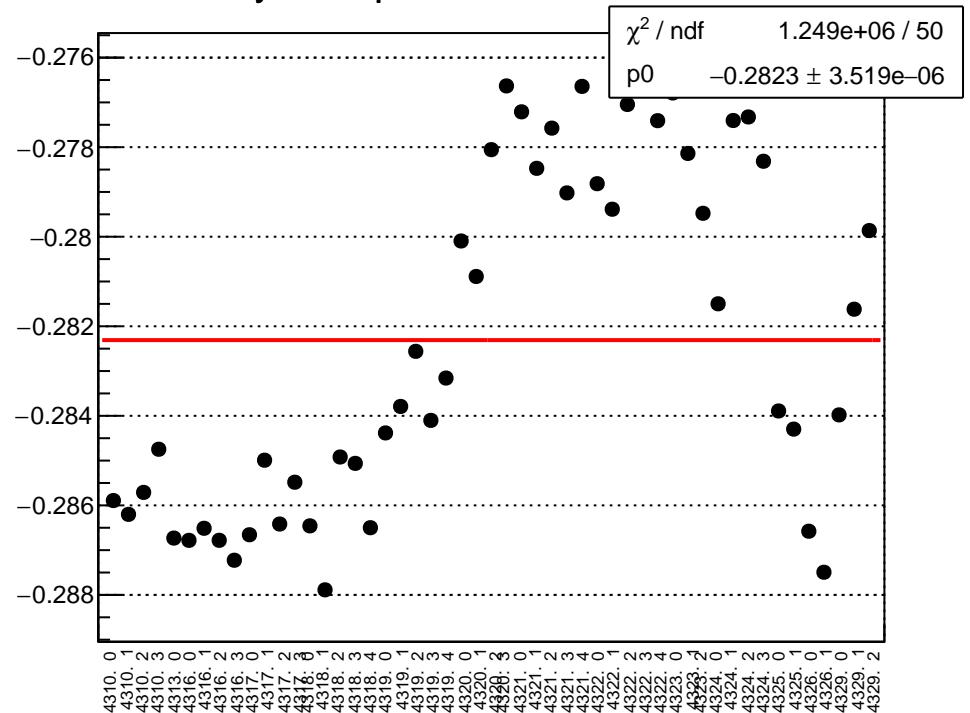
# yield\_bpm16X\_mean vs run



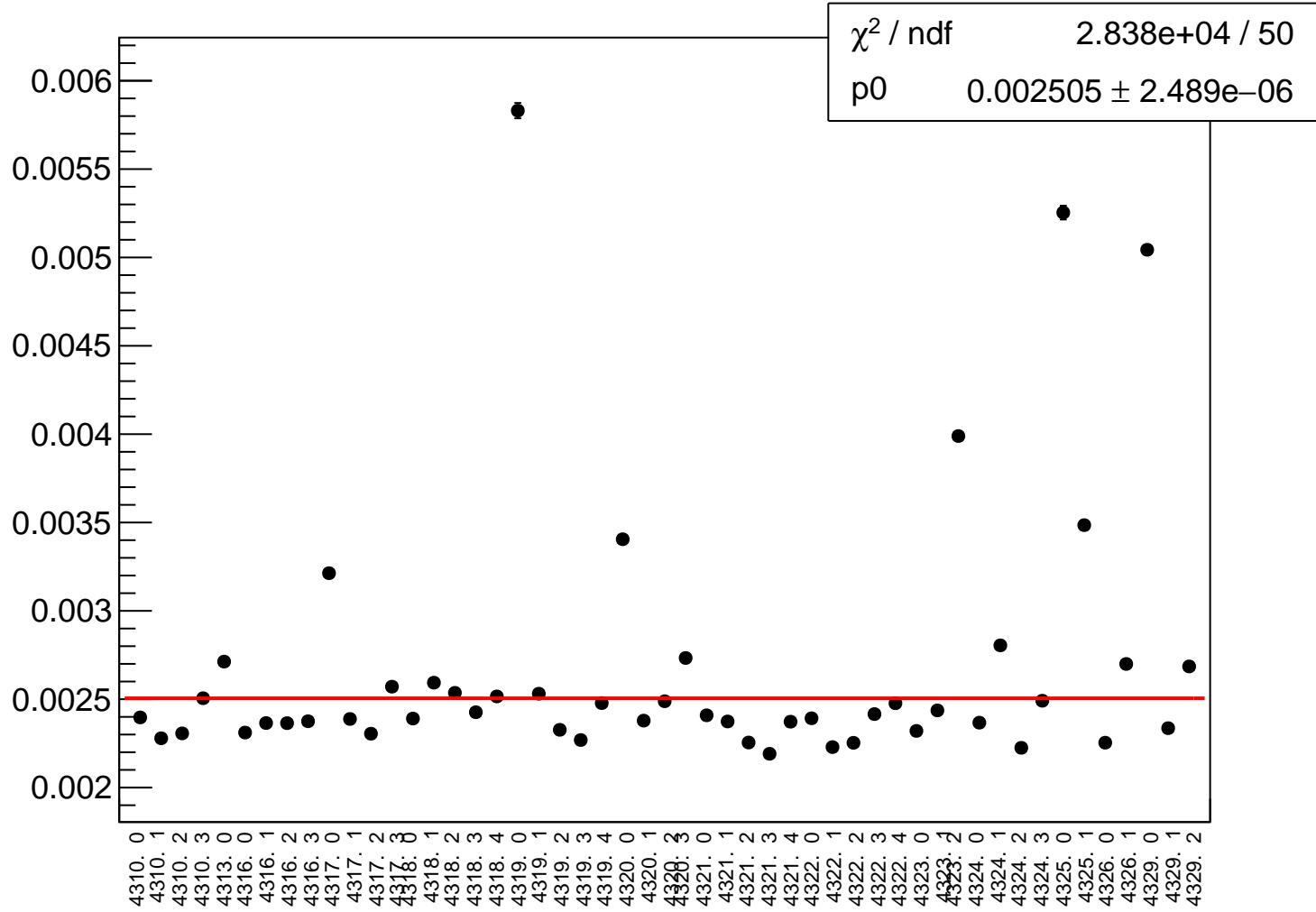
# yield\_bpm16X\_rms vs run



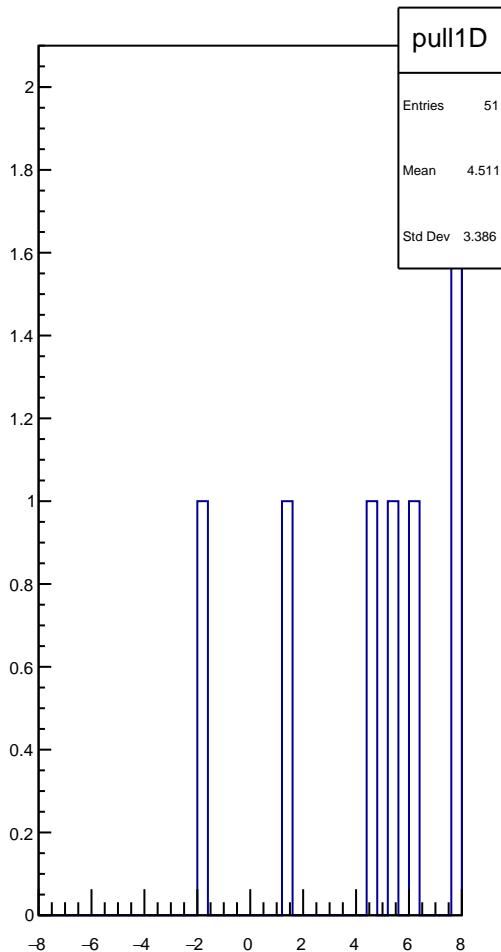
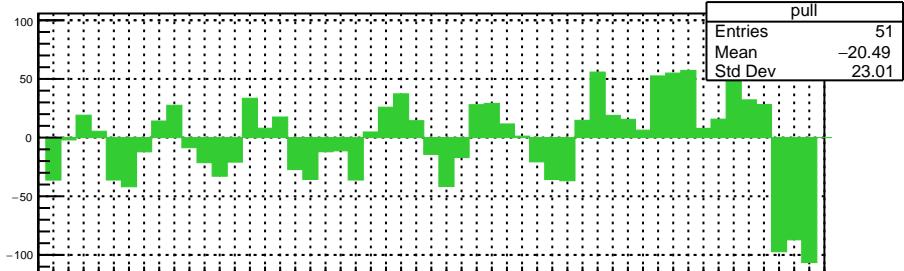
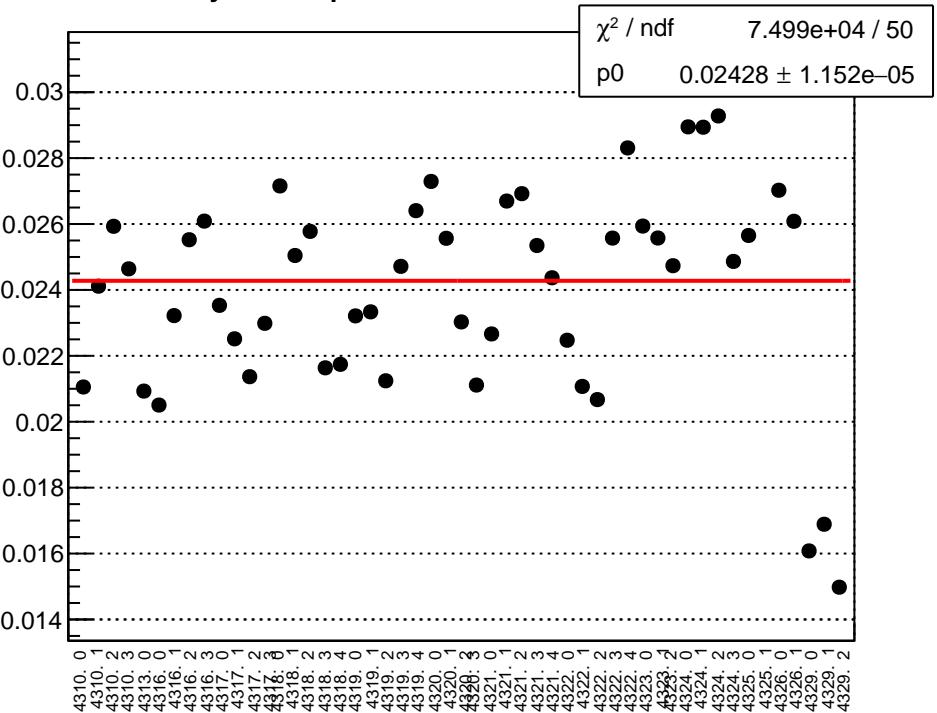
# yield\_bpm16Y\_mean vs run



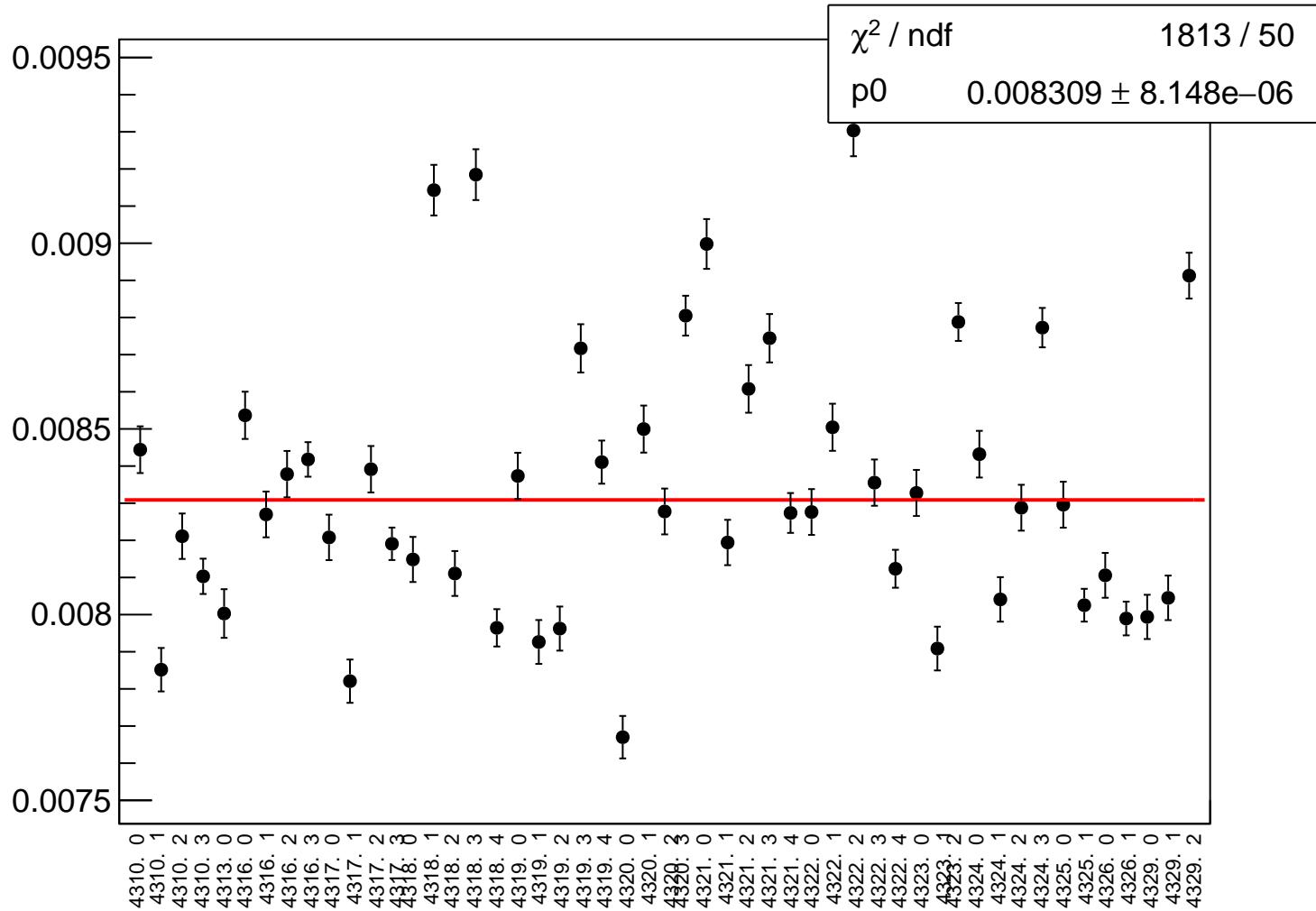
# yield\_bpm16Y\_rms vs run



# yield\_bpm2i01X\_mean vs run

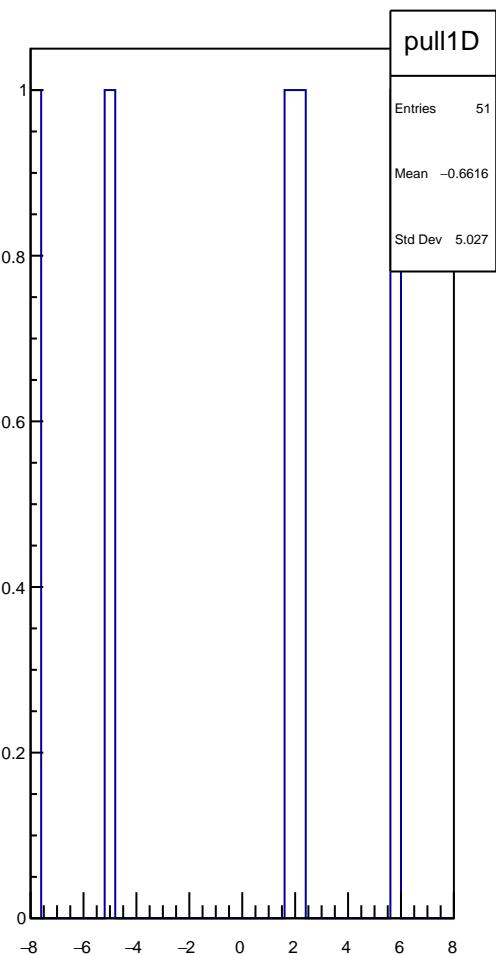
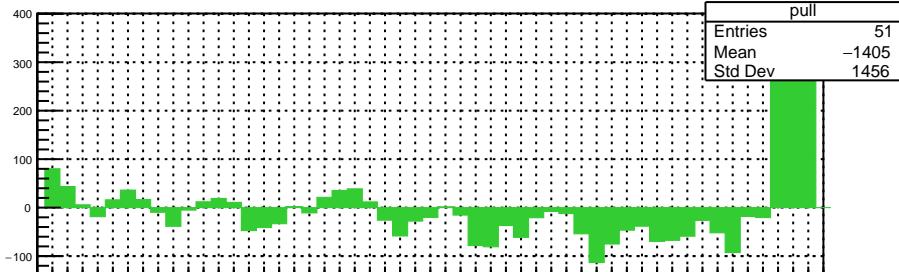
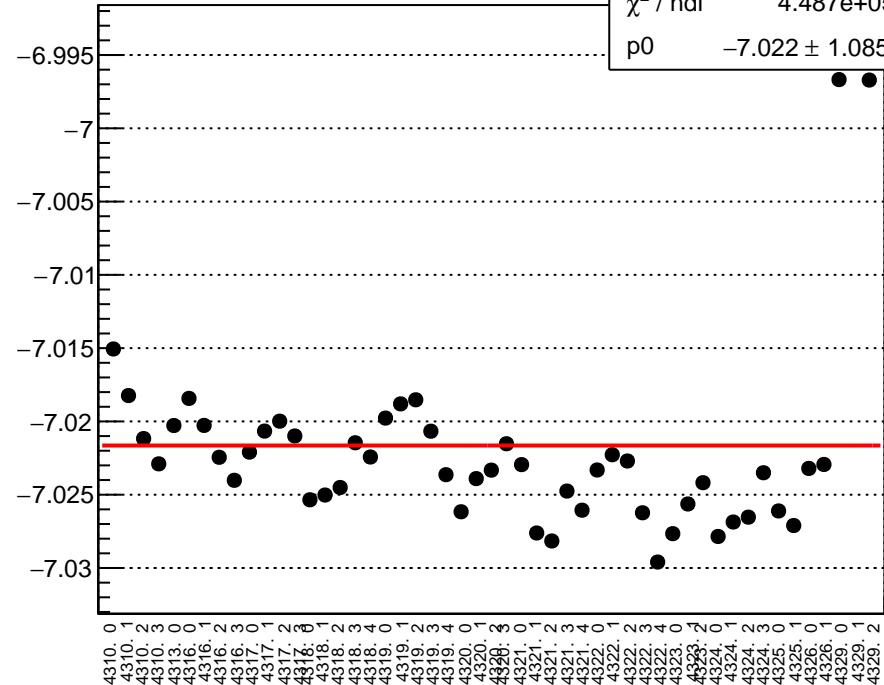


# yield\_bpm2i01X\_rms vs run

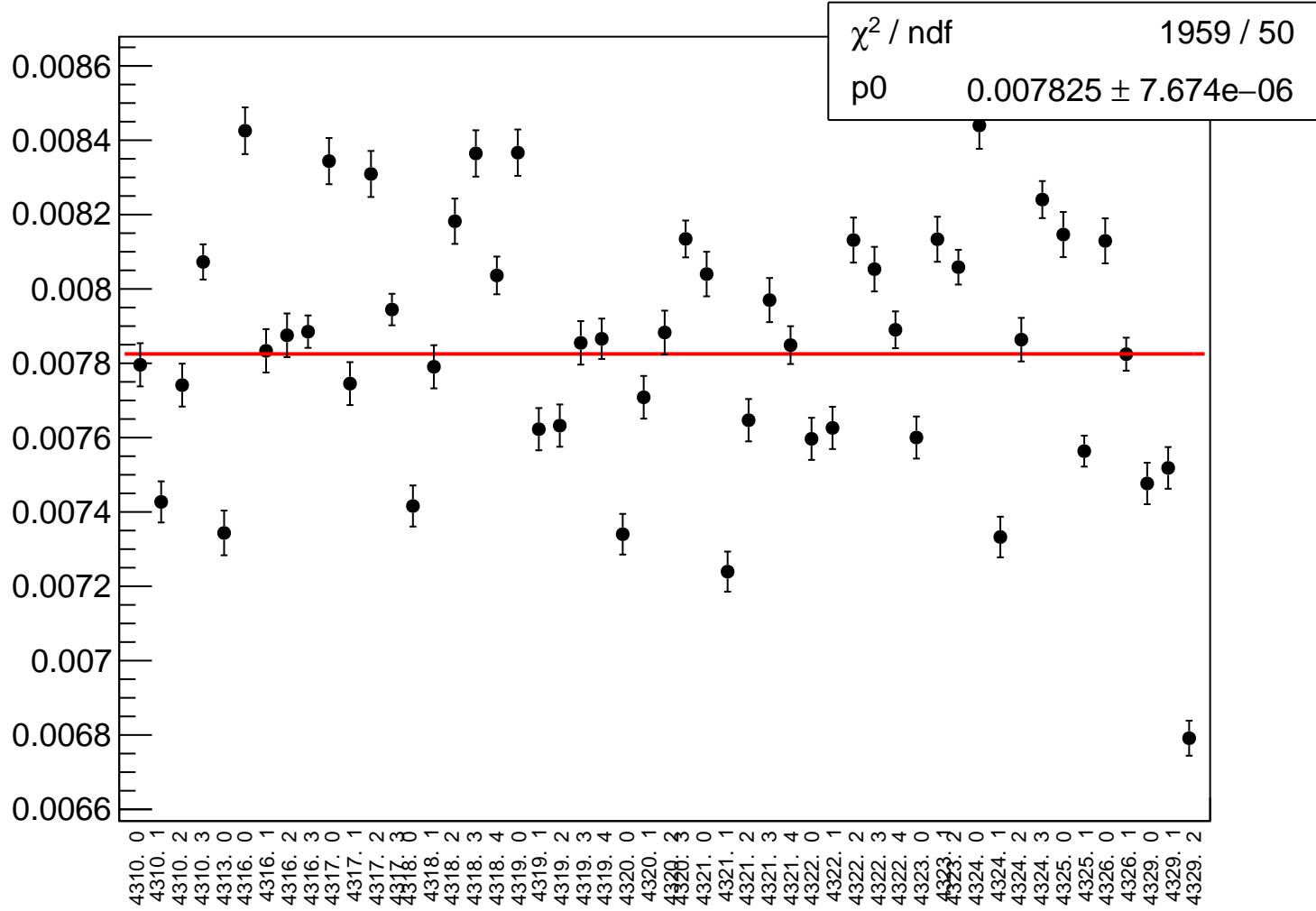


# yield\_bpm2i01Y\_mean vs run

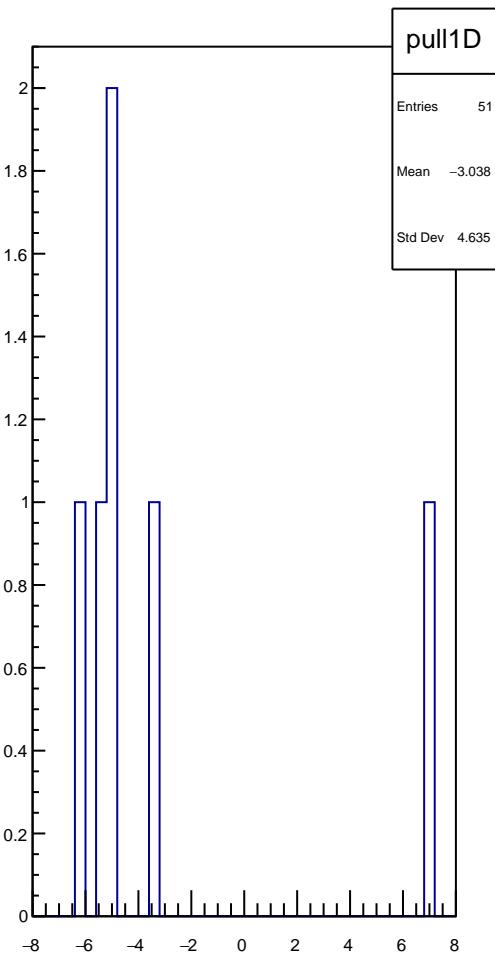
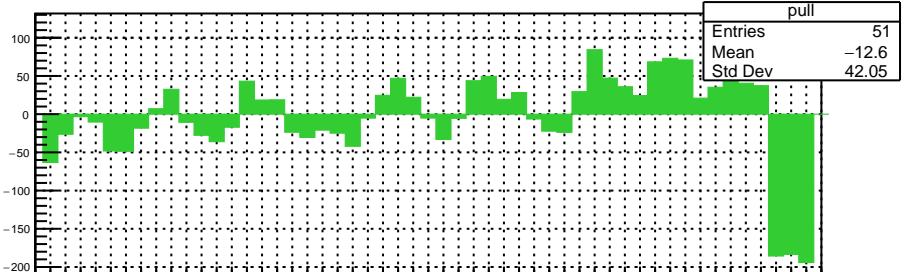
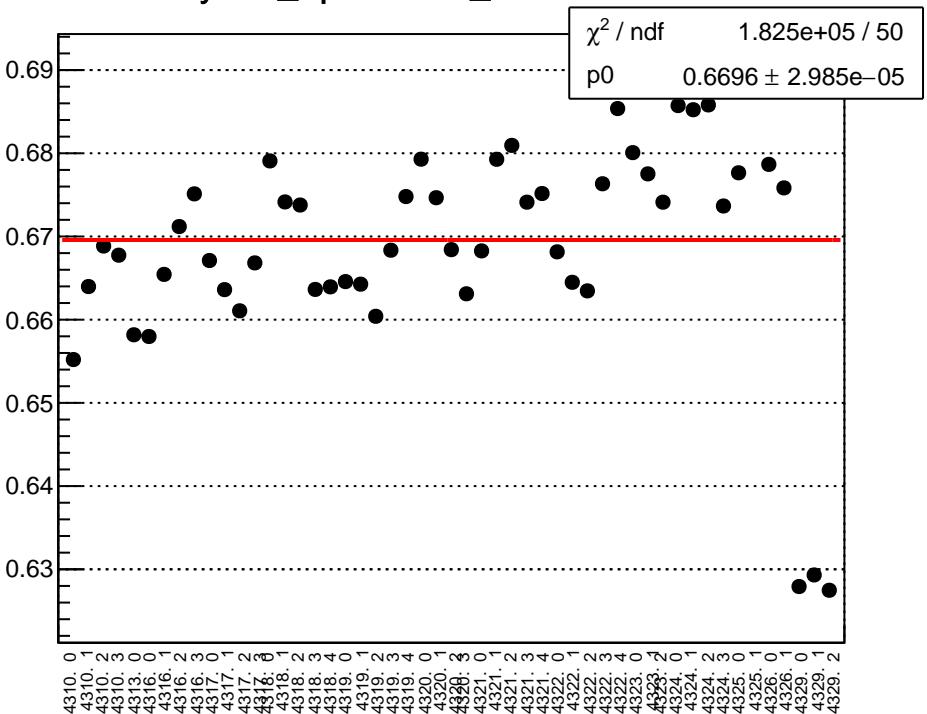
$\chi^2 / \text{ndf}$  4.487e+05 / 50  
p0  $-7.022 \pm 1.085\text{e}{-05}$



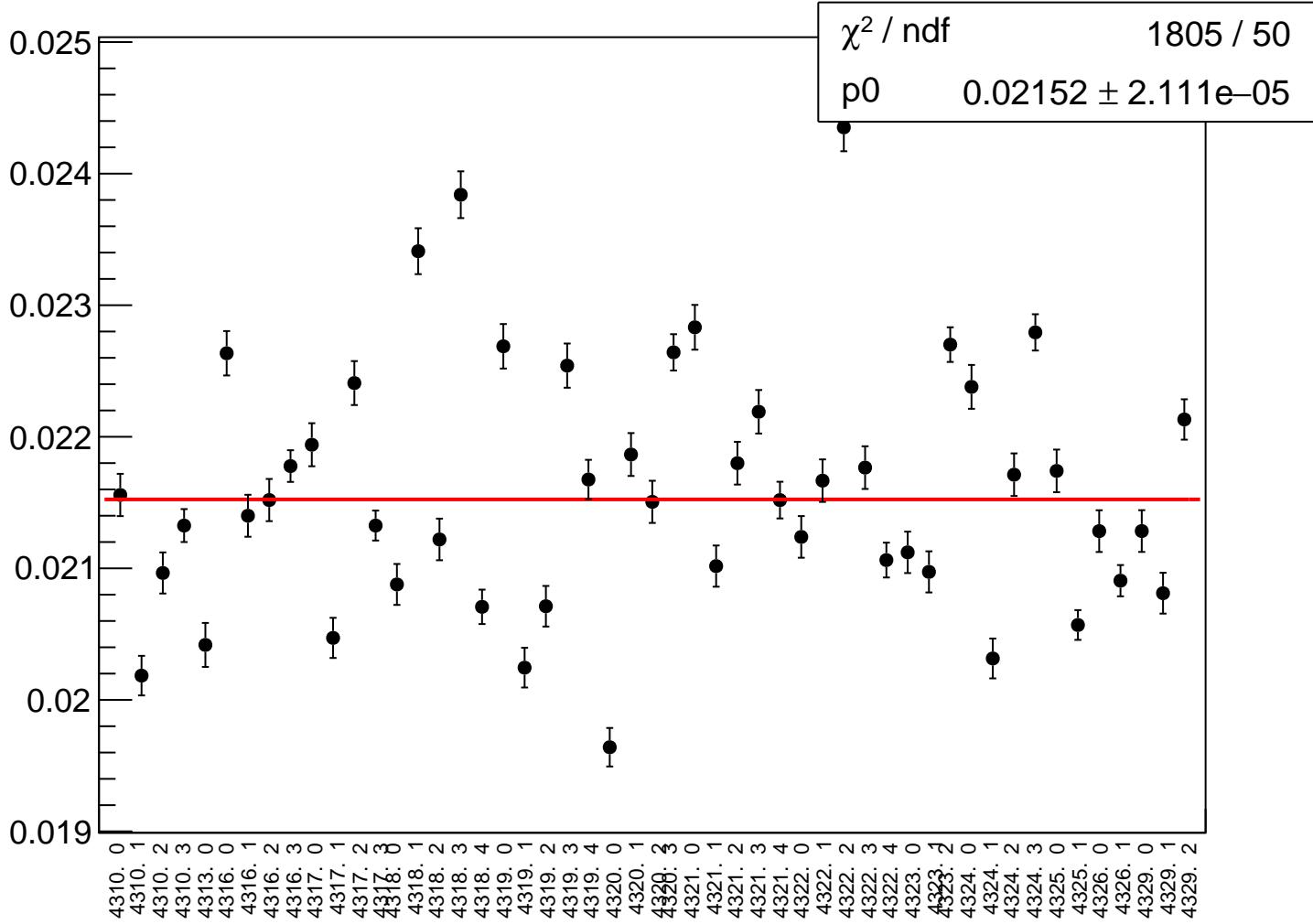
# yield\_bpm2i01Y\_rms vs run



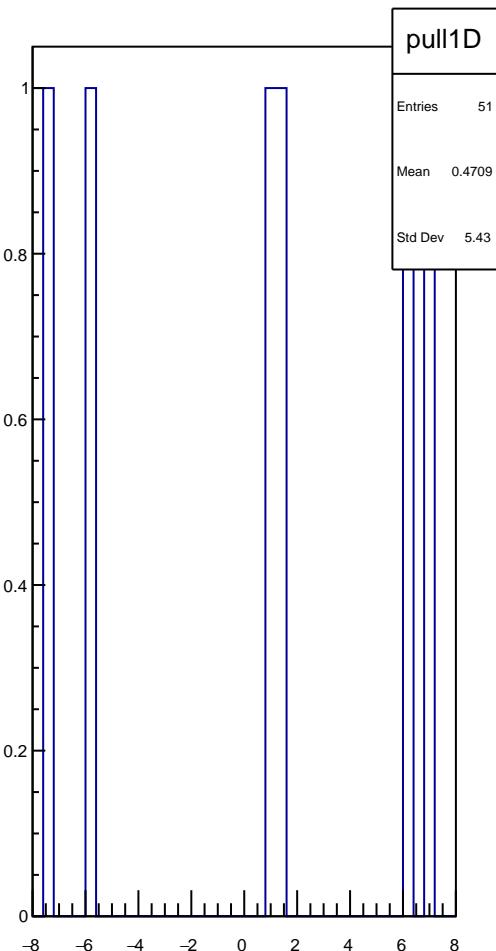
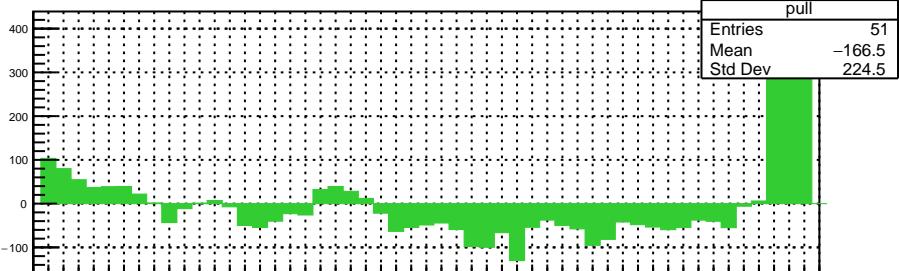
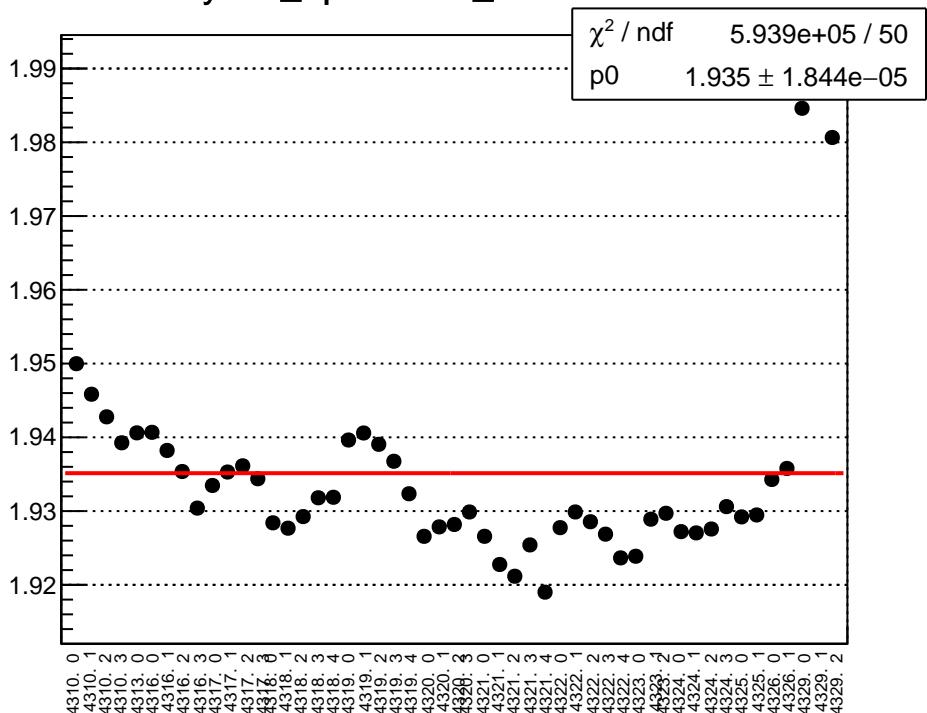
# yield\_bpm2i02X\_mean vs run



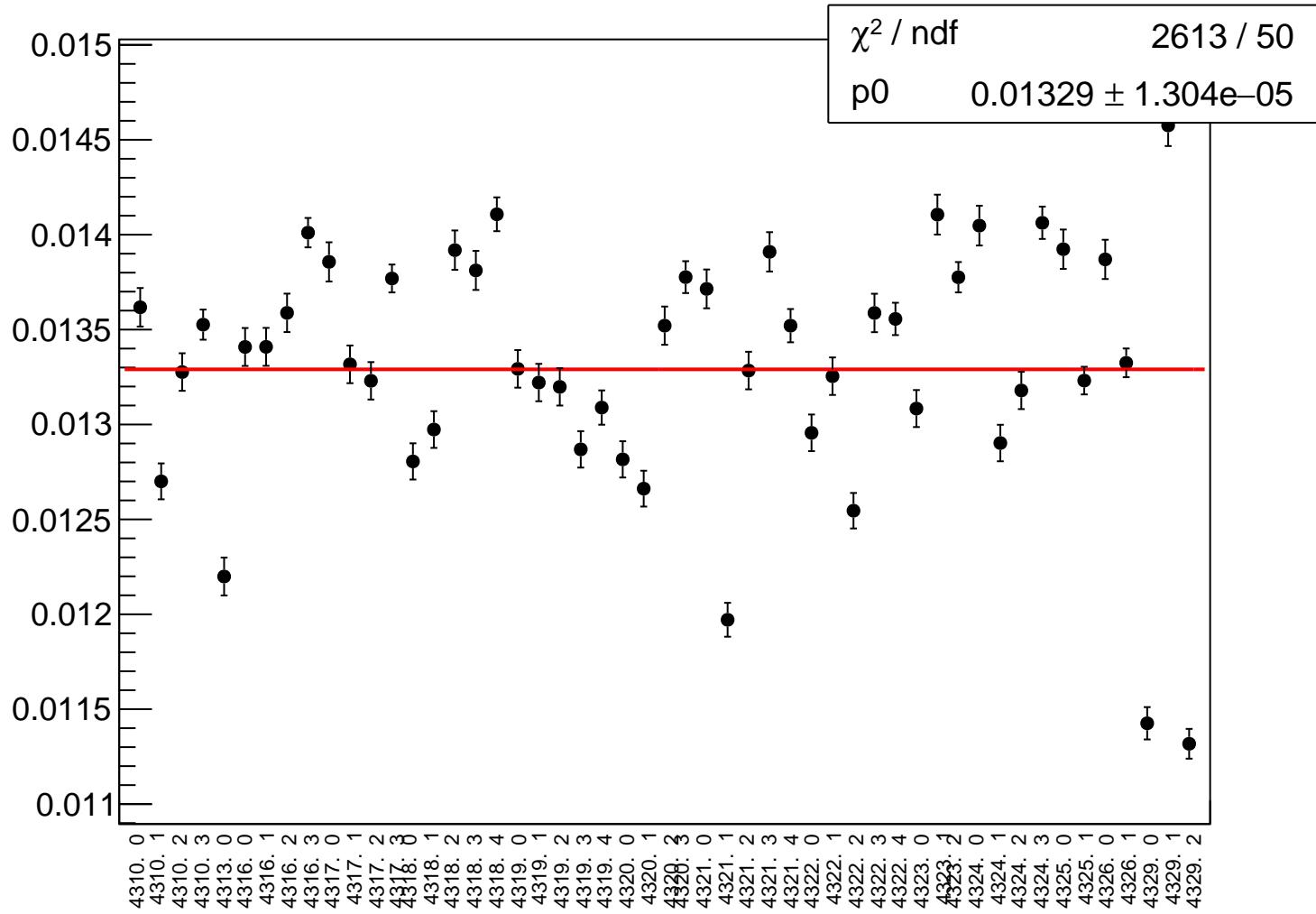
# yield\_bpm2i02X\_rms vs run



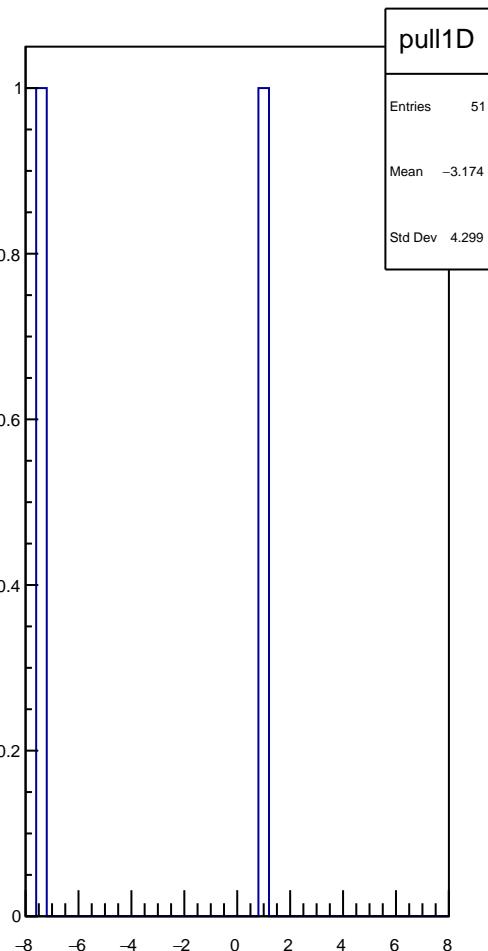
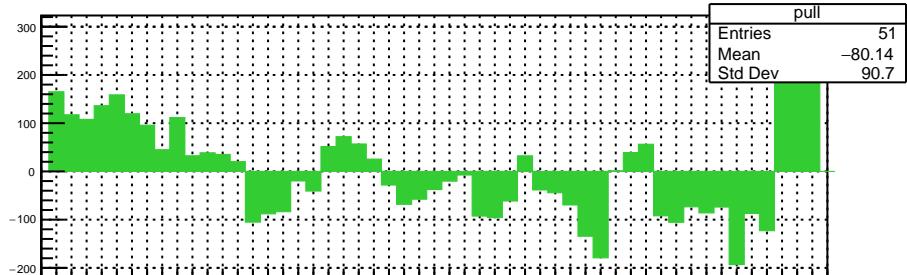
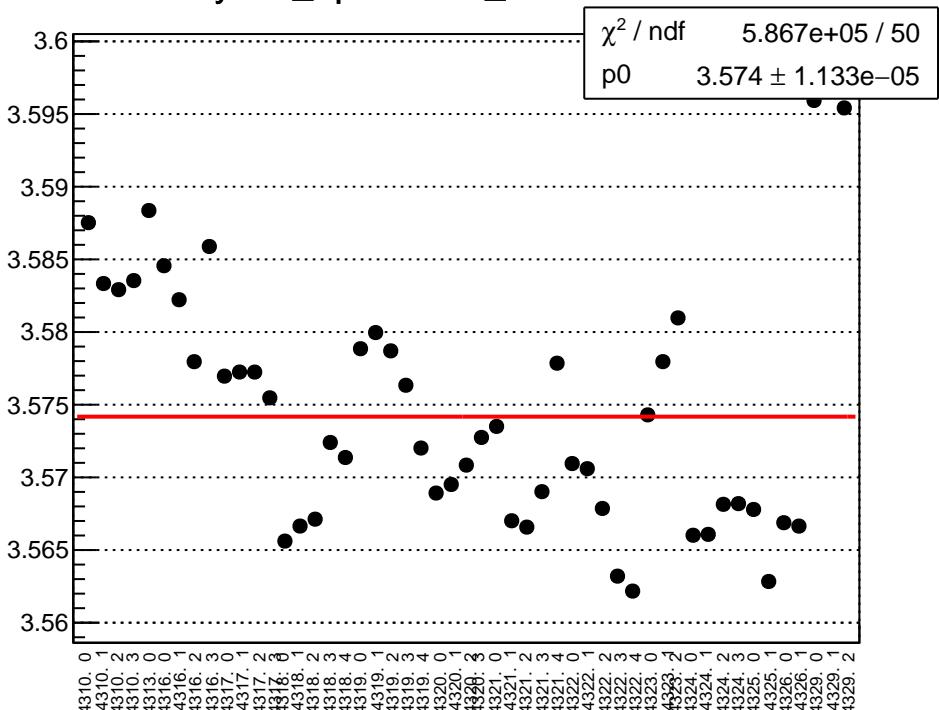
# yield\_bpm2i02Y\_mean vs run



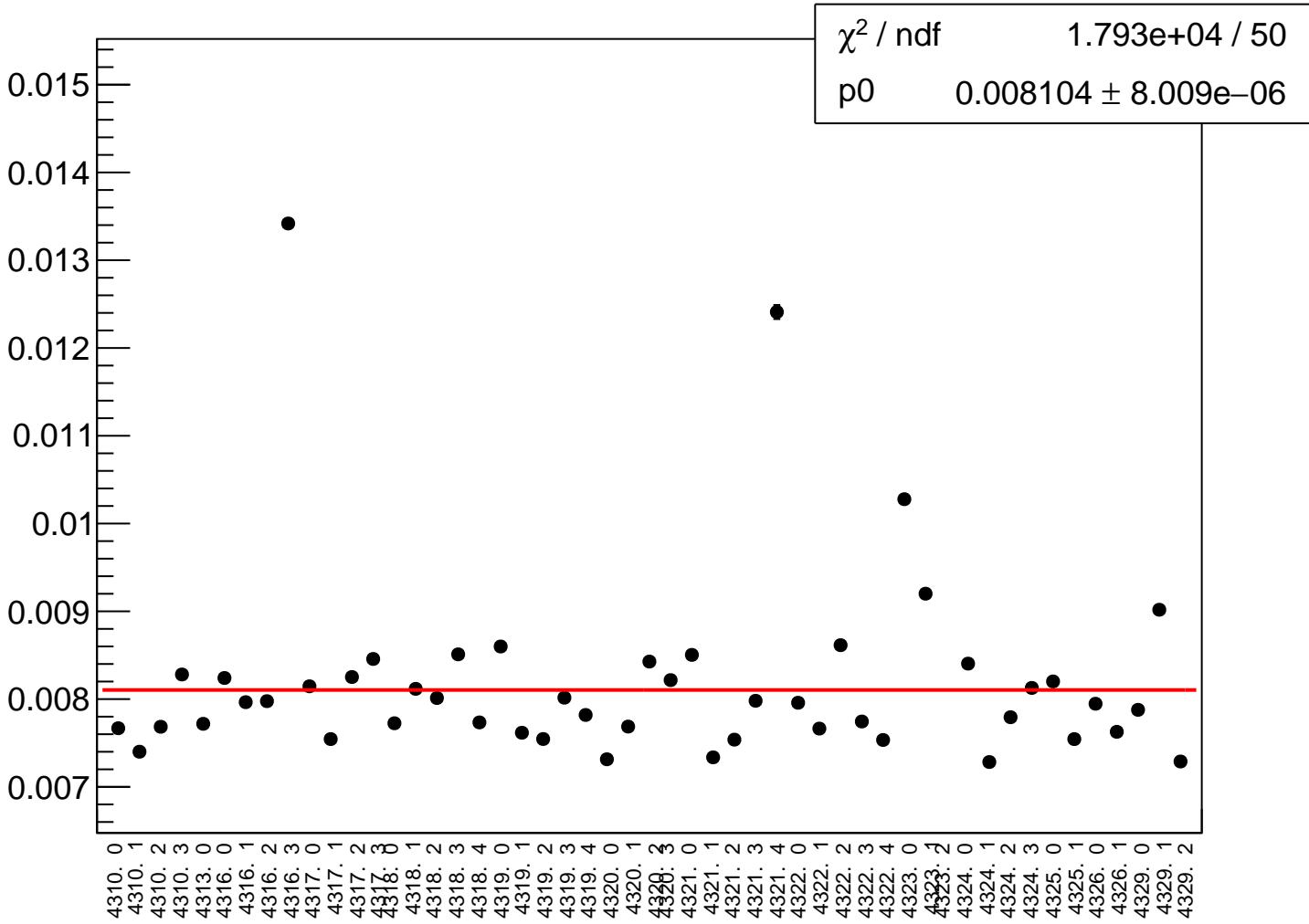
# yield\_bpm2i02Y\_rms vs run



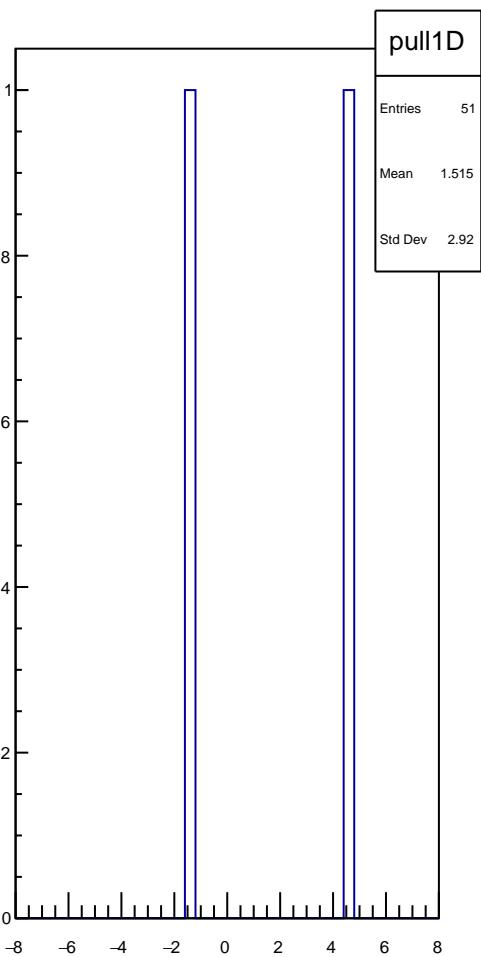
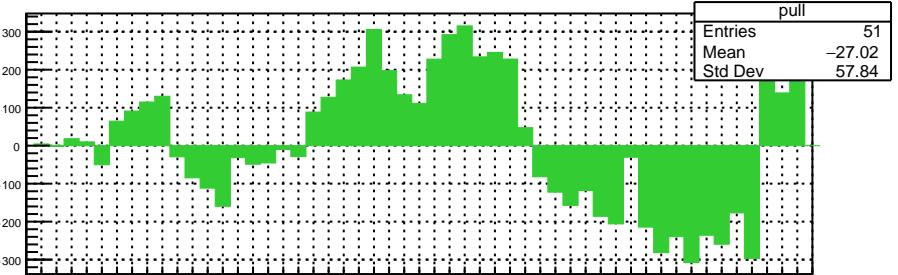
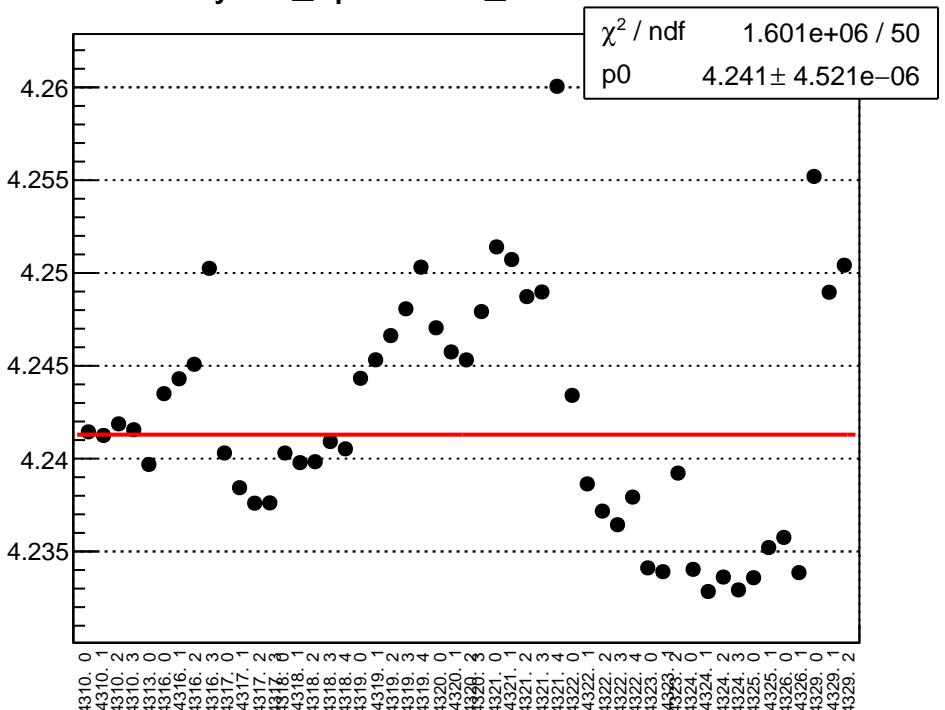
# yield\_bpm1i04X\_mean vs run



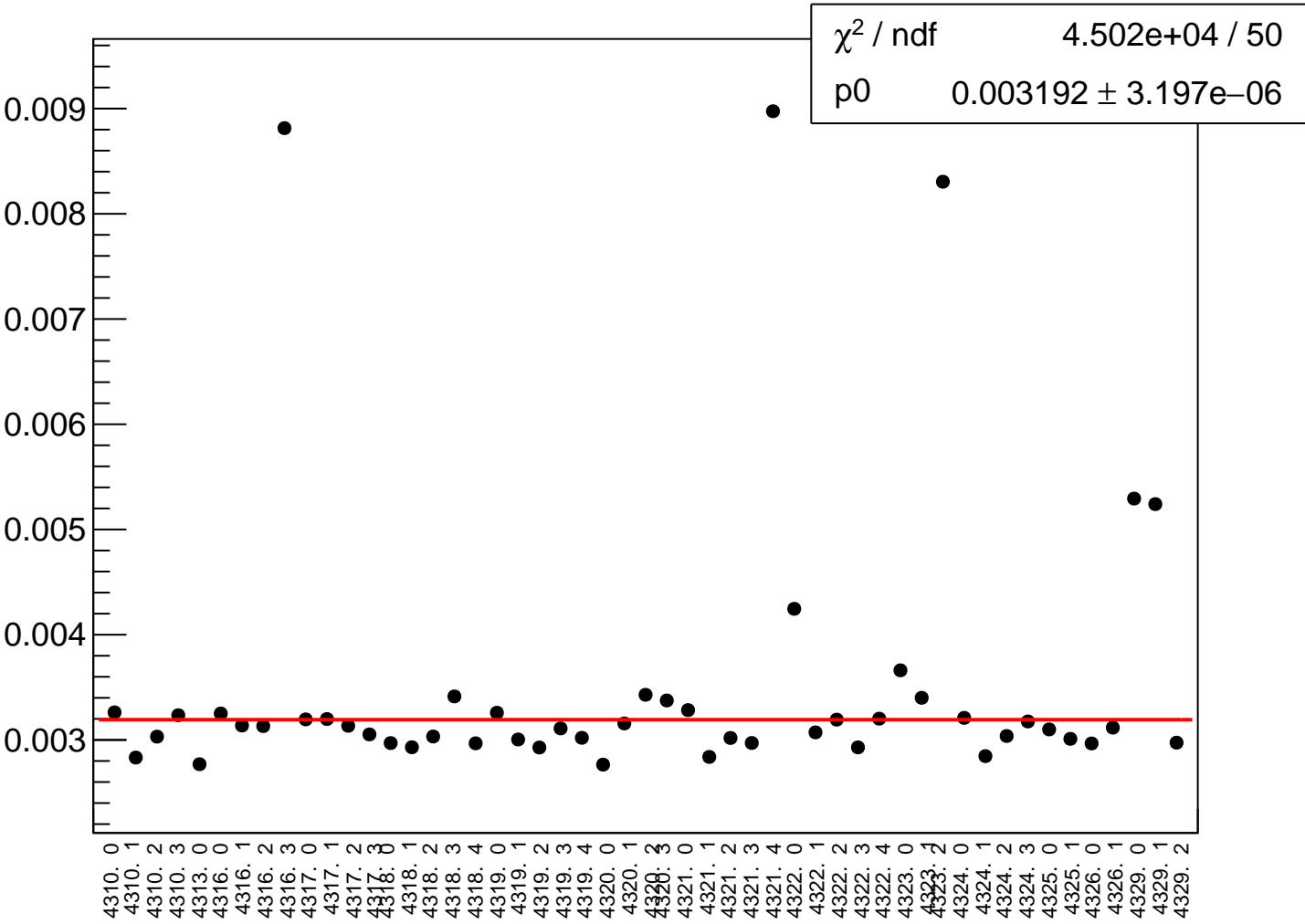
# yield\_bpm1i04X\_rms vs run



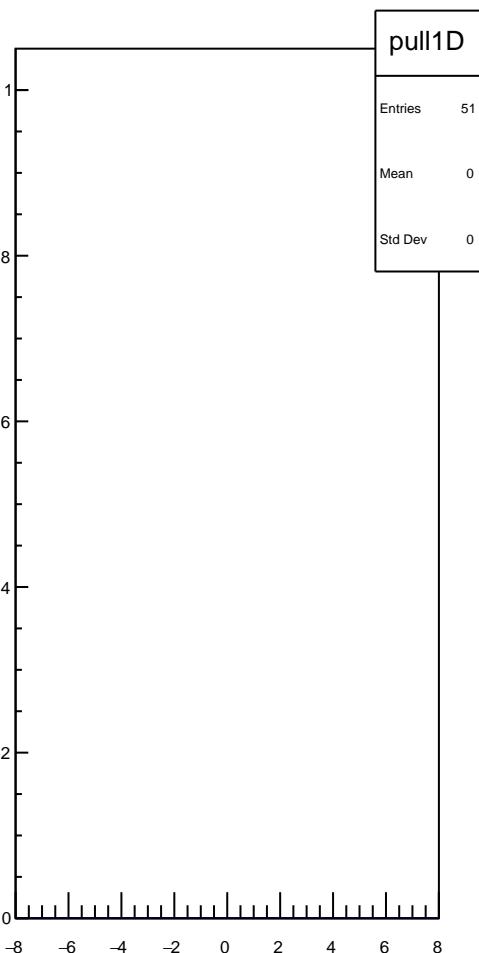
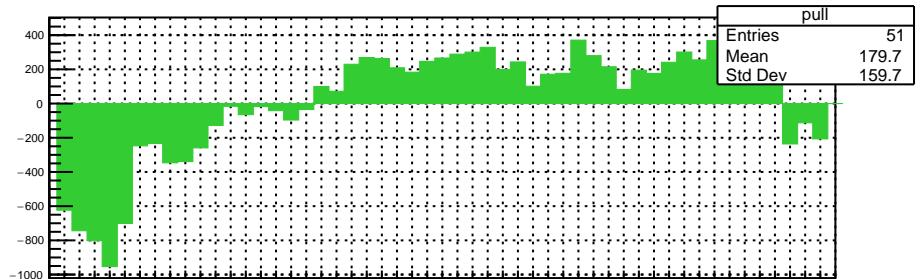
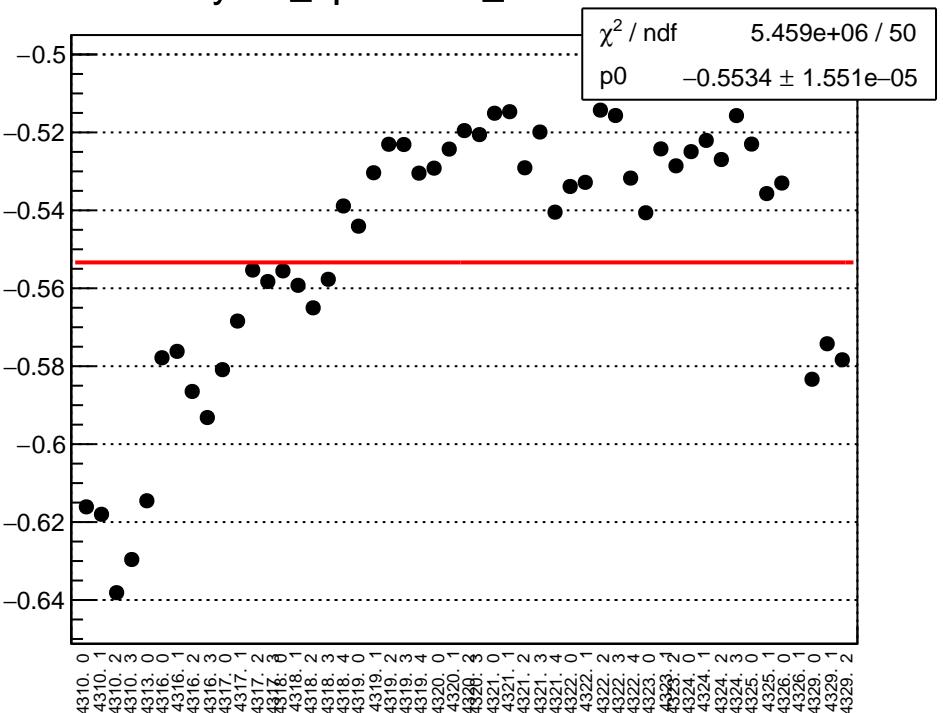
# yield\_bpm1i04Y\_mean vs run



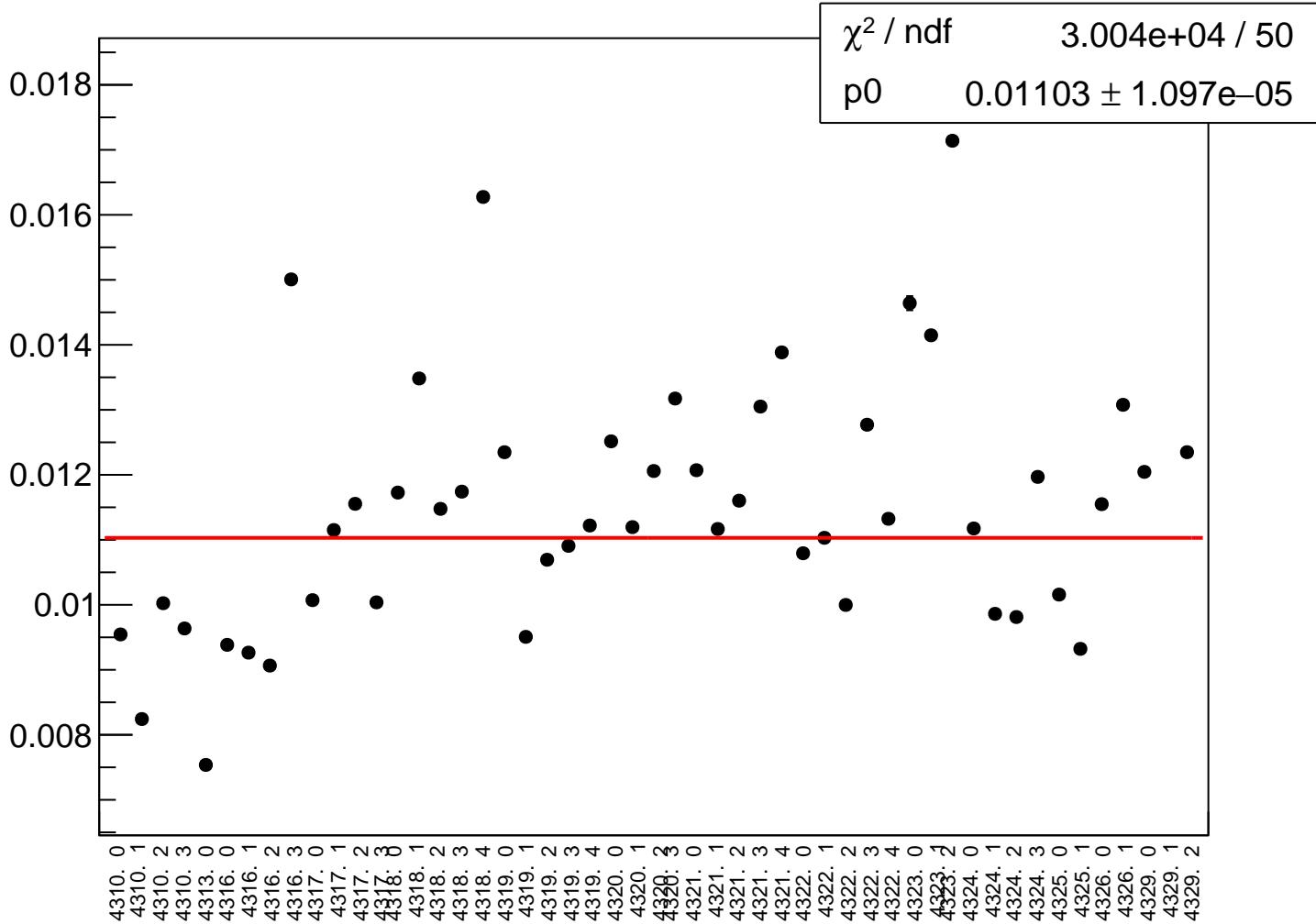
# yield\_bpm1i04Y\_rms vs run



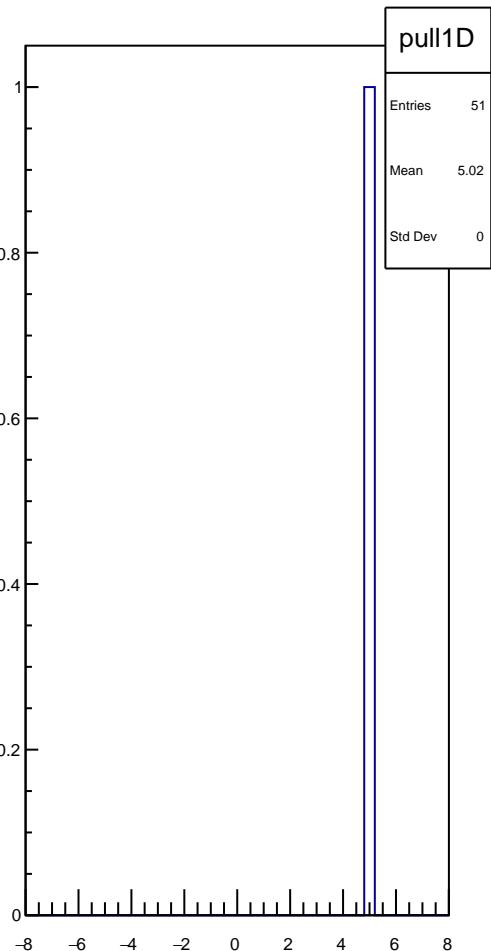
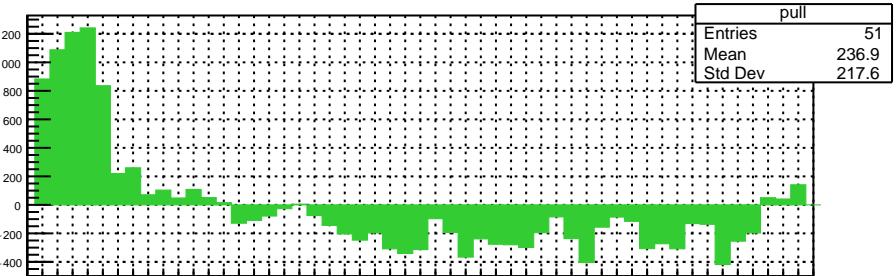
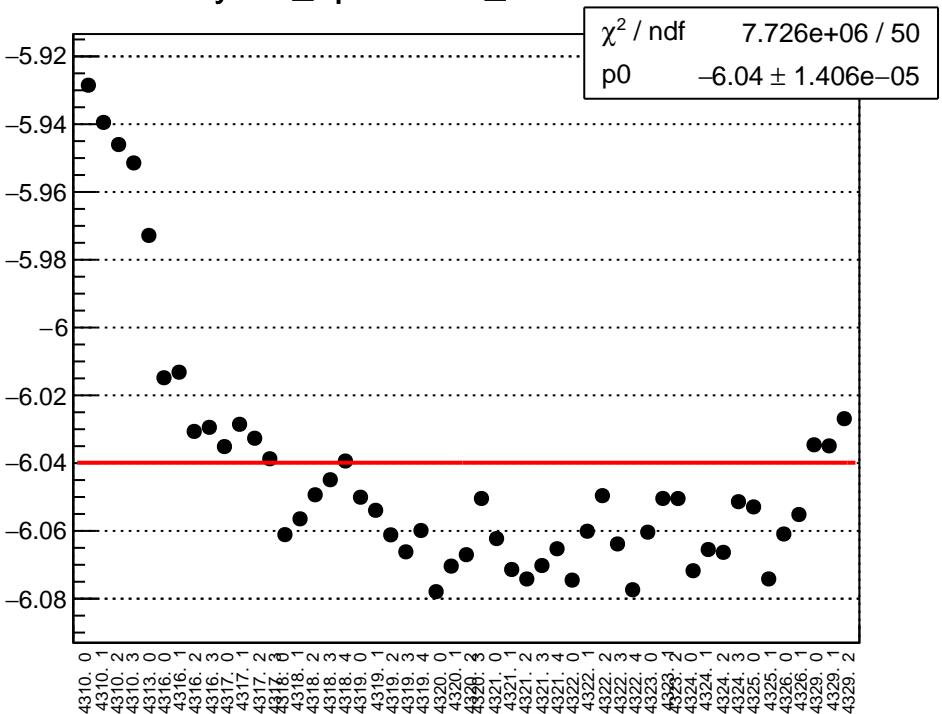
# yield\_bpm0I01X\_mean vs run



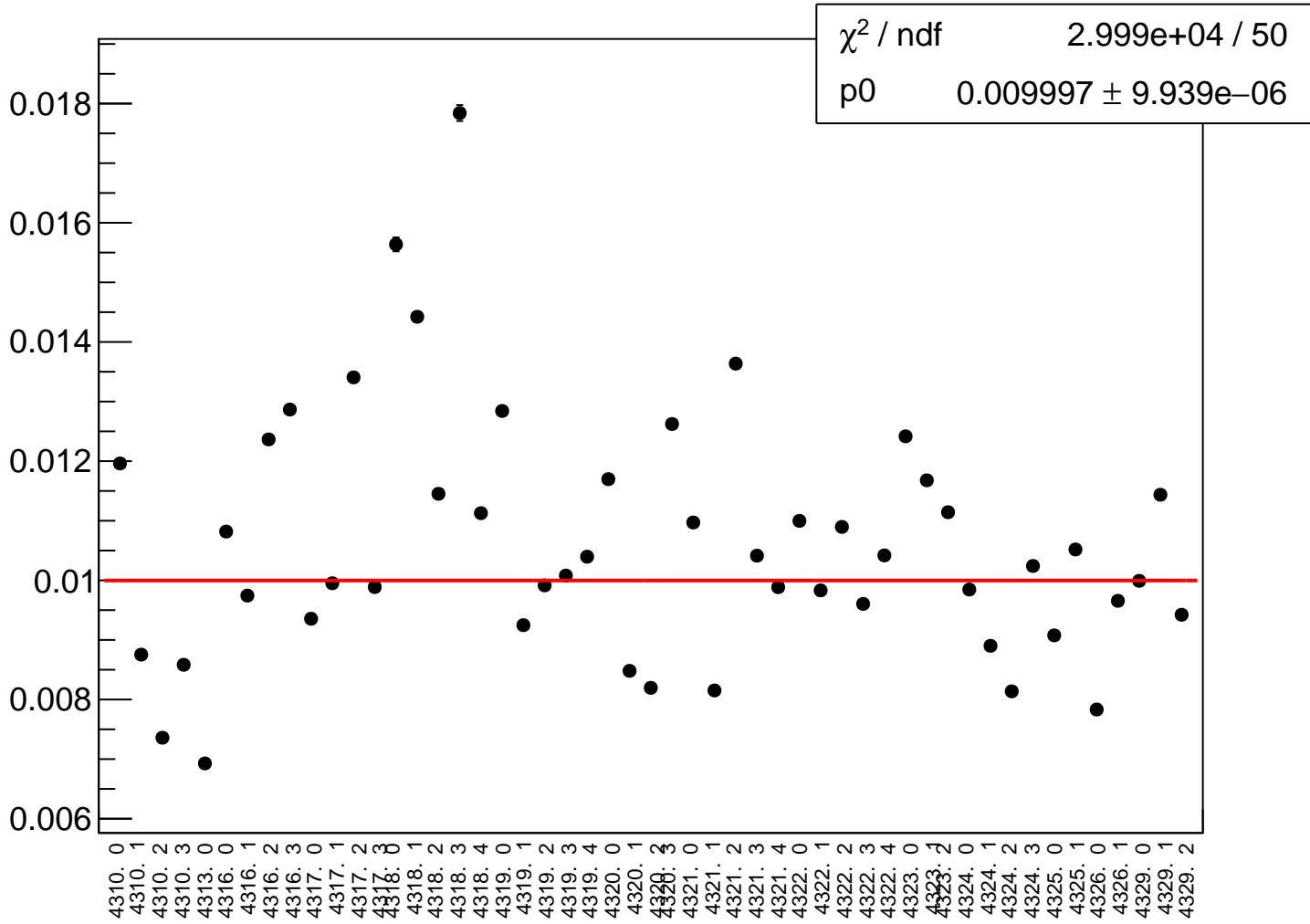
# yield\_bpm0l01X\_rms vs run



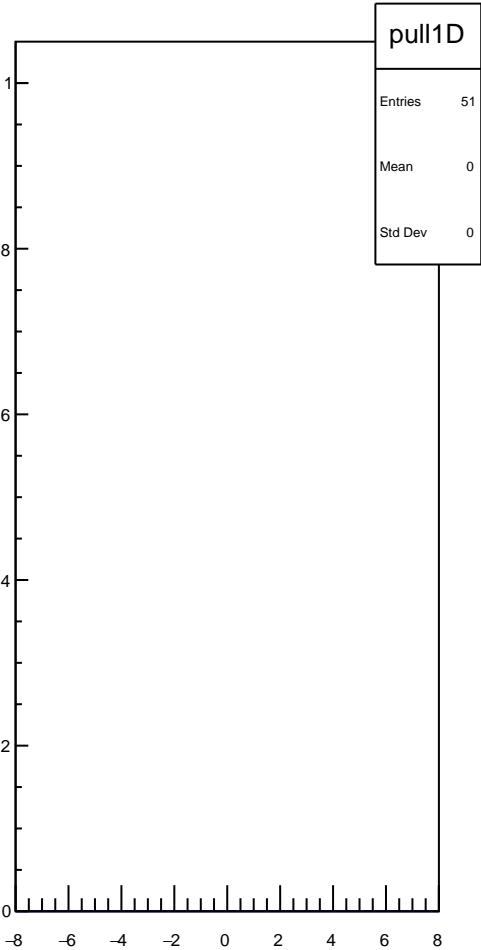
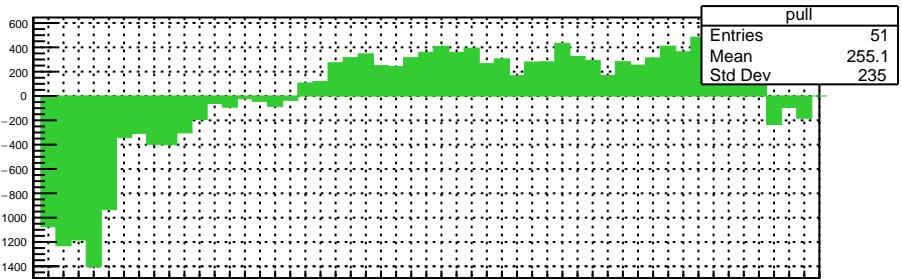
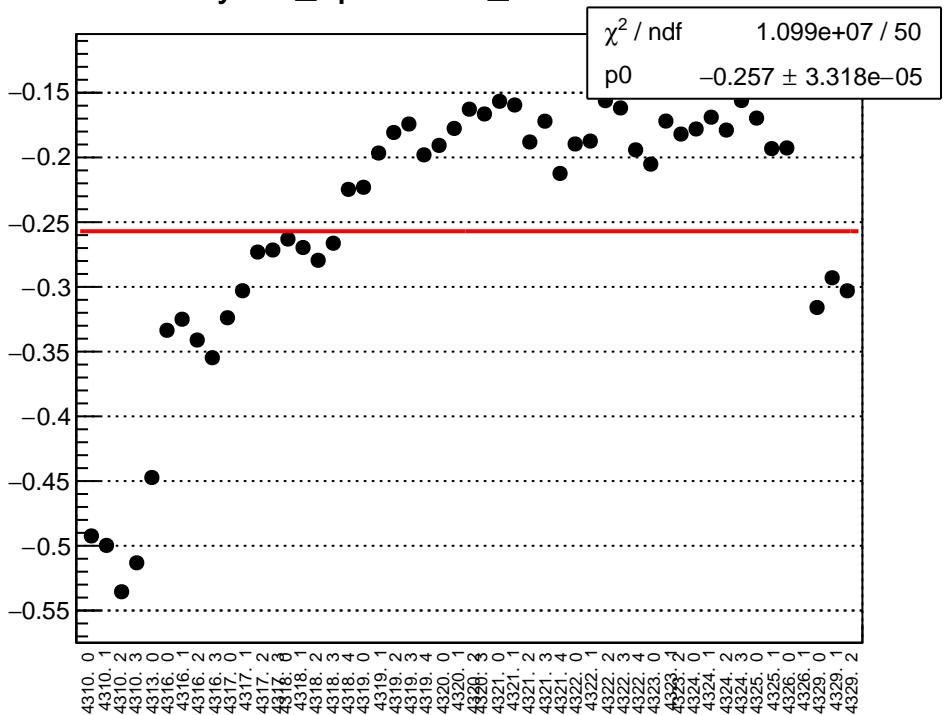
# yield\_bpm0I01Y\_mean vs run



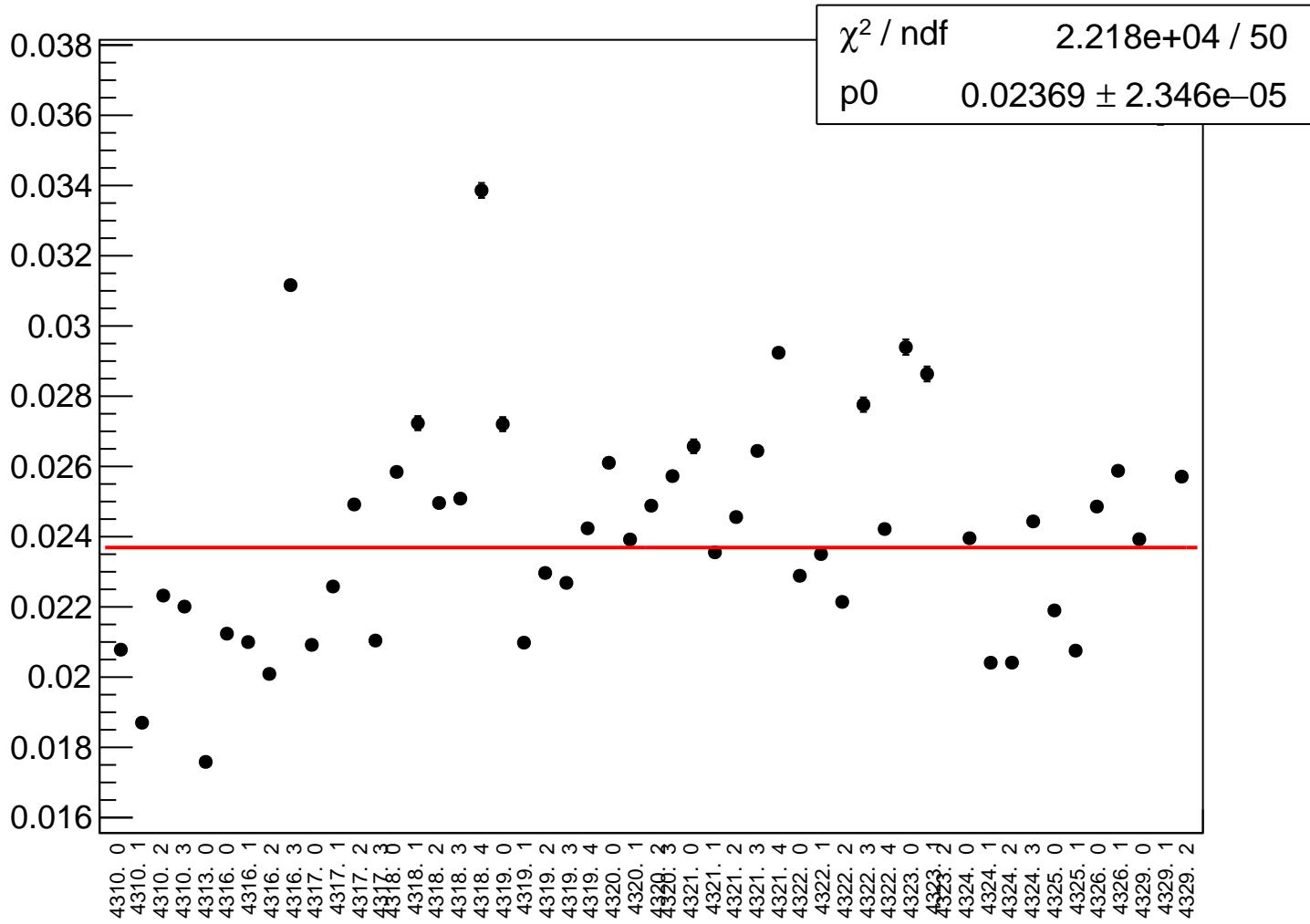
# yield\_bpm0l01Y\_rms vs run



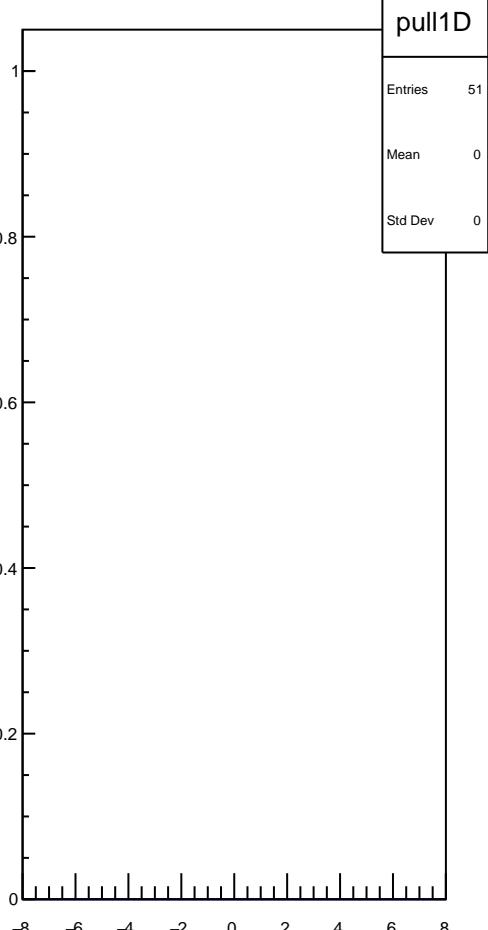
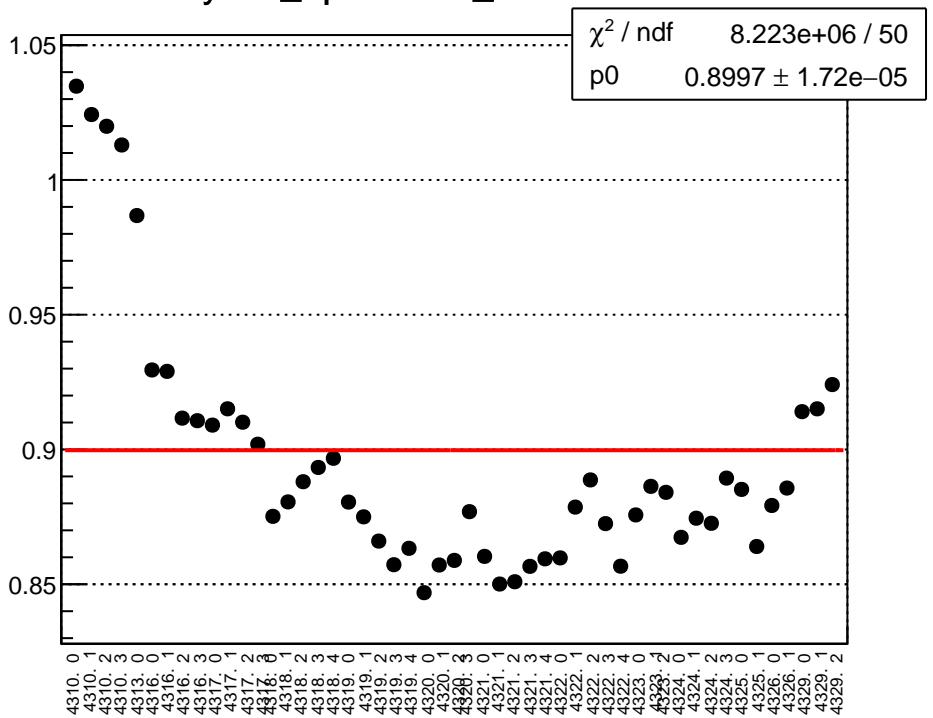
# yield\_bpm0l02X\_mean vs run



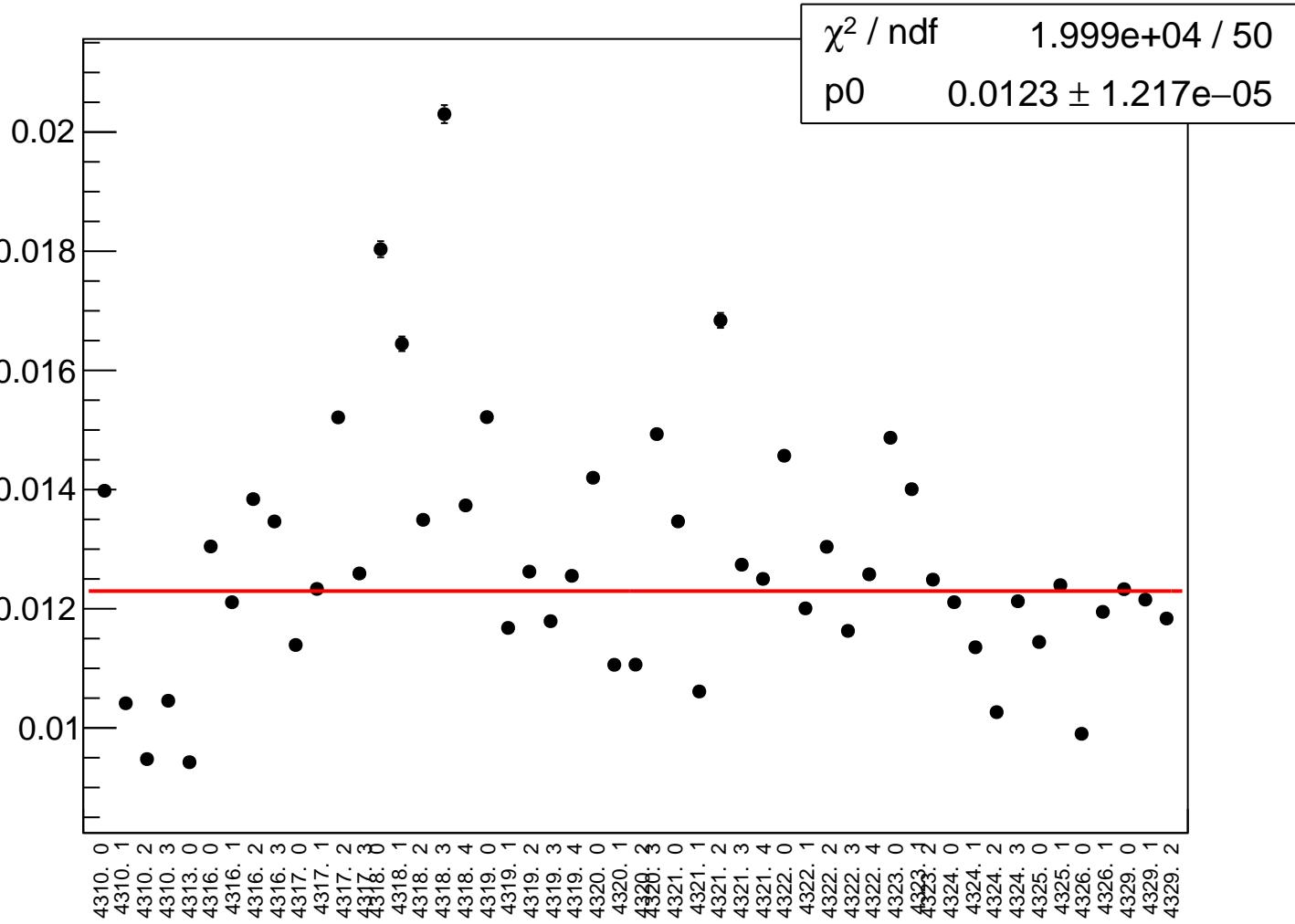
# yield\_bpm0l02X\_rms vs run



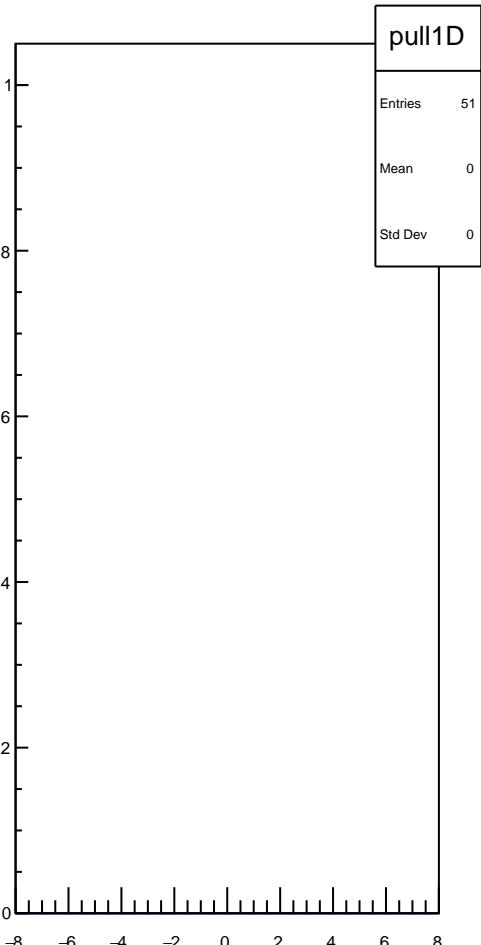
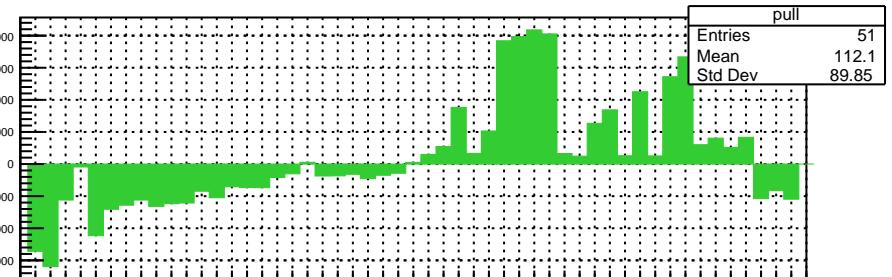
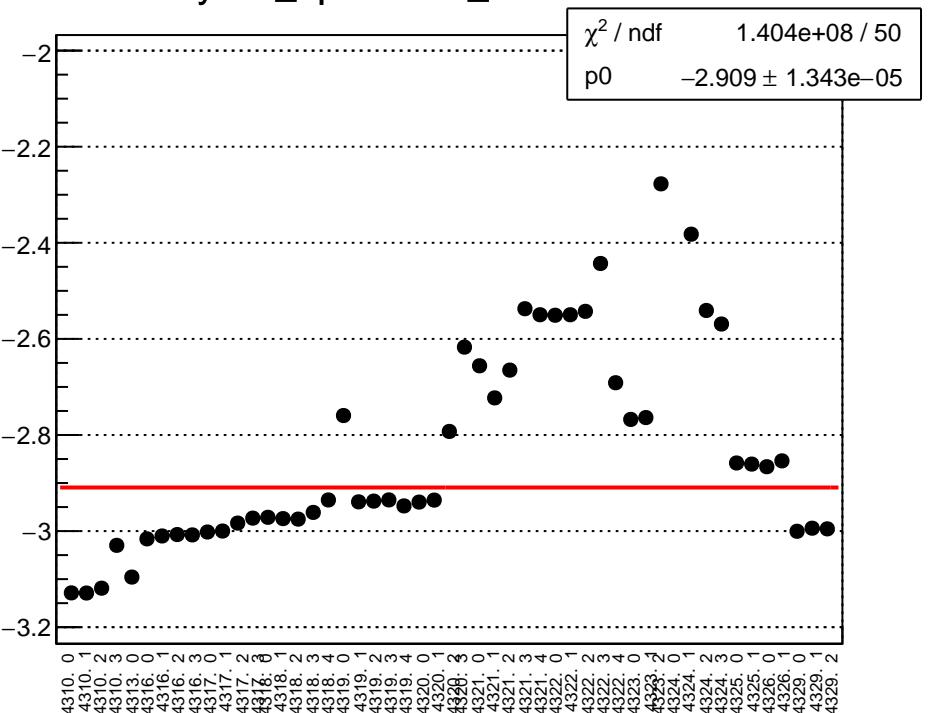
# yield\_bpm0I02Y\_mean vs run



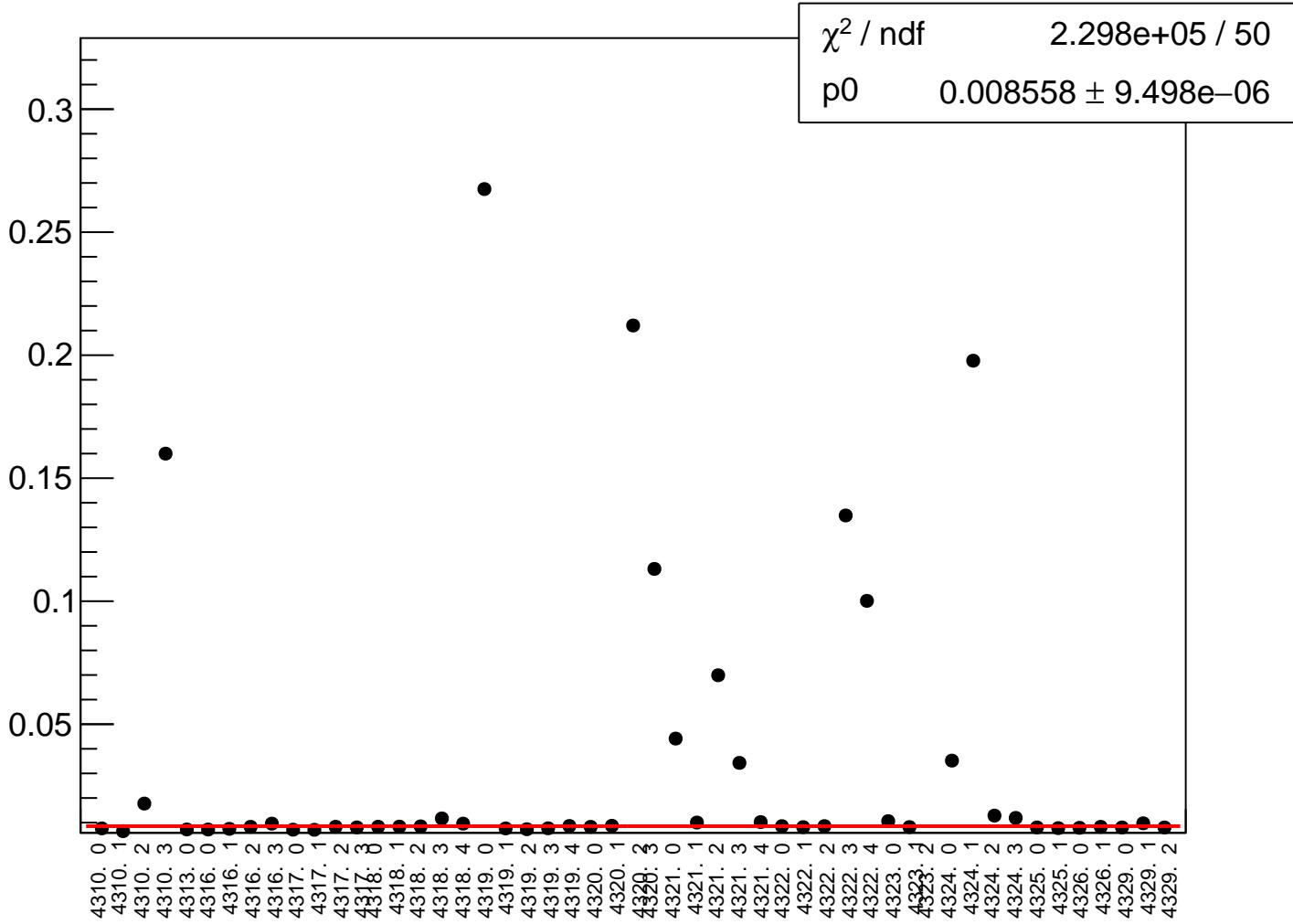
# yield\_bpm0l02Y\_rms vs run



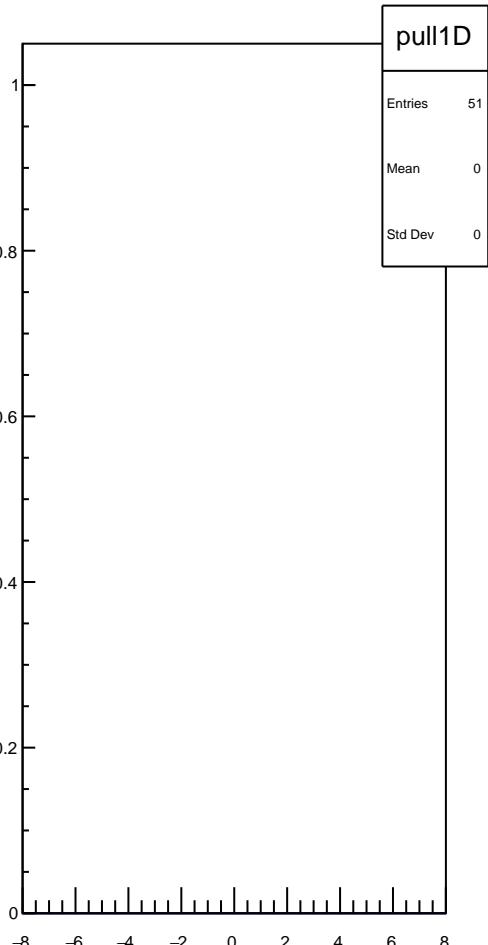
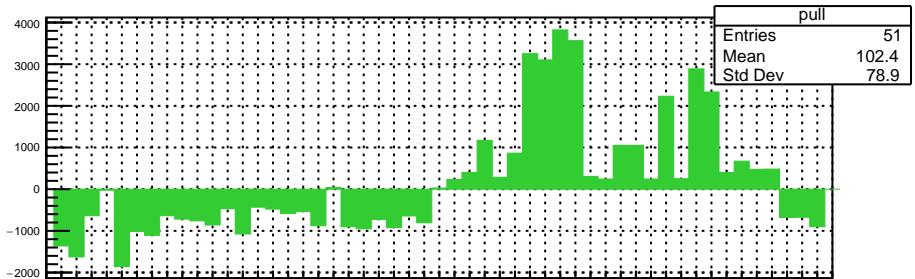
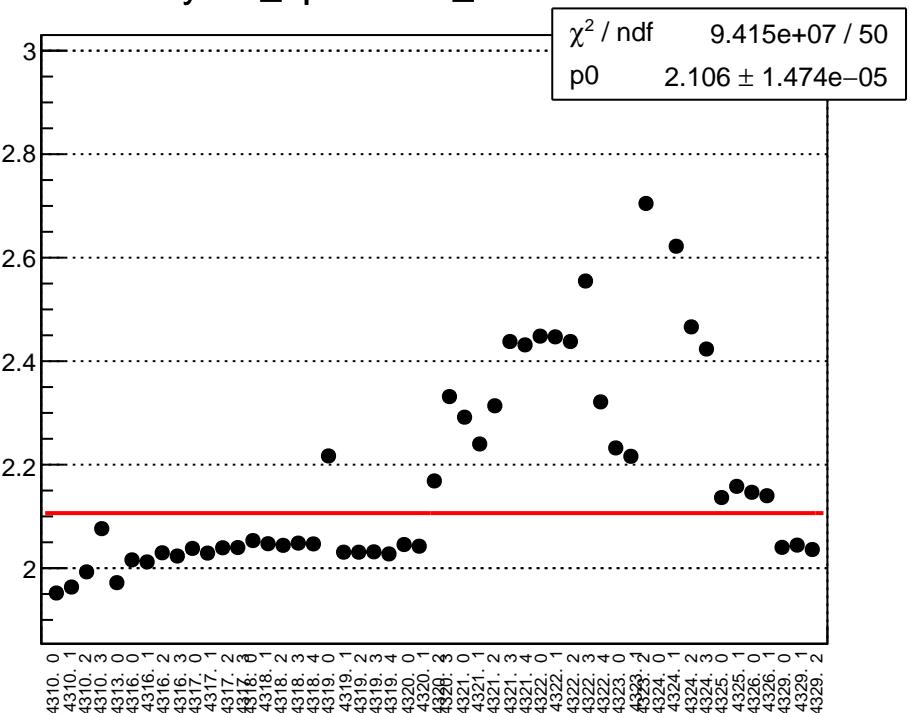
# yield\_bpm0l03X\_mean vs run



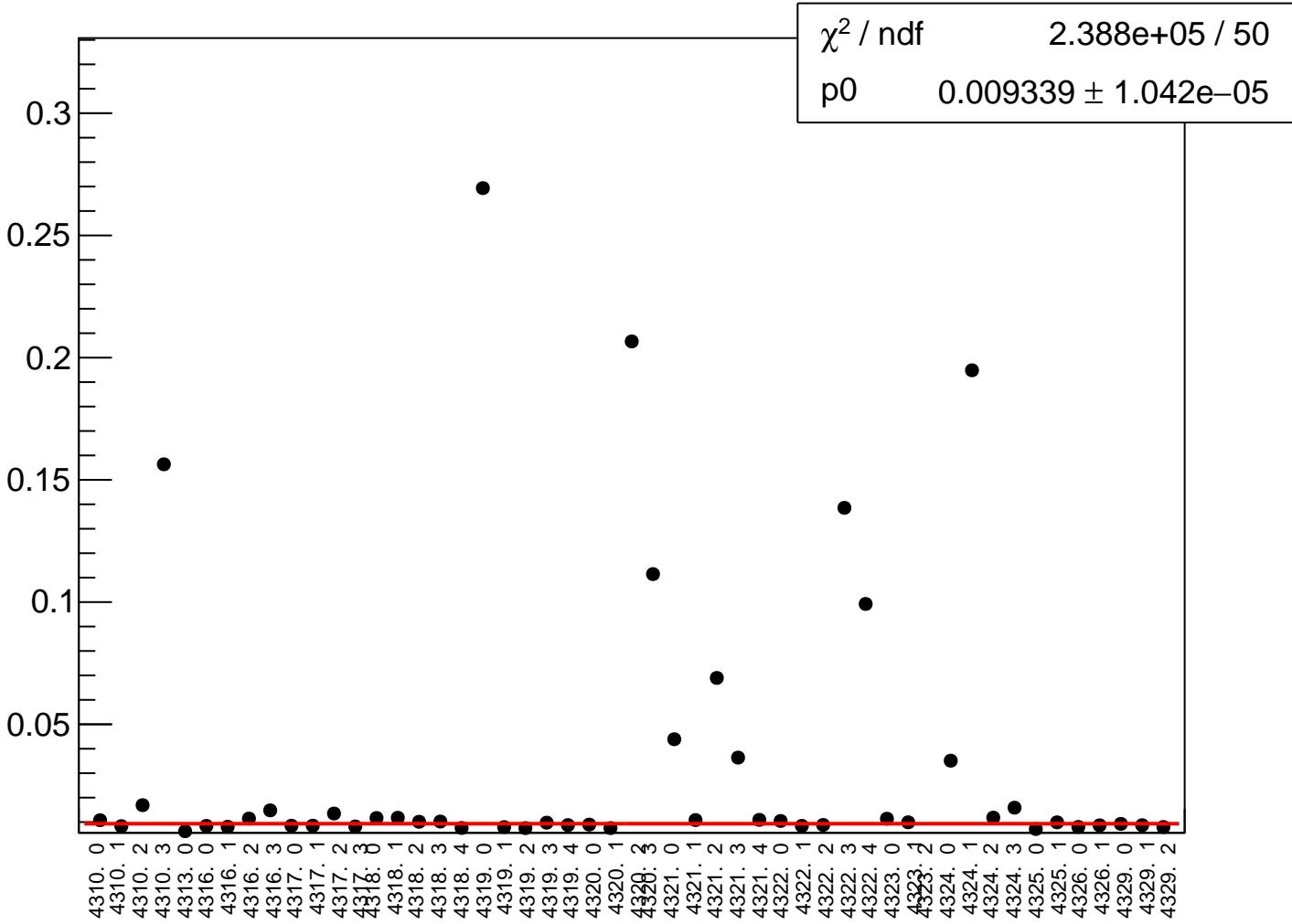
# yield\_bpm0l03X\_rms vs run



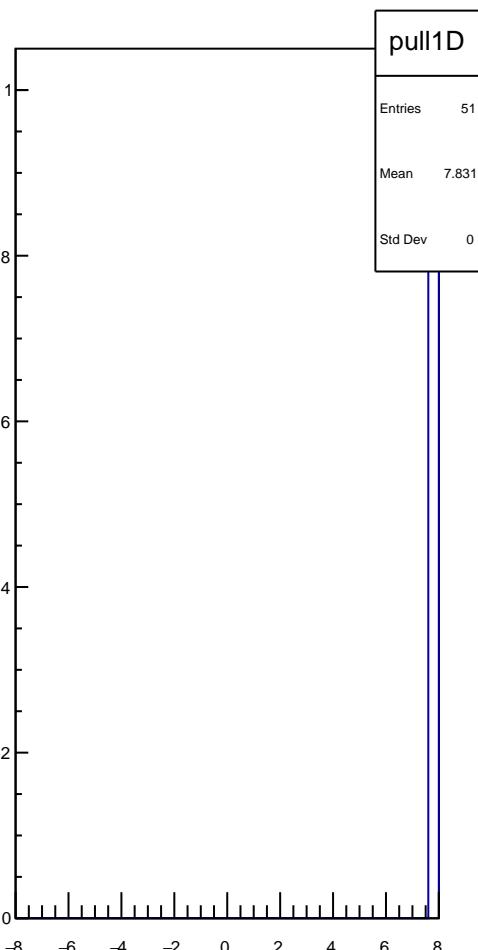
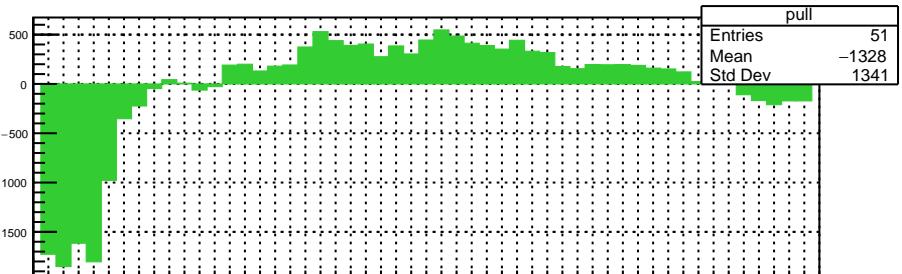
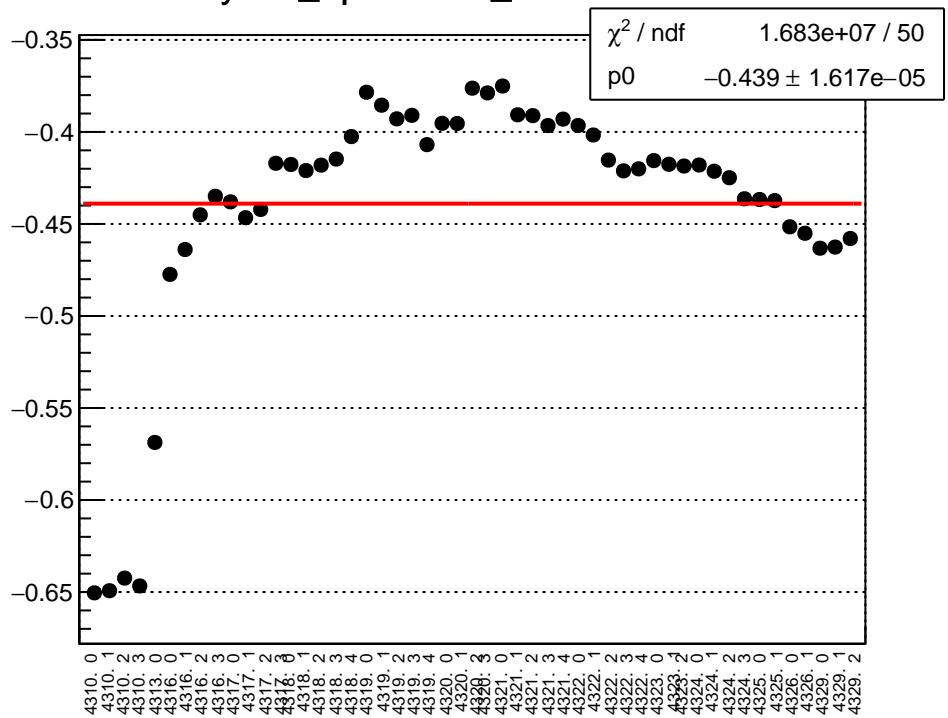
# yield\_bpm0I03Y\_mean vs run



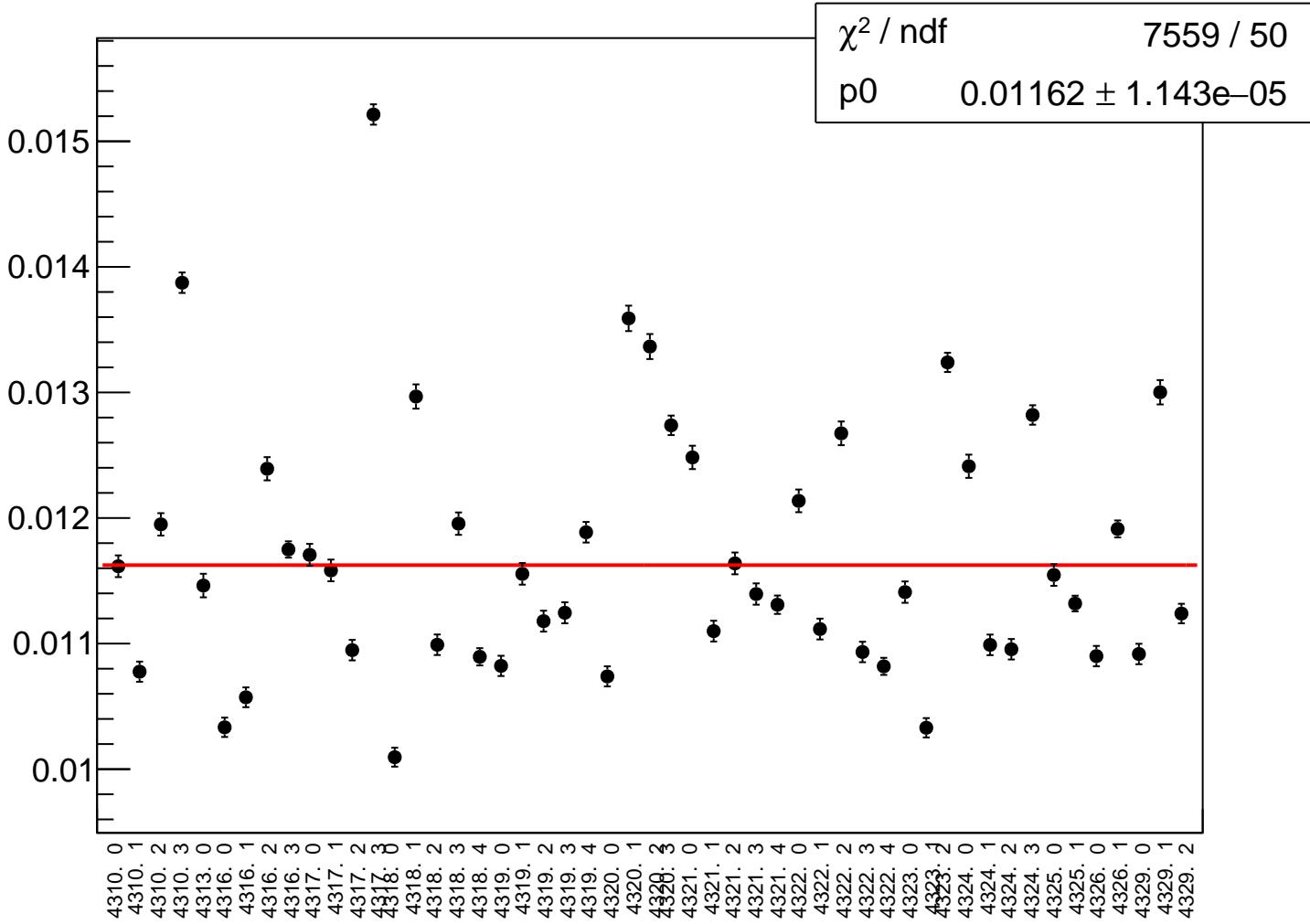
# yield\_bpm0l03Y\_rms vs run



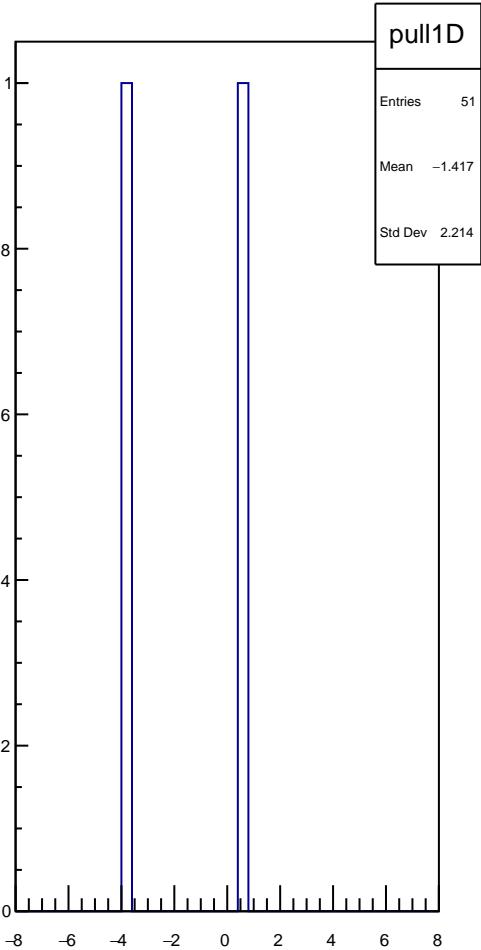
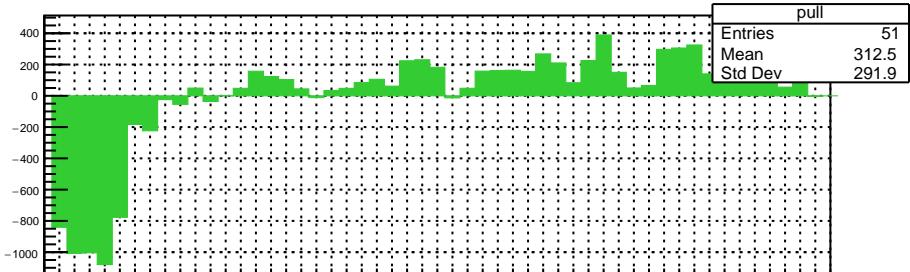
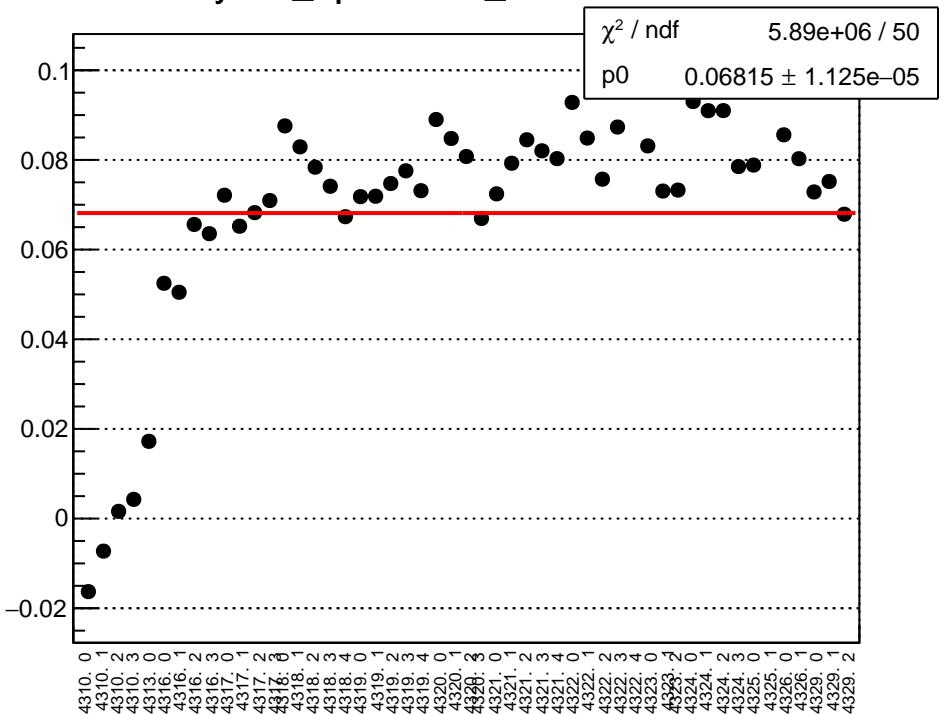
# yield\_bpm0l04X\_mean vs run



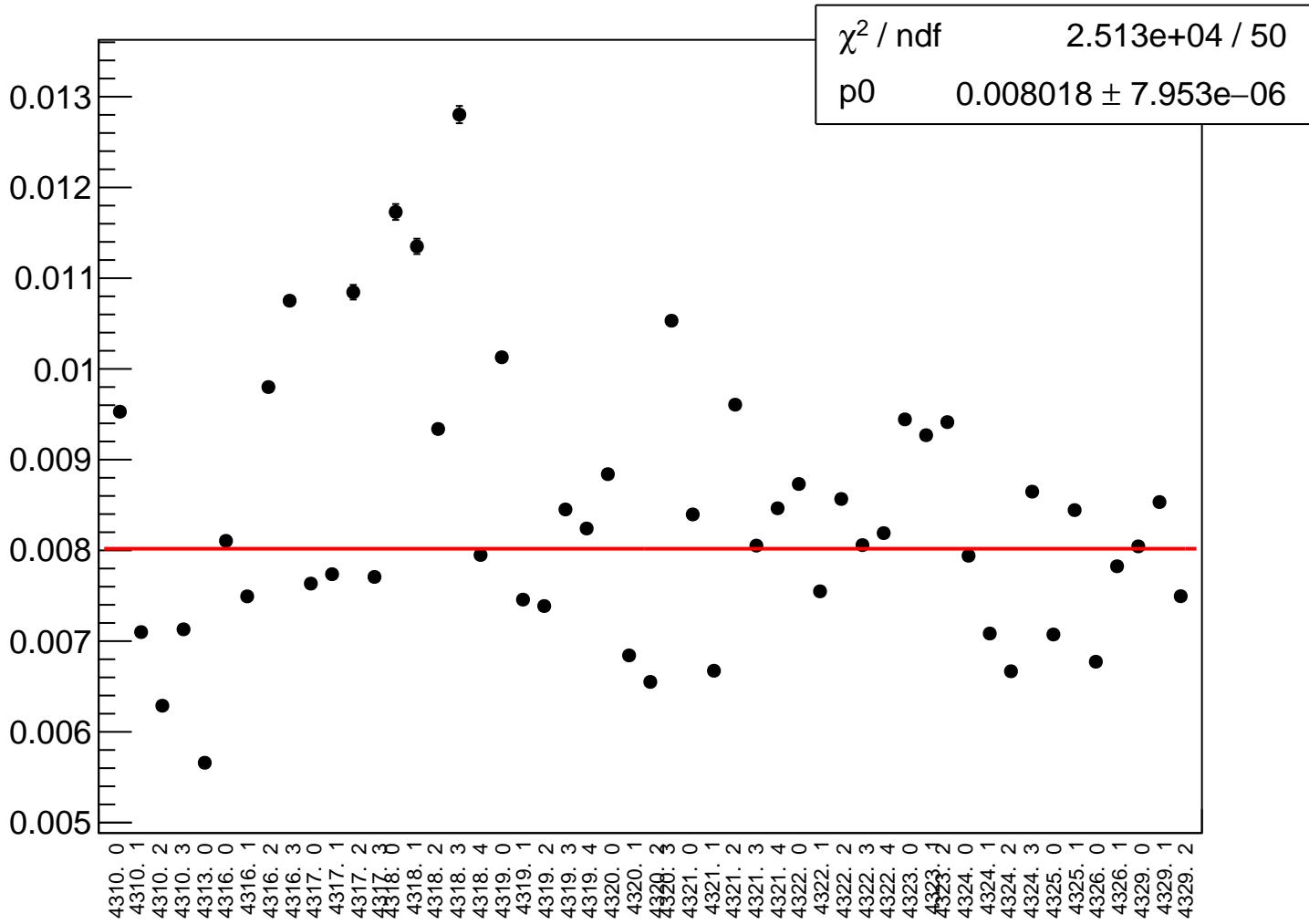
# yield\_bpm0l04X\_rms vs run



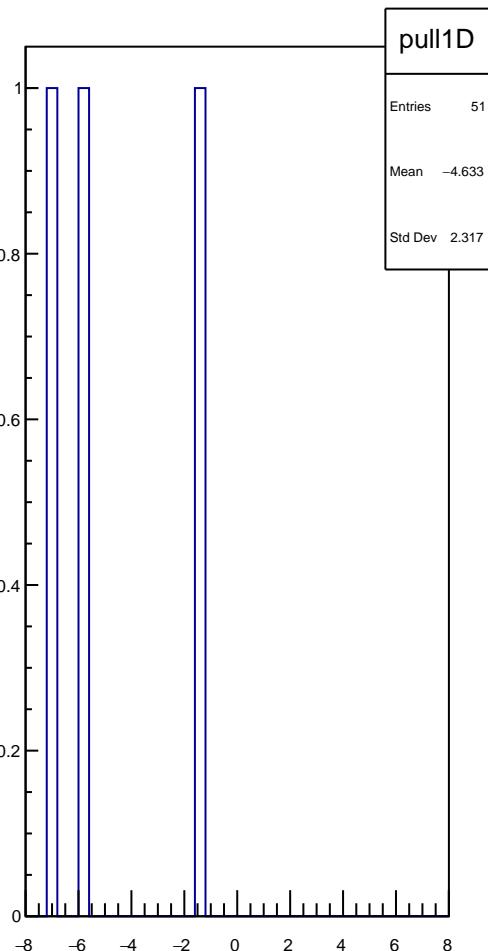
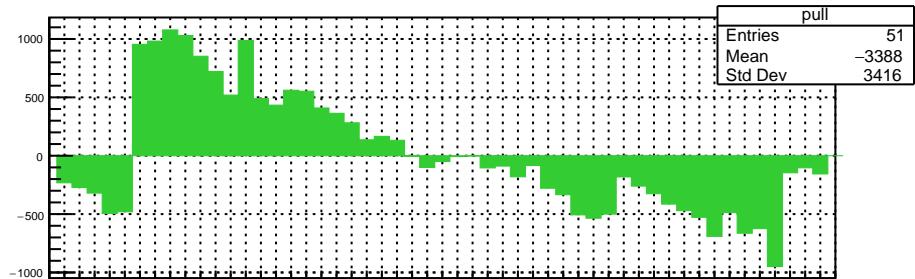
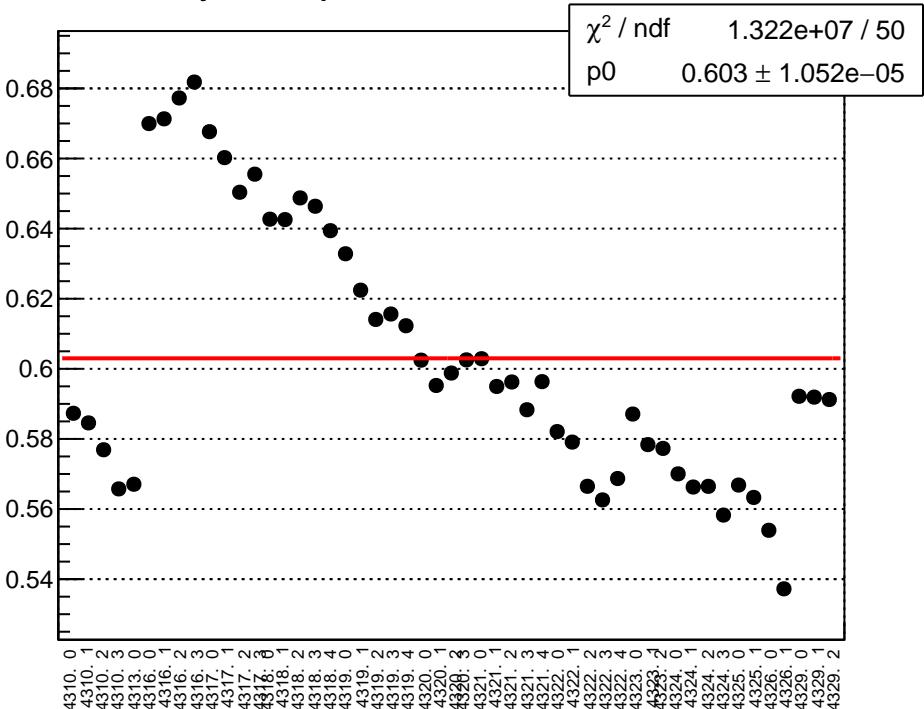
# yield\_bpm0I04Y\_mean vs run



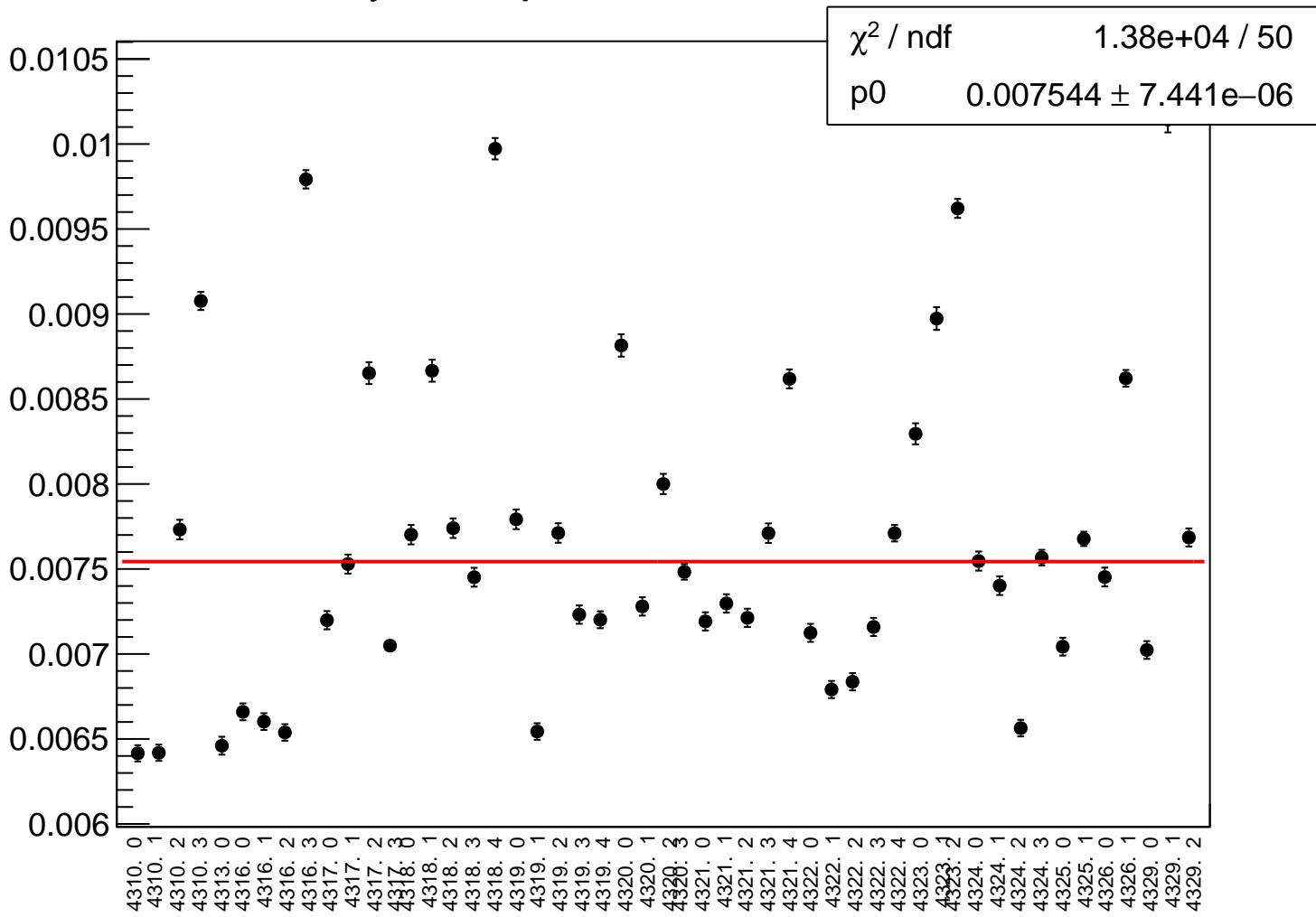
# yield\_bpm0l04Y\_rms vs run



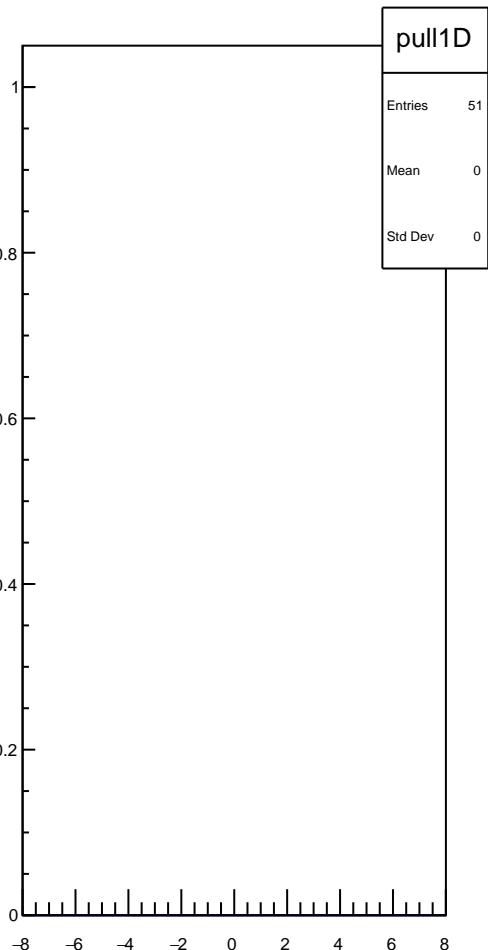
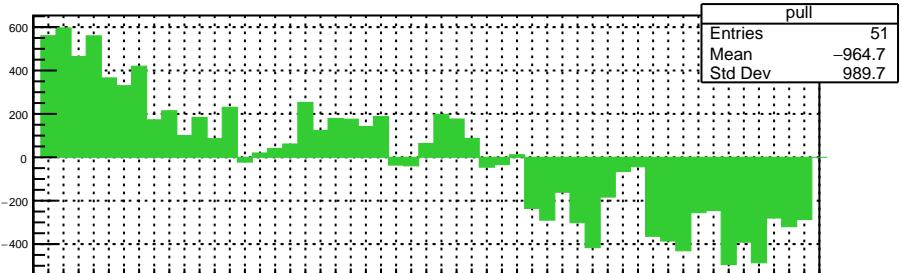
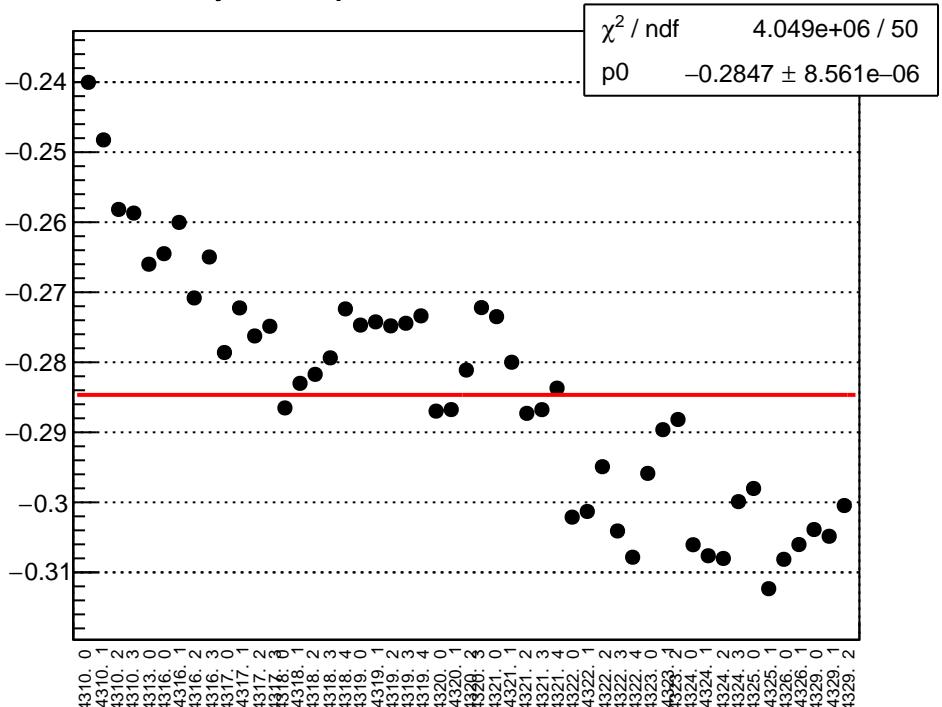
# yield\_bpm0l05X\_mean vs run



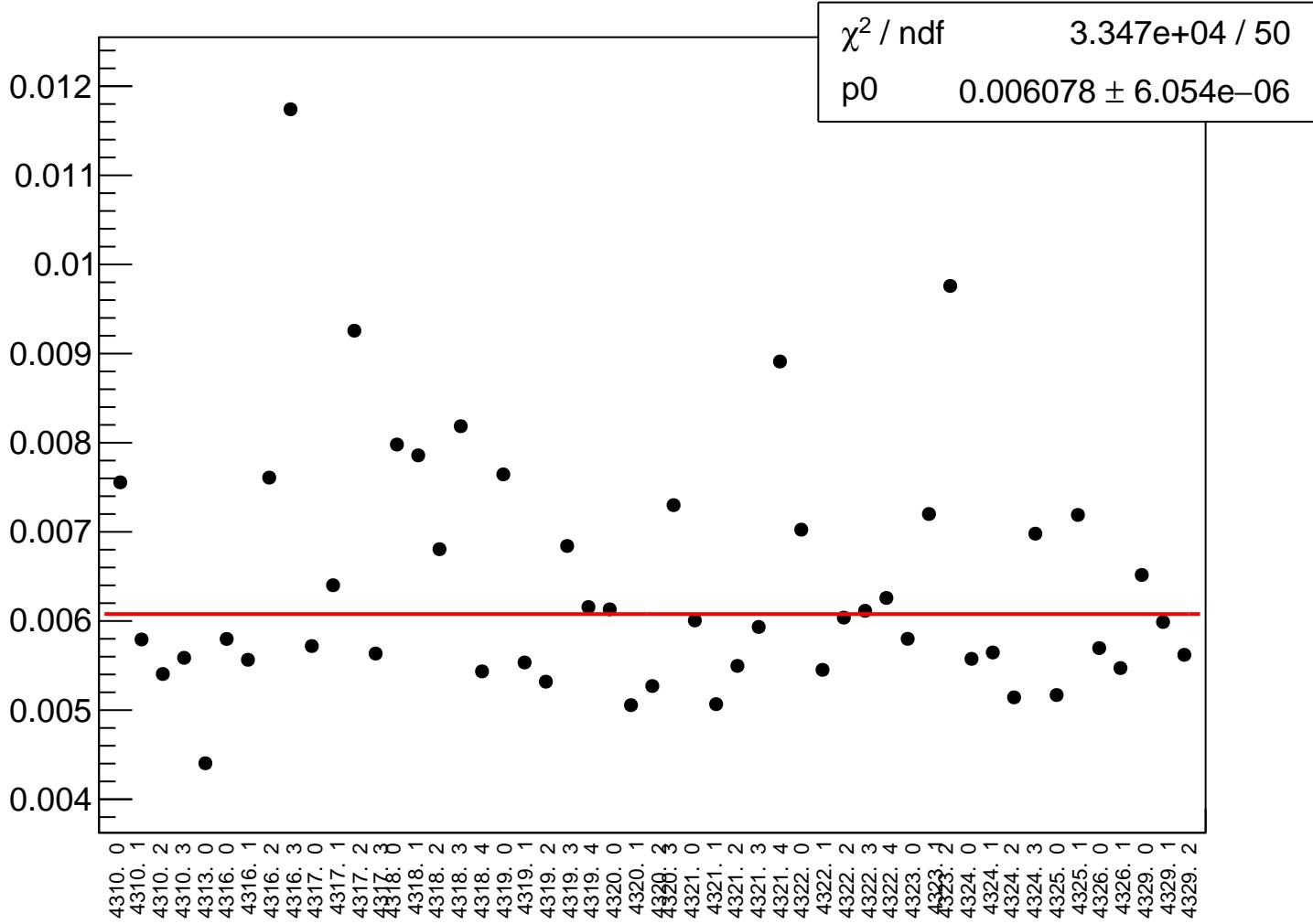
# yield\_bpm0l05X\_rms vs run



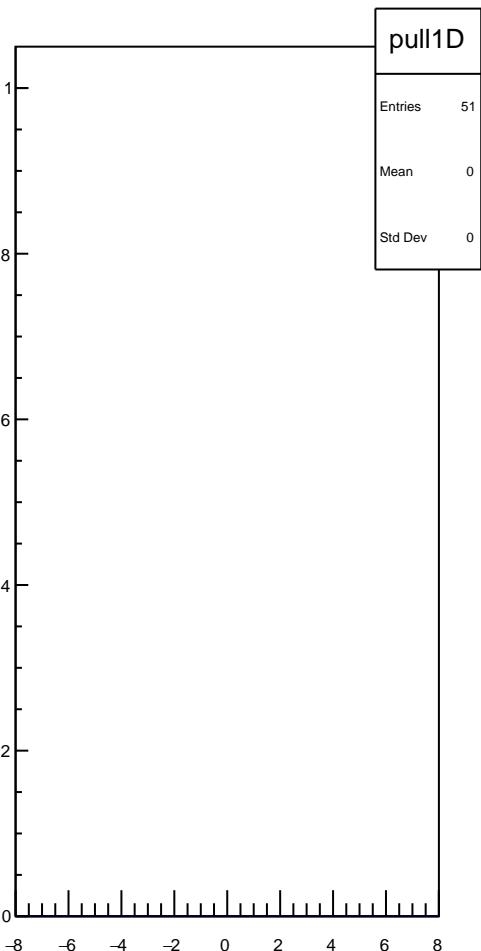
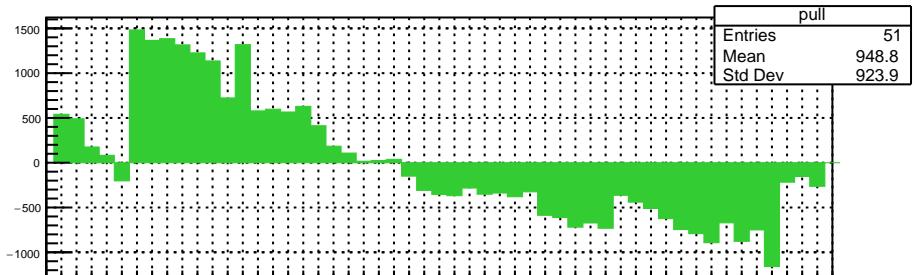
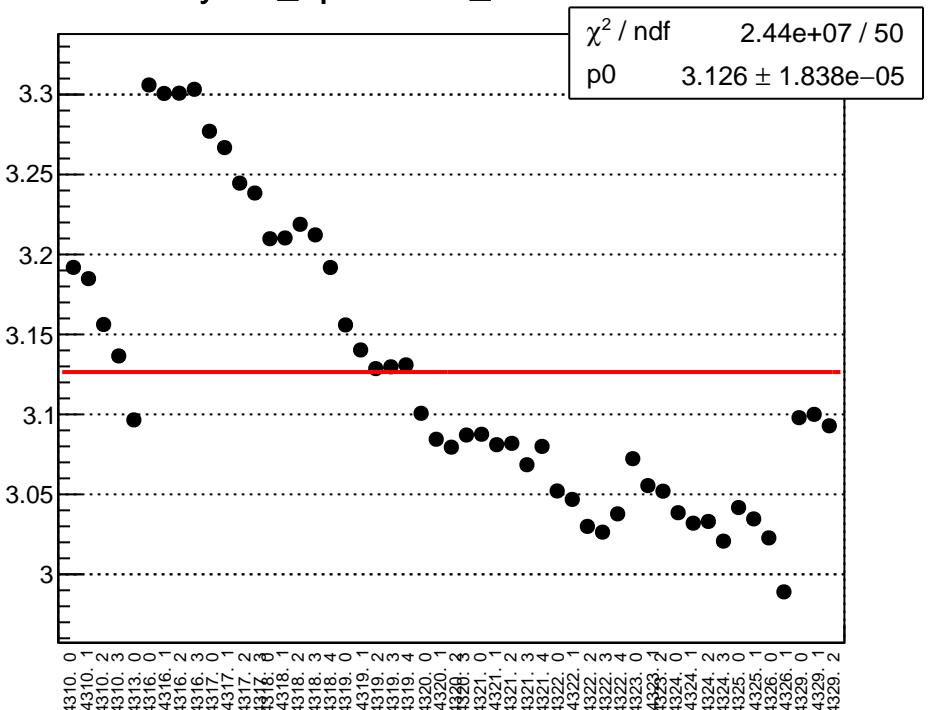
# yield\_bpm0I05Y\_mean vs run



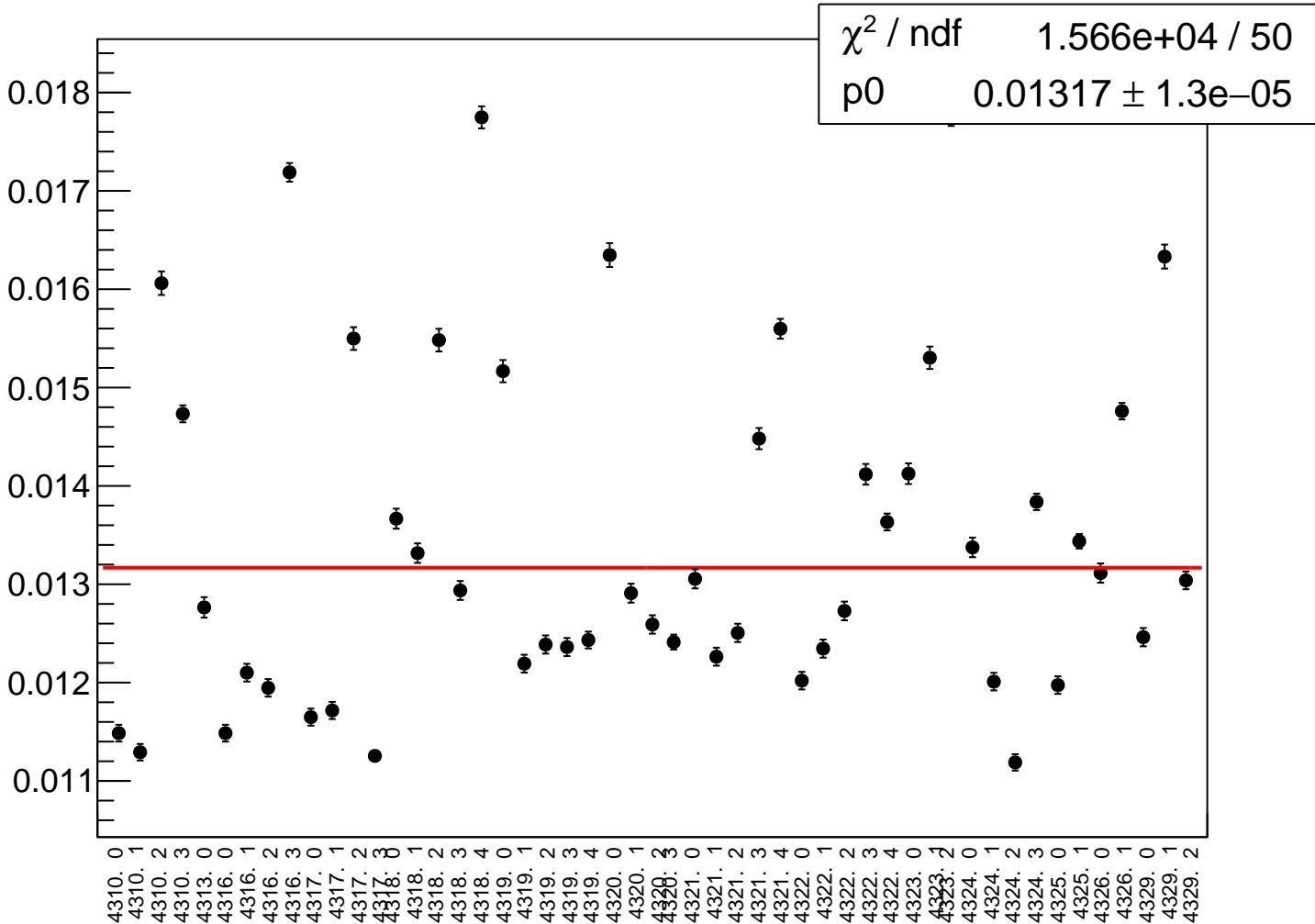
# yield\_bpm0l05Y\_rms vs run



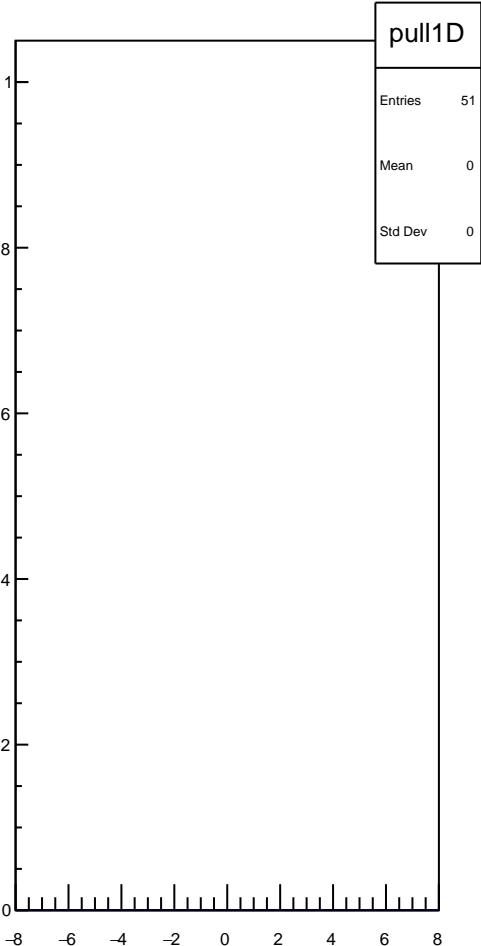
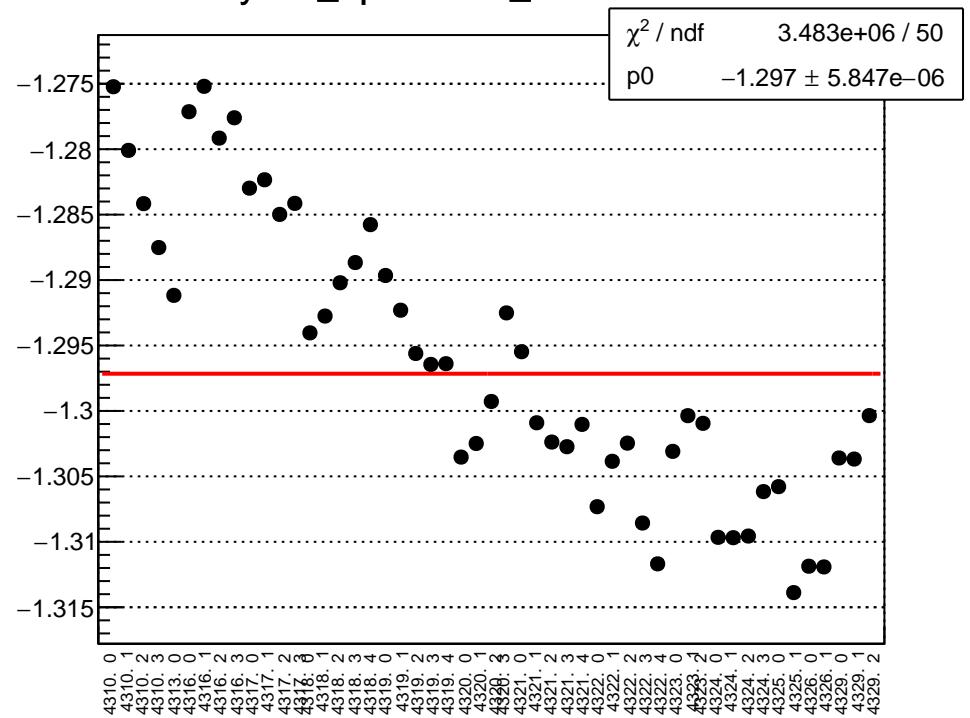
# yield\_bpm0l06X\_mean vs run



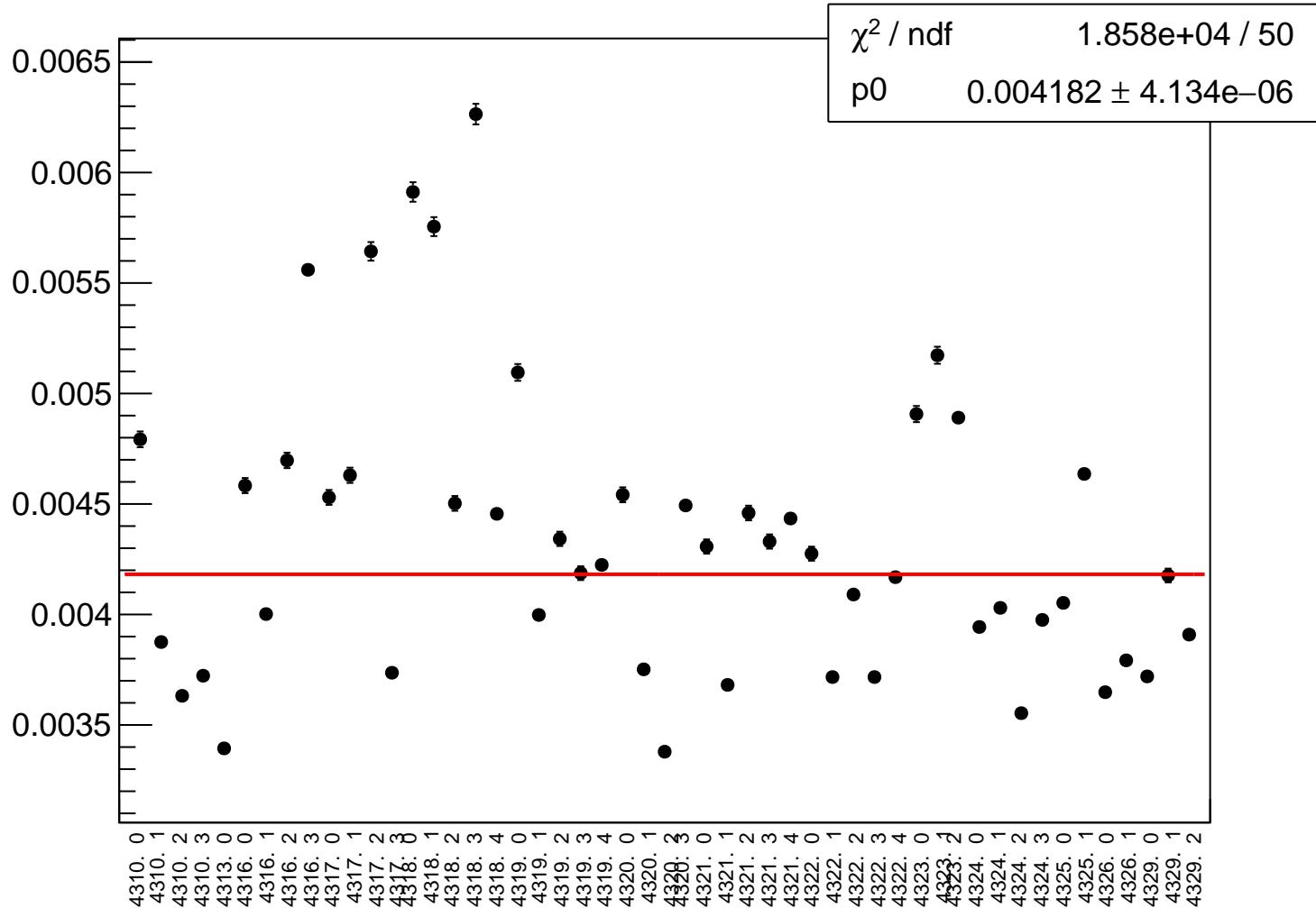
# yield\_bpm0l06X\_rms vs run



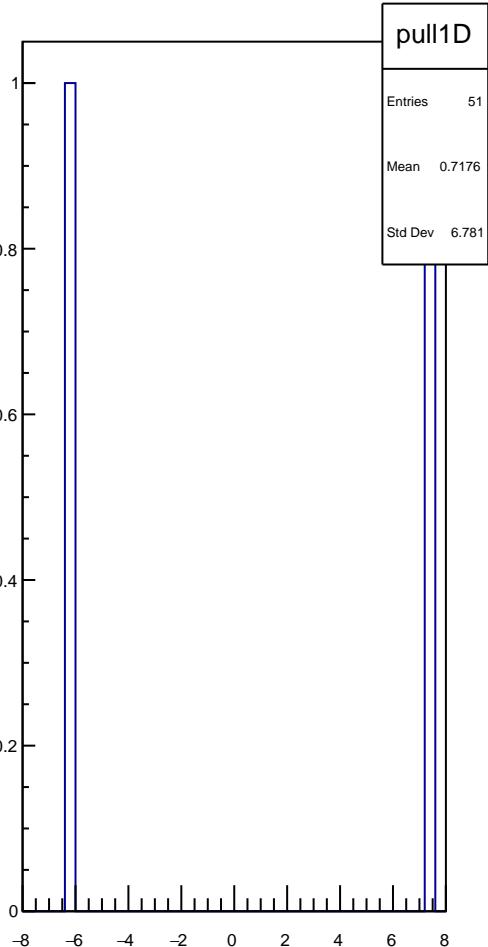
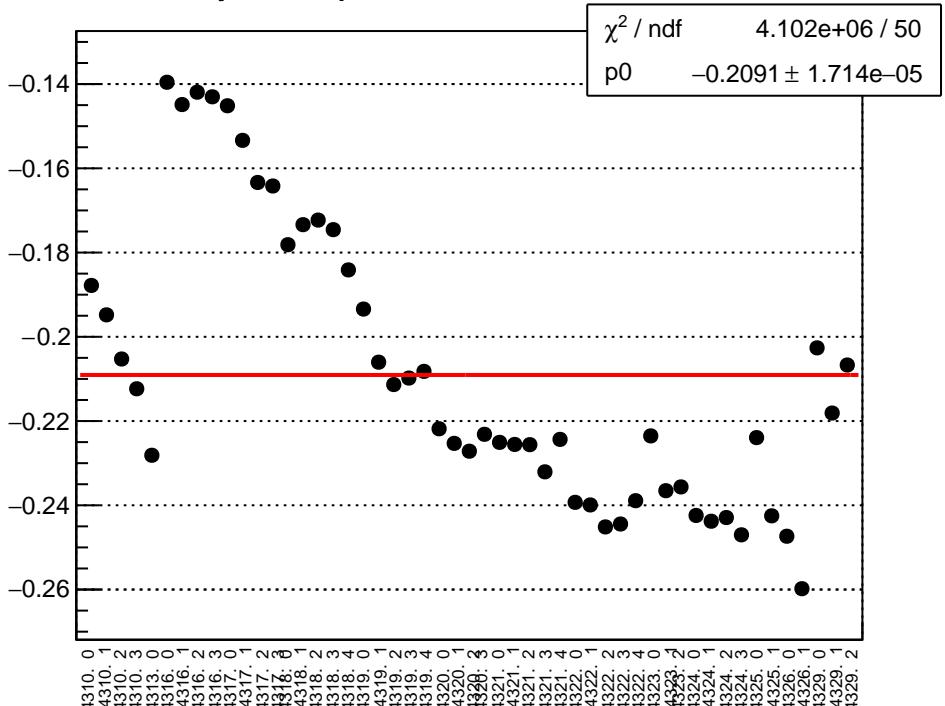
# yield\_bpm0I06Y\_mean vs run



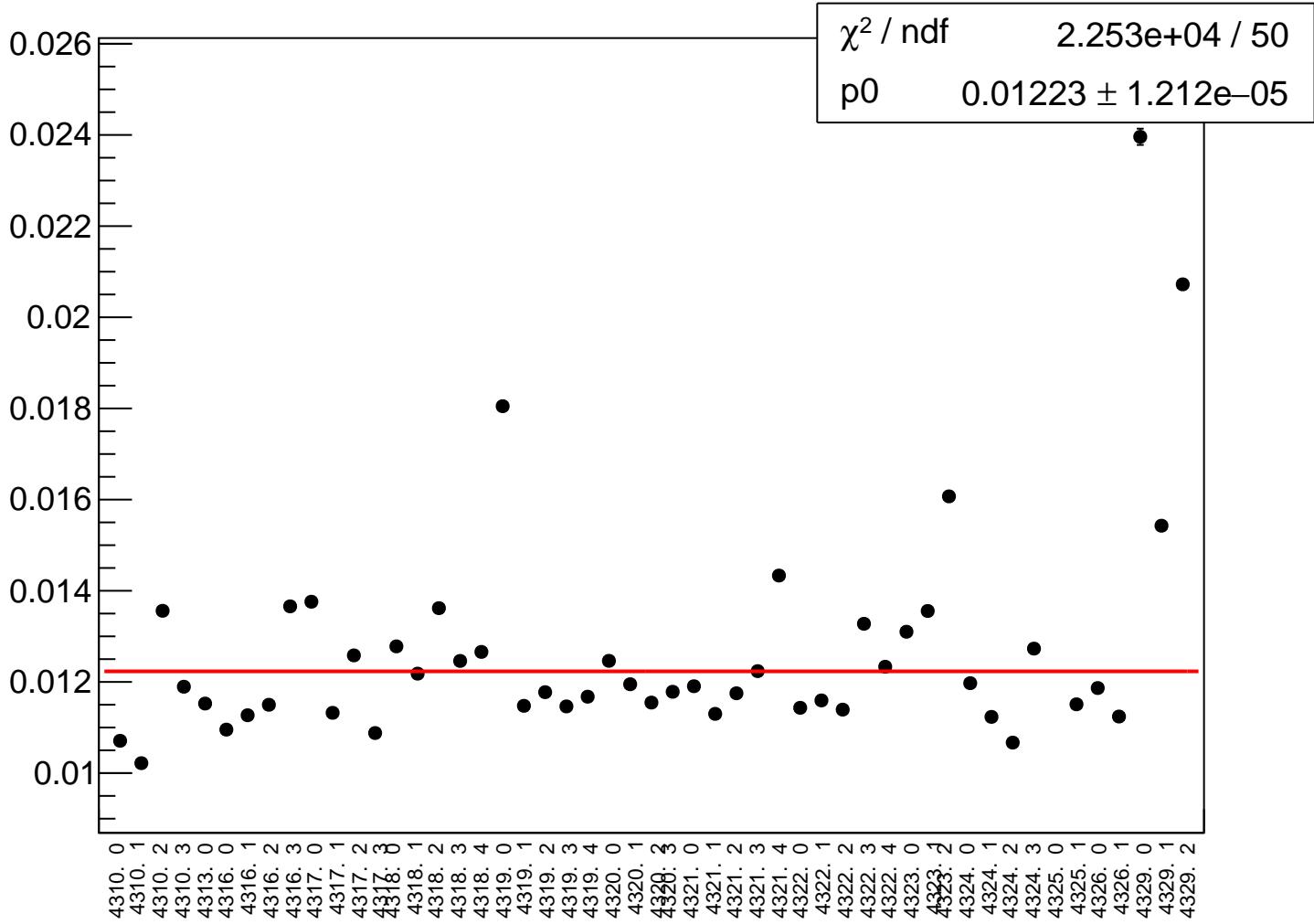
# yield\_bpm0l06Y\_rms vs run



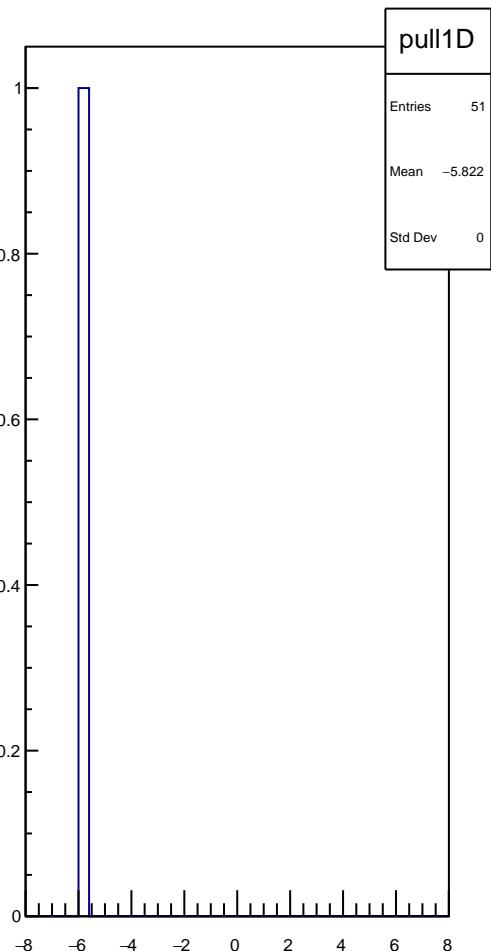
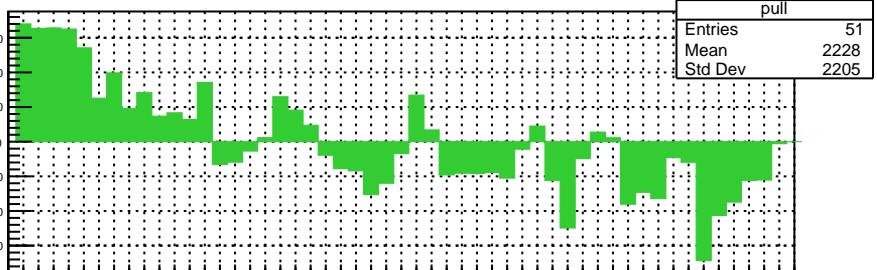
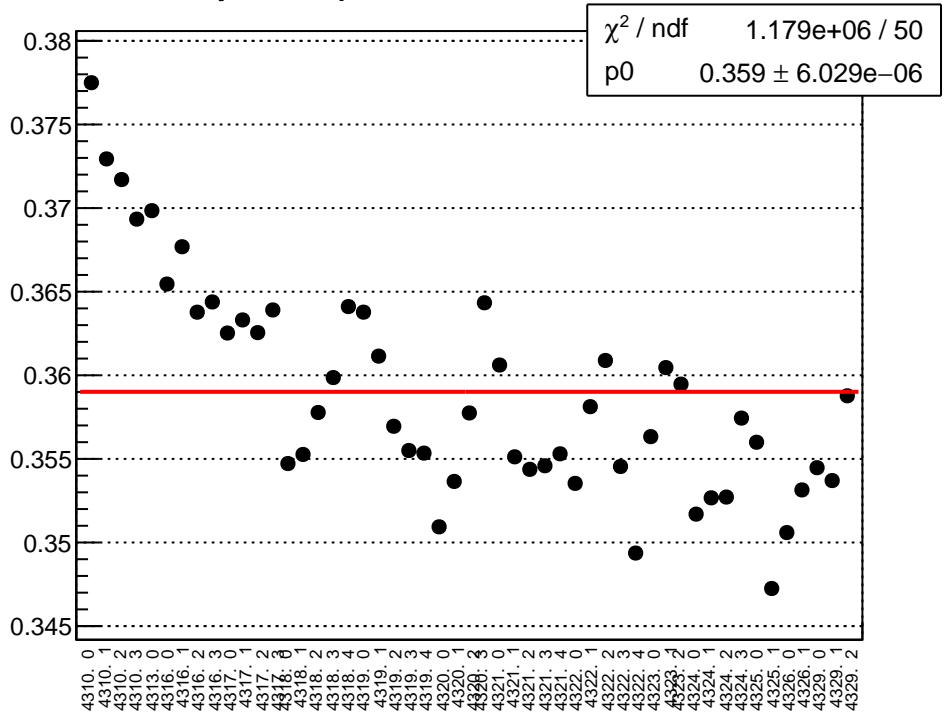
# yield\_bpm0I07X\_mean vs run



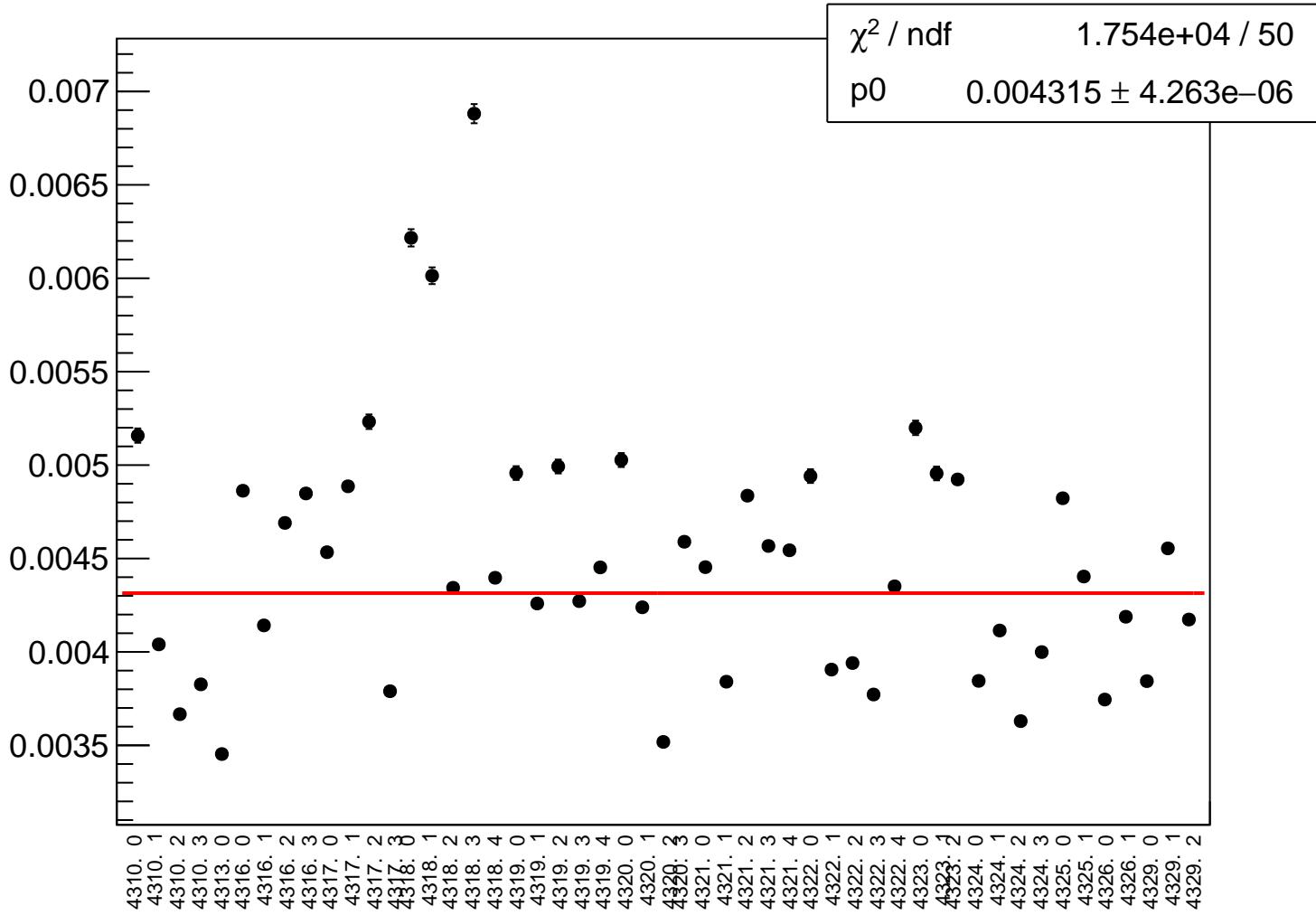
# yield\_bpm0l07X\_rms vs run



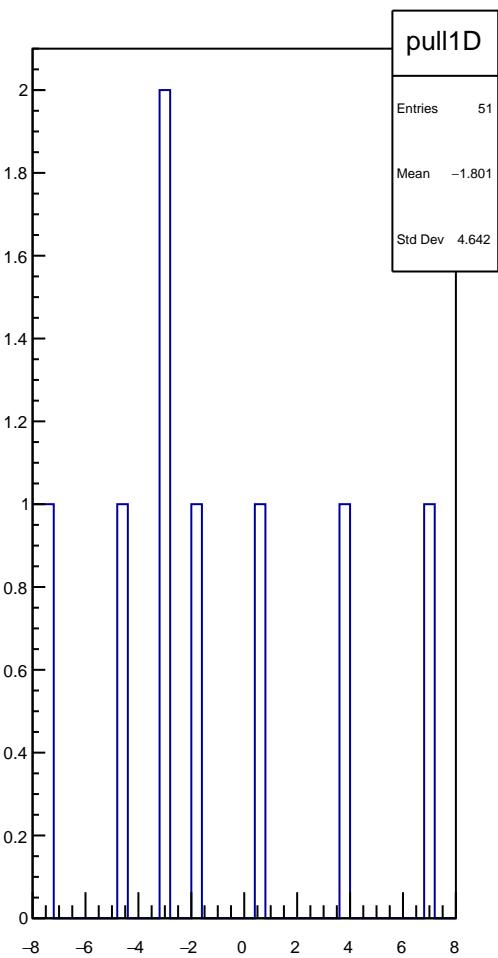
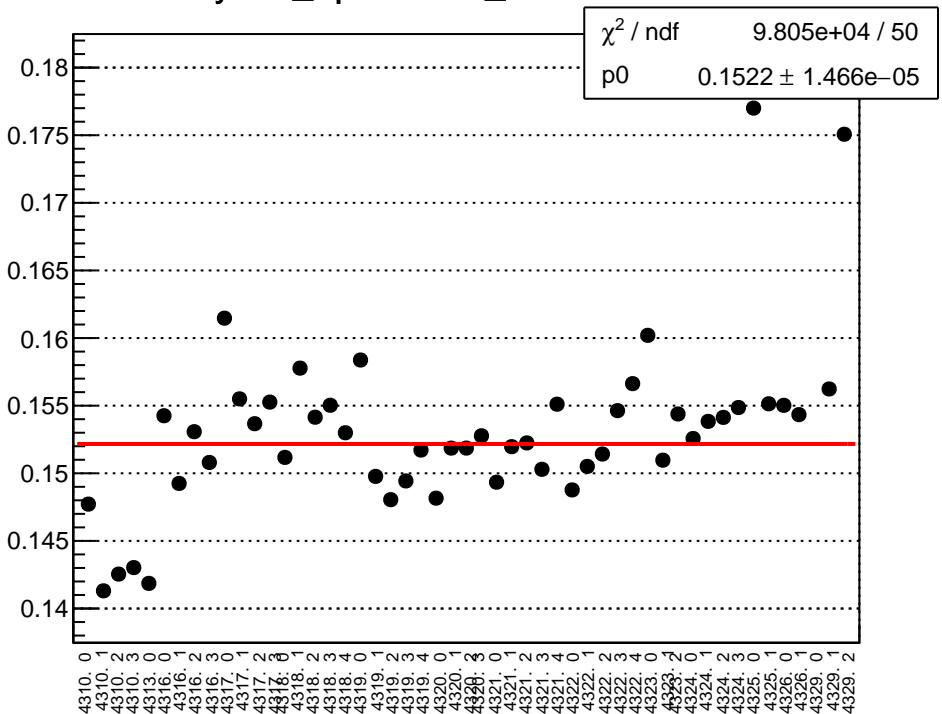
# yield\_bpm0I07Y\_mean vs run



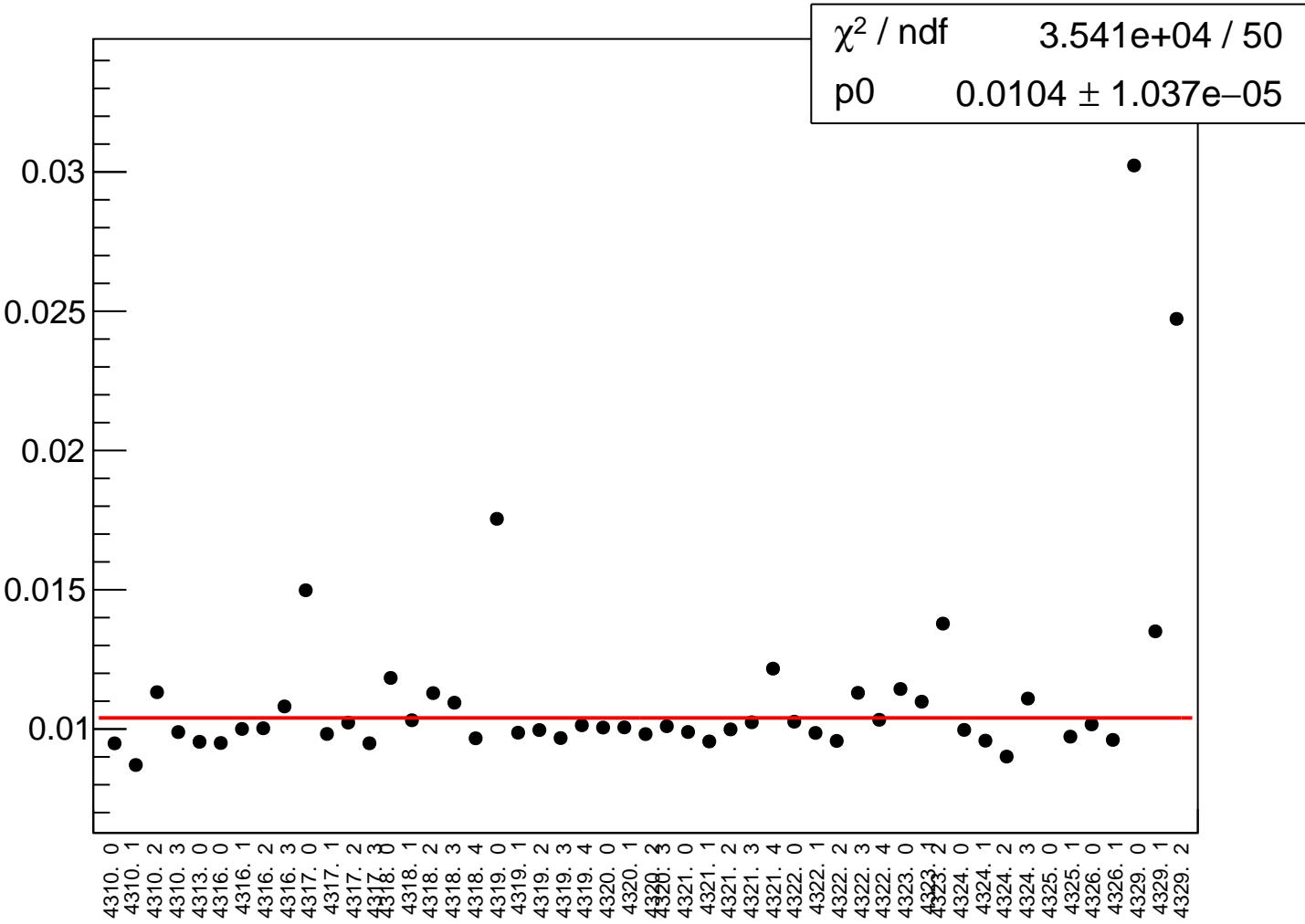
# yield\_bpm0l07Y\_rms vs run



# yield\_bpm0l08X\_mean vs run

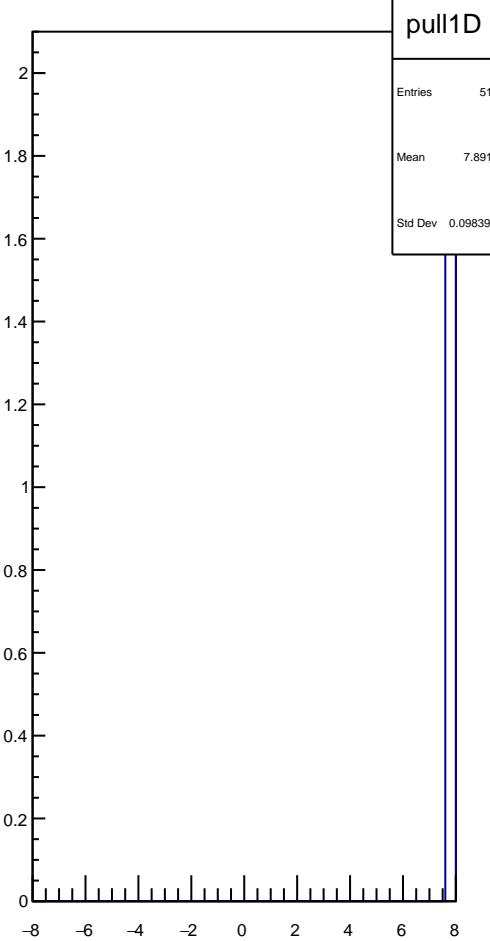
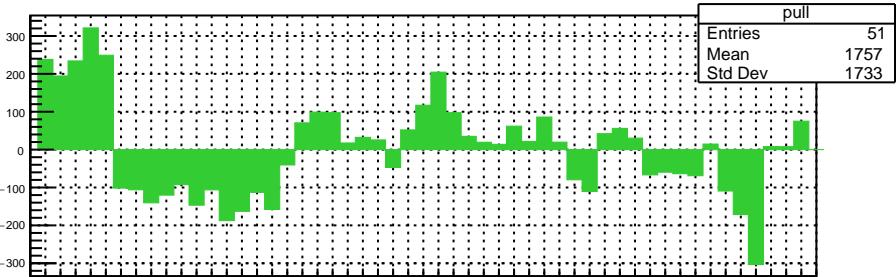
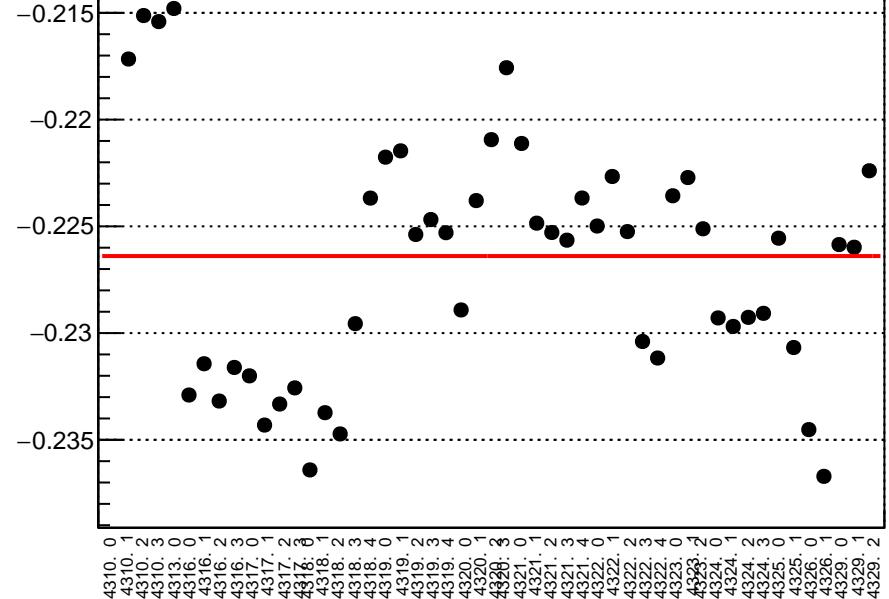


# yield\_bpm0l08X\_rms vs run

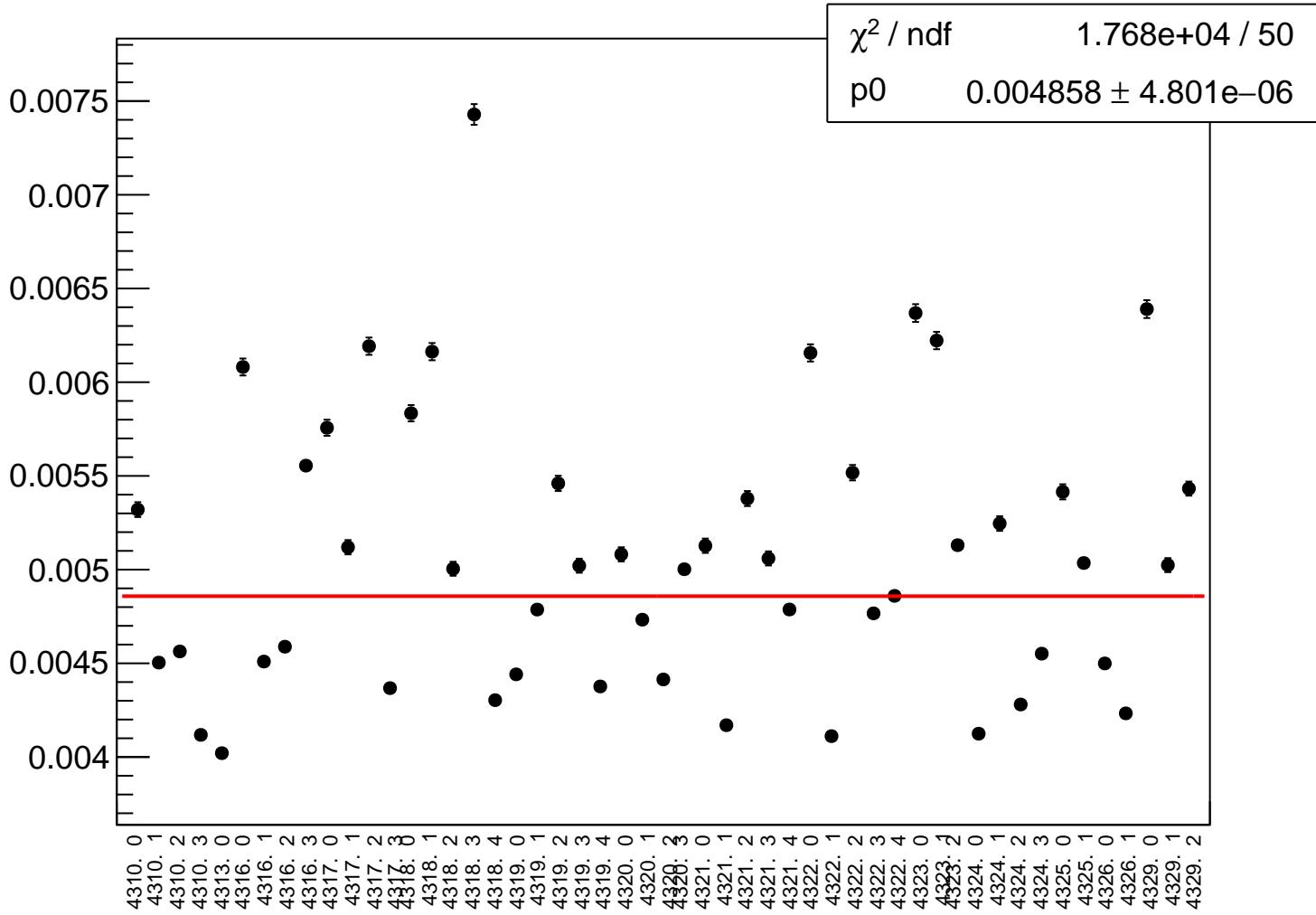


# yield\_bpm0I08Y\_mean vs run

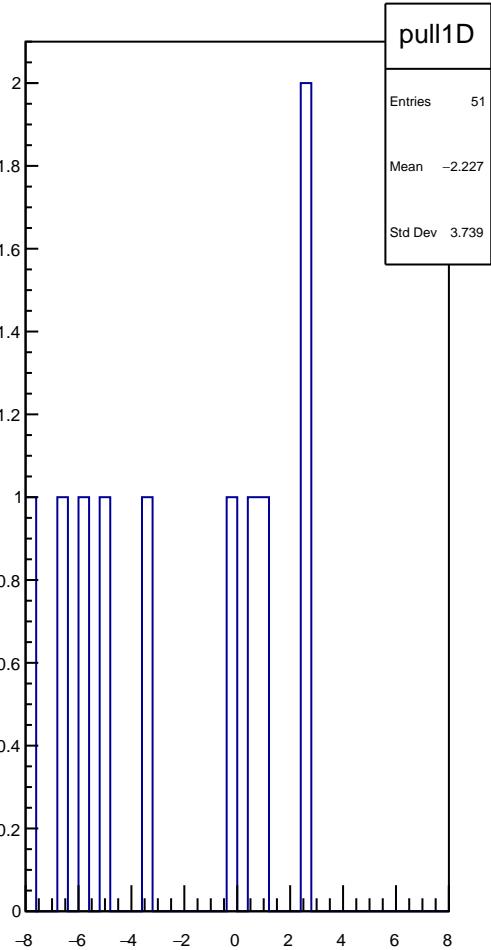
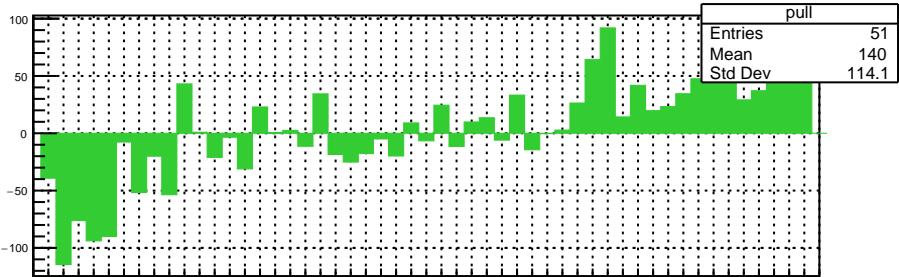
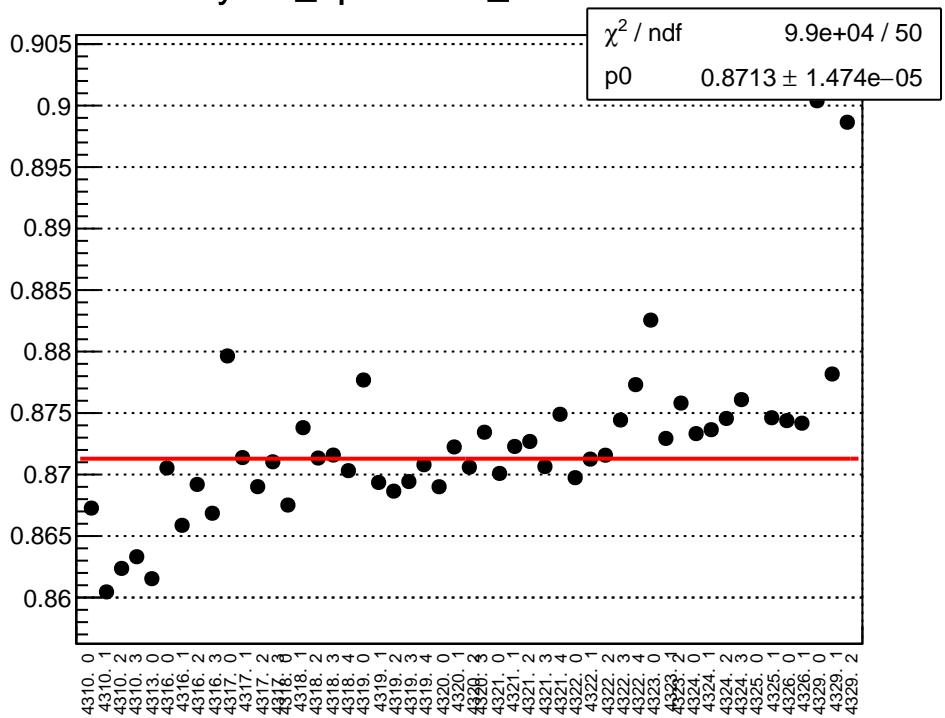
$\chi^2 / \text{ndf}$  8.036e+05 / 50  
p0  $-0.2264 \pm 6.79\text{e}{-}06$



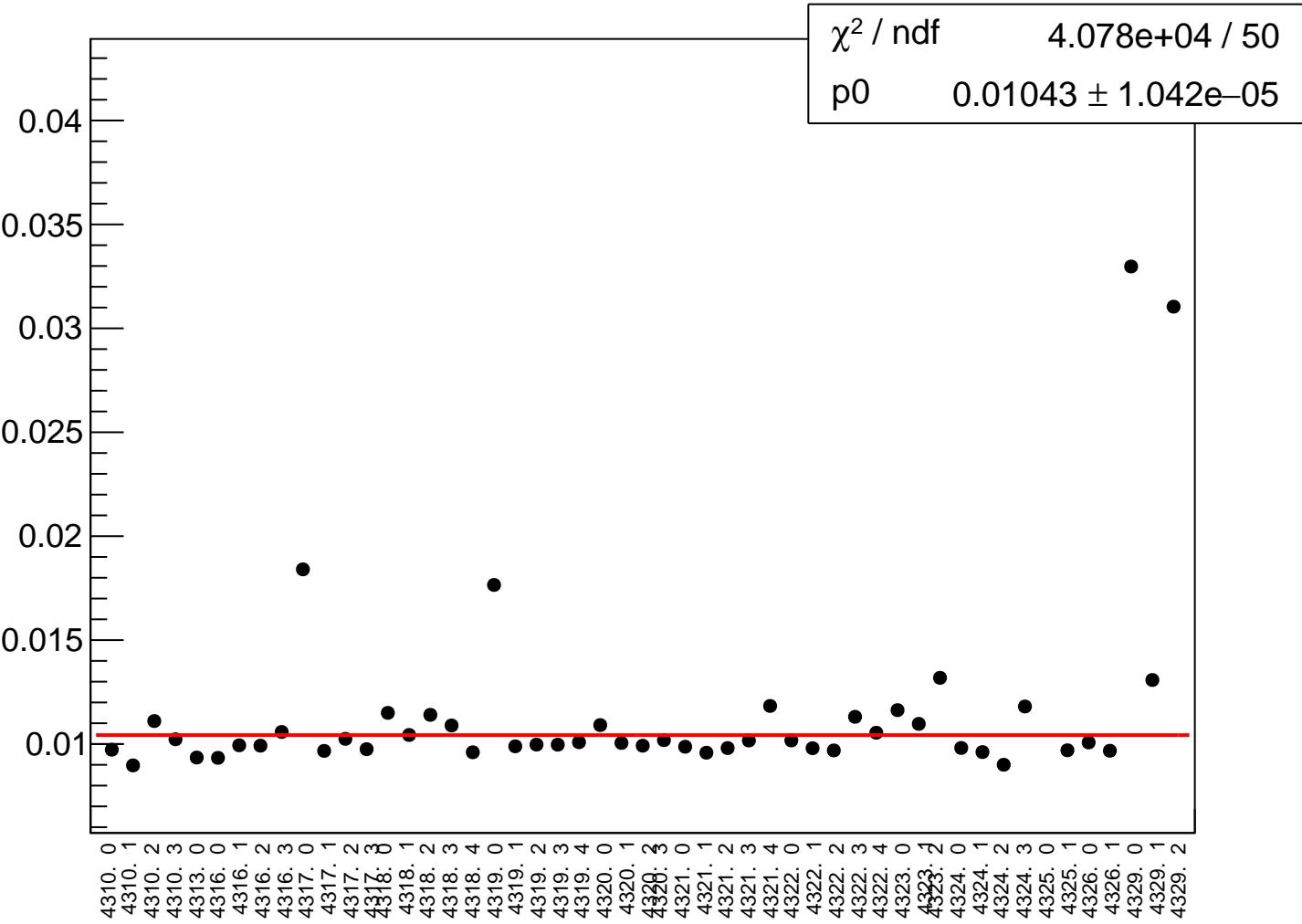
# yield\_bpm0l08Y\_rms vs run



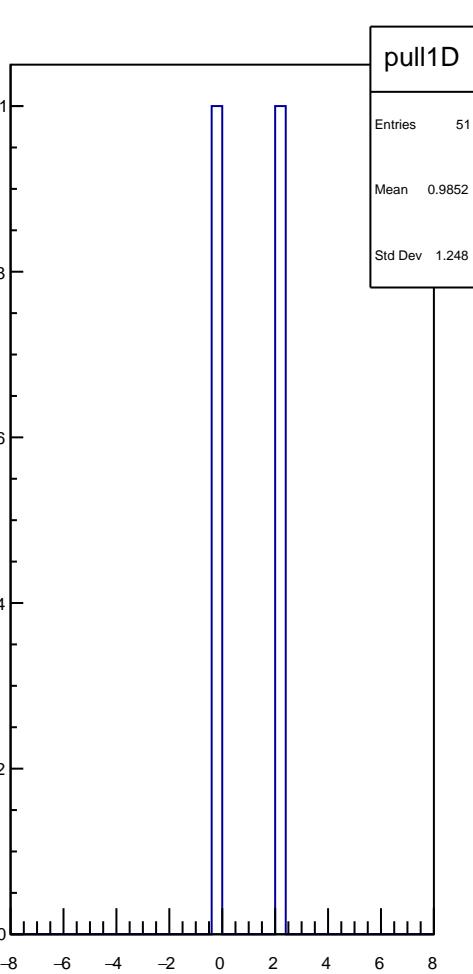
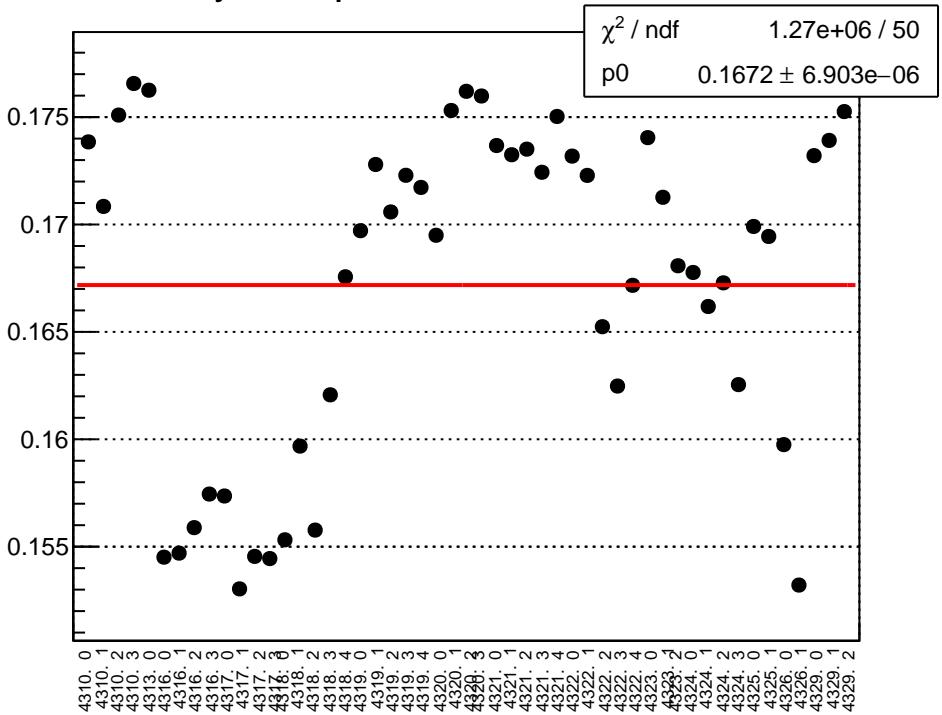
# yield\_bpm0l09X\_mean vs run



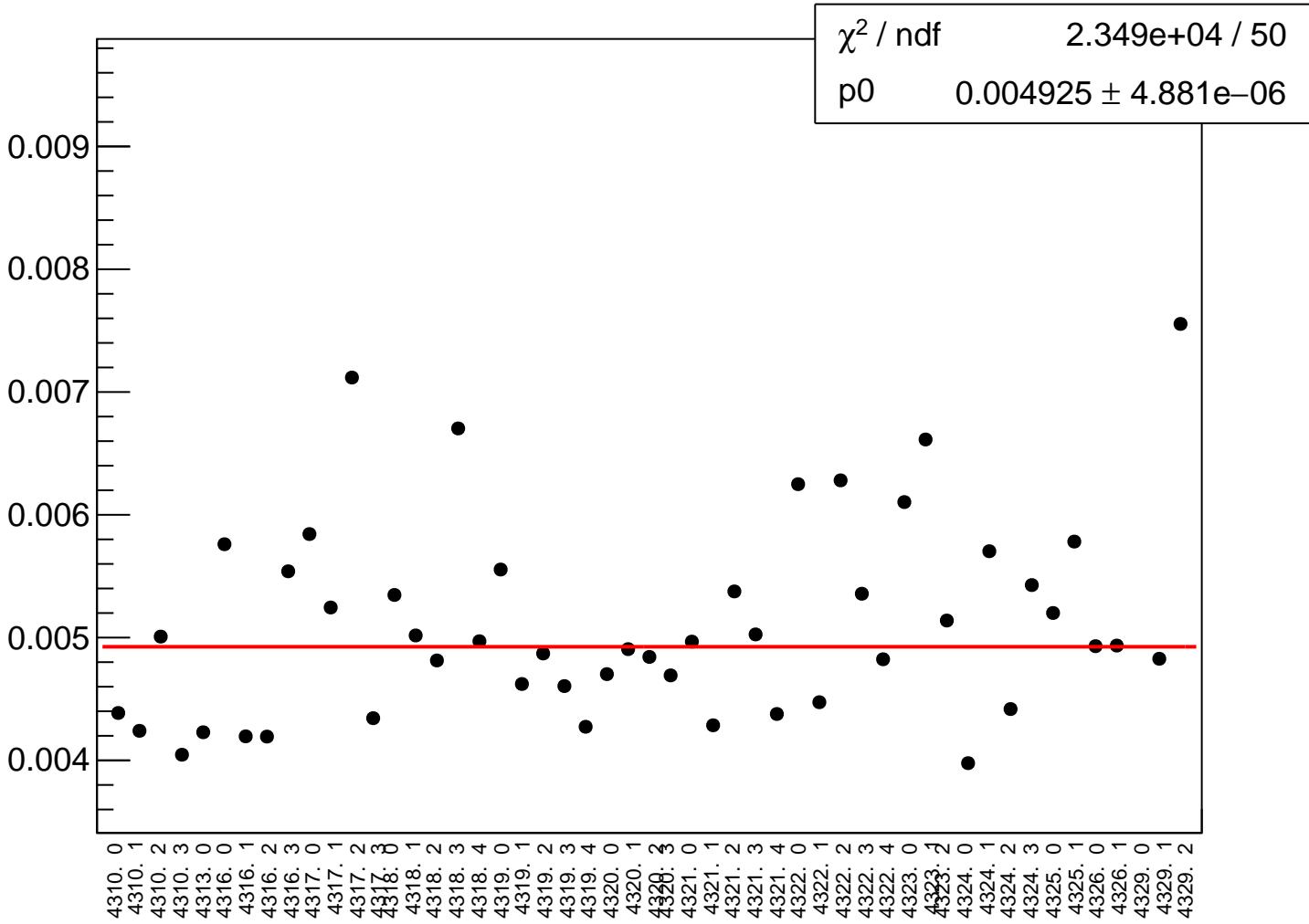
# yield\_bpm0l09X\_rms vs run



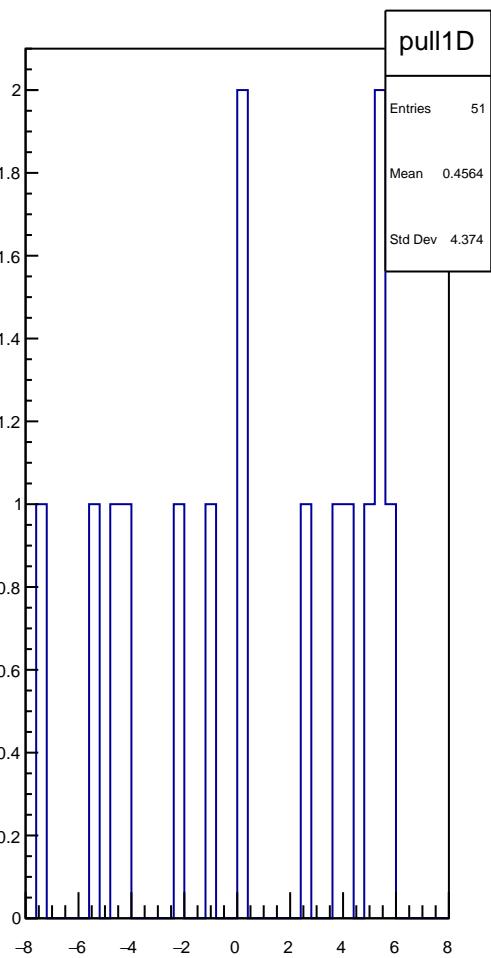
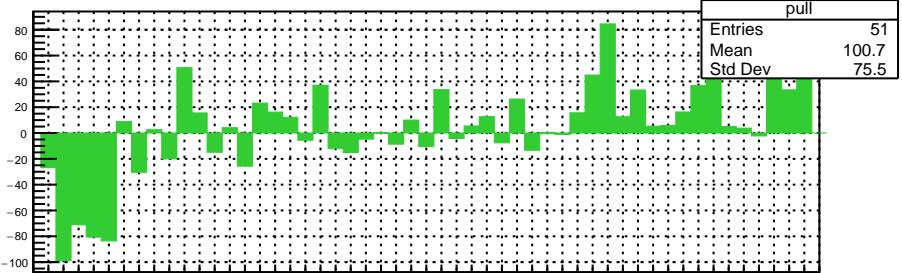
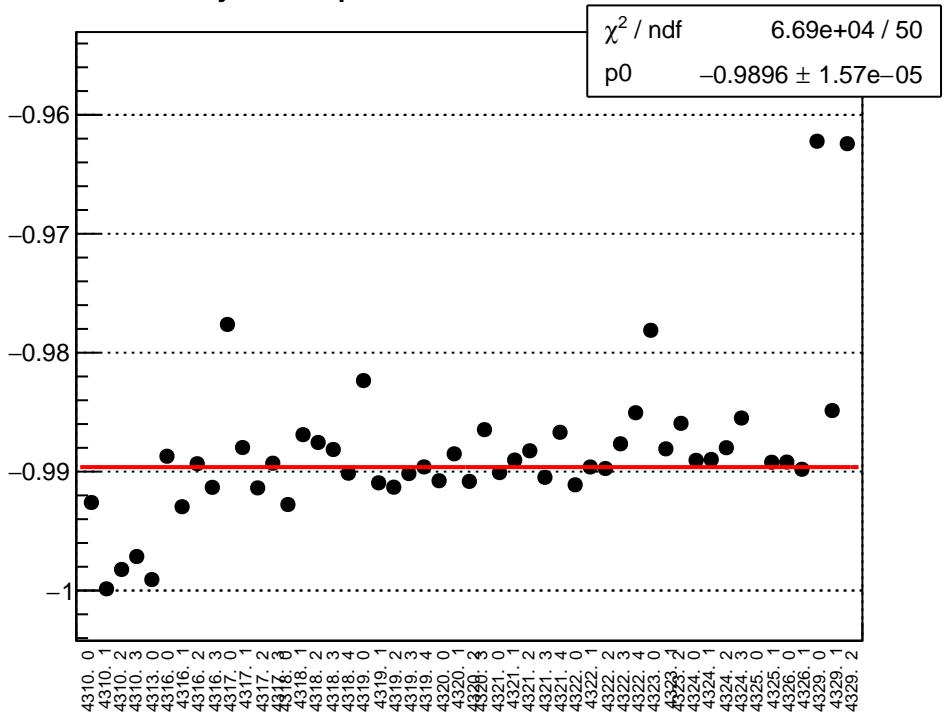
# yield\_bpm0I09Y\_mean vs run



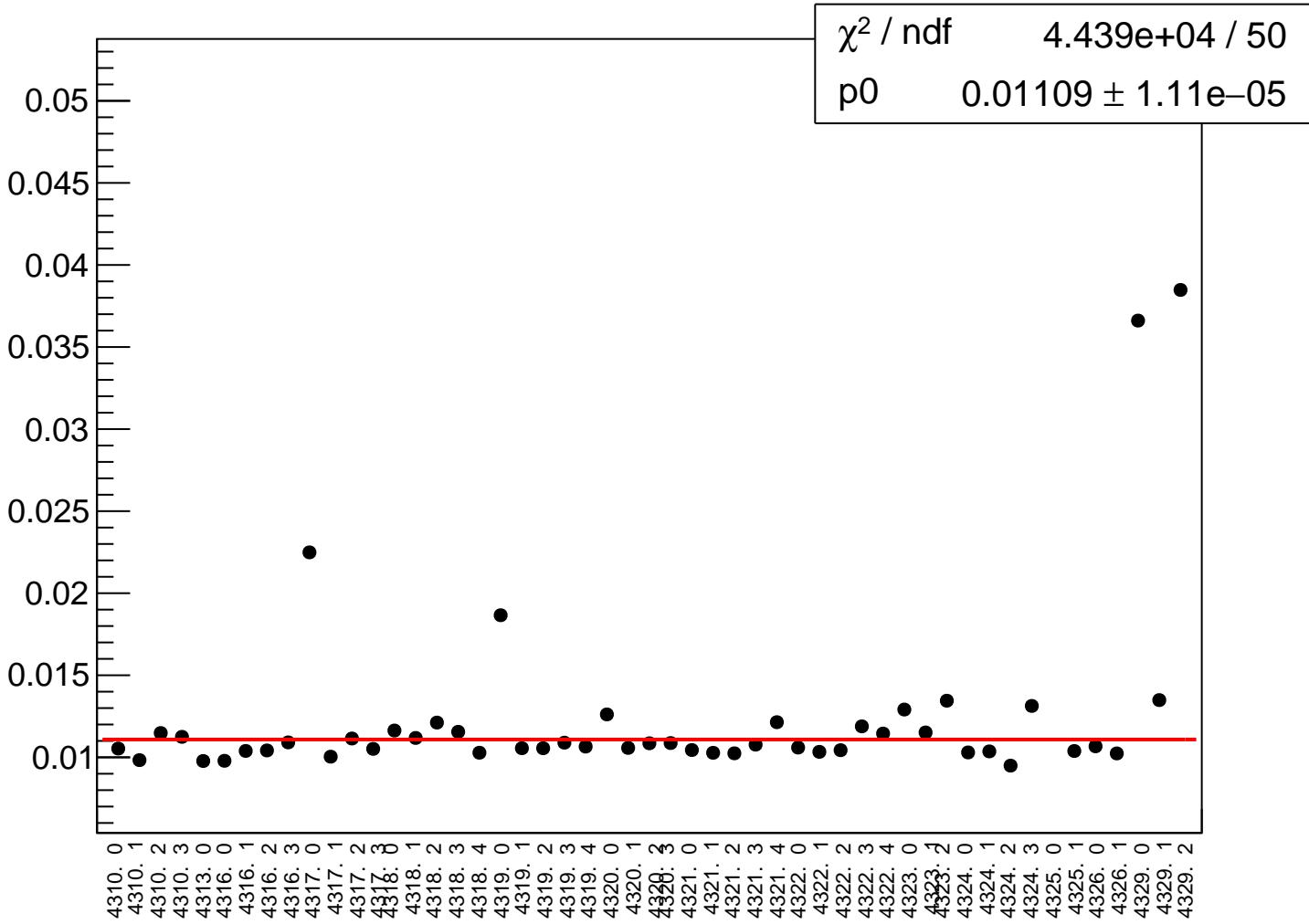
# yield\_bpm0l09Y\_rms vs run



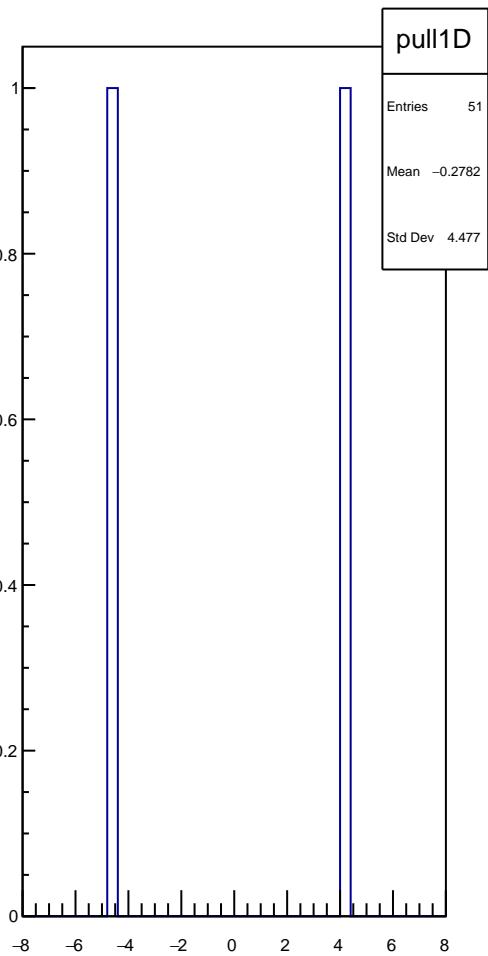
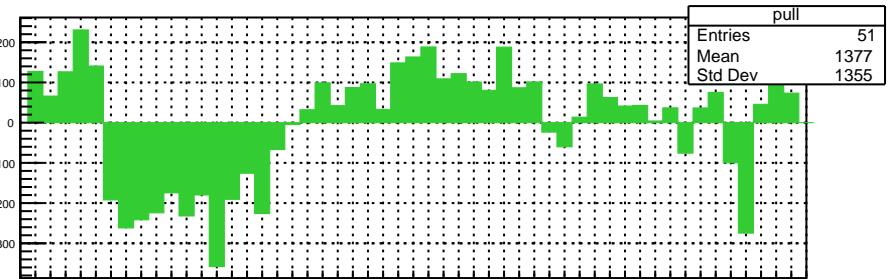
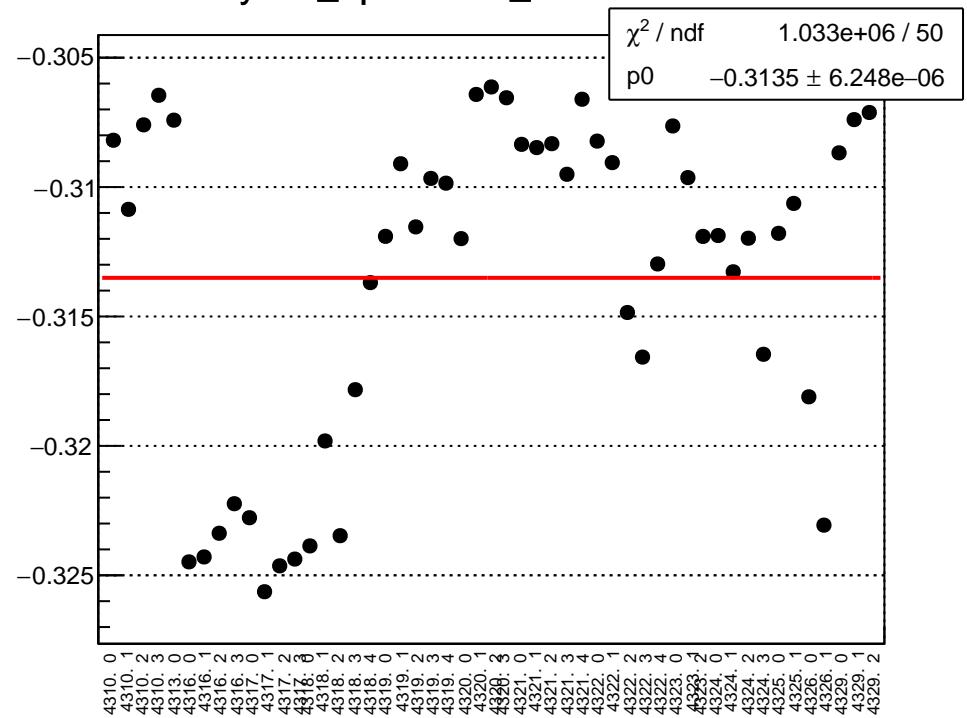
# yield\_bpm0l10X\_mean vs run



# yield\_bpm0l10X\_rms vs run



# yield\_bpm0I10Y\_mean vs run



# yield\_bpm0l10Y\_rms vs run

