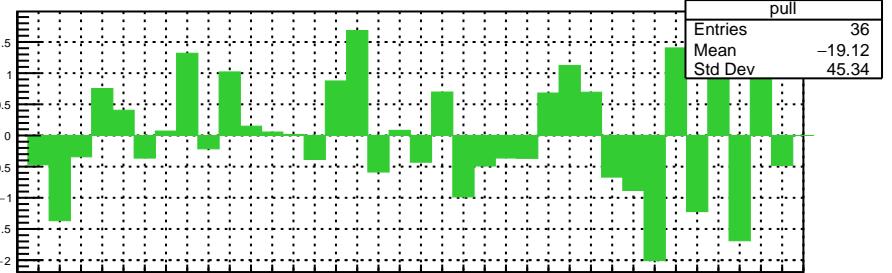
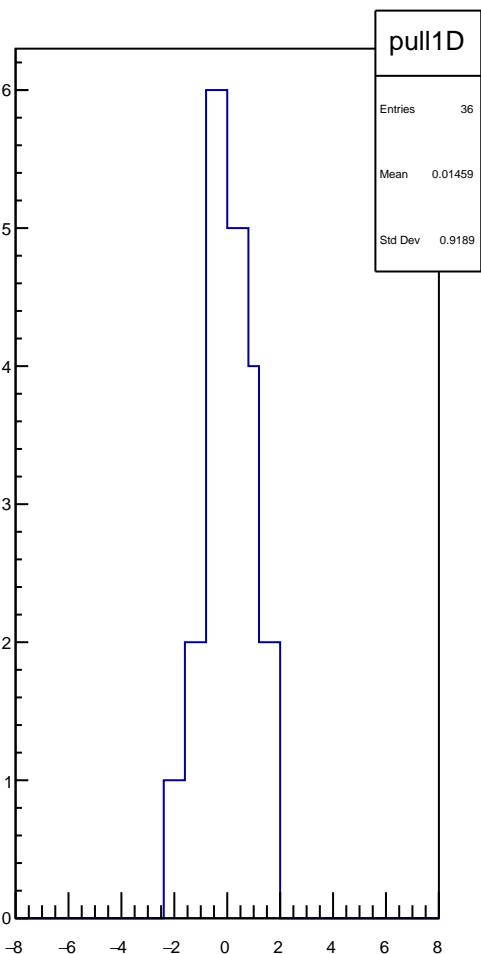
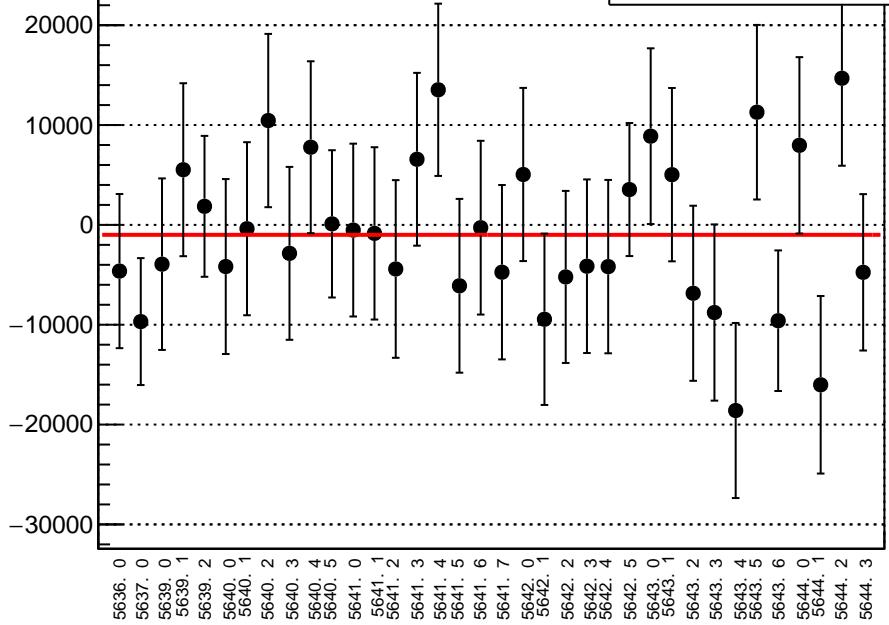
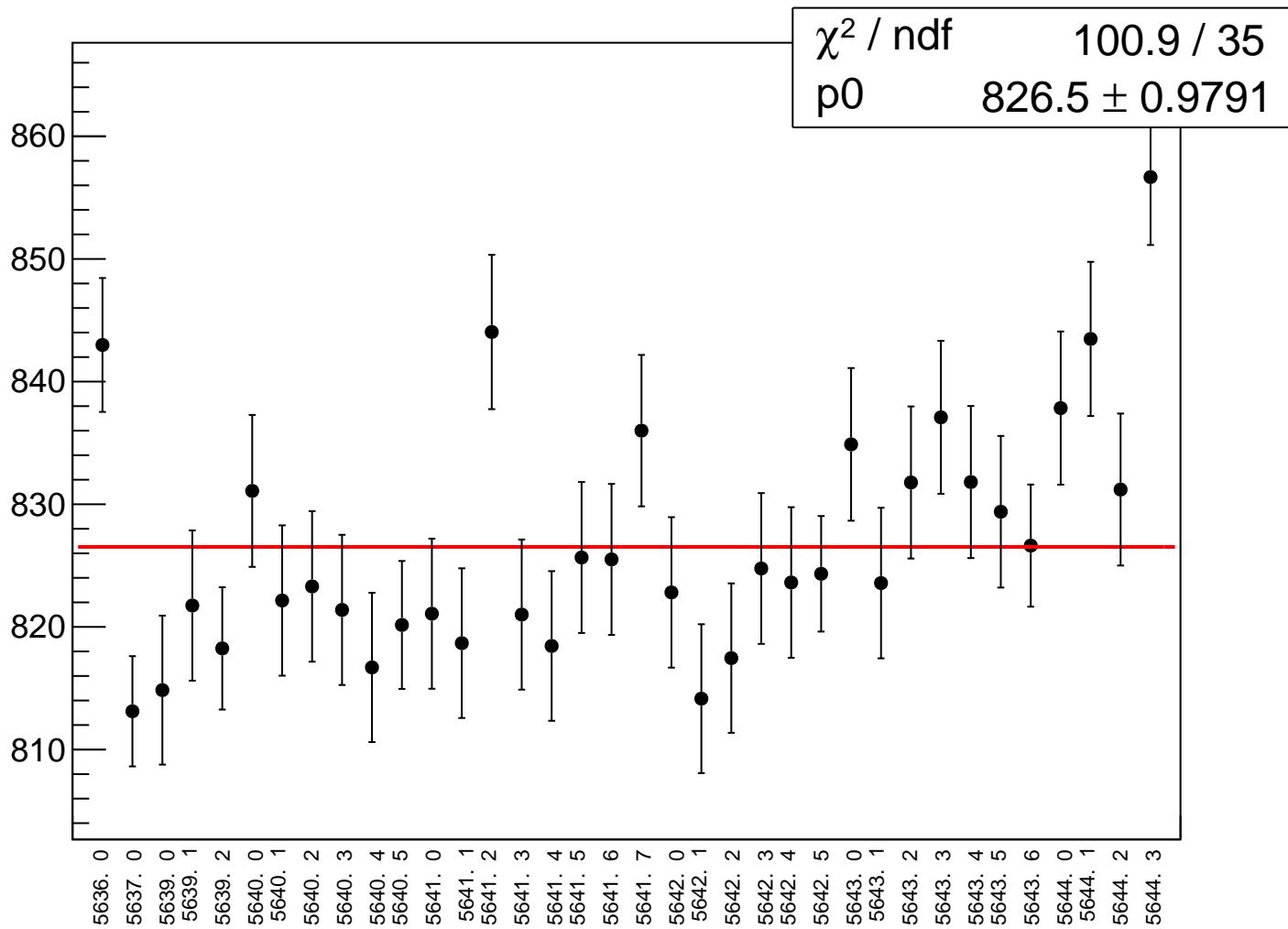


# reg\_asym\_us\_avg\_mean vs run

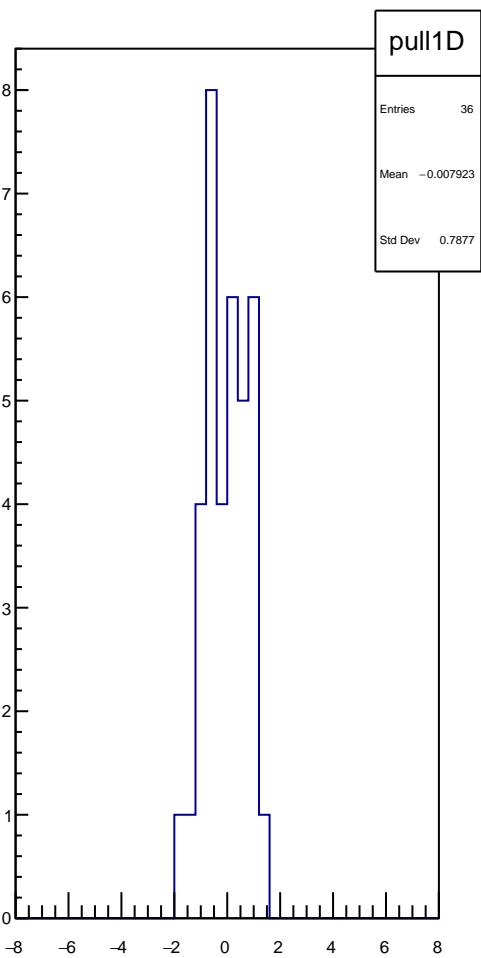
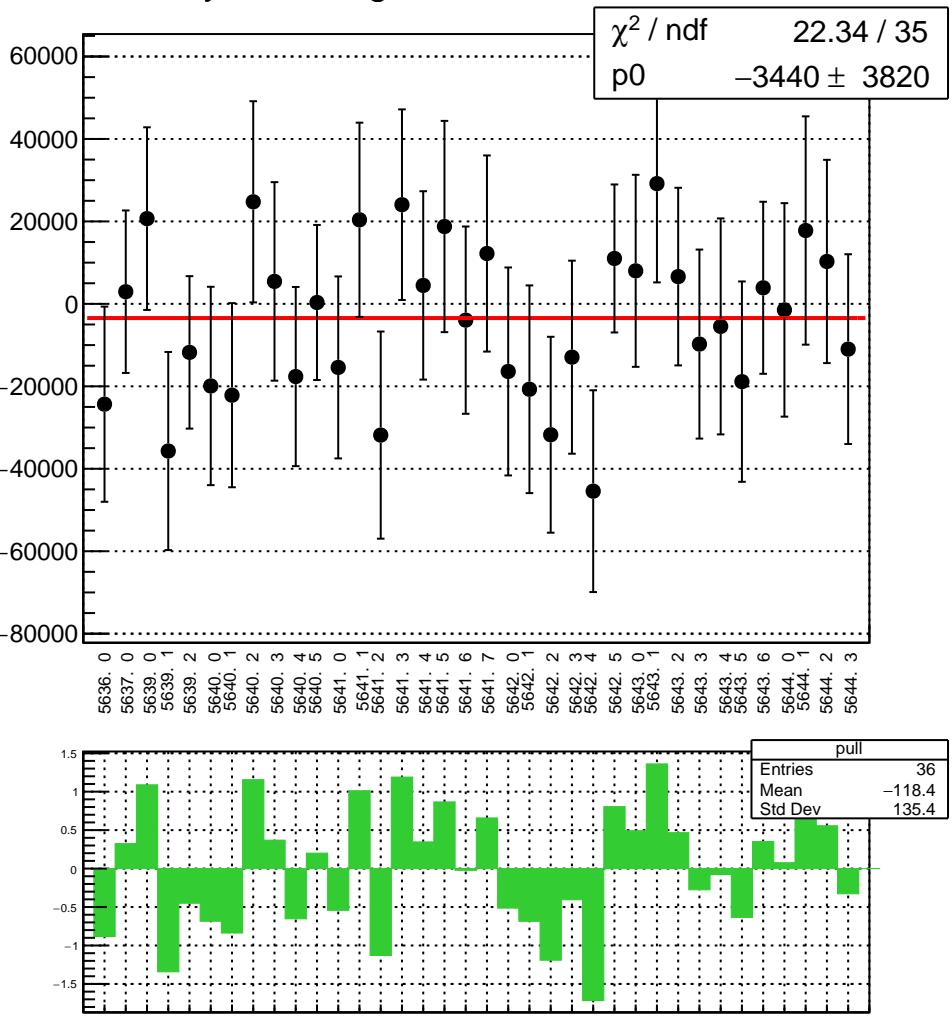
$\chi^2 / \text{ndf}$  30.41 / 35  
 $p0$   $-995.8 \pm 1385$



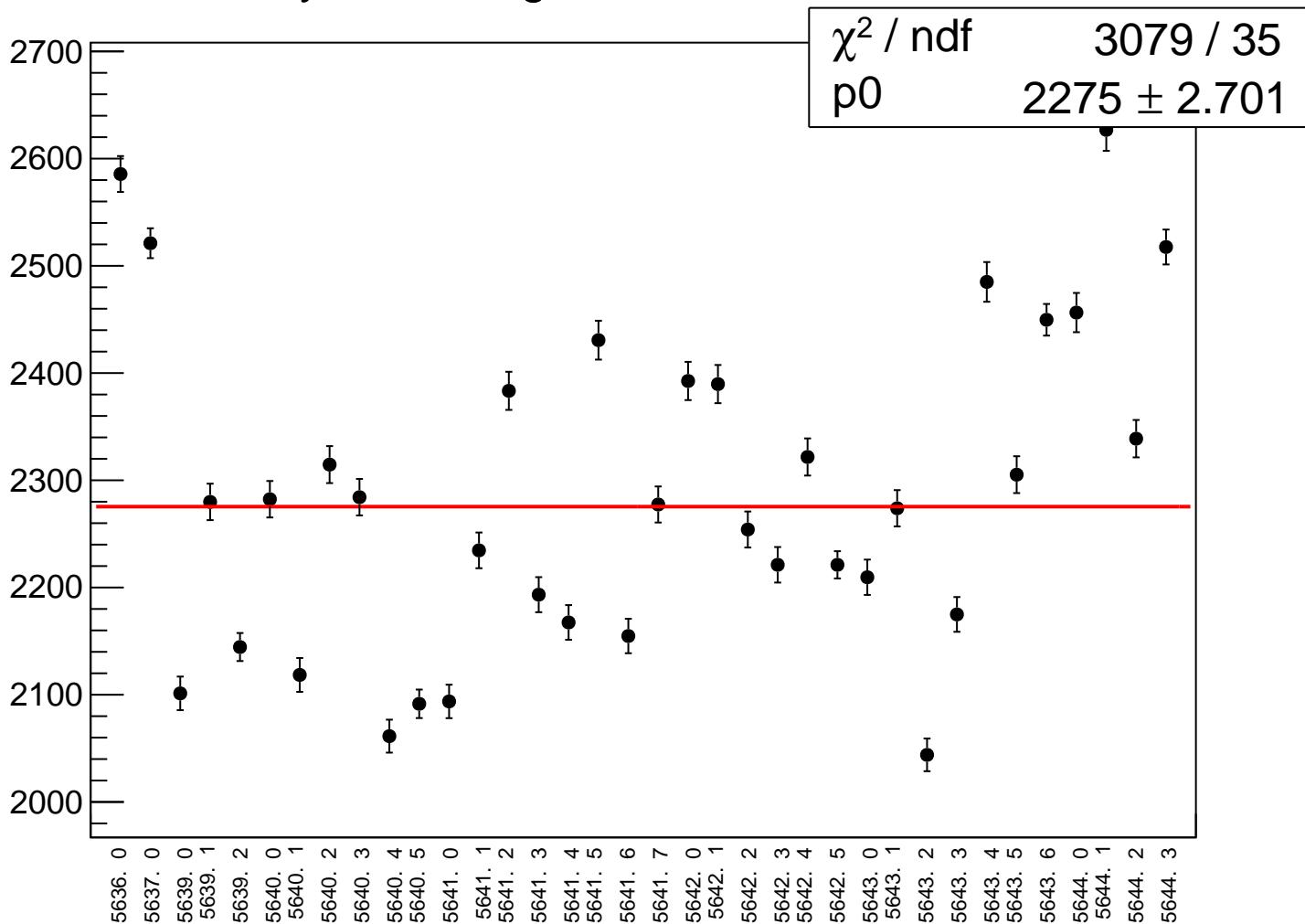
# reg\_asym\_us\_avg\_rms vs run



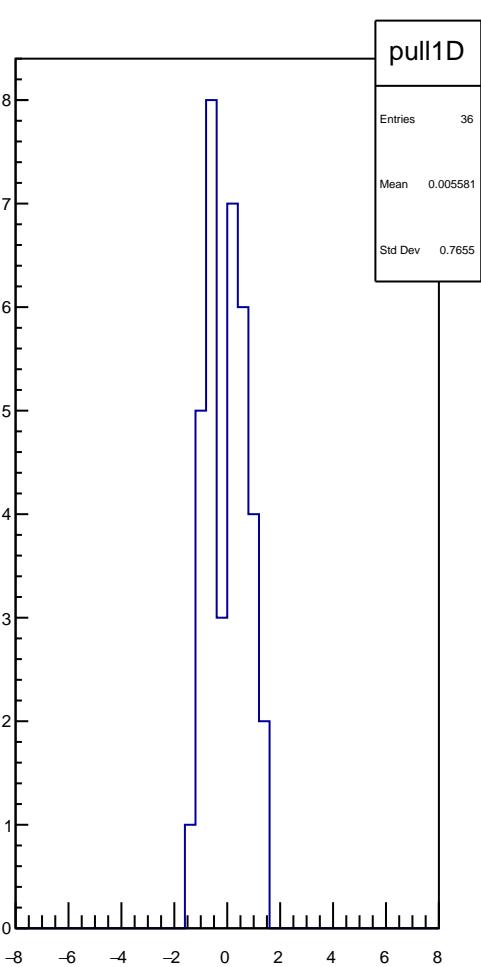
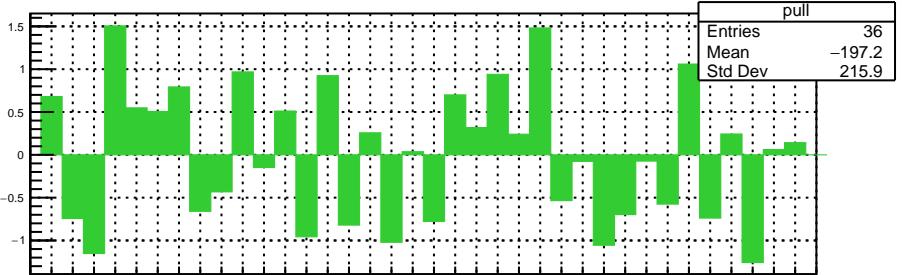
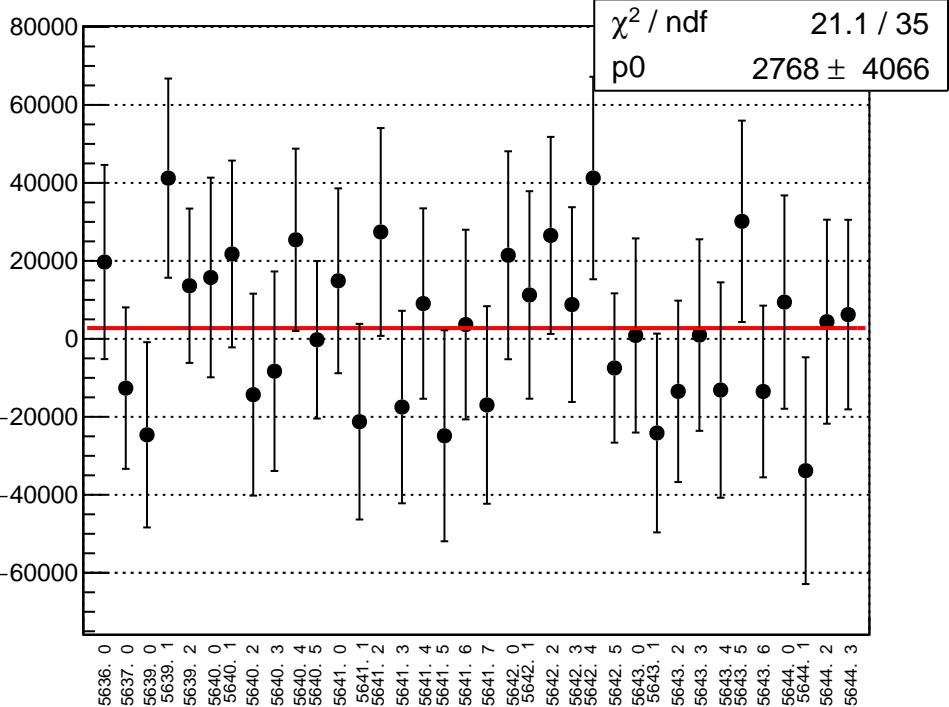
# asym\_us\_avg\_correction\_mean vs run



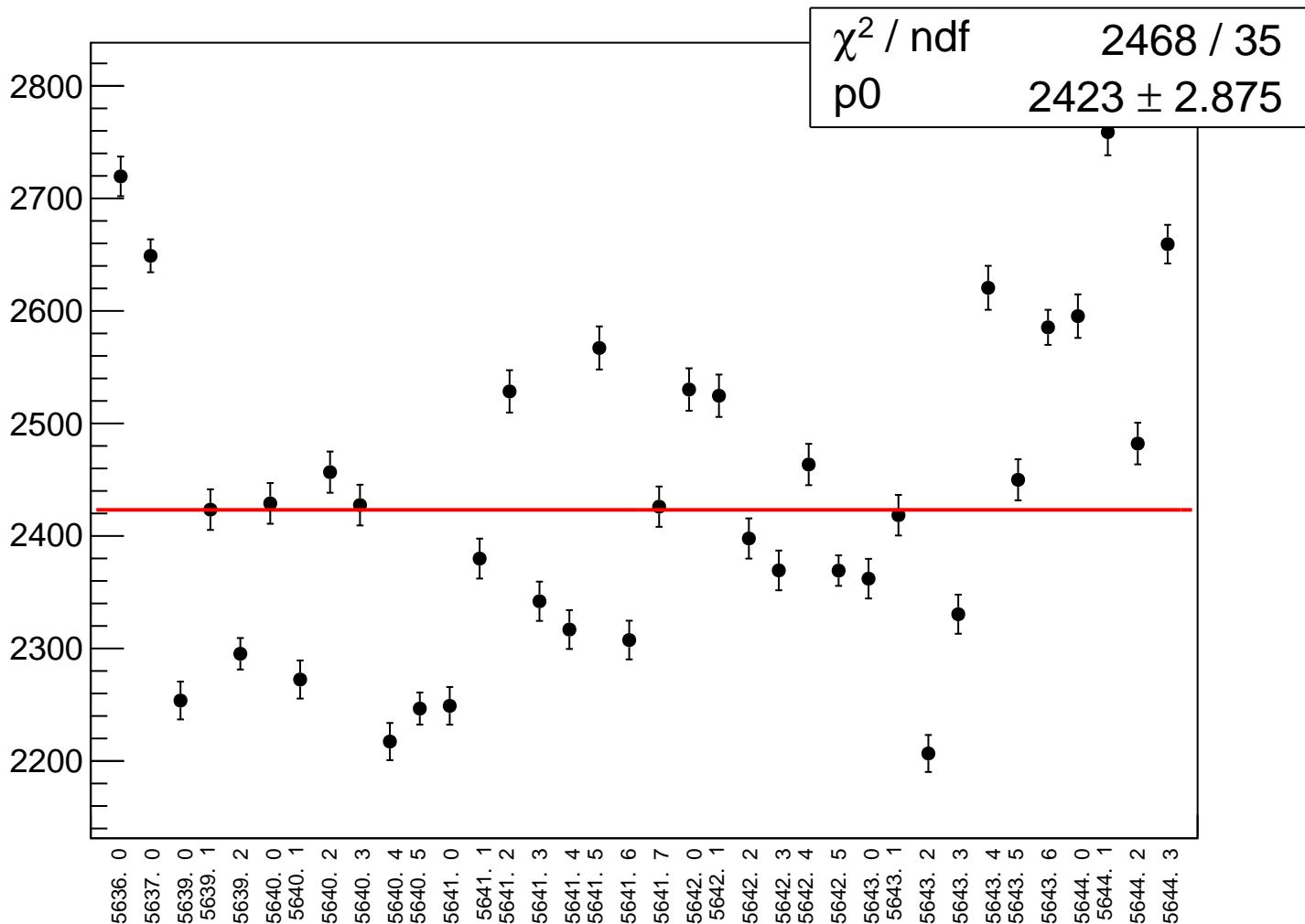
# asym\_us\_avg\_correction\_rms vs run



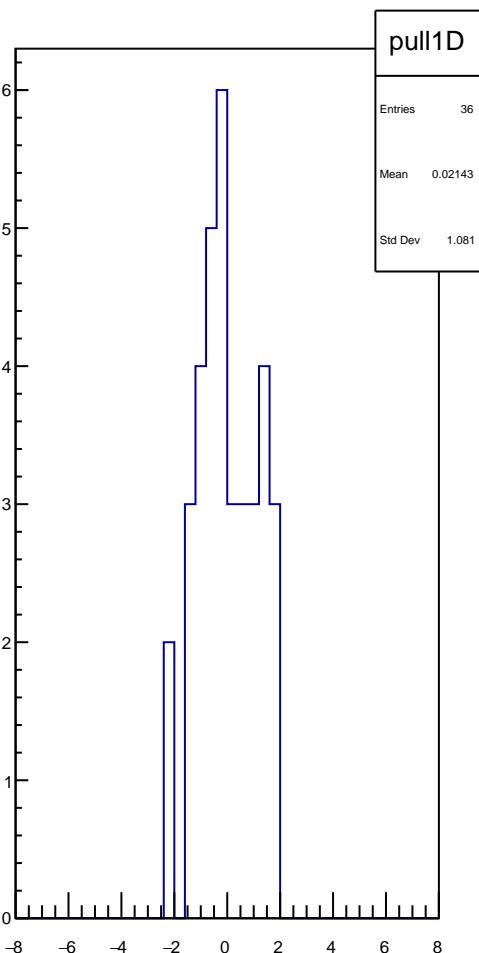
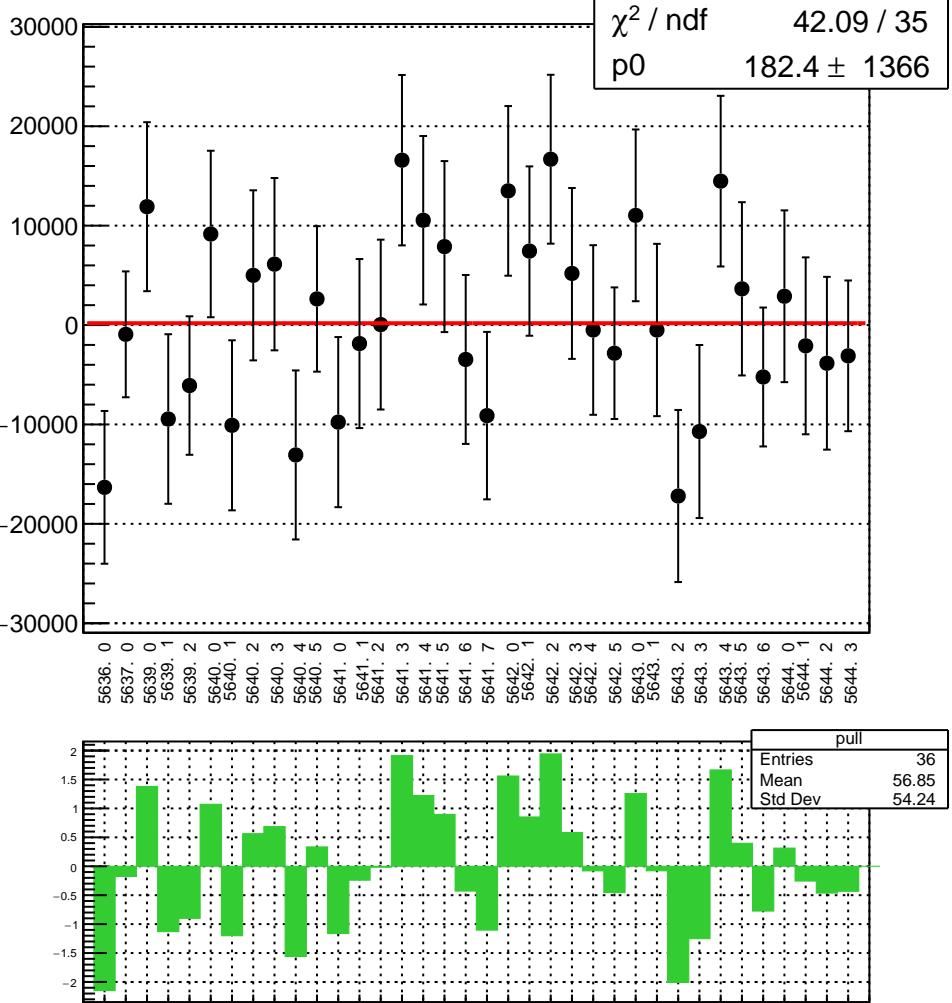
# asym\_us\_avg\_mean vs run



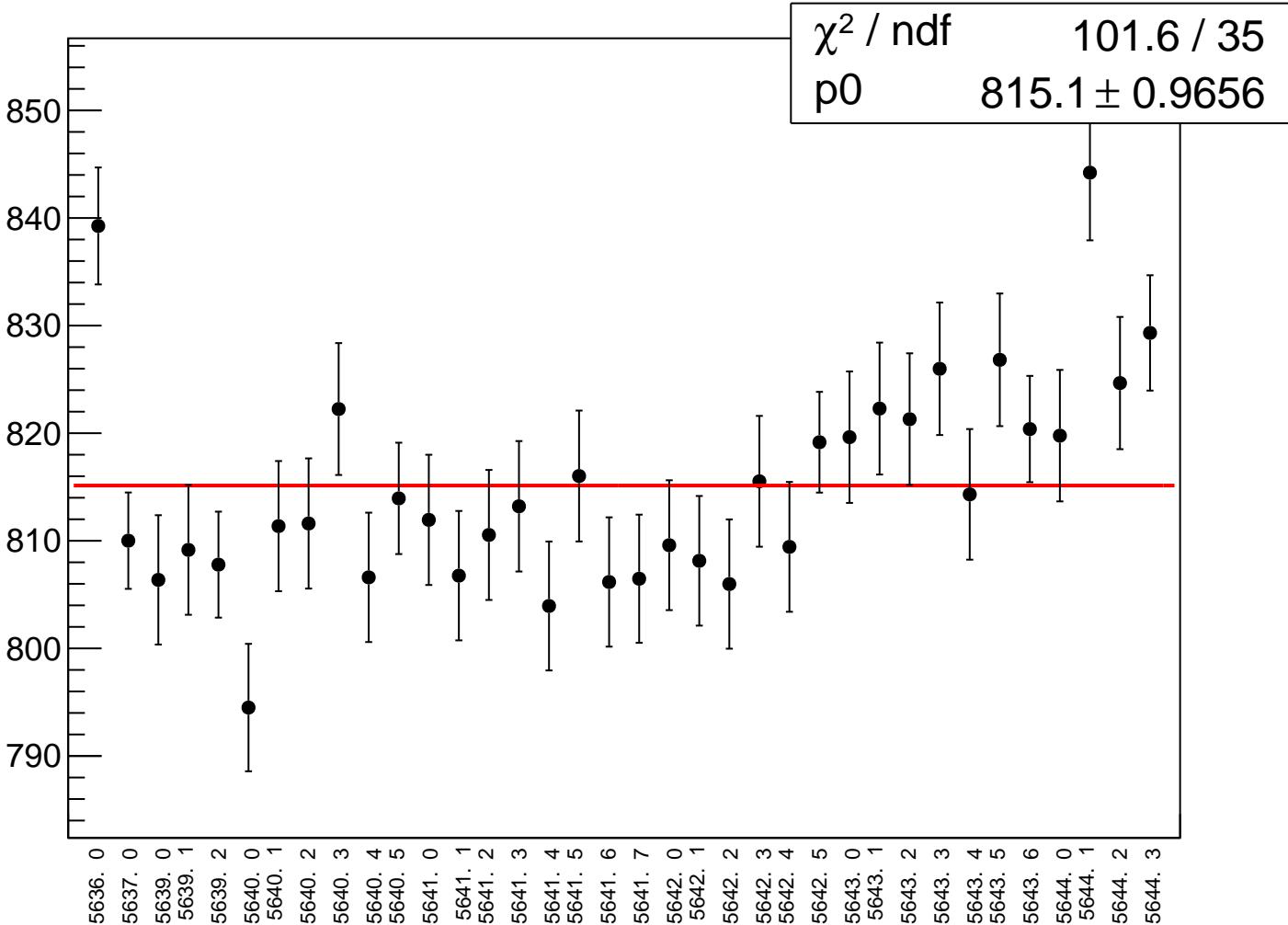
# asym\_us\_avg\_rms vs run



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

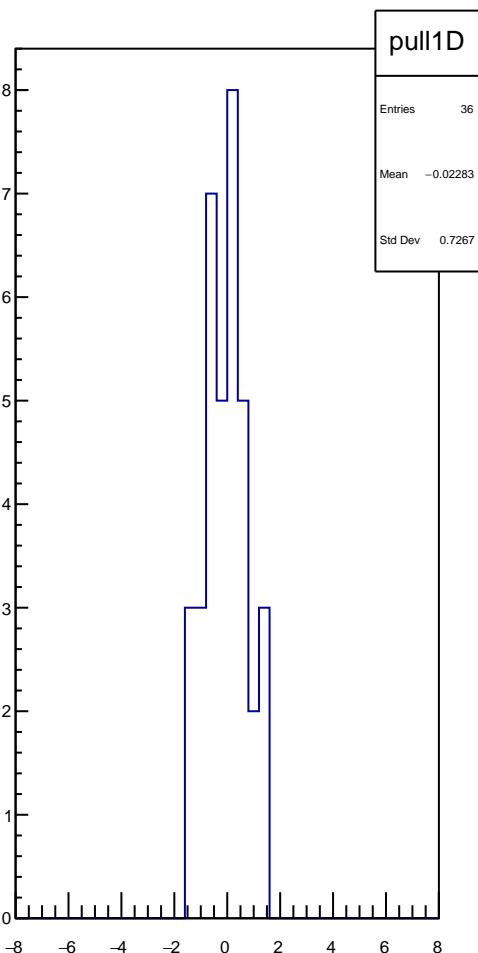
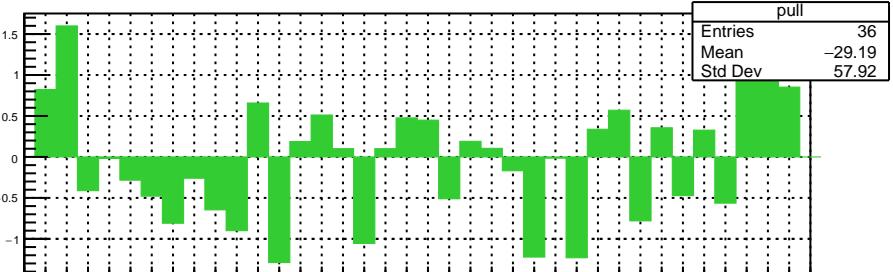
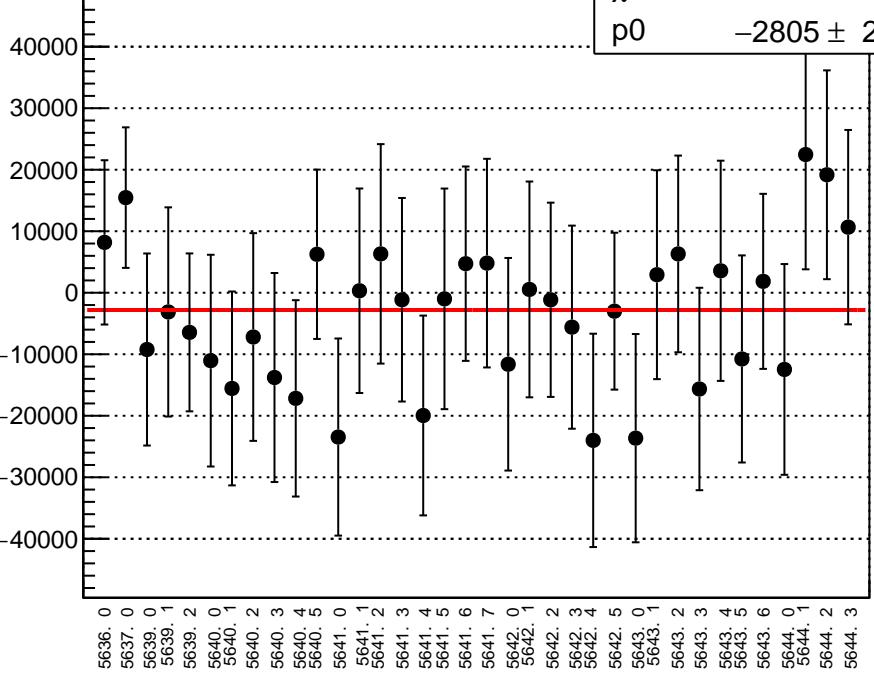


# reg\_asym\_us\_dd\_rms vs run

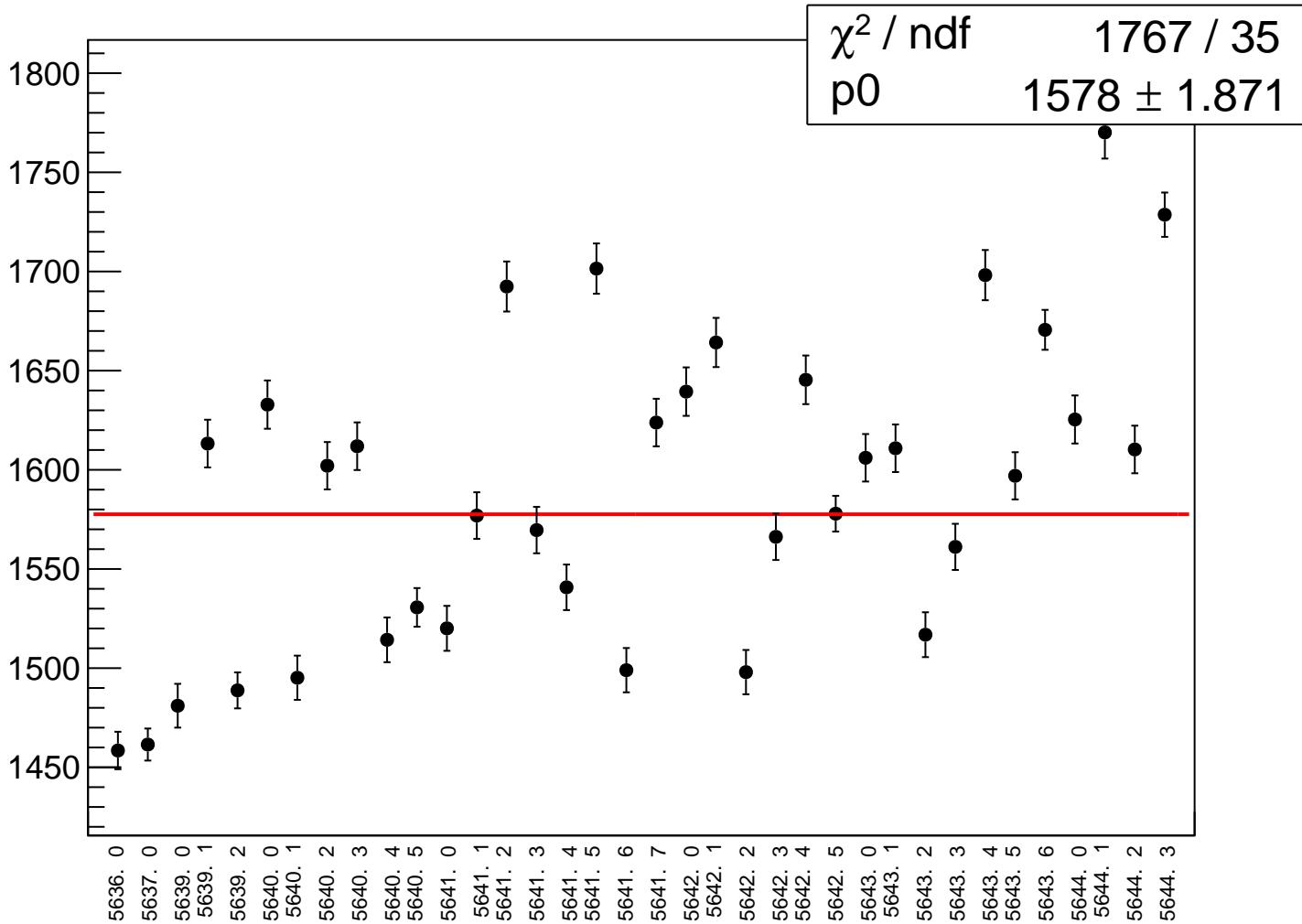


# asym\_us\_dd\_correction\_mean vs run

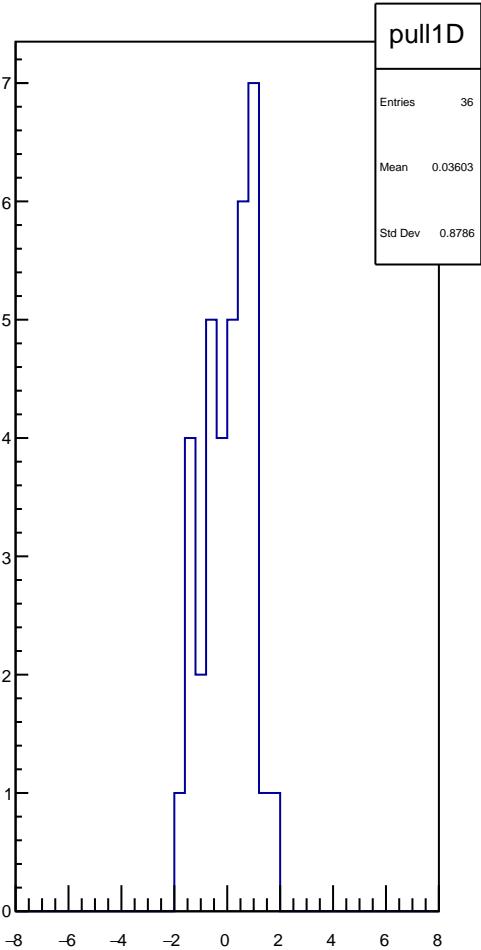
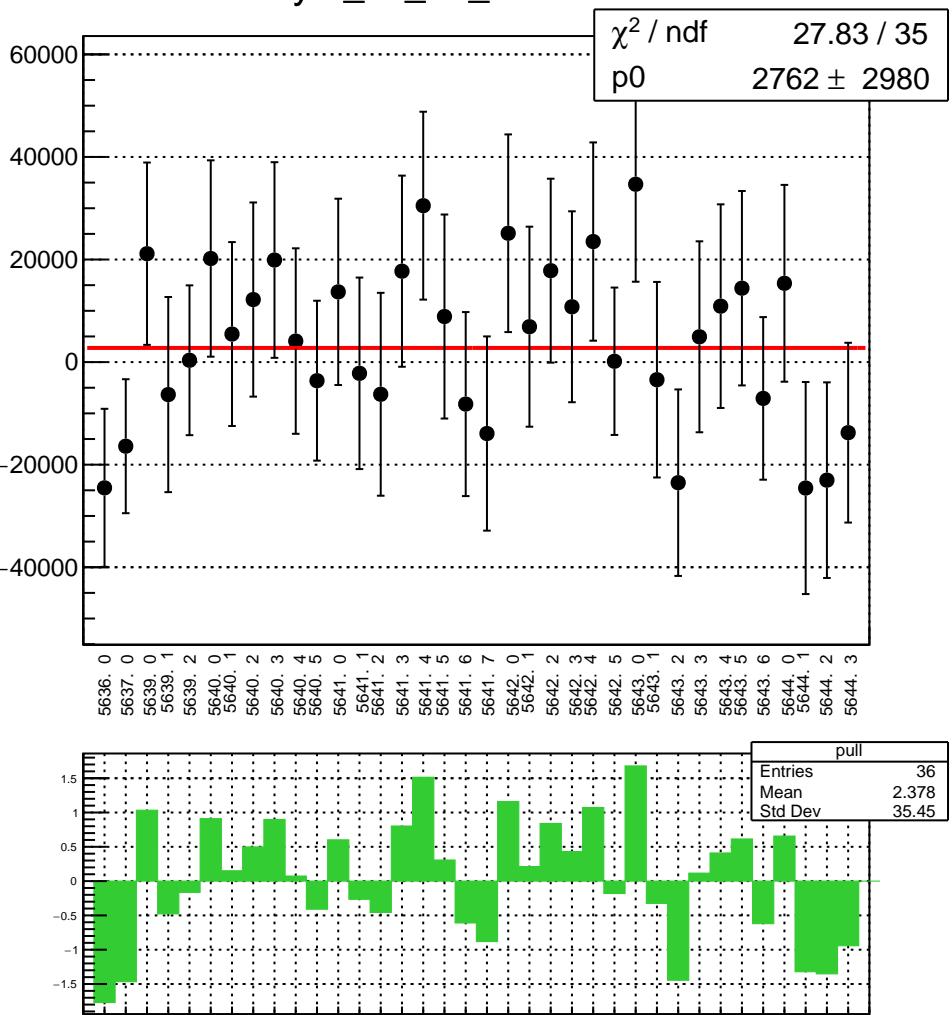
$\chi^2 / \text{ndf}$  19.03 / 35  
 $p0$   $-2805 \pm 2646$



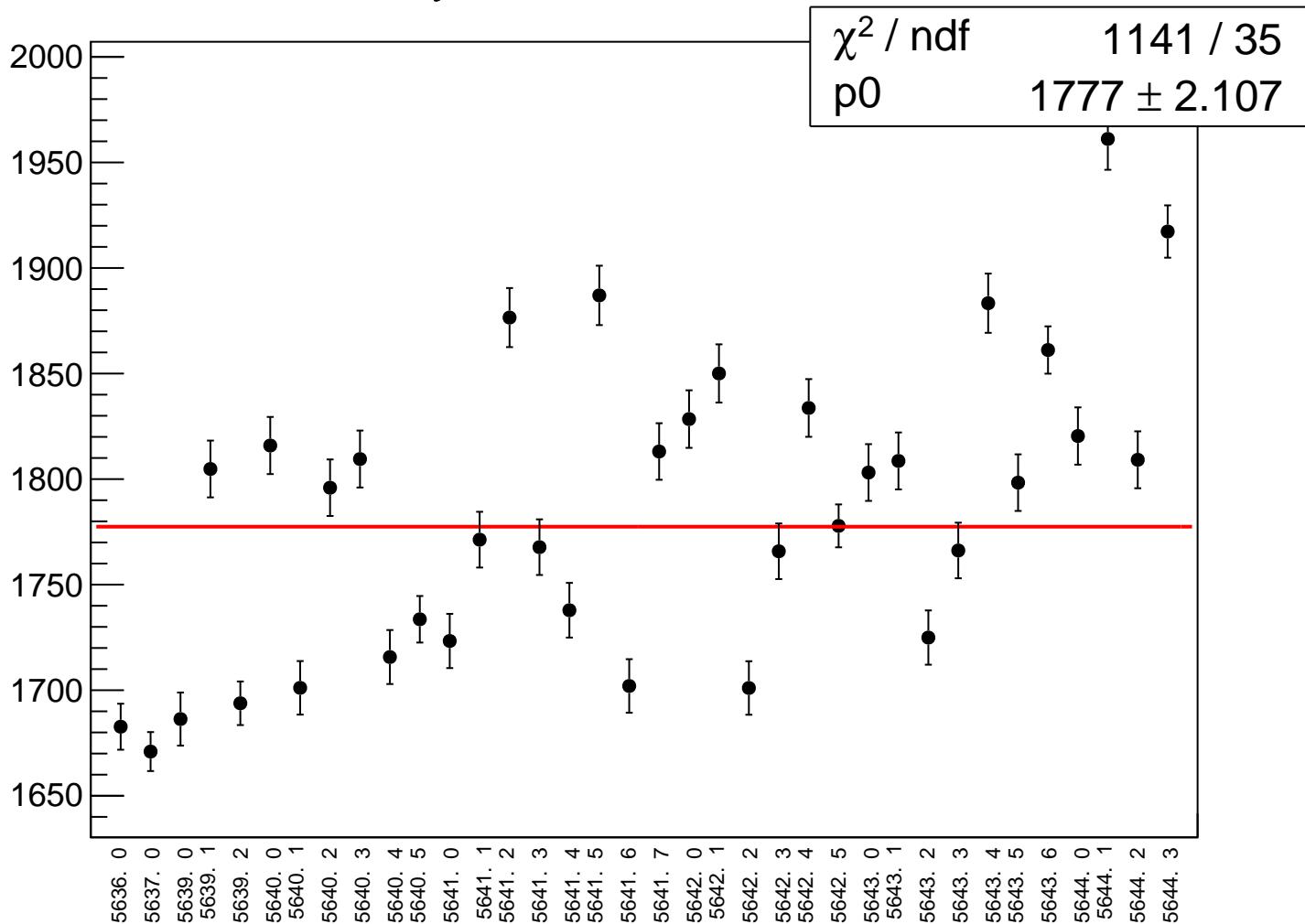
# asym\_us\_dd\_correction\_rms vs run



# asym\_us\_dd\_mean vs run

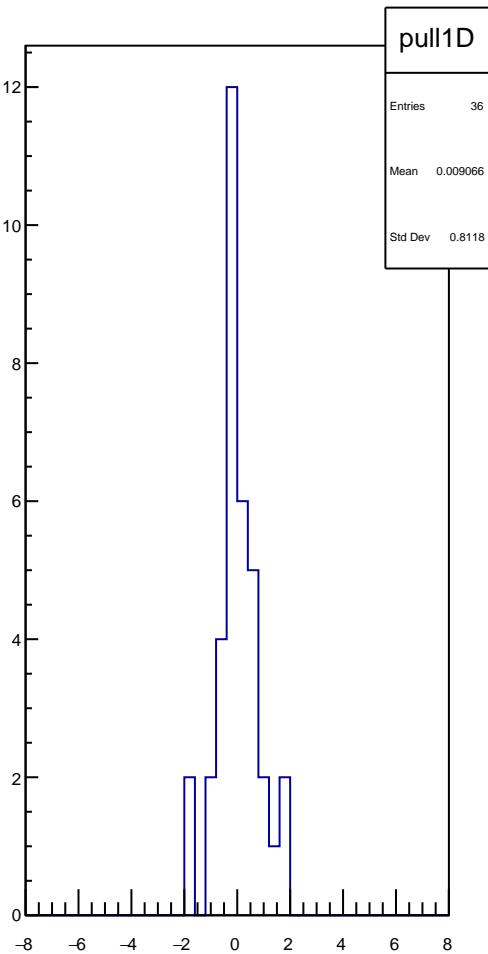
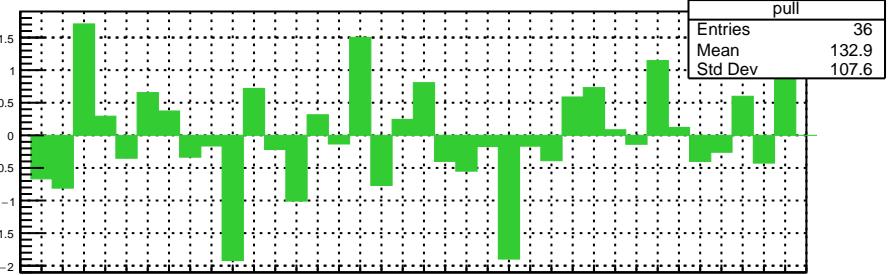
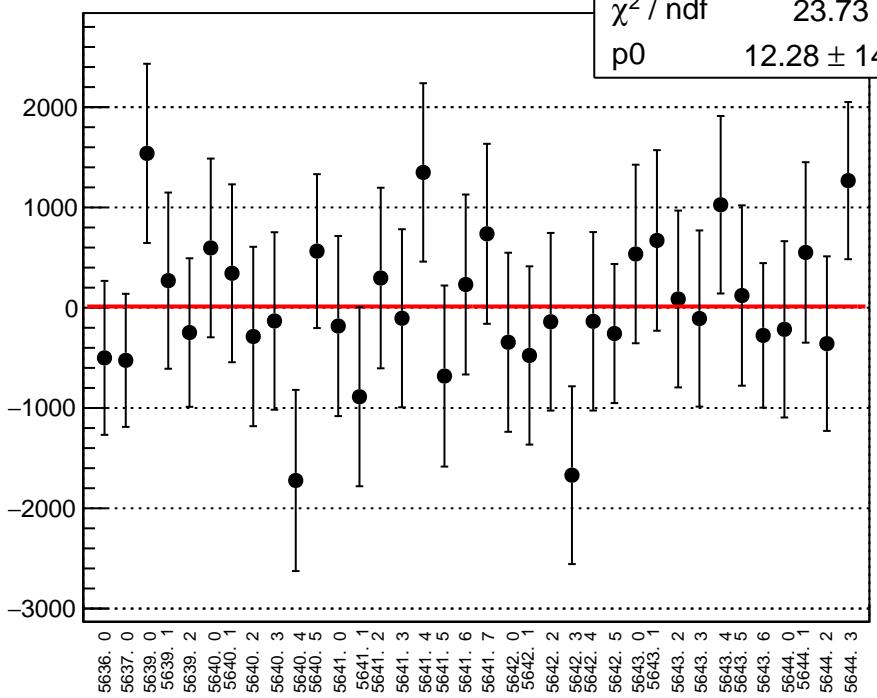


# asym\_us\_dd\_rms vs run

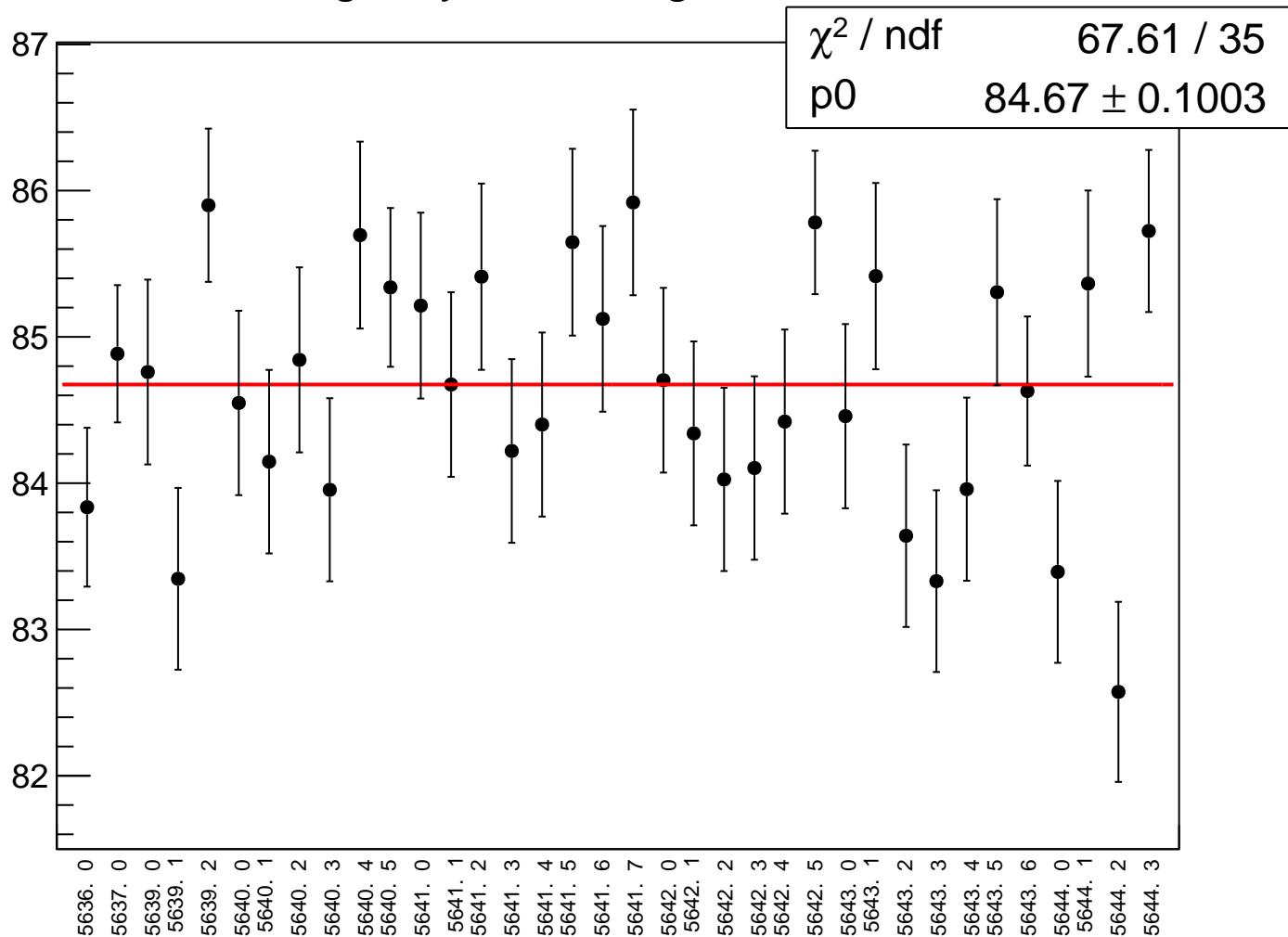


# reg\_asym\_ds\_avg\_mean vs run

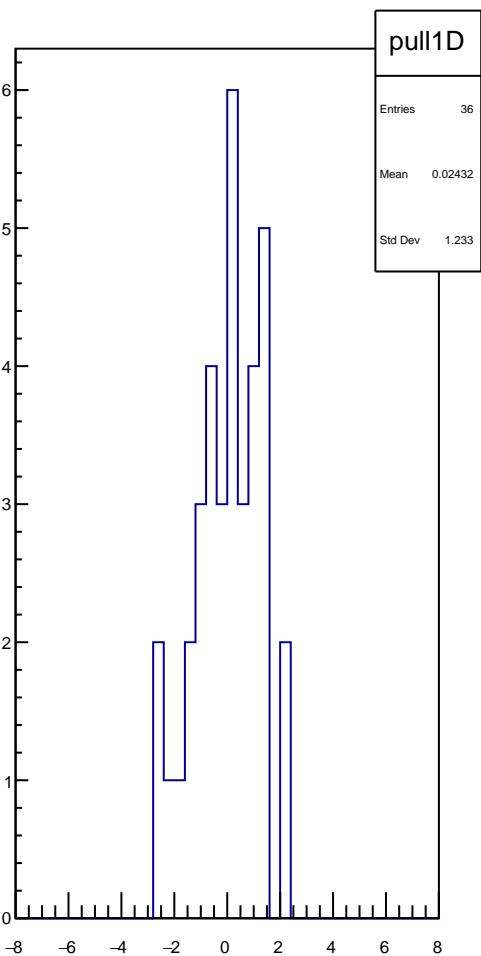
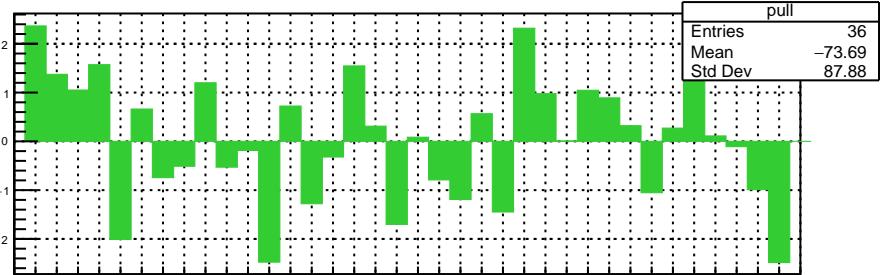
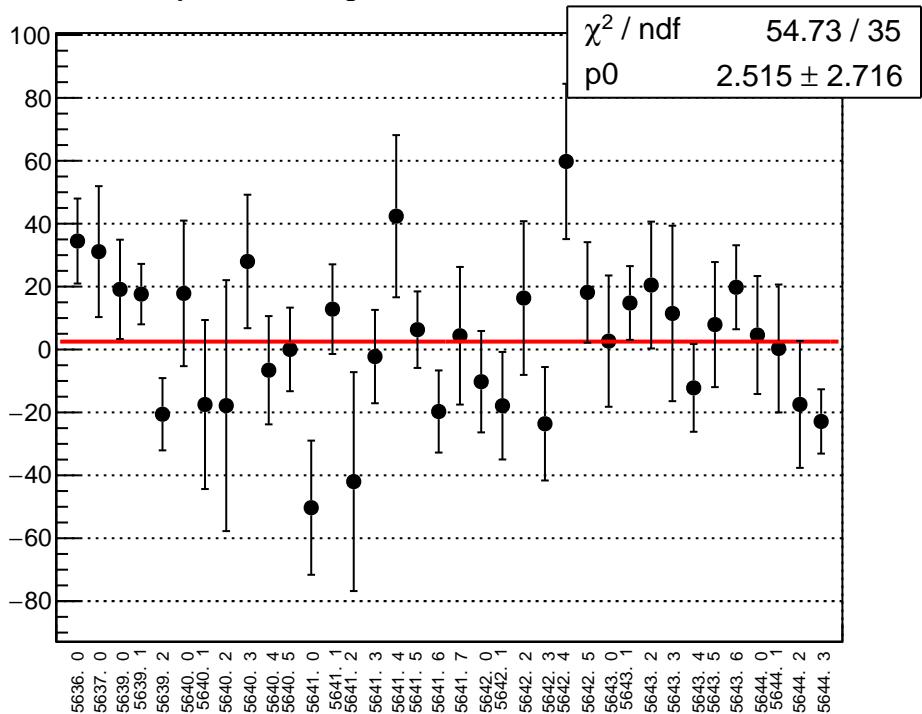
$\chi^2 / \text{ndf}$  23.73 / 35  
p0  $12.28 \pm 141.9$



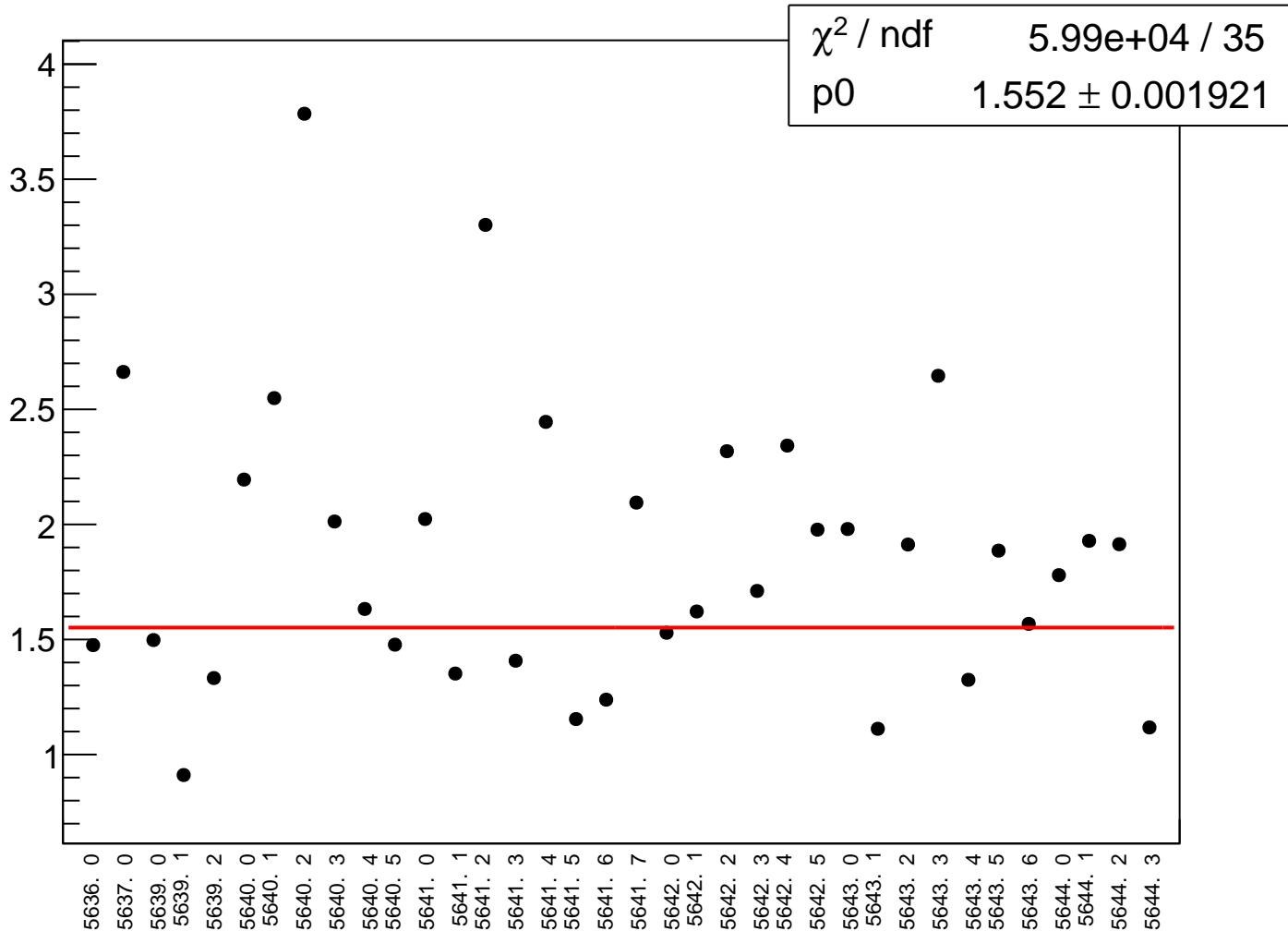
# reg\_asym\_ds\_avg\_rms vs run



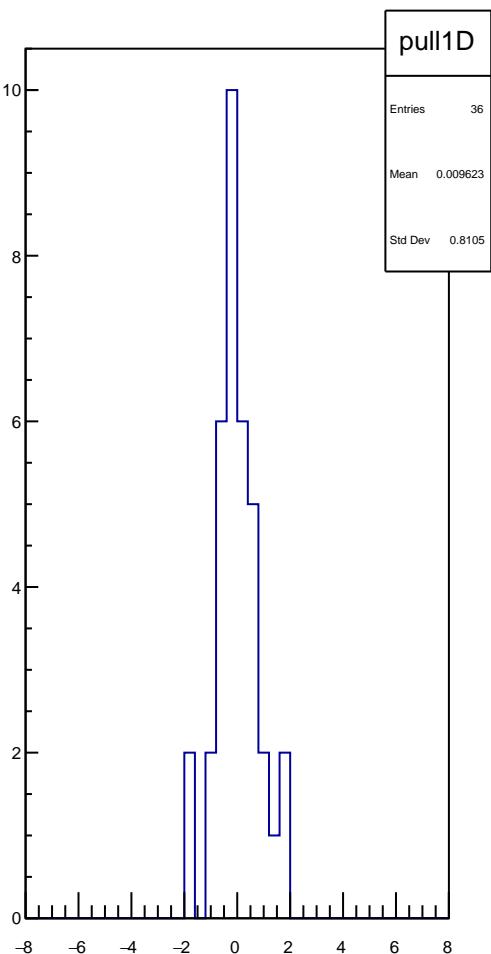
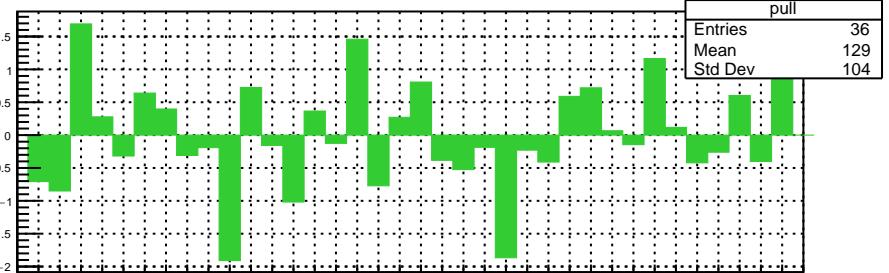
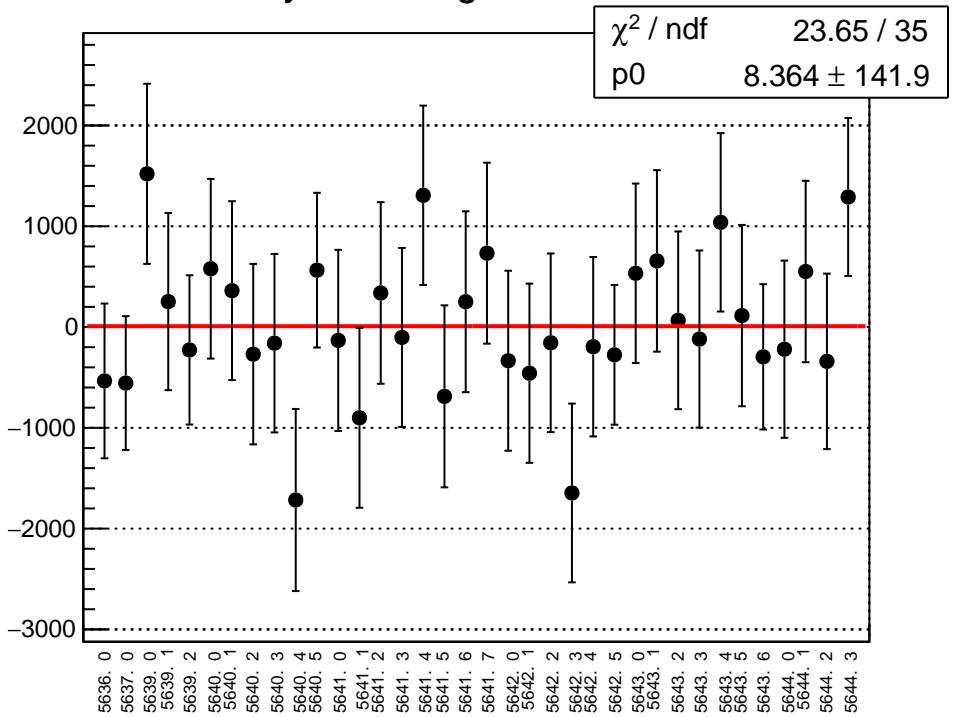
# asym\_ds\_avg\_correction\_mean vs run



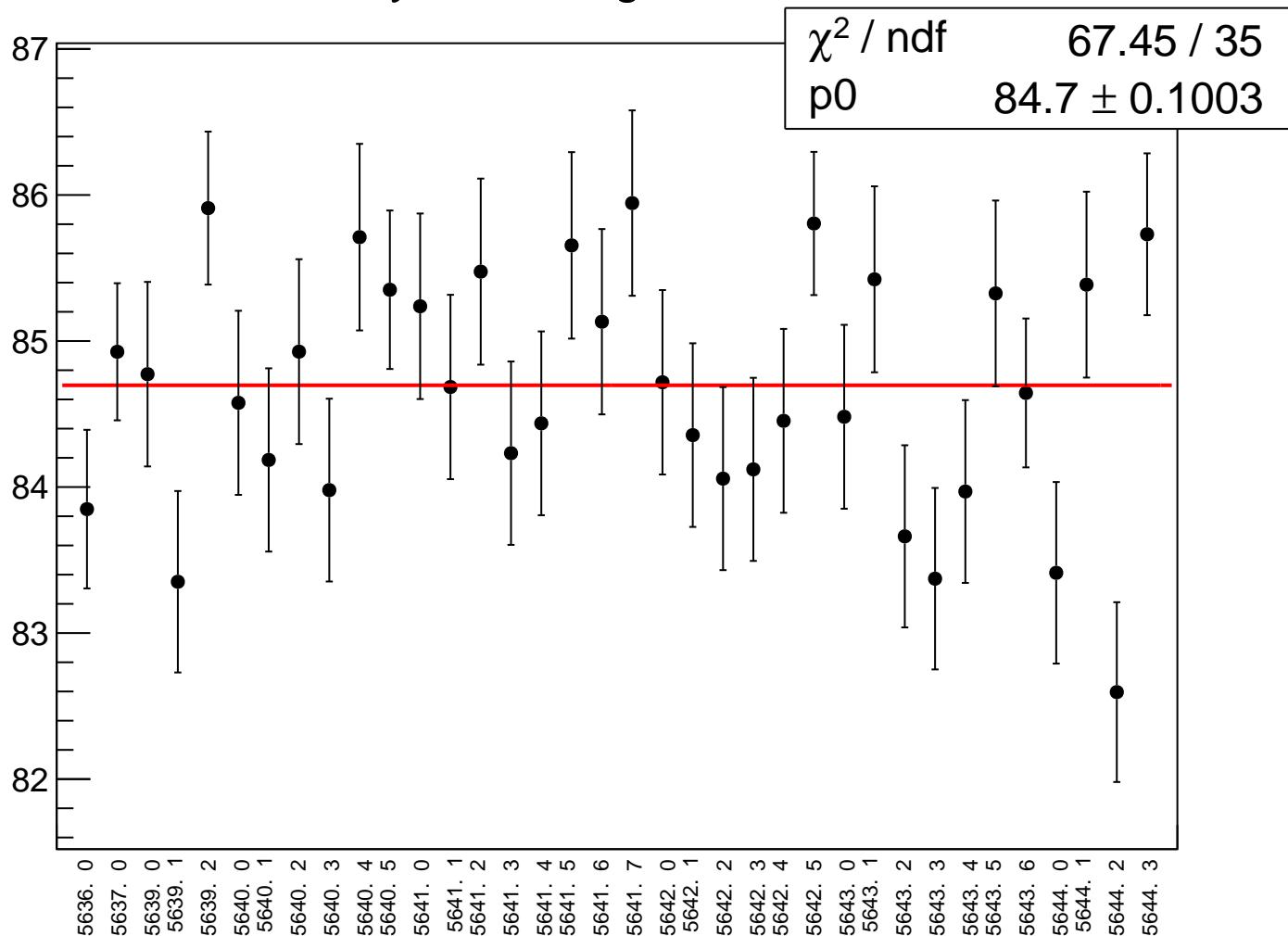
# asym\_ds\_avg\_correction\_rms vs run



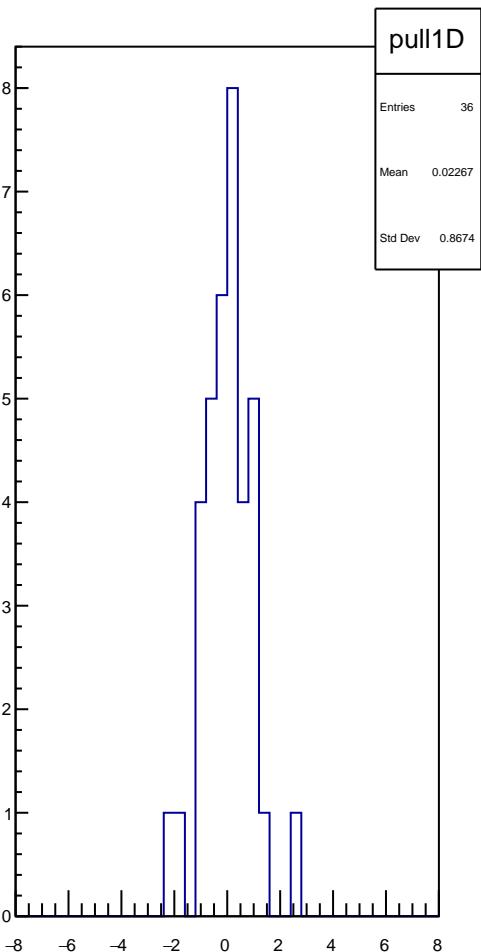
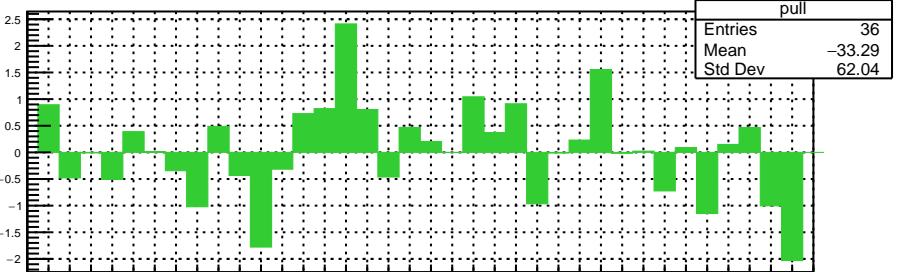
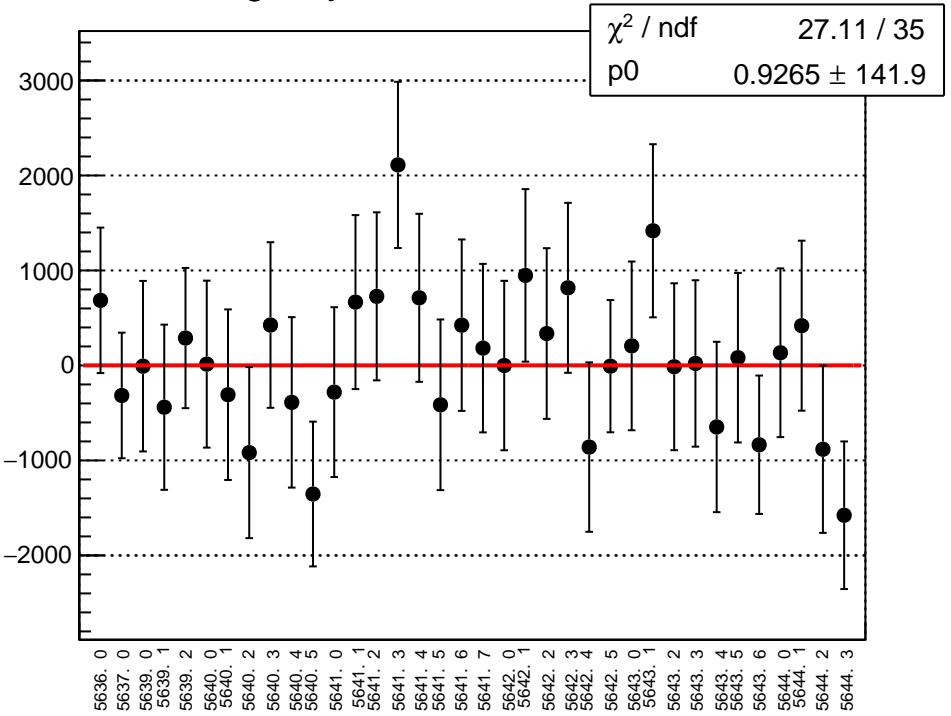
# asym\_ds\_avg\_mean vs run



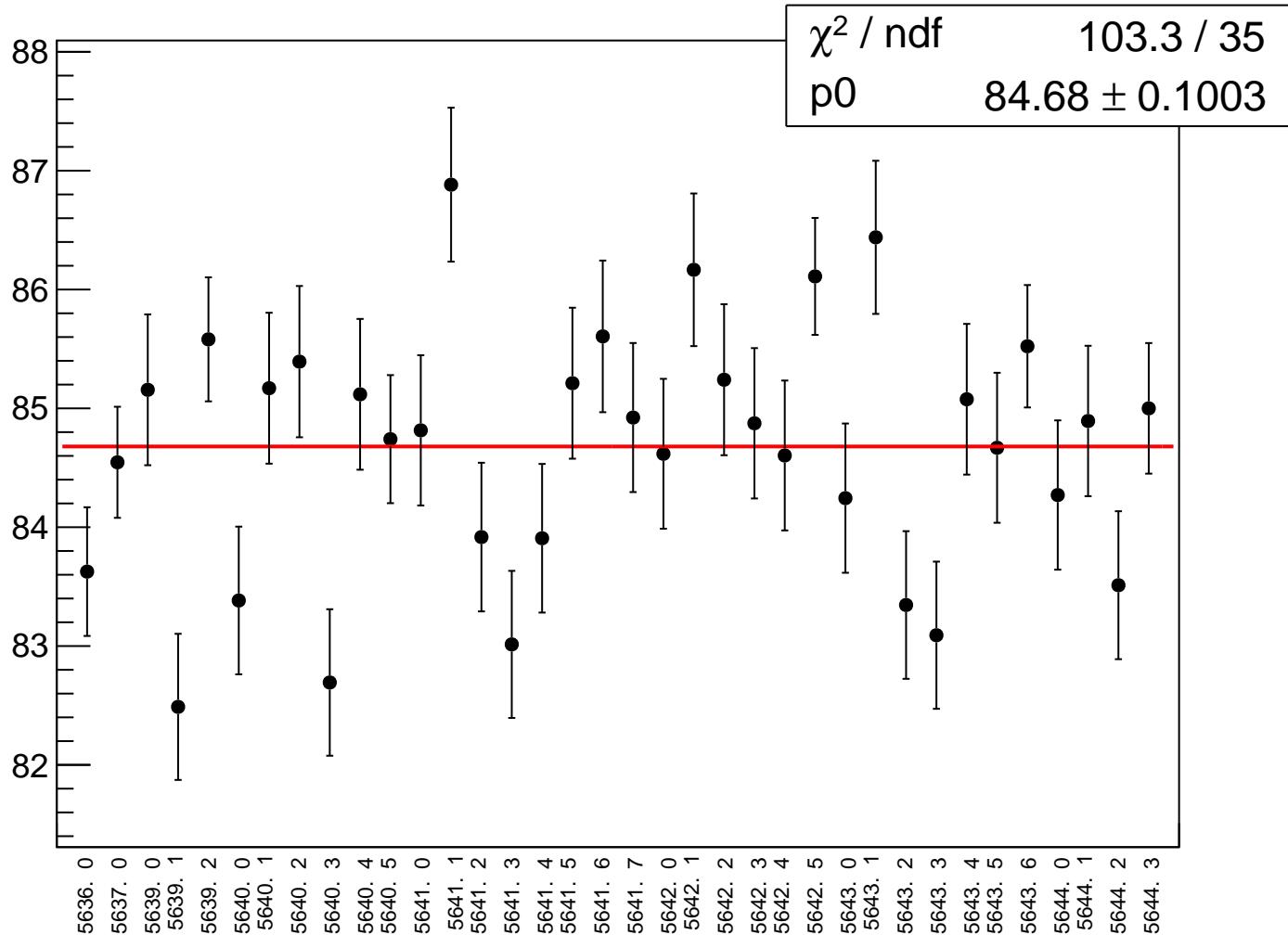
# asym\_ds\_avg\_rms vs run



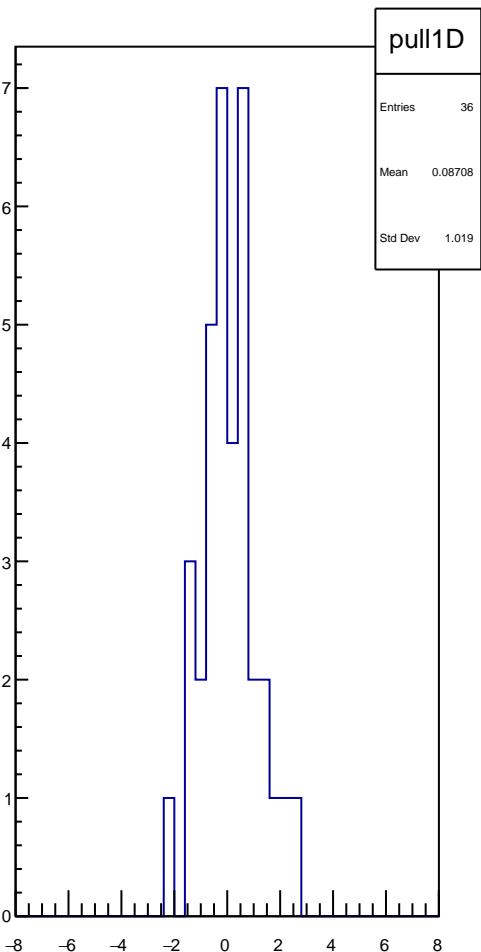
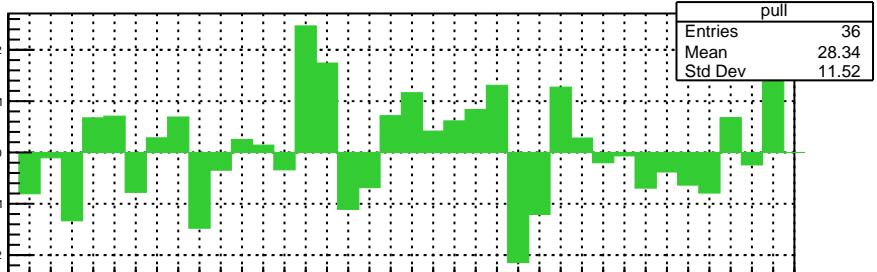
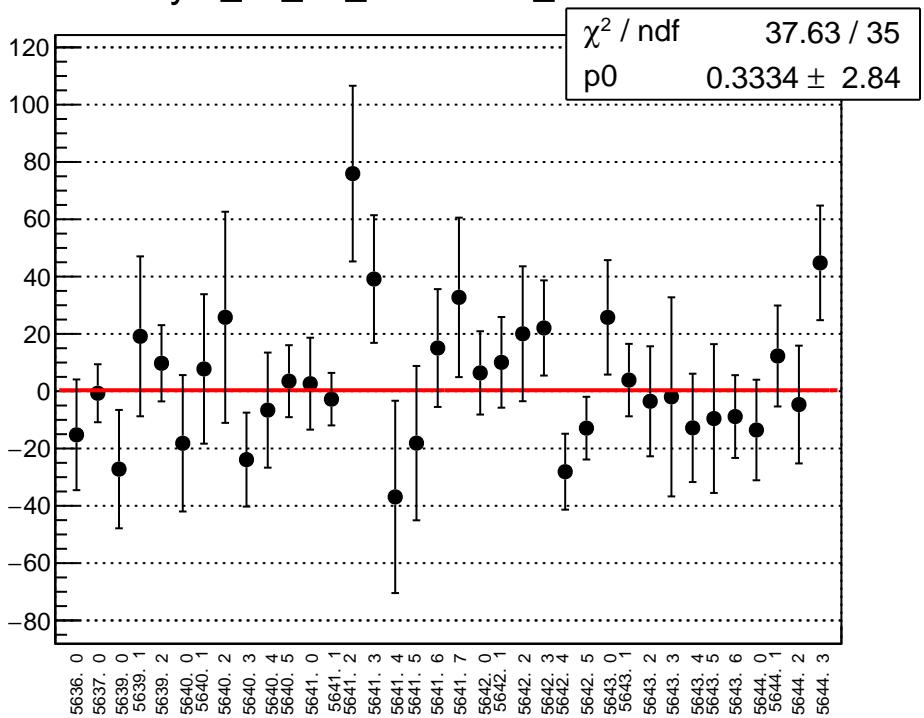
# reg\_asym\_ds\_dd\_mean vs run



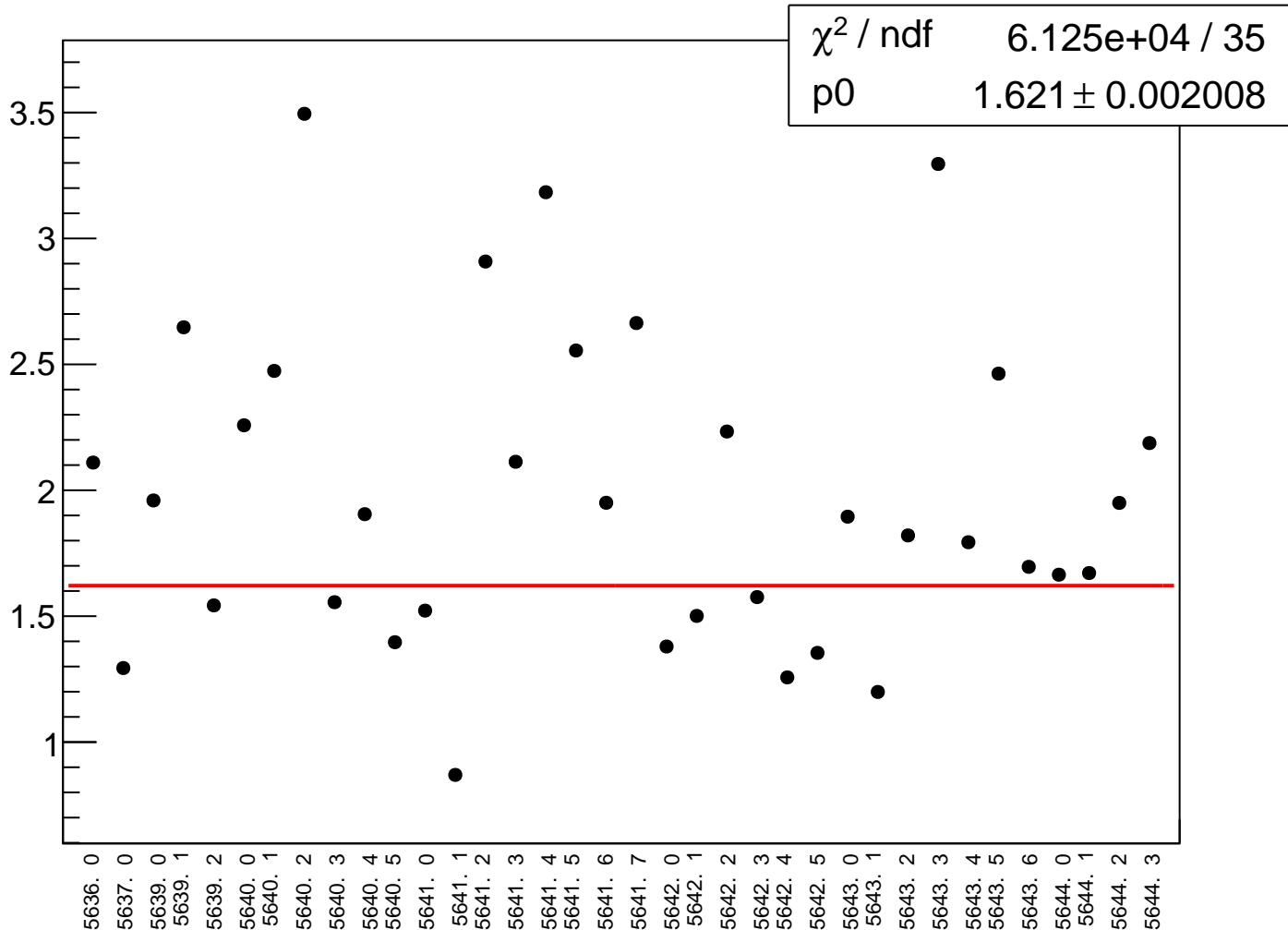
# reg\_asym\_ds\_dd\_rms vs run



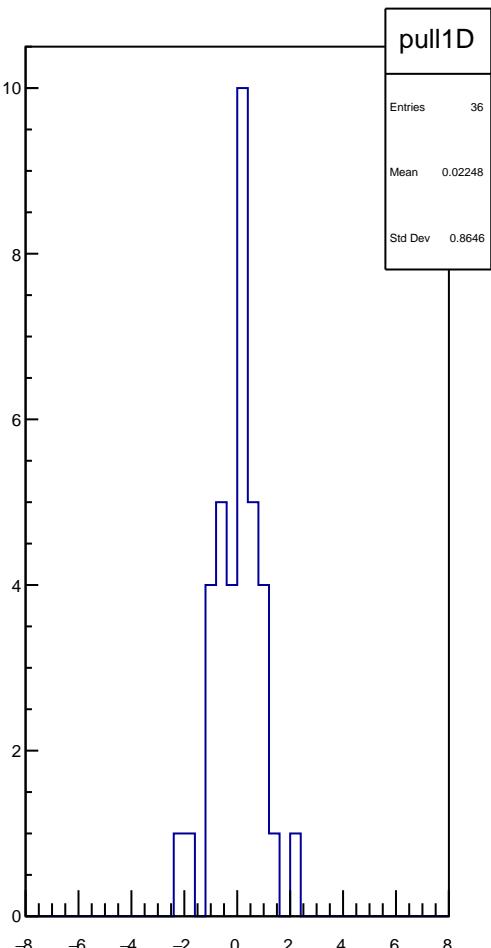
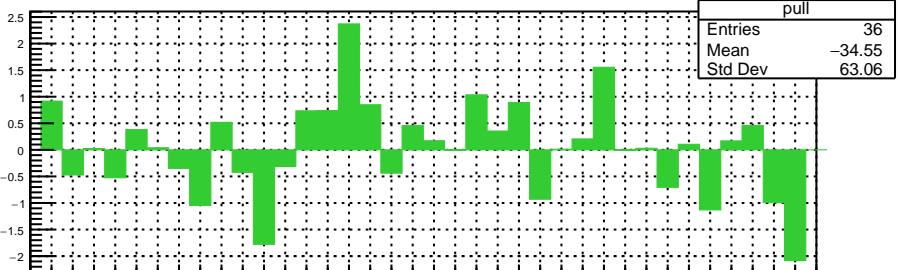
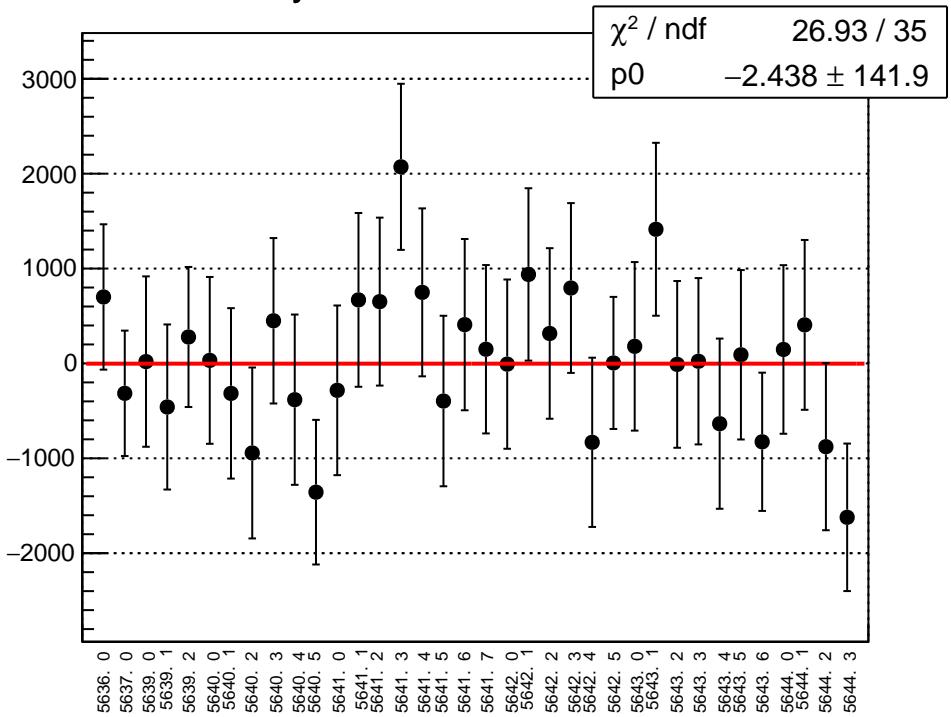
# asym\_ds\_dd\_correction\_mean vs run



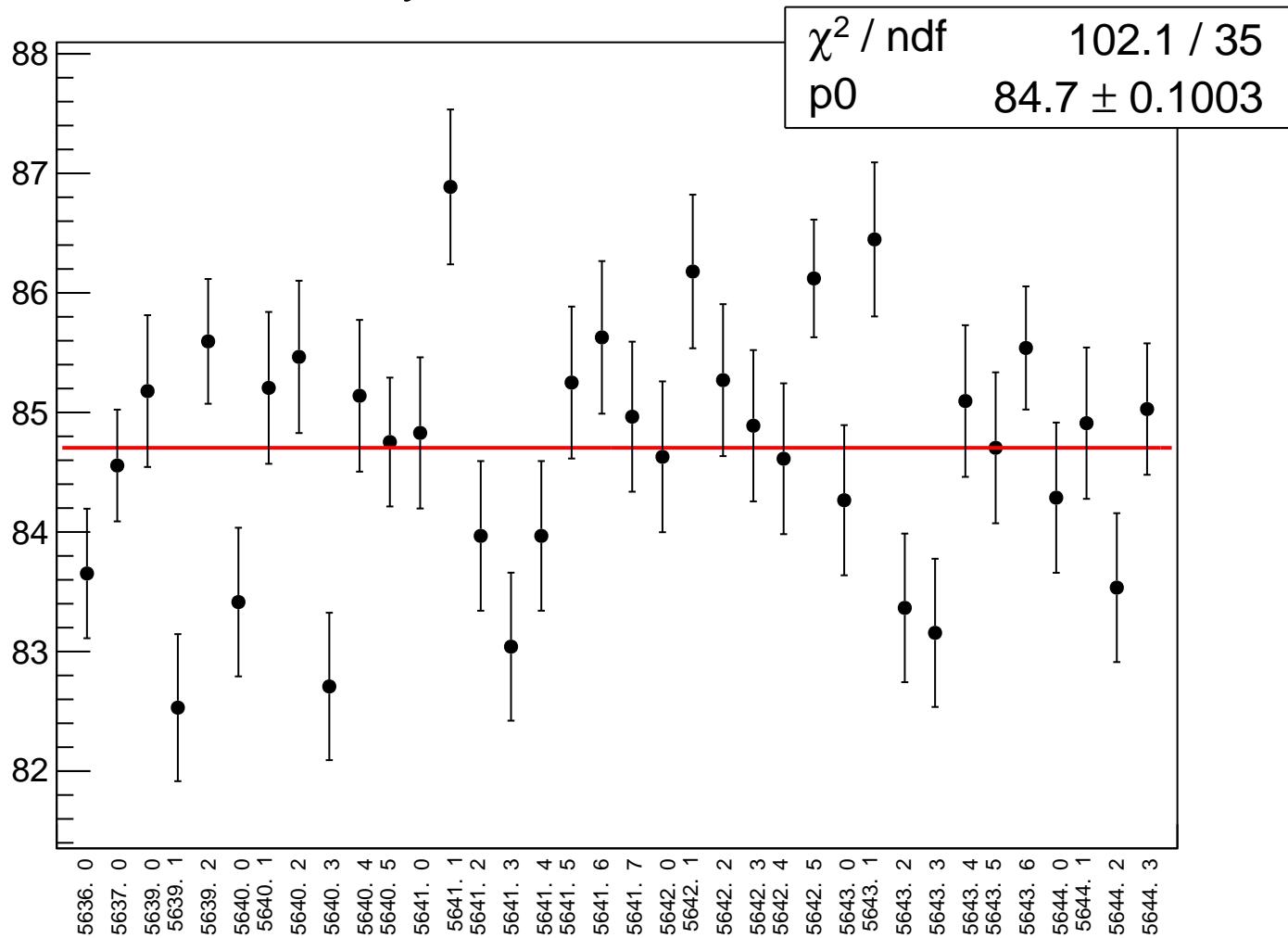
# asym\_ds\_dd\_correction\_rms vs run



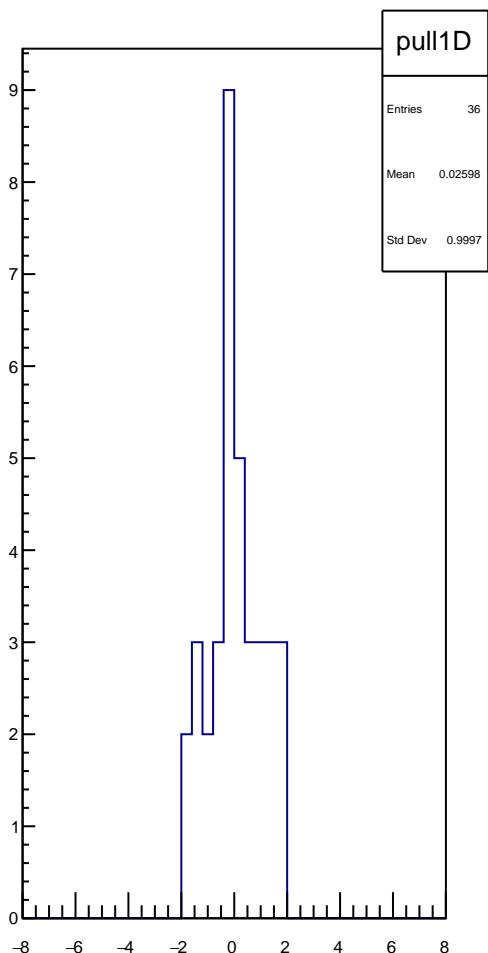
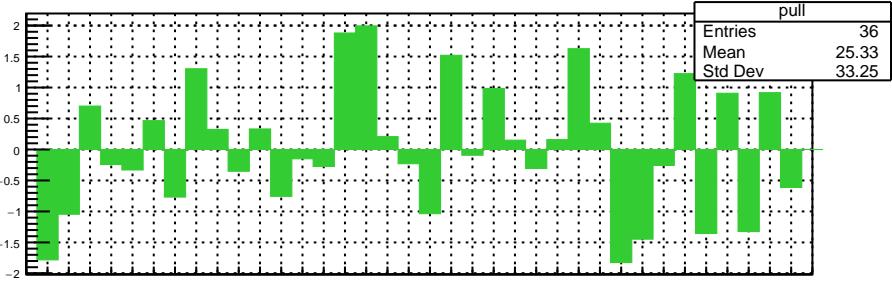
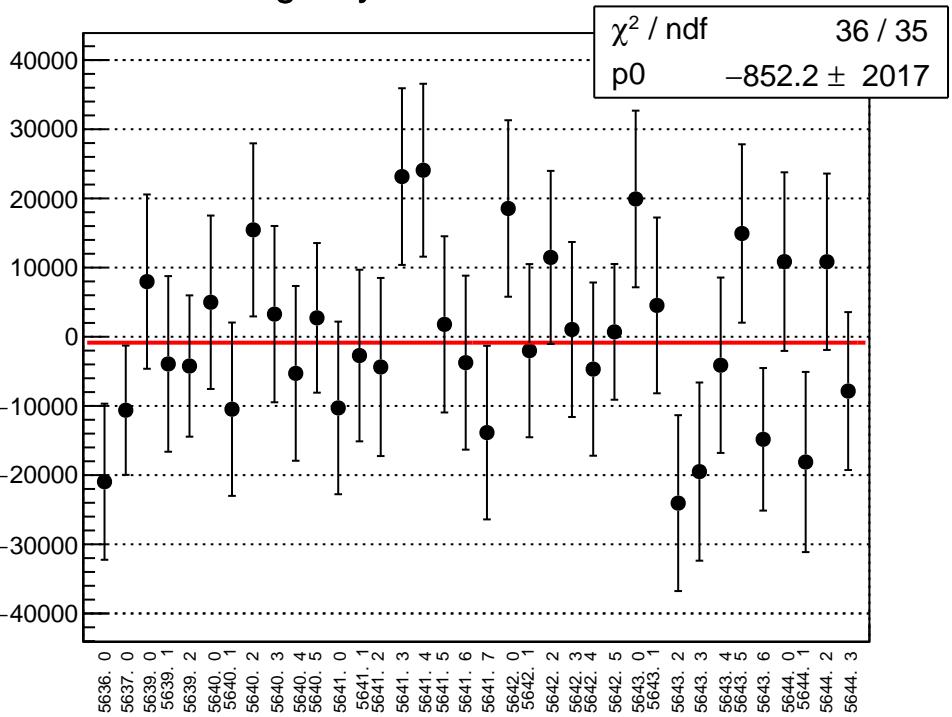
# asym\_ds\_dd\_mean vs run



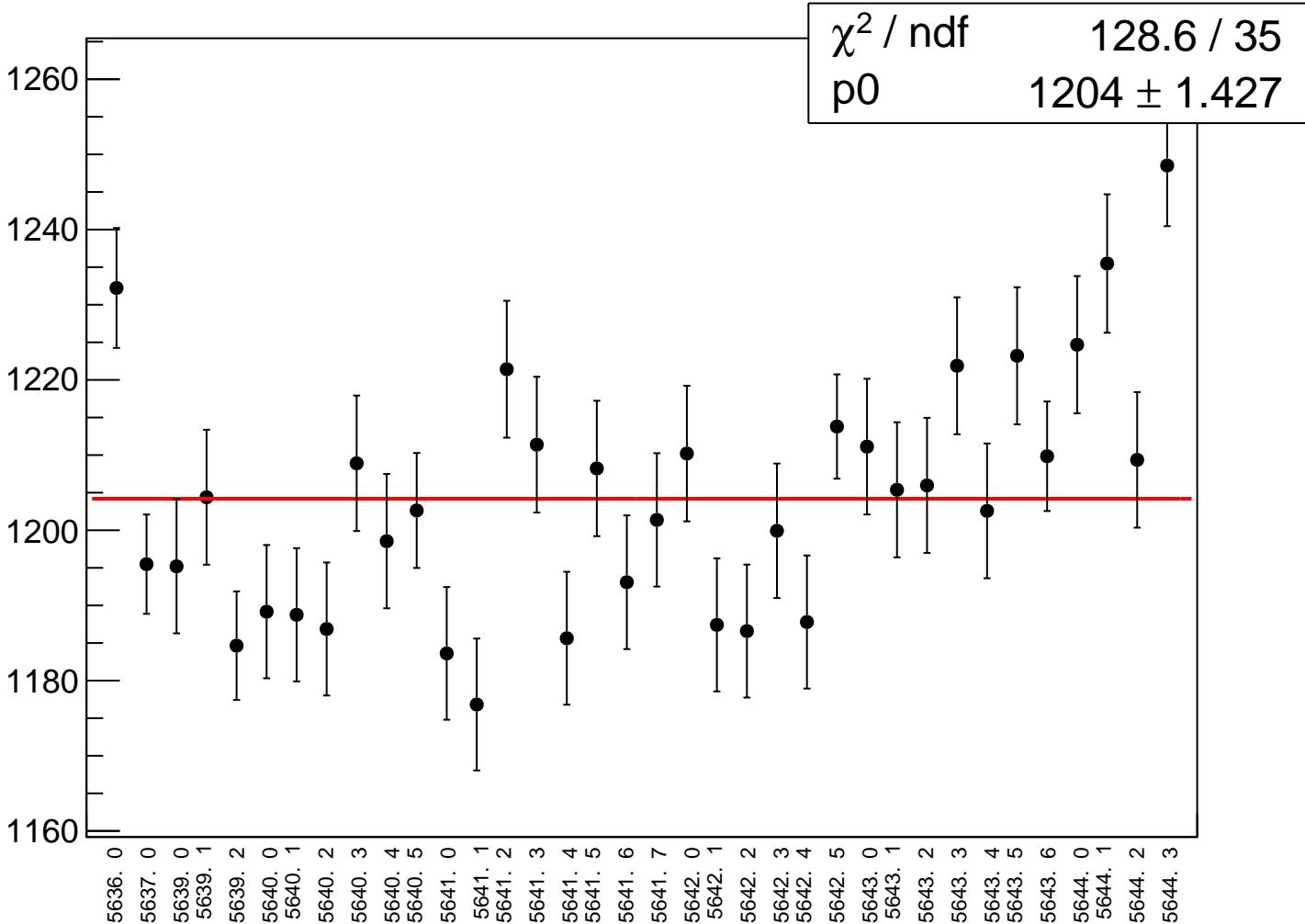
# asym\_ds\_dd\_rms vs run



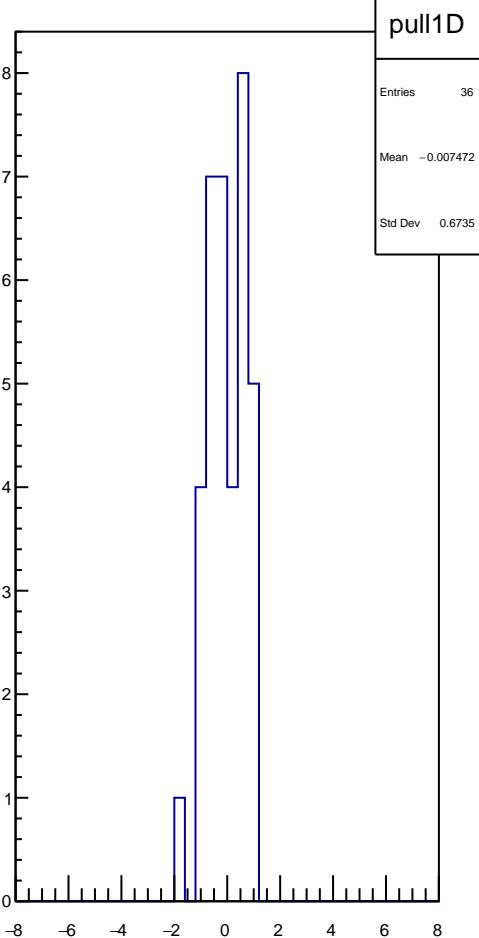
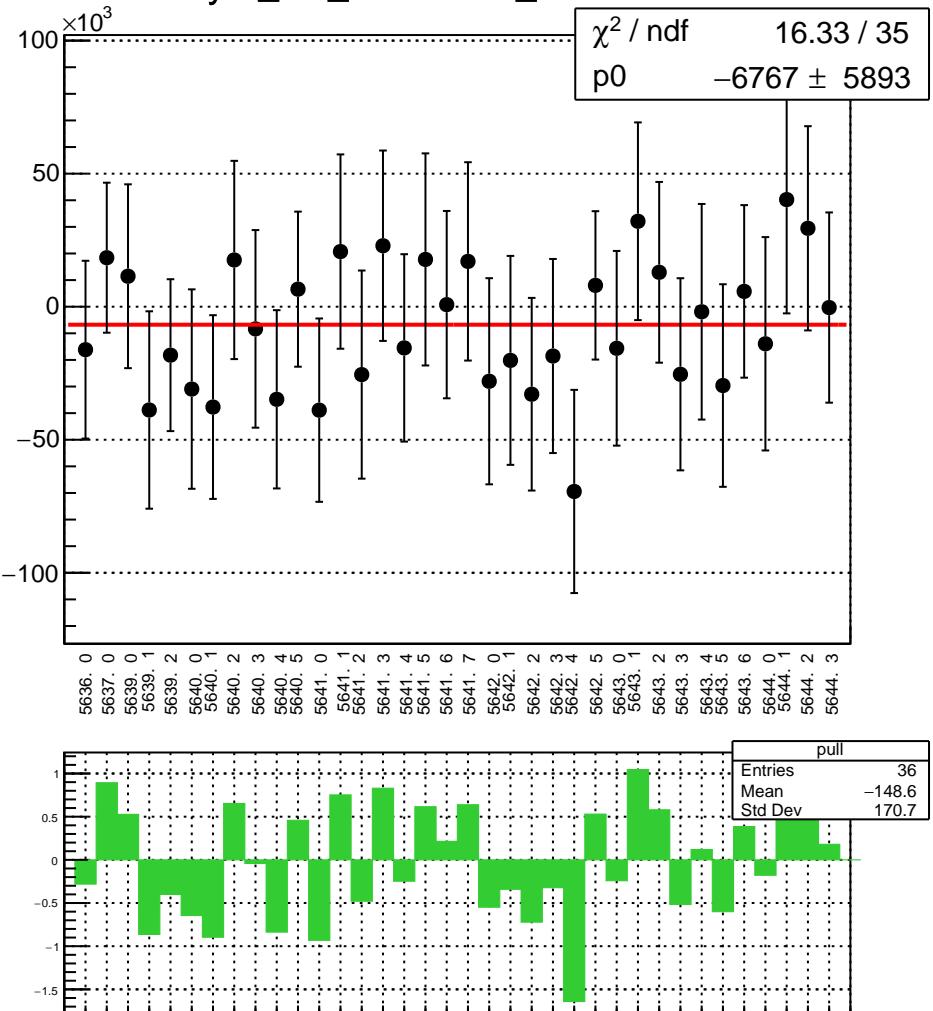
# reg\_asym\_usl\_mean vs run



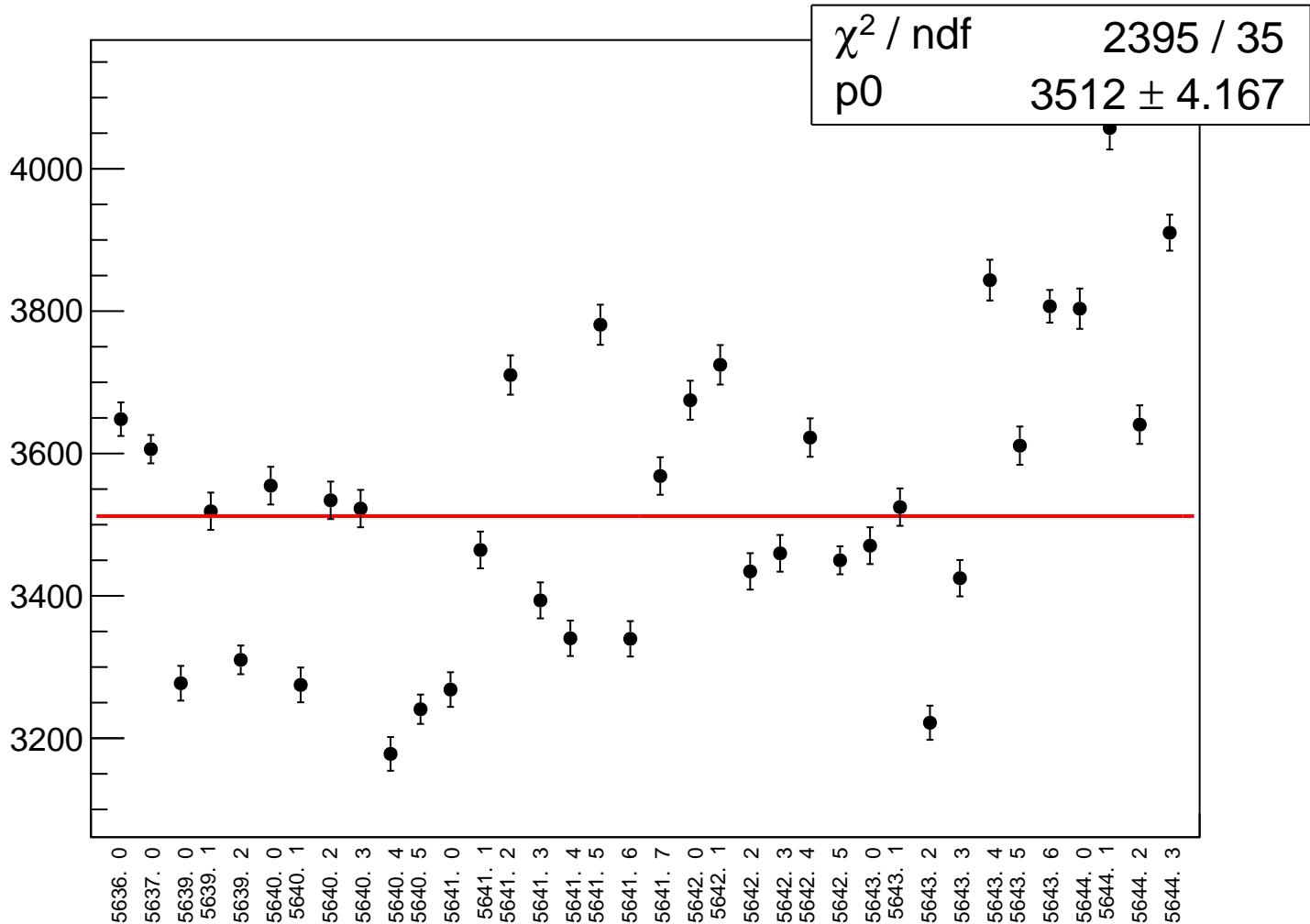
# reg\_asym\_usl\_rms vs run



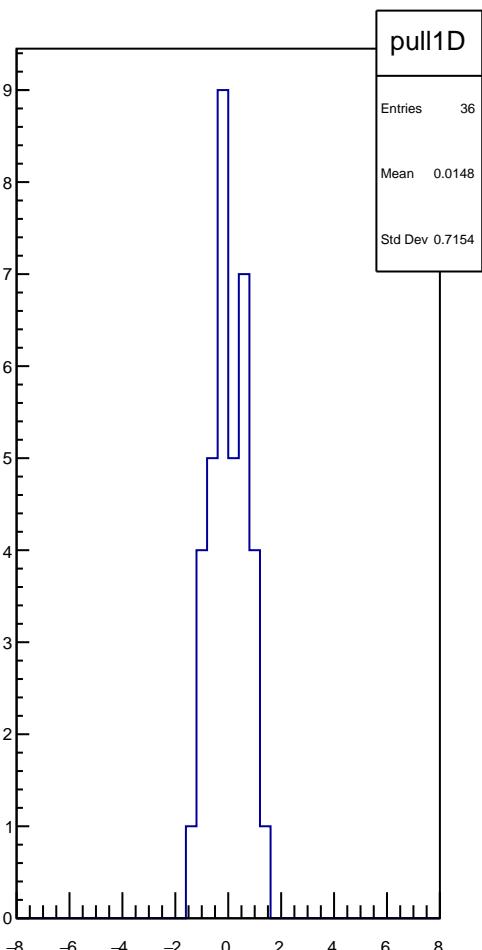
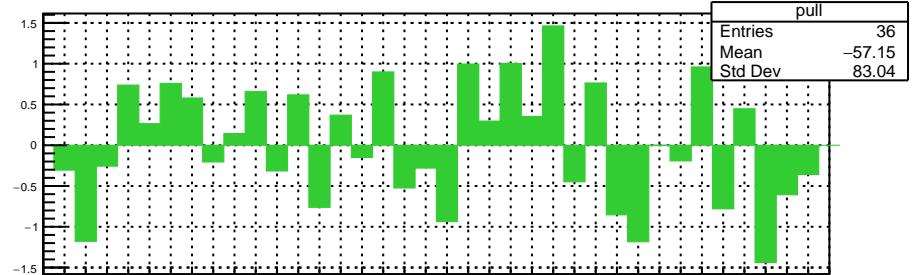
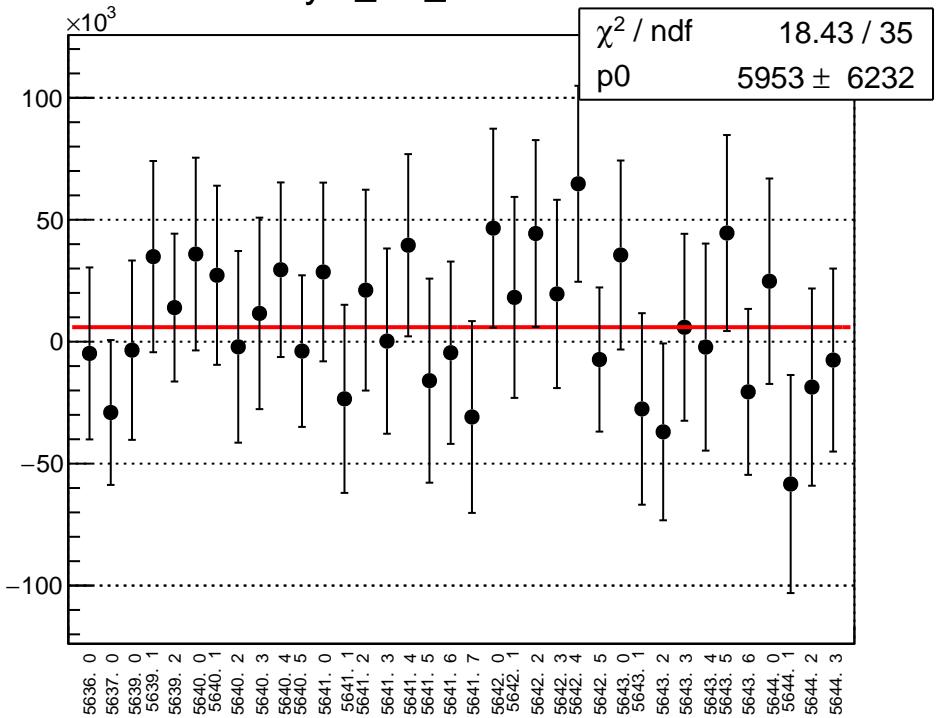
# asym\_usl\_correction\_mean vs run



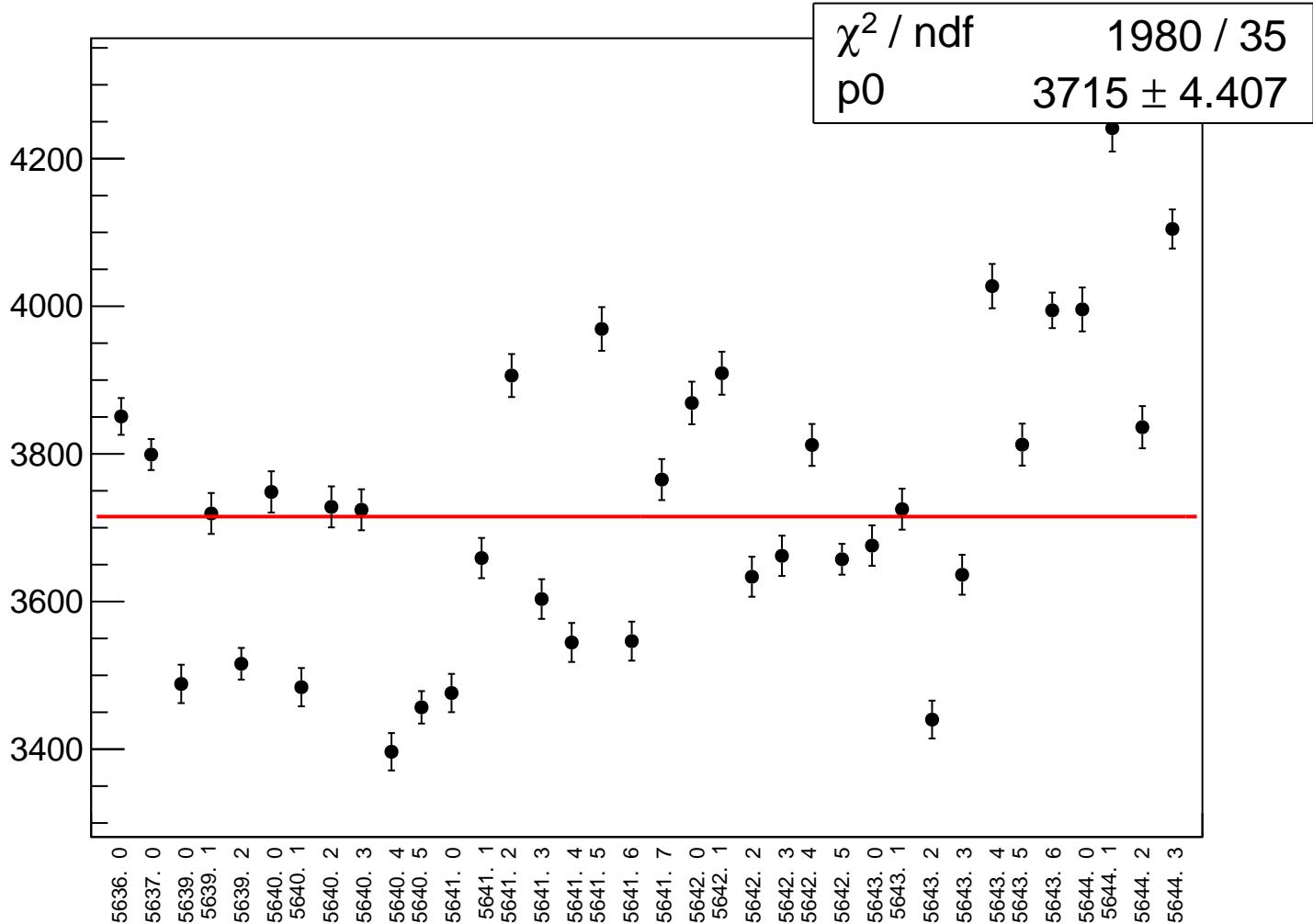
# asym\_usl\_correction\_rms vs run



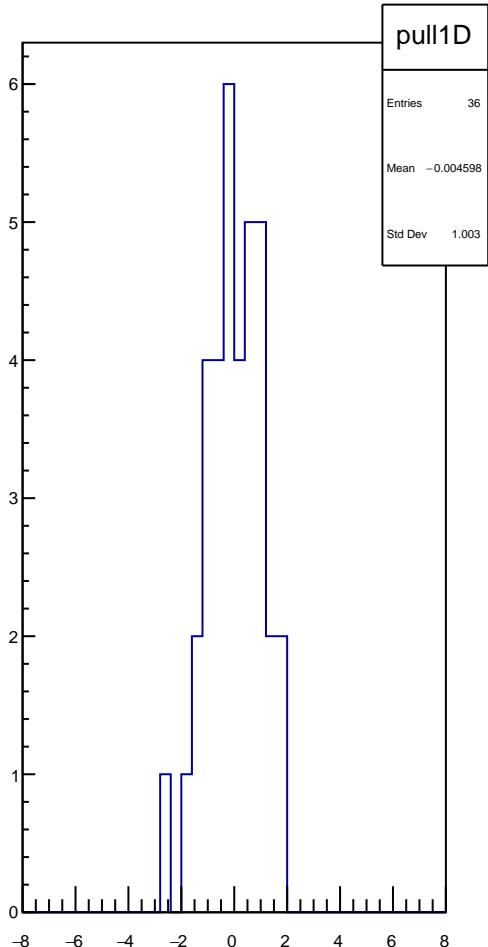
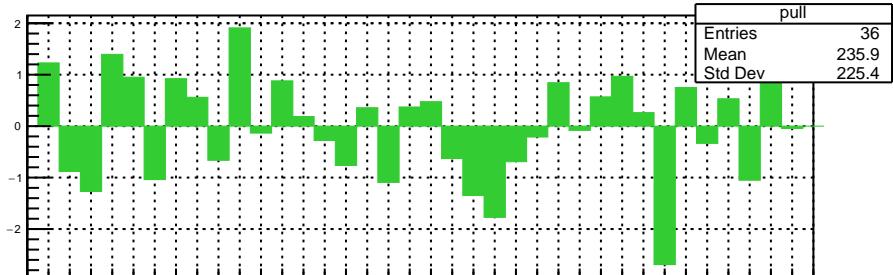
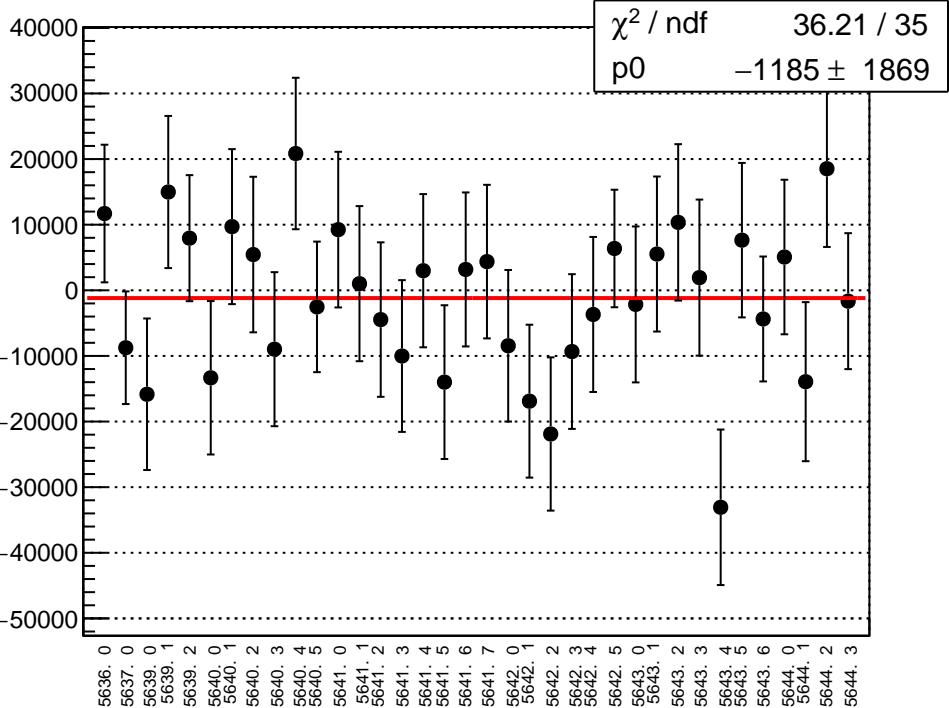
# asym\_usl\_mean vs run



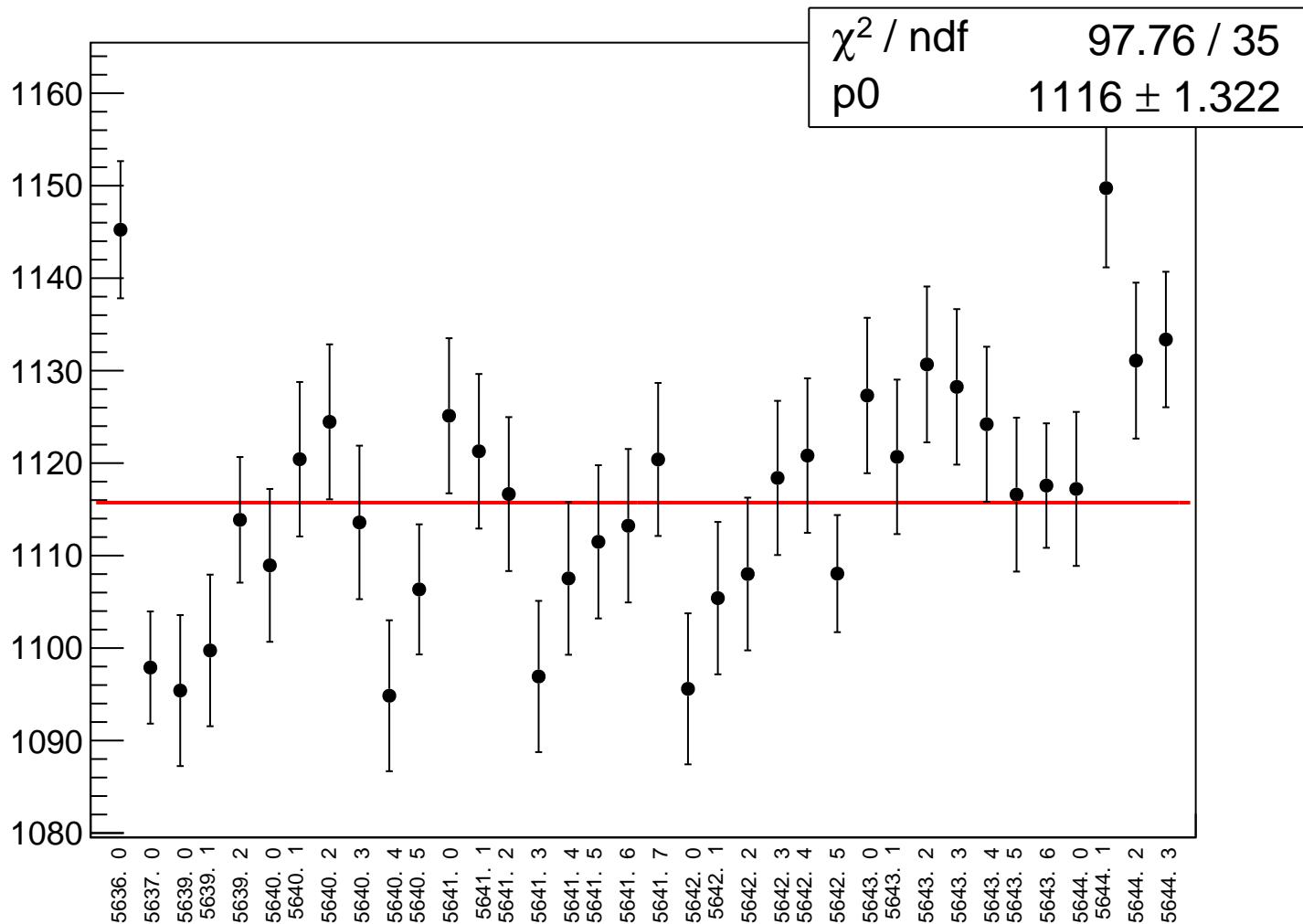
# asym\_usl\_rms vs run



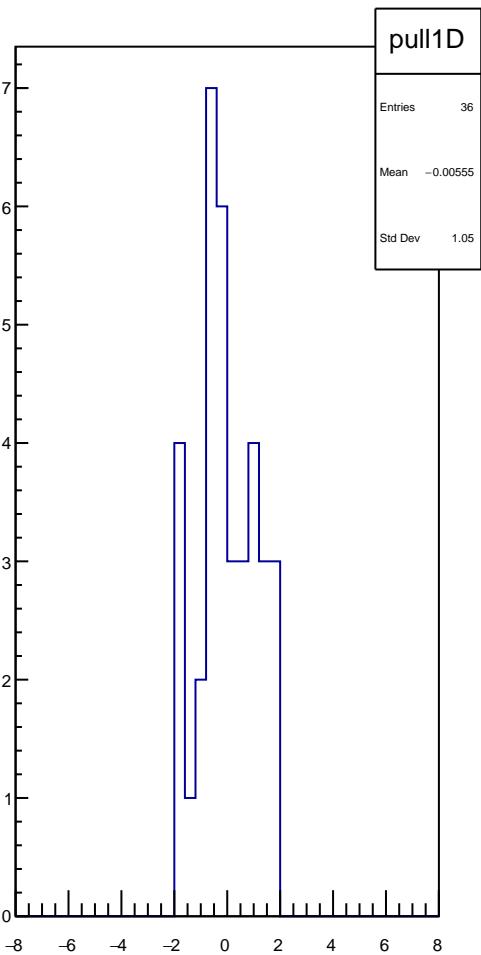
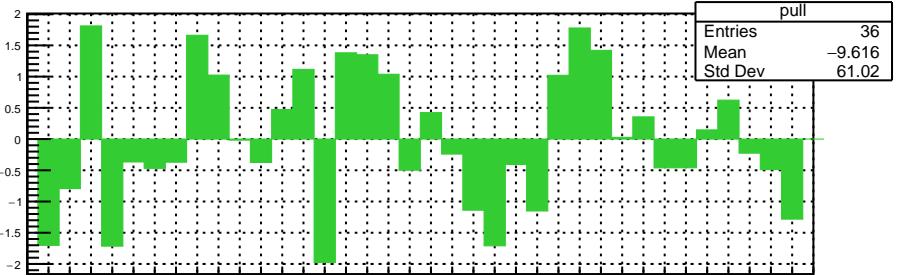
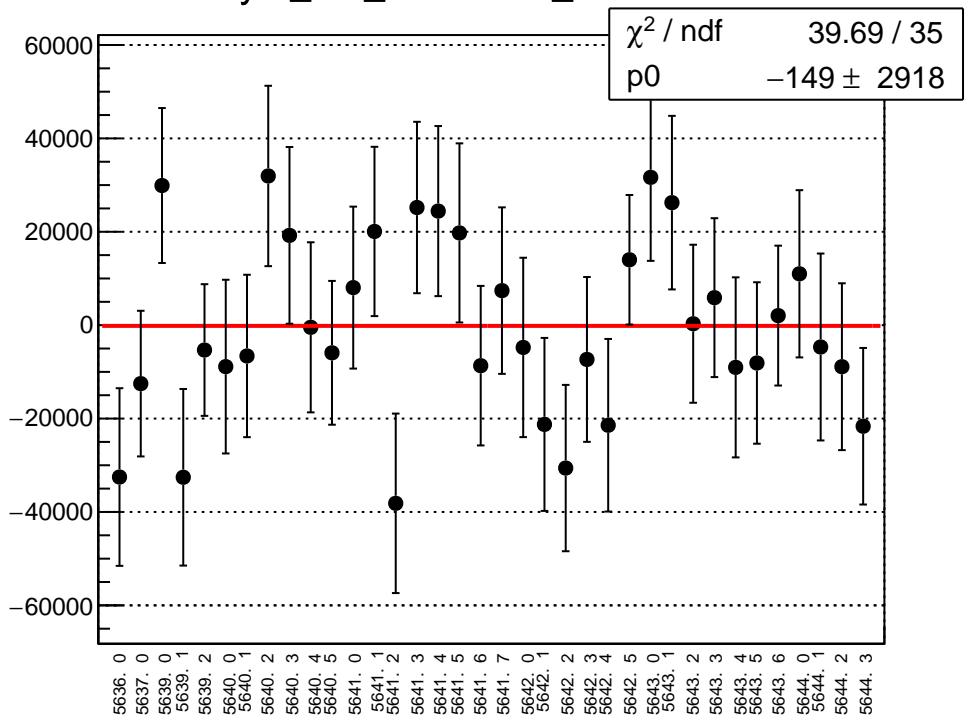
# reg\_asym\_usr\_mean vs run



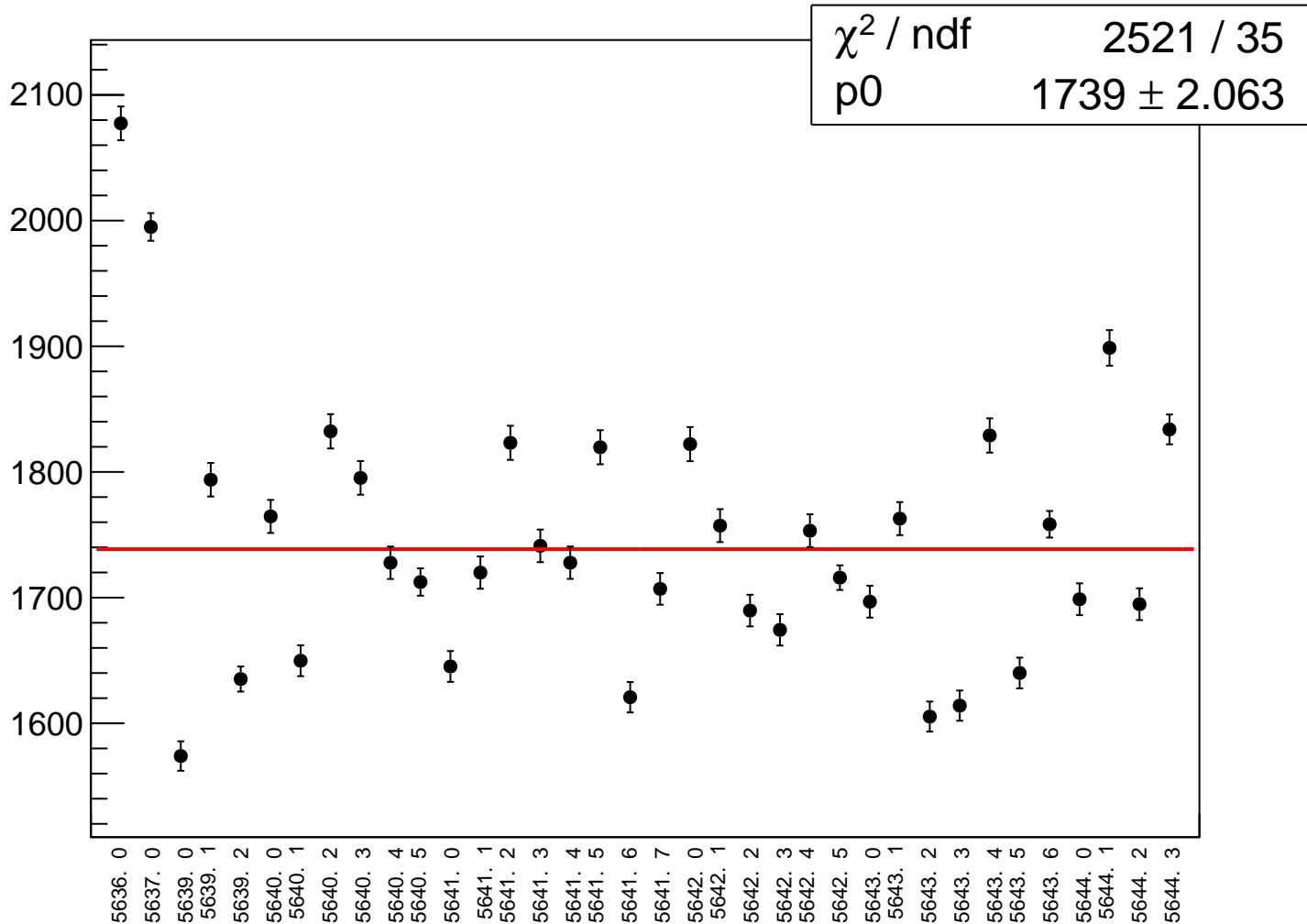
# reg\_asym\_usr\_rms vs run



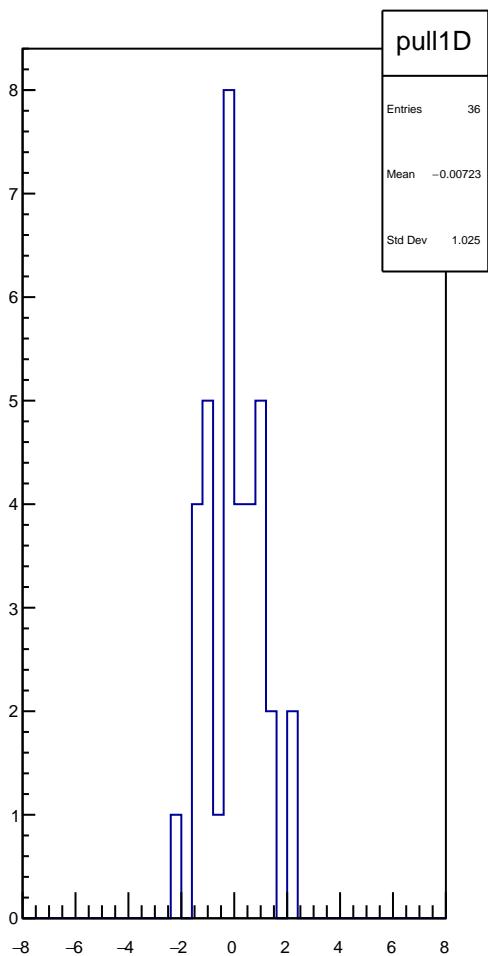
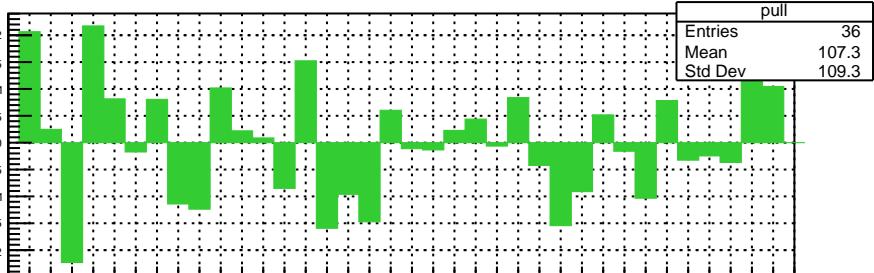
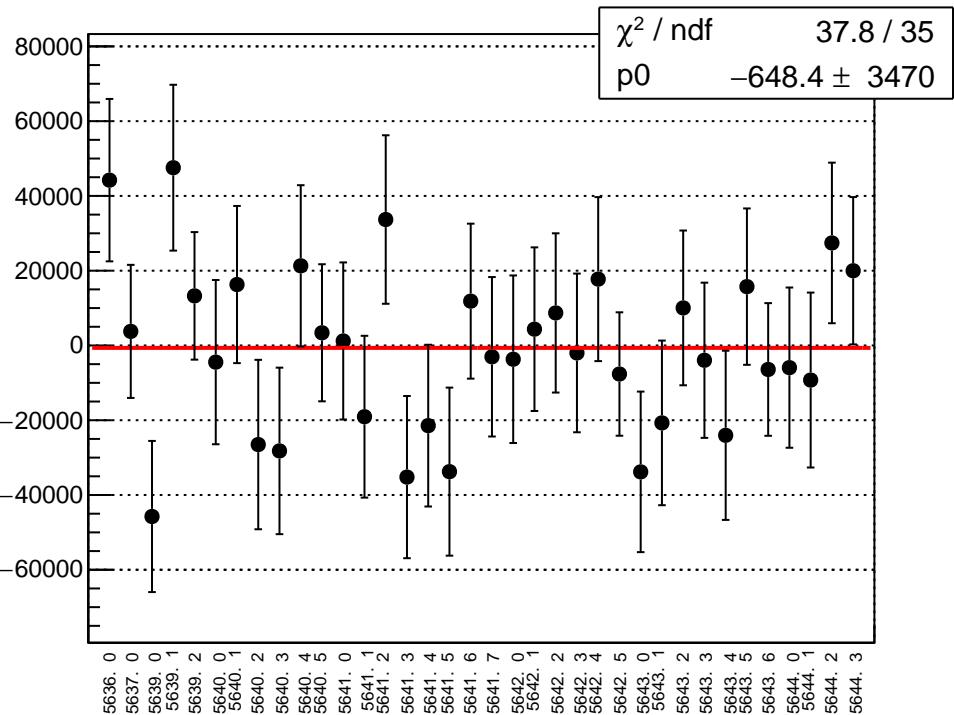
# asym\_usr\_correction\_mean vs run



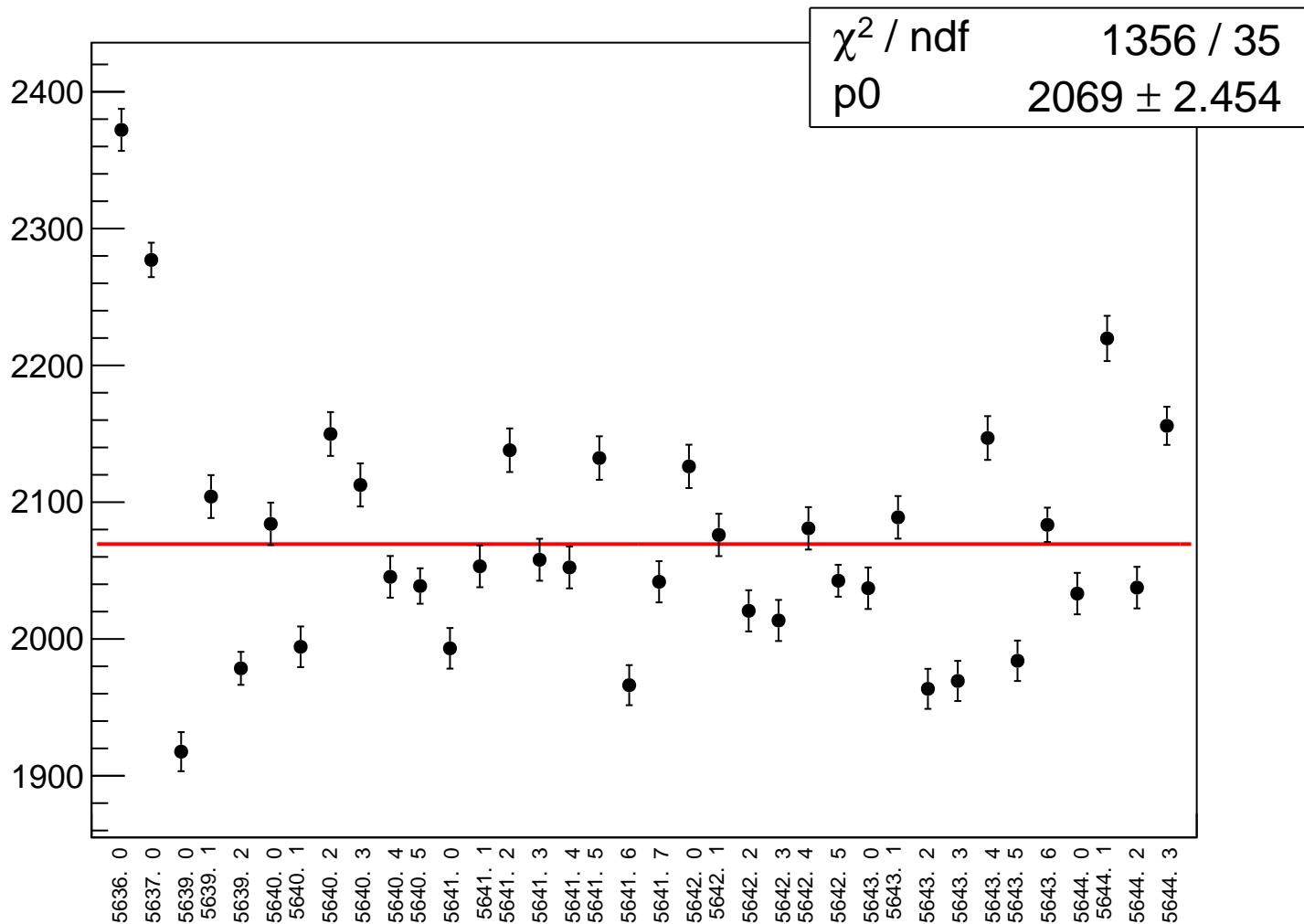
# asym\_usr\_correction\_rms vs run



asym\_usr\_mean vs run

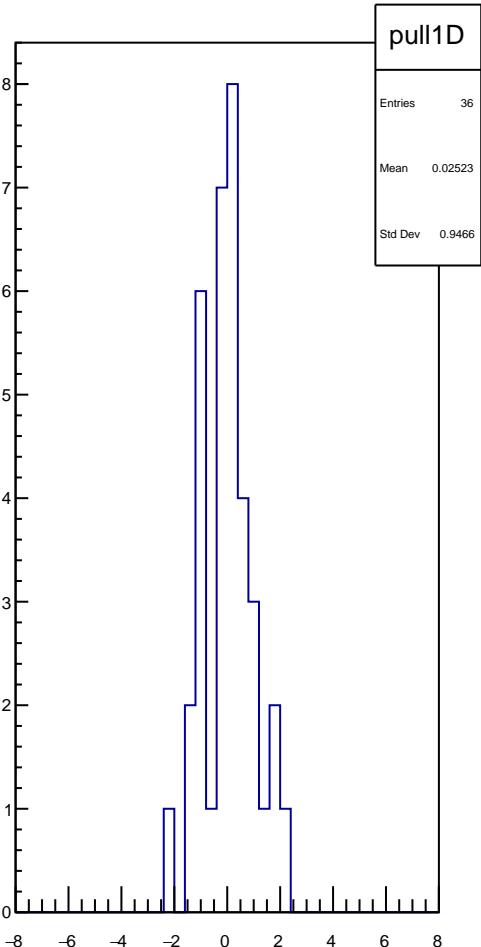
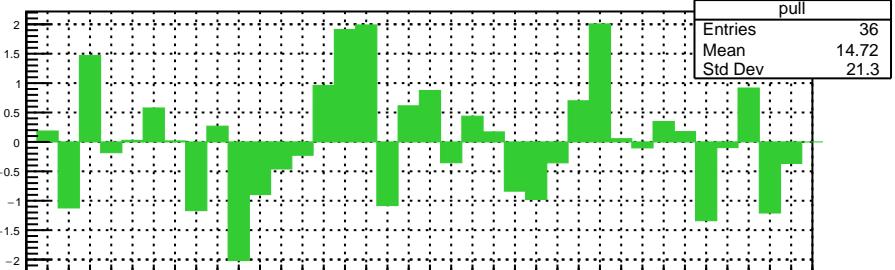
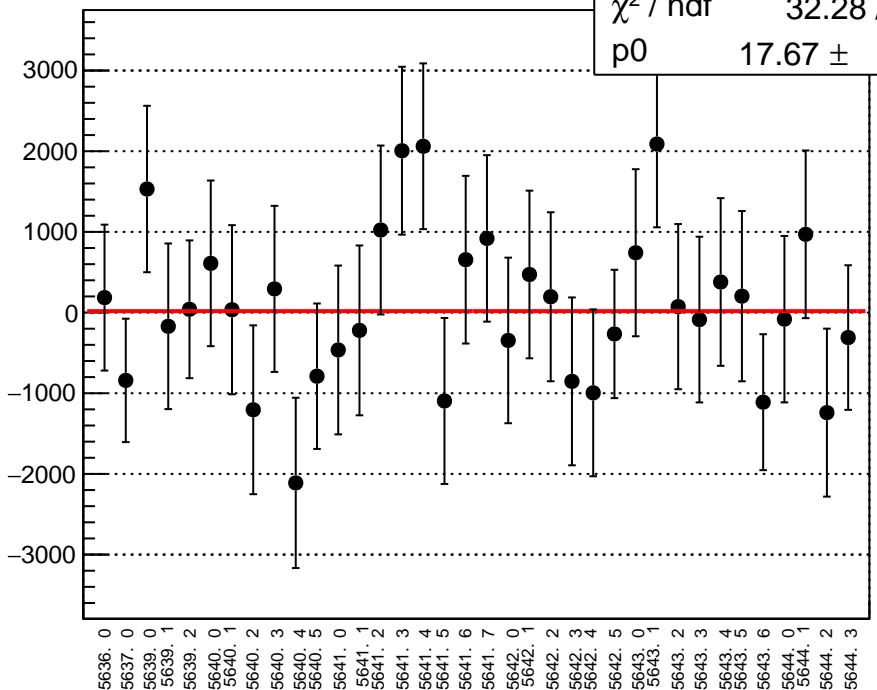


# asym\_usr\_rms vs run

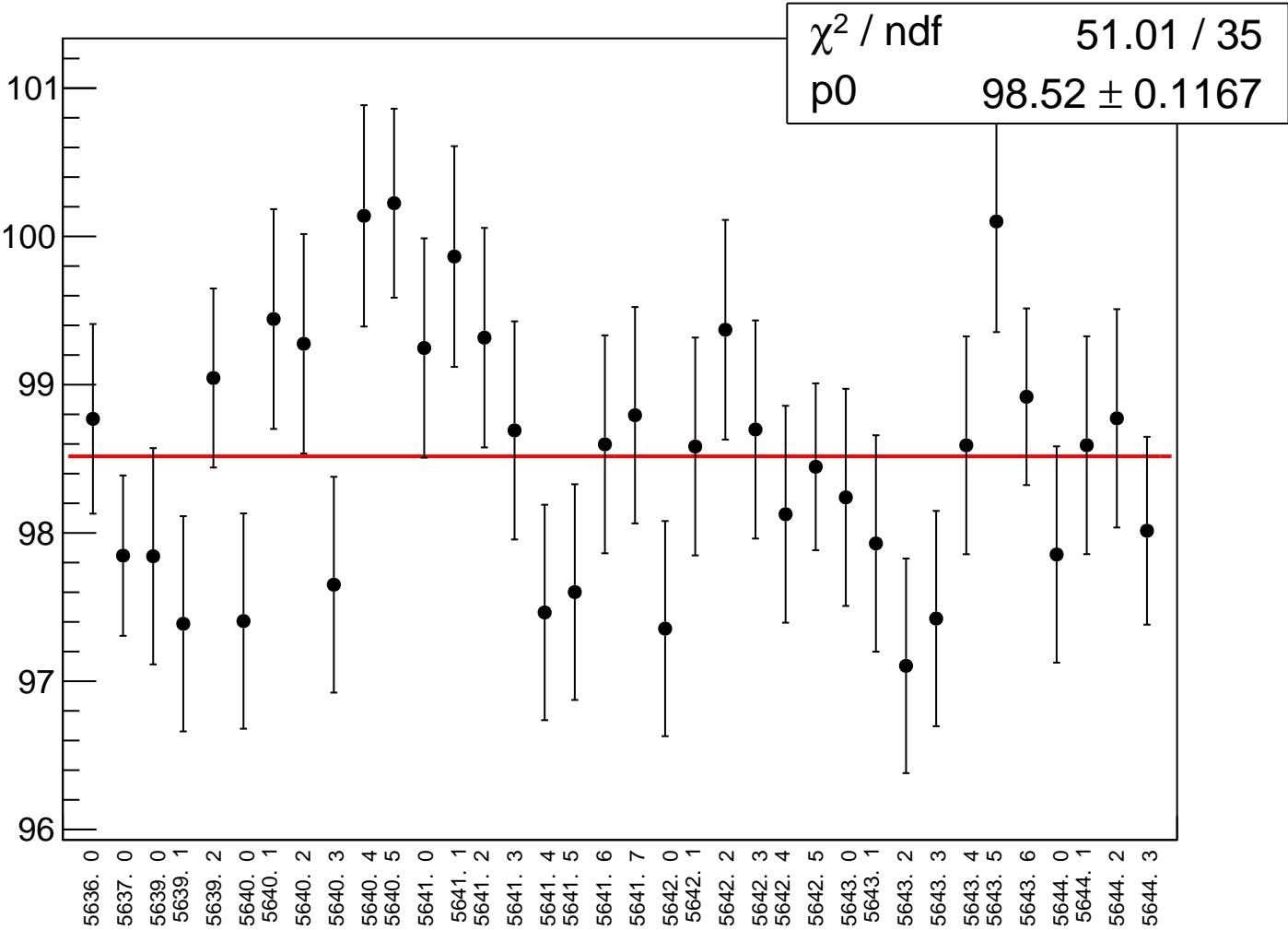


# reg\_asym\_dsl\_mean vs run

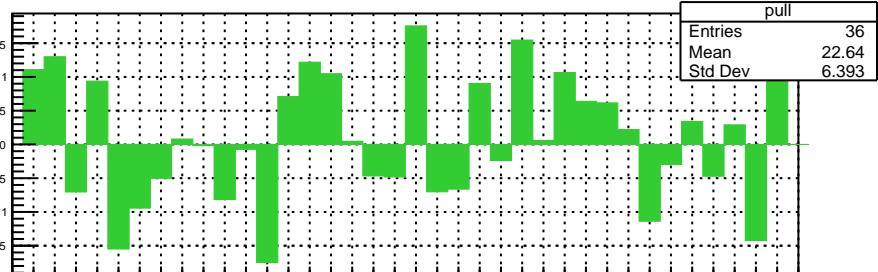
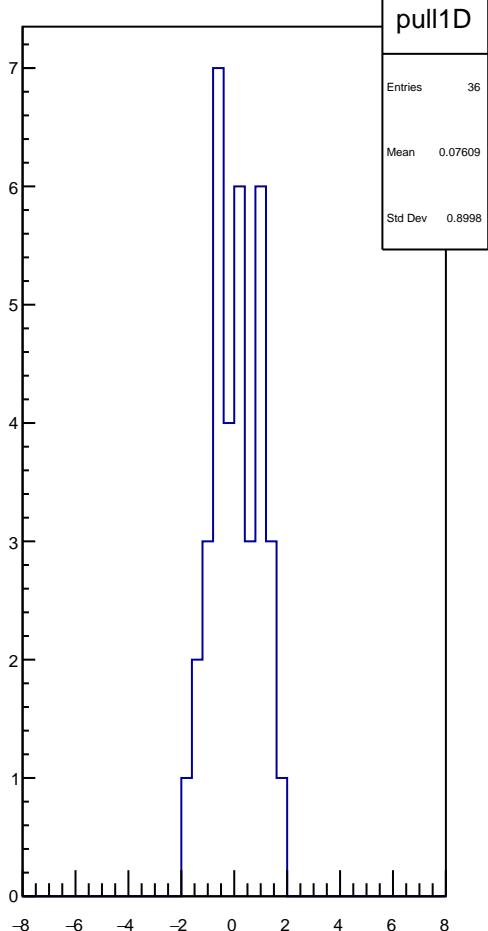
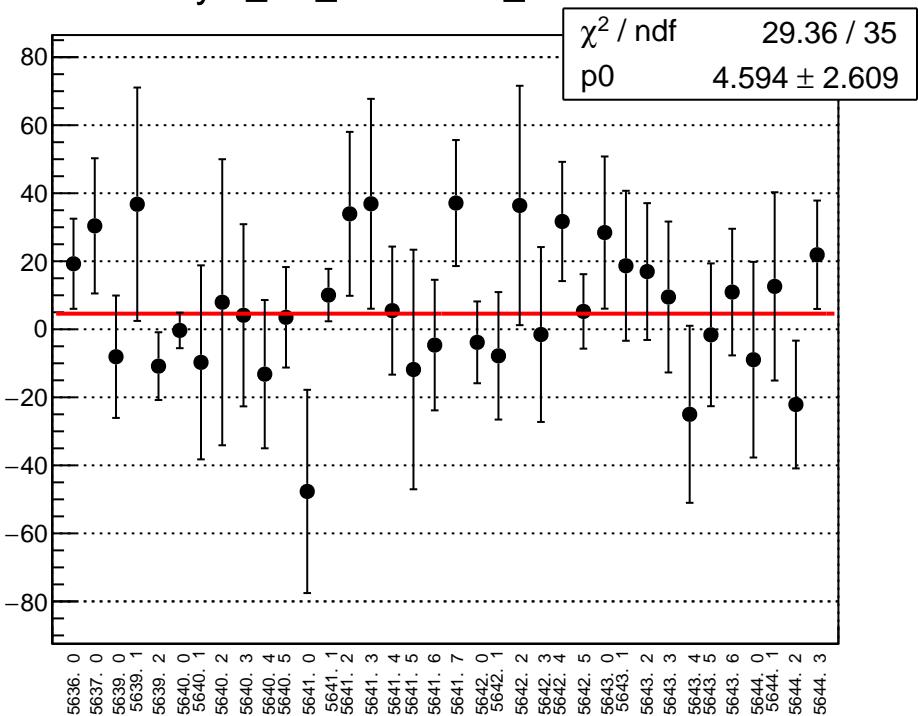
$\chi^2 / \text{ndf}$  32.28 / 35  
 $p0$   $17.67 \pm 165$



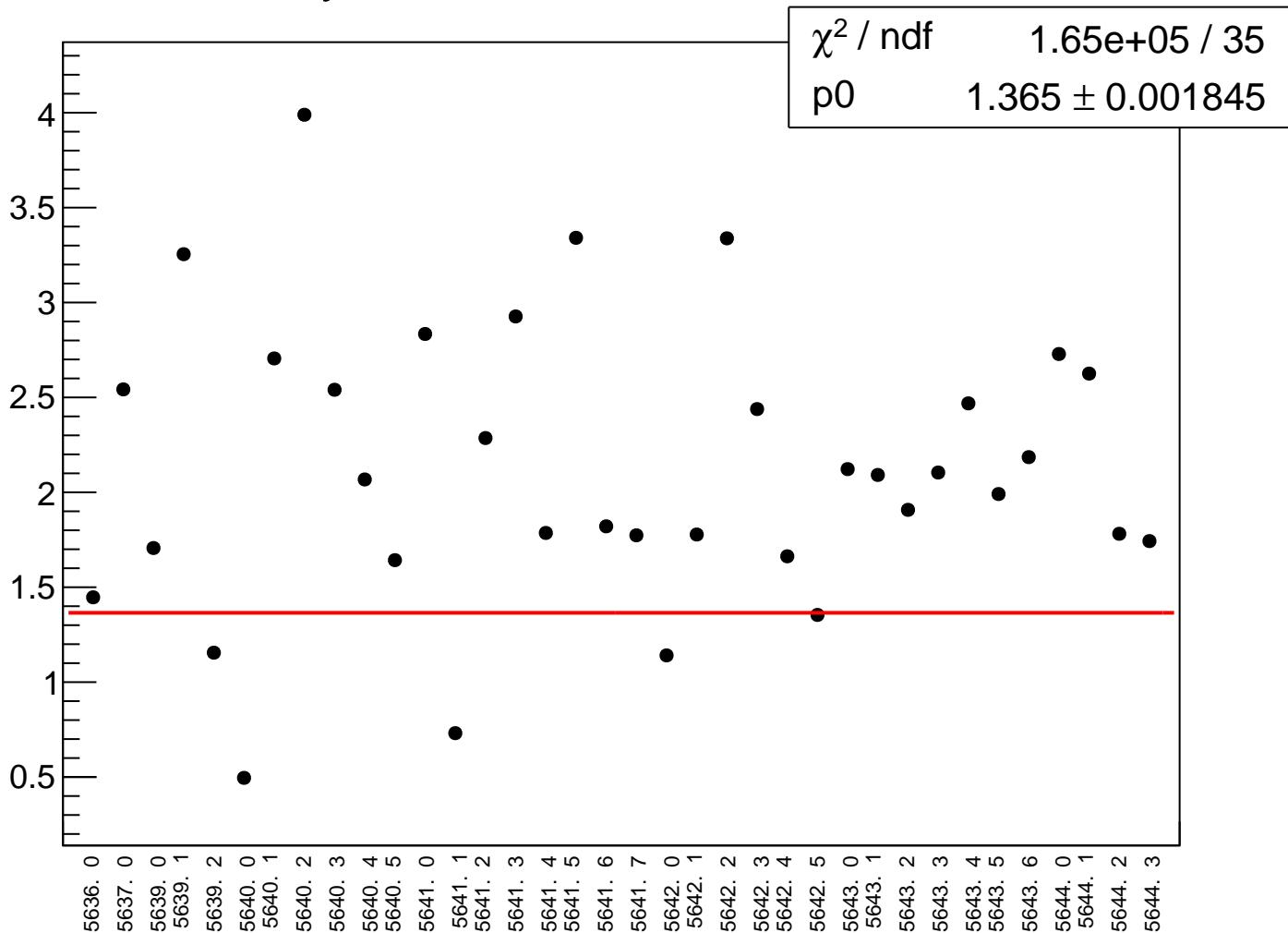
# reg\_asym\_dsl\_rms vs run



# asym\_dsl\_correction\_mean vs run



# asym\_dsl\_correction\_rms vs run



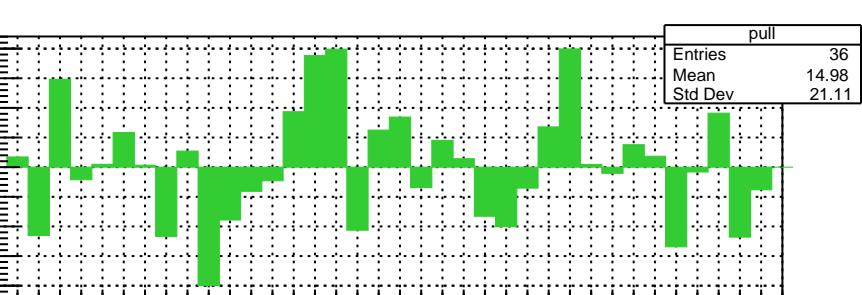
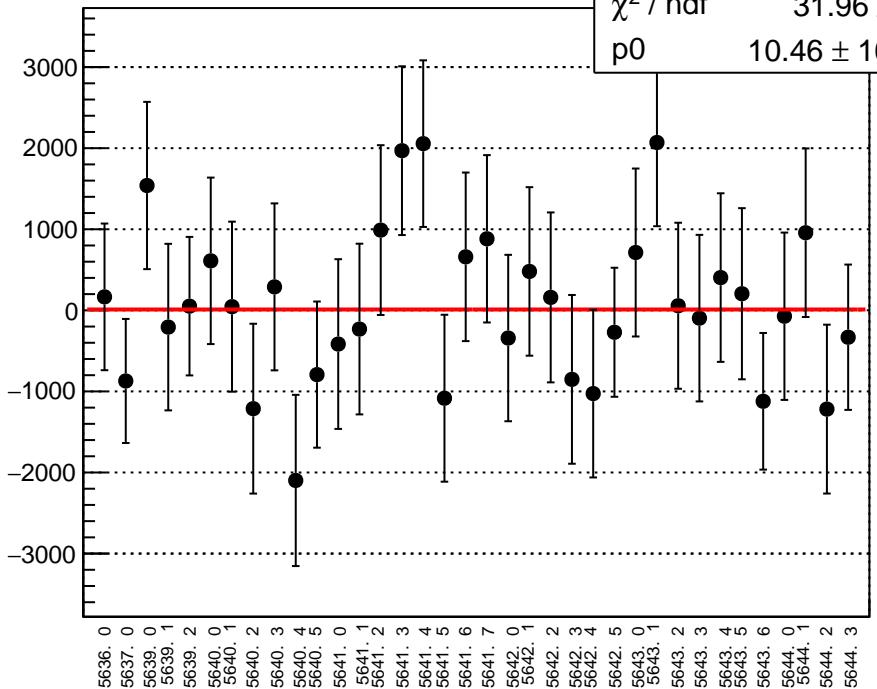
# asym\_dsl\_mean vs run

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

31.96 / 35

p0

$10.46 \pm 165.1$

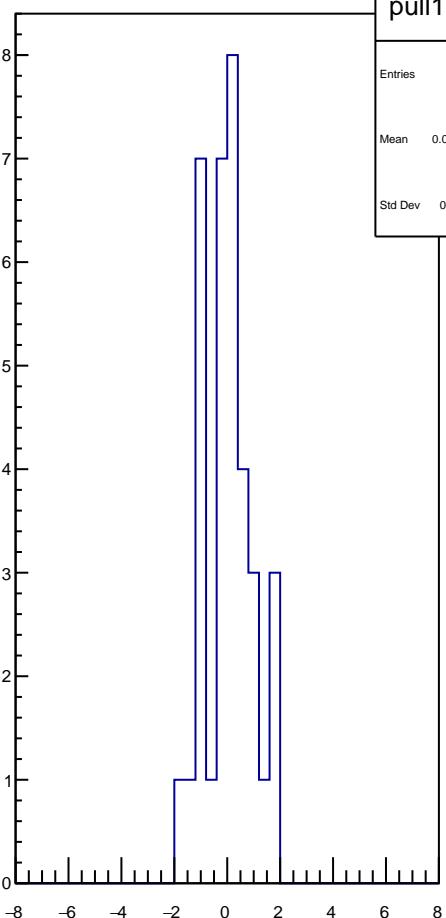


pull1D

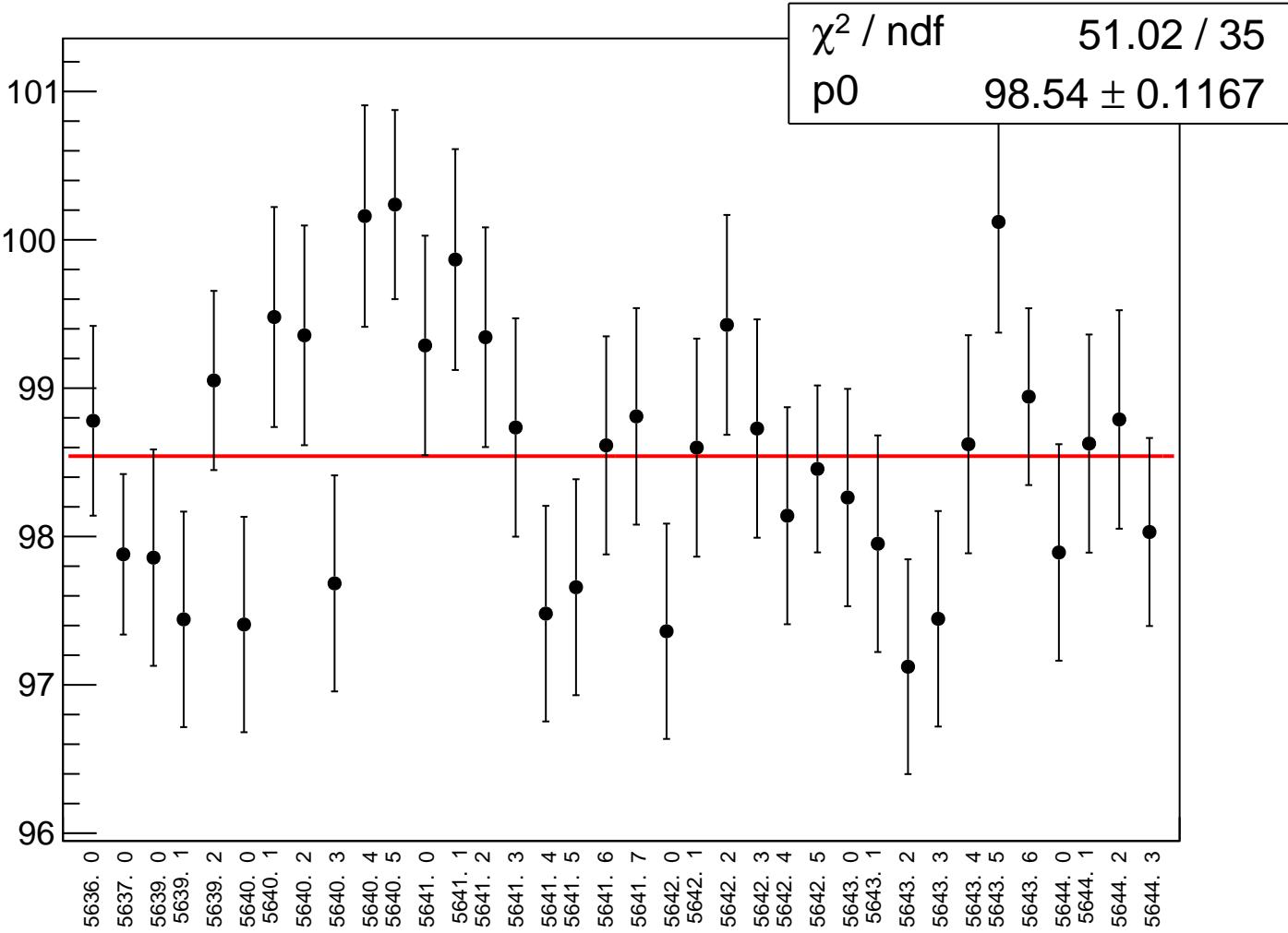
Entries 36

Mean 0.02552

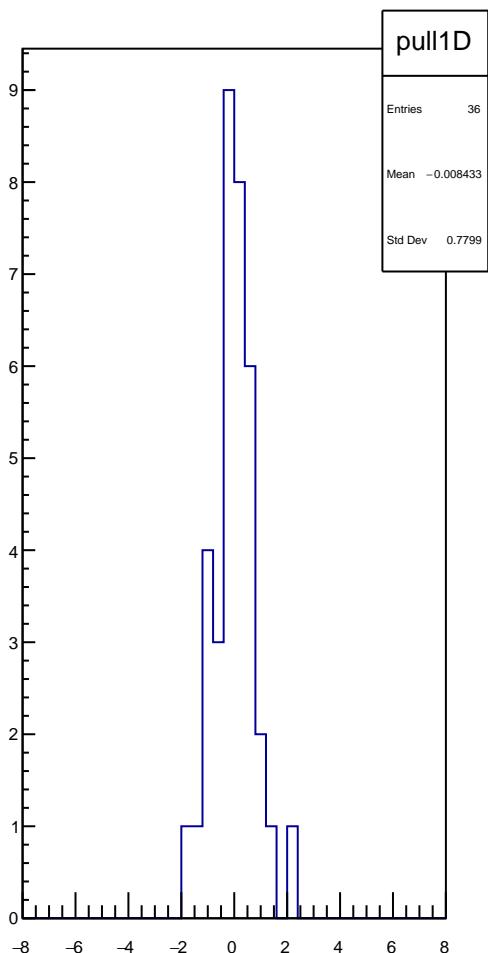
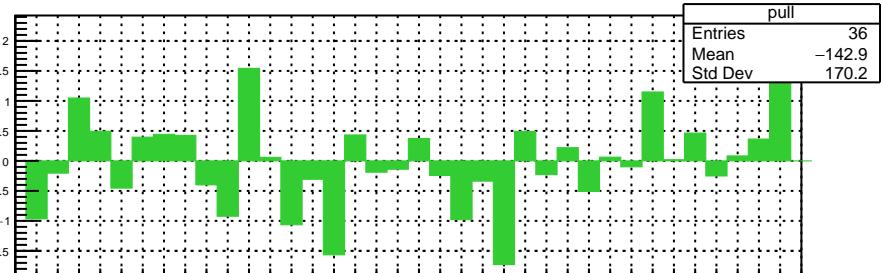
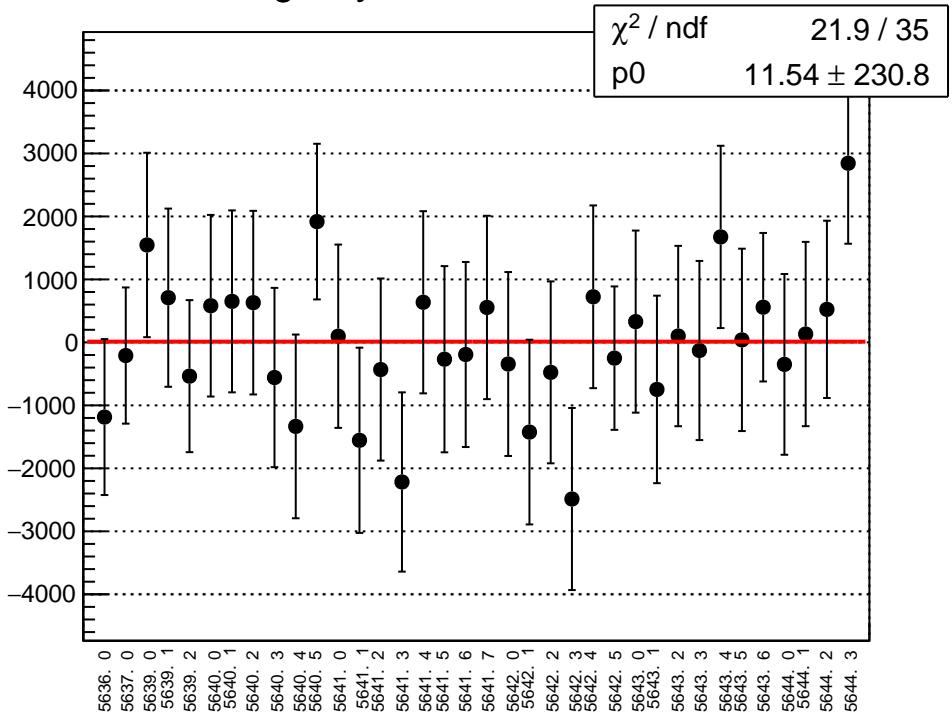
Std Dev 0.9419



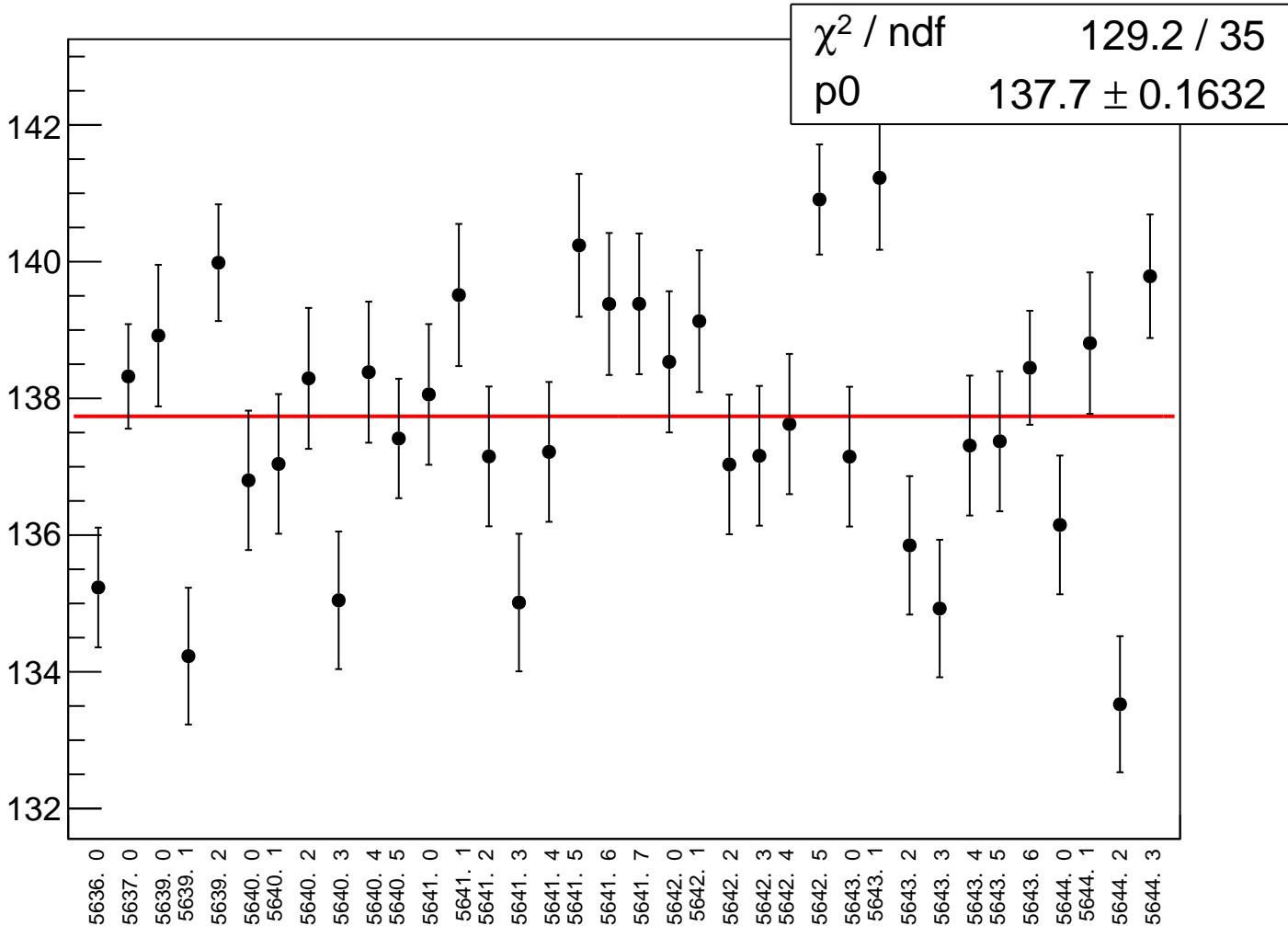
# asym\_dsl\_rms vs run



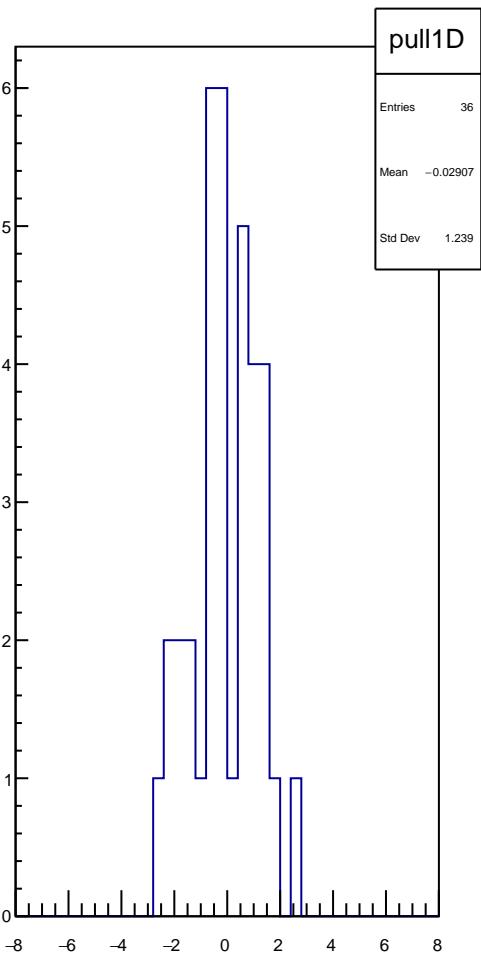
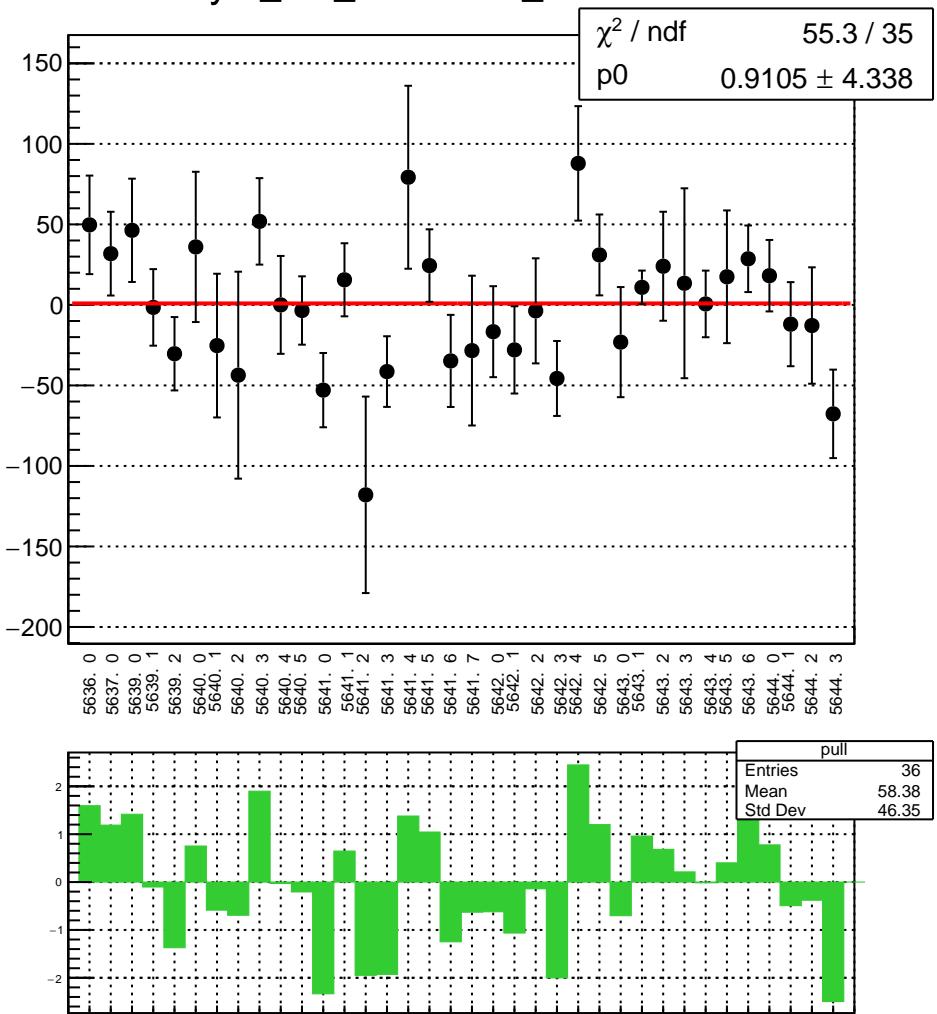
# reg\_asym\_dsr\_mean vs run



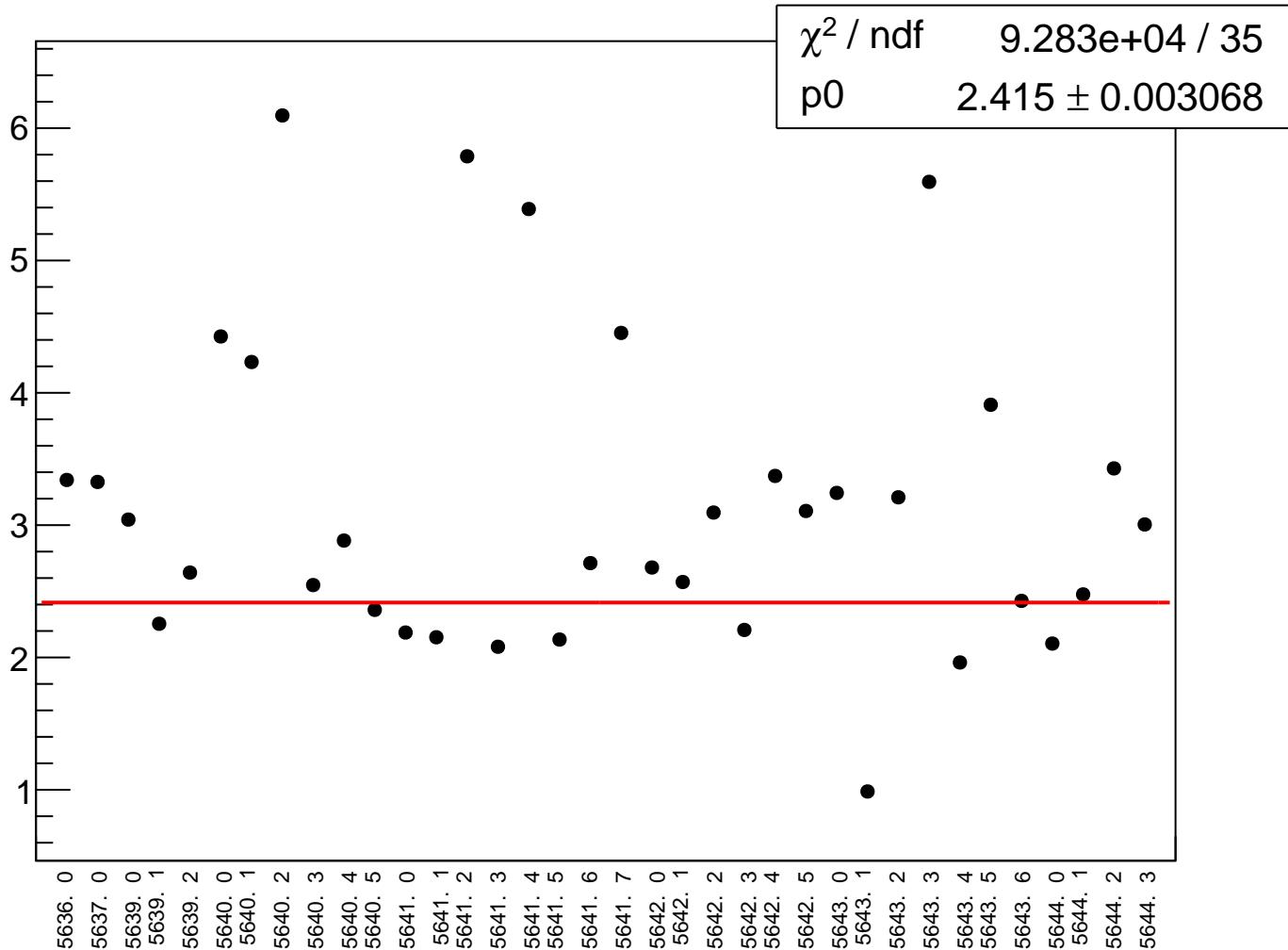
# reg\_asym\_dsr\_rms vs run



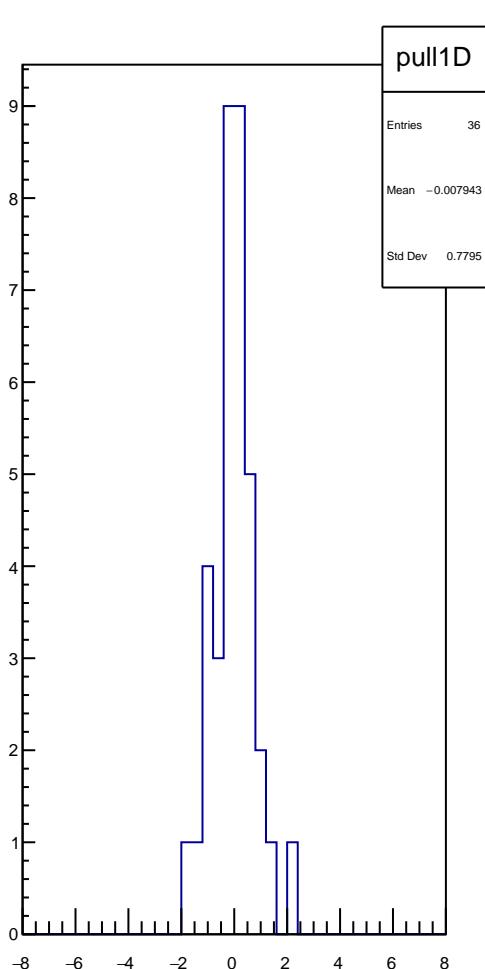
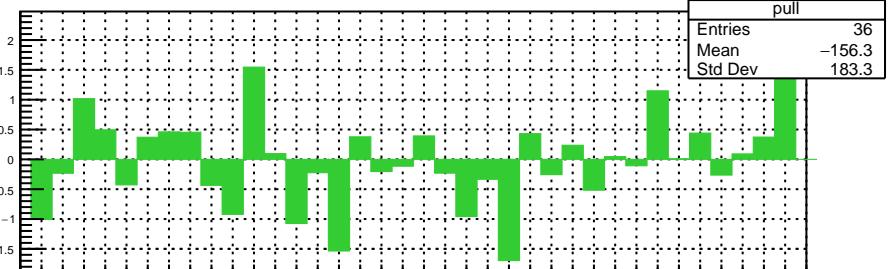
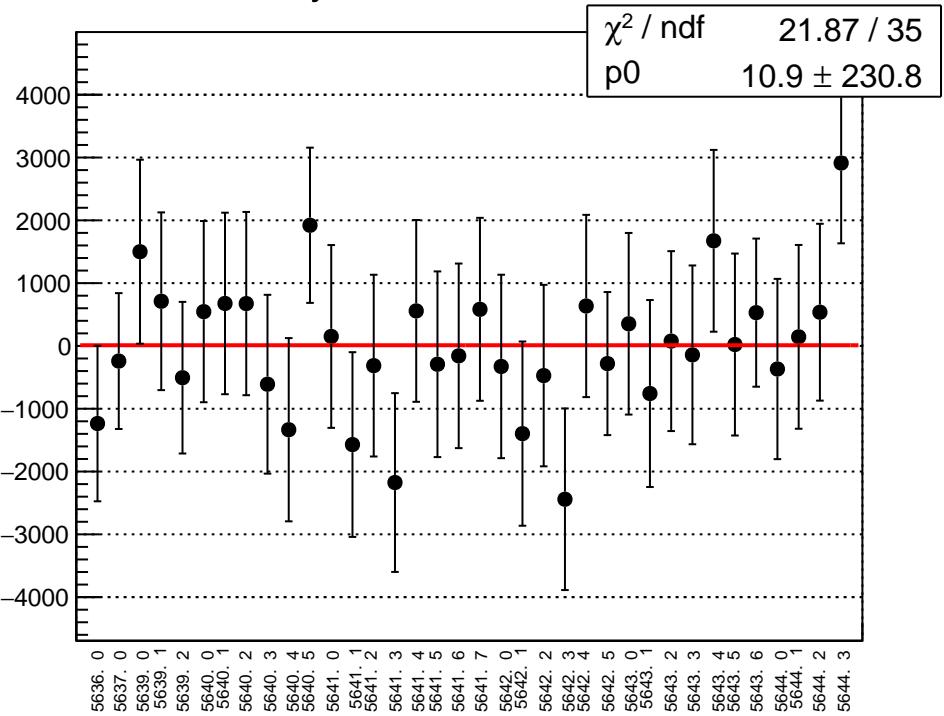
# asym\_dsr\_correction\_mean vs run



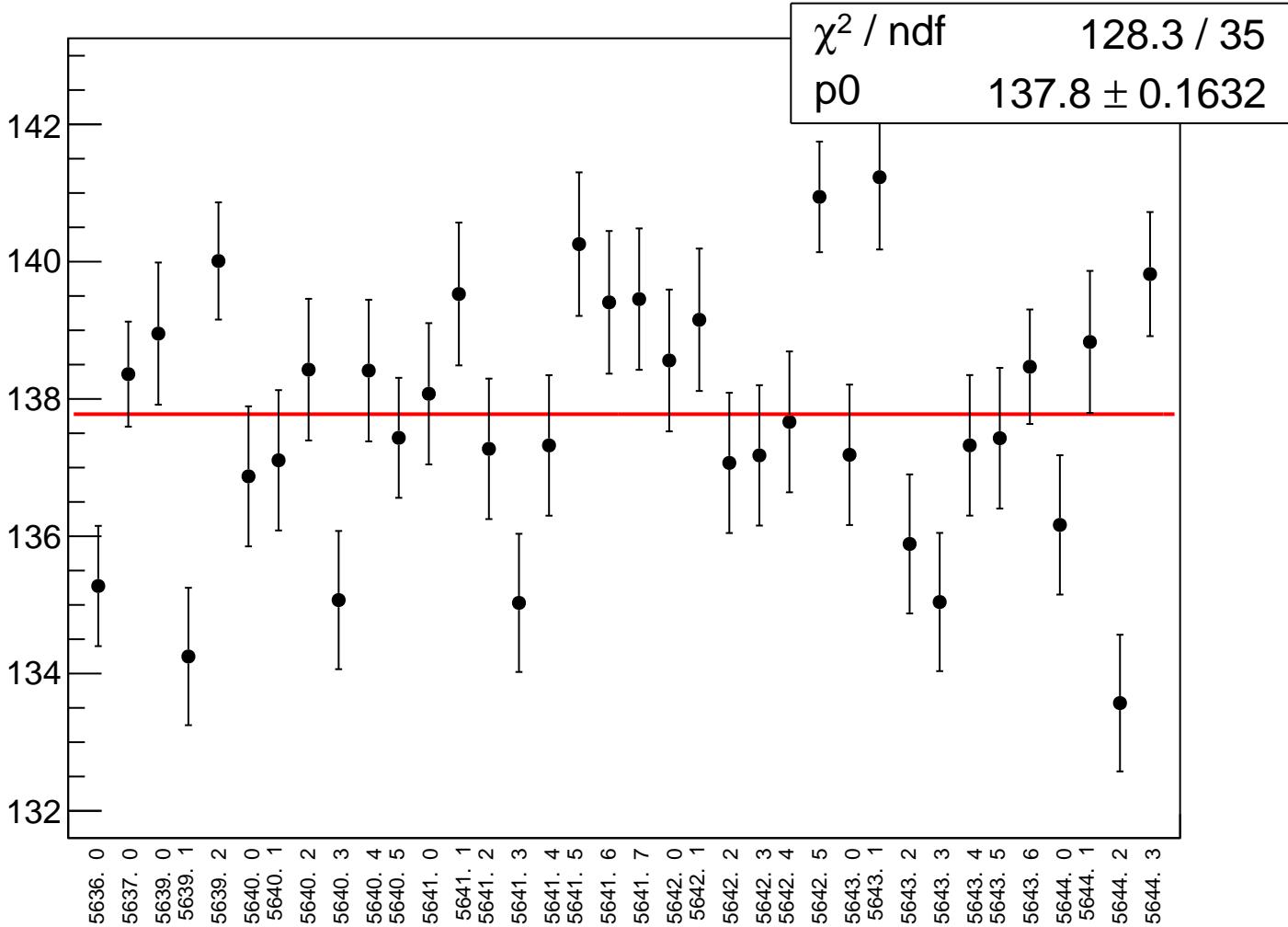
# asym\_dsr\_correction\_rms vs run



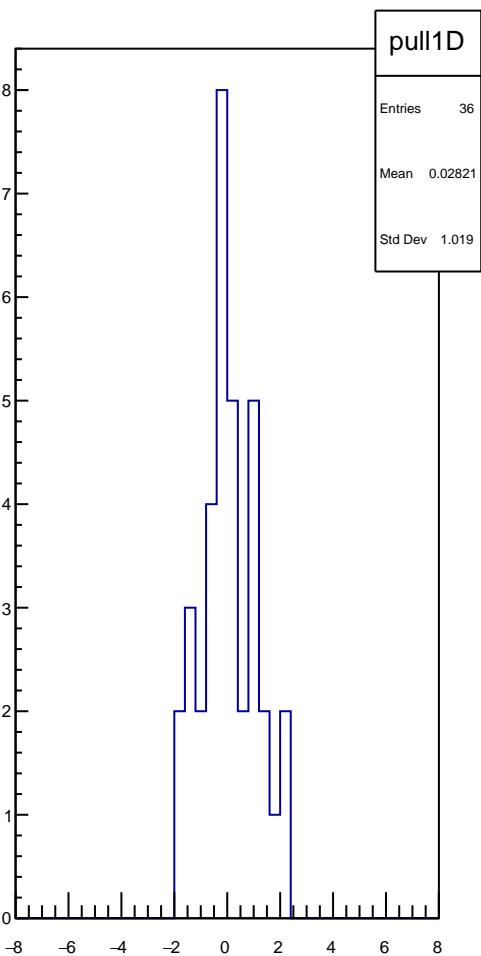
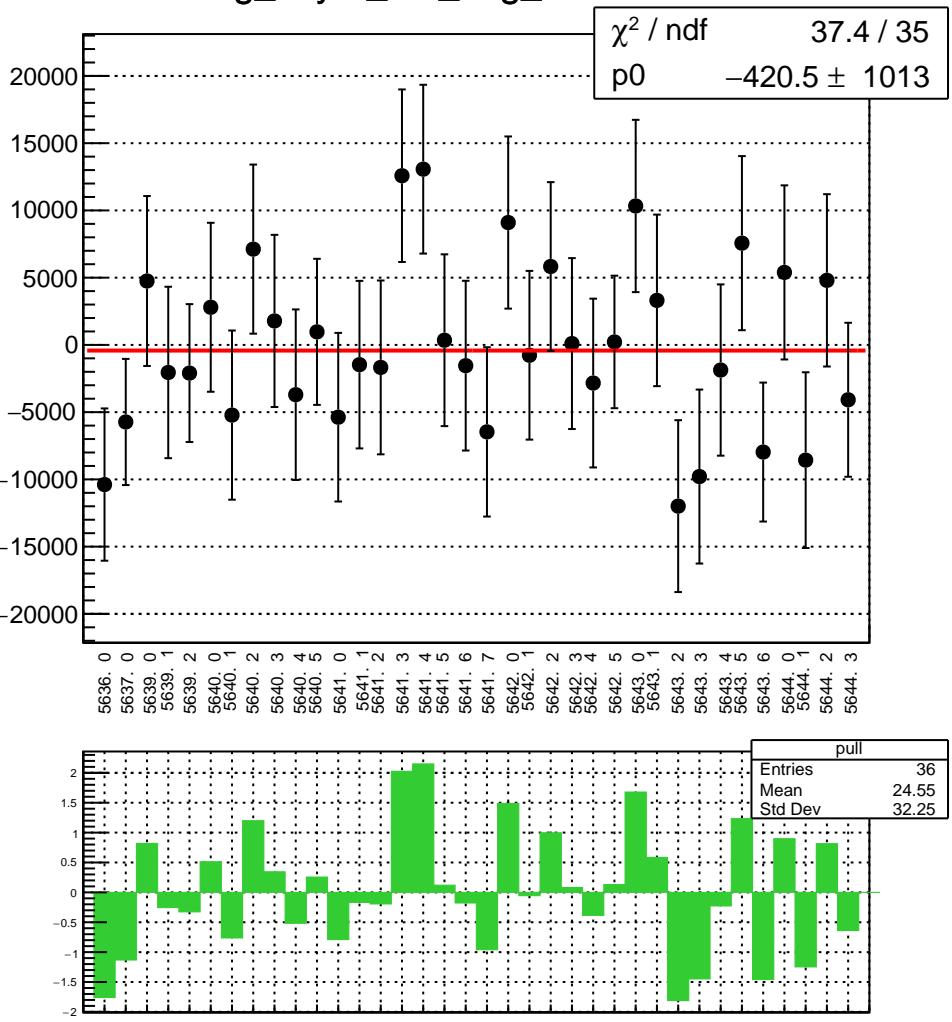
# asym\_dsr\_mean vs run



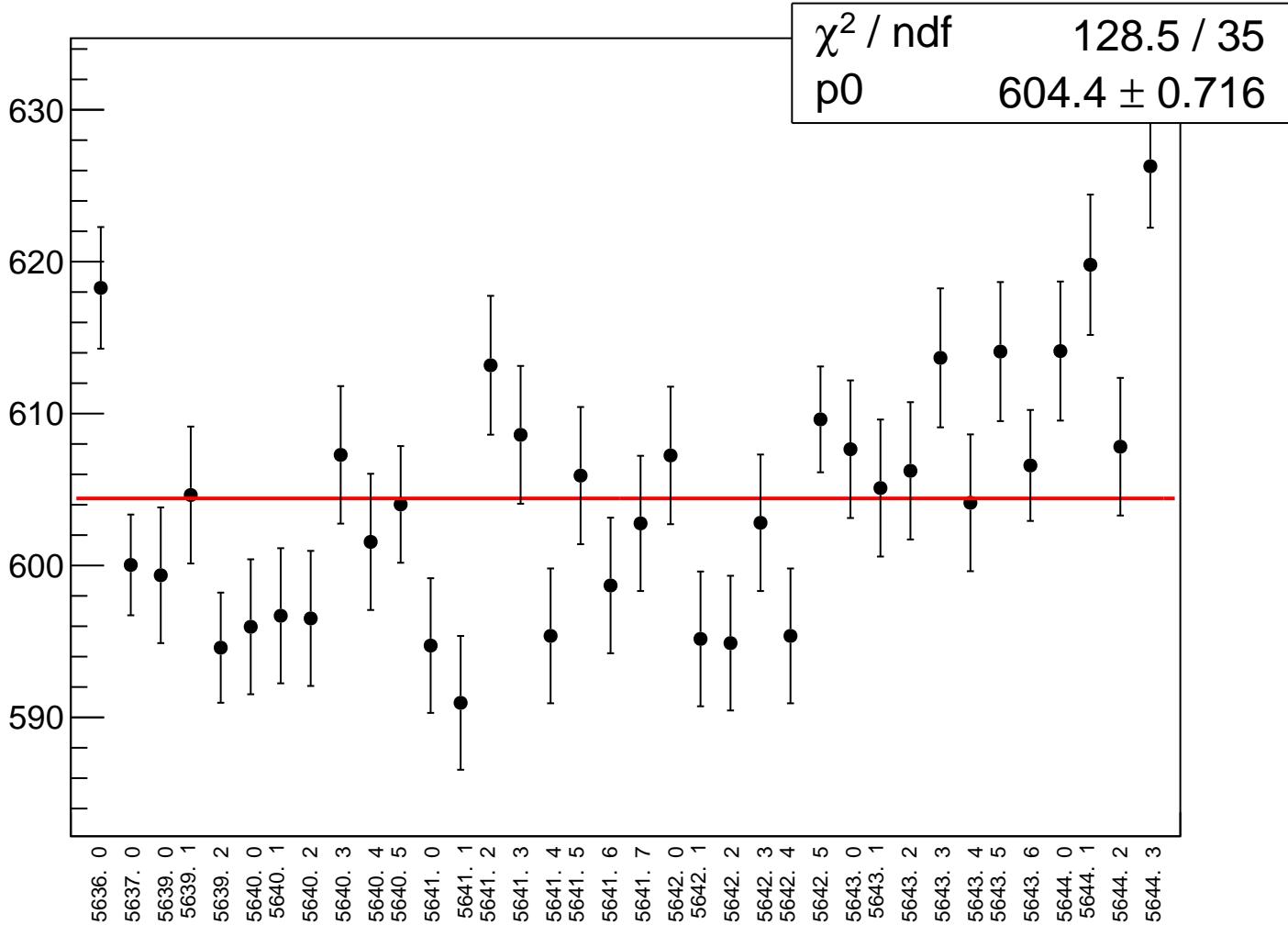
# asym\_dsr\_rms vs run



# reg\_asym\_left\_avg\_mean vs run

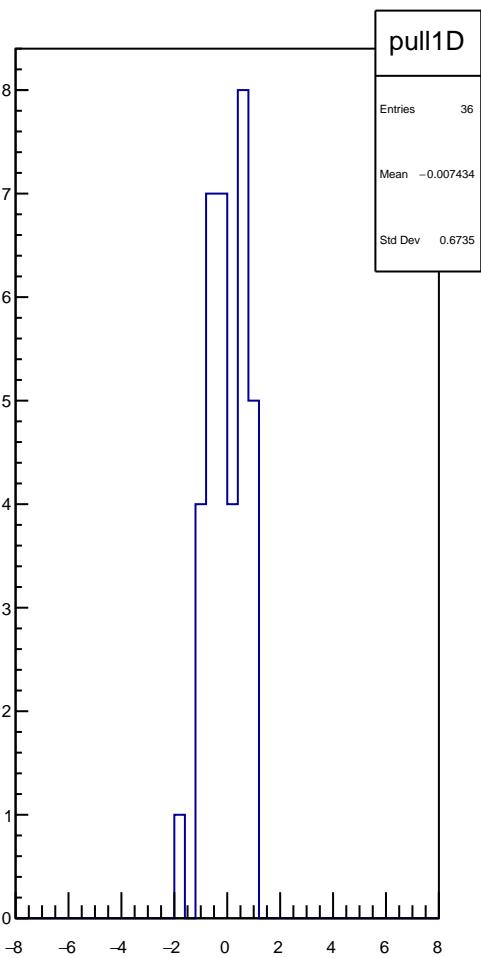
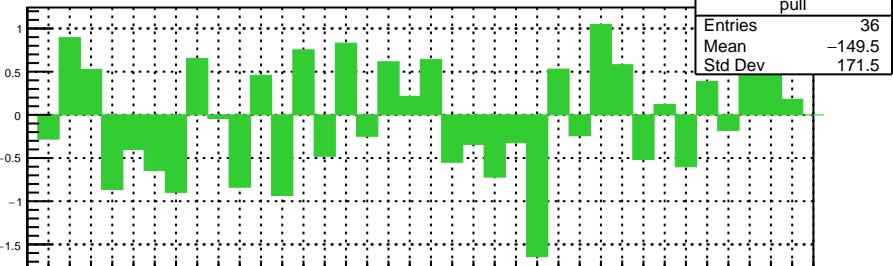
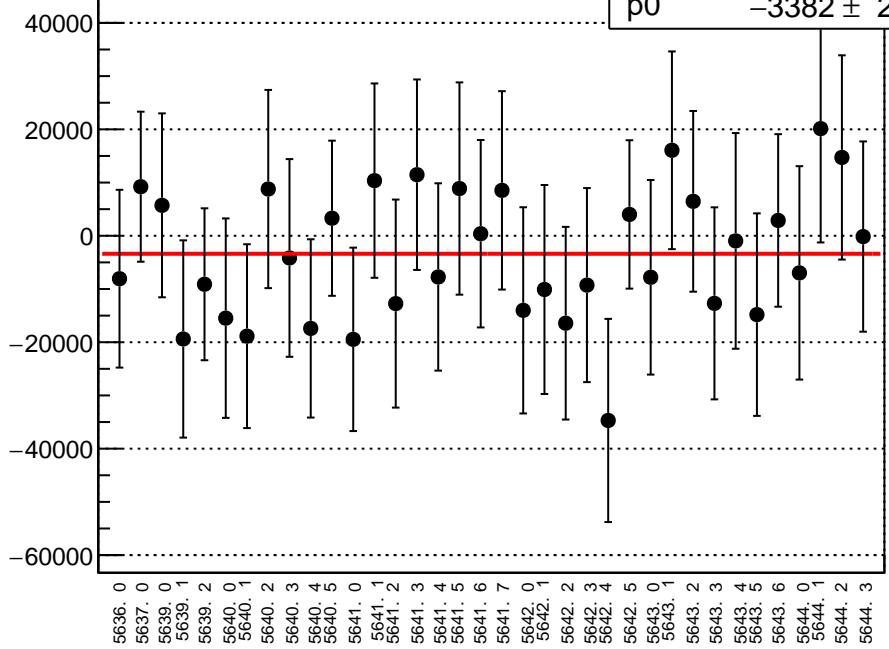


# reg\_asym\_left\_avg\_rms vs run

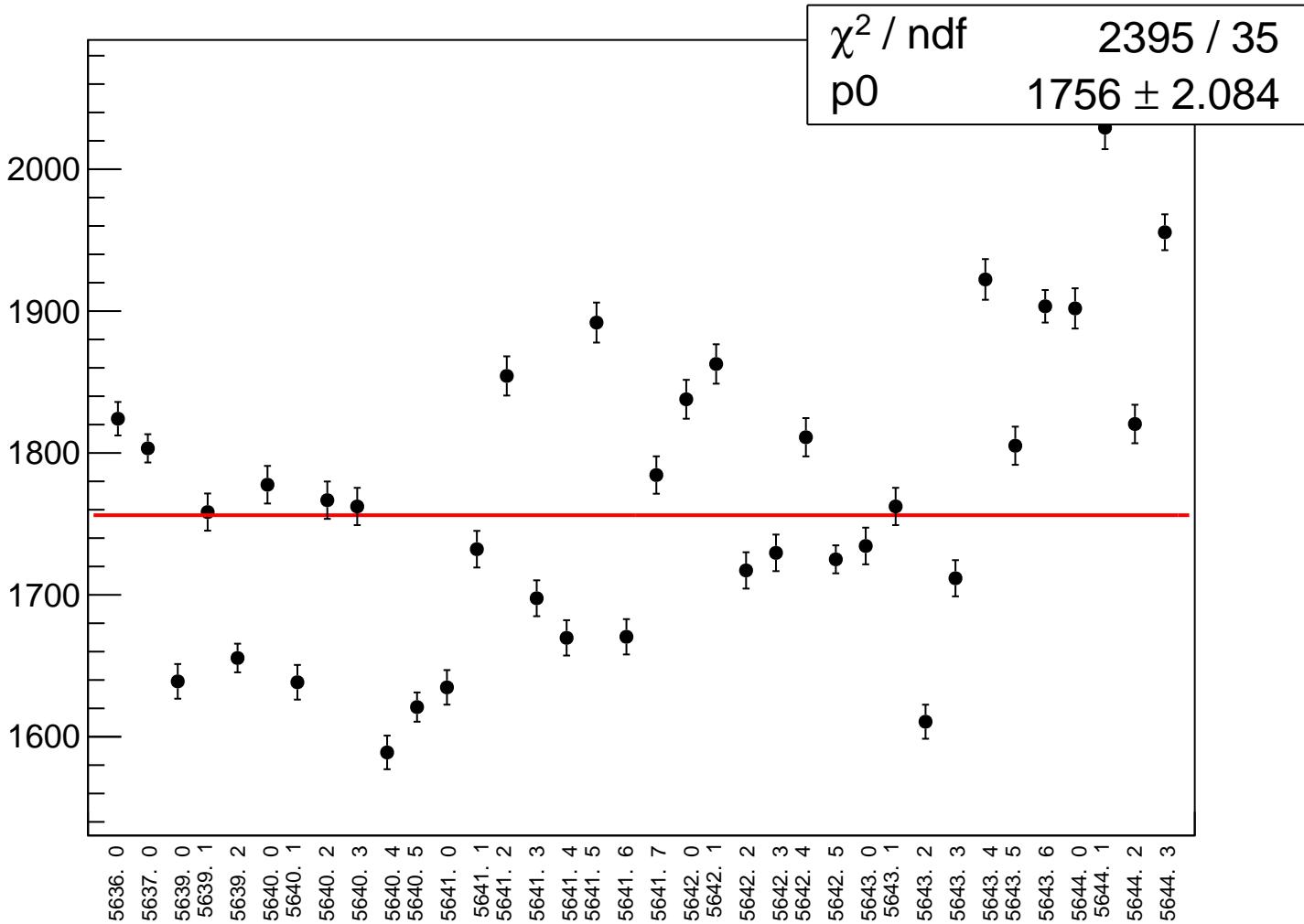


# asym\_left\_avg\_correction\_mean vs run

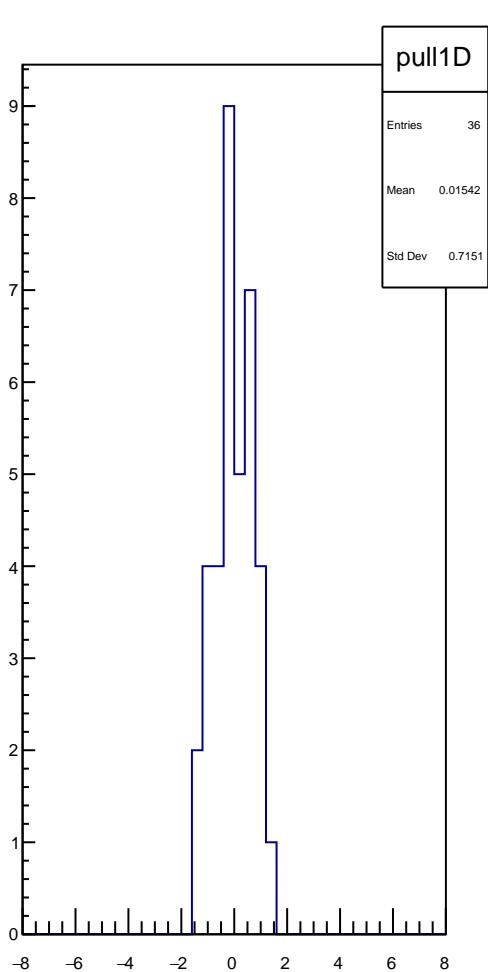
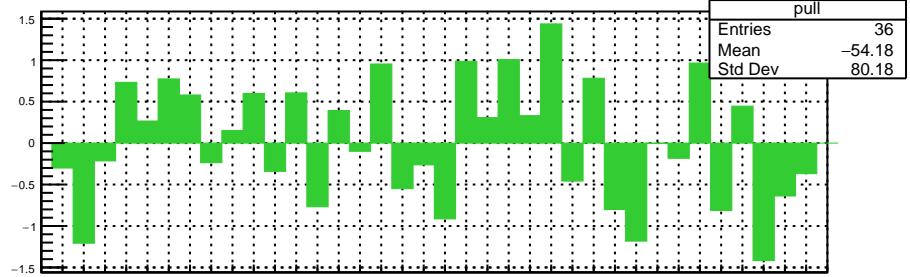
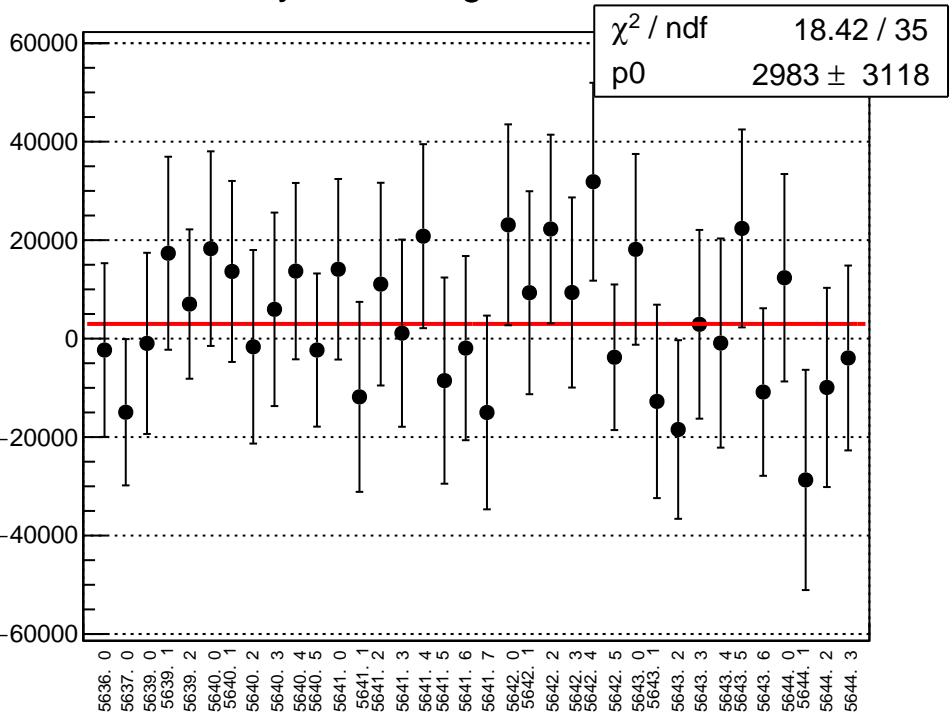
$\chi^2 / \text{ndf}$  16.33 / 35  
 $p0$   $-3382 \pm 2947$



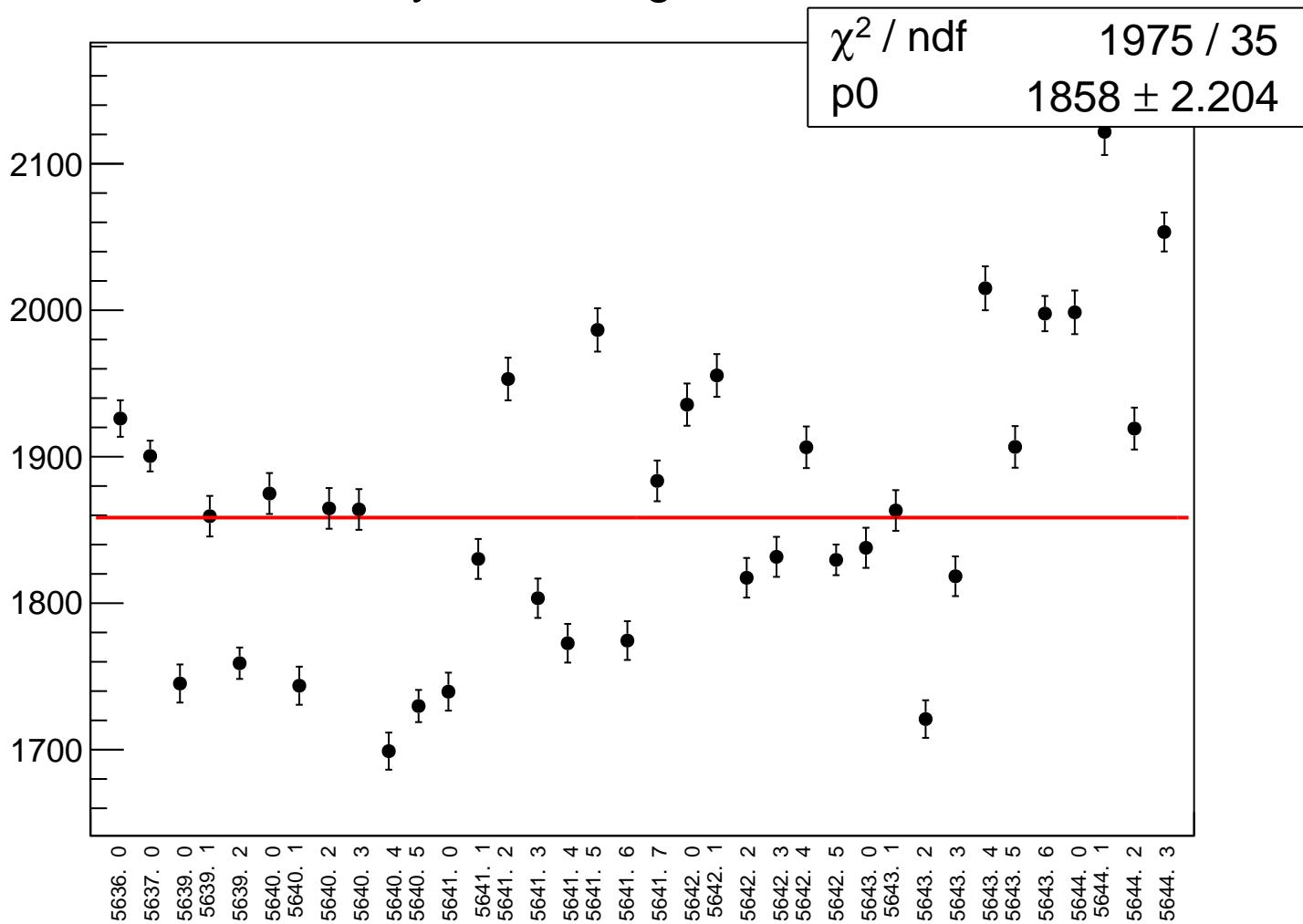
# asym\_left\_avg\_correction\_rms vs run



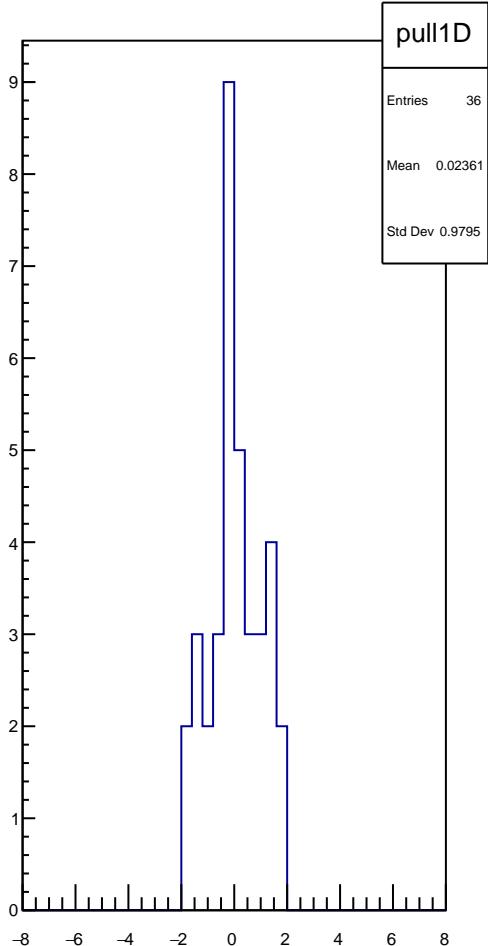
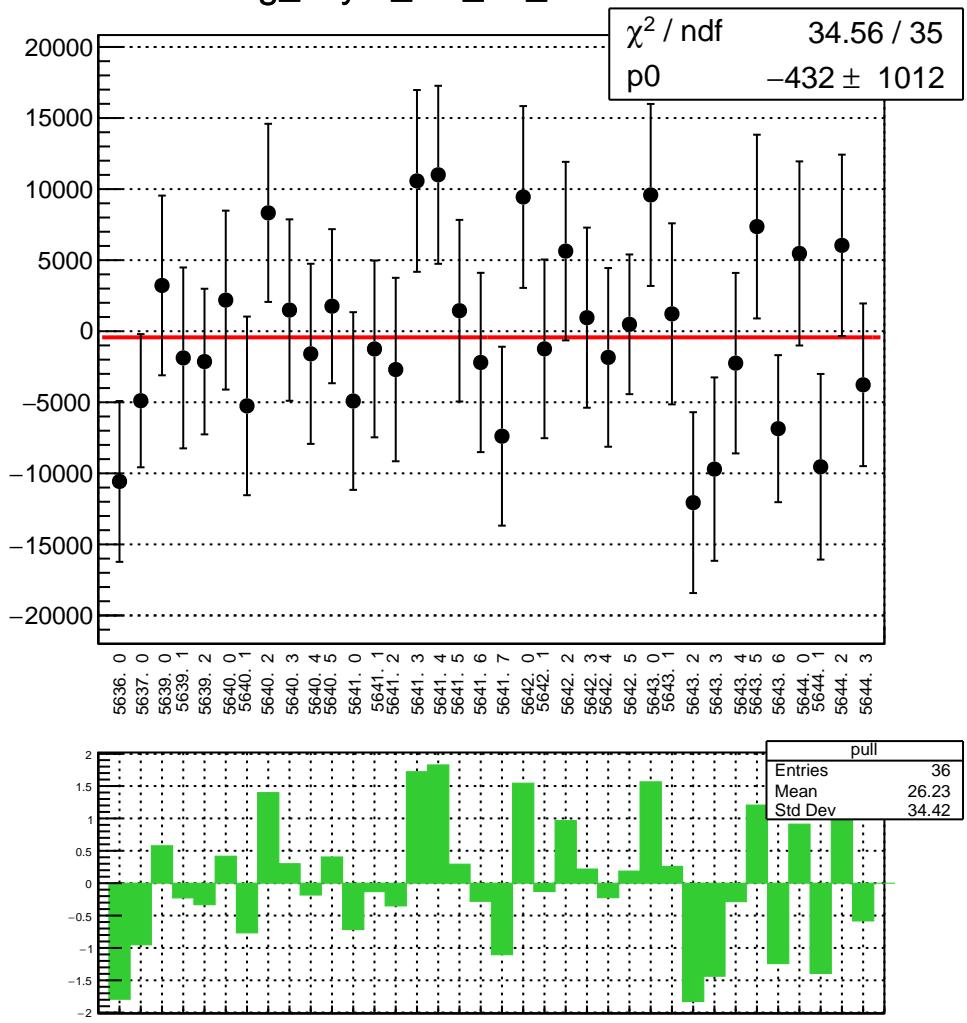
# asym\_left\_avg\_mean vs run



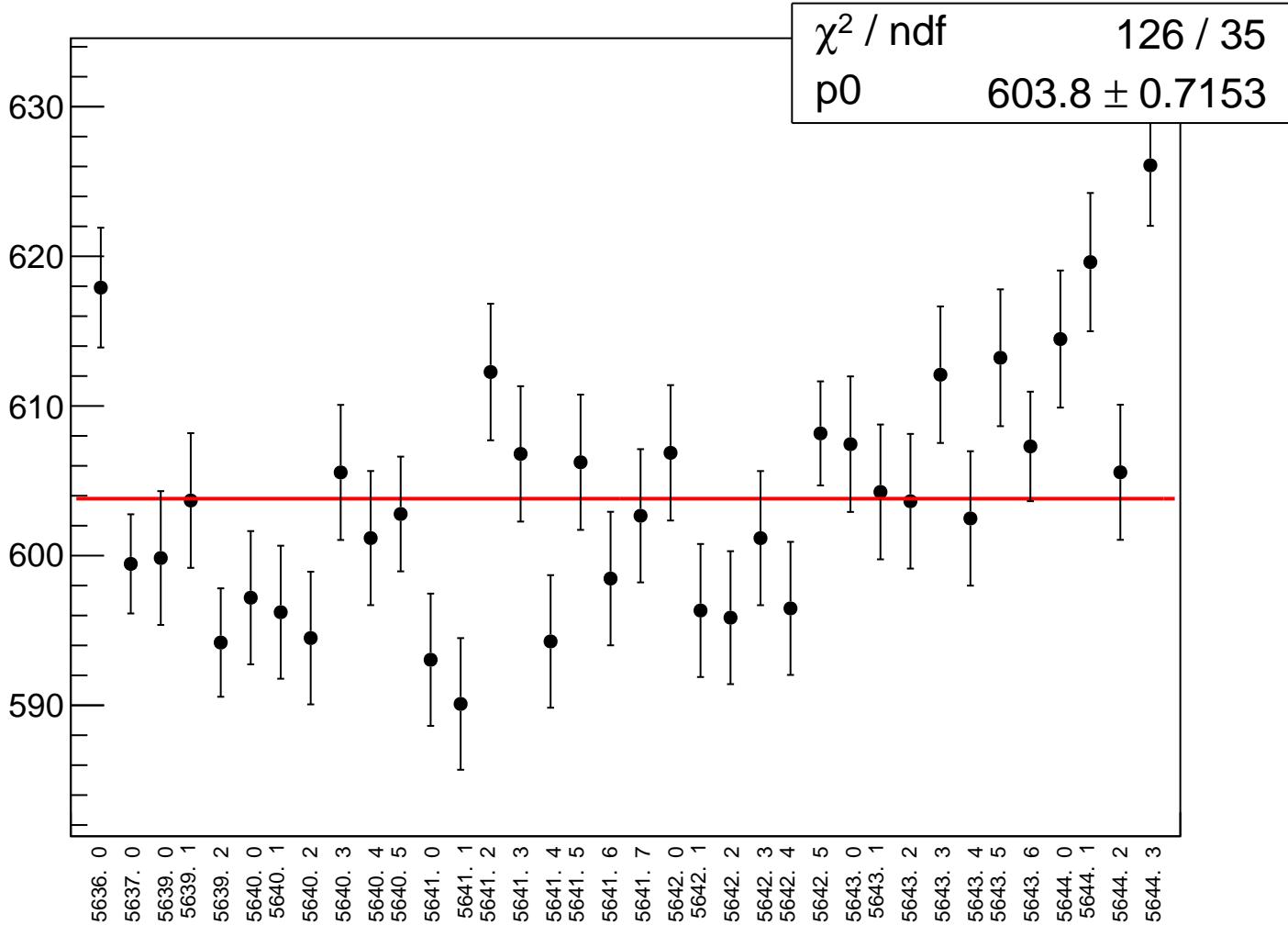
# asym\_left\_avg\_rms vs run



# reg\_asym\_left\_dd\_mean vs run



# reg\_asym\_left\_dd\_rms vs run



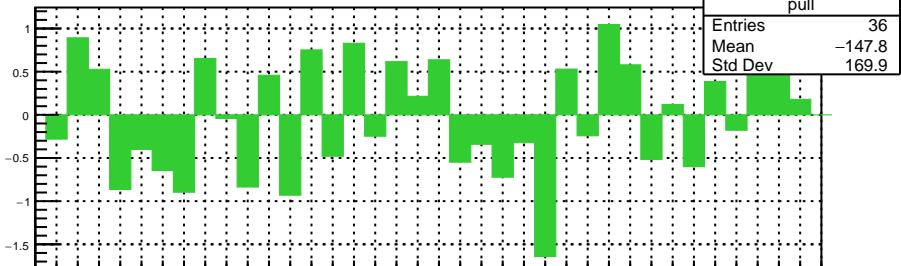
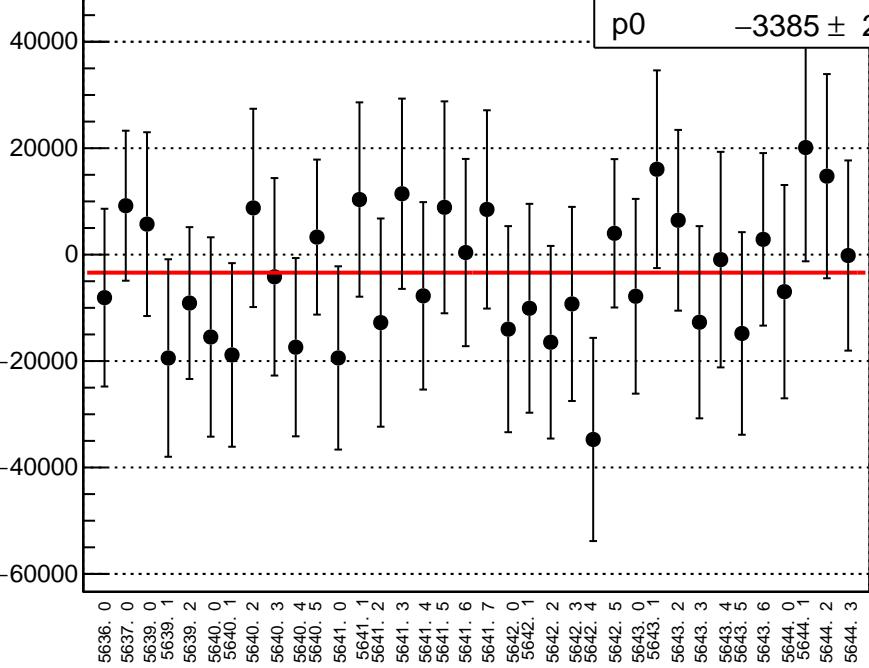
# asym\_left\_dd\_correction\_mean vs run

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

16.33 / 35

p0

$-3385 \pm 2946$

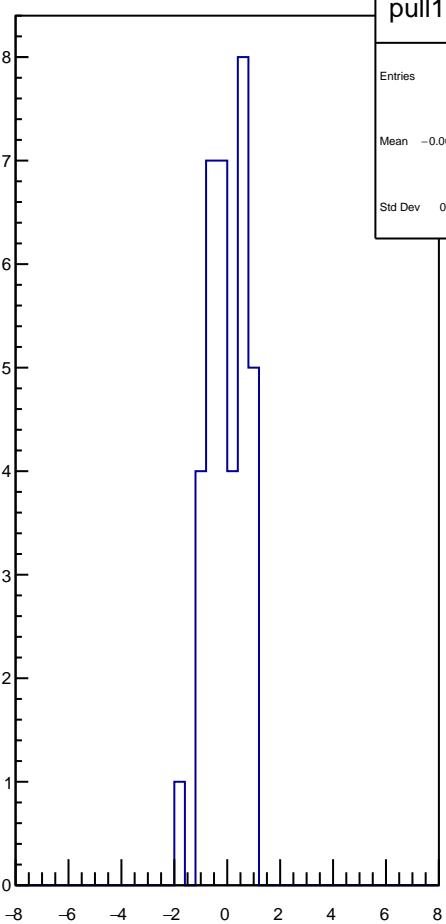


pull1D

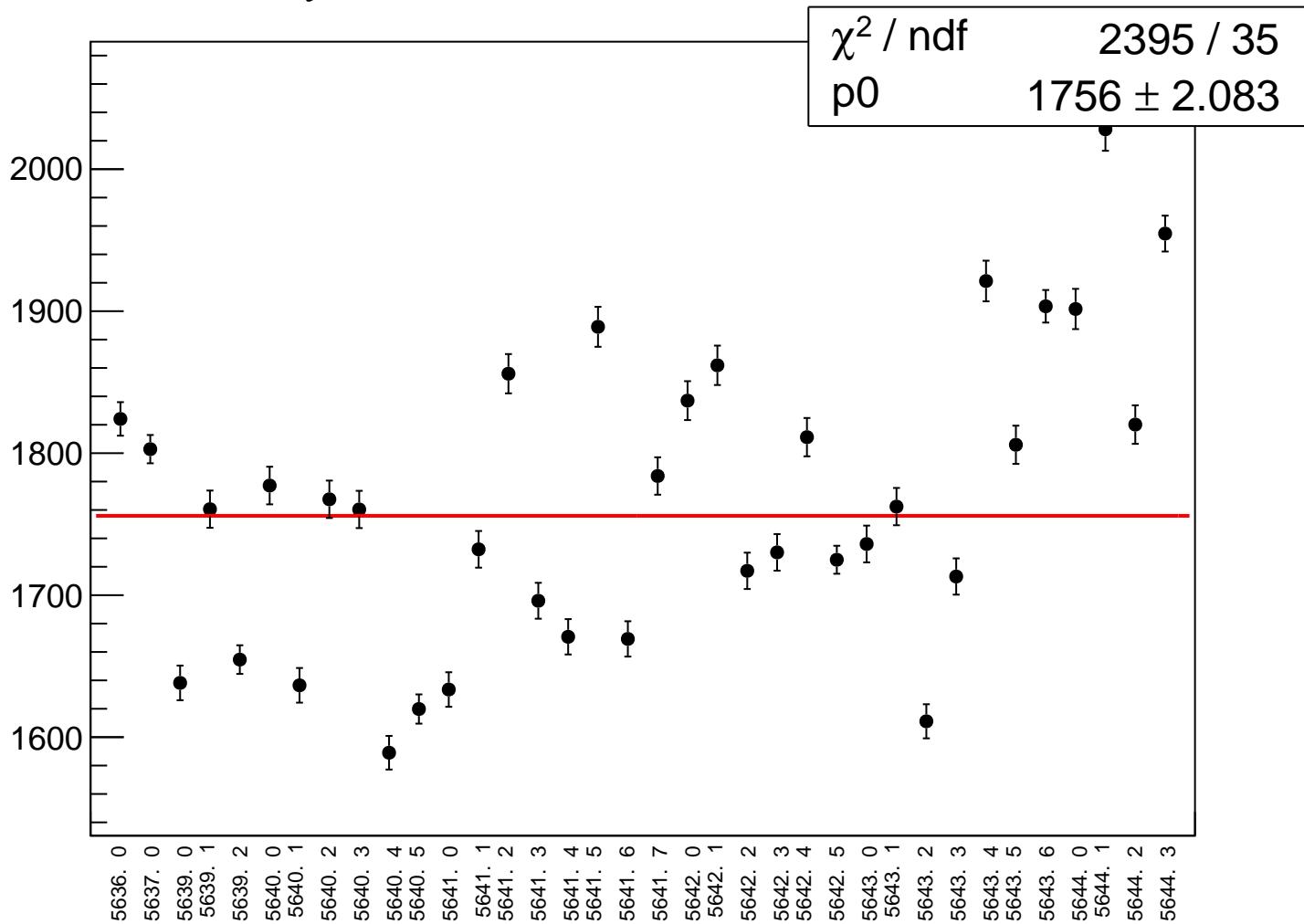
Entries 36

Mean -0.007511

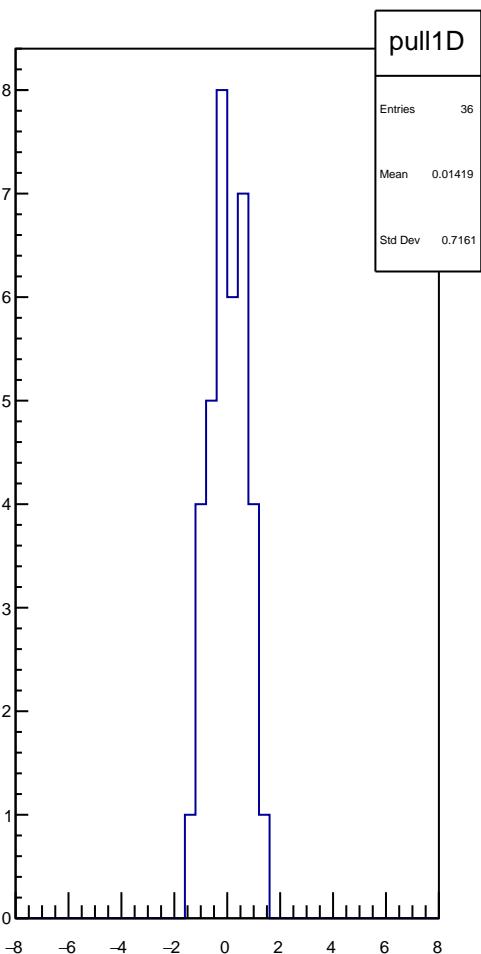
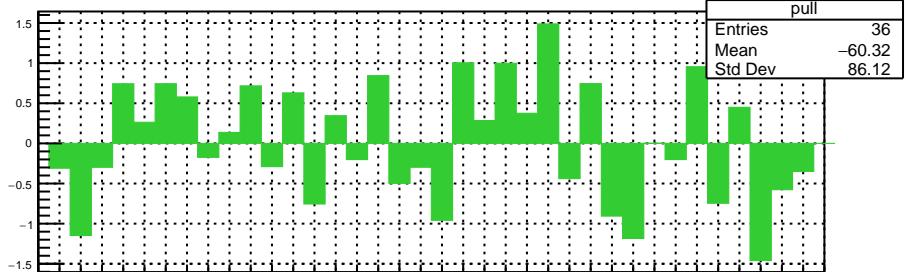
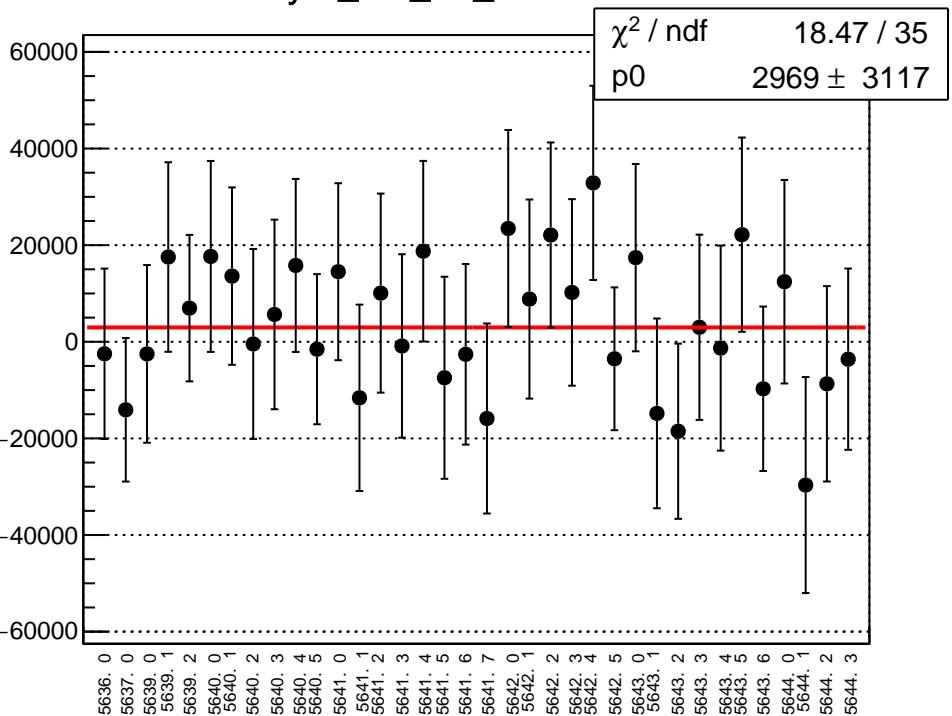
Std Dev 0.6735



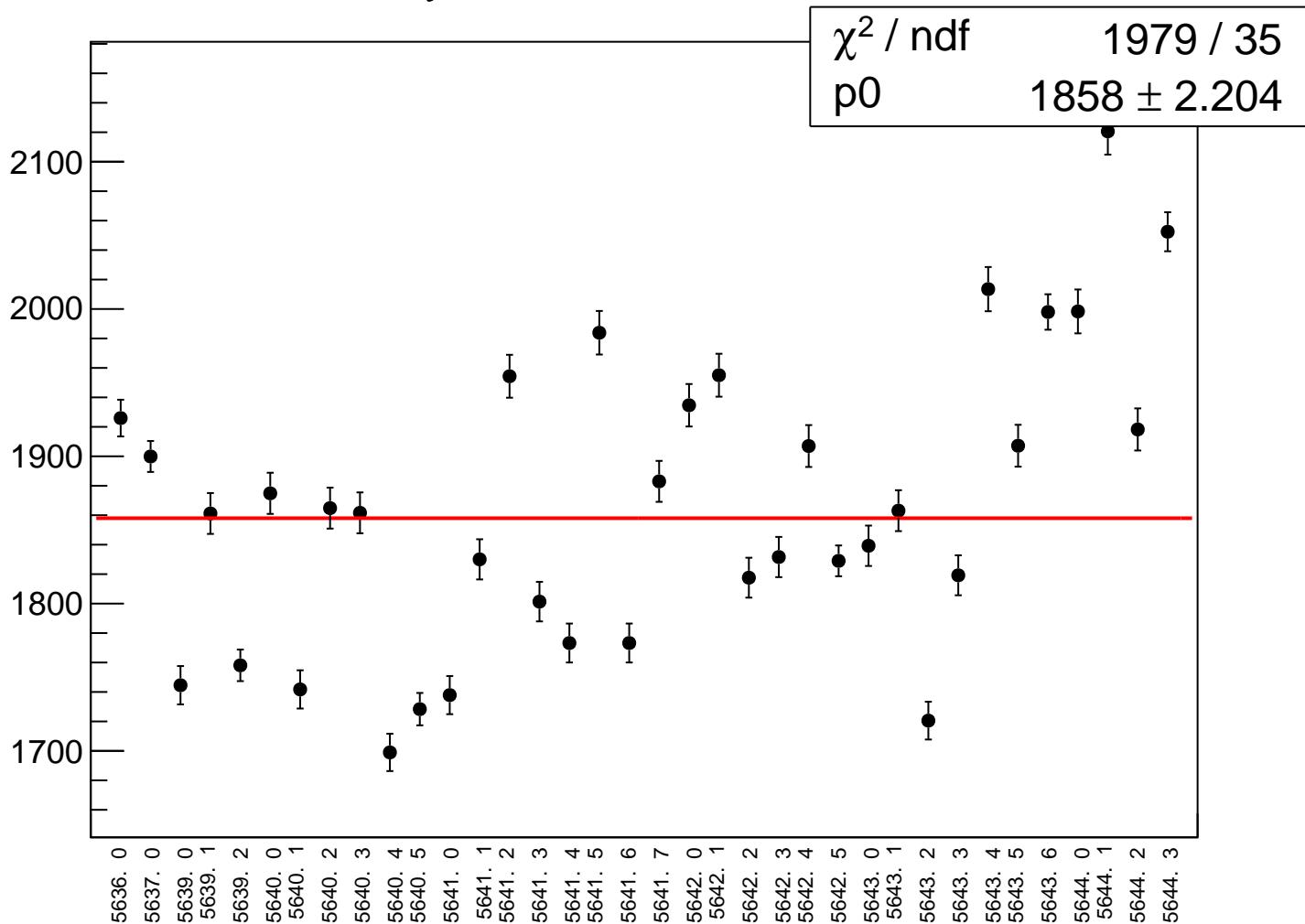
# asym\_left\_dd\_correction\_rms vs run



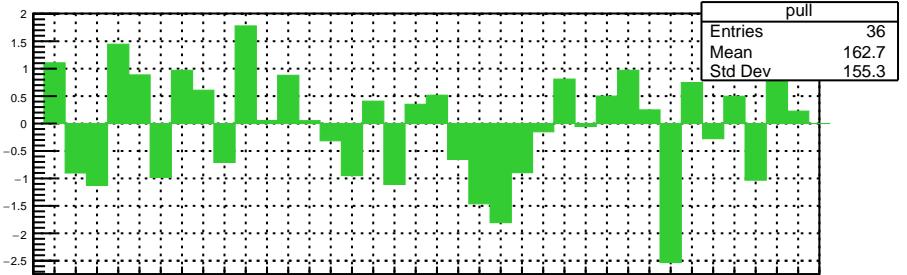
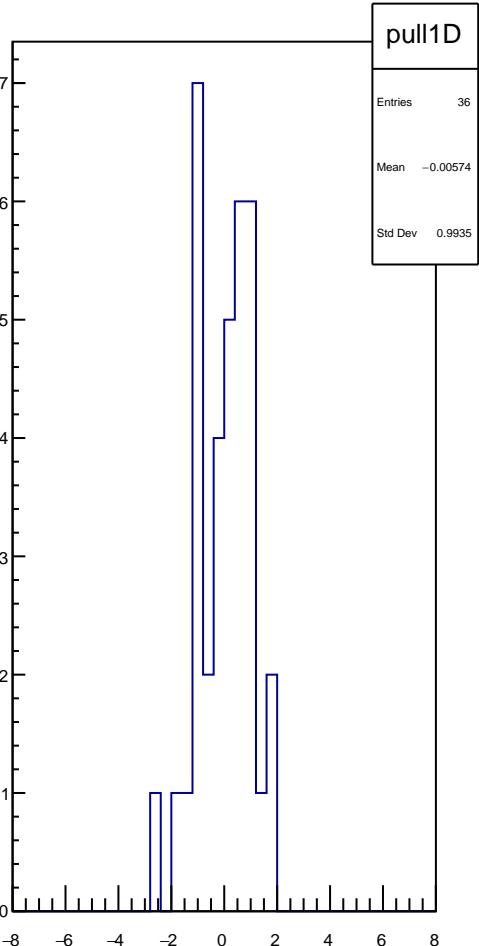
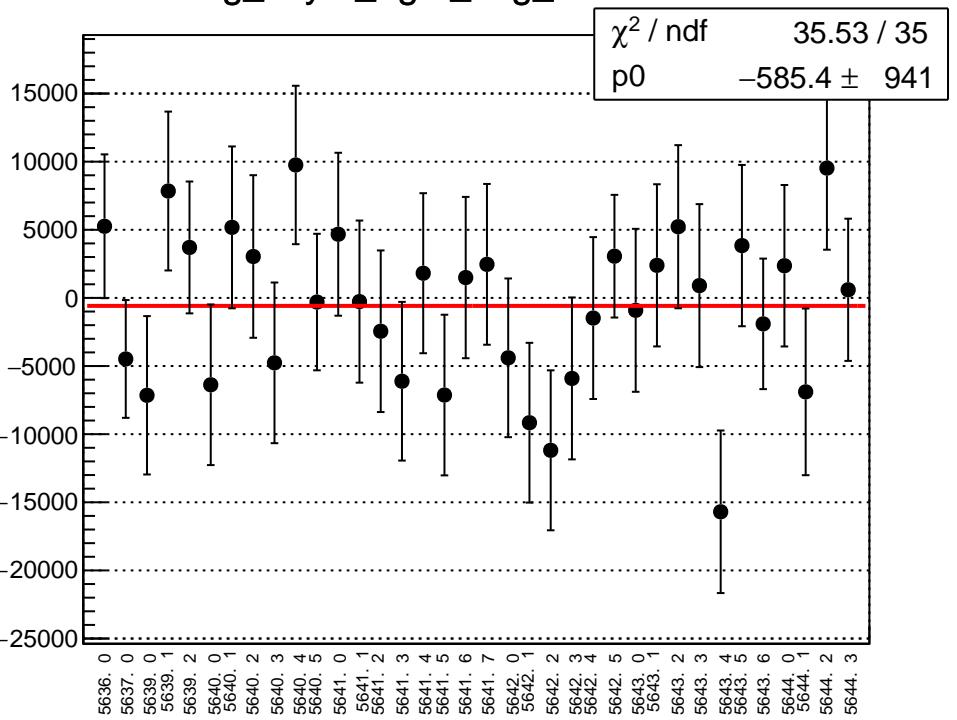
# asym\_left\_dd\_mean vs run



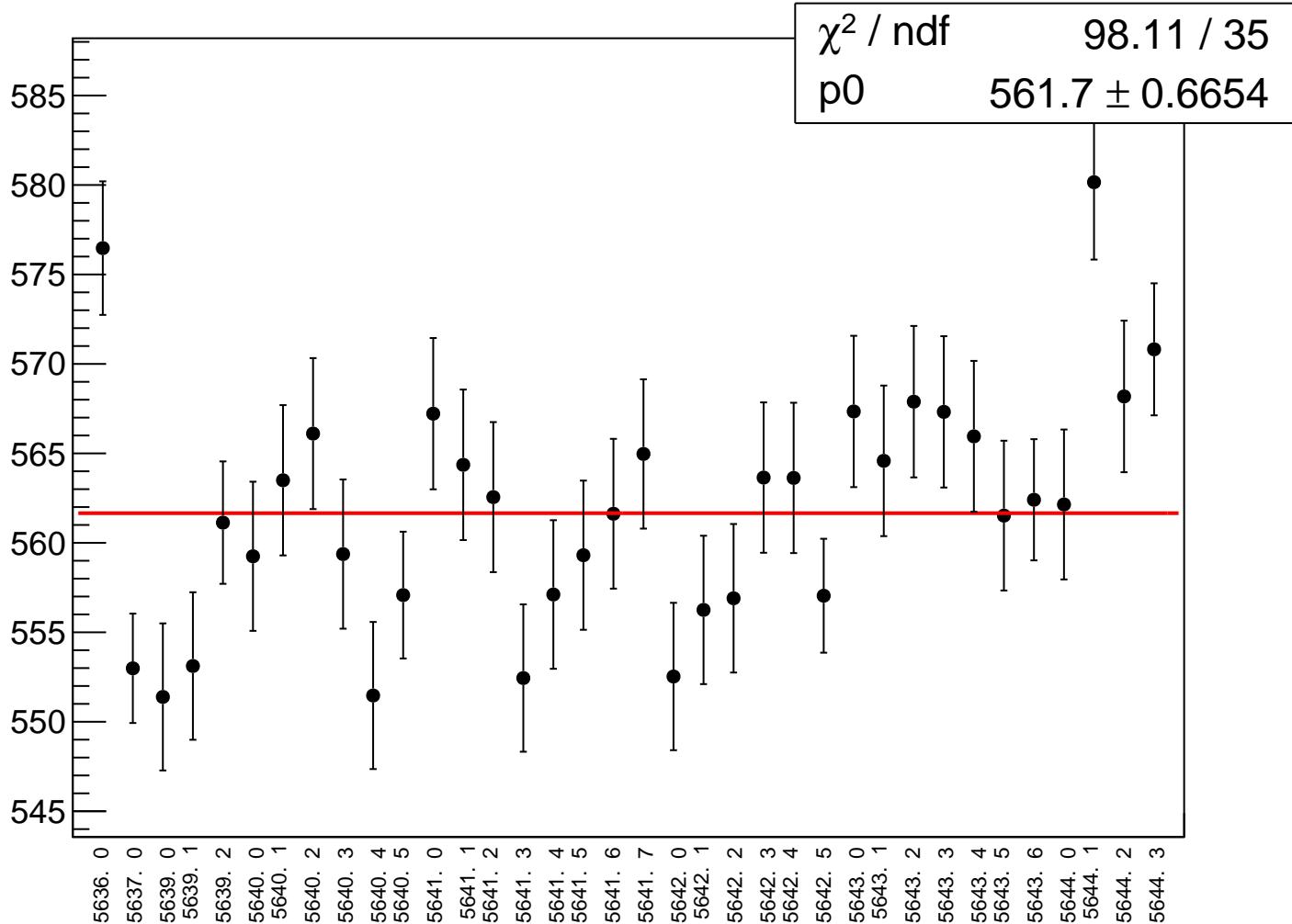
# asym\_left\_dd\_rms vs run



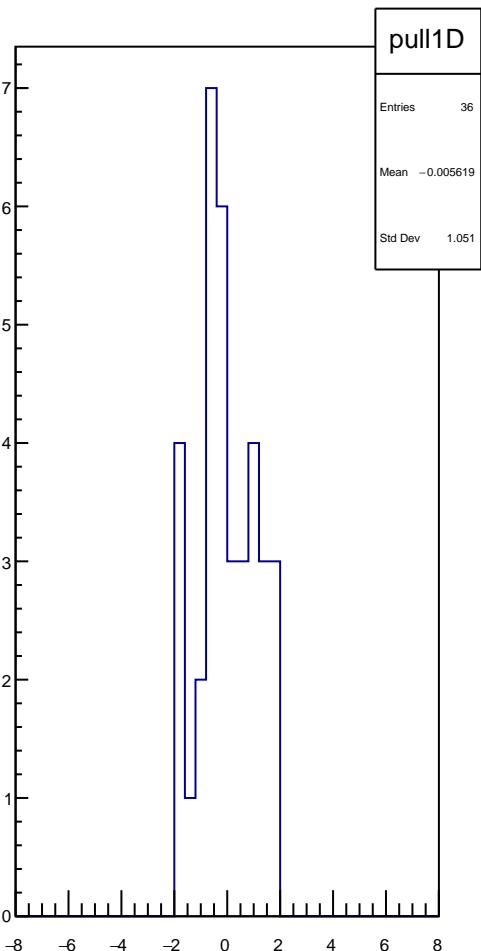
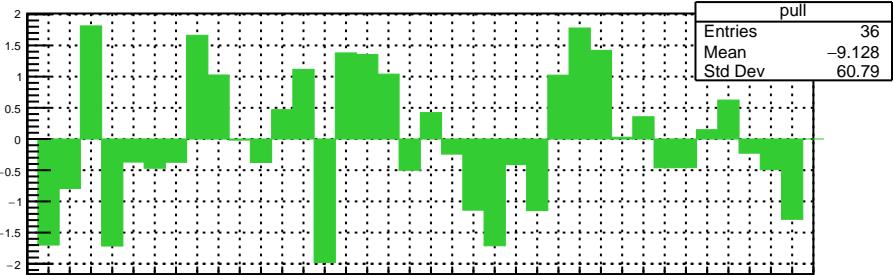
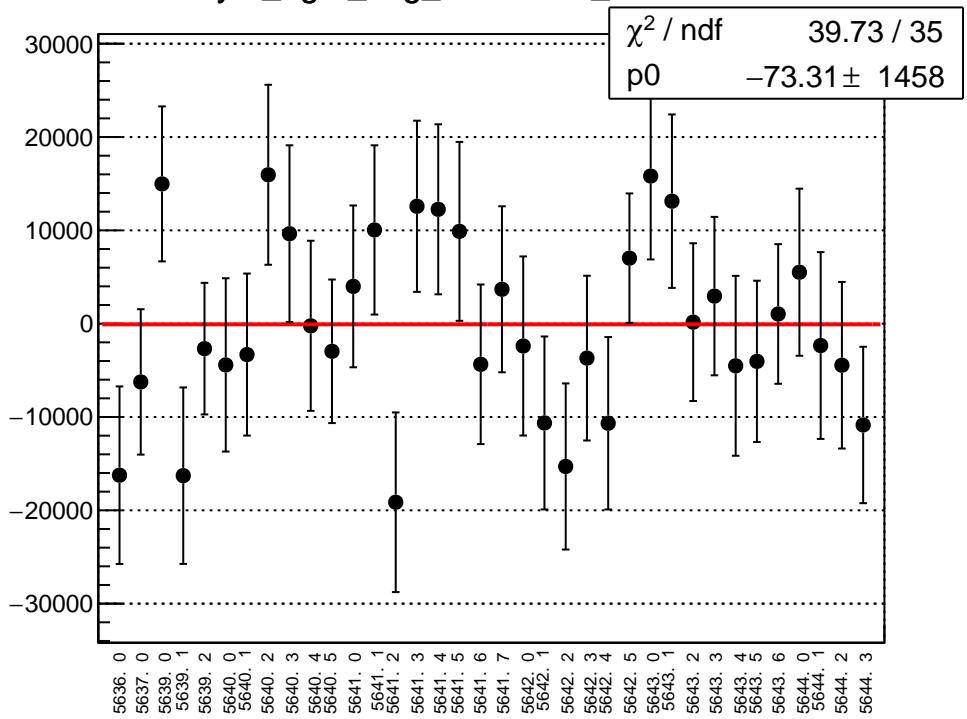
# reg\_asym\_right\_avg\_mean vs run



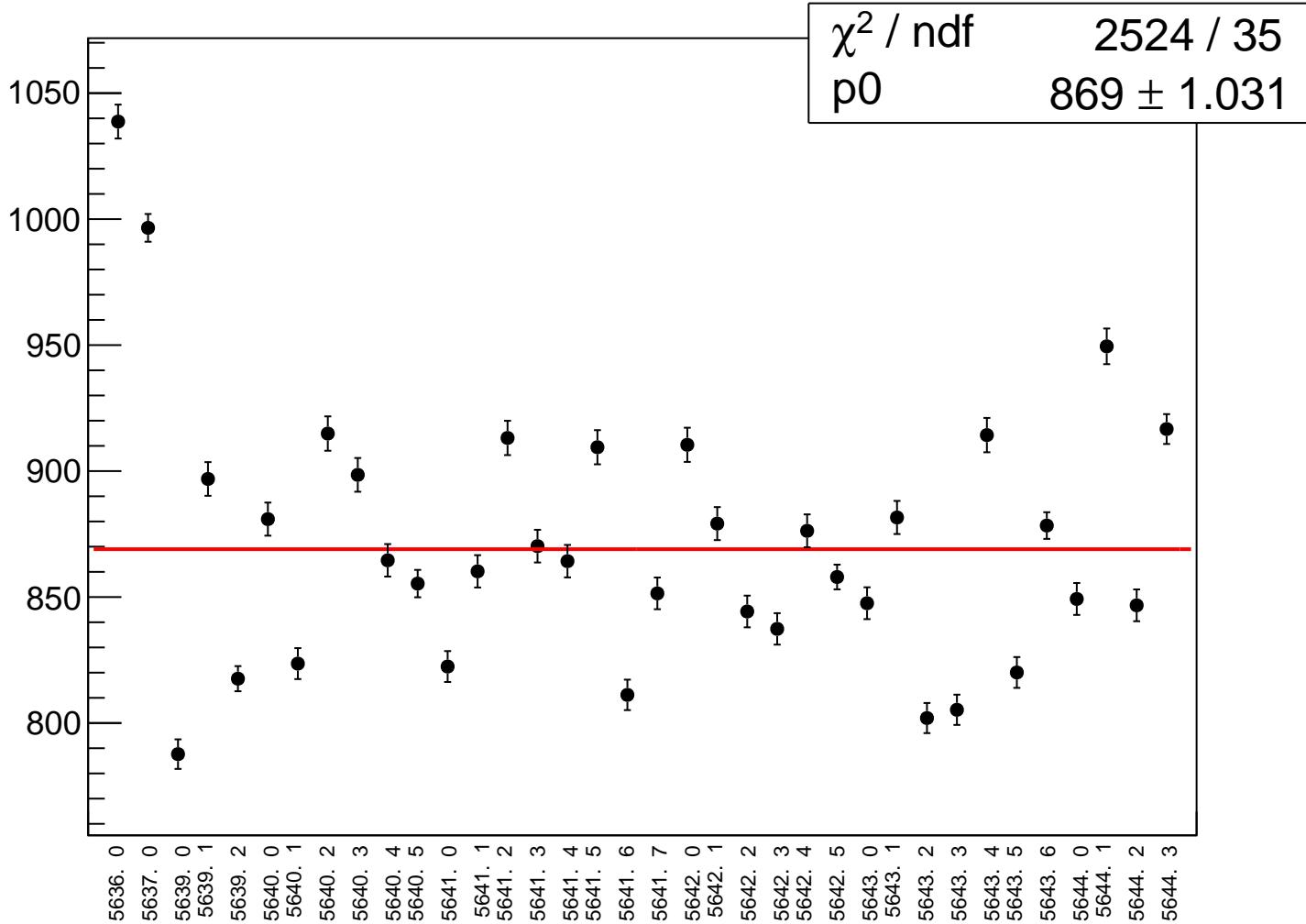
# reg\_asym\_right\_avg\_rms vs run



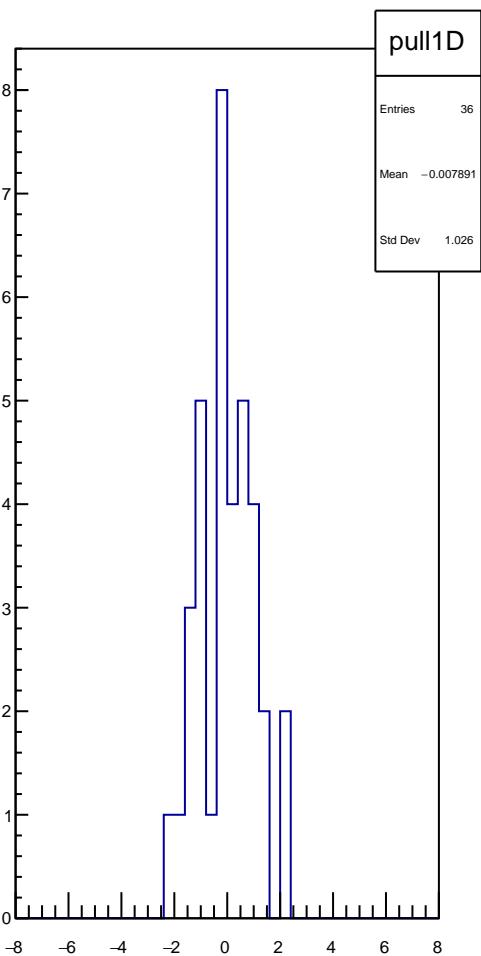
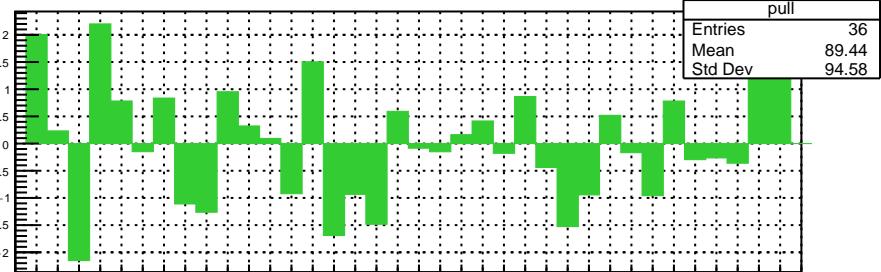
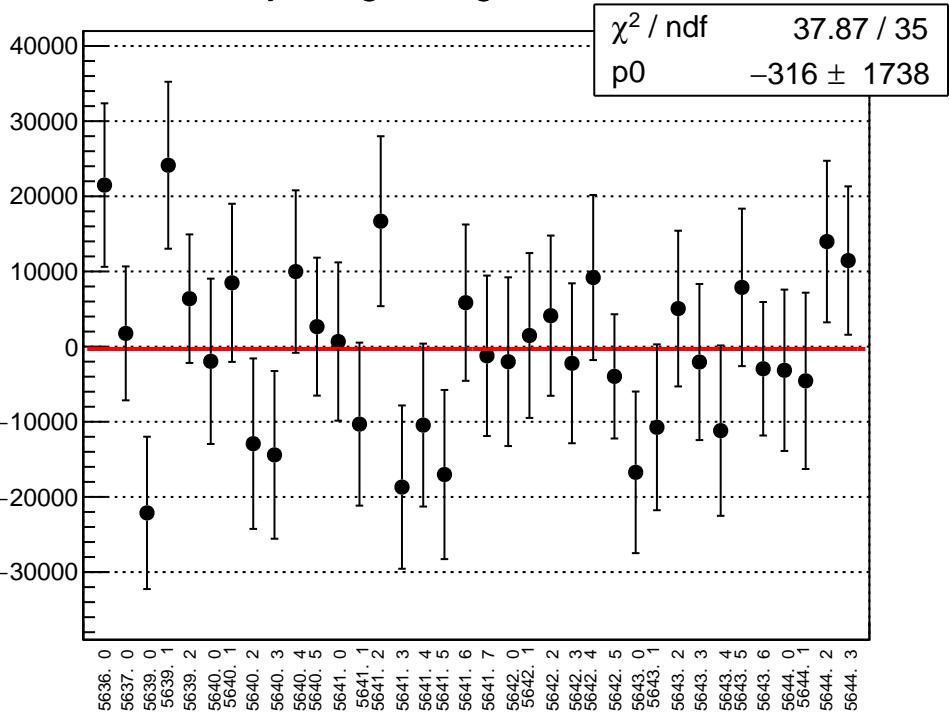
# asym\_right\_avg\_correction\_mean vs run



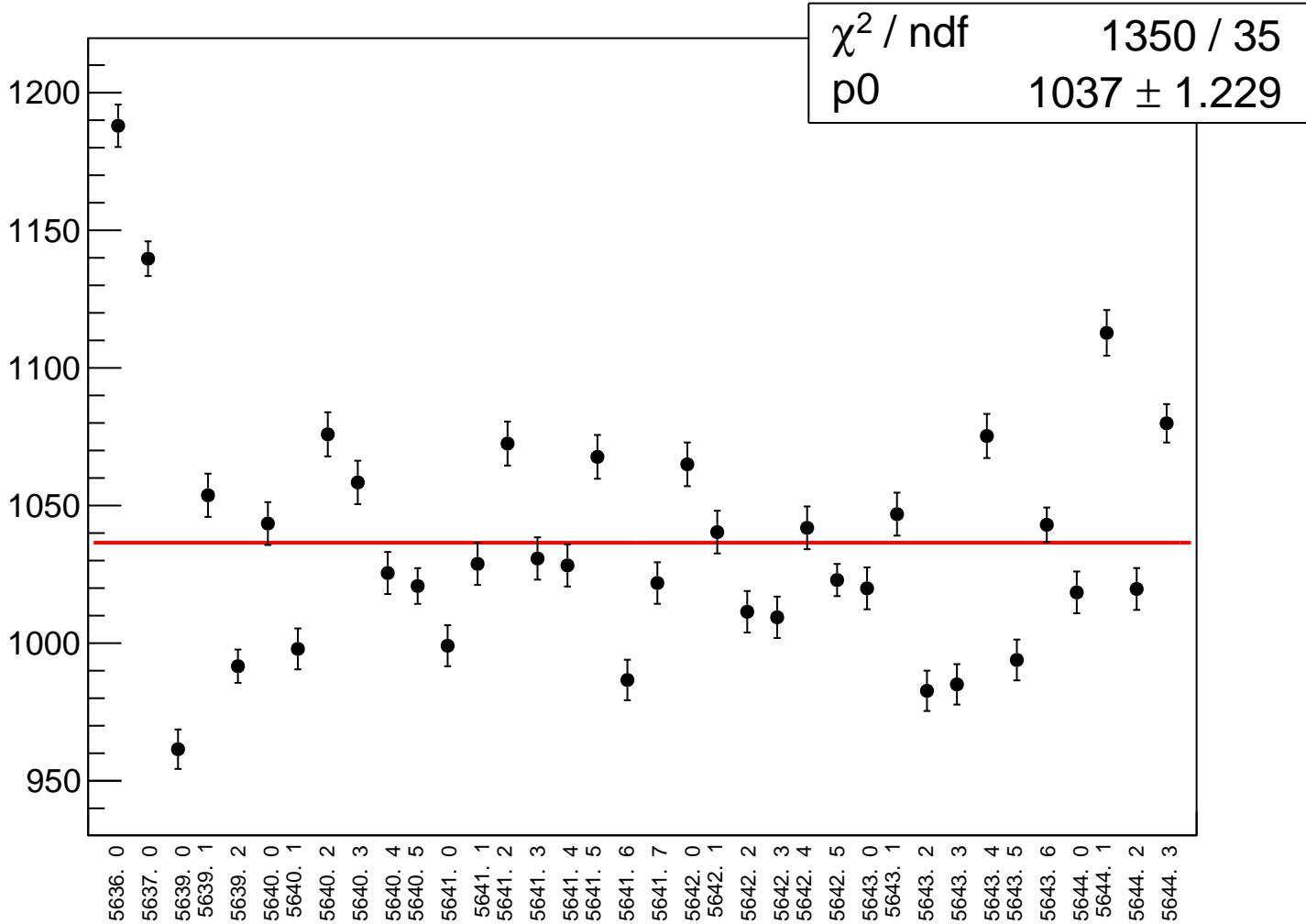
# asym\_right\_avg\_correction\_rms vs run



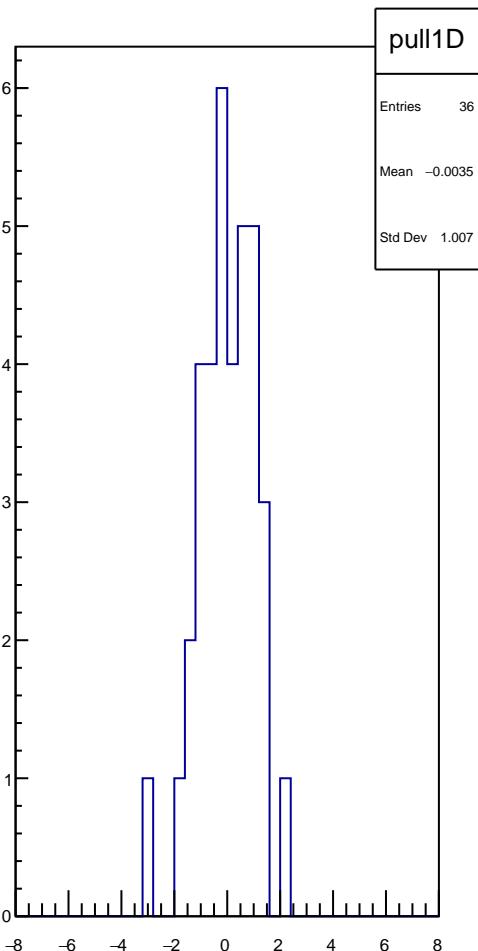
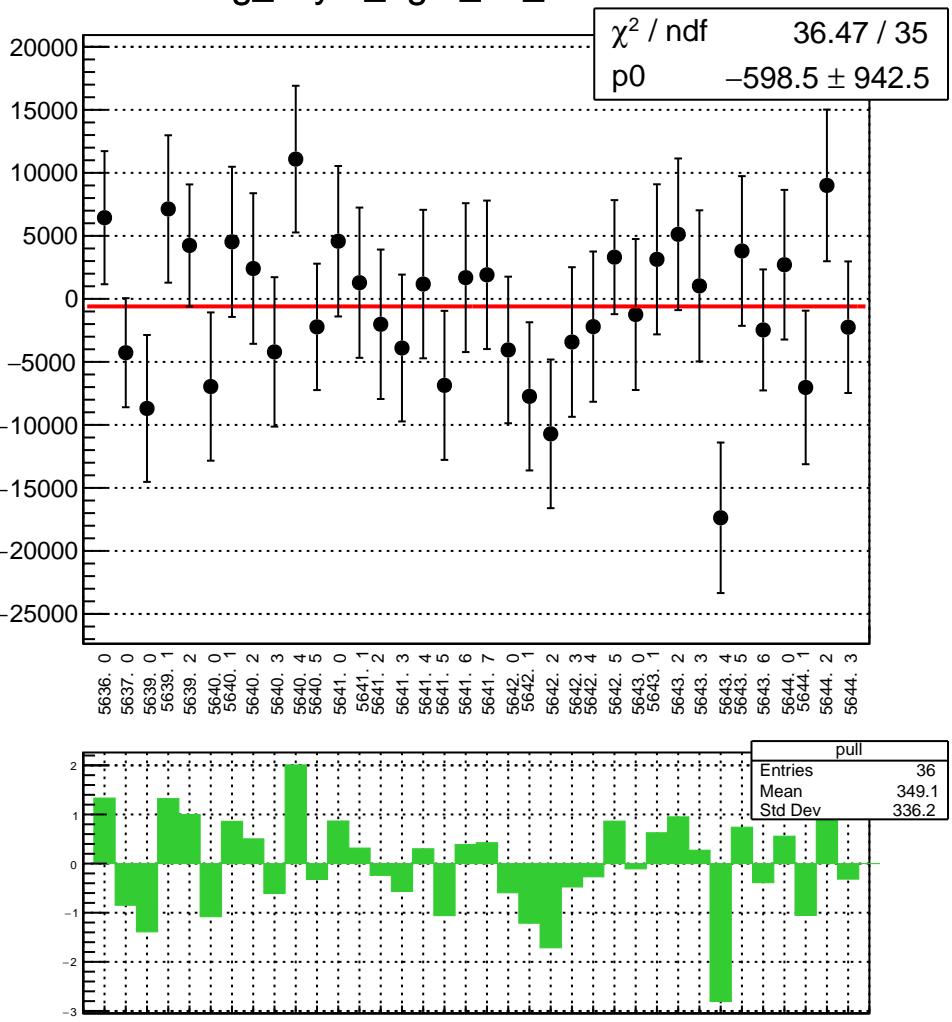
# asym\_right\_avg\_mean vs run



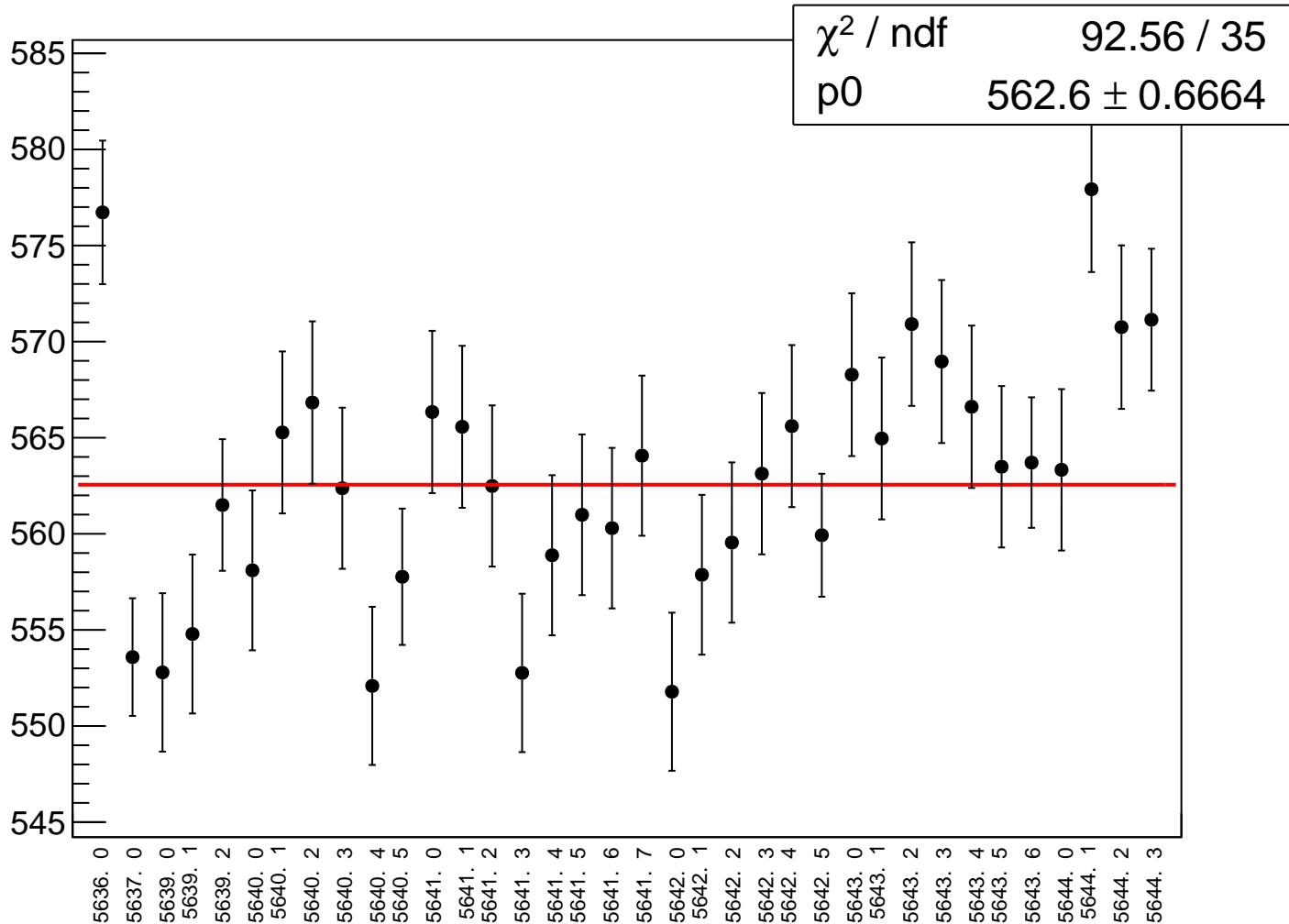
# asym\_right\_avg\_rms vs run



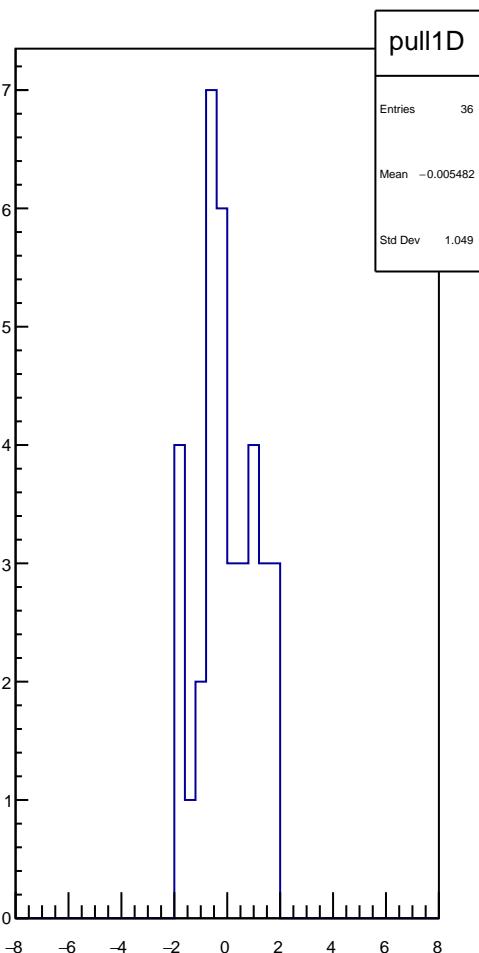
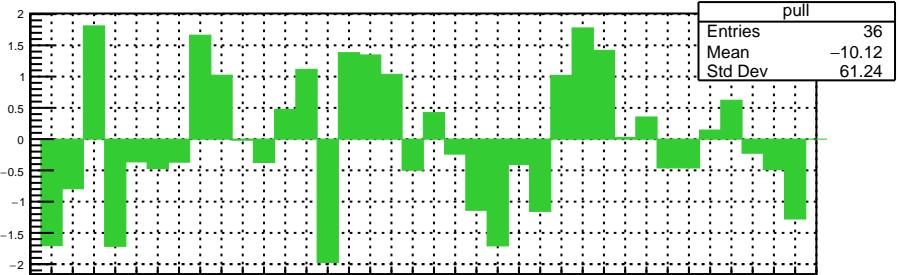
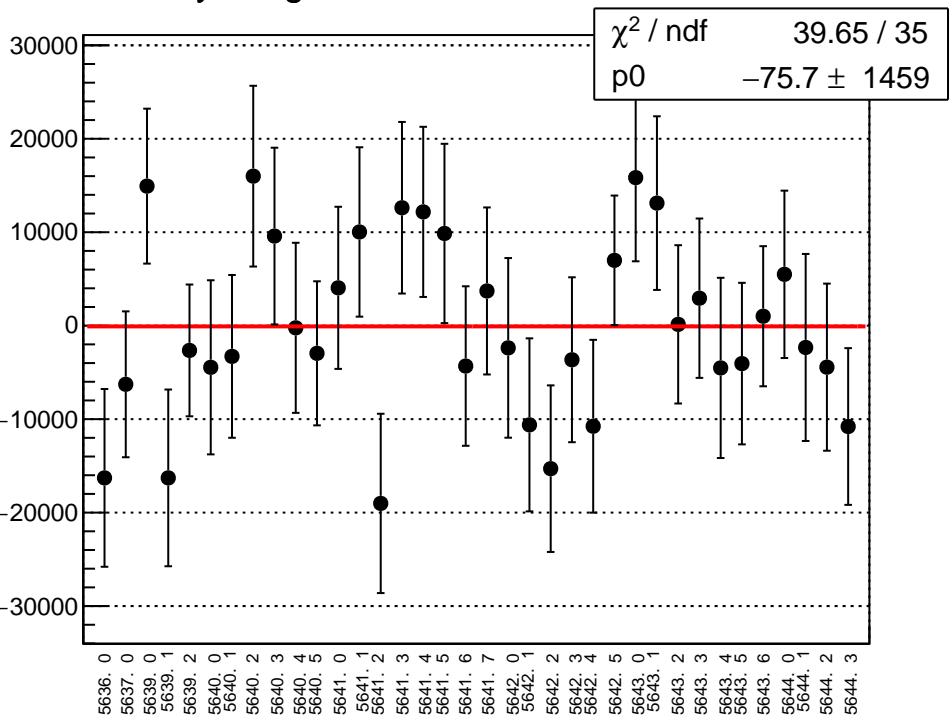
# reg\_asym\_right\_dd\_mean vs run



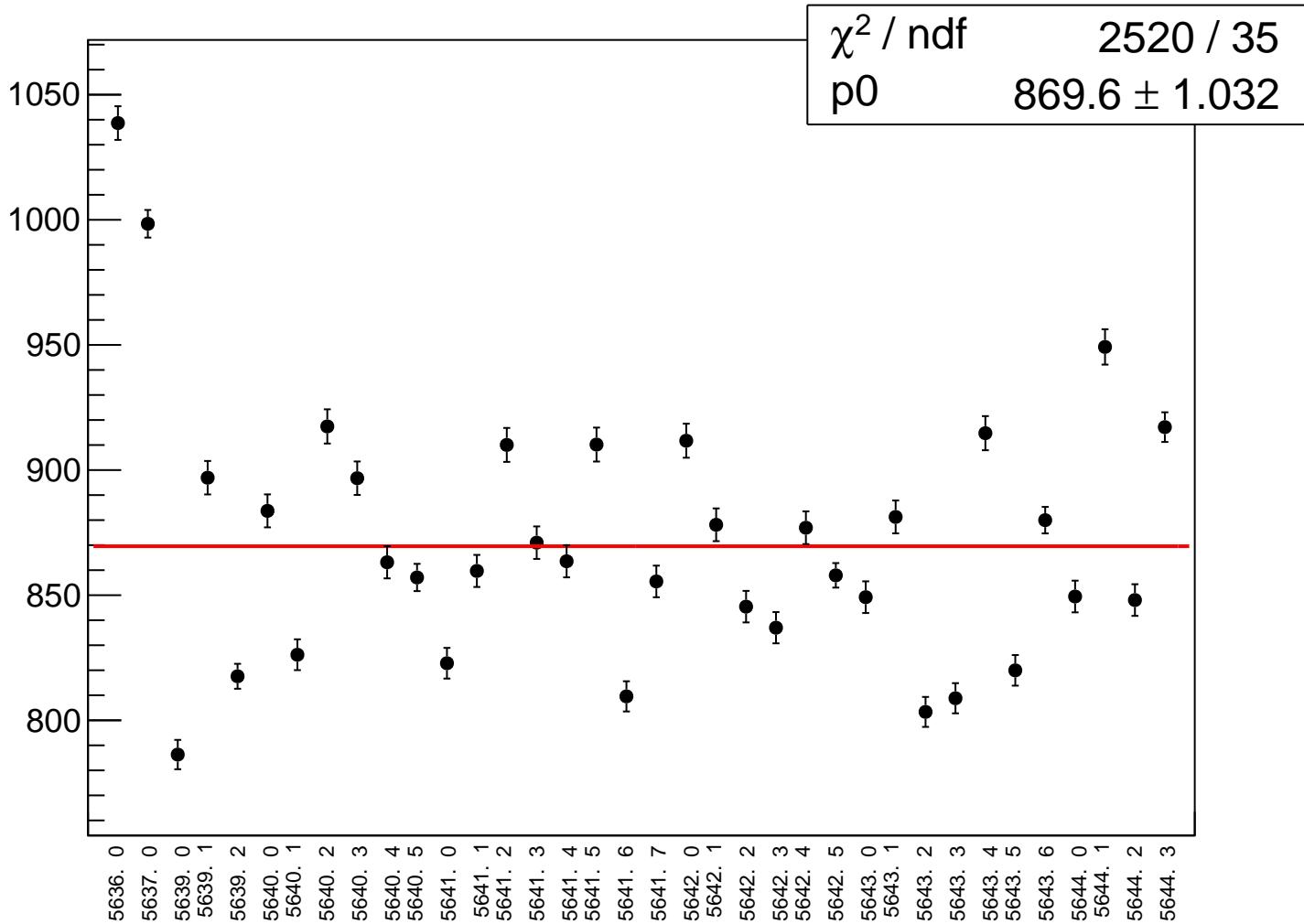
# reg\_asym\_right\_dd\_rms vs run



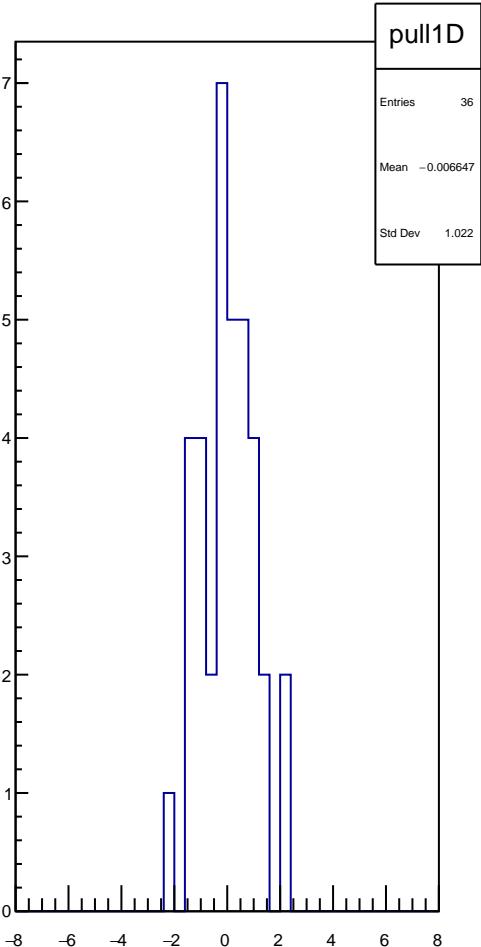
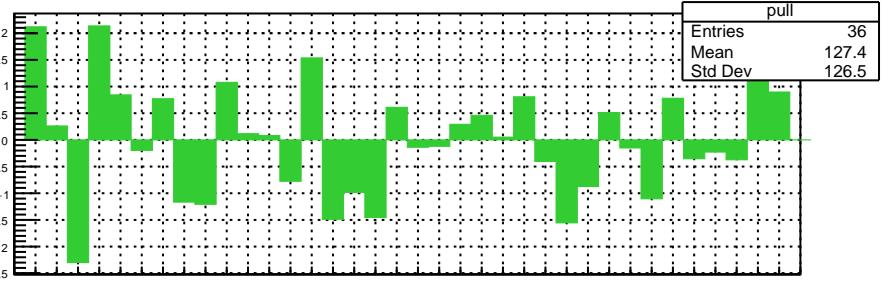
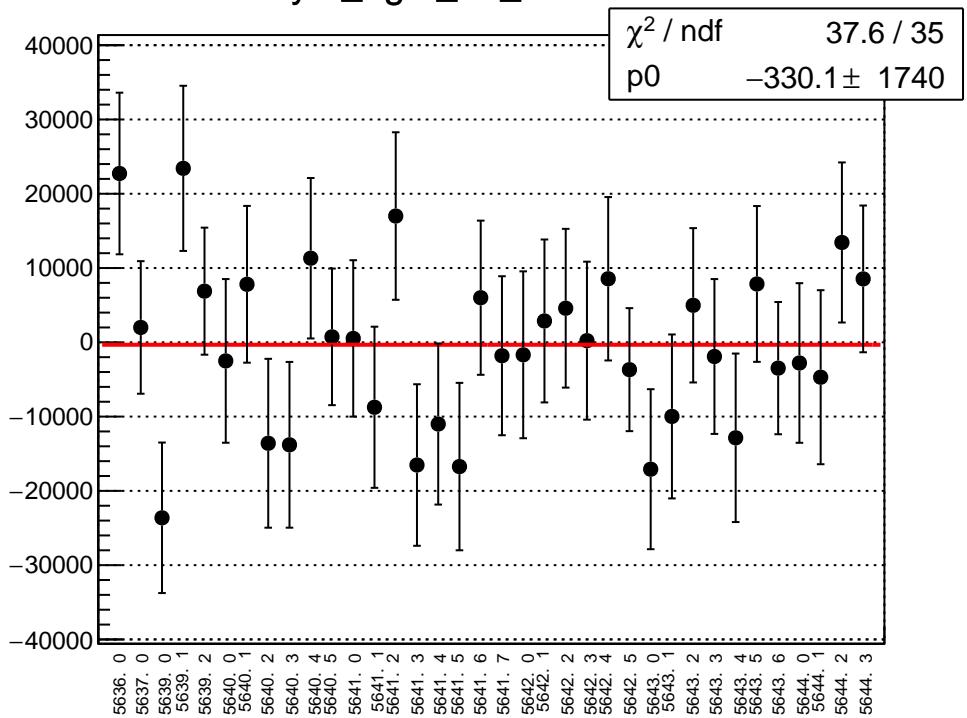
# asym\_right\_dd\_correction\_mean vs run



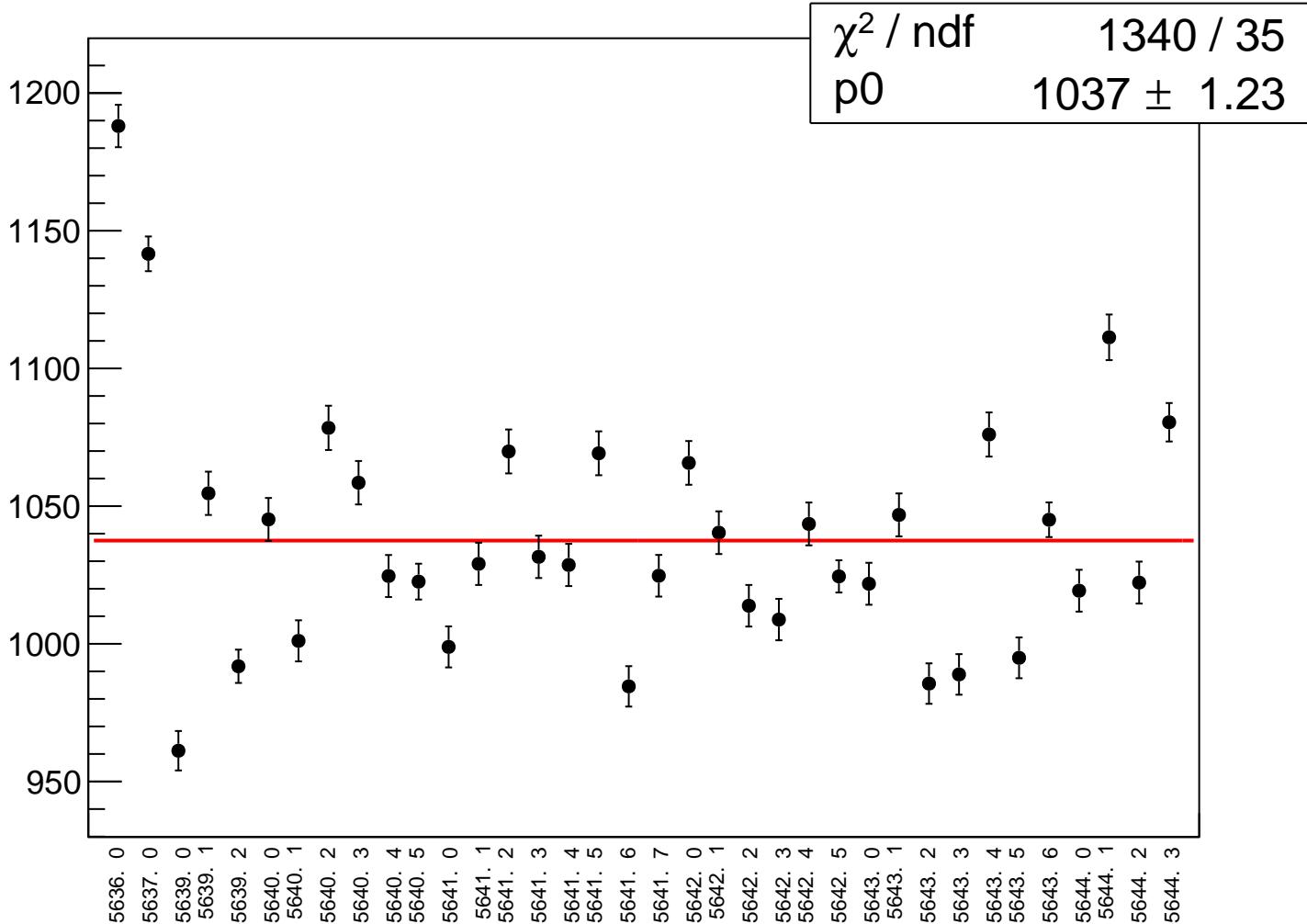
# asym\_right\_dd\_correction\_rms vs run



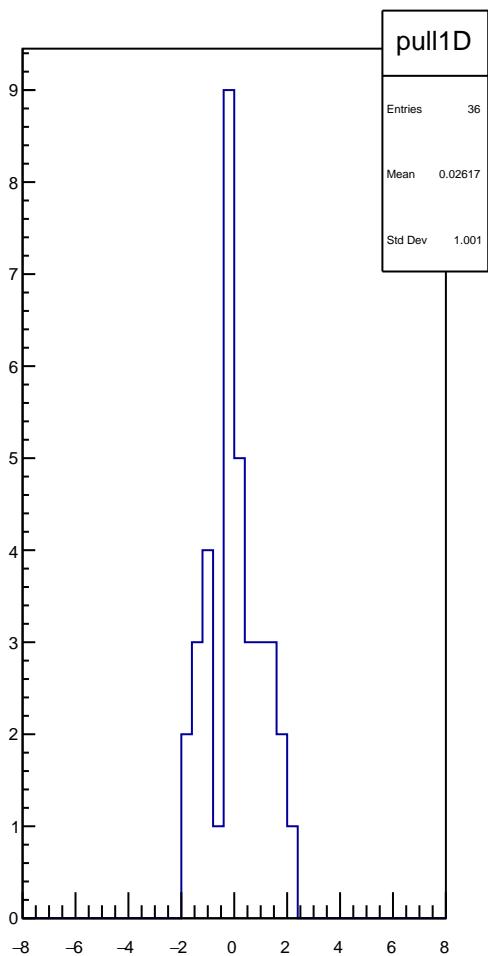
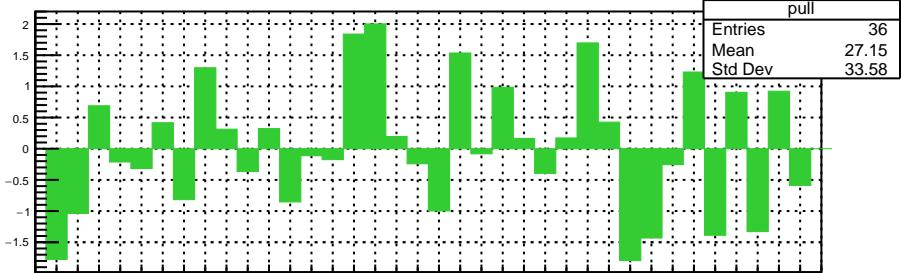
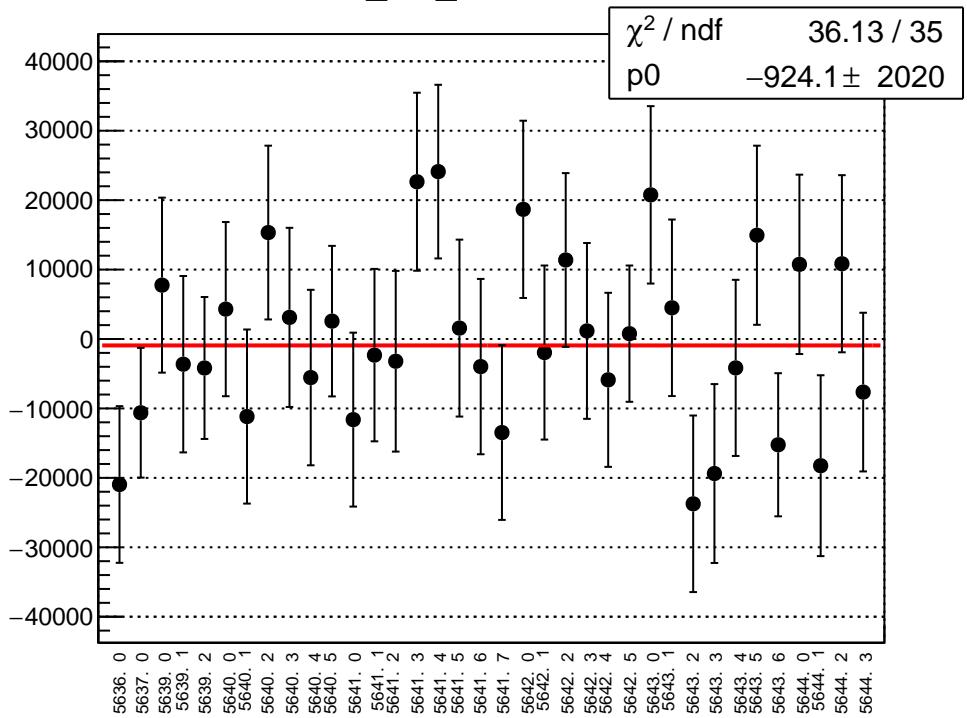
# asym\_right\_dd\_mean vs run



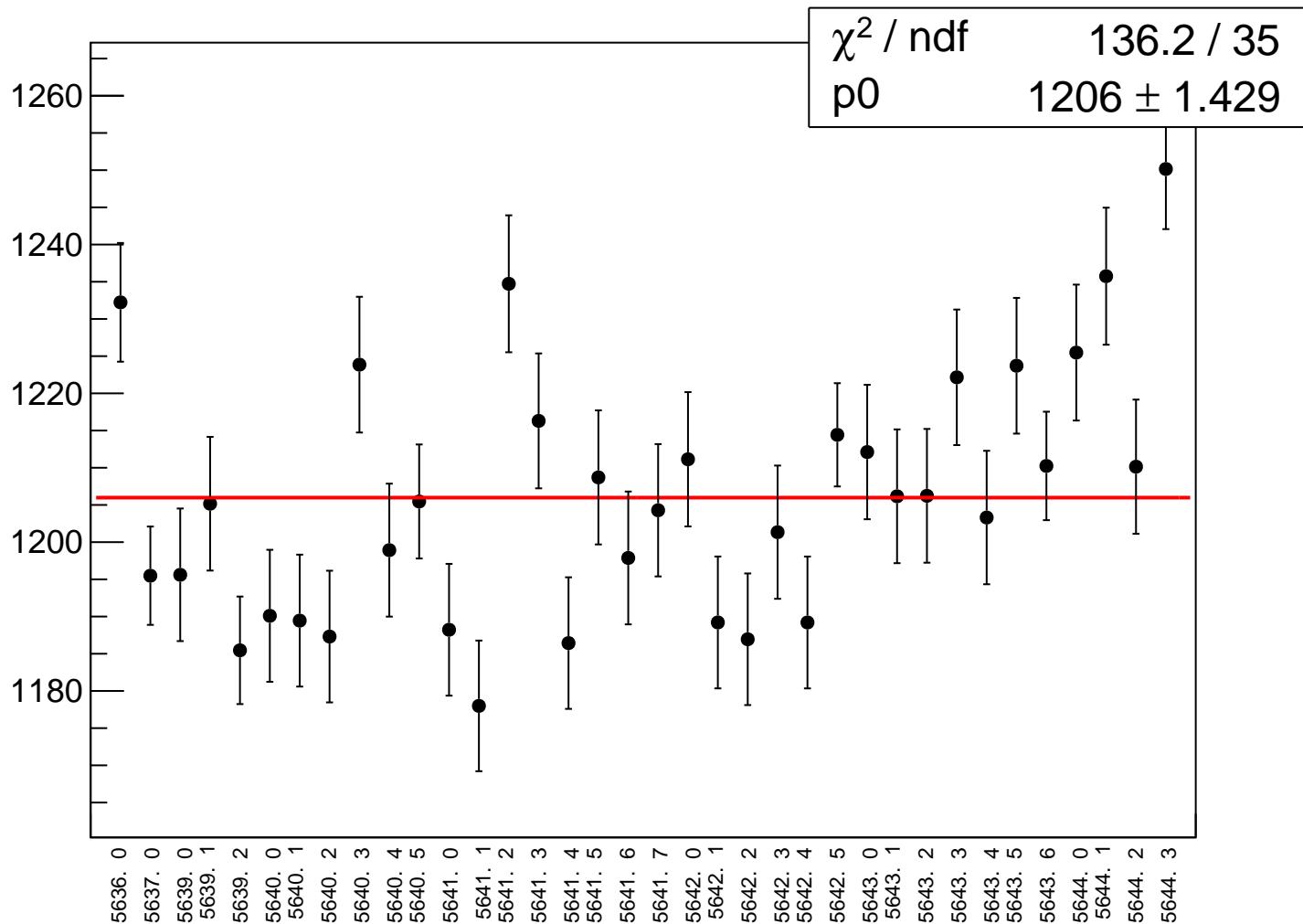
# asym\_right\_dd\_rms vs run



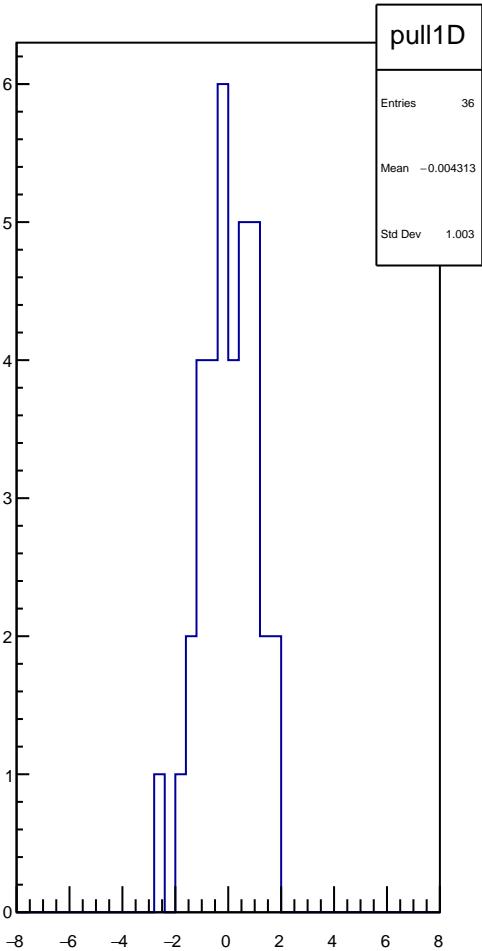
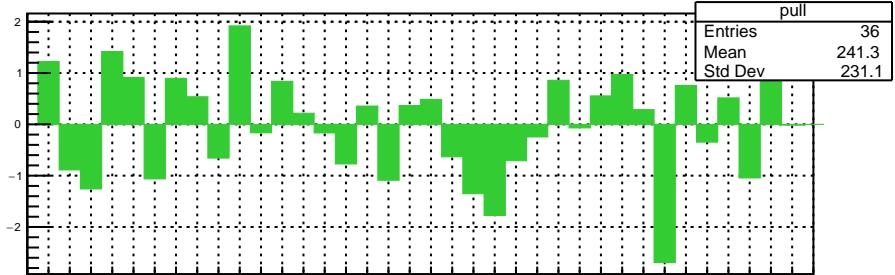
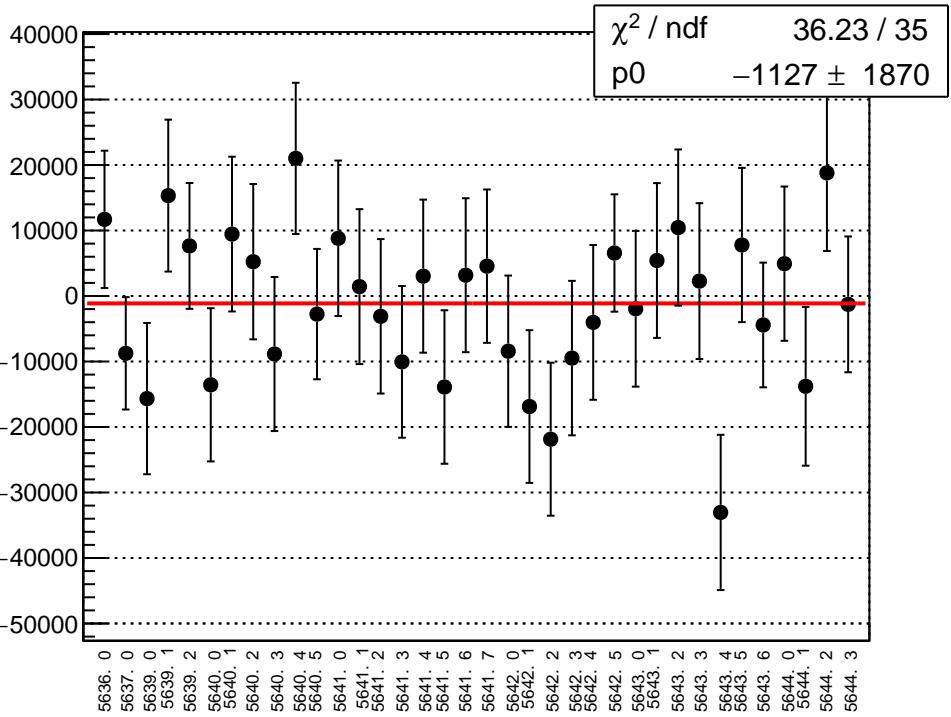
# cor\_usl\_mean vs run



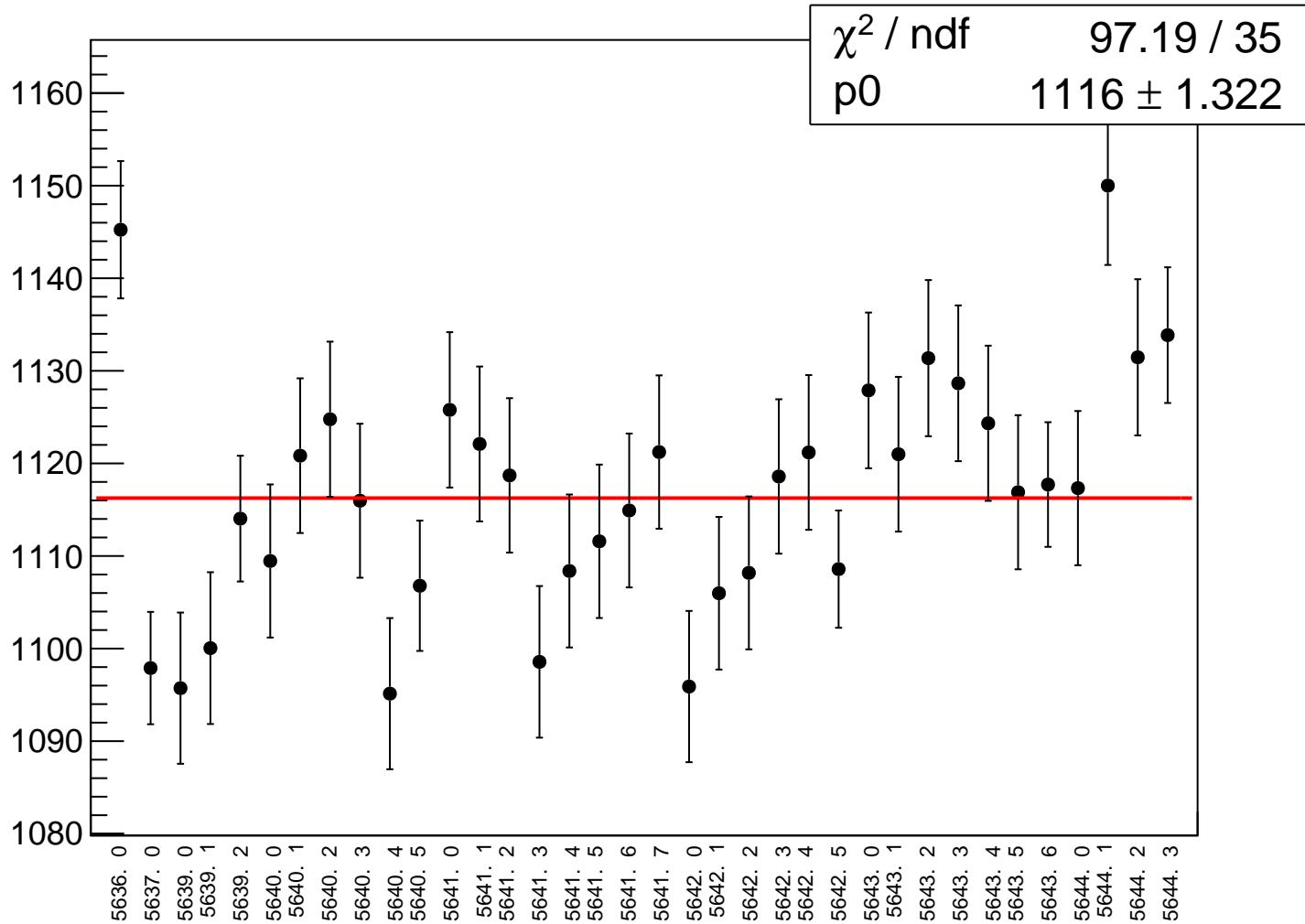
# cor\_usl\_rms vs run

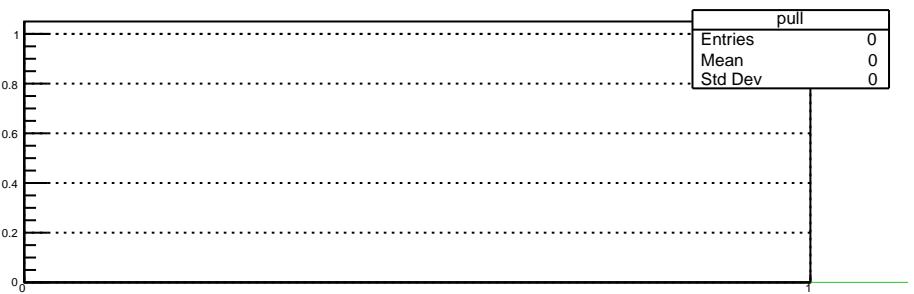
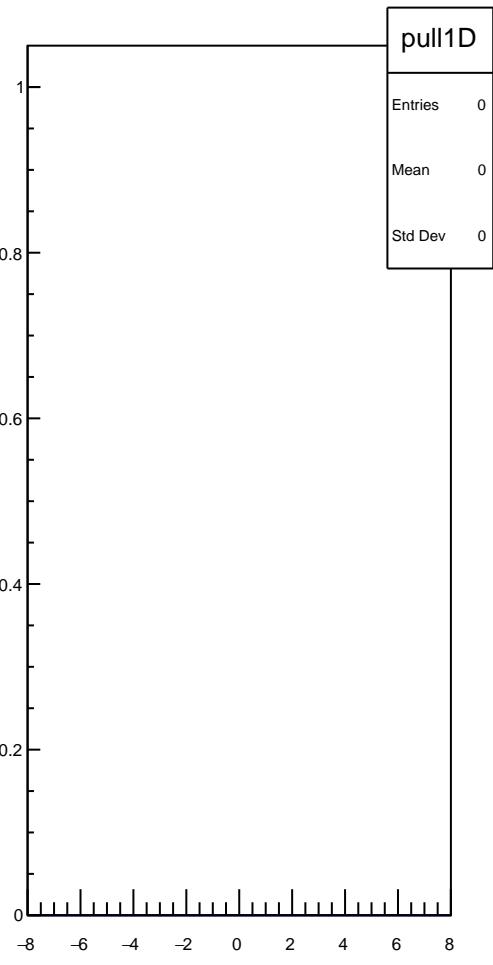


cor\_usr\_mean vs run

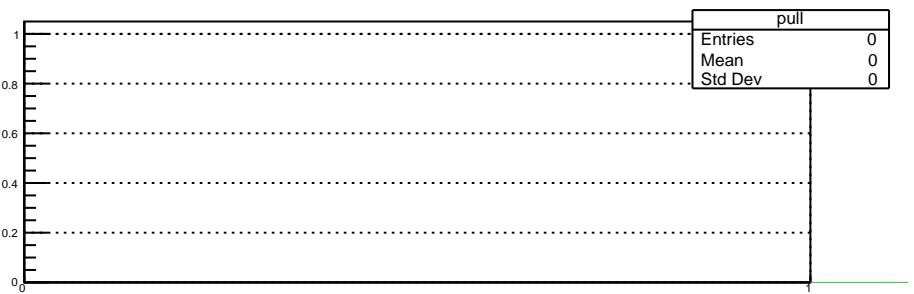
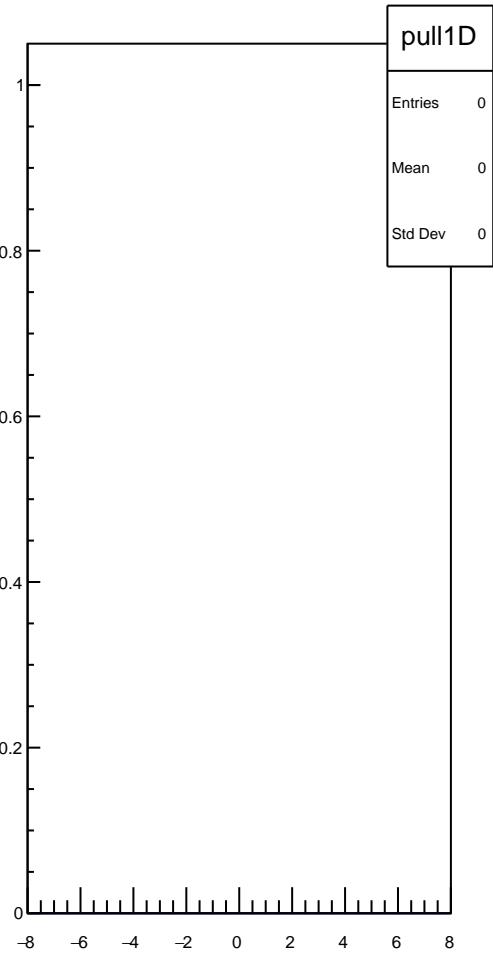


# cor\_usr\_rms vs run

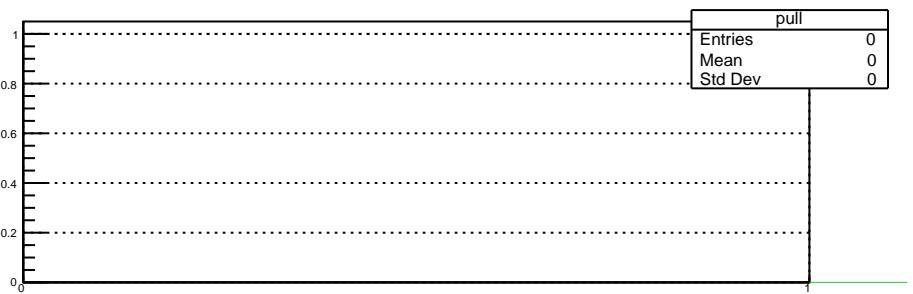
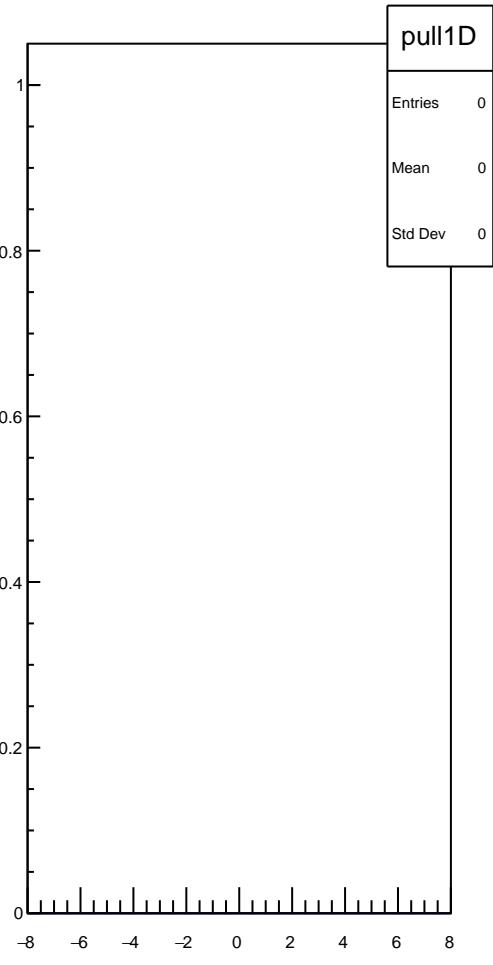




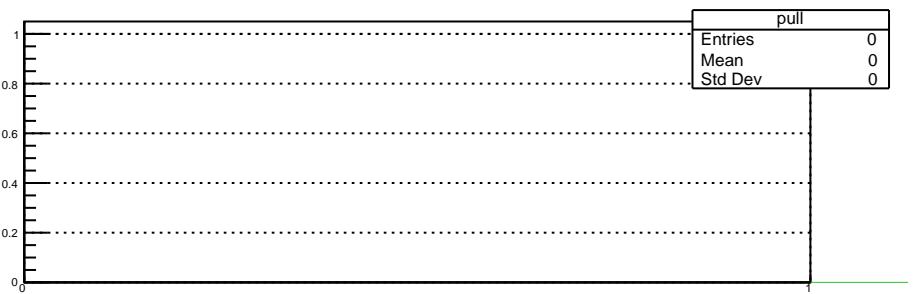
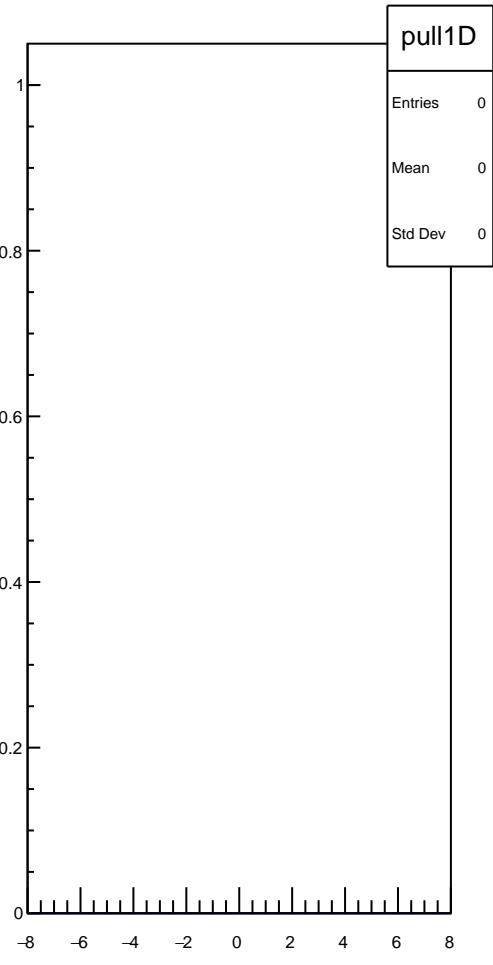




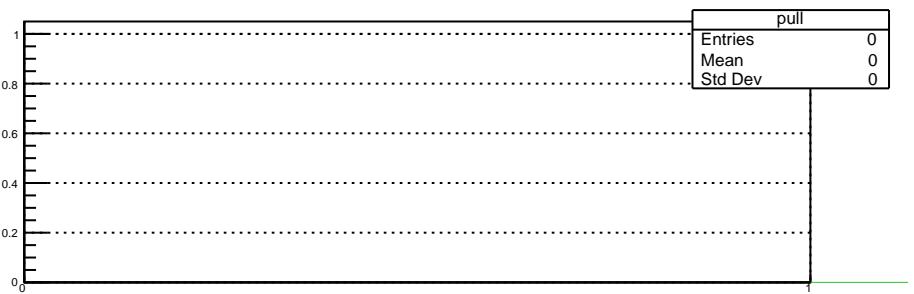
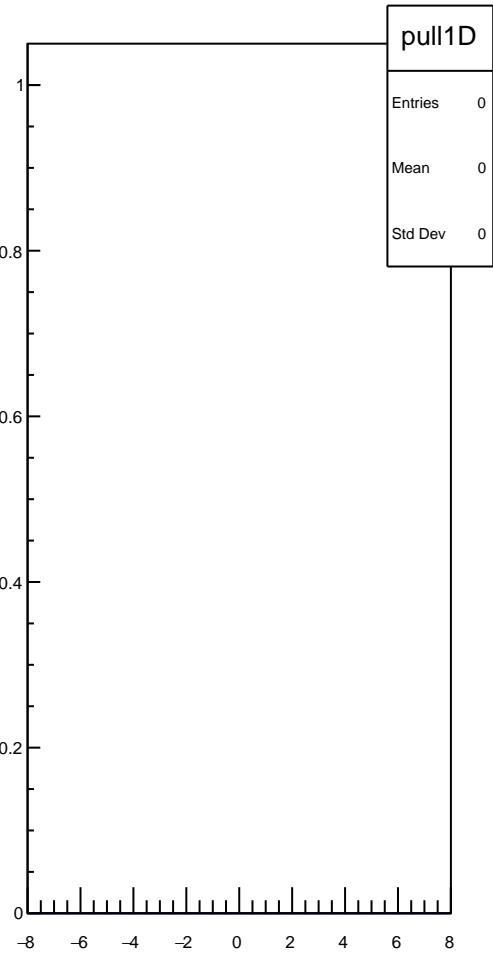




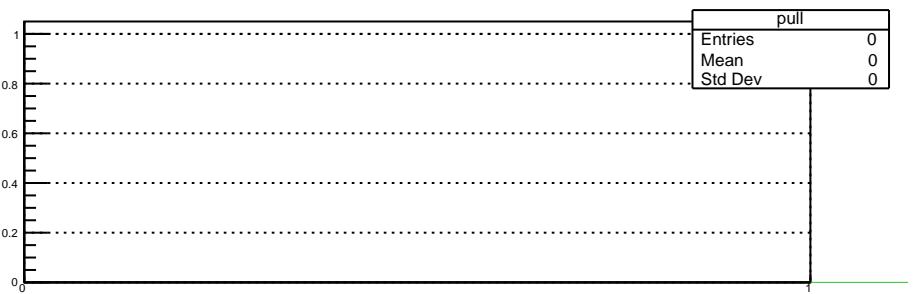
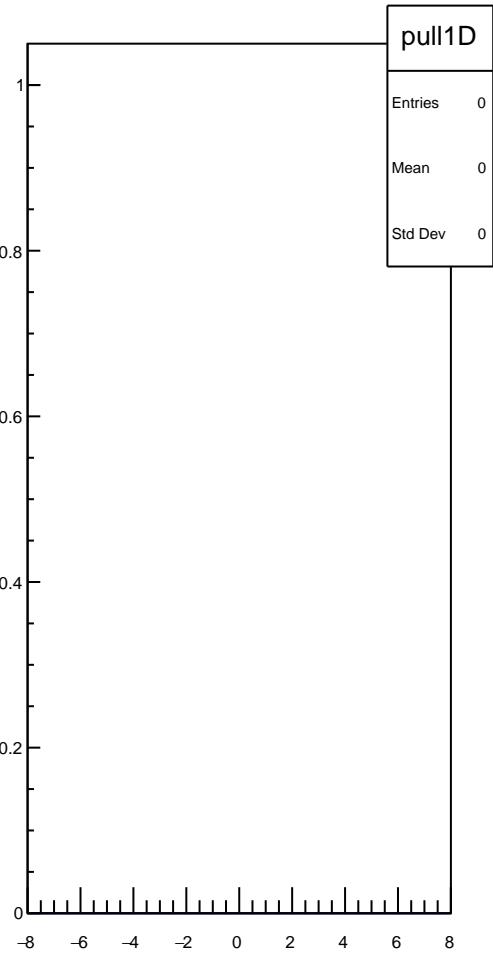






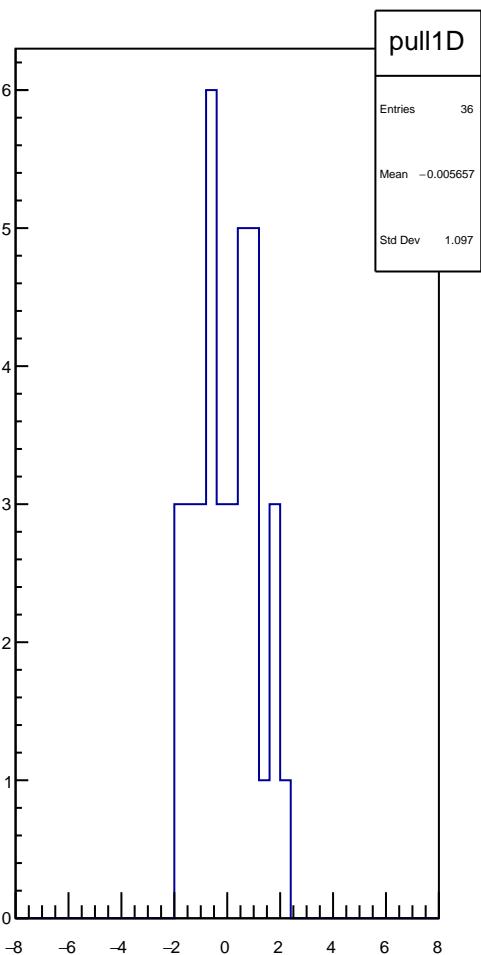
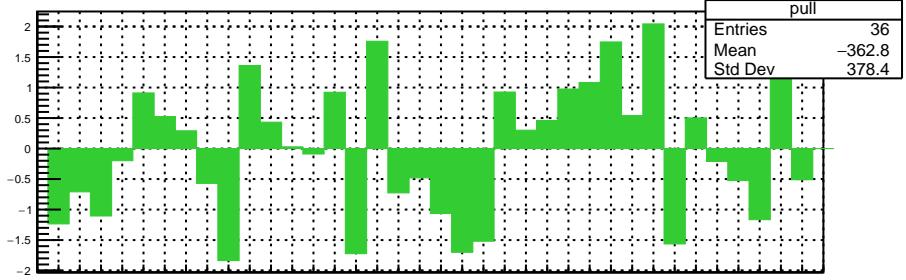
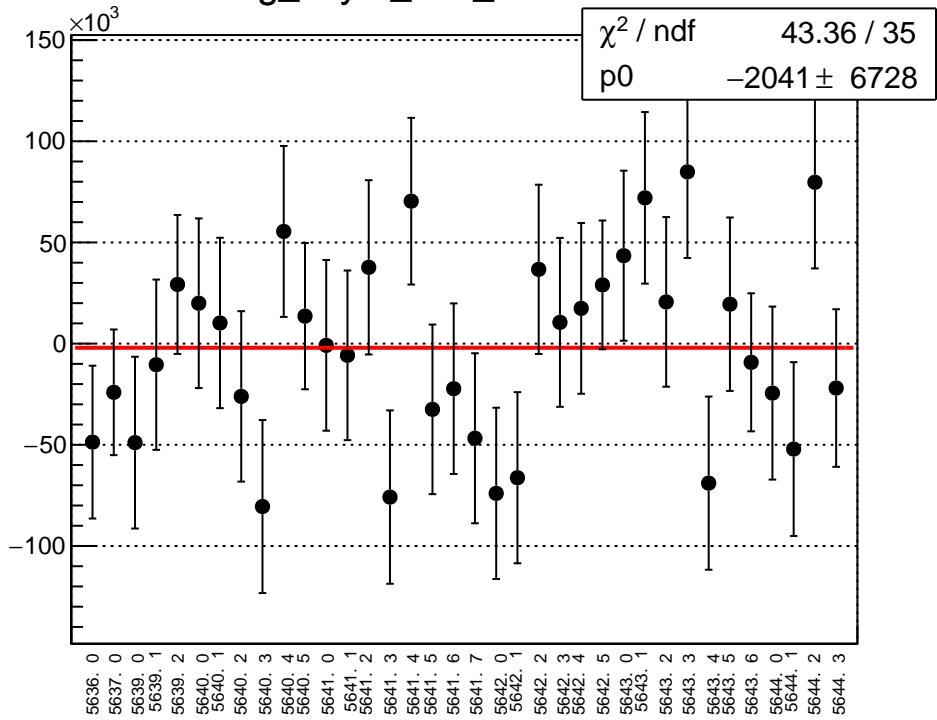




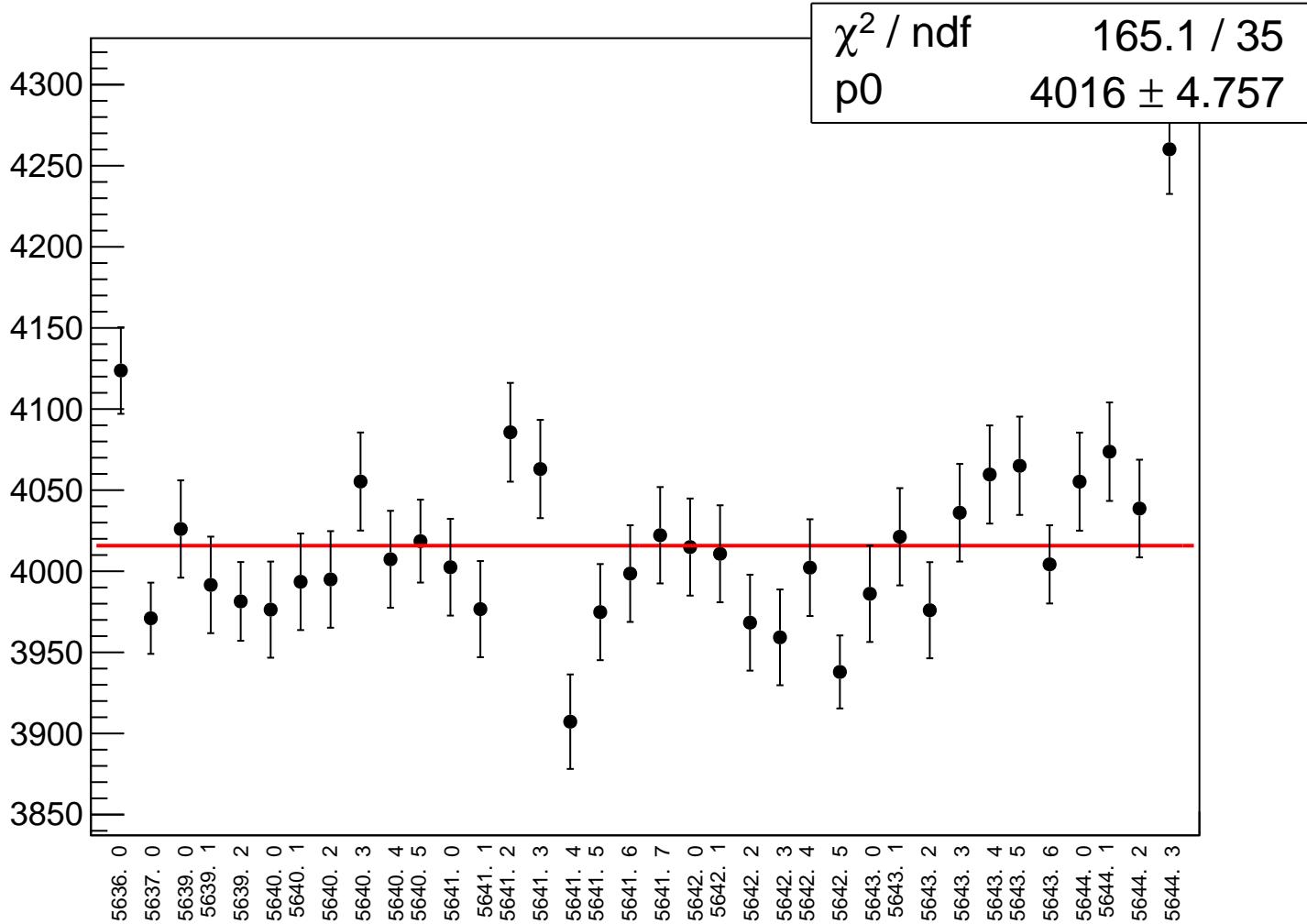




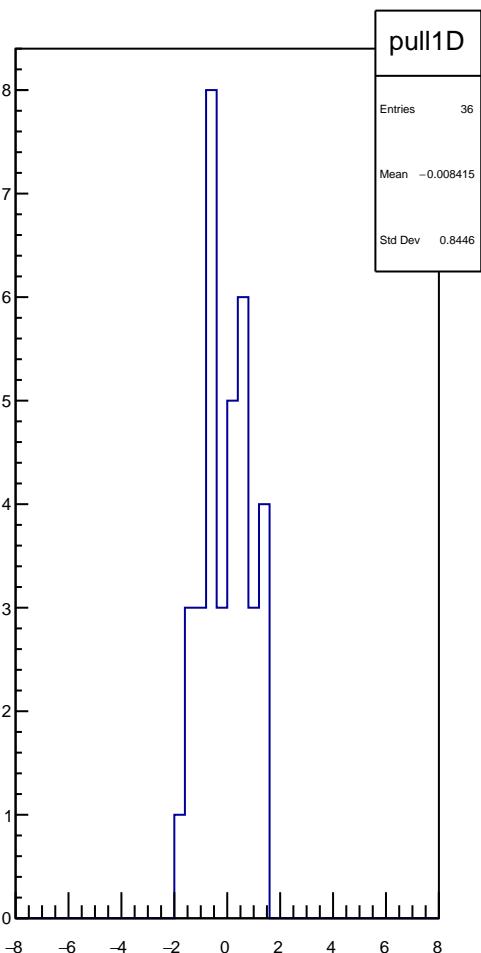
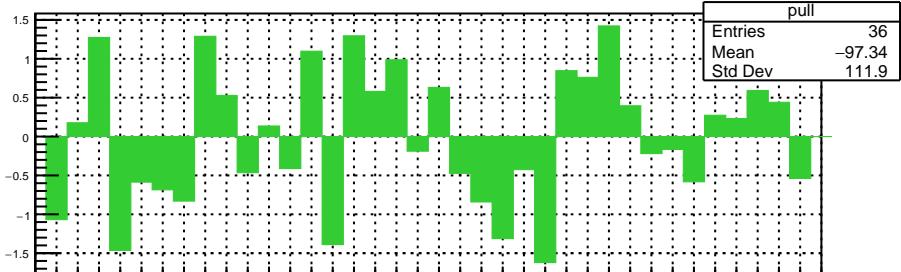
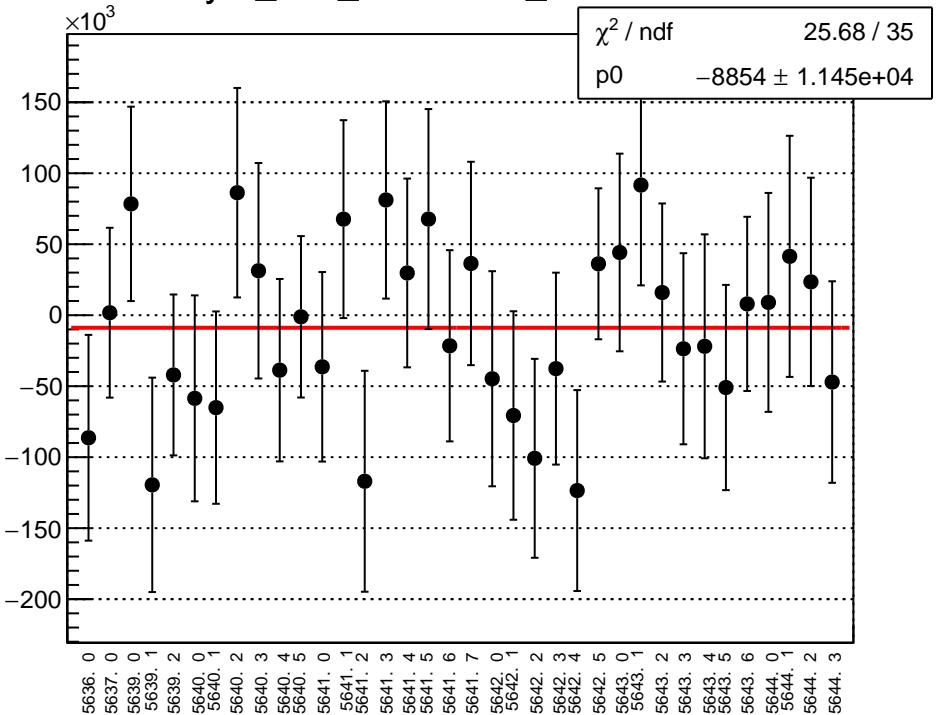
# reg\_asym\_atl1\_mean vs run



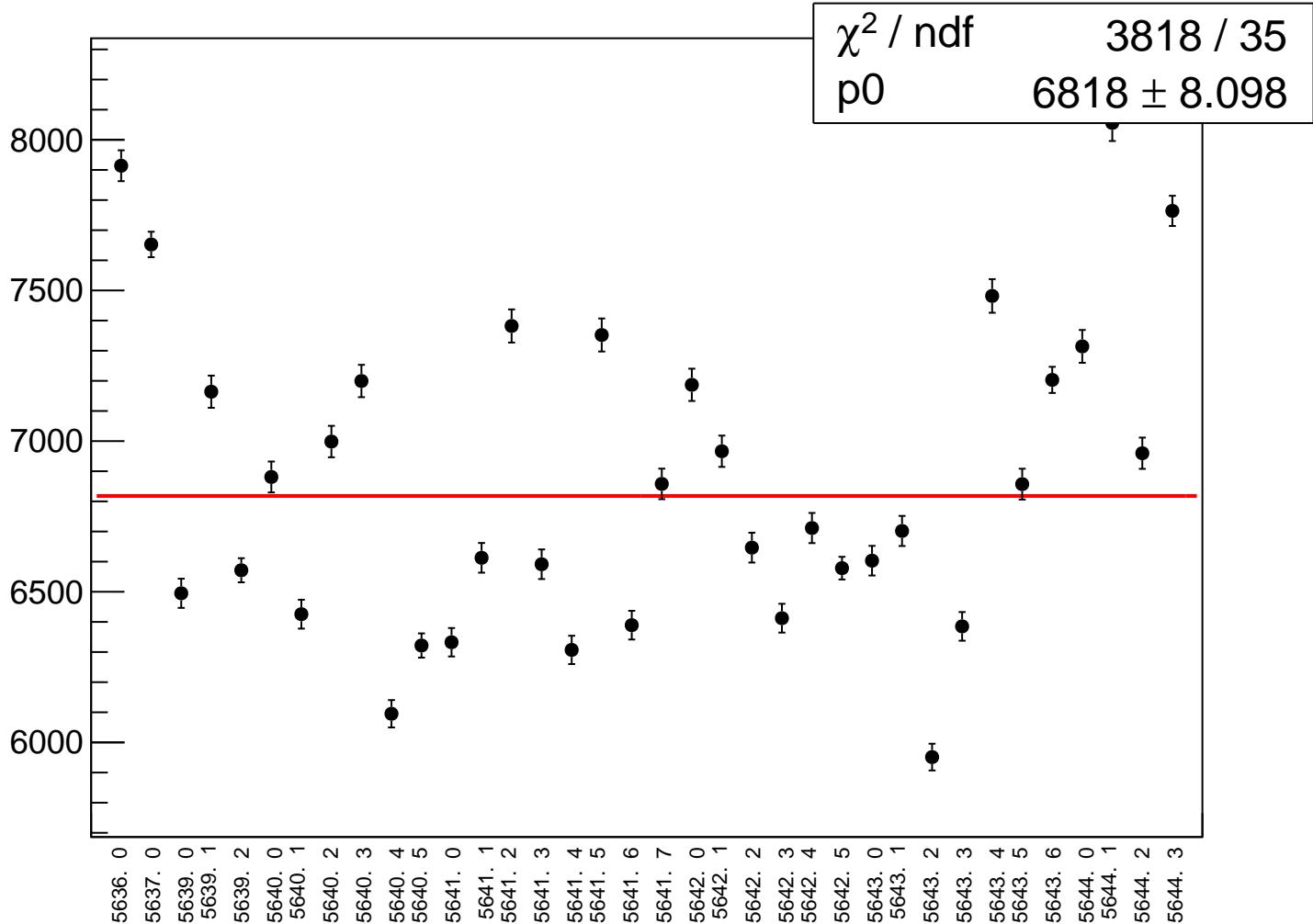
# reg\_asym\_atl1\_rms vs run



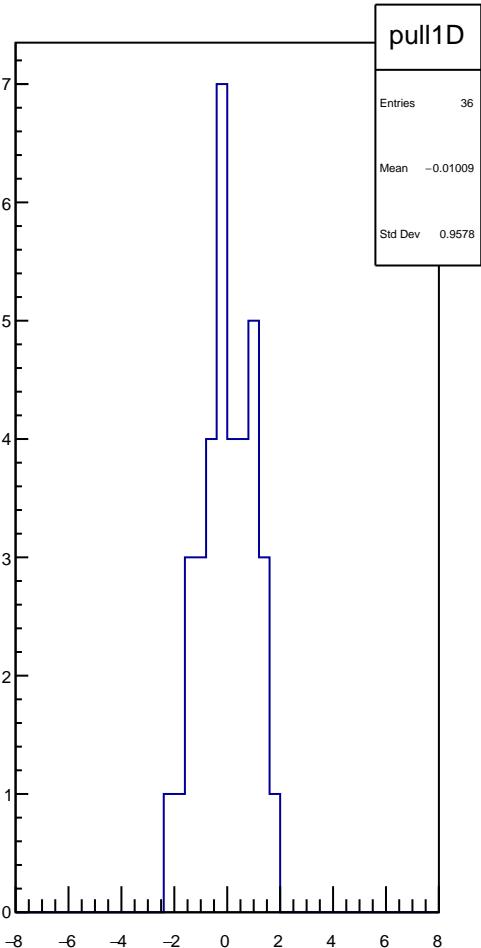
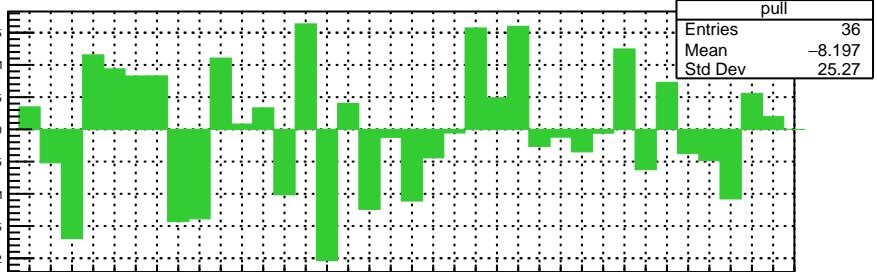
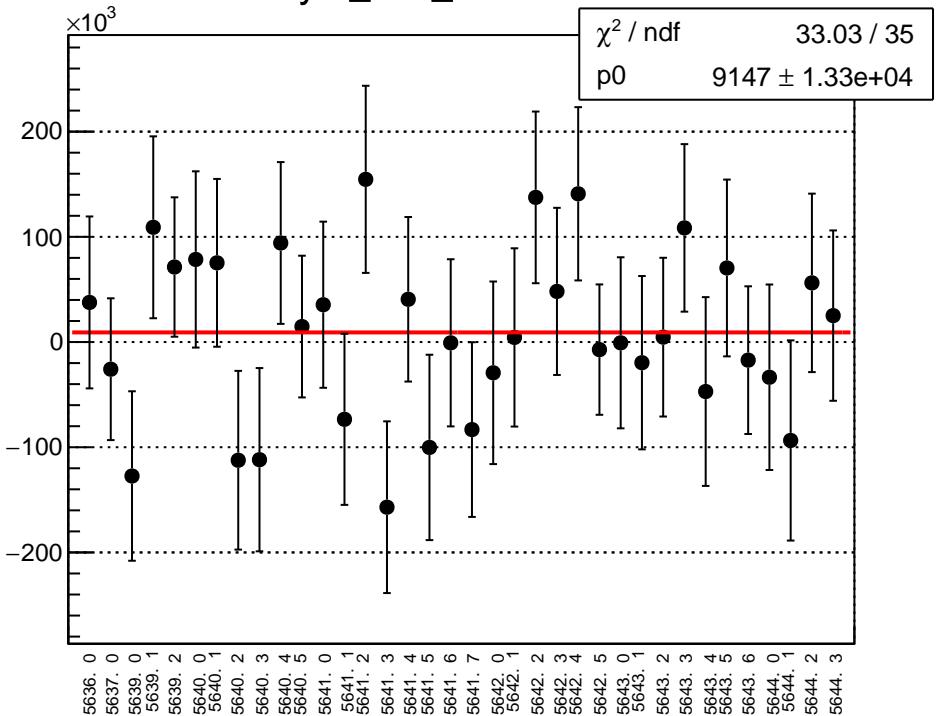
# asym\_atl1\_correction\_mean vs run



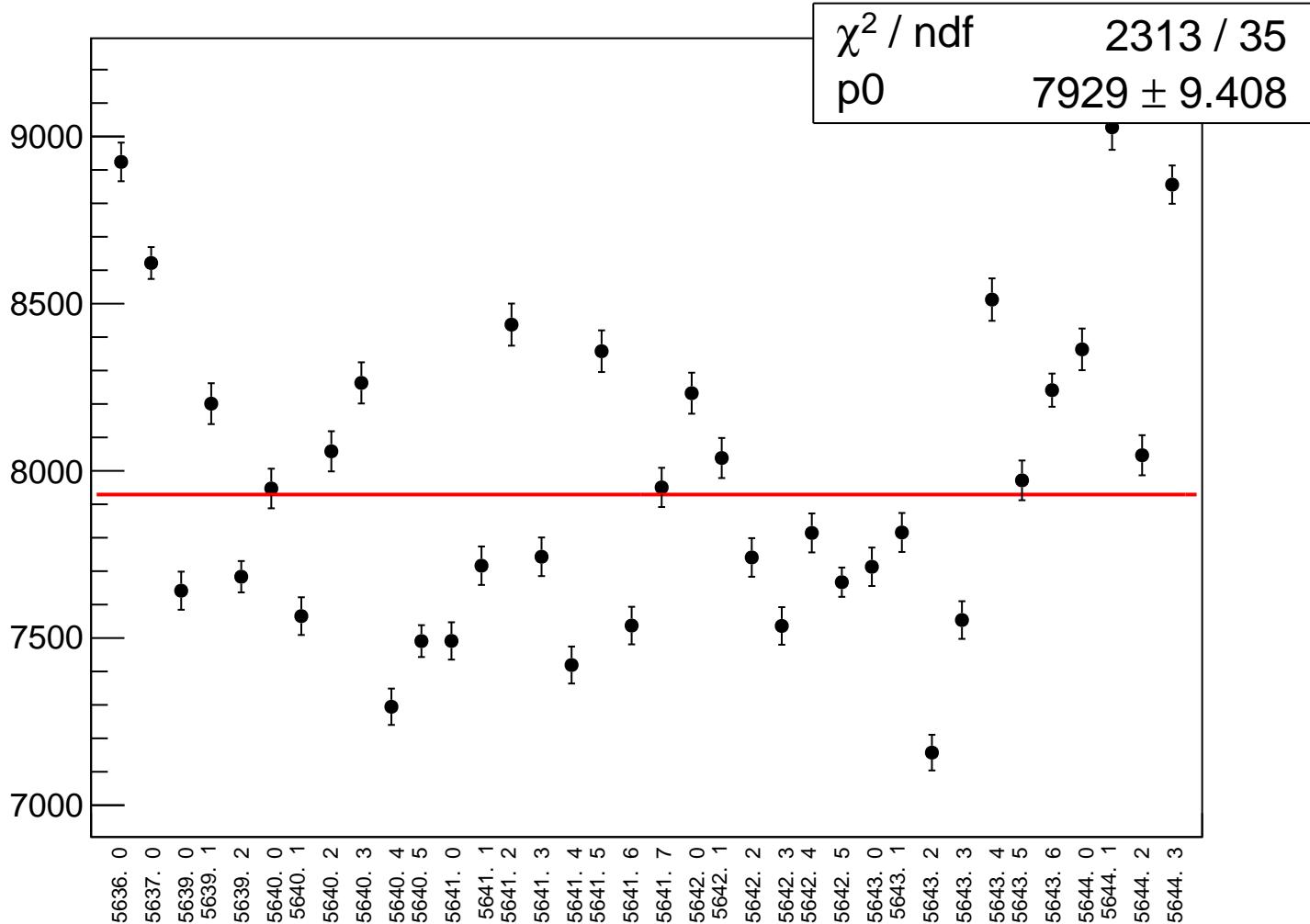
# asym\_atl1\_correction\_rms vs run



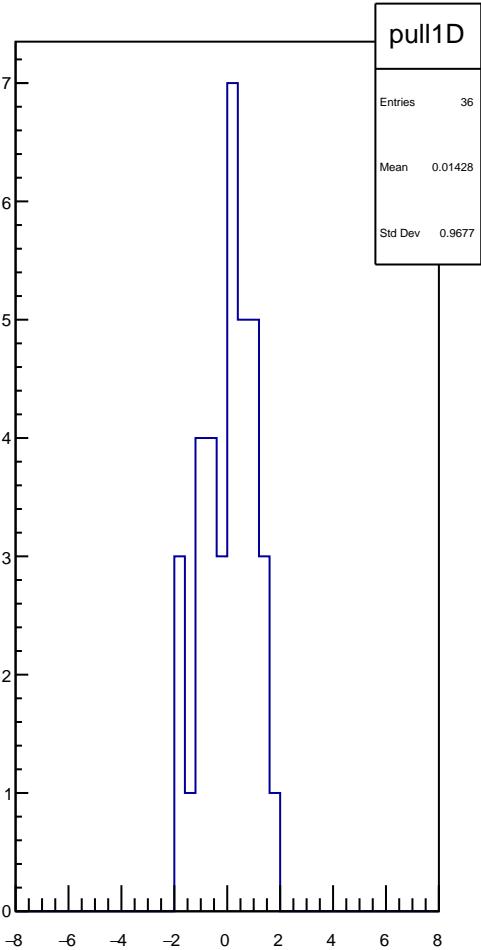
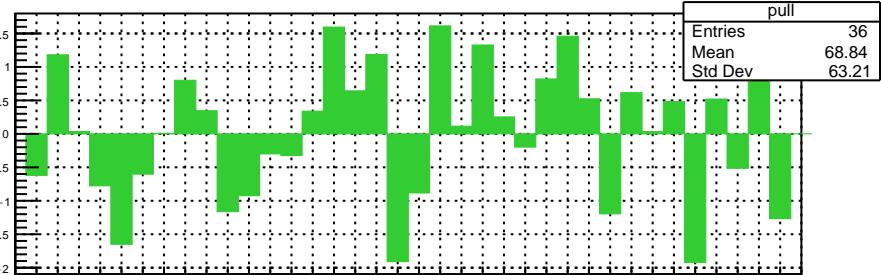
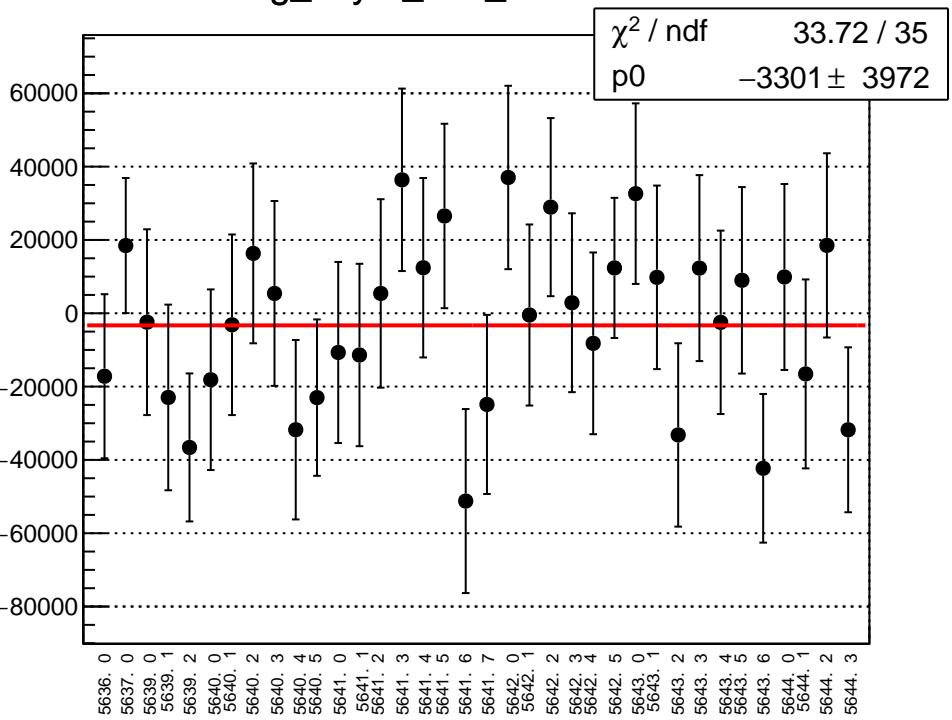
# asym\_atl1\_mean vs run



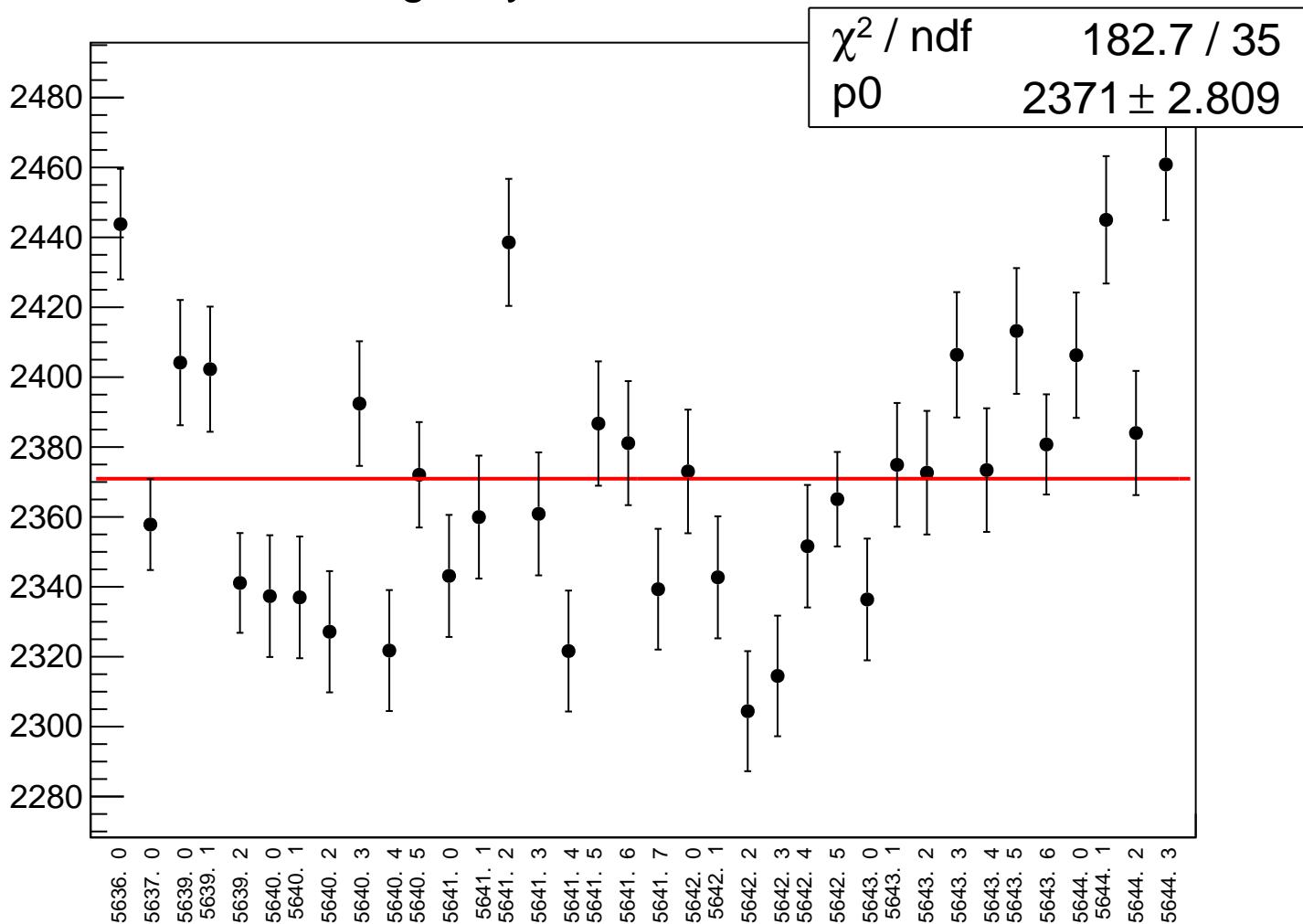
# asym\_atl1\_rms vs run



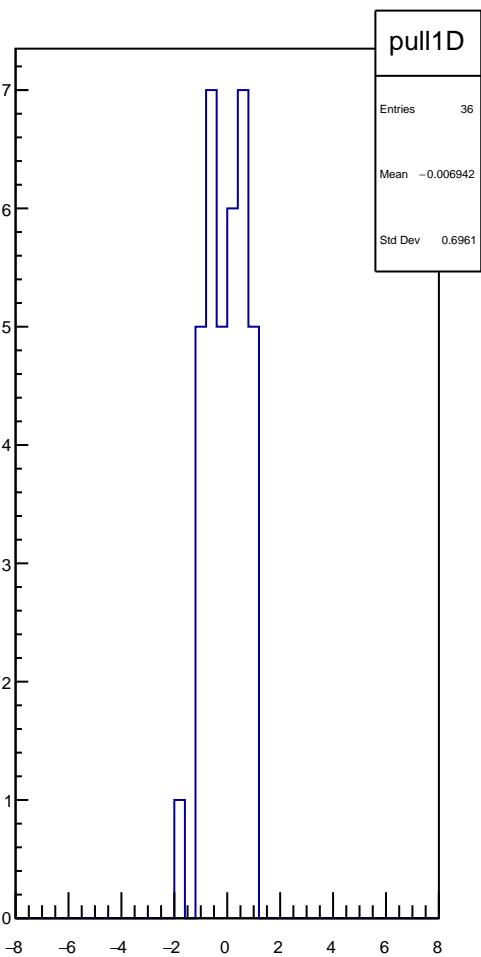
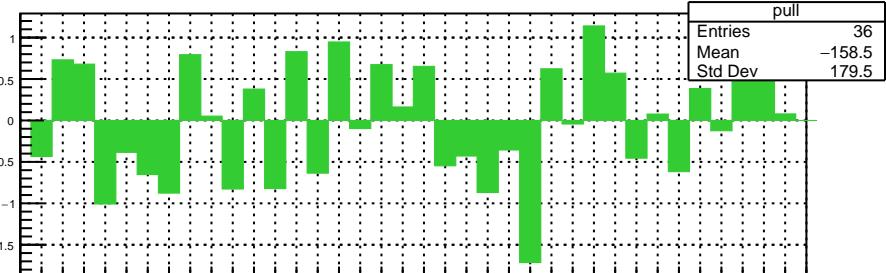
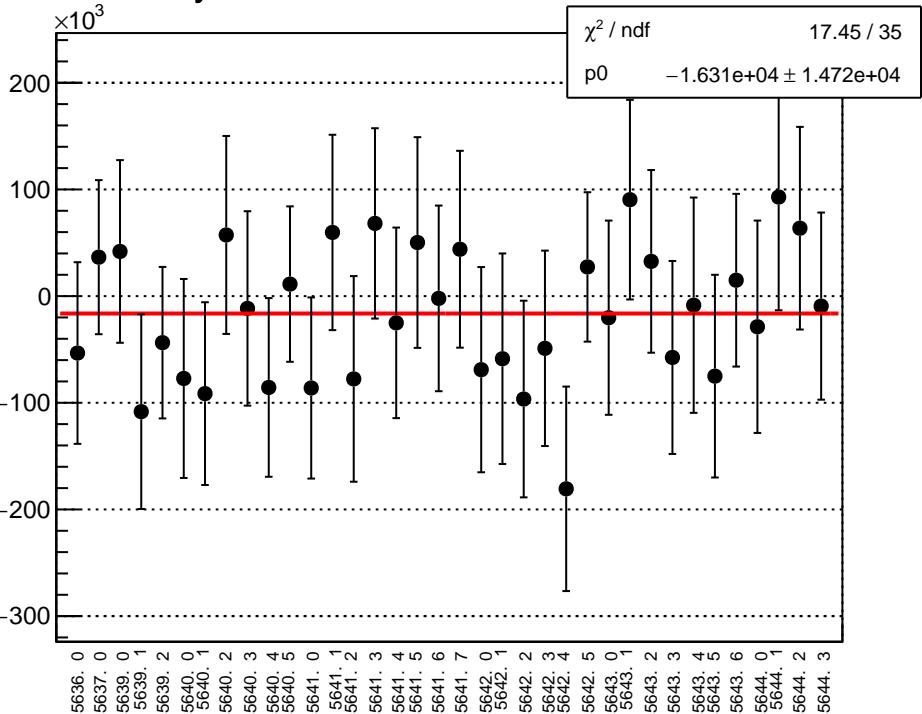
# reg\_asym\_atl2\_mean vs run



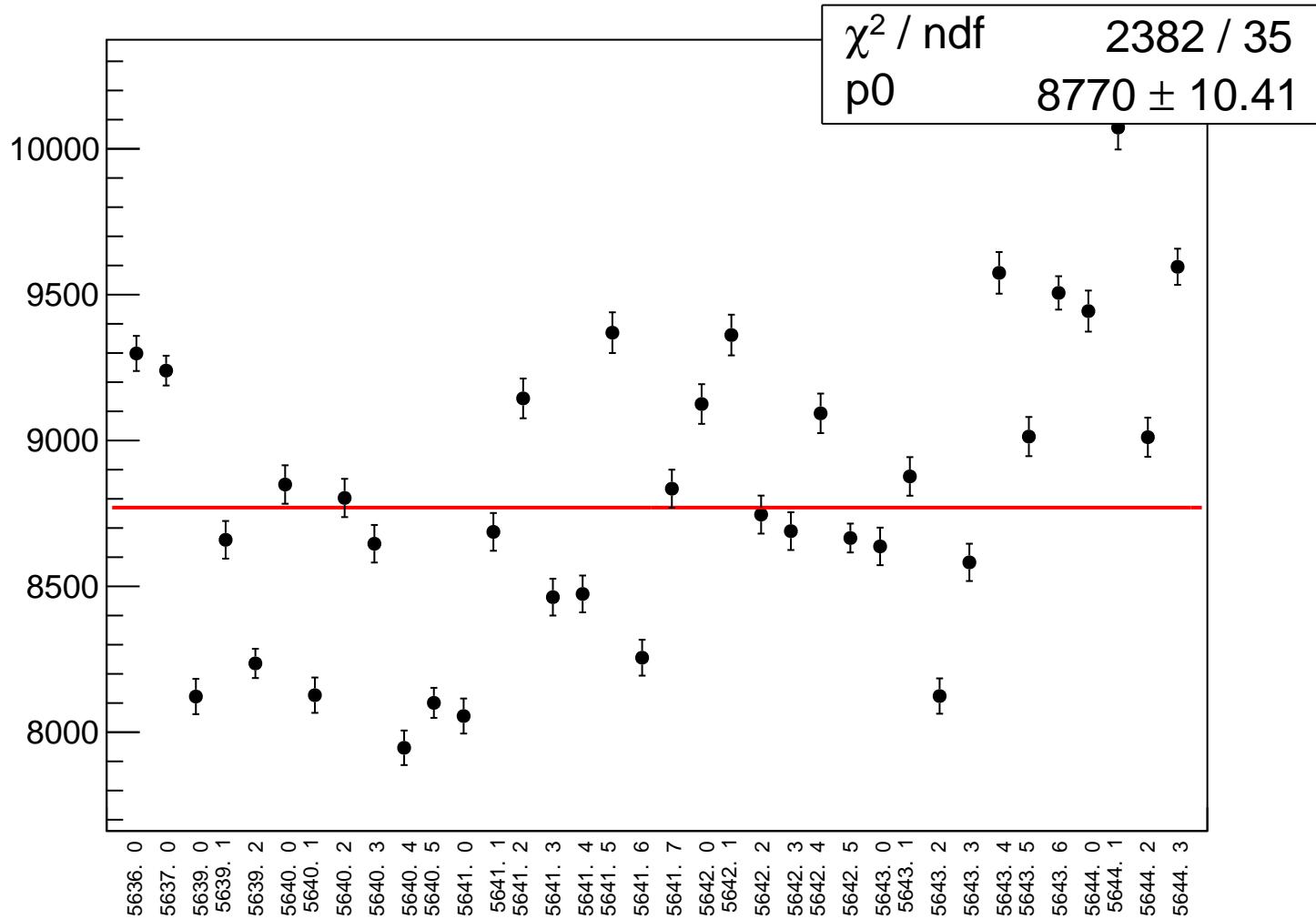
# reg\_asym\_atl2\_rms vs run



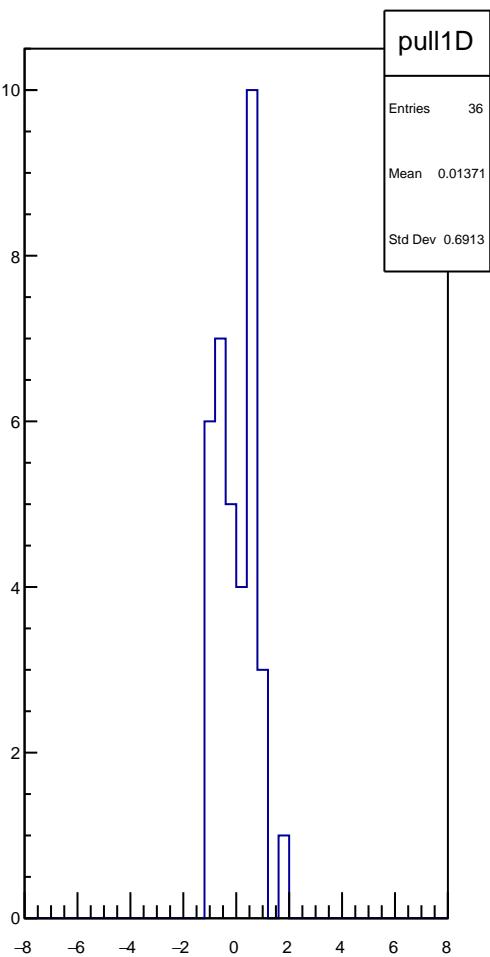
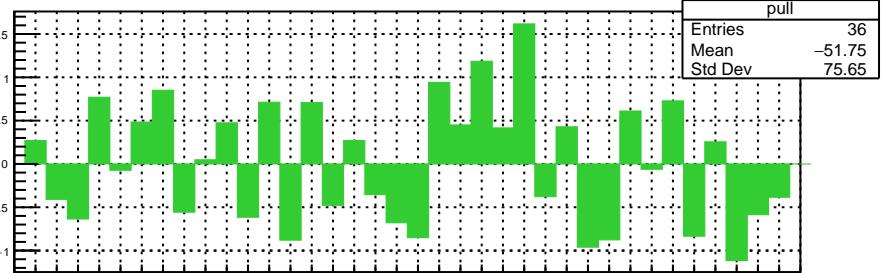
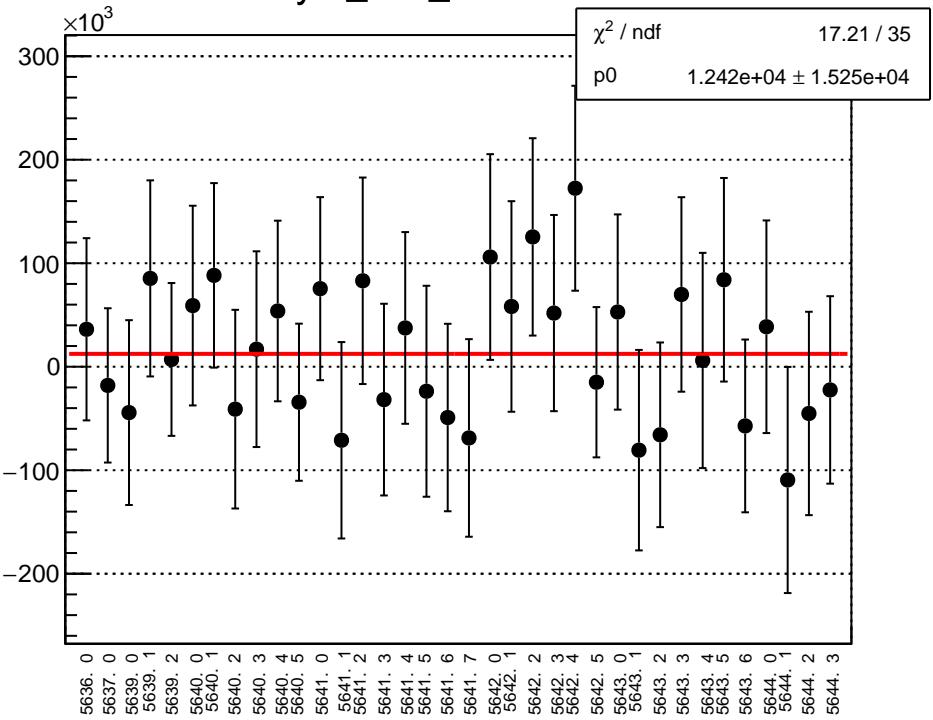
# asym\_atl2\_correction\_mean vs run



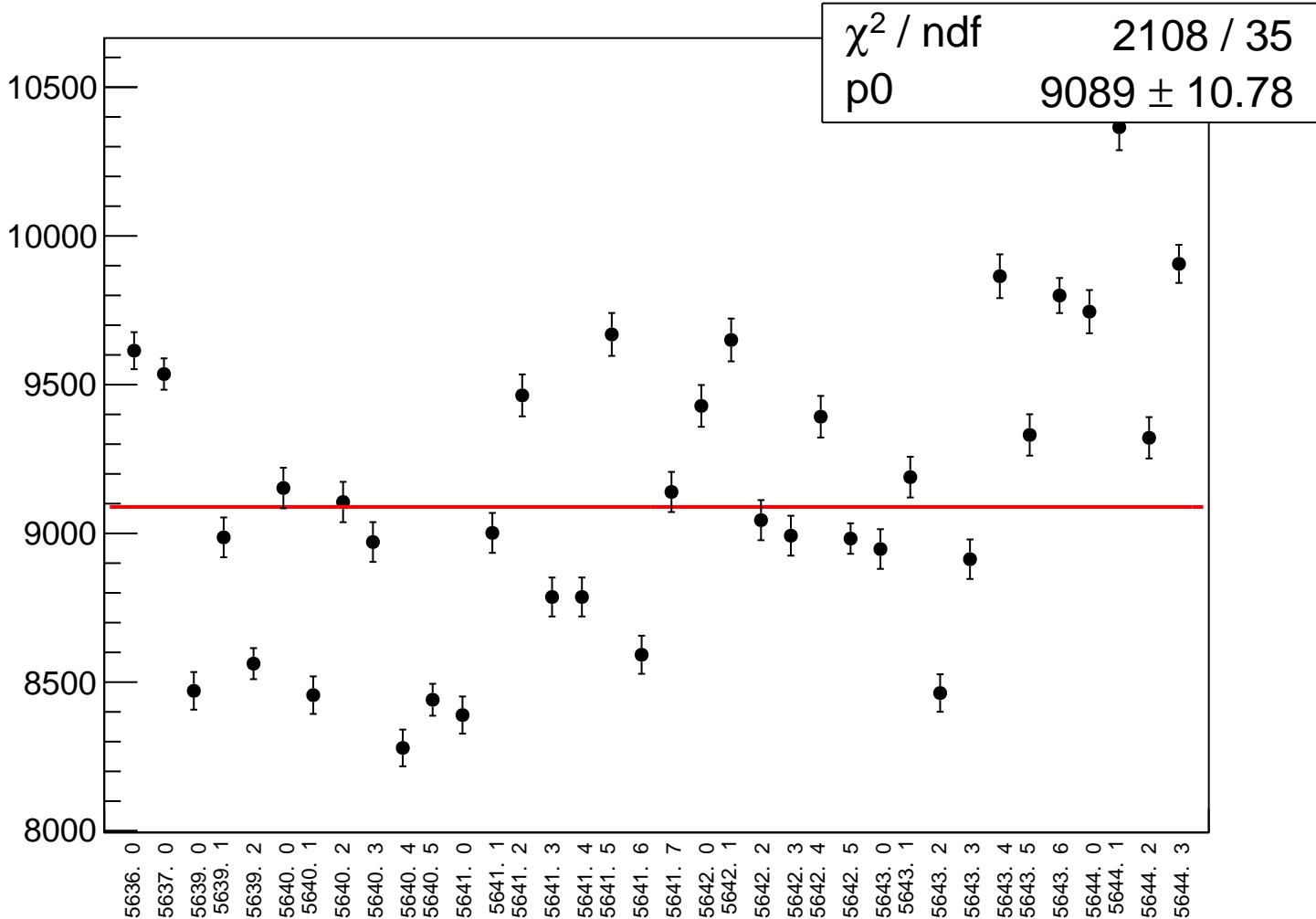
# asym\_atl2\_correction\_rms vs run



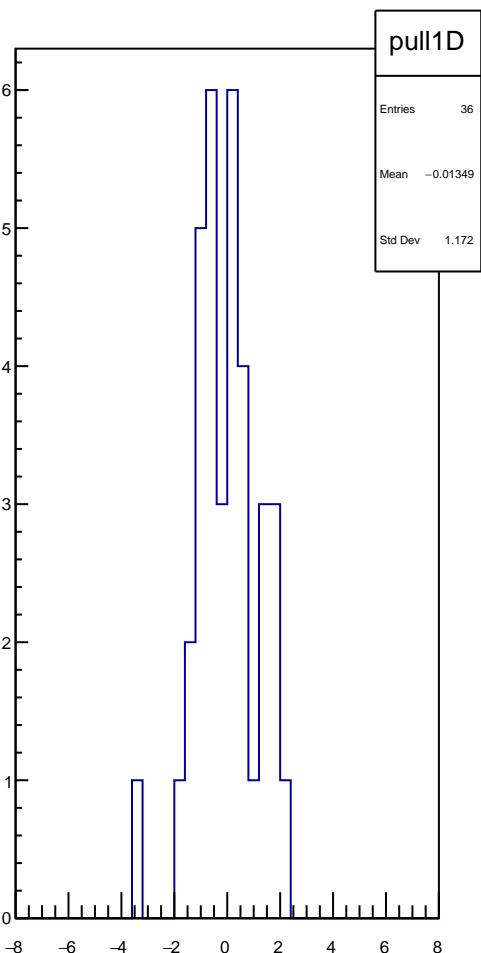
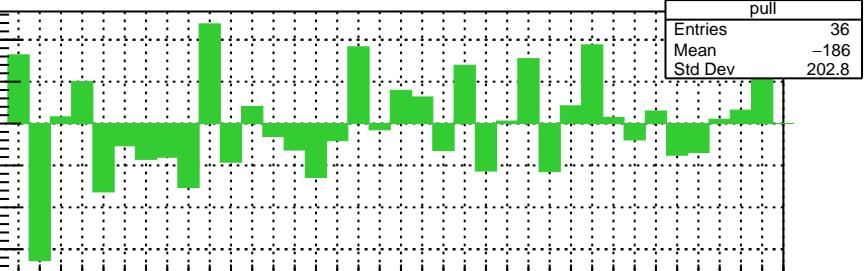
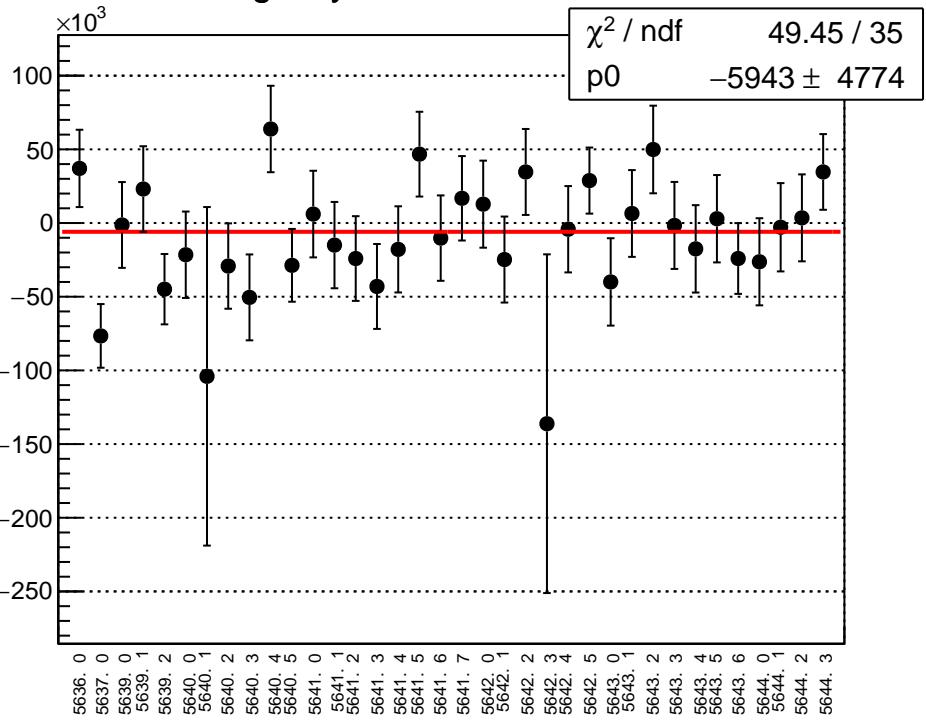
# asym\_atl2\_mean vs run



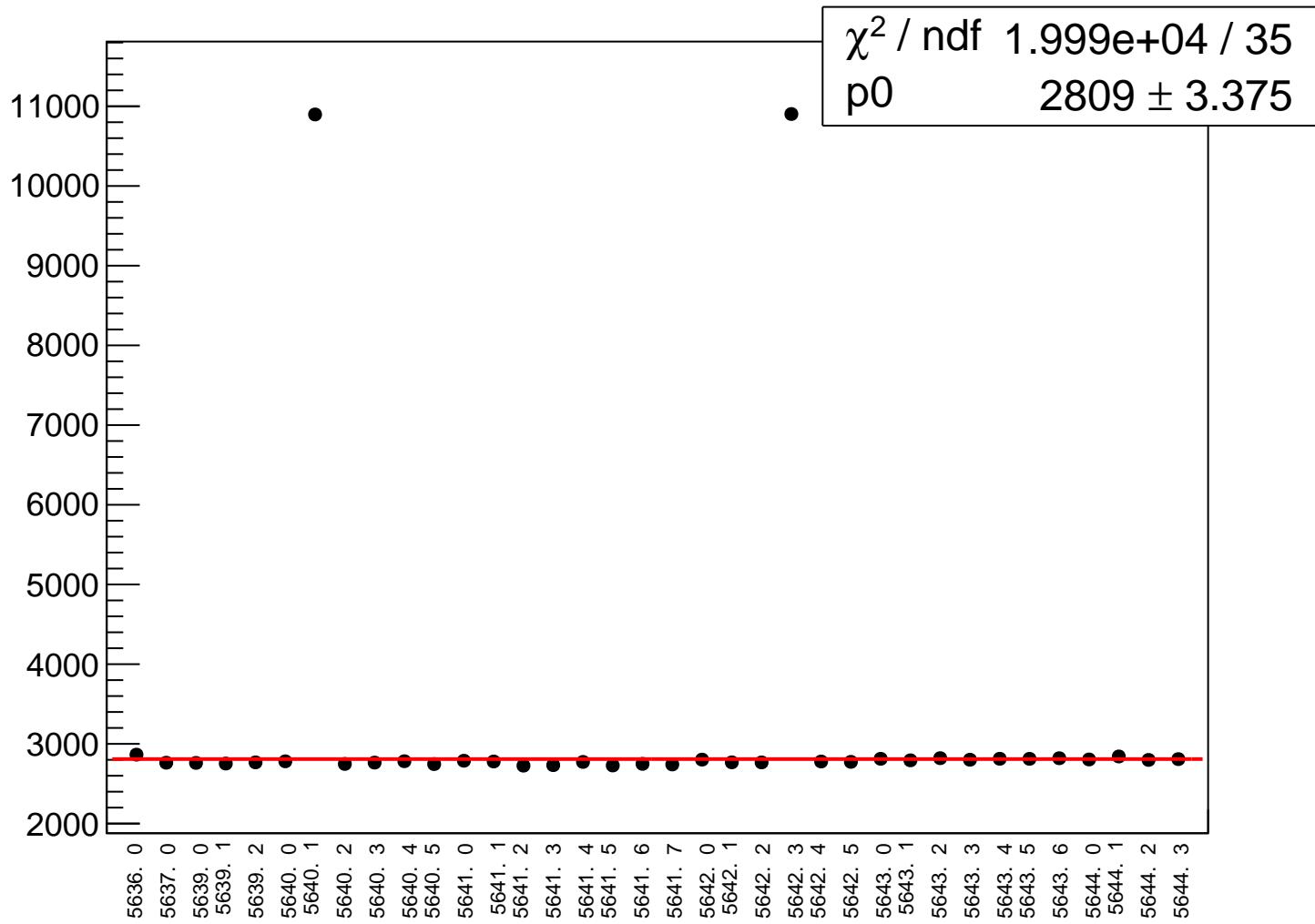
# asym\_atl2\_rms vs run



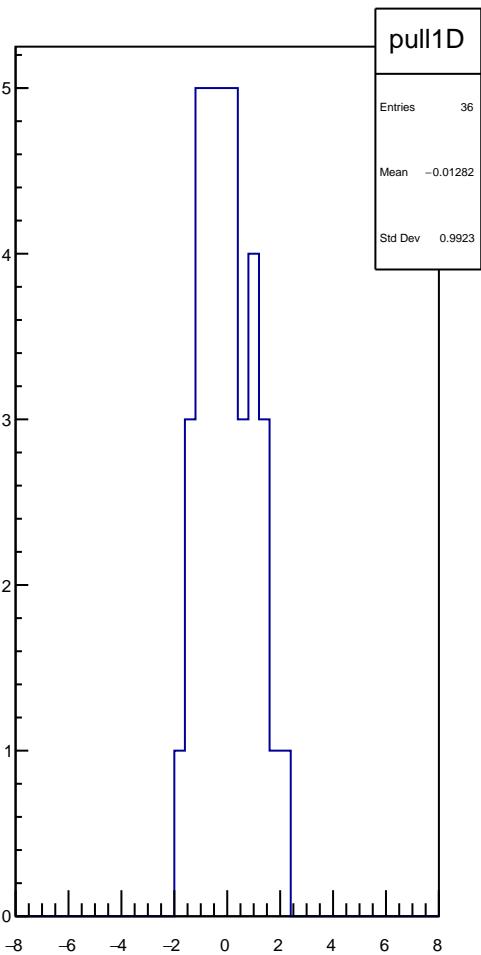
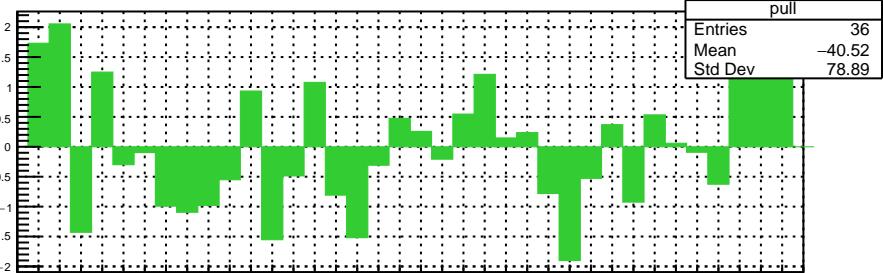
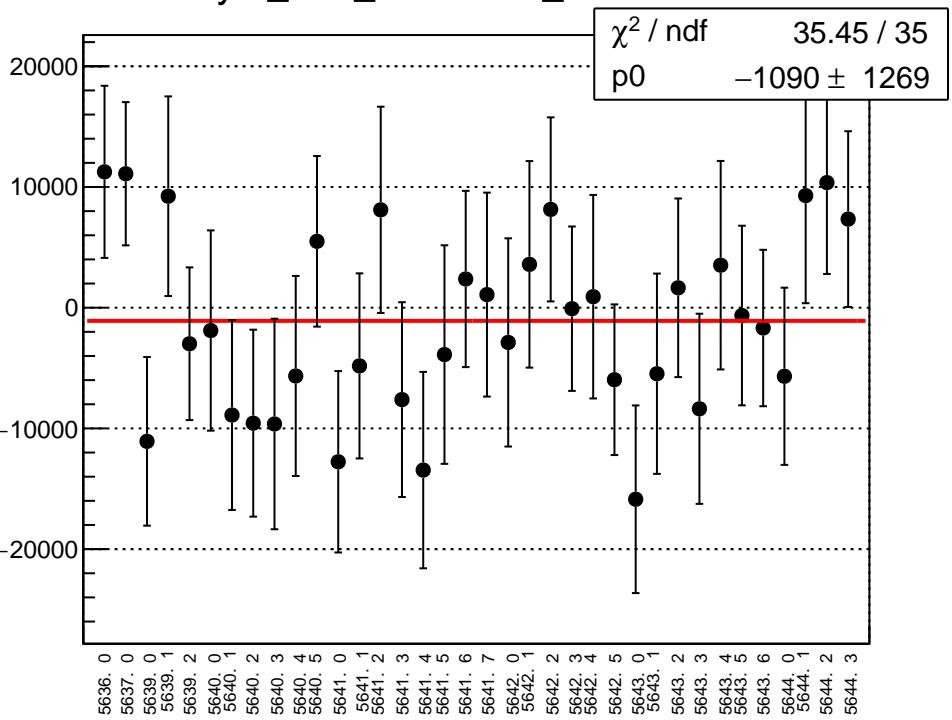
# reg\_asym\_atr1\_mean vs run



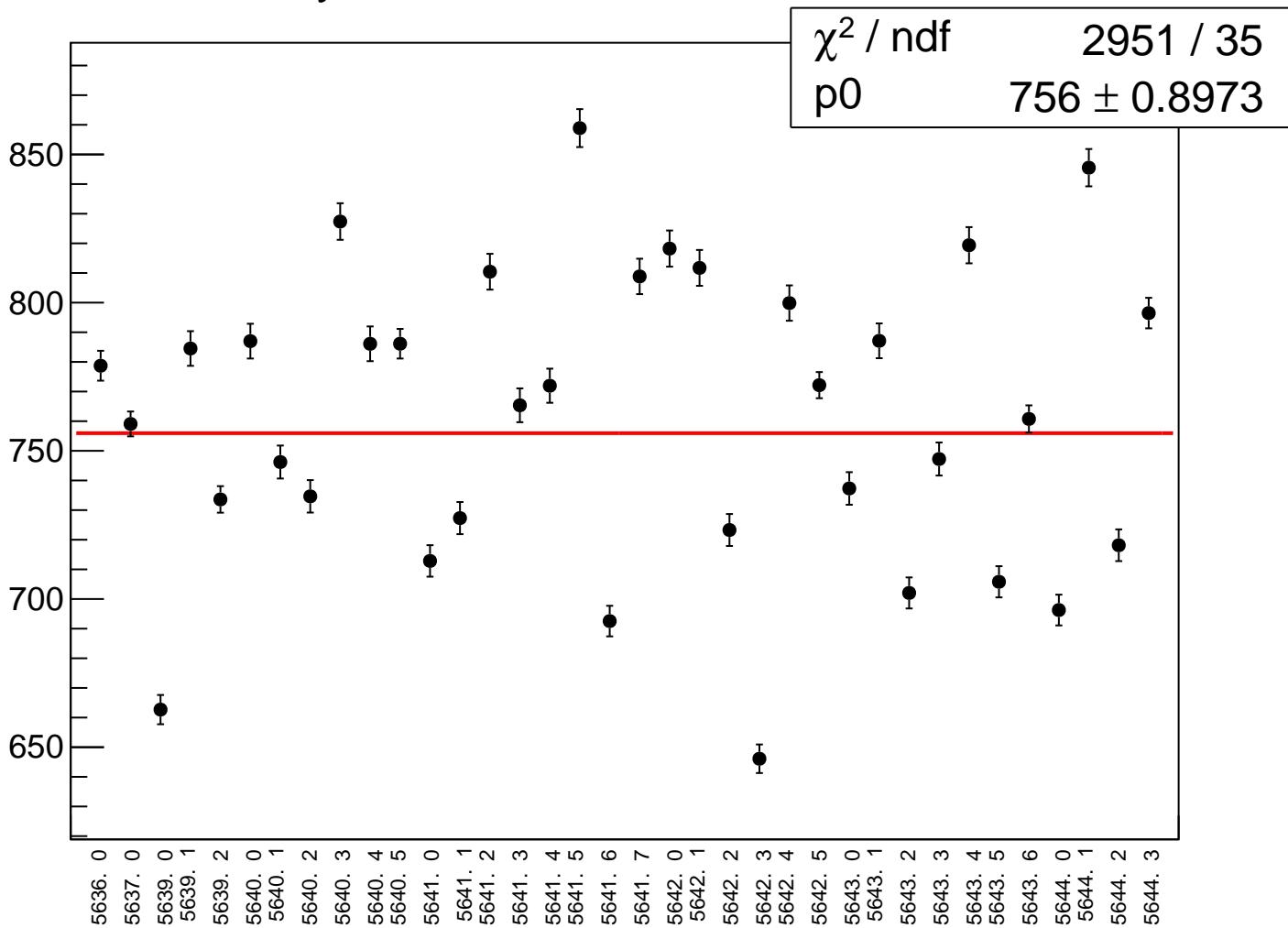
# reg\_asym\_attr1\_rms vs run



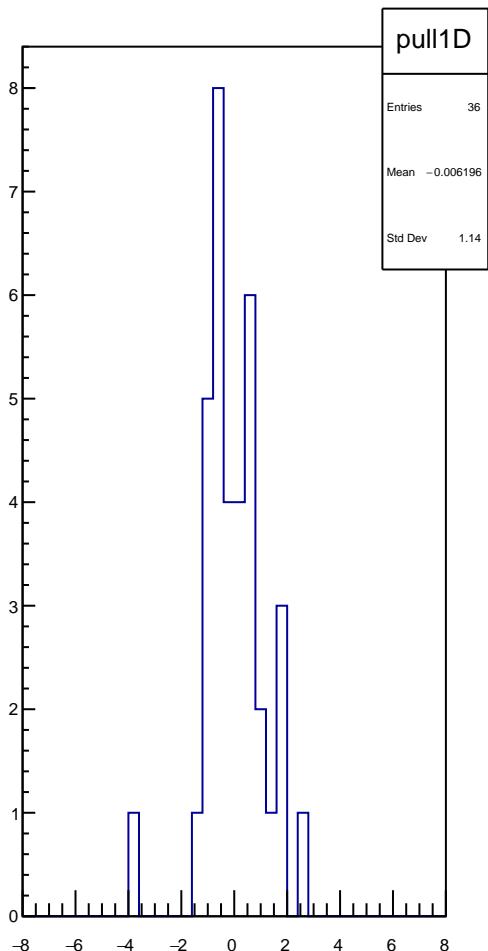
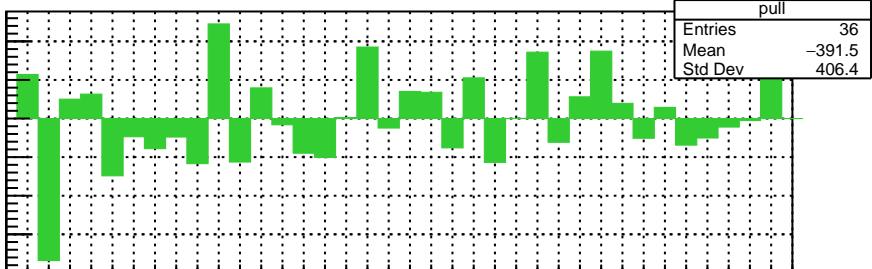
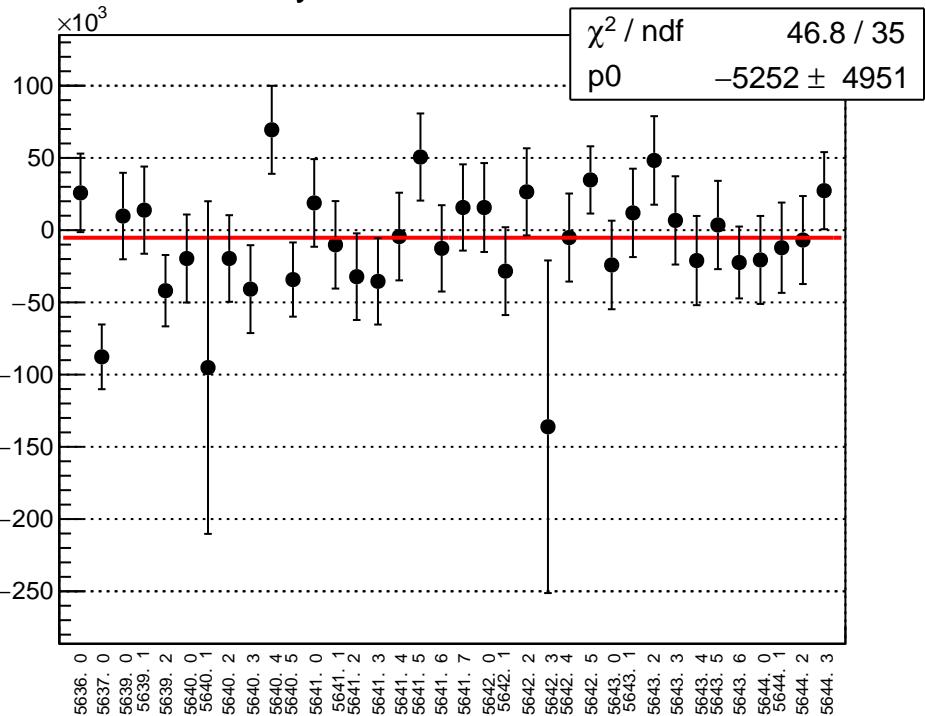
# asym\_atr1\_correction\_mean vs run



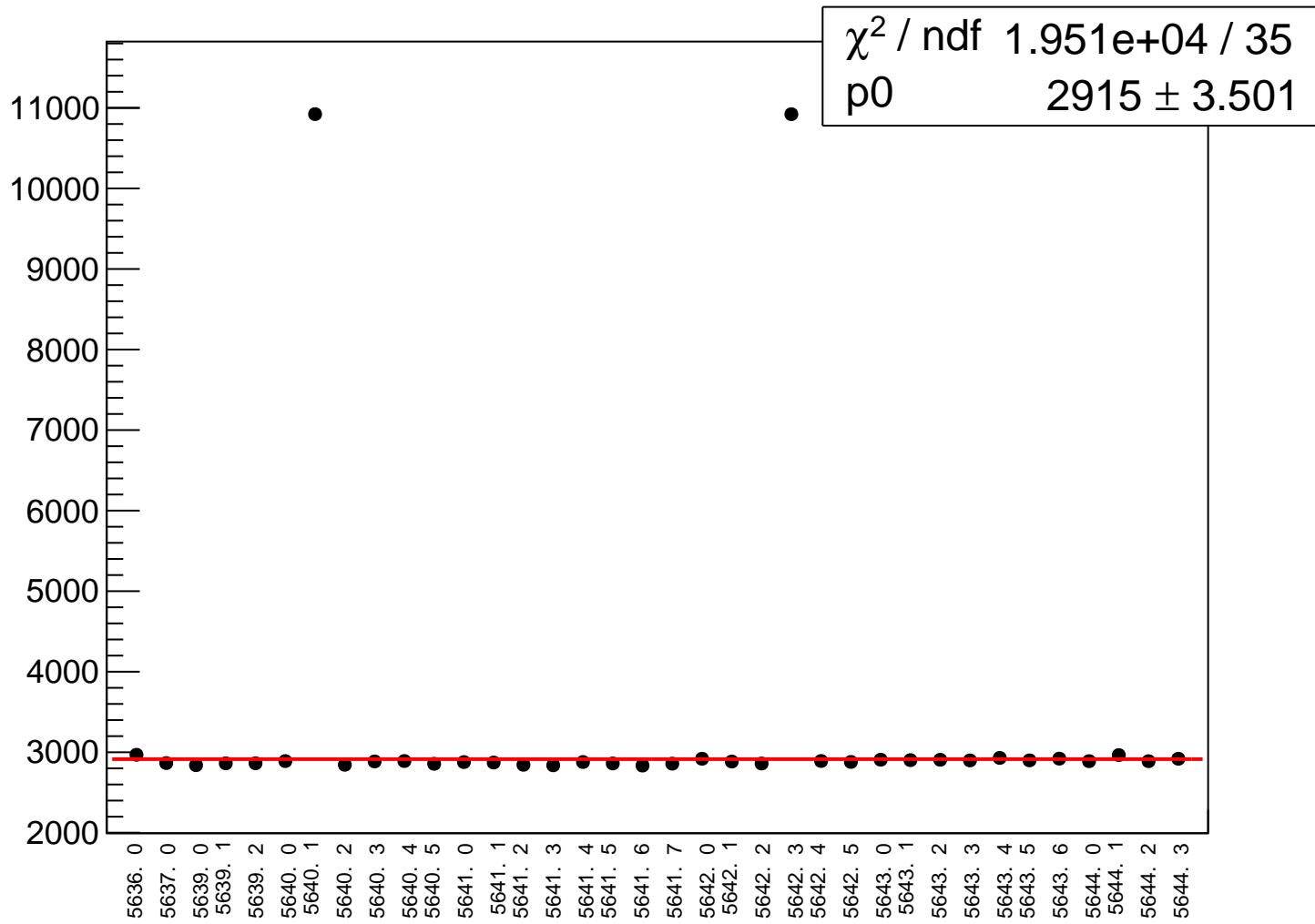
# asym\_attr1\_correction\_rms vs run



# asym\_atr1\_mean vs run



# asym\_atr1\_rms vs run



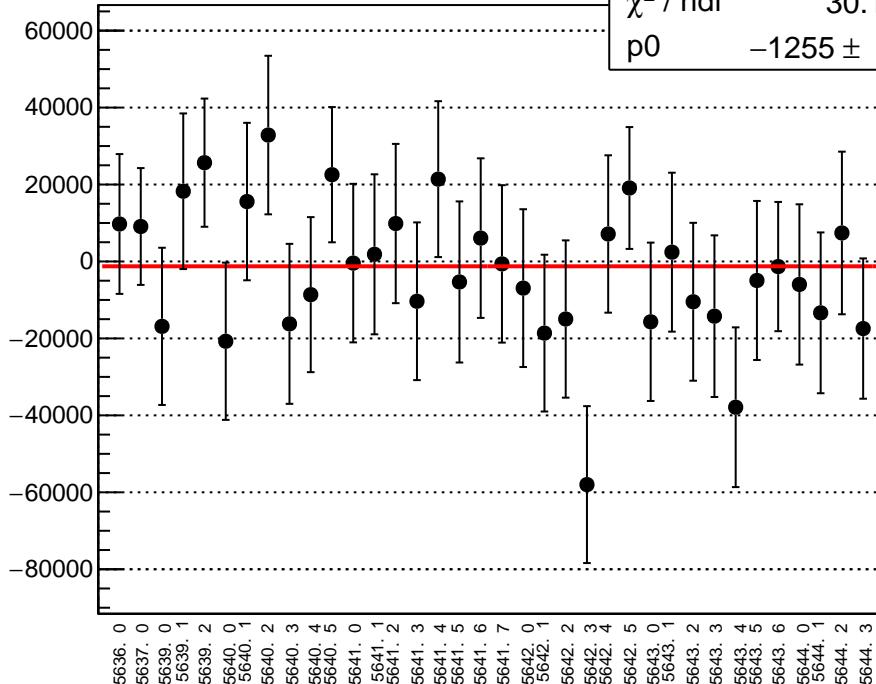
# reg\_asym\_atr2\_mean vs run

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

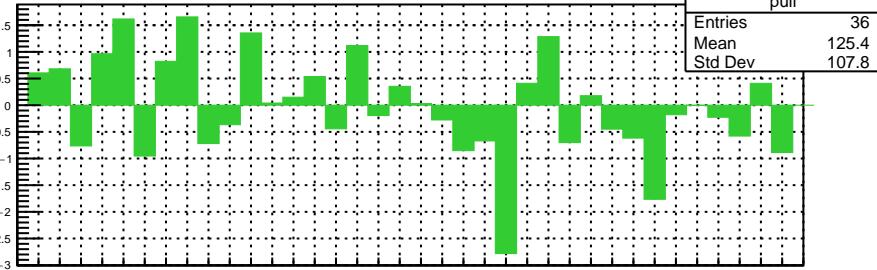
30.1 / 35

p0

$-1255 \pm 3277$



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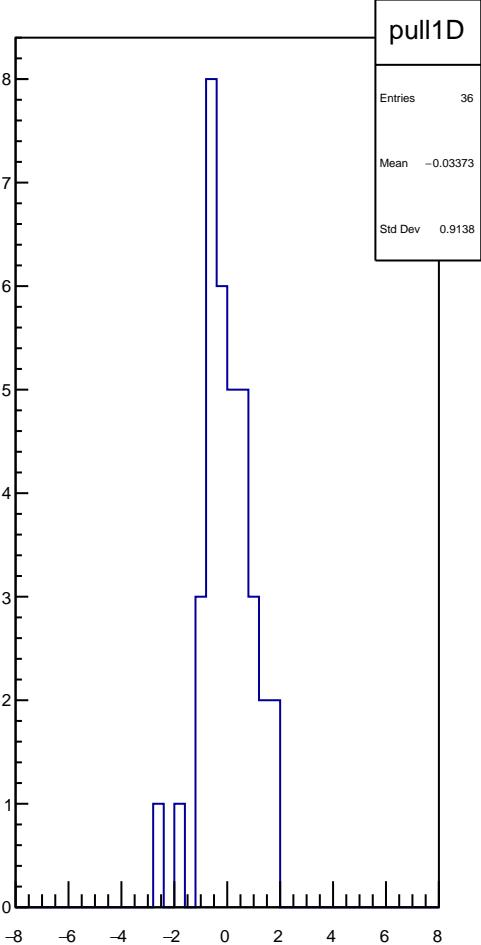


pull

Entries 36

Mean 125.4

Std Dev 107.8



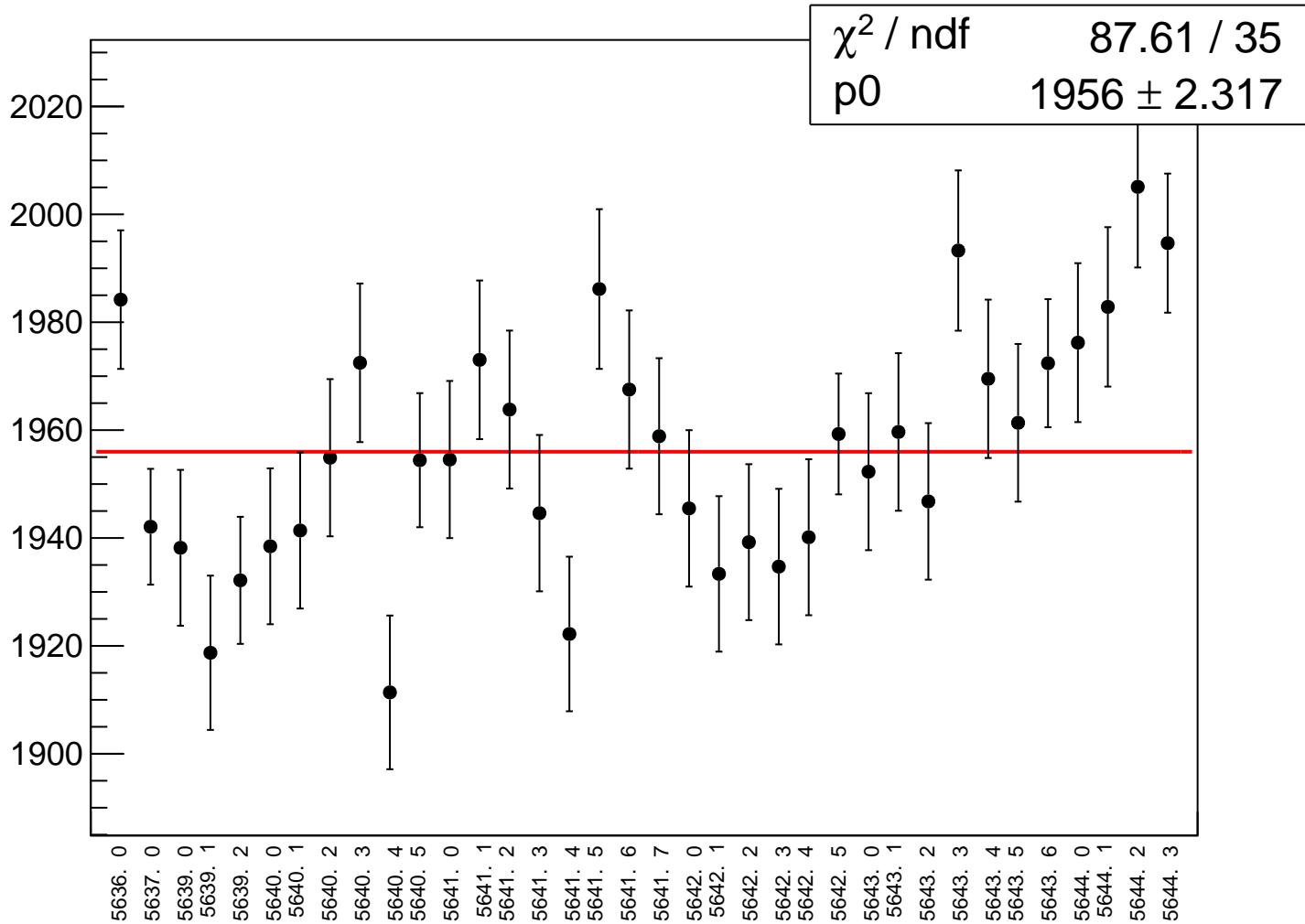
pull1D

Entries 36

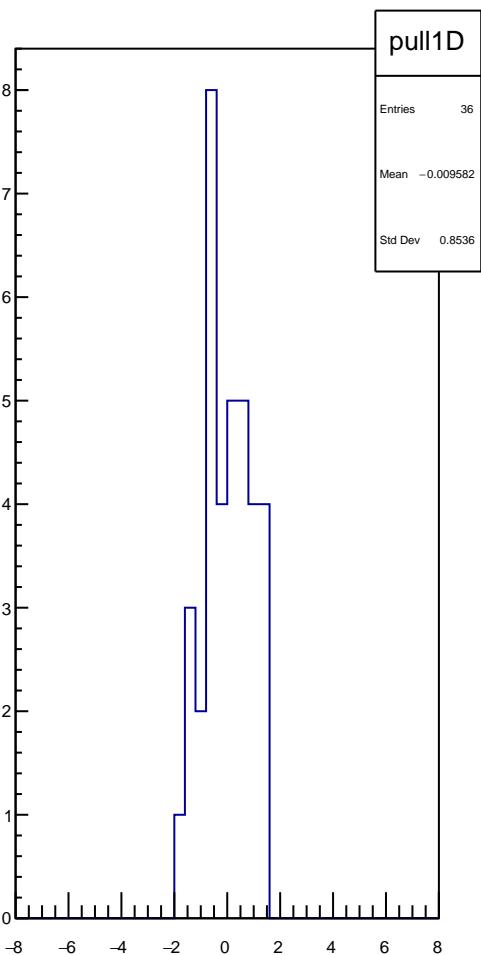
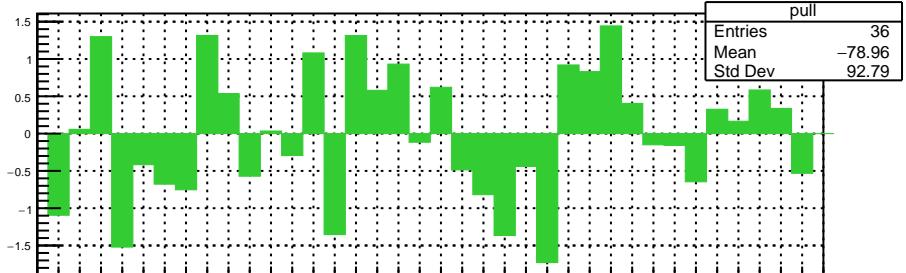
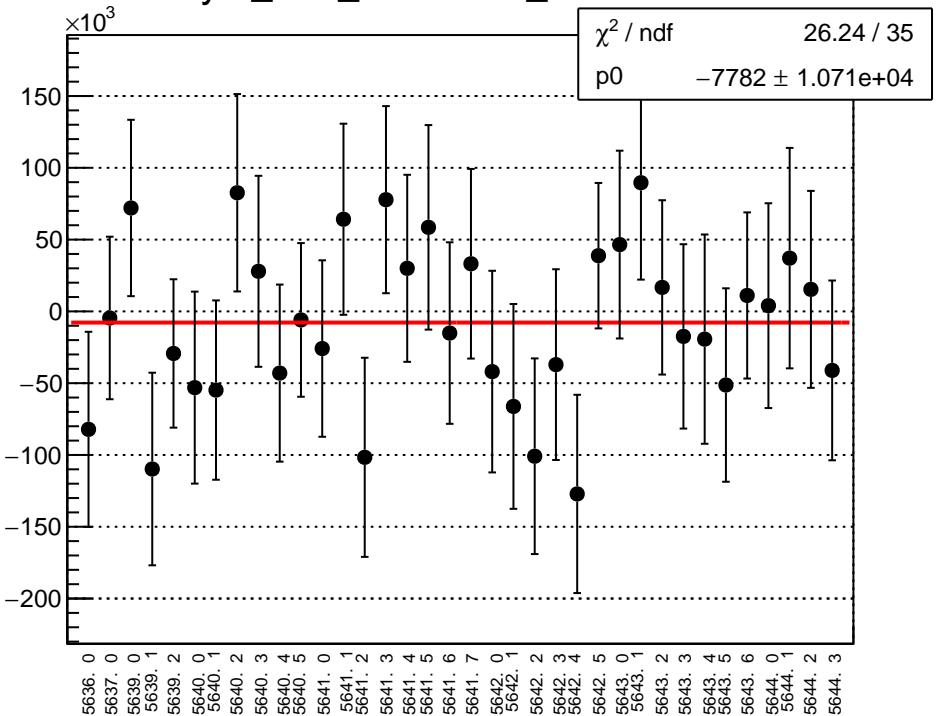
Mean -0.03373

Std Dev 0.9138

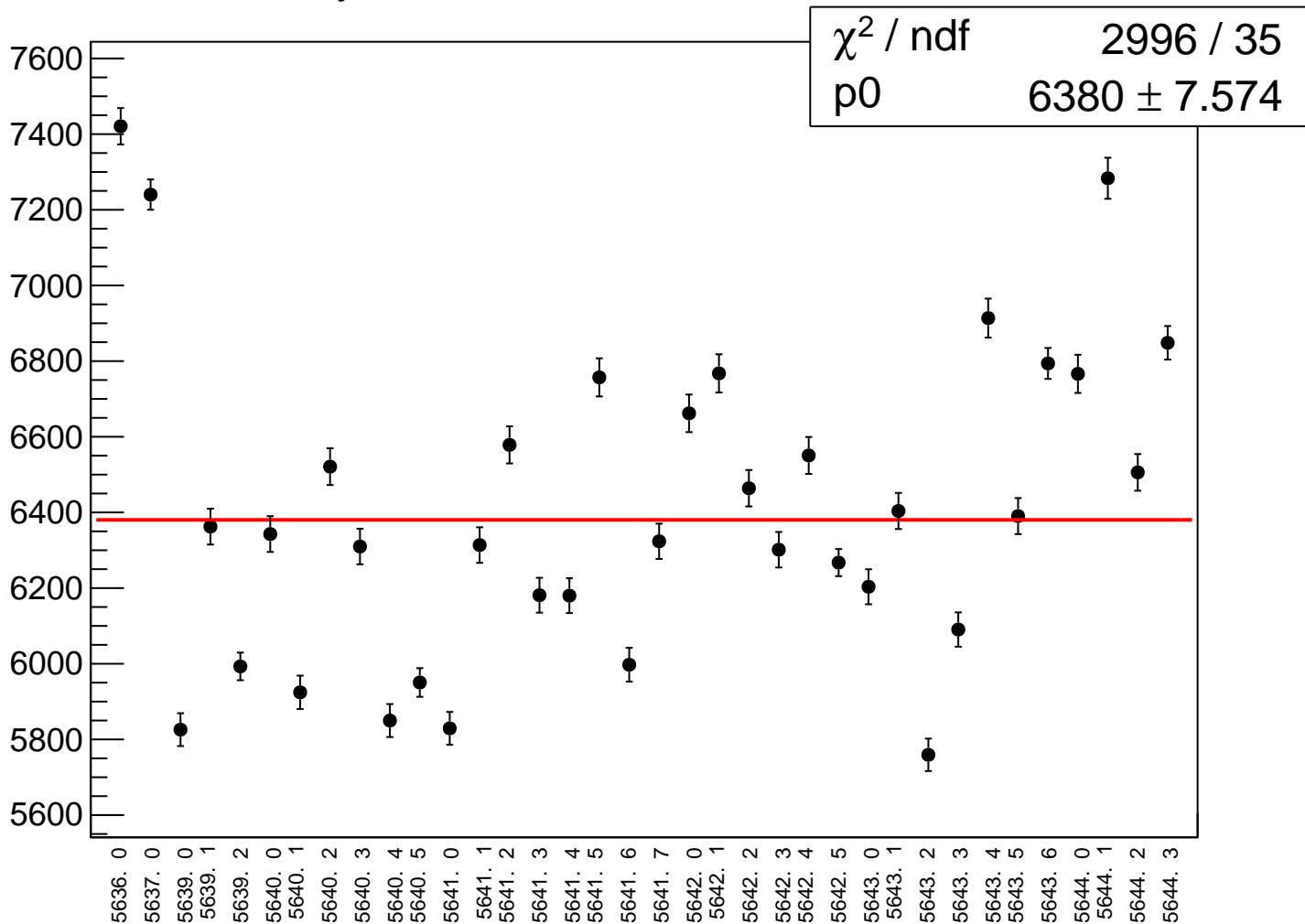
# reg\_asym\_atr2\_rms vs run



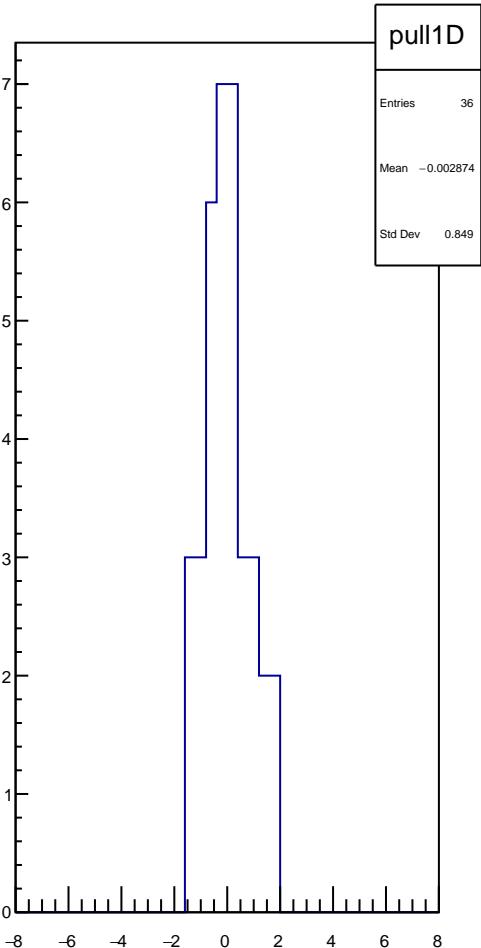
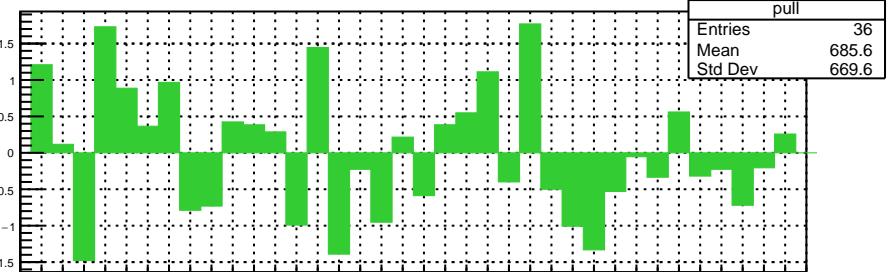
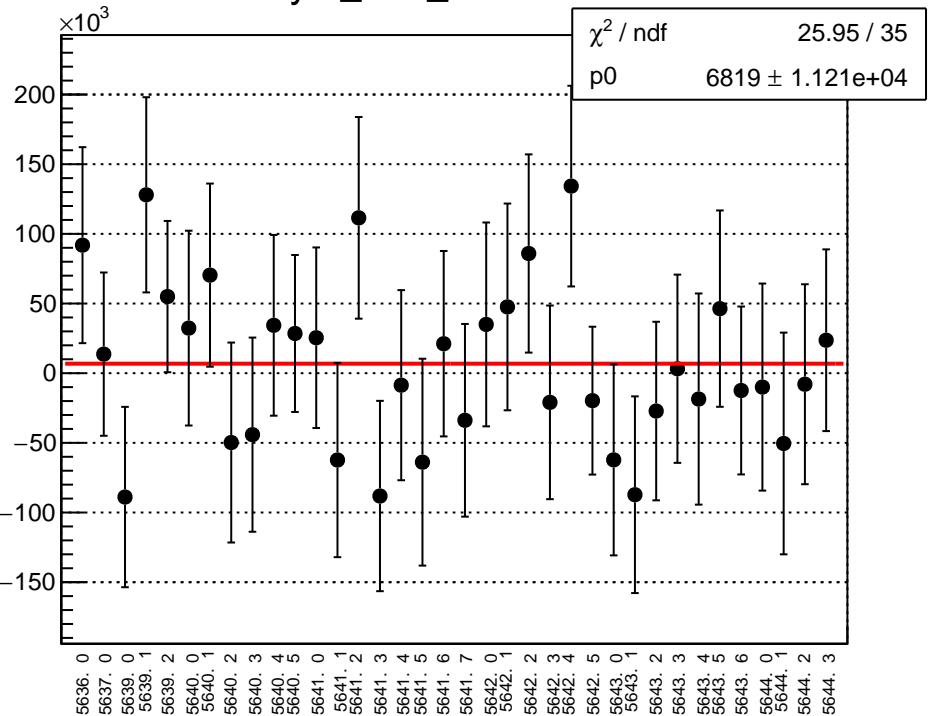
# asym\_atr2\_correction\_mean vs run



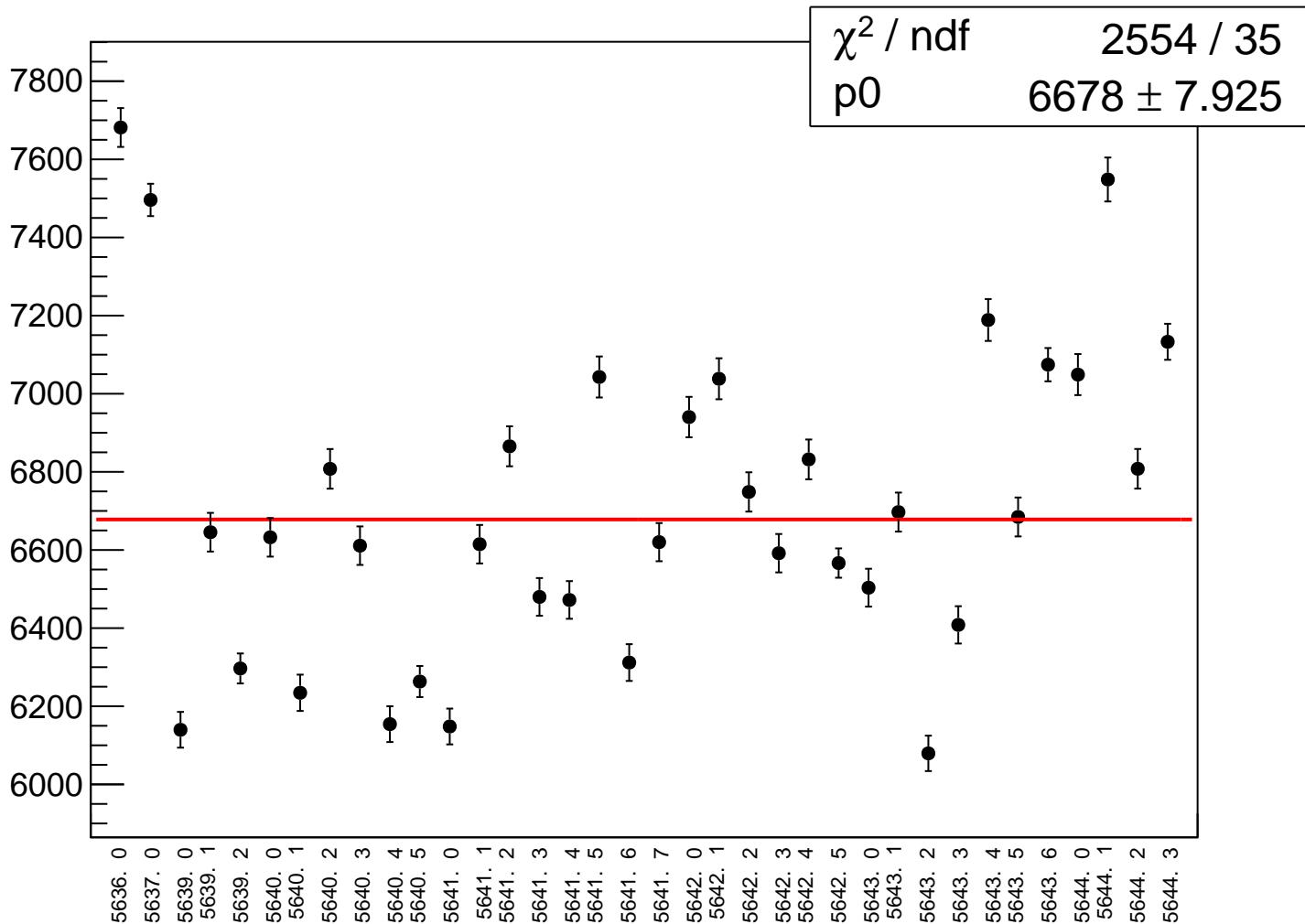
# asym\_attr2\_correction\_rms vs run



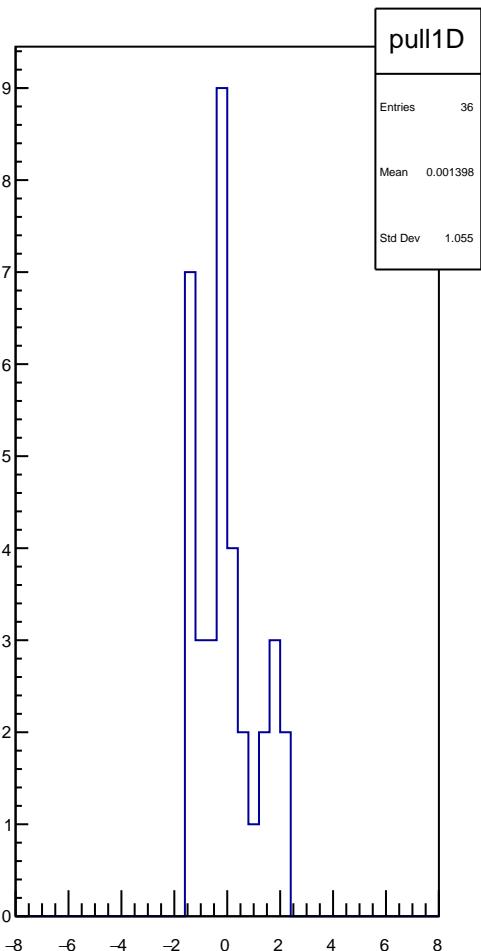
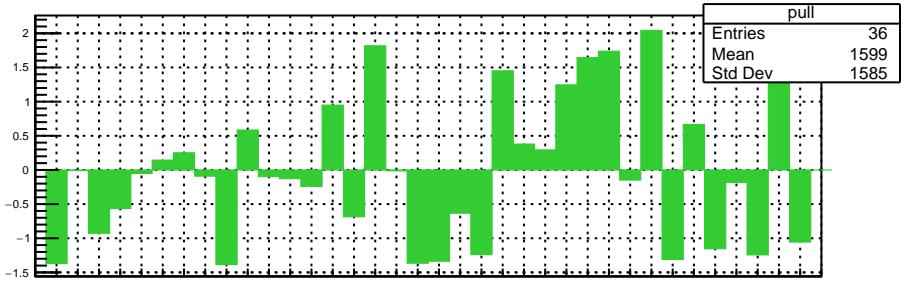
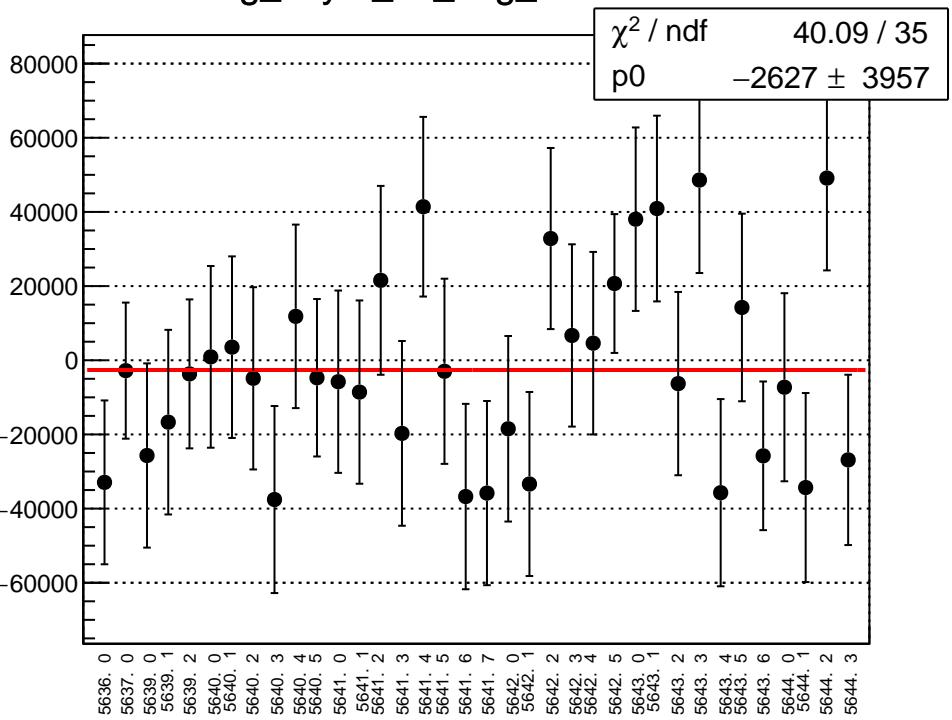
# asym\_atr2\_mean vs run



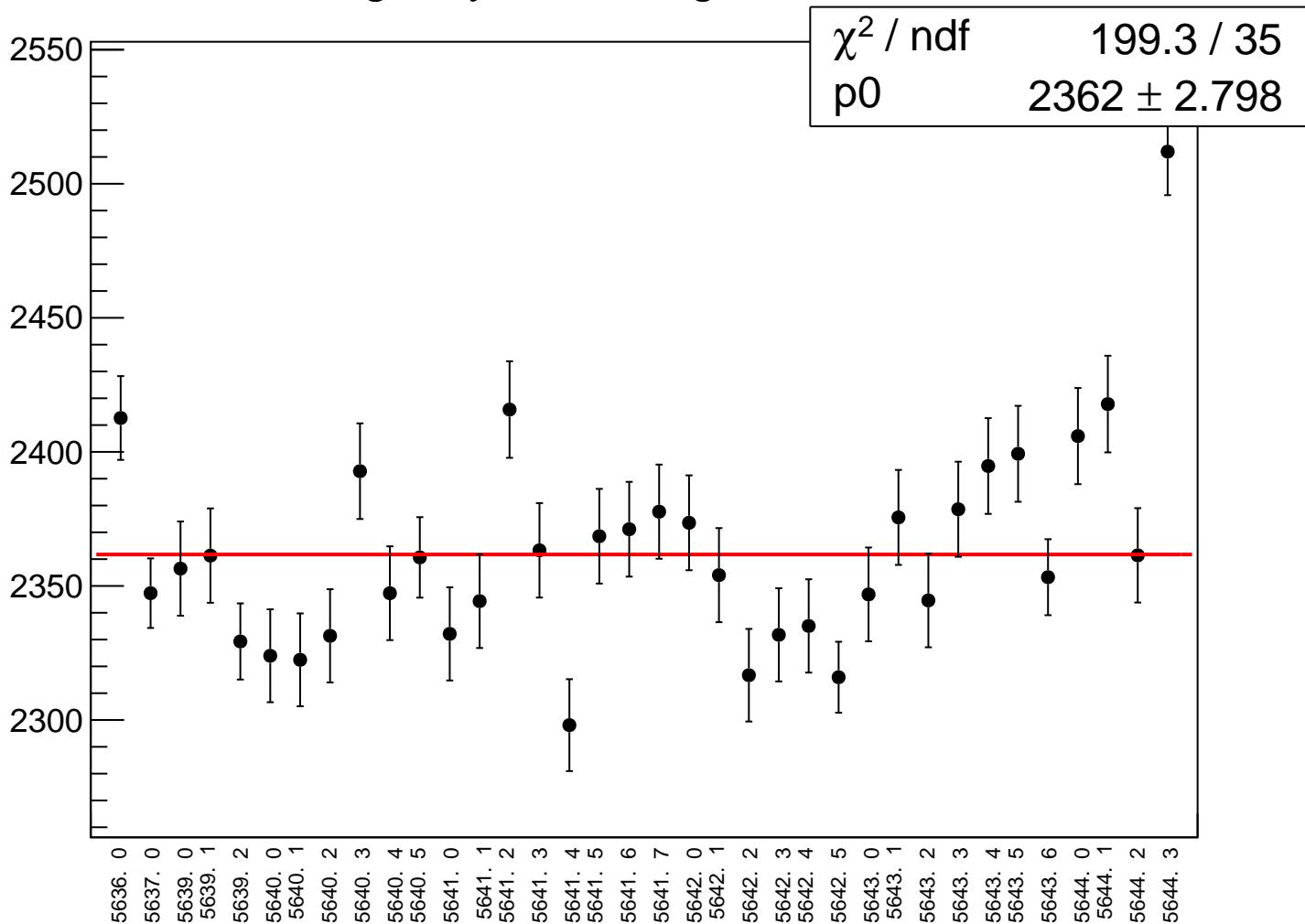
# asym\_atr2\_rms vs run



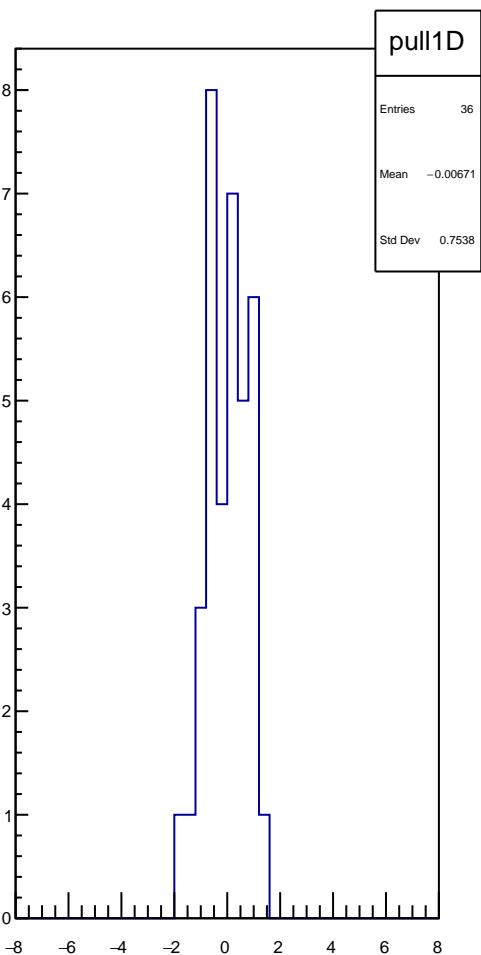
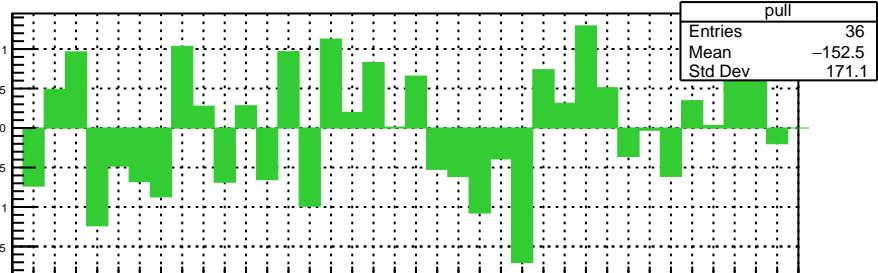
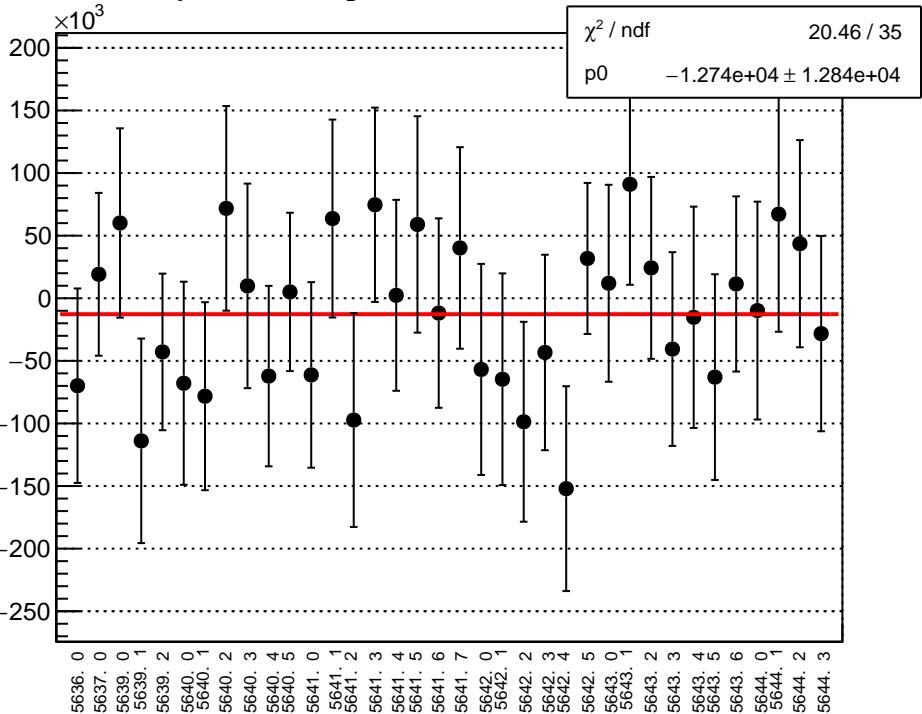
# reg\_asym\_atl\_avg\_mean vs run



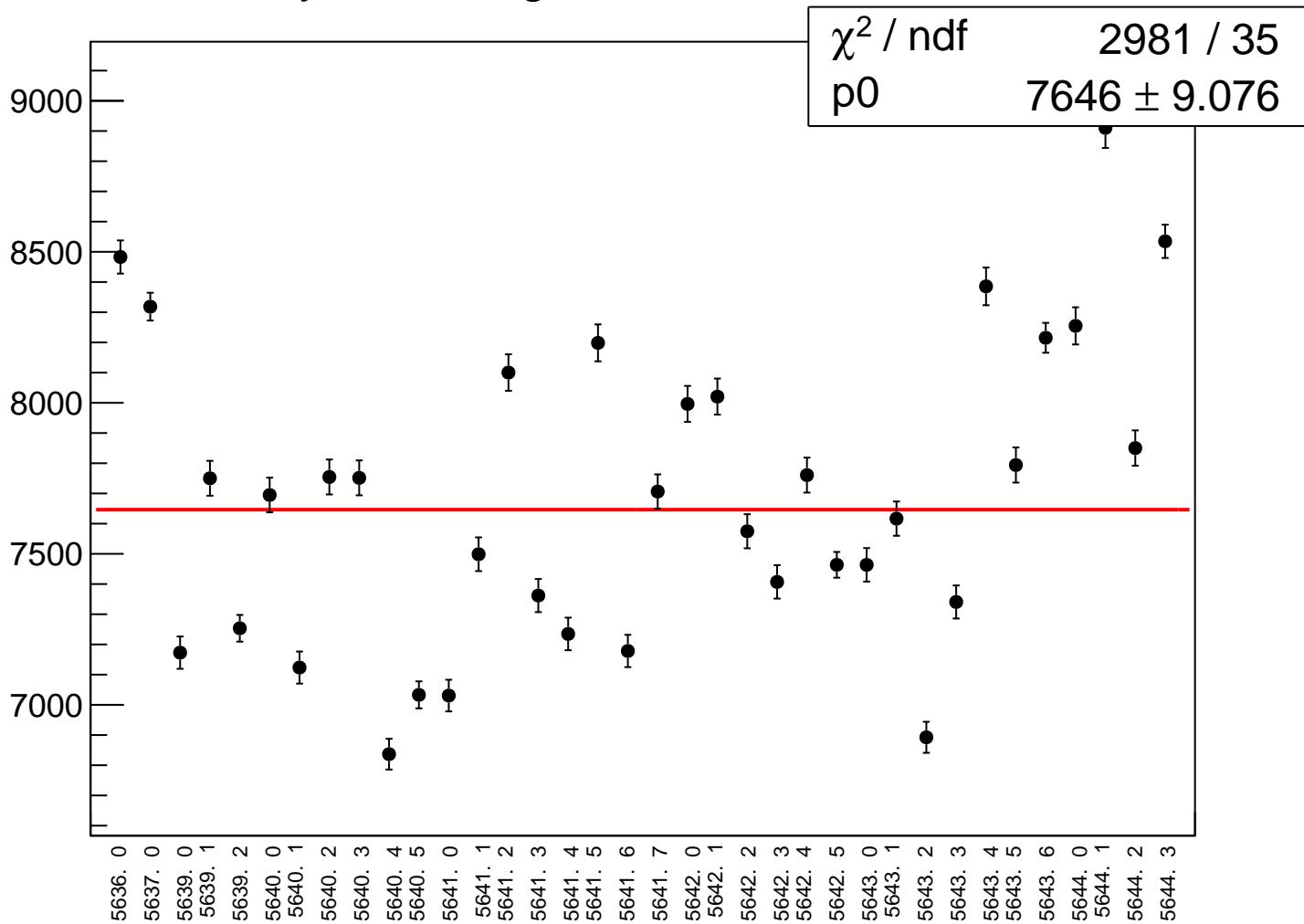
# reg\_asym\_atl\_avg\_rms vs run



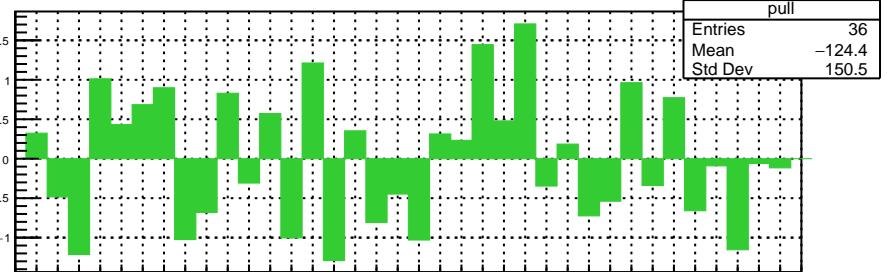
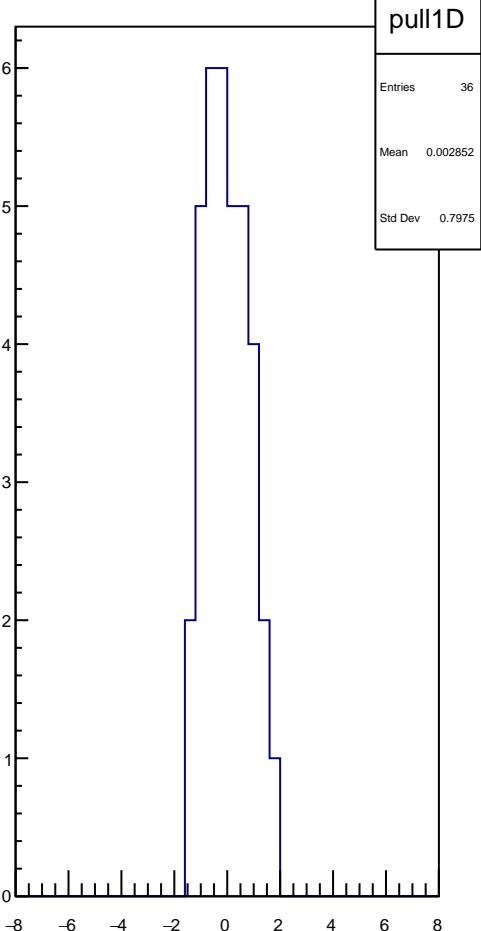
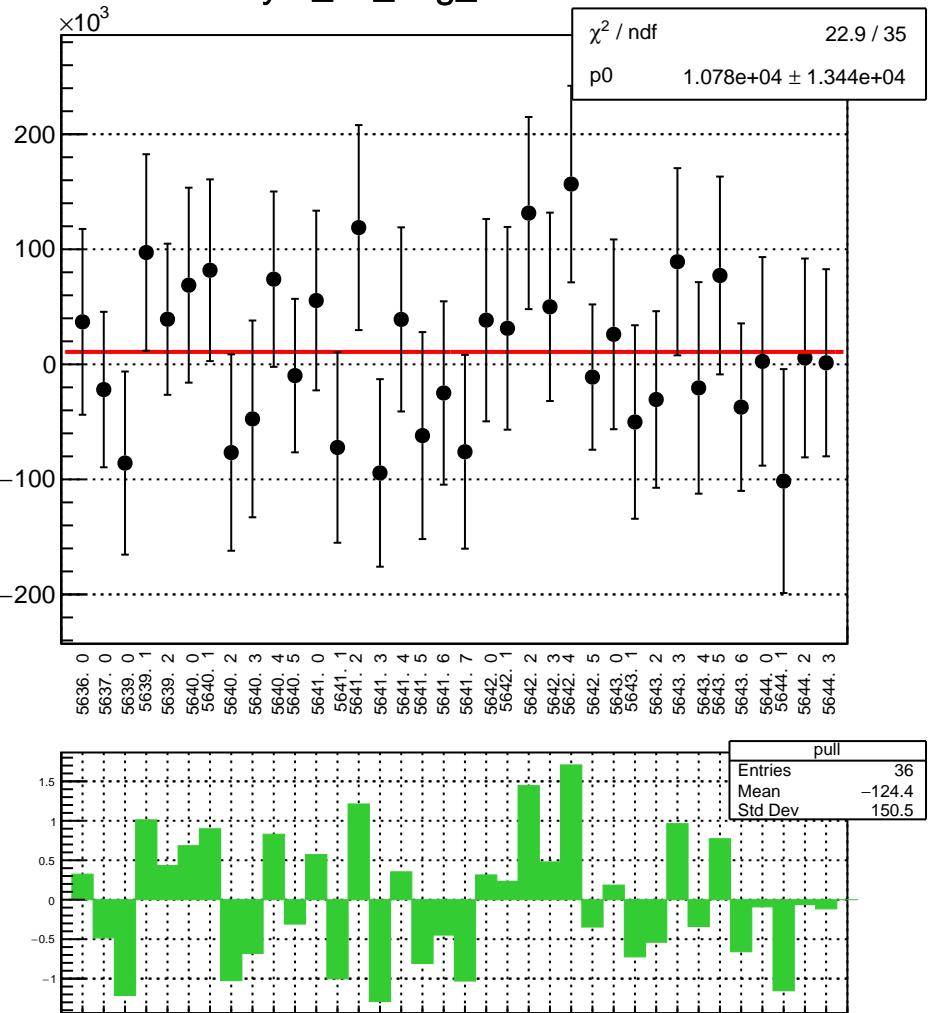
# asym\_atl\_avg\_correction\_mean vs run



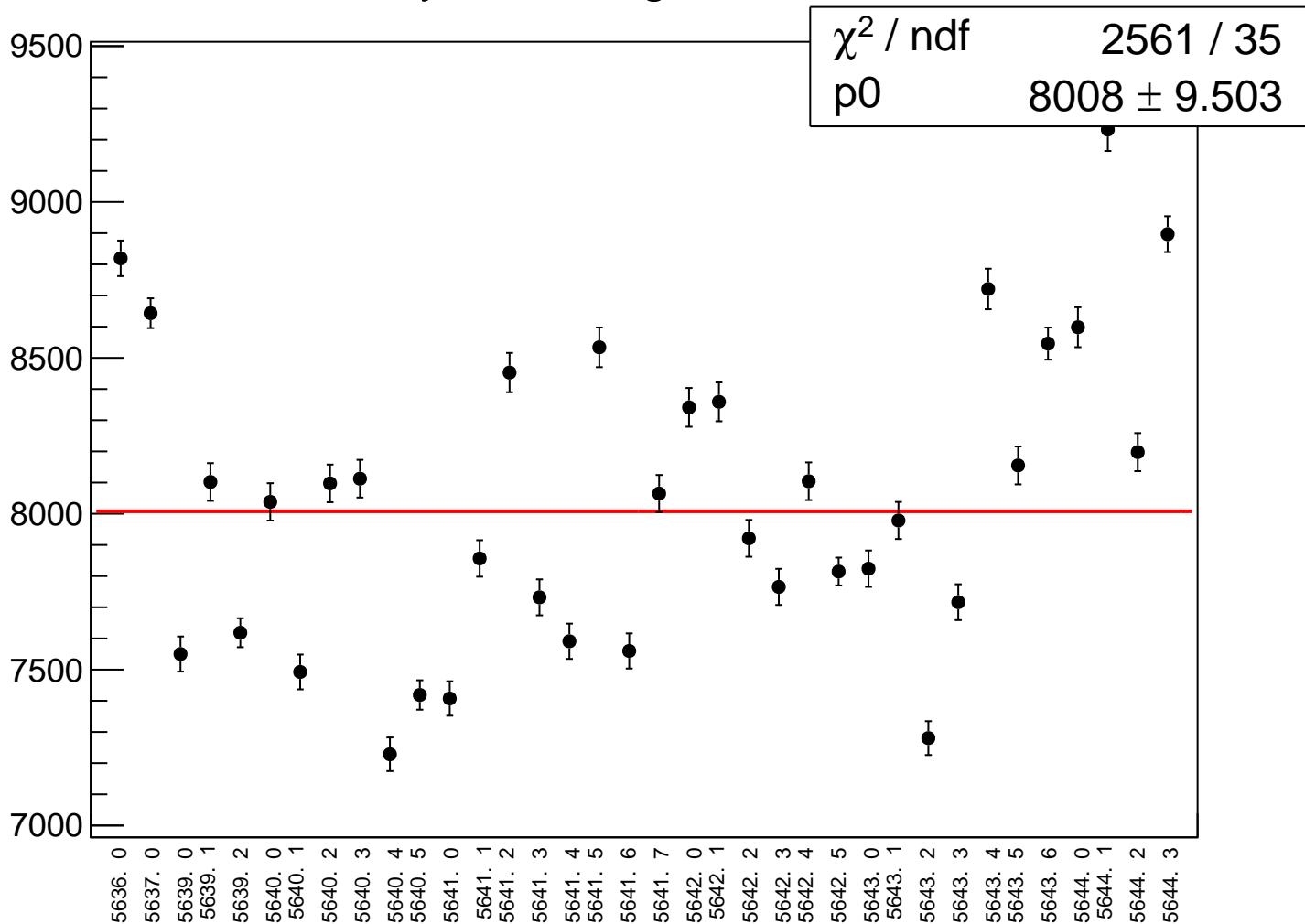
# asym\_atl\_avg\_correction\_rms vs run



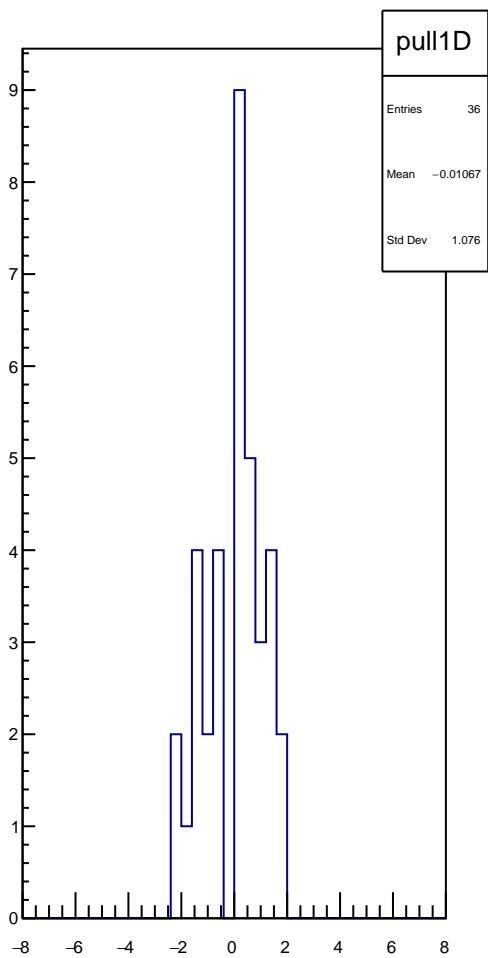
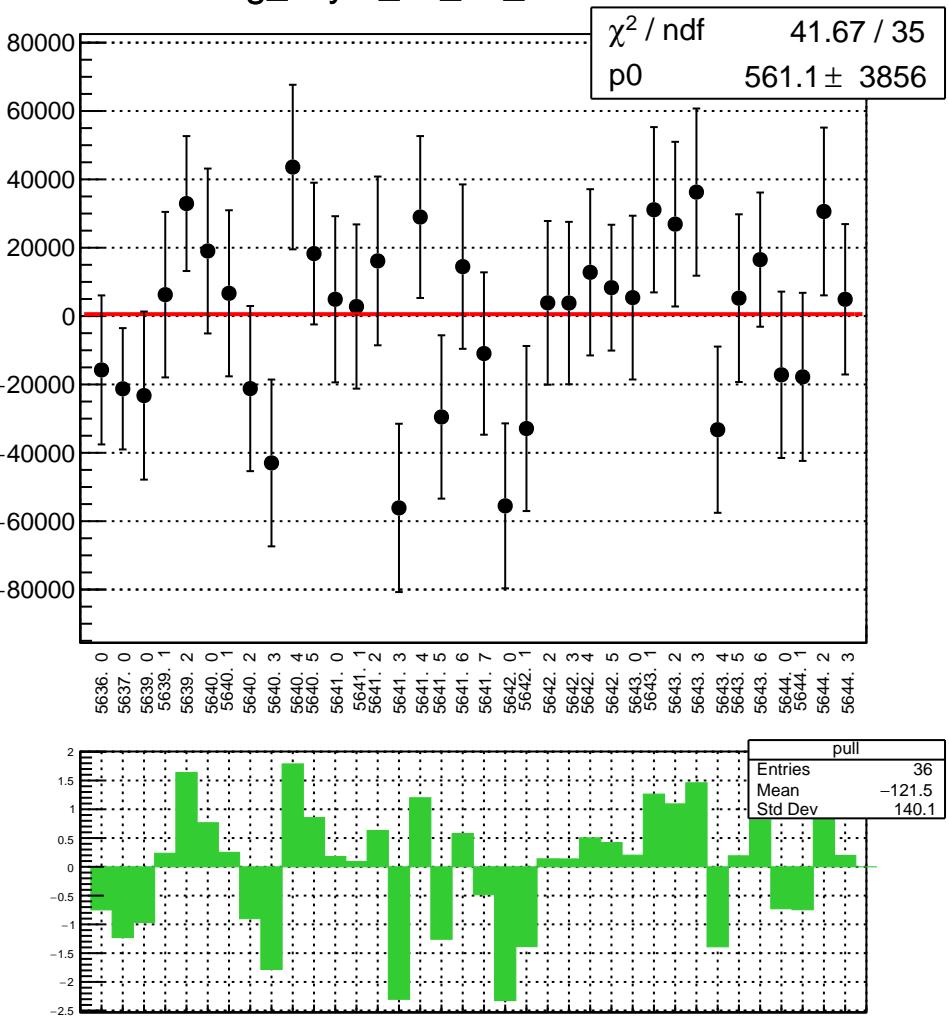
# asym\_atl\_avg\_mean vs run



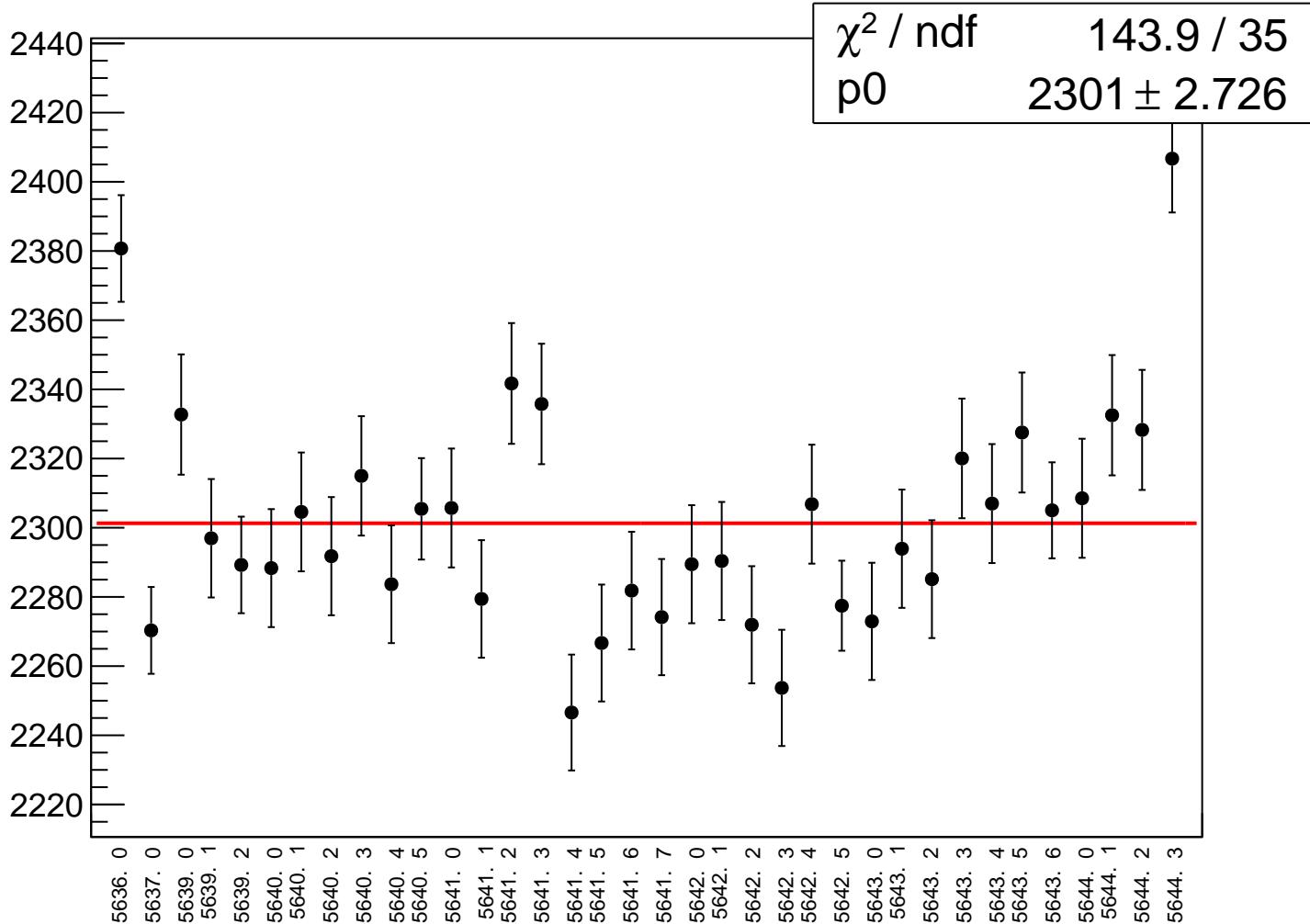
# asym\_atl\_avg\_rms vs run



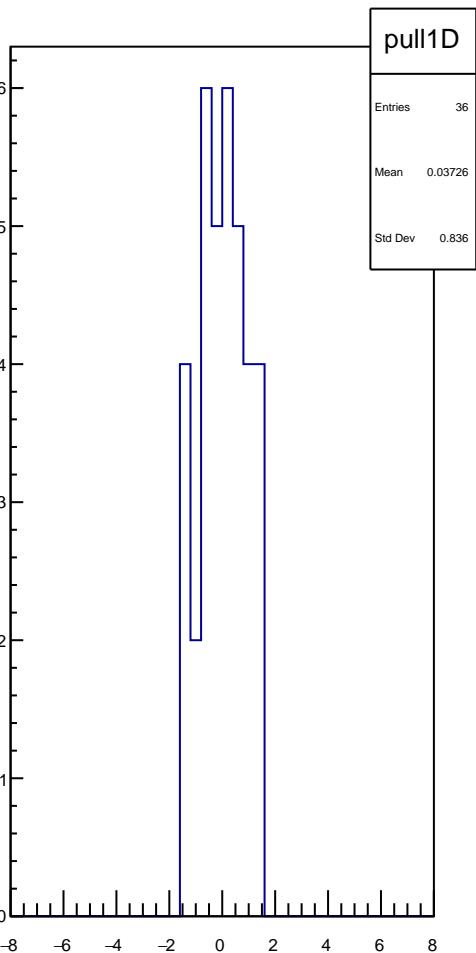
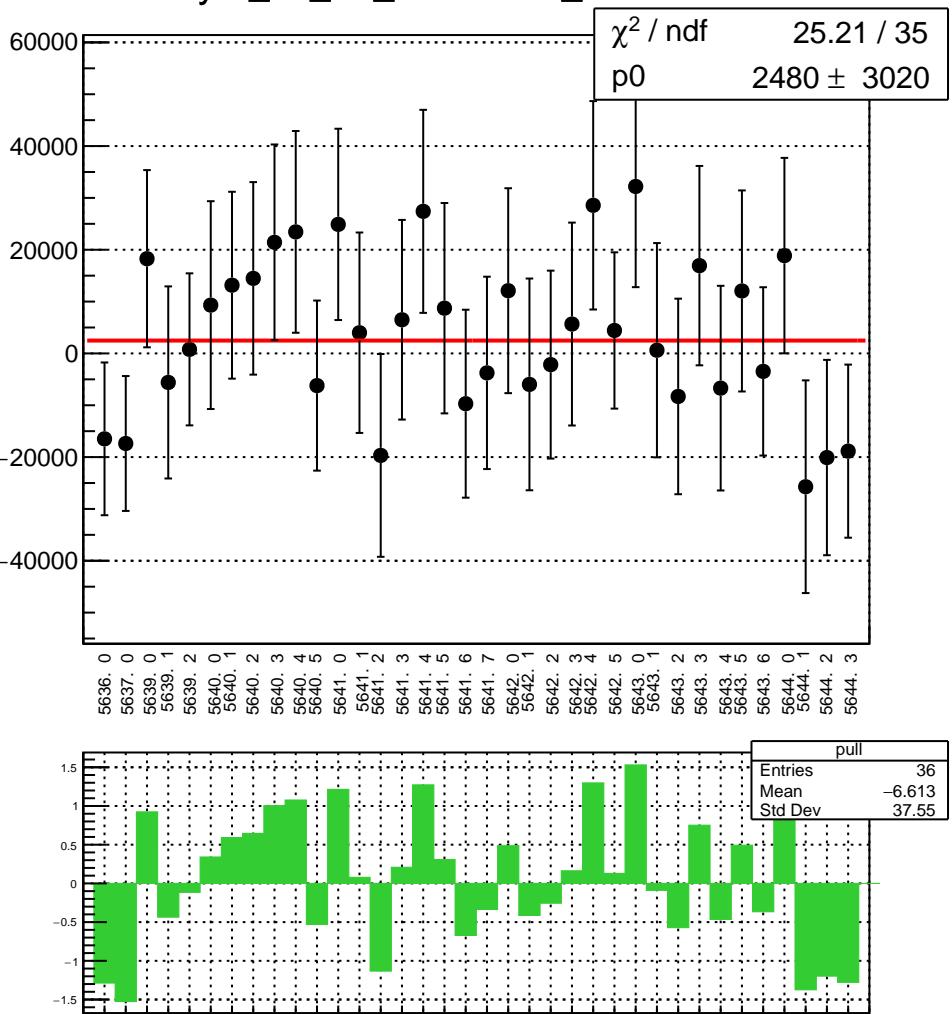
# reg\_asym\_atl\_dd\_mean vs run



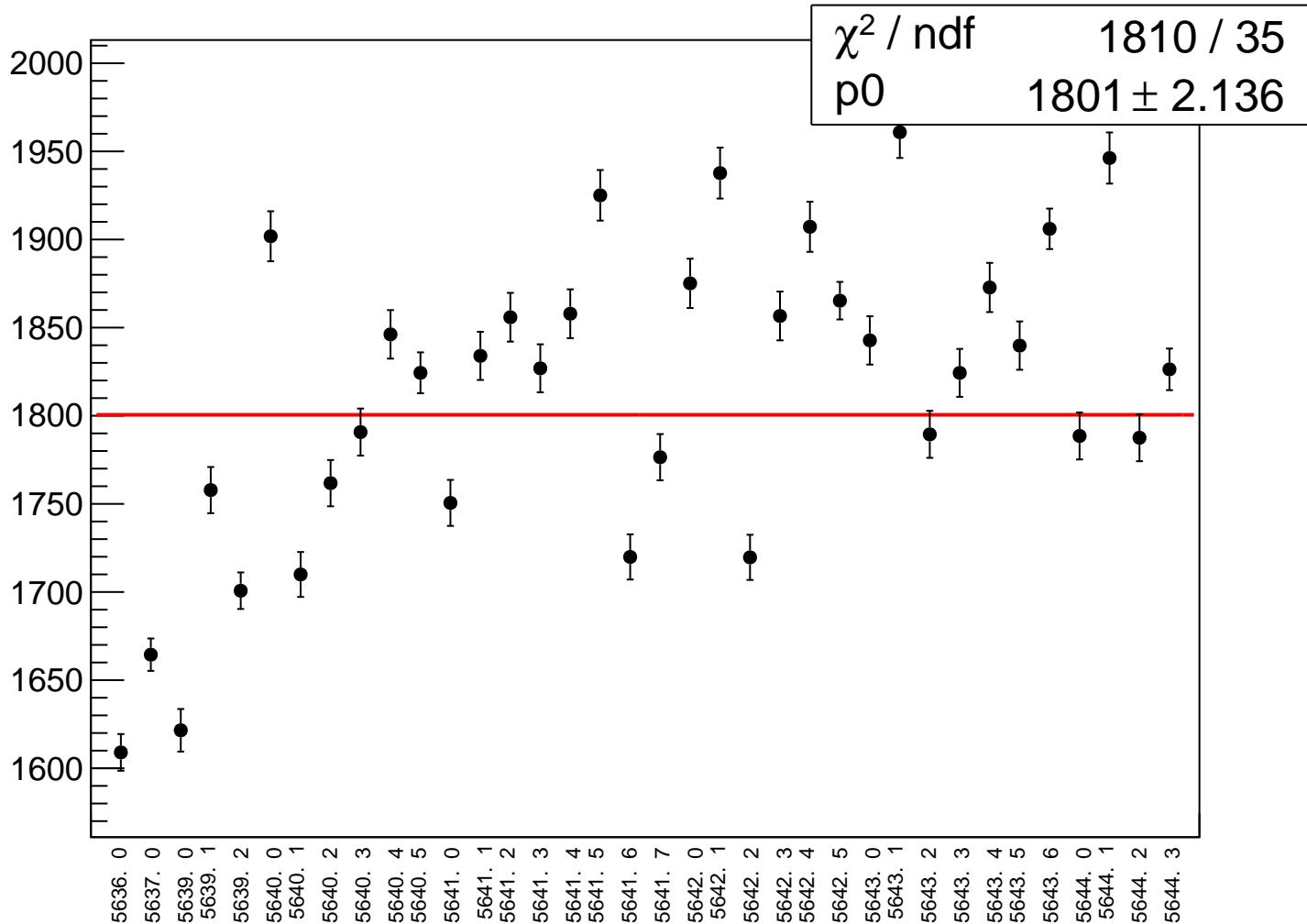
# reg\_asym\_atl\_dd\_rms vs run



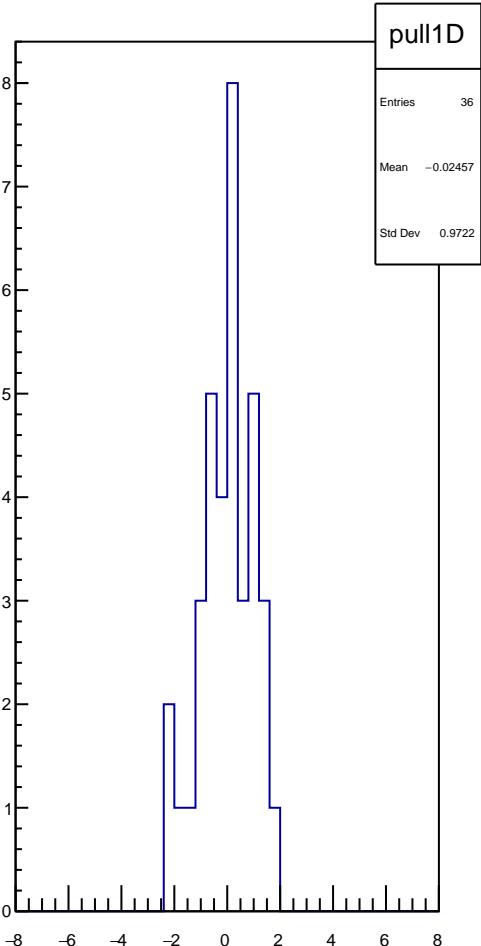
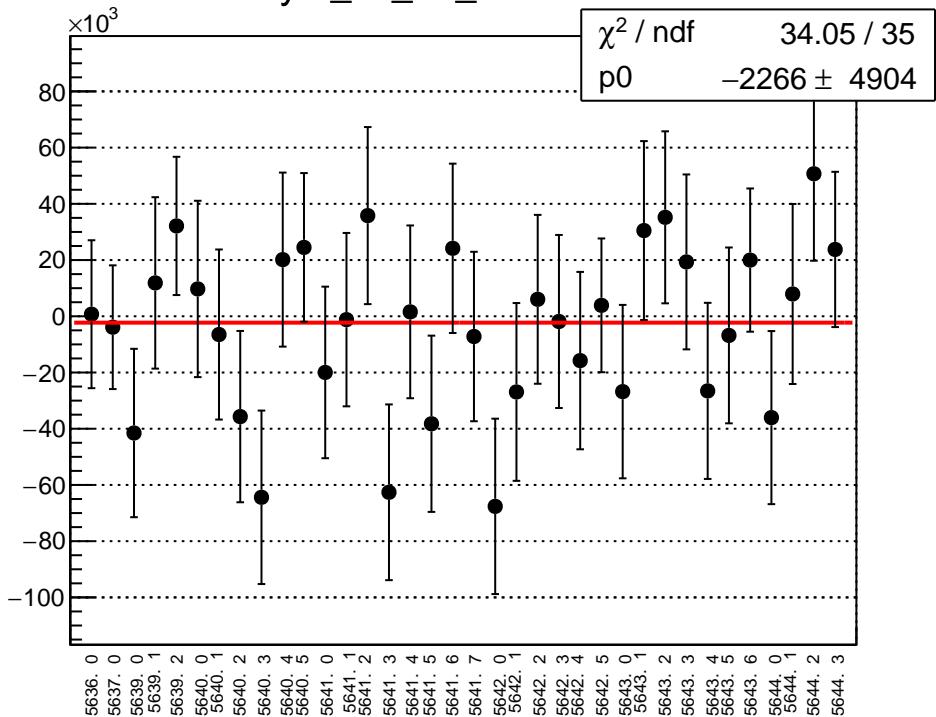
# asym\_atl\_dd\_correction\_mean vs run



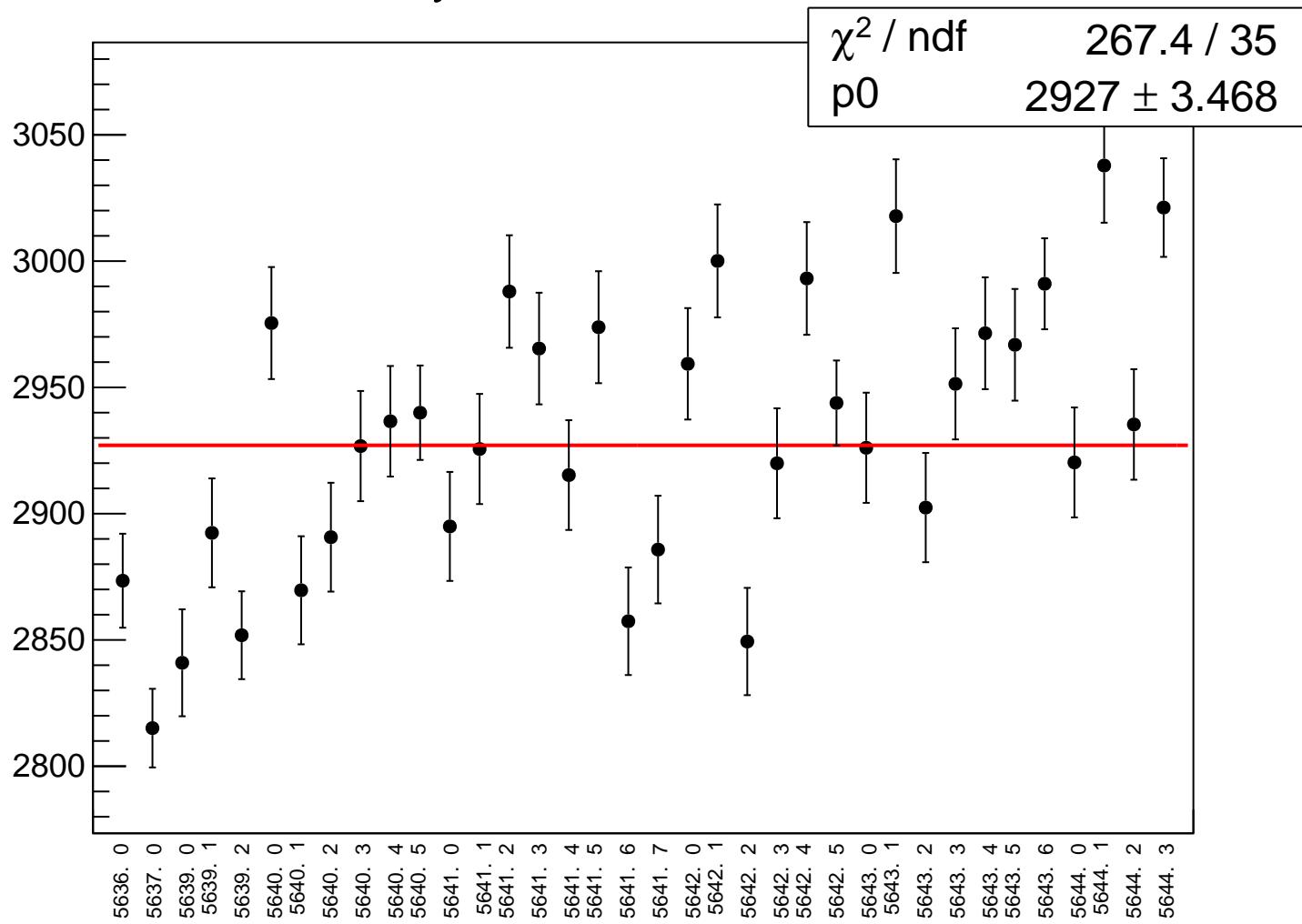
# asym\_atl\_dd\_correction\_rms vs run

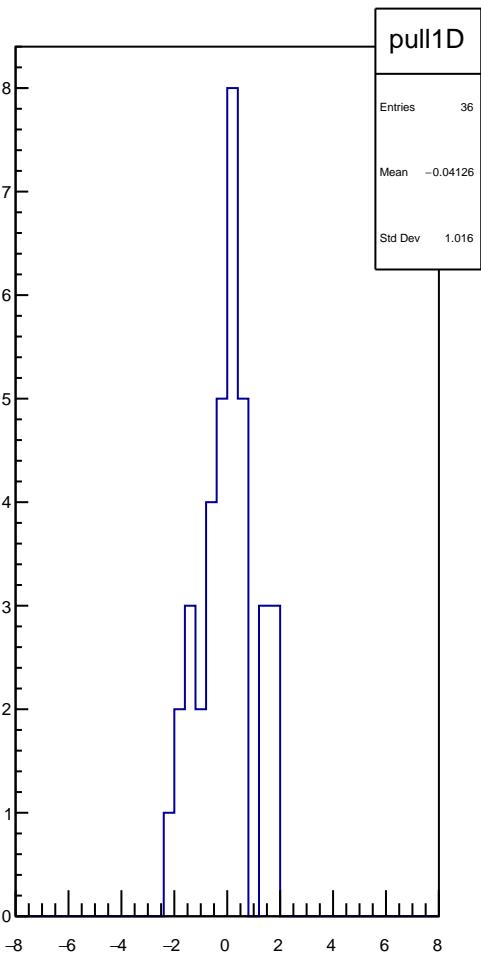
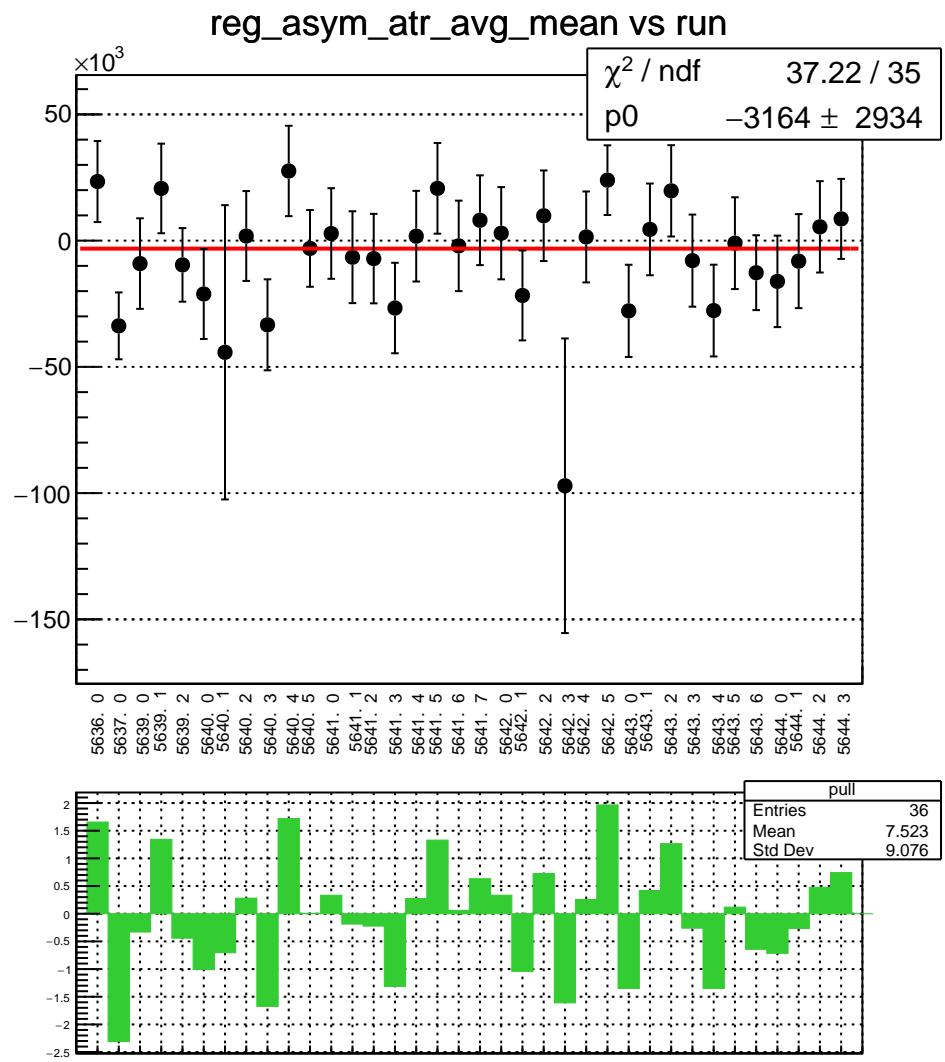


# asym\_atl\_dd\_mean vs run

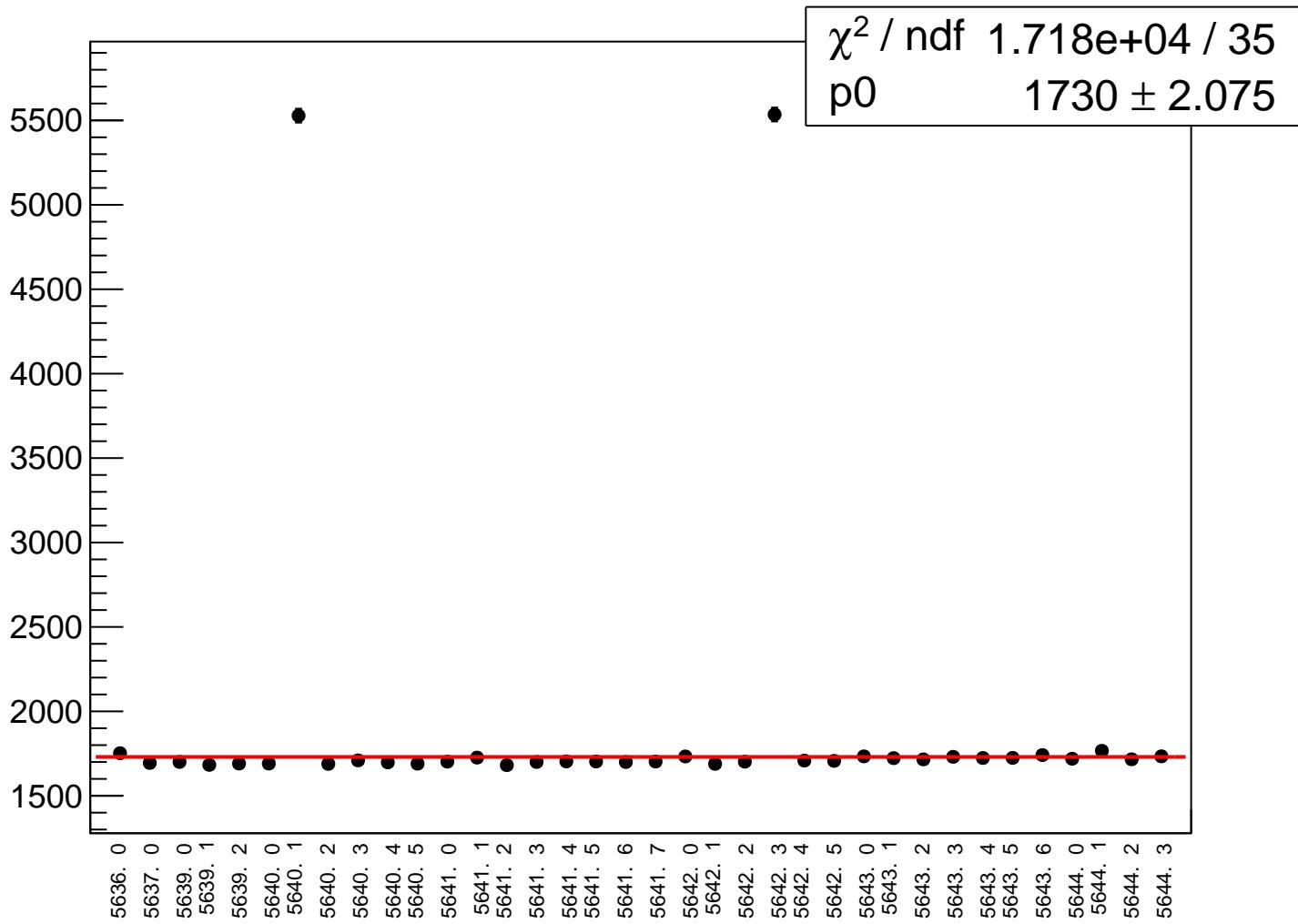


# asym\_atl\_dd\_rms vs run

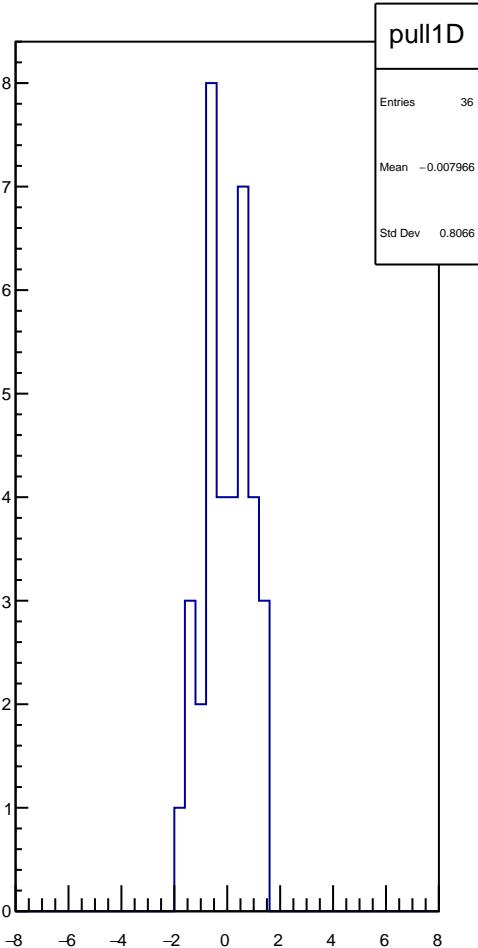
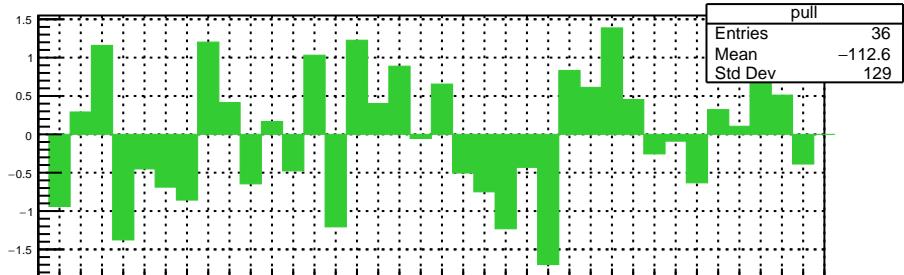
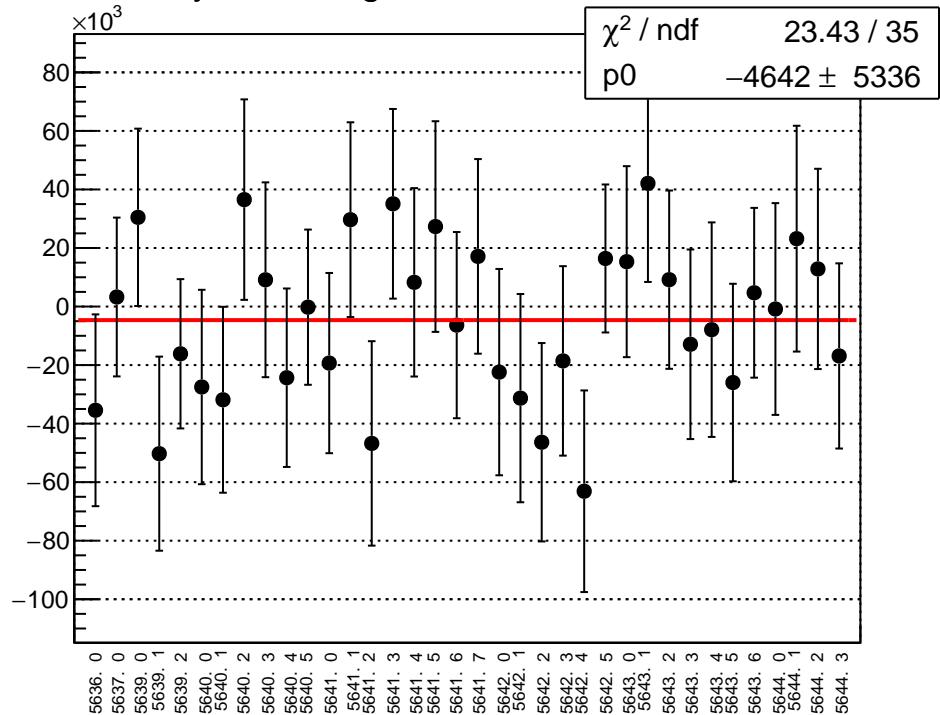




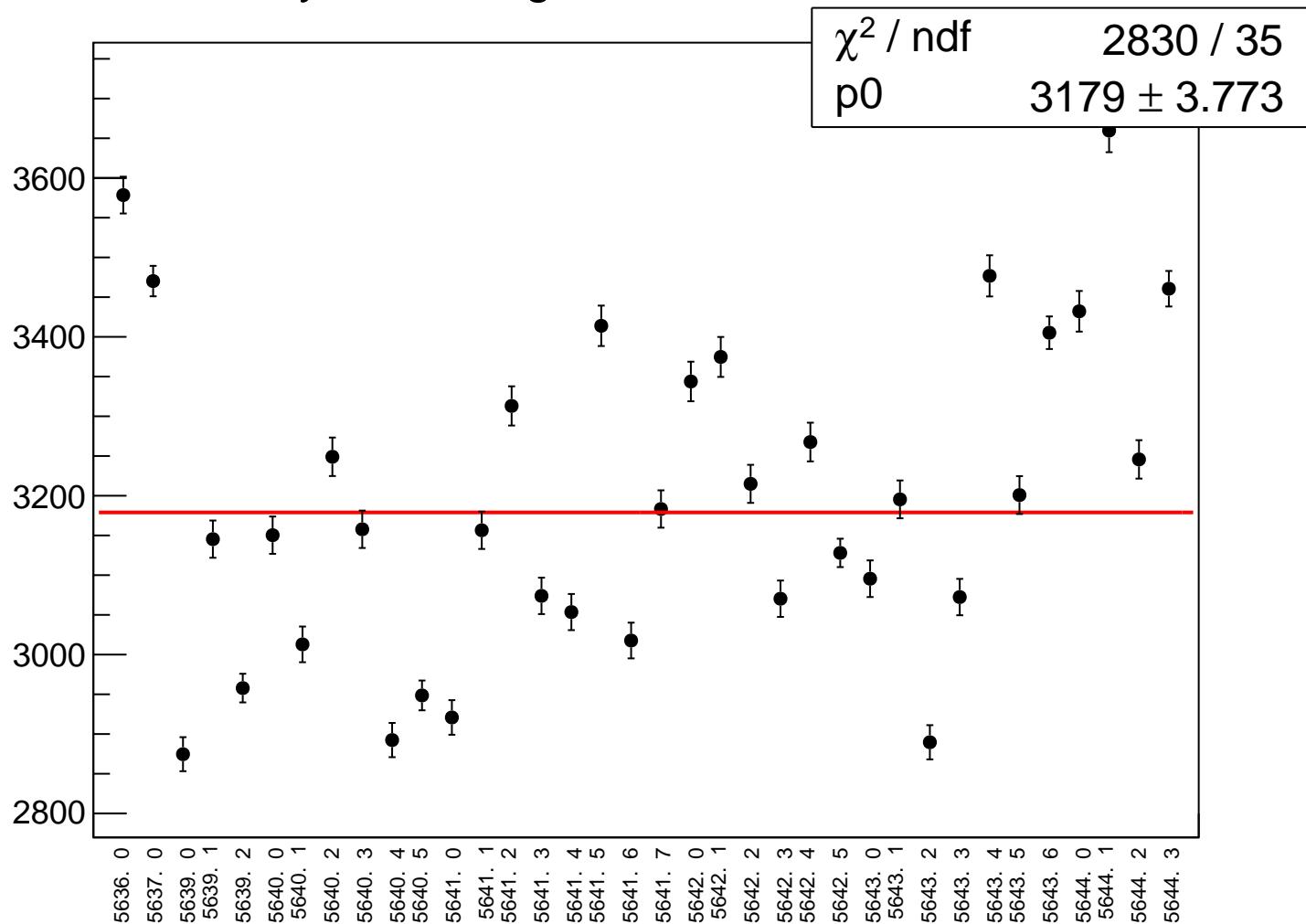
# reg\_asym\_atr\_avg\_rms vs run



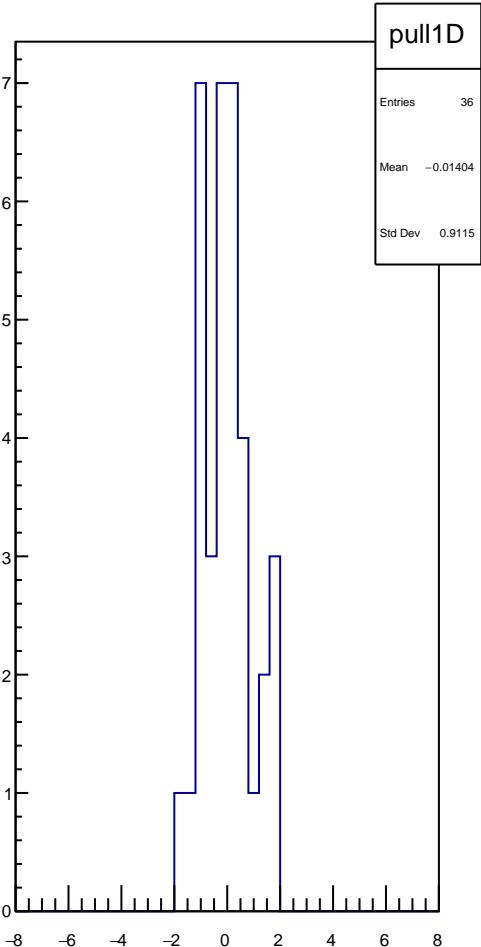
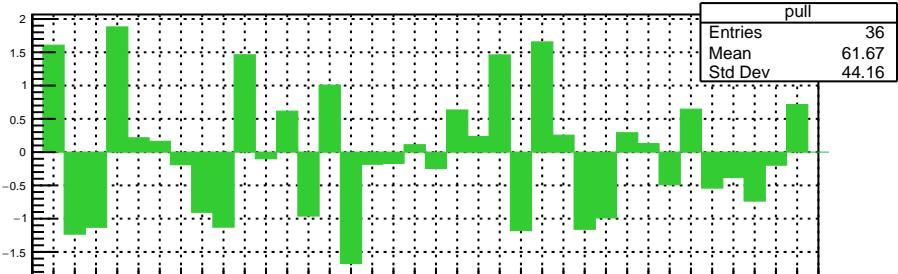
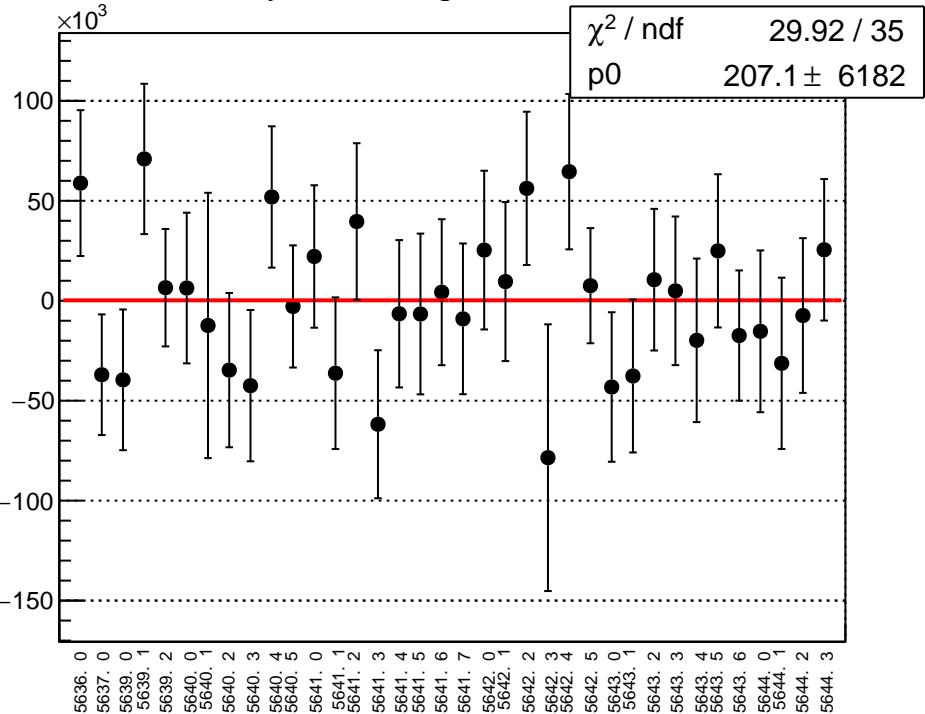
# asym\_atr\_avg\_correction\_mean vs run



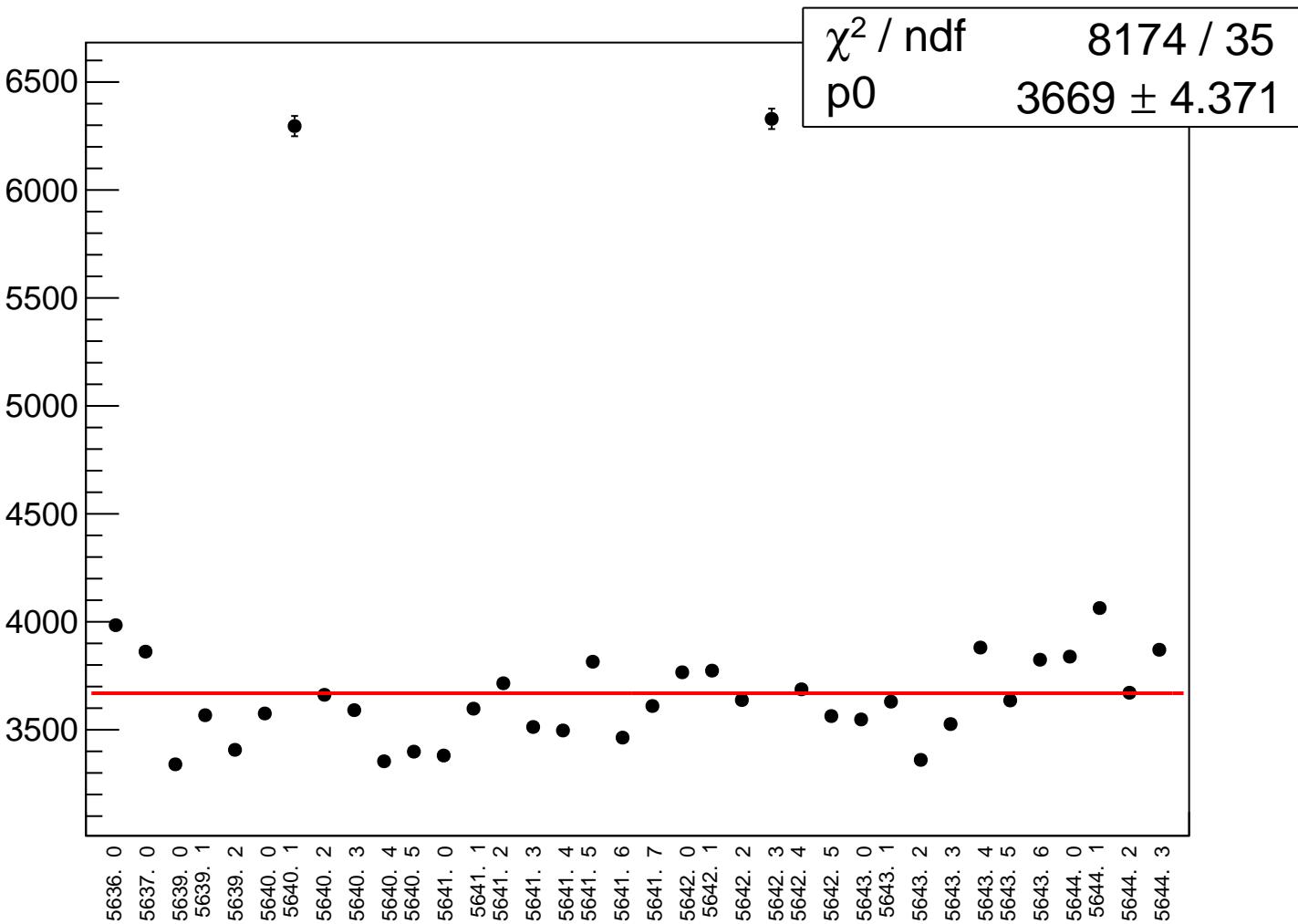
# asym\_atr\_avg\_correction\_rms vs run



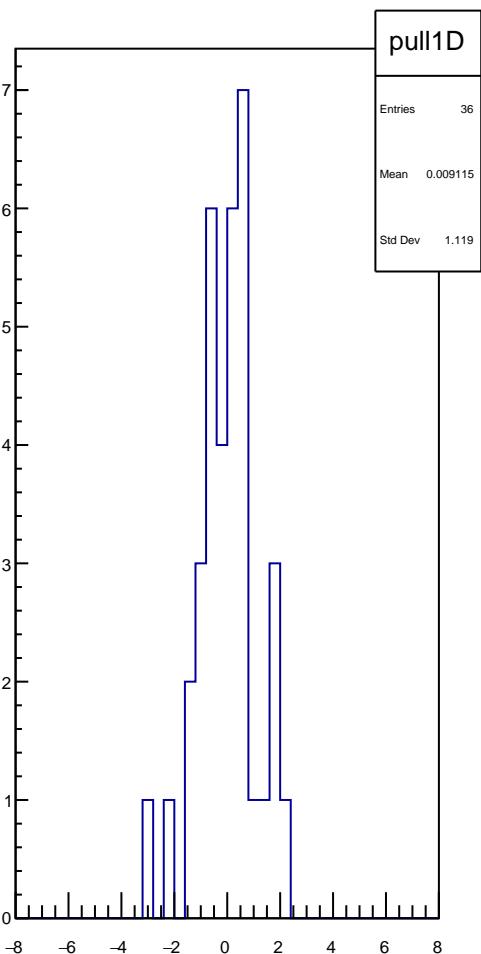
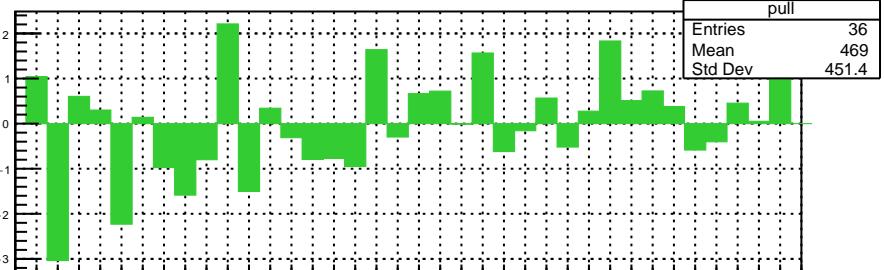
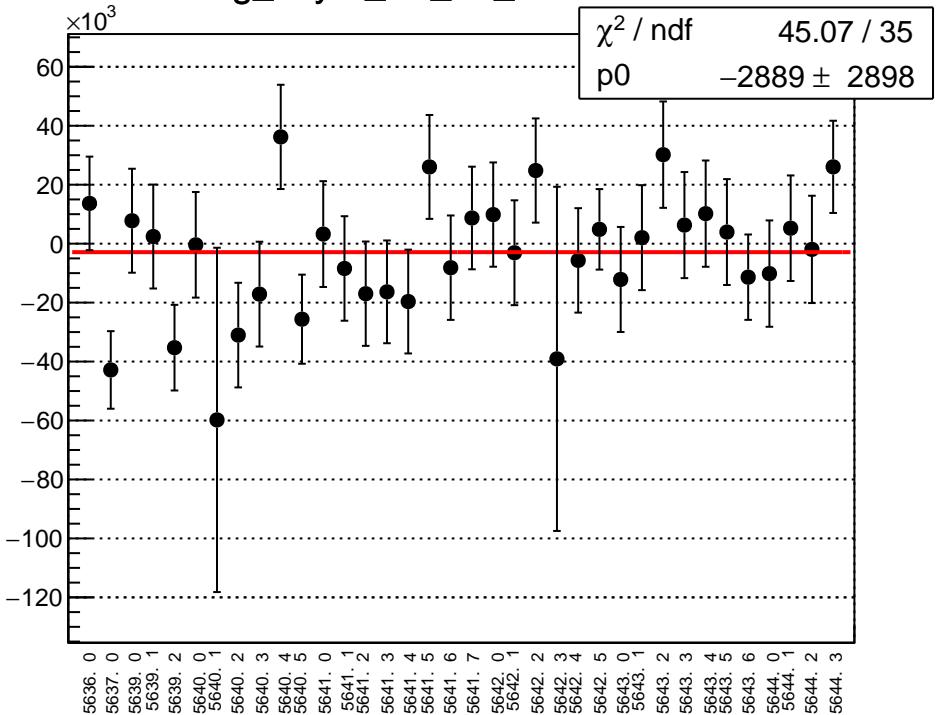
# asym\_atr\_avg\_mean vs run



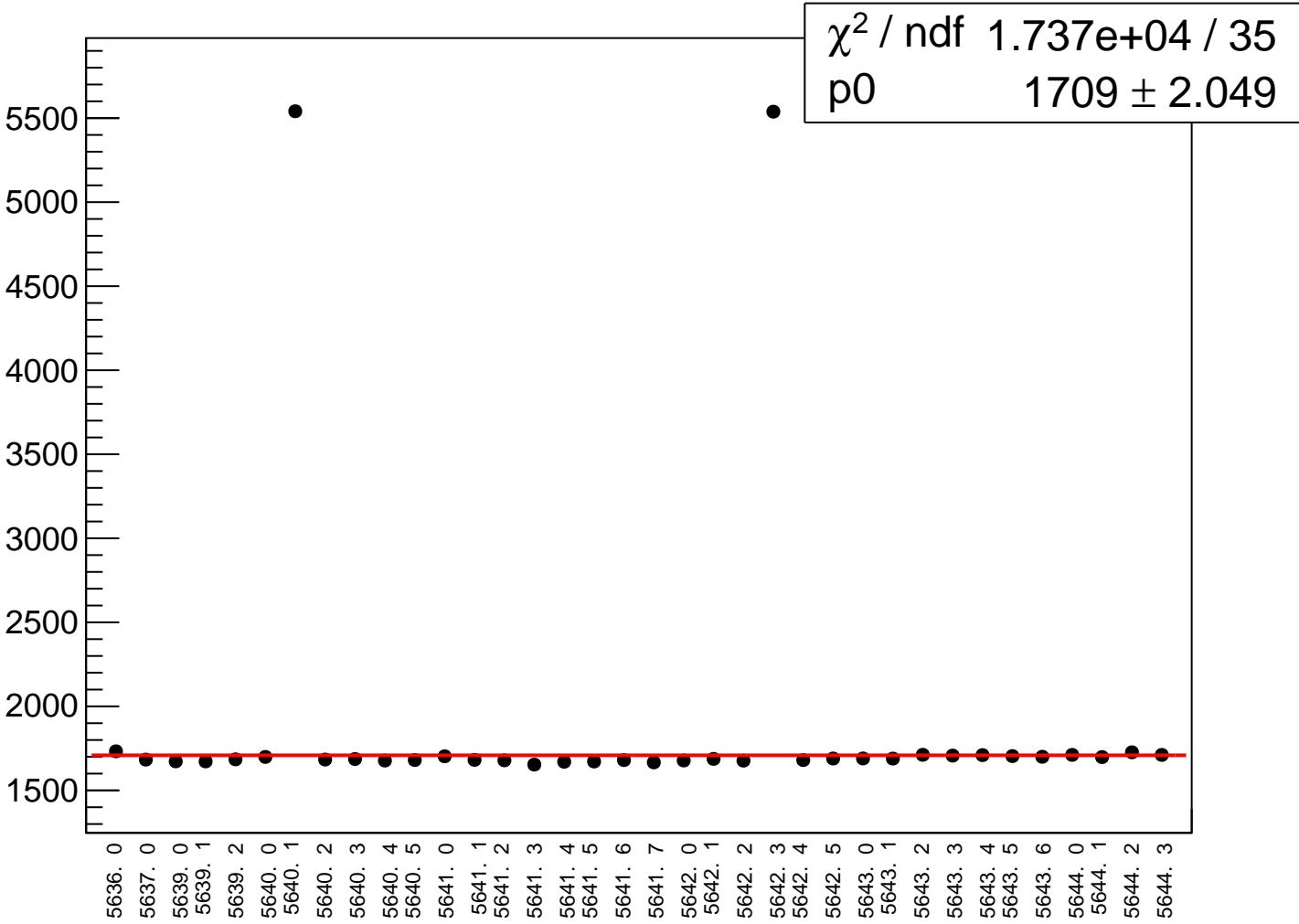
# asym\_atr\_avg\_rms vs run



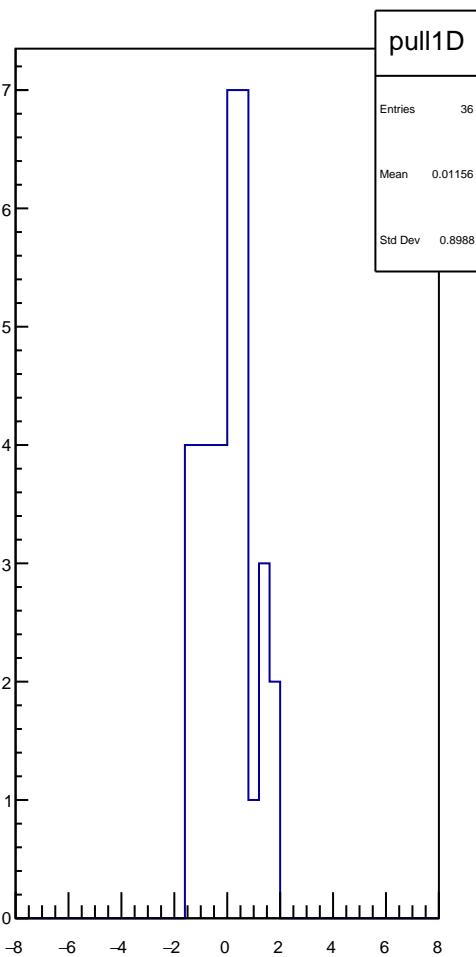
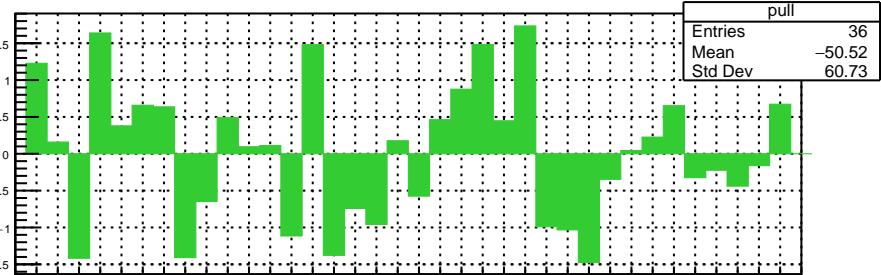
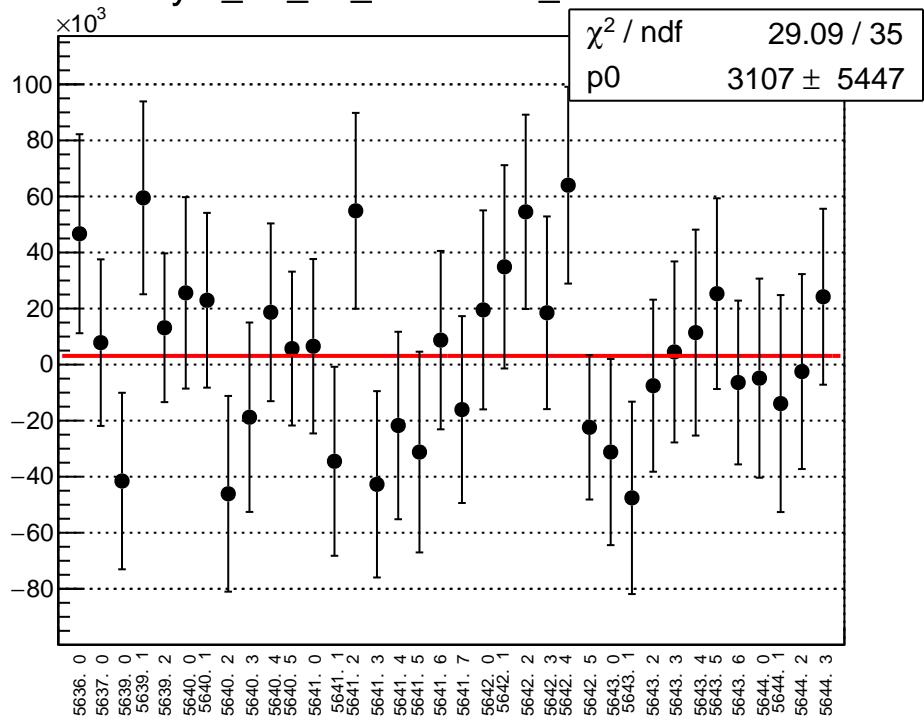
# reg\_asym\_atr\_dd\_mean vs run



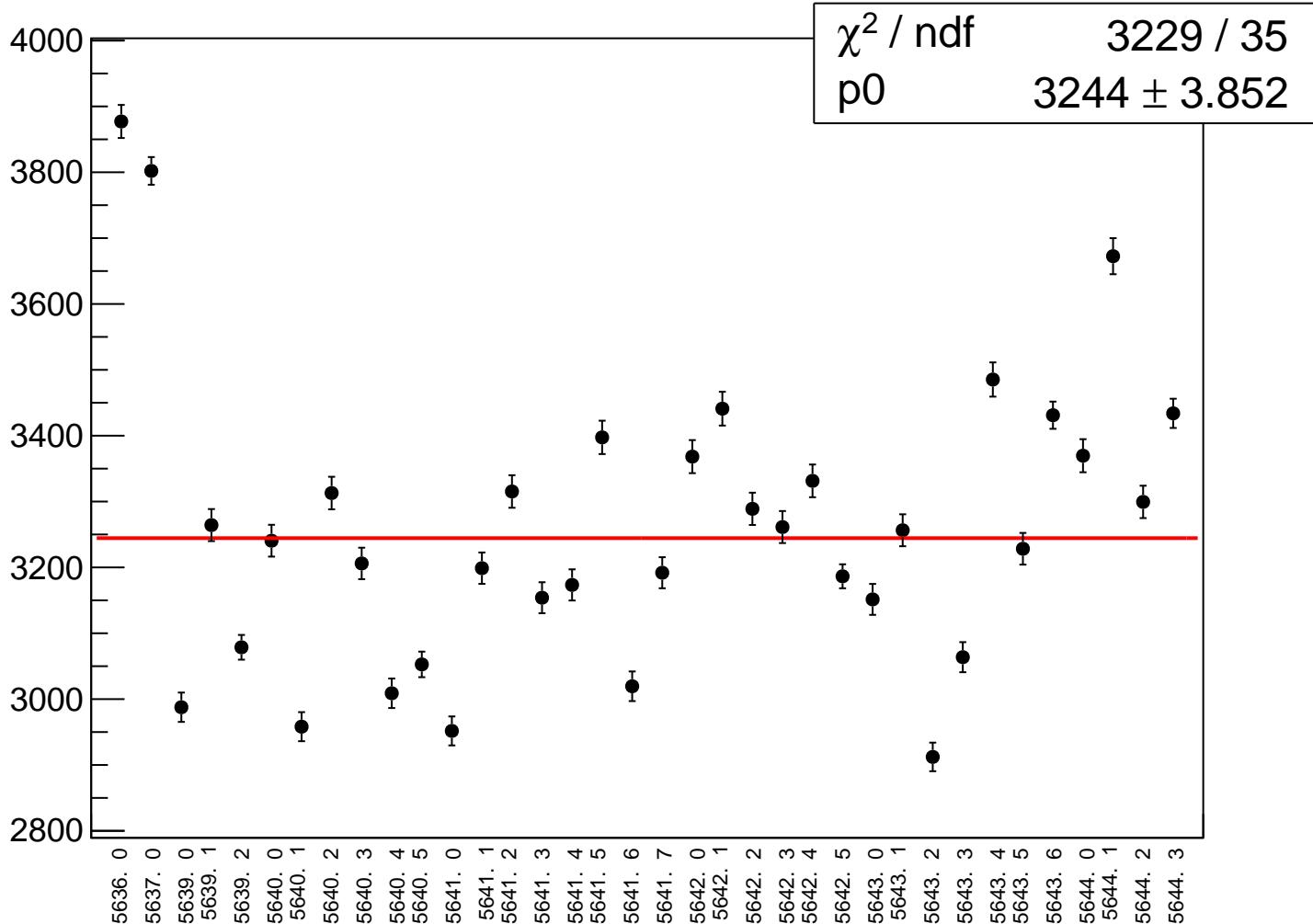
# reg\_asym\_atr\_dd\_rms vs run



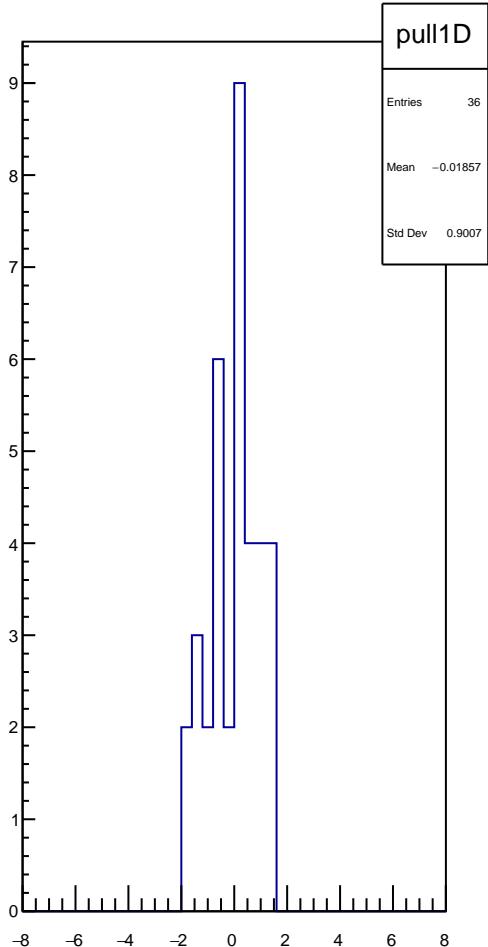
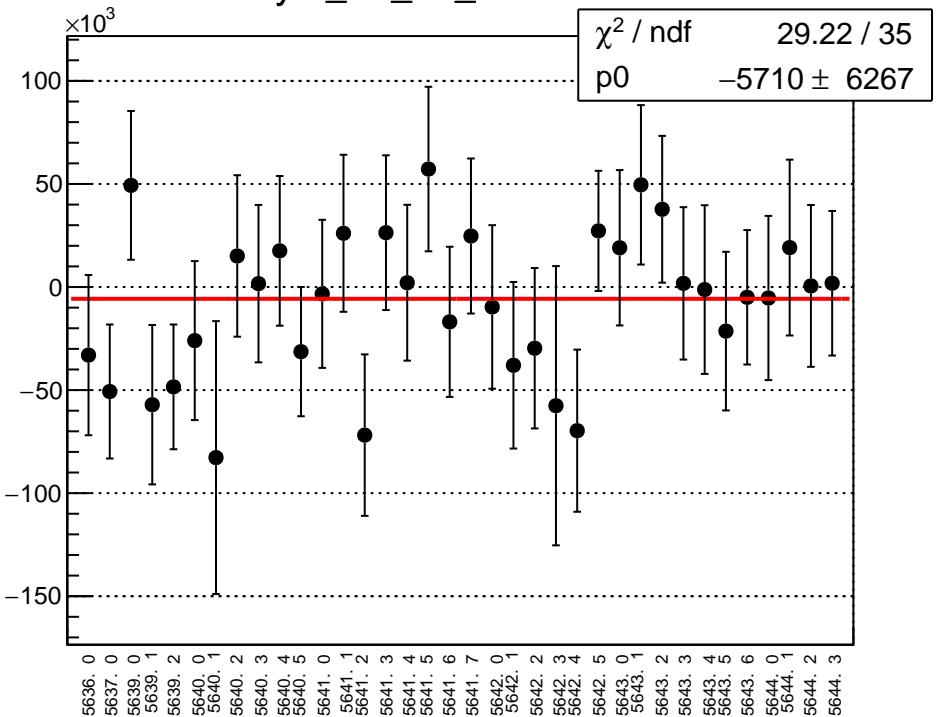
# asym\_atr\_dd\_correction\_mean vs run



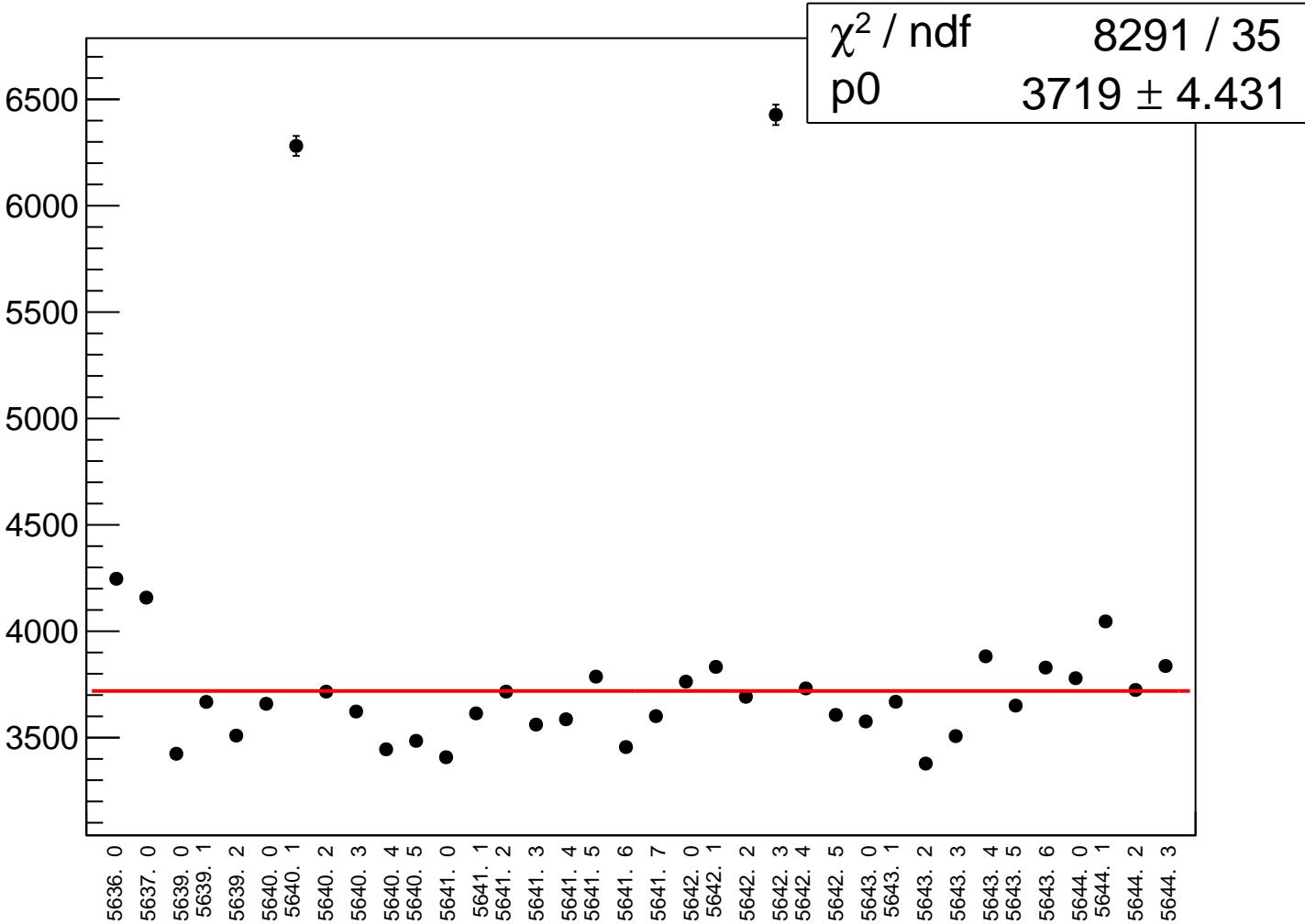
# asym\_atr\_dd\_correction\_rms vs run



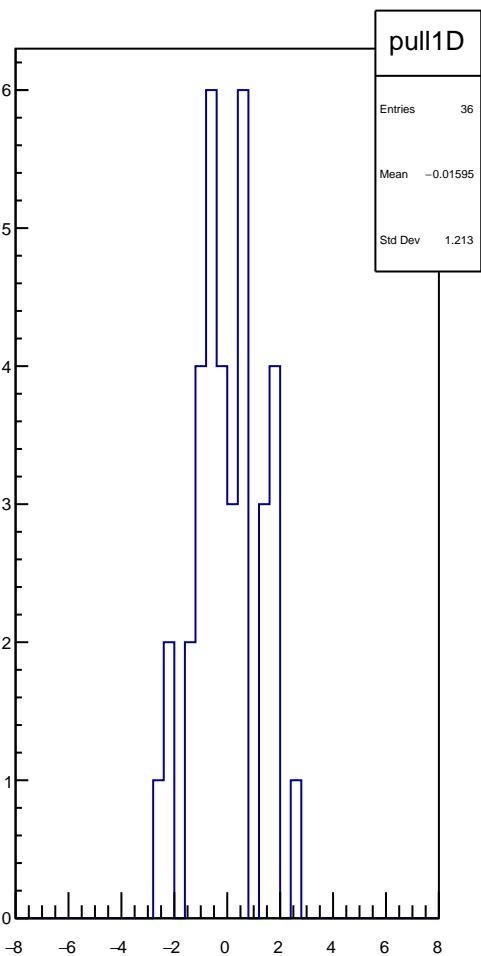
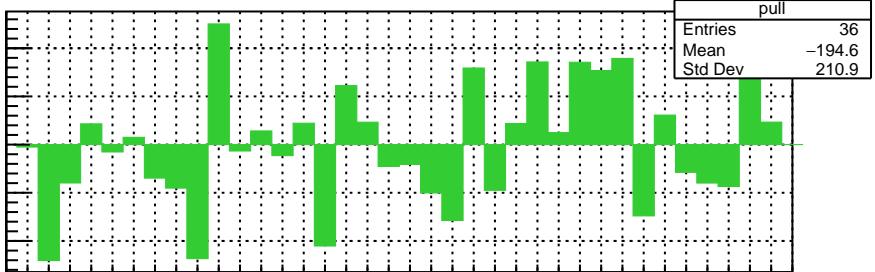
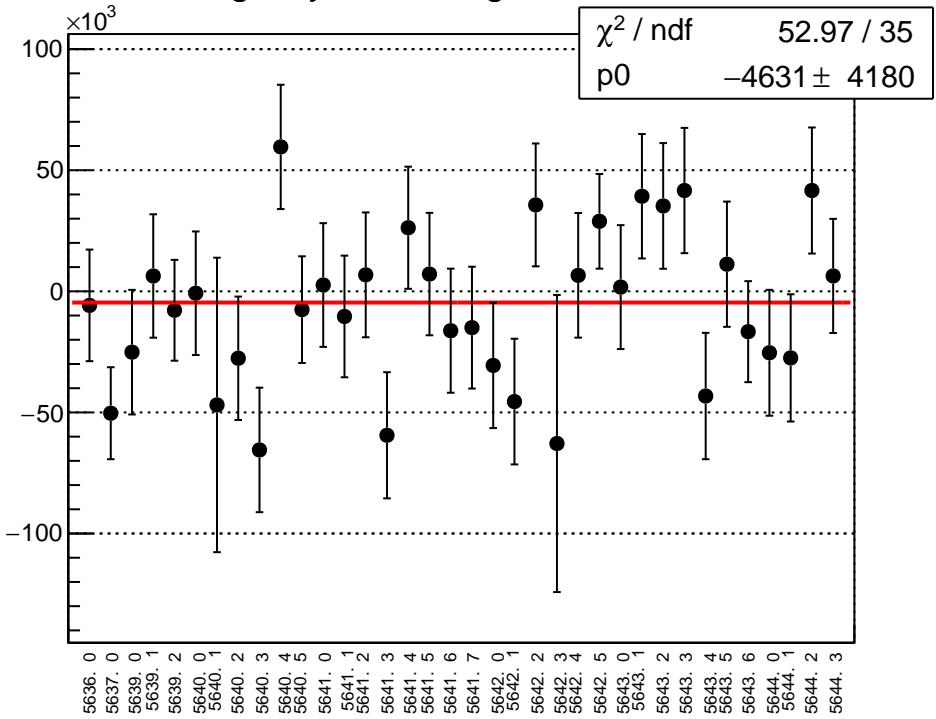
# asym\_atr\_dd\_mean vs run



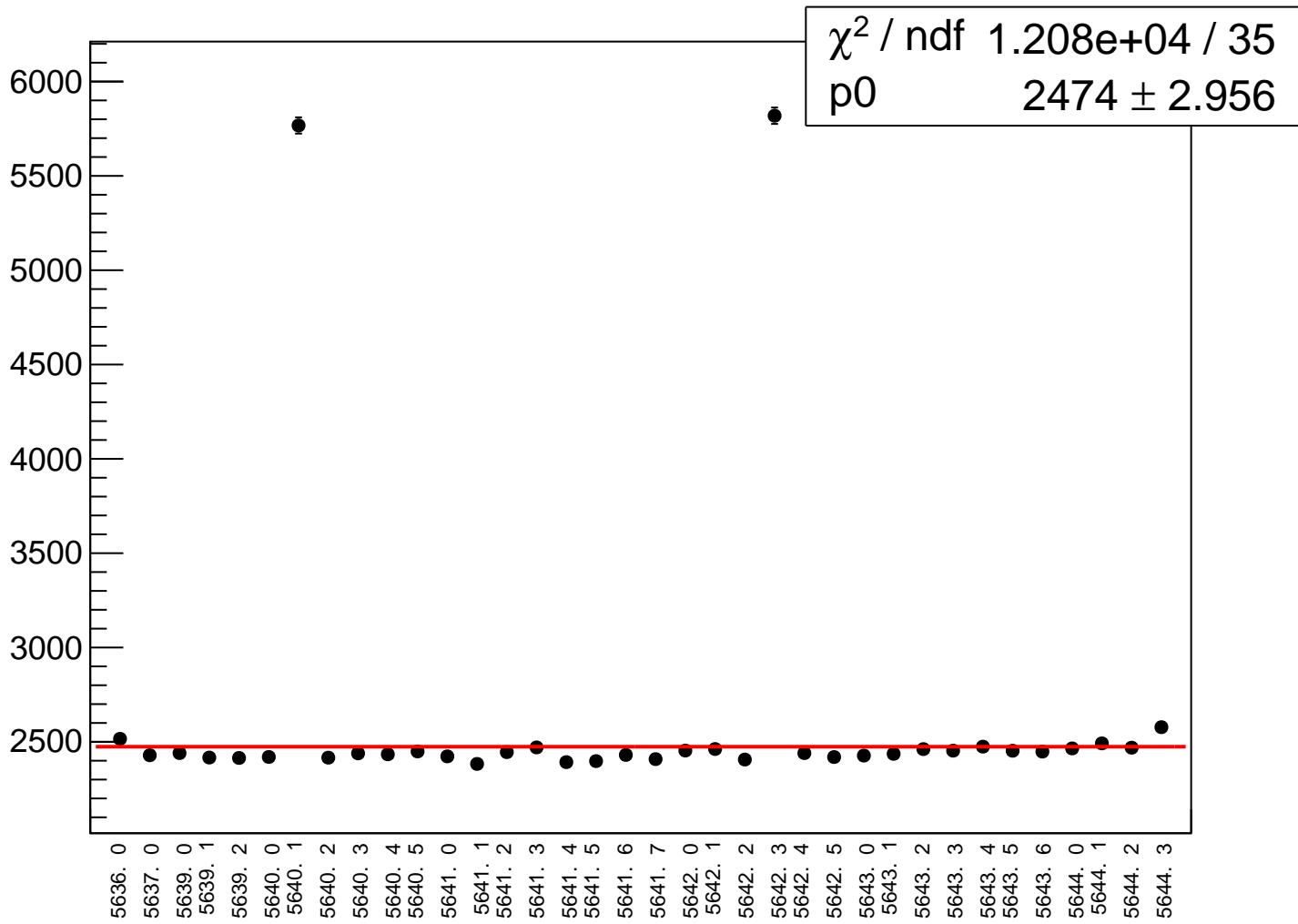
# asym\_atr\_dd\_rms vs run



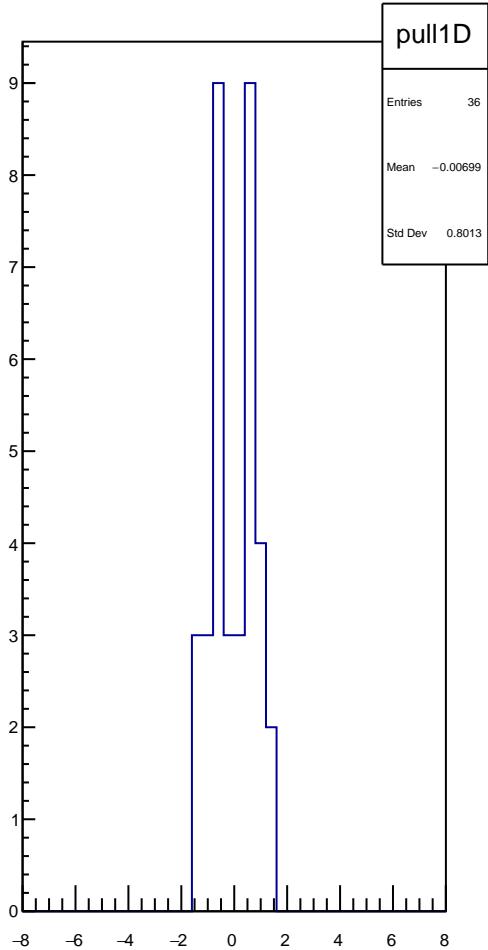
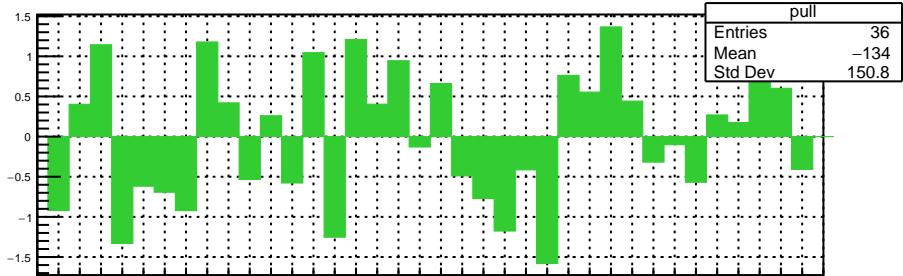
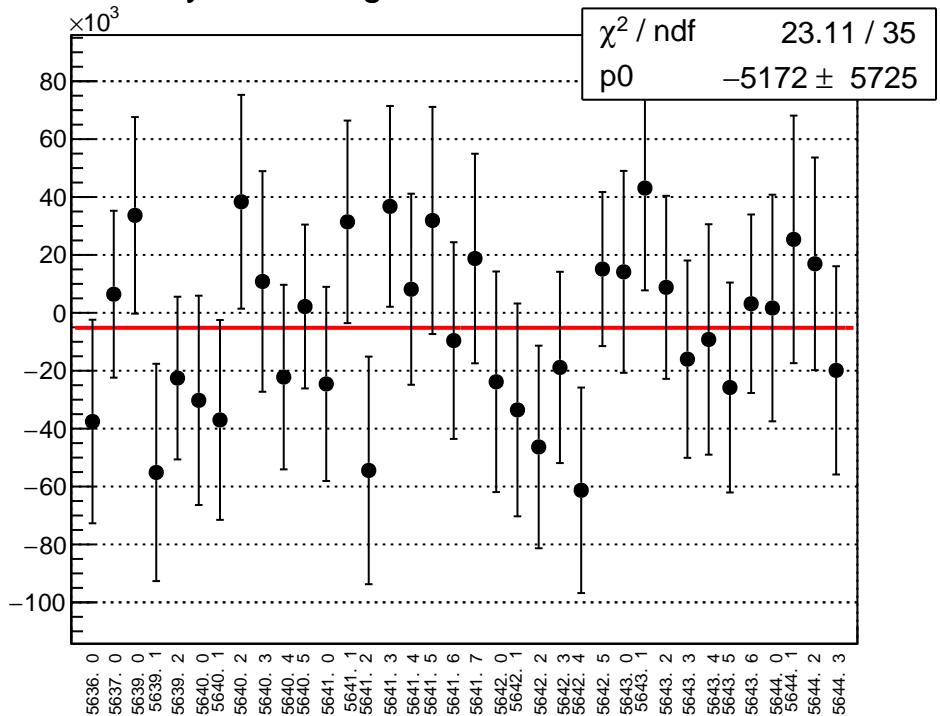
# reg\_asym\_at1\_avg\_mean vs run



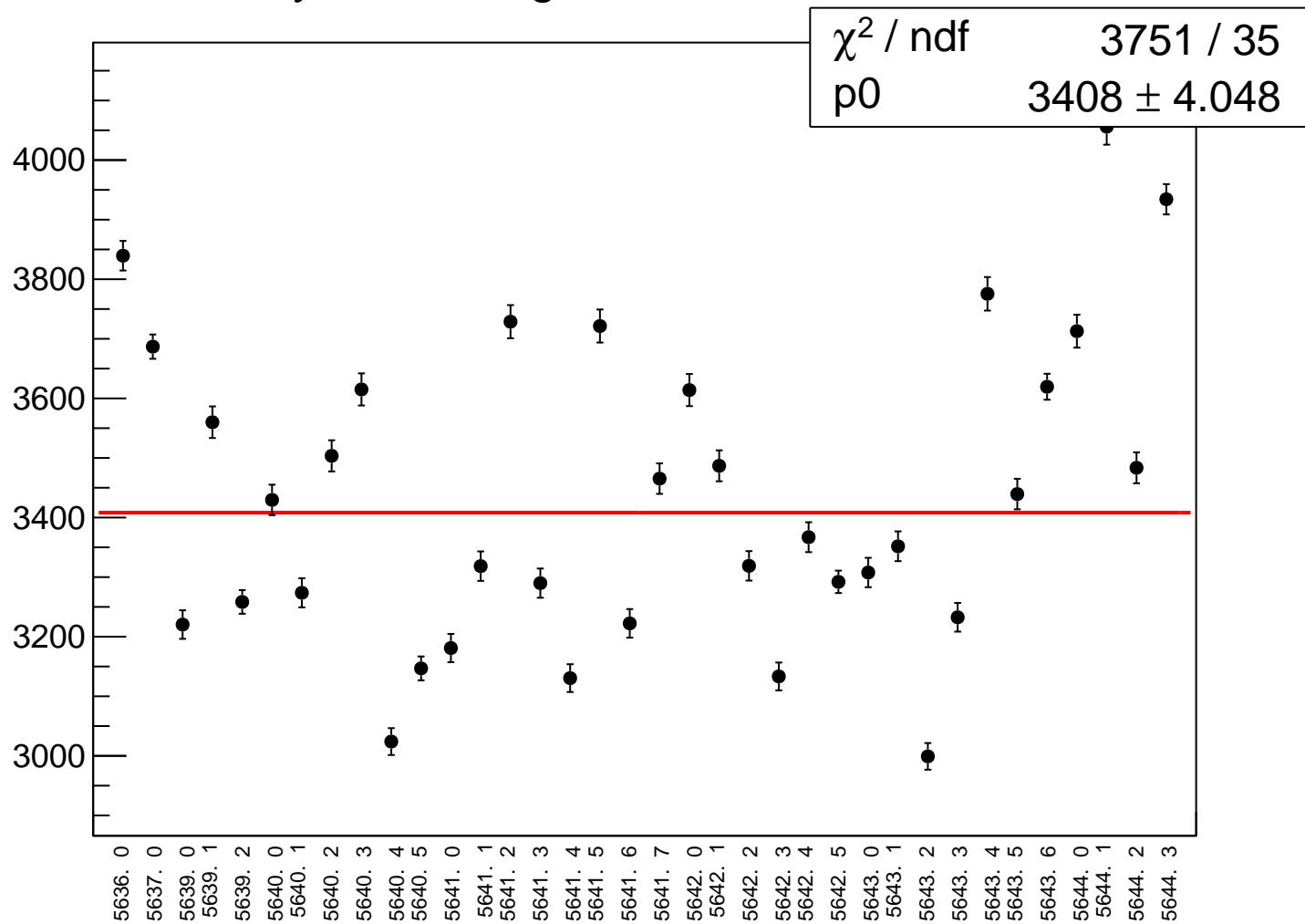
# reg\_asym\_at1\_avg\_rms vs run



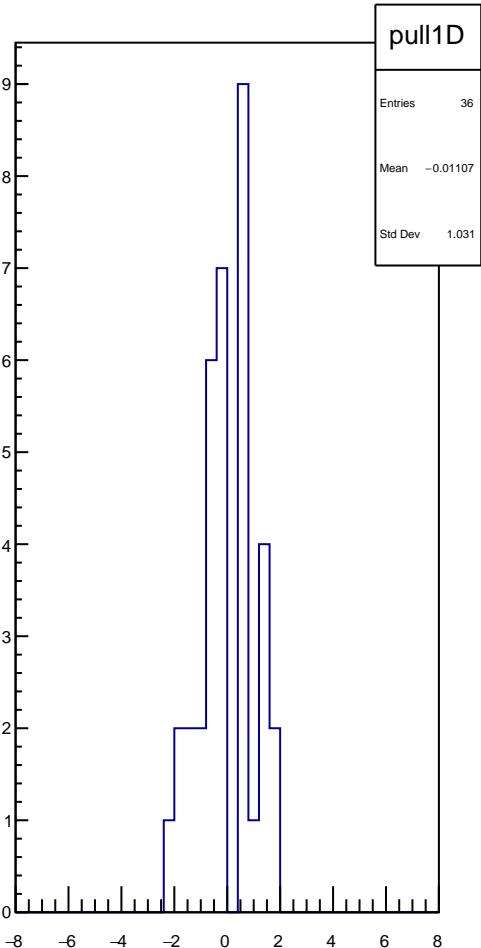
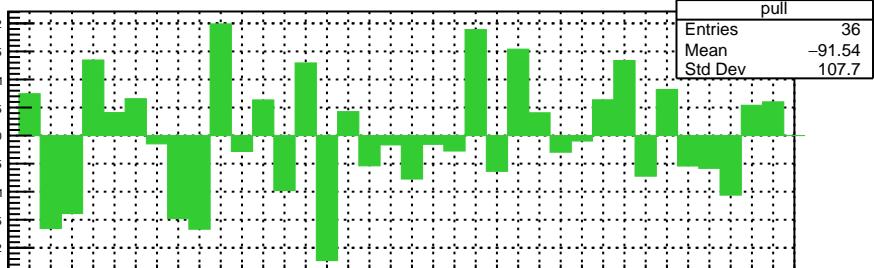
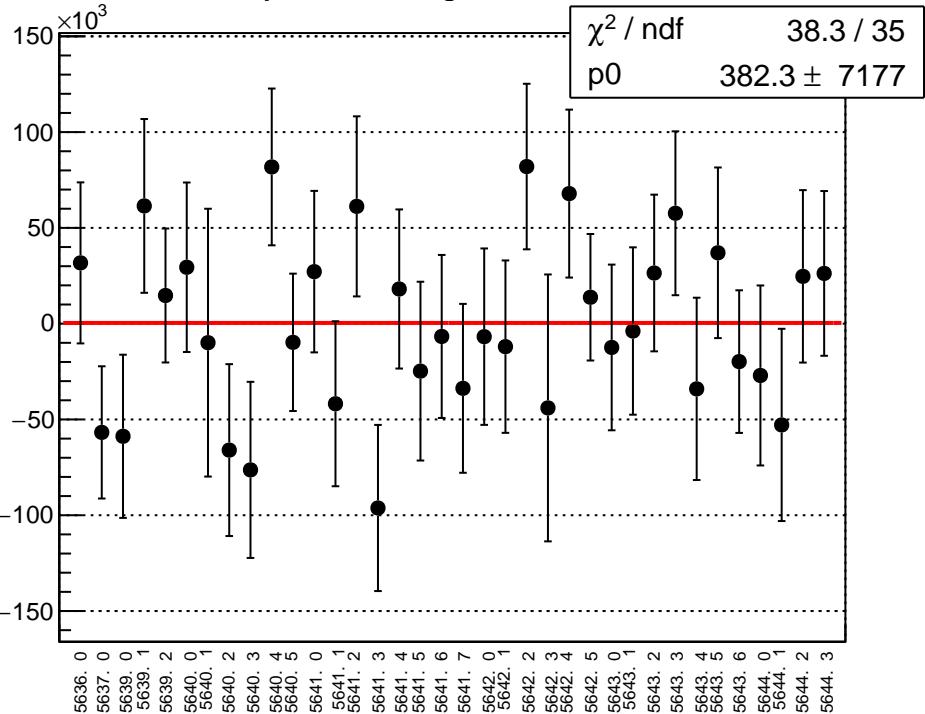
# asym\_at1\_avg\_correction\_mean vs run



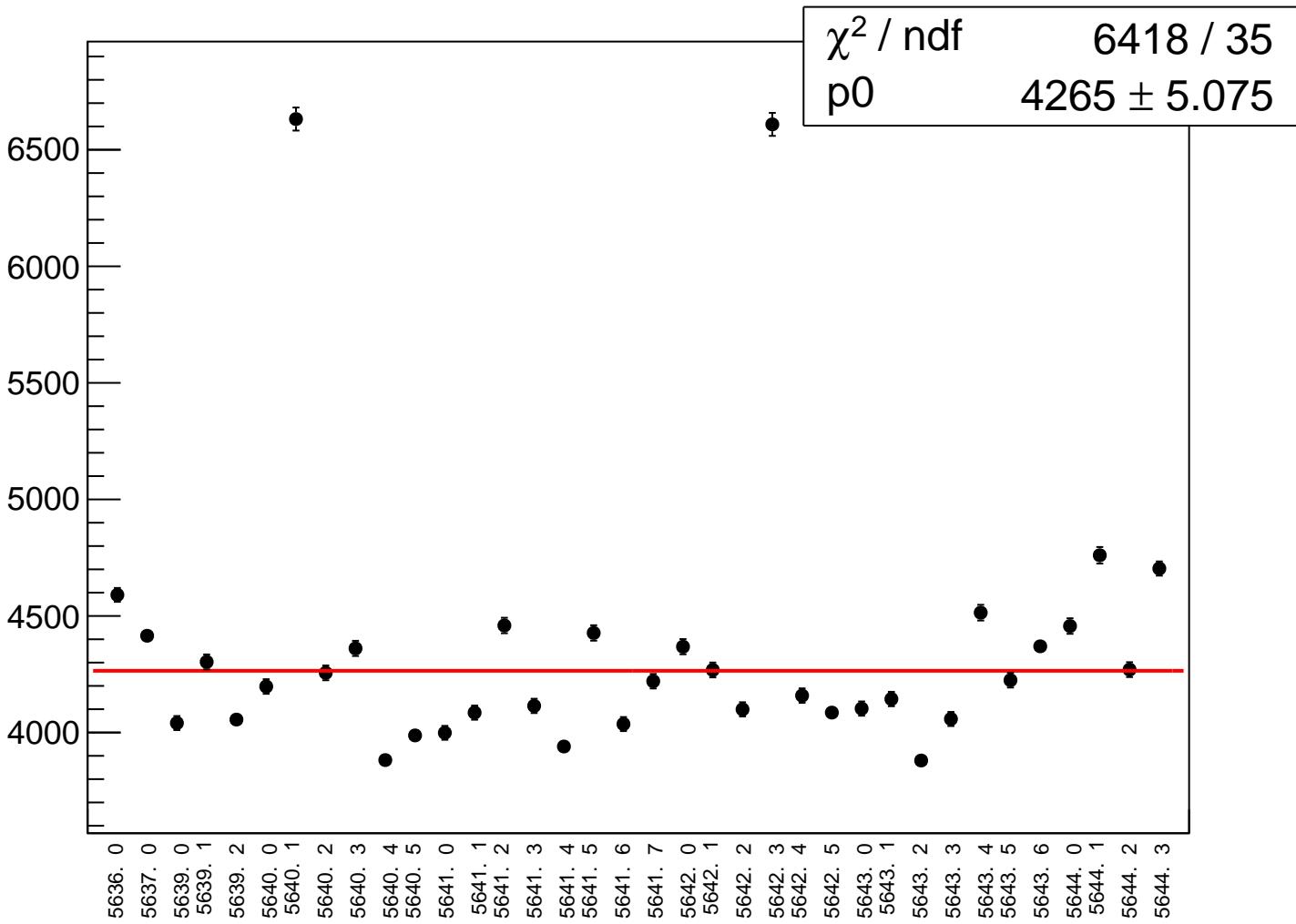
# asym\_at1\_avg\_correction\_rms vs run



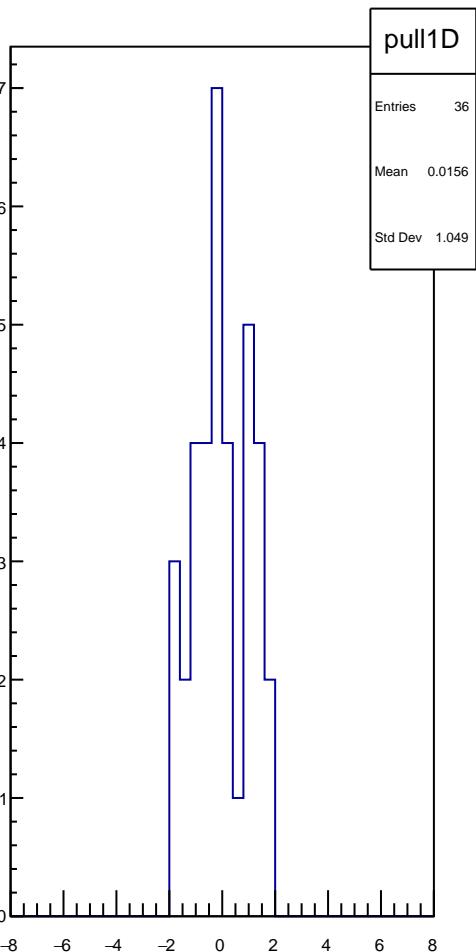
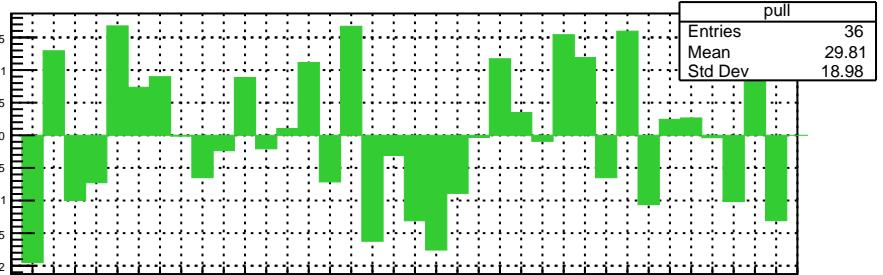
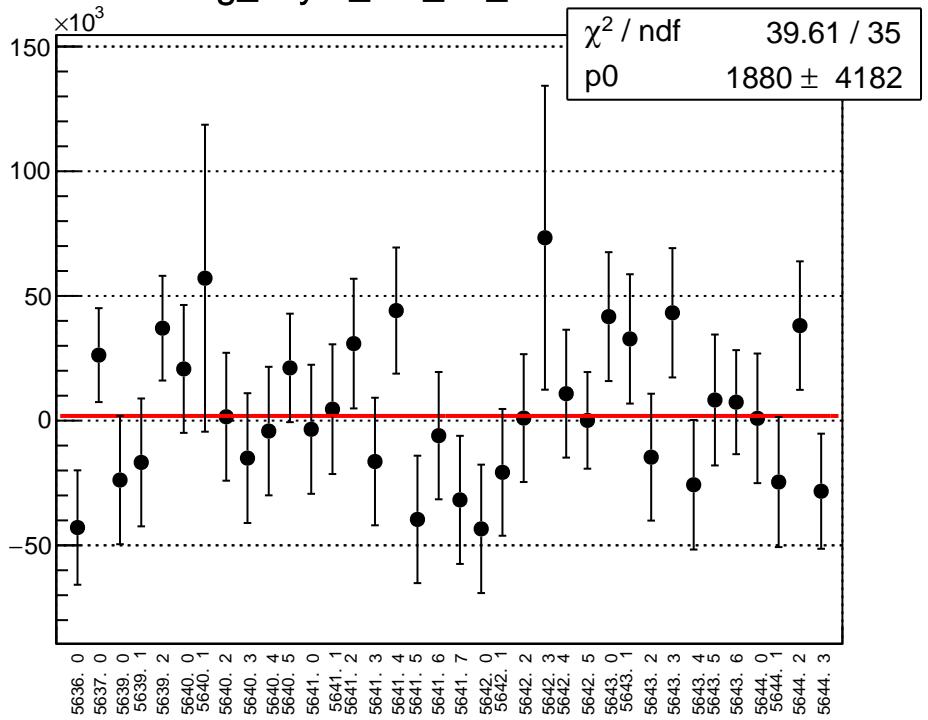
# asym\_at1\_avg\_mean vs run



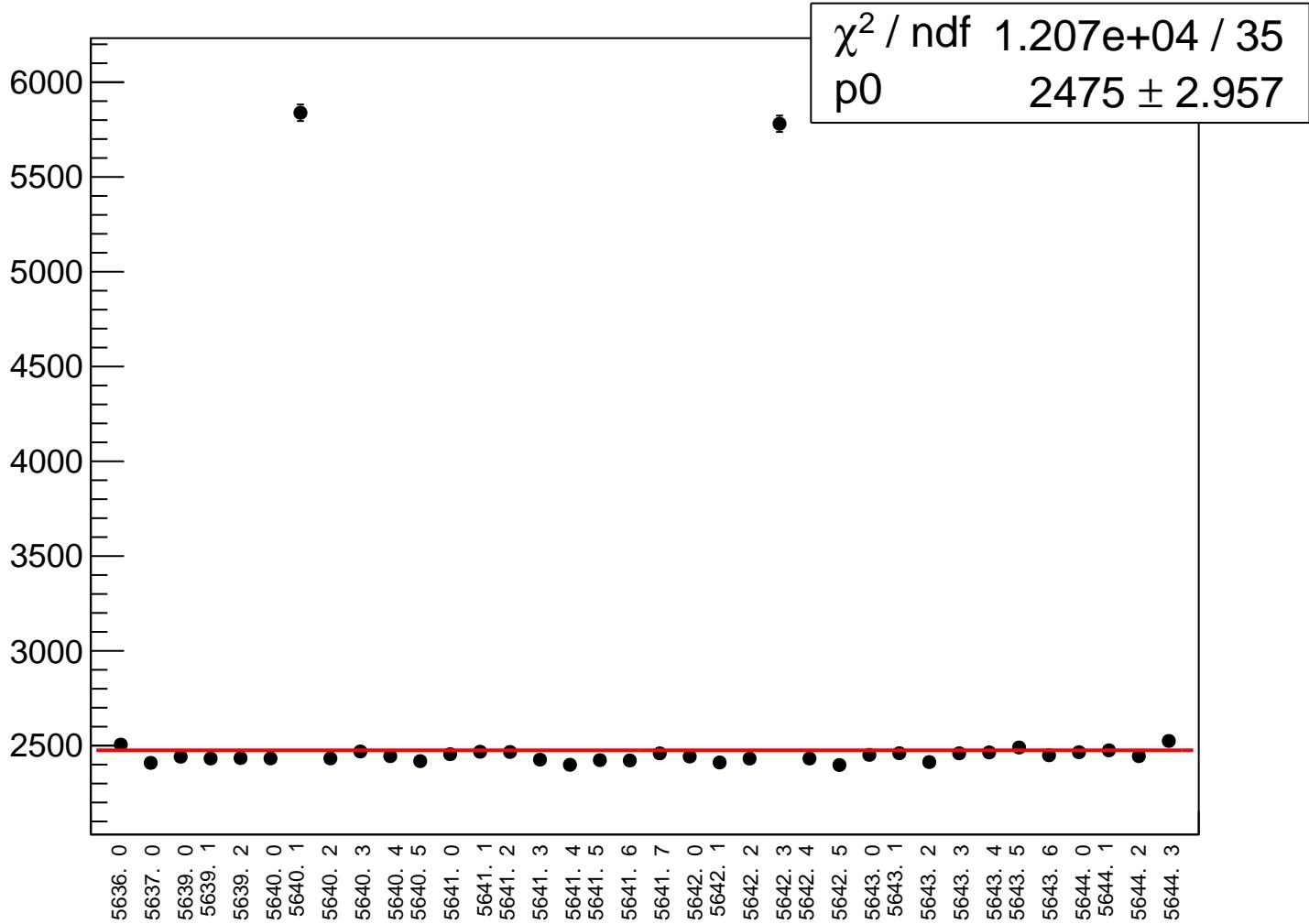
# asym\_at1\_avg\_rms vs run



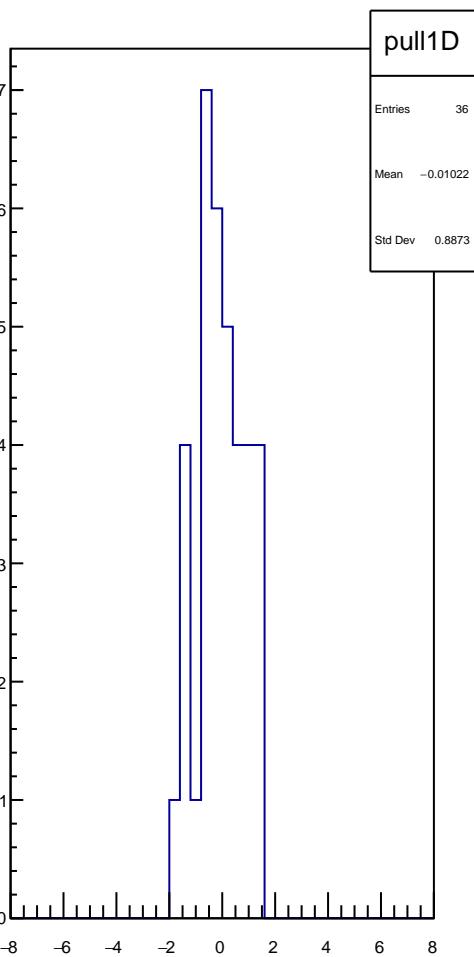
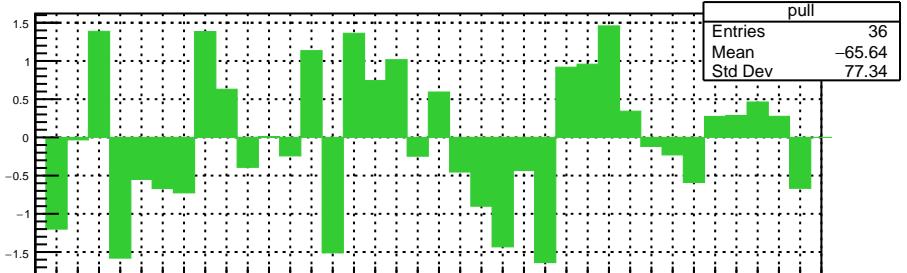
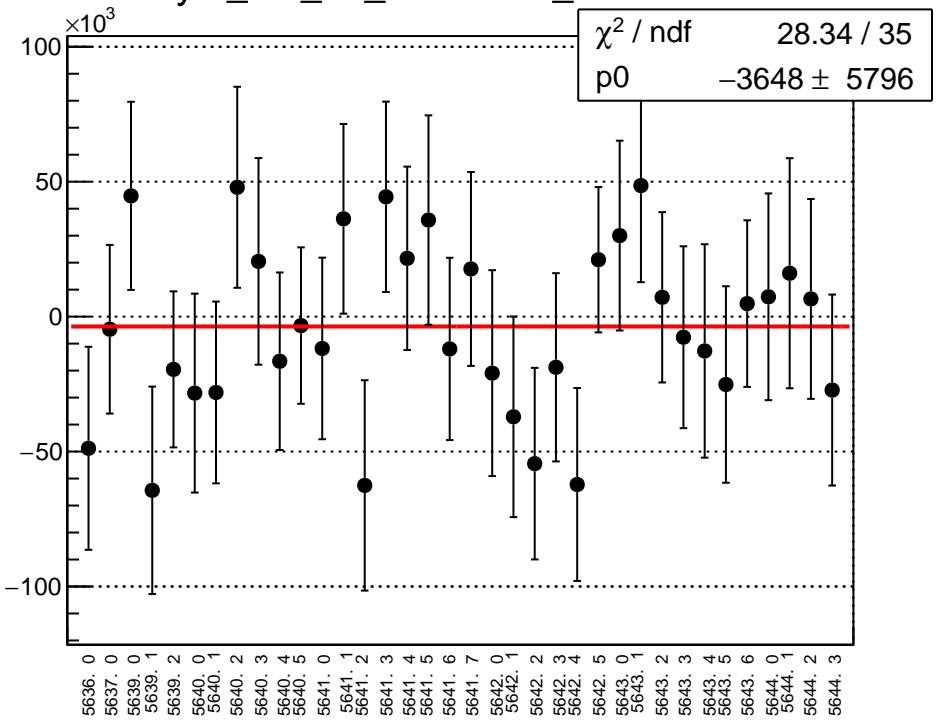
# reg\_asym\_at1\_dd\_mean vs run



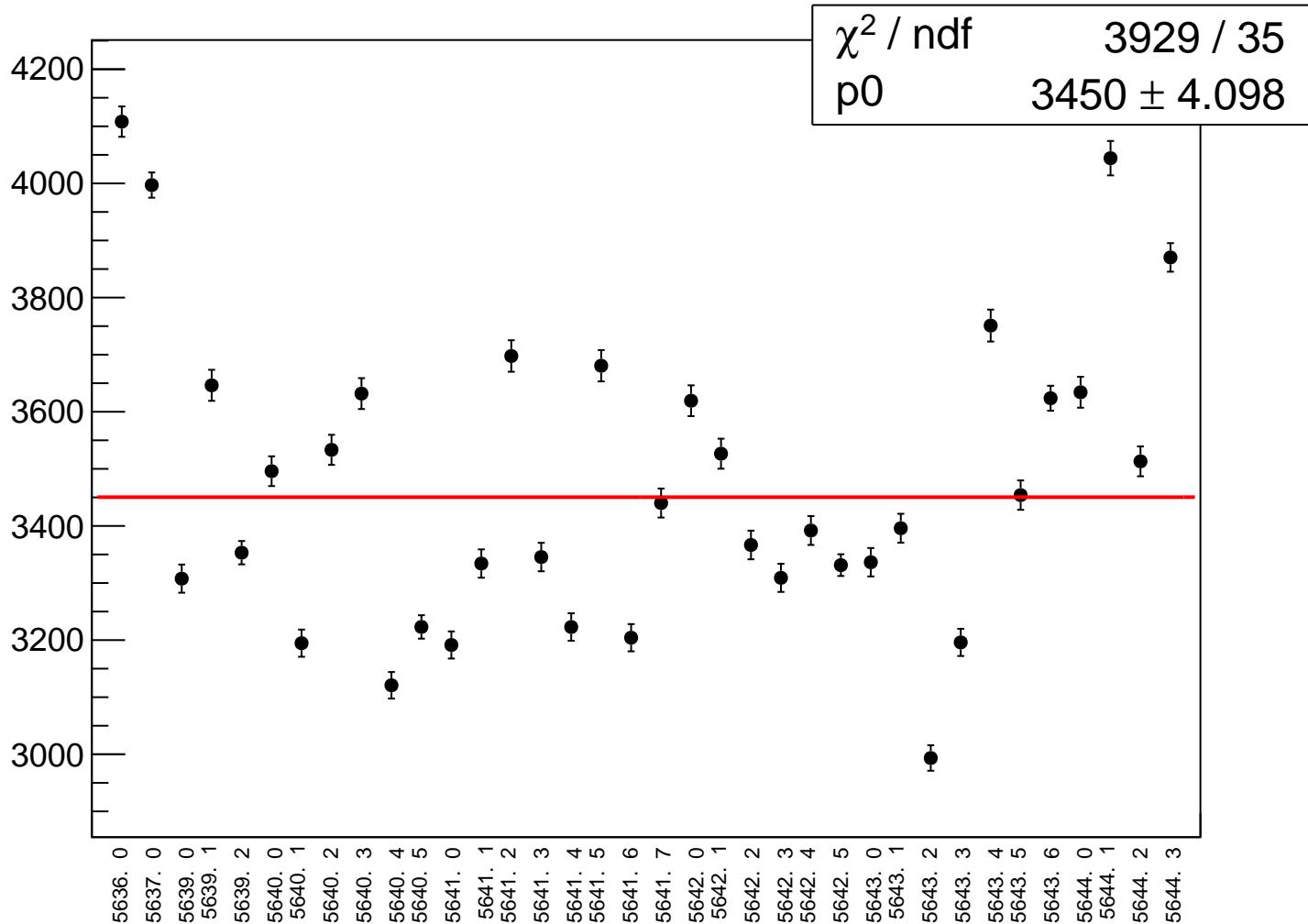
# reg\_asym\_at1\_dd\_rms vs run



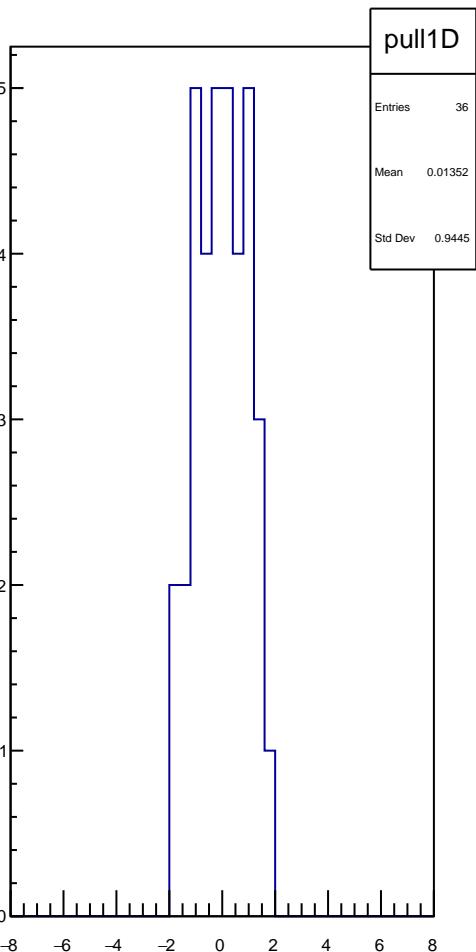
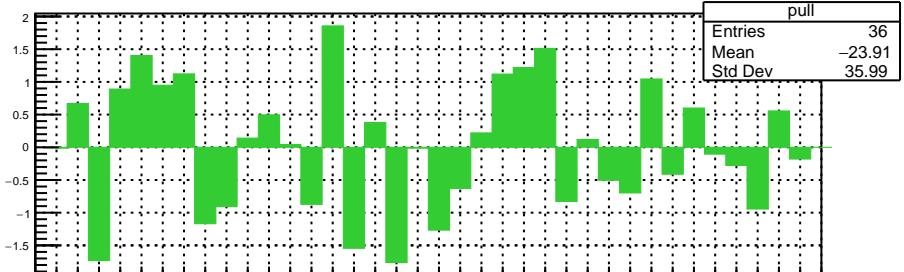
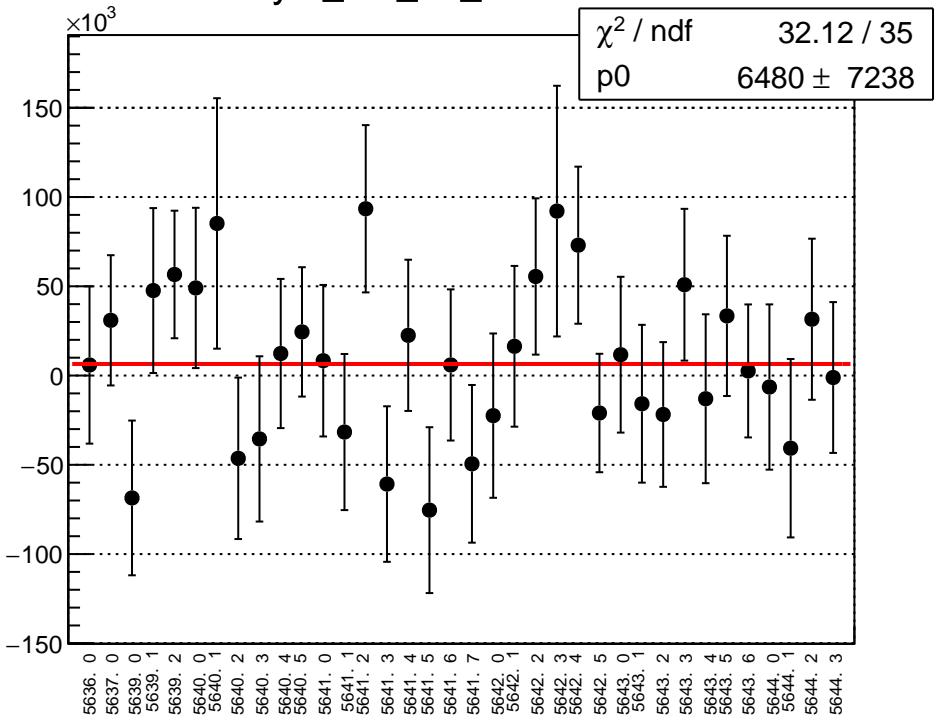
# asym\_at1\_dd\_correction\_mean vs run



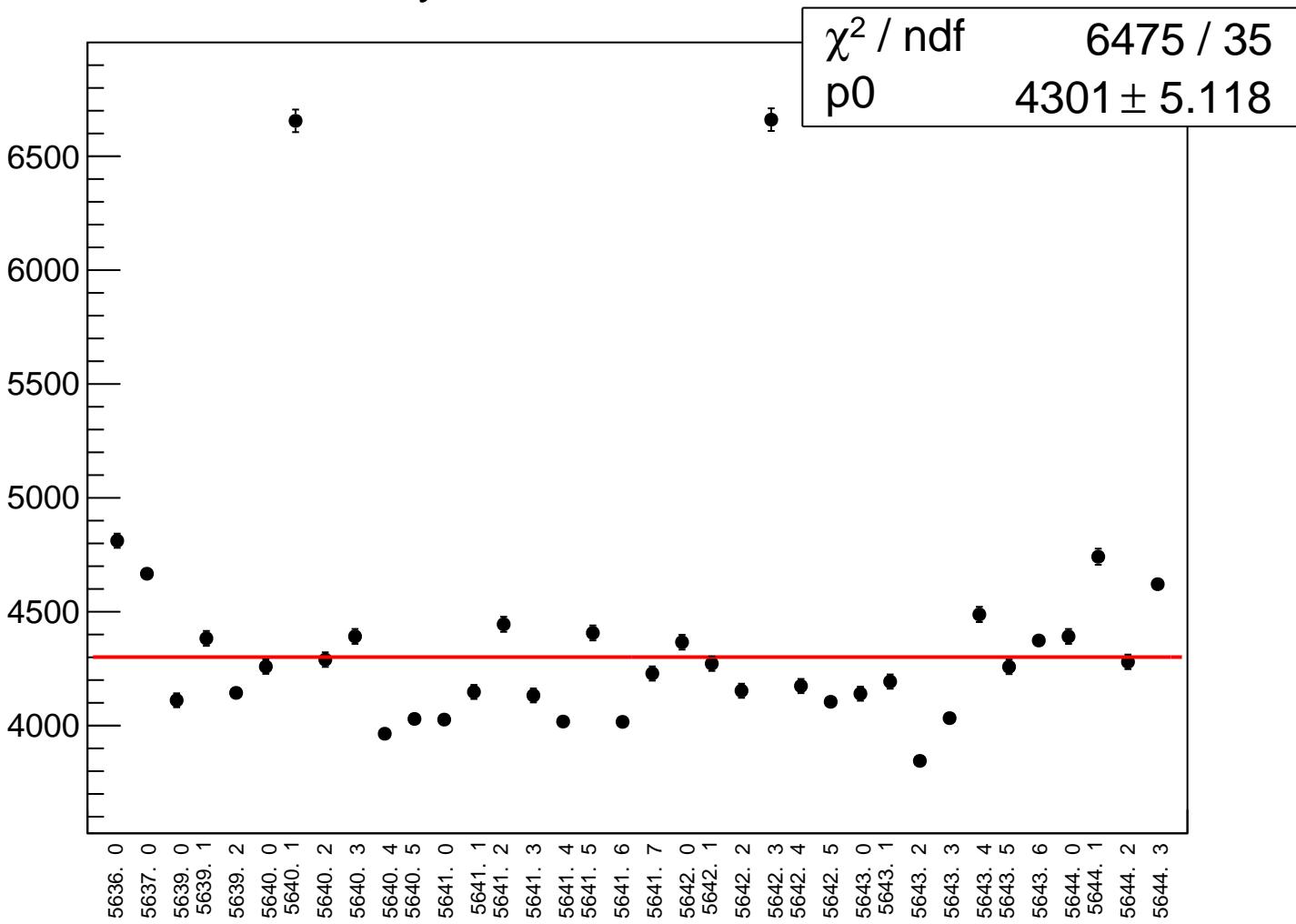
# asym\_at1\_dd\_correction\_rms vs run



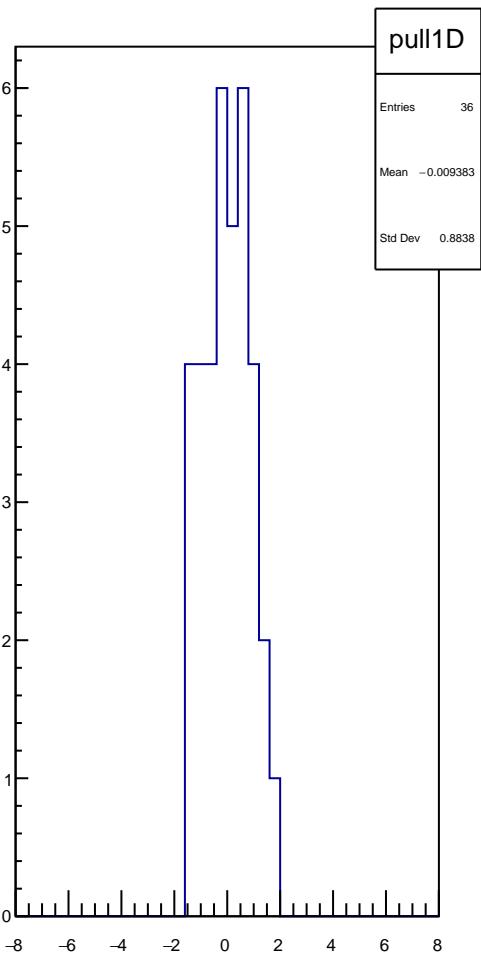
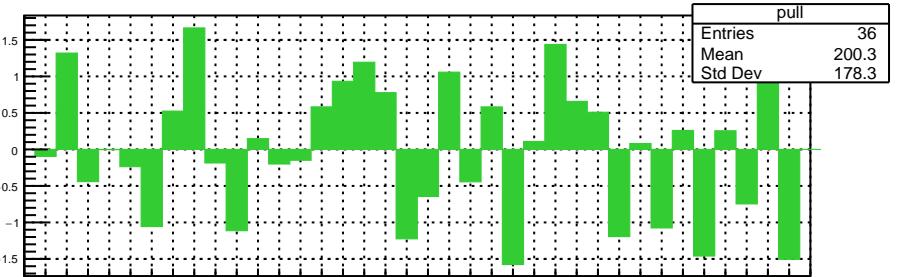
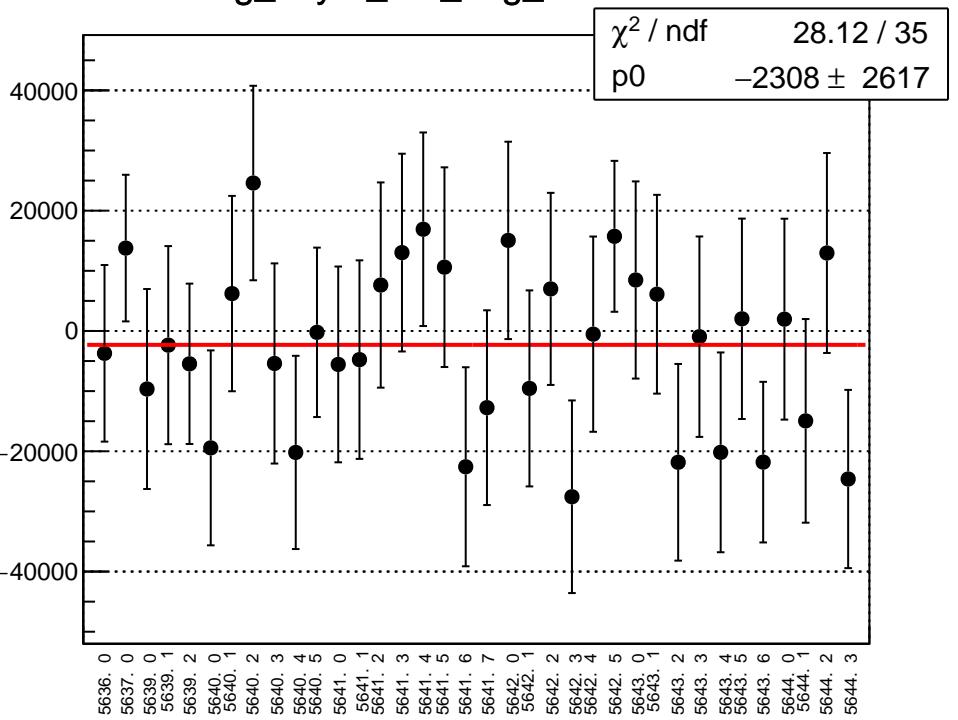
# asym\_at1\_dd\_mean vs run



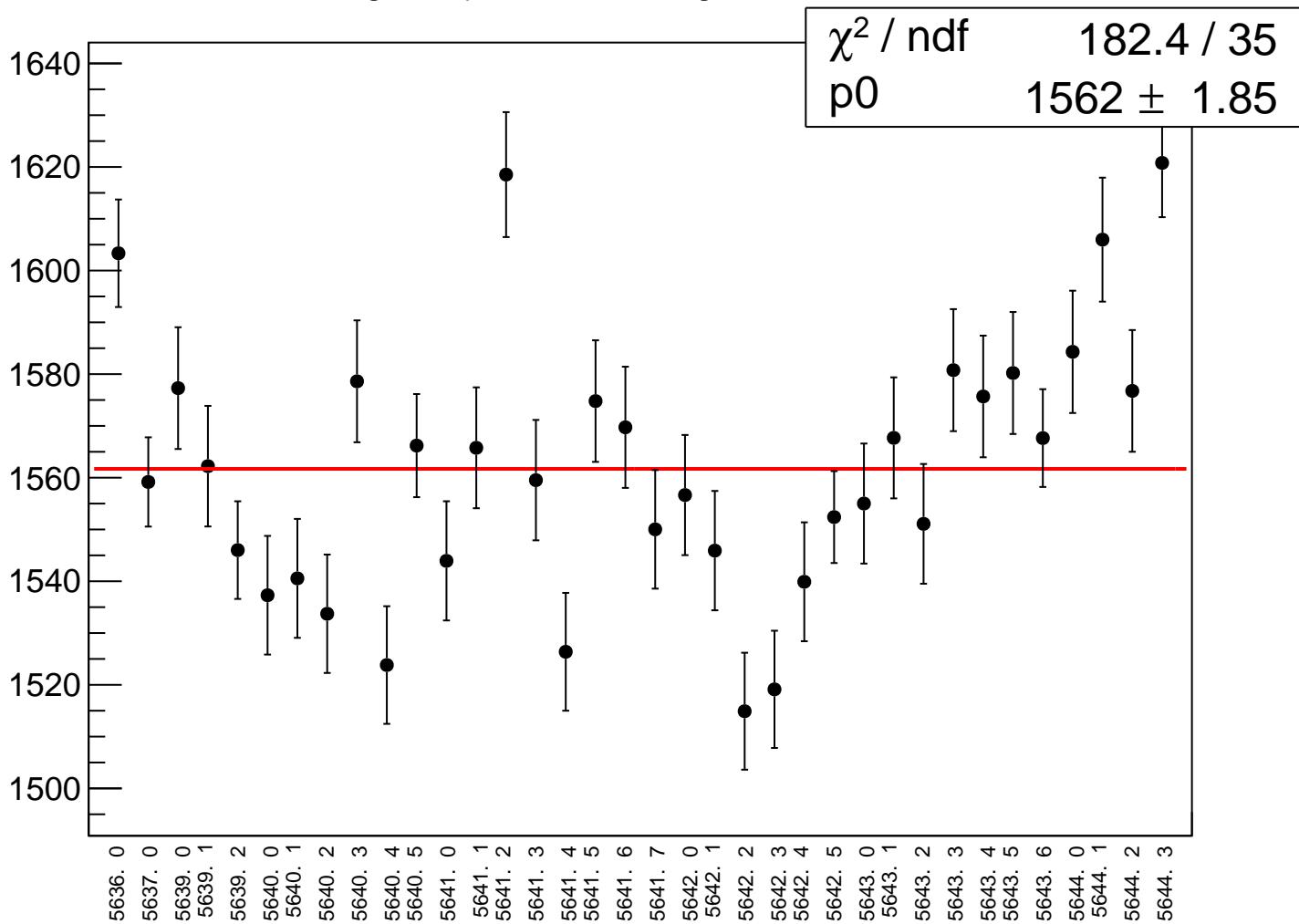
# asym\_at1\_dd\_rms vs run



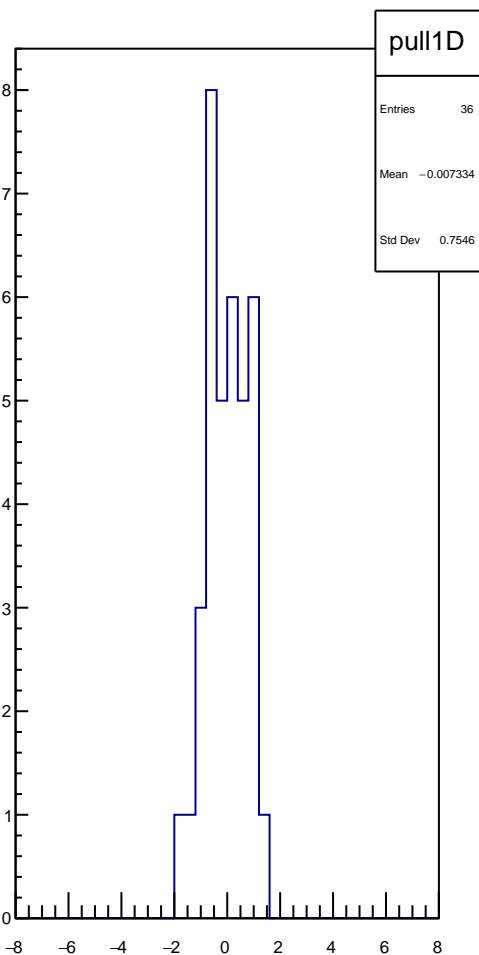
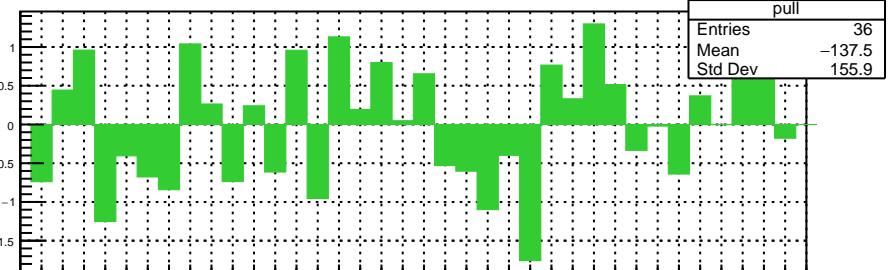
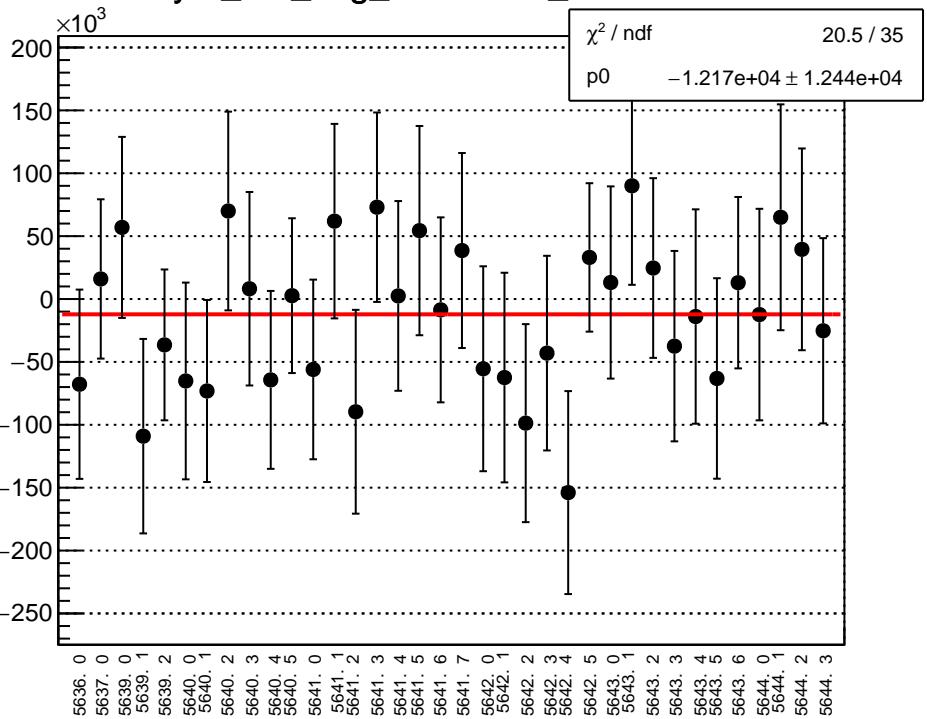
# reg\_asym\_at2\_avg\_mean vs run



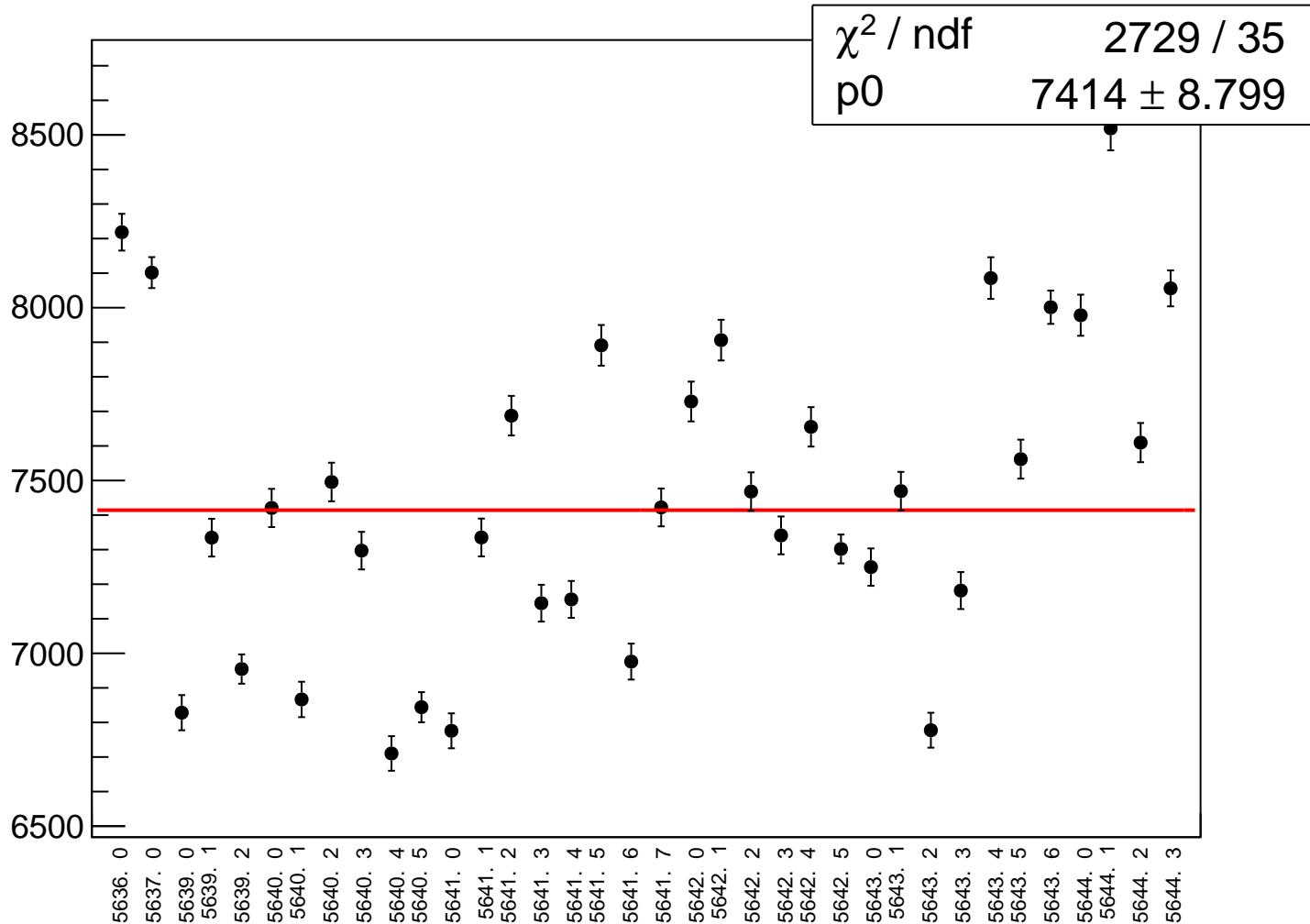
# reg\_asym\_at2\_avg\_rms vs run



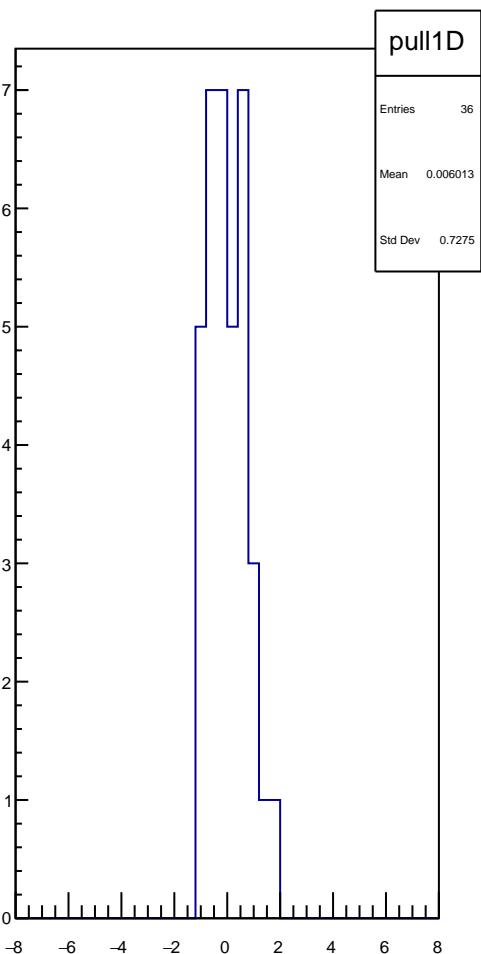
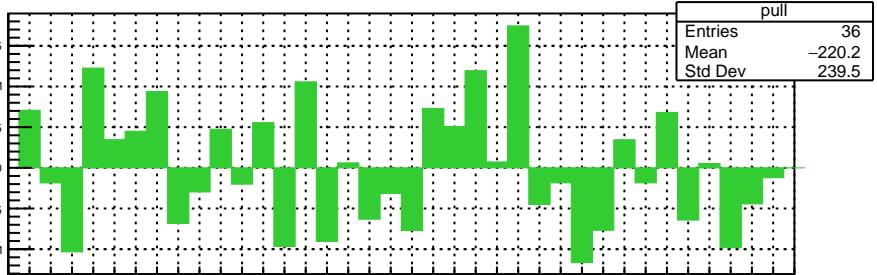
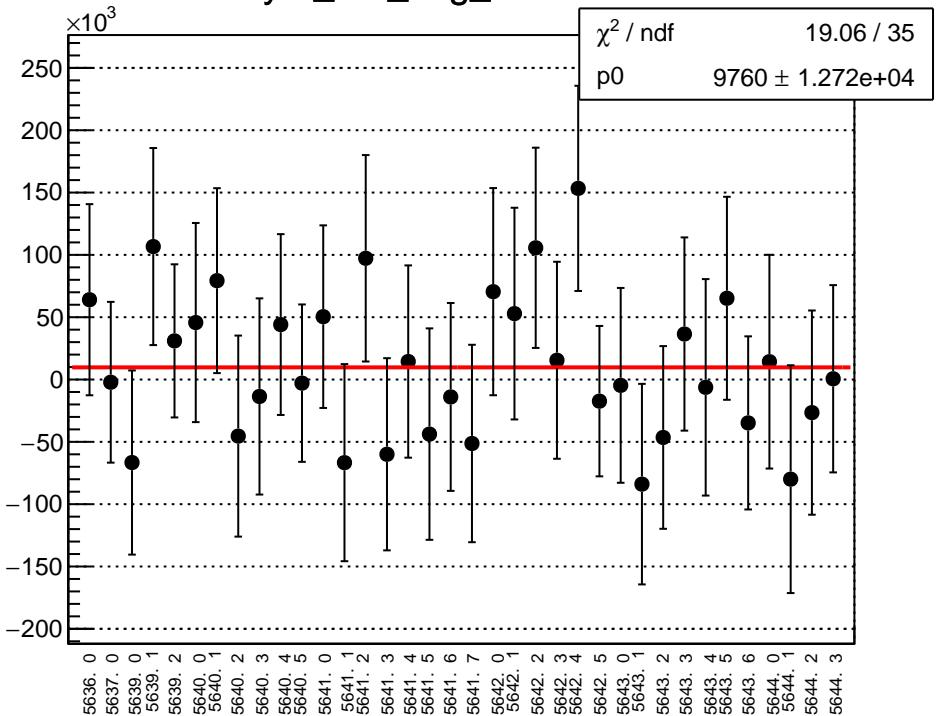
# asym\_at2\_avg\_correction\_mean vs run



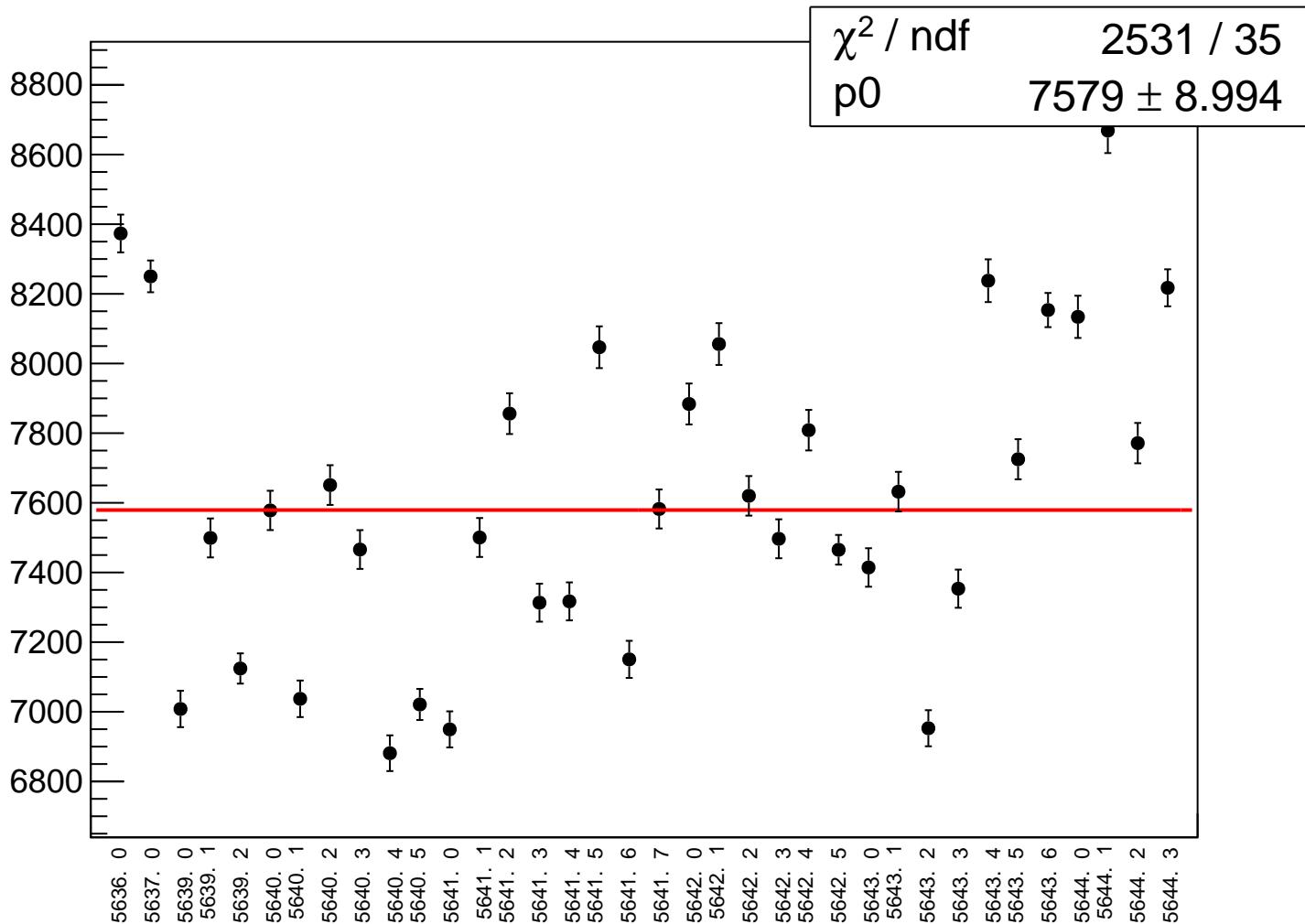
# asym\_at2\_avg\_correction\_rms vs run



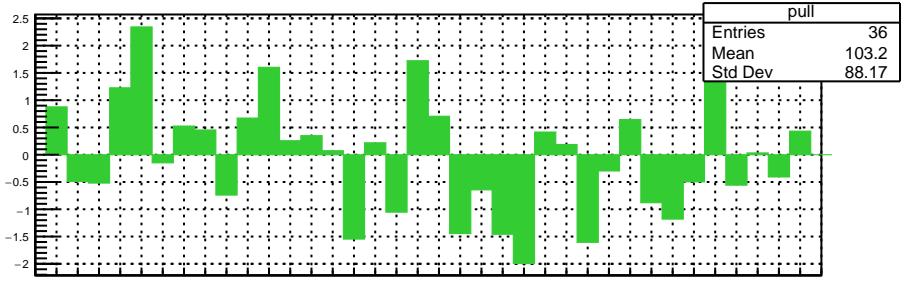
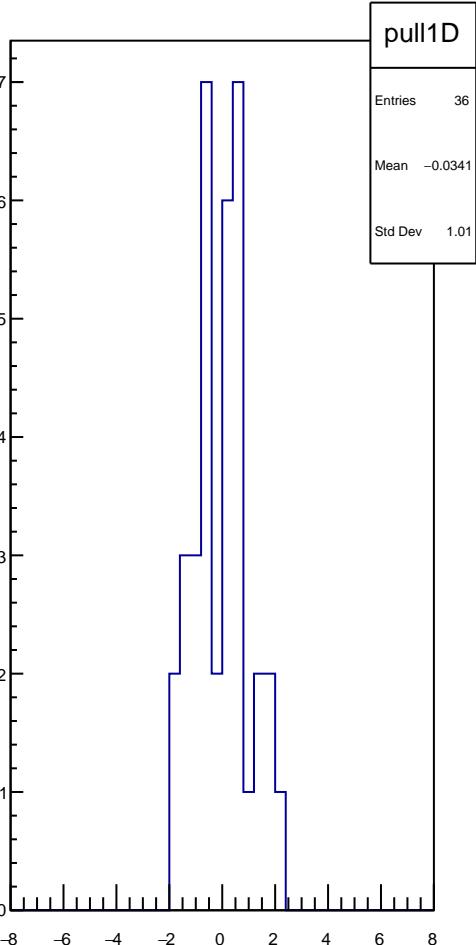
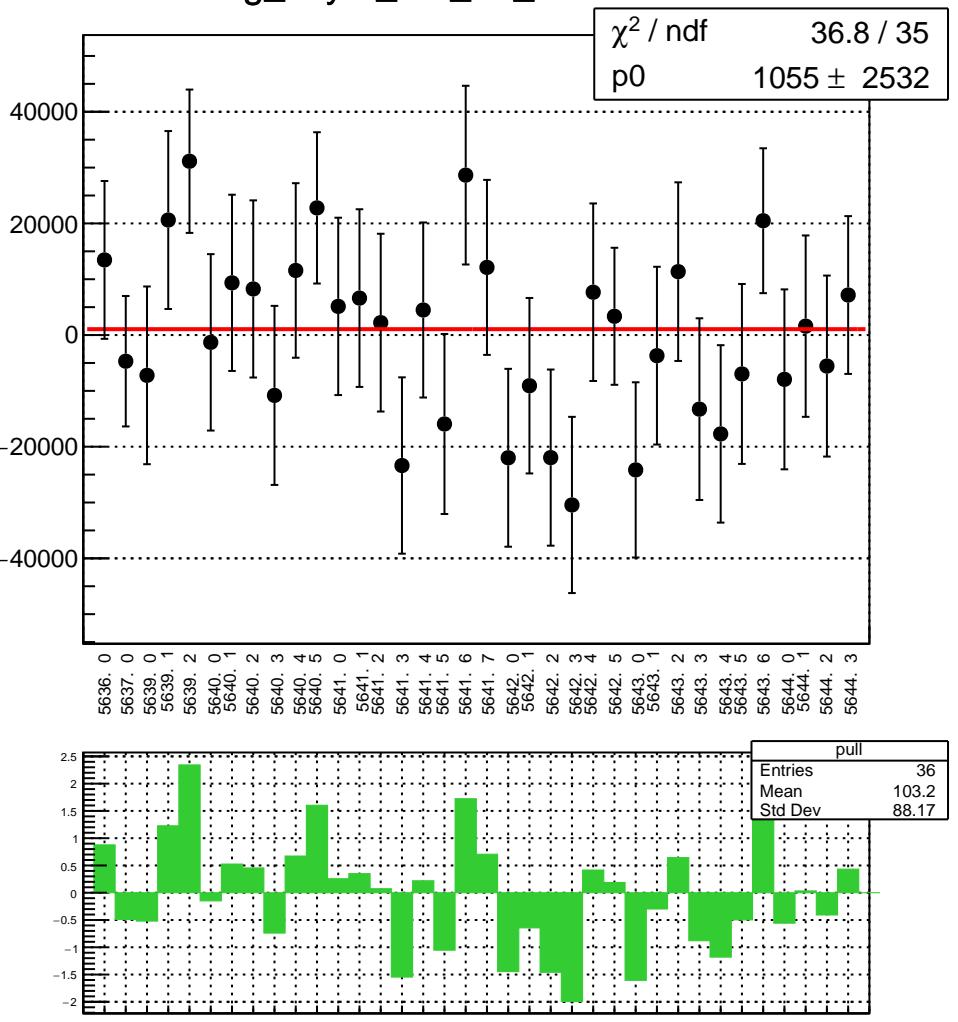
# asym\_at2\_avg\_mean vs run



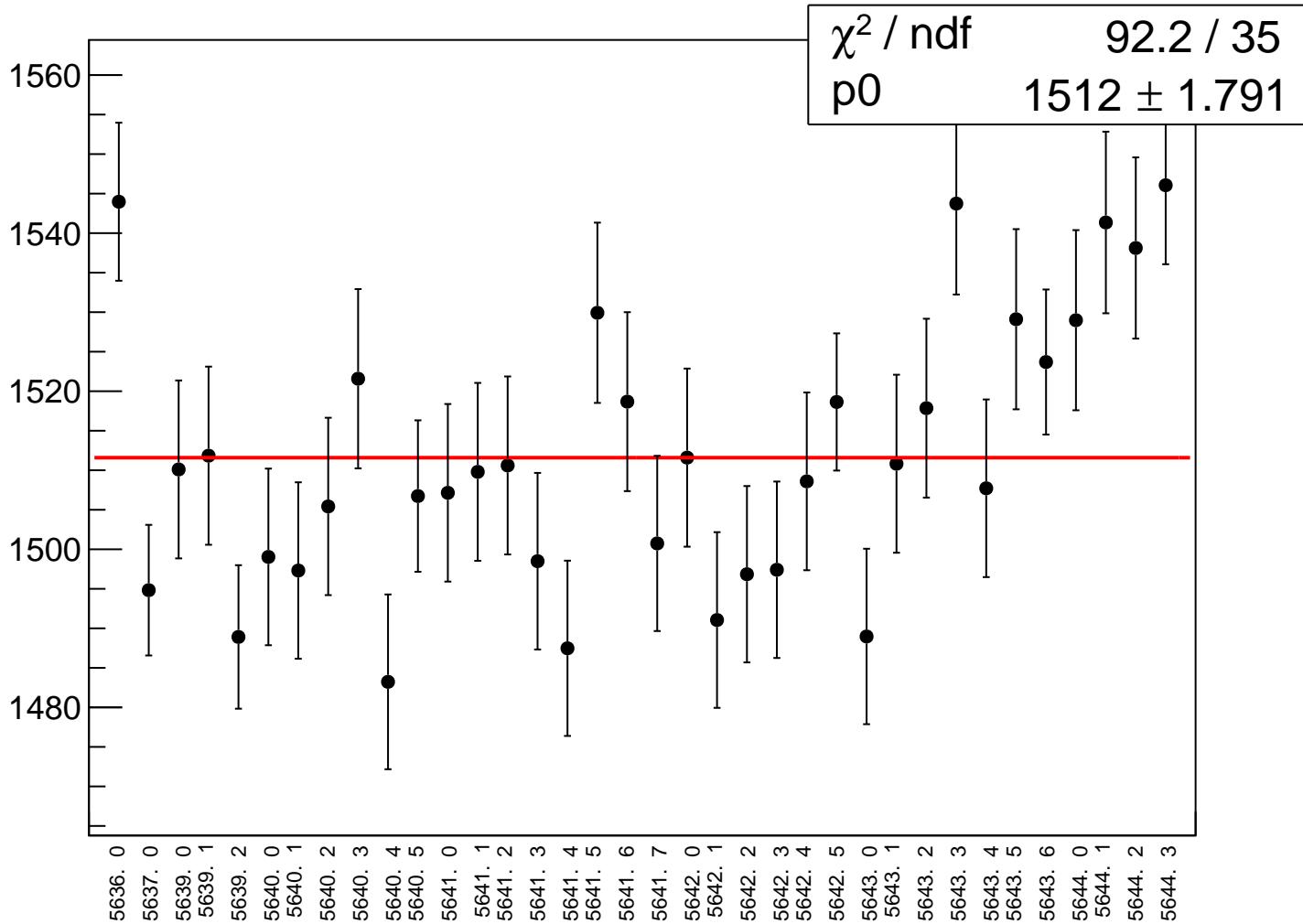
# asym\_at2\_avg\_rms vs run



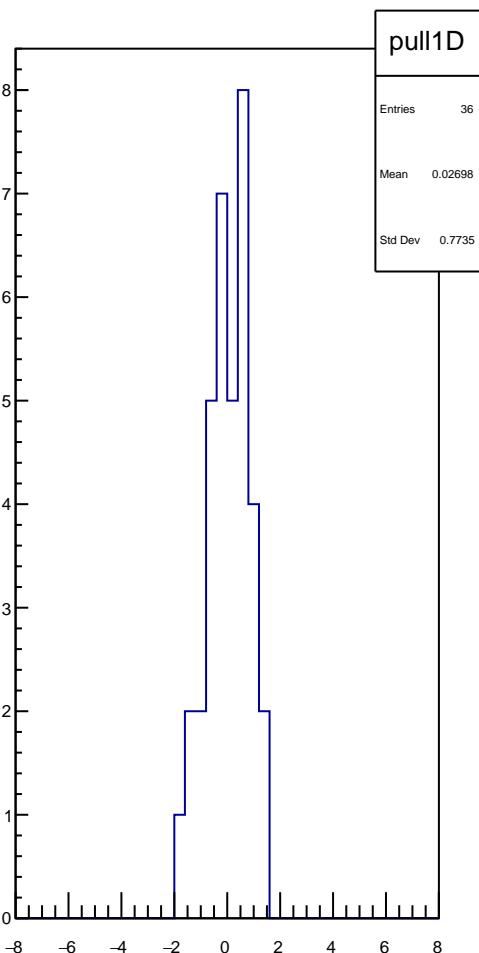
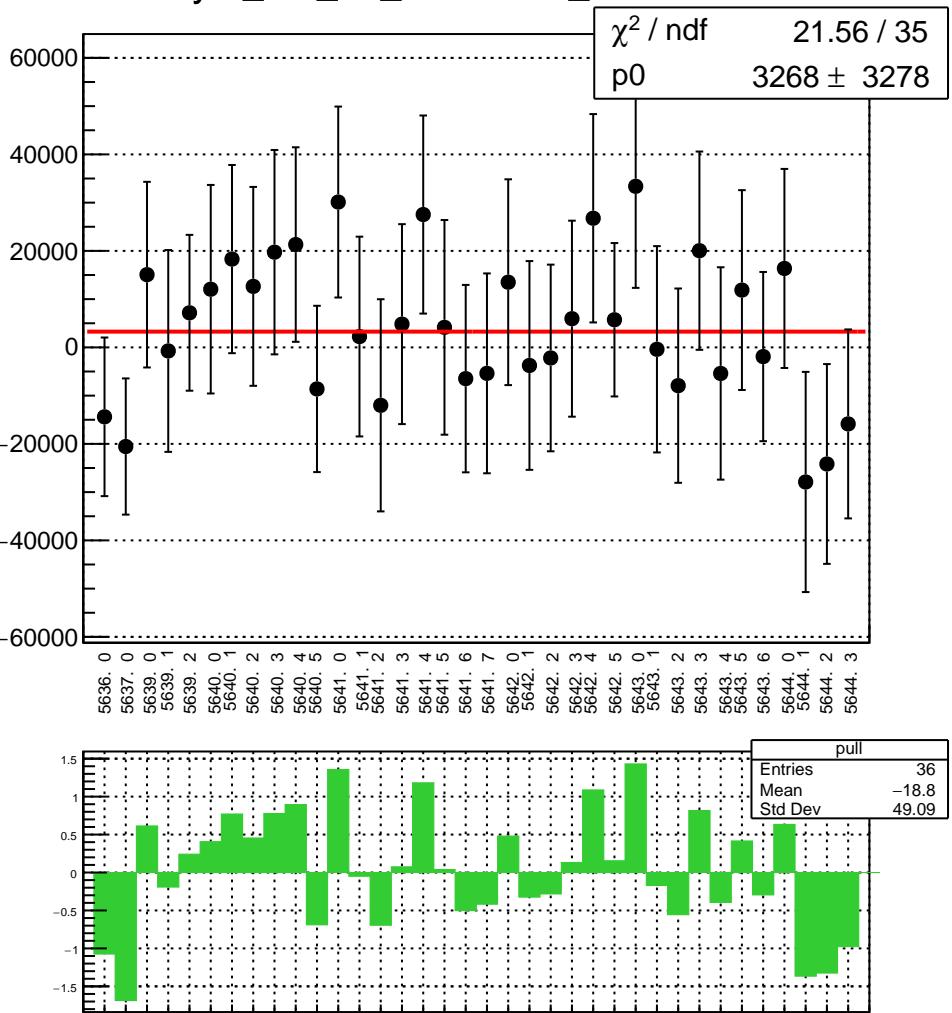
# reg\_asym\_at2\_dd\_mean vs run



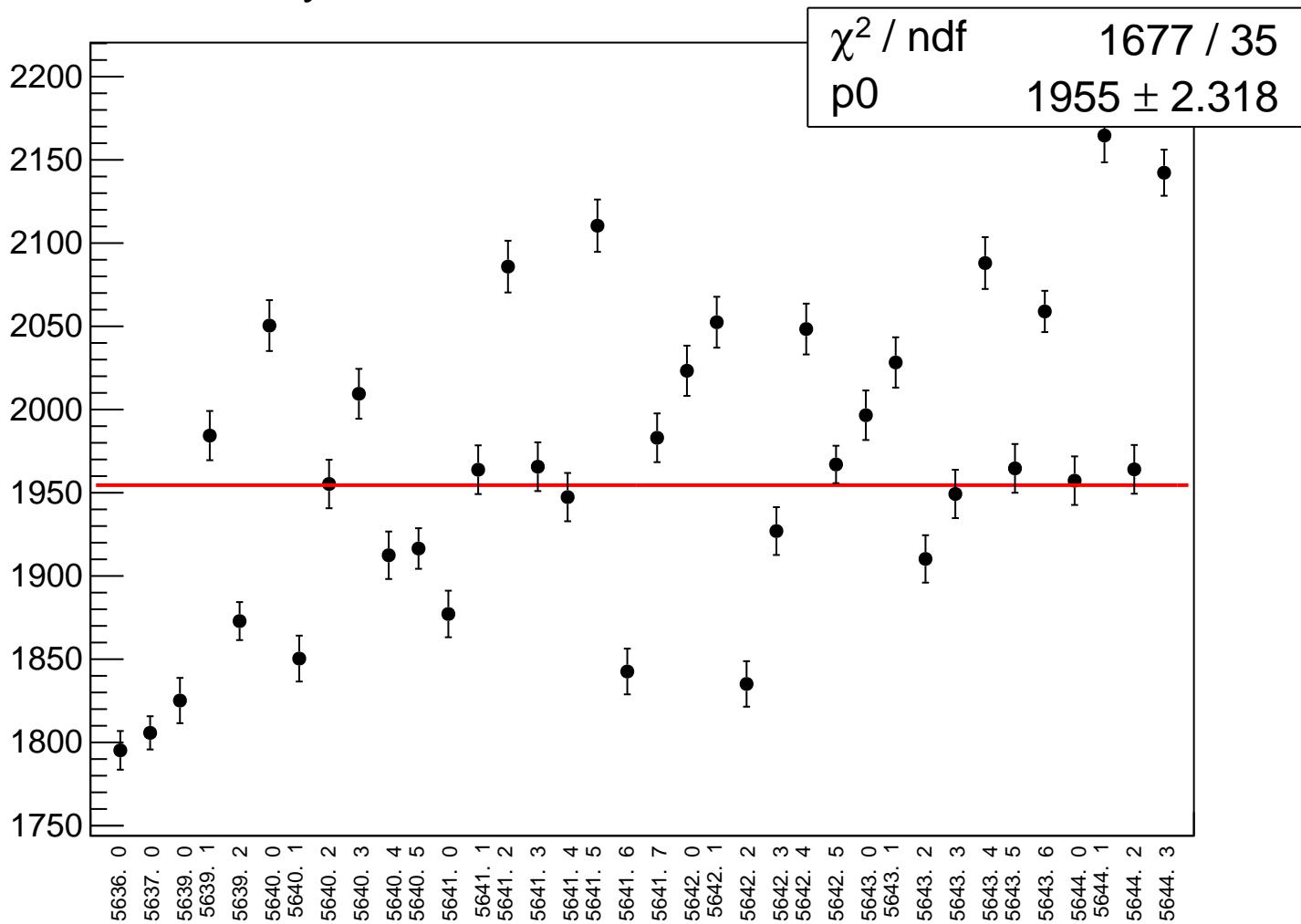
# reg\_asym\_at2\_dd\_rms vs run



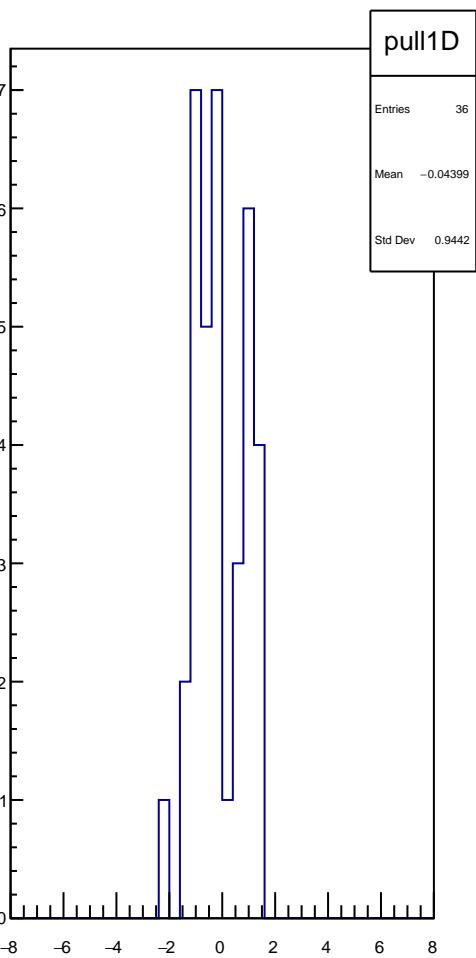
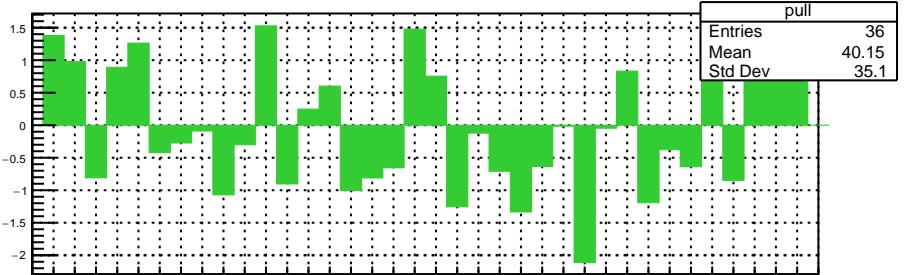
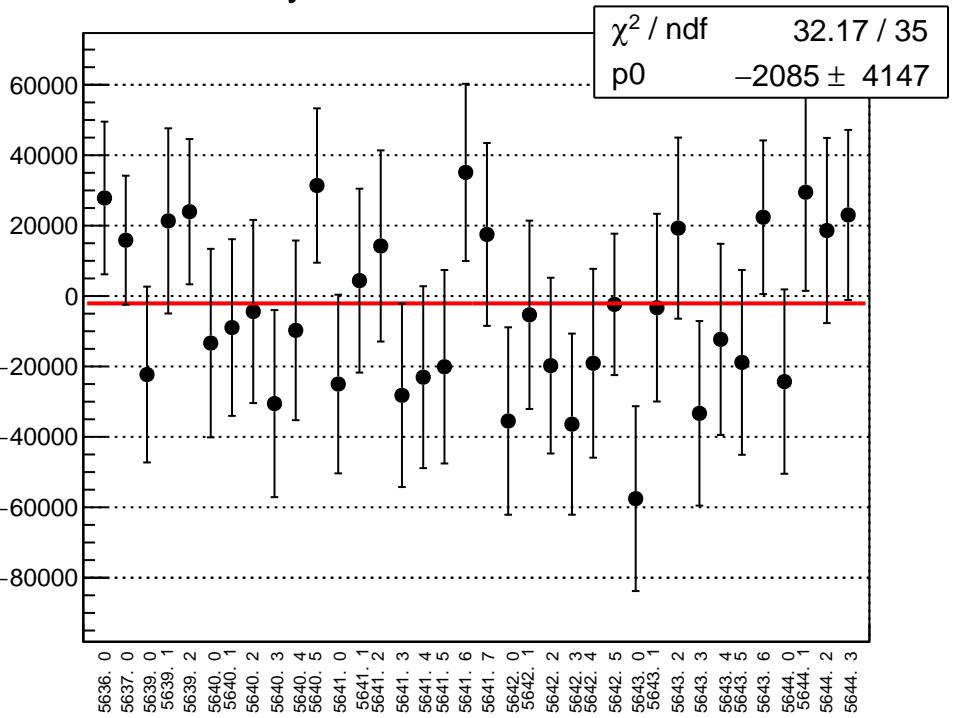
# asym\_at2\_dd\_correction\_mean vs run



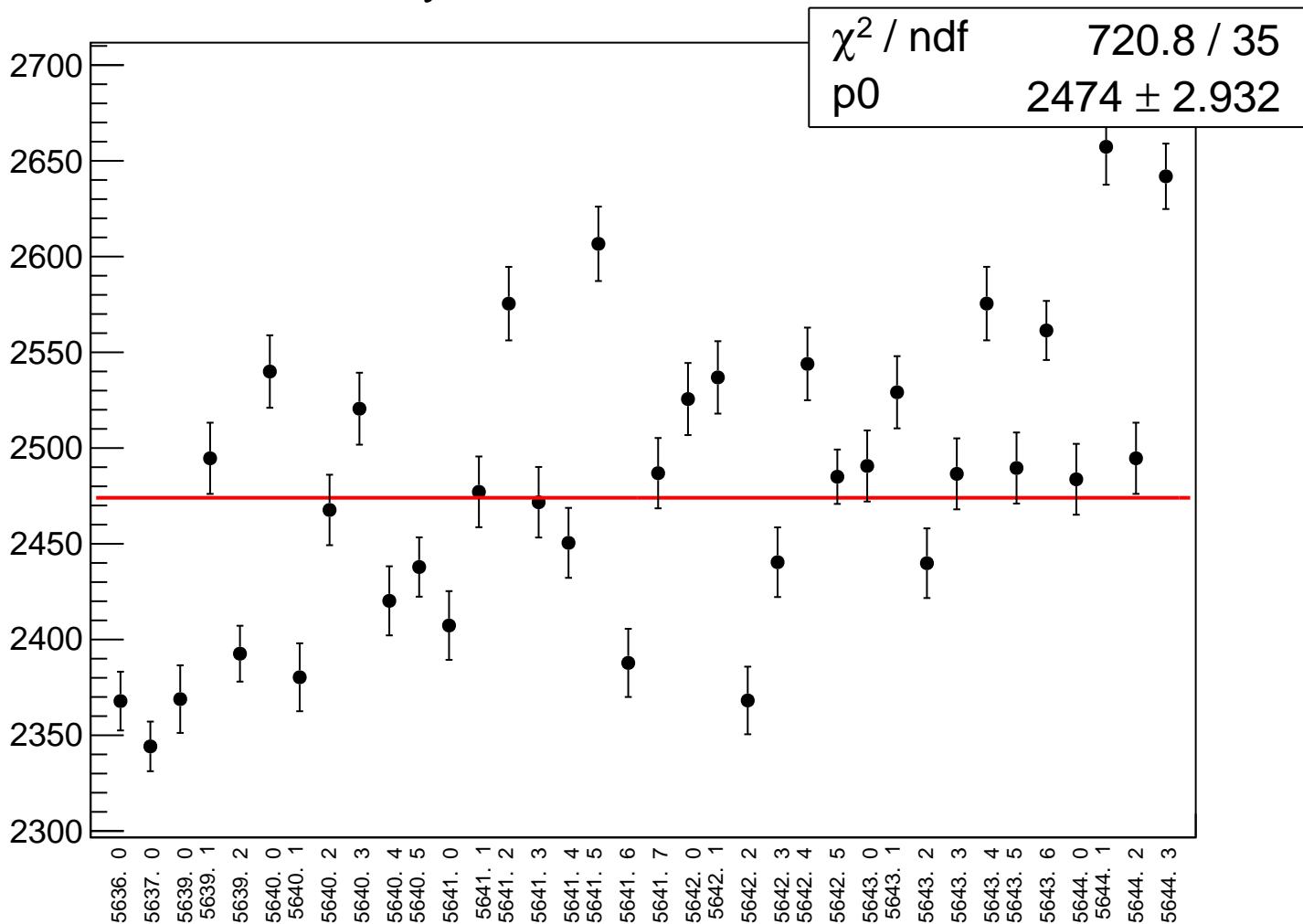
# asym\_at2\_dd\_correction\_rms vs run



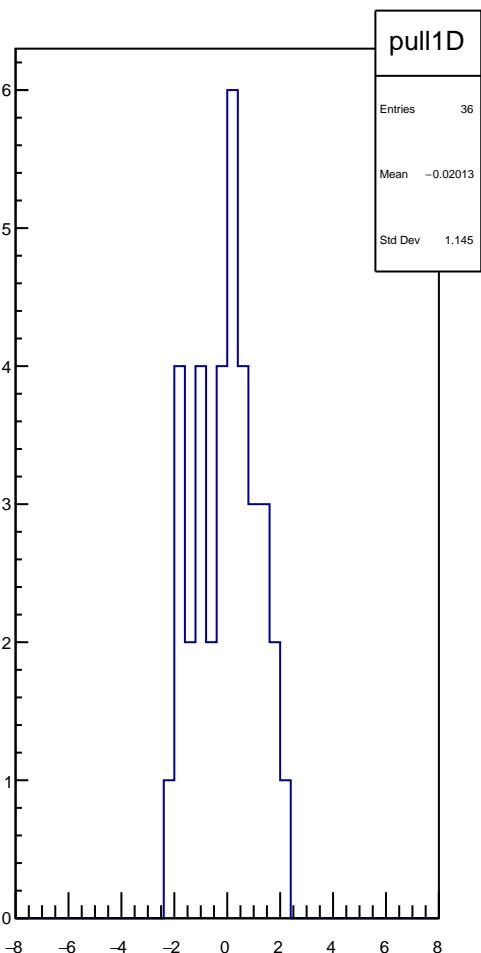
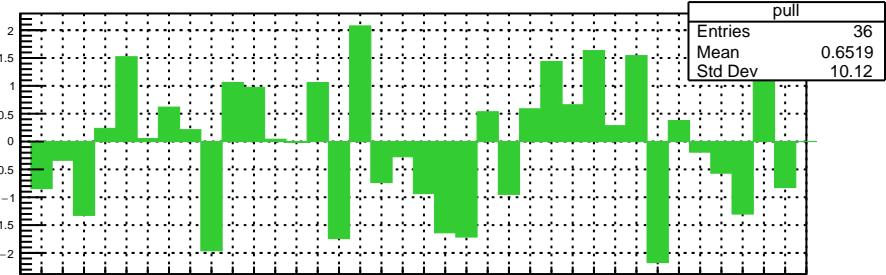
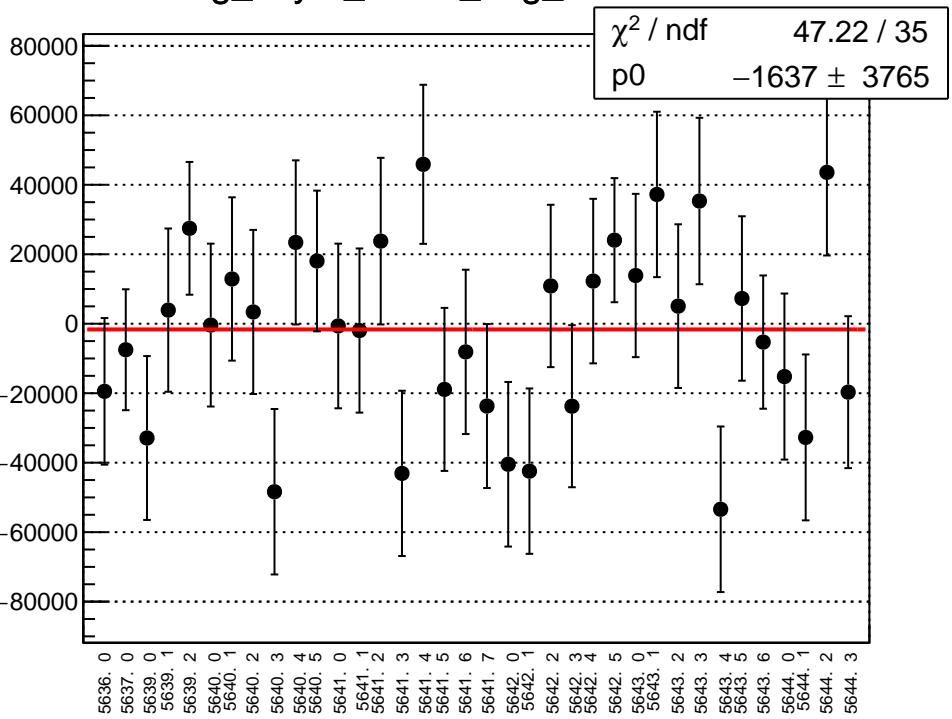
# asym\_at2\_dd\_mean vs run



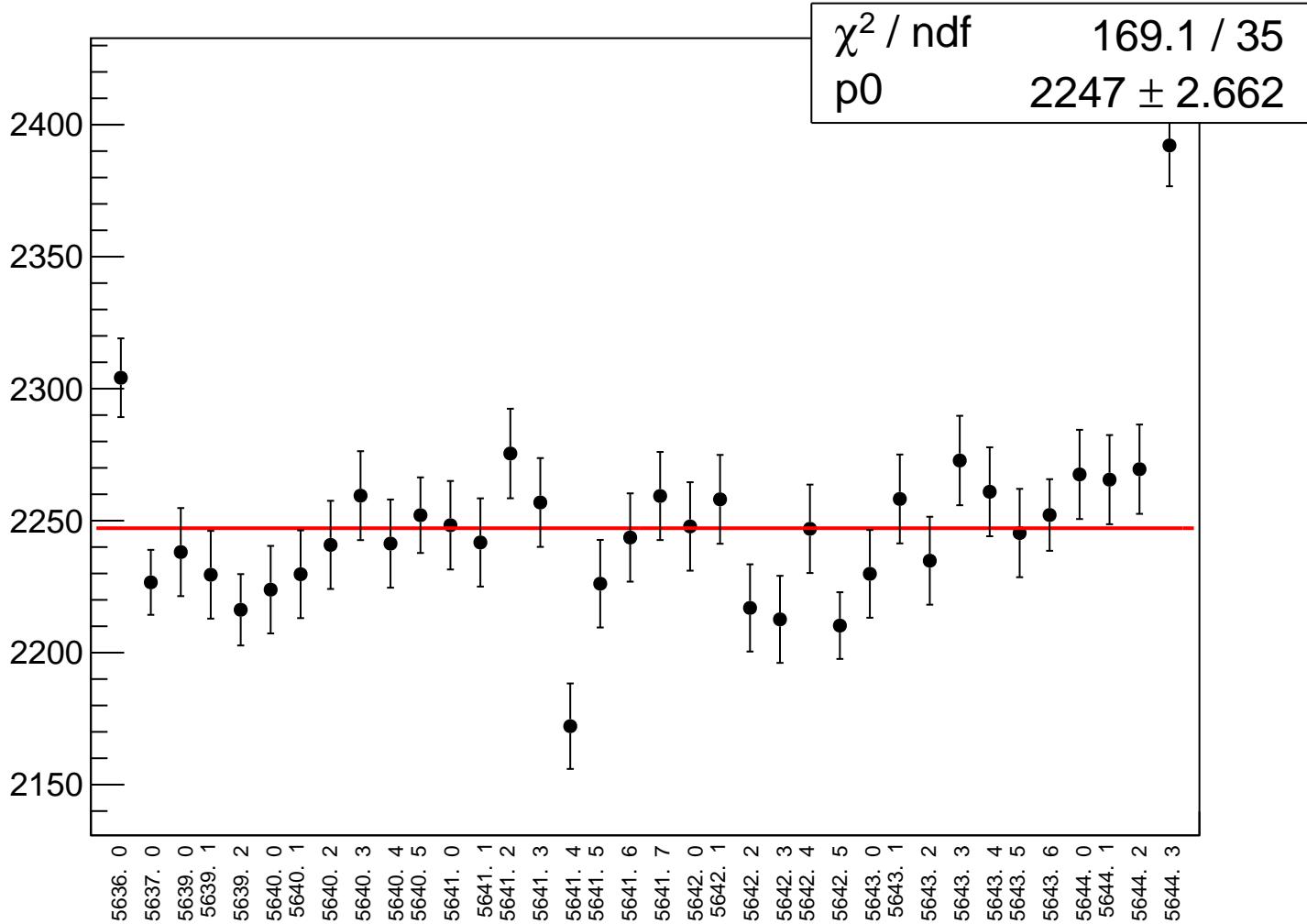
# asym\_at2\_dd\_rms vs run



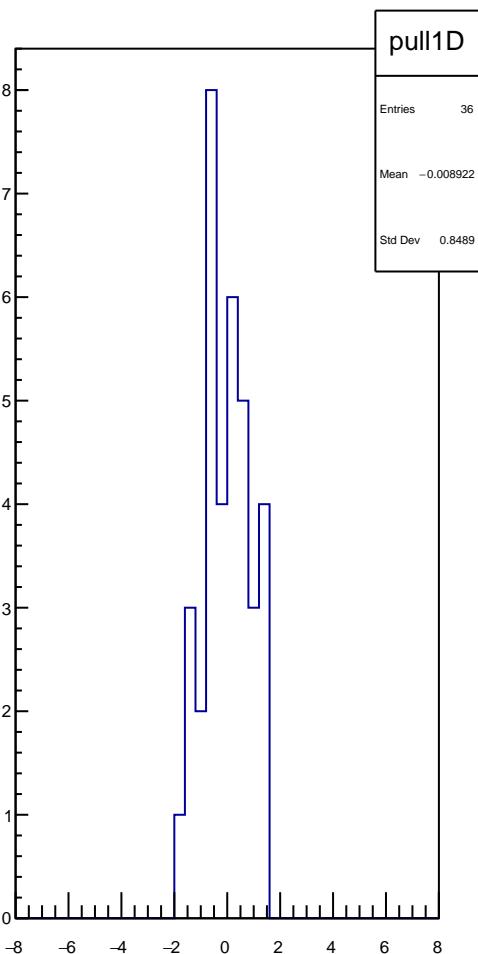
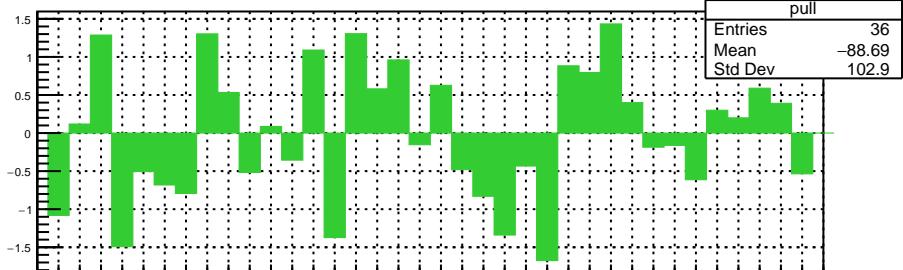
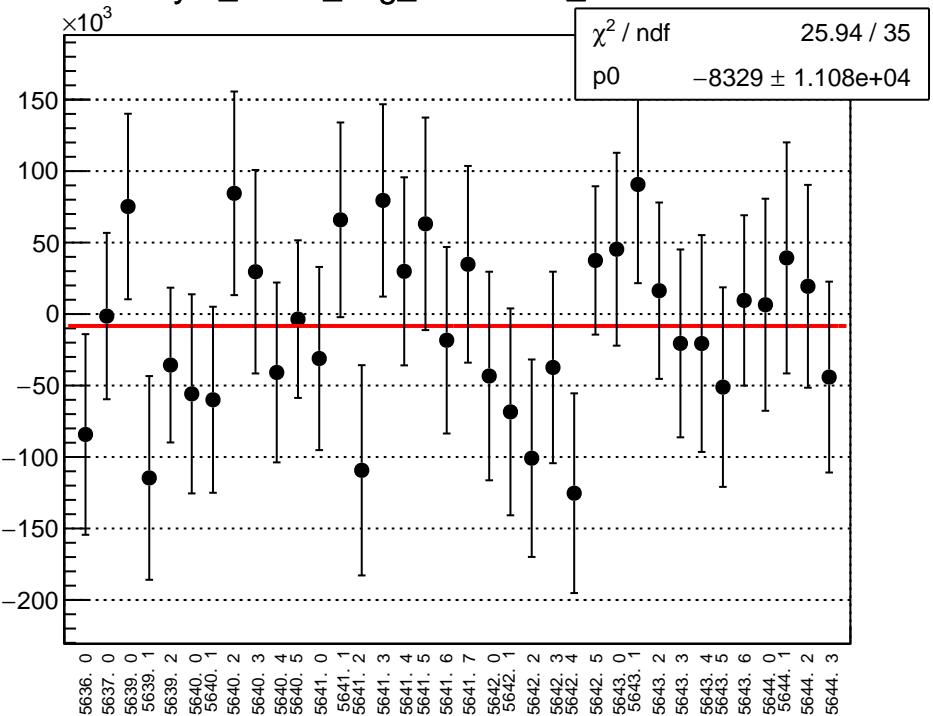
# reg\_asym\_atl1r2\_avg\_mean vs run



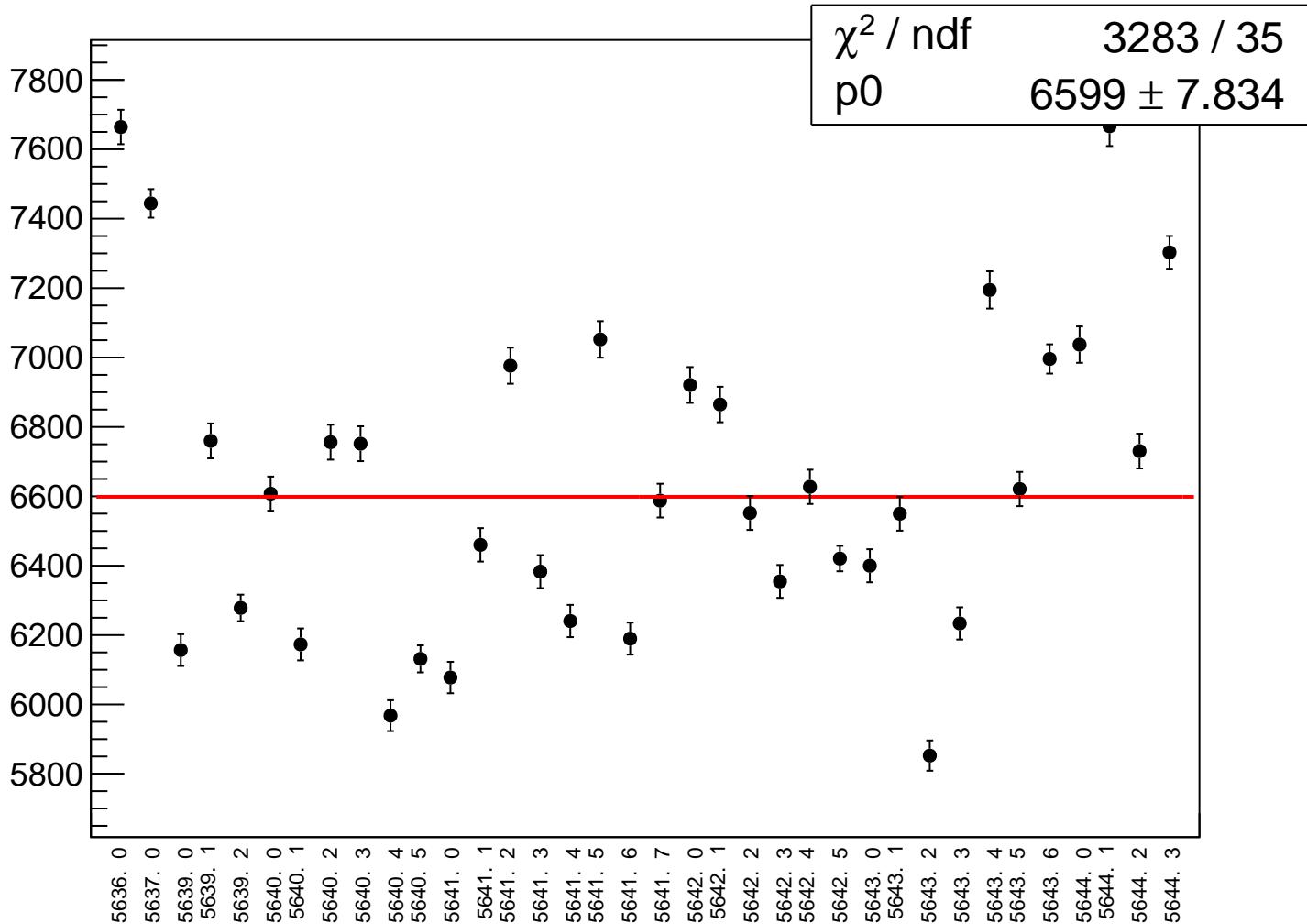
# reg\_asym\_atl1r2\_avg\_rms vs run



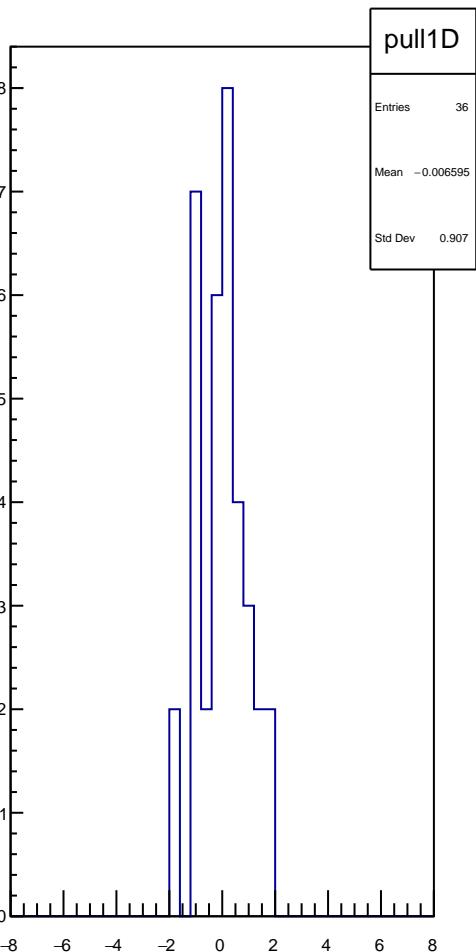
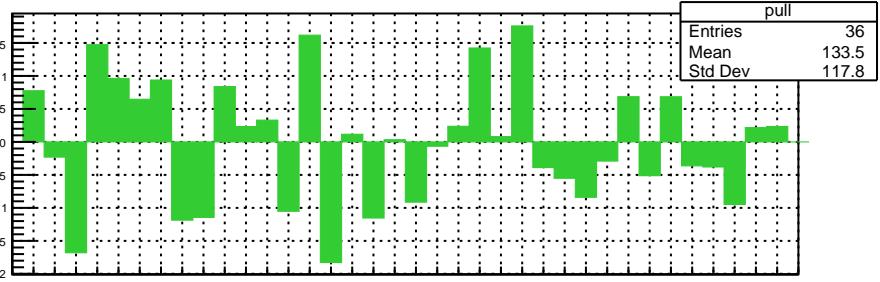
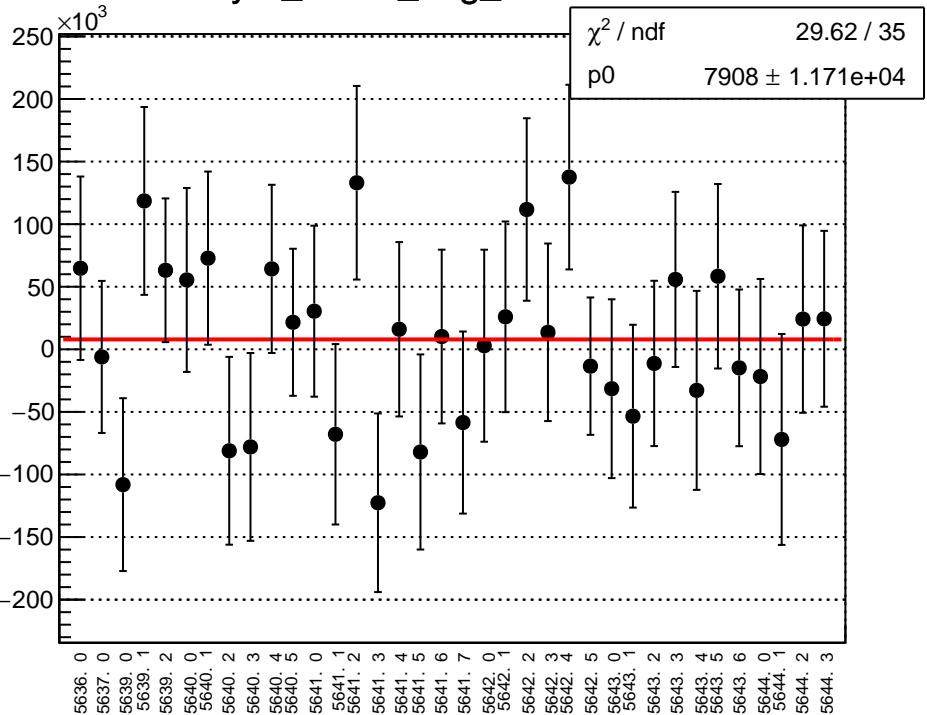
# asym\_atl1r2\_avg\_correction\_mean vs run



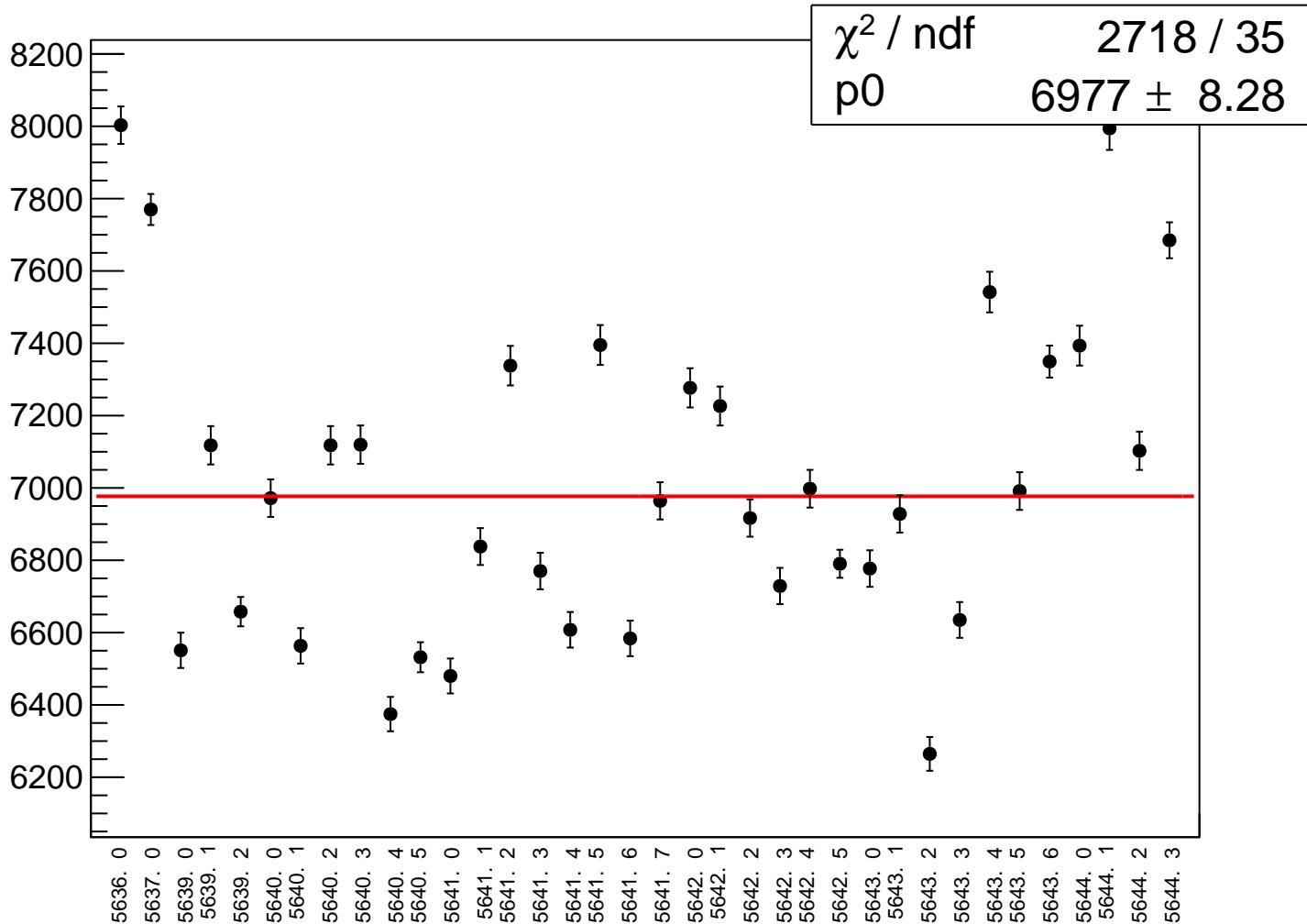
# asym\_atl1r2\_avg\_correction\_rms vs run



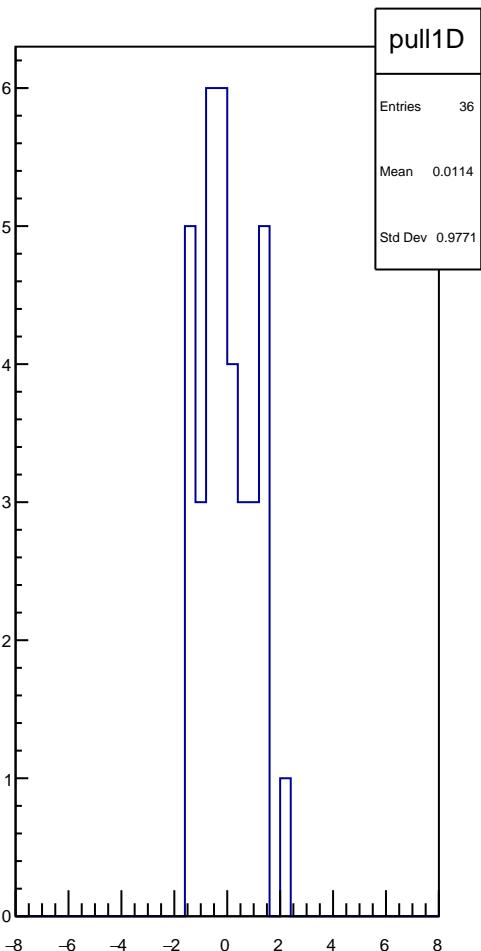
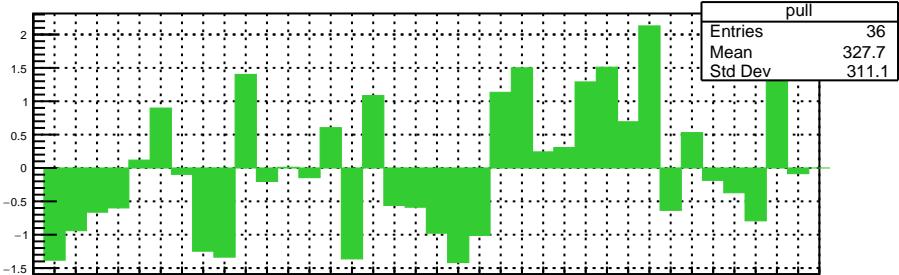
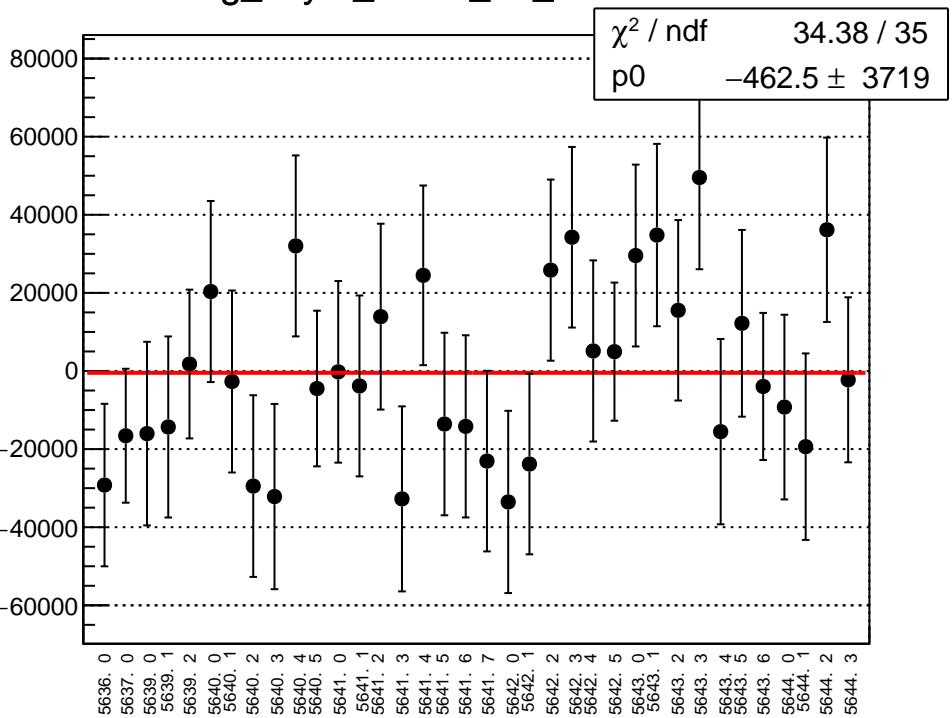
# asym\_atl1r2\_avg\_mean vs run



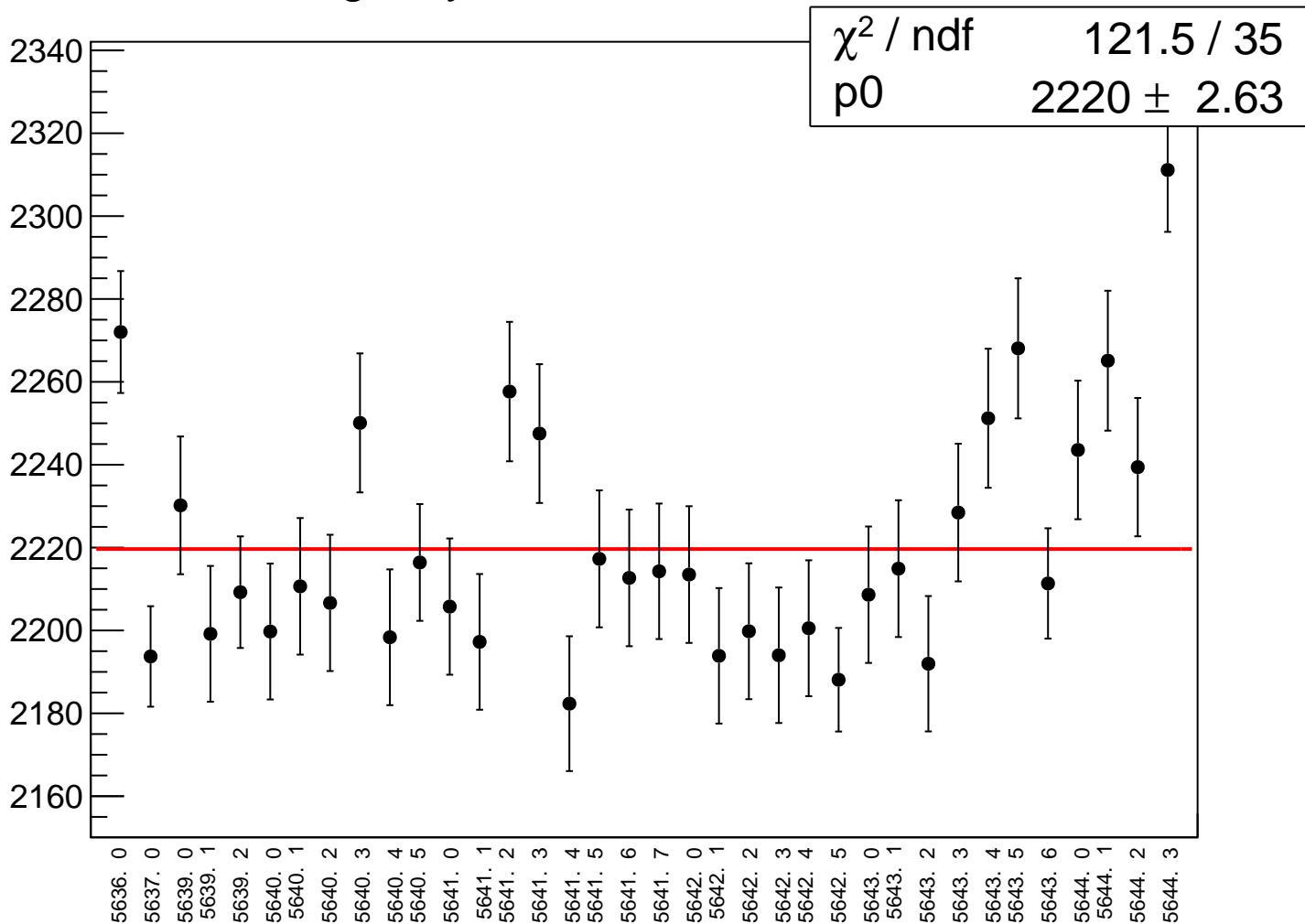
# asym\_atl1r2\_avg\_rms vs run



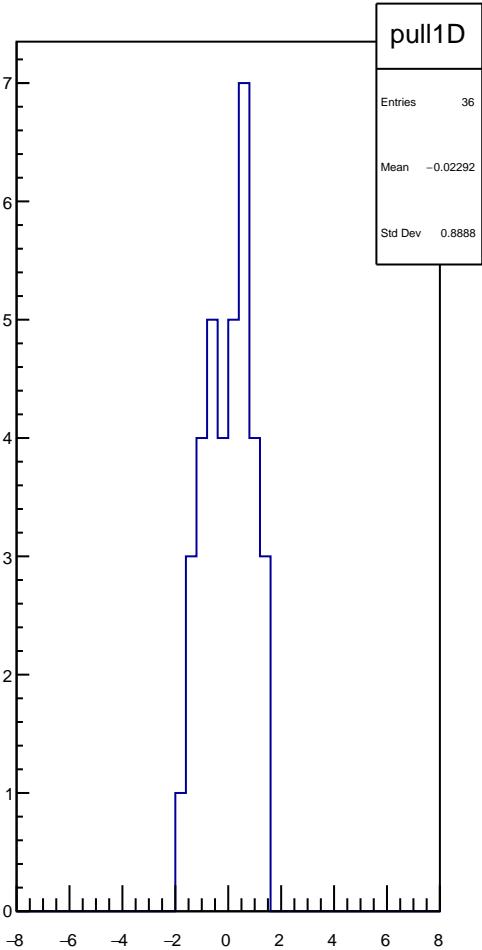
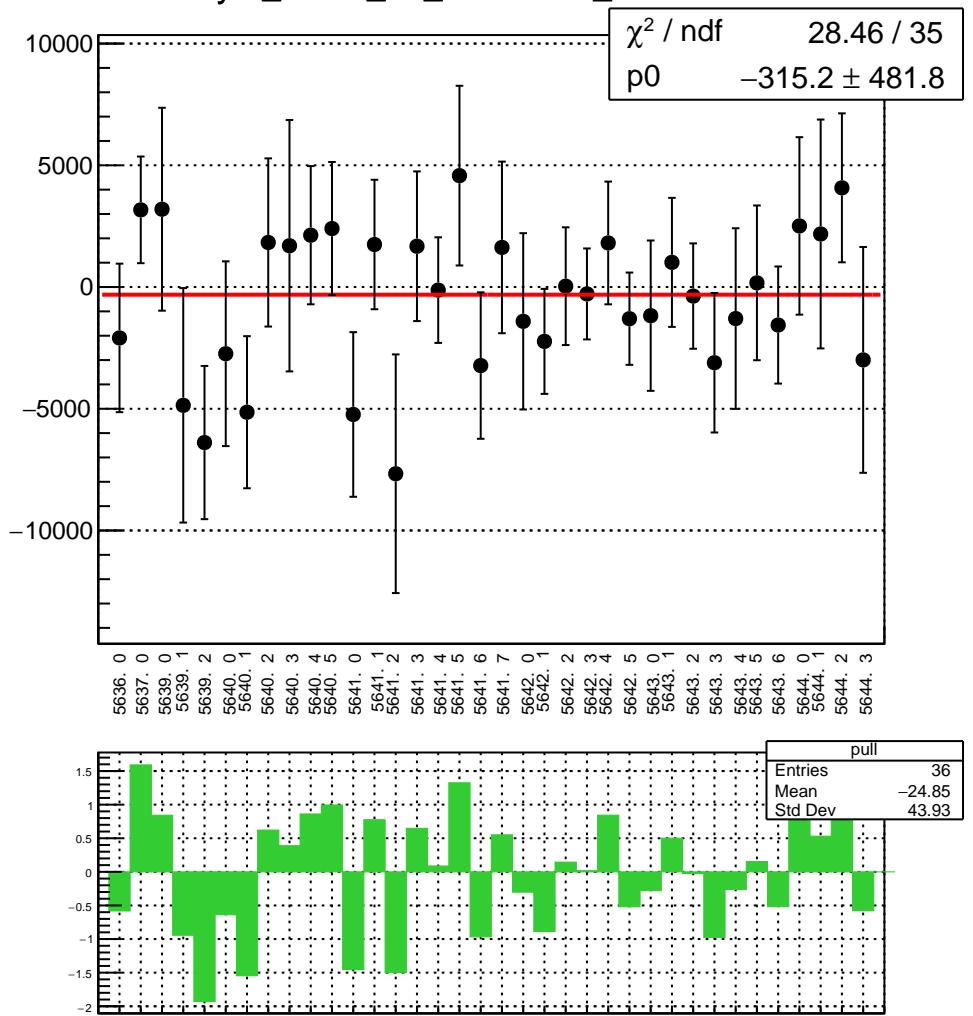
# reg\_asym\_atl1r2\_dd\_mean vs run



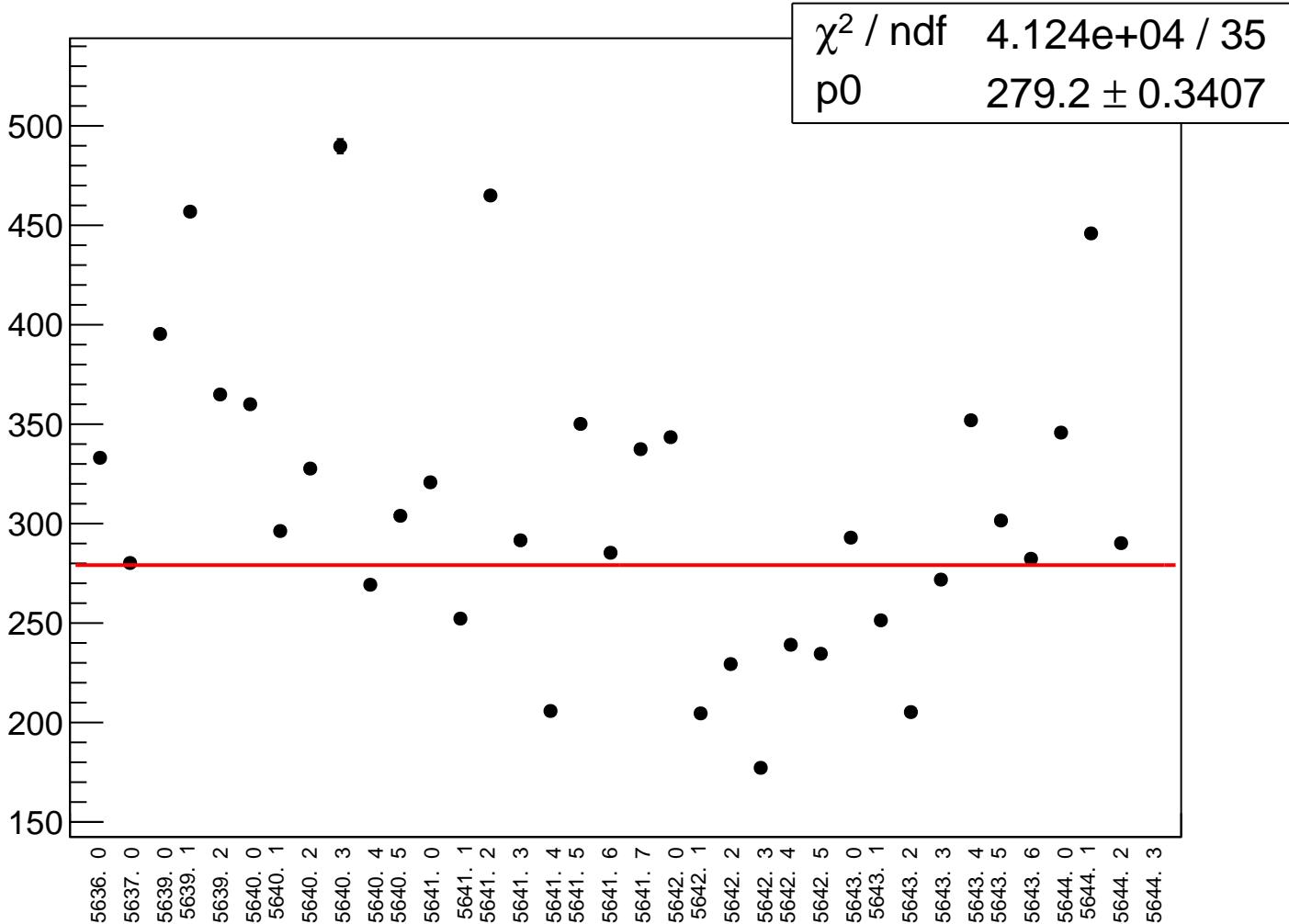
# reg\_asym\_atl1r2\_dd\_rms vs run



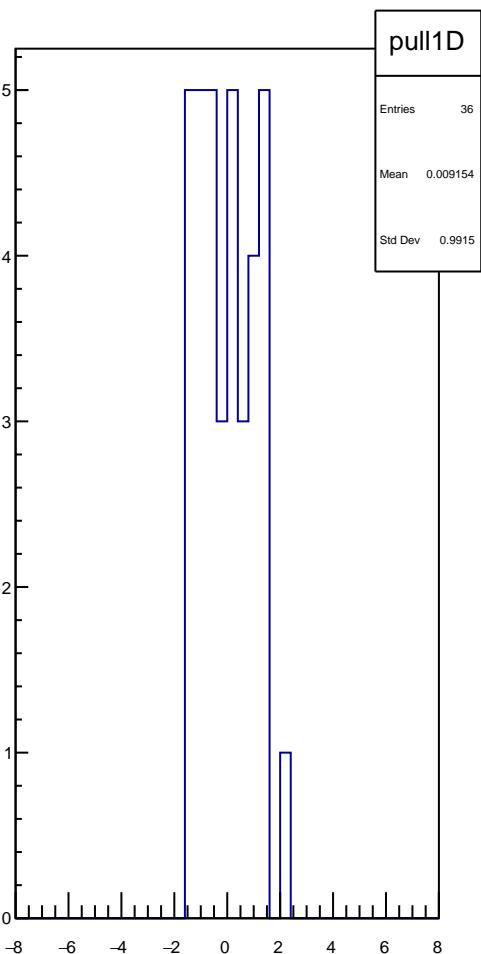
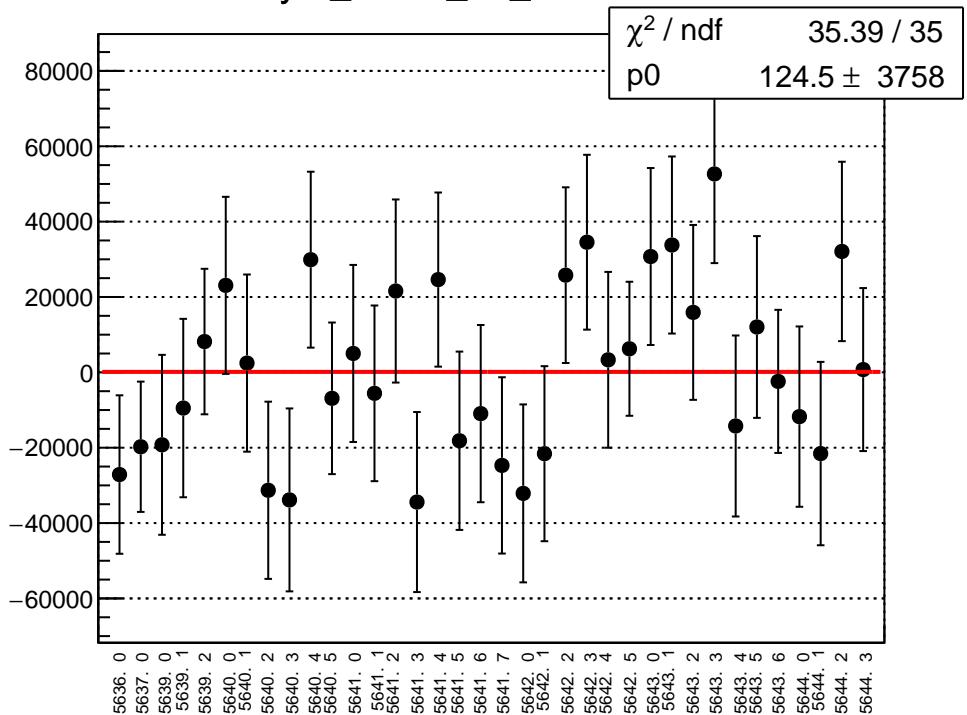
# asym\_atl1r2\_dd\_correction\_mean vs run



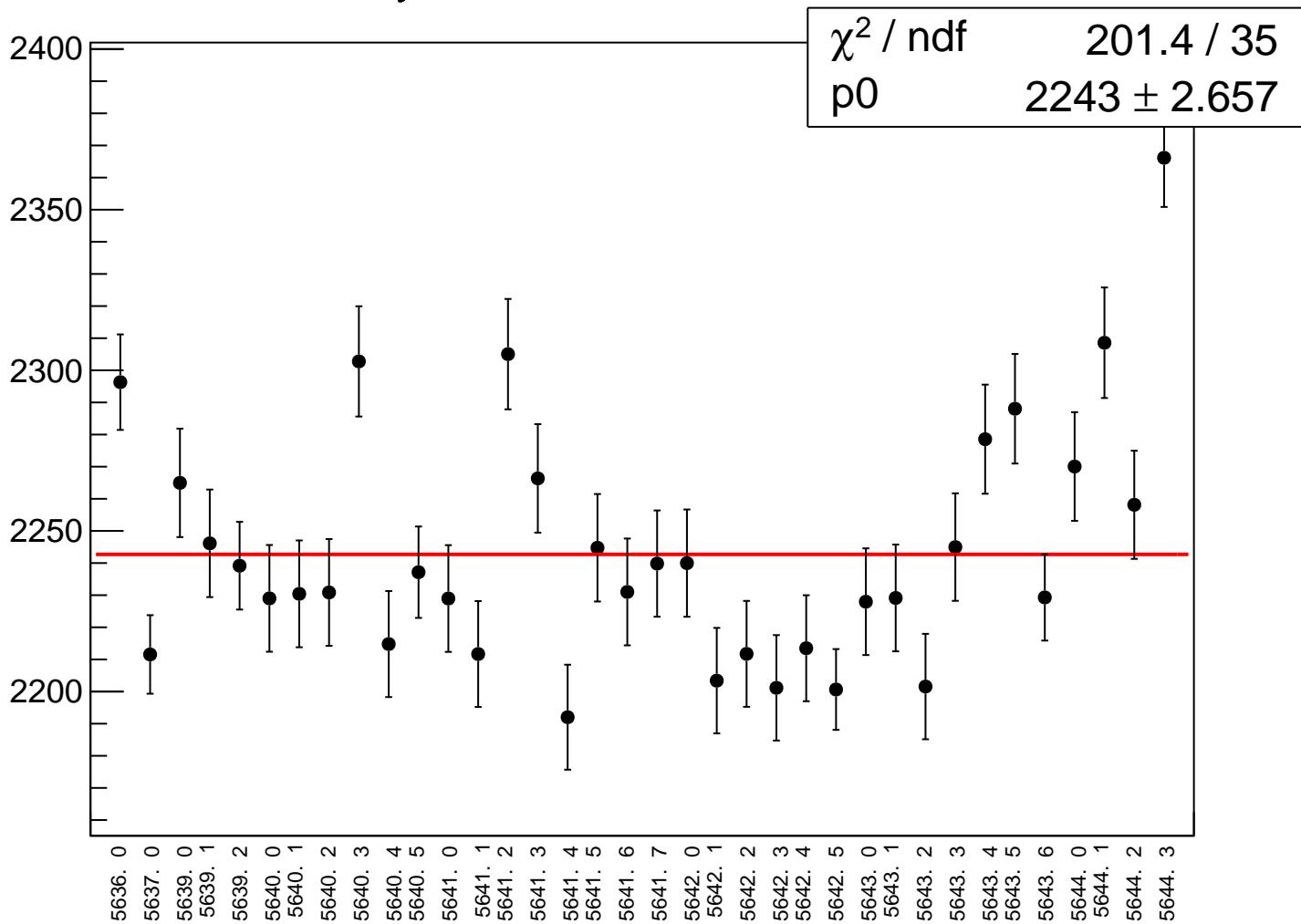
# asym\_atl1r2\_dd\_correction\_rms vs run



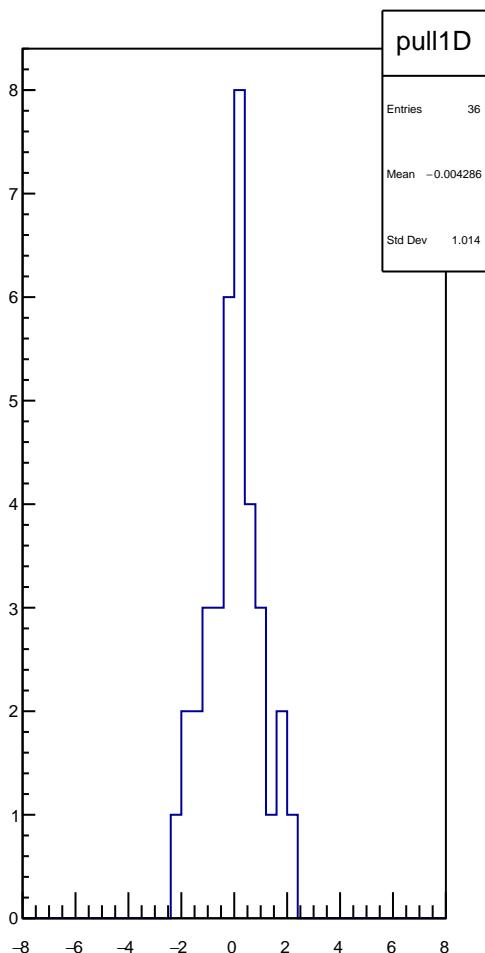
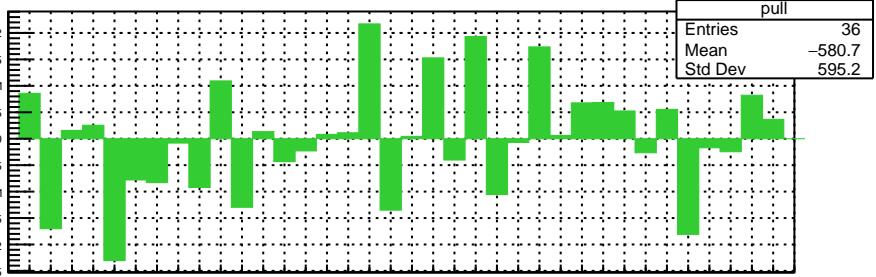
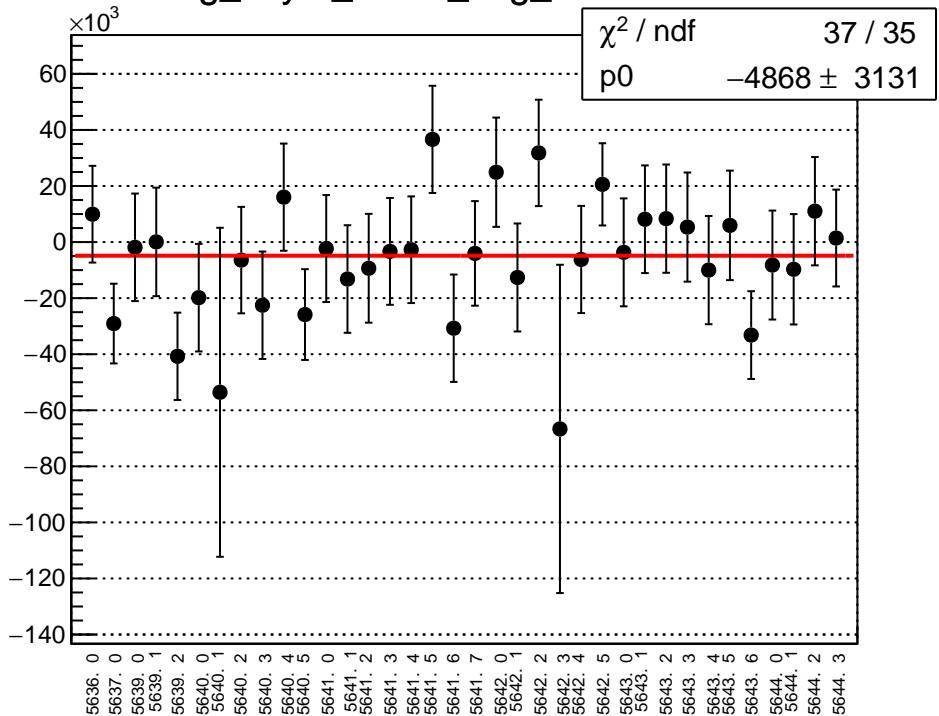
# asym\_atl1r2\_dd\_mean vs run



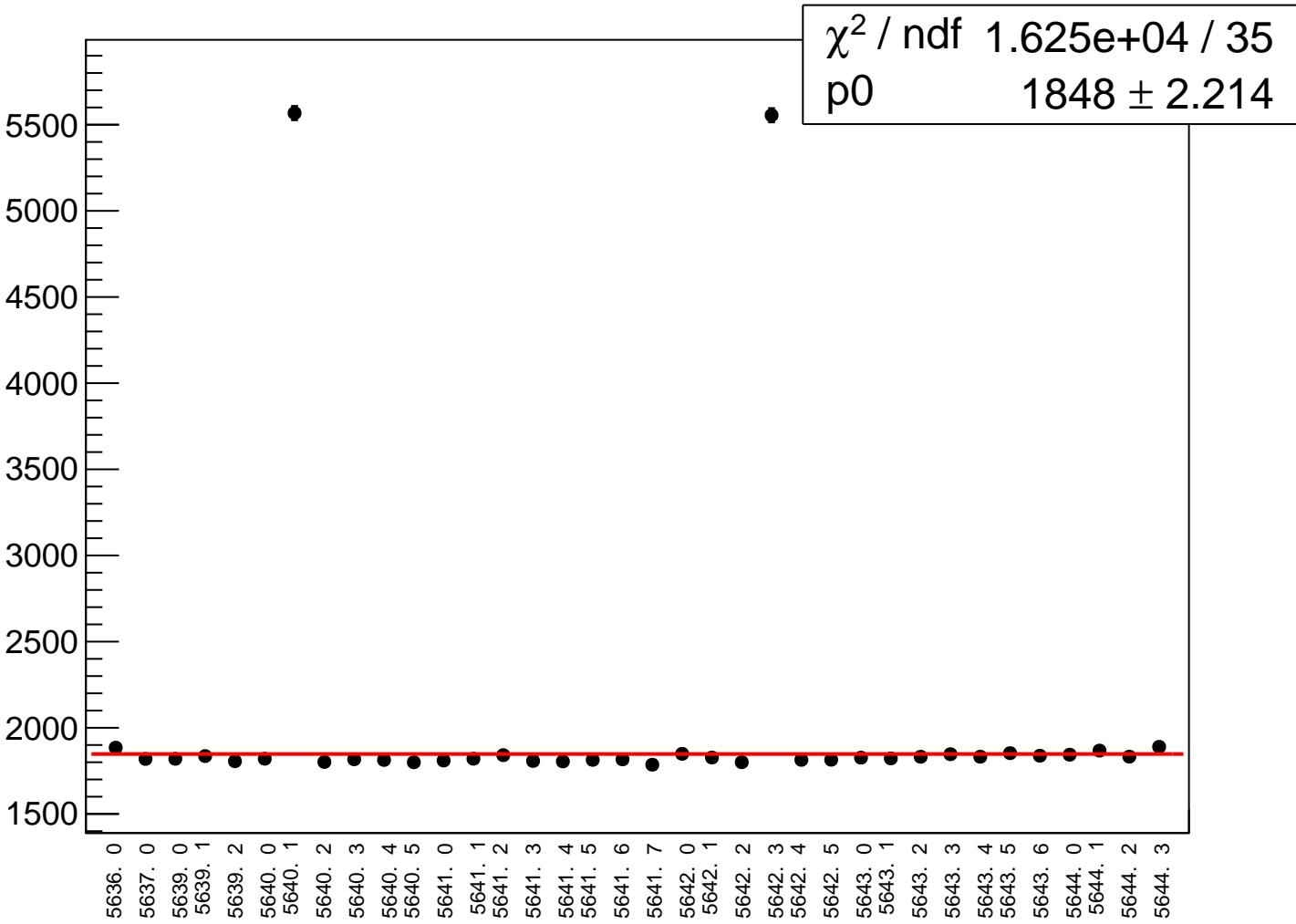
# asym\_atl1r2\_dd\_rms vs run

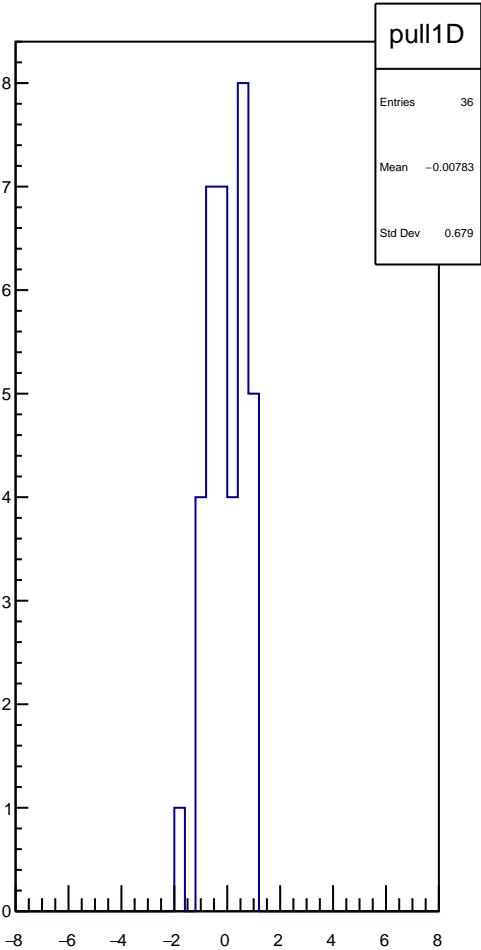
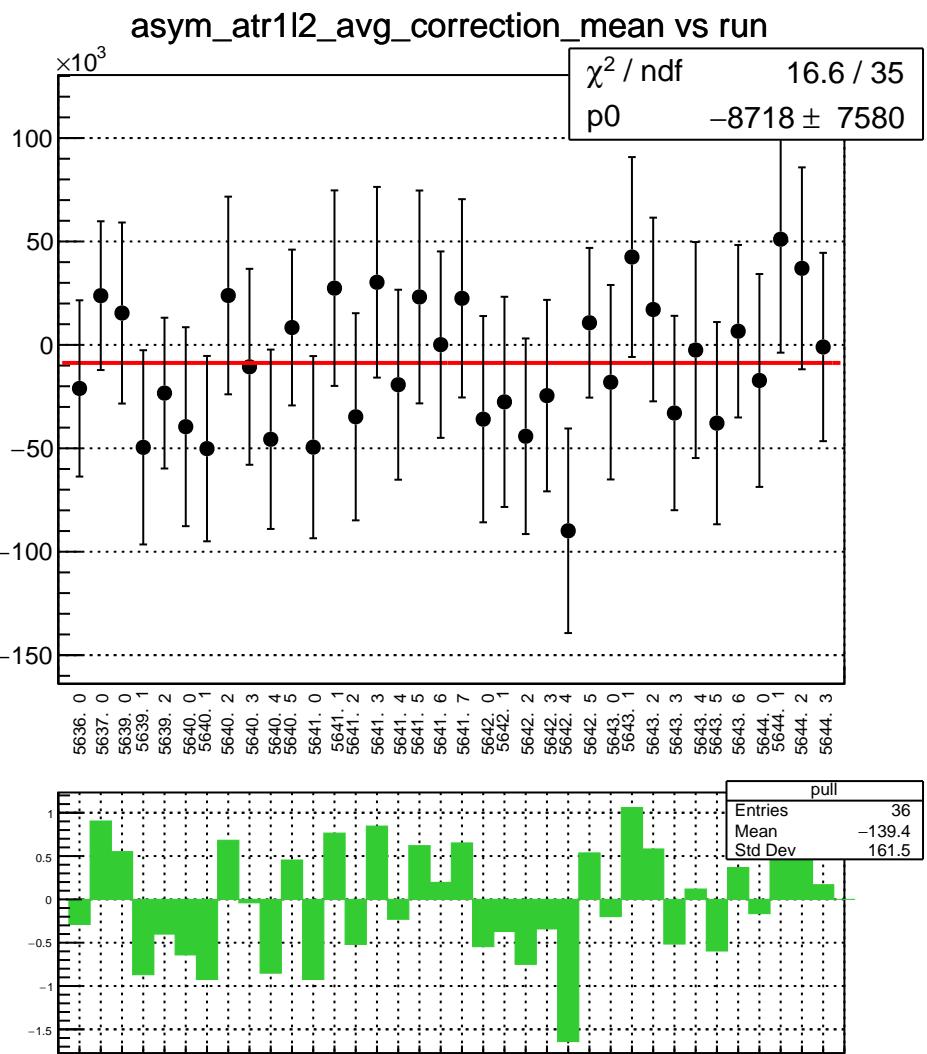


# reg\_asym\_atr12\_avg\_mean vs run

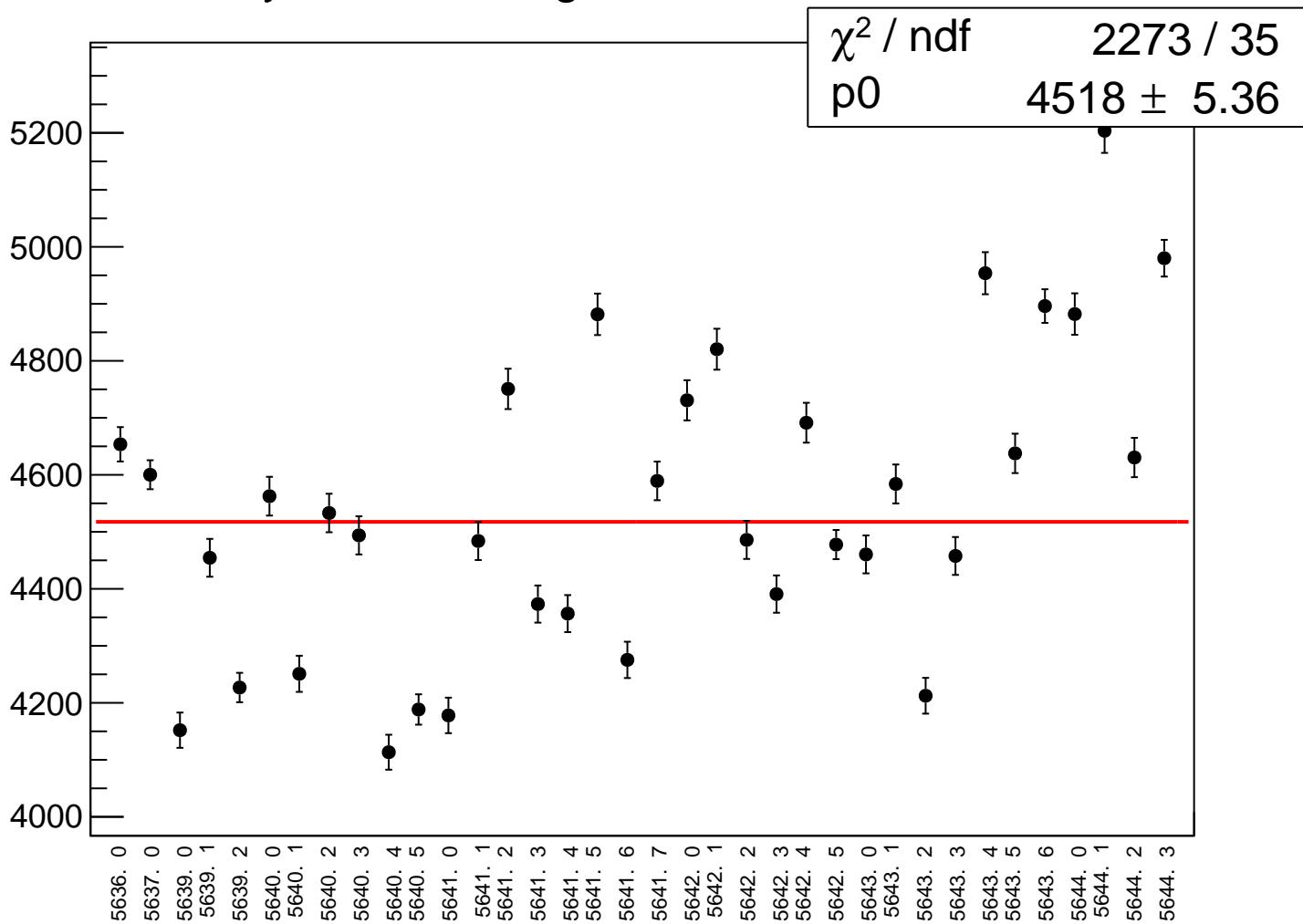


# reg\_asym\_attr1|2\_avg\_rms vs run

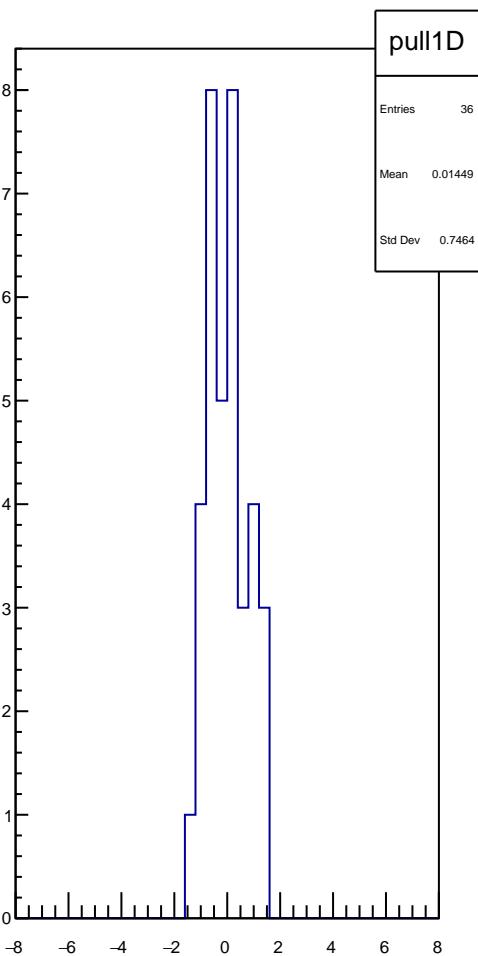
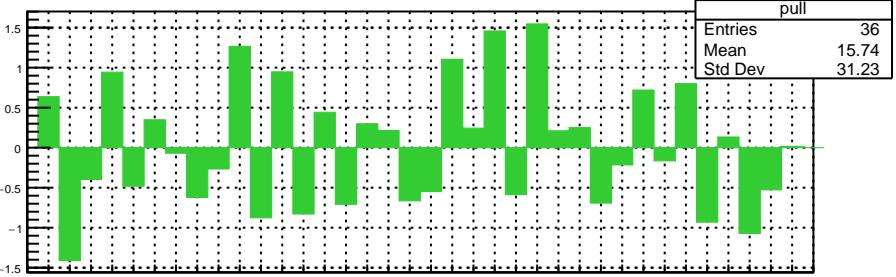
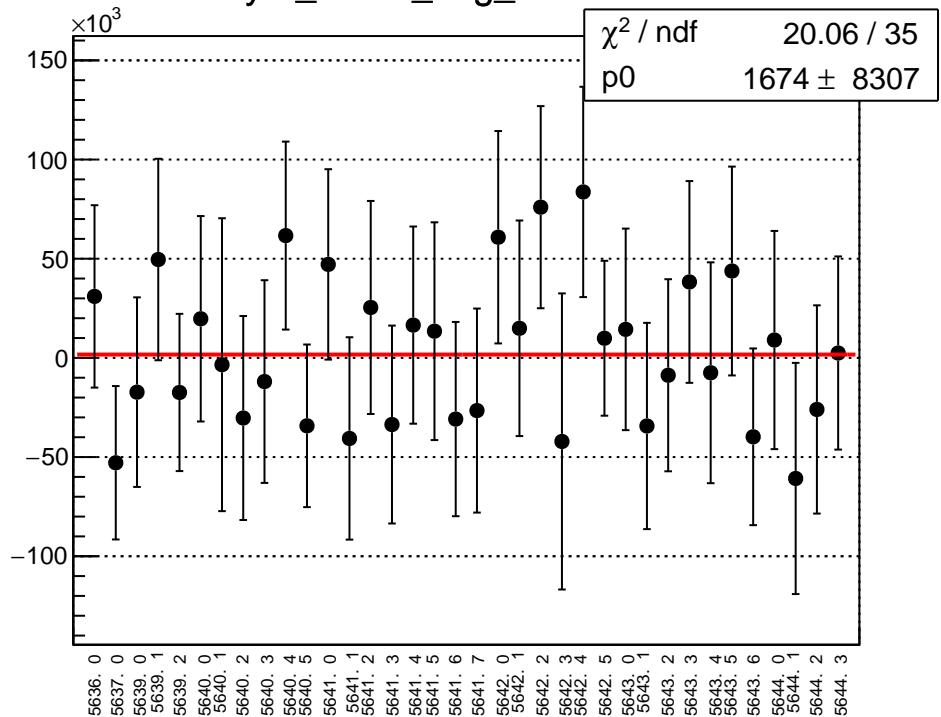




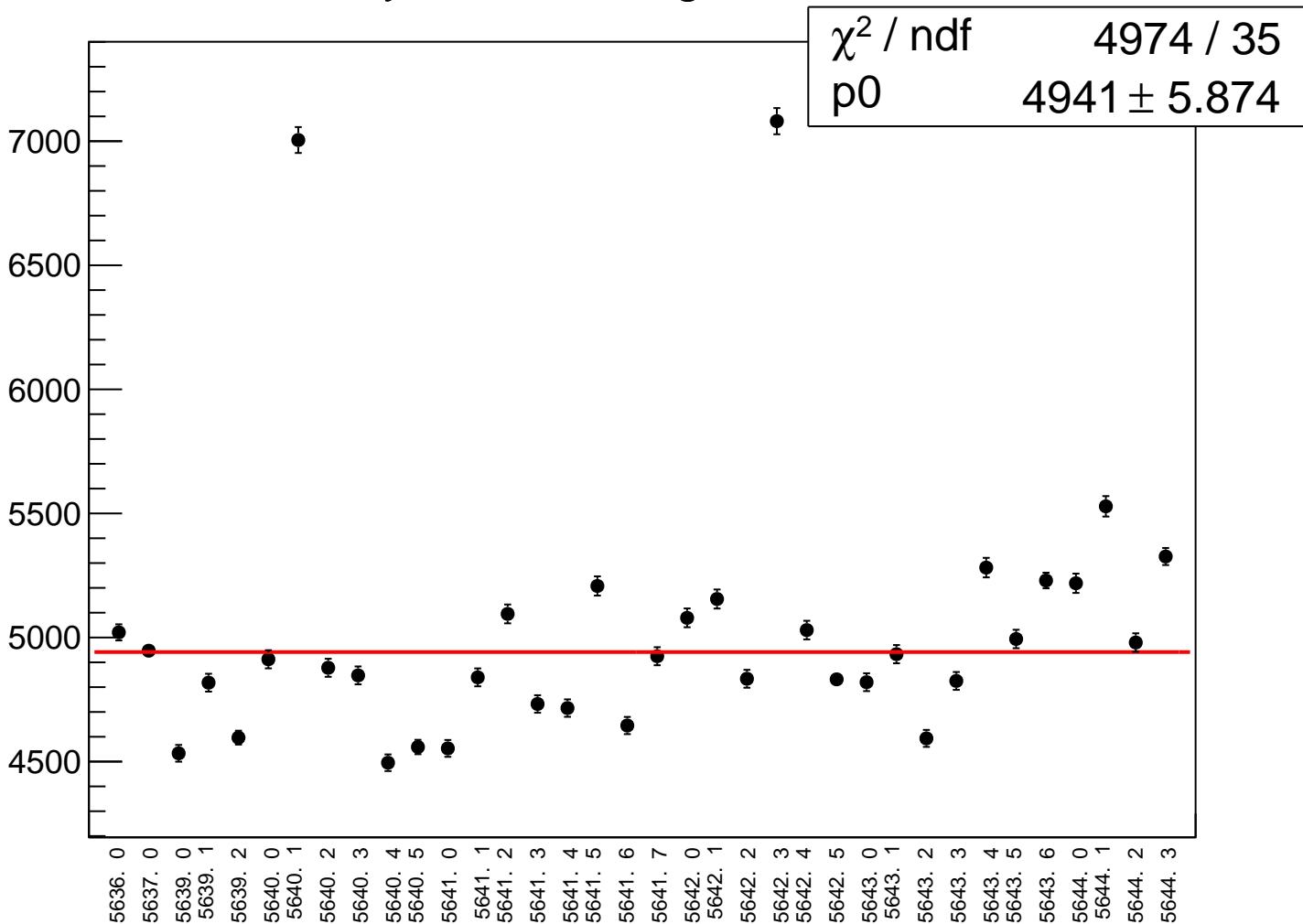
# asym\_atr1l2\_avg\_correction\_rms vs run



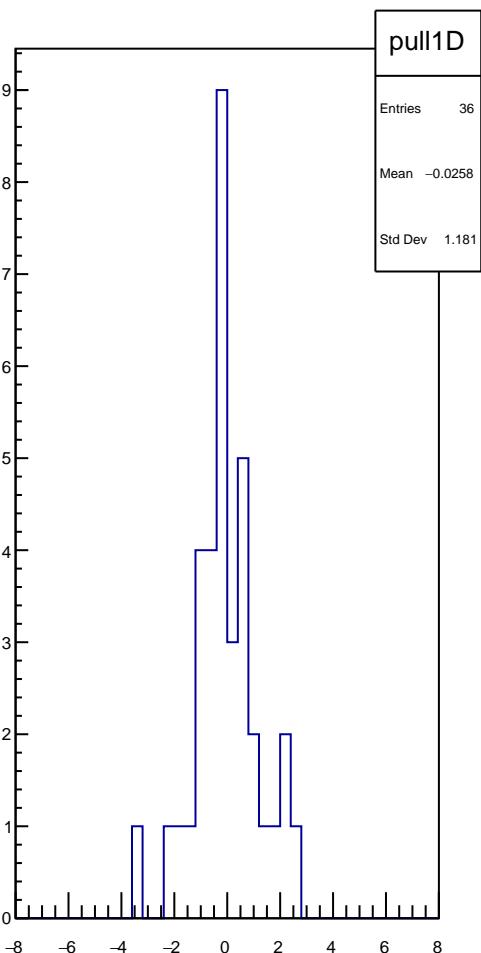
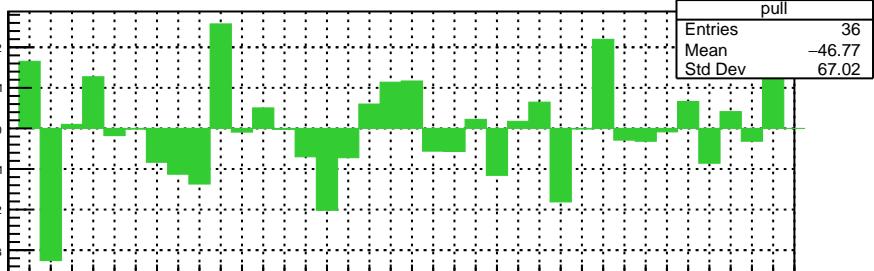
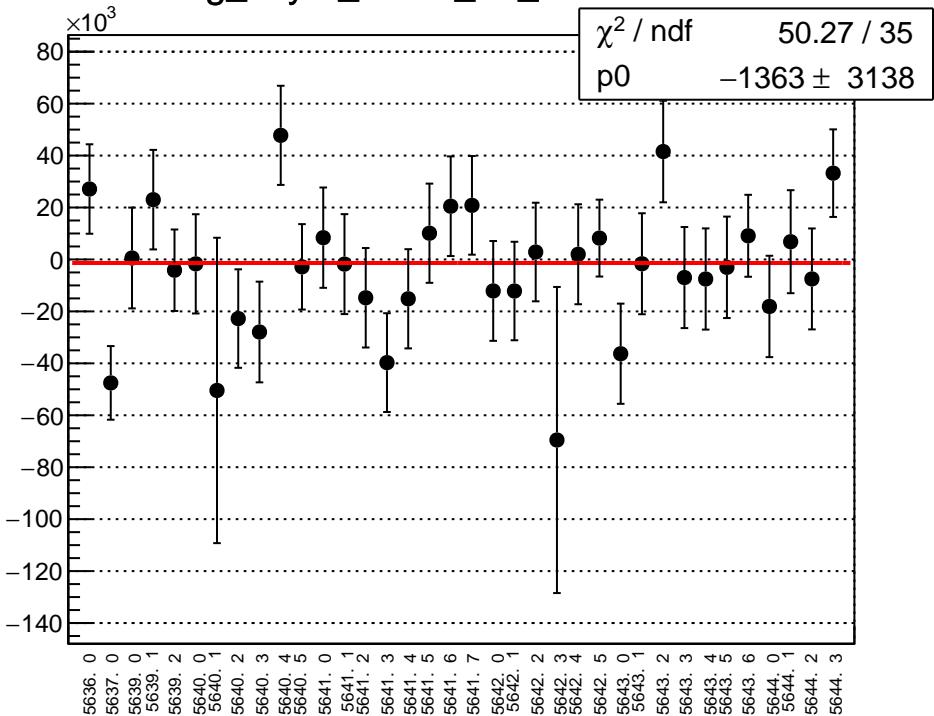
# asym\_atr1l2\_avg\_mean vs run



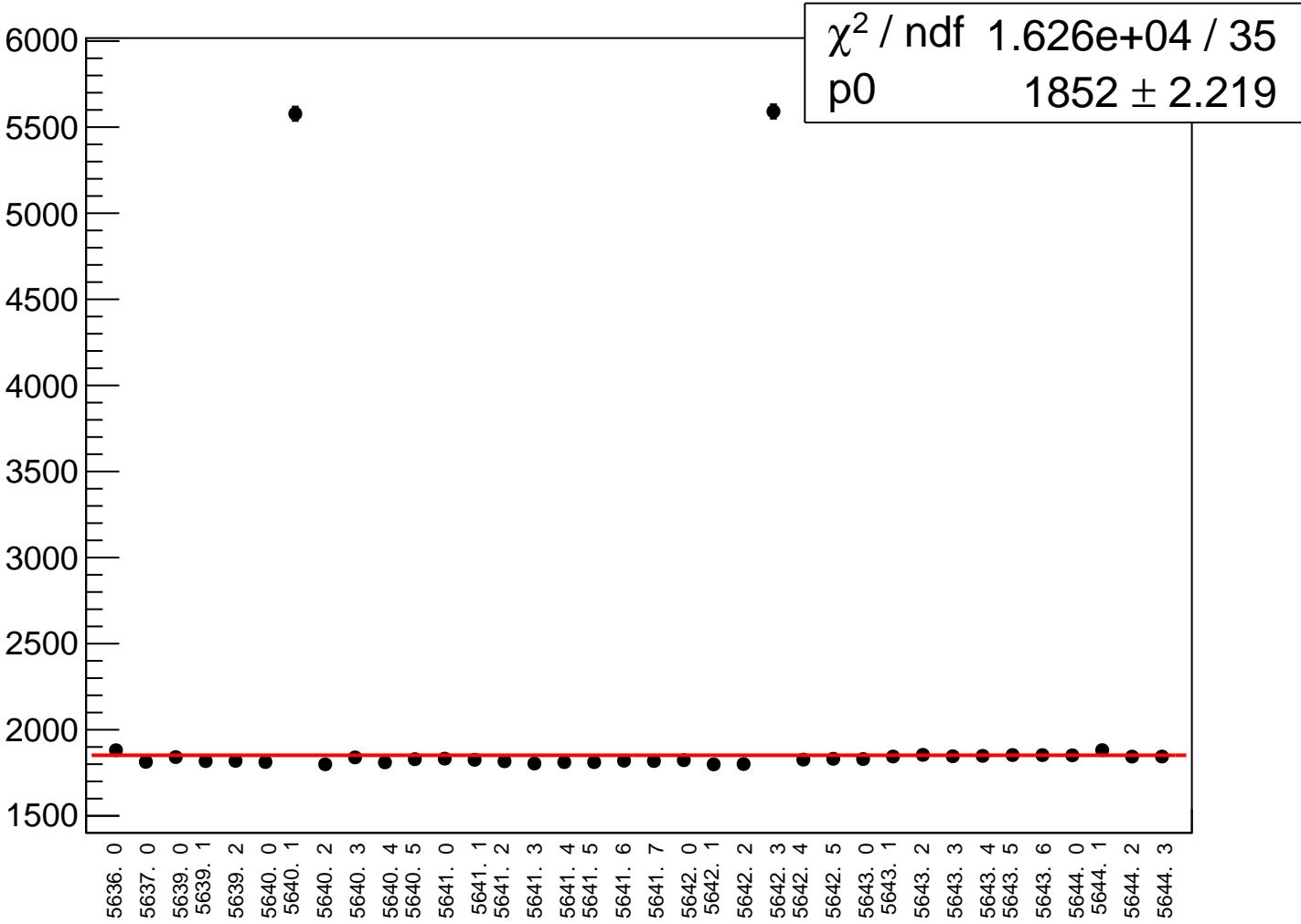
# asym\_atr1l2\_avg\_rms vs run



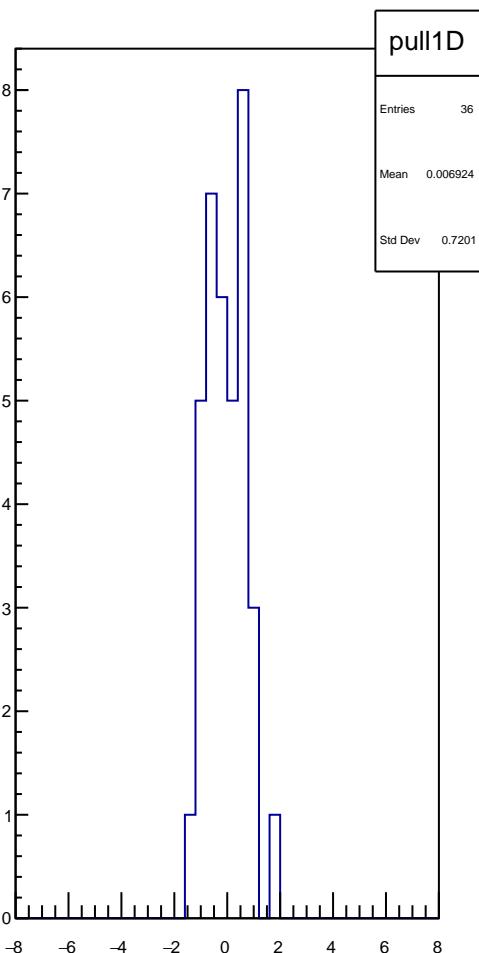
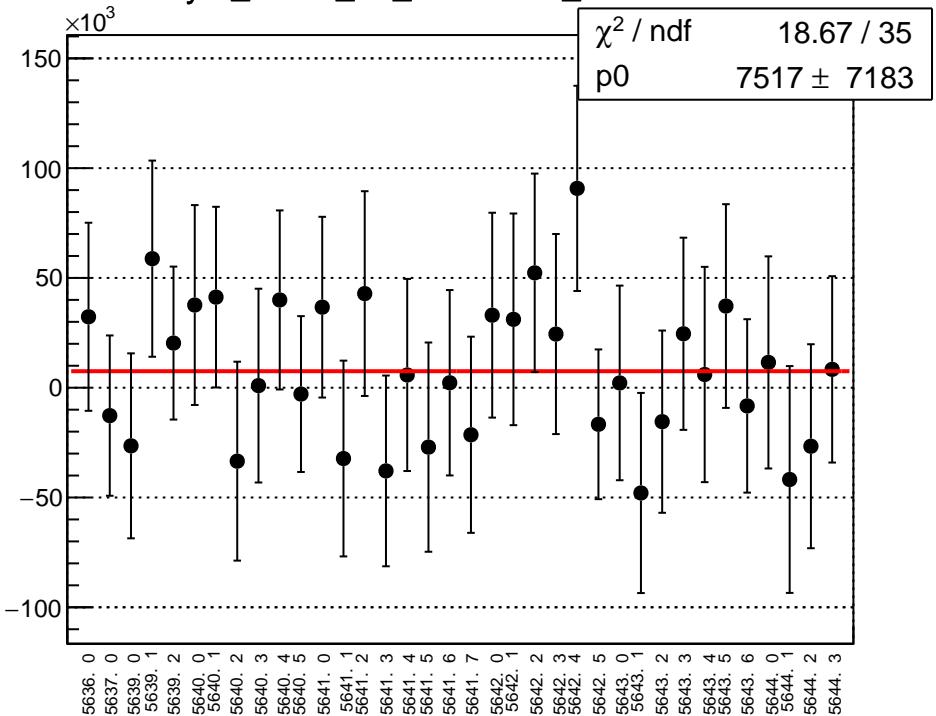
# reg\_asym\_atr1l2\_dd\_mean vs run



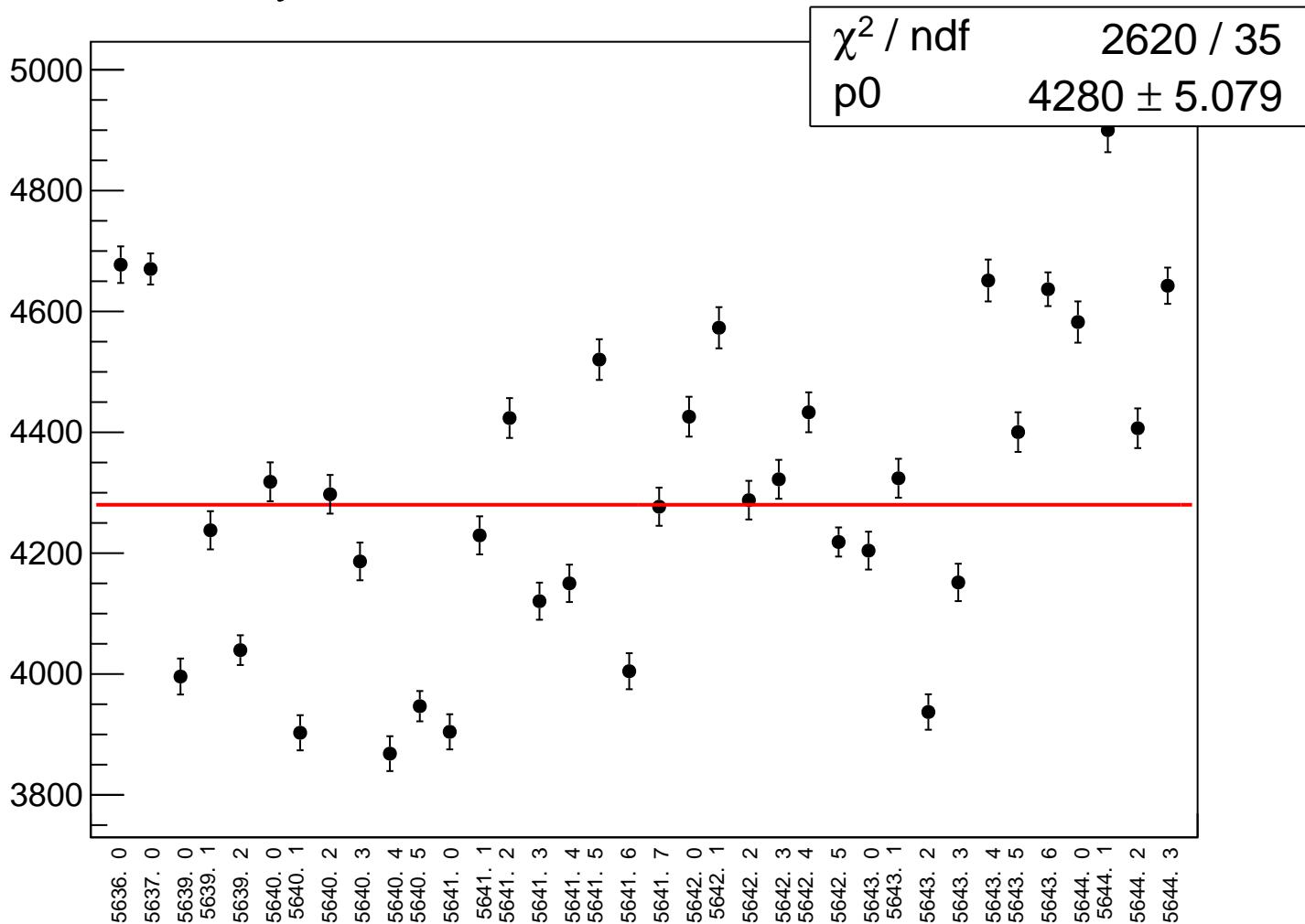
# reg\_asym\_attr1|2\_dd\_rms vs run



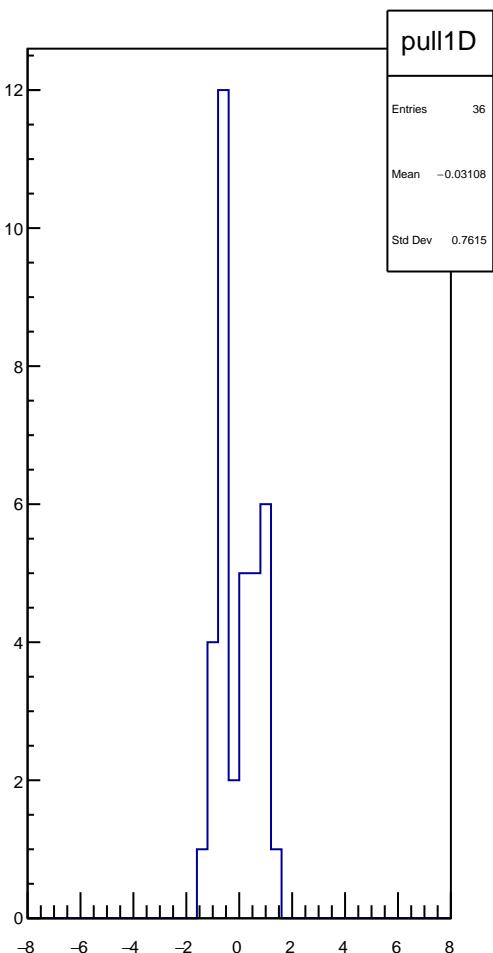
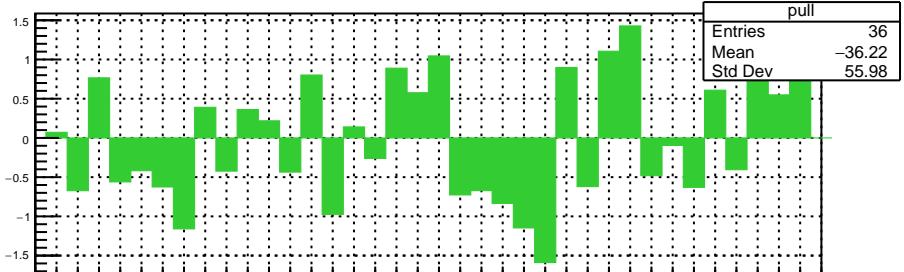
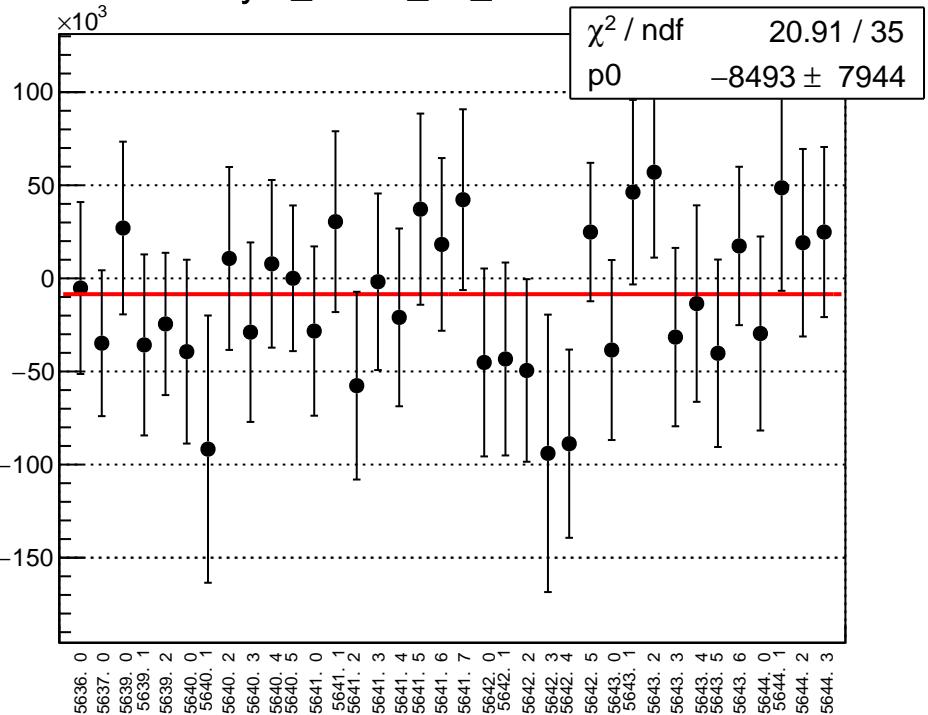
# asym\_atr1l2\_dd\_correction\_mean vs run



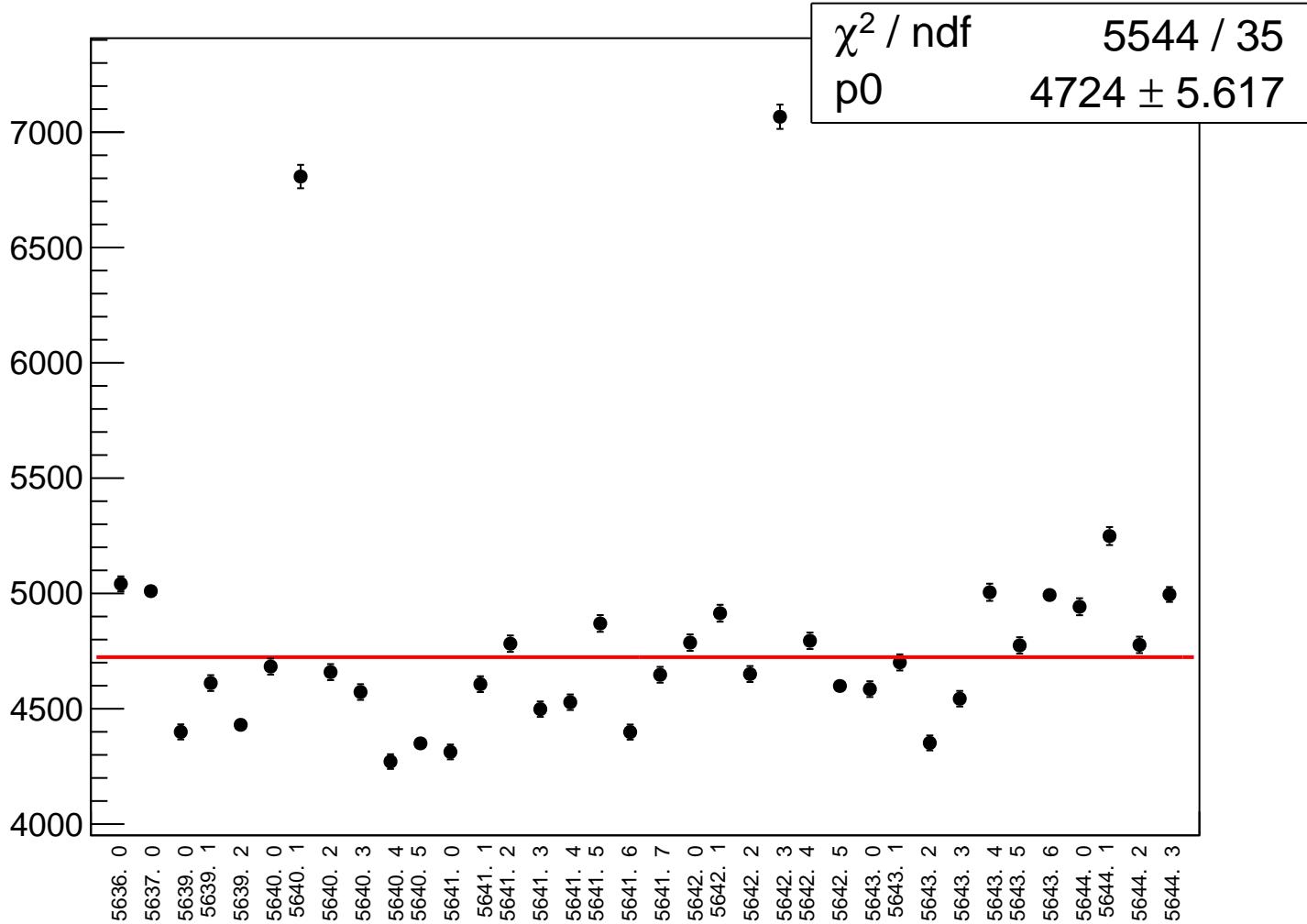
# asym\_atr1l2\_dd\_correction\_rms vs run



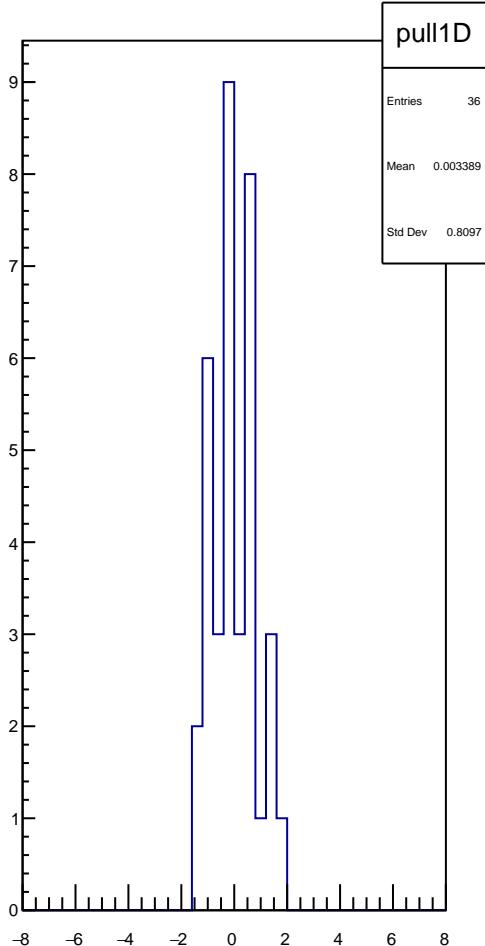
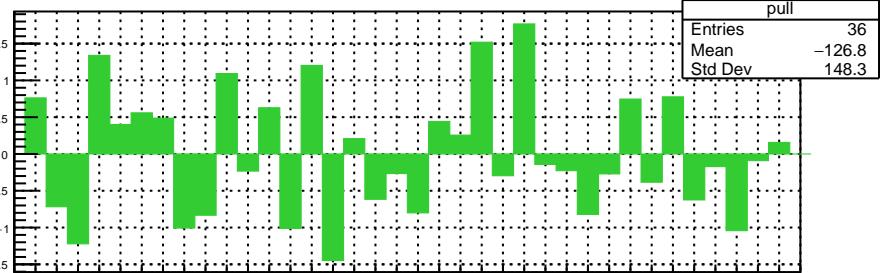
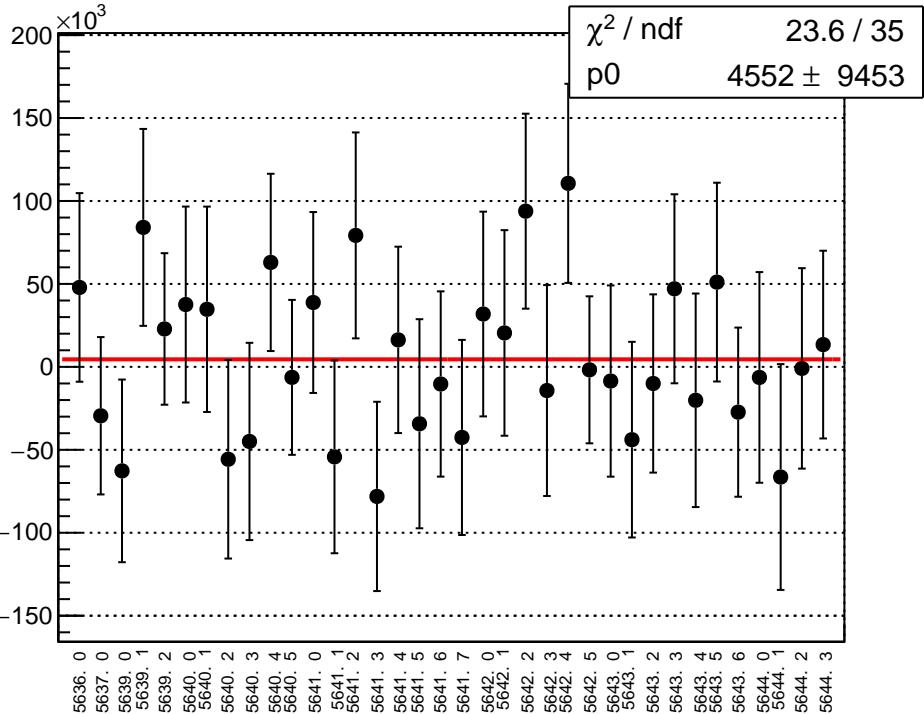
# asym\_atr1l2\_dd\_mean vs run



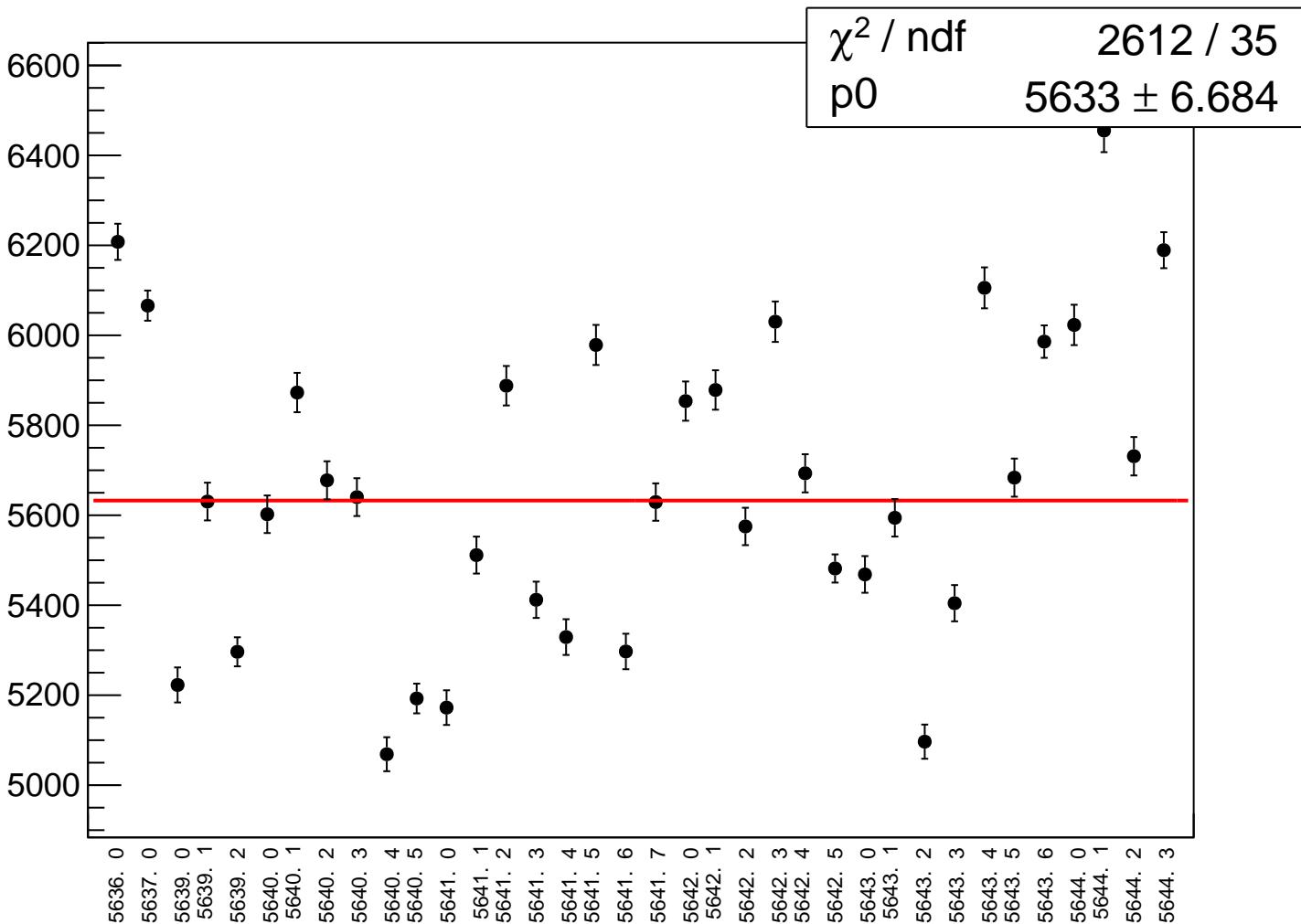
# asym\_atr1l2\_dd\_rms vs run



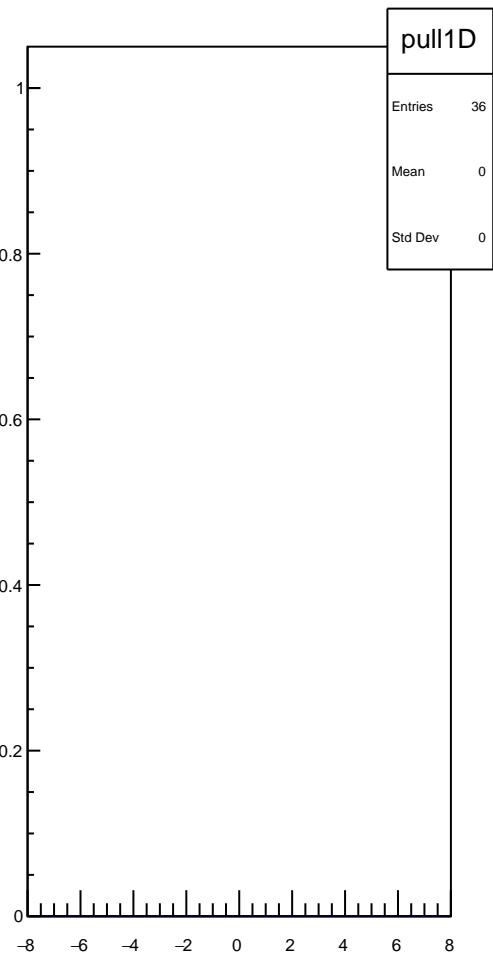
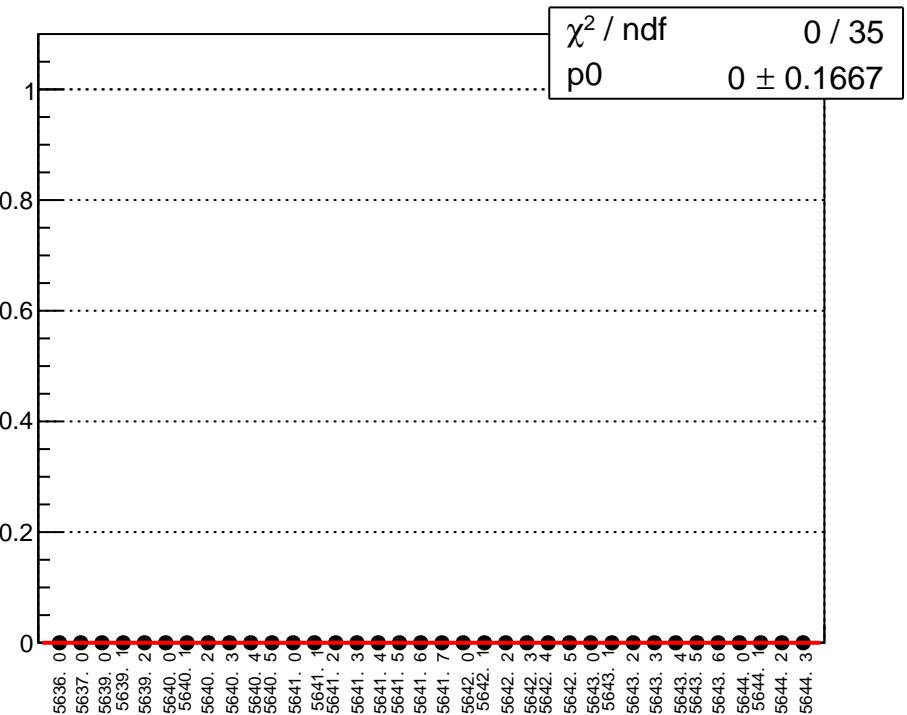
# reg\_asym\_atl\_avg\_atr\_avg\_avg\_mean vs run



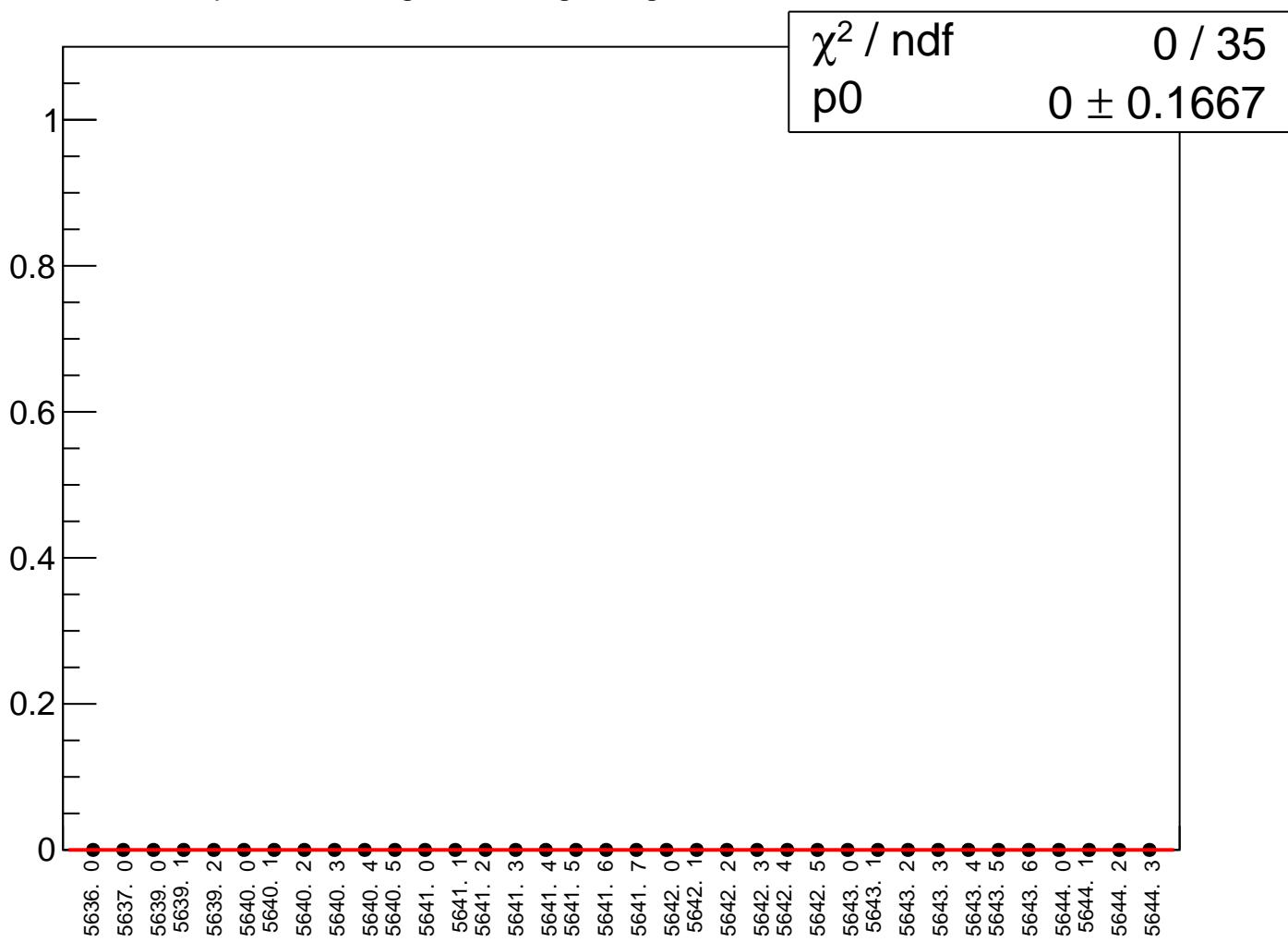
# reg\_asym\_atl\_avg\_atr\_avg\_avg\_rms vs run

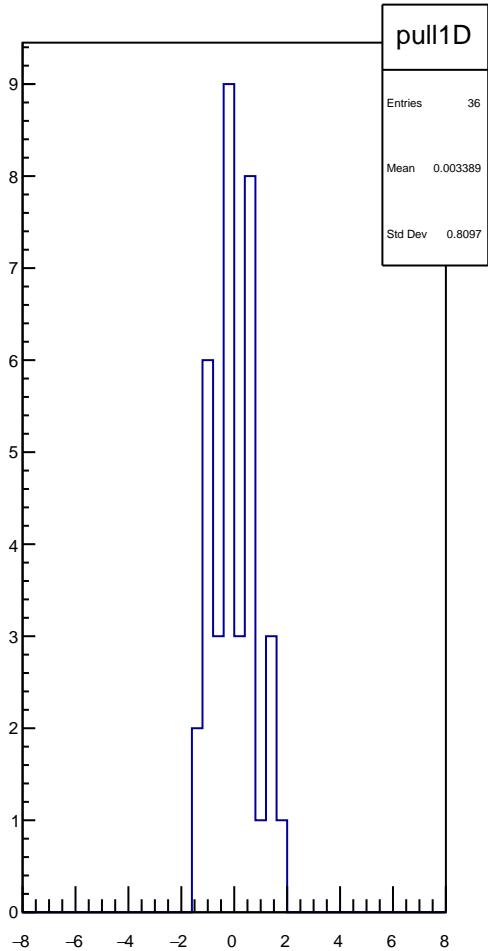
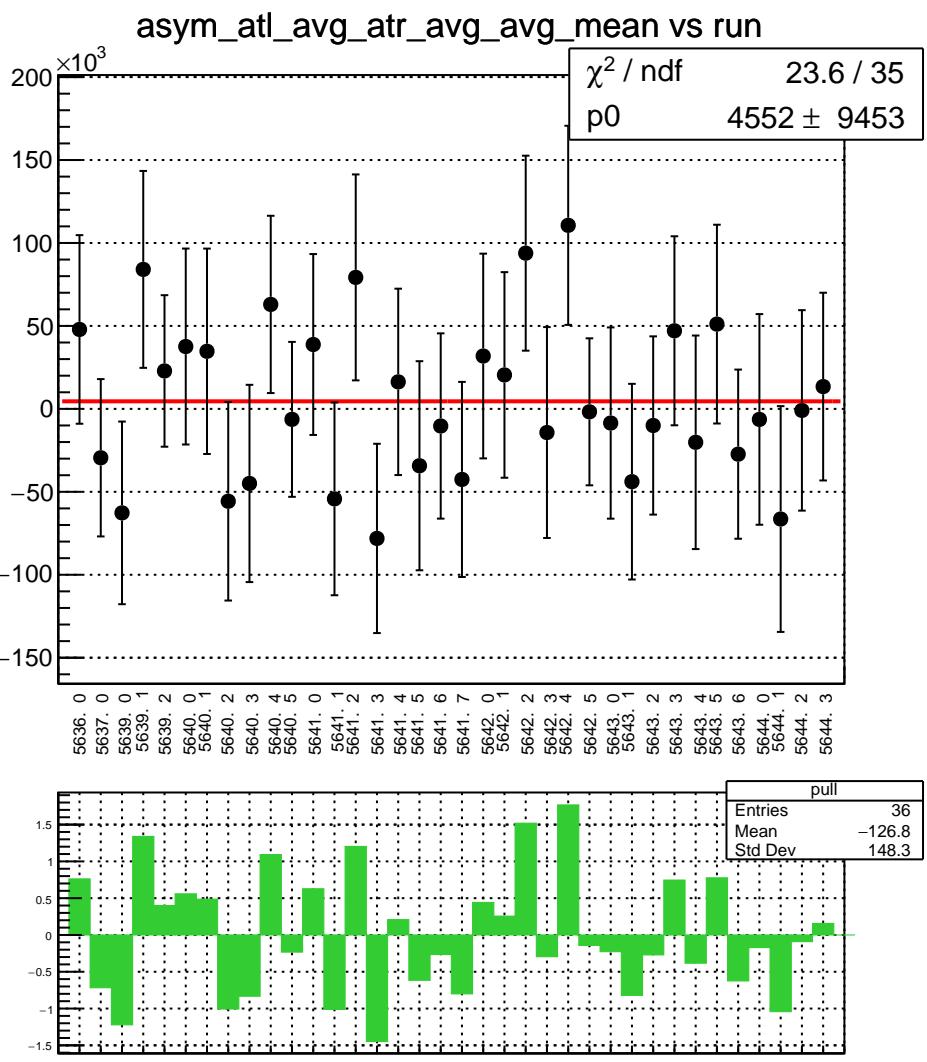


### asym\_atl\_avg\_atr\_avg\_avg\_correction\_mean vs run

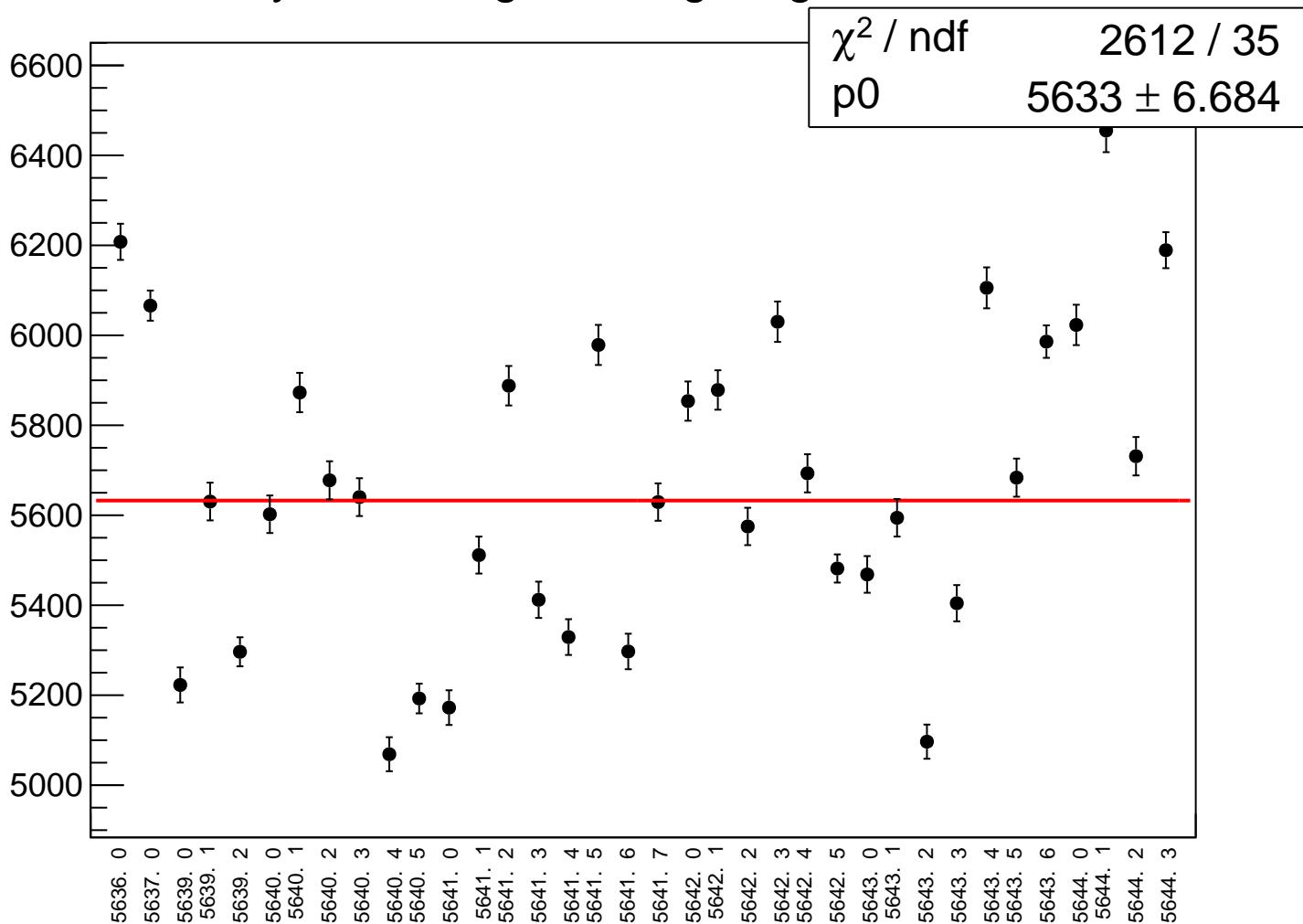


# asym\_atl\_avg\_atr\_avg\_avg\_correction\_rms vs run

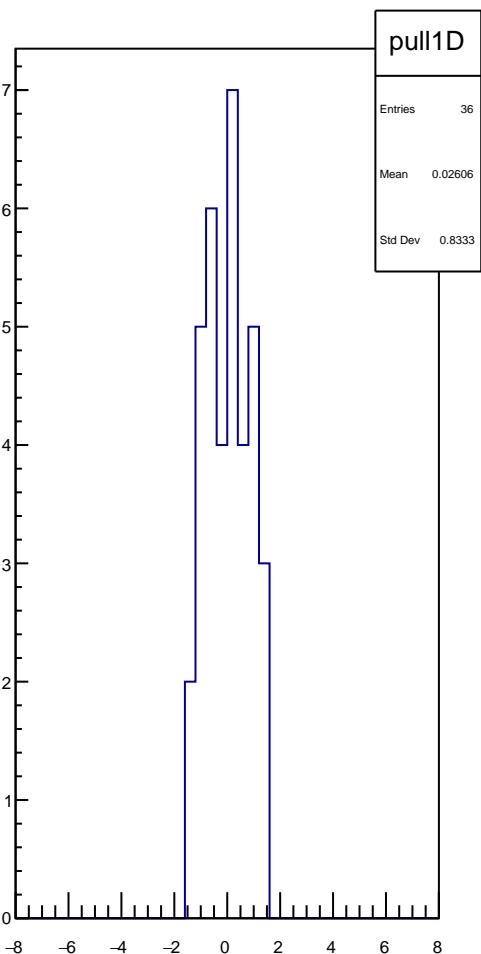
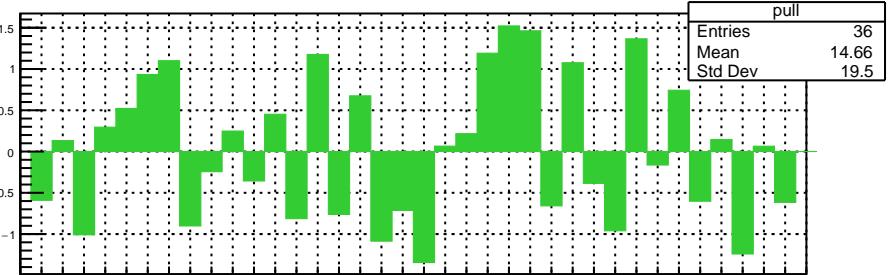
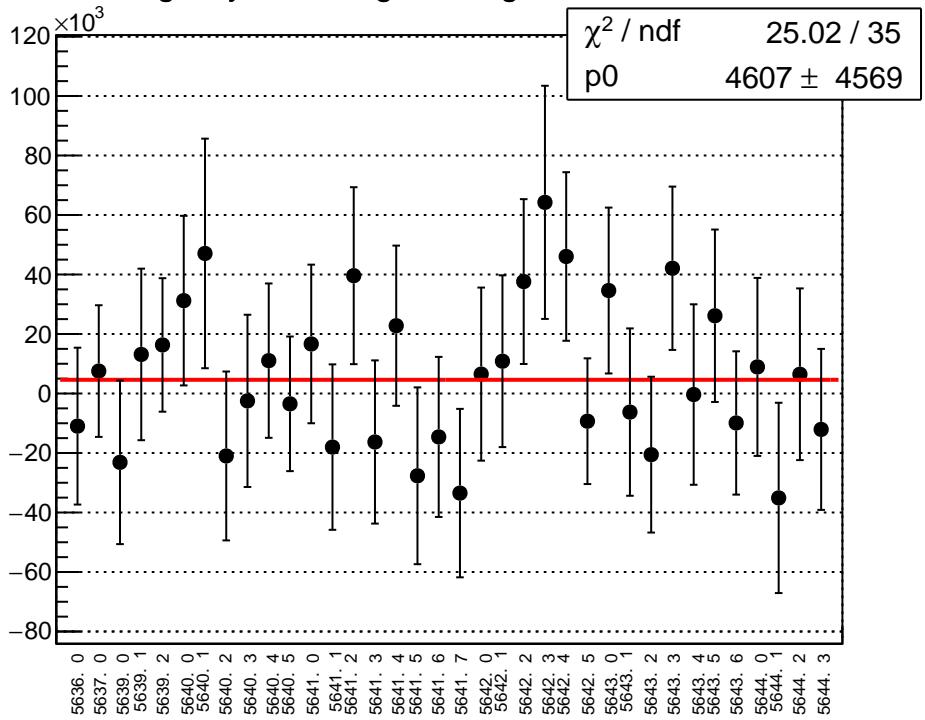




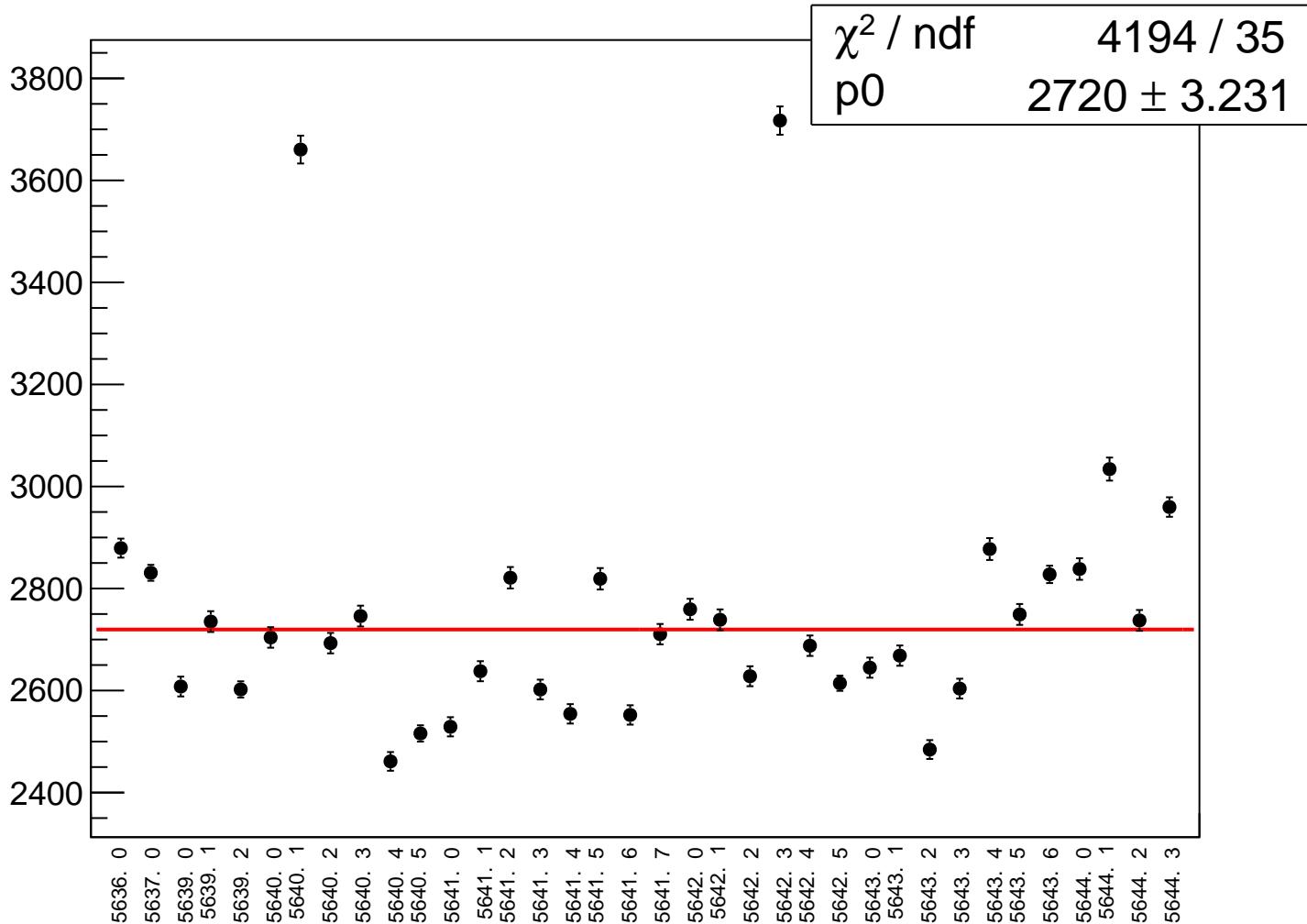
# asym\_atl\_avg\_atr\_avg\_avg\_rms vs run



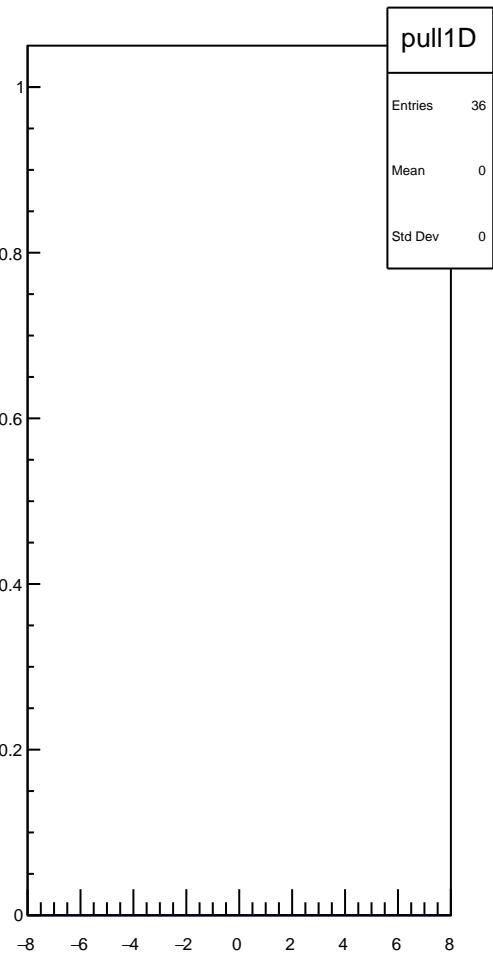
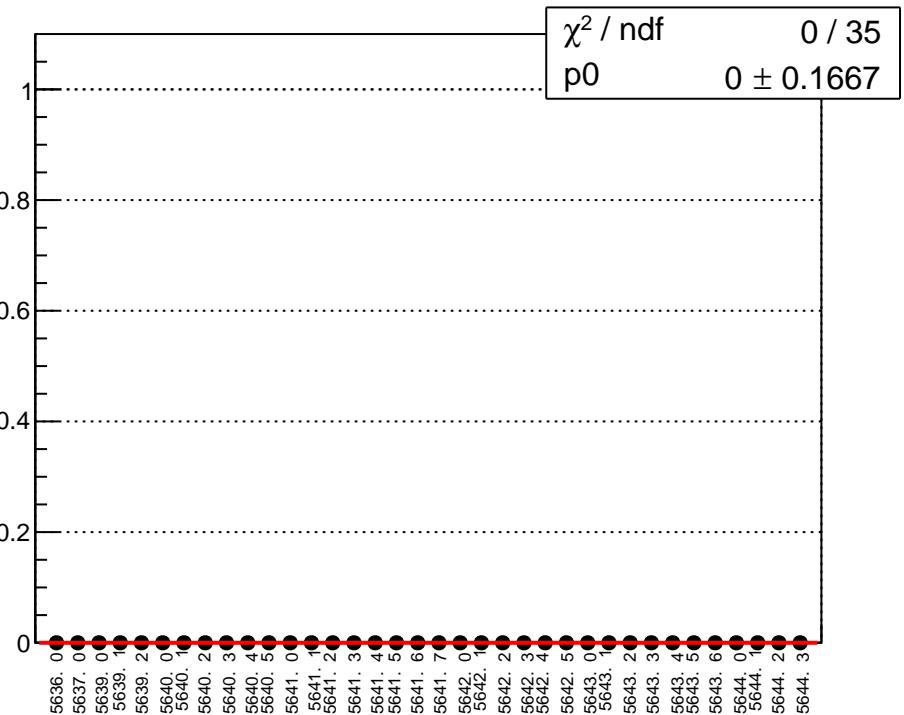
# reg\_asym\_atl\_avg\_atr\_avg\_dd\_mean vs run



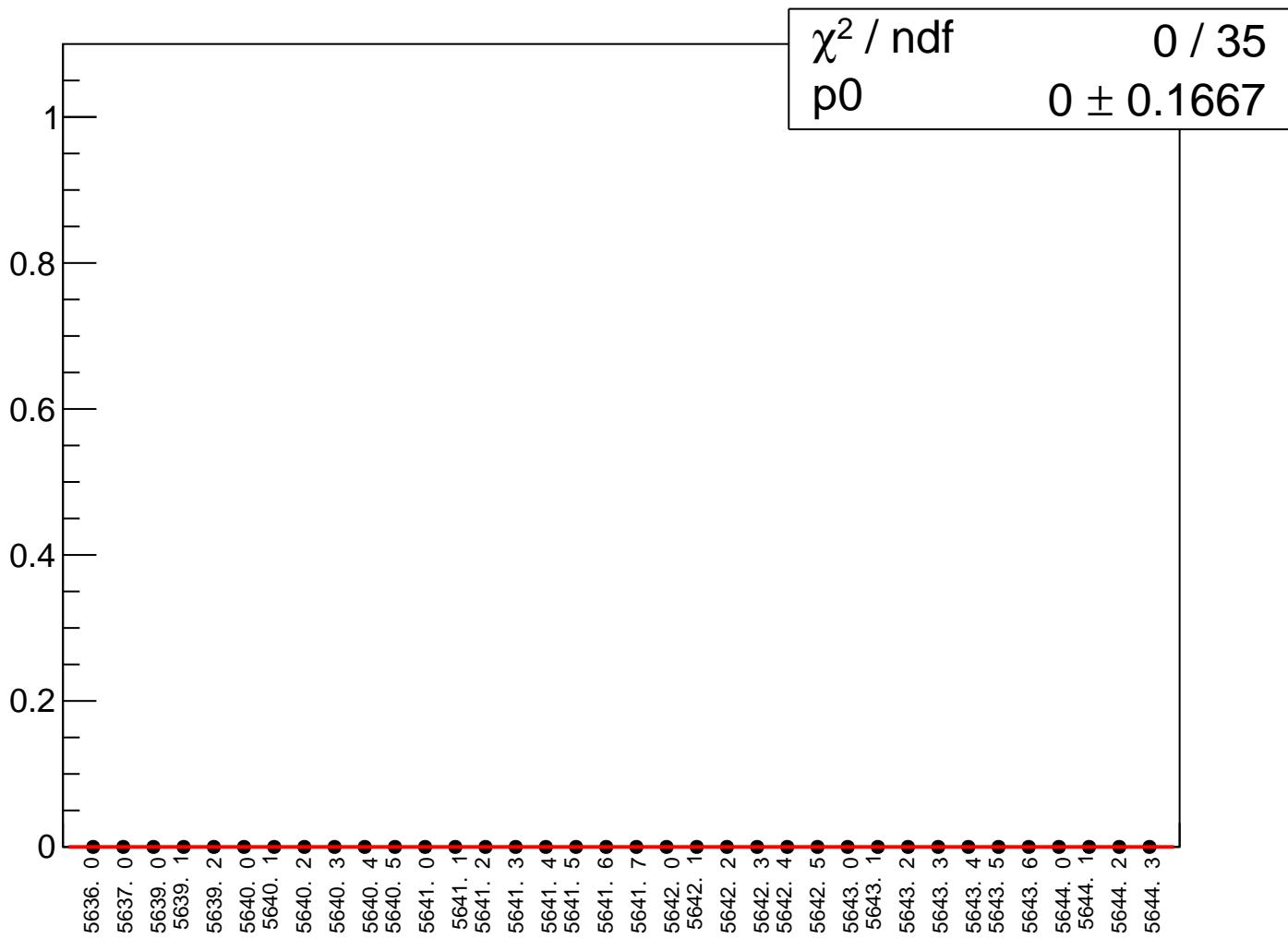
# reg\_asym\_atl\_avg\_atr\_avg\_dd\_rms vs run



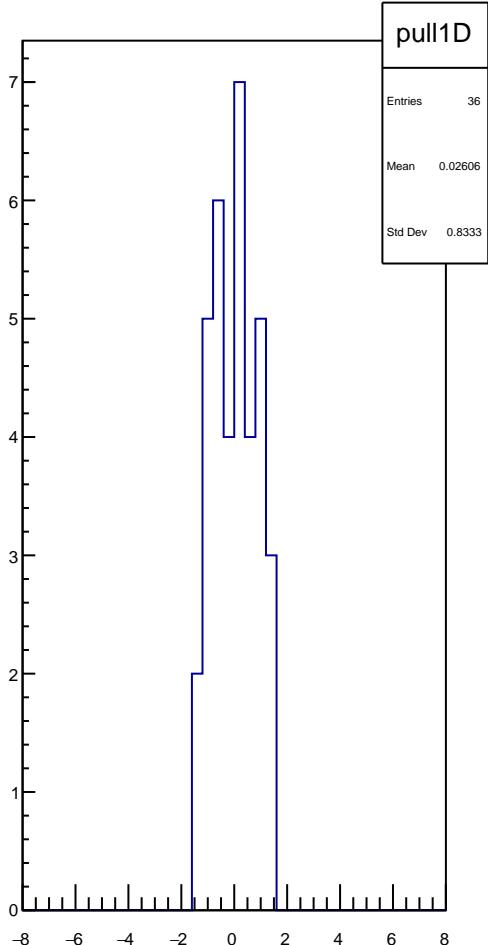
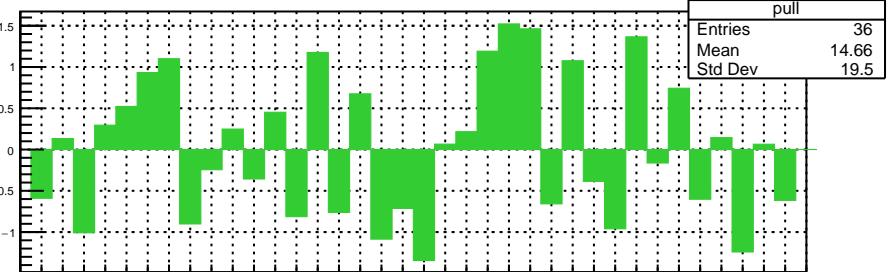
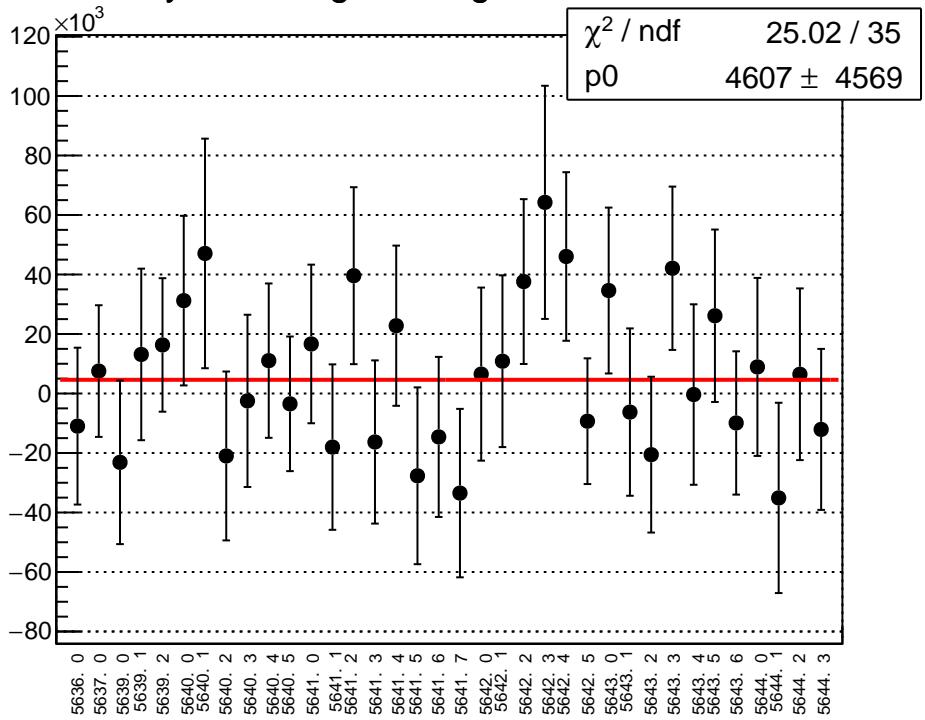
# asym\_atl\_avg\_atr\_avg\_dd\_correction\_mean vs run



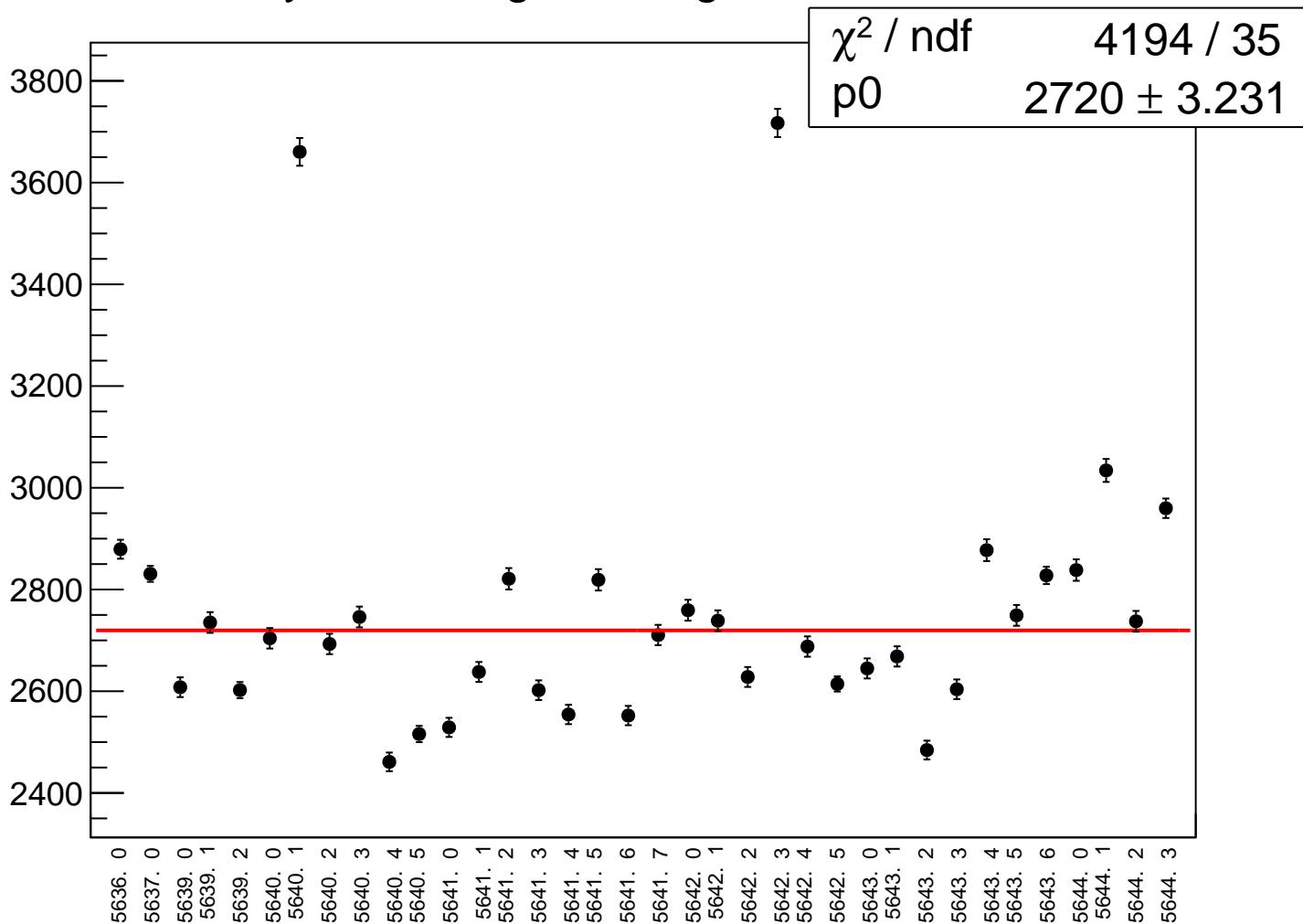
# asym\_atl\_avg\_atr\_avg\_dd\_correction\_rms vs run



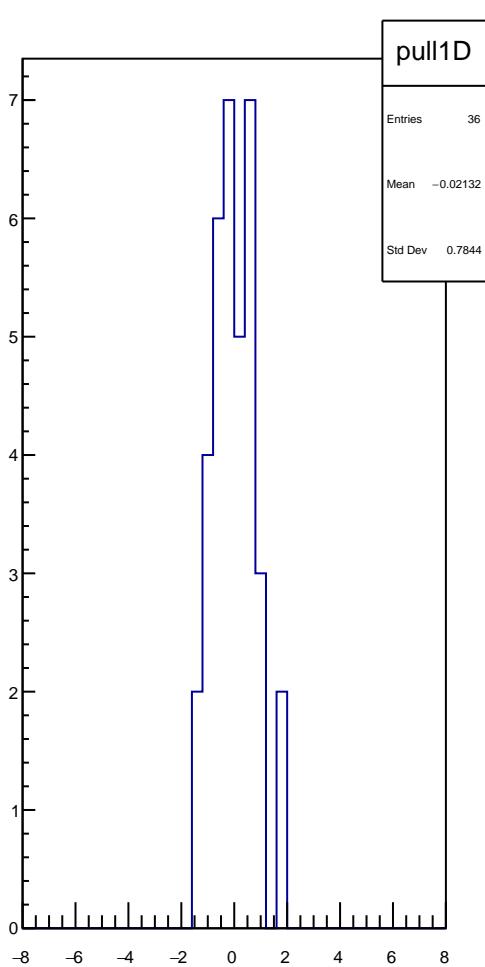
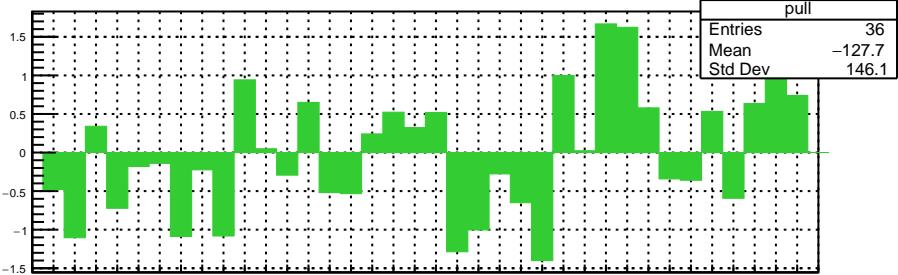
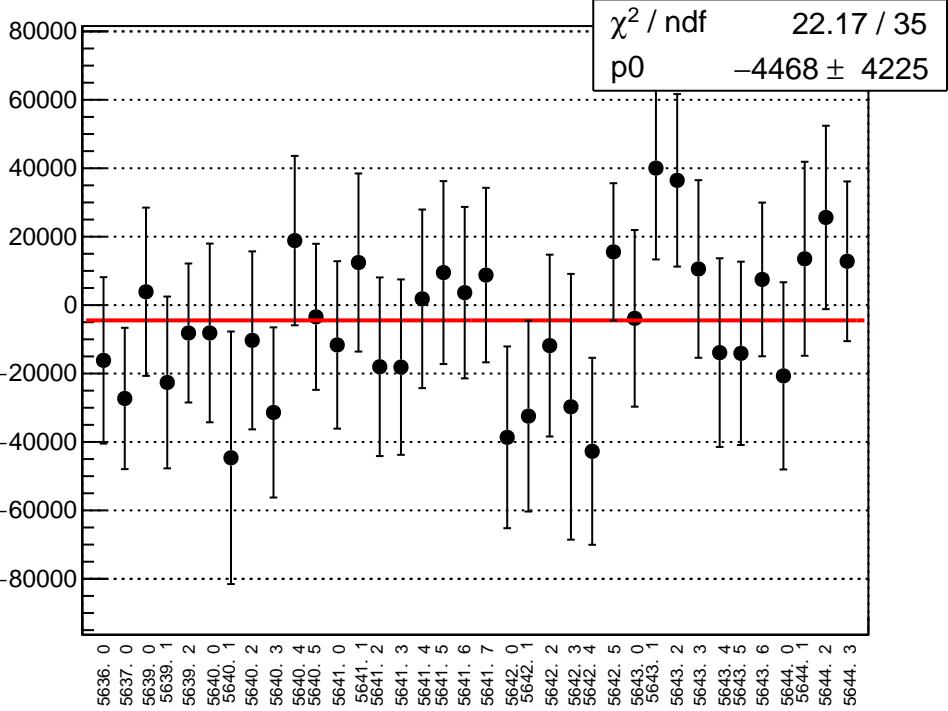
# asym\_atl\_avg\_atr\_avg\_dd\_mean vs run



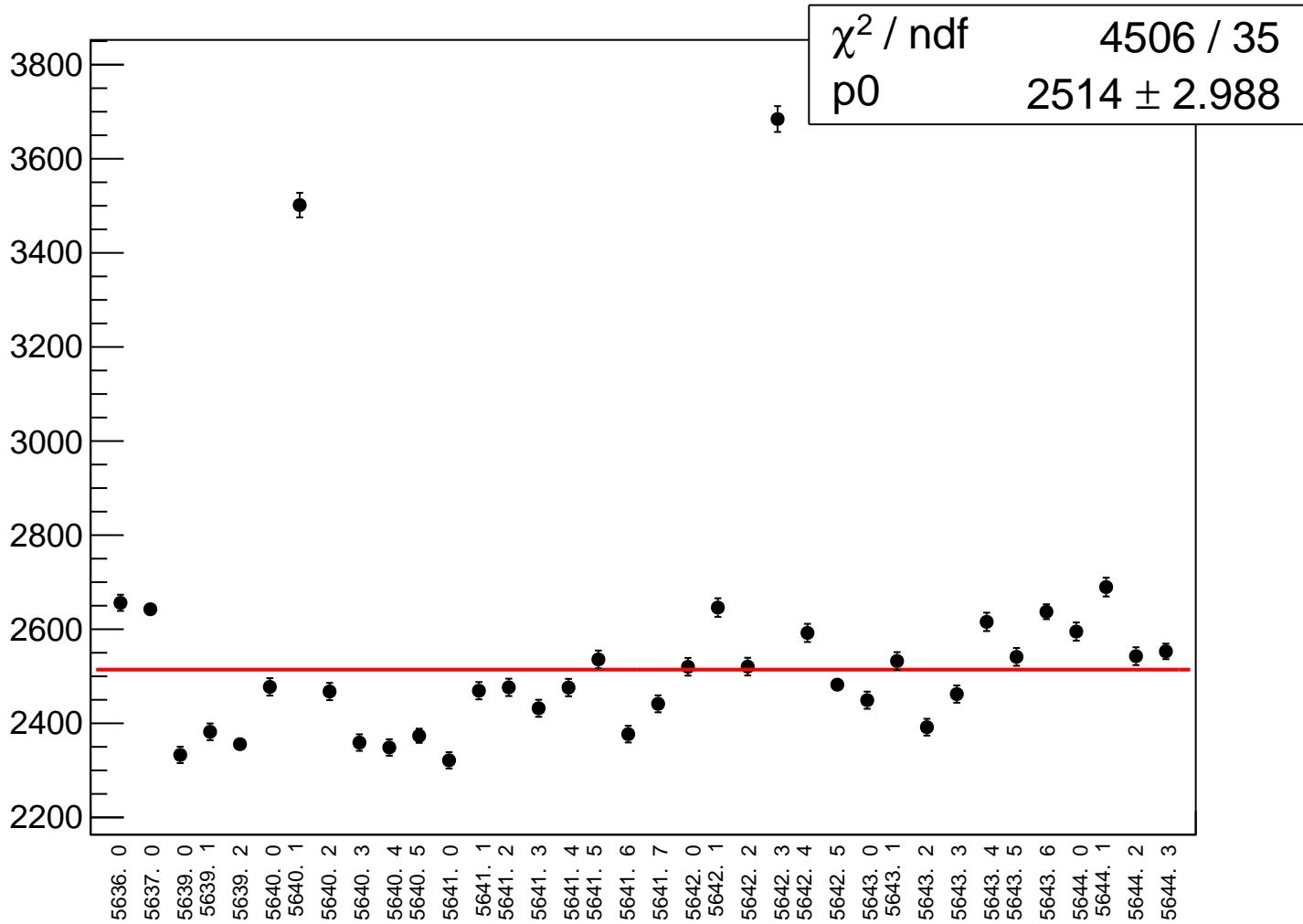
# asym\_atl\_avg\_atr\_avg\_dd\_rms vs run



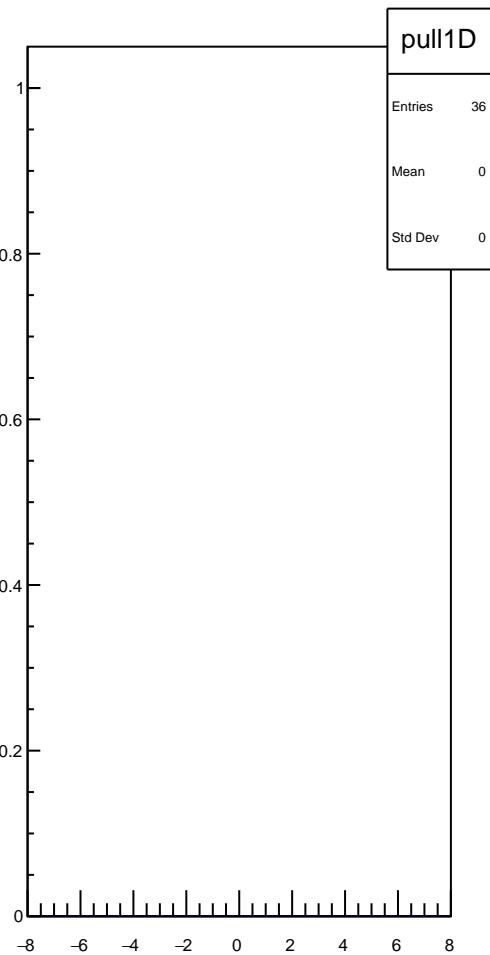
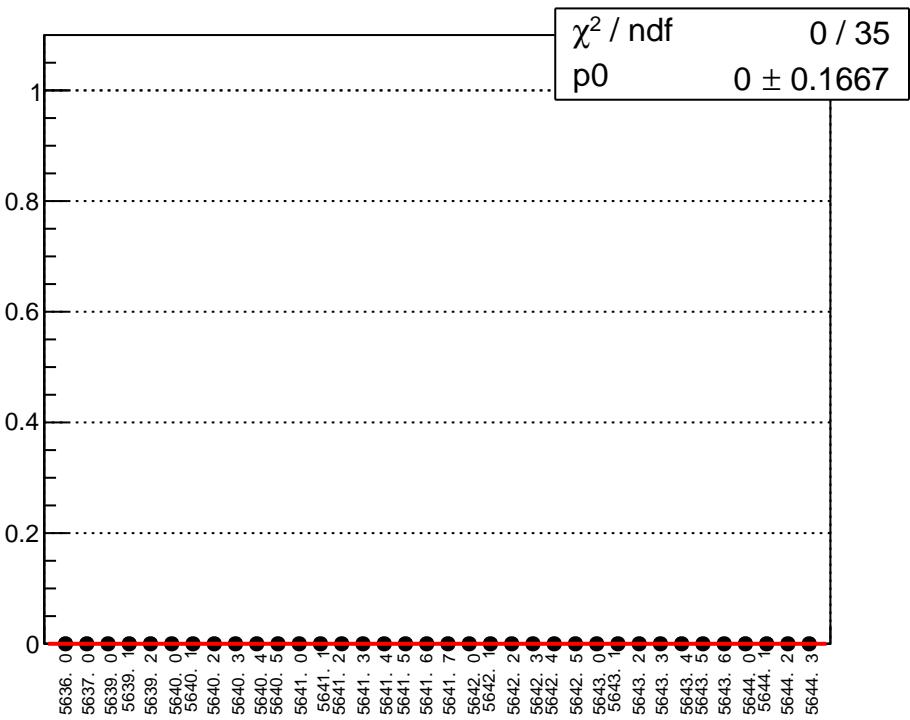
# reg\_asym\_atl\_dd\_atr\_dd\_avg\_mean vs run



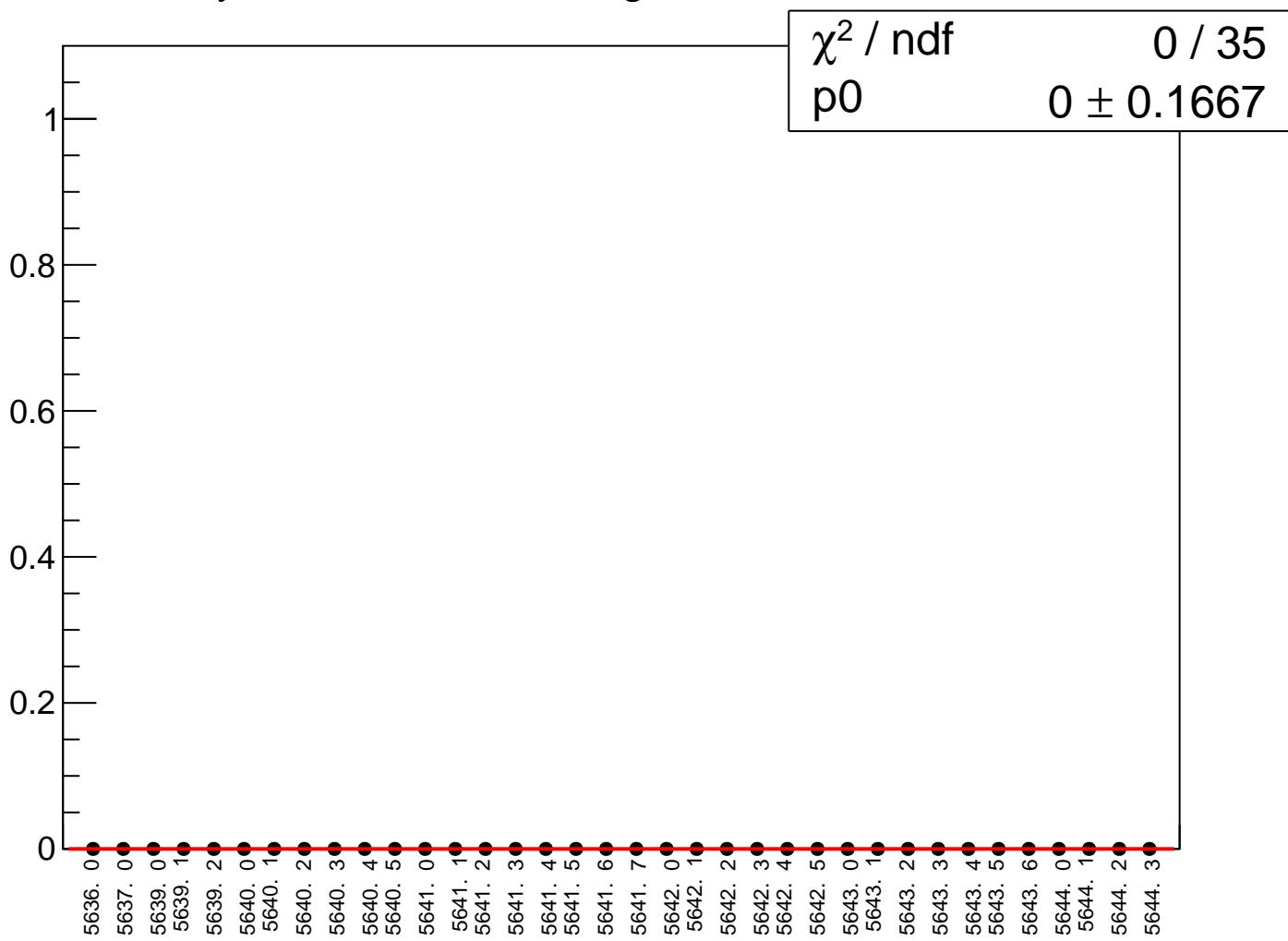
# reg\_asym\_atl\_dd\_atr\_dd\_avg\_rms vs run



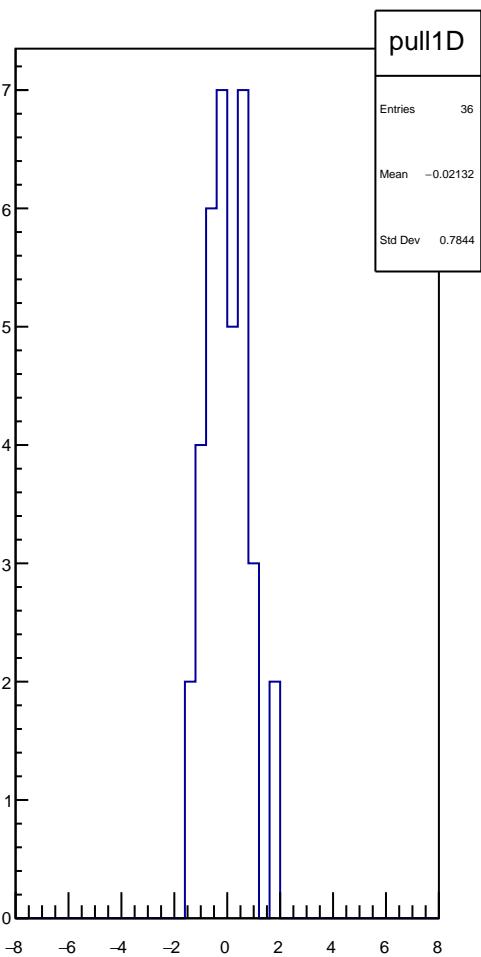
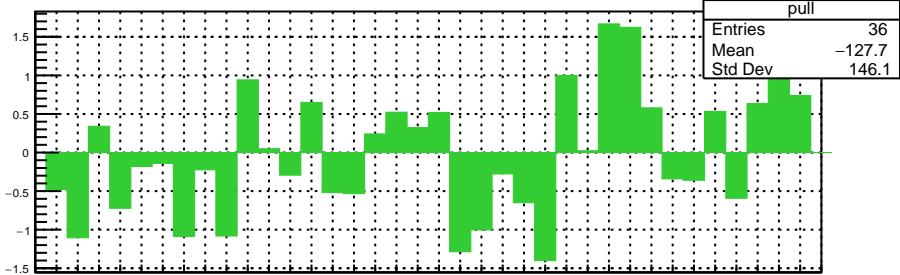
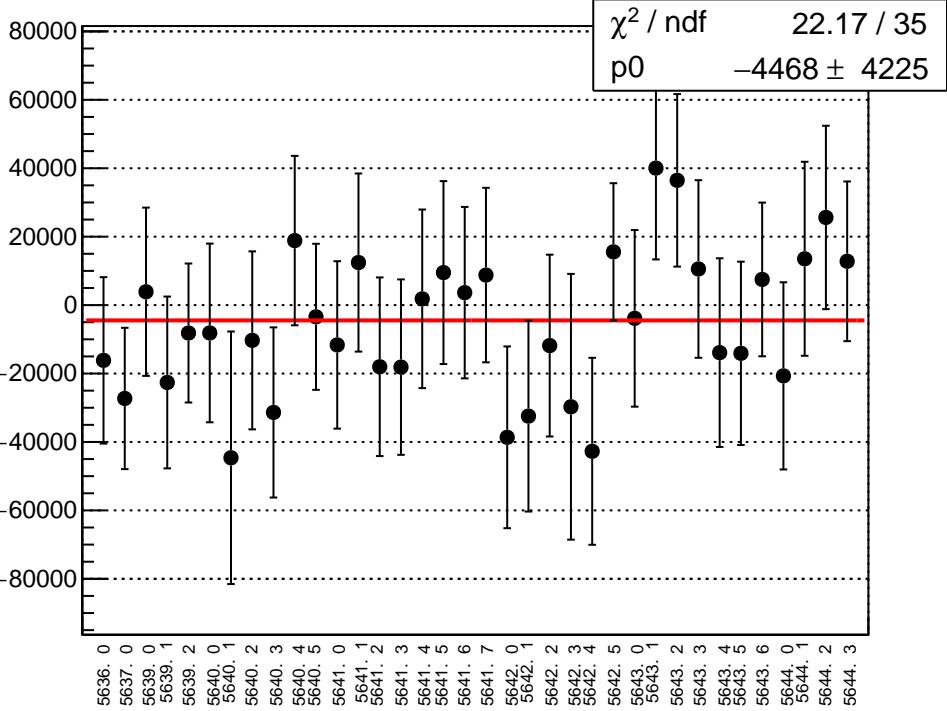
### asym\_atl\_dd\_atr\_dd\_avg\_correction\_mean vs run



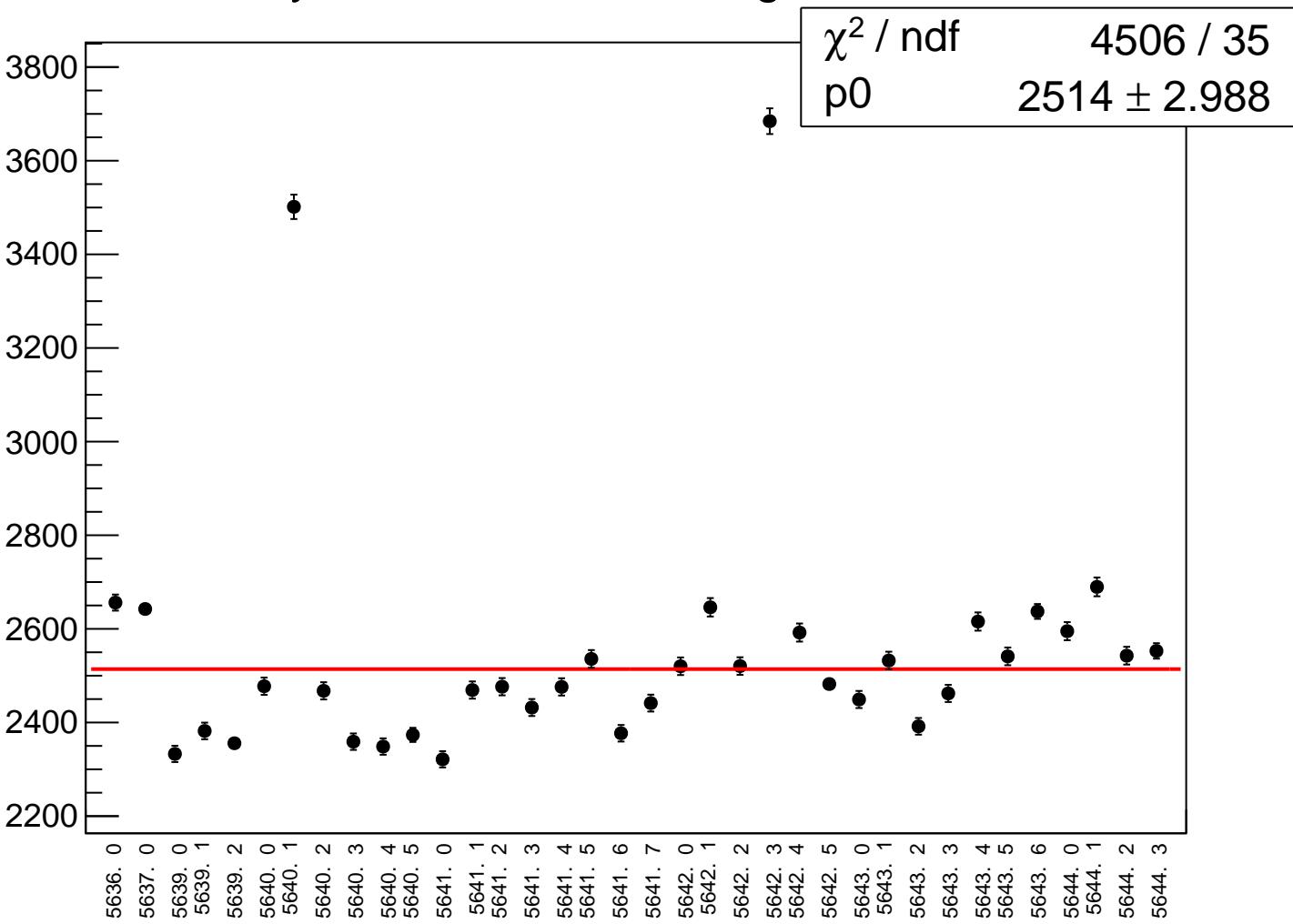
# asym\_atl\_dd\_atr\_dd\_avg\_correction\_rms vs run



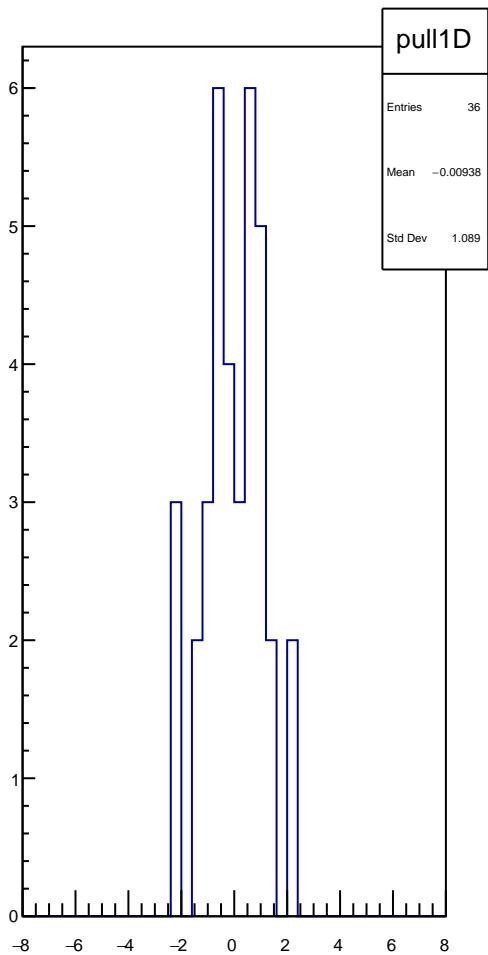
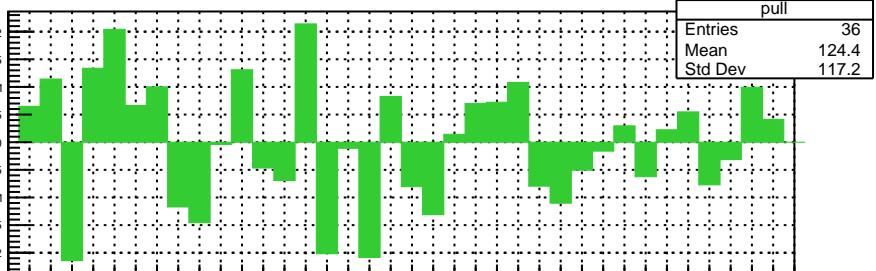
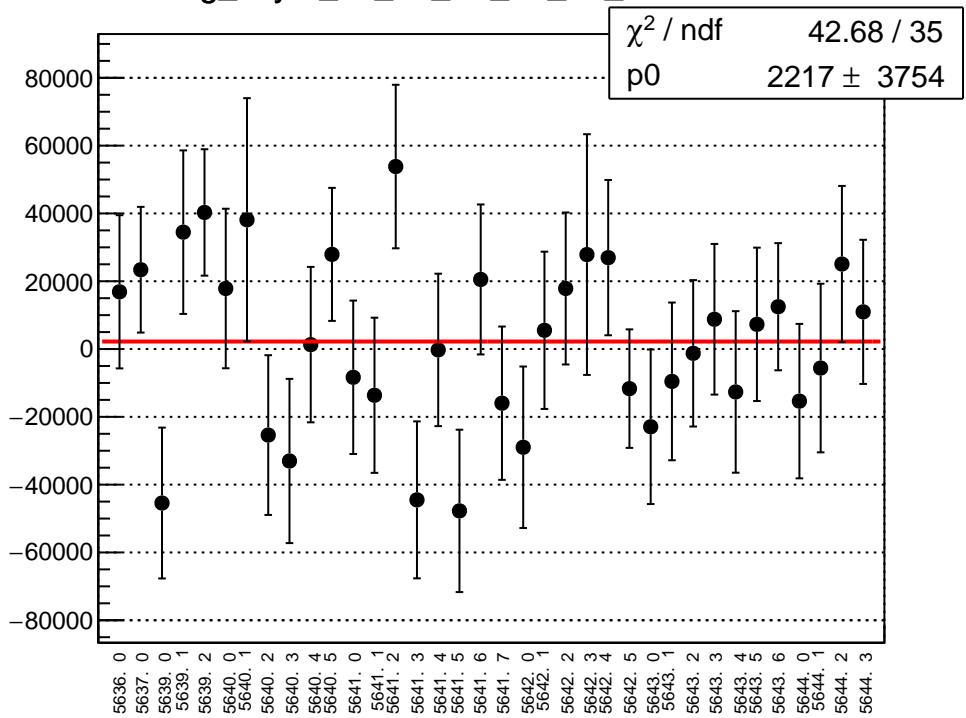
# asym\_atl\_dd\_atr\_dd\_avg\_mean vs run



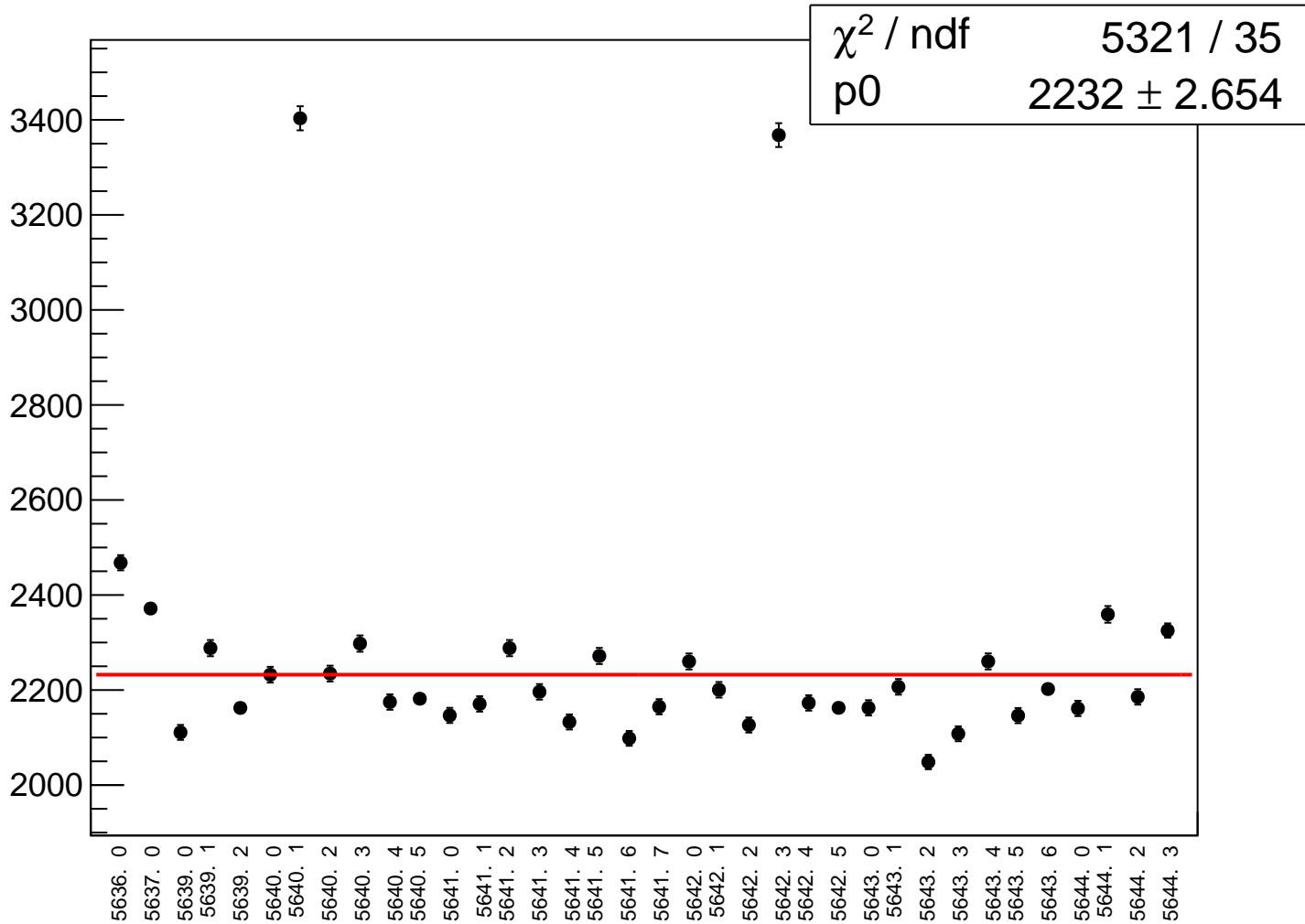
# asym\_atl\_dd\_atr\_dd\_avg\_rms vs run



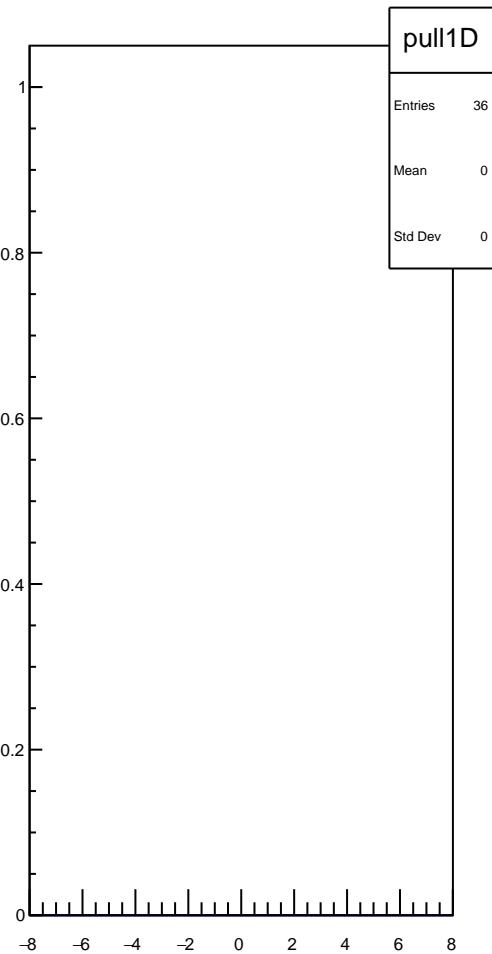
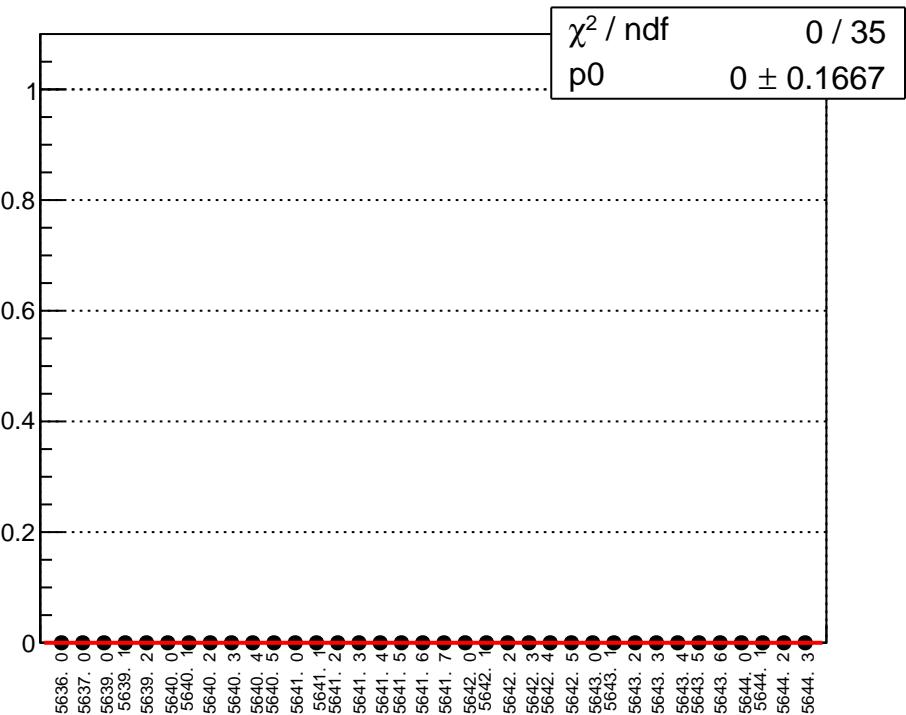
# reg\_asym\_atl\_dd\_atr\_dd\_dd\_mean vs run



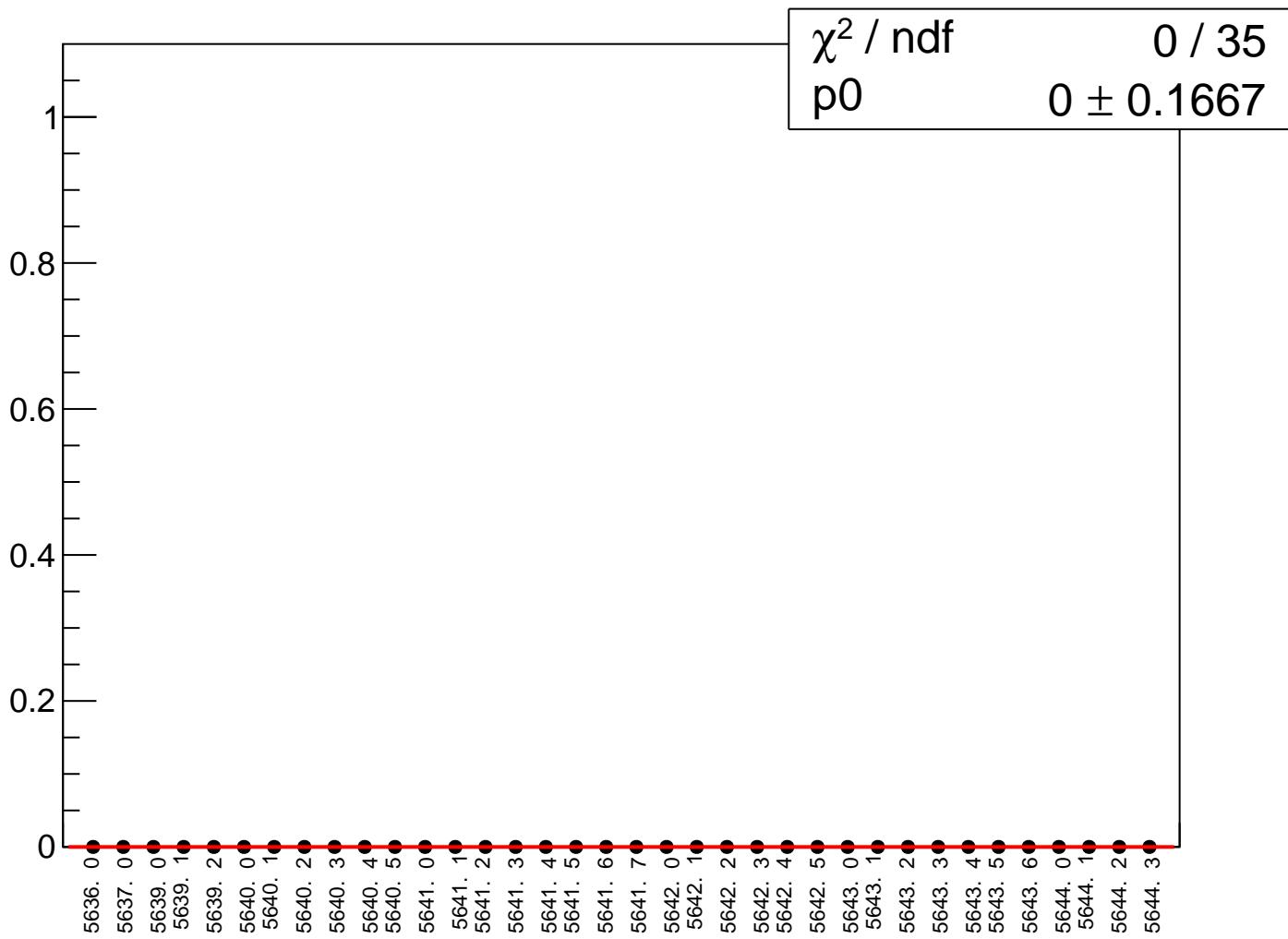
# reg\_asym\_atl\_dd\_atr\_dd\_dd\_rms vs run



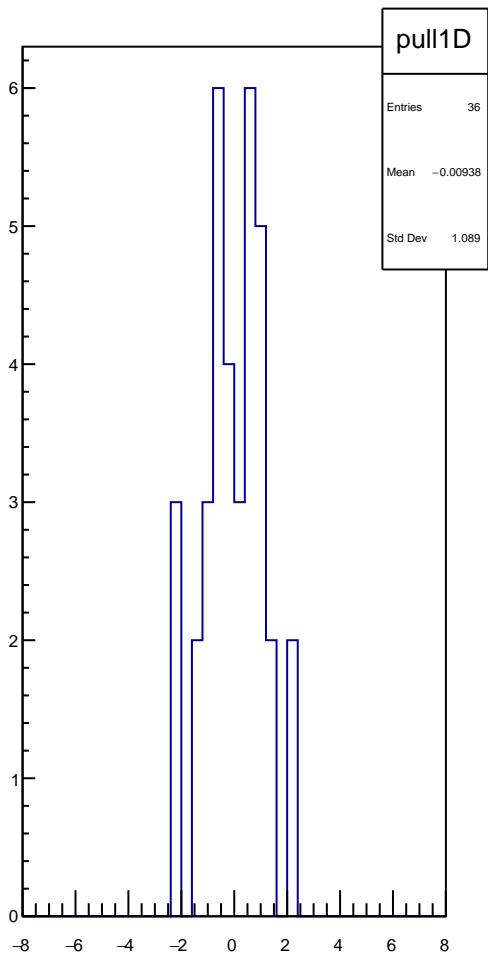
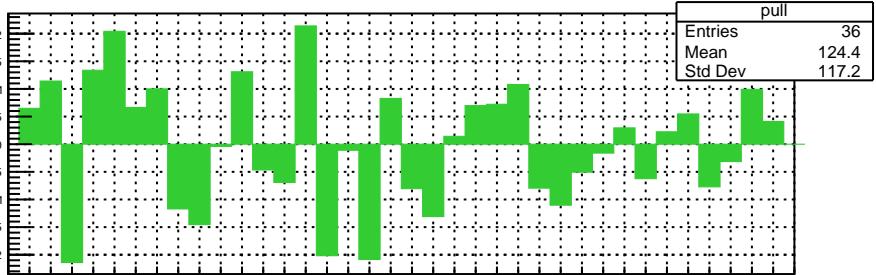
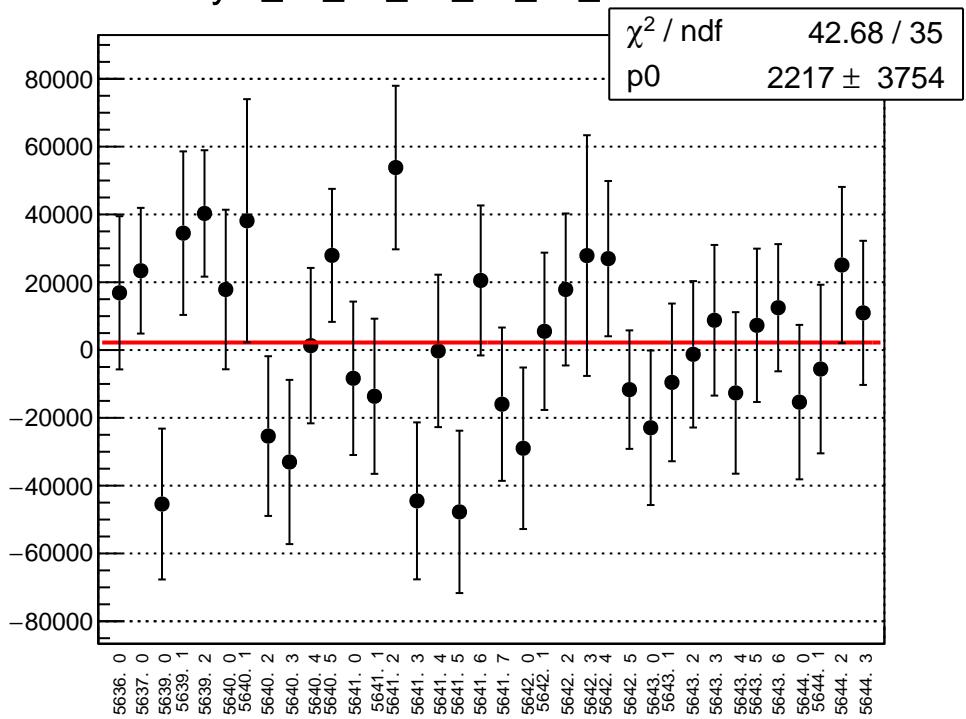
### asym\_atl\_dd\_atr\_dd\_dd\_correction\_mean vs run



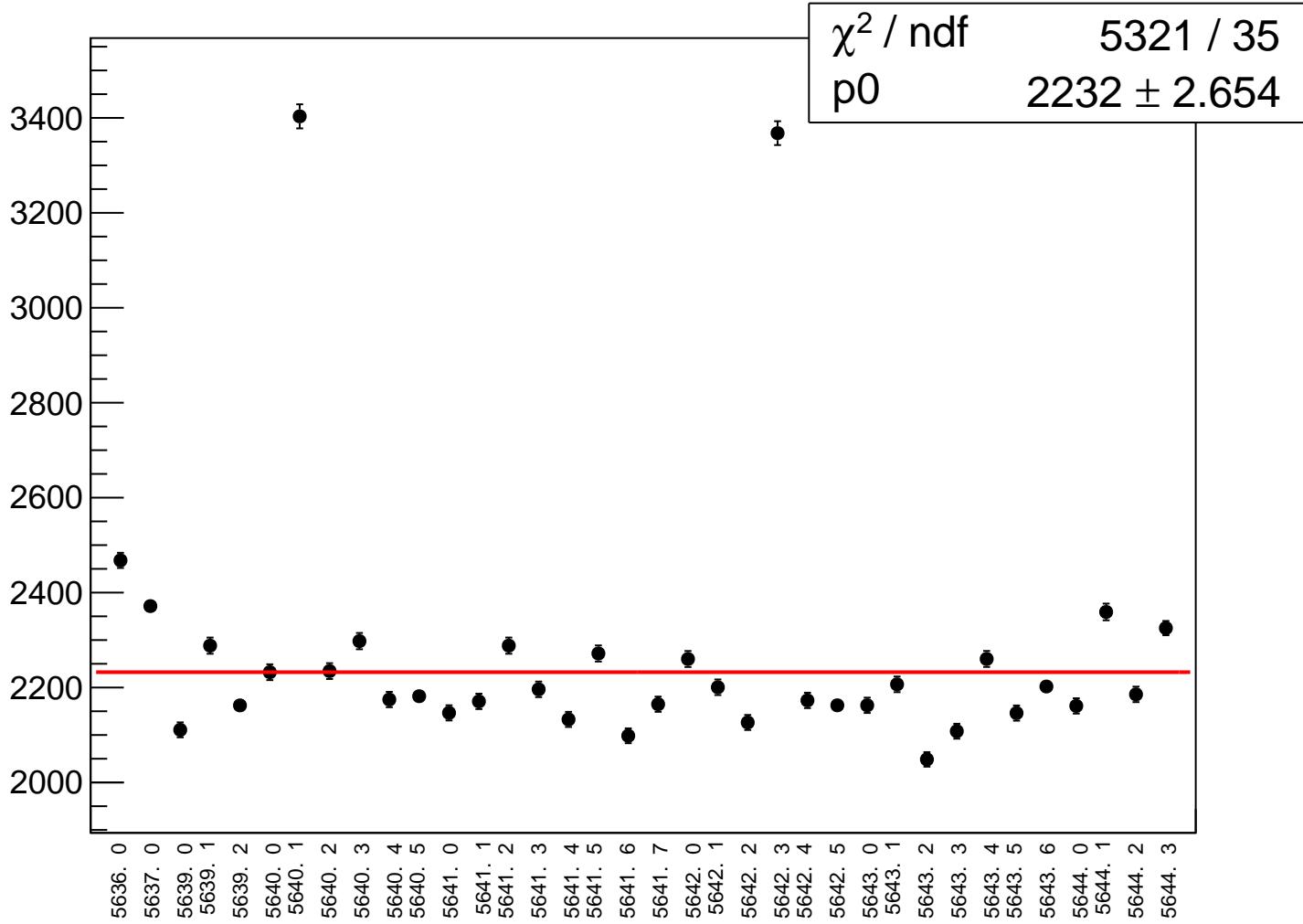
# asym\_atl\_dd\_atr\_dd\_dd\_correction\_rms vs run



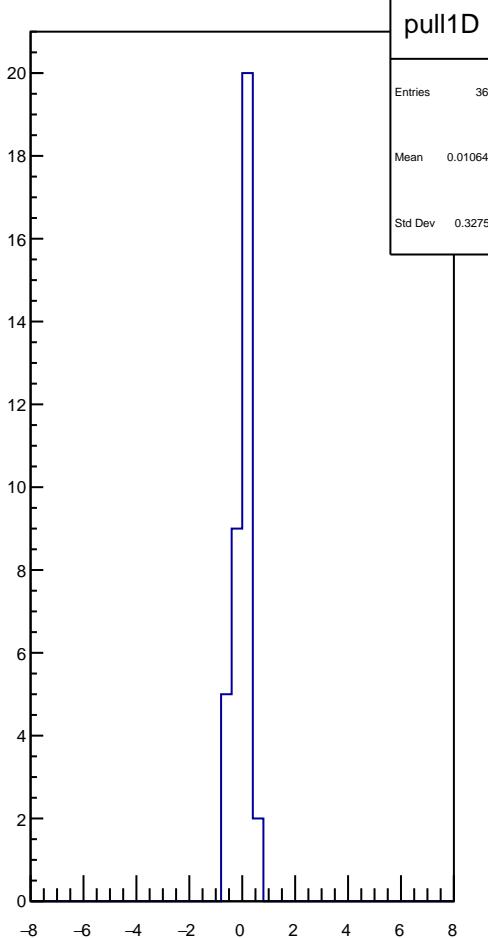
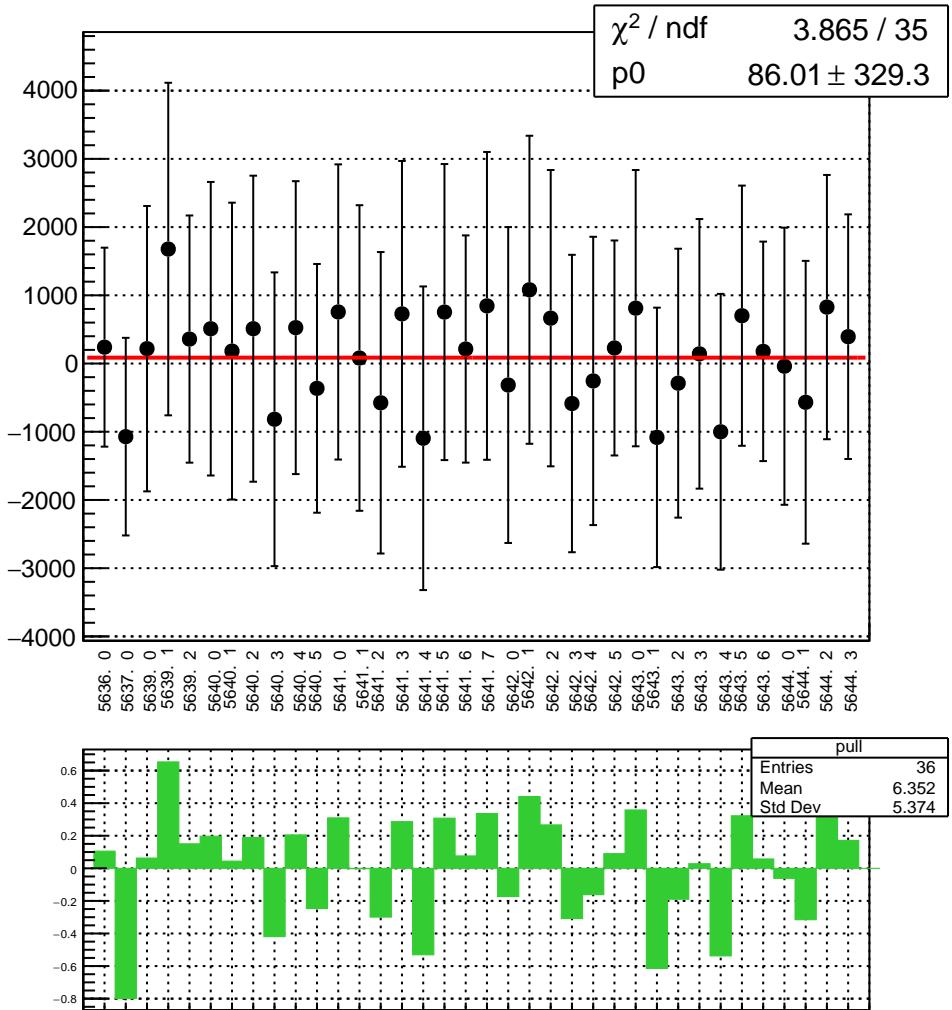
# asym\_atl\_dd\_atr\_dd\_dd\_mean vs run



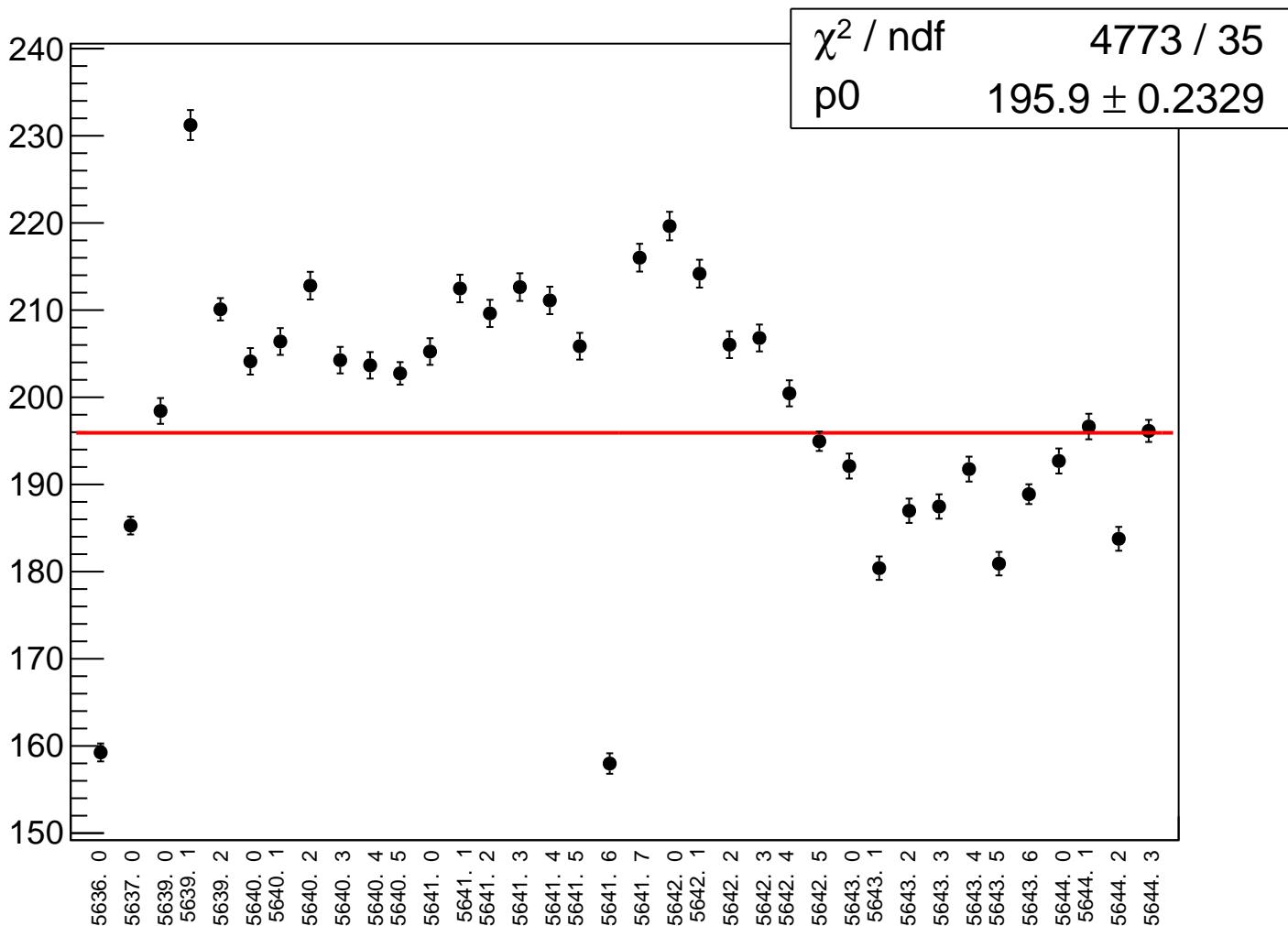
# asym\_atl\_dd\_atr\_dd\_dd\_rms vs run



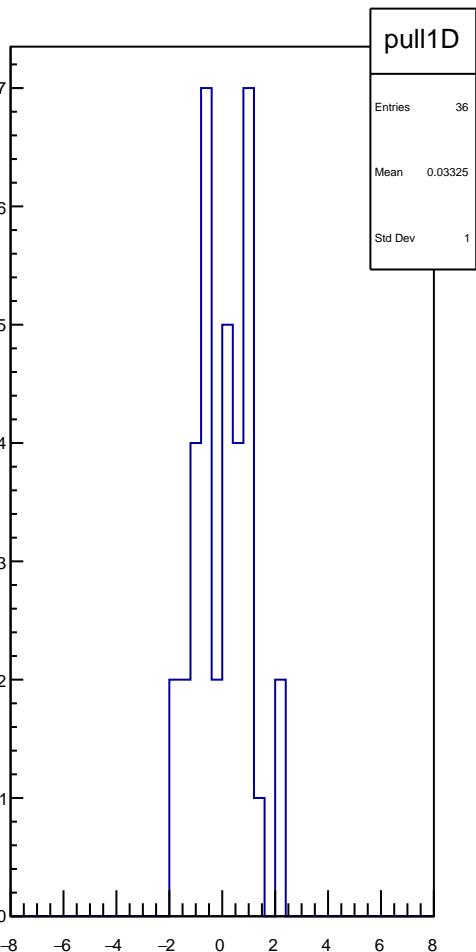
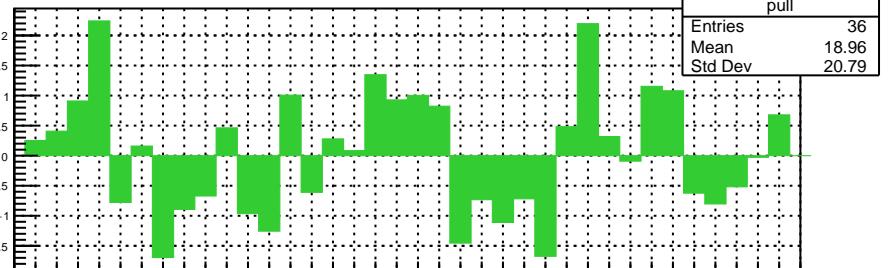
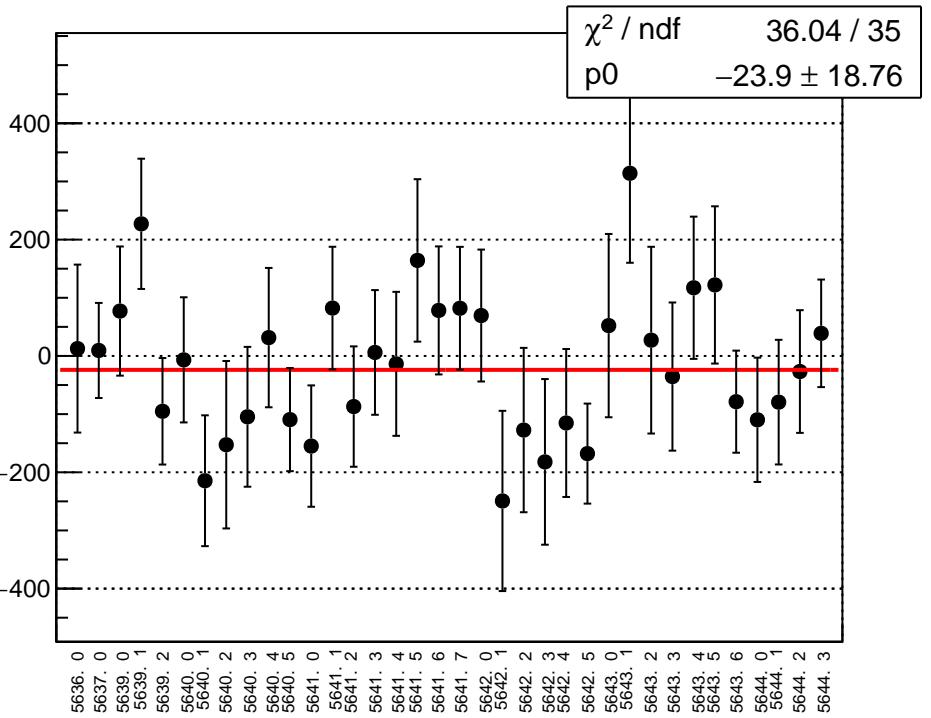
# asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_avg\_mean vs run



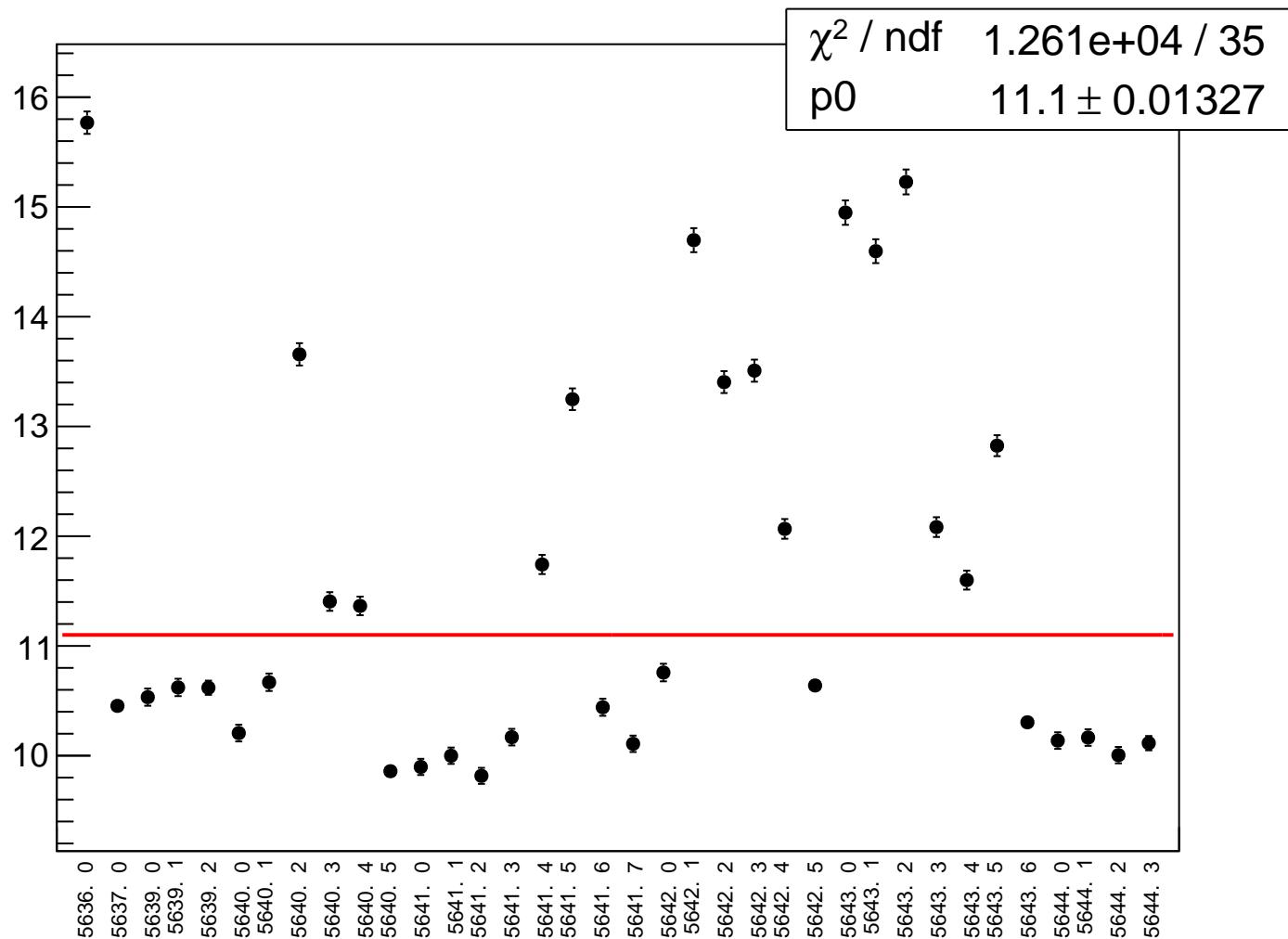
# asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_avg\_rms vs run



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

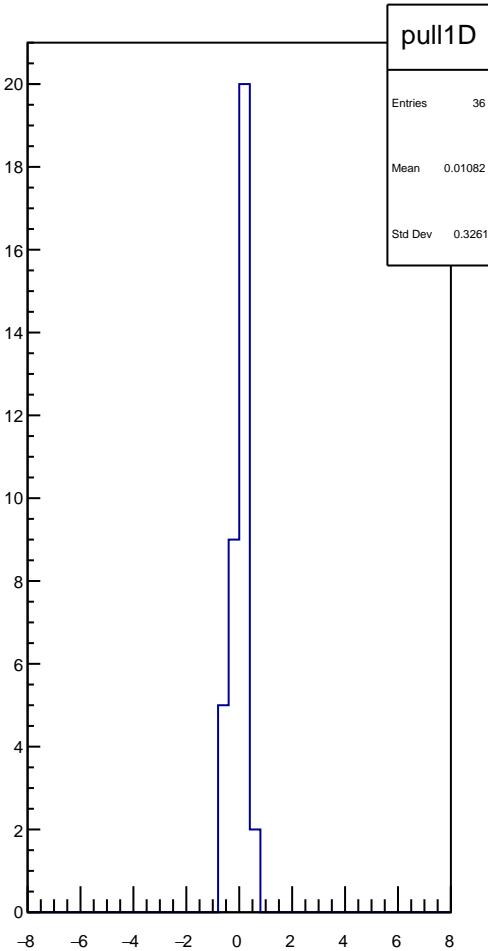
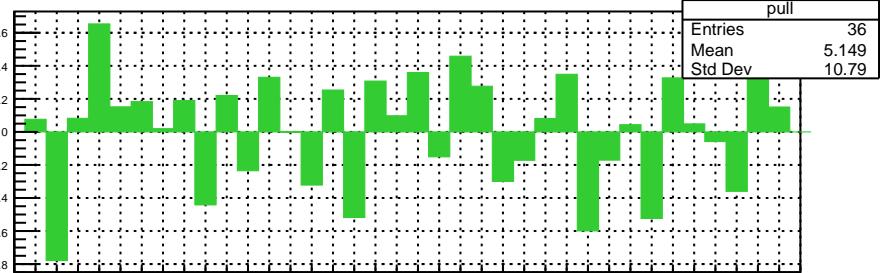
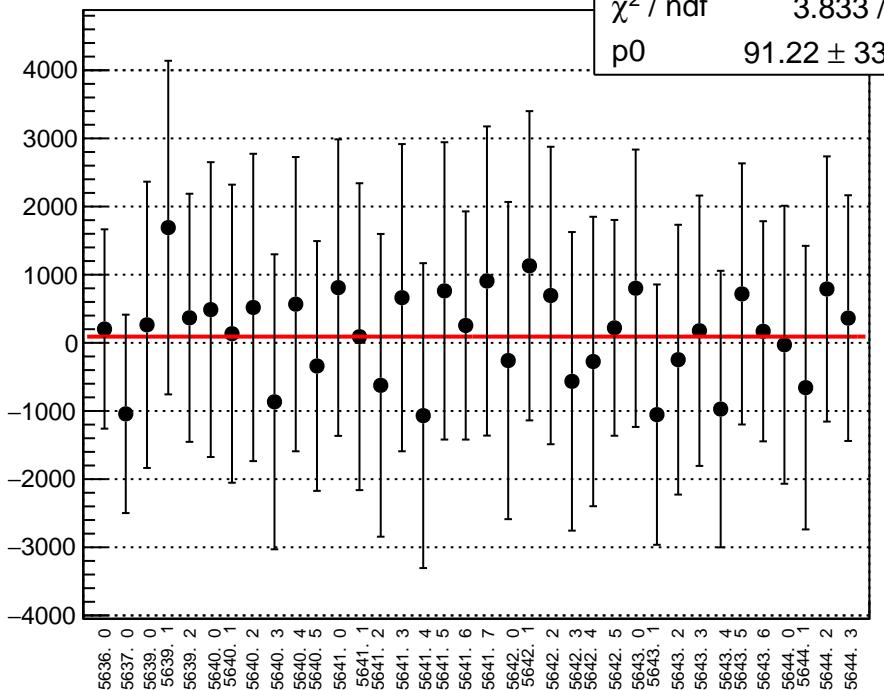


# asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_dd\_rms vs run

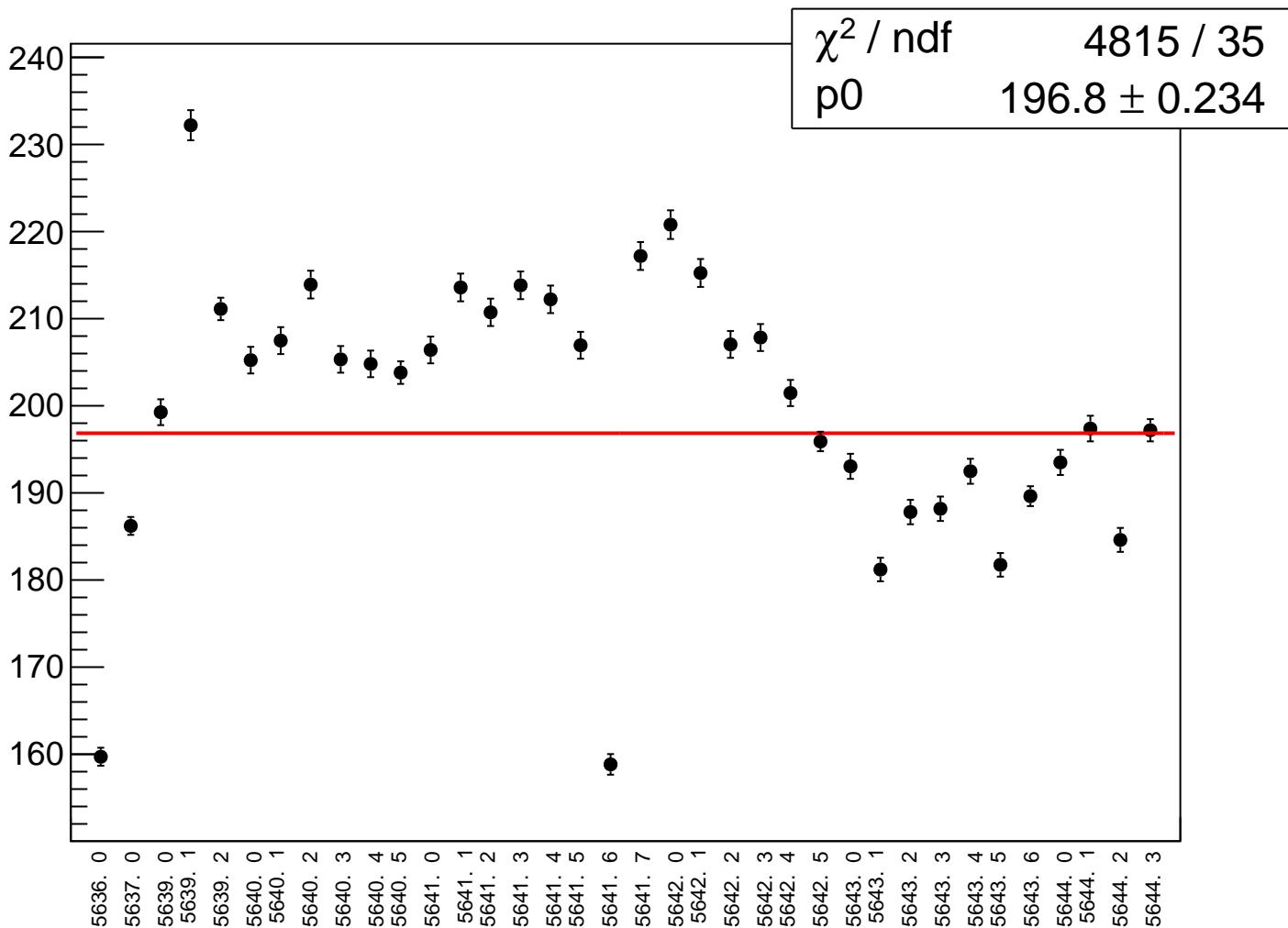


# asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_avg\_mean vs run

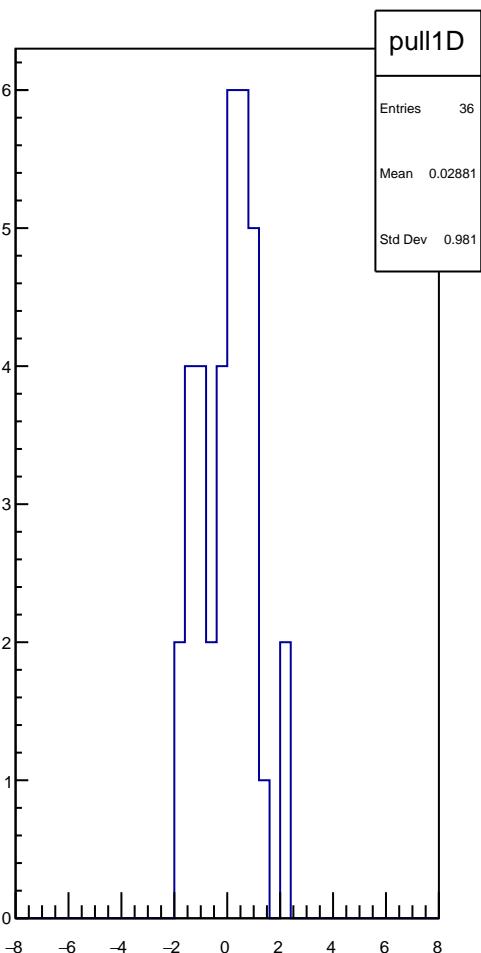
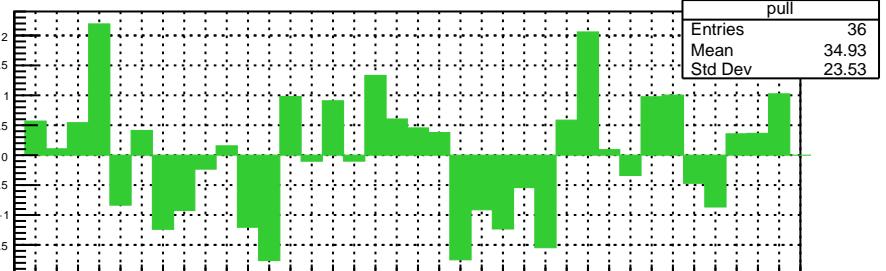
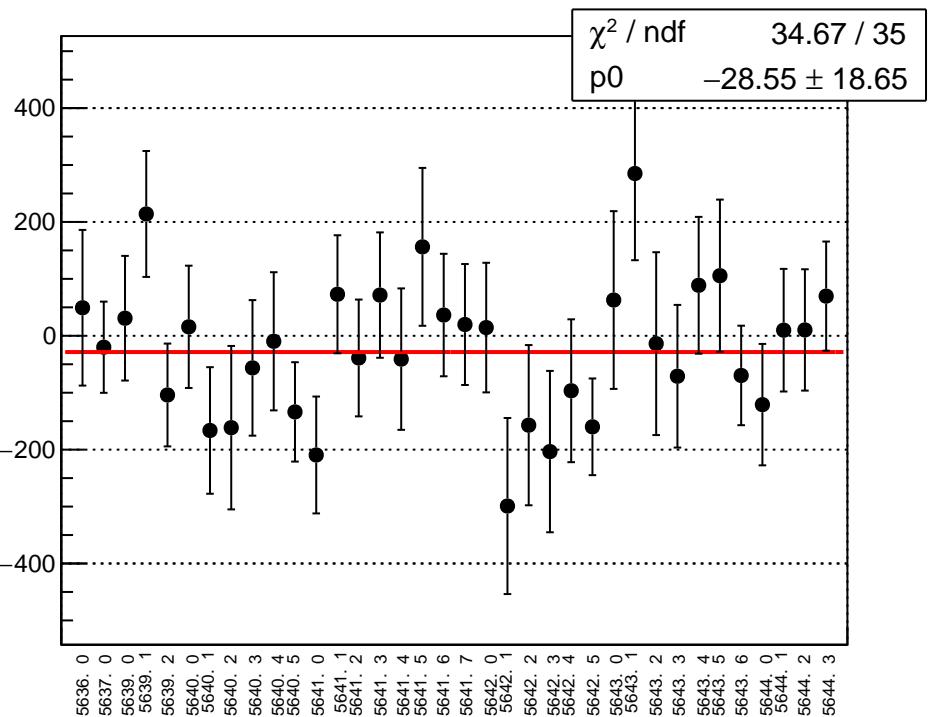
$\chi^2 / \text{ndf}$  3.833 / 35  
 $p0$   $91.22 \pm 330.9$



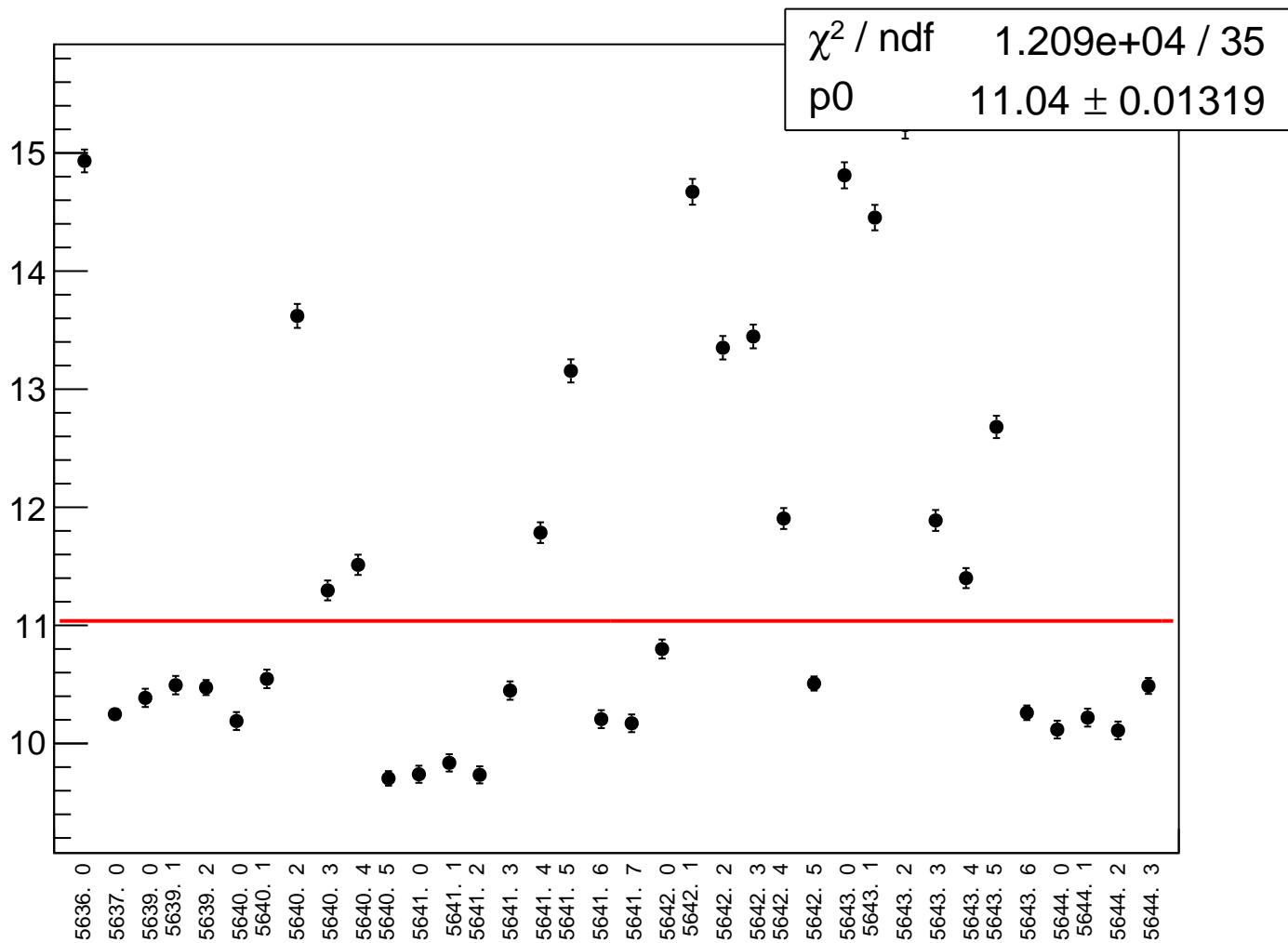
# asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_avg\_rms vs run



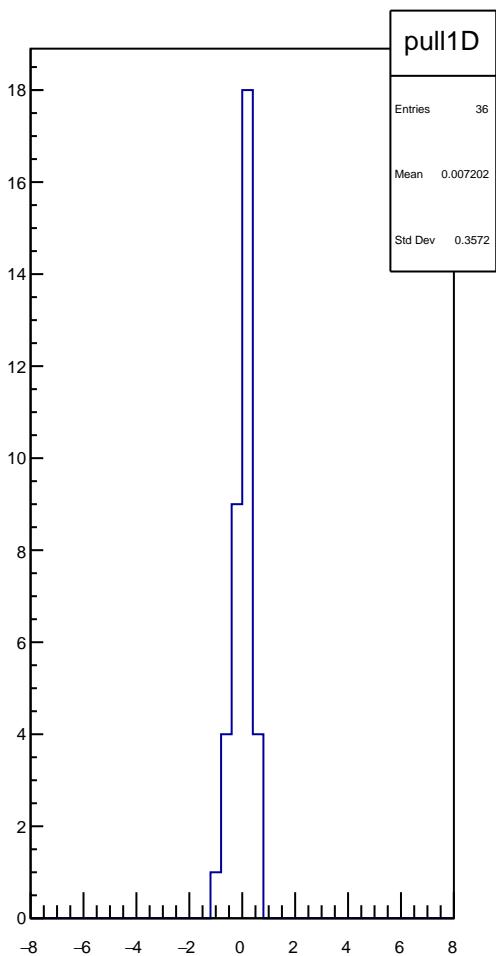
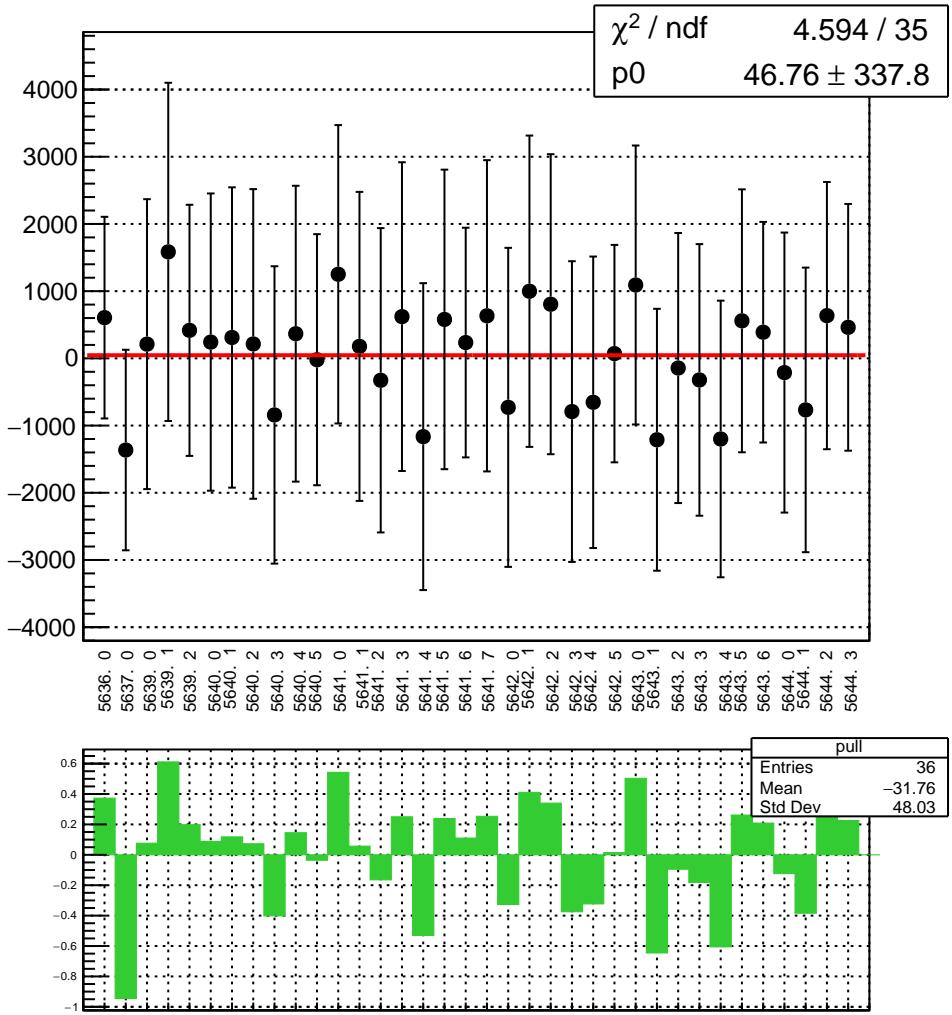
### asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_dd\_mean vs run



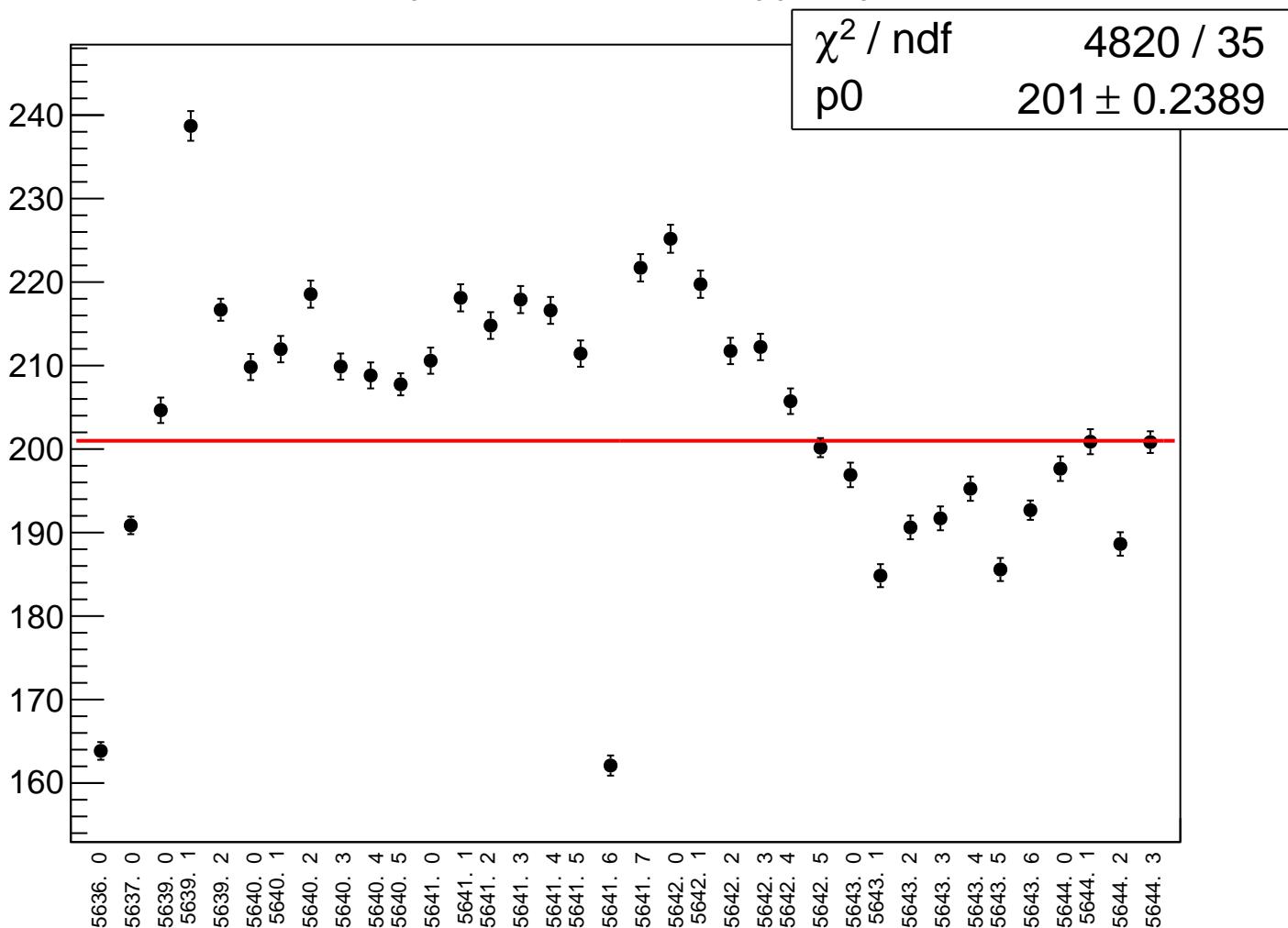
# asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_dd\_rms vs run



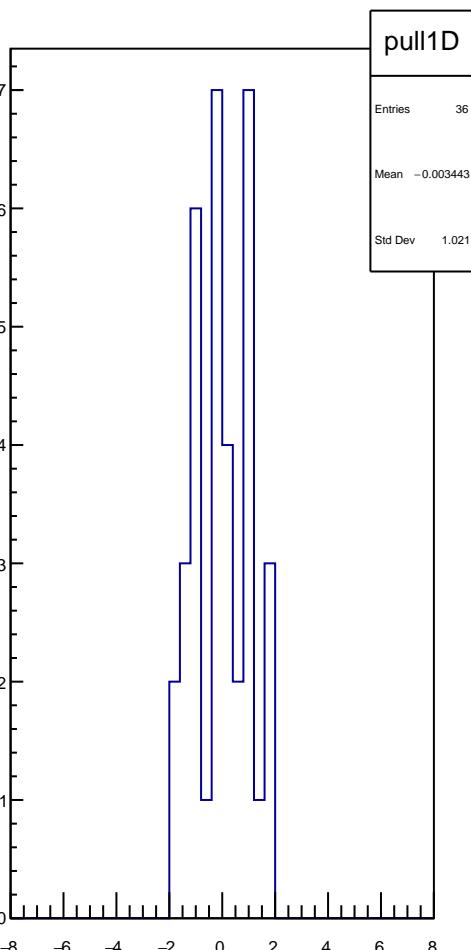
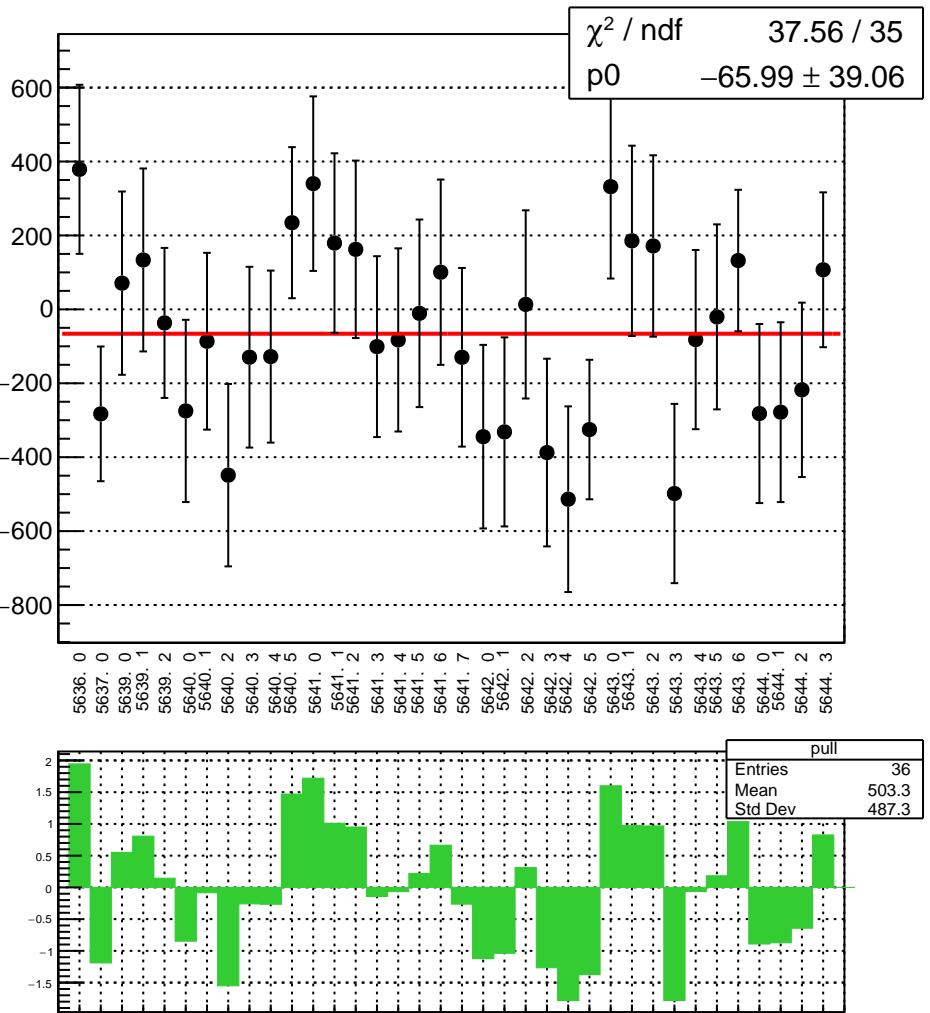
# asym\_bcm\_dg\_us\_bcm\_an\_ds\_agg\_avg\_mean vs run



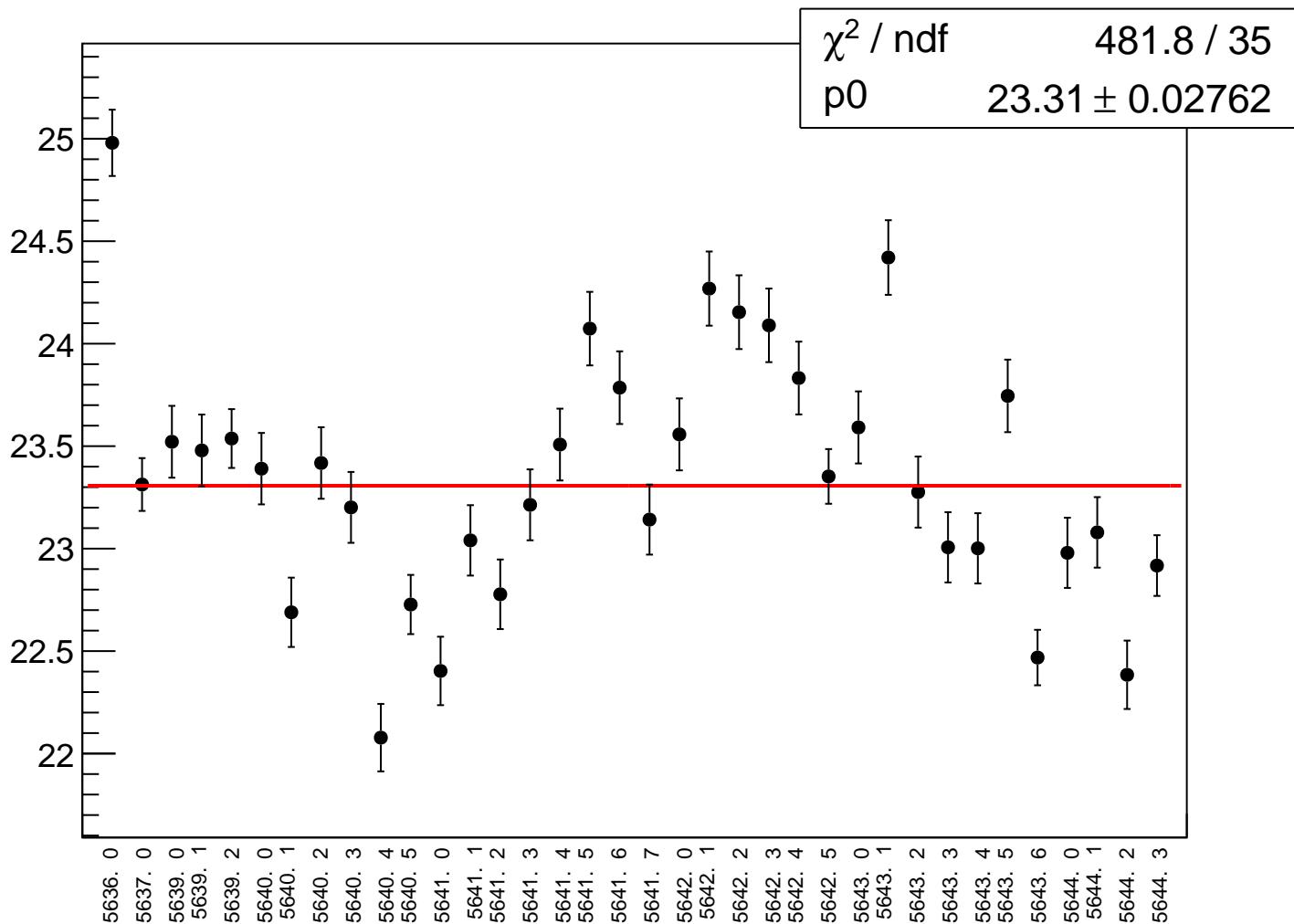
# asym\_bcm\_dg\_us\_bcm\_an\_ds\_agg\_avg\_rms vs run



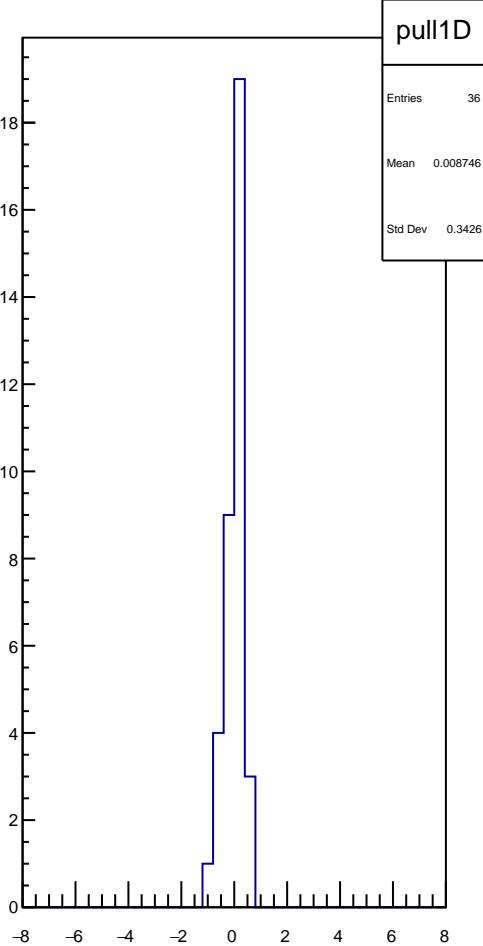
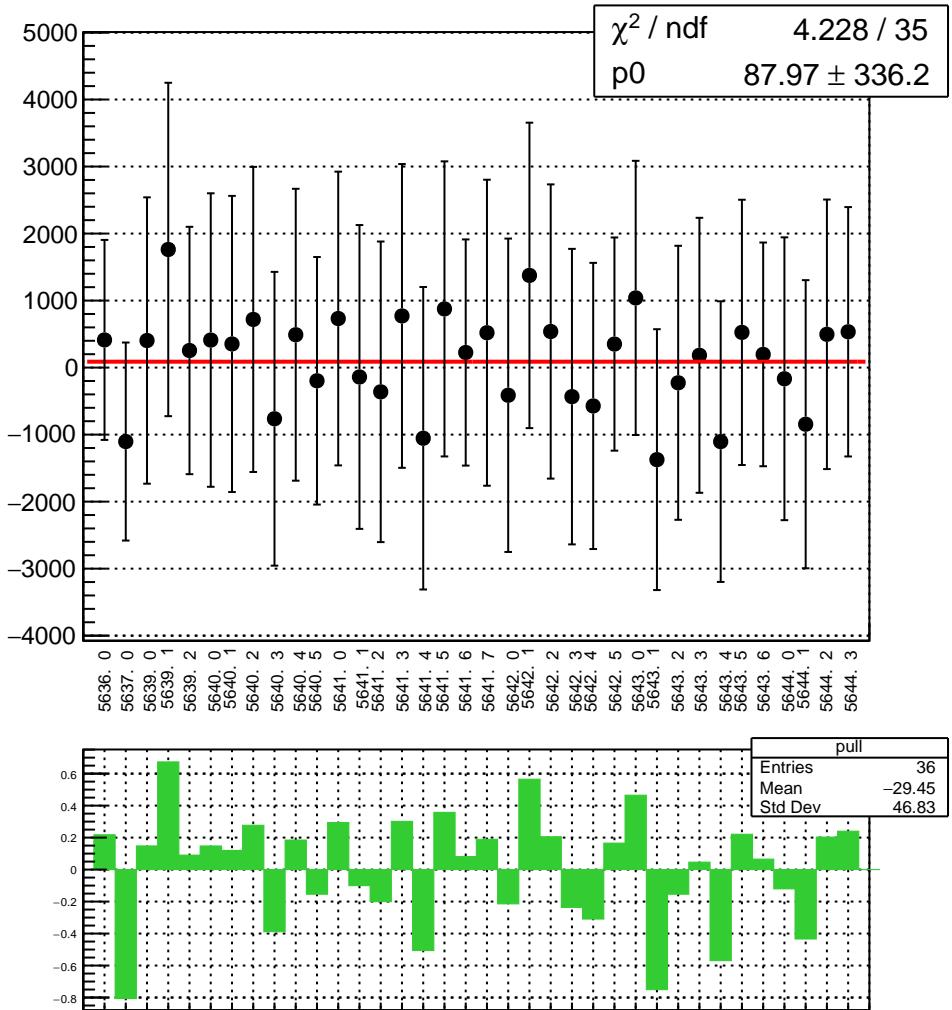
# asym\_bcm\_dg\_us\_bcm\_an\_ds\_agg\_dd\_mean vs run



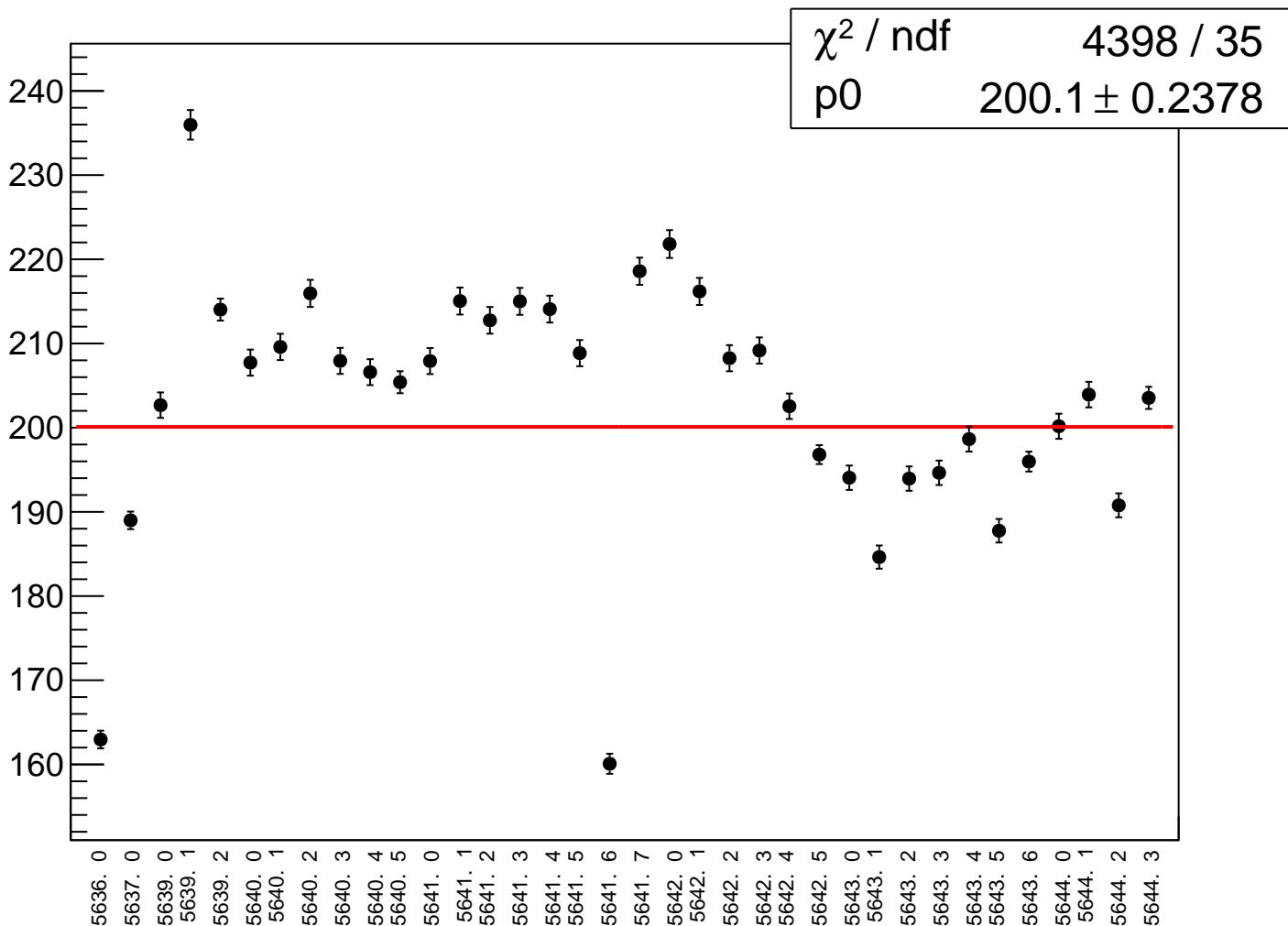
# asym\_bcm\_dg\_us\_bcm\_an\_ds\_agg\_dd\_rms vs run



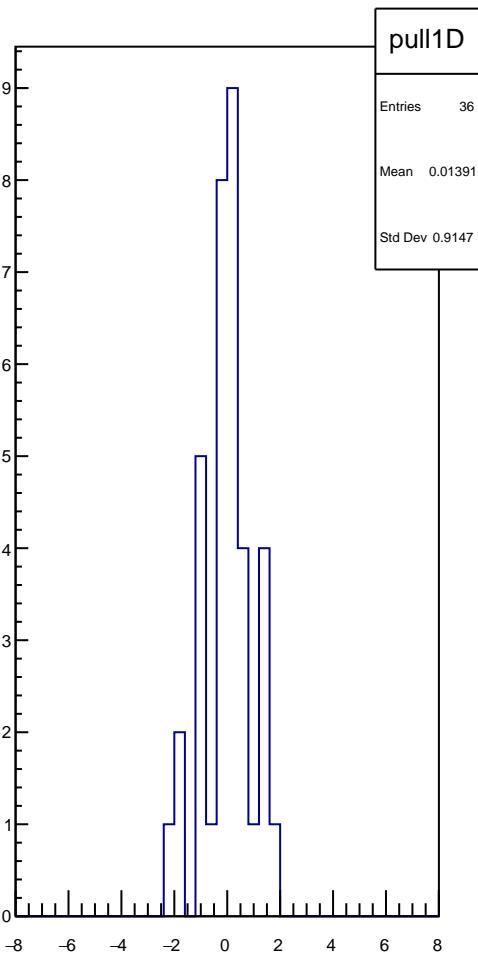
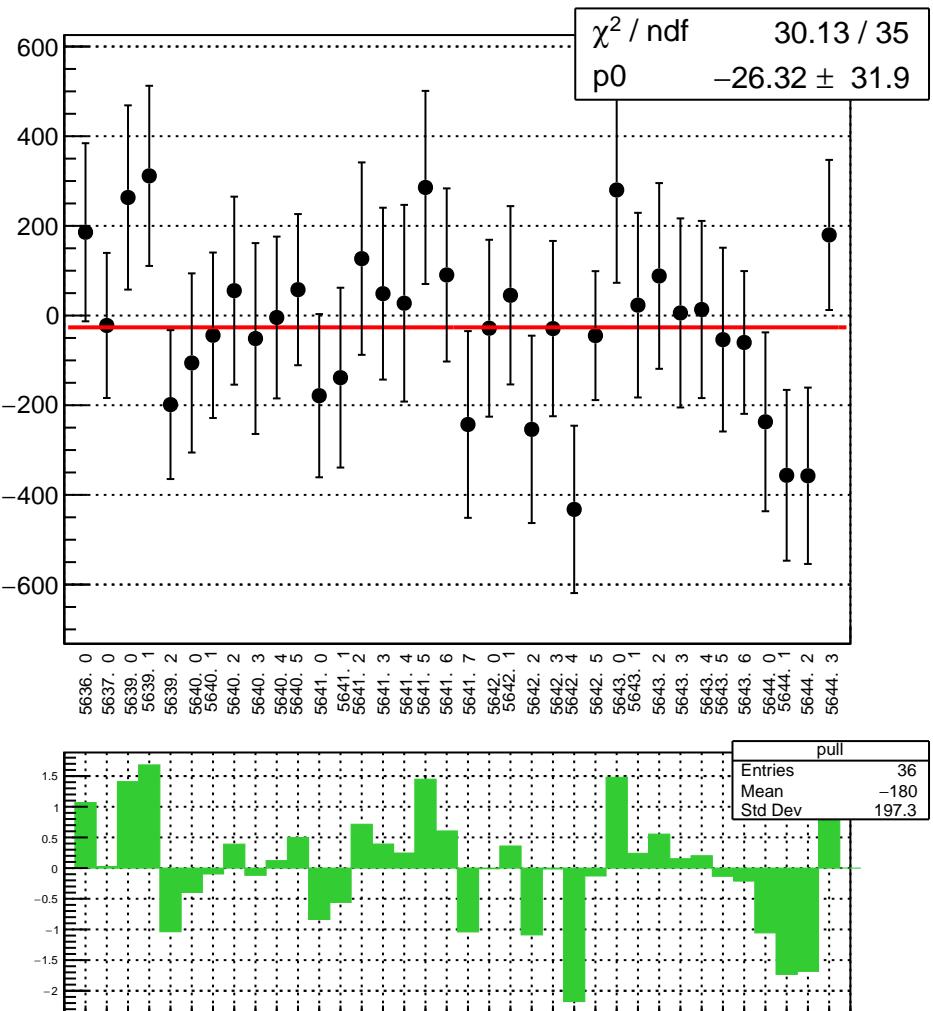
# asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_avg\_mean vs run



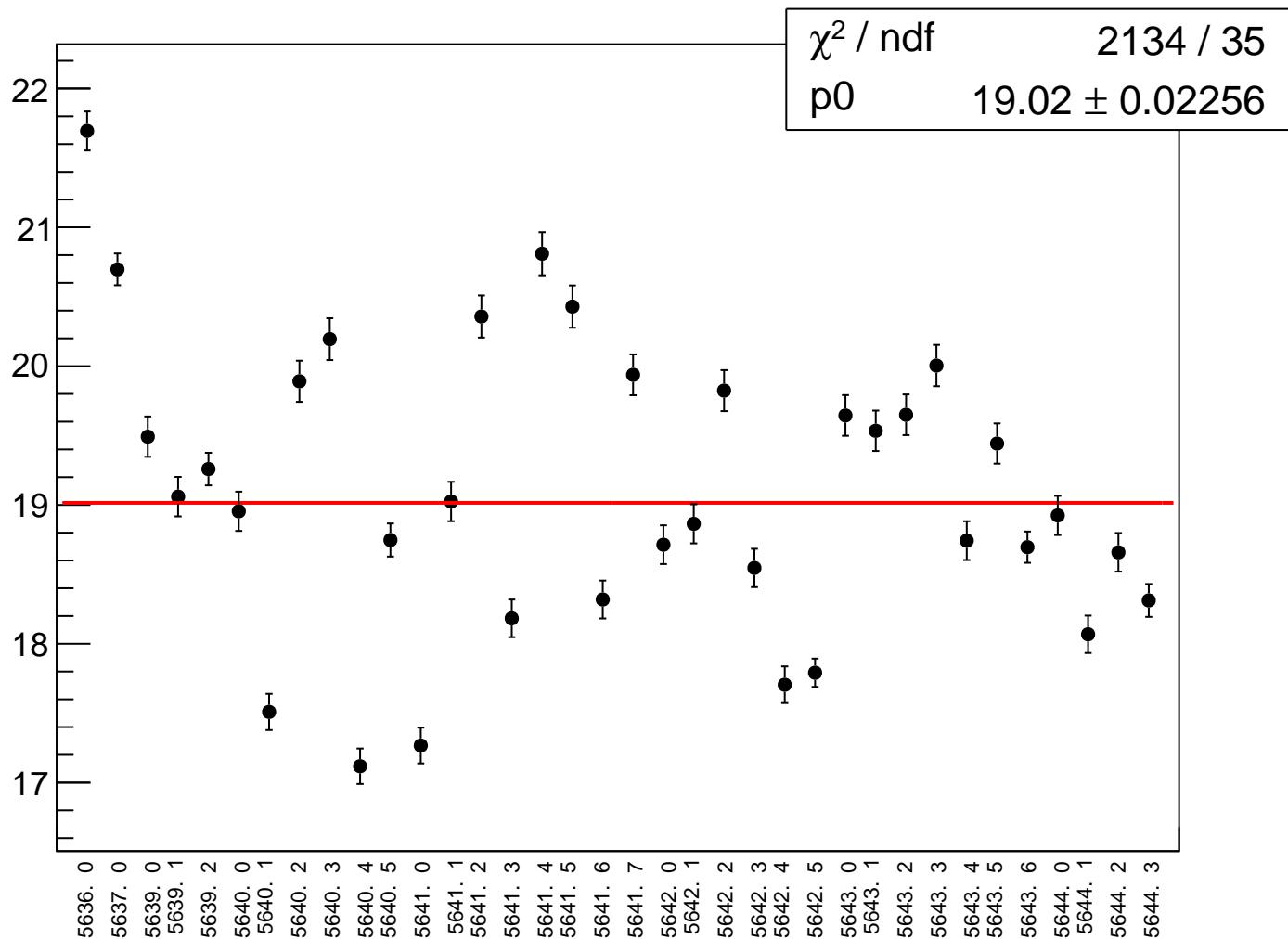
# asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_avg\_rms vs run



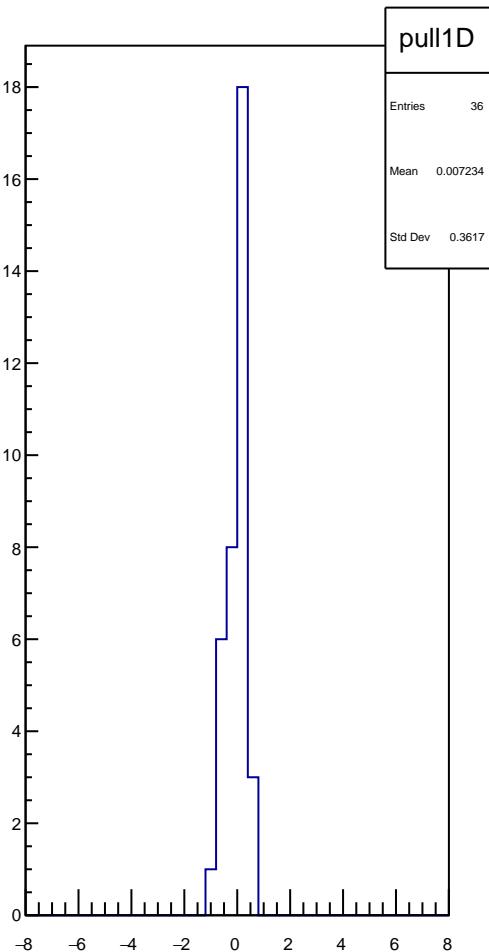
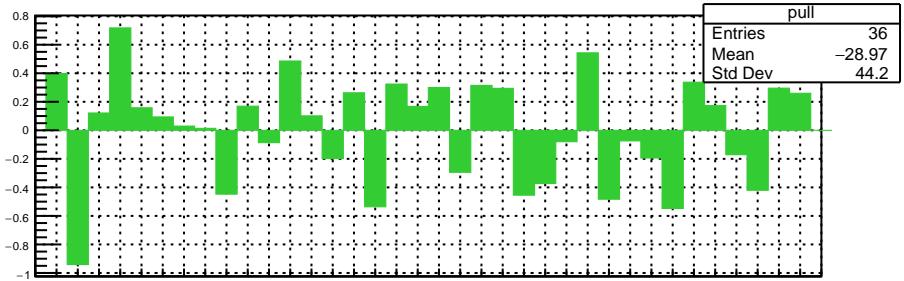
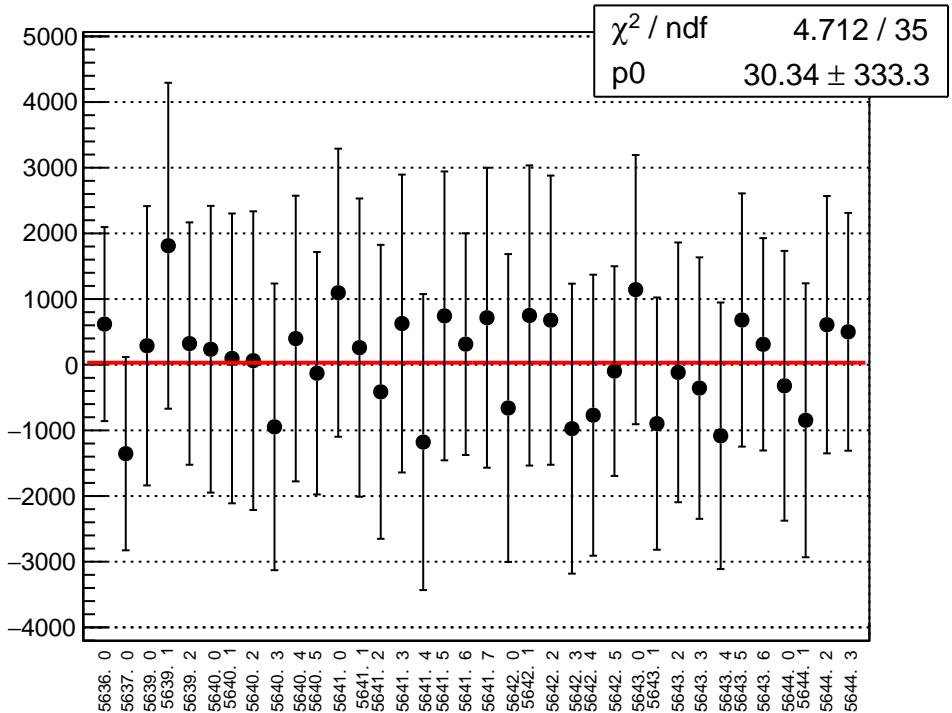
# asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_dd\_mean vs run



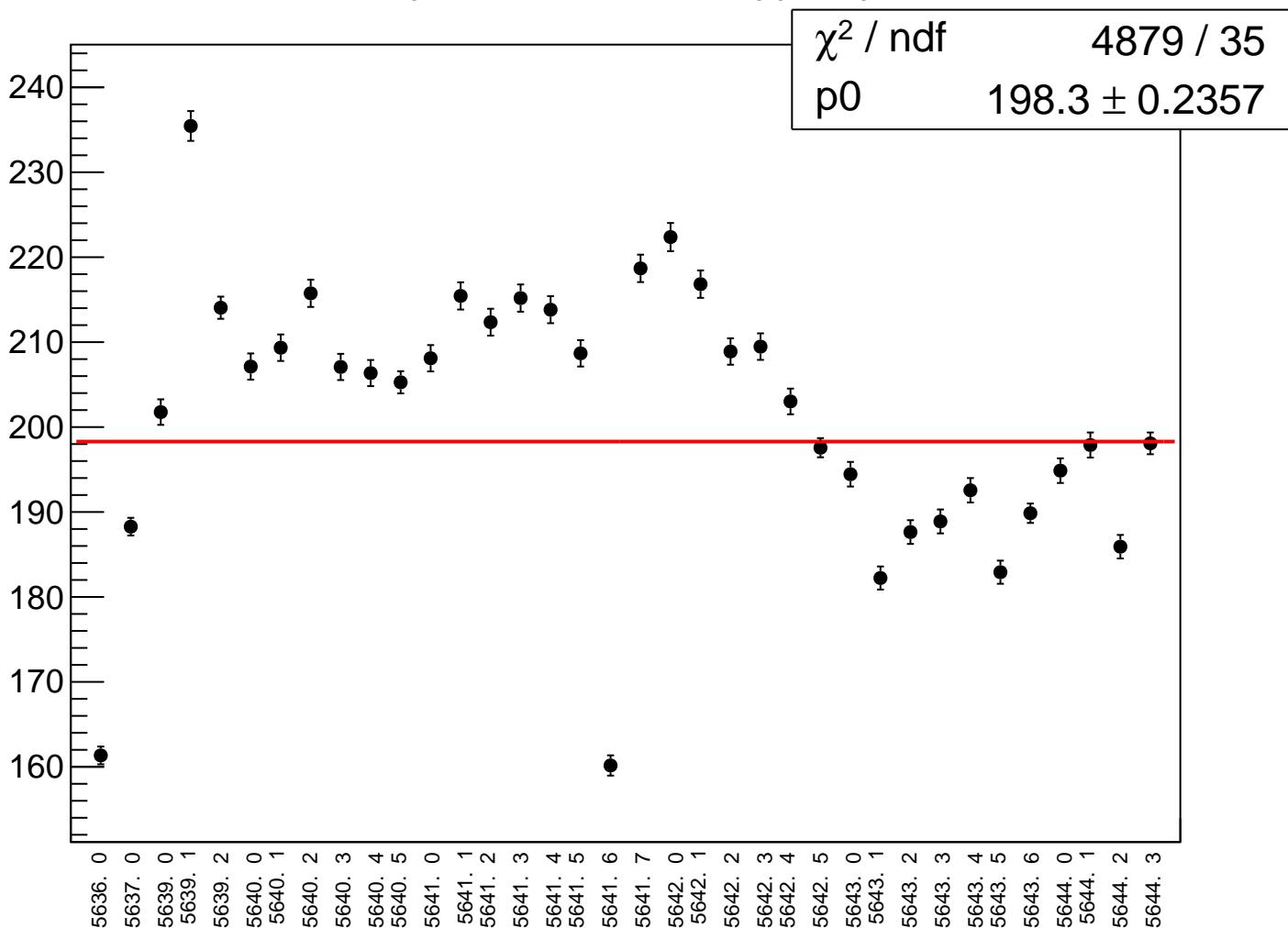
# asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_dd\_rms vs run



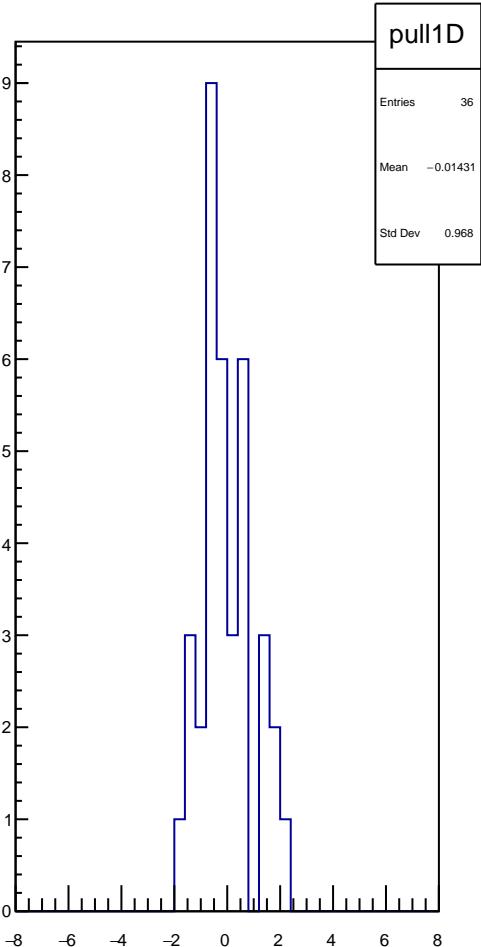
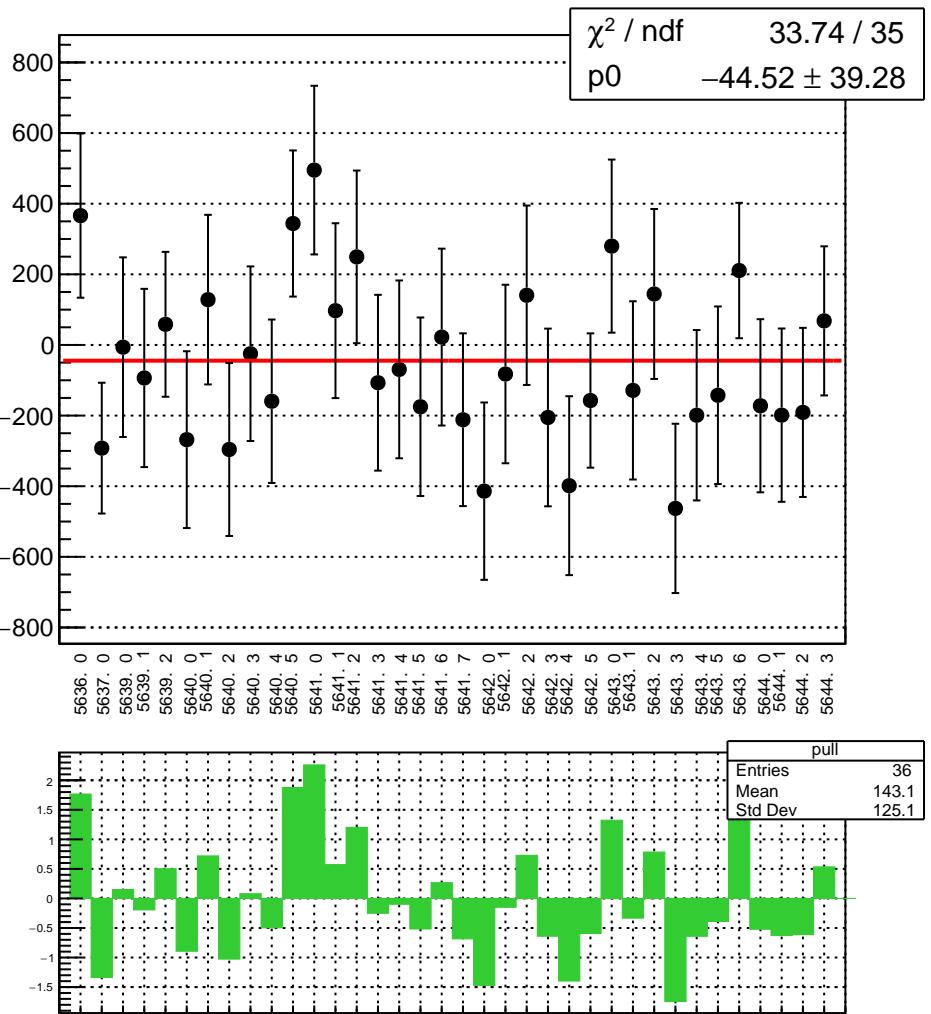
# asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_avg\_mean vs run



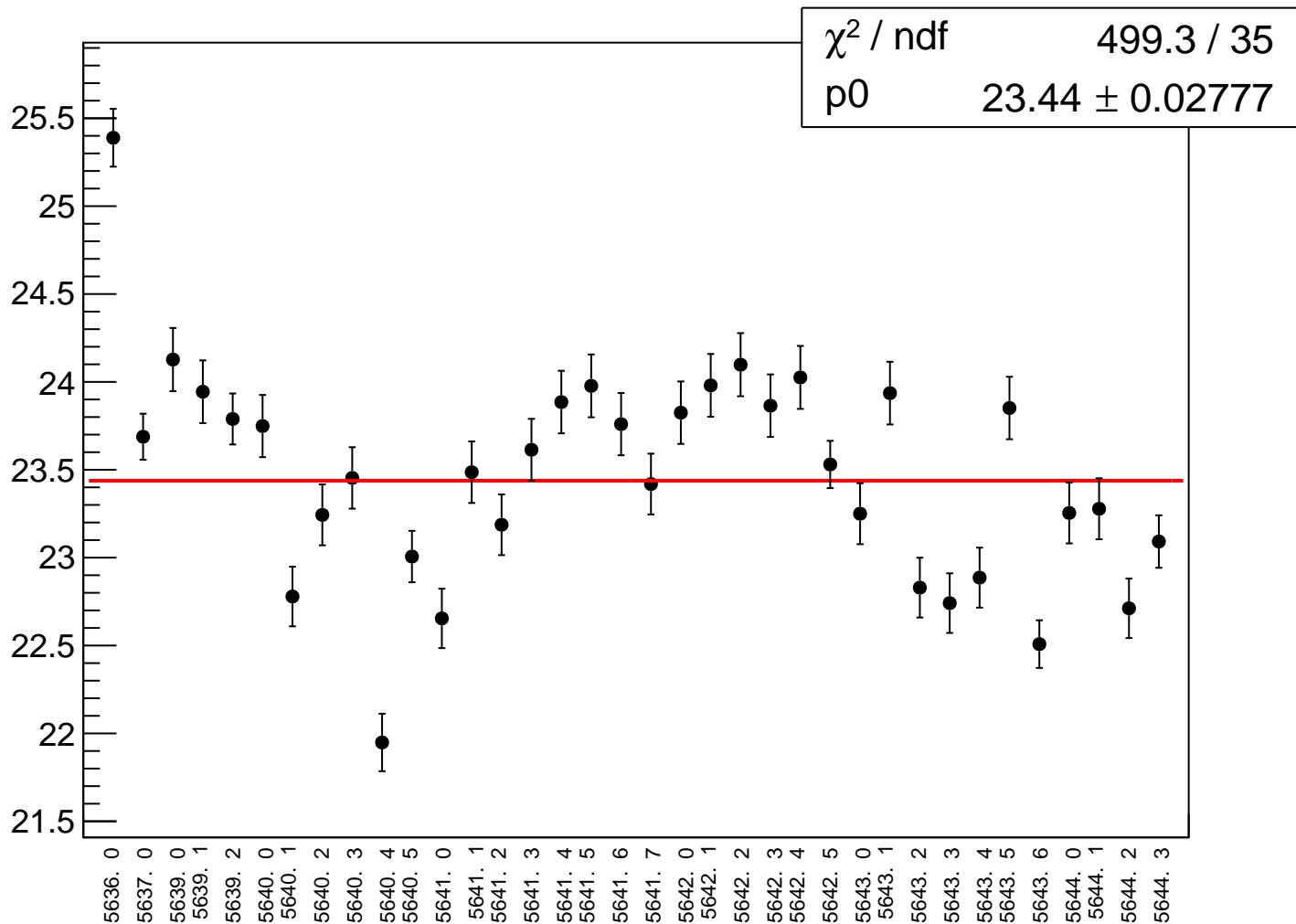
# asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_avg\_rms vs run



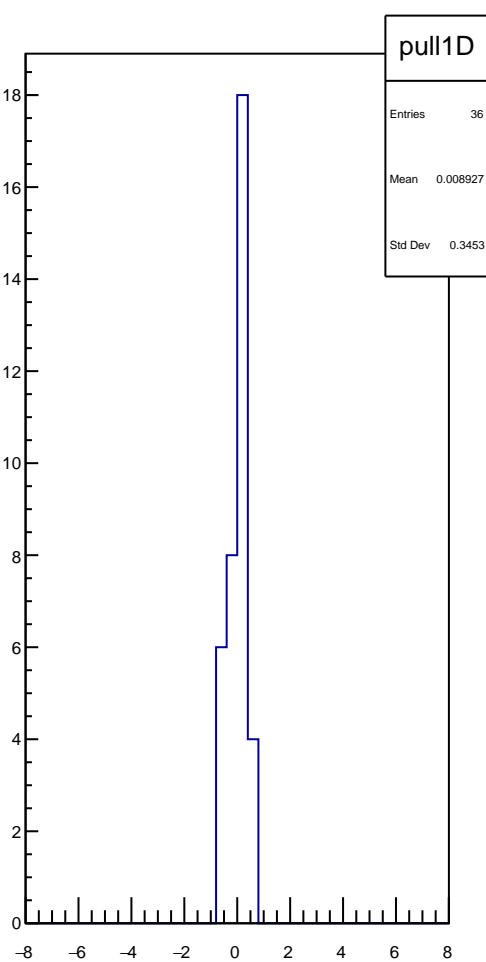
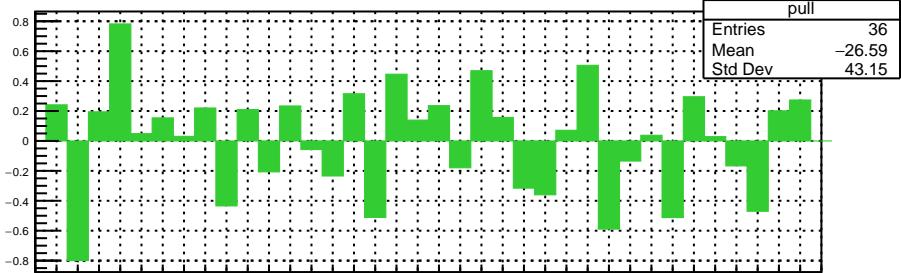
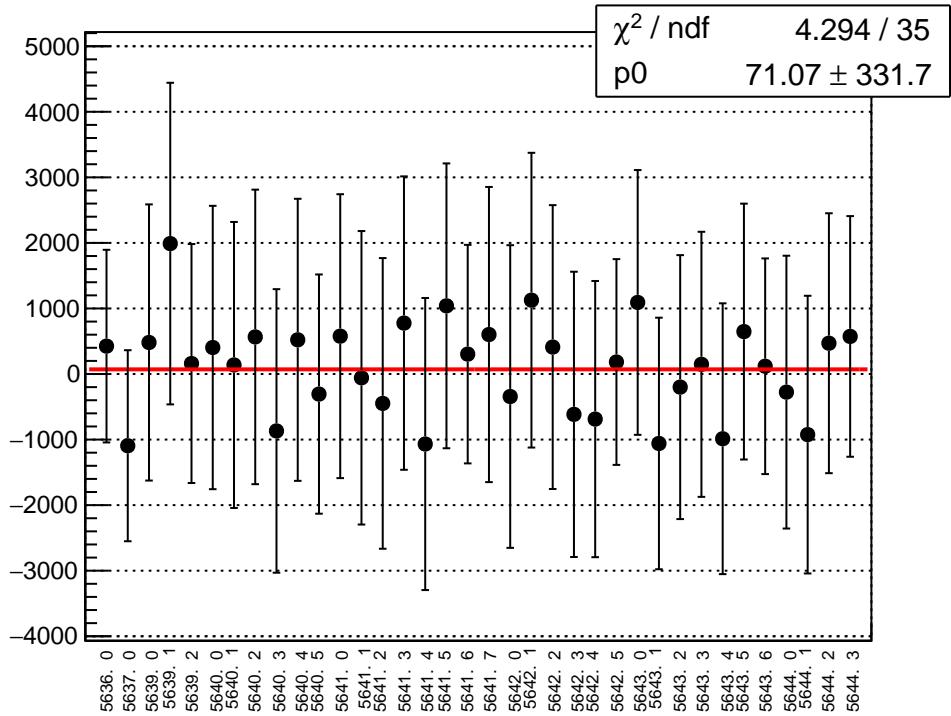
asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_dd\_mean vs run



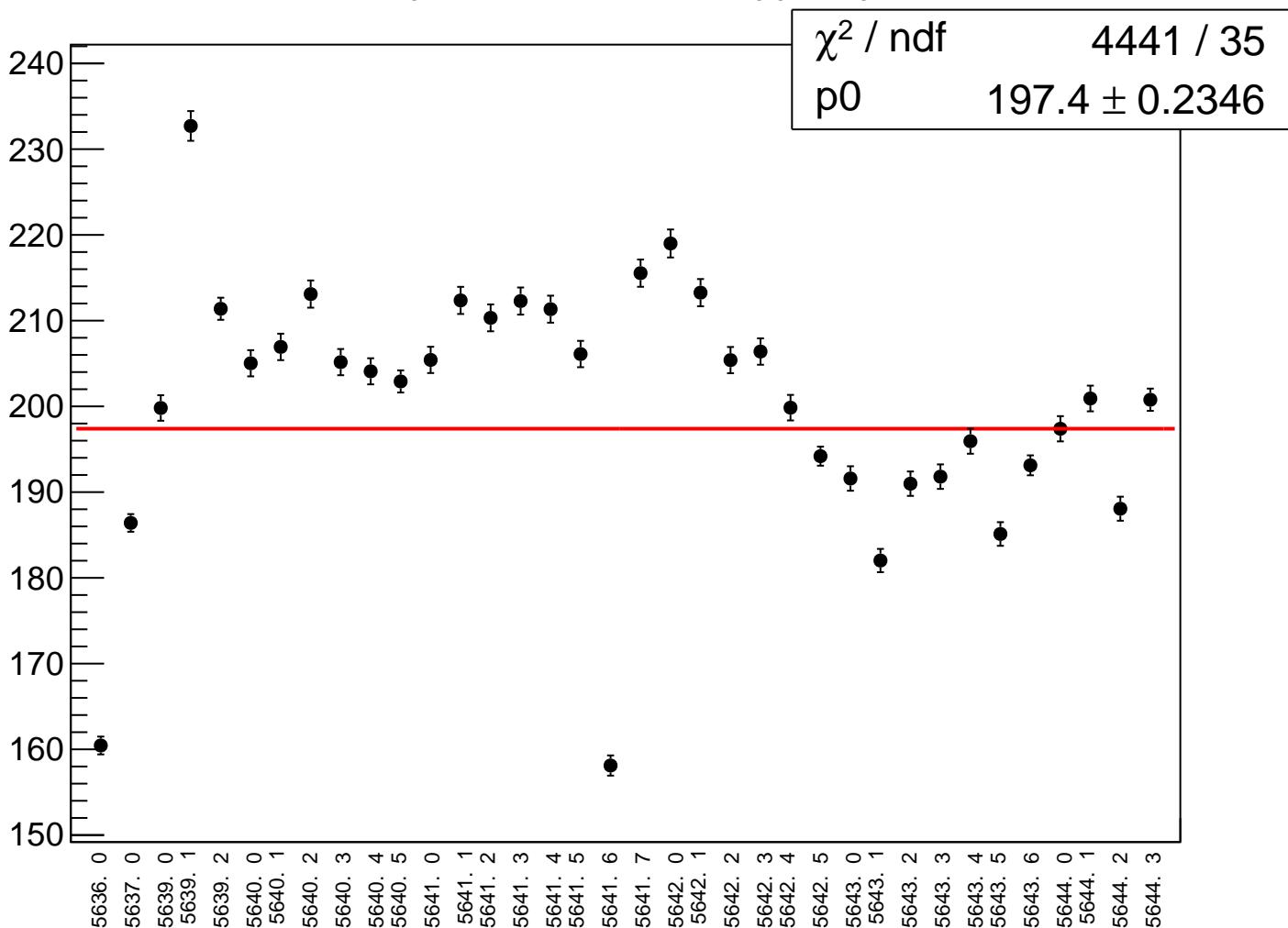
# asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_dd\_rms vs run



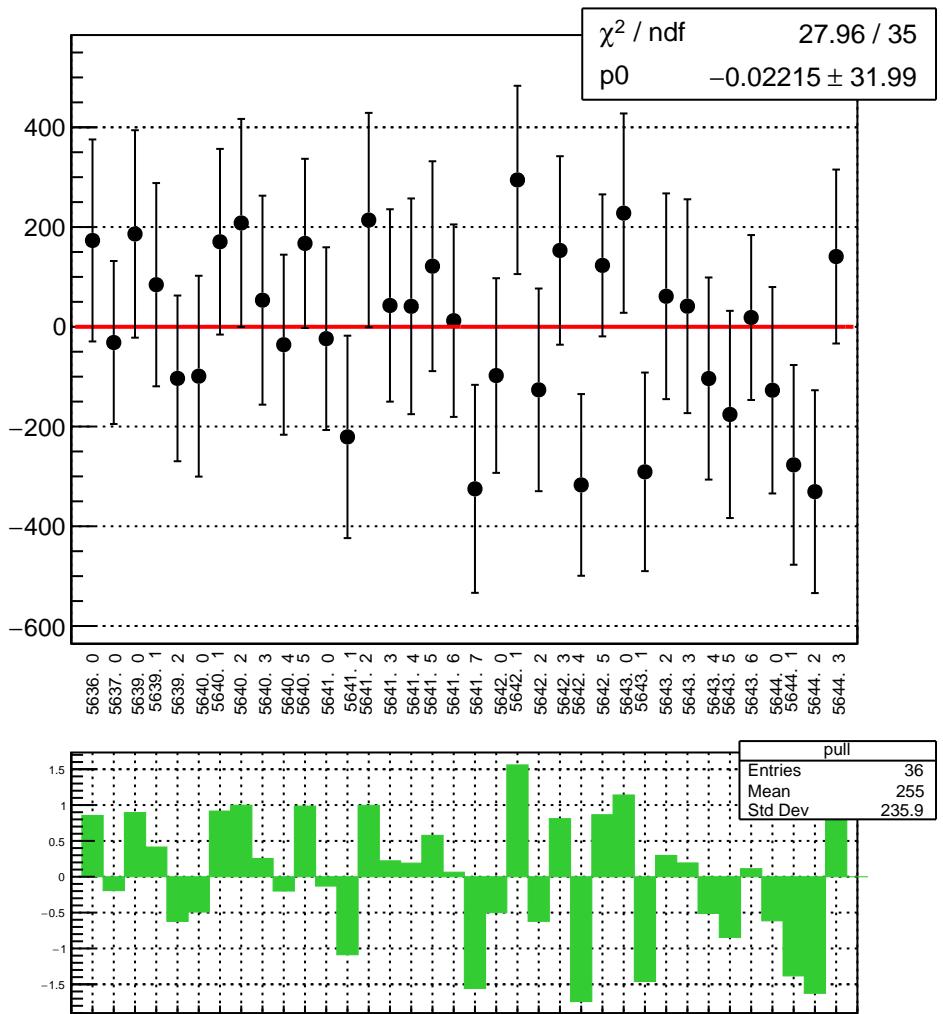
# asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_avg\_mean vs run



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

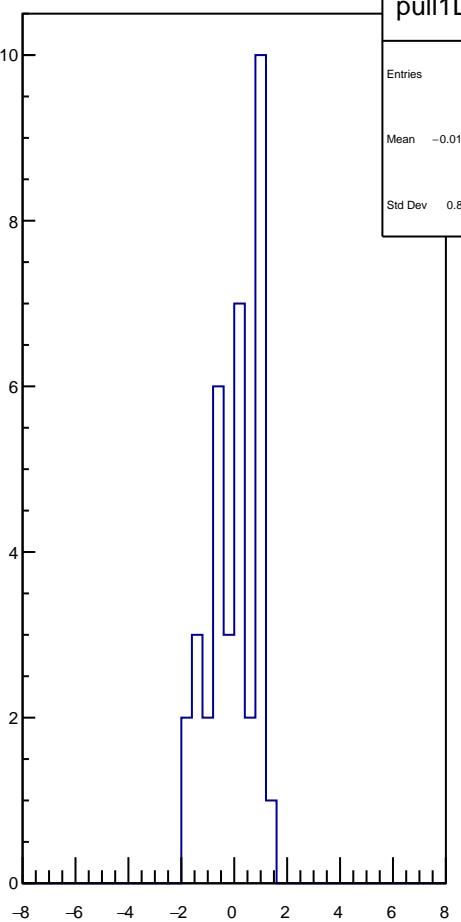


asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_dd\_mean vs run

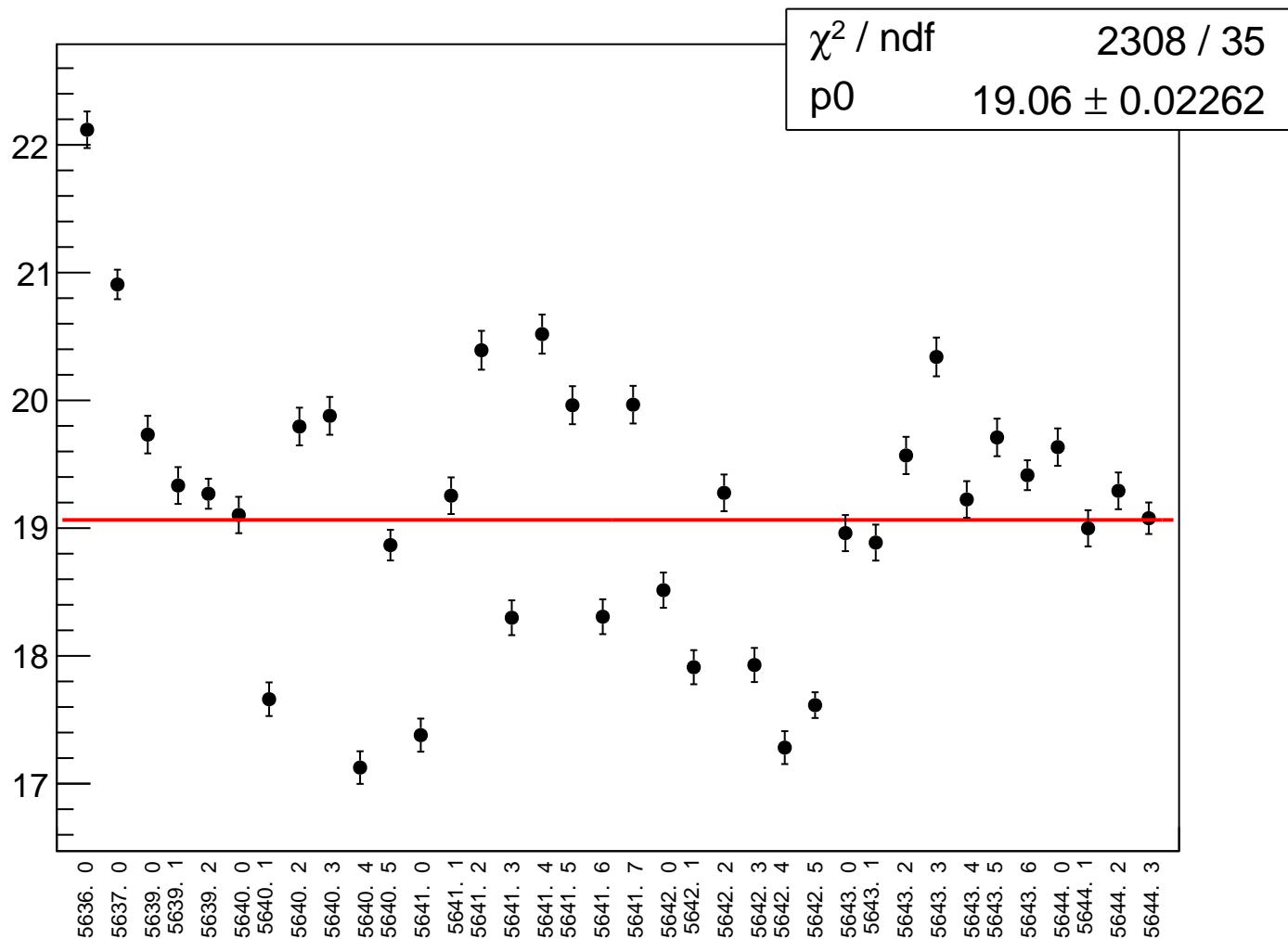


pull1D

Entries 36  
Mean  $-0.01209$   
Std Dev 0.8812

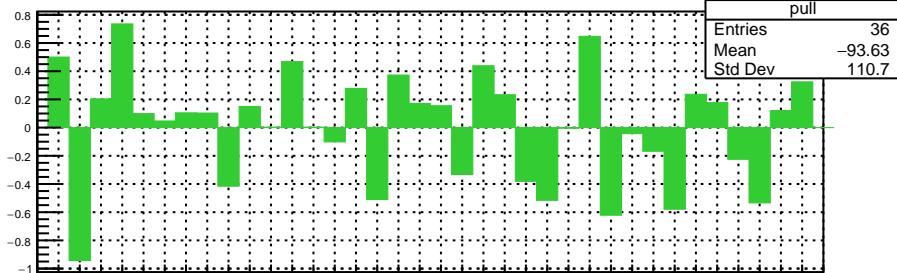
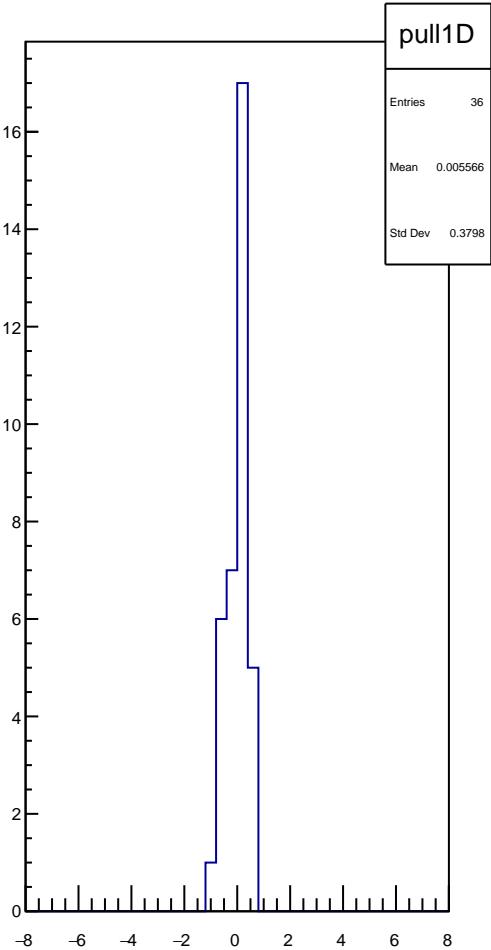
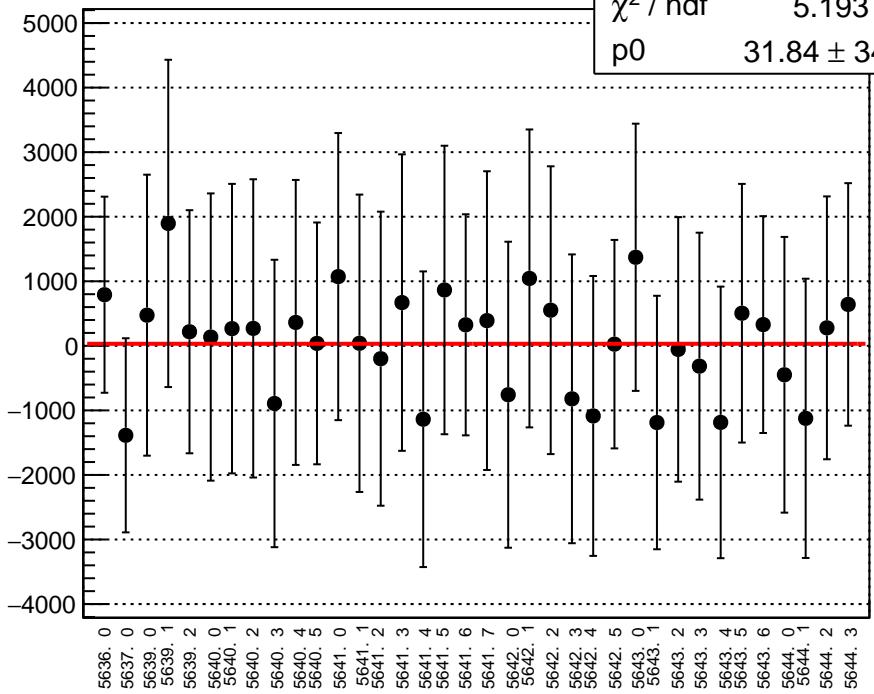


# asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_dd\_rms vs run

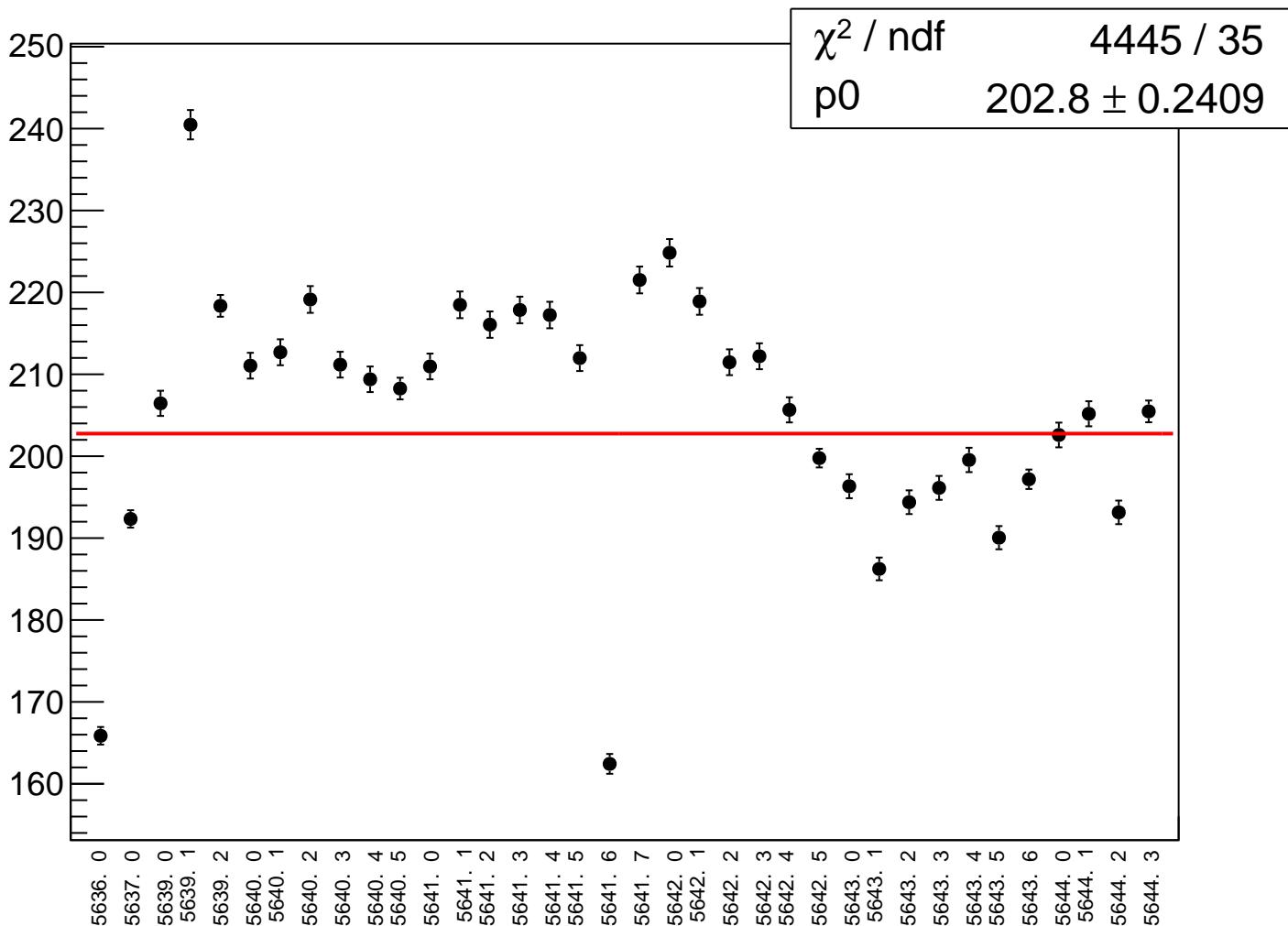


# asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_avg\_mean vs run

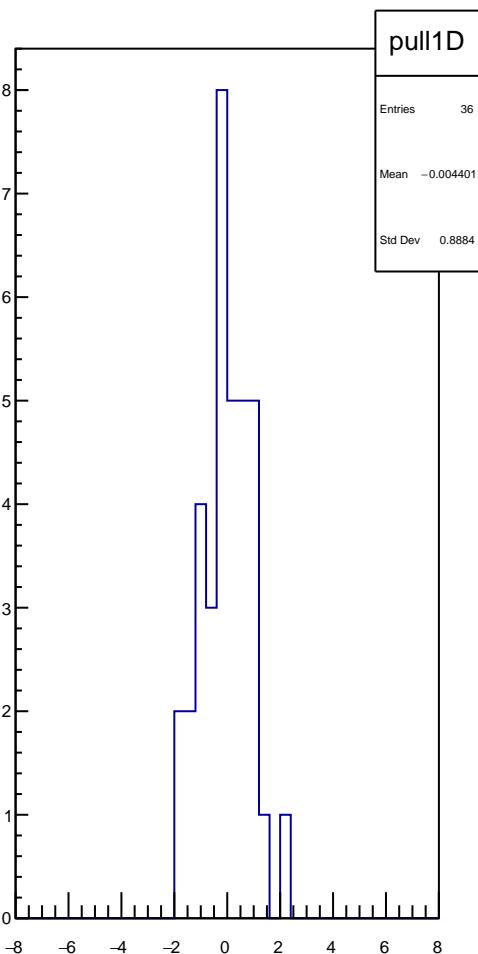
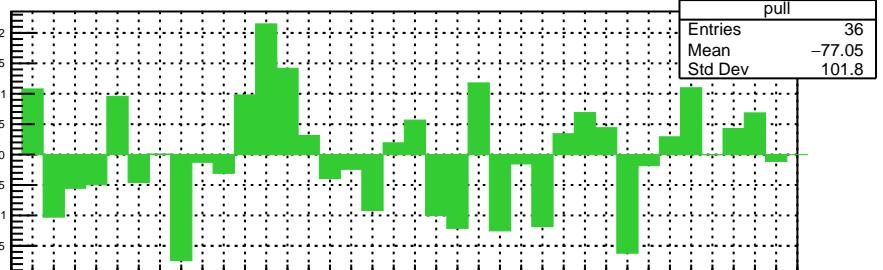
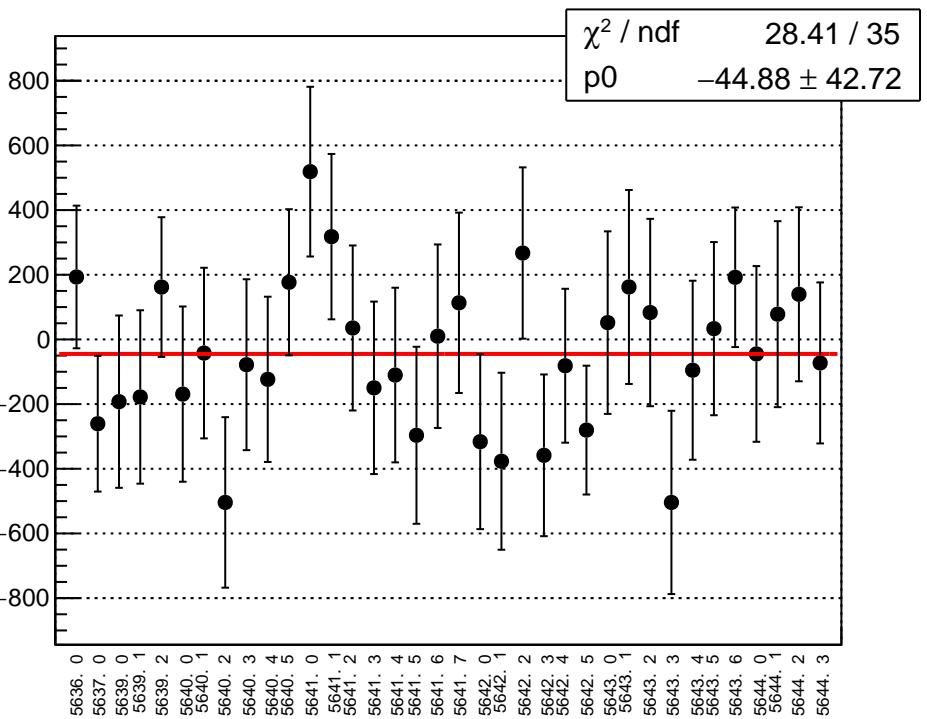
$\chi^2 / \text{ndf}$  5.193 / 35  
 $p0$   $31.84 \pm 340.7$



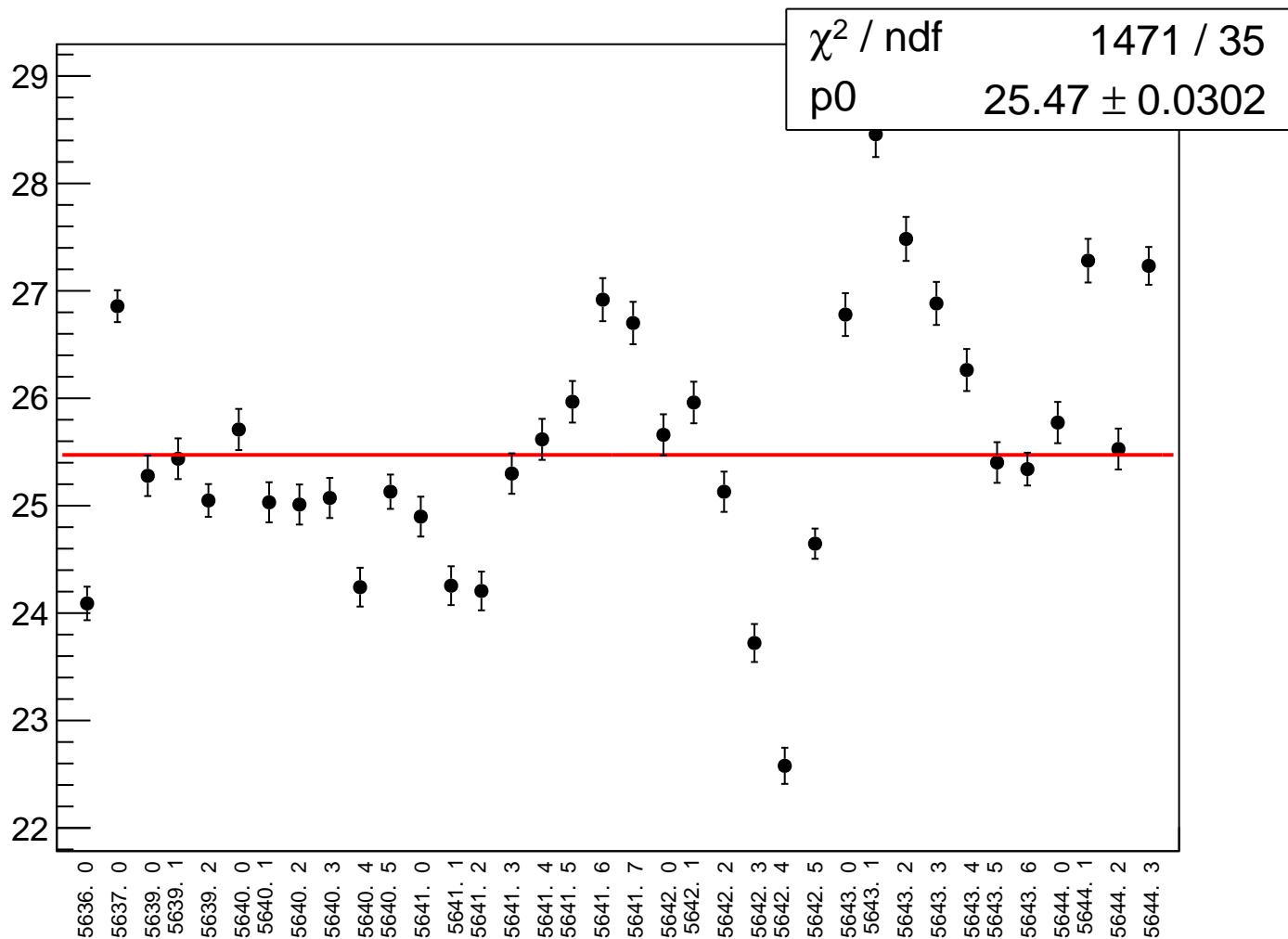
# asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_avg\_rms vs run



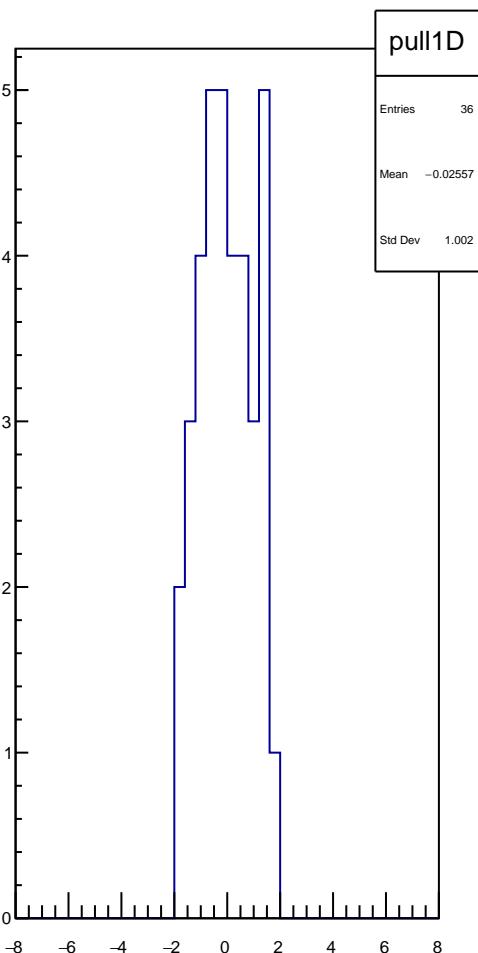
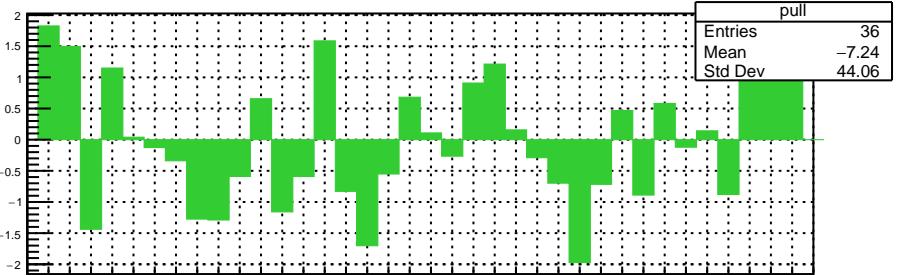
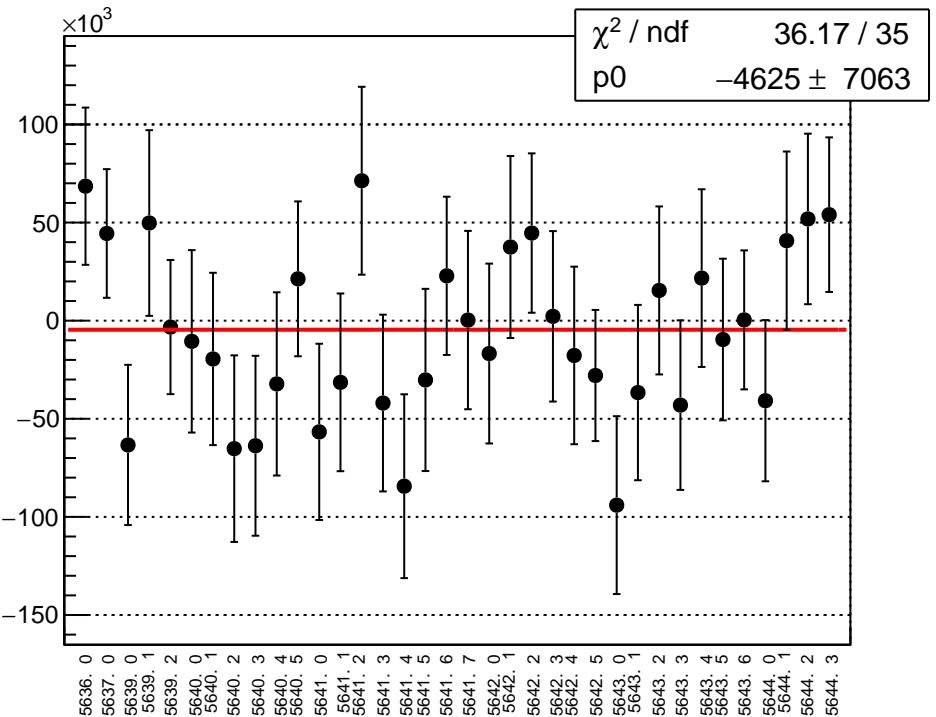
# asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_dd\_mean vs run



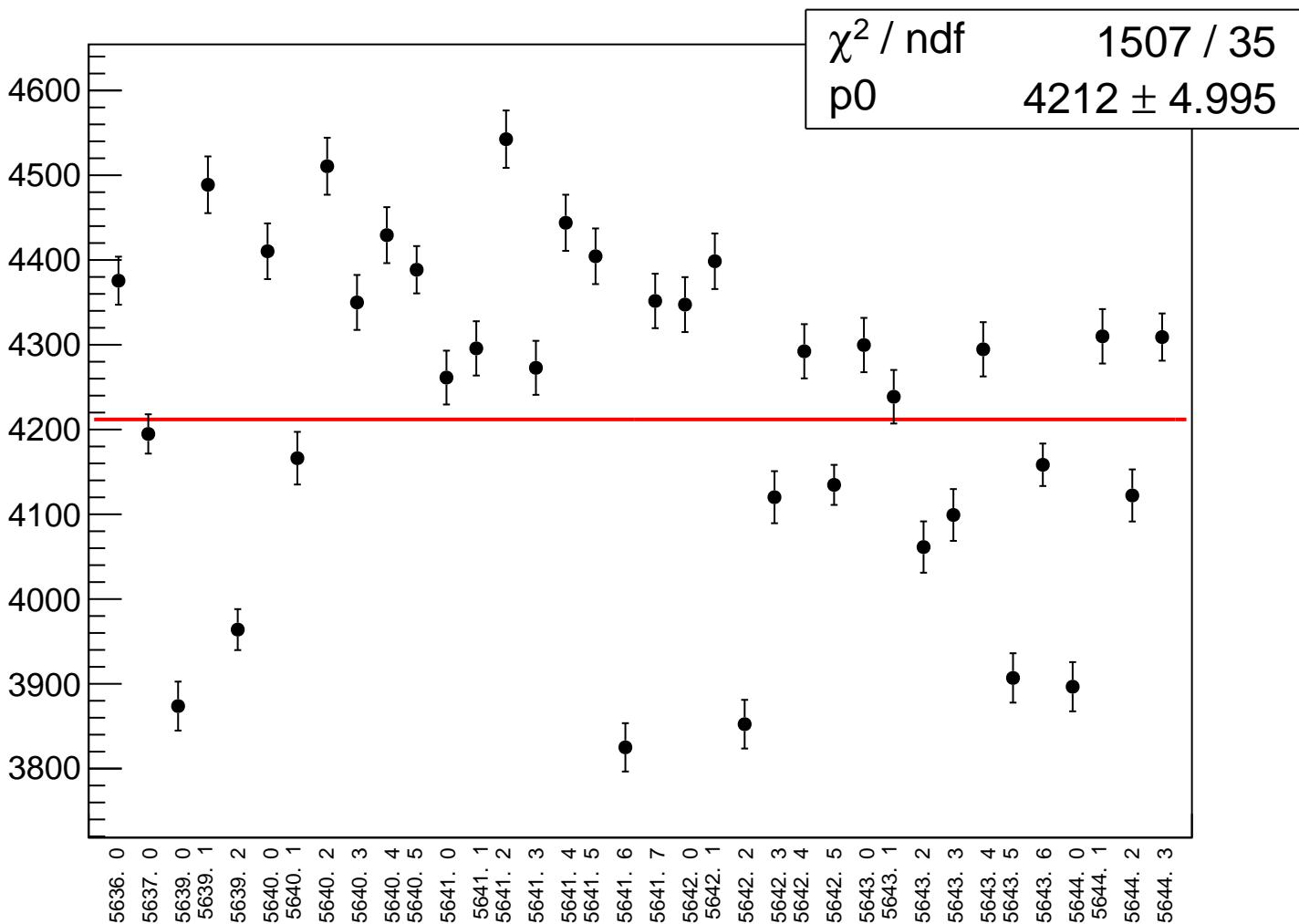
# asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_dd\_rms vs run



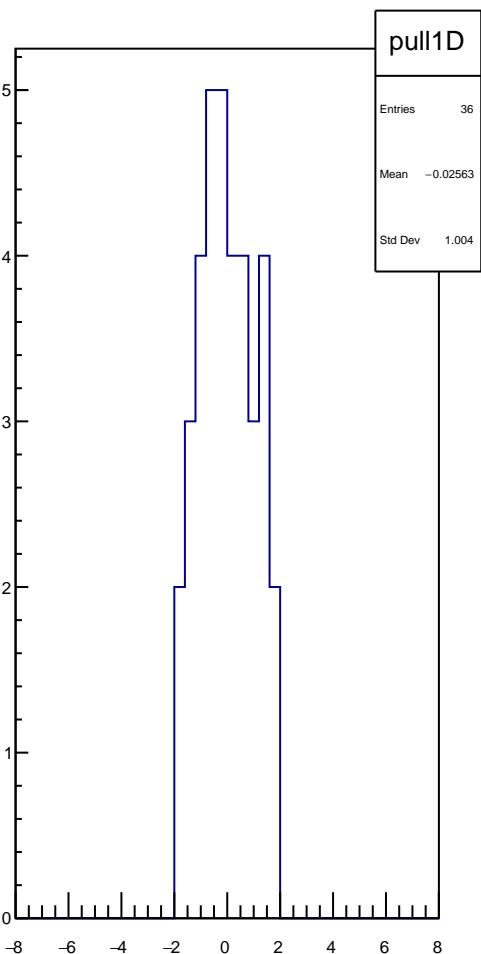
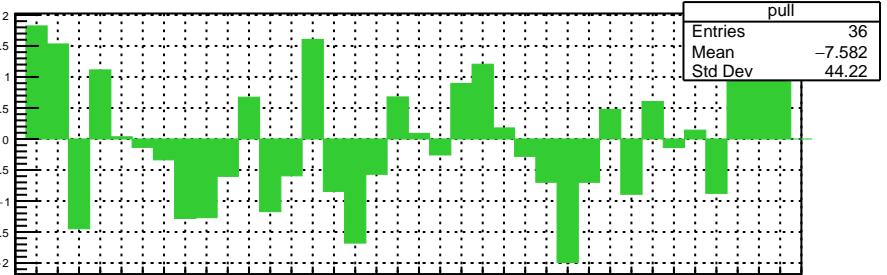
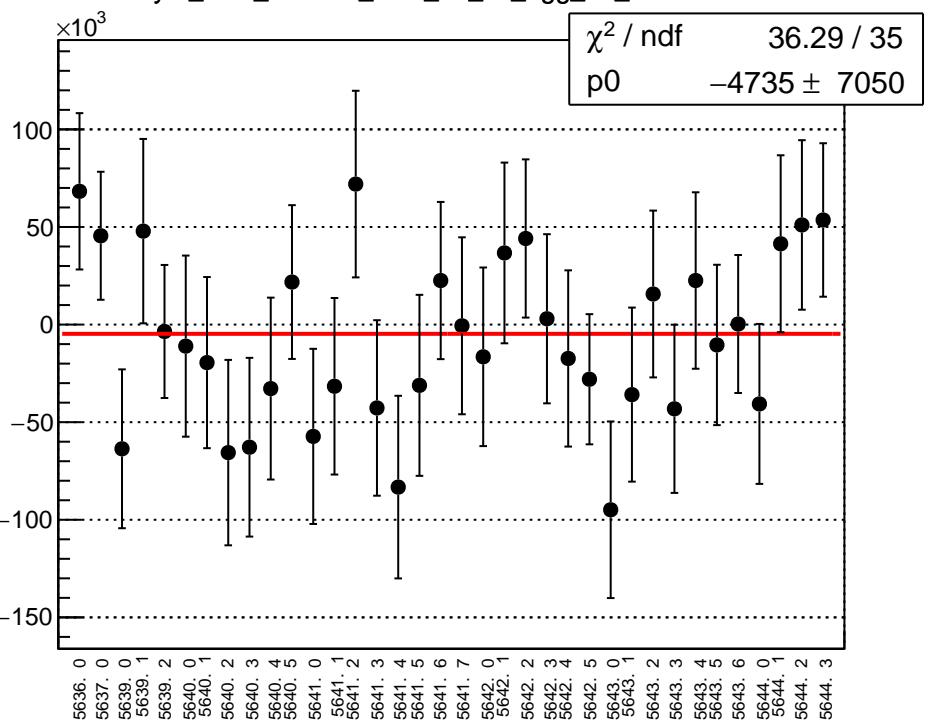
### asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_avg\_mean vs run



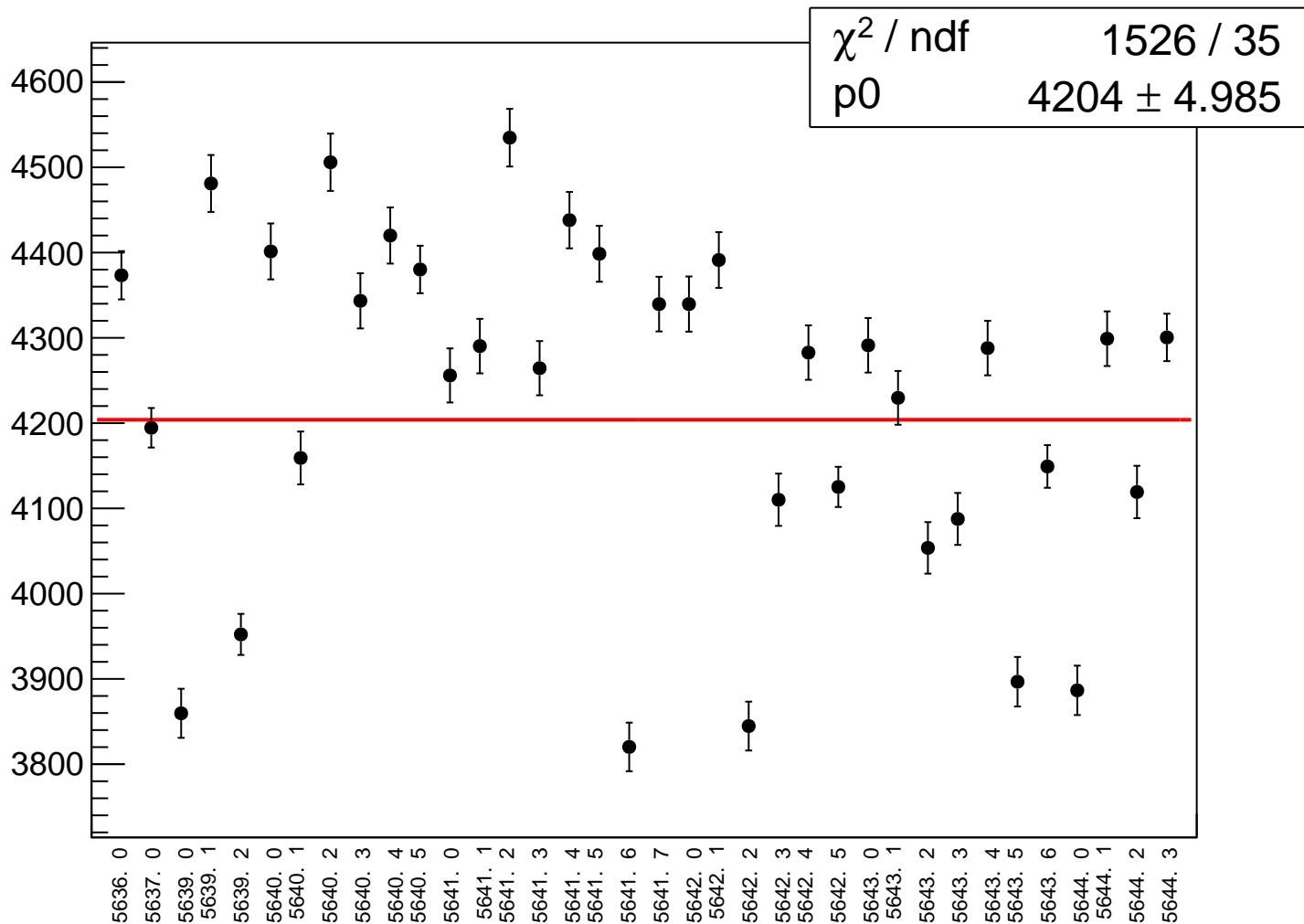
# asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_avg\_rms vs run



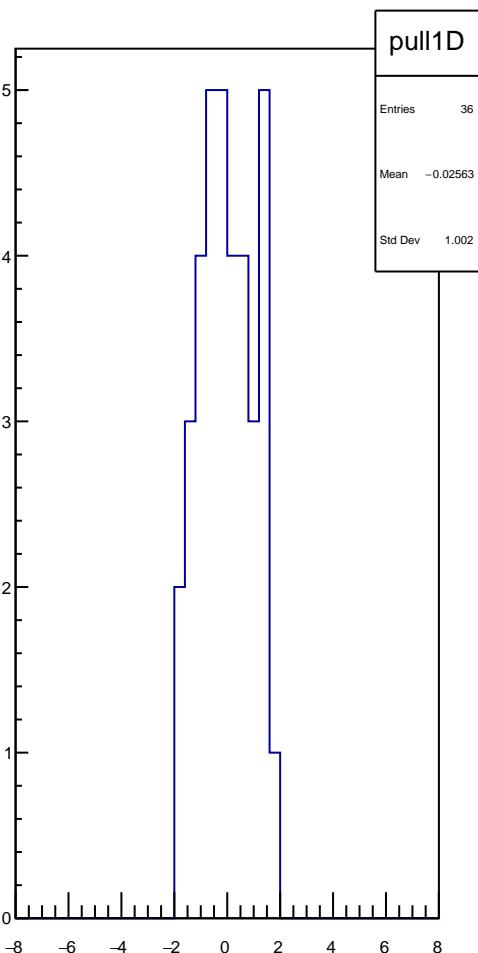
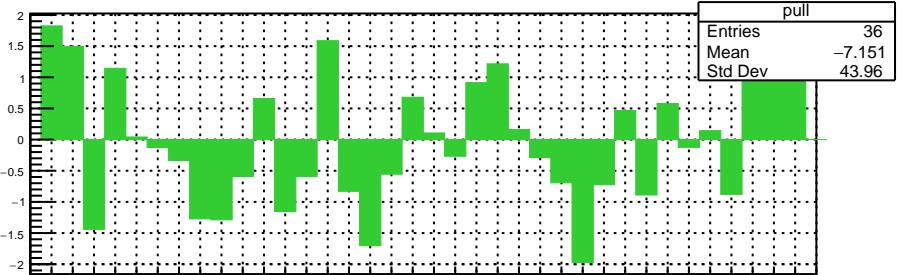
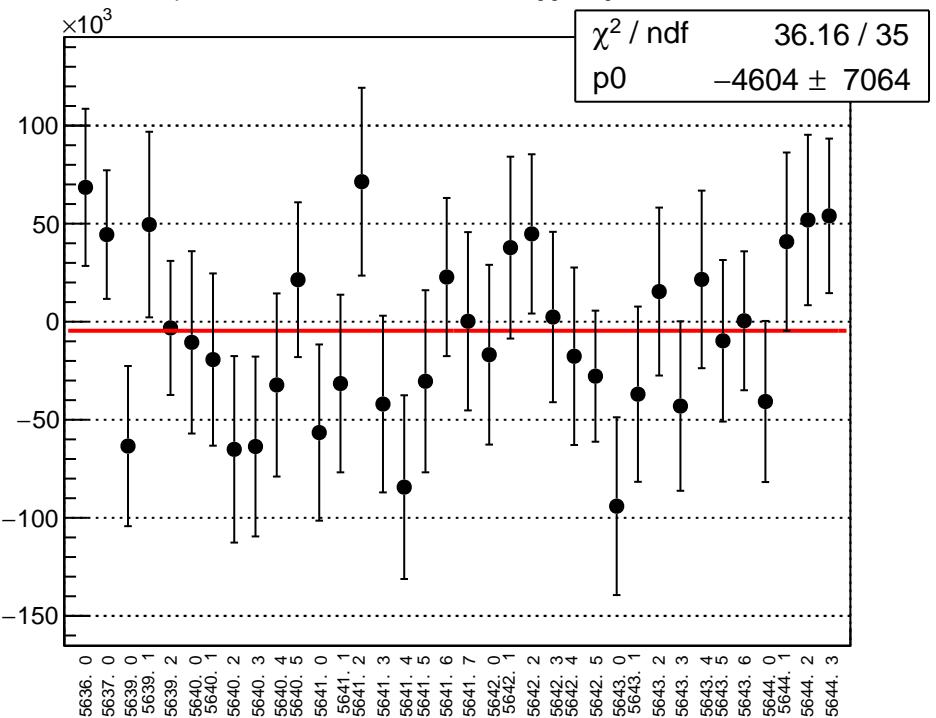
### asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_dd\_mean vs run



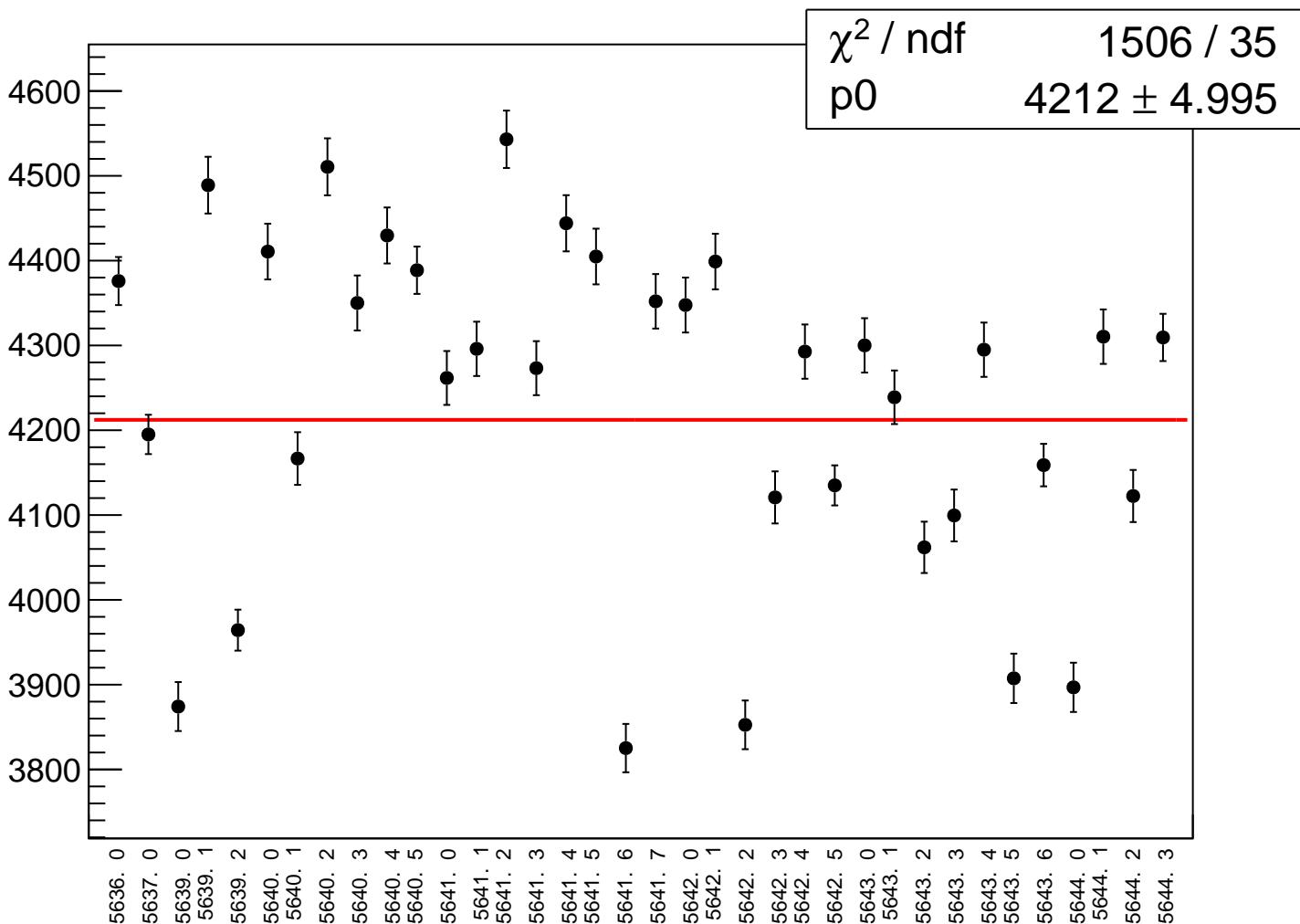
# asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_dd\_rms vs run



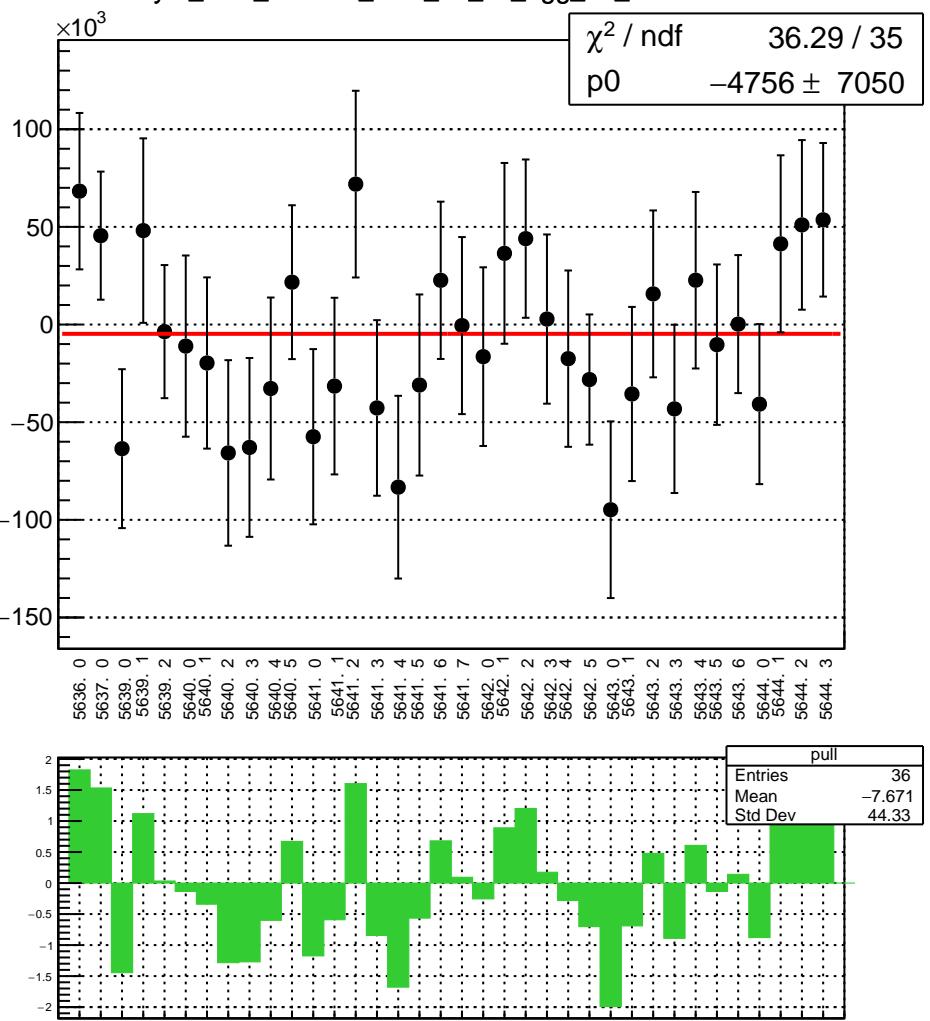
### asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_avg\_mean vs run



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



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

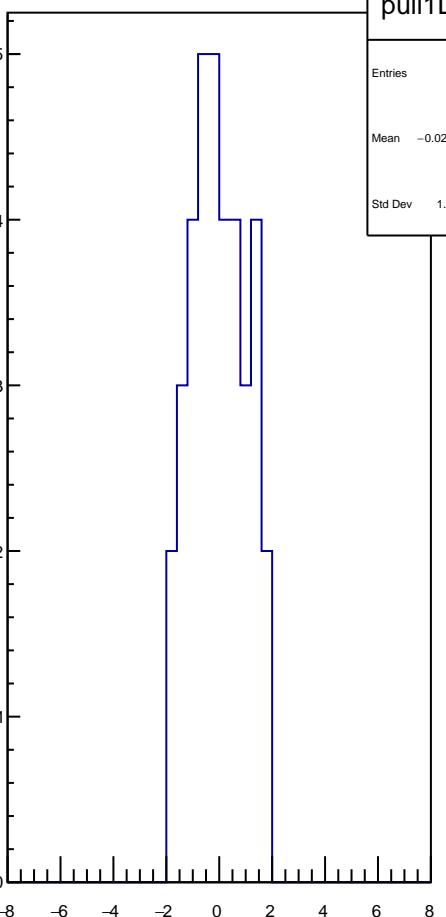


pull1D

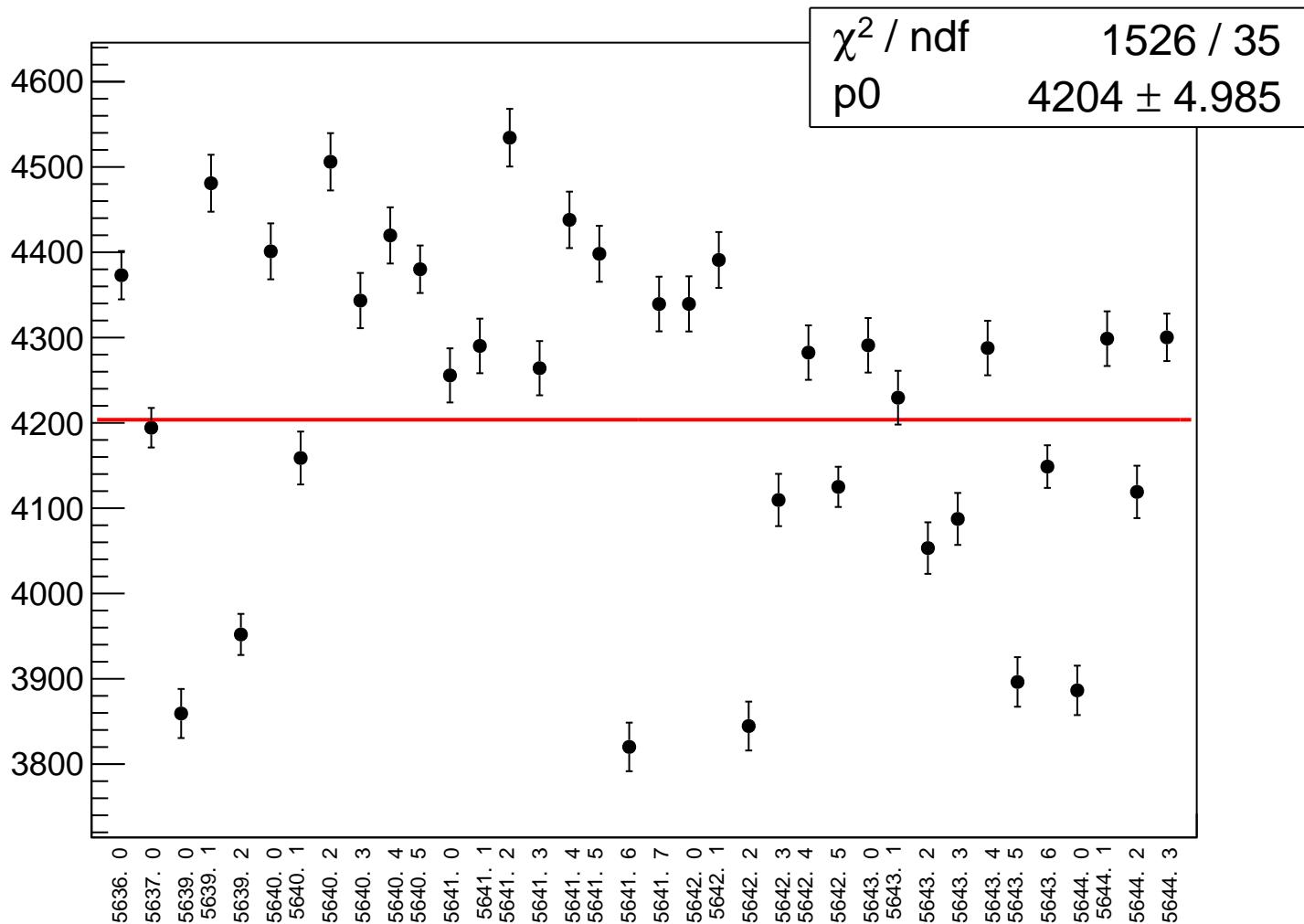
Entries 36

Mean -0.02557

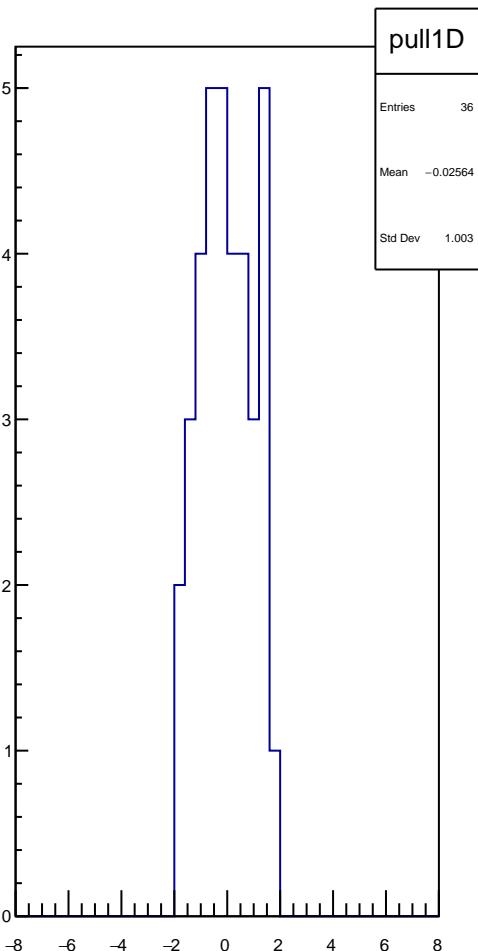
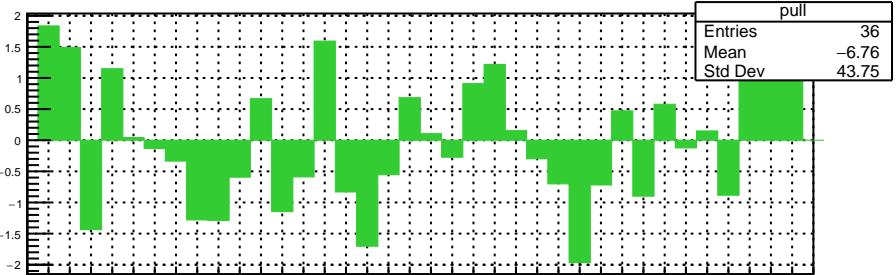
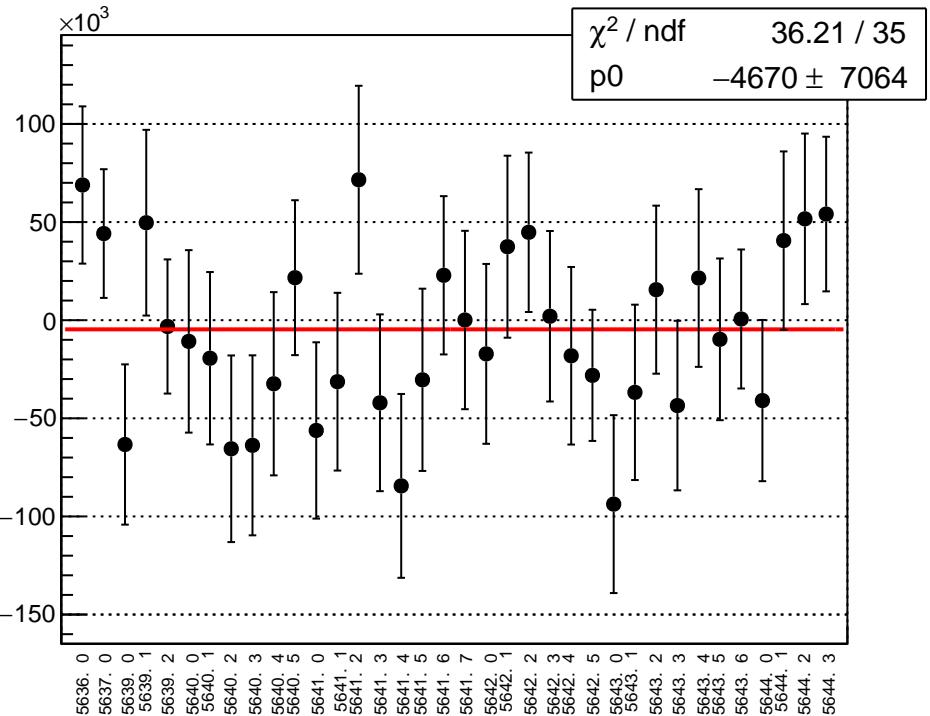
Std Dev 1.004



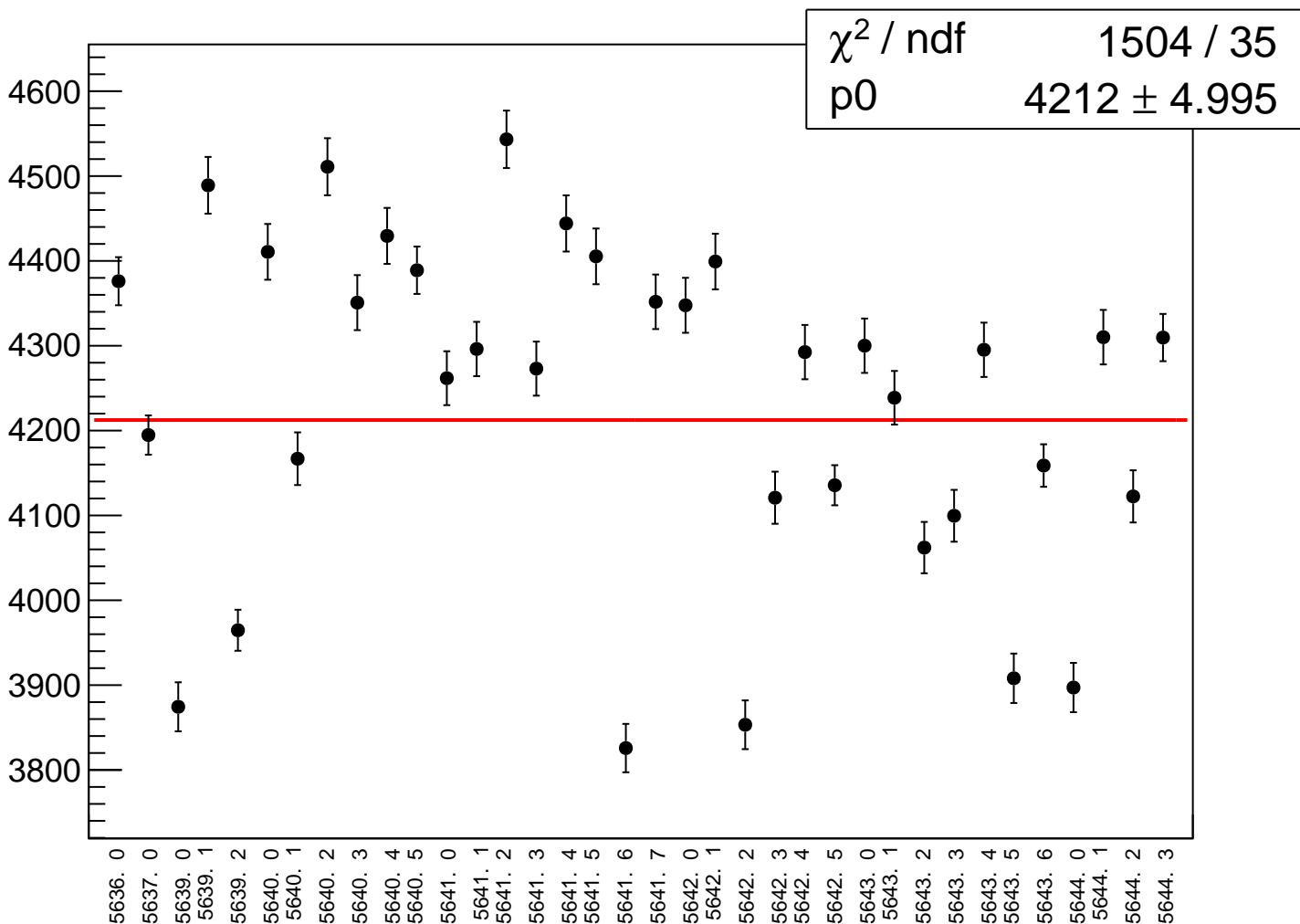
# asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_dd\_rms vs run



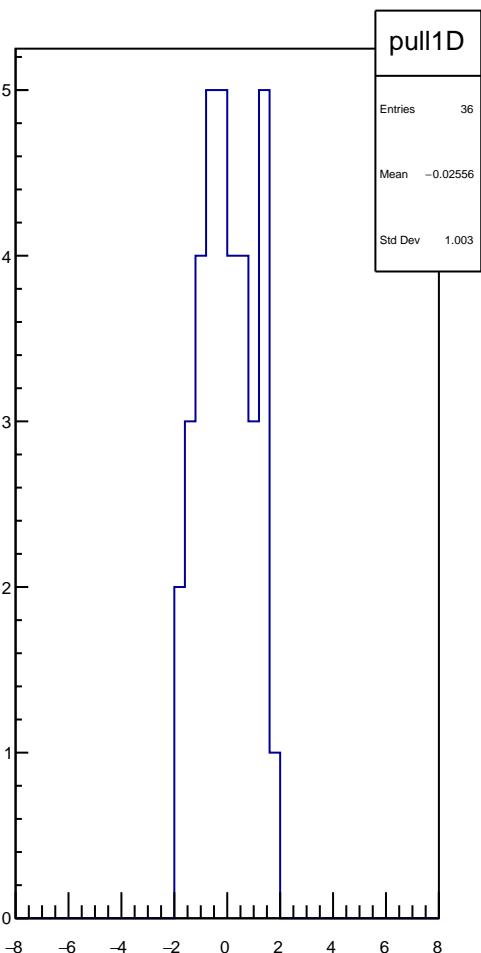
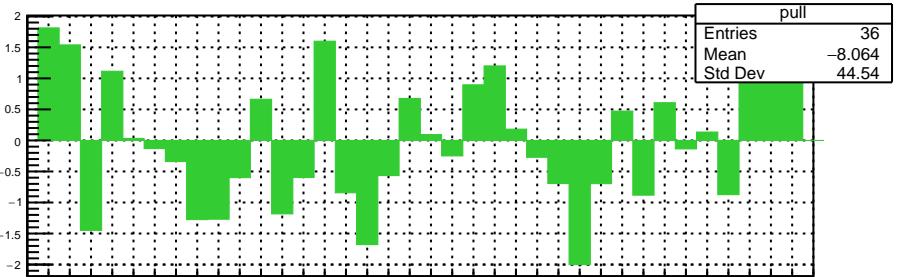
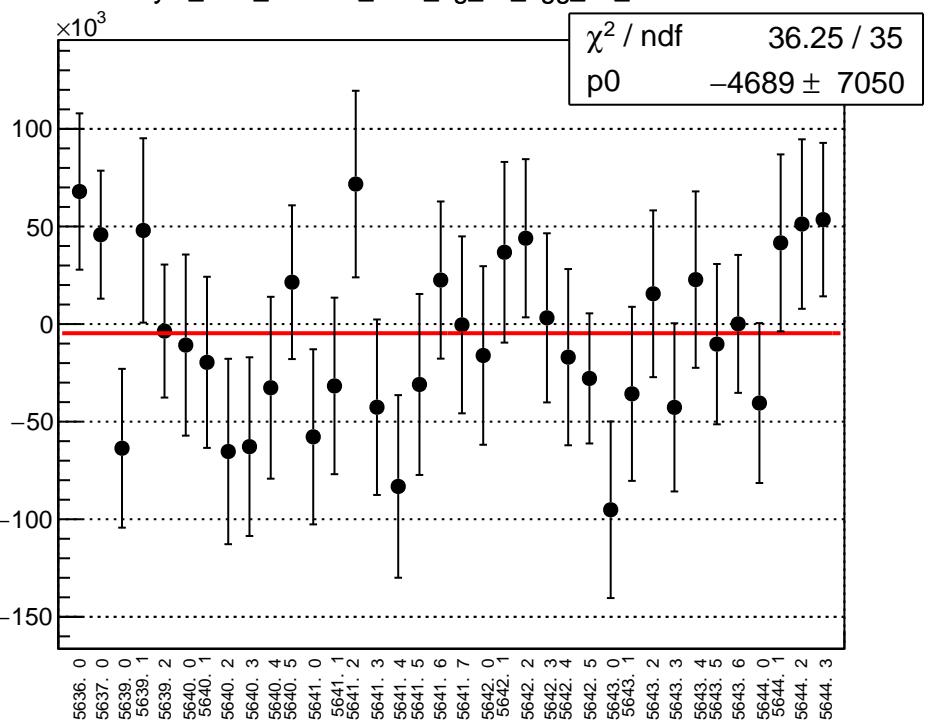
### asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_avg\_mean vs run



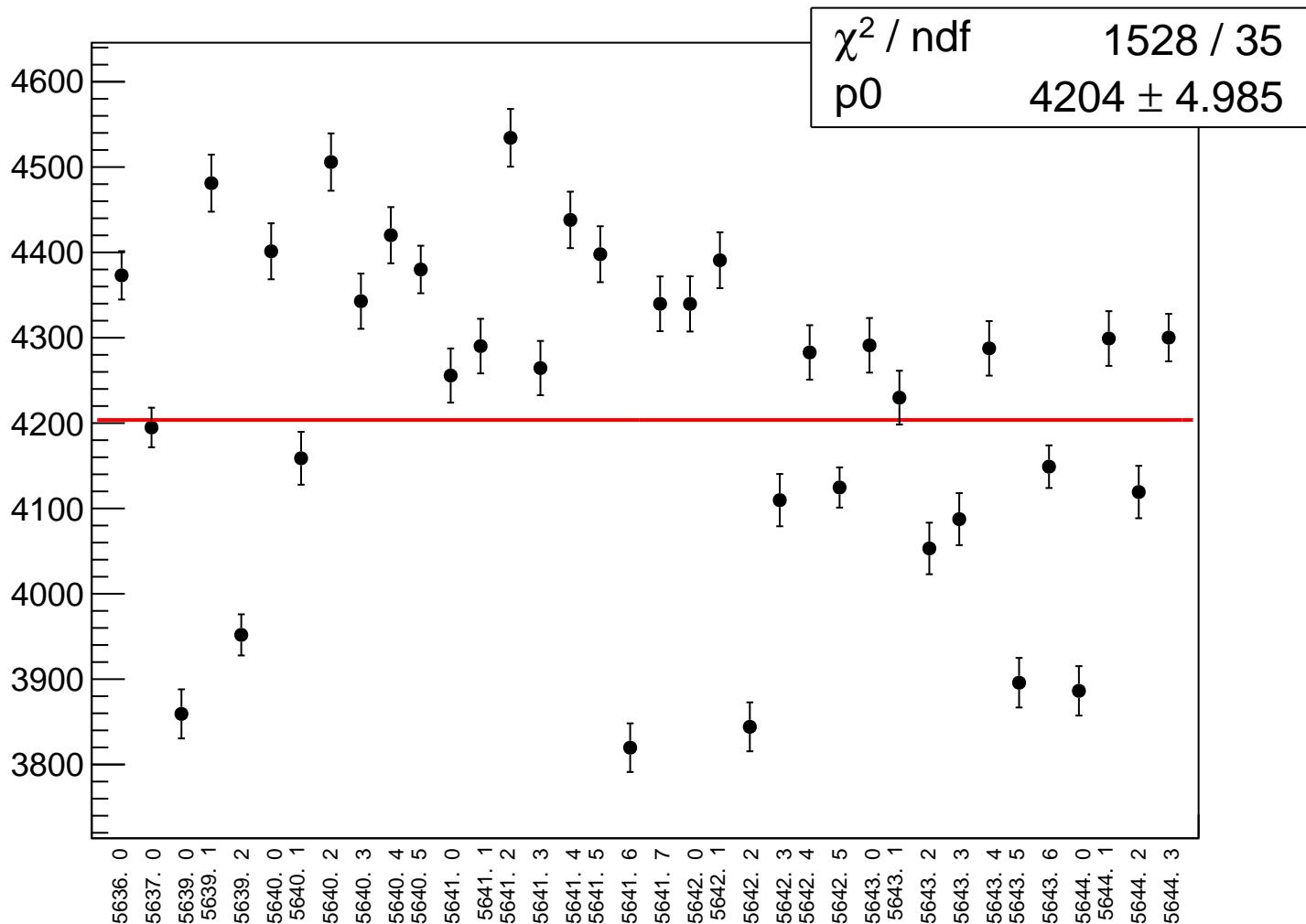
# asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_avg\_rms vs run



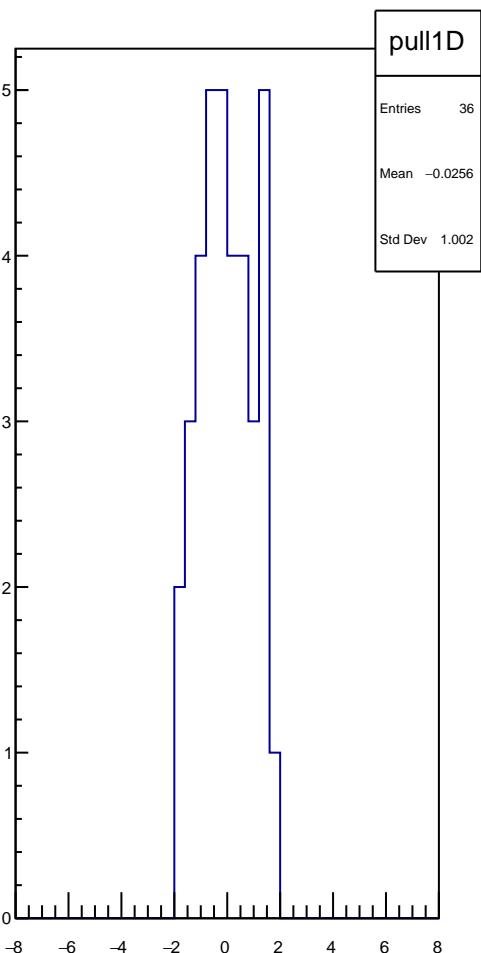
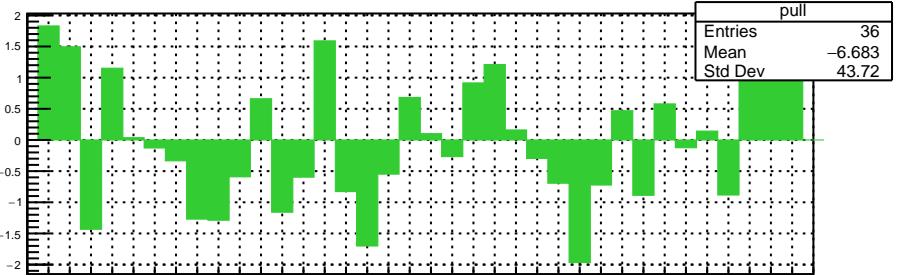
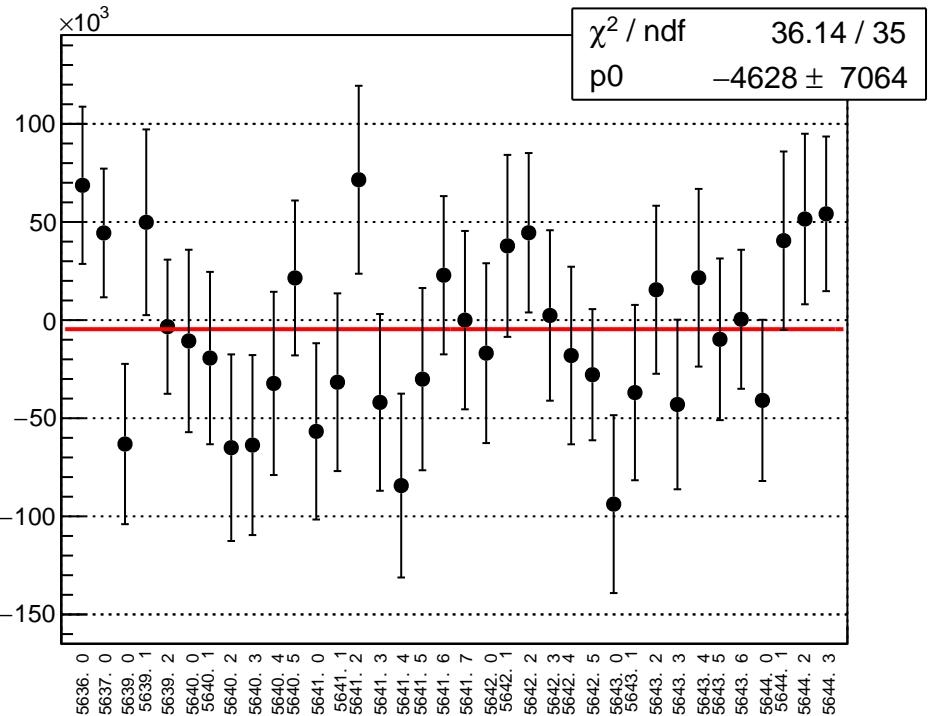
### asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_dd\_mean vs run



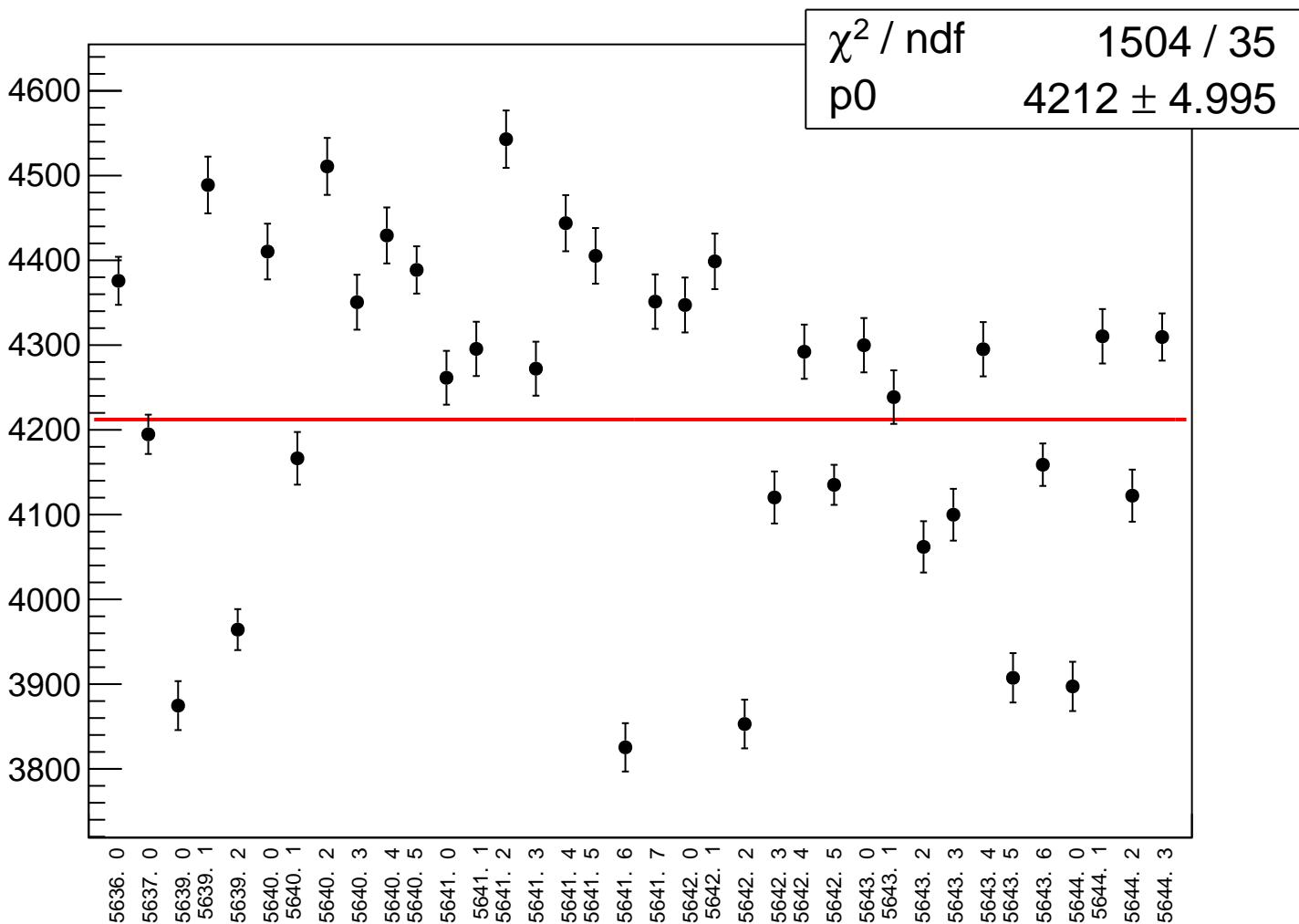
# asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_dd\_rms vs run



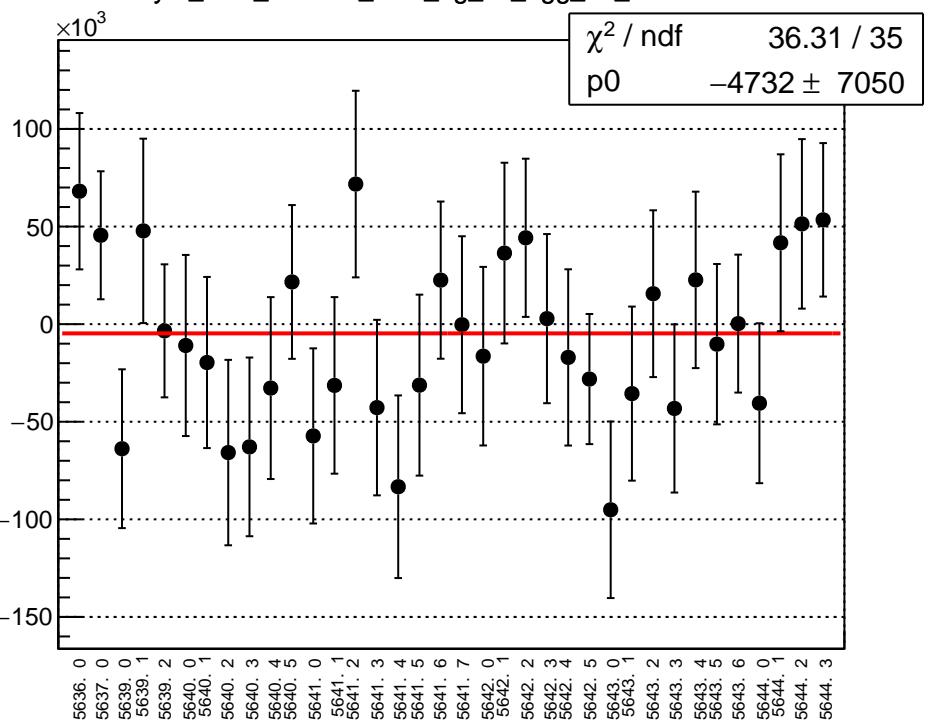
### asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_avg\_mean vs run



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



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

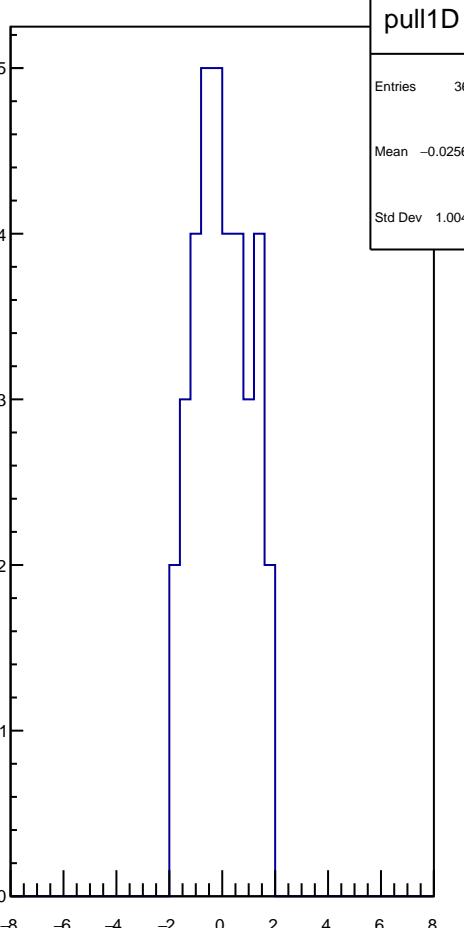
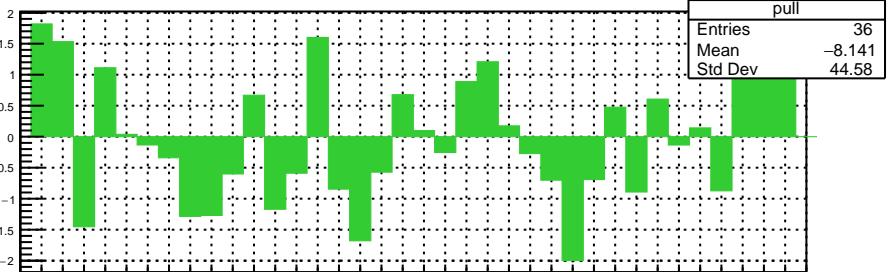


pull1D

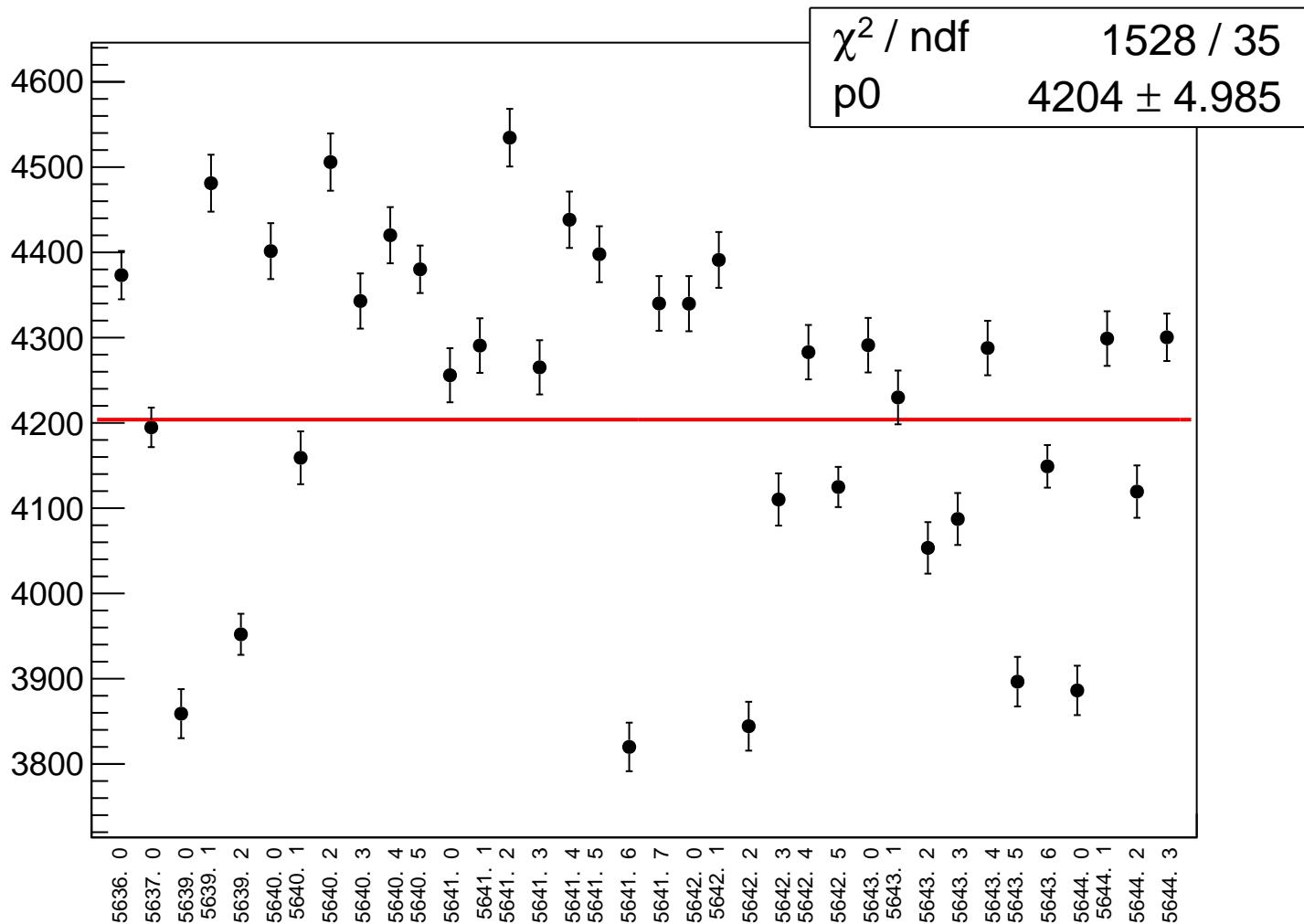
Entries 36

Mean -0.0256

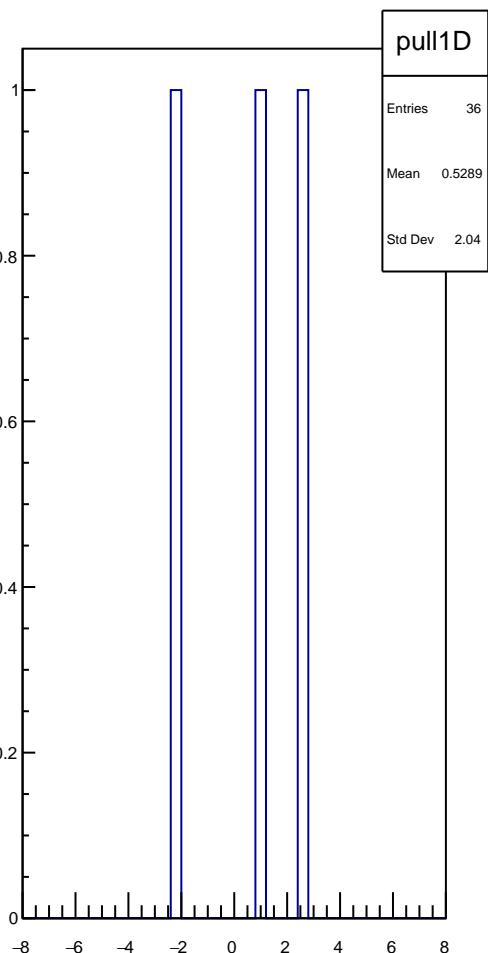
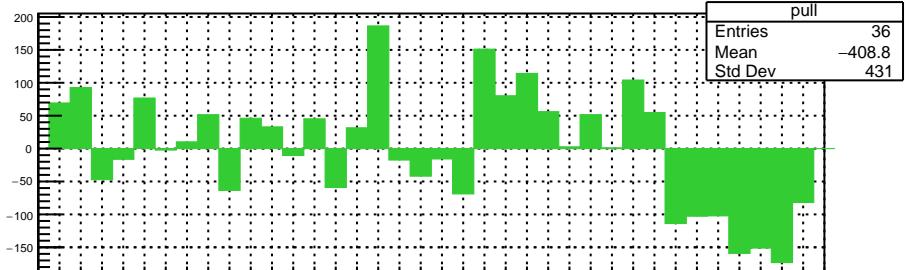
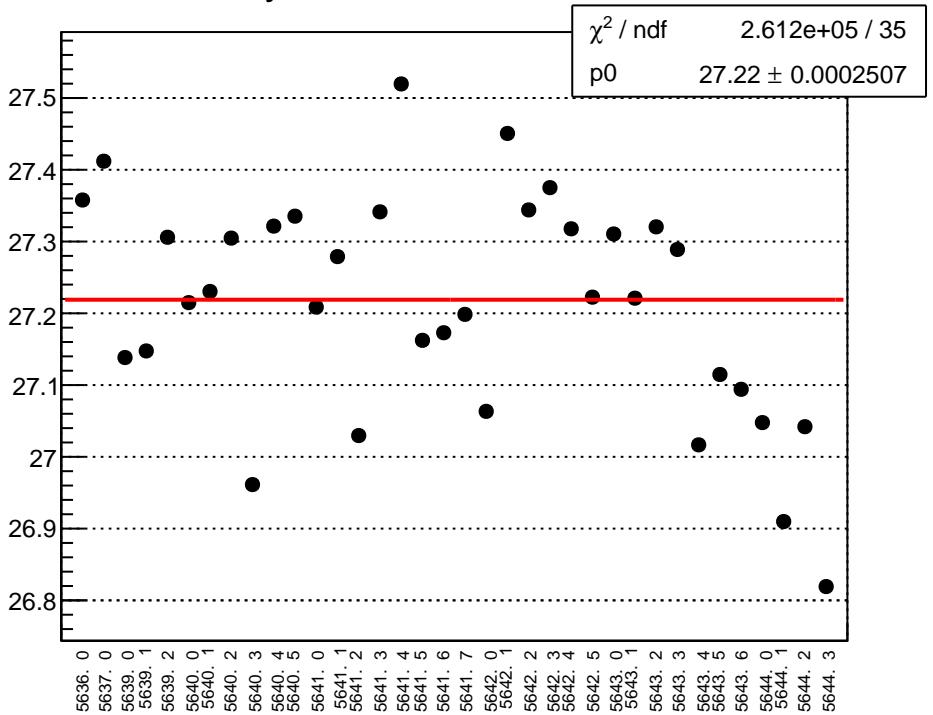
Std Dev 1.004



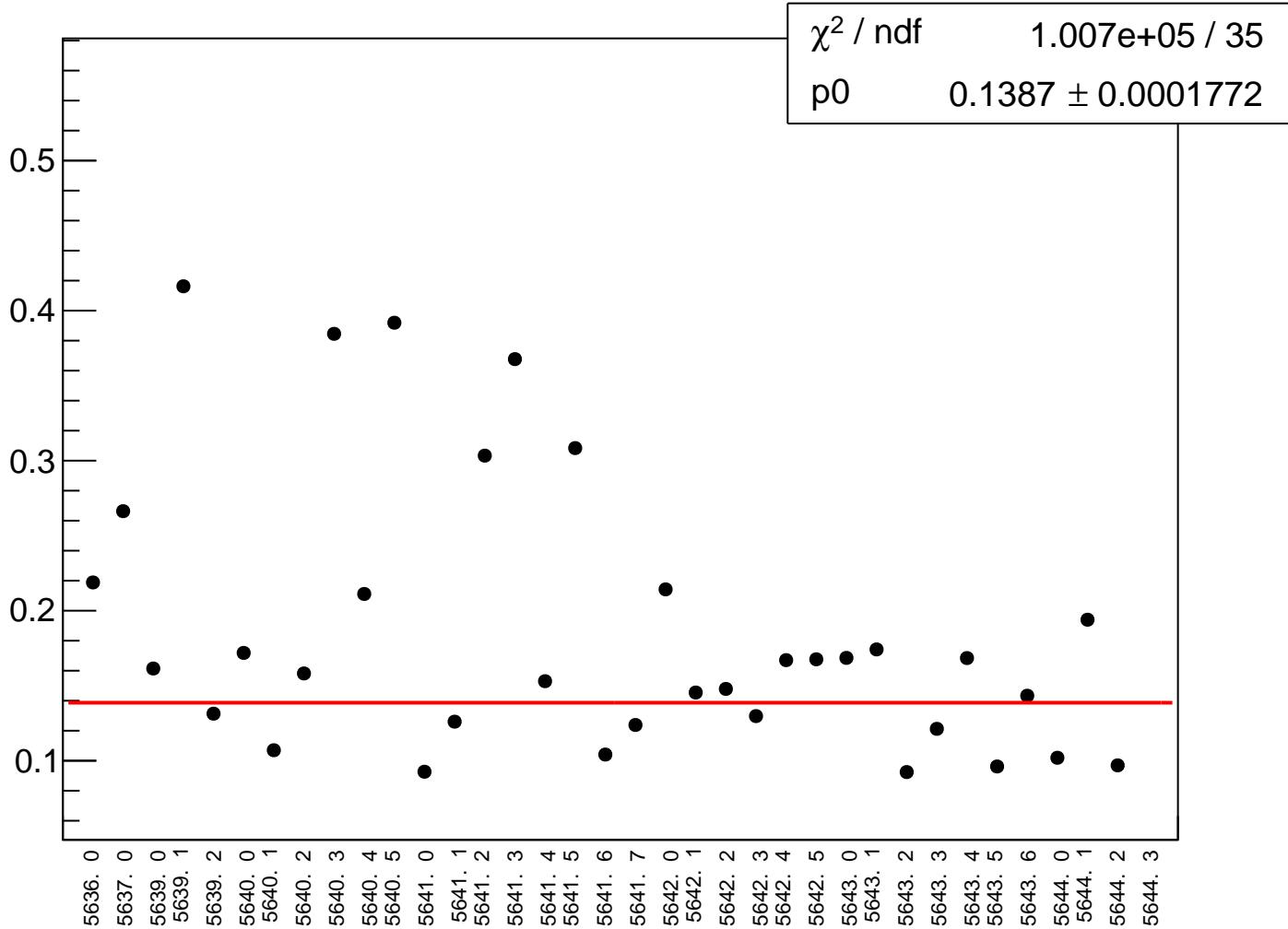
# asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_dd\_rms vs run



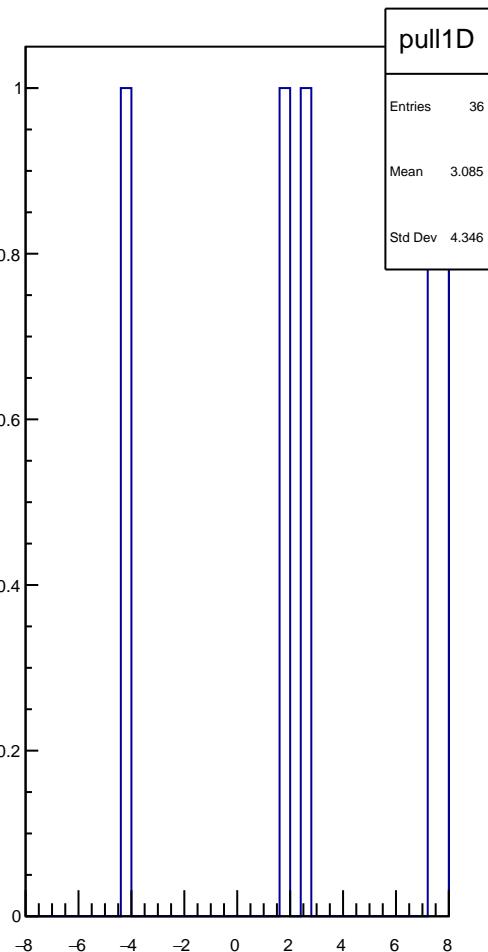
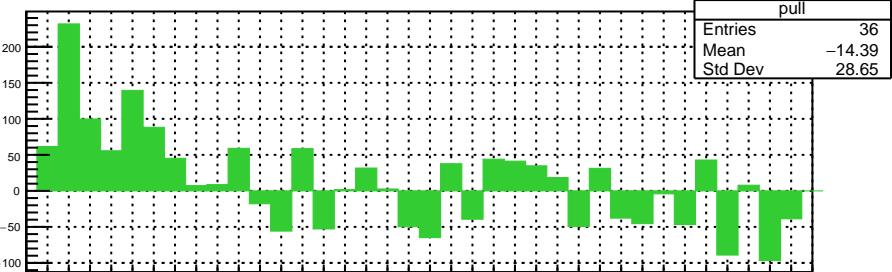
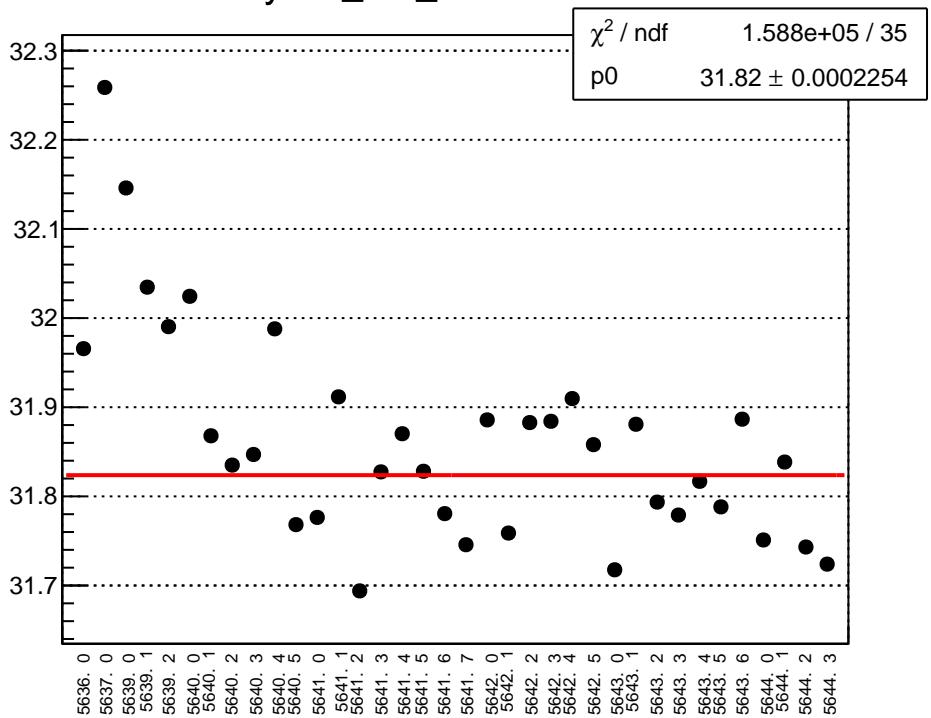
# yield\_usl\_mean vs run



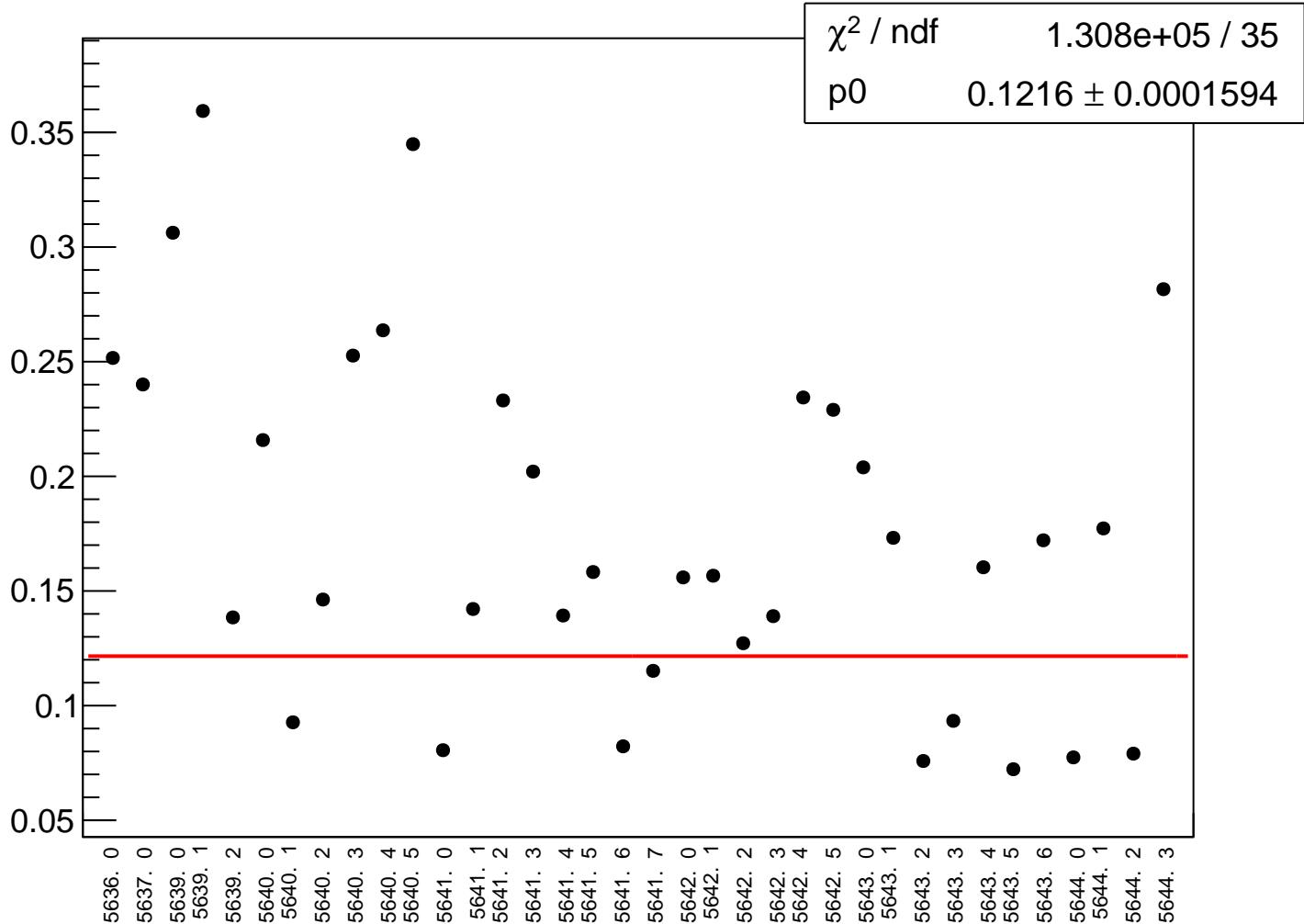
# yield\_usl\_rms vs run



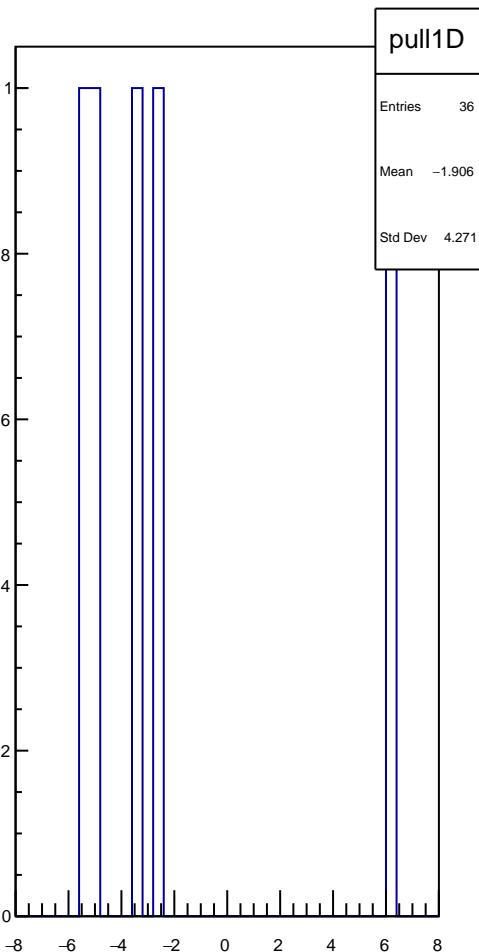
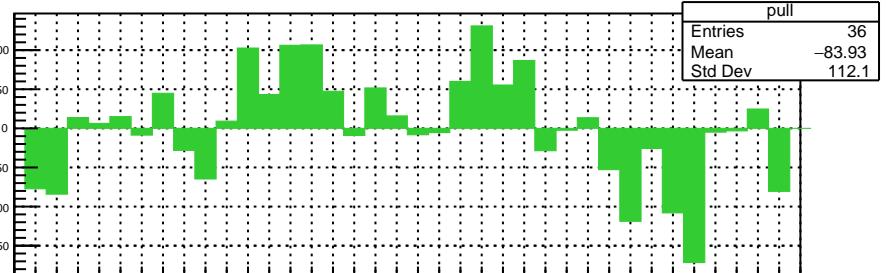
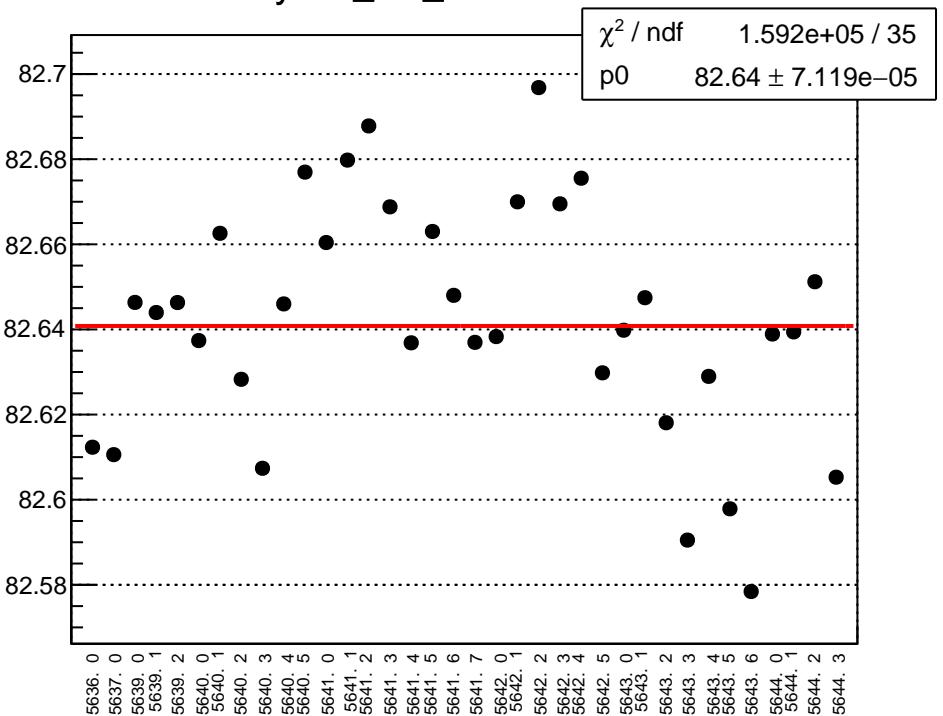
# yield\_usr\_mean vs run



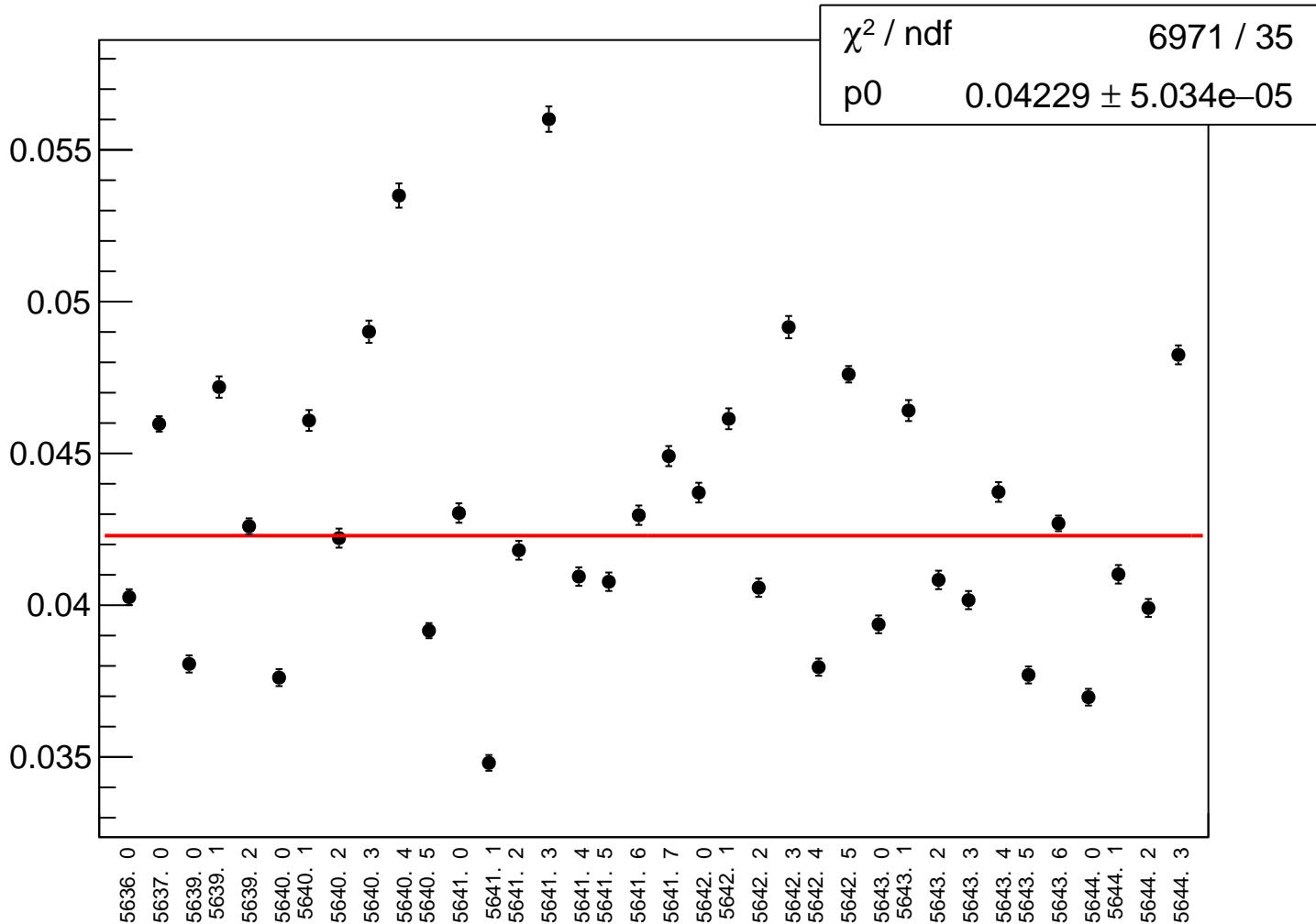
# yield\_usr\_rms vs run



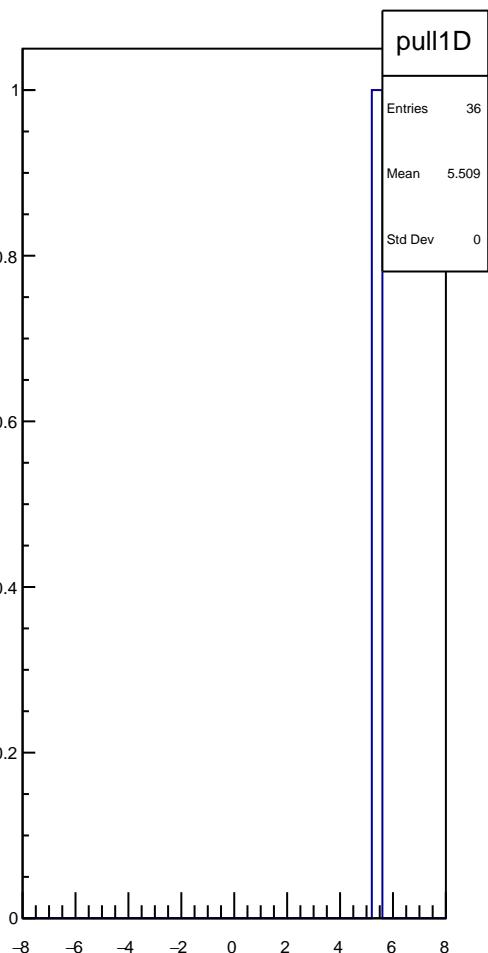
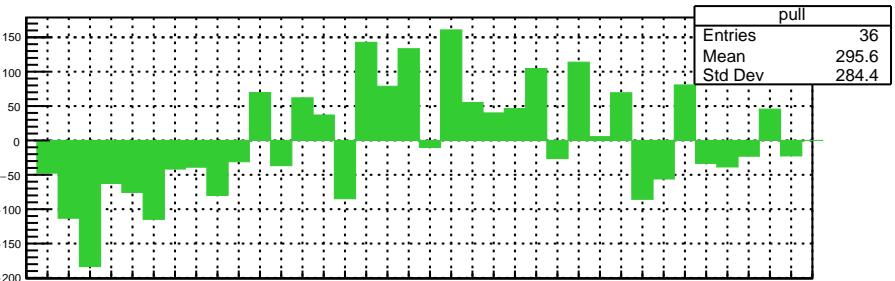
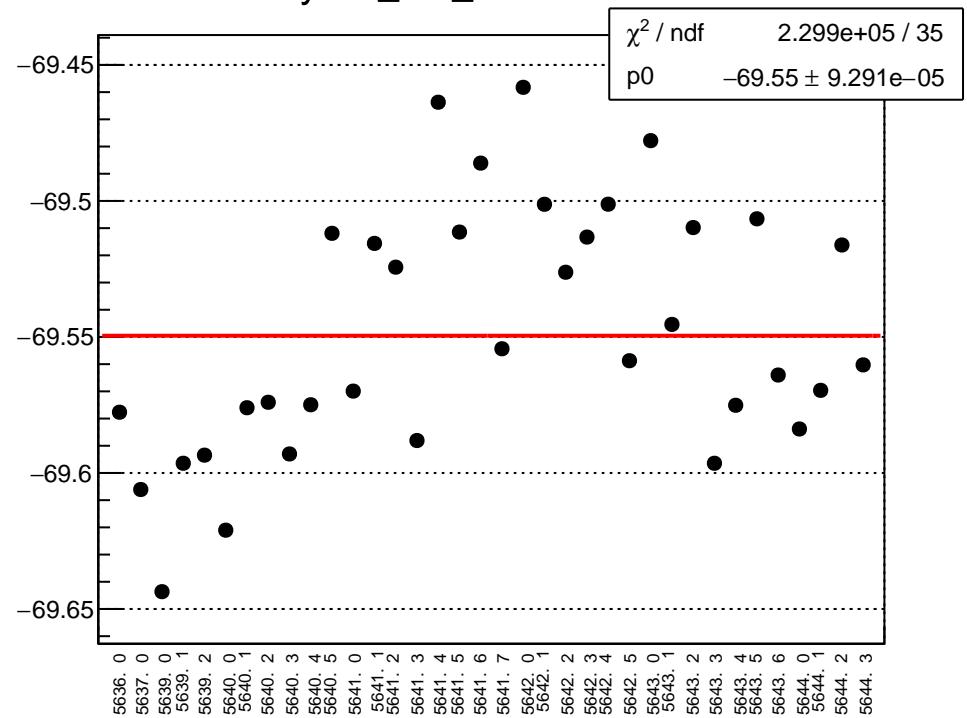
# yield\_dsl\_mean vs run



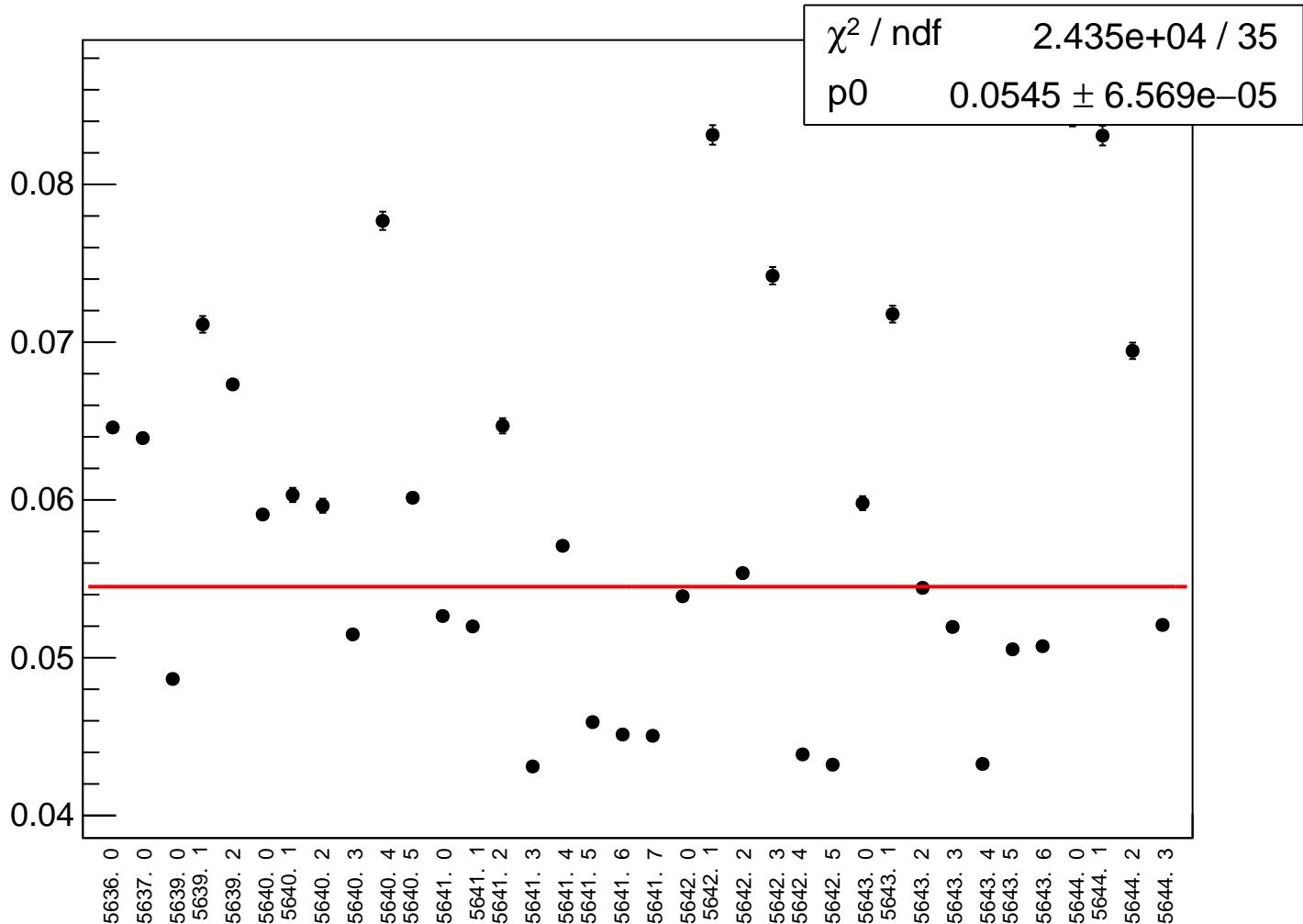
# yield\_dsl\_rms vs run



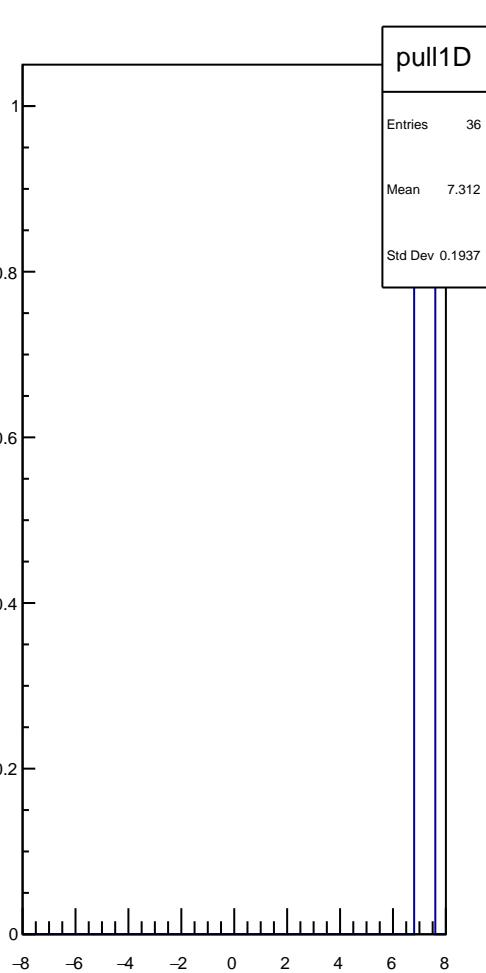
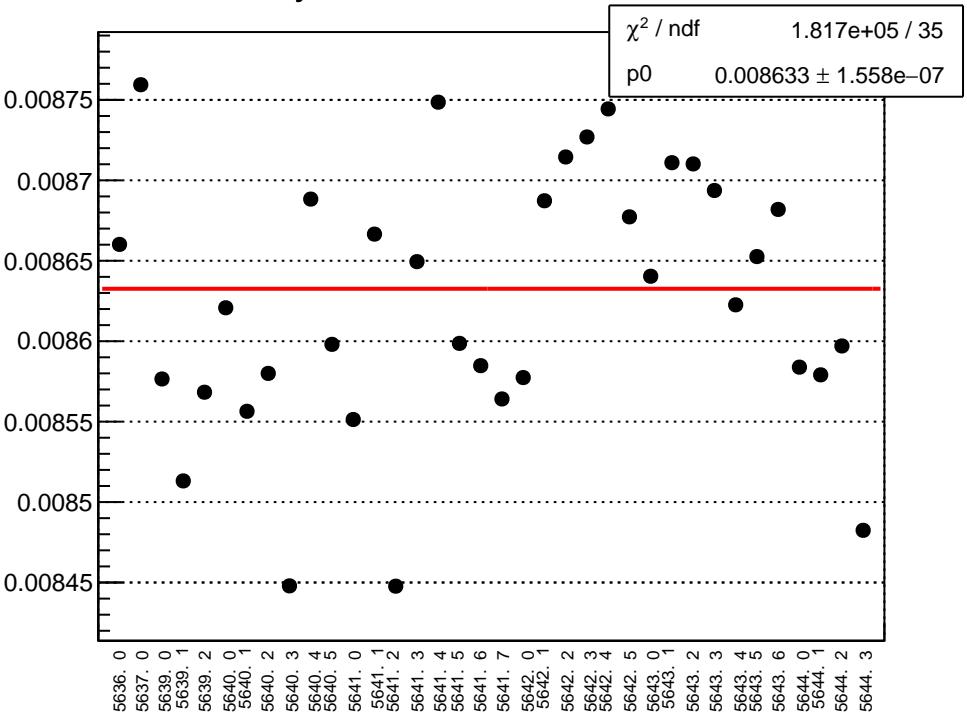
# yield\_dsr\_mean vs run



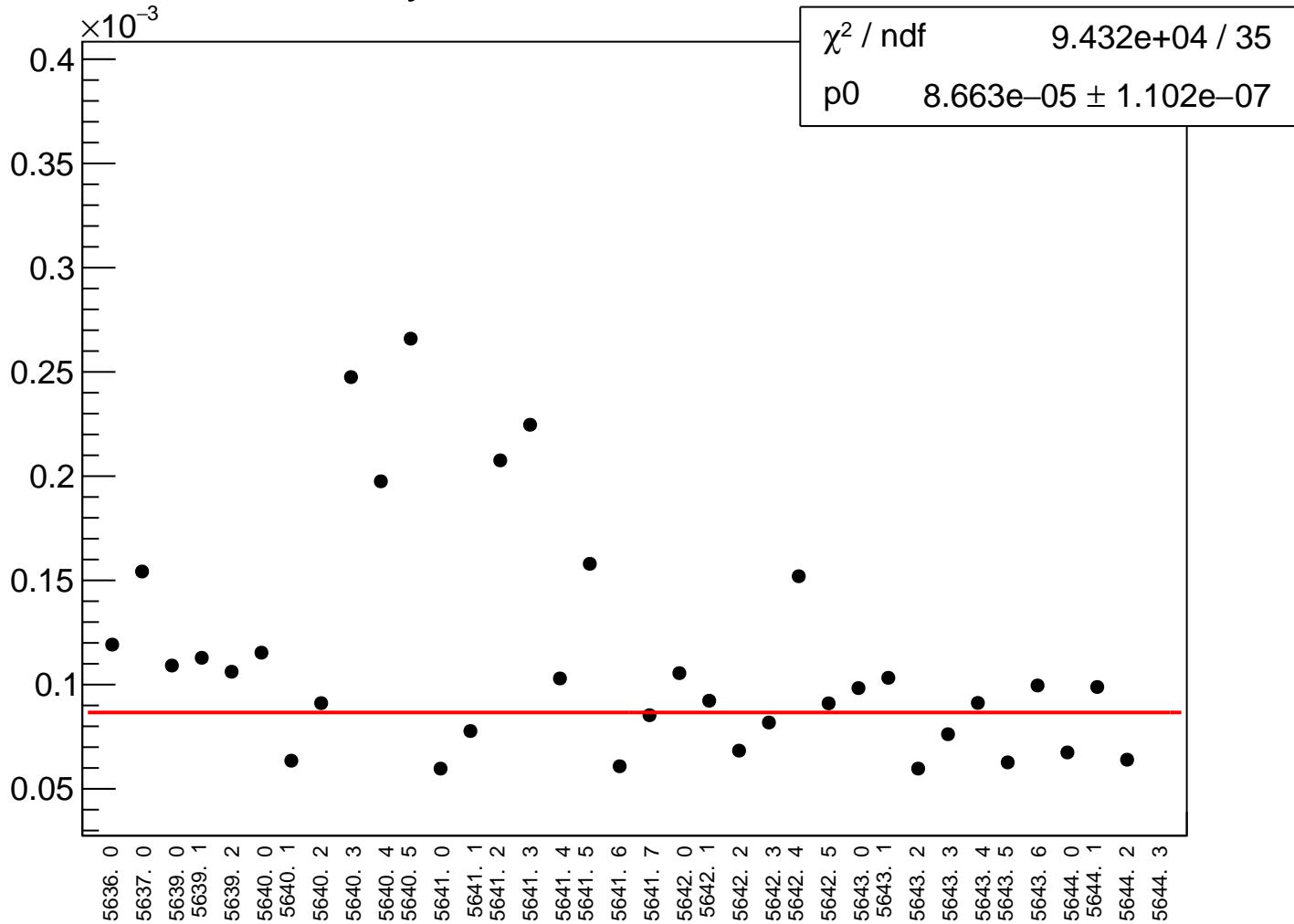
# yield\_dsr\_rms vs run



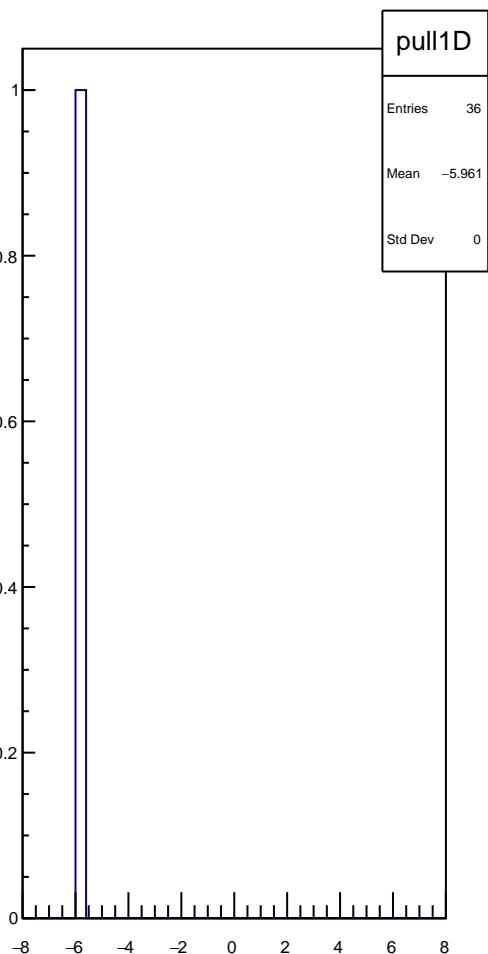
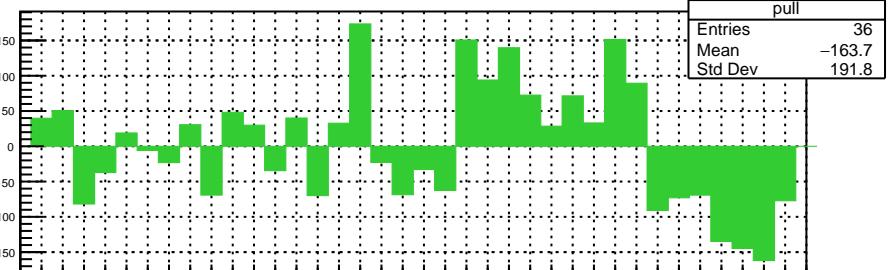
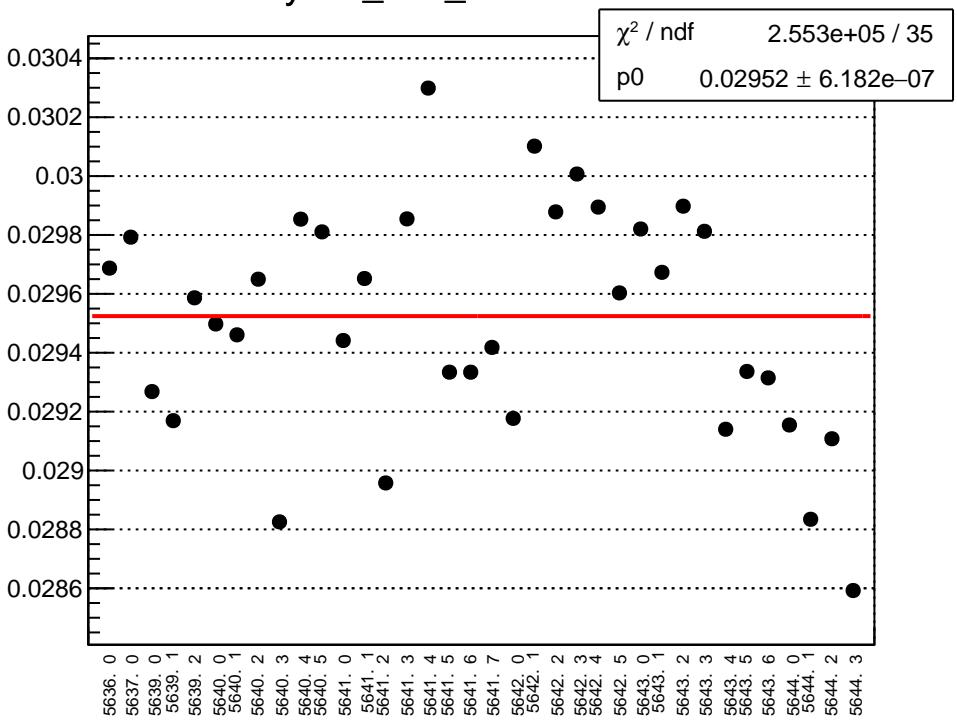
# yield\_atl1\_mean vs run



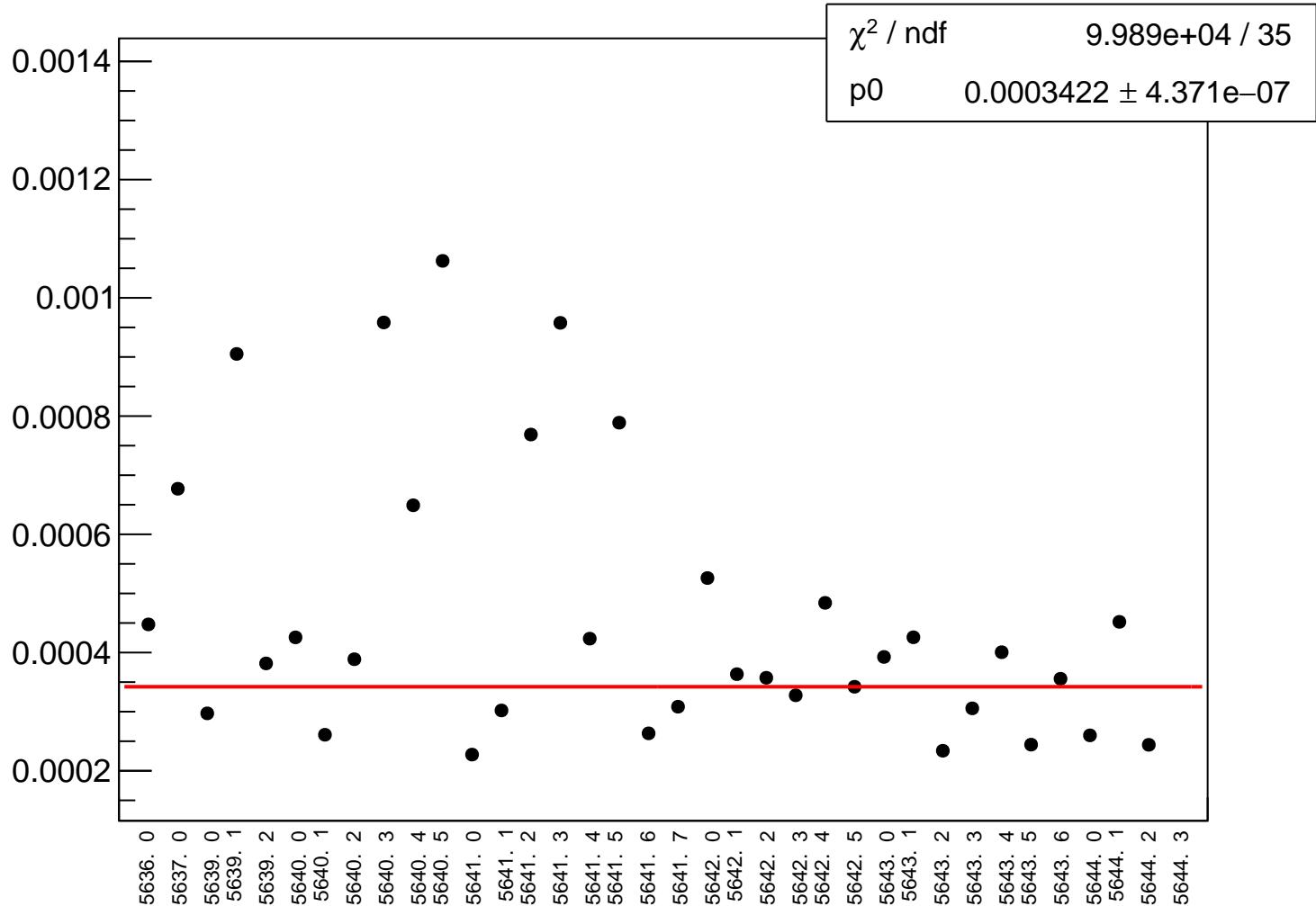
# yield\_atl1\_rms vs run



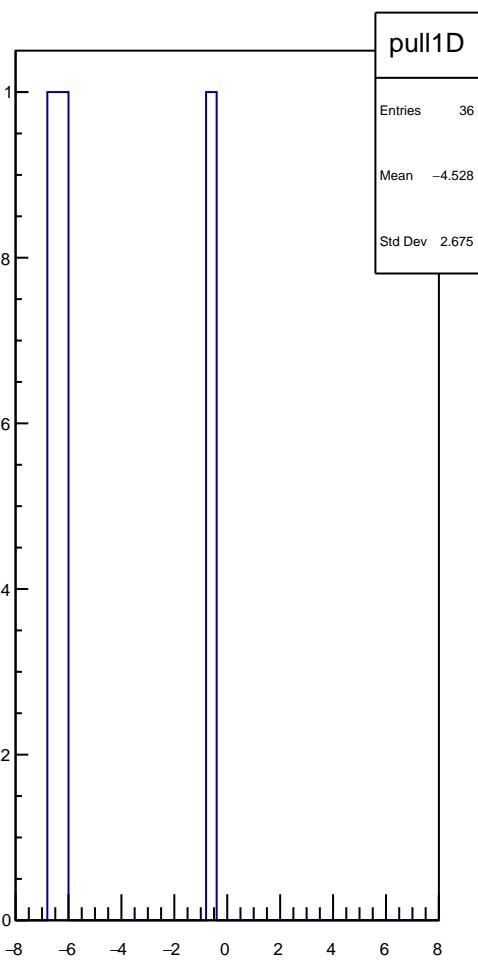
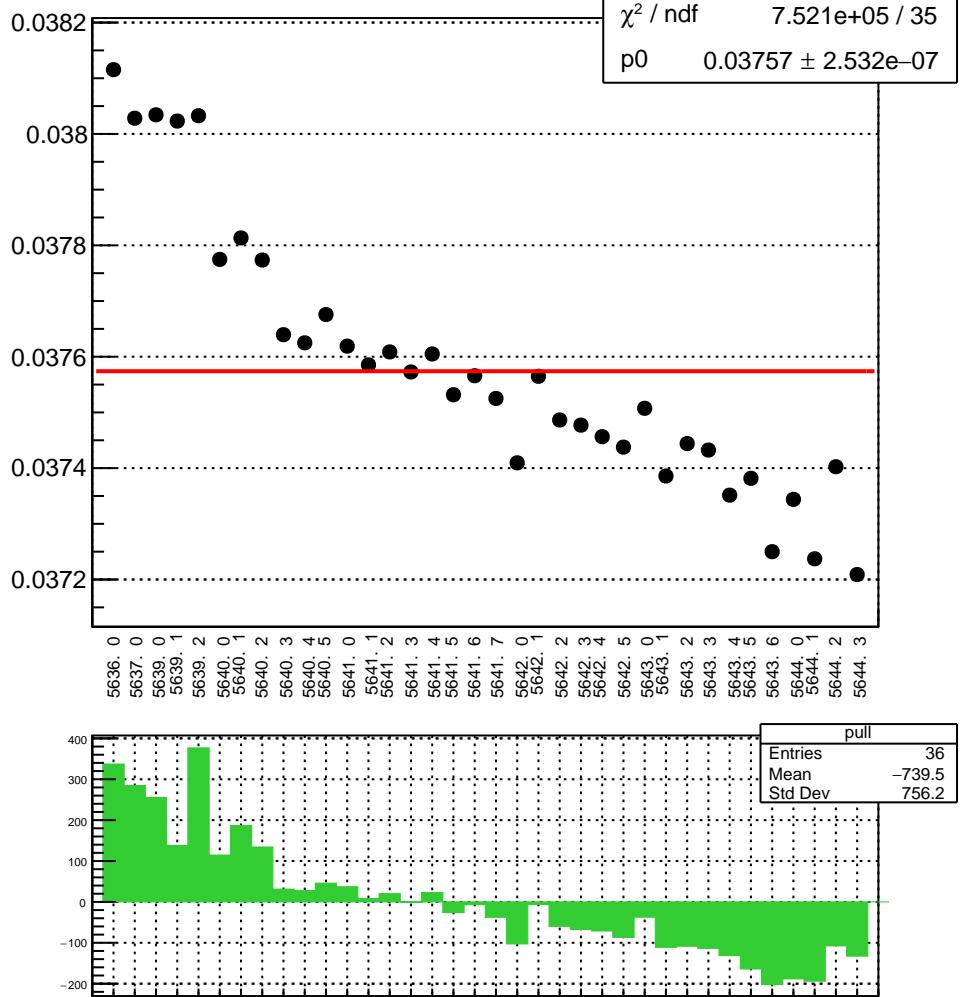
# yield\_atl2\_mean vs run



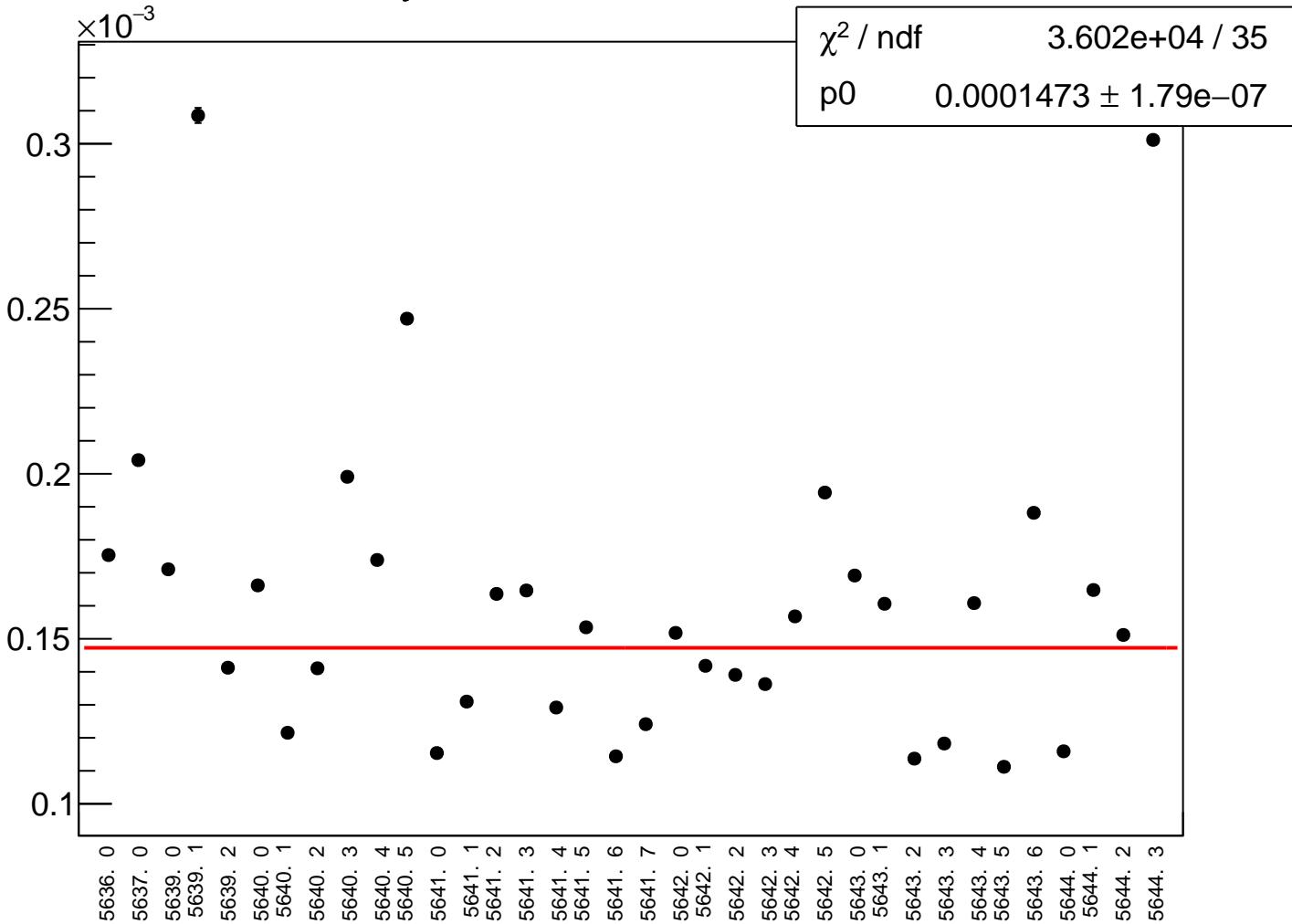
# yield\_atl2\_rms vs run



# yield\_atr1\_mean vs run

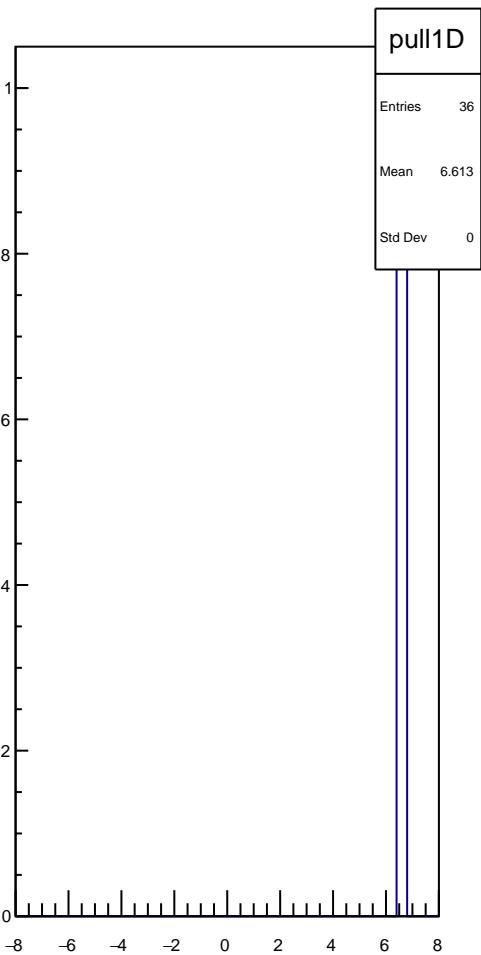
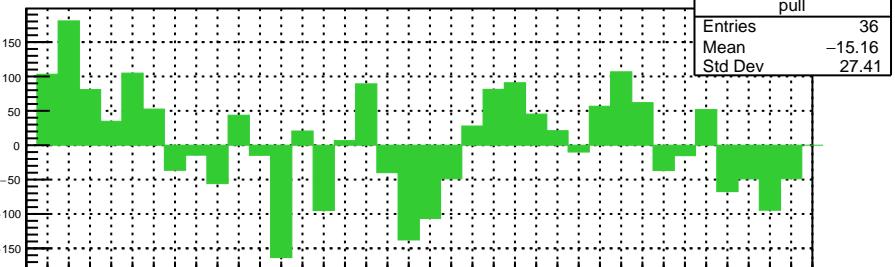
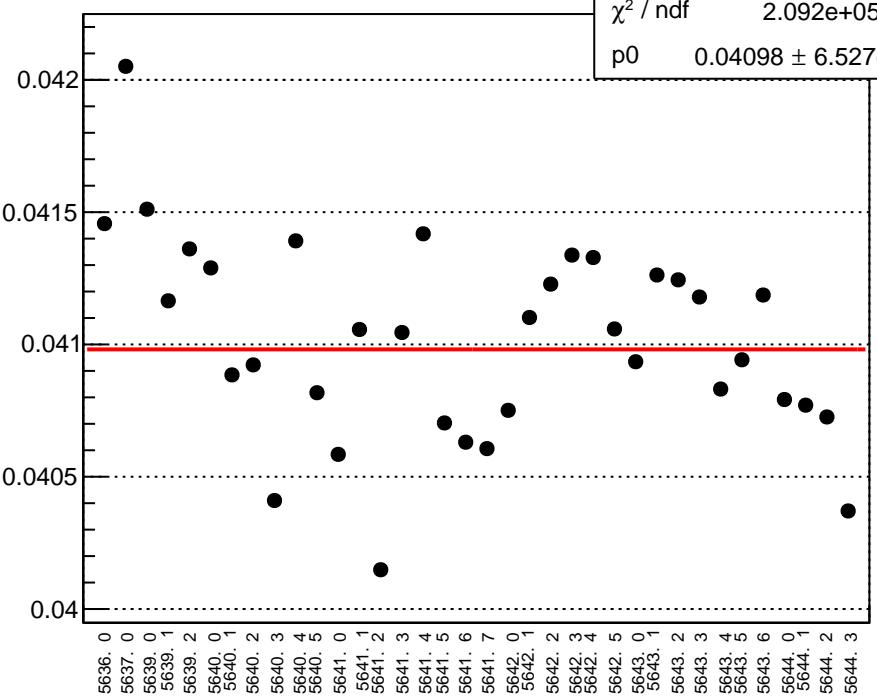


# yield\_attr1\_rms vs run

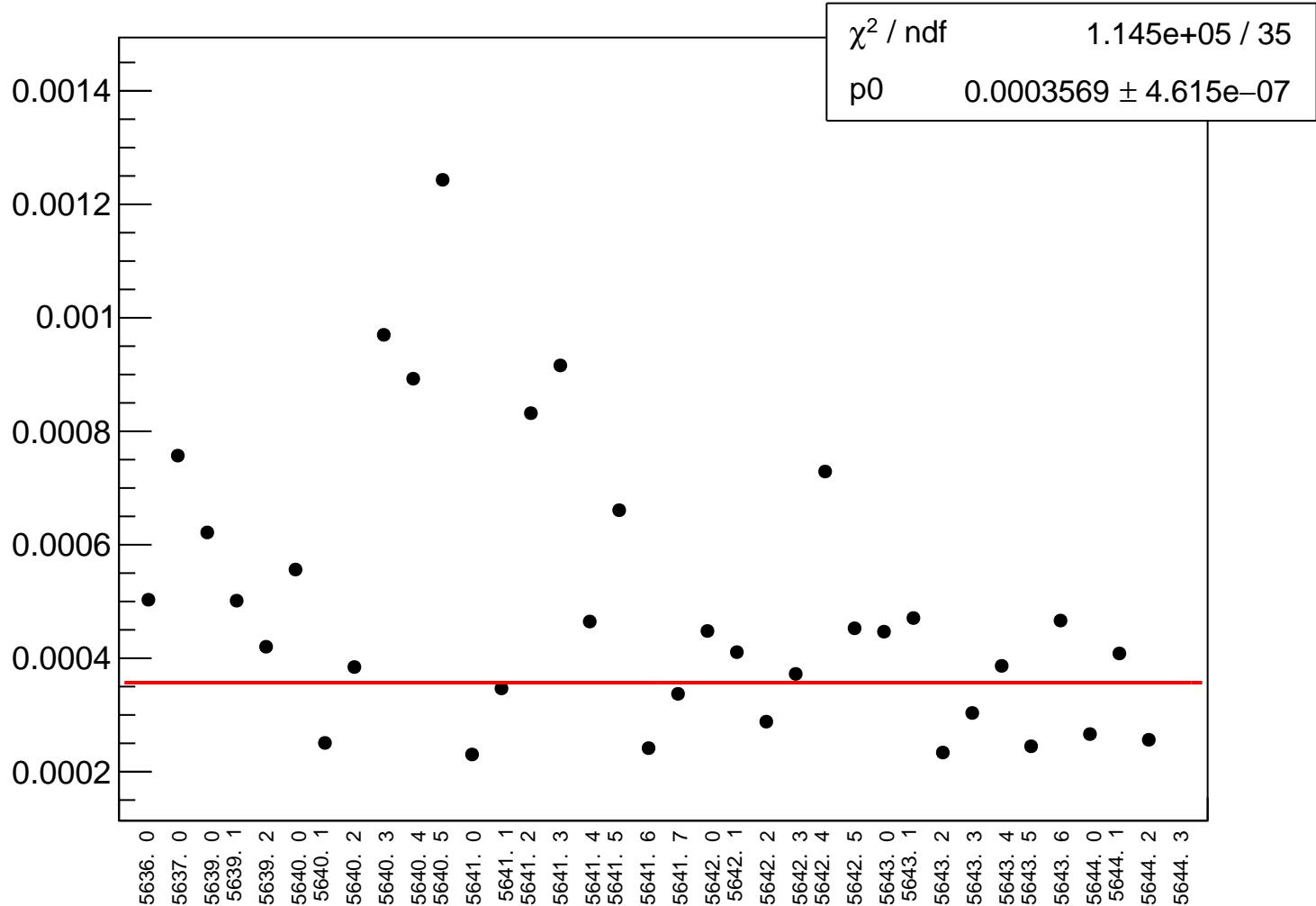


# yield\_atr2\_mean vs run

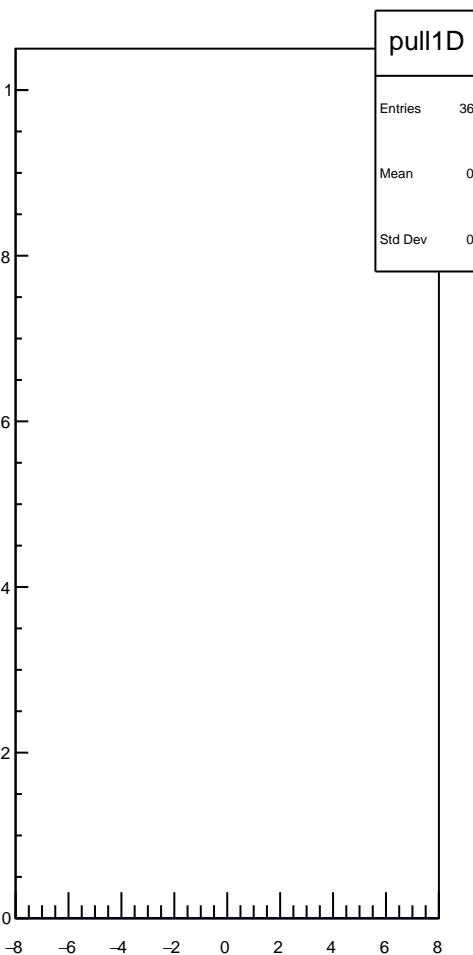
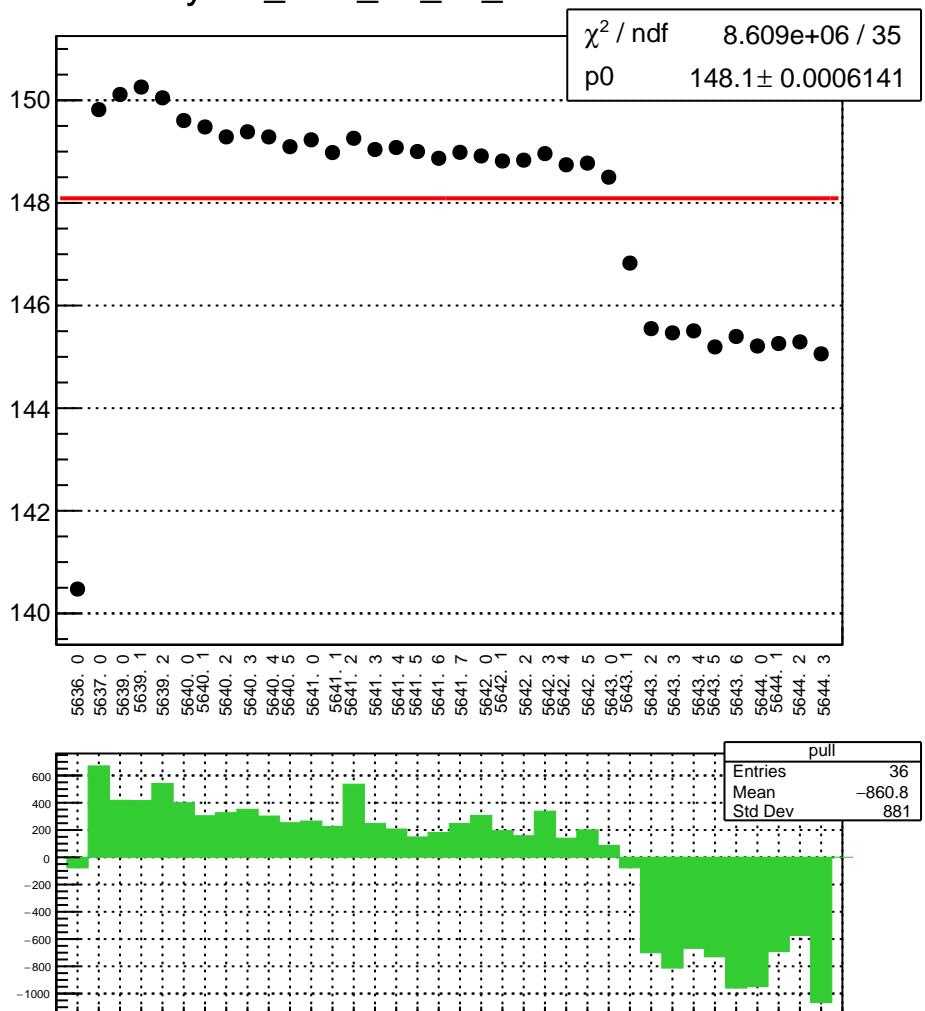
$\chi^2 / \text{ndf}$  2.092e+05 / 35  
p0  $0.04098 \pm 6.527\text{e}{-}07$



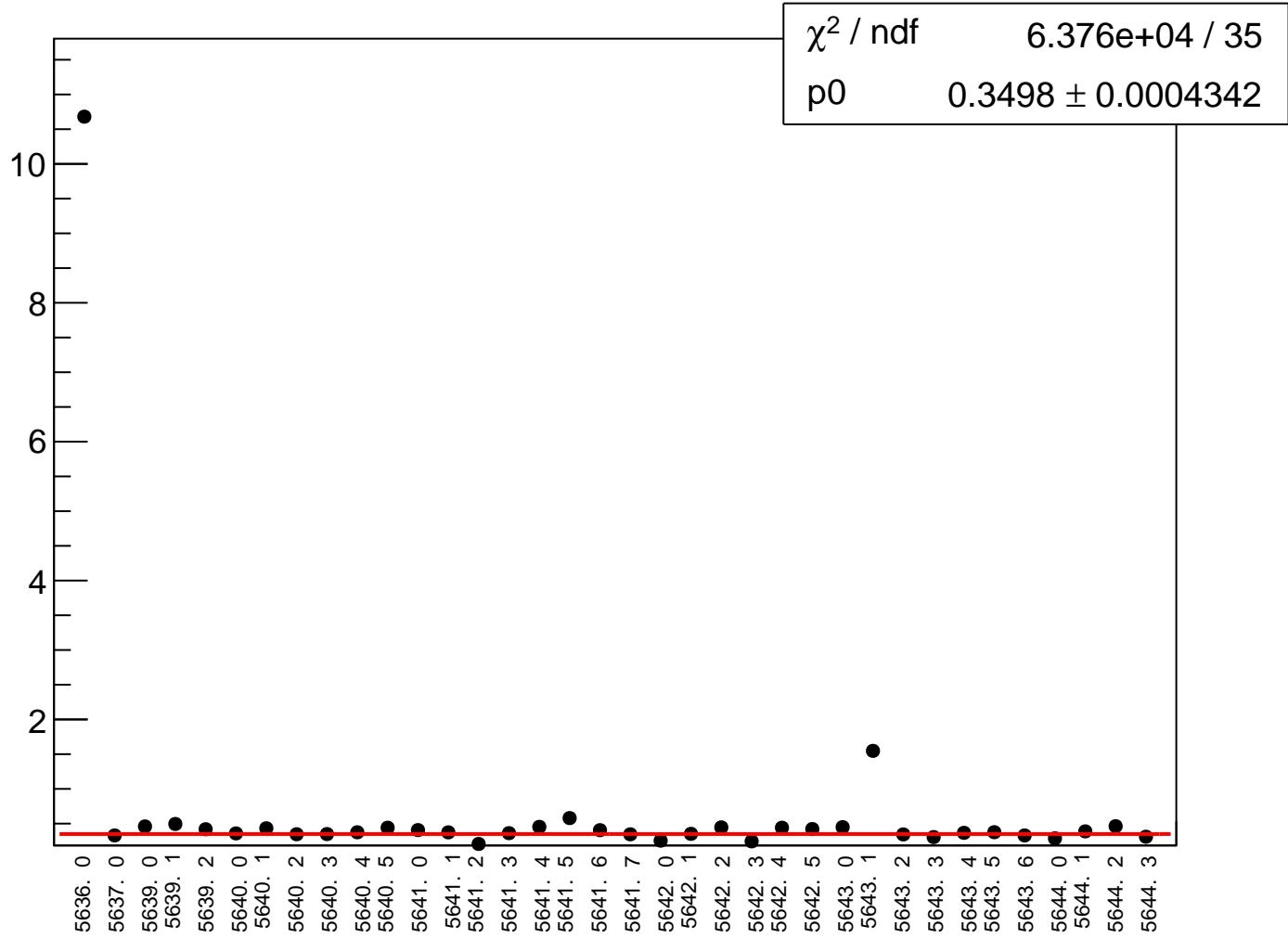
# yield\_attr2\_rms vs run



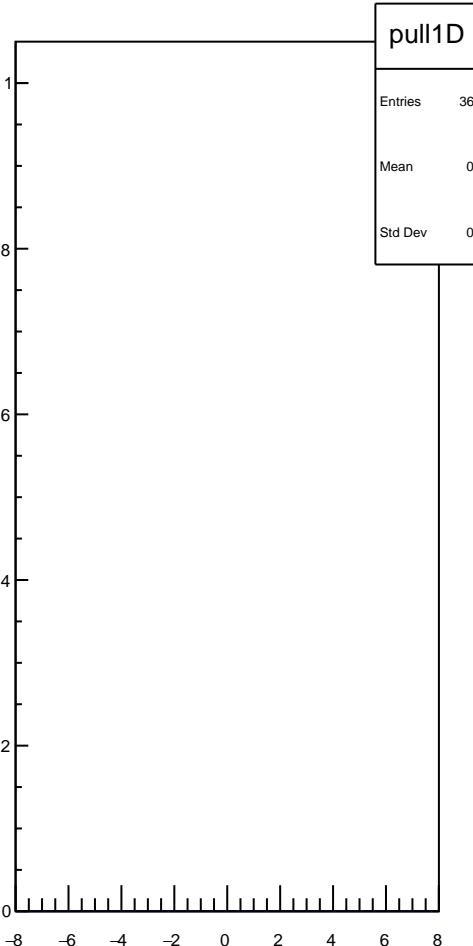
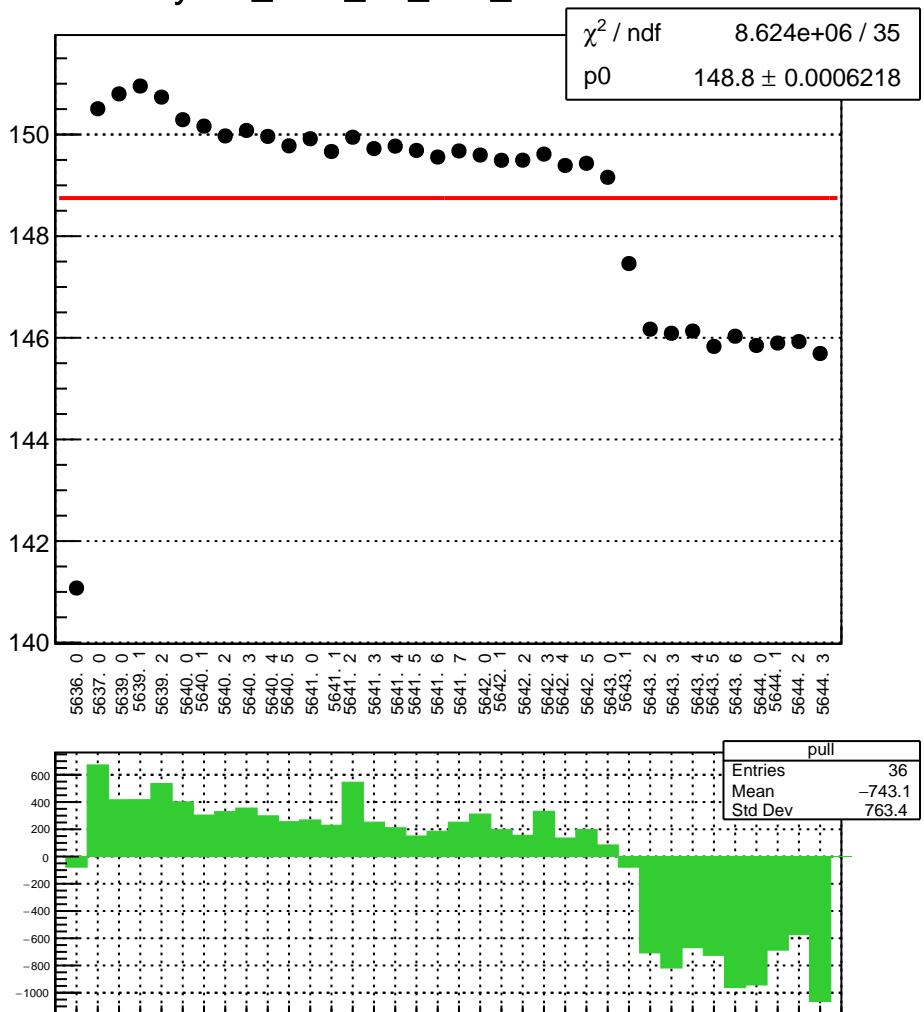
# yield\_bcm\_an\_ds\_mean vs run



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

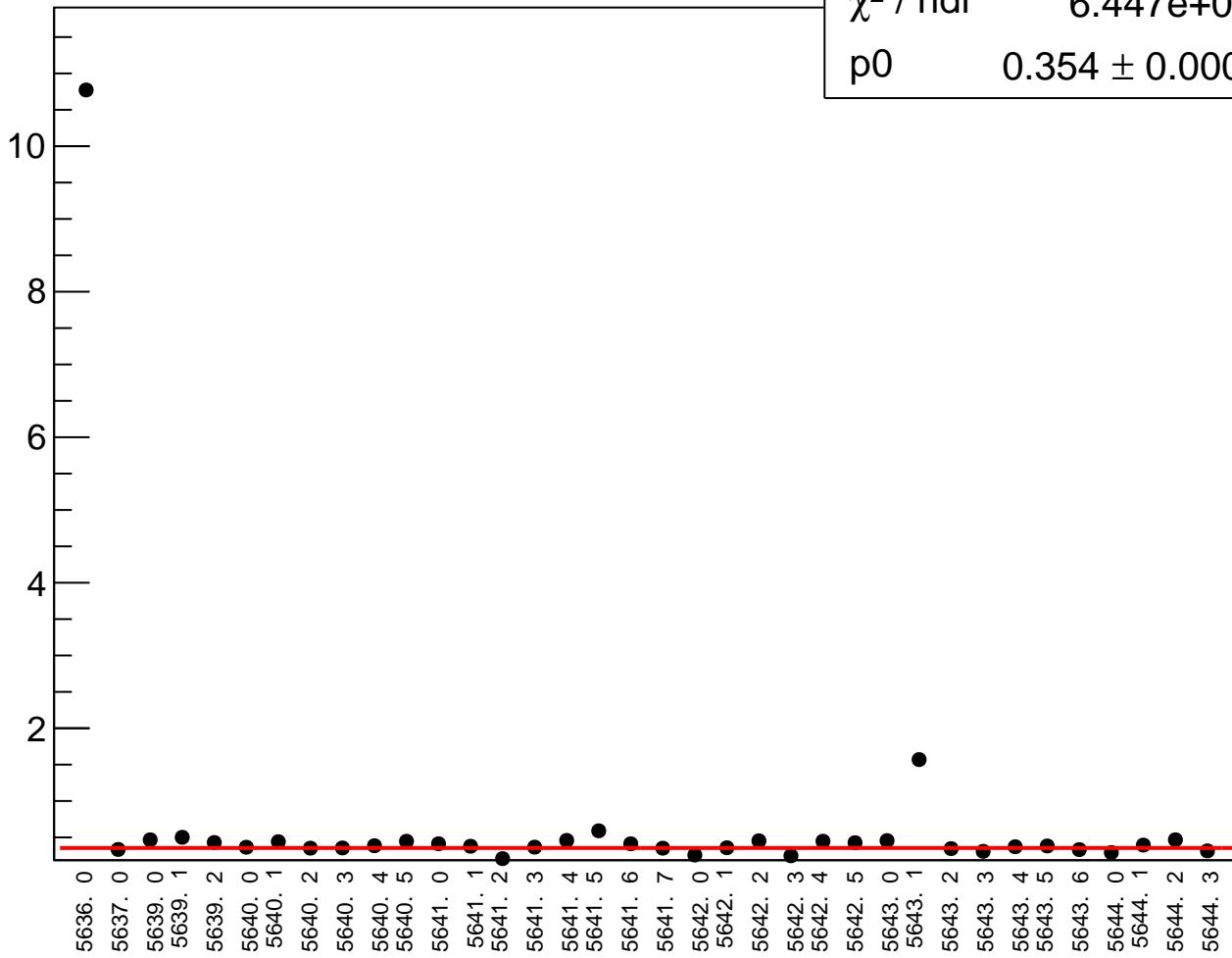


# yield\_bcm\_an\_ds3\_mean vs run

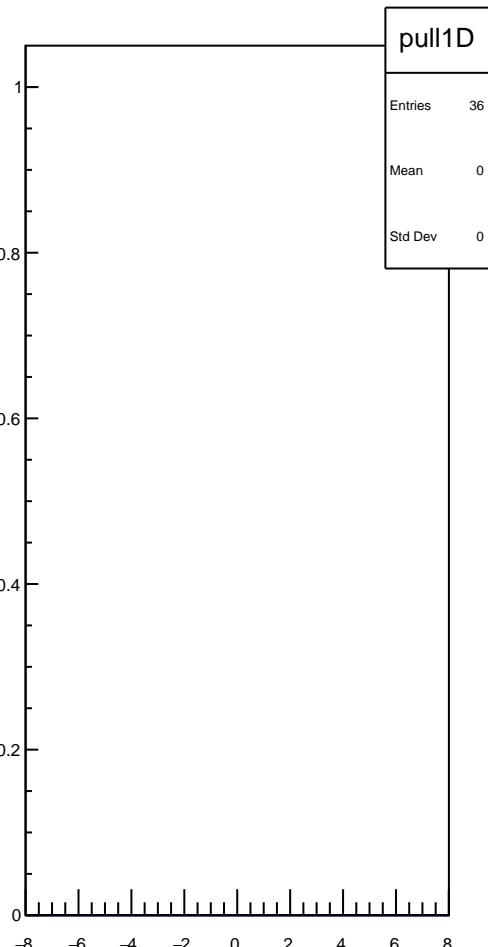
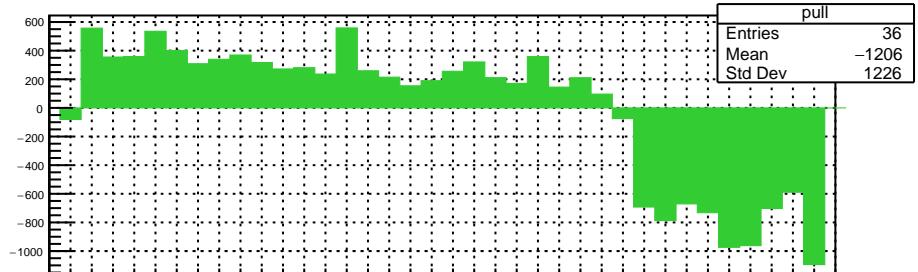
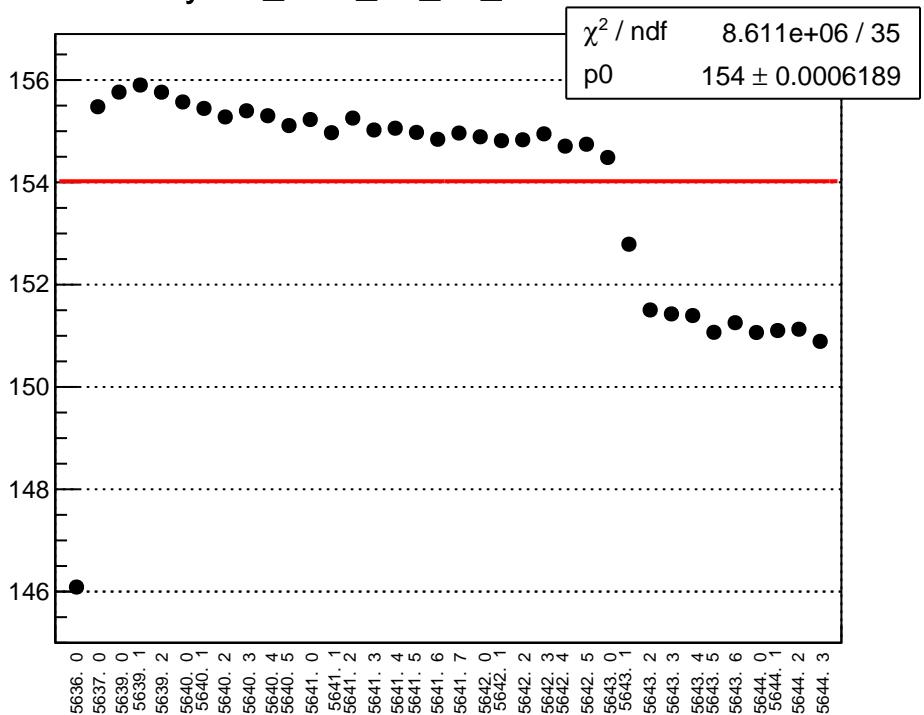


# yield\_bcm\_an\_ds3\_rms vs run

$\chi^2 / \text{ndf}$        $6.447\text{e+}04 / 35$   
 $p0$        $0.354 \pm 0.0004397$

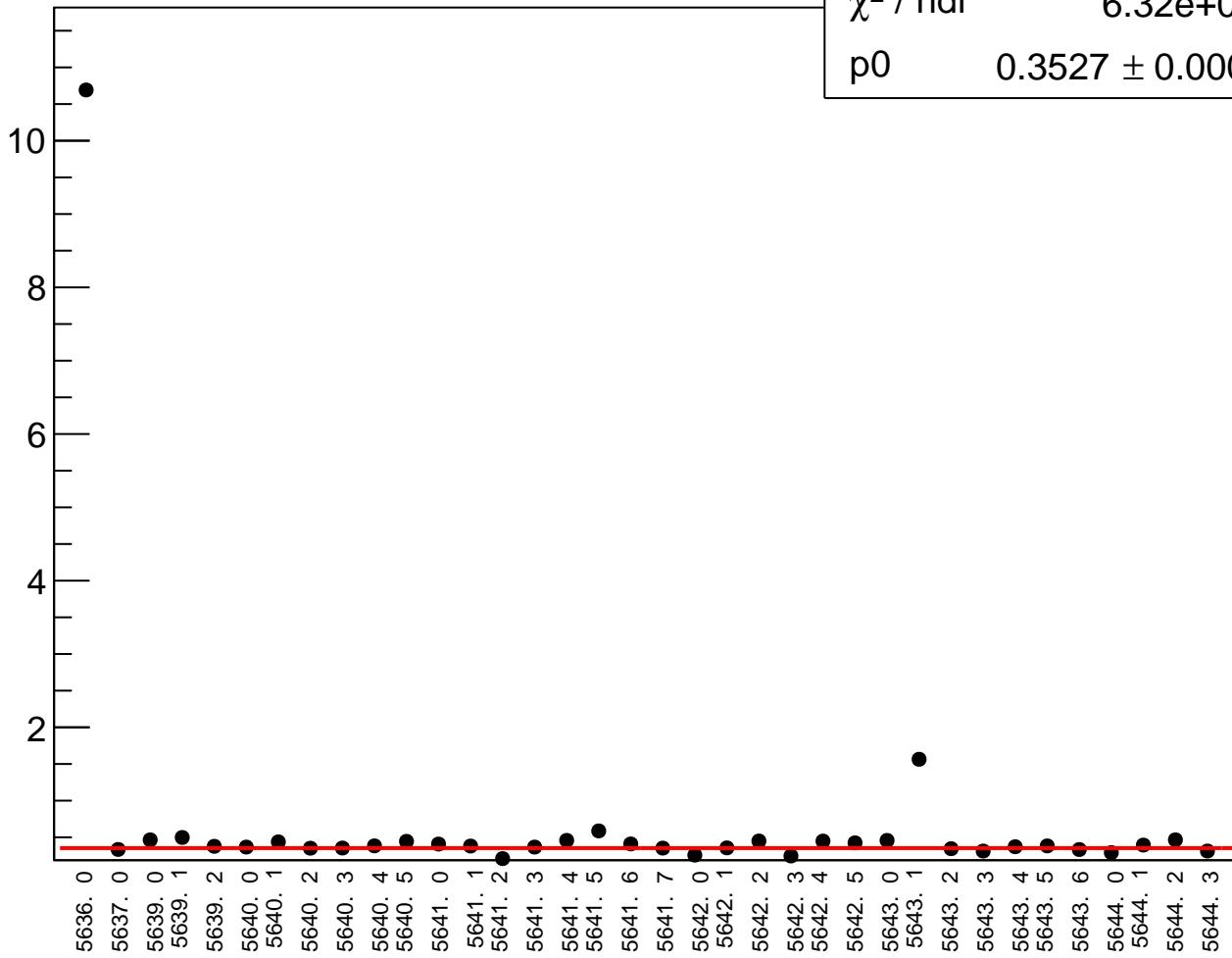


# yield\_bcm\_an\_us\_mean vs run

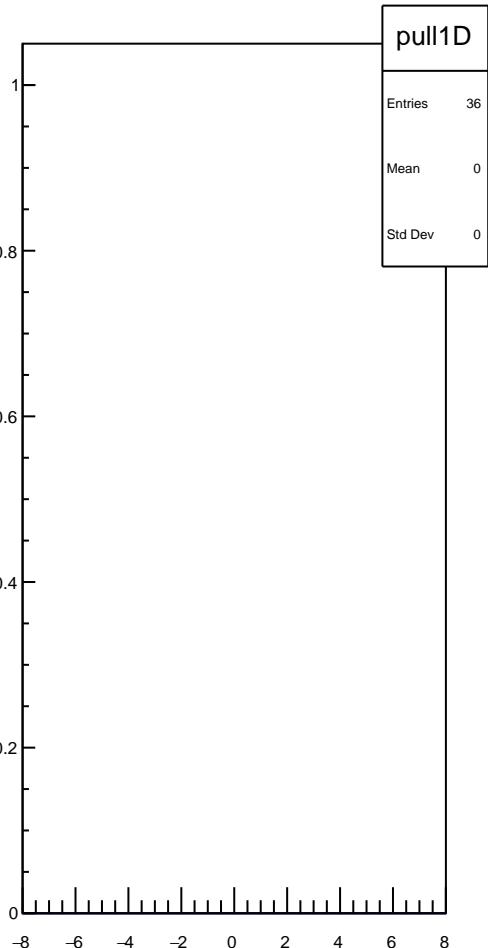
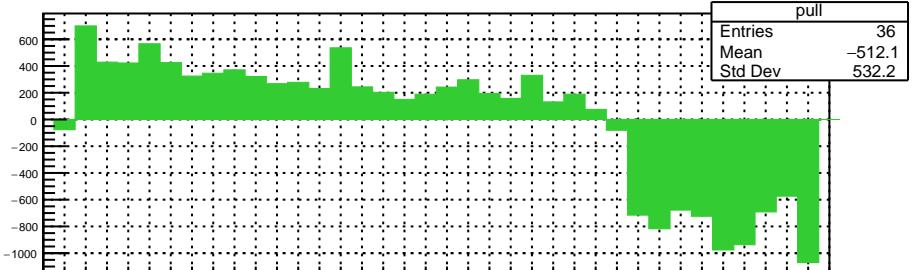
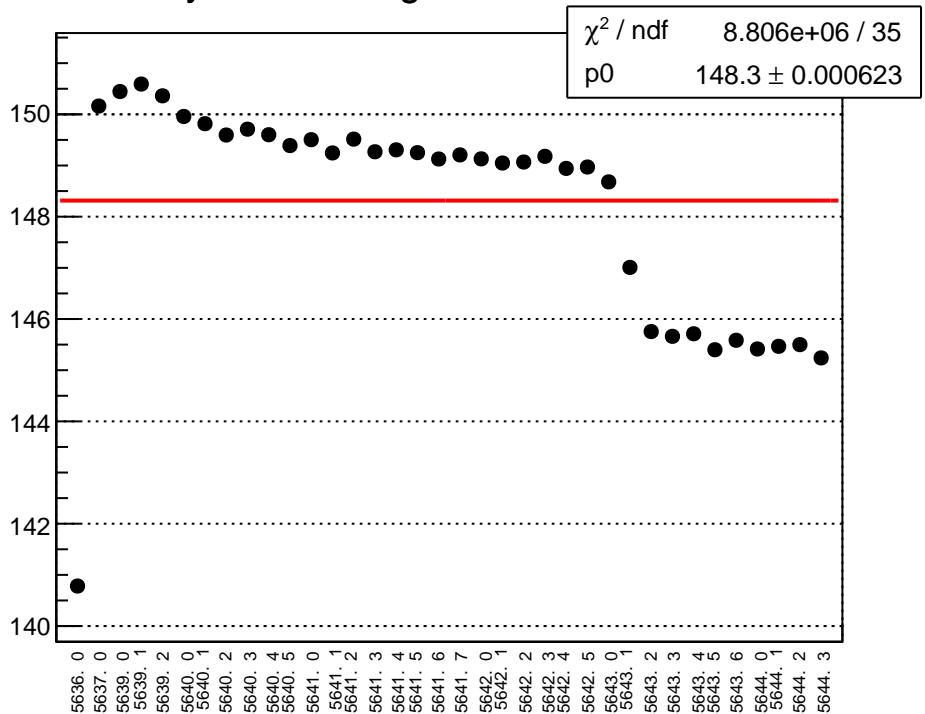


# yield\_bcm\_an\_us\_rms vs run

$\chi^2 / \text{ndf}$  6.32e+04 / 35  
p0  $0.3527 \pm 0.0004377$

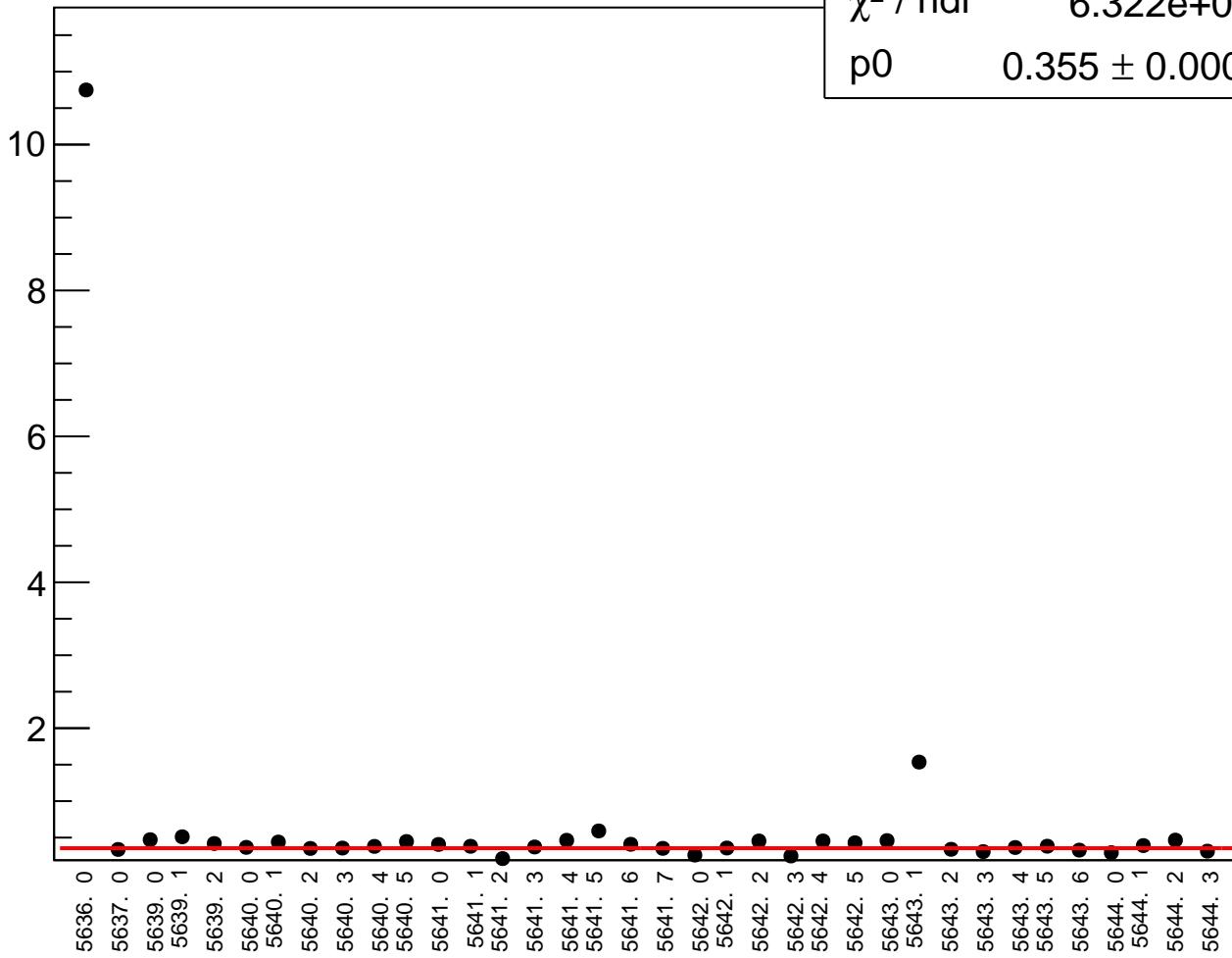


# yield\_bcm\_dg\_us\_mean vs run

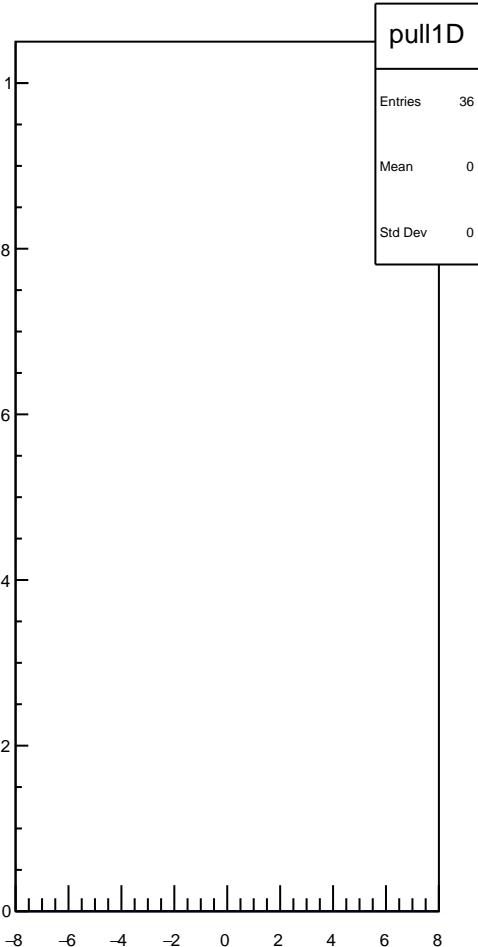
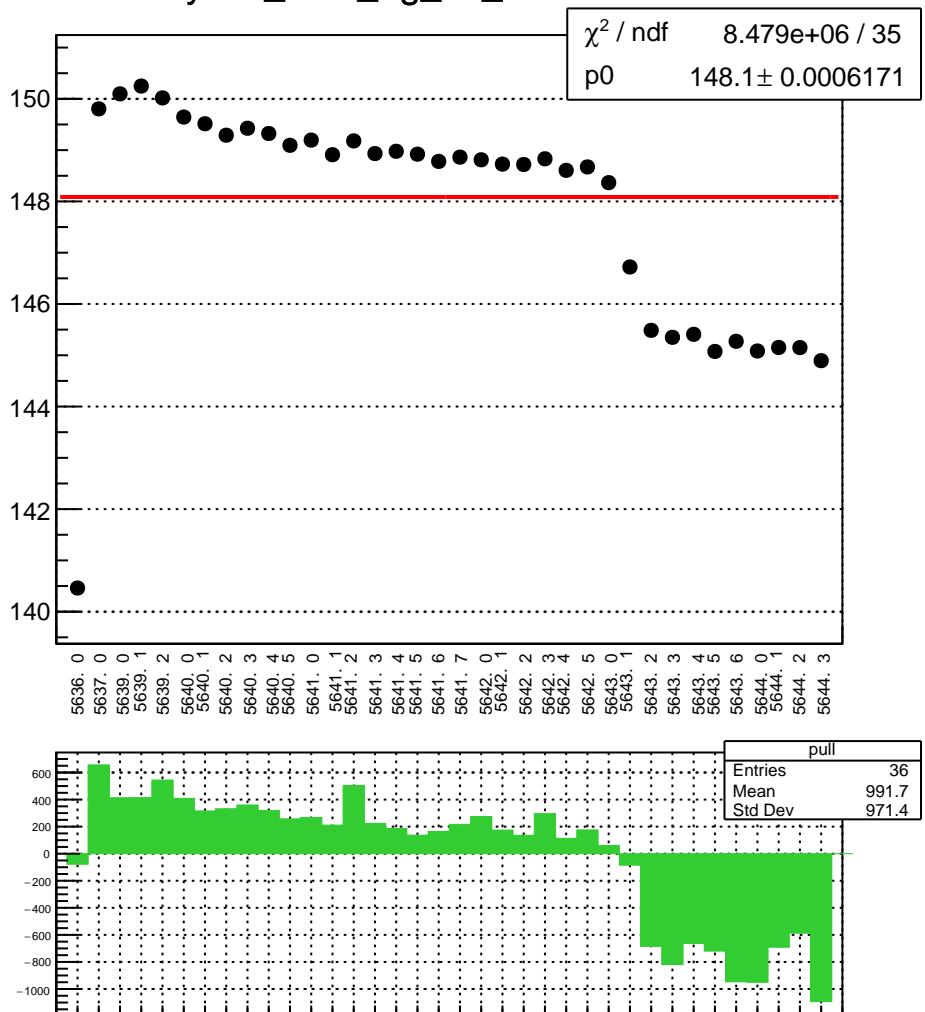


# yield\_bcm\_dg\_us\_rms vs run

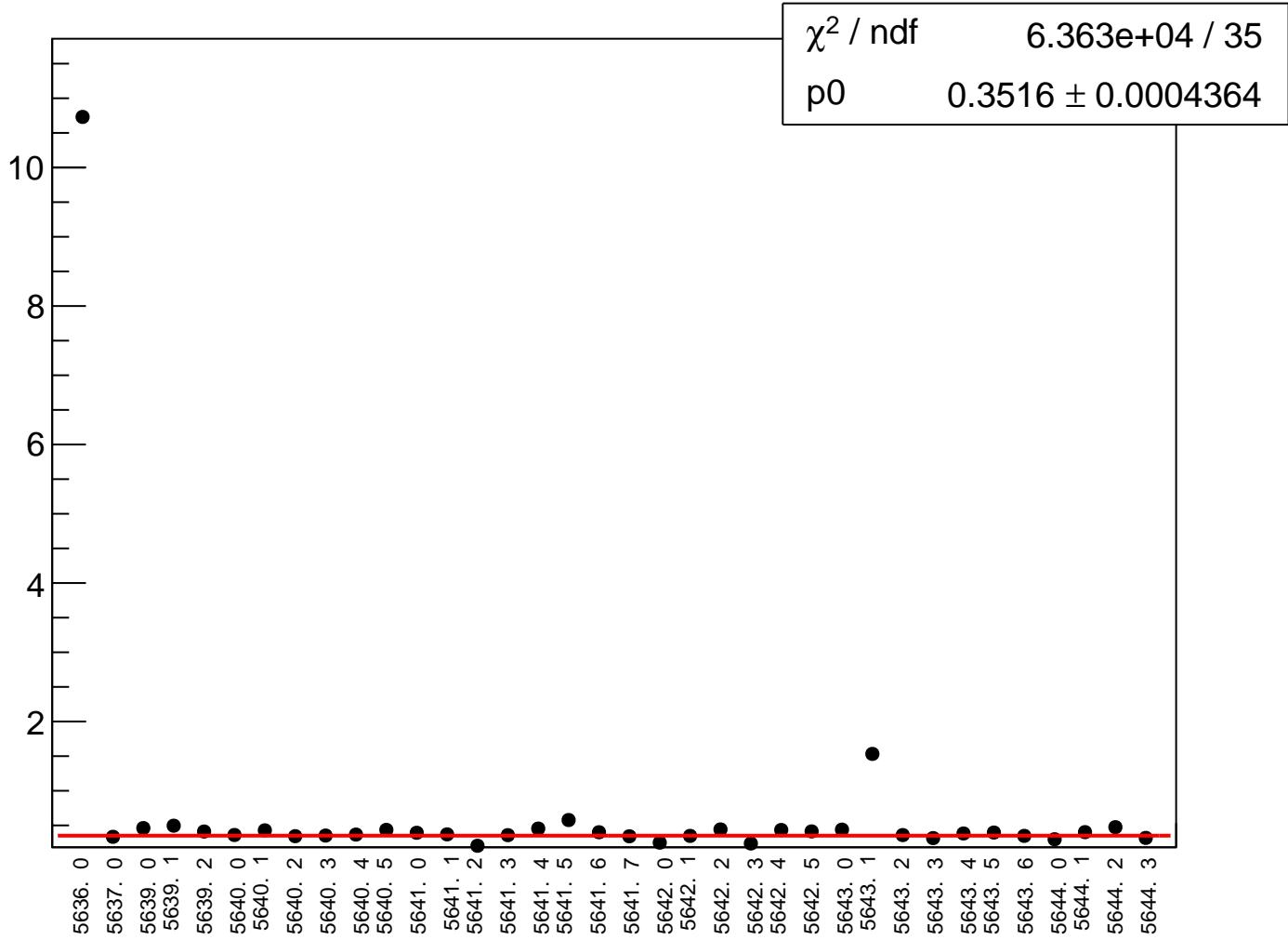
$\chi^2 / \text{ndf}$  6.322e+04 / 35  
p0  $0.355 \pm 0.0004406$



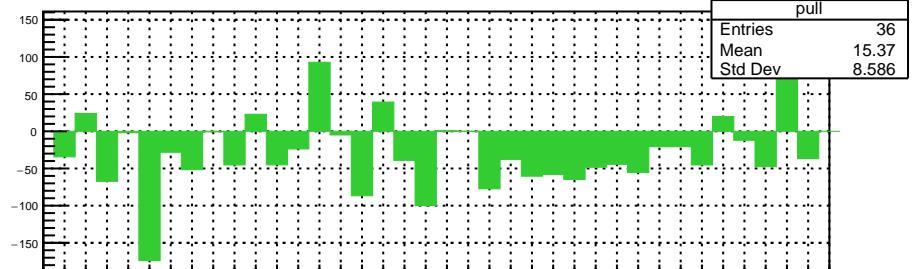
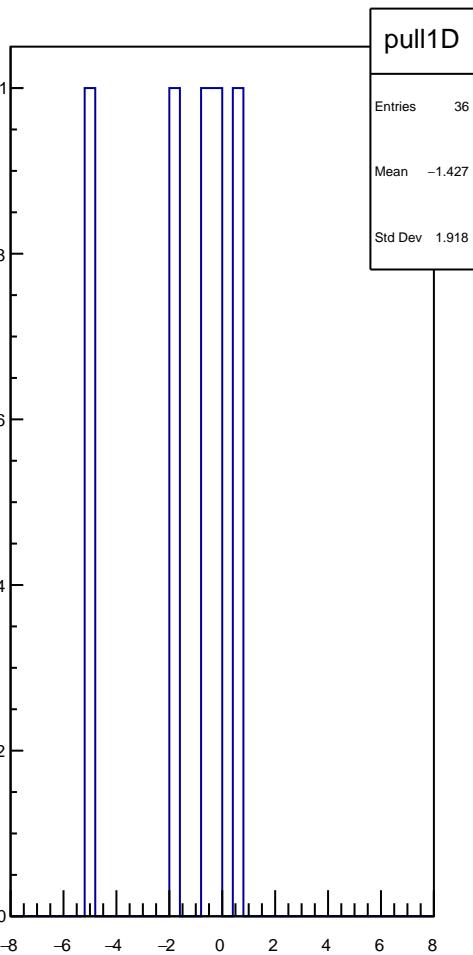
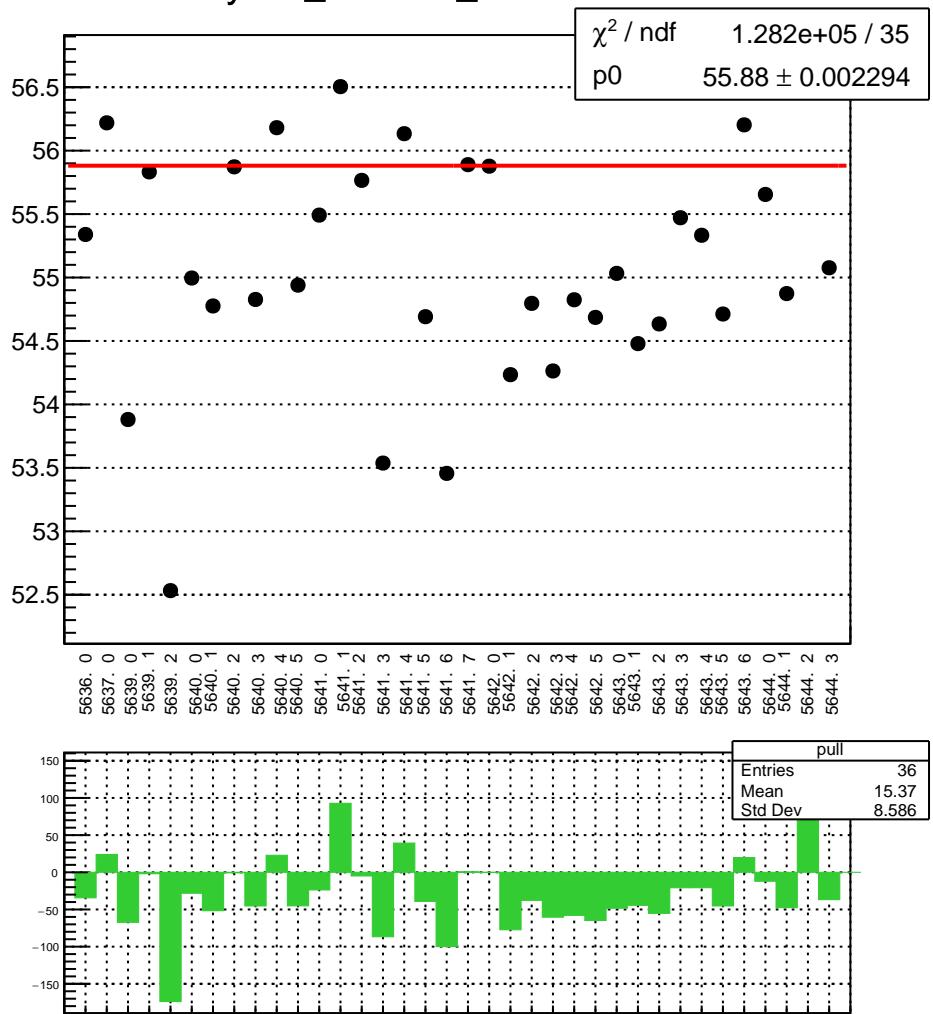
# yield\_bcm\_dg\_ds\_mean vs run



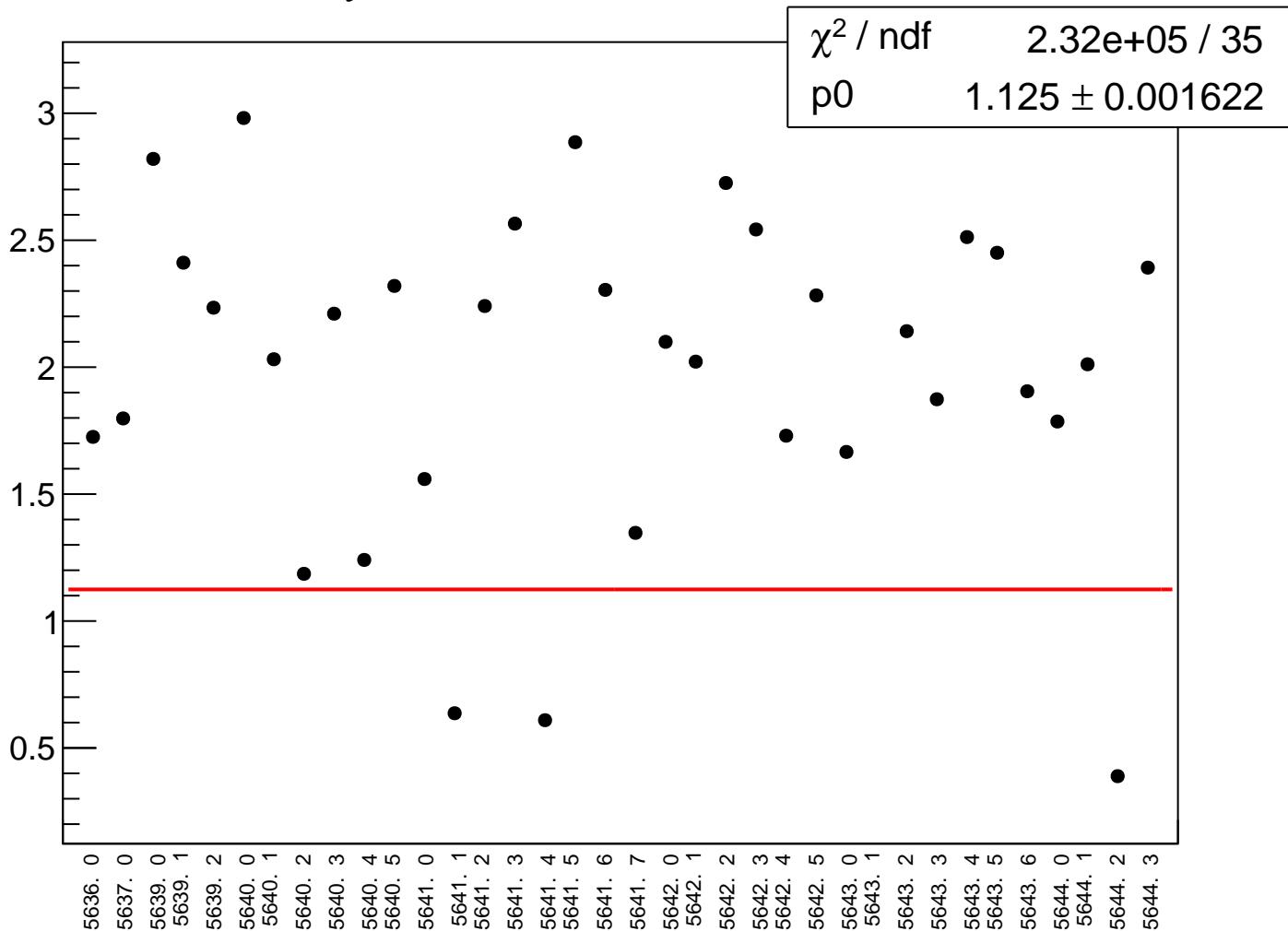
# yield\_bcm\_dg\_ds\_rms vs run



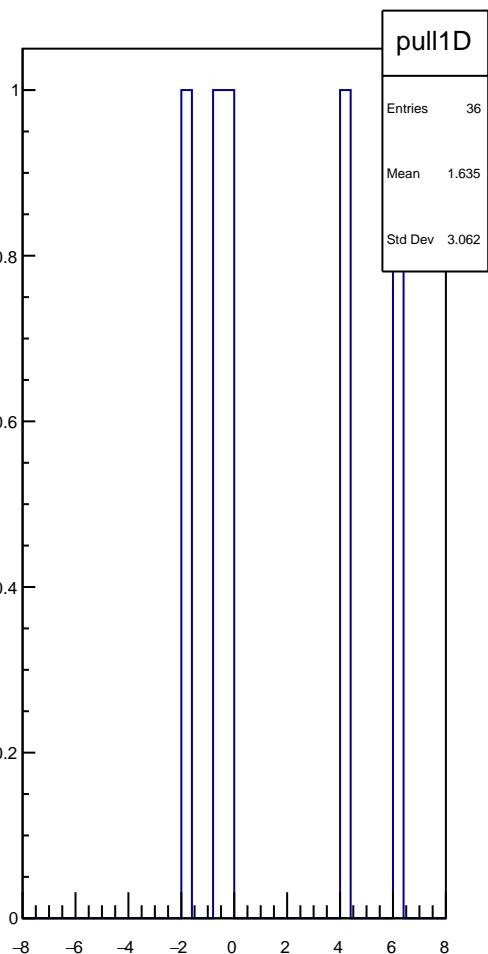
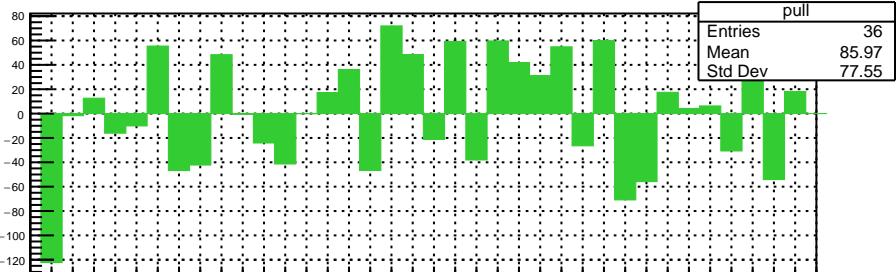
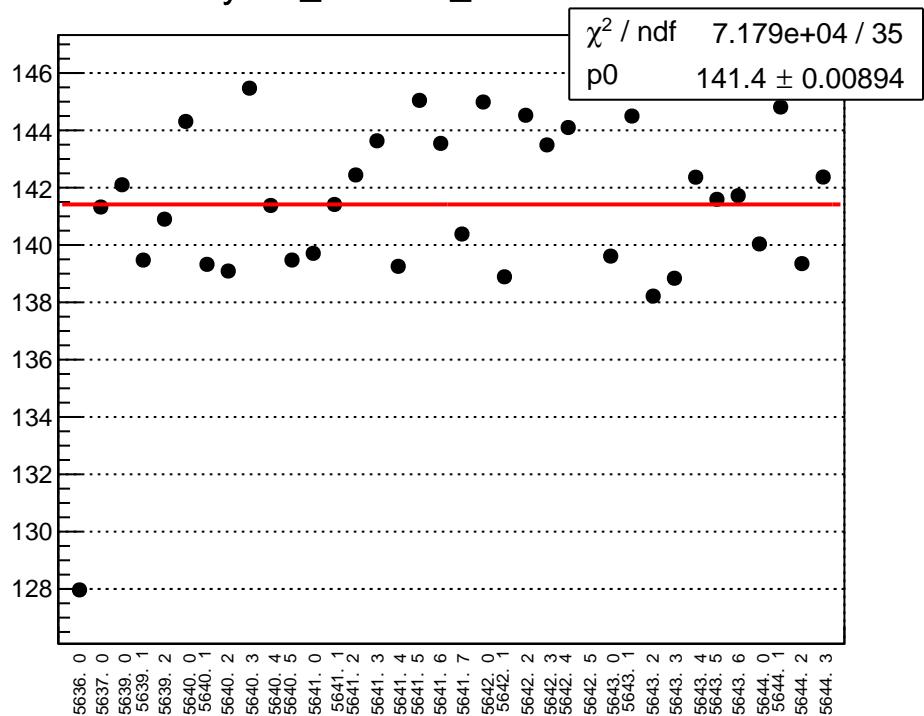
# yield\_cav4bQ\_mean vs run



# yield\_cav4bQ\_rms vs run

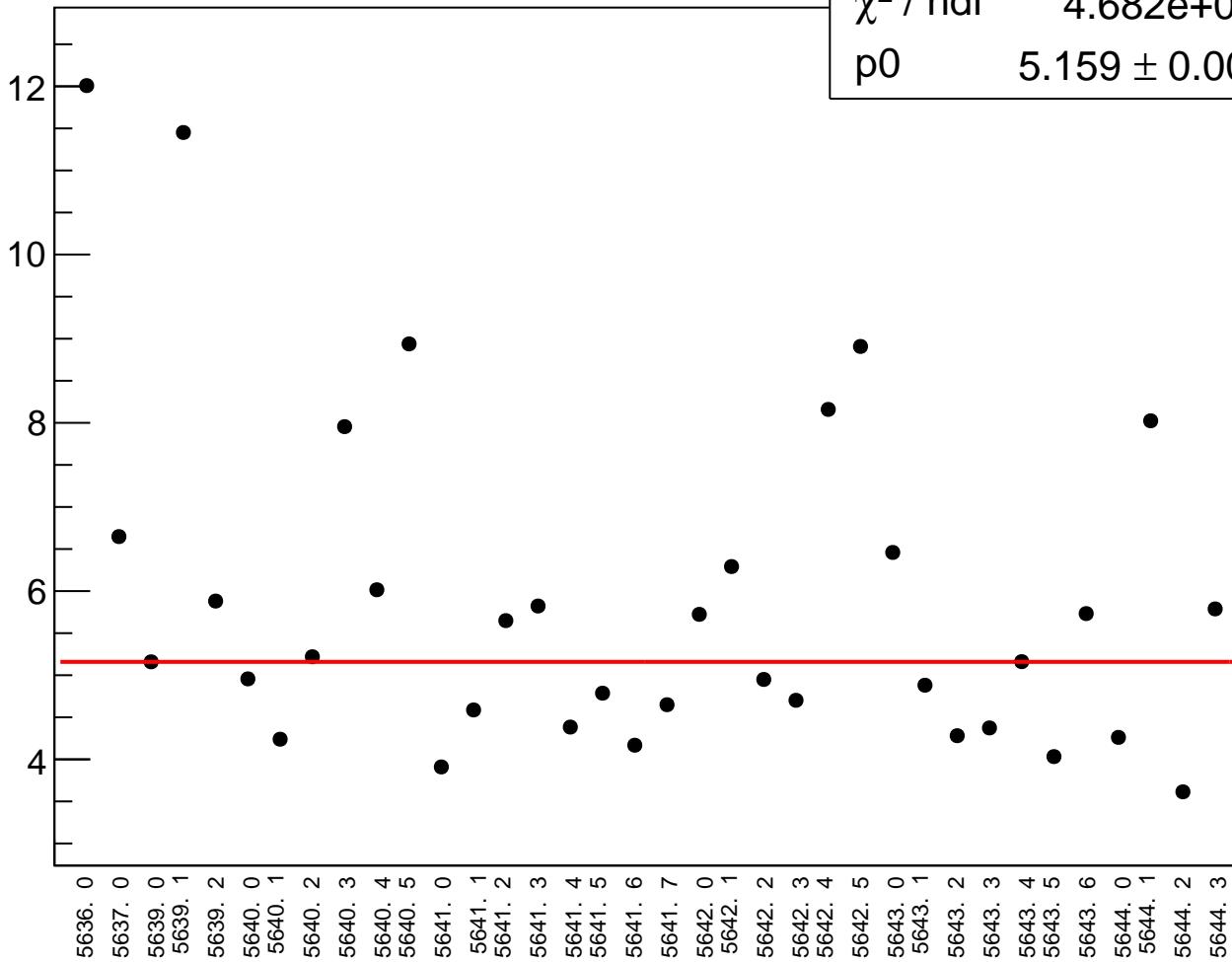


# yield\_cav4cQ\_mean vs run

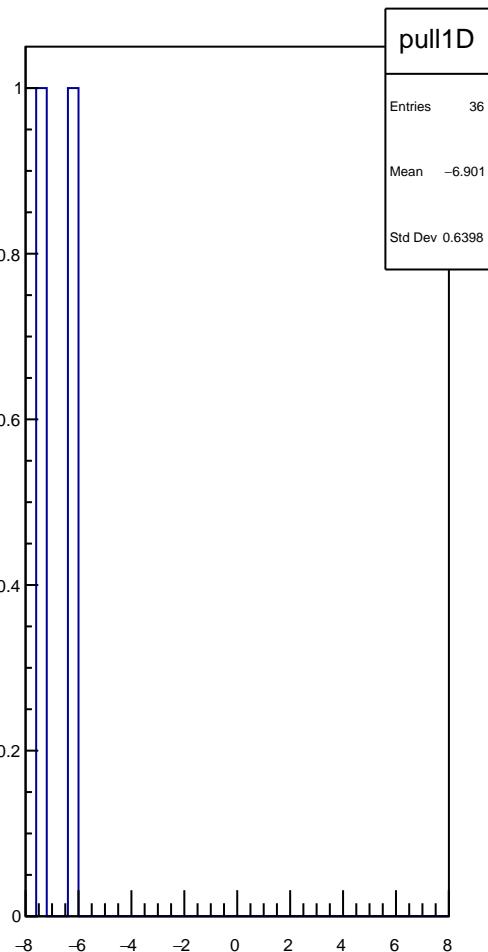
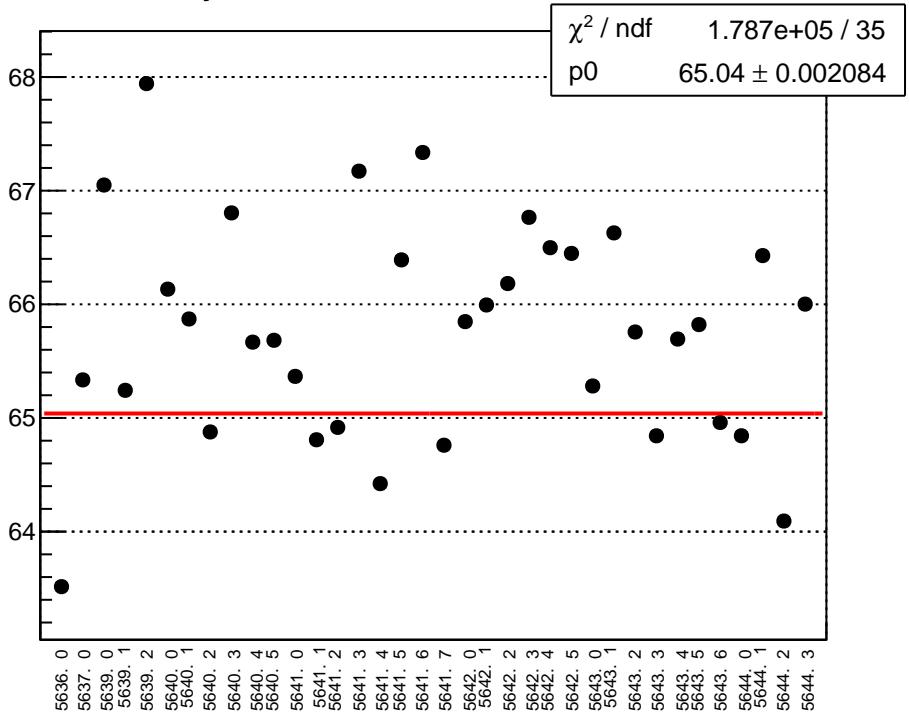


# yield\_cav4cQ\_rms vs run

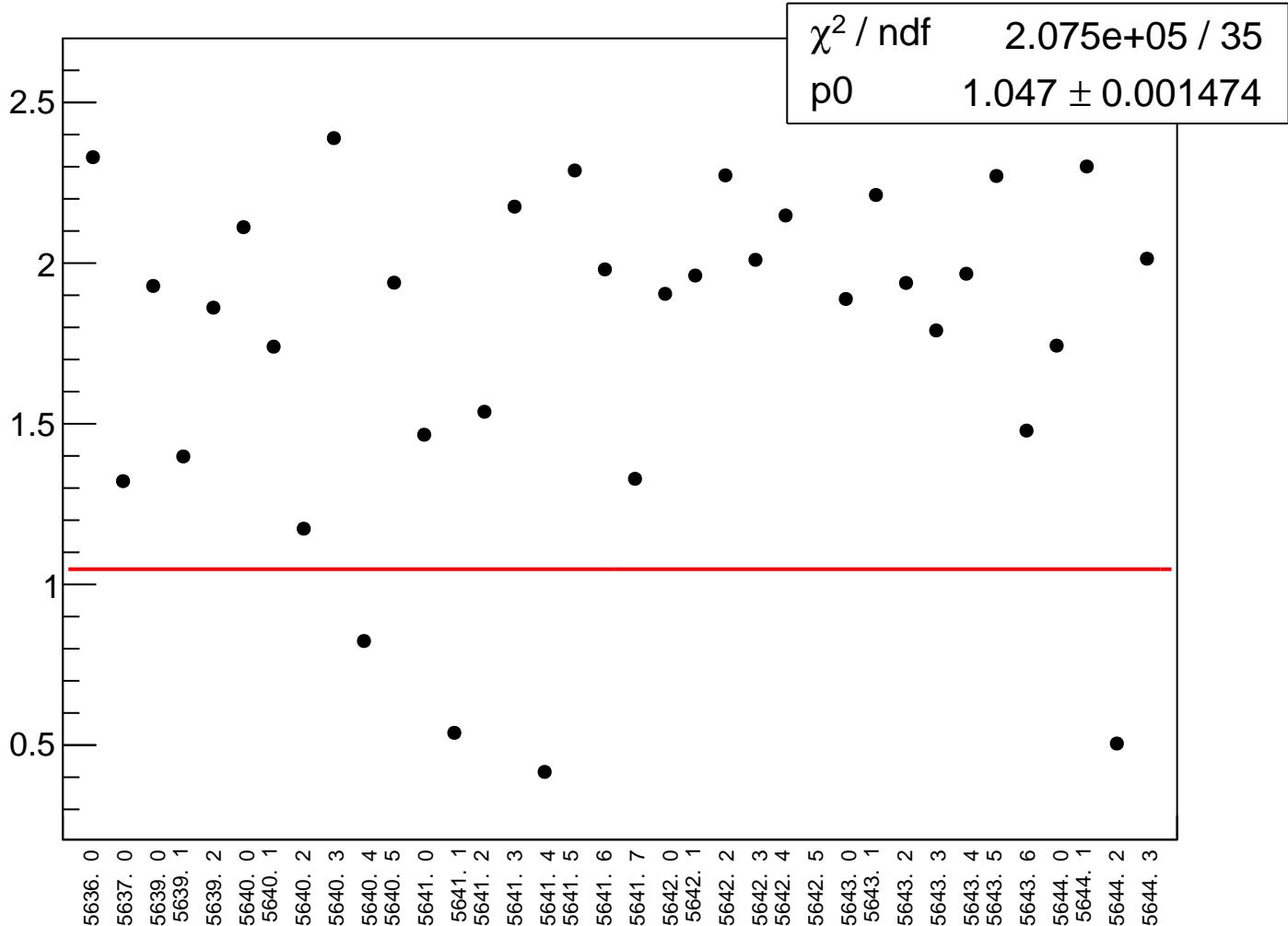
$\chi^2 / \text{ndf}$  4.682e+04 / 35  
p0  $5.159 \pm 0.006322$



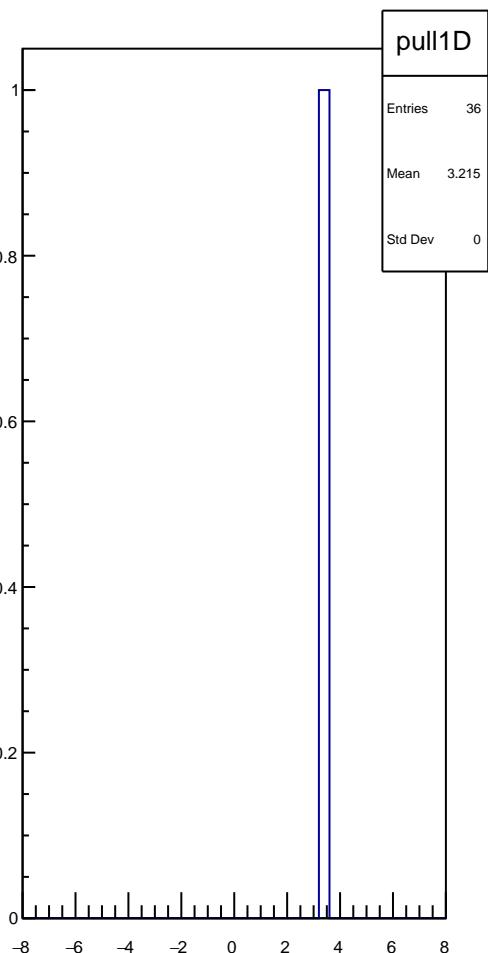
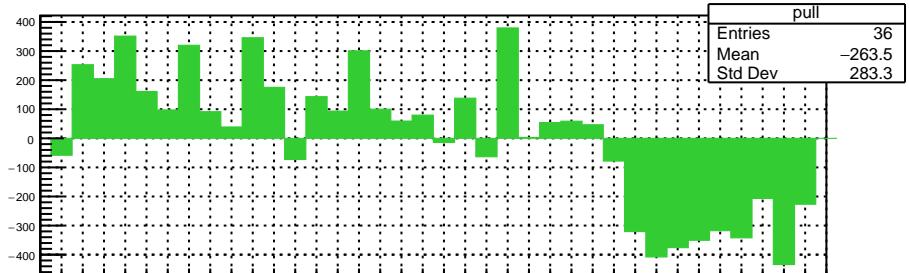
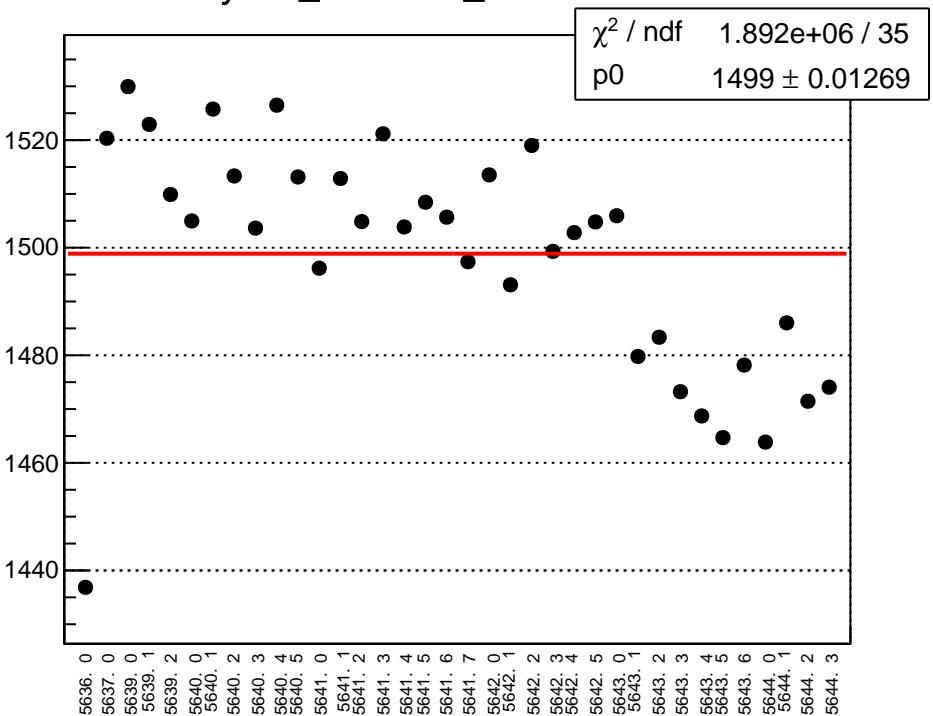
# yield\_cav4dQ\_mean vs run



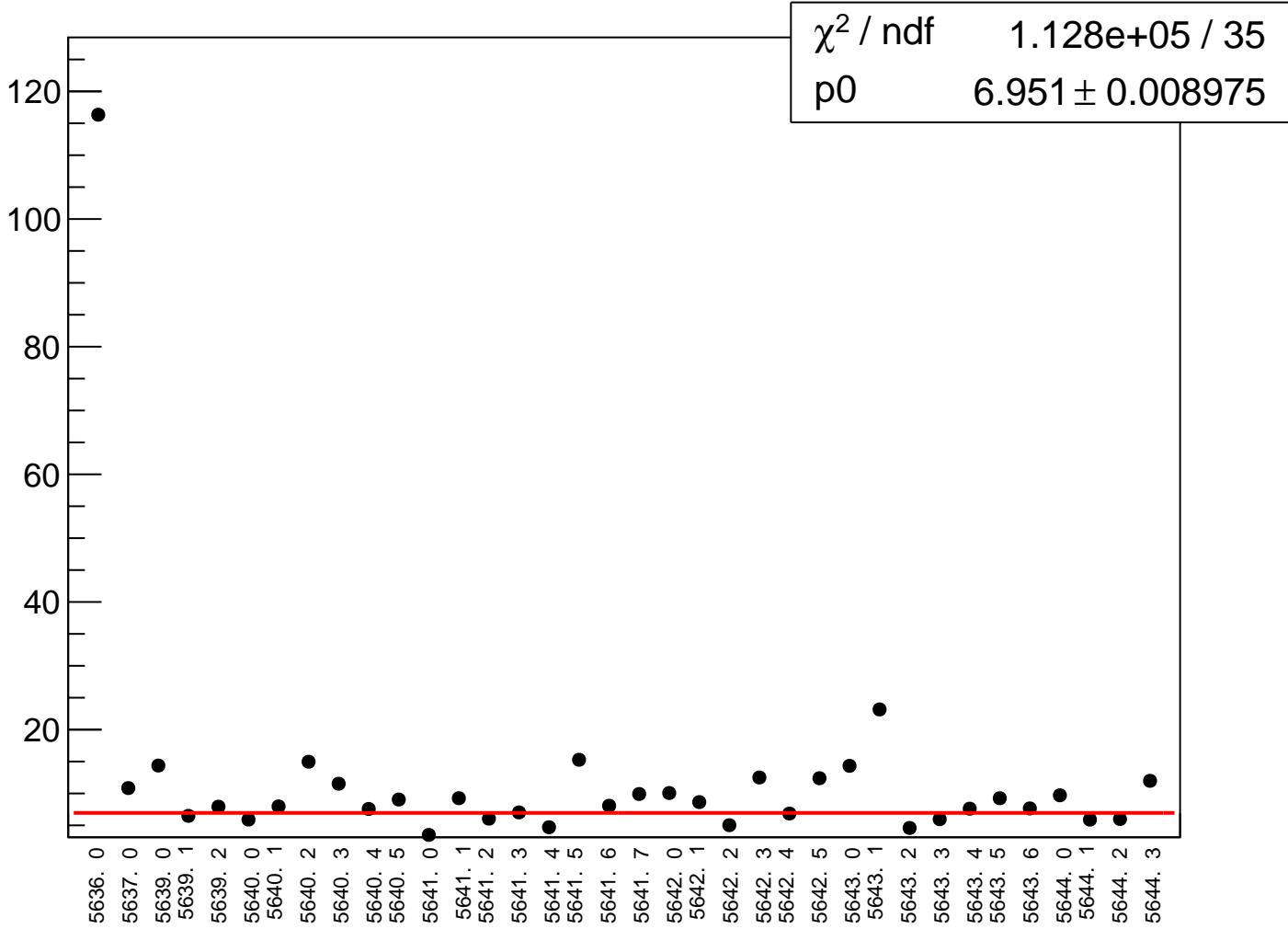
# yield\_cav4dQ\_rms vs run



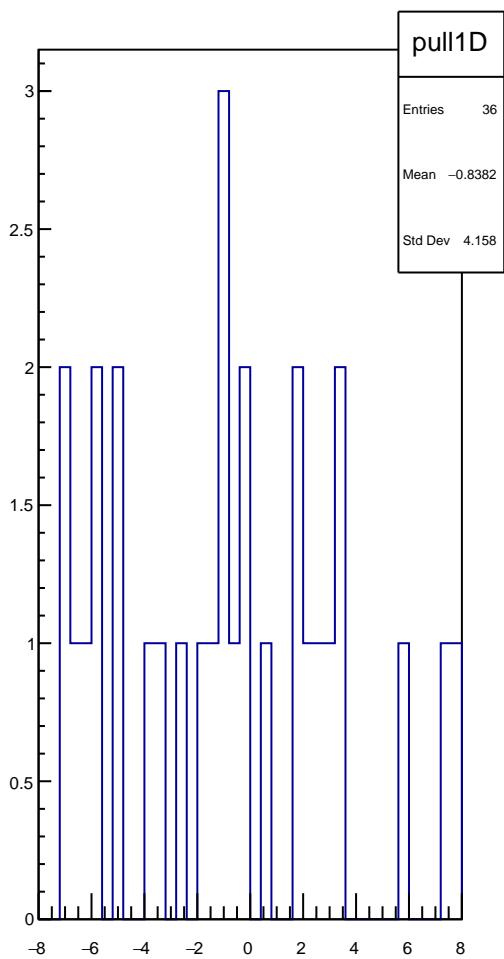
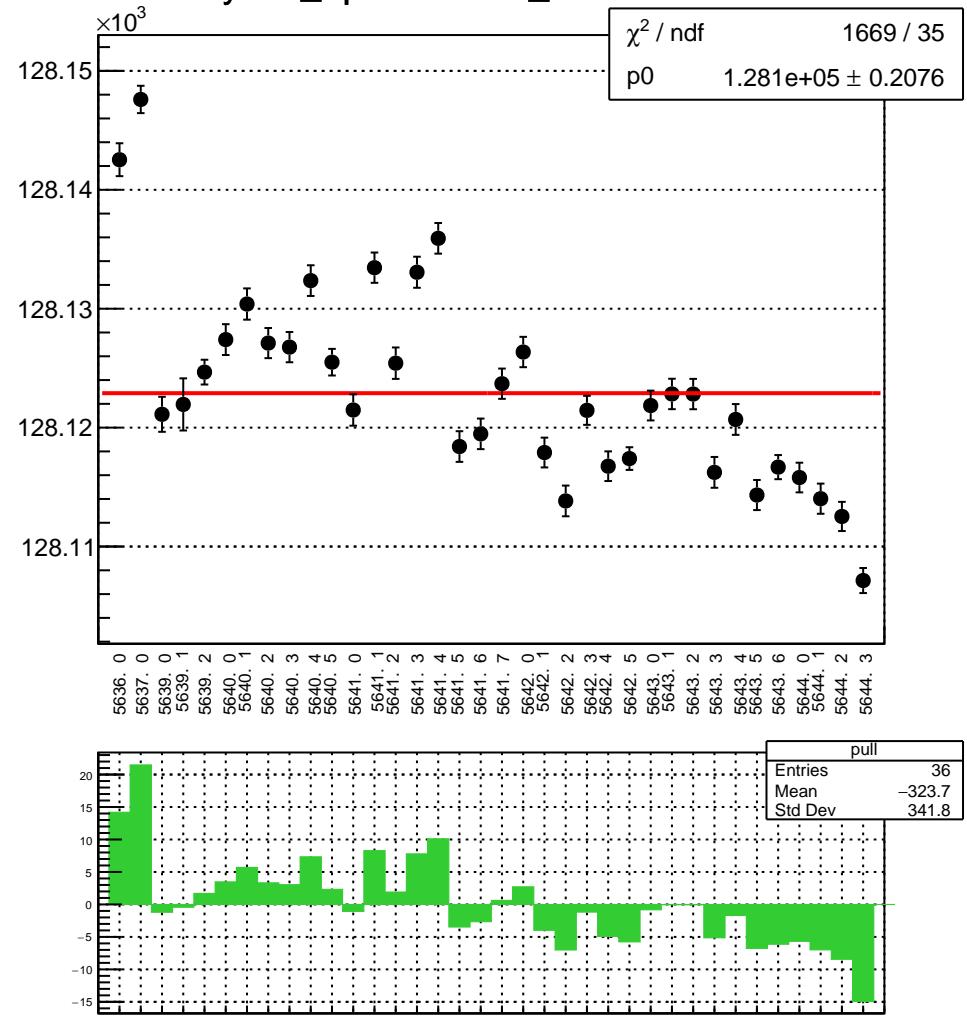
# yield\_bcm0l02\_mean vs run



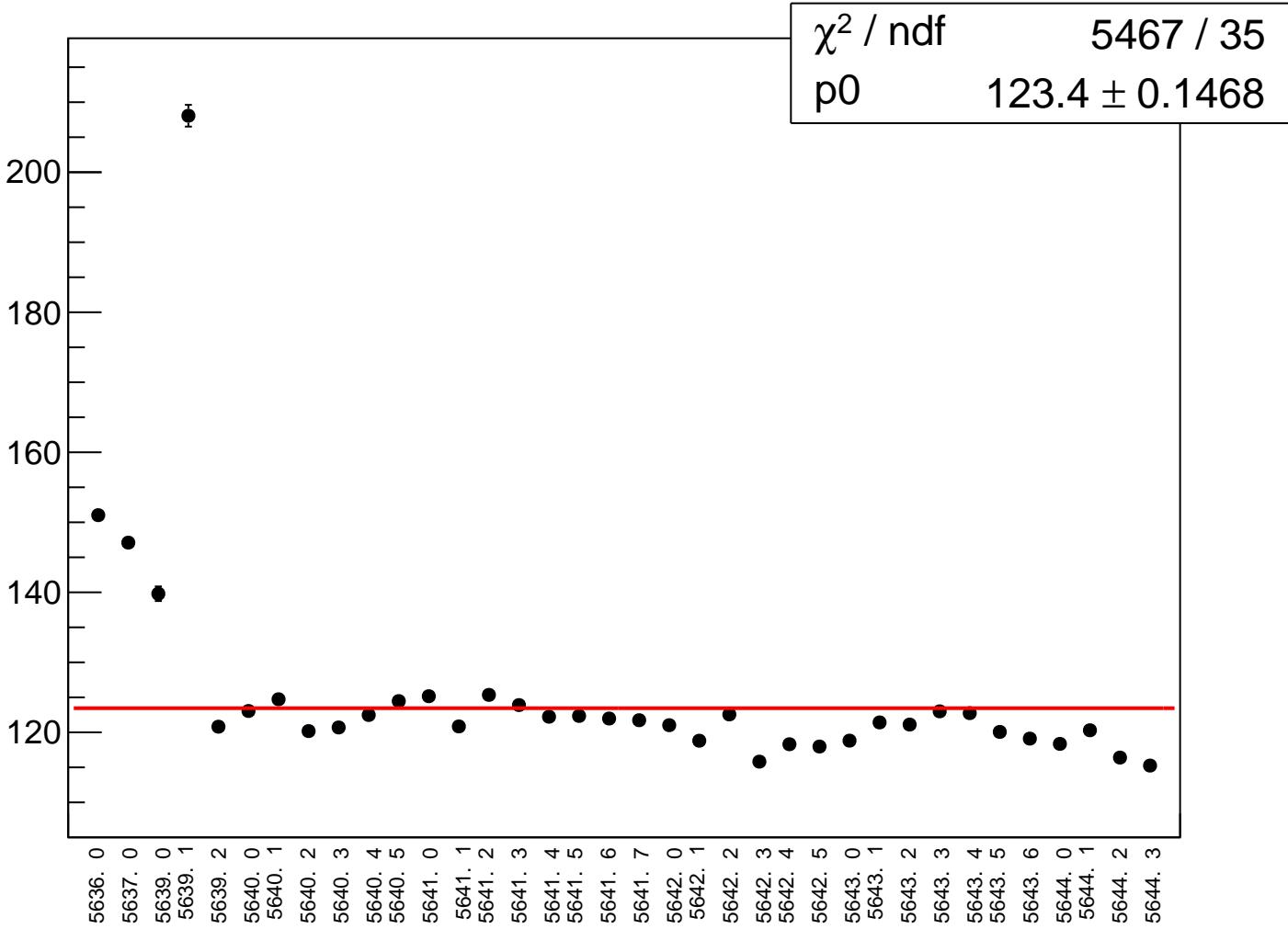
# yield\_bcm0l02\_rms vs run



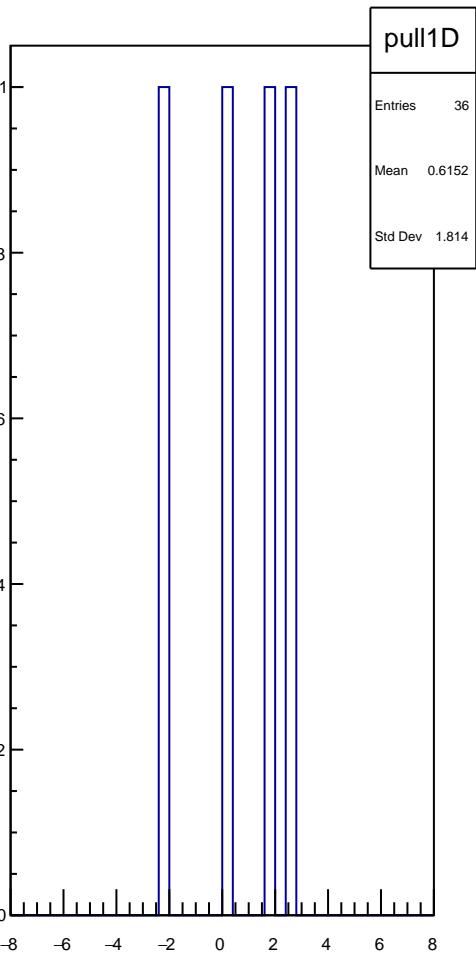
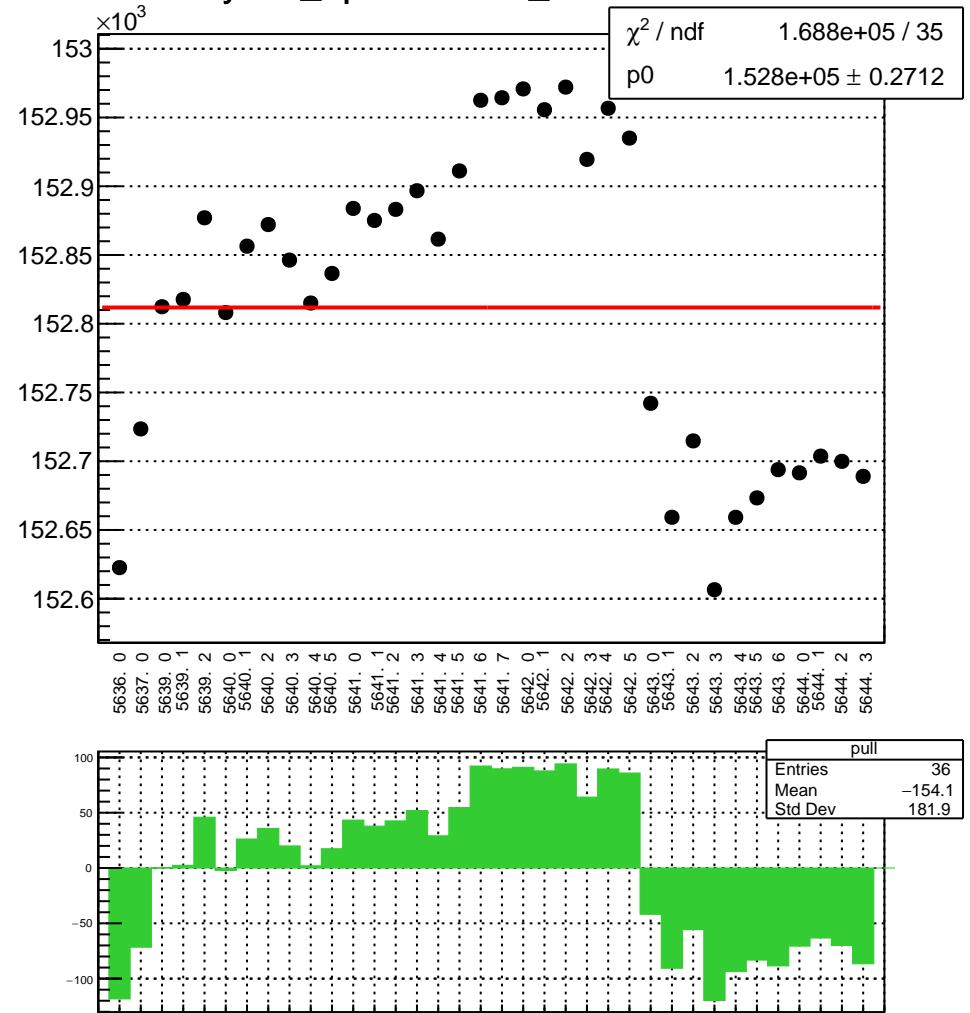
# yield\_bpm2i01WS\_mean vs run



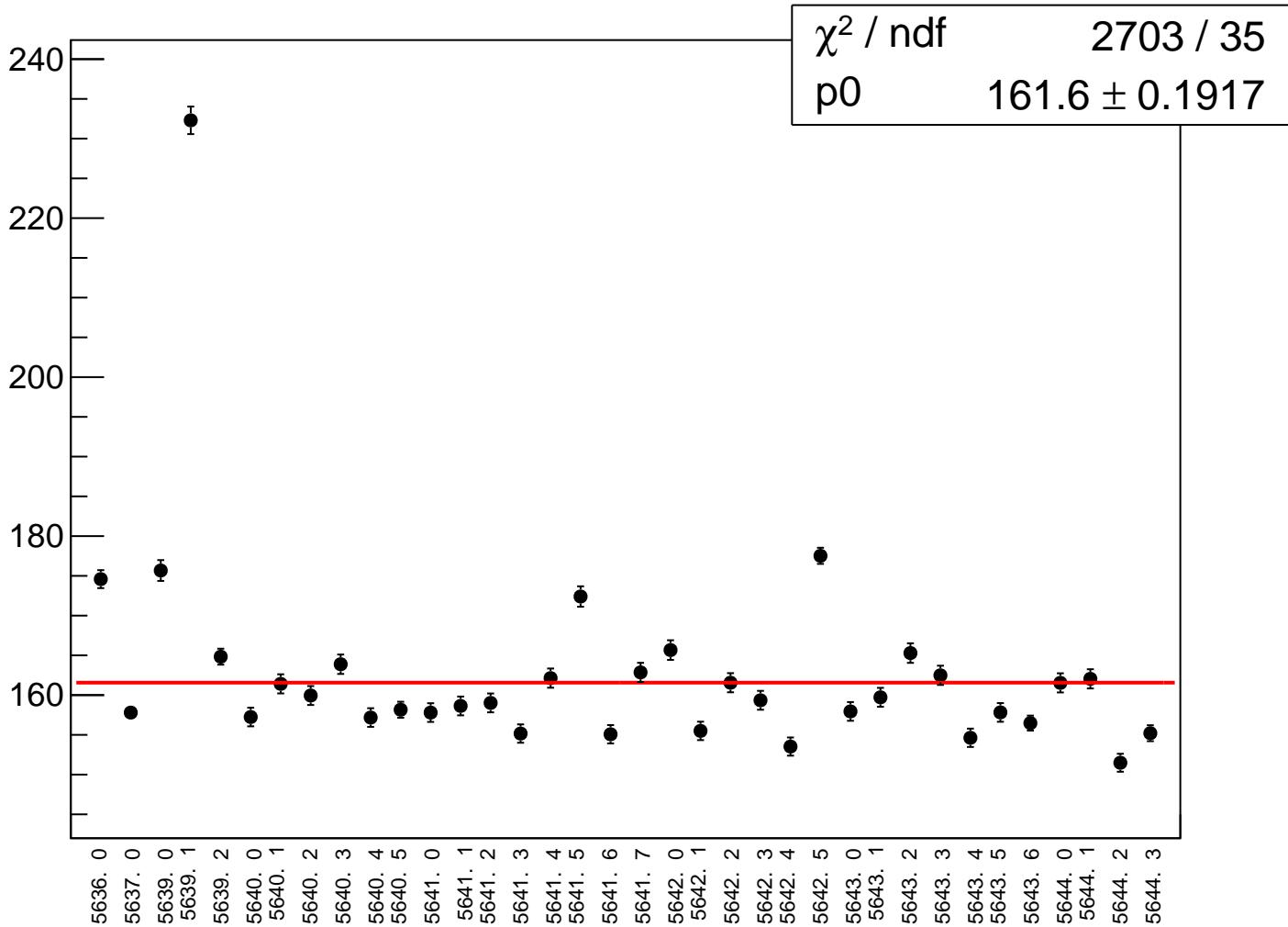
# yield\_bpm2i01WS\_rms vs run



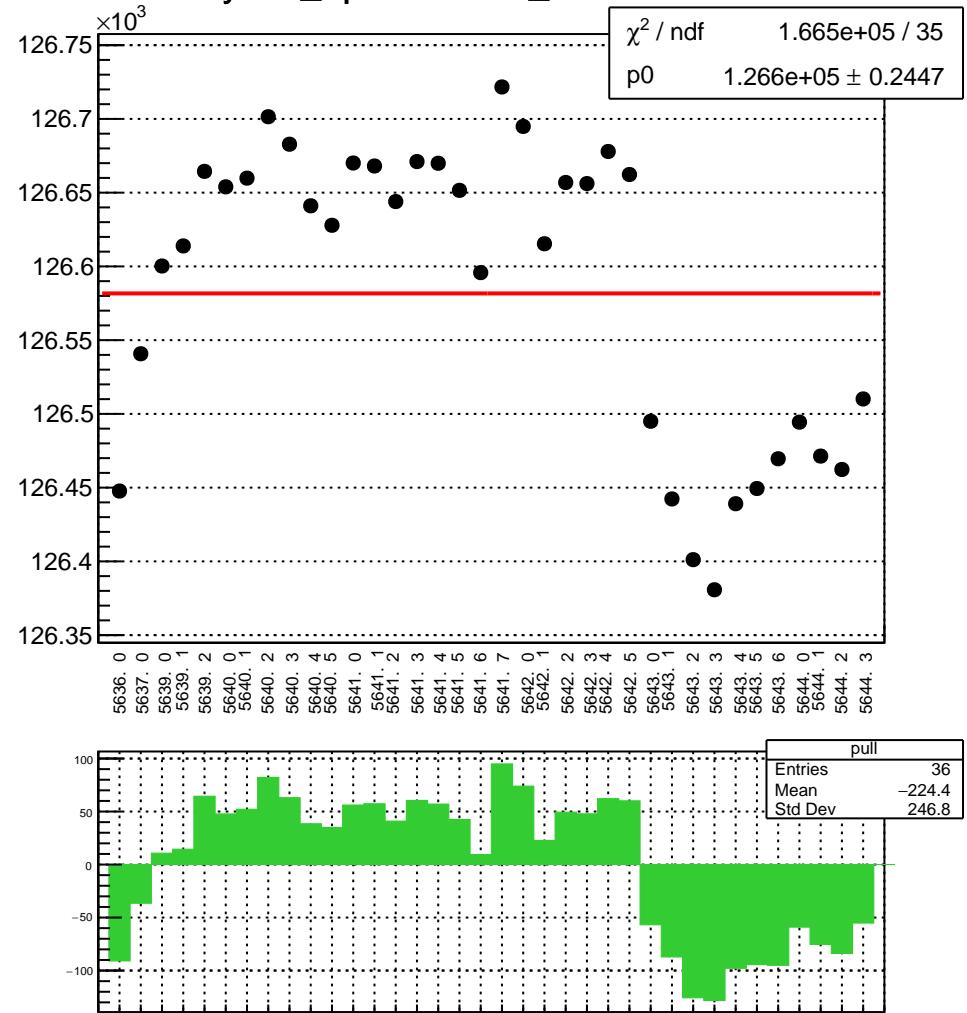
# yield\_bpm0i07WS\_mean vs run



# yield\_bpm0i07WS\_rms vs run



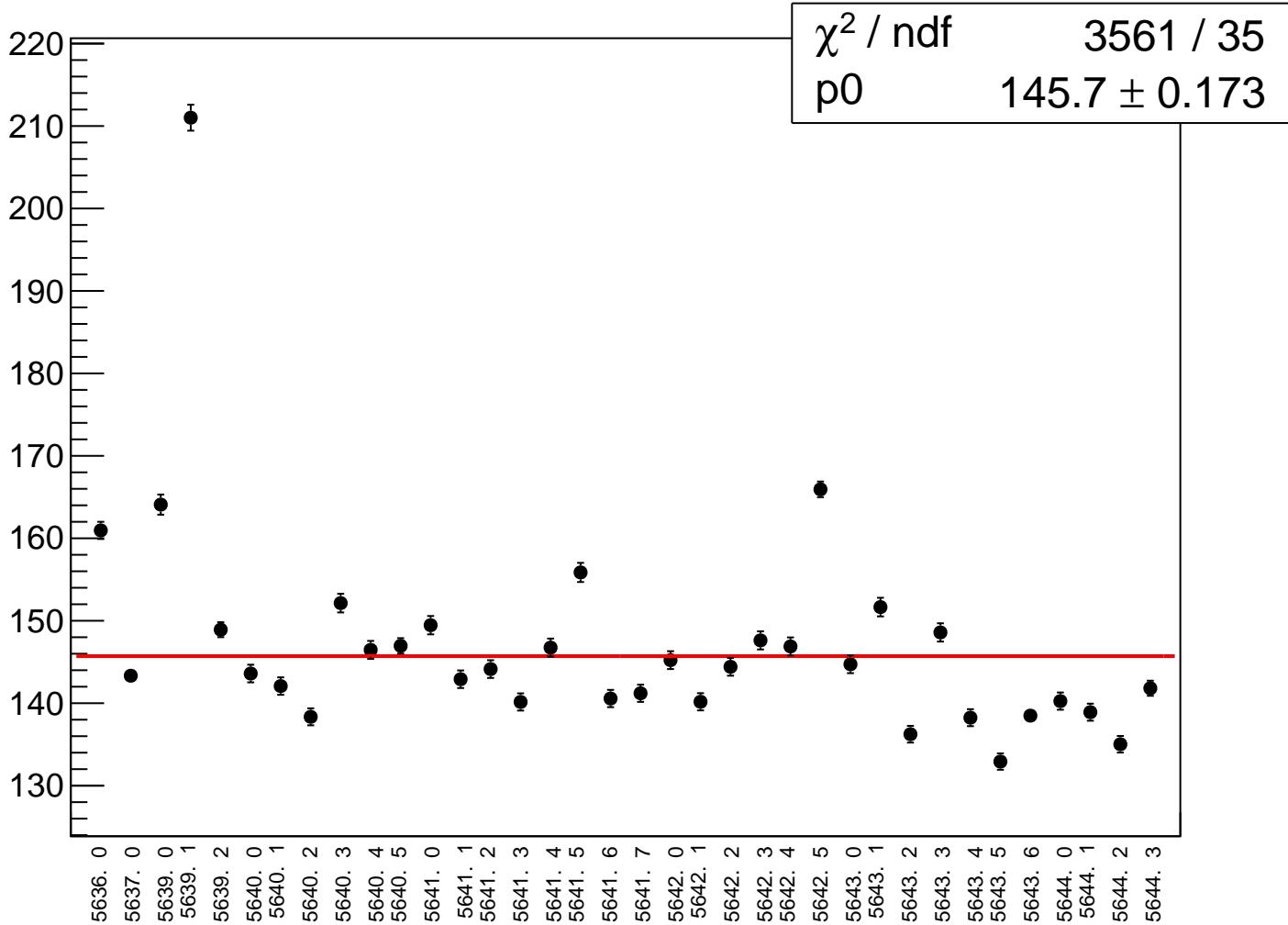
# yield\_bpm0l01WS\_mean vs run



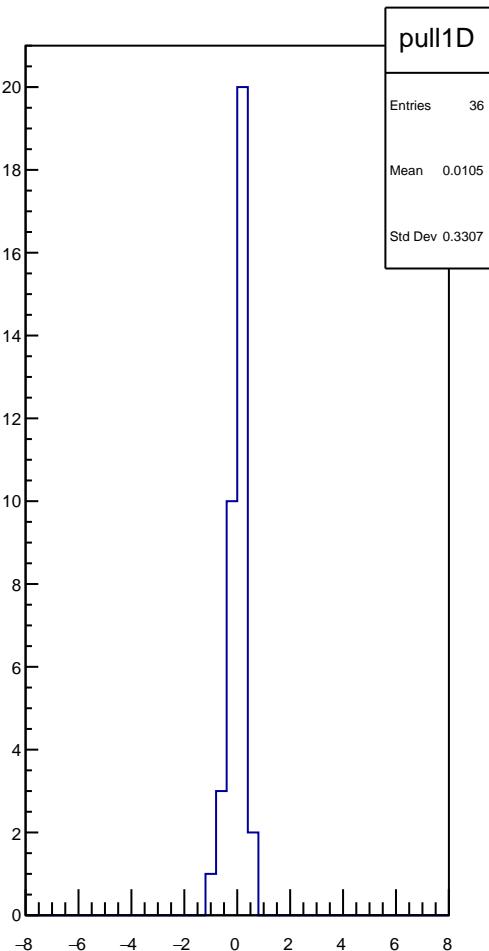
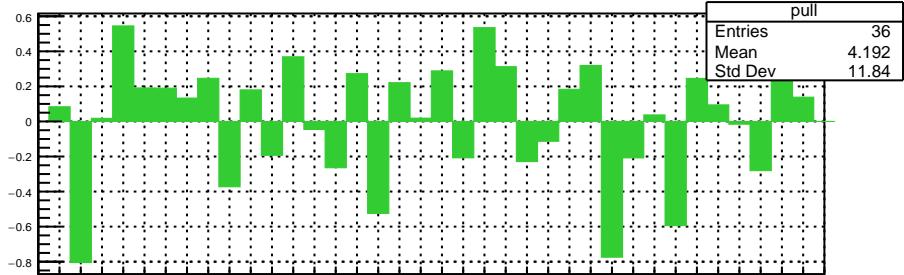
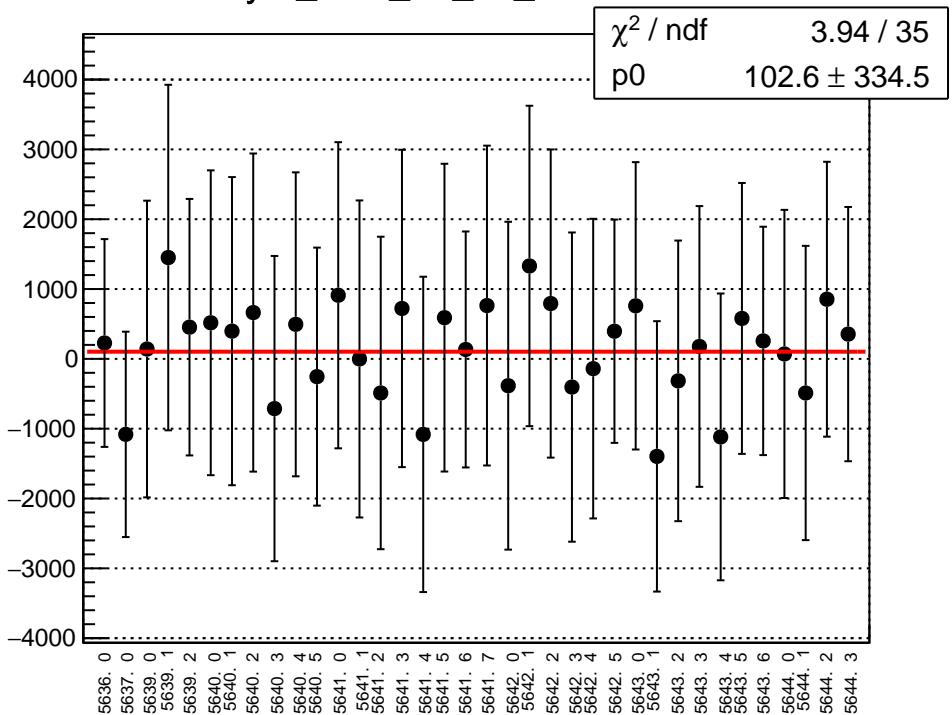
pull1D

Entries	36
Mean	0
Std Dev	0

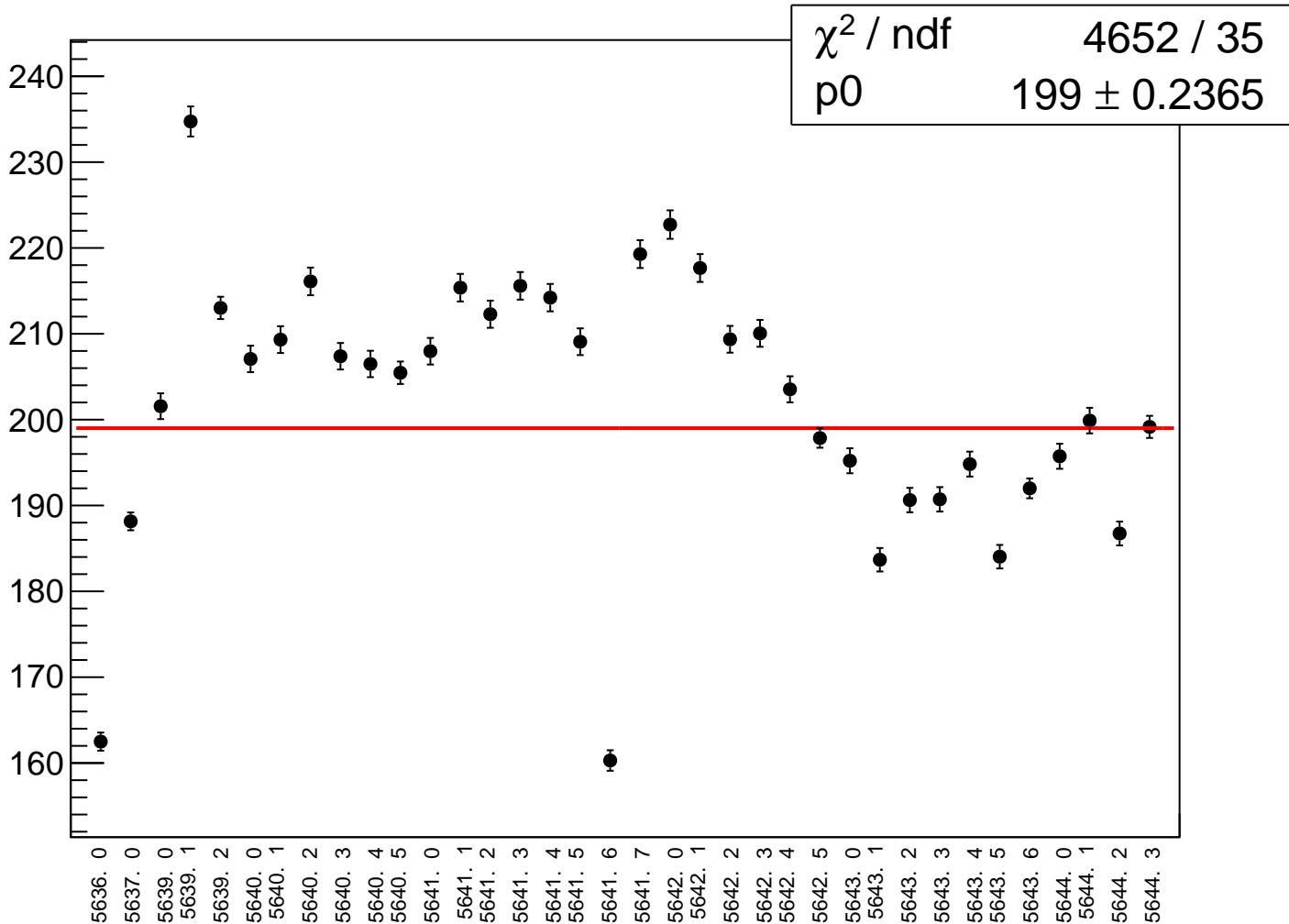
# yield\_bpm0l01WS\_rms vs run



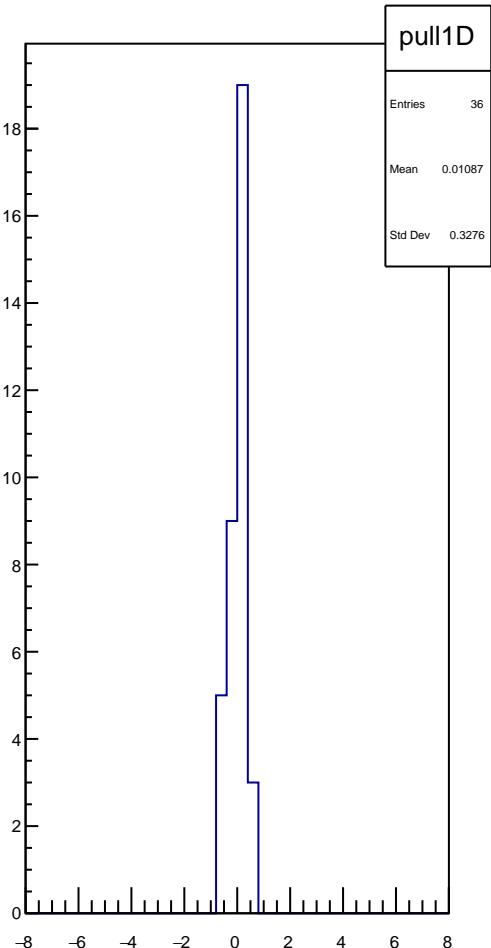
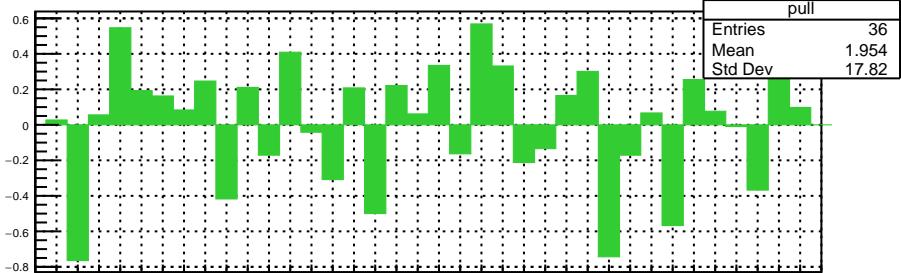
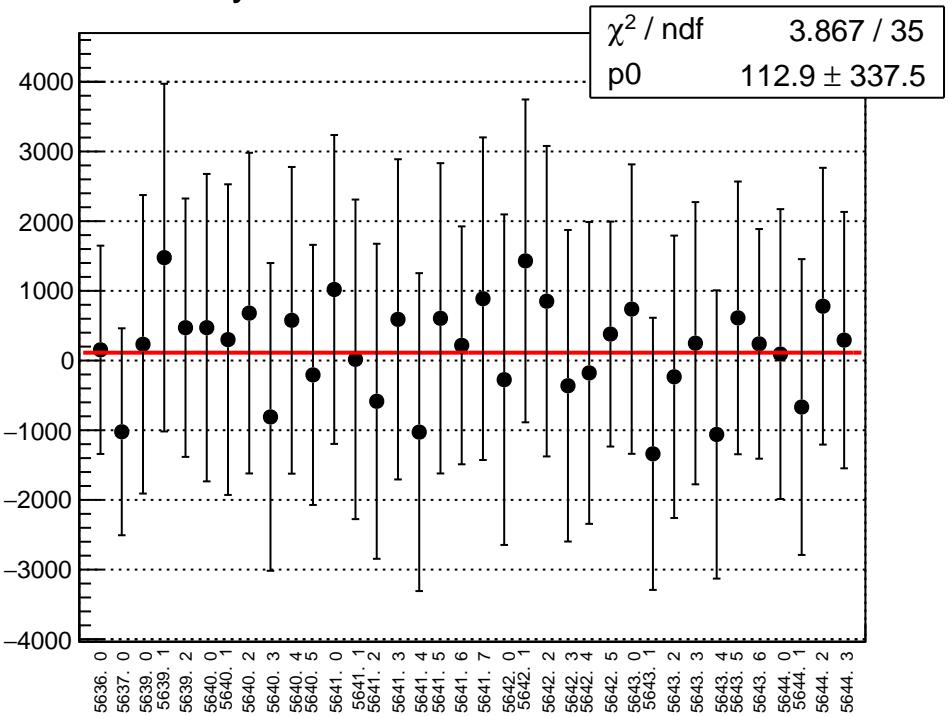
# asym\_bcm\_an\_ds\_mean vs run



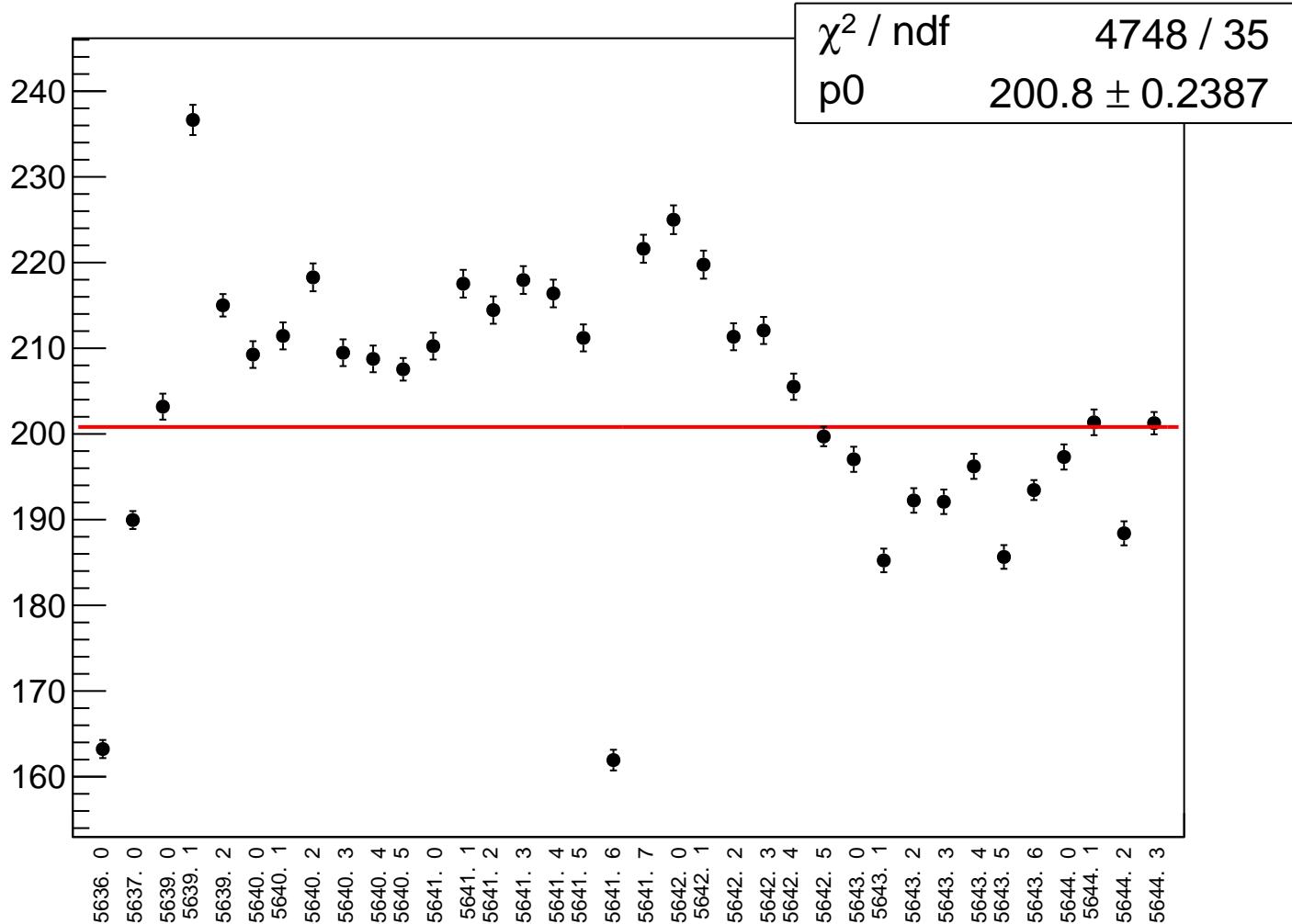
# asym\_bcm\_an\_ds\_rms vs run



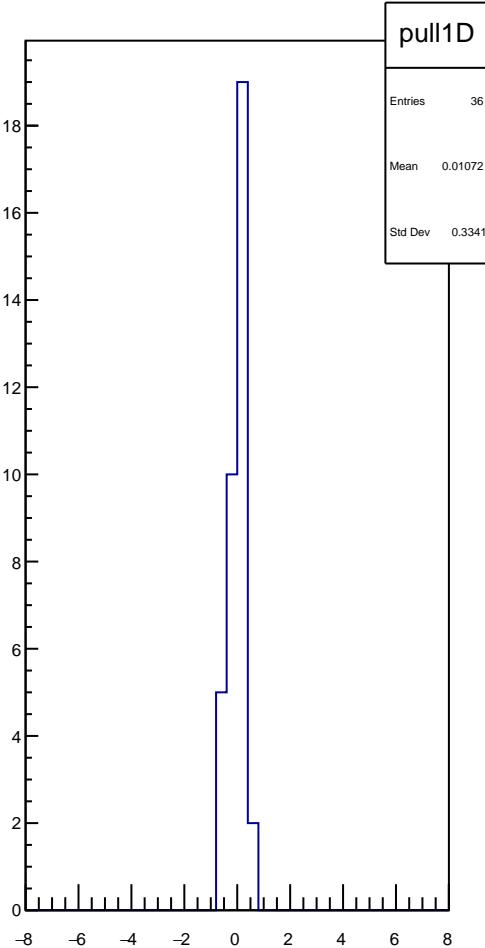
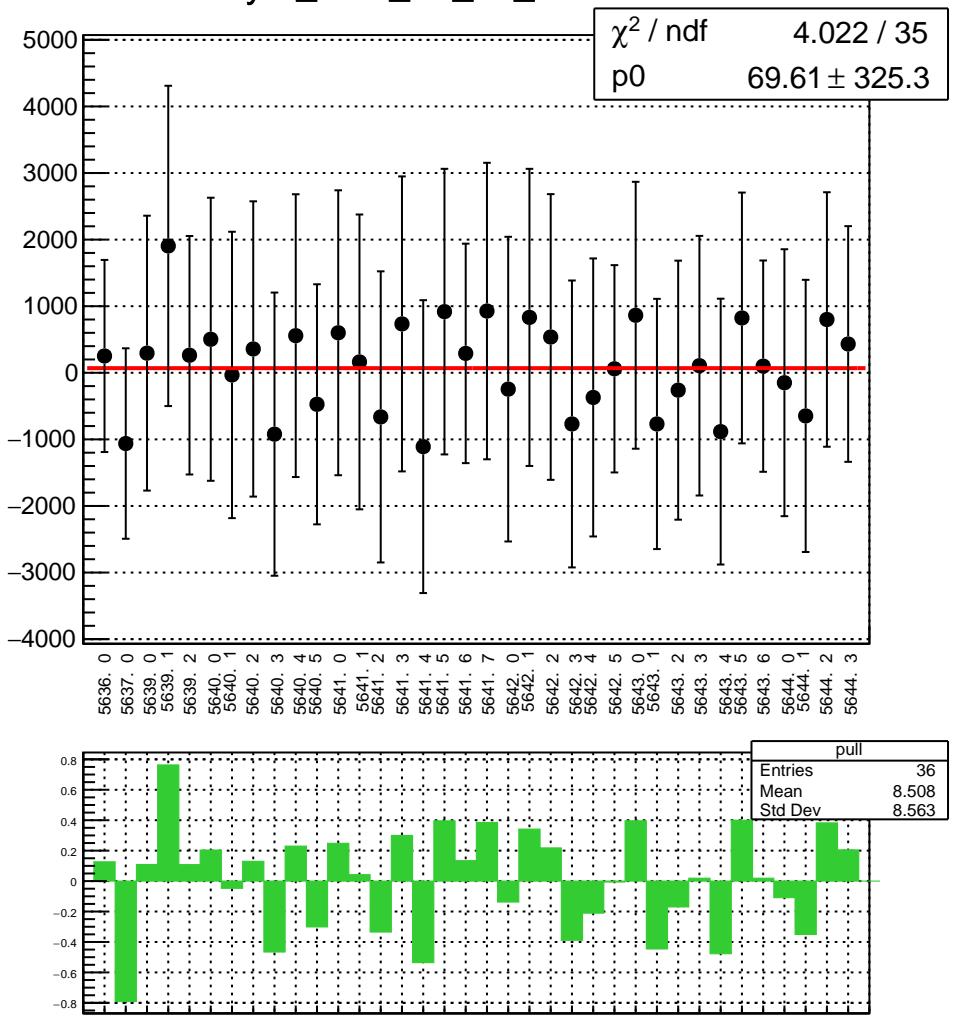
# asym\_bcm\_an\_ds3\_mean vs run



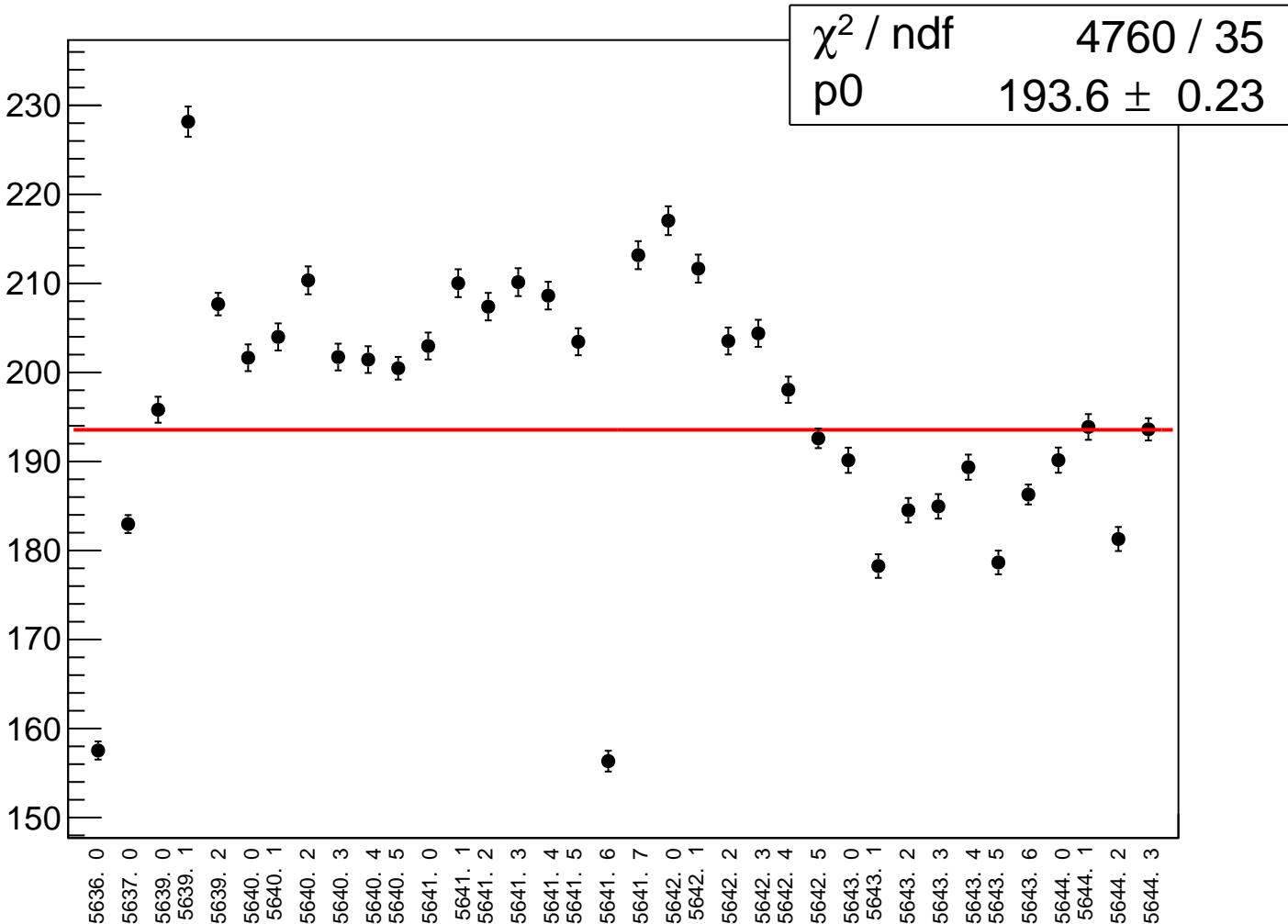
# asym\_bcm\_an\_ds3\_rms vs run



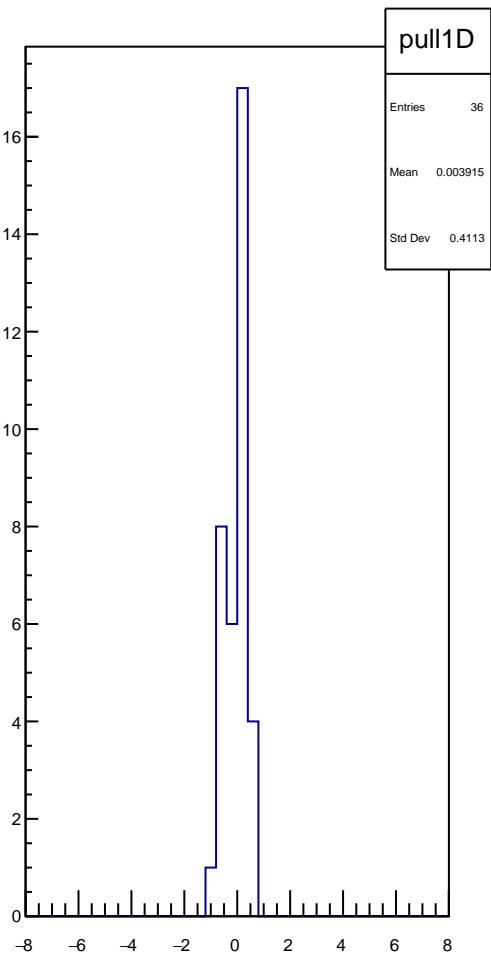
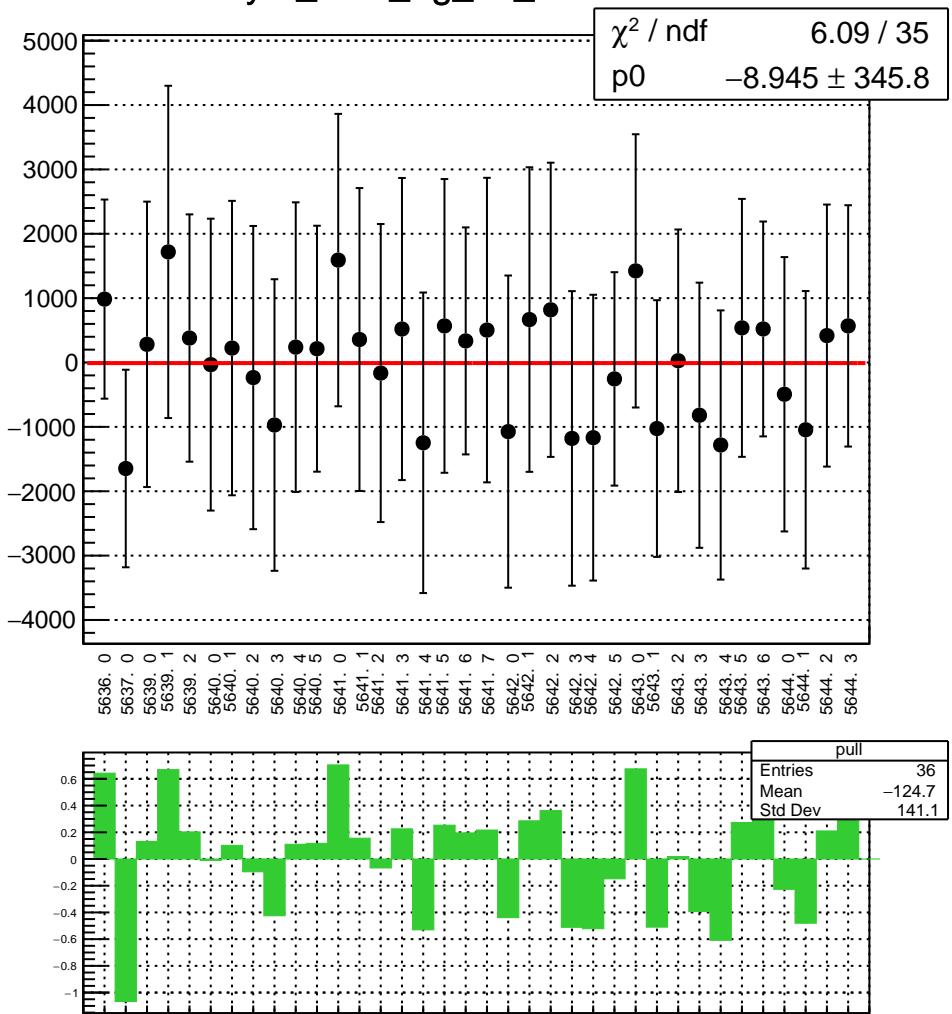
# asym\_bcm\_an\_us\_mean vs run



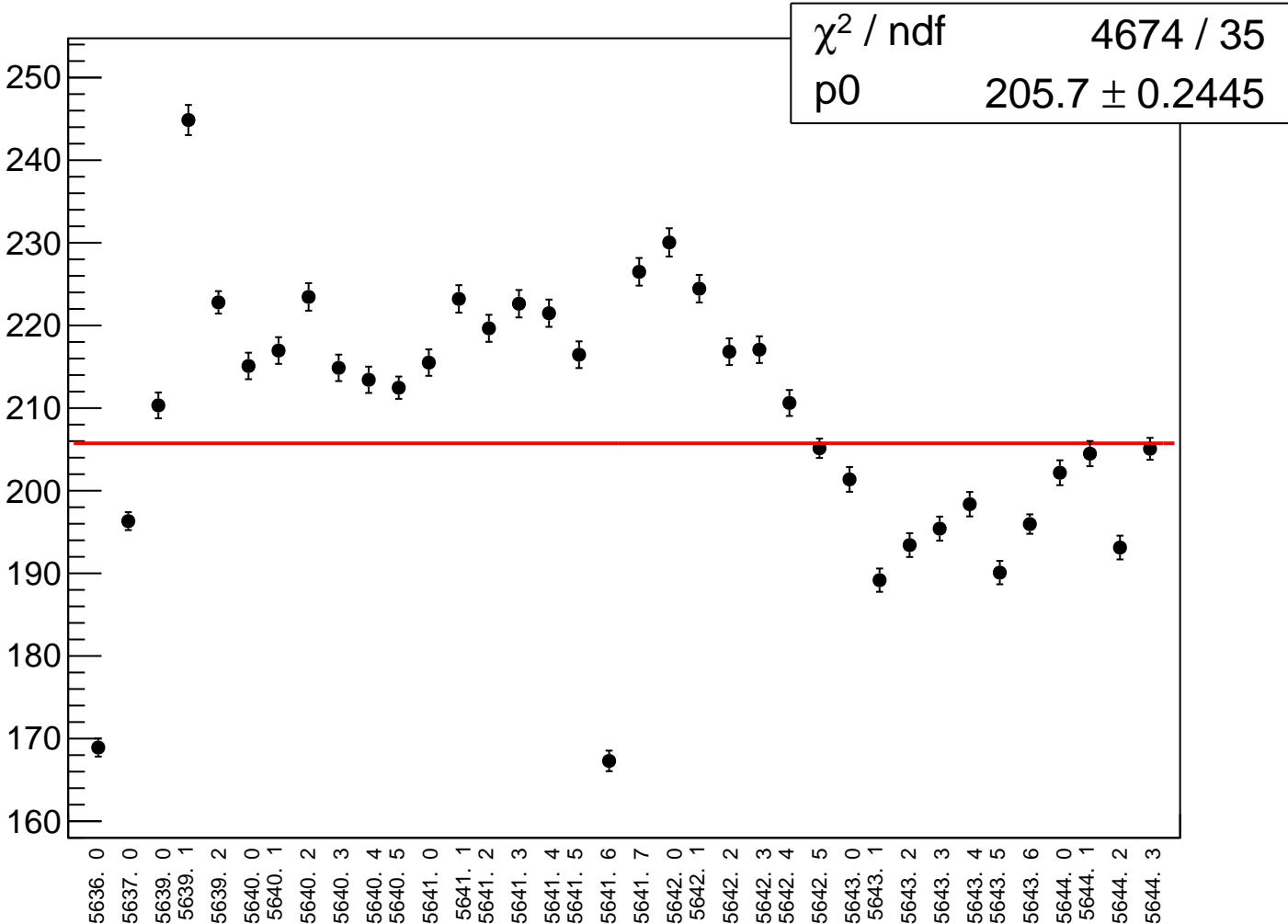
# asym\_bcm\_an\_us\_rms vs run



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

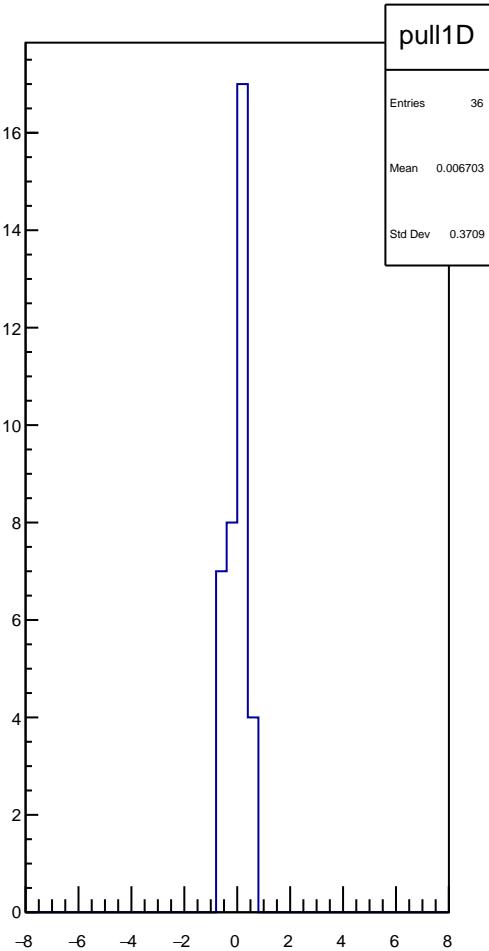
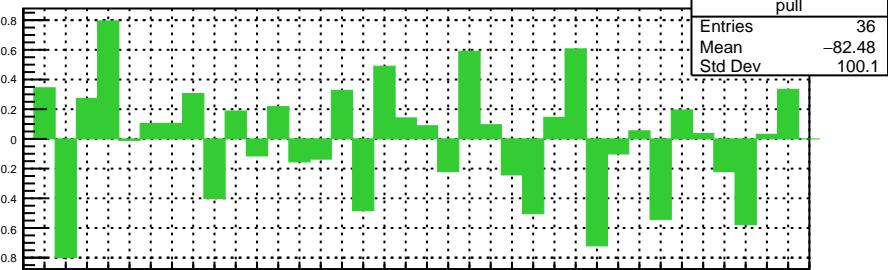
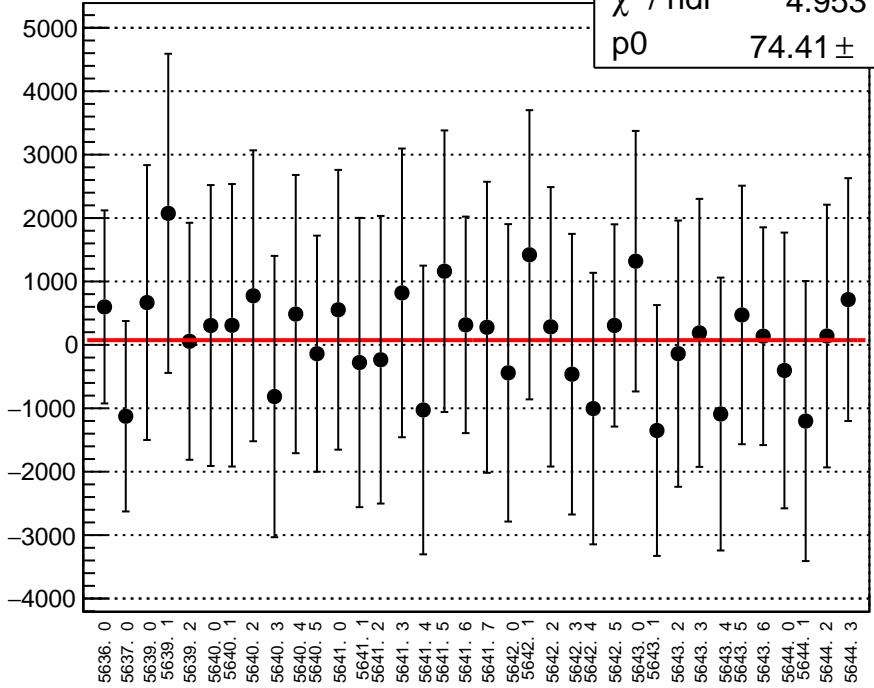


# asym\_bcm\_dg\_us\_rms vs run

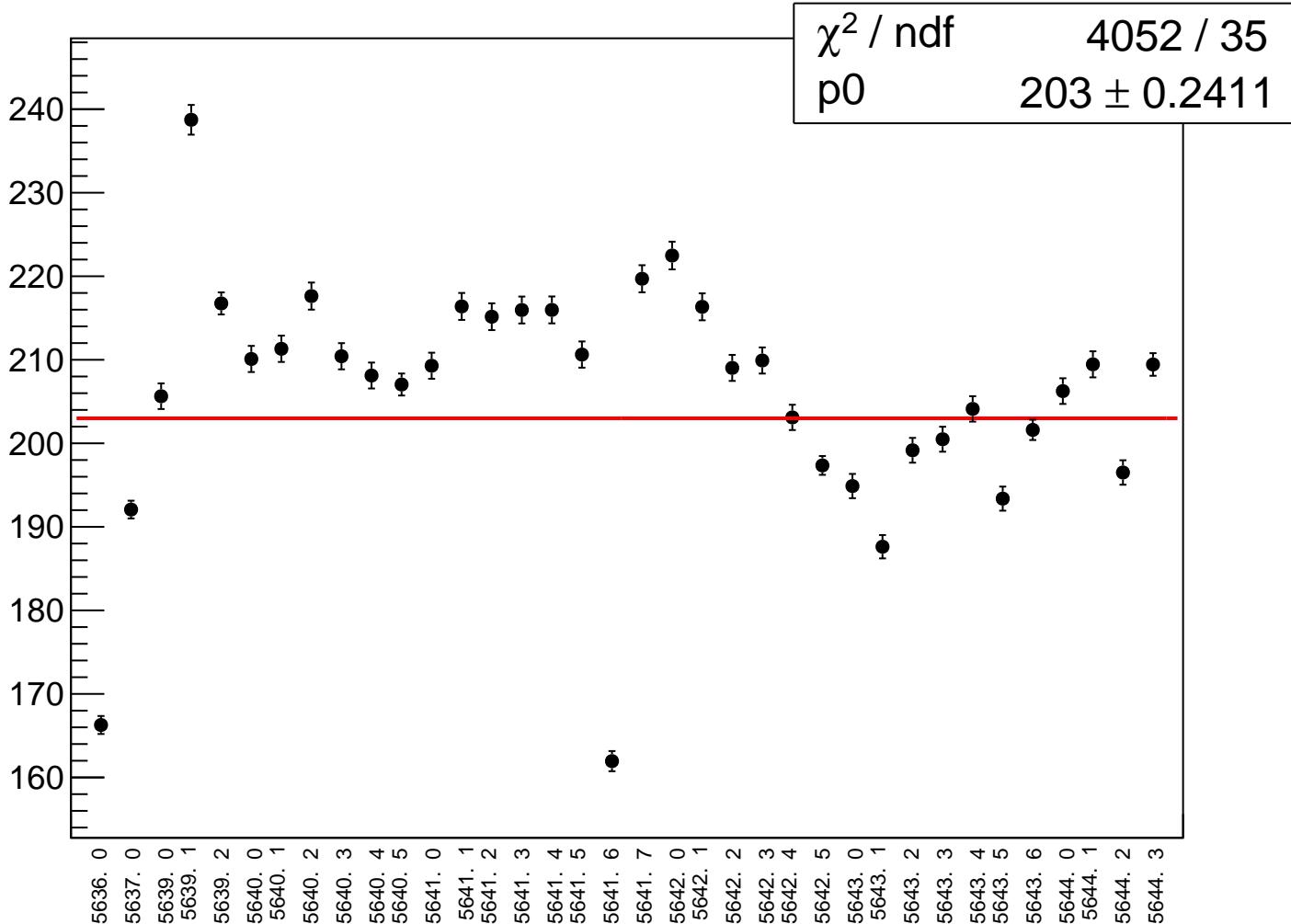


# asym\_bcm\_dg\_ds\_mean vs run

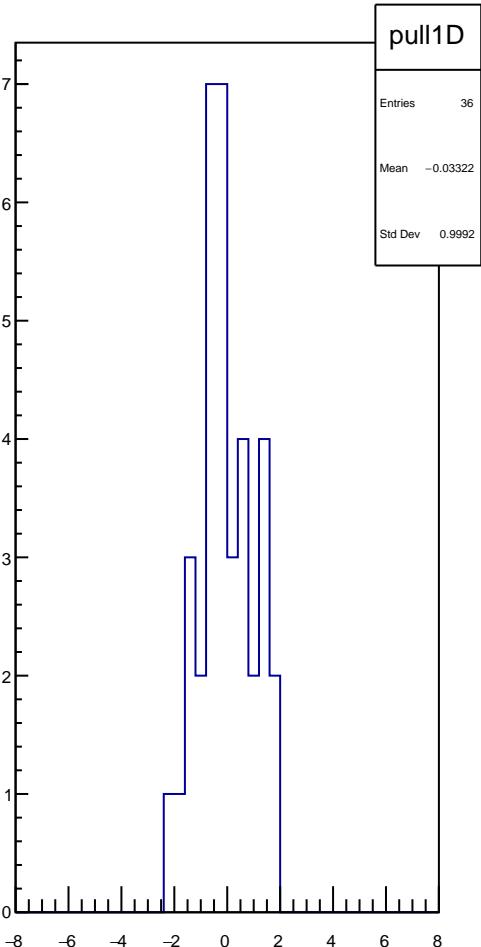
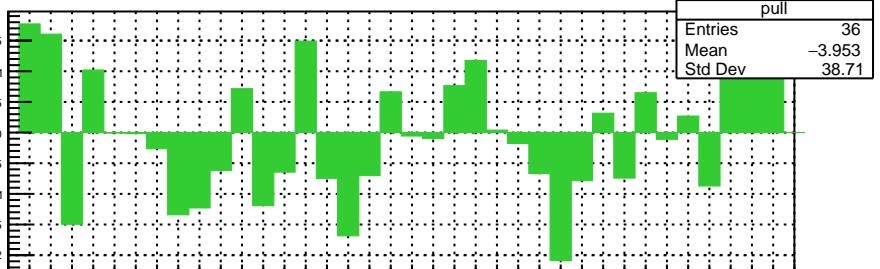
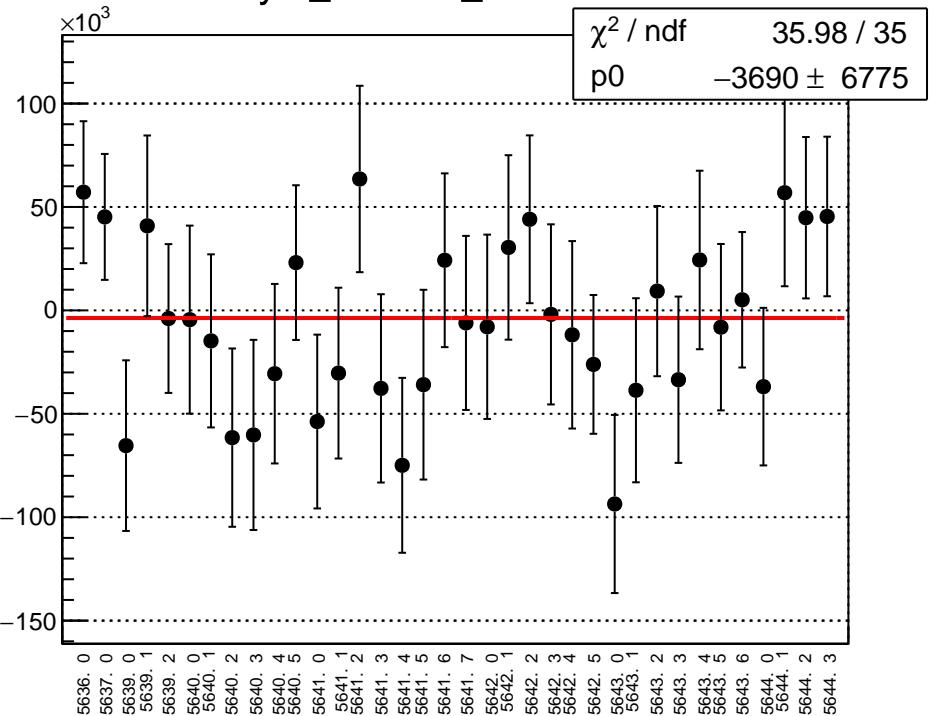
$\chi^2 / \text{ndf}$  4.953 / 35  
 $p_0$   $74.41 \pm 341$



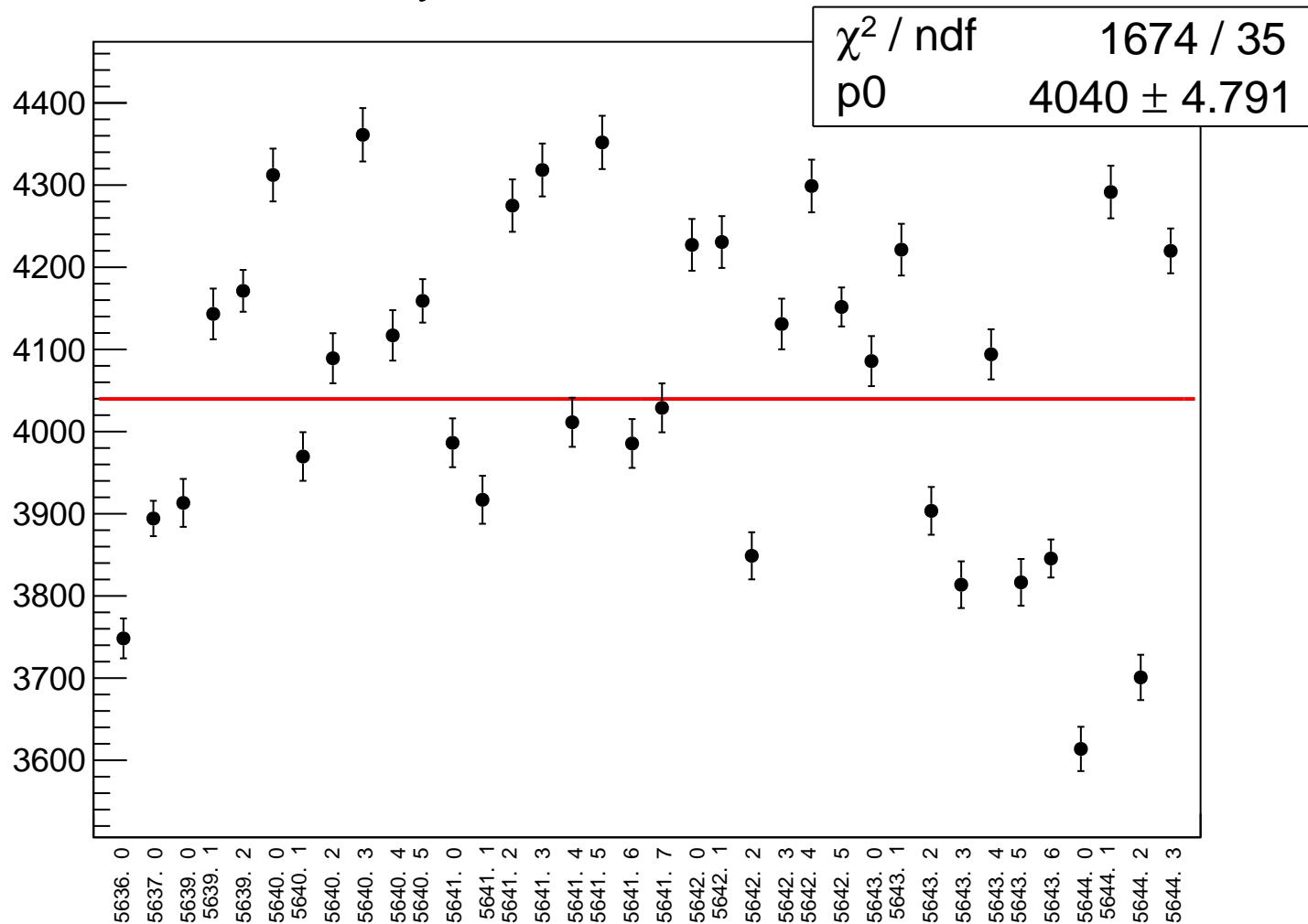
# asym\_bcm\_dg\_ds\_rms vs run



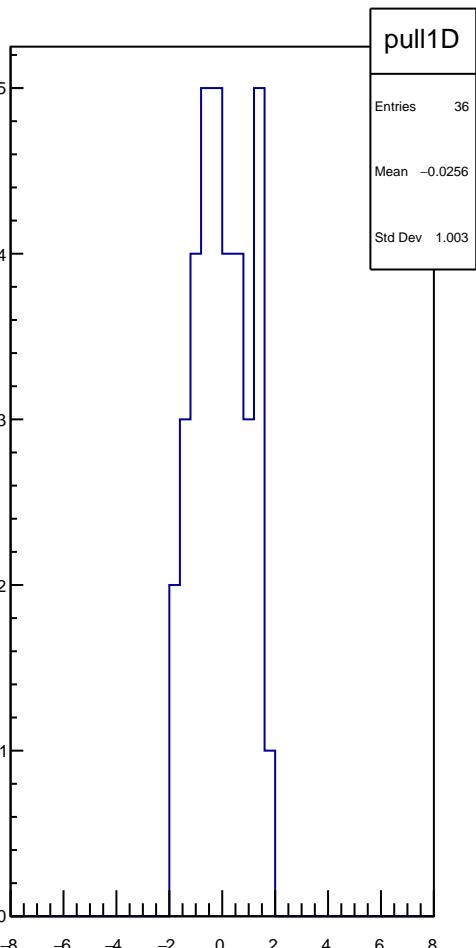
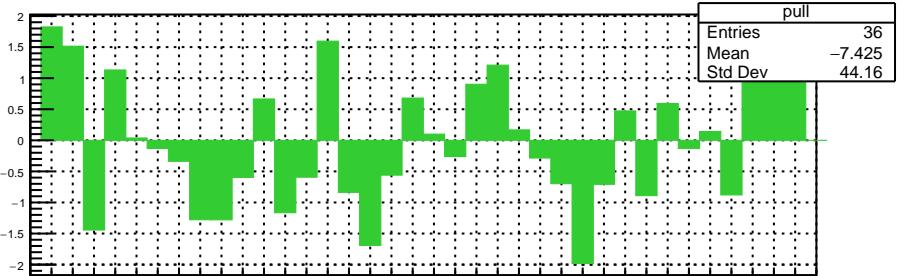
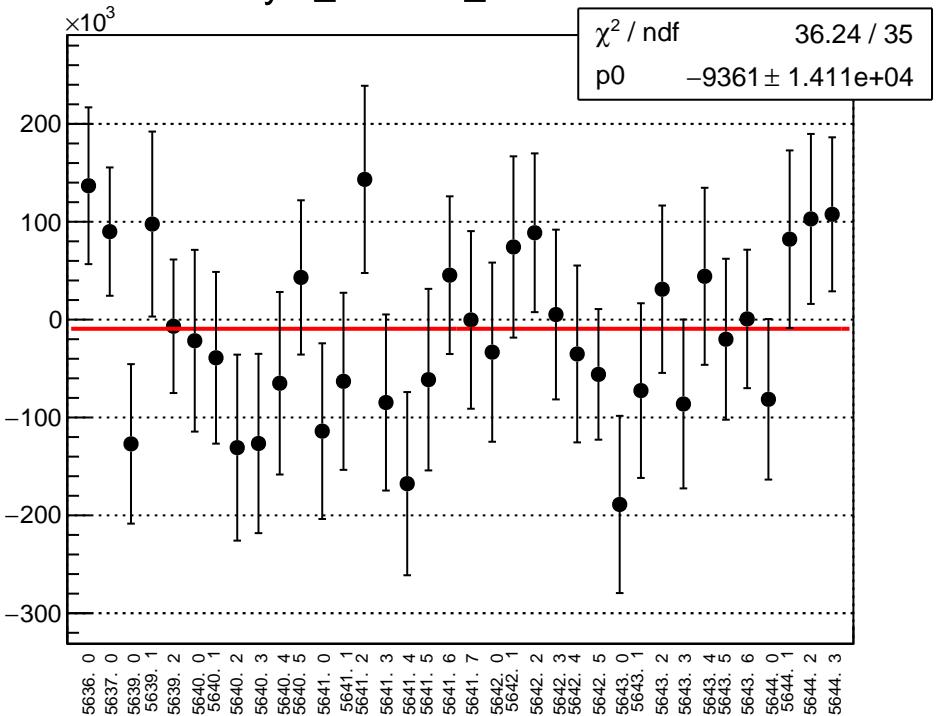
# asym\_cav4bQ\_mean vs run



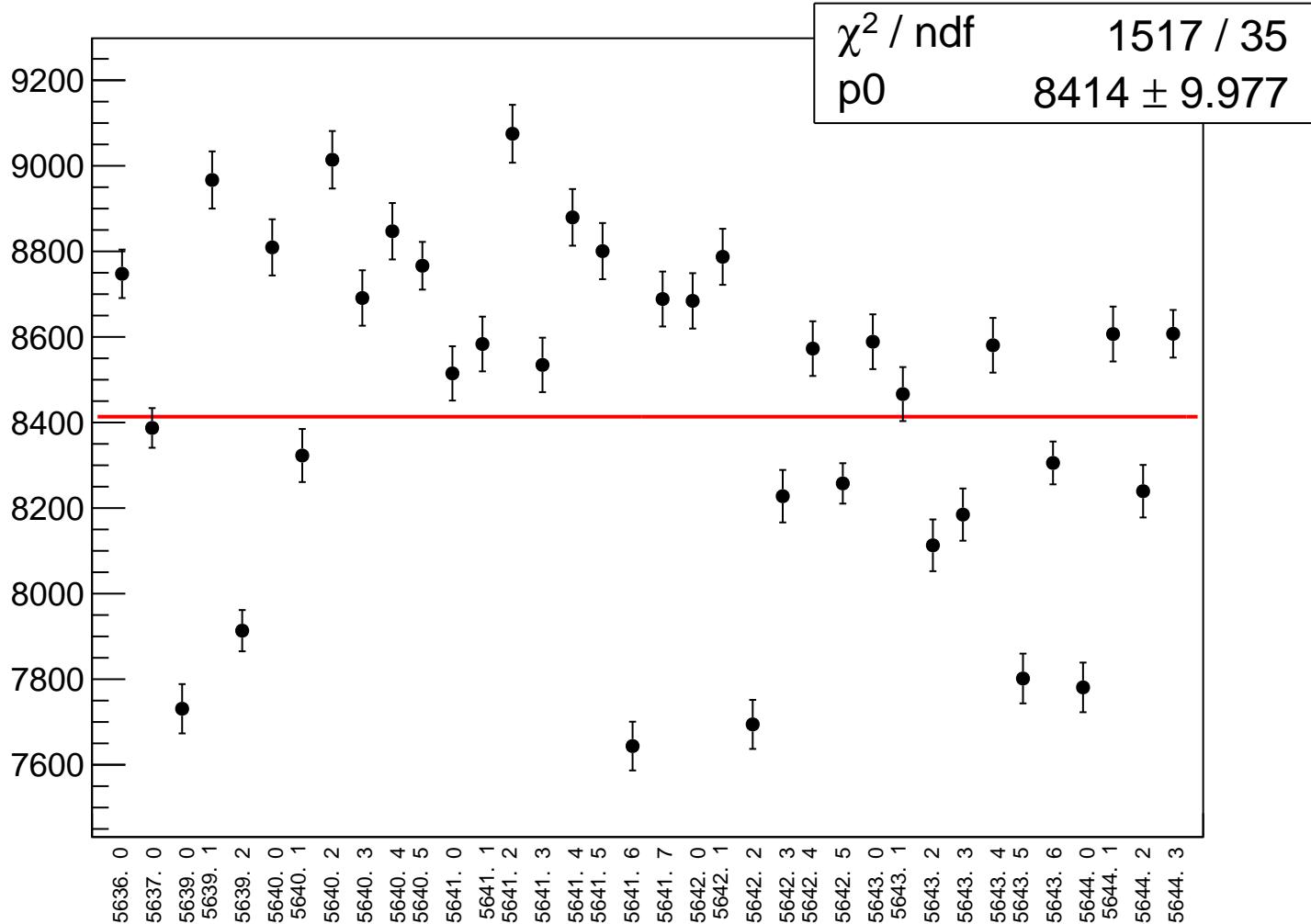
# asym\_cav4bQ\_rms vs run



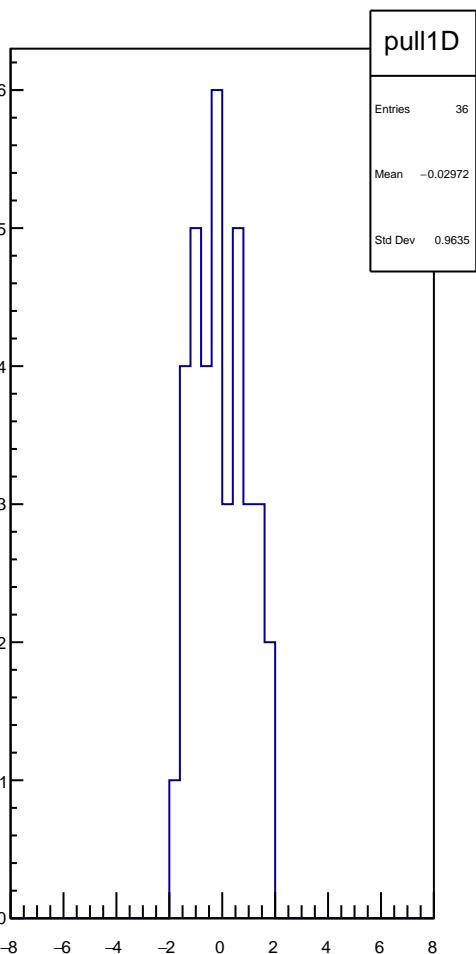
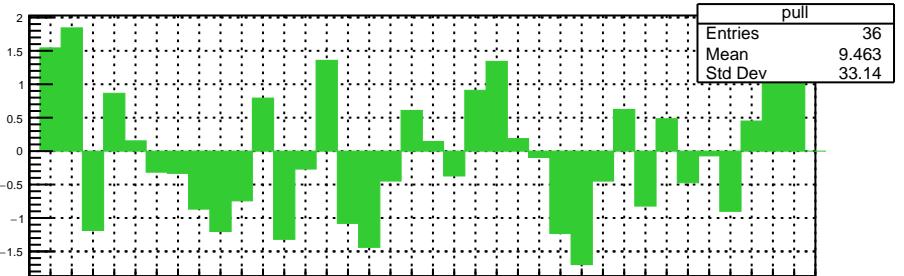
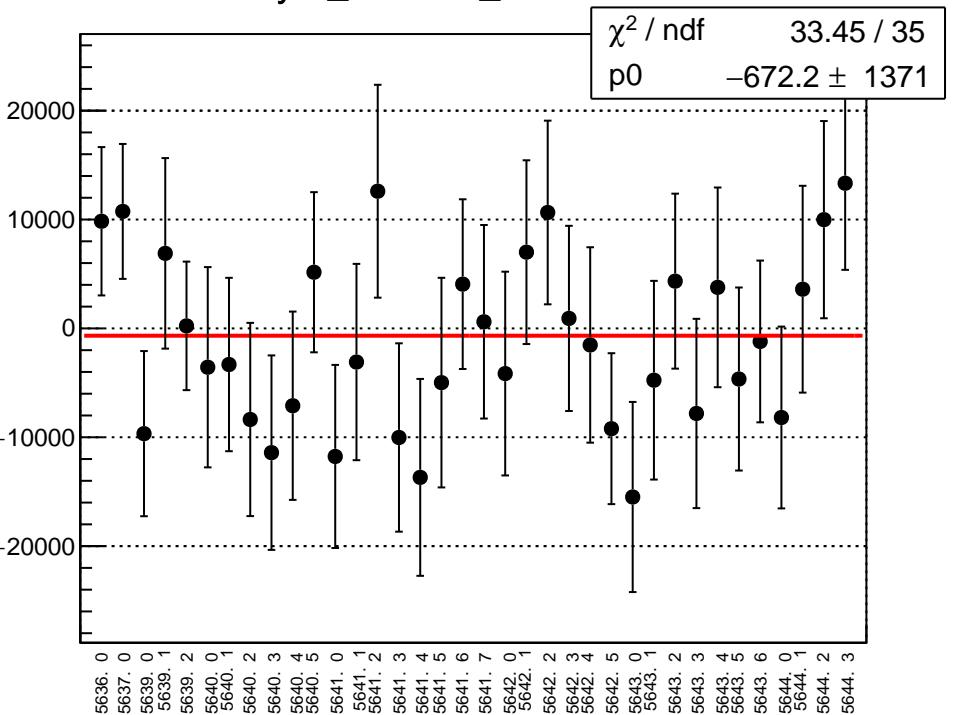
# asym\_cav4cQ\_mean vs run



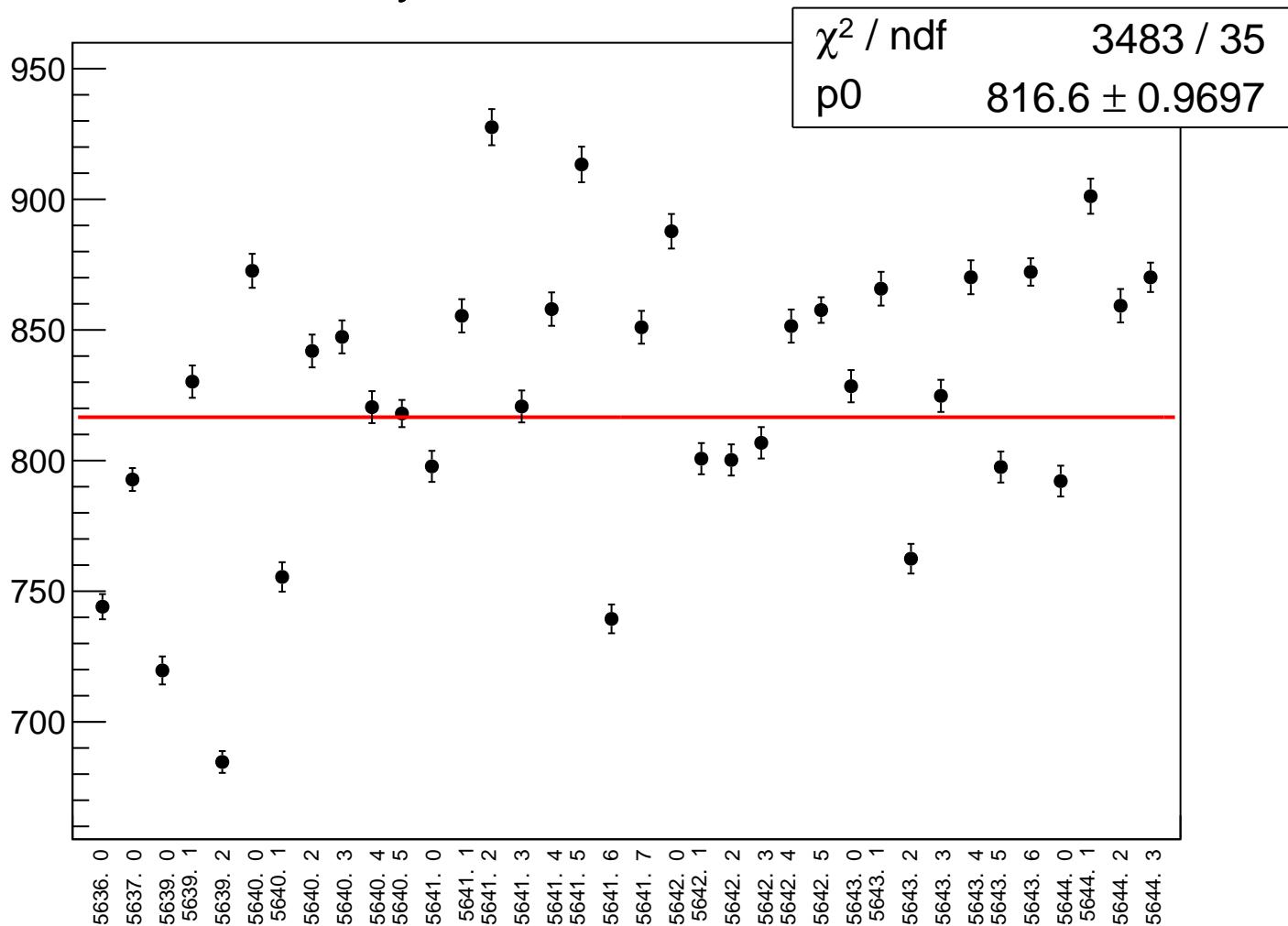
# asym\_cav4cQ\_rms vs run



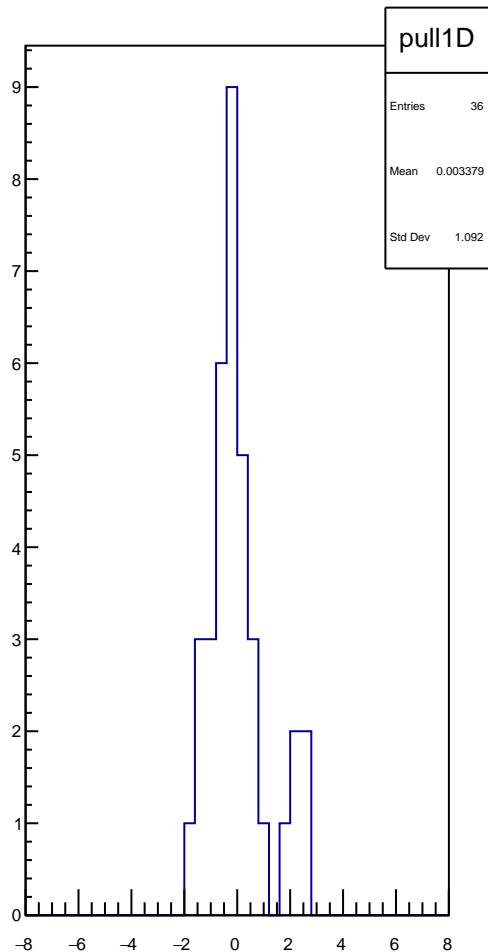
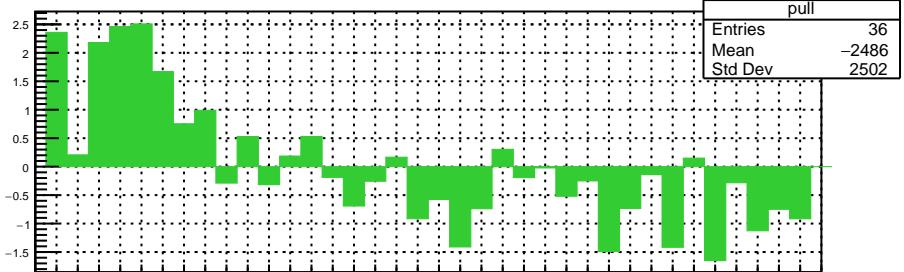
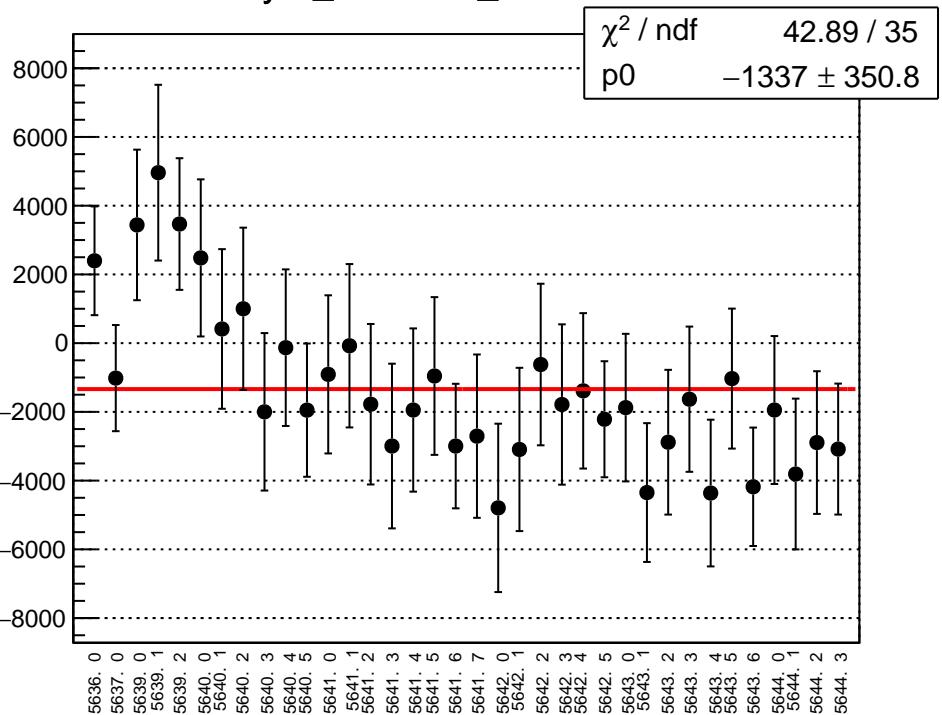
# asym\_cav4dQ\_mean vs run



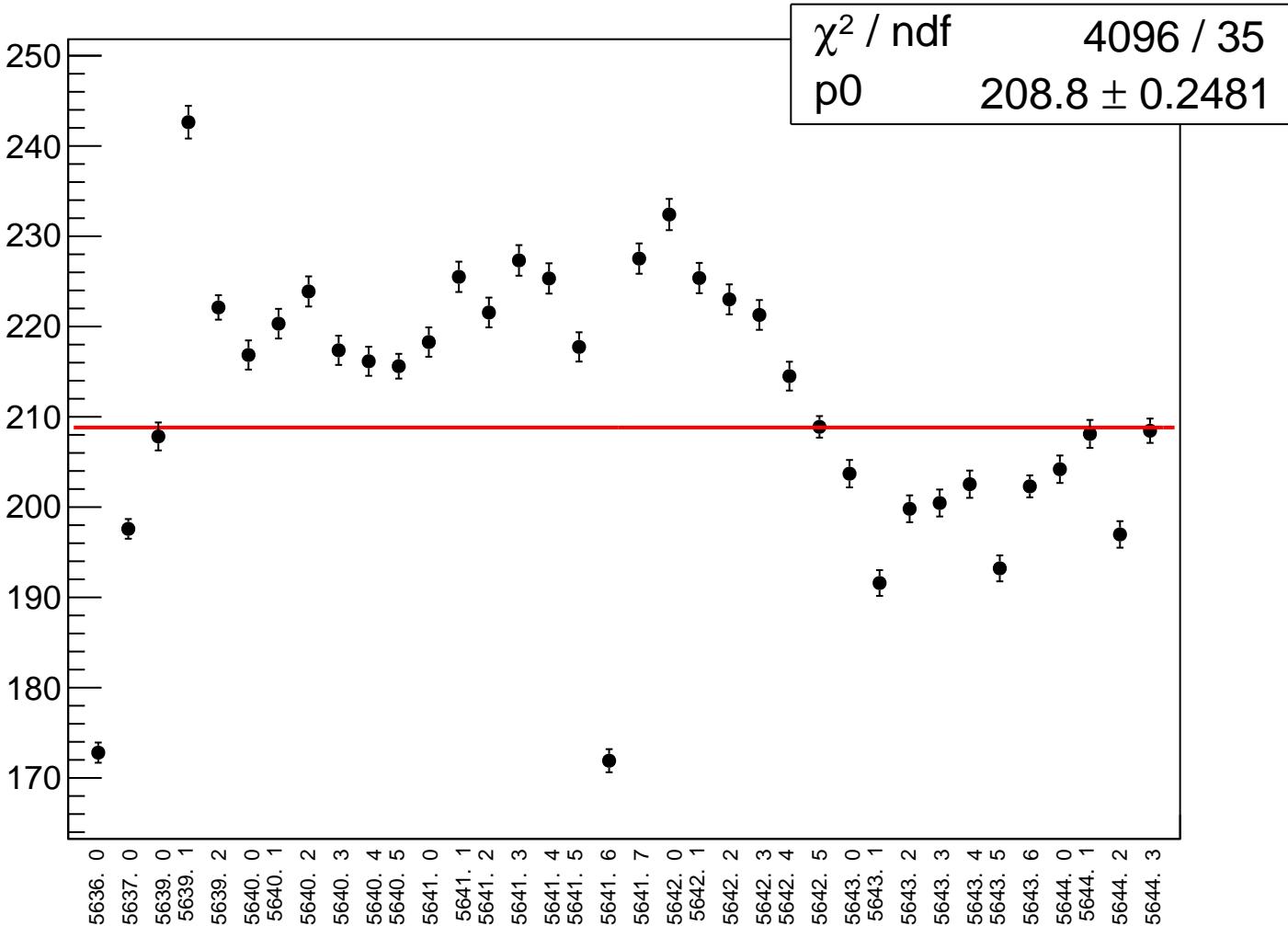
# asym\_cav4dQ\_rms vs run



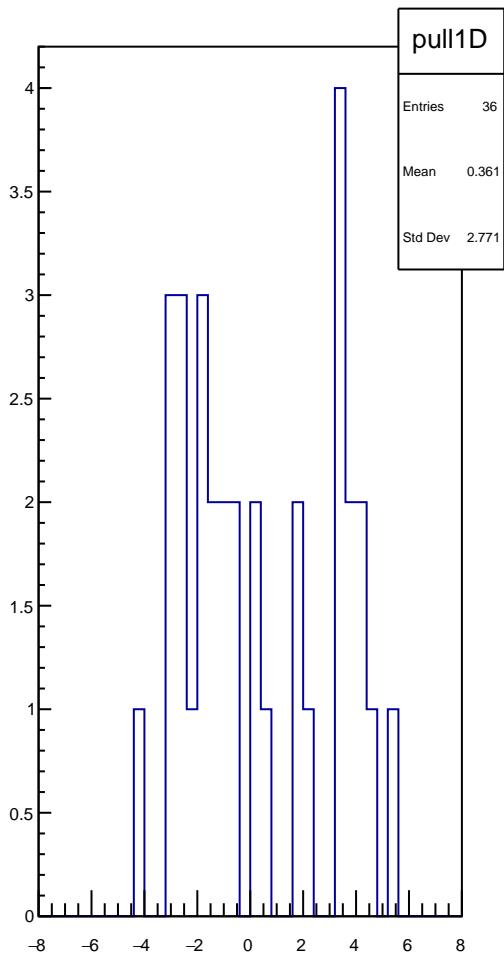
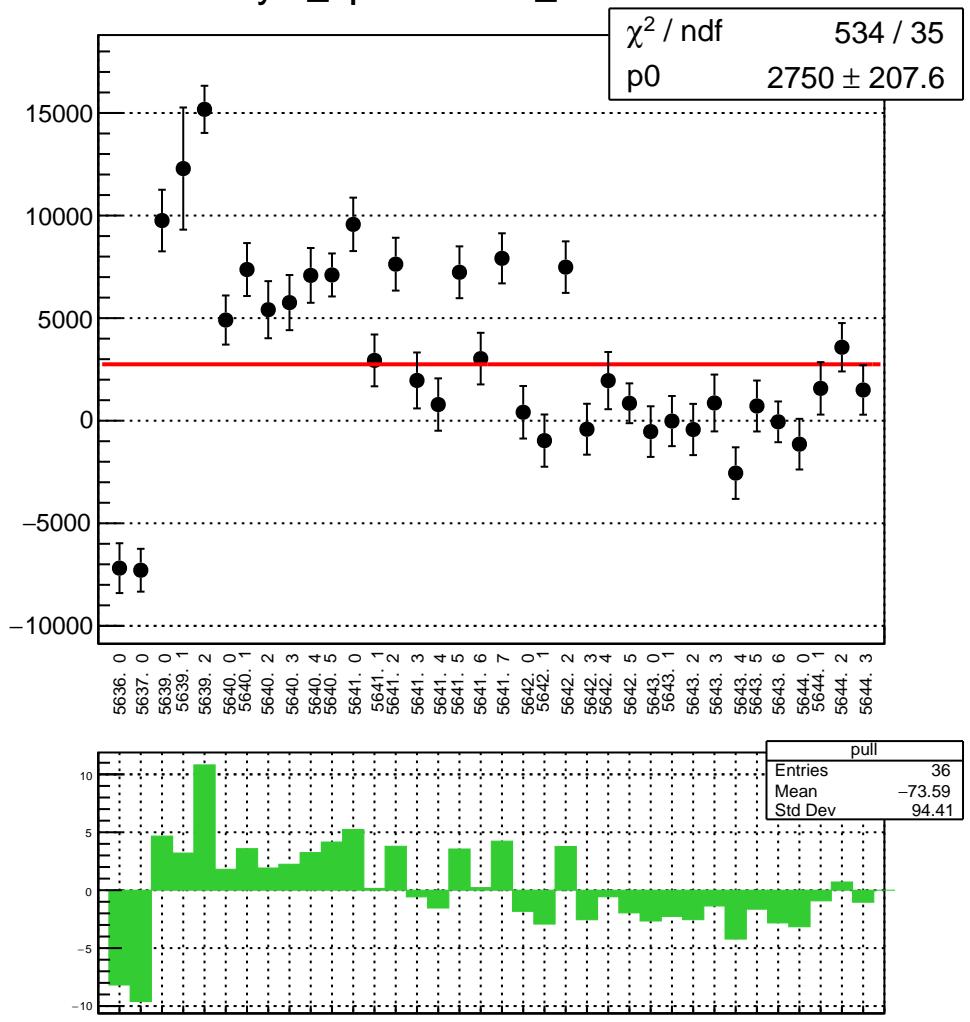
# asym\_bcm0l02\_mean vs run



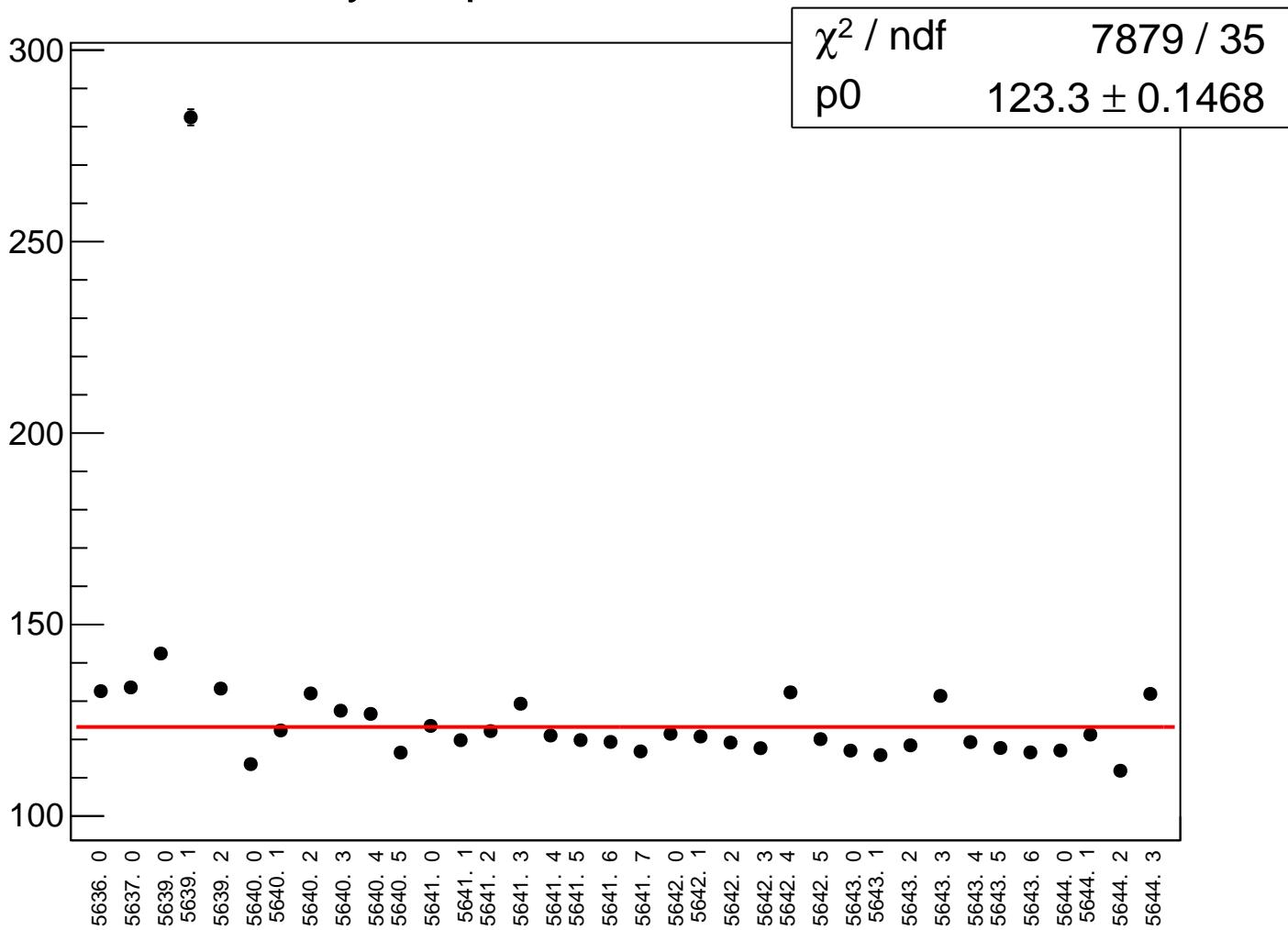
# asym\_bcm0l02\_rms vs run



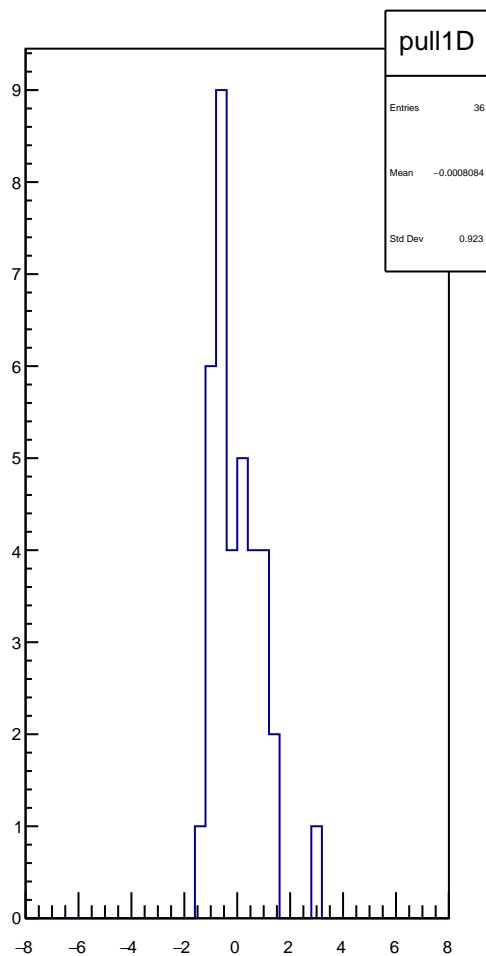
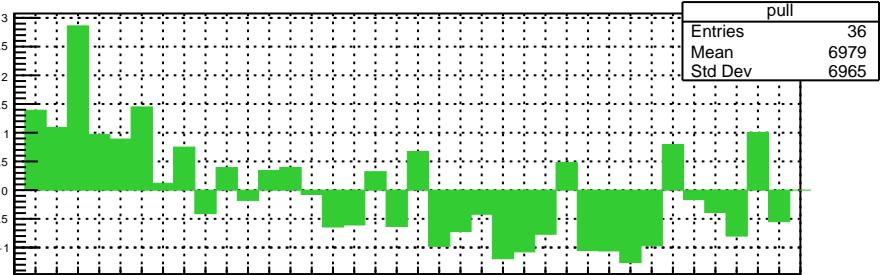
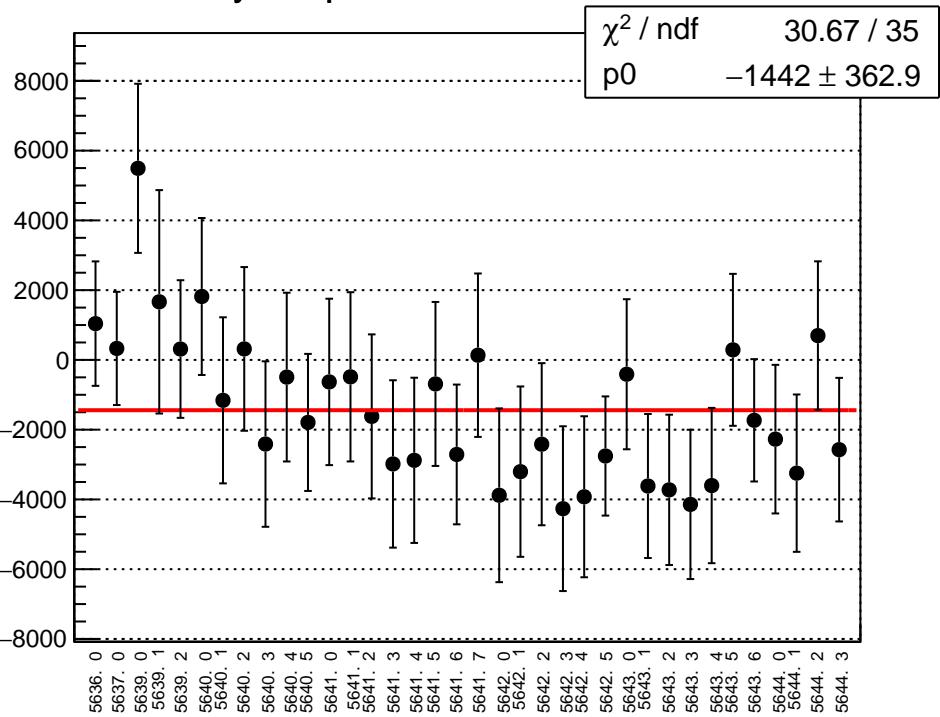
# asym\_bpm2i01WS\_mean vs run



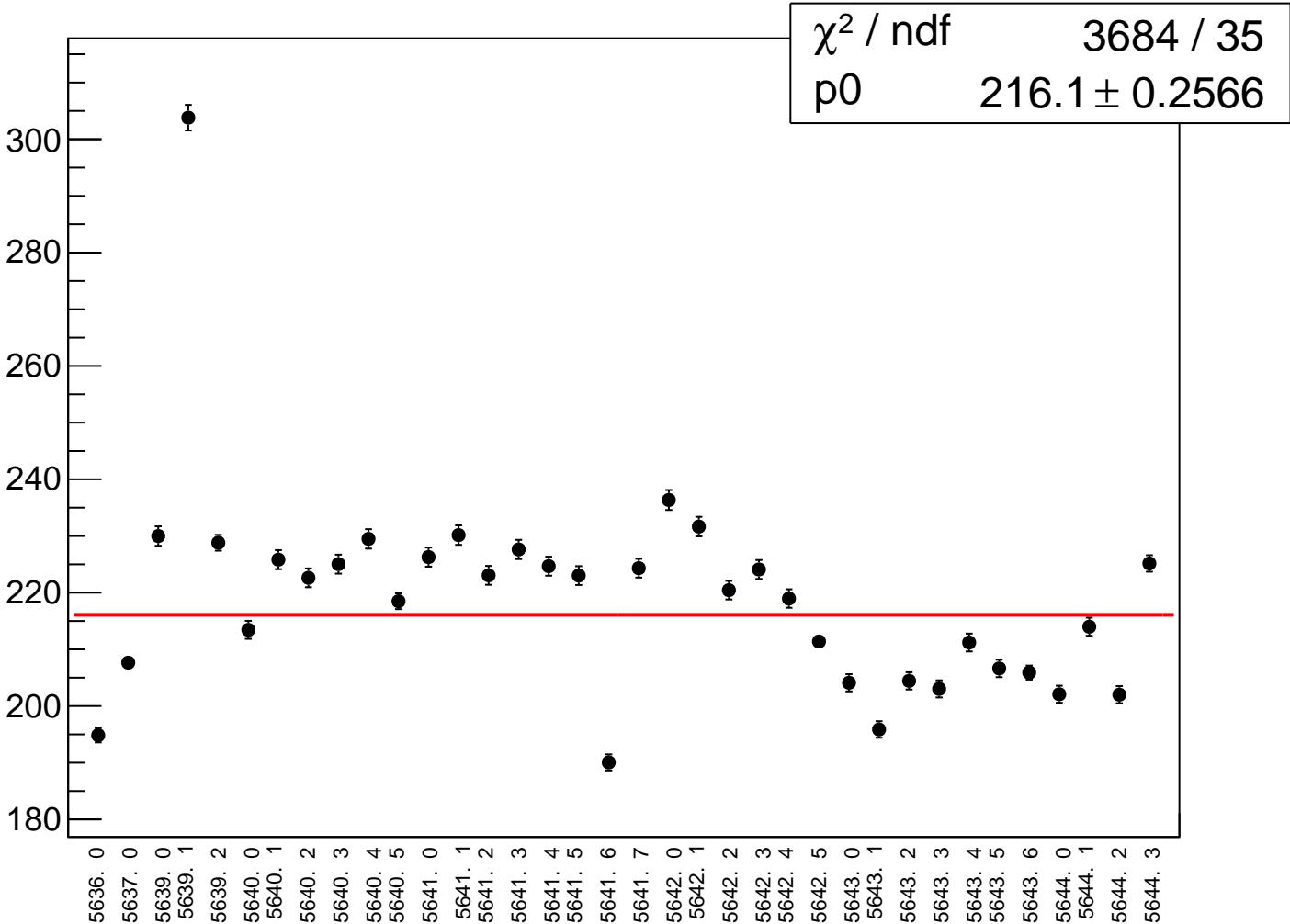
# asym\_bpm2i01WS\_rms vs run



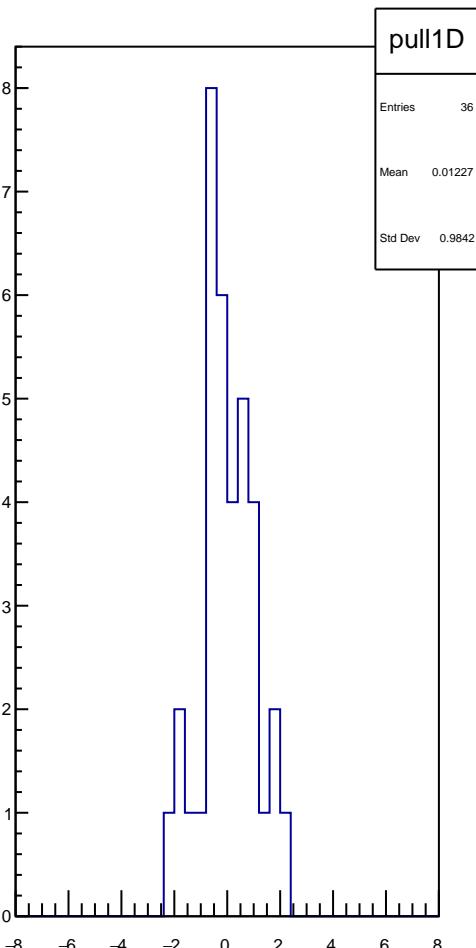
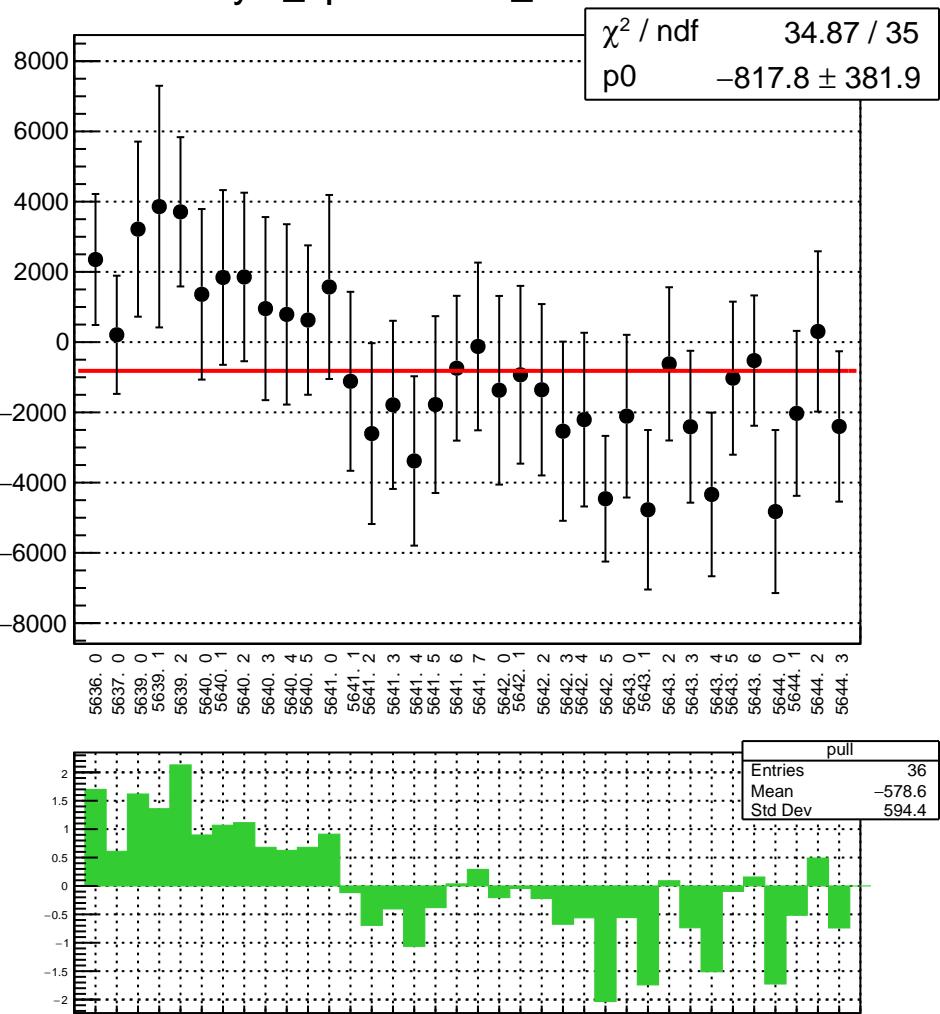
# asym\_bpm0i07WS\_mean vs run



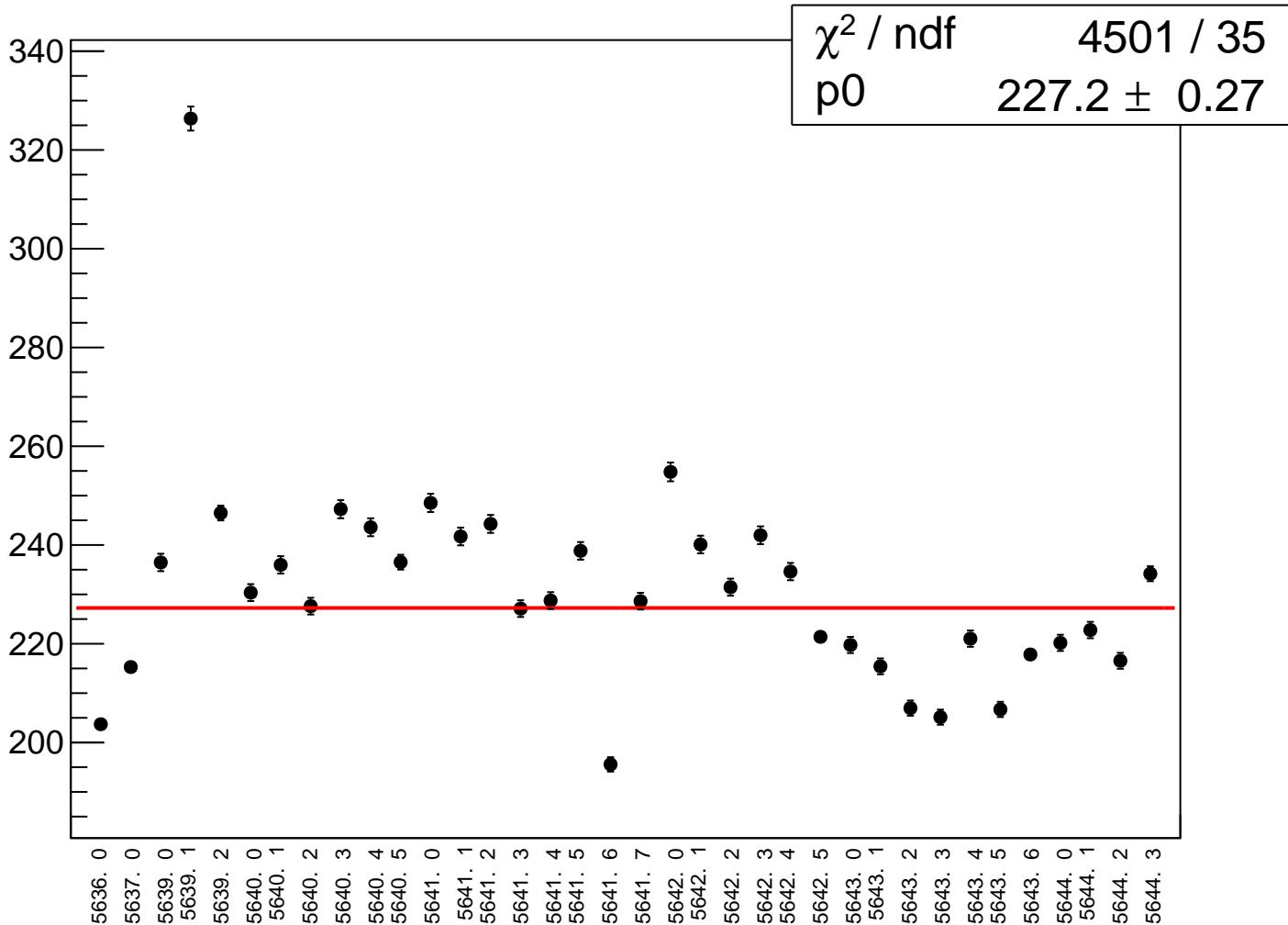
# asym\_bpm0i07WS\_rms vs run

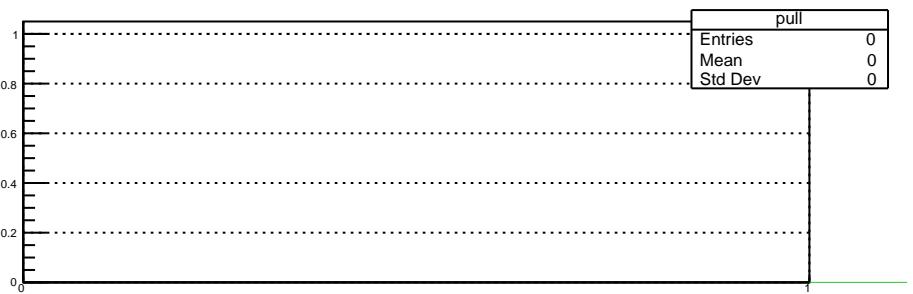
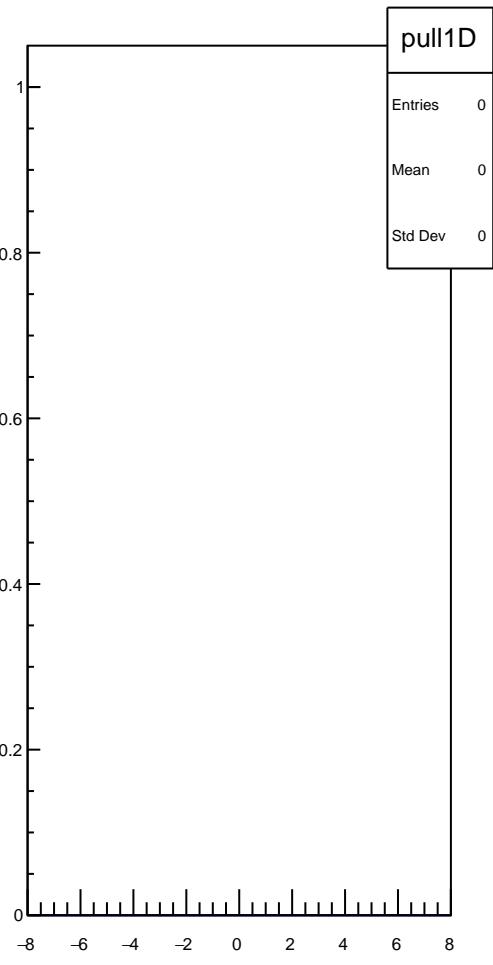


# asym\_bpm0l01WS\_mean vs run

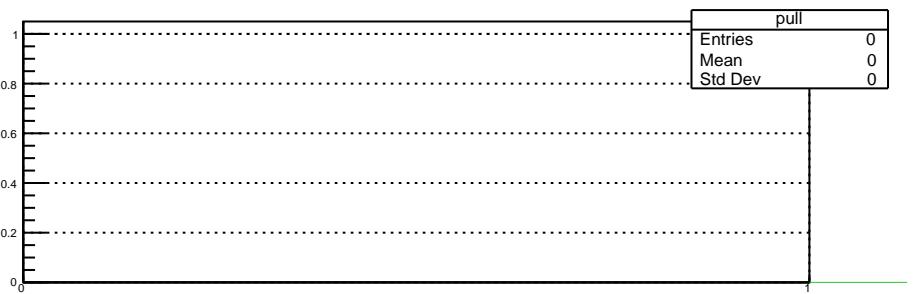
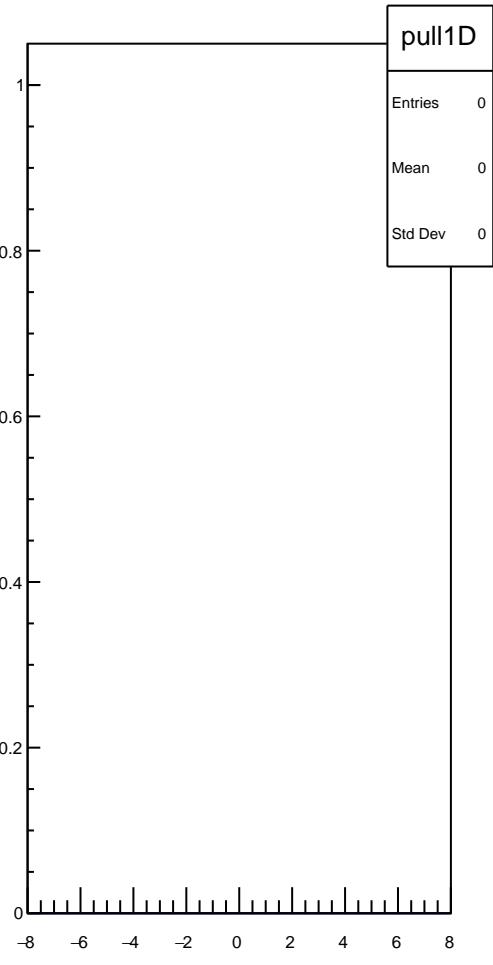


# asym\_bpm0l01WS\_rms vs run

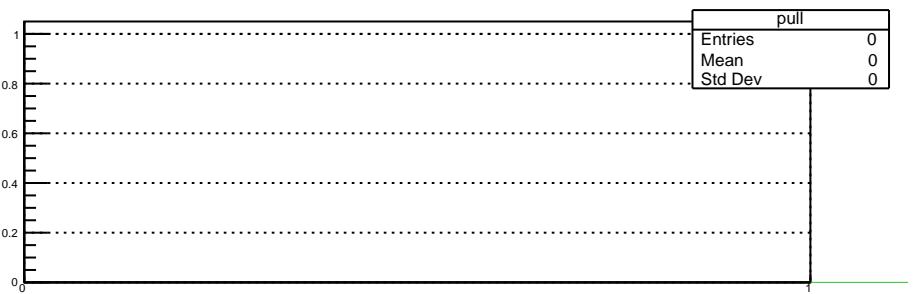
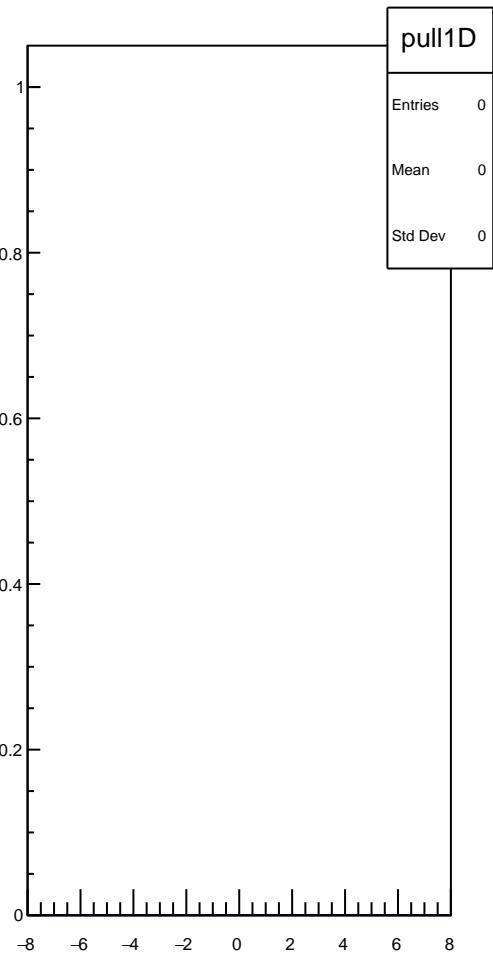




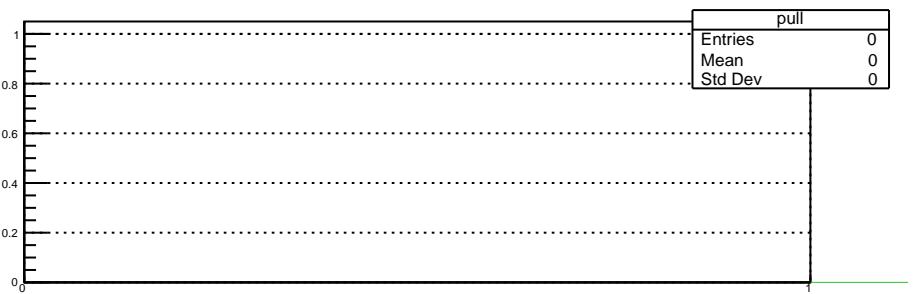
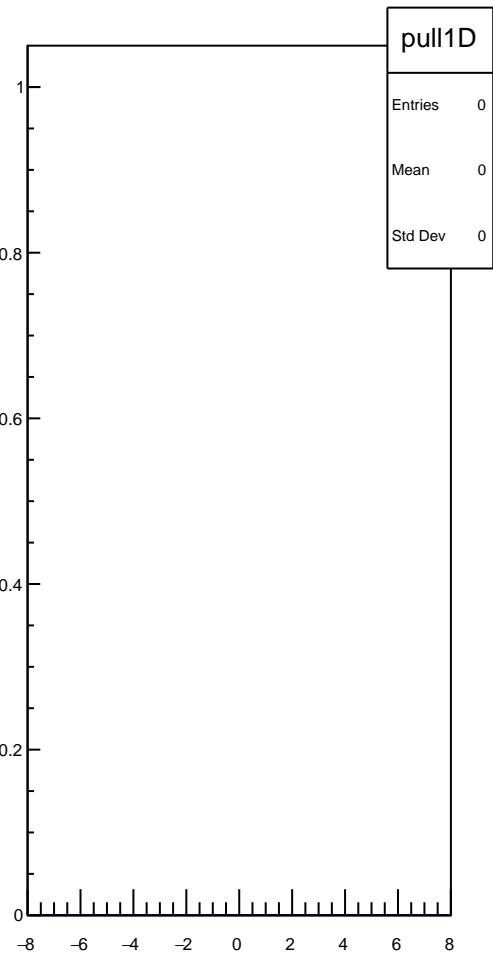






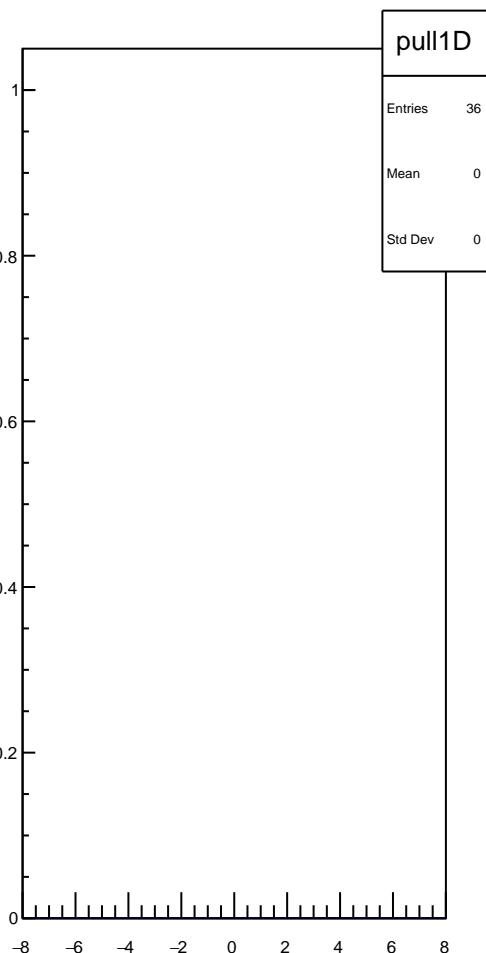
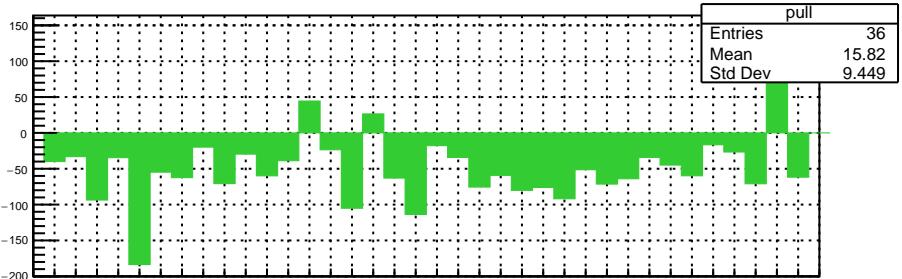
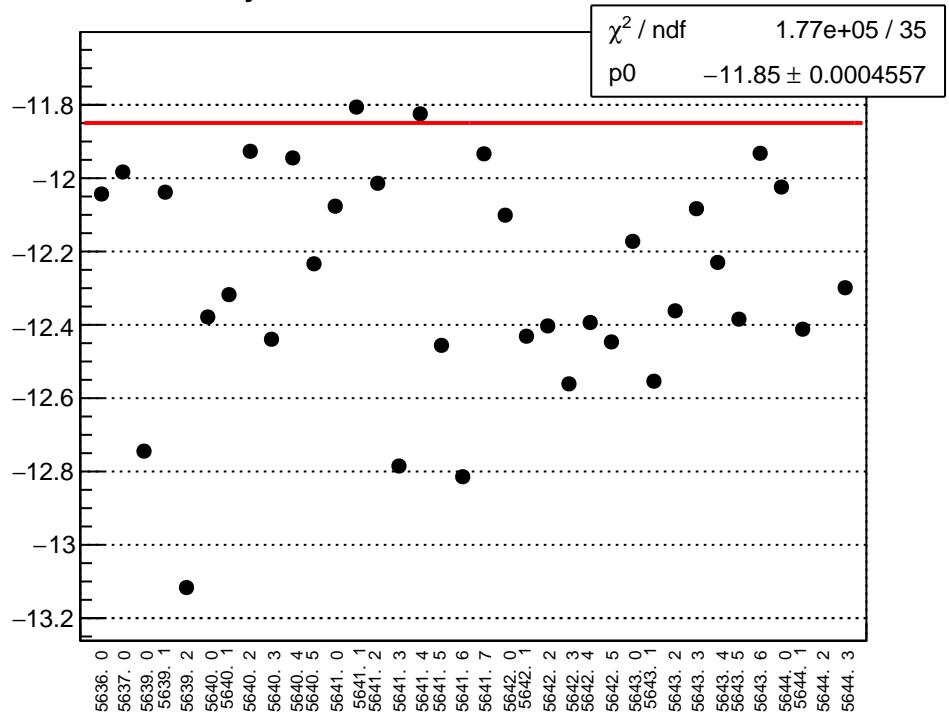




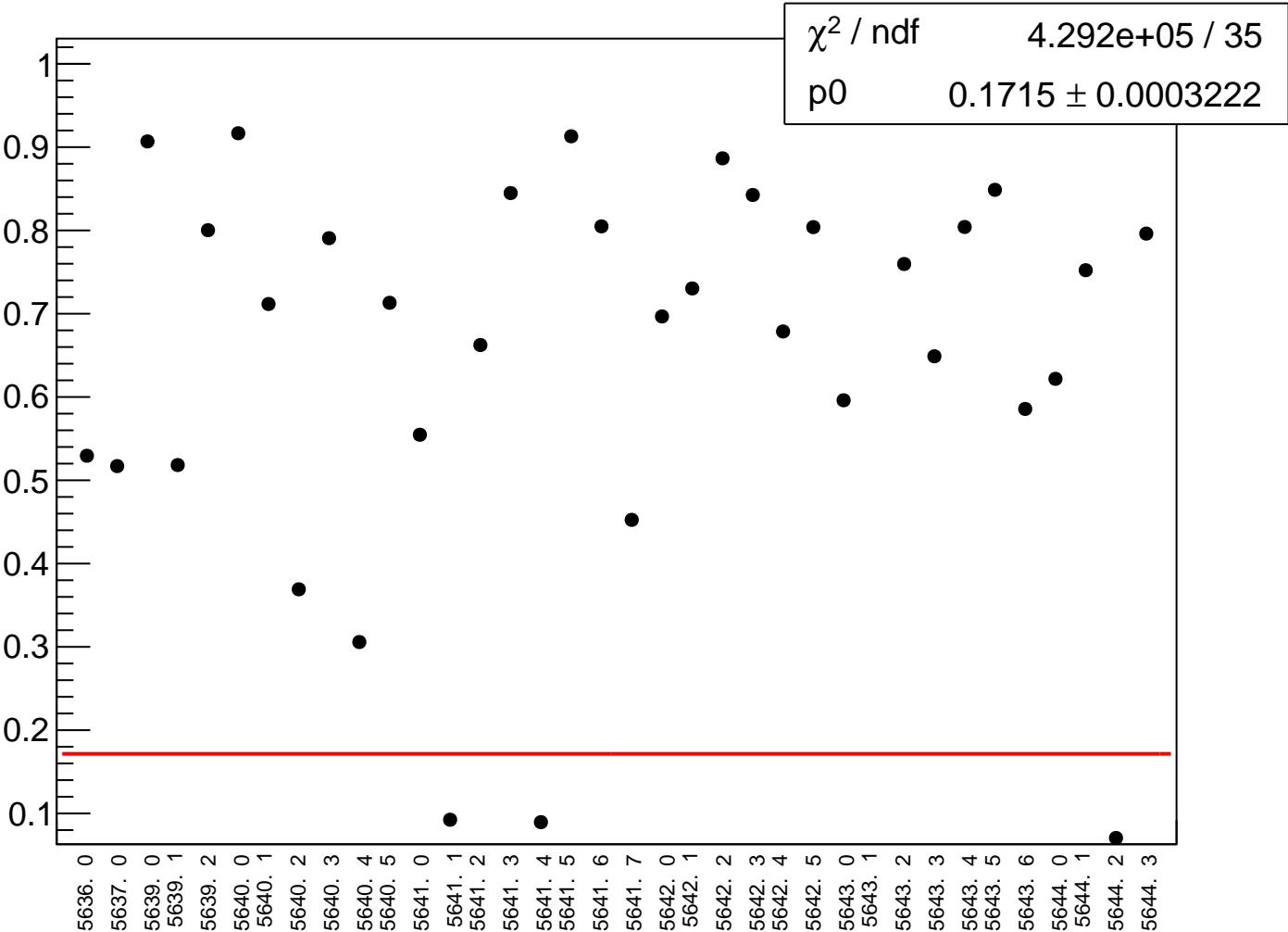




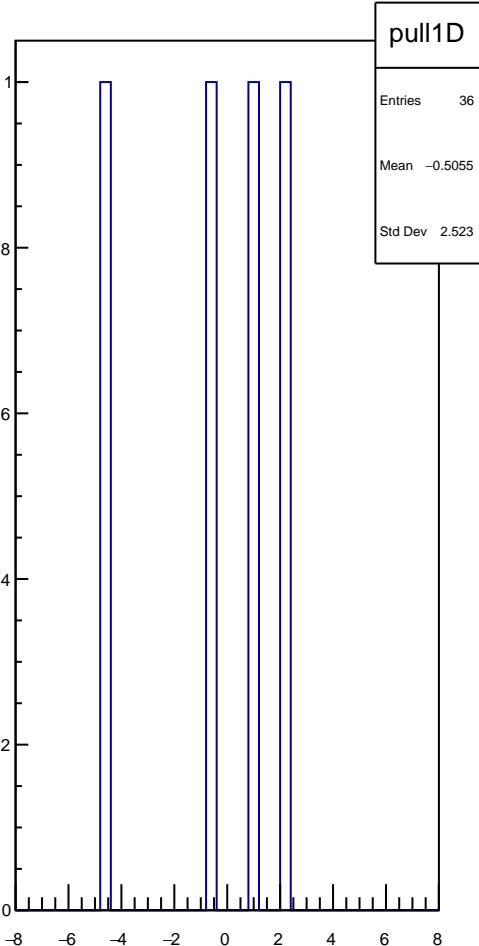
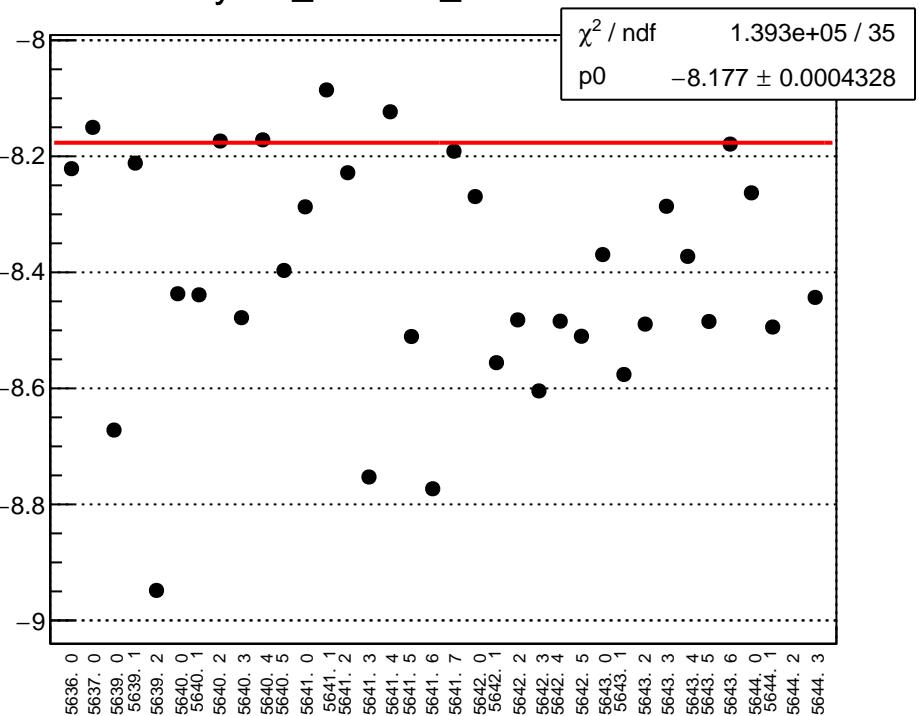
# yield\_cav4bX\_mean vs run



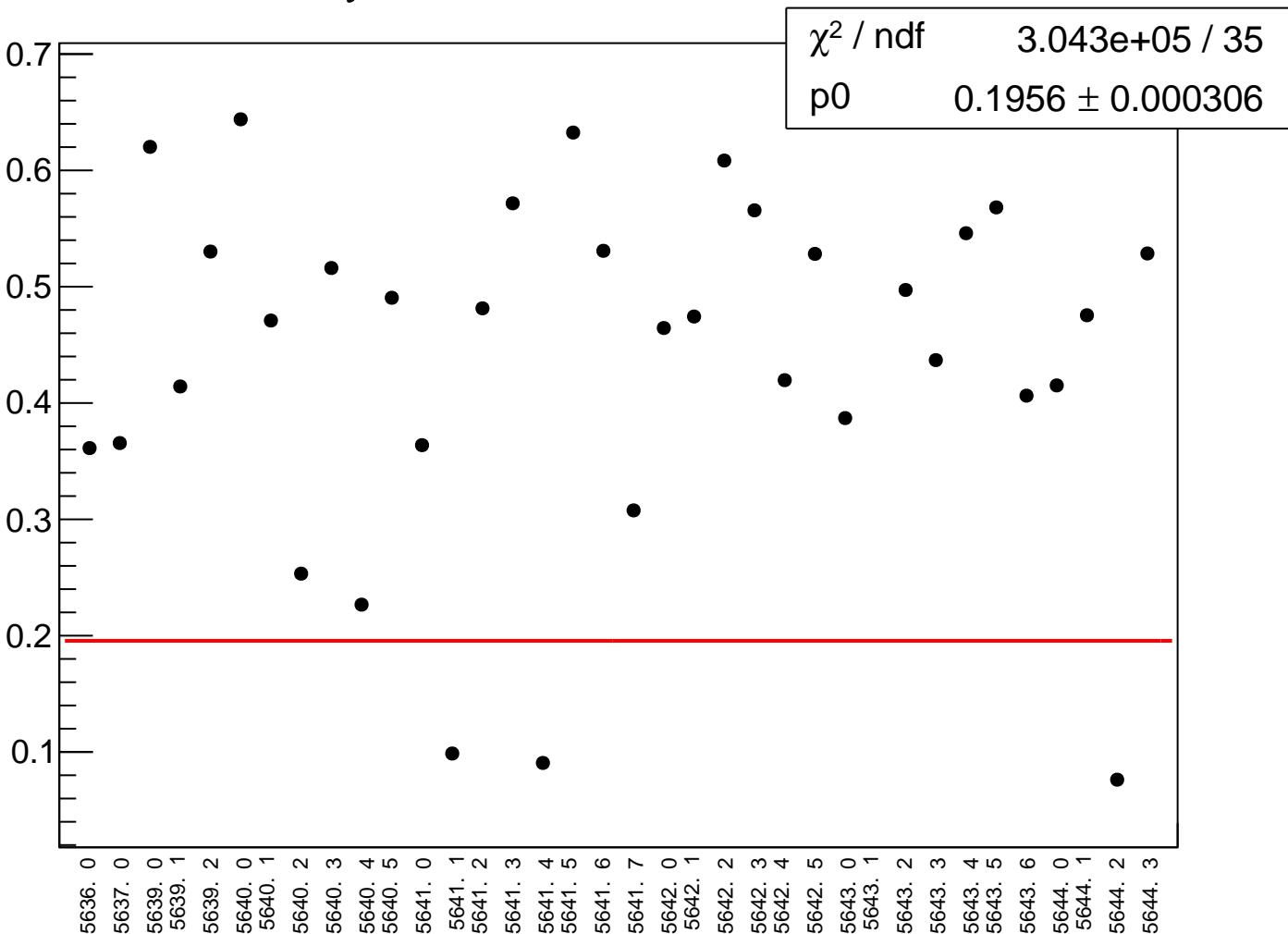
# yield\_cav4bX\_rms vs run



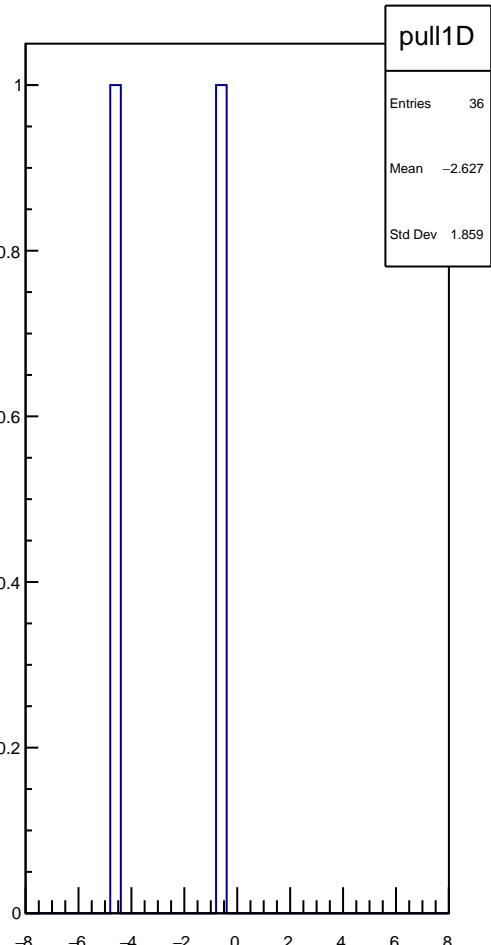
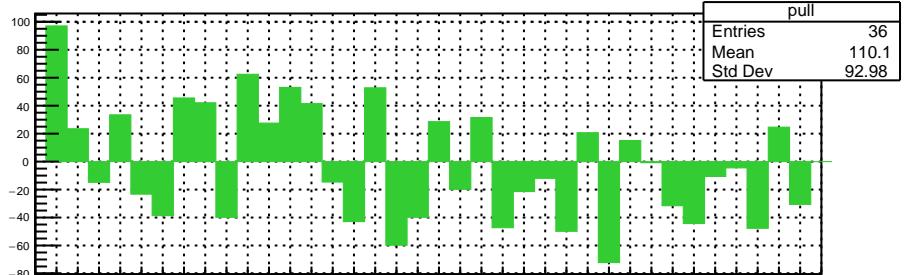
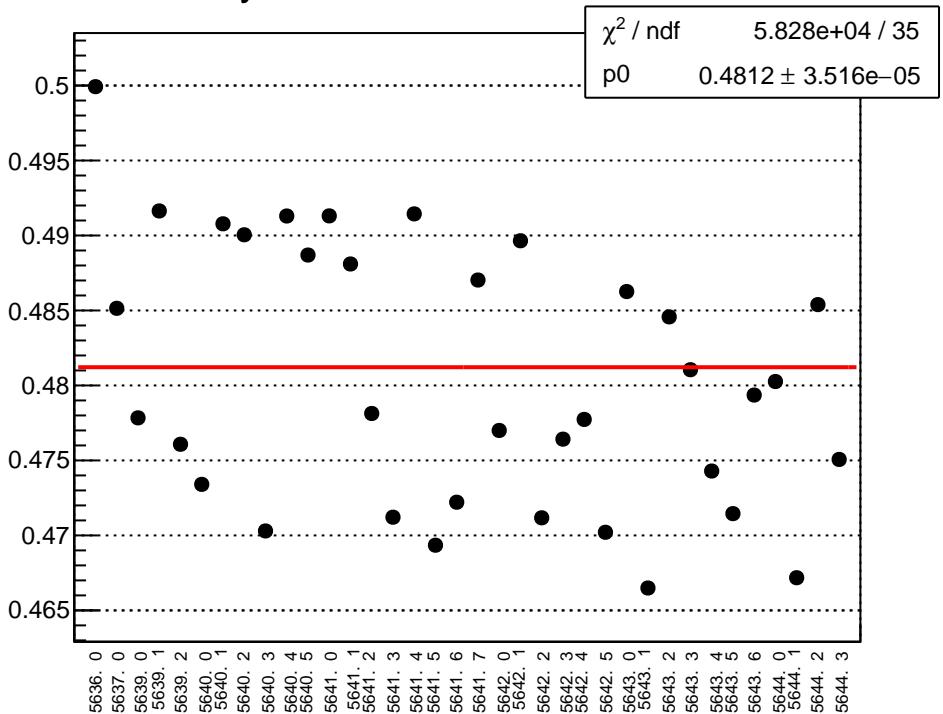
# yield\_cav4bY\_mean vs run



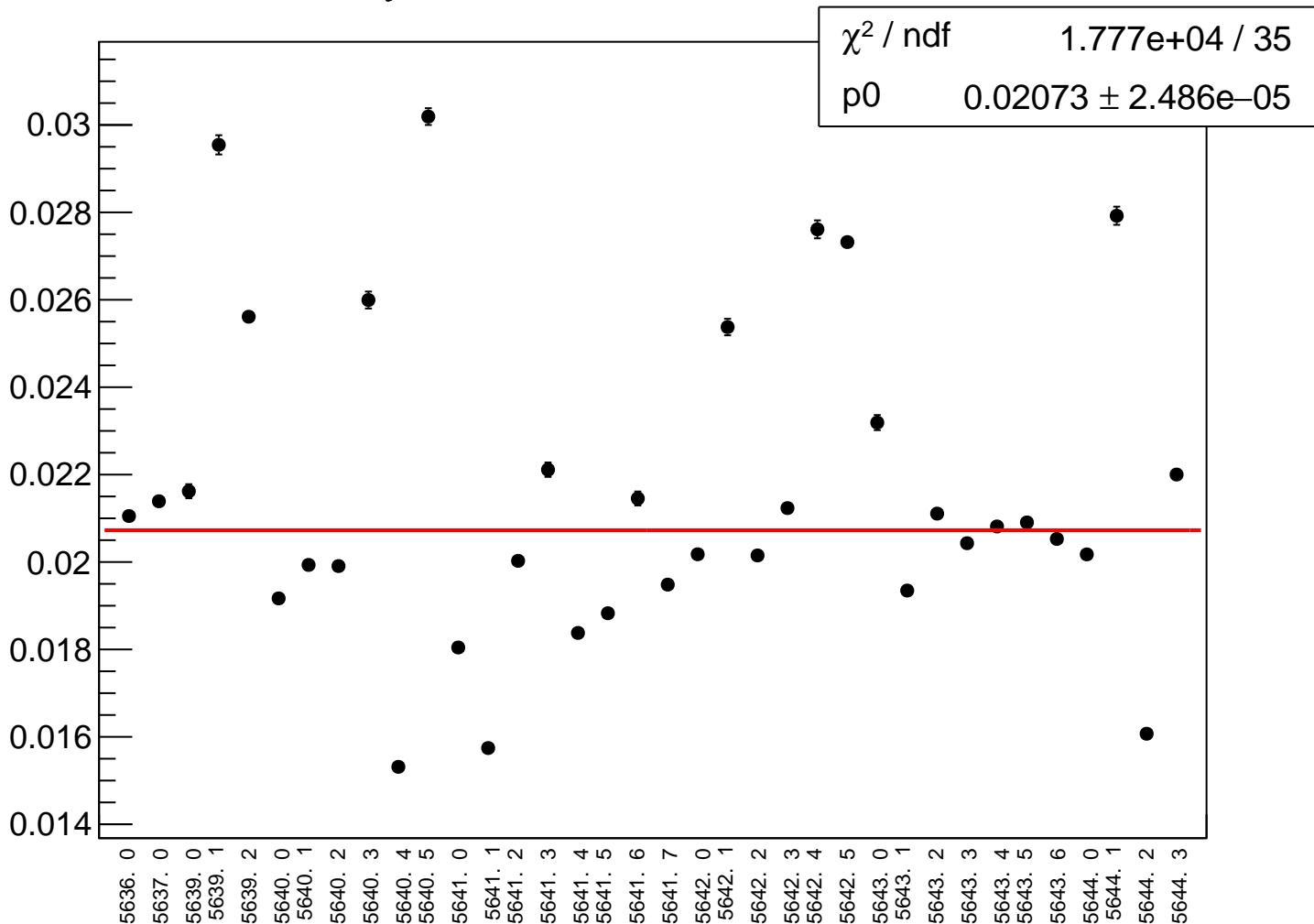
# yield\_cav4bY\_rms vs run



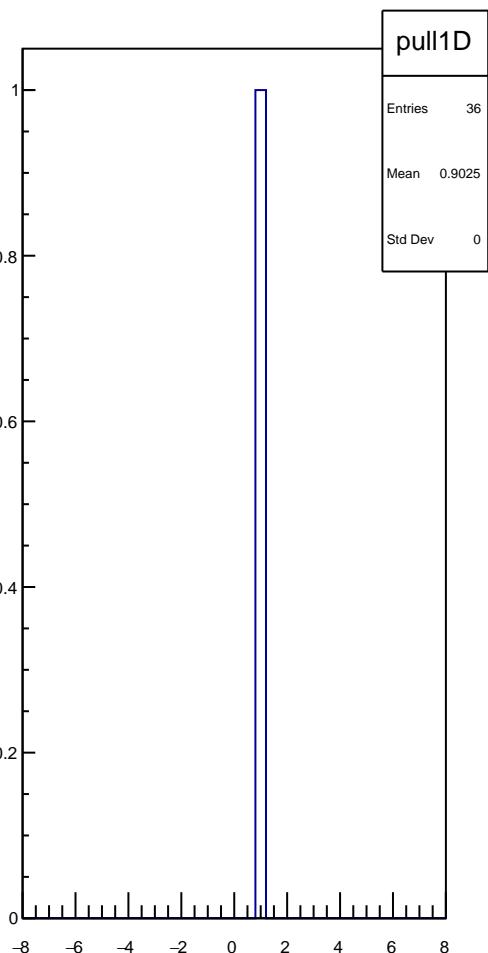
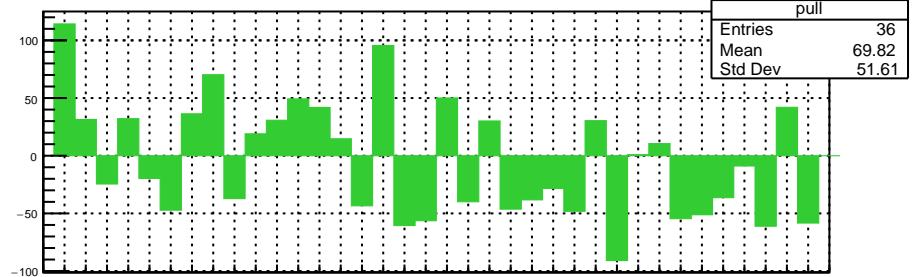
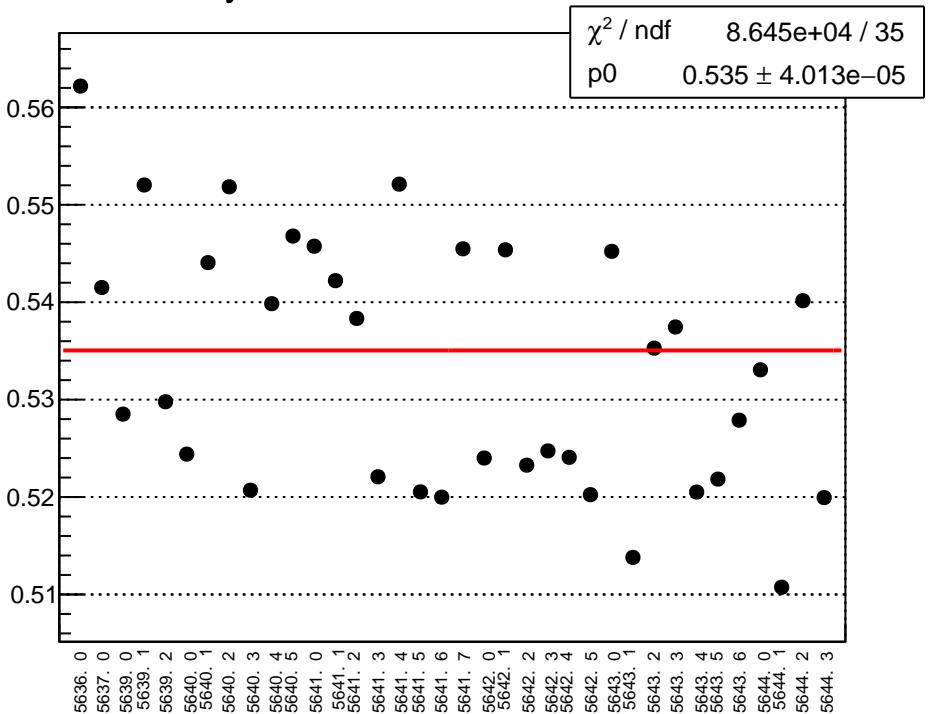
# yield\_cav4cX\_mean vs run



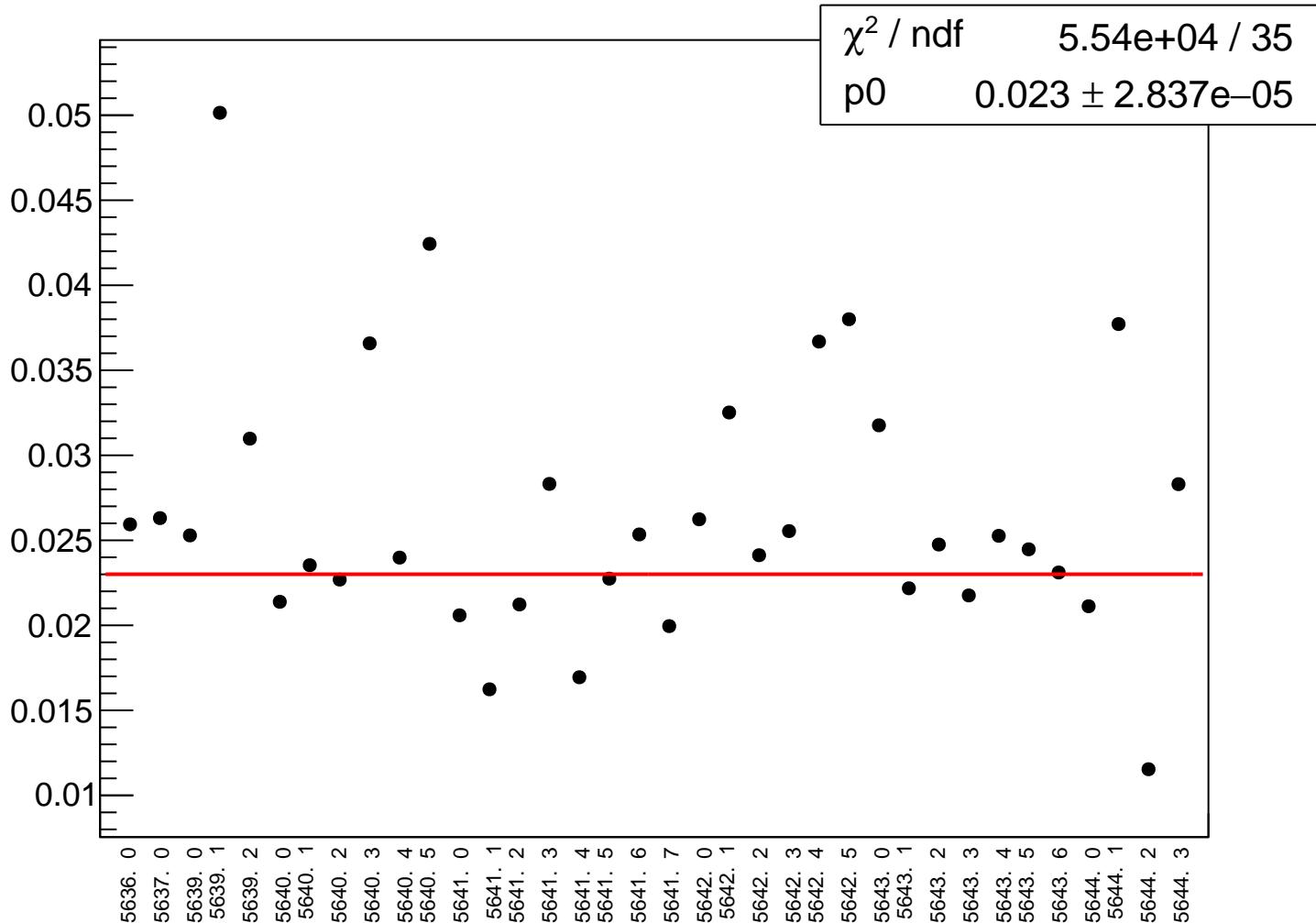
# yield\_cav4cX\_rms vs run



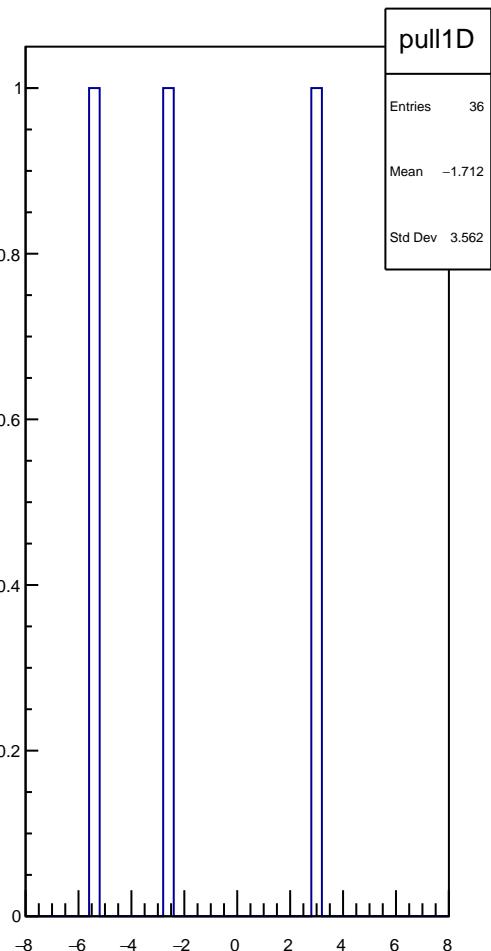
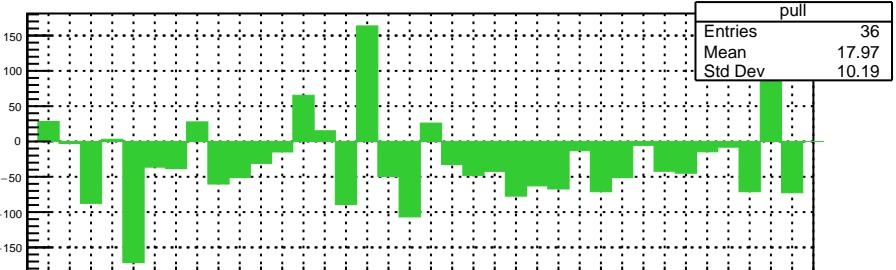
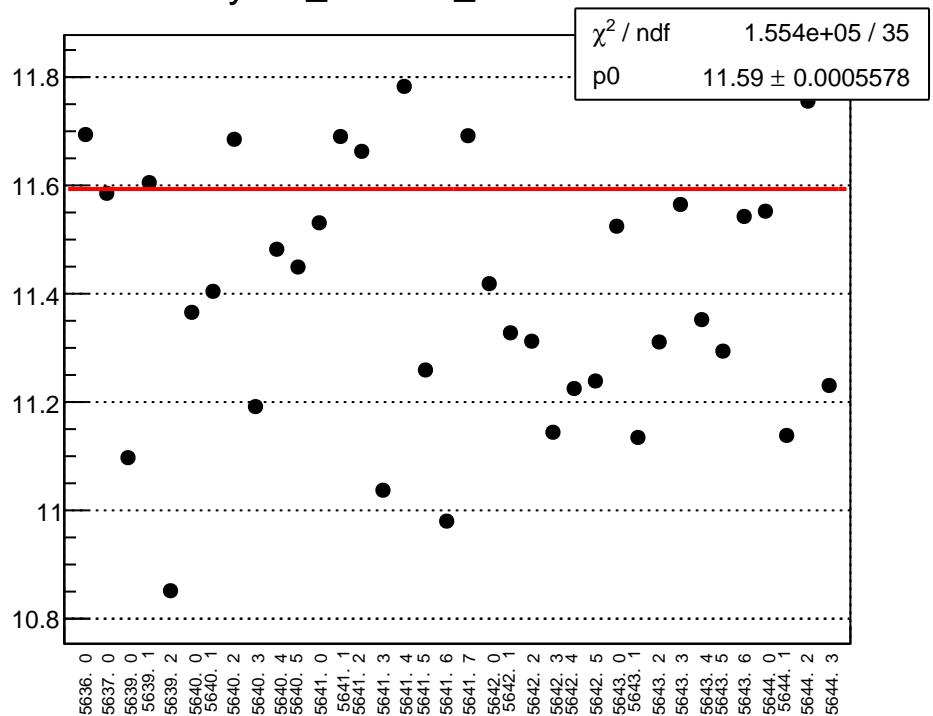
# yield\_cav4cY\_mean vs run



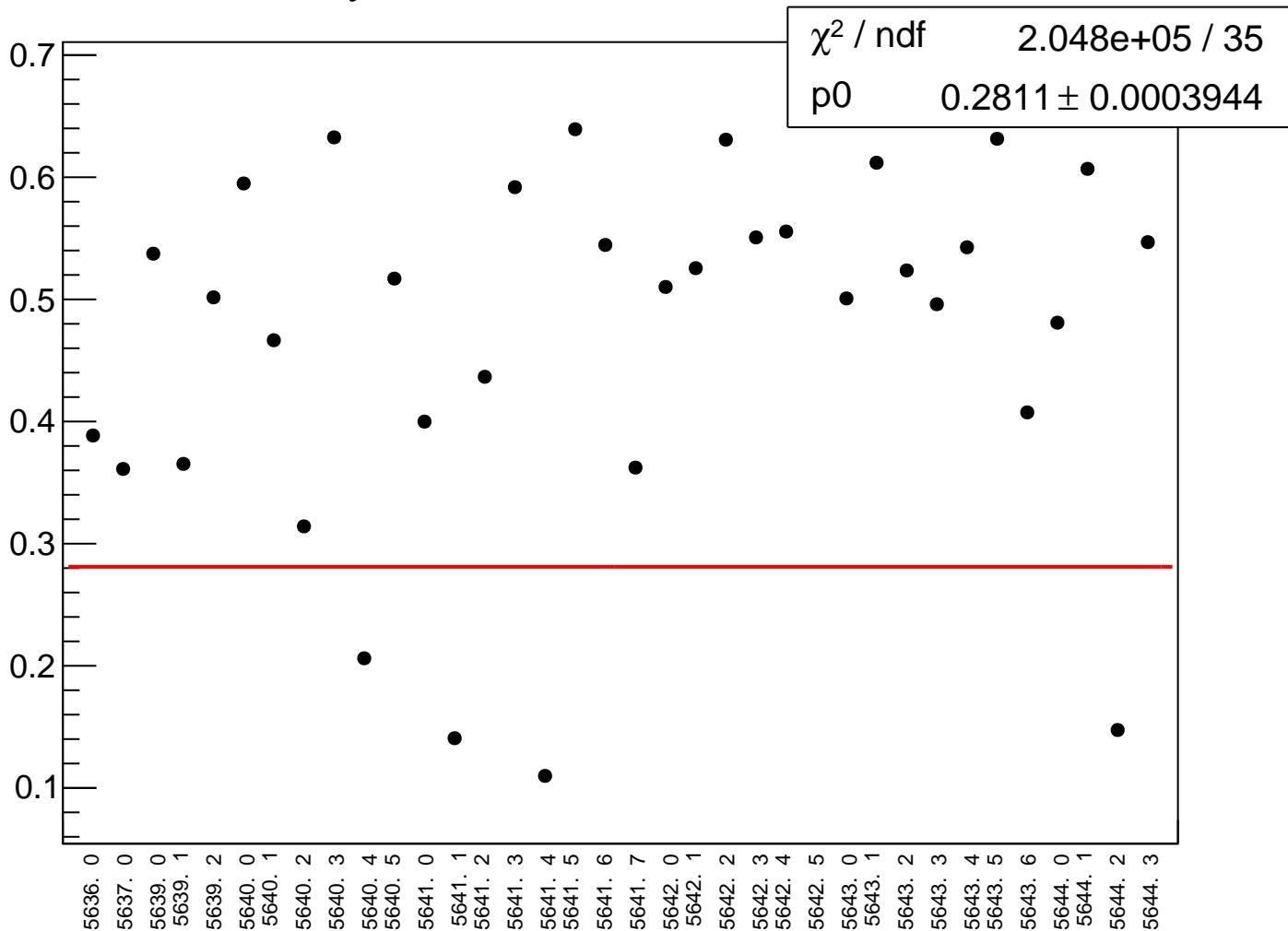
# yield\_cav4cY\_rms vs run



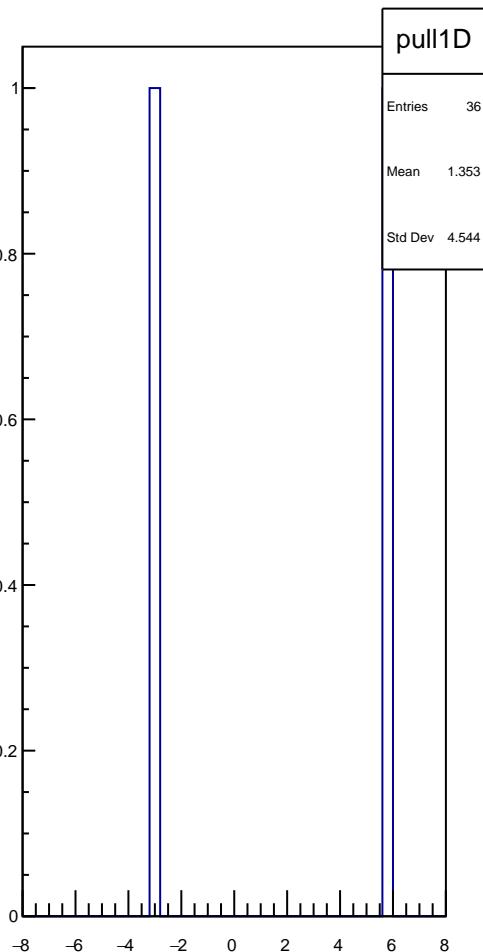
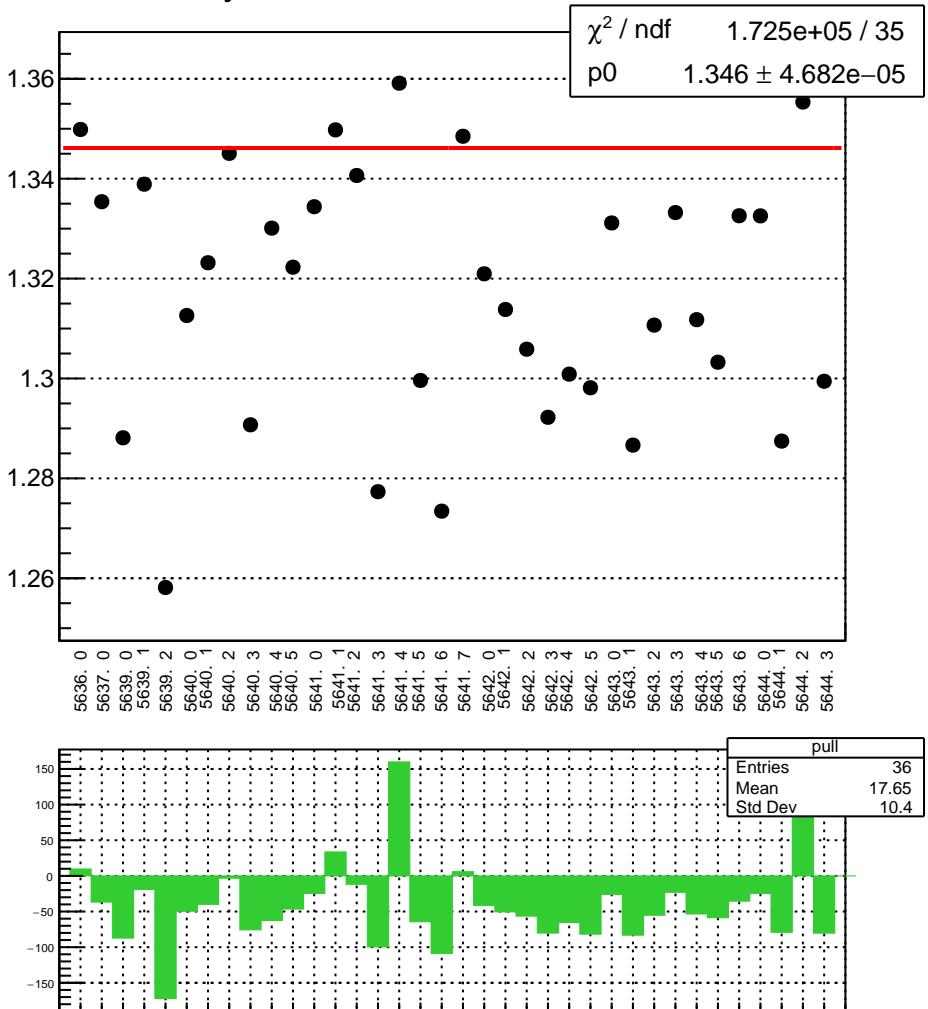
# yield\_cav4dX\_mean vs run



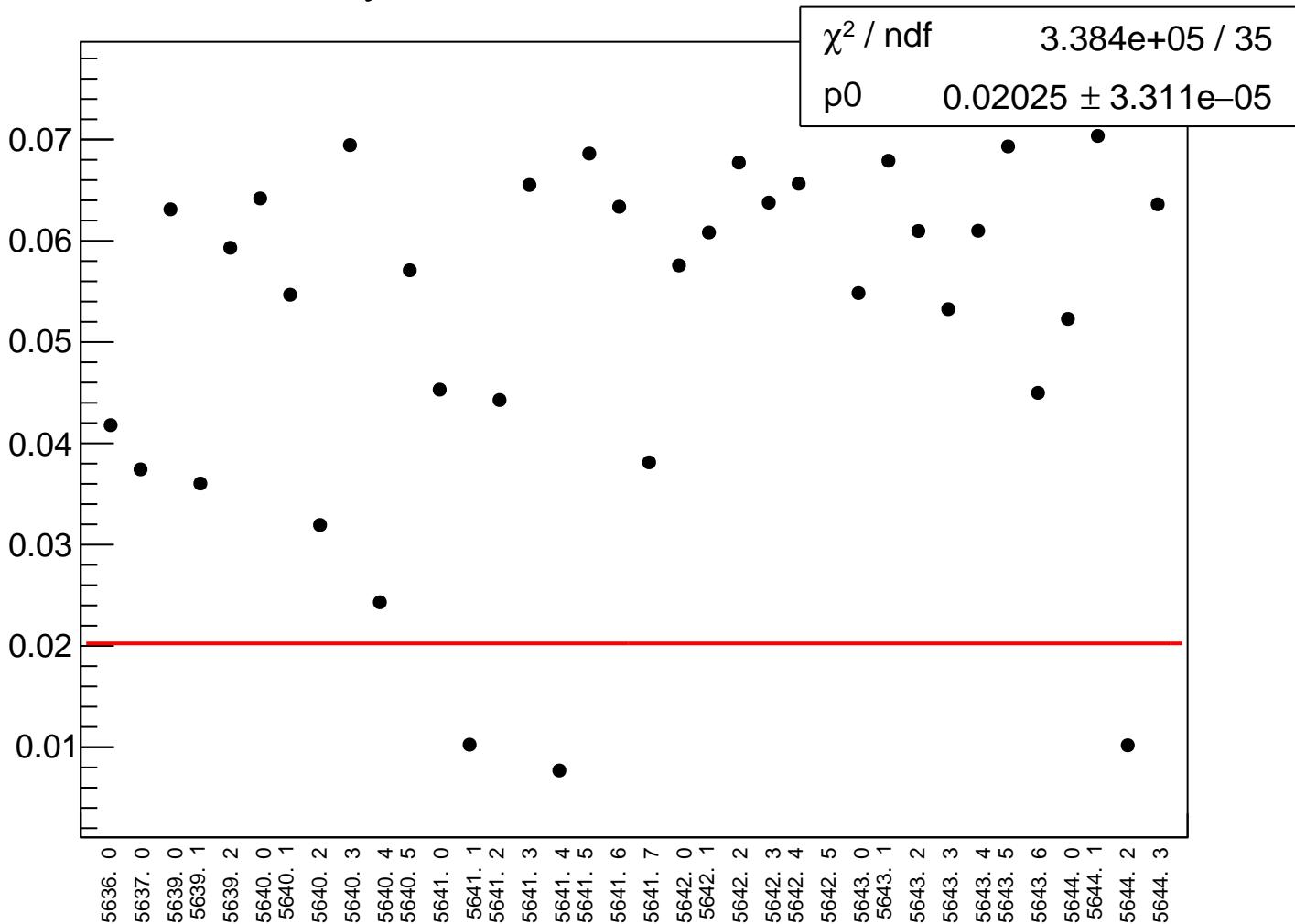
# yield\_cav4dX\_rms vs run



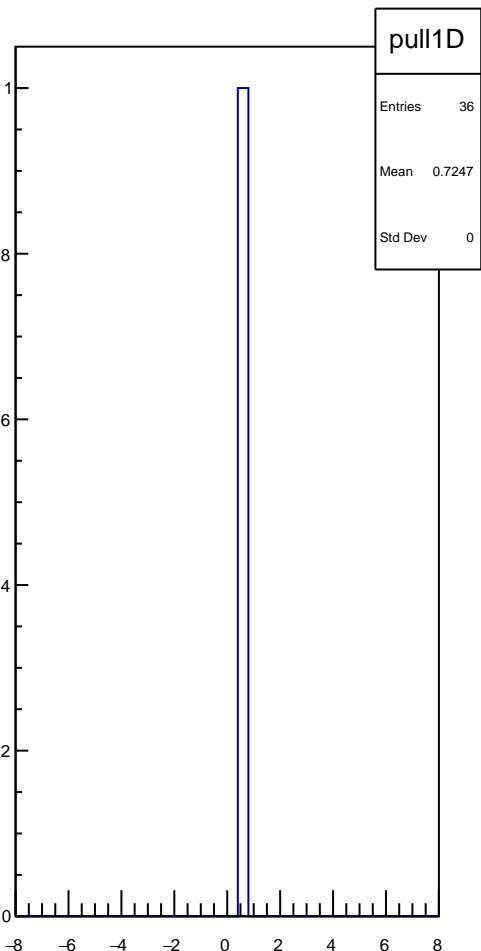
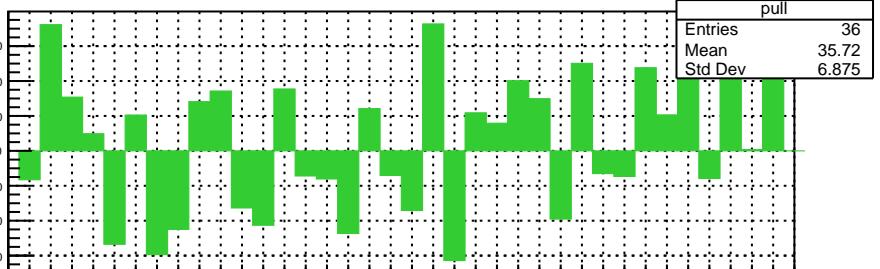
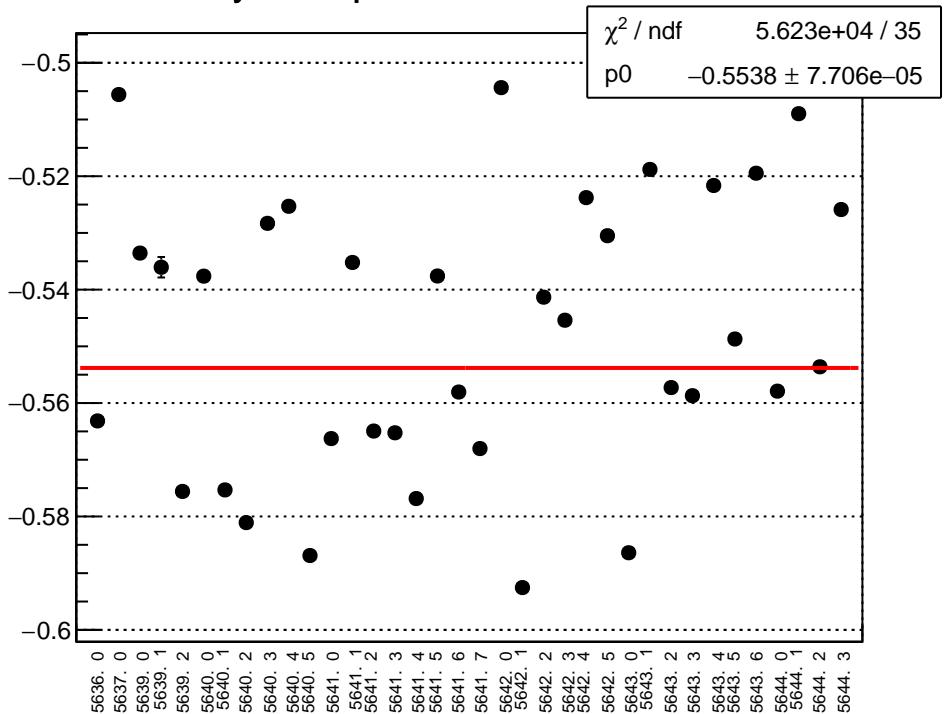
# yield\_cav4dY\_mean vs run



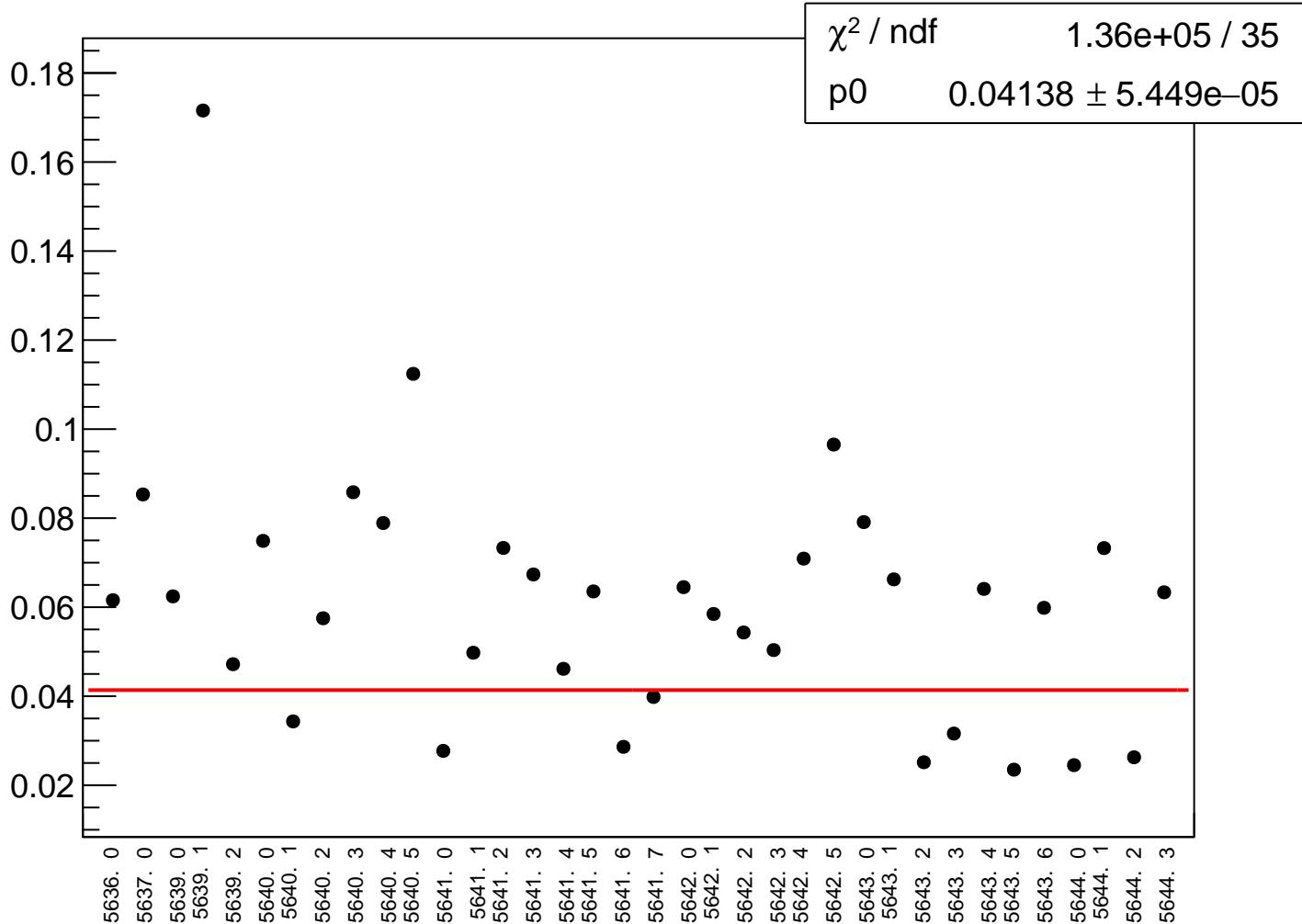
# yield\_cav4dY\_rms vs run



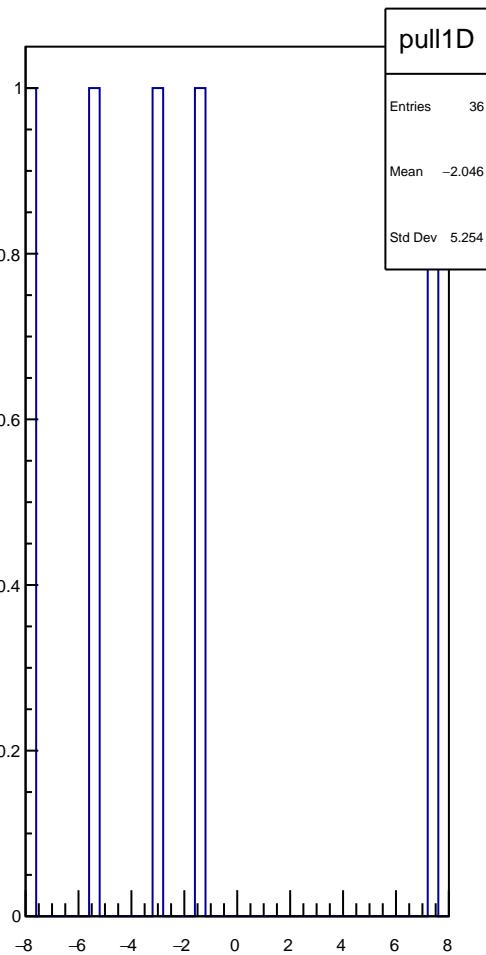
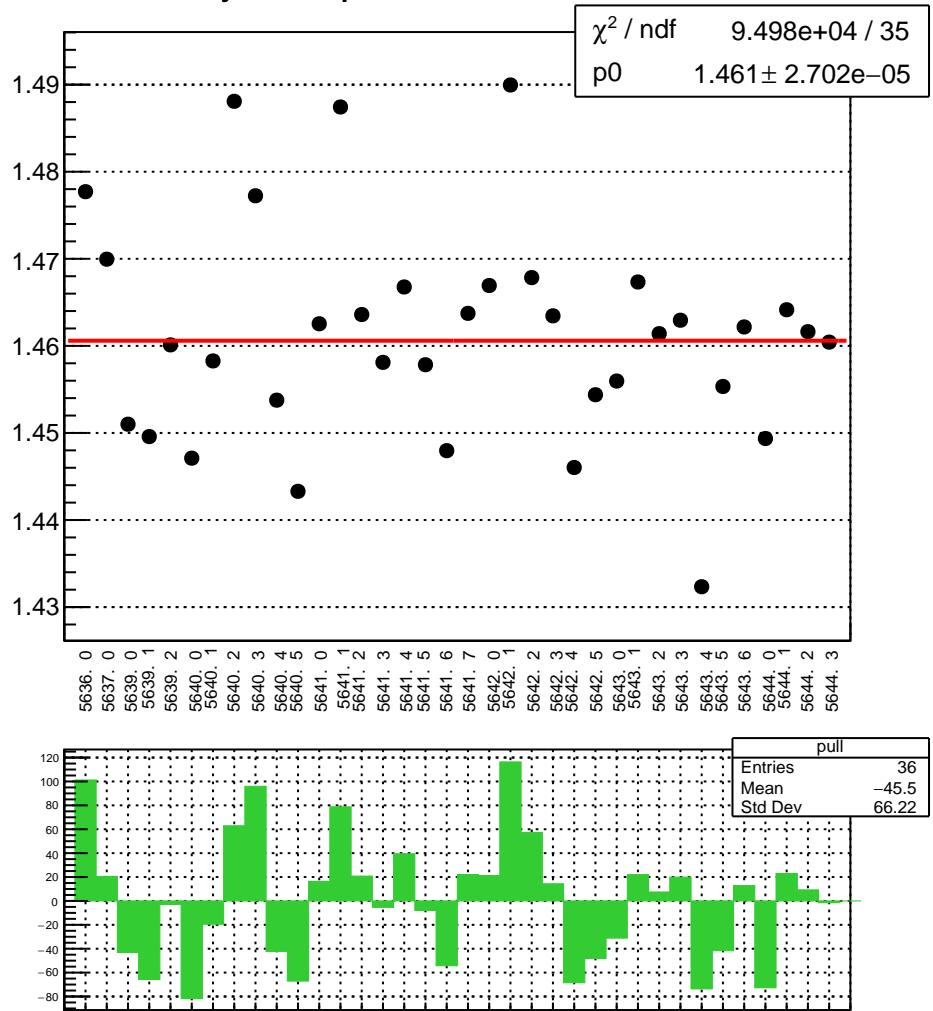
# yield\_bpm4aX\_mean vs run



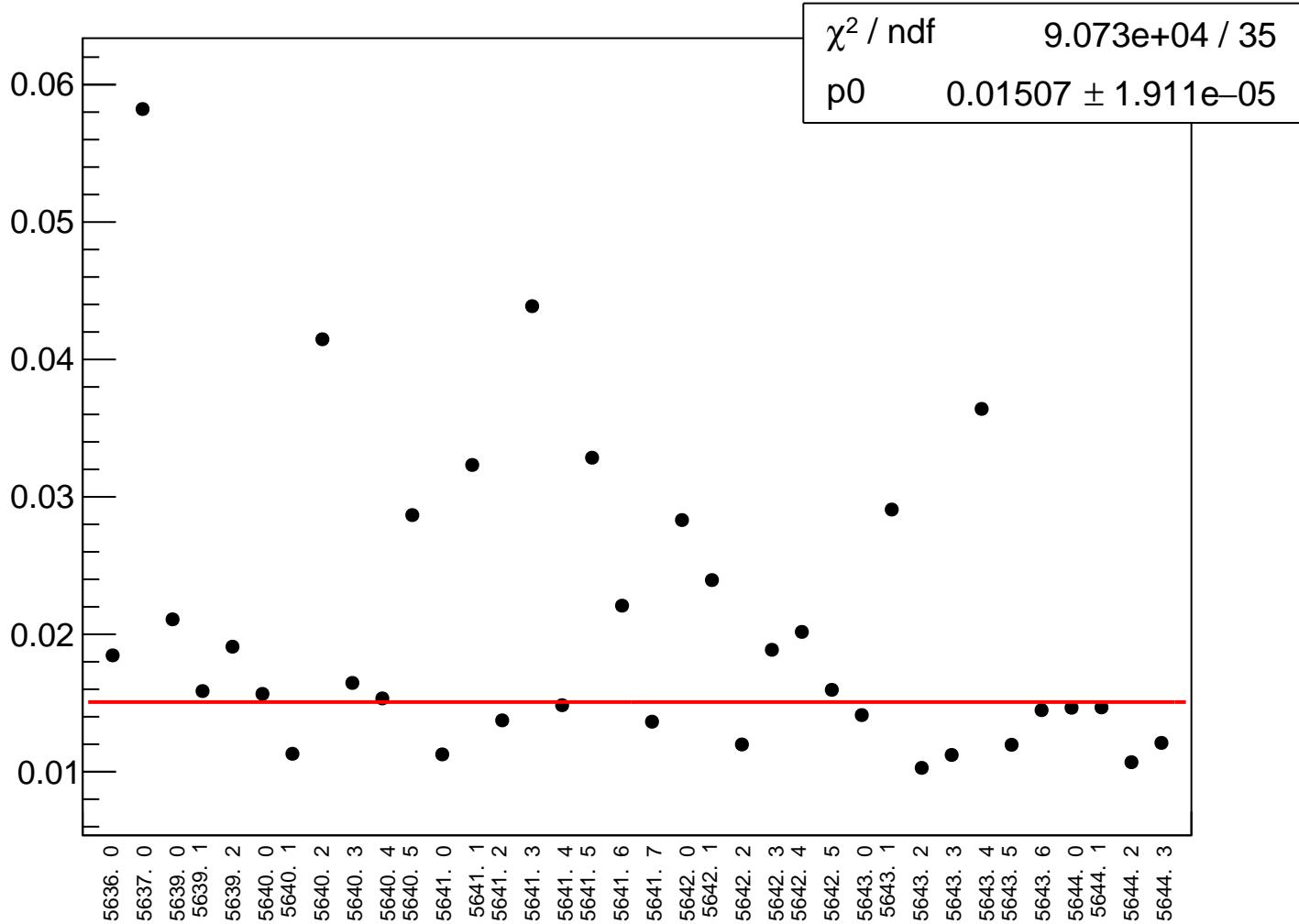
# yield\_bpm4aX\_rms vs run



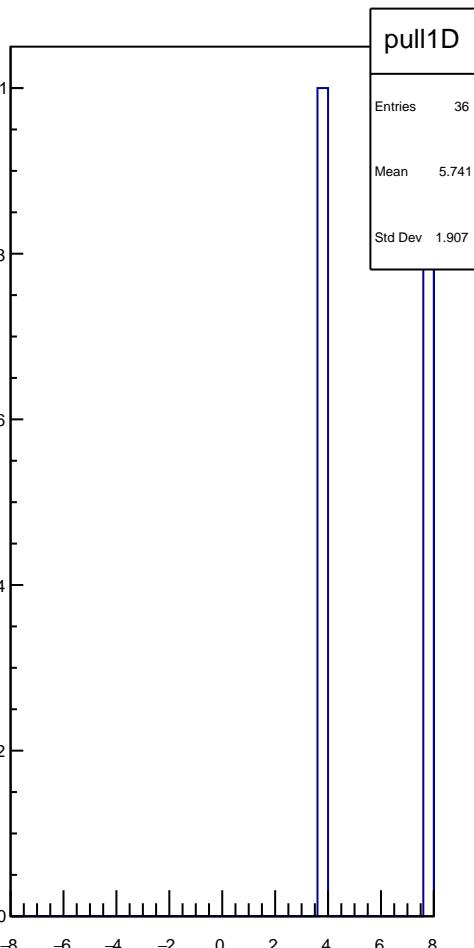
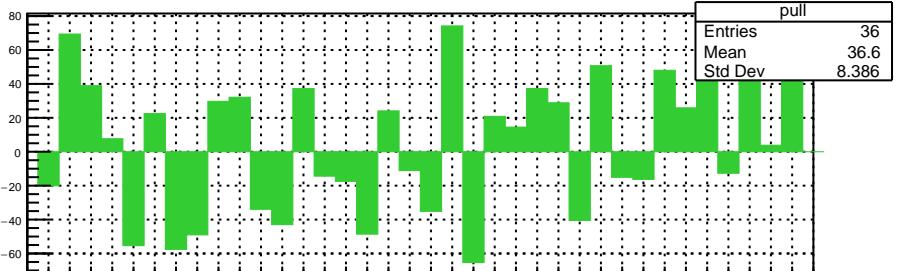
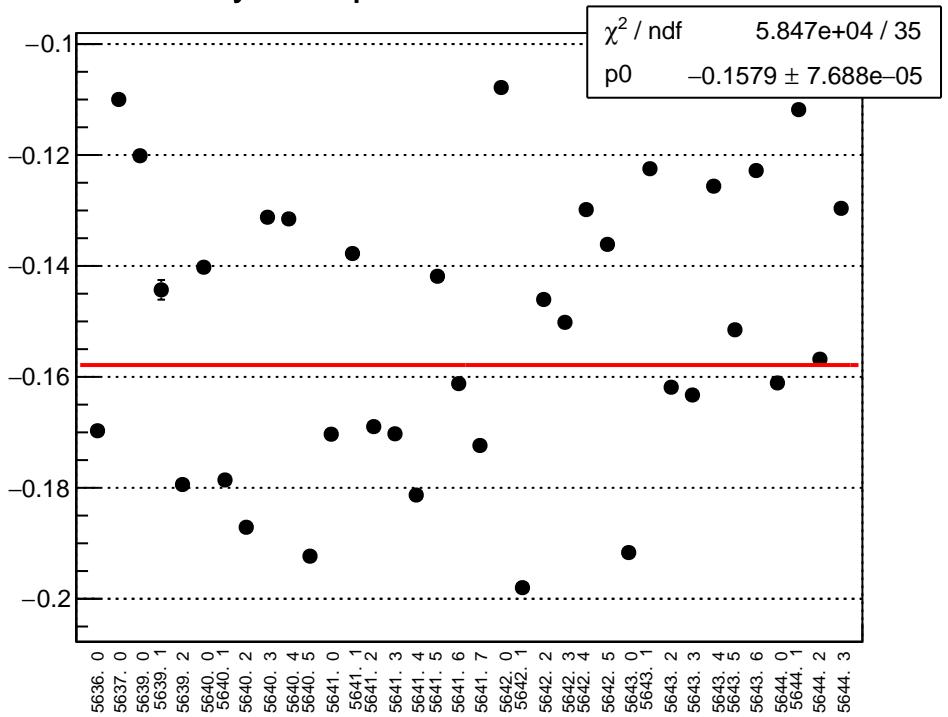
# yield\_bpm4aY\_mean vs run



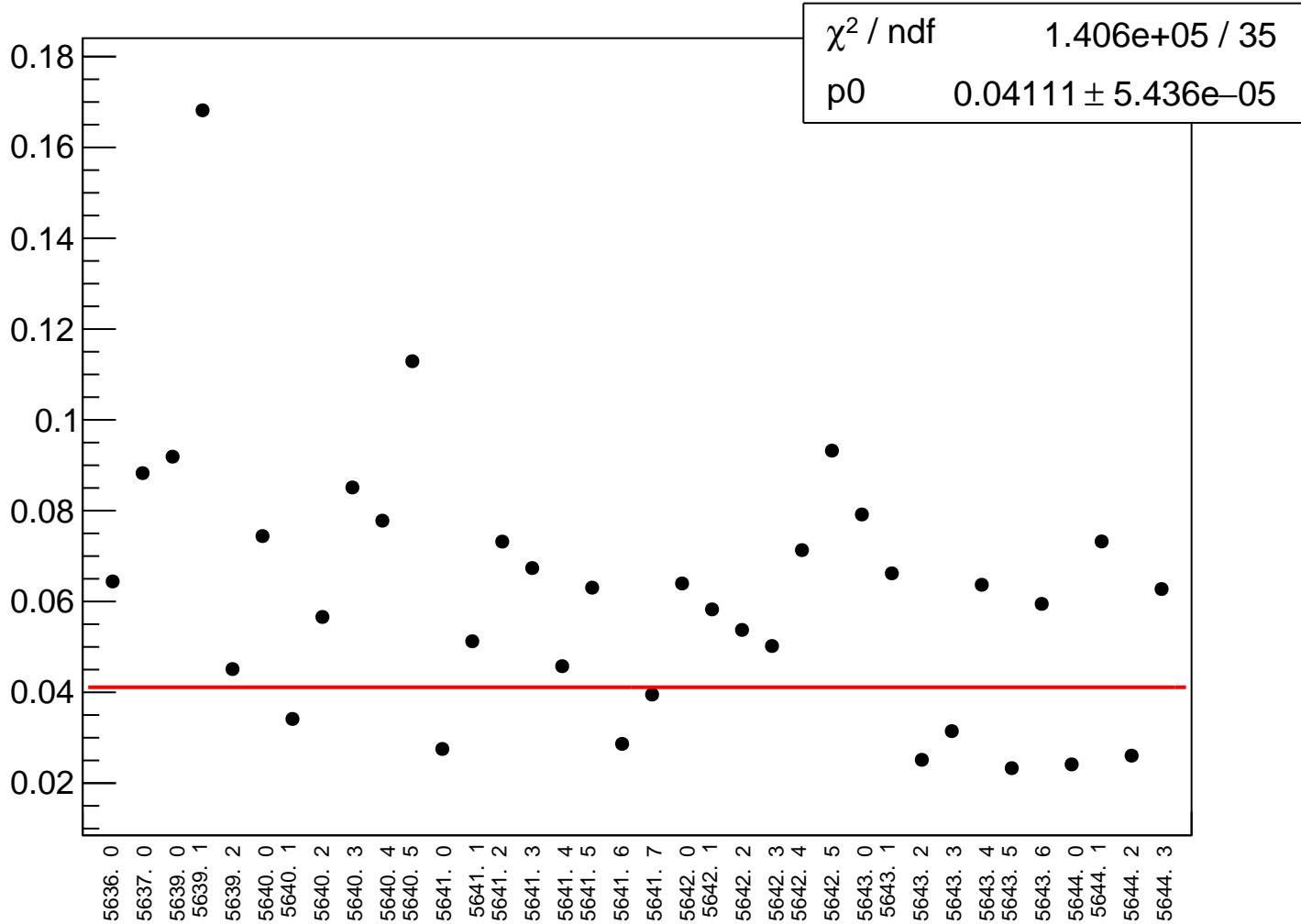
# yield\_bpm4aY\_rms vs run



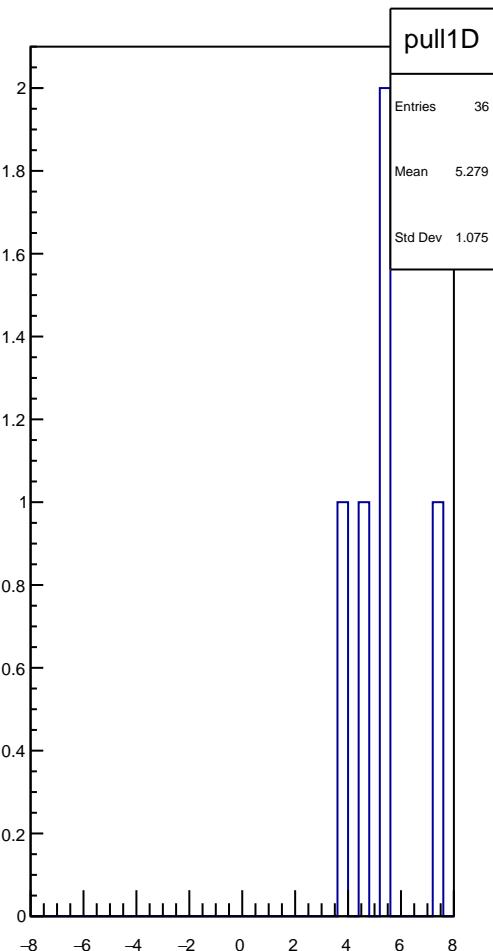
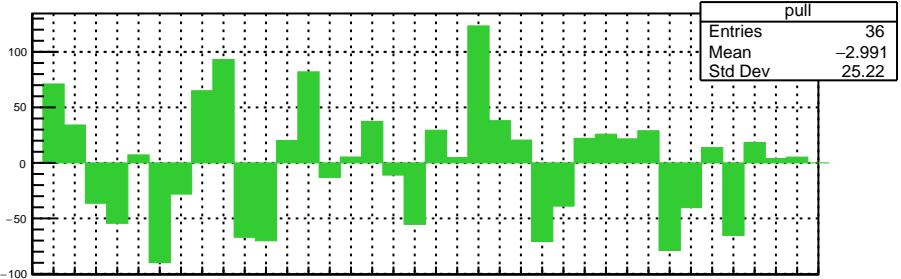
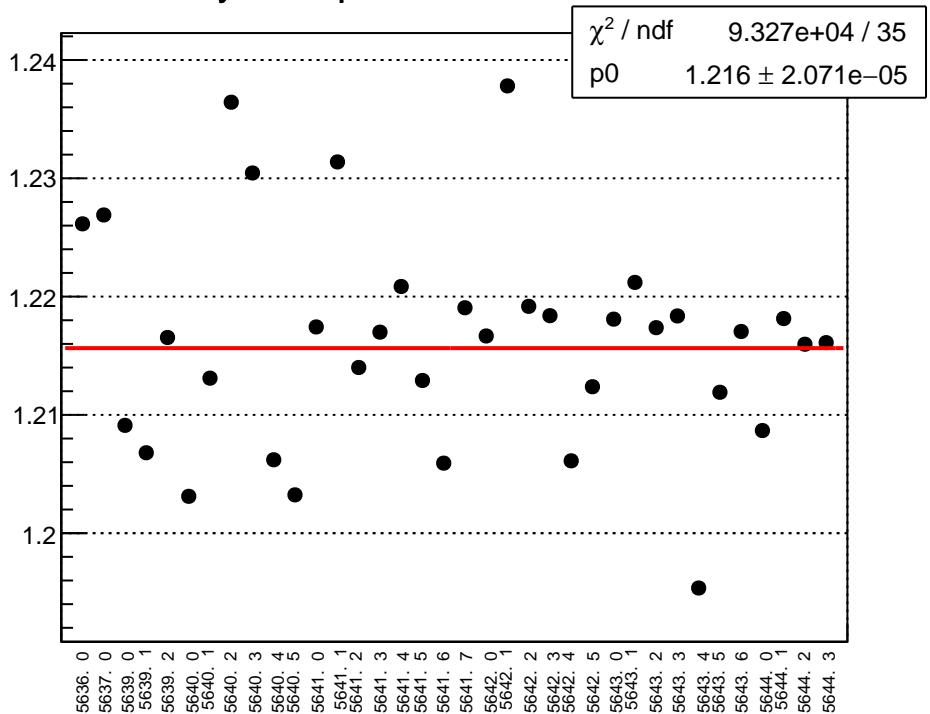
# yield\_bpm4eX\_mean vs run



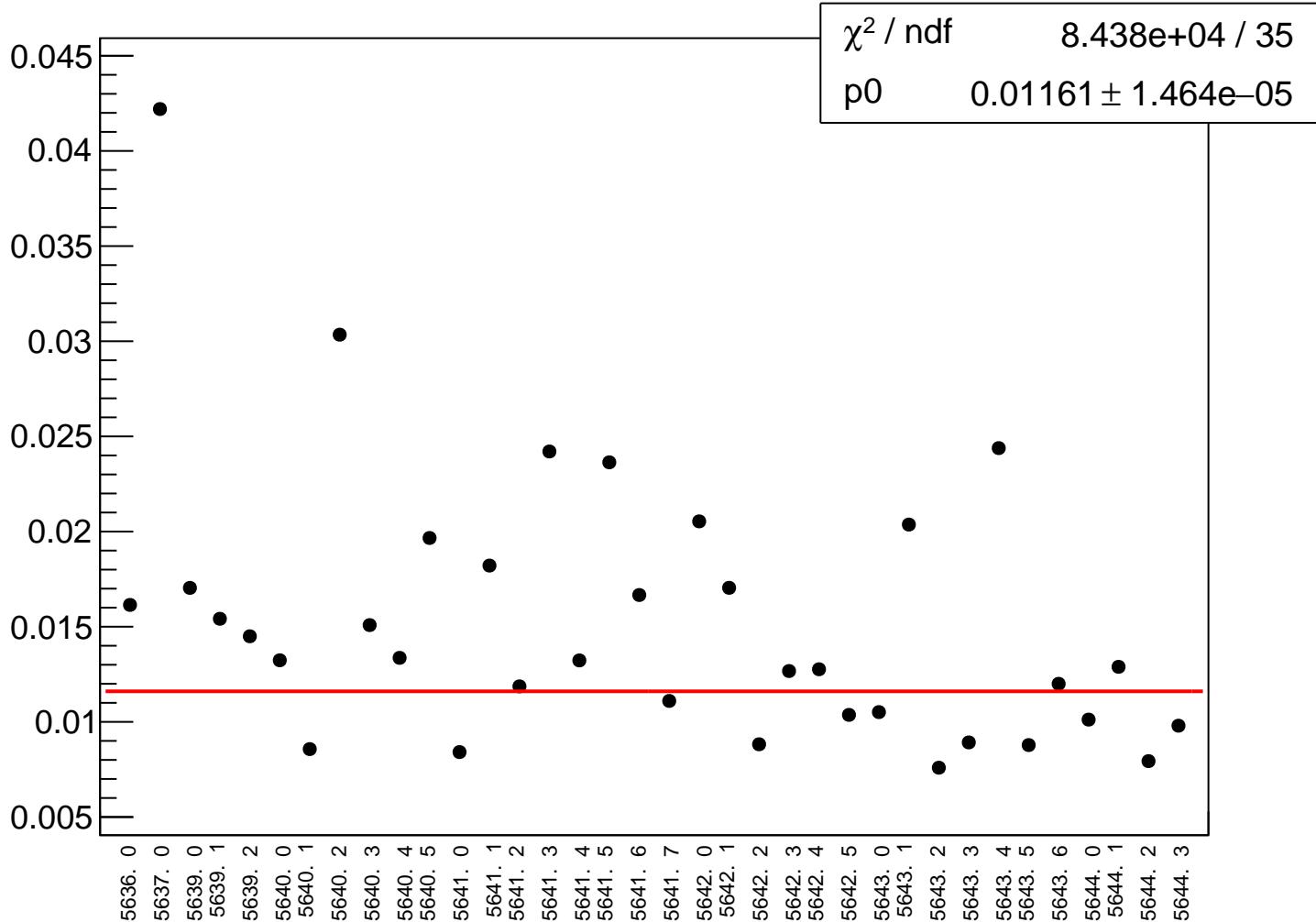
# yield\_bpm4eX\_rms vs run



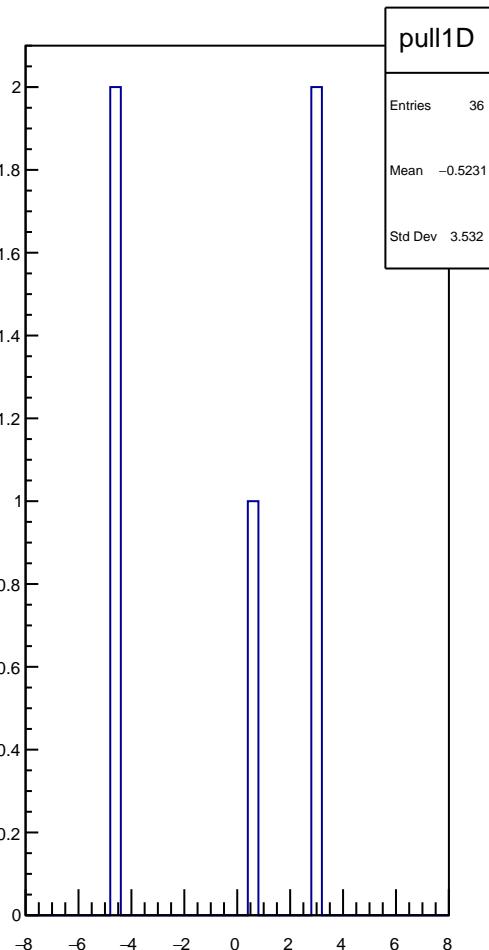
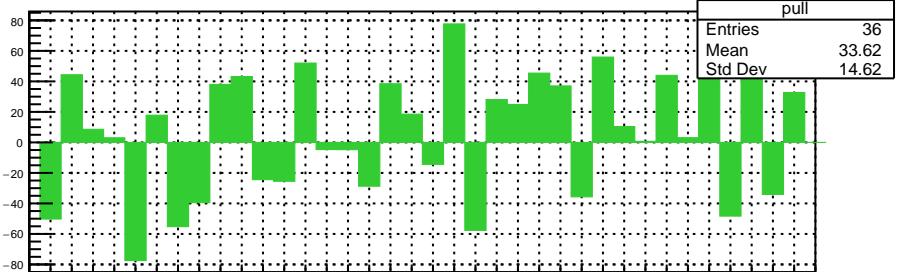
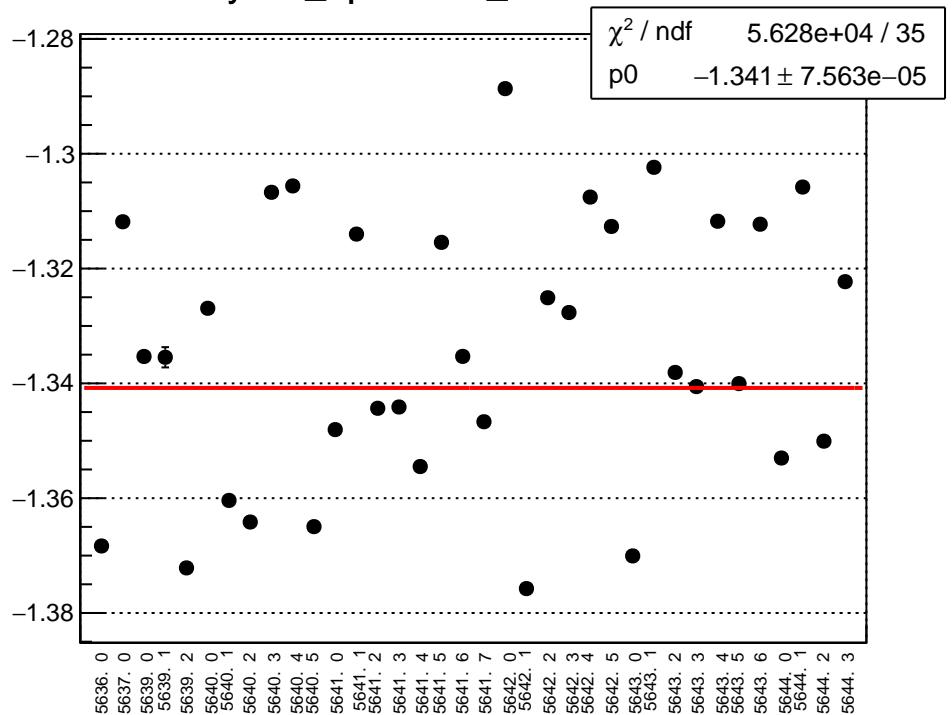
# yield\_bpm4eY\_mean vs run



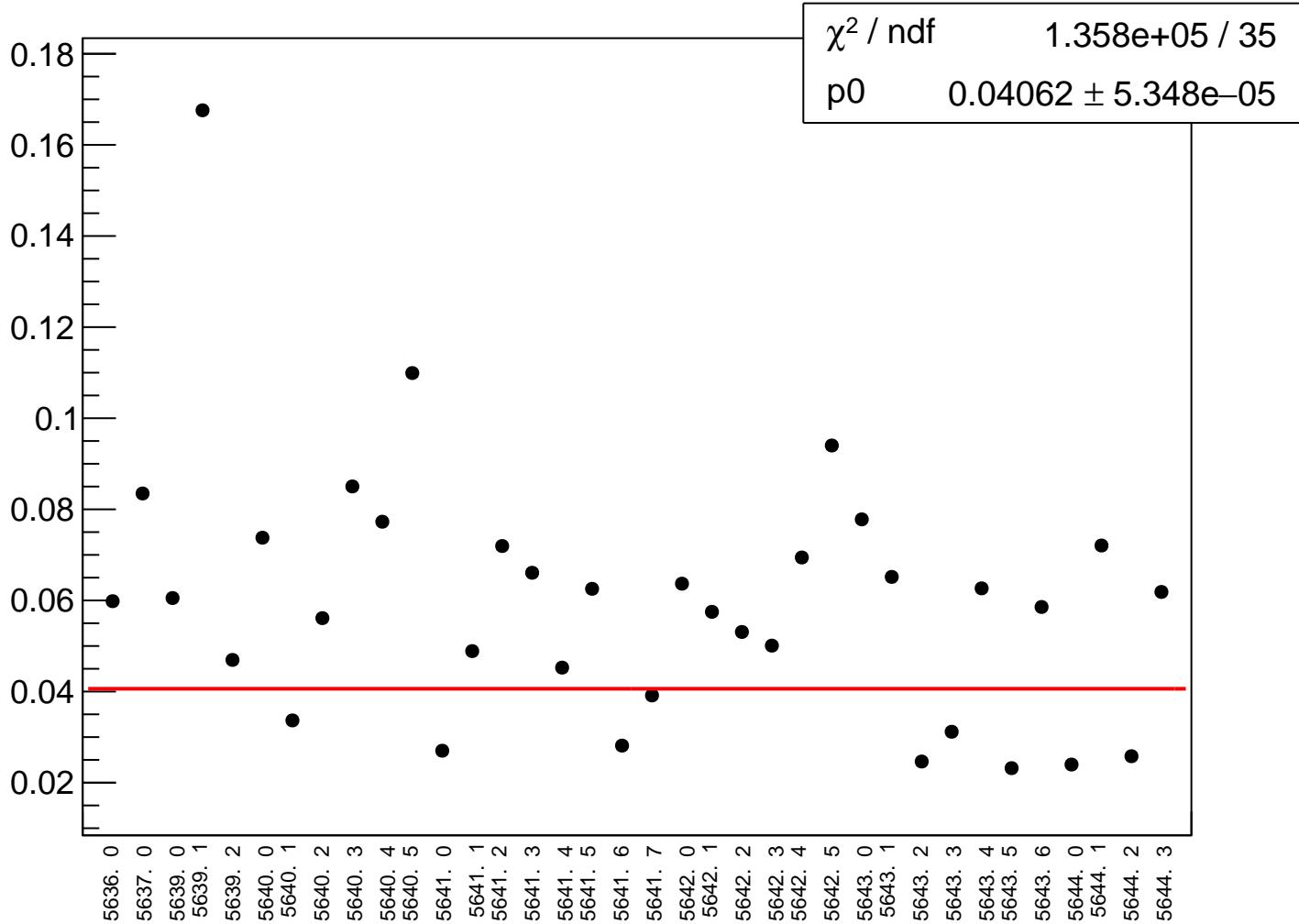
# yield\_bpm4eY\_rms vs run



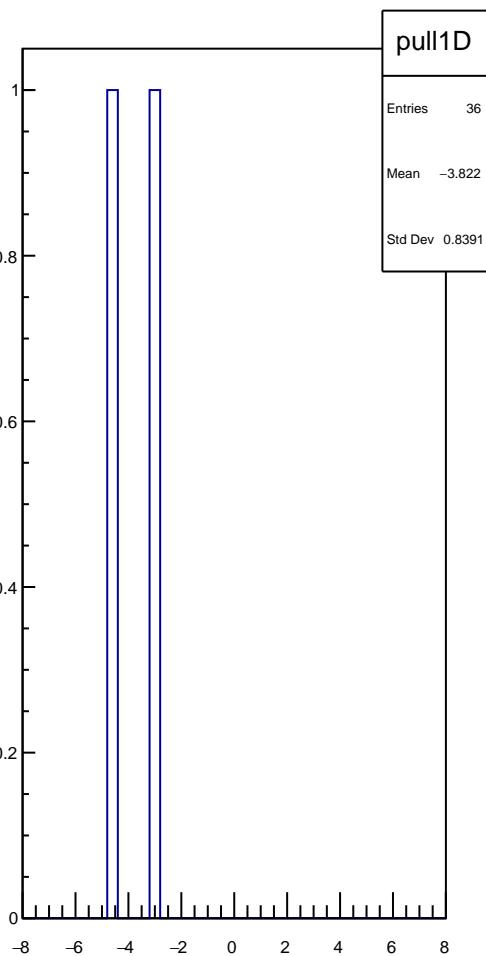
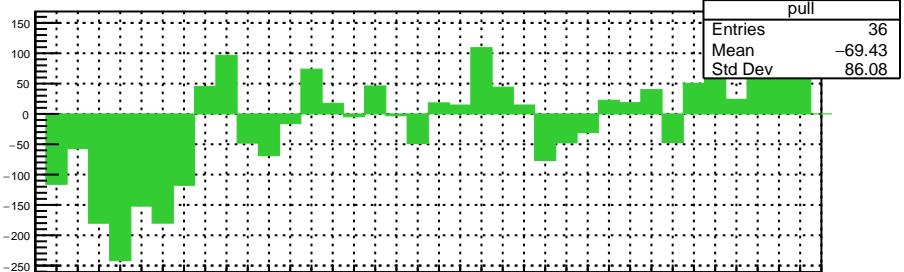
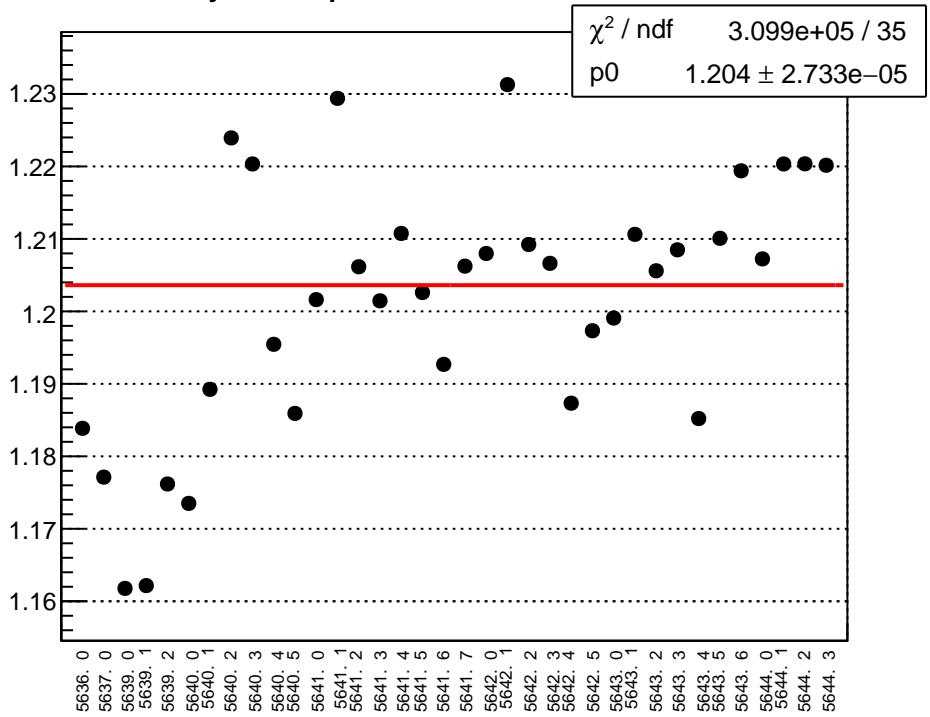
# yield\_bpm4acX\_mean vs run



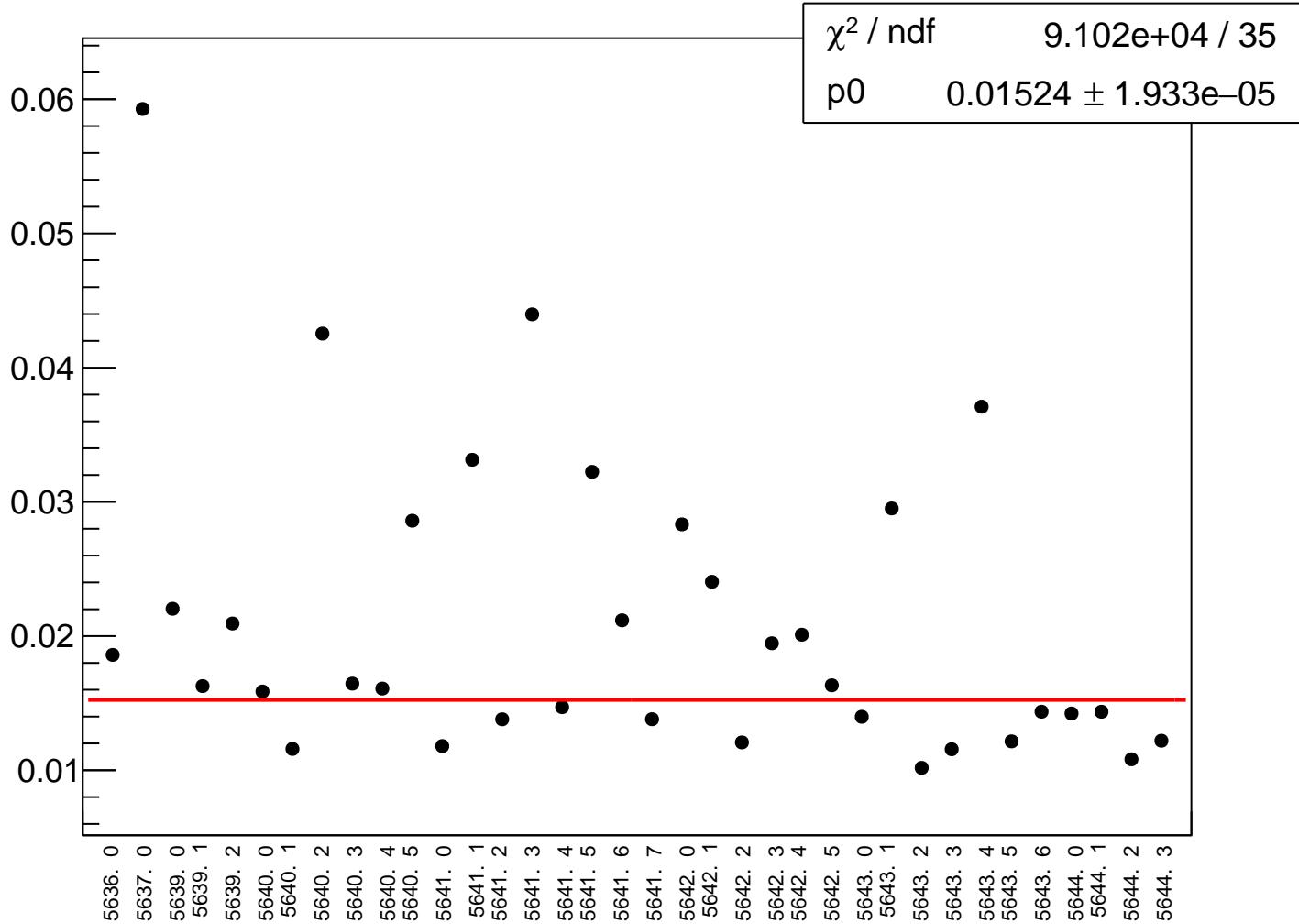
# yield\_bpm4acX\_rms vs run



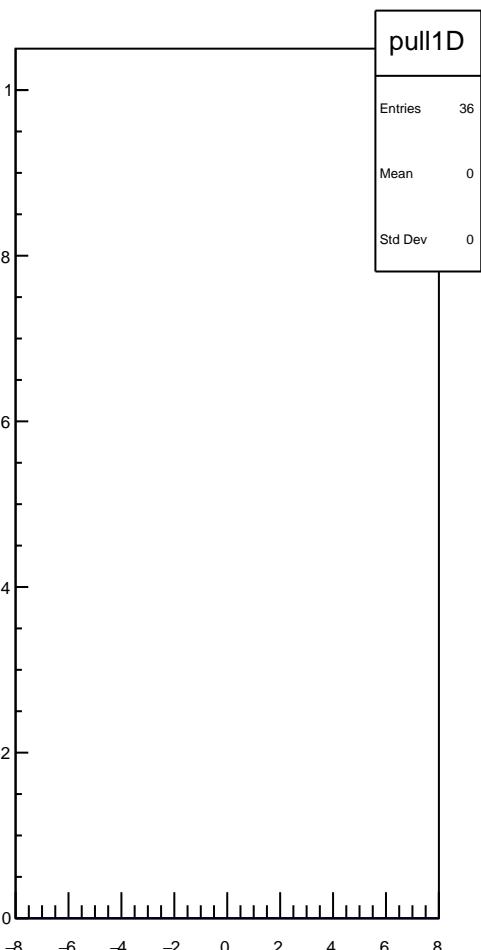
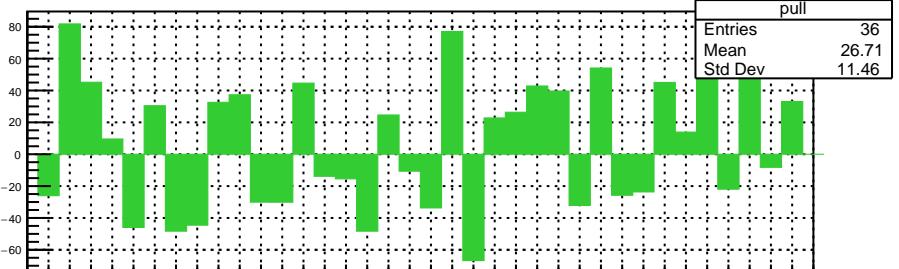
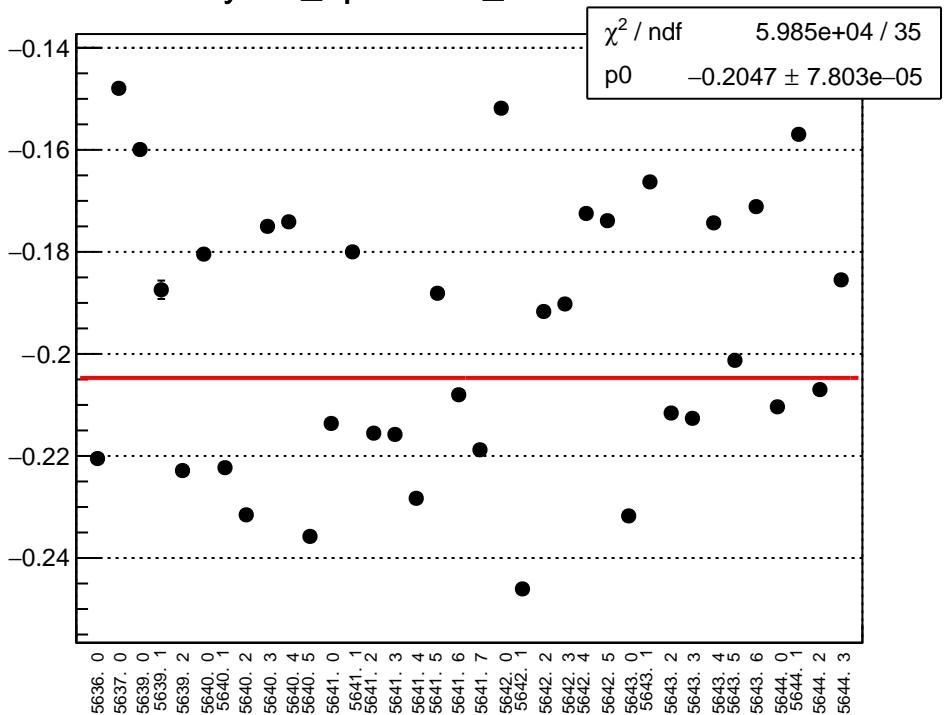
# yield\_bpm4acY\_mean vs run



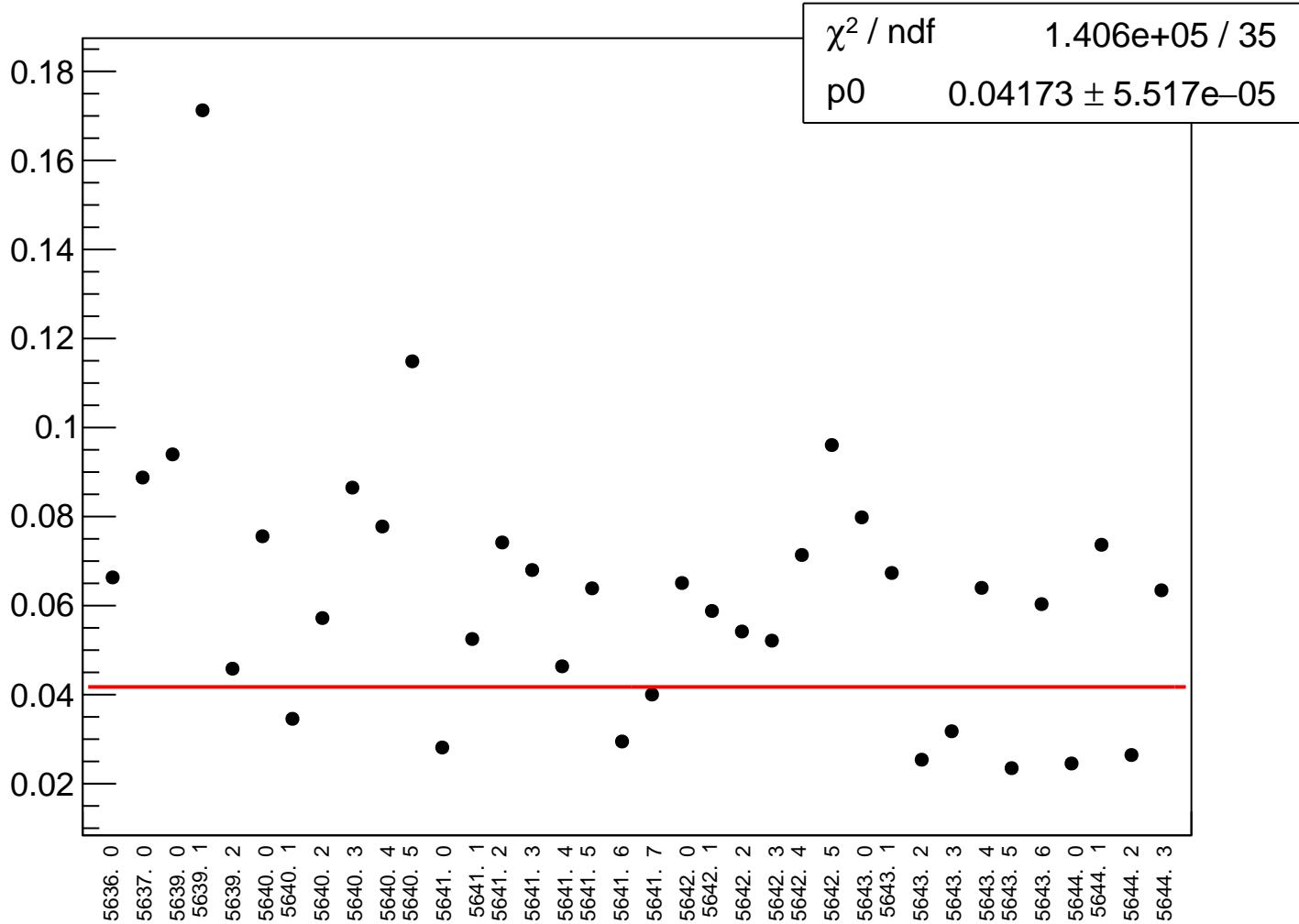
# yield\_bpm4acY\_rms vs run



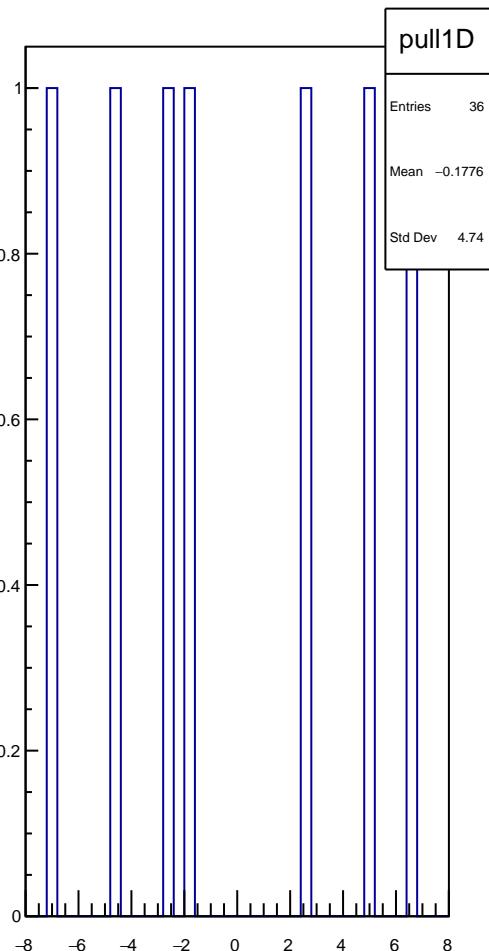
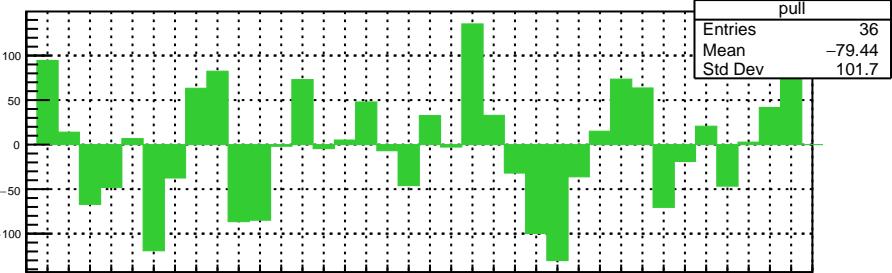
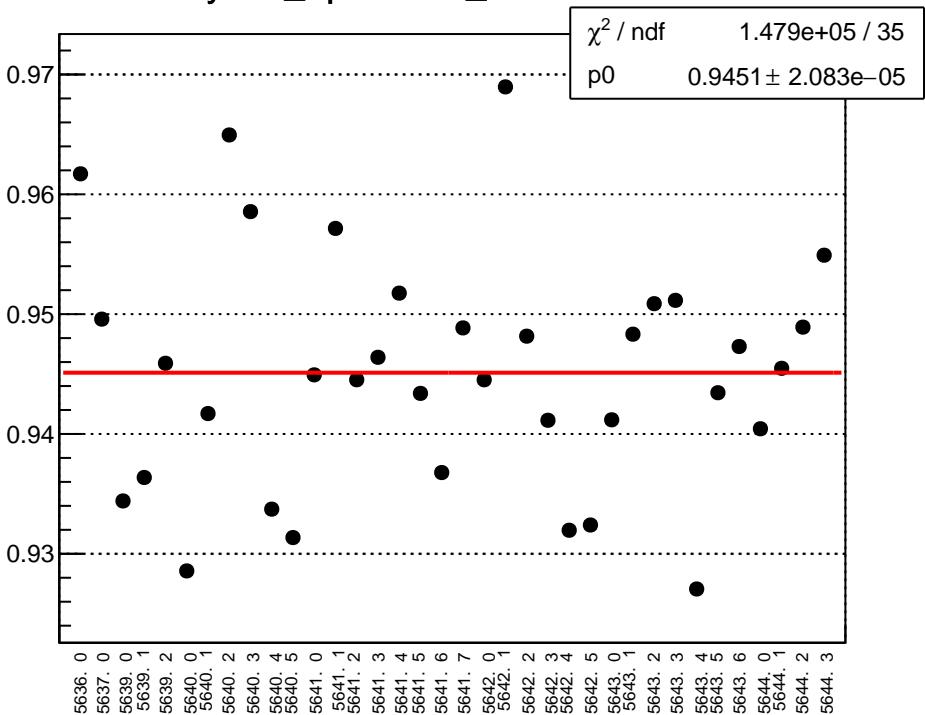
# yield\_bpm4ecX\_mean vs run



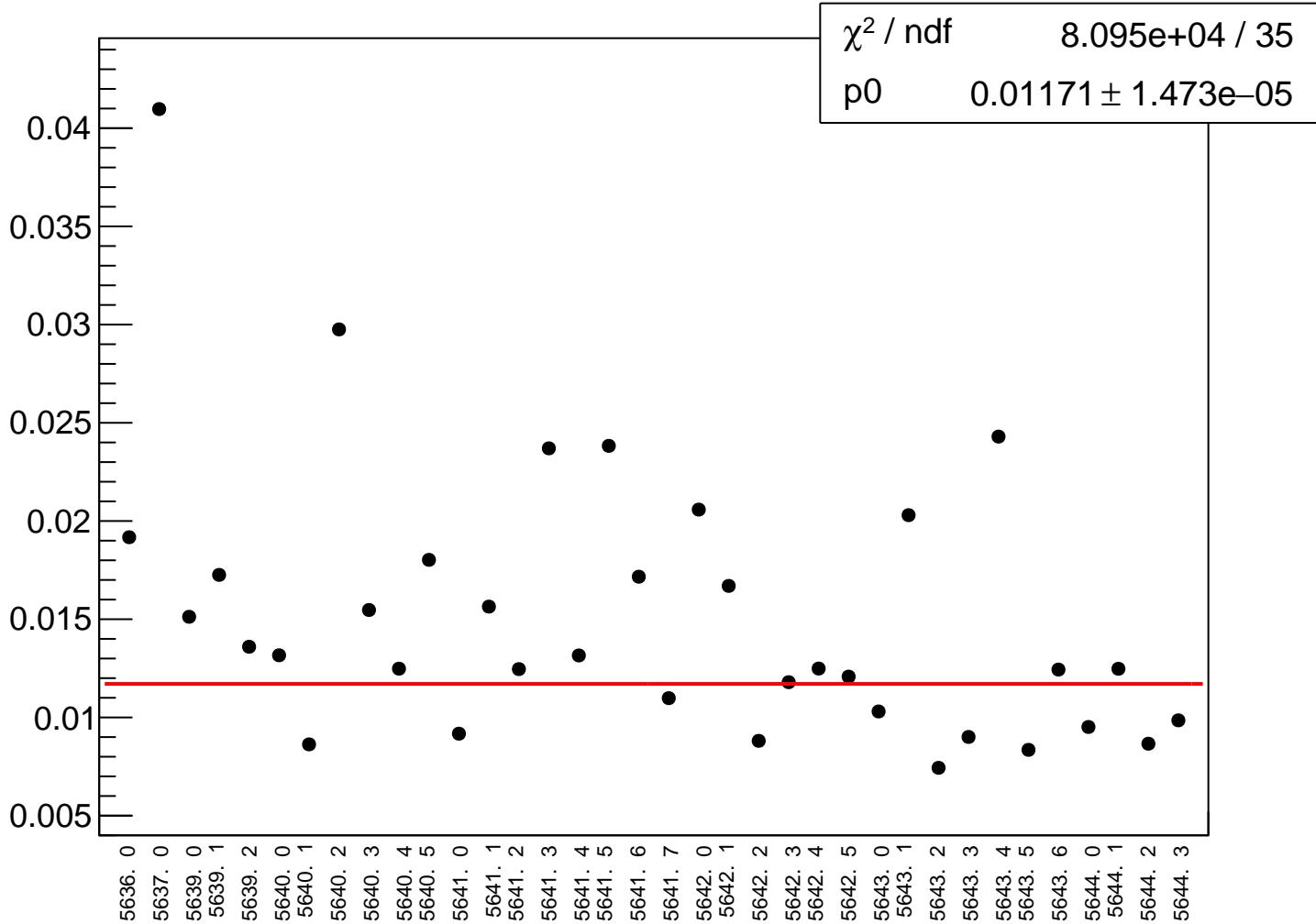
# yield\_bpm4ecX\_rms vs run



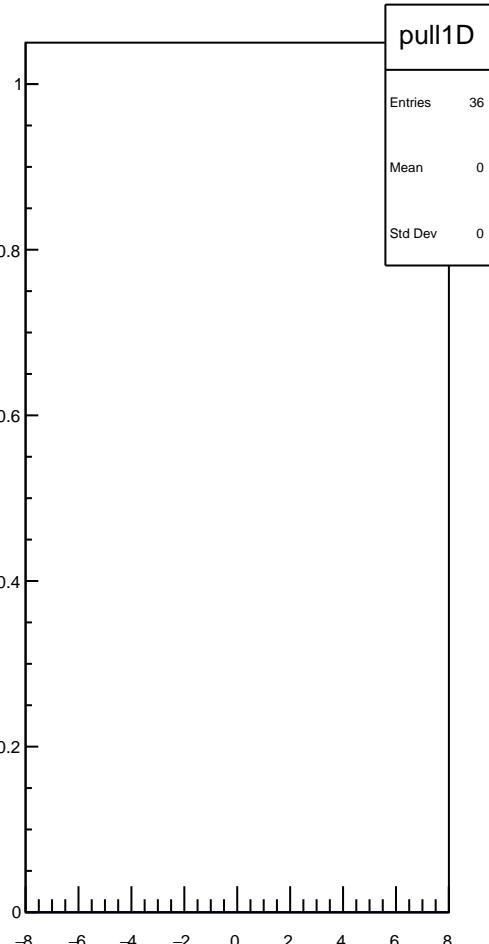
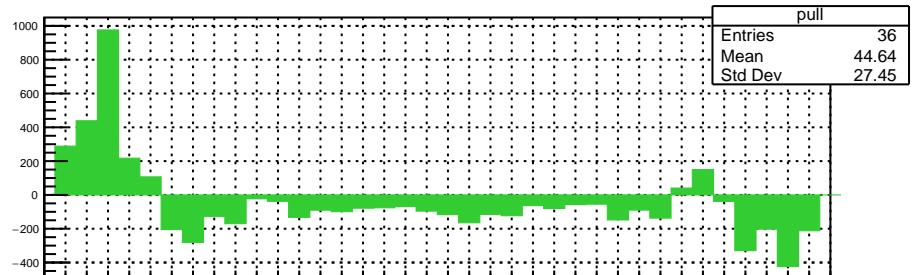
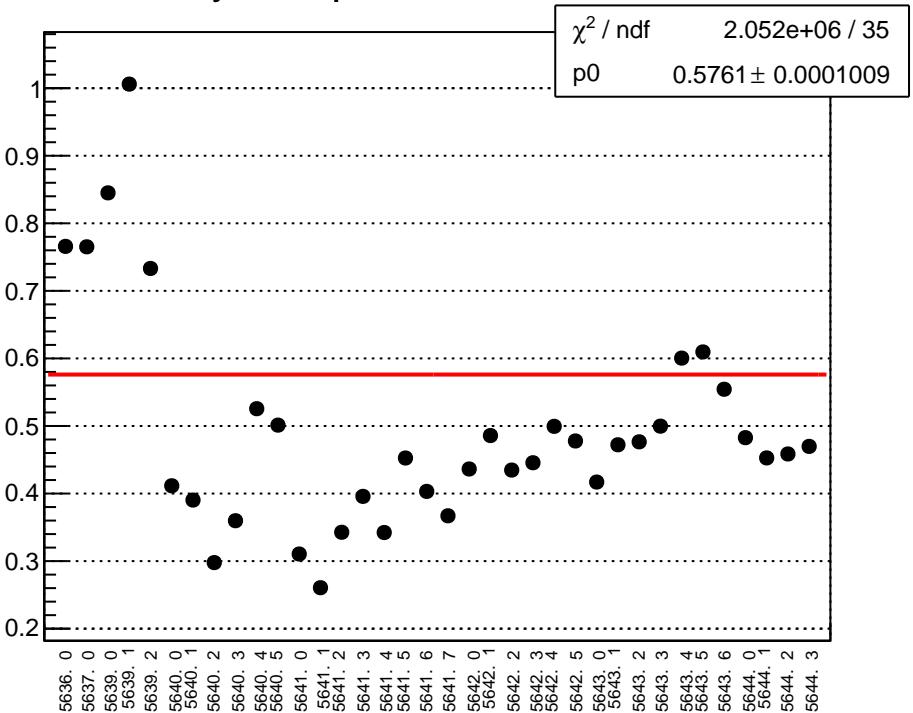
# yield\_bpm4ecY\_mean vs run



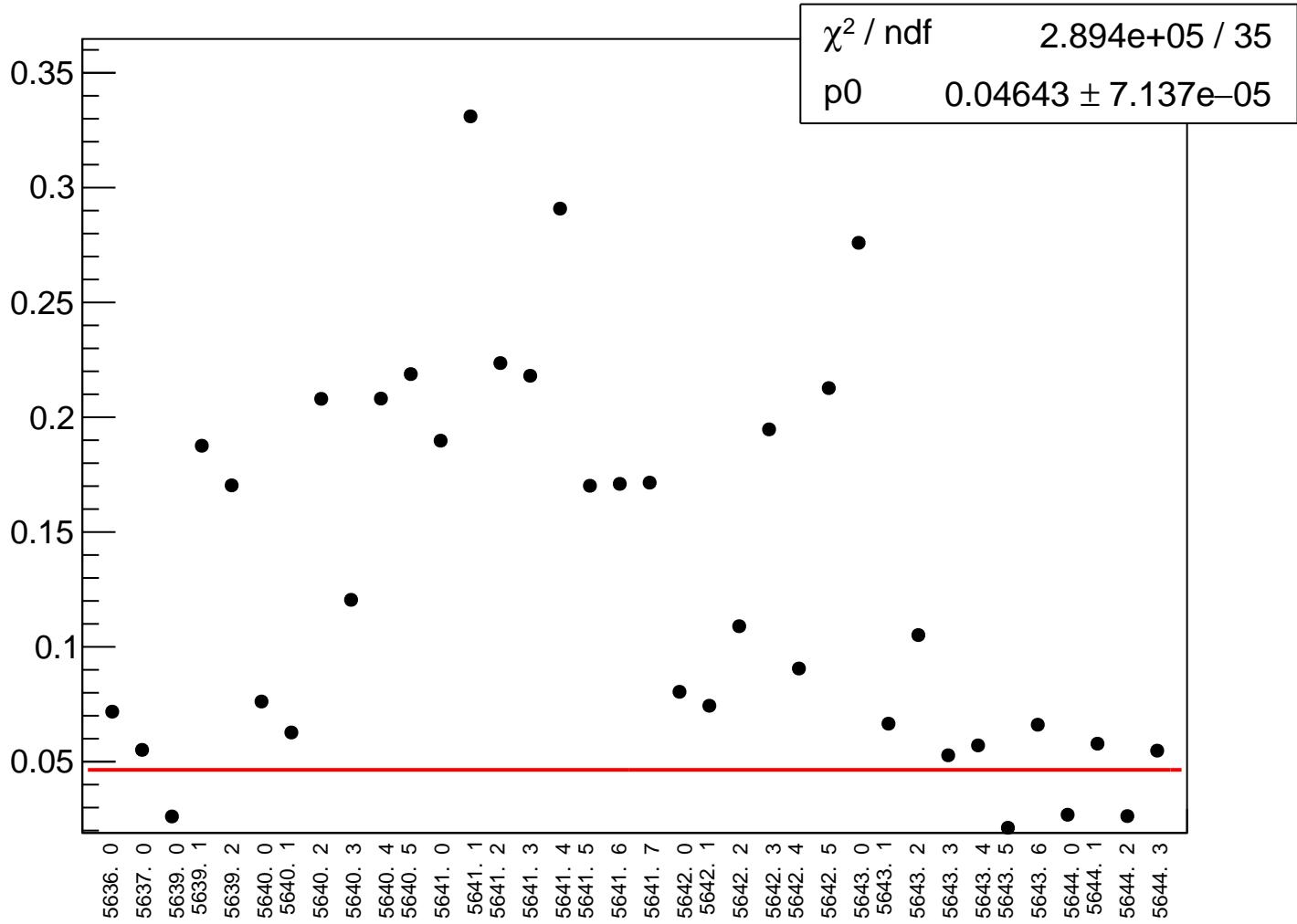
# yield\_bpm4ecY\_rms vs run



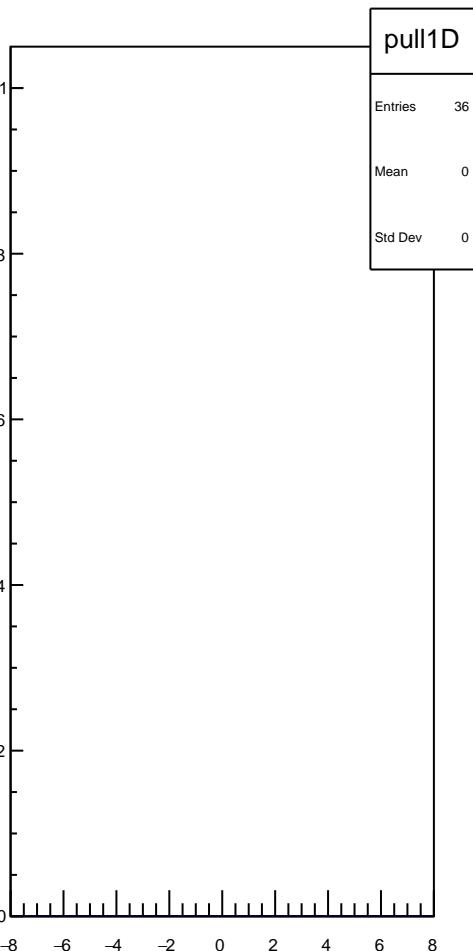
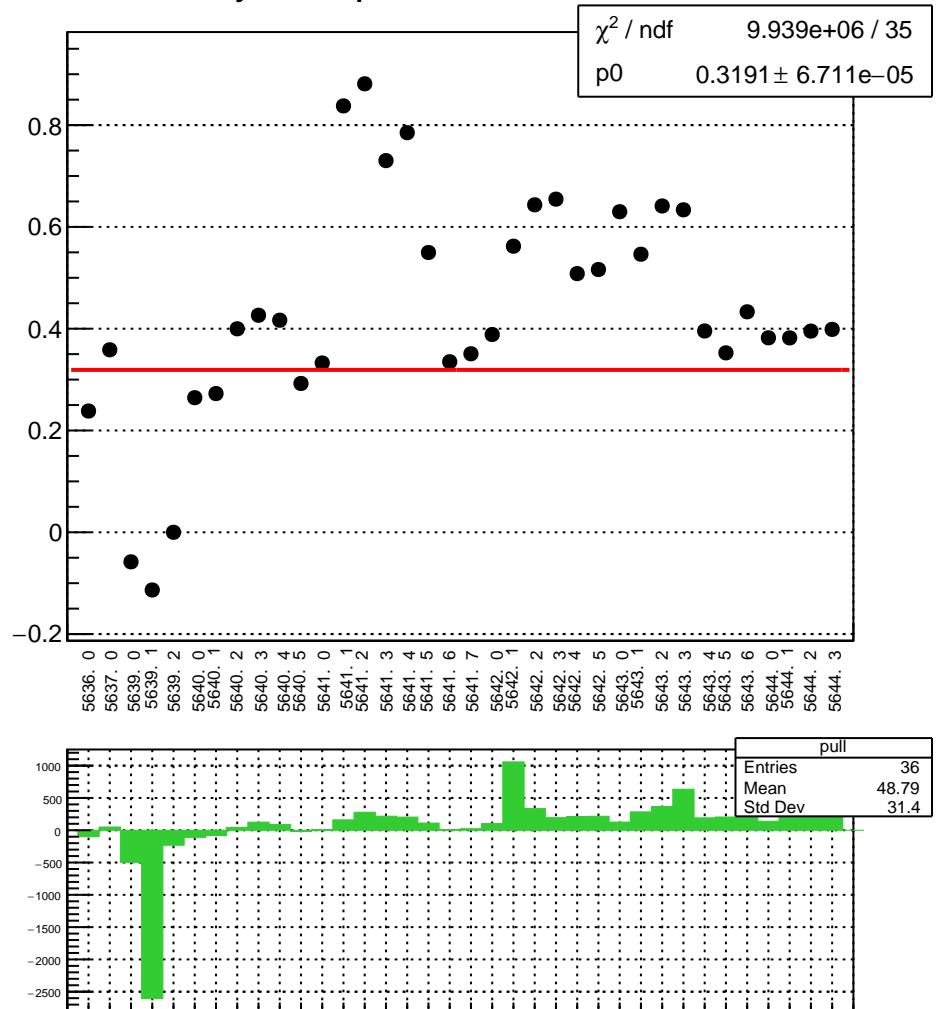
# yield\_bpm1X\_mean vs run



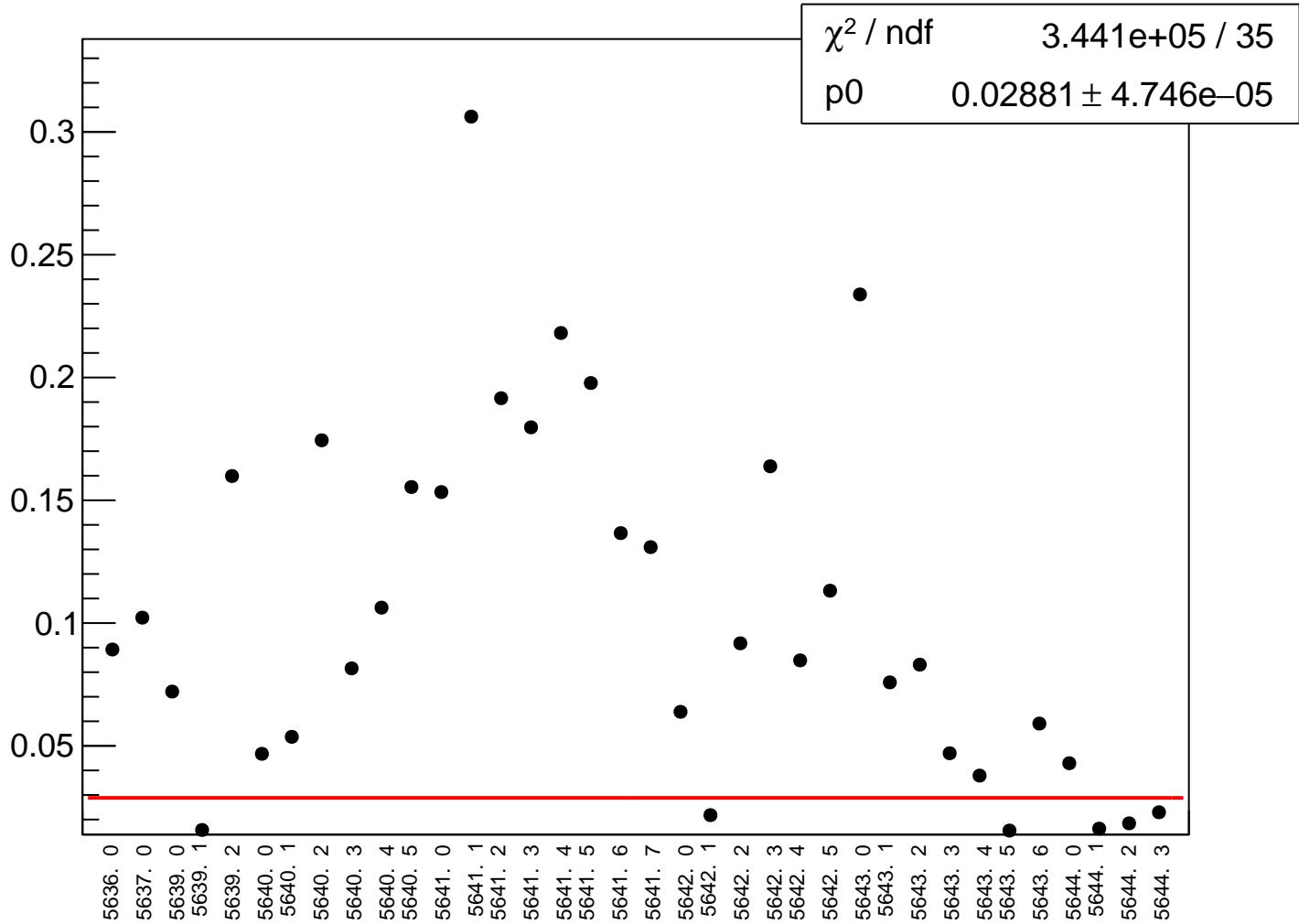
# yield\_bpm1X\_rms vs run



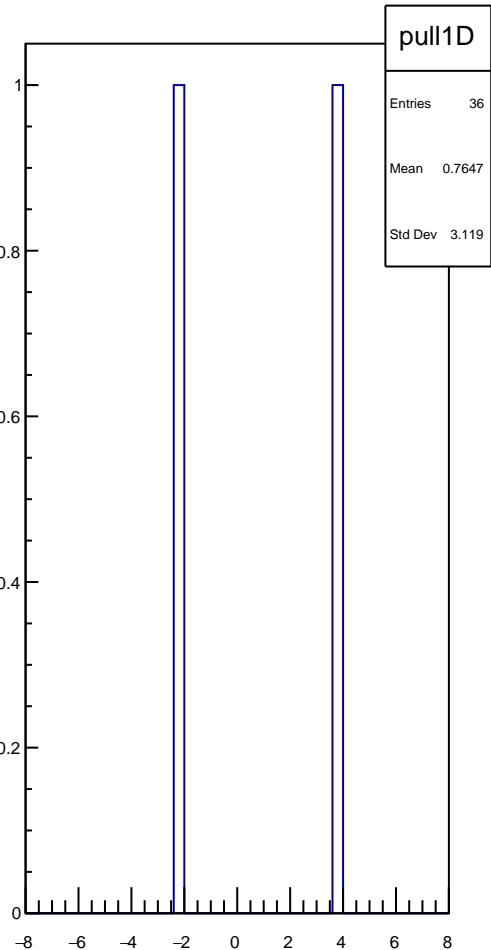
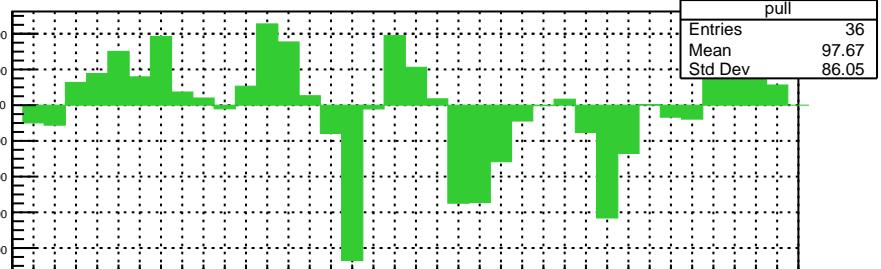
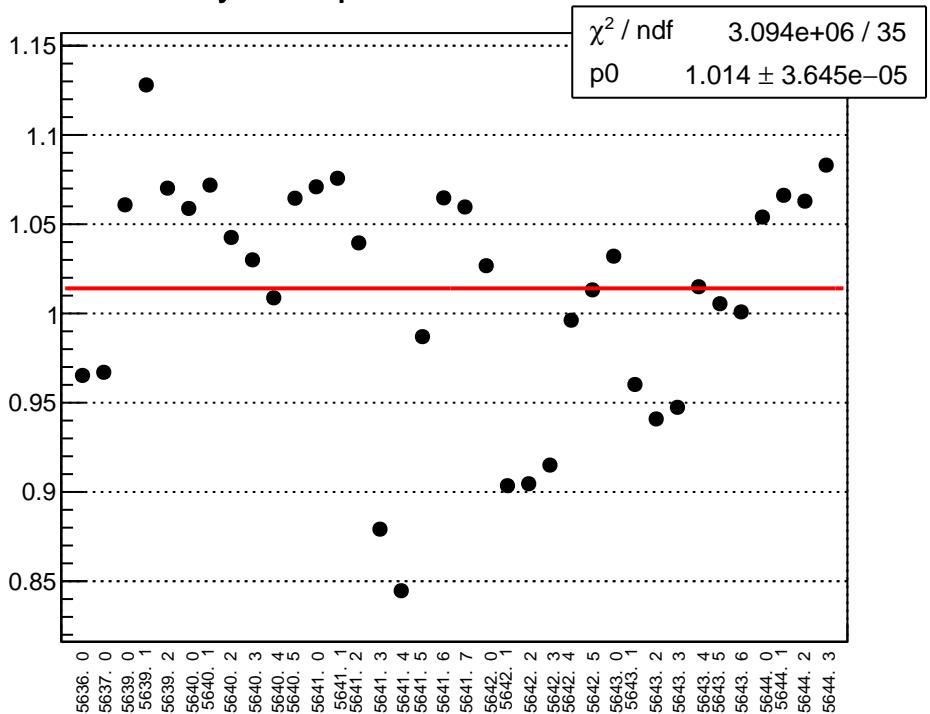
# yield\_bpm1Y\_mean vs run



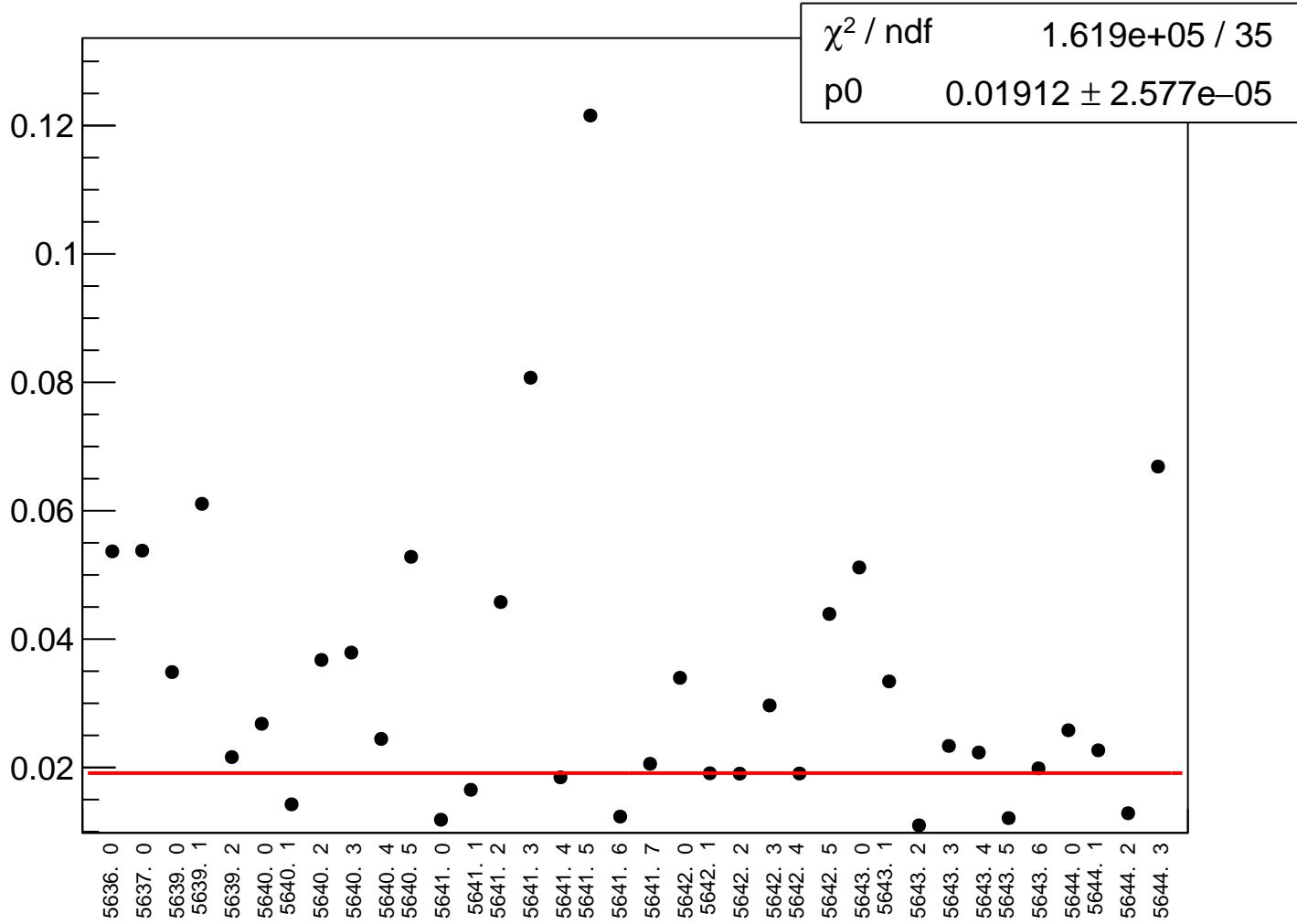
# yield\_bpm1Y\_rms vs run



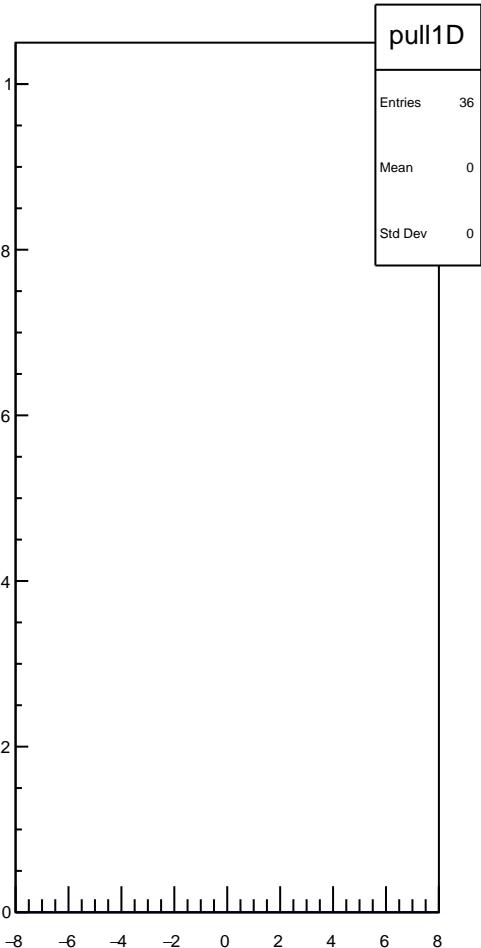
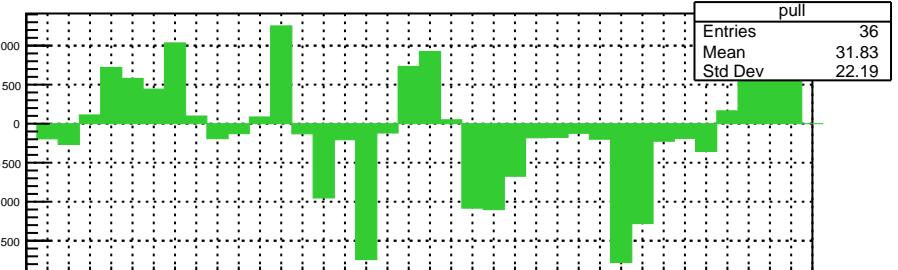
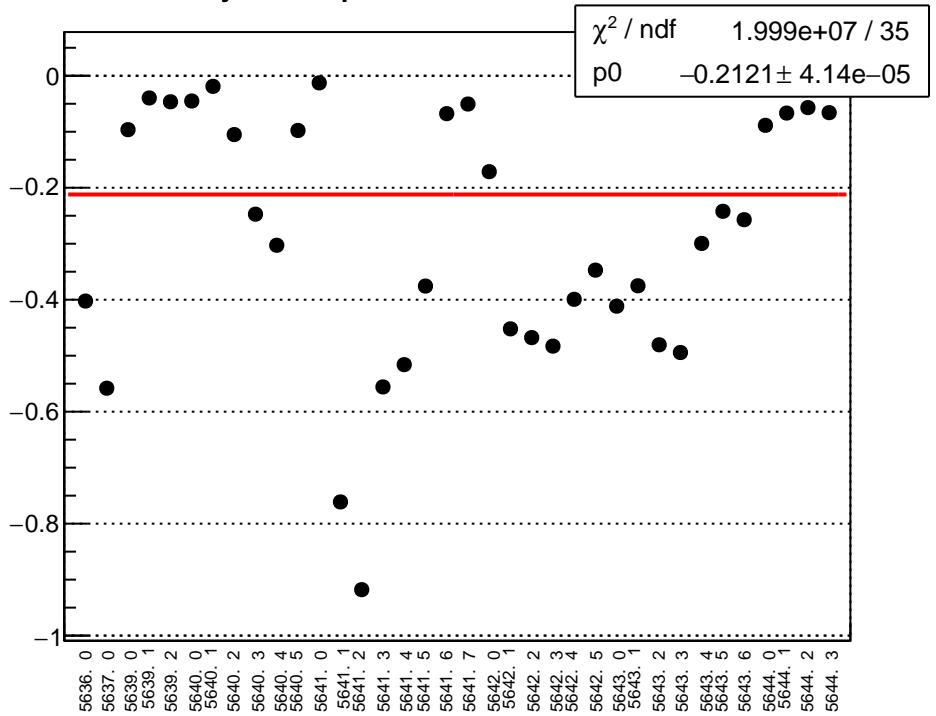
# yield\_bpm11X\_mean vs run



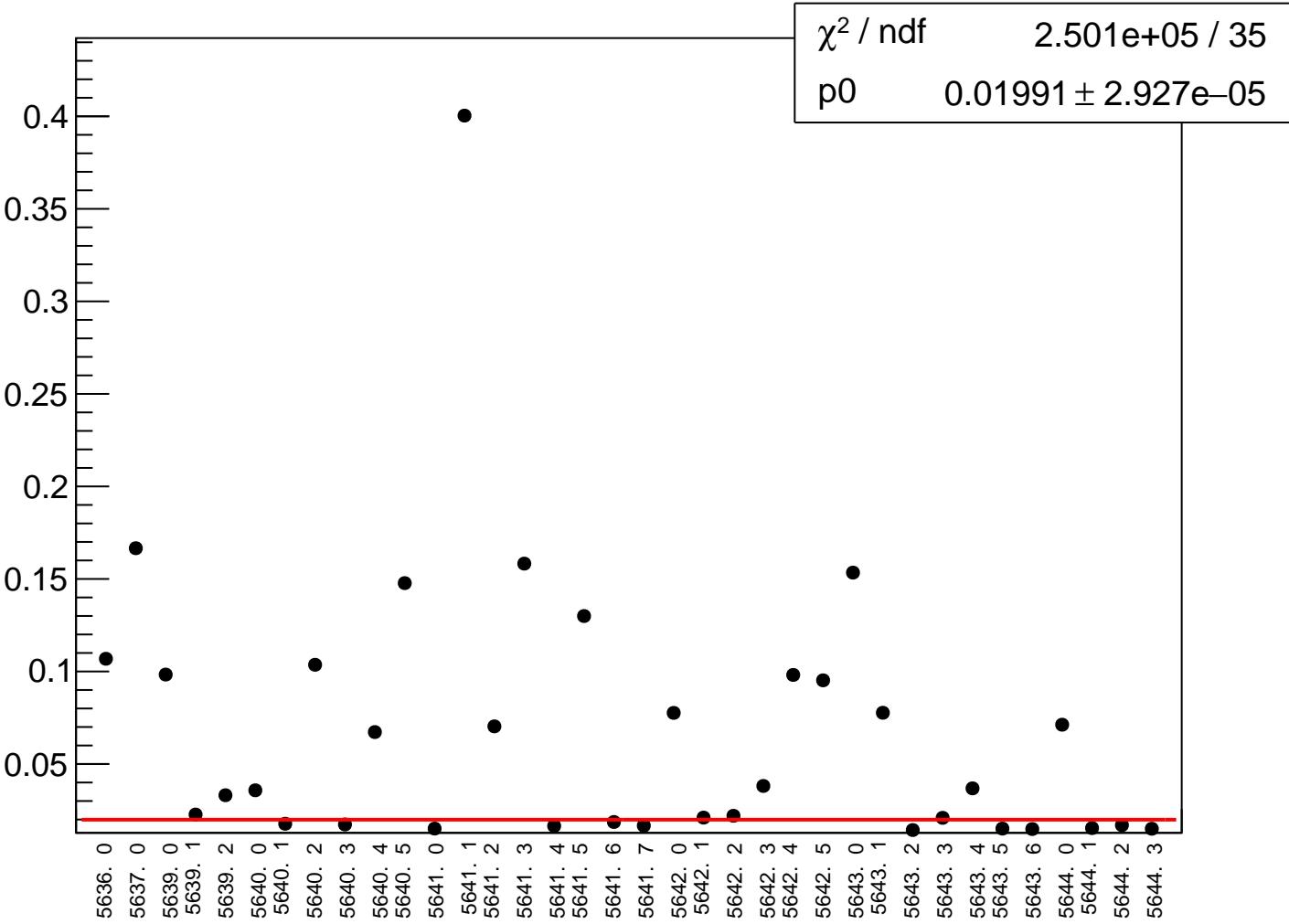
# yield\_bpm11X\_rms vs run



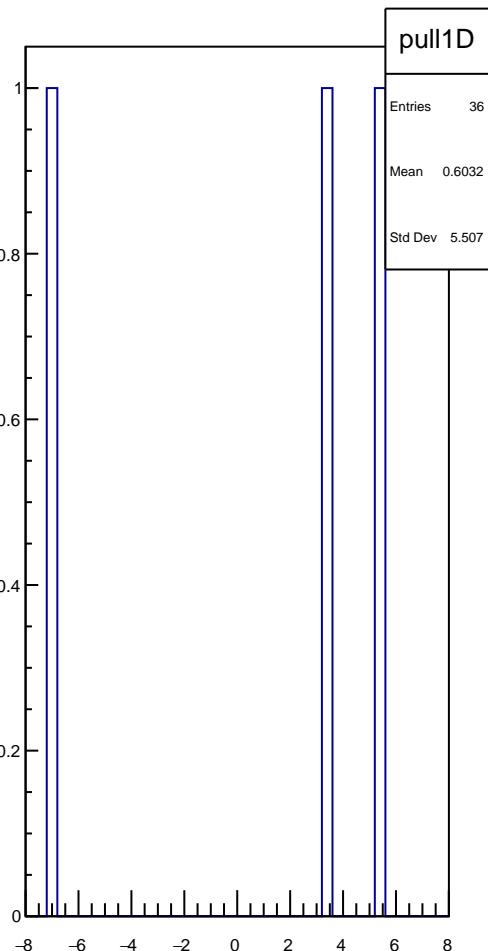
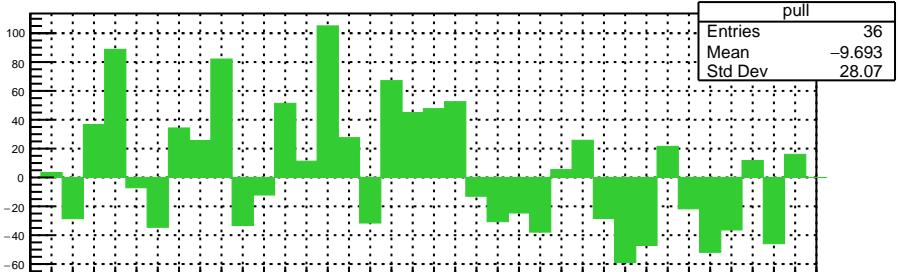
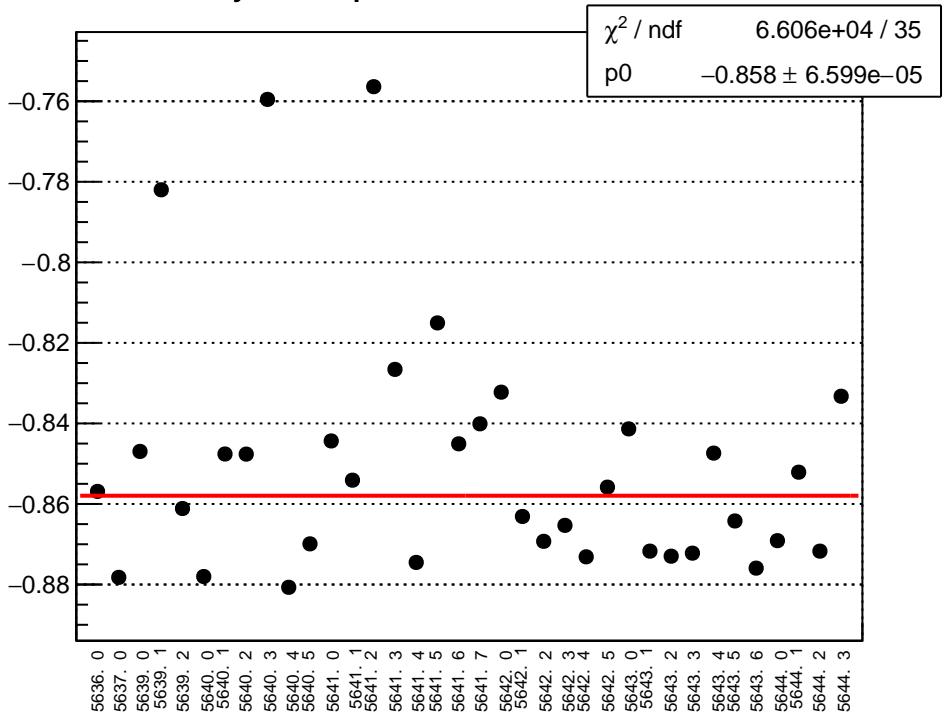
# yield\_bpm11Y\_mean vs run



# yield\_bpm11Y\_rms vs run

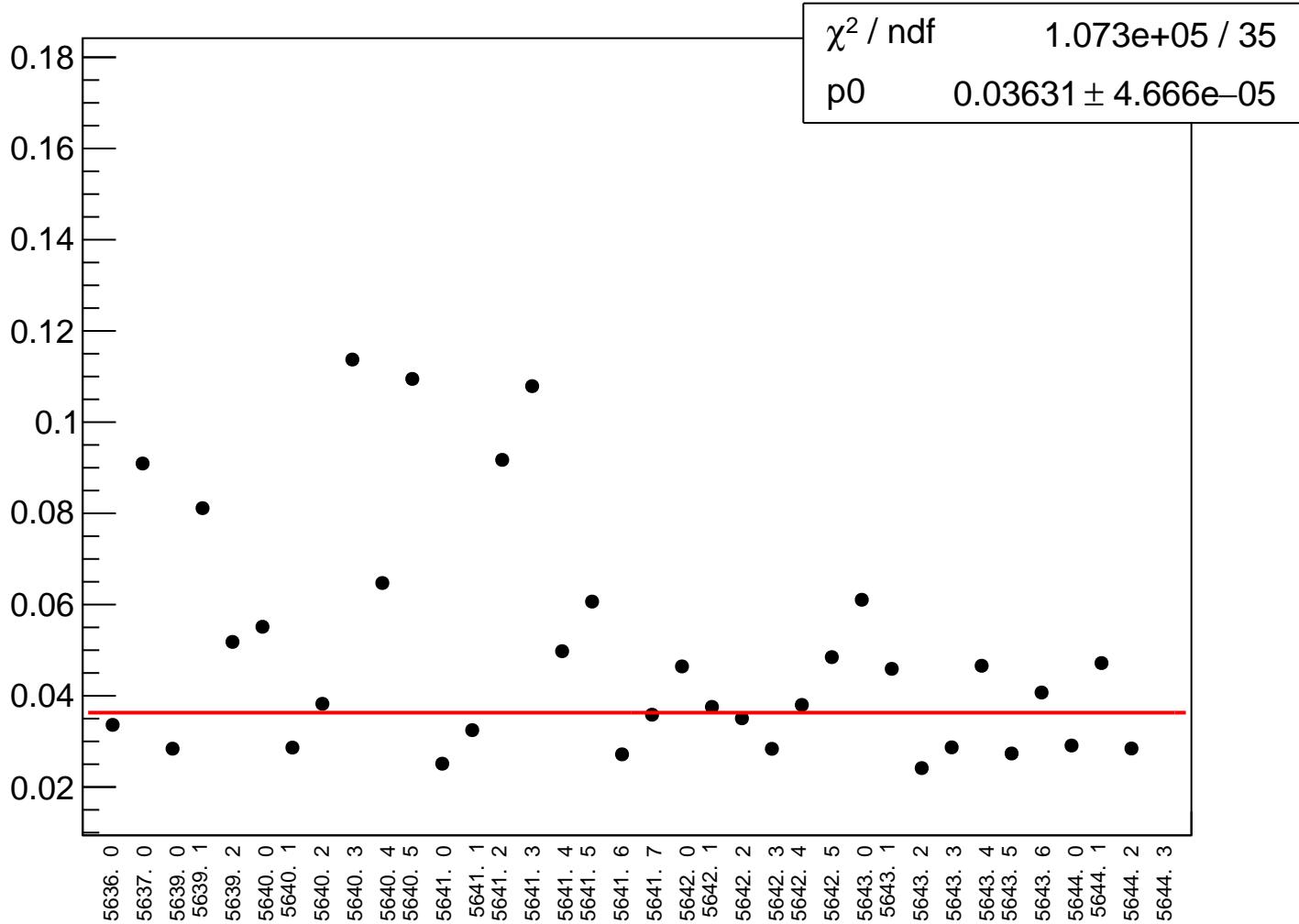


# yield\_bpm12X\_mean vs run

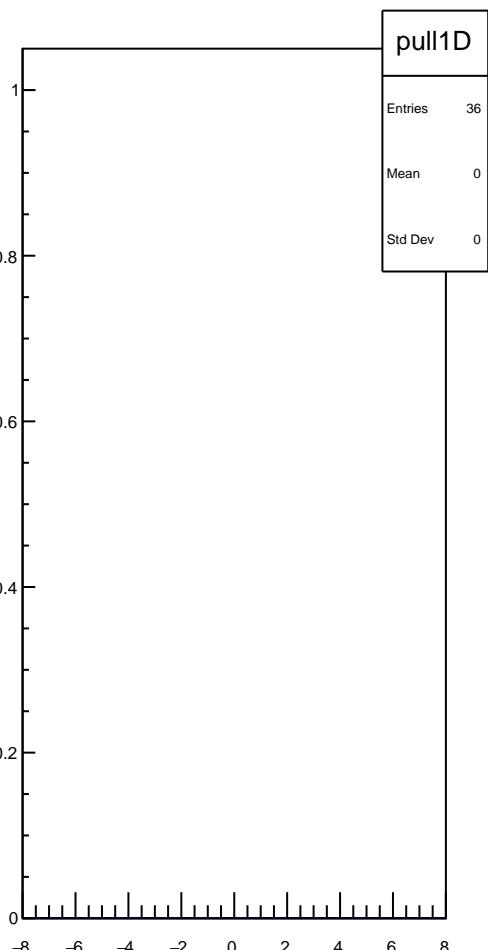
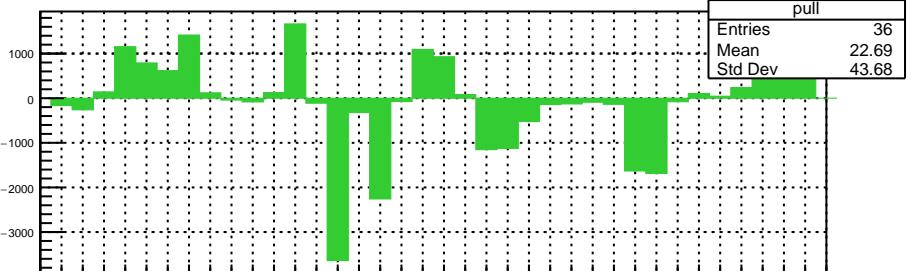
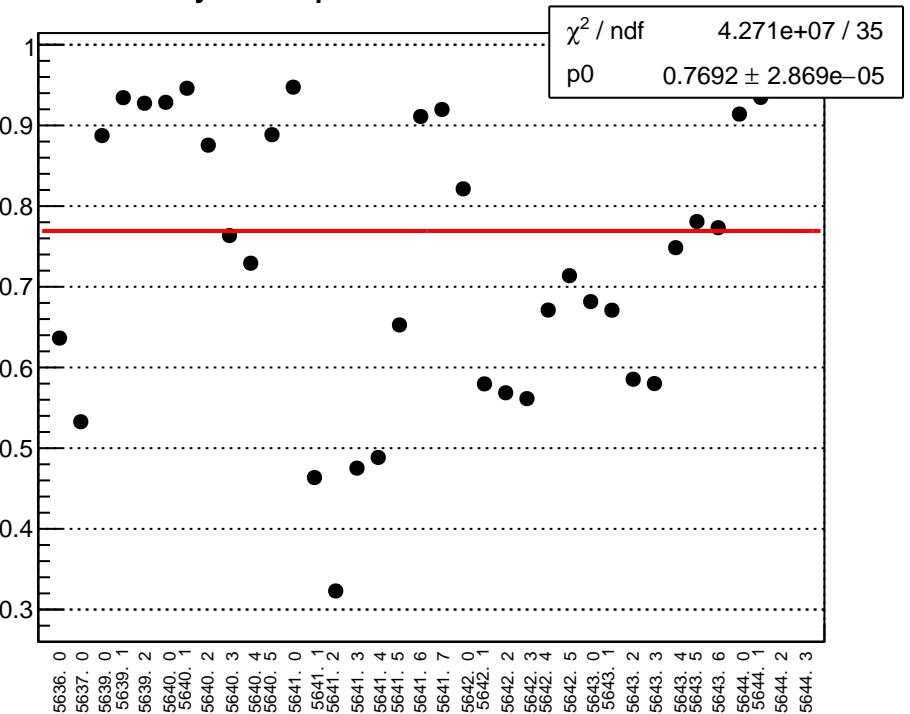


pull1D

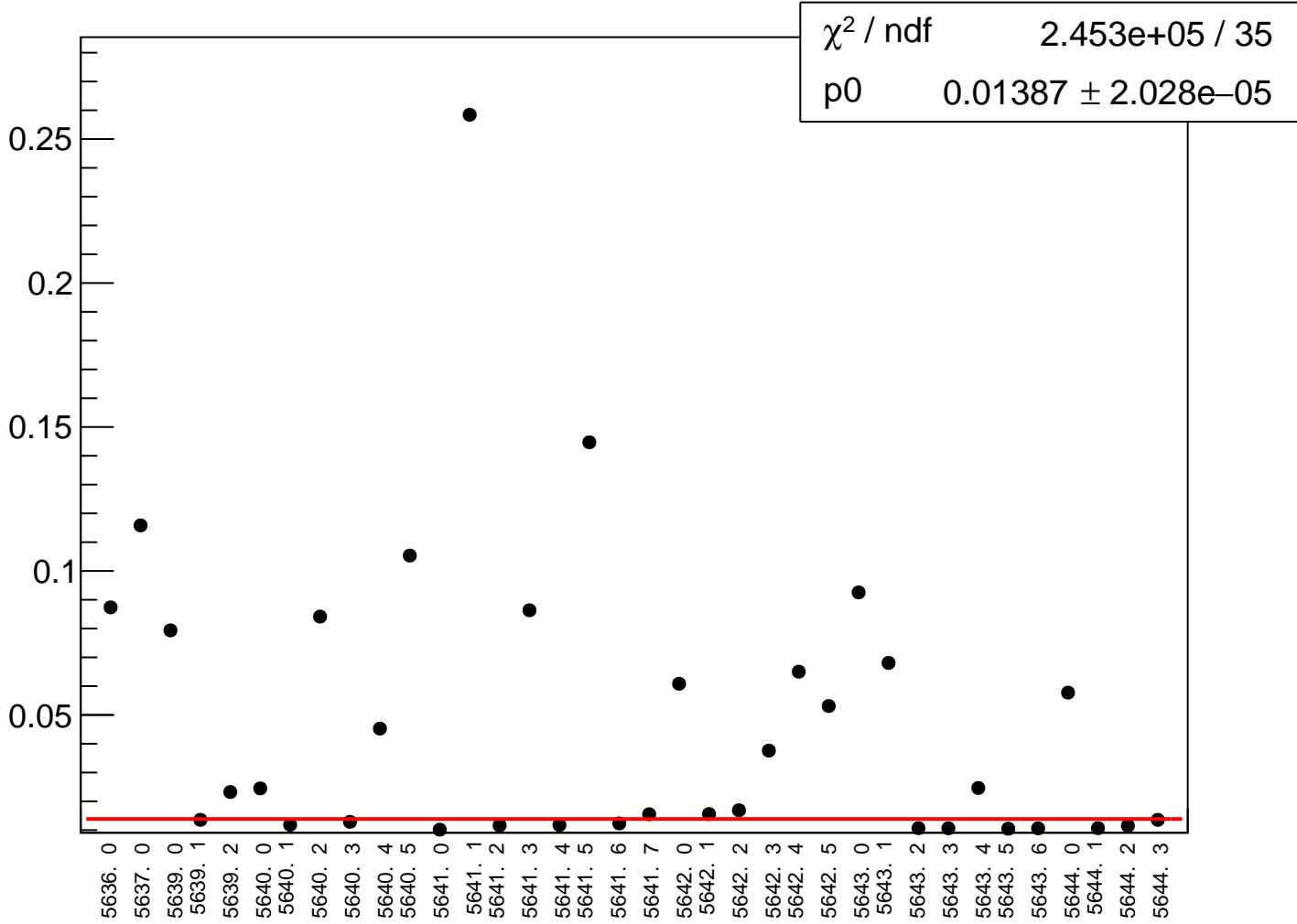
# yield\_bpm12X\_rms vs run



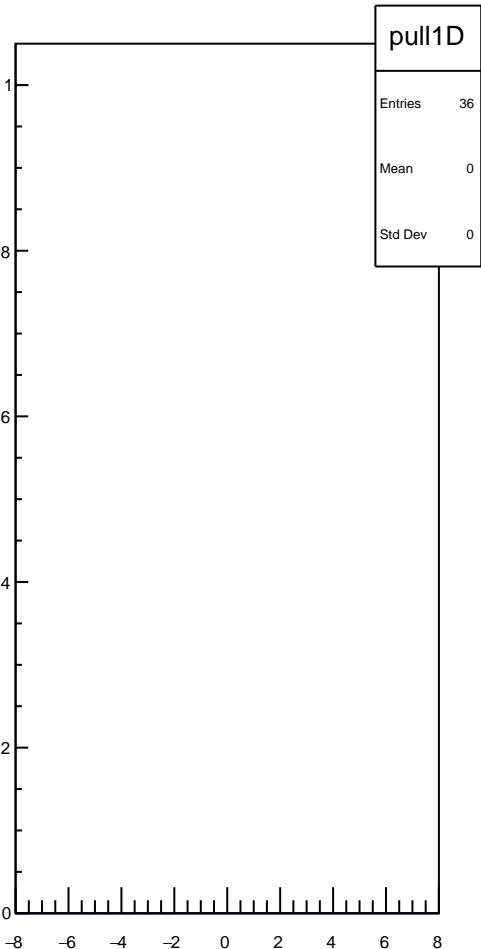
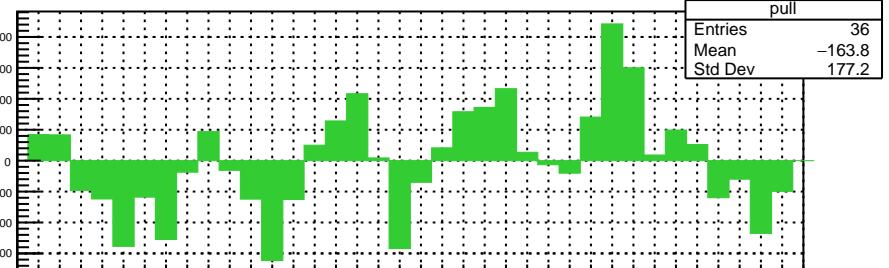
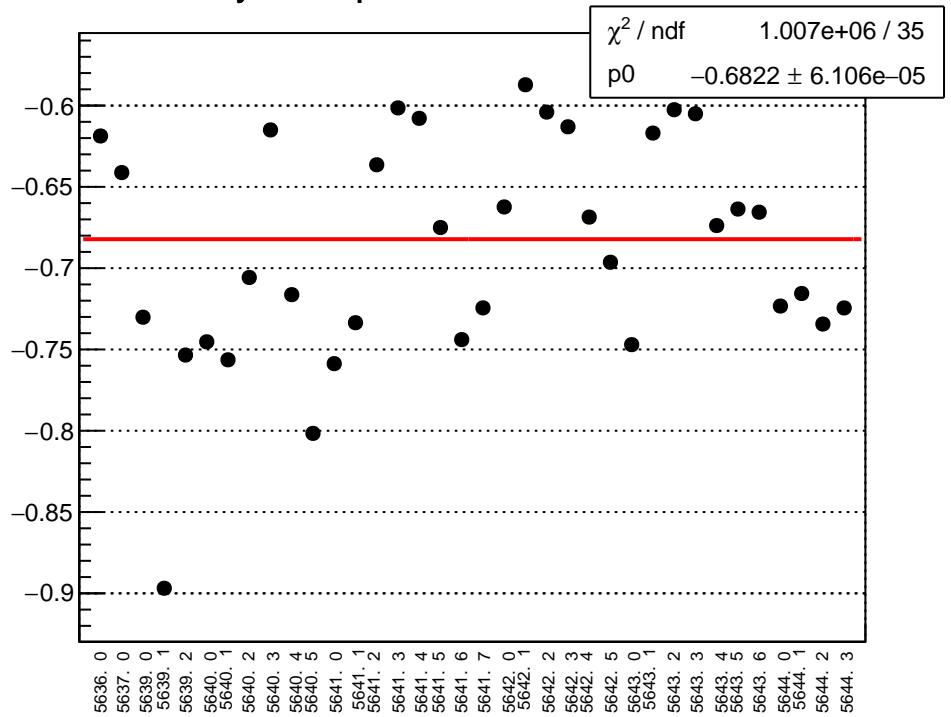
# yield\_bpm12Y\_mean vs run



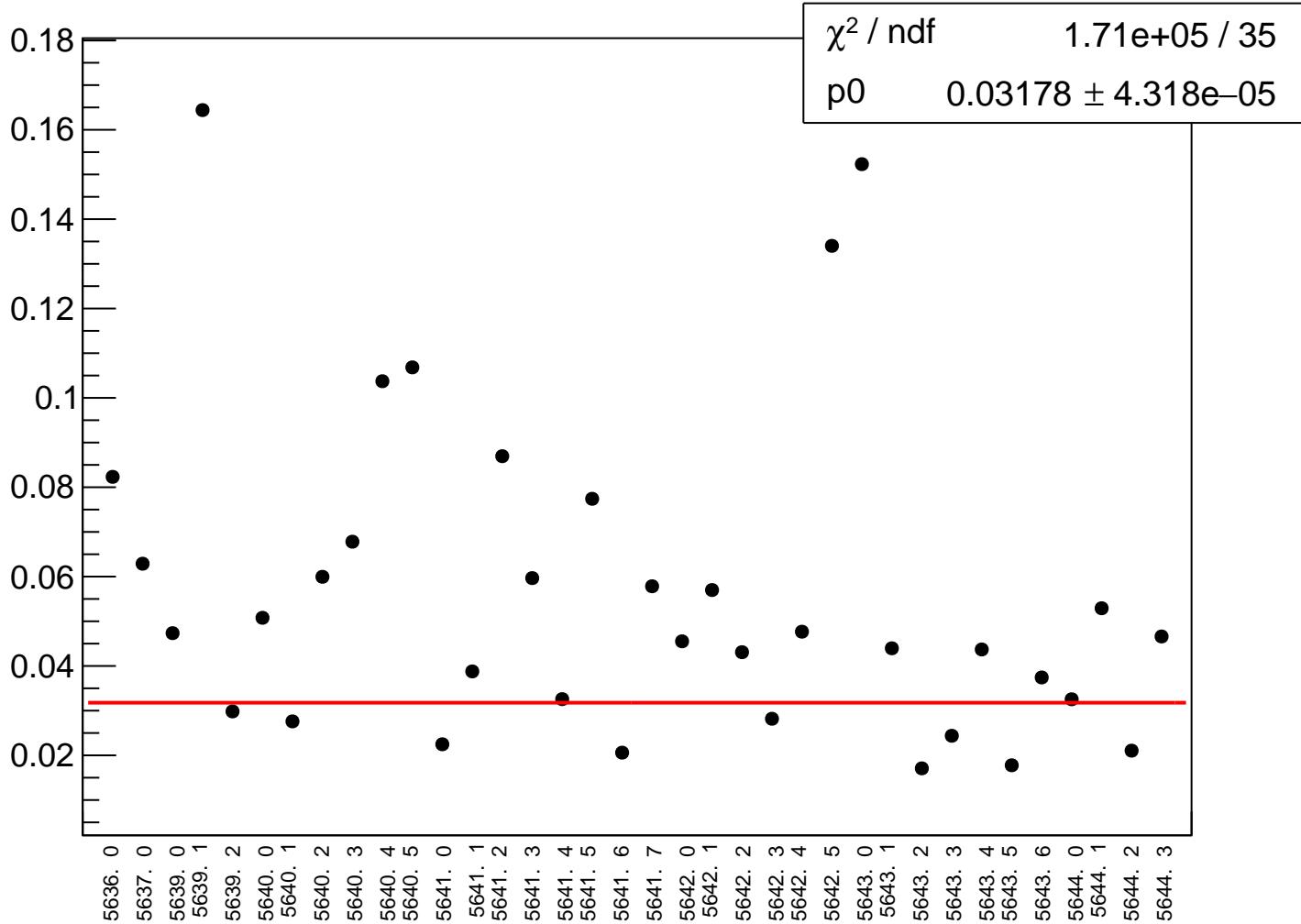
# yield\_bpm12Y\_rms vs run



# yield\_bpm16X\_mean vs run

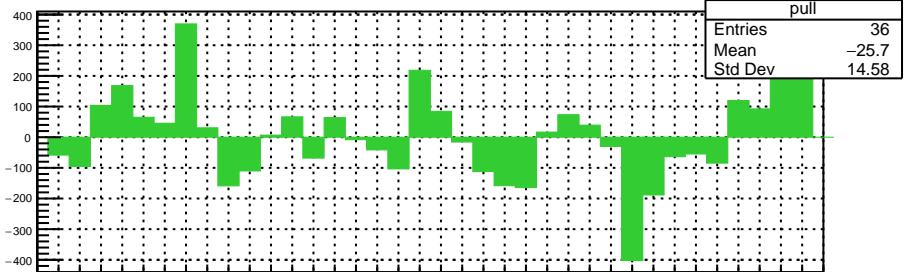
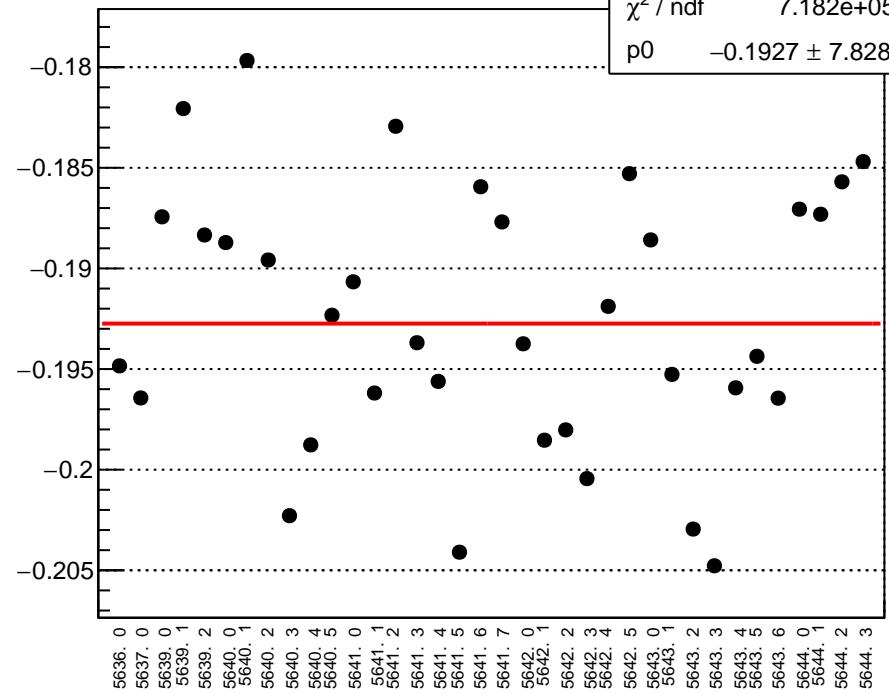


# yield\_bpm16X\_rms vs run



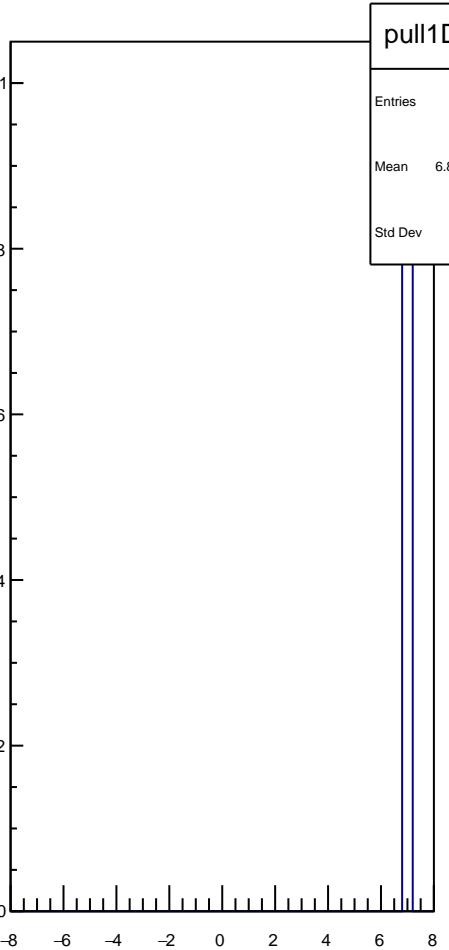
# yield\_bpm16Y\_mean vs run

$\chi^2 / \text{ndf}$  7.182e+05 / 35  
p0  $-0.1927 \pm 7.828\text{e}{-06}$

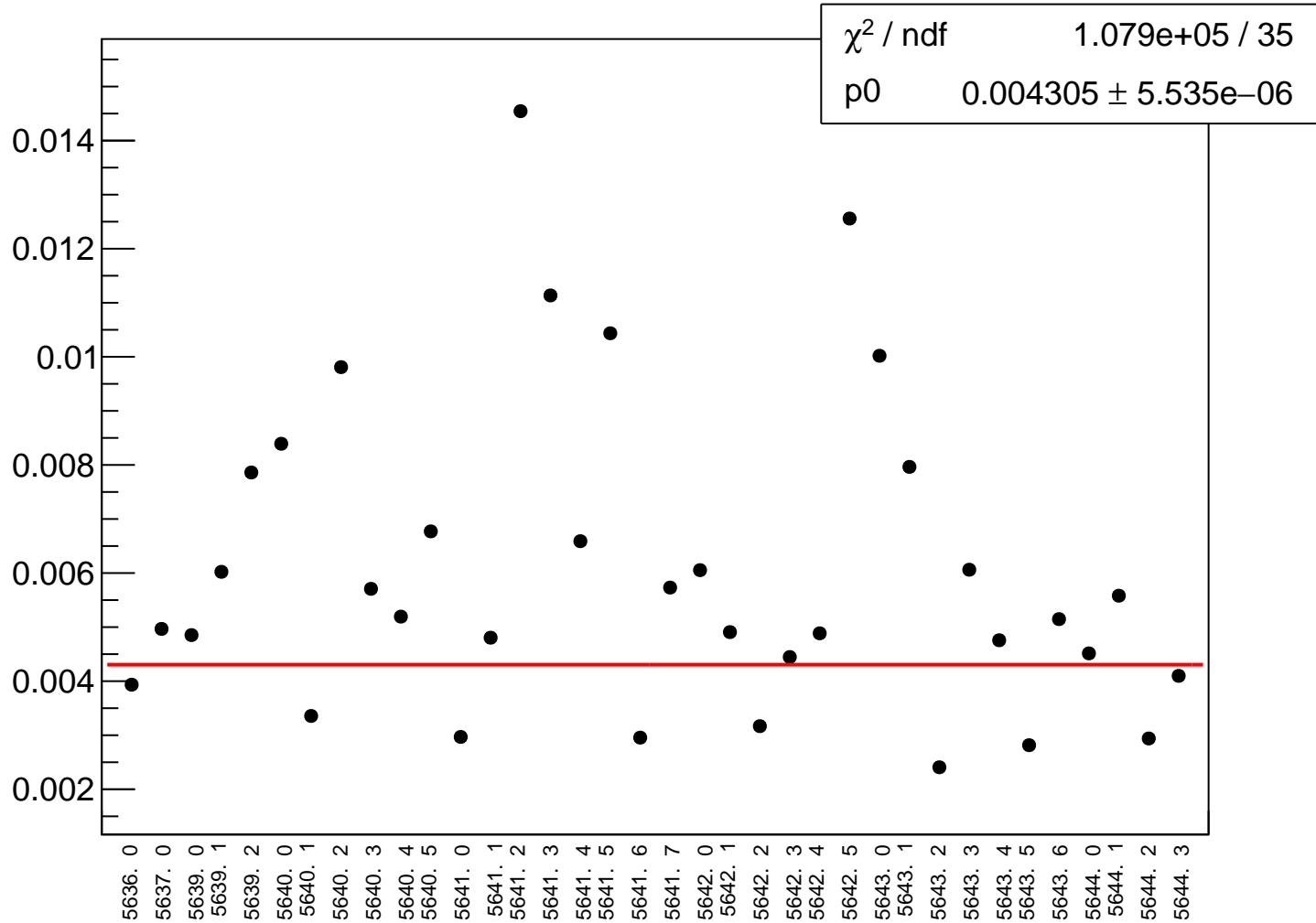


pull1D

Entries 36  
Mean 6.817  
Std Dev 0

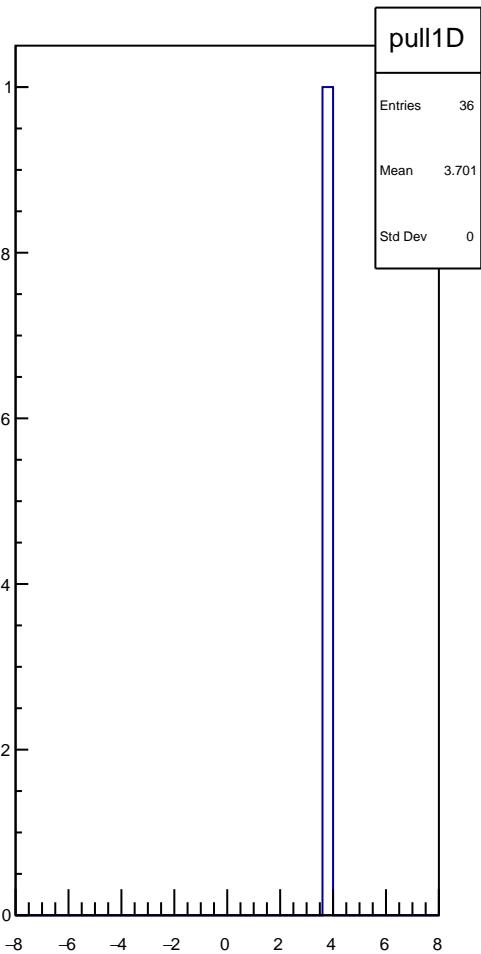
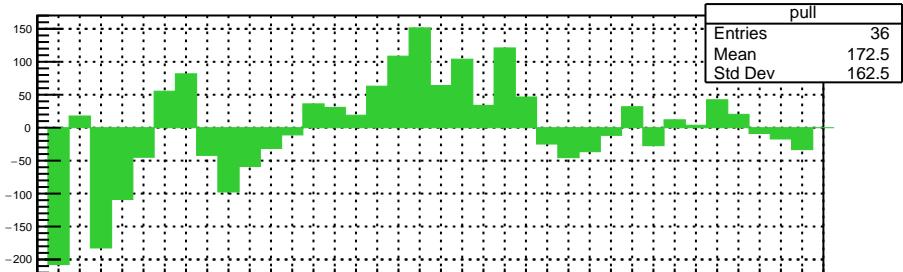
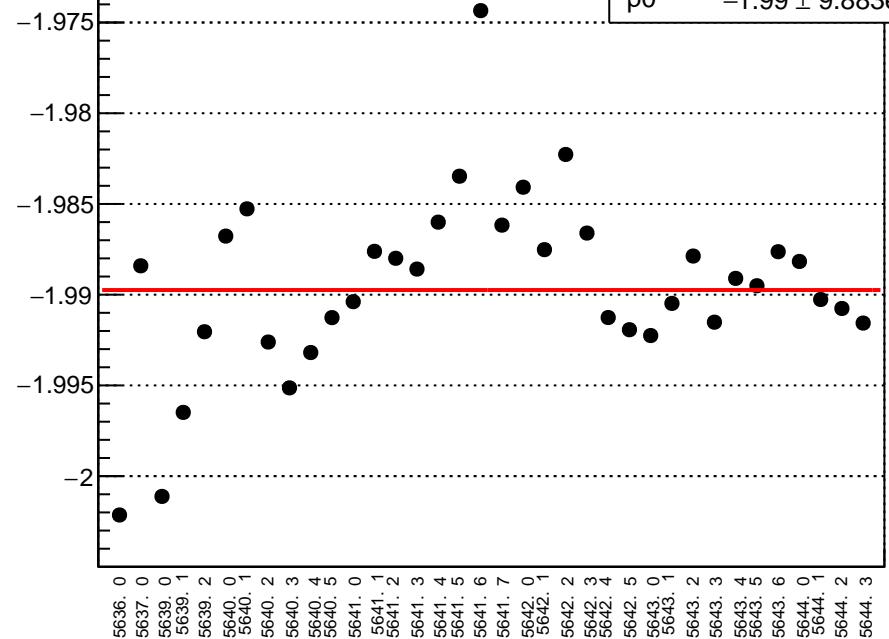


# yield\_bpm16Y\_rms vs run

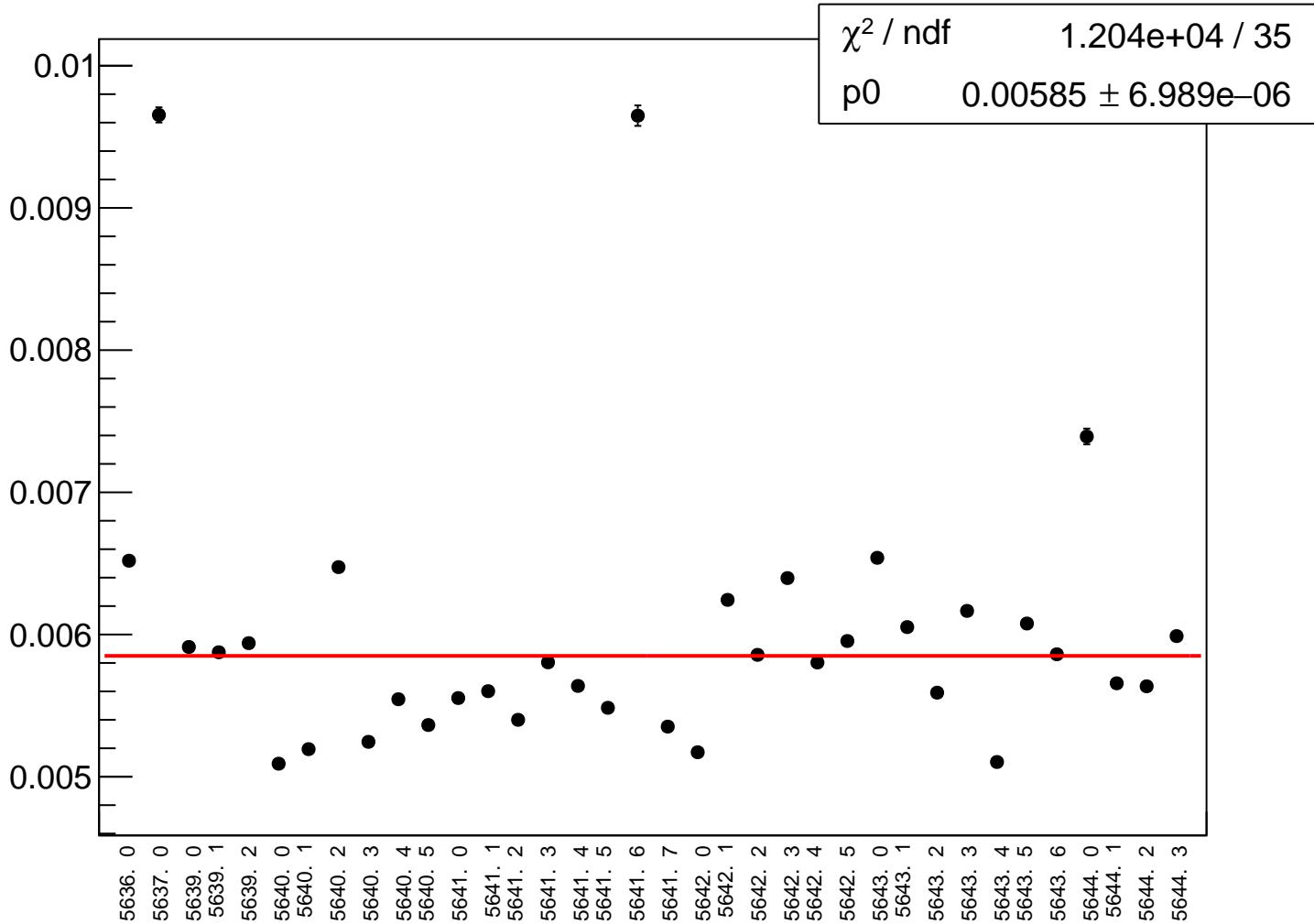


# yield\_bpm0I01X\_mean vs run

$\chi^2 / \text{ndf}$  2.001e+05 / 35  
 $p_0$   $-1.99 \pm 9.883\text{e}{-}06$

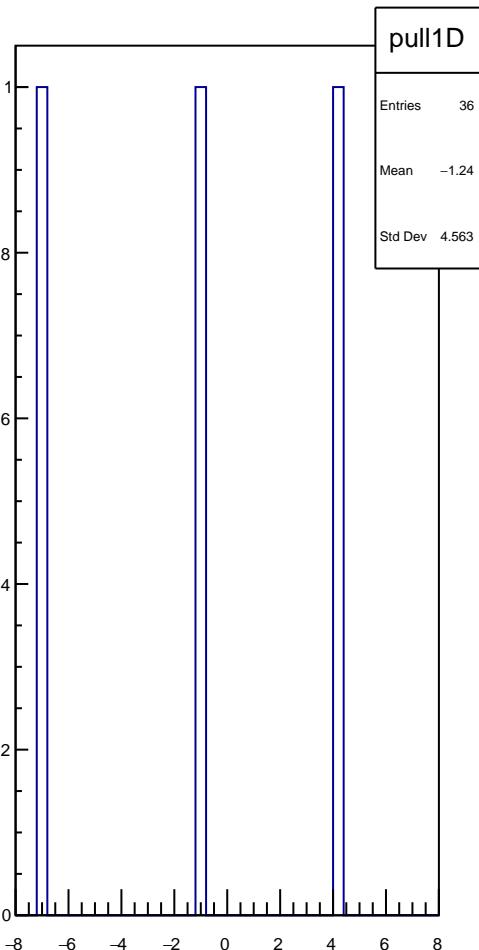
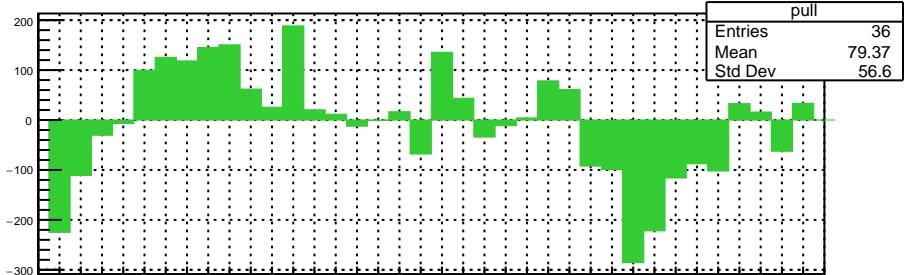
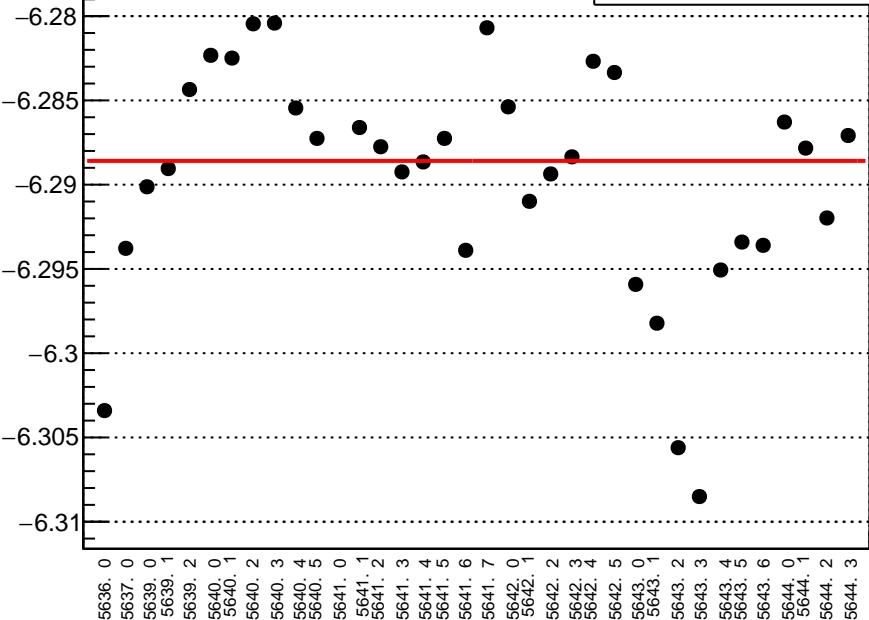


# yield\_bpm0l01X\_rms vs run

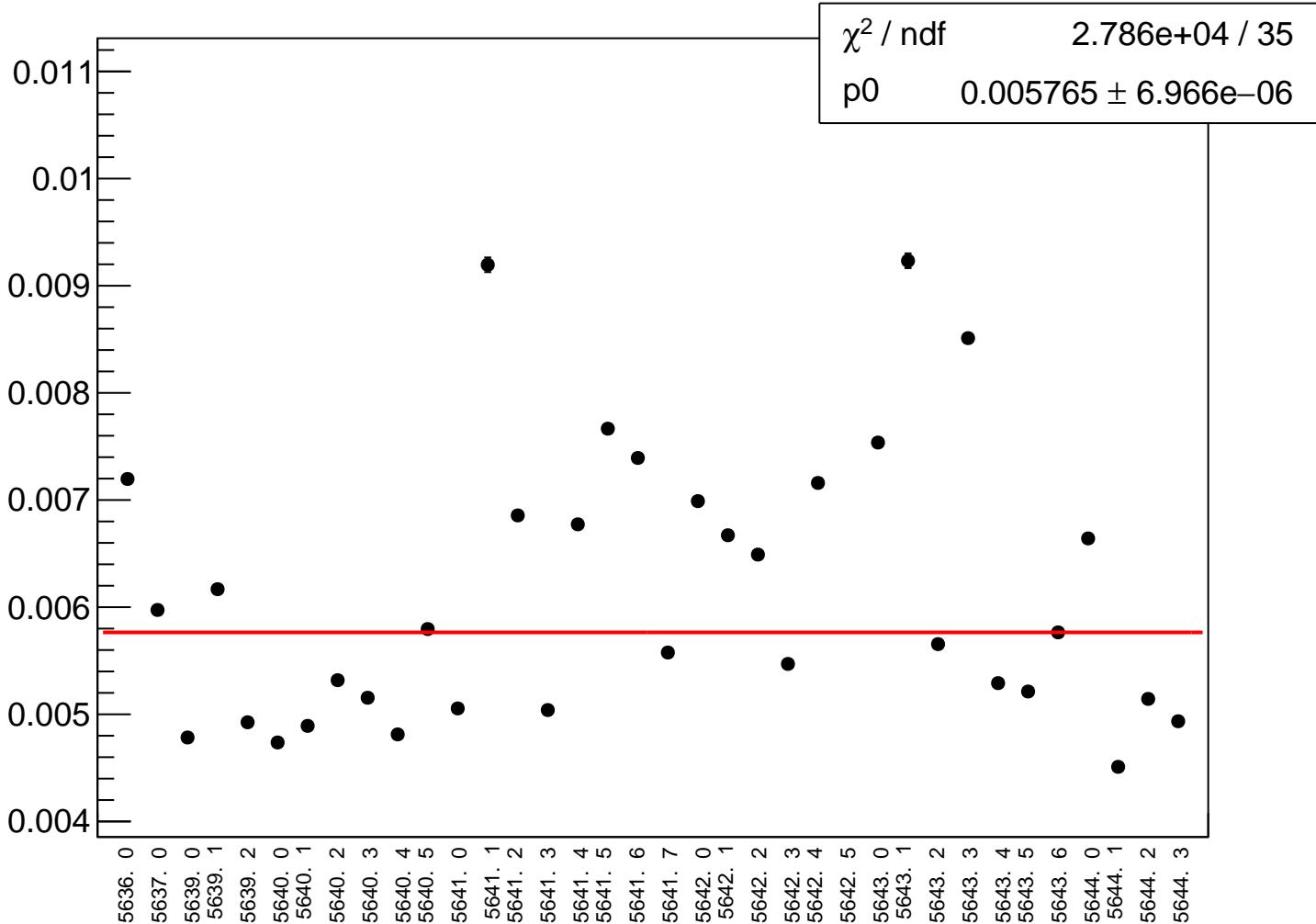


# yield\_bpm0I01Y\_mean vs run

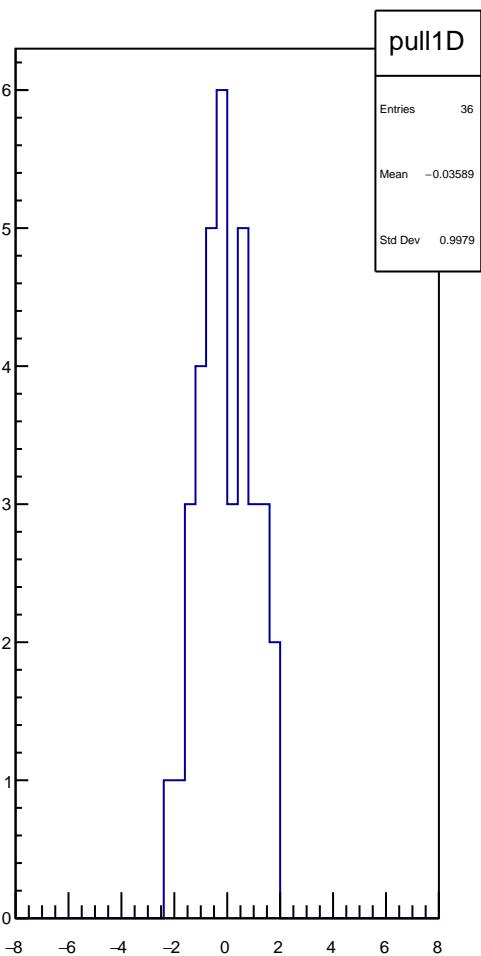
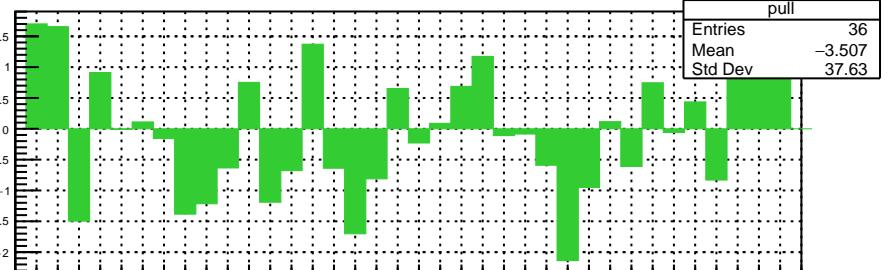
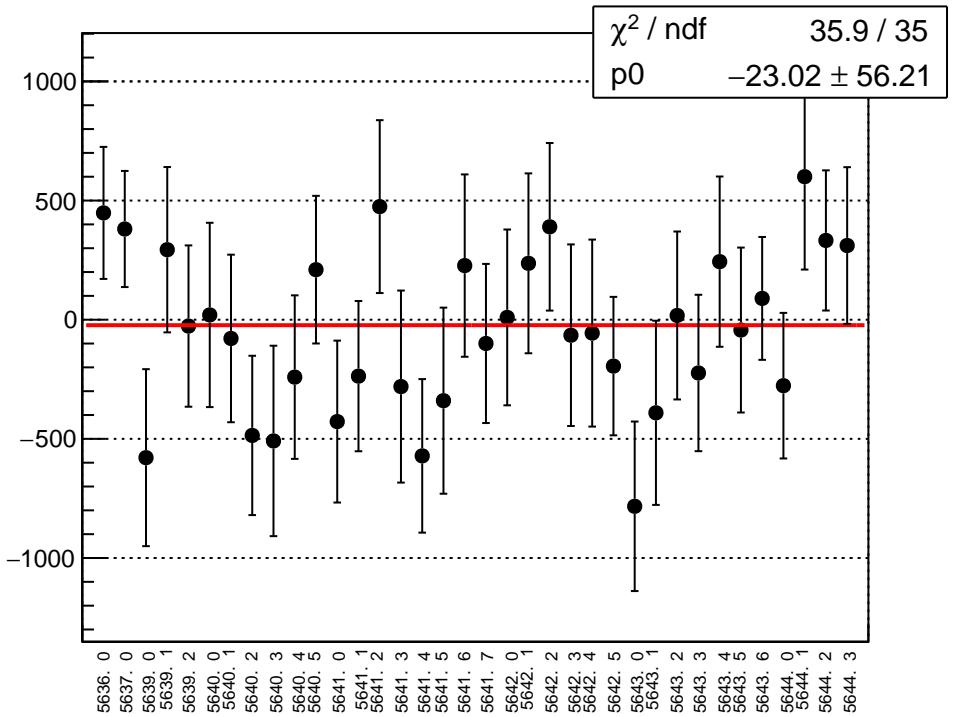
$\chi^2 / \text{ndf}$  4.113e+05 / 35  
 $p_0$   $-6.289 \pm 9.851\text{e}{-06}$



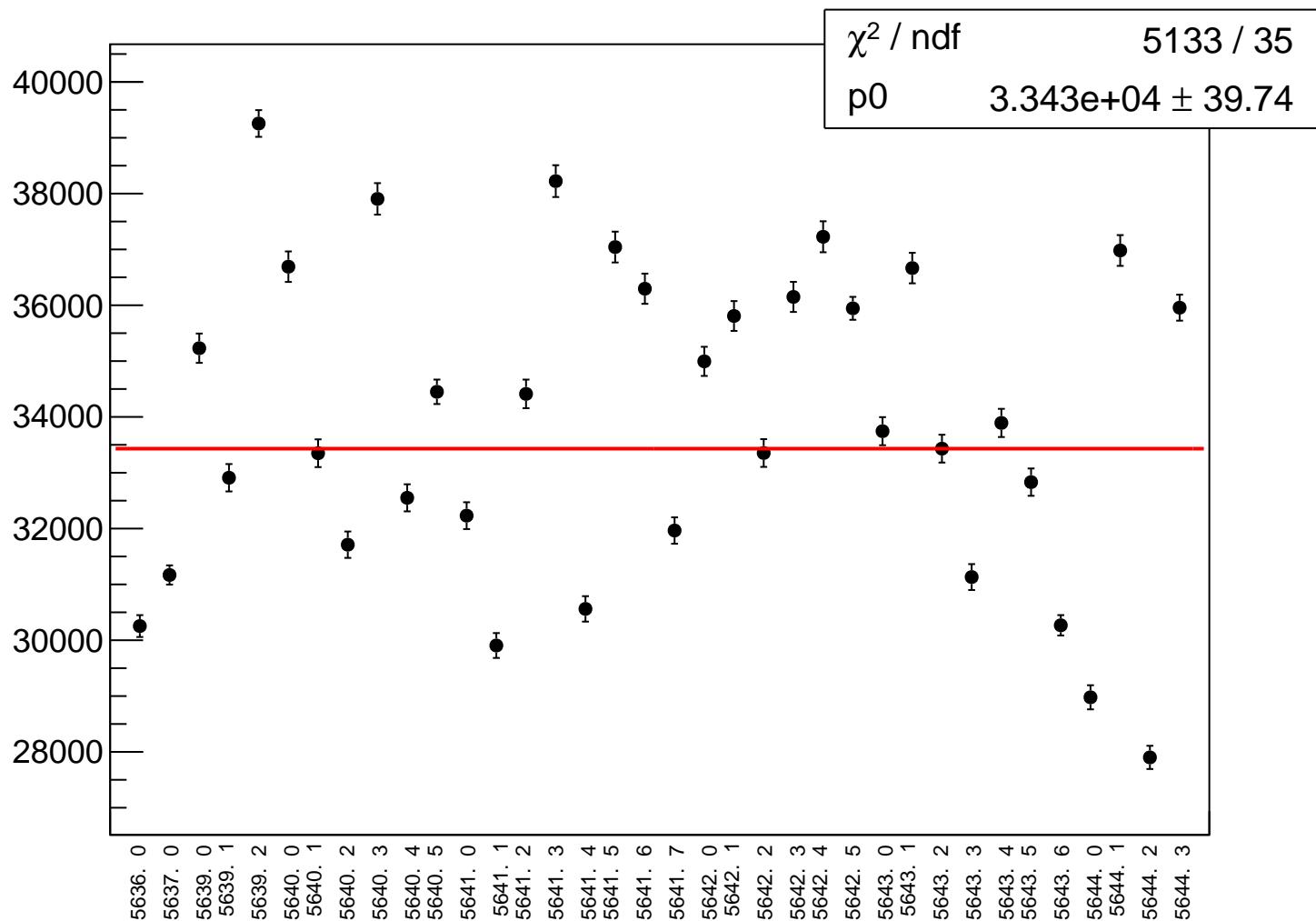
# yield\_bpm0l01Y\_rms vs run



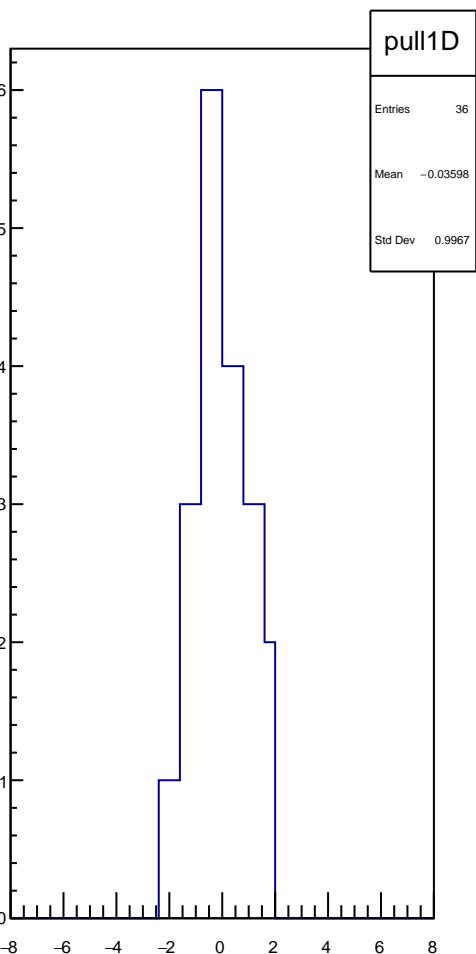
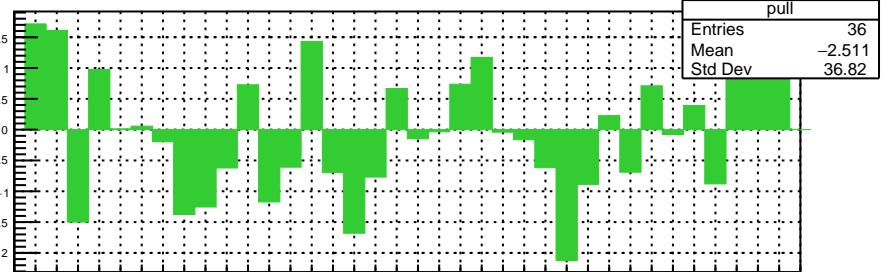
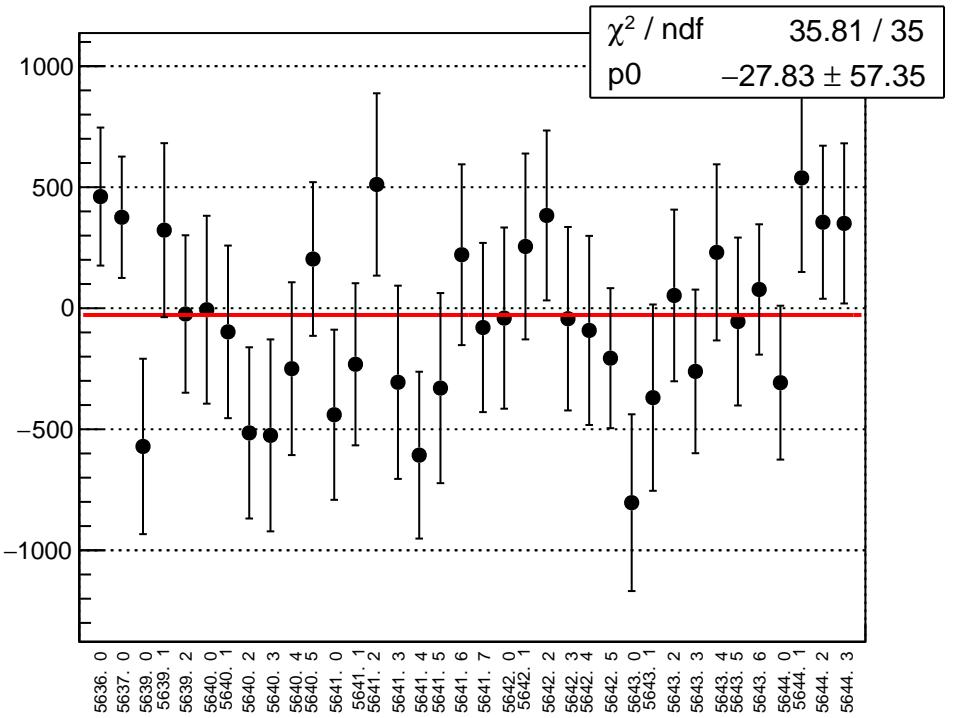
# diff\_cav4bX\_mean vs run



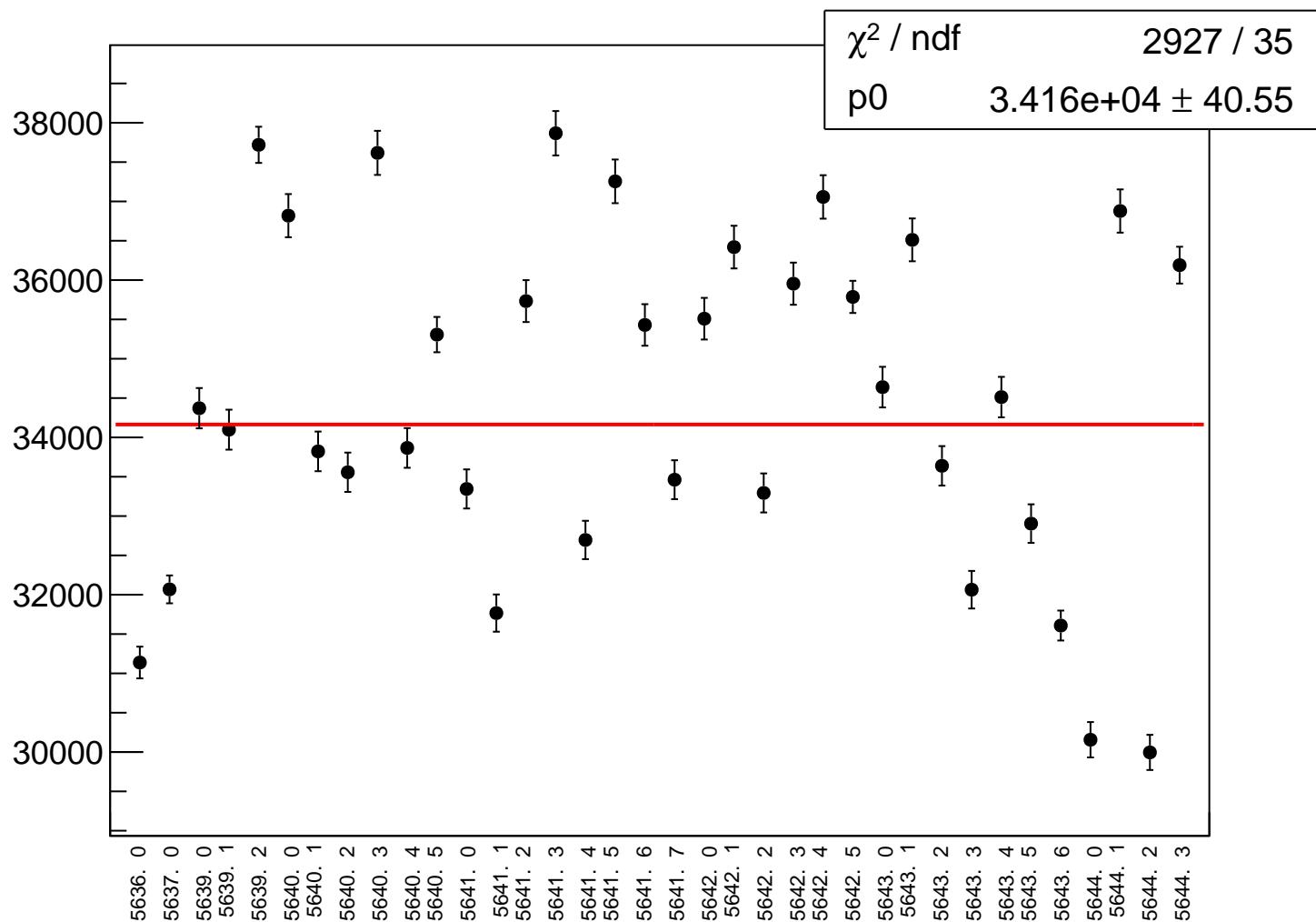
# diff\_cav4bX\_rms vs run



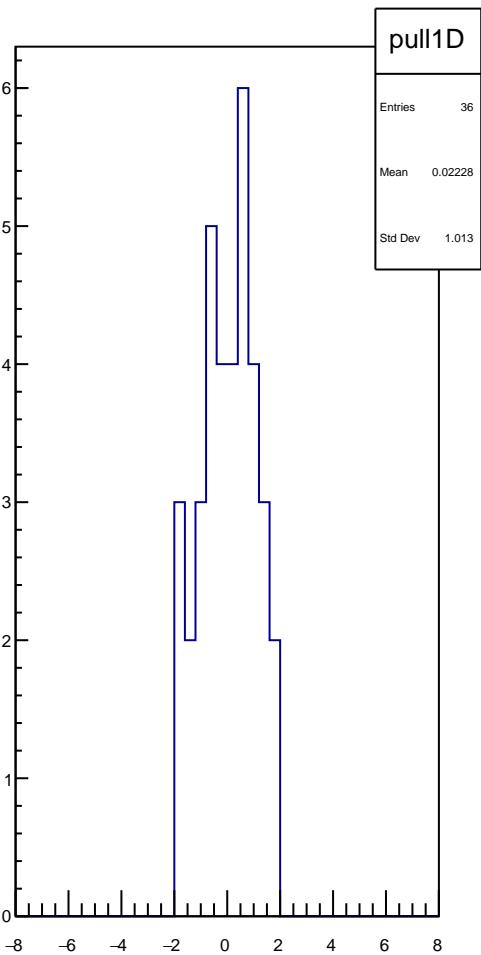
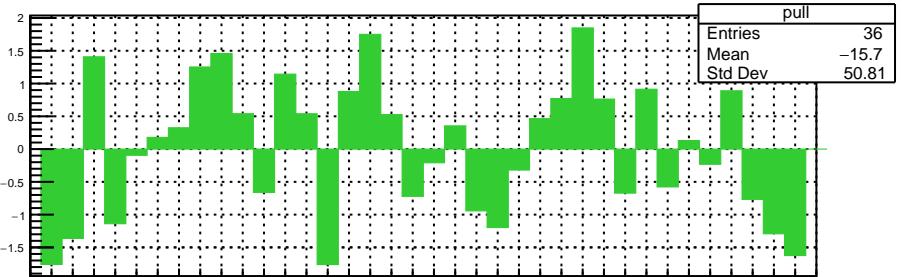
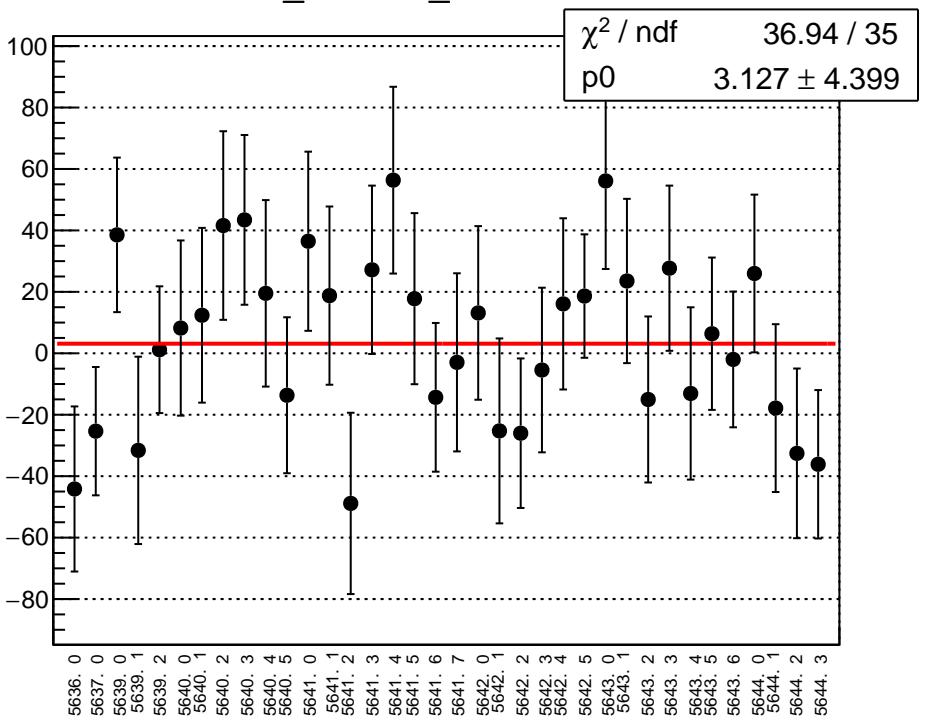
# diff\_cav4bY\_mean vs run



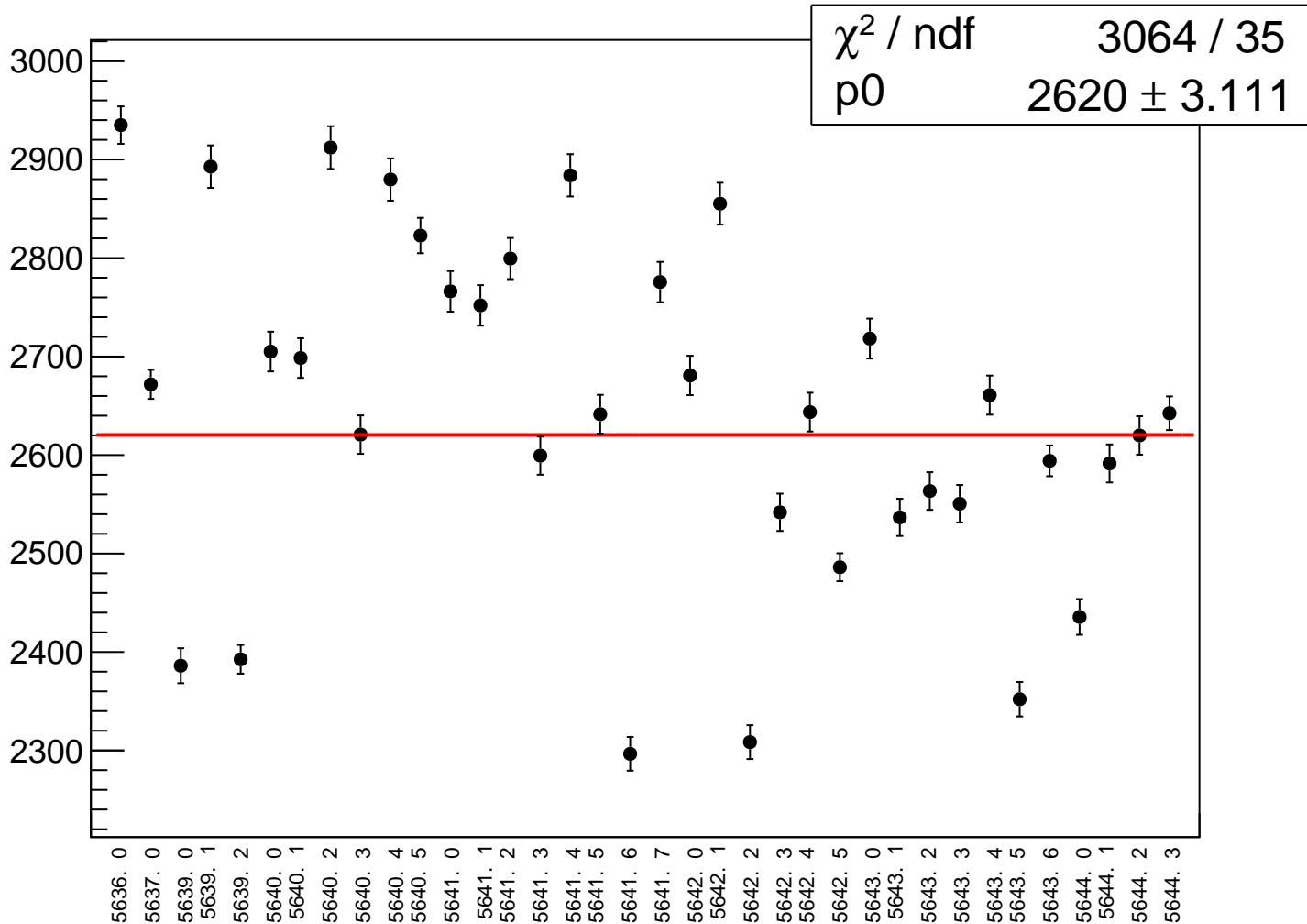
# diff\_cav4bY\_rms vs run



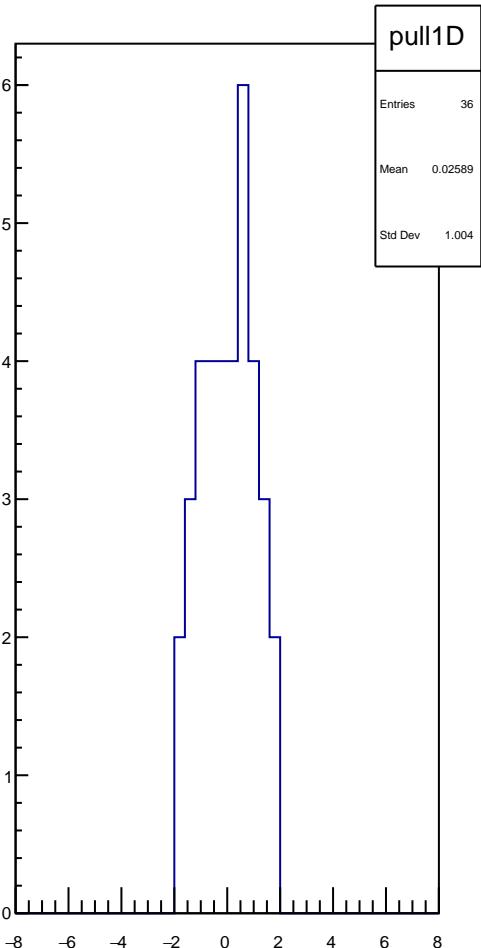
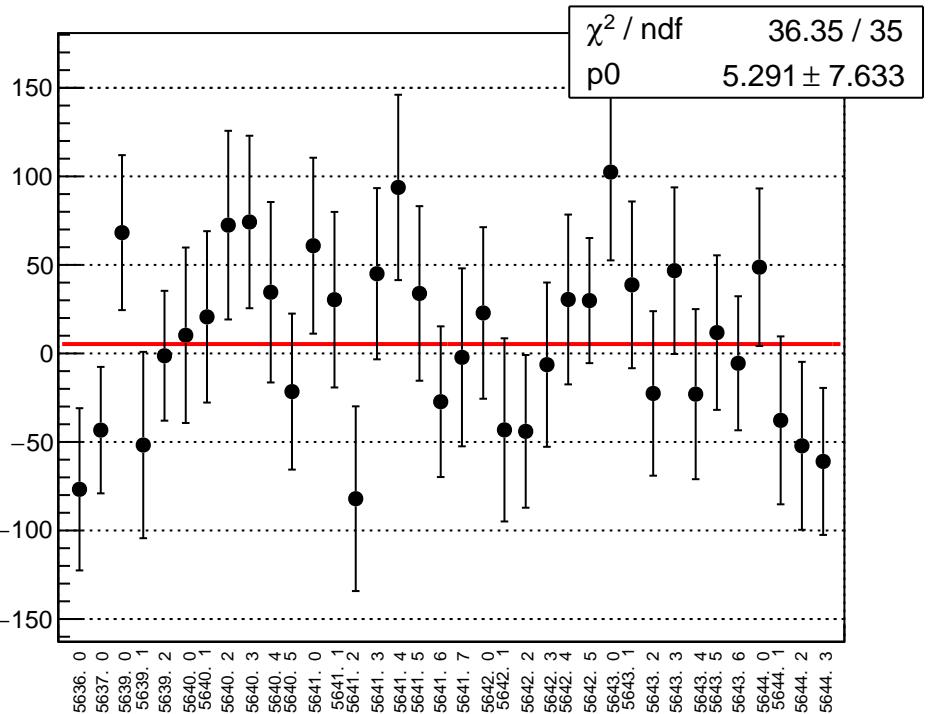
# diff\_cav4cX\_mean vs run



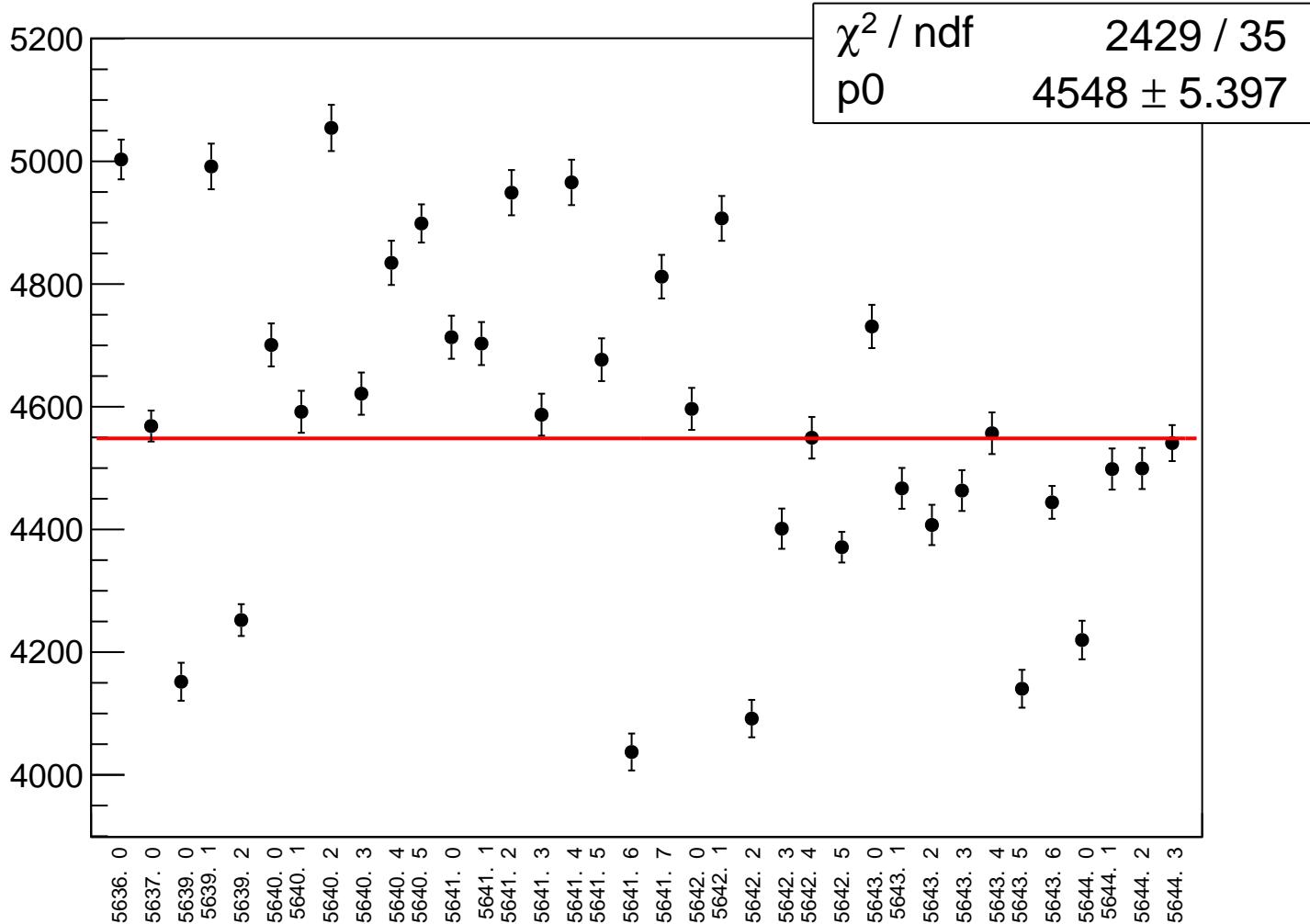
# diff\_cav4cX\_rms vs run



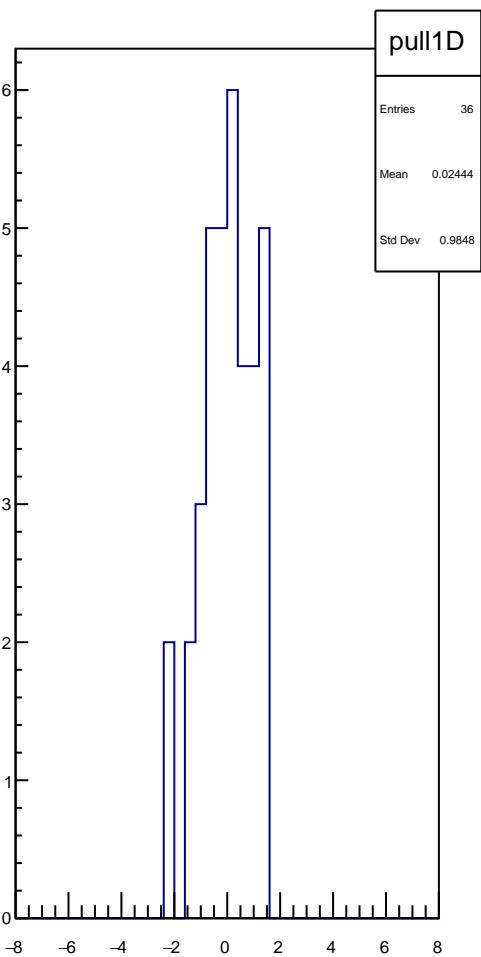
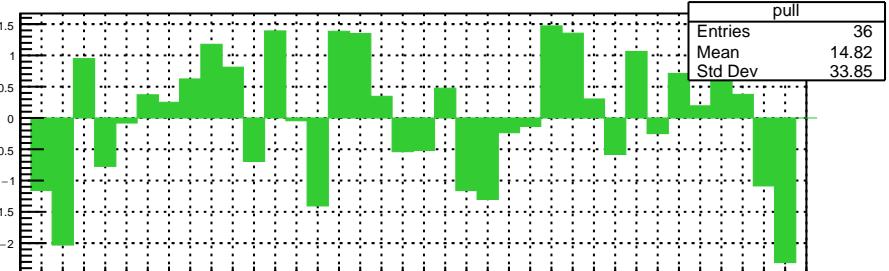
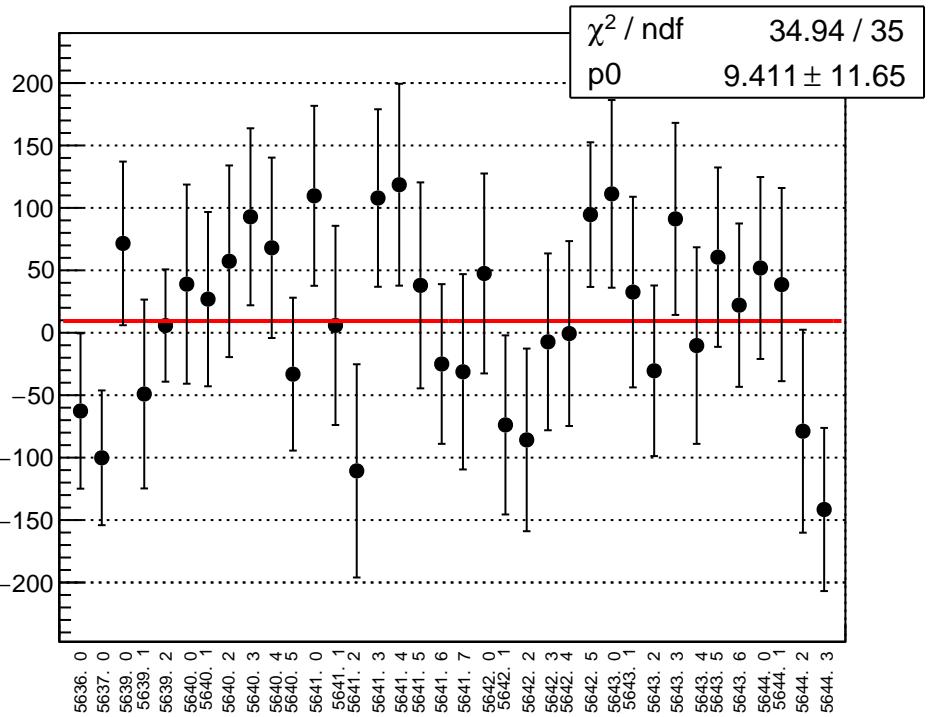
# diff\_cav4cY\_mean vs run



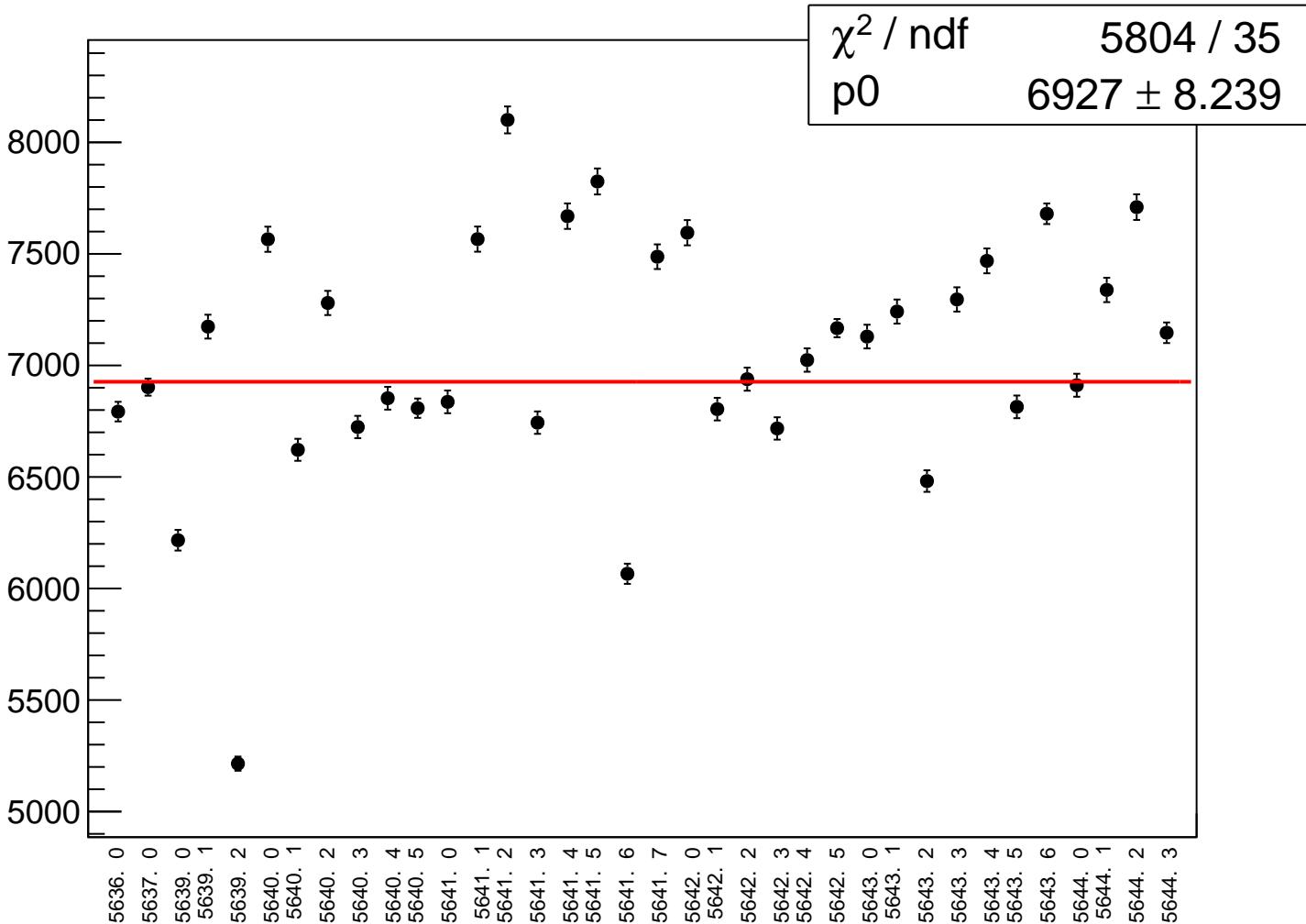
# diff\_cav4cY\_rms vs run



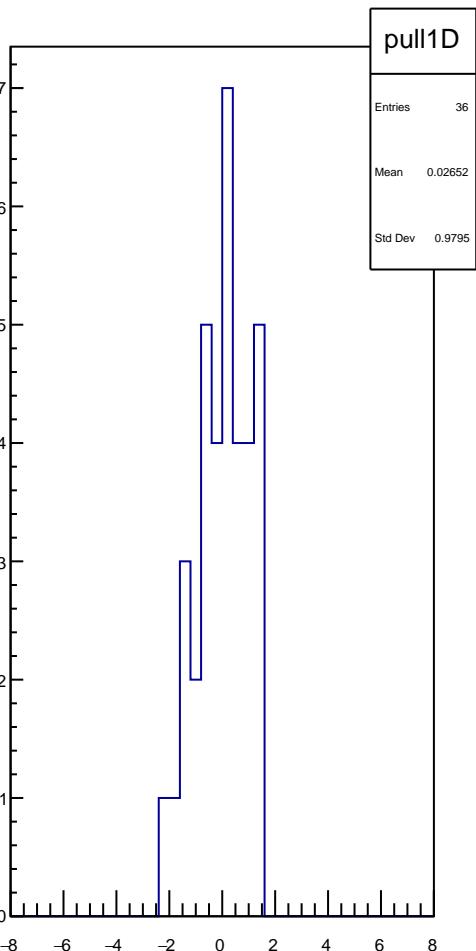
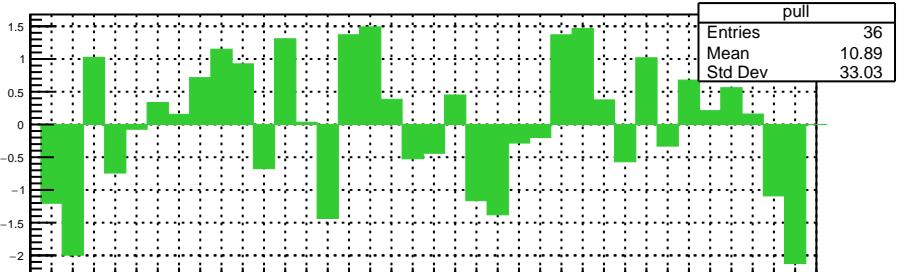
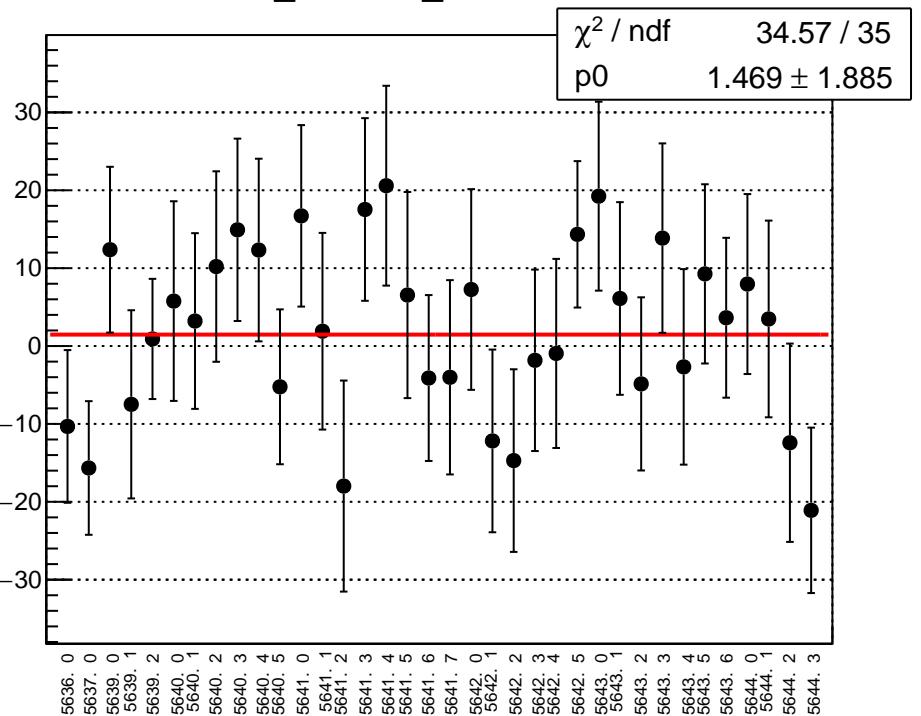
# diff\_cav4dX\_mean vs run



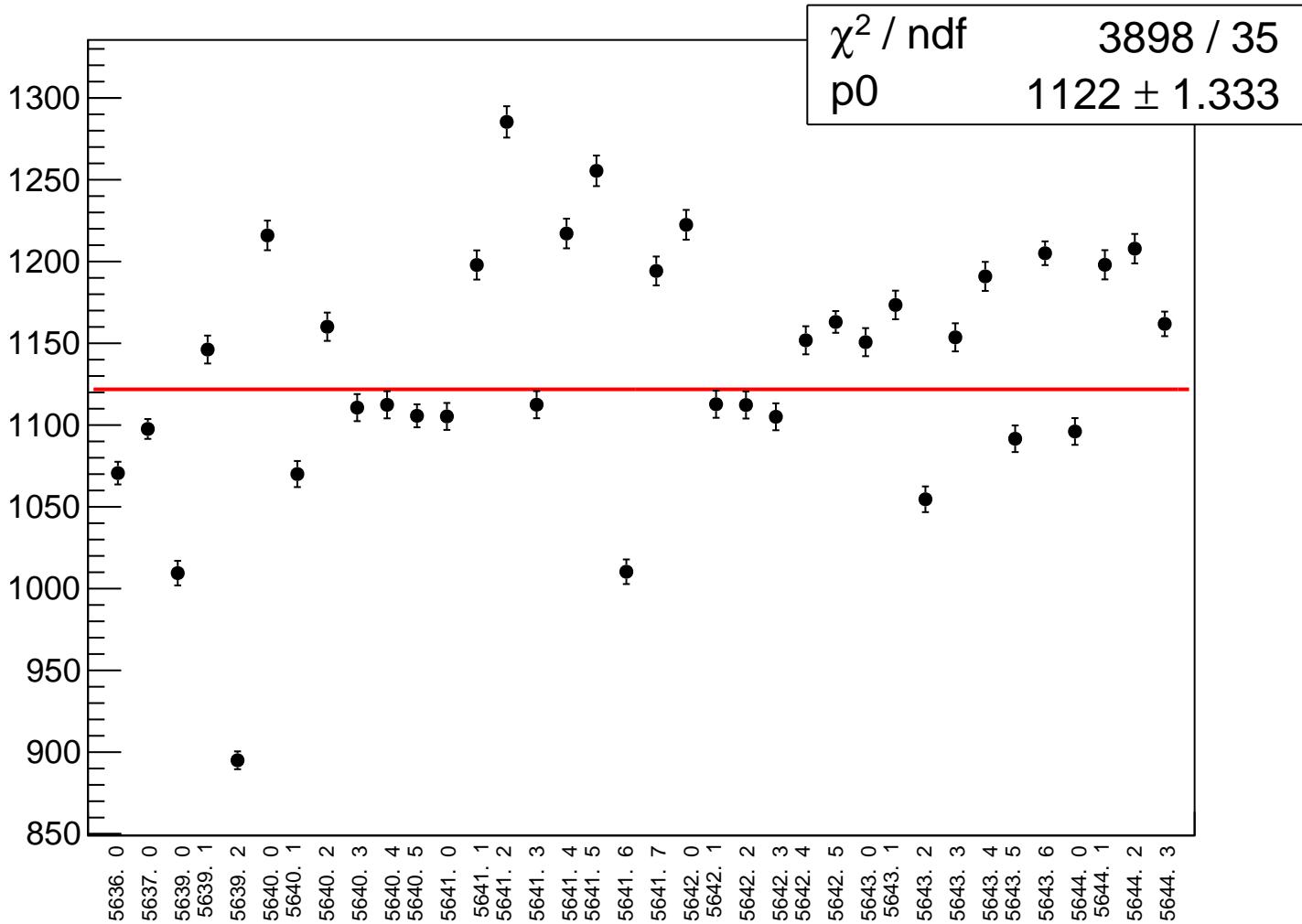
# diff\_cav4dX\_rms vs run



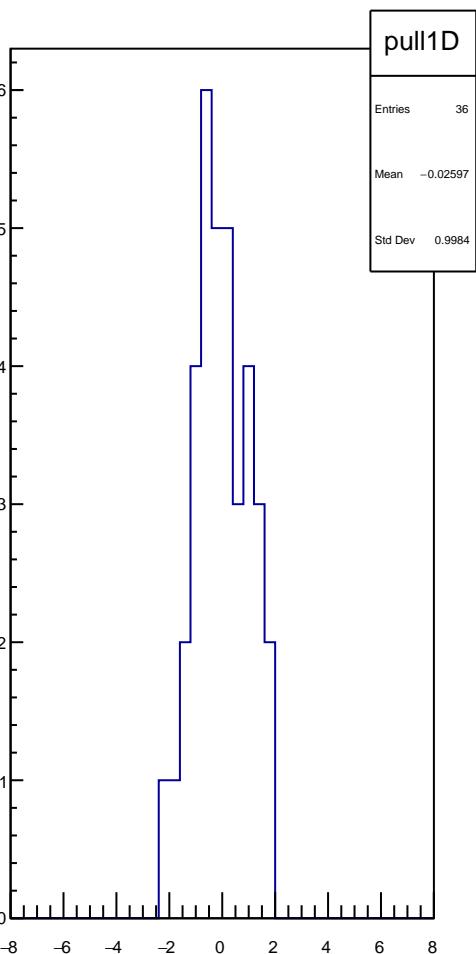
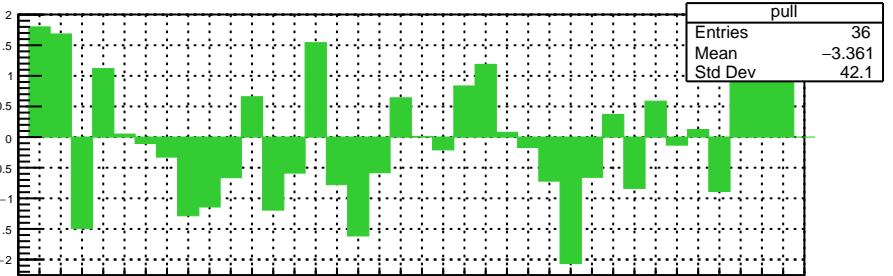
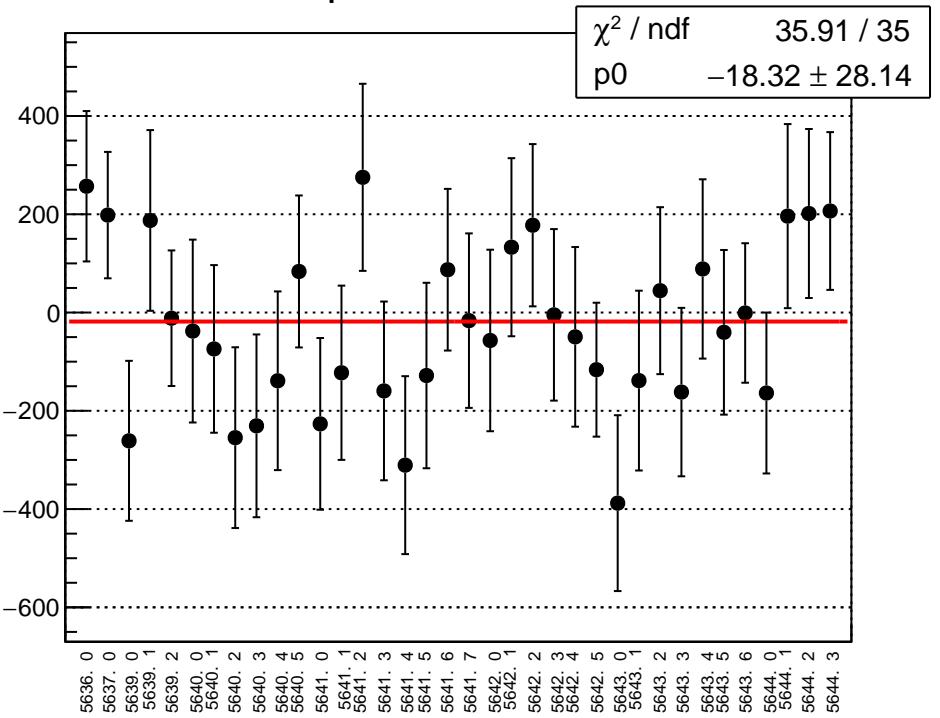
# diff\_cav4dY\_mean vs run



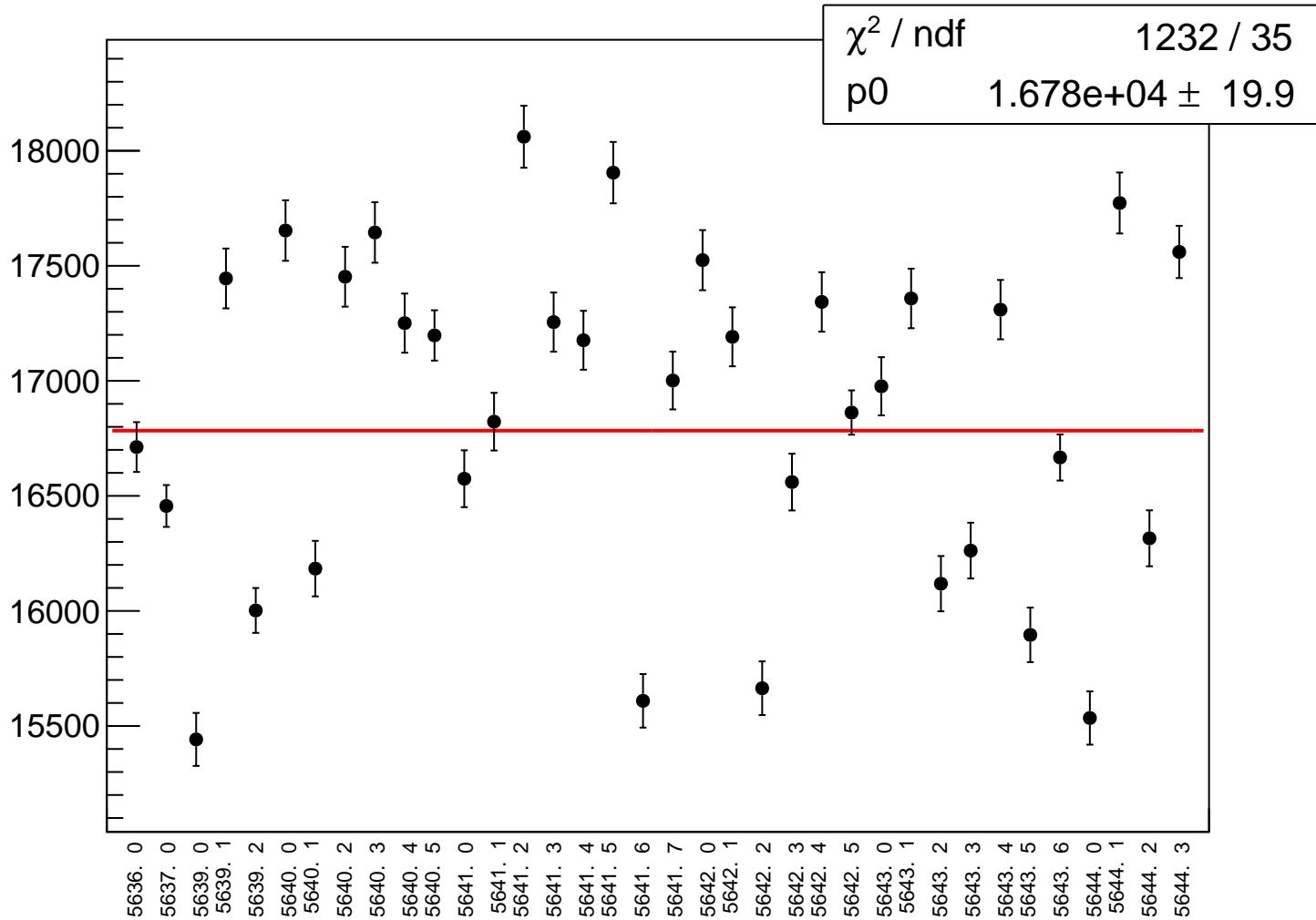
# diff\_cav4dY\_rms vs run



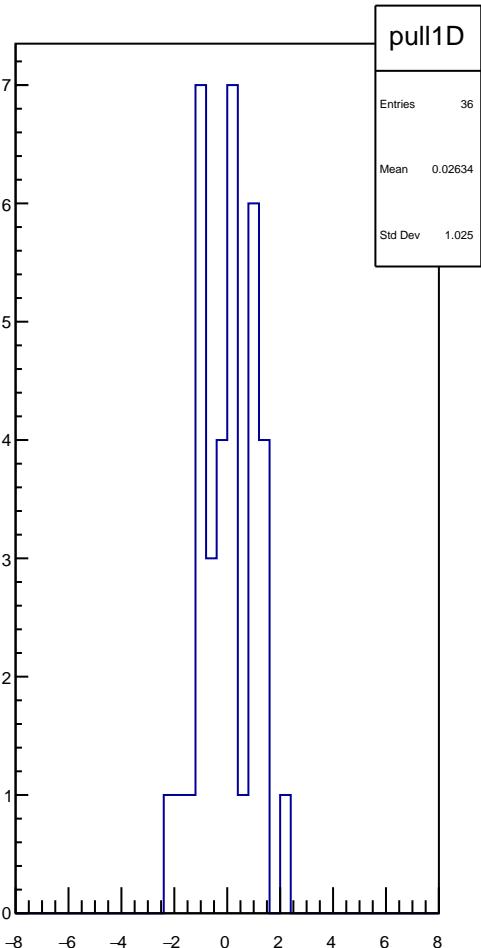
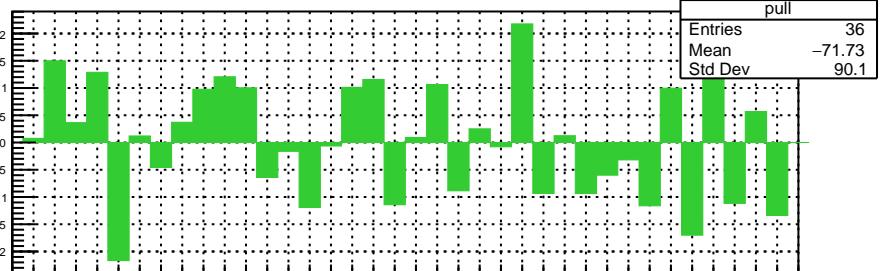
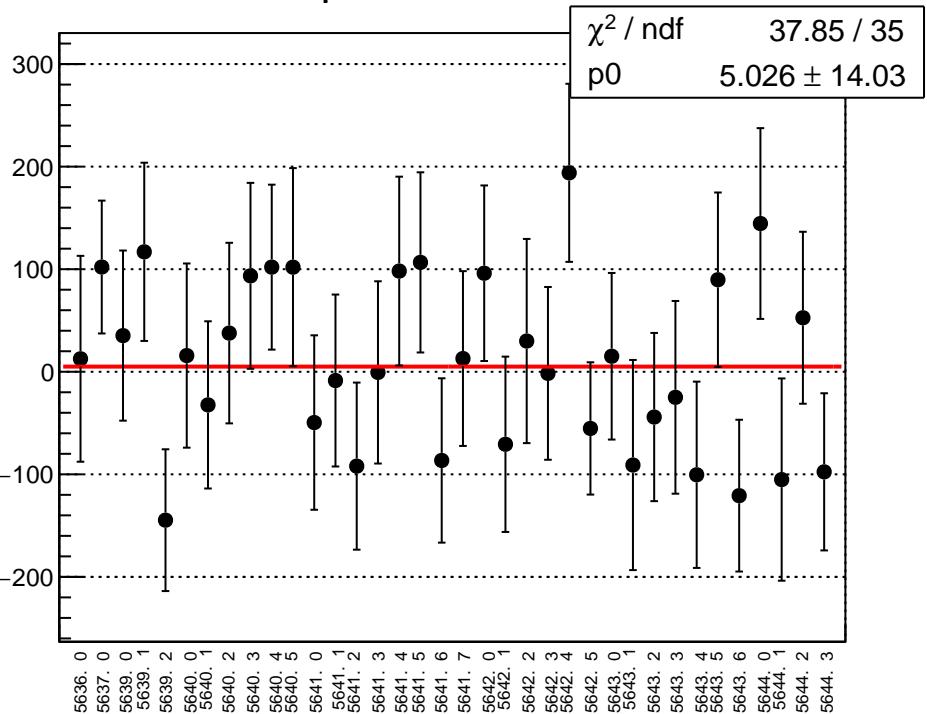
# diff\_bpm4aX\_mean vs run



# diff\_bpm4aX\_rms vs run



# diff\_bpm4aY\_mean vs run



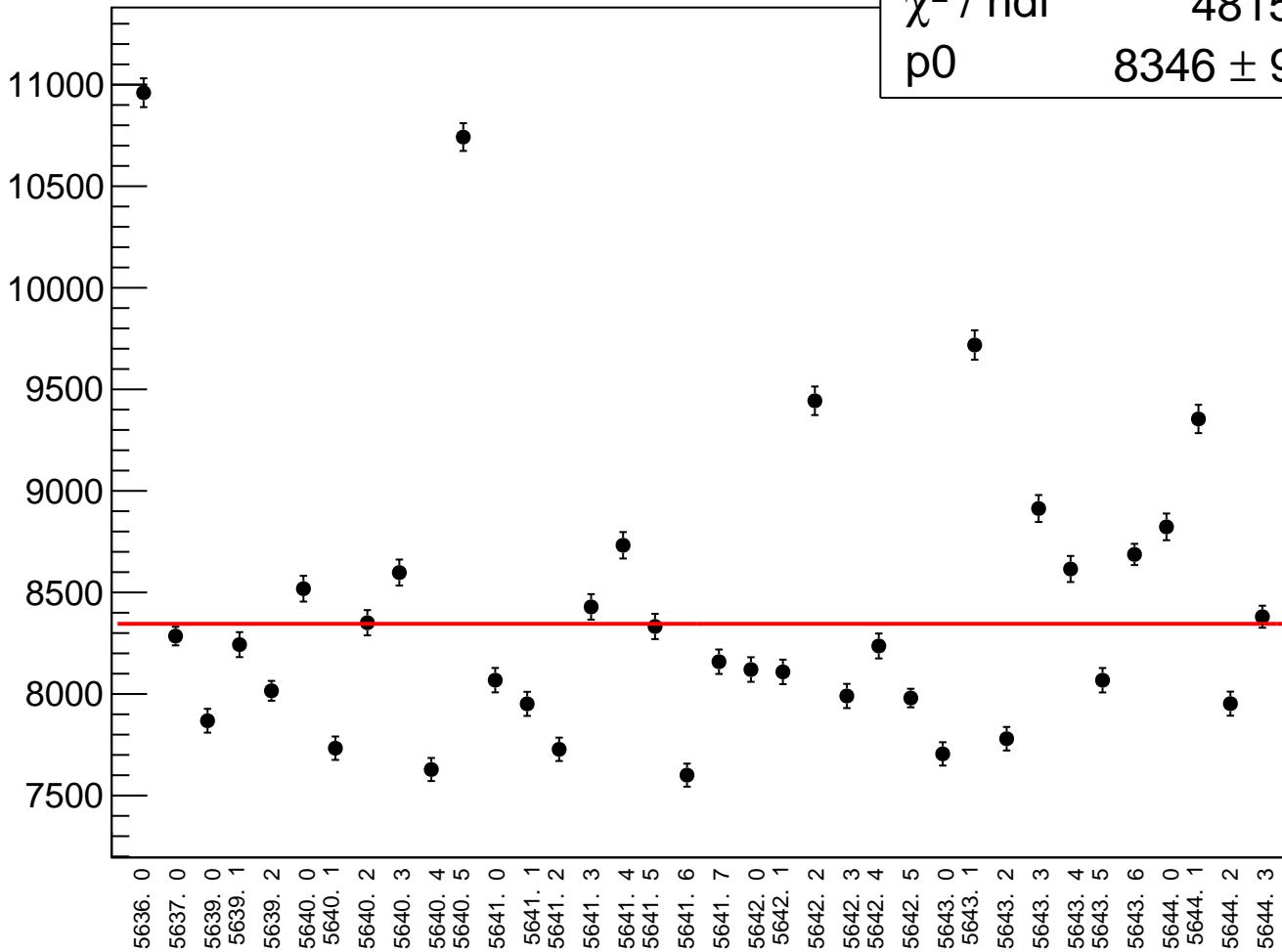
# diff\_bpm4aY\_rms vs run

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

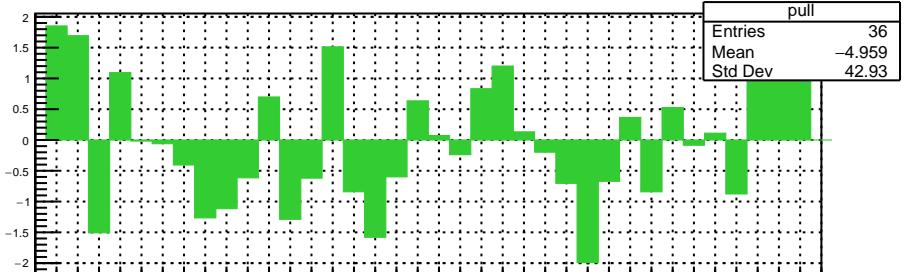
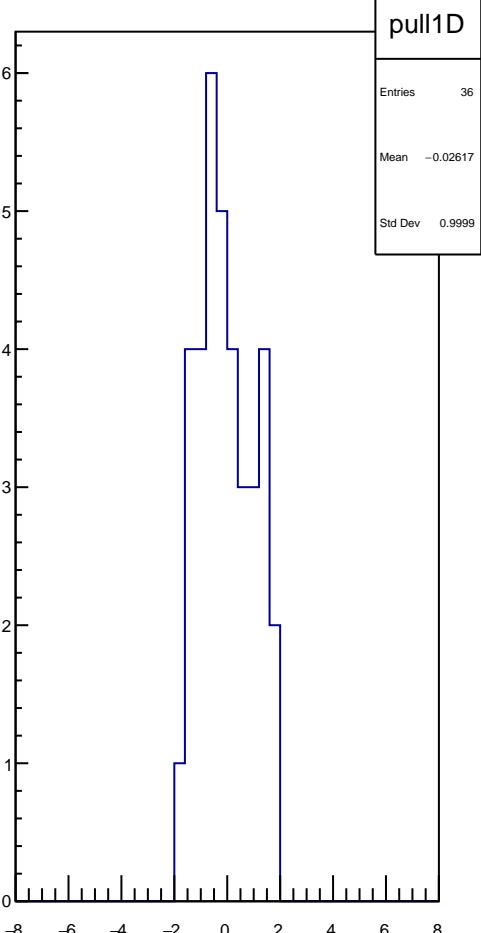
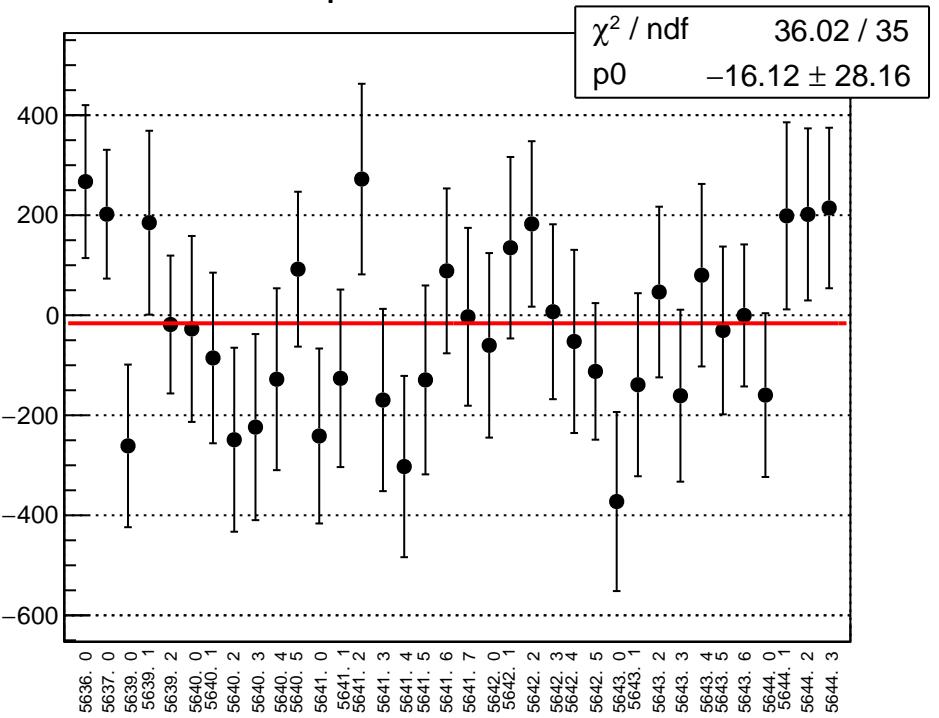
4815 / 35

p0

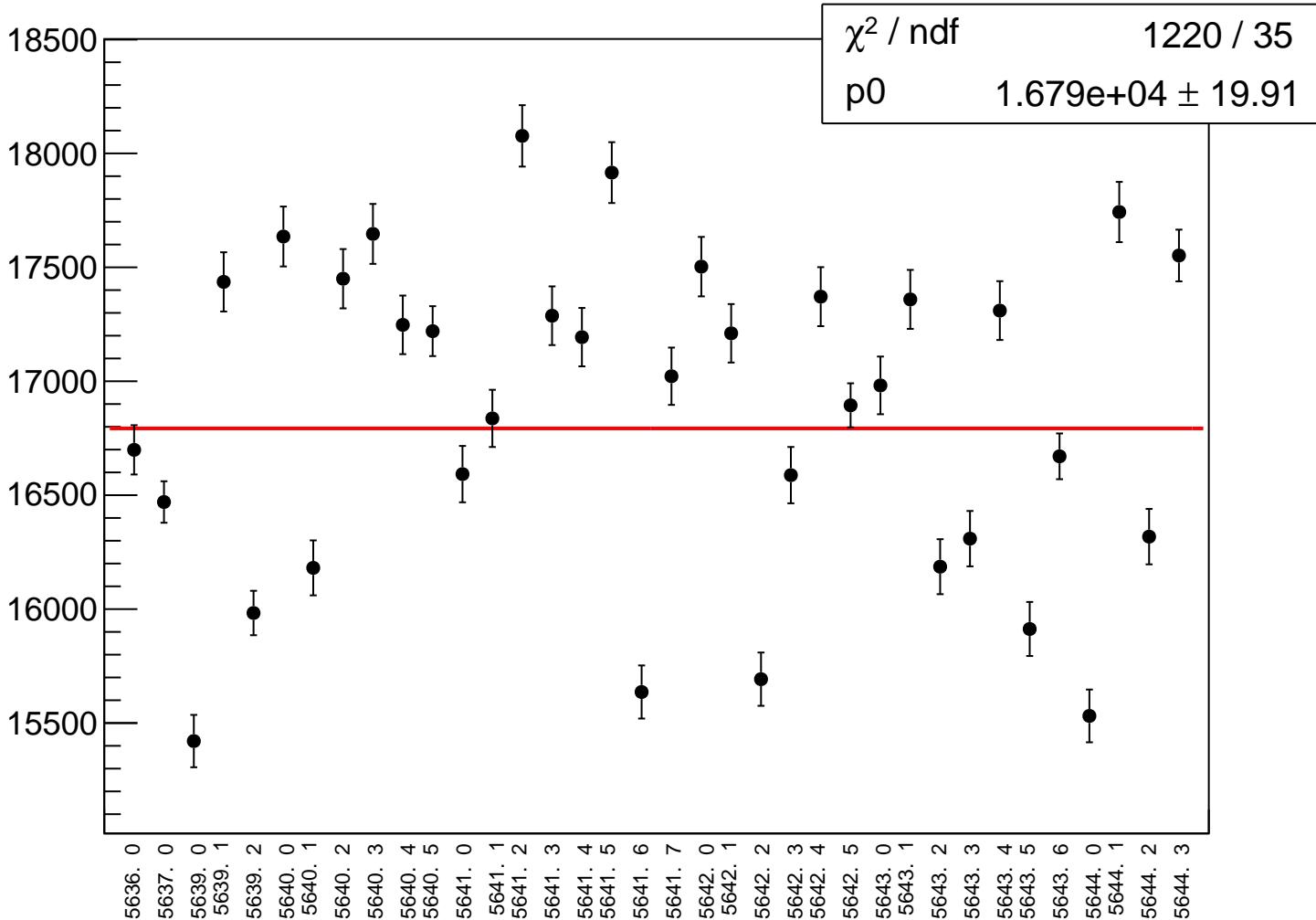
$8346 \pm 9.919$



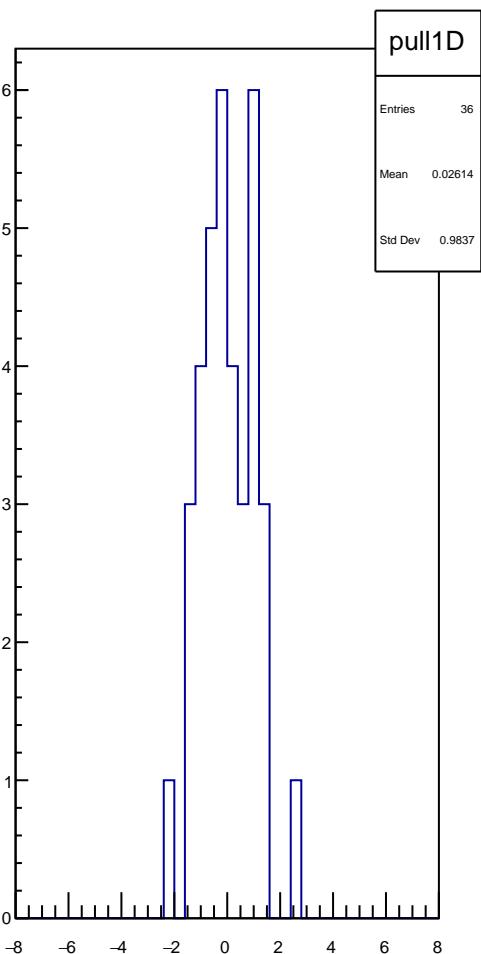
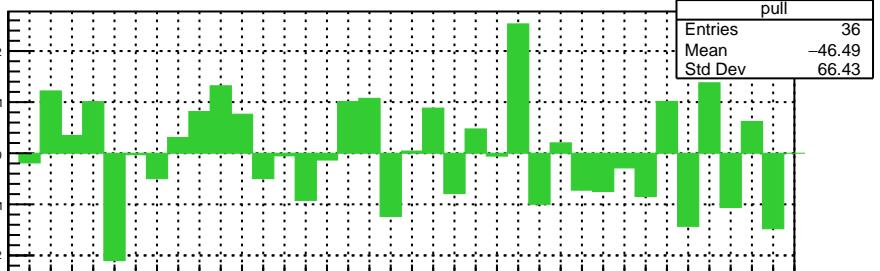
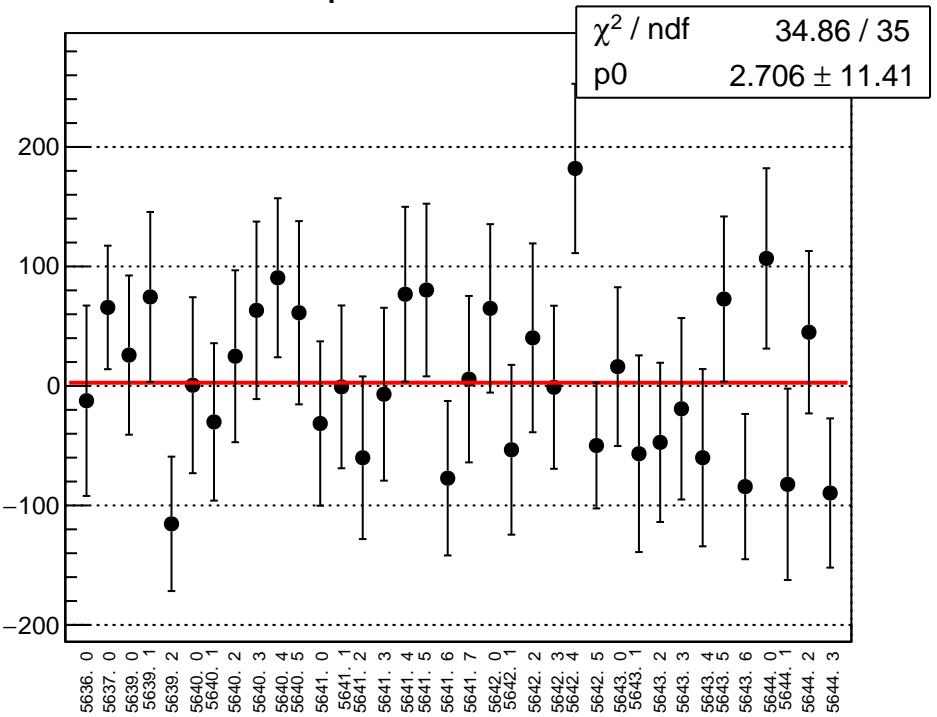
# diff\_bpm4eX\_mean vs run



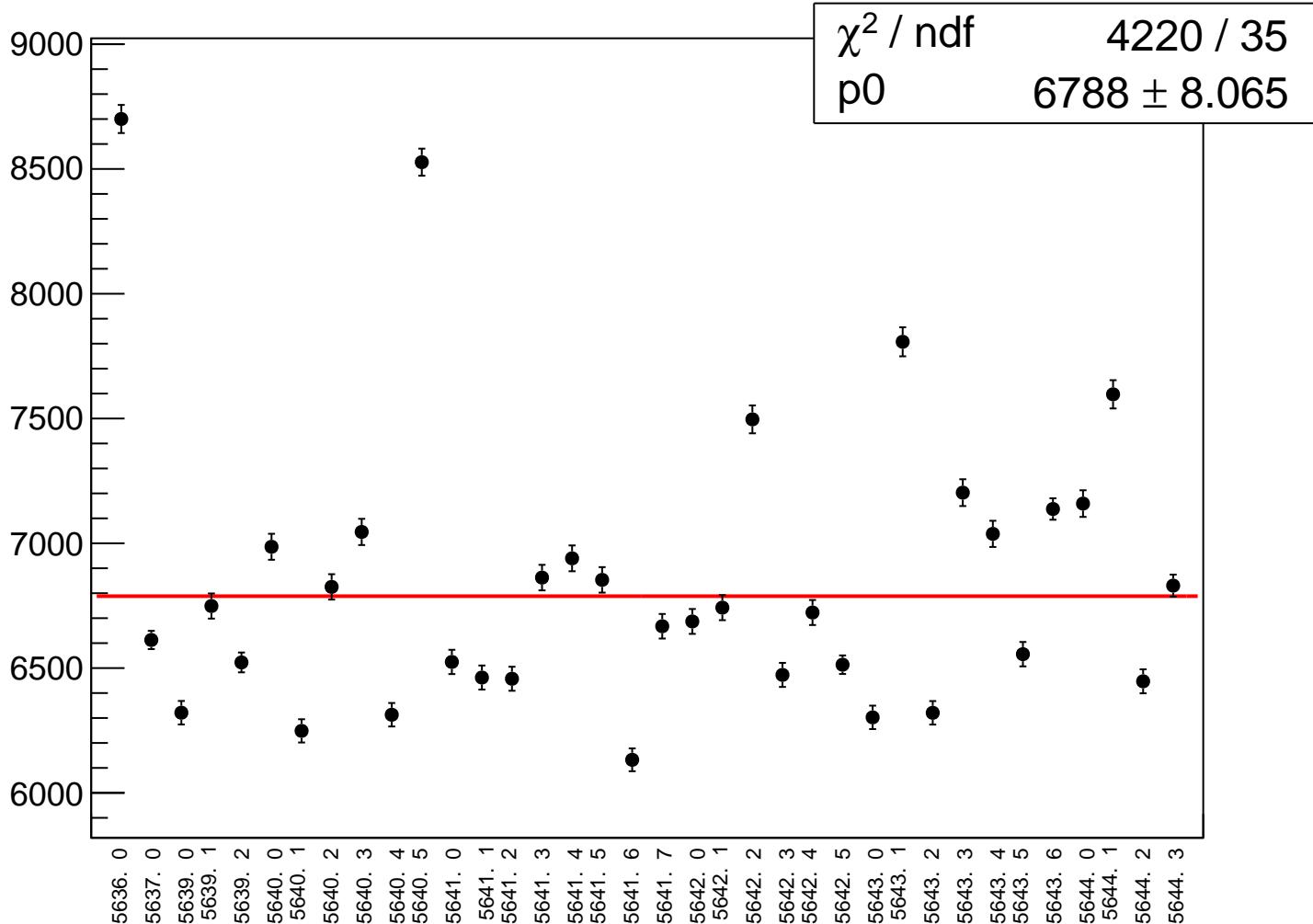
# diff\_bpm4eX\_rms vs run



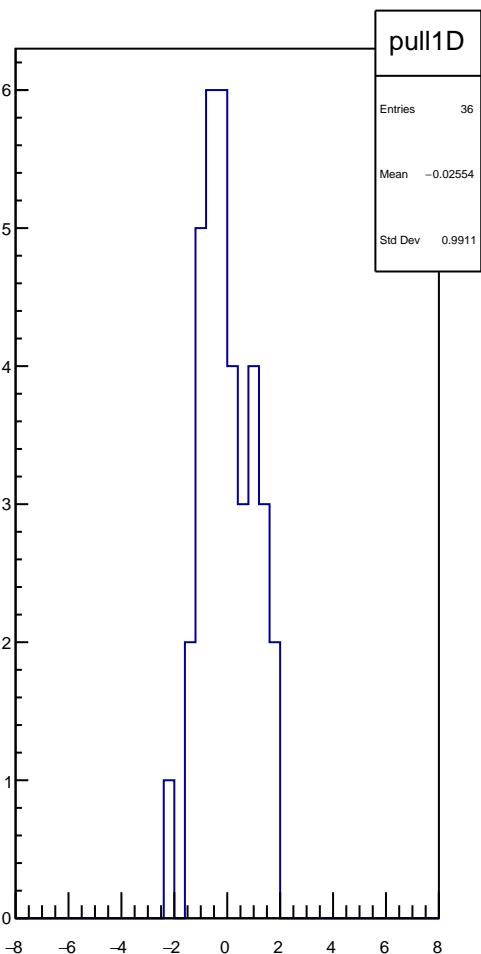
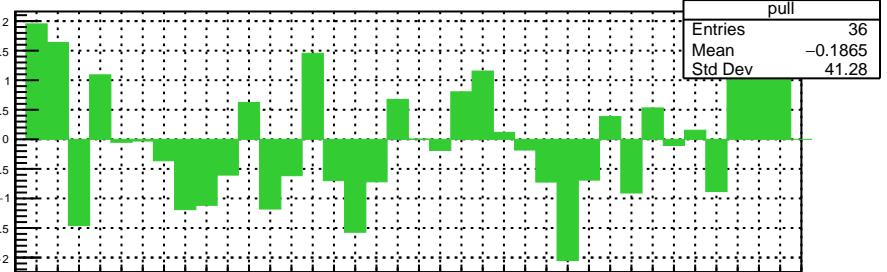
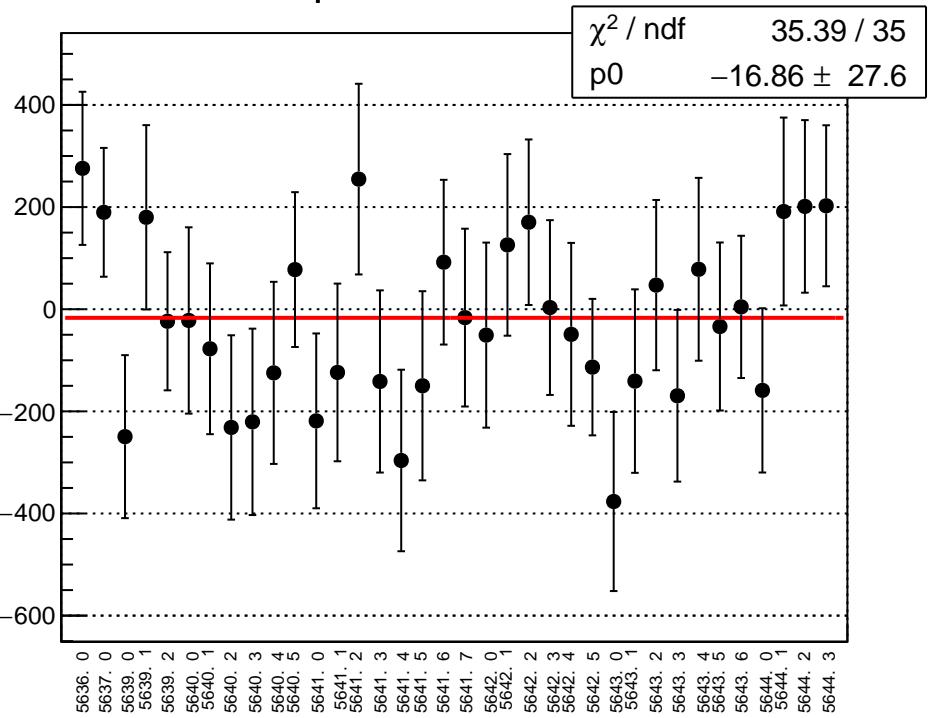
# diff\_bpm4eY\_mean vs run



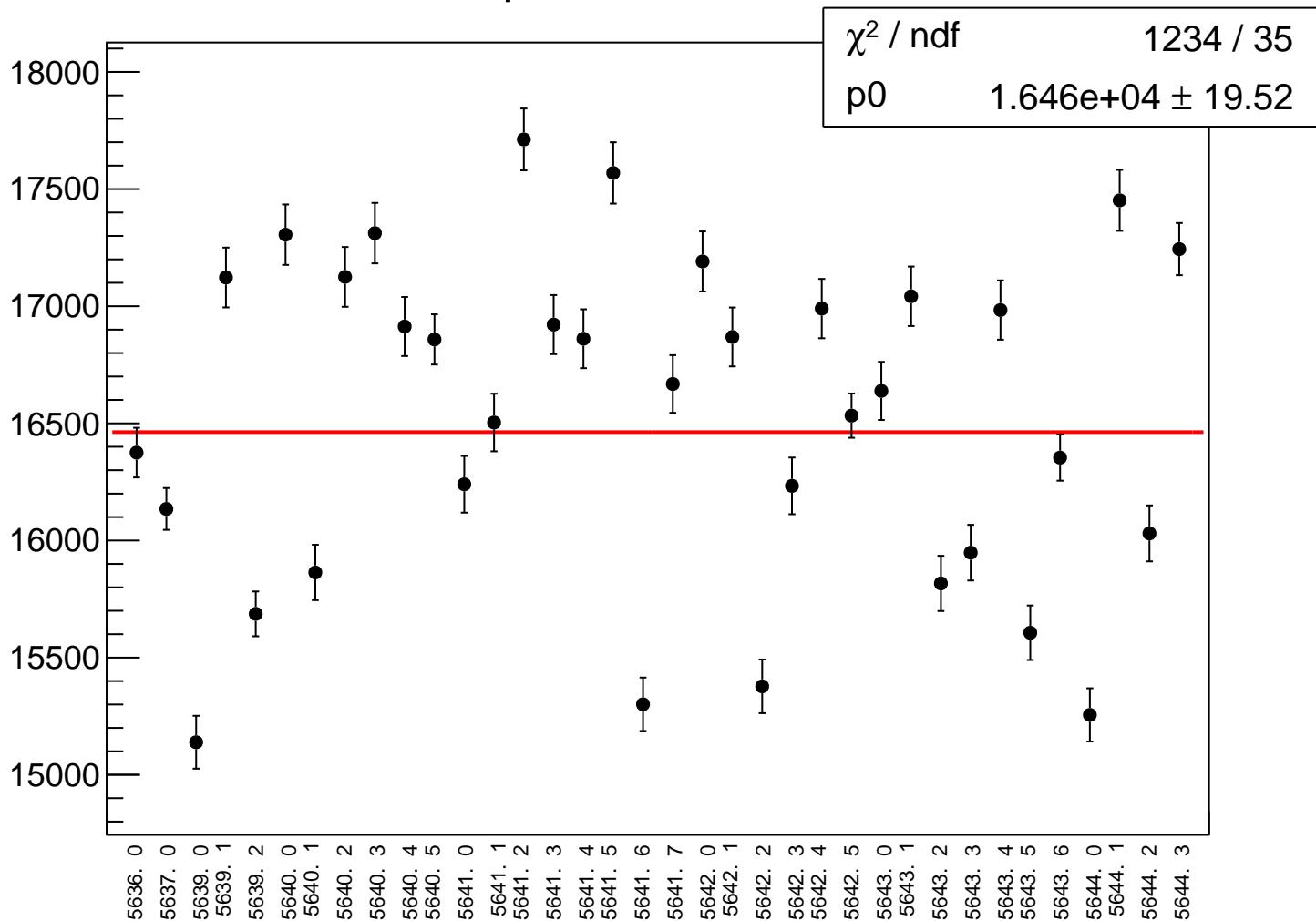
# diff\_bpm4eY\_rms vs run



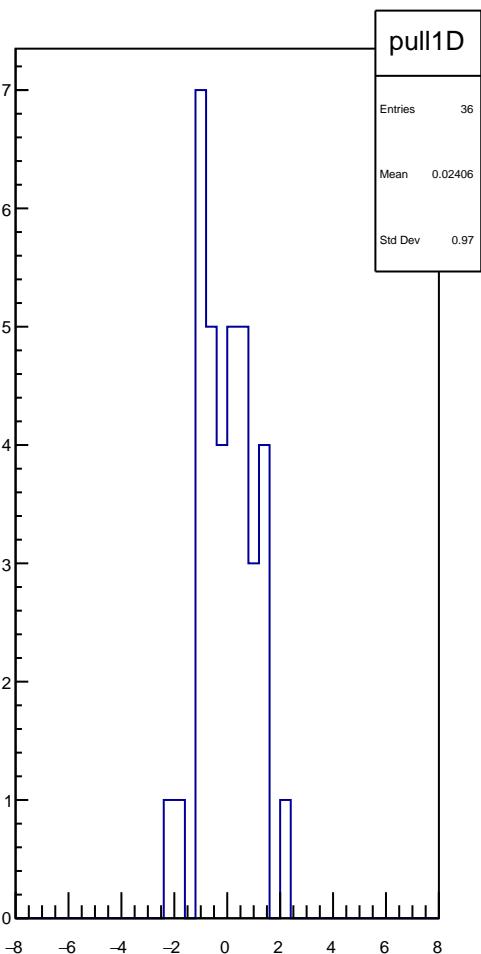
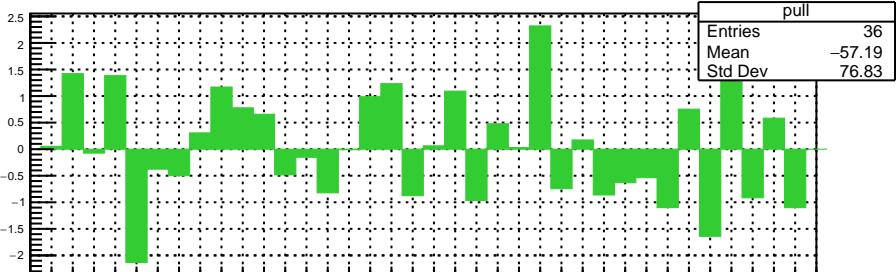
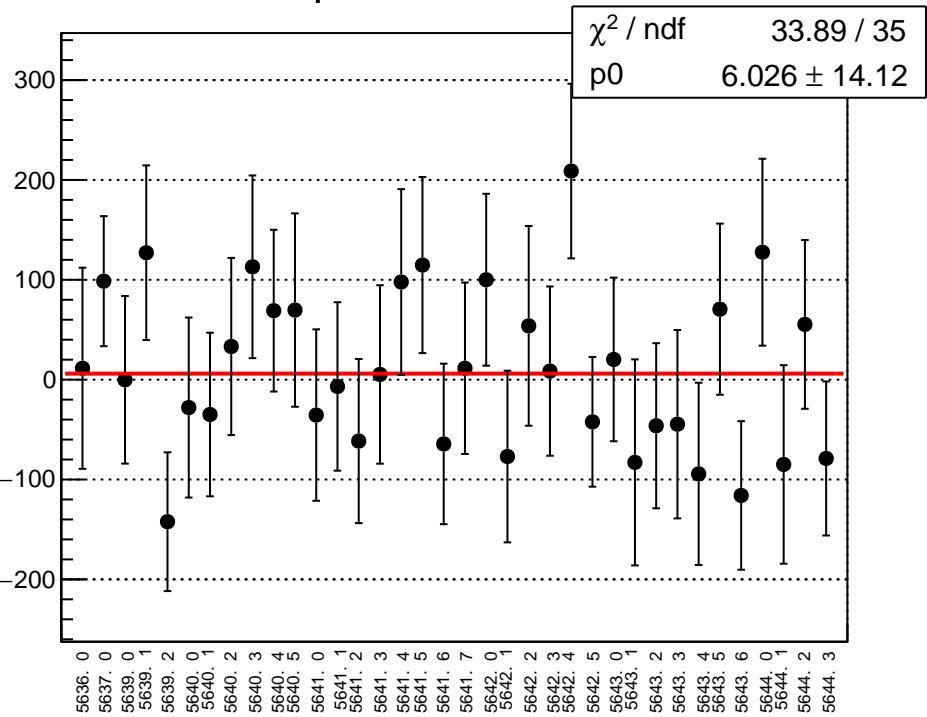
# diff\_bpm4acX\_mean vs run



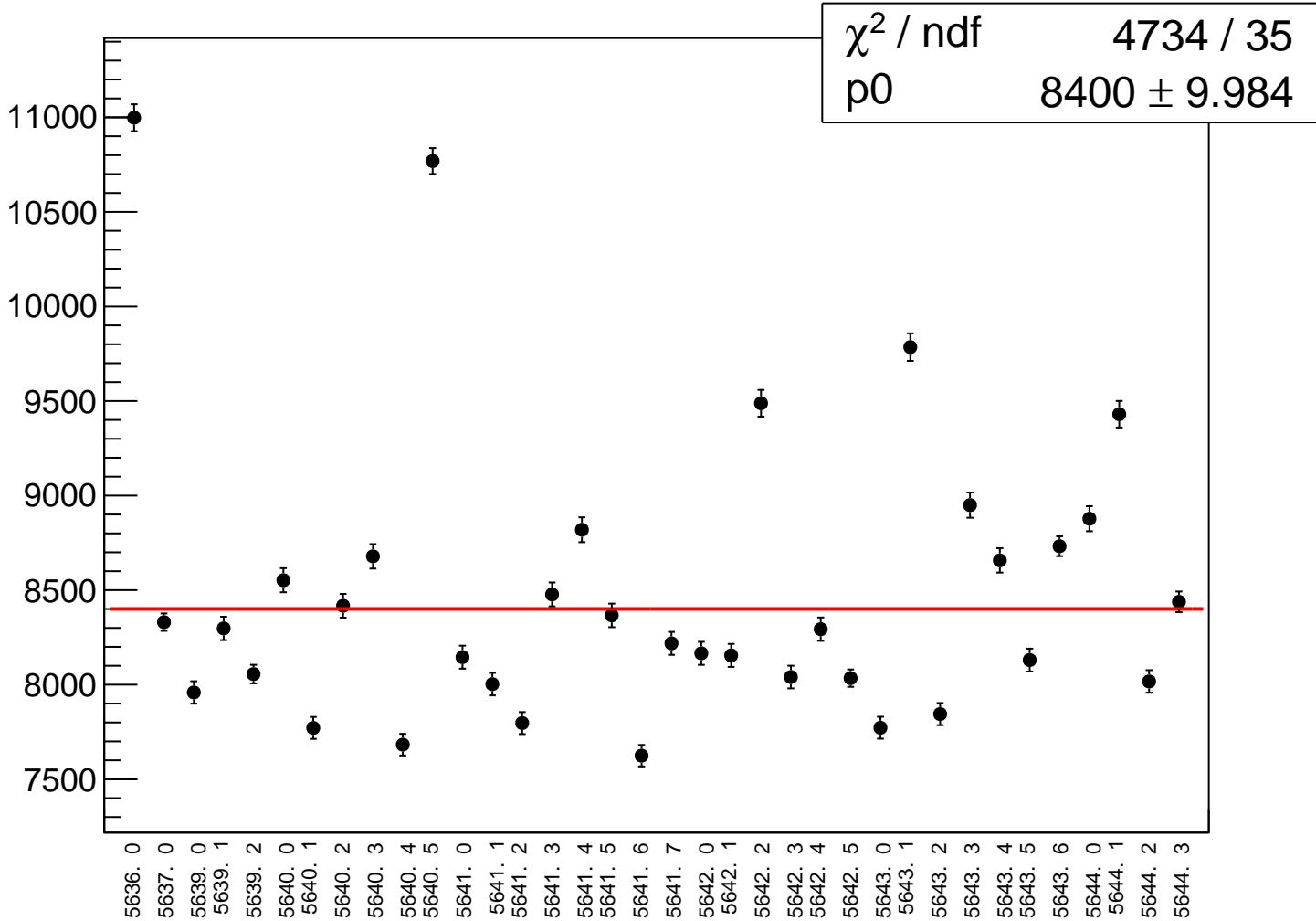
# diff\_bpm4acX\_rms vs run



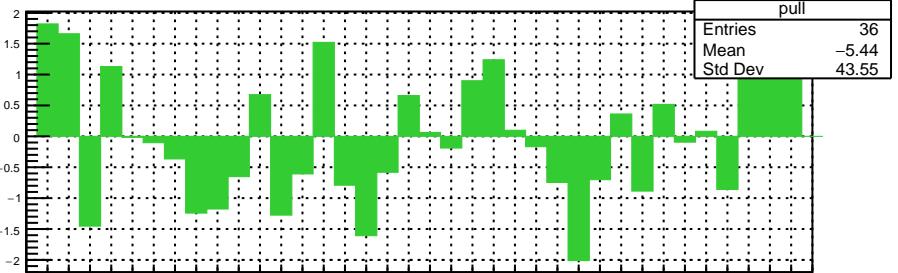
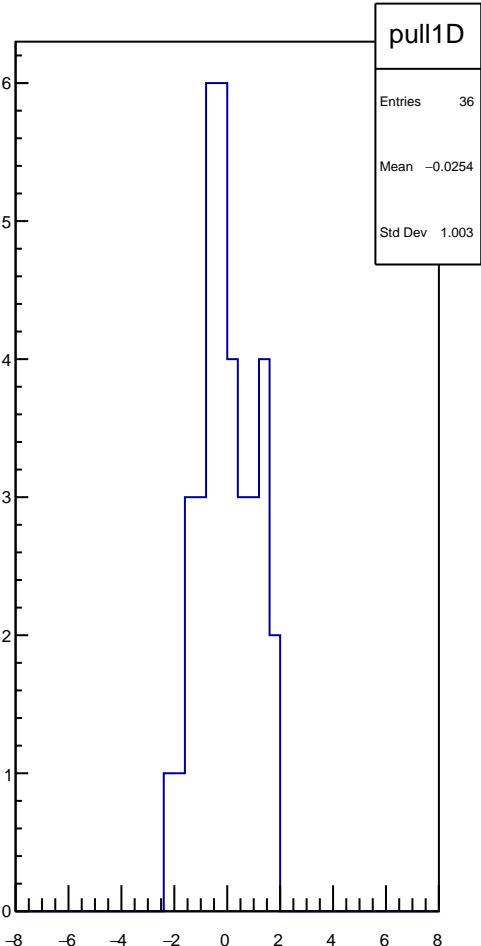
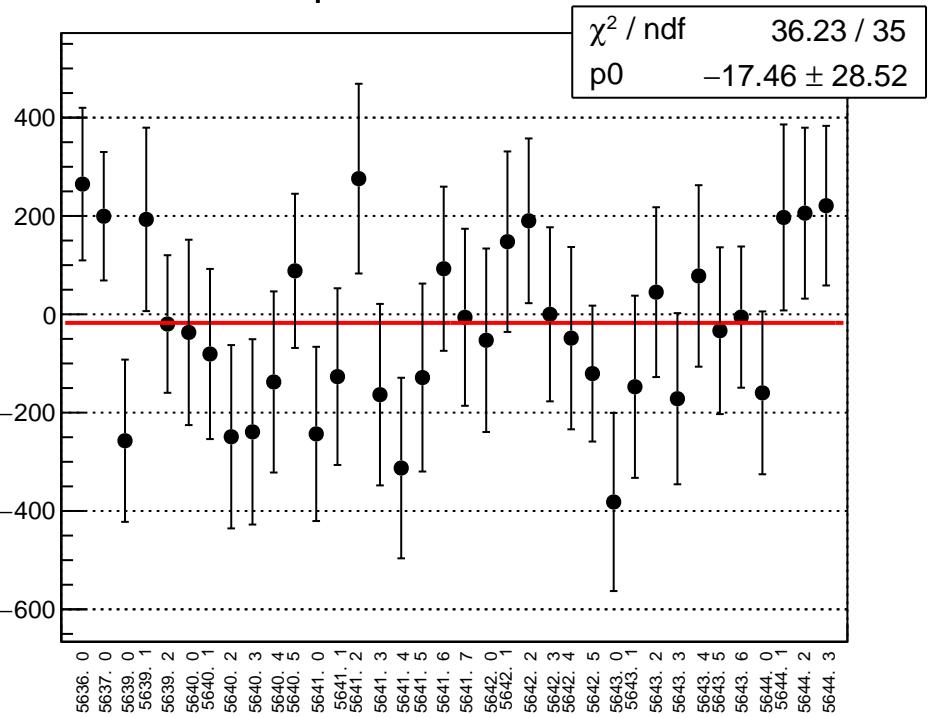
# diff\_bpm4acY\_mean vs run



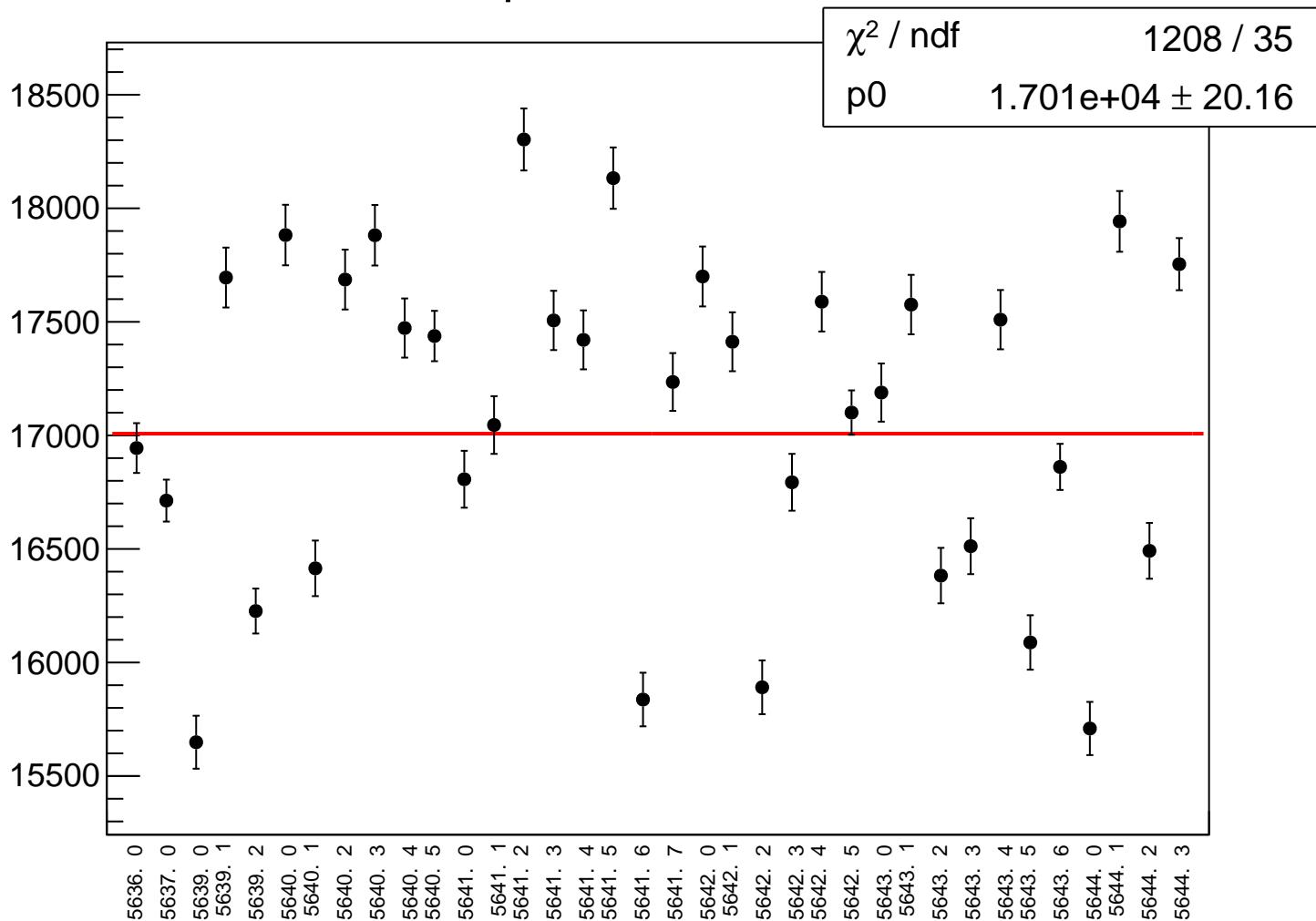
# diff\_bpm4acY\_rms vs run



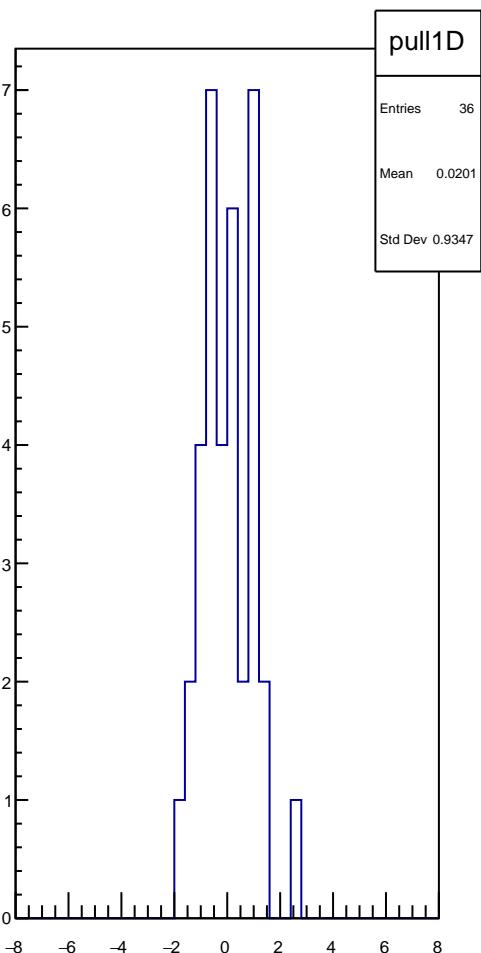
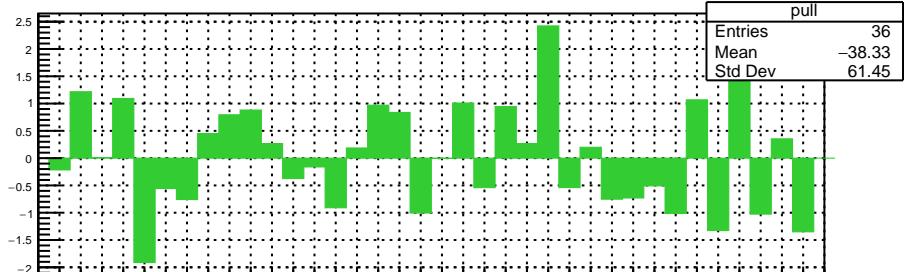
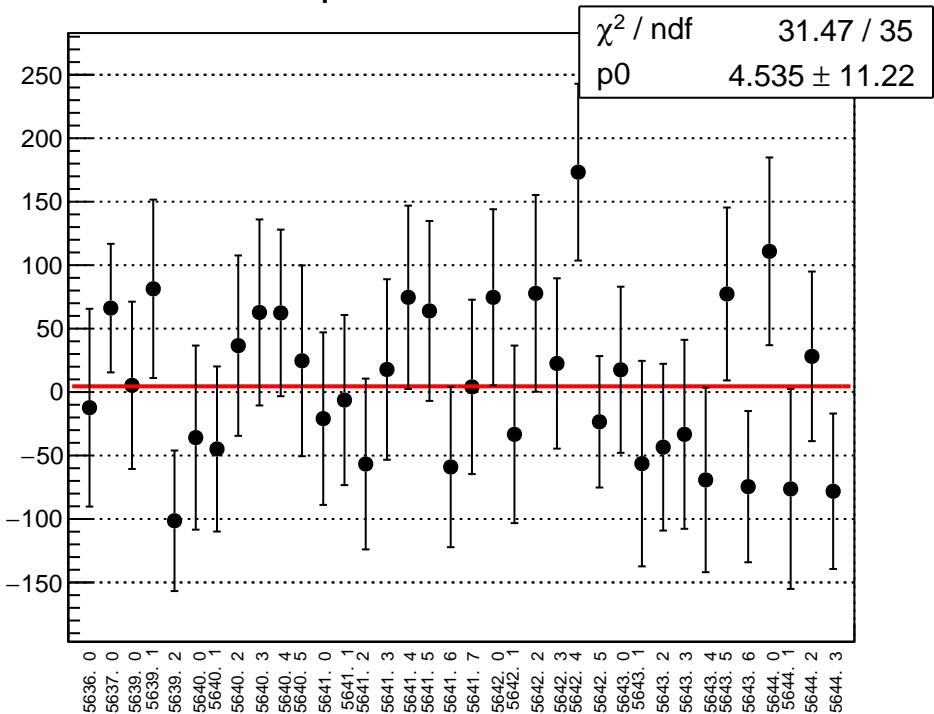
# diff\_bpm4ecX\_mean vs run



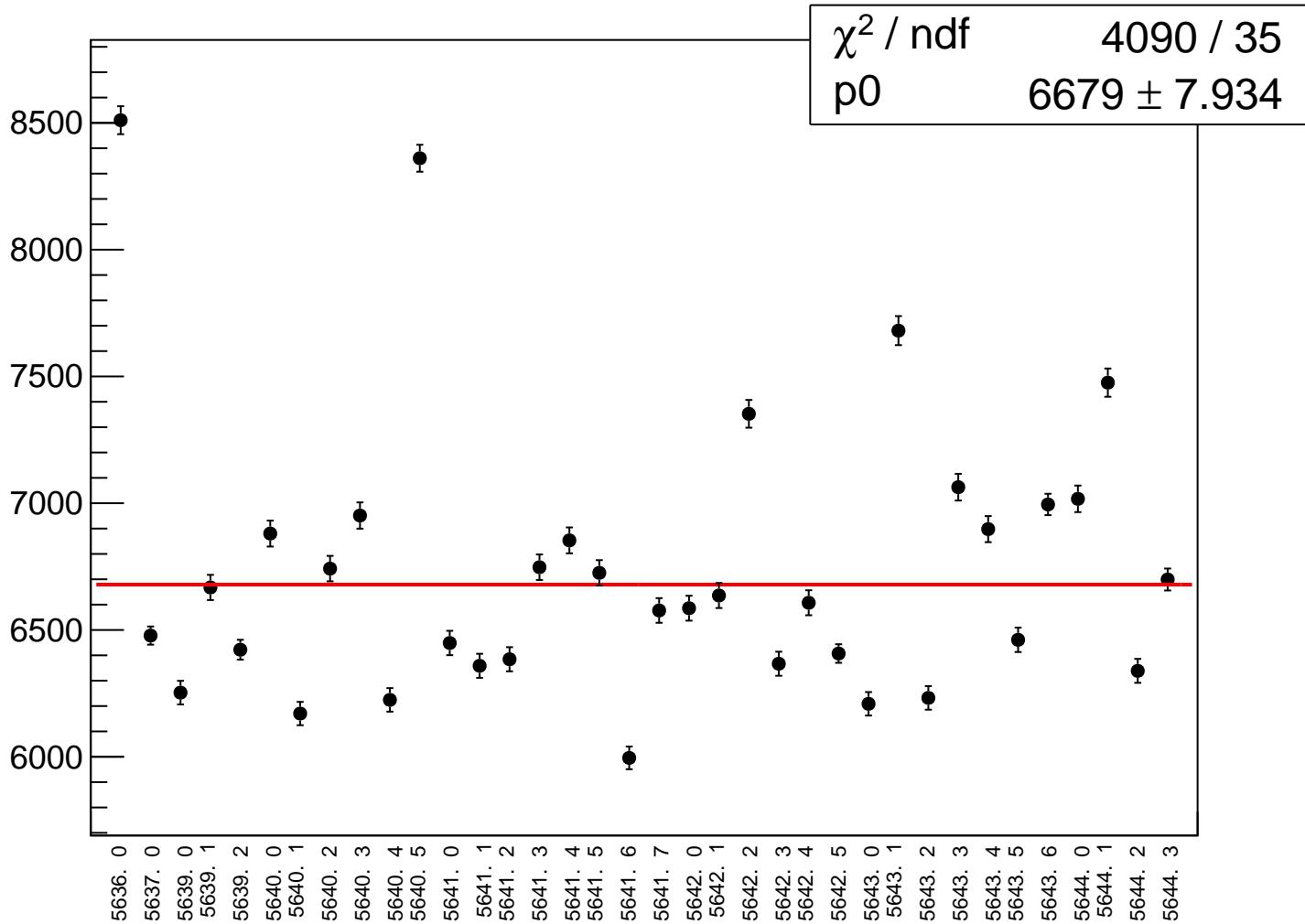
# diff\_bpm4ecX\_rms vs run



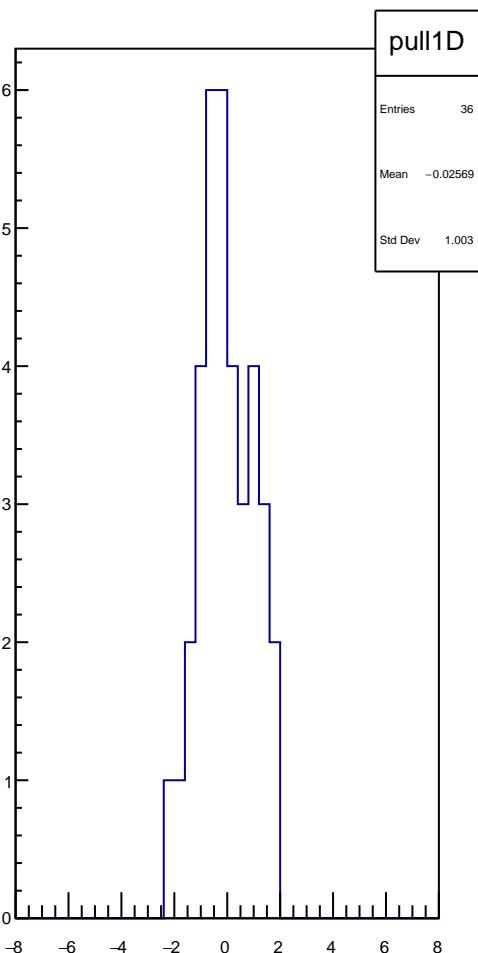
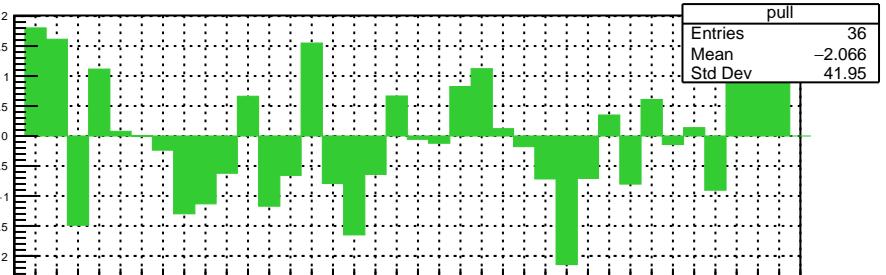
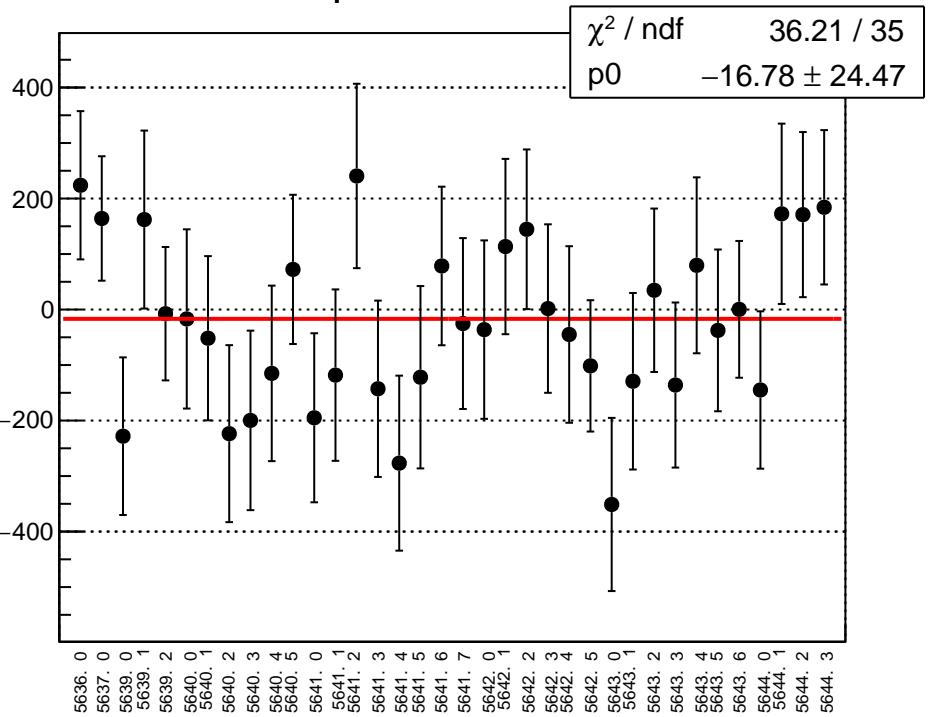
# diff\_bpm4ecY\_mean vs run



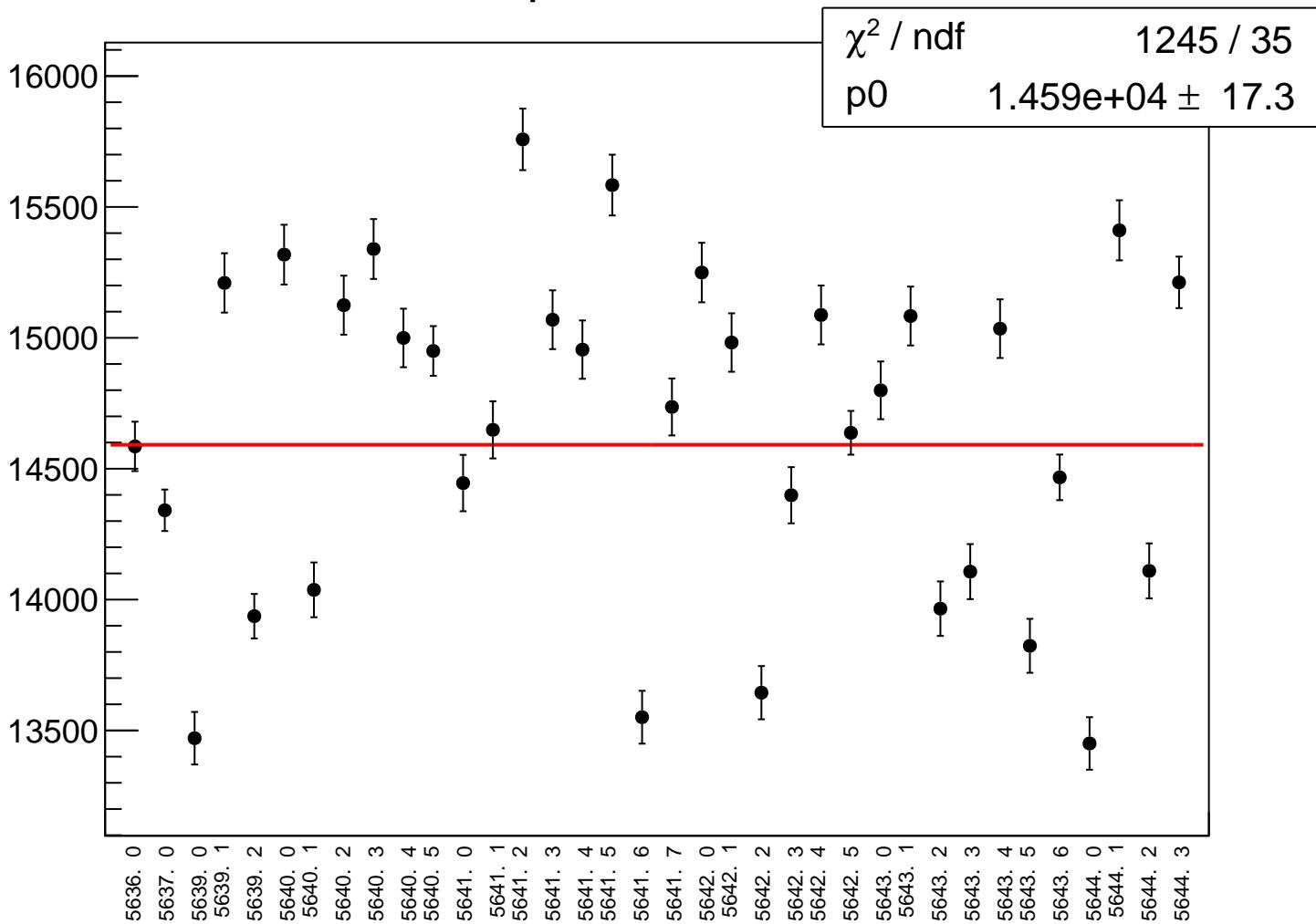
# diff\_bpm4ecY\_rms vs run



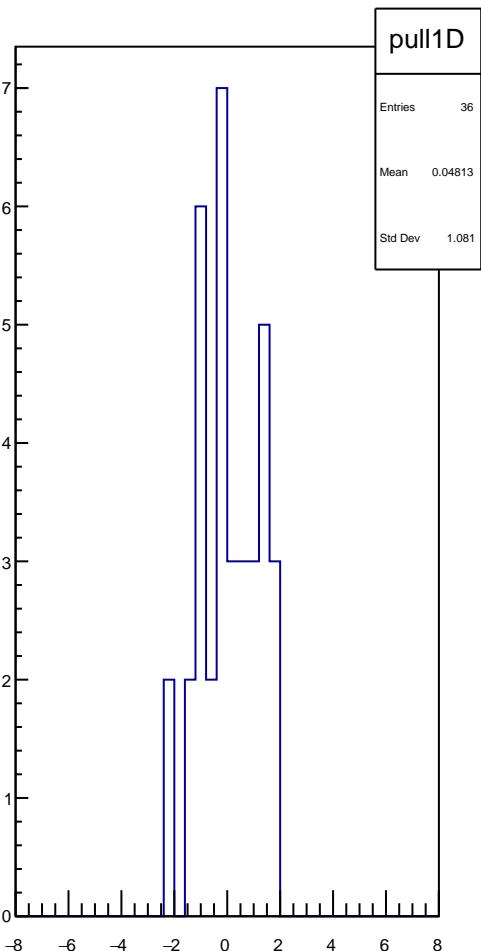
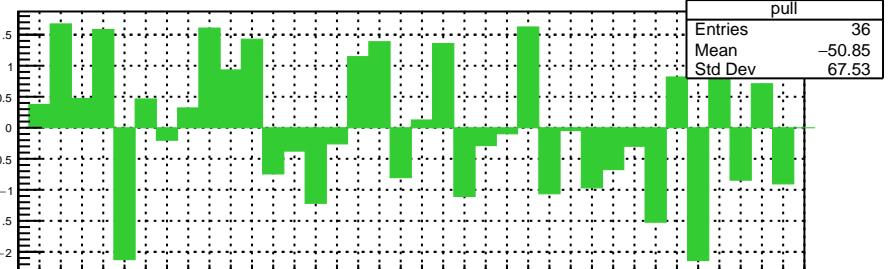
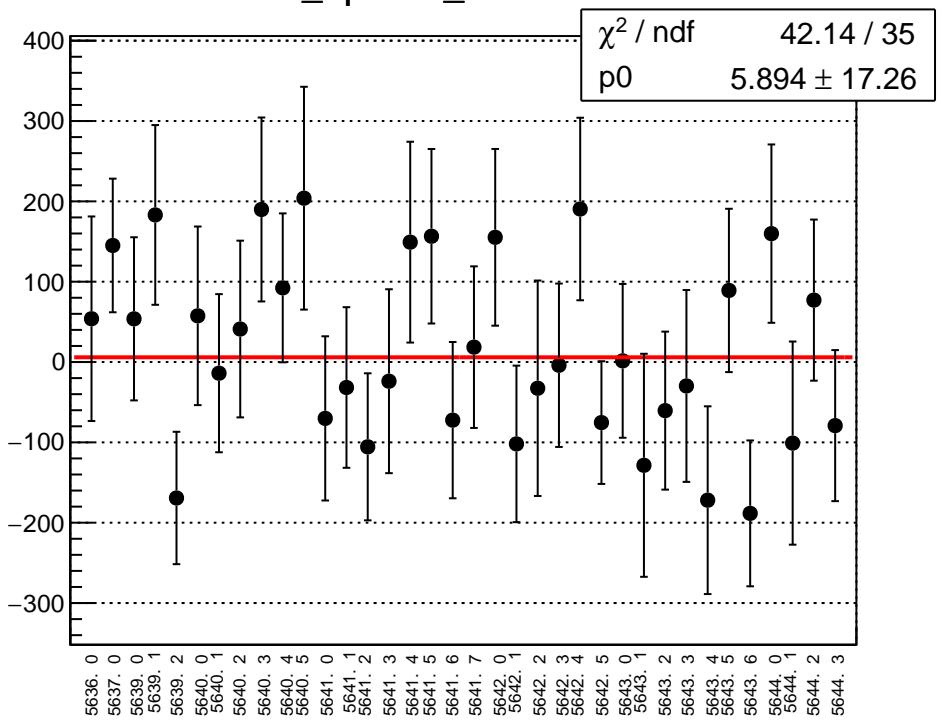
# diff\_bpm1X\_mean vs run



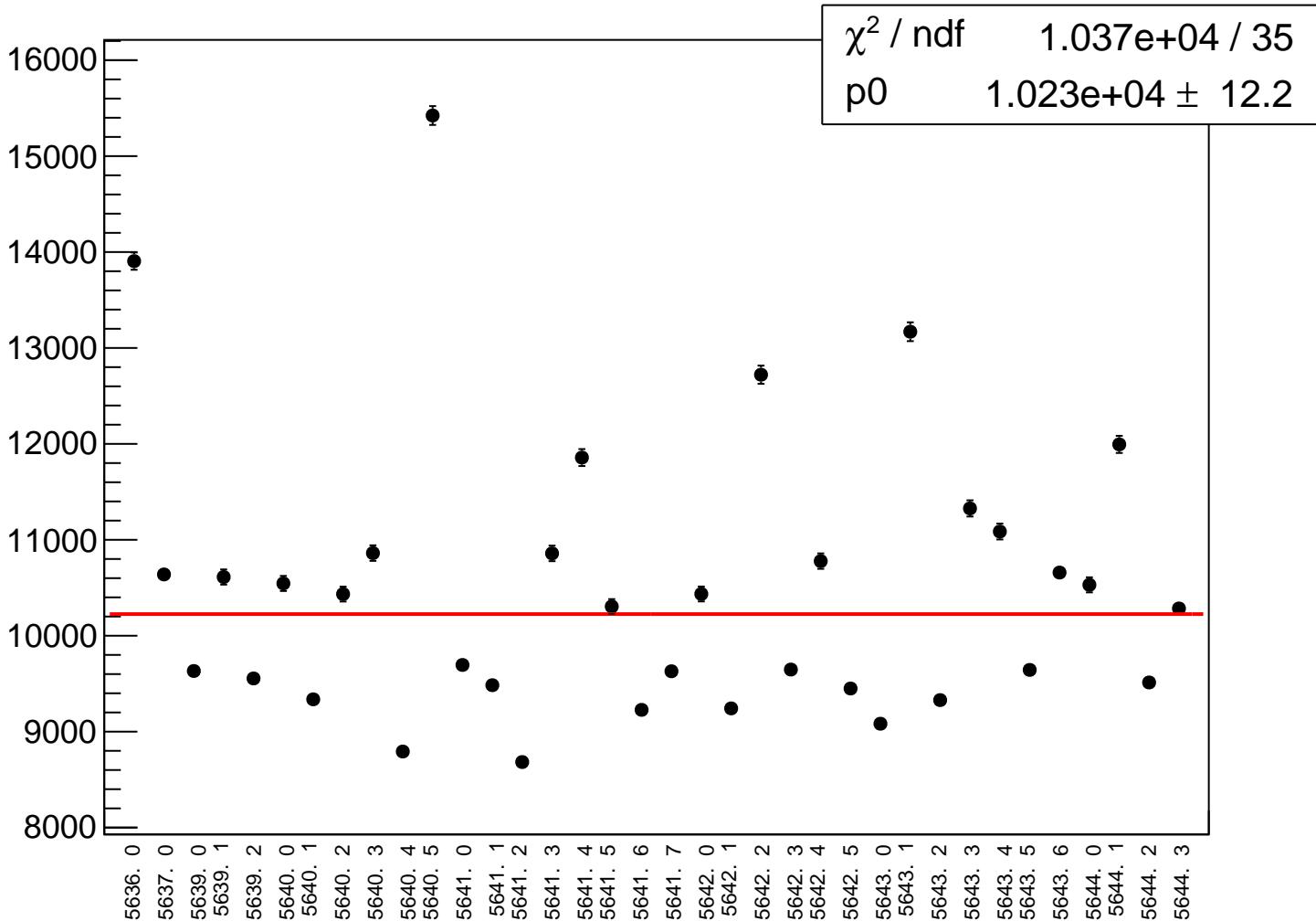
# diff\_bpm1X\_rms vs run



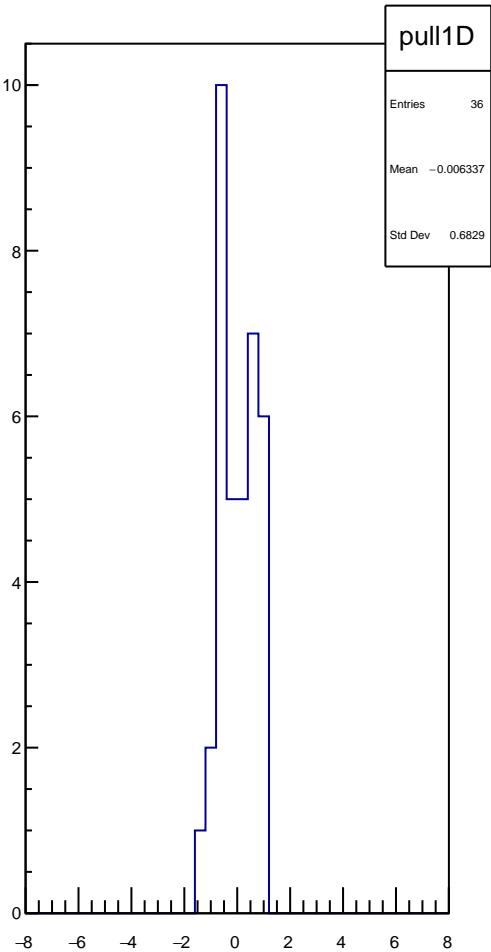
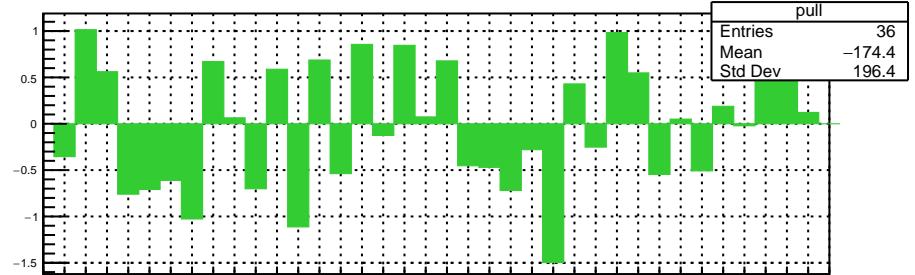
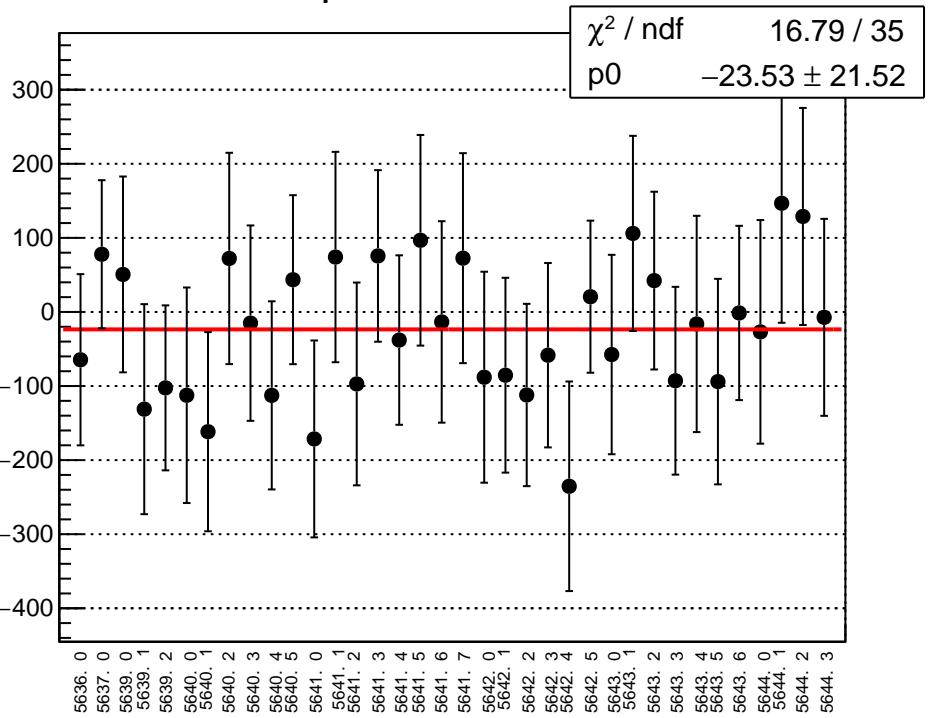
# diff\_bpm1Y\_mean vs run



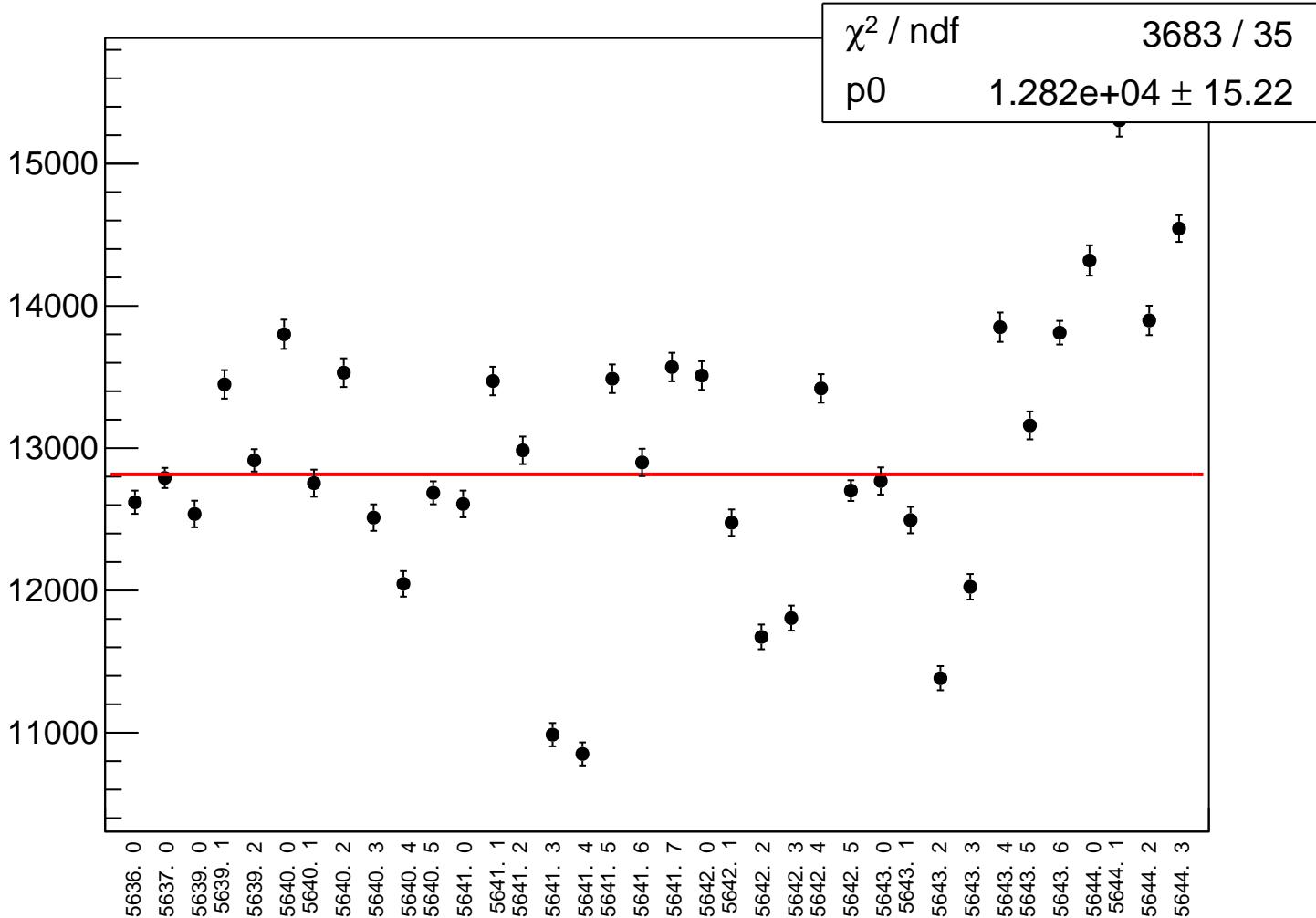
# diff\_bpm1Y\_rms vs run



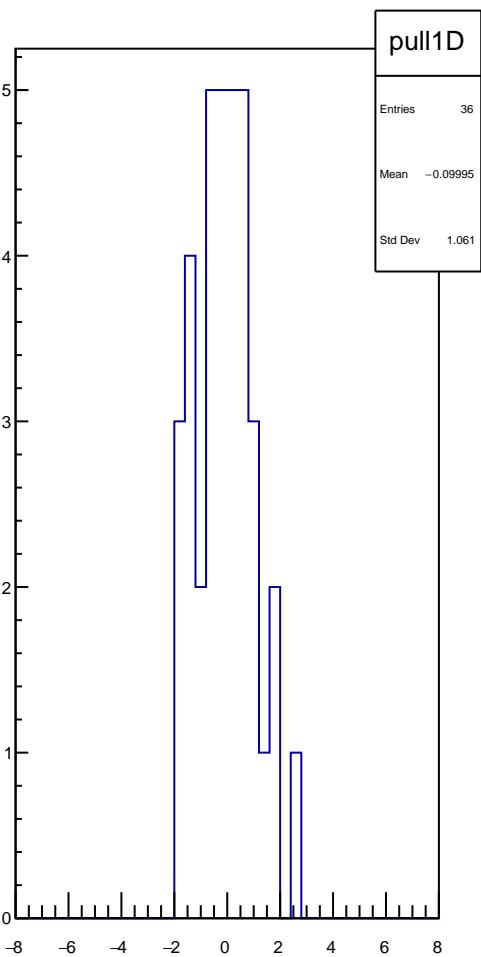
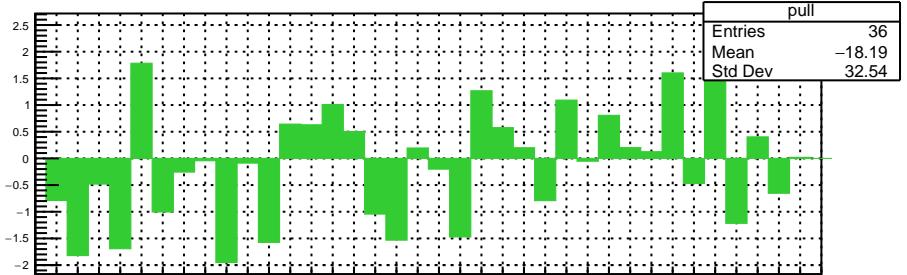
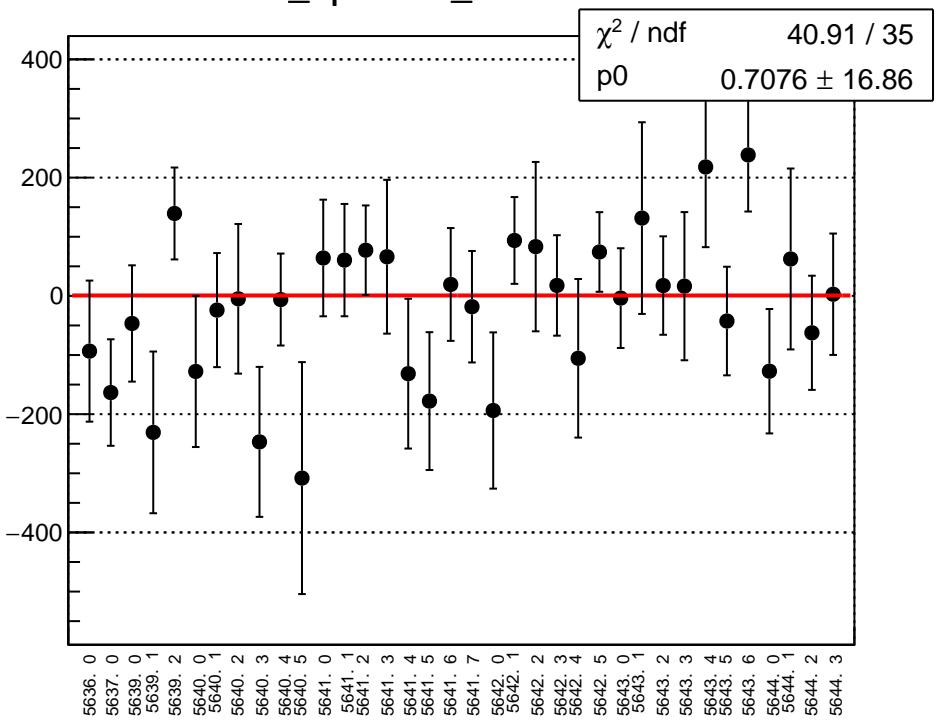
# diff\_bpm11X\_mean vs run



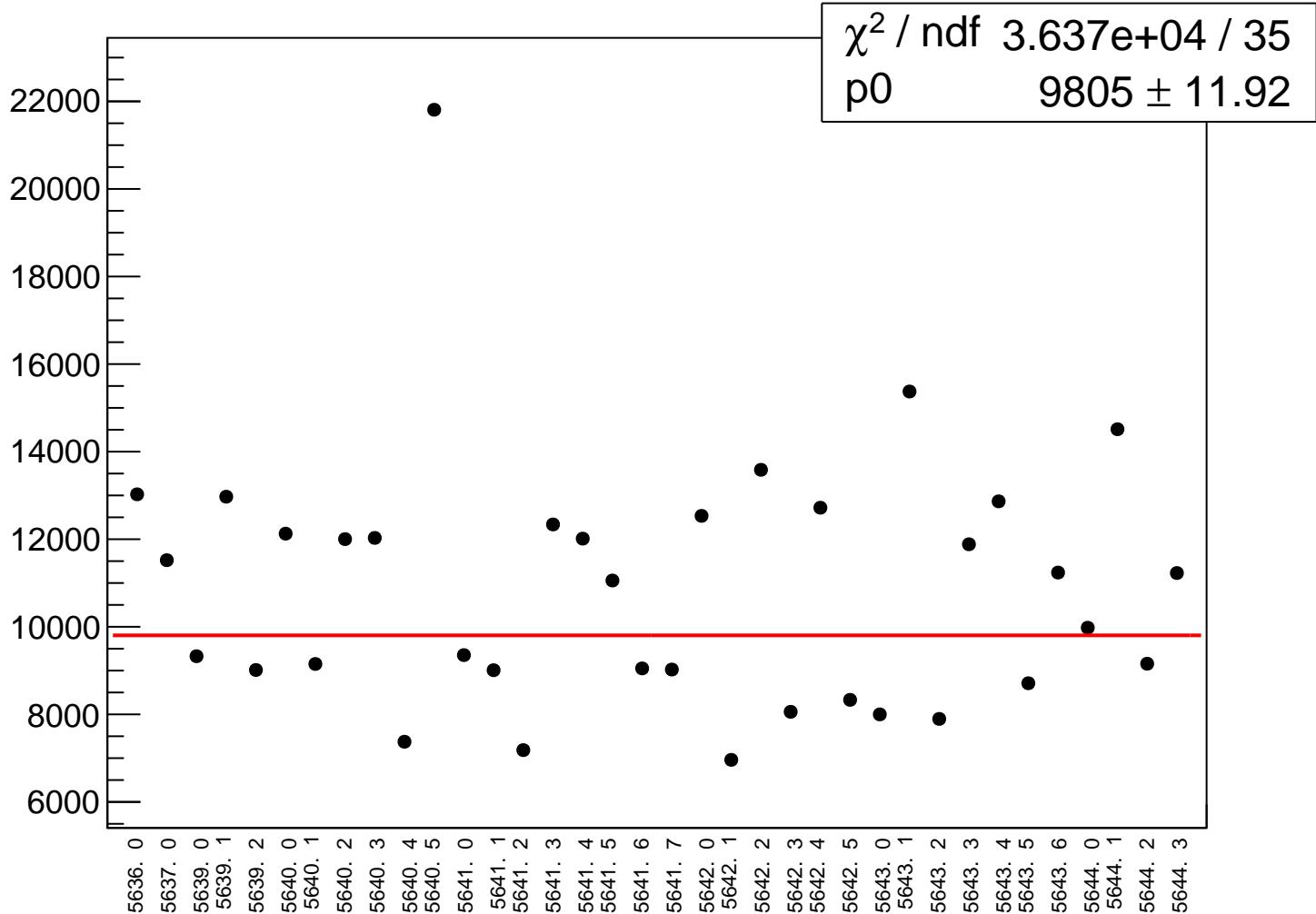
# diff\_bpm11X\_rms vs run



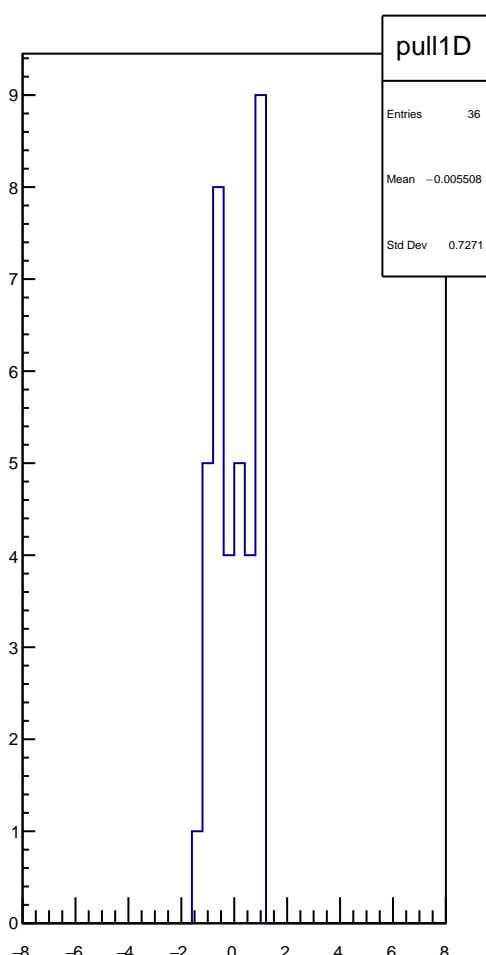
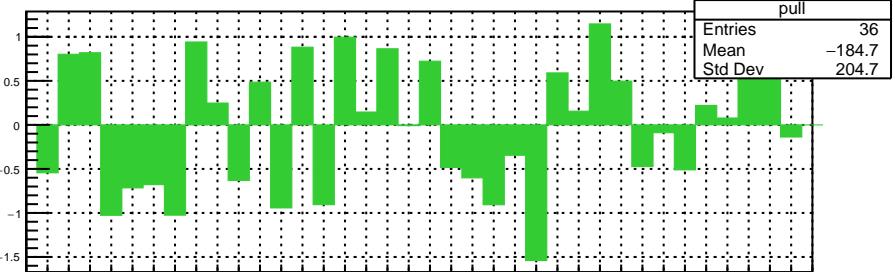
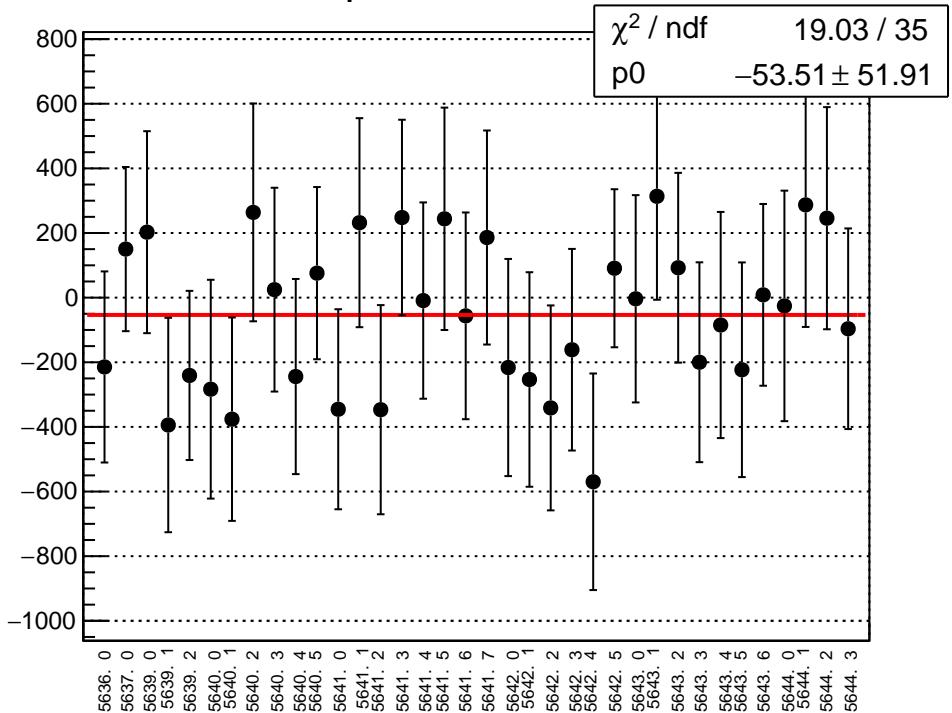
# diff\_bpm11Y\_mean vs run



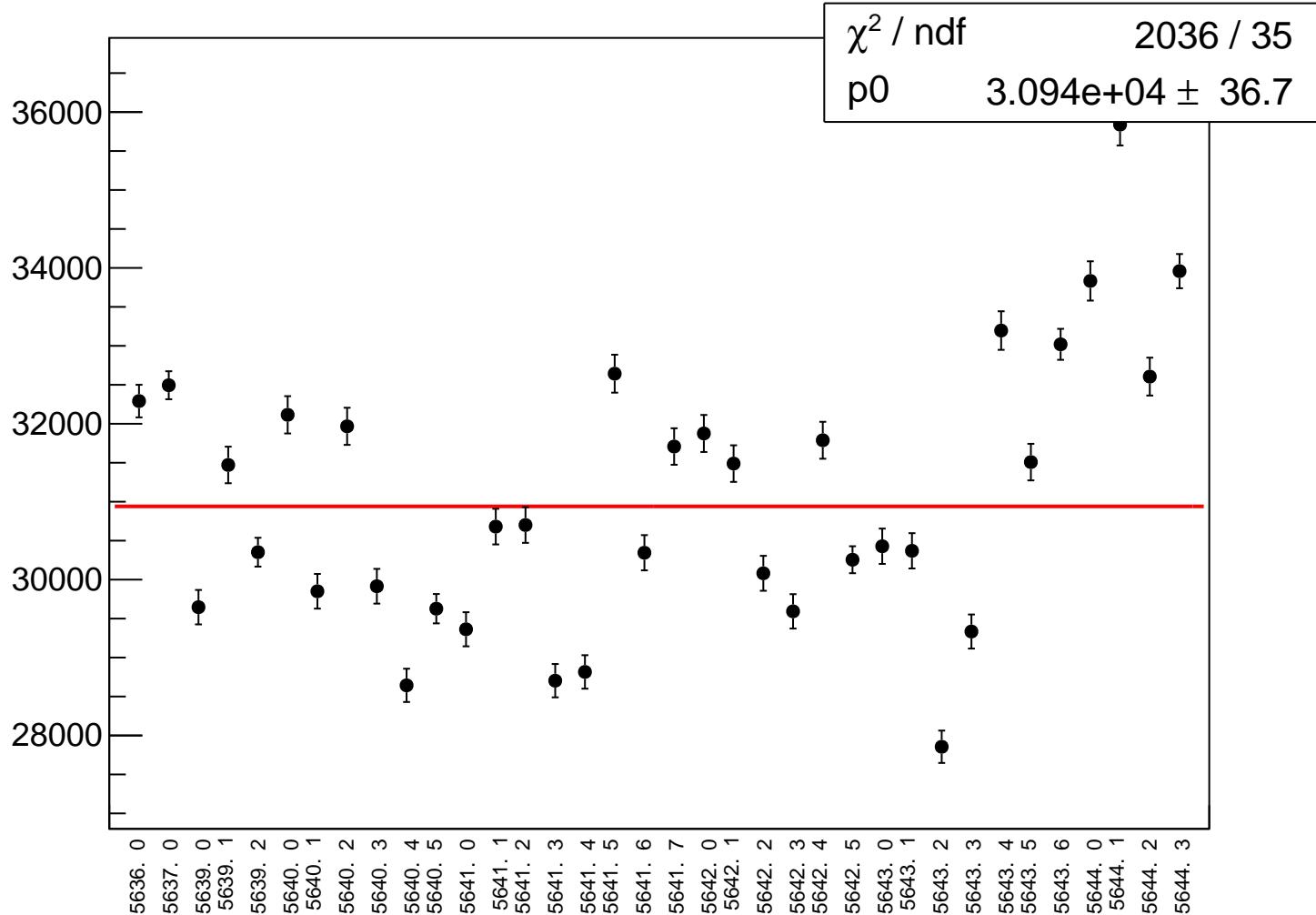
# diff\_bpm11Y\_rms vs run



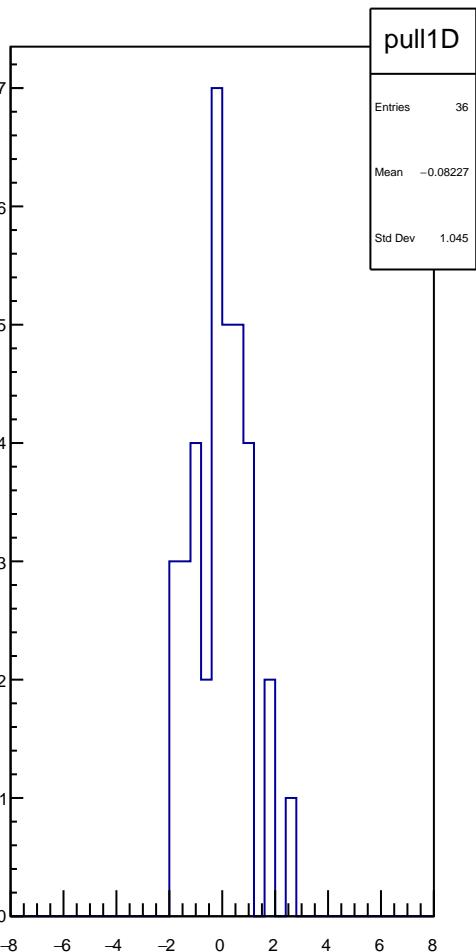
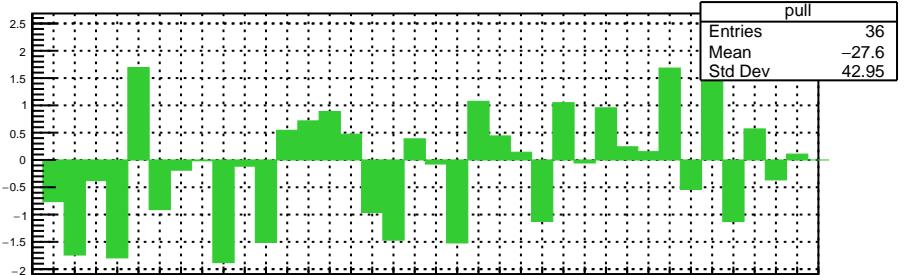
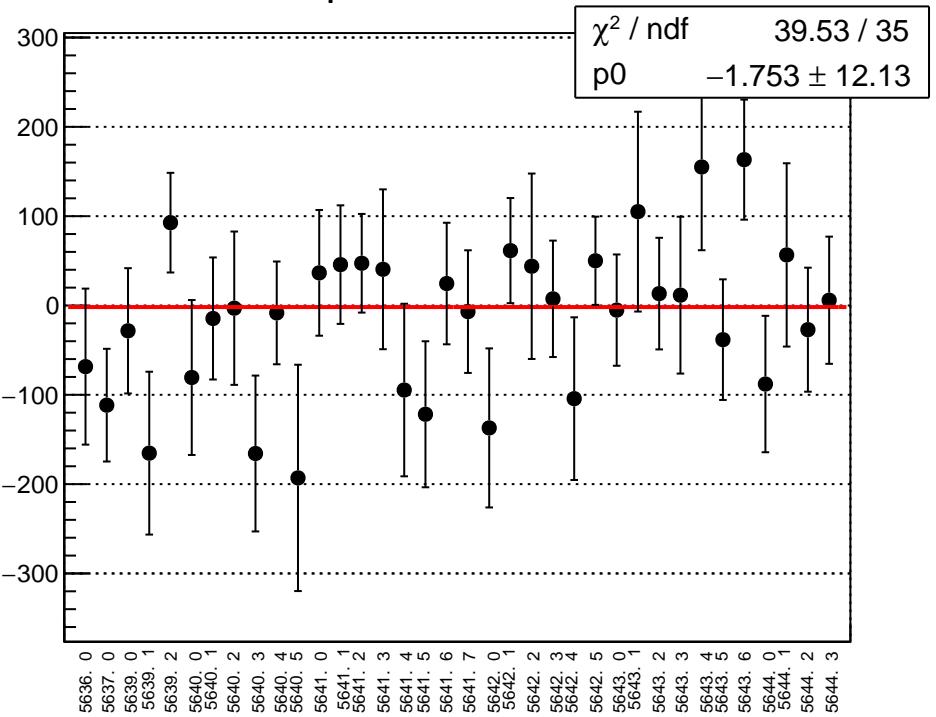
# diff\_bpm12X\_mean vs run



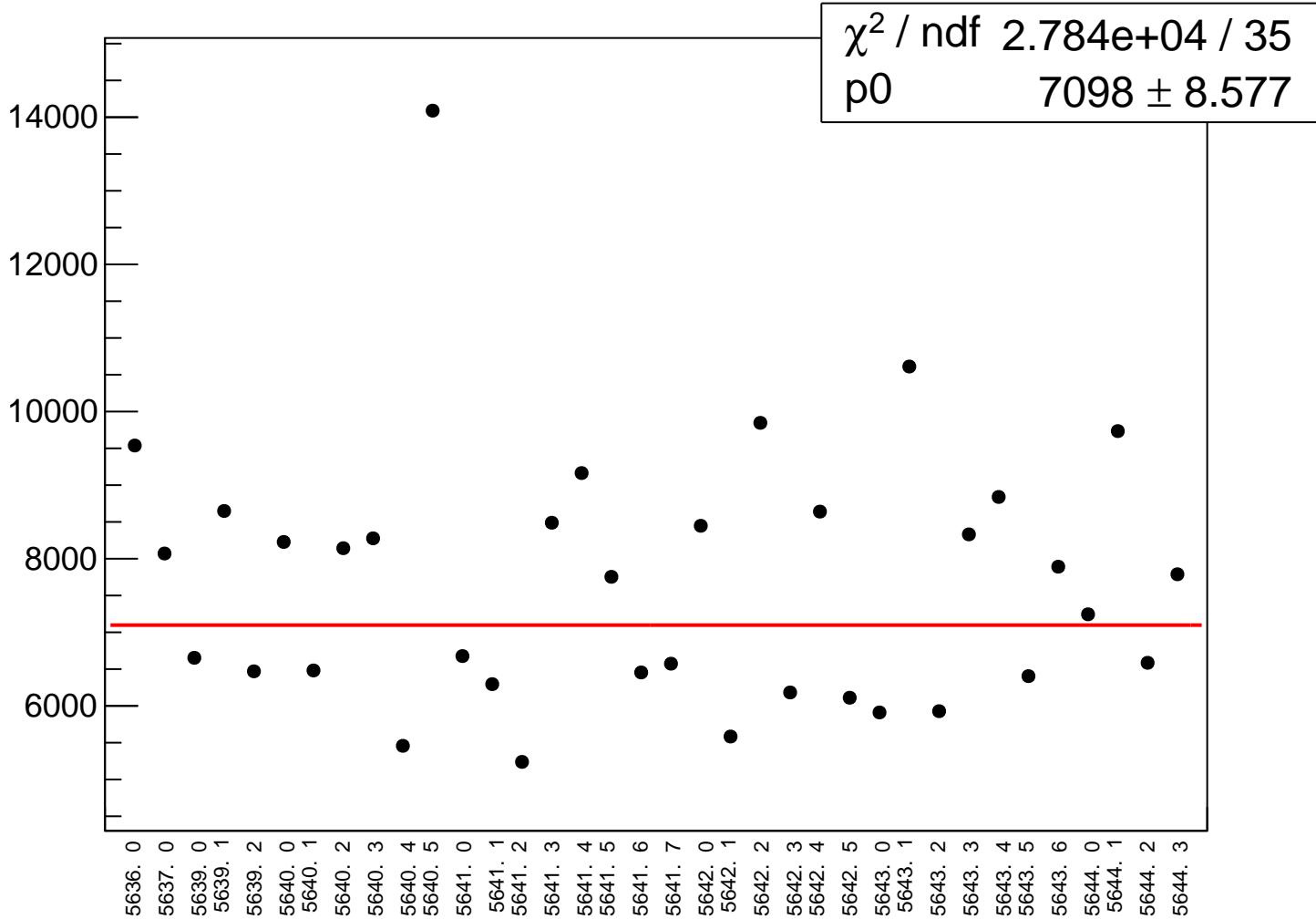
# diff\_bpm12X\_rms vs run



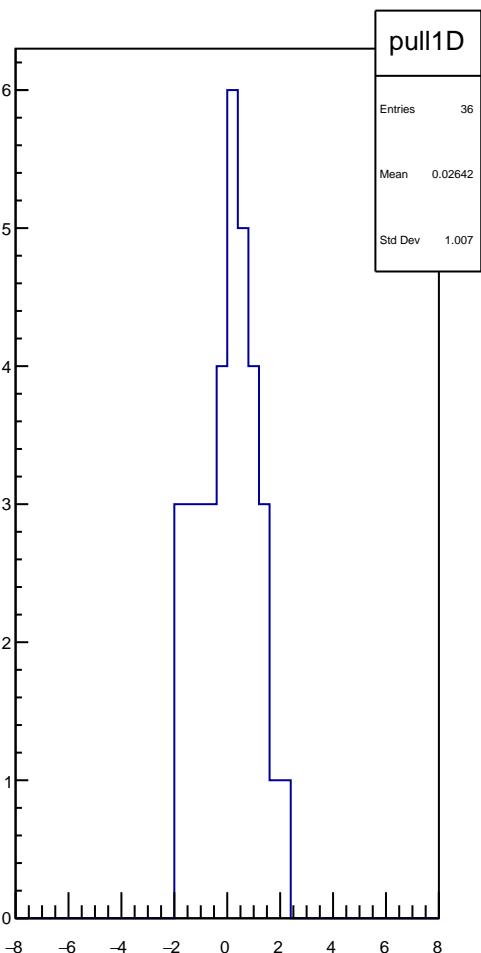
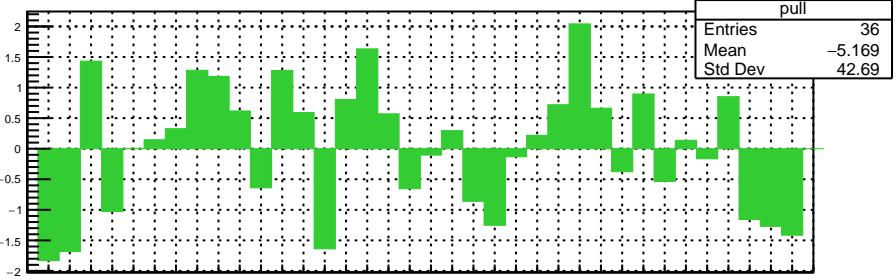
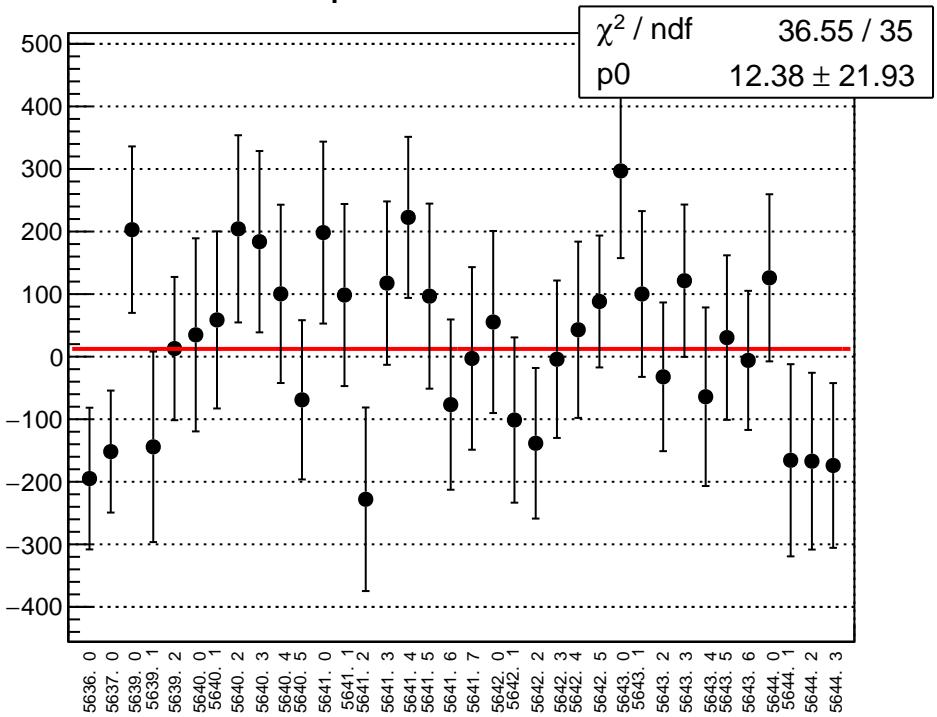
# diff\_bpm12Y\_mean vs run



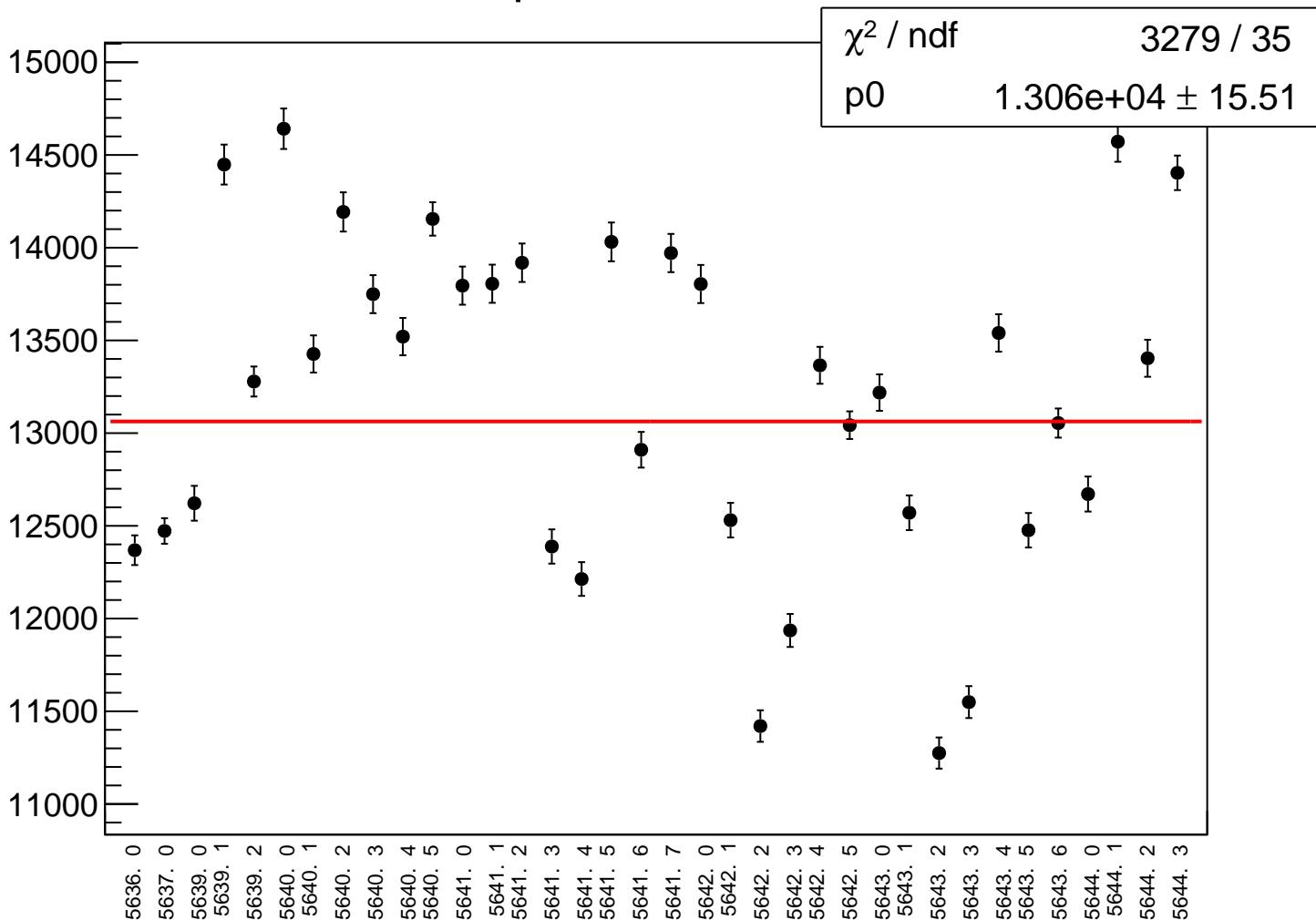
# diff\_bpm12Y\_rms vs run



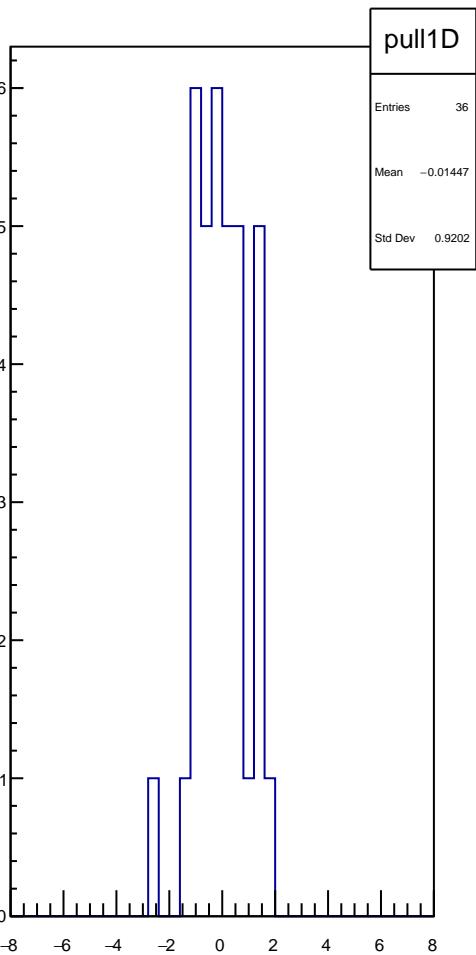
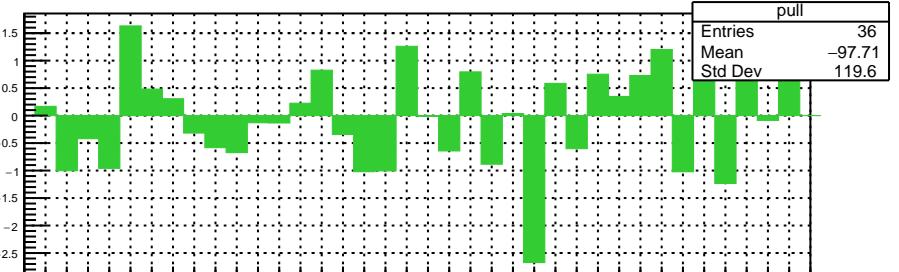
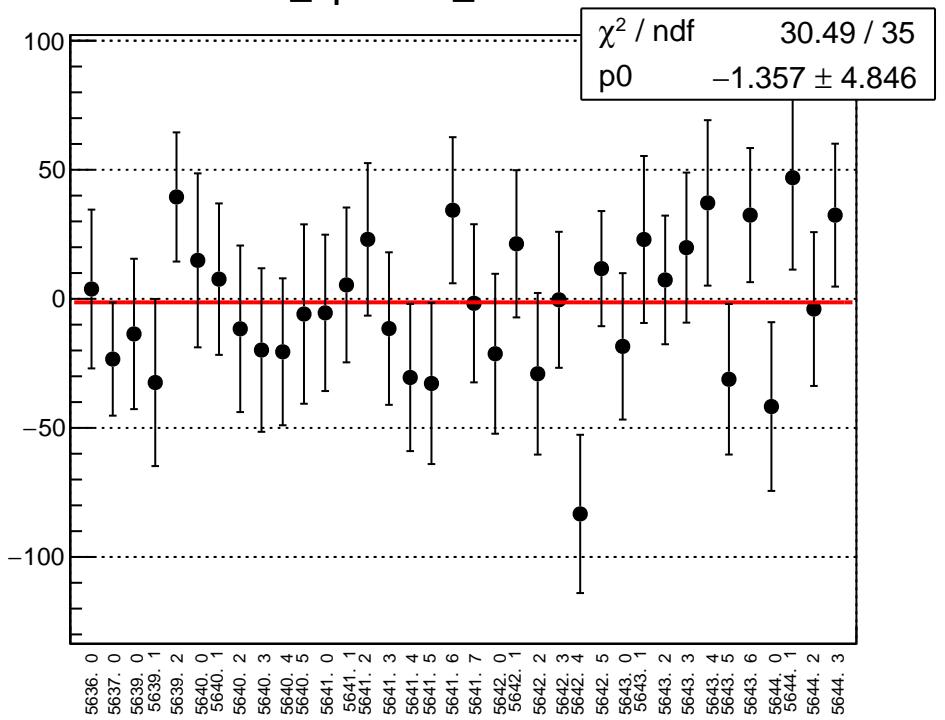
# diff\_bpm16X\_mean vs run



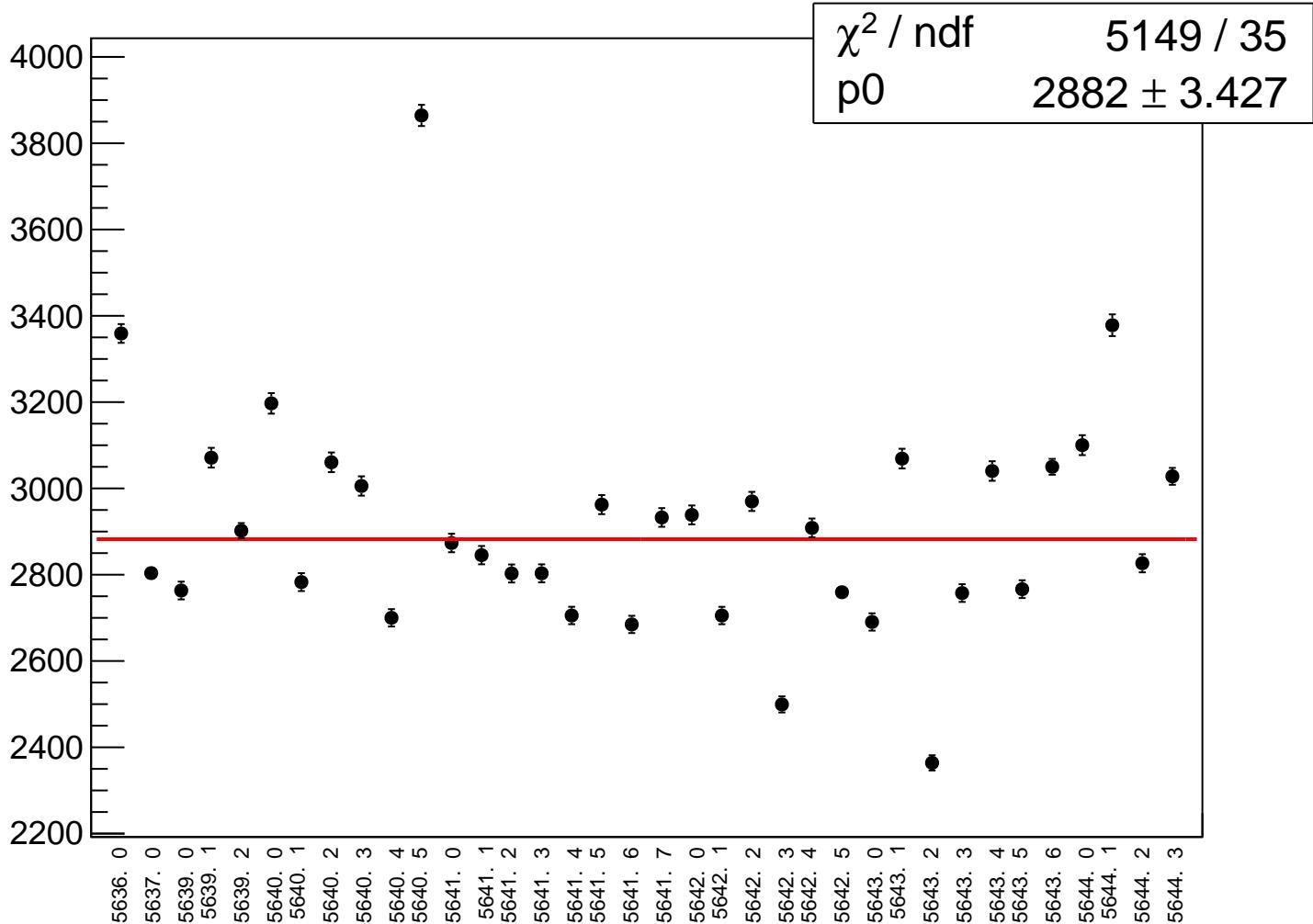
# diff\_bpm16X\_rms vs run



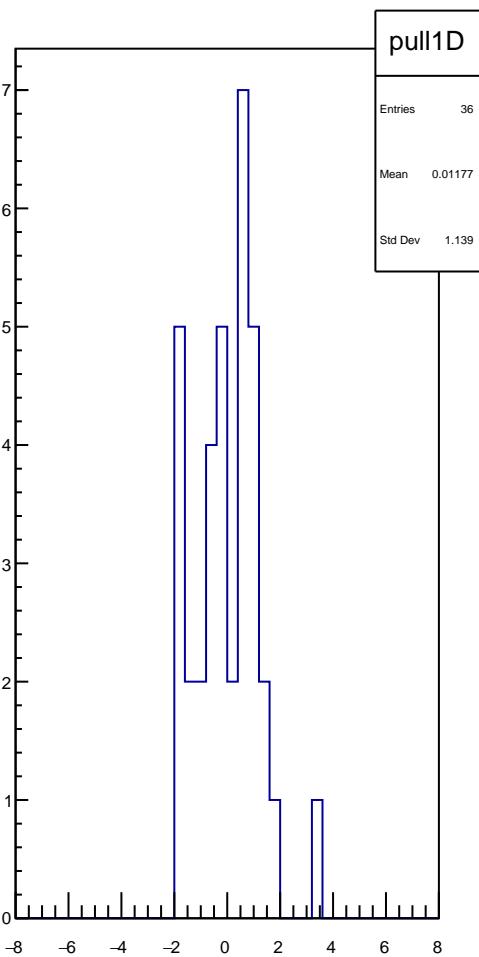
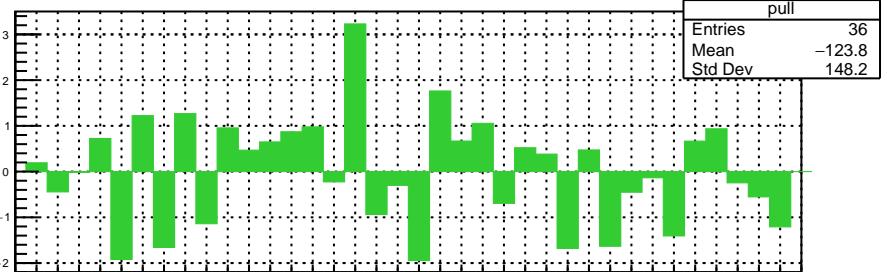
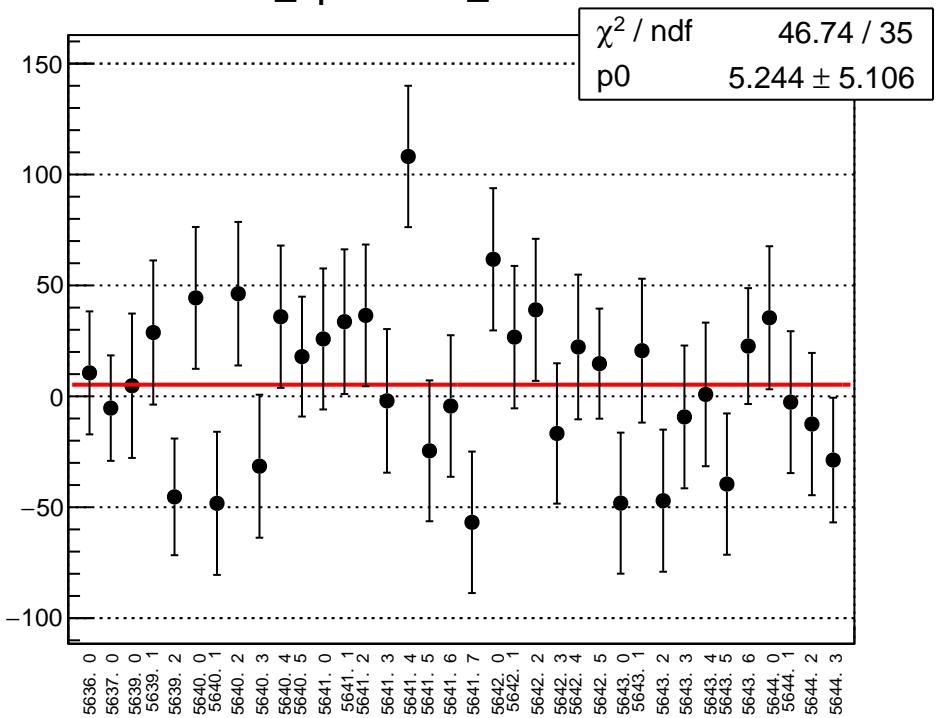
# diff\_bpm16Y\_mean vs run



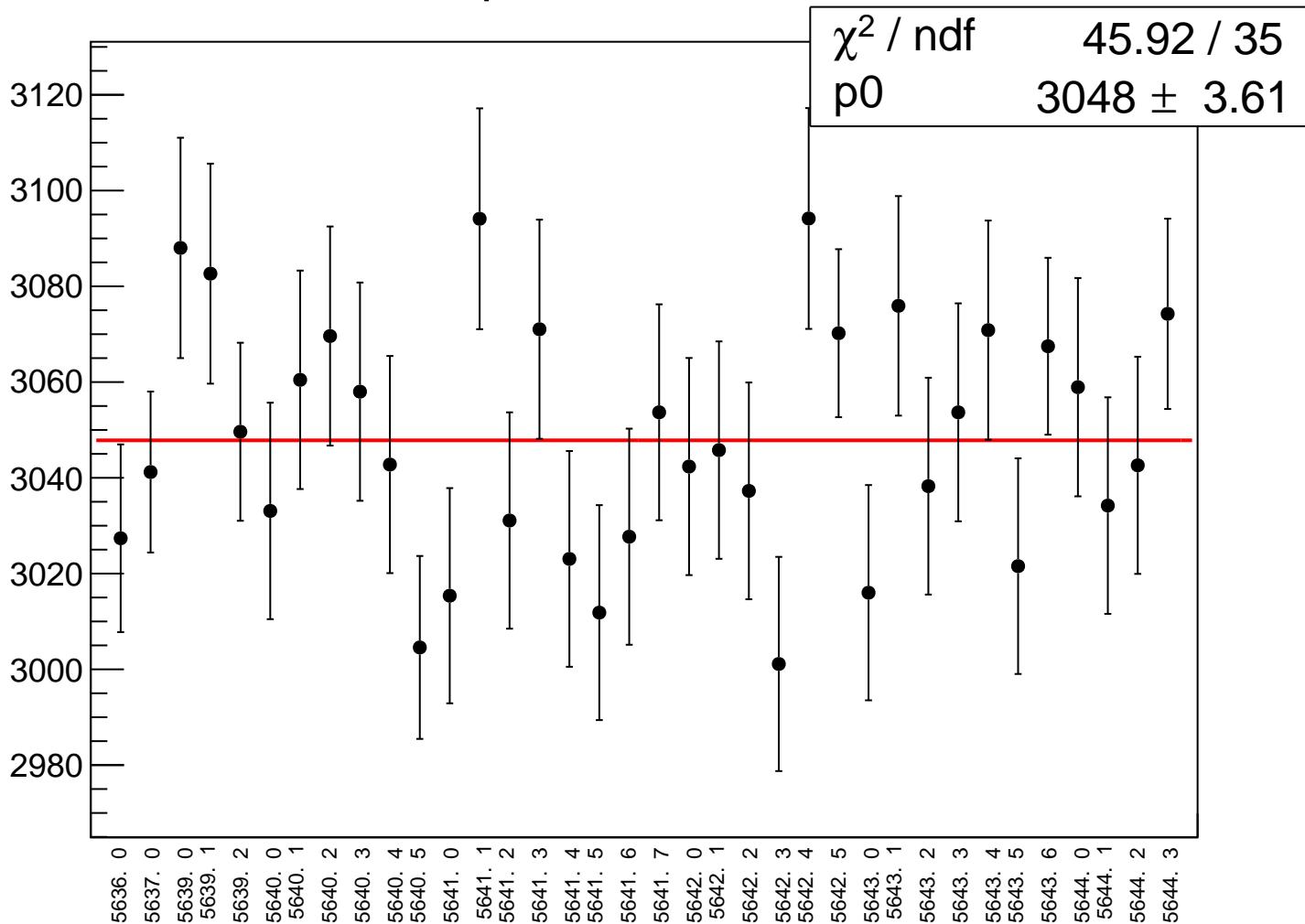
# diff\_bpm16Y\_rms vs run



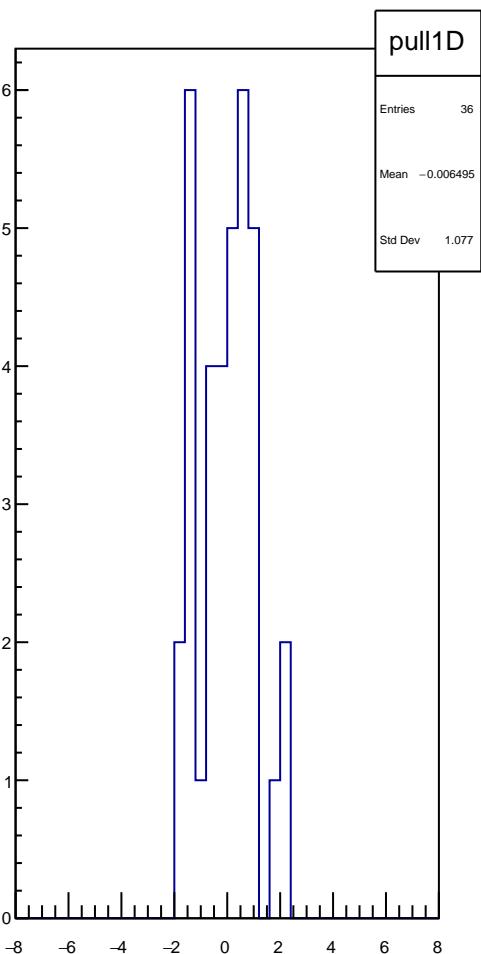
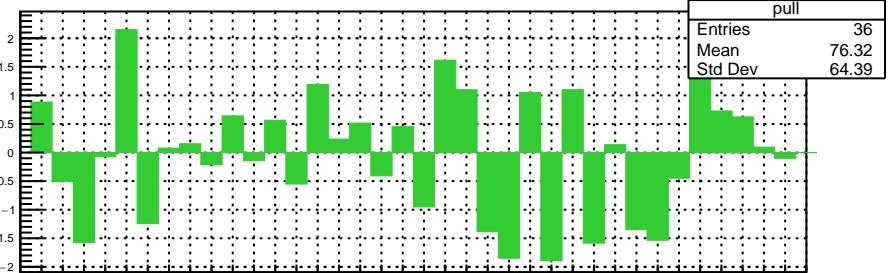
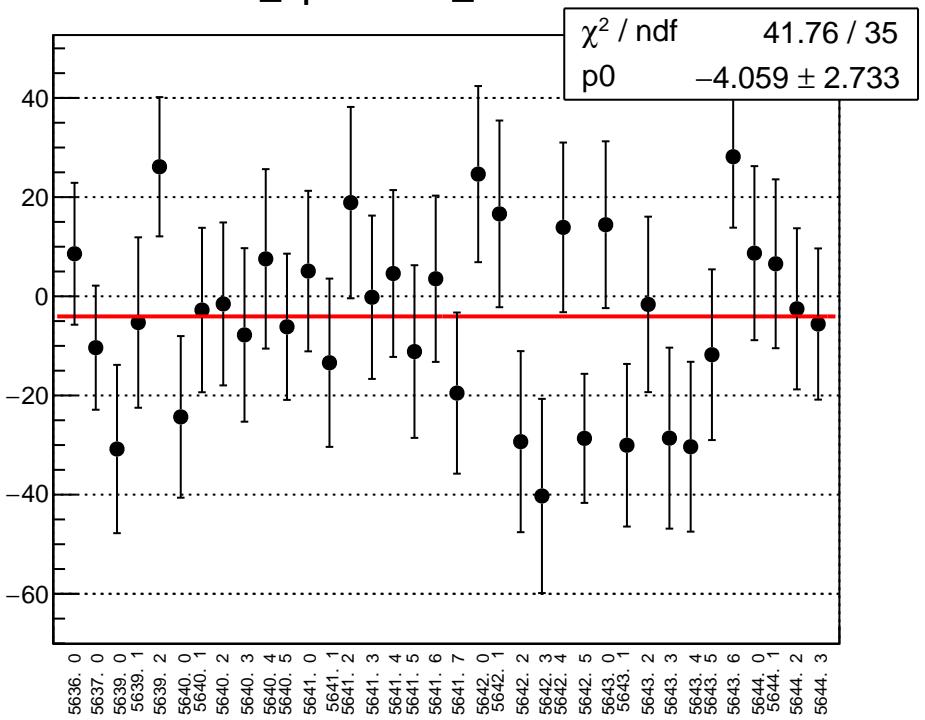
# diff\_bpm0l01X\_mean vs run



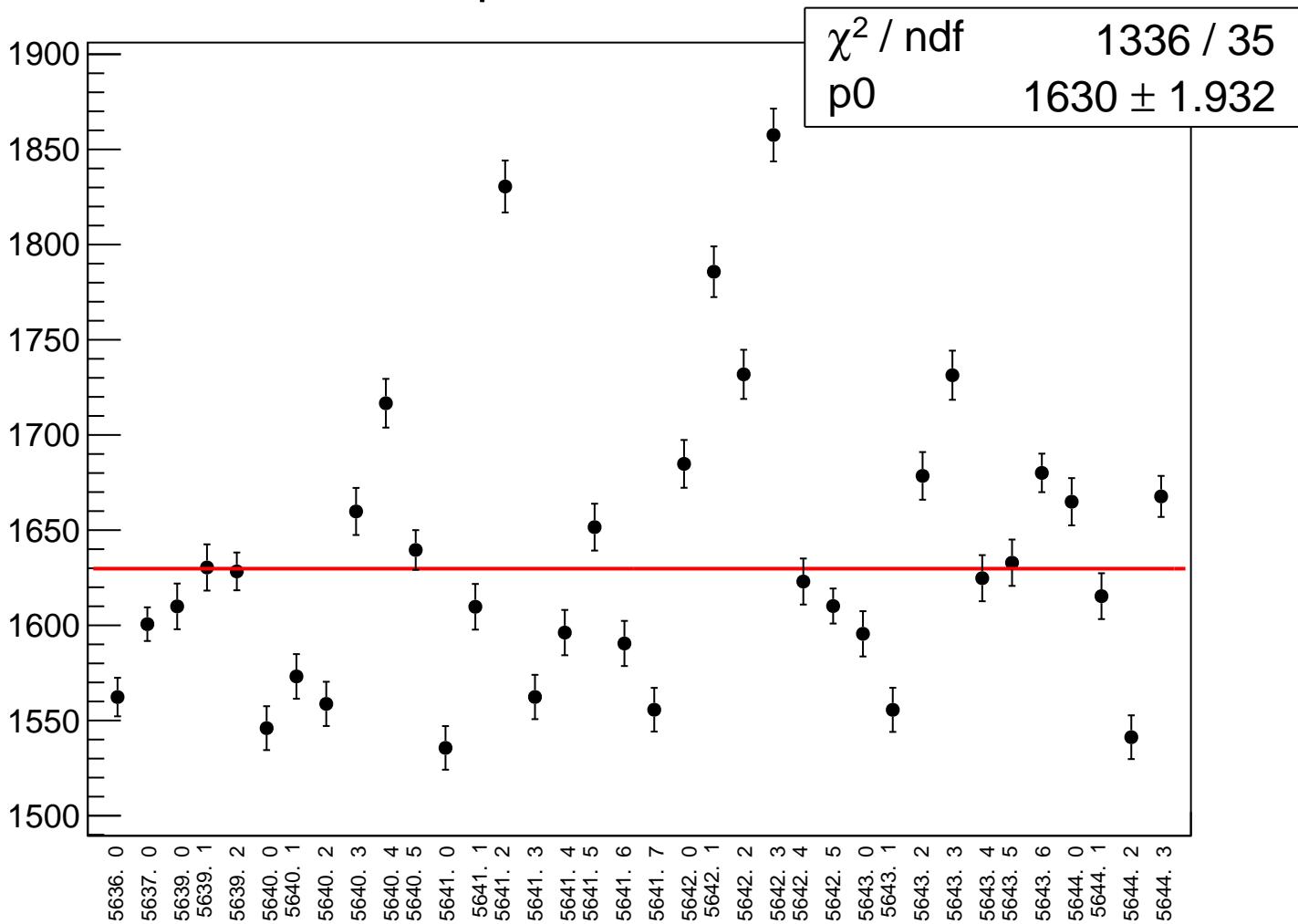
# diff\_bpmon01X\_rms vs run



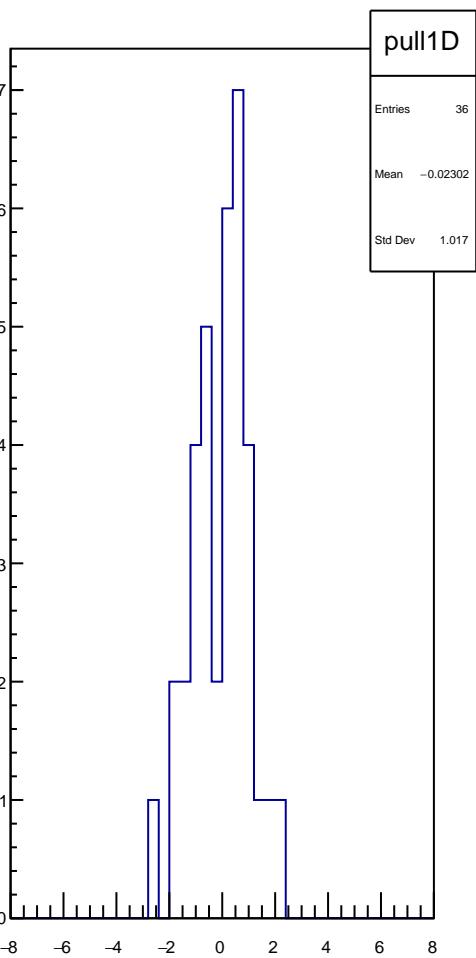
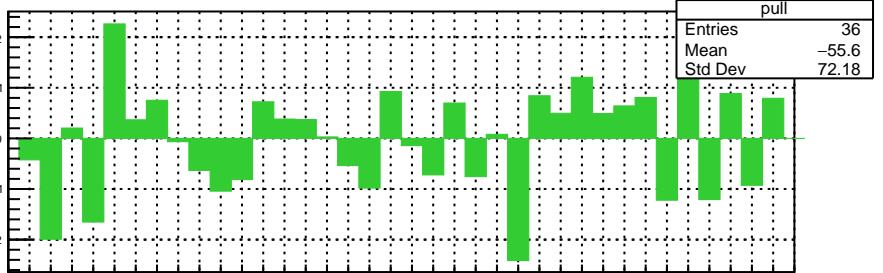
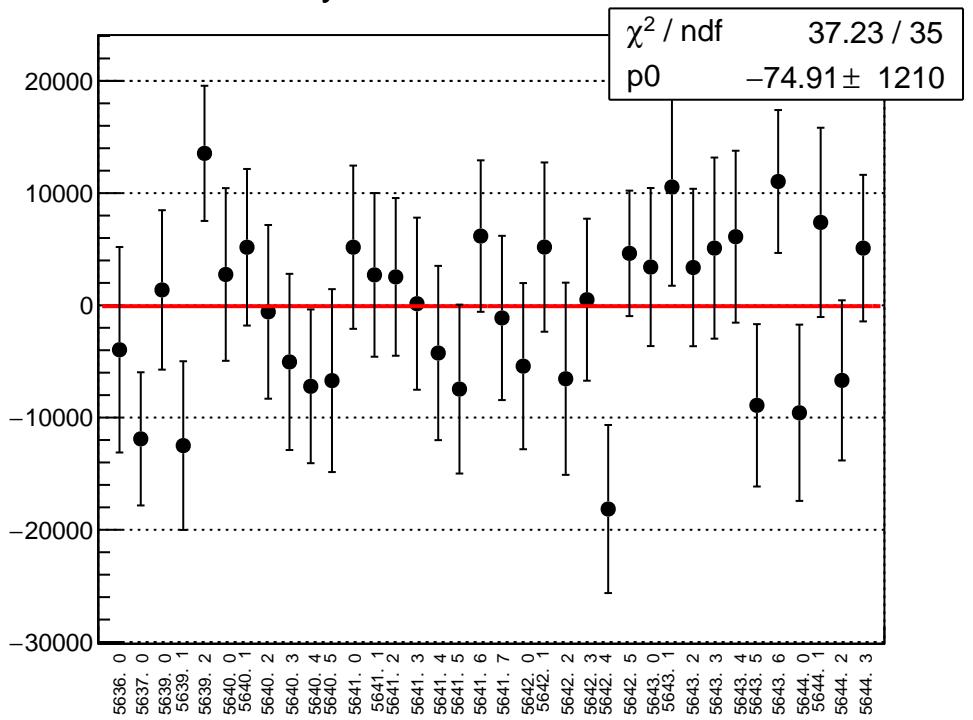
# diff\_bpm0l01Y\_mean vs run



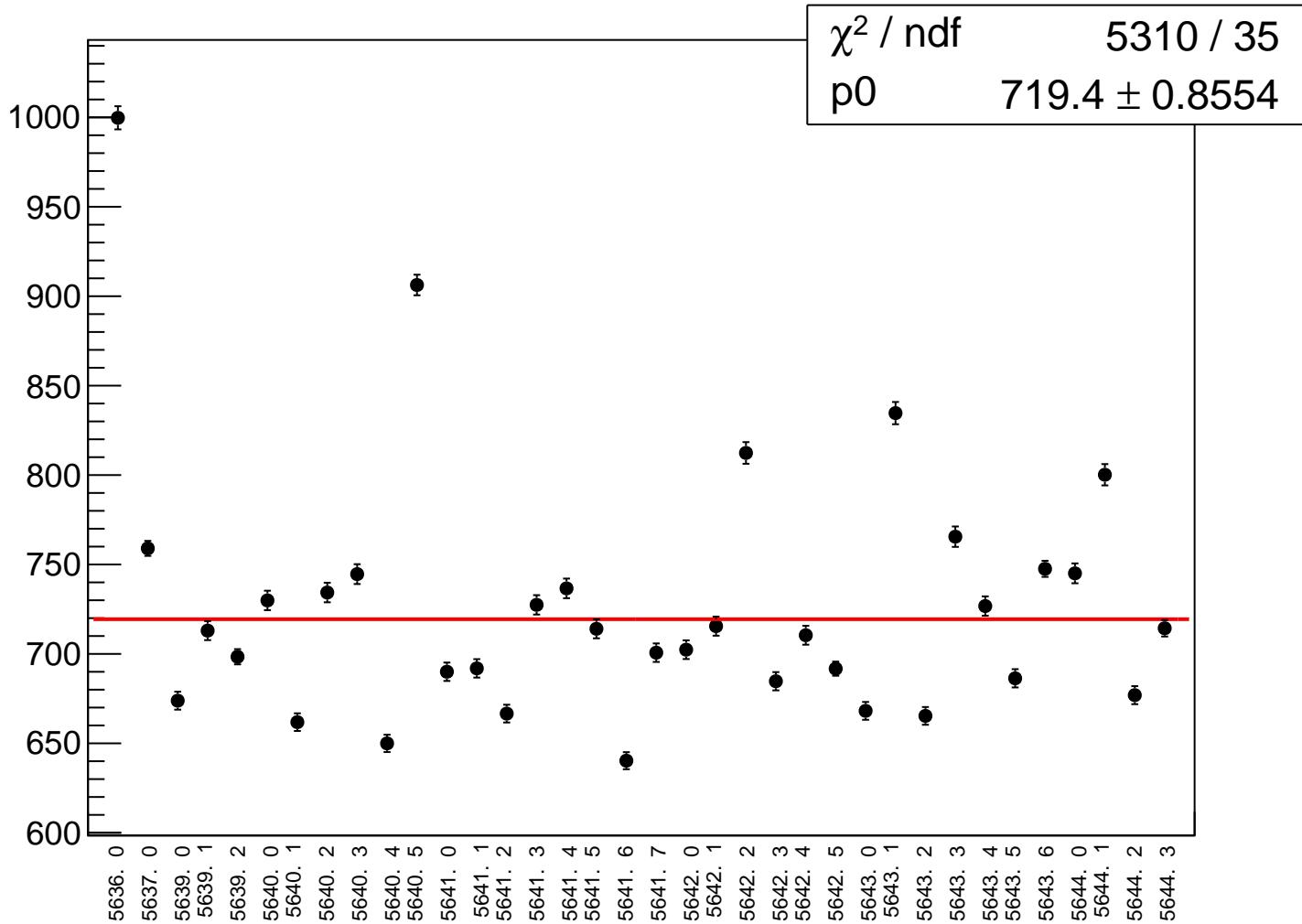
# diff\_bpm0I01Y\_rms vs run



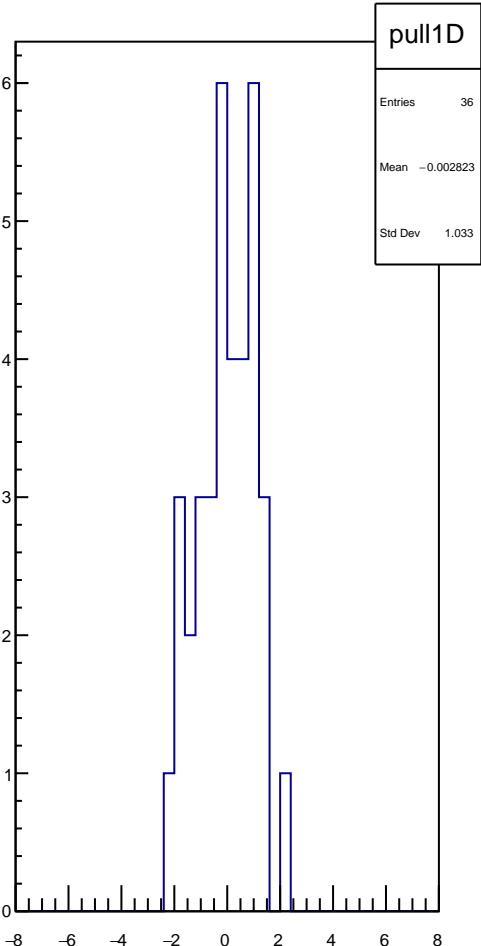
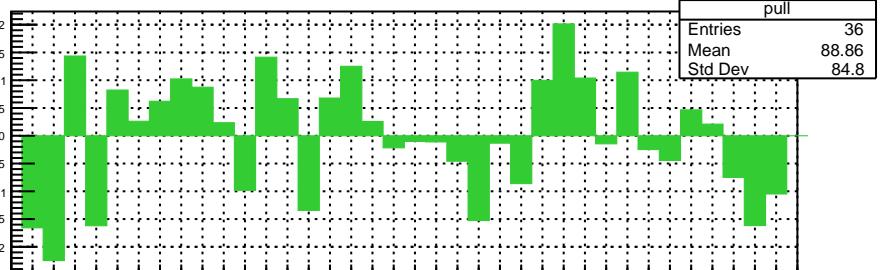
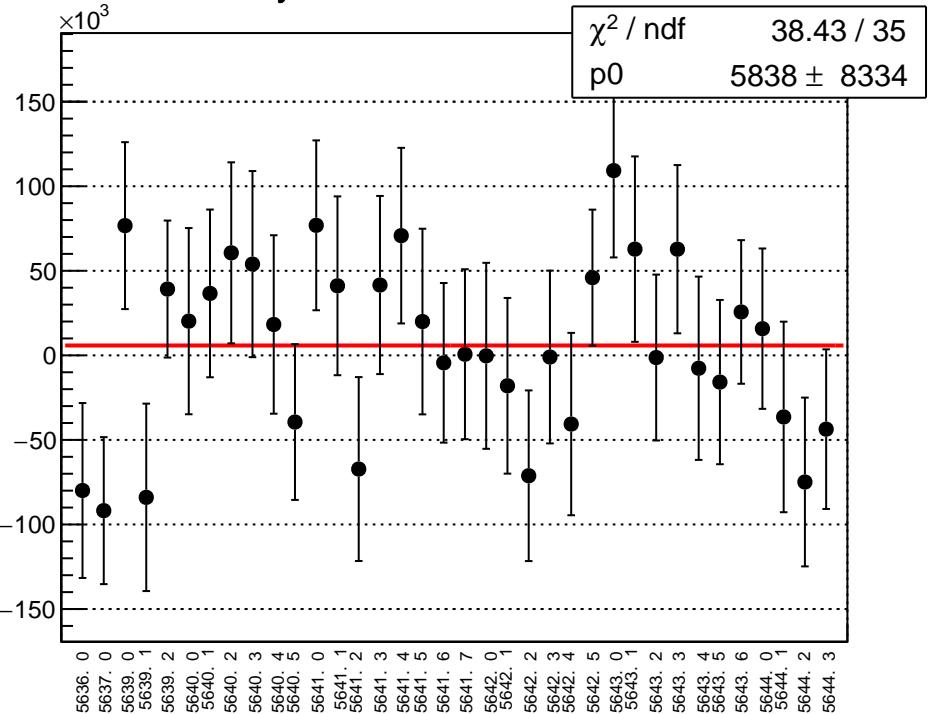
# asym\_sam1\_mean vs run



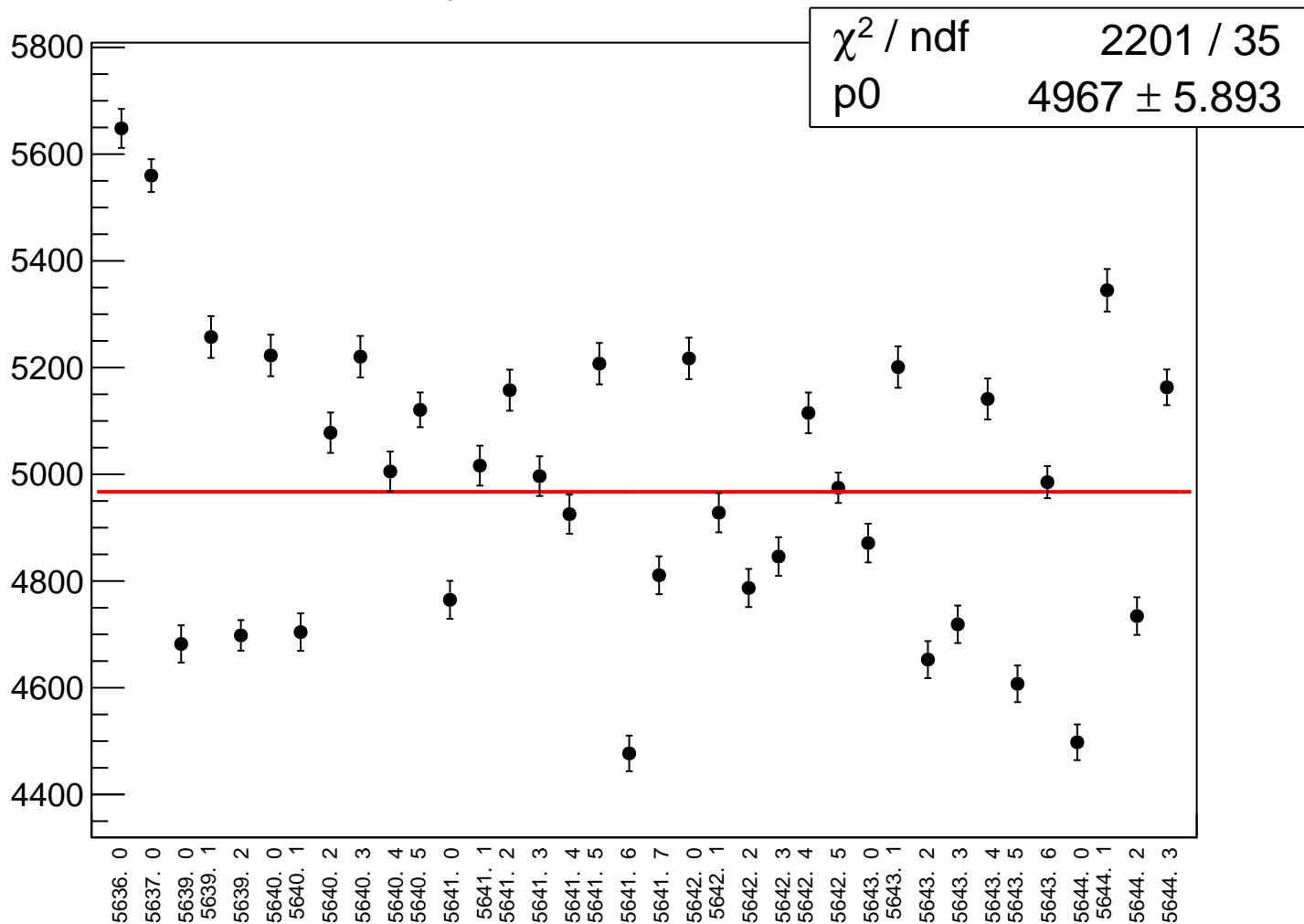
# asym\_sam1\_rms vs run



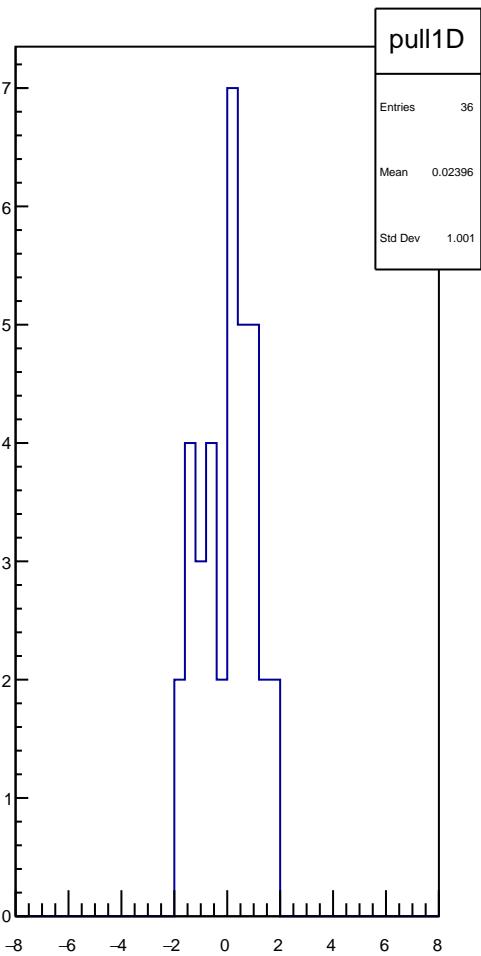
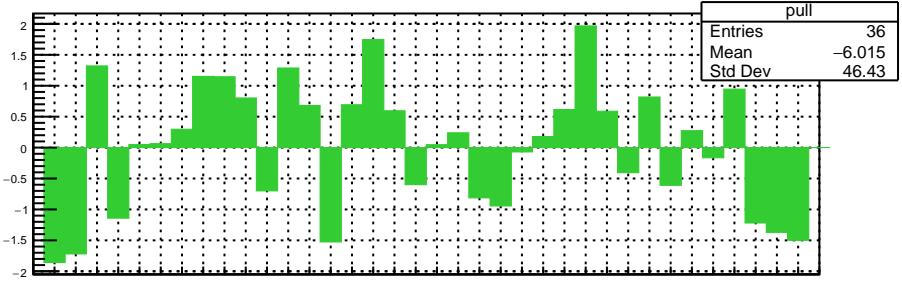
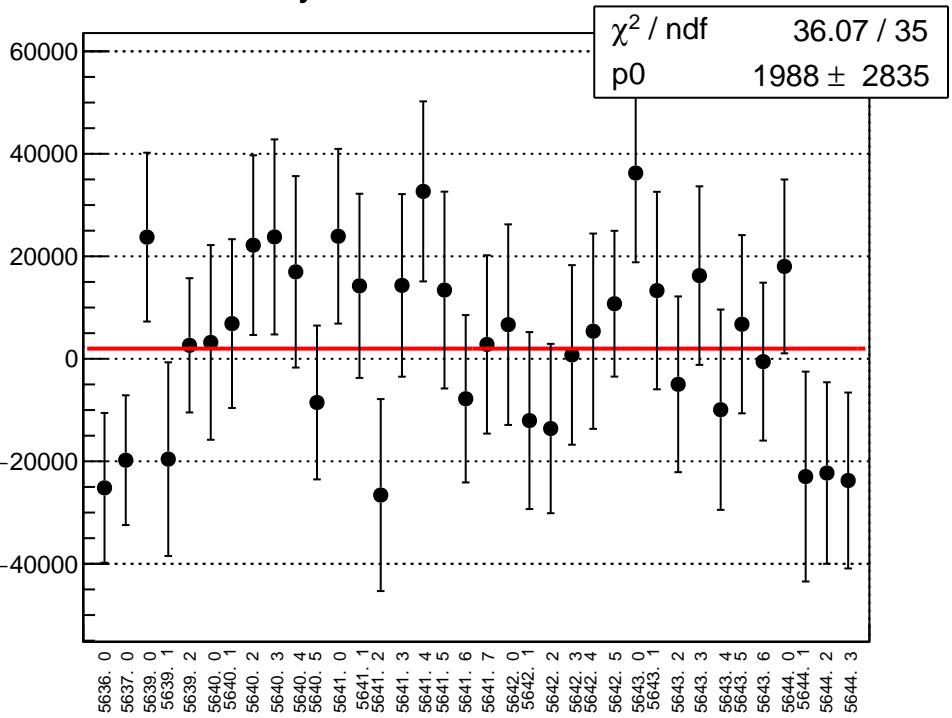
# asym\_sam2\_mean vs run



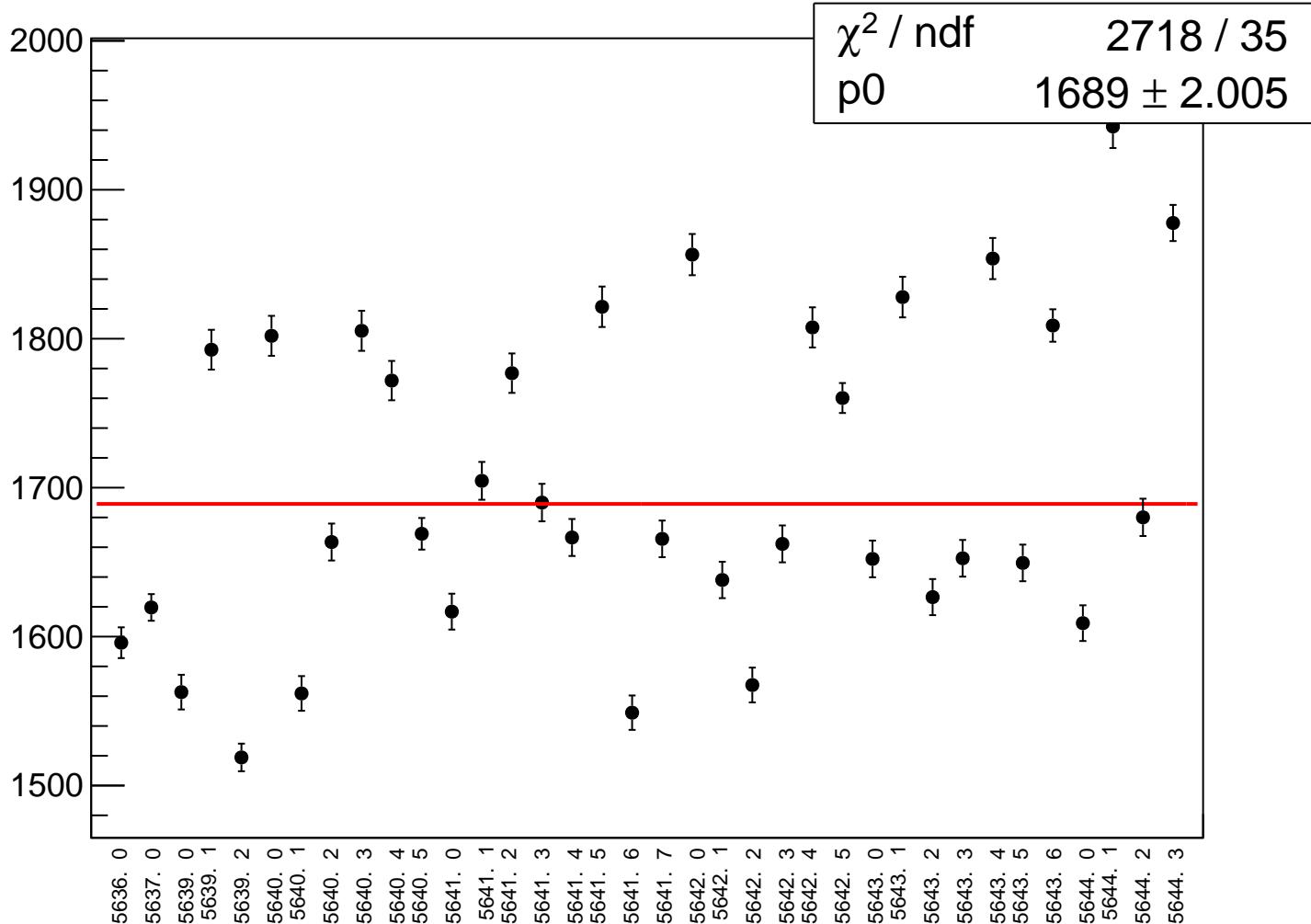
# asym\_sam2\_rms vs run



# asym\_sam3\_mean vs run

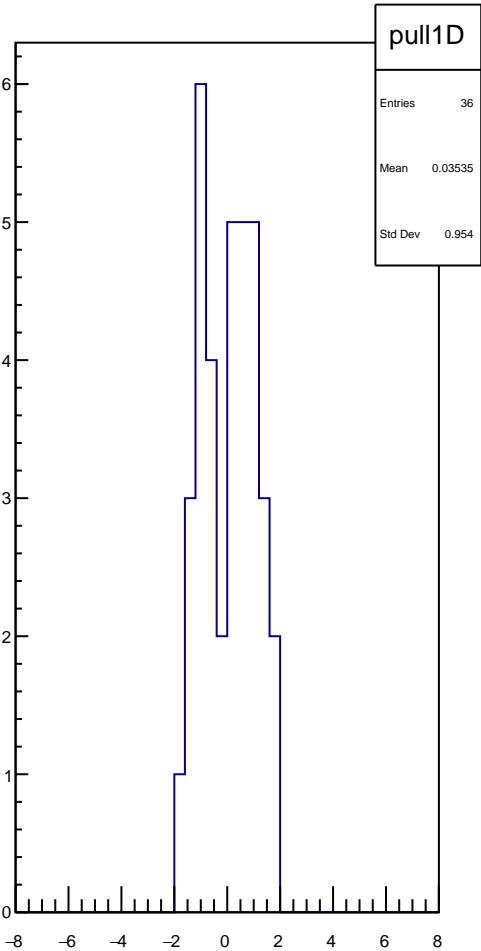
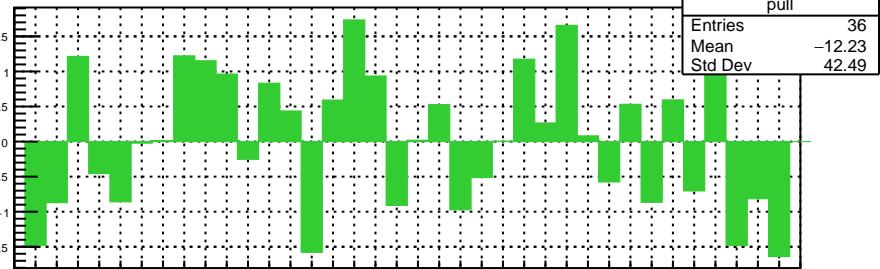
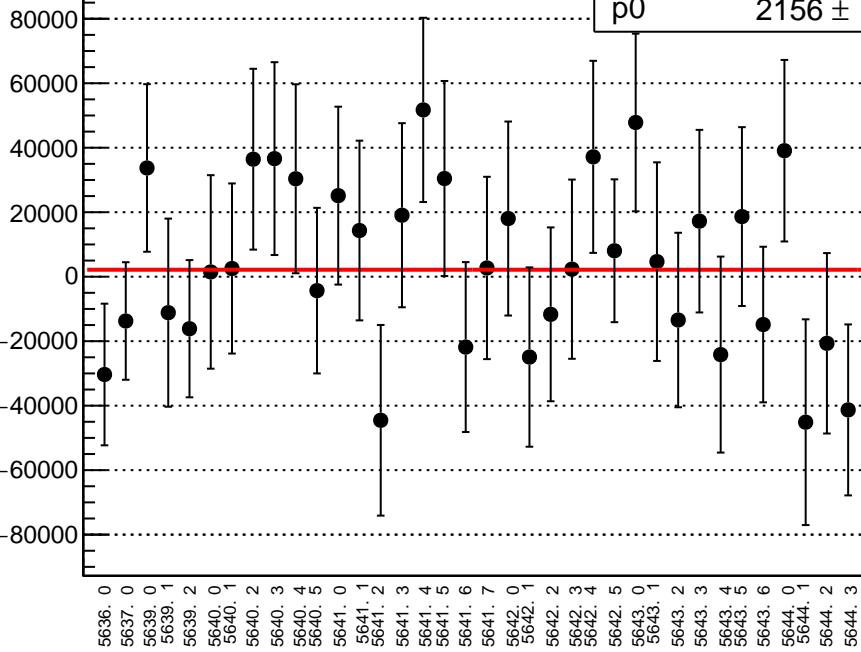


# asym\_sam3\_rms vs run

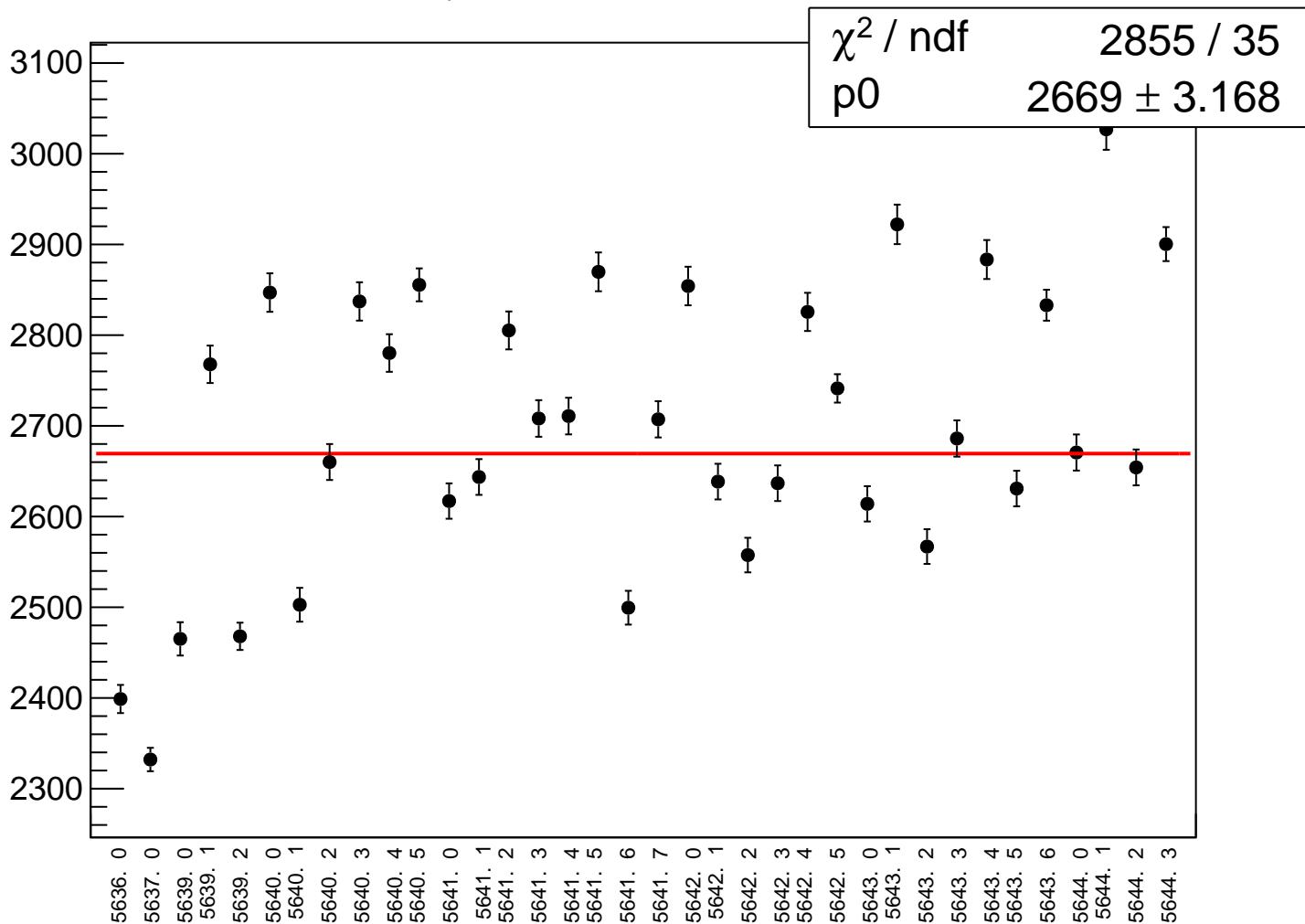


# asym\_sam4\_mean vs run

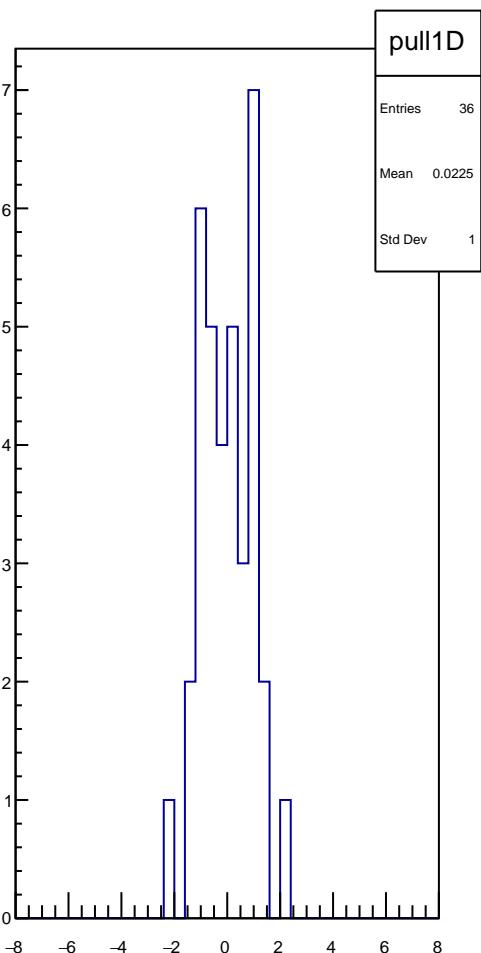
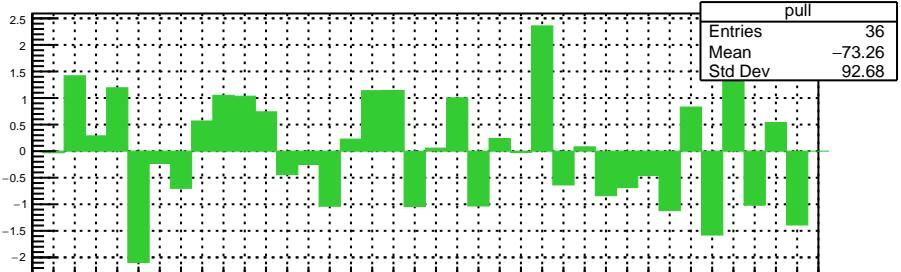
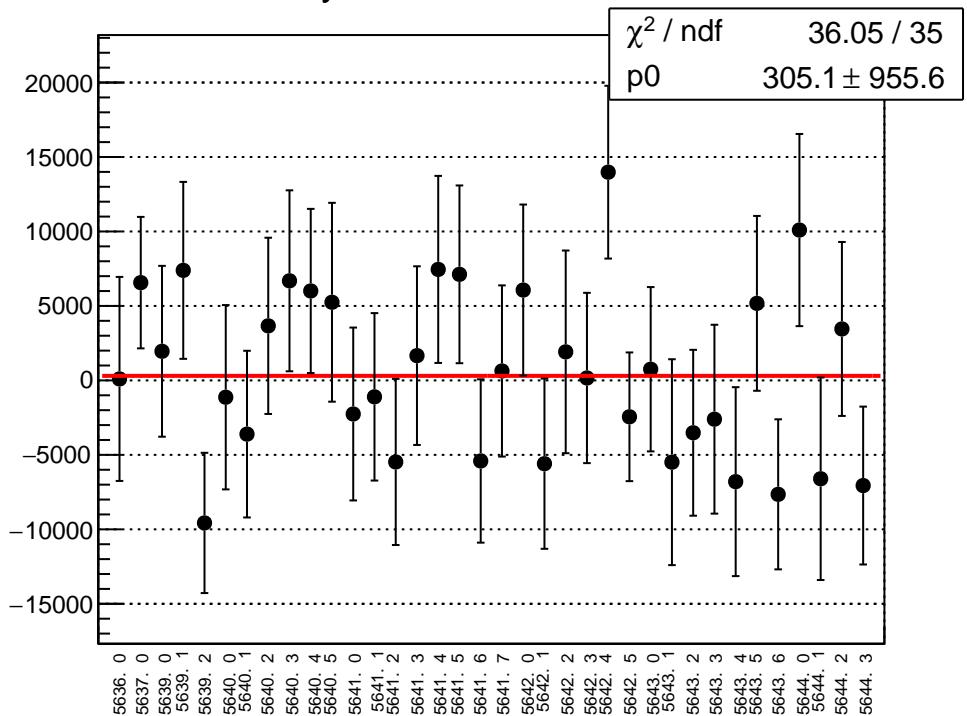
$\chi^2 / \text{ndf}$  32.81 / 35  
 $p0$   $2156 \pm 4481$



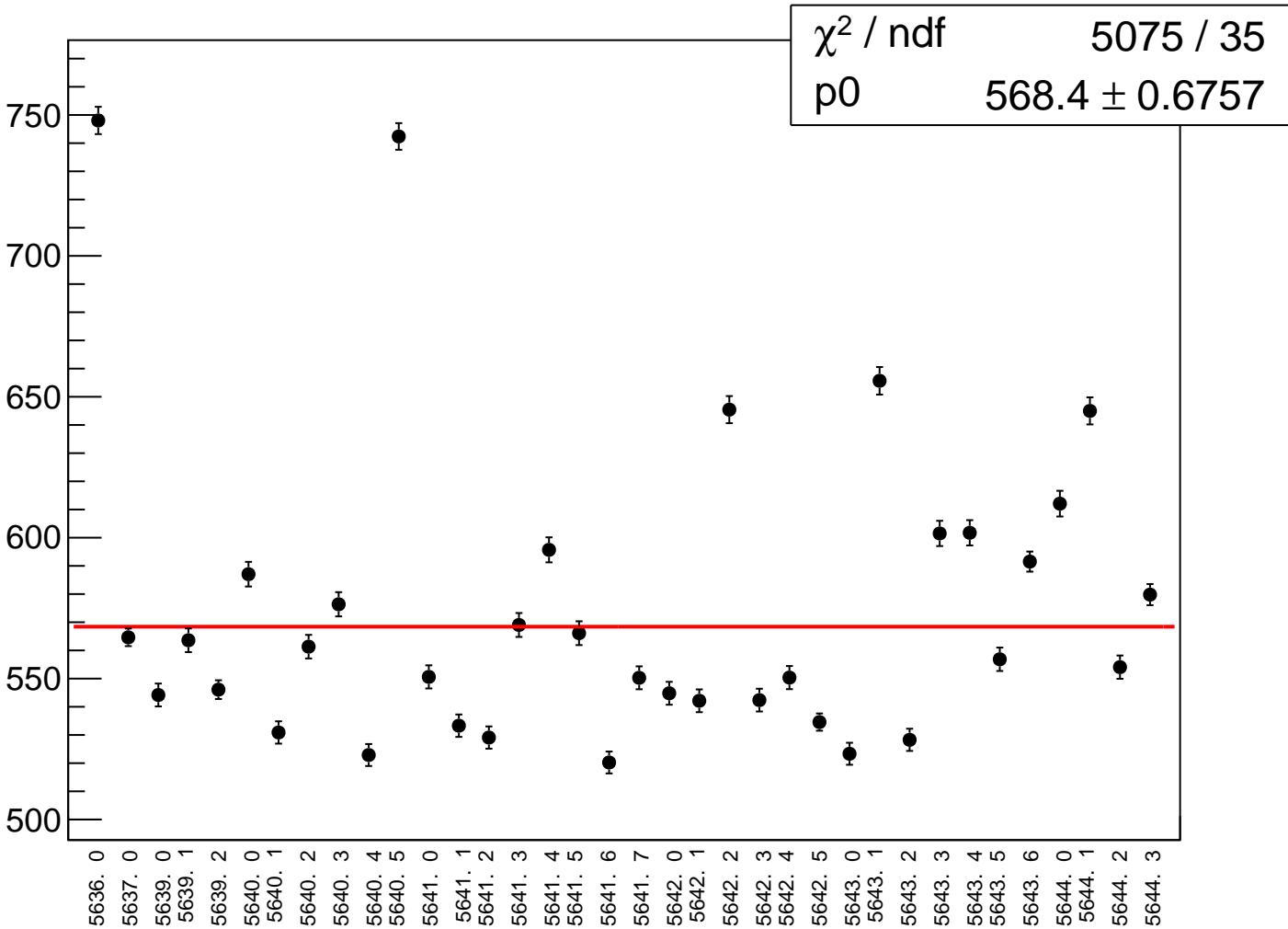
# asym\_sam4\_rms vs run



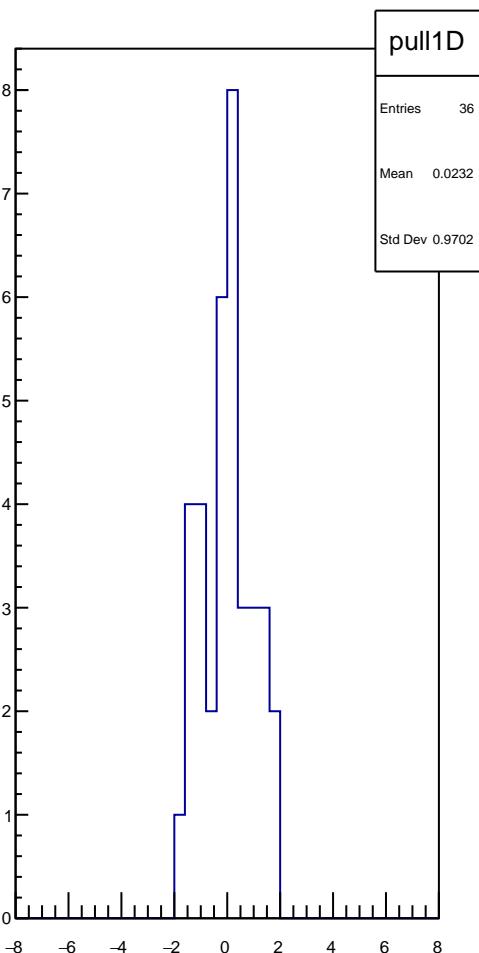
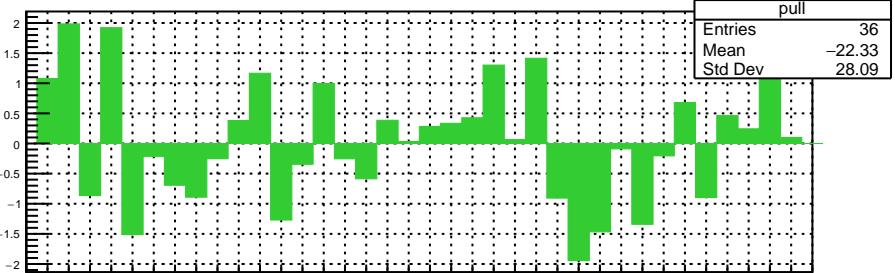
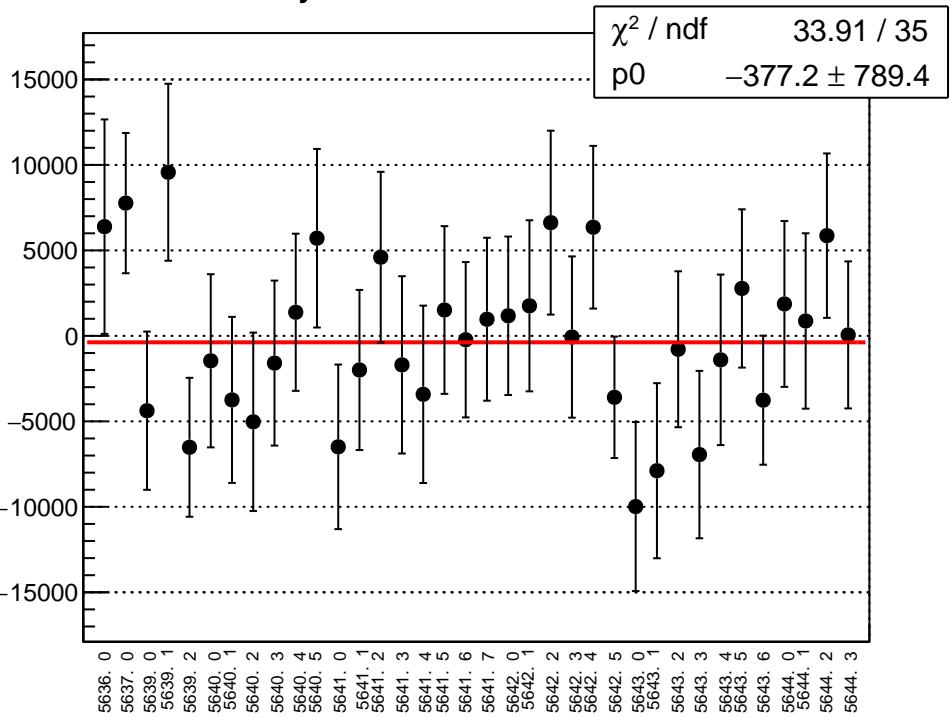
# asym\_sam5\_mean vs run



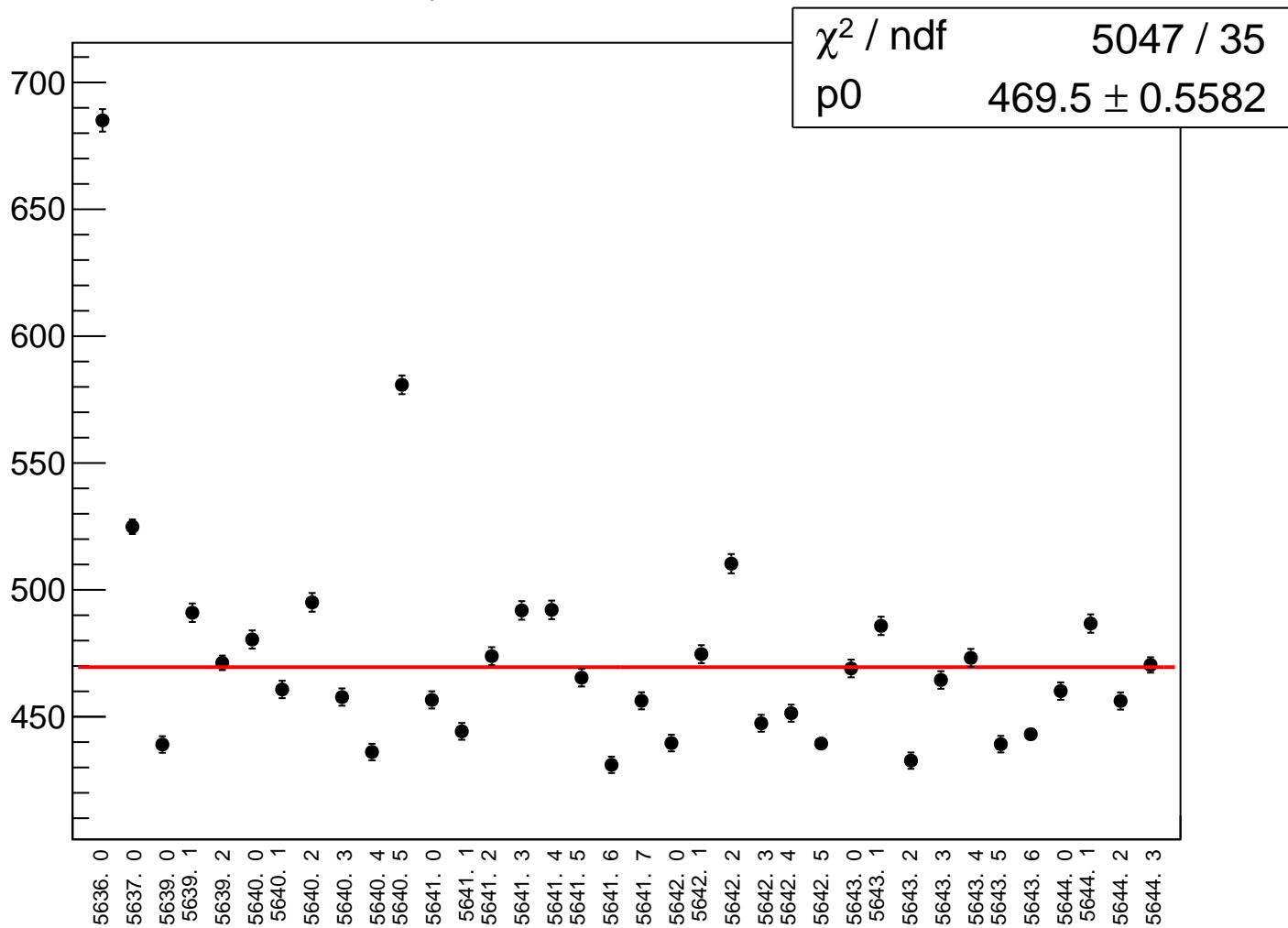
# asym\_sam5\_rms vs run



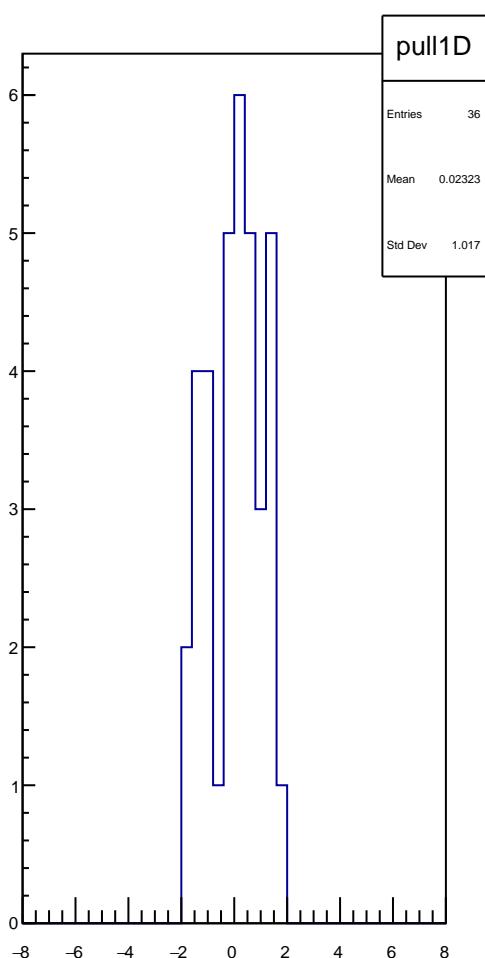
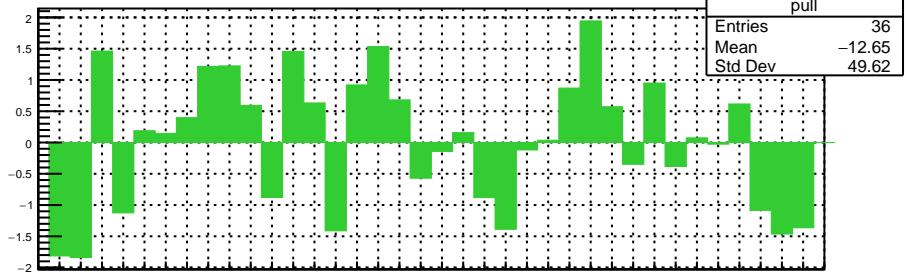
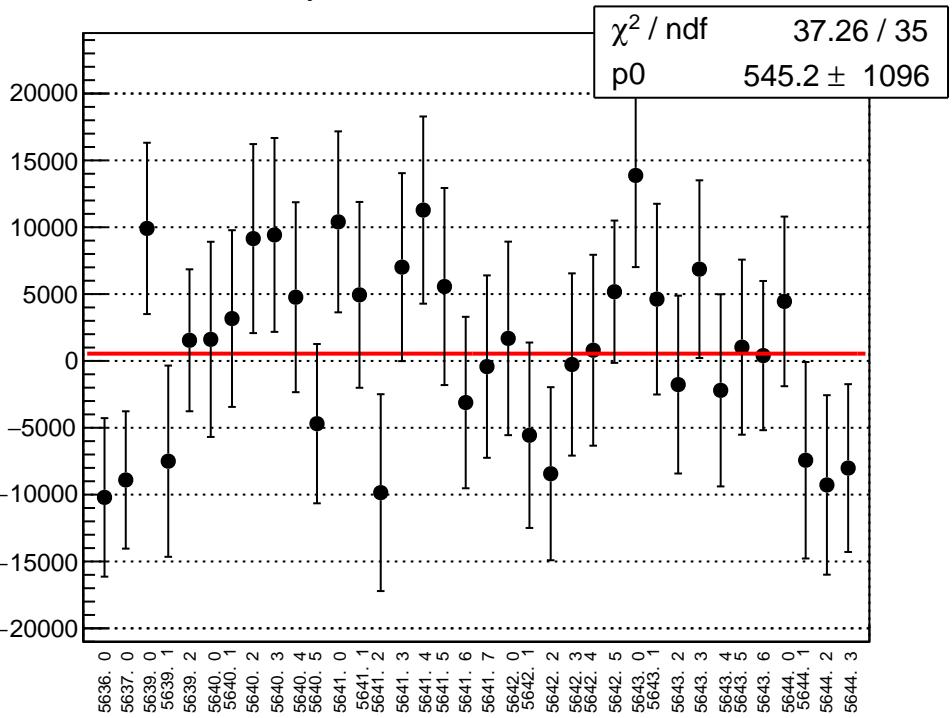
# asym\_sam6\_mean vs run



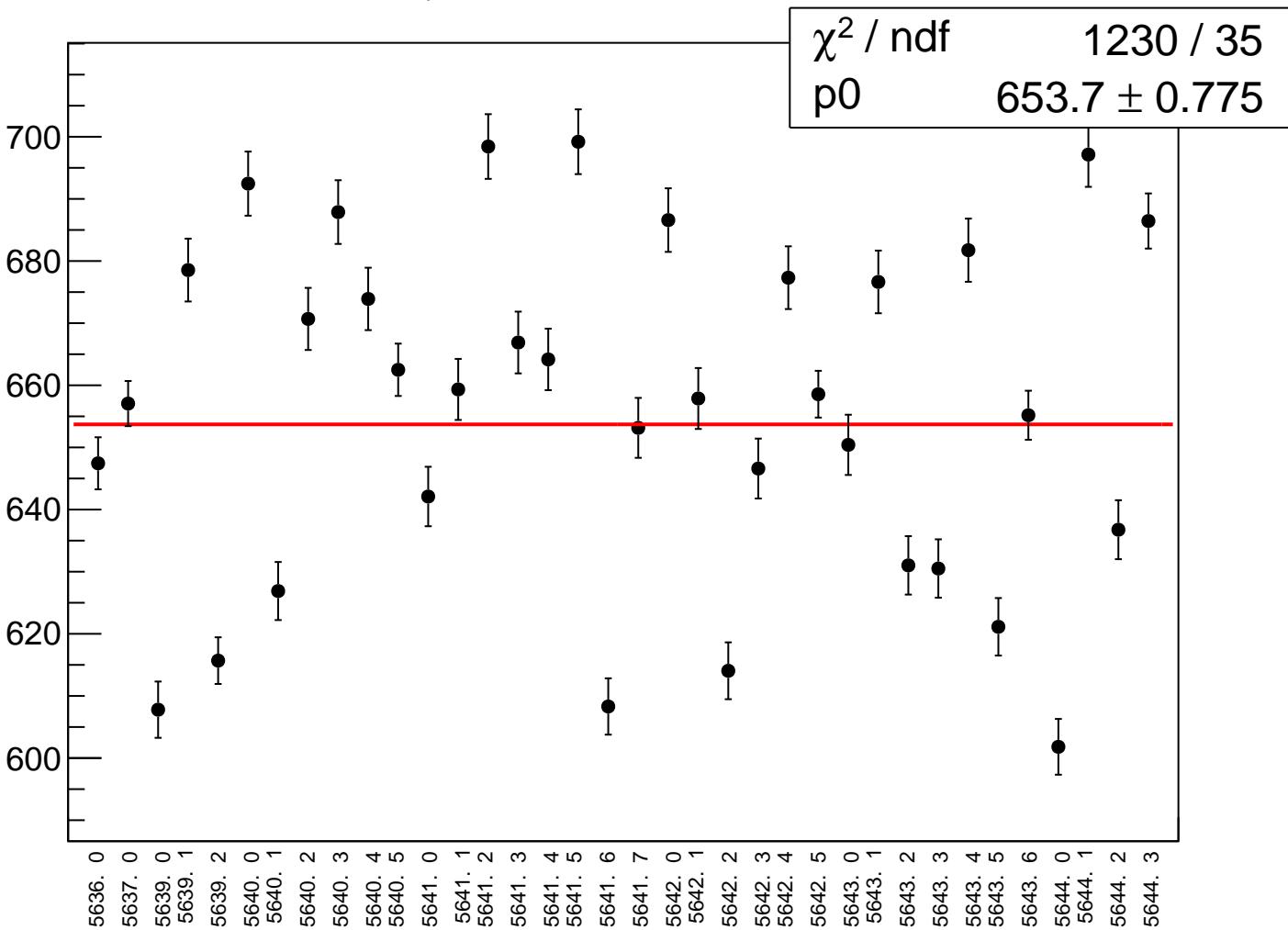
# asym\_sam6\_rms vs run



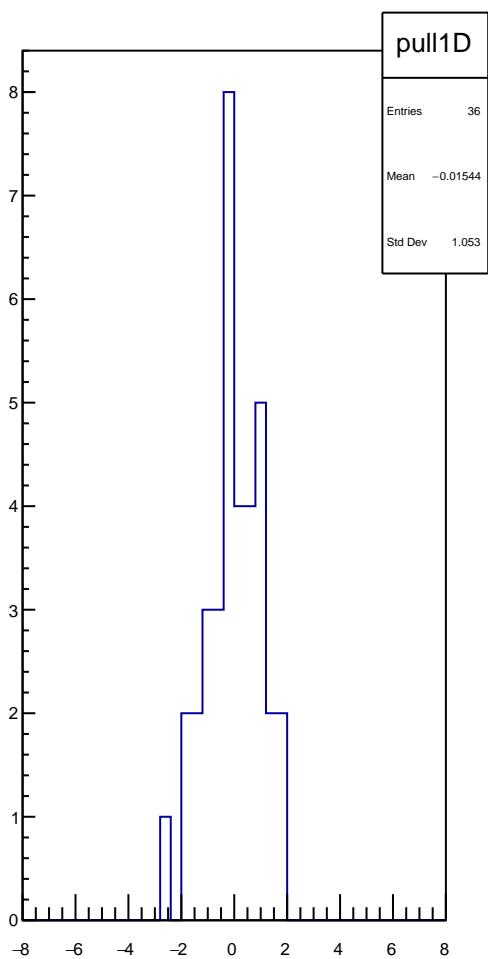
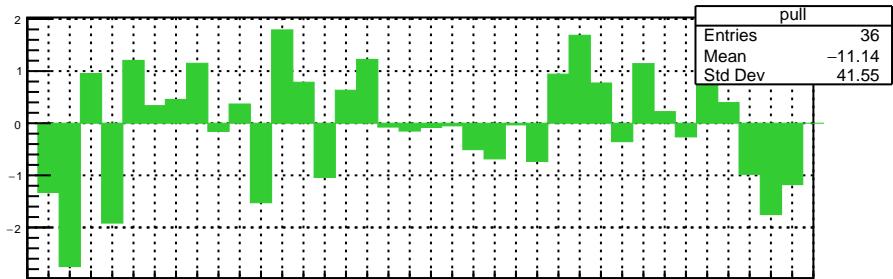
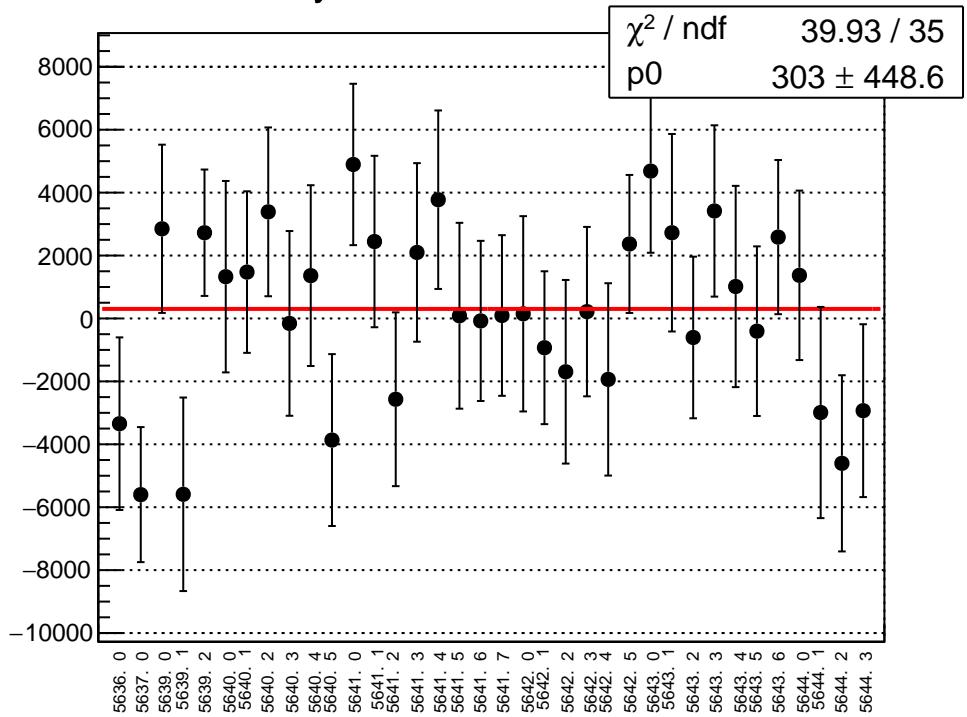
# asym\_sam7\_mean vs run



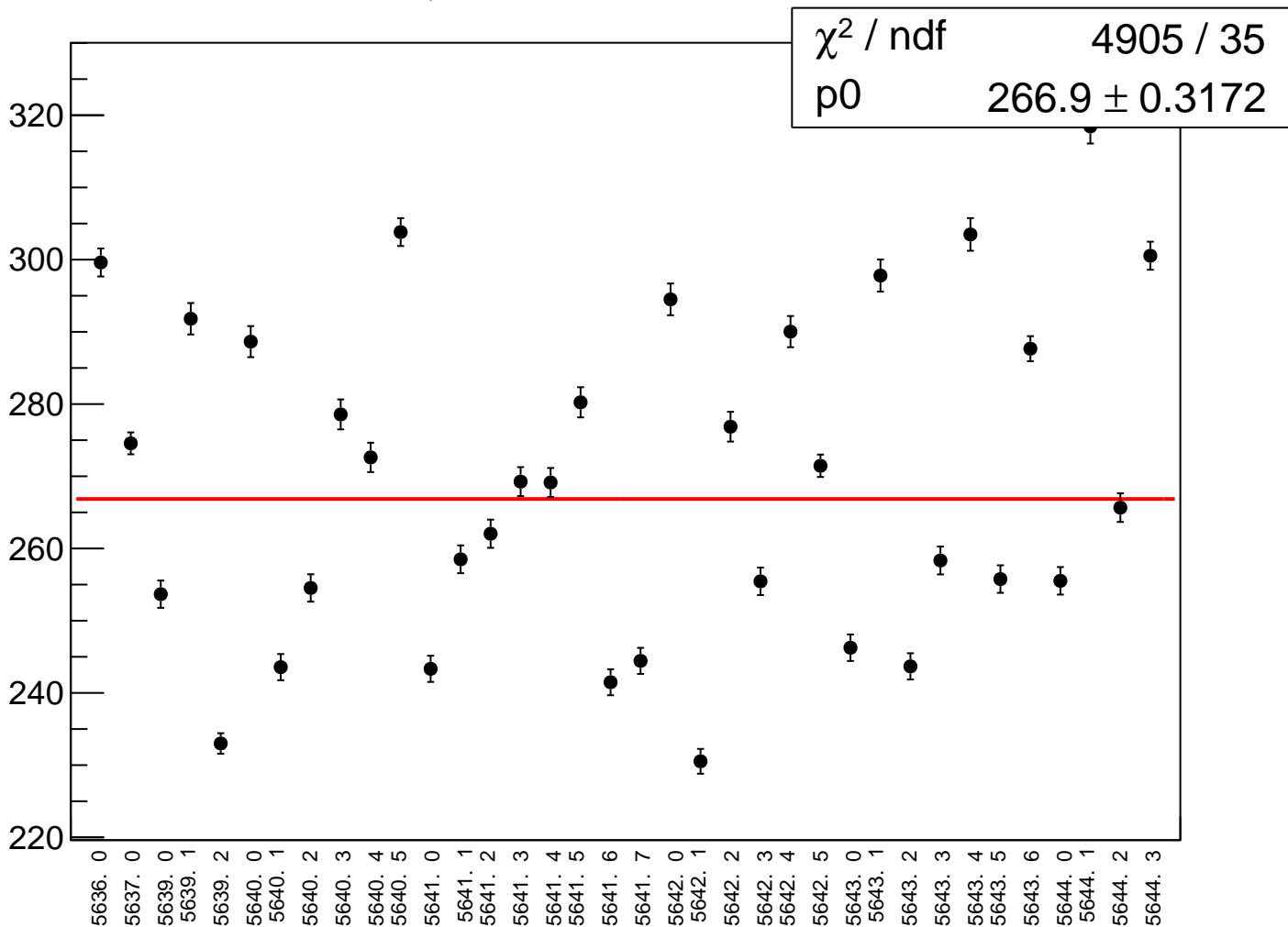
# asym\_sam7\_rms vs run



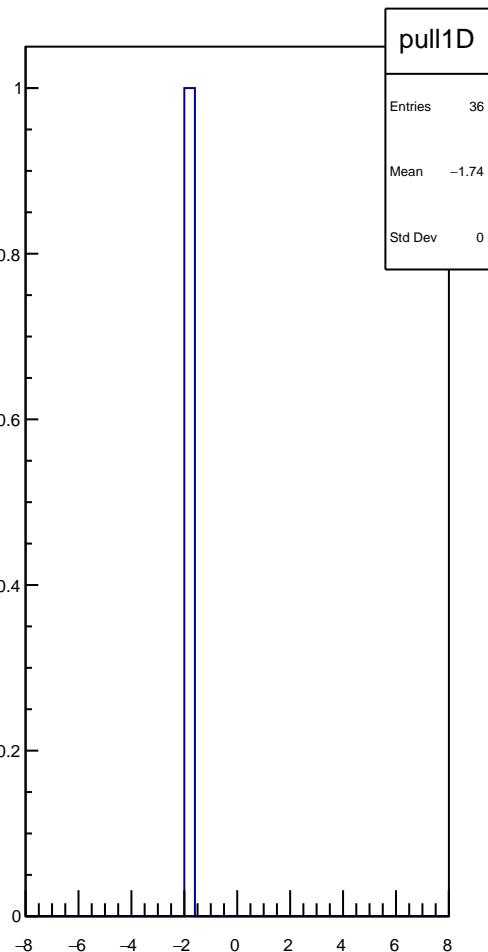
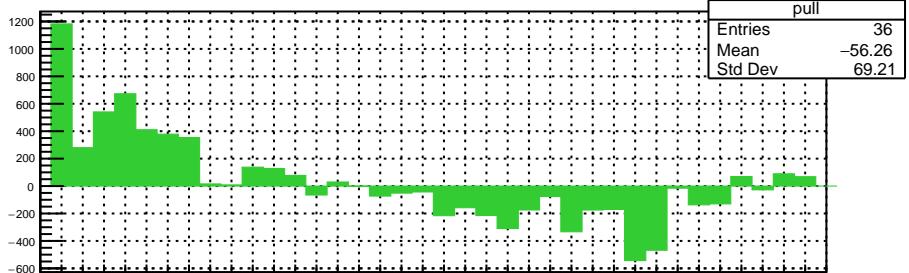
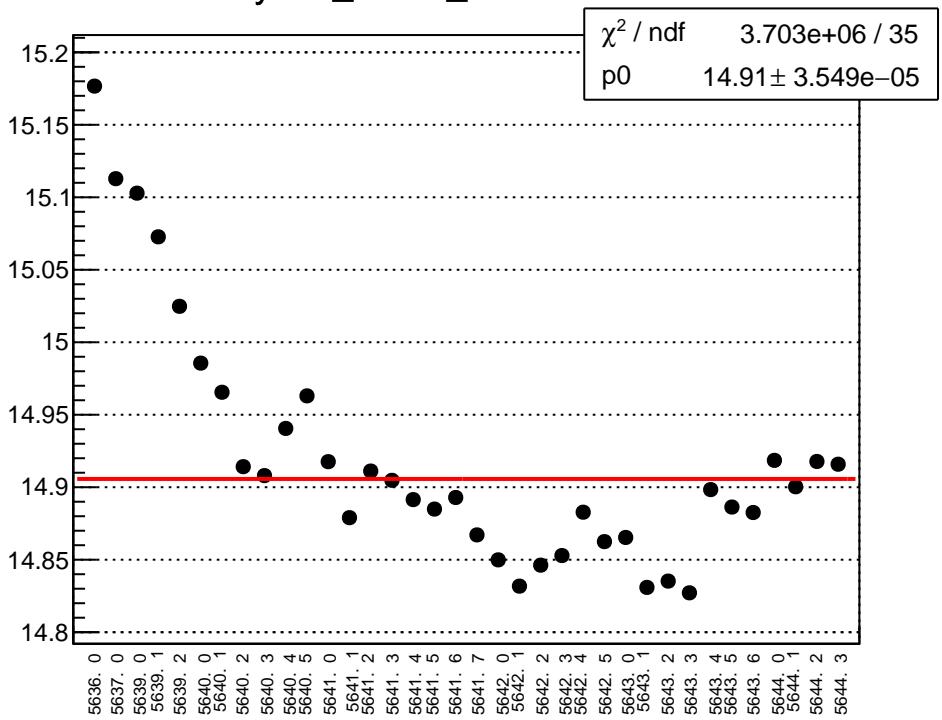
# asym\_sam8\_mean vs run



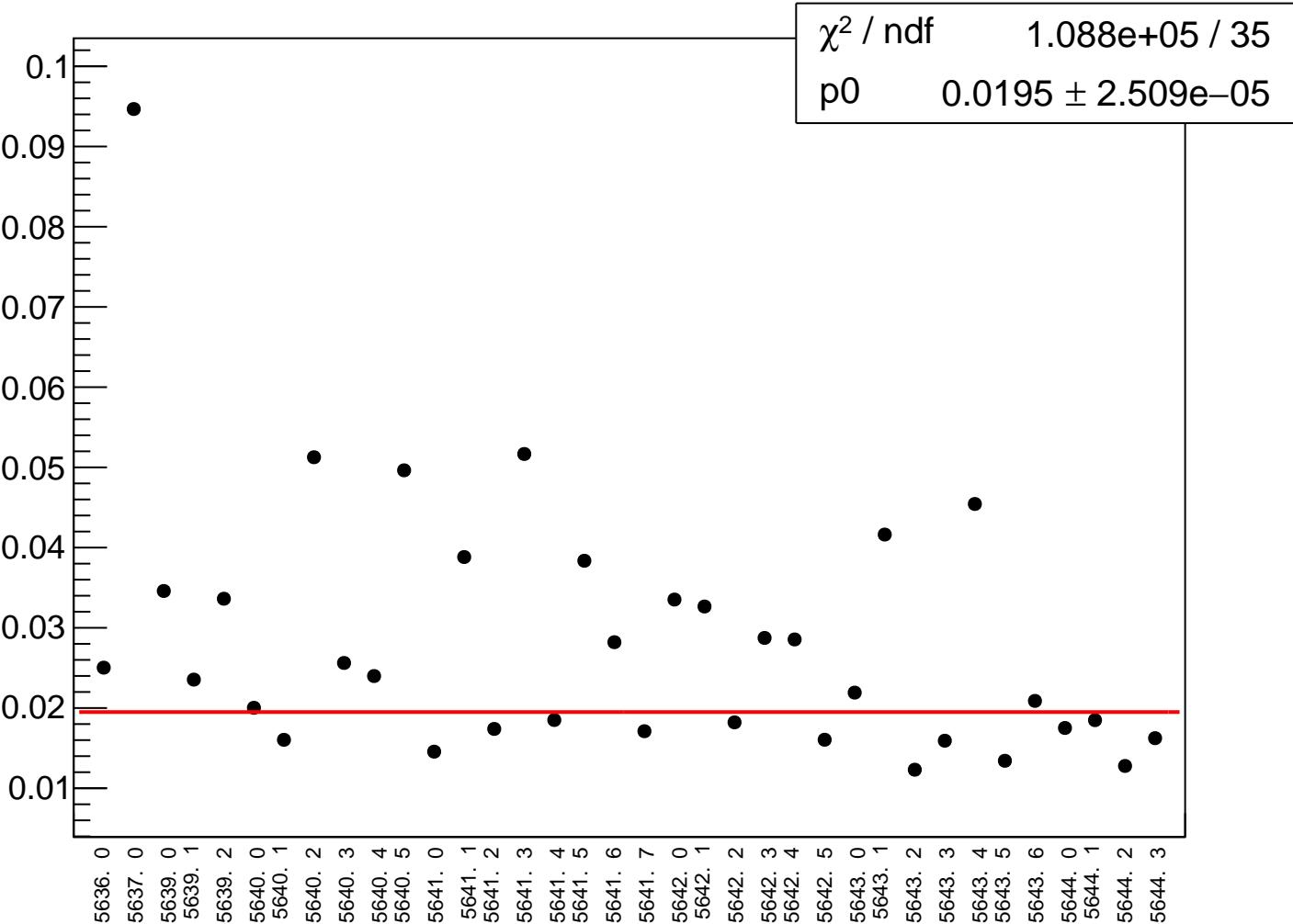
# asym\_sam8\_rms vs run



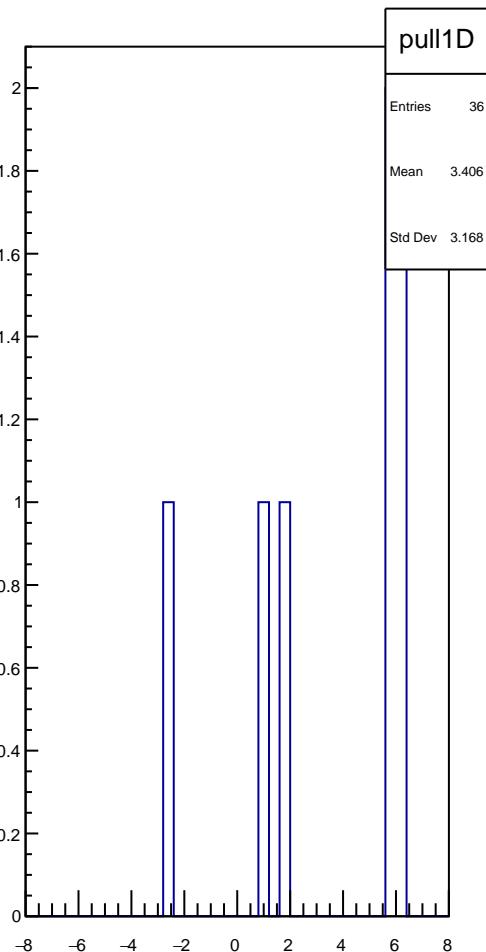
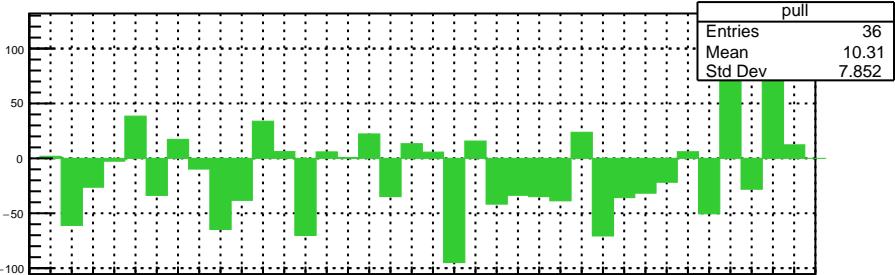
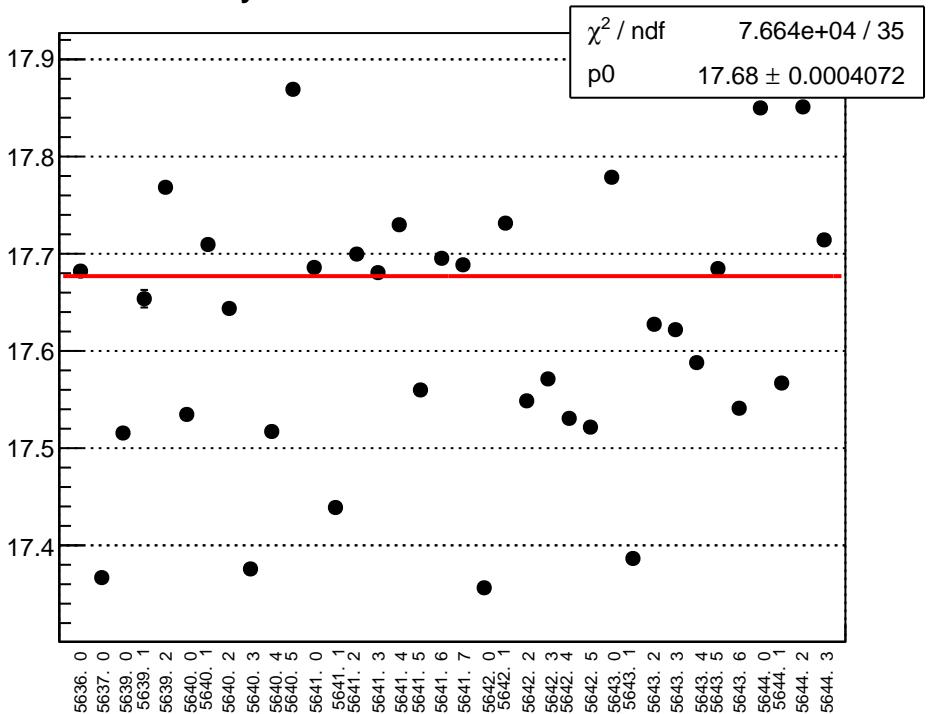
# yield\_sam1\_mean vs run



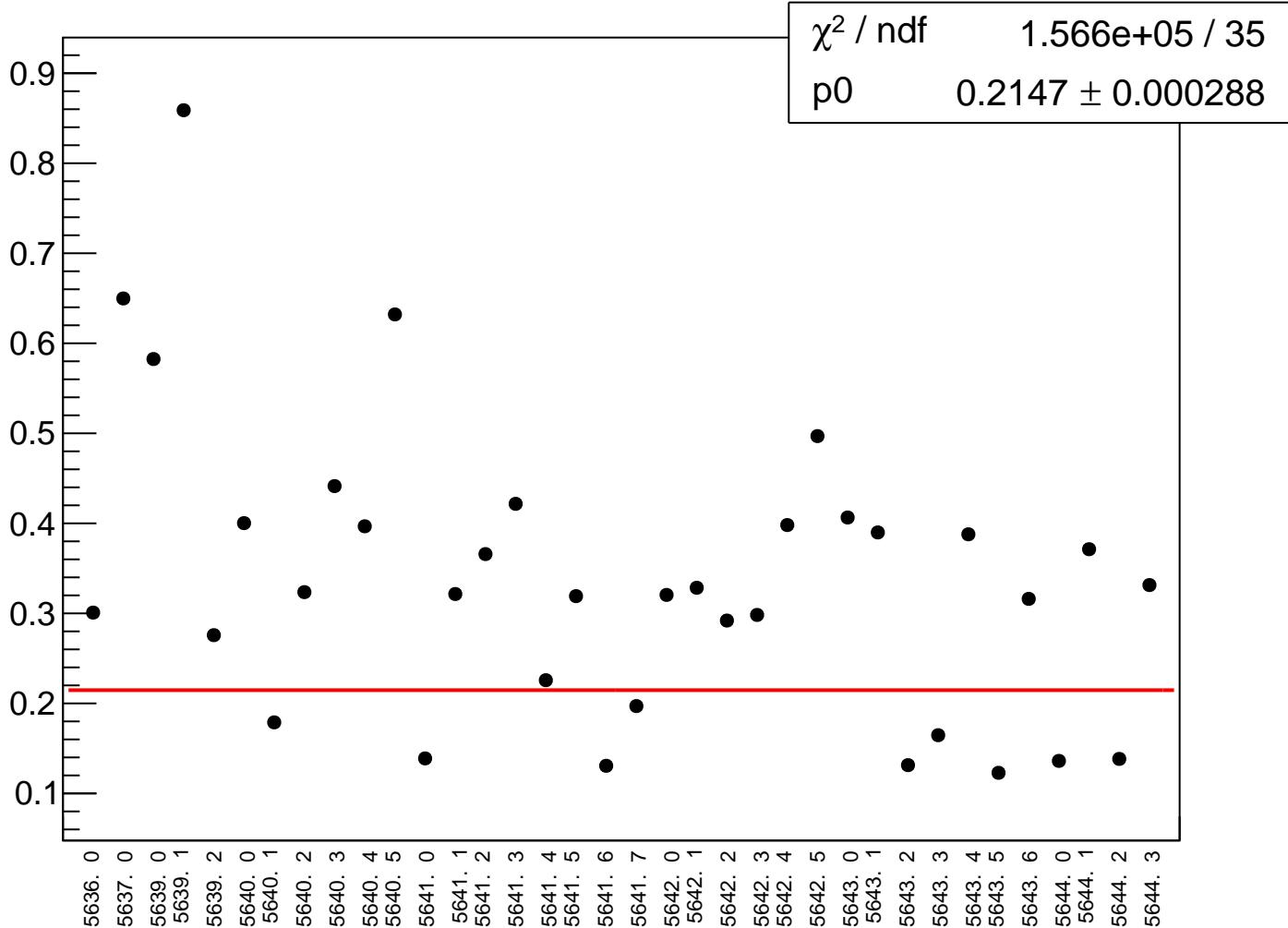
# yield\_sam1\_rms vs run



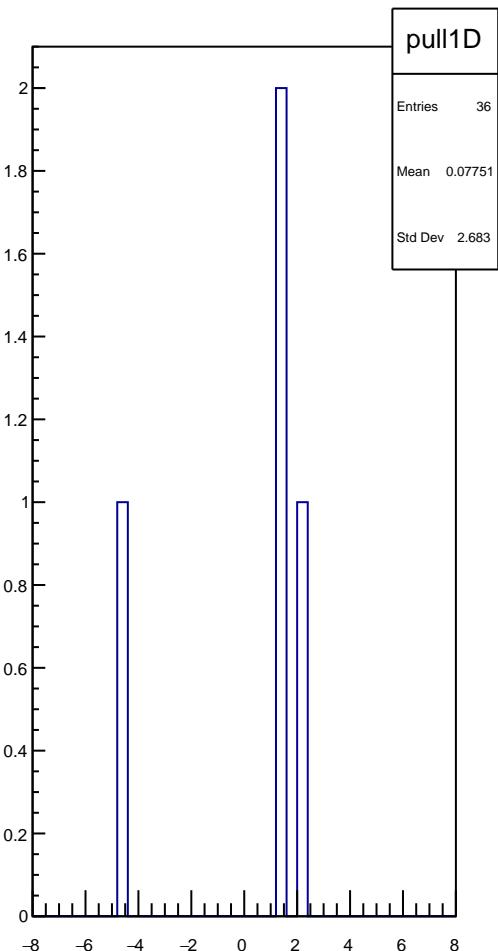
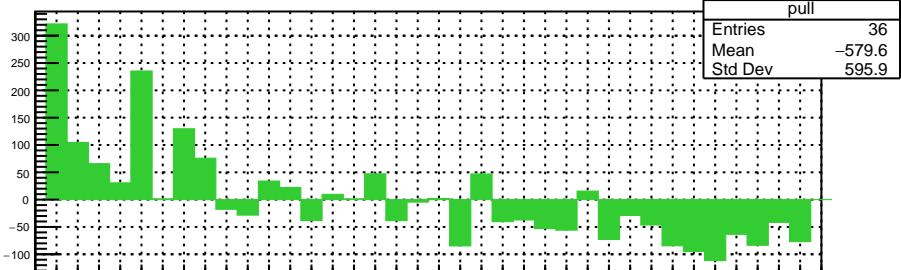
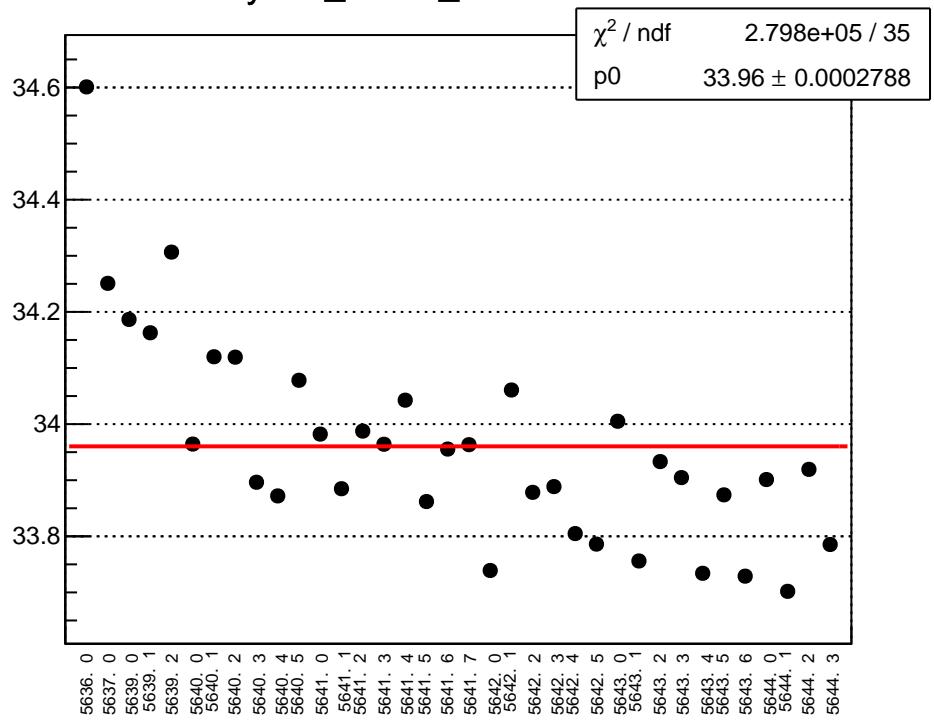
# yield\_sam2\_mean vs run



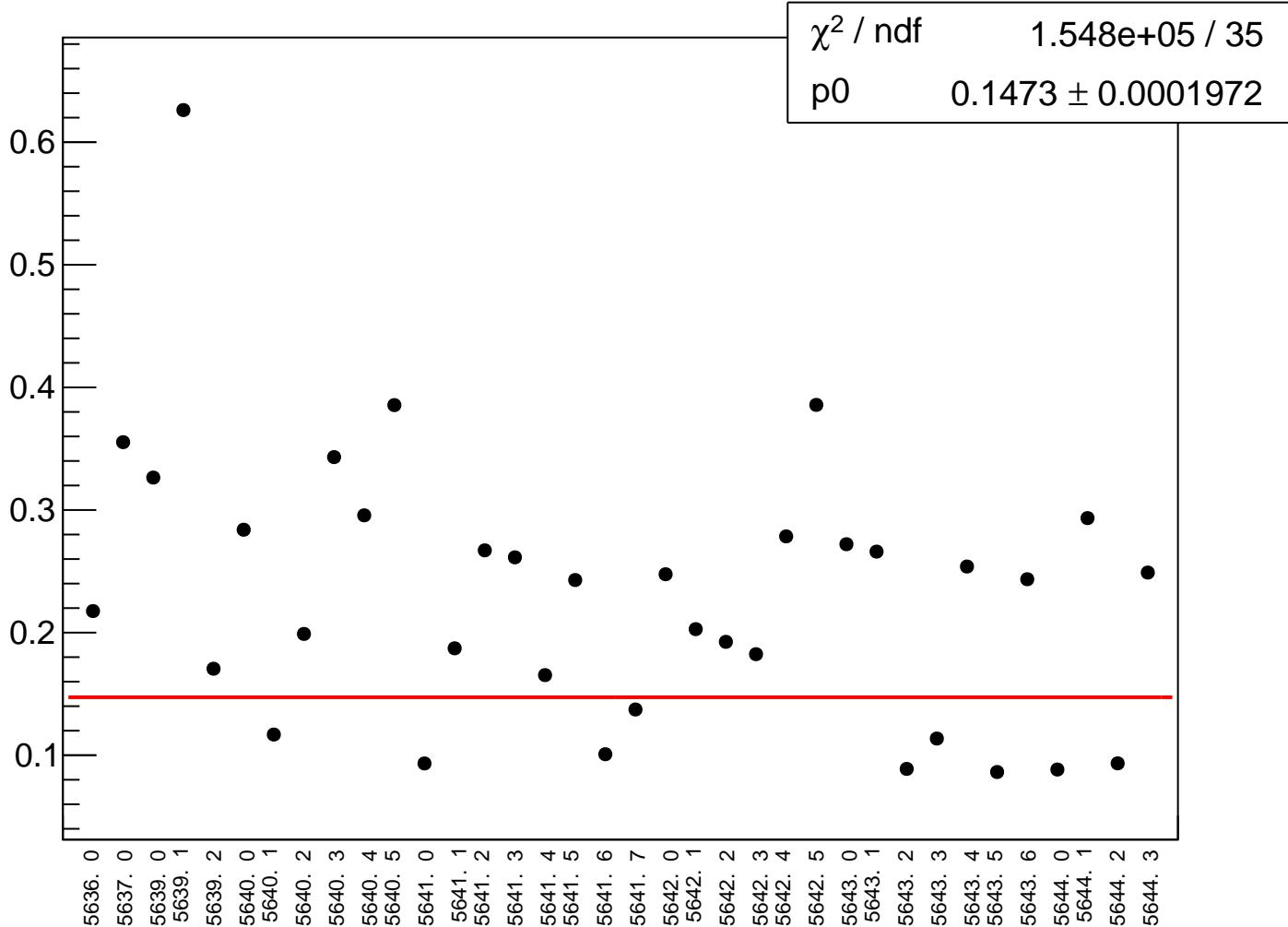
# yield\_sam2\_rms vs run



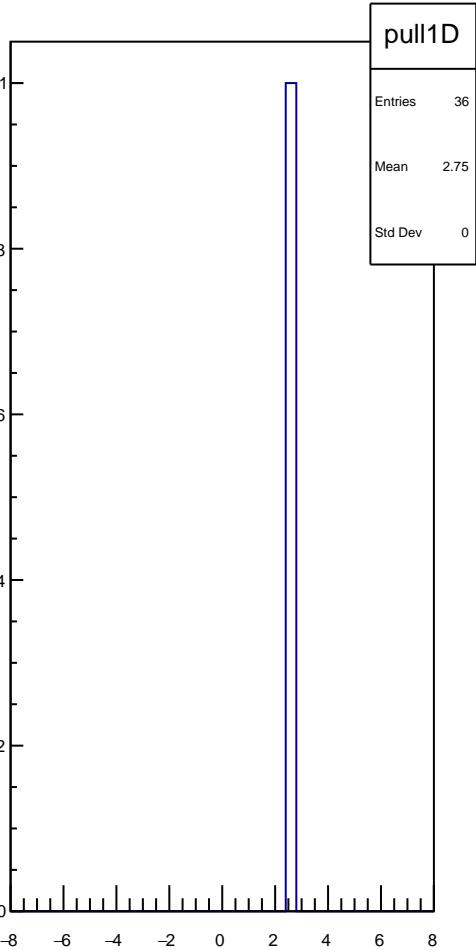
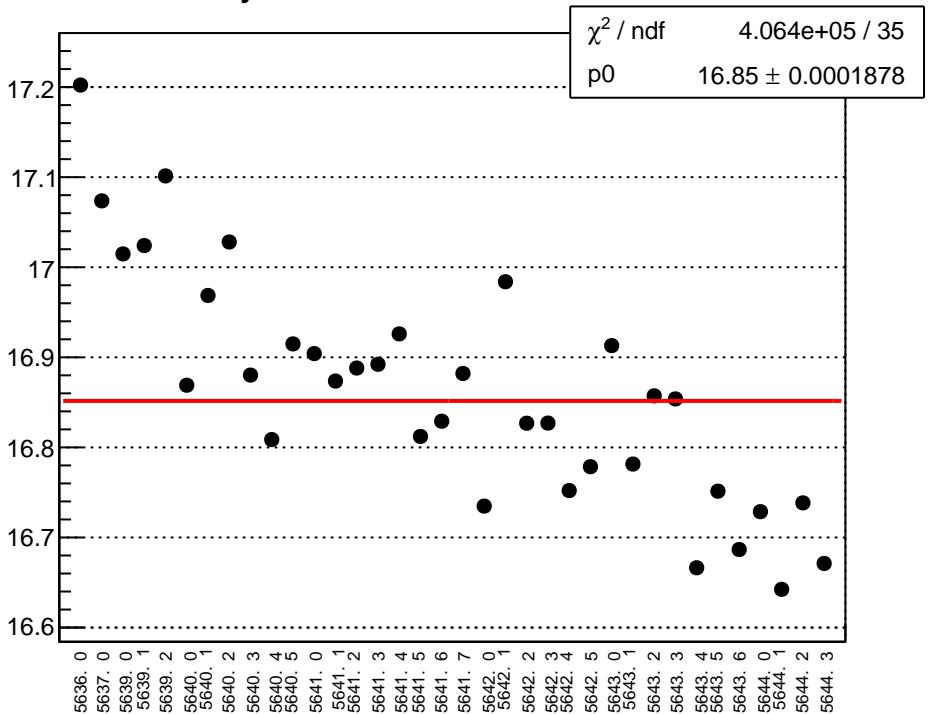
# yield\_sam3\_mean vs run



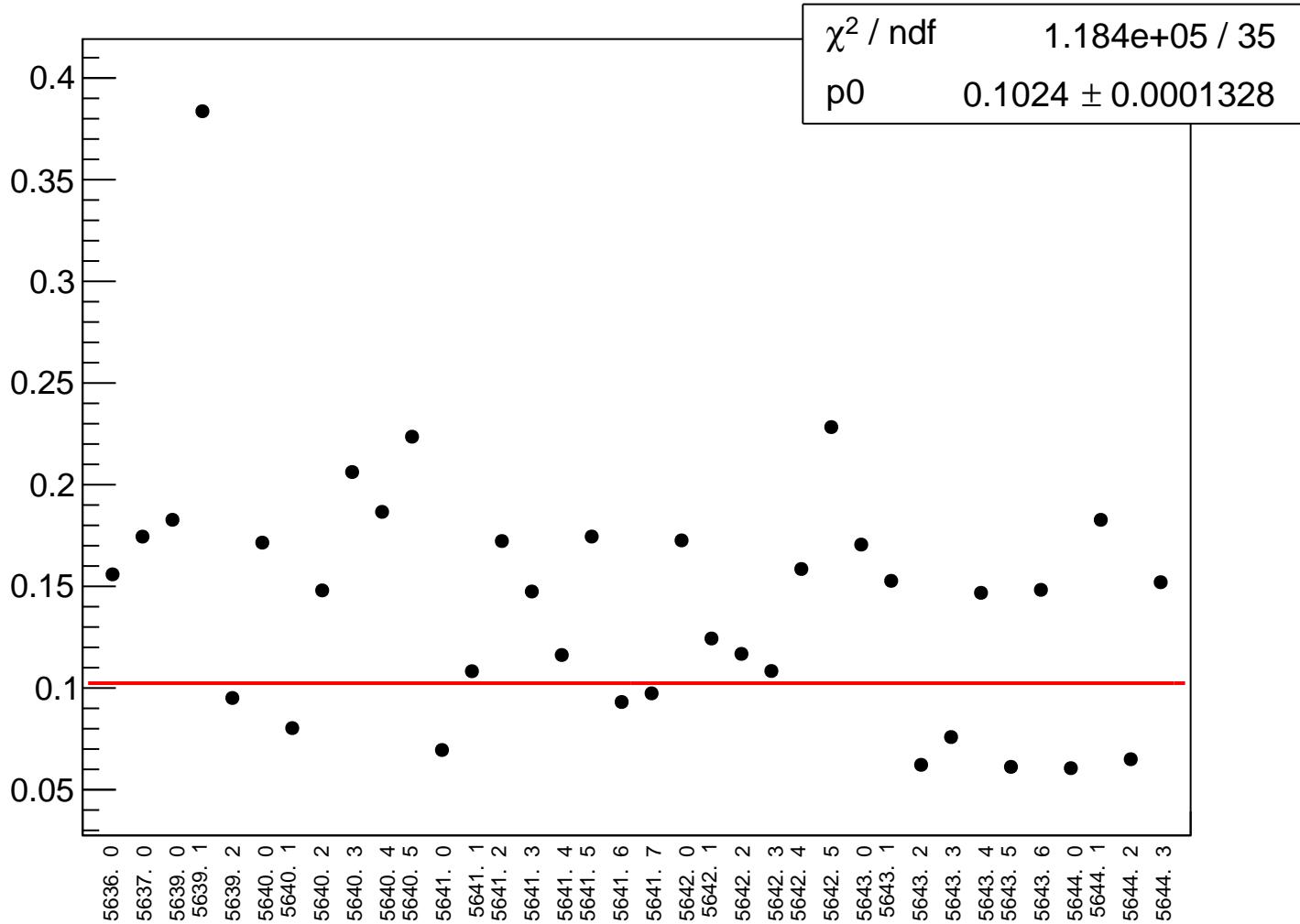
# yield\_sam3\_rms vs run



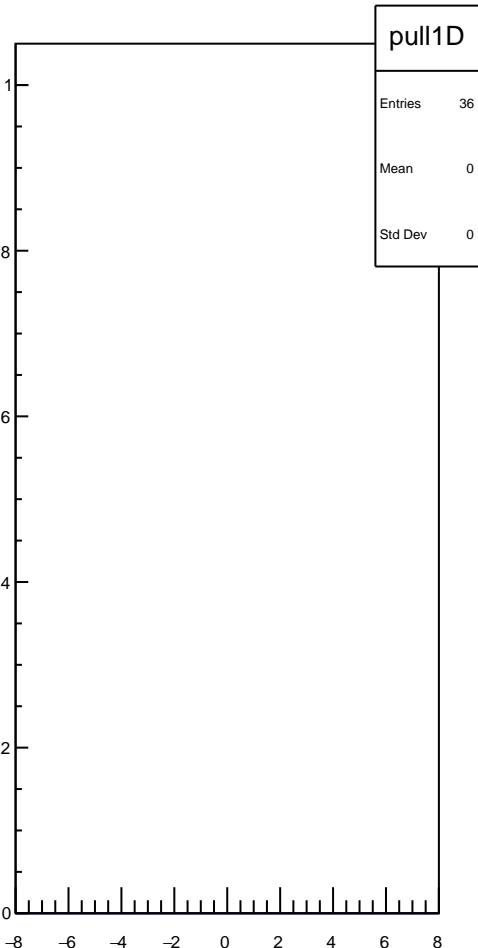
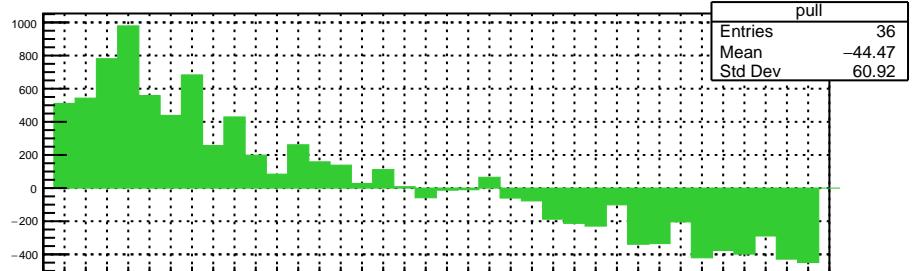
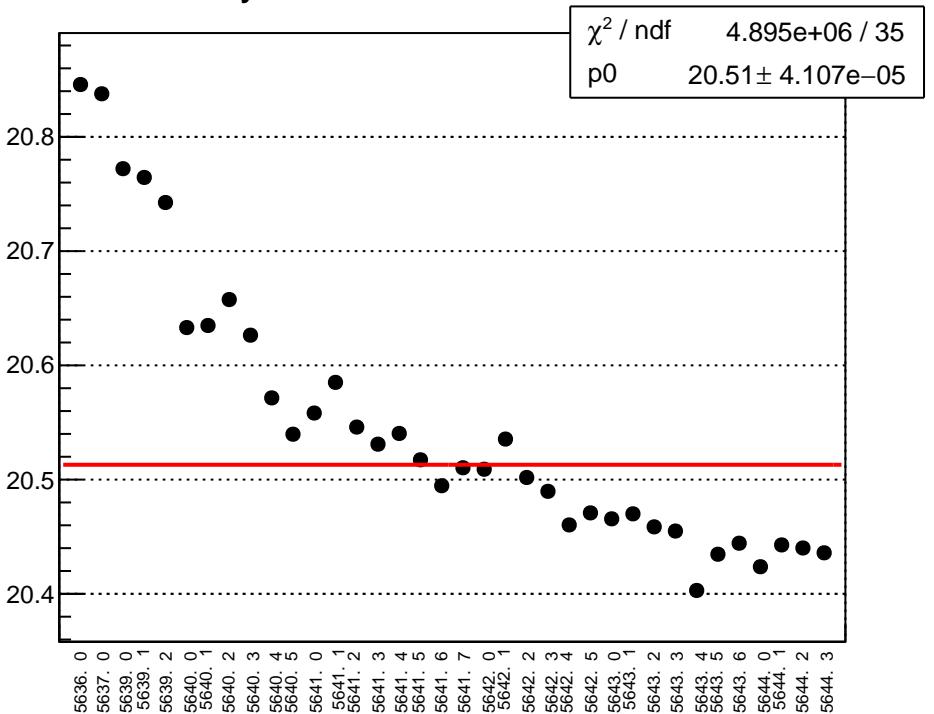
# yield\_sam4\_mean vs run



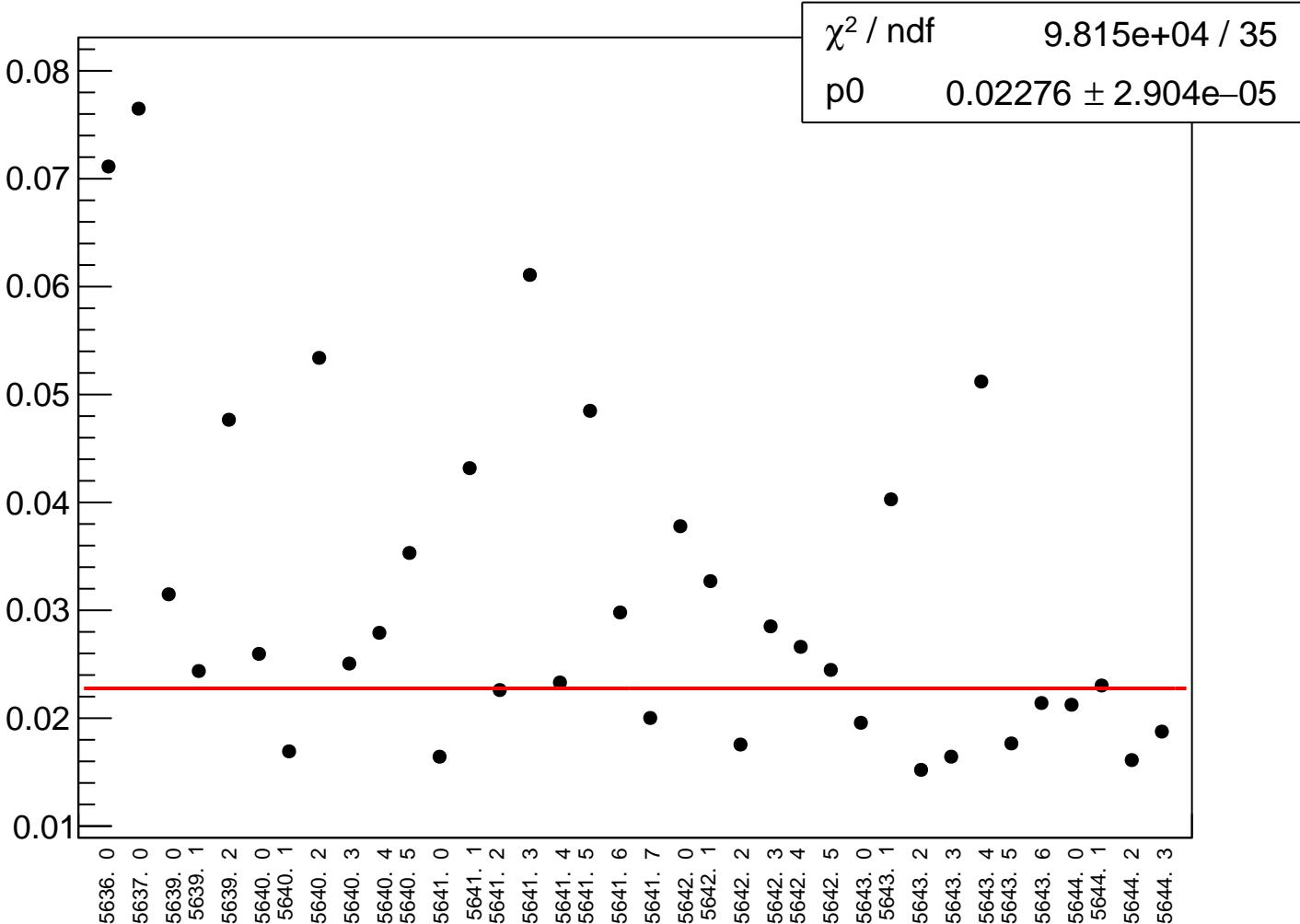
# yield\_sam4\_rms vs run



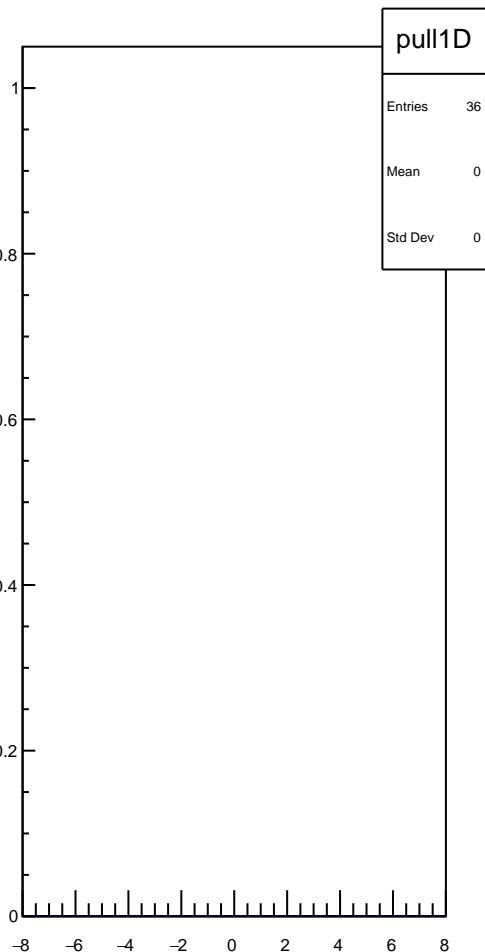
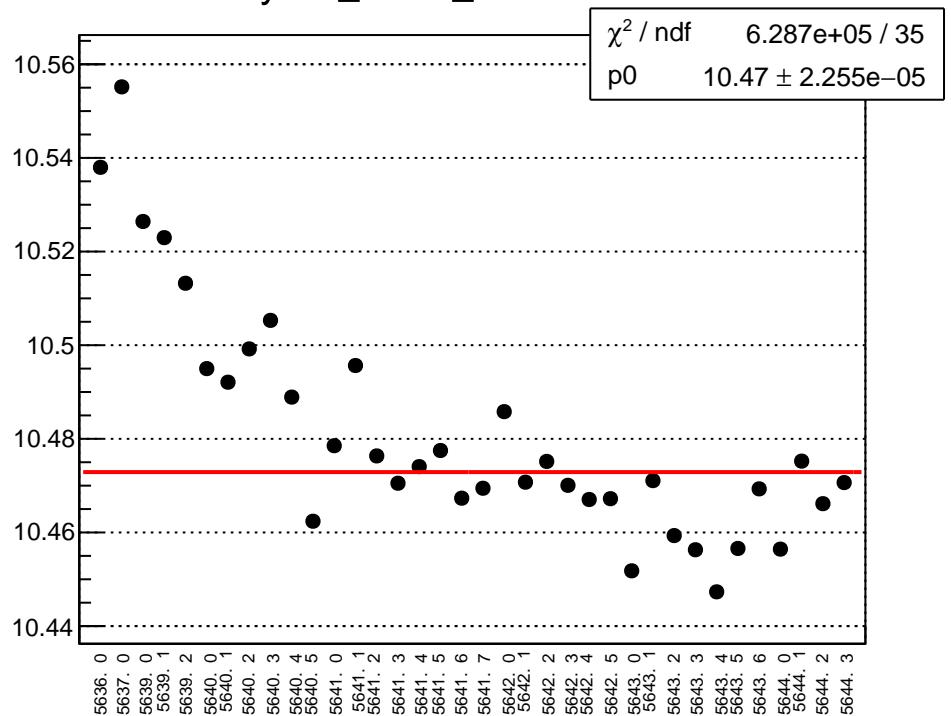
# yield\_sam5\_mean vs run



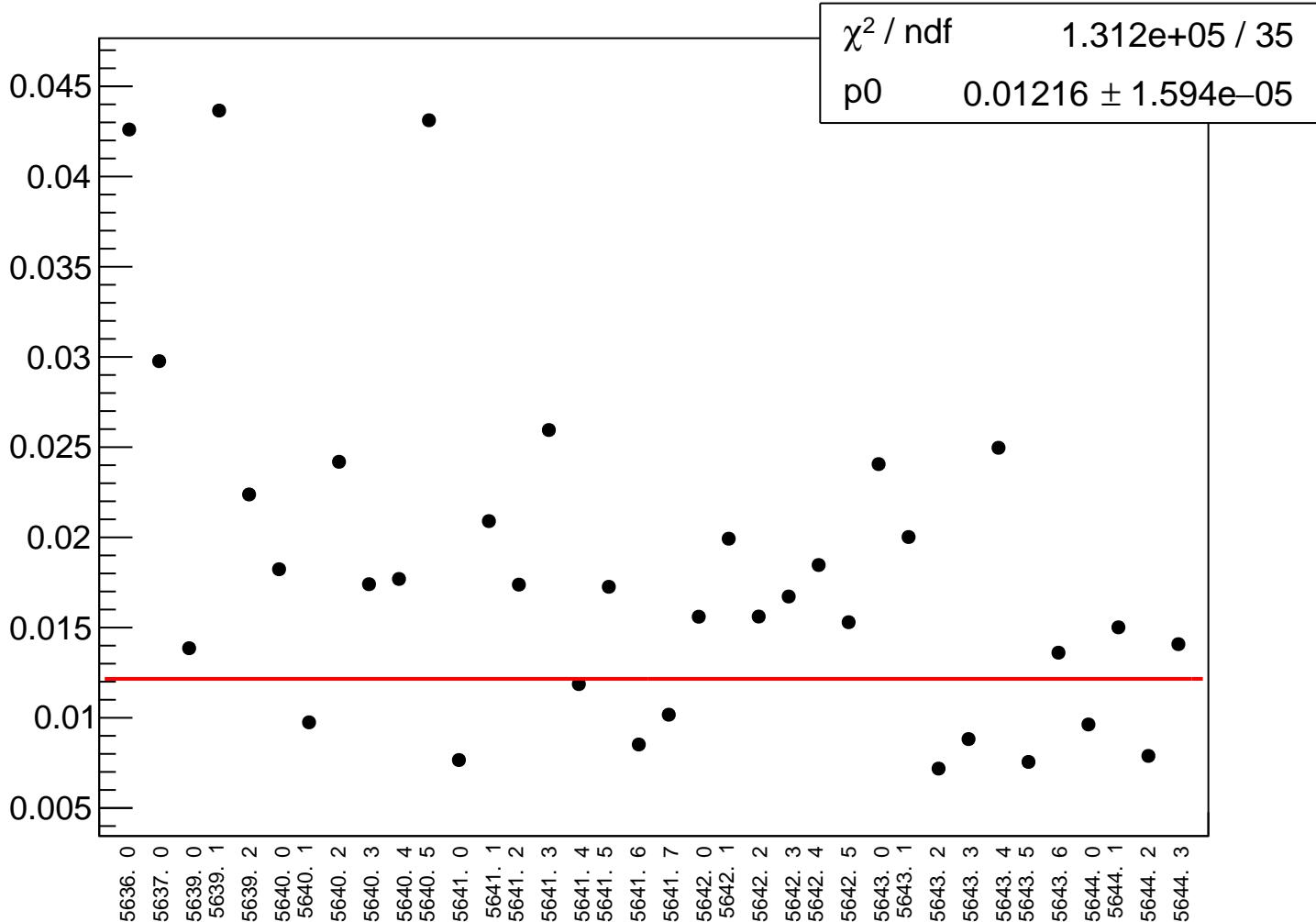
# yield\_sam5\_rms vs run



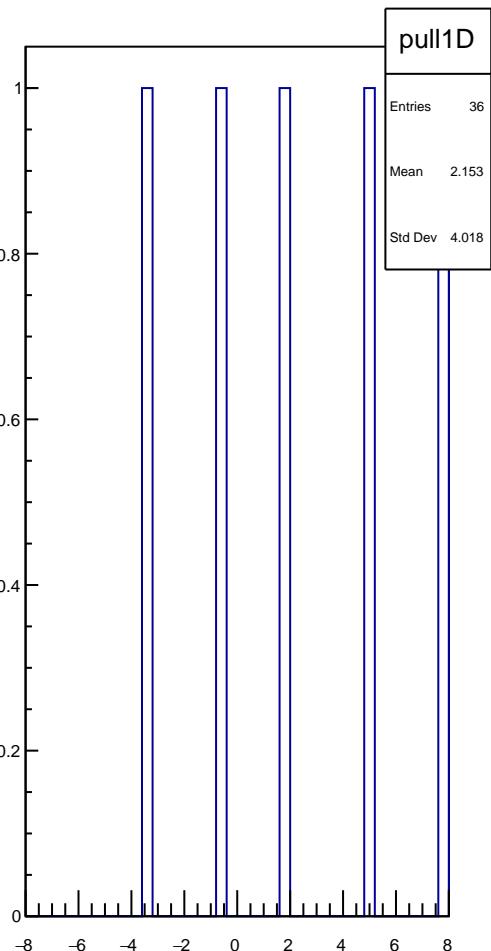
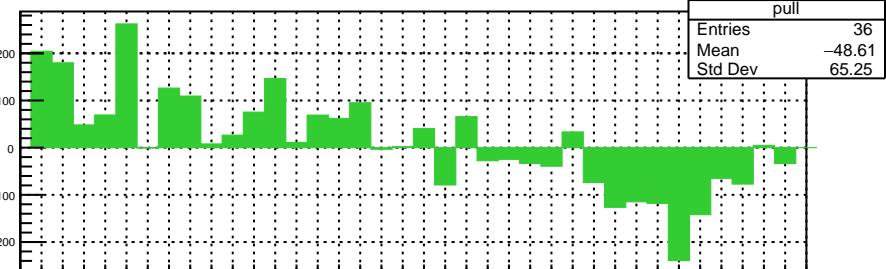
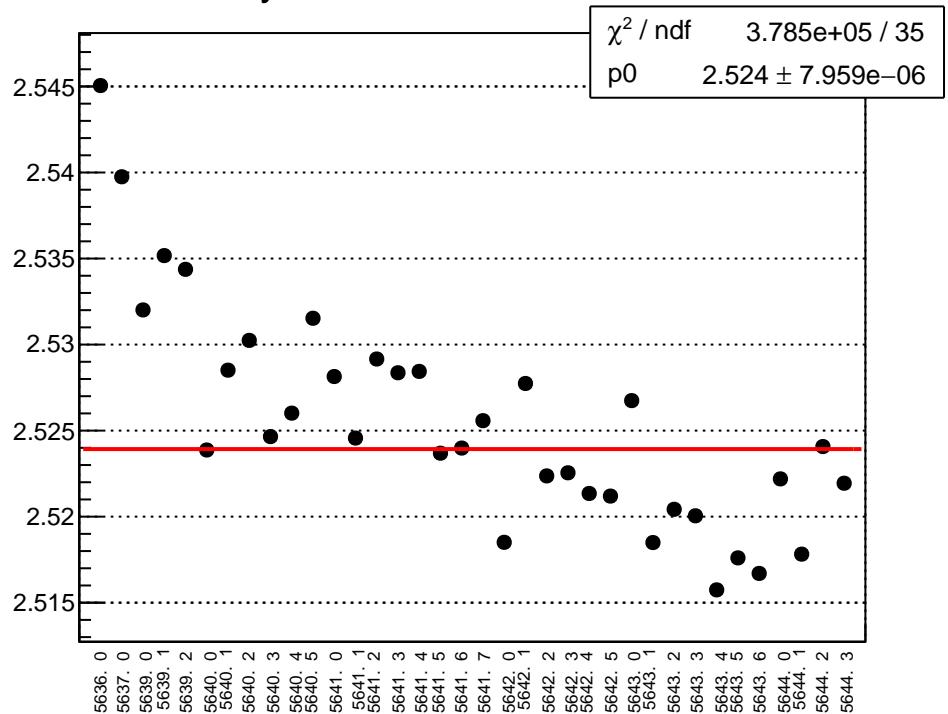
# yield\_sam6\_mean vs run



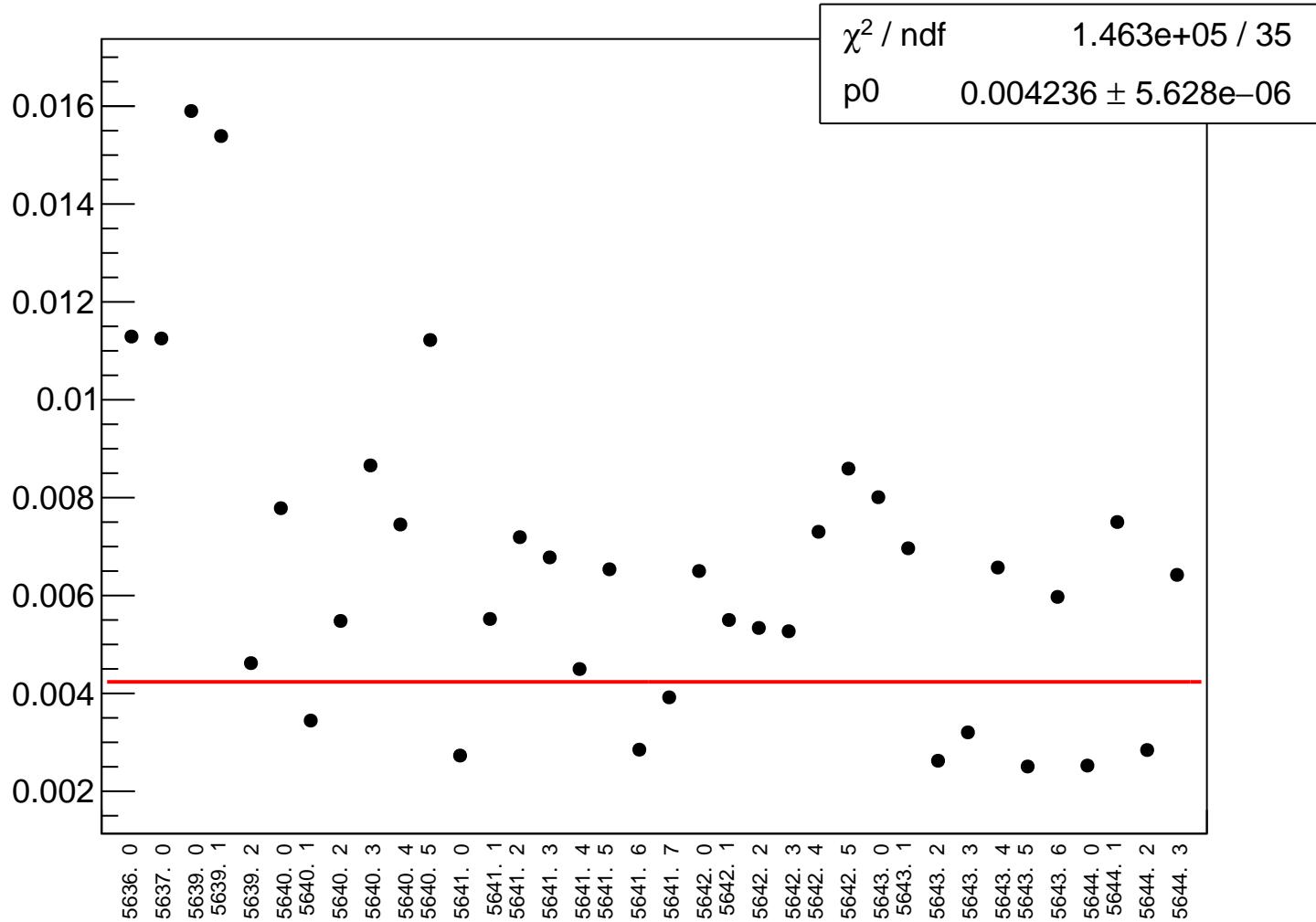
# yield\_sam6\_rms vs run



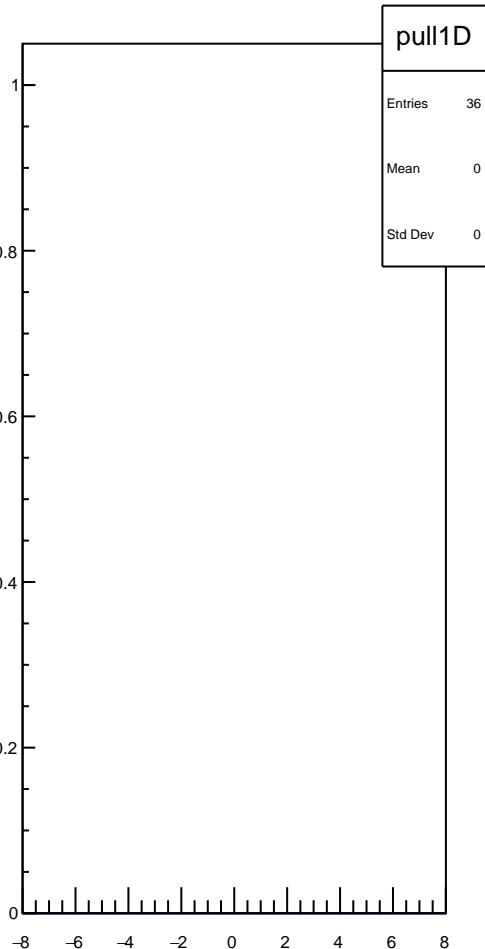
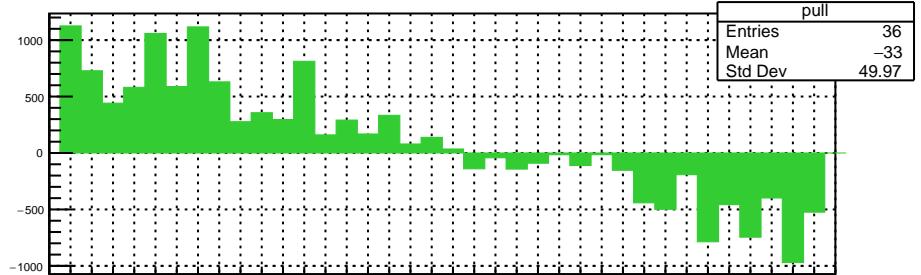
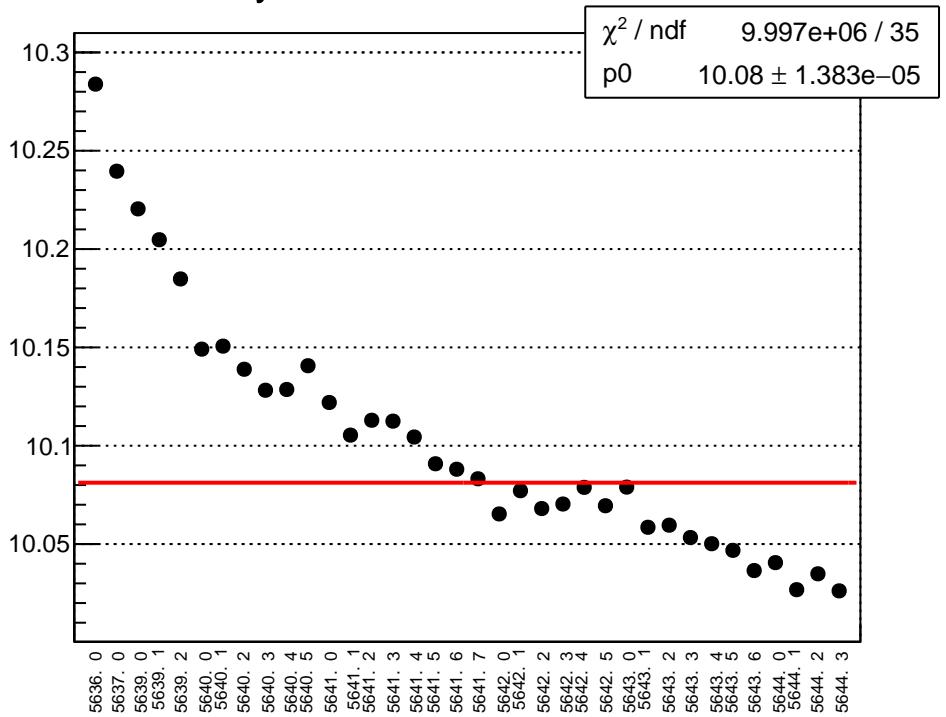
# yield\_sam7\_mean vs run



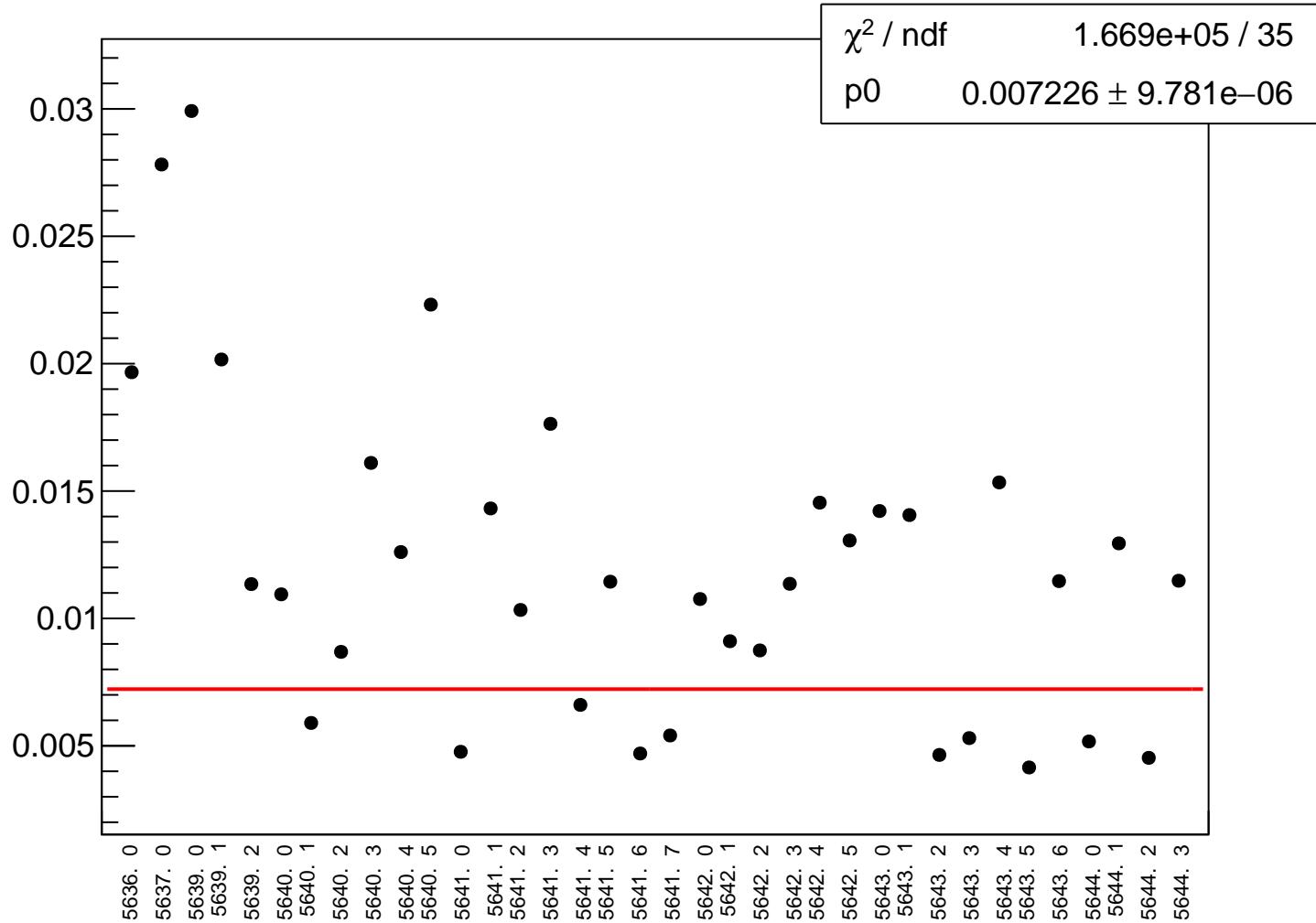
# yield\_sam7\_rms vs run

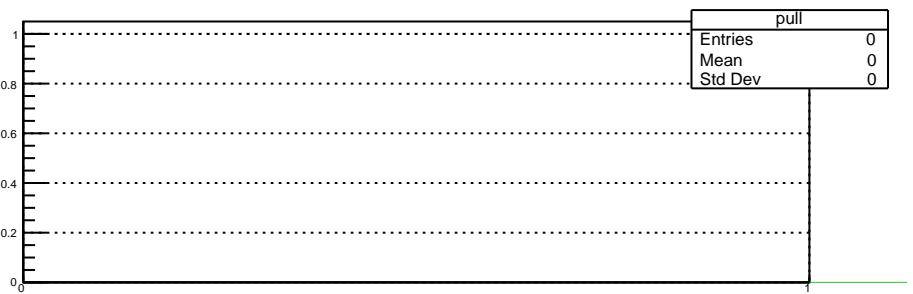
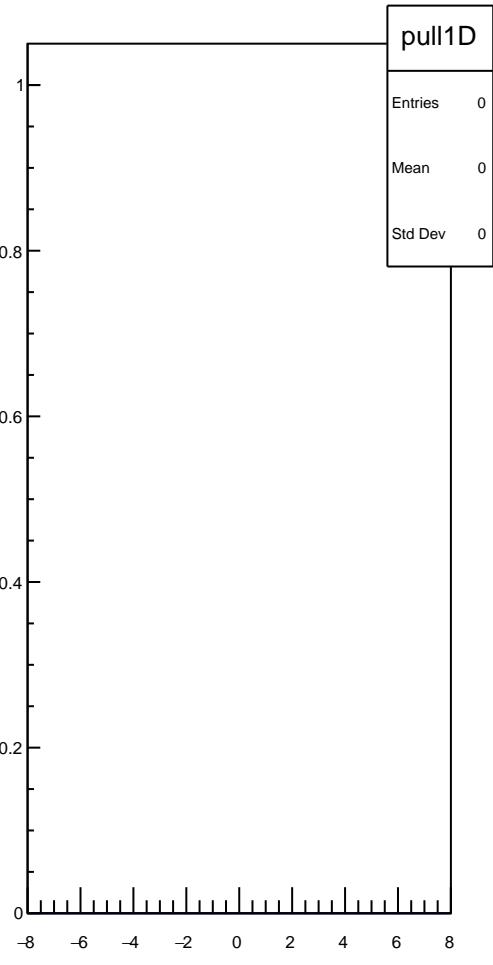


# yield\_sam8\_mean vs run

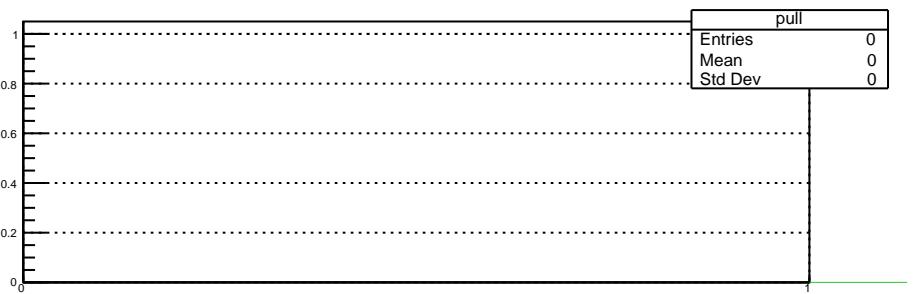
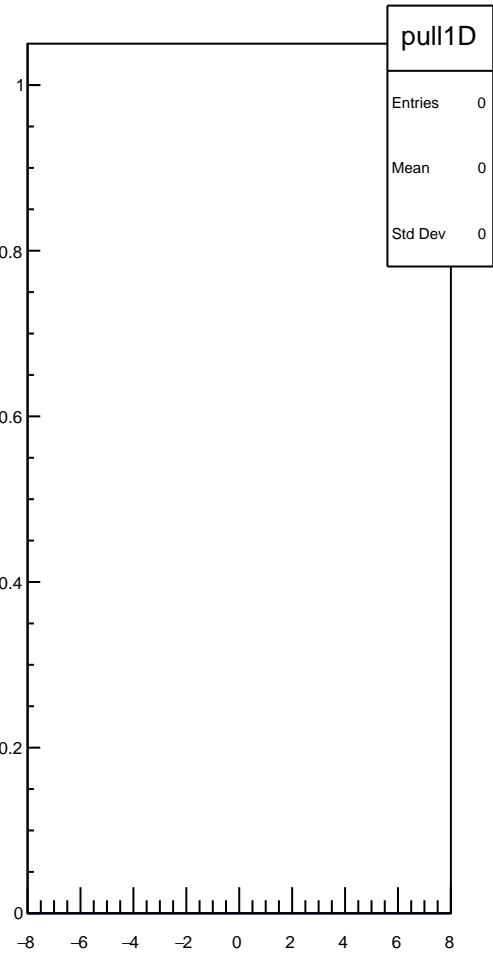


# yield\_sam8\_rms vs run

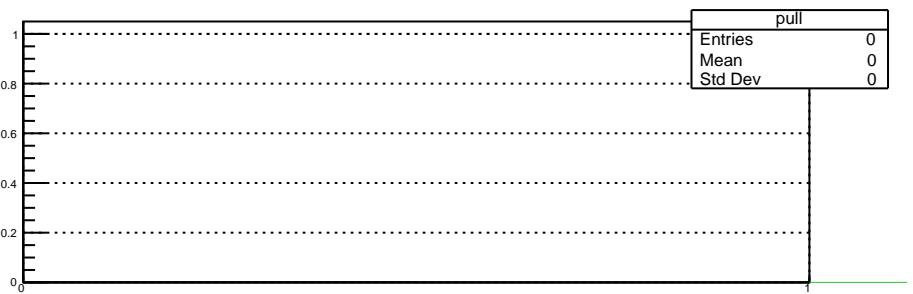
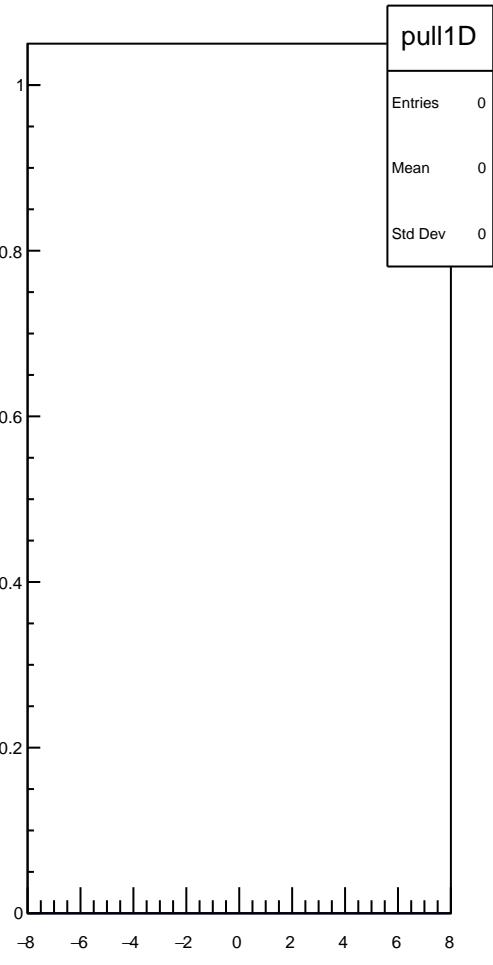




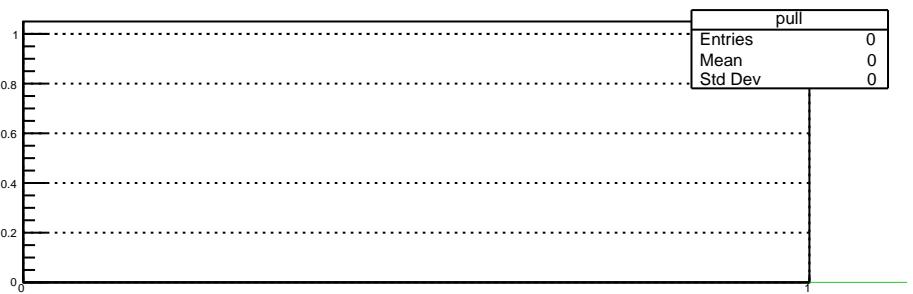
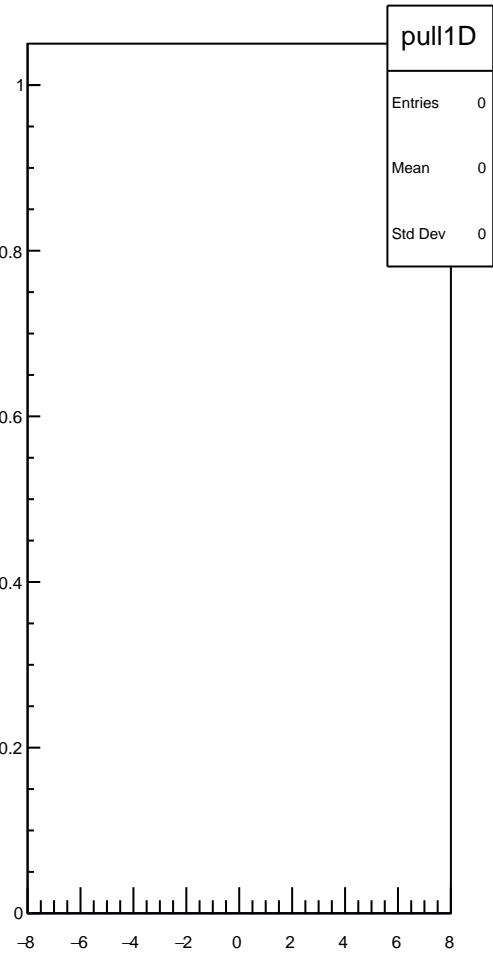




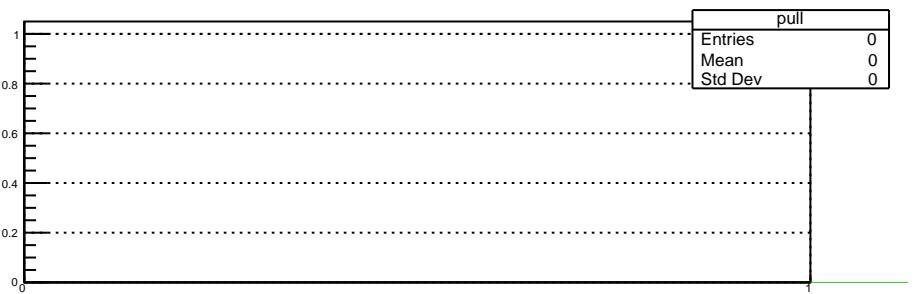
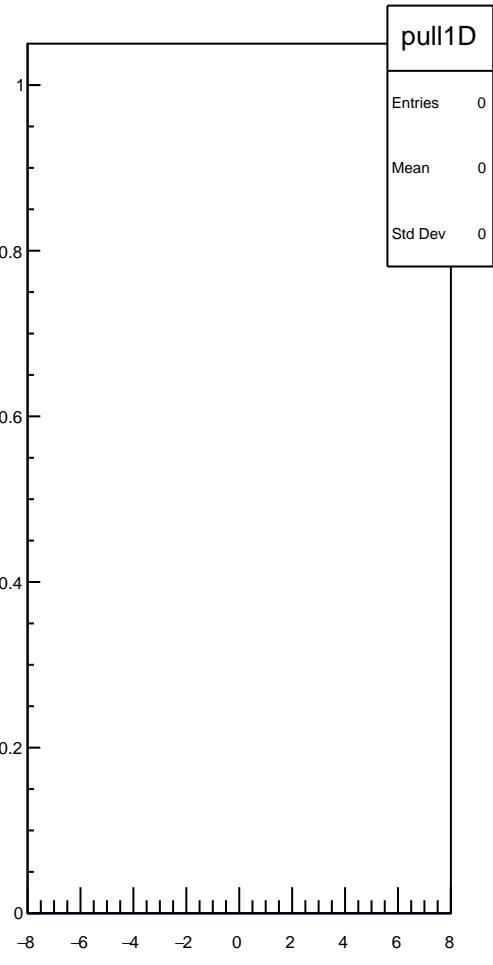




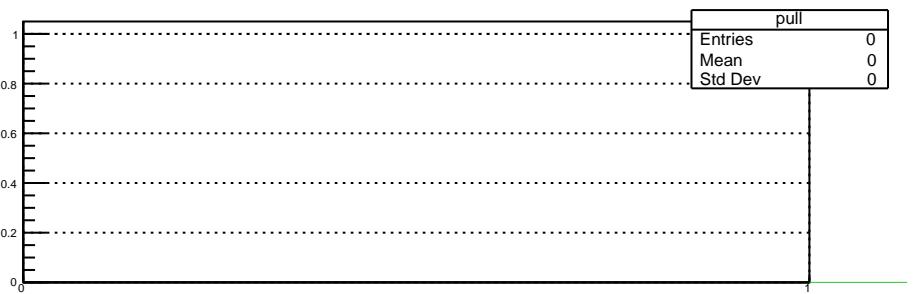
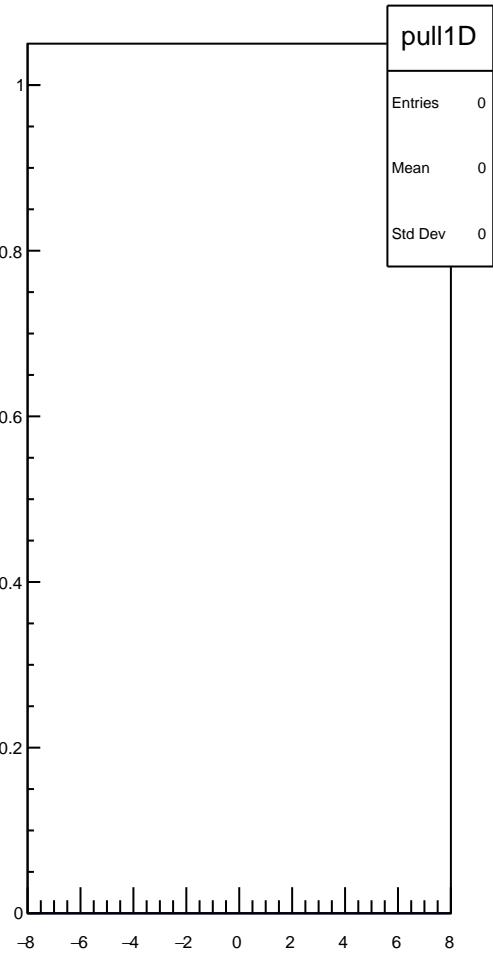




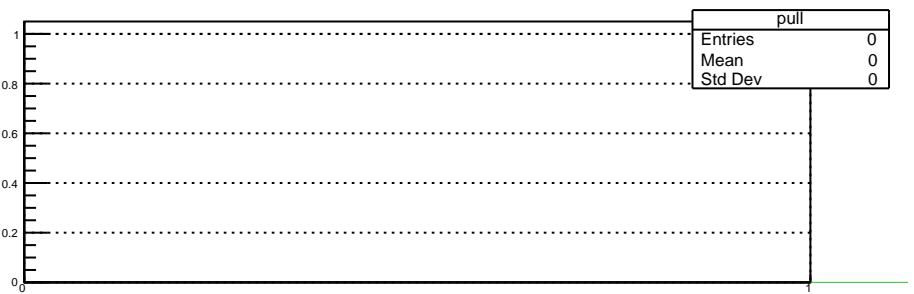
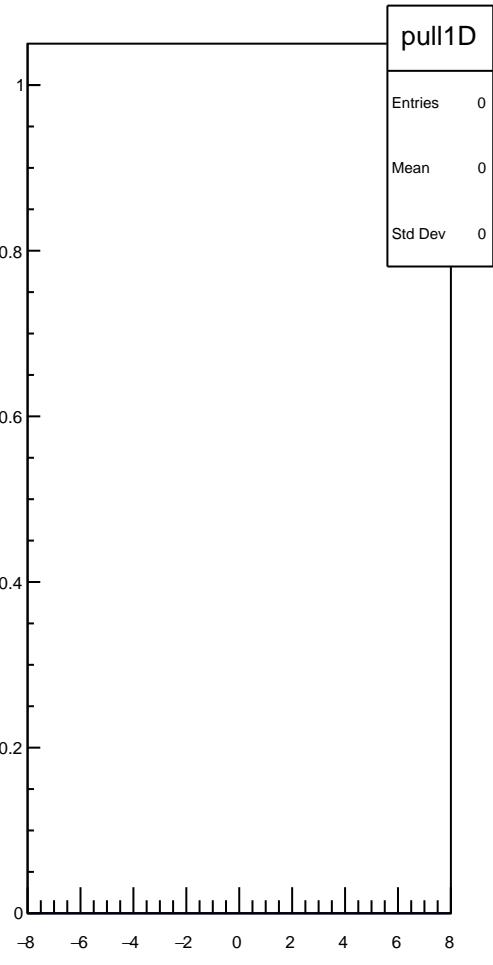




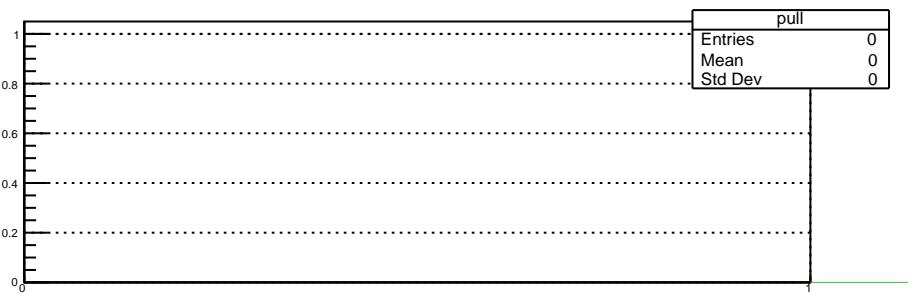
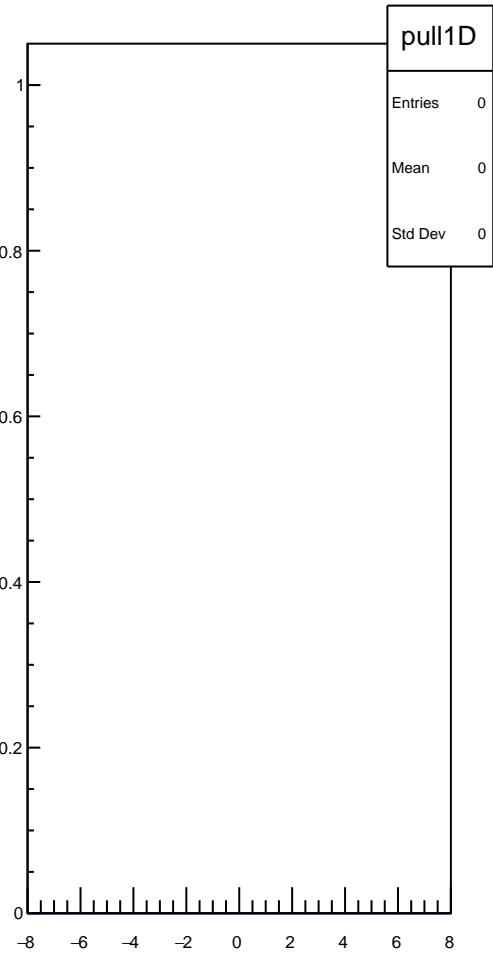






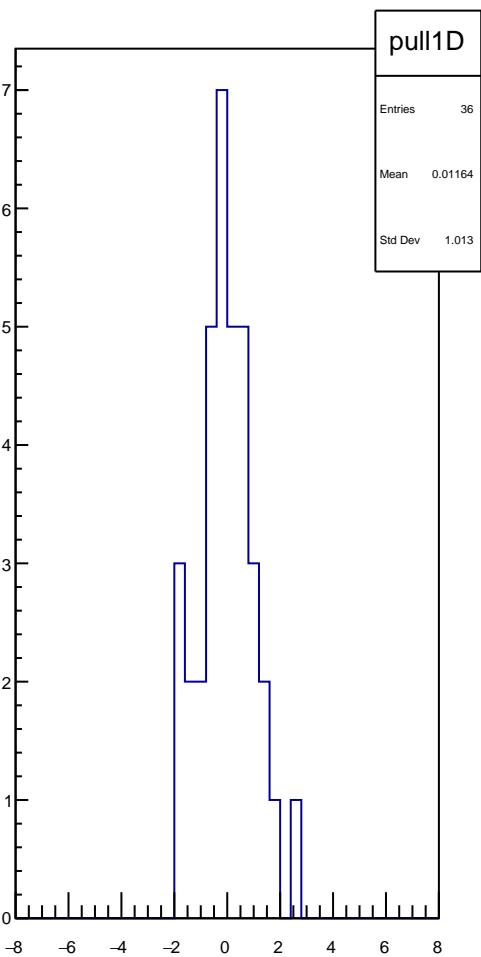
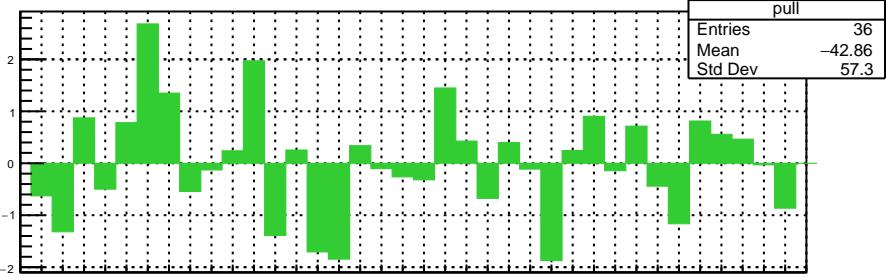
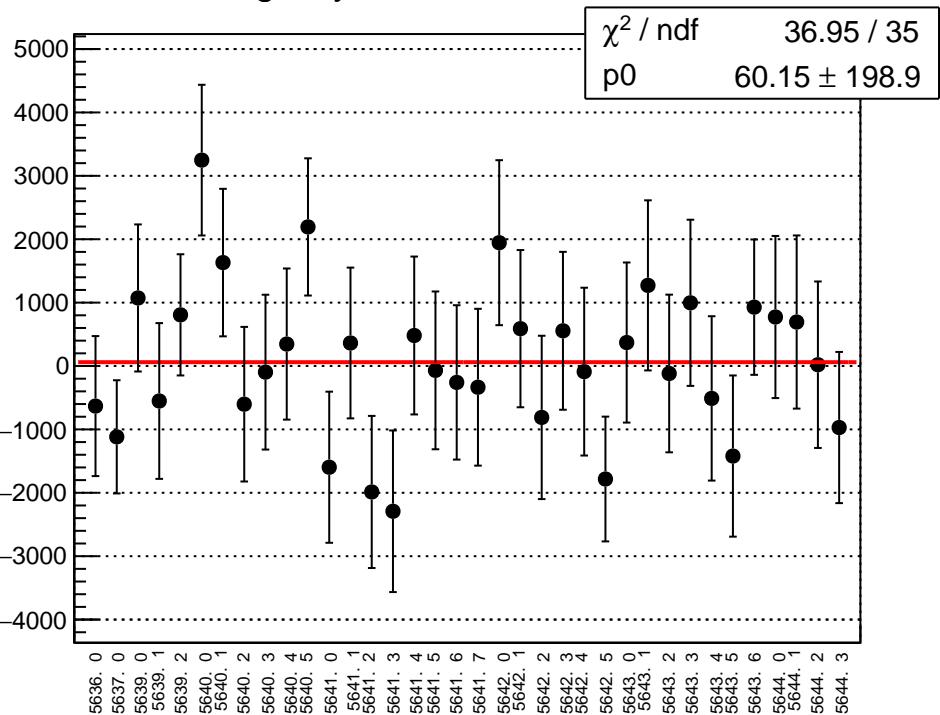




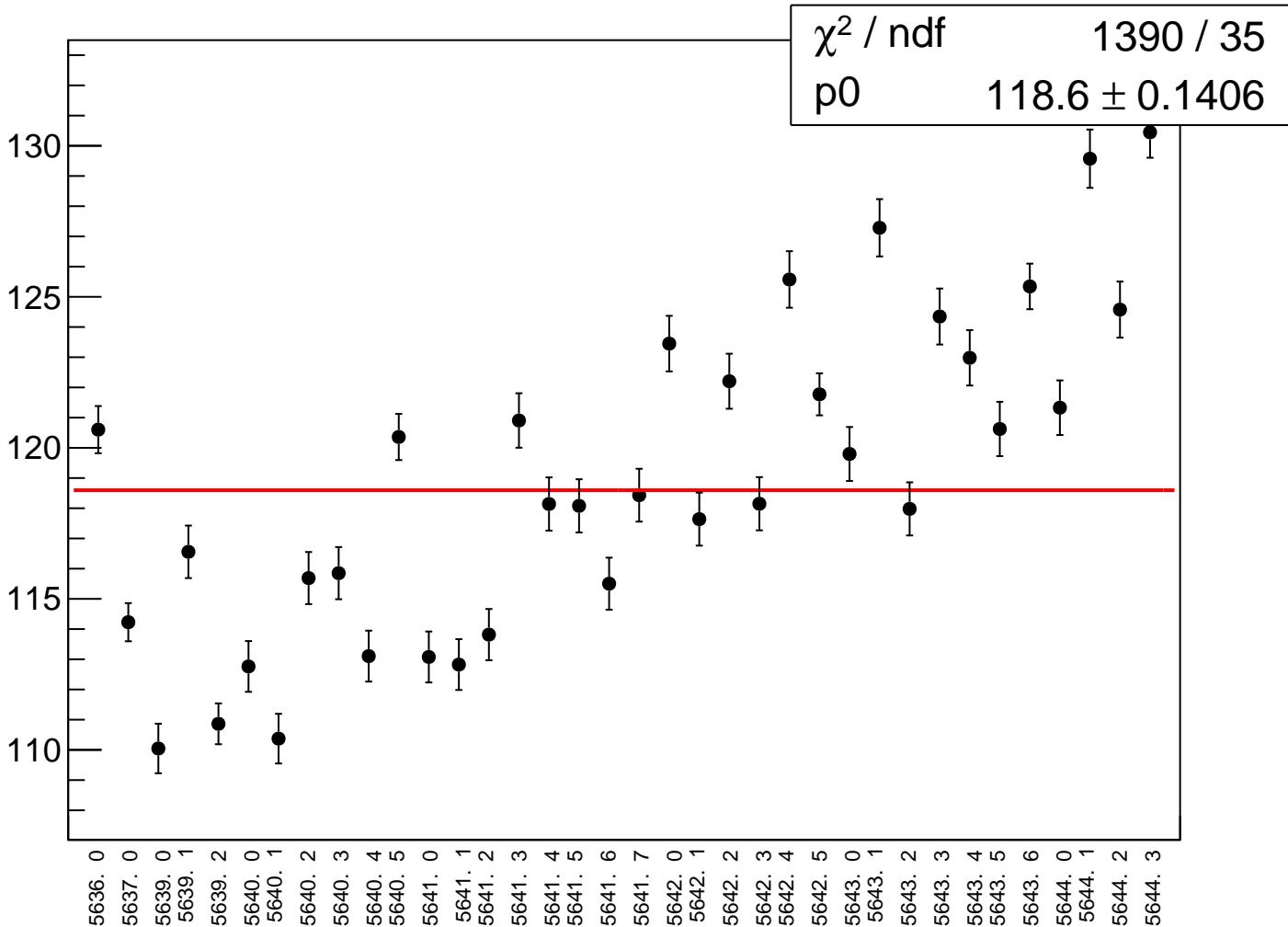


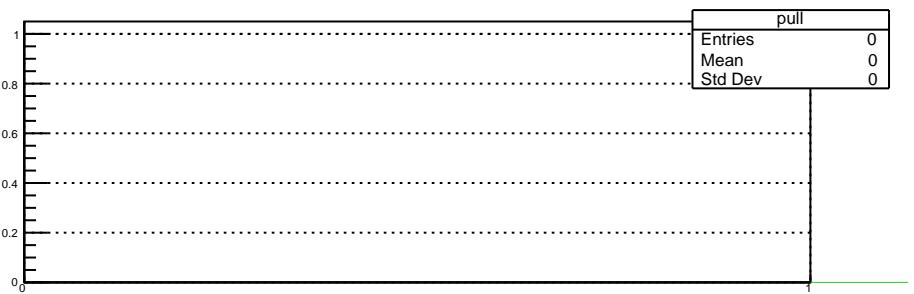
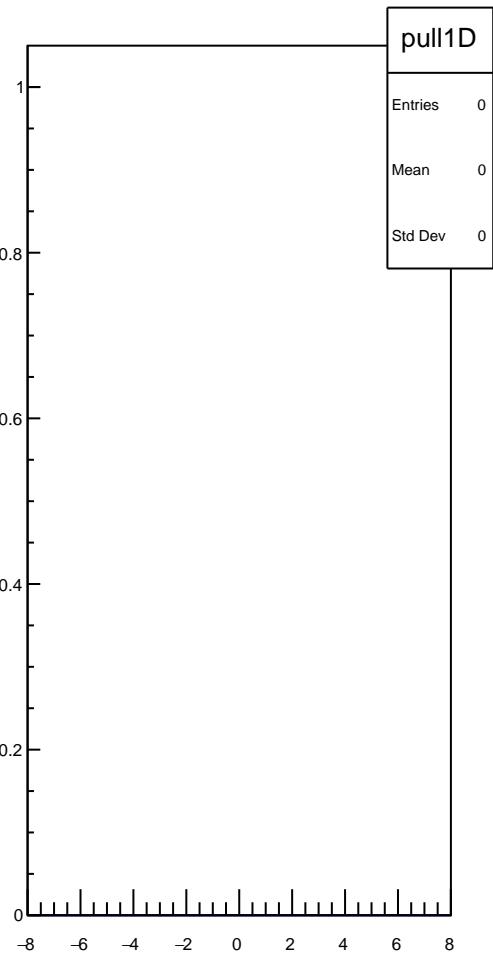


# reg\_asym\_sam1\_mean vs run



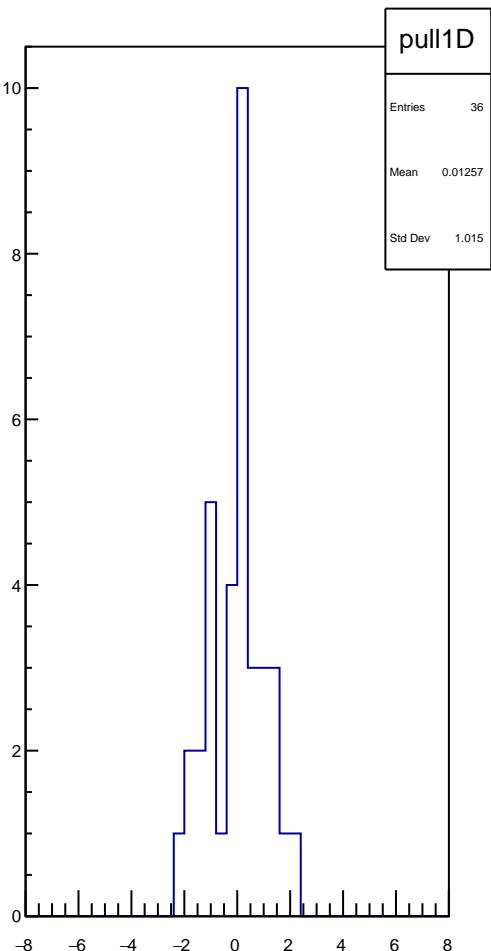
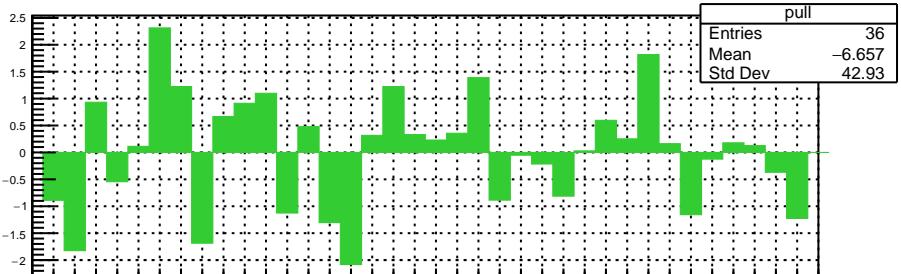
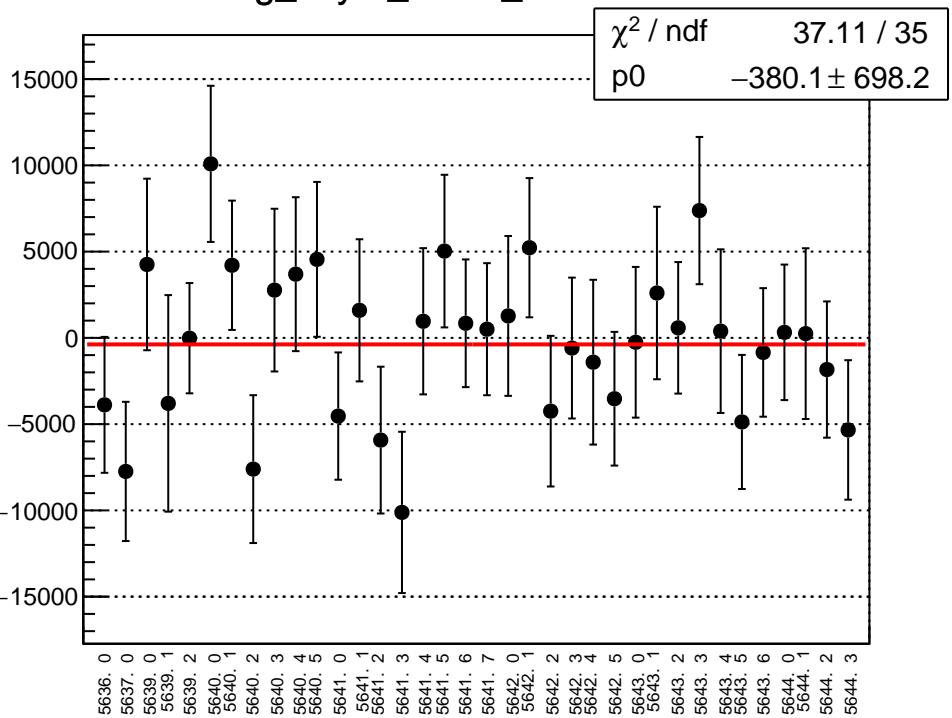
# reg\_asym\_sam1\_rms vs run



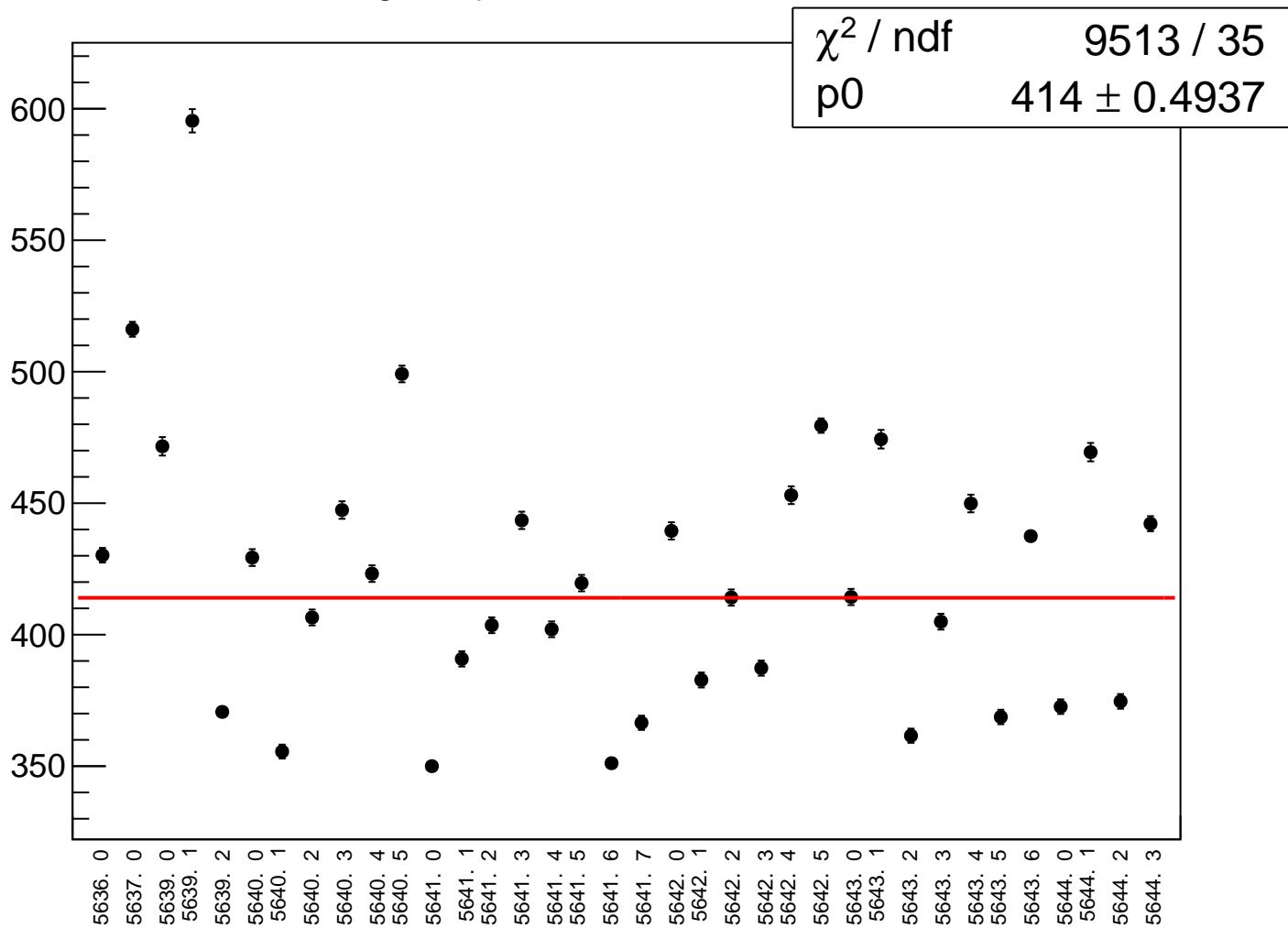


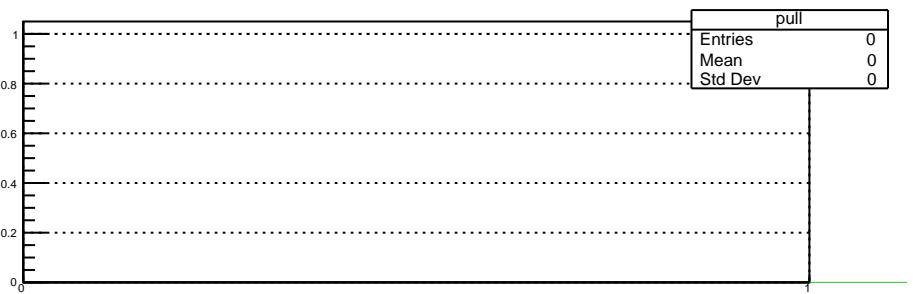
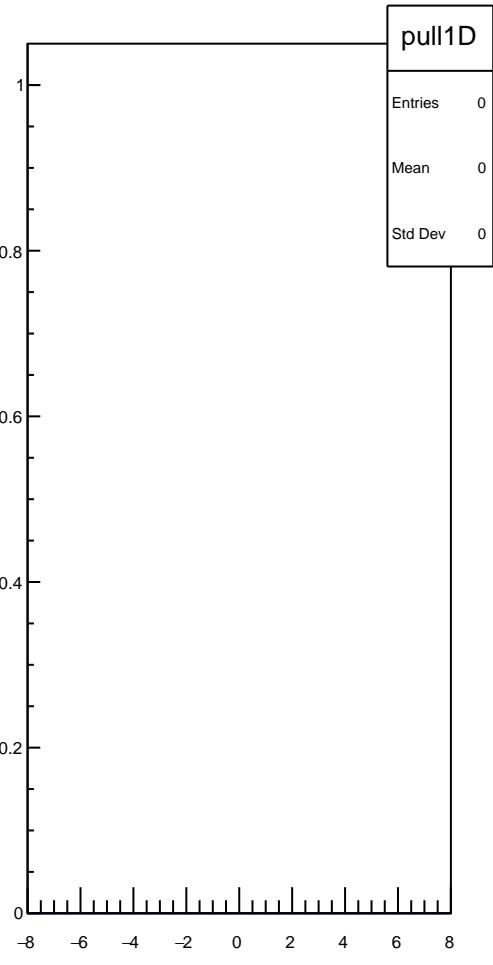


# reg\_asym\_sam2\_mean vs run



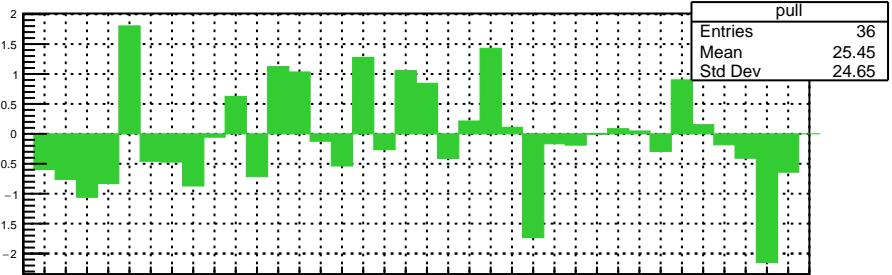
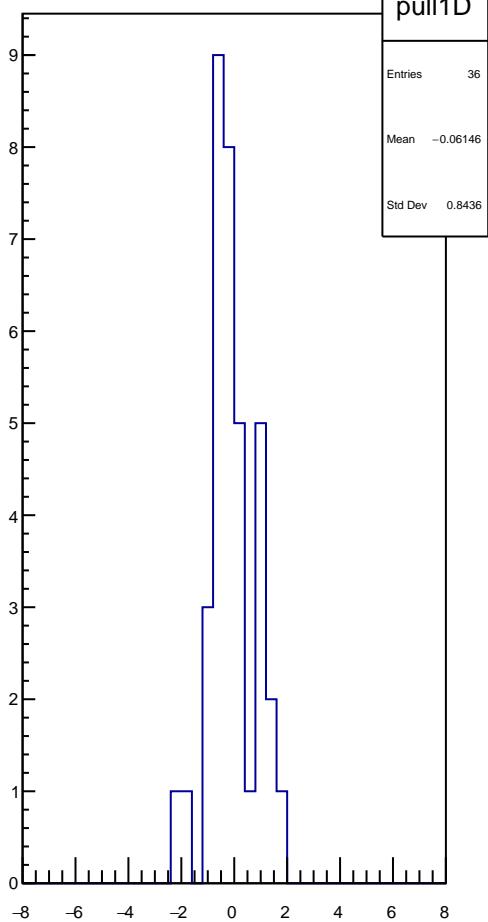
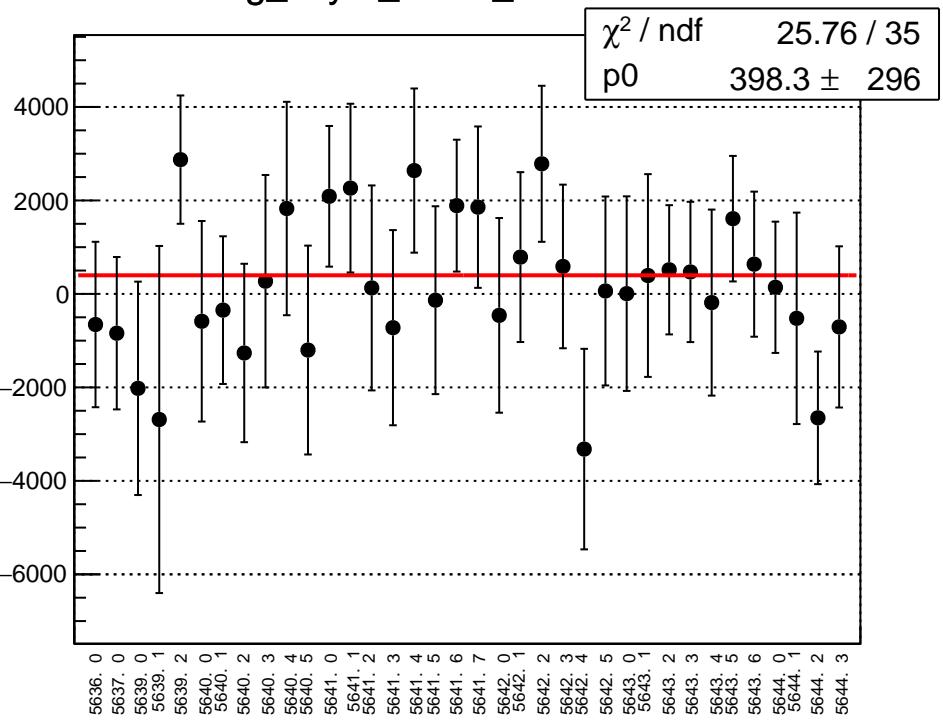
# reg\_asym\_sam2\_rms vs run



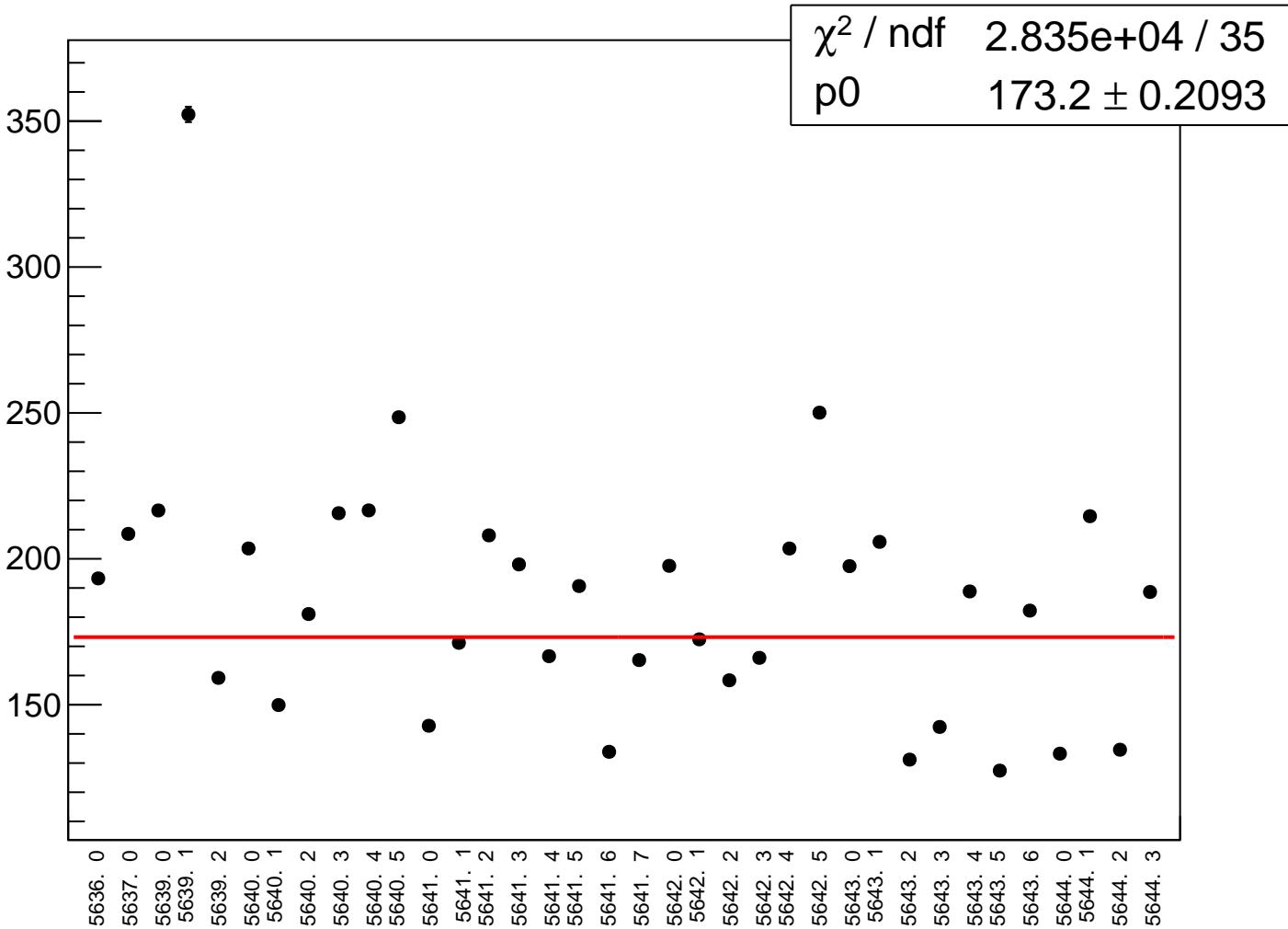


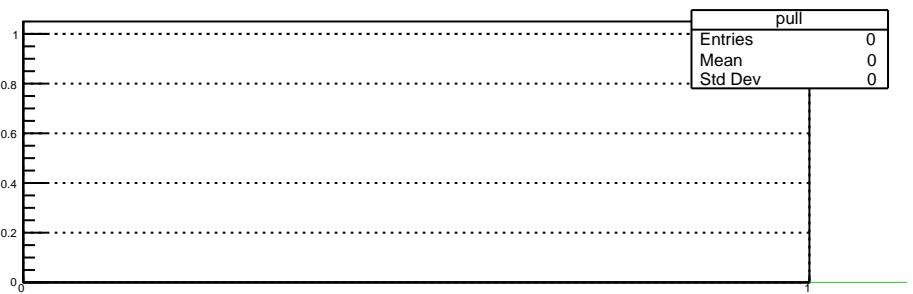
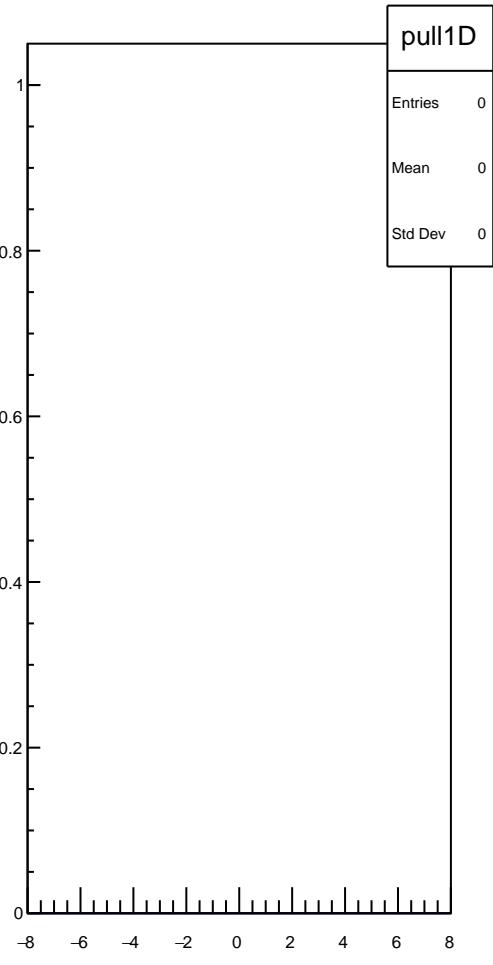


# reg\_asym\_sam3\_mean vs run



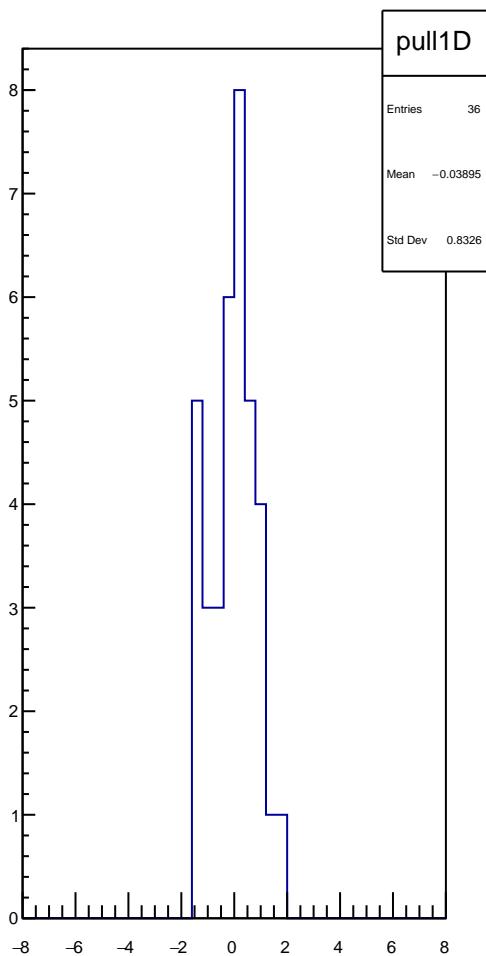
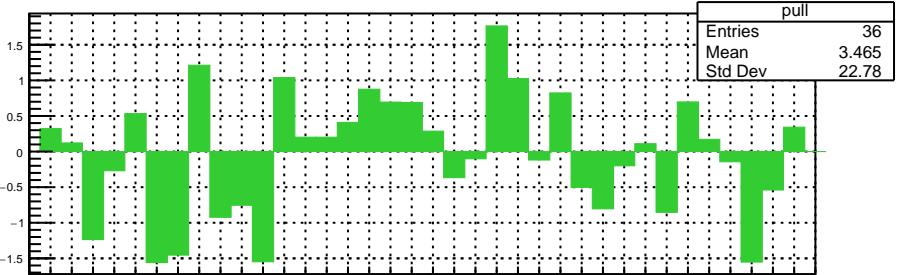
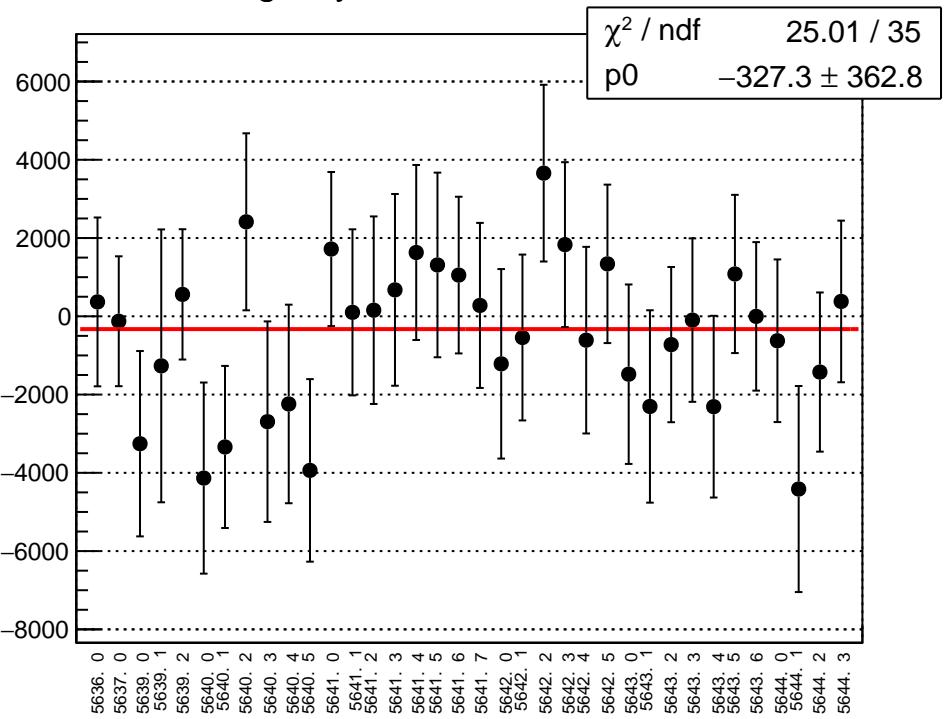
# reg\_asym\_sam3\_rms vs run



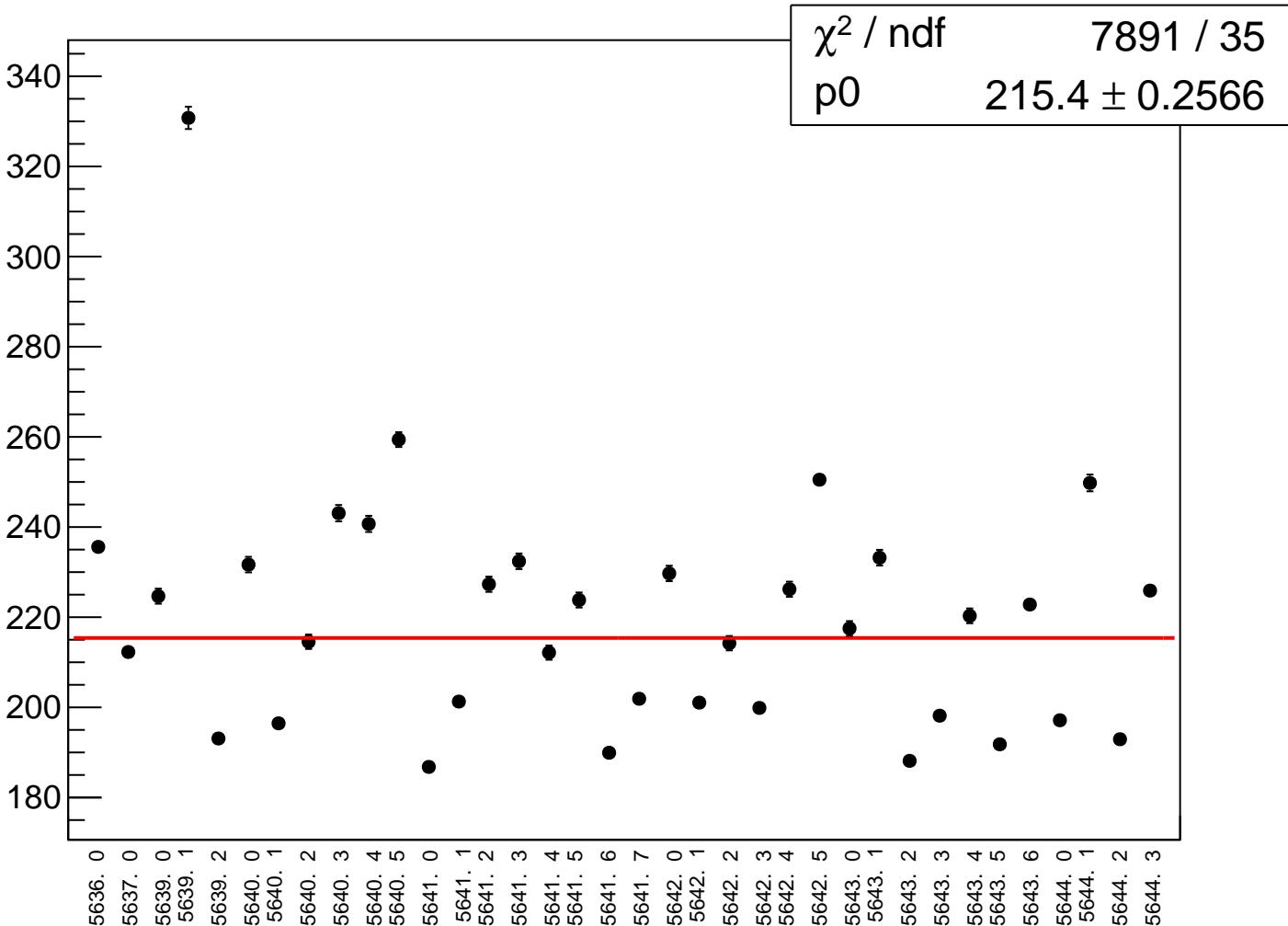


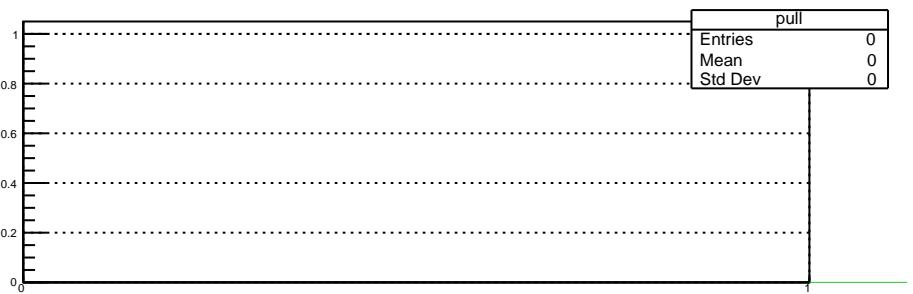
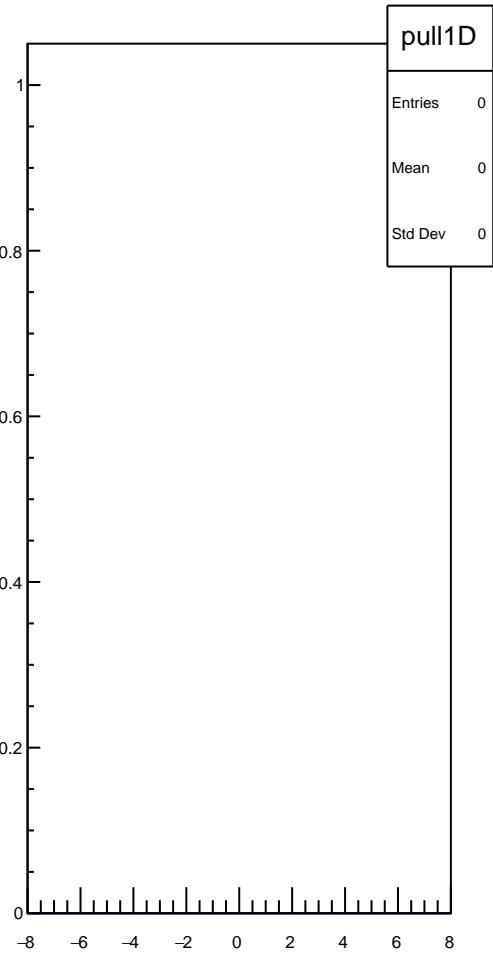


# reg\_asym\_sam4\_mean vs run



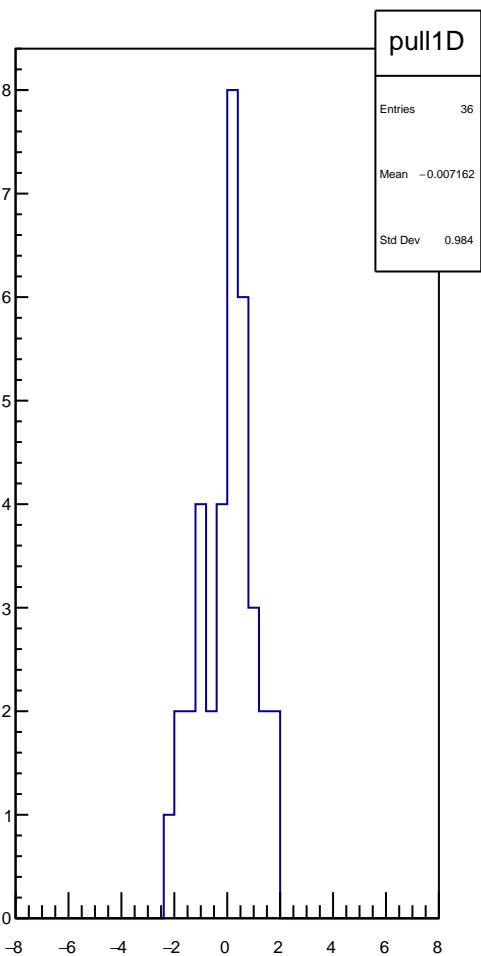
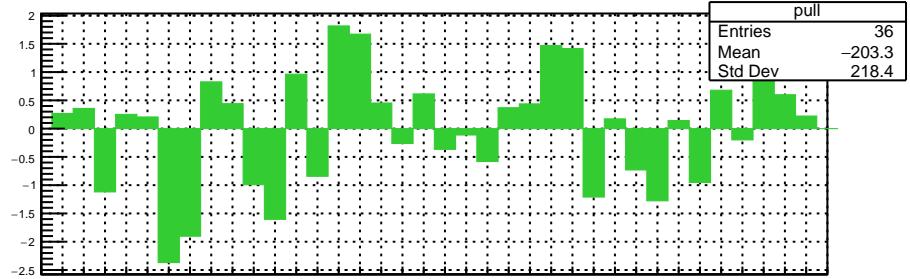
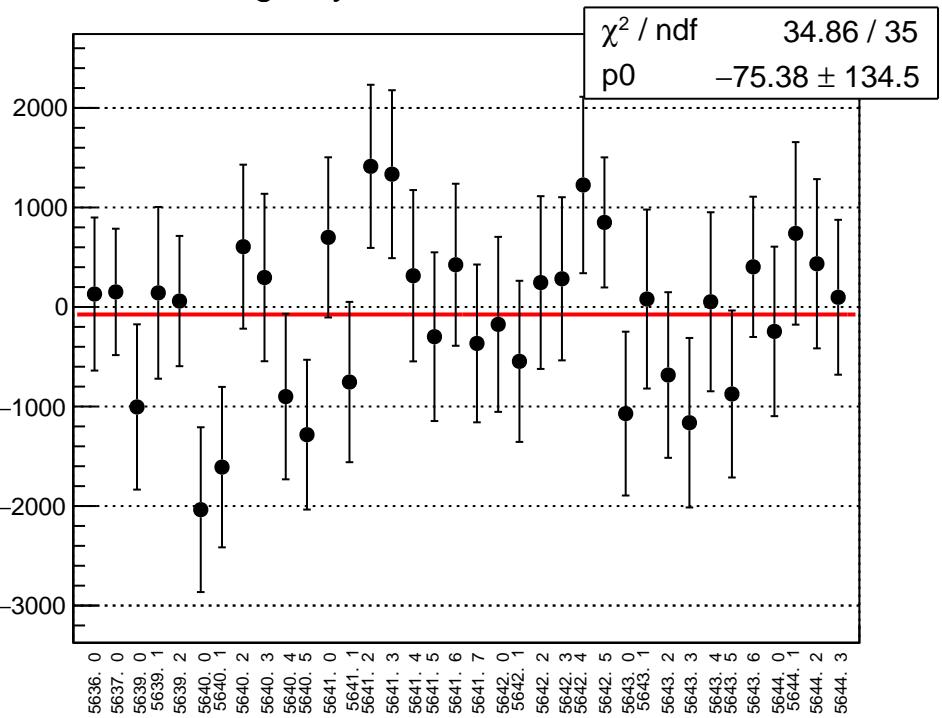
# reg\_asym\_sam4\_rms vs run



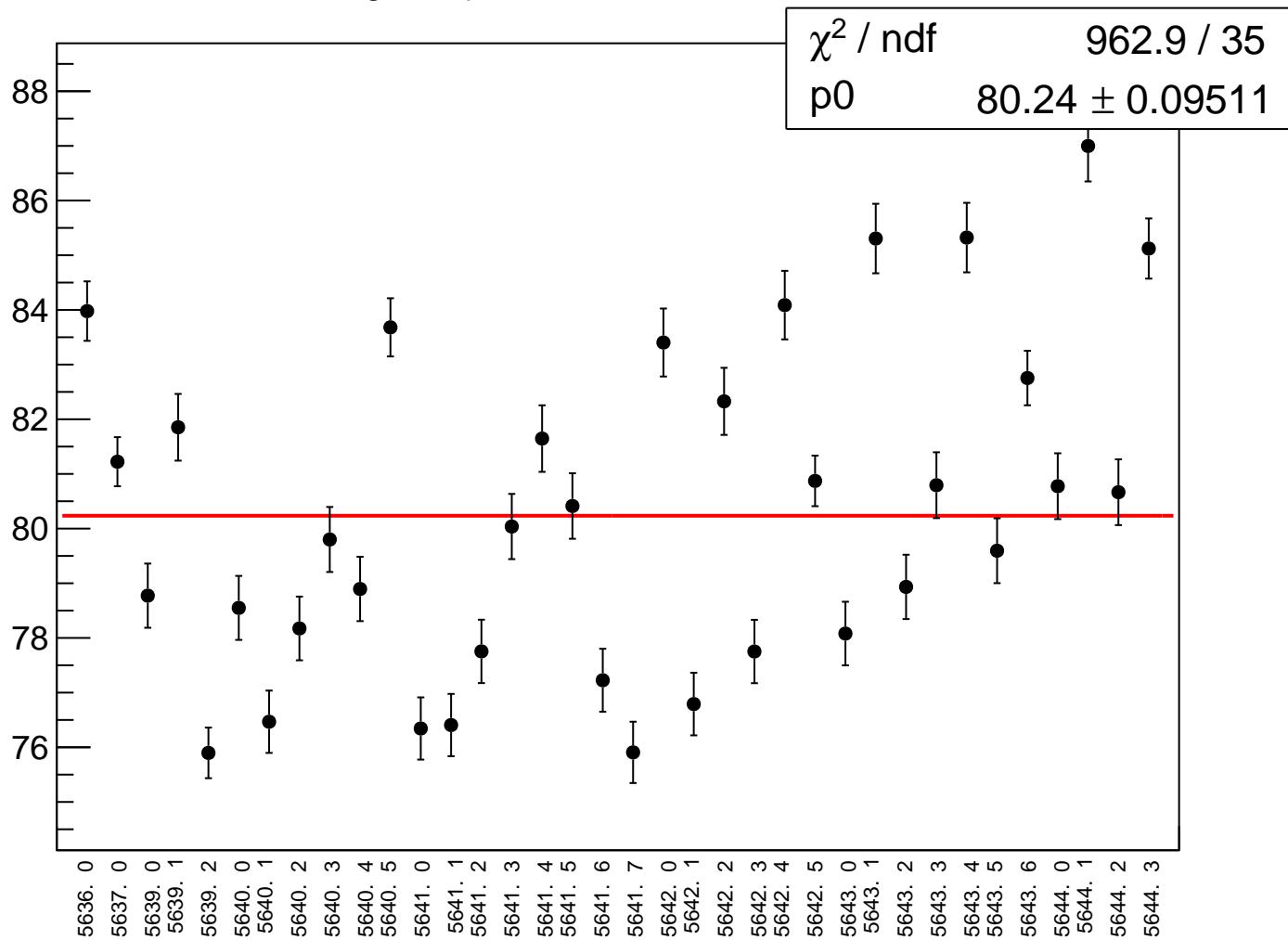


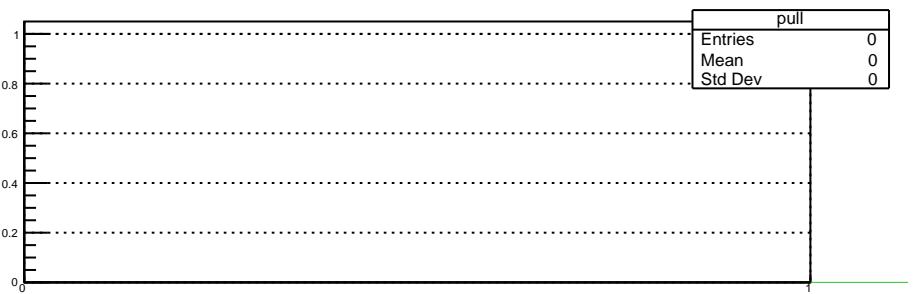
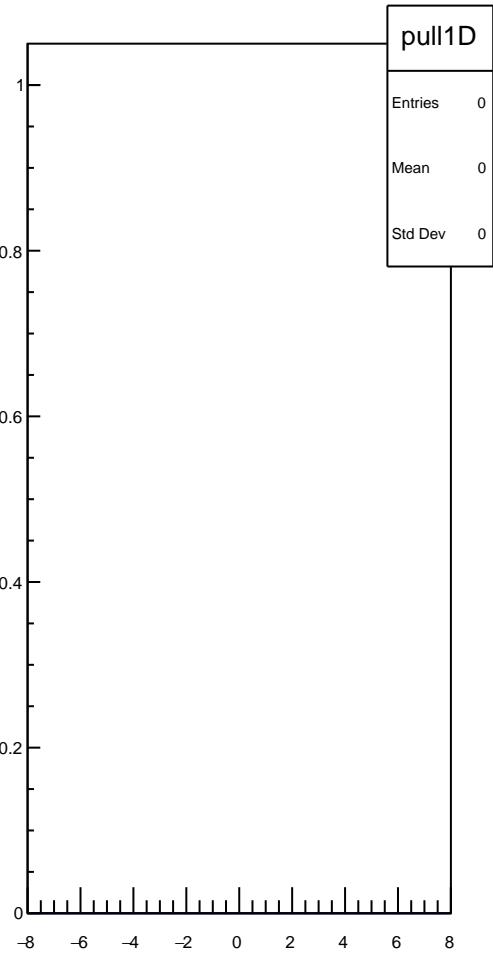


# reg\_asym\_sam5\_mean vs run



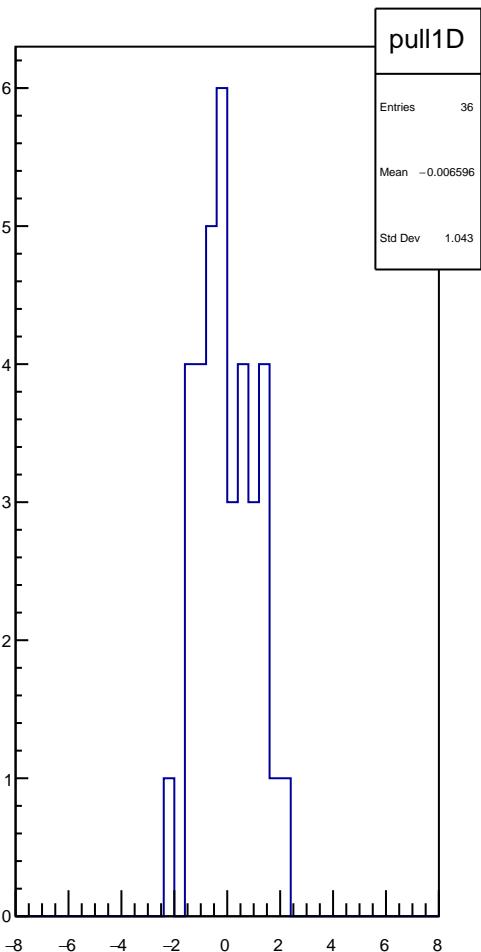
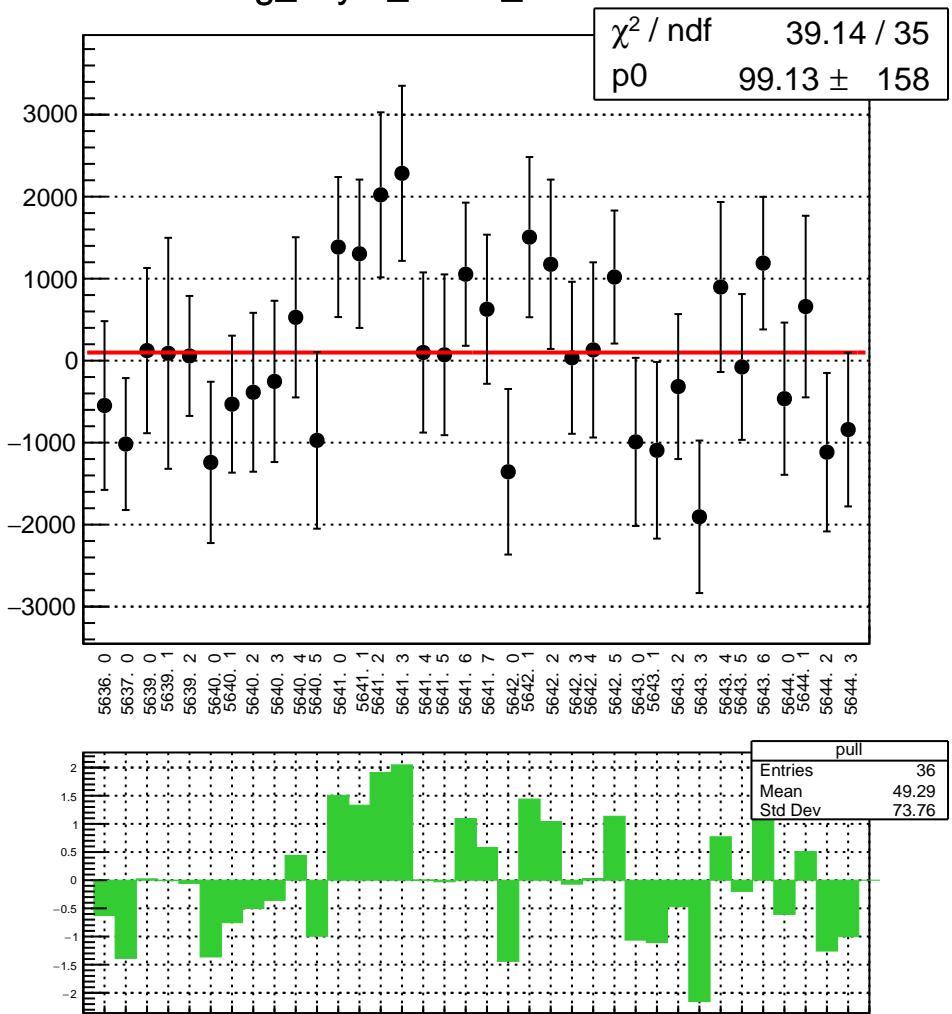
# reg\_asym\_sam5\_rms vs run



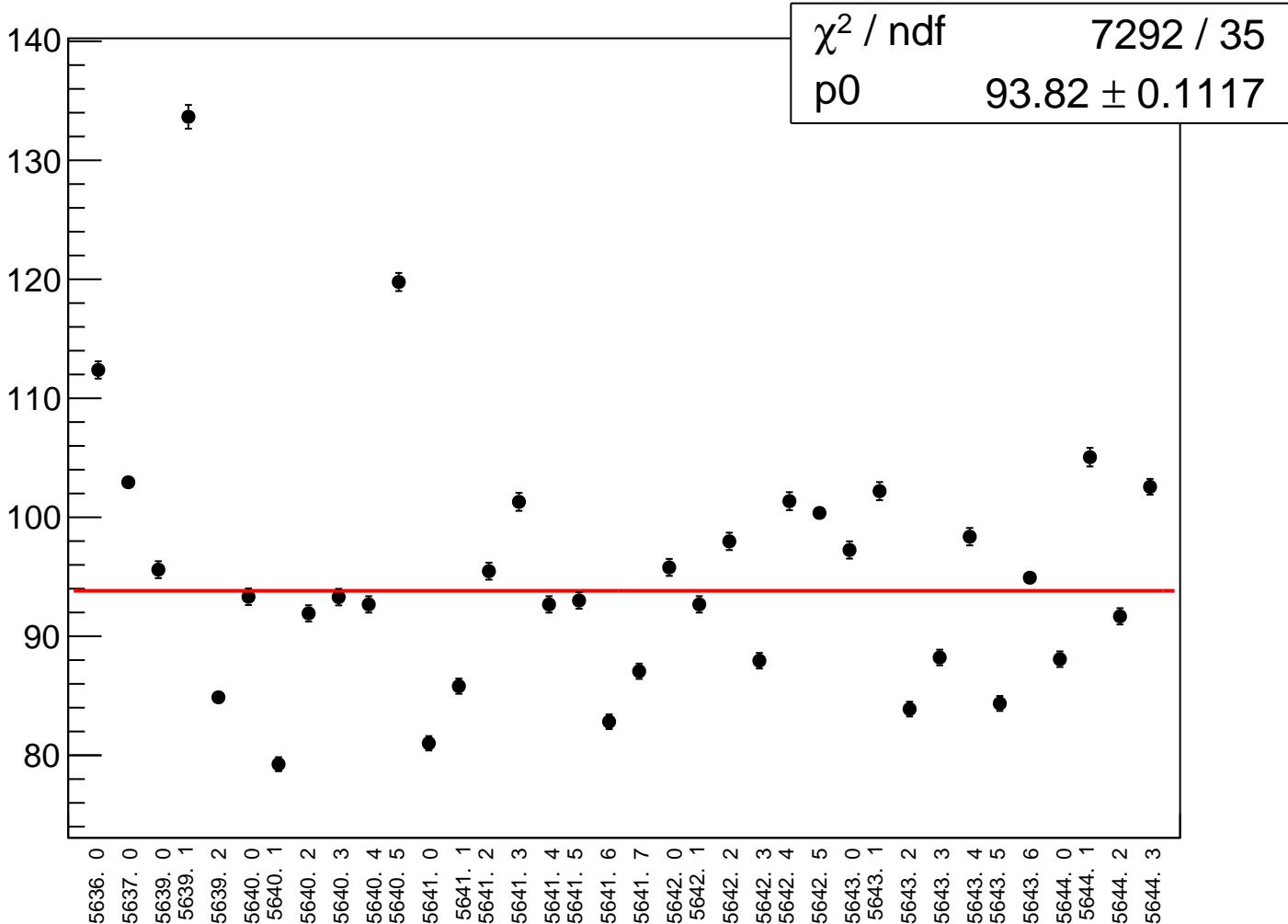


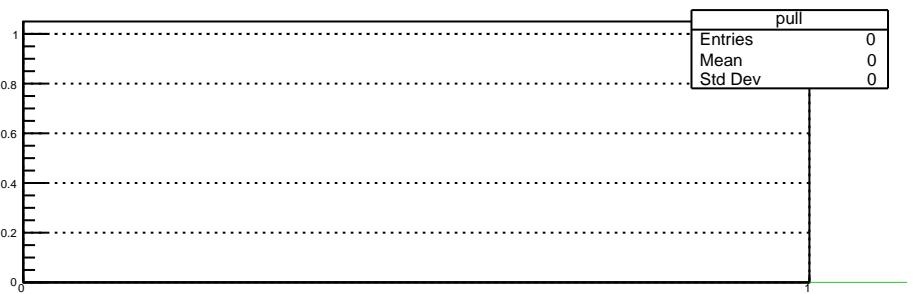
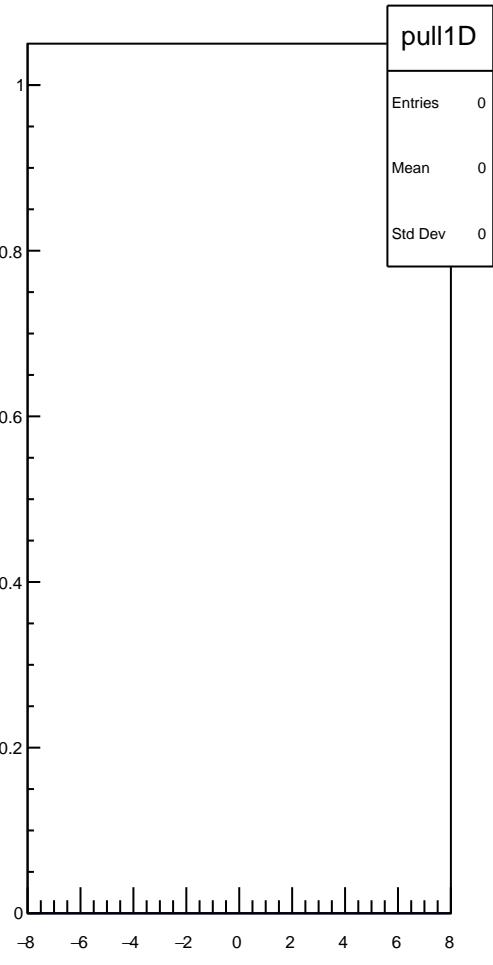


# reg\_asym\_sam6\_mean vs run



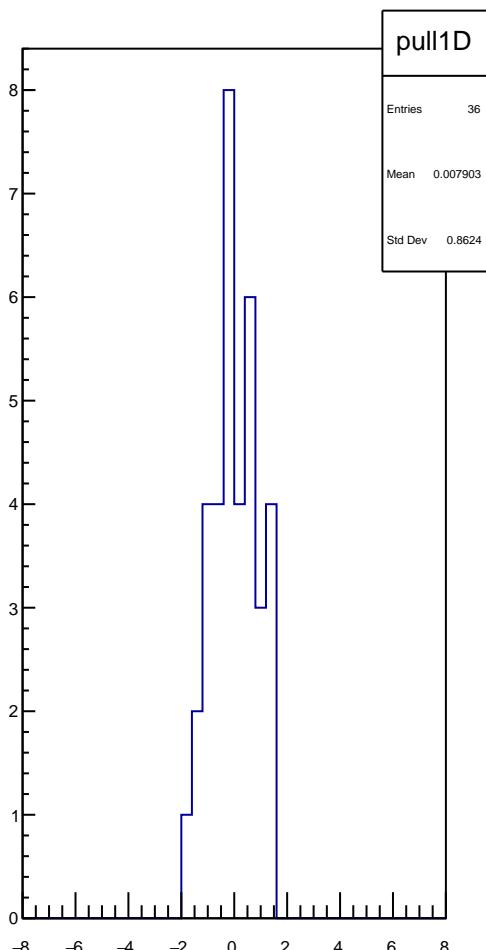
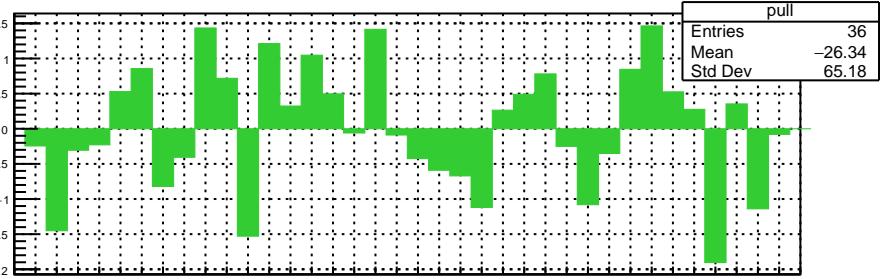
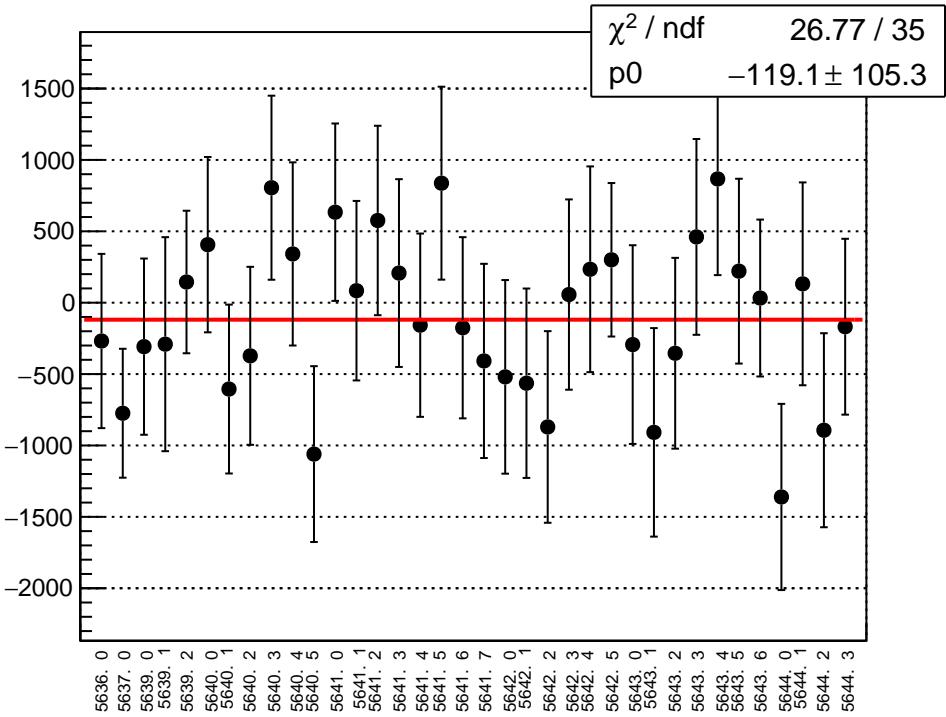
# reg\_asym\_sam6\_rms vs run



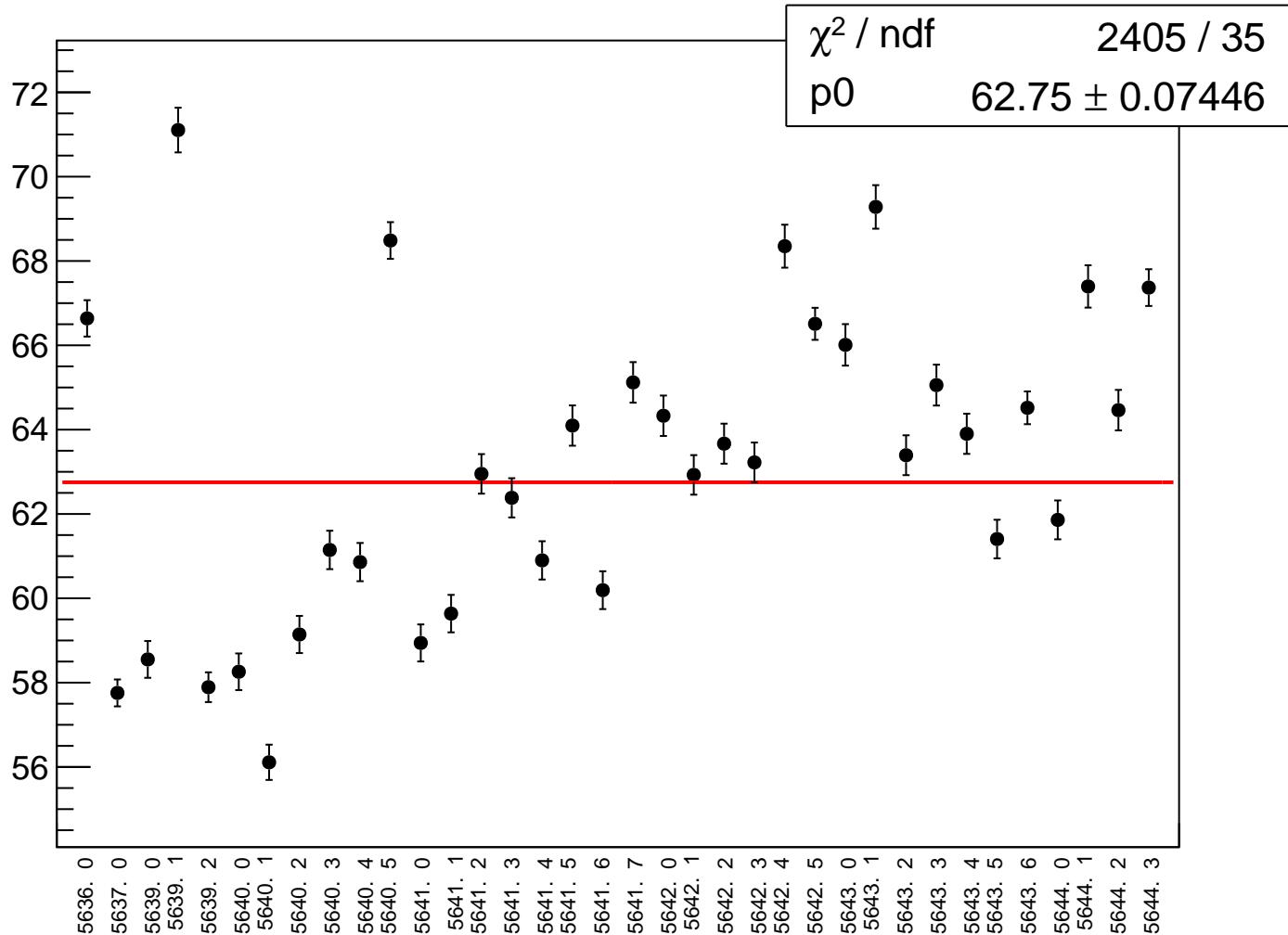


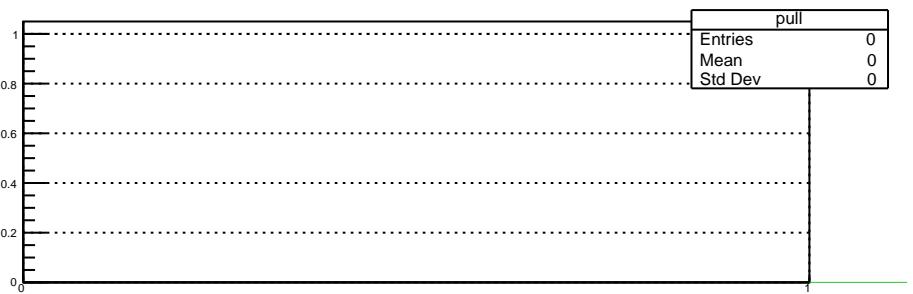
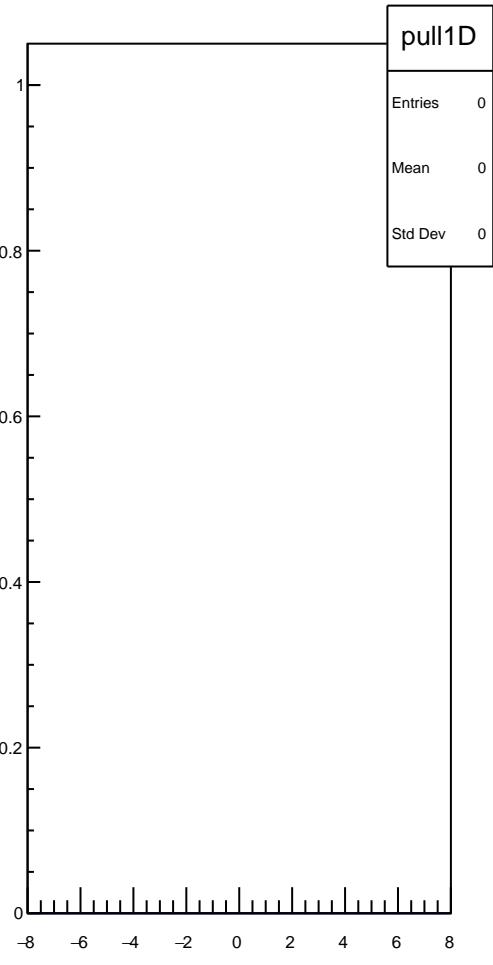


# reg\_asym\_sam7\_mean vs run



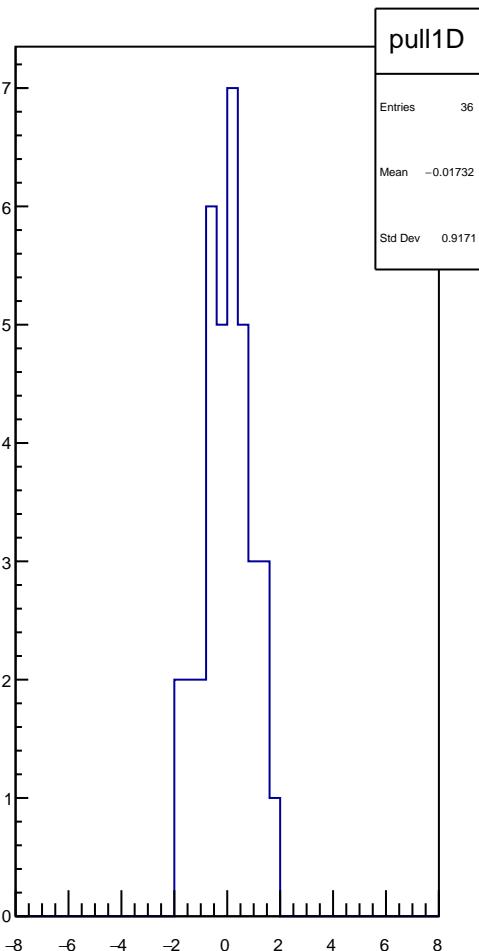
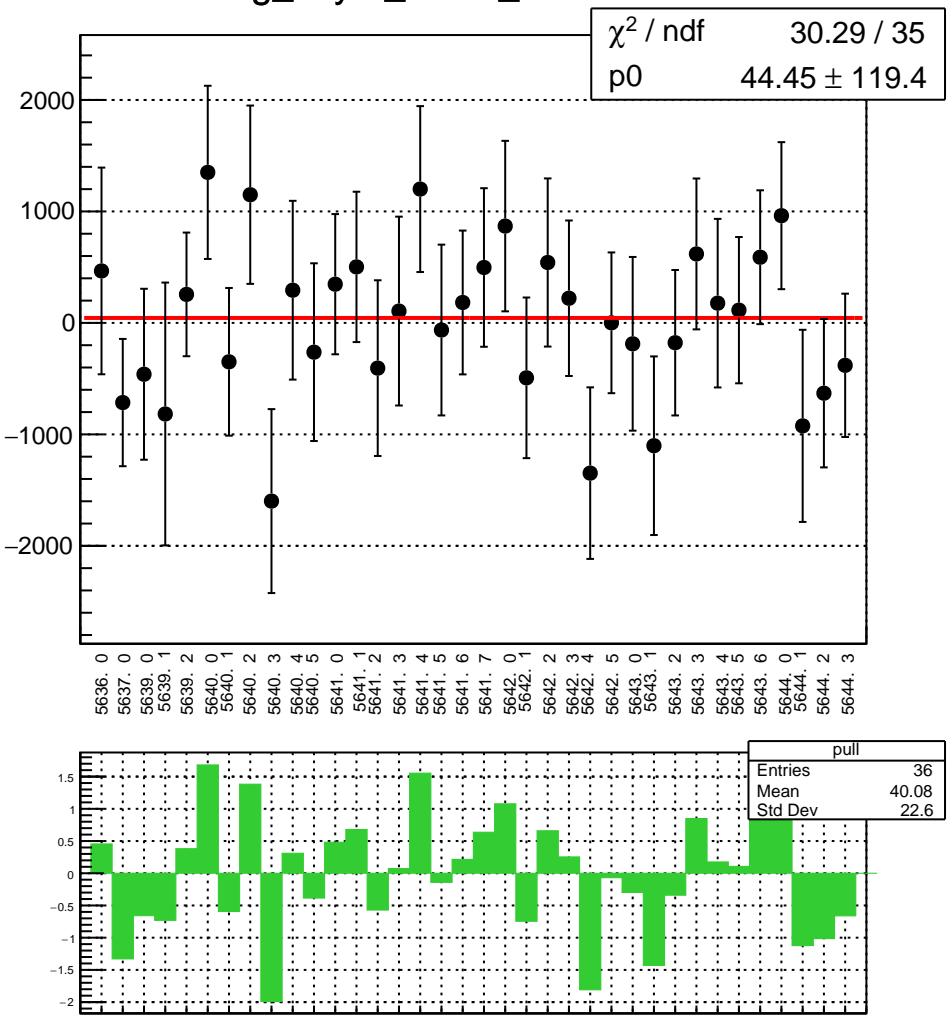
# reg\_asym\_sam7\_rms vs run



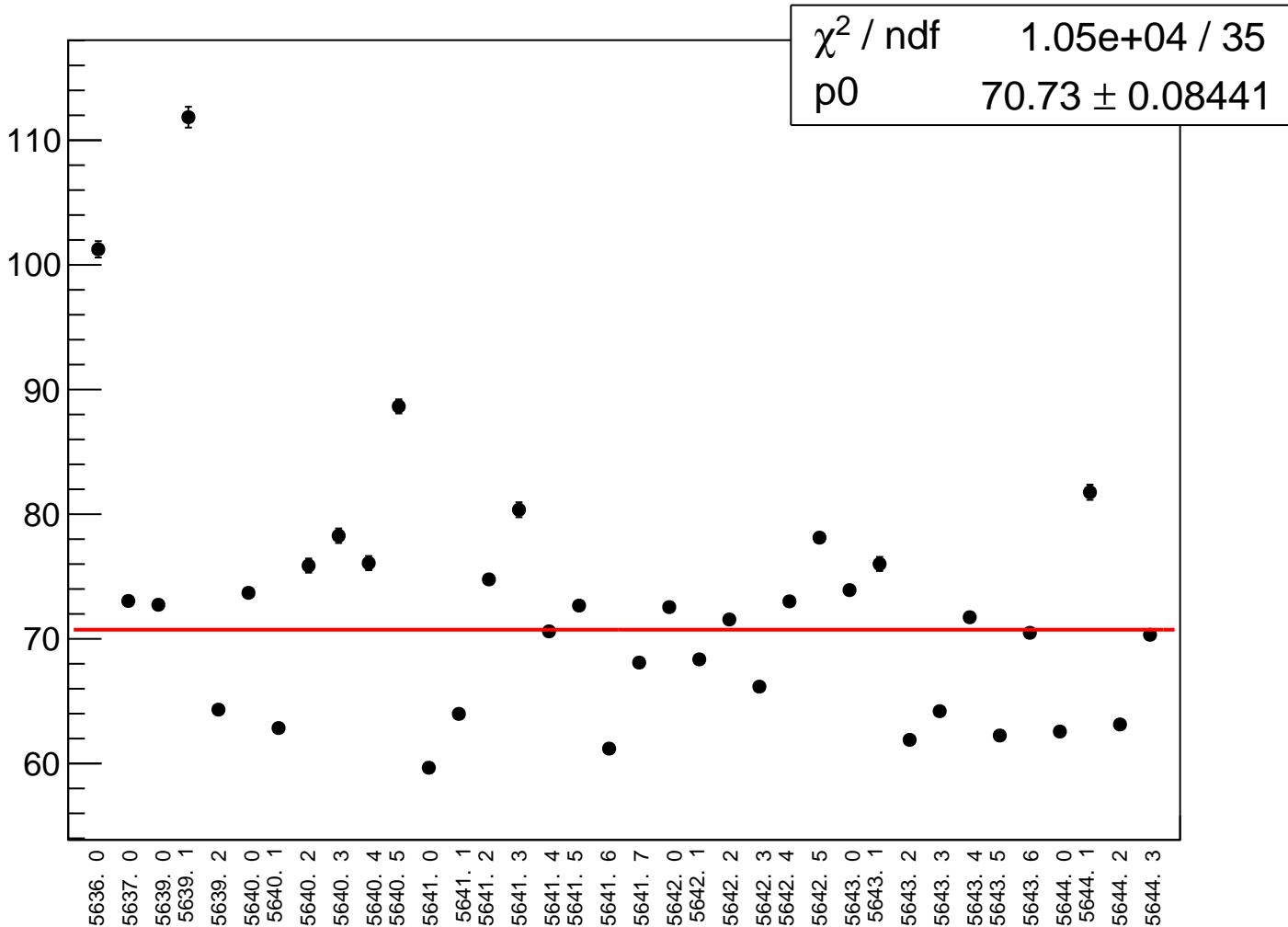


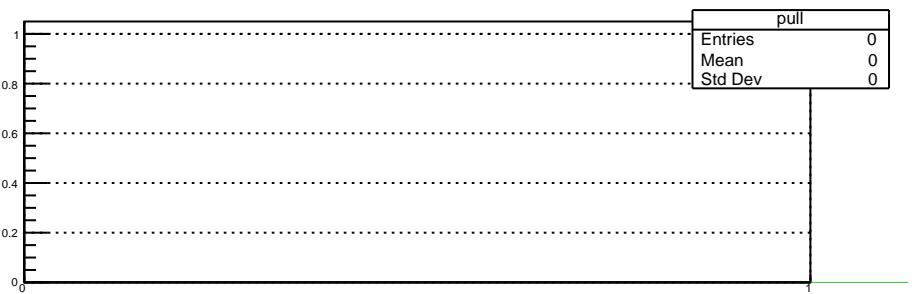
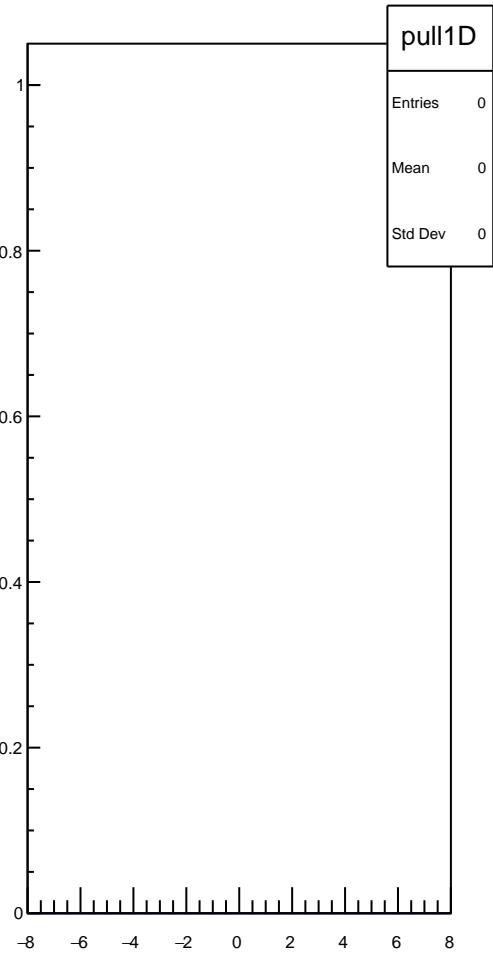


# reg\_asym\_sam8\_mean vs run



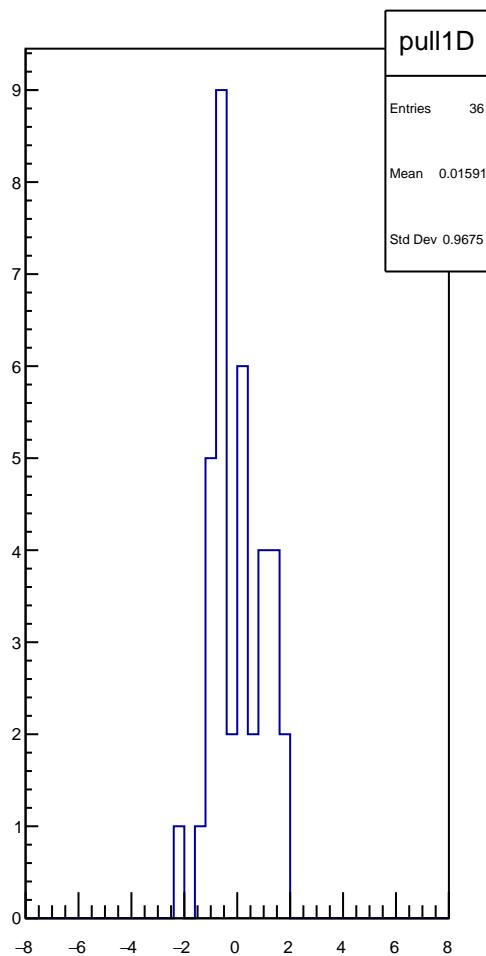
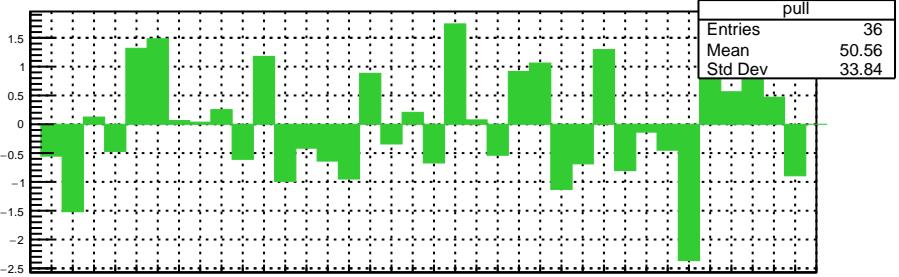
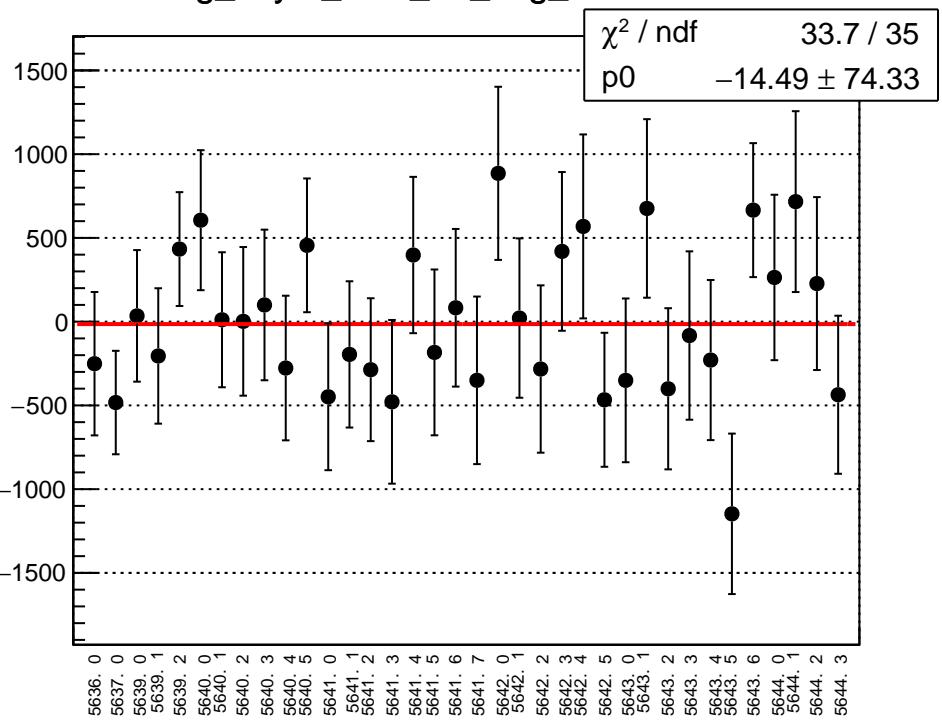
# reg\_asym\_sam8\_rms vs run



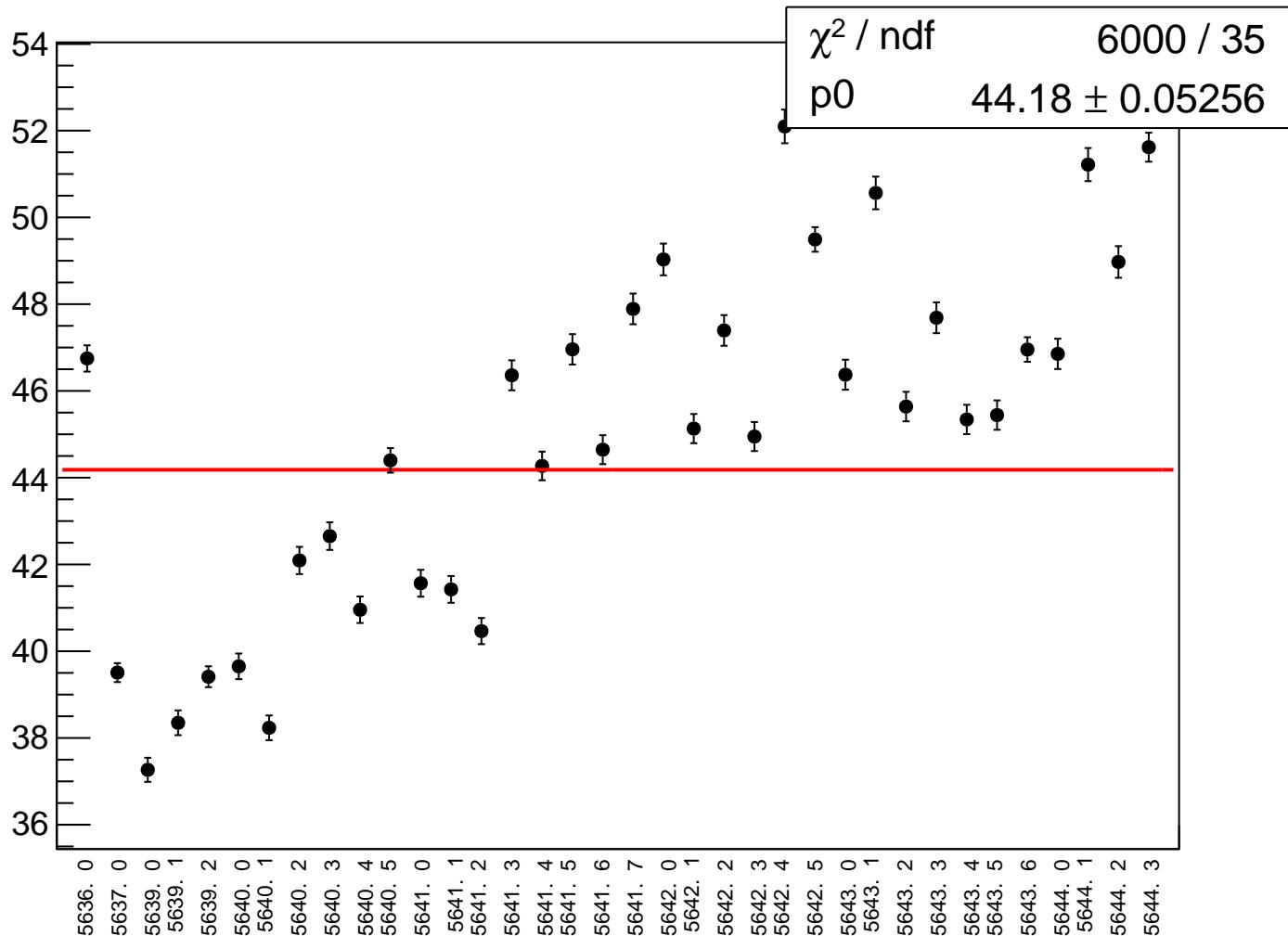




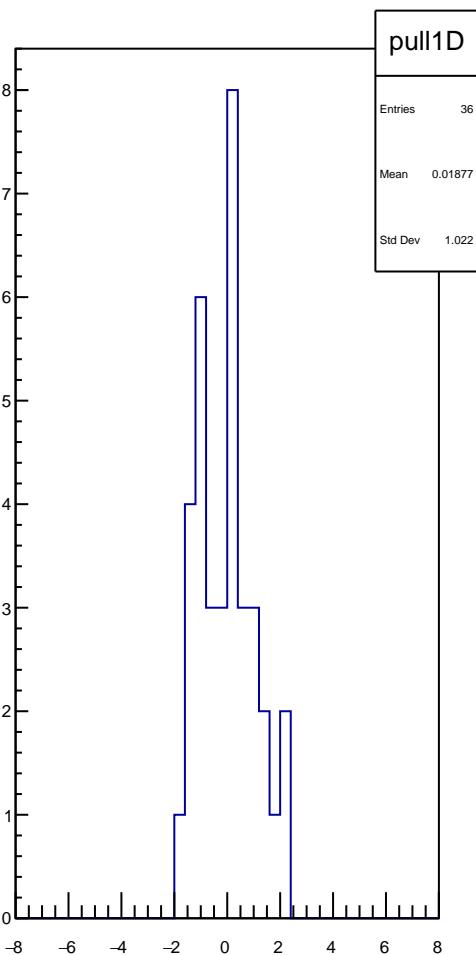
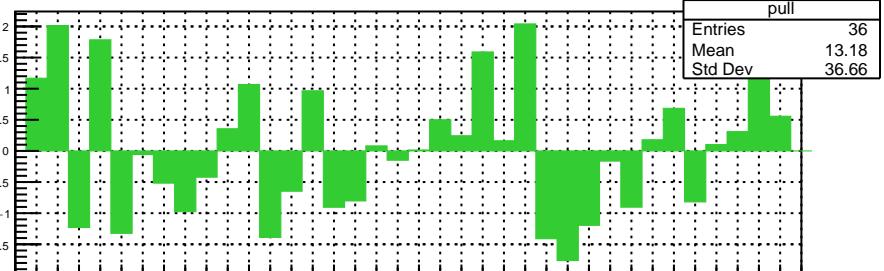
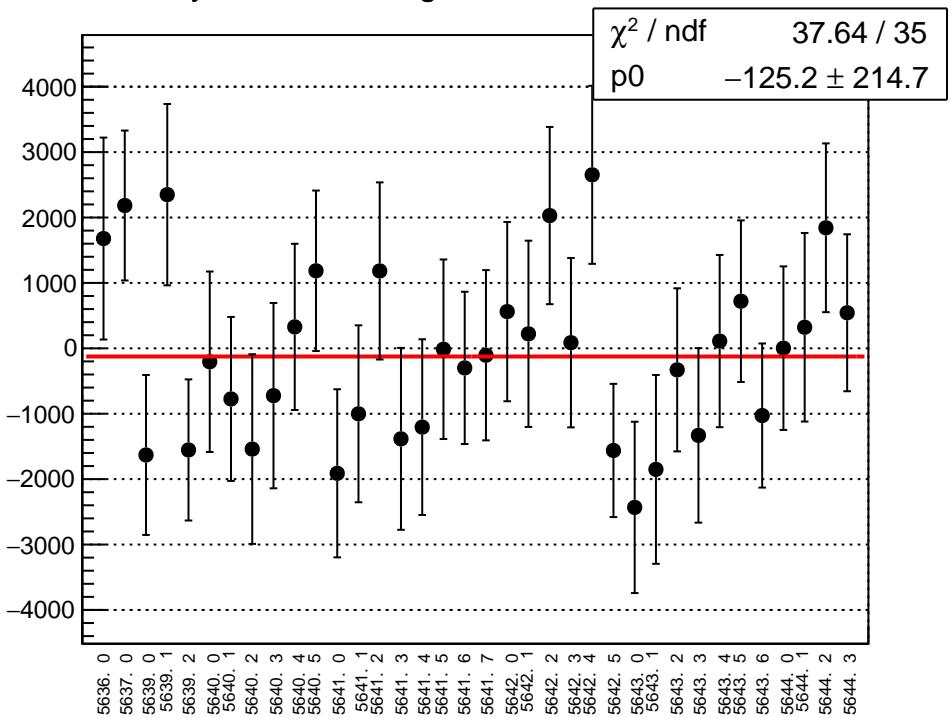
# reg\_asym\_sam\_15\_avg\_mean vs run



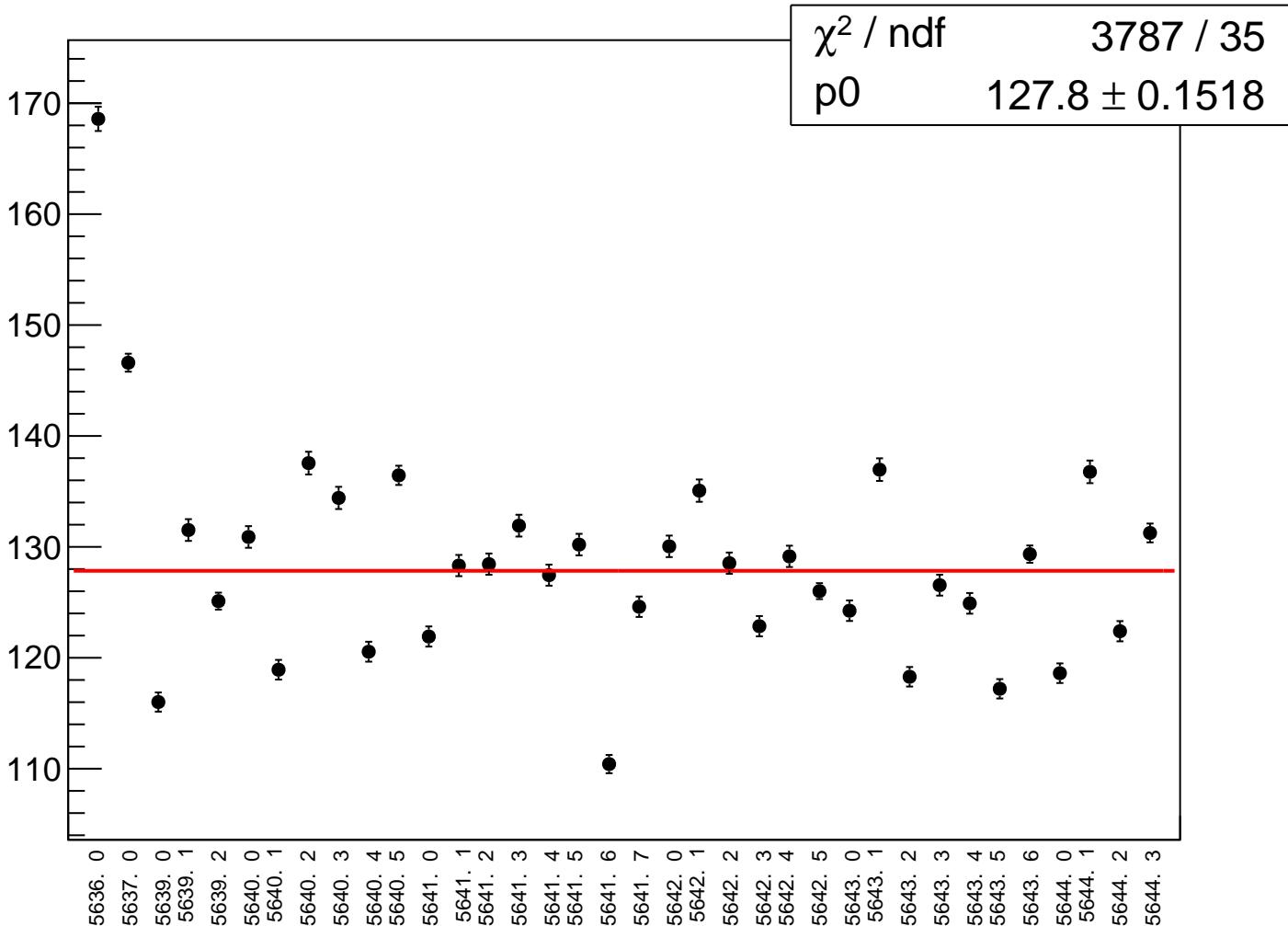
# reg\_asym\_sam\_15\_avg\_rms vs run



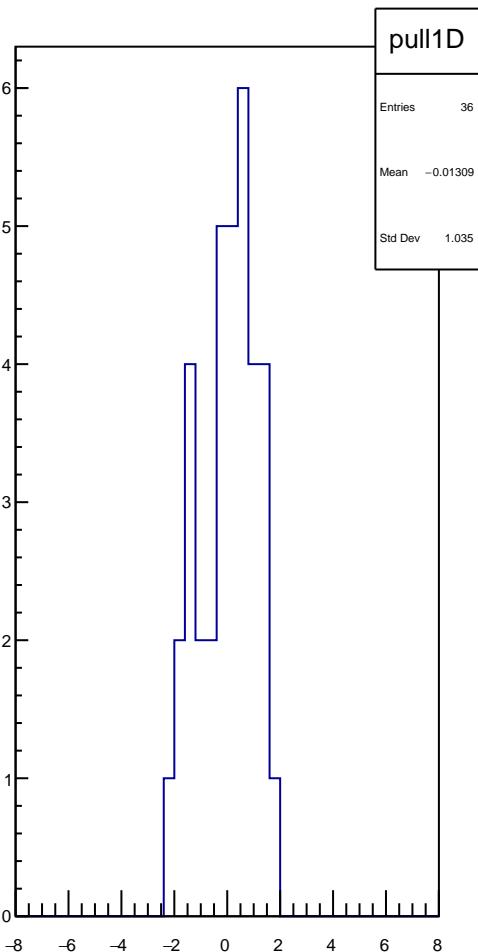
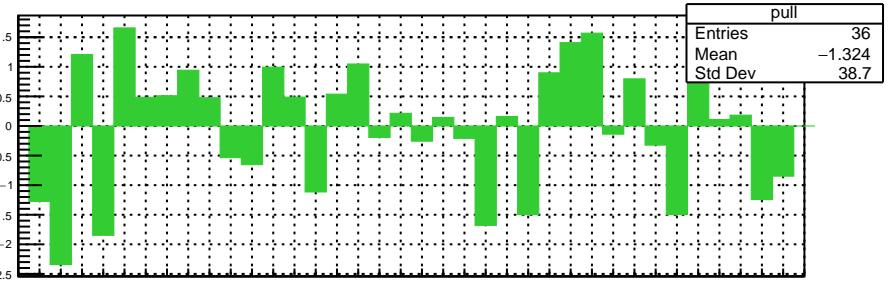
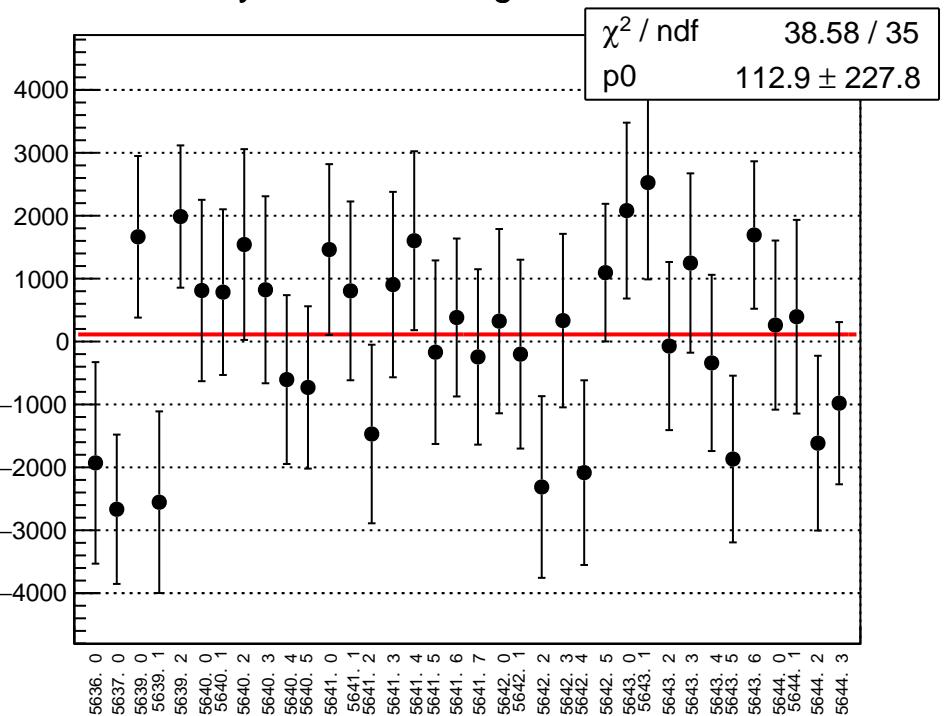
# asym\_sam\_15\_avg\_correction\_mean vs run



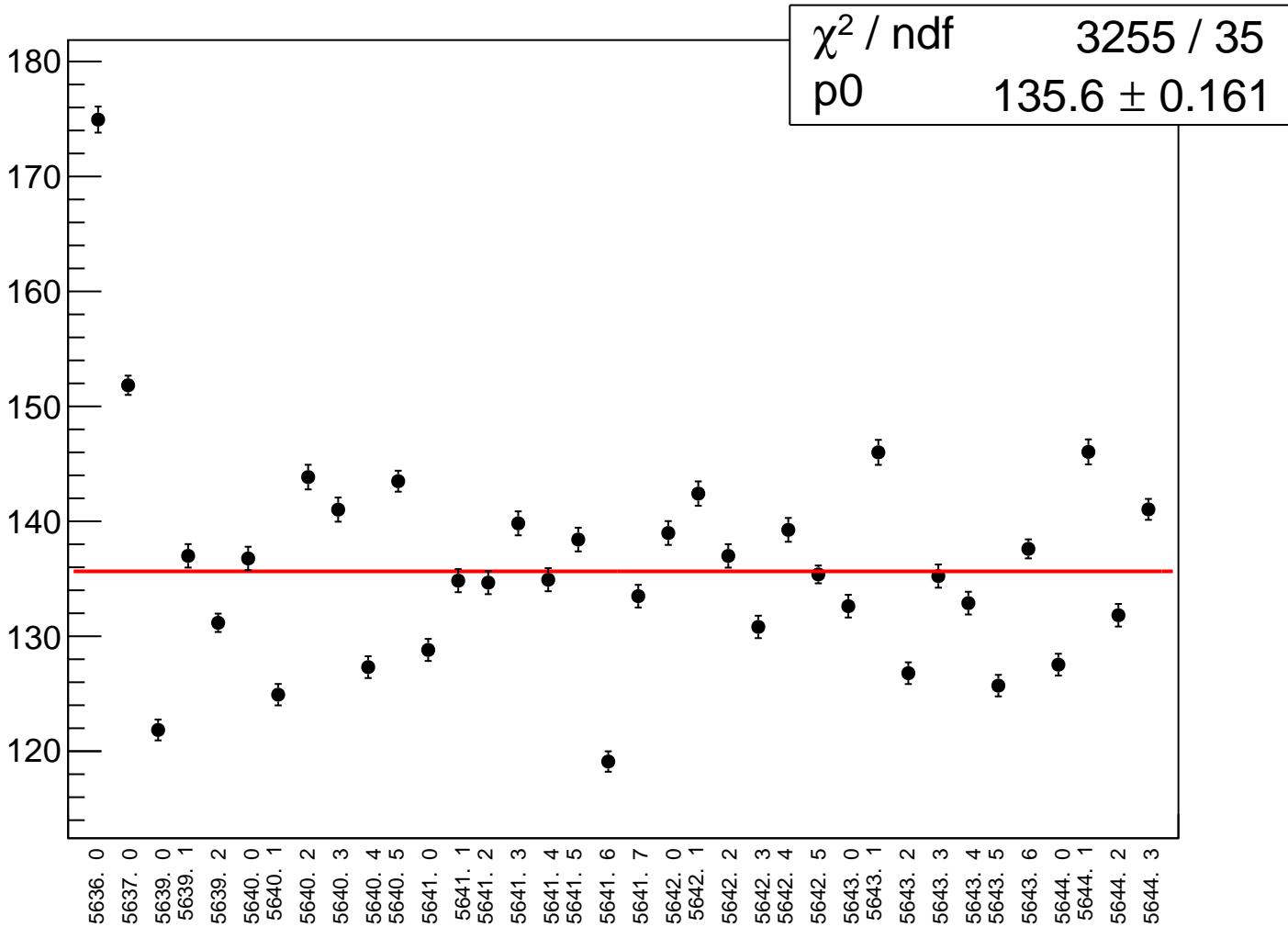
# asym\_sam\_15\_avg\_correction\_rms vs run



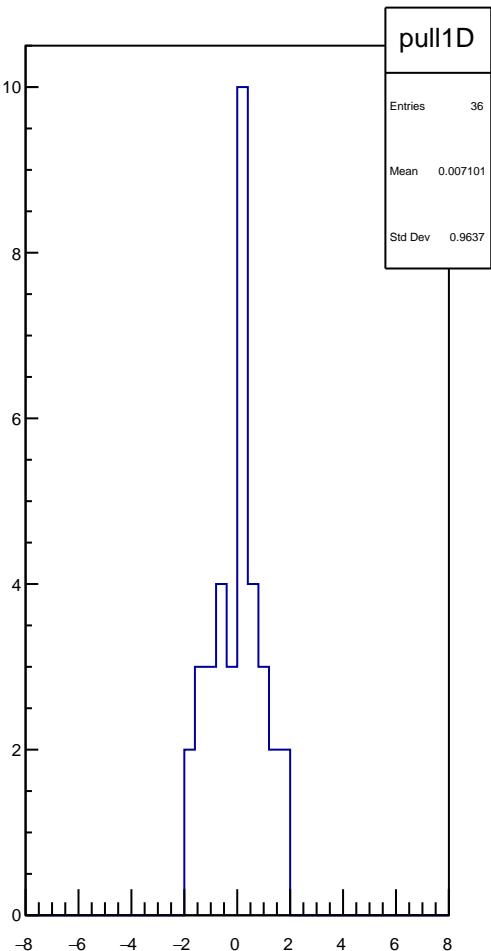
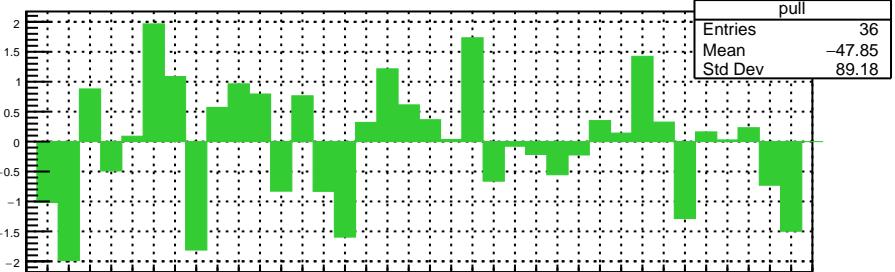
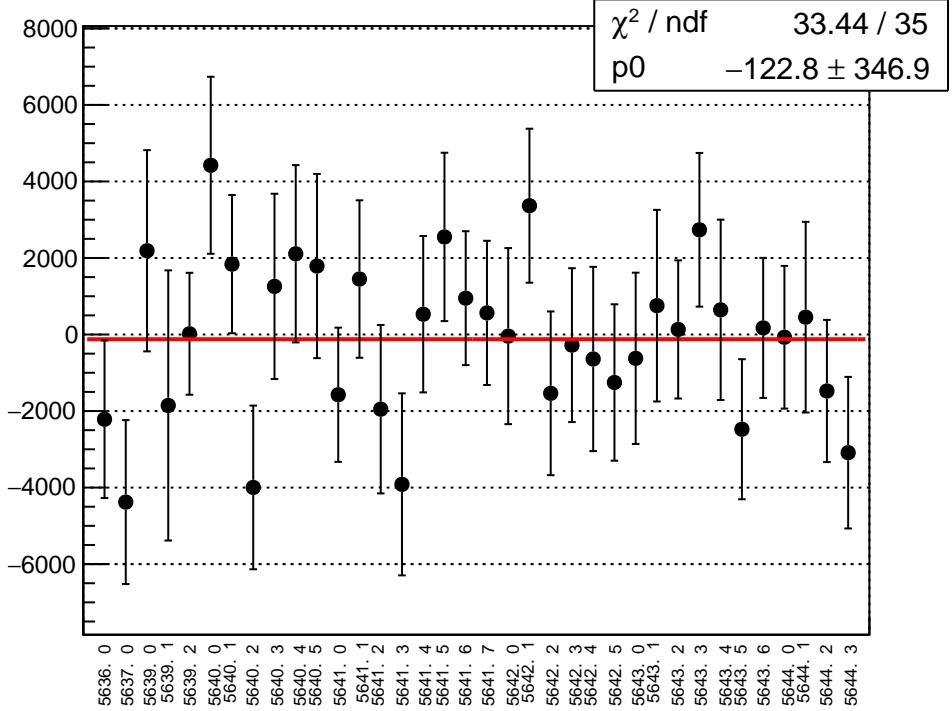
# asym\_sam\_15\_avg\_mean vs run



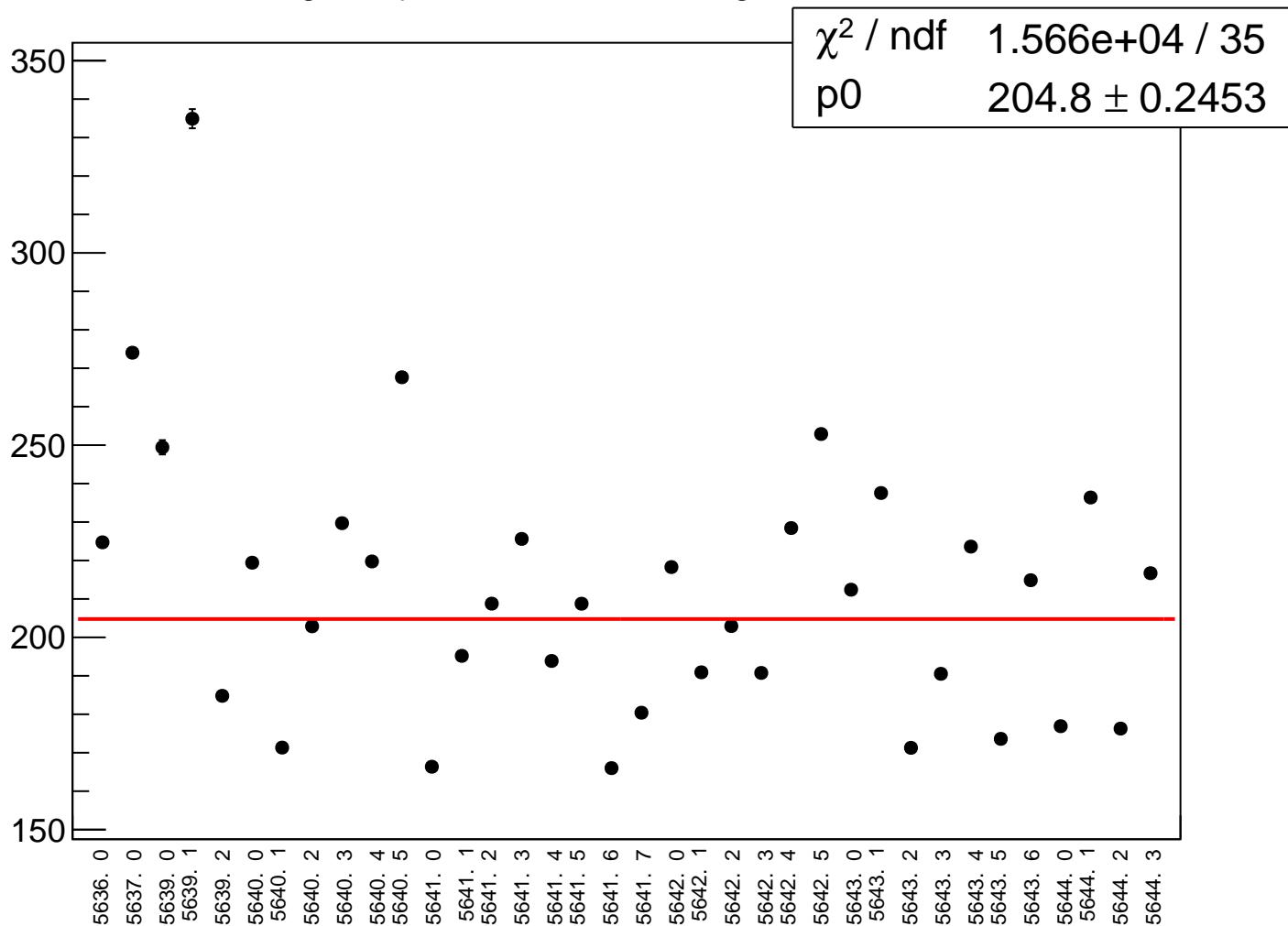
# asym\_sam\_15\_avg\_rms vs run



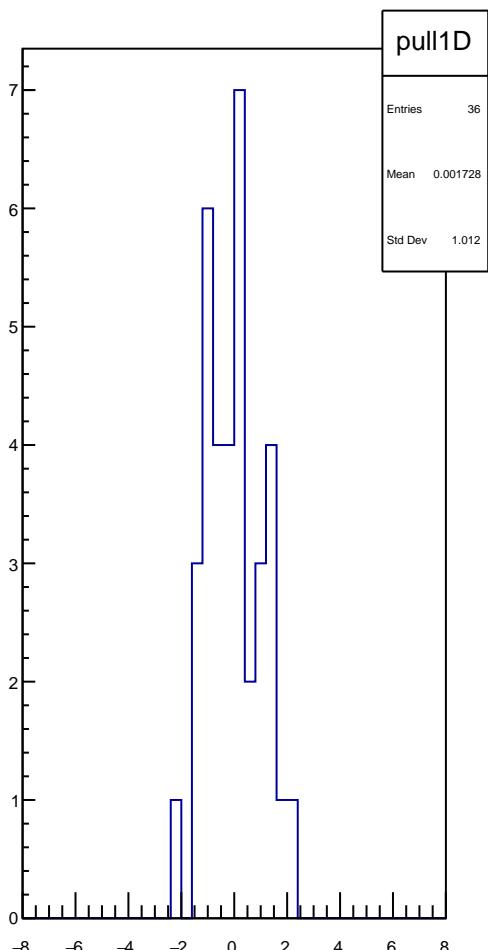
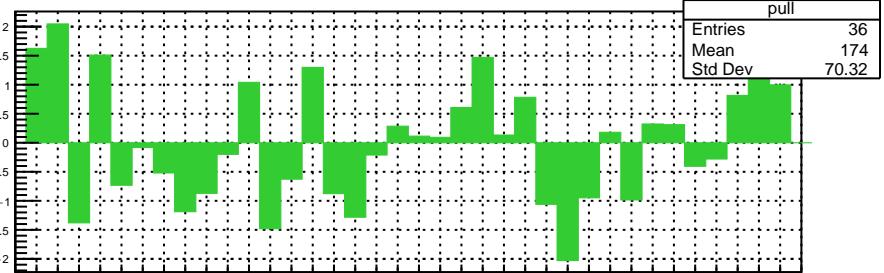
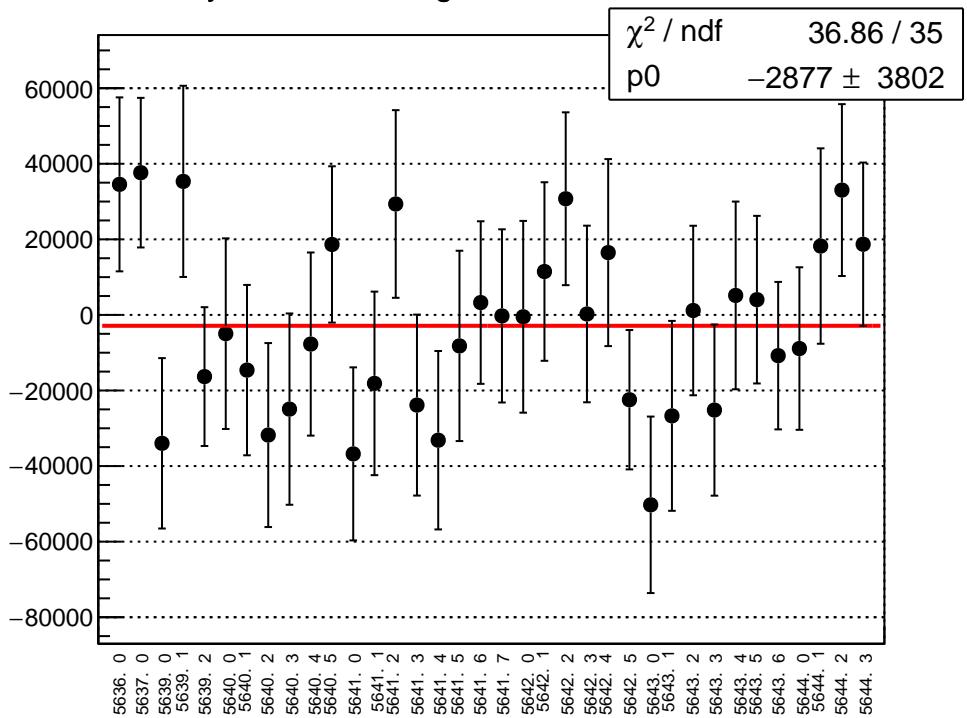
# reg\_asym\_sam\_26\_avg\_mean vs run



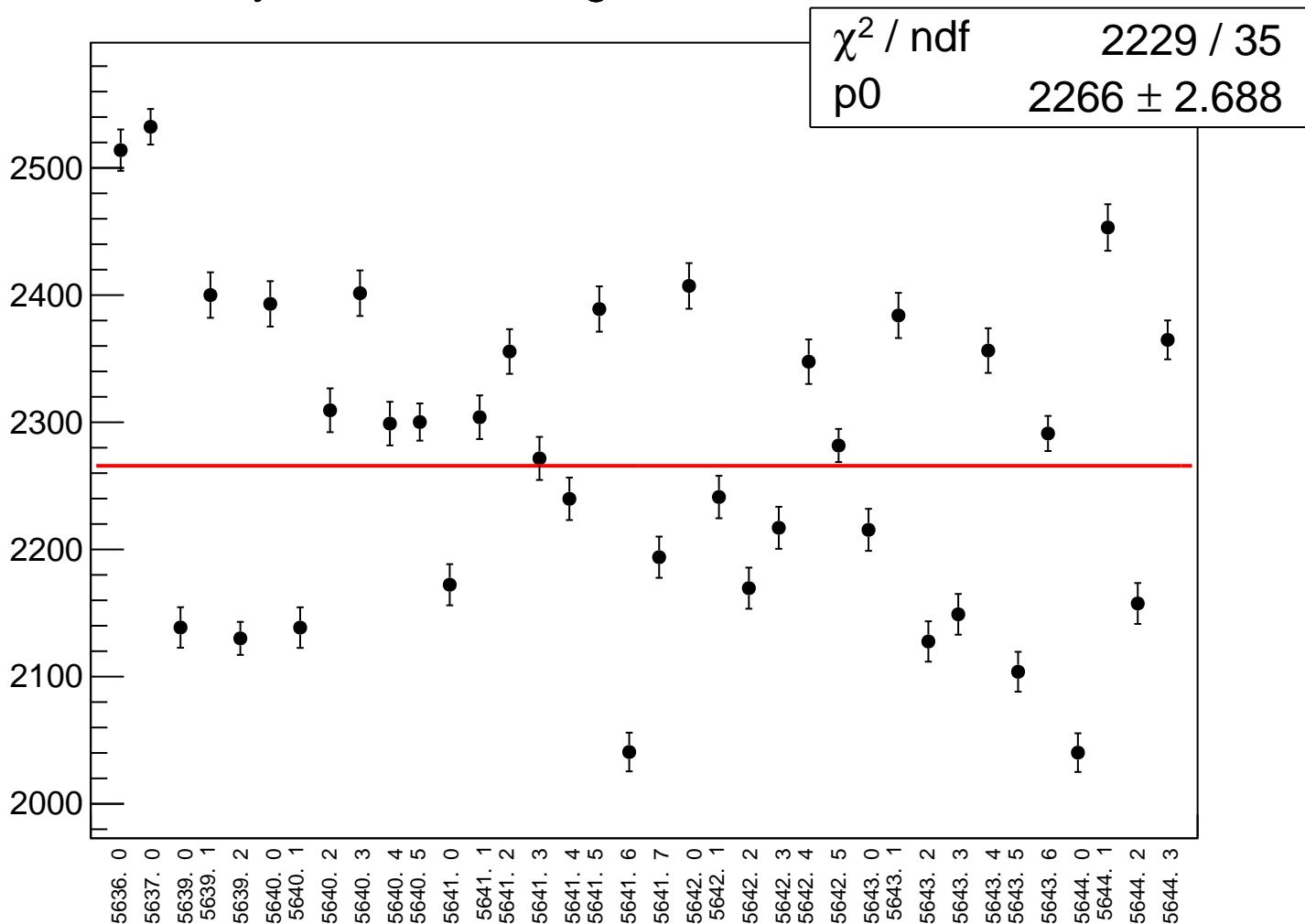
# reg\_asym\_sam\_26\_avg\_rms vs run



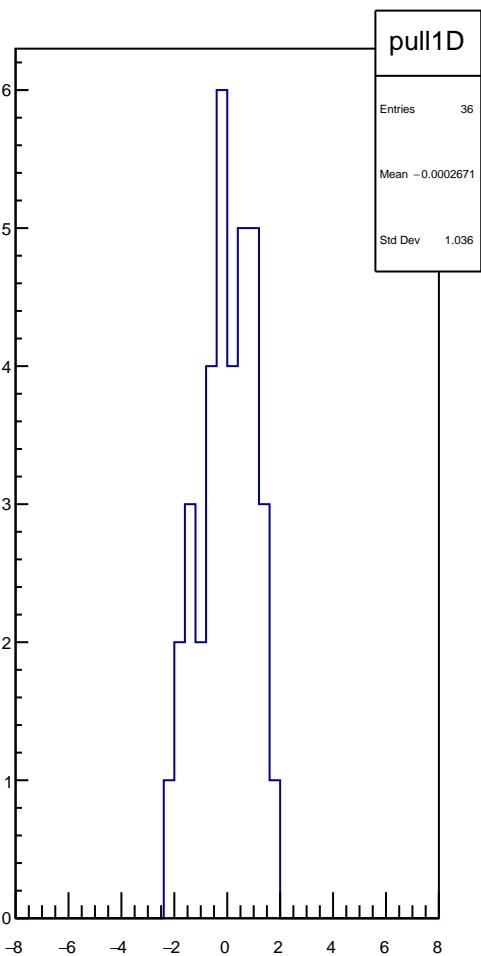
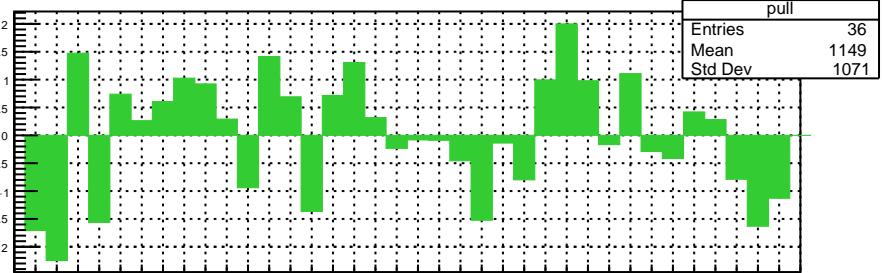
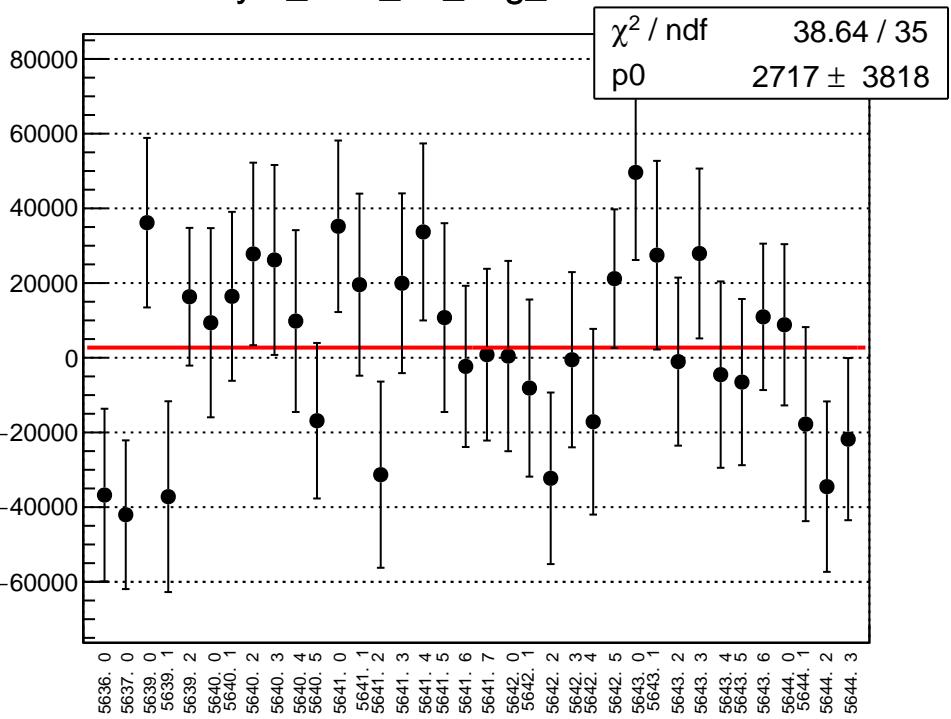
# asym\_sam\_26\_avg\_correction\_mean vs run



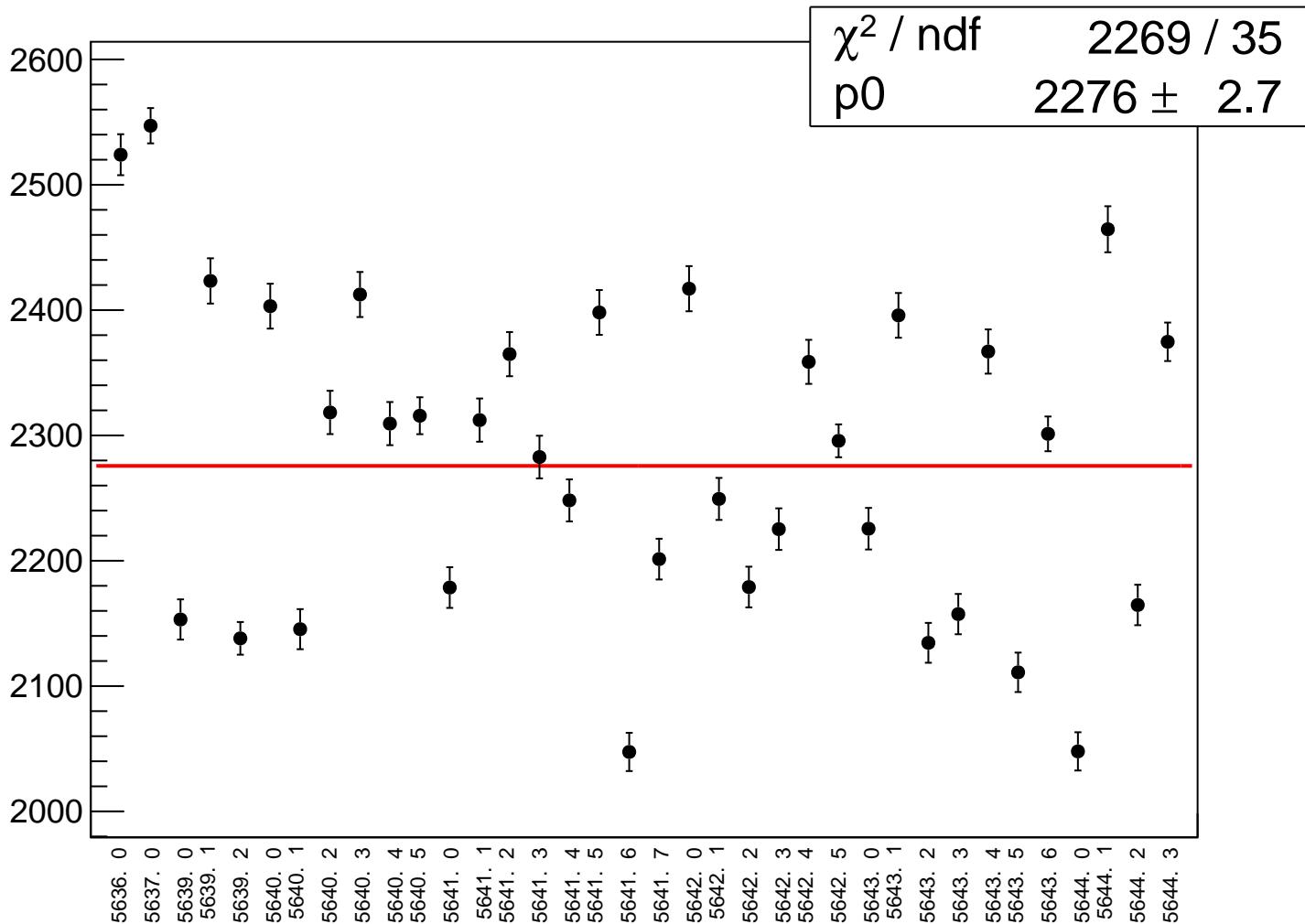
# asym\_sam\_26\_avg\_correction\_rms vs run



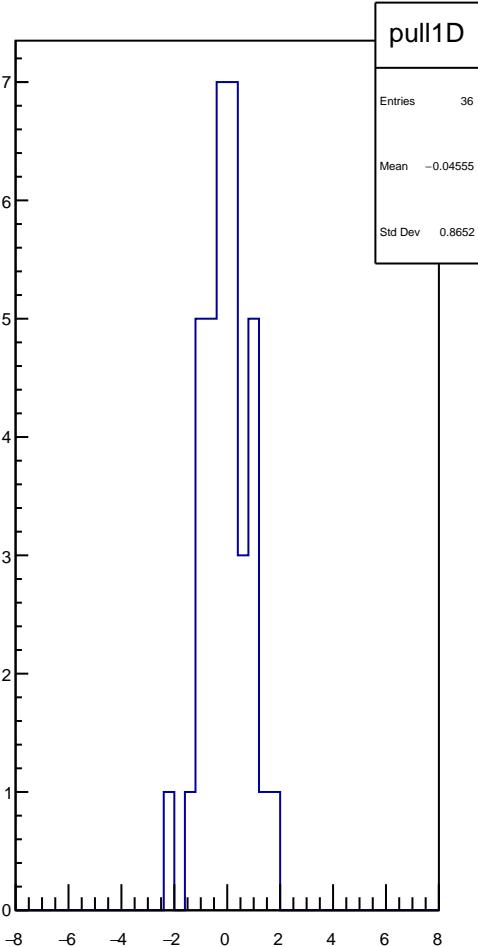
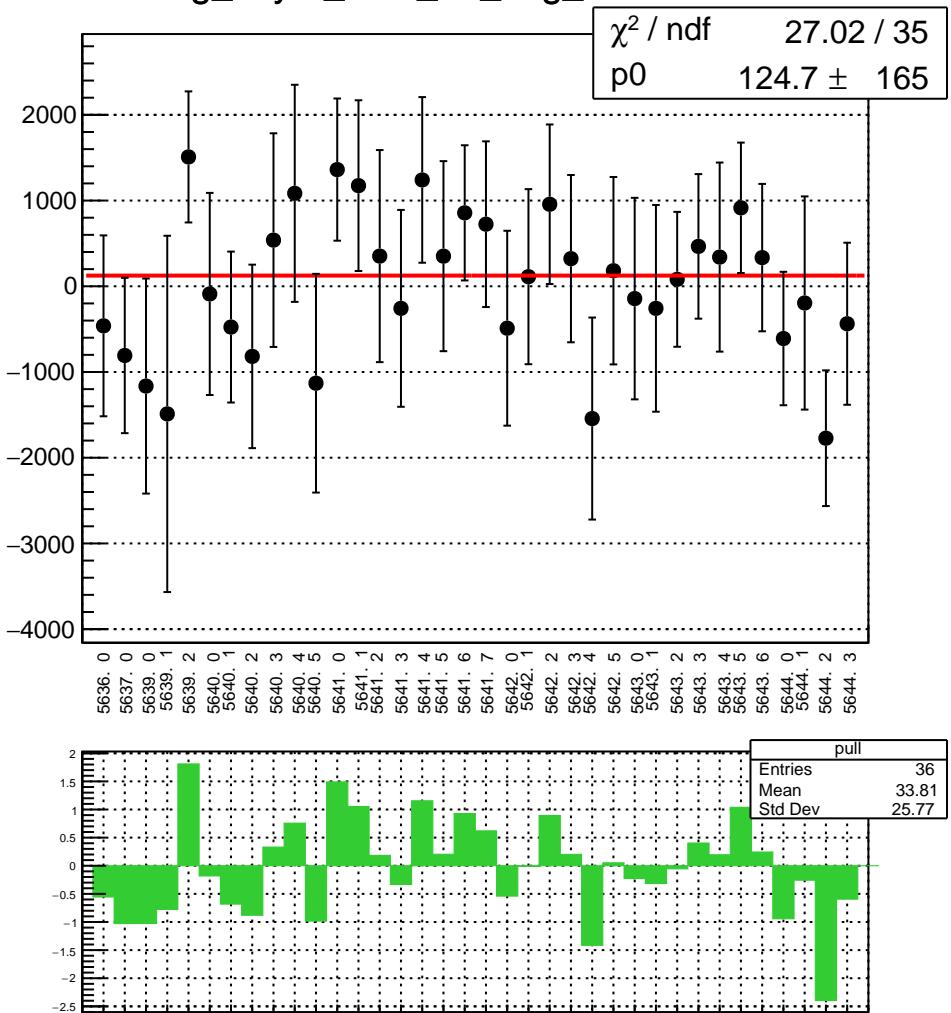
# asym\_sam\_26\_avg\_mean vs run



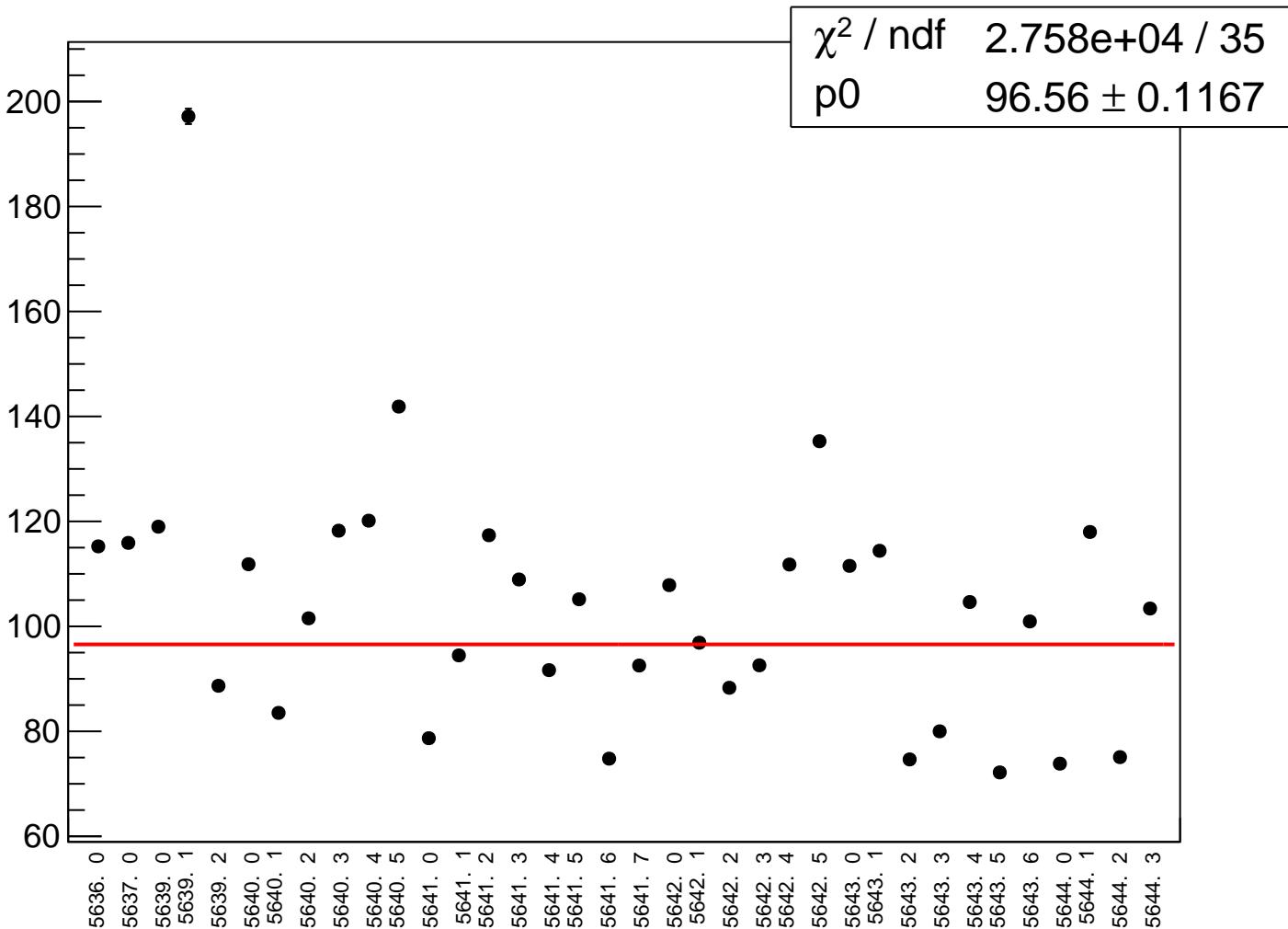
# asym\_sam\_26\_avg\_rms vs run



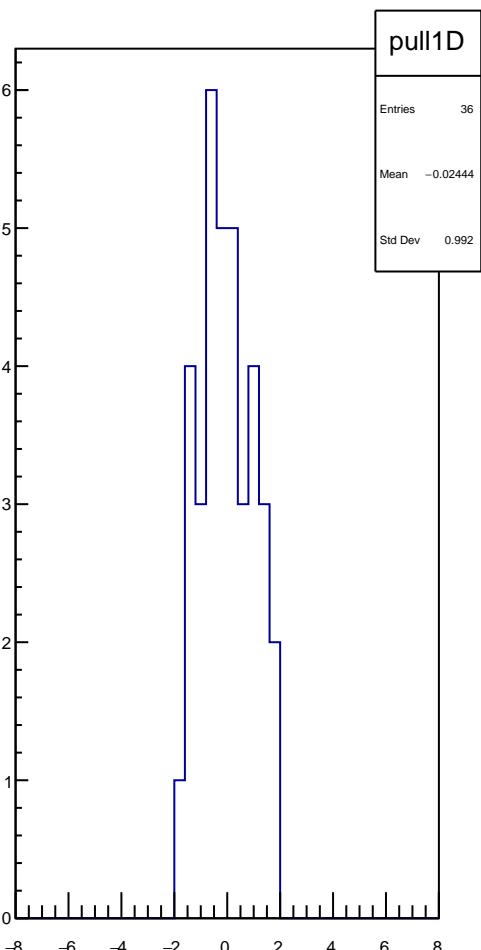
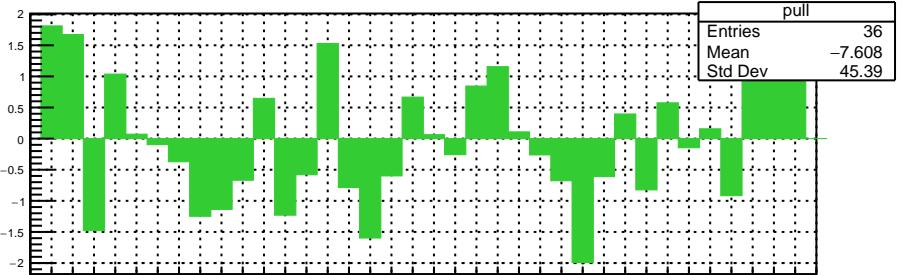
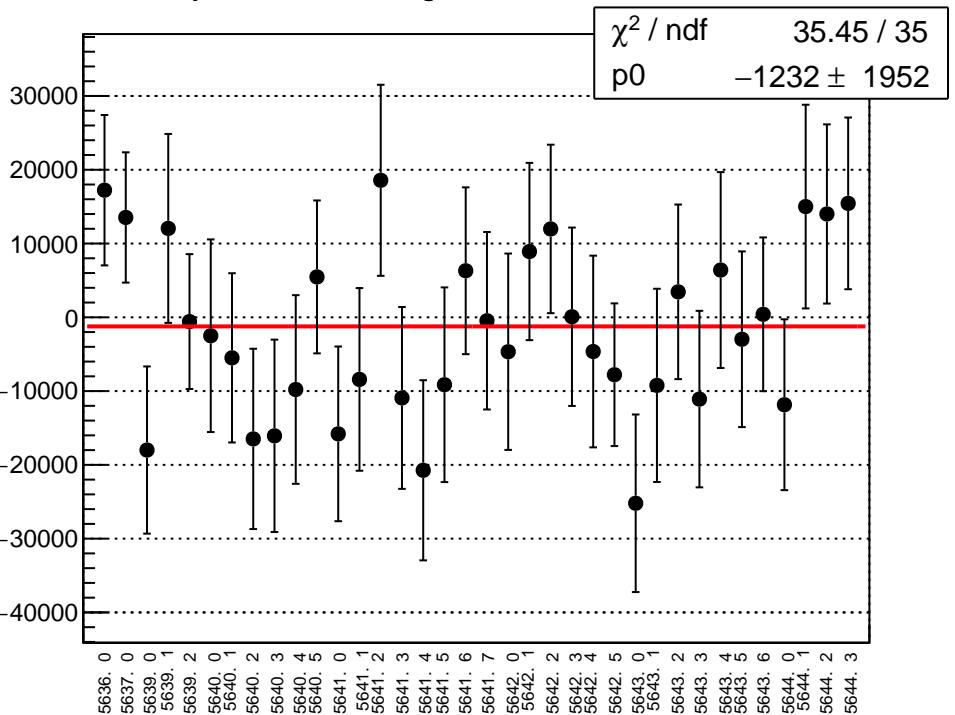
# reg\_asym\_sam\_37\_avg\_mean vs run



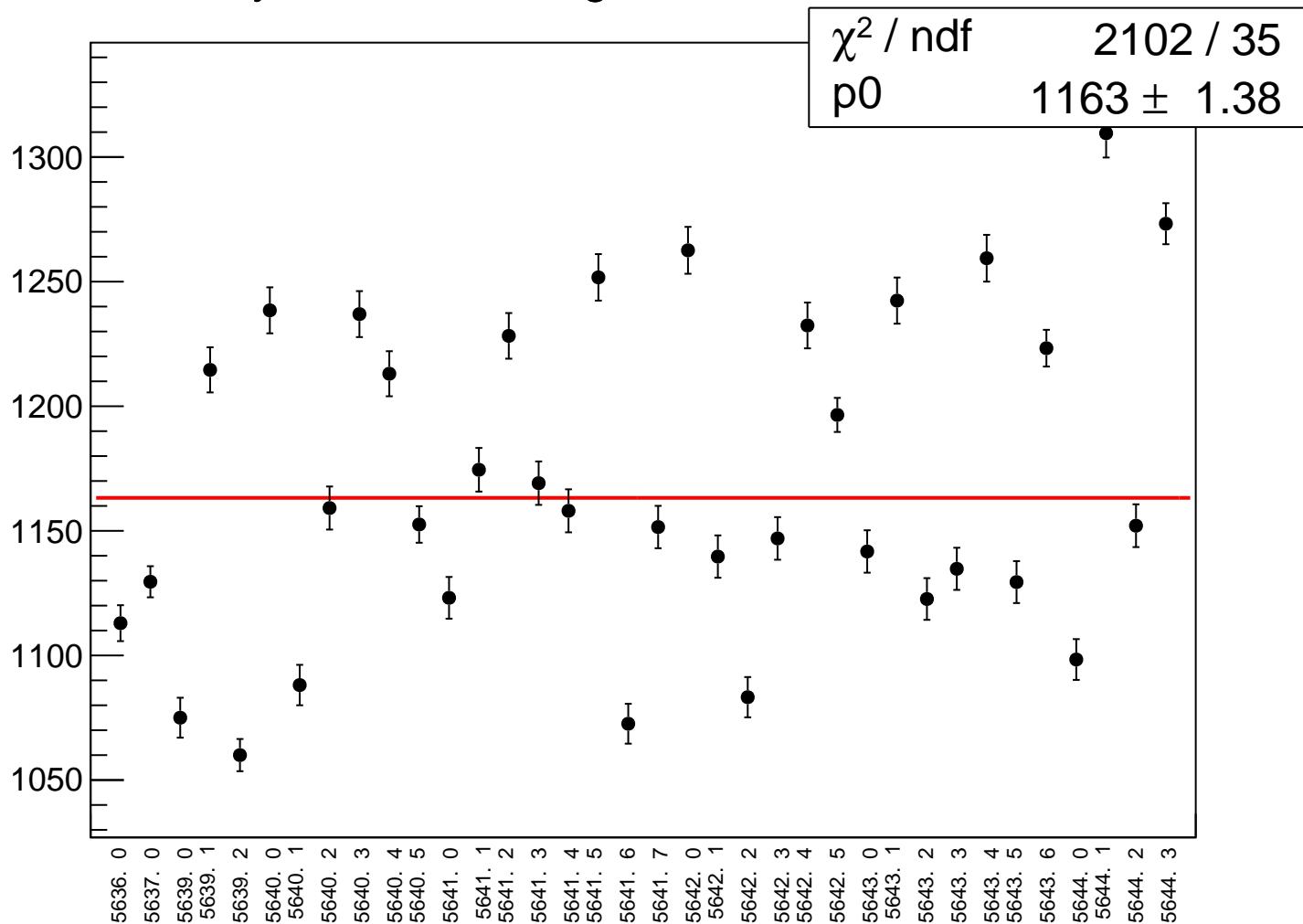
# reg\_asym\_sam\_37\_avg\_rms vs run



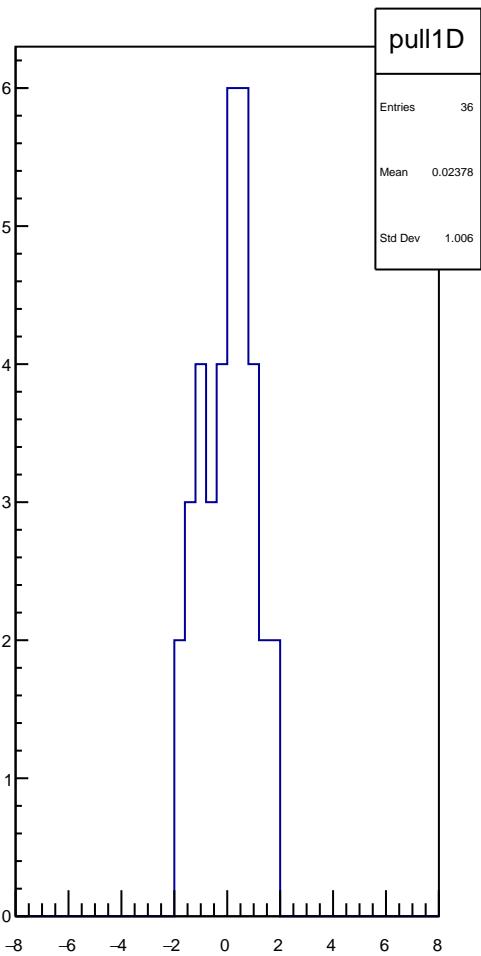
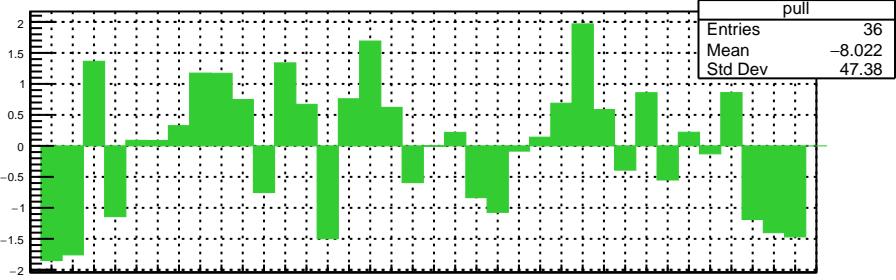
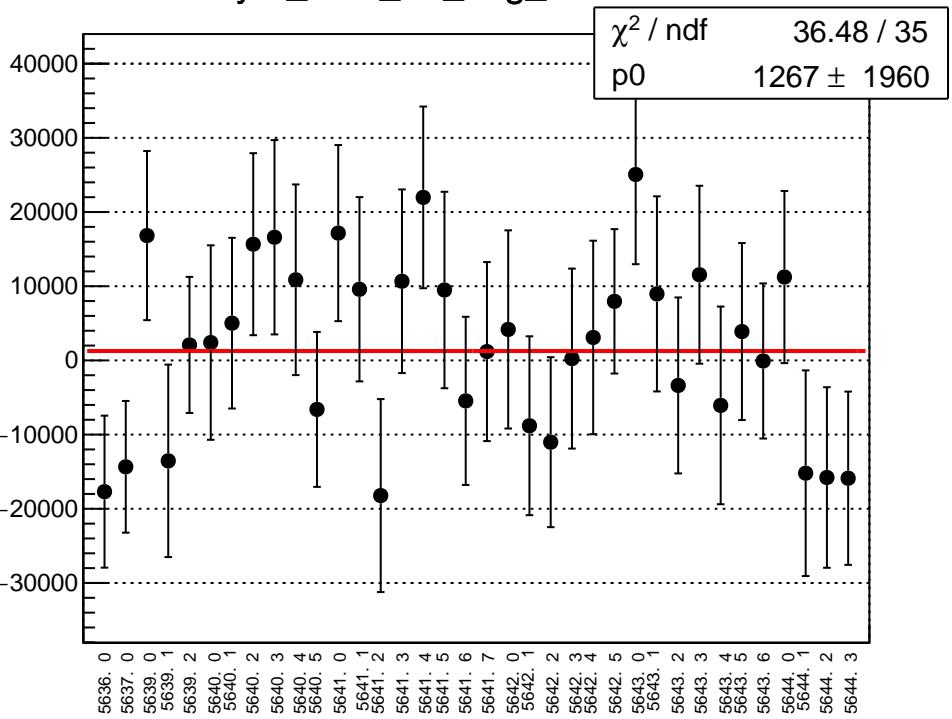
# asym\_sam\_37\_avg\_correction\_mean vs run



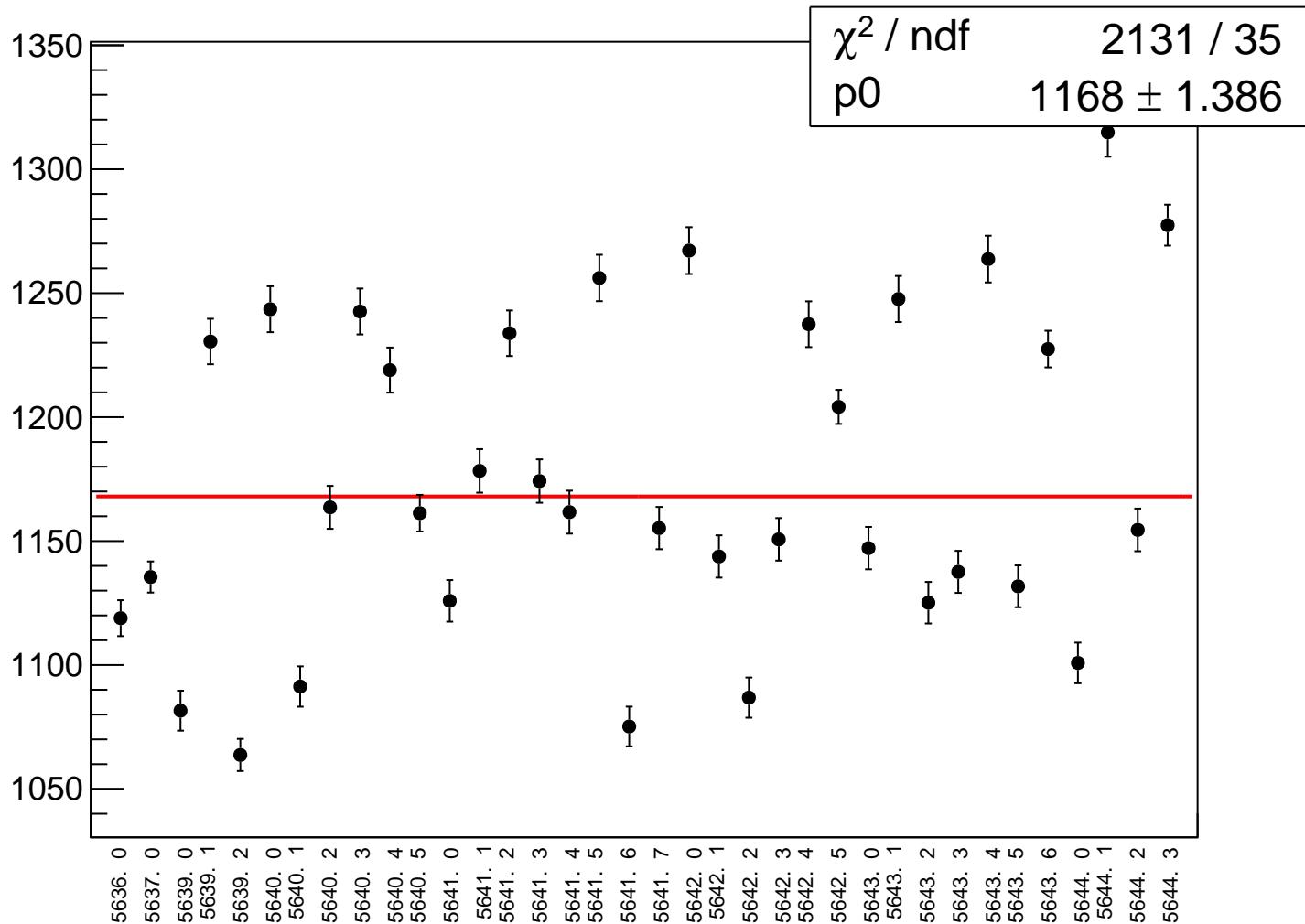
# asym\_sam\_37\_avg\_correction\_rms vs run



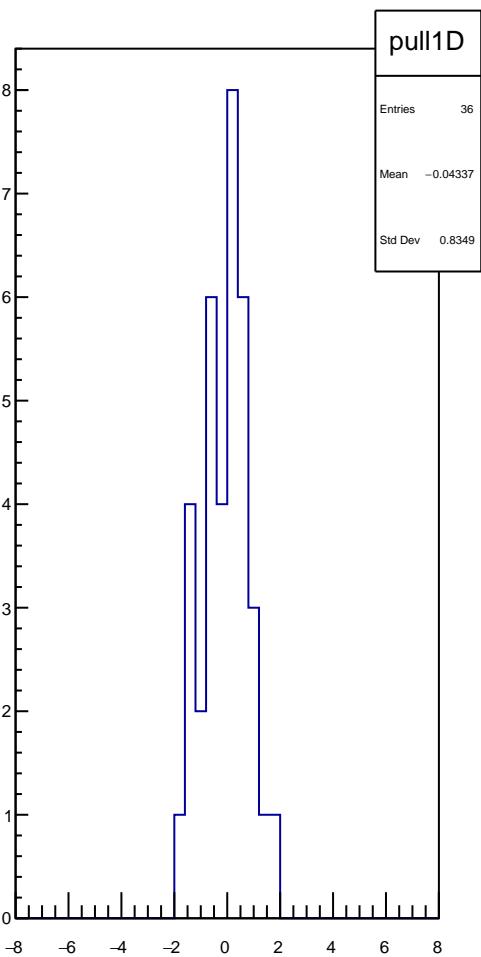
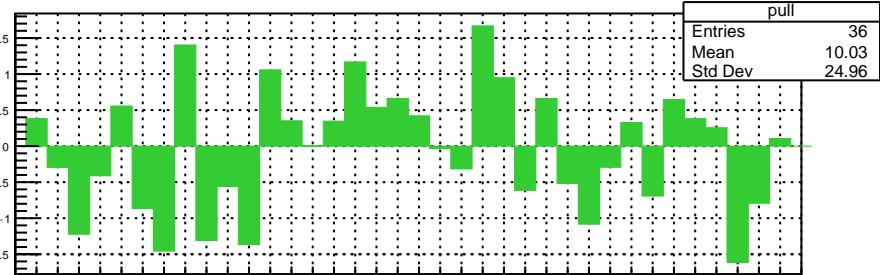
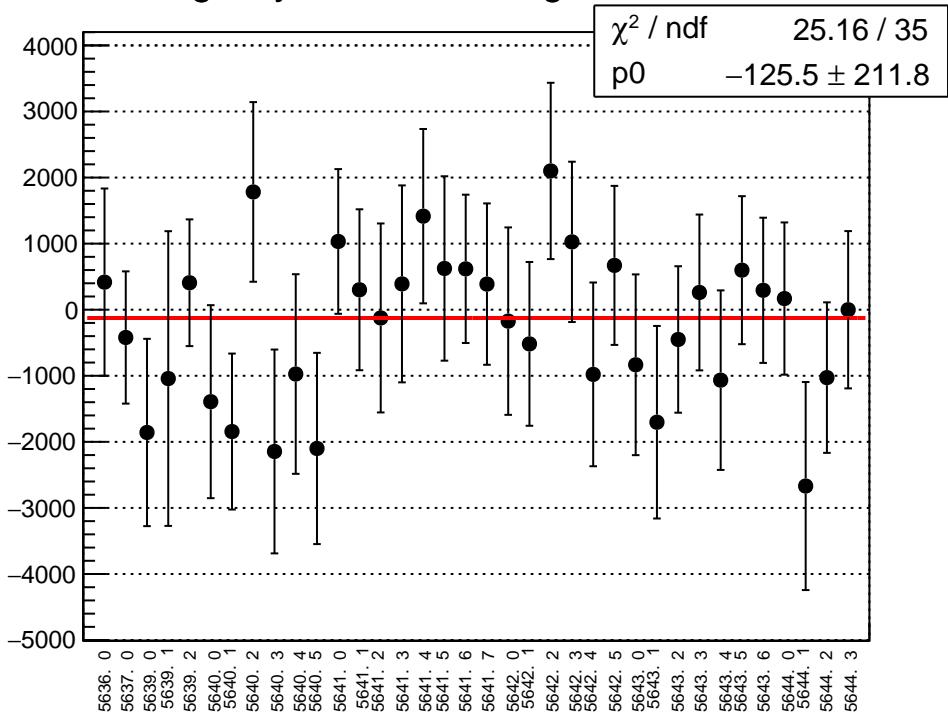
# asym\_sam\_37\_avg\_mean vs run



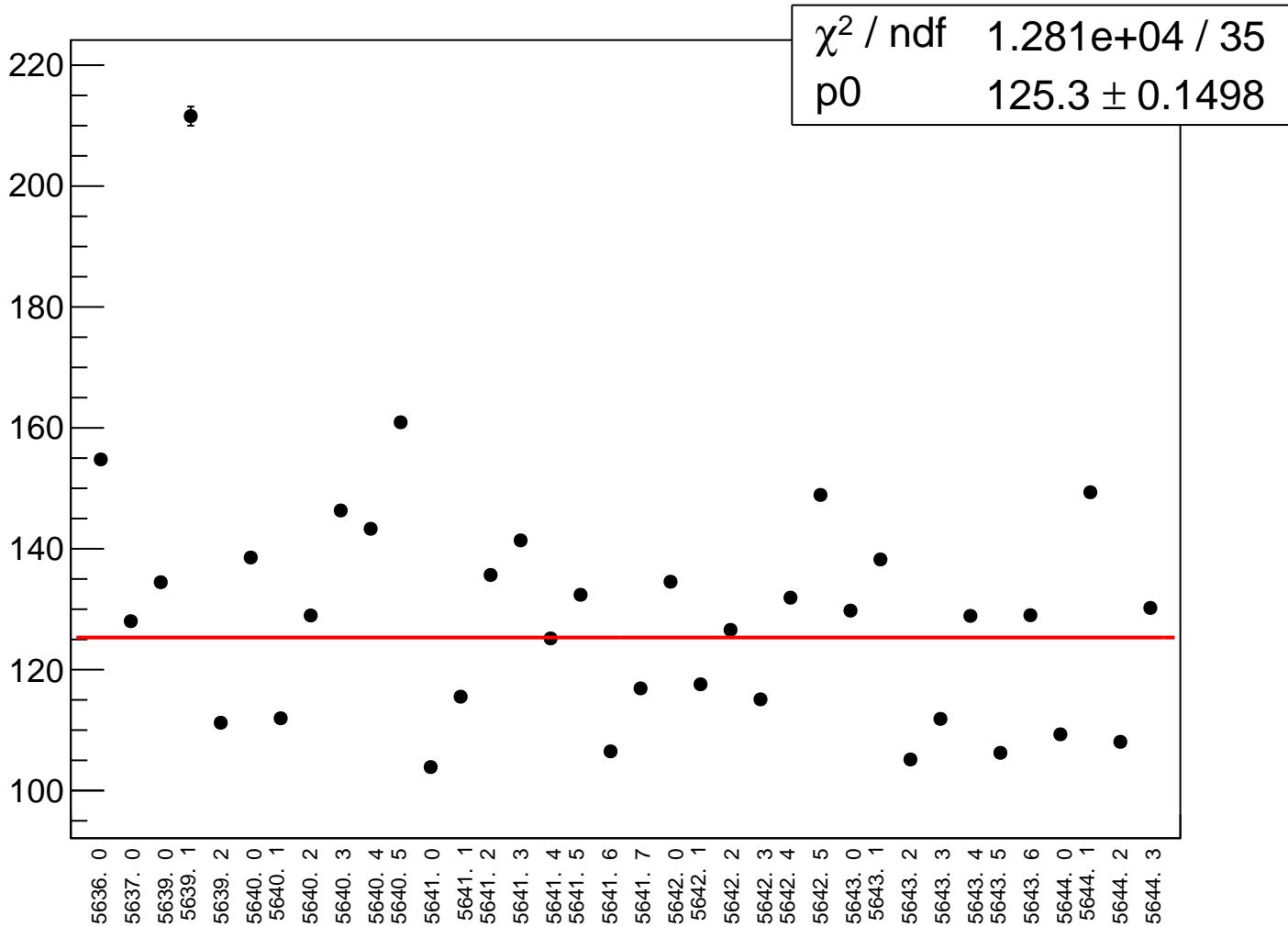
# asym\_sam\_37\_avg\_rms vs run



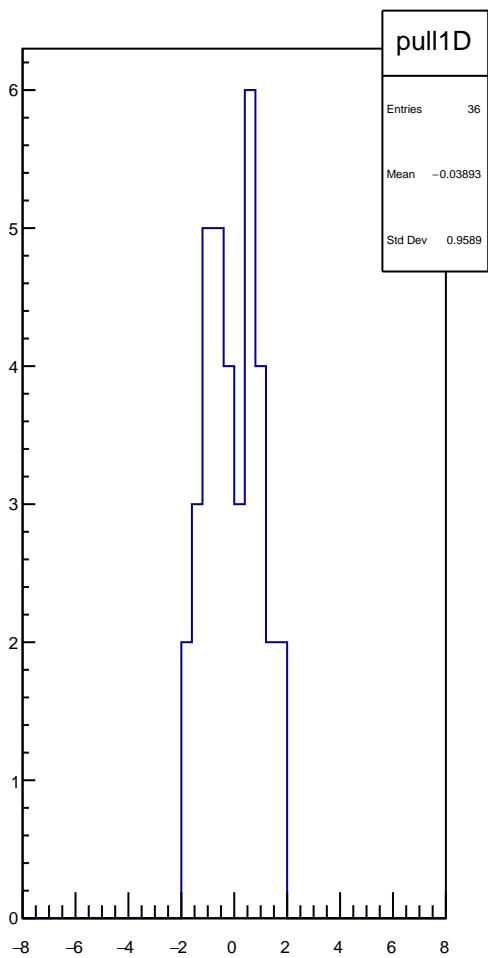
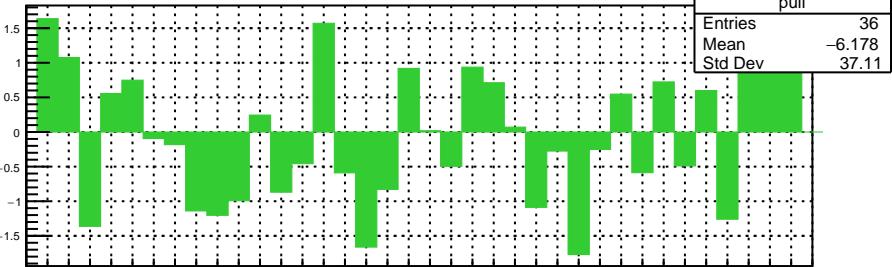
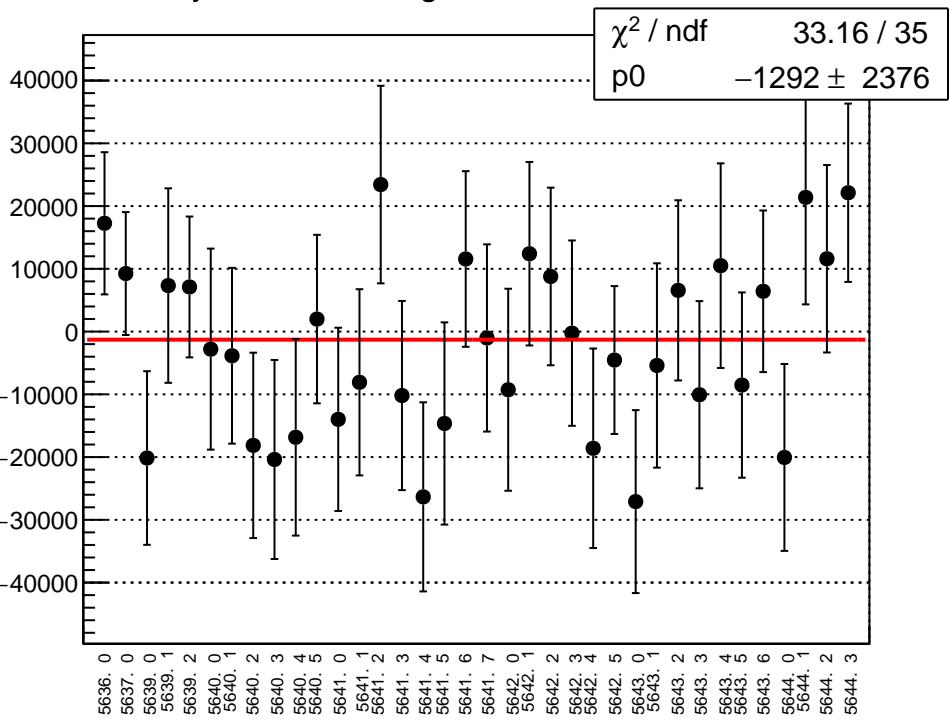
# reg\_asym\_sam\_48\_avg\_mean vs run



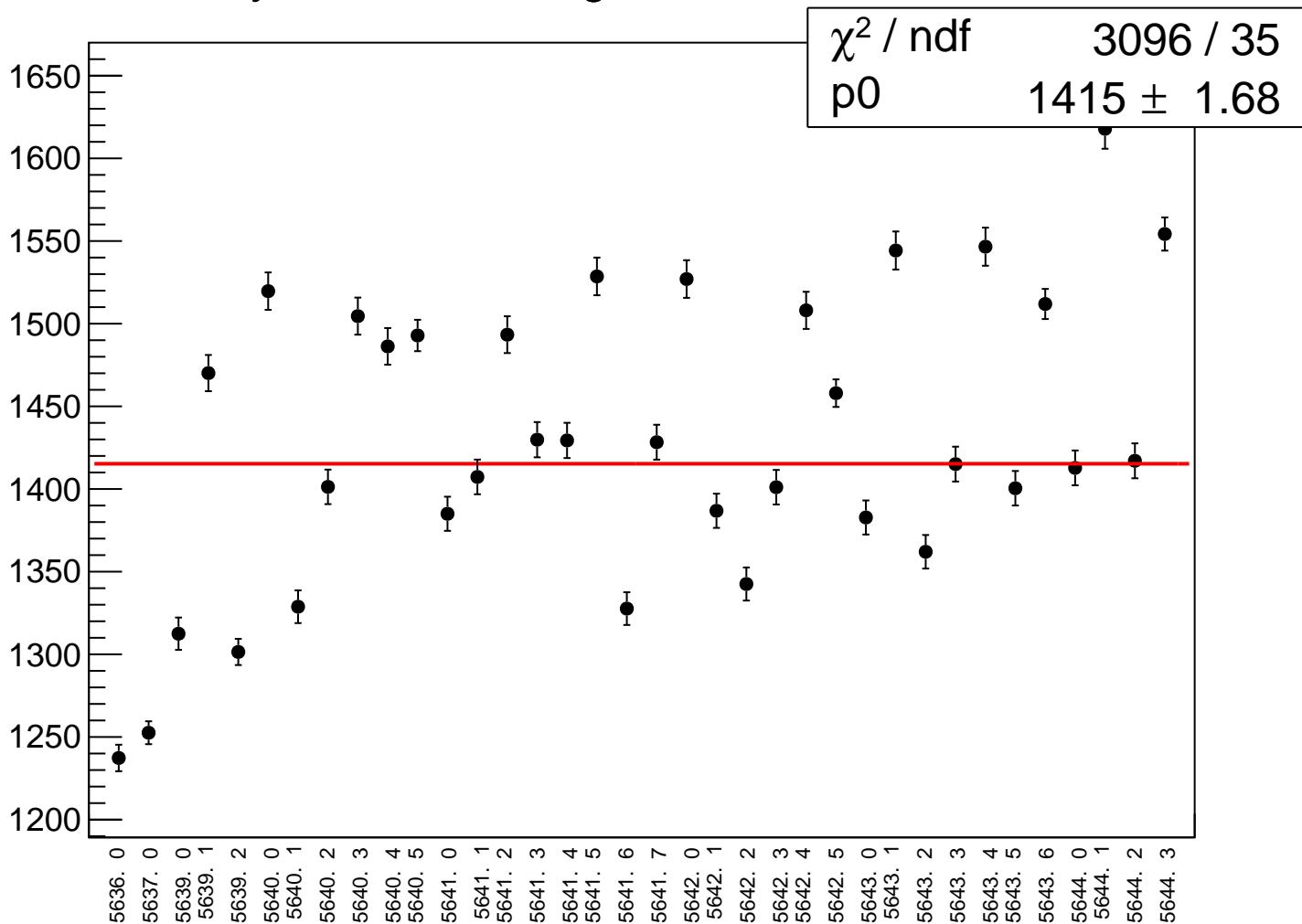
# reg\_asym\_sam\_48\_avg\_rms vs run



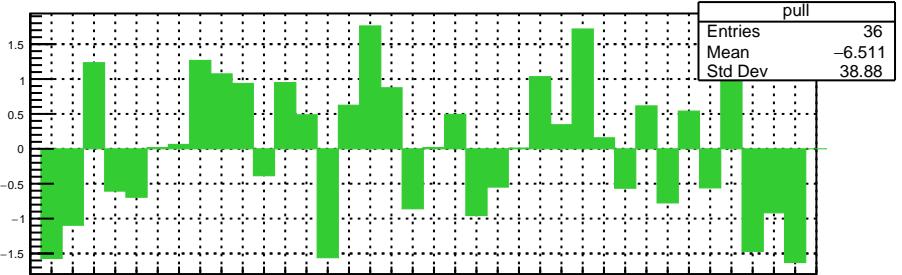
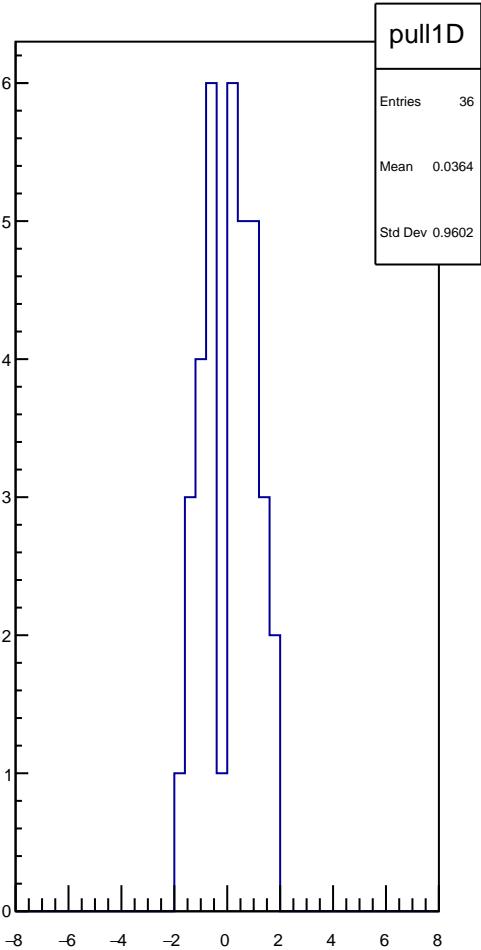
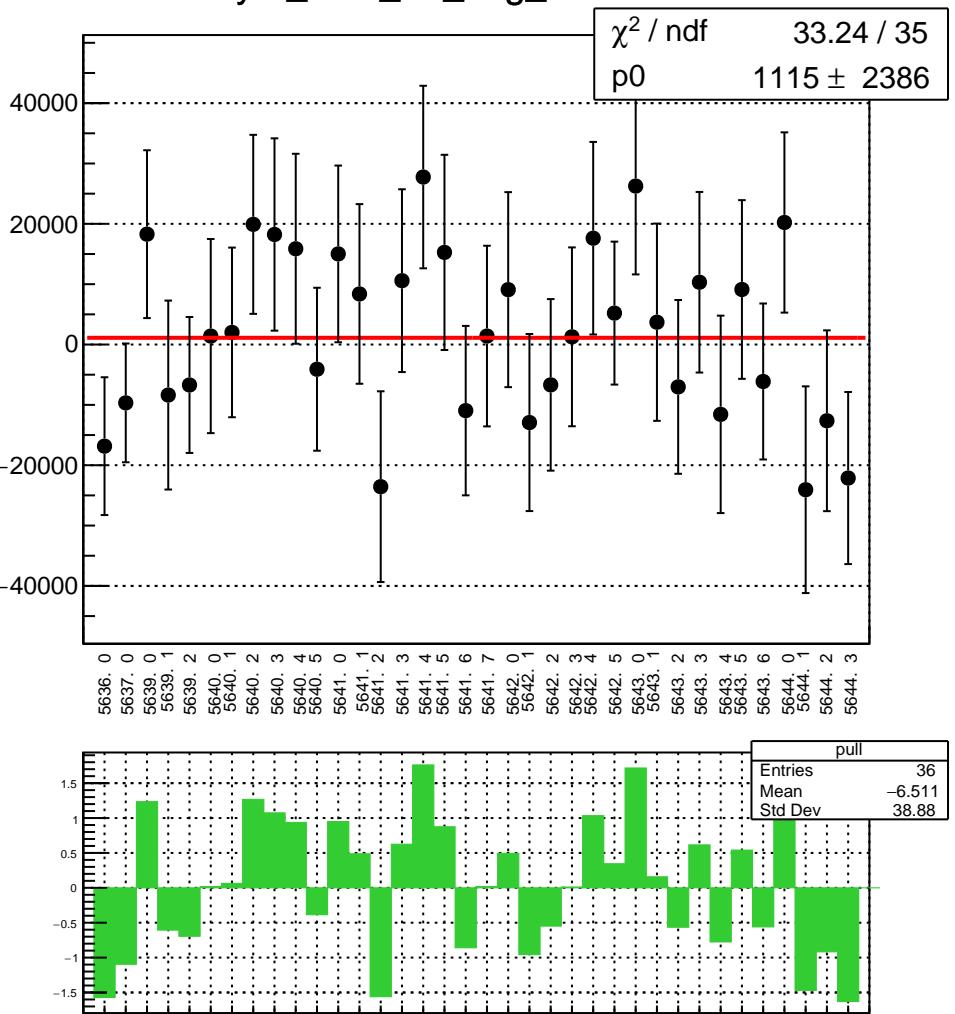
# asym\_sam\_48\_avg\_correction\_mean vs run



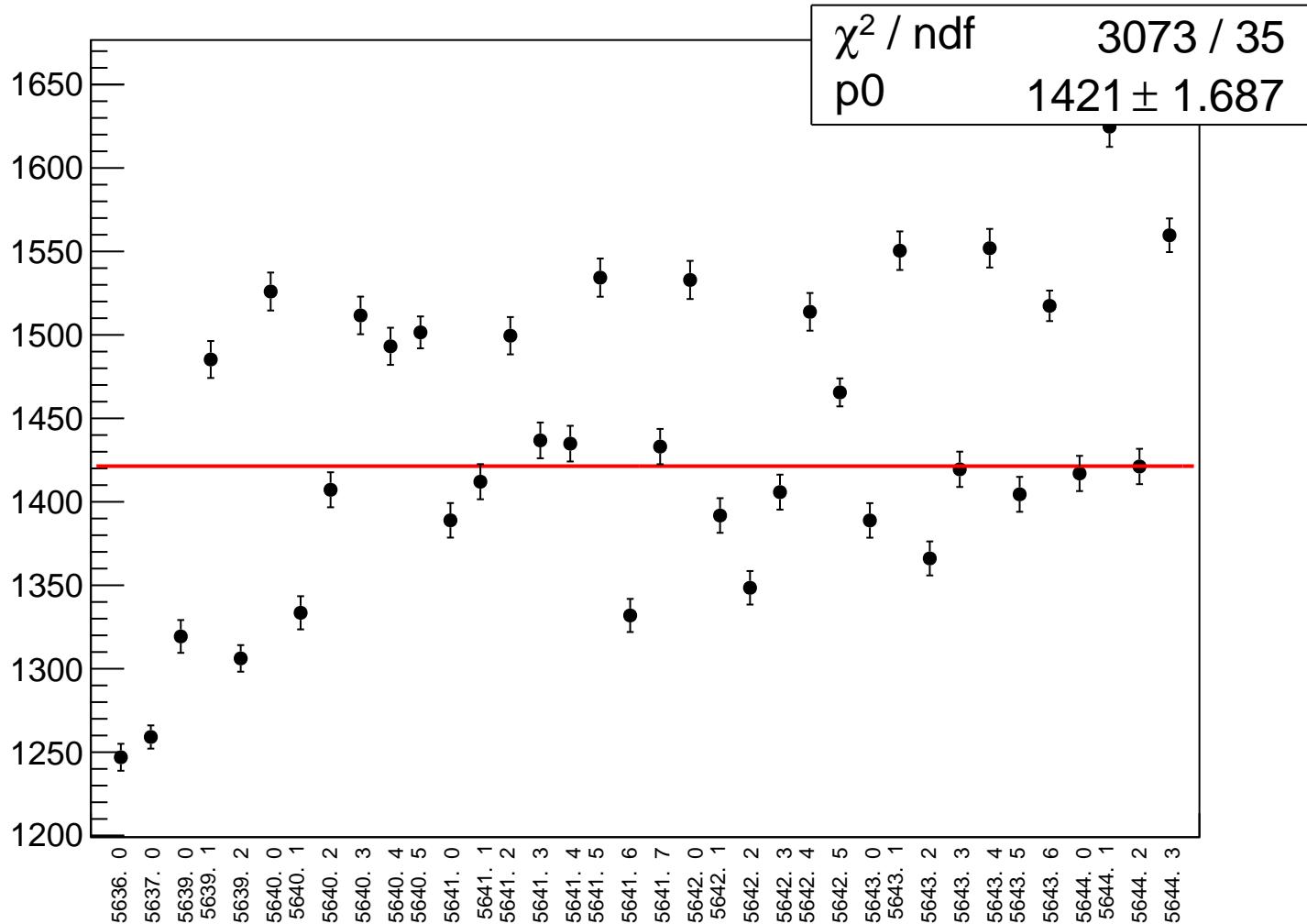
# asym\_sam\_48\_avg\_correction\_rms vs run



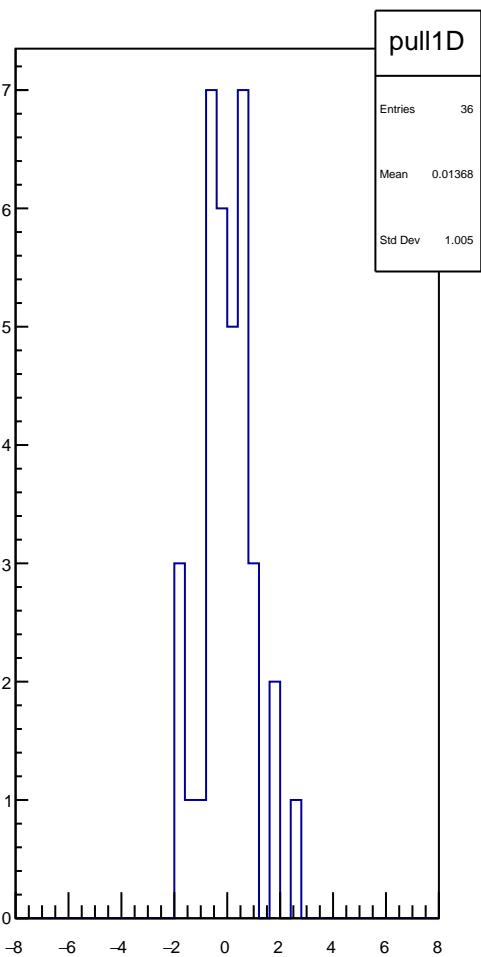
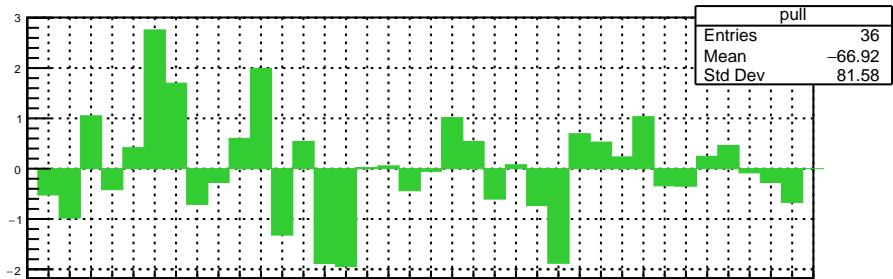
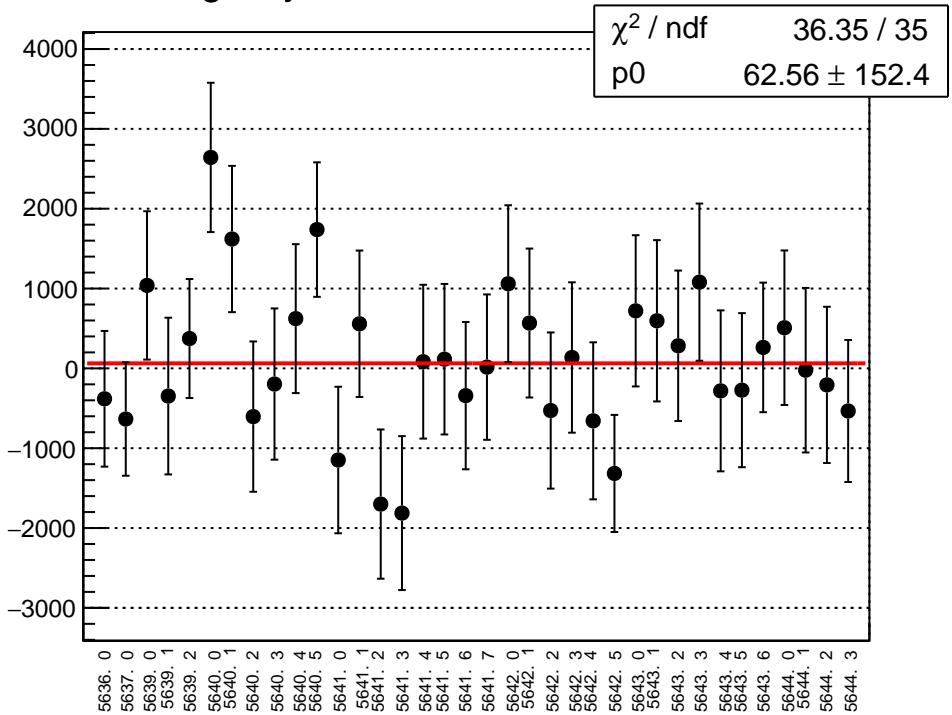
# asym\_sam\_48\_avg\_mean vs run



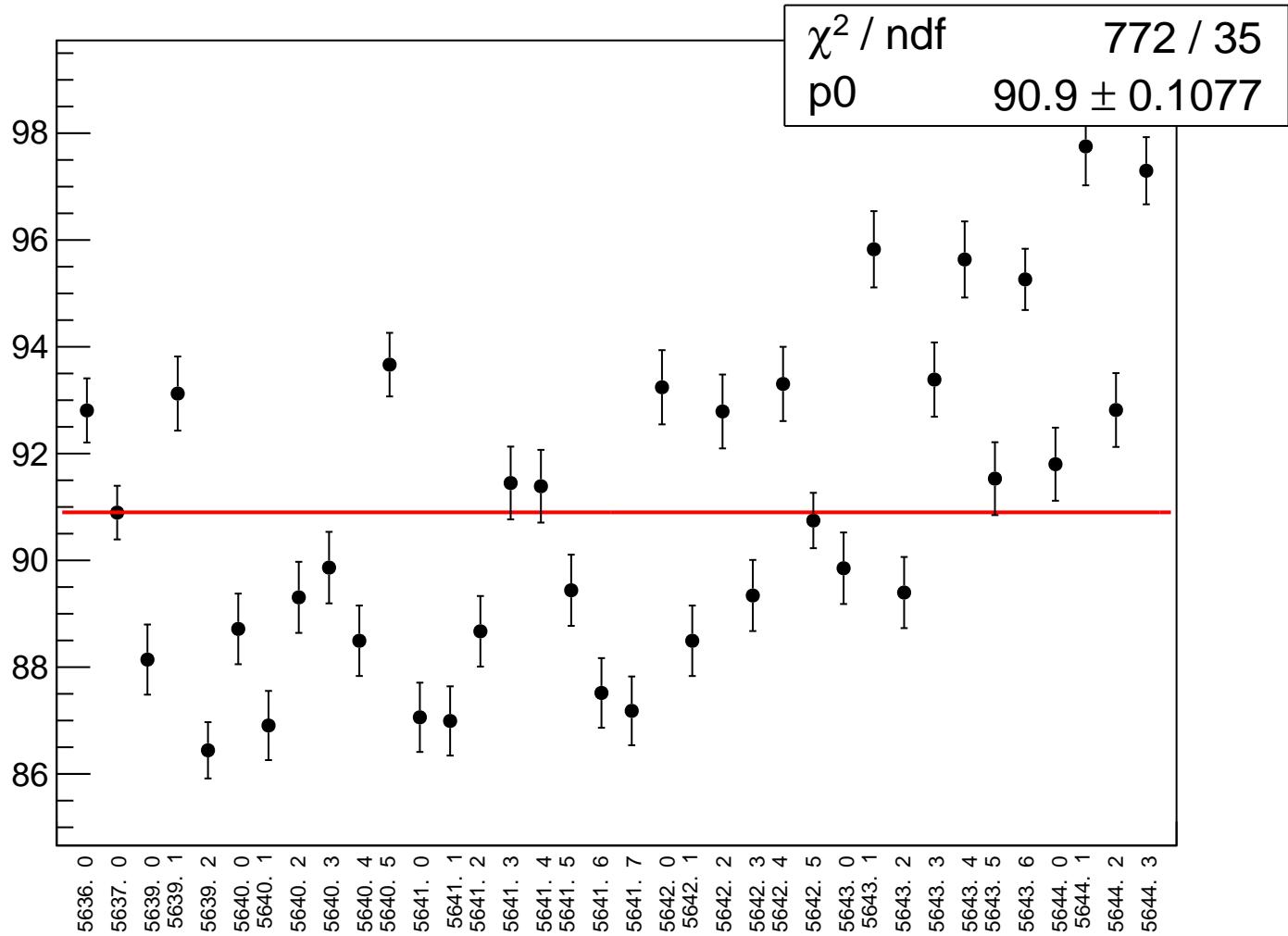
# asym\_sam\_48\_avg\_rms vs run



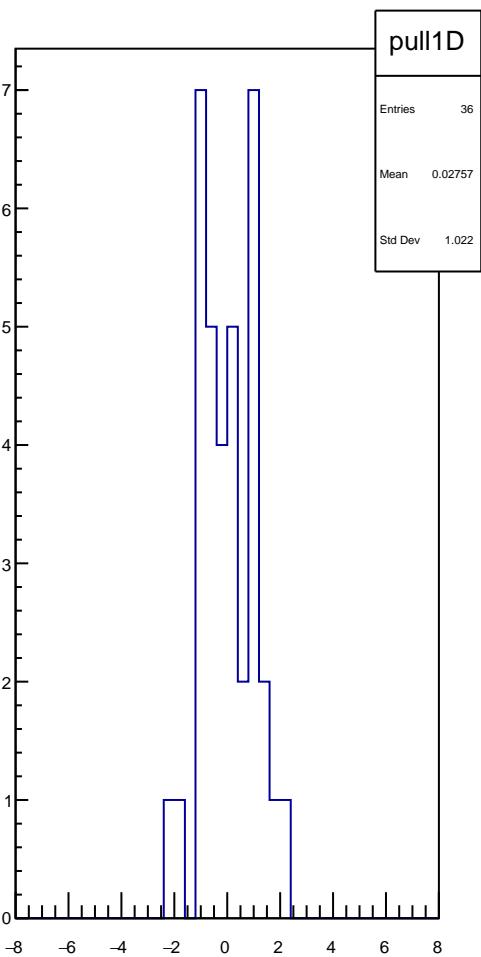
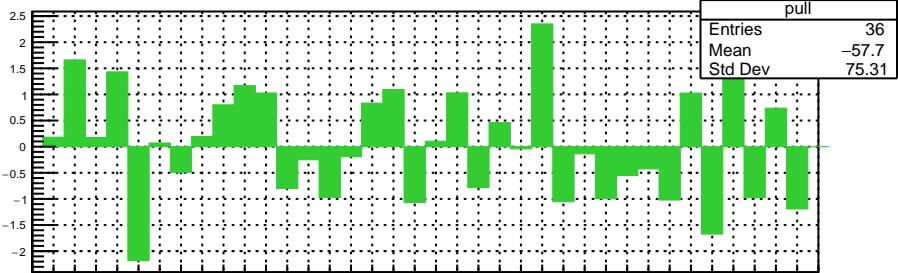
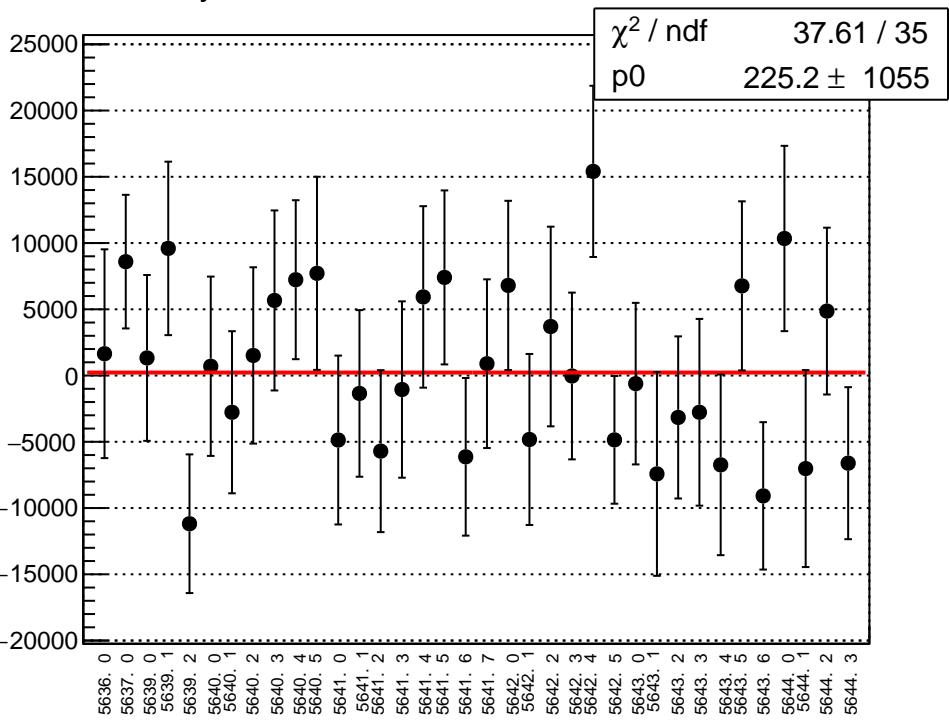
# reg\_asym\_sam\_15\_dd\_mean vs run



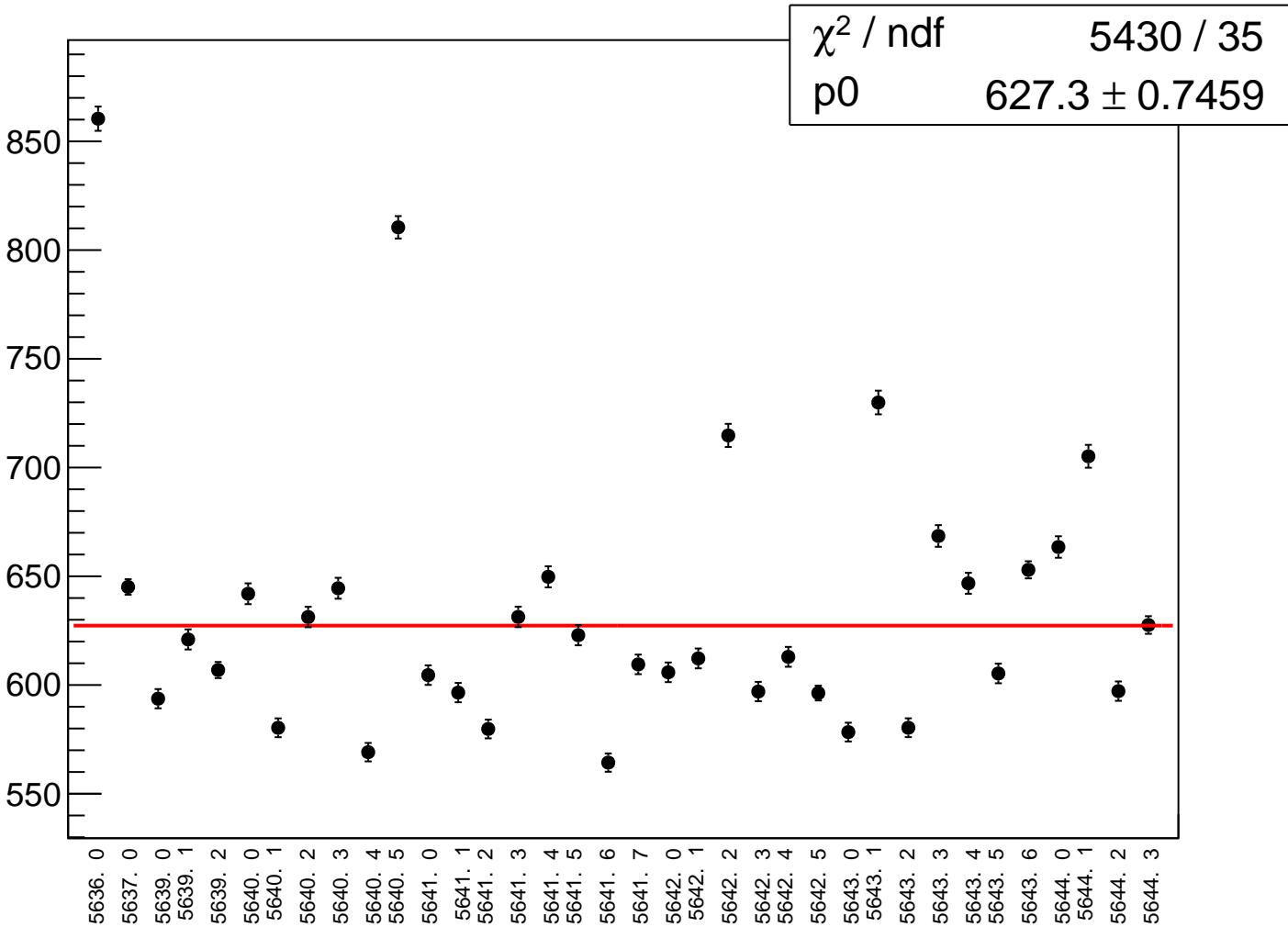
# reg\_asym\_sam\_15\_dd\_rms vs run



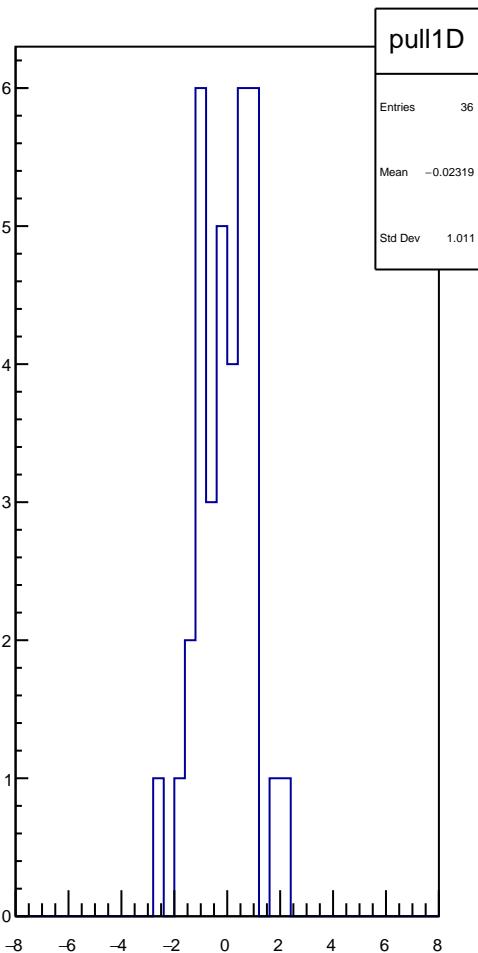
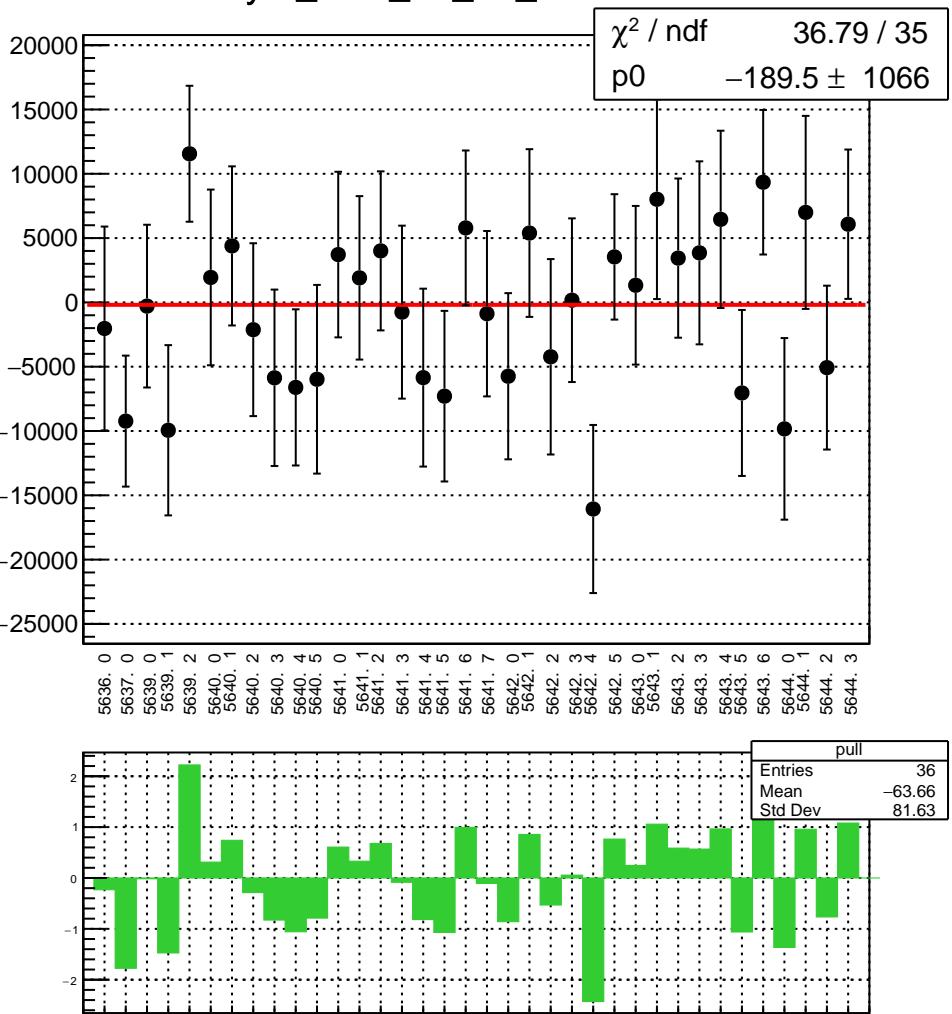
# asym\_sam\_15\_dd\_correction\_mean vs run



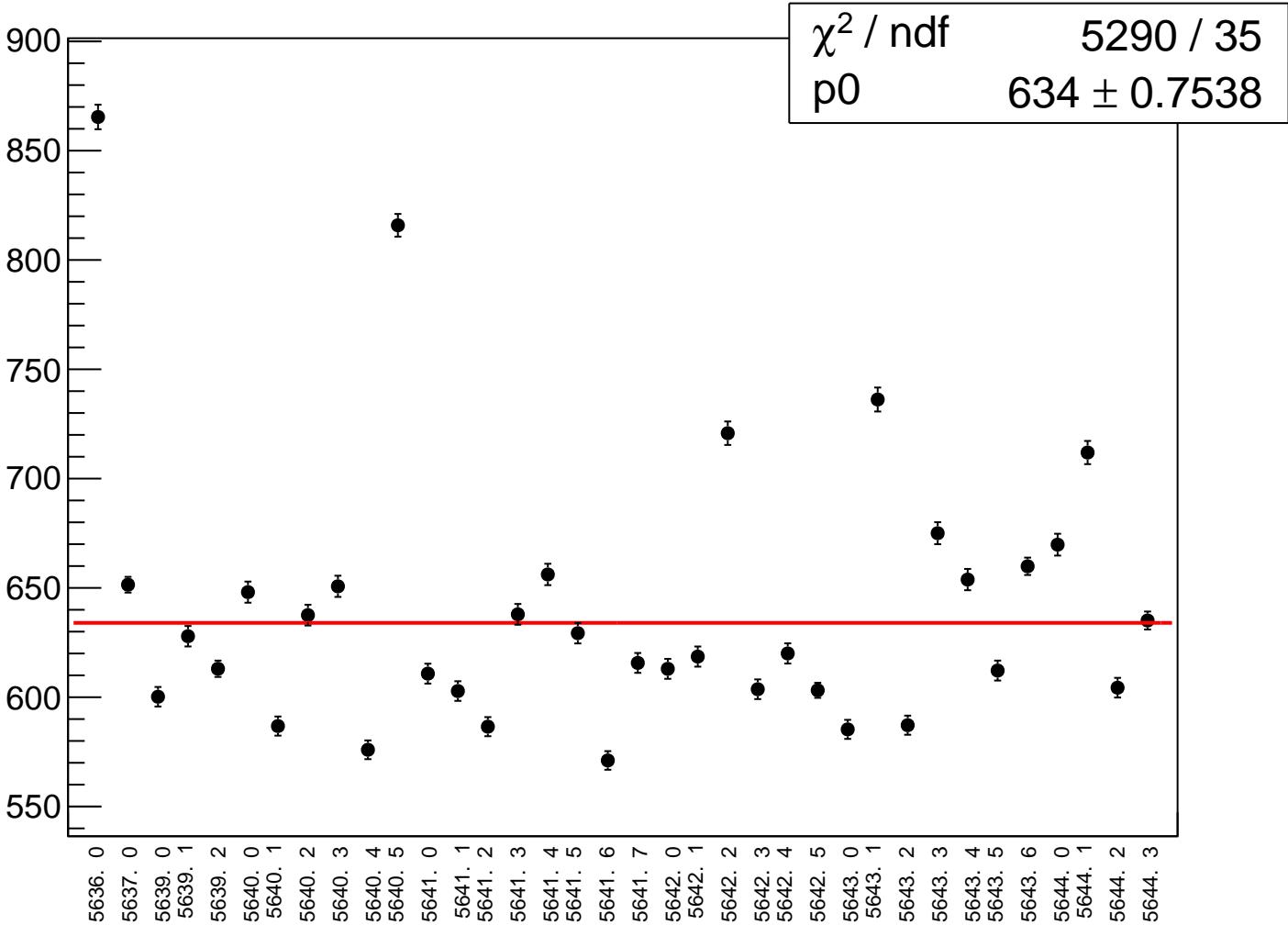
# asym\_sam\_15\_dd\_correction\_rms vs run



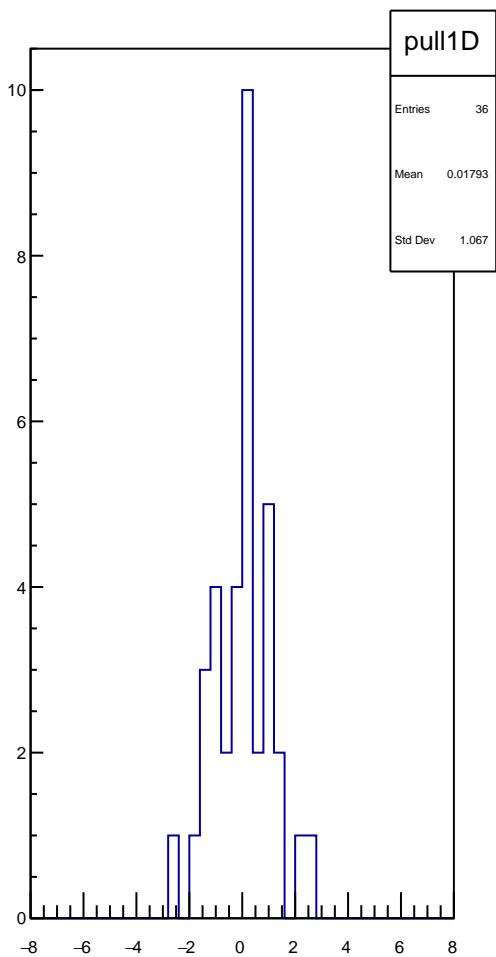
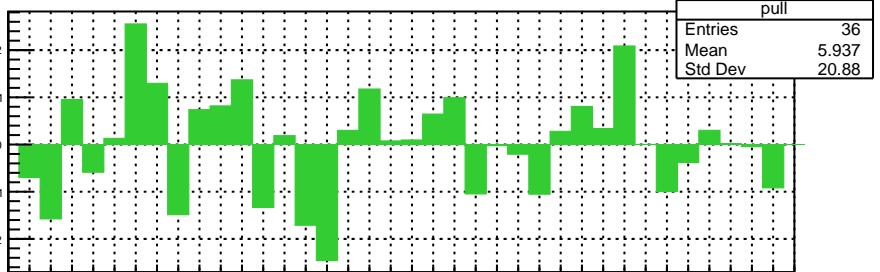
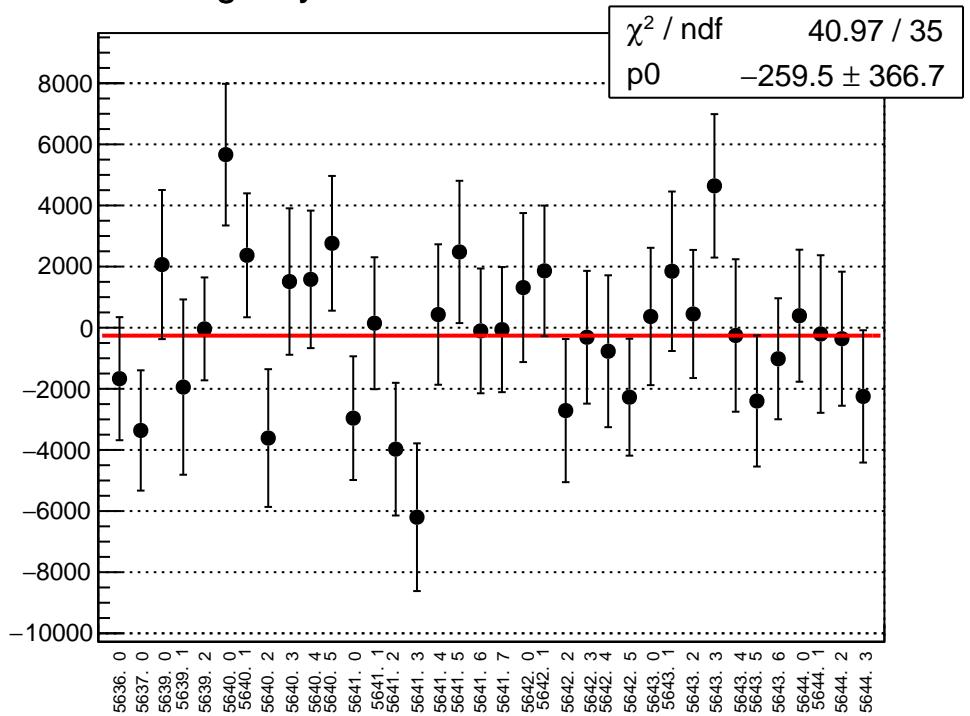
# asym\_sam\_15\_dd\_mean vs run



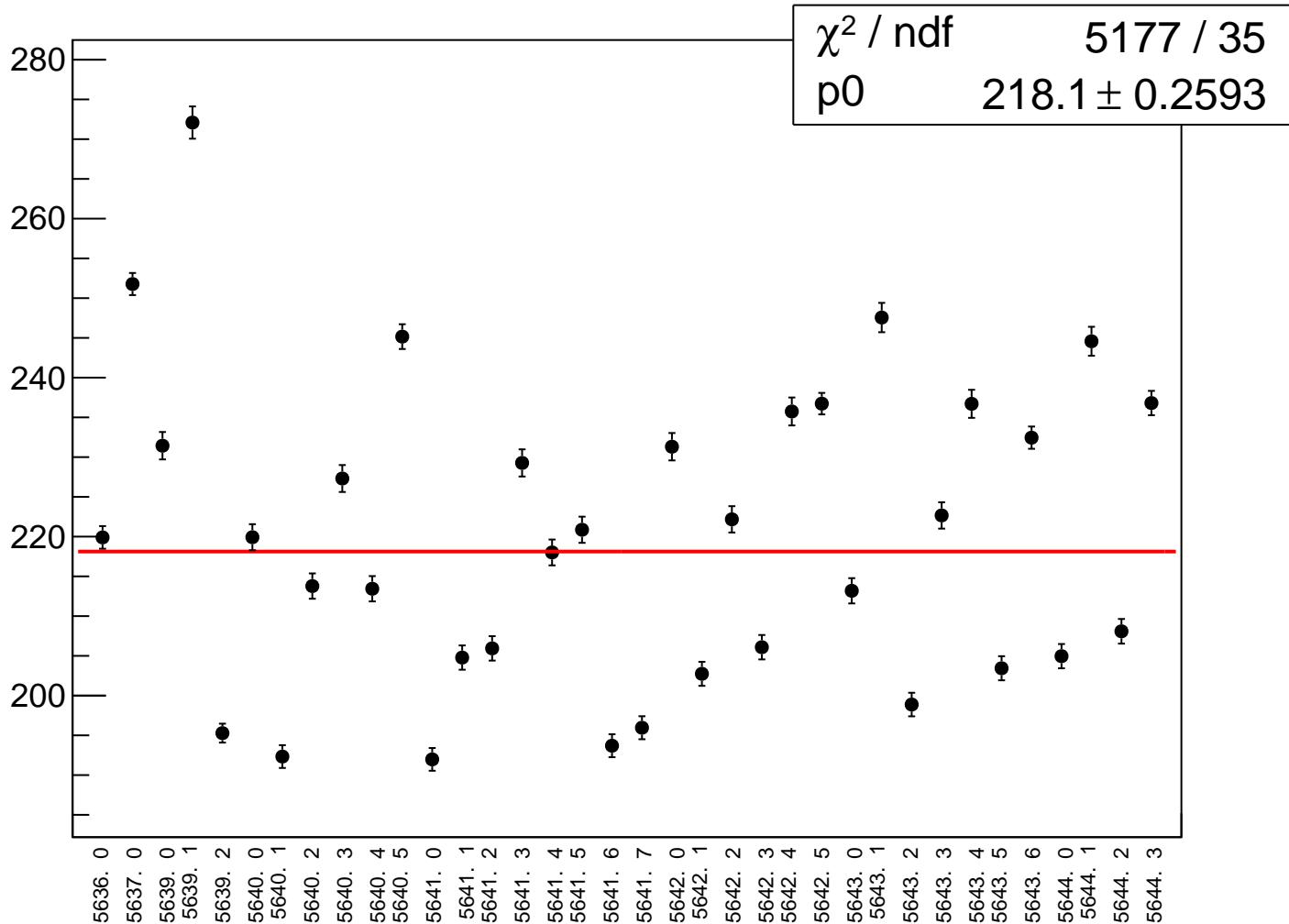
# asym\_sam\_15\_dd\_rms vs run



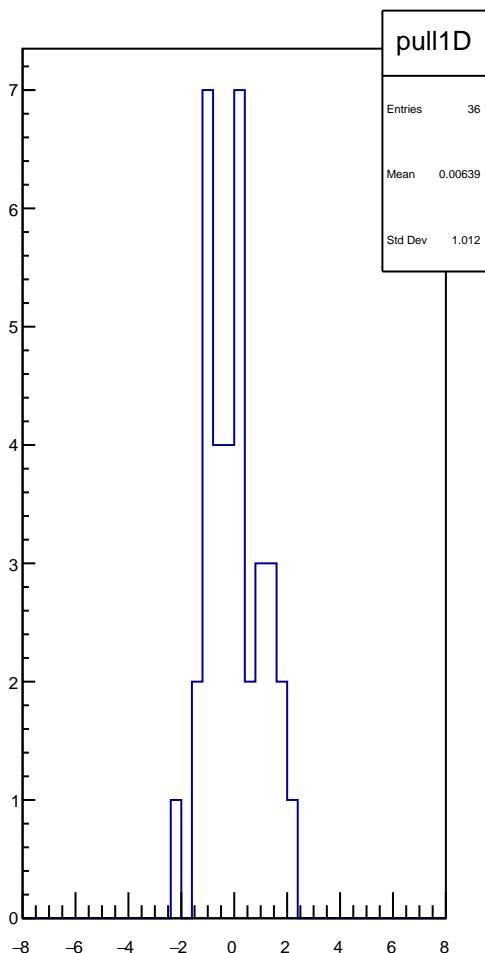
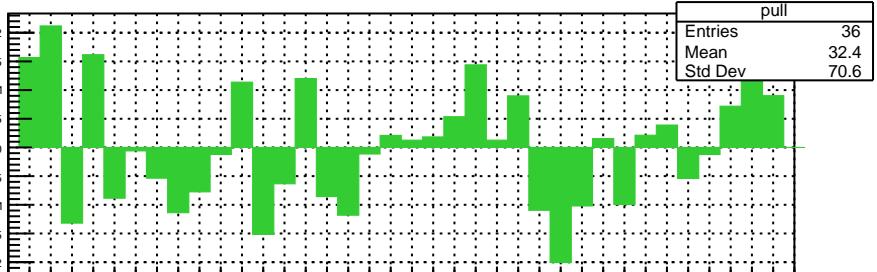
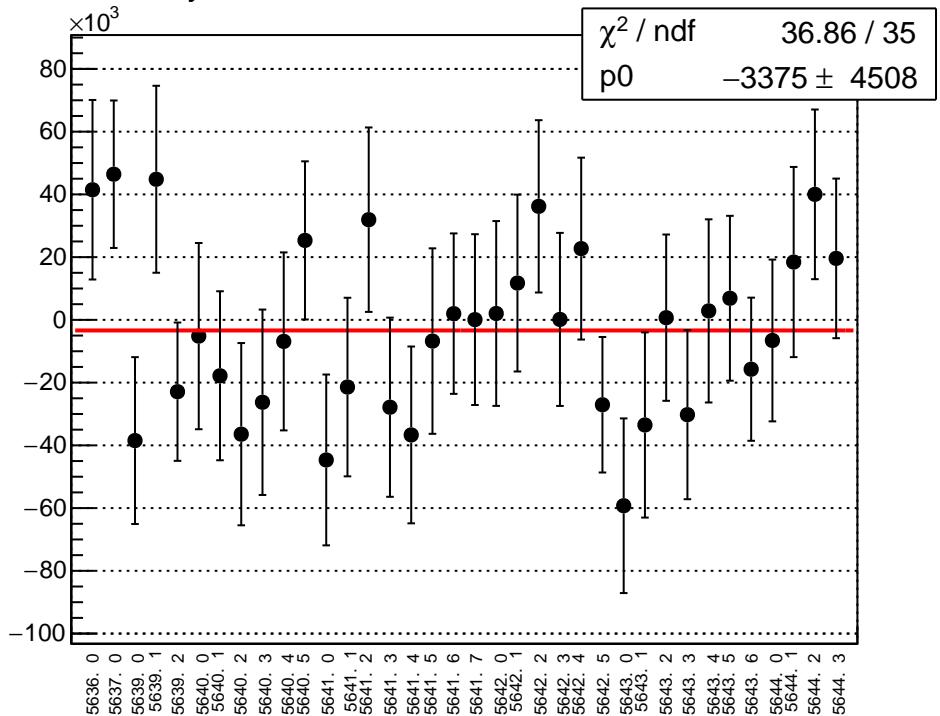
# reg\_asym\_sam\_26\_dd\_mean vs run



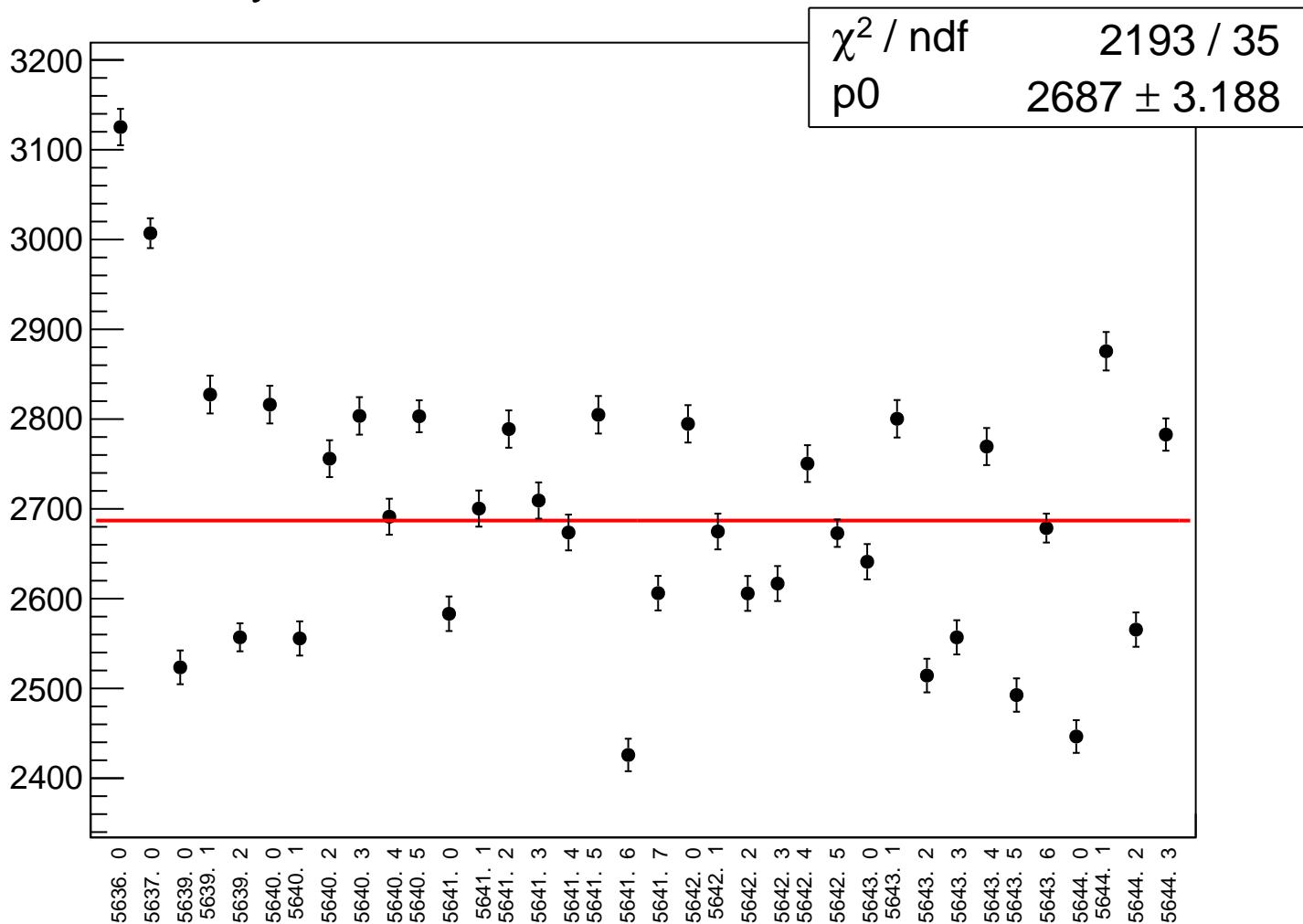
# reg\_asym\_sam\_26\_dd\_rms vs run



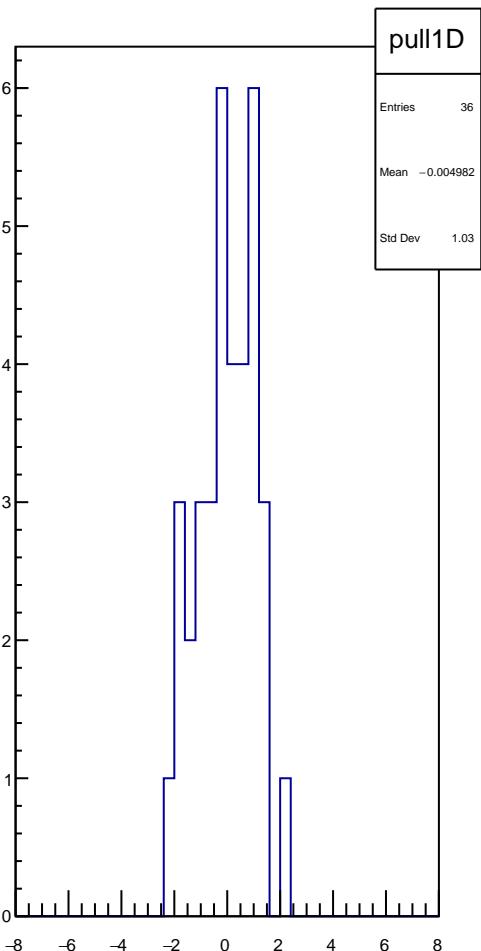
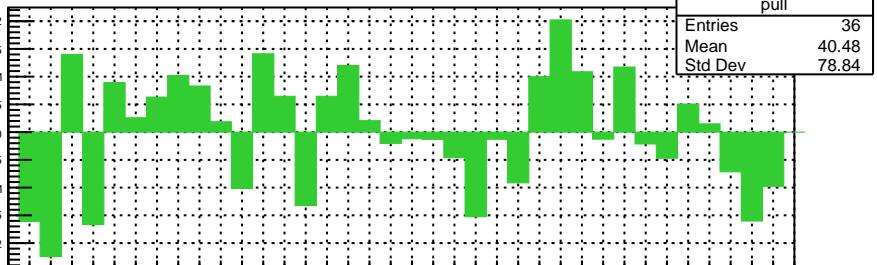
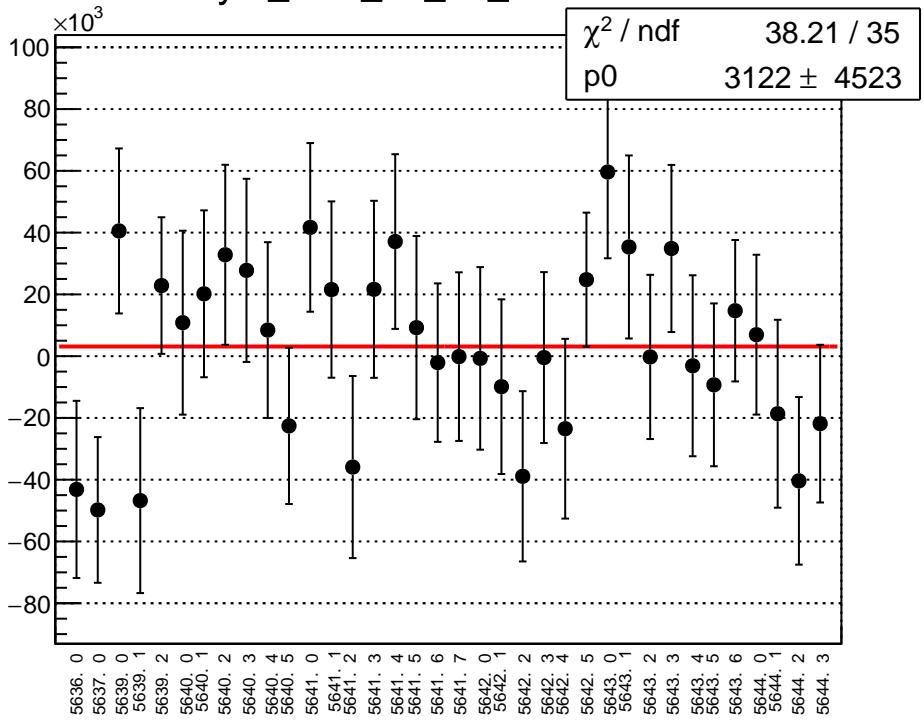
# asym\_sam\_26\_dd\_correction\_mean vs run



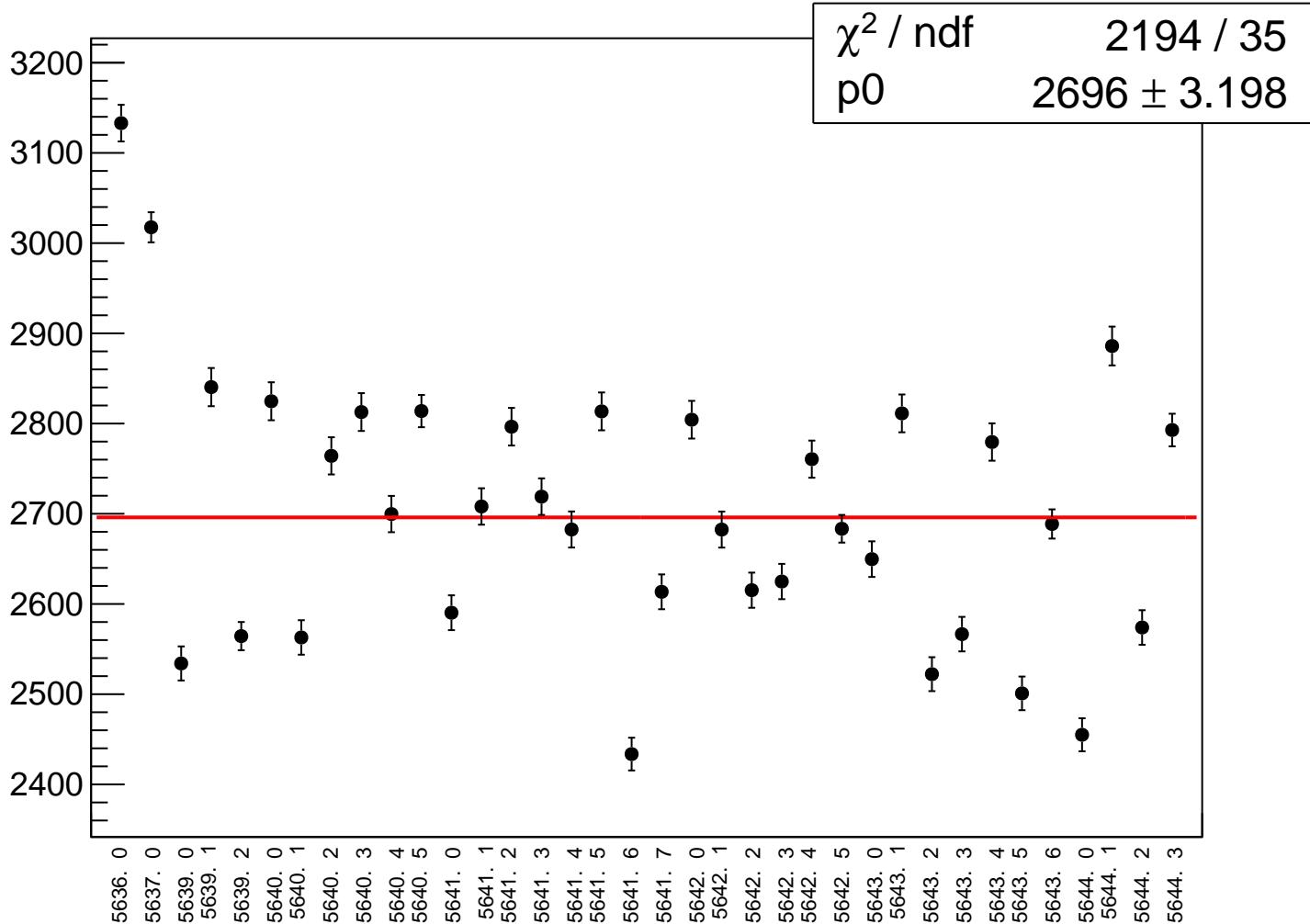
# asym\_sam\_26\_dd\_correction\_rms vs run



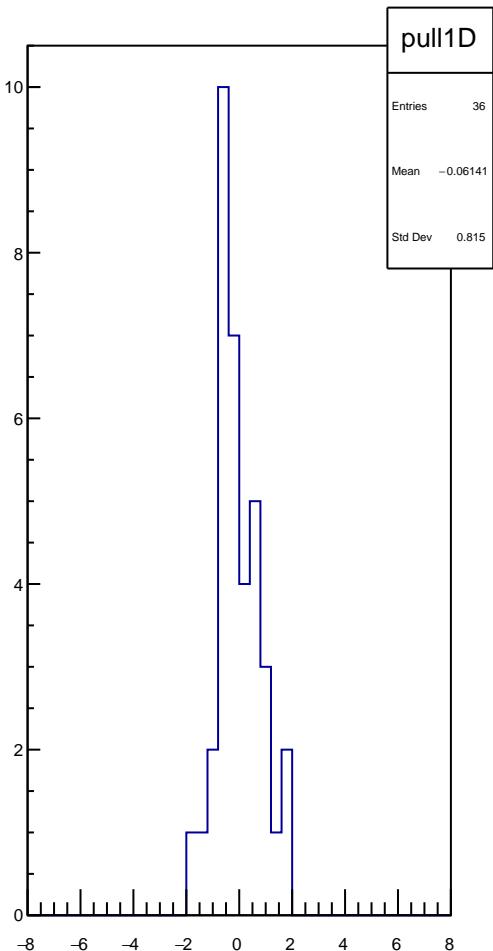
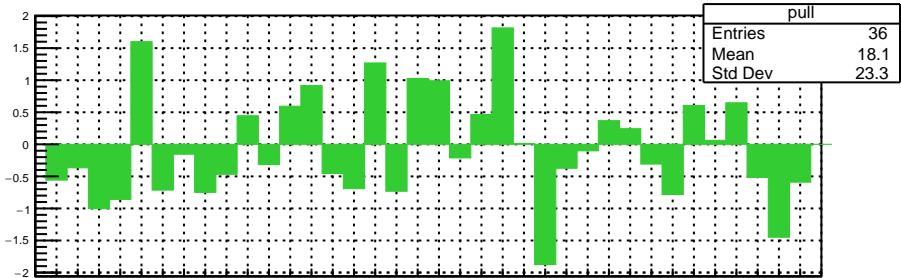
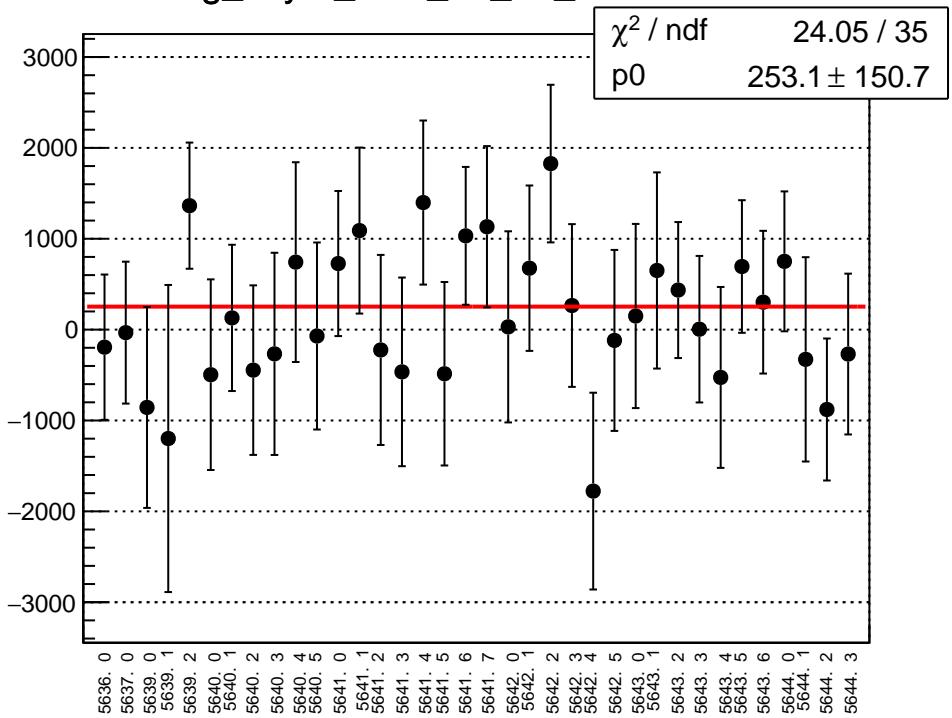
# asym\_sam\_26\_dd\_mean vs run



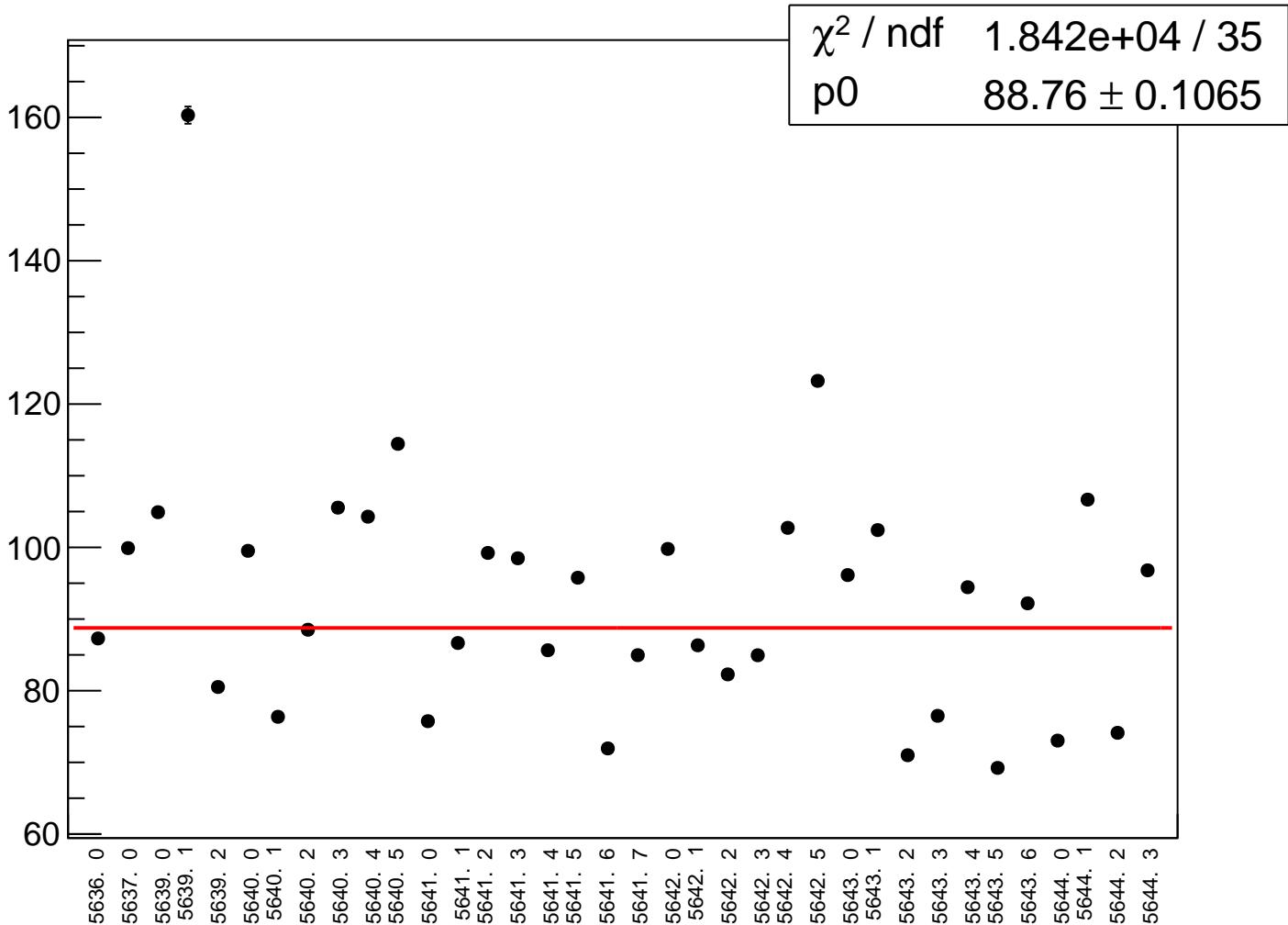
# asym\_sam\_26\_dd\_rms vs run



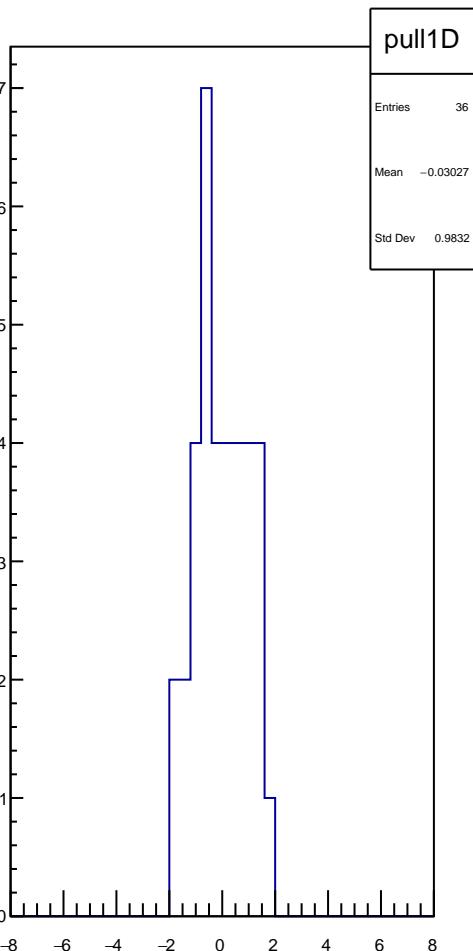
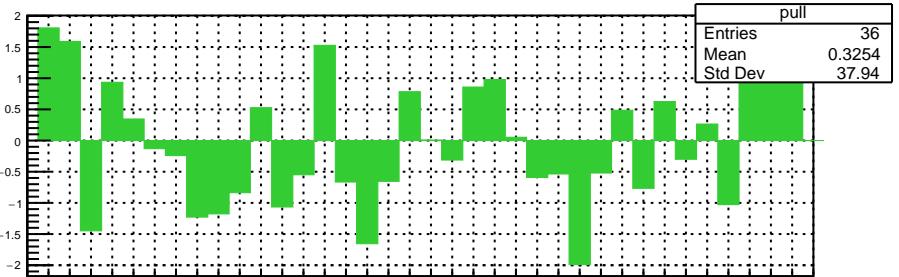
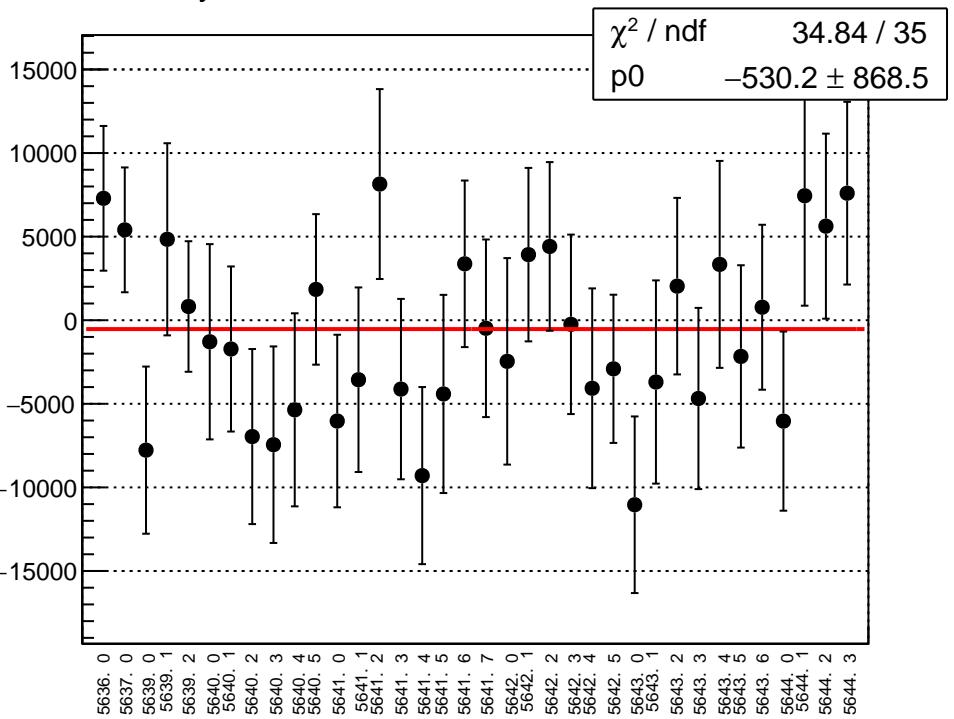
# reg\_asym\_sam\_37\_dd\_mean vs run



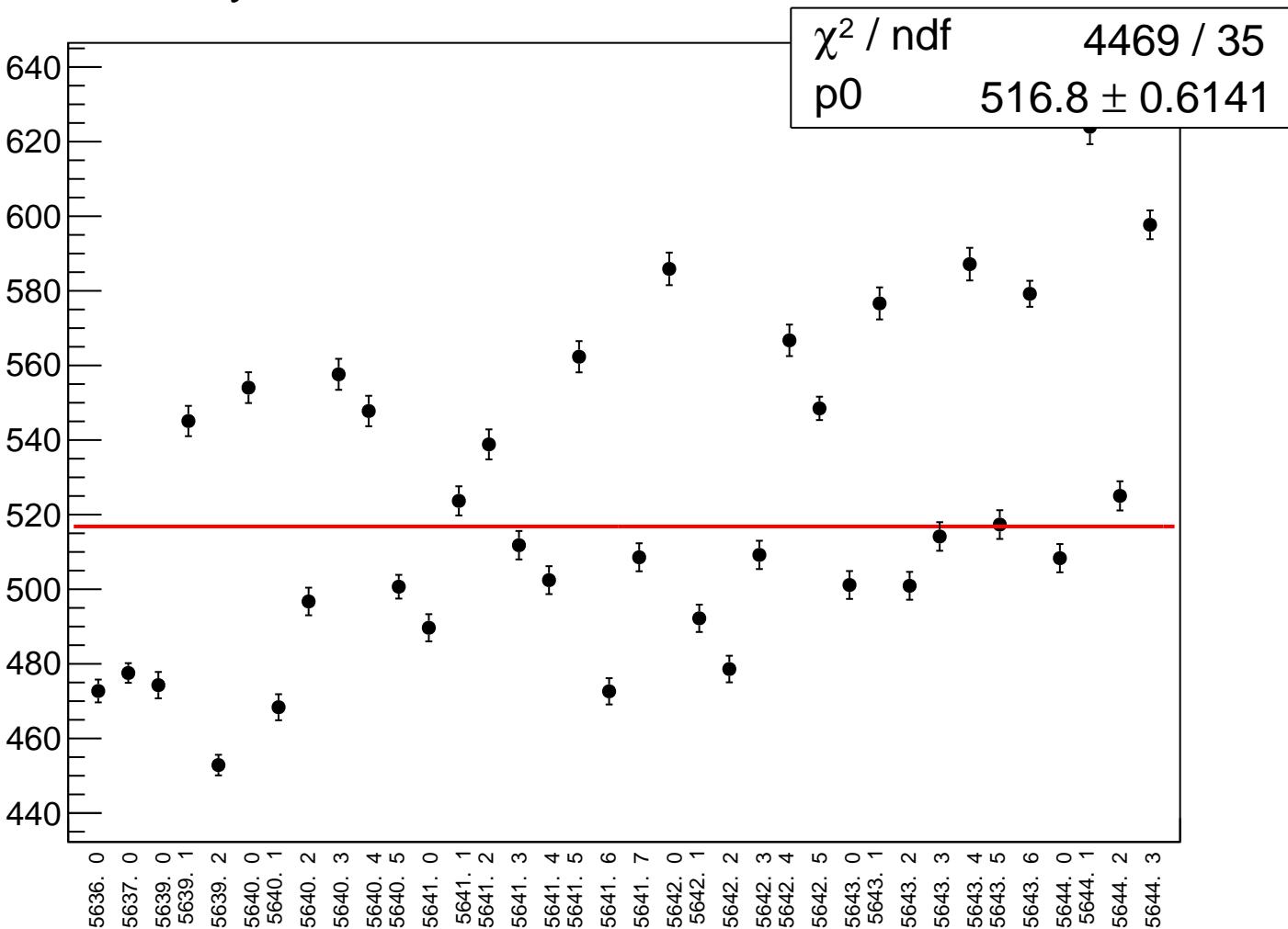
# reg\_asym\_sam\_37\_dd\_rms vs run



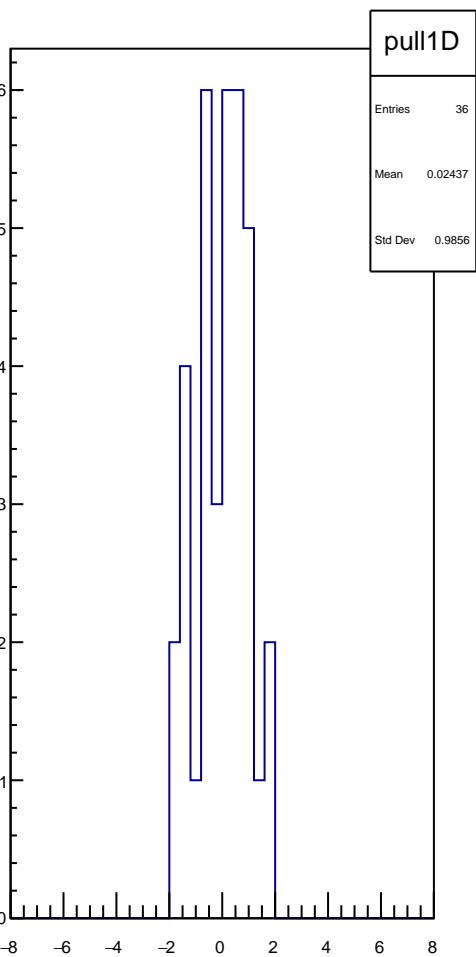
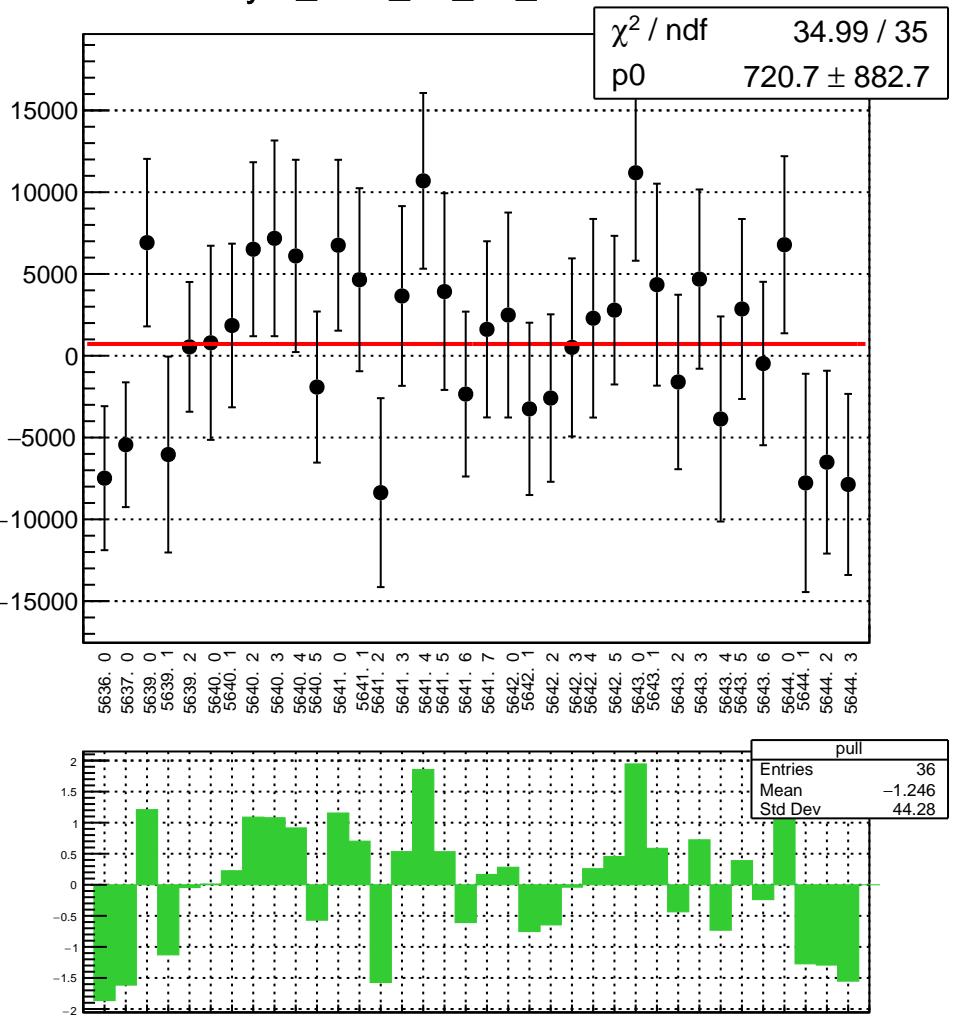
# asym\_sam\_37\_dd\_correction\_mean vs run



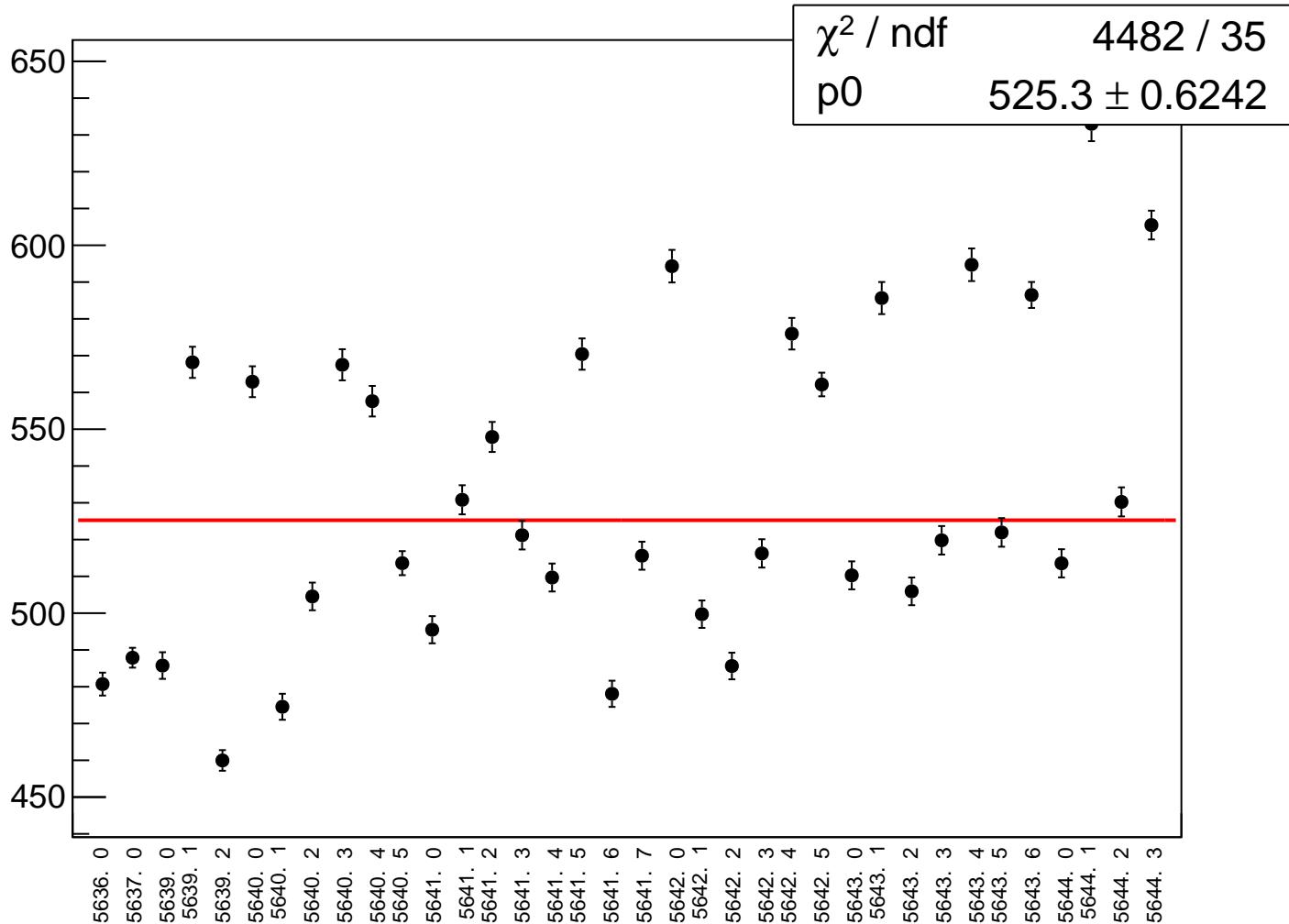
# asym\_sam\_37\_dd\_correction\_rms vs run



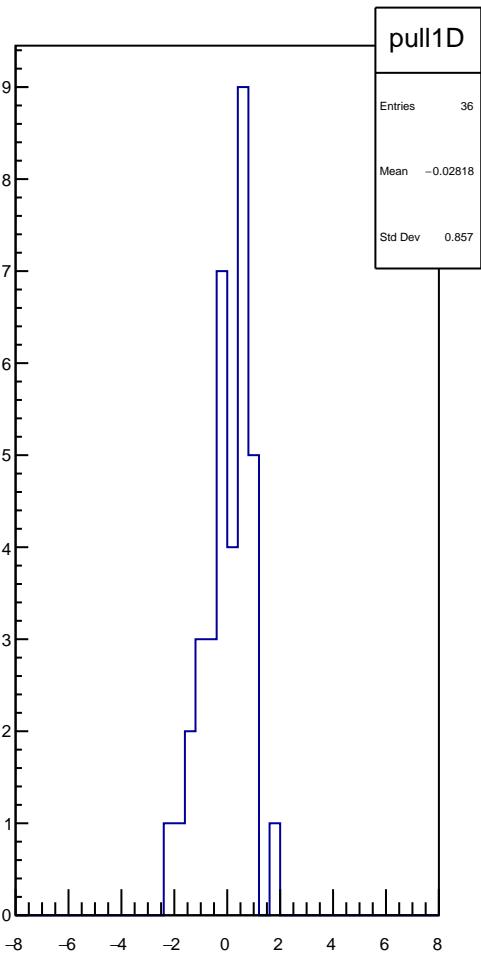
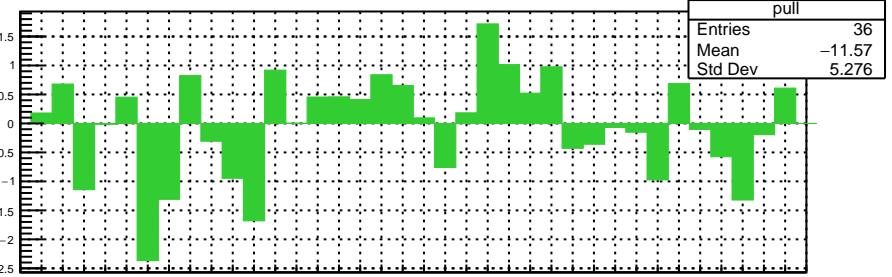
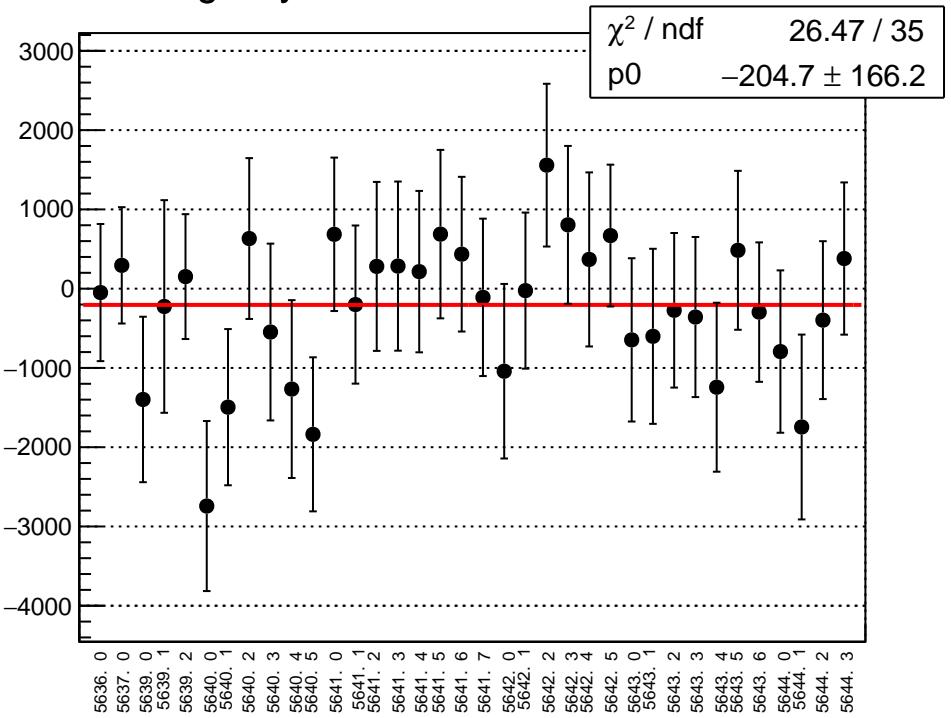
# asym\_sam\_37\_dd\_mean vs run



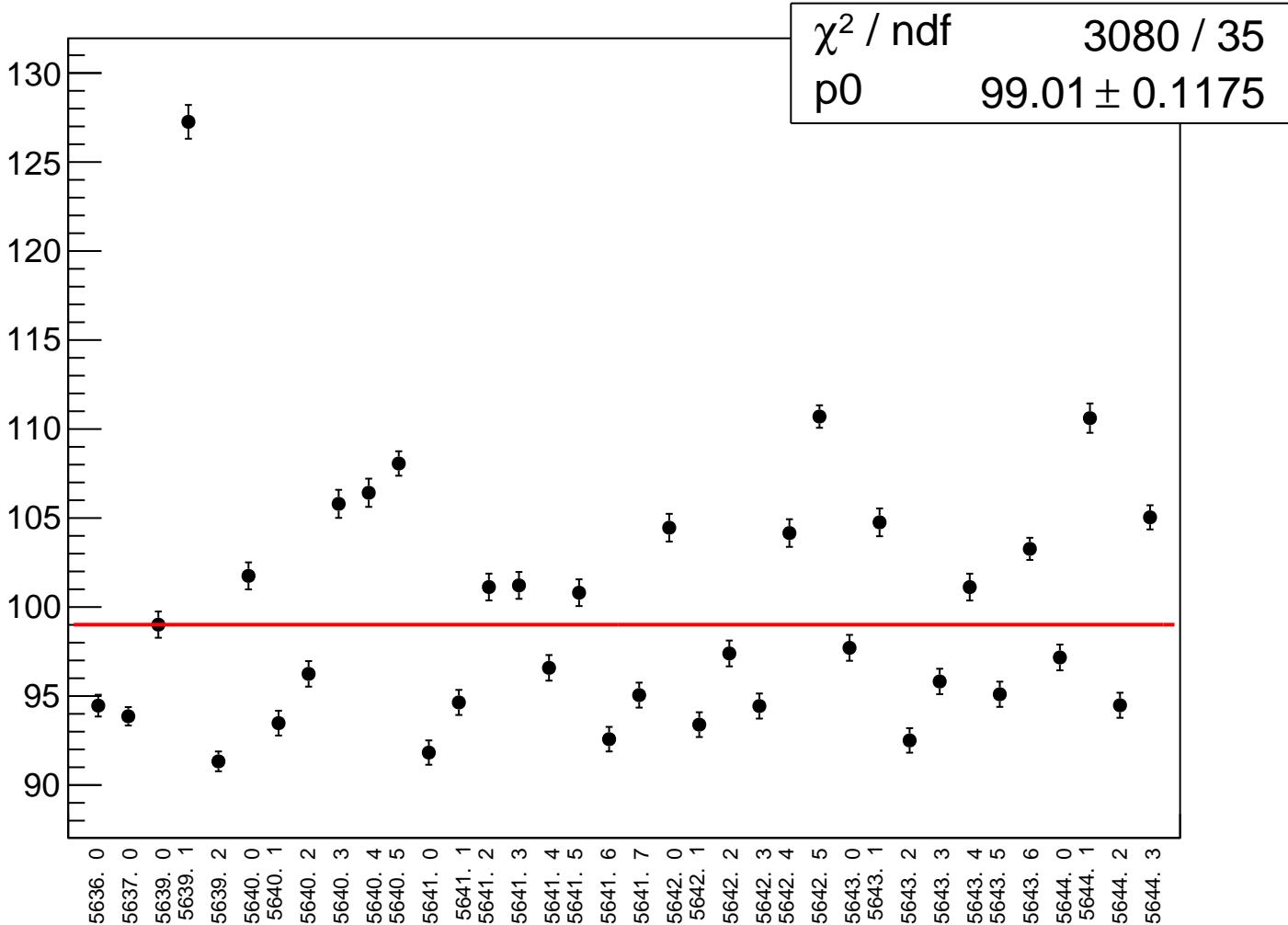
# asym\_sam\_37\_dd\_rms vs run



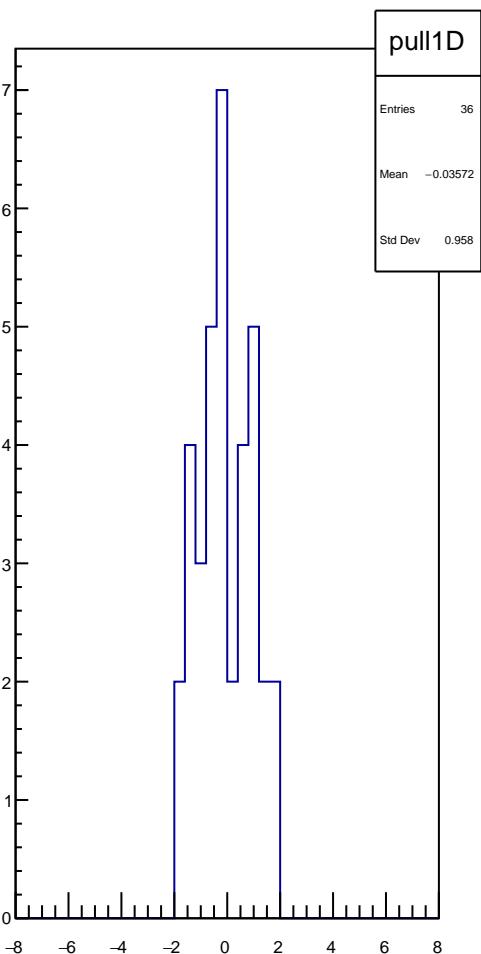
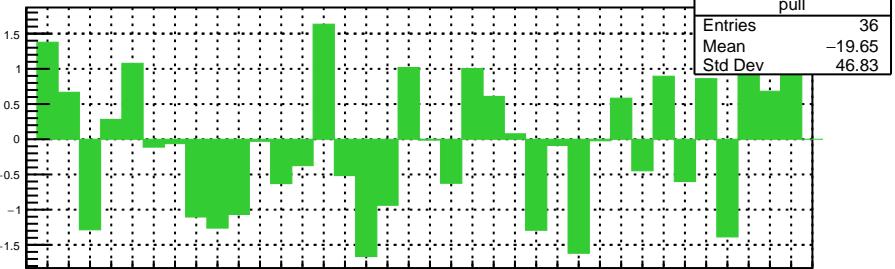
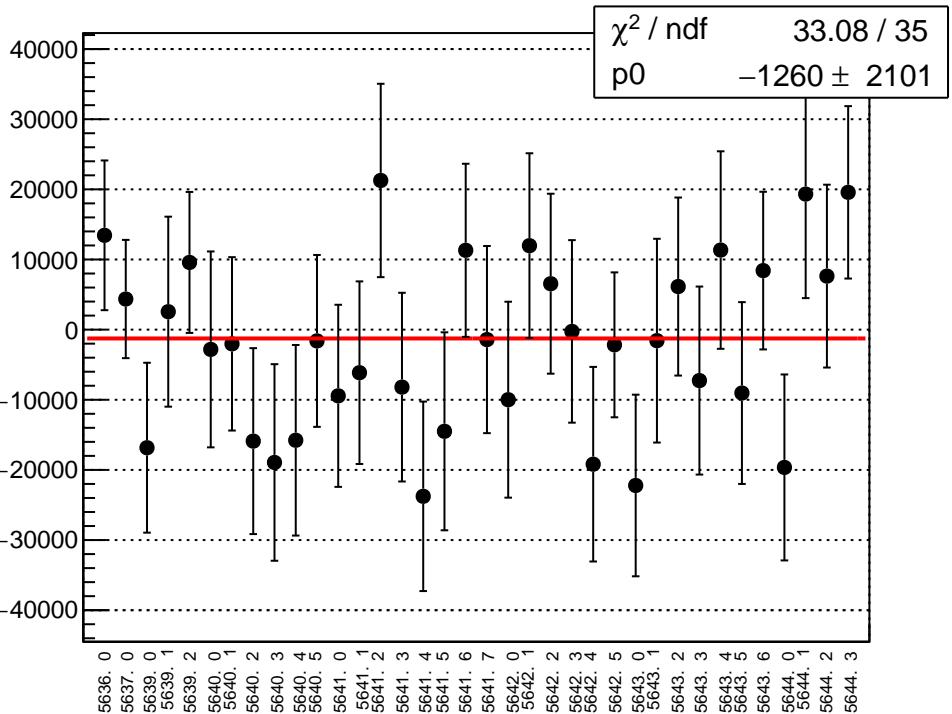
# reg\_asym\_sam\_48\_dd\_mean vs run



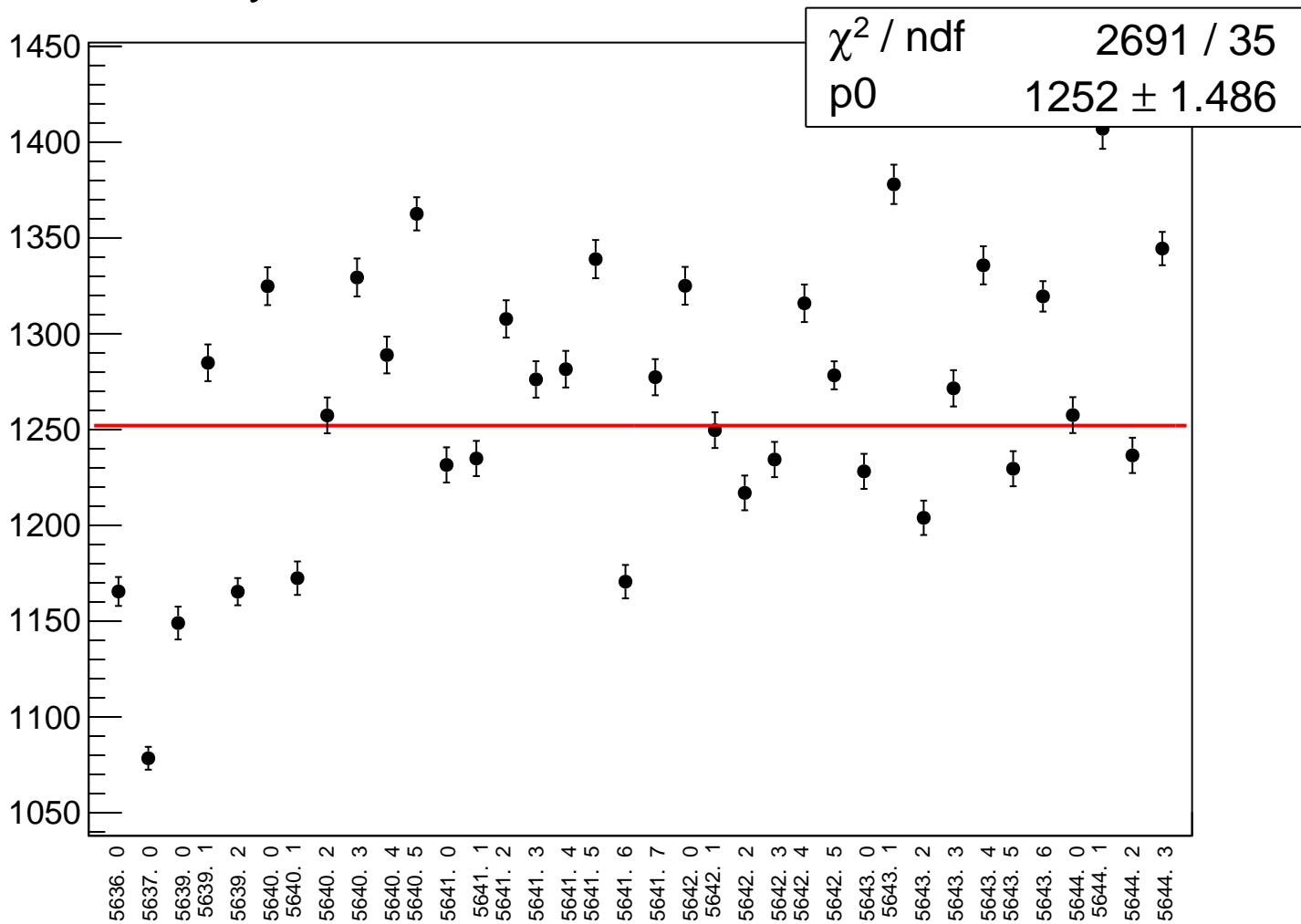
# reg\_asym\_sam\_48\_dd\_rms vs run



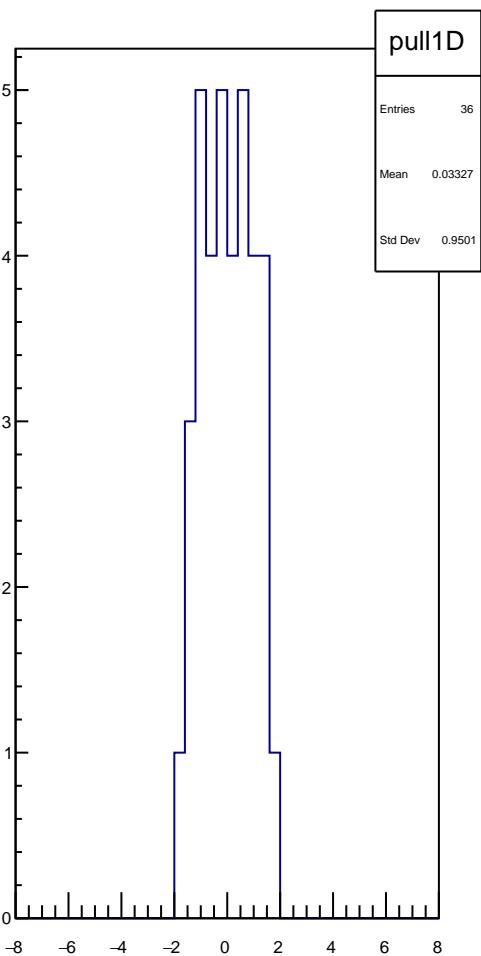
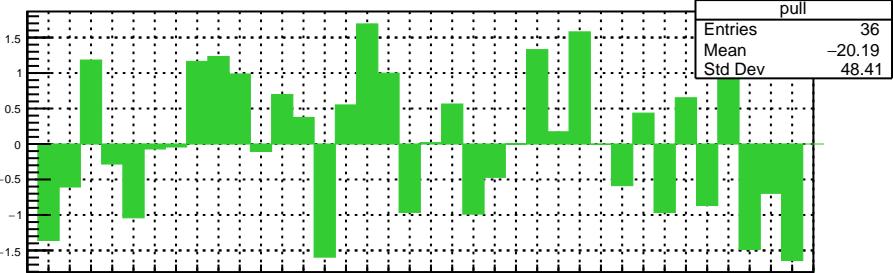
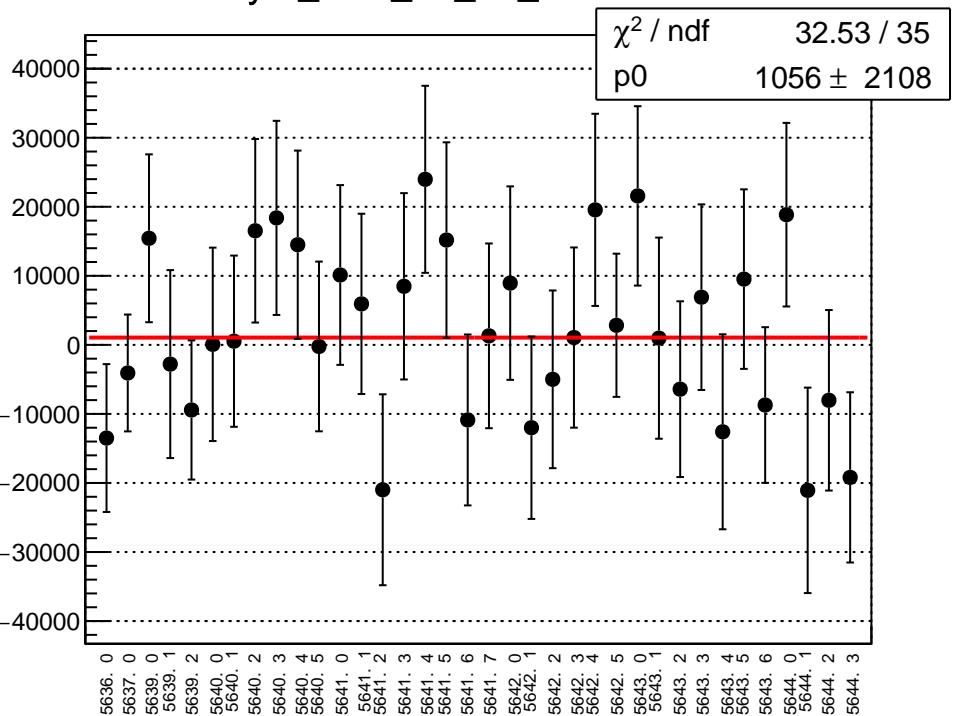
# asym\_sam\_48\_dd\_correction\_mean vs run



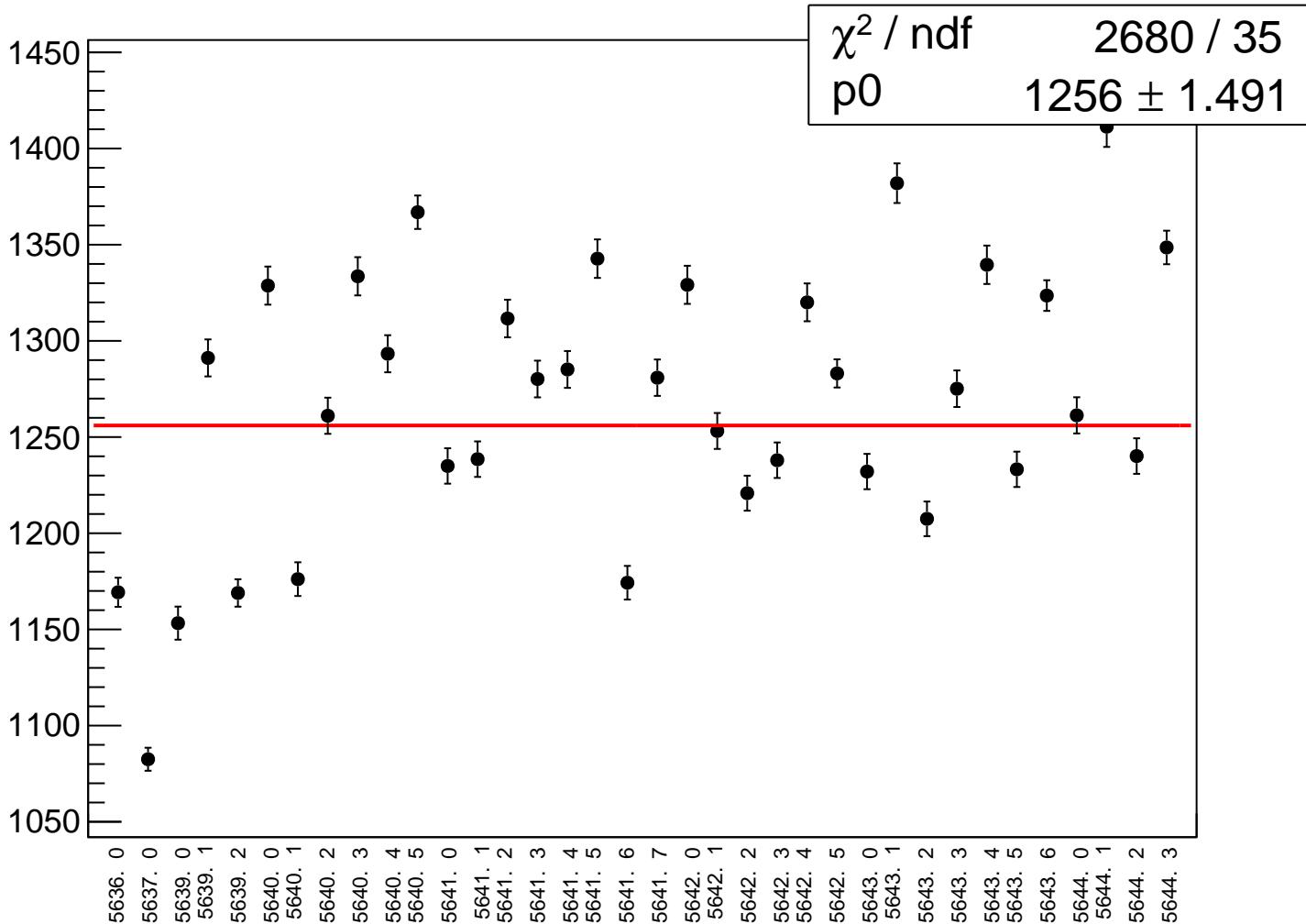
# asym\_sam\_48\_dd\_correction\_rms vs run



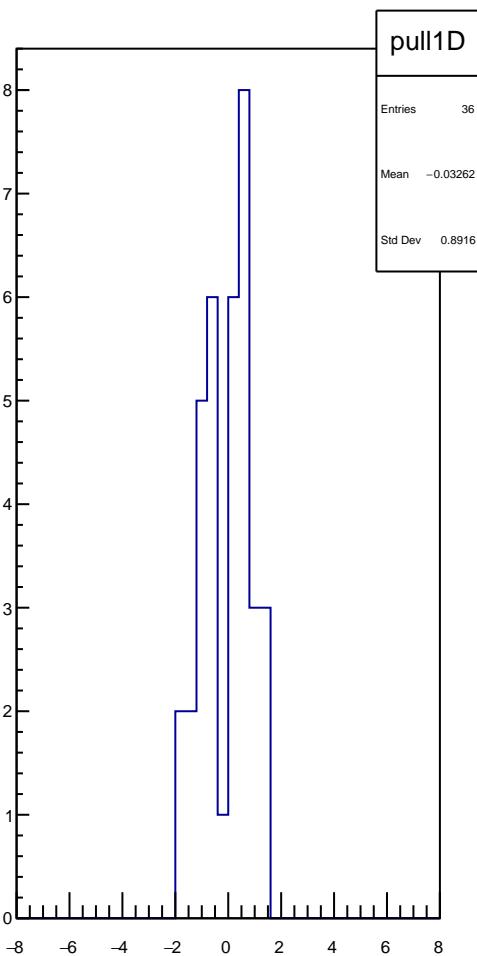
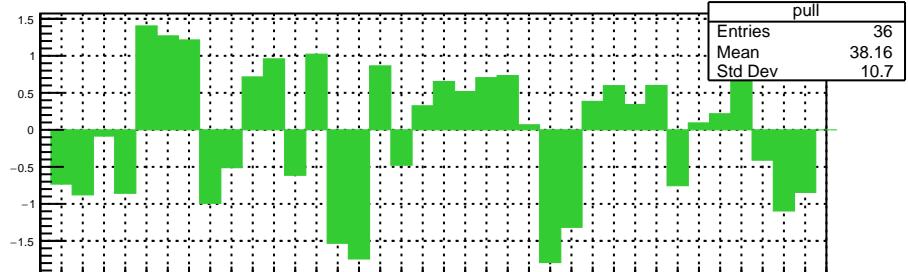
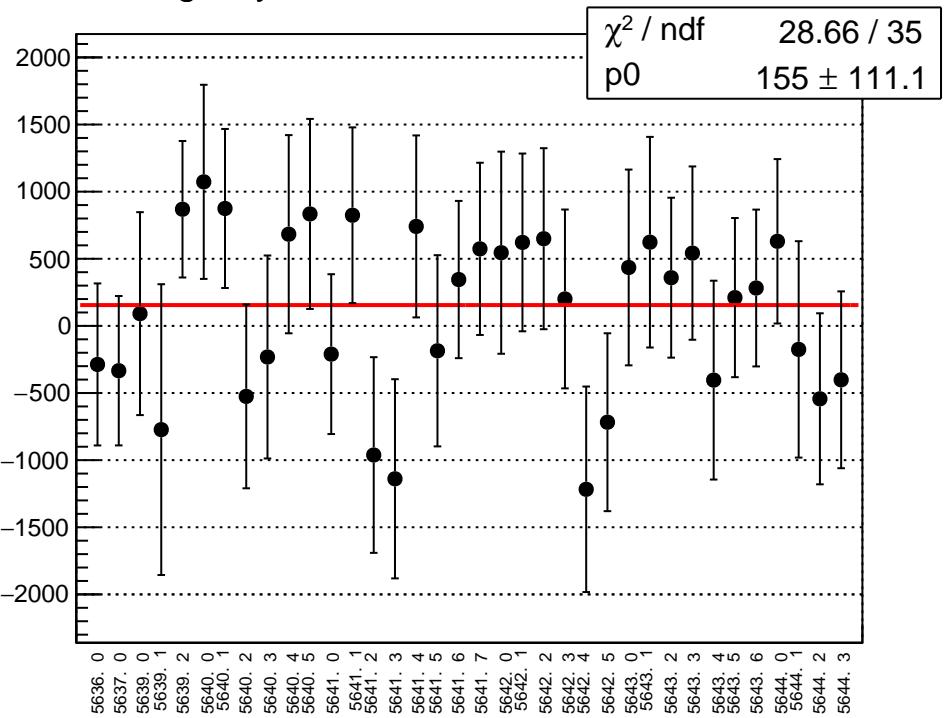
# asym\_sam\_48\_dd\_mean vs run



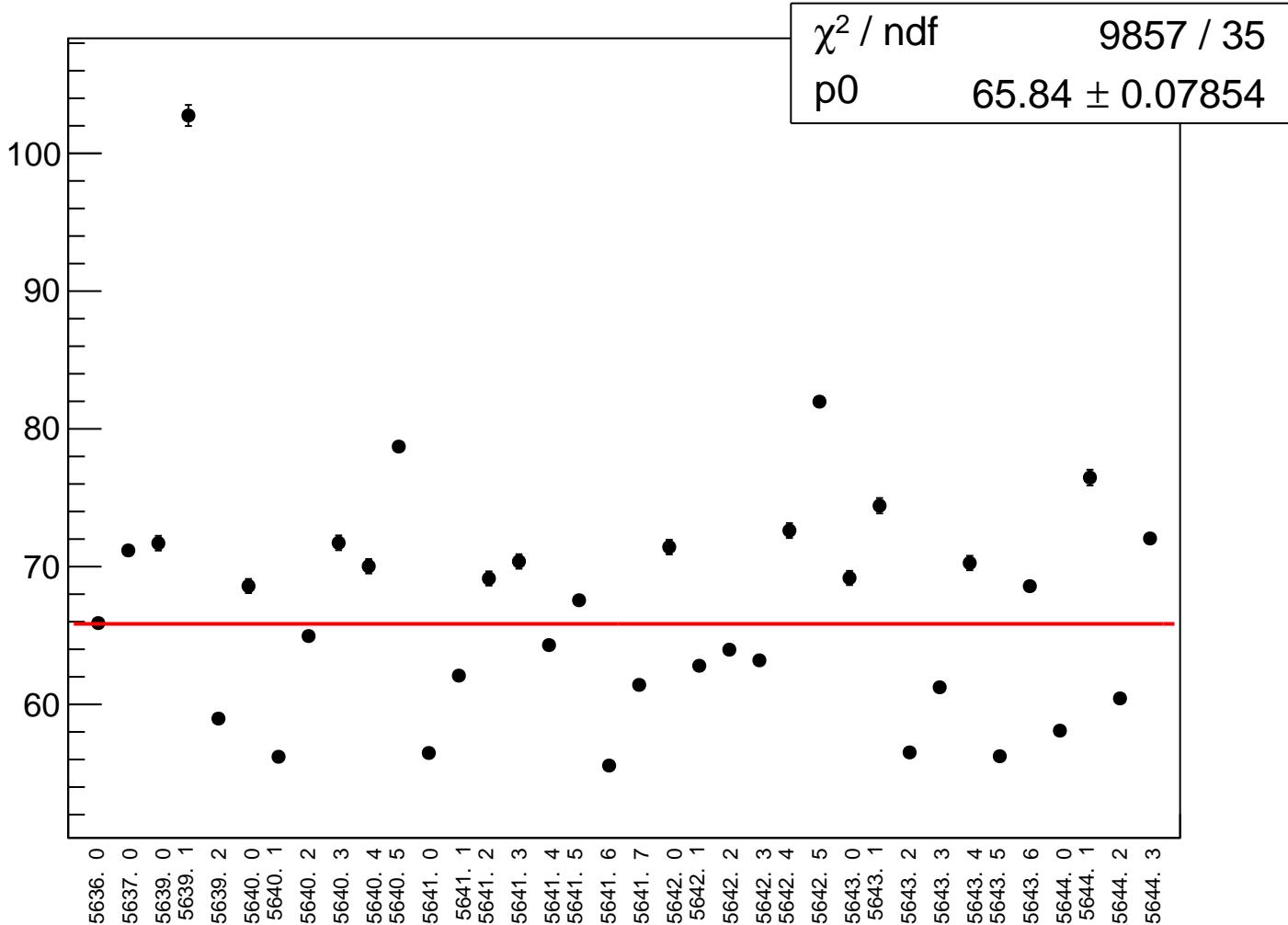
# asym\_sam\_48\_dd\_rms vs run



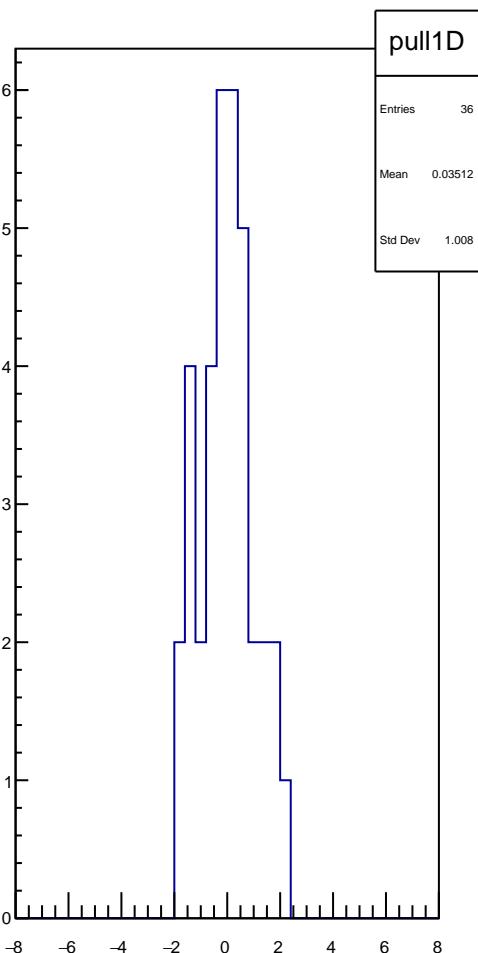
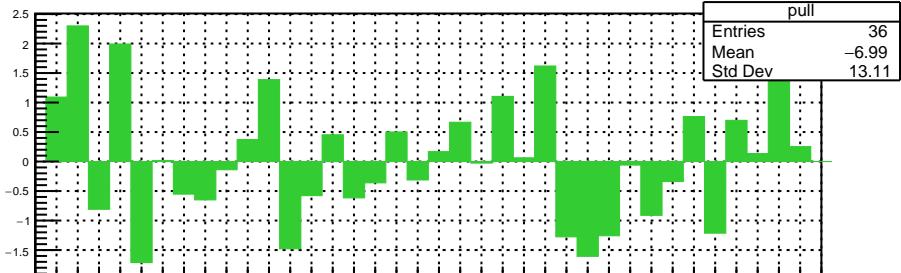
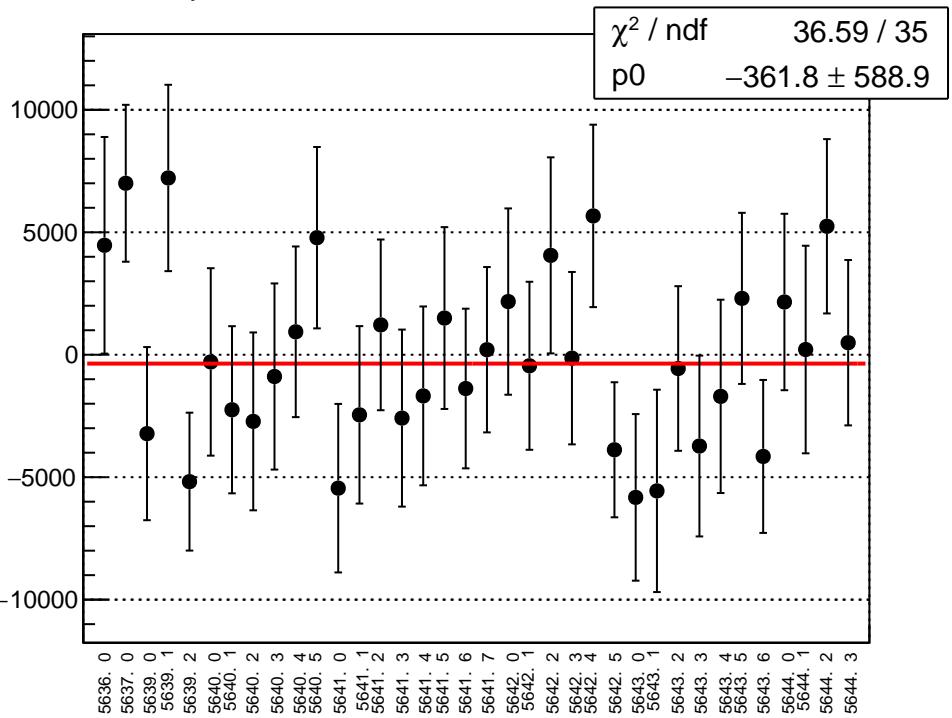
# reg\_asym\_sam\_13\_57\_dd\_mean vs run



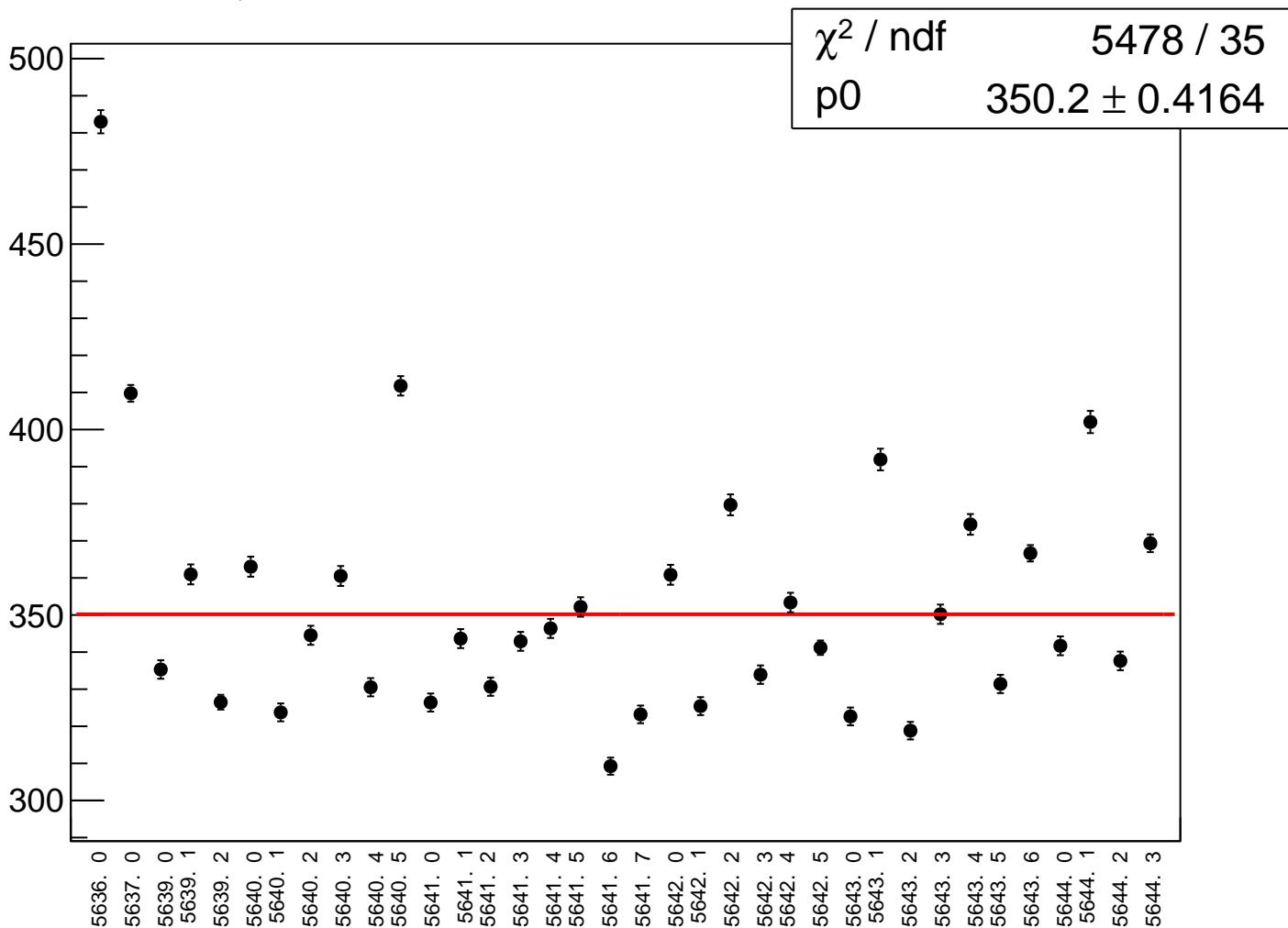
# reg\_asym\_sam\_13\_57\_dd\_rms vs run



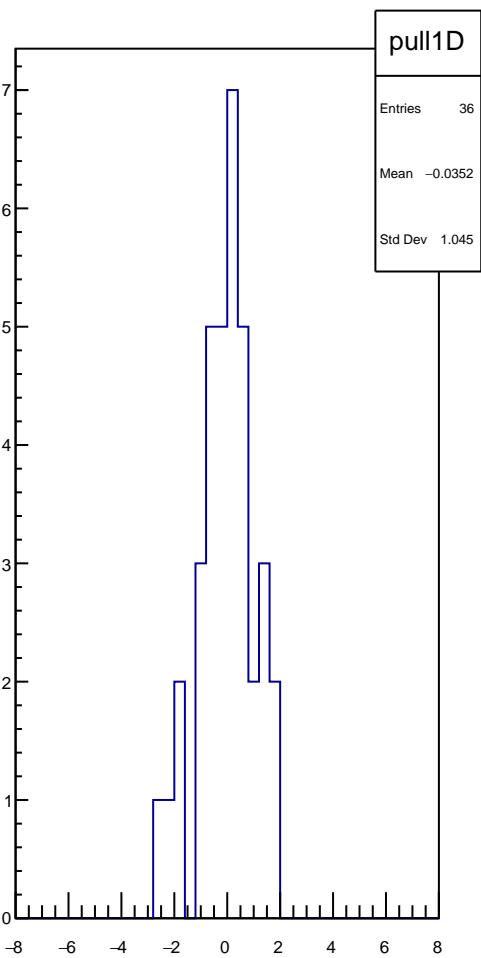
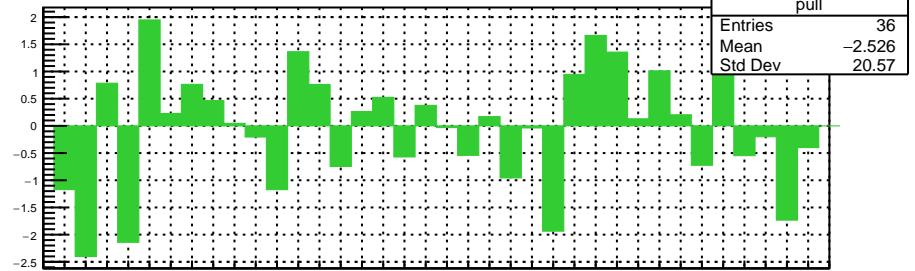
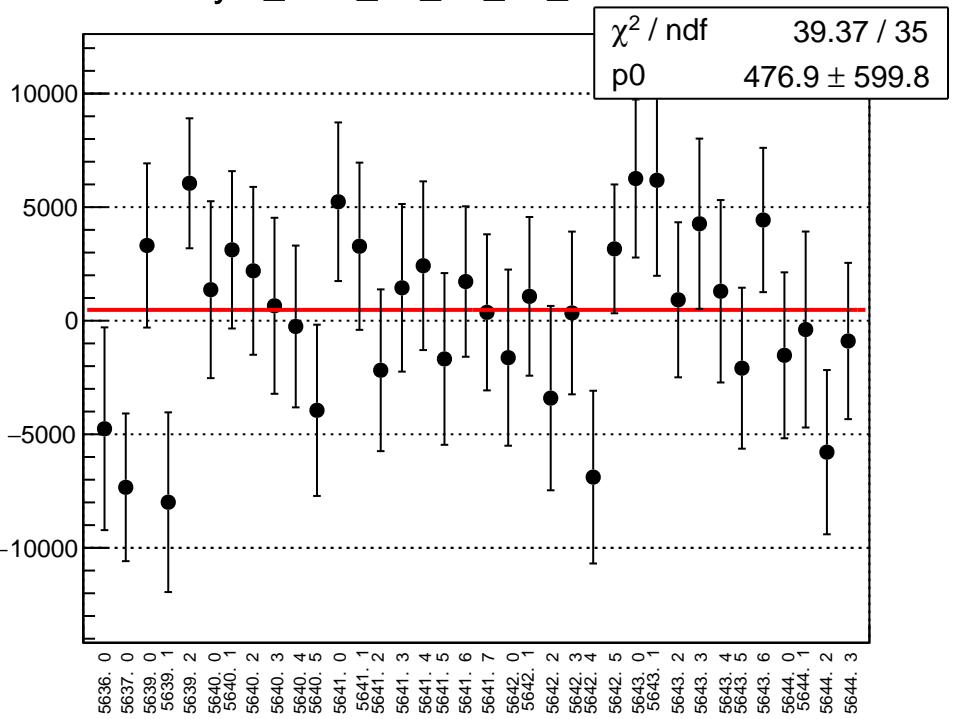
# asym\_sam\_13\_57\_dd\_correction\_mean vs run



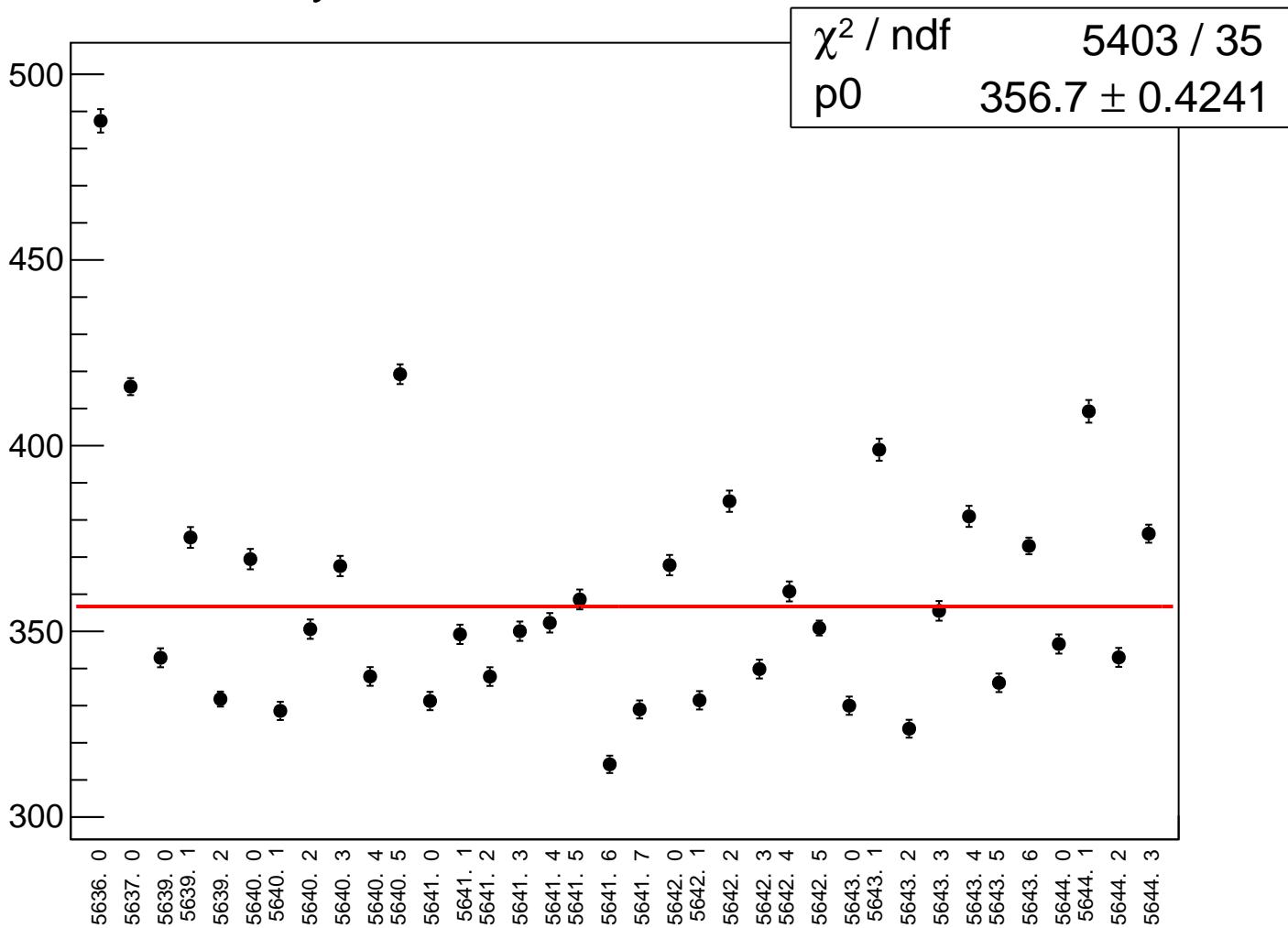
# asym\_sam\_13\_57\_dd\_correction\_rms vs run



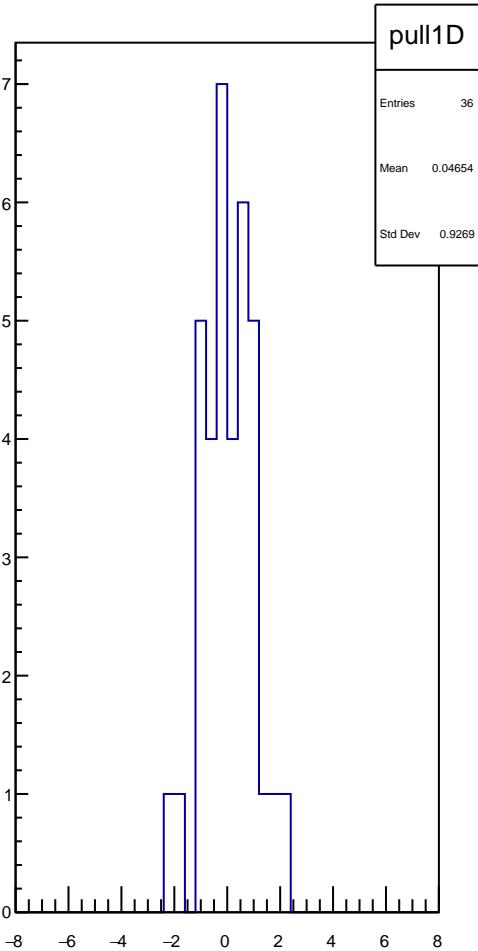
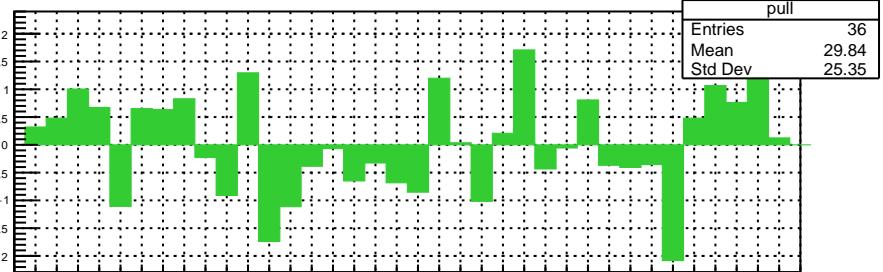
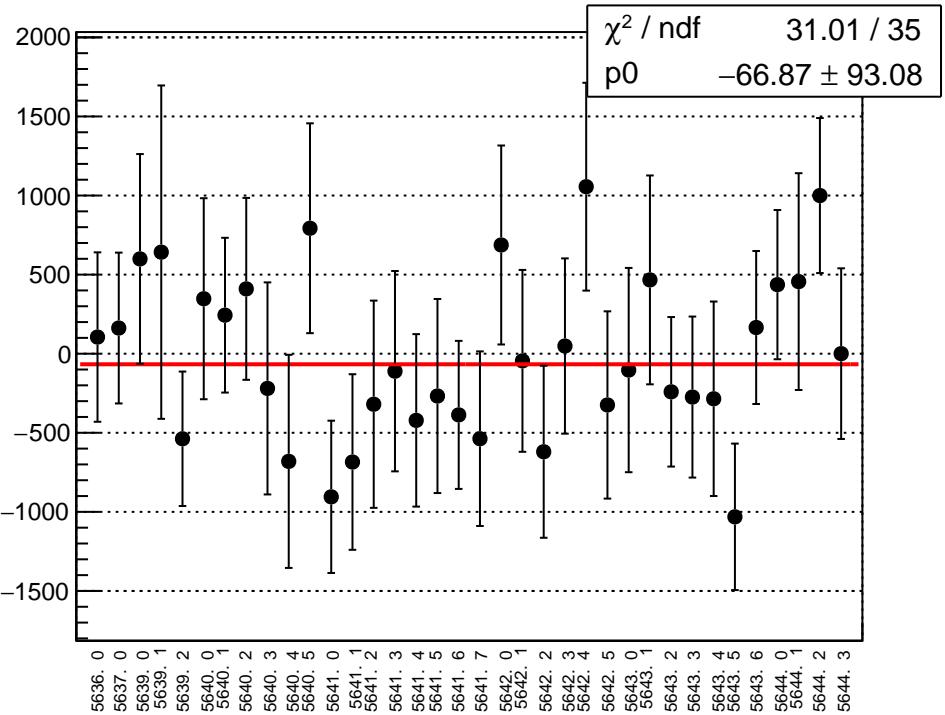
# asym\_sam\_13\_57\_dd\_mean vs run



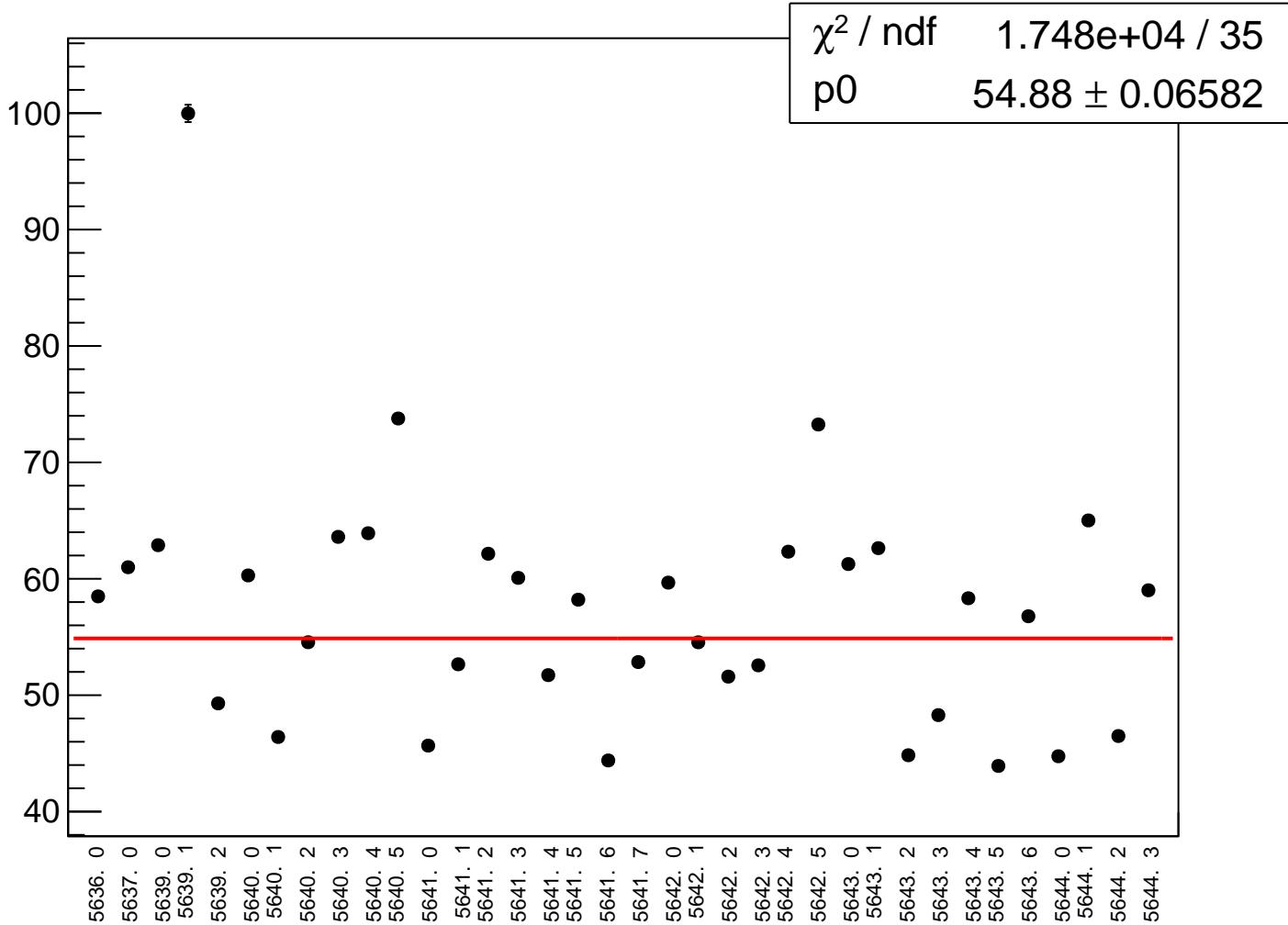
# asym\_sam\_13\_57\_dd\_rms vs run



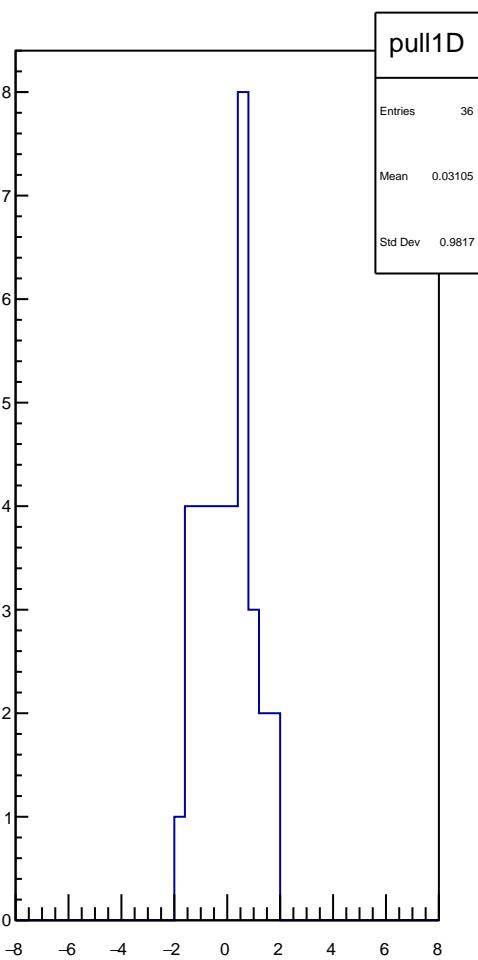
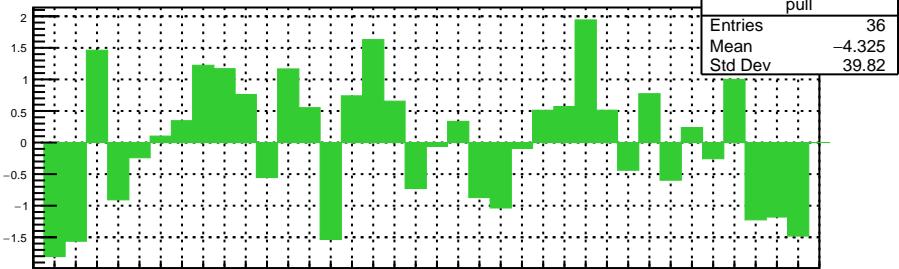
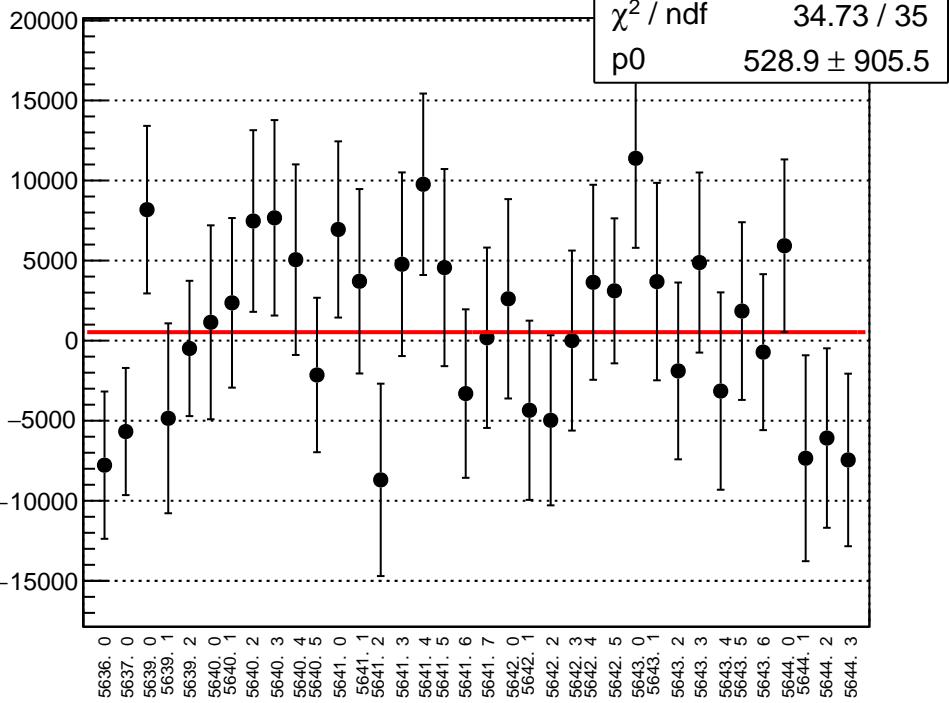
# reg\_asym\_sam\_15\_37\_dd\_mean vs run



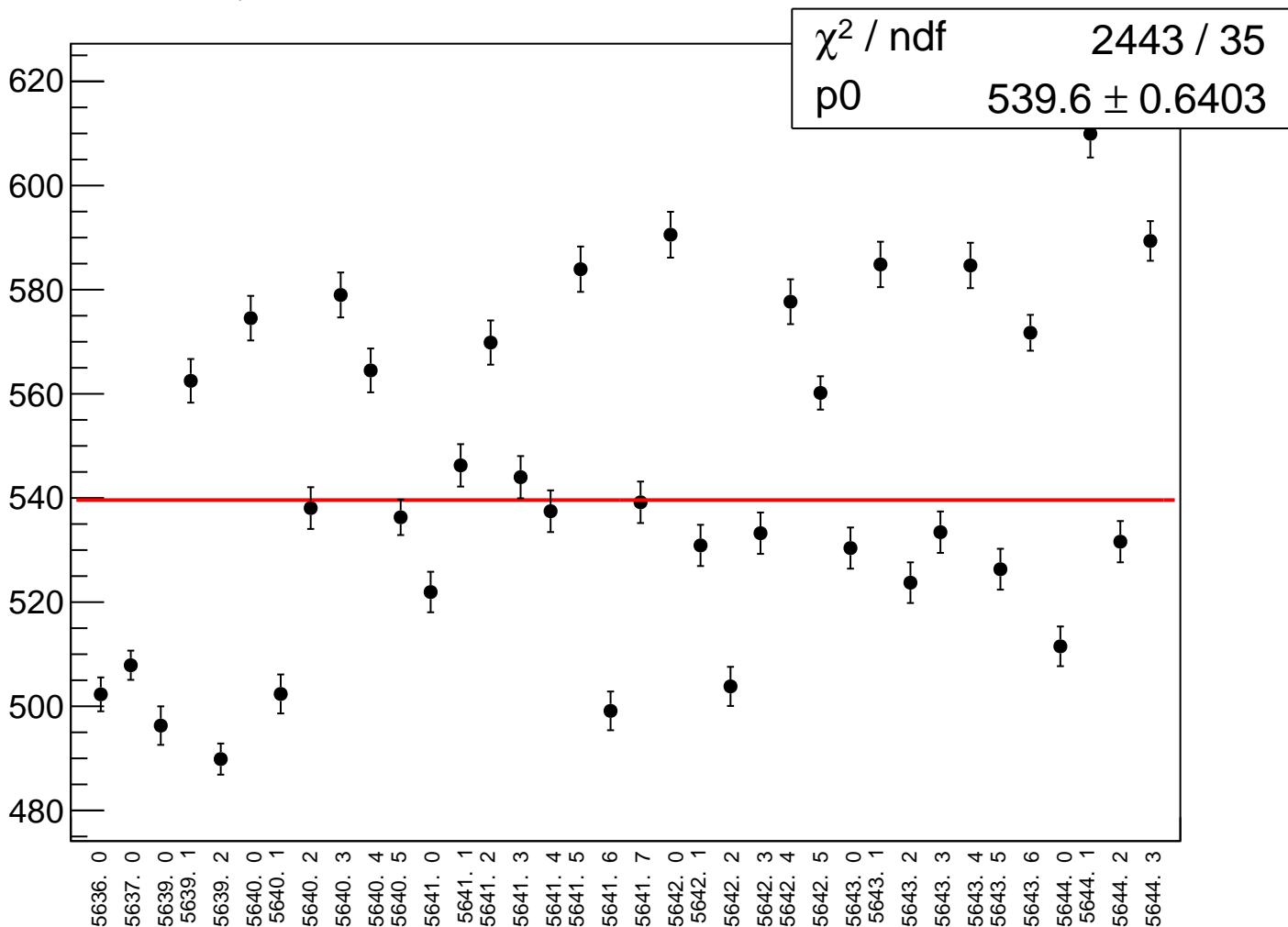
# reg\_asym\_sam\_15\_37\_dd\_rms vs run



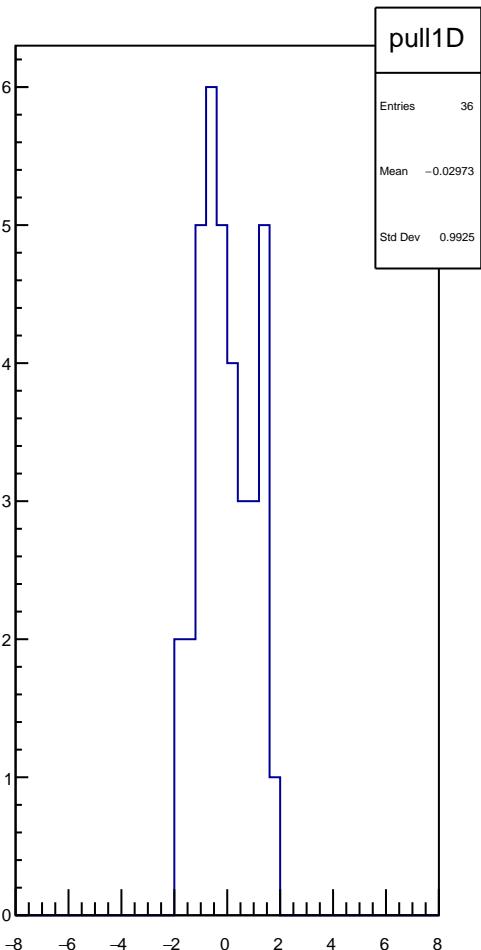
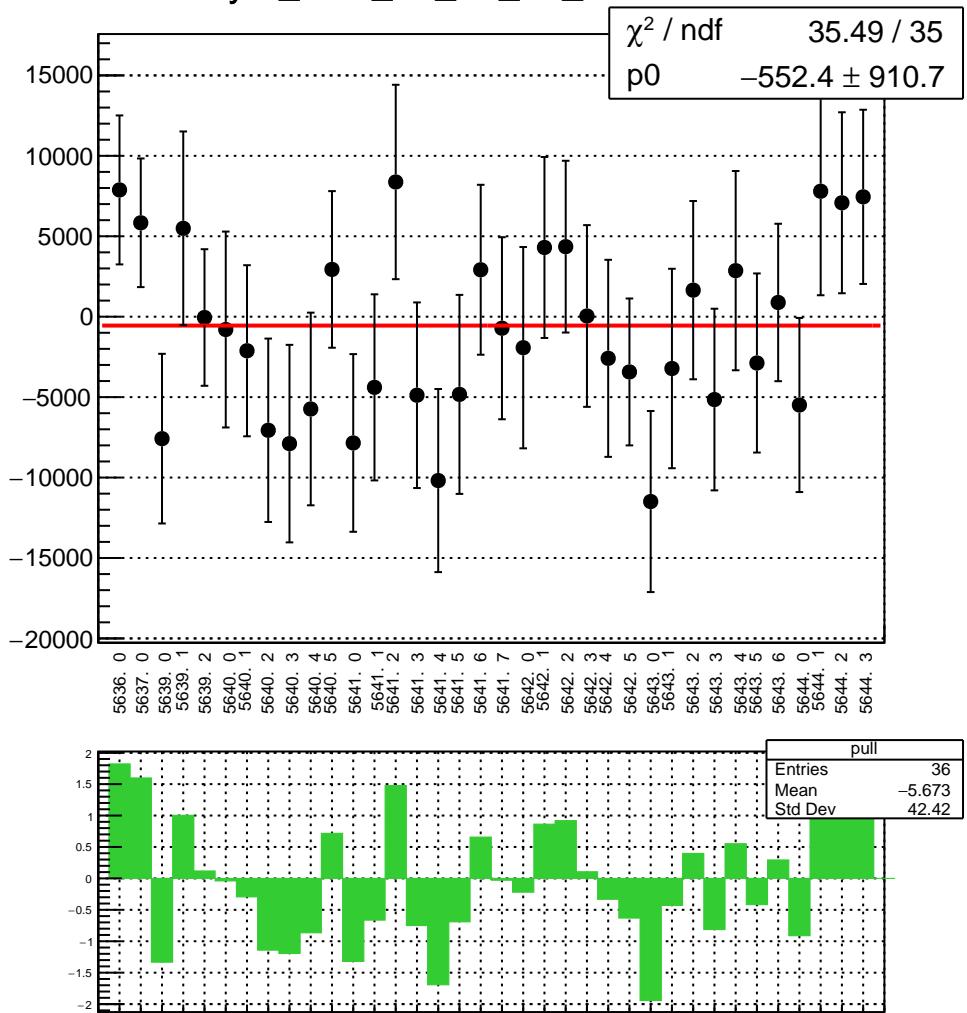
# asym\_sam\_15\_37\_dd\_correction\_mean vs run



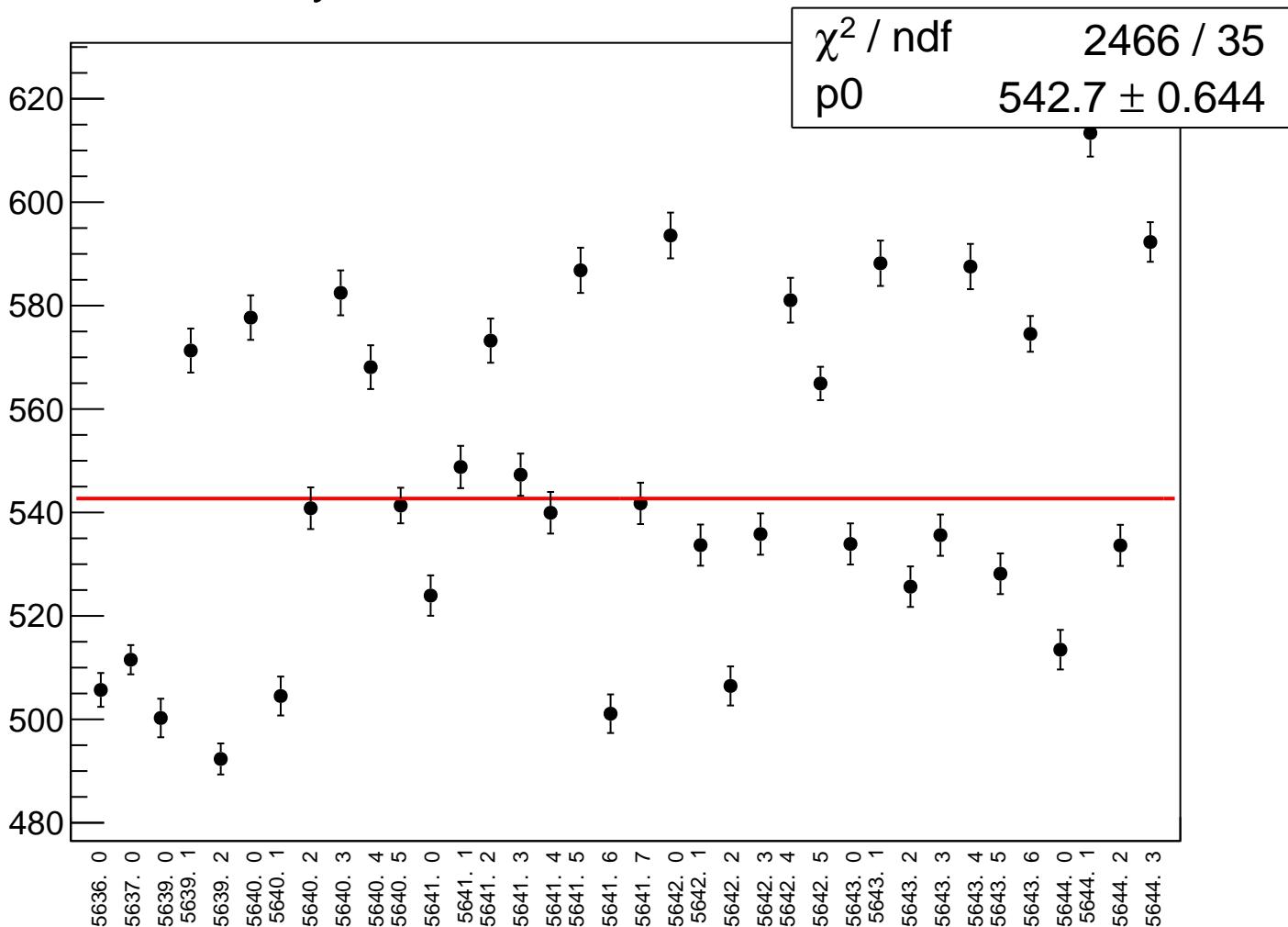
# asym\_sam\_15\_37\_dd\_correction\_rms vs run



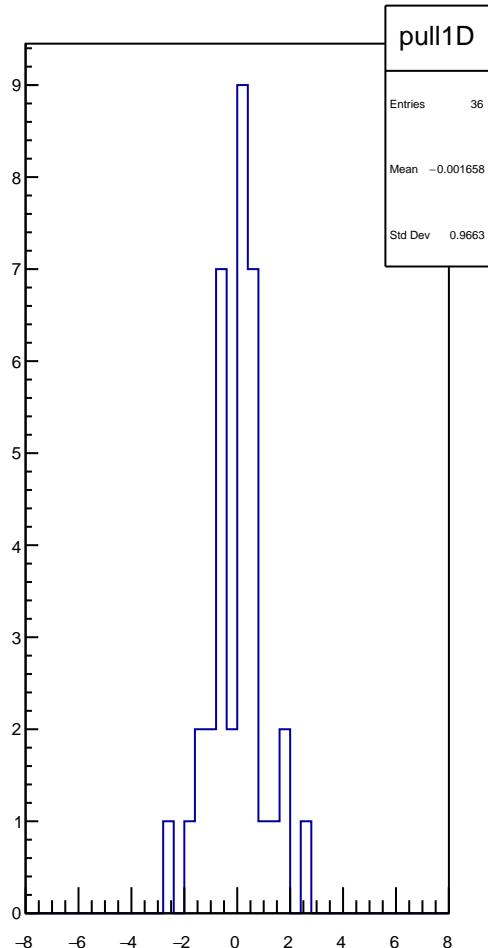
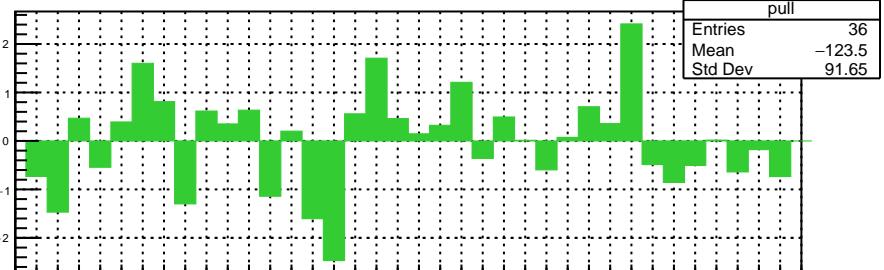
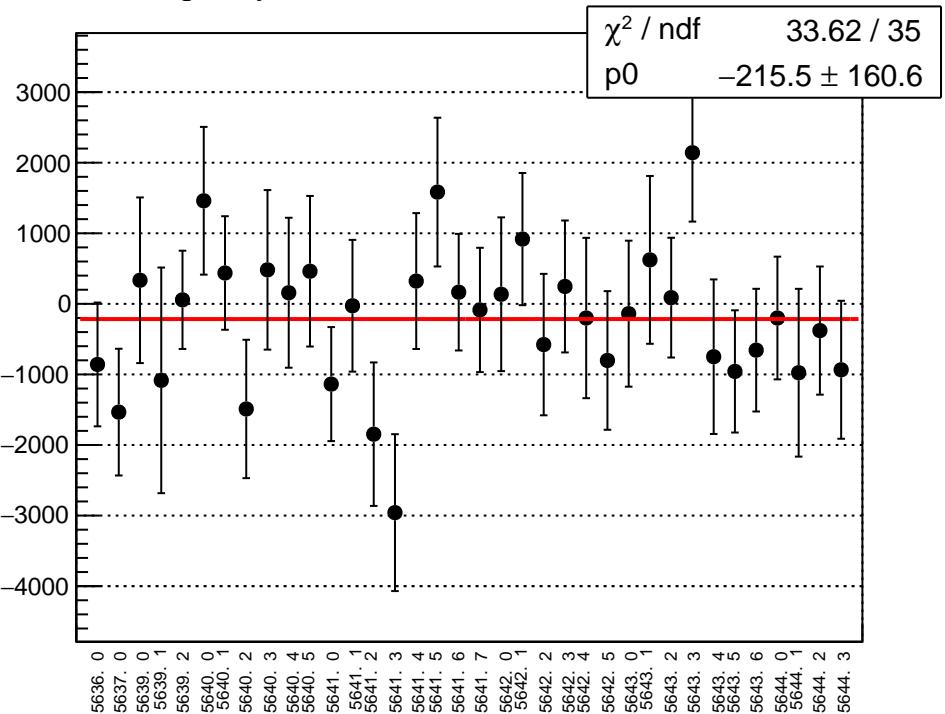
# asym\_sam\_15\_37\_dd\_mean vs run



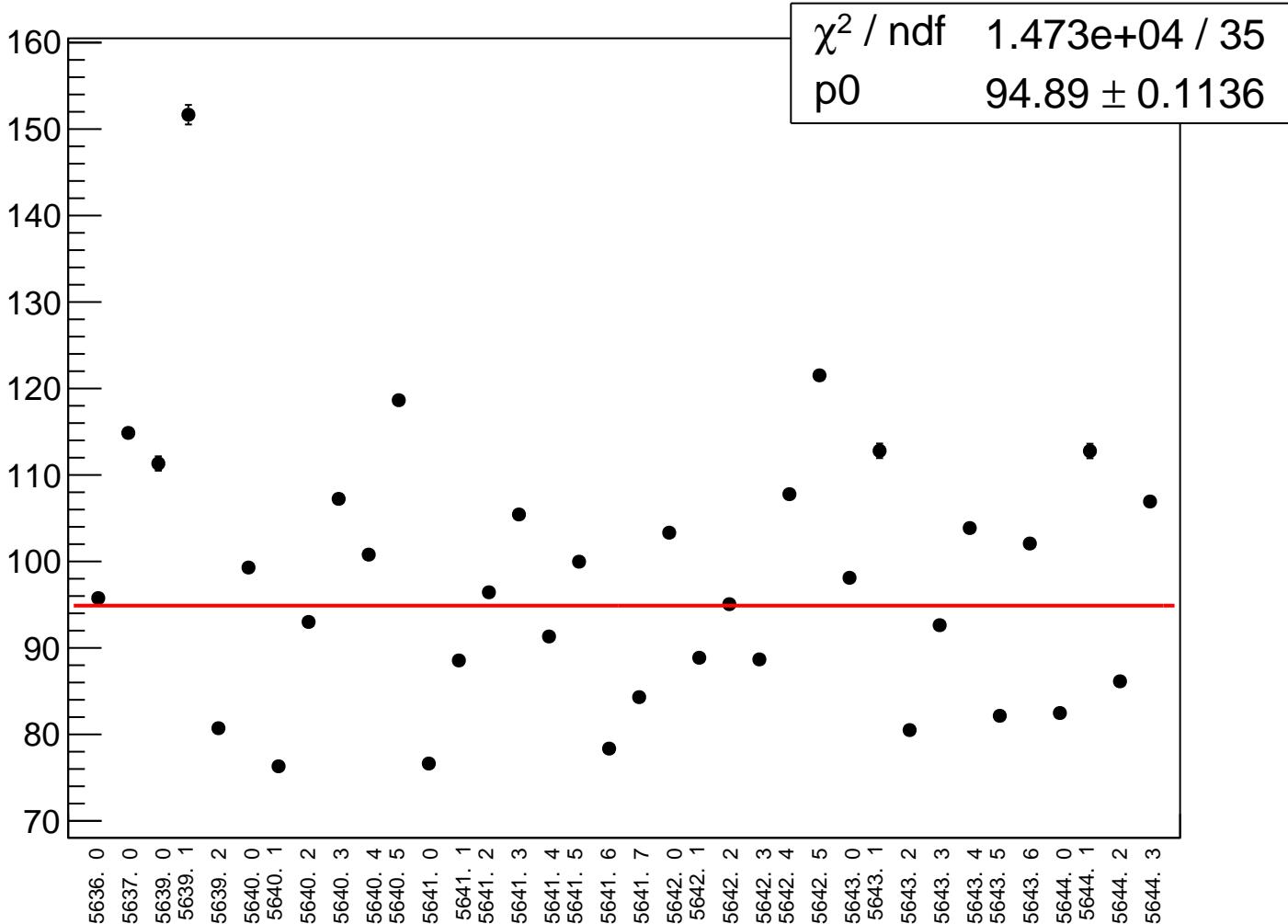
# asym\_sam\_15\_37\_dd\_rms vs run



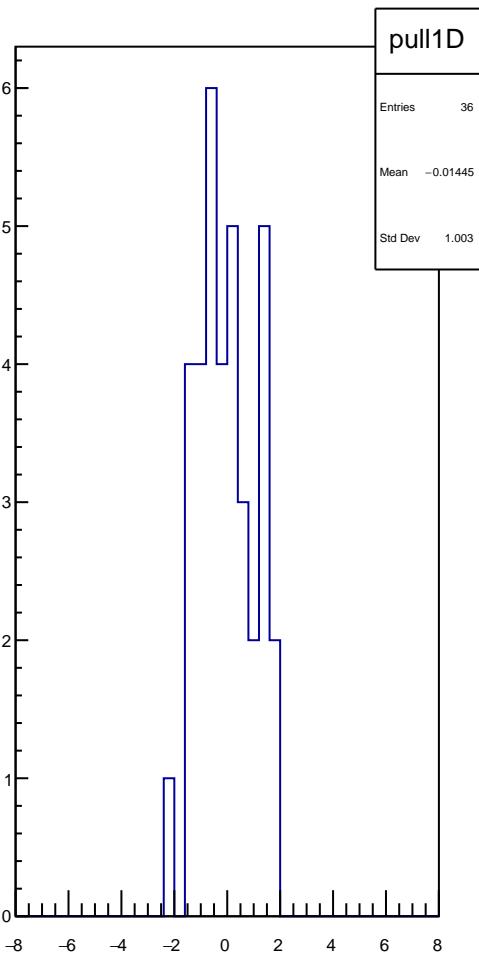
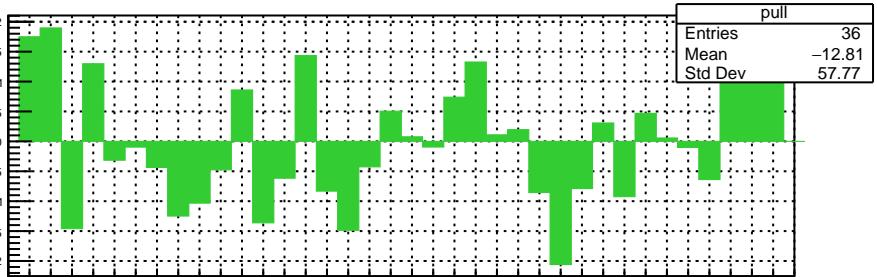
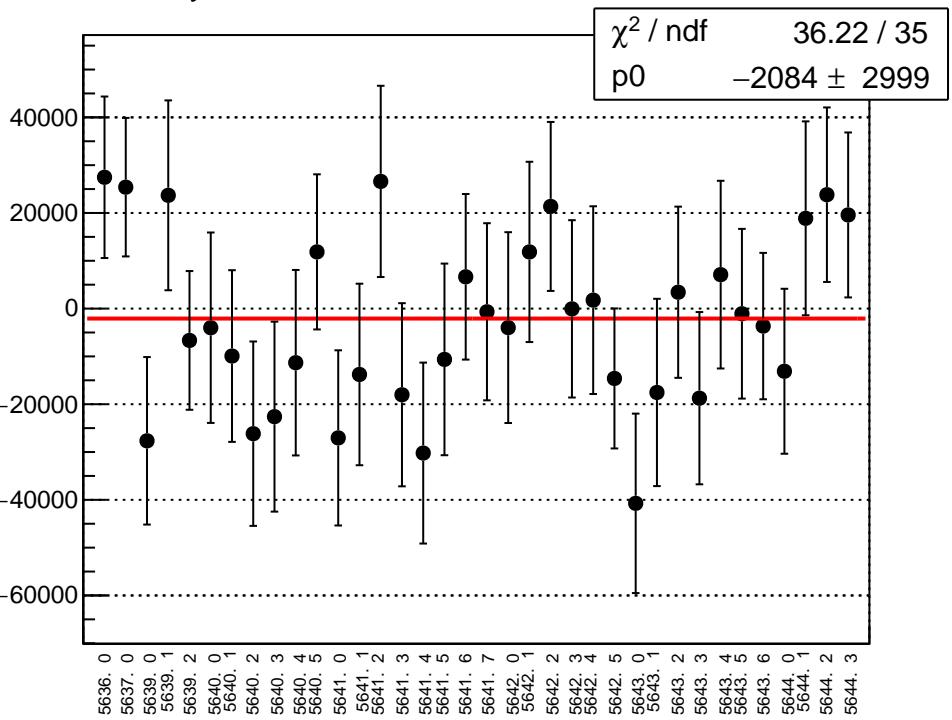
# reg\_asym\_sam\_24\_68\_dd\_mean vs run



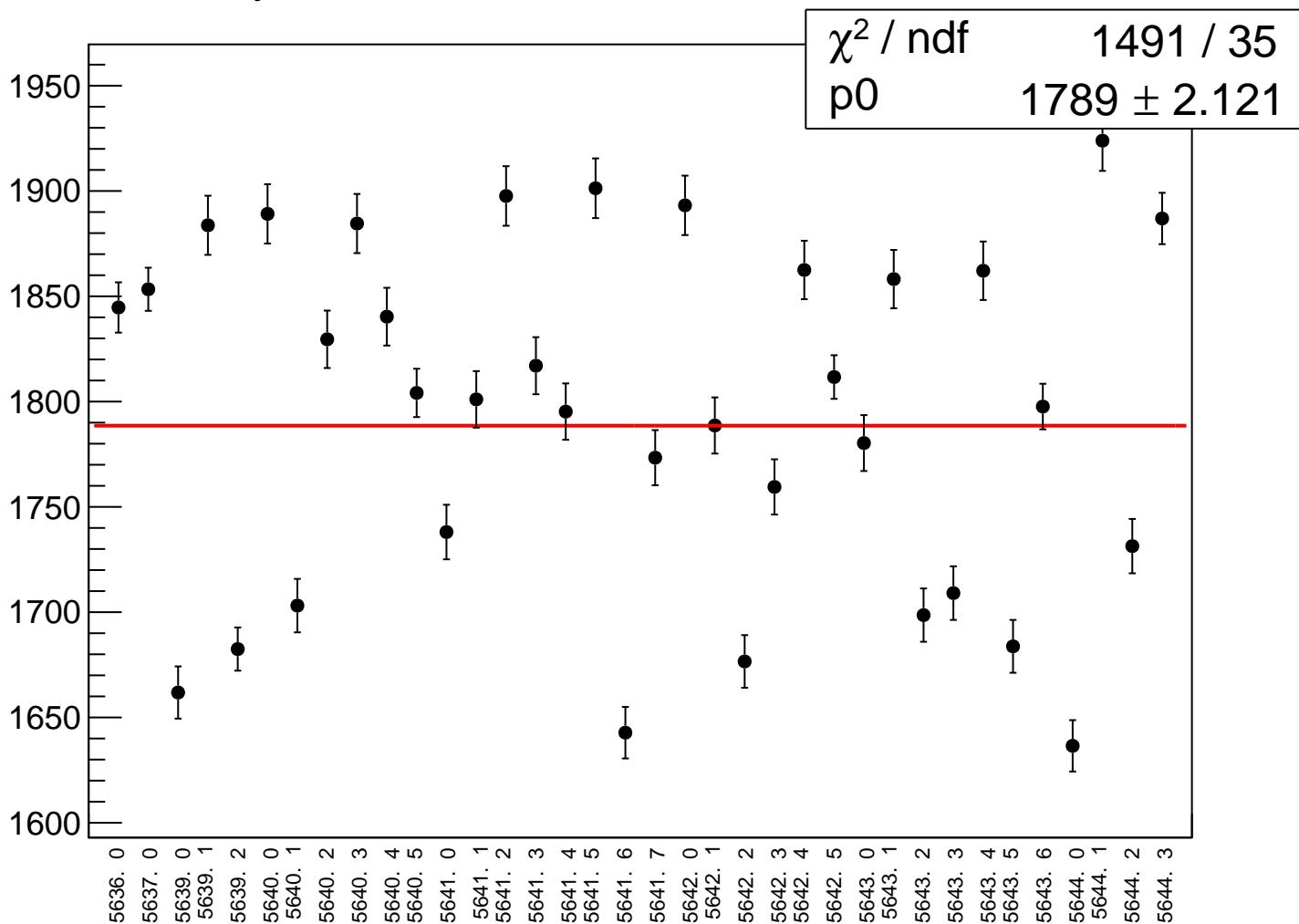
# reg\_asym\_sam\_24\_68\_dd\_rms vs run



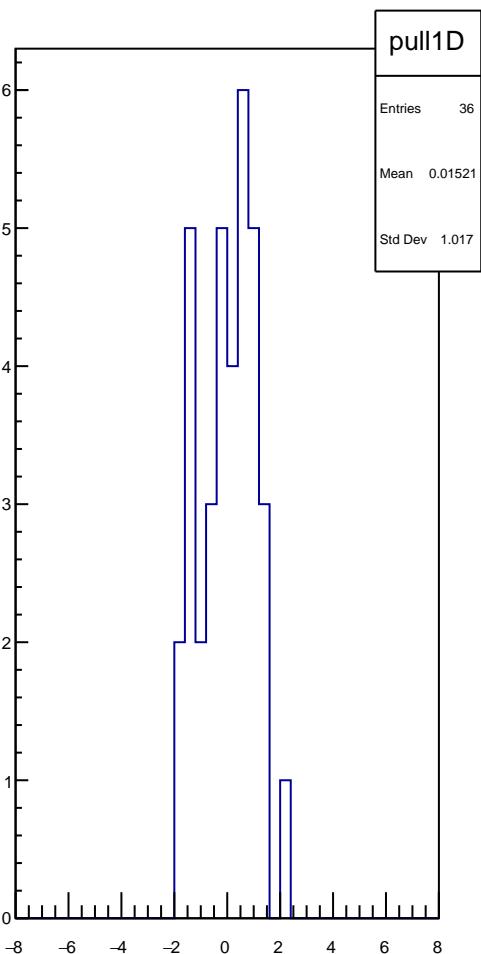
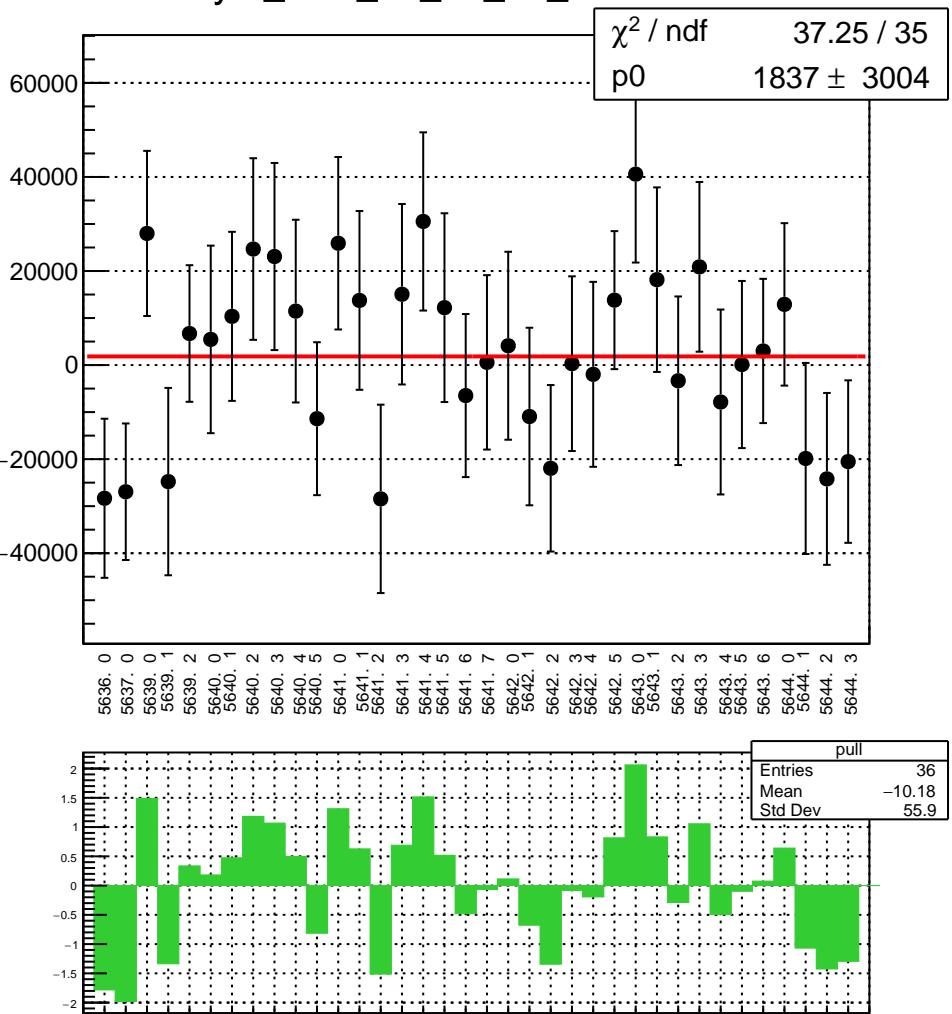
# asym\_sam\_24\_68\_dd\_correction\_mean vs run



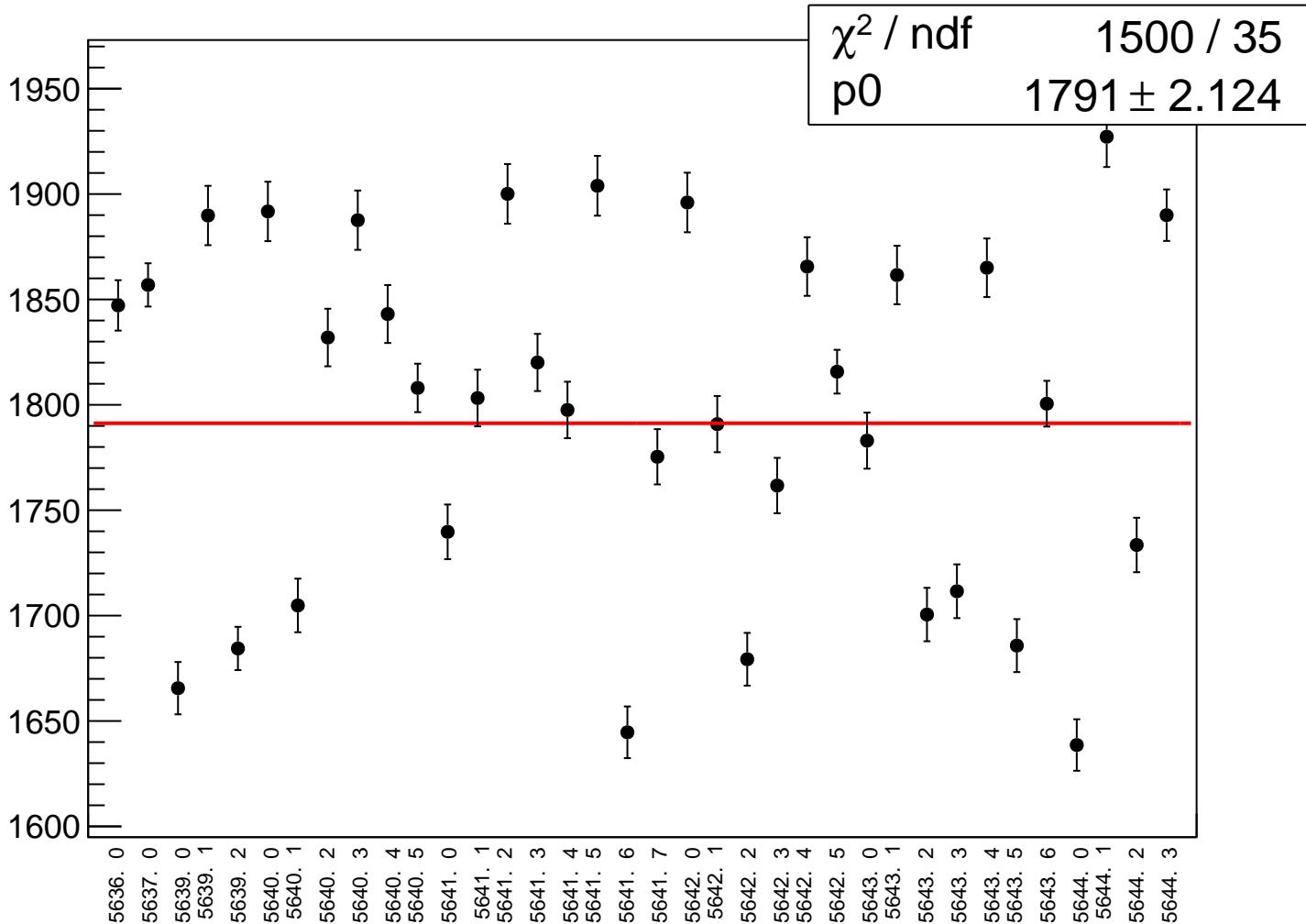
# asym\_sam\_24\_68\_dd\_correction\_rms vs run



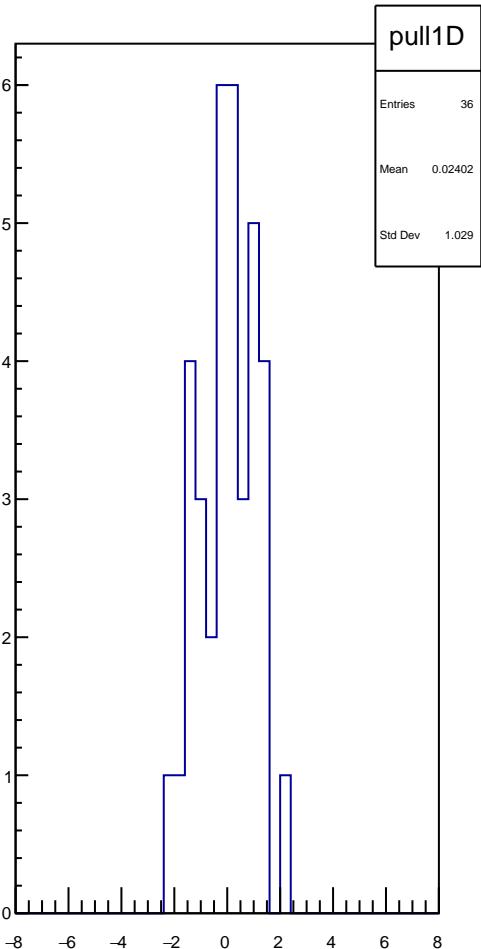
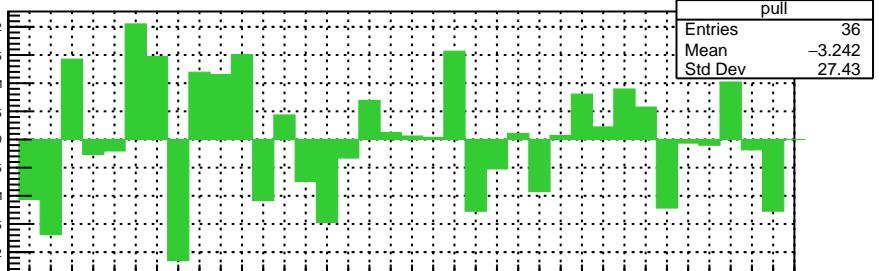
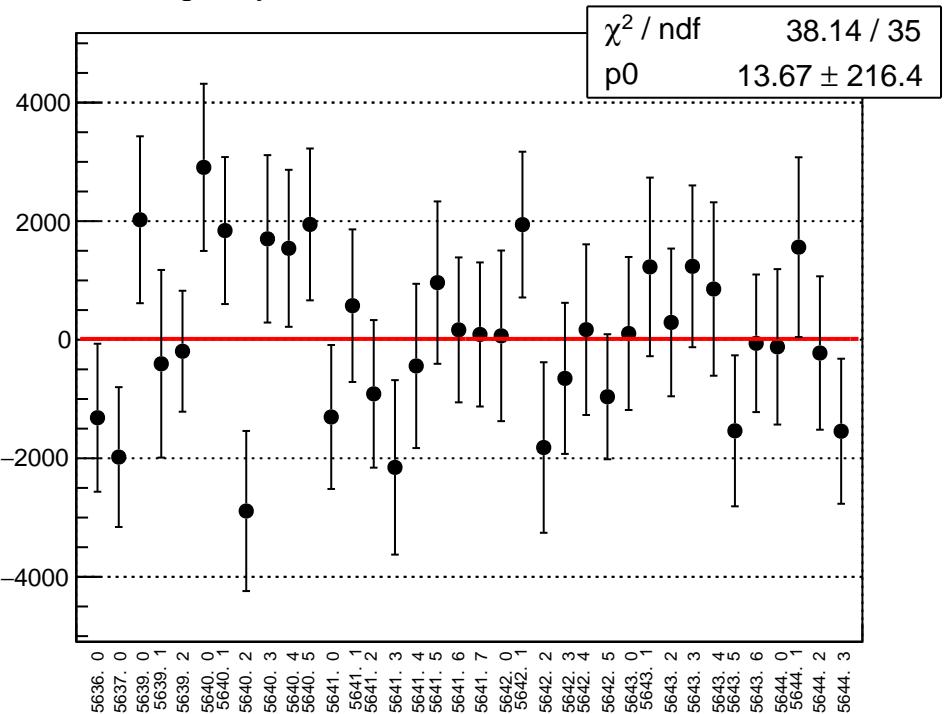
# asym\_sam\_24\_68\_dd\_mean vs run



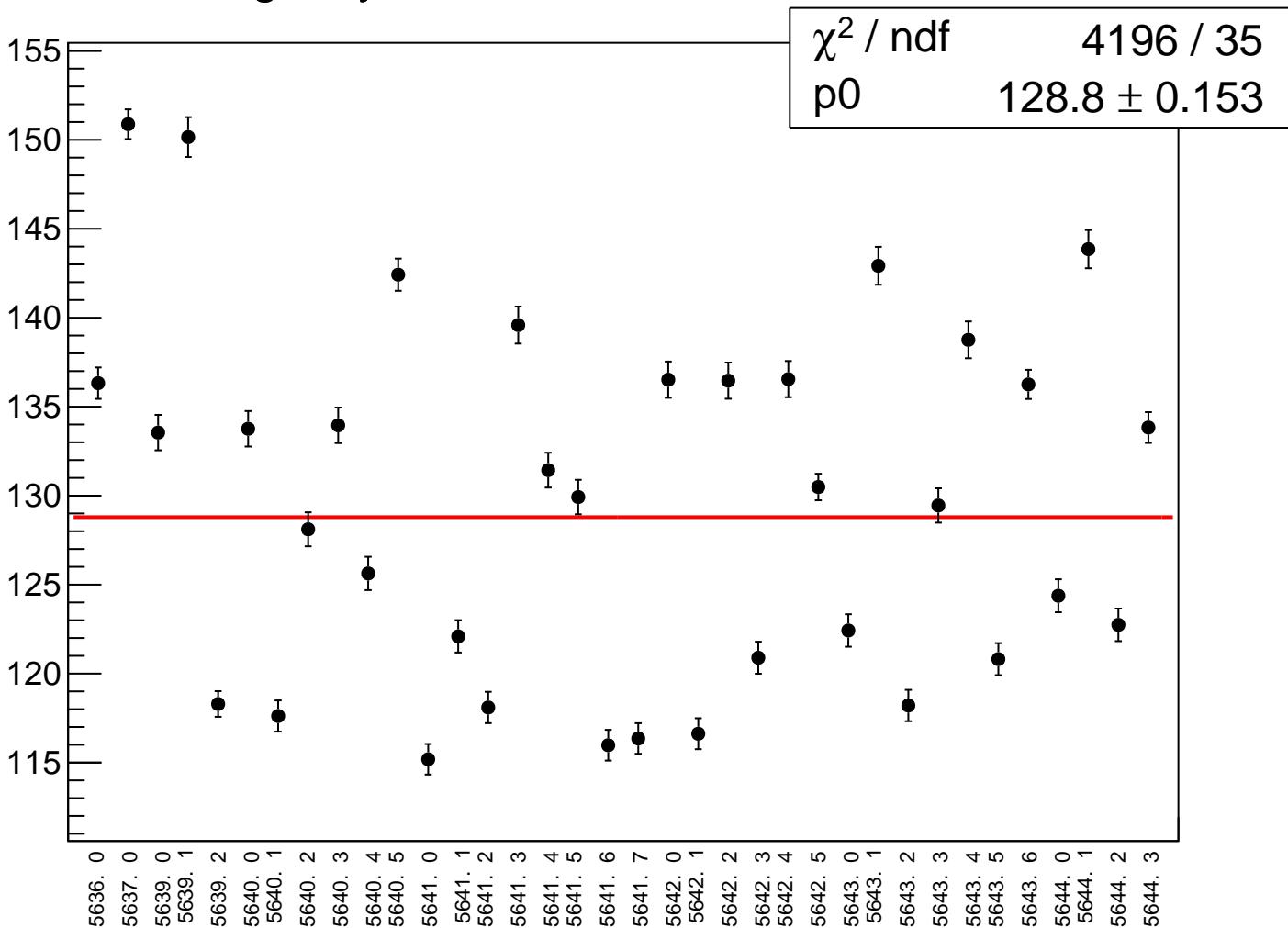
# asym\_sam\_24\_68\_dd\_rms vs run



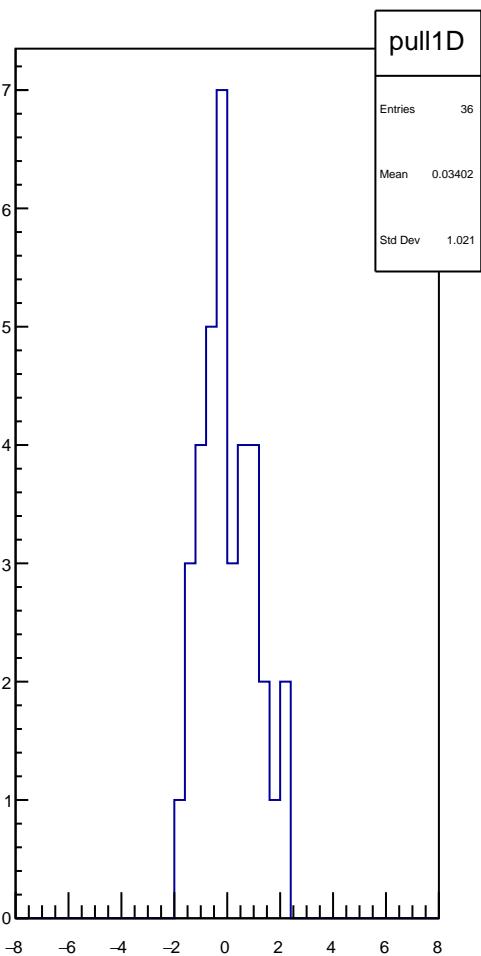
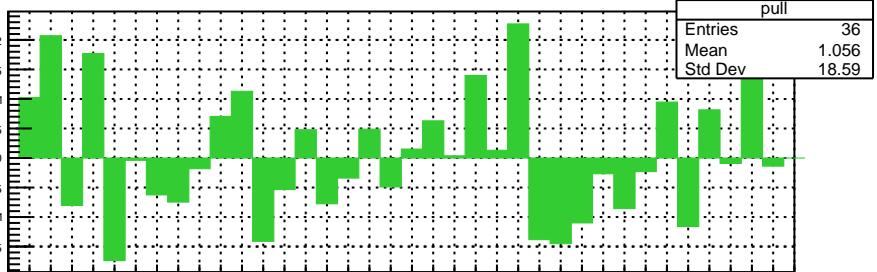
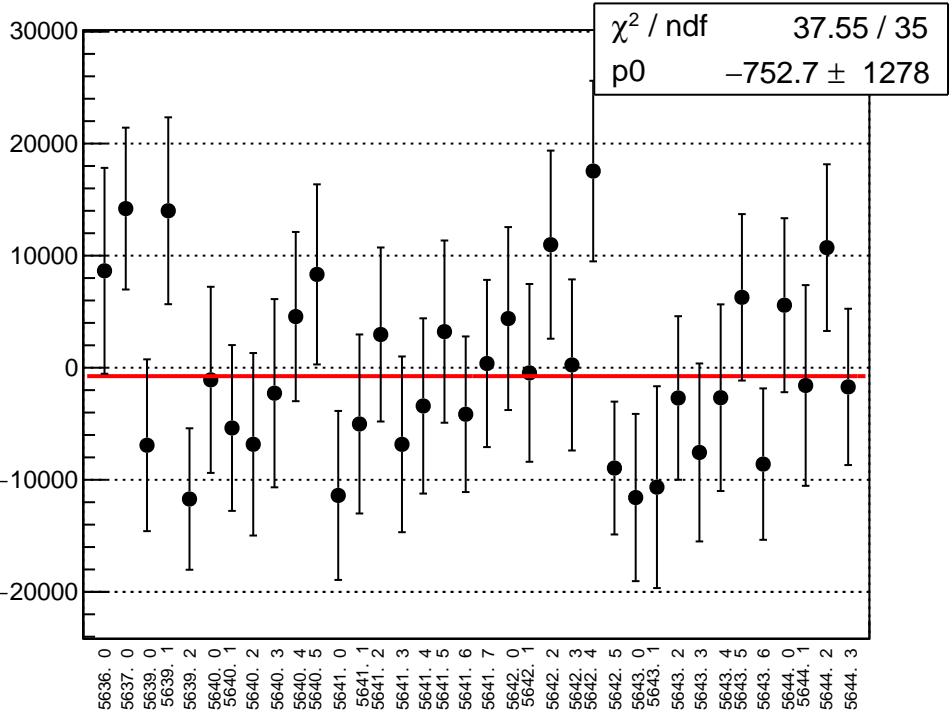
# reg\_asym\_sam\_26\_48\_dd\_mean vs run



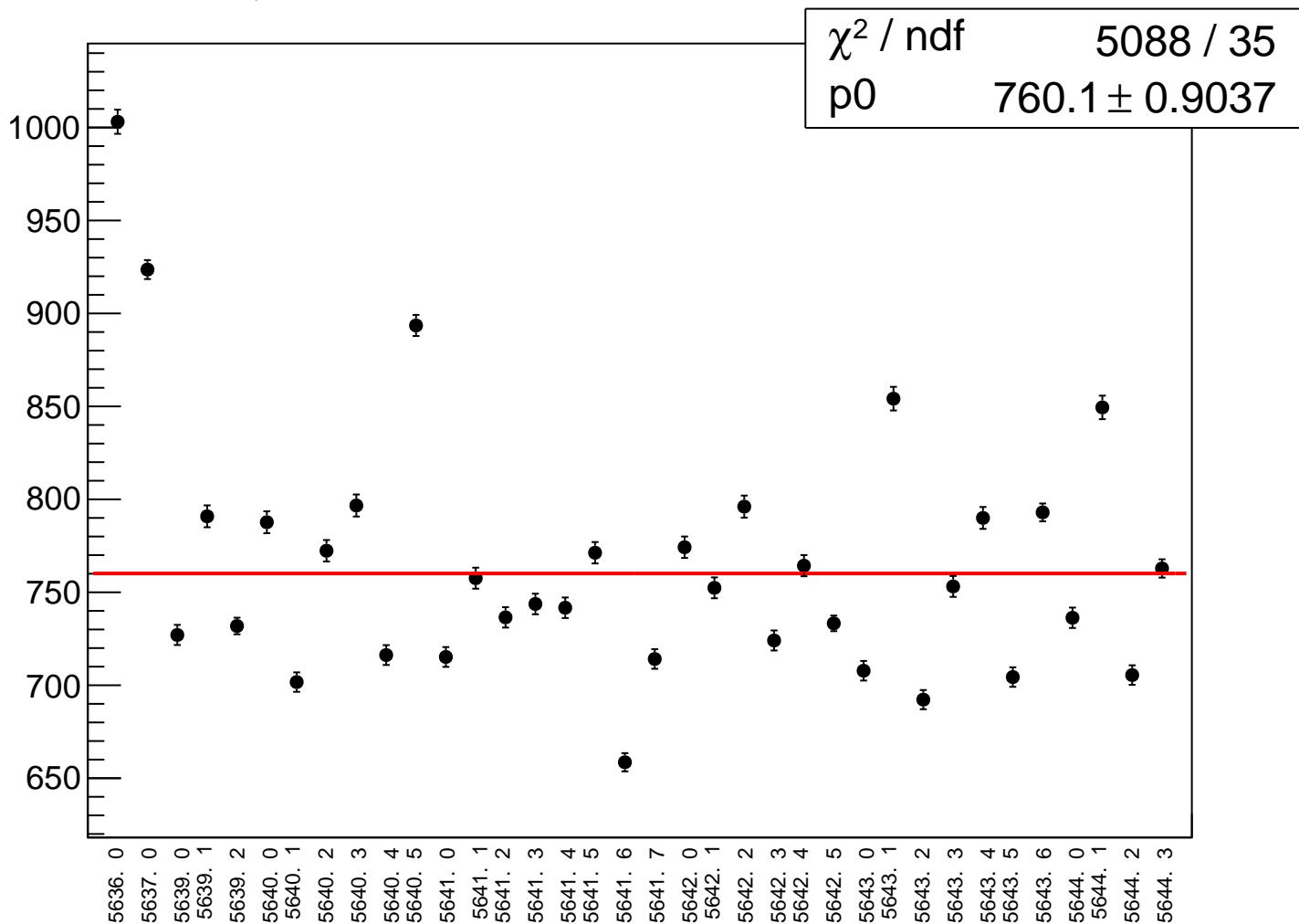
# reg\_asym\_sam\_26\_48\_dd\_rms vs run



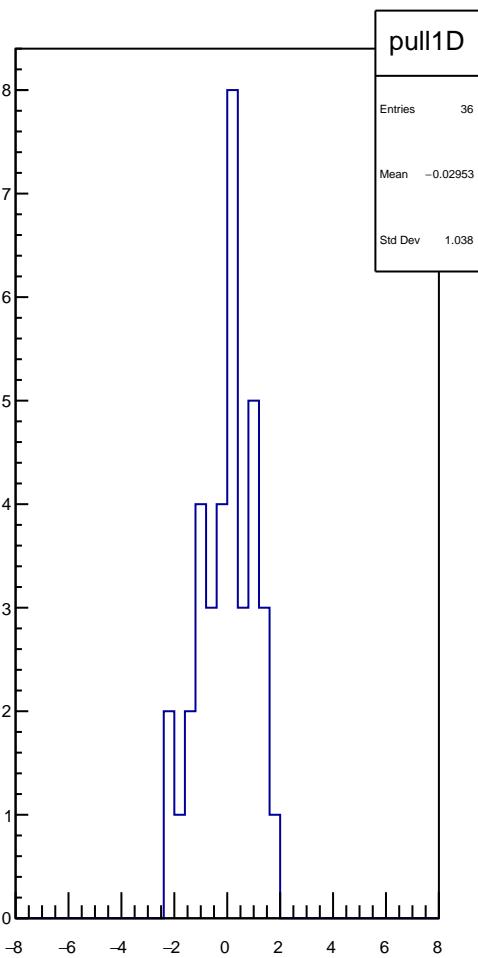
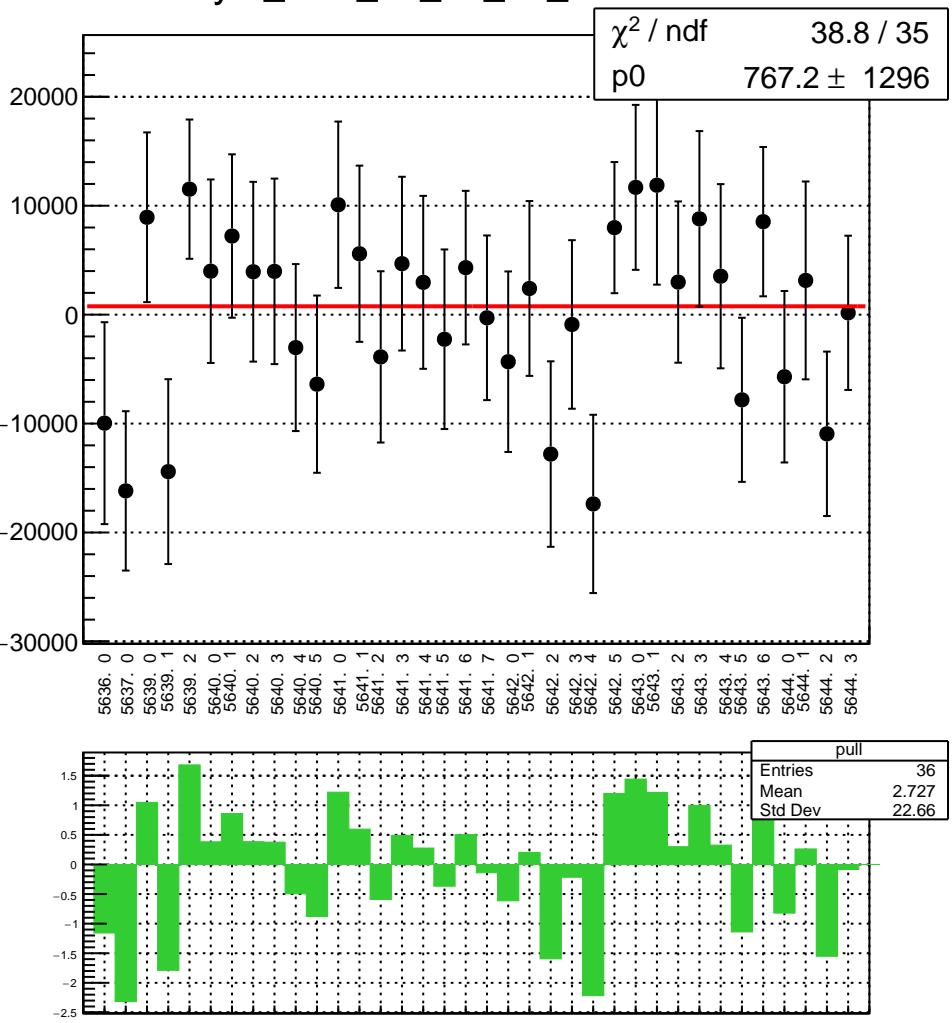
# asym\_sam\_26\_48\_dd\_correction\_mean vs run



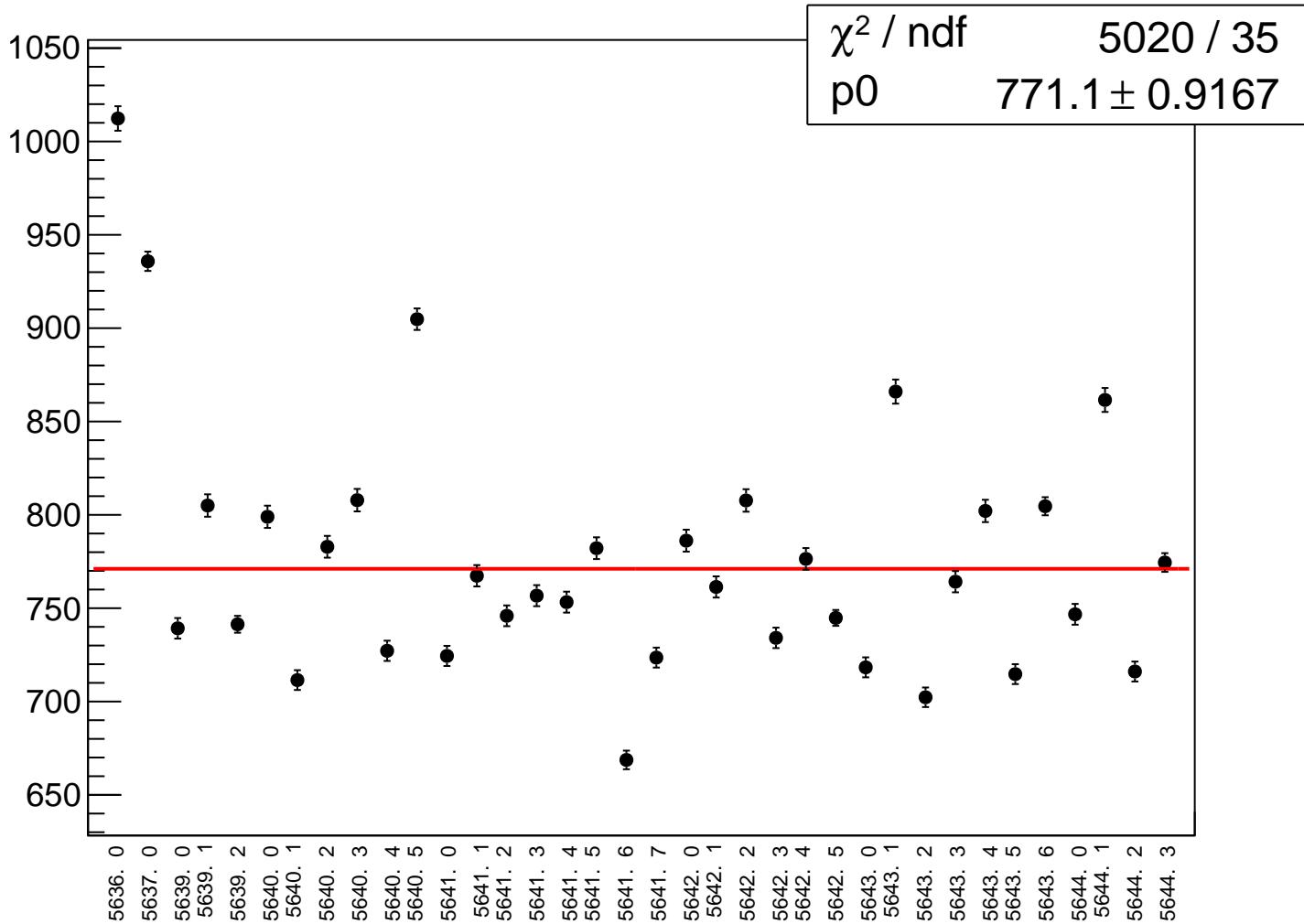
# asym\_sam\_26\_48\_dd\_correction\_rms vs run



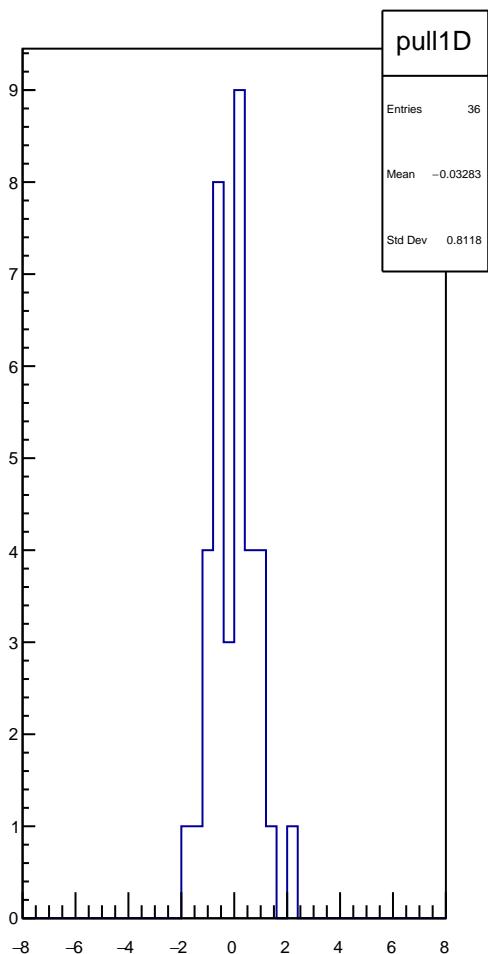
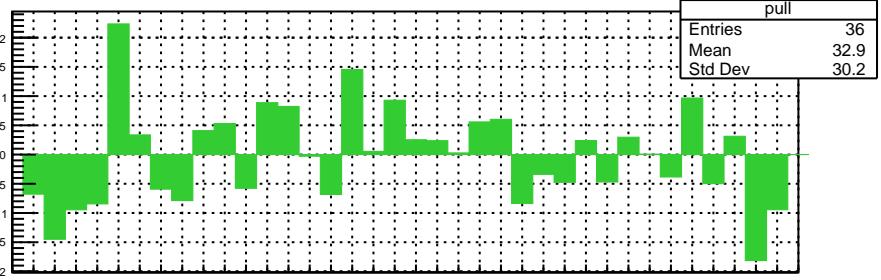
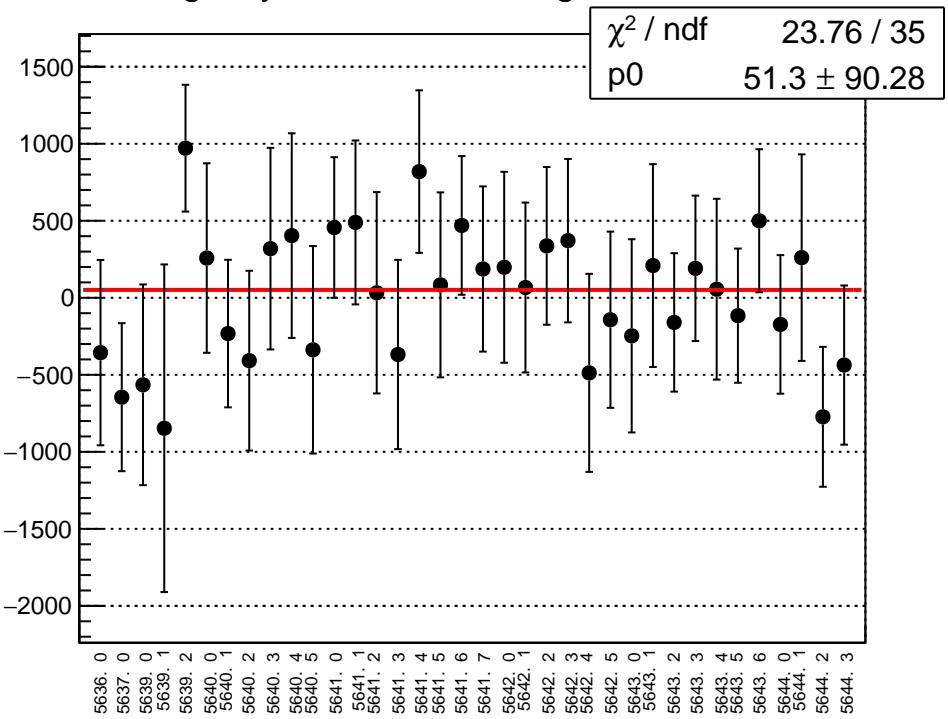
# asym\_sam\_26\_48\_dd\_mean vs run



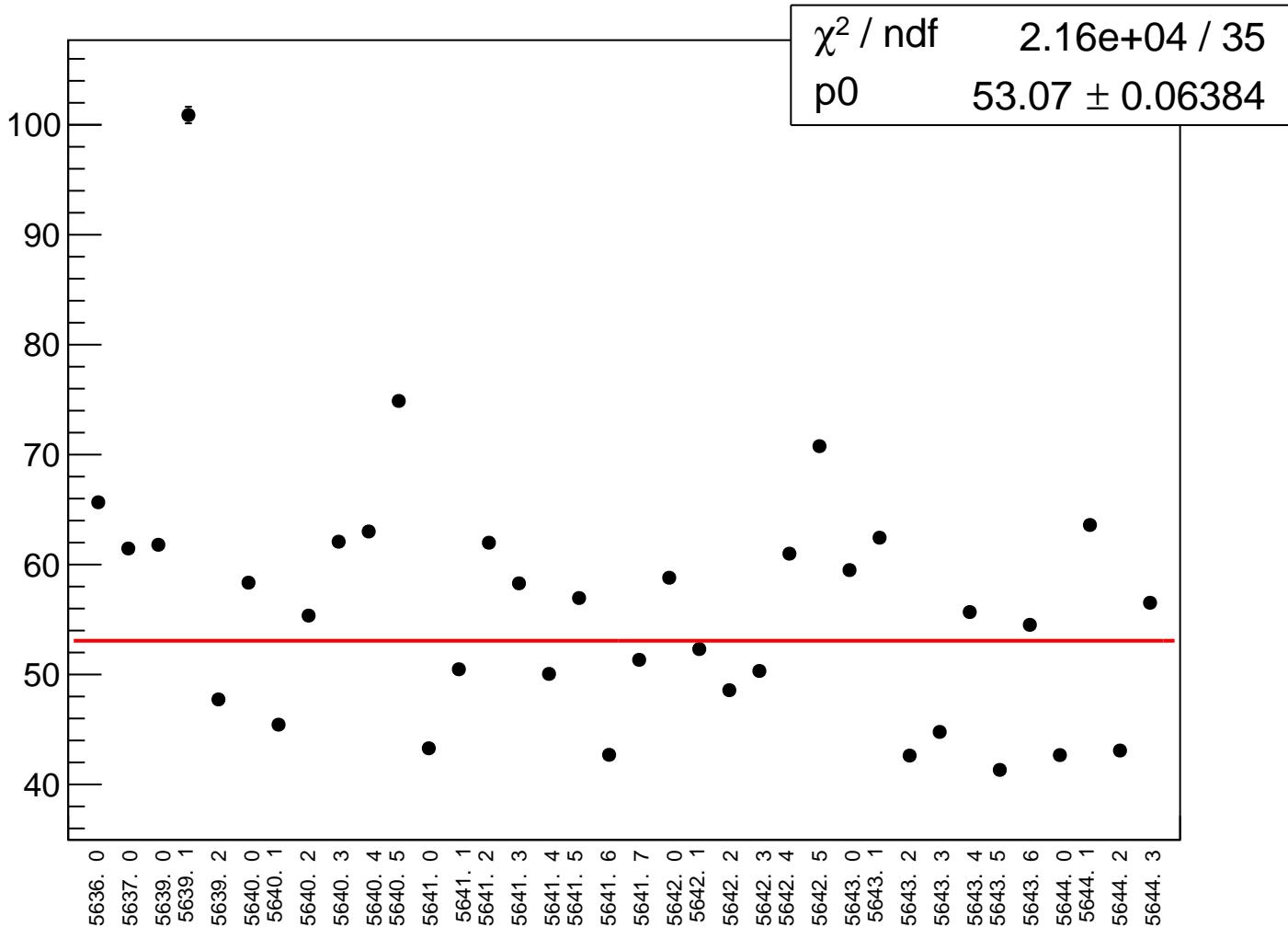
# asym\_sam\_26\_48\_dd\_rms vs run



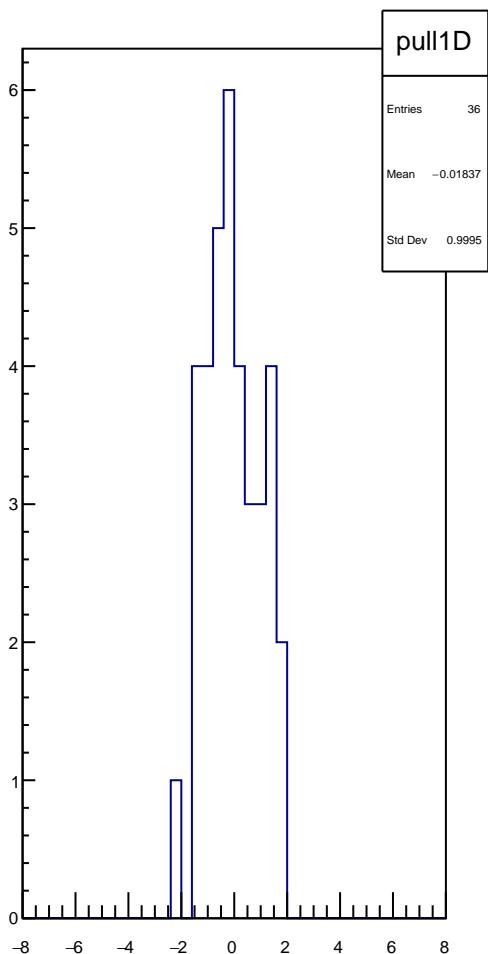
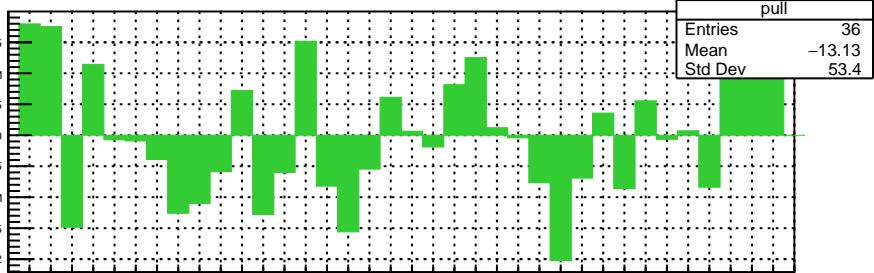
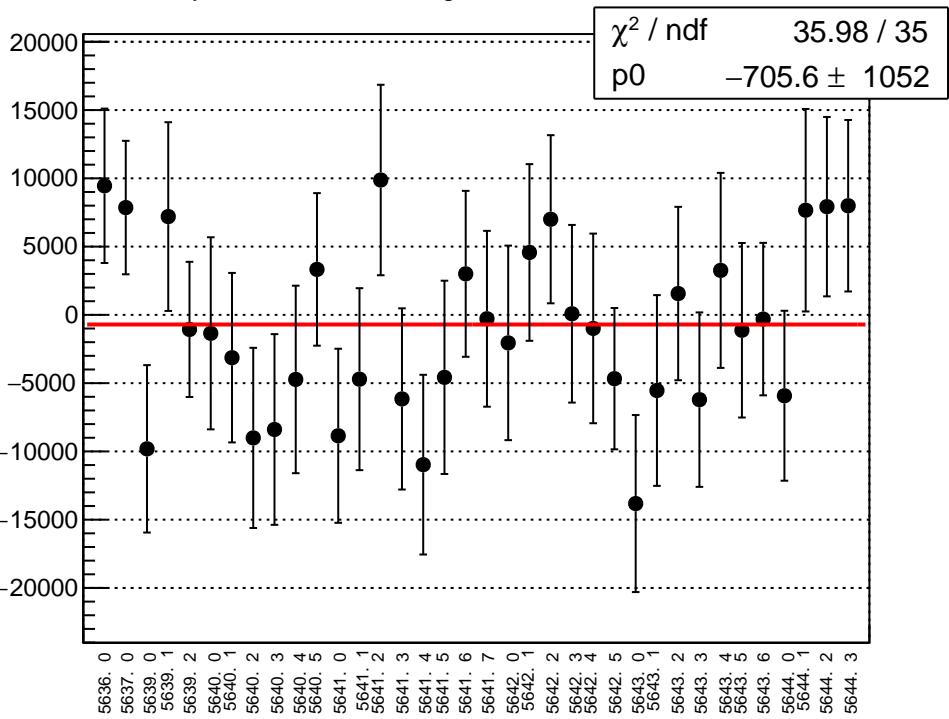
# reg\_asym\_sam\_1357\_avg\_mean vs run



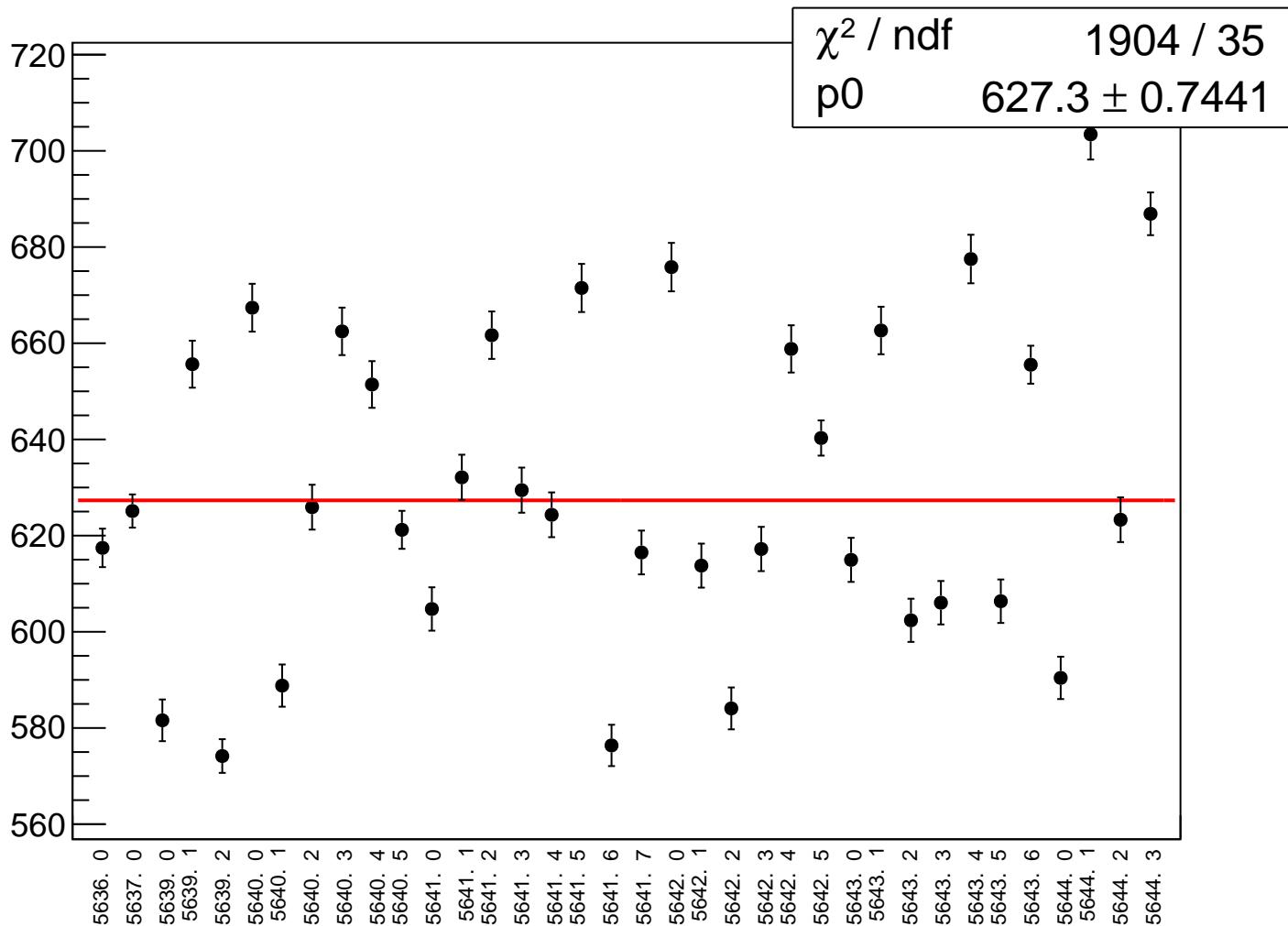
# reg\_asym\_sam\_1357\_avg\_rms vs run



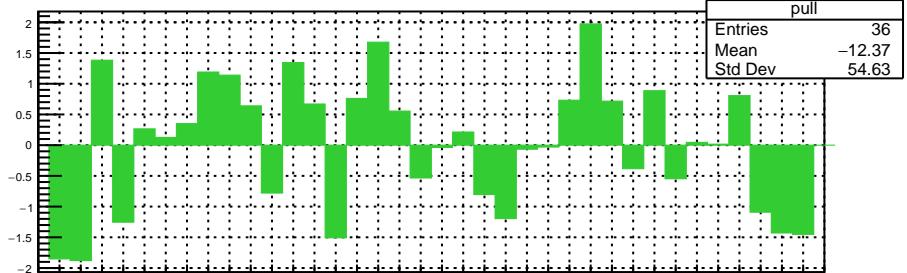
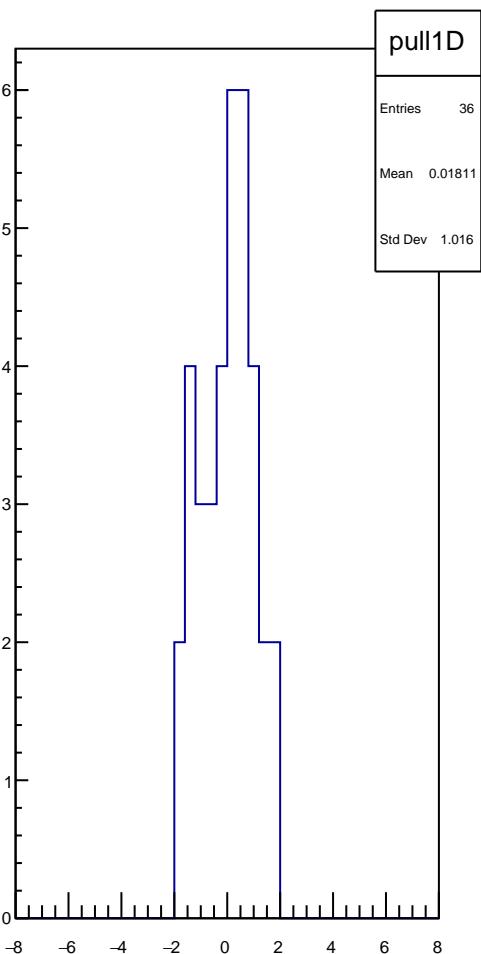
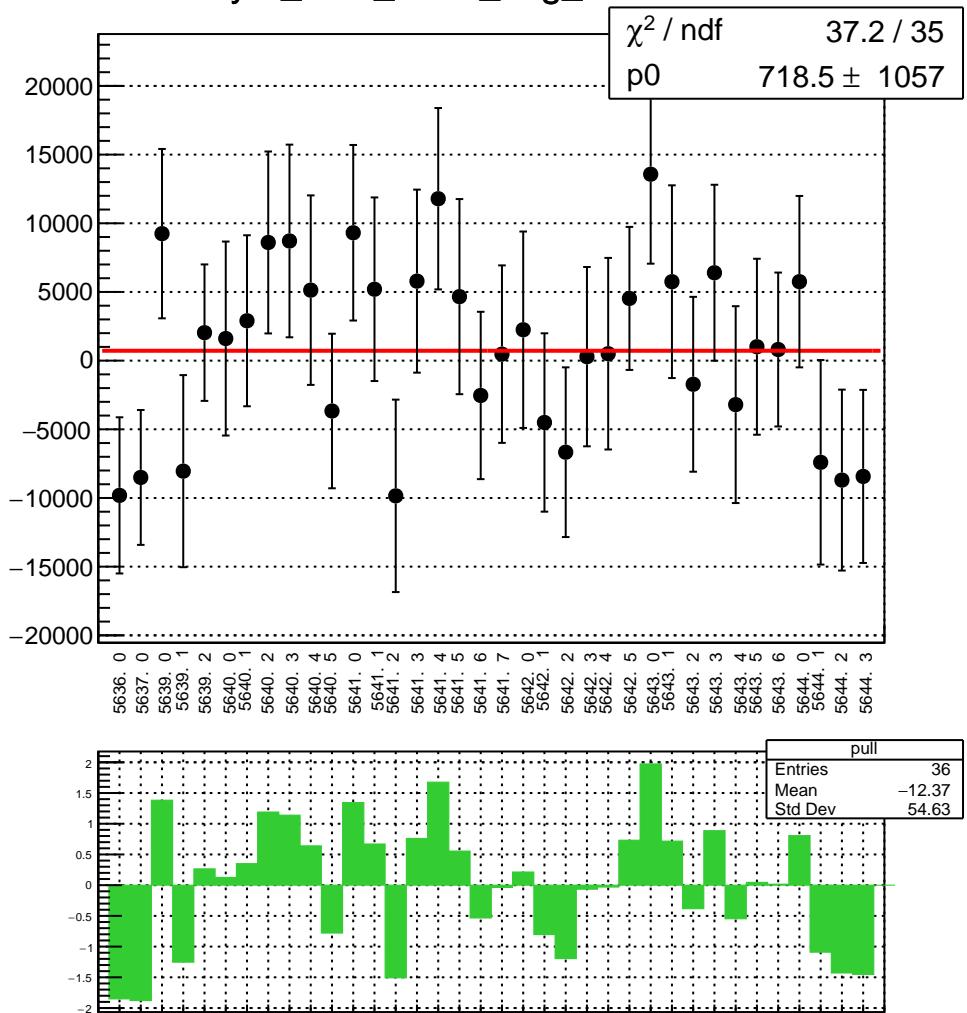
# asym\_sam\_1357\_avg\_correction\_mean vs run



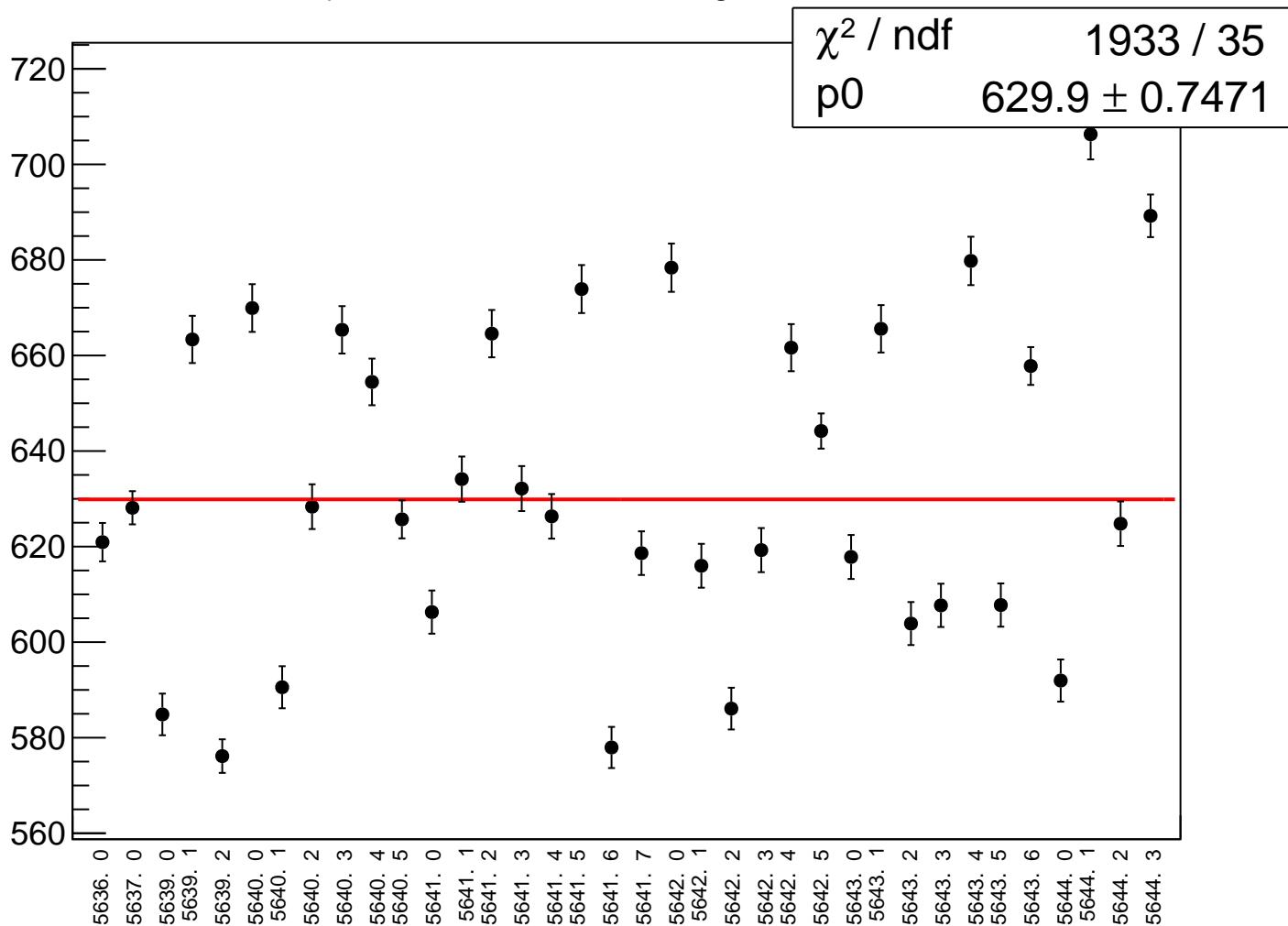
# asym\_sam\_1357\_avg\_correction\_rms vs run



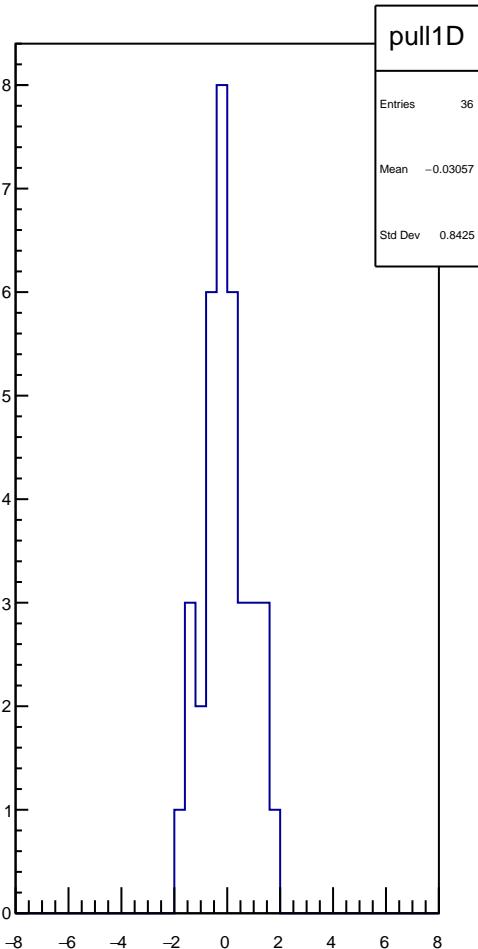
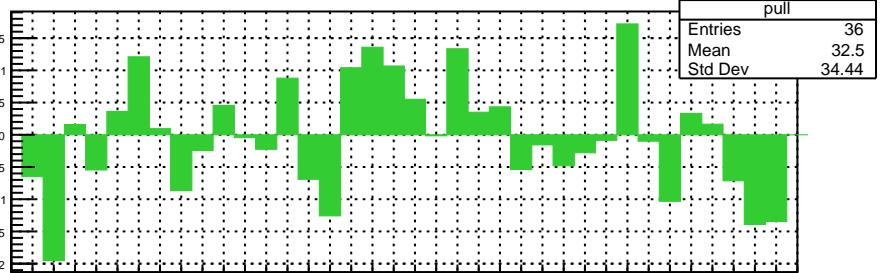
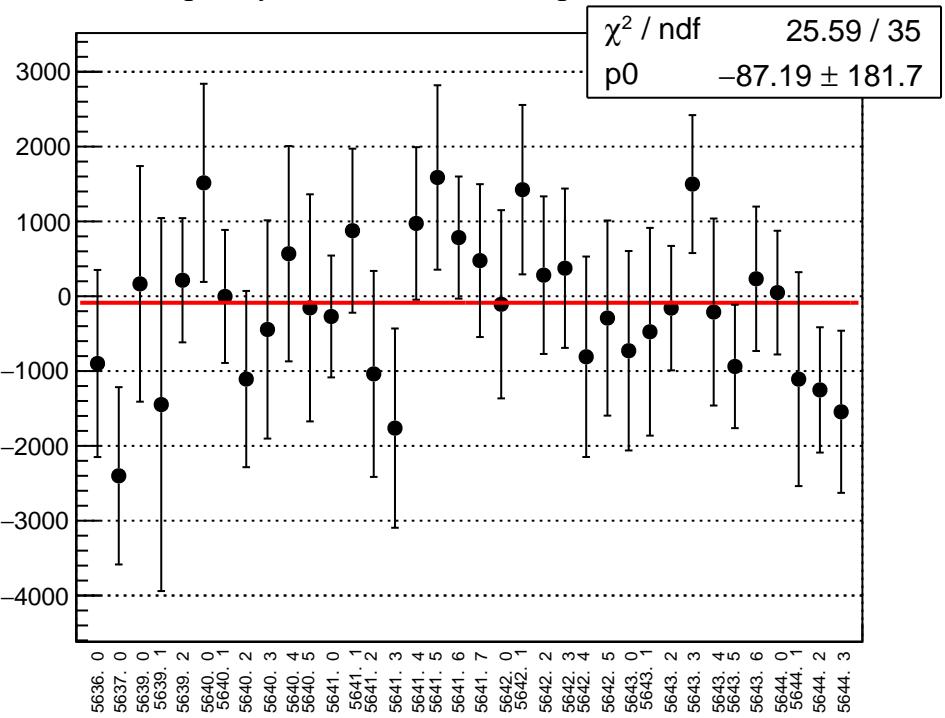
# asym\_sam\_1357\_avg\_mean vs run



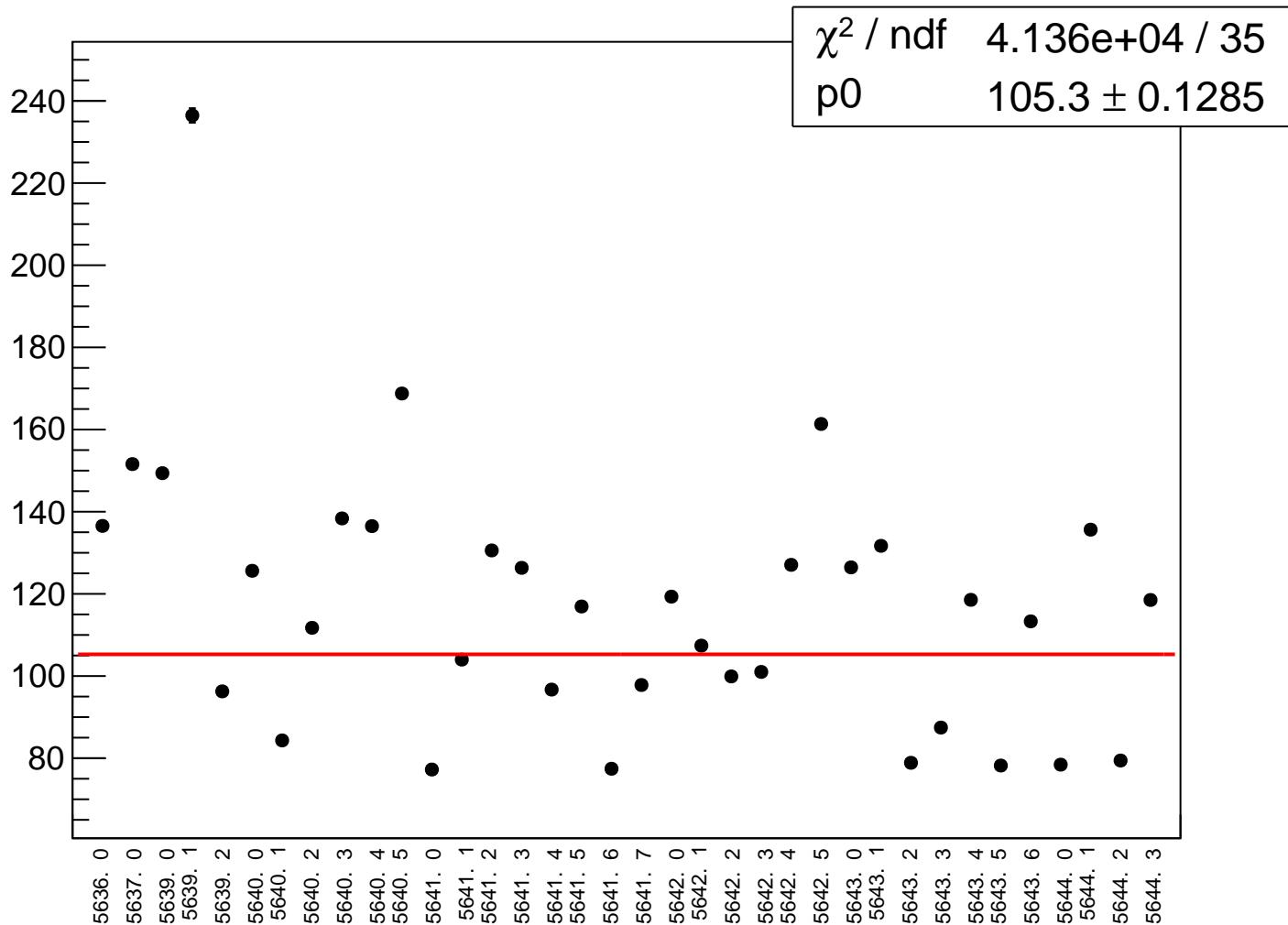
# asym\_sam\_1357\_avg\_rms vs run



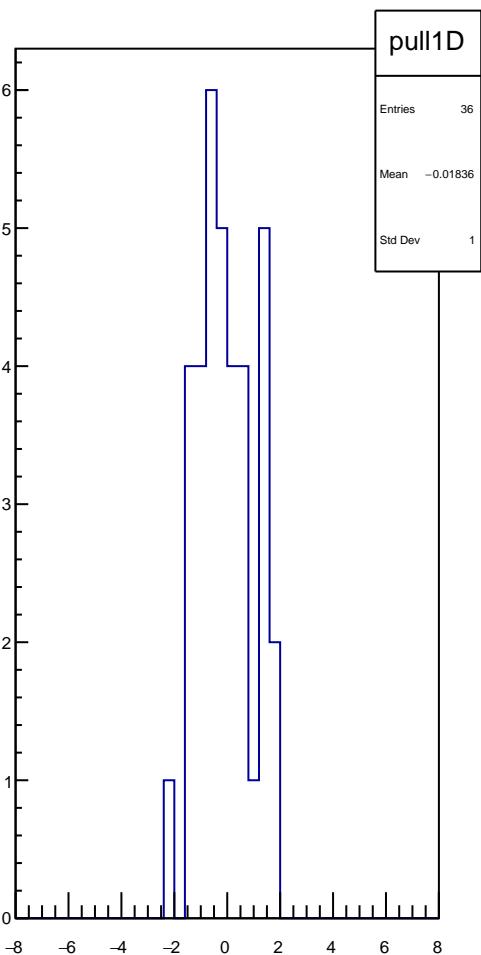
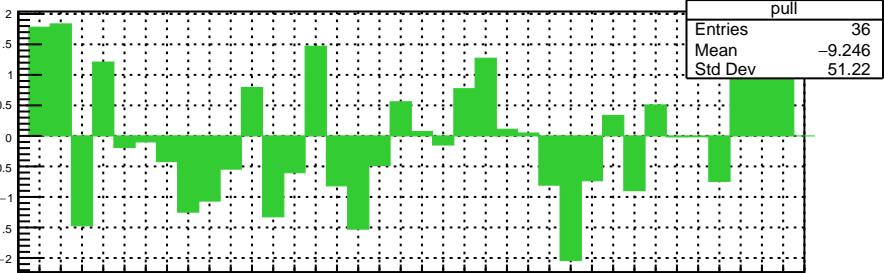
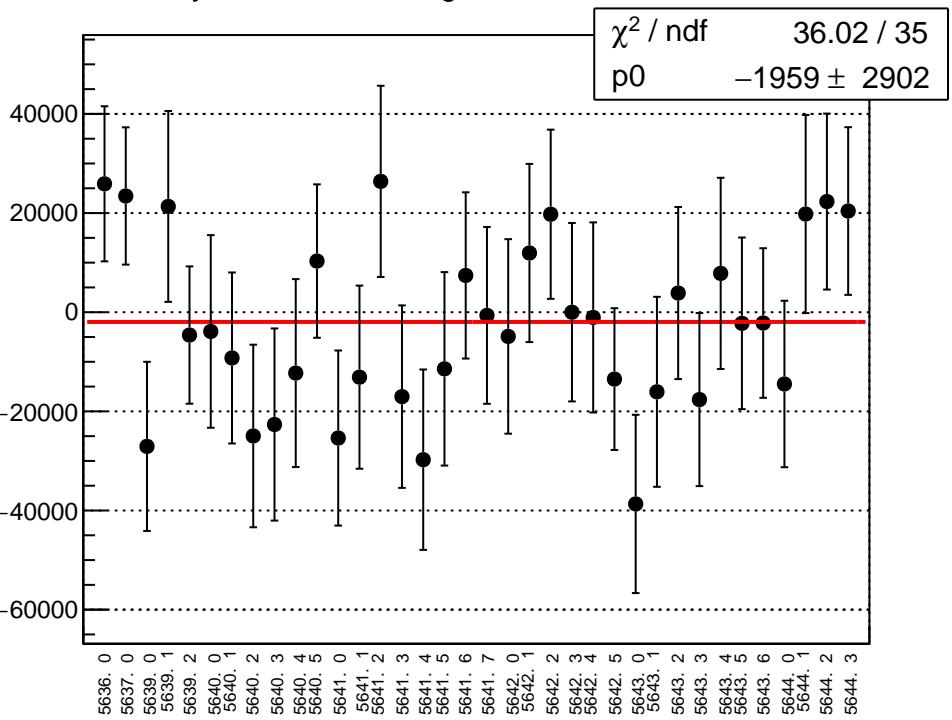
# reg\_asym\_sam\_2468\_avg\_mean vs run



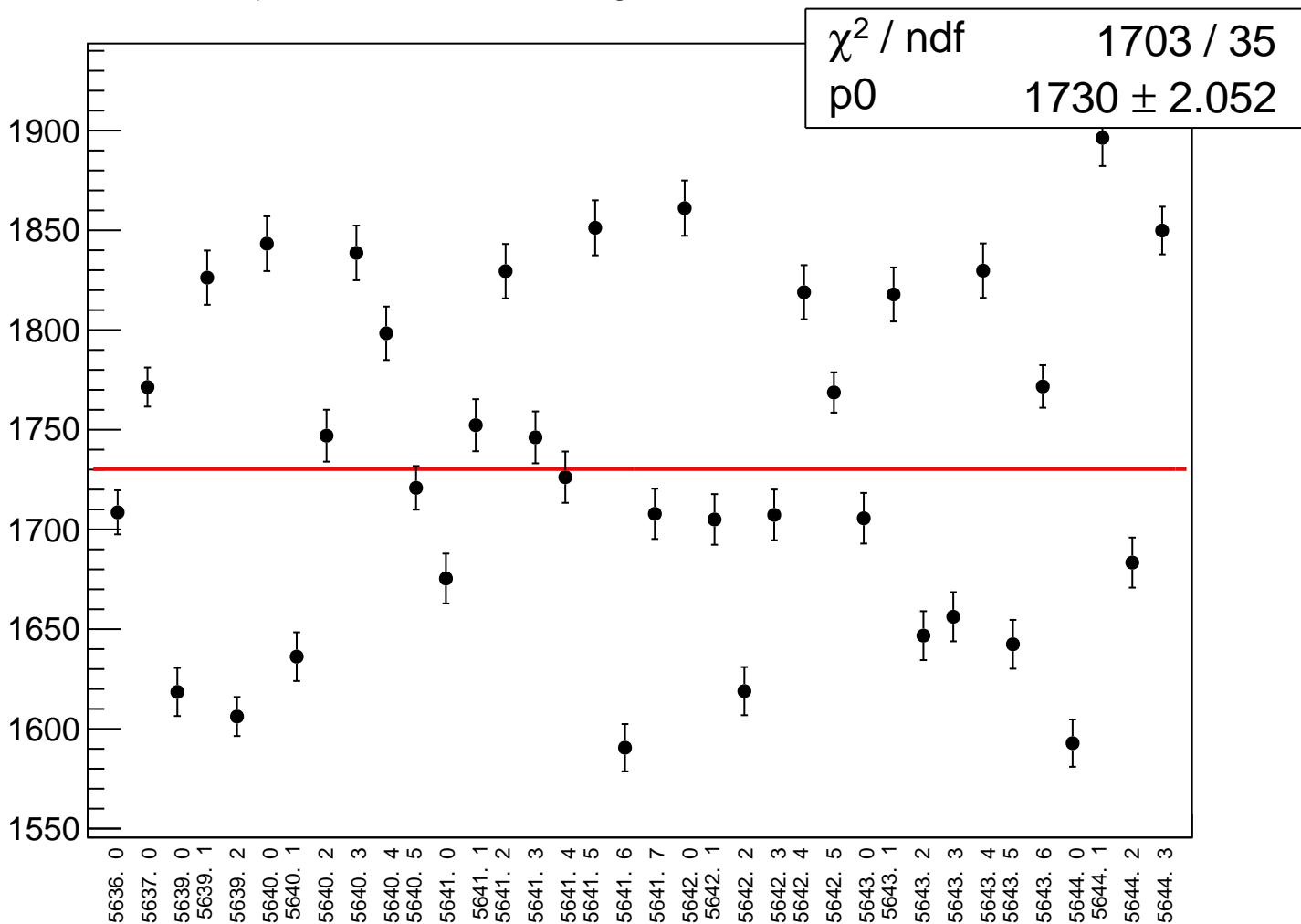
# reg\_asym\_sam\_2468\_avg\_rms vs run



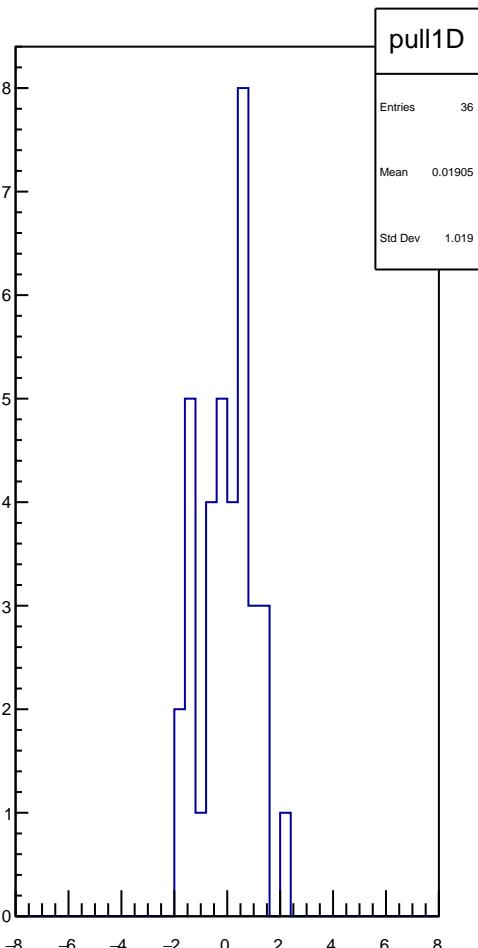
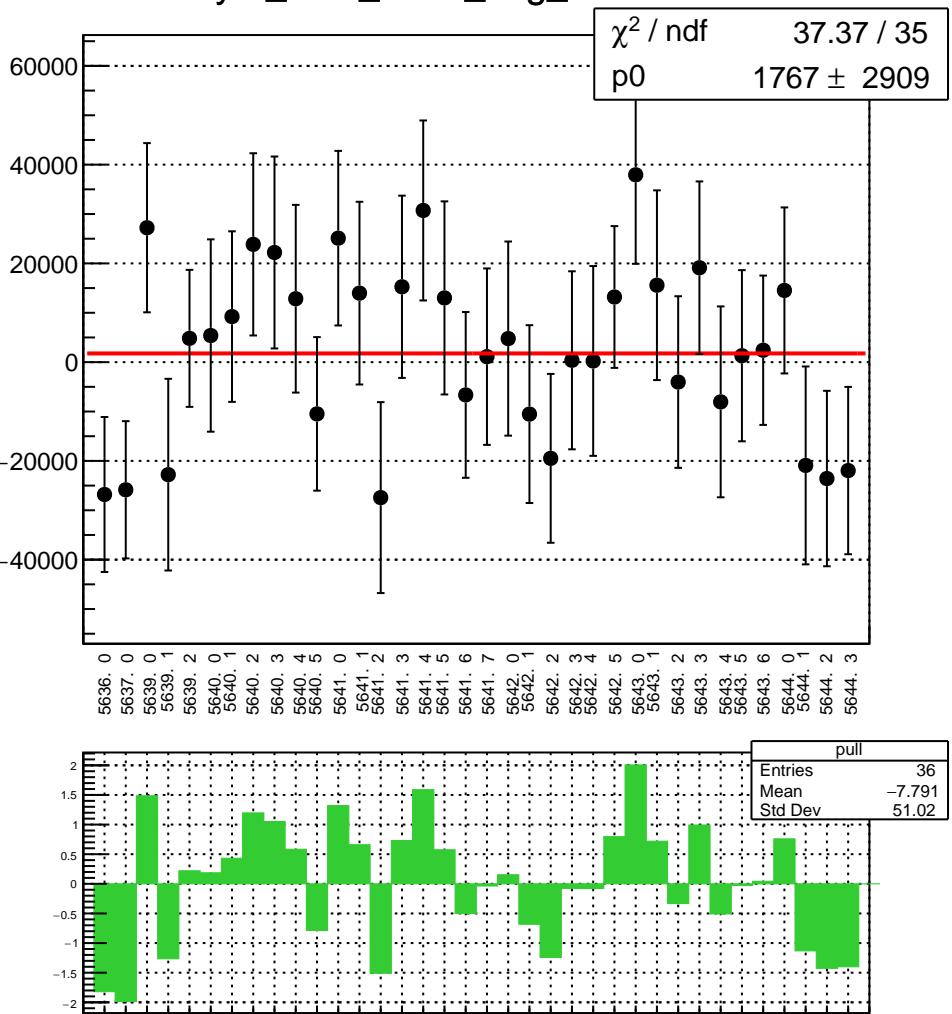
# asym\_sam\_2468\_avg\_correction\_mean vs run



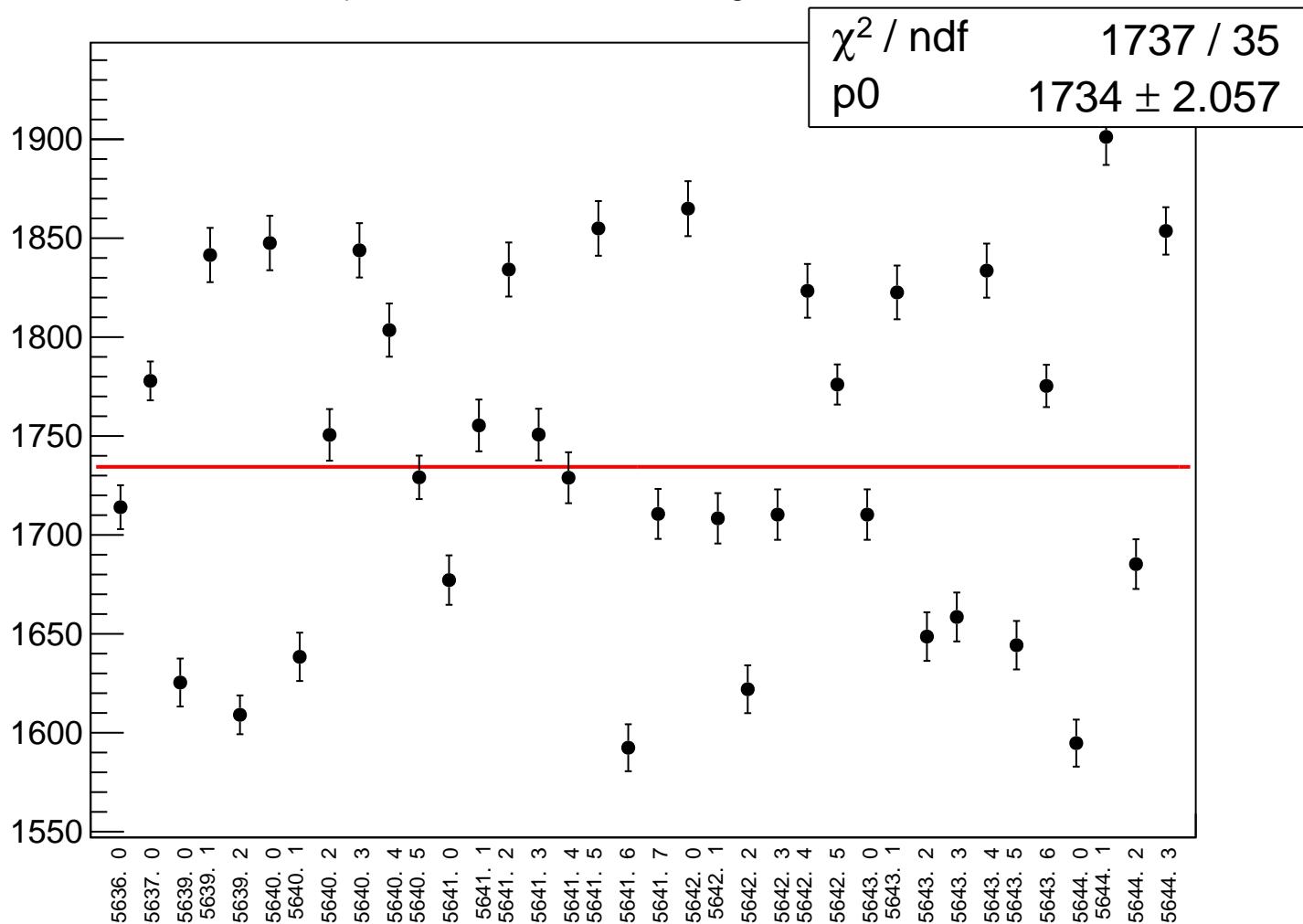
# asym\_sam\_2468\_avg\_correction\_rms vs run



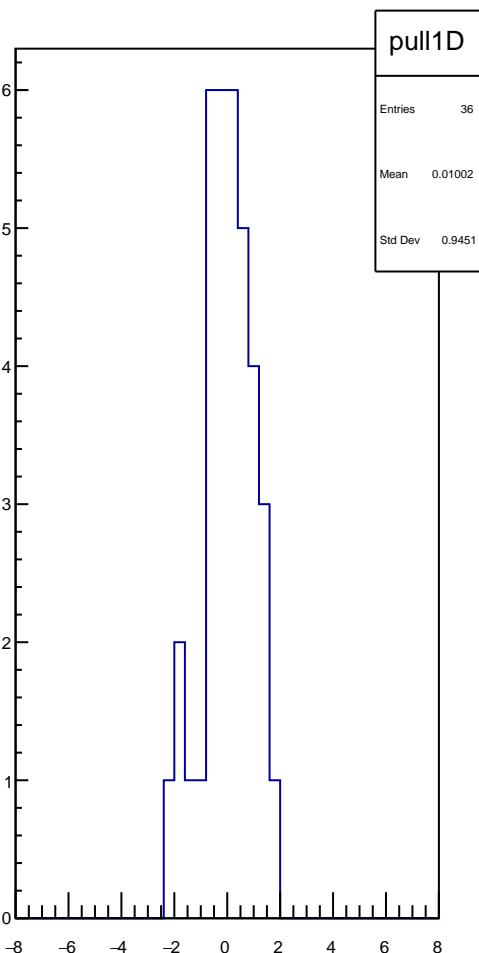
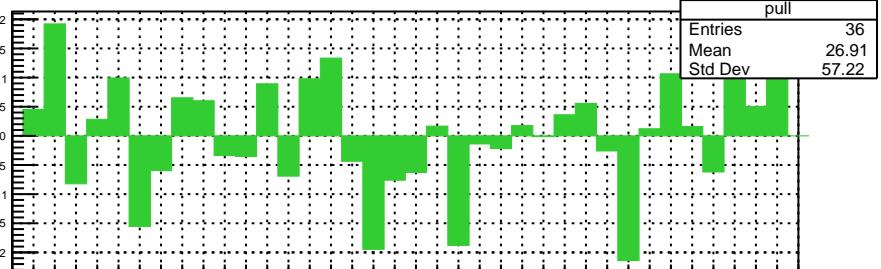
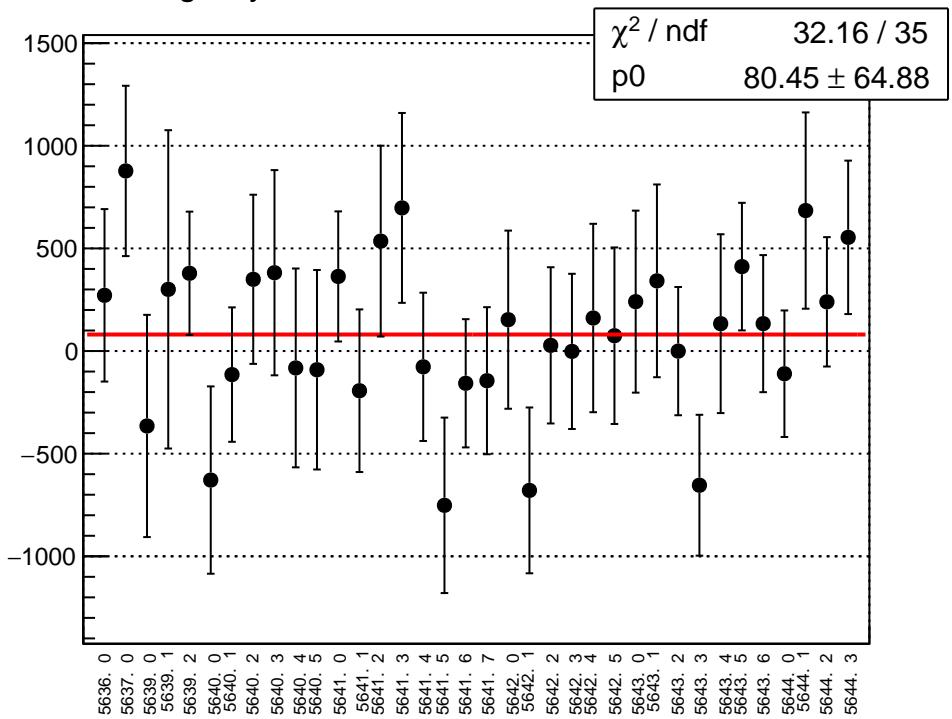
# asym\_sam\_2468\_avg\_mean vs run



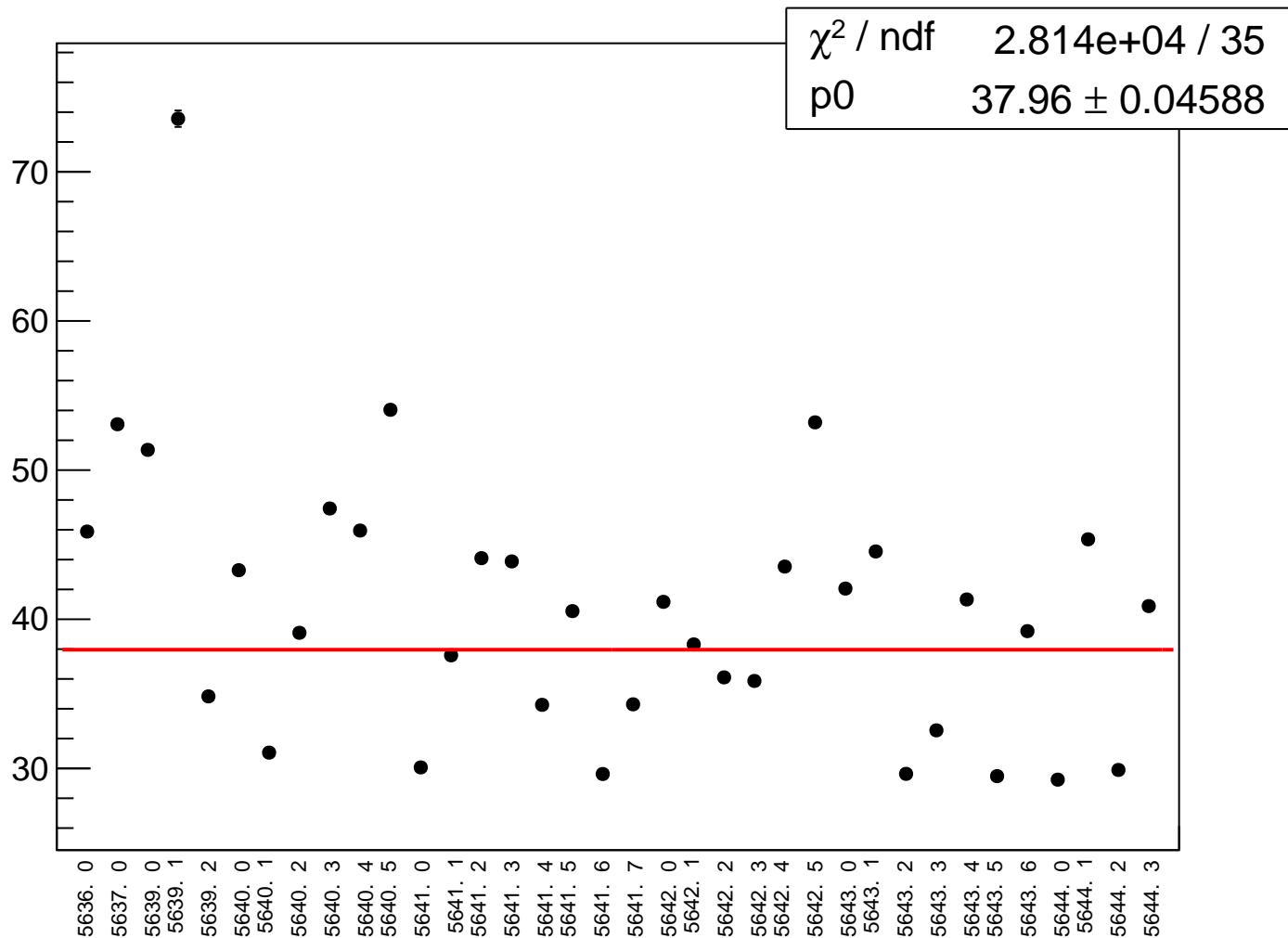
# asym\_sam\_2468\_avg\_rms vs run



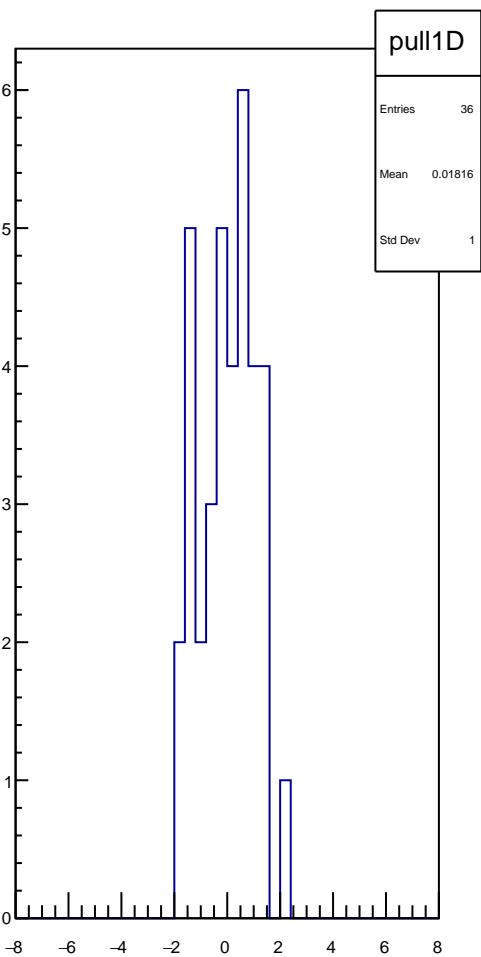
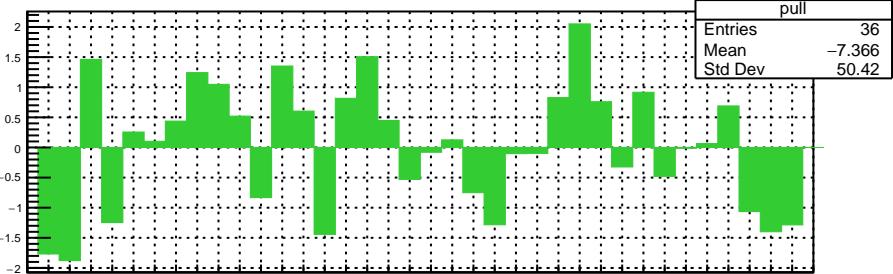
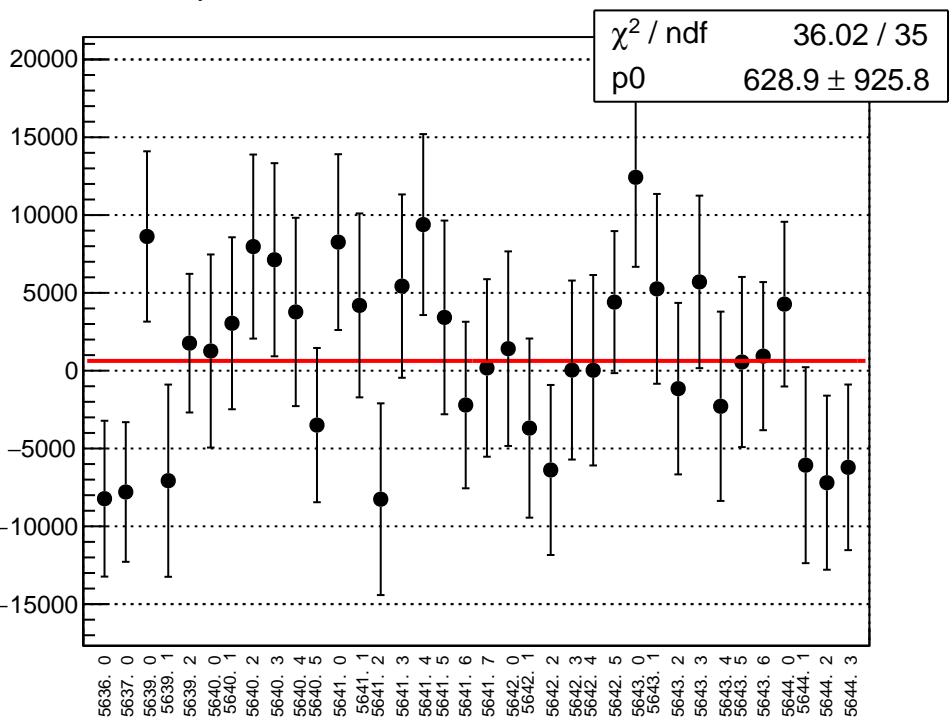
# reg\_asym\_sam\_1357\_2468\_dd\_mean vs run



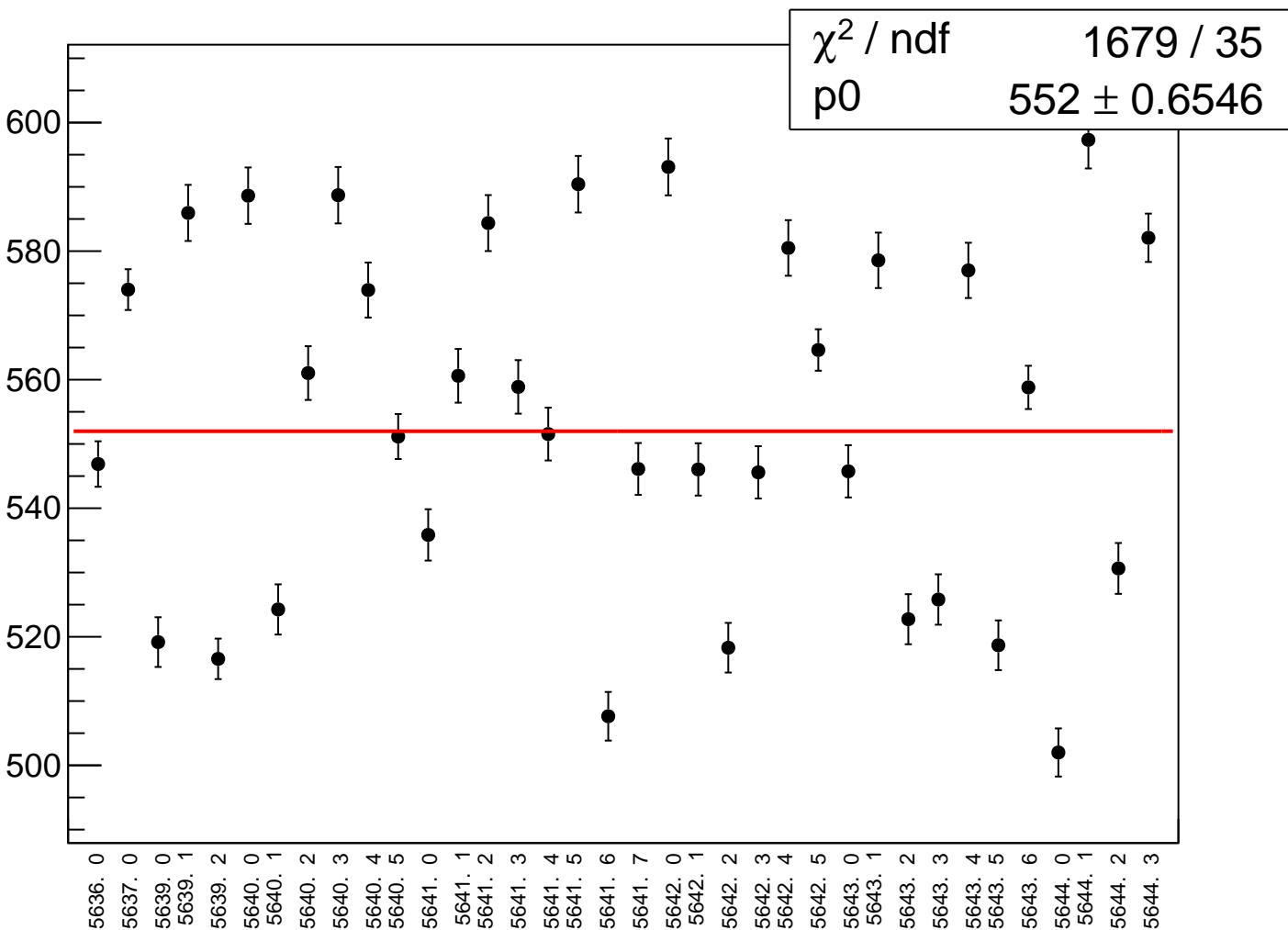
# reg\_asym\_sam\_1357\_2468\_dd\_rms vs run



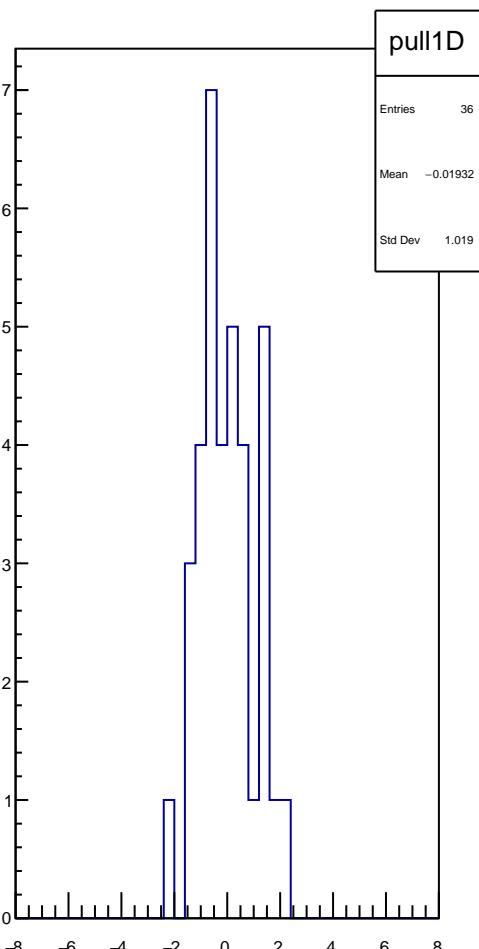
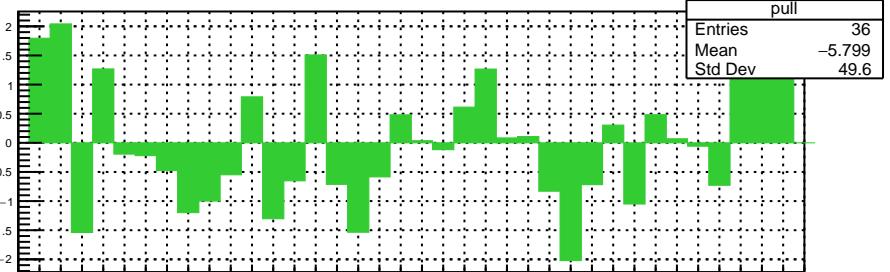
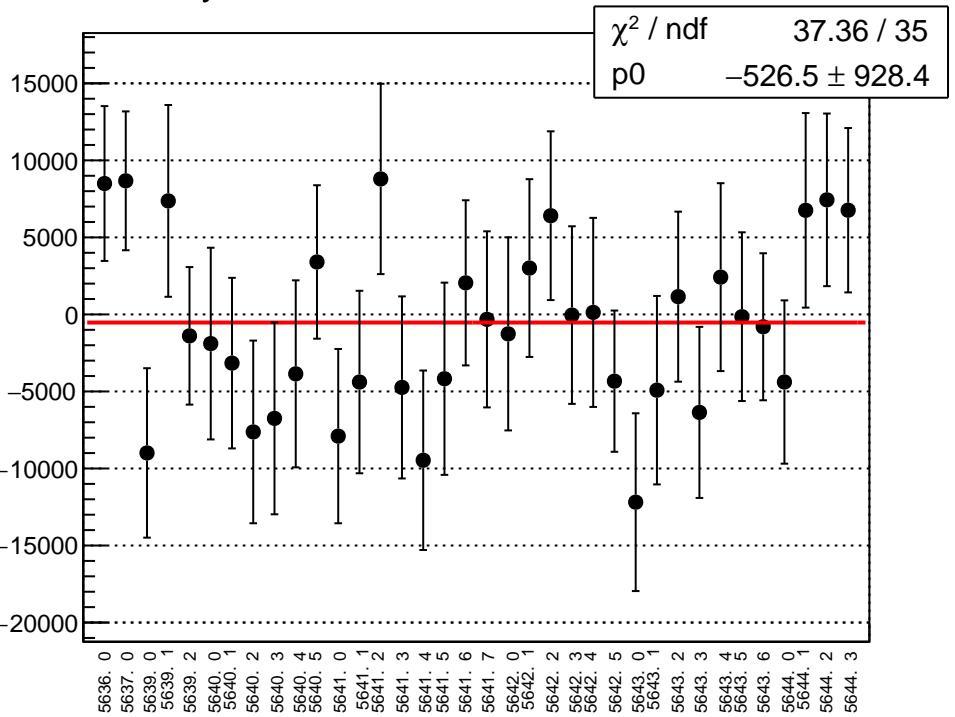
asym\_sam\_1357\_2468\_dd\_correction\_mean vs run



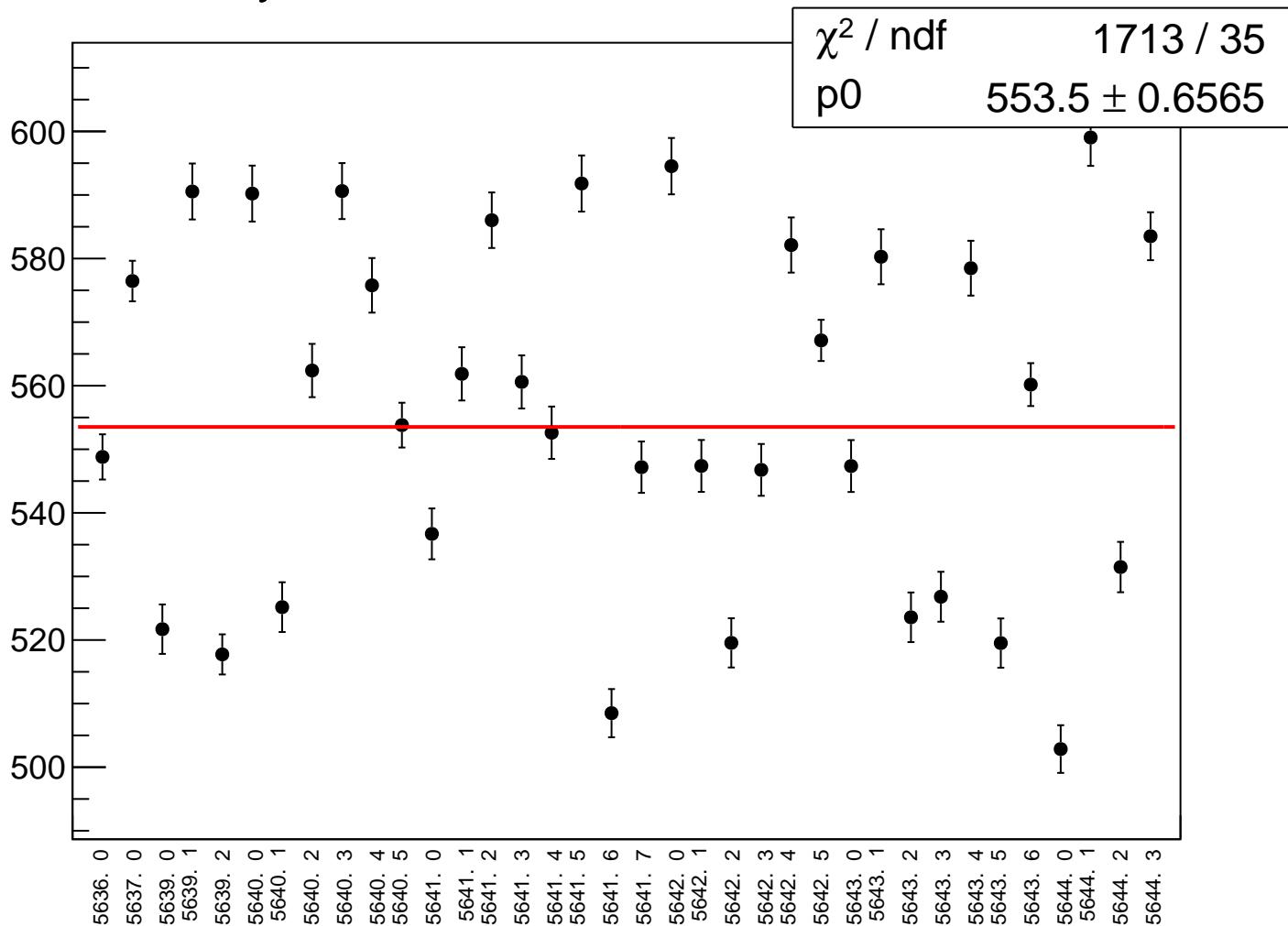
# asym\_sam\_1357\_2468\_dd\_correction\_rms vs run



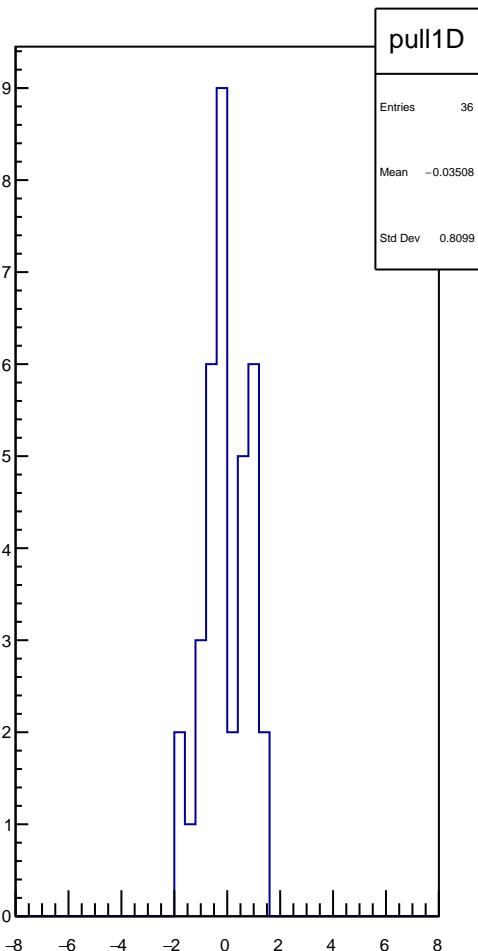
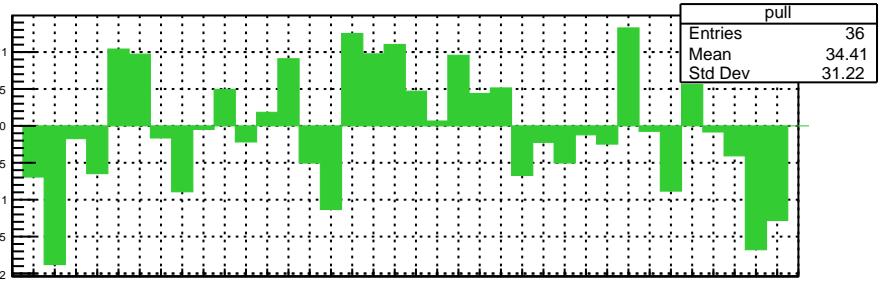
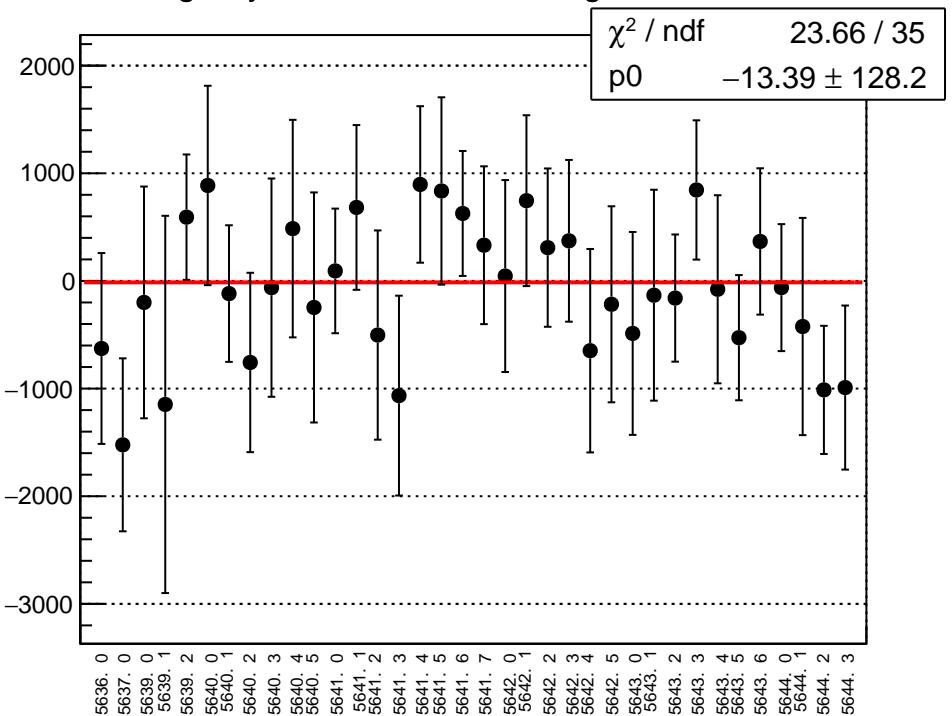
# asym\_sam\_1357\_2468\_dd\_mean vs run



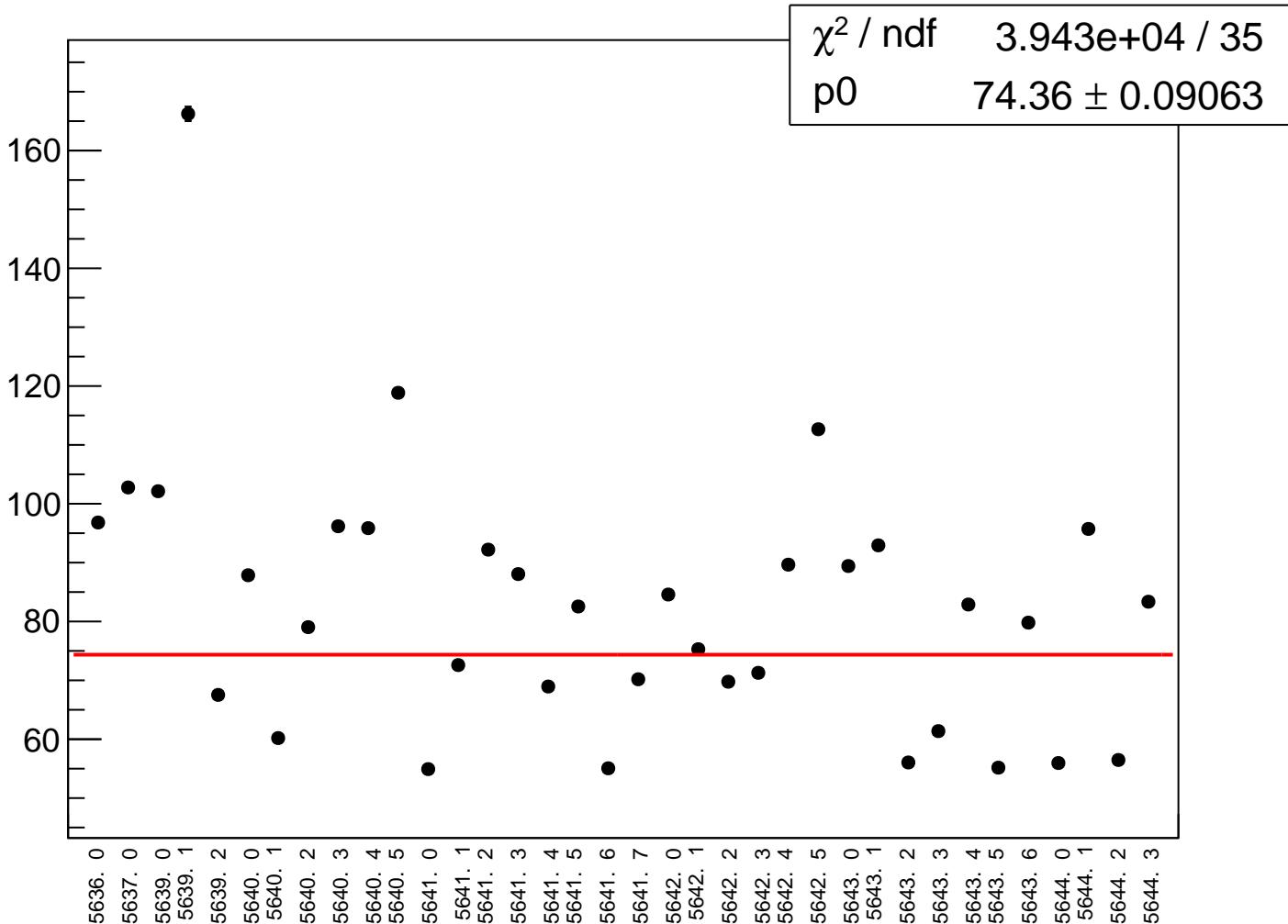
# asym\_sam\_1357\_2468\_dd\_rms vs run



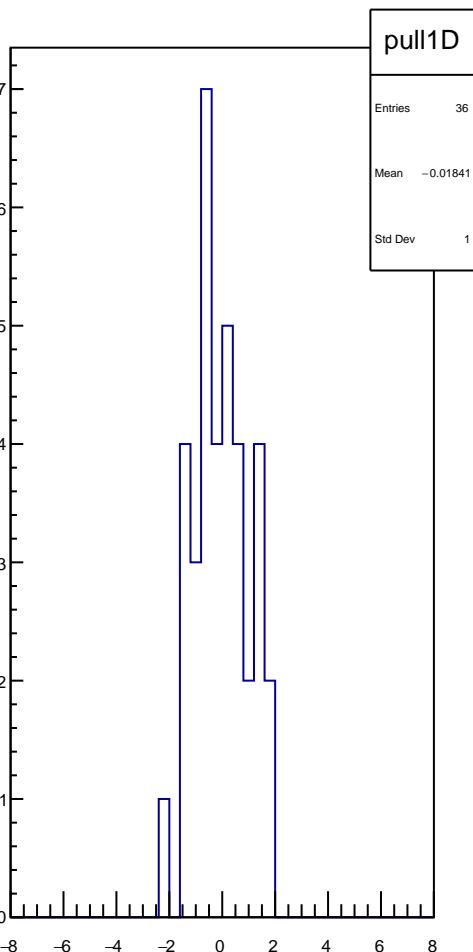
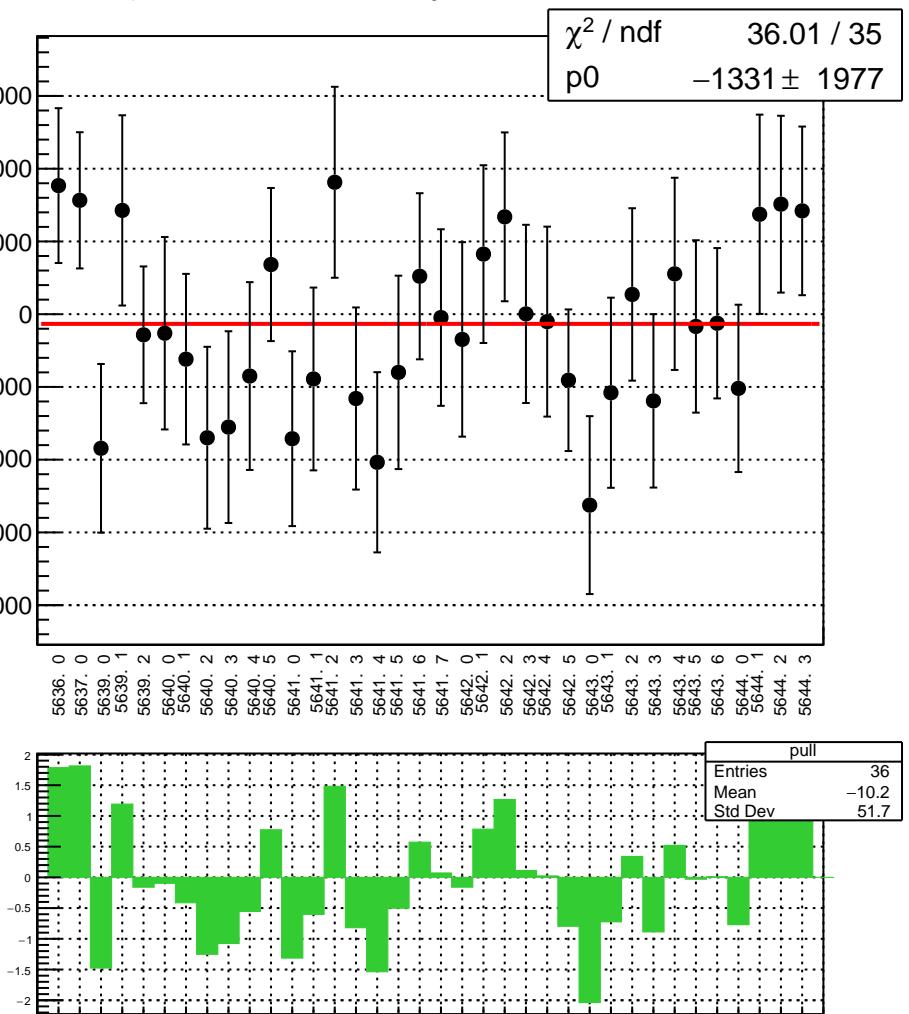
# reg\_asym\_sam\_12345678\_avg\_mean vs run



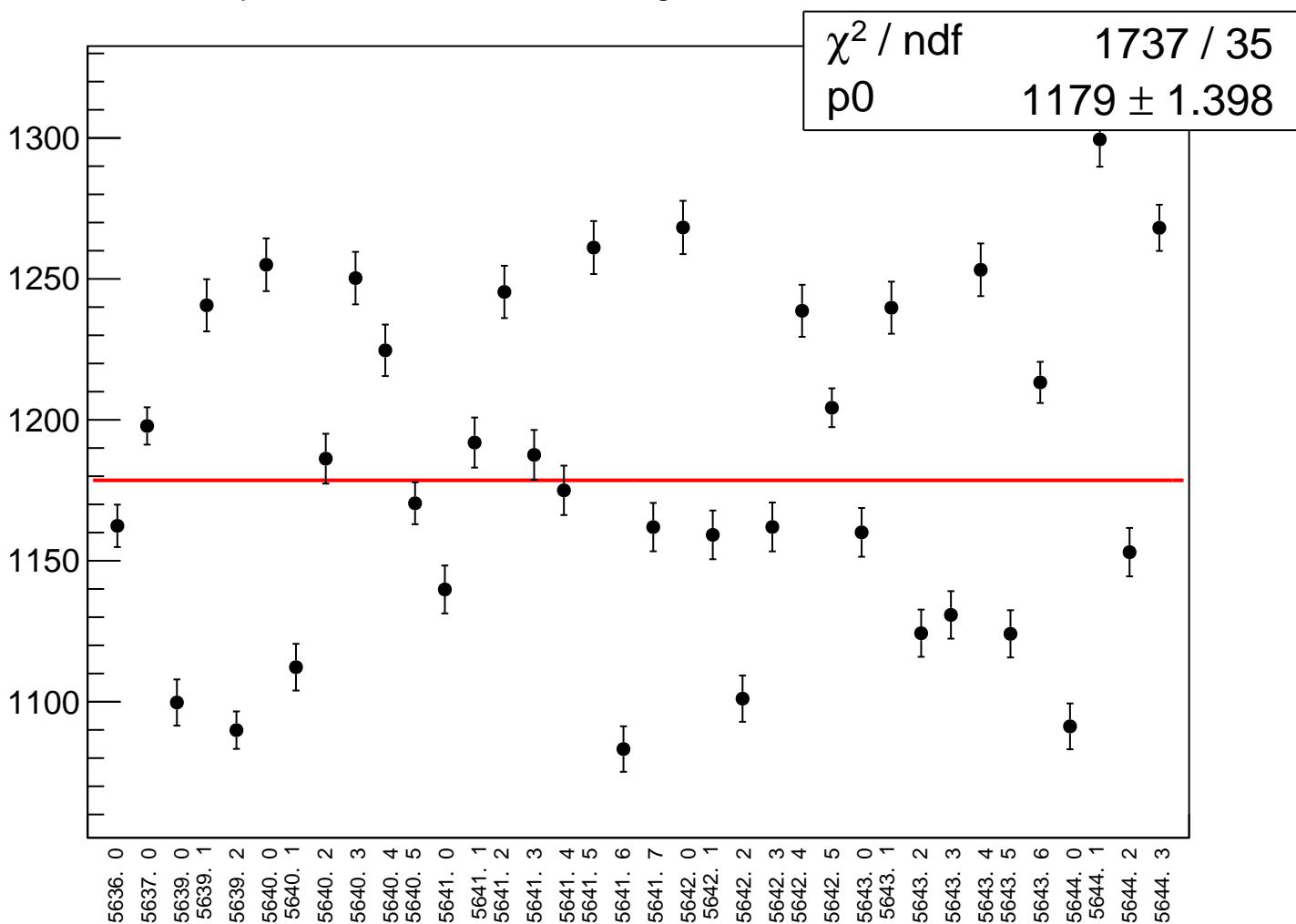
# reg\_asym\_sam\_12345678\_avg\_rms vs run



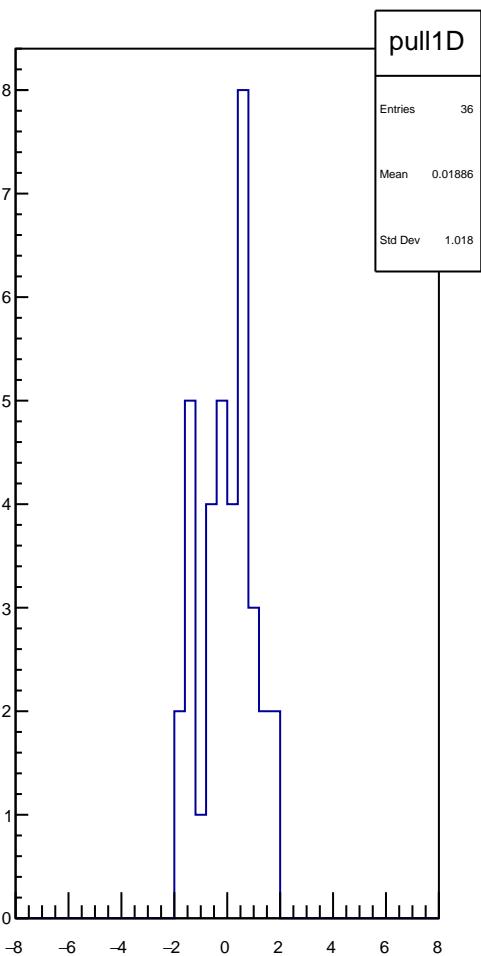
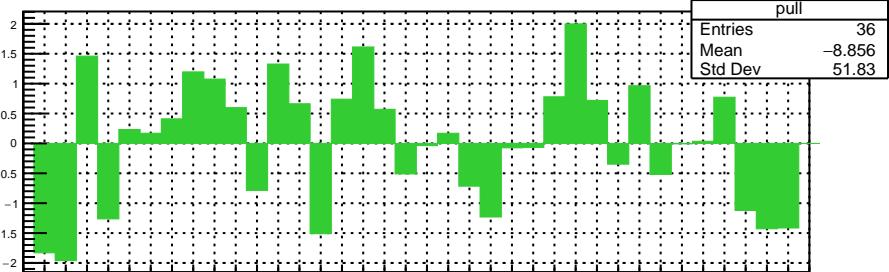
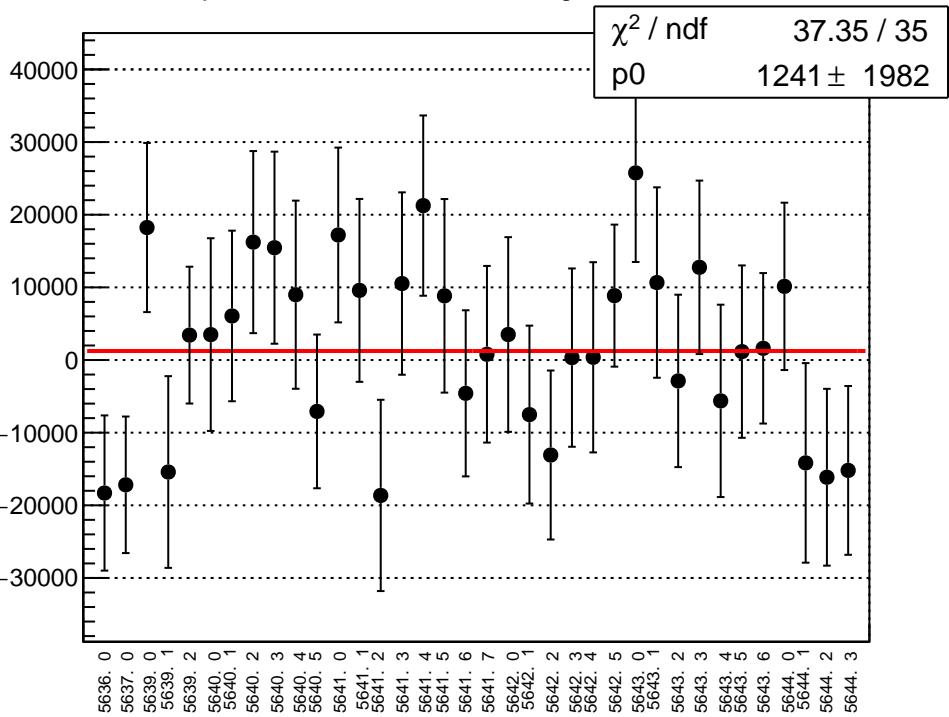
# asym\_sam\_12345678\_avg\_correction\_mean vs run



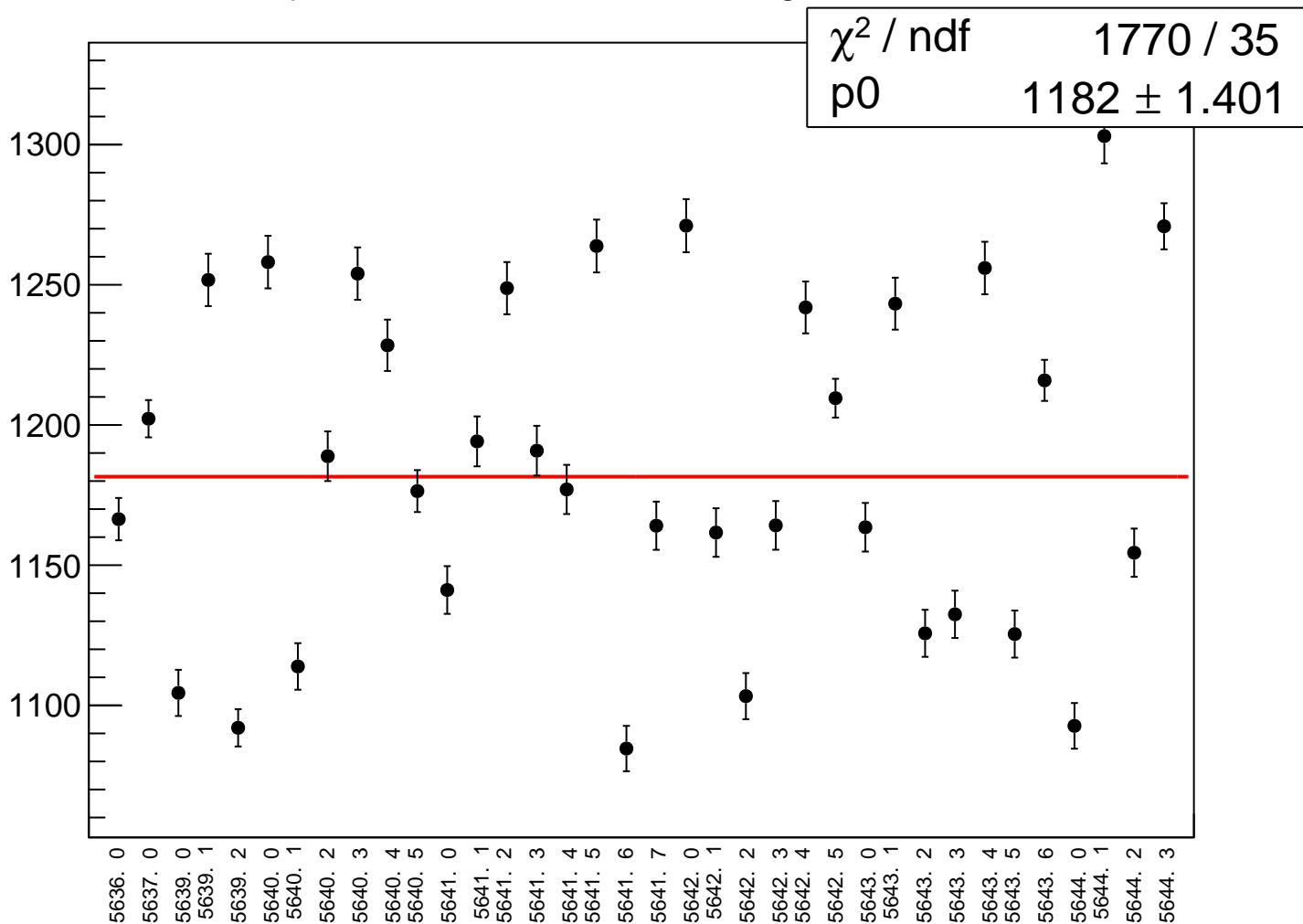
# asym\_sam\_12345678\_avg\_correction\_rms vs run



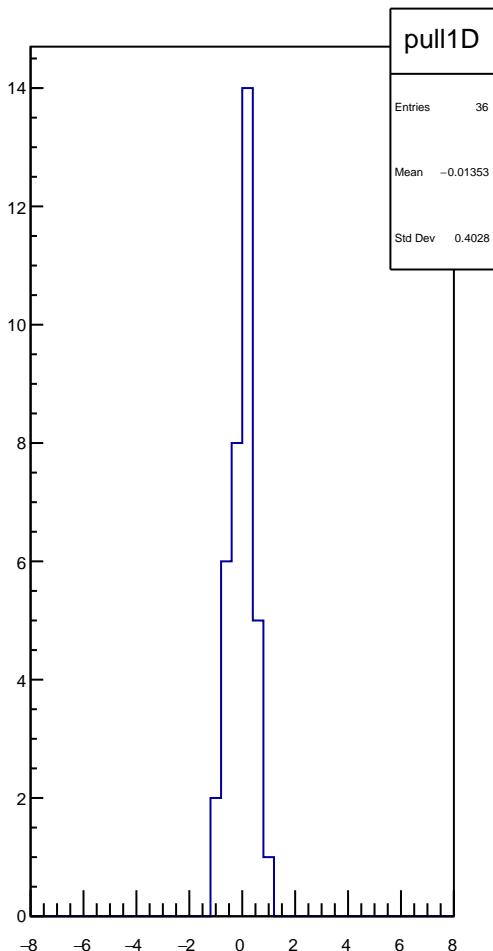
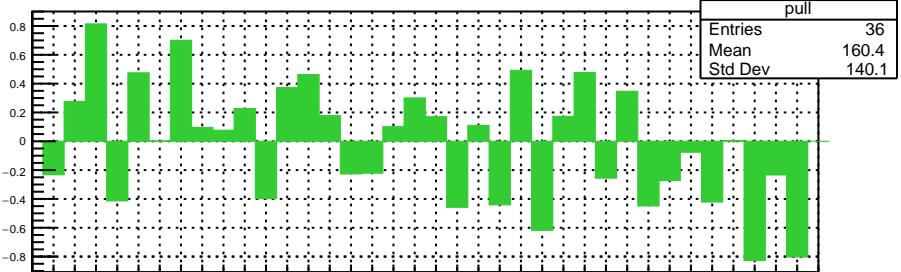
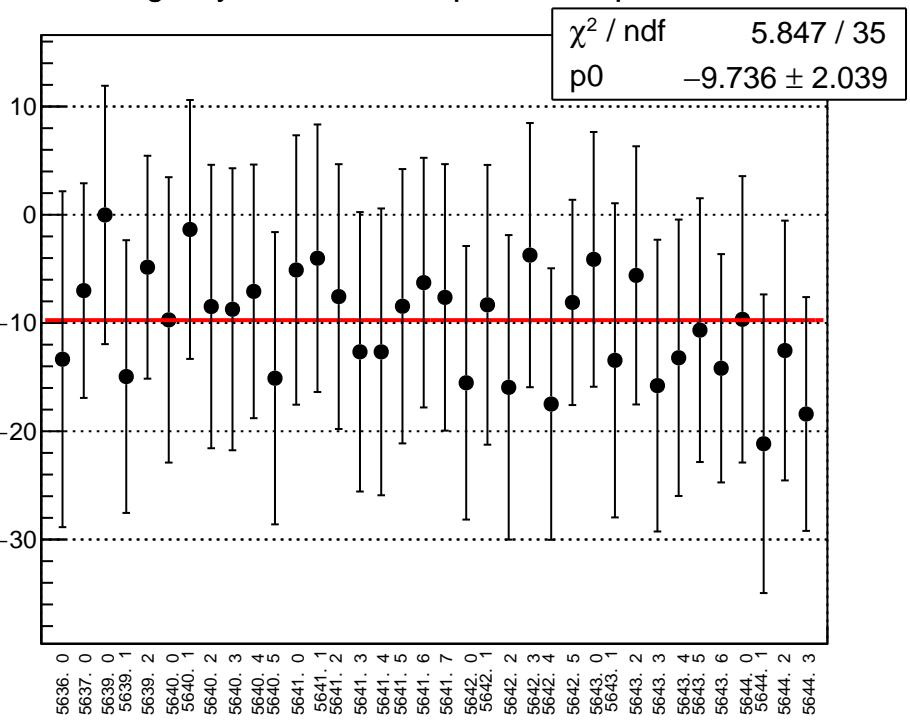
# asym\_sam\_12345678\_avg\_mean vs run



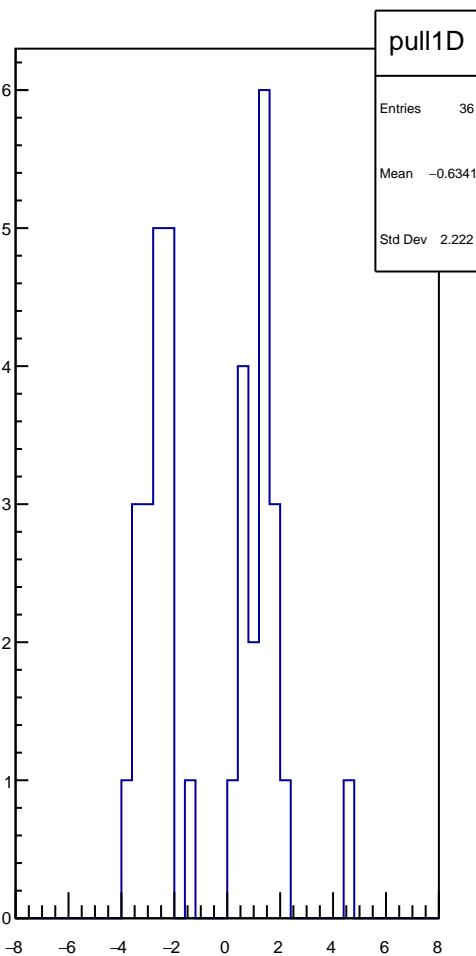
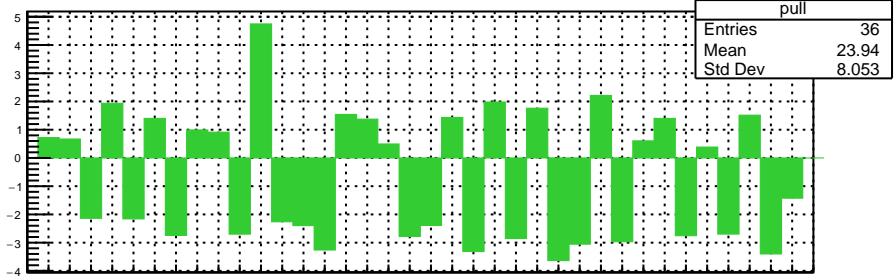
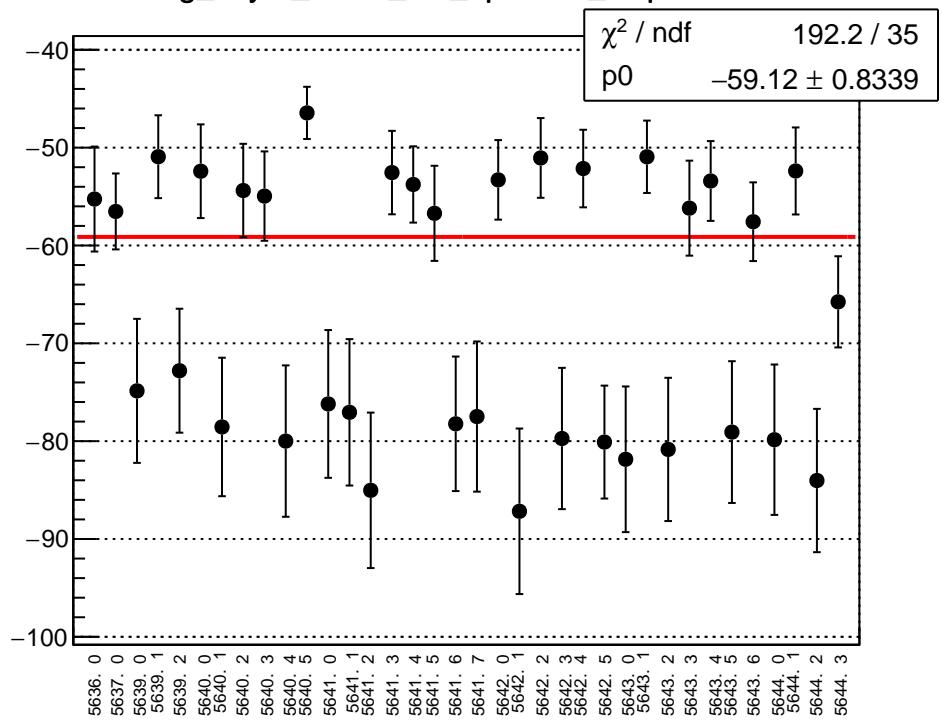
# asym\_sam\_12345678\_avg\_rms vs run



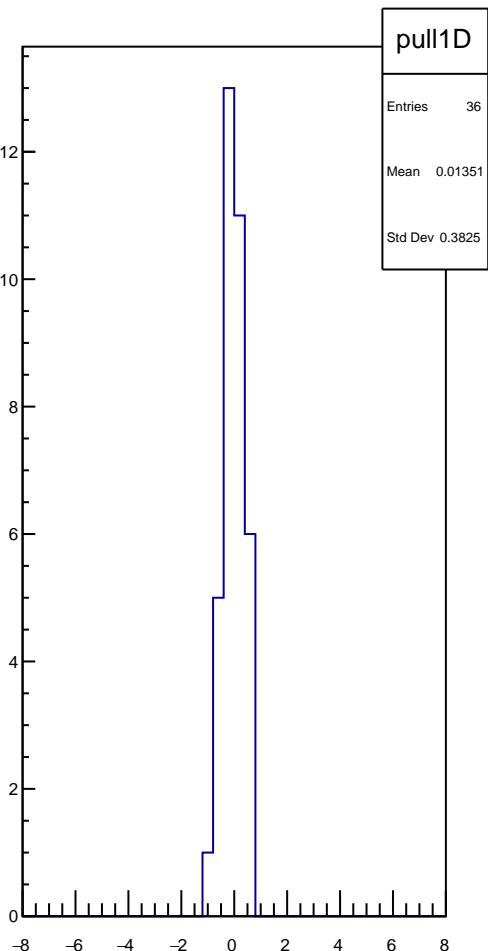
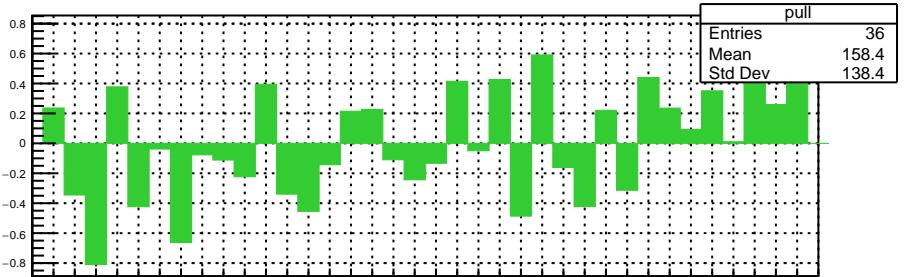
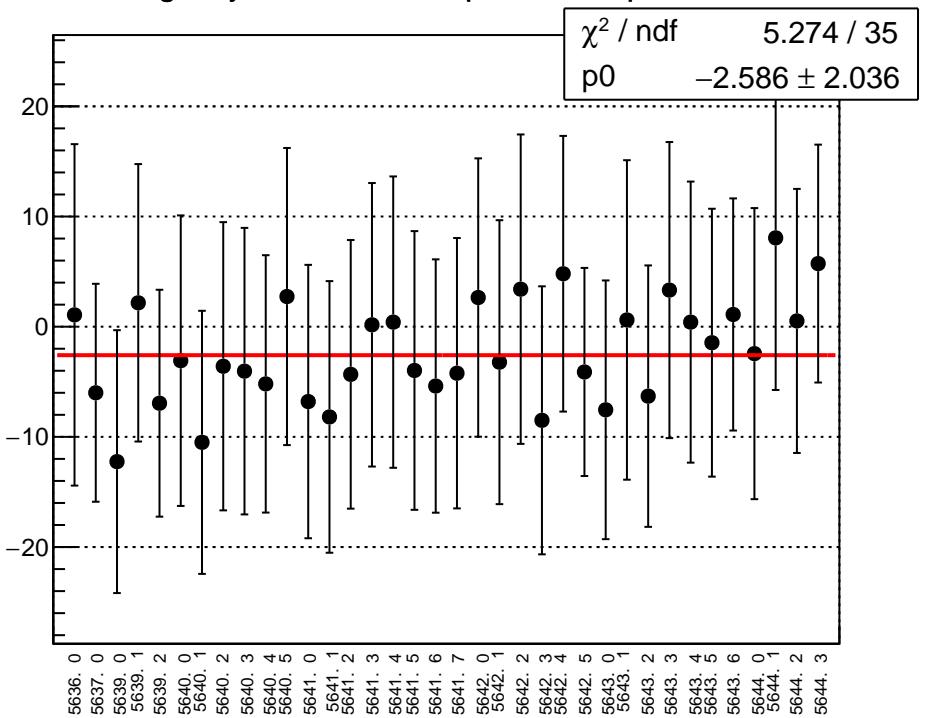
# reg\_asym\_sam1\_diff\_bpm4aX\_slope vs run



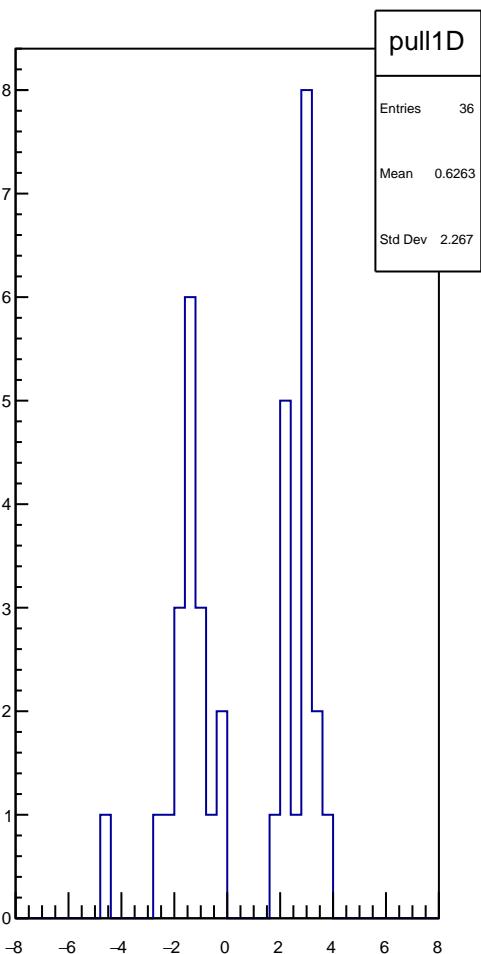
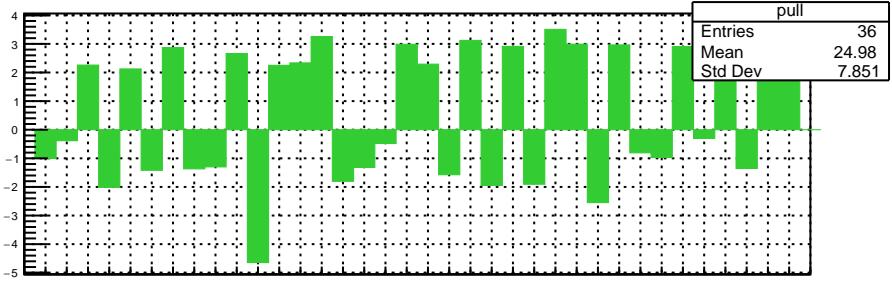
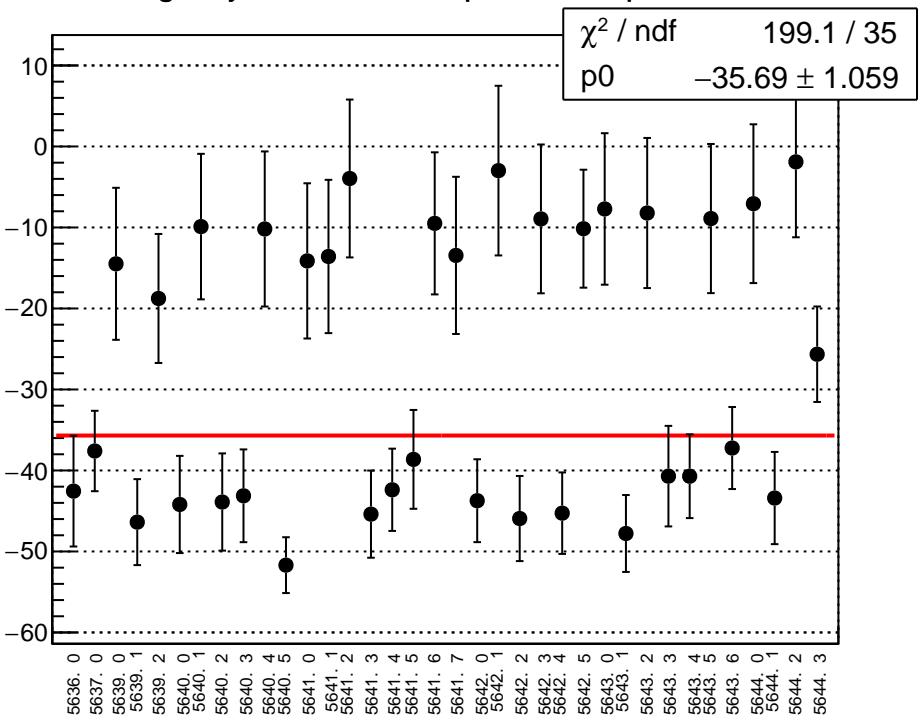
# reg\_asym\_sam1\_diff\_bpm4aY\_slope vs run



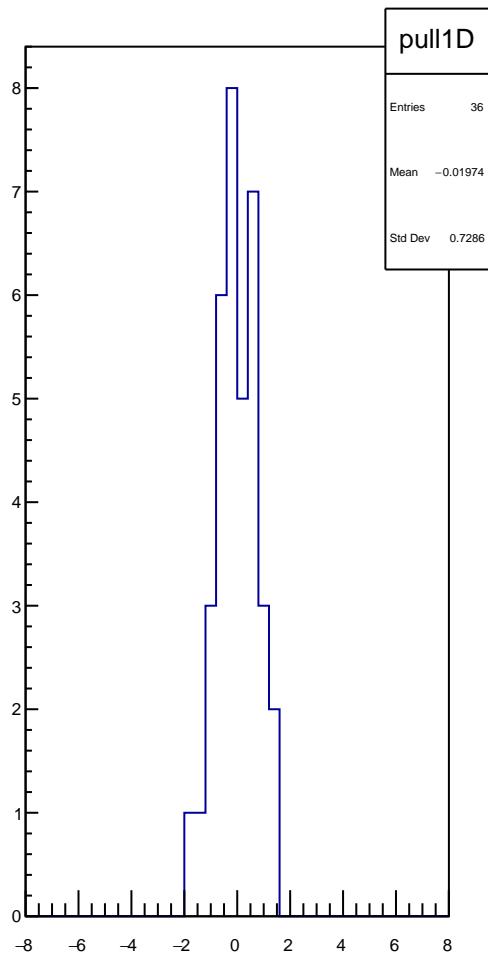
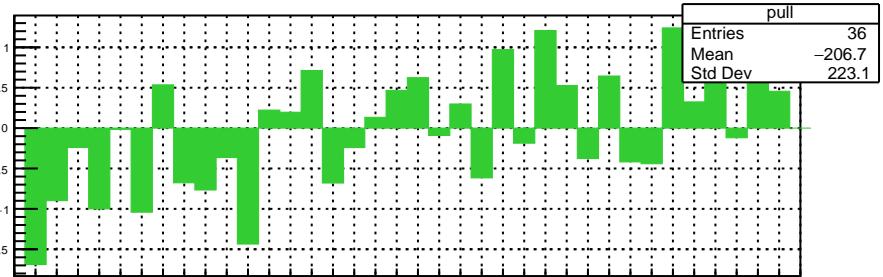
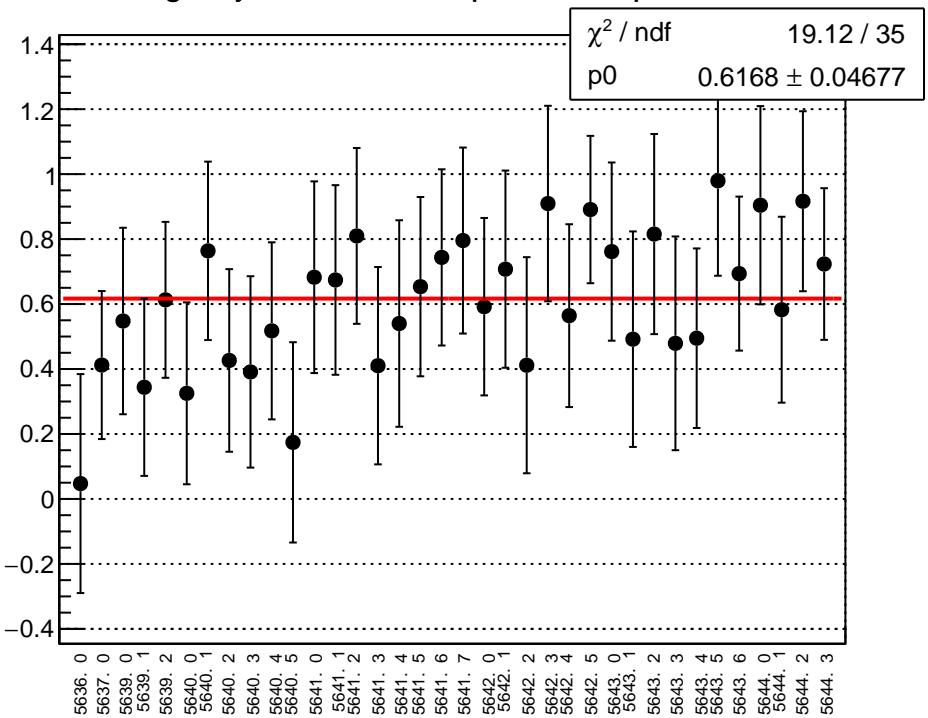
# reg\_asym\_sam1\_diff\_bpm4eX\_slope vs run



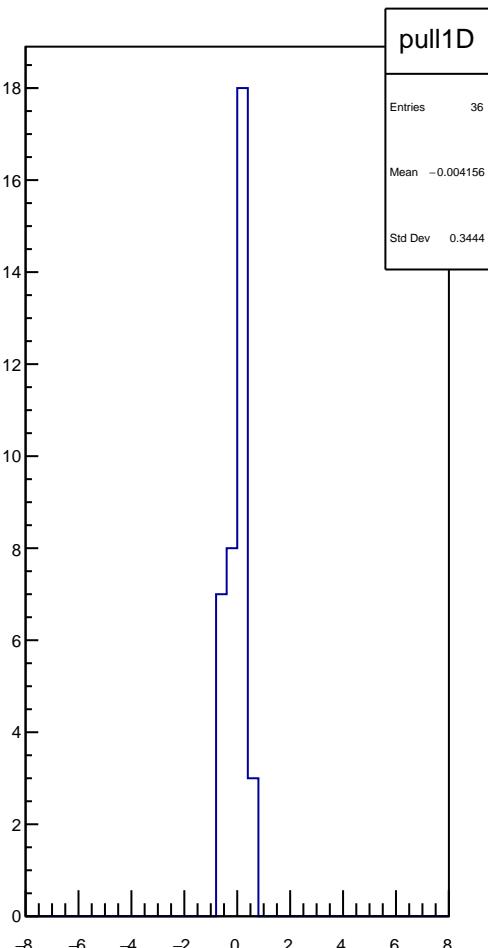
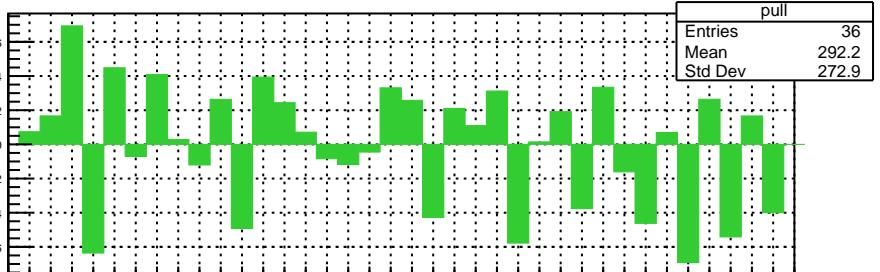
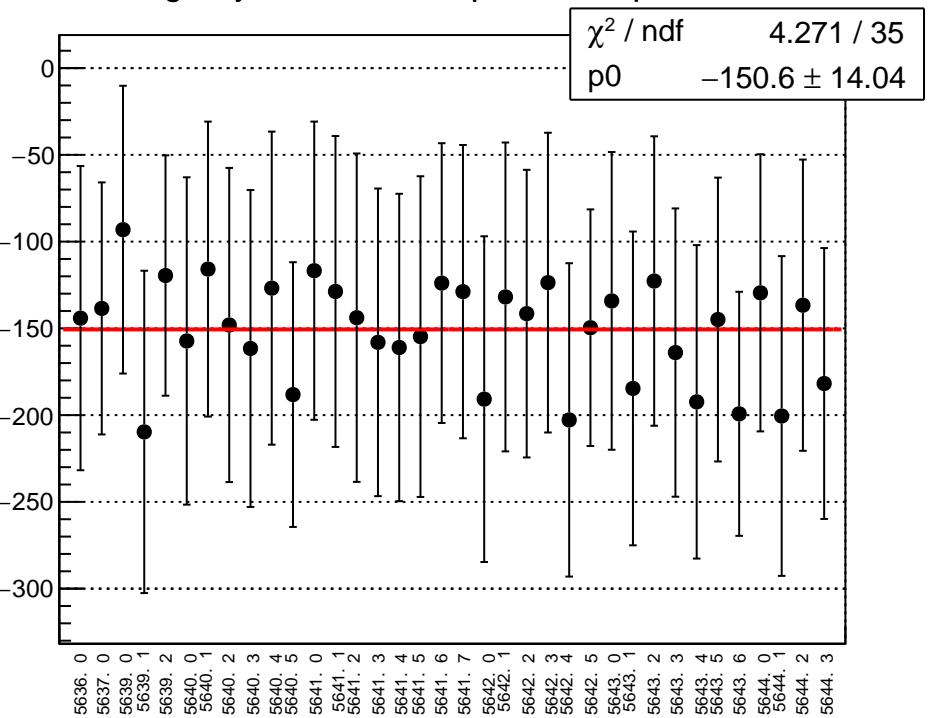
# reg\_asym\_sam1\_diff\_bpm4eY\_slope vs run



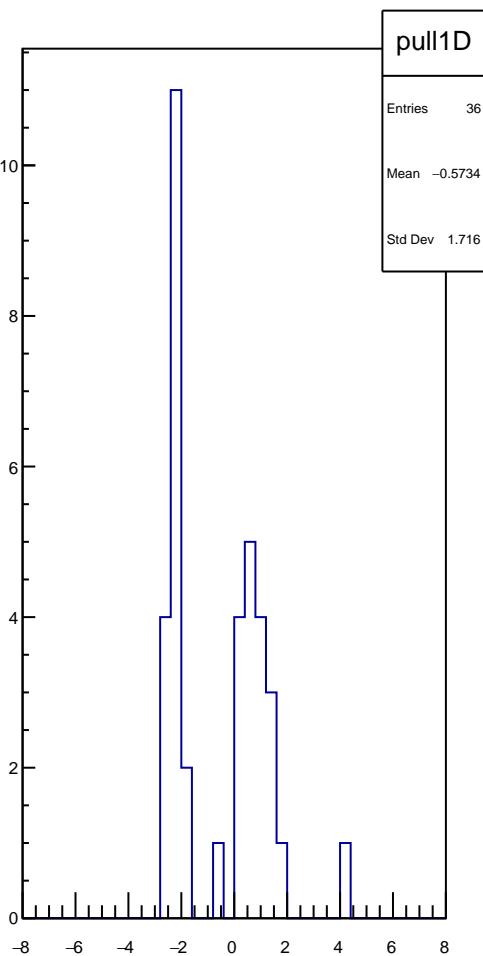
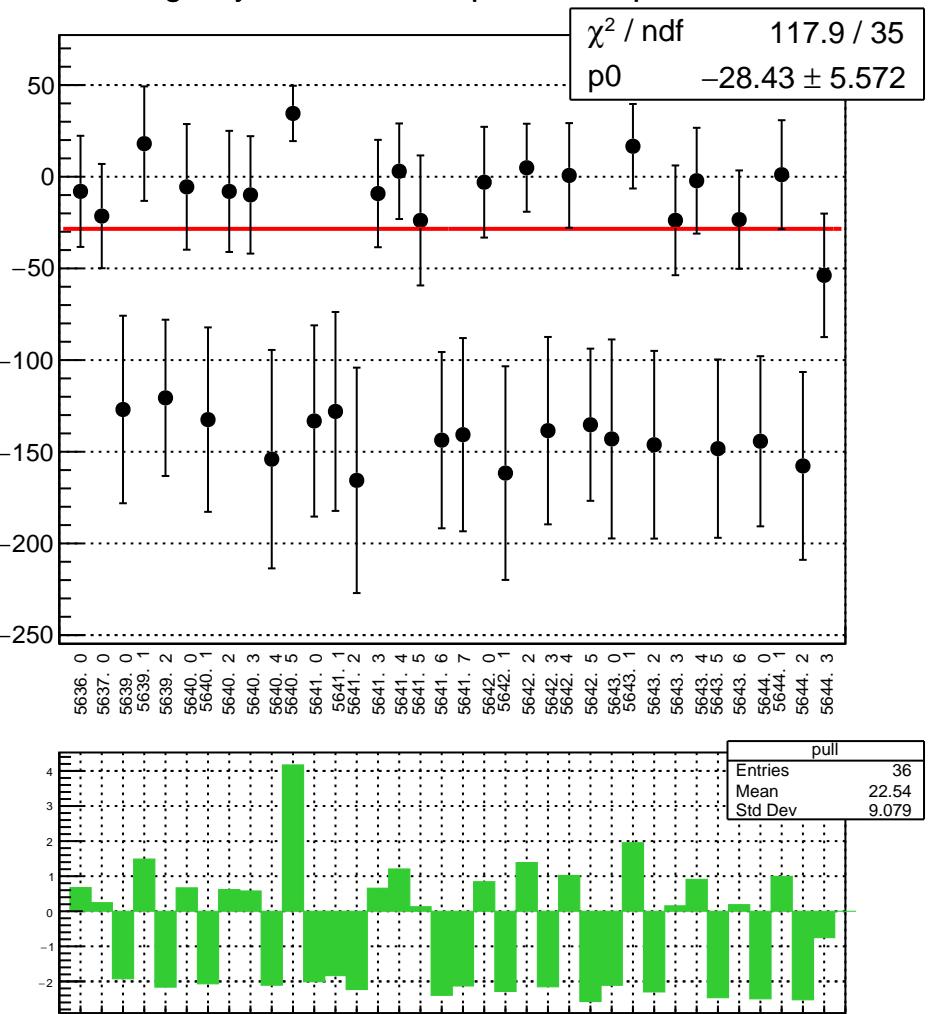
# reg\_asym\_sam1\_diff\_bpm12X\_slope vs run



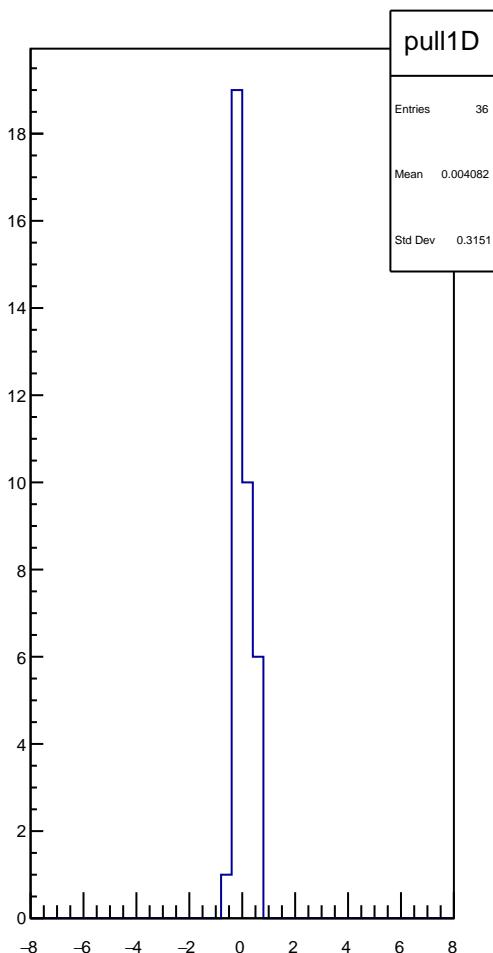
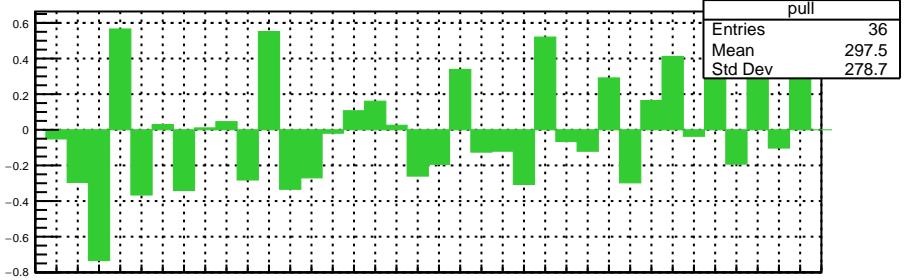
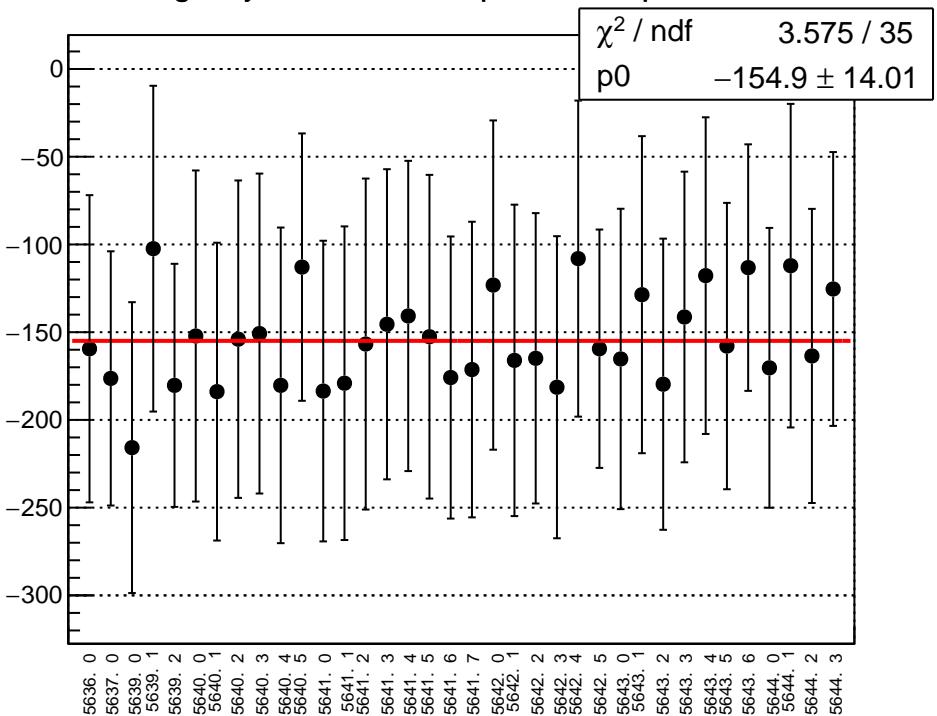
# reg\_asym\_sam2\_diff\_bpm4aX\_slope vs run



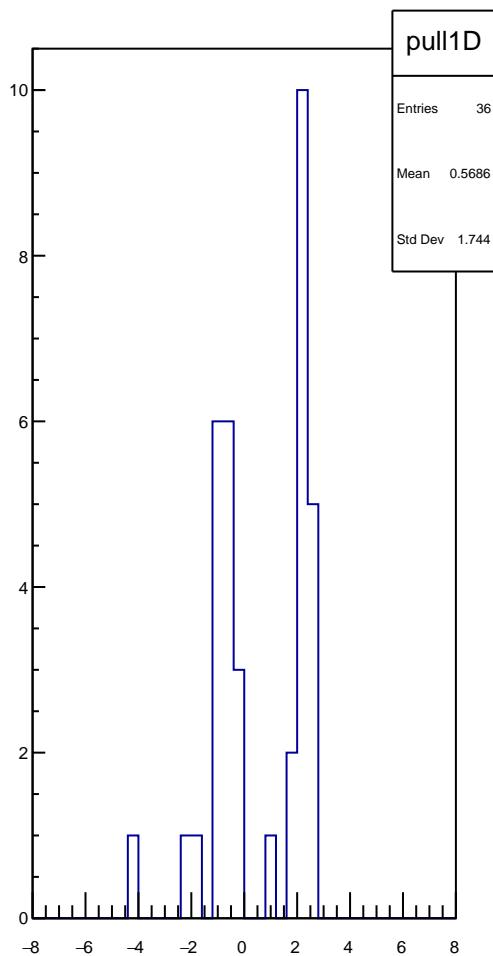
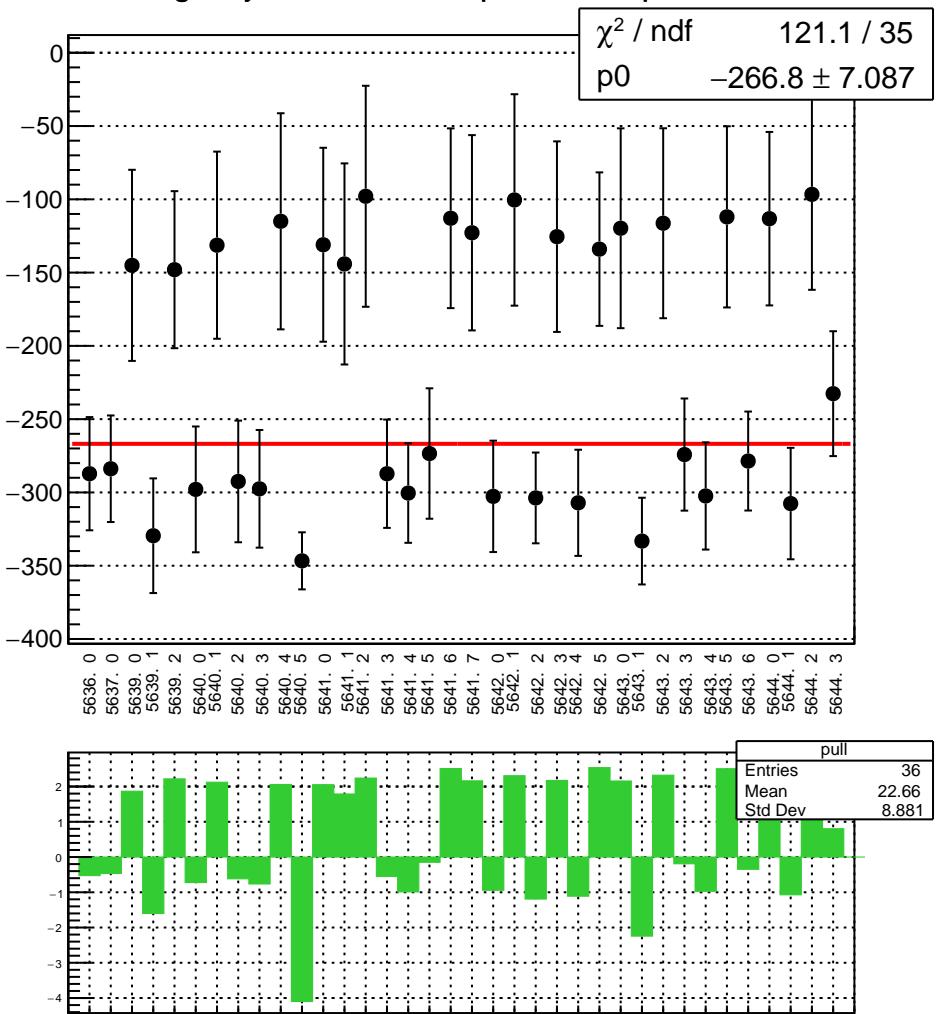
# reg\_asym\_sam2\_diff\_bpm4aY\_slope vs run



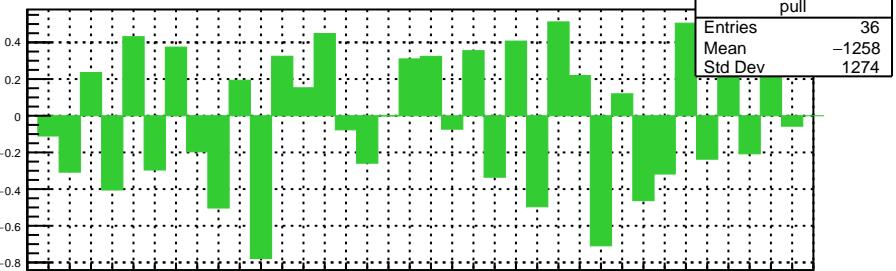
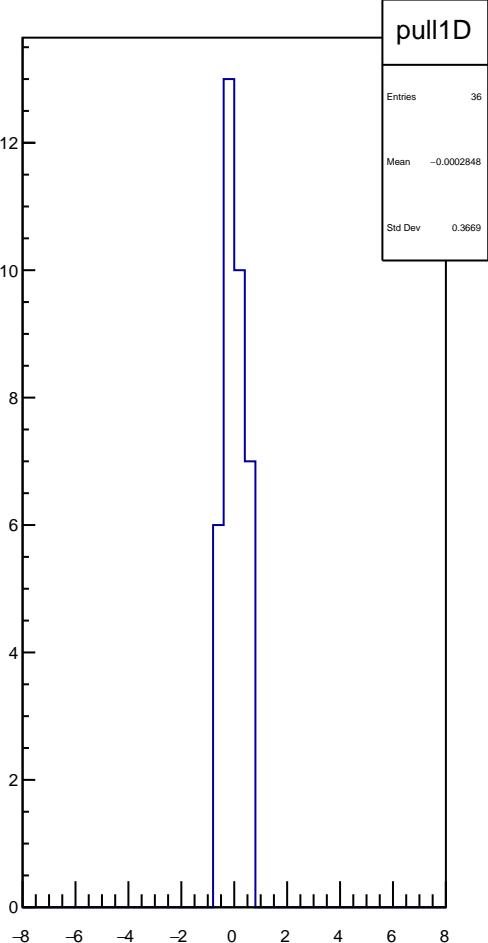
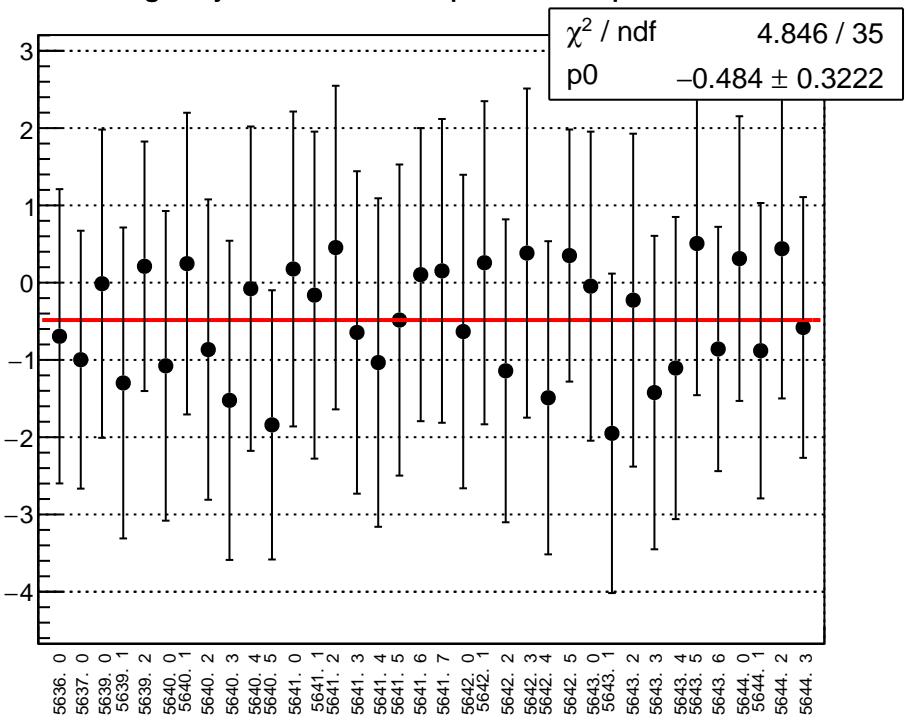
# reg\_asym\_sam2\_diff\_bpm4eX\_slope vs run



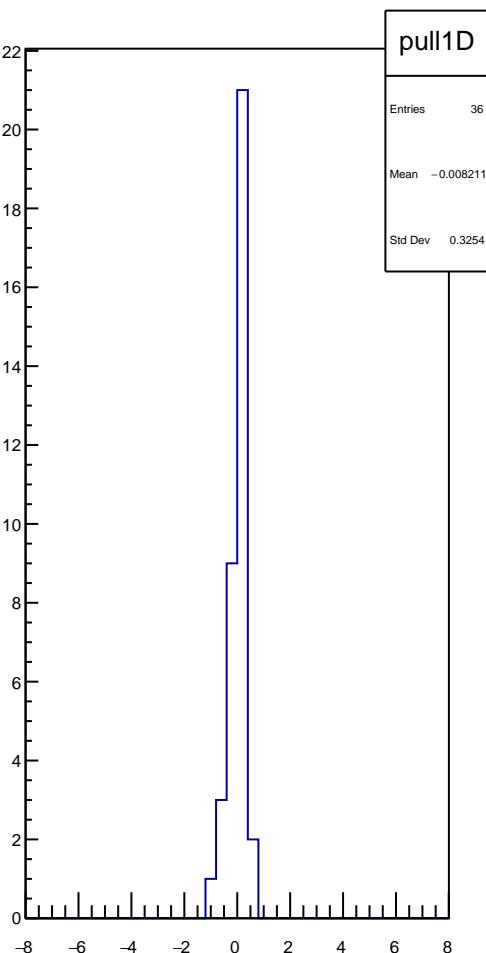
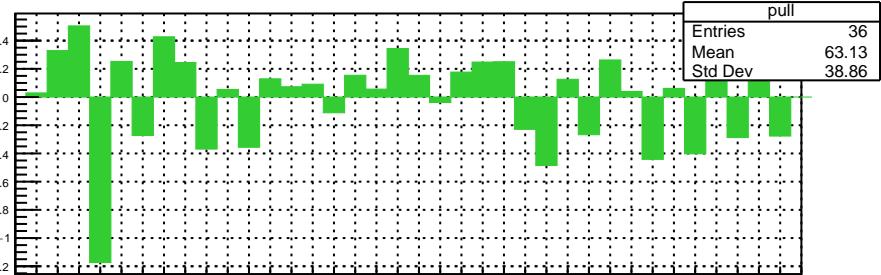
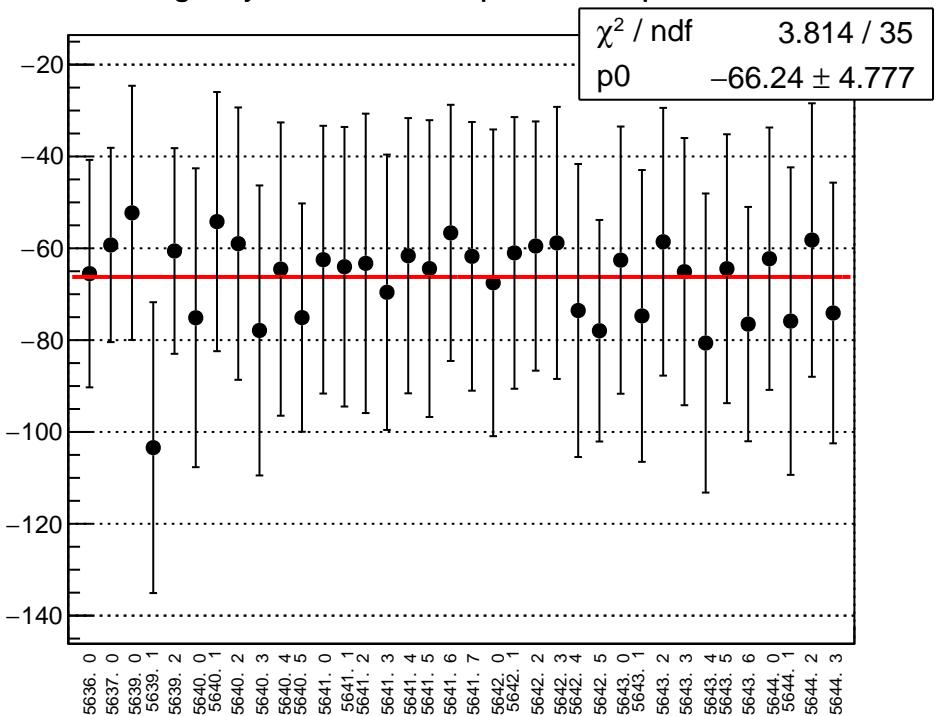
# reg\_asym\_sam2\_diff\_bpm4eY\_slope vs run



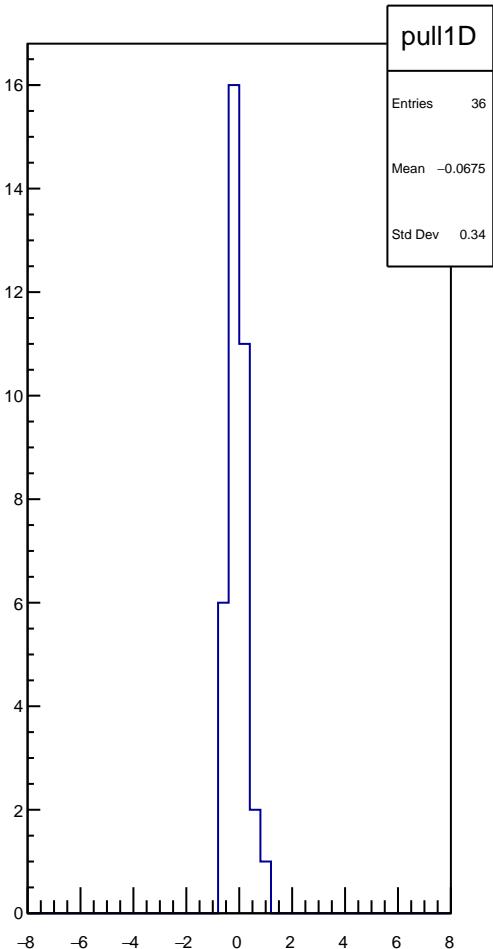
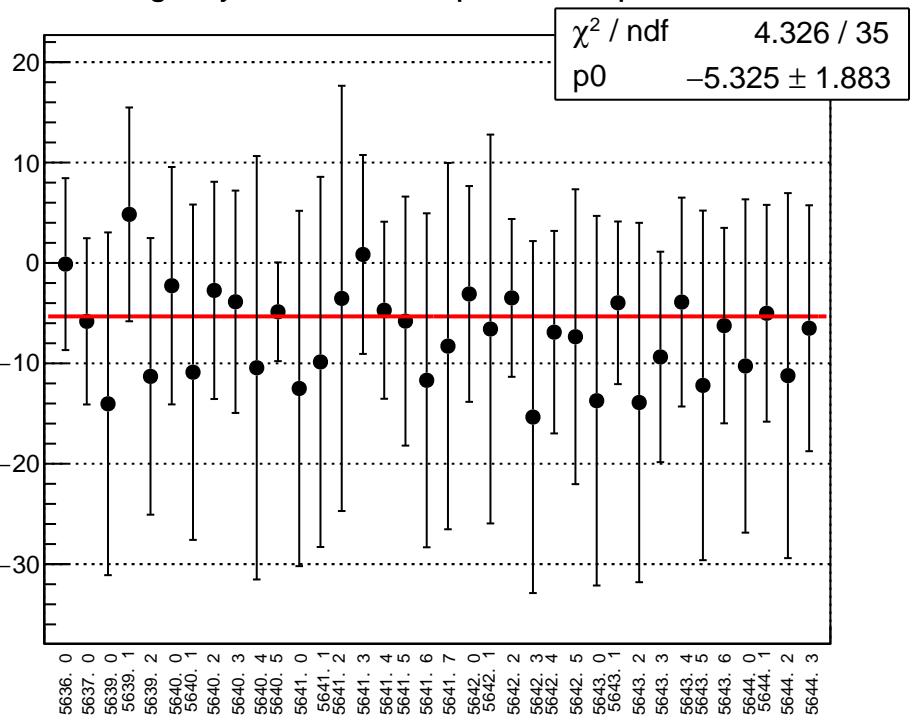
# reg\_asym\_sam2\_diff\_bpm12X\_slope vs run



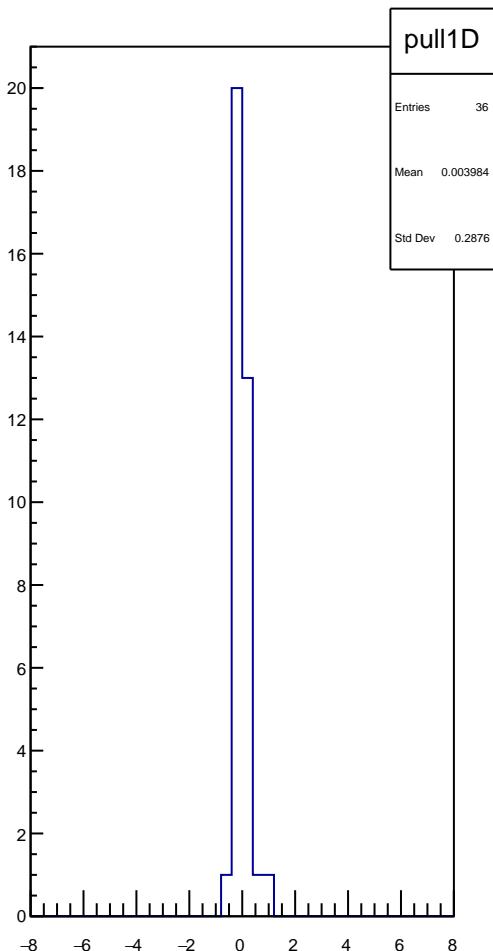
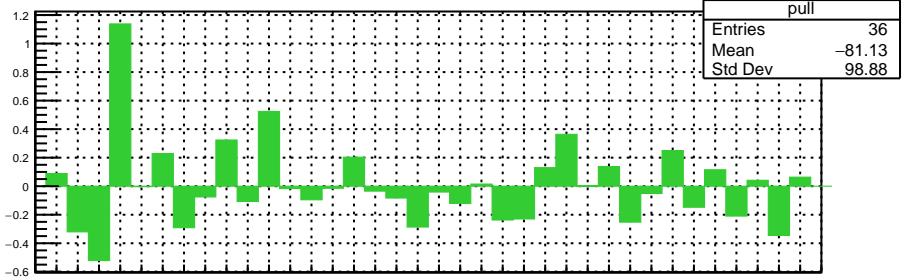
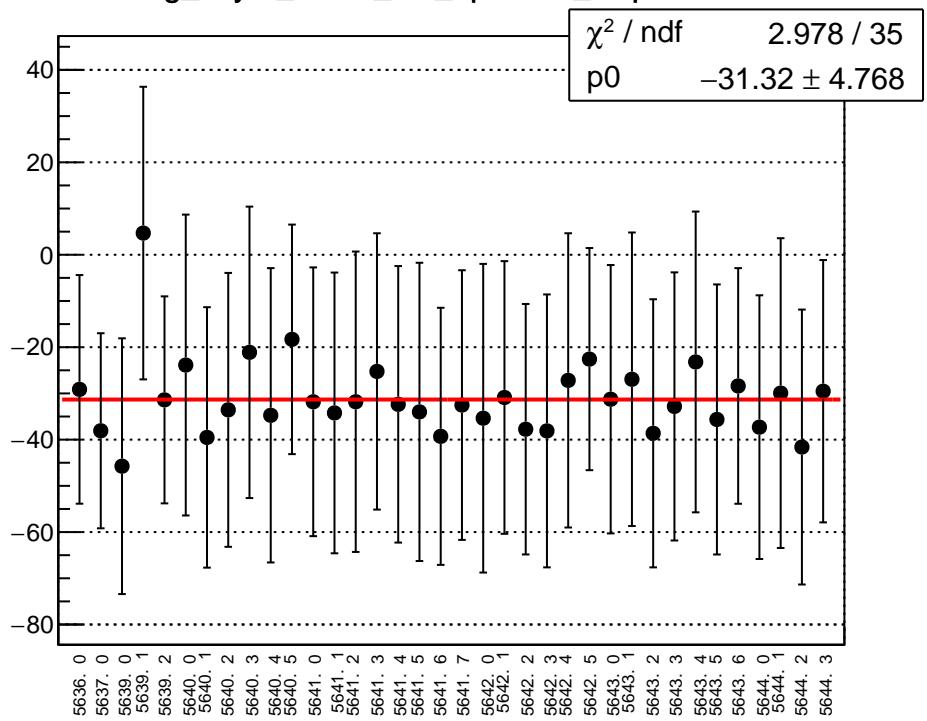
# reg\_asym\_sam3\_diff\_bpm4aX\_slope vs run



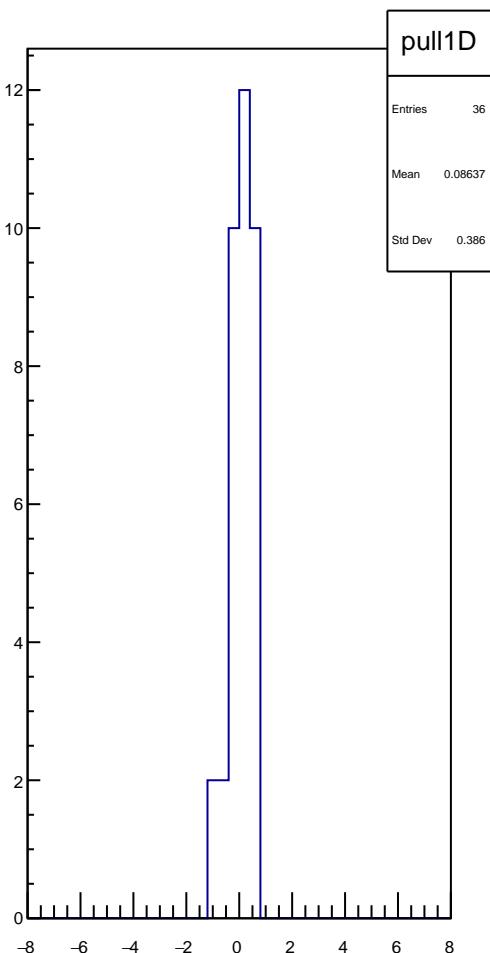
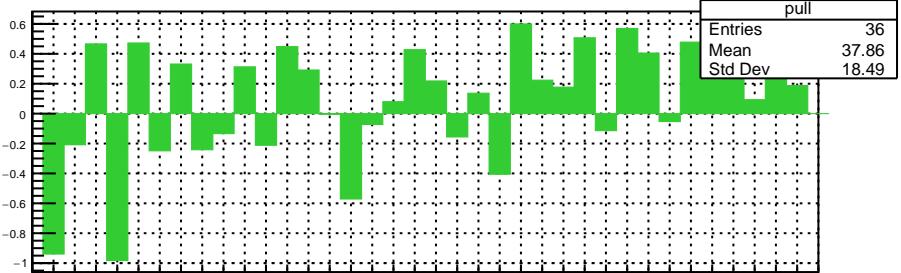
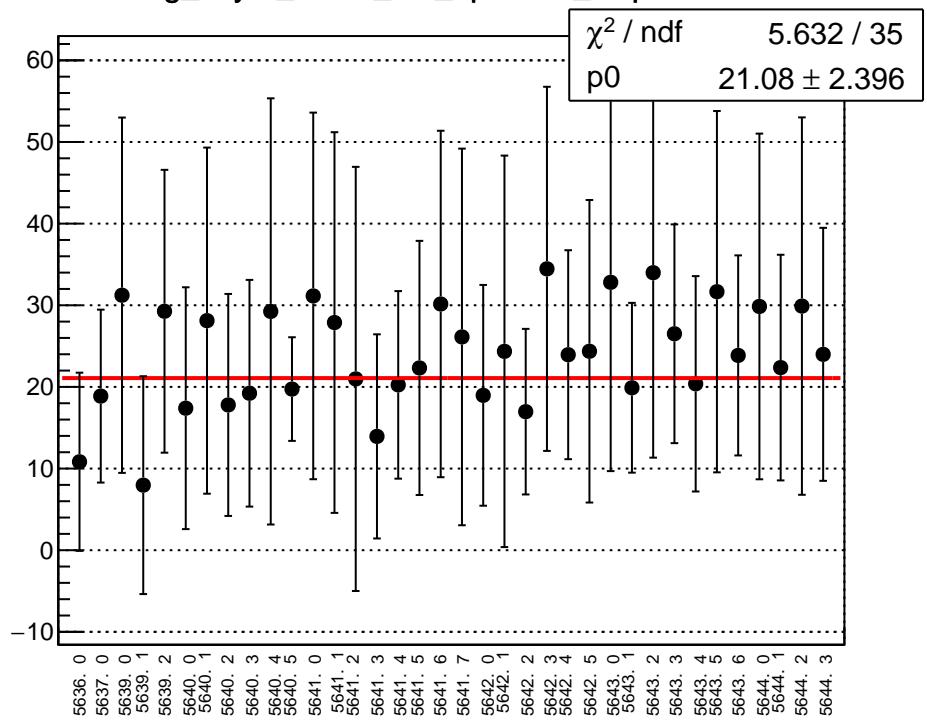
# reg\_asym\_sam3\_diff\_bpm4aY\_slope vs run



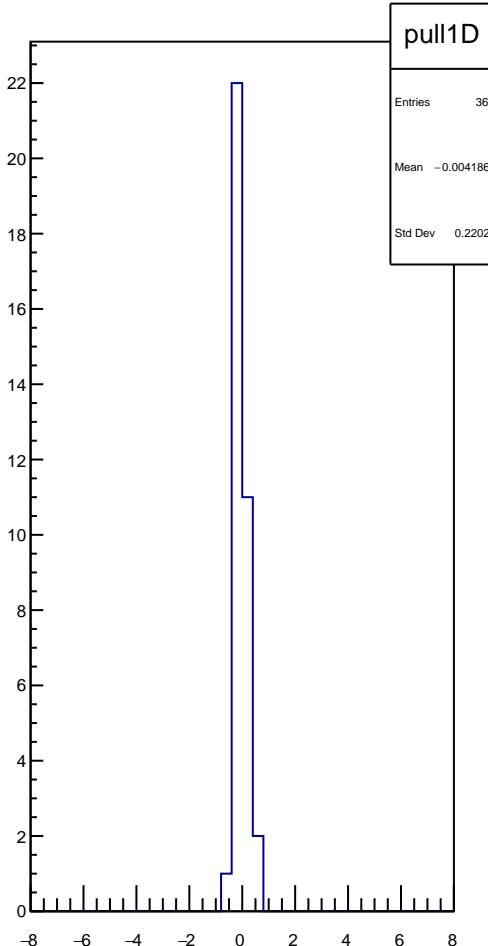
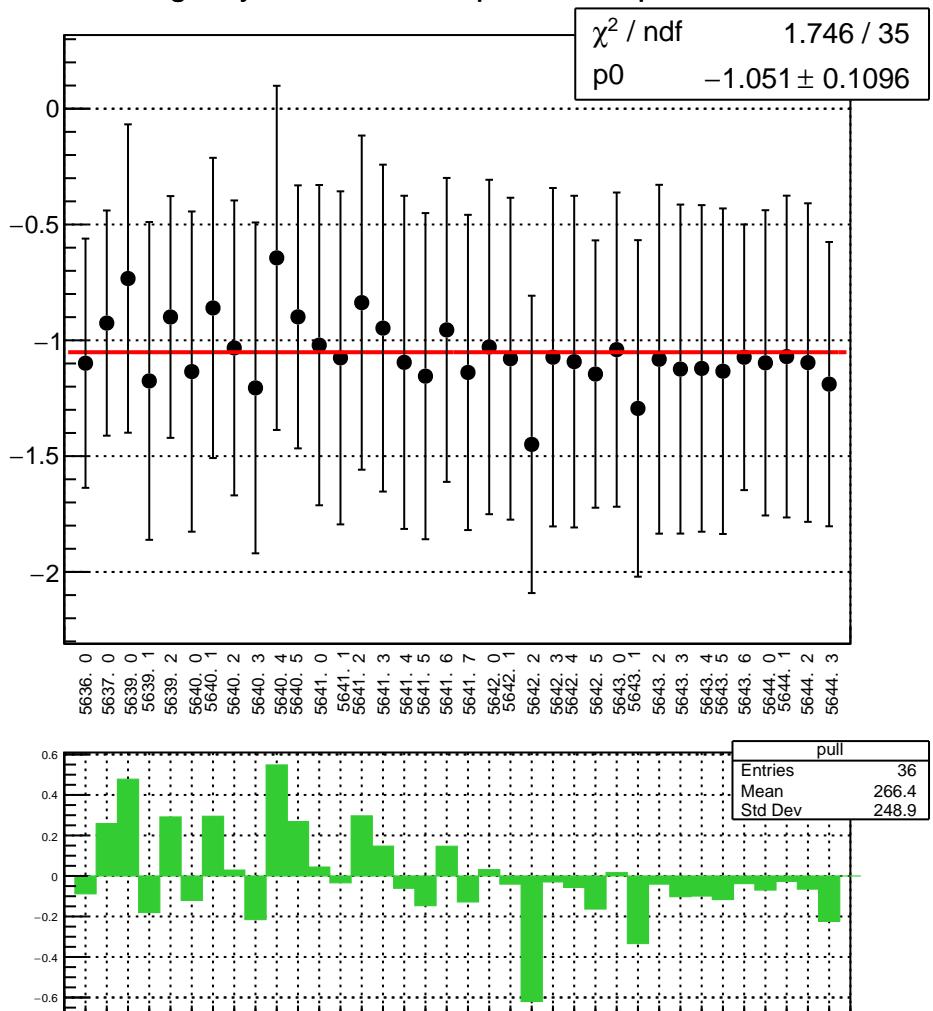
# reg\_asym\_sam3\_diff\_bpm4eX\_slope vs run



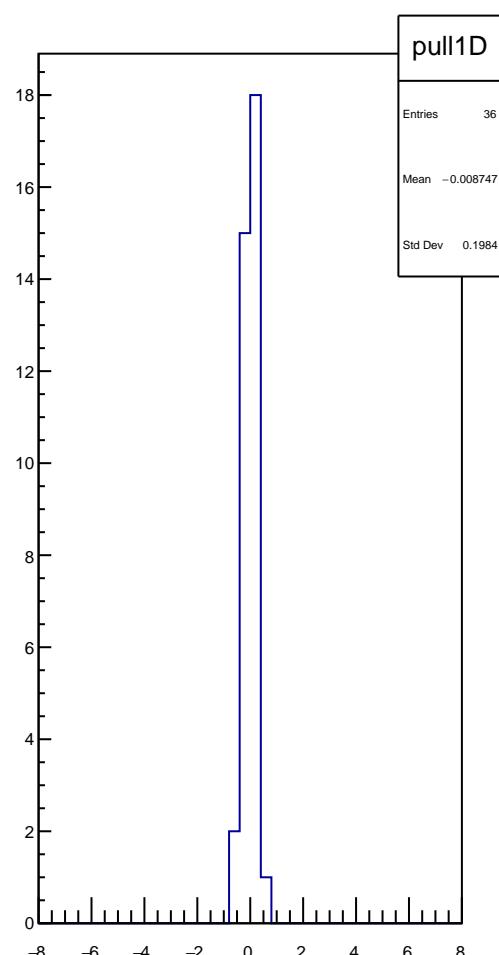
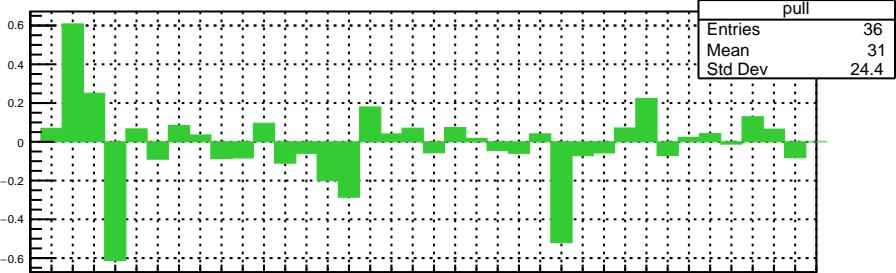
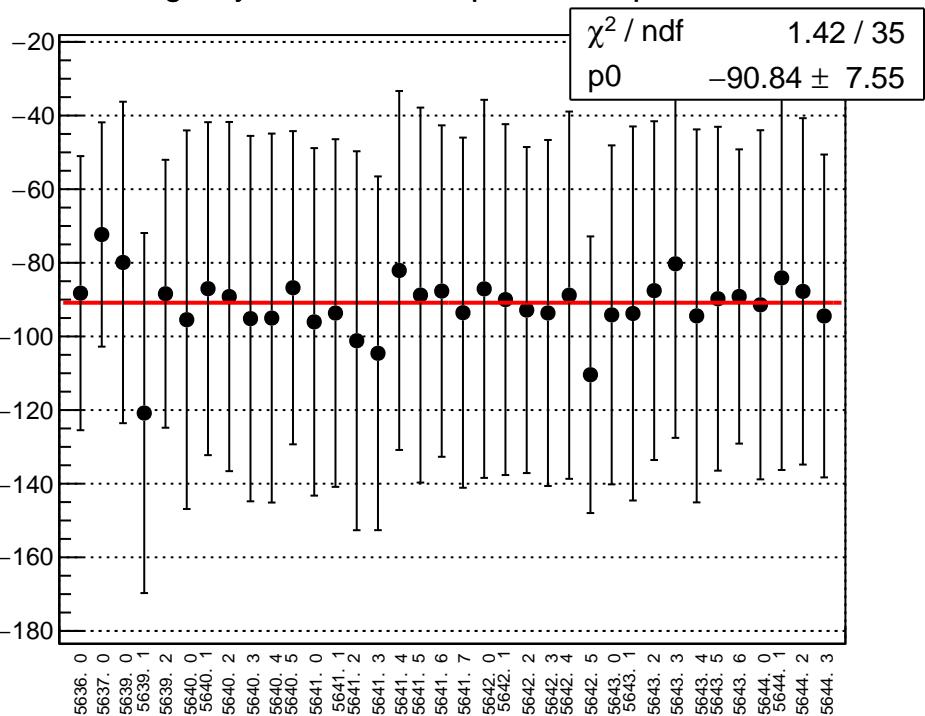
# reg\_asym\_sam3\_diff\_bpm4eY\_slope vs run



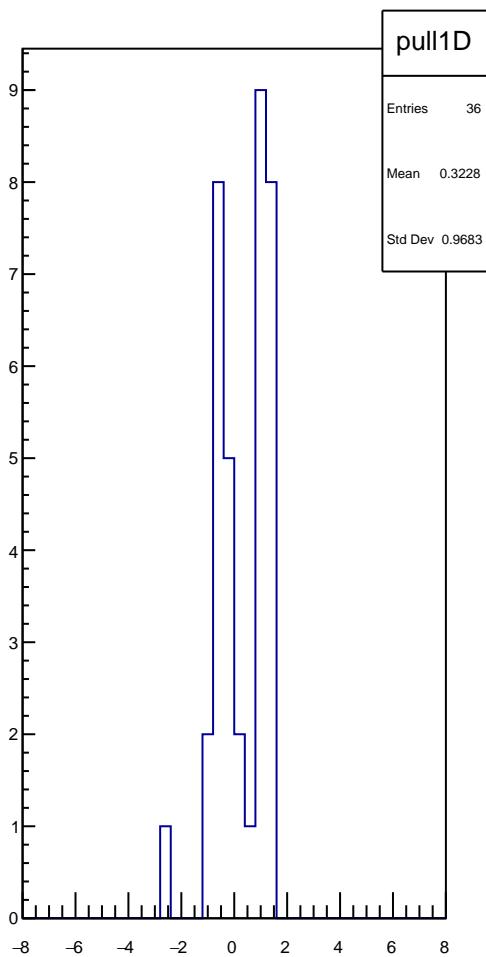
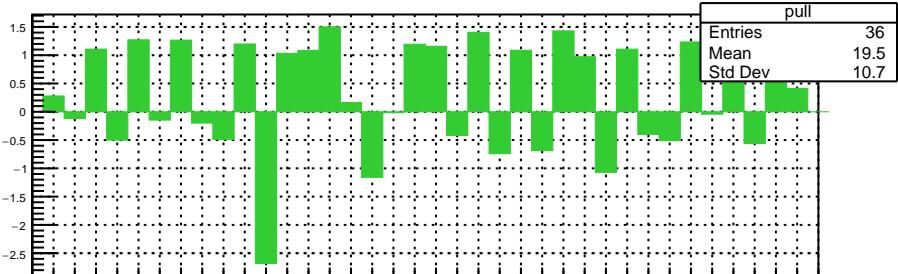
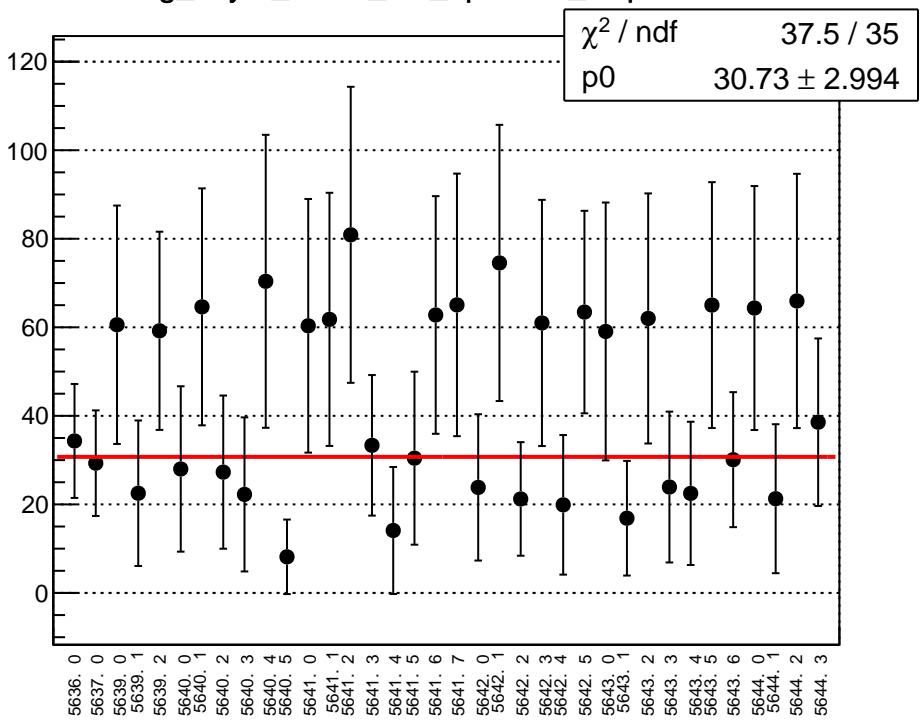
# reg\_asym\_sam3\_diff\_bpm12X\_slope vs run



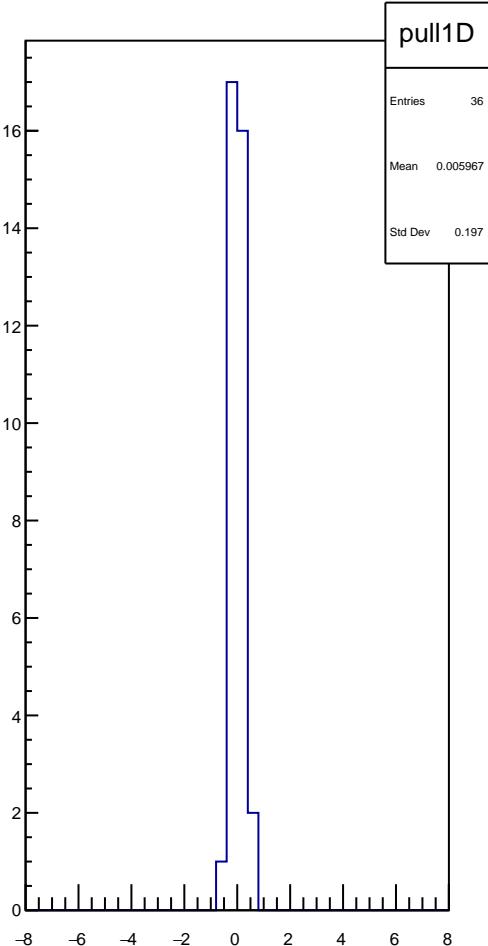
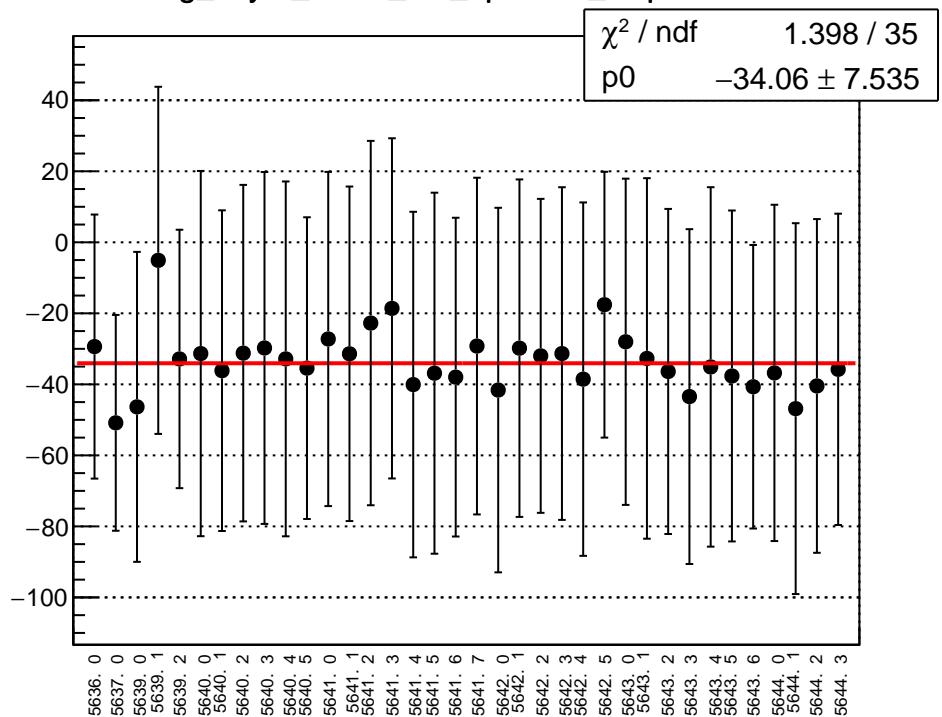
# reg\_asym\_sam4\_diff\_bpm4aX\_slope vs run



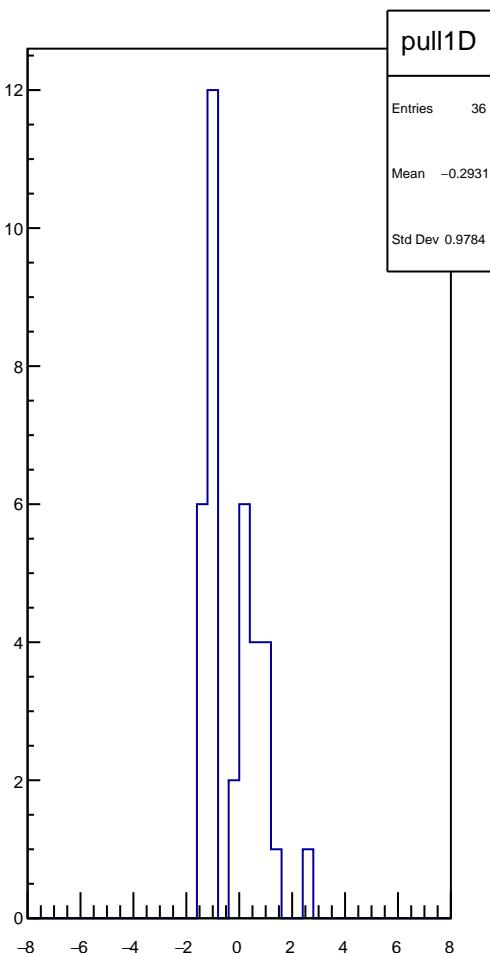
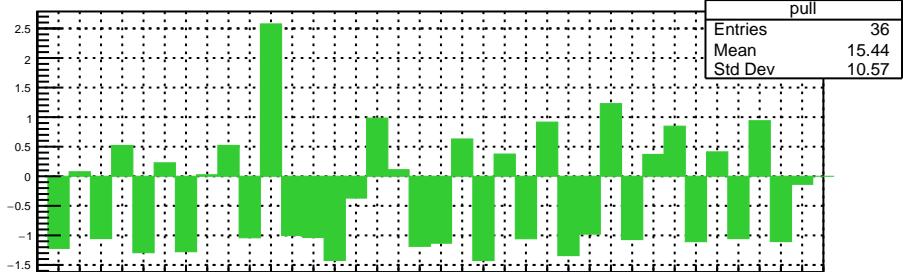
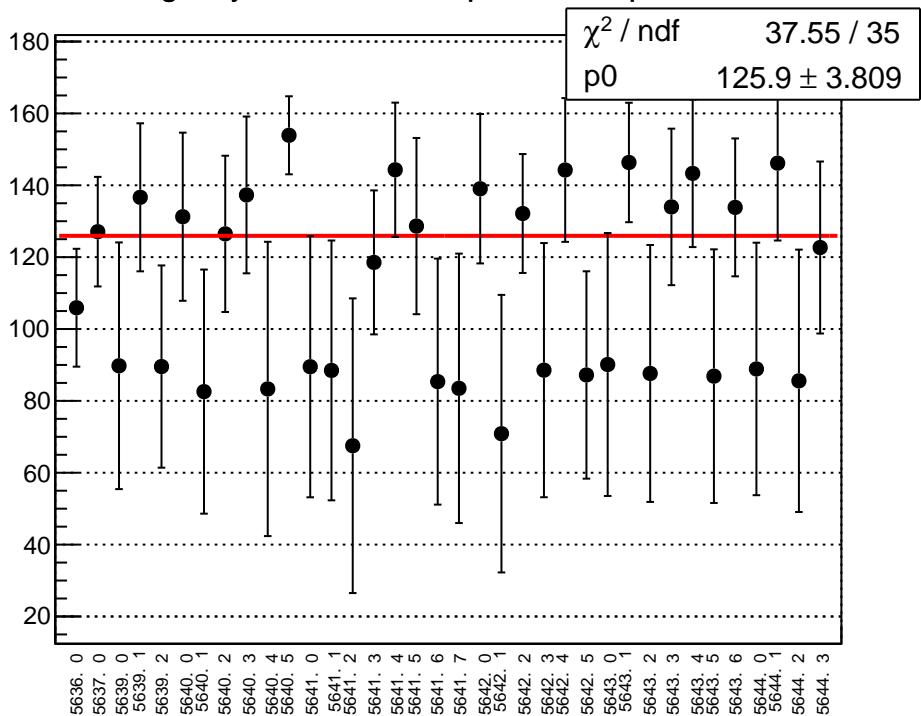
# reg\_asym\_sam4\_diff\_bpm4aY\_slope vs run



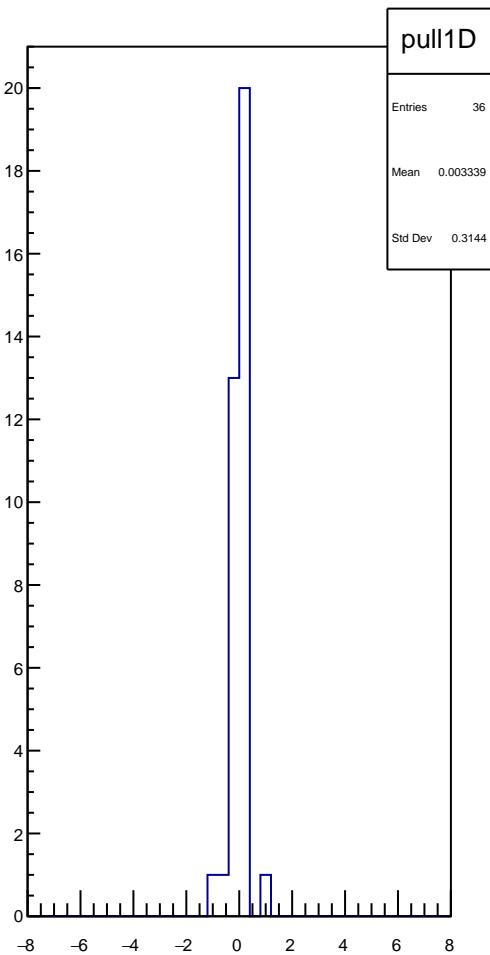
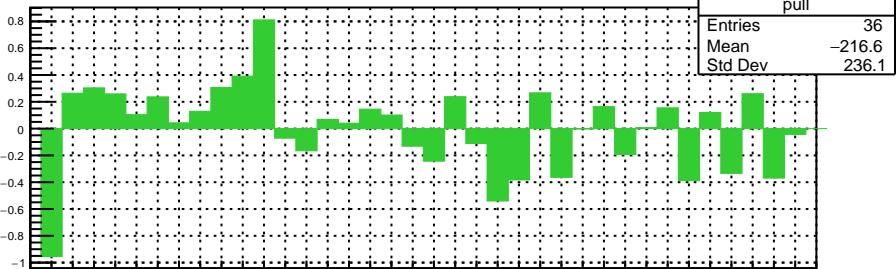
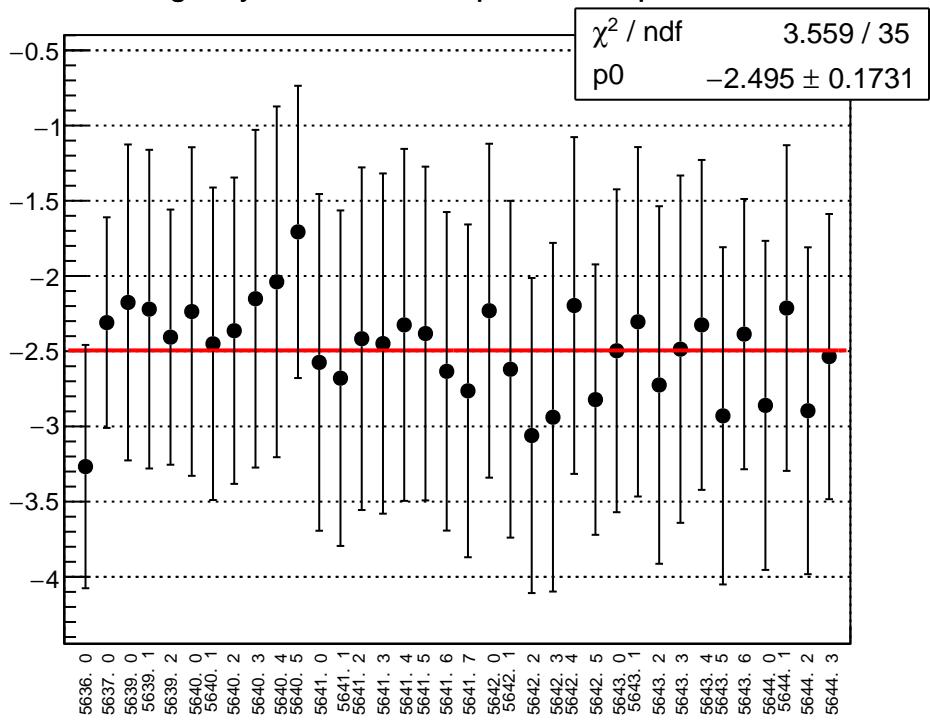
# reg\_asym\_sam4\_diff\_bpm4eX\_slope vs run



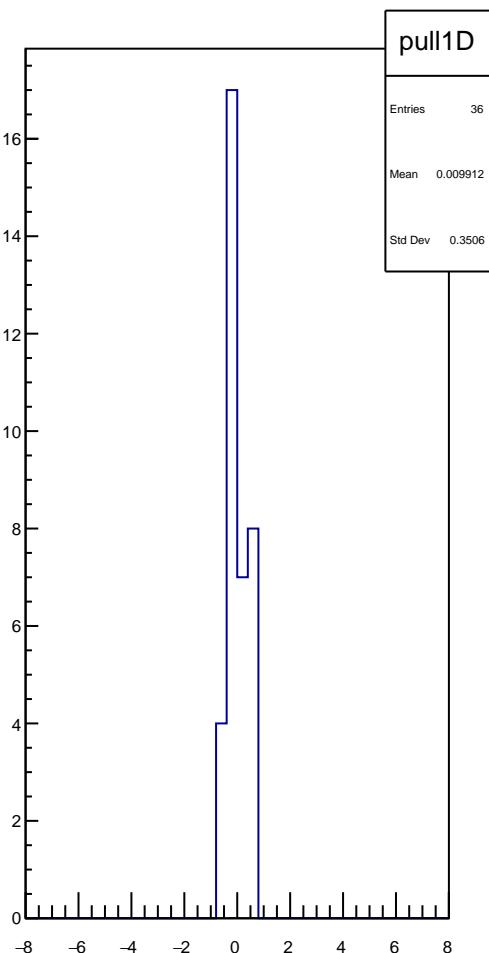
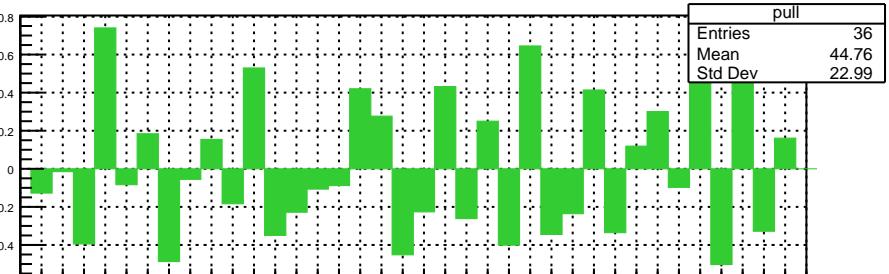
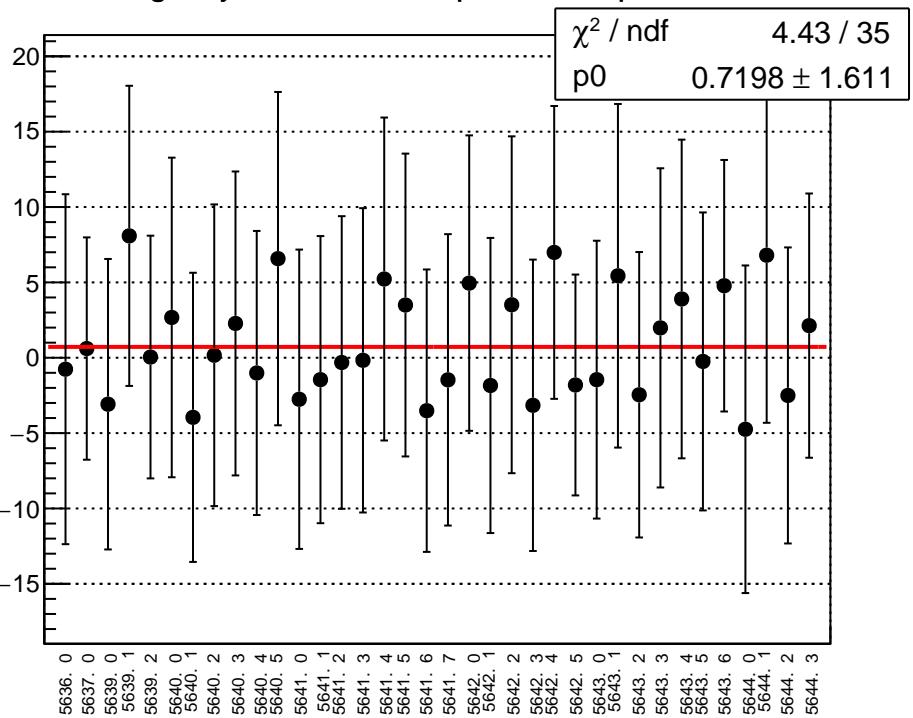
# reg\_asym\_sam4\_diff\_bpm4eY\_slope vs run



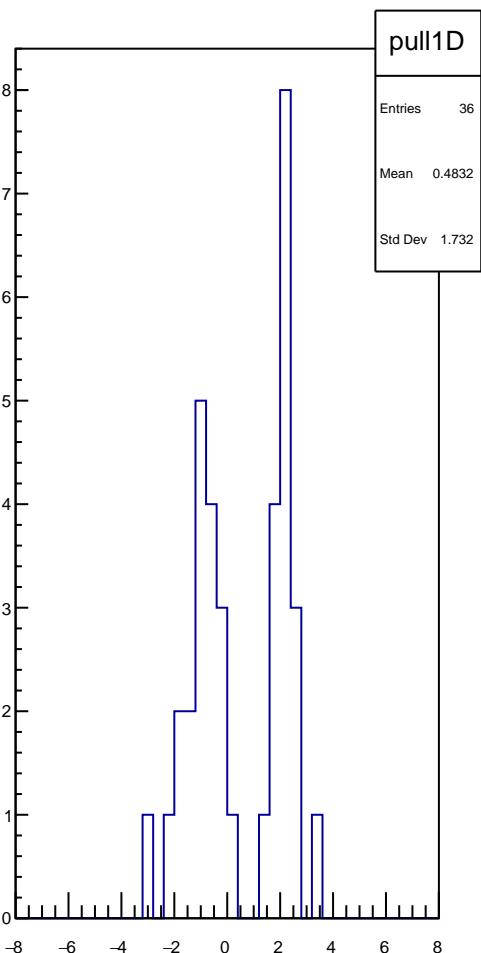
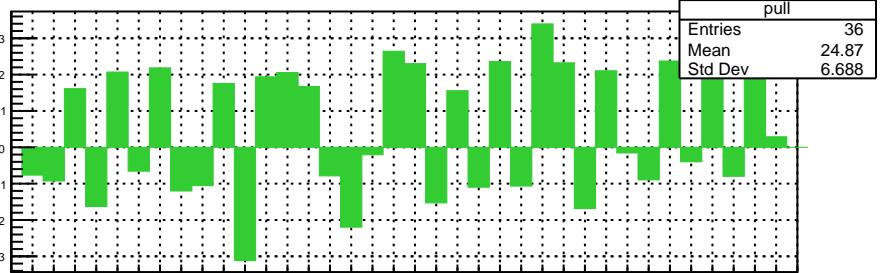
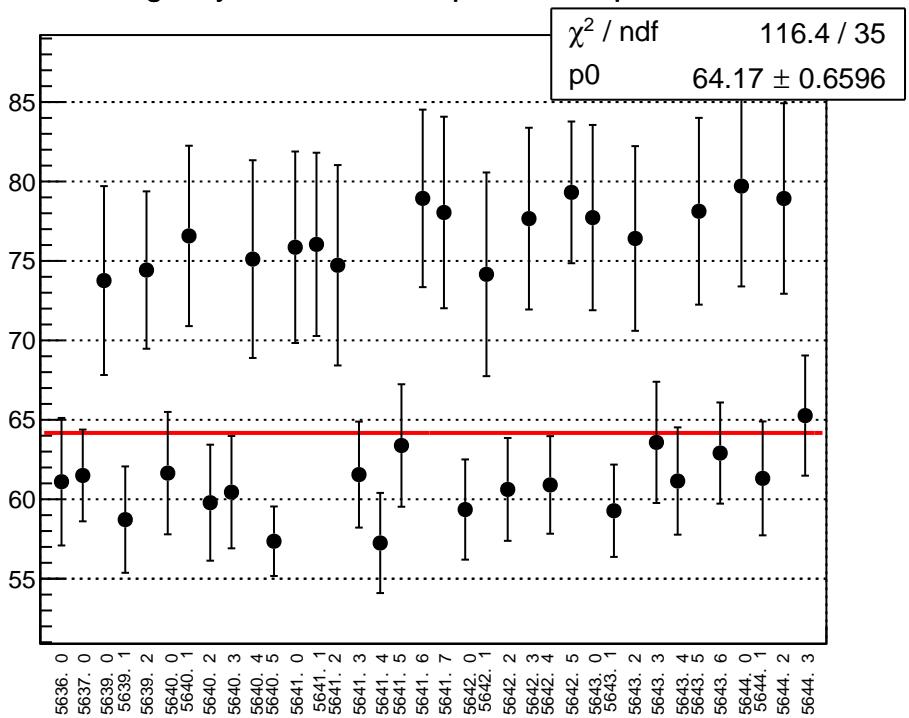
# reg\_asym\_sam4\_diff\_bpm12X\_slope vs run



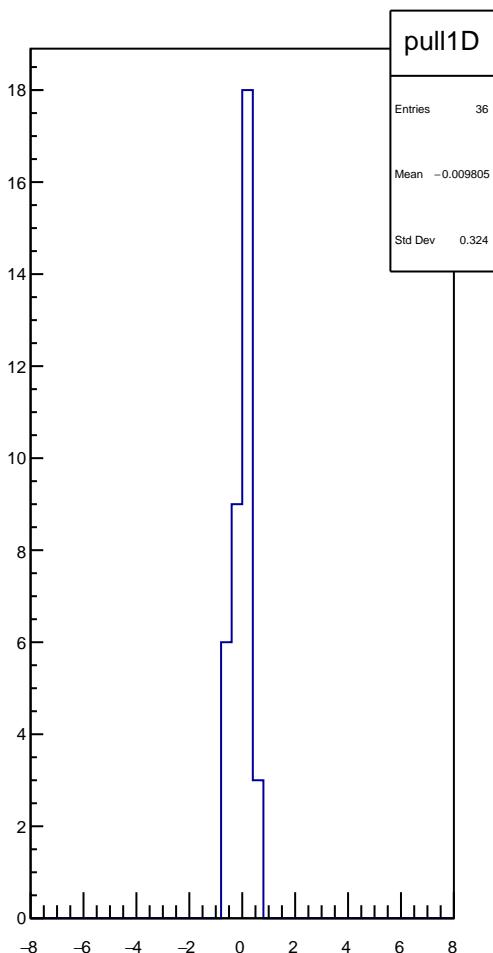
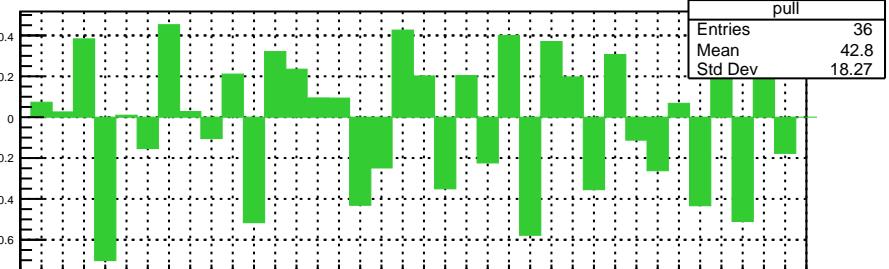
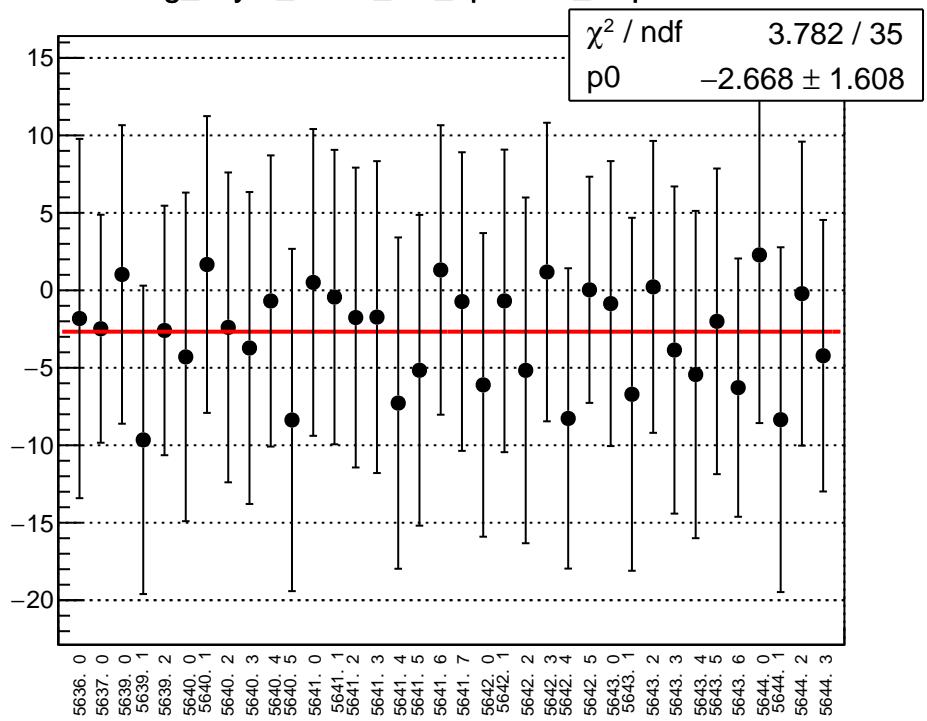
# reg\_asym\_sam5\_diff\_bpm4aX\_slope vs run



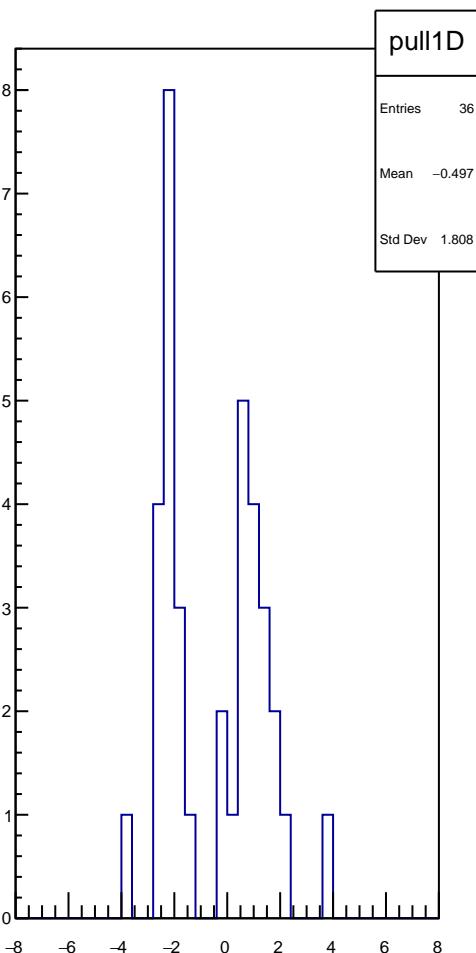
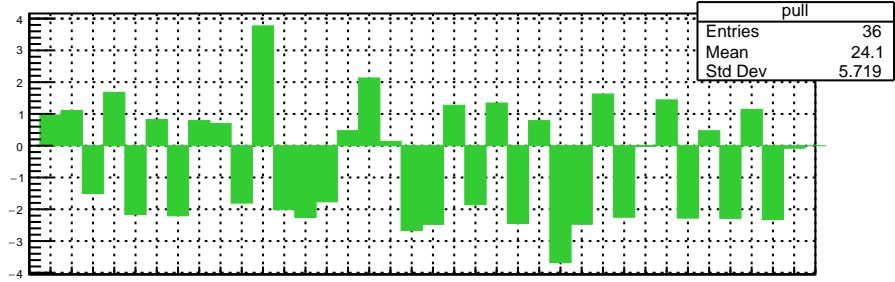
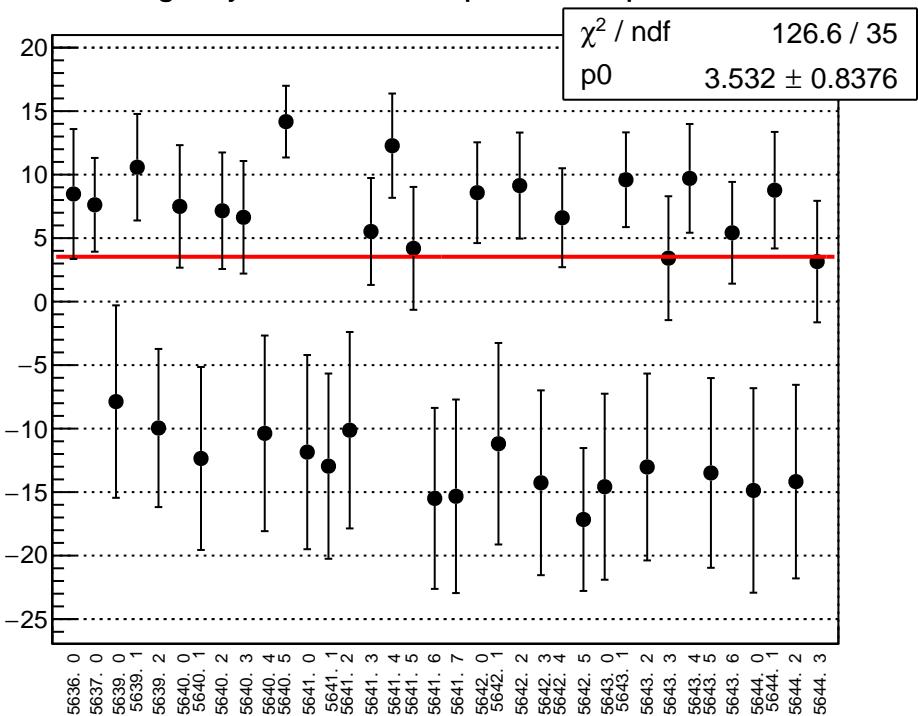
# reg\_asym\_sam5\_diff\_bpm4aY\_slope vs run



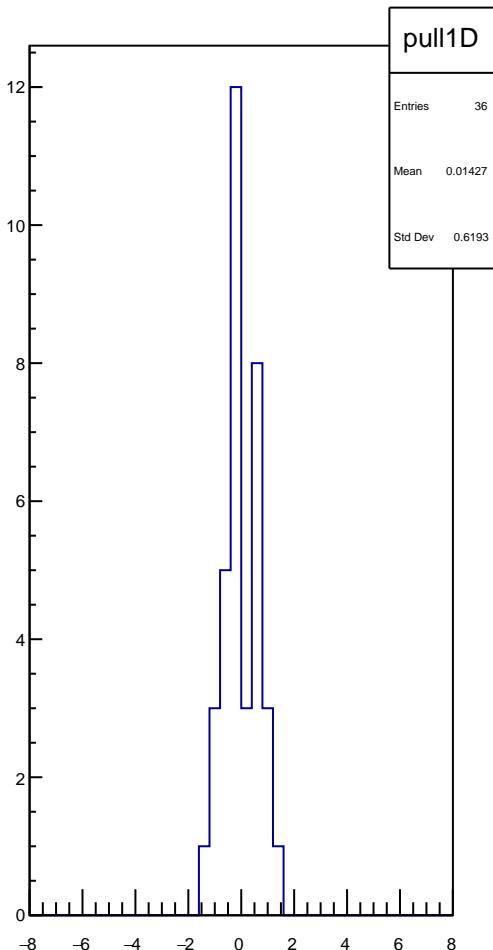
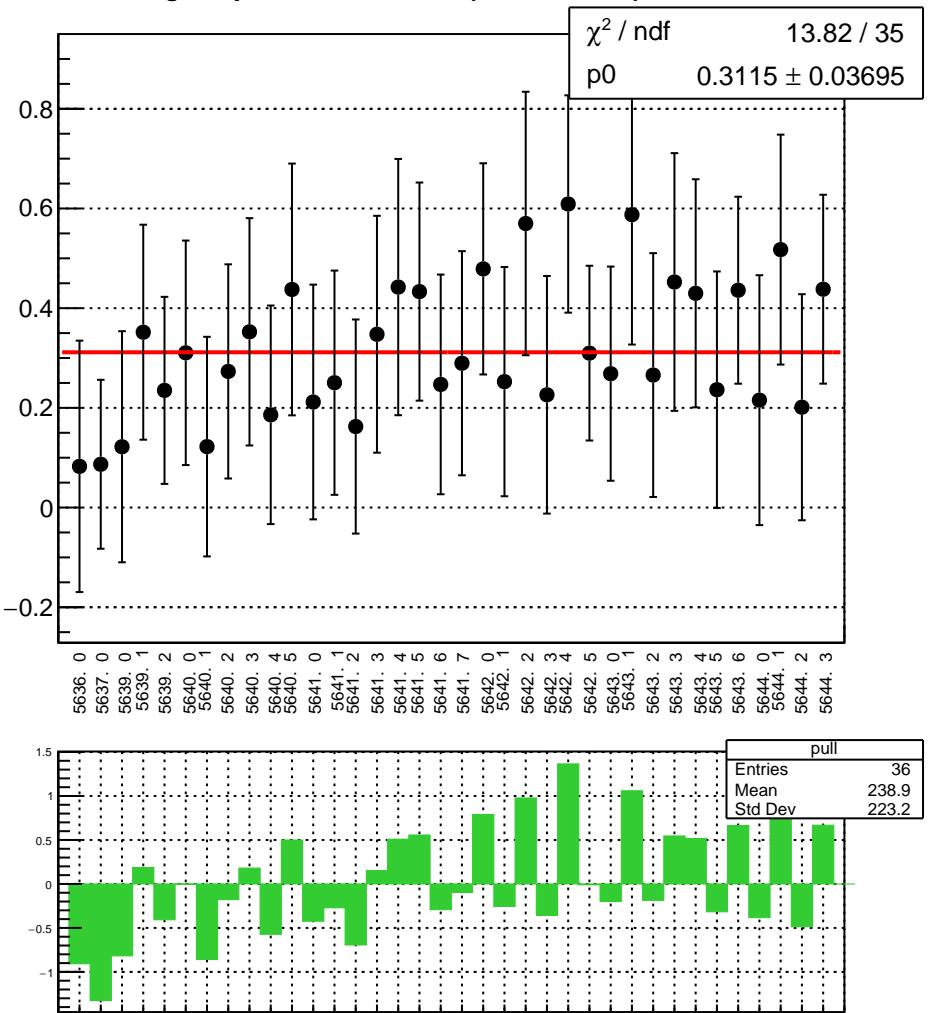
# reg\_asym\_sam5\_diff\_bpm4eX\_slope vs run



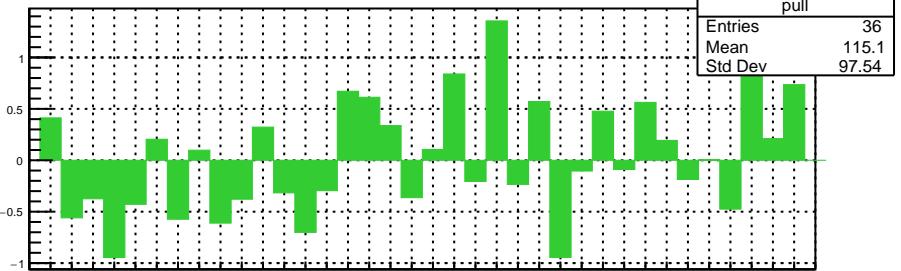
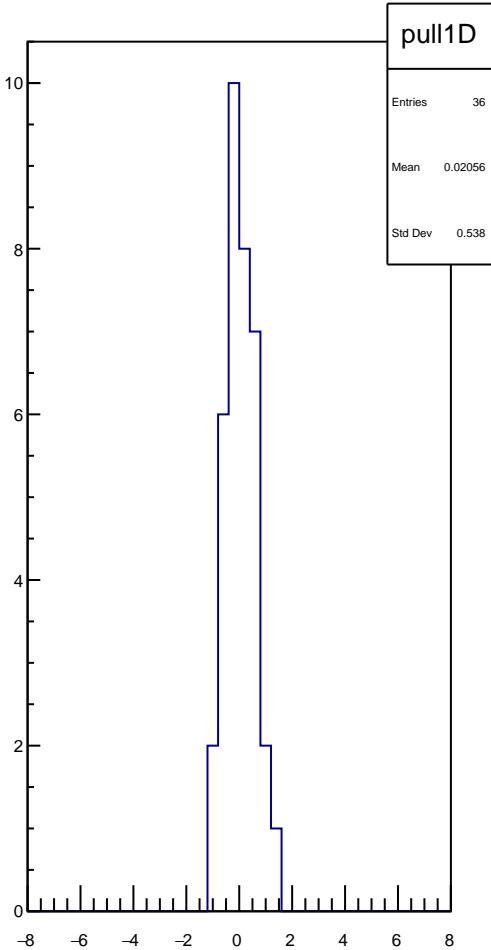
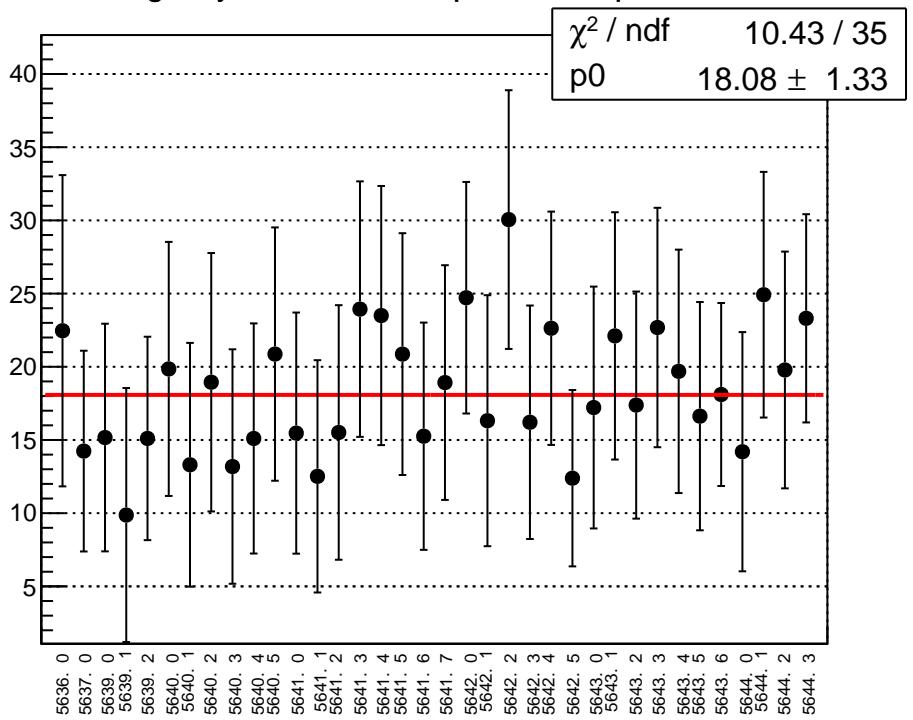
# reg\_asym\_sam5\_diff\_bpm4eY\_slope vs run



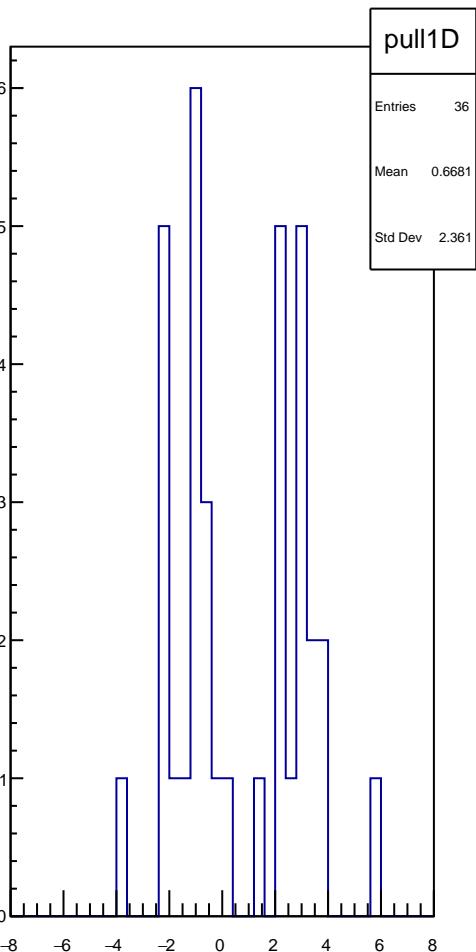
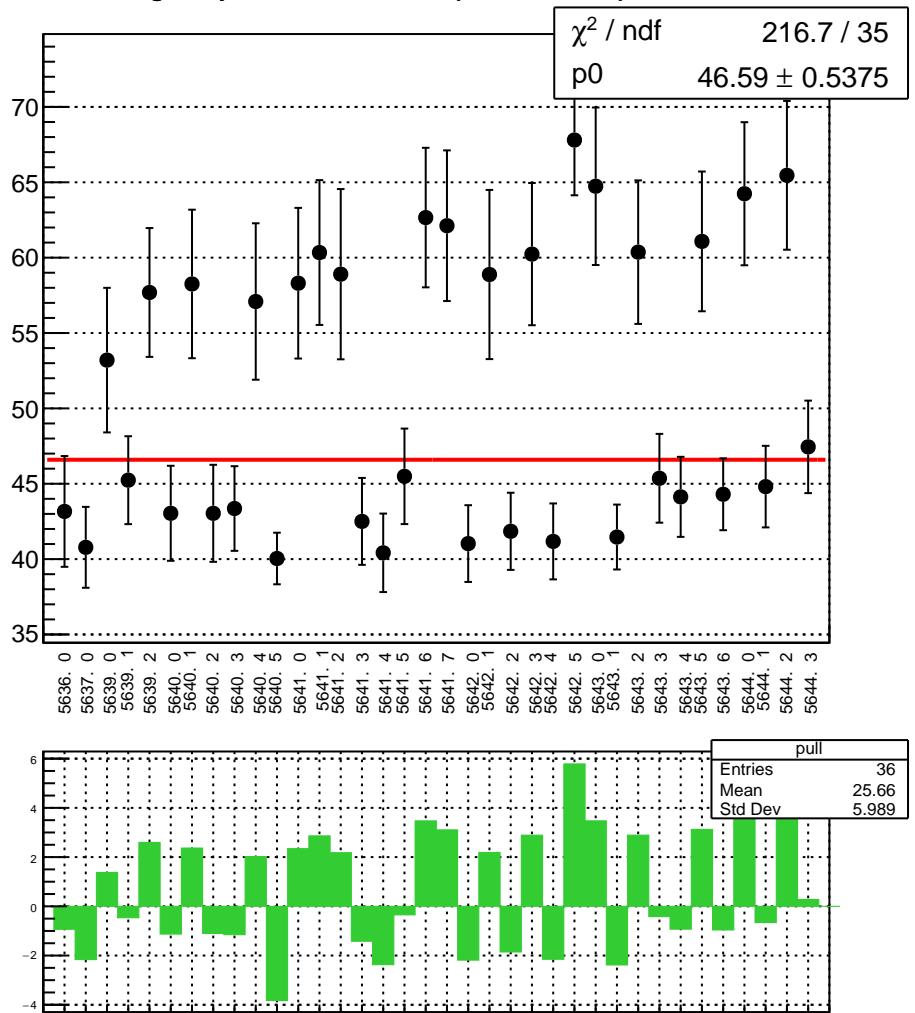
# reg\_asym\_sam5\_diff\_bpm12X\_slope vs run



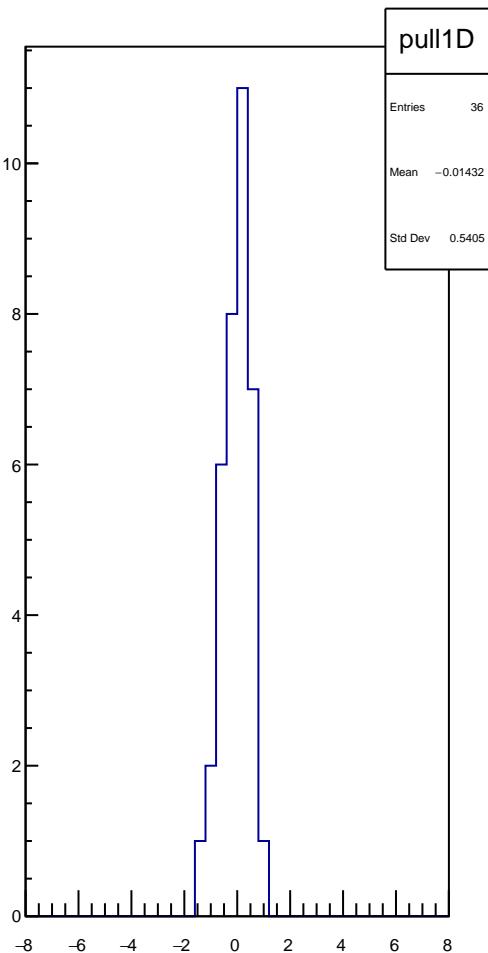
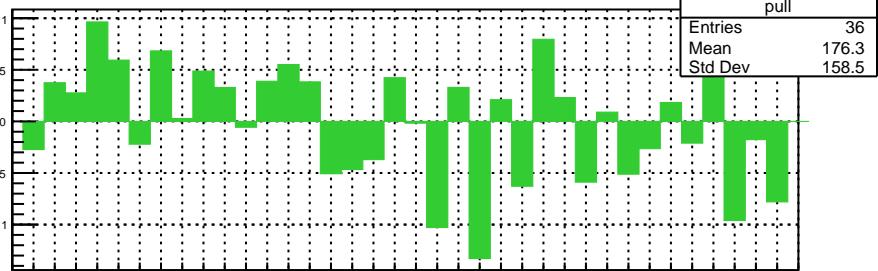
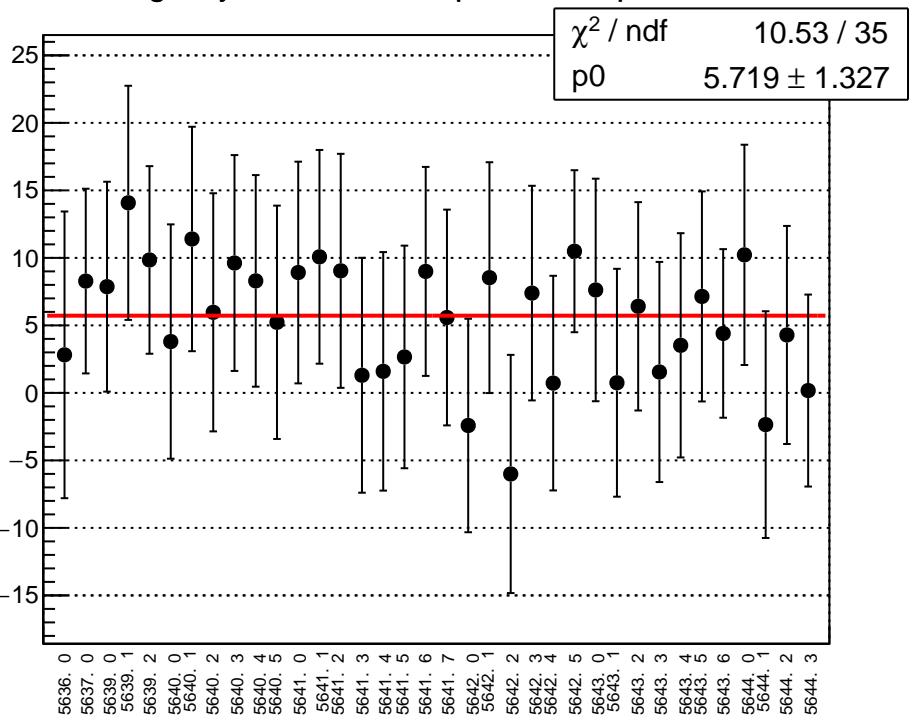
# reg\_asym\_sam6\_diff\_bpm4aX\_slope vs run



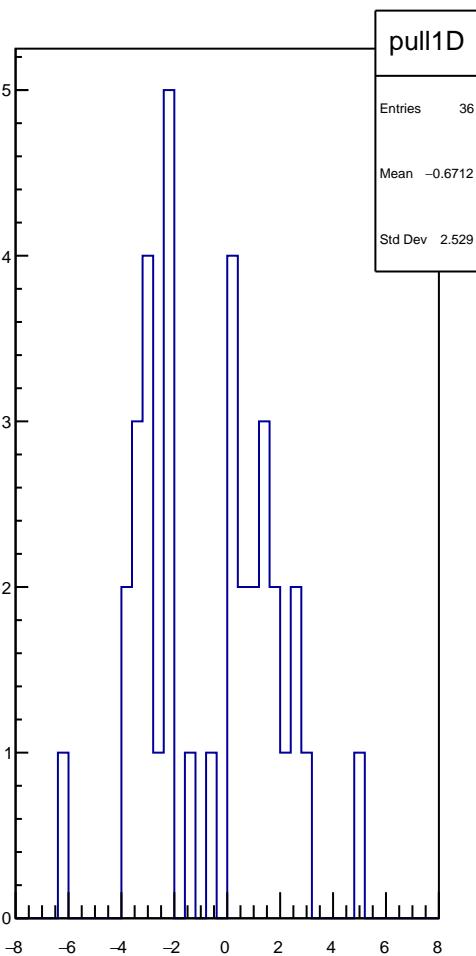
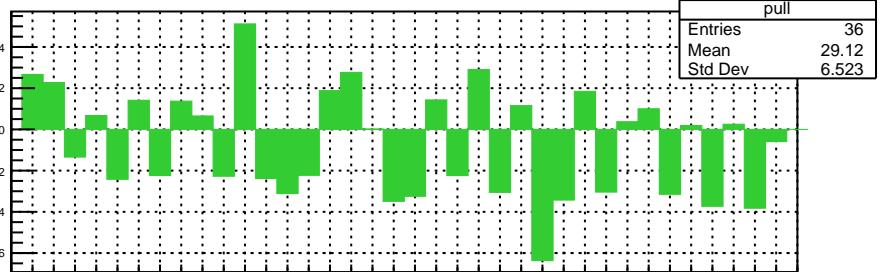
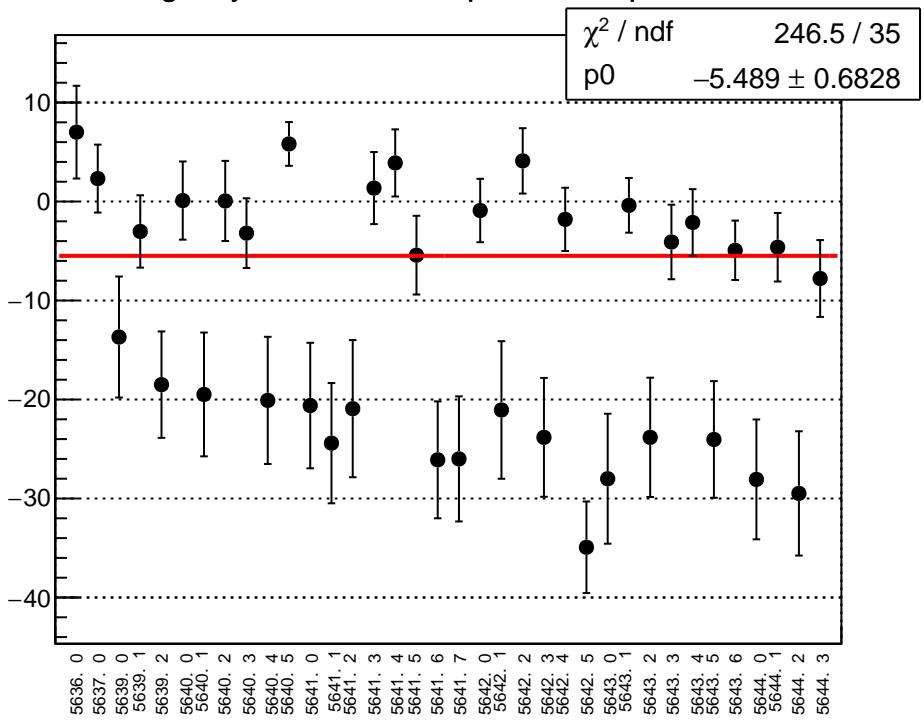
# reg\_asym\_sam6\_diff\_bpm4aY\_slope vs run



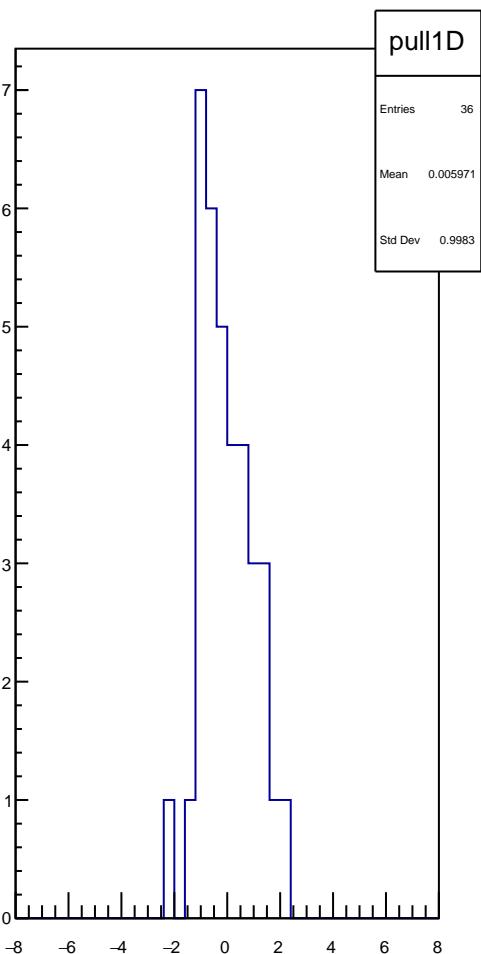
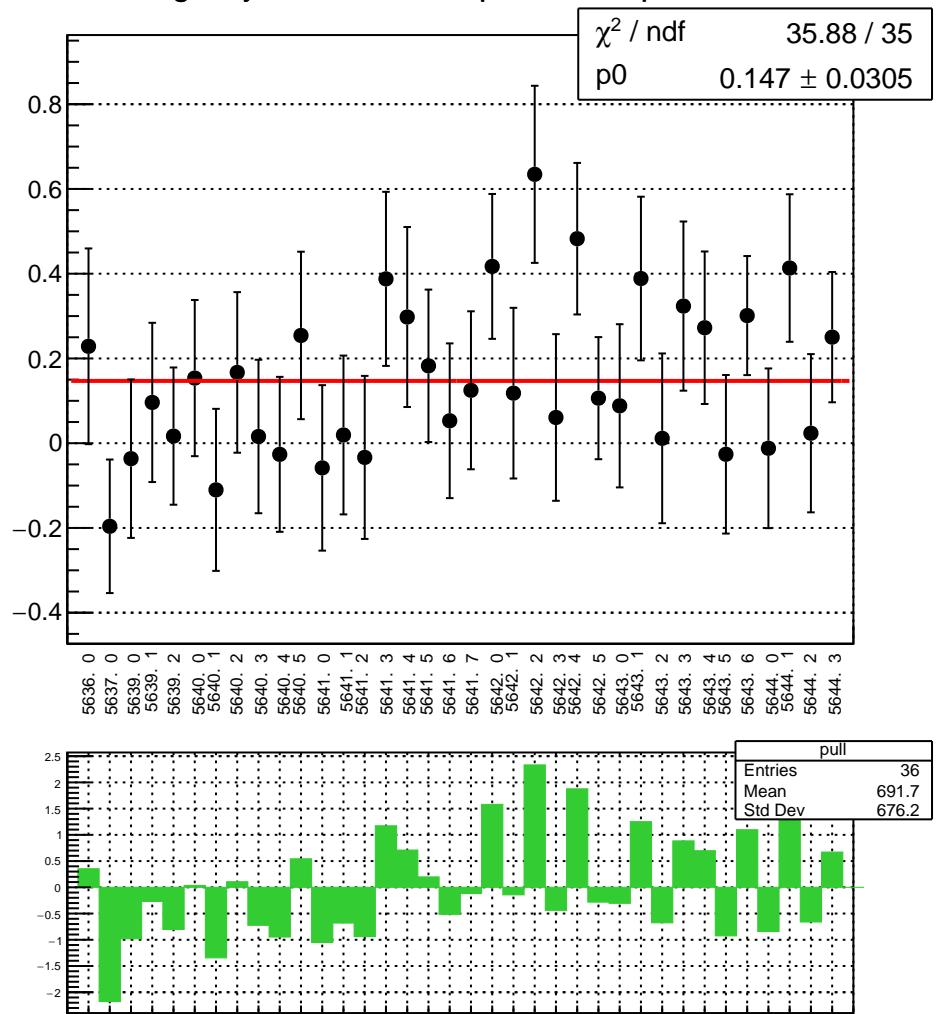
# reg\_asym\_sam6\_diff\_bpm4eX\_slope vs run



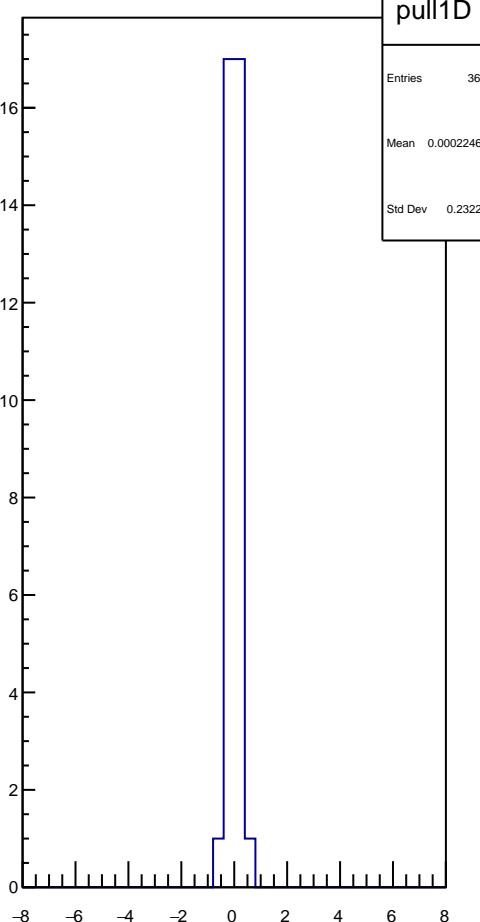
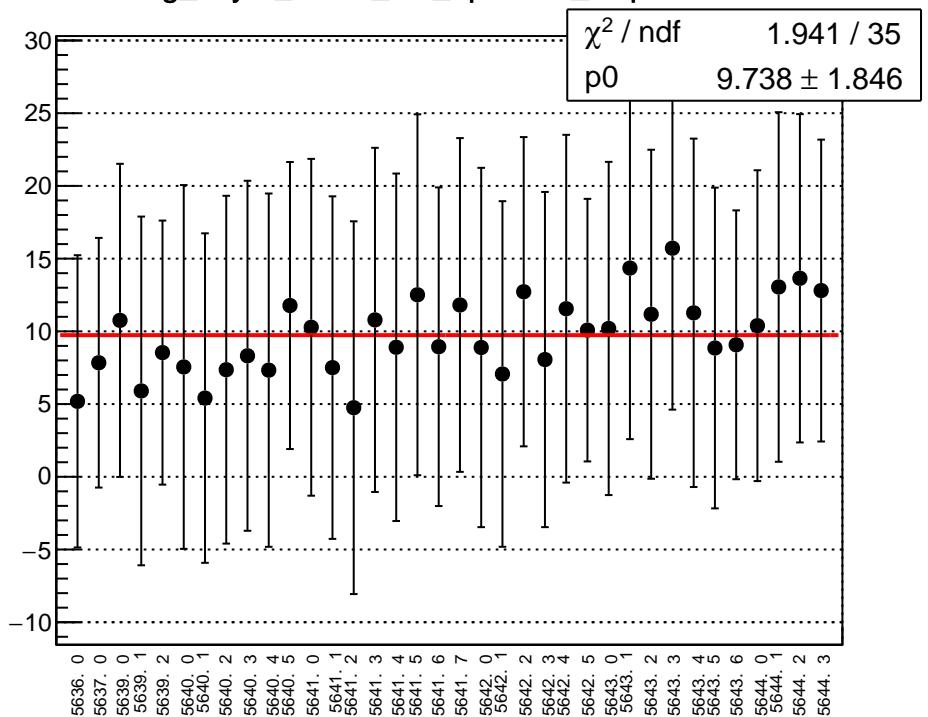
# reg\_asym\_sam6\_diff\_bpm4eY\_slope vs run



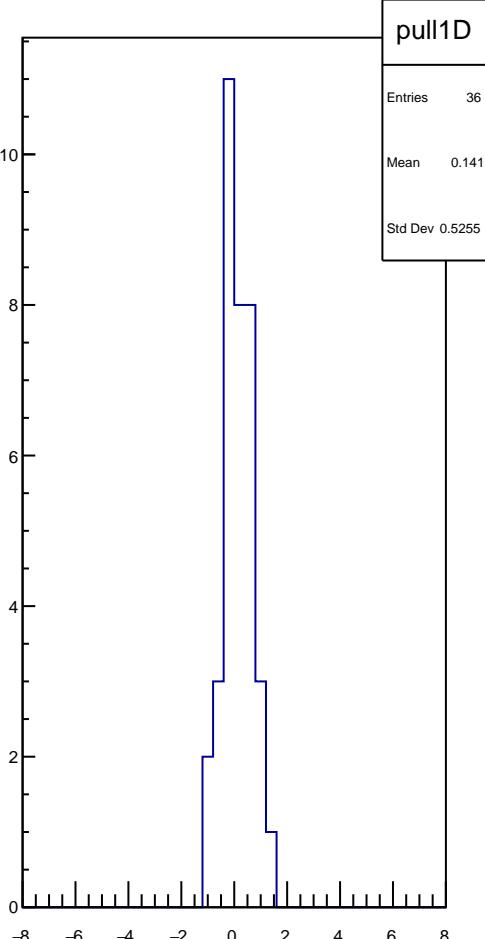
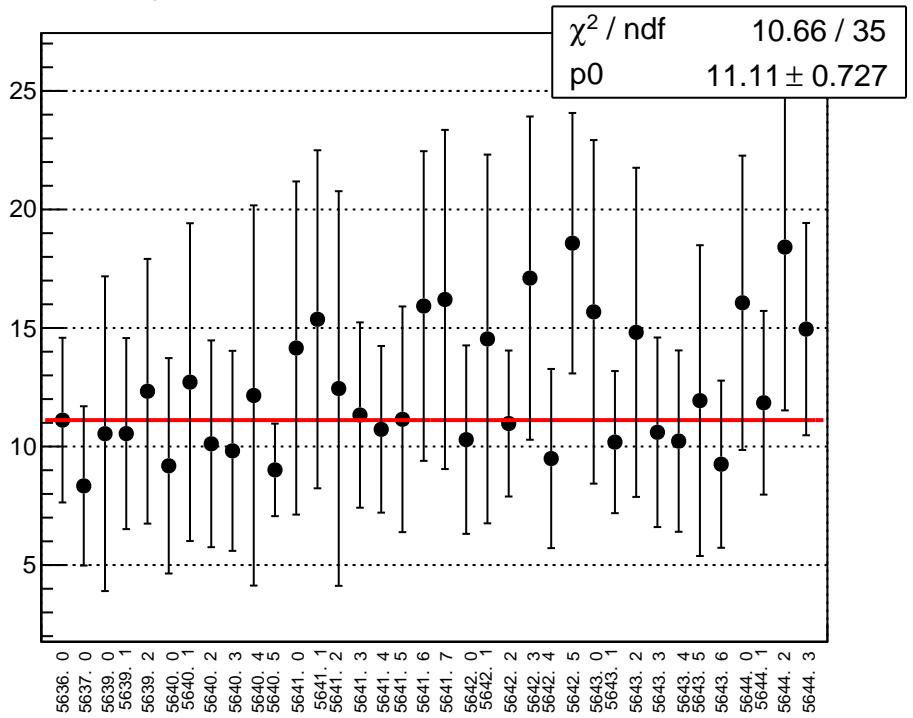
# reg\_asym\_sam6\_diff\_bpm12X\_slope vs run



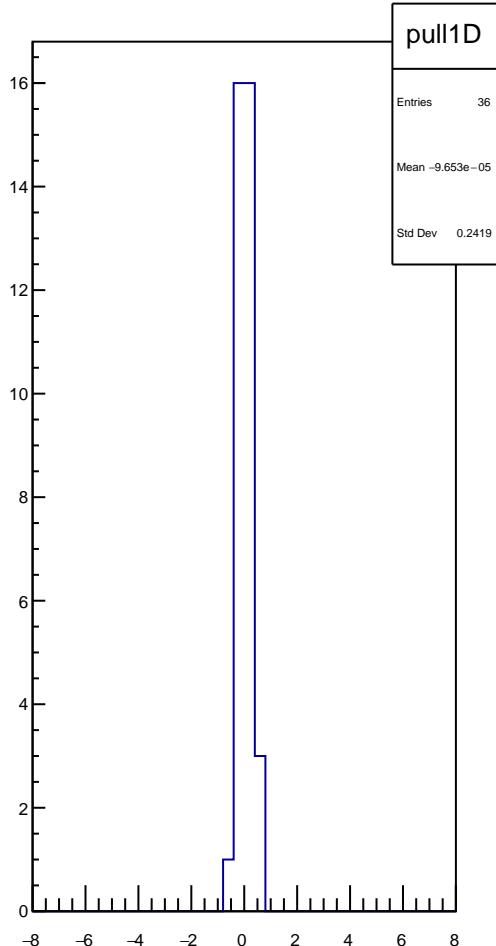
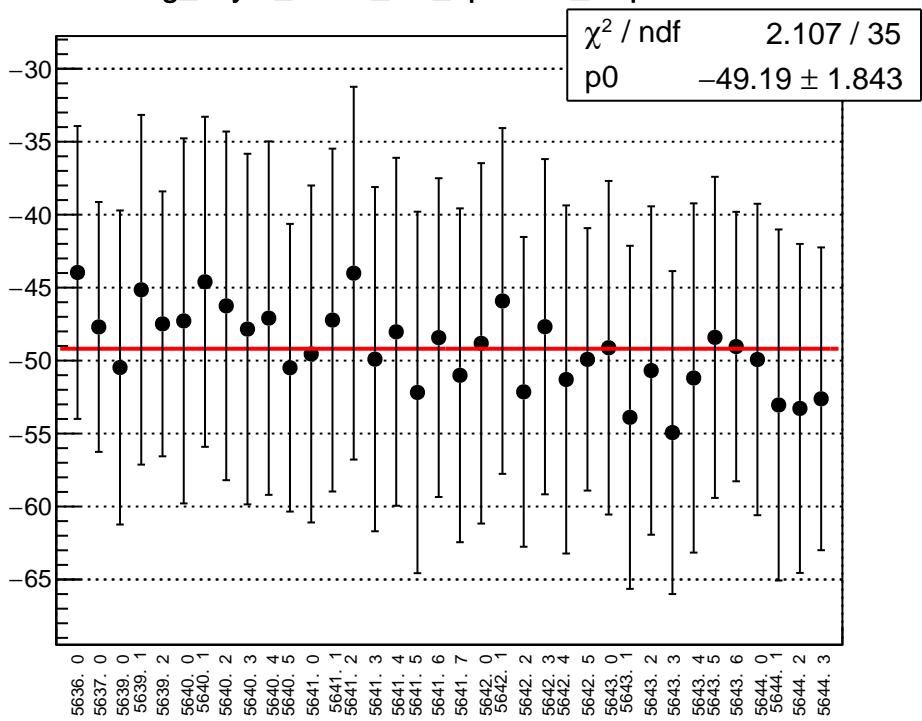
# reg\_asym\_sam7\_diff\_bpm4aX\_slope vs run



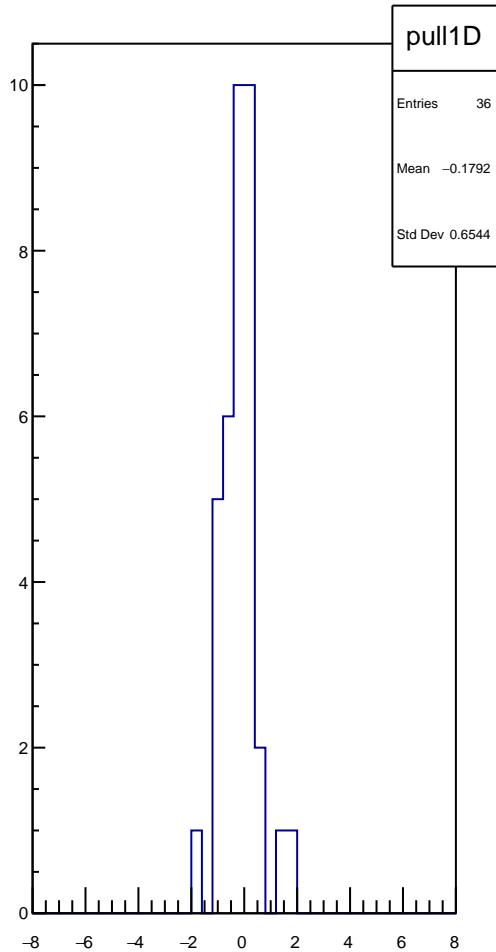
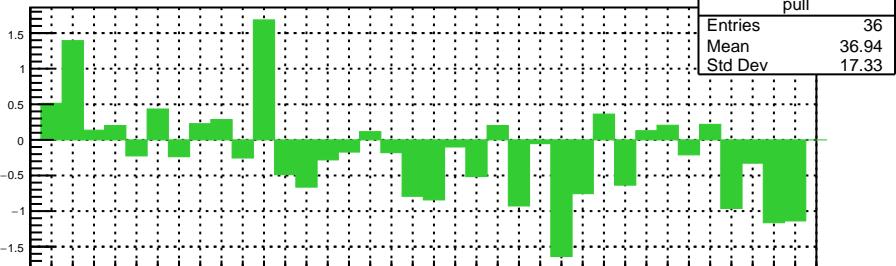
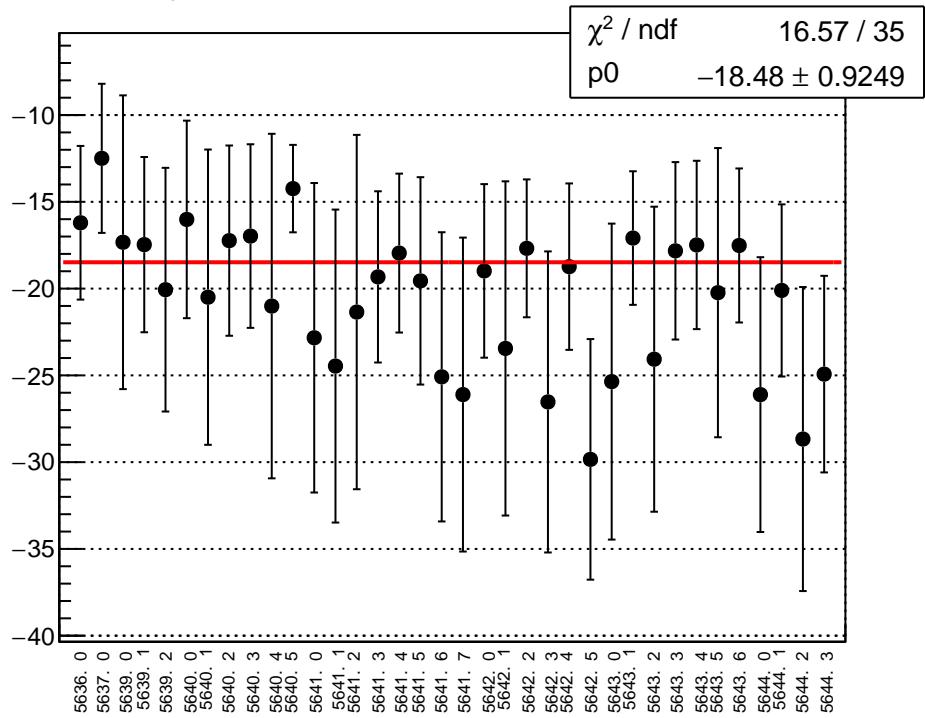
# reg\_asym\_sam7\_diff\_bpm4aY\_slope vs run



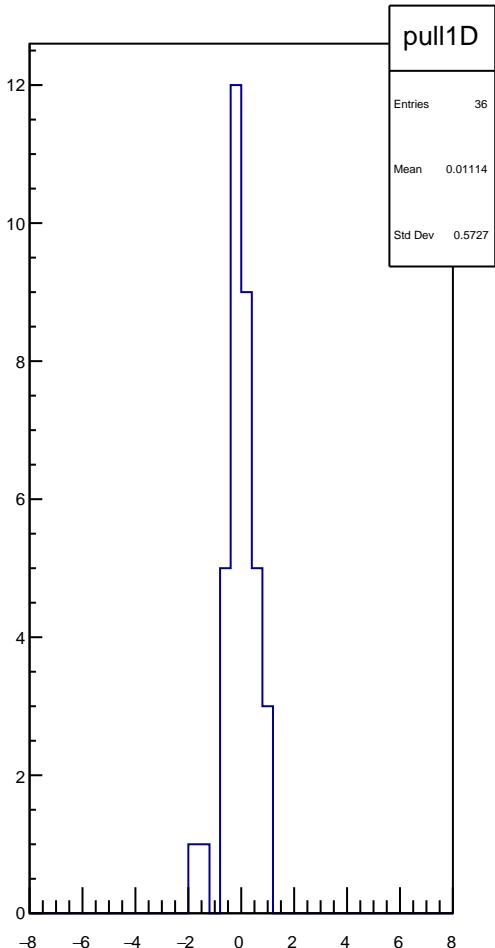
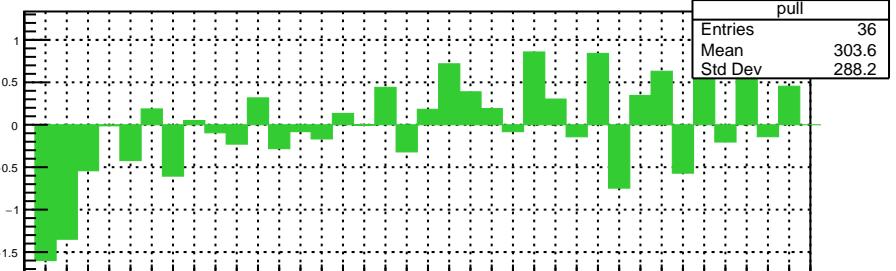
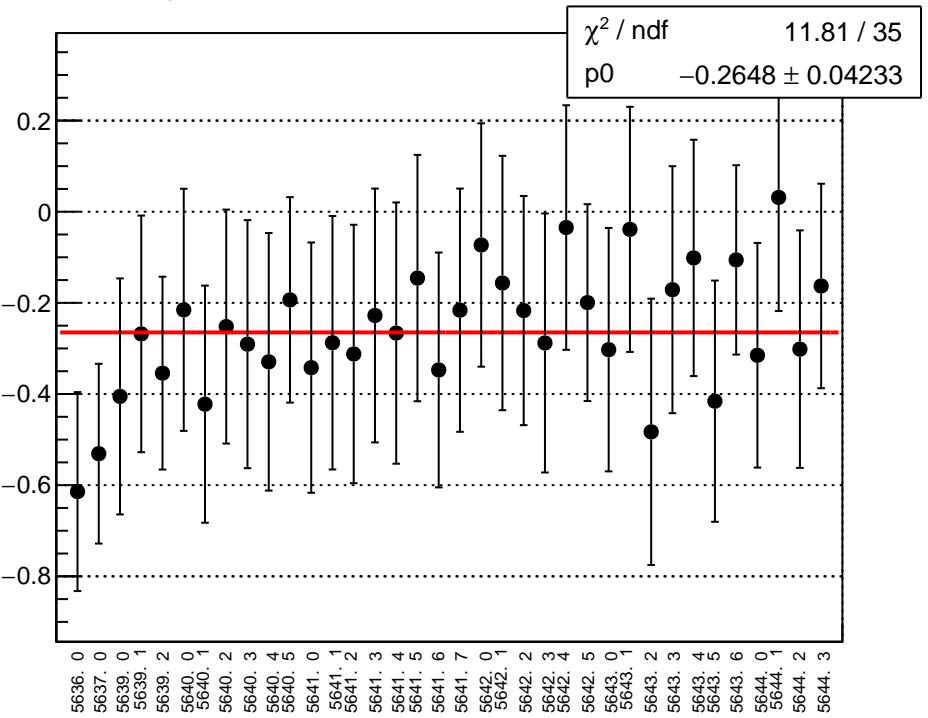
# reg\_asym\_sam7\_diff\_bpm4eX\_slope vs run



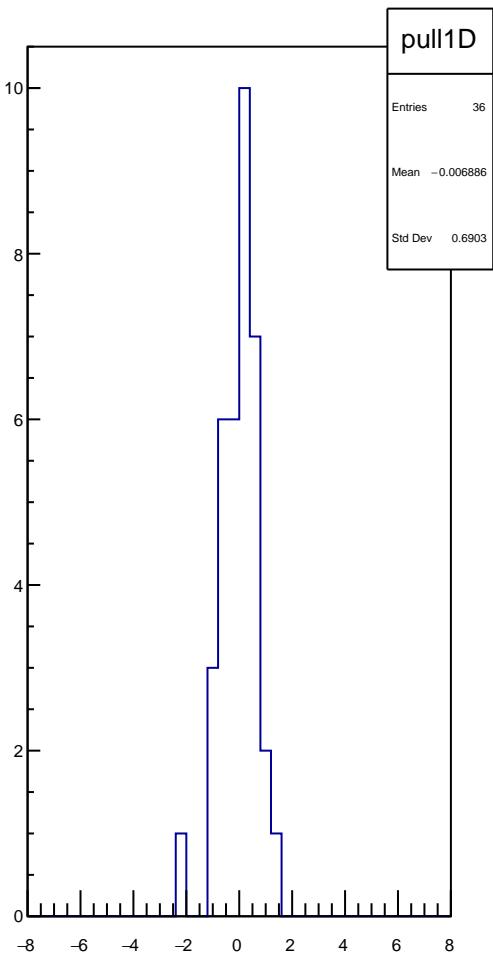
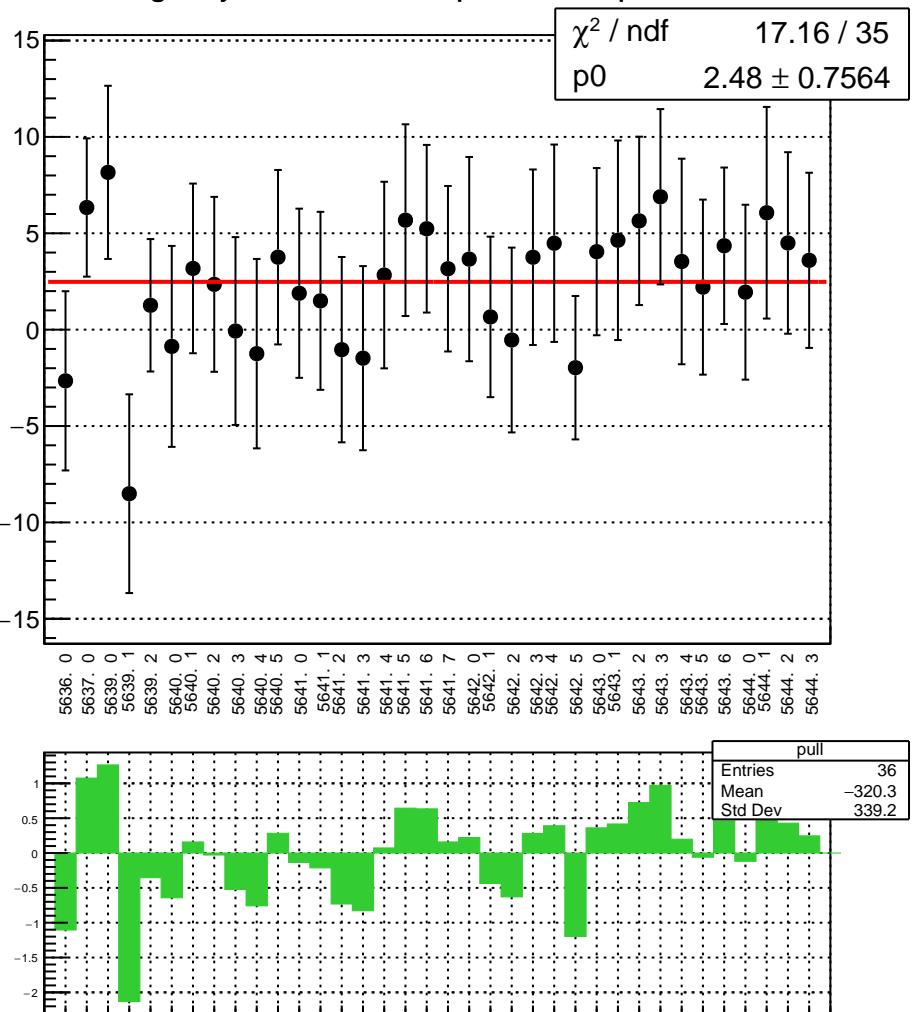
# reg\_asym\_sam7\_diff\_bpm4eY\_slope vs run



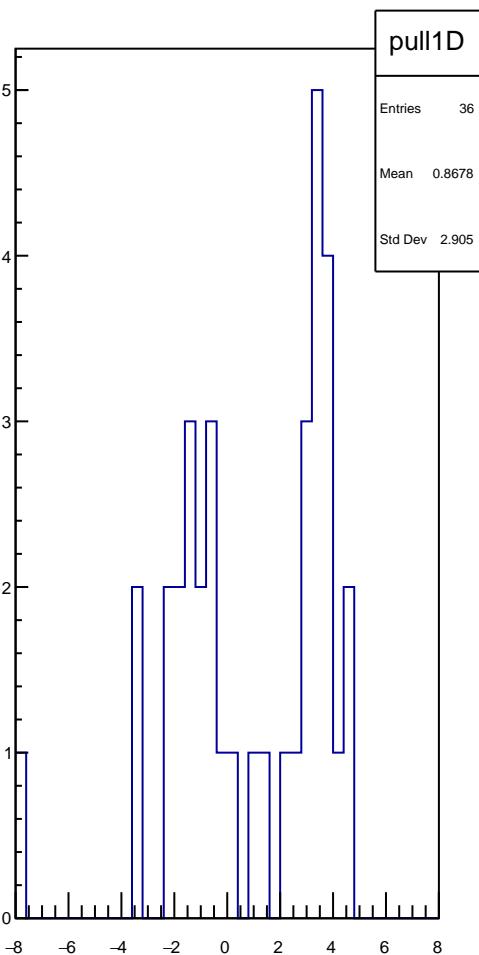
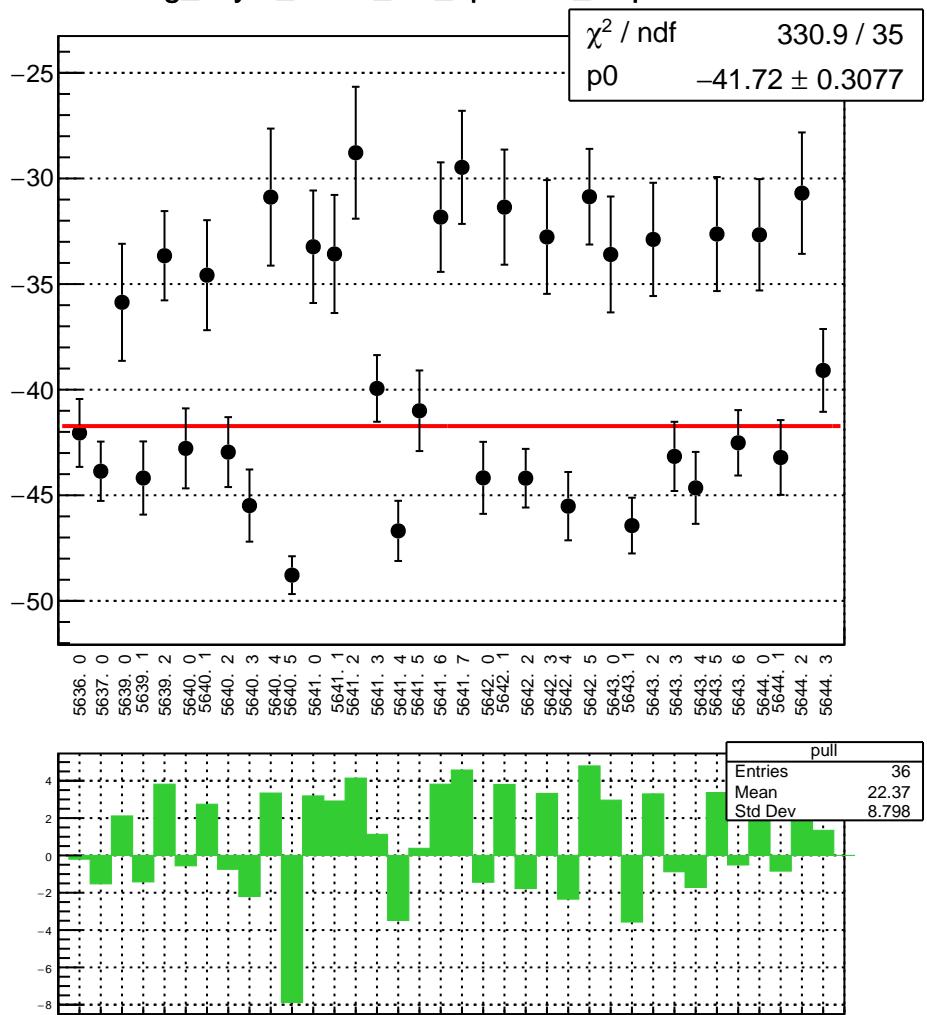
# reg\_asym\_sam7\_diff\_bpm12X\_slope vs run



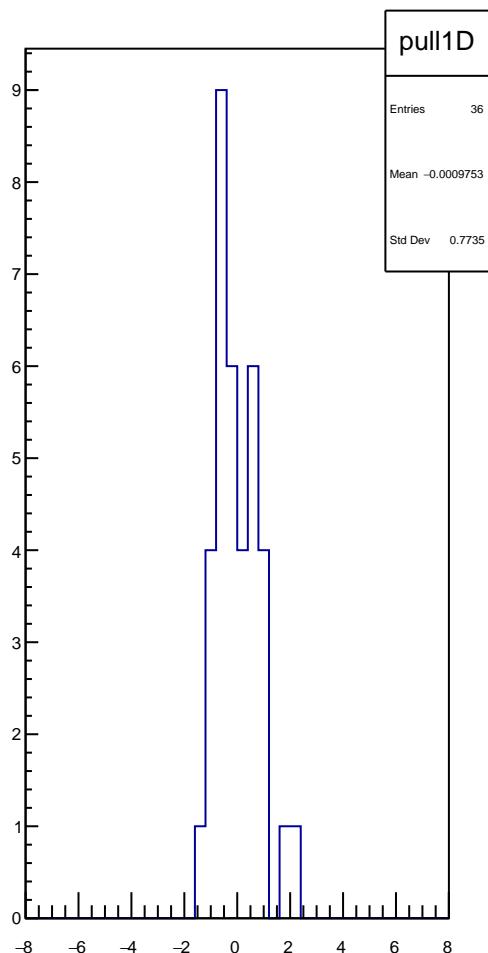
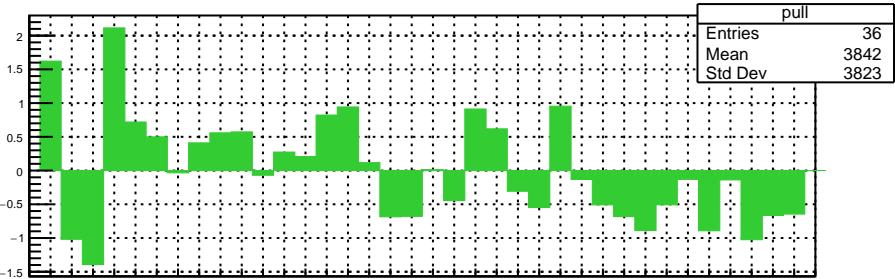
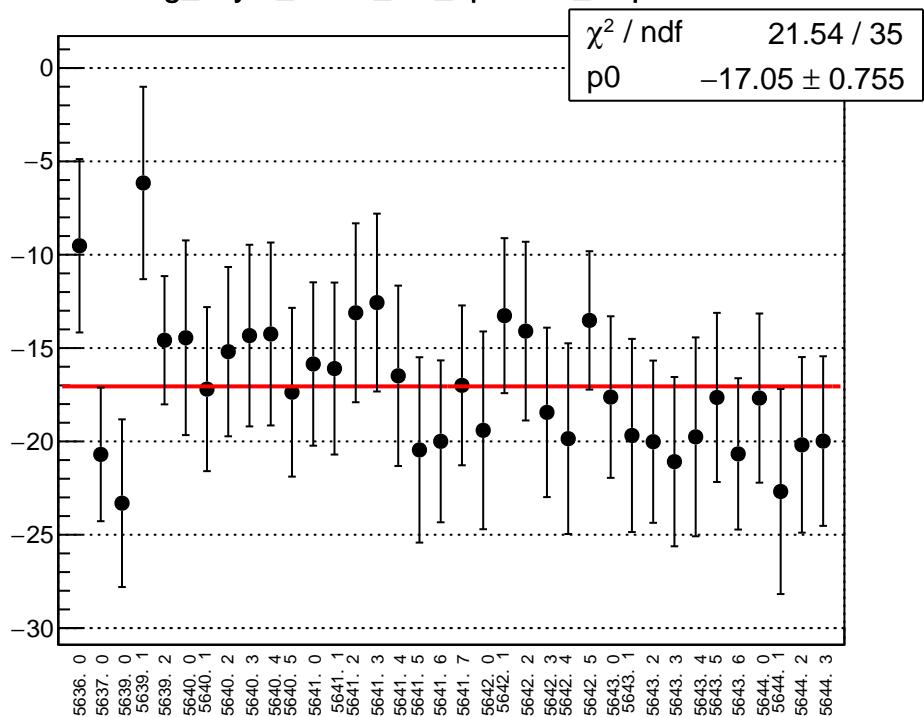
# reg\_asym\_sam8\_diff\_bpm4aX\_slope vs run



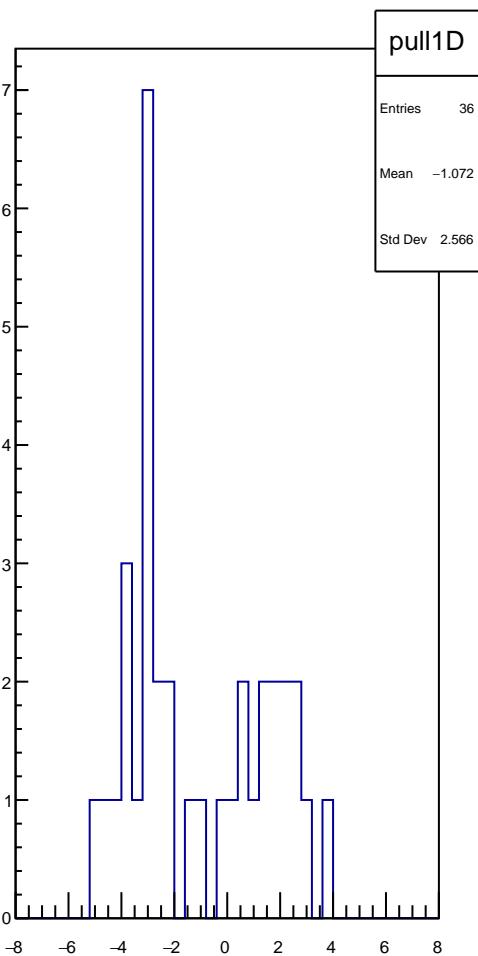
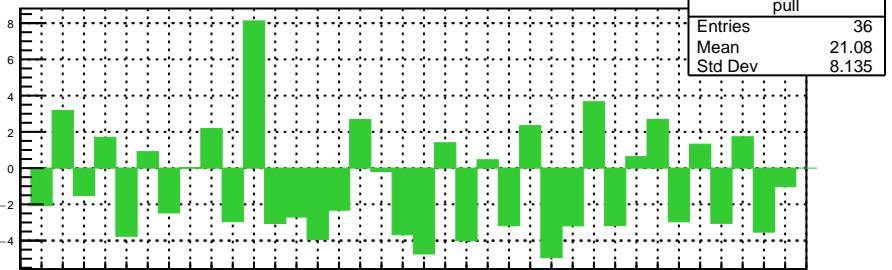
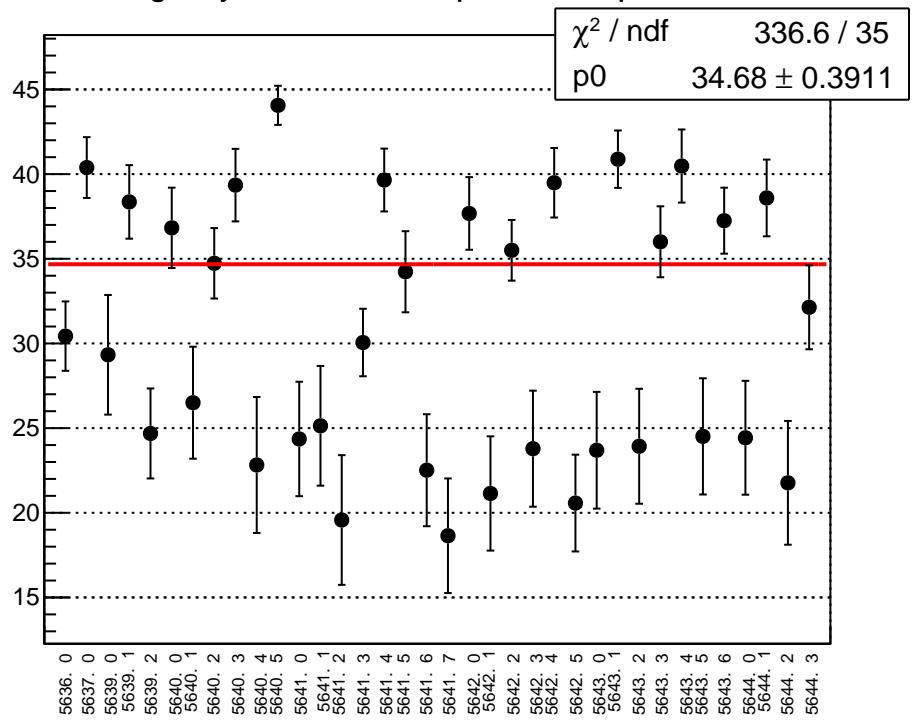
# reg\_asym\_sam8\_diff\_bpm4aY\_slope vs run



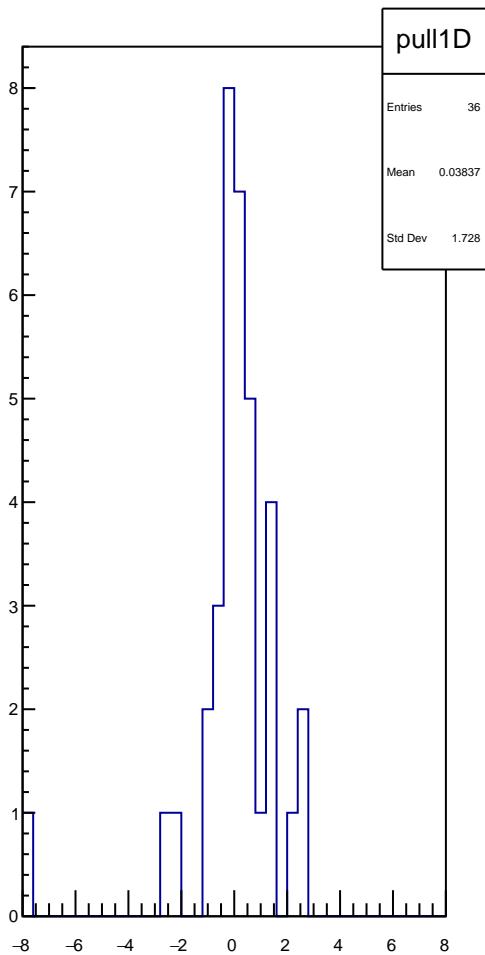
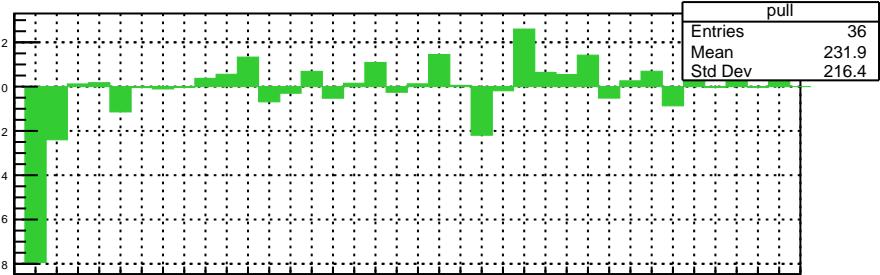
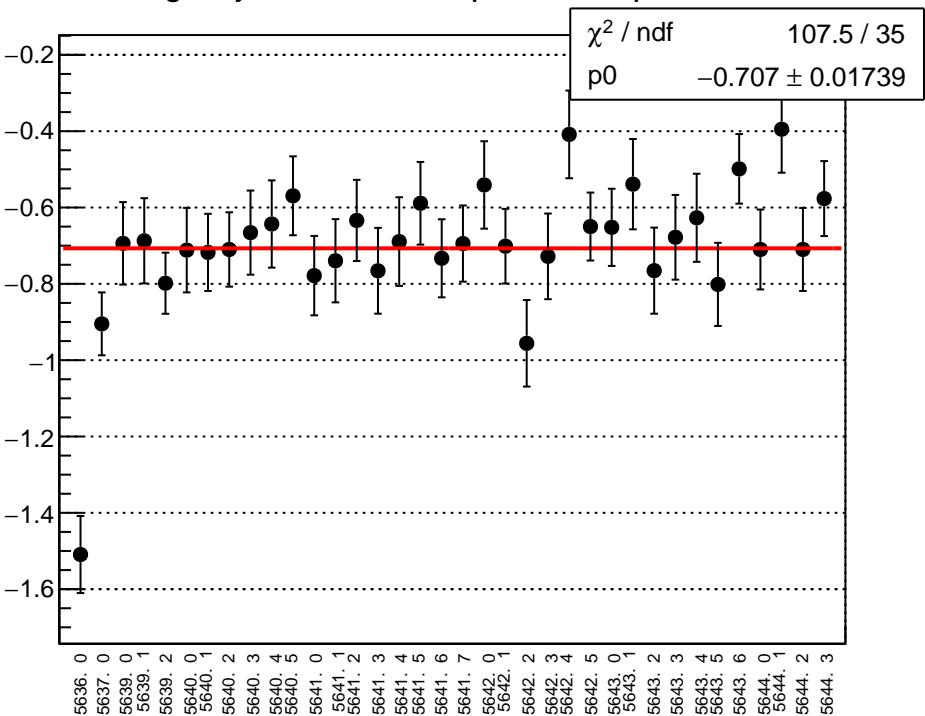
# reg\_asym\_sam8\_diff\_bpm4eX\_slope vs run



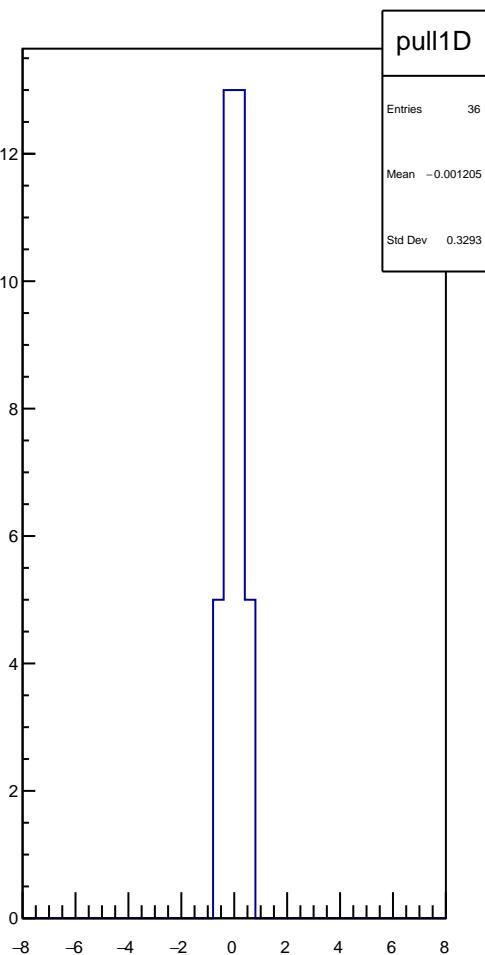
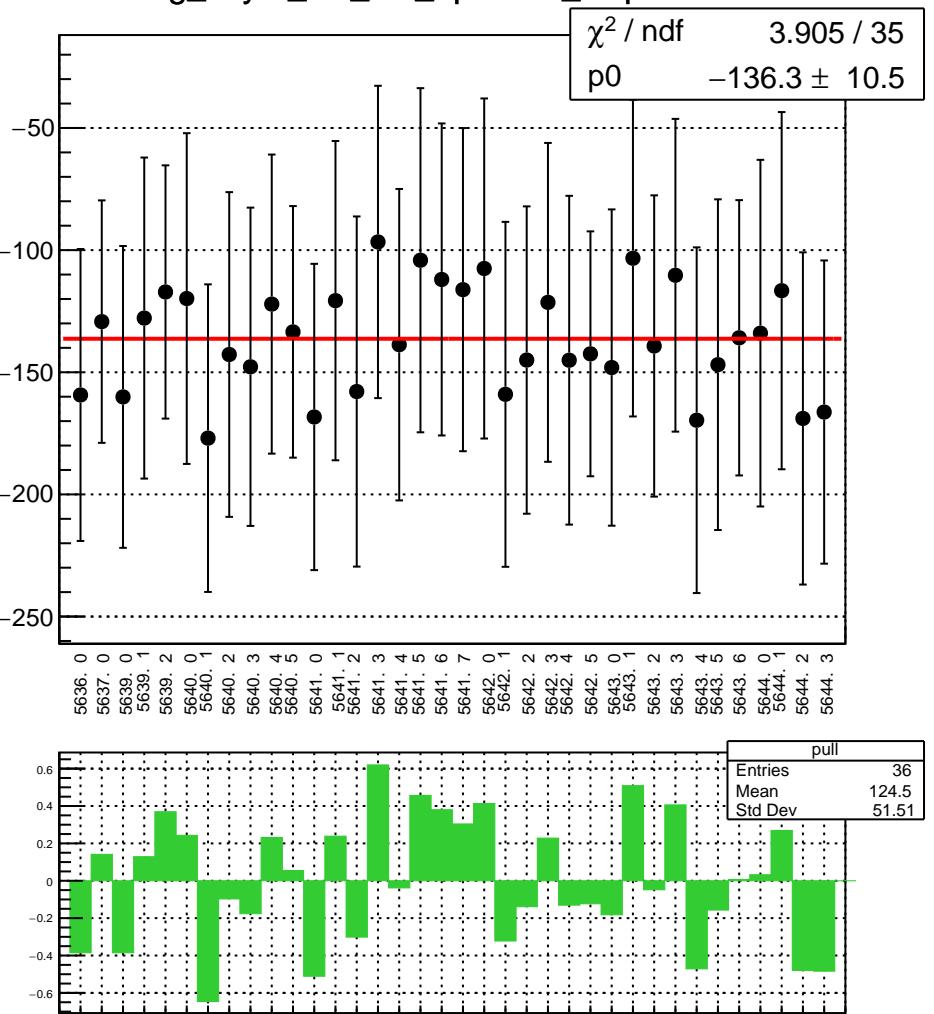
# reg\_asym\_sam8\_diff\_bpm4eY\_slope vs run



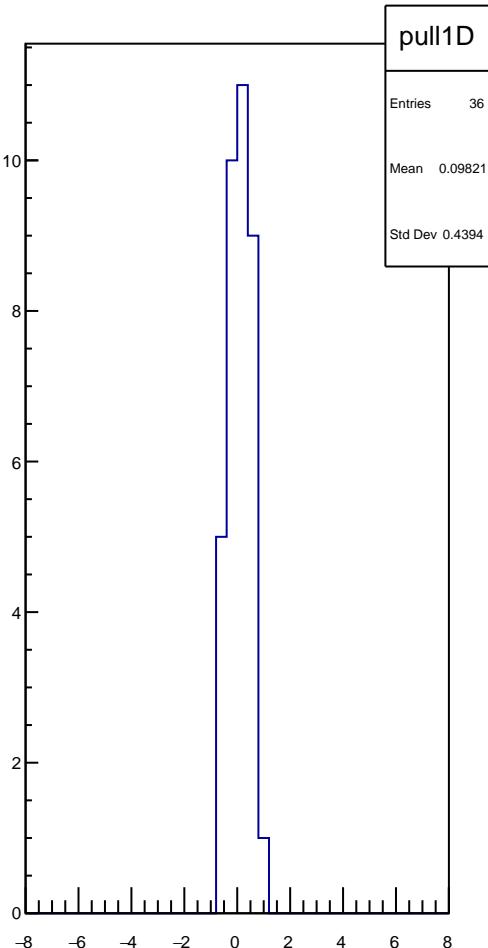
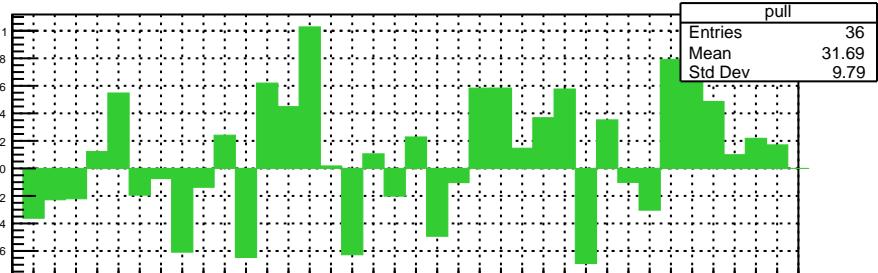
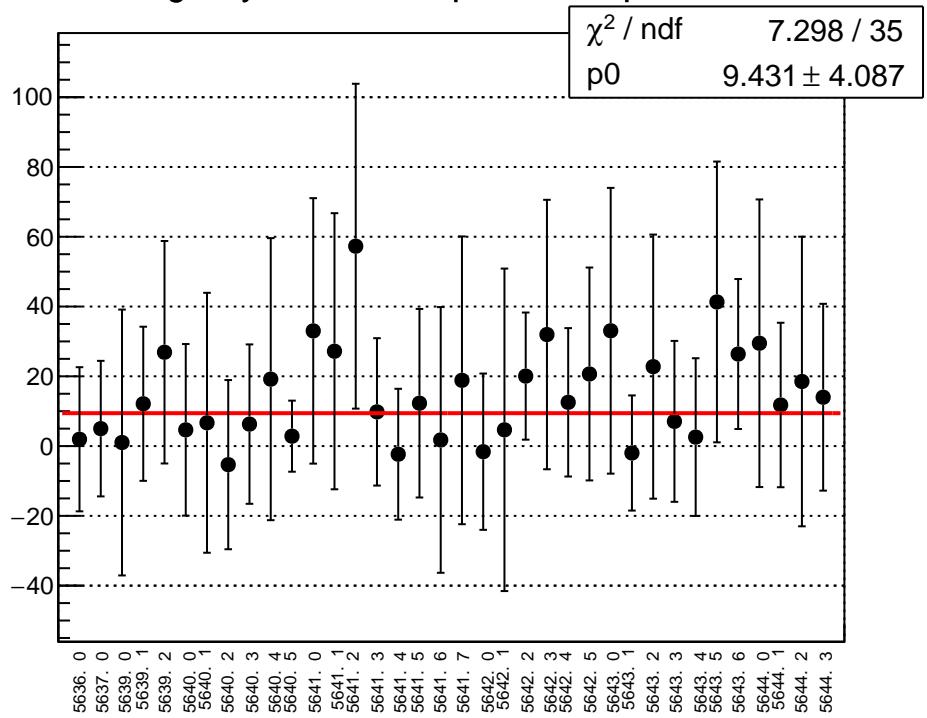
# reg\_asym\_sam8\_diff\_bpm12X\_slope vs run



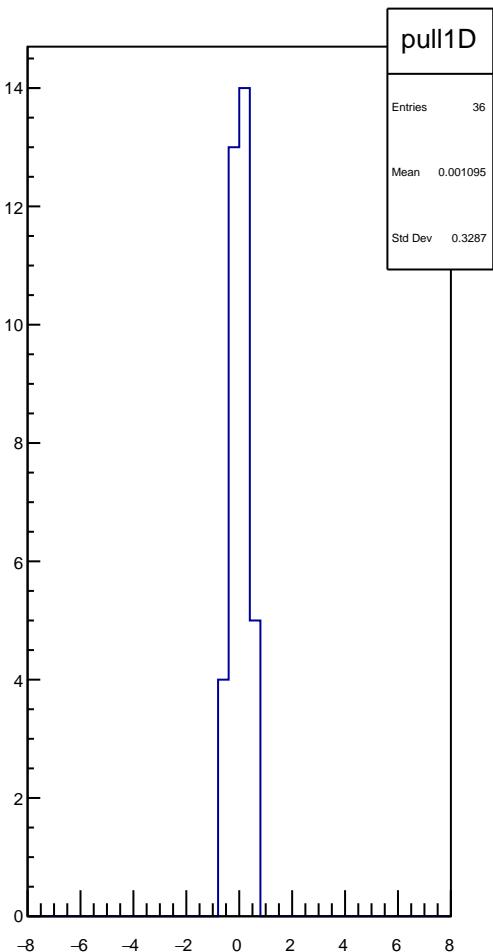
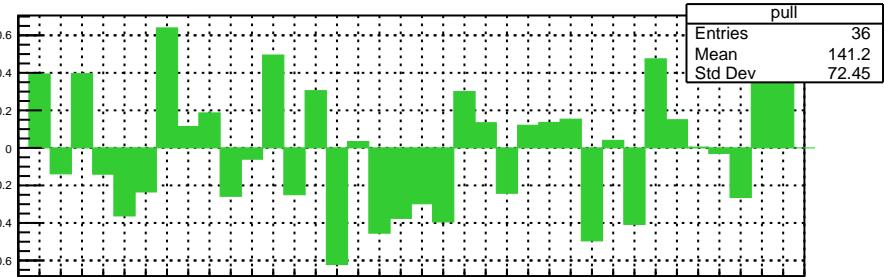
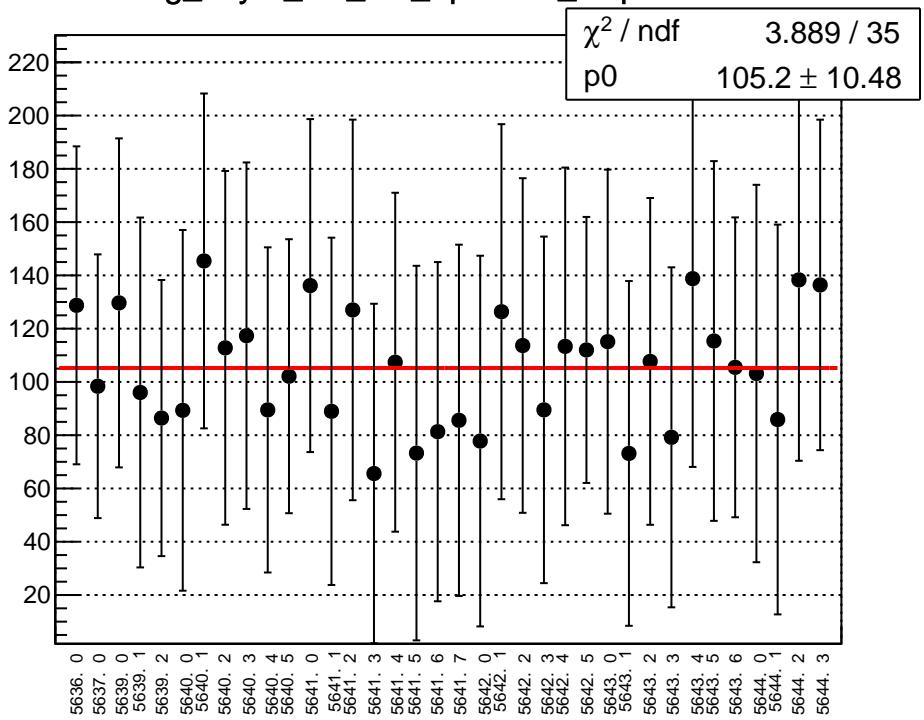
# reg\_asym\_usl\_diff\_bpm4aX\_slope vs run



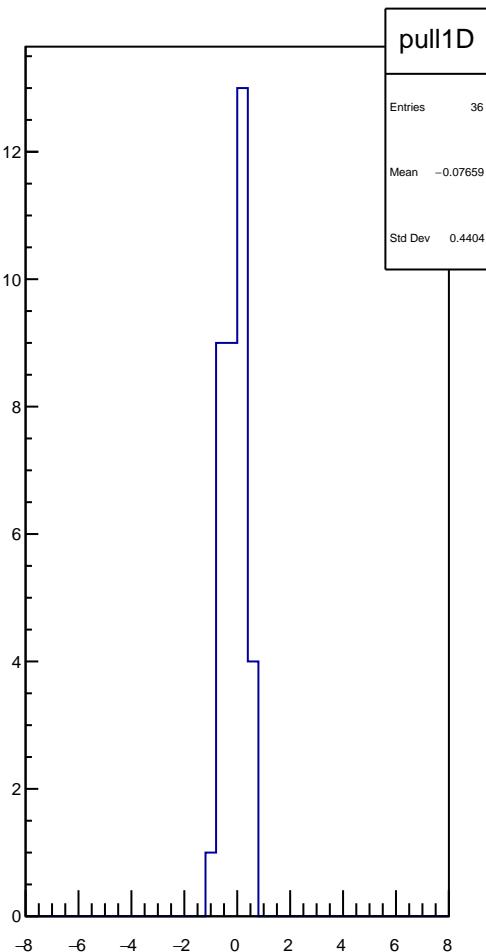
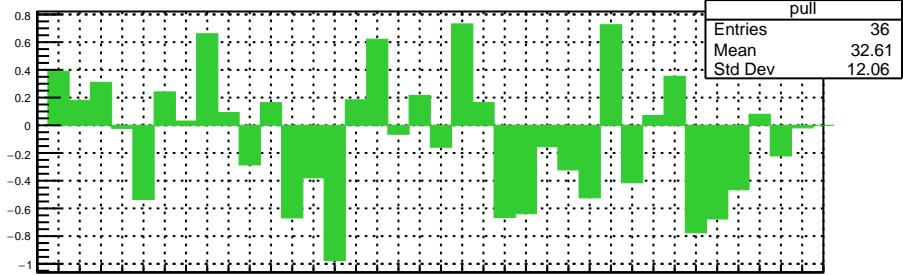
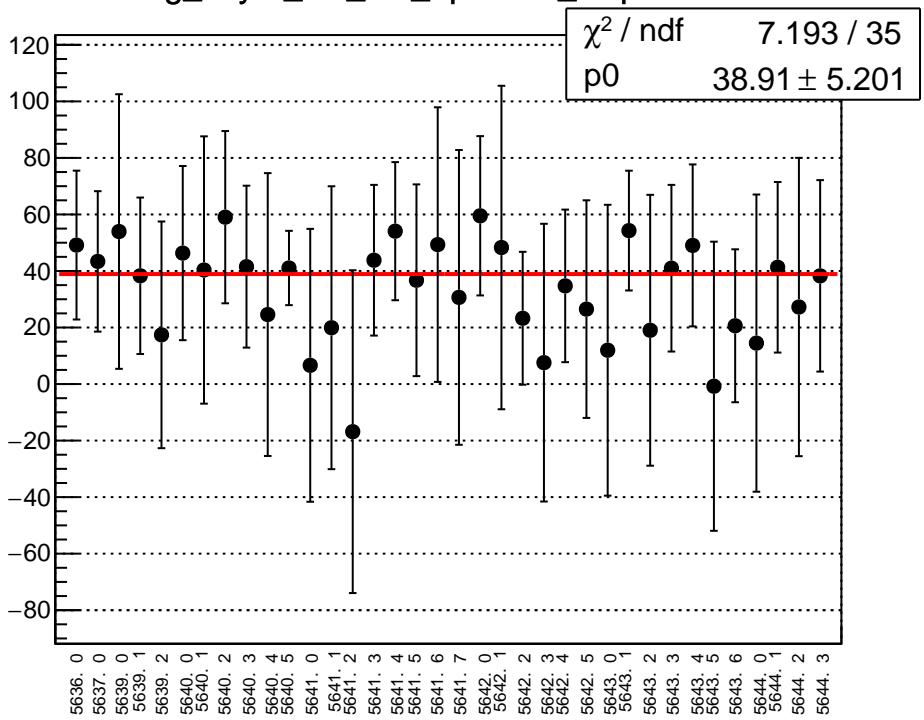
# reg\_asym\_usl\_diff\_bpm4aY\_slope vs run



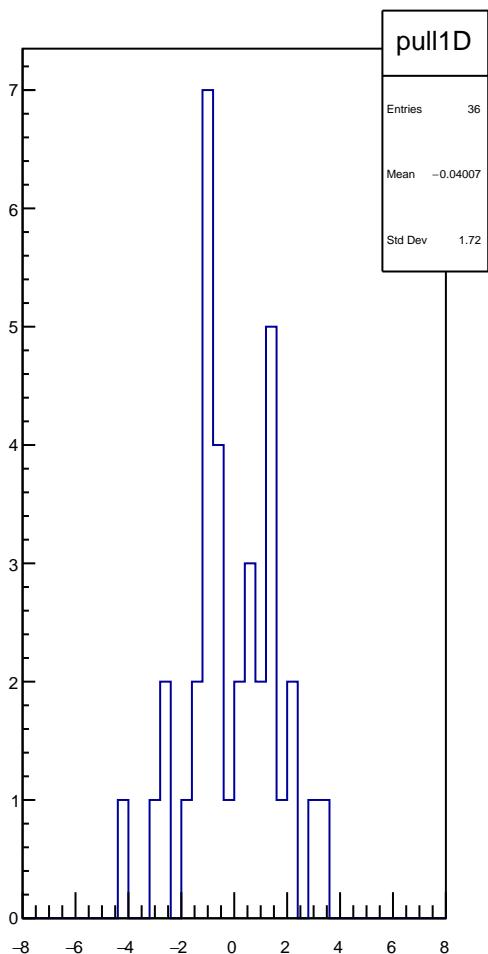
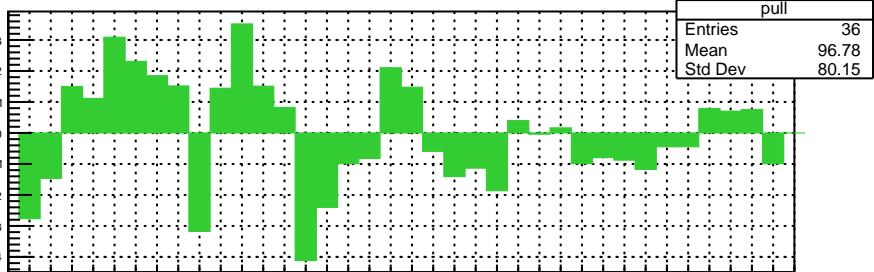
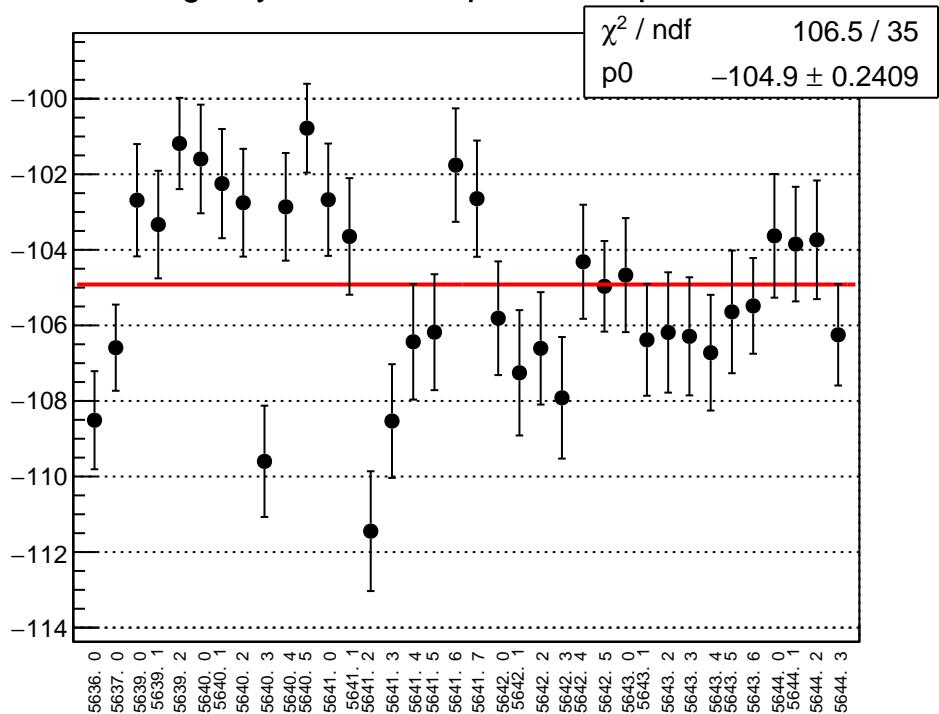
# reg\_asym\_usl\_diff\_bpm4eX\_slope vs run



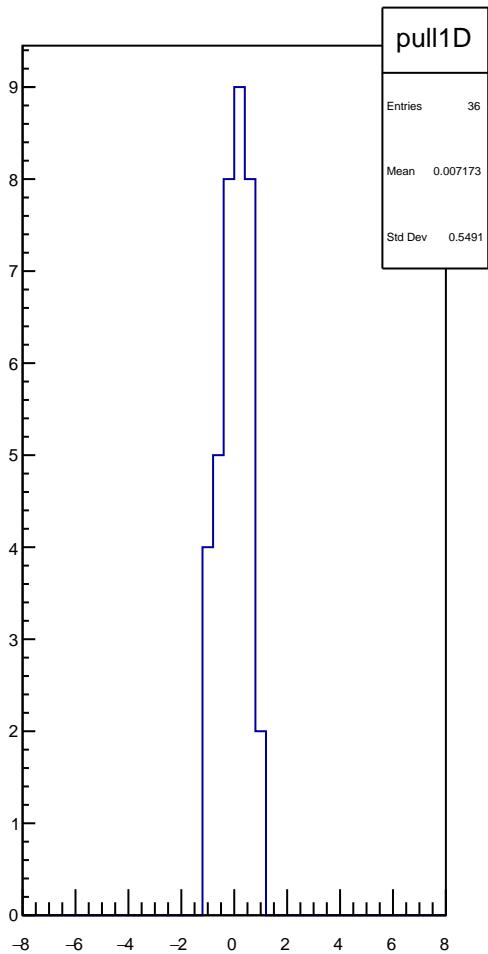
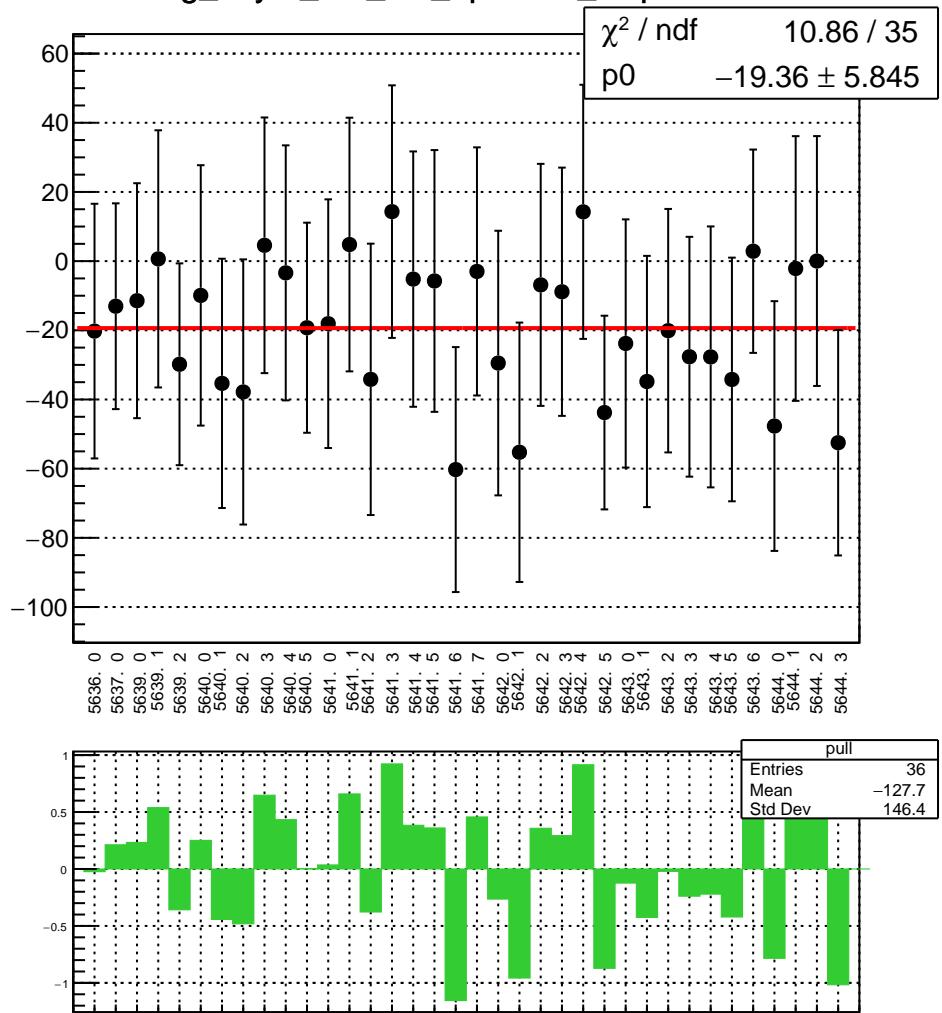
# reg\_asym\_usl\_diff\_bpm4eY\_slope vs run



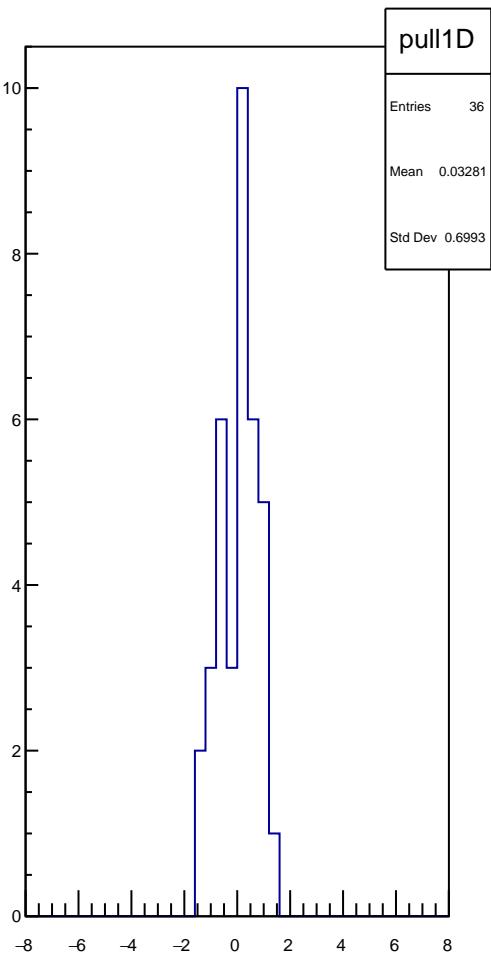
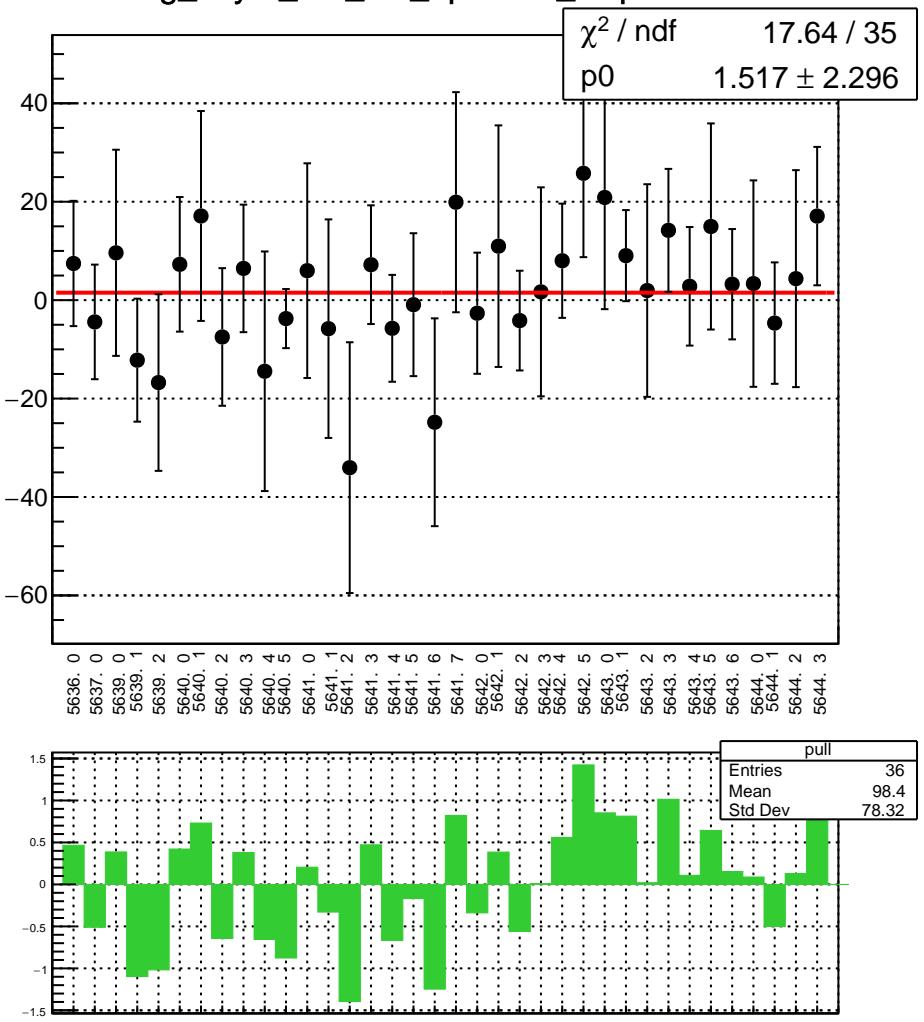
# reg\_asym\_usl\_diff\_bpm12X\_slope vs run



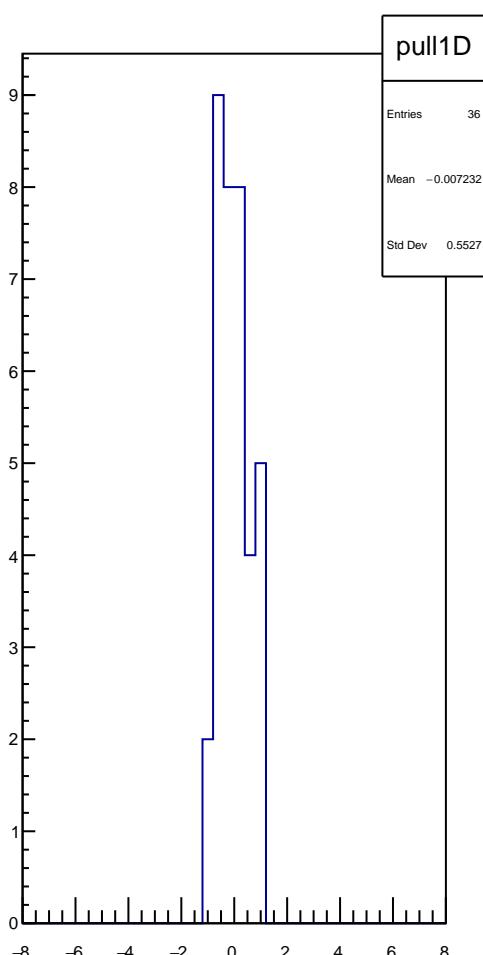
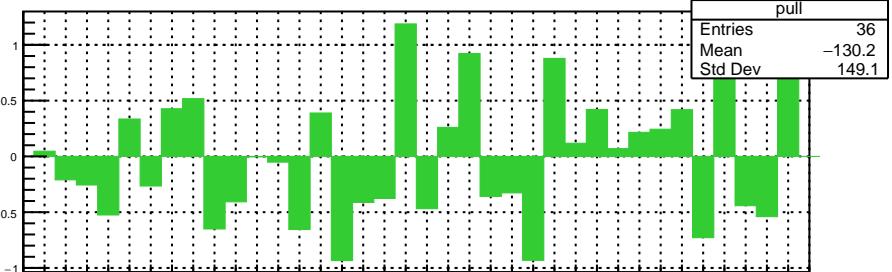
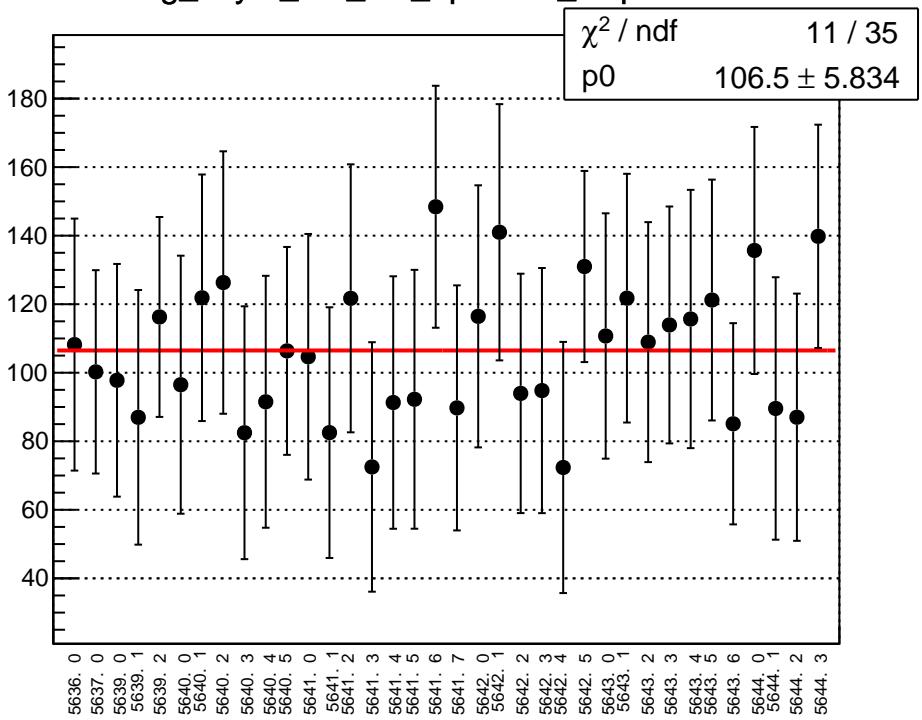
# reg\_asym\_usr\_diff\_bpm4aX\_slope vs run



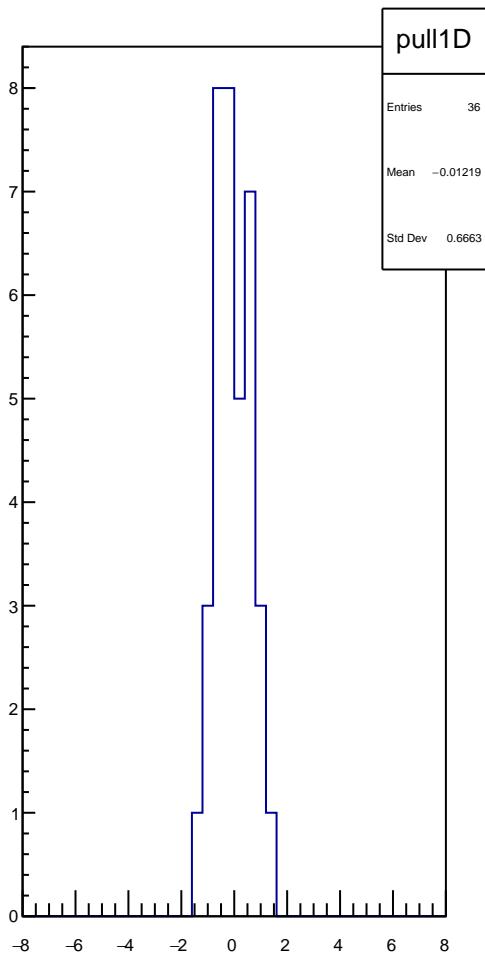
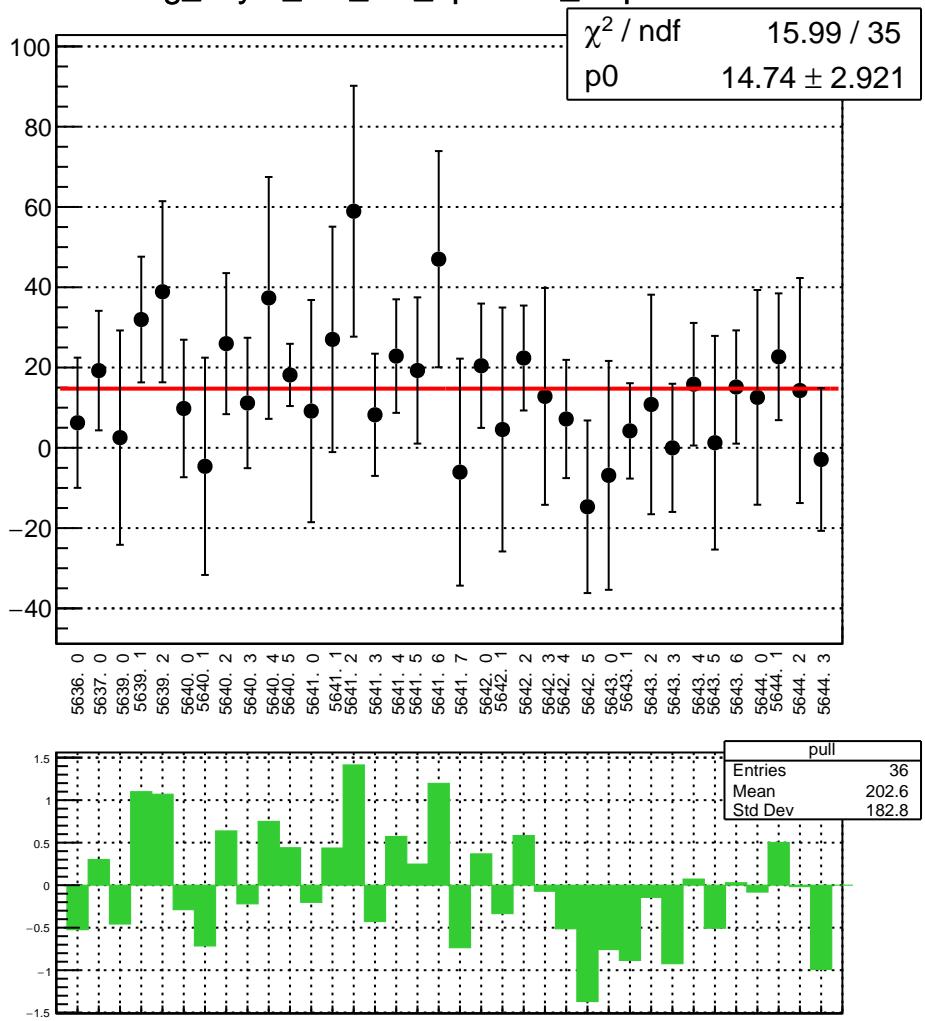
# reg\_asym\_usr\_diff\_bpm4aY\_slope vs run



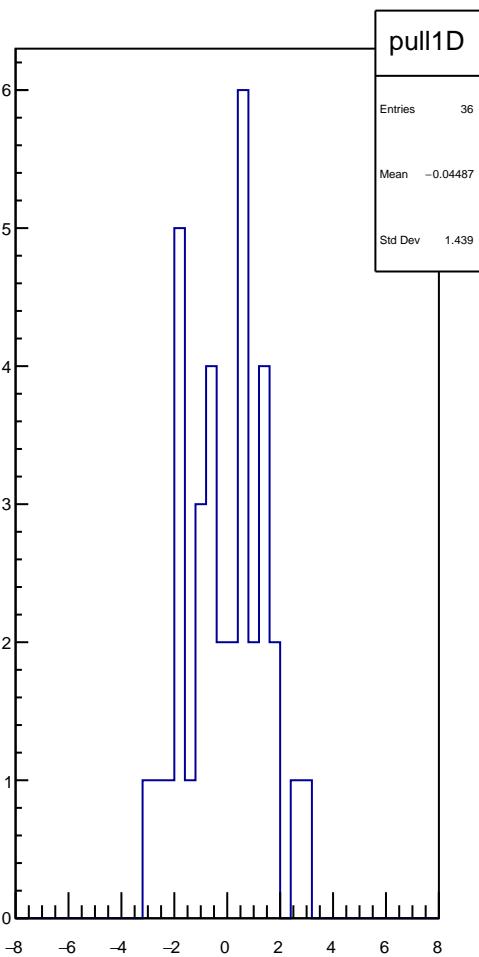
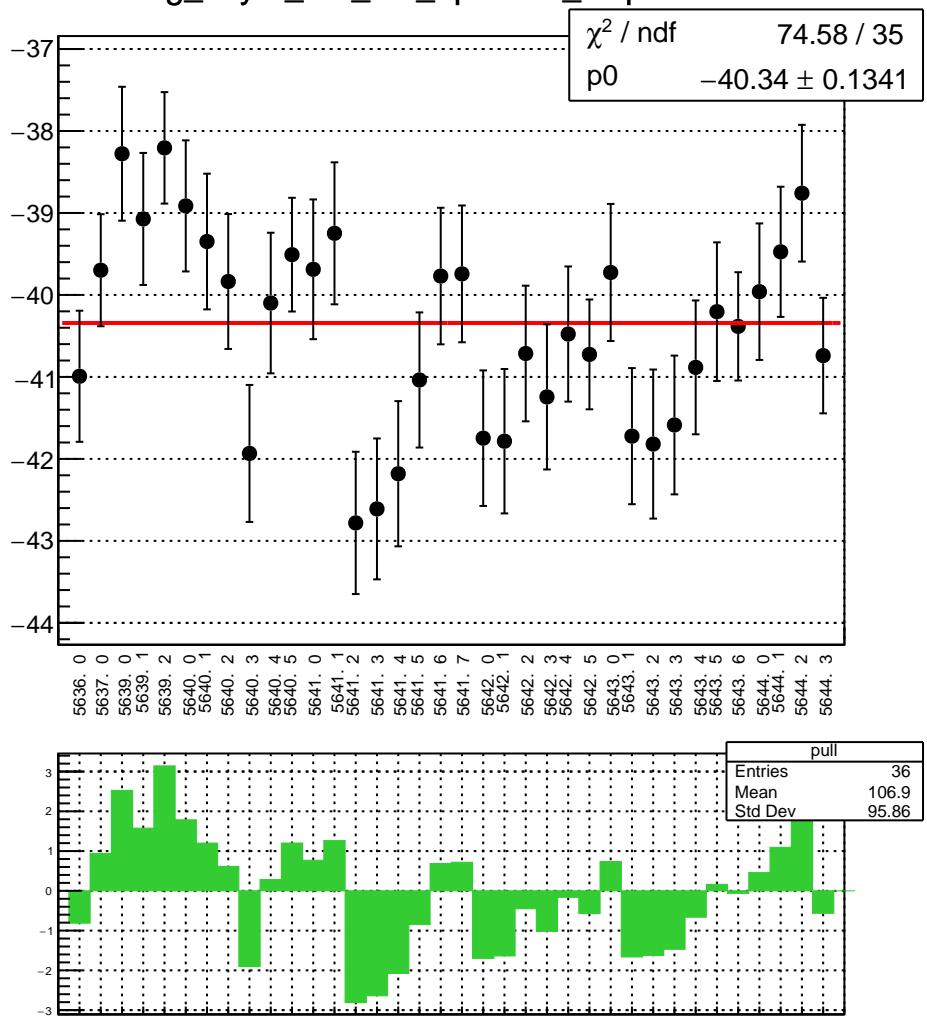
# reg\_asym\_usr\_diff\_bpm4eX\_slope vs run



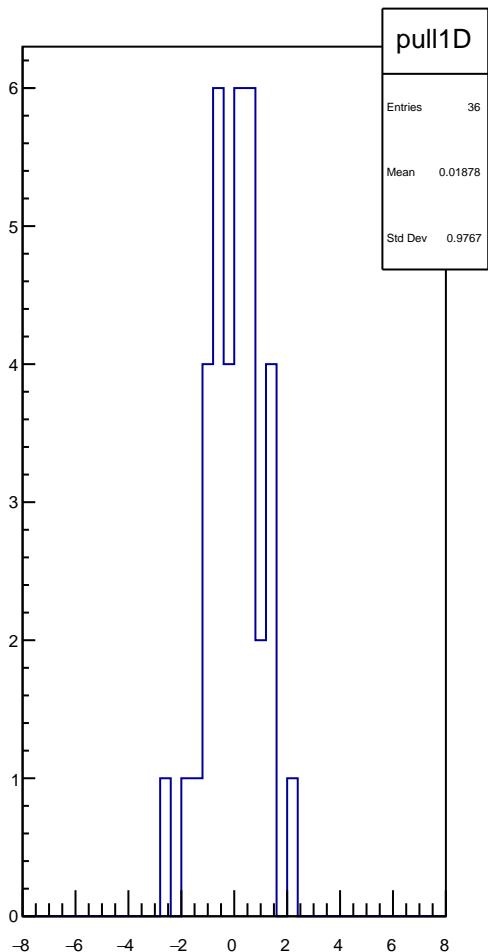
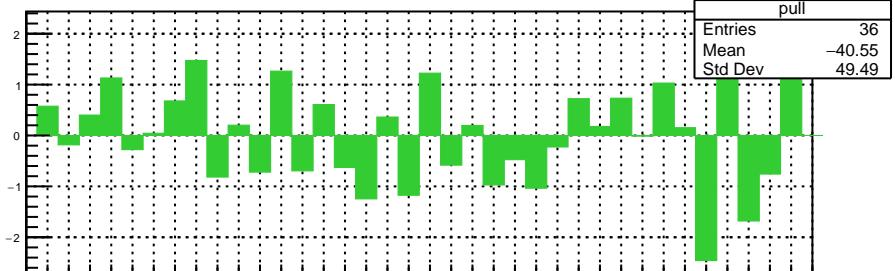
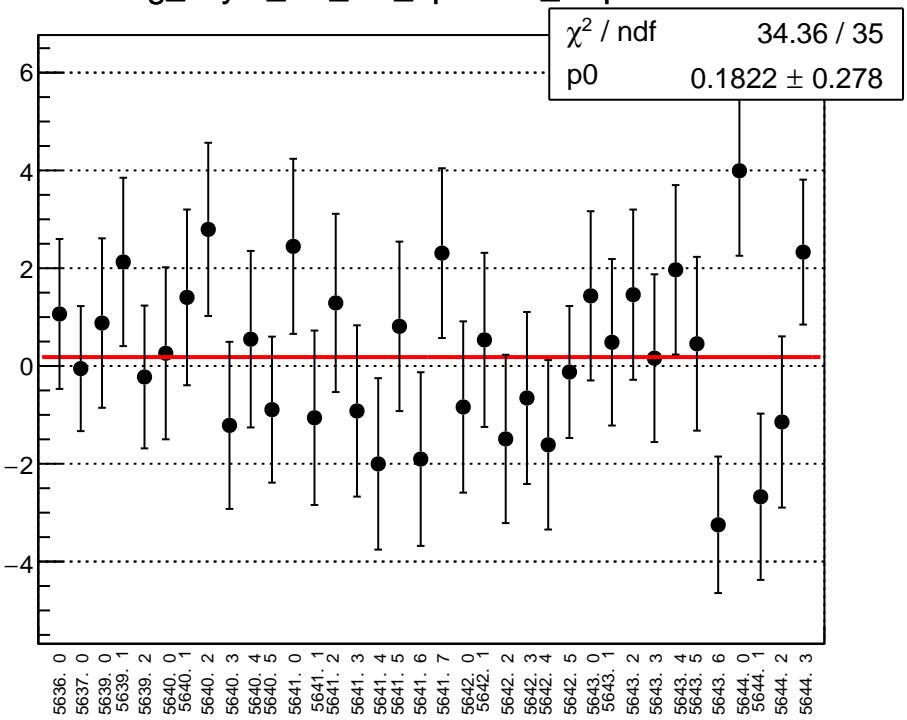
# reg\_asym\_usr\_diff\_bpm4eY\_slope vs run



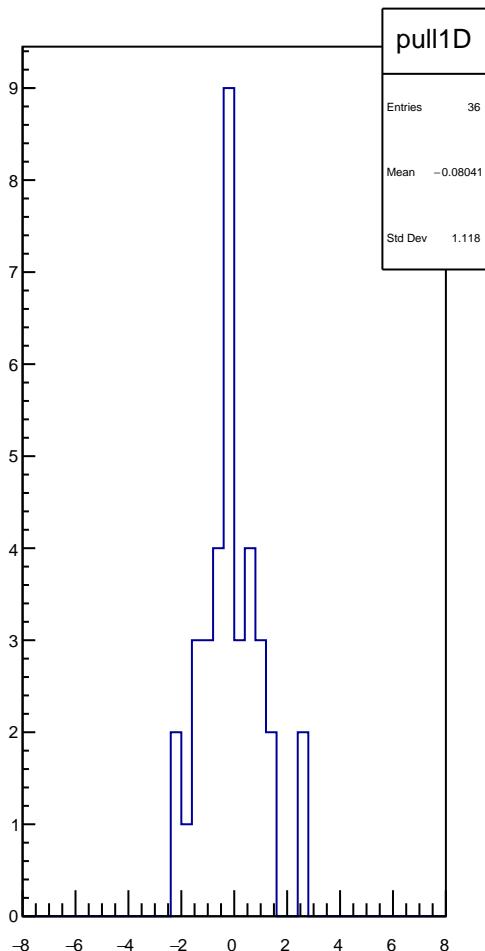
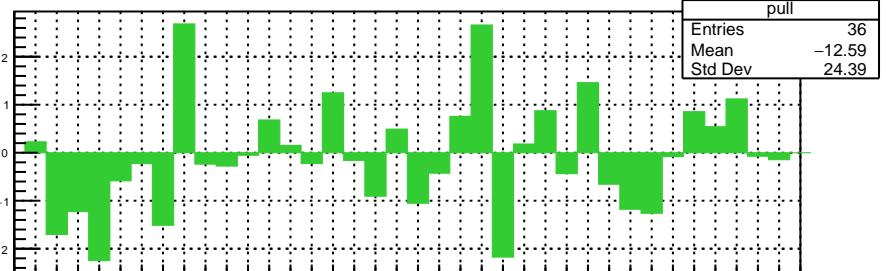
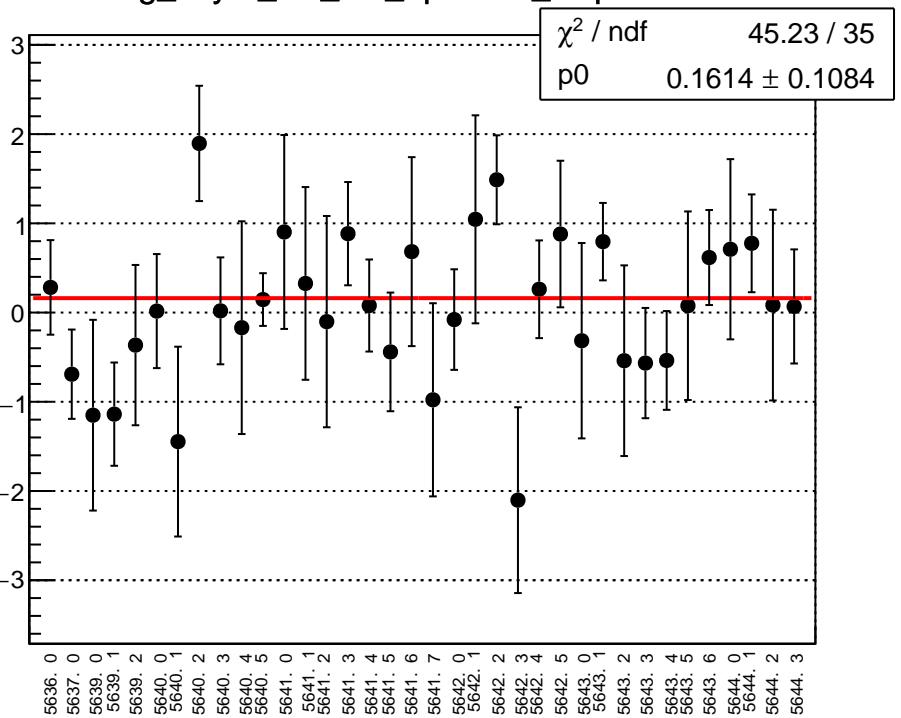
# reg\_asym\_usr\_diff\_bpm12X\_slope vs run



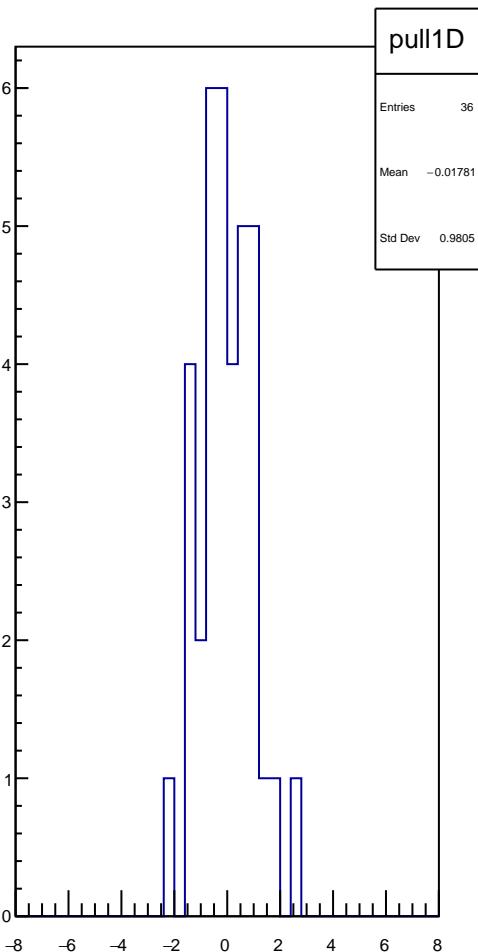
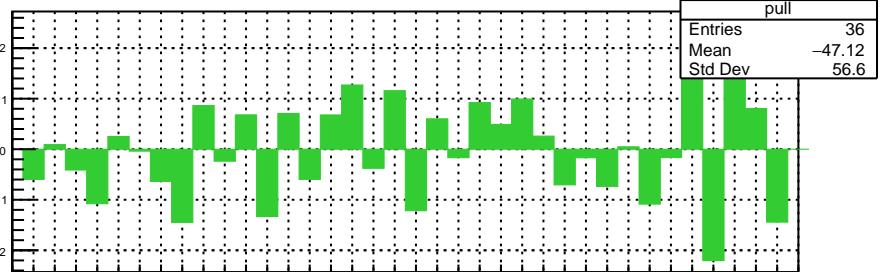
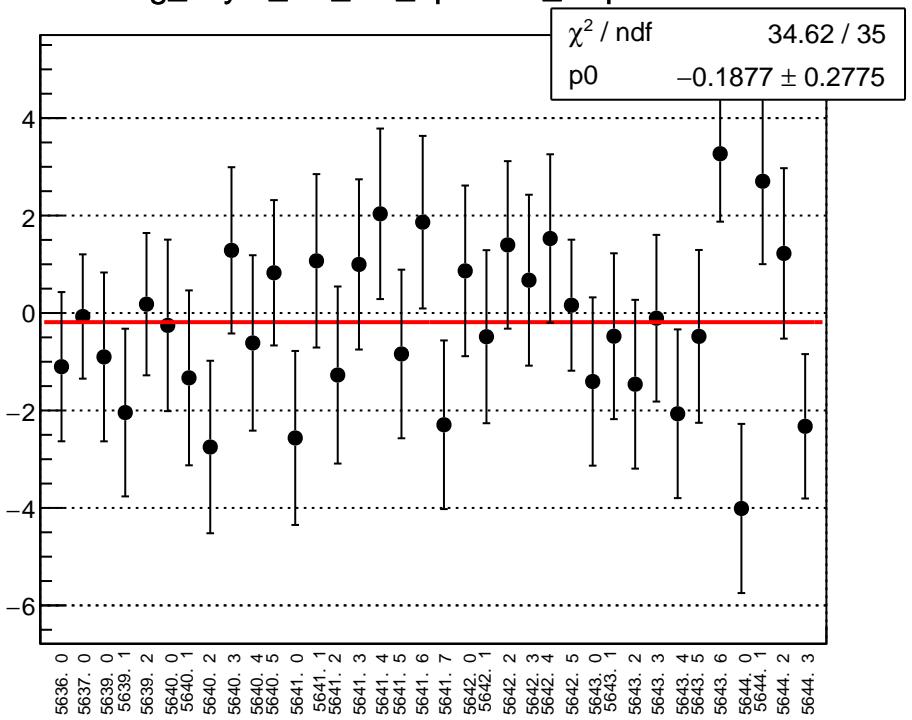
# reg\_asym\_dsl\_diff\_bpm4aX\_slope vs run



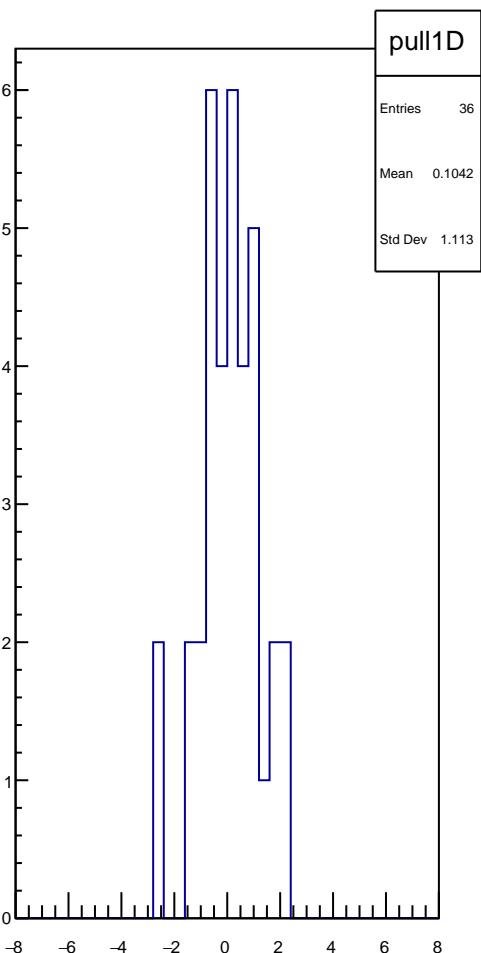
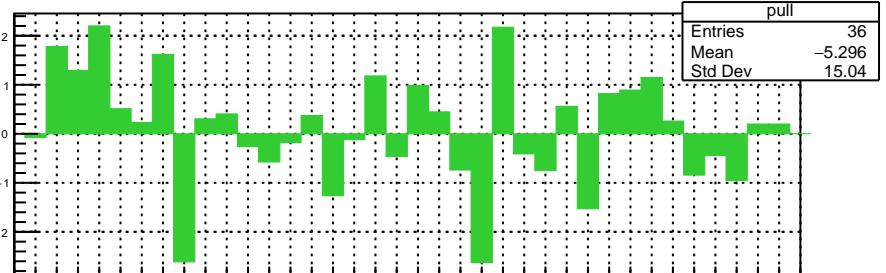
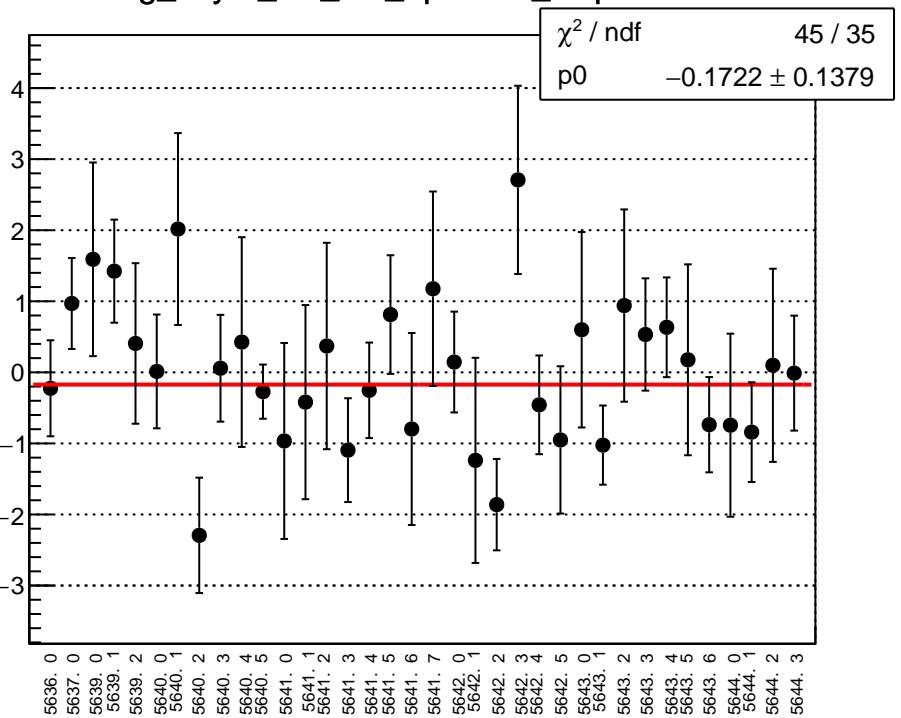
# reg\_asym\_dsl\_diff\_bpm4aY\_slope vs run



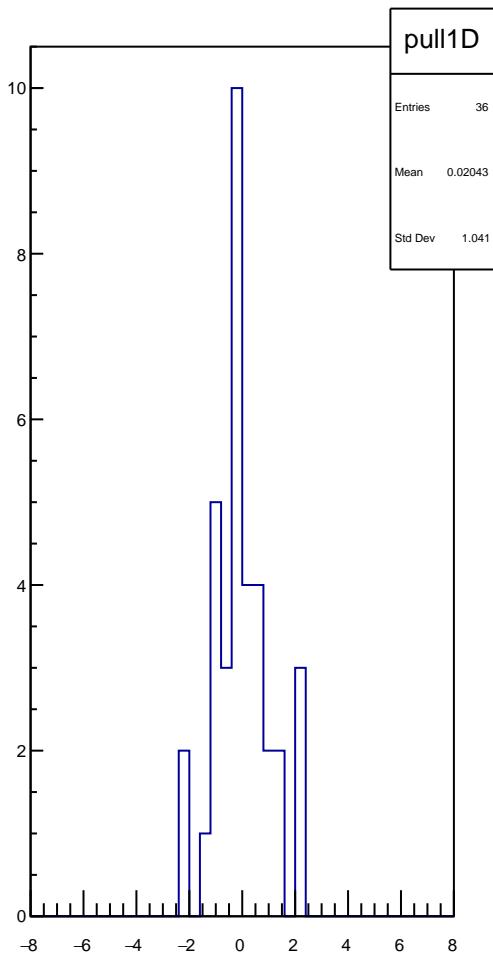
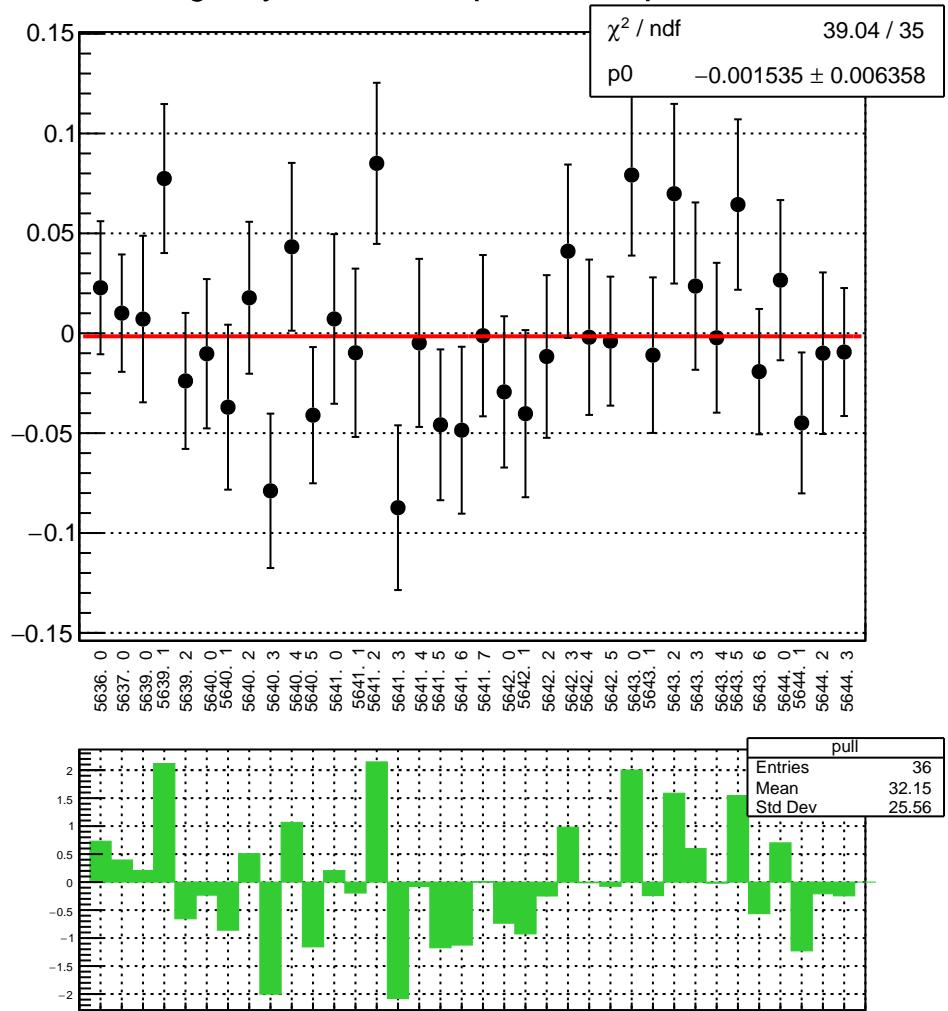
# reg\_asym\_dsl\_diff\_bpm4eX\_slope vs run



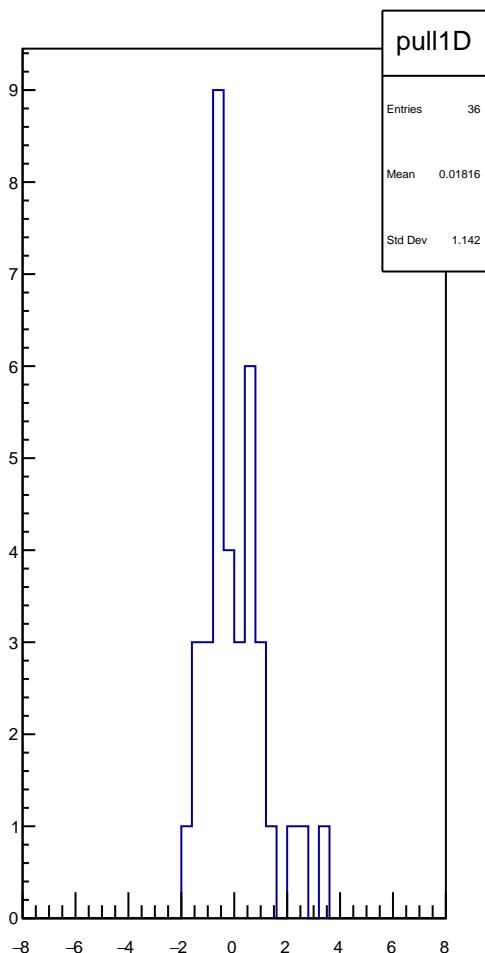
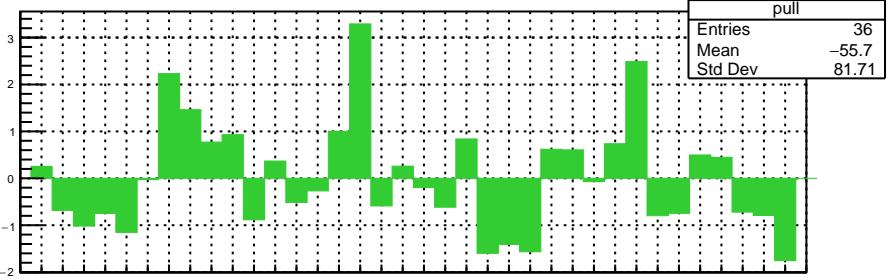
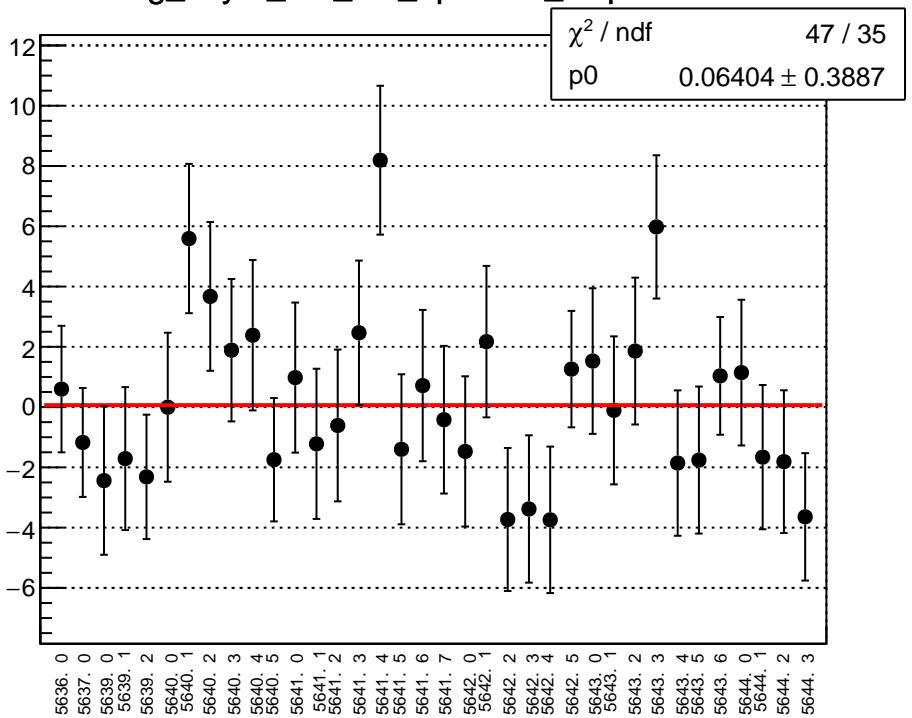
# reg\_asym\_dsl\_diff\_bpm4eY\_slope vs run



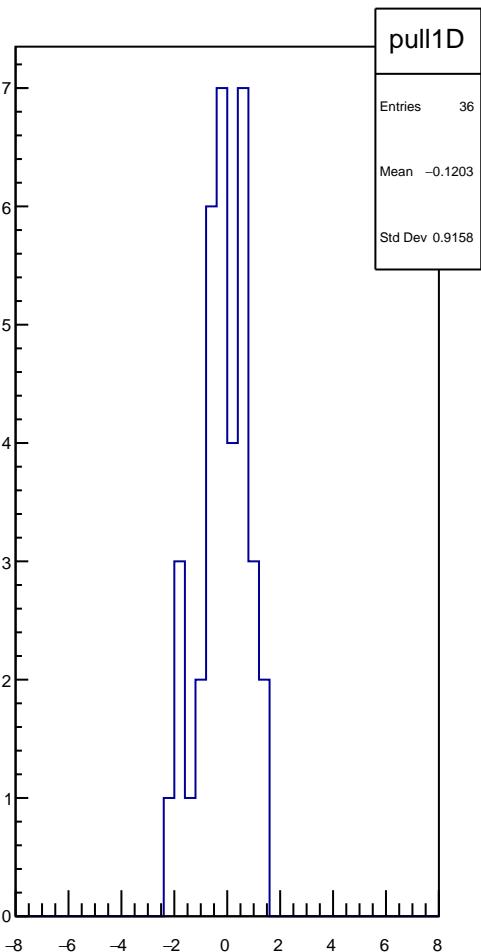
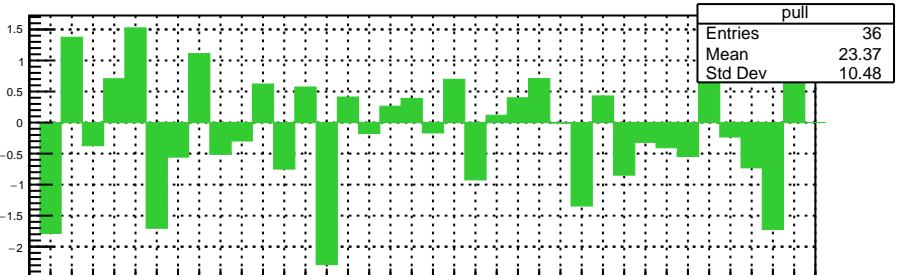
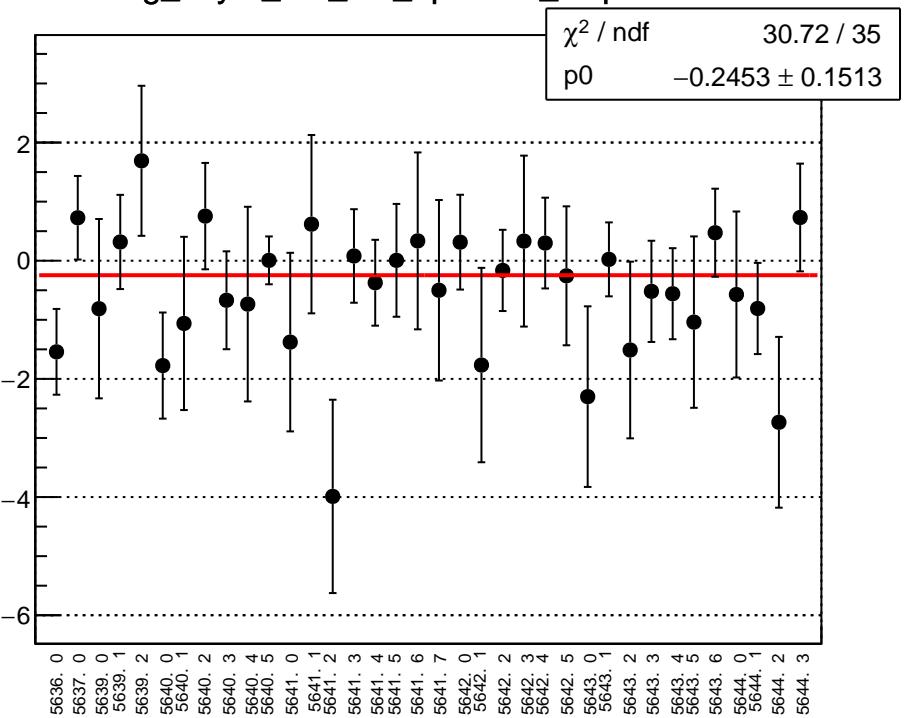
# reg\_asym\_dsl\_diff\_bpm12X\_slope vs run



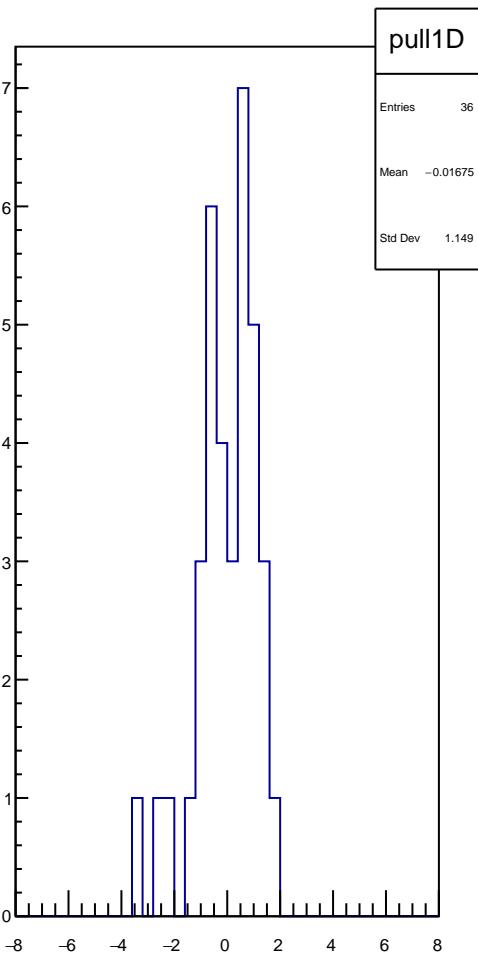
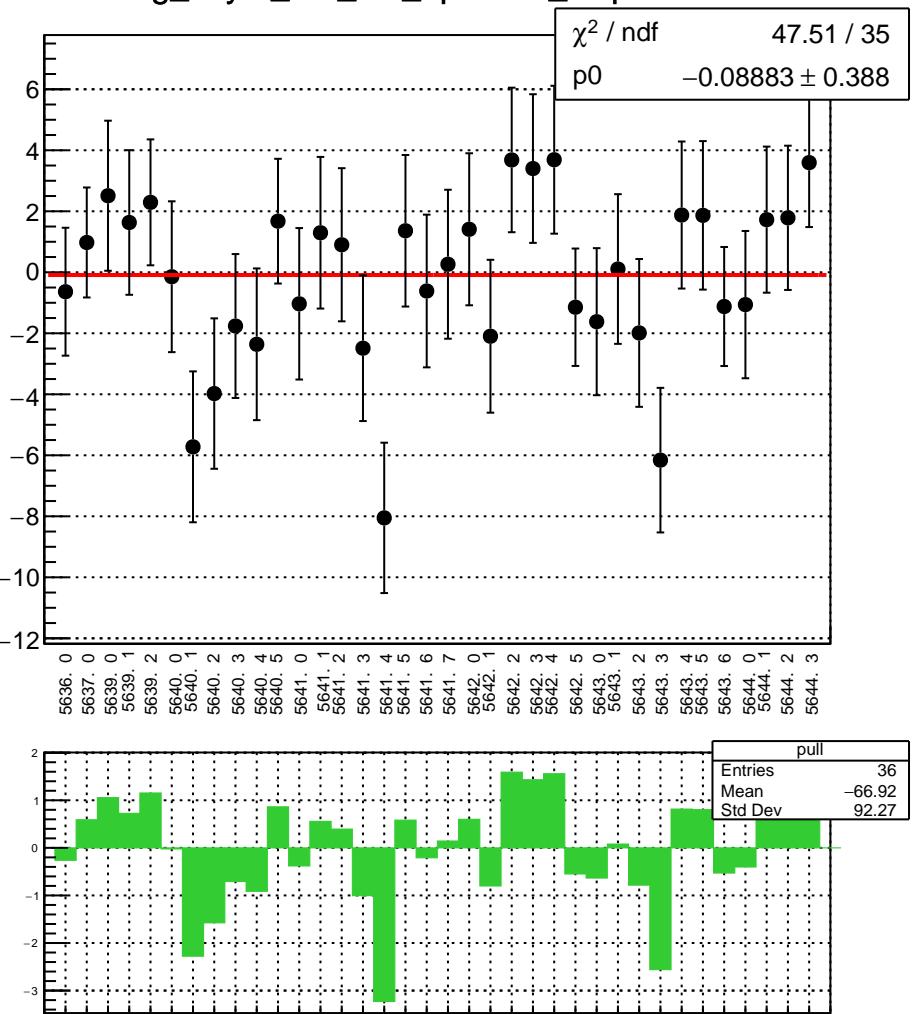
# reg\_asym\_dsr\_diff\_bpm4aX\_slope vs run



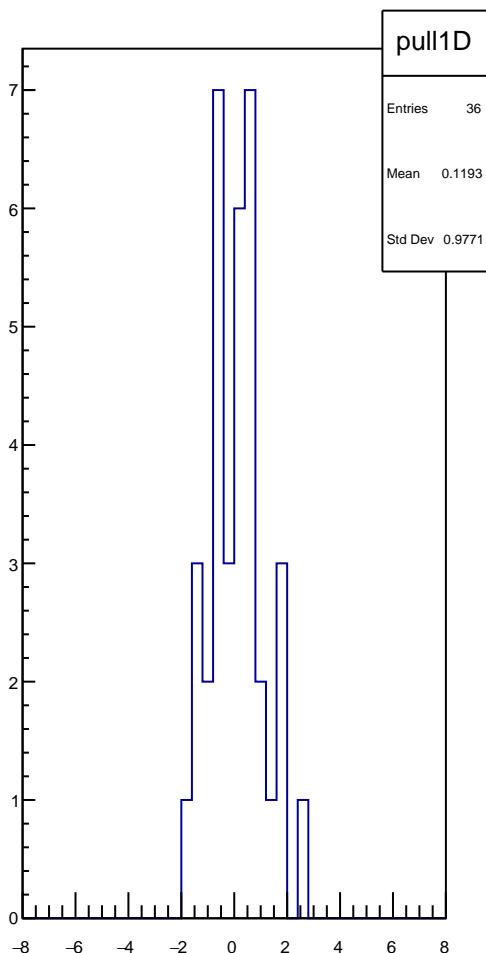
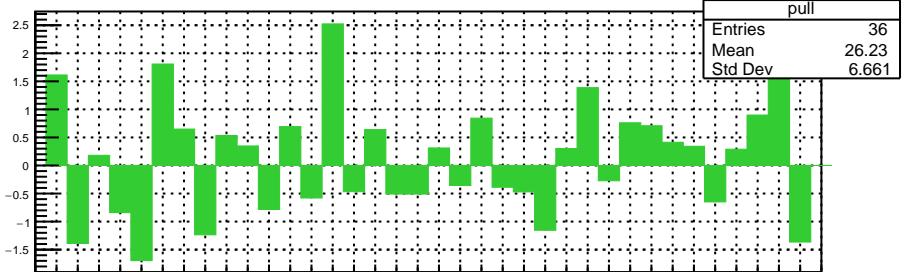
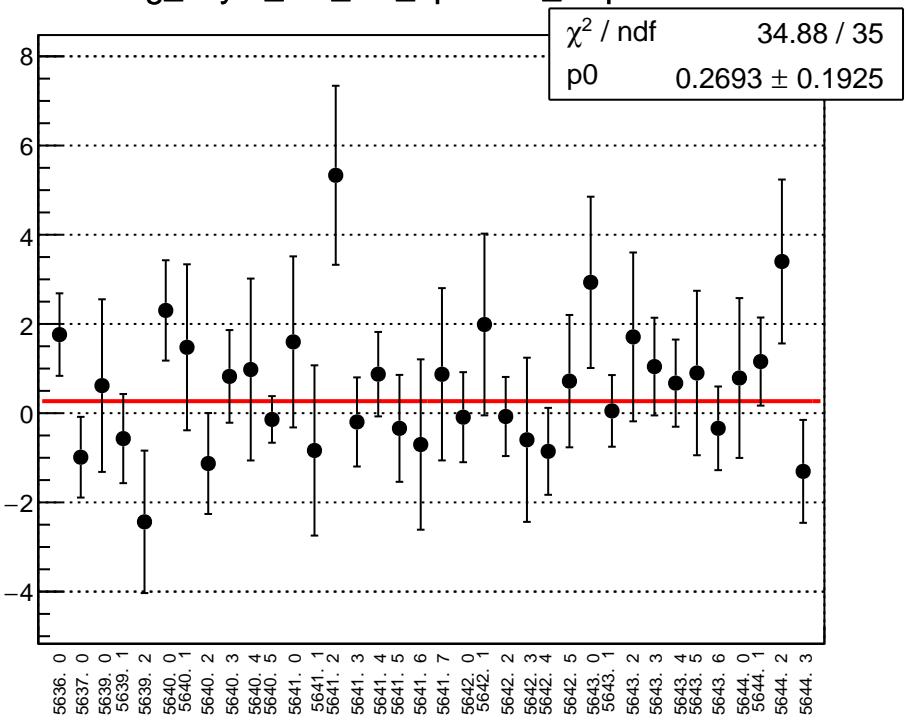
# reg\_asym\_dsr\_diff\_bpm4aY\_slope vs run



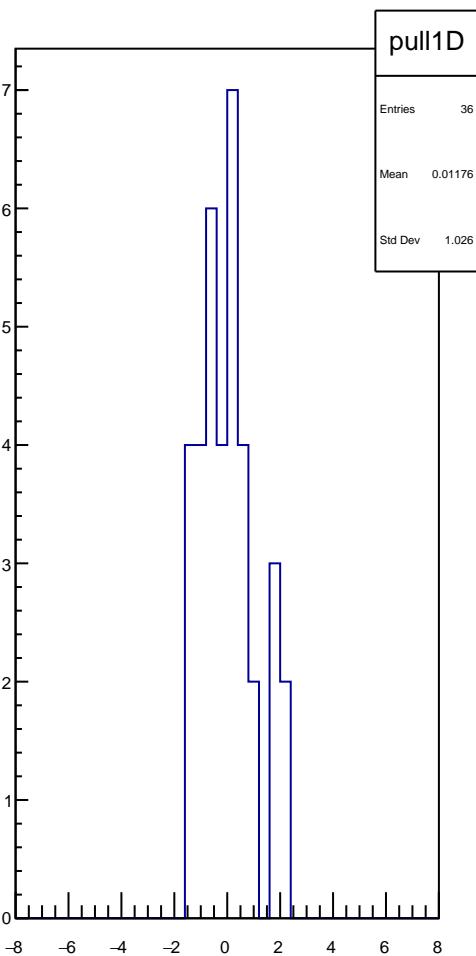
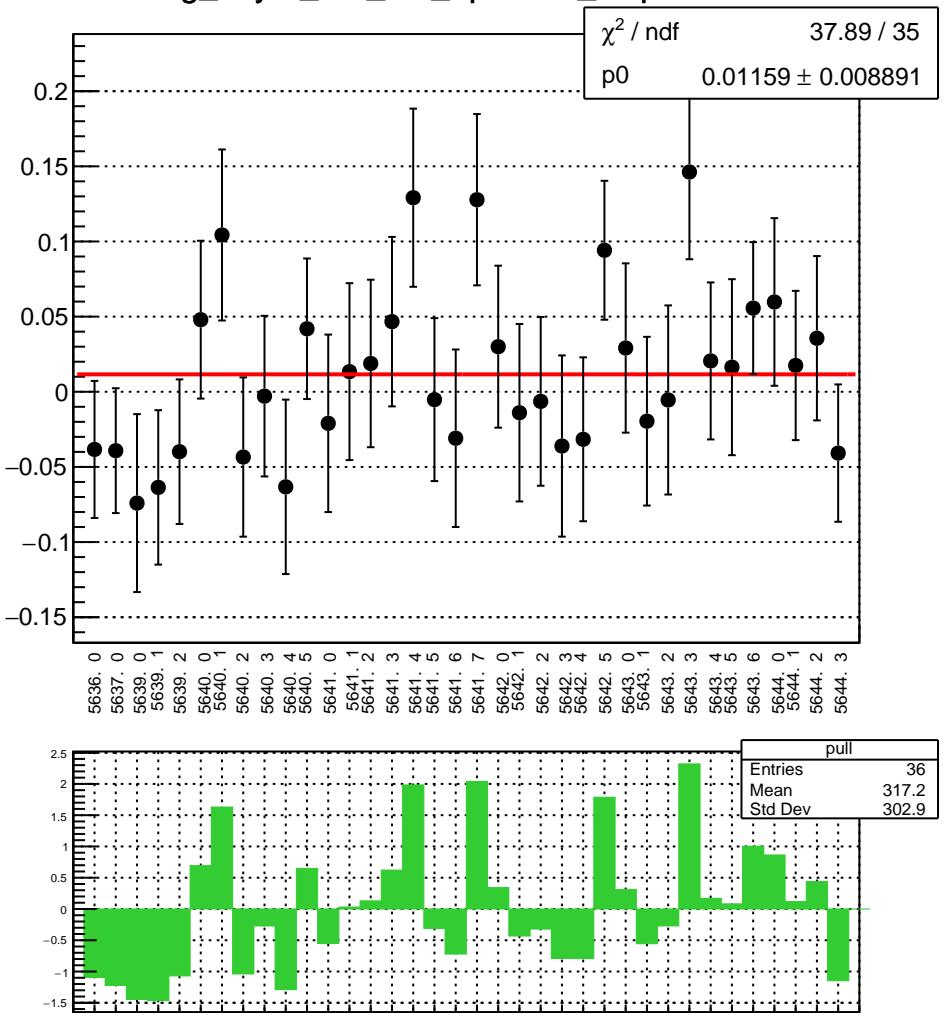
# reg\_asym\_dsr\_diff\_bpm4eX\_slope vs run



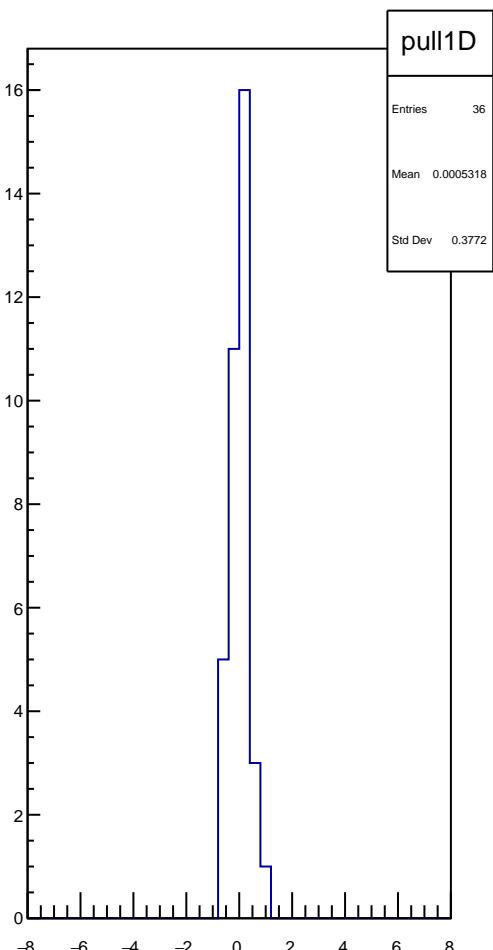
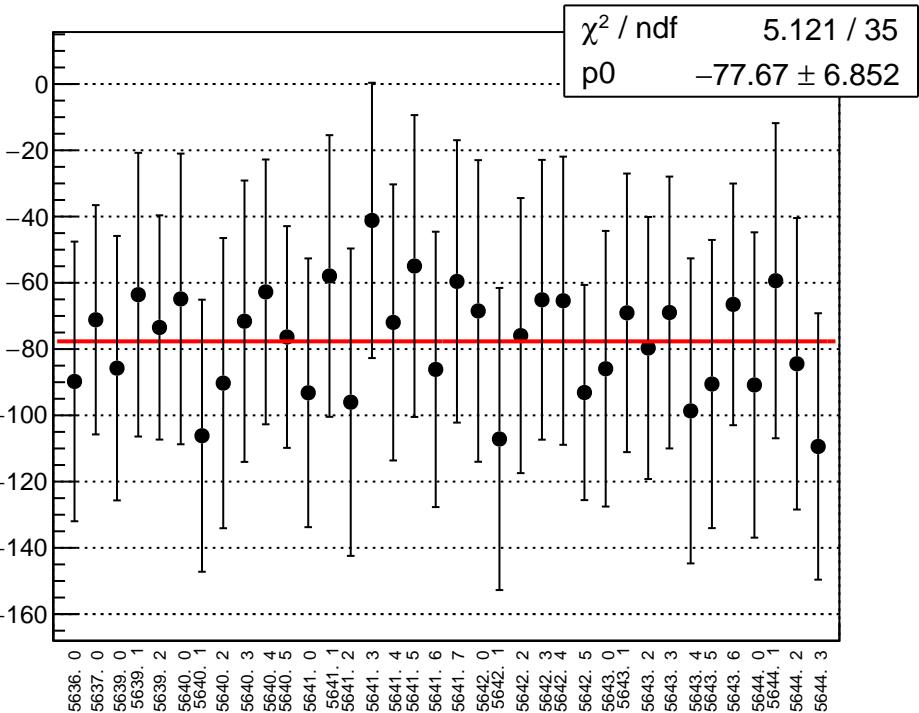
# reg\_asym\_dsr\_diff\_bpm4eY\_slope vs run



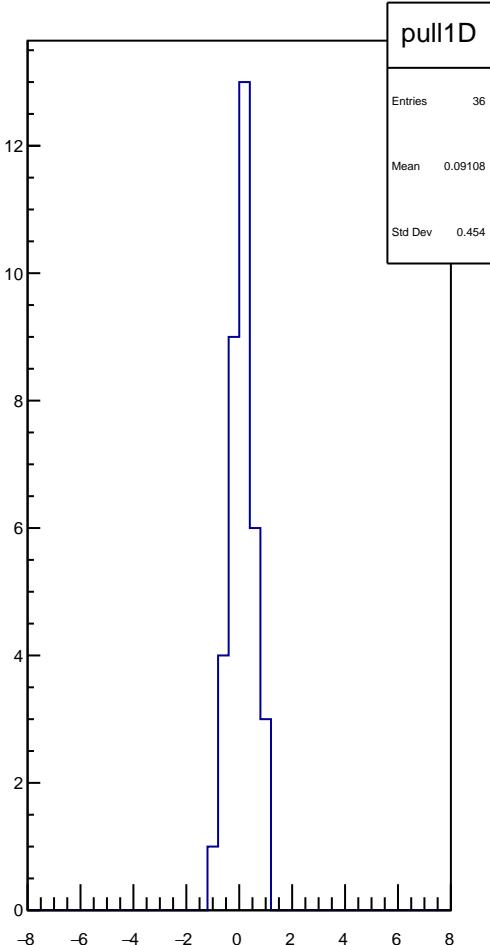
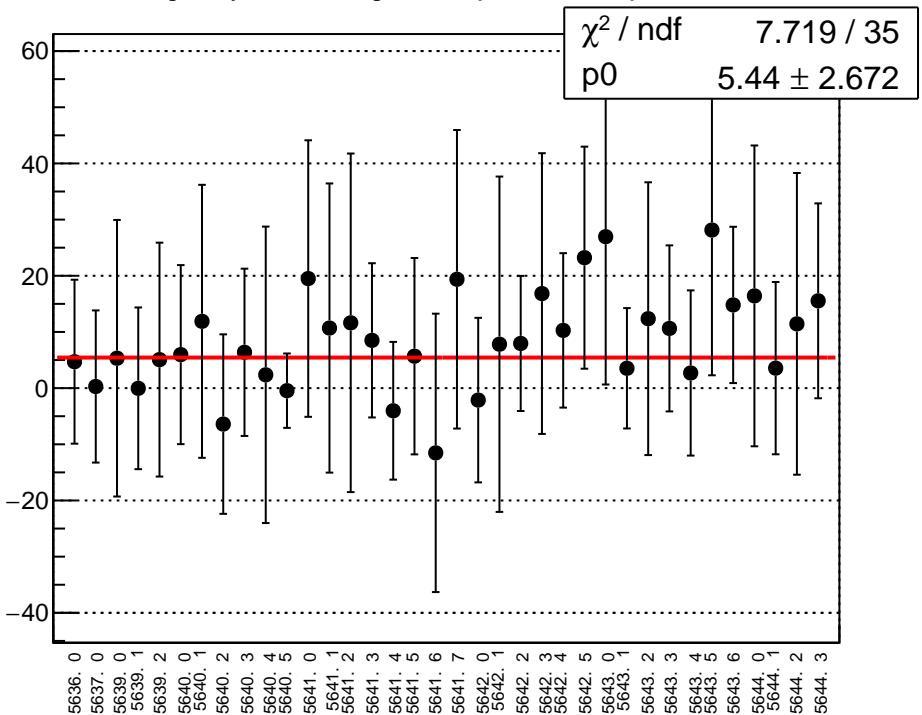
# reg\_asym\_dsr\_diff\_bpm12X\_slope vs run



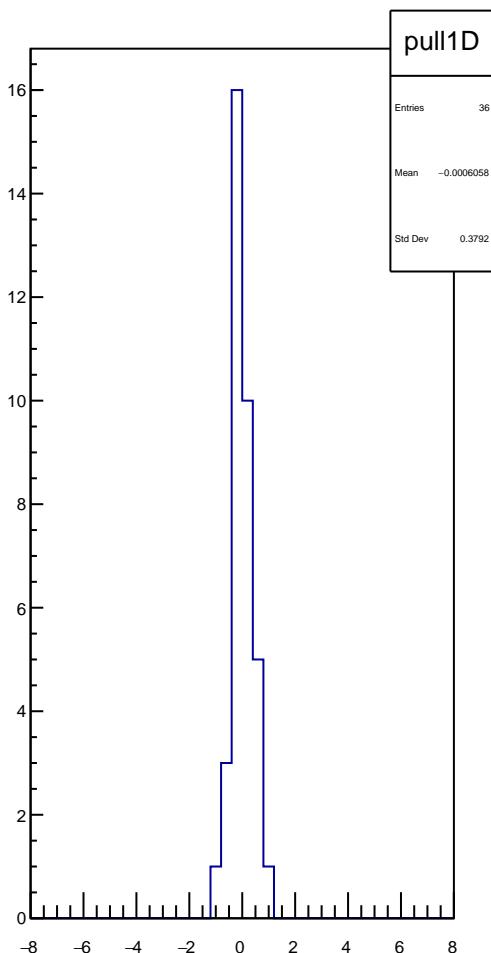
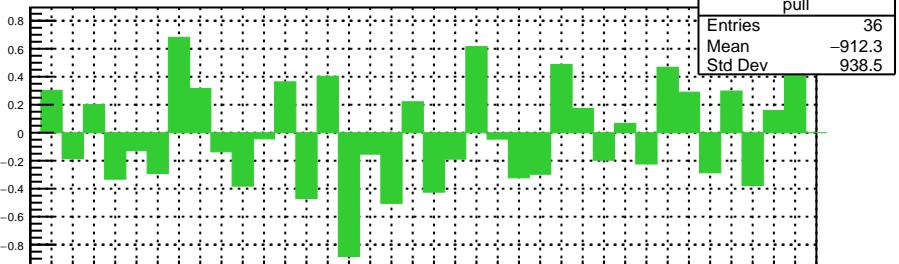
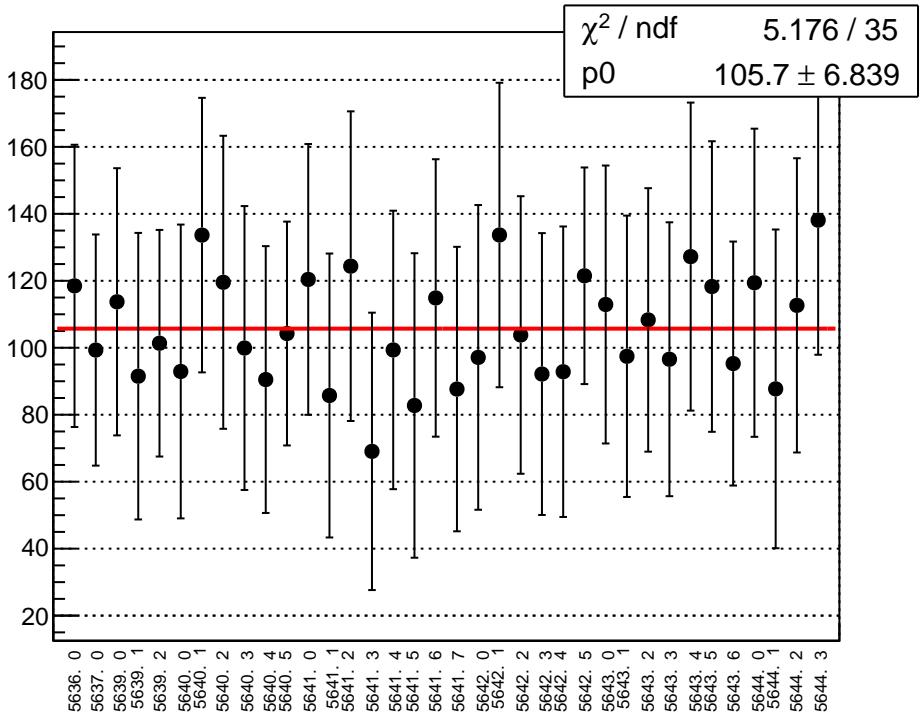
# reg\_asym\_us\_avg\_diff\_bpm4aX\_slope vs run



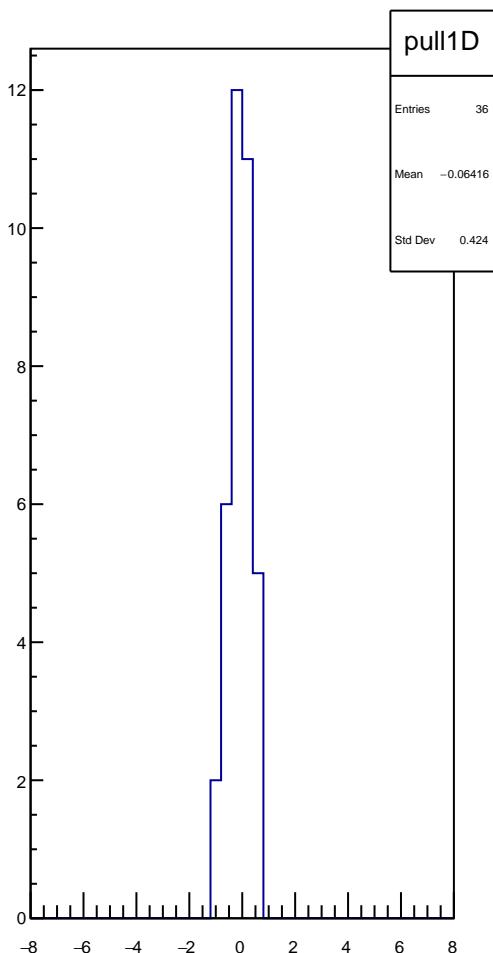
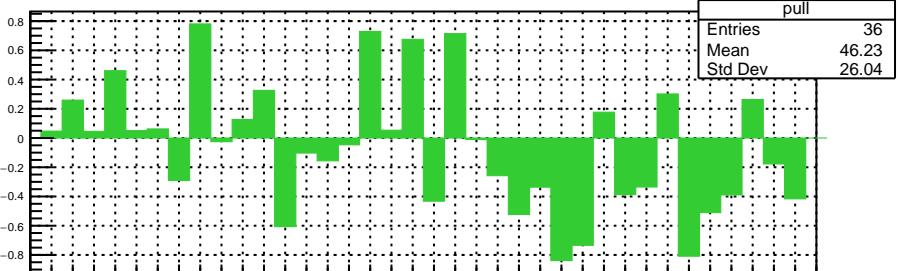
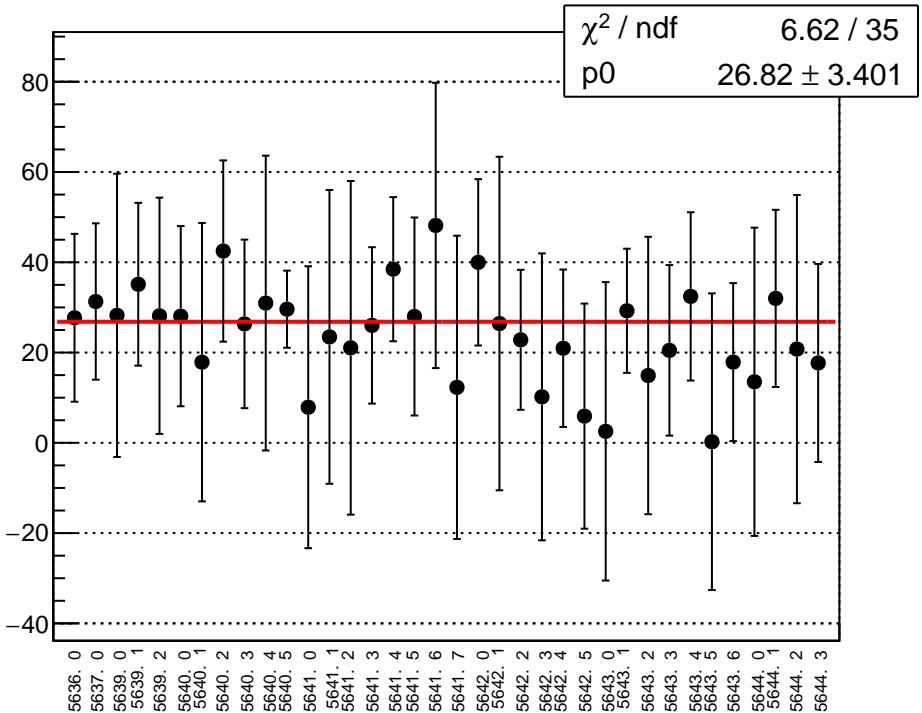
# reg\_asym\_us\_avg\_diff\_bpm4aY\_slope vs run



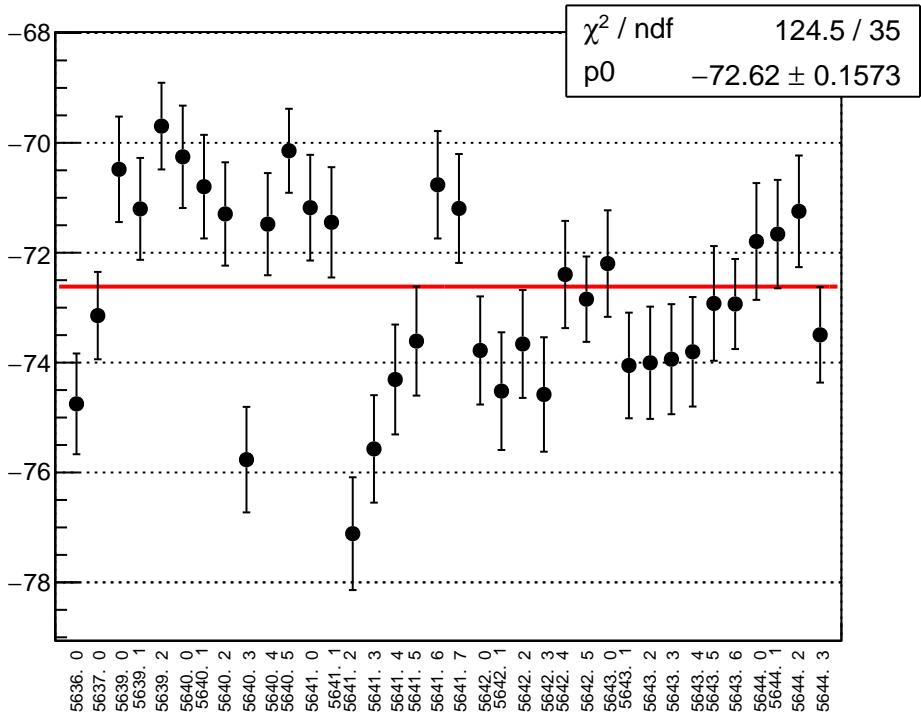
# reg\_asym\_us\_avg\_diff\_bpm4eX\_slope vs run



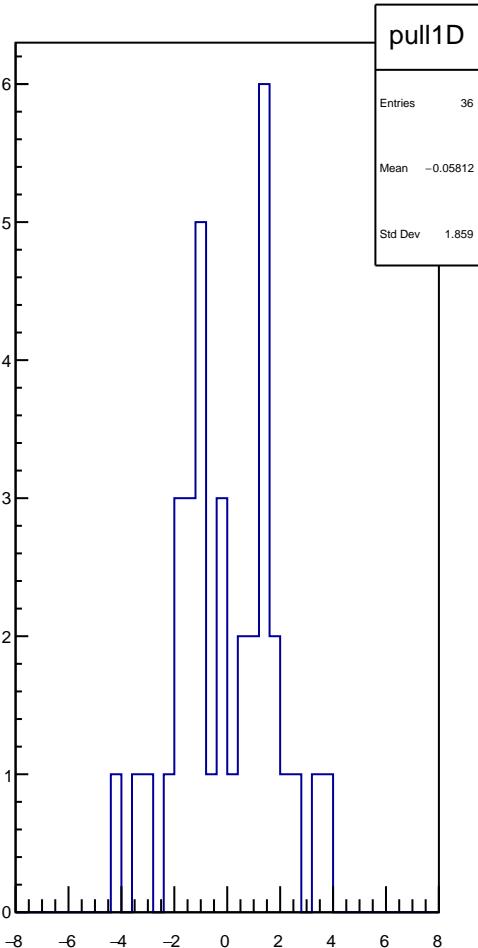
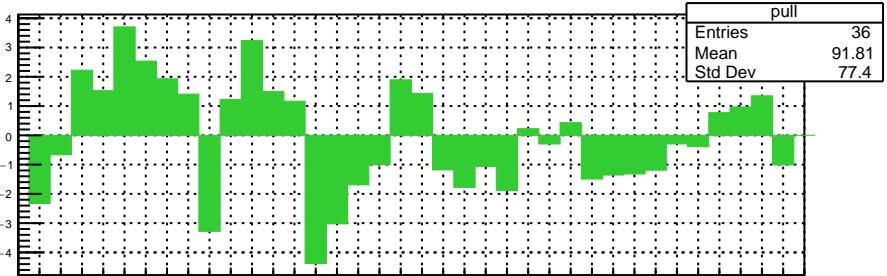
# reg\_asym\_us\_avg\_diff\_bpm4eY\_slope vs run



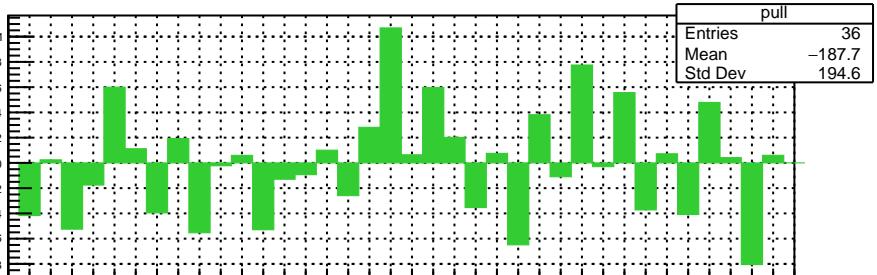
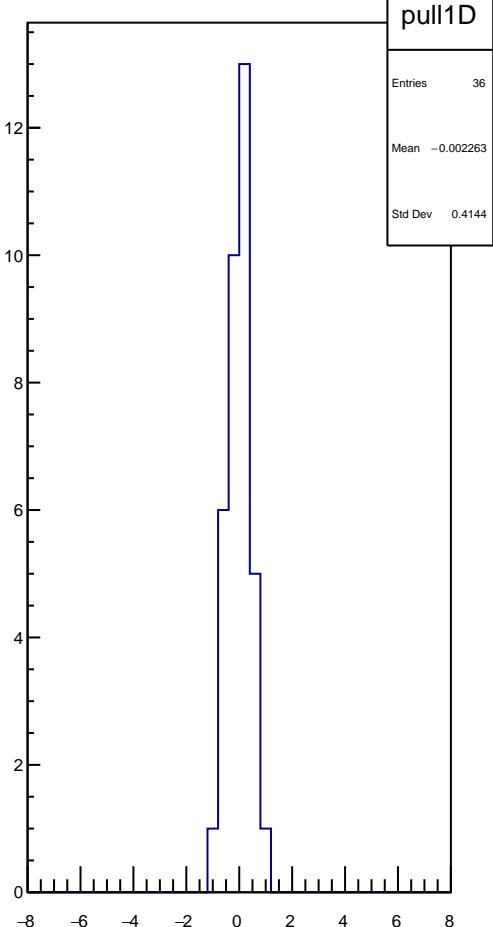
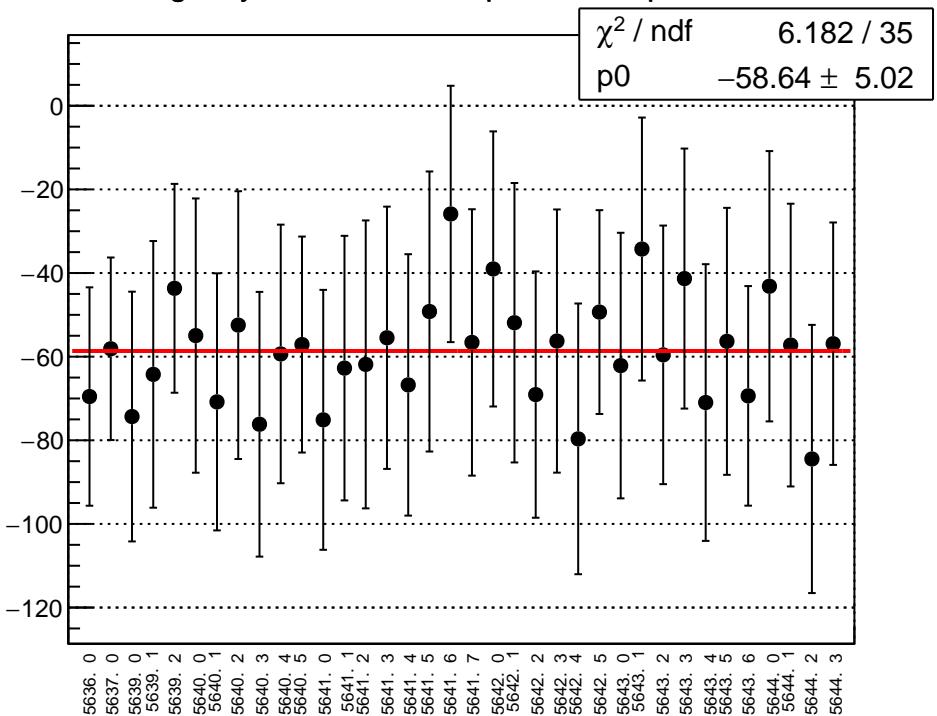
# reg\_asym\_us\_avg\_diff\_bpm12X\_slope vs run



$\chi^2 / \text{ndf}$  124.5 / 35  
 $p_0$   $-72.62 \pm 0.1573$

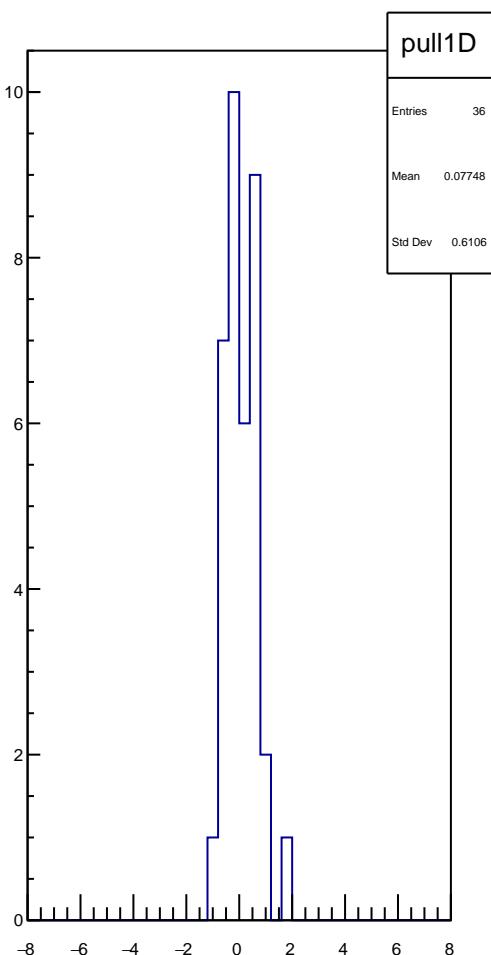
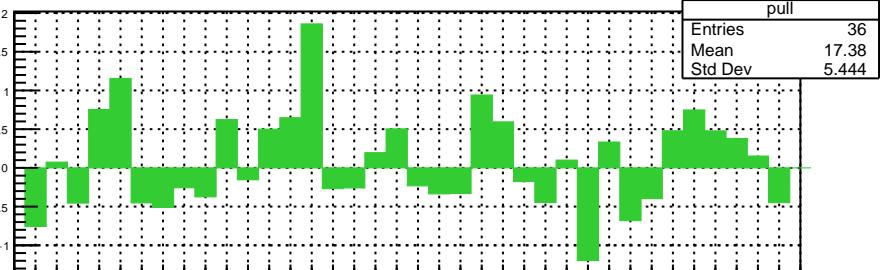
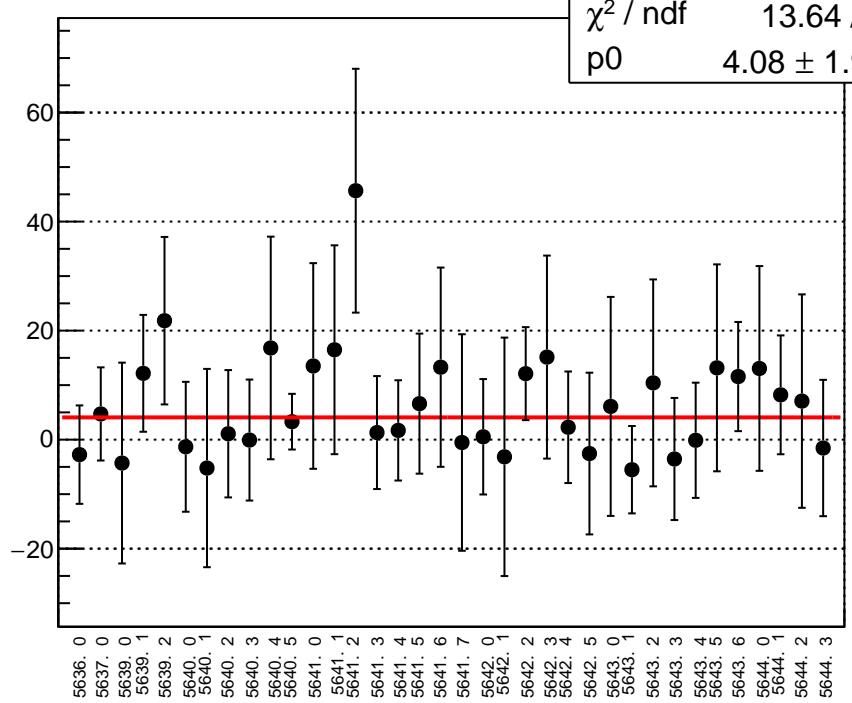


# reg\_asym\_us\_dd\_diff\_bpm4aX\_slope vs run

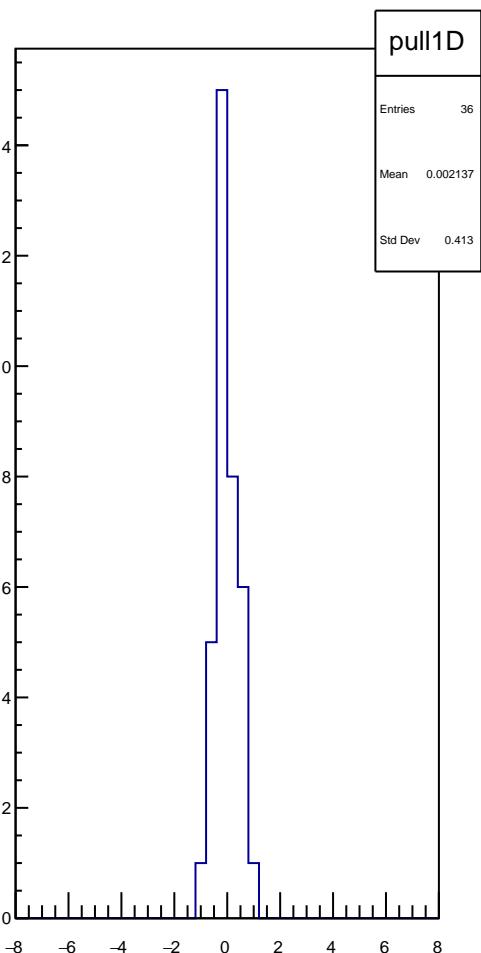
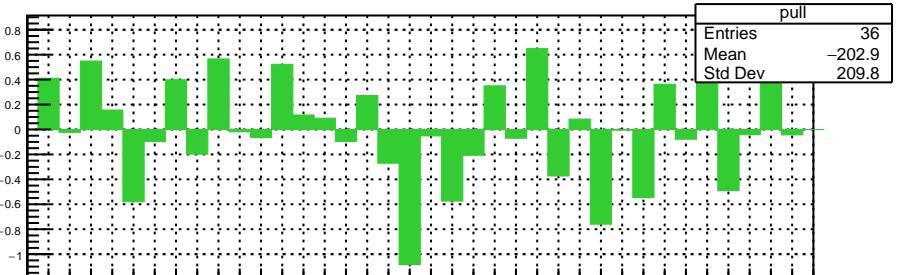
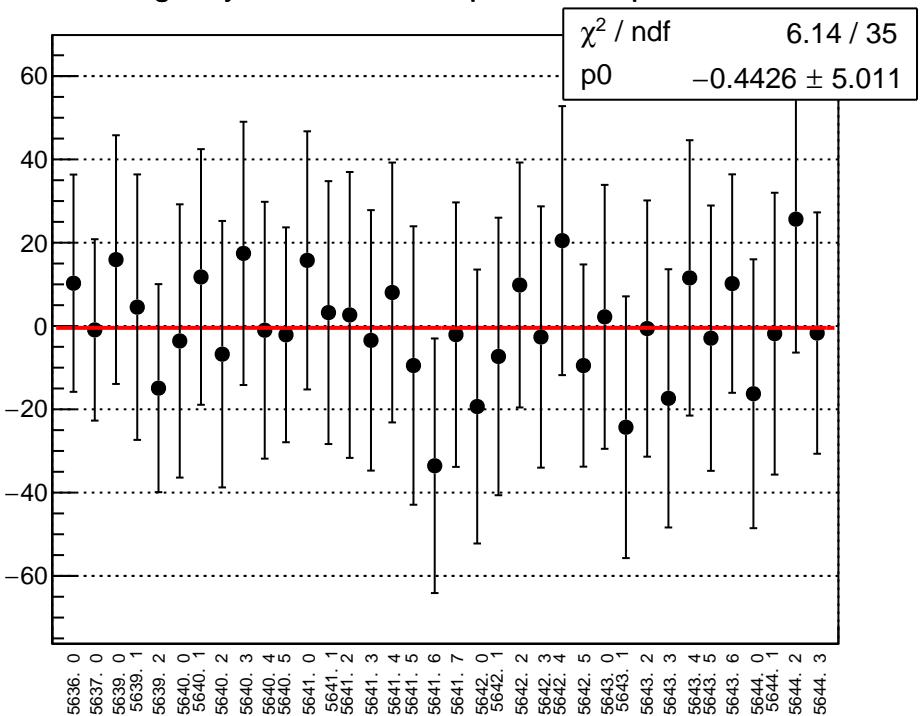


reg\_asym\_us\_dd\_diff\_bpm4aY\_slope vs run

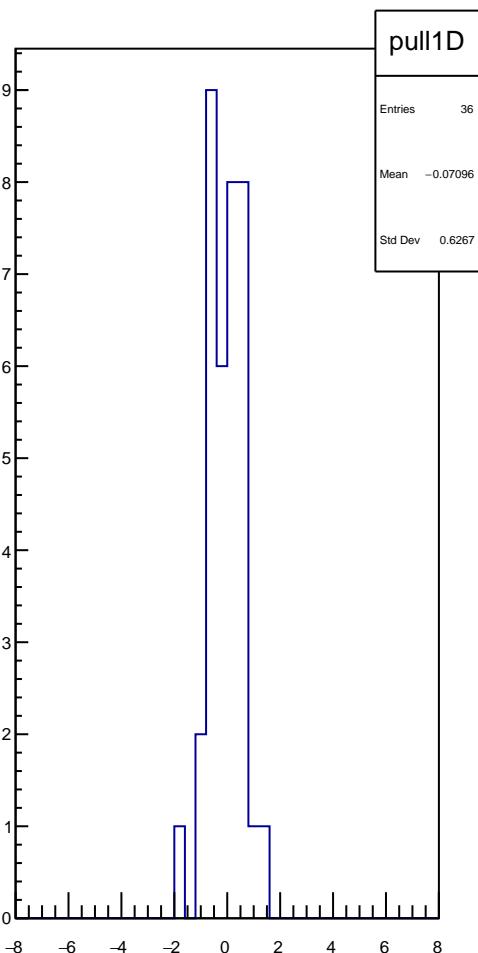
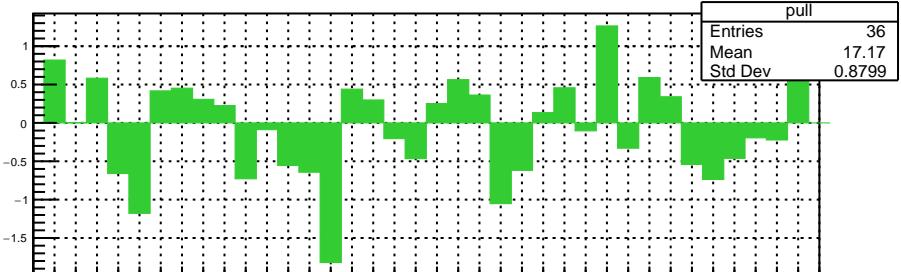
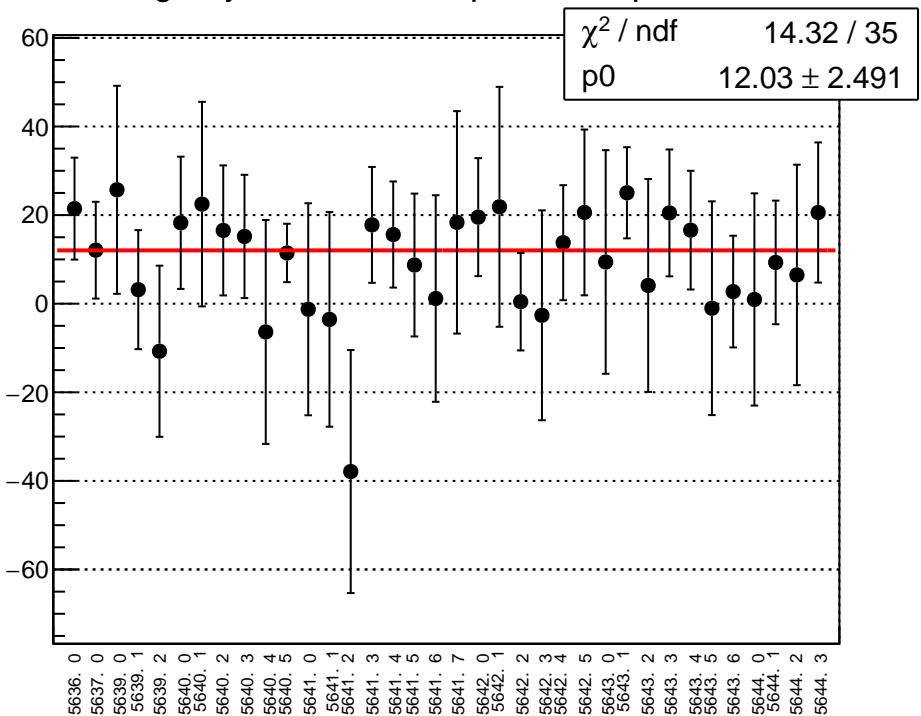
$\chi^2 / \text{ndf}$  13.64 / 35  
p0  $4.08 \pm 1.958$



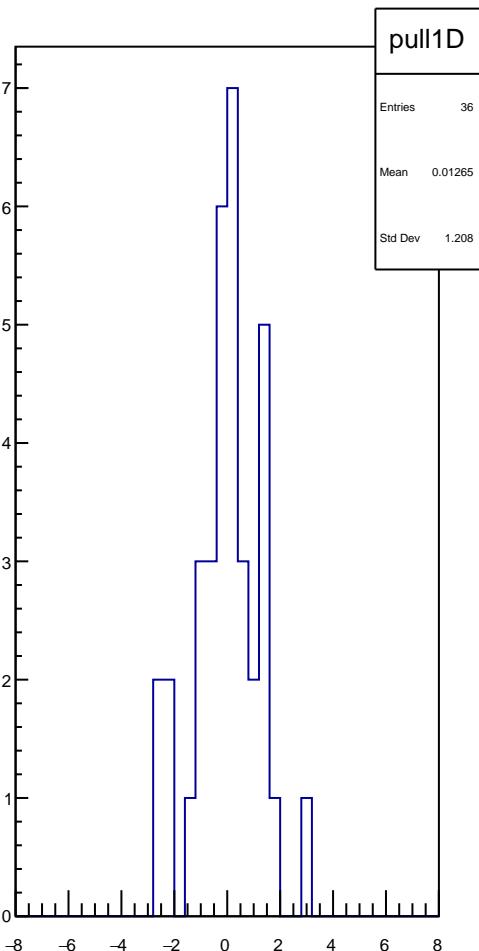
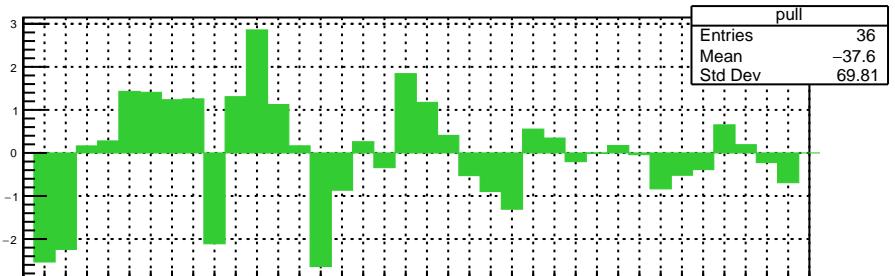
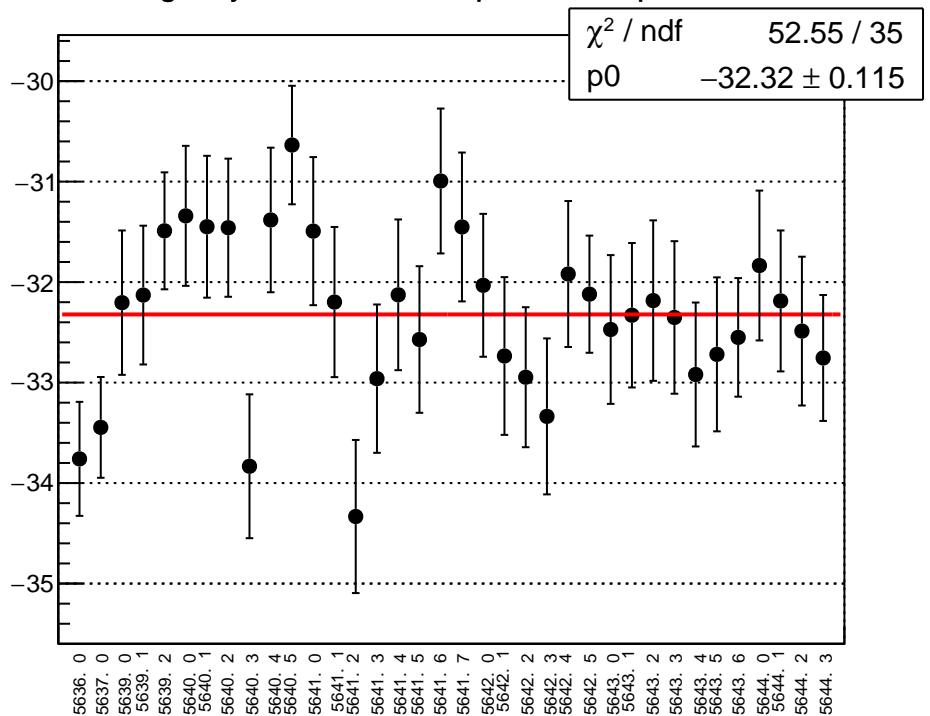
# reg\_asym\_us\_dd\_diff\_bpm4eX\_slope vs run



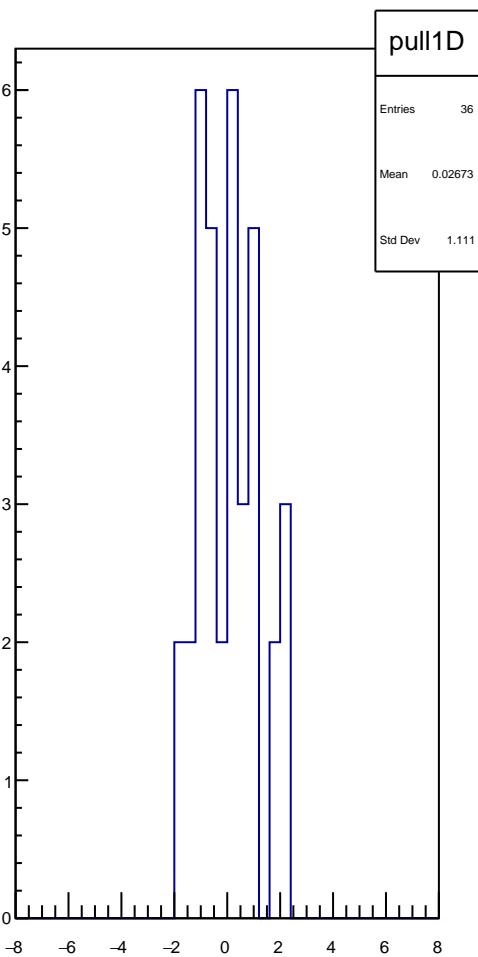
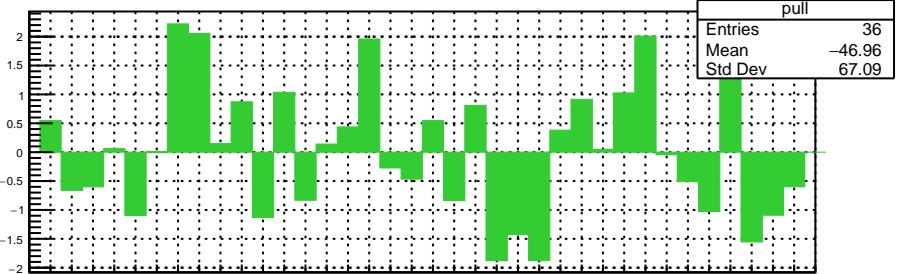
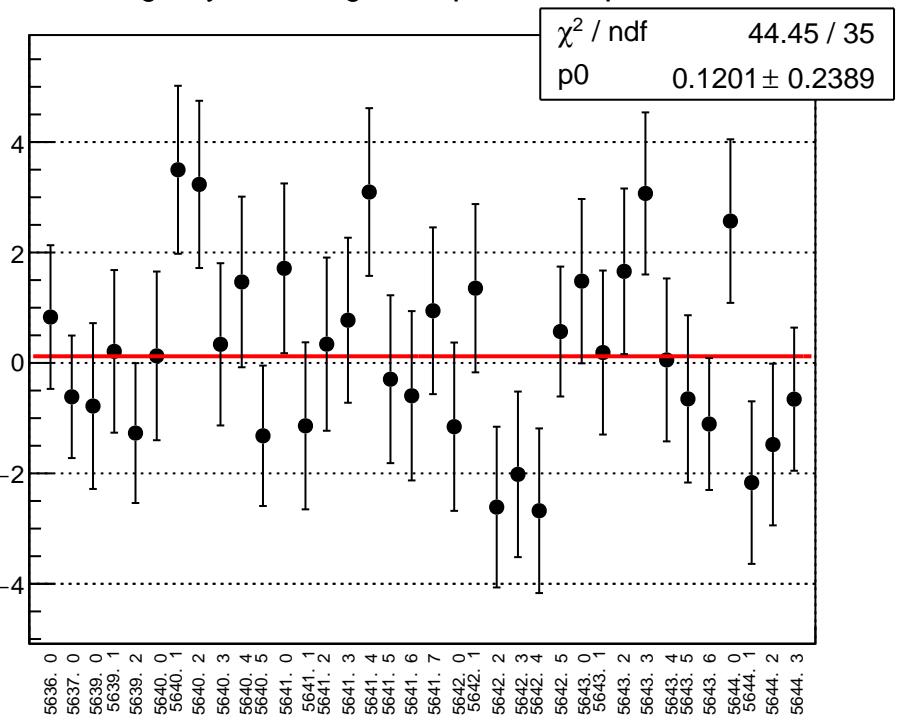
reg\_asym\_us\_dd\_diff\_bpm4eY\_slope vs run



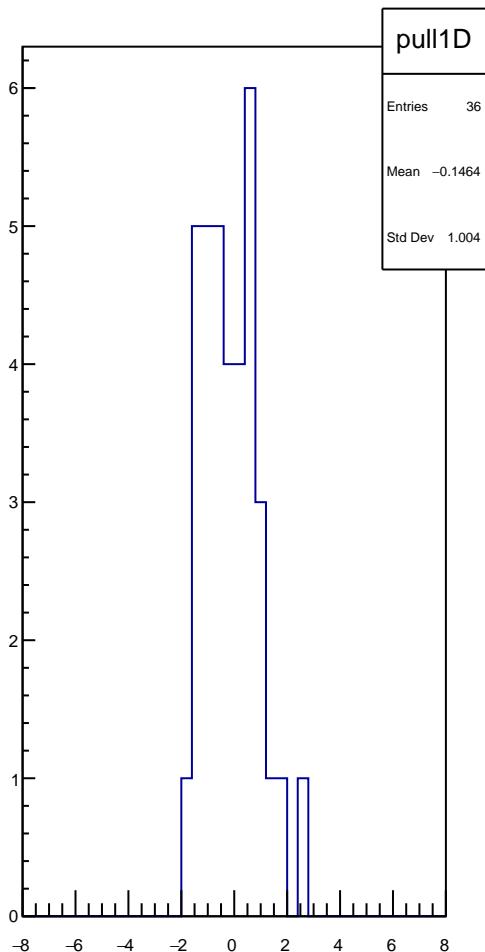
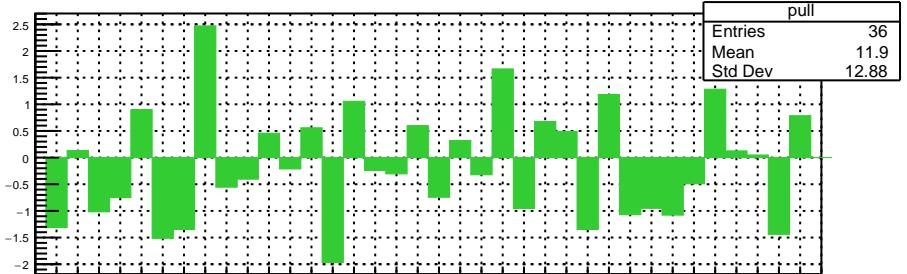
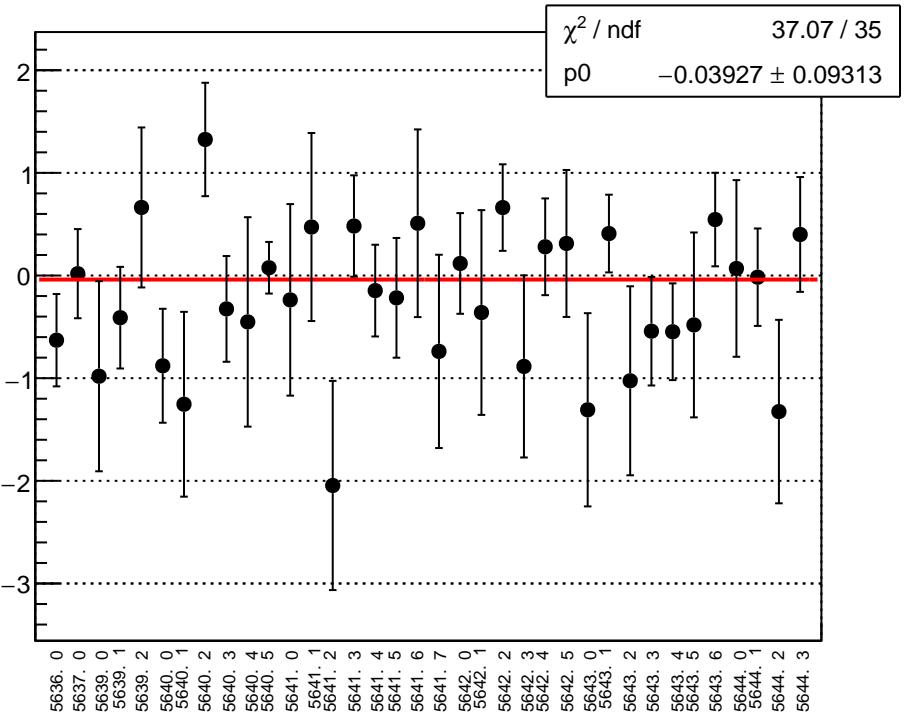
# reg\_asym\_us\_dd\_diff\_bpm12X\_slope vs run



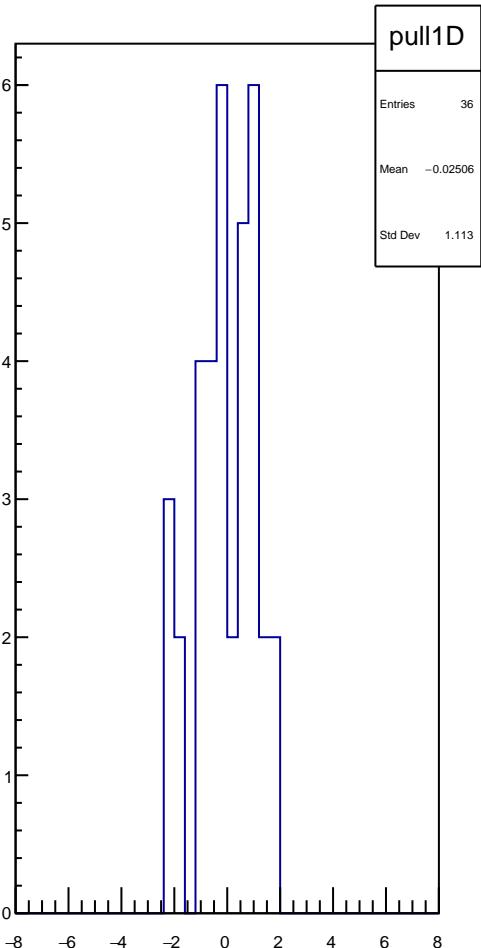
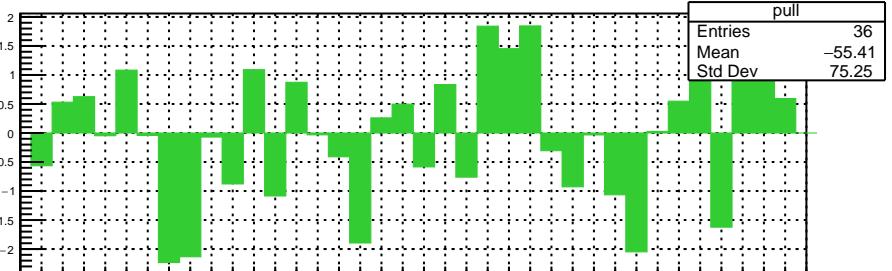
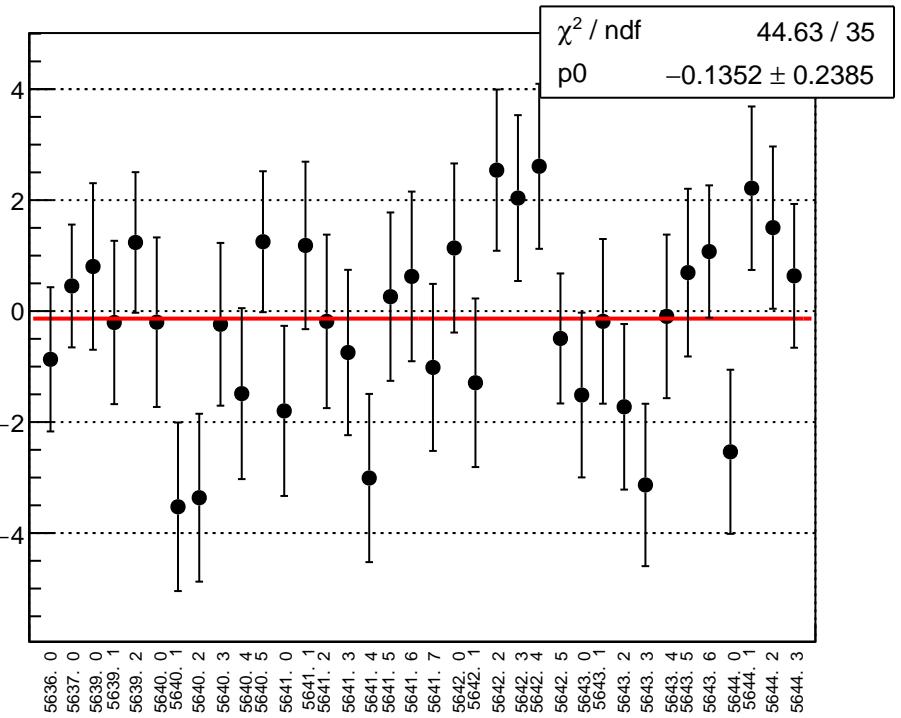
# reg\_asym\_ds\_avg\_diff\_bpm4aX\_slope vs run



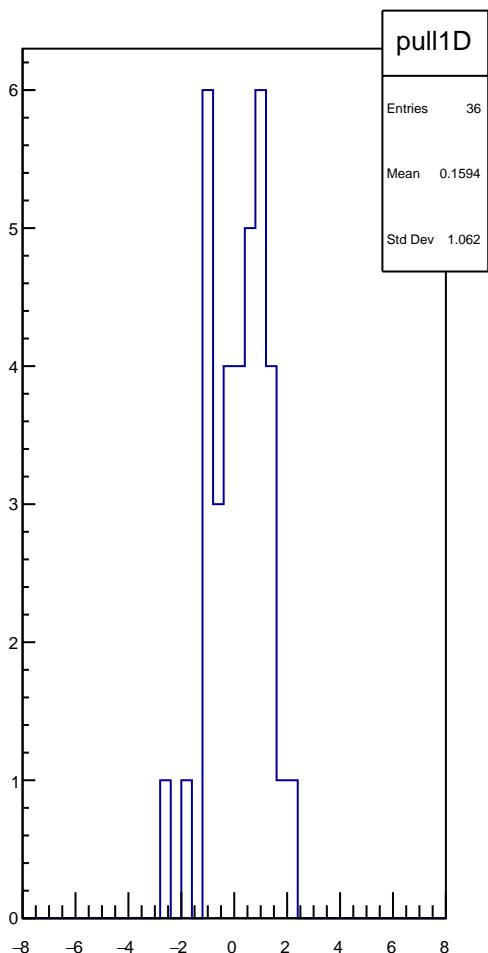
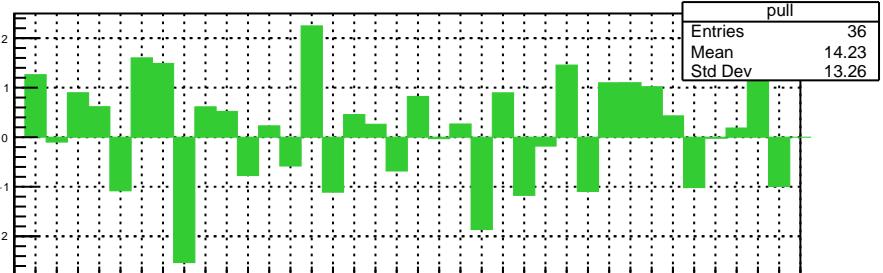
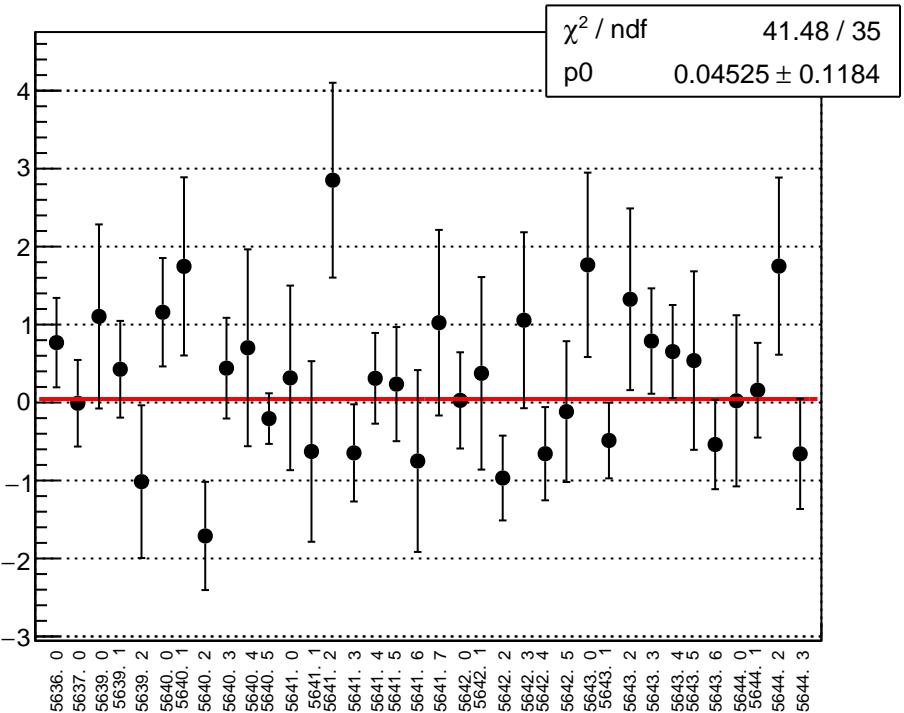
# reg\_asym\_ds\_avg\_diff\_bpm4aY\_slope vs run



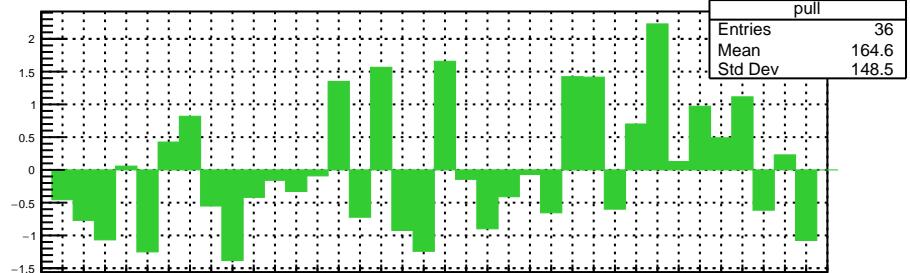
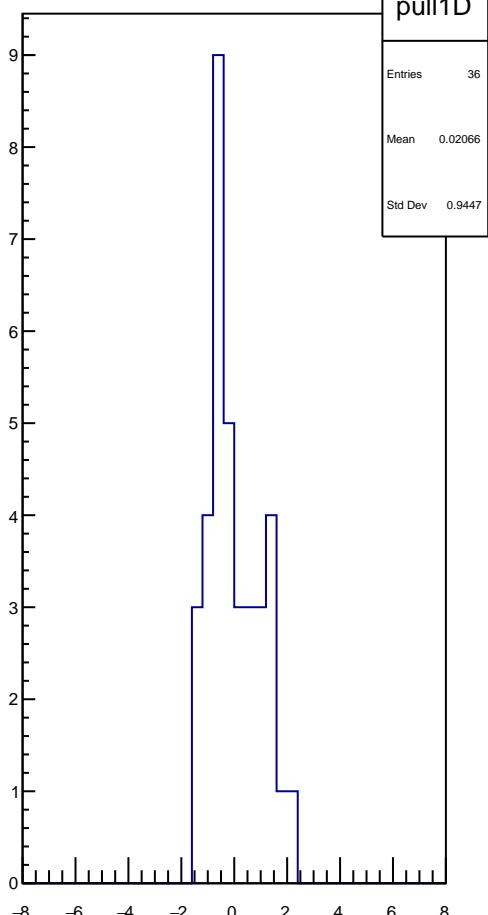
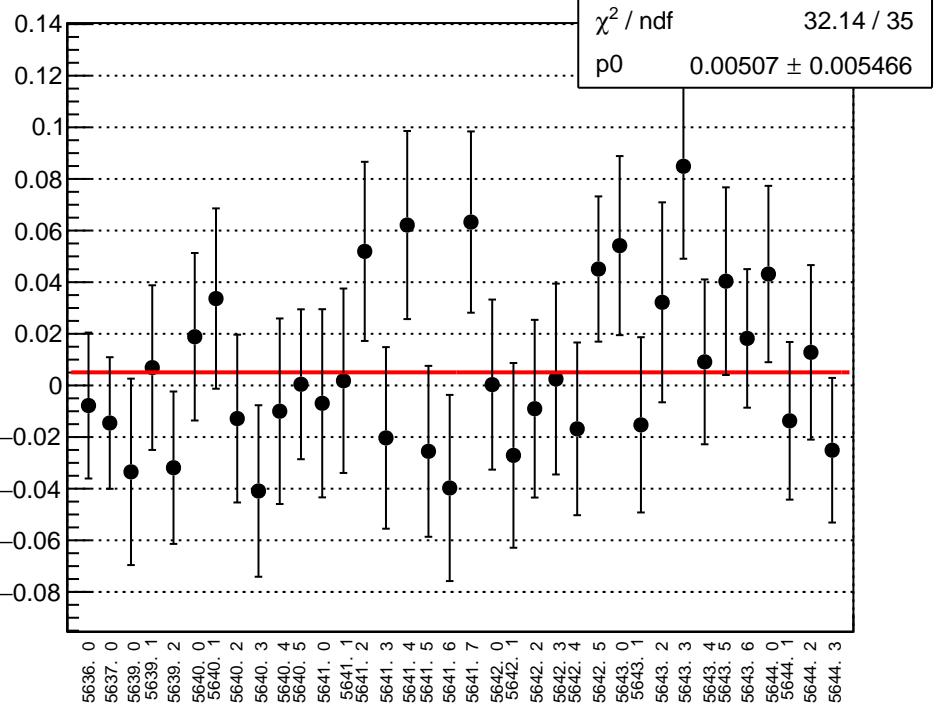
# reg\_asym\_ds\_avg\_diff\_bpm4eX\_slope vs run



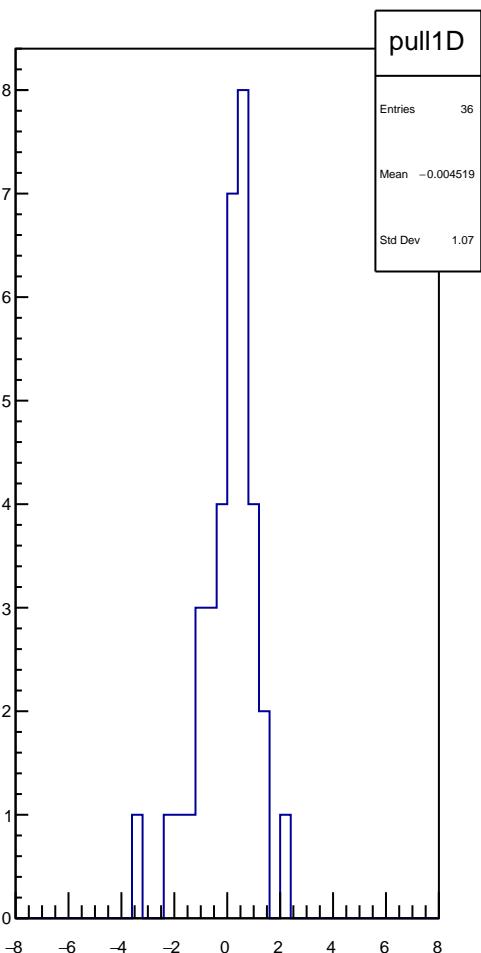
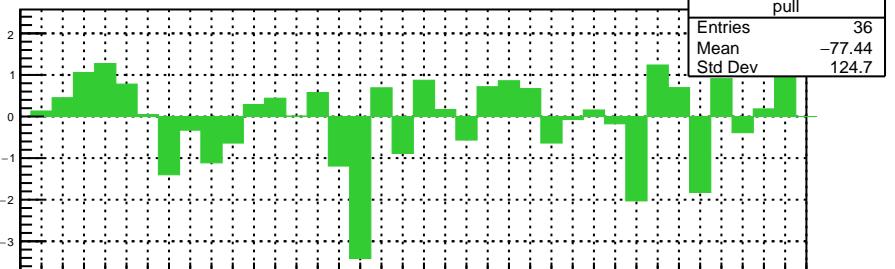
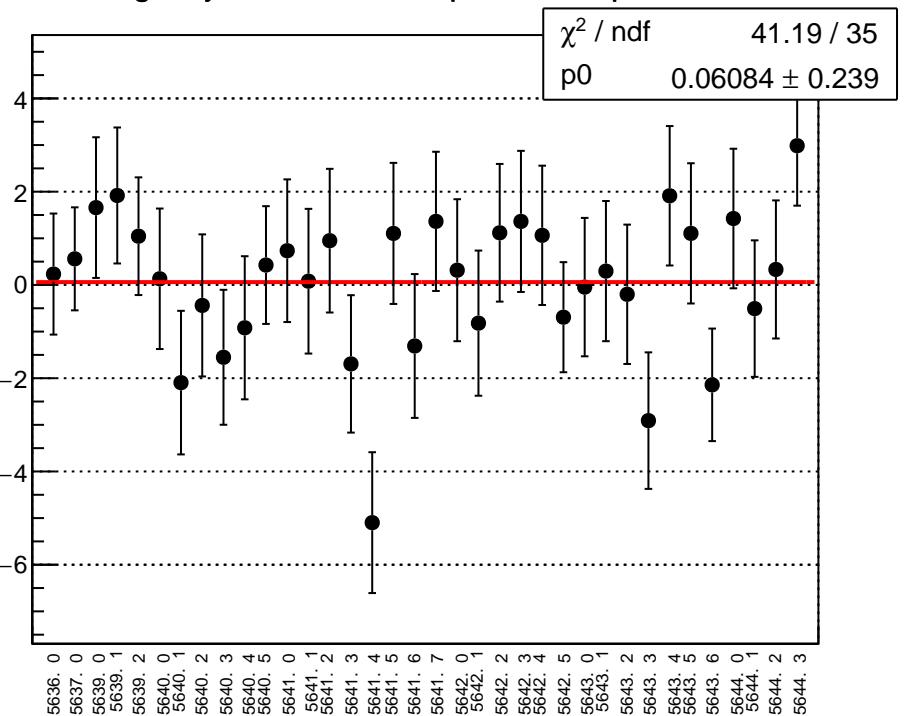
# reg\_asym\_ds\_avg\_diff\_bpm4eY\_slope vs run



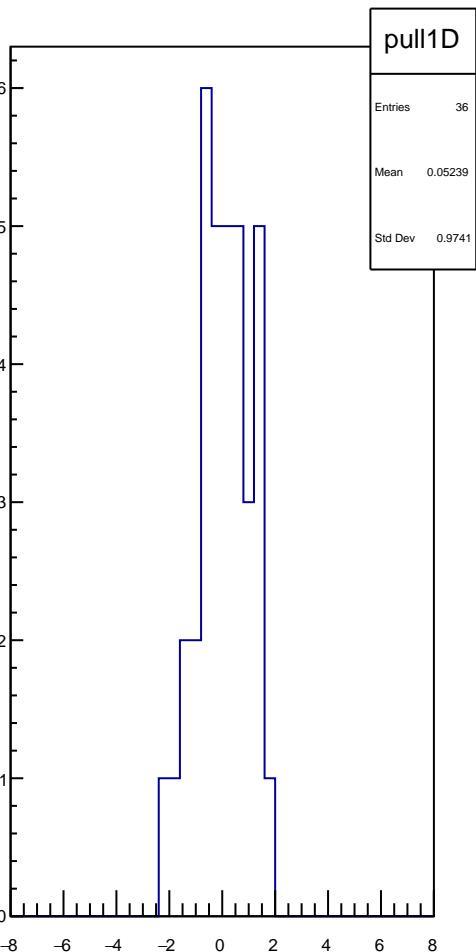
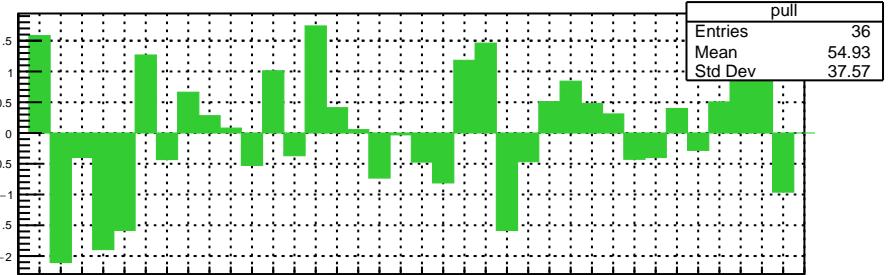
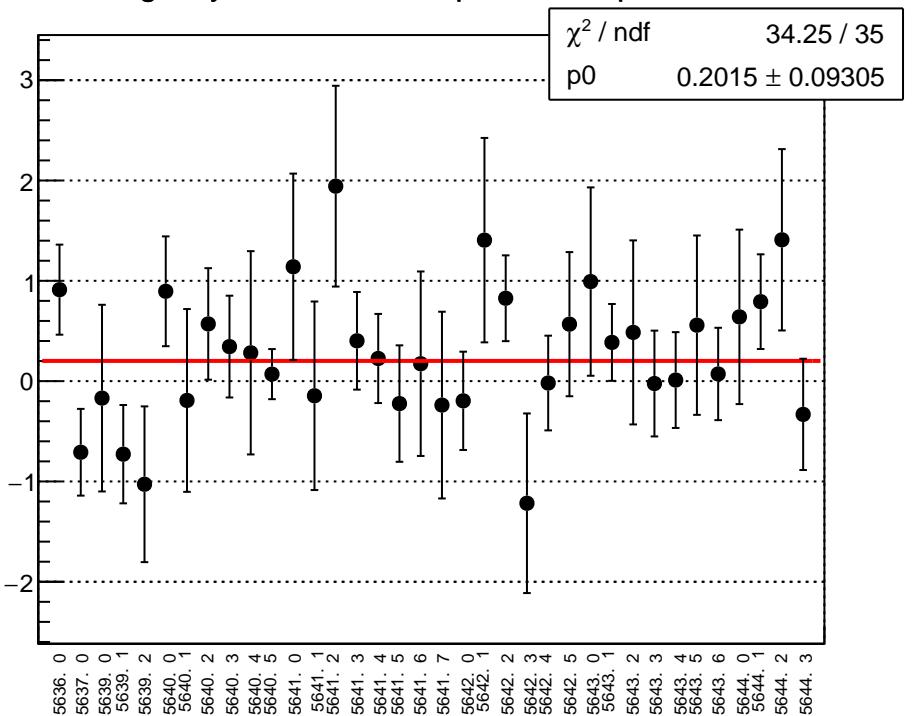
# reg\_asym\_ds\_avg\_diff\_bpm12X\_slope vs run



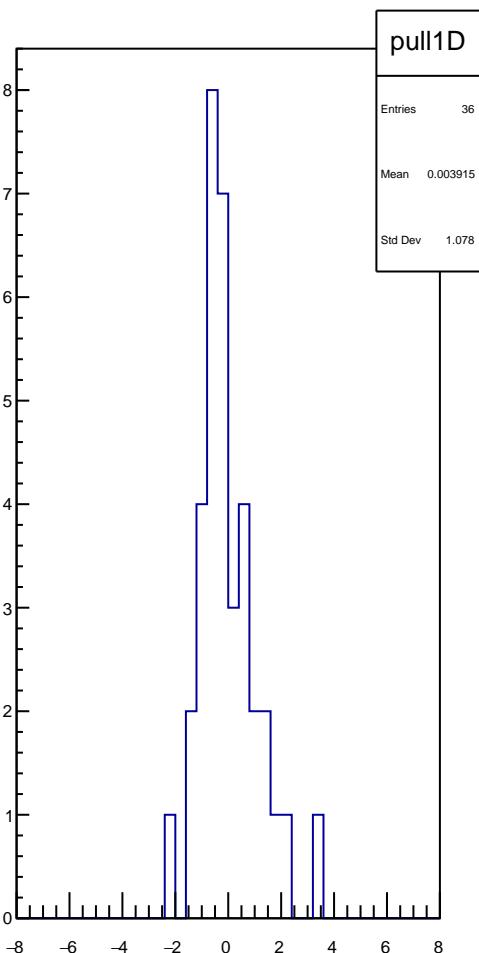
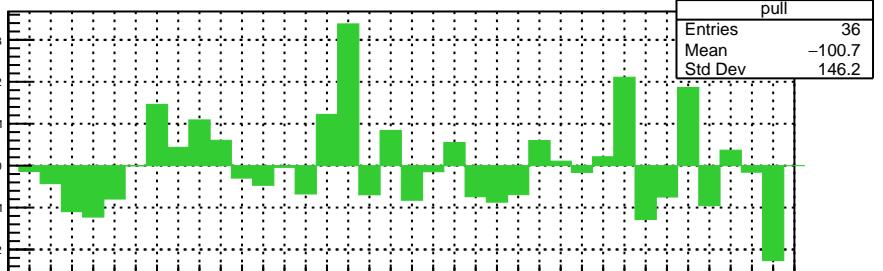
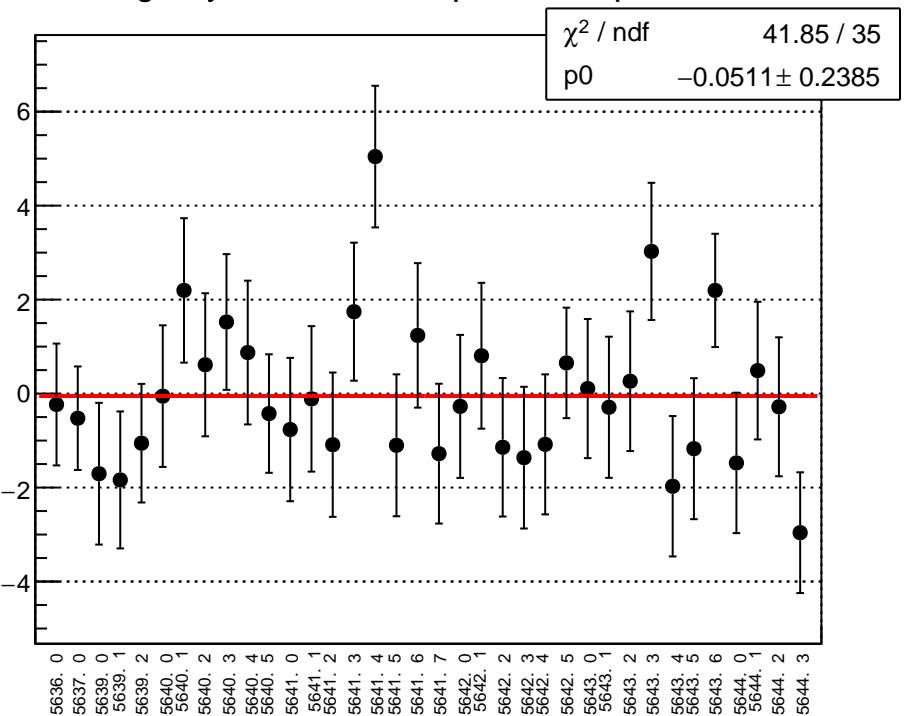
# reg\_asym\_ds\_dd\_diff\_bpm4aX\_slope vs run



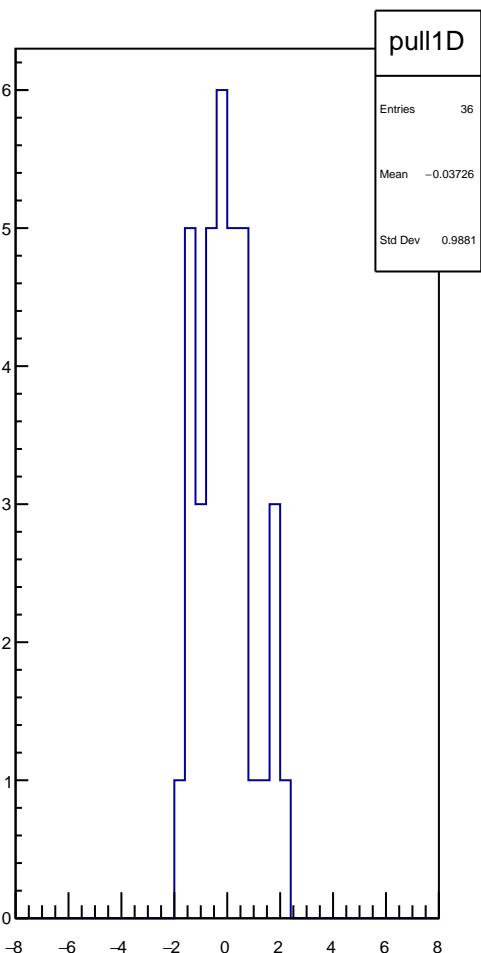
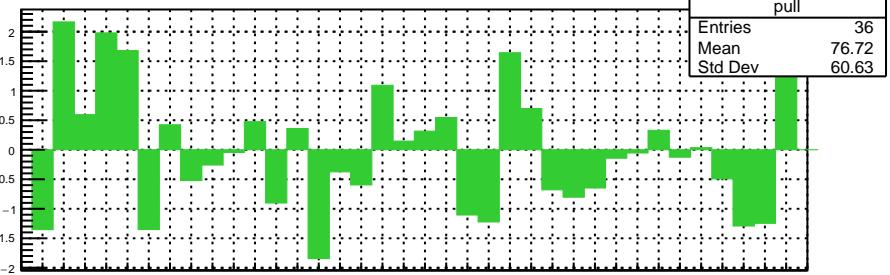
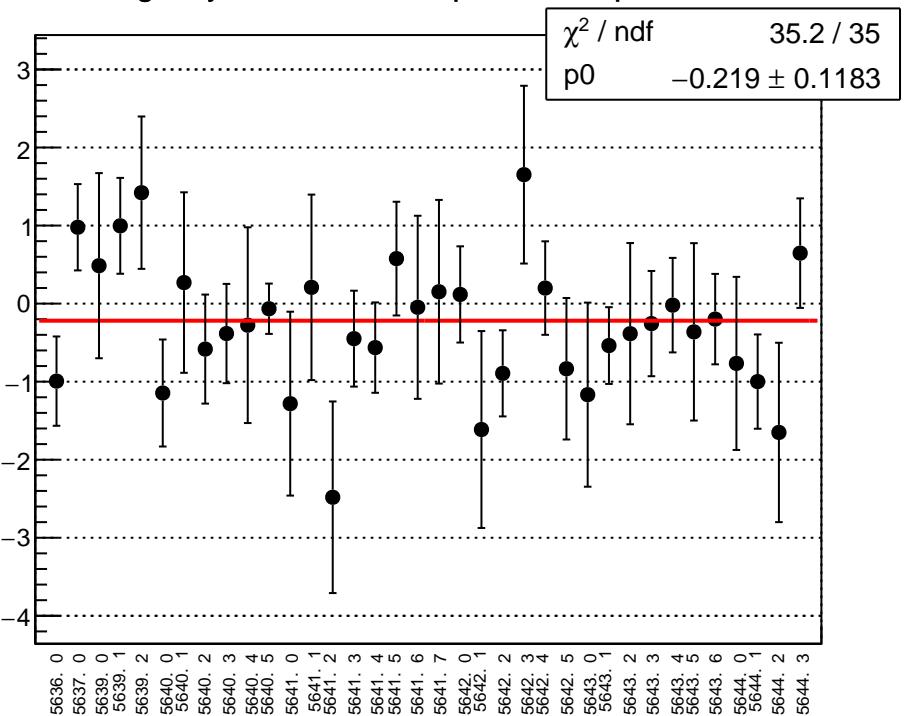
# reg\_asym\_ds\_dd\_diff\_bpm4aY\_slope vs run



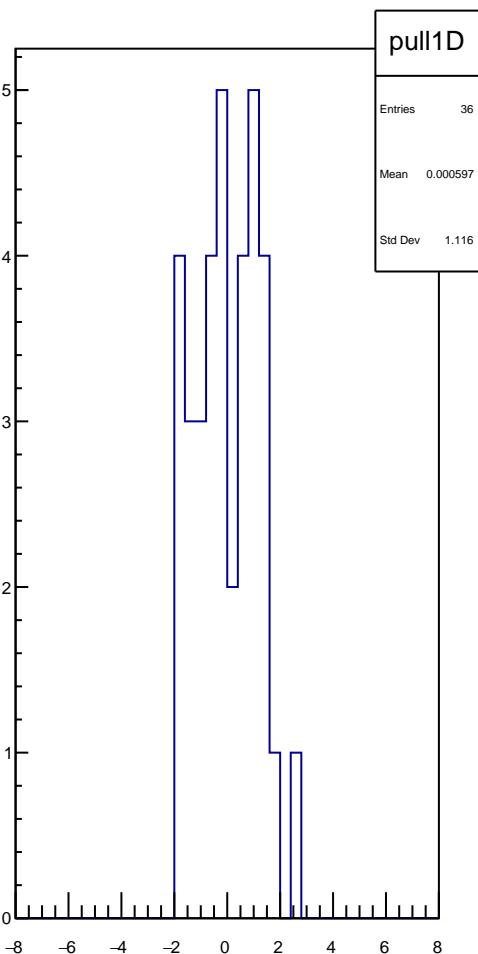
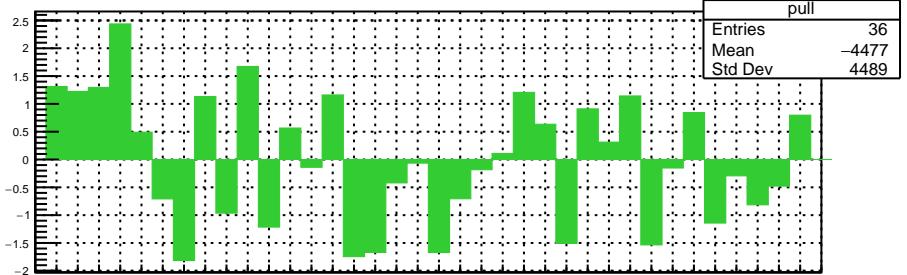
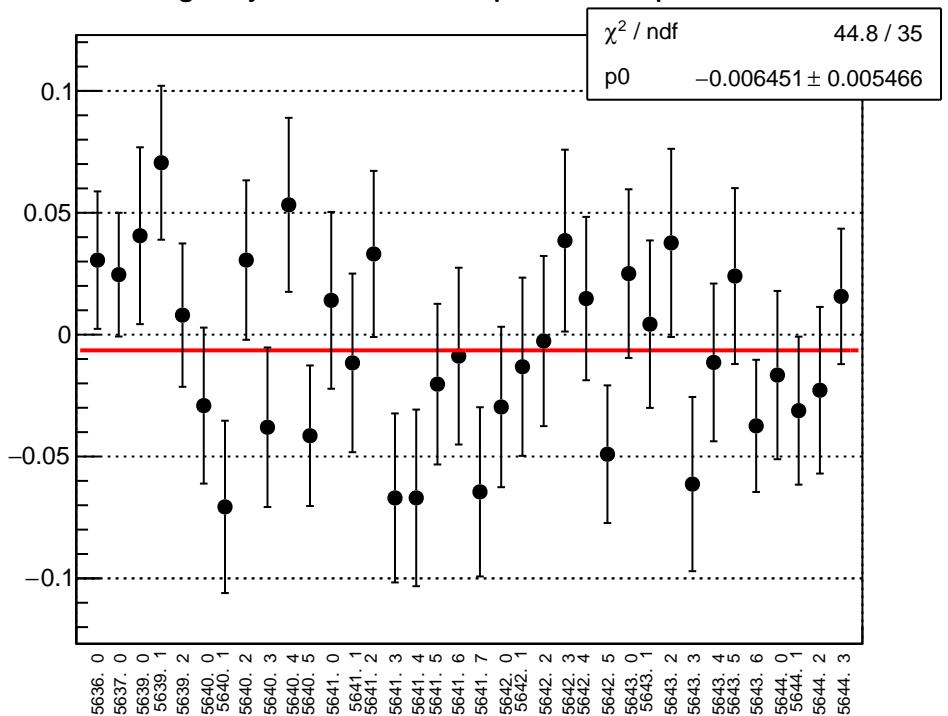
# reg\_asym\_ds\_dd\_diff\_bpm4eX\_slope vs run



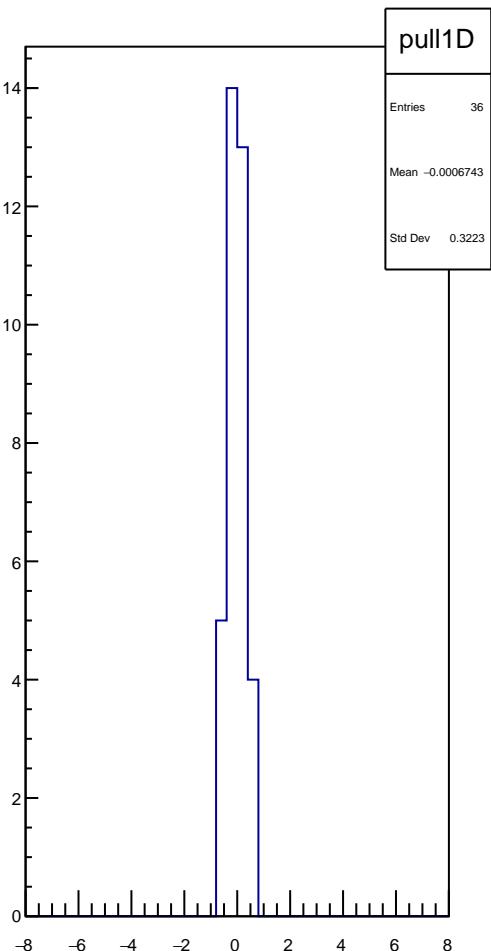
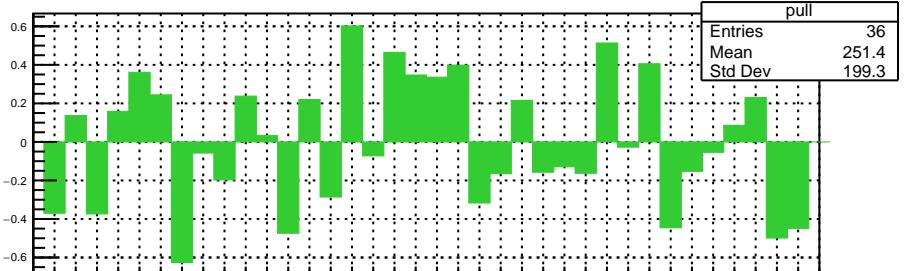
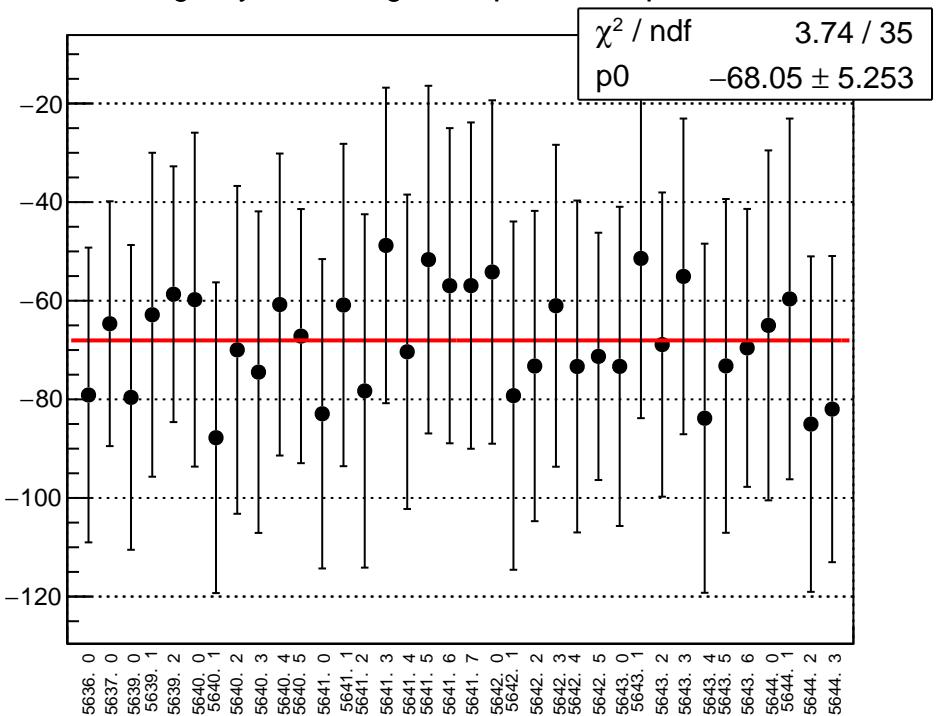
# reg\_asym\_ds\_dd\_diff\_bpm4eY\_slope vs run



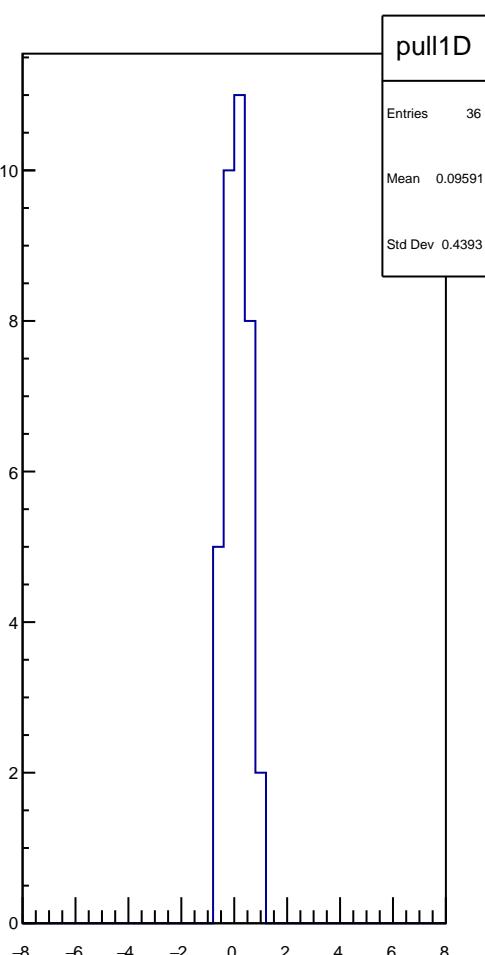
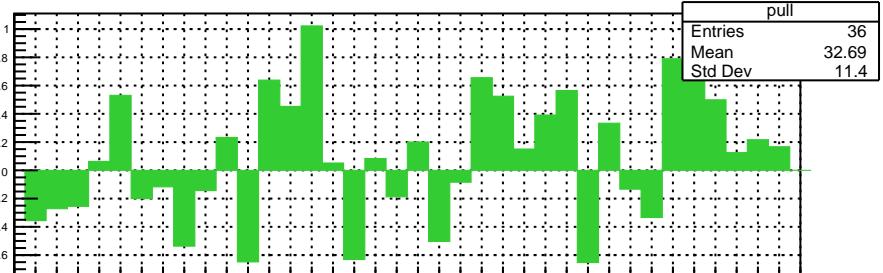
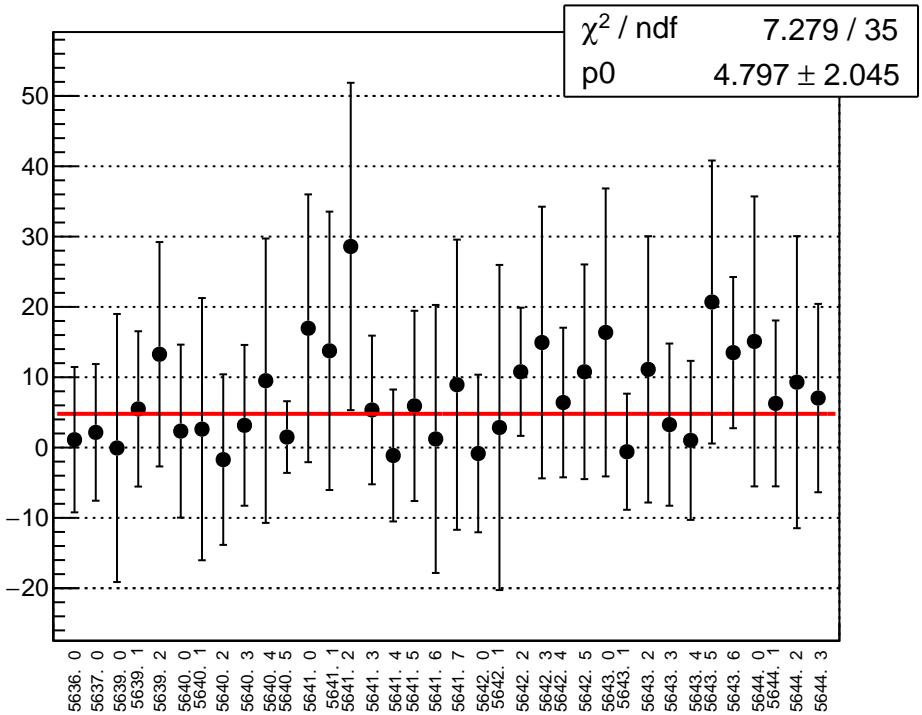
# reg\_asym\_ds\_dd\_diff\_bpm12X\_slope vs run



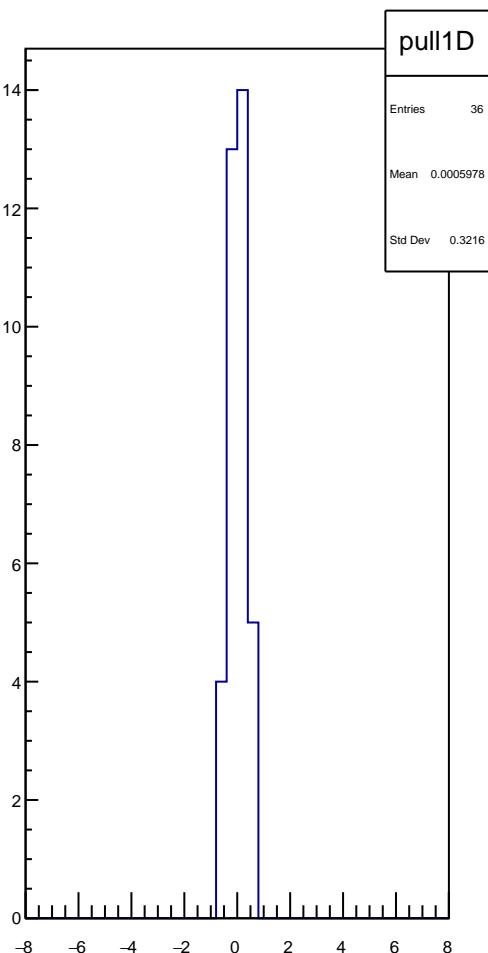
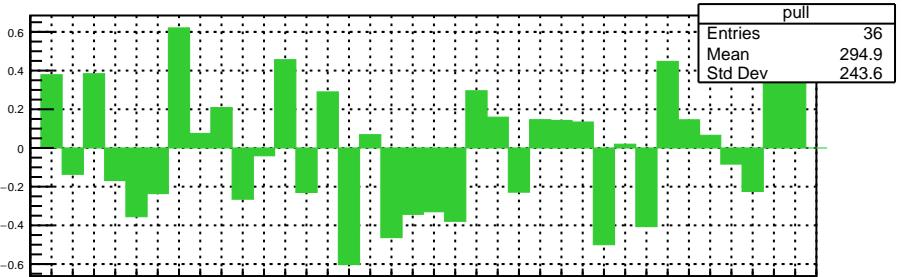
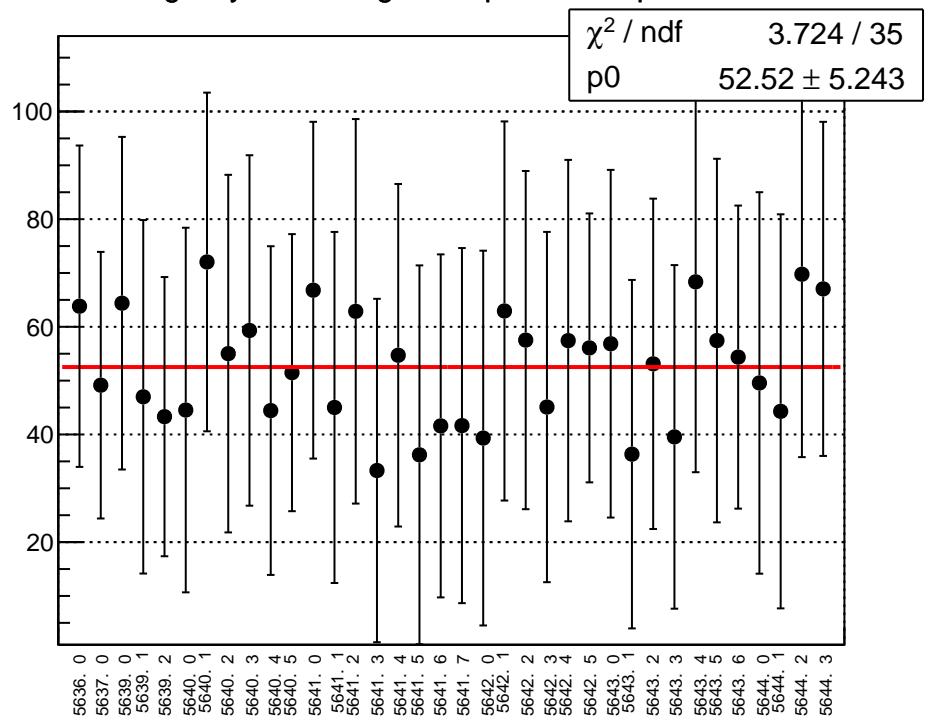
# reg\_asym\_left\_avg\_diff\_bpm4aX\_slope vs run



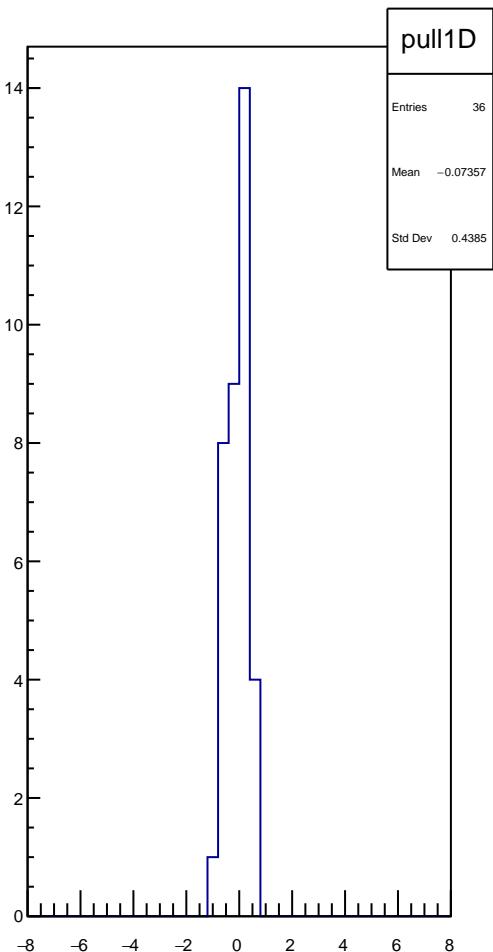
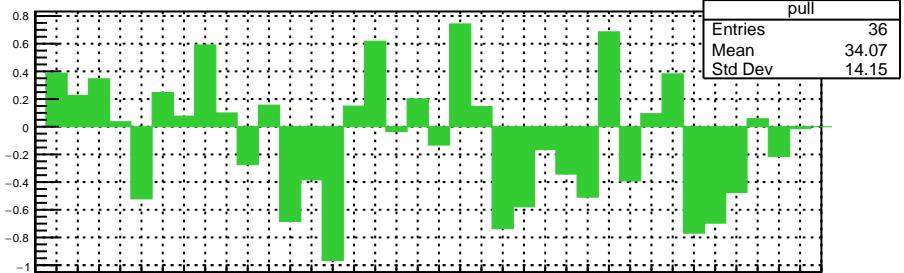
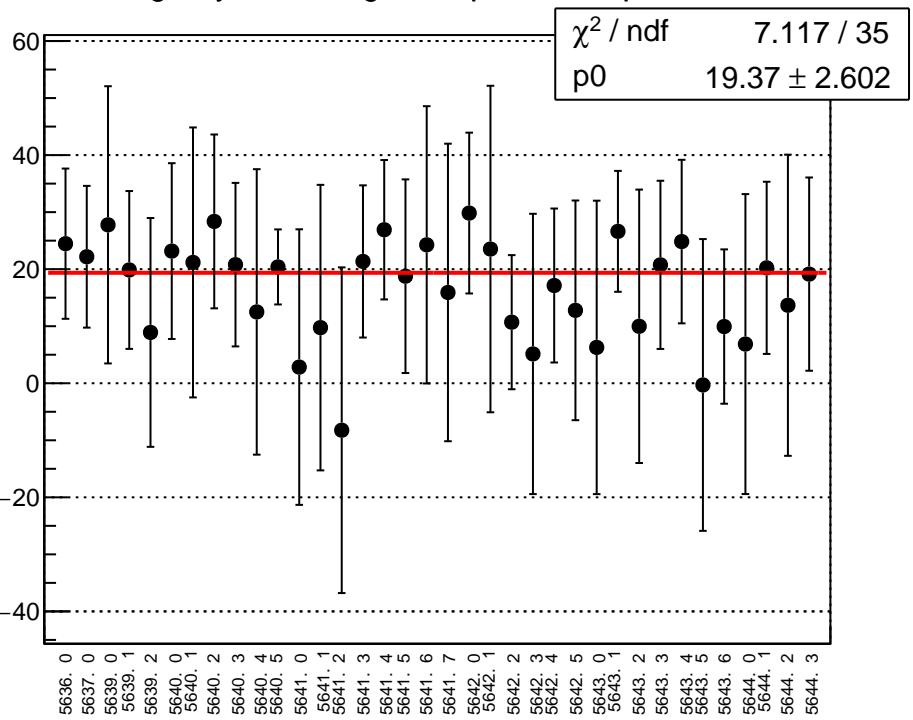
# reg\_asym\_left\_avg\_diff\_bpm4aY\_slope vs run



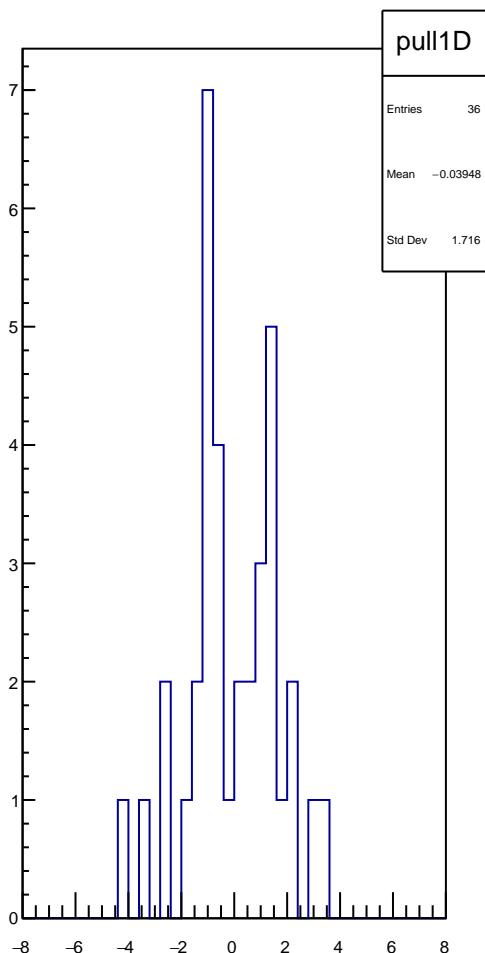
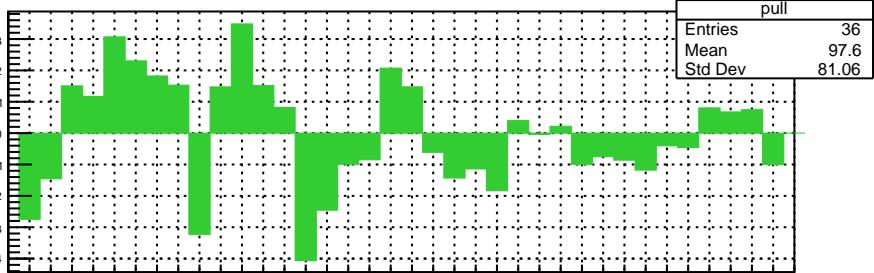
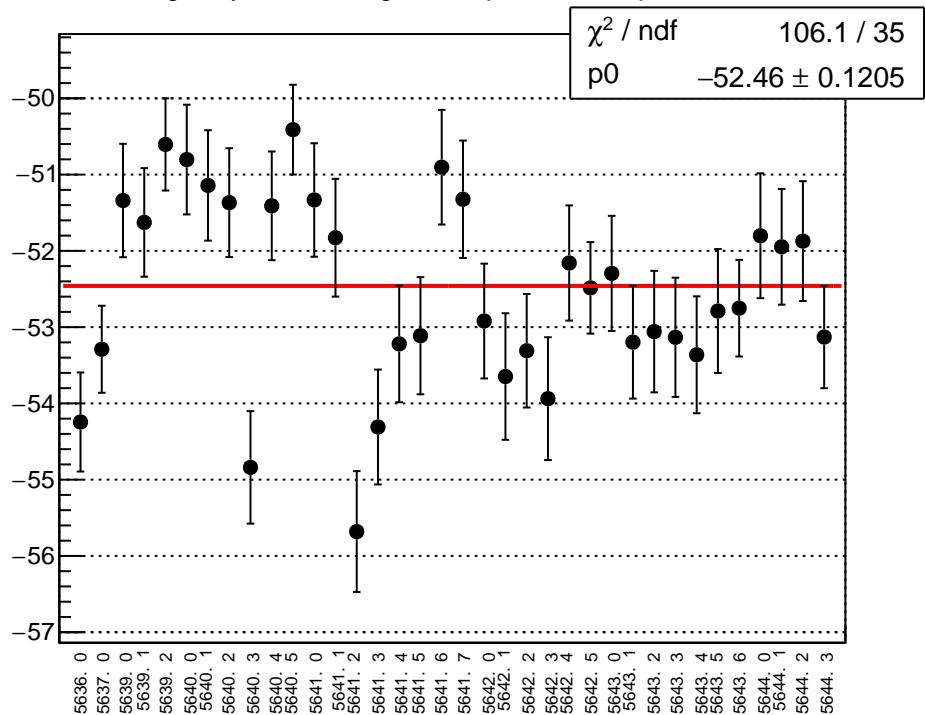
# reg\_asym\_left\_avg\_diff\_bpm4eX\_slope vs run



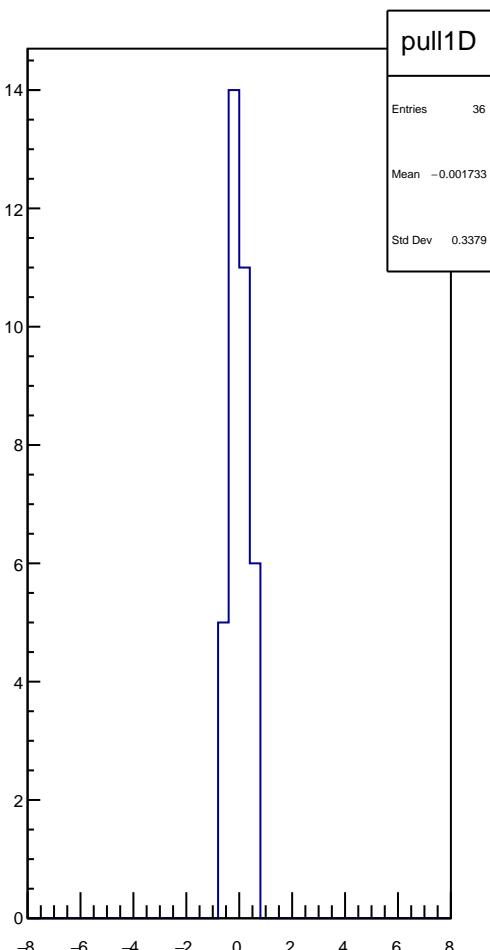
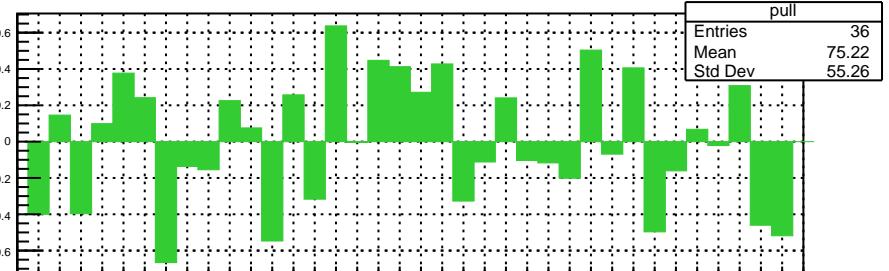
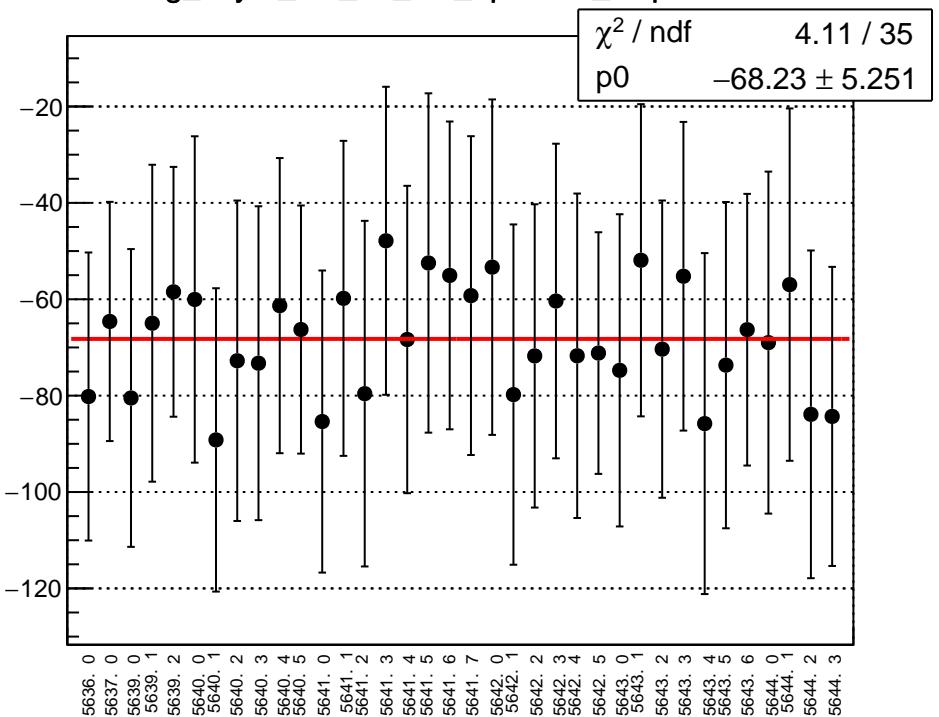
# reg\_asym\_left\_avg\_diff\_bpm4eY\_slope vs run



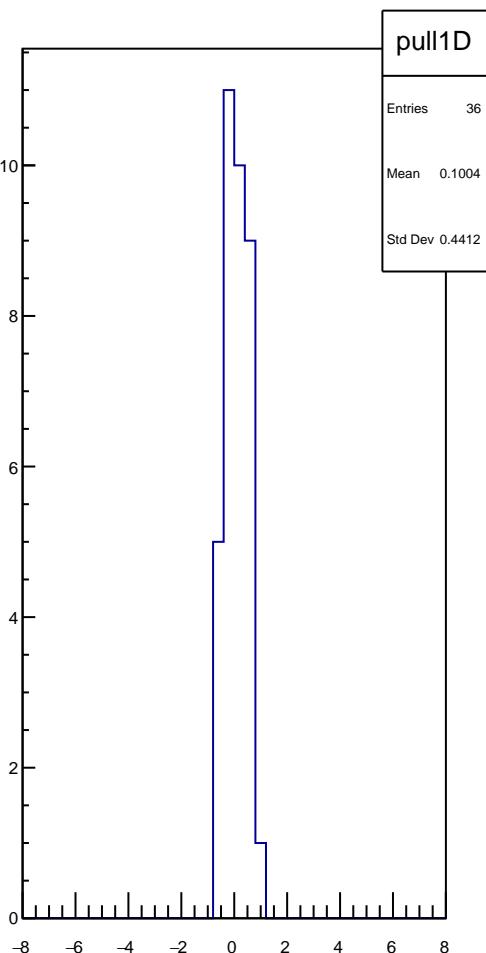
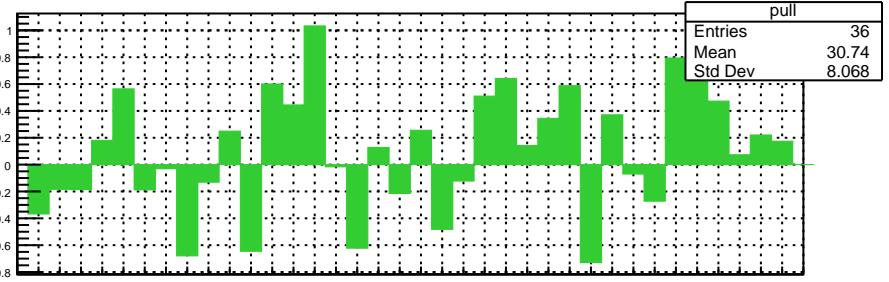
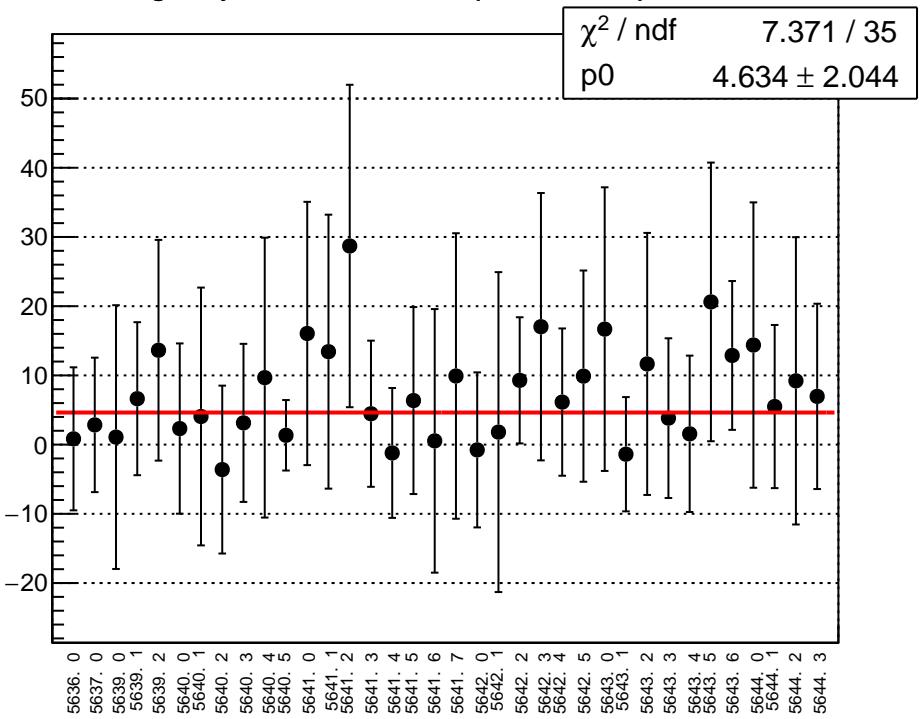
# reg\_asym\_left\_avg\_diff\_bpm12X\_slope vs run



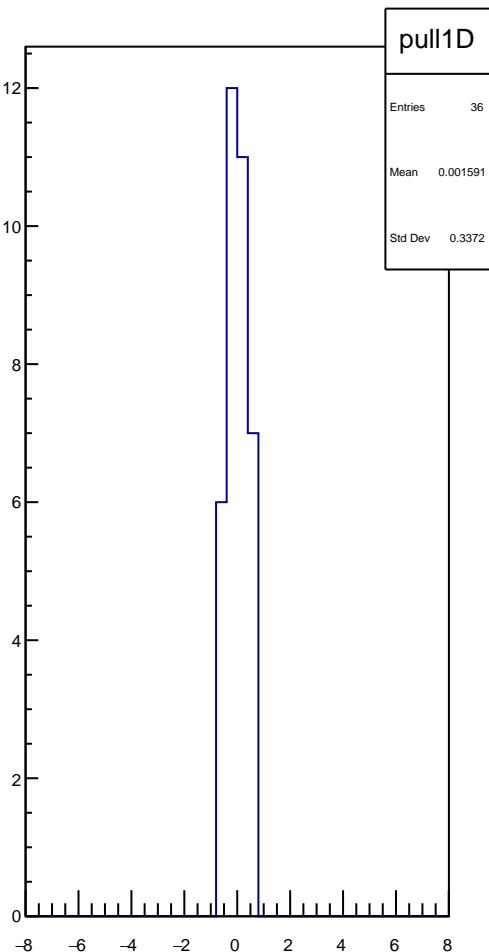
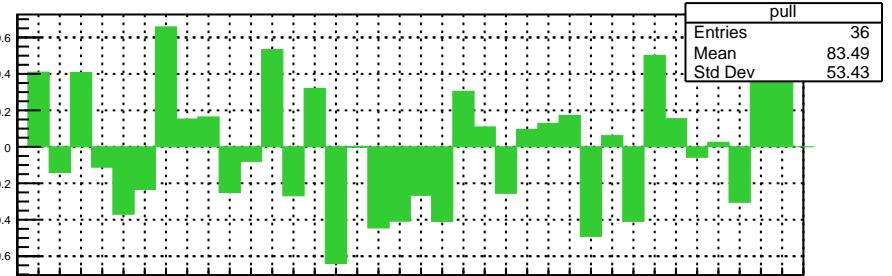
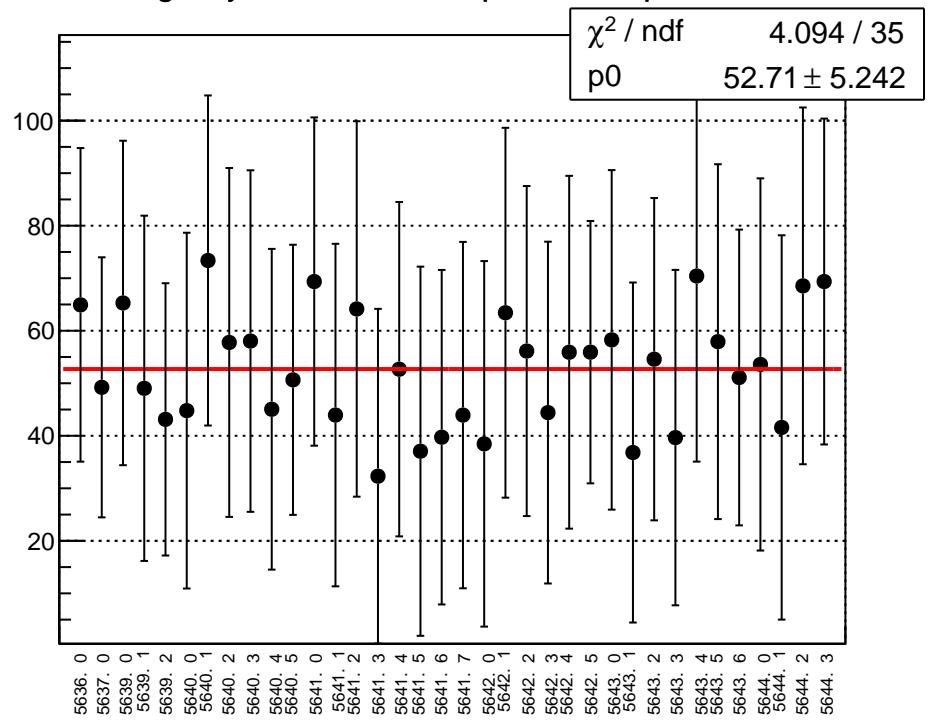
# reg\_asym\_left\_dd\_diff\_bpm4aX\_slope vs run



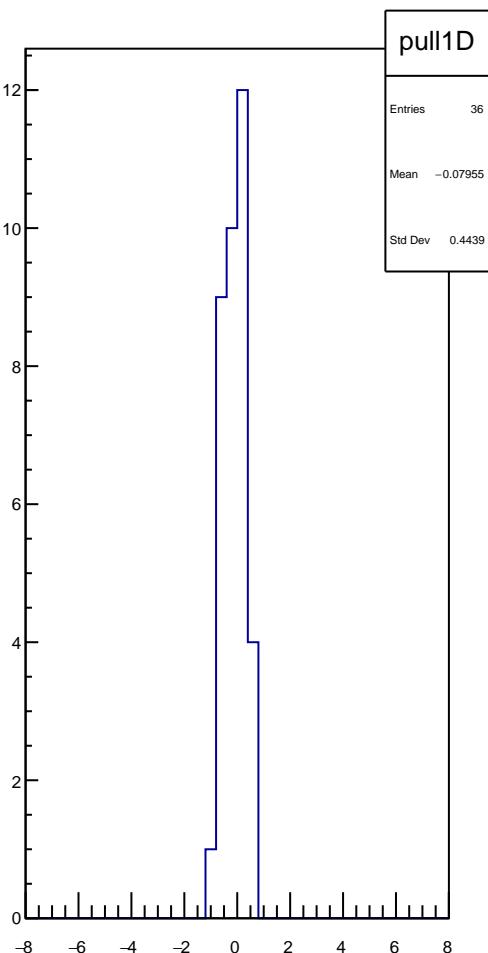
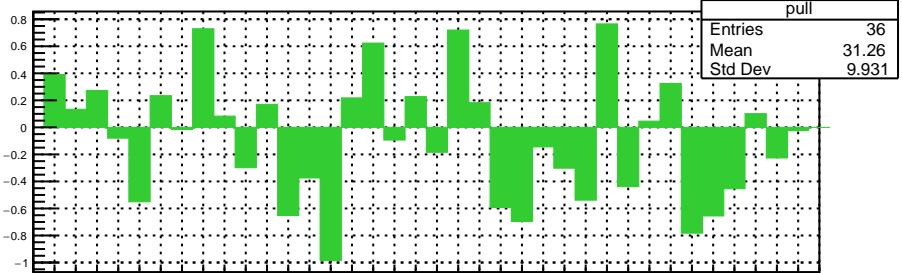
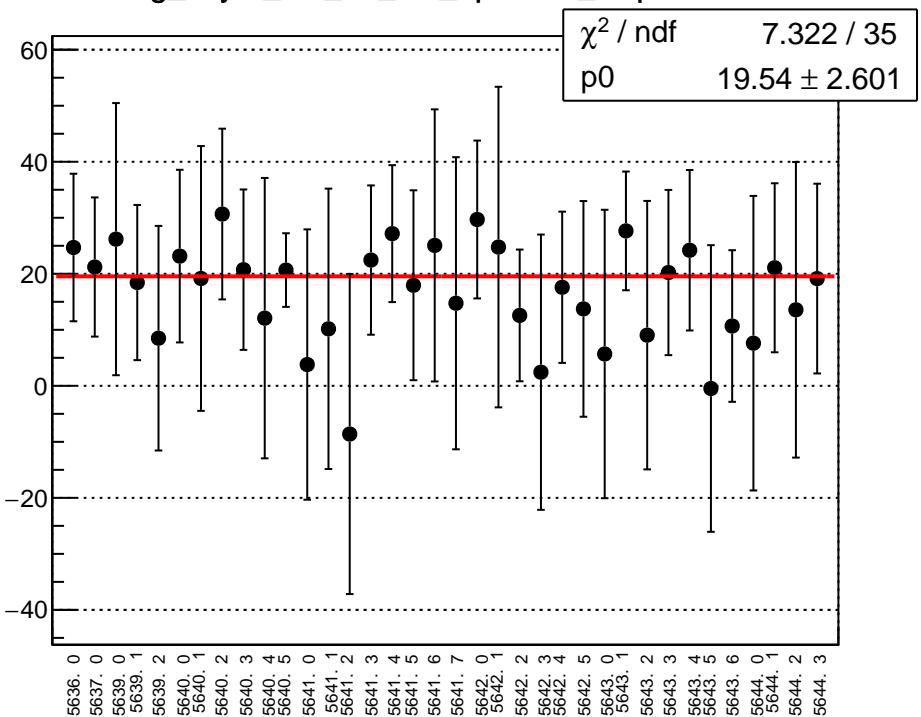
# reg\_asym\_left\_dd\_diff\_bpm4aY\_slope vs run



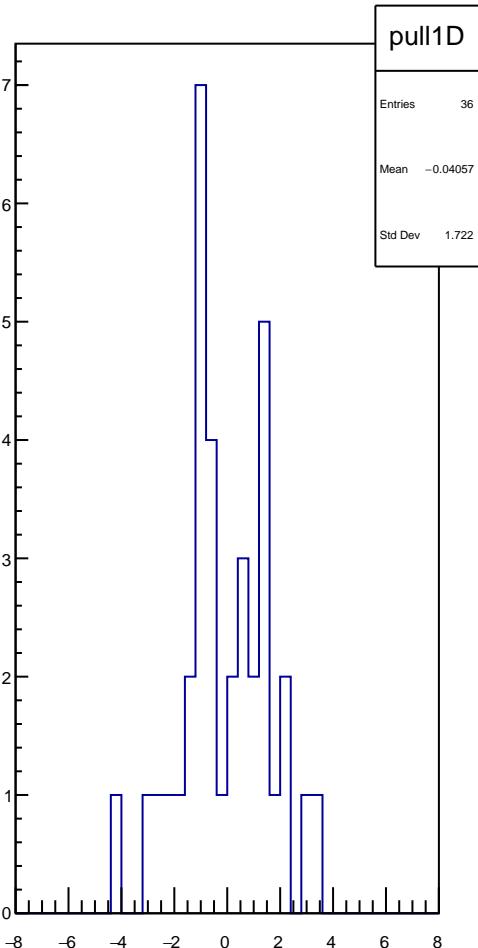
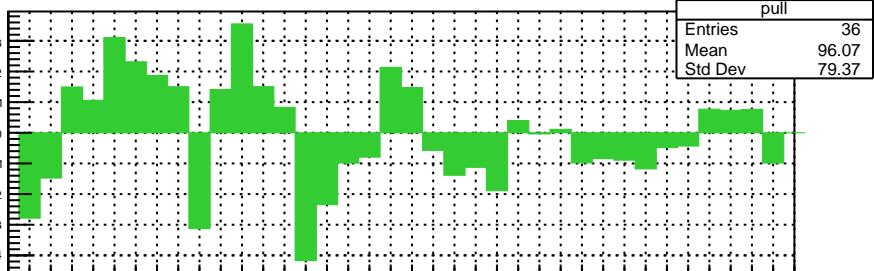
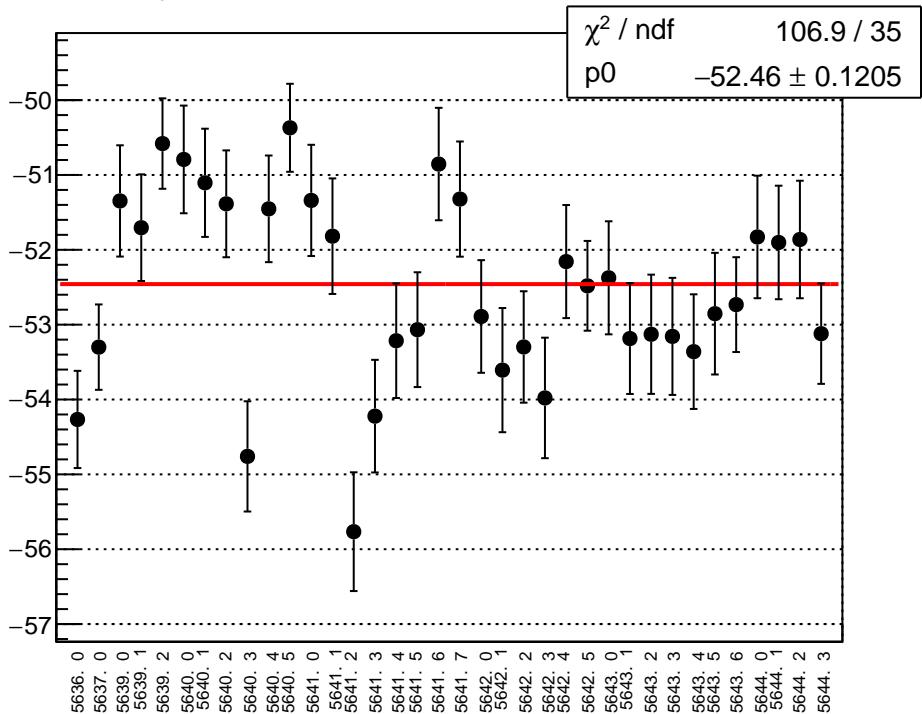
# reg\_asym\_left\_dd\_diff\_bpm4eX\_slope vs run



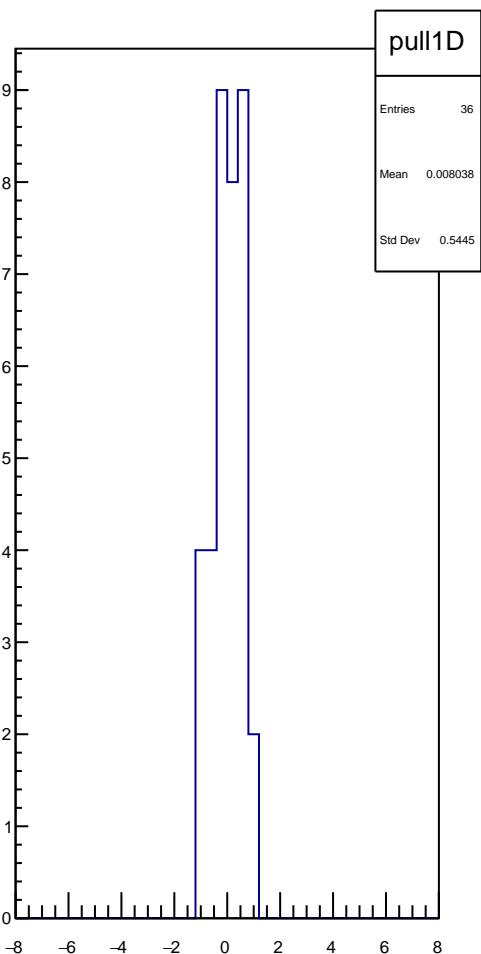
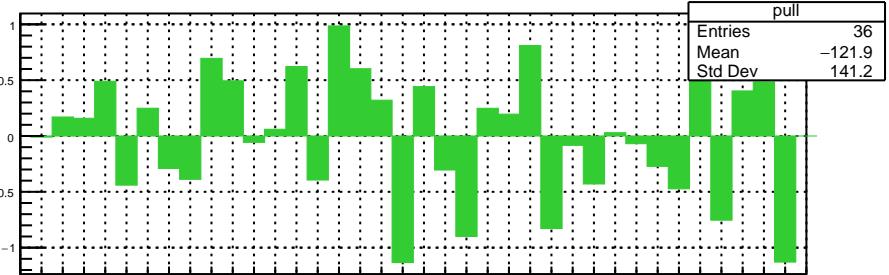
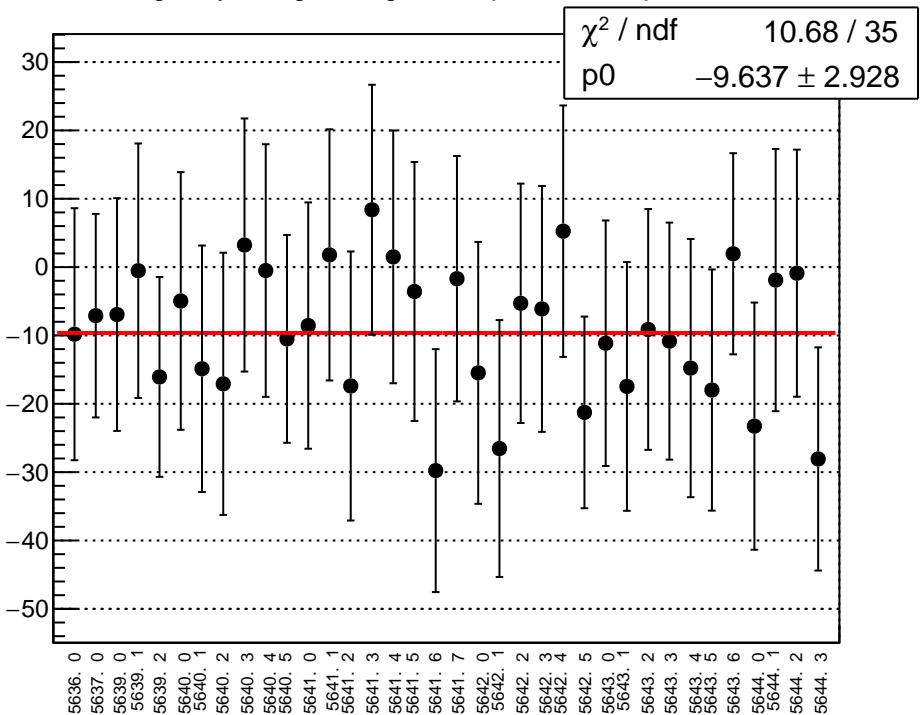
# reg\_asym\_left\_dd\_diff\_bpm4eY\_slope vs run



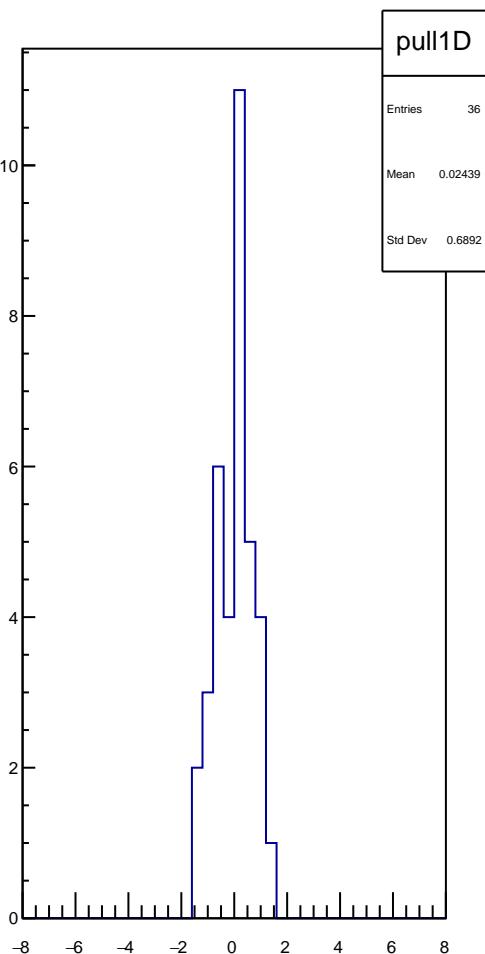
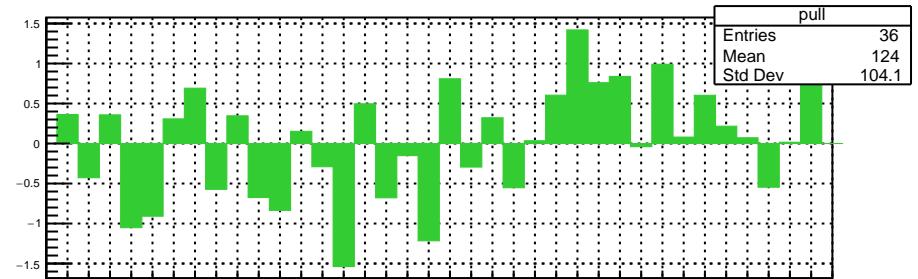
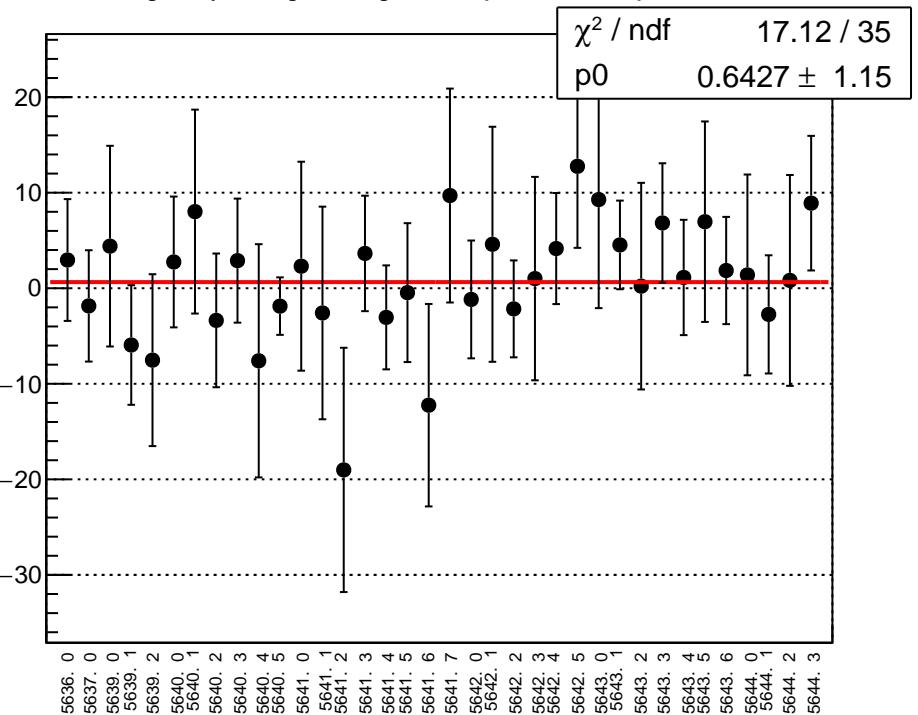
# reg\_asym\_left\_dd\_diff\_bpm12X\_slope vs run



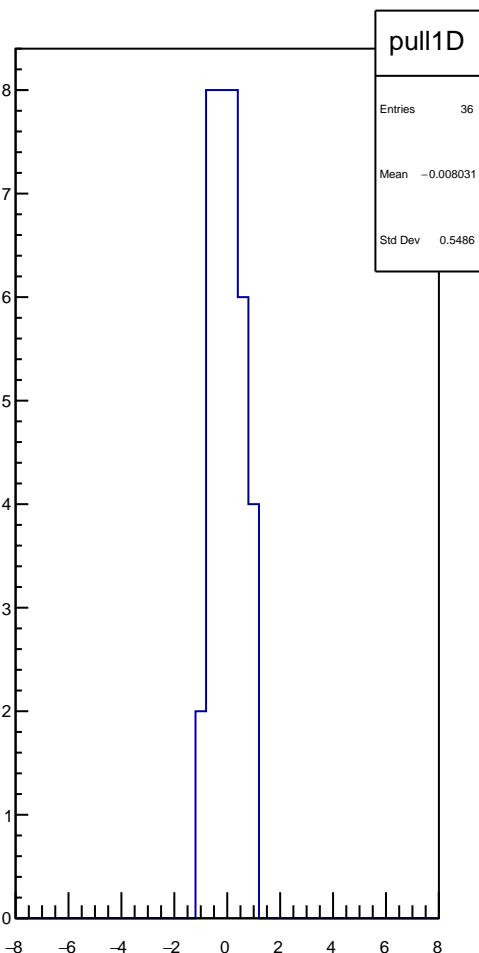
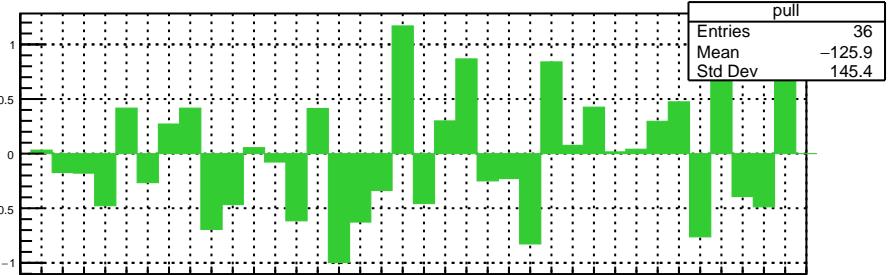
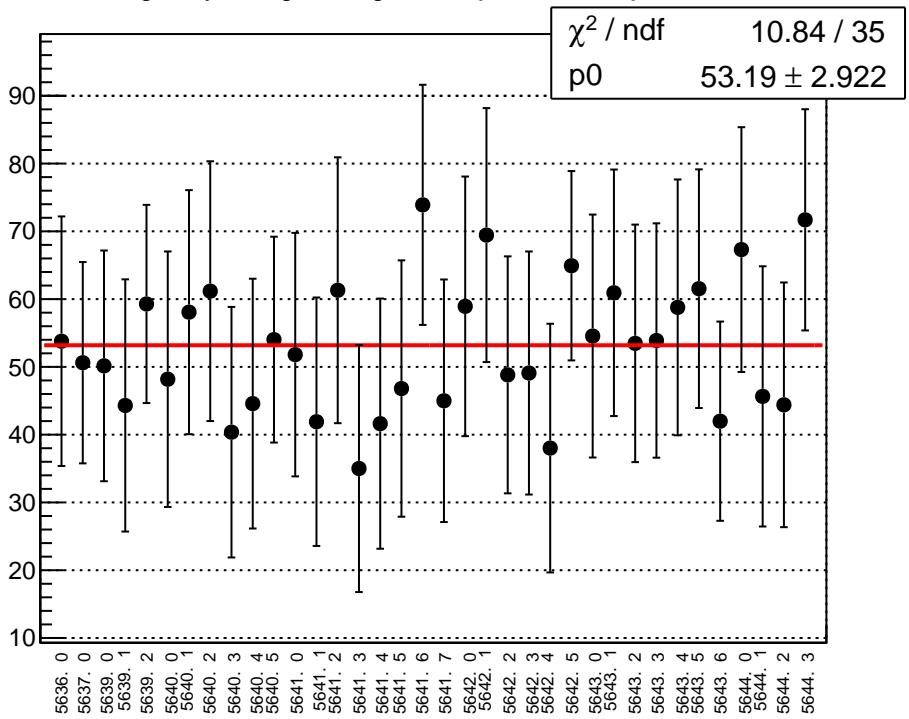
reg\_asym\_right\_avg\_diff\_bpm4aX\_slope vs run



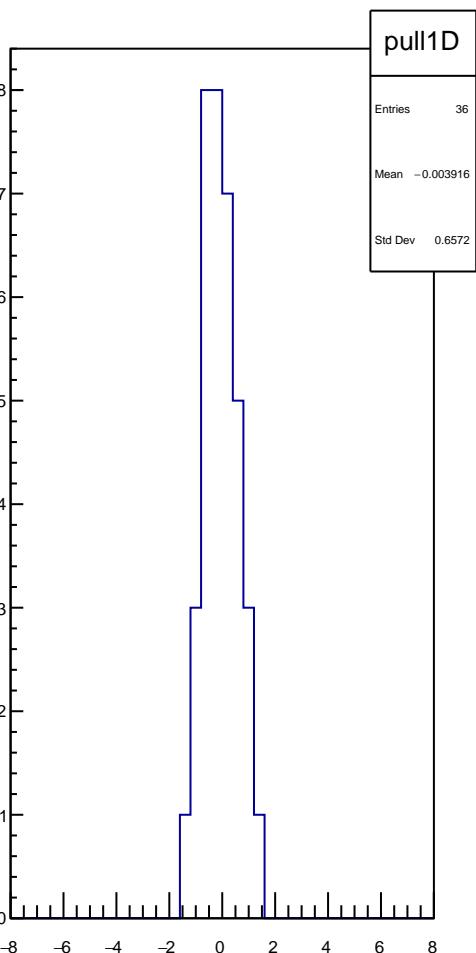
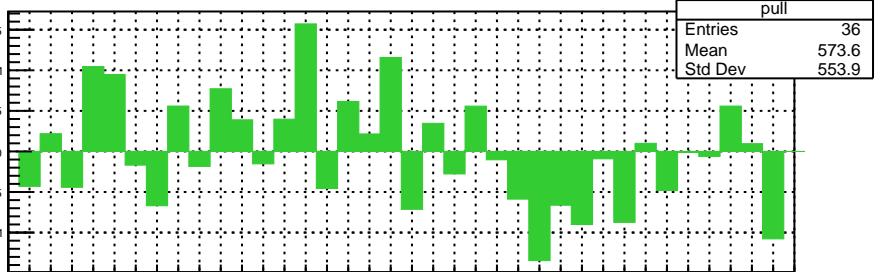
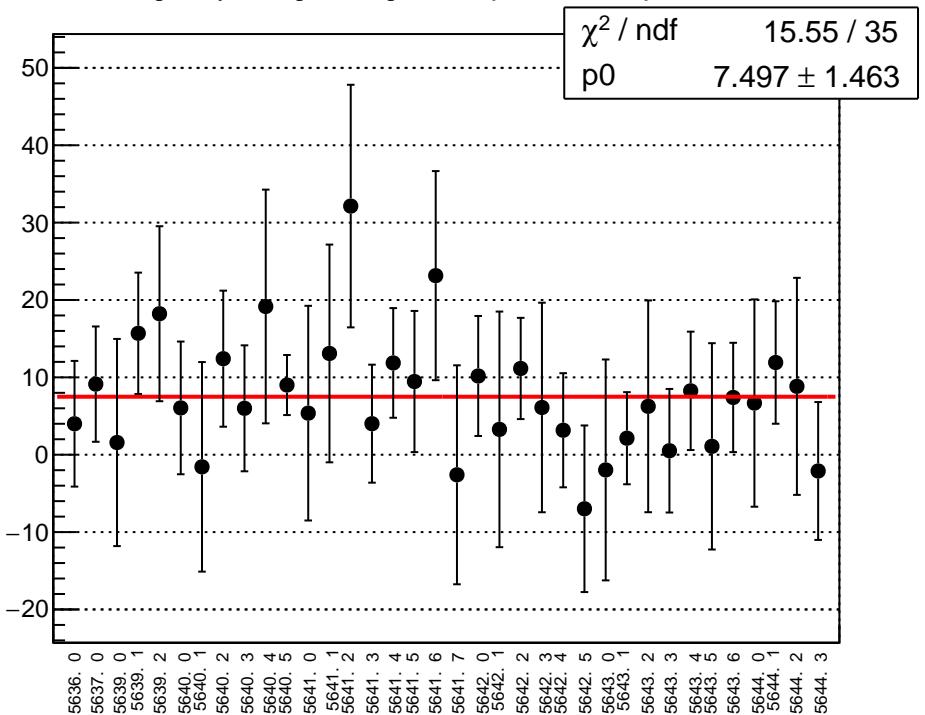
# reg\_asym\_right\_avg\_diff\_bpm4aY\_slope vs run



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

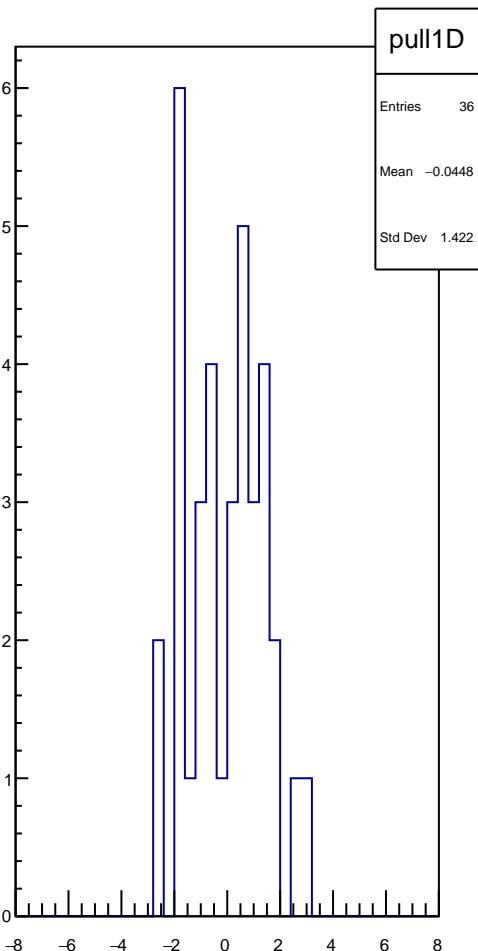
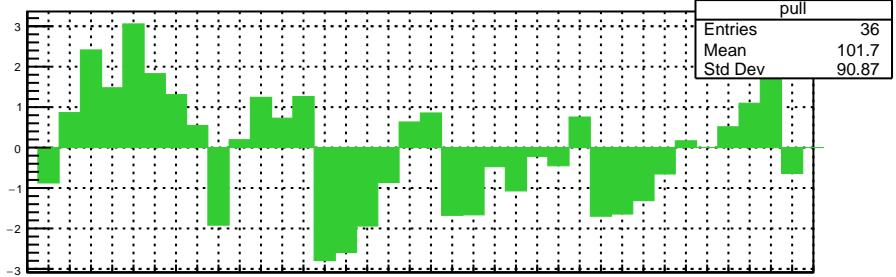
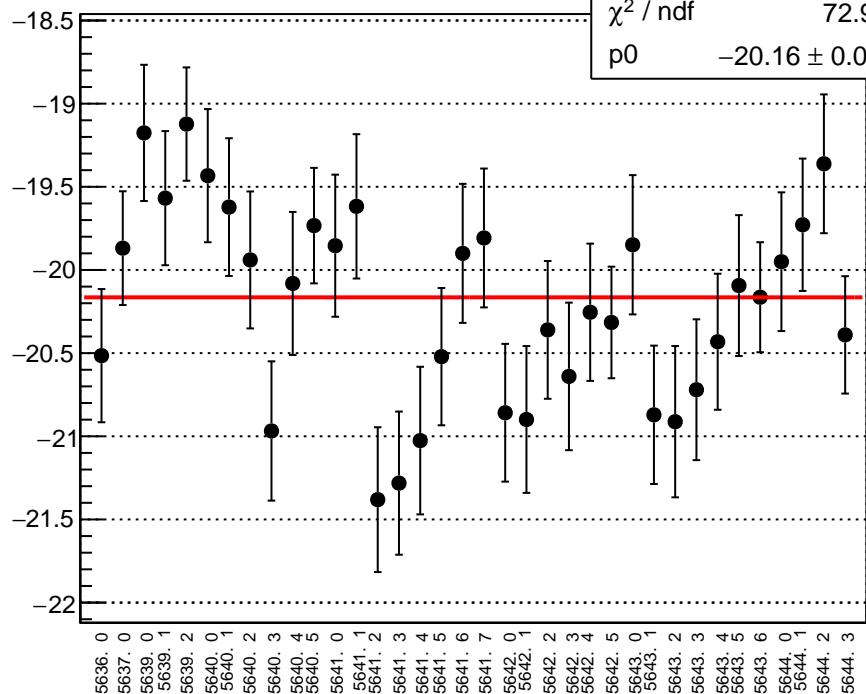


reg\_asym\_right\_avg\_diff\_bpm4eY\_slope vs run

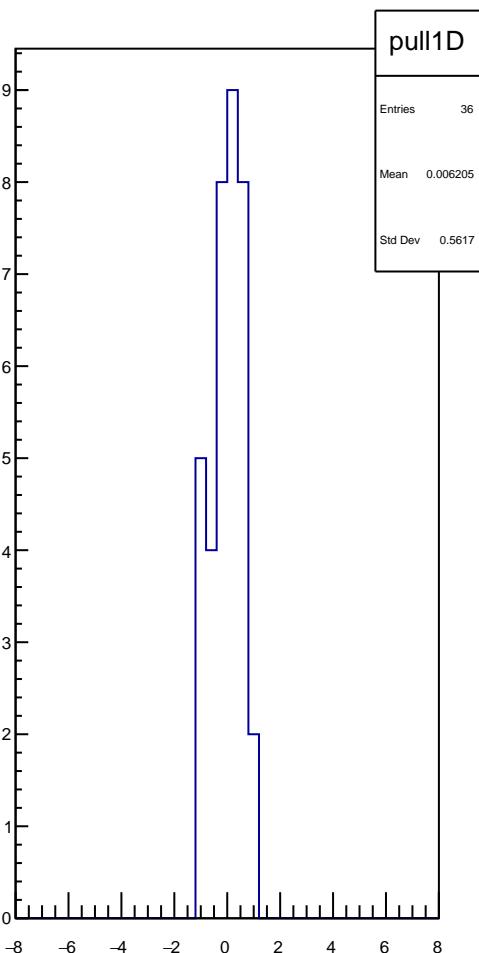
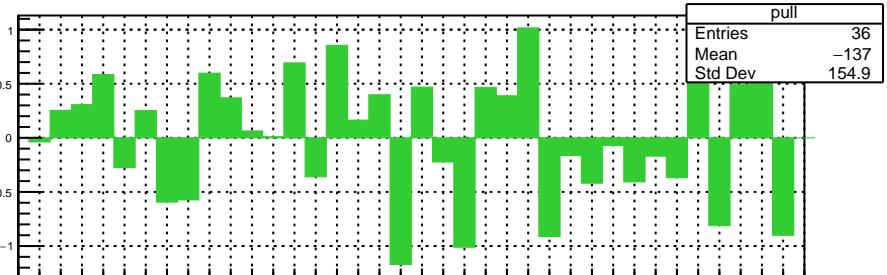
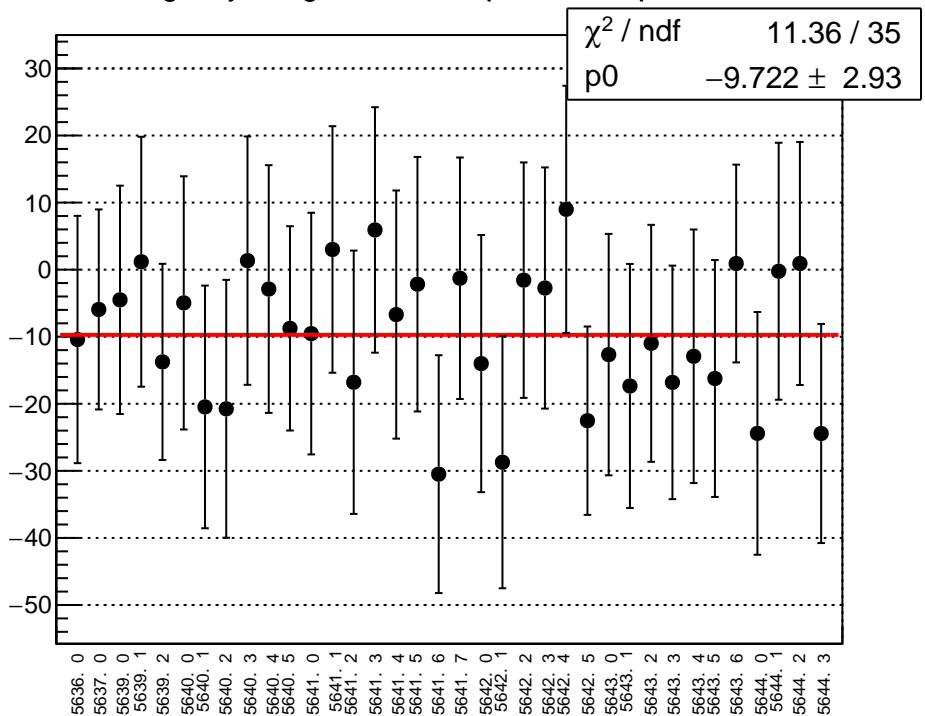


reg\_asym\_right\_avg\_diff\_bpm12X\_slope vs run

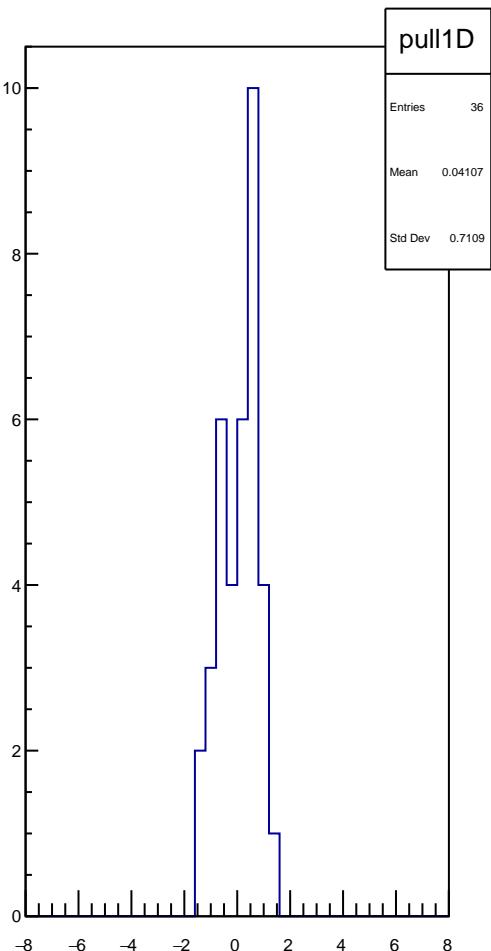
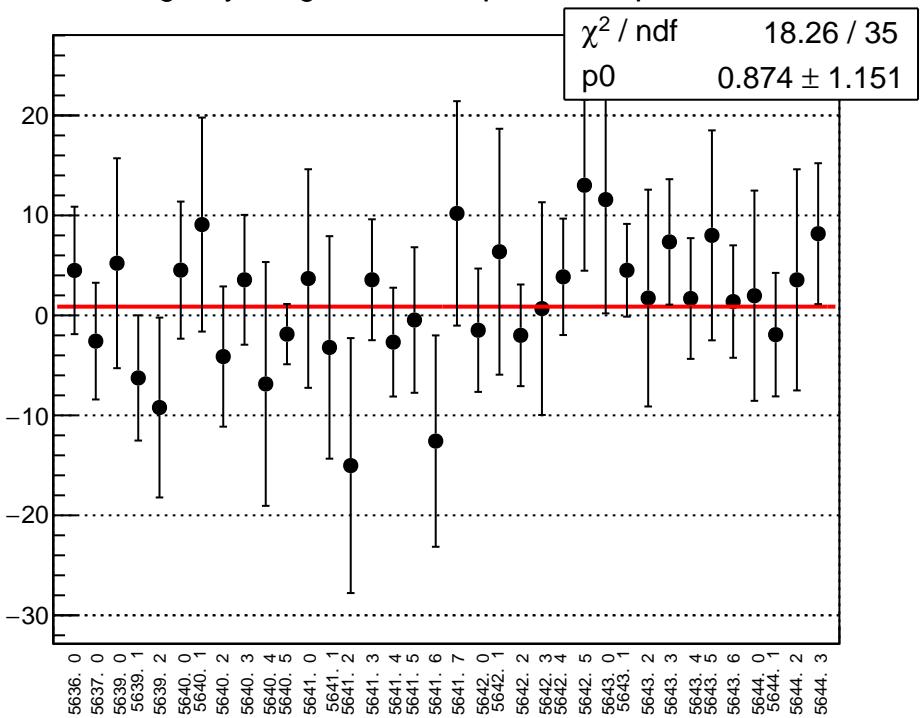
$\chi^2 / \text{ndf}$  72.9 / 35  
p0  $-20.16 \pm 0.06715$



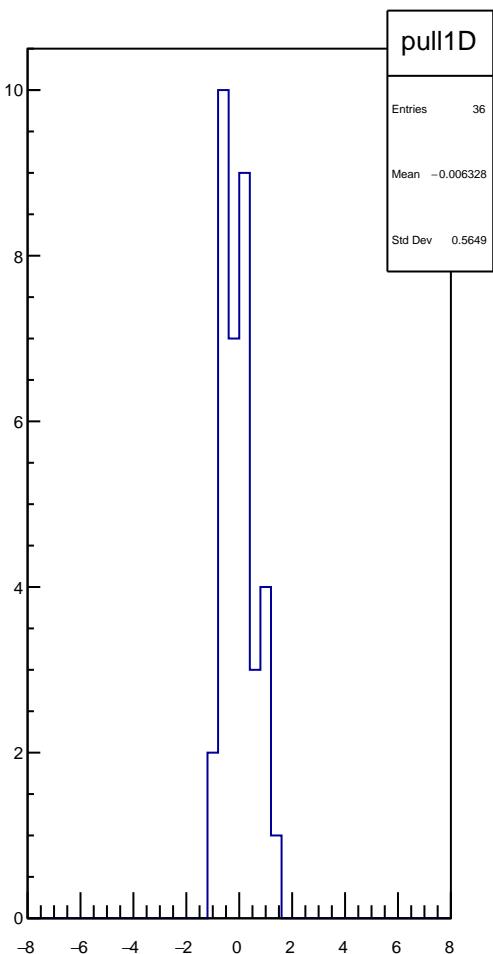
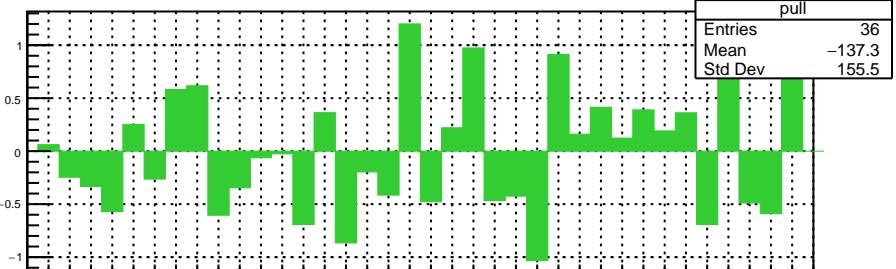
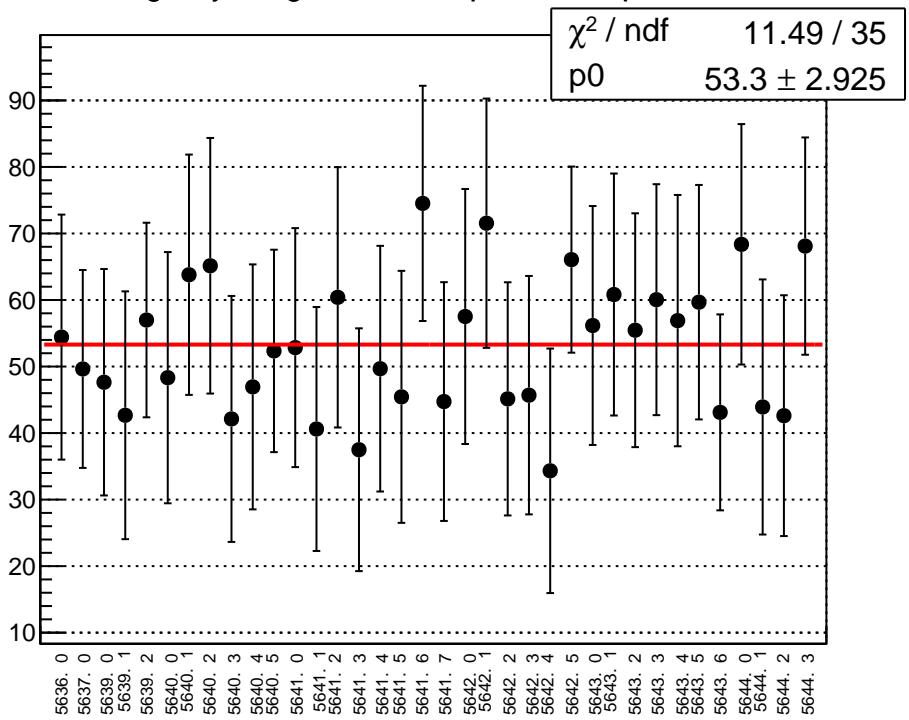
# reg\_asym\_right\_dd\_diff\_bpm4aX\_slope vs run



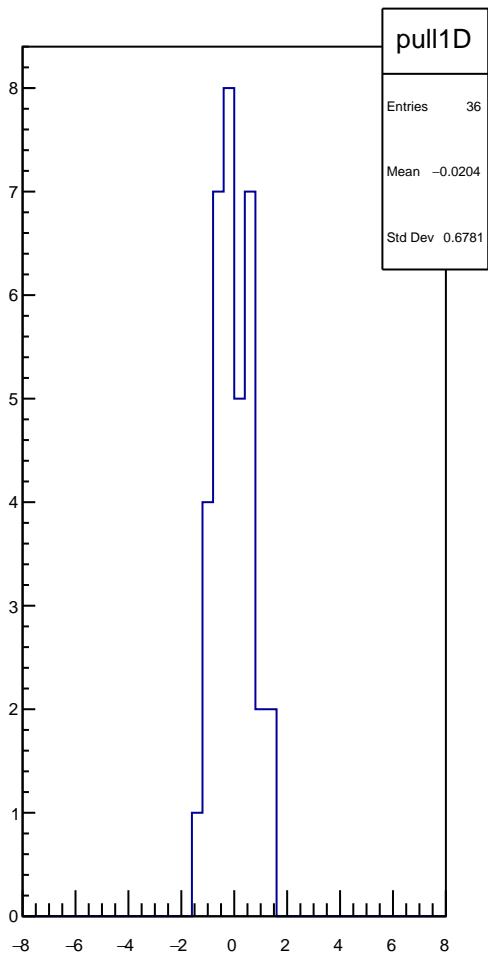
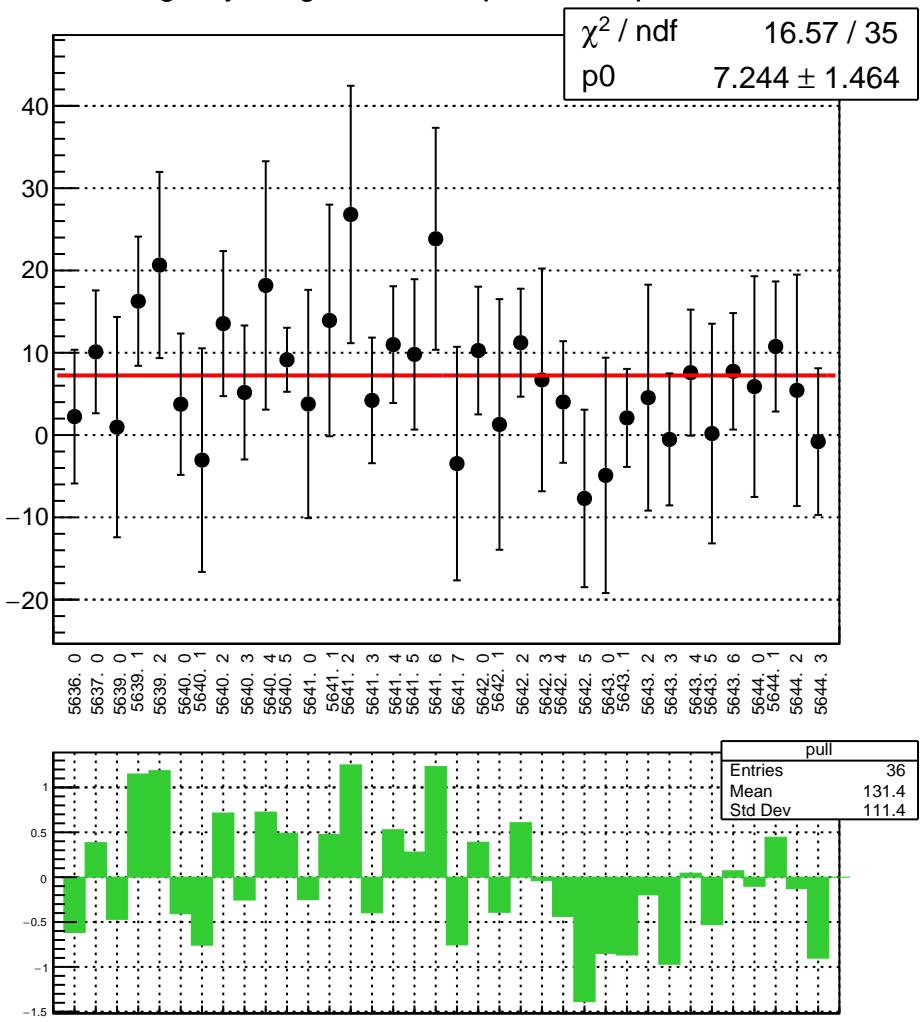
reg\_asym\_right\_dd\_diff\_bpm4aY\_slope vs run



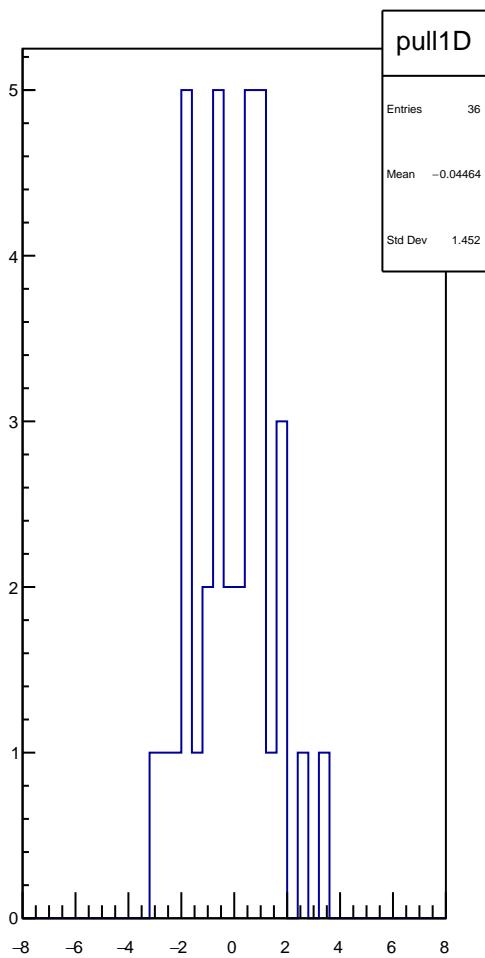
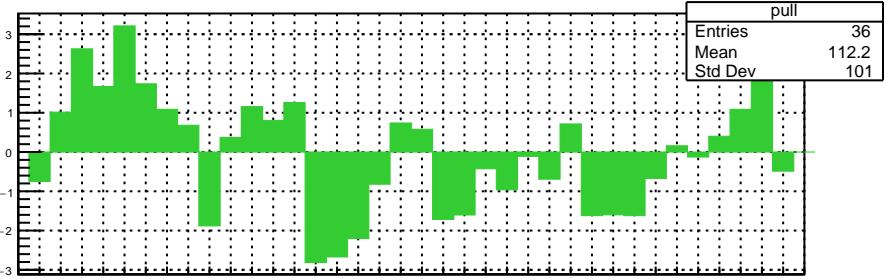
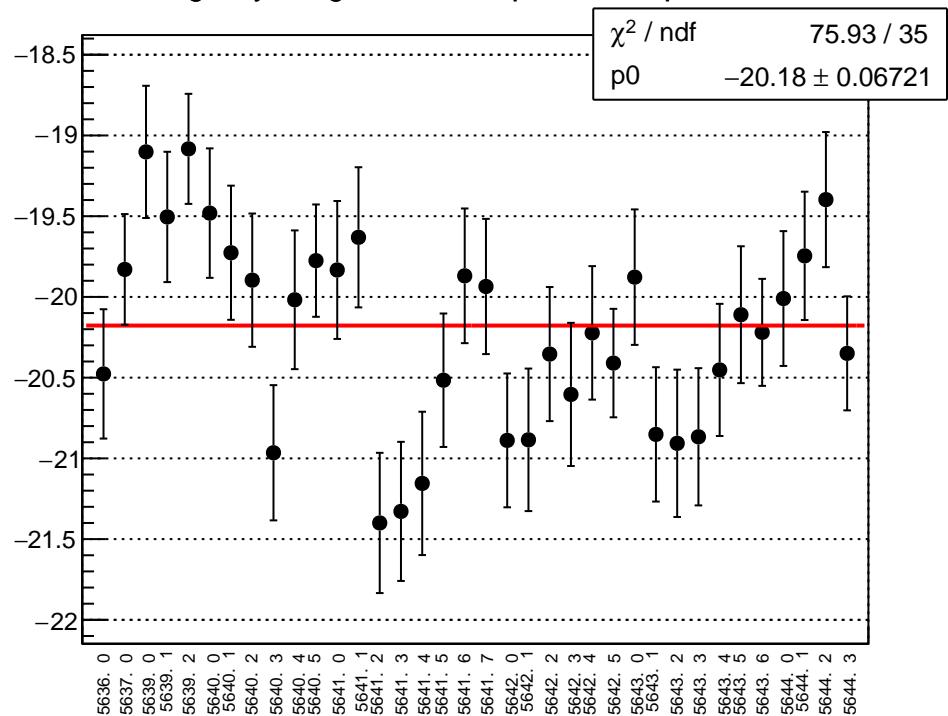
# reg\_asym\_right\_dd\_diff\_bpm4eX\_slope vs run



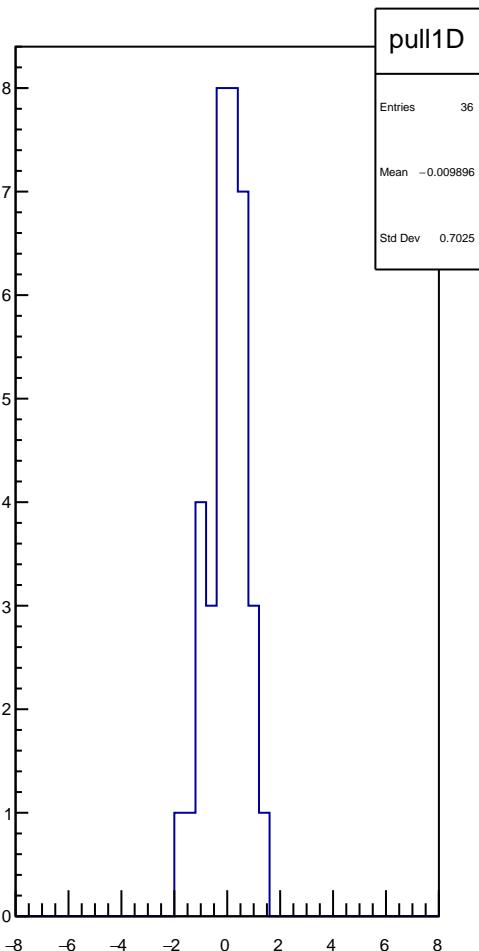
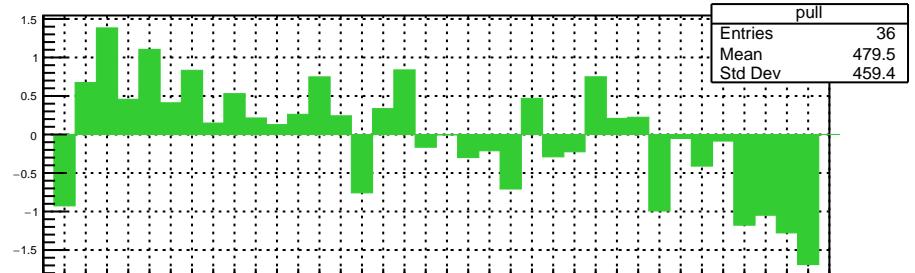
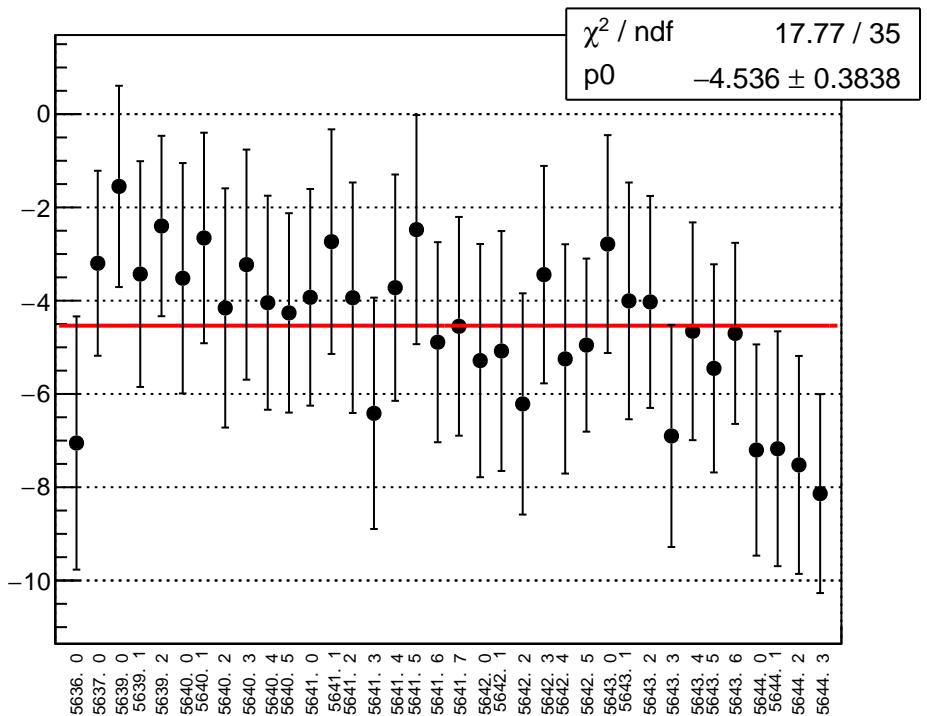
# reg\_asym\_right\_dd\_diff\_bpm4eY\_slope vs run



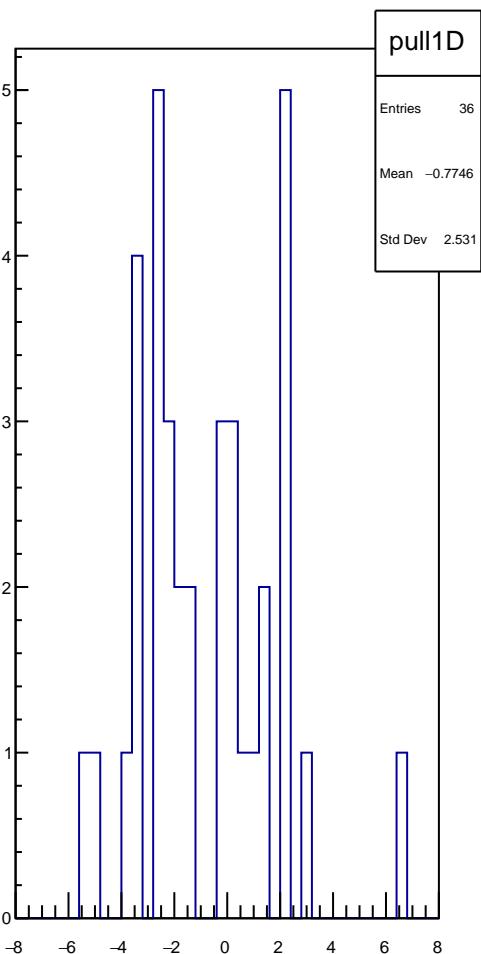
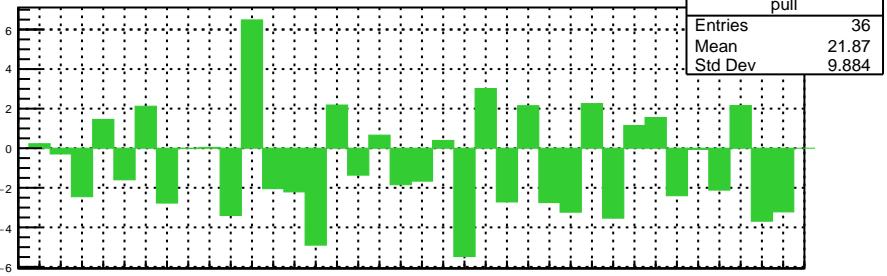
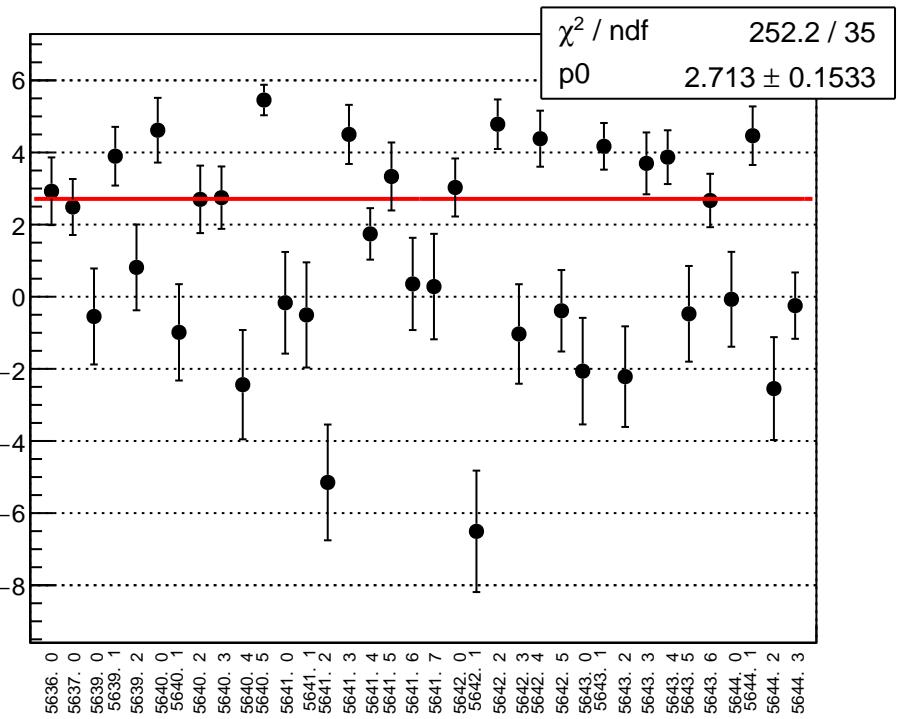
# reg\_asym\_right\_dd\_diff\_bpm12X\_slope vs run



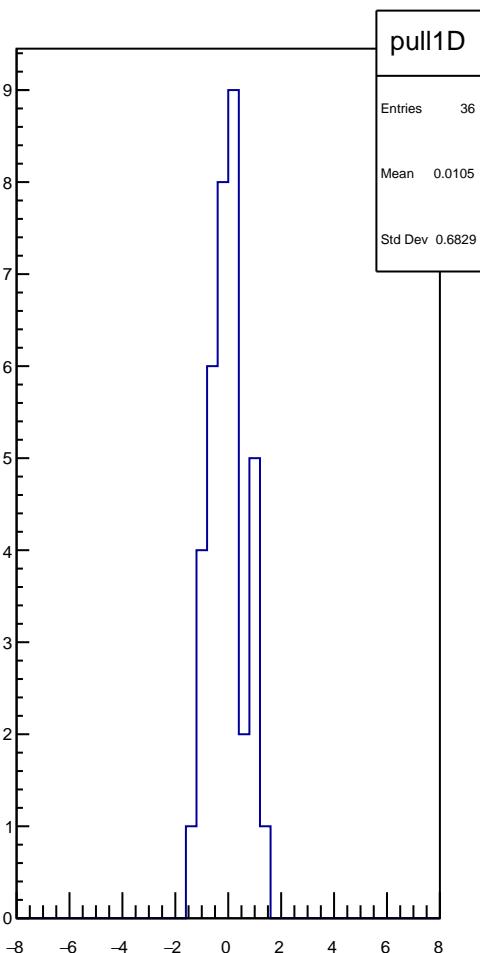
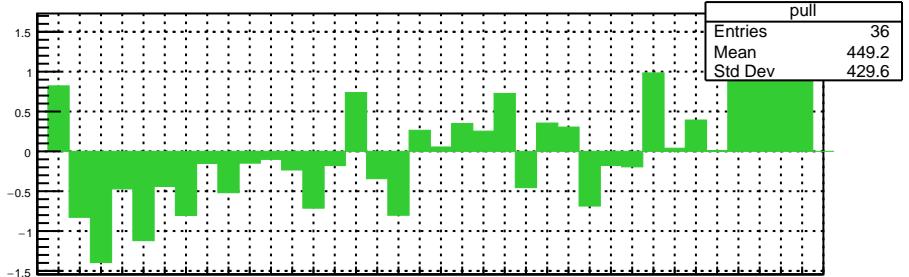
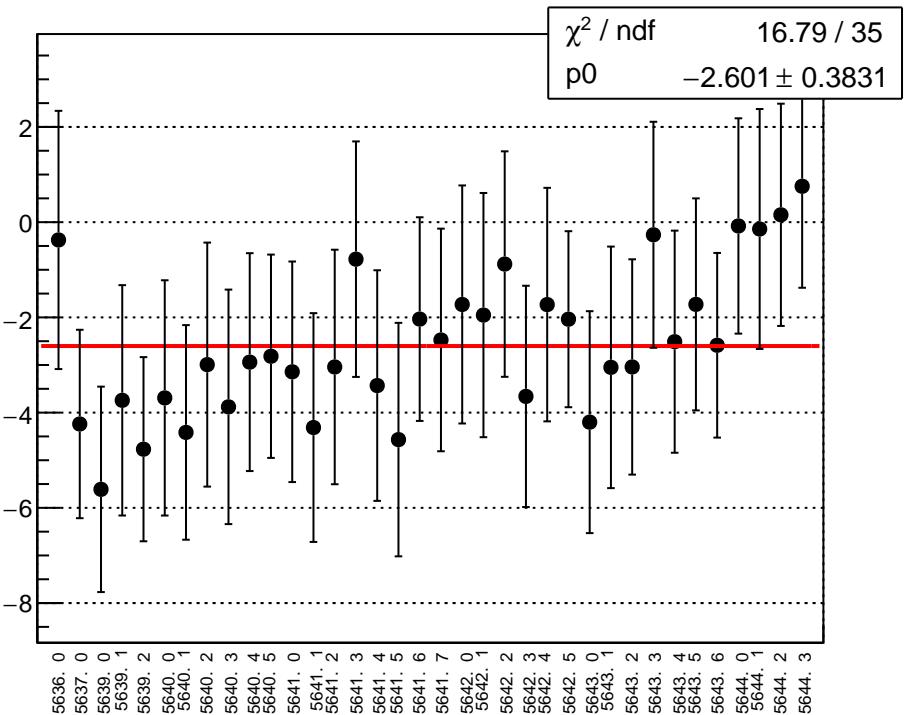
# reg\_asym\_sam\_15\_avg\_diff\_bpm4aX\_slope vs run



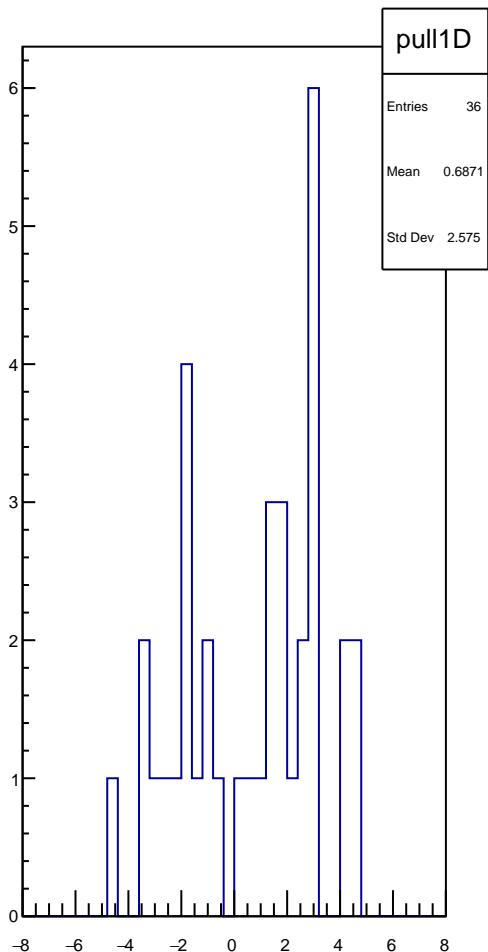
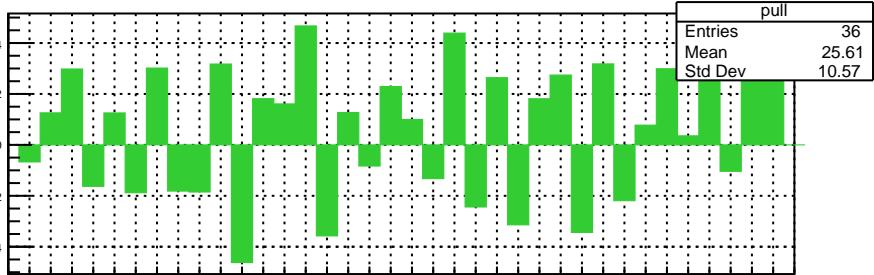
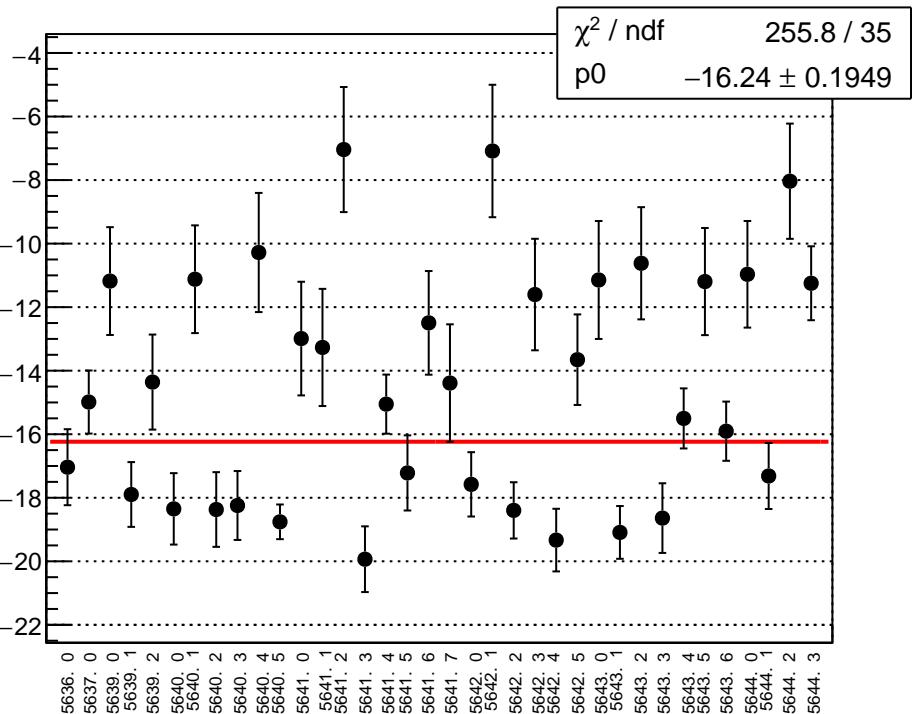
# reg\_asym\_sam\_15\_avg\_diff\_bpm4aY\_slope vs run



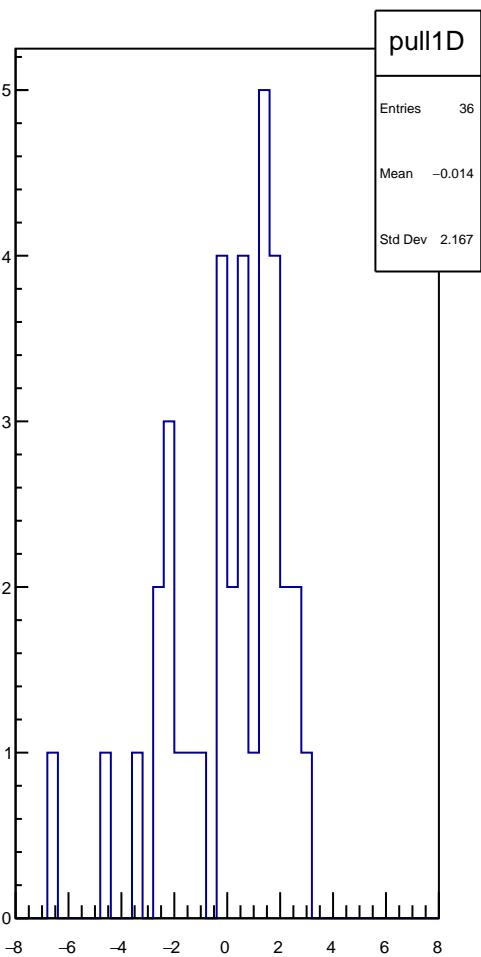
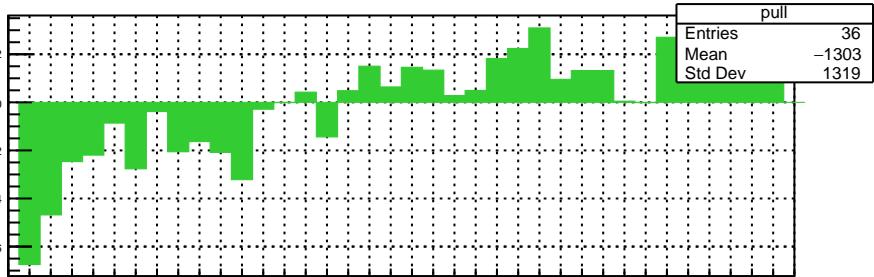
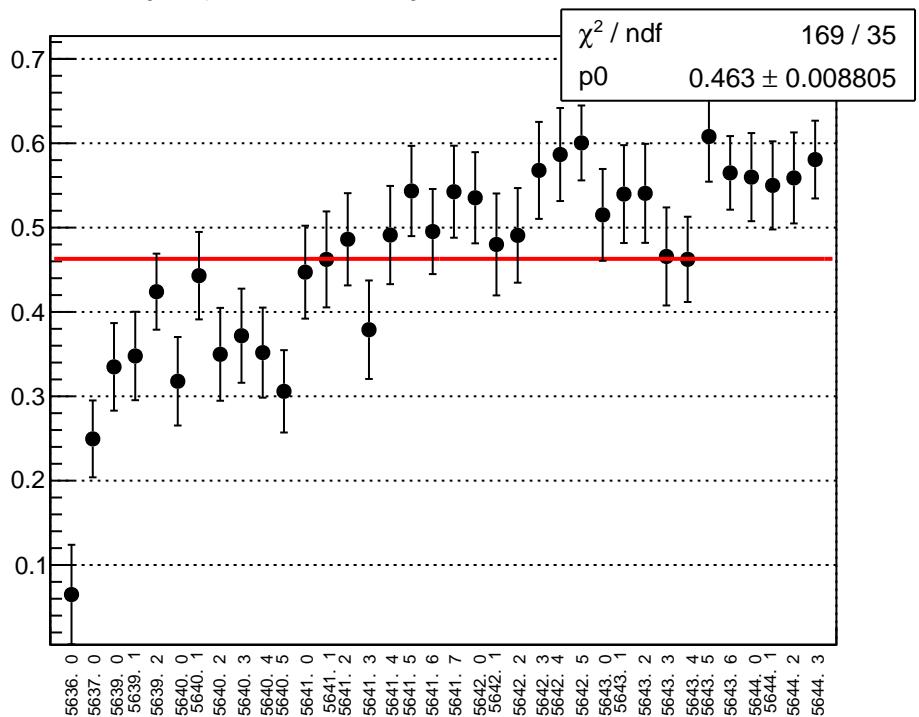
# reg\_asym\_sam\_15\_avg\_diff\_bpm4eX\_slope vs run



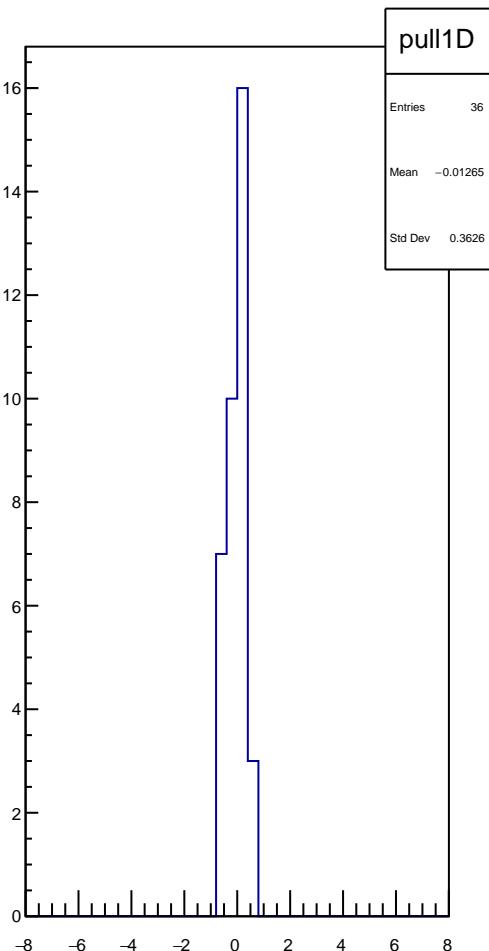
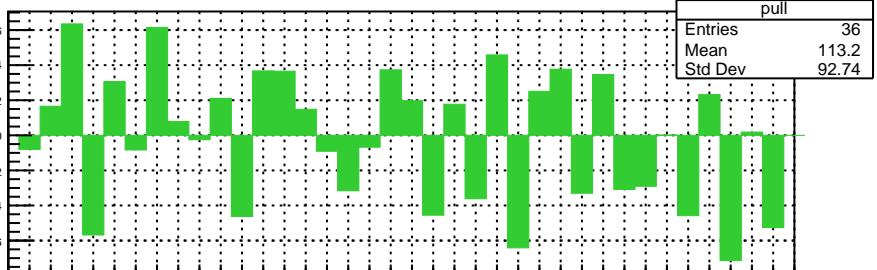
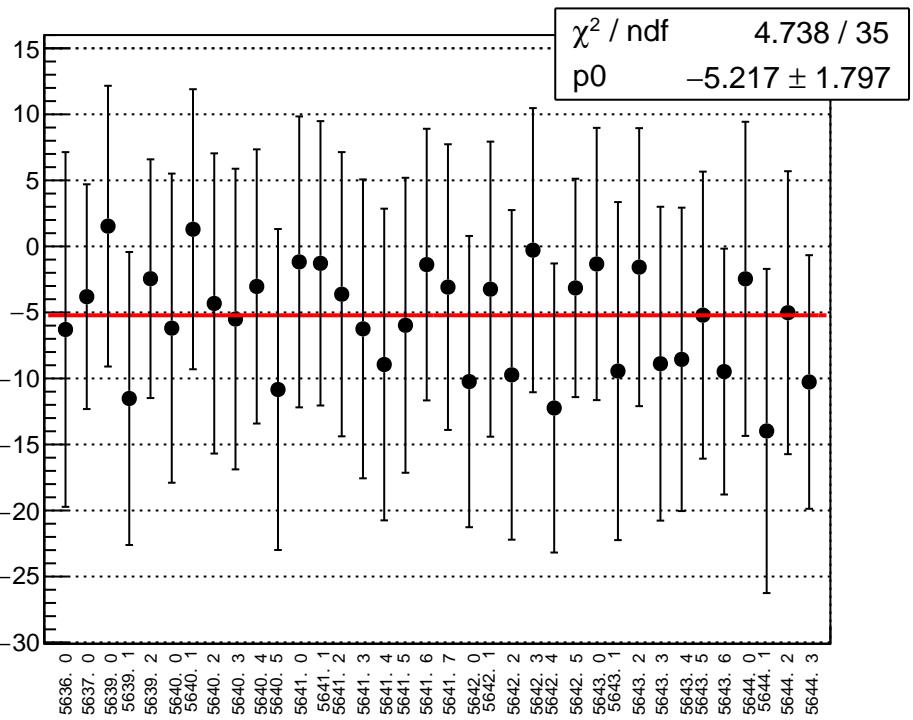
# reg\_asym\_sam\_15\_avg\_diff\_bpm4eY\_slope vs run



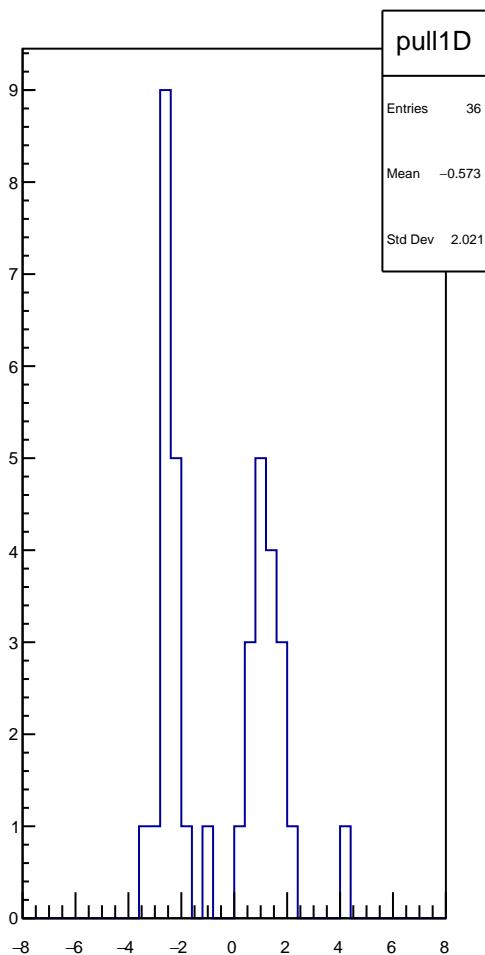
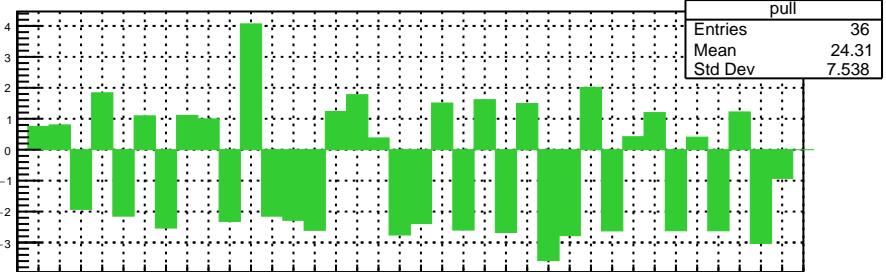
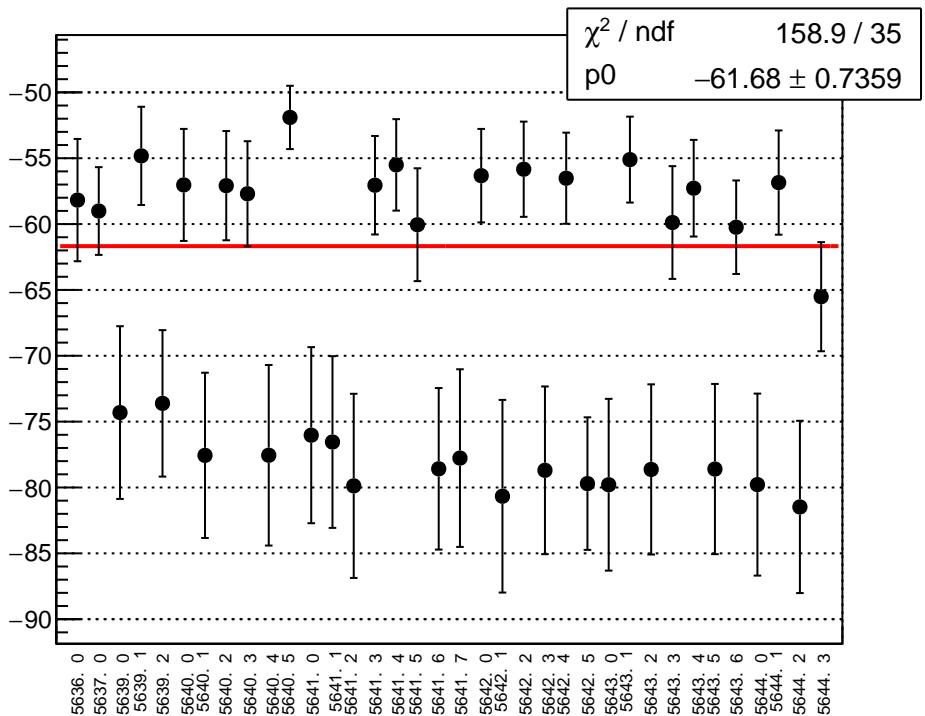
# reg\_asym\_sam\_15\_avg\_diff\_bpm12X\_slope vs run



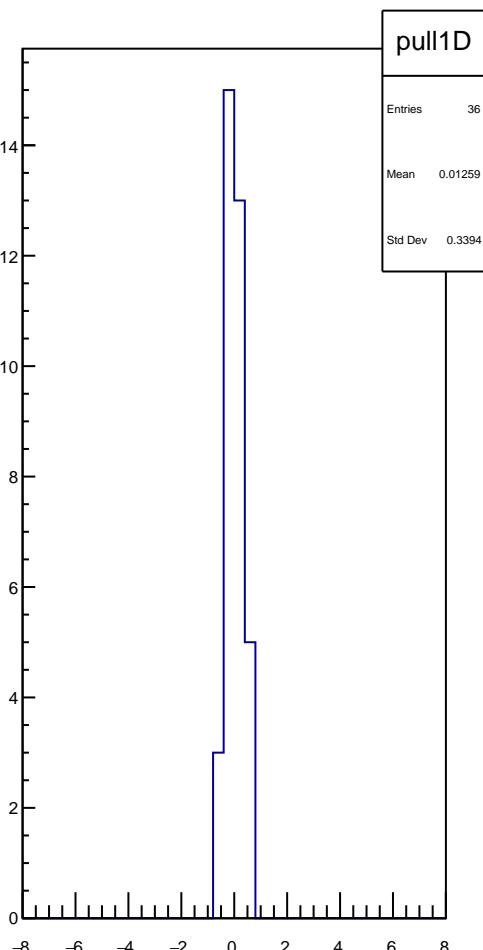
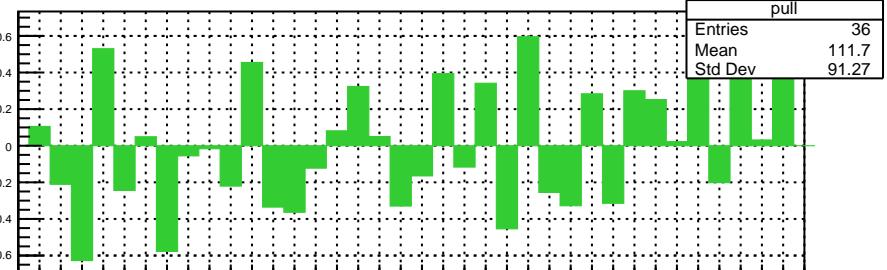
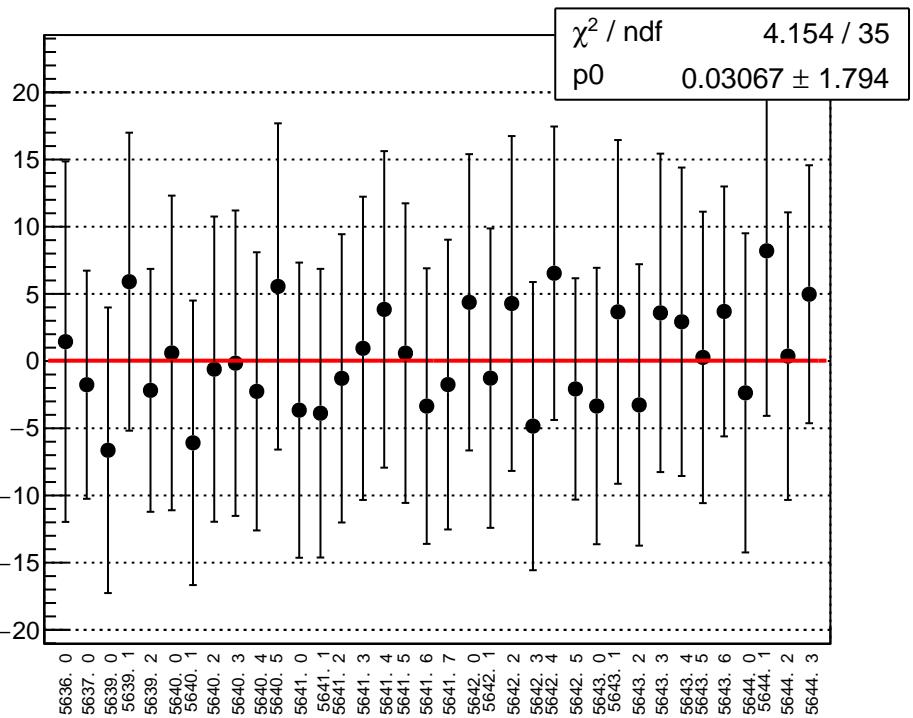
# reg\_asym.sam\_15\_dd\_diff\_bpm4aX\_slope vs run



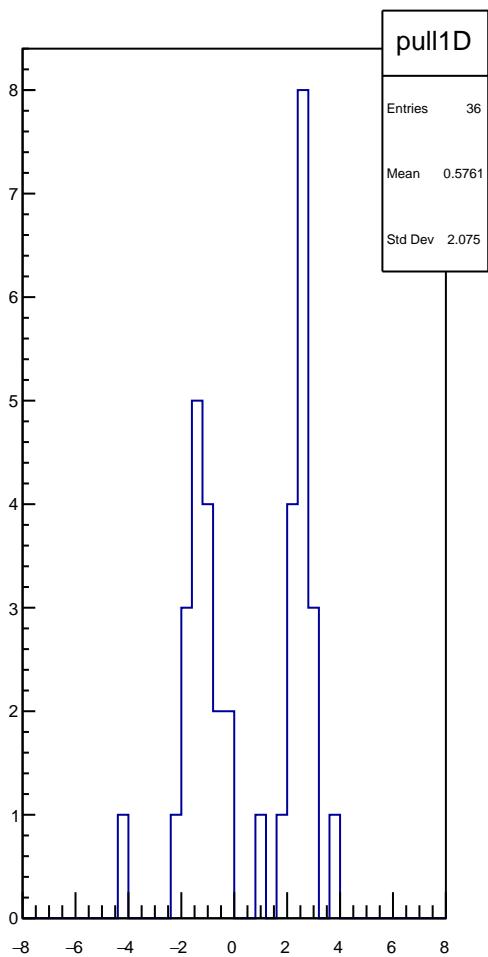
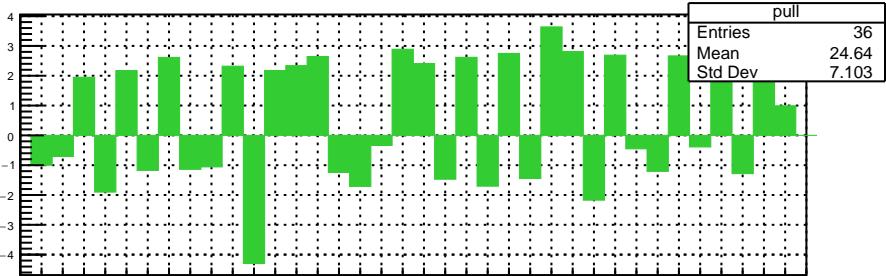
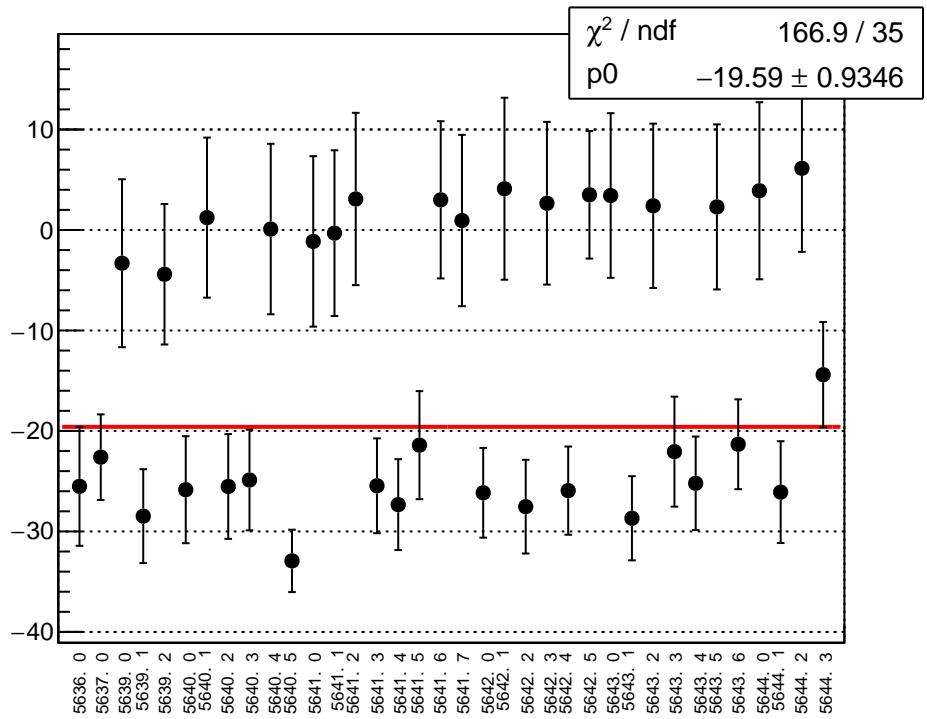
# reg\_asym.sam\_15\_dd\_diff\_bpm4aY\_slope vs run



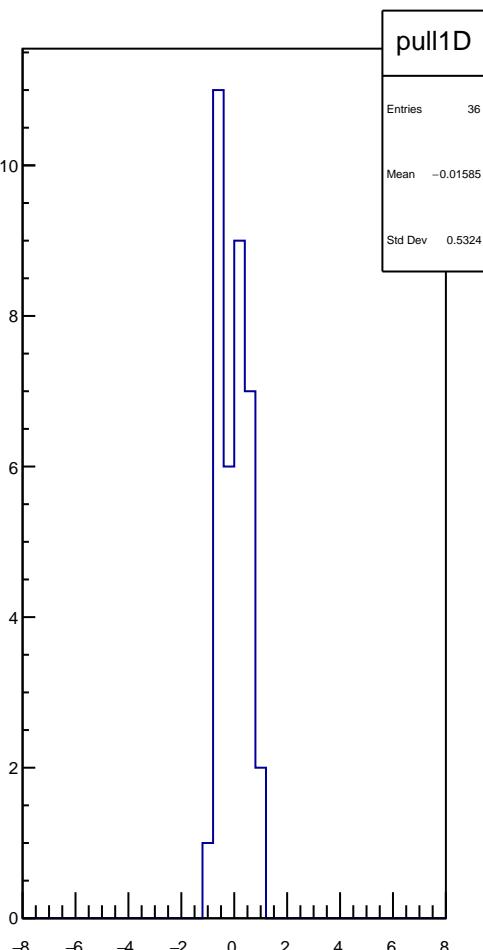
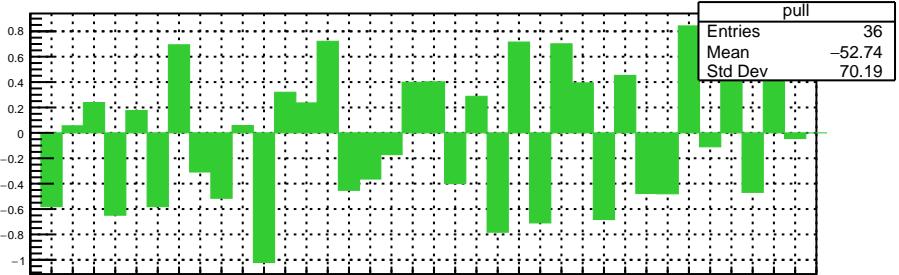
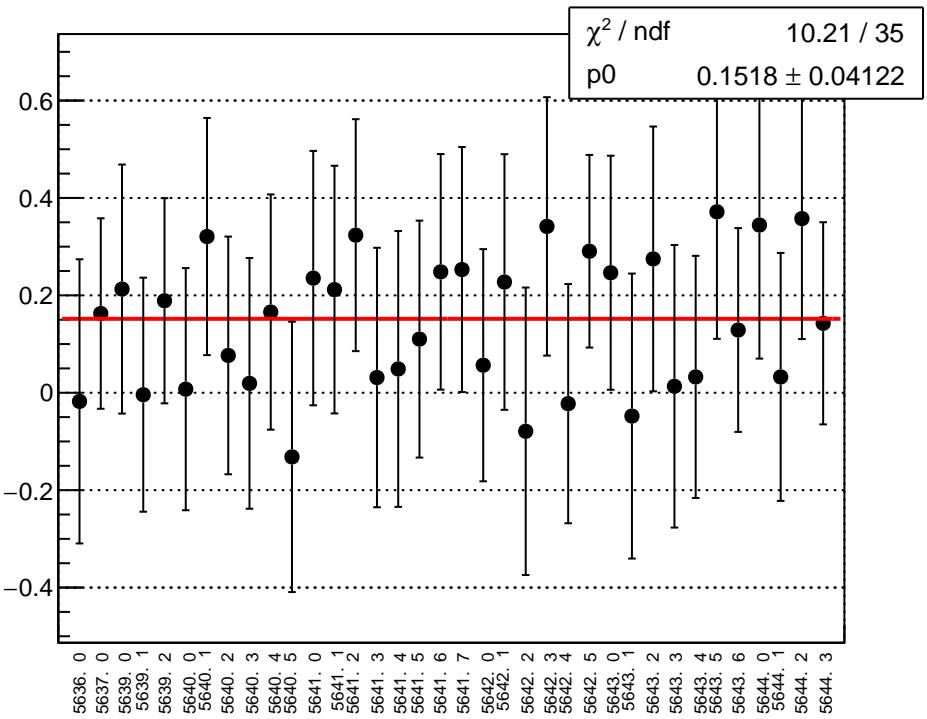
# reg\_asym\_sam\_15\_dd\_diff\_bpm4eX\_slope vs run



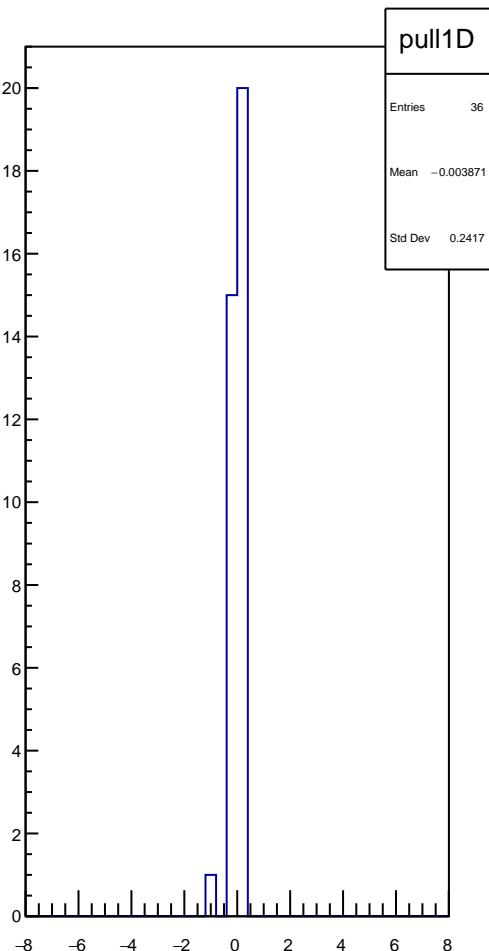
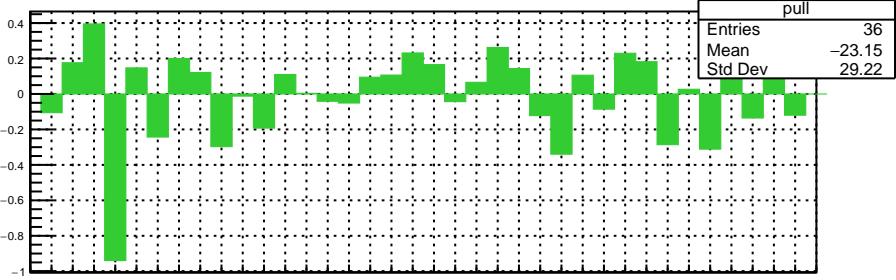
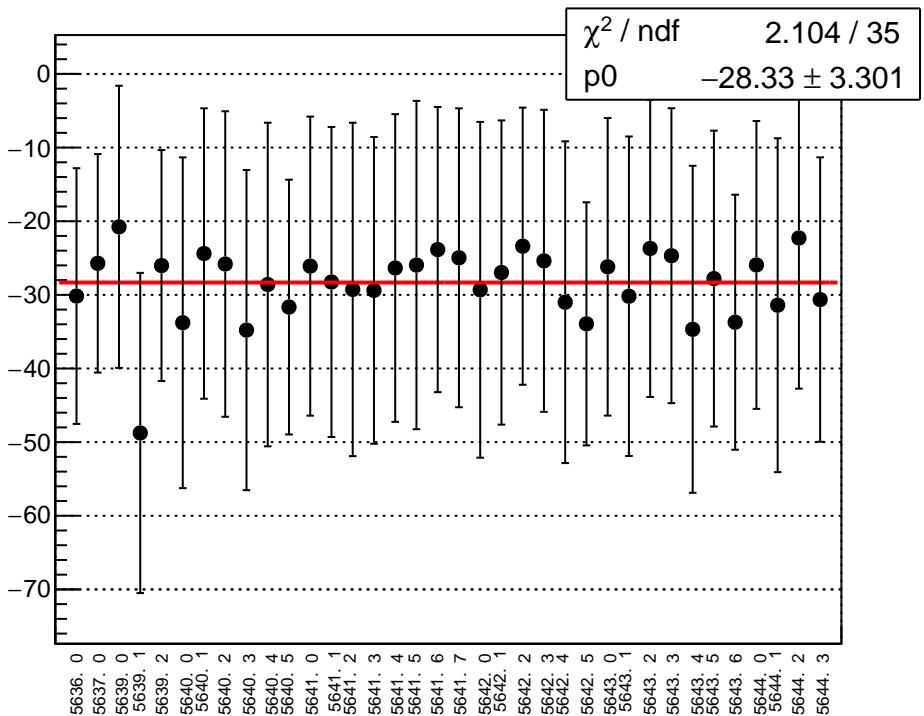
# reg\_asym.sam\_15\_dd\_diff\_bpm4eY\_slope vs run



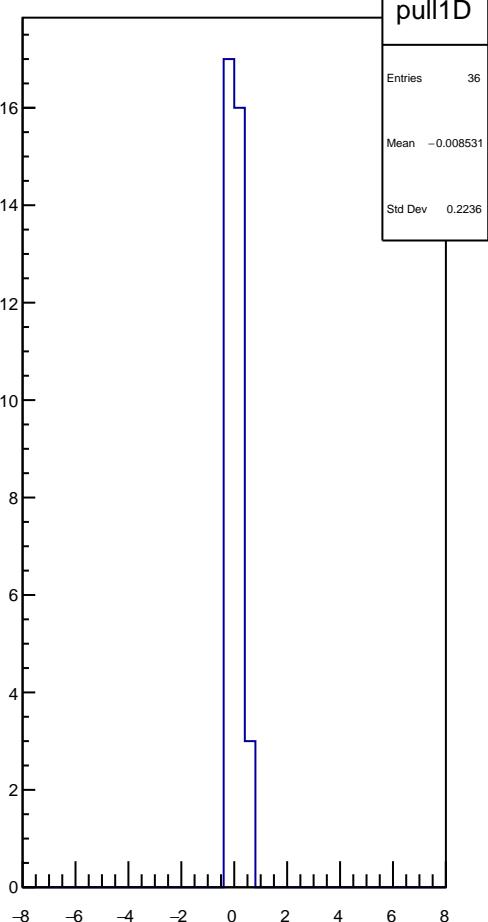
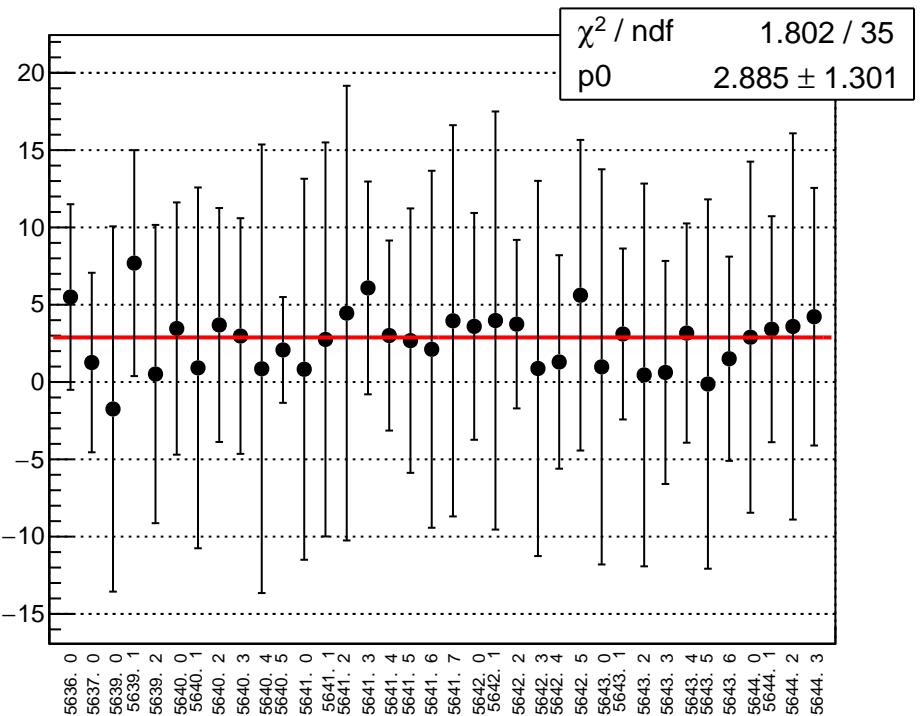
# reg\_asym.sam\_15\_dd\_diff\_bpm12X\_slope vs run



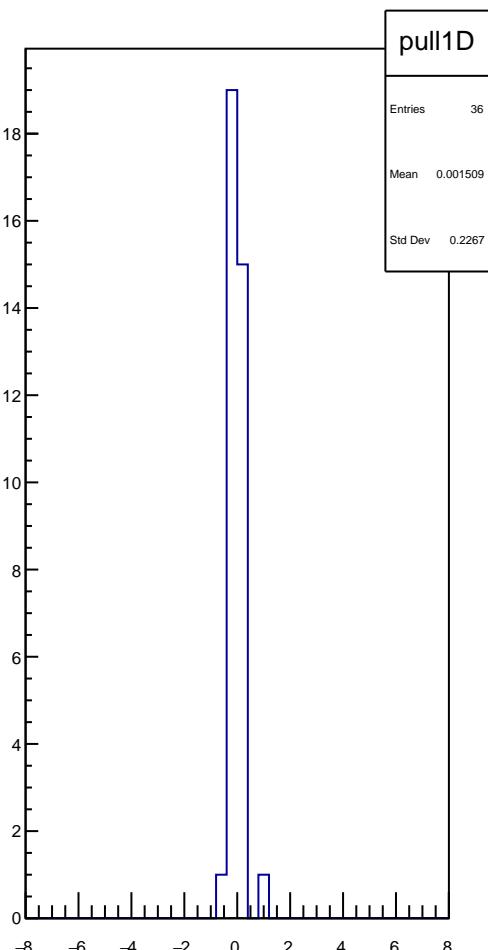
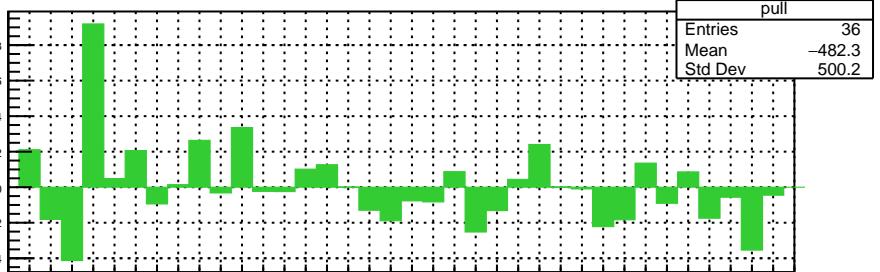
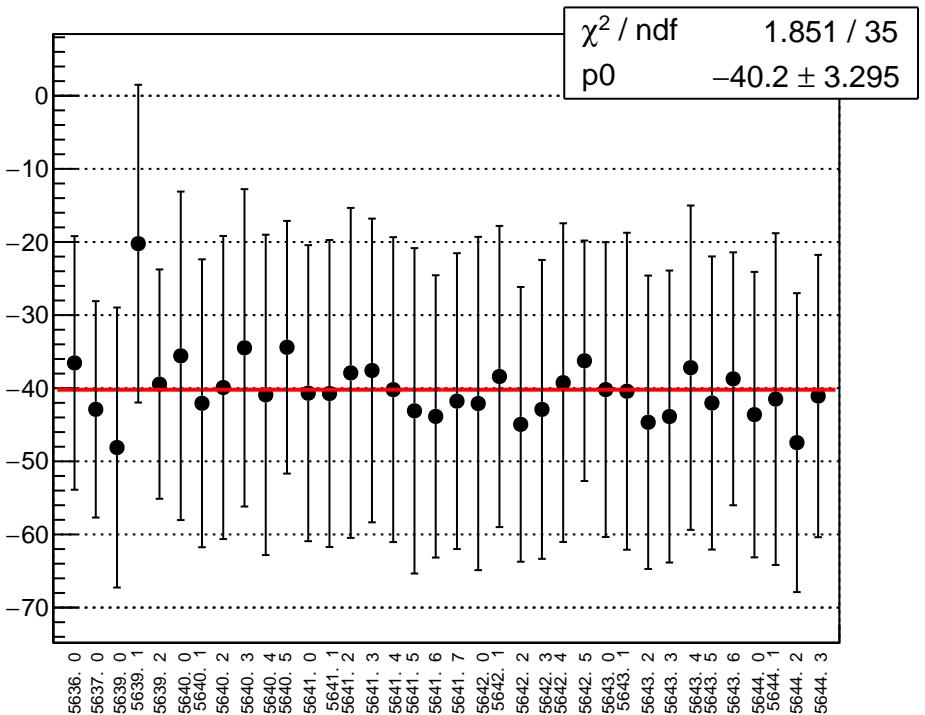
# reg\_asym\_sam\_37\_avg\_diff\_bpm4aX\_slope vs run



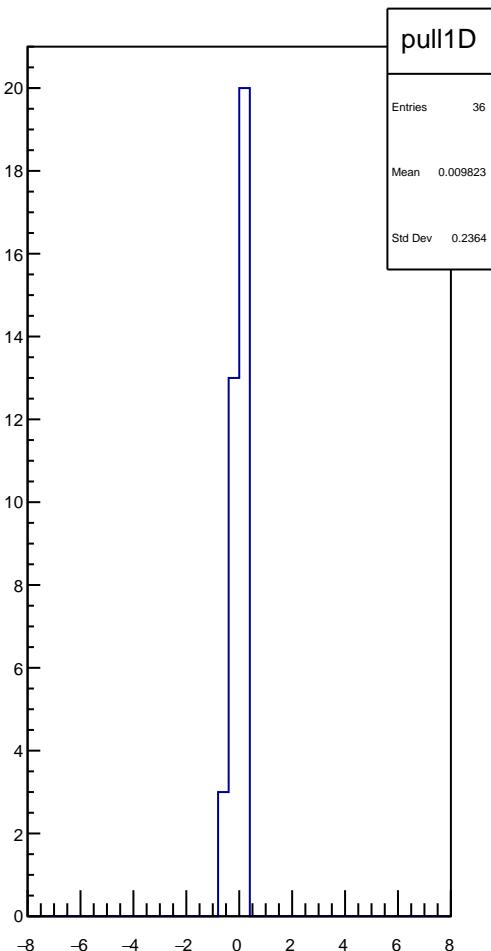
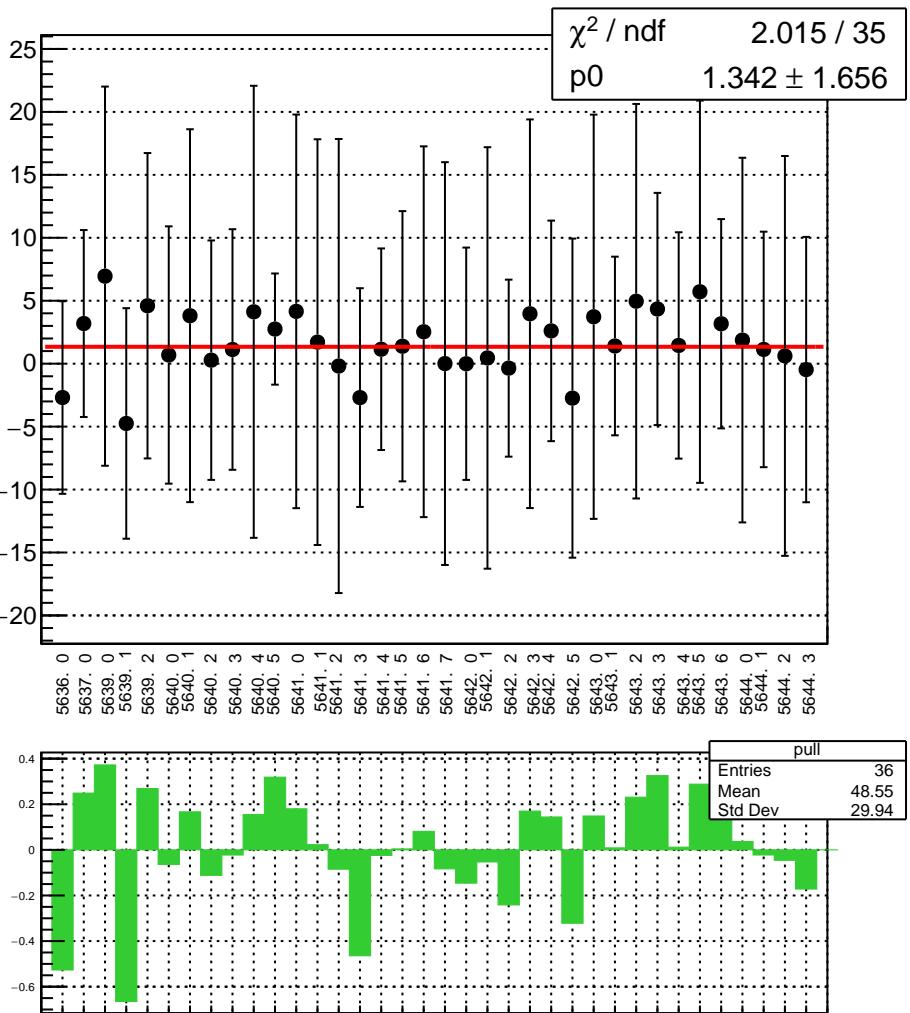
# reg\_asym\_sam\_37\_avg\_diff\_bpm4aY\_slope vs run



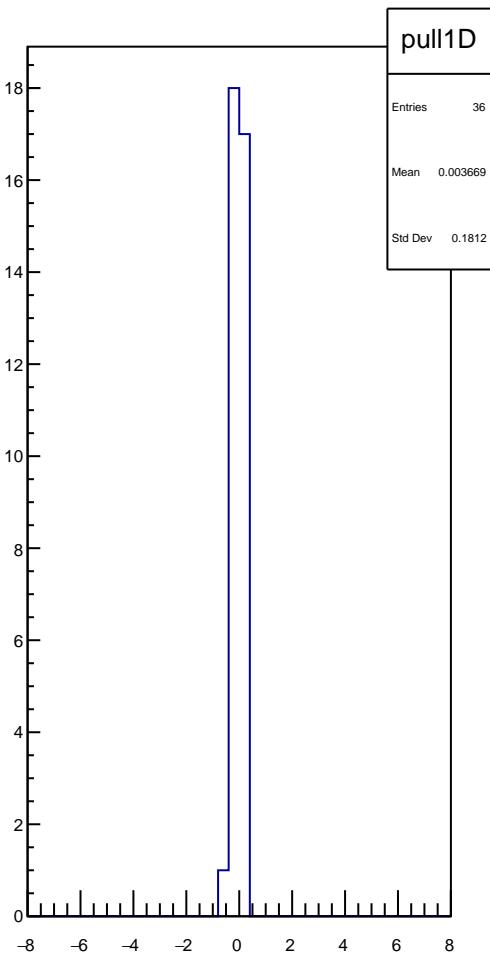
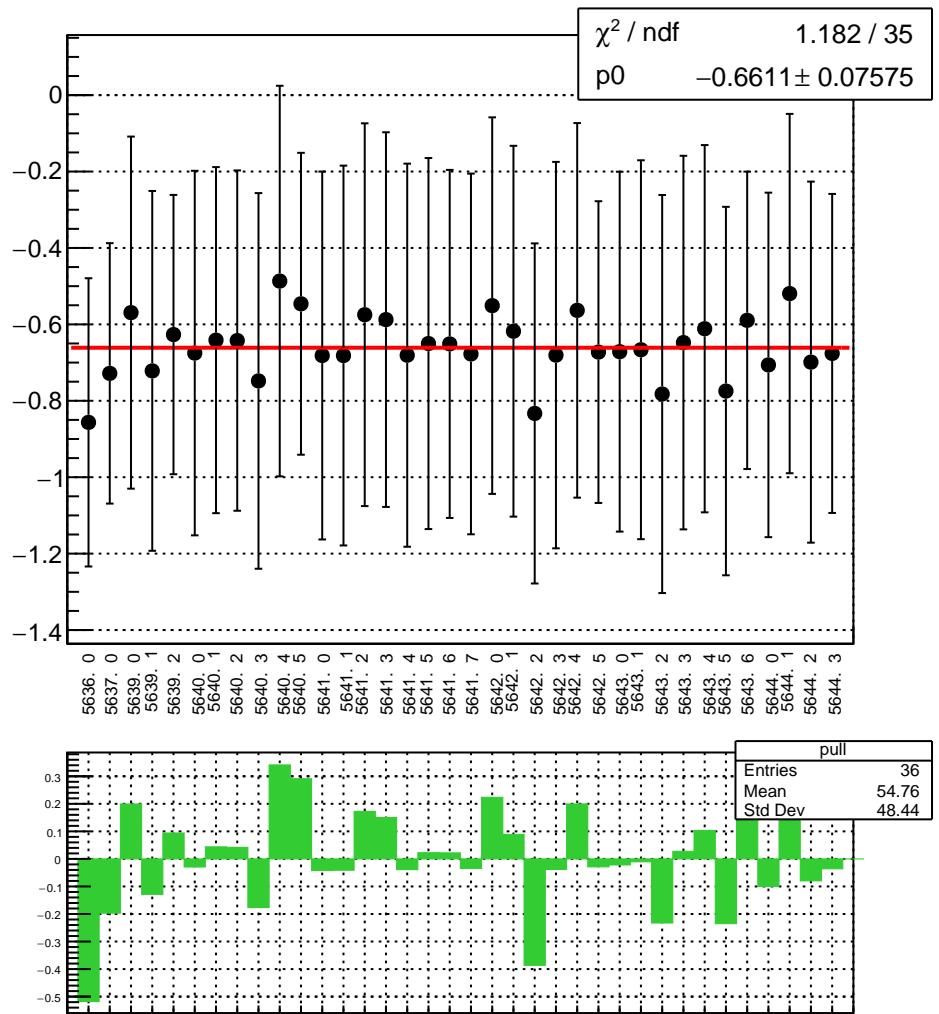
# reg\_asym\_sam\_37\_avg\_diff\_bpm4eX\_slope vs run



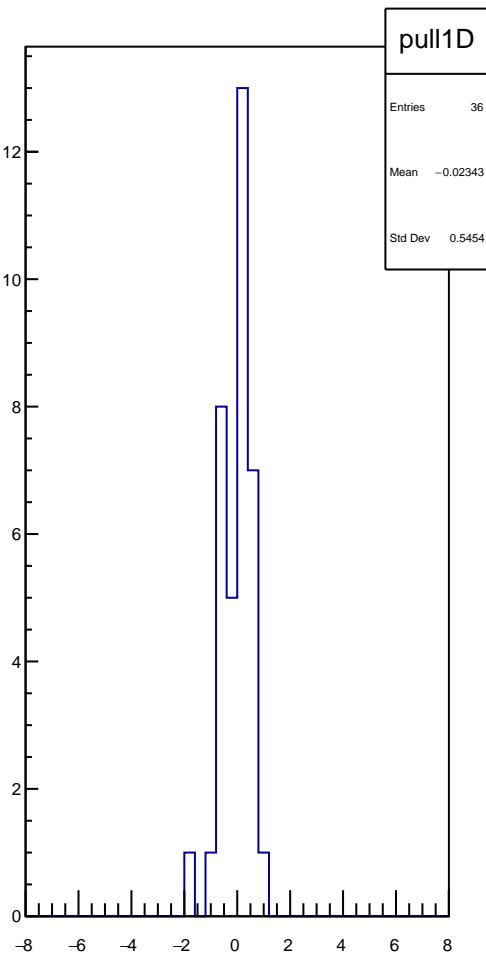
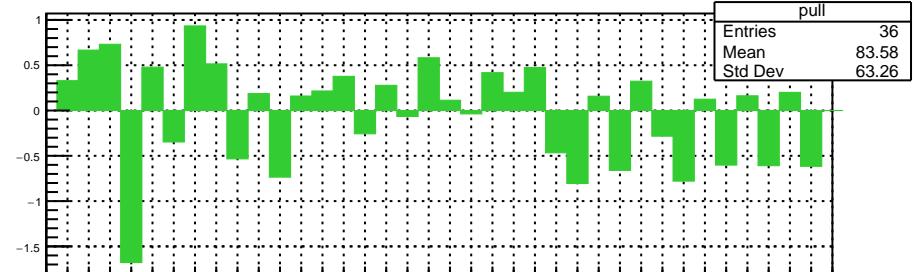
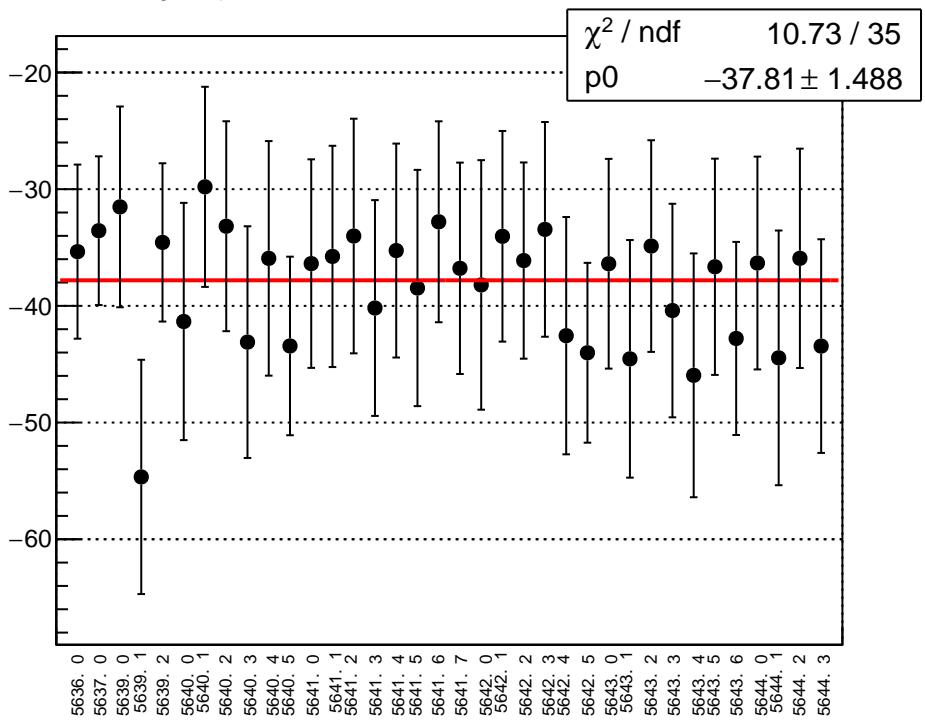
# reg\_asym\_sam\_37\_avg\_diff\_bpm4eY\_slope vs run



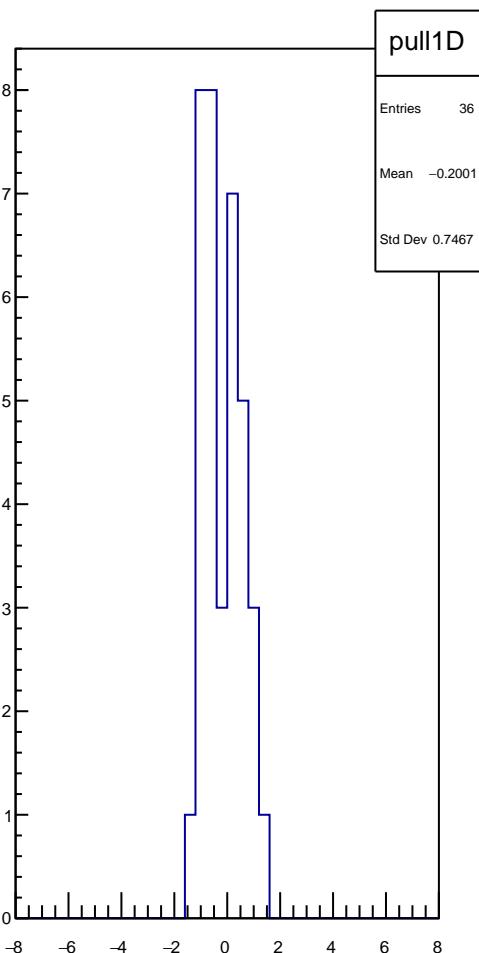
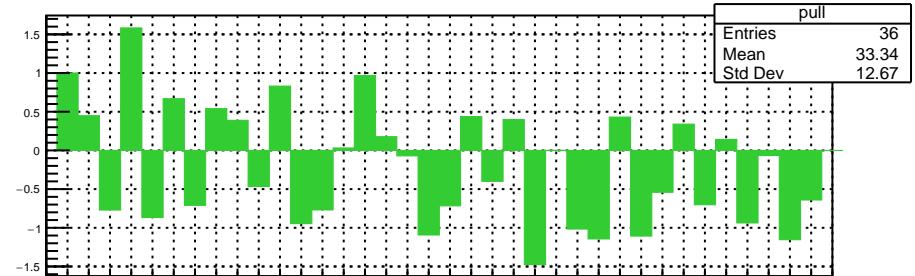
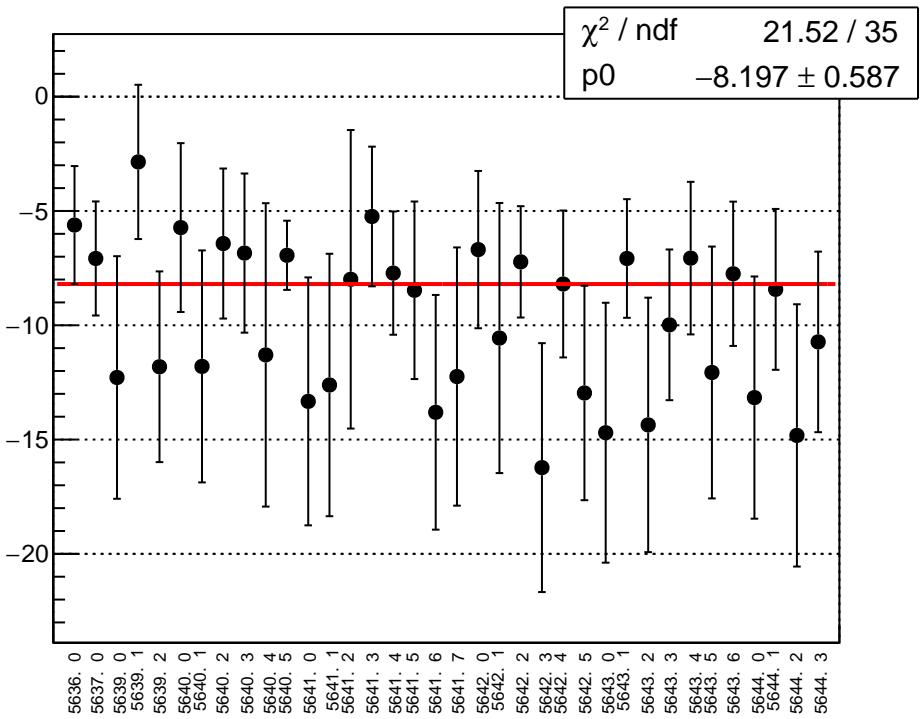
# reg\_asym\_sam\_37\_avg\_diff\_bpm12X\_slope vs run



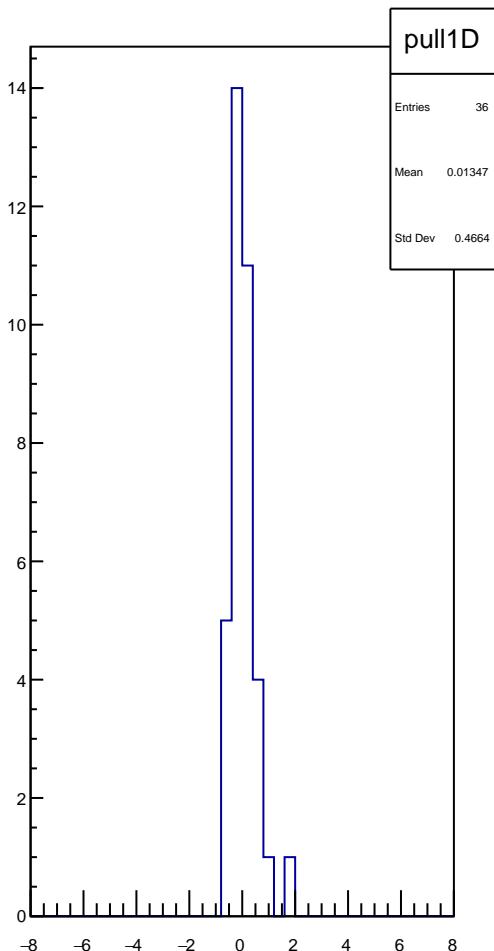
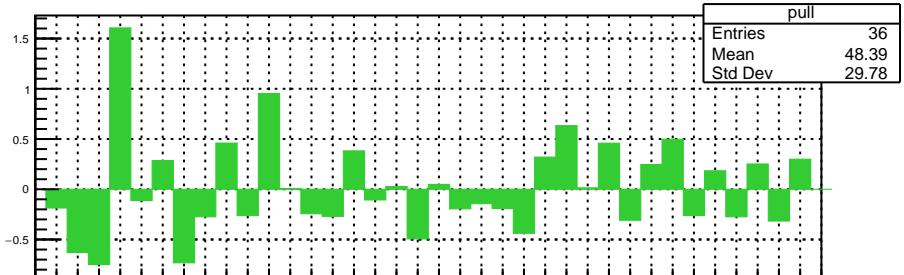
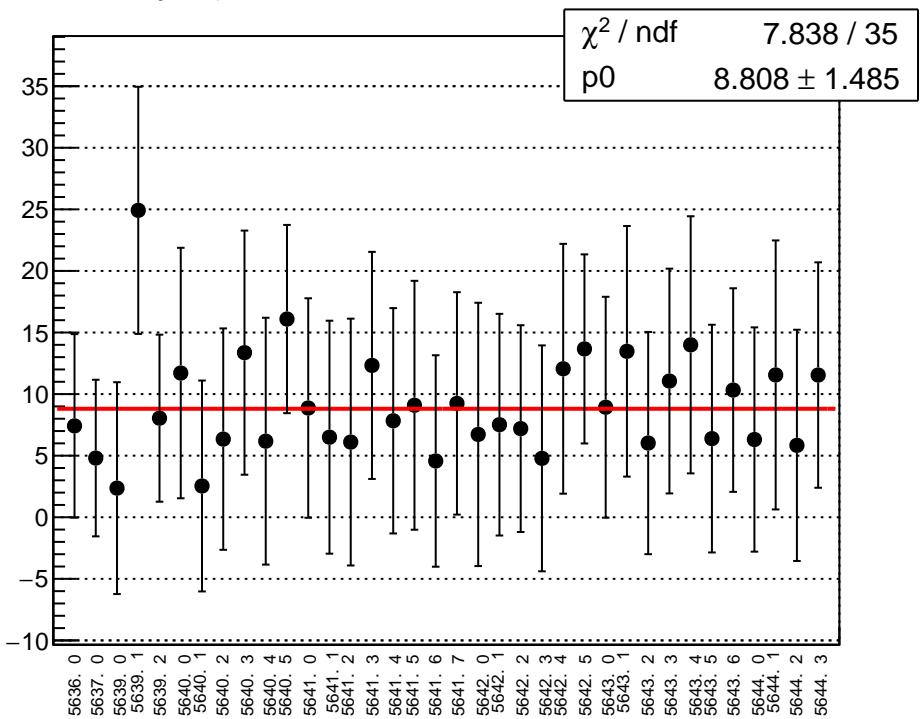
reg\_asym\_sam\_37\_dd\_diff\_bpm4aX\_slope vs run



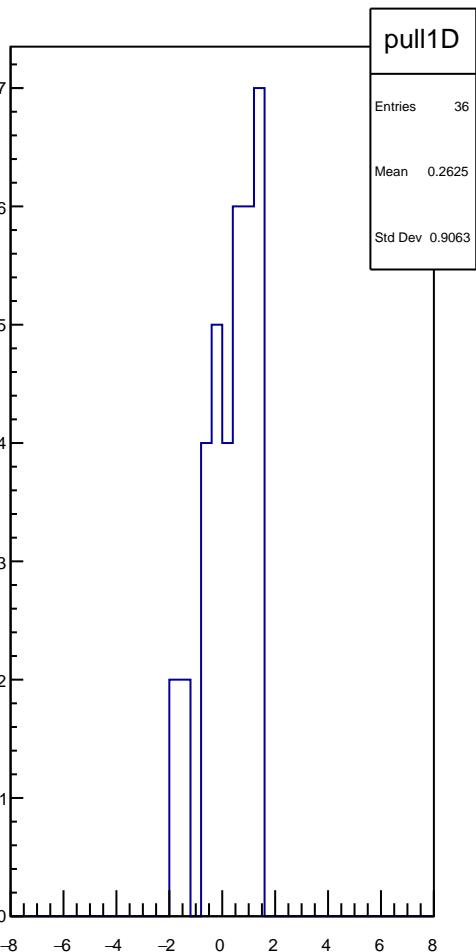
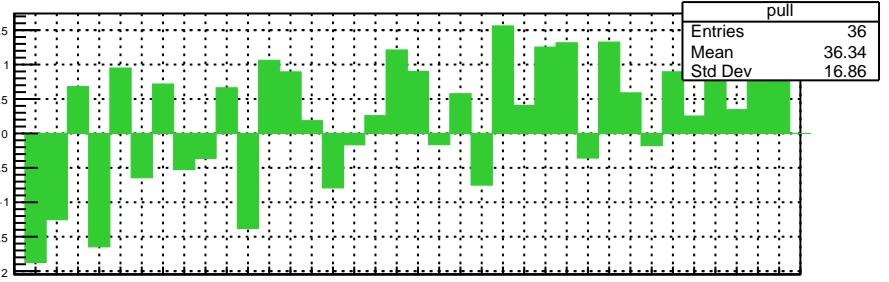
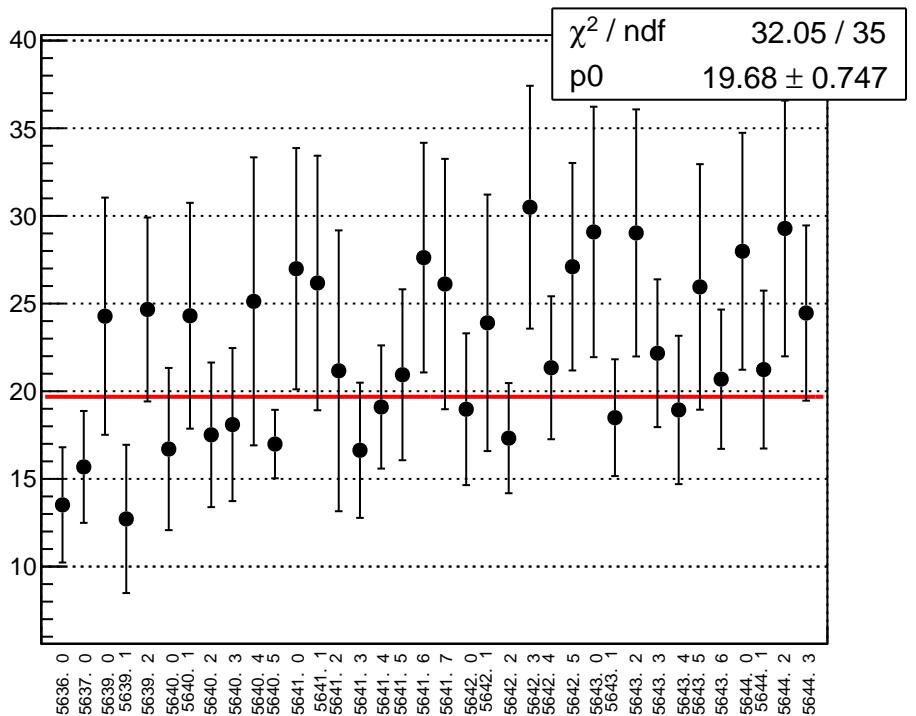
reg\_asym\_sam\_37\_dd\_diff\_bpm4aY\_slope vs run



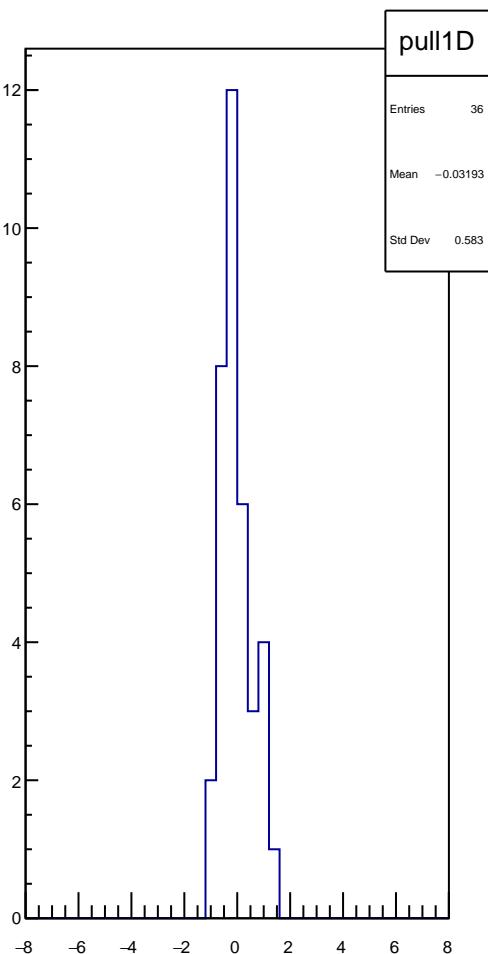
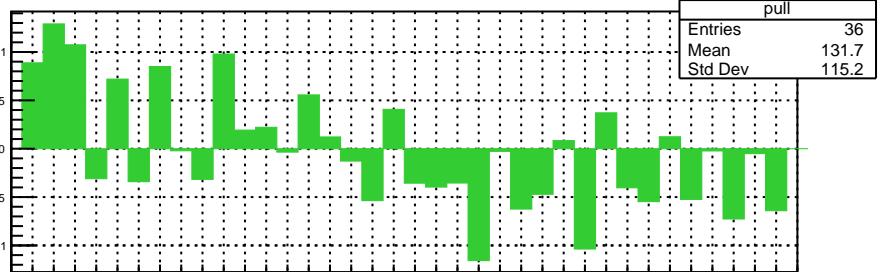
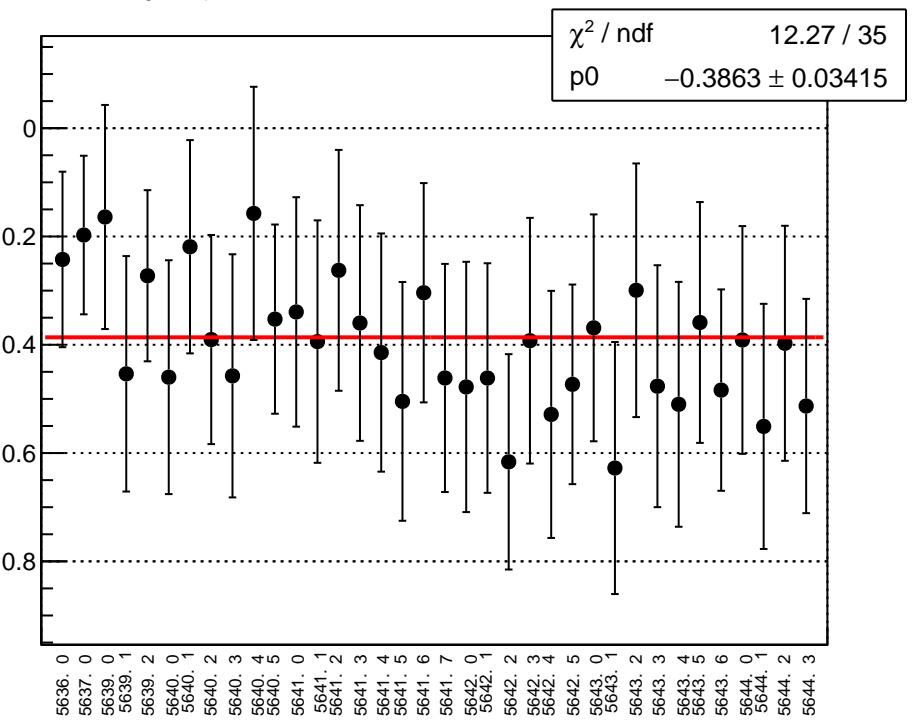
# reg\_asym\_sam\_37\_dd\_diff\_bpm4eX\_slope vs run



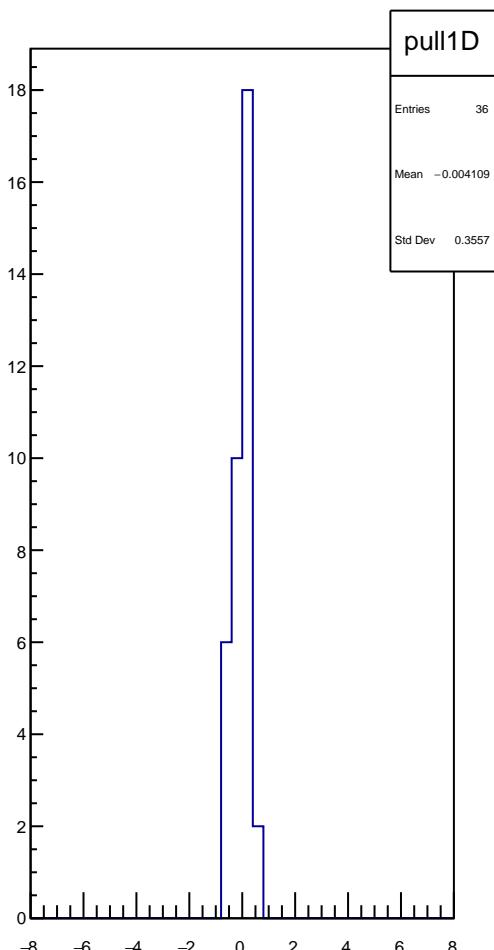
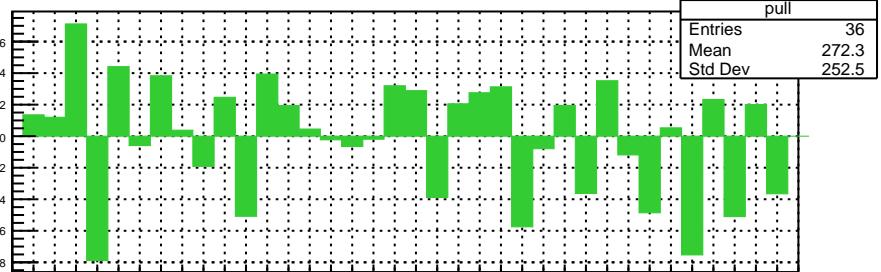
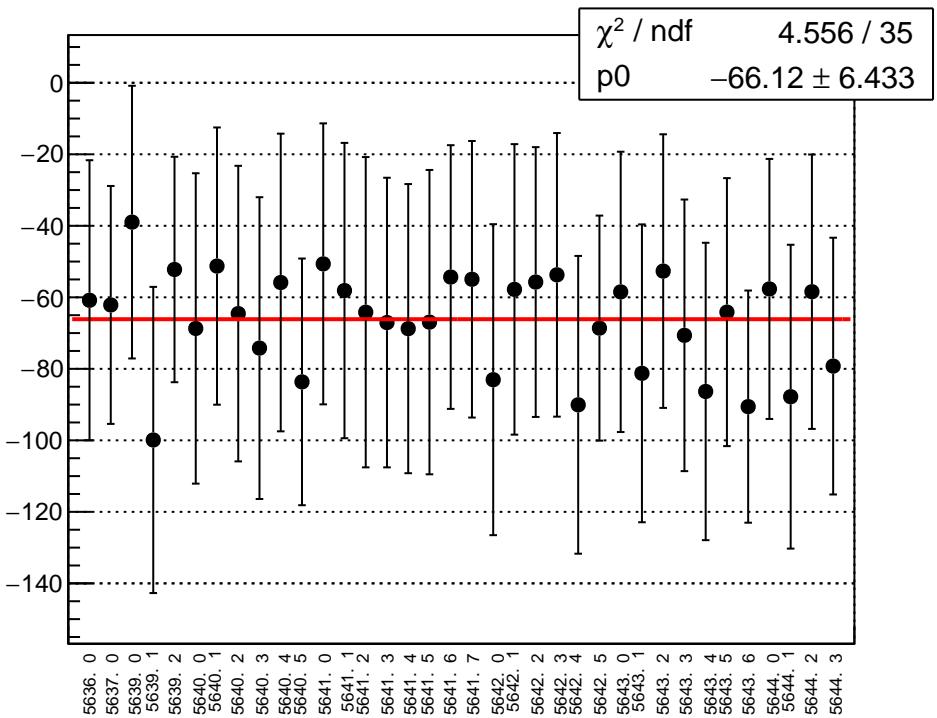
# reg\_asym\_sam\_37\_dd\_diff\_bpm4eY\_slope vs run



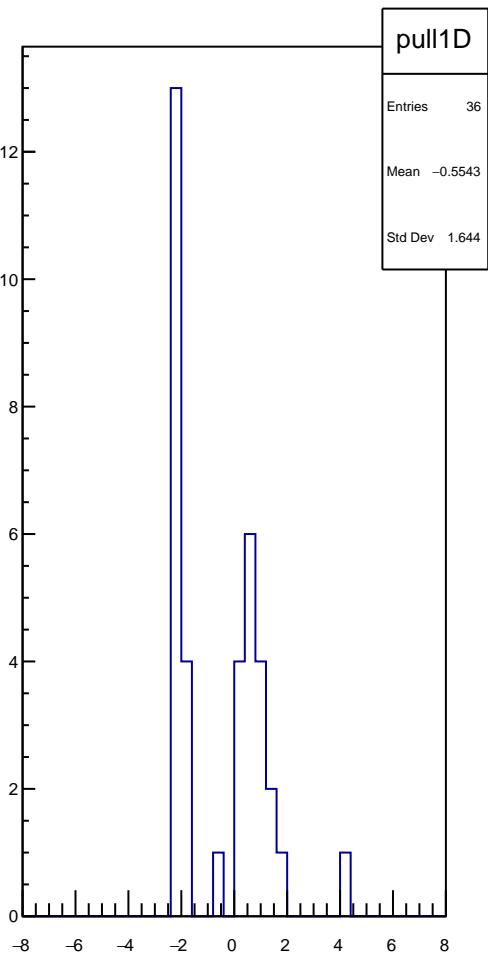
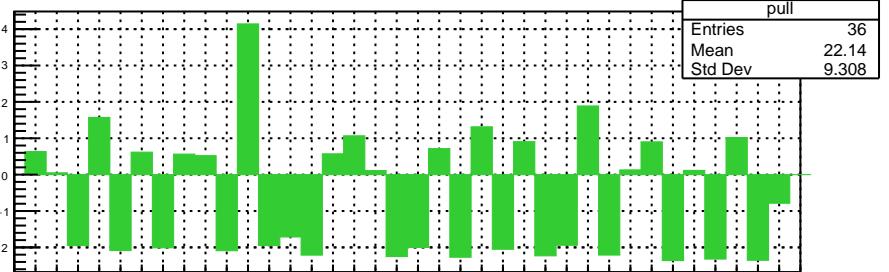
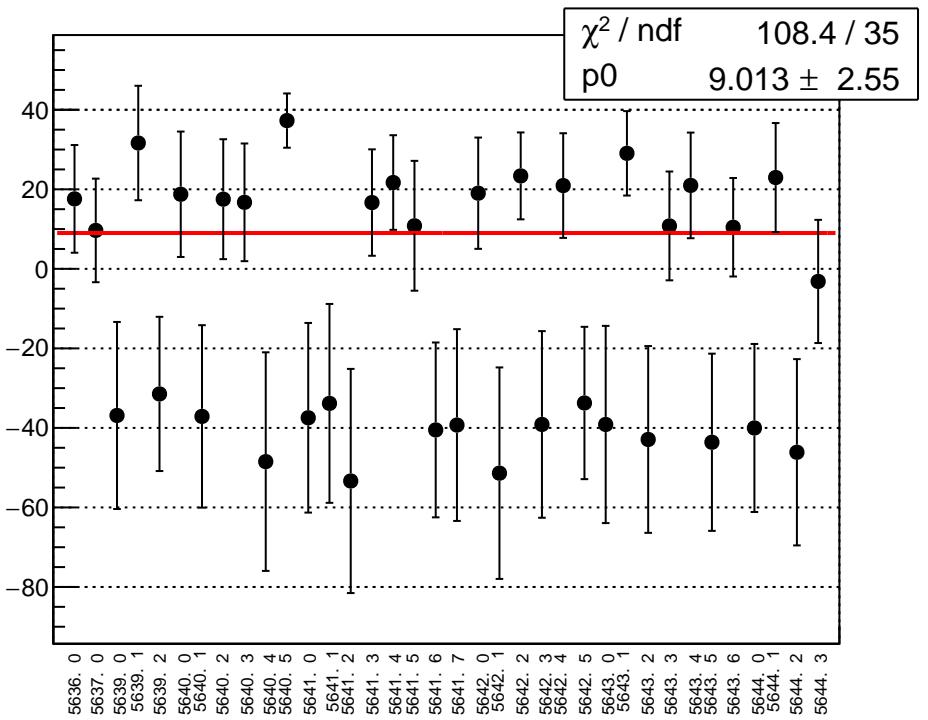
# reg\_asym\_sam\_37\_dd\_diff\_bpm12X\_slope vs run



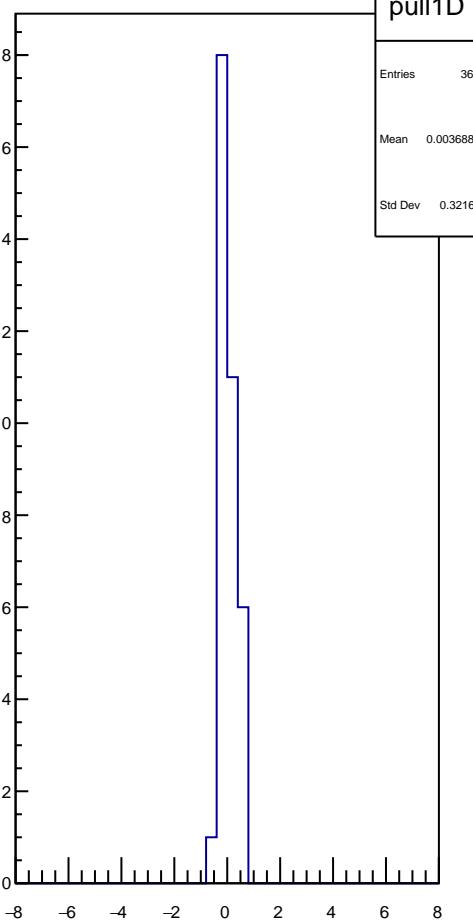
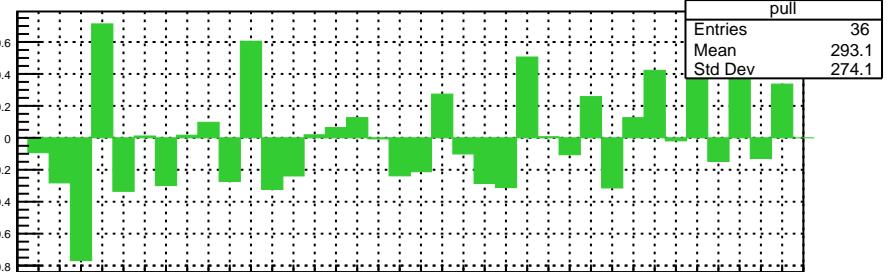
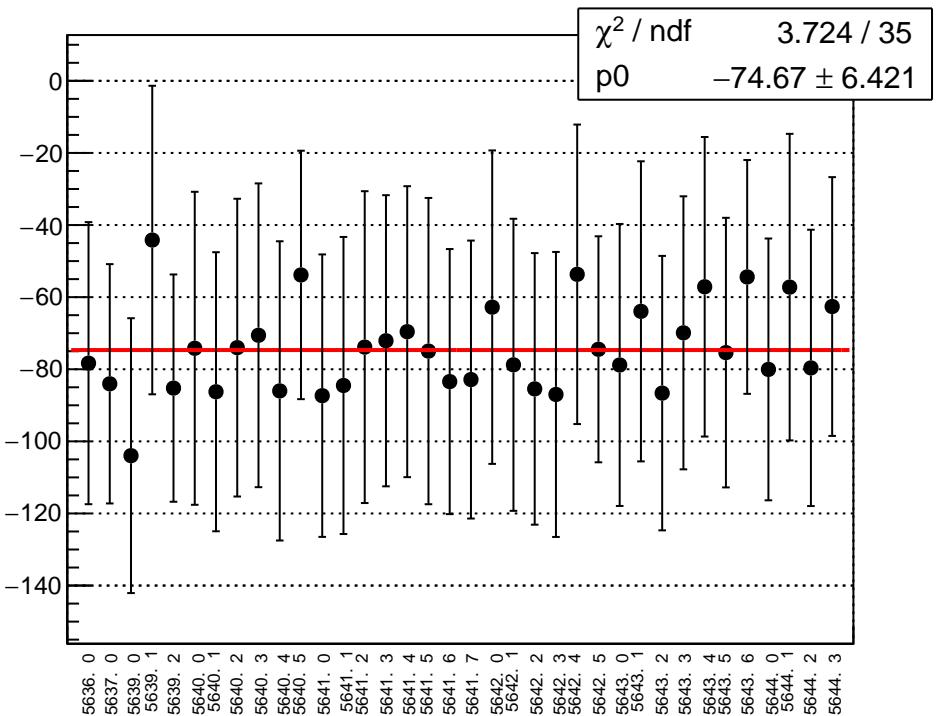
# reg\_asym\_sam\_26\_avg\_diff\_bpm4aX\_slope vs run



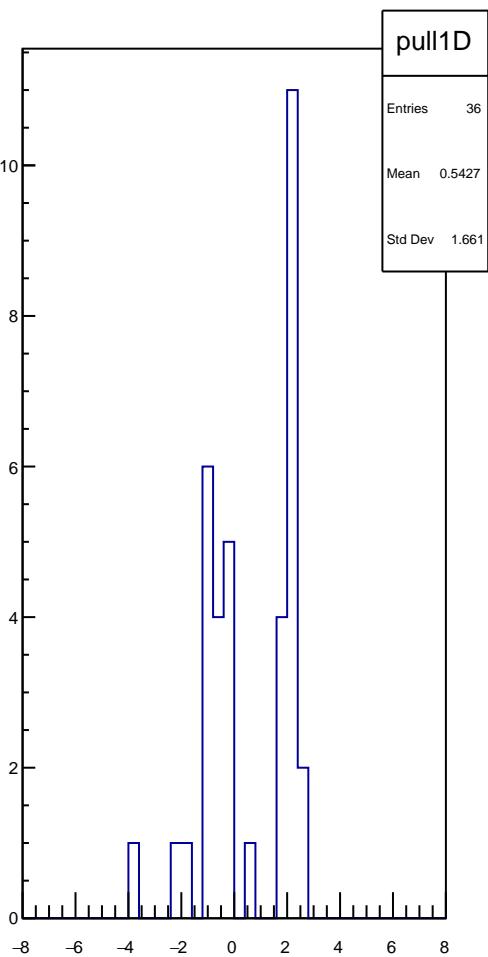
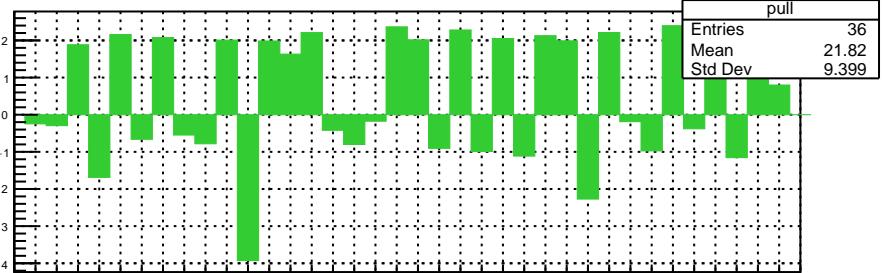
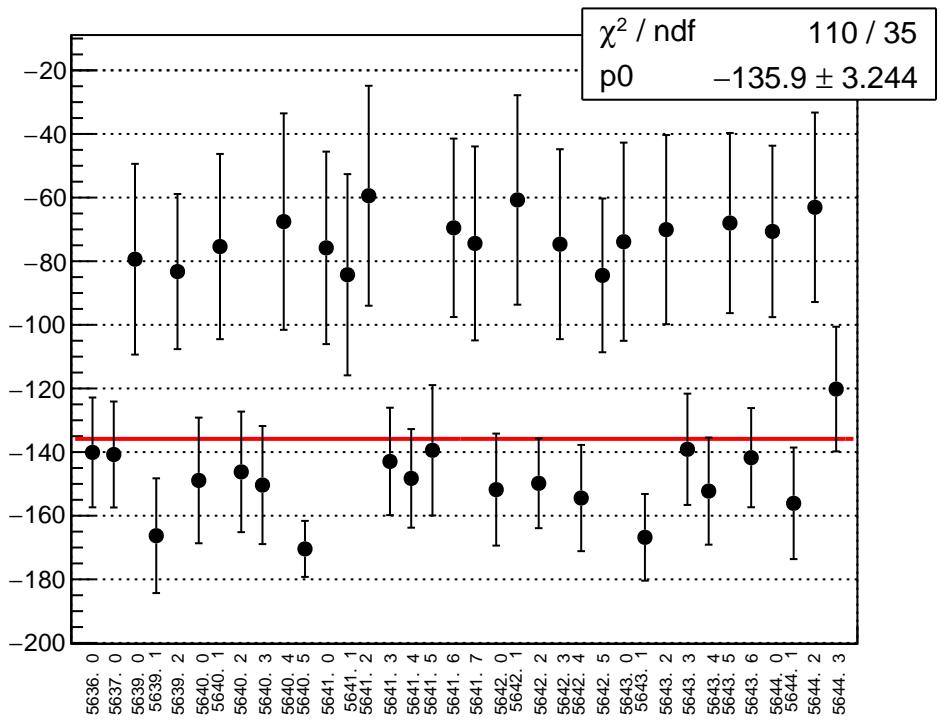
# reg\_asym\_sam\_26\_avg\_diff\_bpm4aY\_slope vs run



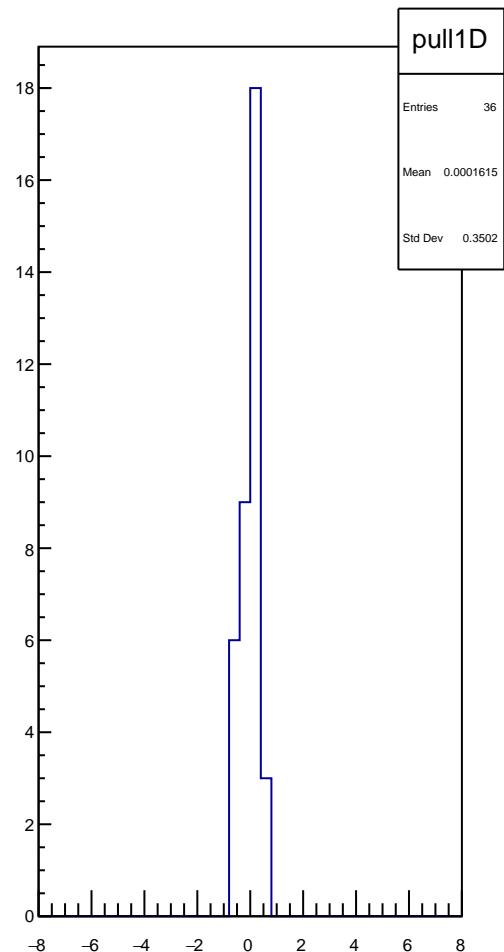
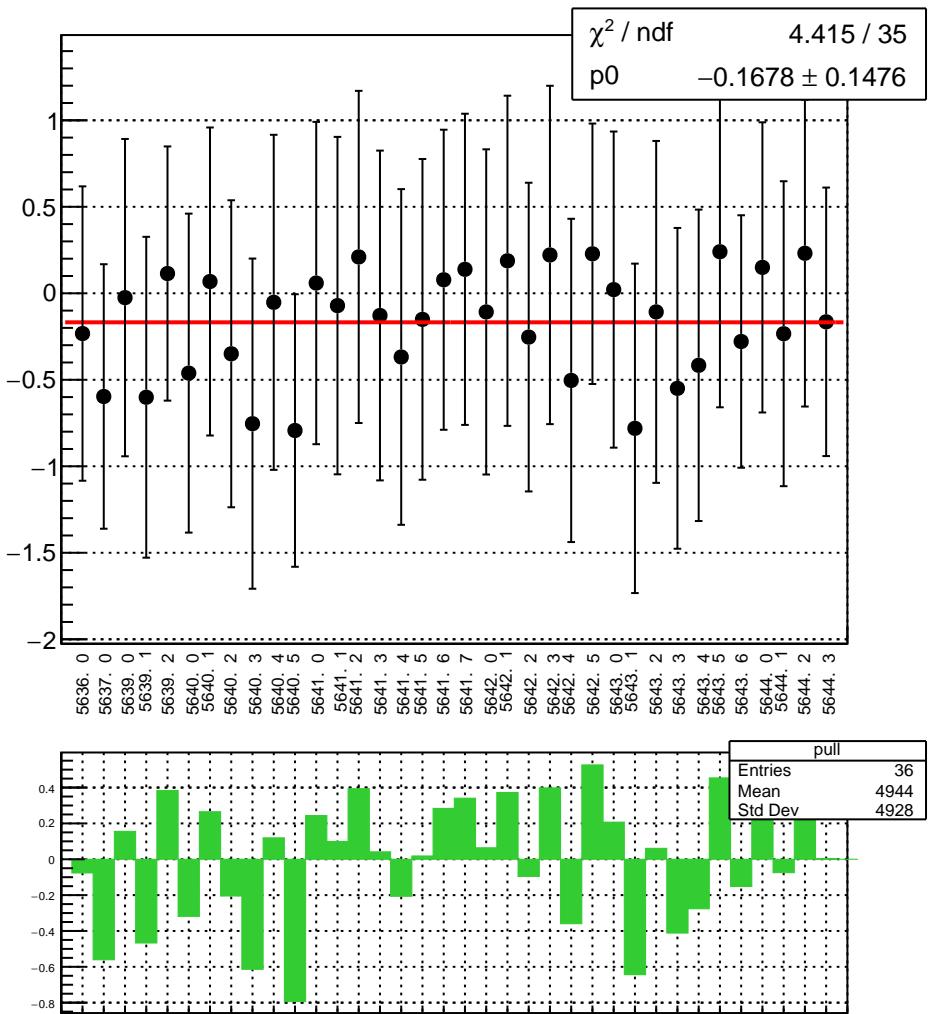
# reg\_asym\_sam\_26\_avg\_diff\_bpm4eX\_slope vs run



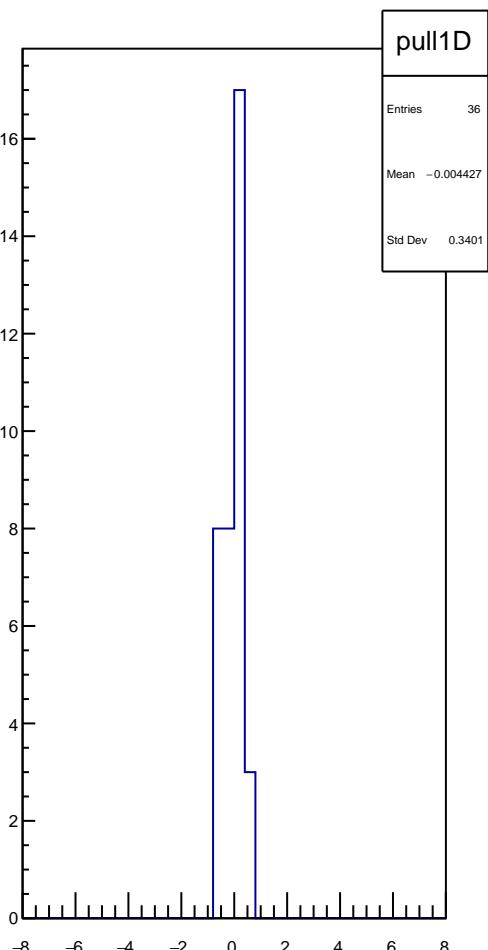
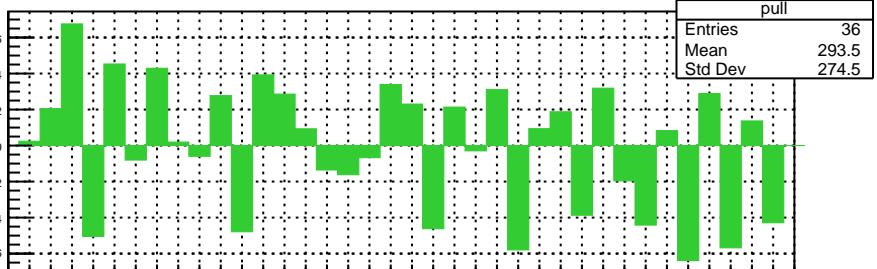
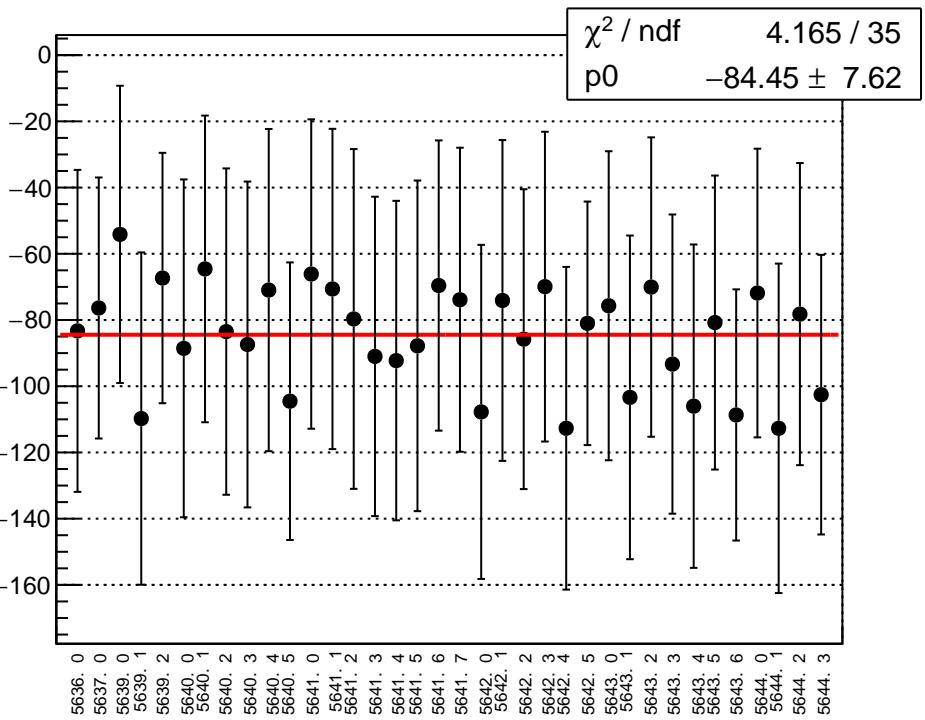
# reg\_asym\_sam\_26\_avg\_diff\_bpm4eY\_slope vs run



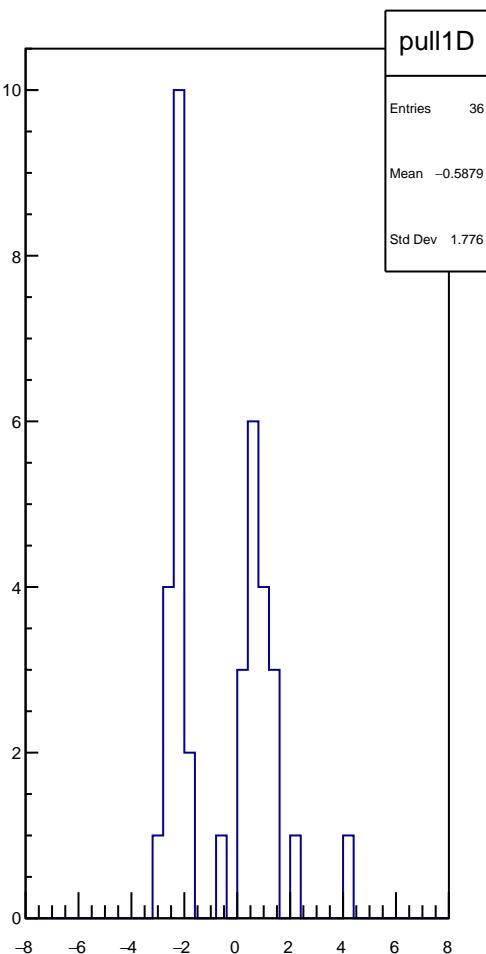
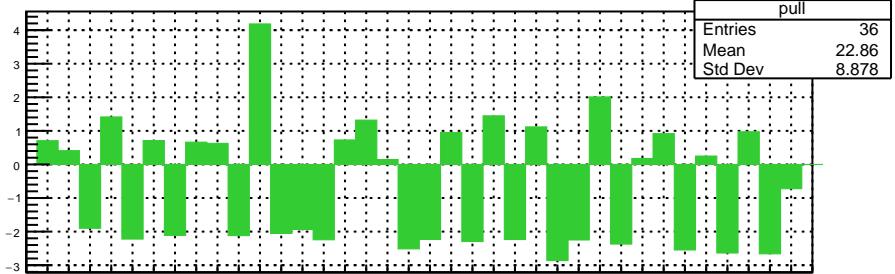
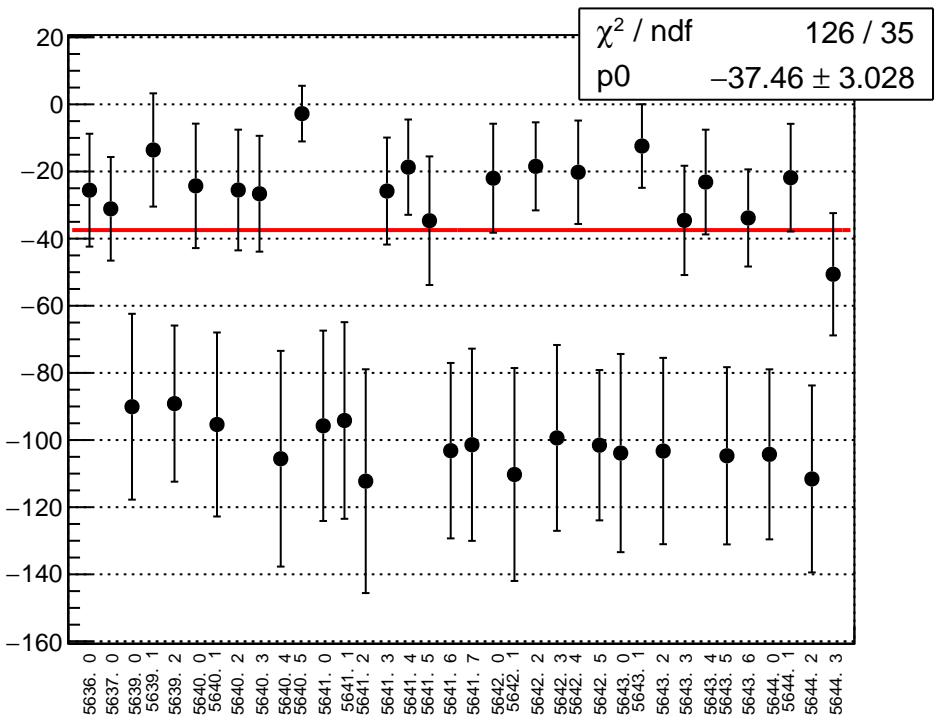
# reg\_asym\_sam\_26\_avg\_diff\_bpm12X\_slope vs run



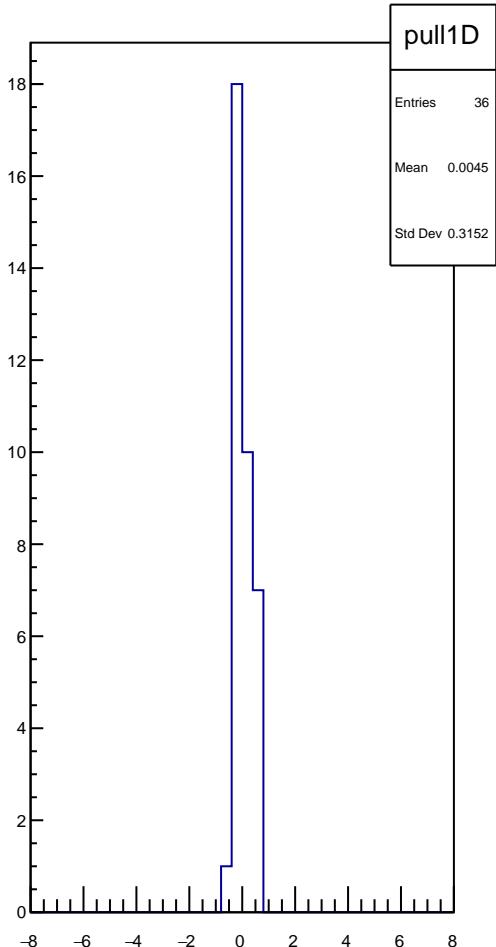
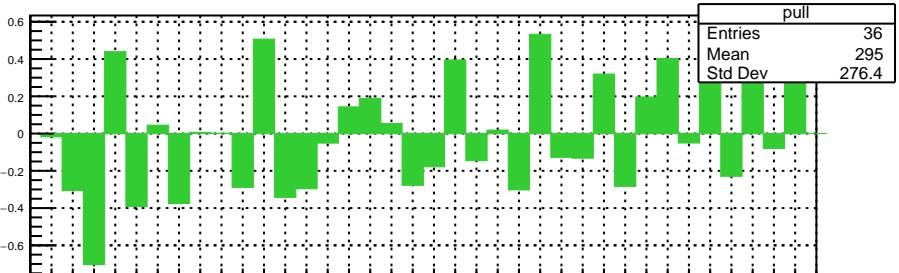
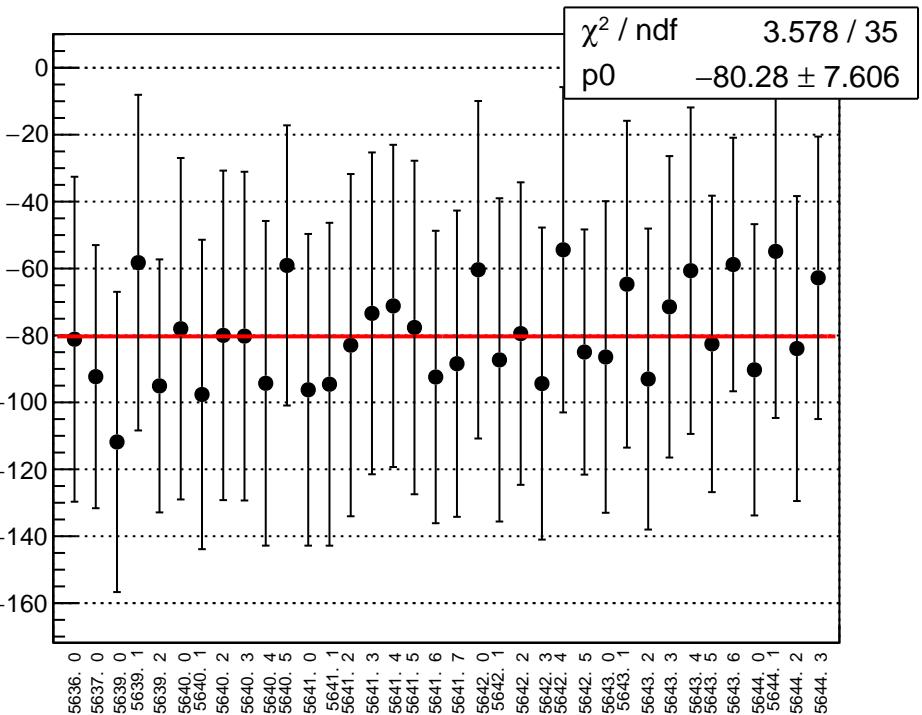
# reg\_asym.sam\_26\_dd\_diff\_bpm4aX\_slope vs run



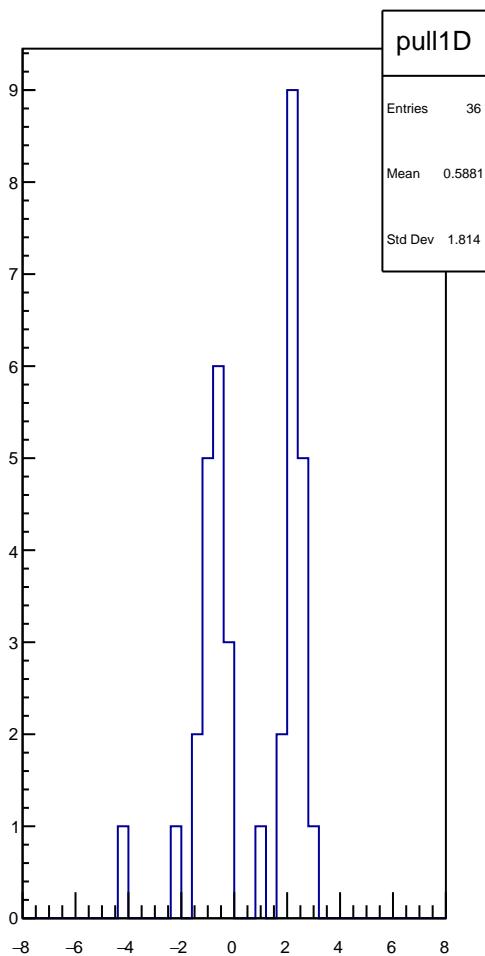
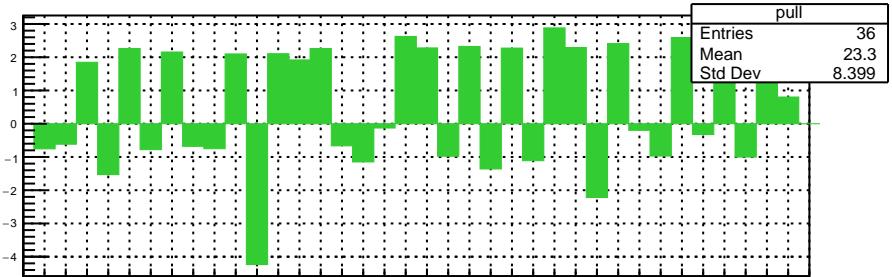
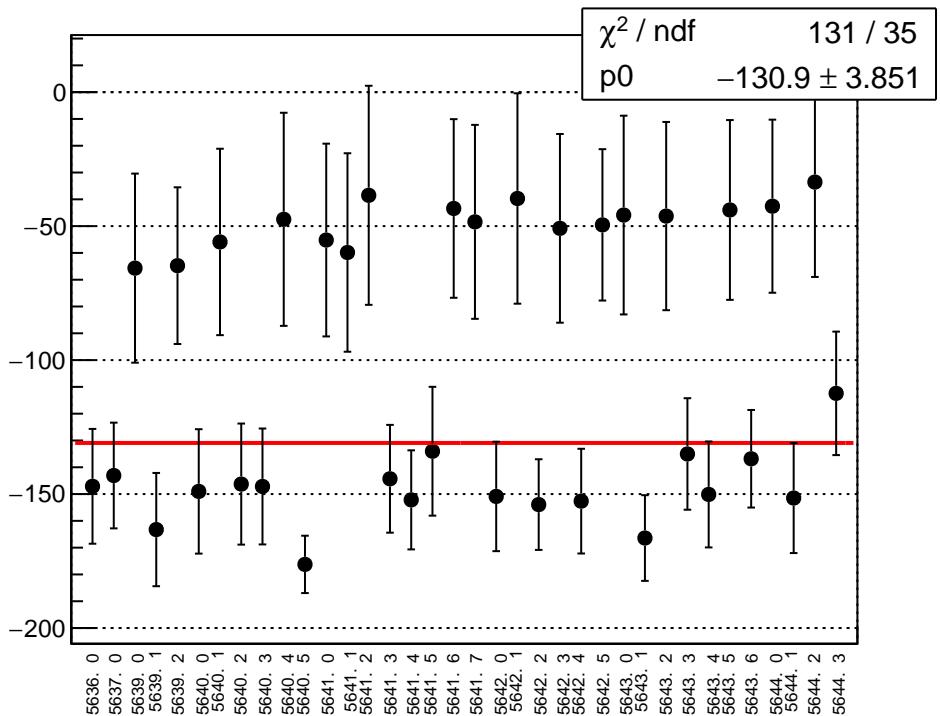
# reg\_asym.sam\_26\_dd\_diff\_bpm4aY\_slope vs run



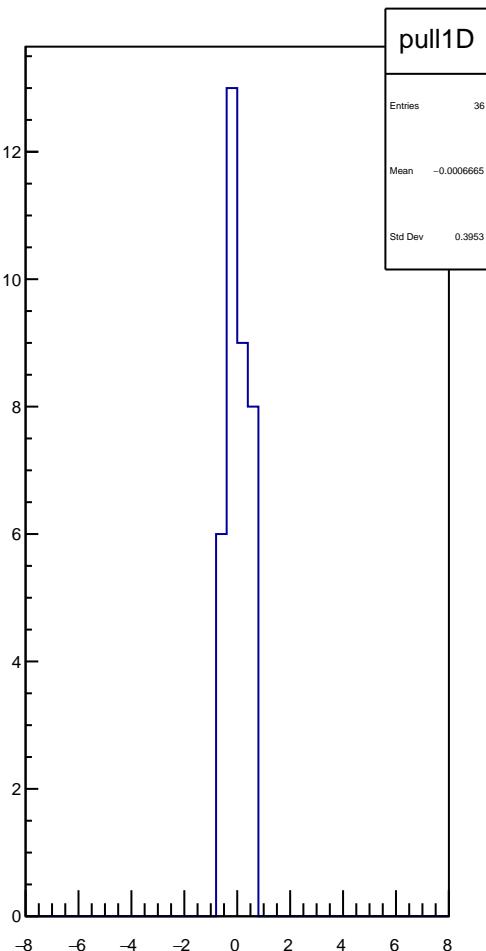
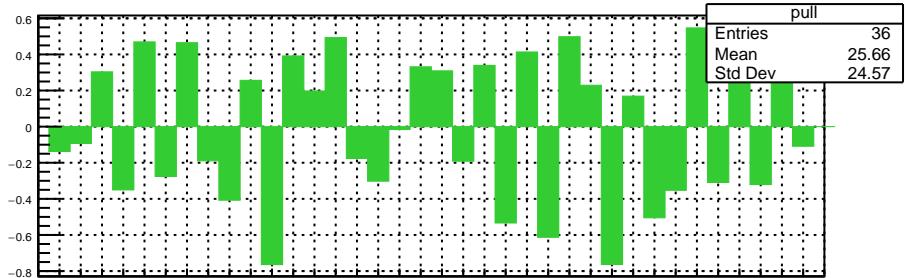
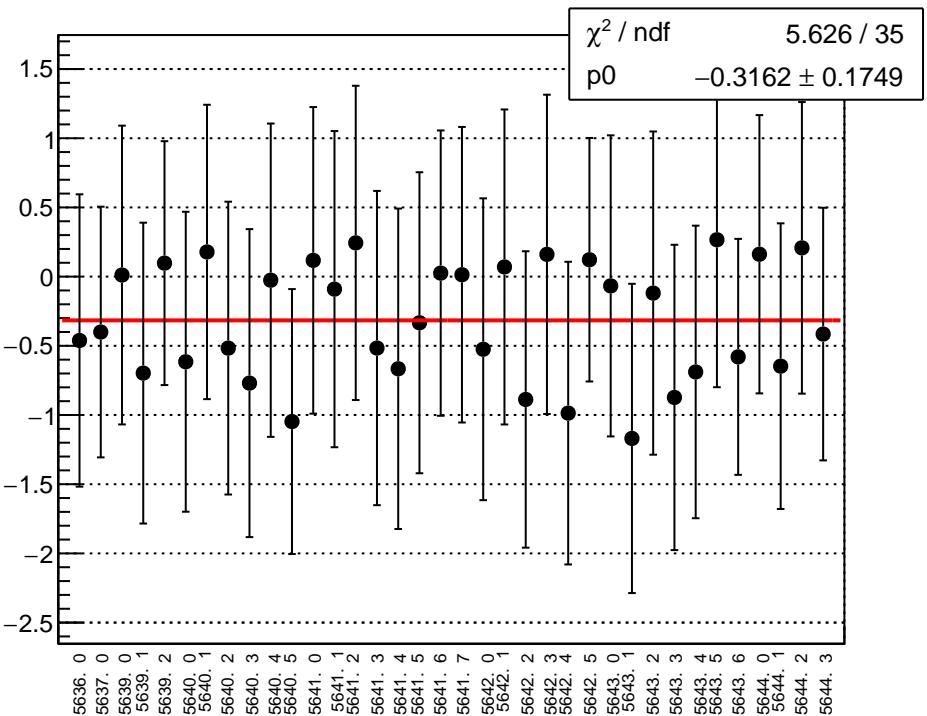
# reg\_asym.sam\_26\_dd\_diff\_bpm4eX\_slope vs run



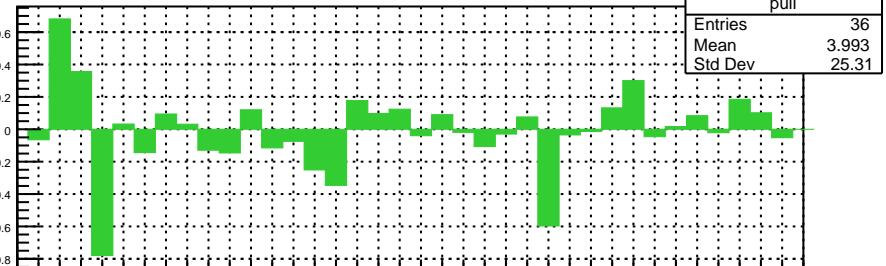
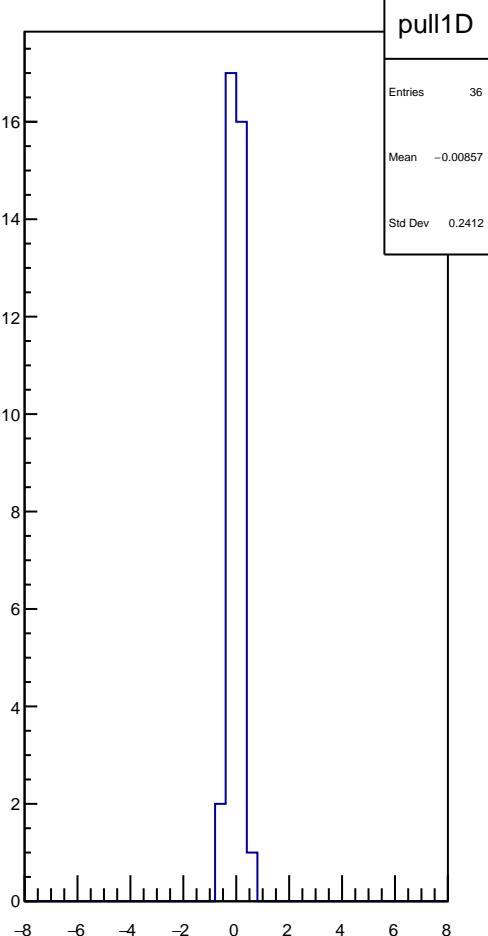
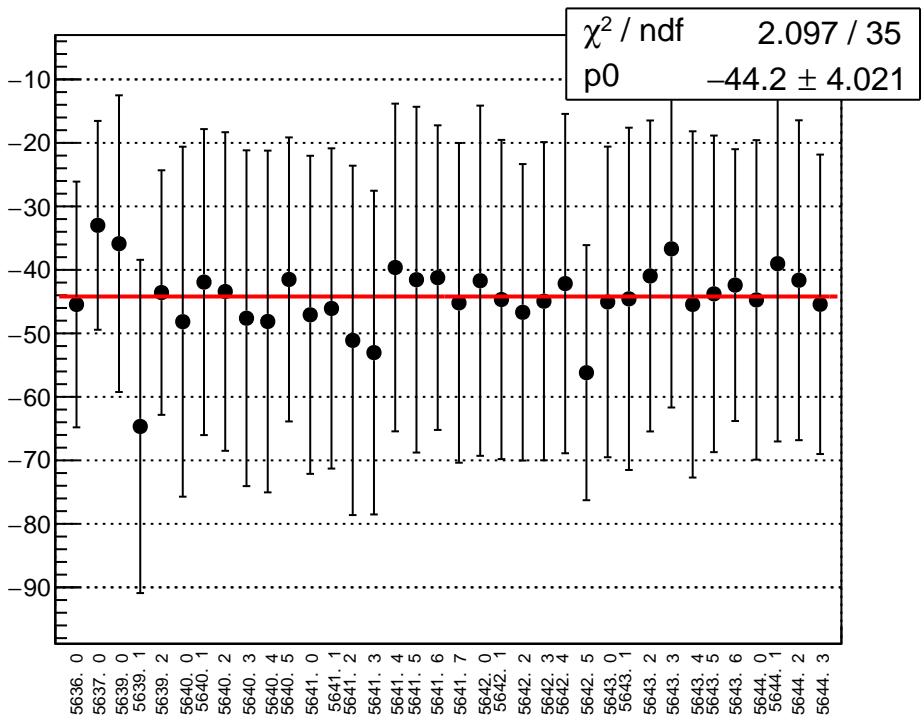
# reg\_asym\_sam\_26\_dd\_diff\_bpm4eY\_slope vs run



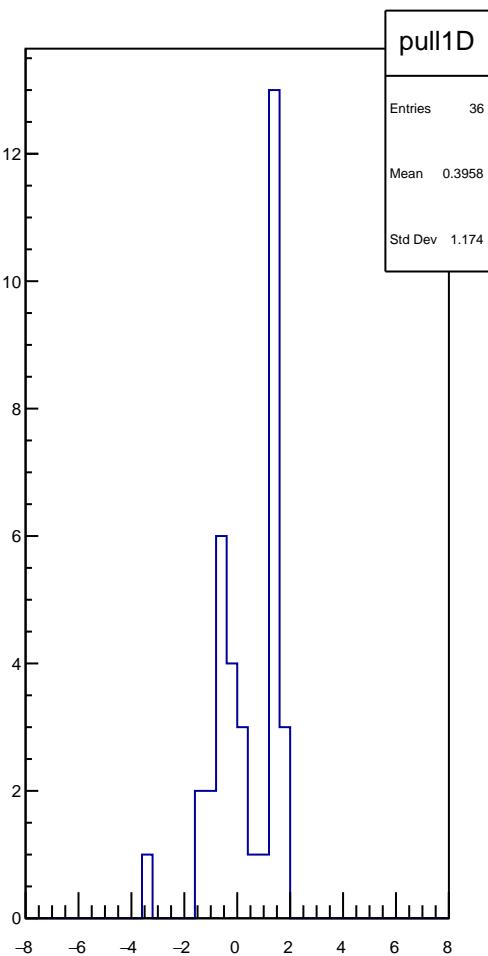
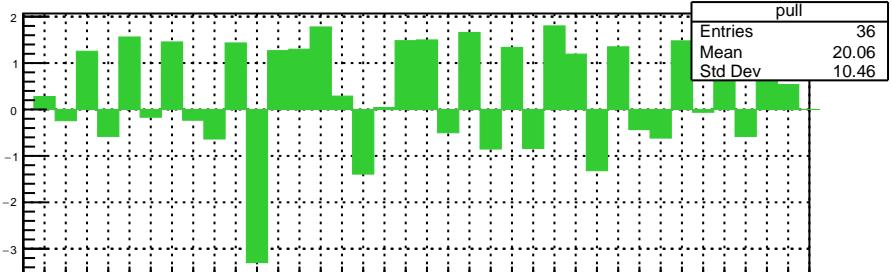
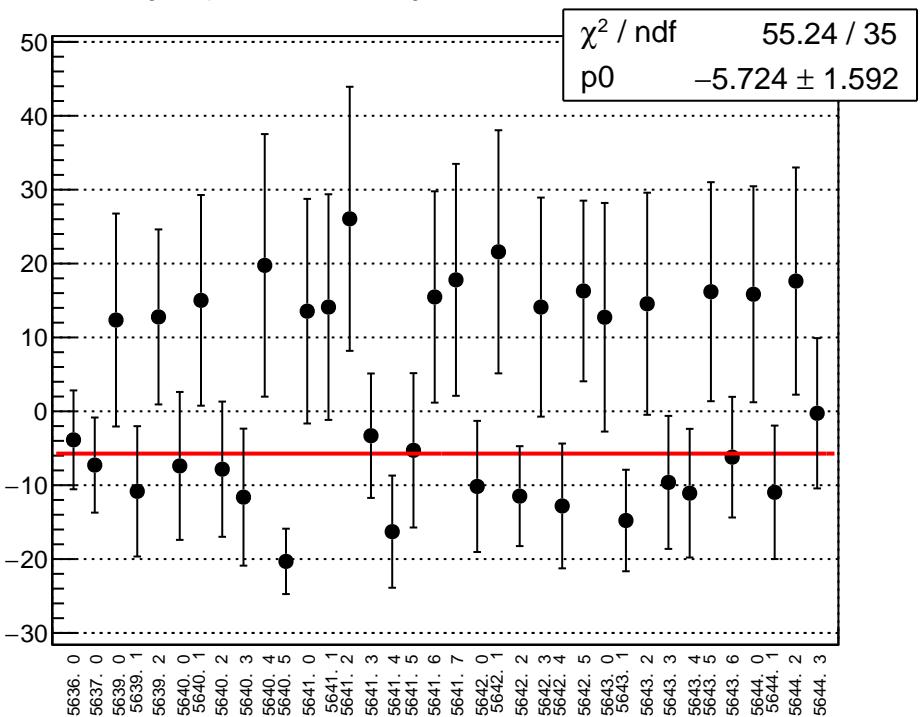
# reg\_asym.sam\_26\_dd\_diff\_bpm12X\_slope vs run



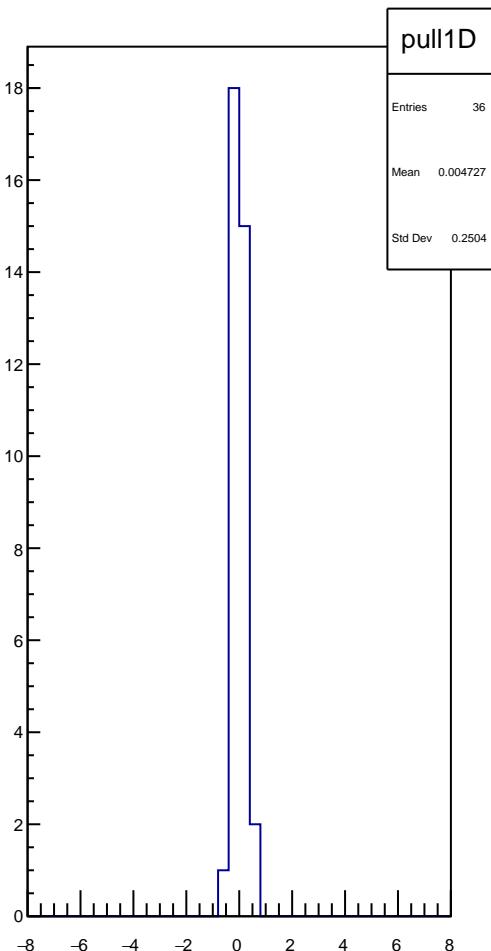
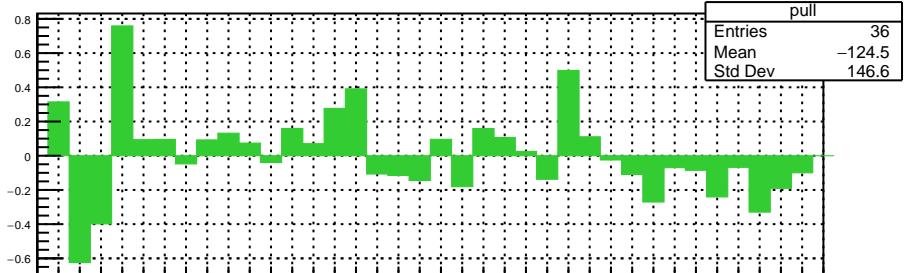
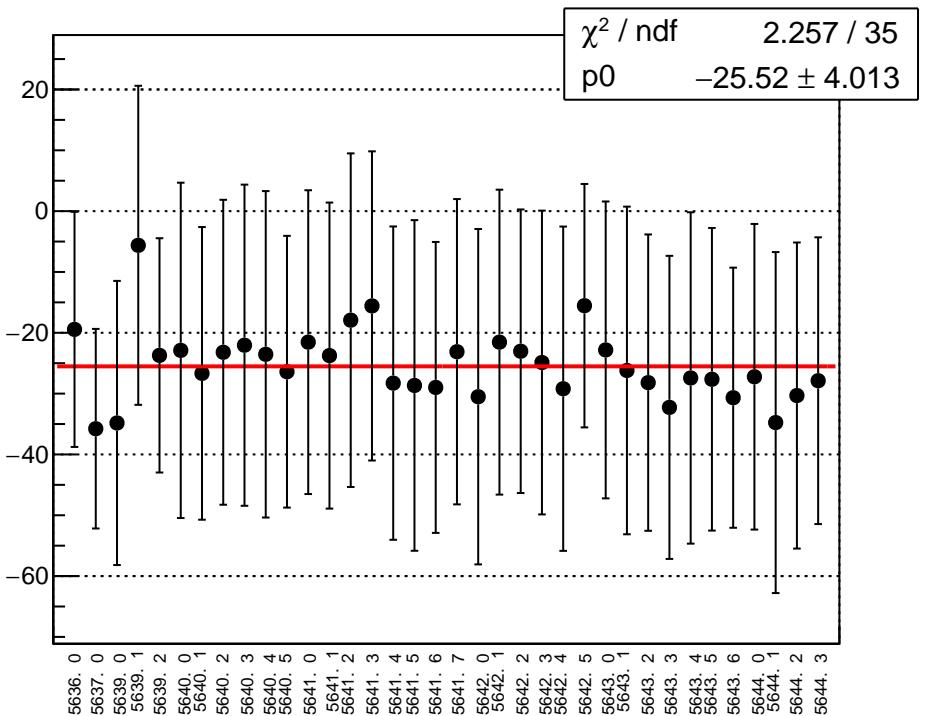
# reg\_asym\_sam\_48\_avg\_diff\_bpm4aX\_slope vs run



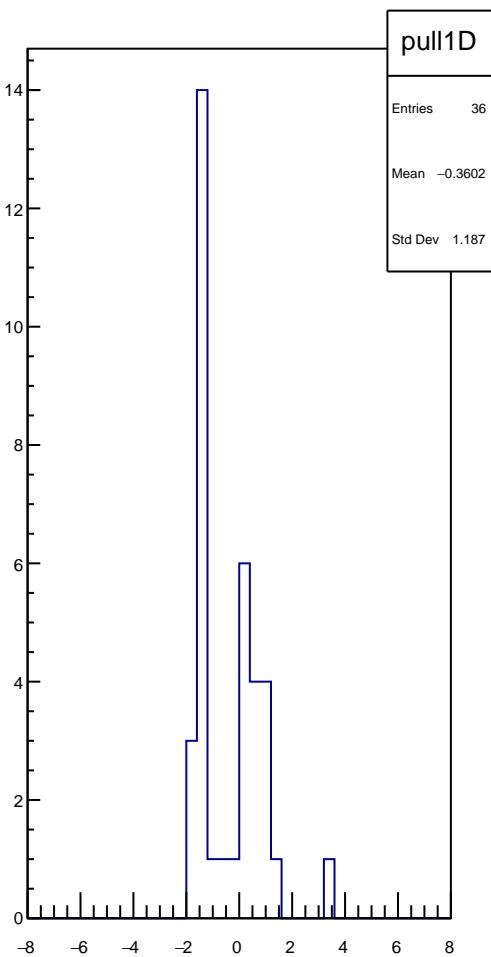
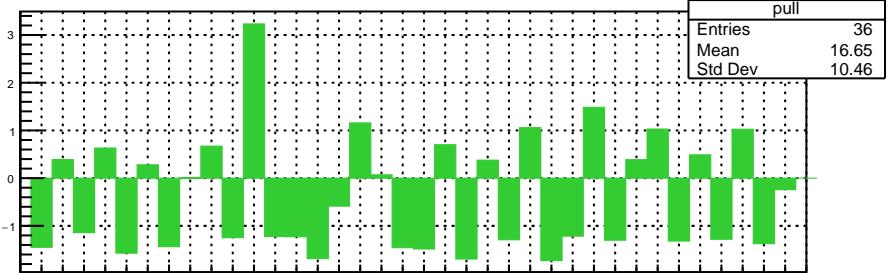
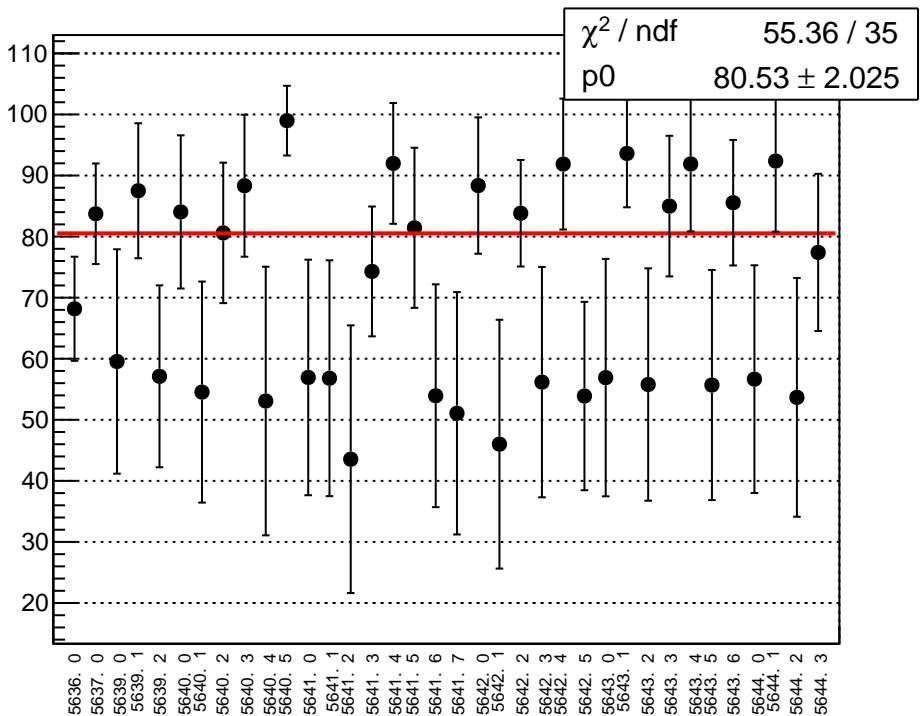
# reg\_asym\_sam\_48\_avg\_diff\_bpm4aY\_slope vs run



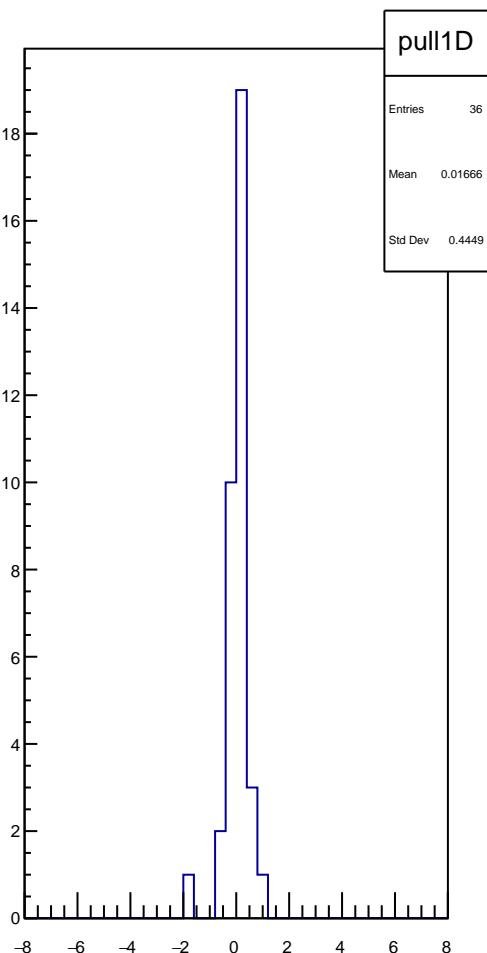
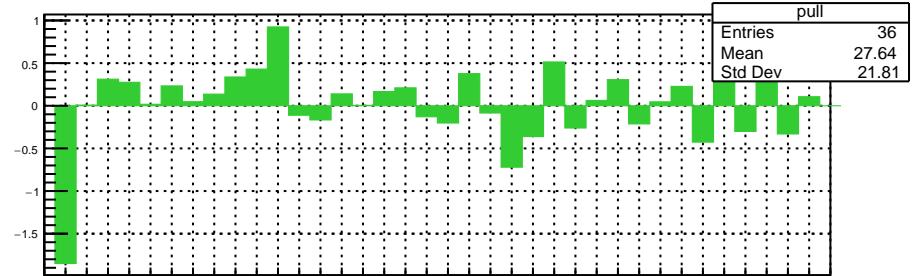
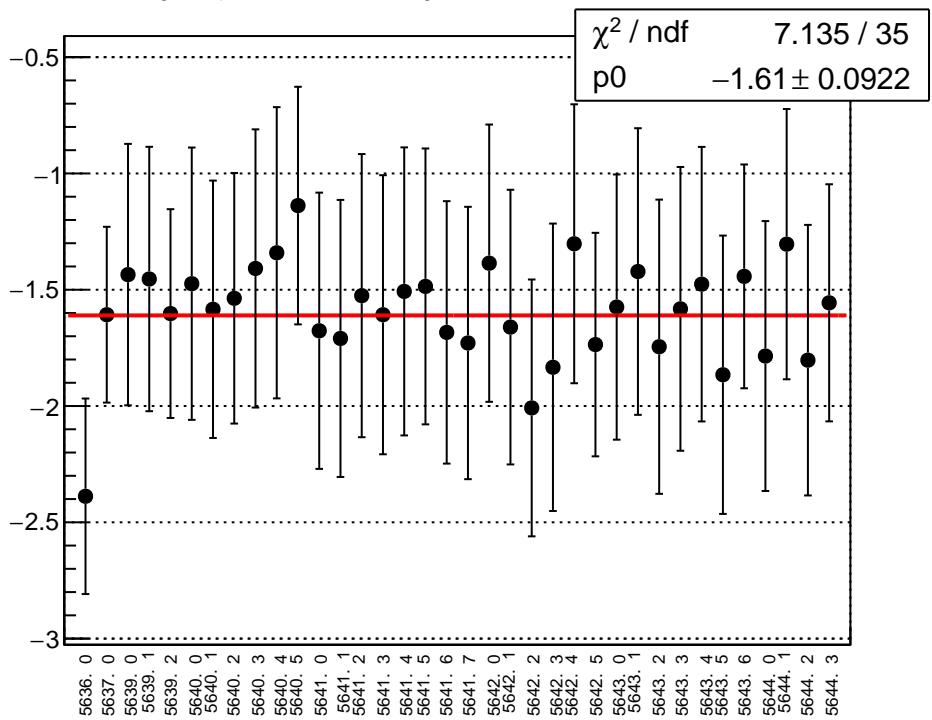
# reg\_asym\_sam\_48\_avg\_diff\_bpm4eX\_slope vs run



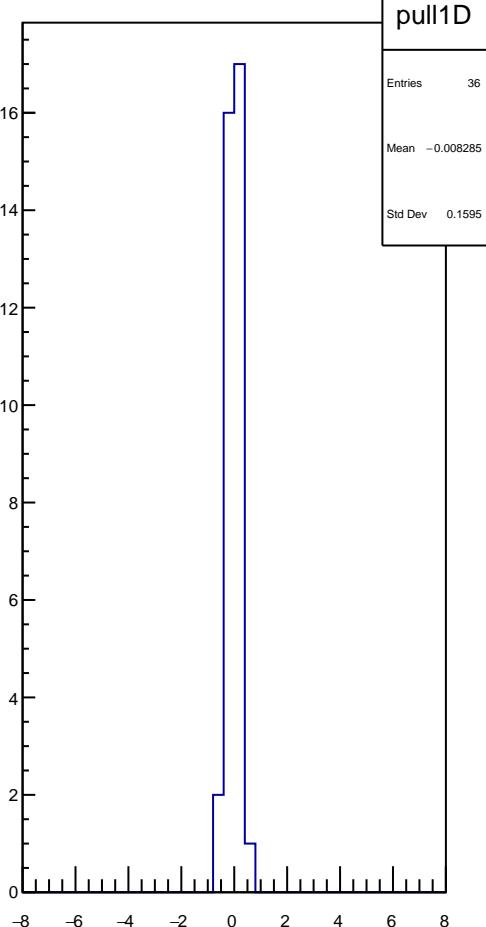
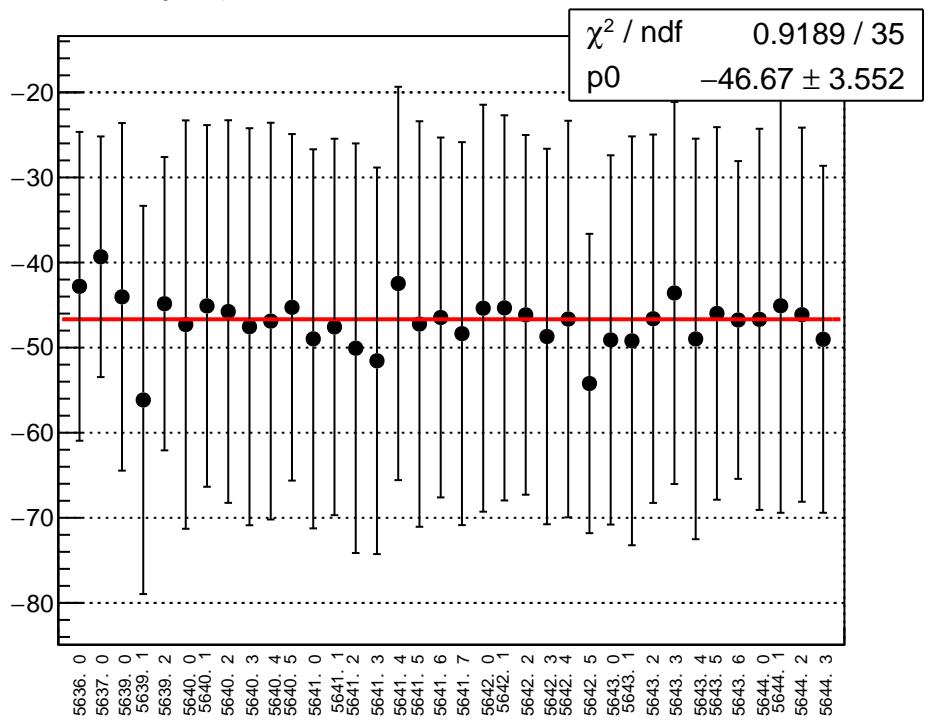
# reg\_asym\_sam\_48\_avg\_diff\_bpm4eY\_slope vs run



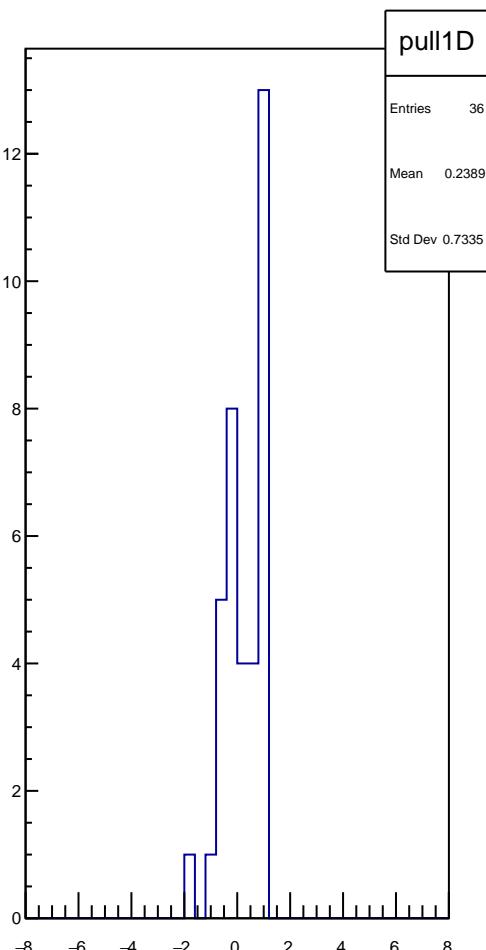
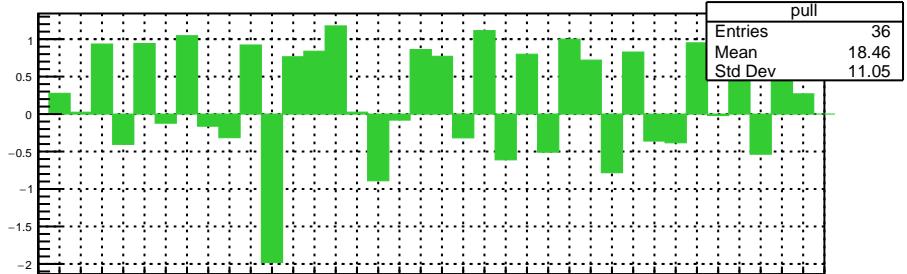
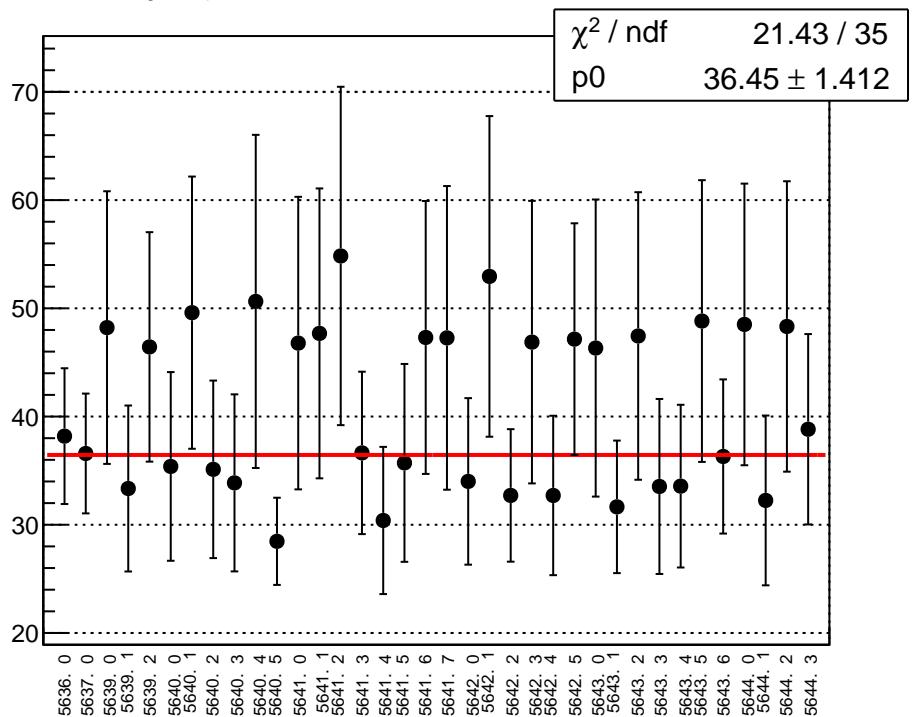
# reg\_asym\_sam\_48\_avg\_diff\_bpm12X\_slope vs run



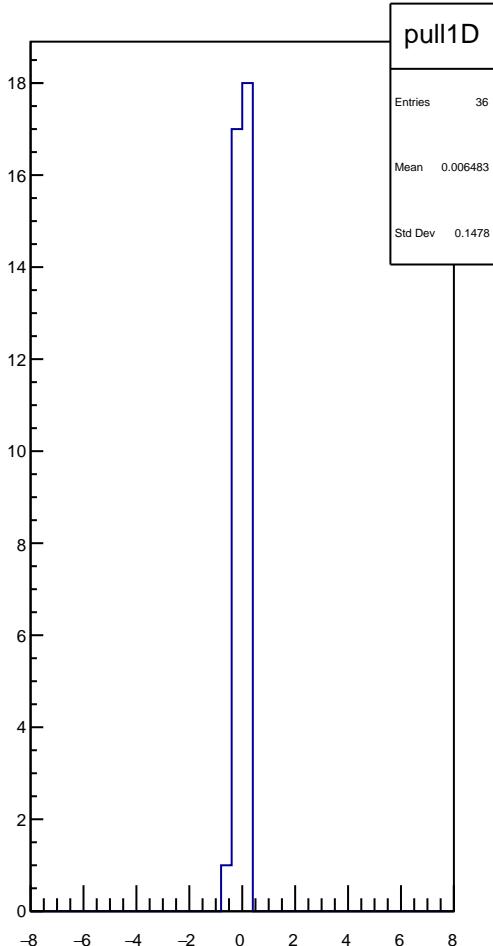
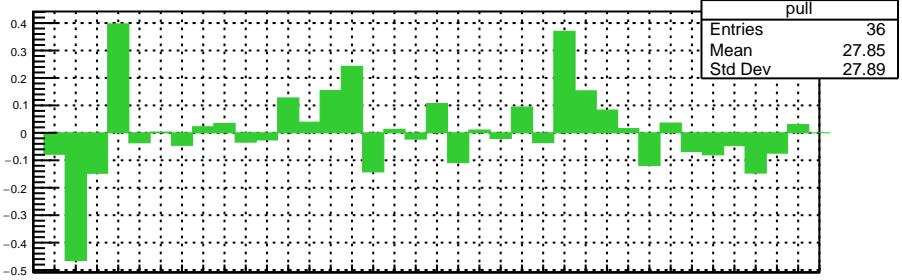
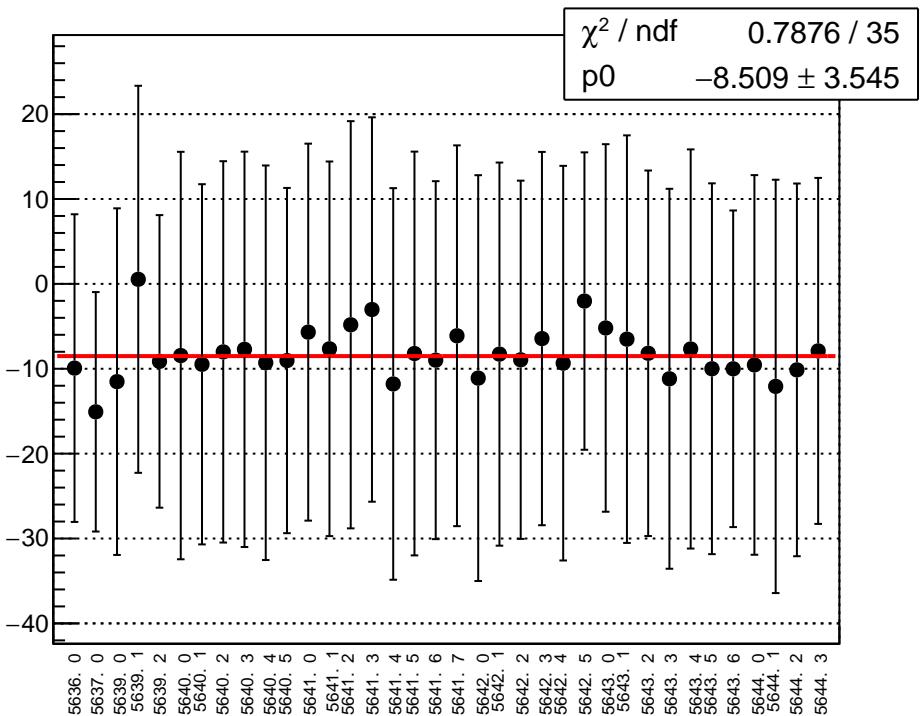
reg\_asym\_sam\_48\_dd\_diff\_bpm4aX\_slope vs run



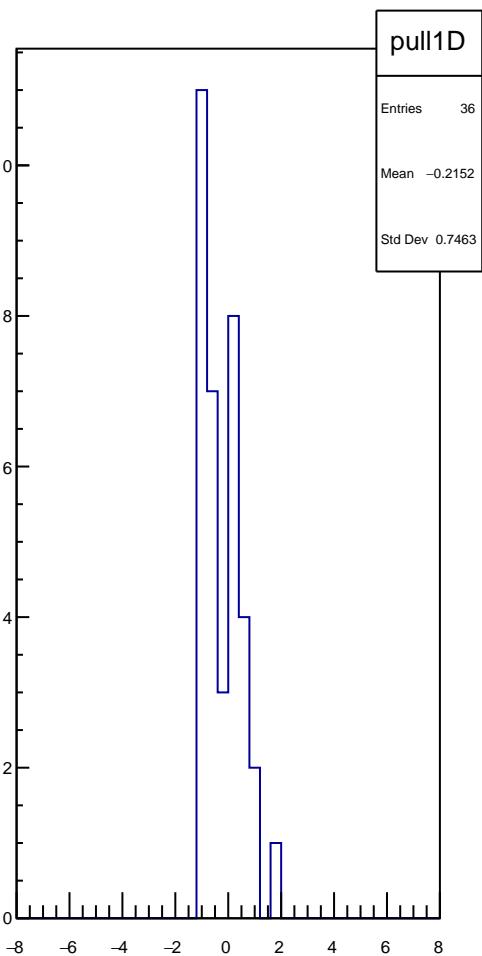
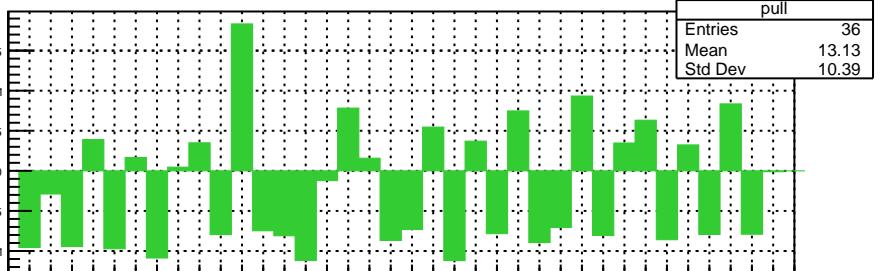
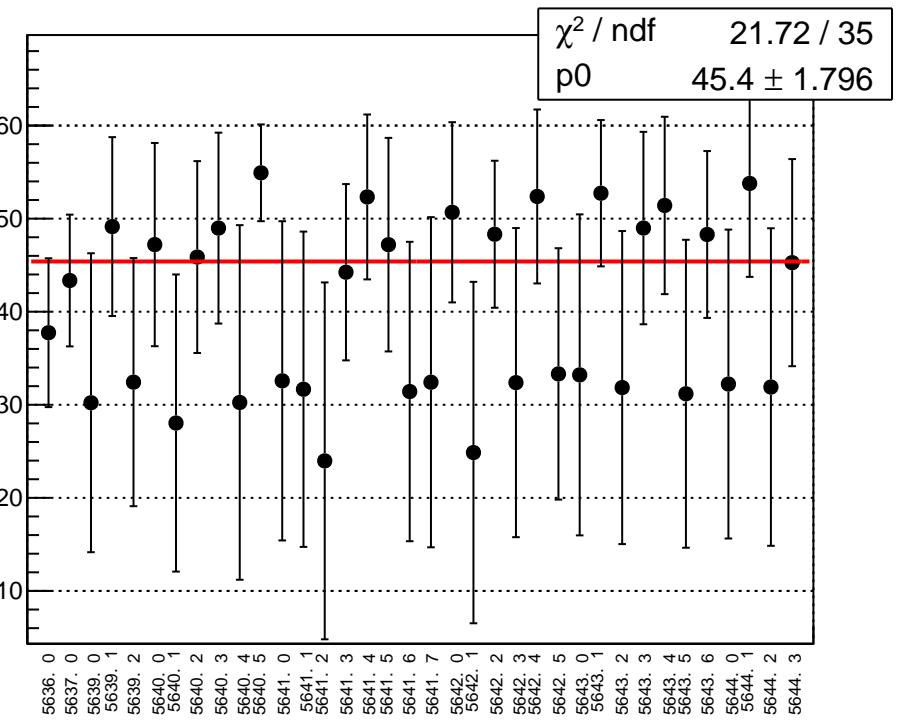
# reg\_asym\_sam\_48\_dd\_diff\_bpm4aY\_slope vs run



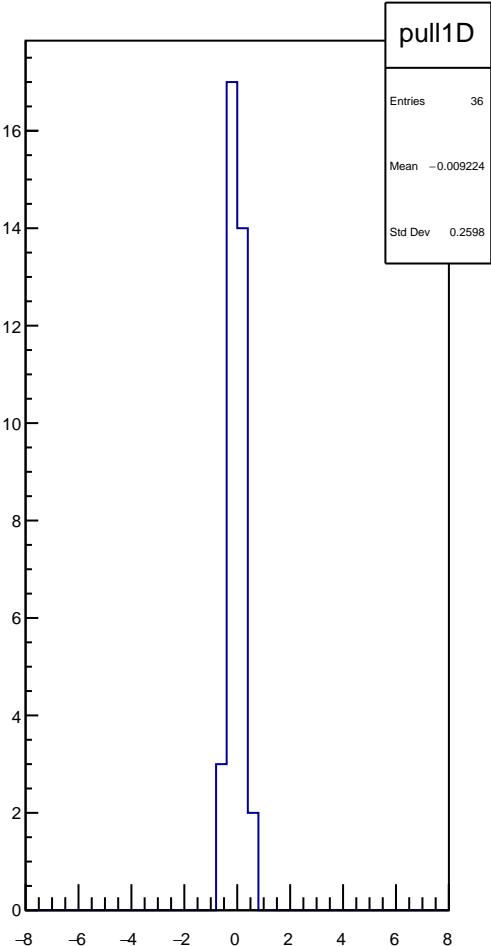
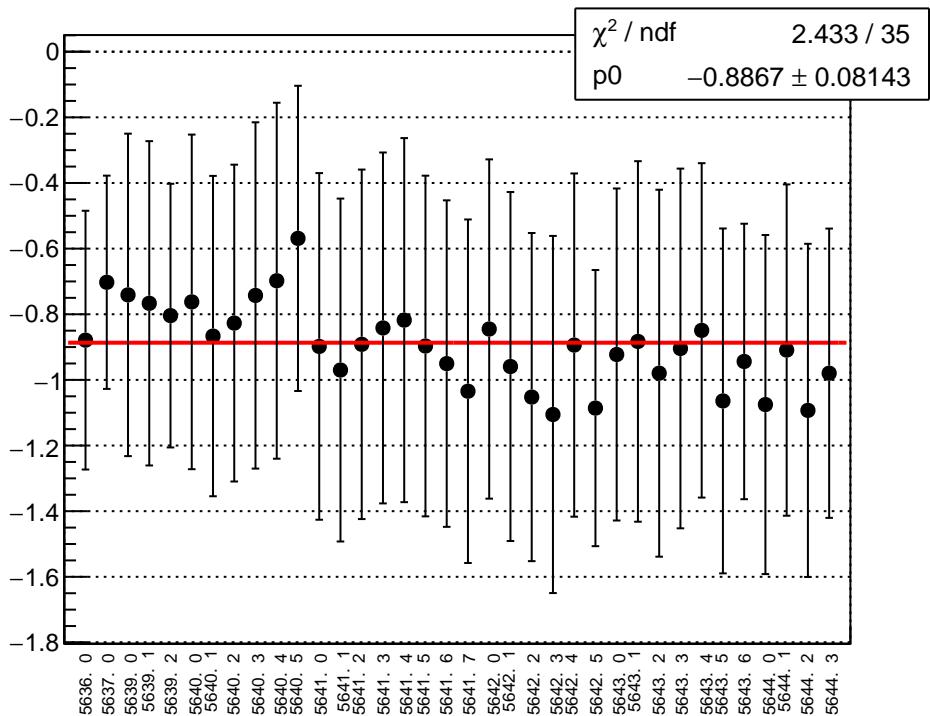
# reg\_asym\_sam\_48\_dd\_diff\_bpm4eX\_slope vs run



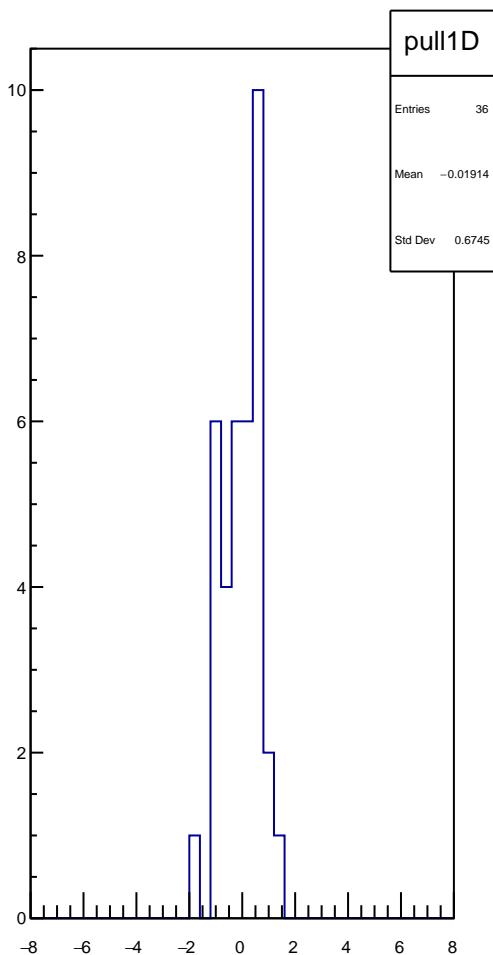
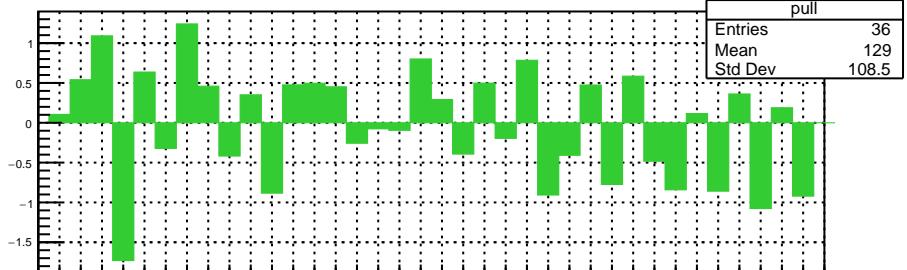
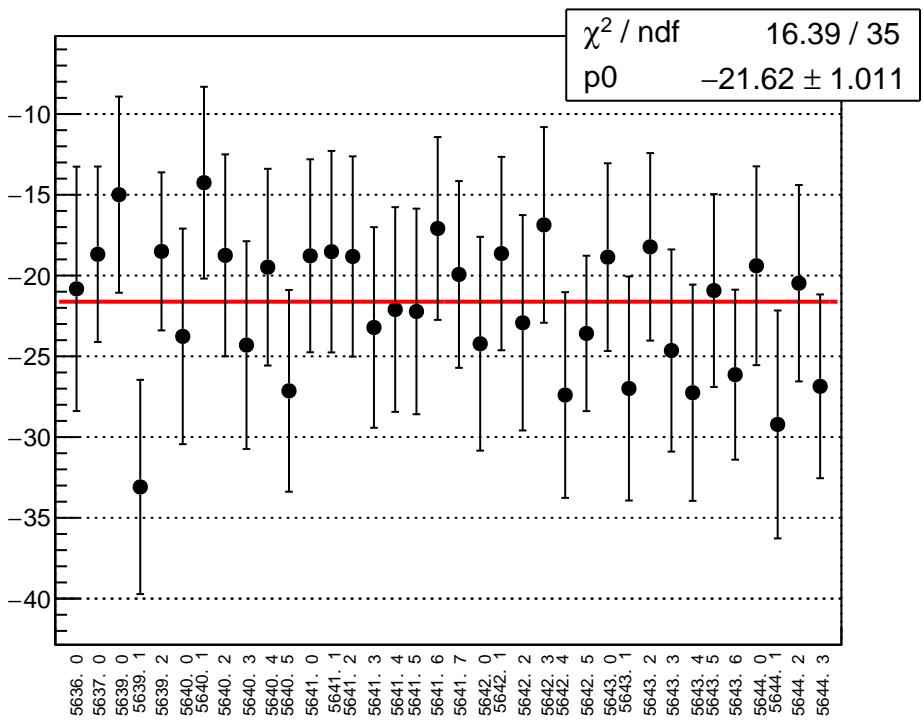
# reg\_asym\_sam\_48\_dd\_diff\_bpm4eY\_slope vs run



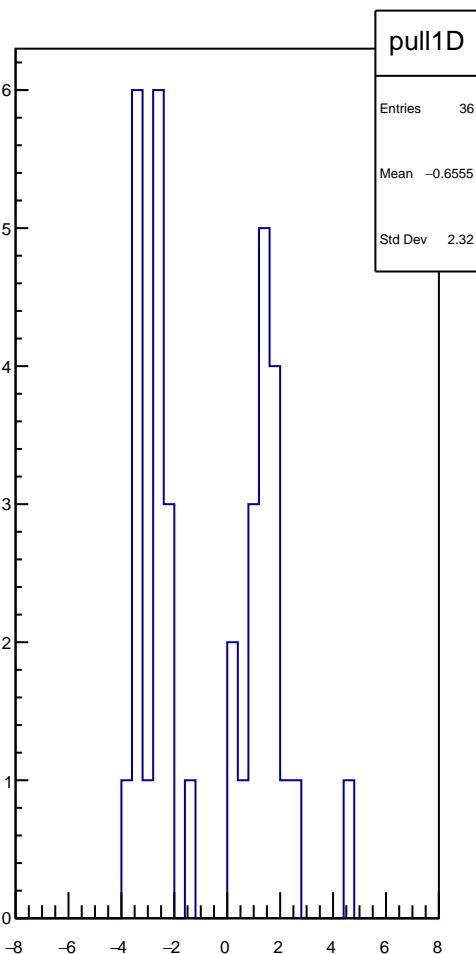
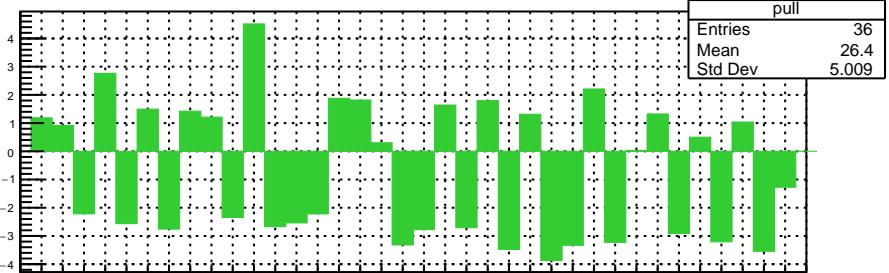
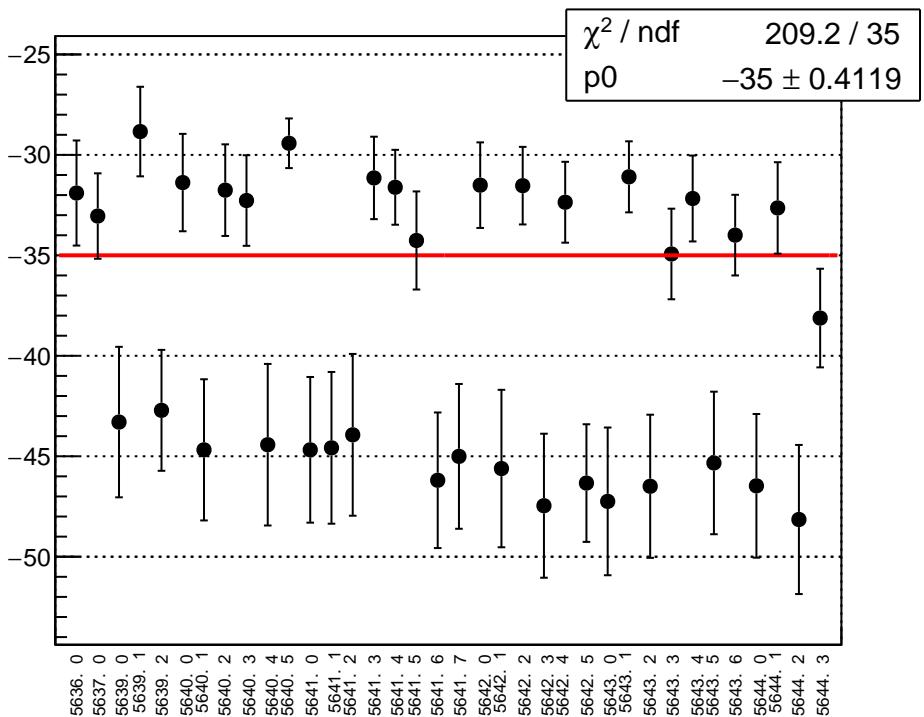
# reg\_asym.sam\_48\_dd\_diff\_bpm12X\_slope vs run



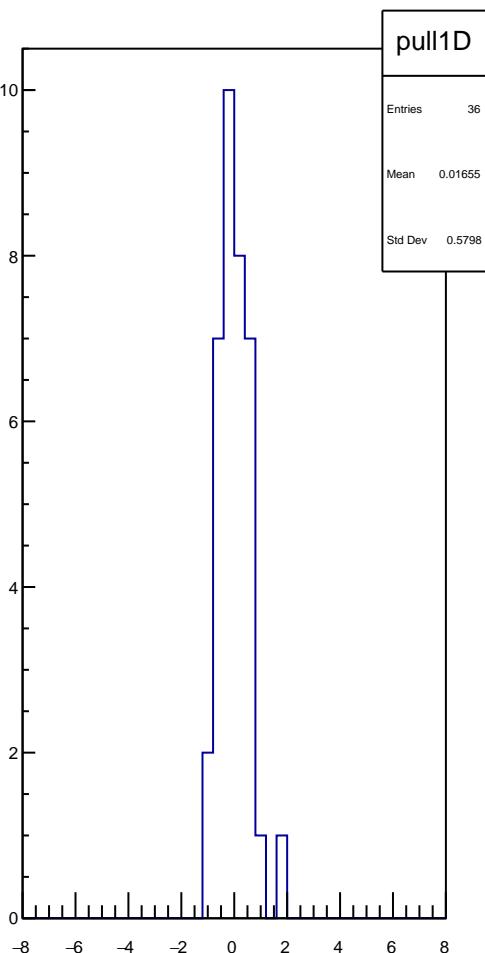
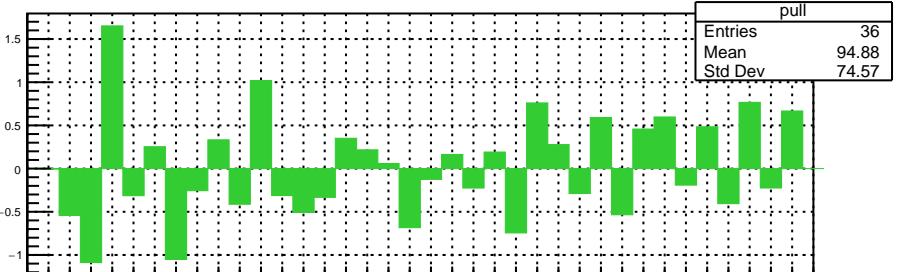
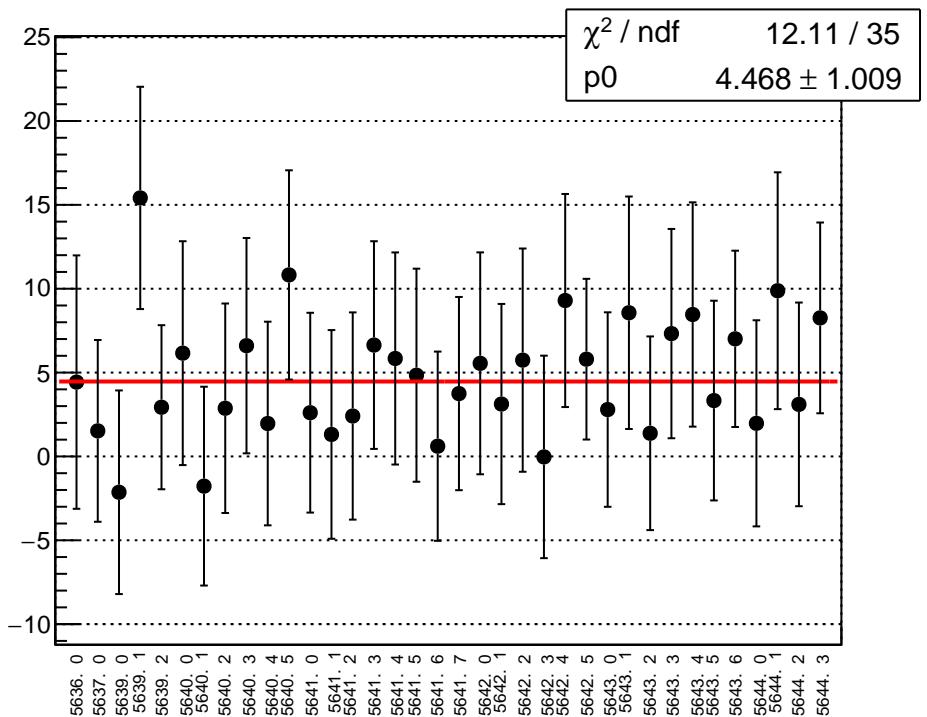
# reg\_asym\_sam\_13\_57\_dd\_diff\_bpm4aX\_slope vs run



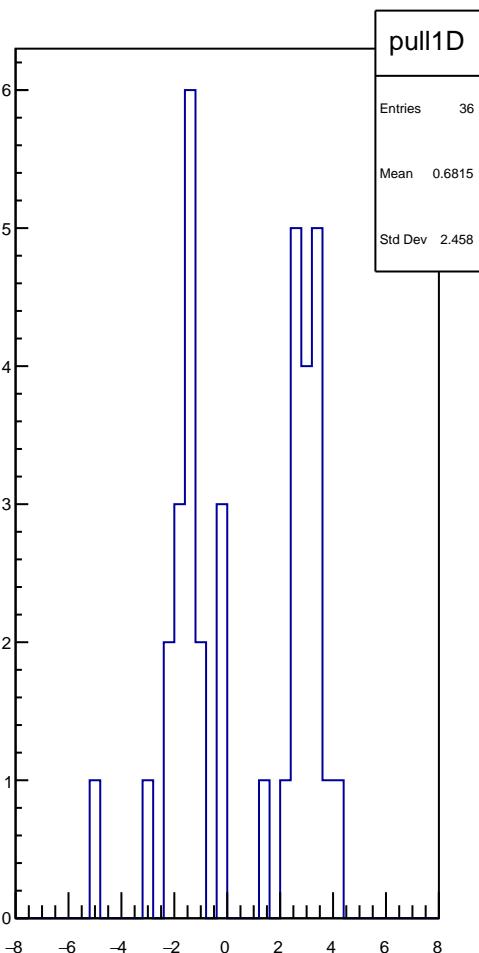
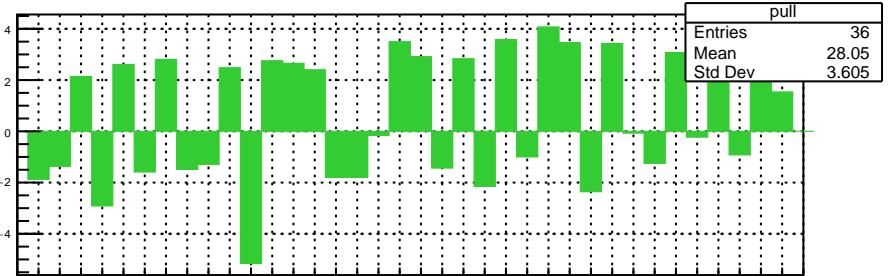
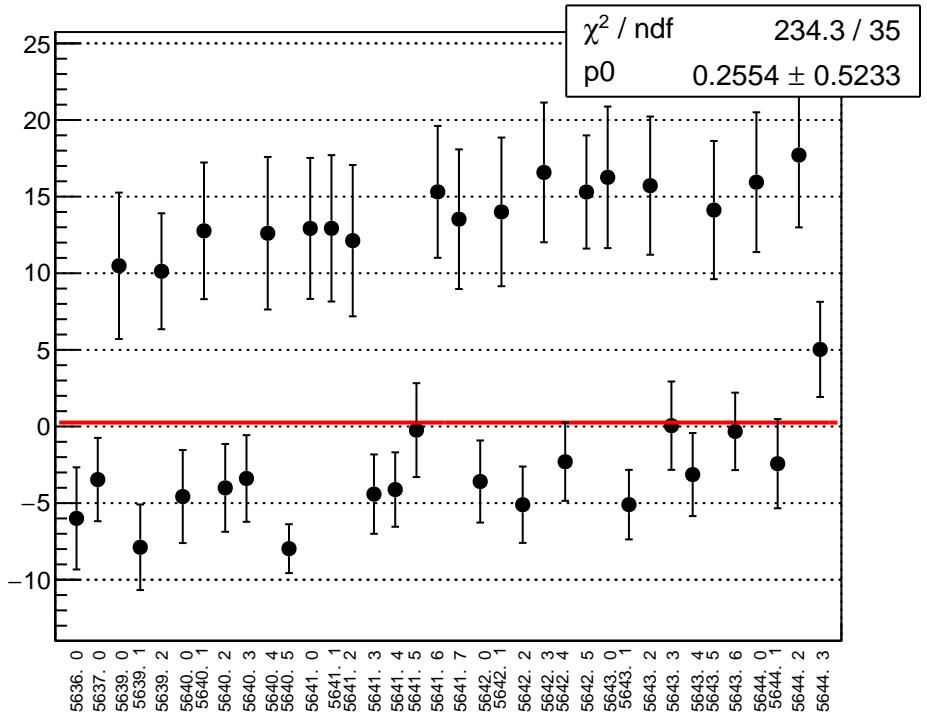
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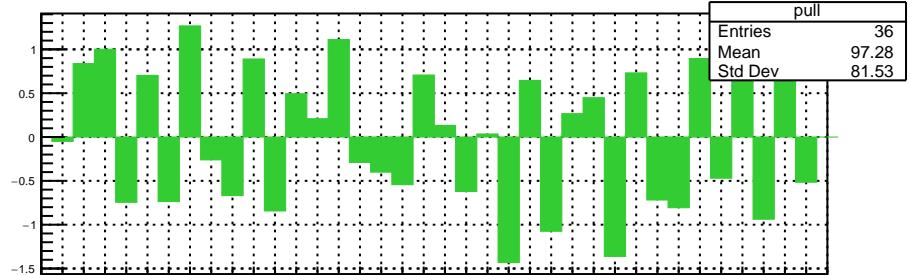
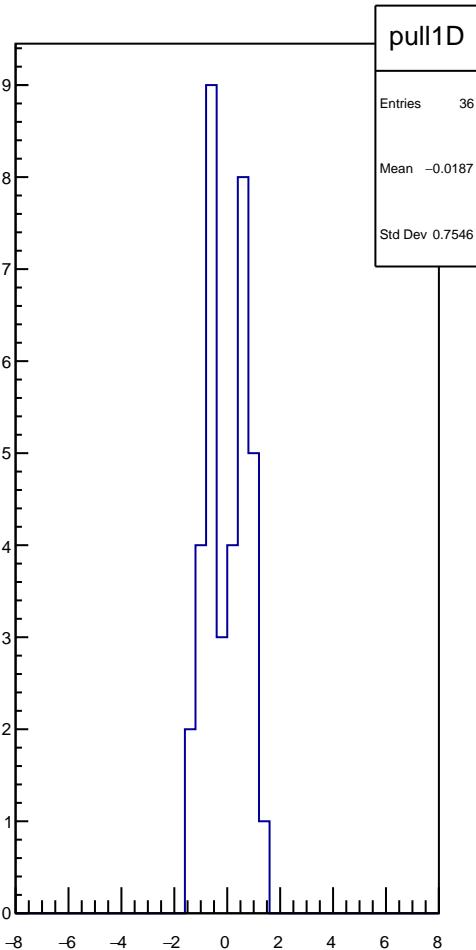
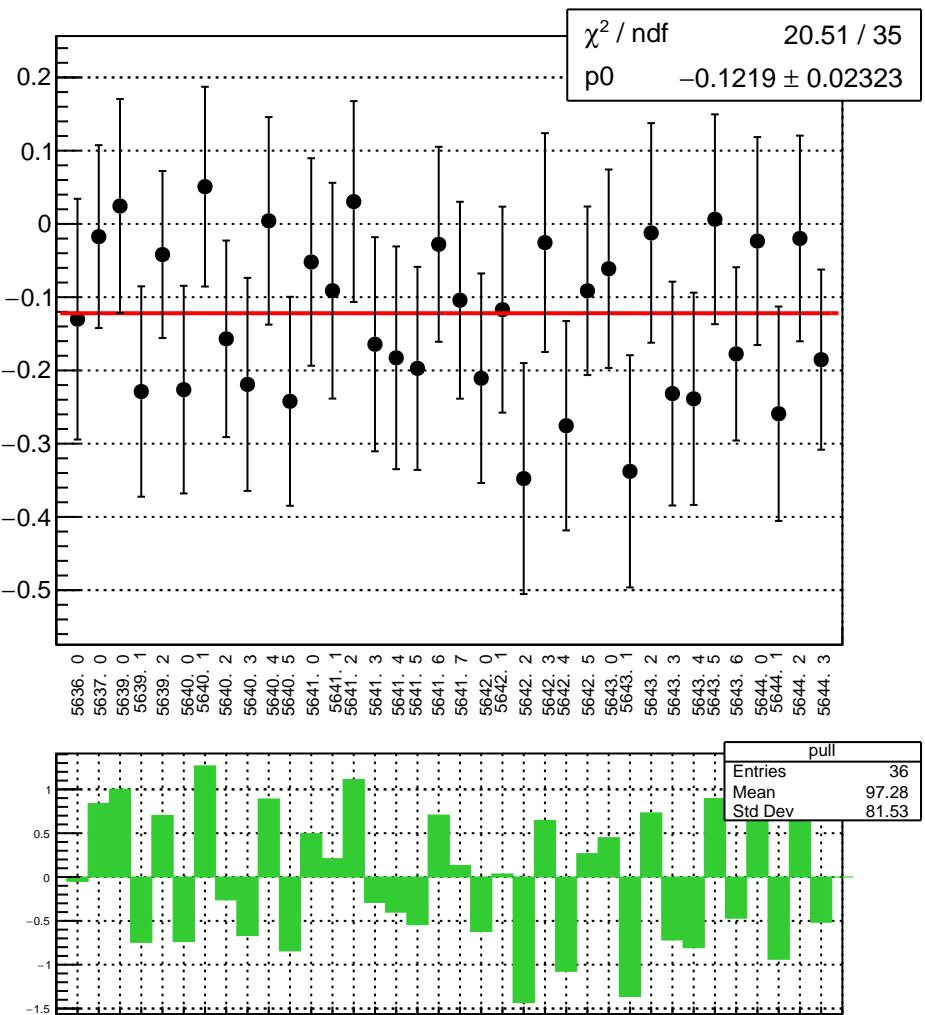
# reg\_asym\_sam\_13\_57\_dd\_diff\_bpm4eX\_slope vs run



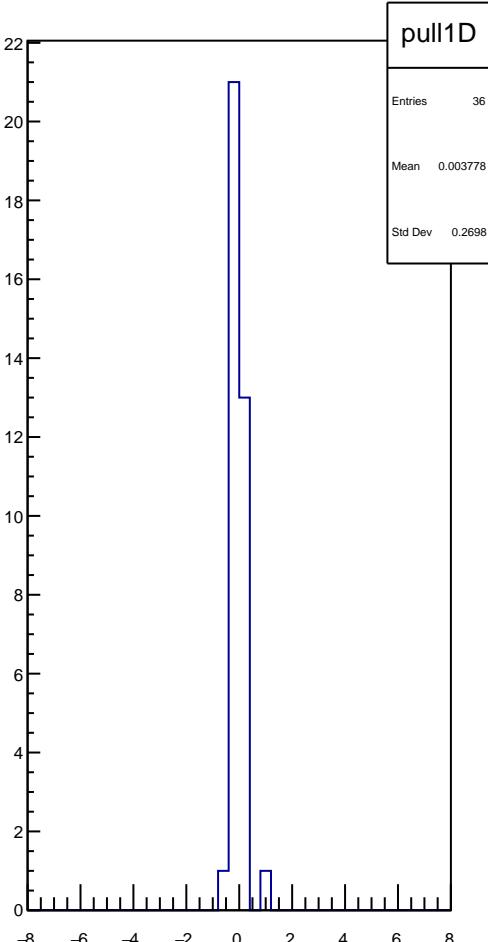
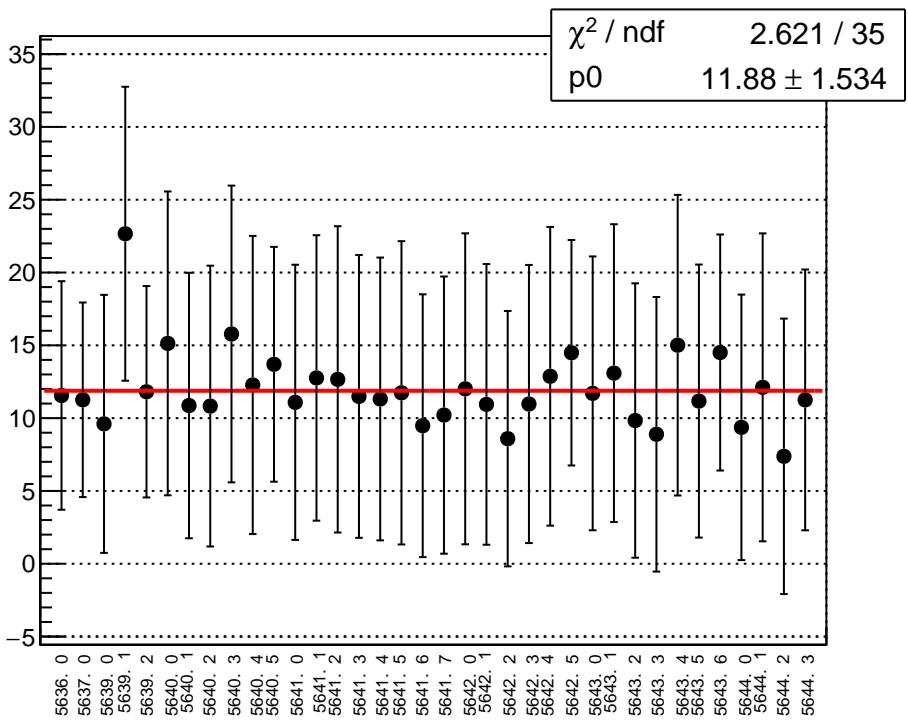
# reg\_asym\_sam\_13\_57\_dd\_diff\_bpm4eY\_slope vs run



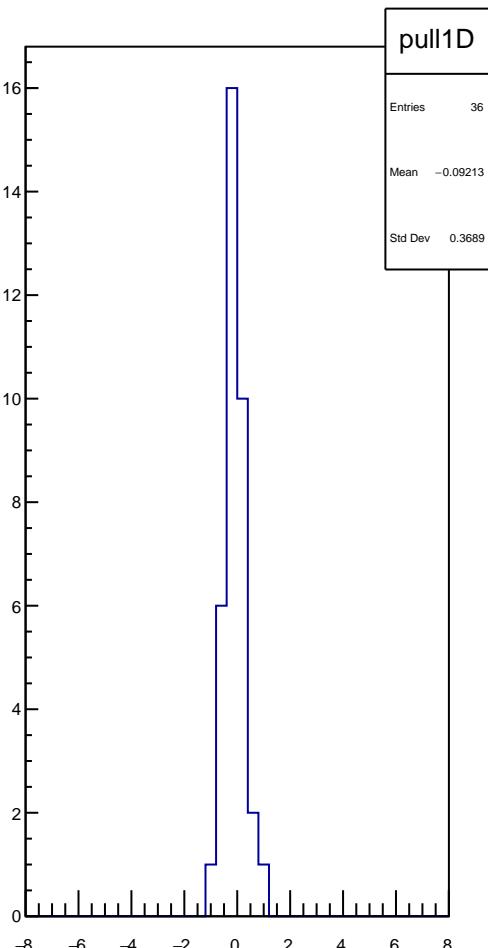
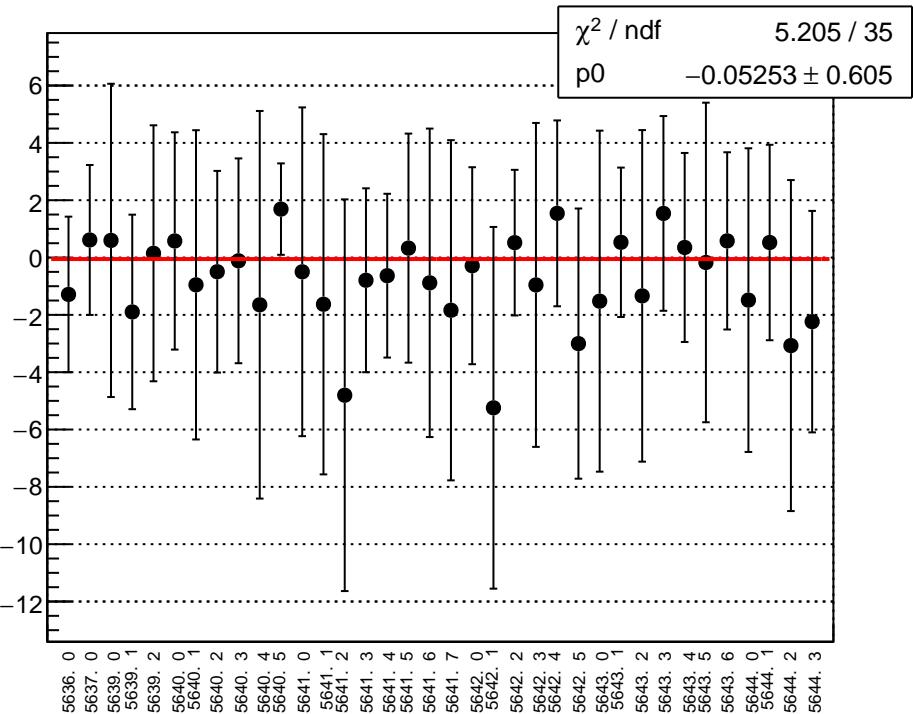
# reg\_asym\_sam\_13\_57\_dd\_diff\_bpm12X\_slope vs run



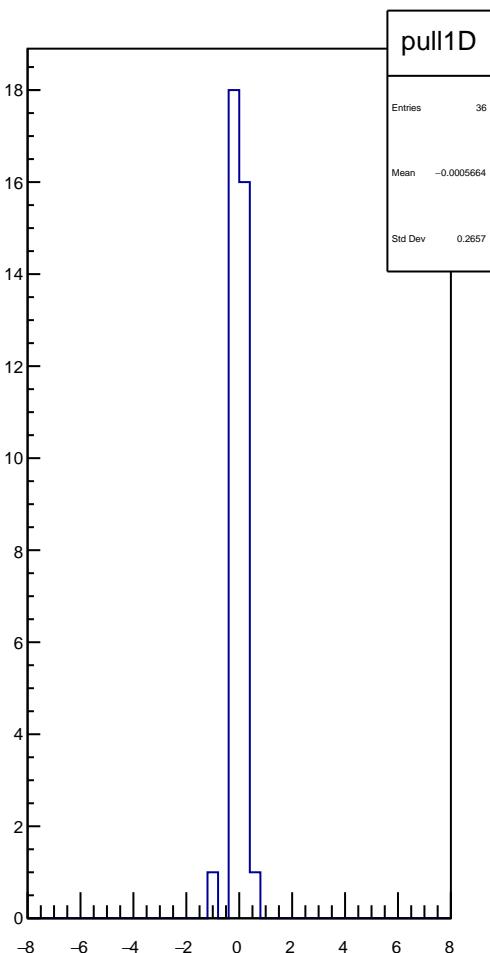
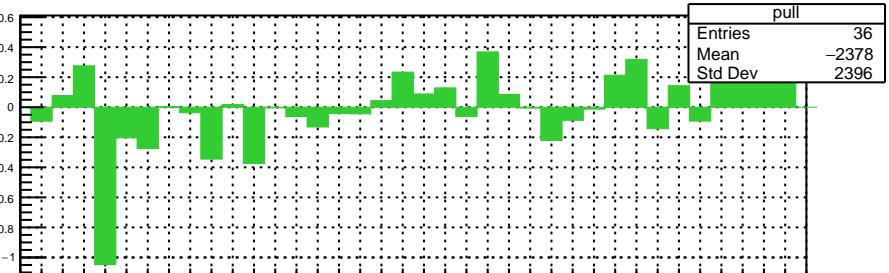
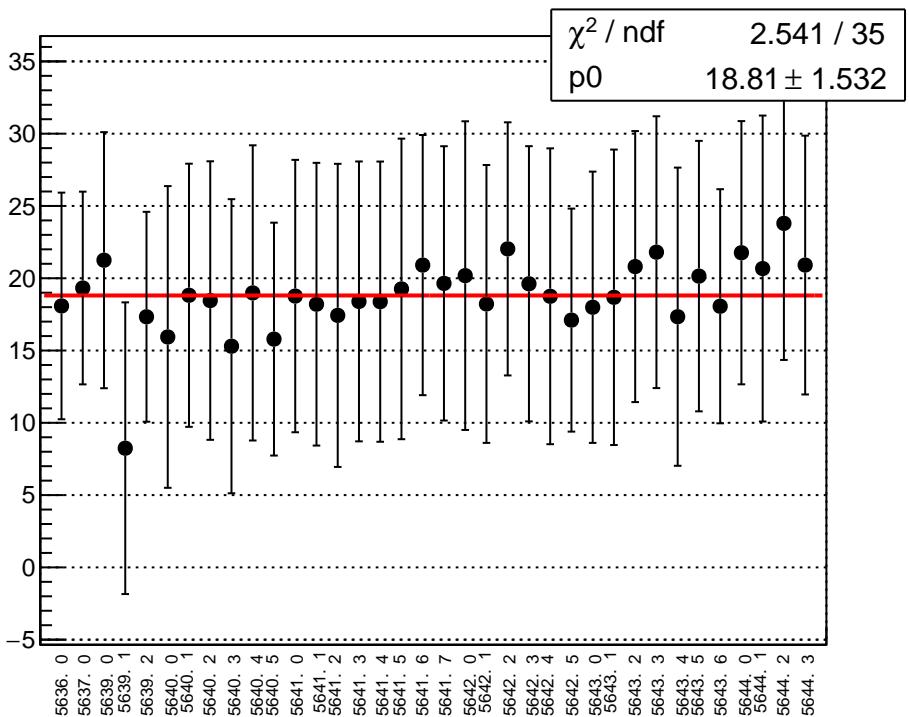
# reg\_asym\_sam\_15\_37\_dd\_diff\_bpm4aX\_slope vs run



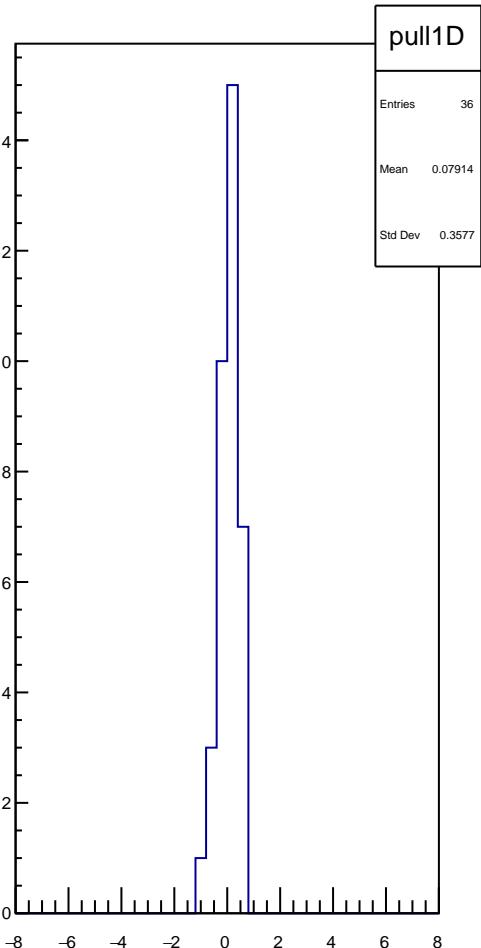
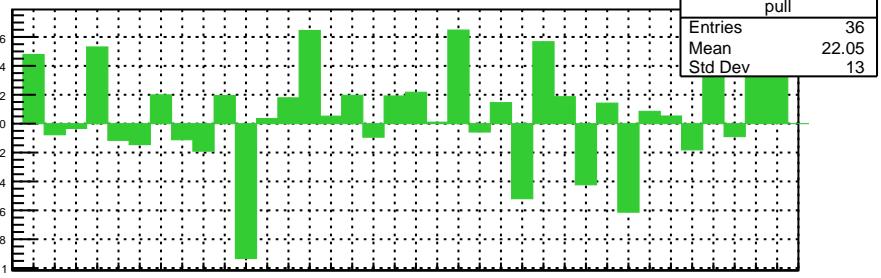
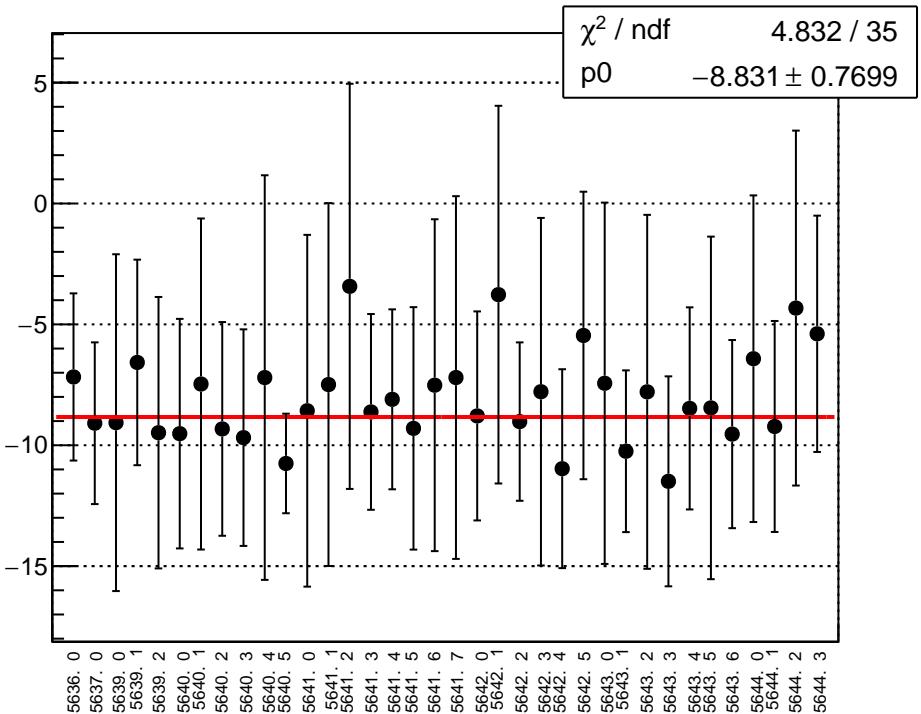
# reg\_asym\_sam\_15\_37\_dd\_diff\_bpm4aY\_slope vs run



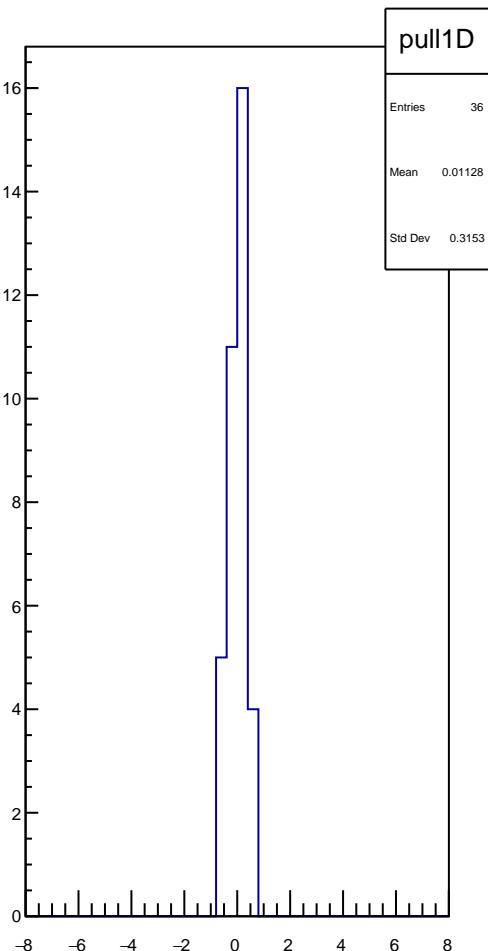
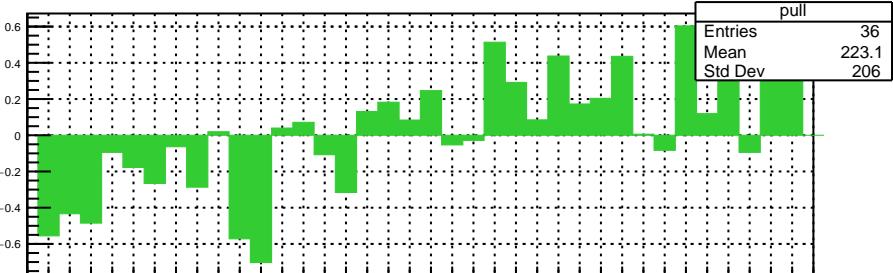
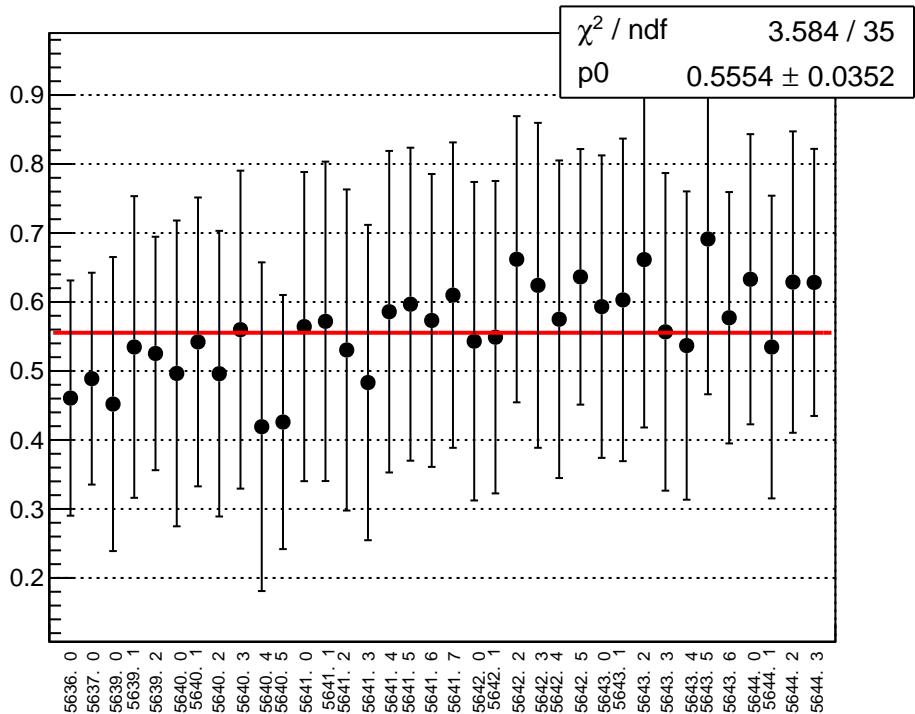
# reg\_asym\_sam\_15\_37\_dd\_diff\_bpm4eX\_slope vs run



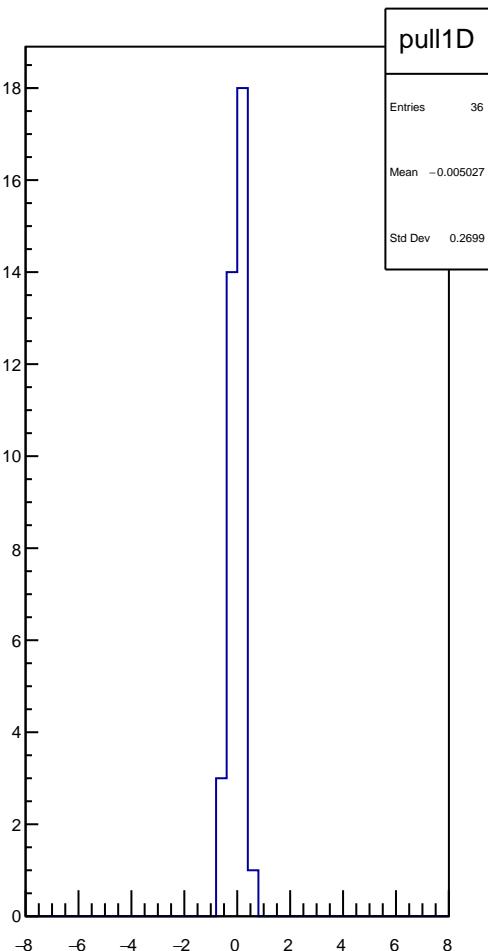
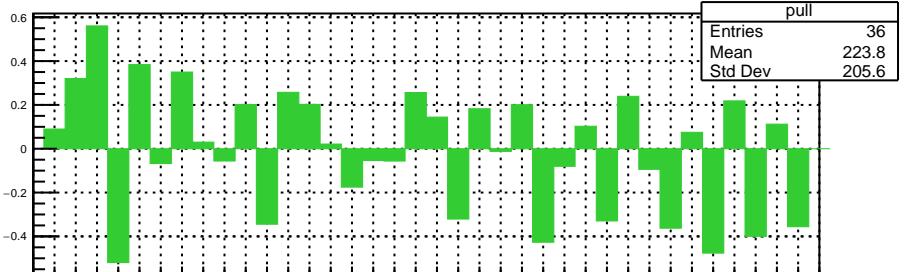
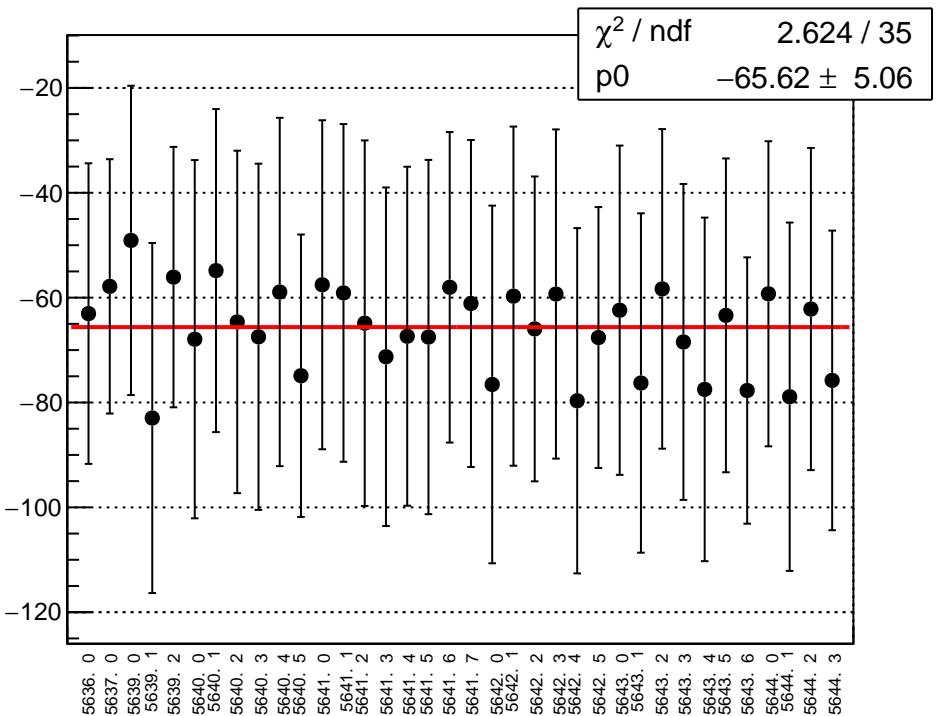
# reg\_asym\_sam\_15\_37\_dd\_diff\_bpm4eY\_slope vs run



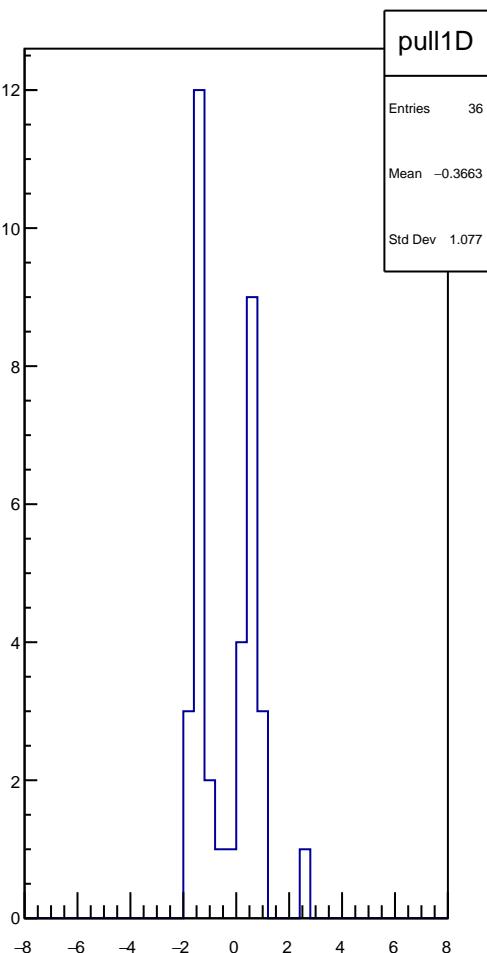
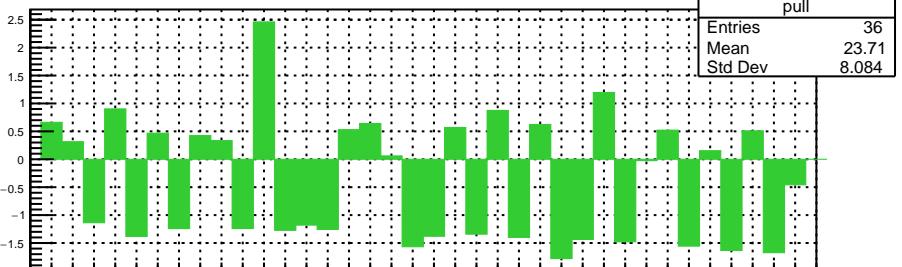
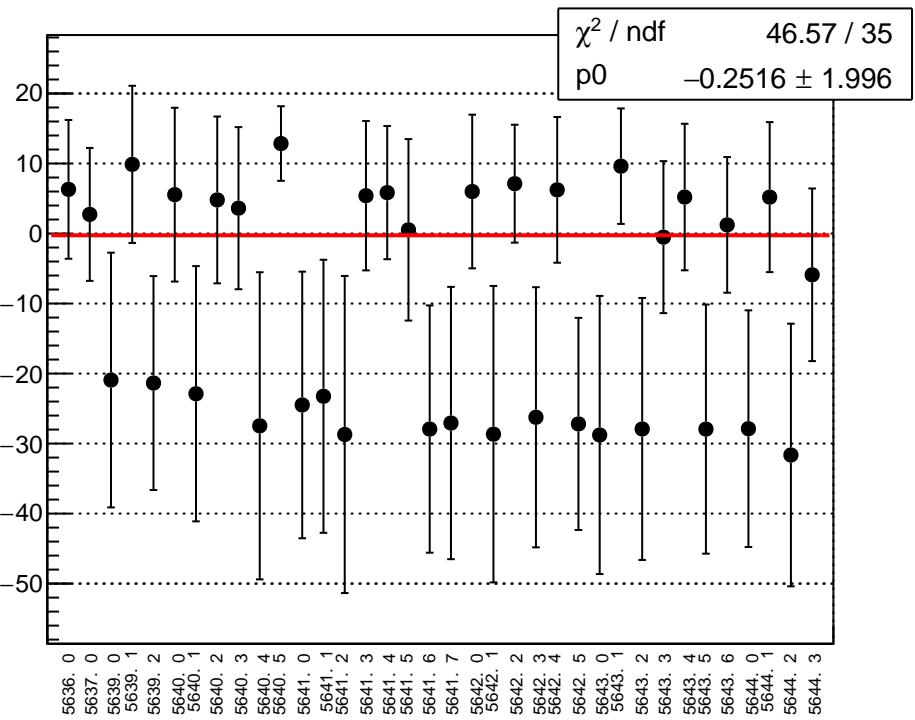
# reg\_asym\_sam\_15\_37\_dd\_diff\_bpm12X\_slope vs run



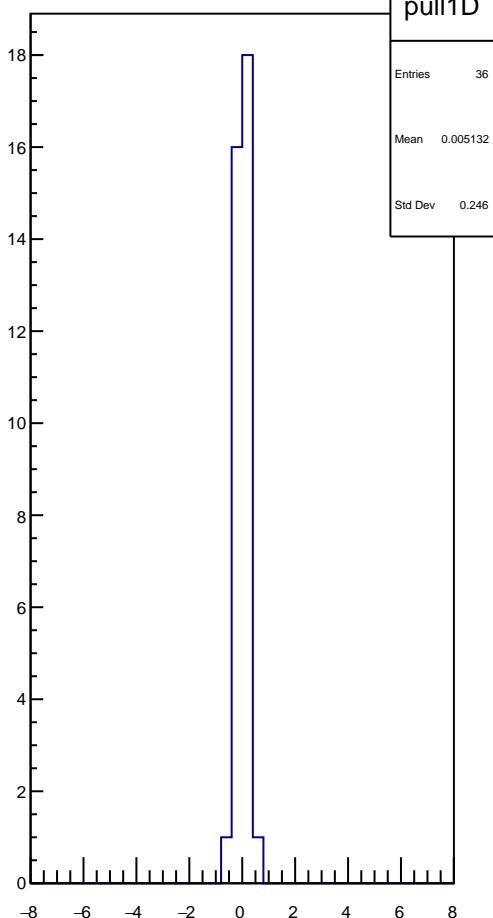
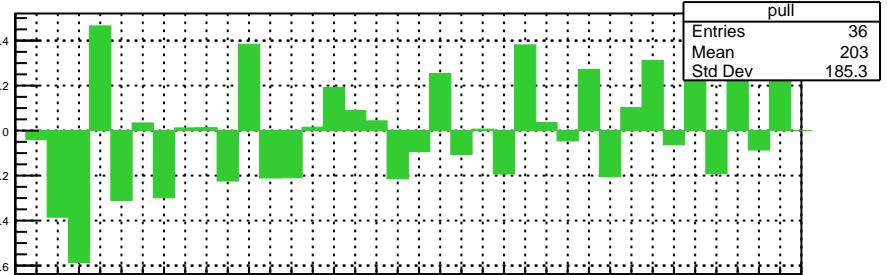
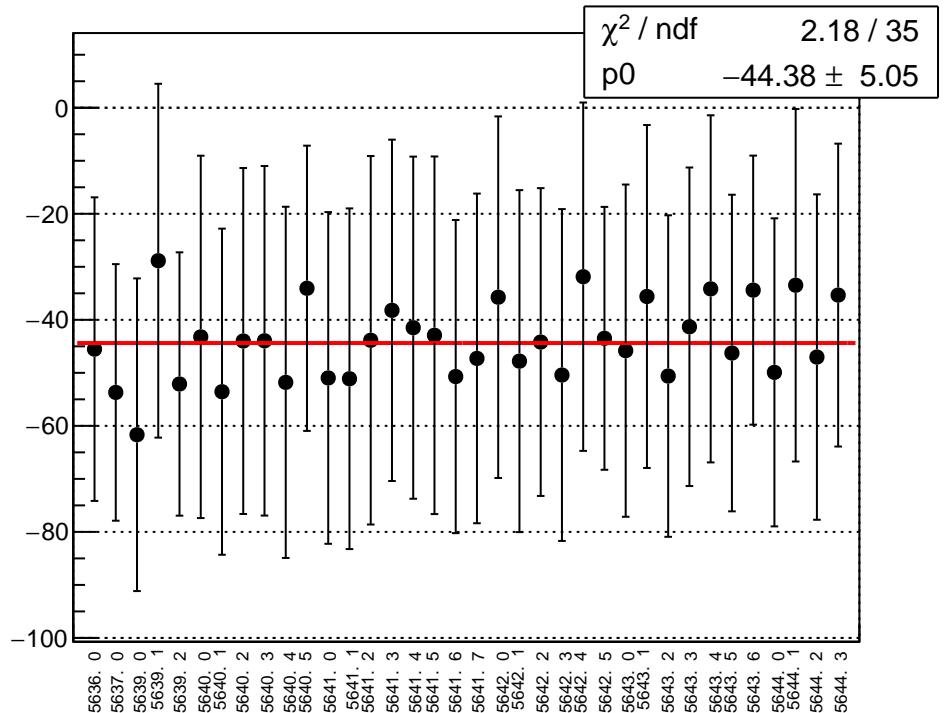
# reg\_asym\_sam\_24\_68\_dd\_diff\_bpm4aX\_slope vs run



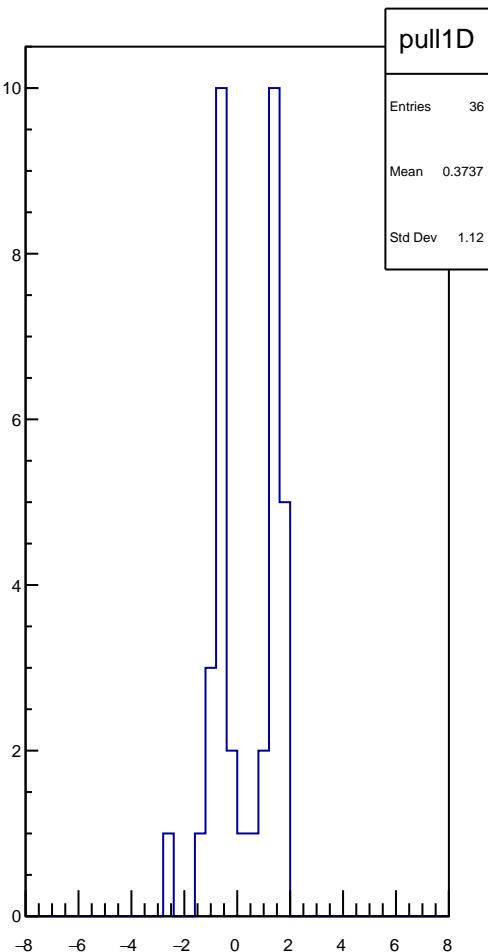
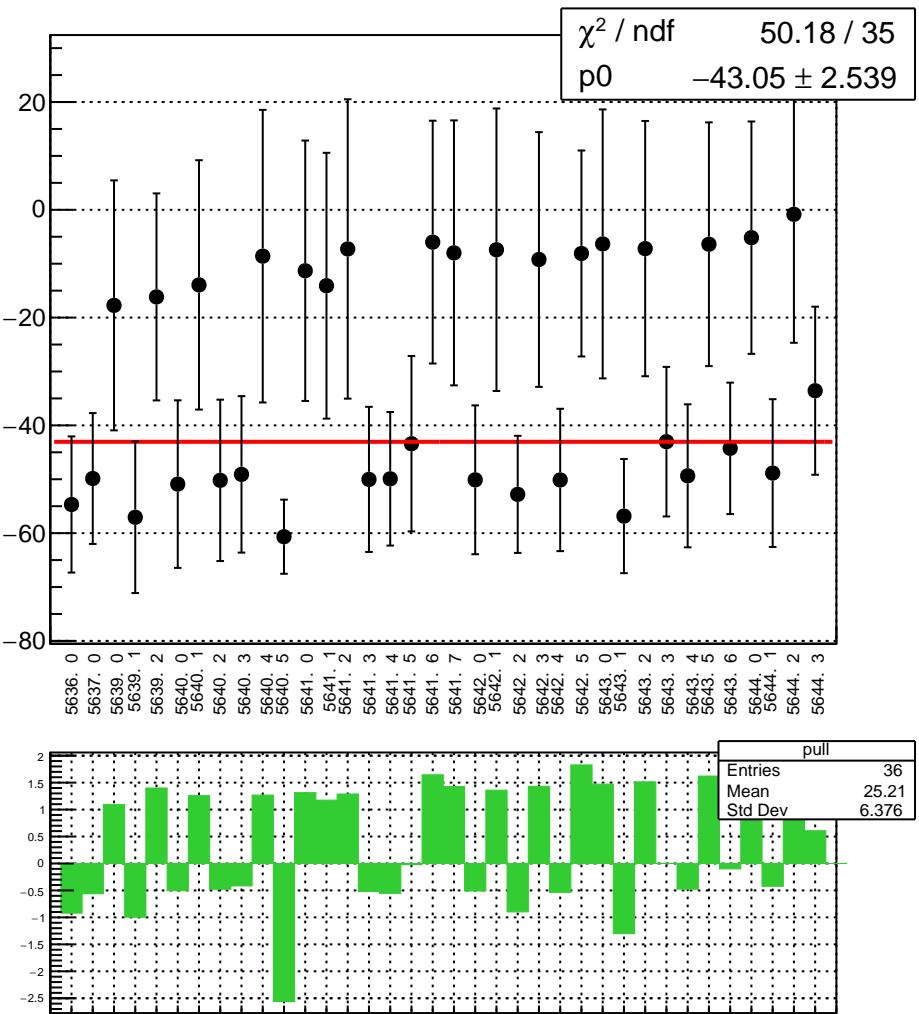
# reg\_asym\_sam\_24\_68\_dd\_diff\_bpm4aY\_slope vs run



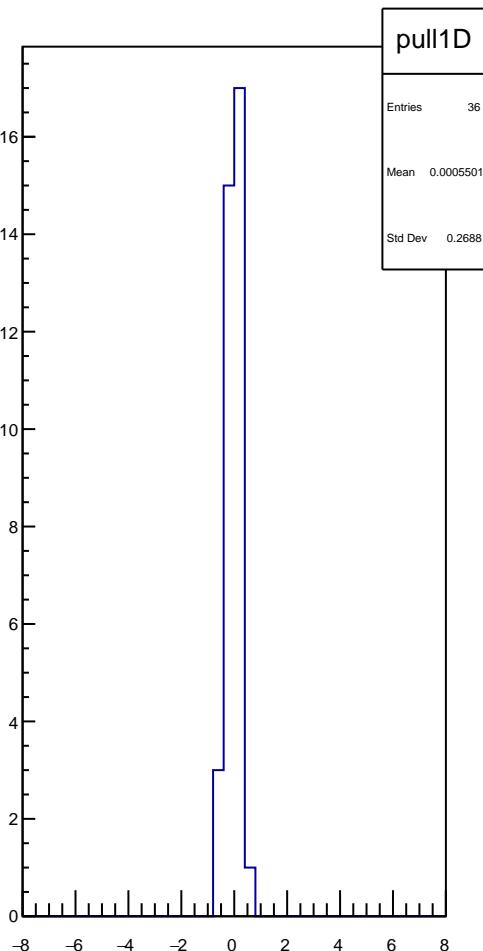
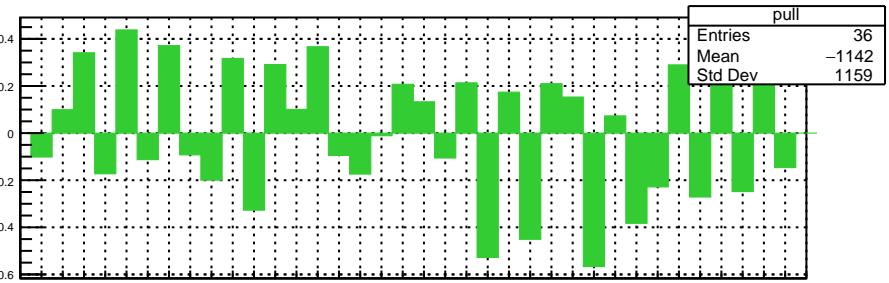
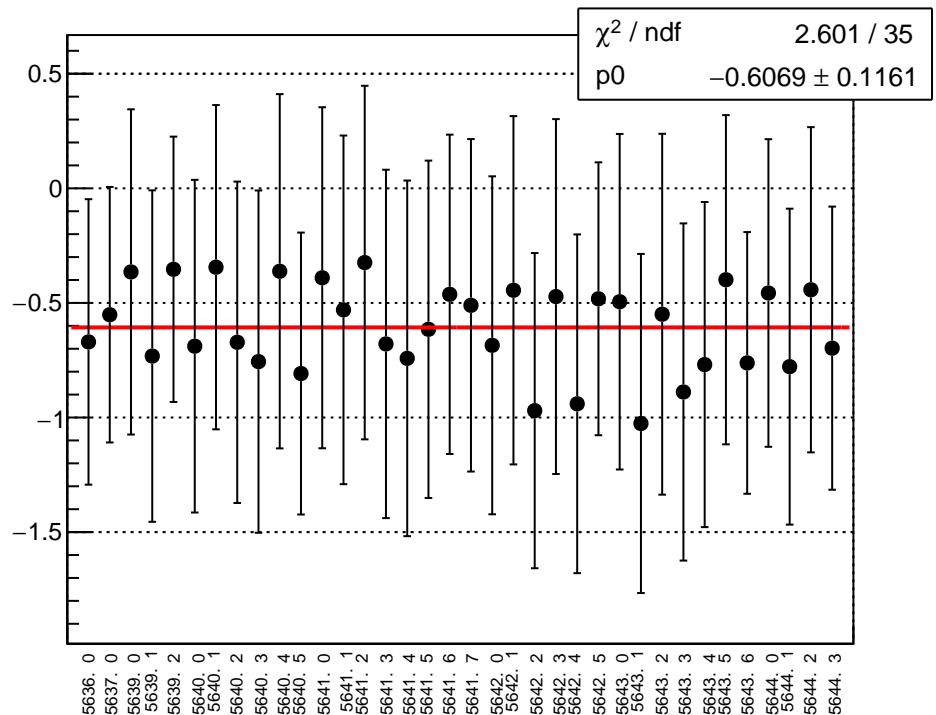
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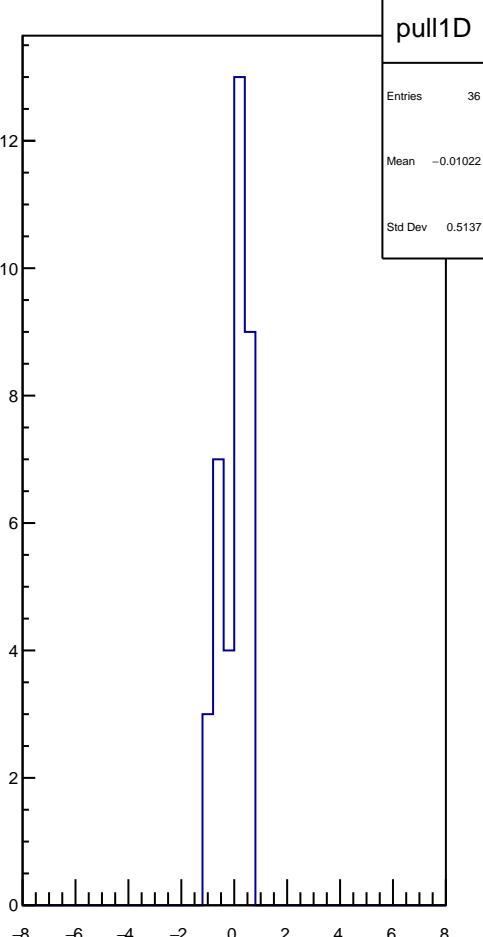
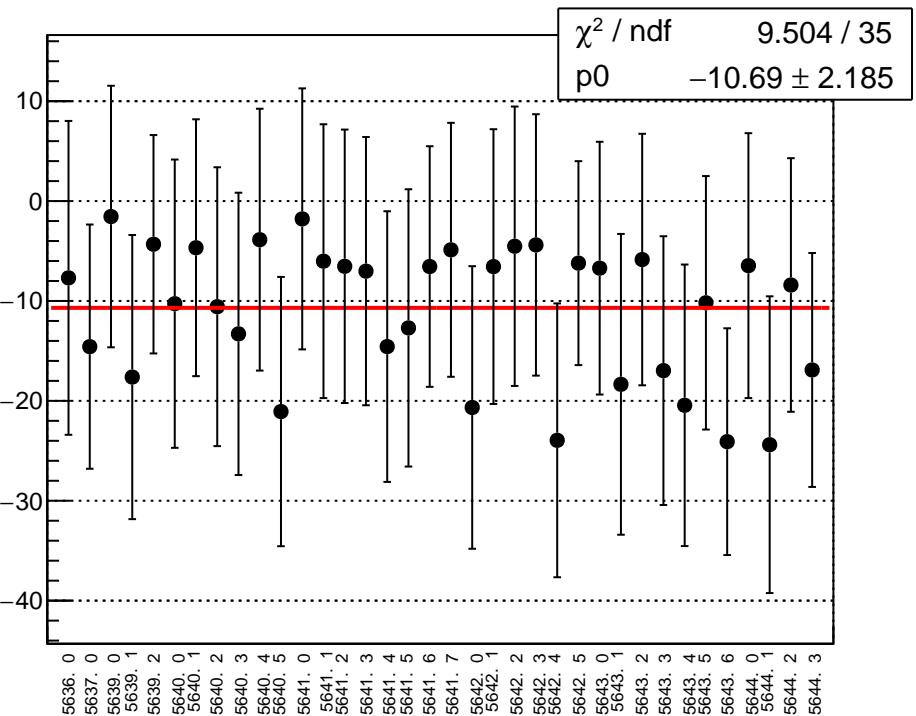
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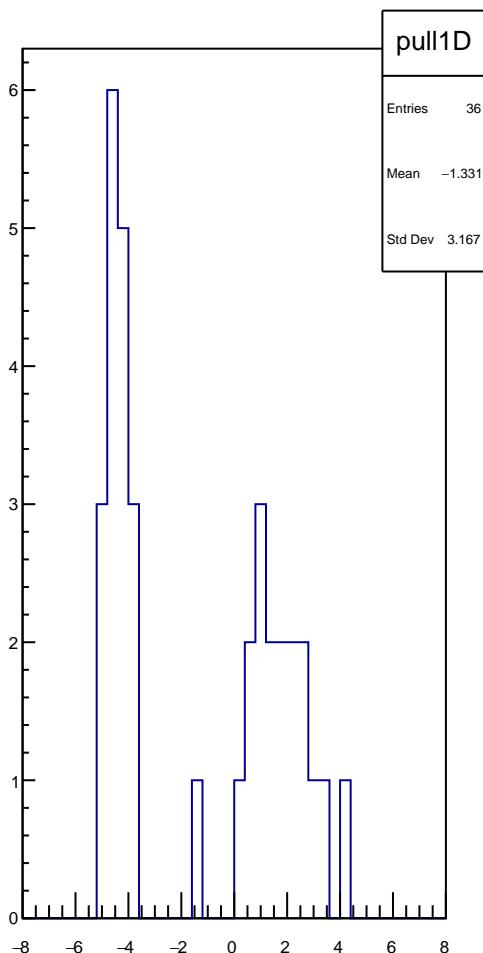
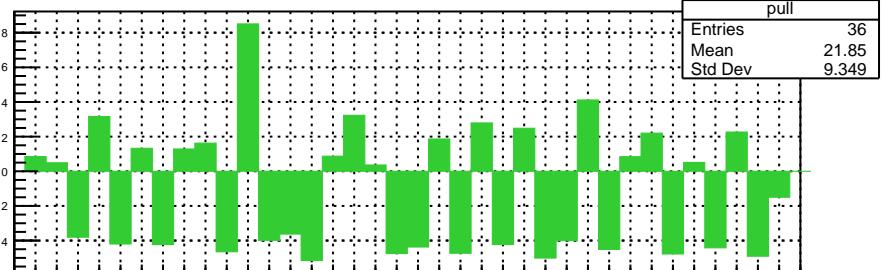
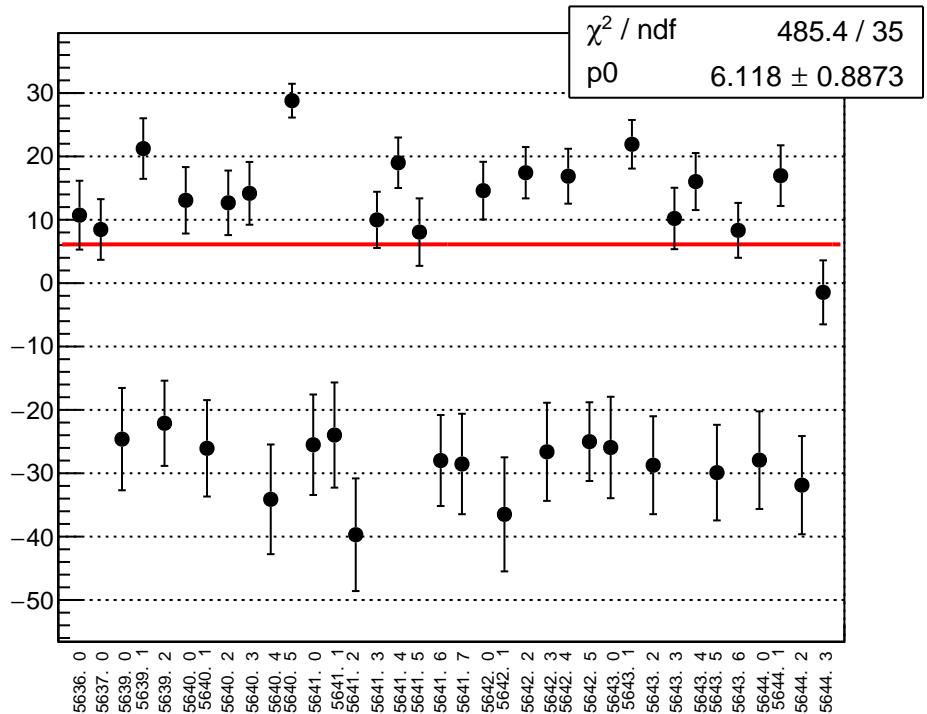
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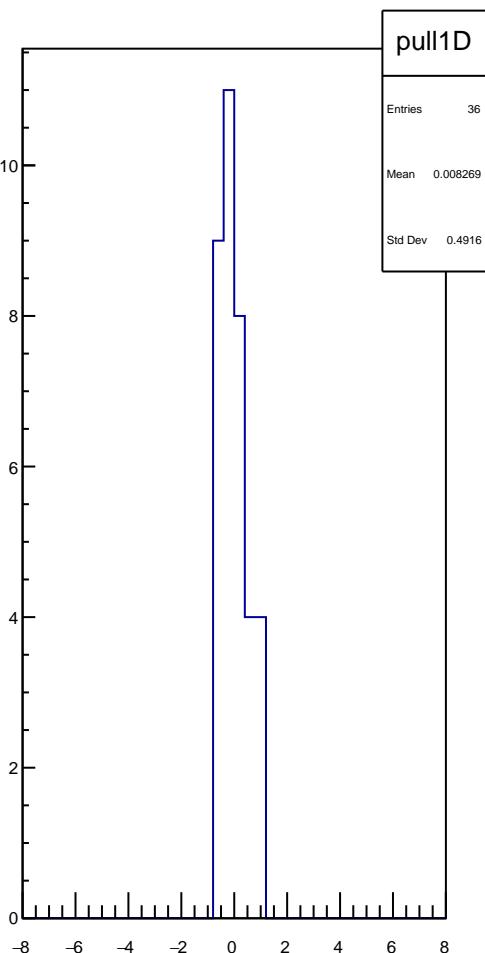
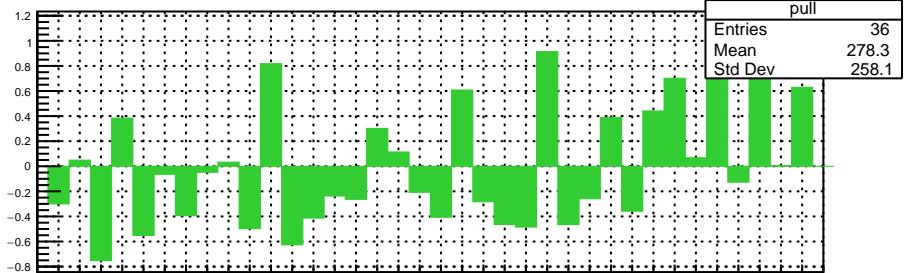
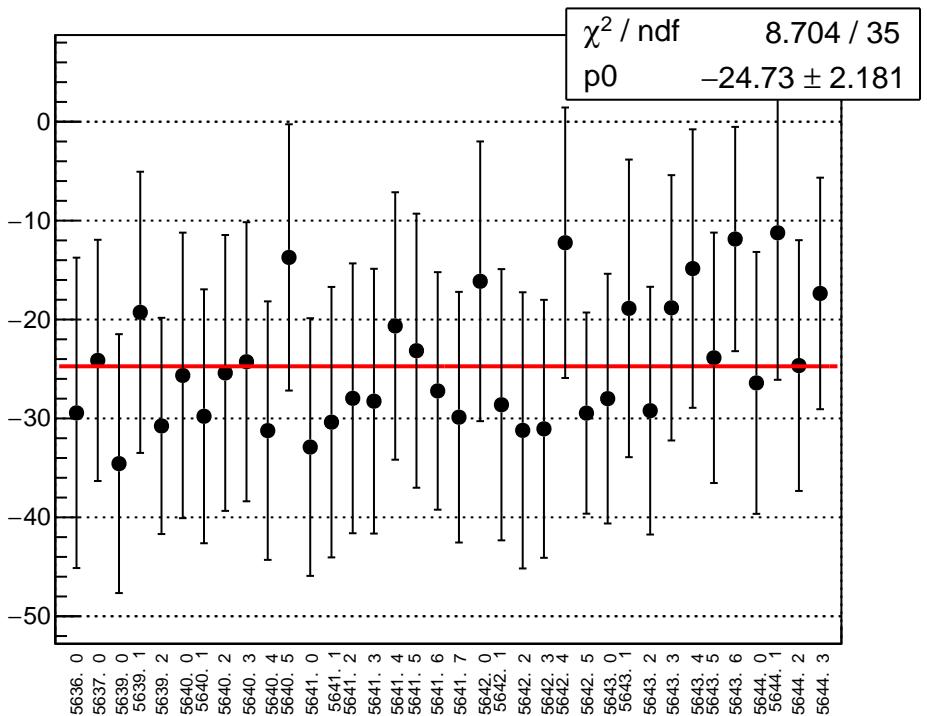
# reg\_asym\_sam\_26\_48\_dd\_diff\_bpm4aX\_slope vs run



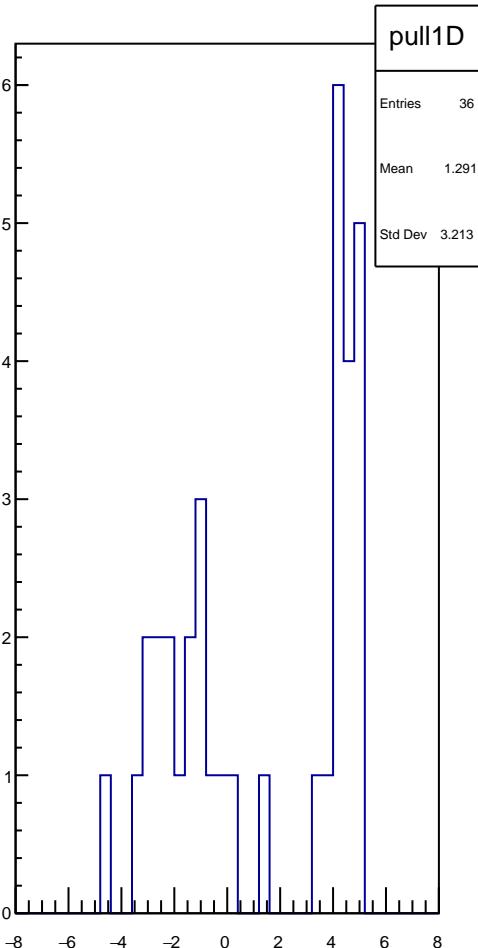
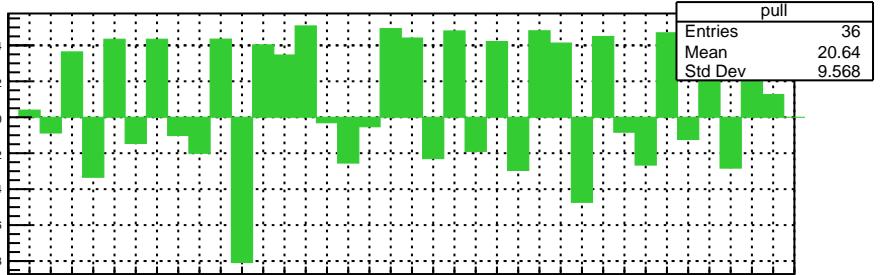
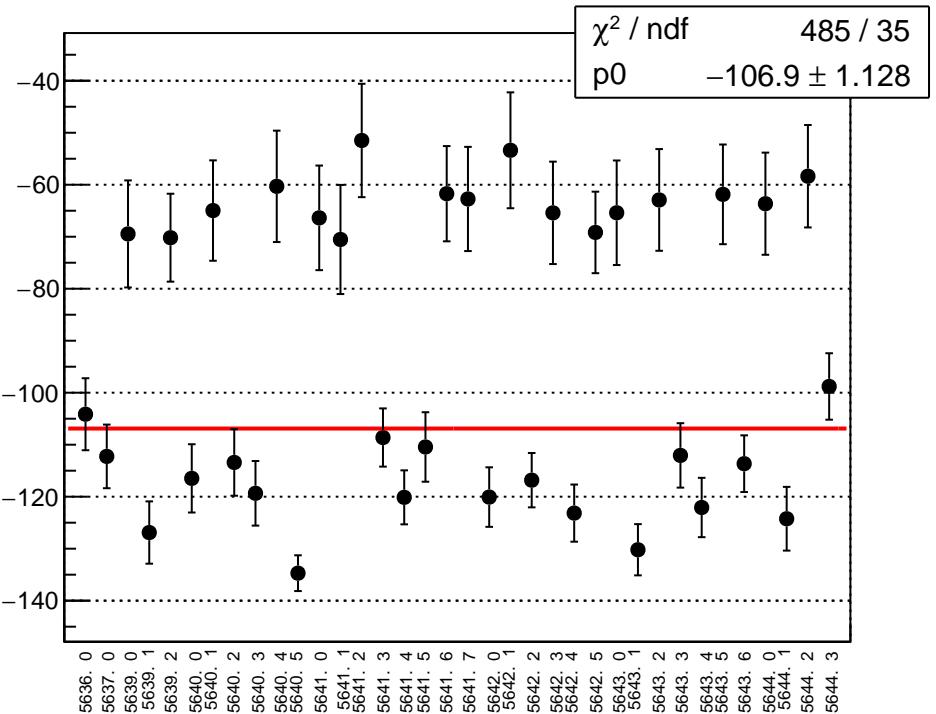
# reg\_asym\_sam\_26\_48\_dd\_diff\_bpm4aY\_slope vs run



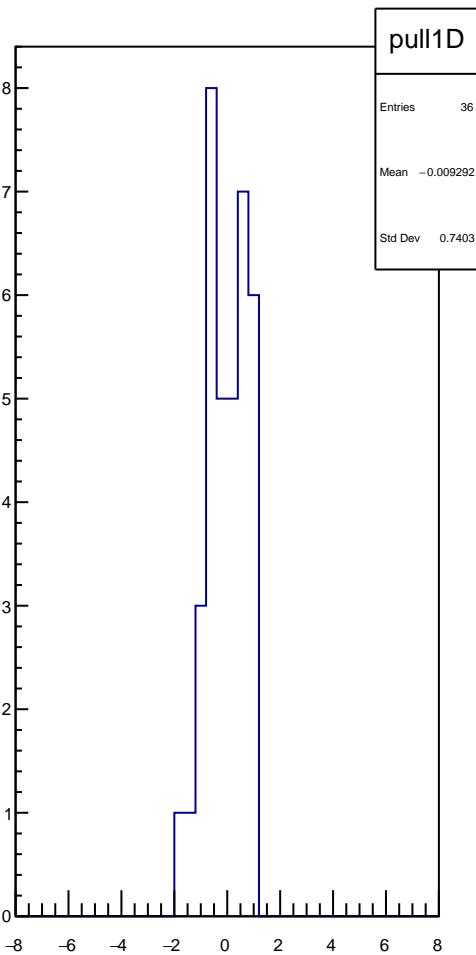
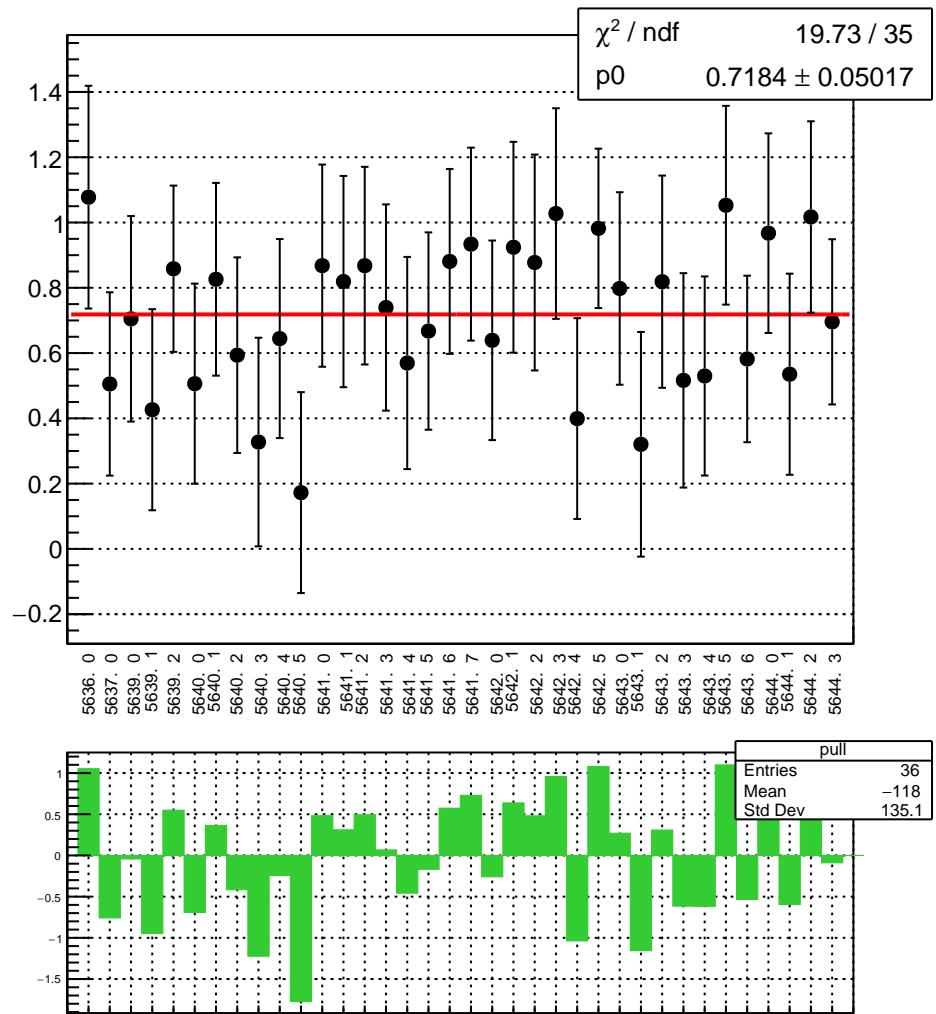
# reg\_asym\_sam\_26\_48\_dd\_diff\_bpm4eX\_slope vs run



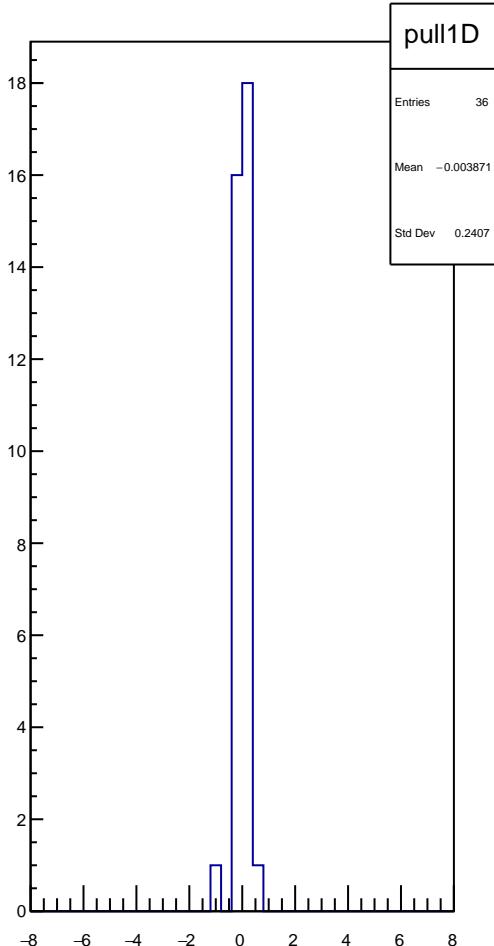
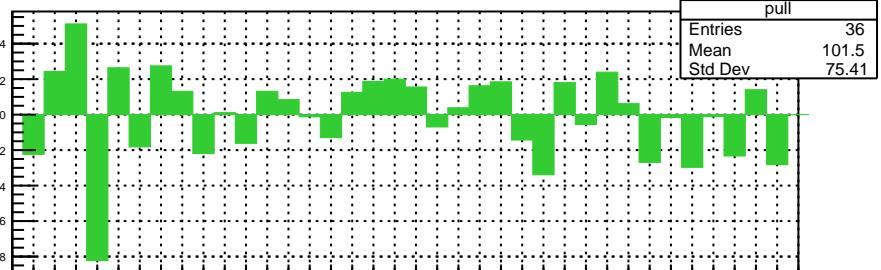
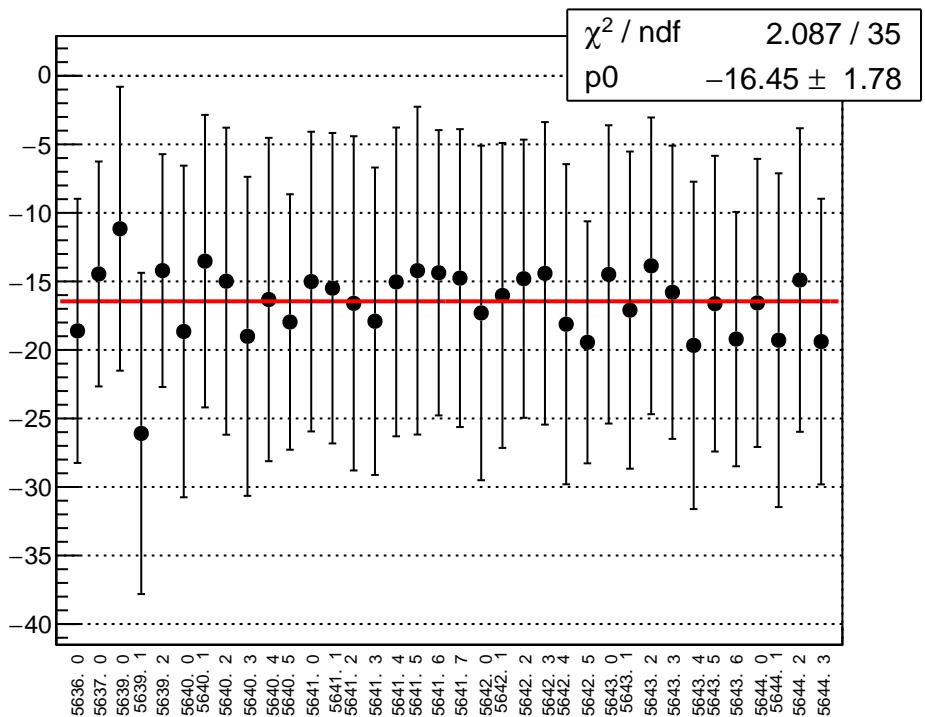
# reg\_asym\_sam\_26\_48\_dd\_diff\_bpm4eY\_slope vs run



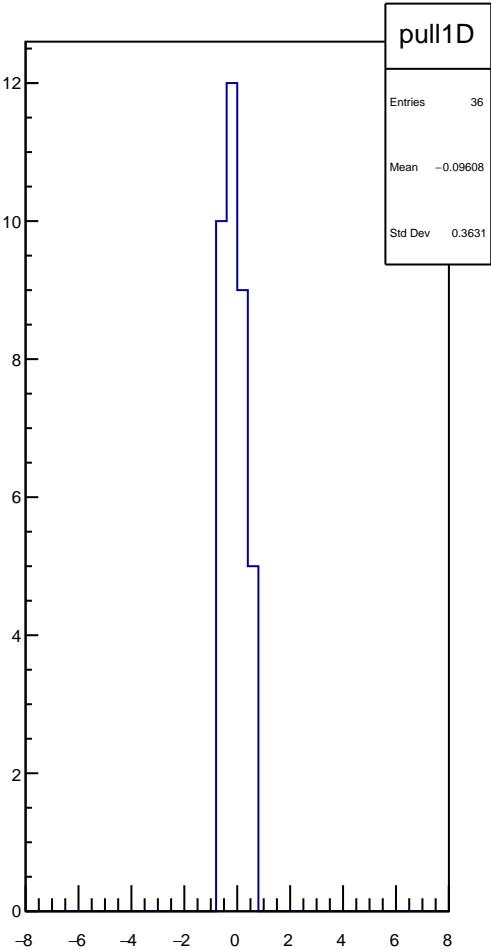
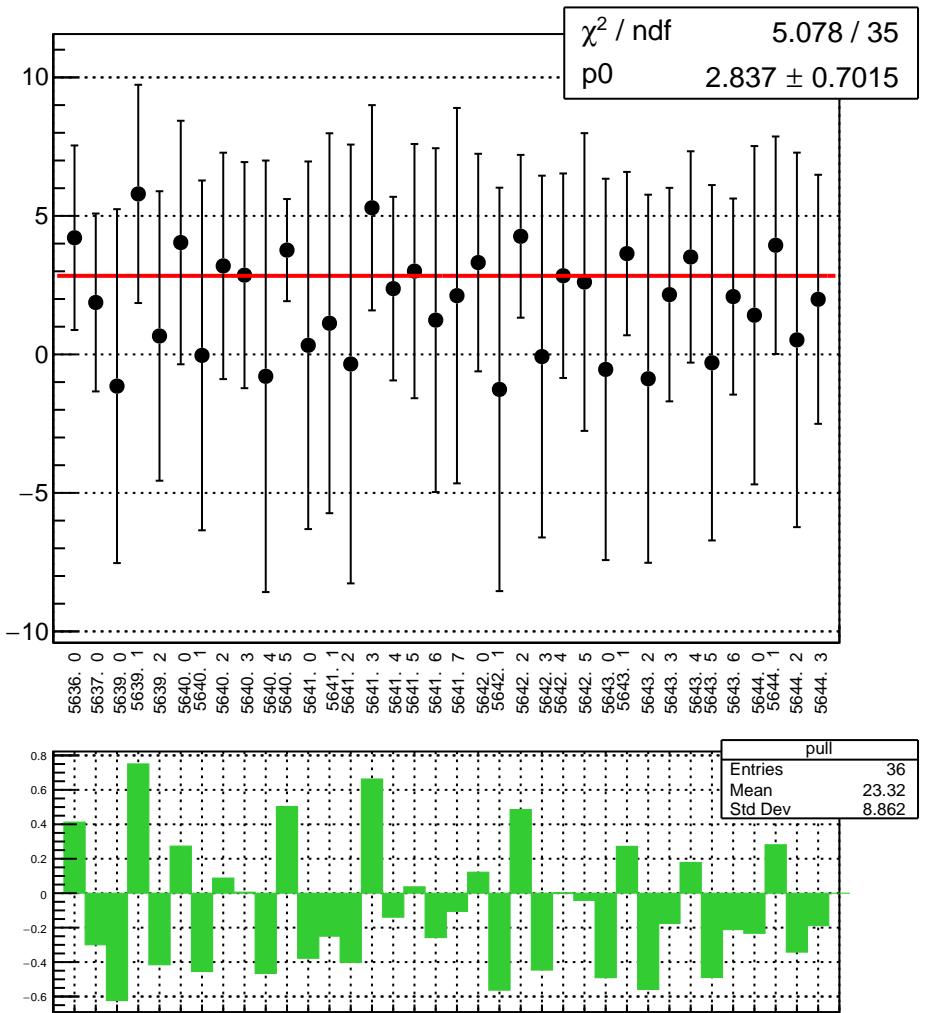
# reg\_asym\_sam\_26\_48\_dd\_diff\_bpm12X\_slope vs run



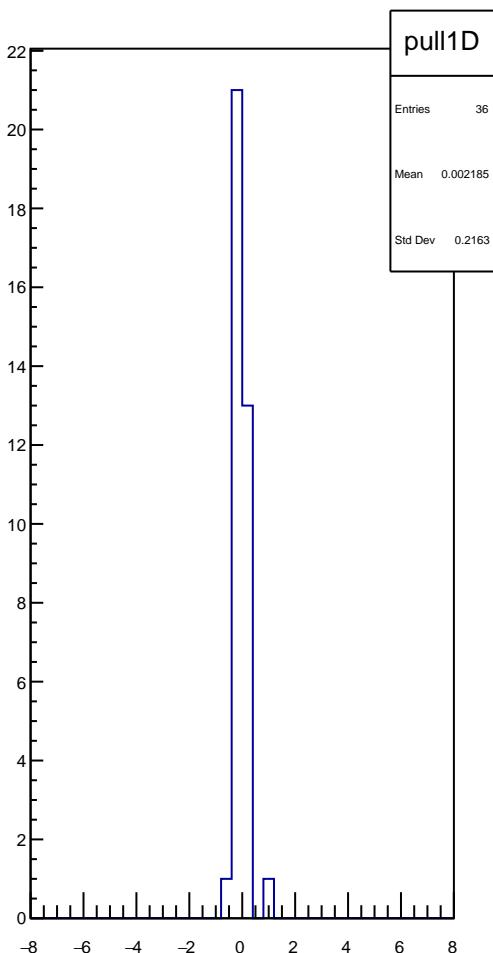
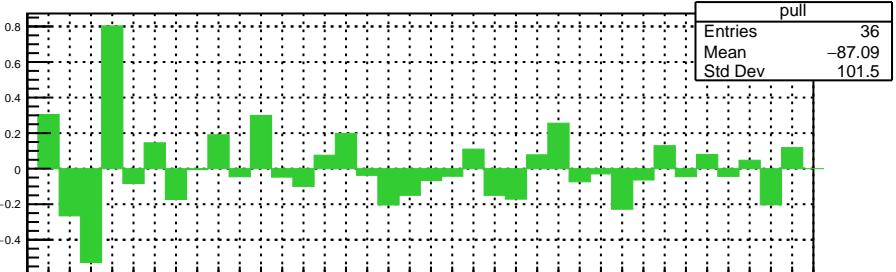
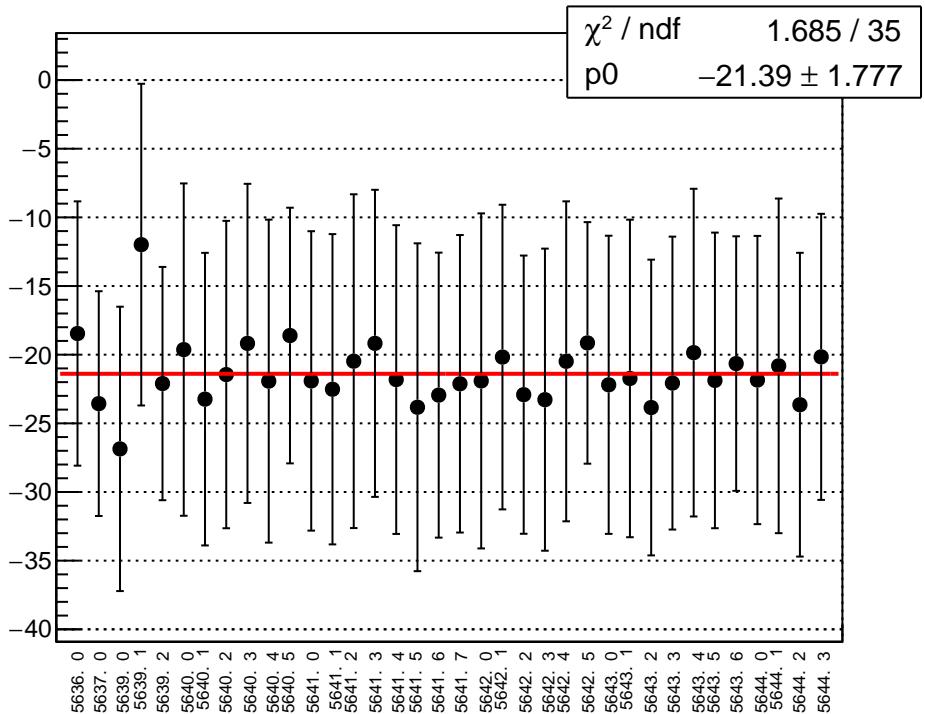
# reg\_asym\_sam\_1357\_avg\_diff\_bpm4aX\_slope vs run



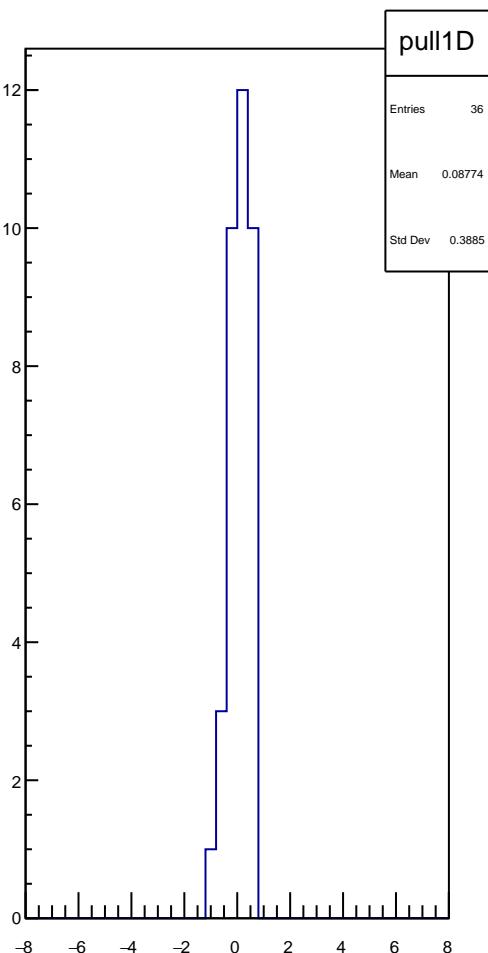
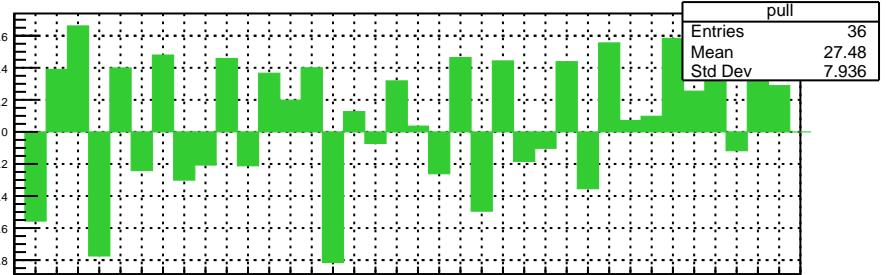
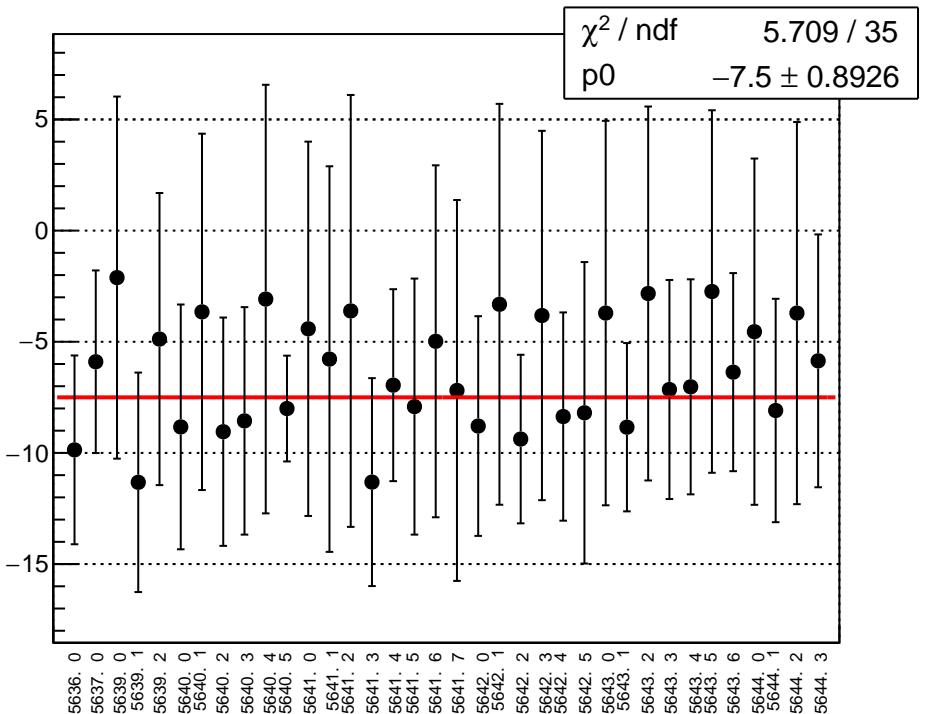
# reg\_asym\_sam\_1357\_avg\_diff\_bpm4aY\_slope vs run



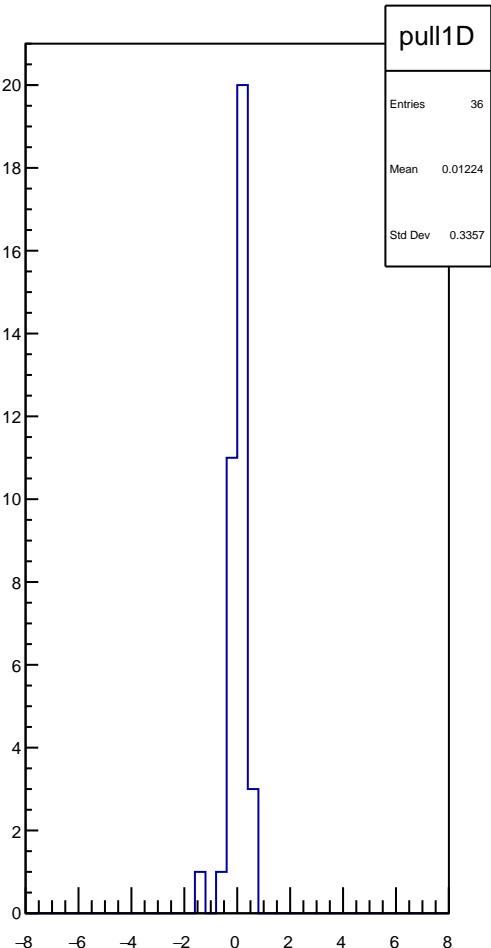
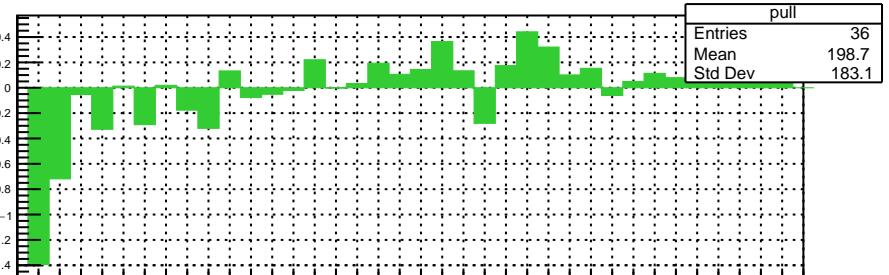
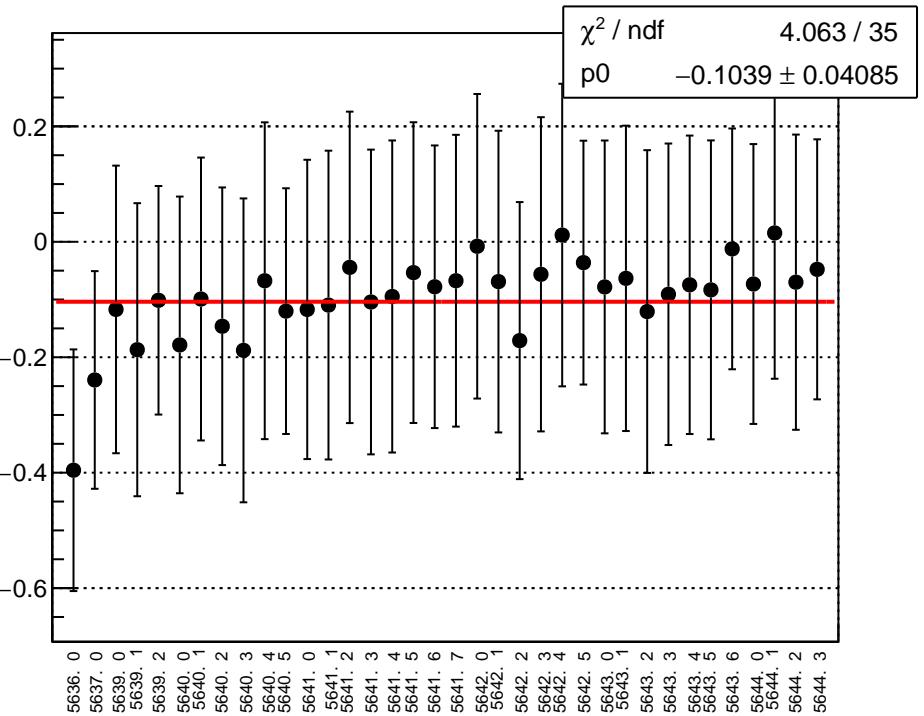
# reg\_asym\_sam\_1357\_avg\_diff\_bpm4eX\_slope vs run



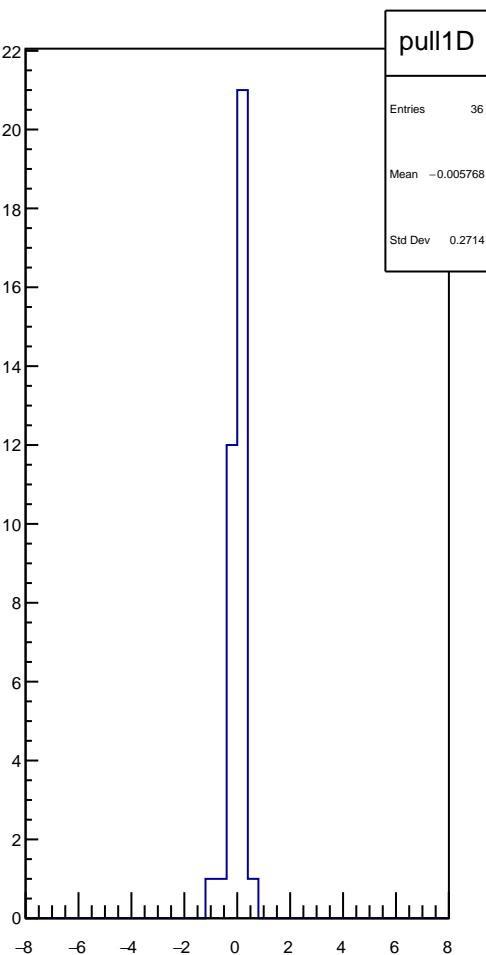
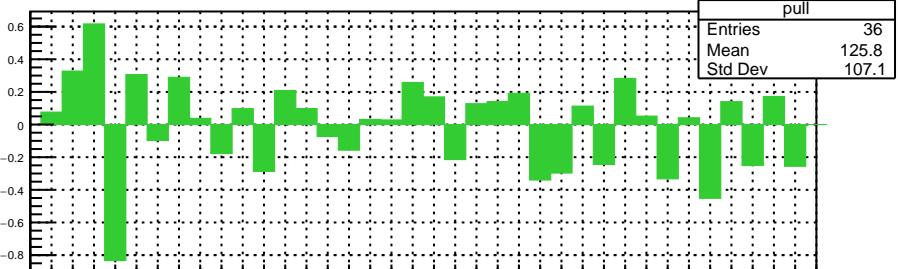
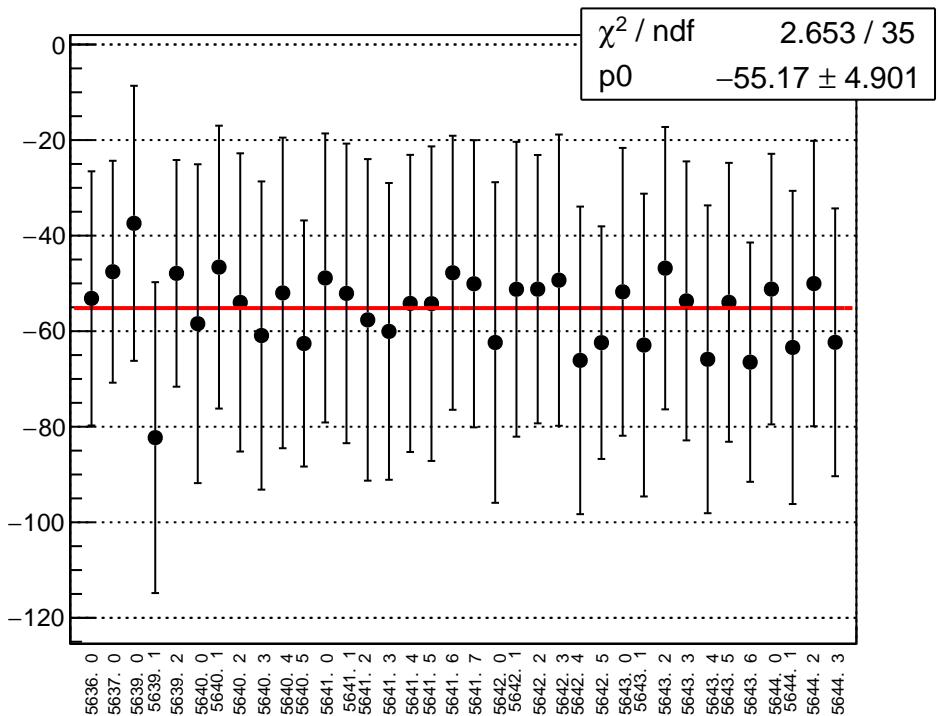
# reg\_asym\_sam\_1357\_avg\_diff\_bpm4eY\_slope vs run



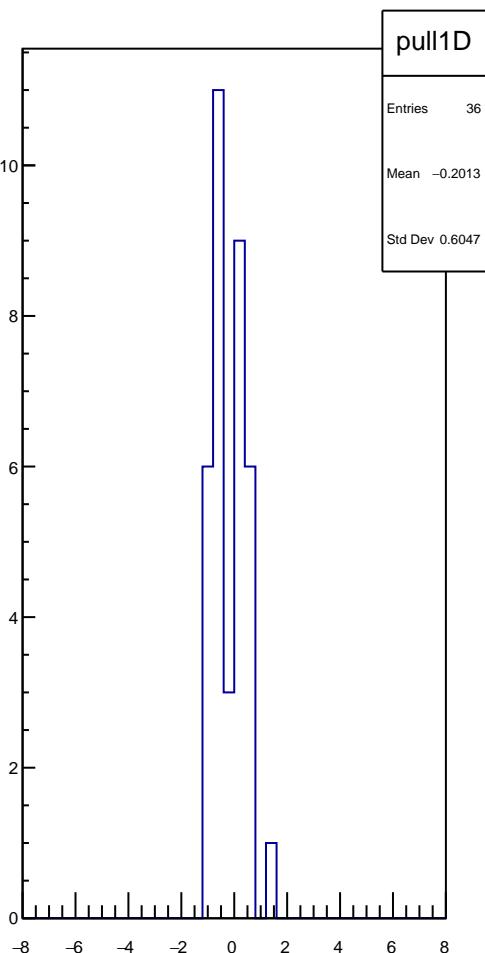
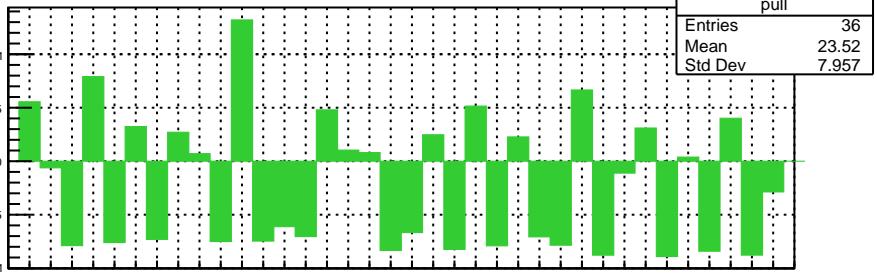
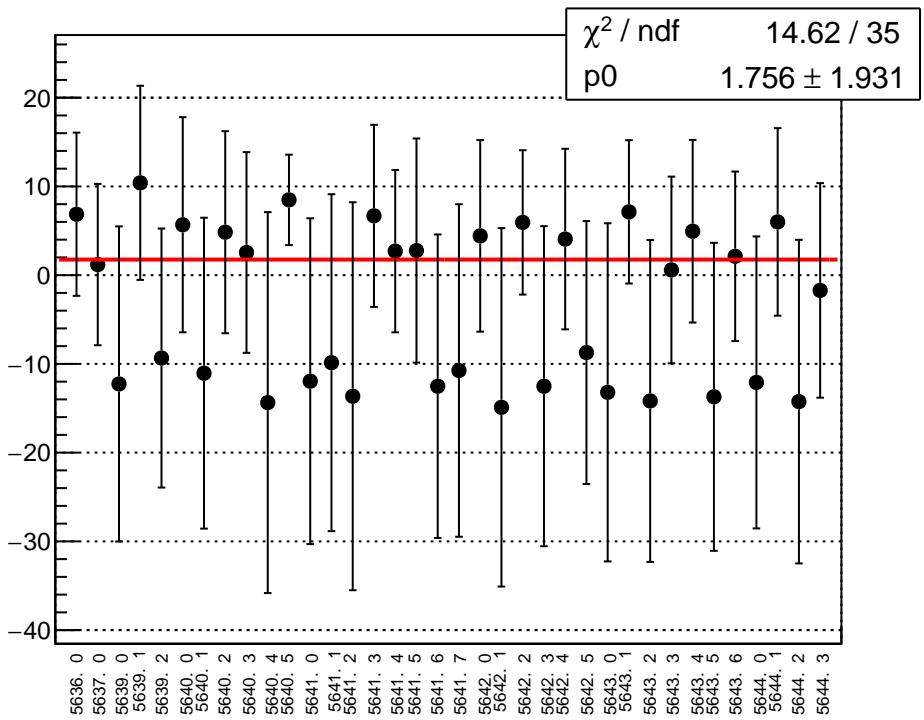
# reg\_asym\_sam\_1357\_avg\_diff\_bpm12X\_slope vs run



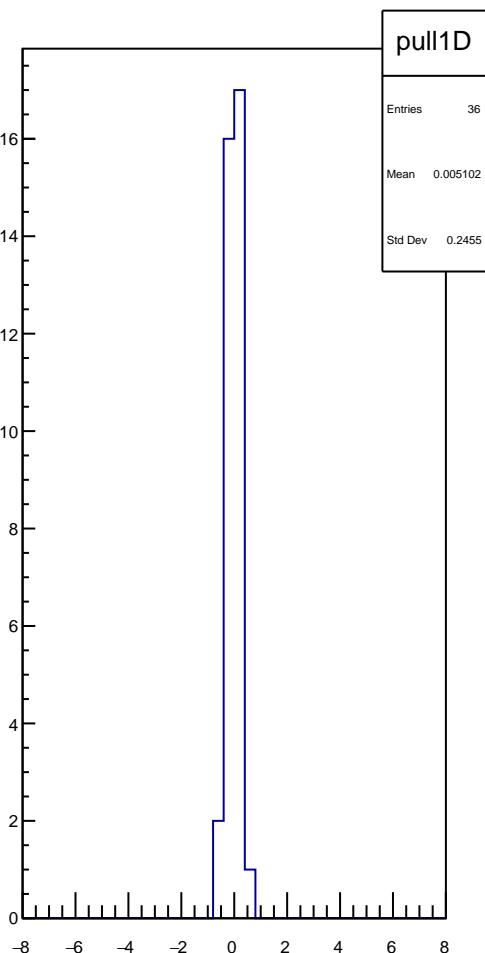
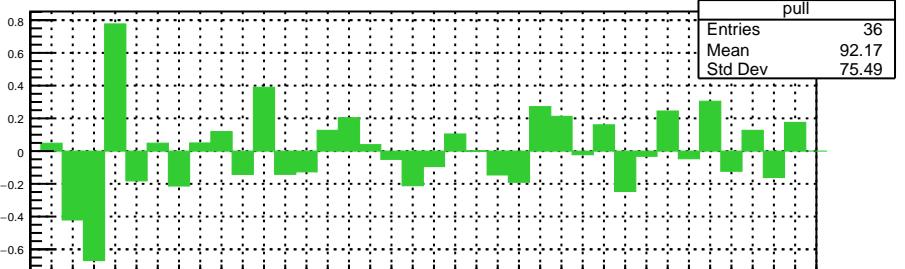
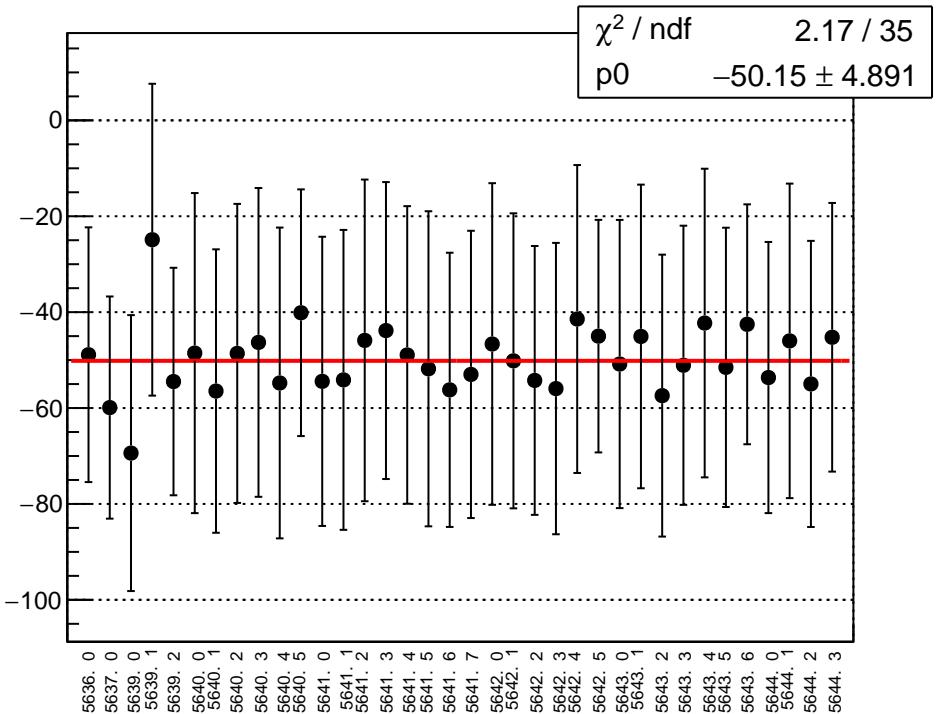
# reg\_asym\_sam\_2468\_avg\_diff\_bpm4aX\_slope vs run



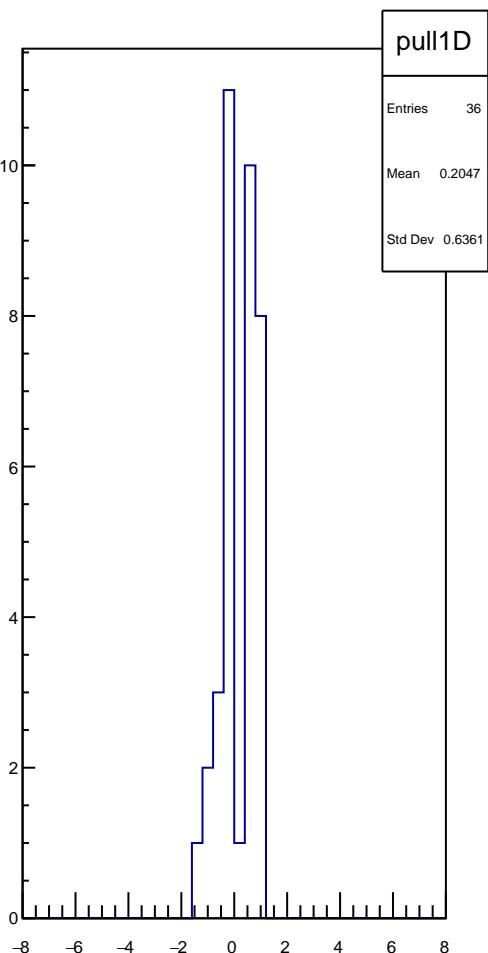
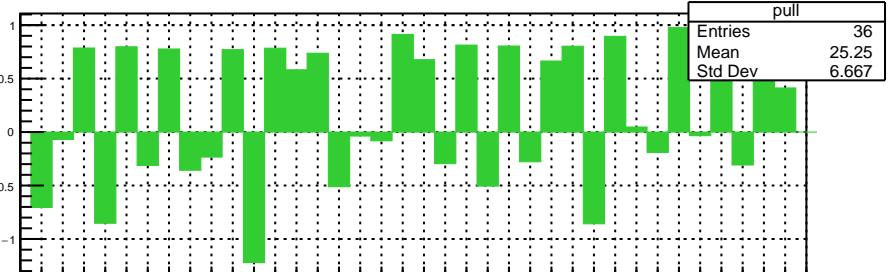
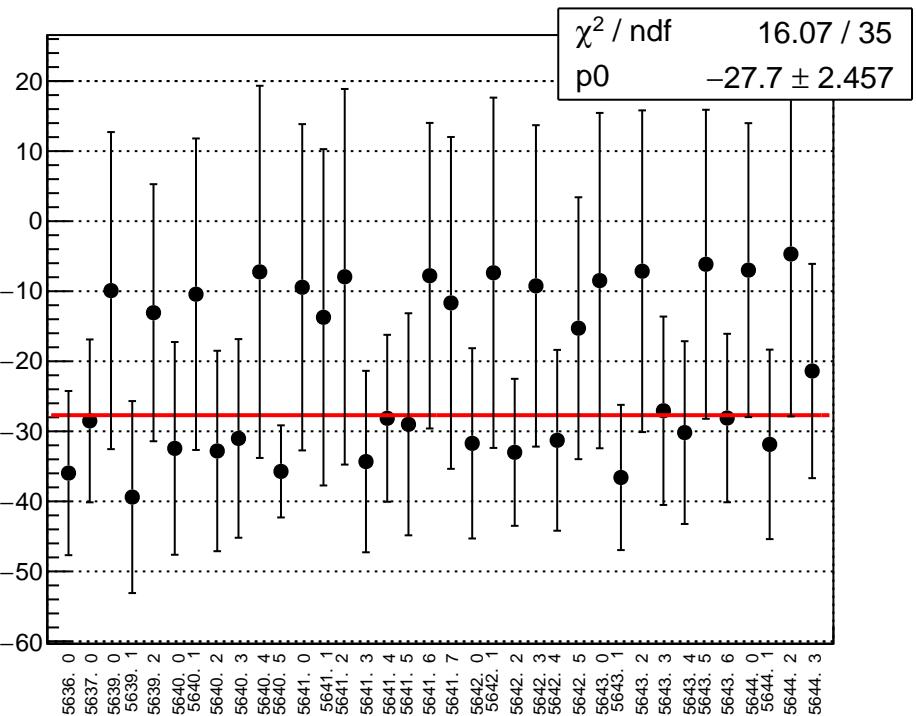
reg\_asym\_sam\_2468\_avg\_diff\_bpm4aY\_slope vs run



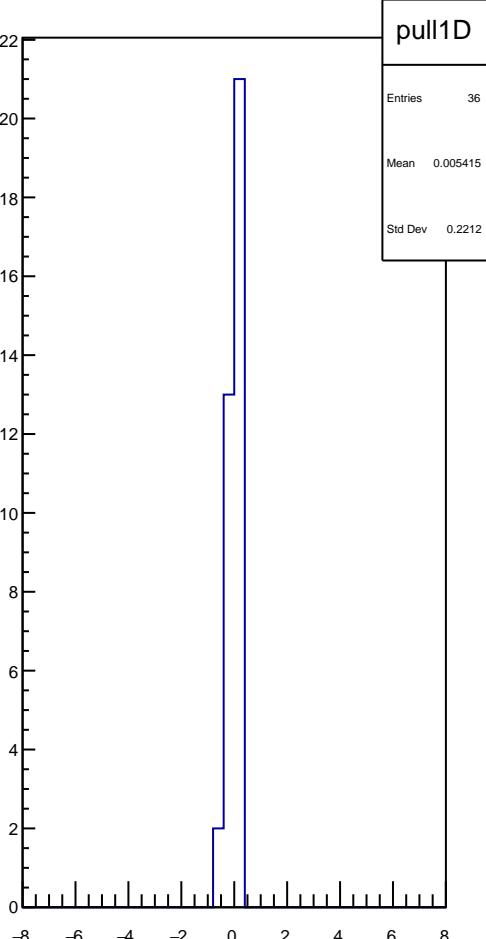
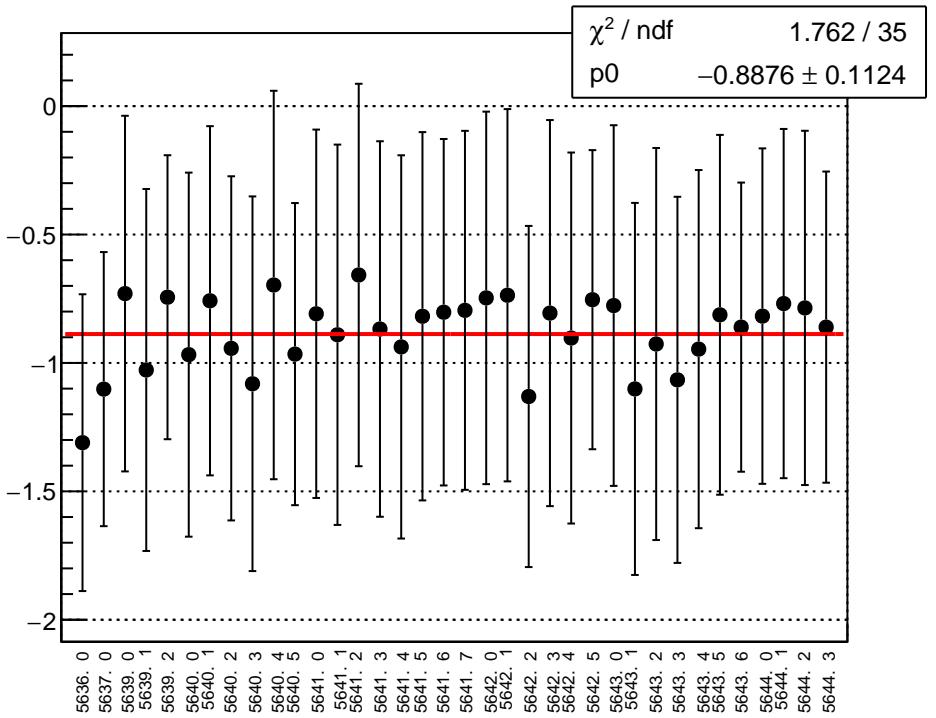
# reg\_asym\_sam\_2468\_avg\_diff\_bpm4eX\_slope vs run



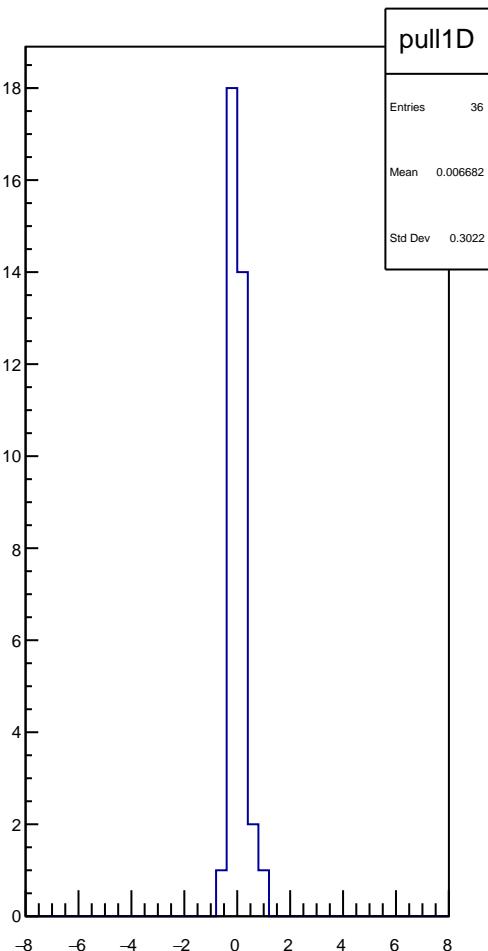
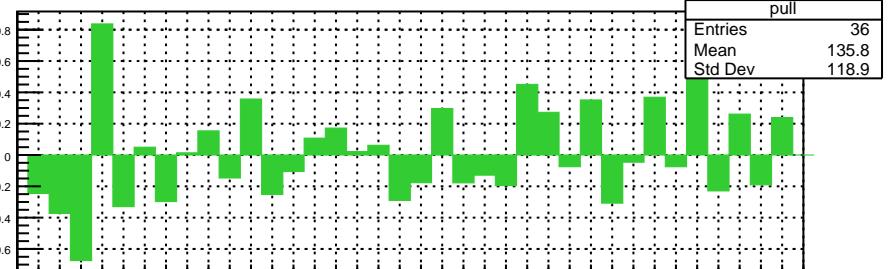
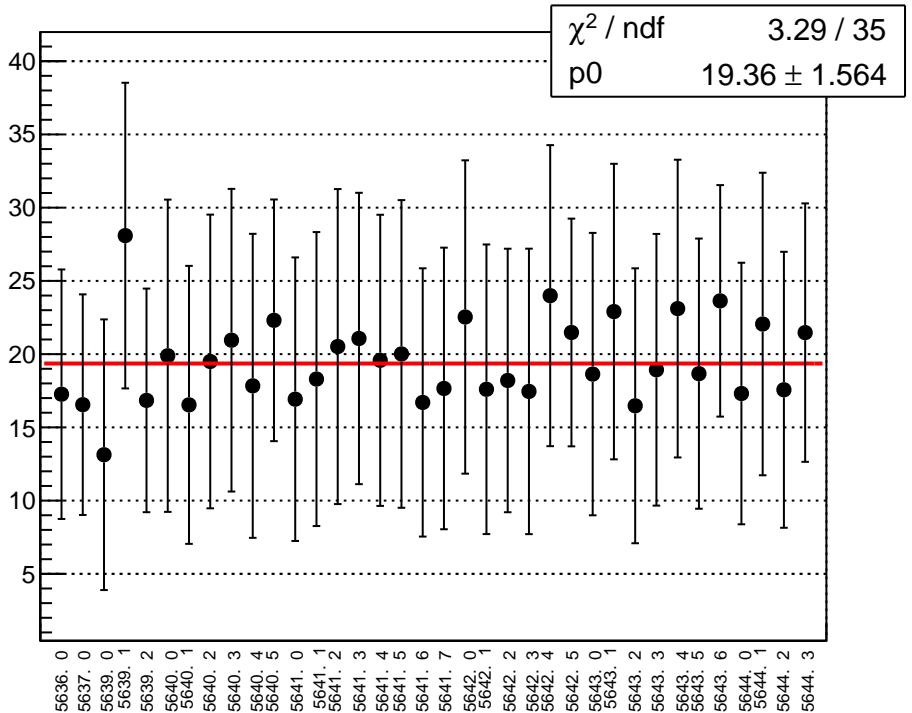
# reg\_asym\_sam\_2468\_avg\_diff\_bpm4eY\_slope vs run



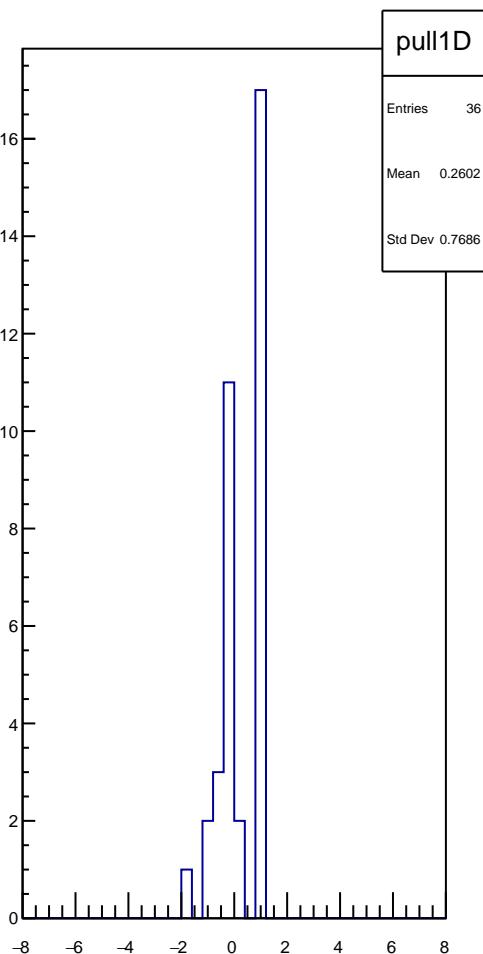
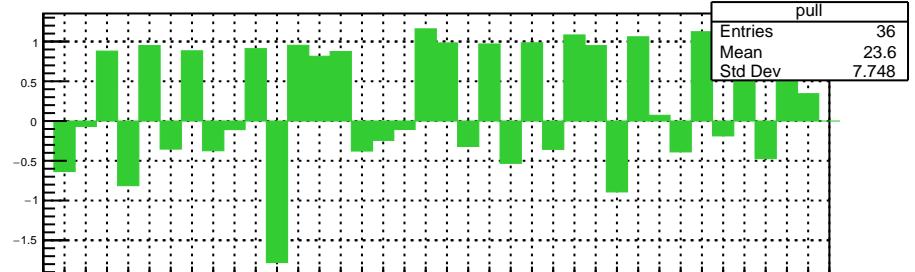
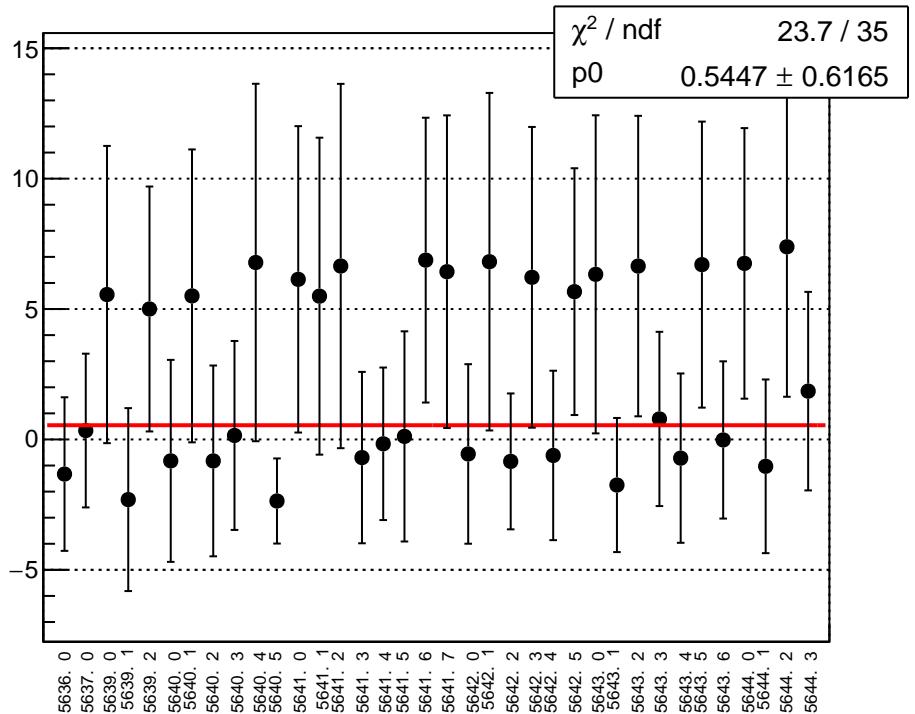
# reg\_asym\_sam\_2468\_avg\_diff\_bpm12X\_slope vs run



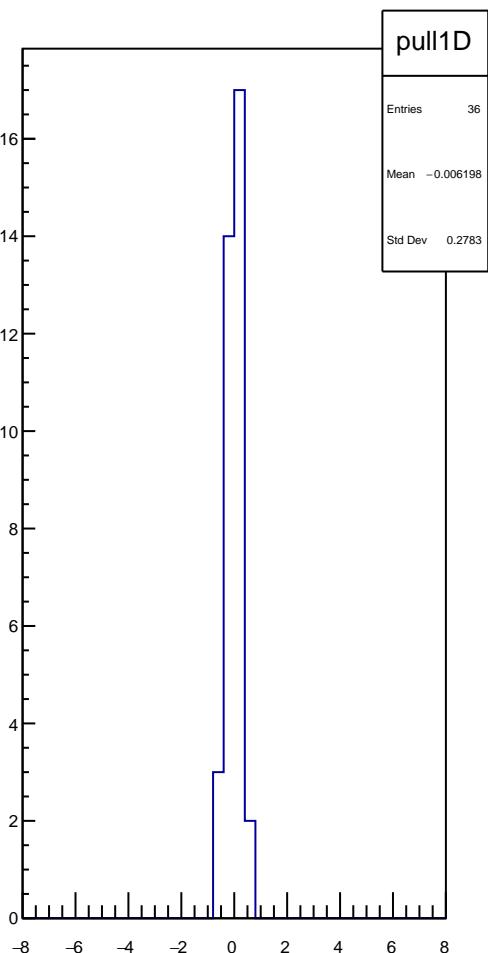
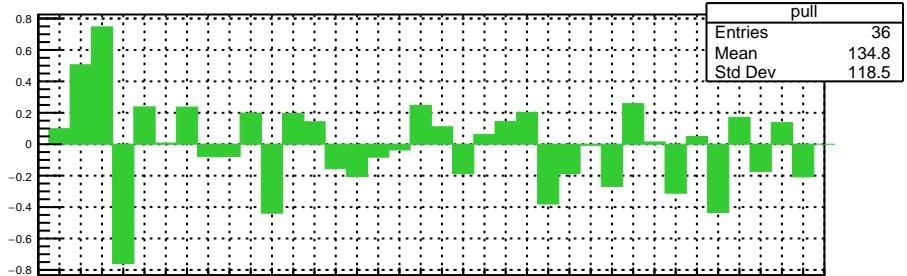
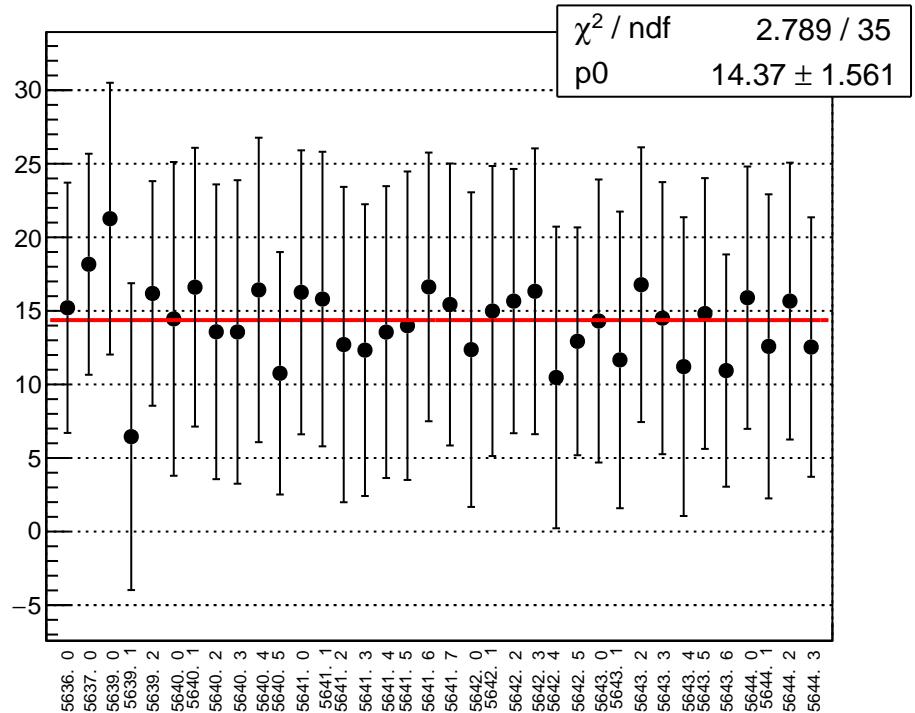
# reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm4aX\_slope vs run



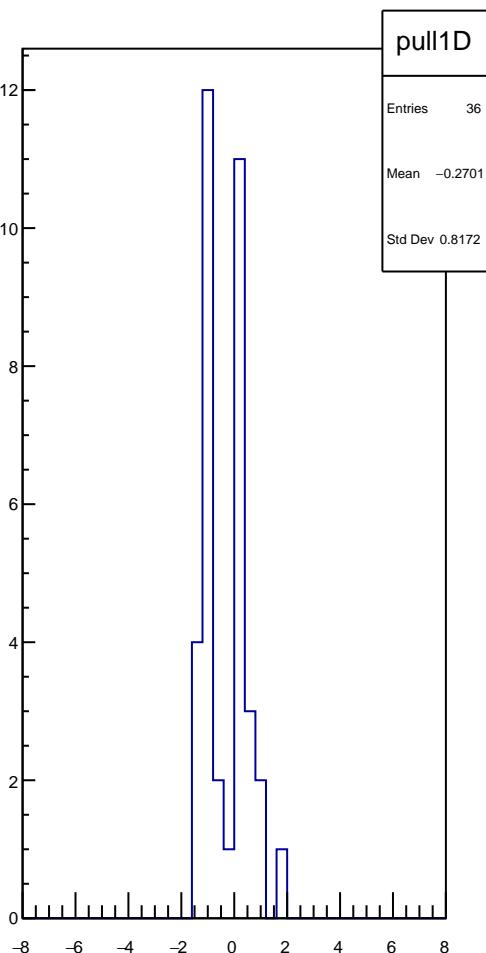
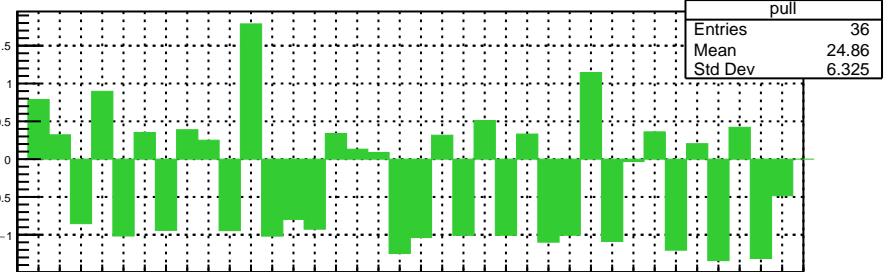
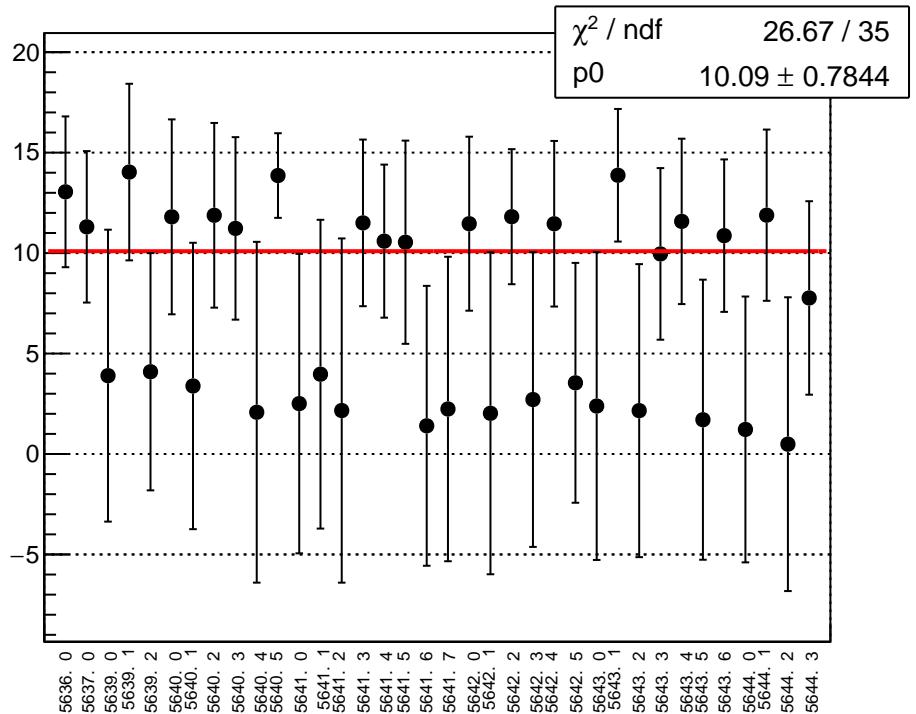
# reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm4aY\_slope vs run



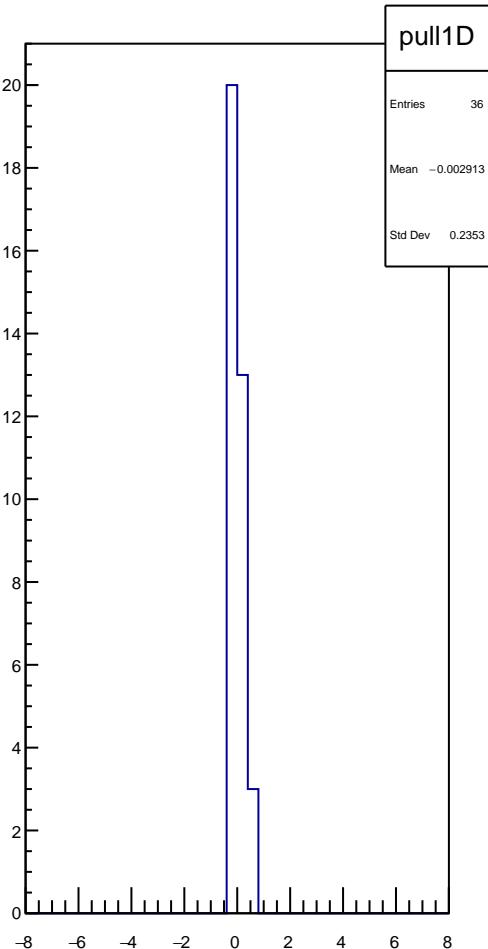
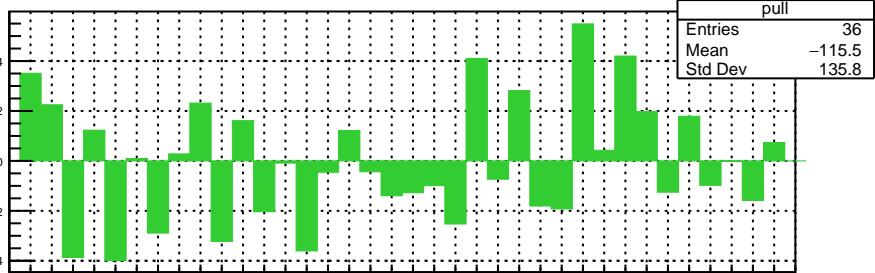
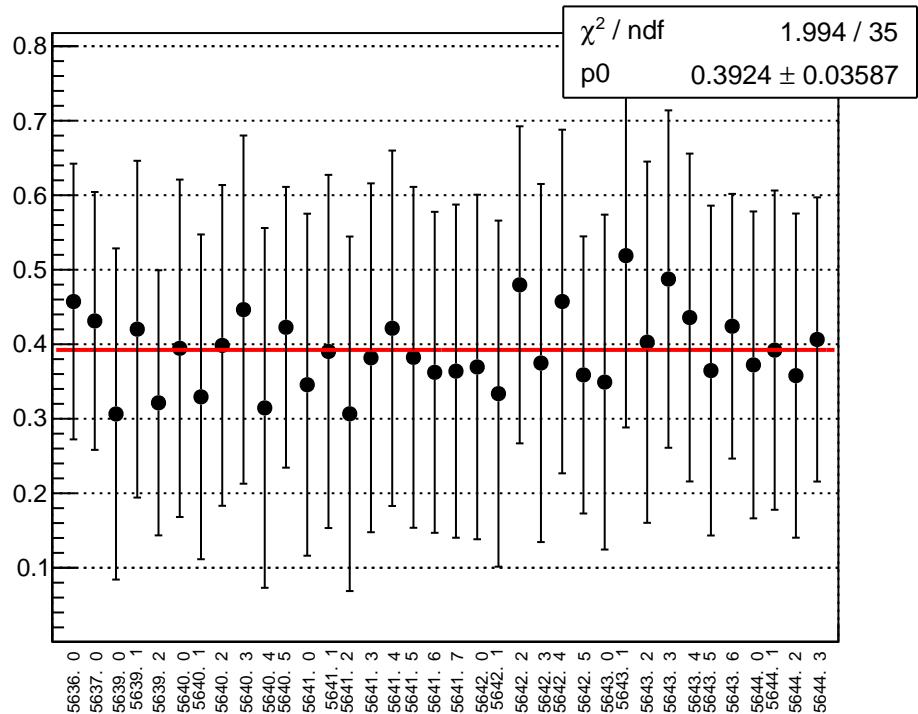
# reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm4eX\_slope vs run



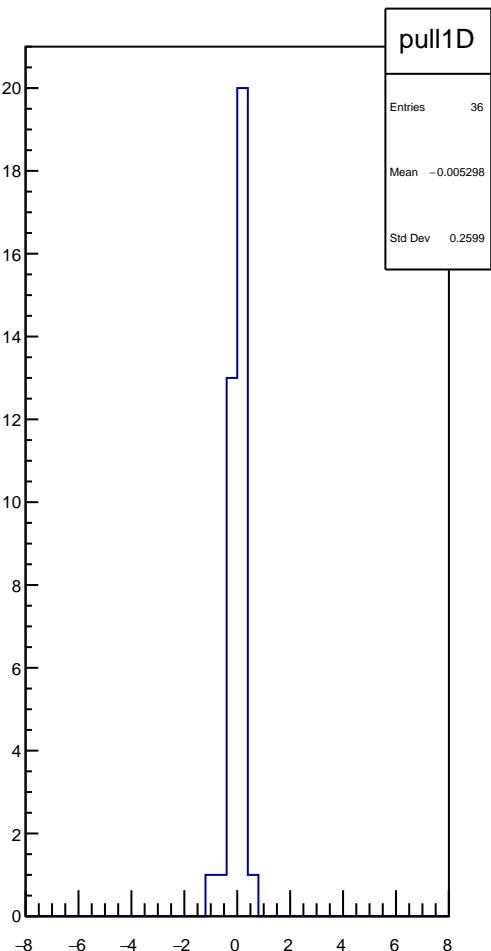
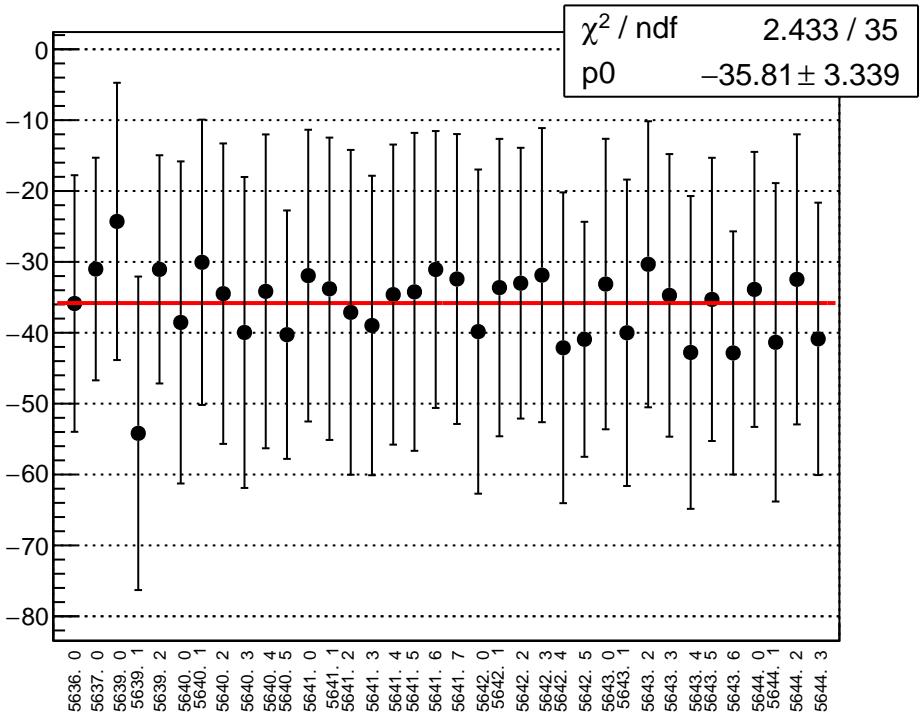
# reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm4eY\_slope vs run



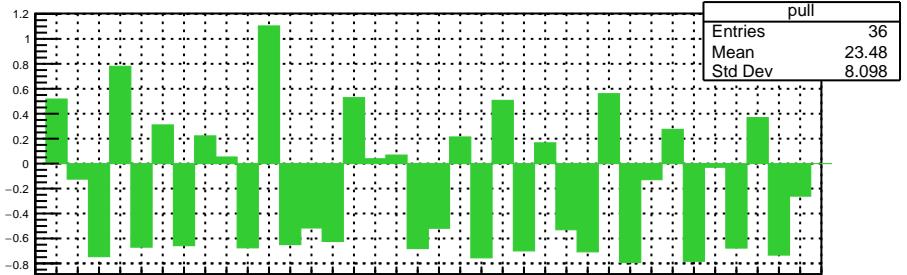
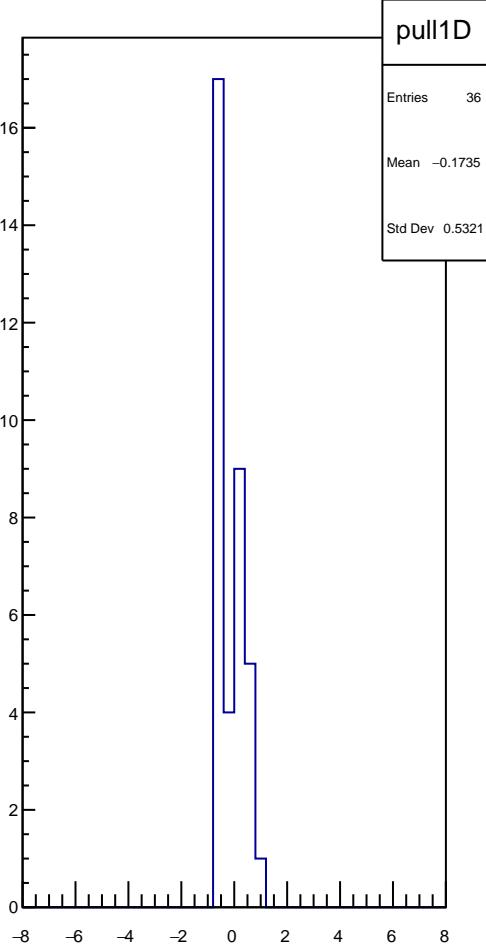
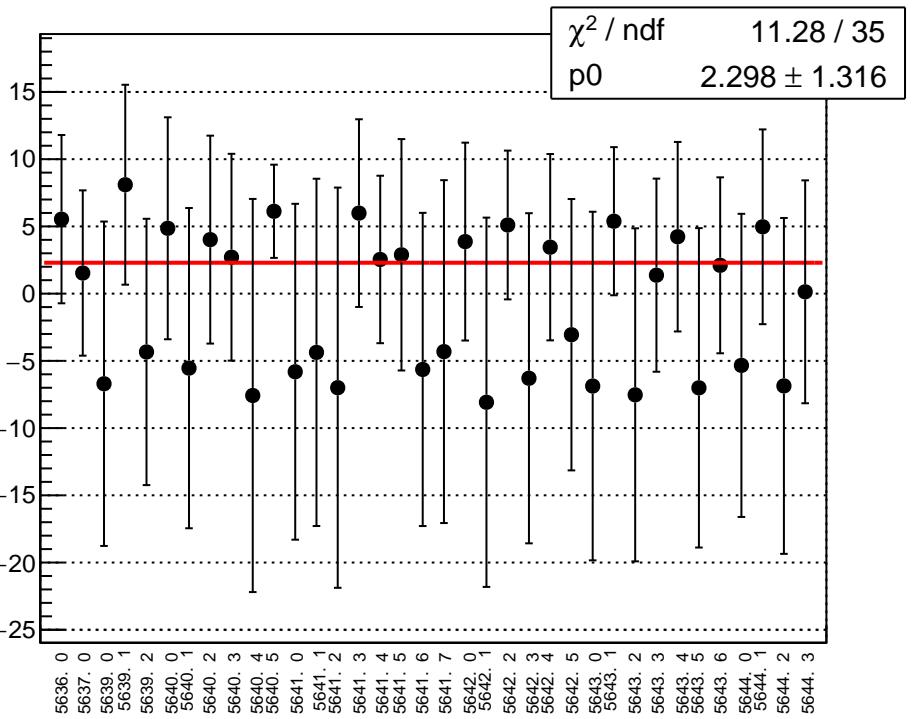
# reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm12X\_slope vs run



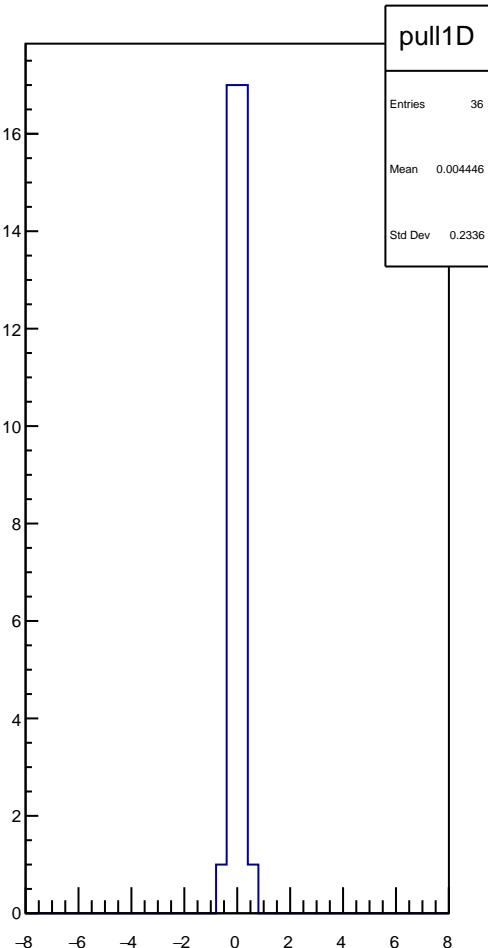
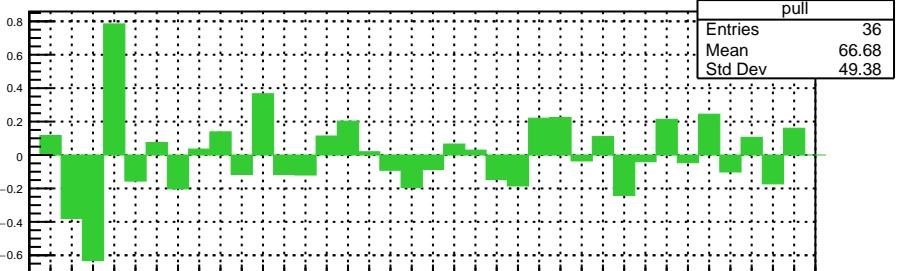
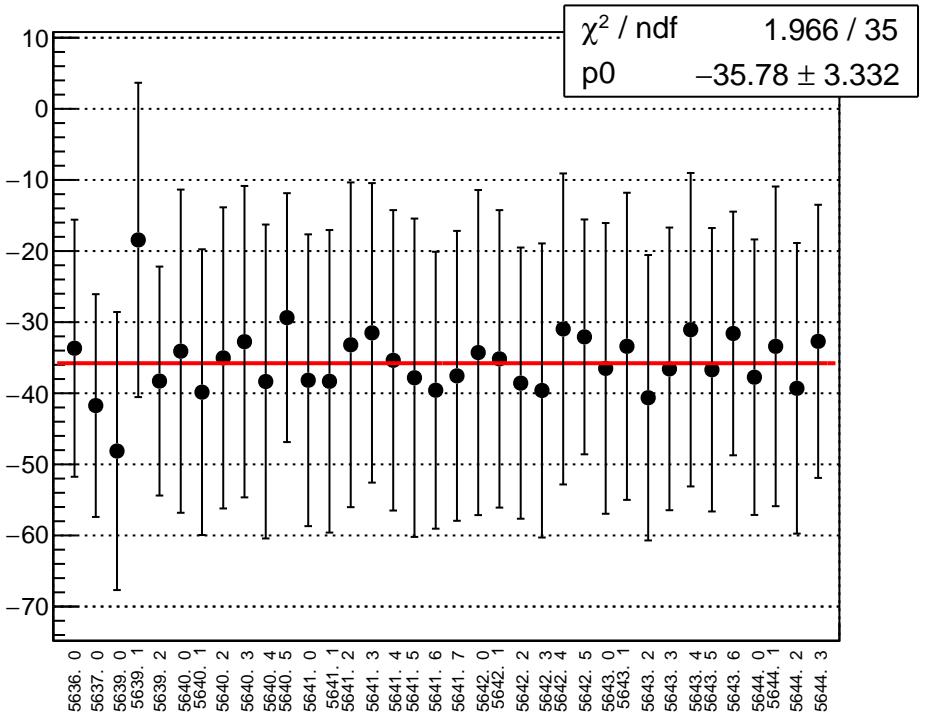
reg\_asym\_sam\_12345678\_avg\_diff\_bpm4aX\_slope vs run



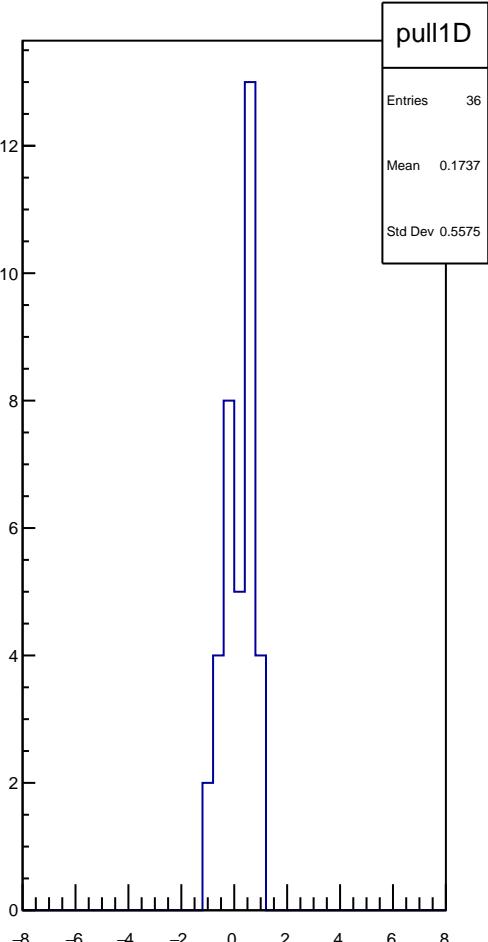
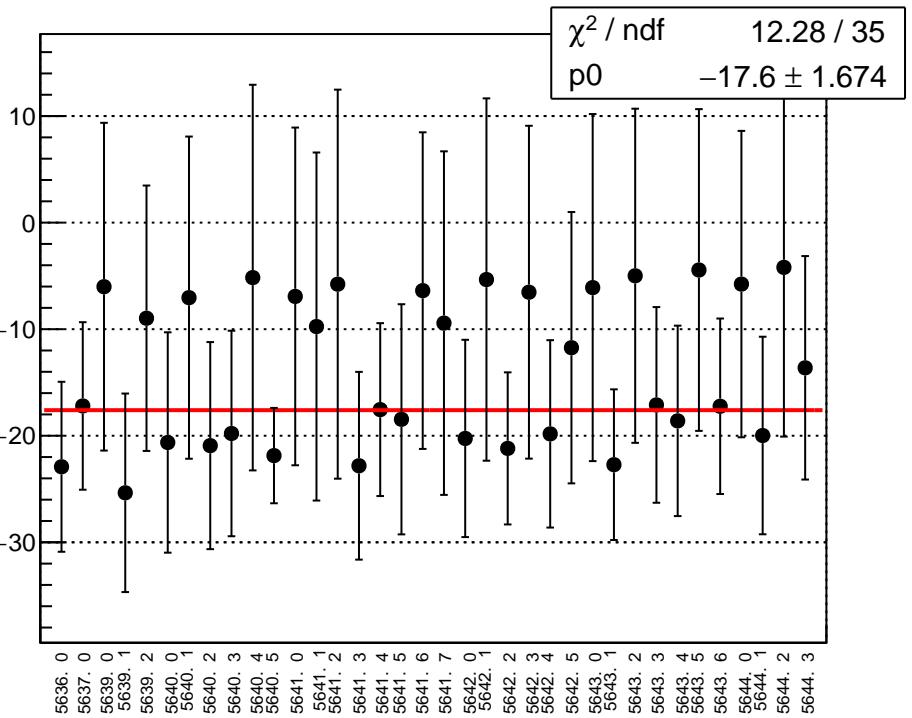
reg\_asym\_sam\_12345678\_avg\_diff\_bpm4aY\_slope vs run



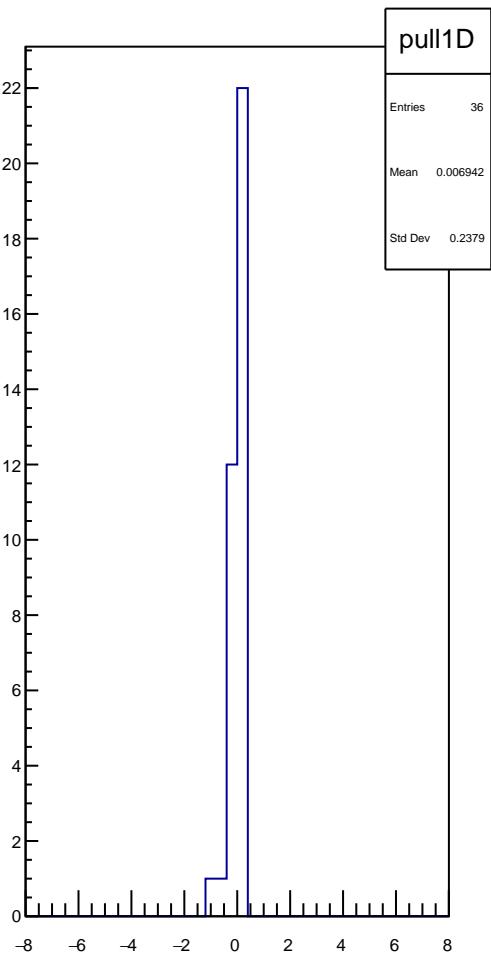
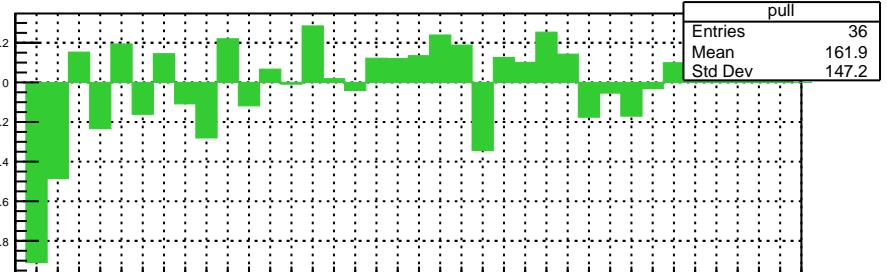
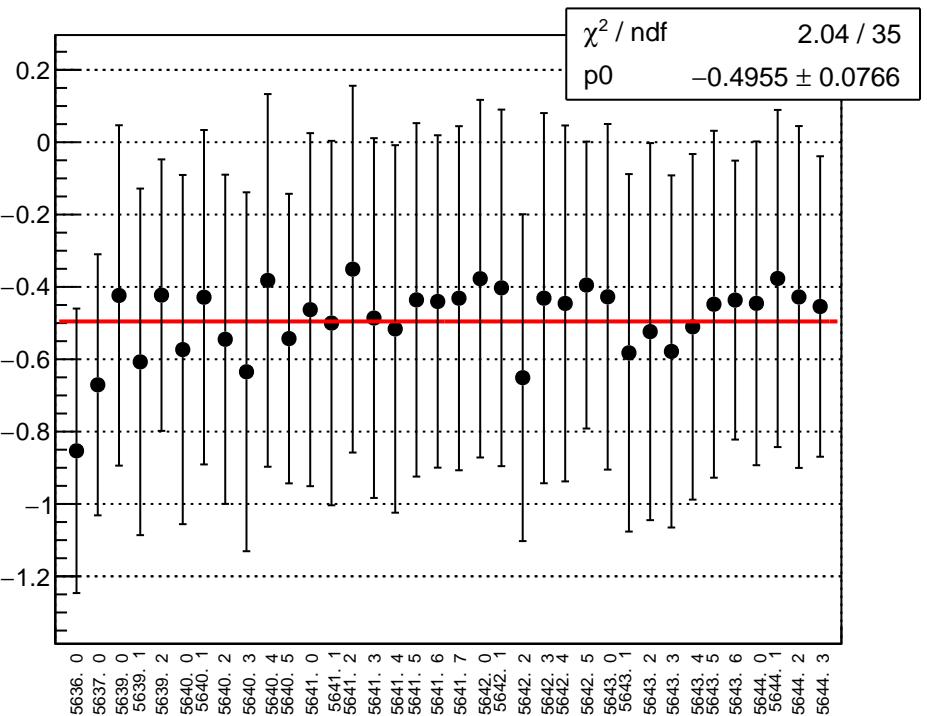
reg\_asym\_sam\_12345678\_avg\_diff\_bpm4eX\_slope vs run



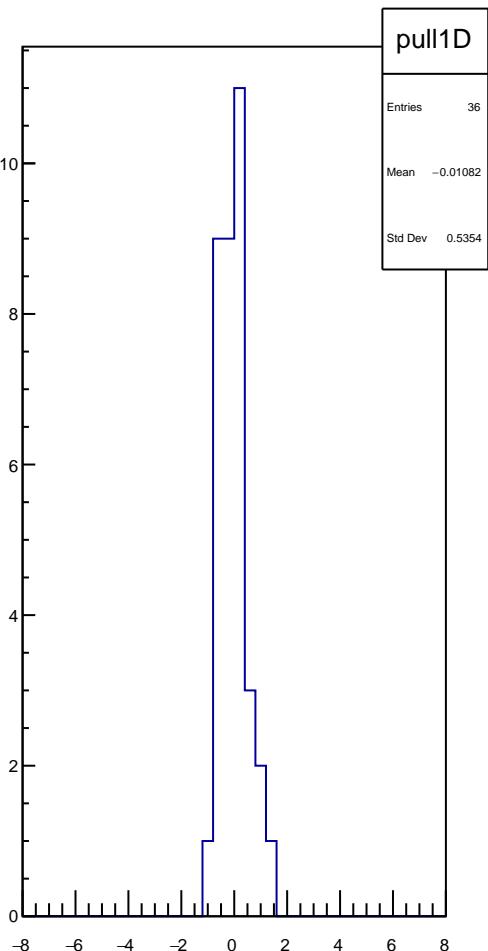
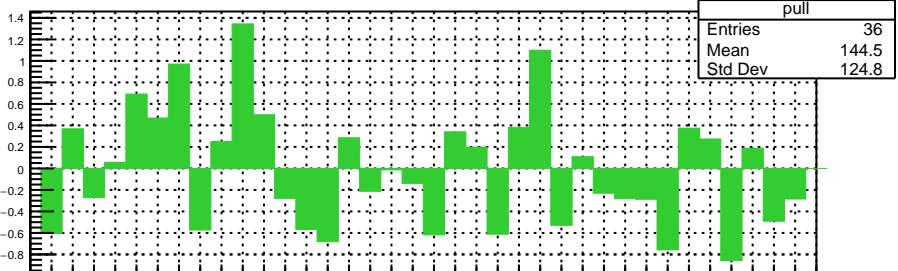
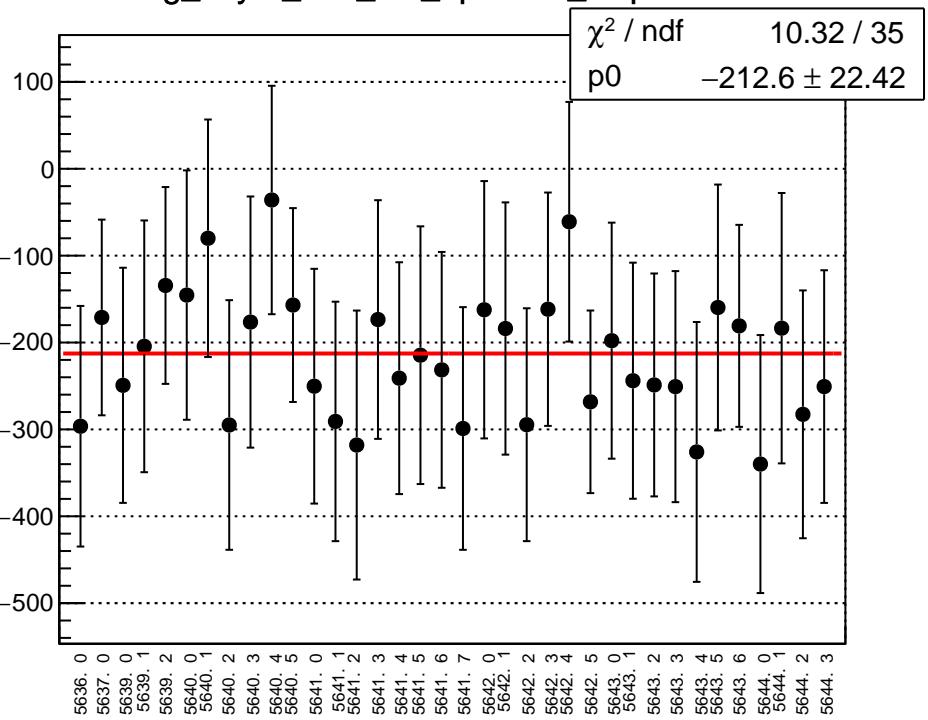
# reg\_asym\_sam\_12345678\_avg\_diff\_bpm4eY\_slope vs run



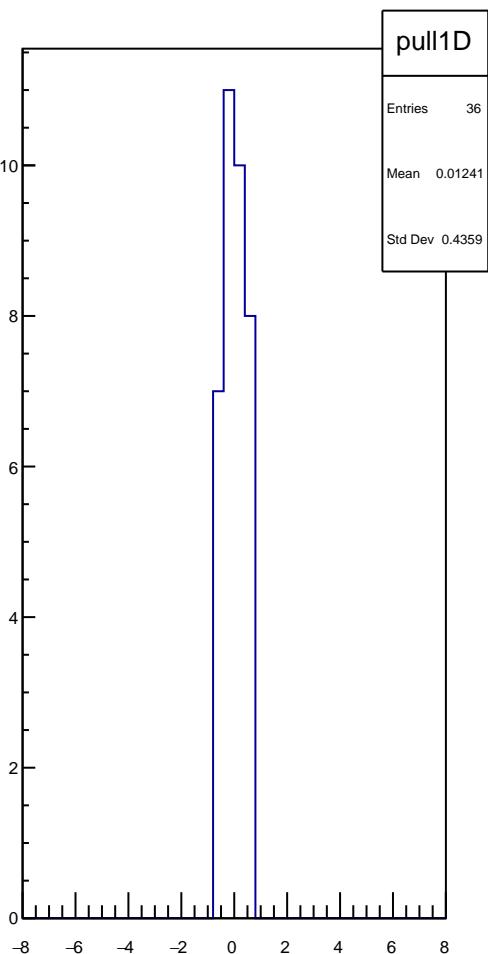
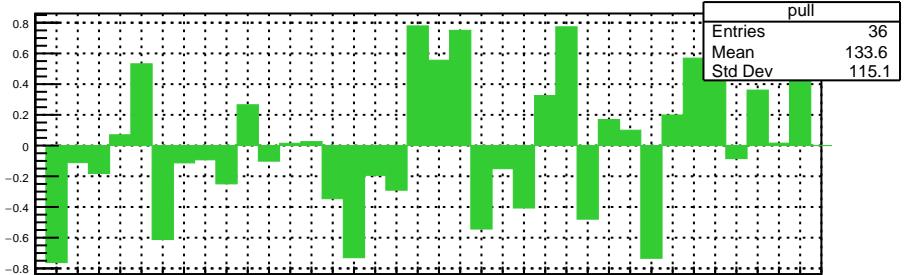
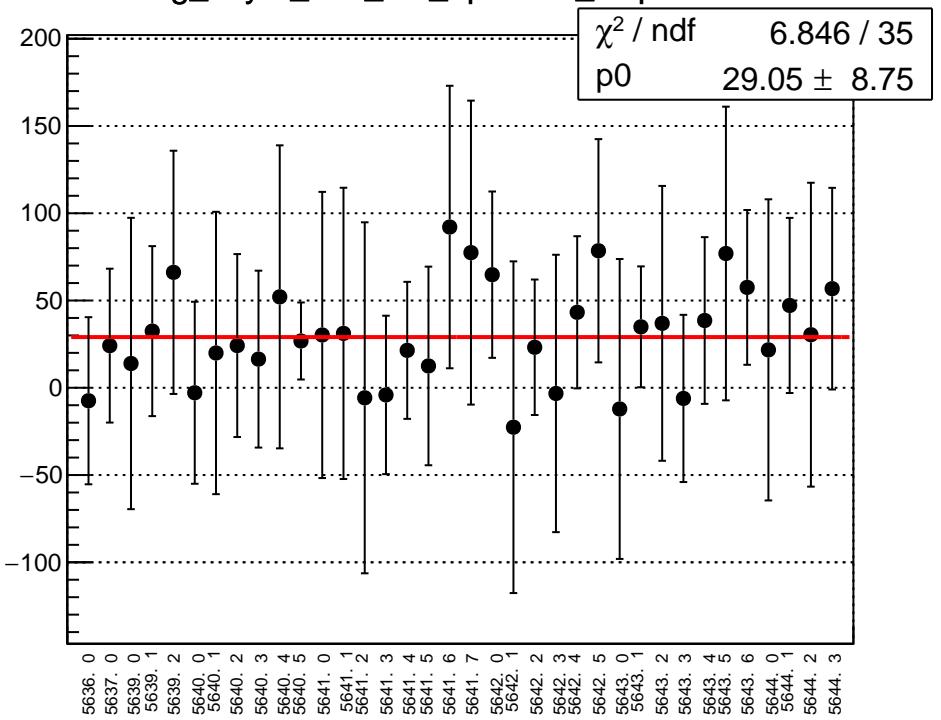
reg\_asym\_sam\_12345678\_avg\_diff\_bpm12X\_slope vs run



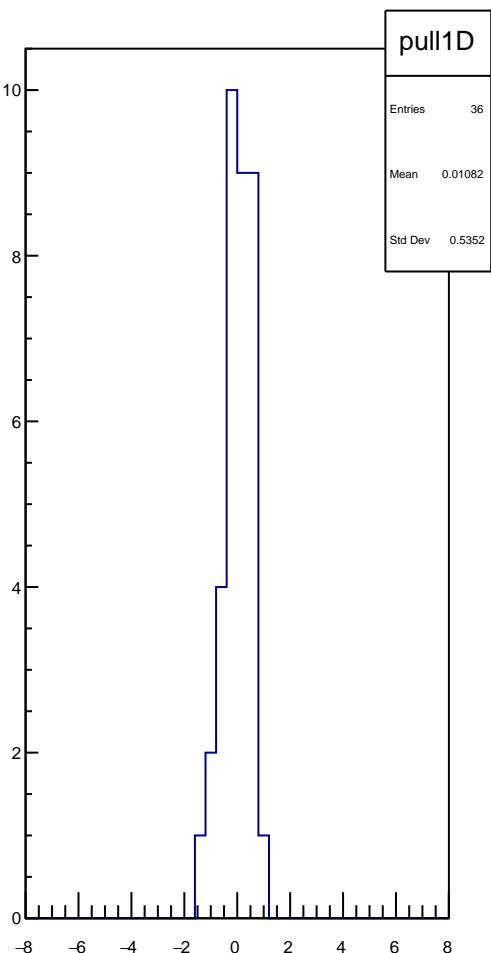
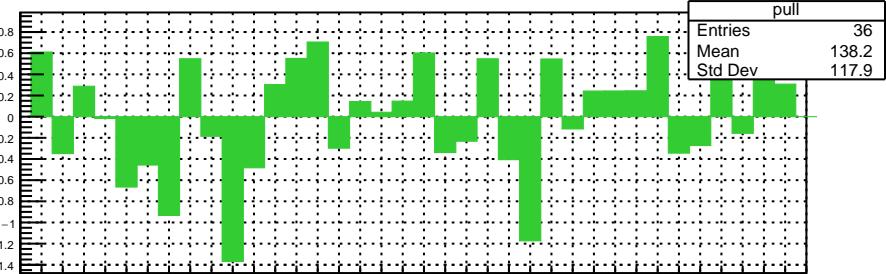
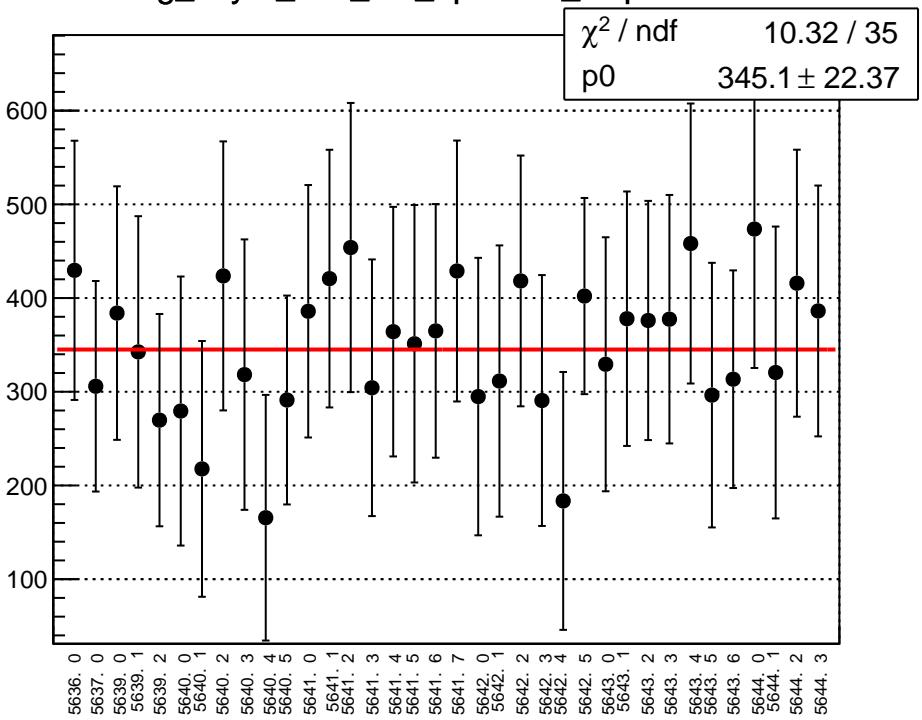
# reg\_asym\_atl1\_diff\_bpm4aX\_slope vs run



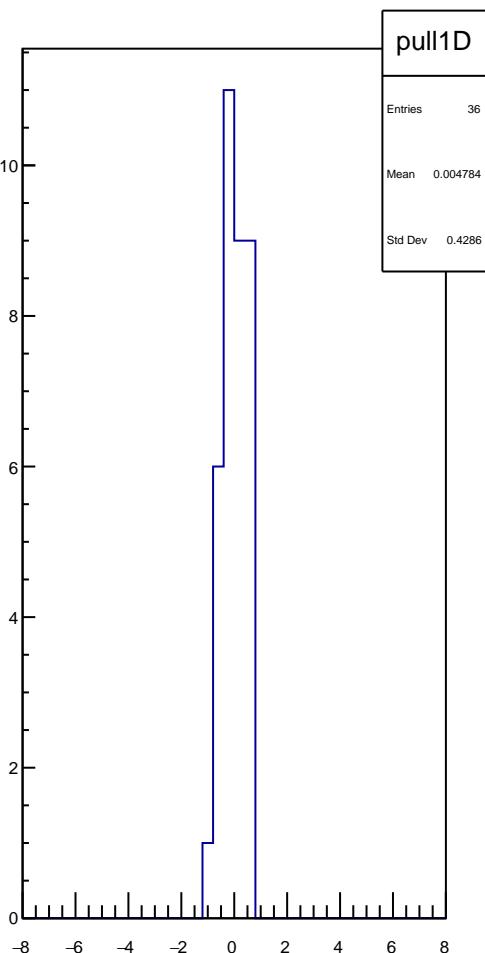
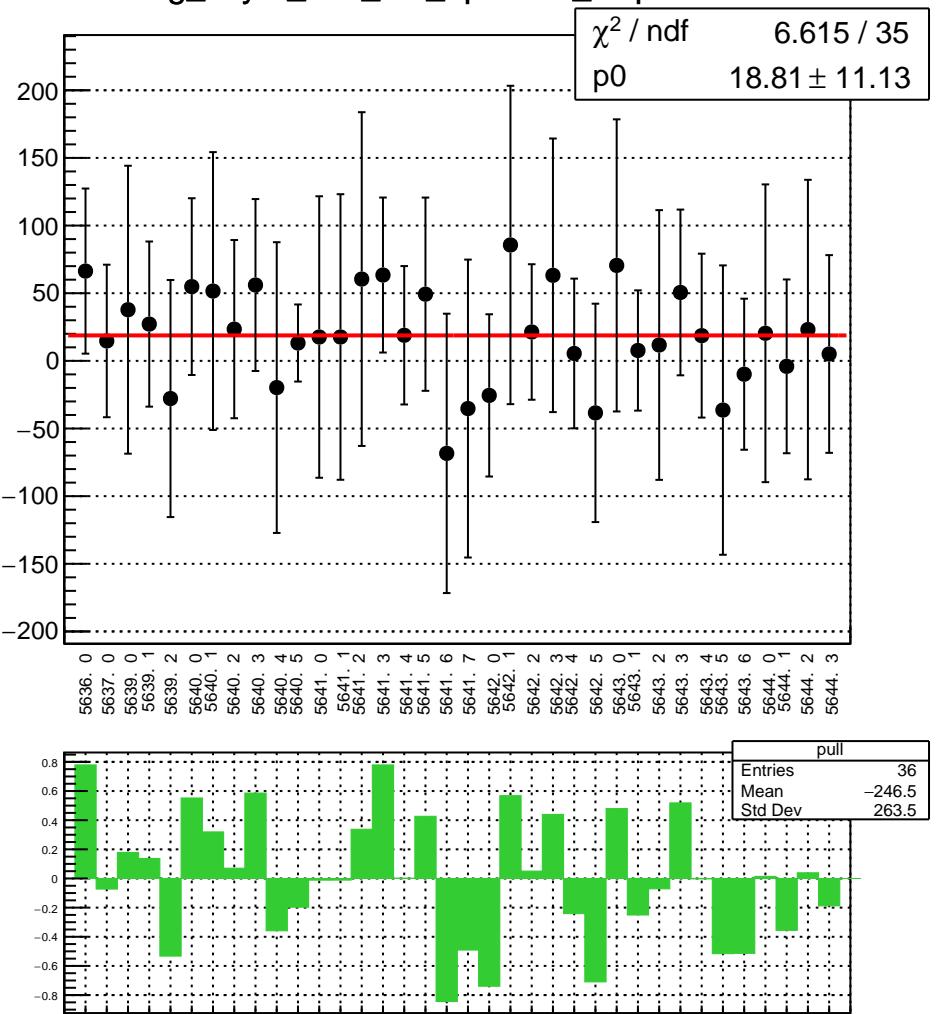
# reg\_asym\_atl1\_diff\_bpm4aY\_slope vs run



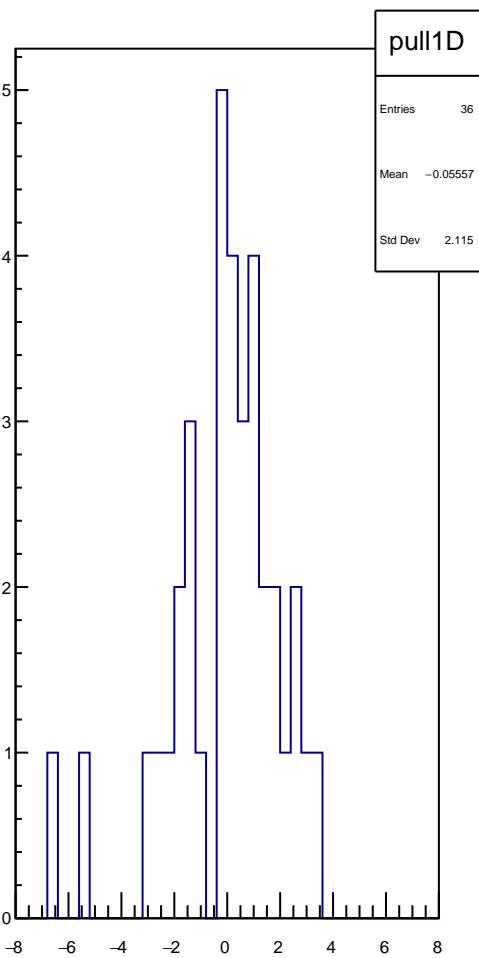
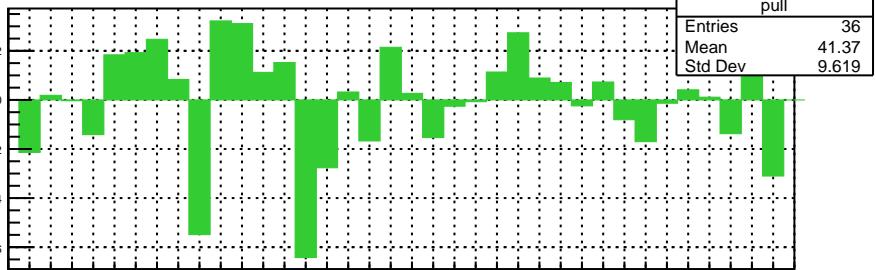
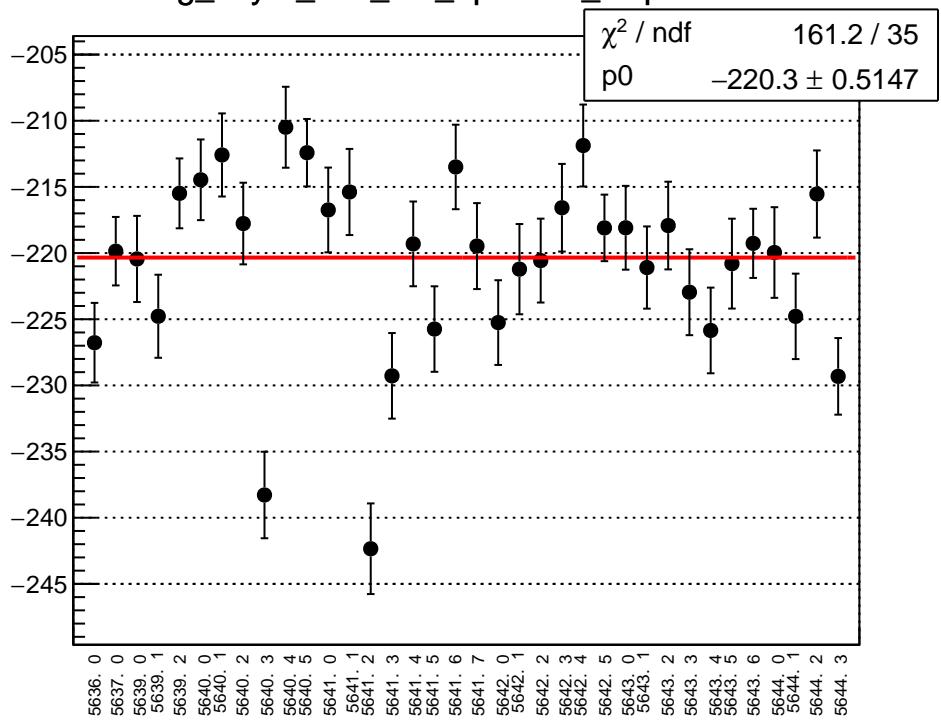
# reg\_asym\_atl1\_diff\_bpm4eX\_slope vs run



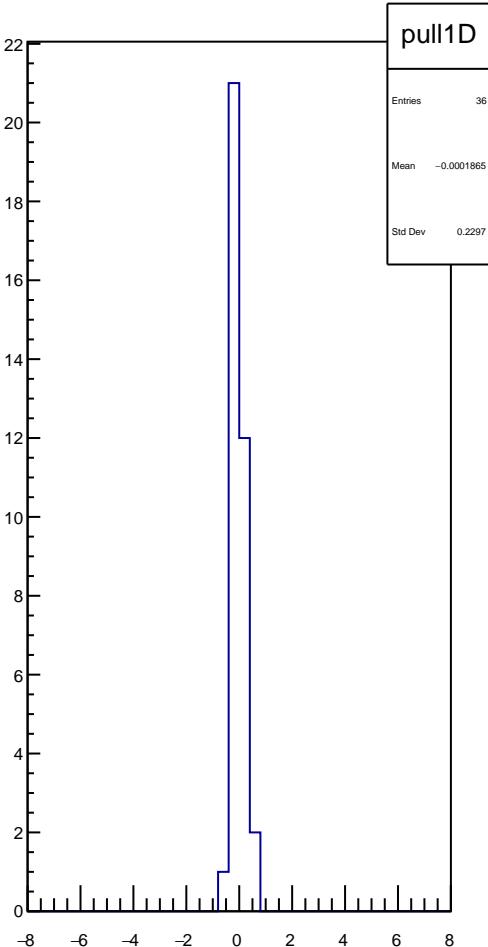
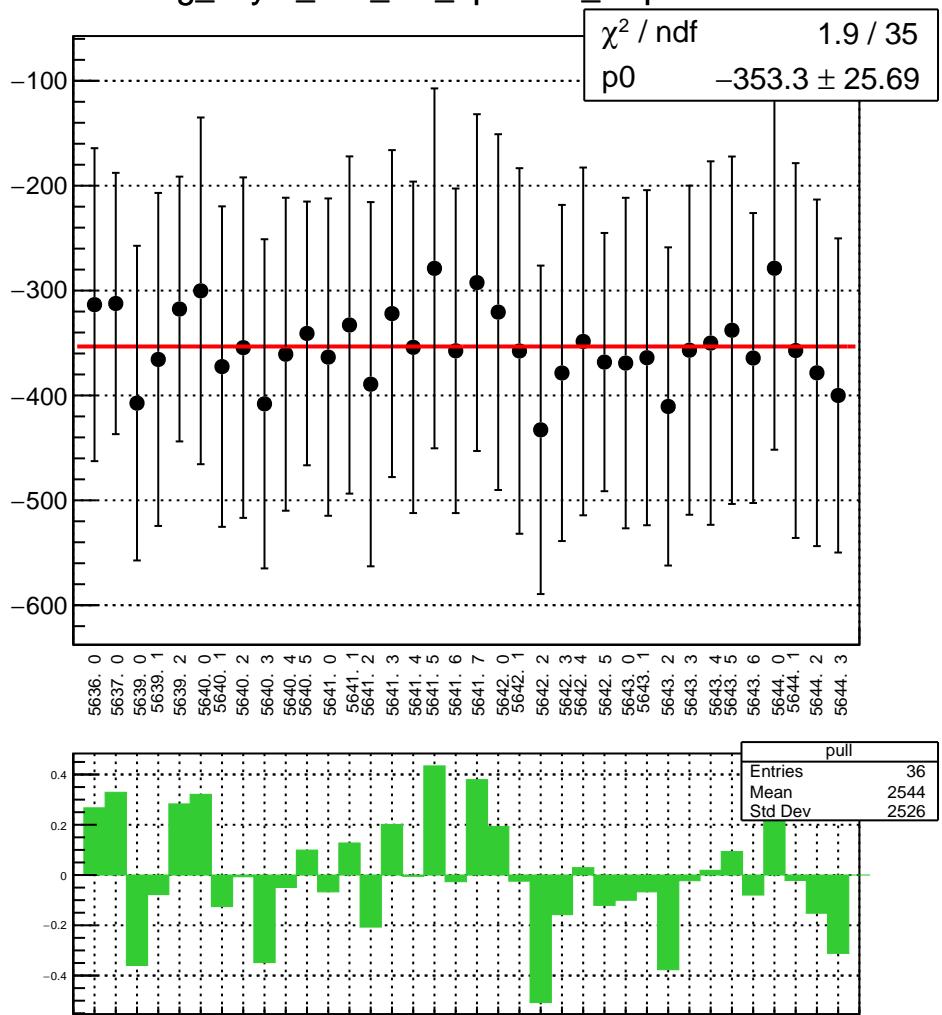
# reg\_asym\_atl1\_diff\_bpm4eY\_slope vs run



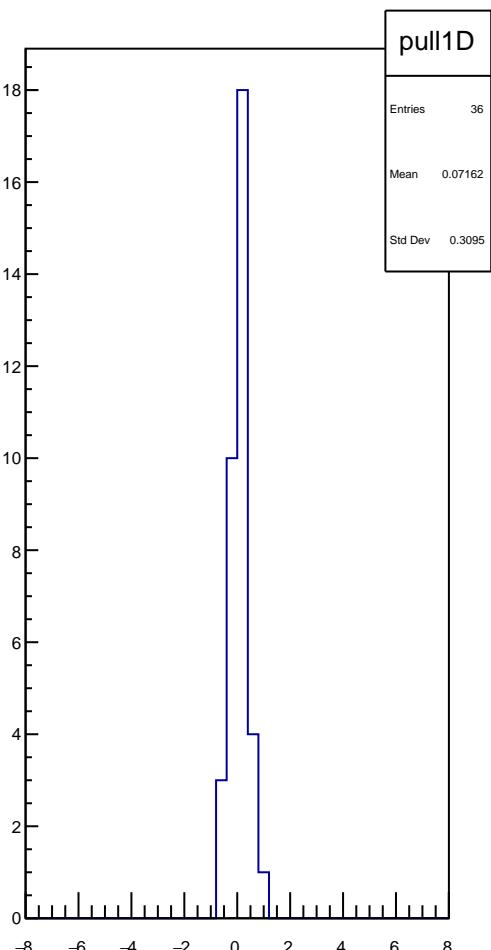
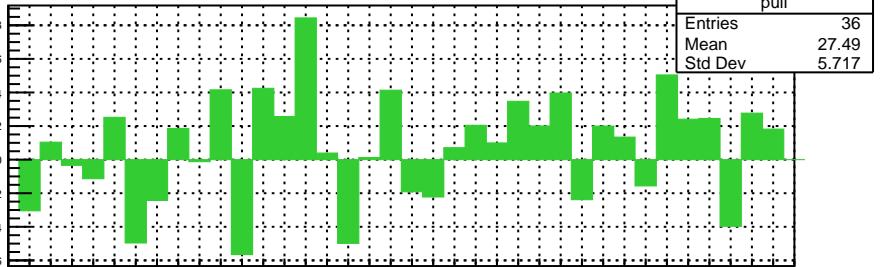
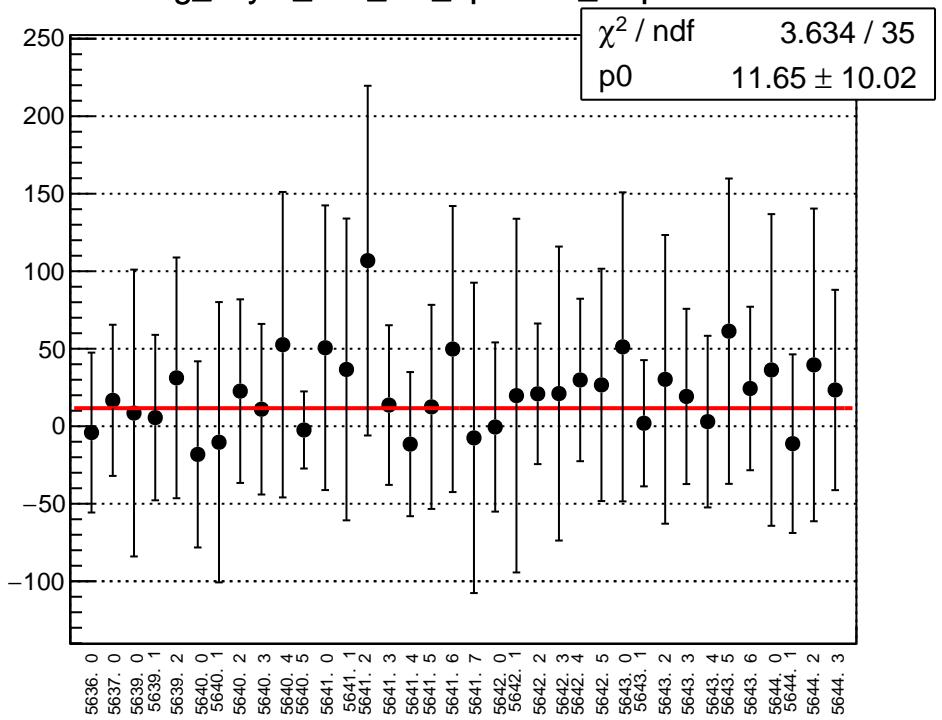
# reg\_asym\_atl1\_diff\_bpm12X\_slope vs run



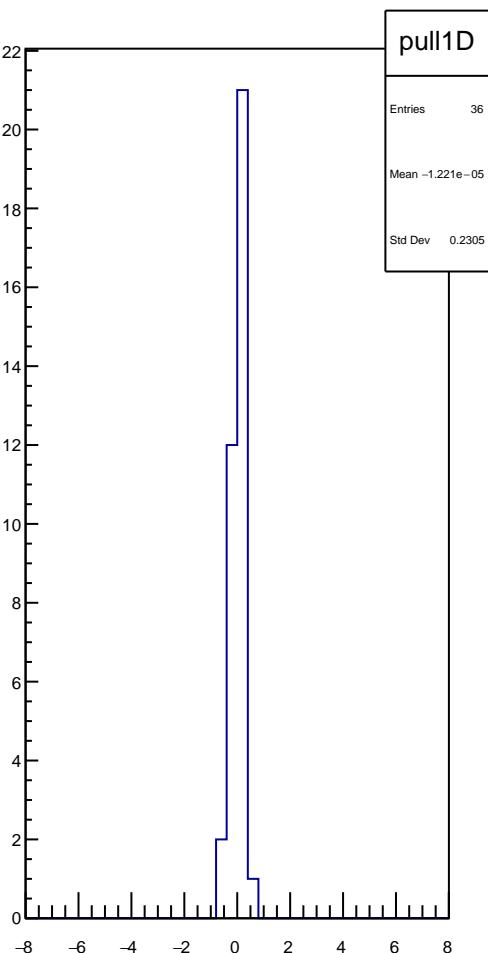
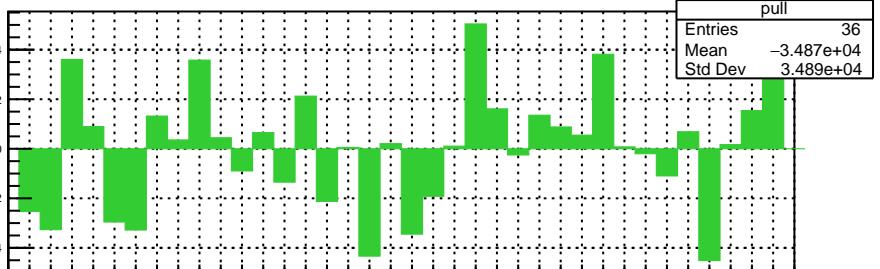
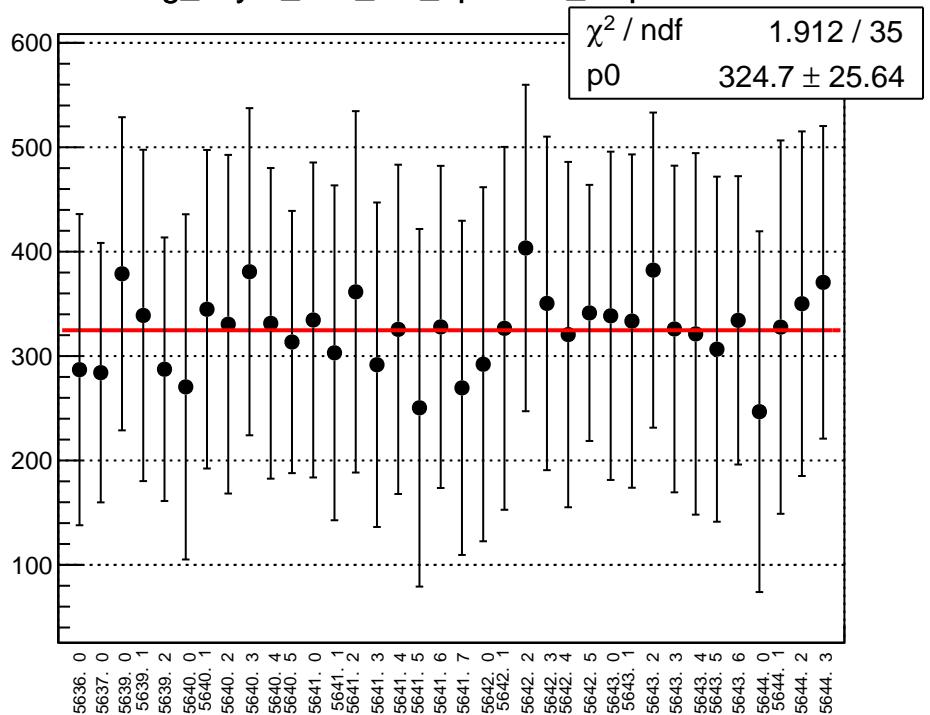
# reg\_asym\_atl2\_diff\_bpm4aX\_slope vs run



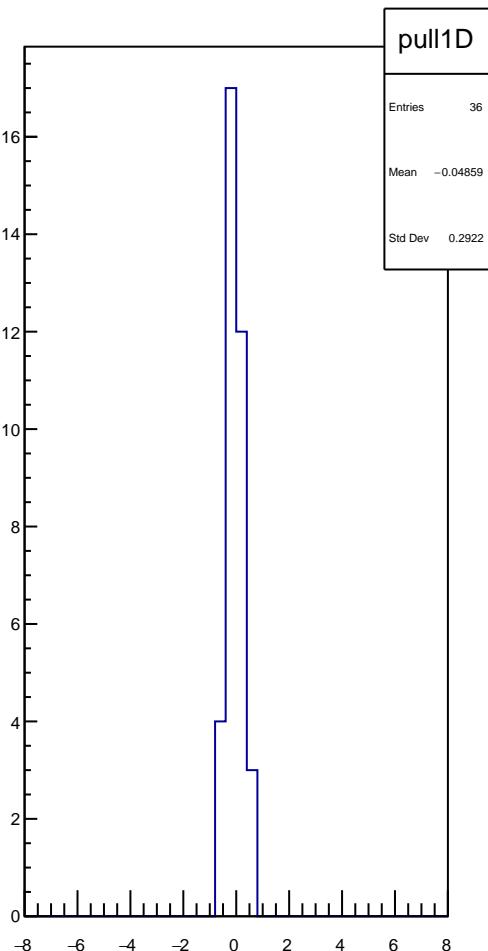
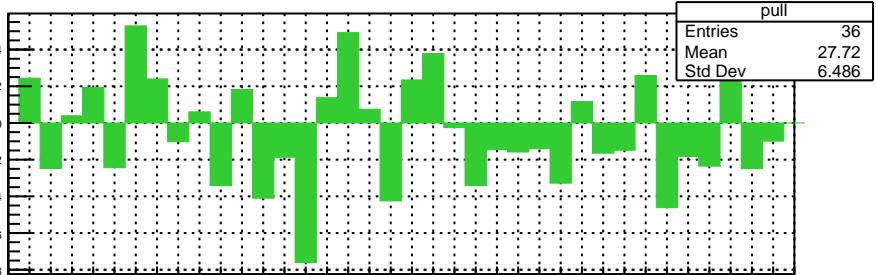
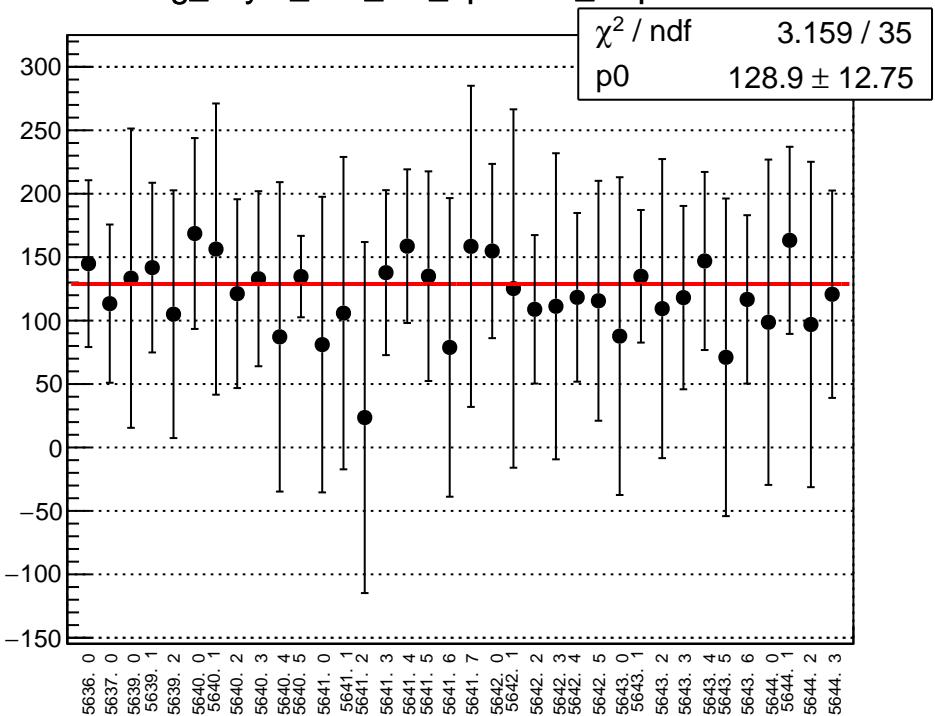
# reg\_asym\_atl2\_diff\_bpm4aY\_slope vs run



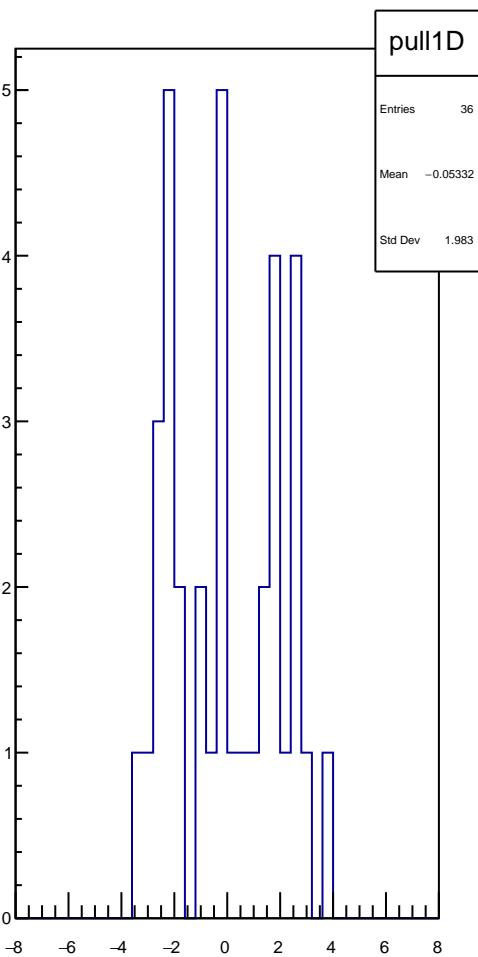
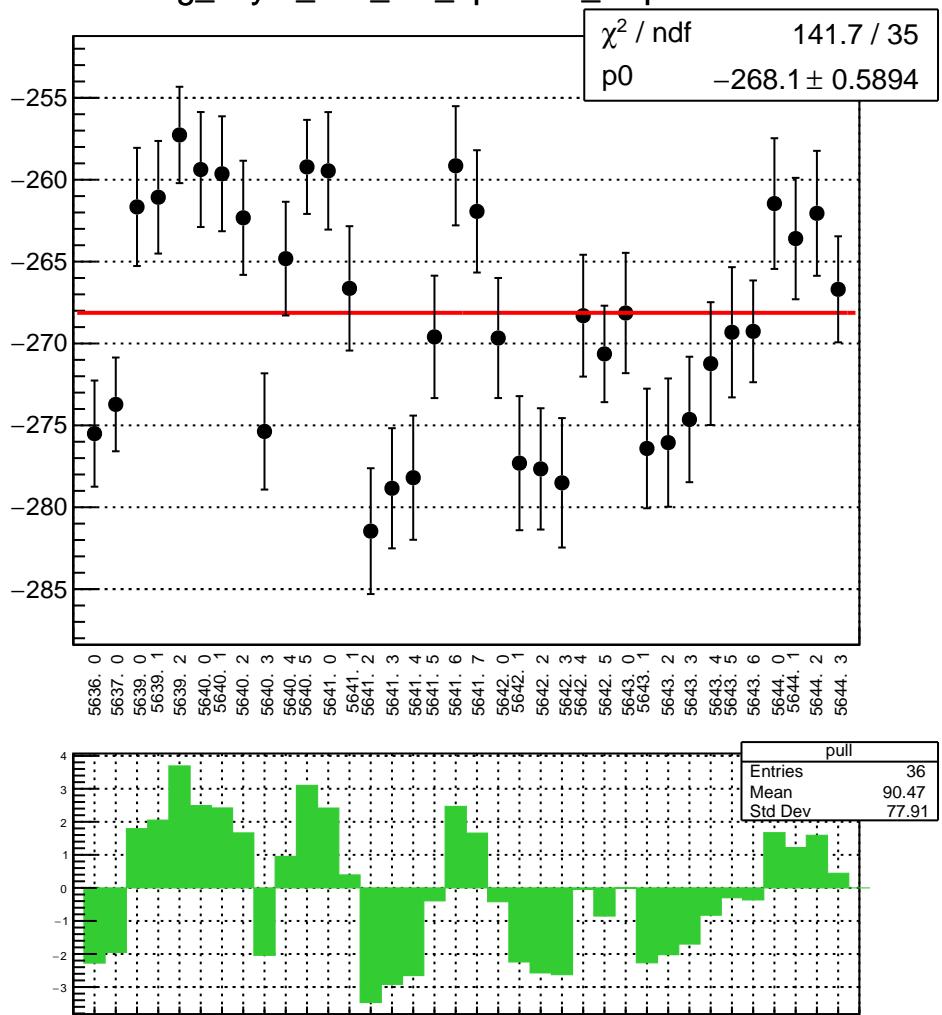
# reg\_asym\_atl2\_diff\_bpm4eX\_slope vs run



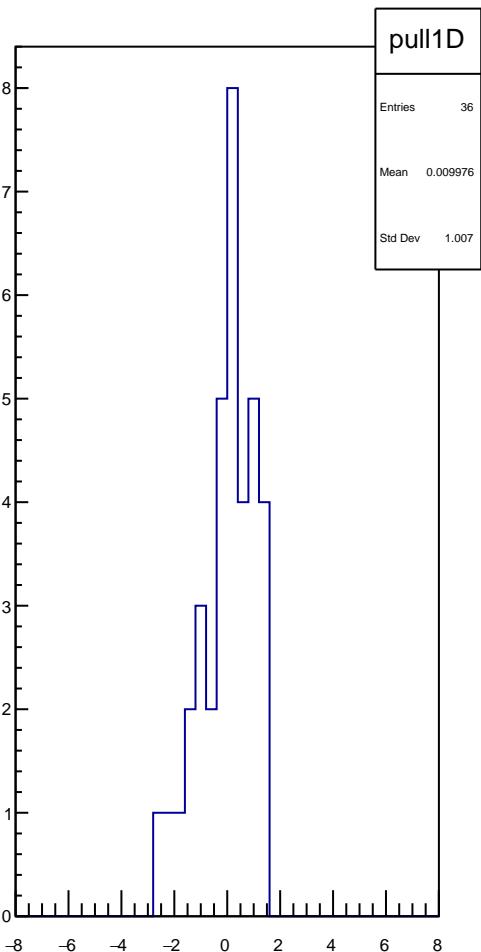
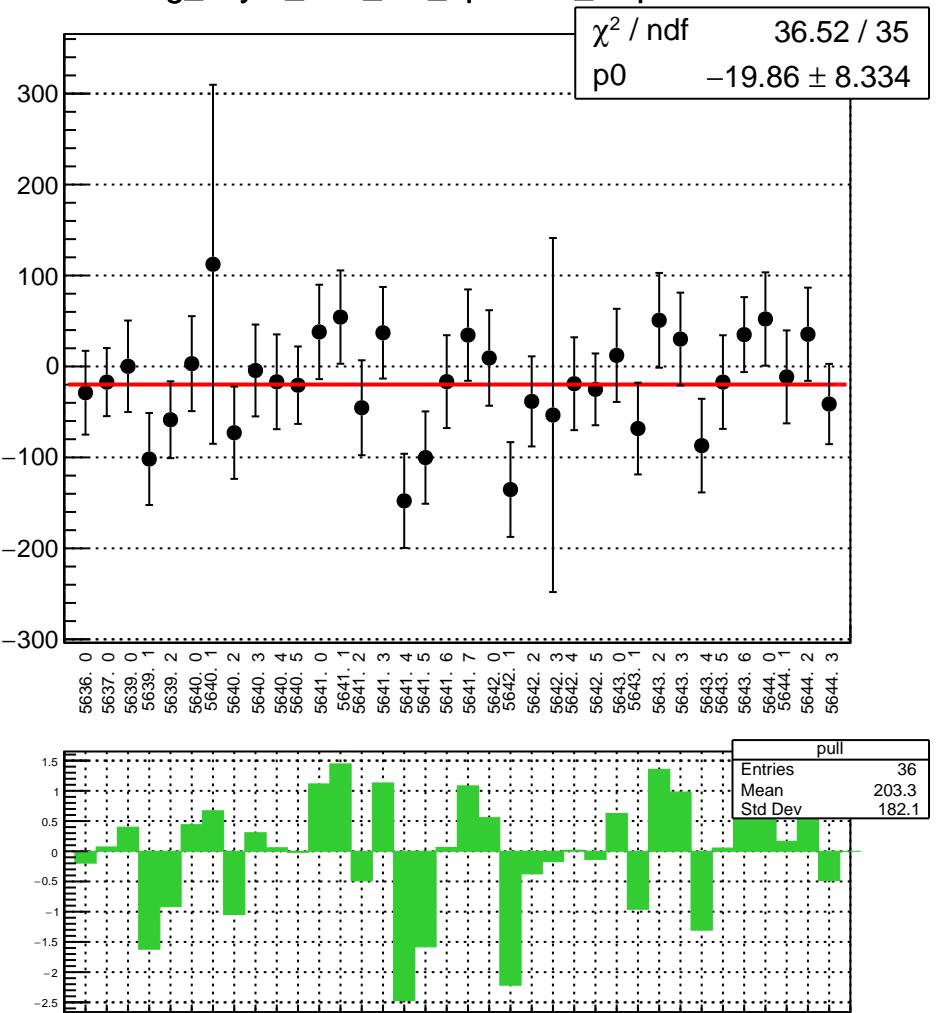
# reg\_asym\_atl2\_diff\_bpm4eY\_slope vs run



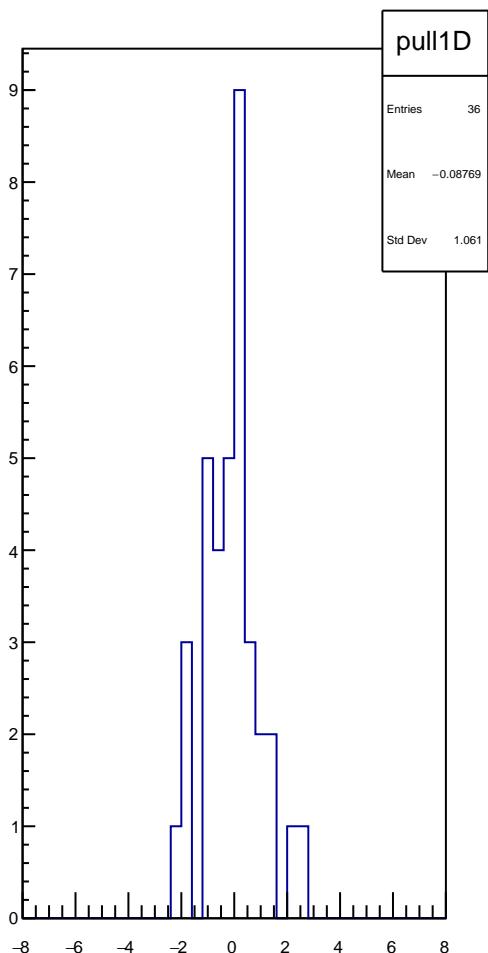
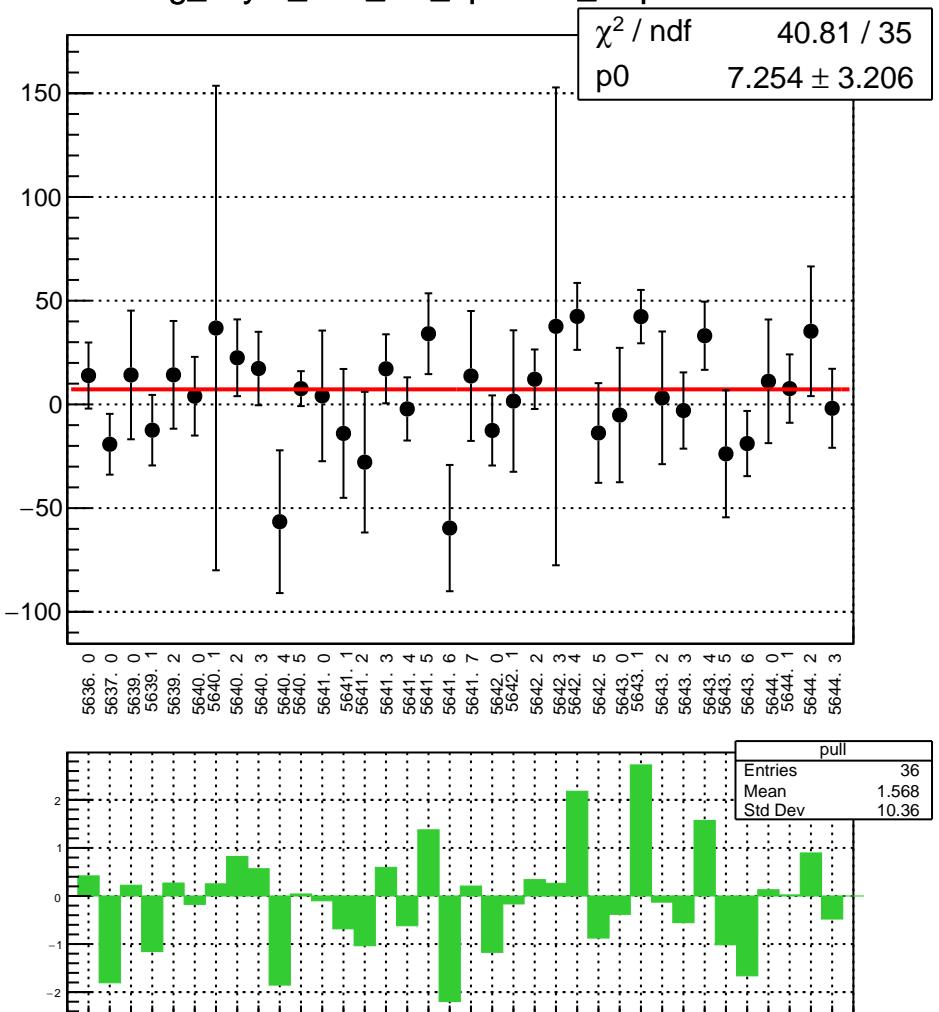
# reg\_asym\_atl2\_diff\_bpm12X\_slope vs run



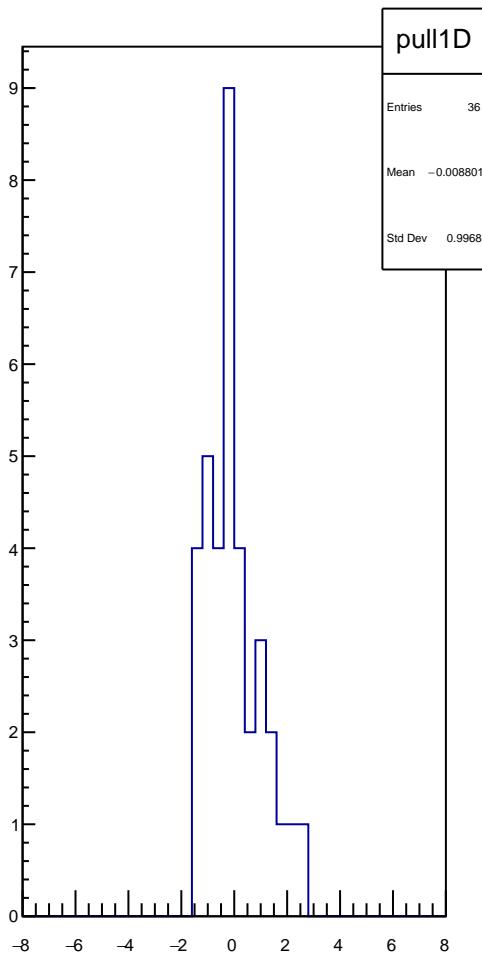
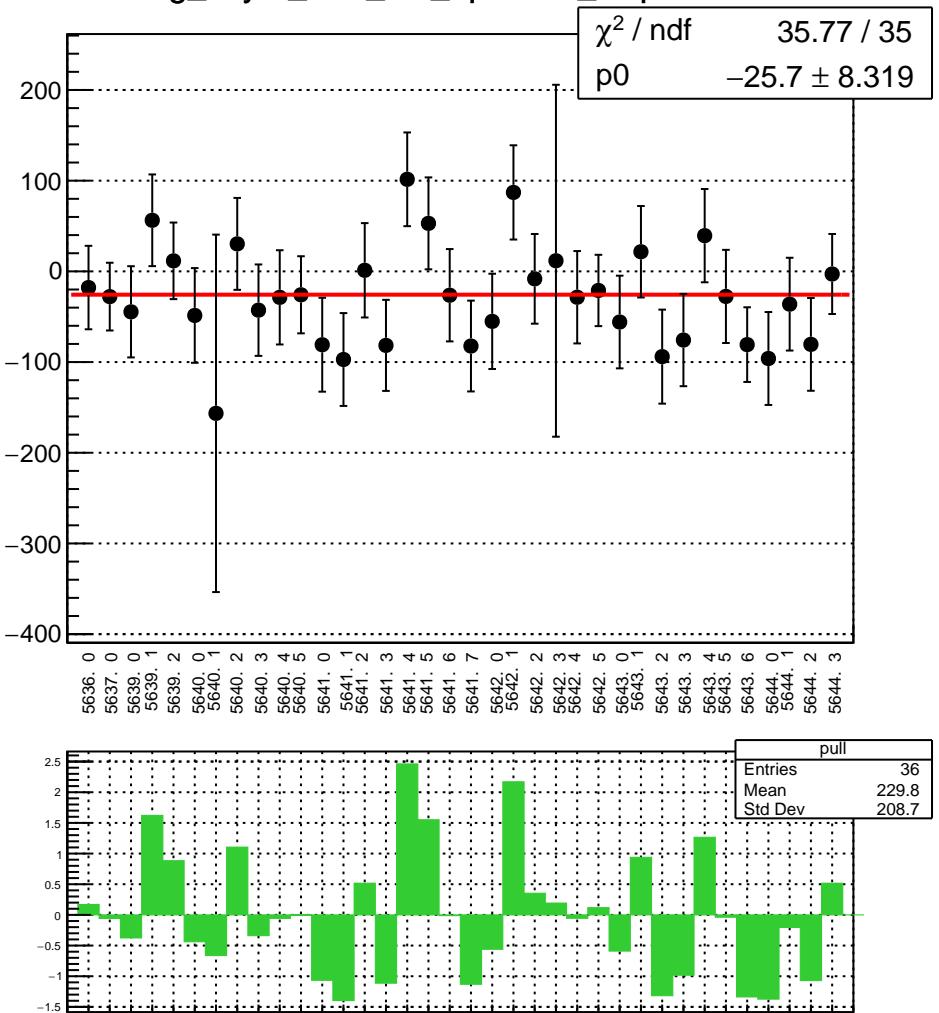
# reg\_asym\_atr1\_diff\_bpm4aX\_slope vs run



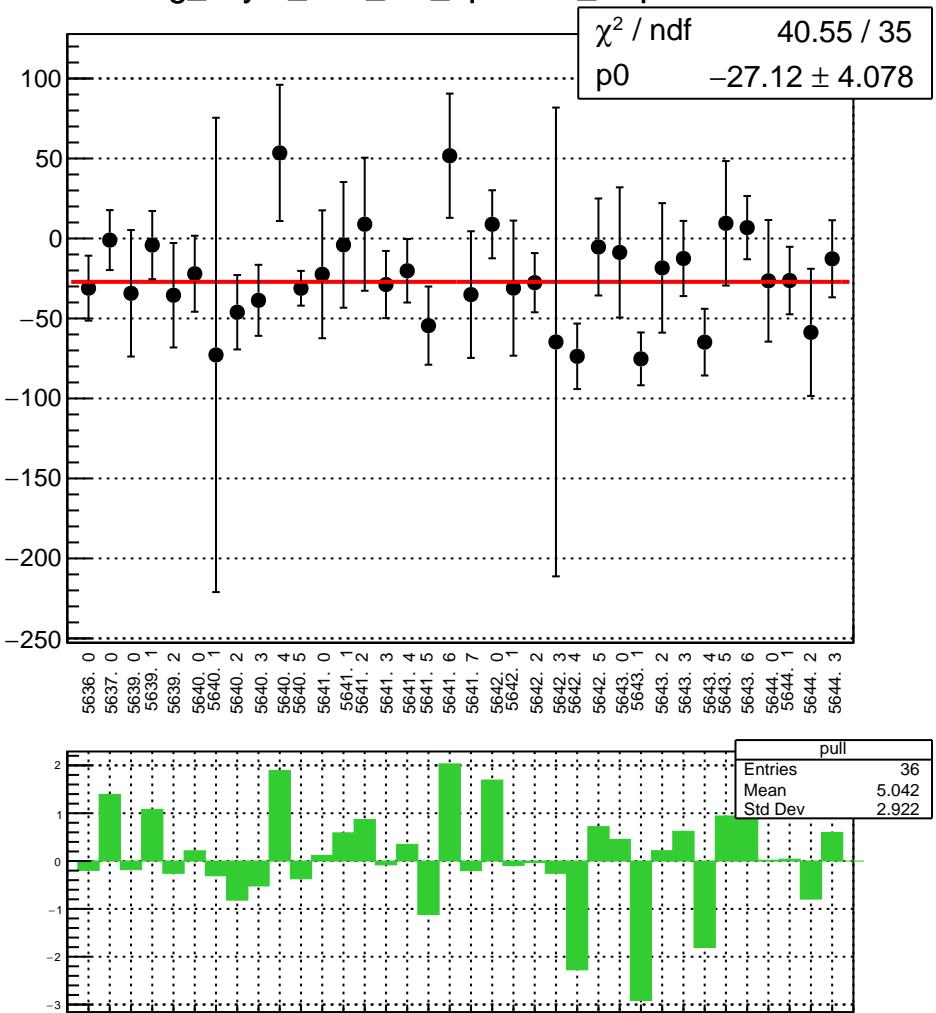
# reg\_asym\_atr1\_diff\_bpm4aY\_slope vs run



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

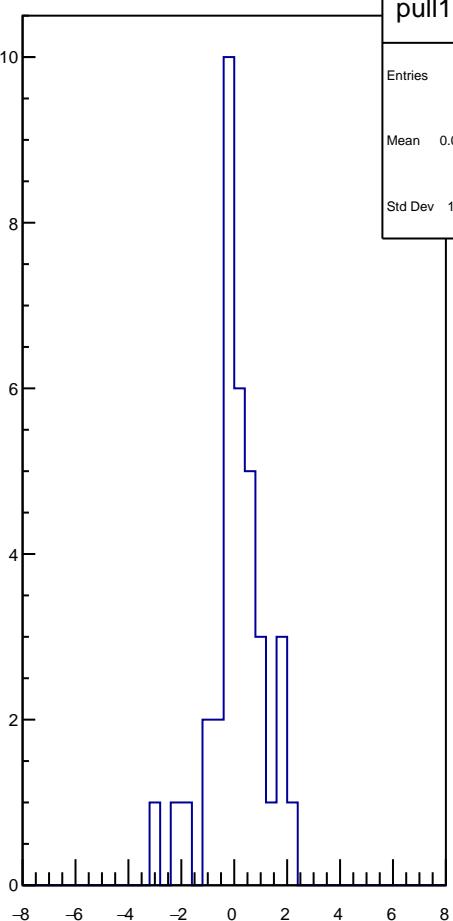


reg\_asym\_atr1\_diff\_bpm4eY\_slope vs run

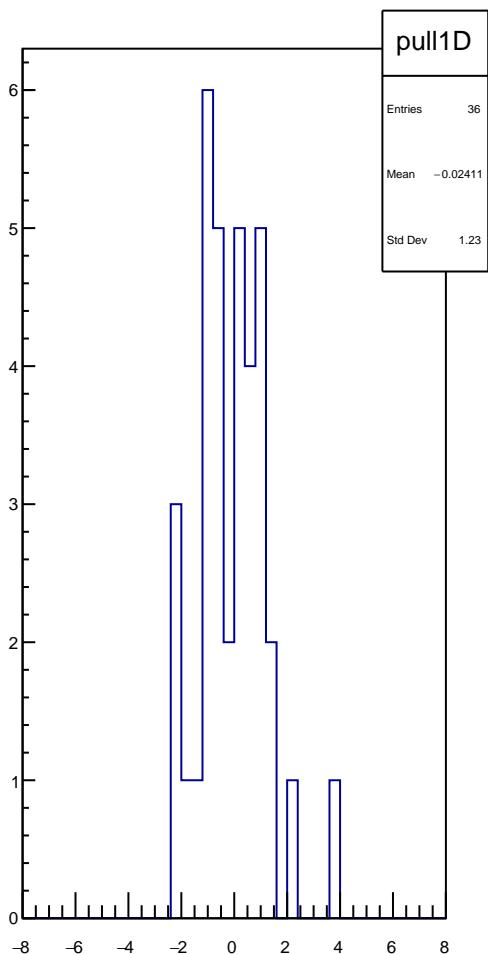
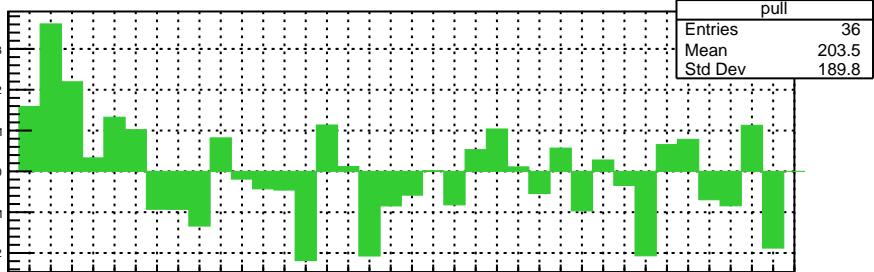
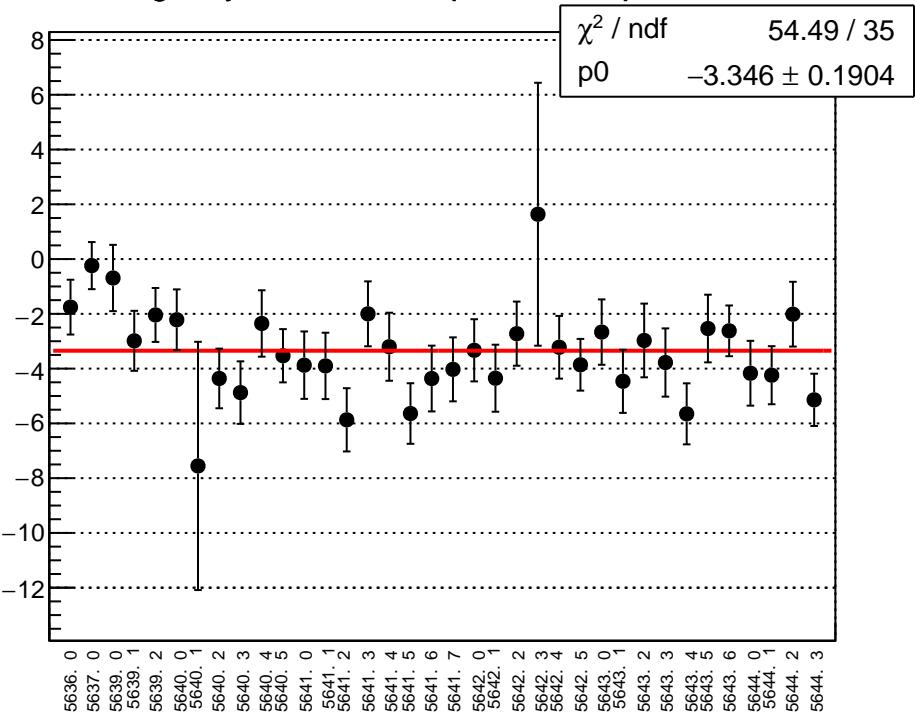


pull1D

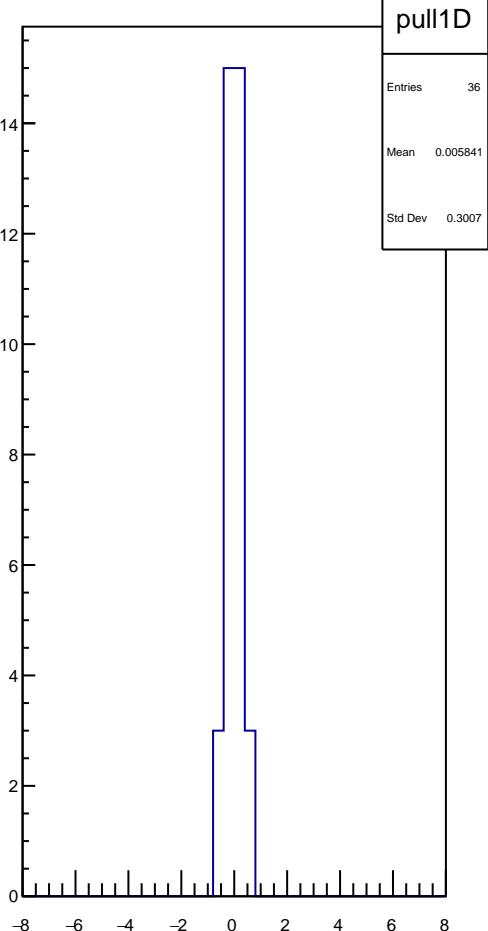
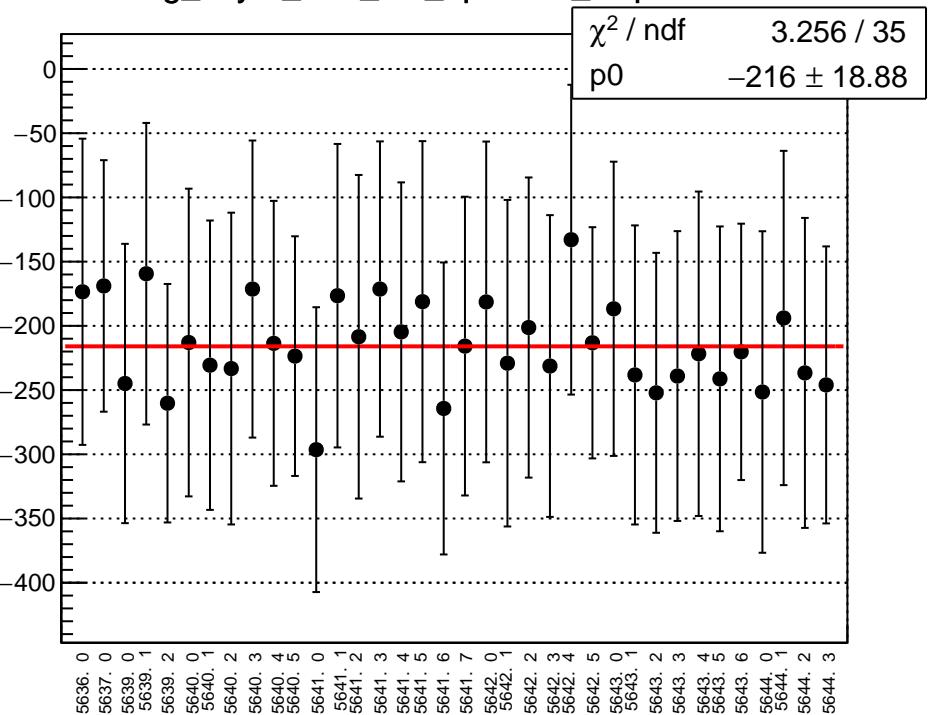
Entries	36
Mean	0.0924
Std Dev	1.057



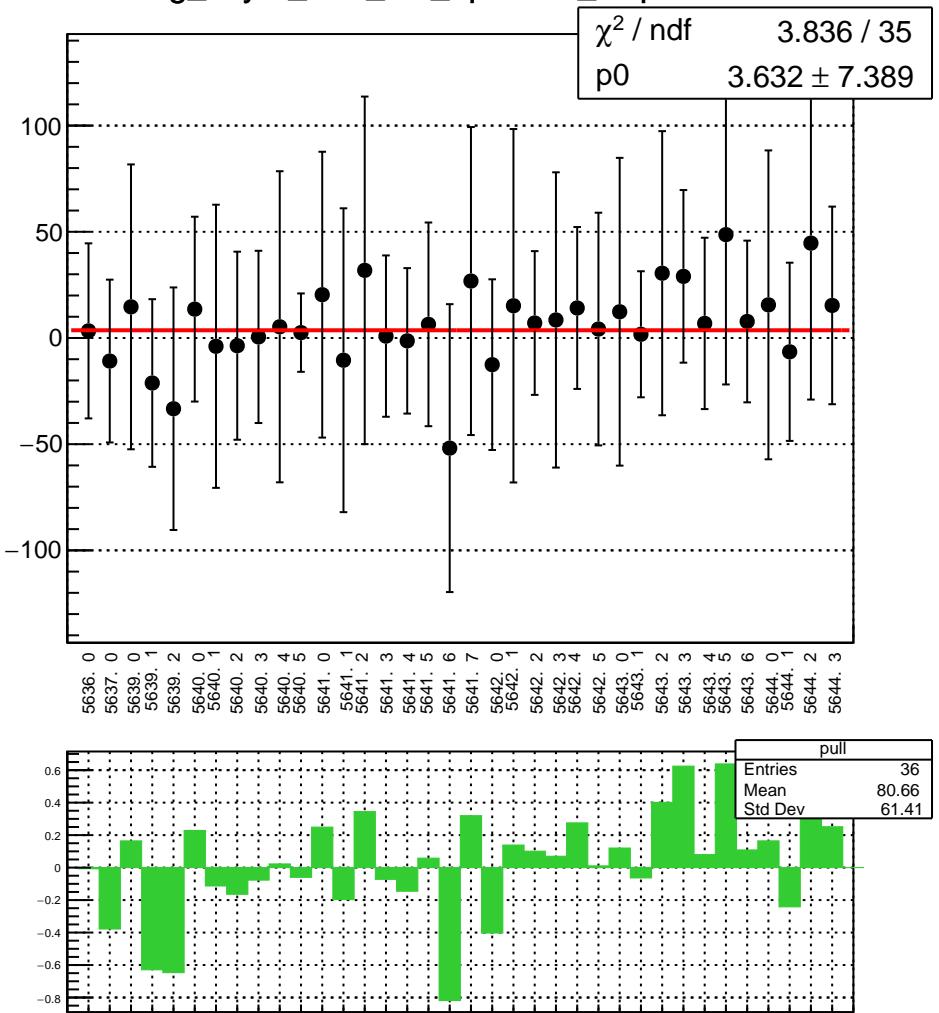
# reg\_asym\_atr1\_diff\_bpm12X\_slope vs run



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



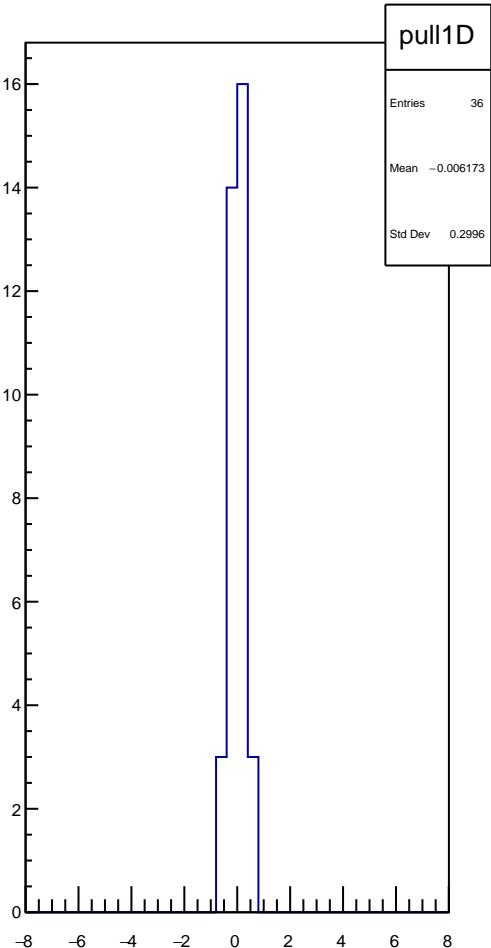
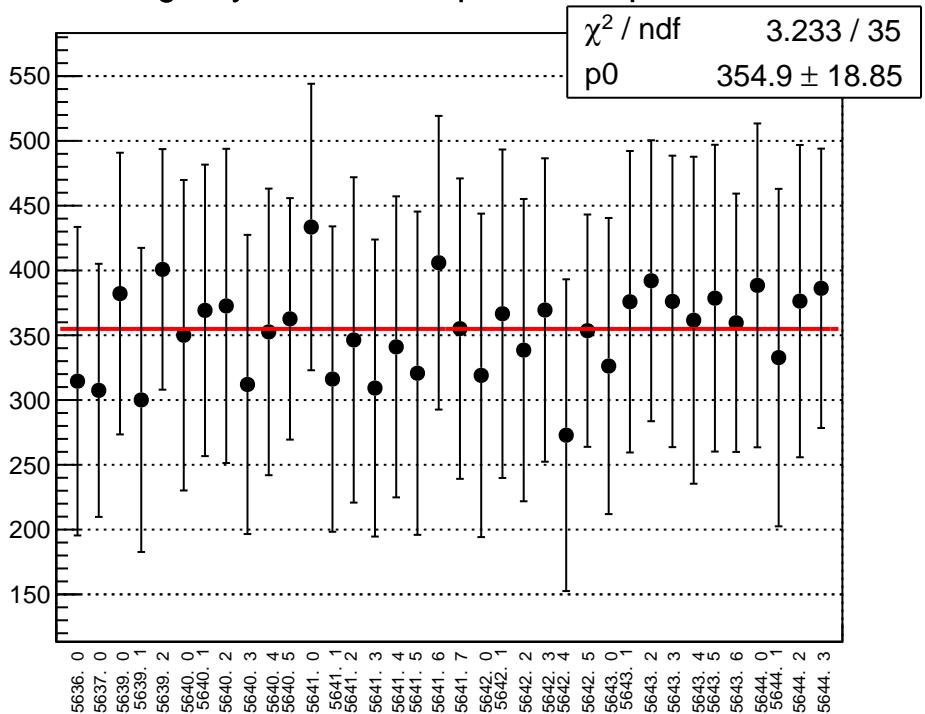
# reg\_asym\_atr2\_diff\_bpm4aY\_slope vs run



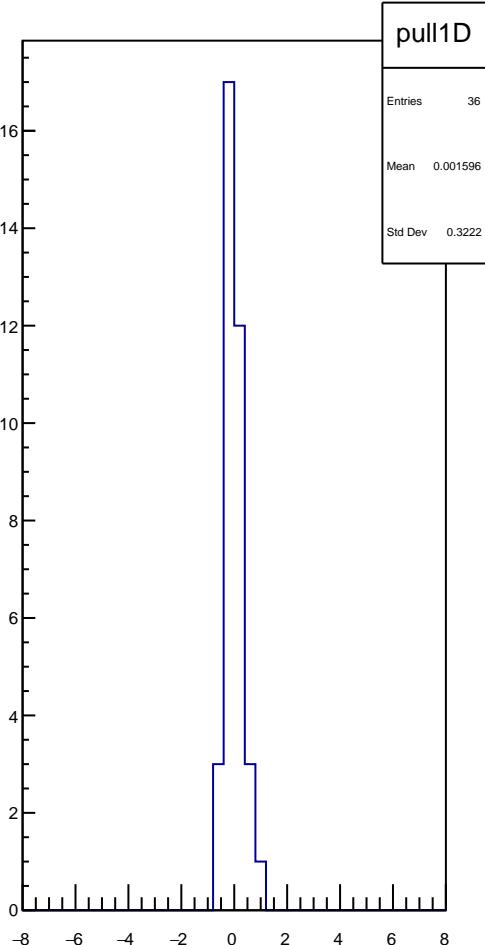
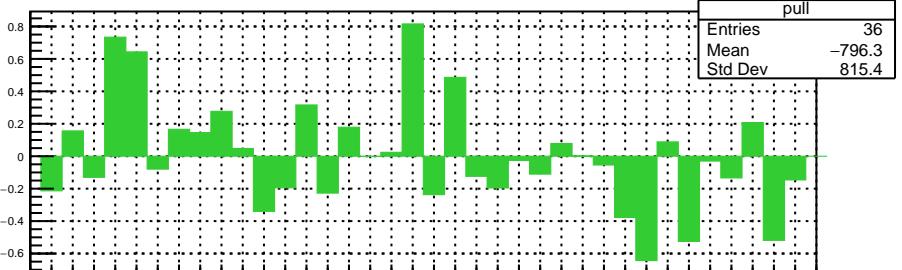
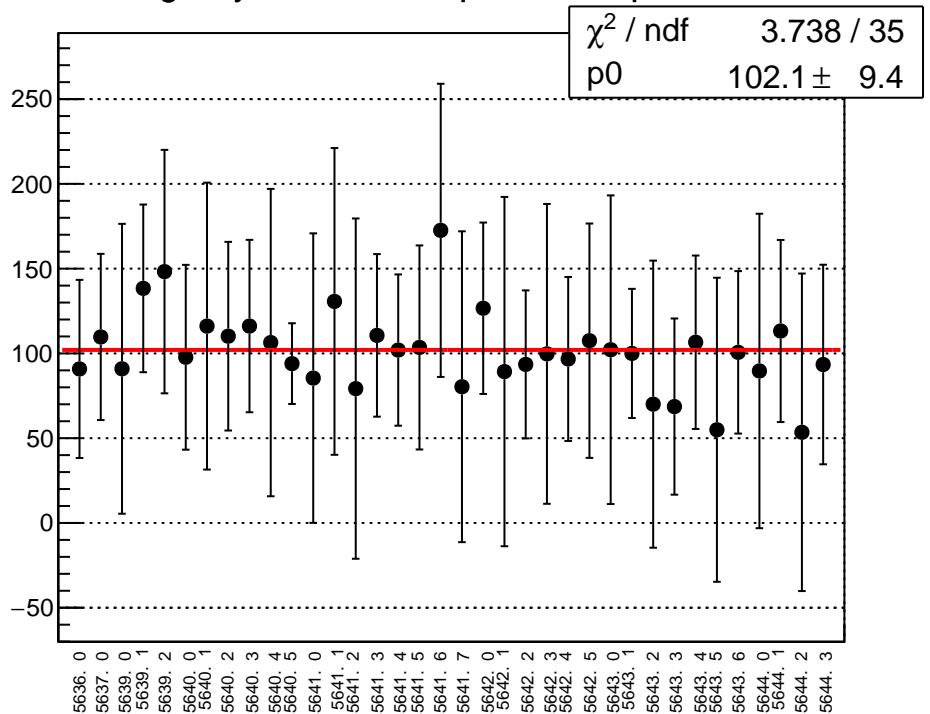
pull1D

Entries	36
Mean	0.02534
Std Dev	0.3254

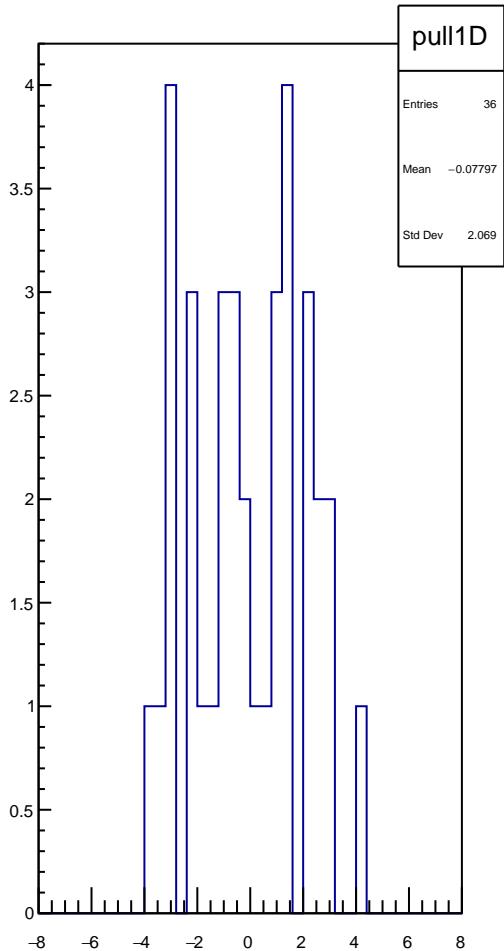
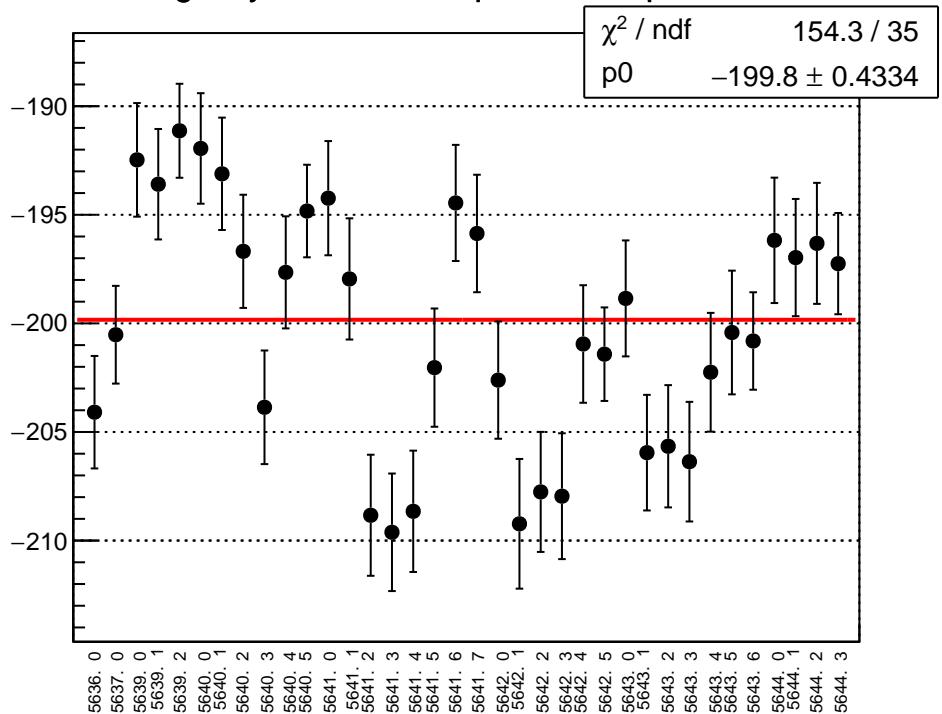
# reg\_asym\_atr2\_diff\_bpm4eX\_slope vs run



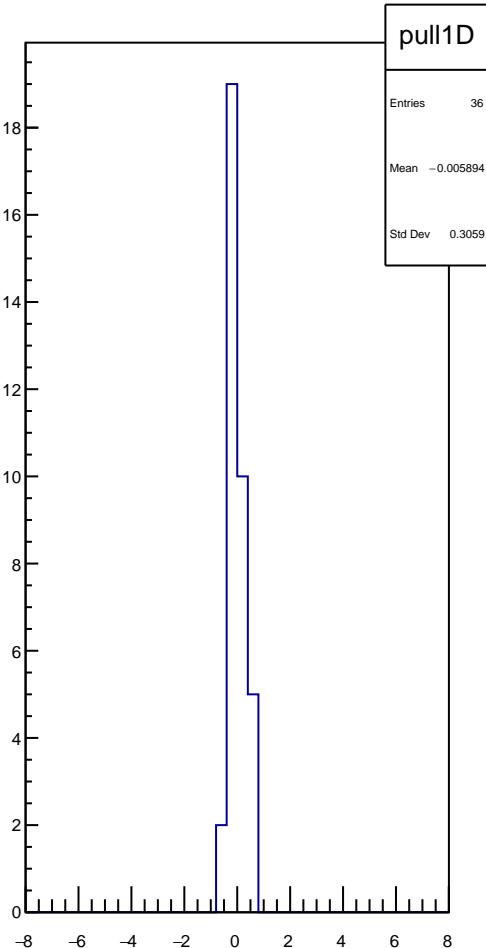
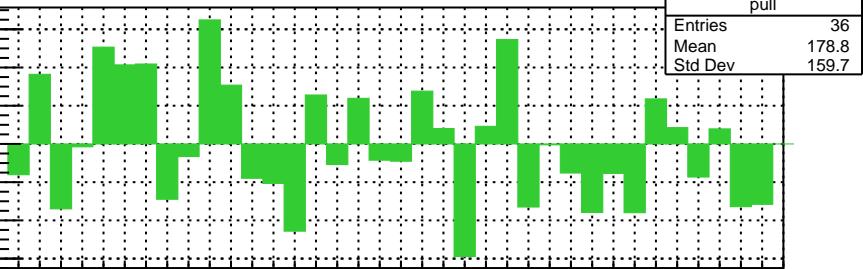
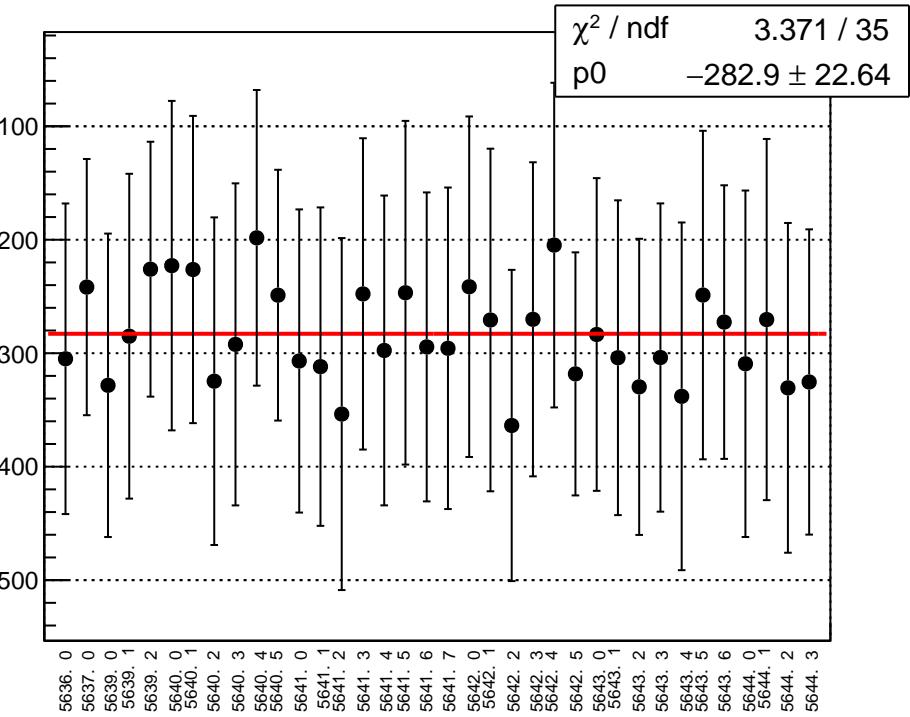
# reg\_asym\_atr2\_diff\_bpm4eY\_slope vs run



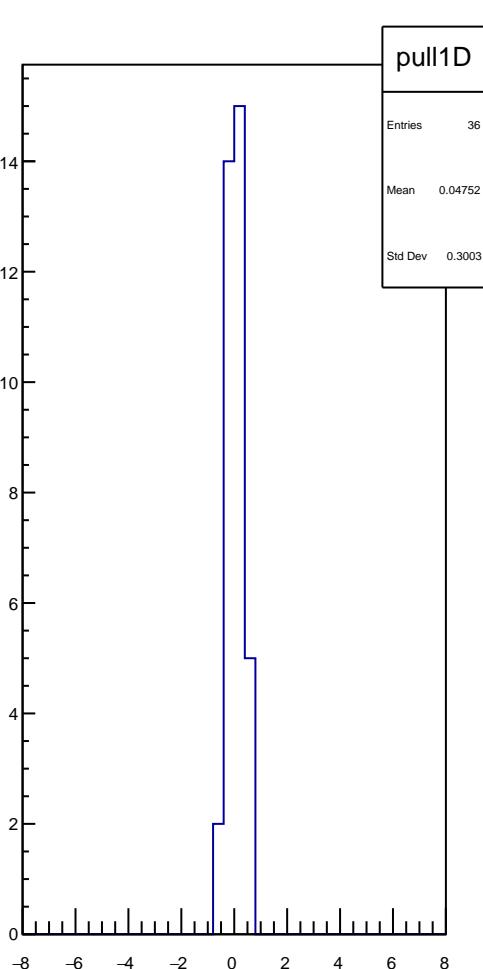
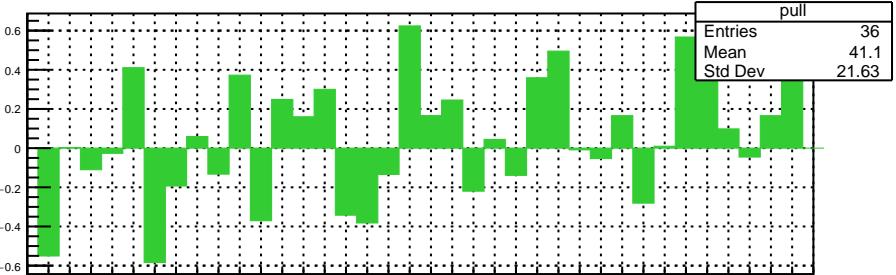
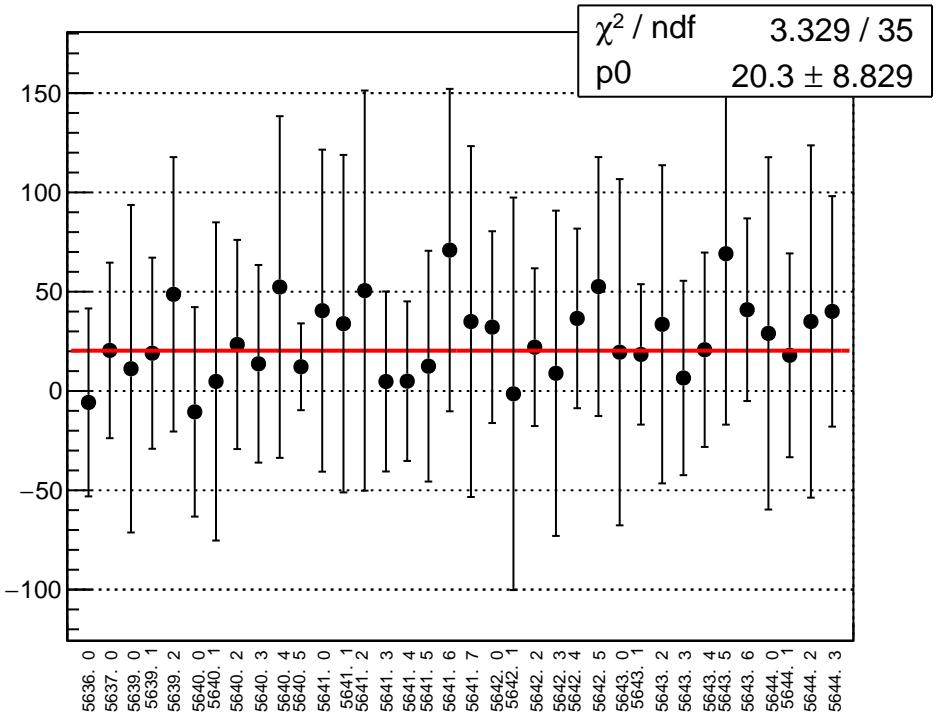
# reg\_asym\_atr2\_diff\_bpm12X\_slope vs run



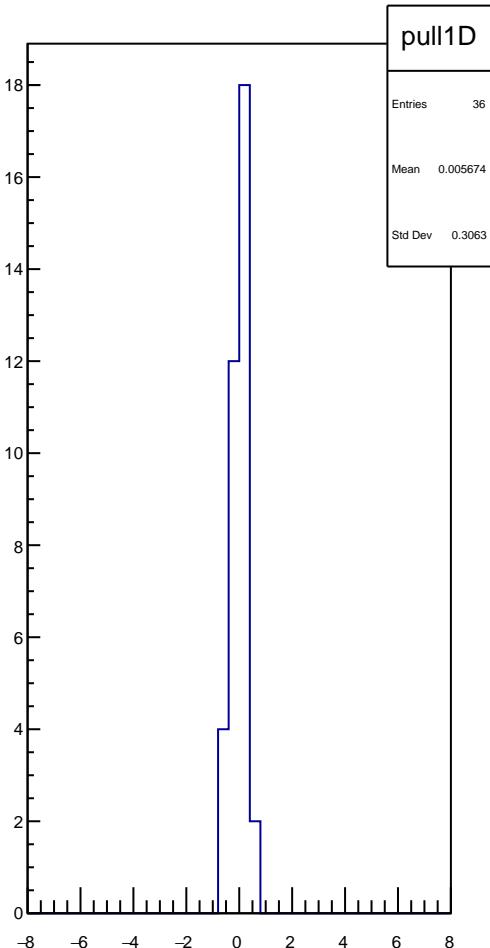
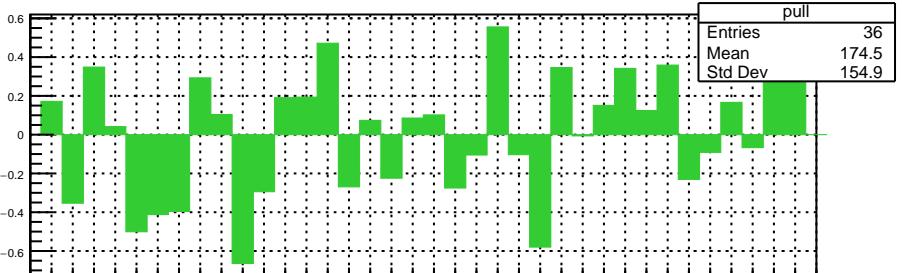
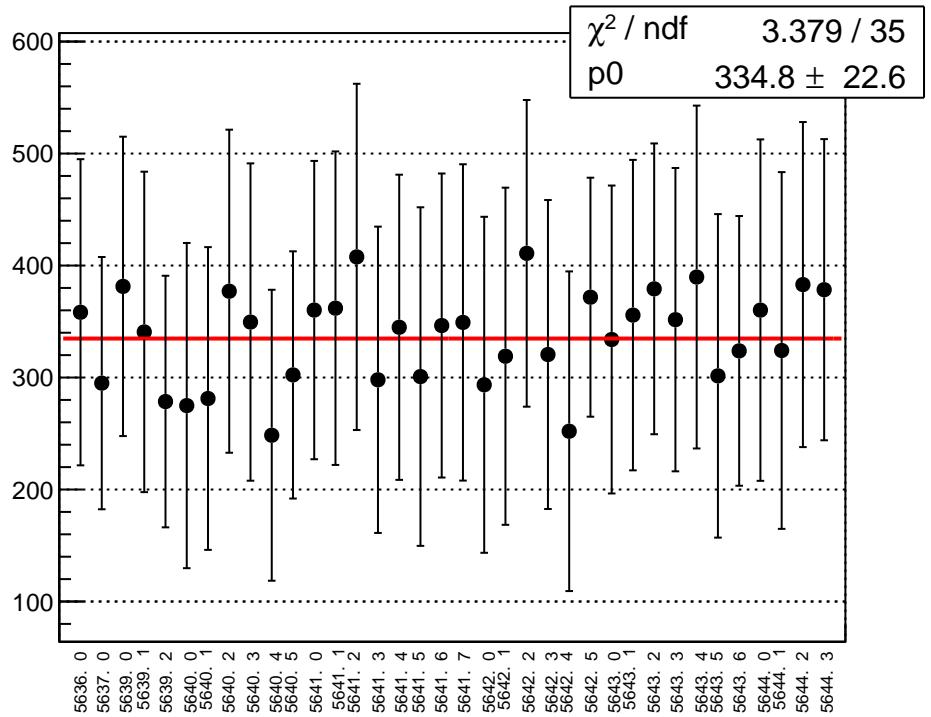
# reg\_asym\_atl\_avg\_diff\_bpm4aX\_slope vs run



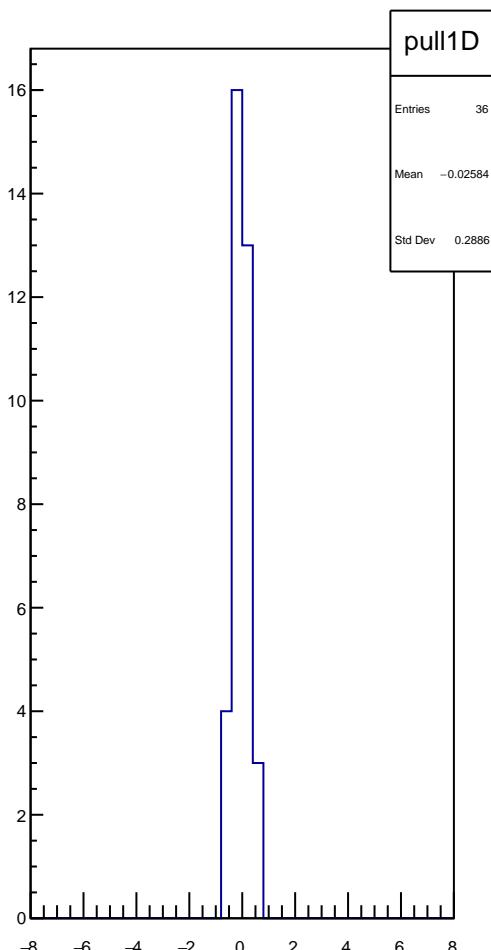
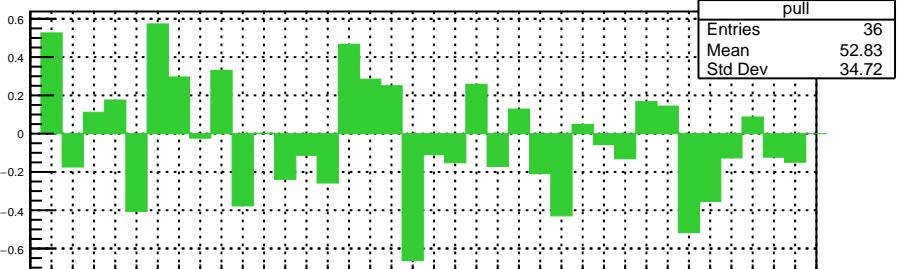
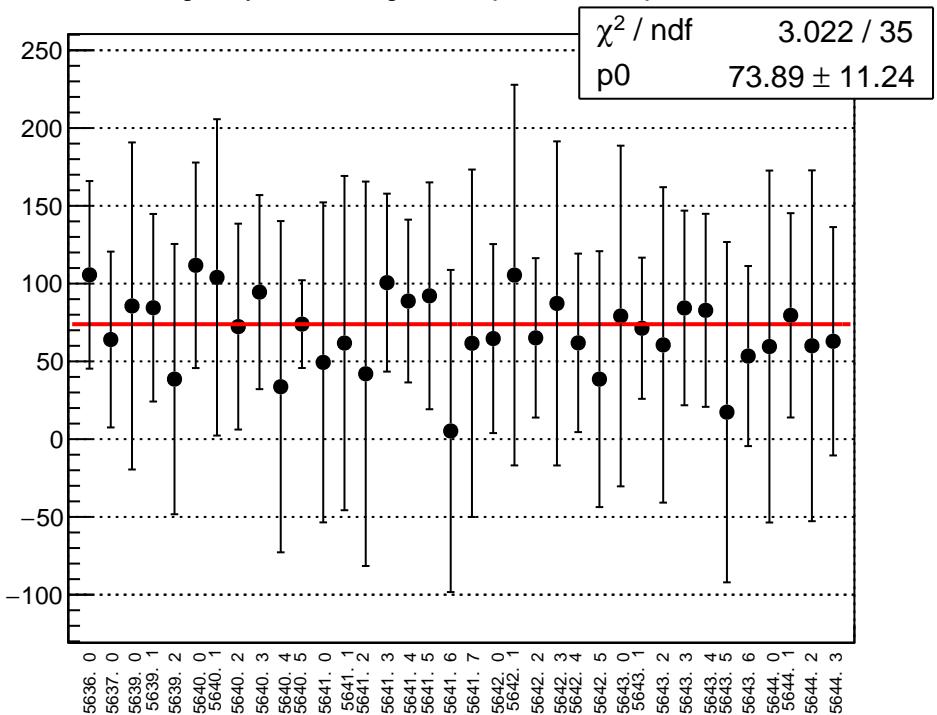
# reg\_asym\_atl\_avg\_diff\_bpm4aY\_slope vs run



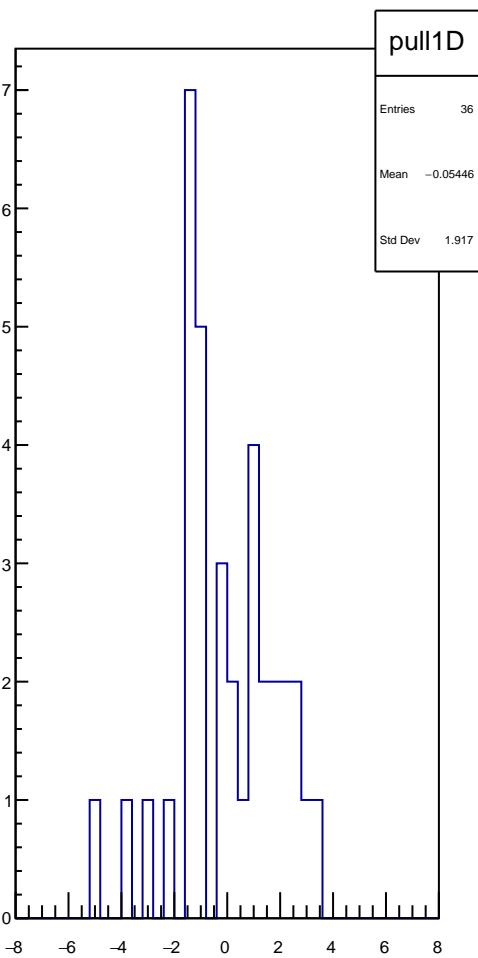
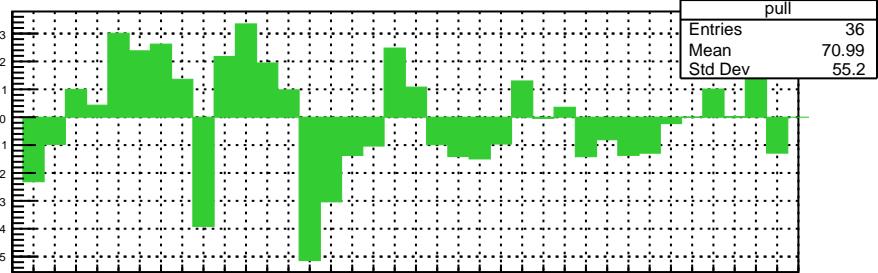
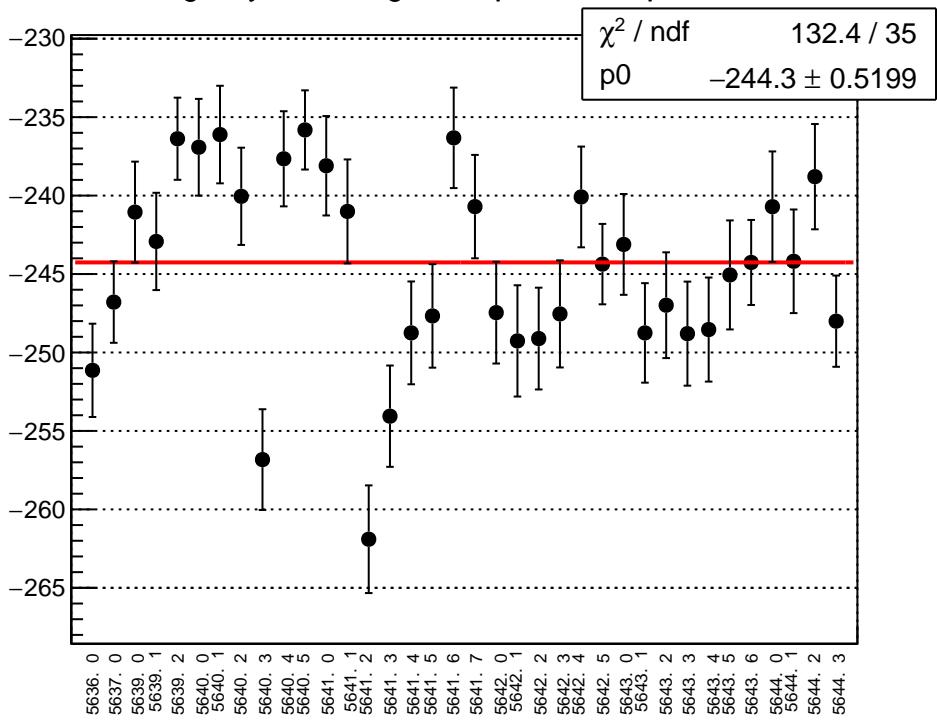
# reg\_asym\_atl\_avg\_diff\_bpm4eX\_slope vs run



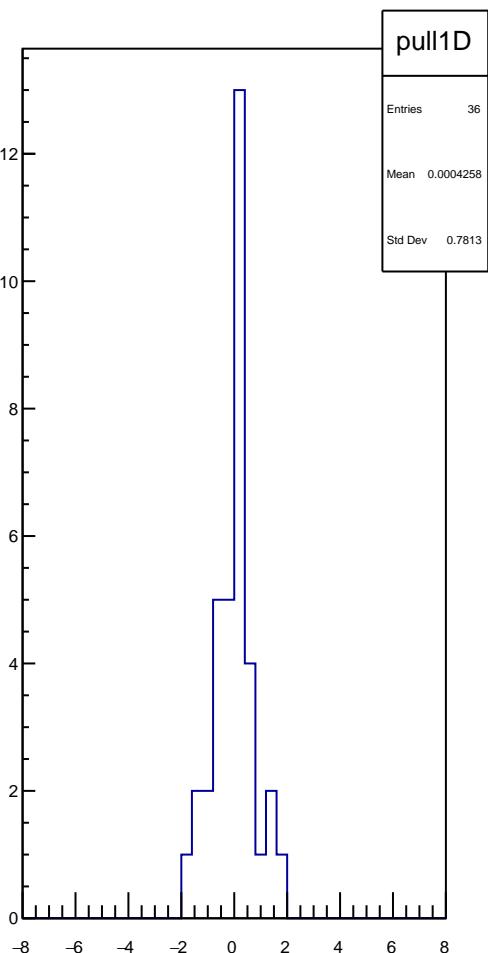
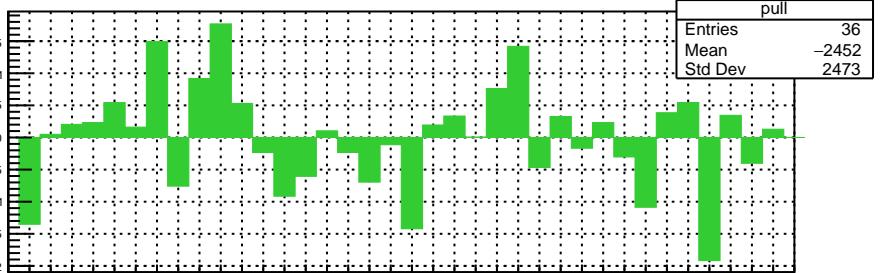
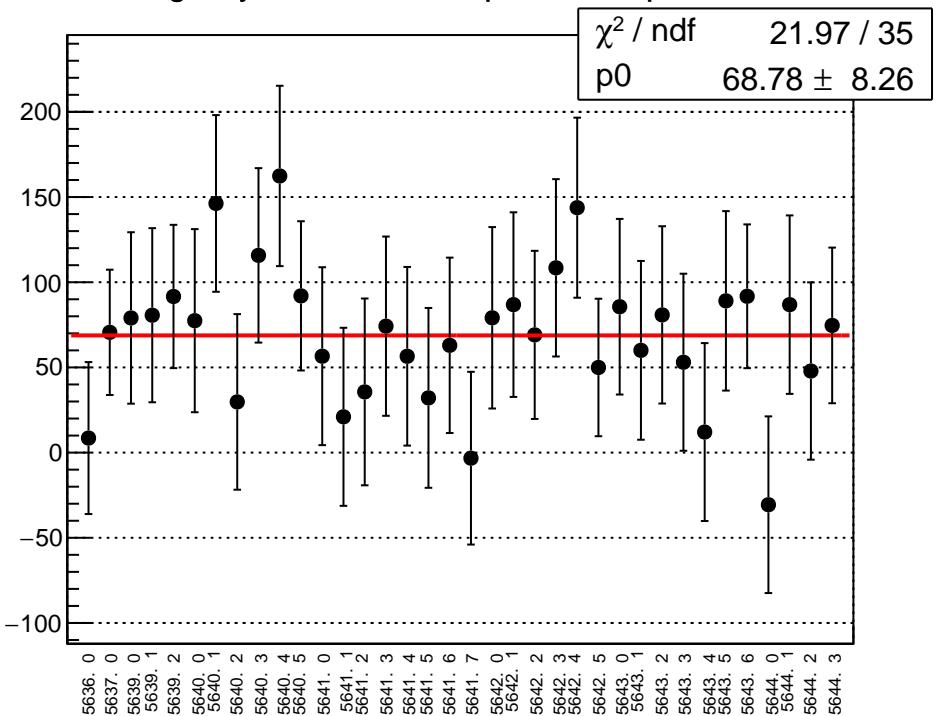
# reg\_asym\_atl\_avg\_diff\_bpm4eY\_slope vs run



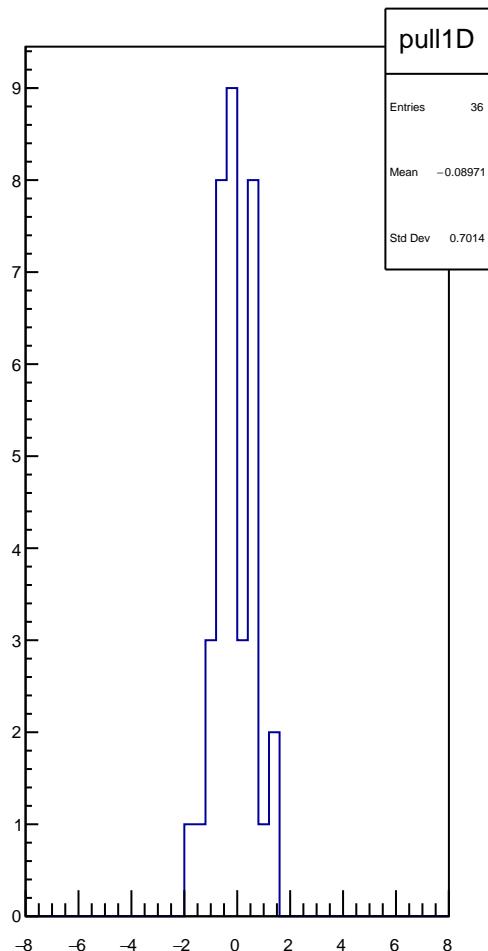
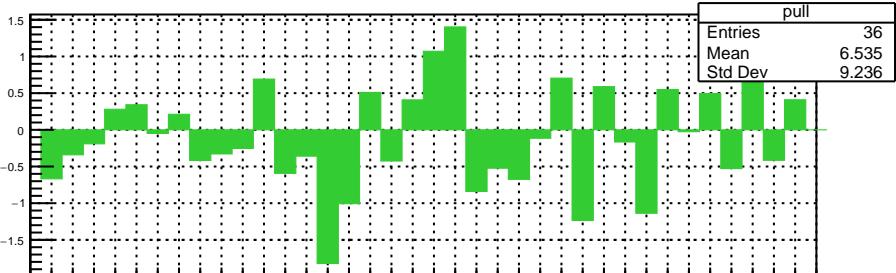
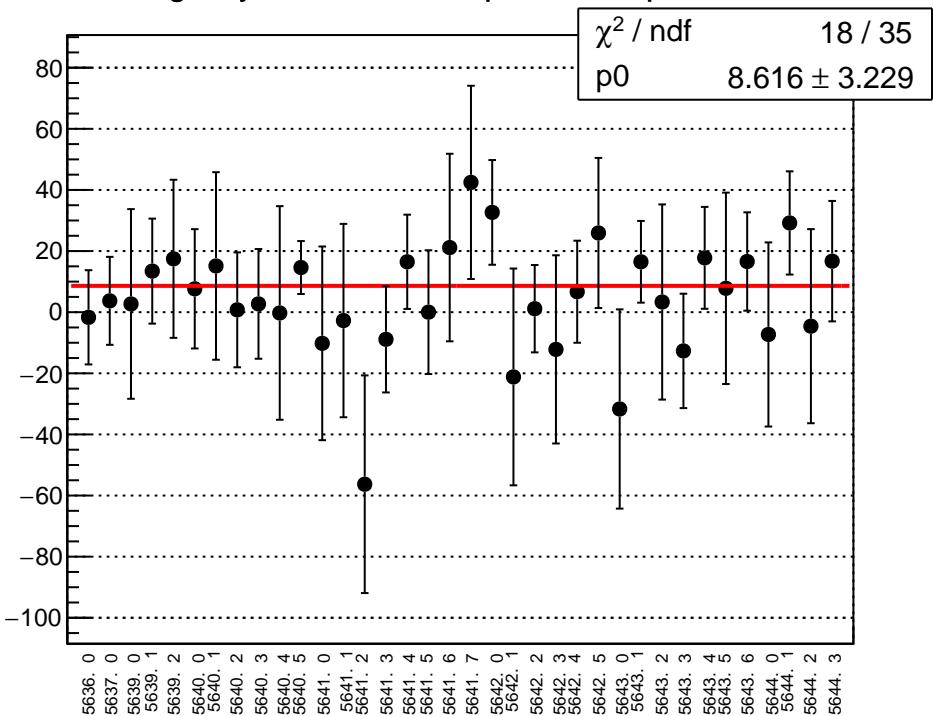
# reg\_asym\_atl\_avg\_diff\_bpm12X\_slope vs run



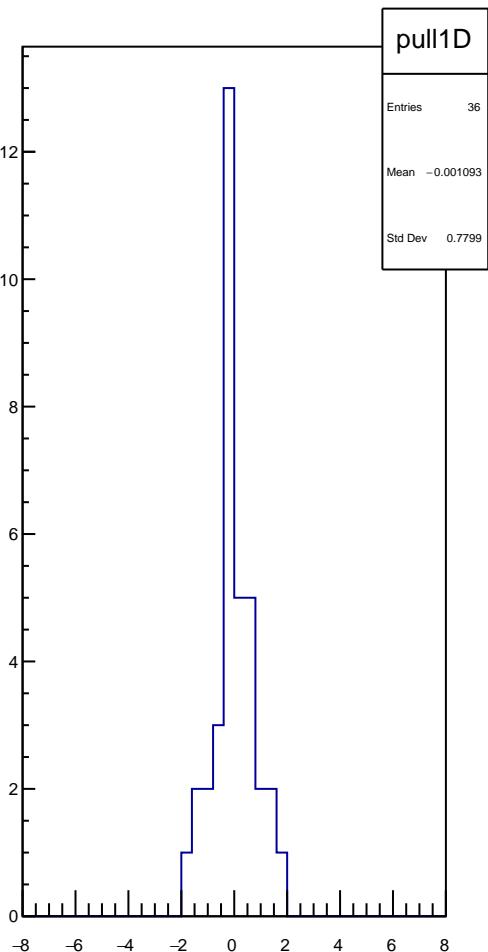
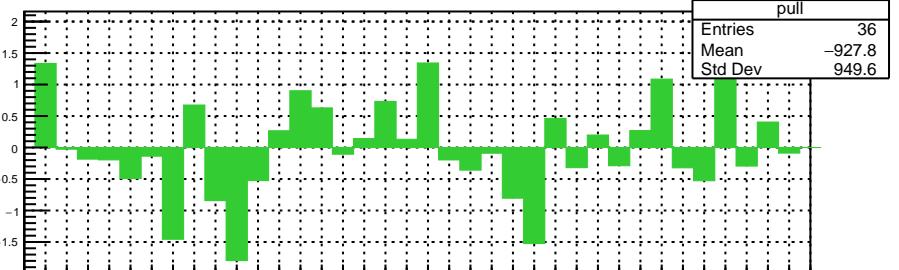
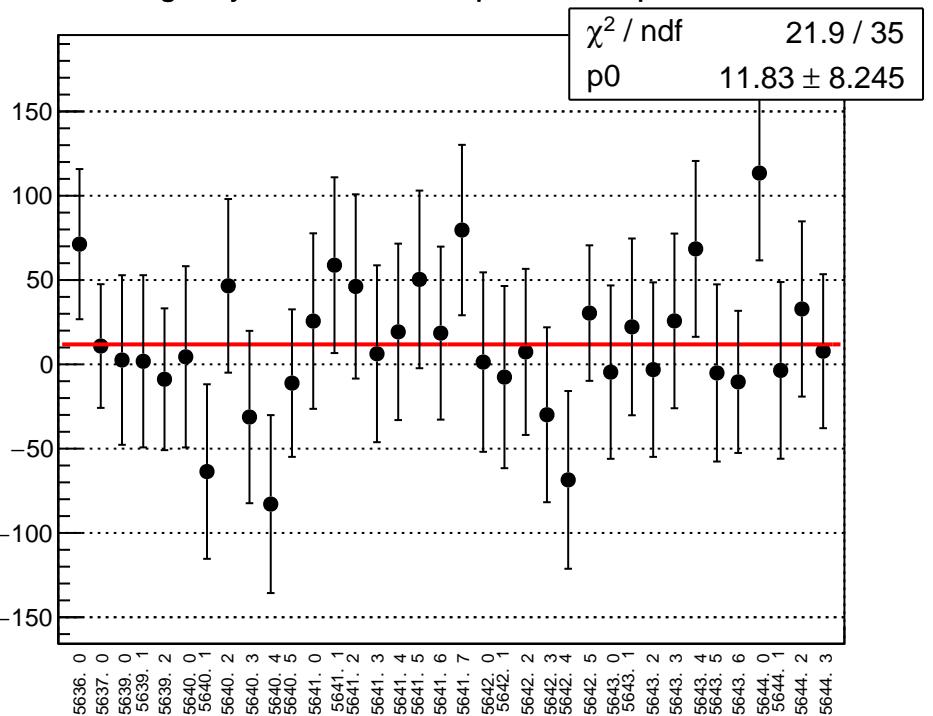
# reg\_asym\_atl\_dd\_diff\_bpm4aX\_slope vs run



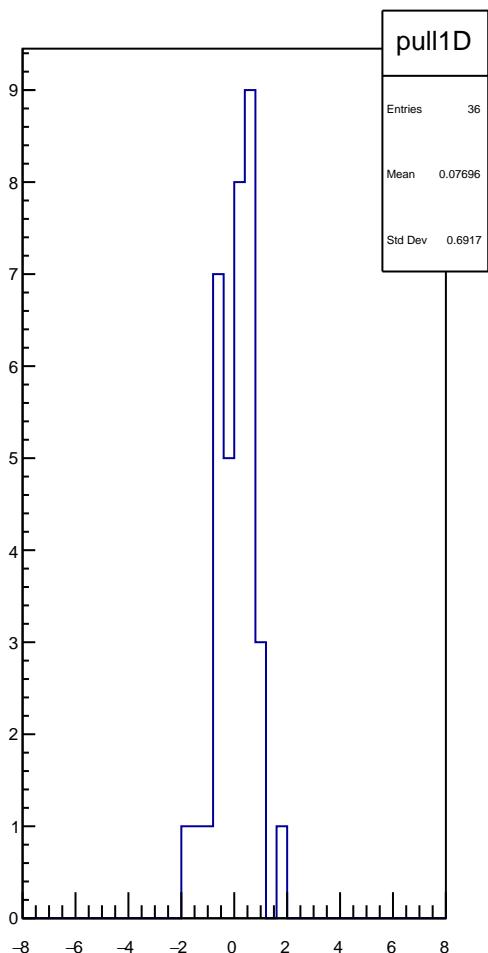
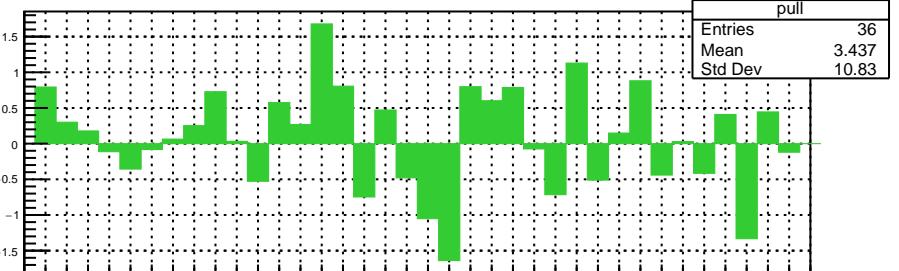
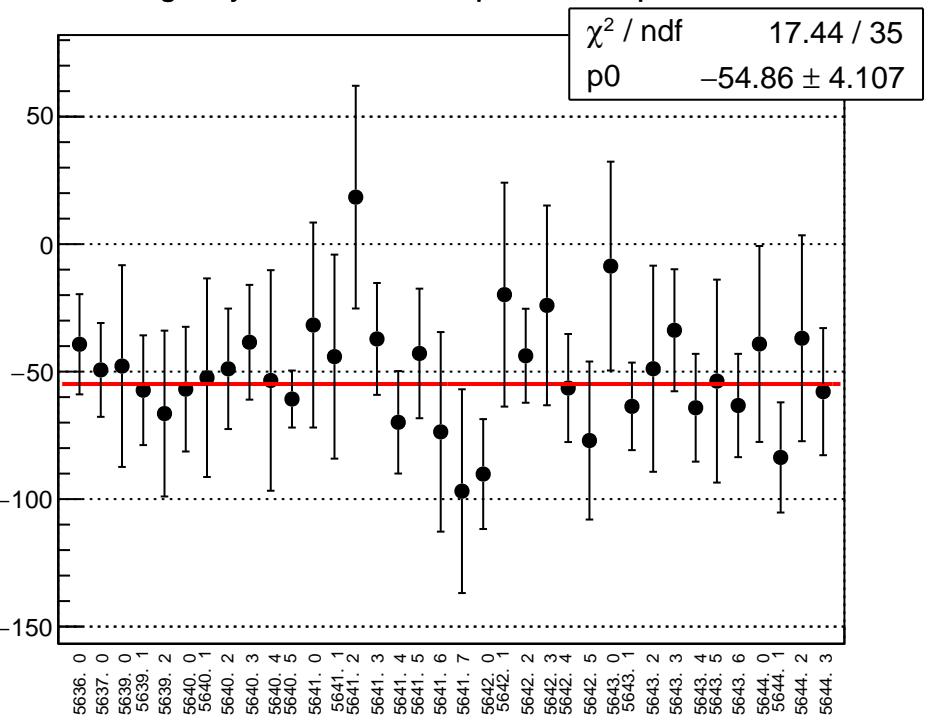
reg\_asym\_atl\_dd\_diff\_bpm4aY\_slope vs run



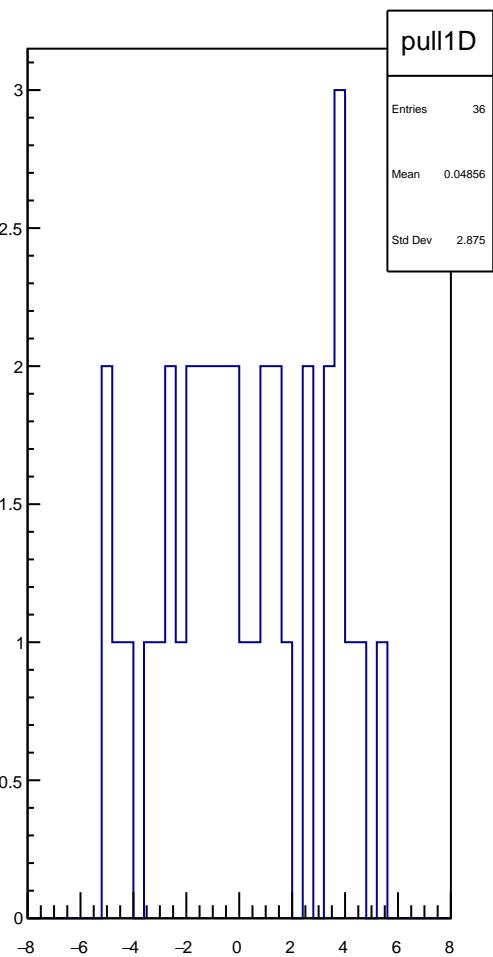
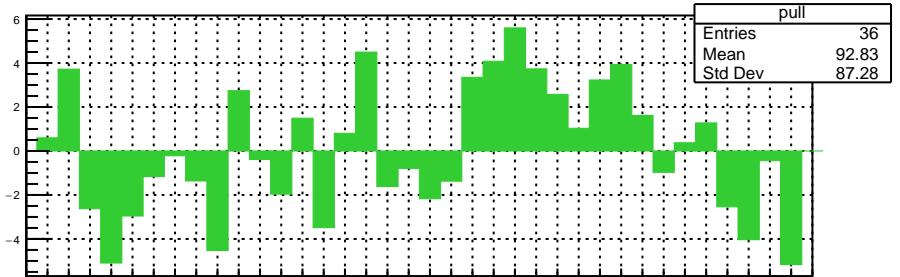
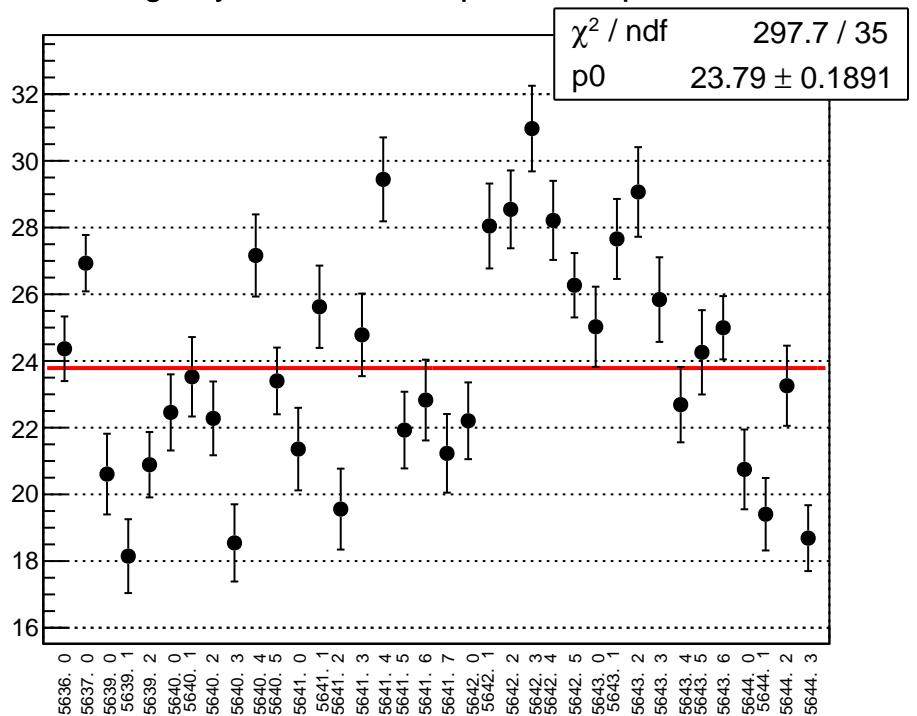
# reg\_asym\_atl\_dd\_diff\_bpm4eX\_slope vs run



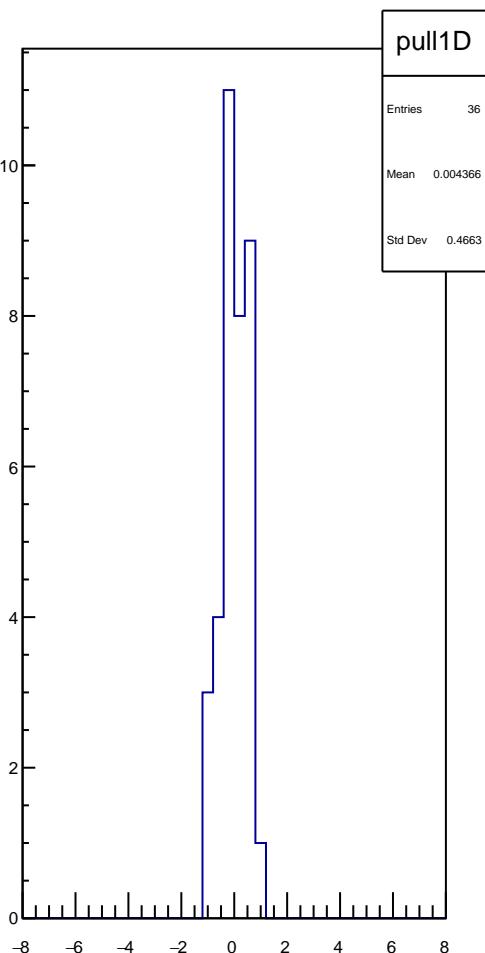
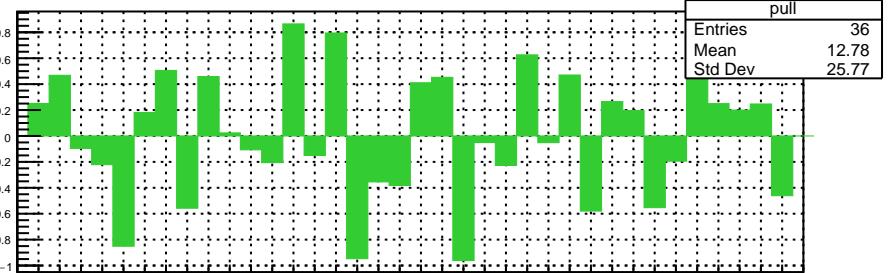
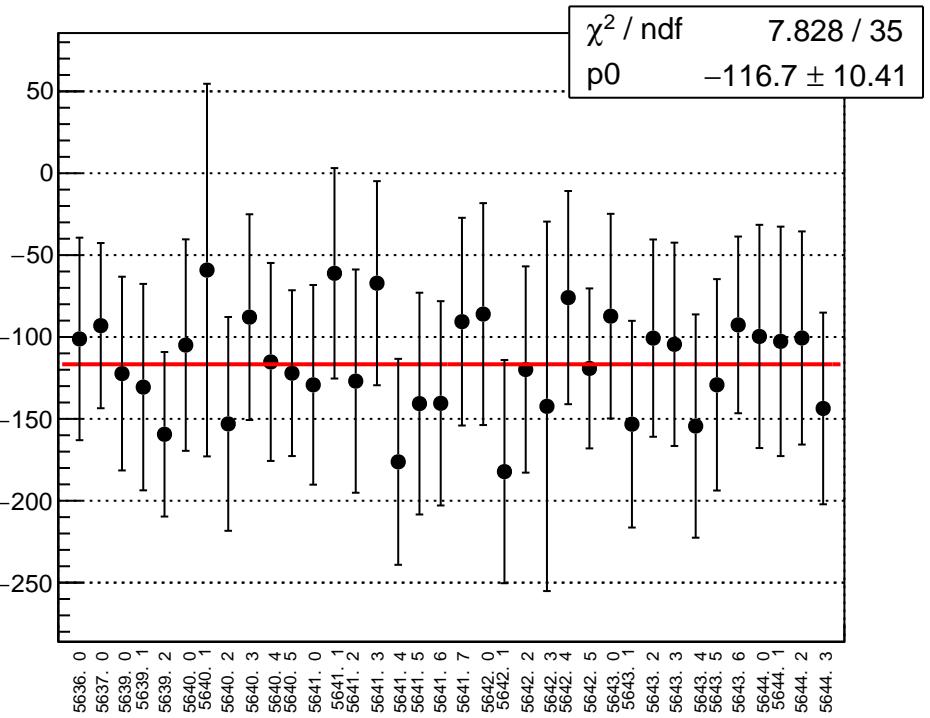
# reg\_asym\_atl\_dd\_diff\_bpm4eY\_slope vs run



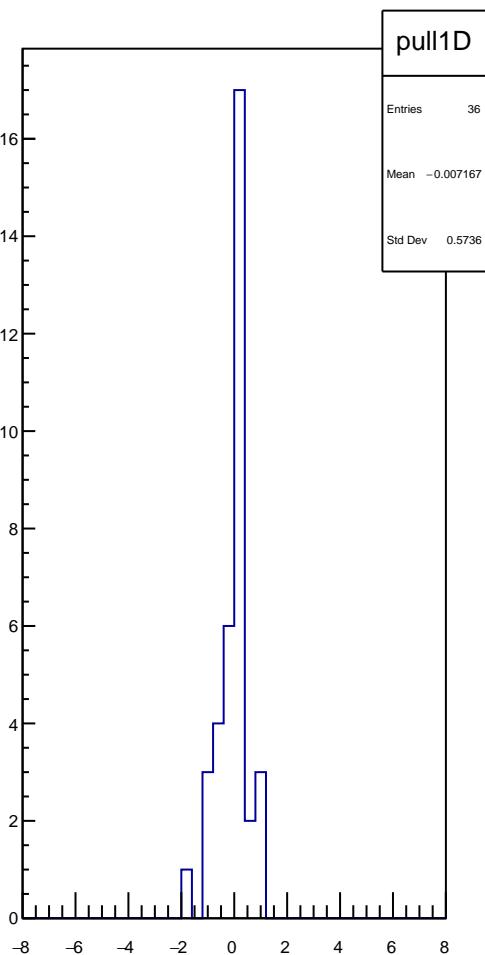
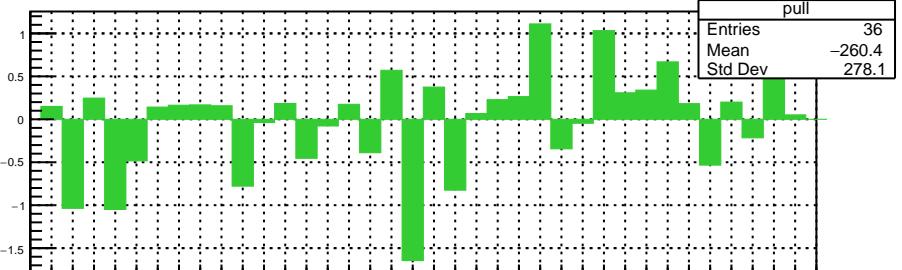
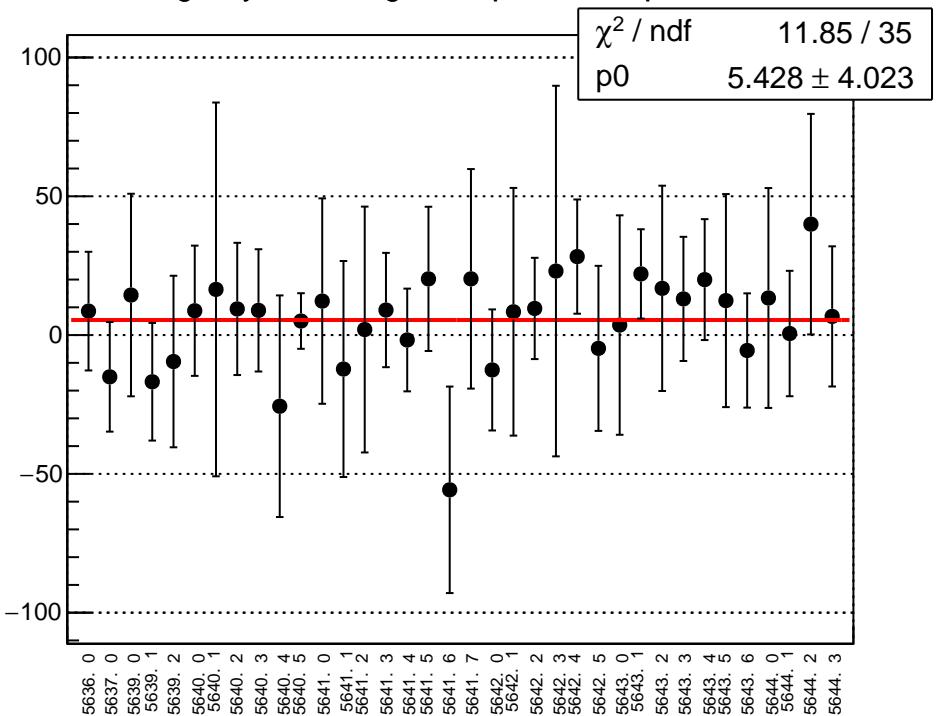
# reg\_asym\_atl\_dd\_diff\_bpm12X\_slope vs run



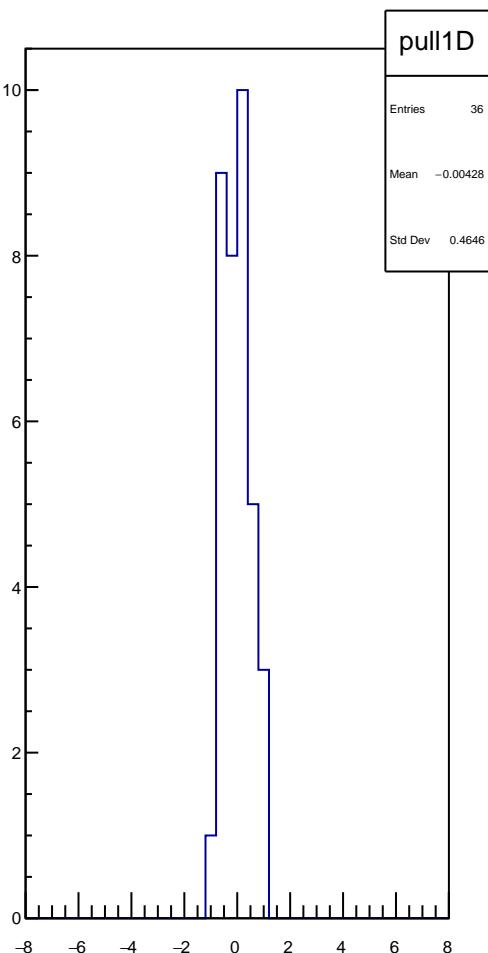
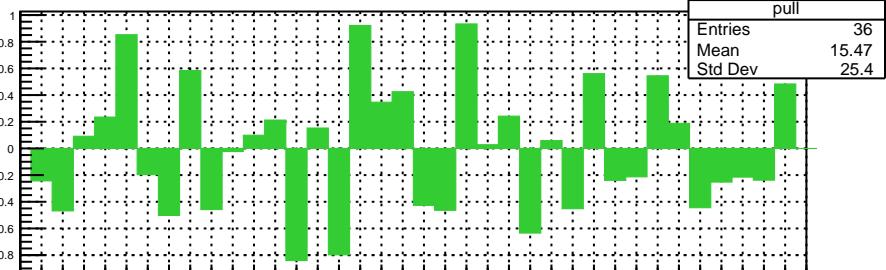
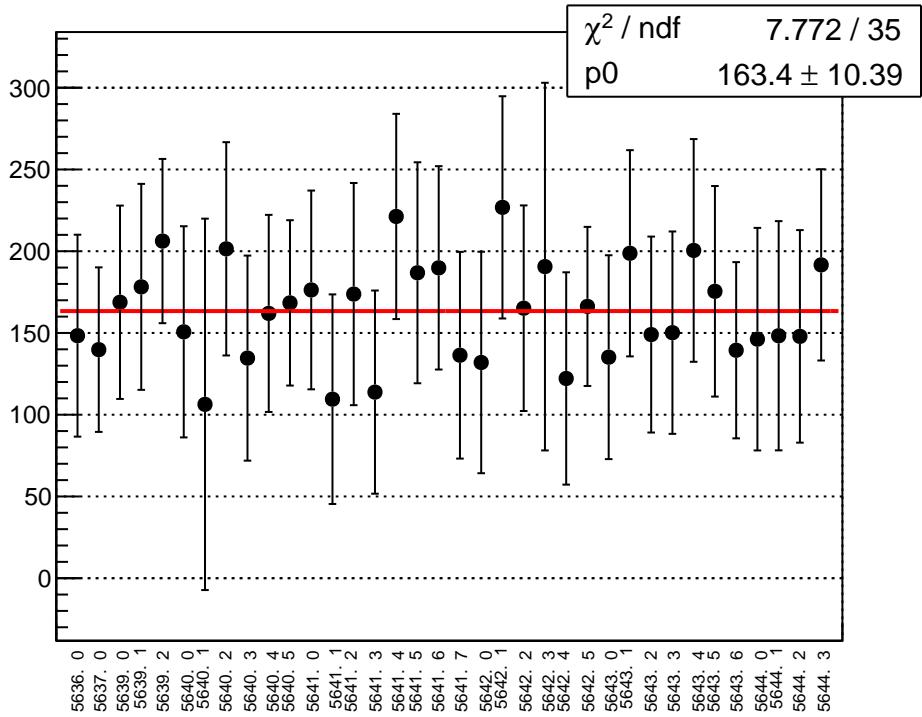
# reg\_asym\_atr\_avg\_diff\_bpm4aX\_slope vs run



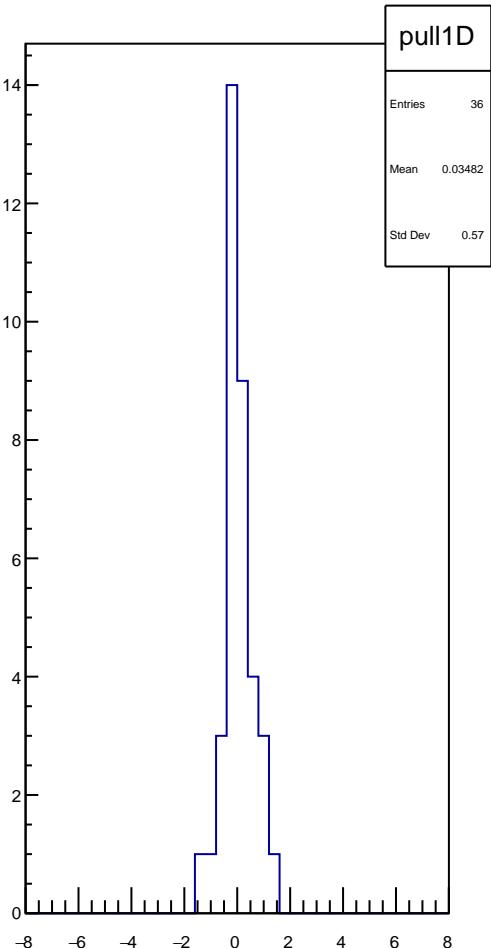
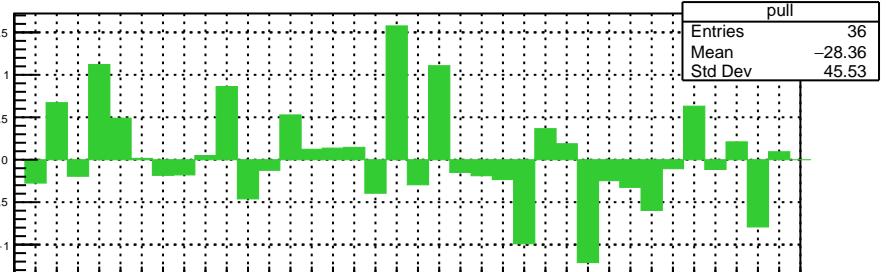
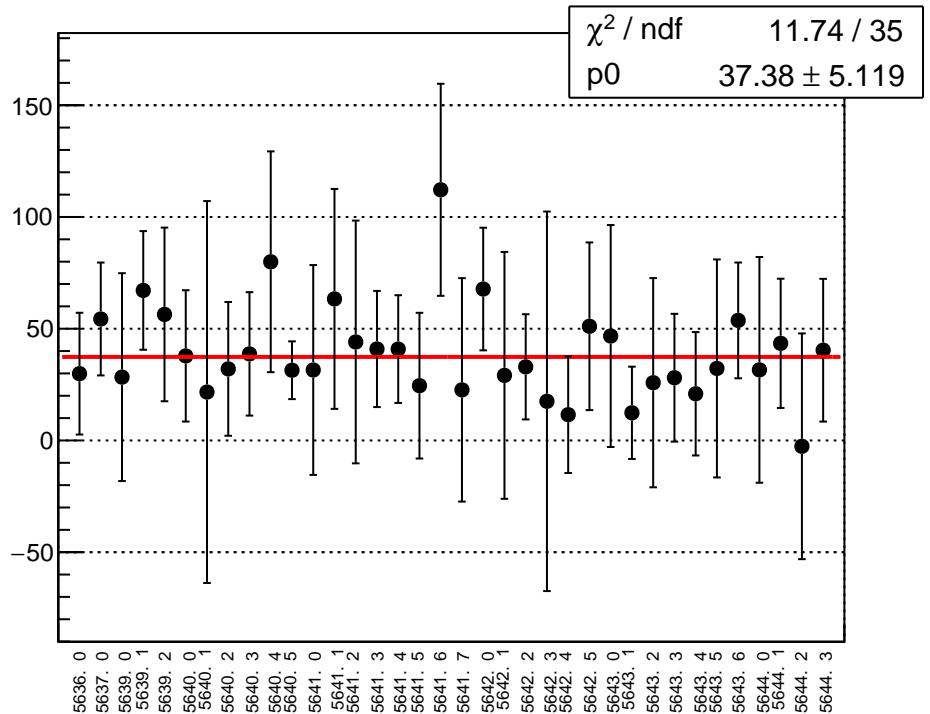
# reg\_asym\_atr\_avg\_diff\_bpm4aY\_slope vs run



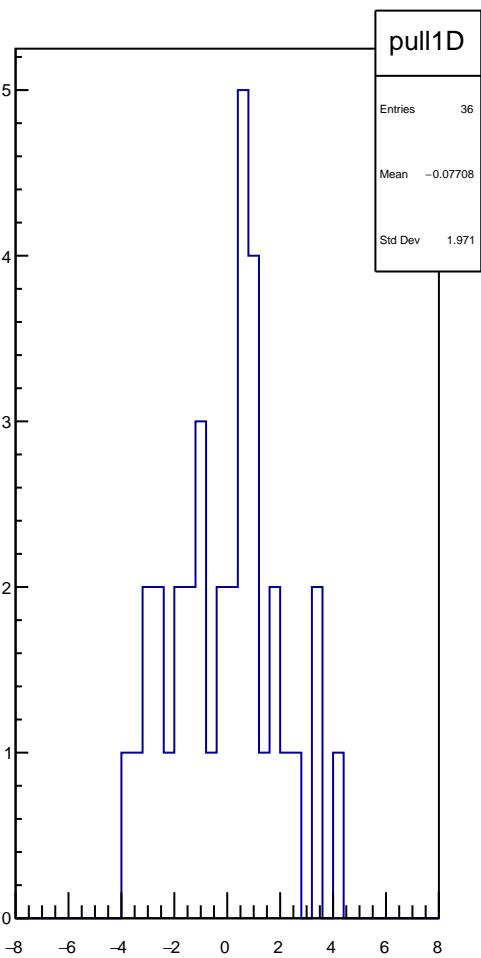
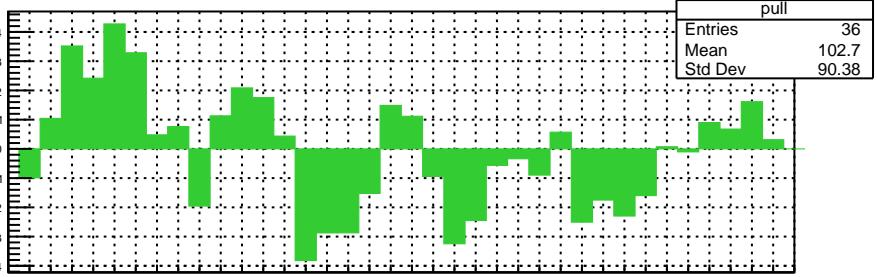
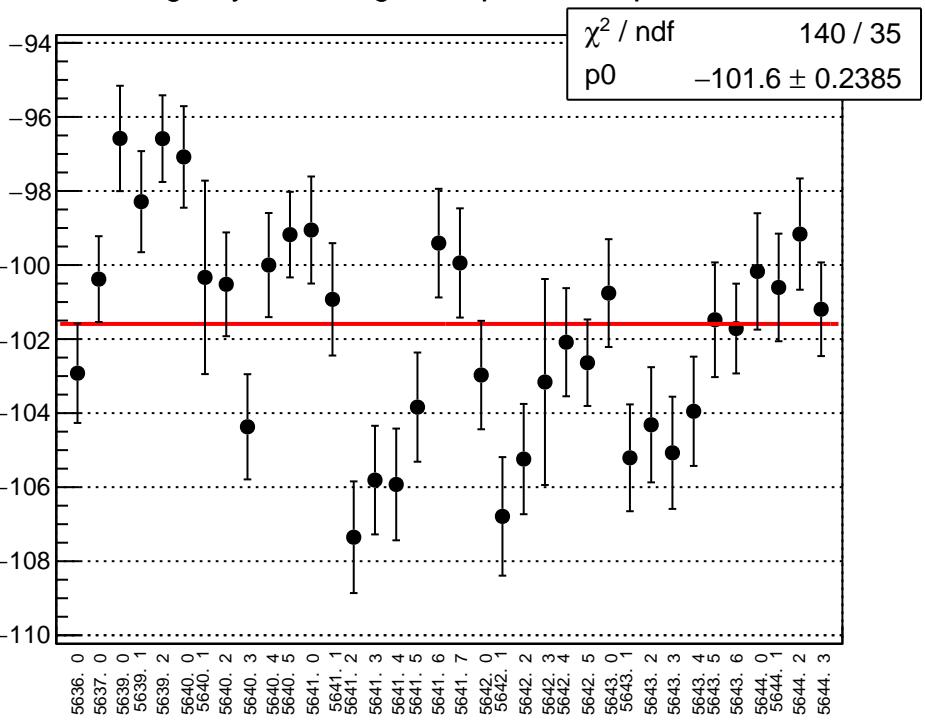
# reg\_asym\_atr\_avg\_diff\_bpm4eX\_slope vs run



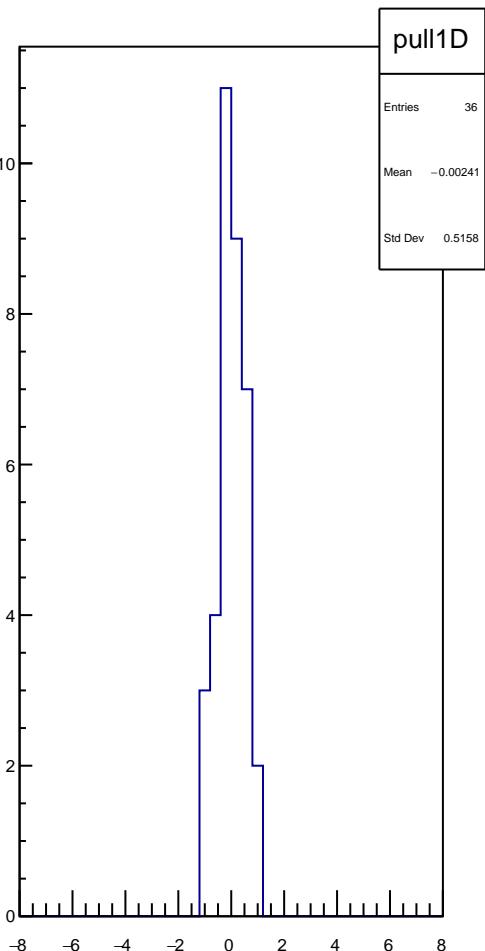
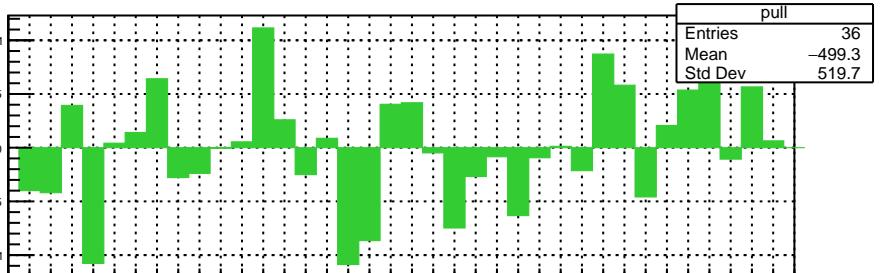
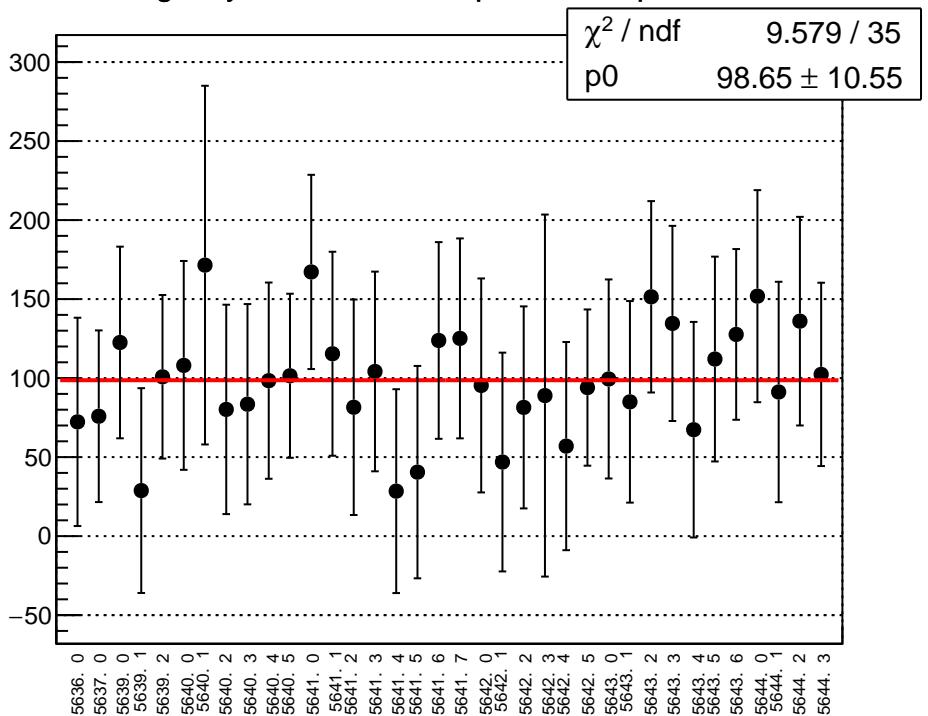
# reg\_asym\_atr\_avg\_diff\_bpm4eY\_slope vs run



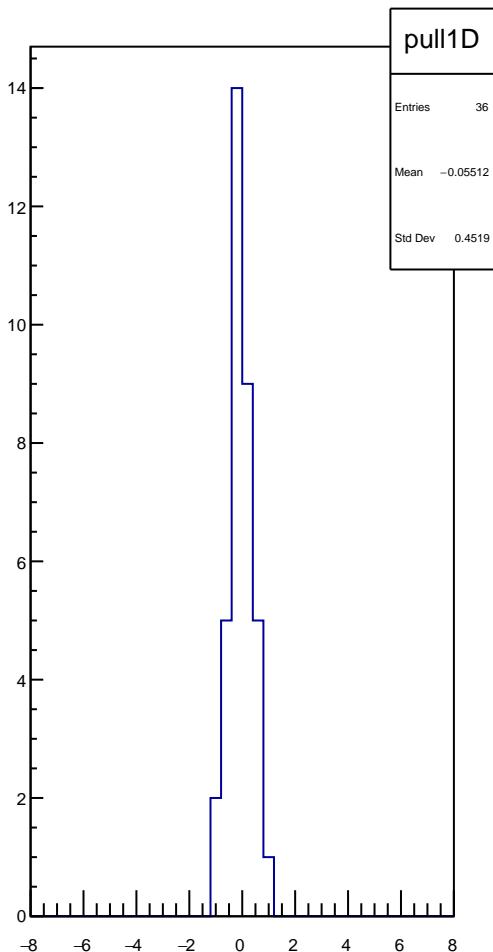
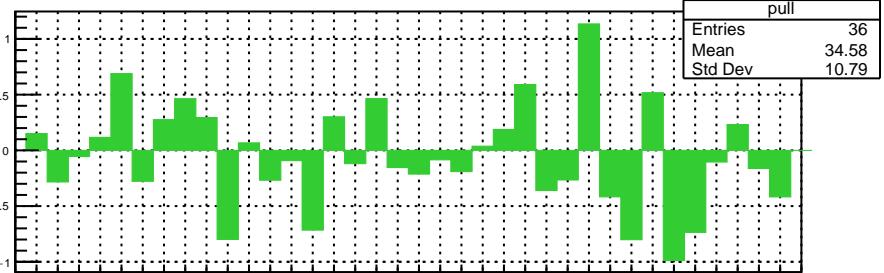
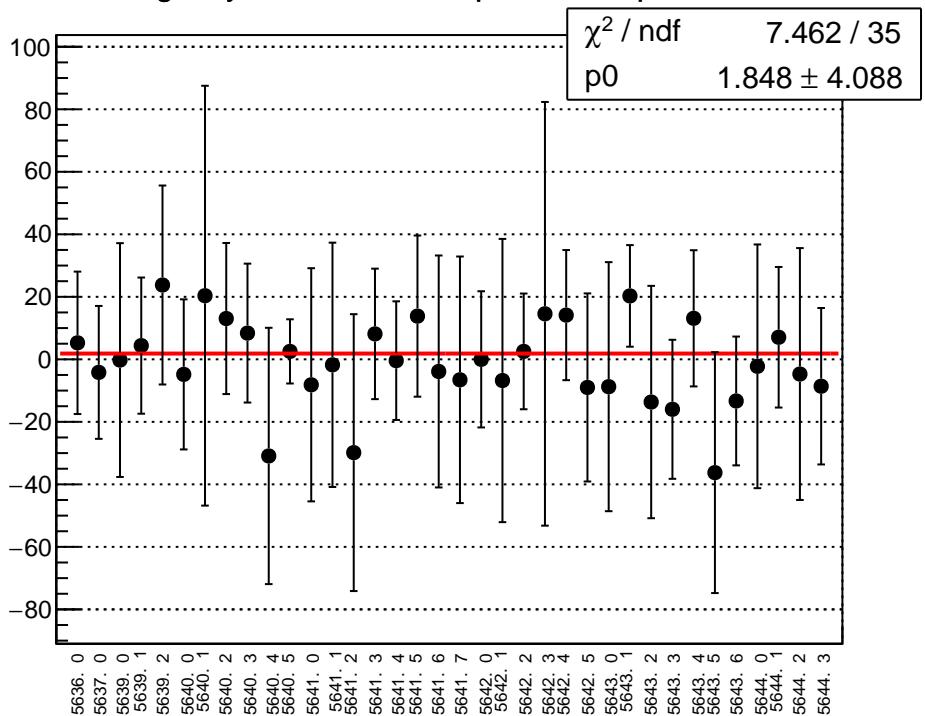
# reg\_asym\_atr\_avg\_diff\_bpm12X\_slope vs run



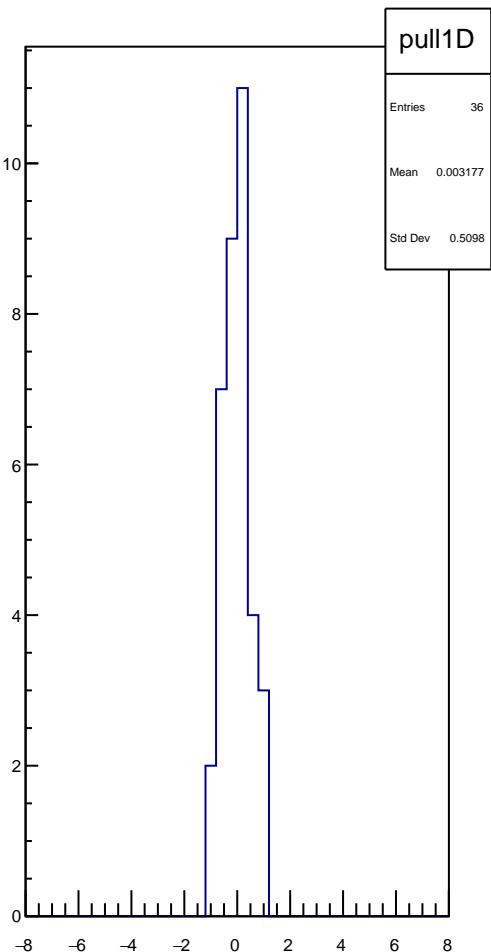
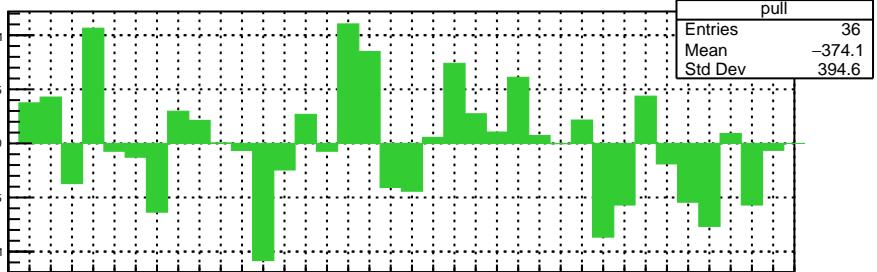
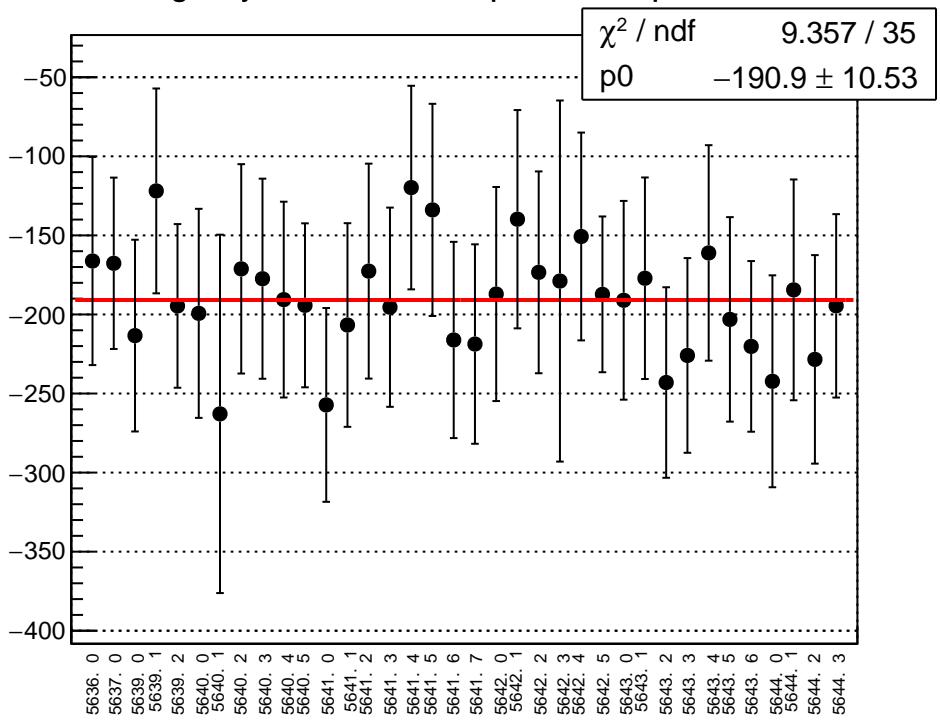
# reg\_asym\_atr\_dd\_diff\_bpm4aX\_slope vs run



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



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



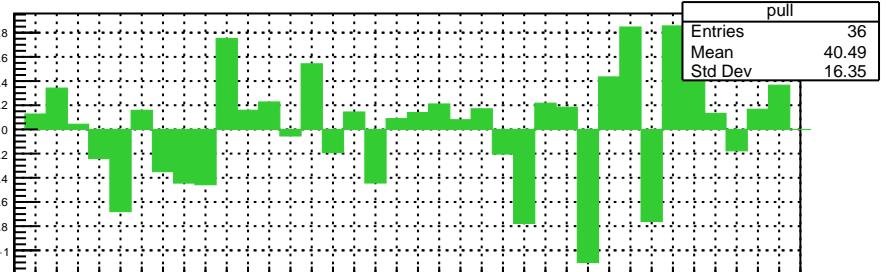
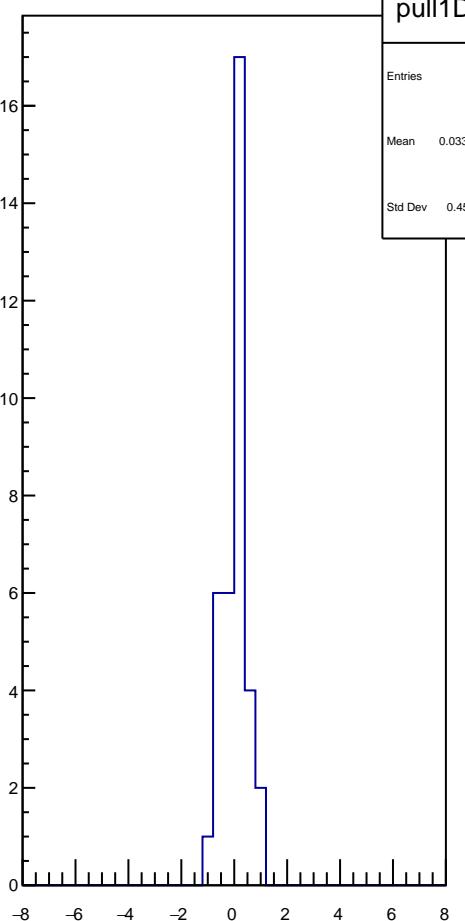
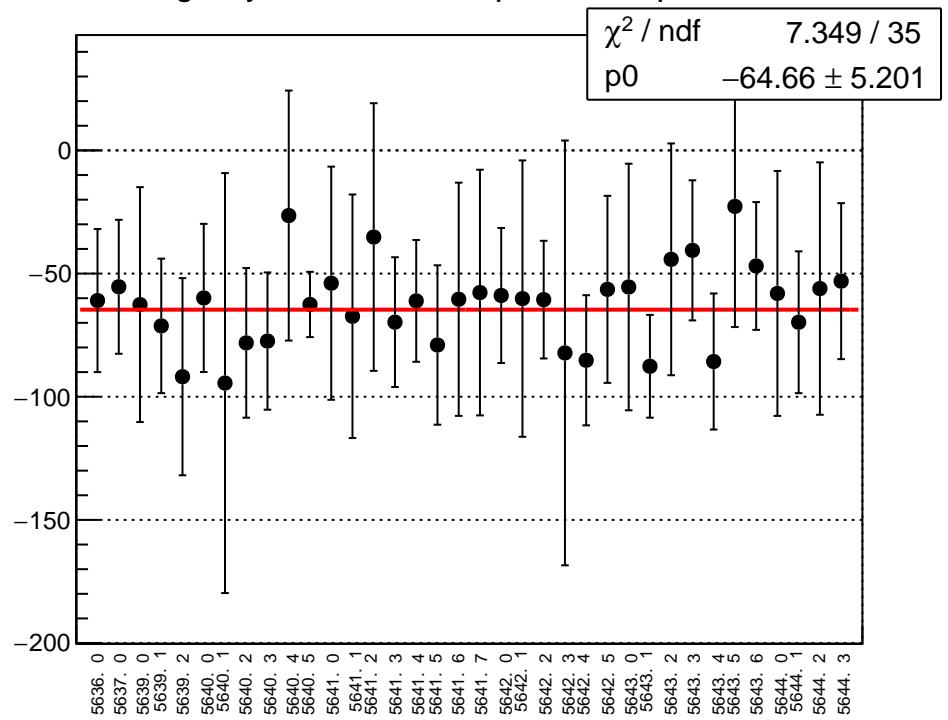
reg\_asym\_atr\_dd\_diff\_bpm4eY\_slope vs run

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

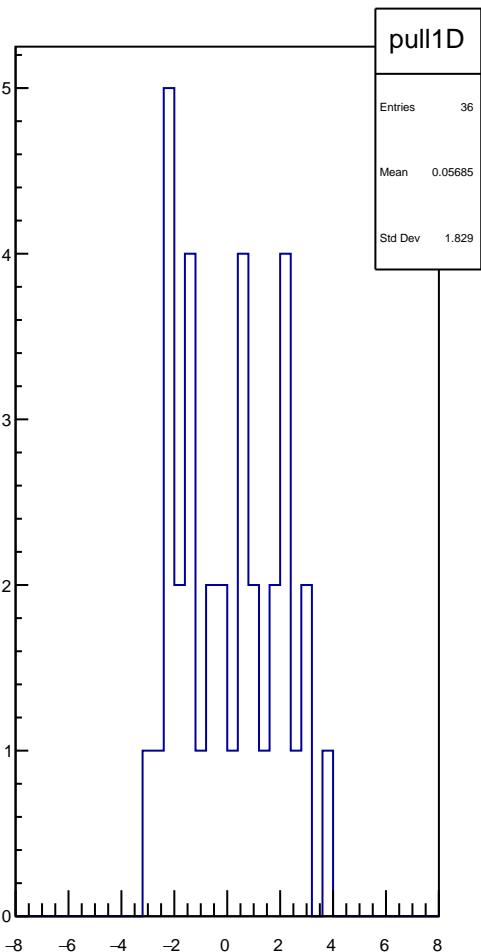
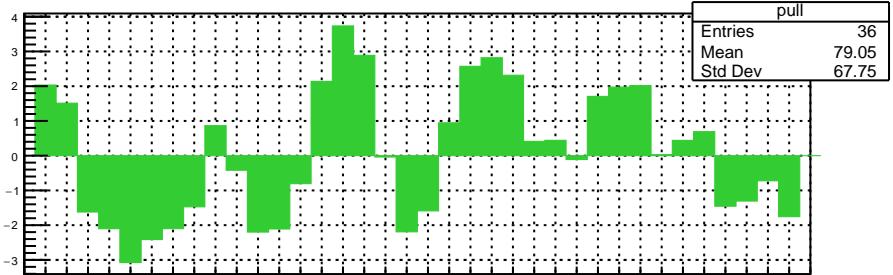
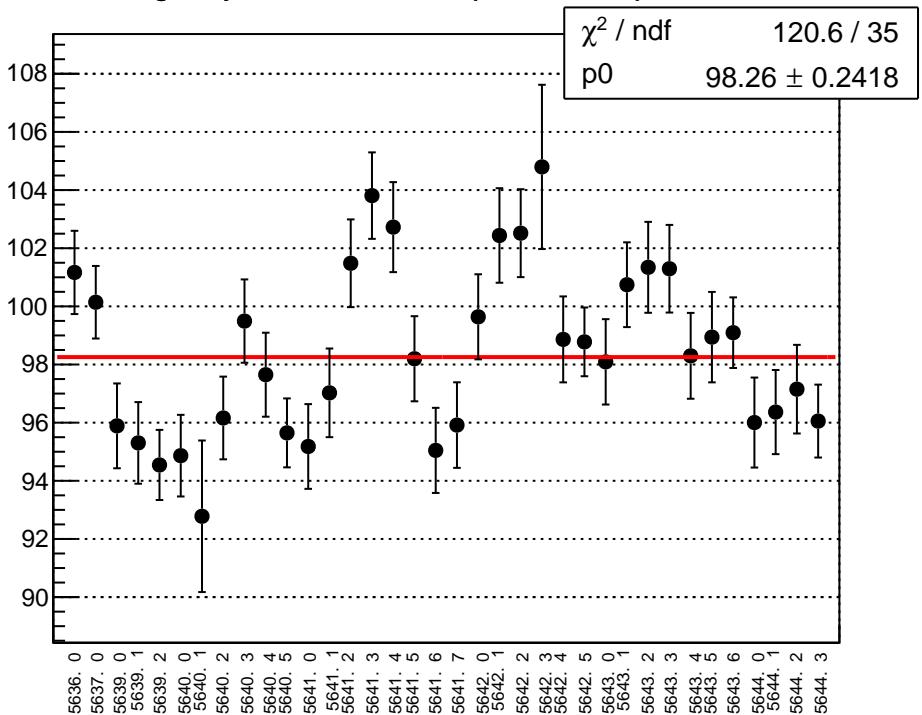
7.349 / 35

p0

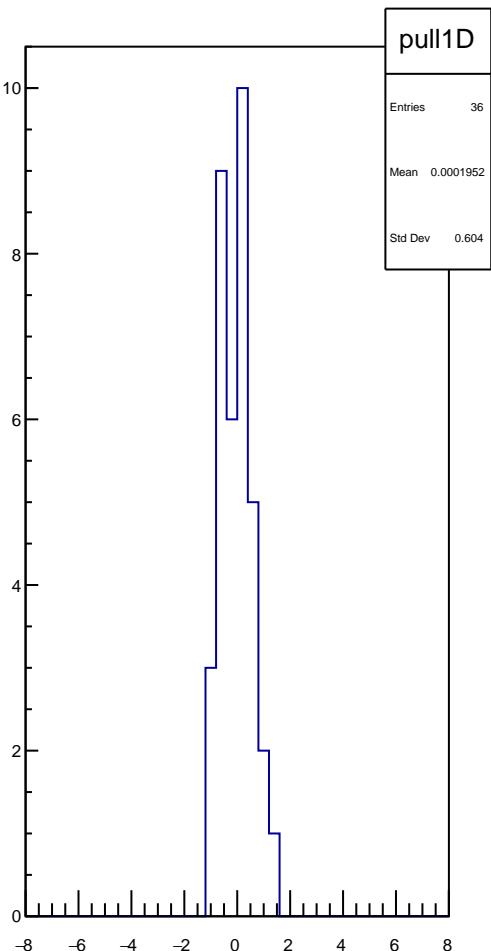
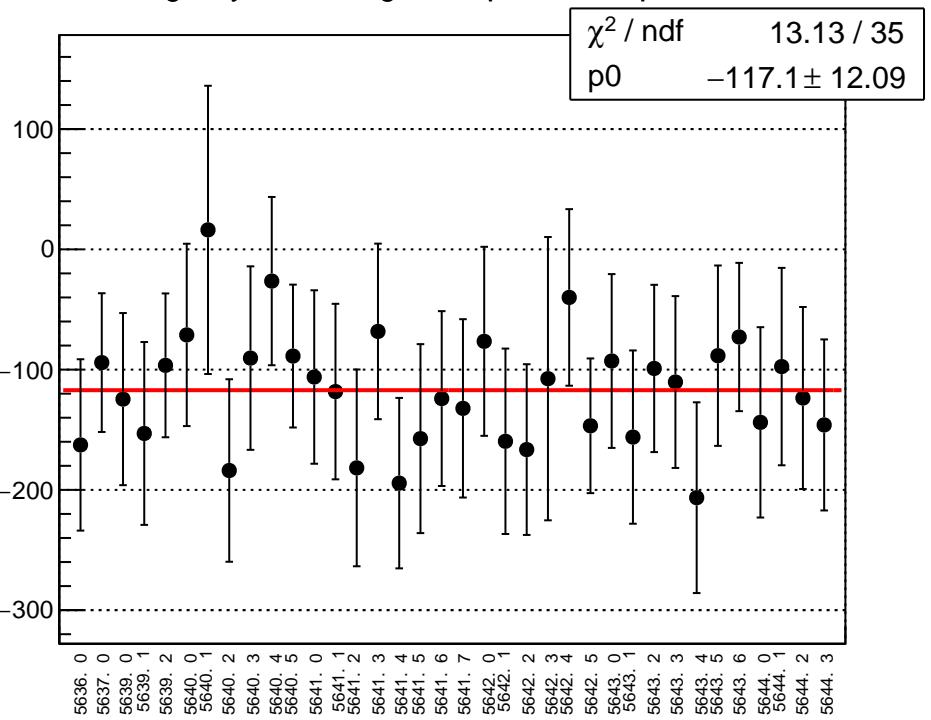
$-64.66 \pm 5.201$



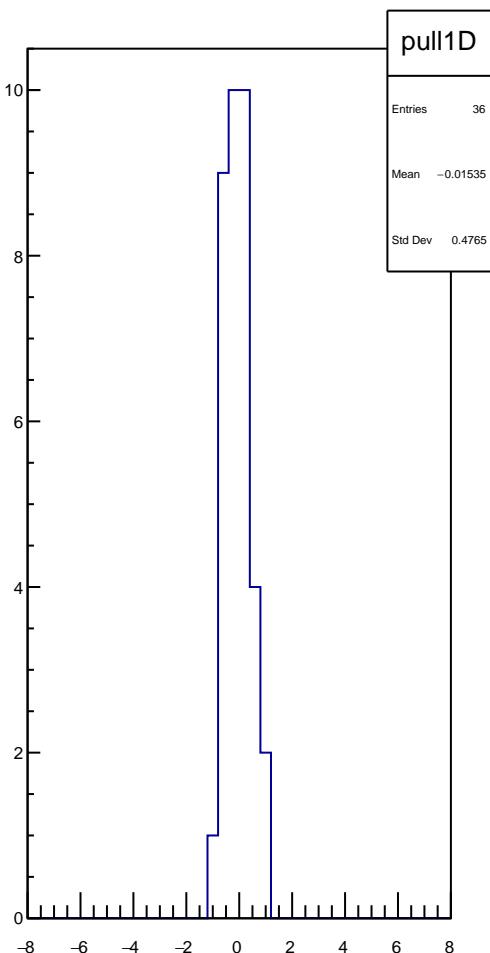
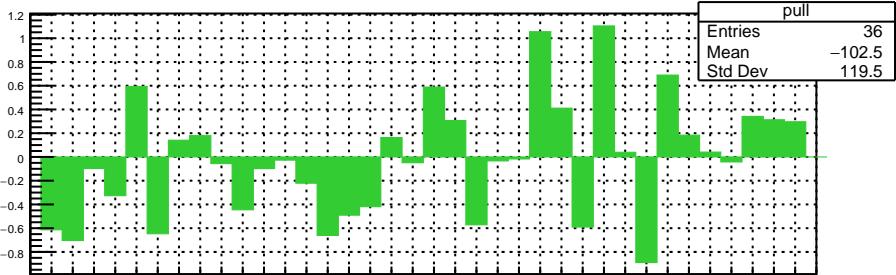
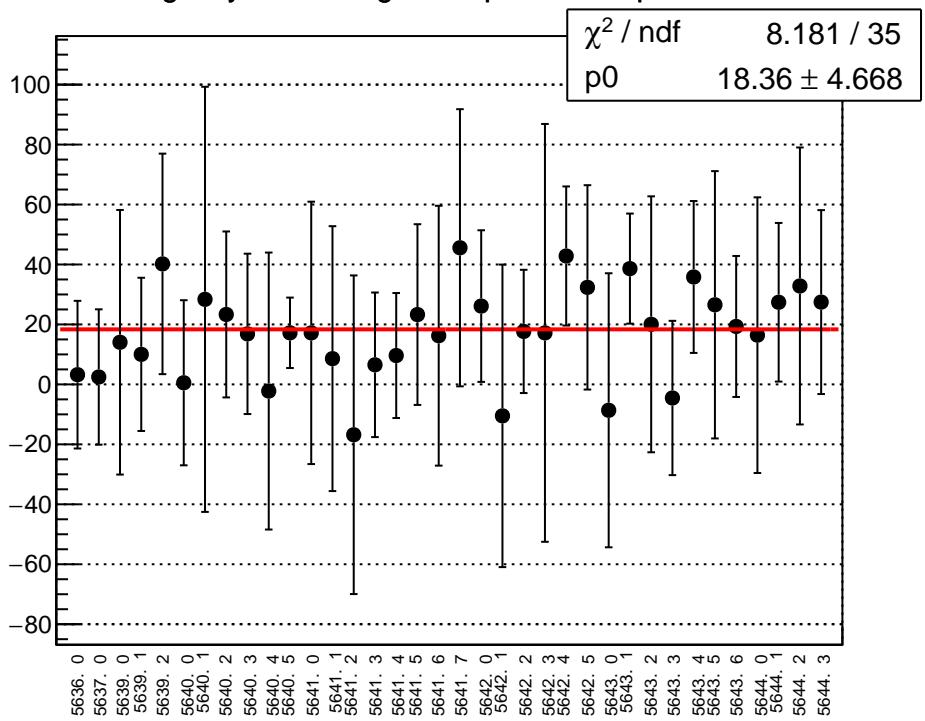
# reg\_asym\_atr\_dd\_diff\_bpm12X\_slope vs run



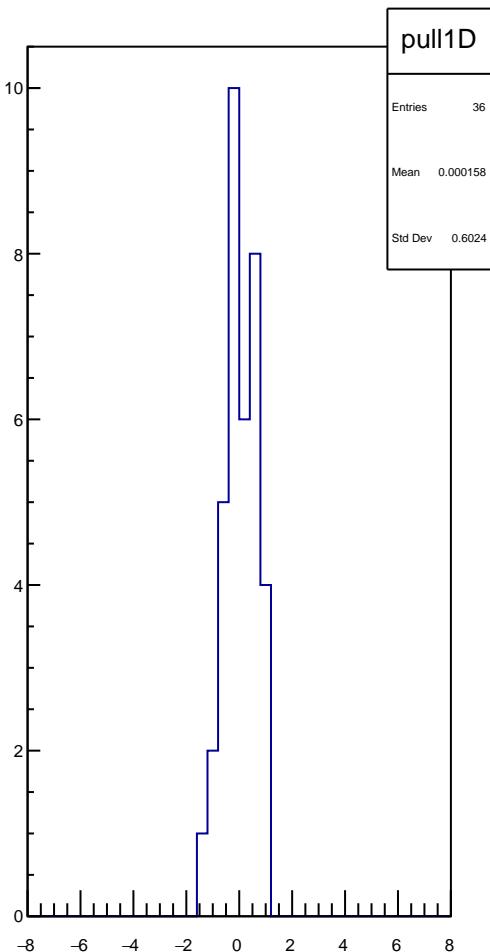
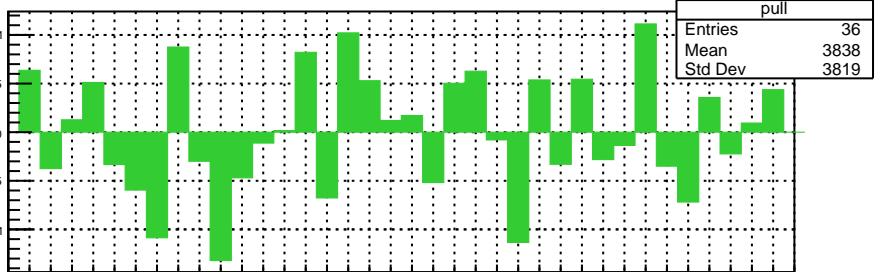
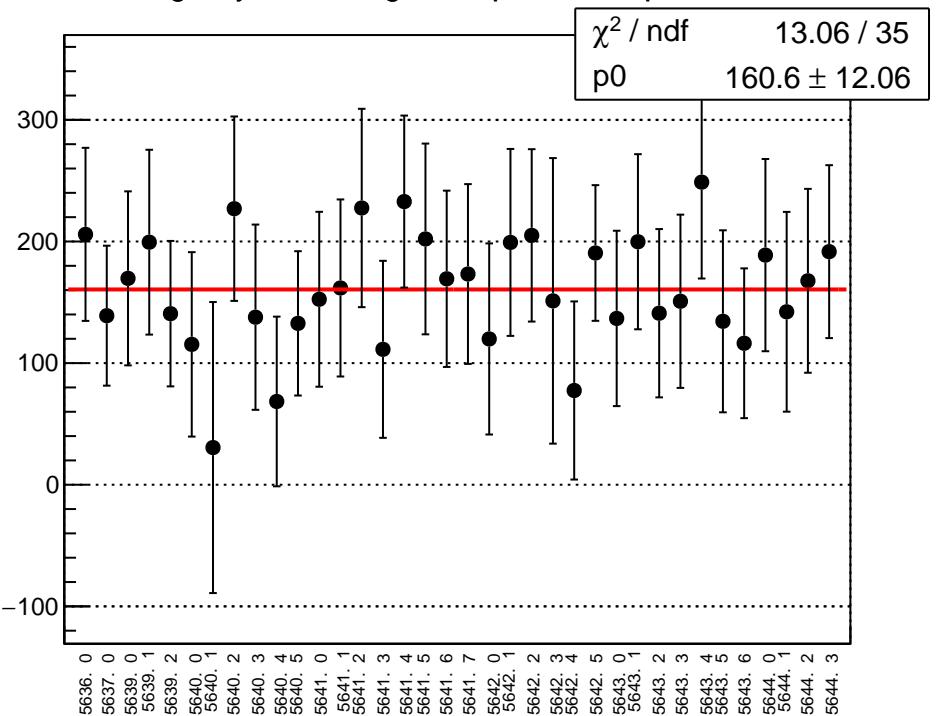
# reg\_asym\_at1\_avg\_diff\_bpm4aX\_slope vs run



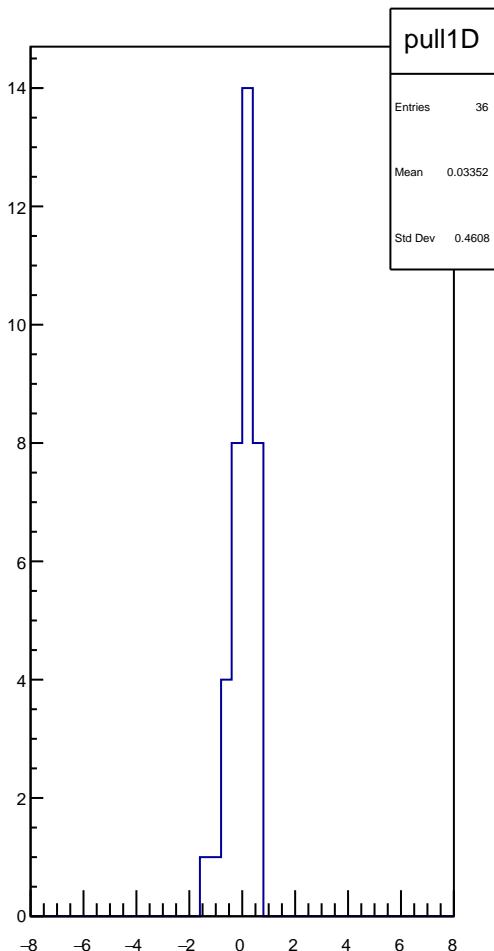
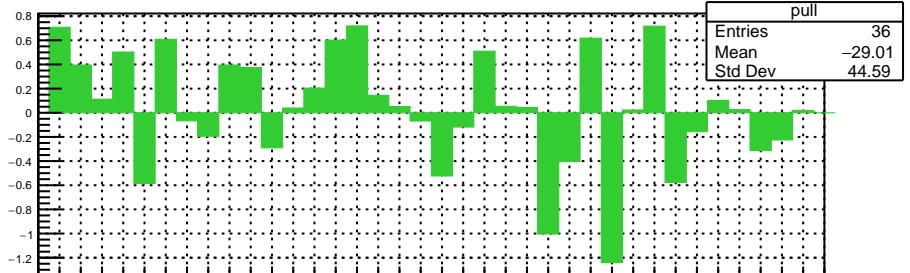
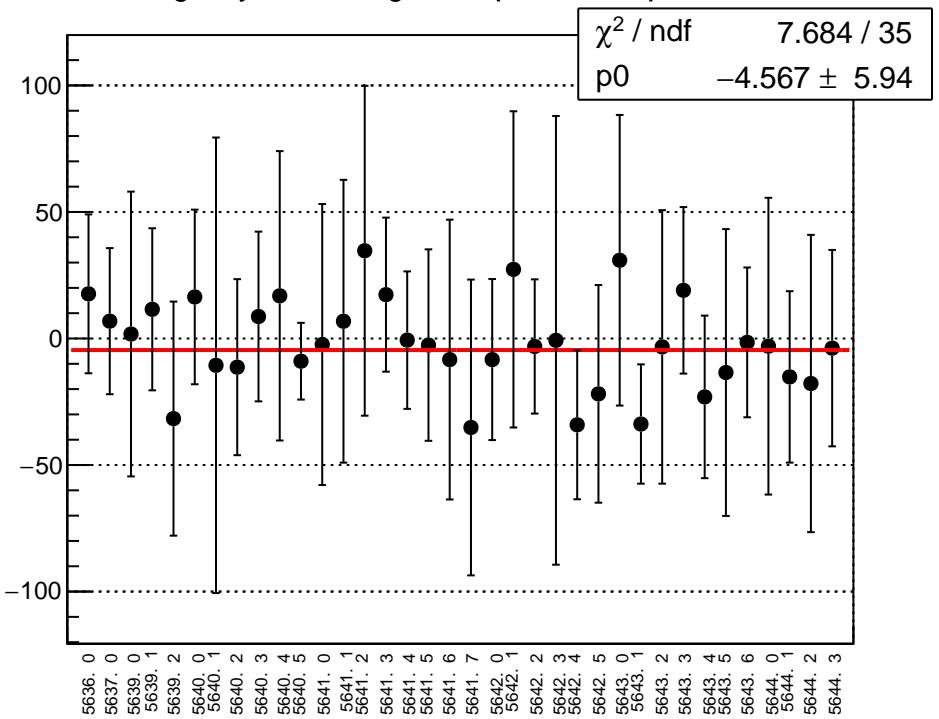
# reg\_asym\_at1\_avg\_diff\_bpm4aY\_slope vs run



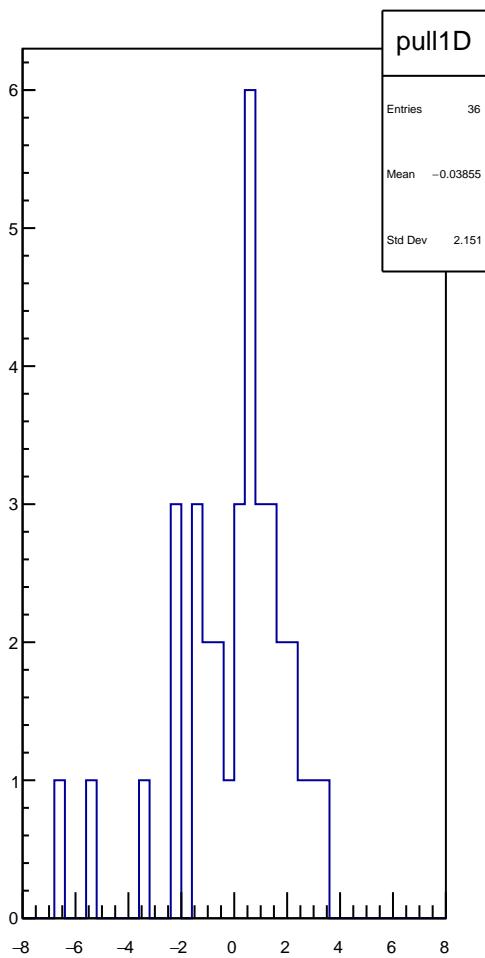
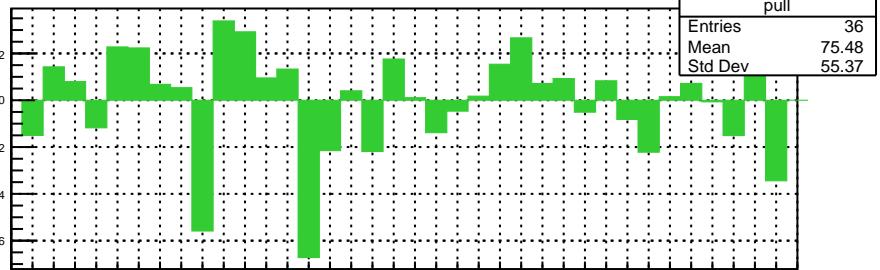
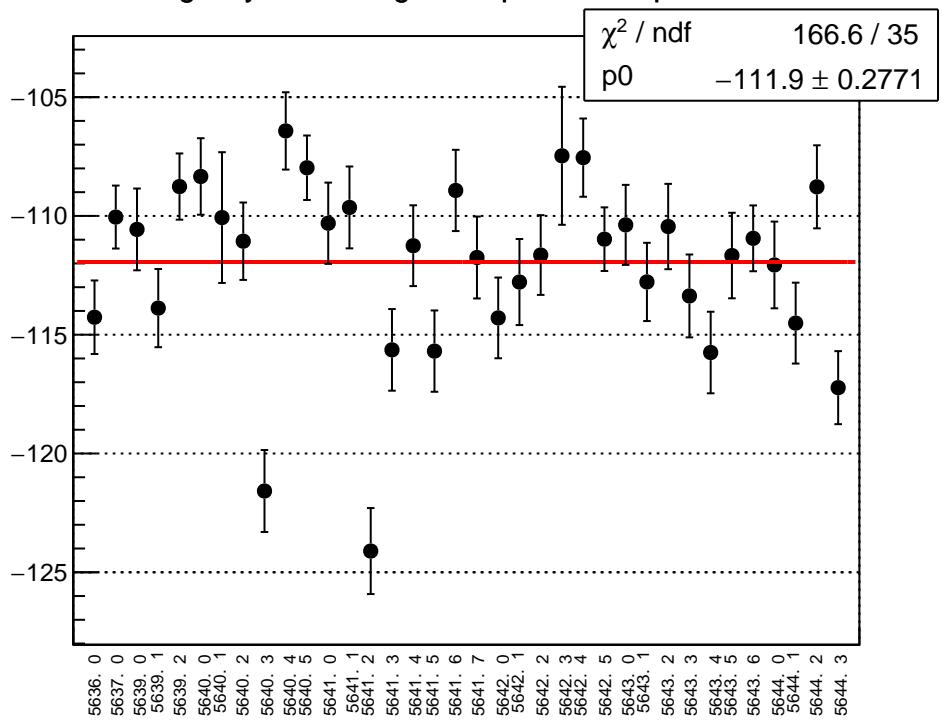
# reg\_asym\_at1\_avg\_diff\_bpm4eX\_slope vs run



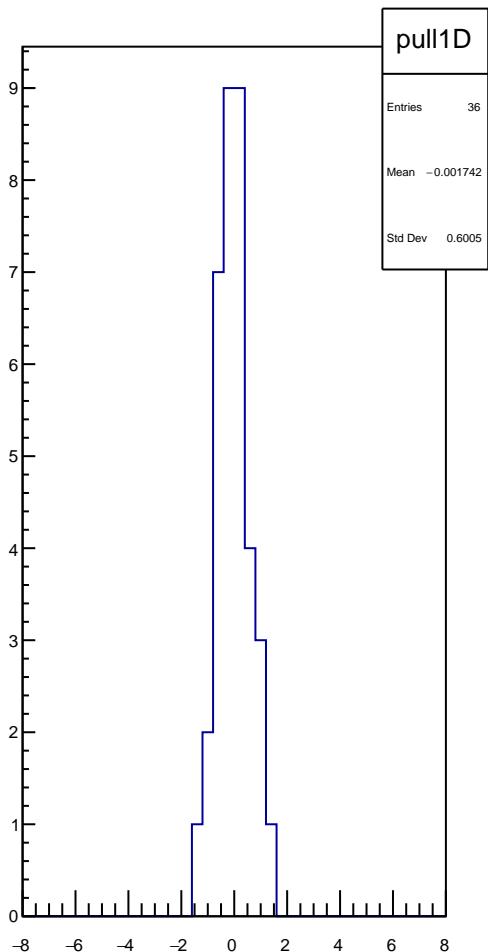
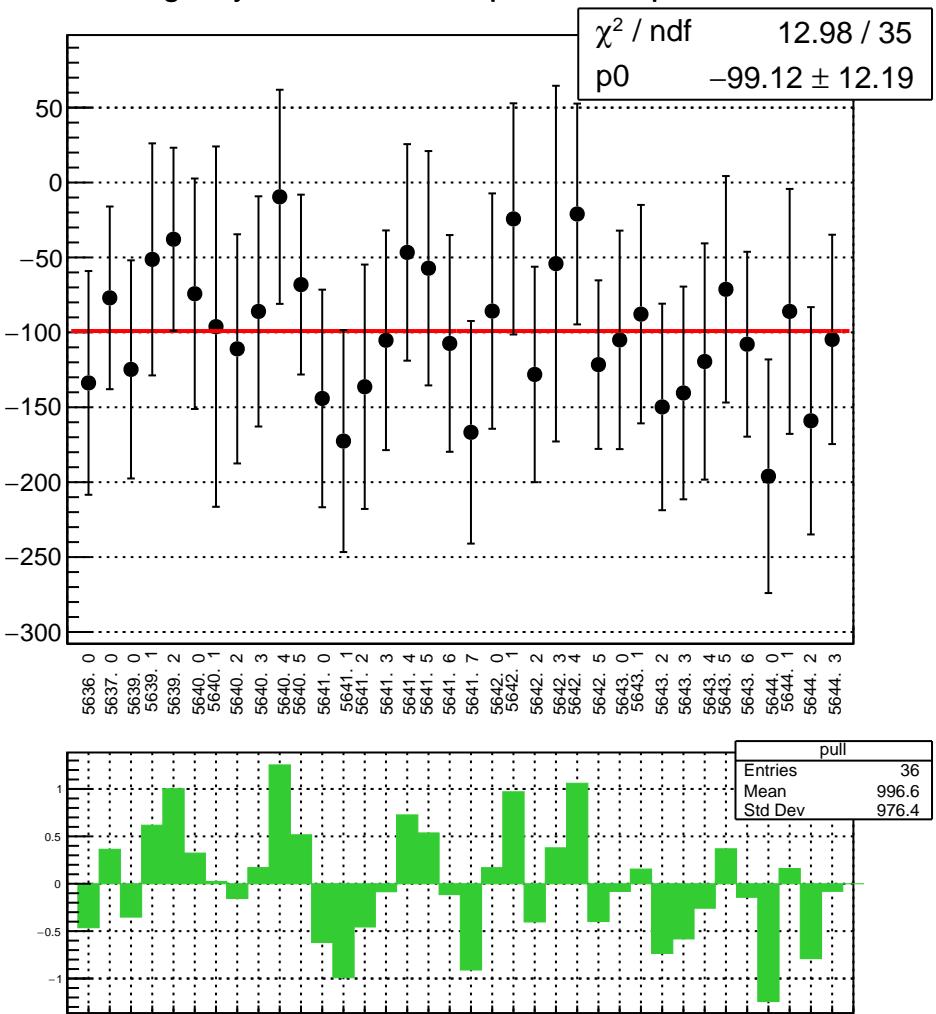
# reg\_asym\_at1\_avg\_diff\_bpm4eY\_slope vs run



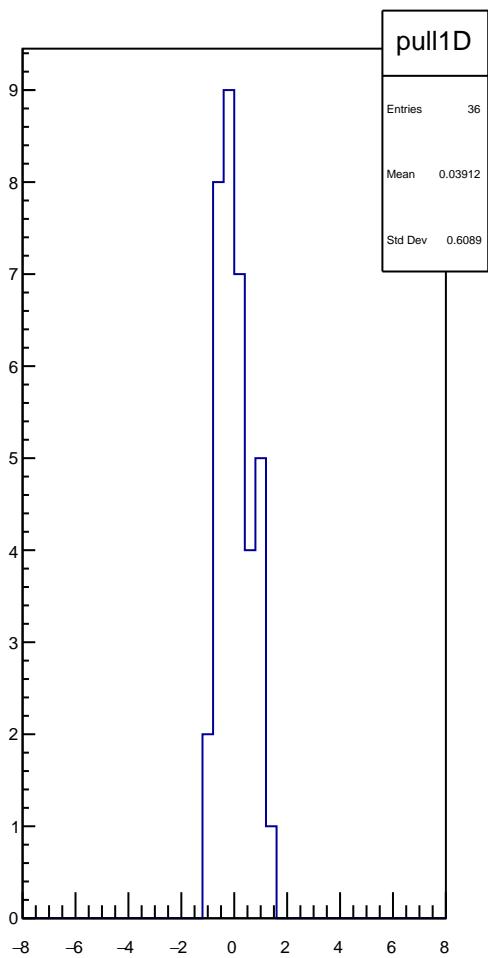
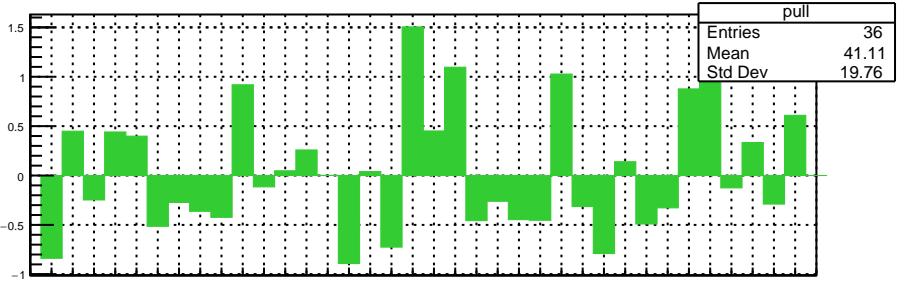
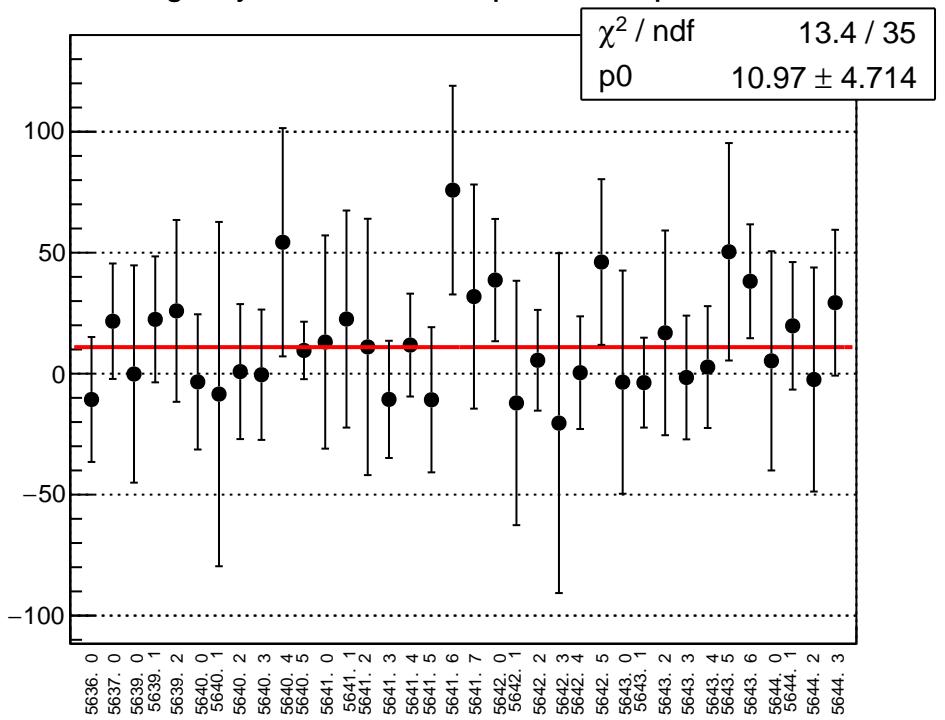
# reg\_asym\_at1\_avg\_diff\_bpm12X\_slope vs run



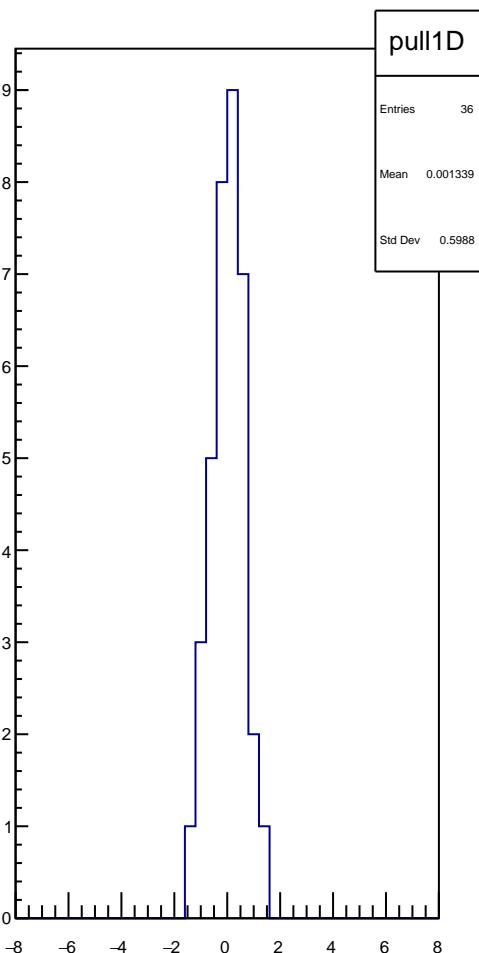
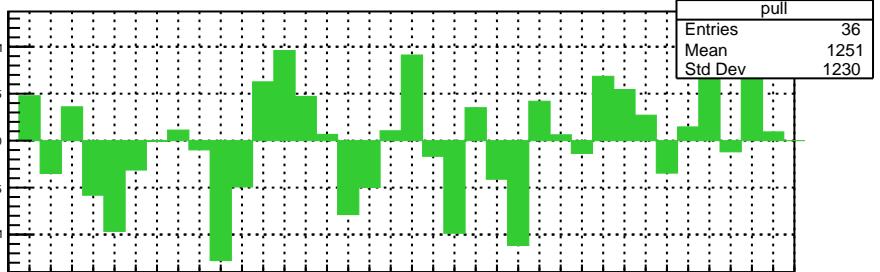
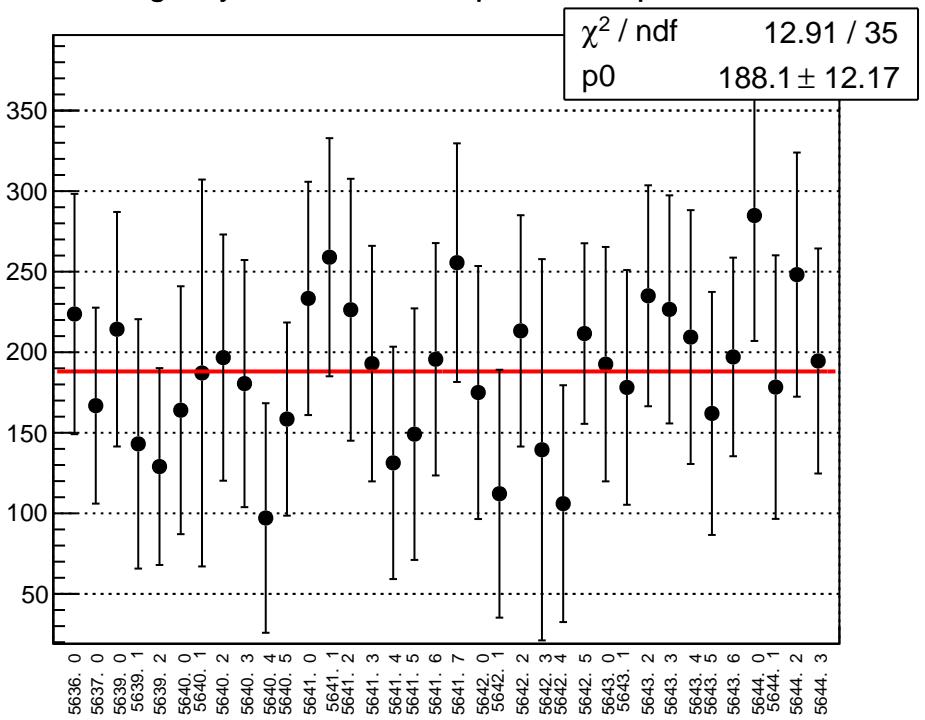
reg\_asym\_at1\_dd\_diff\_bpm4aX\_slope vs run



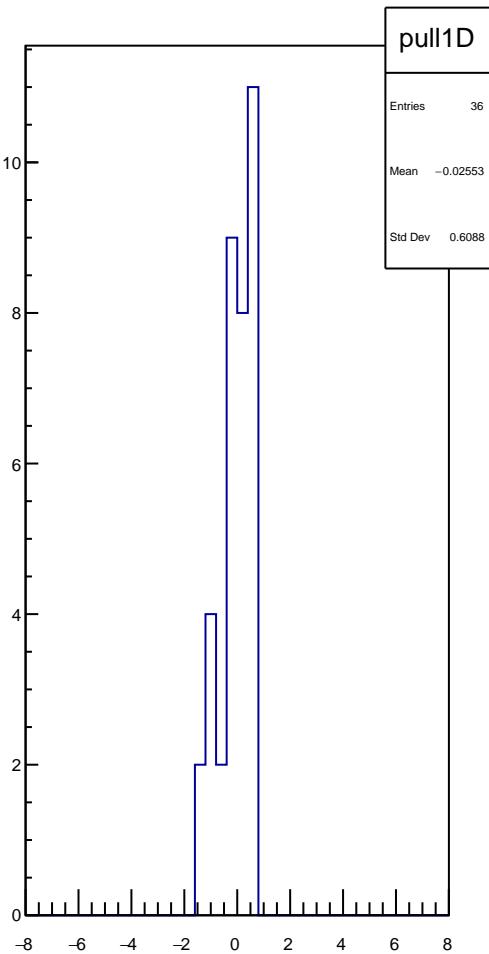
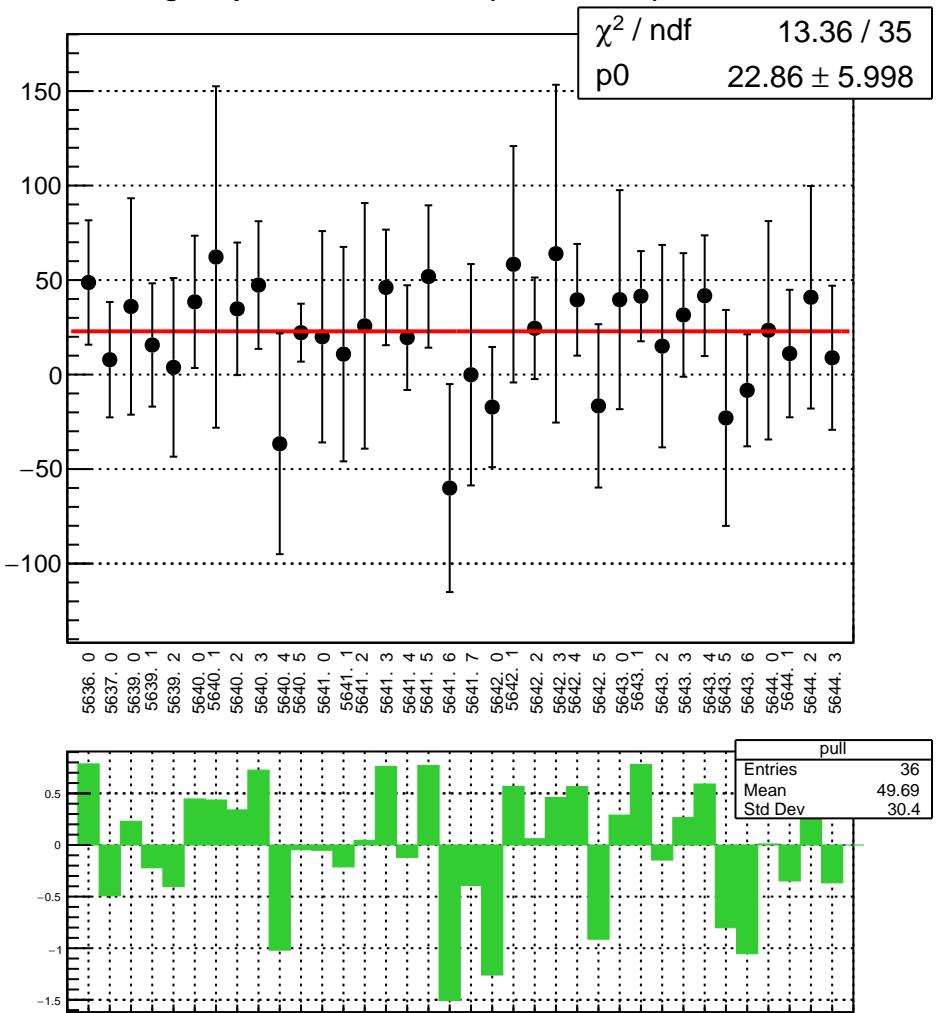
reg\_asym\_at1\_dd\_diff\_bpm4aY\_slope vs run



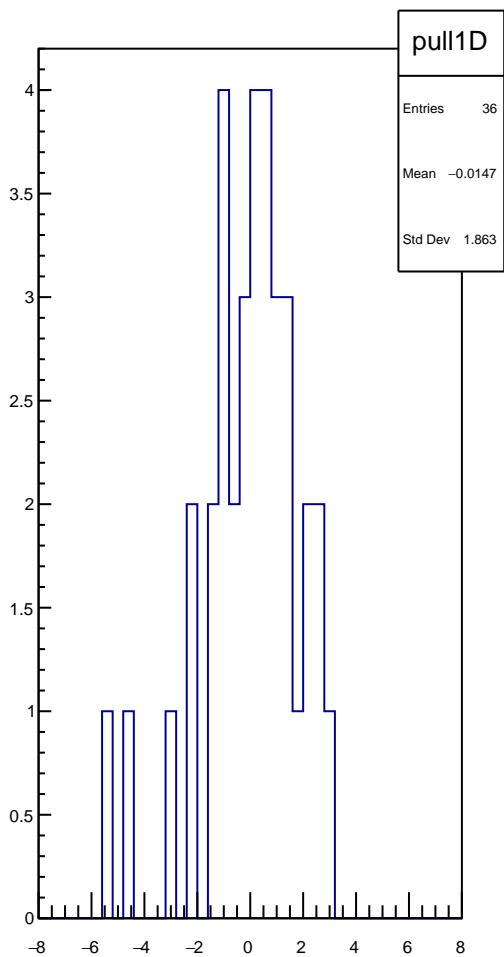
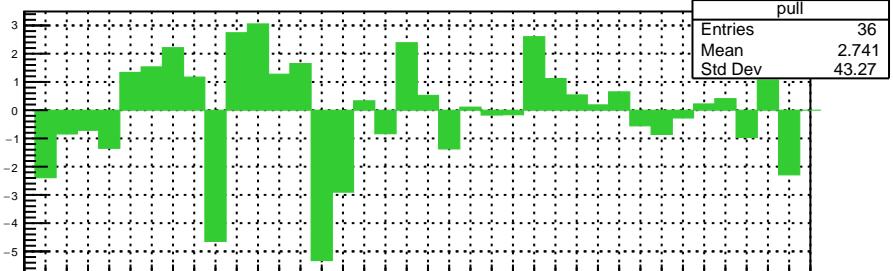
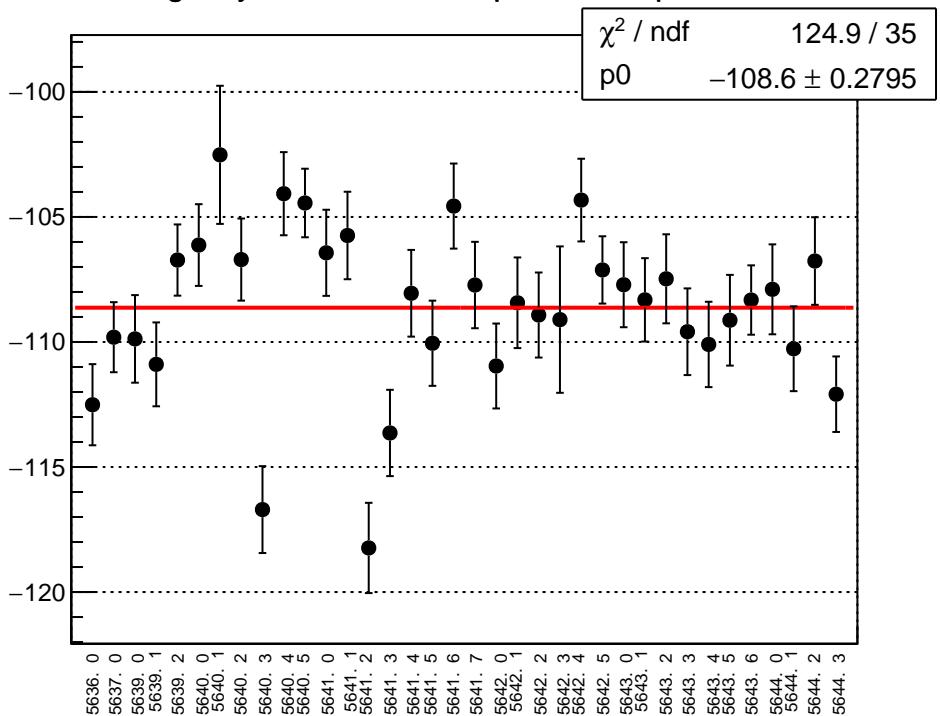
# reg\_asym\_at1\_dd\_diff\_bpm4eX\_slope vs run



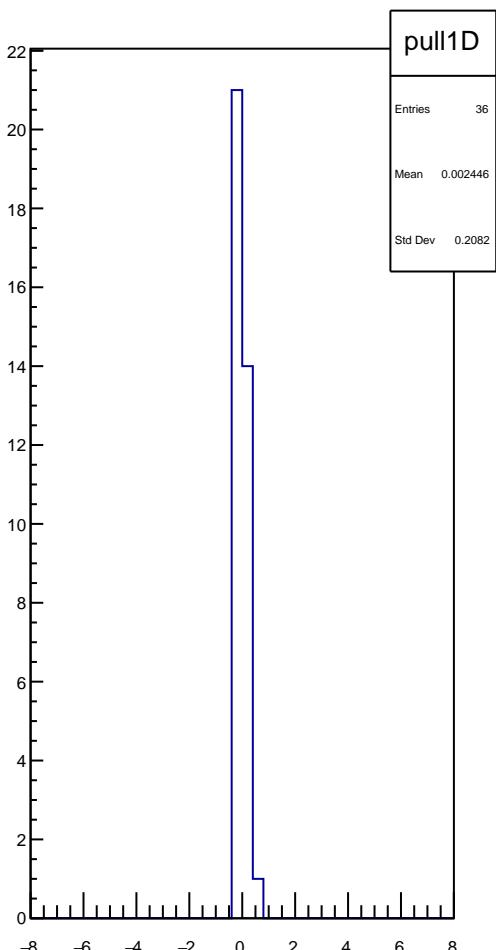
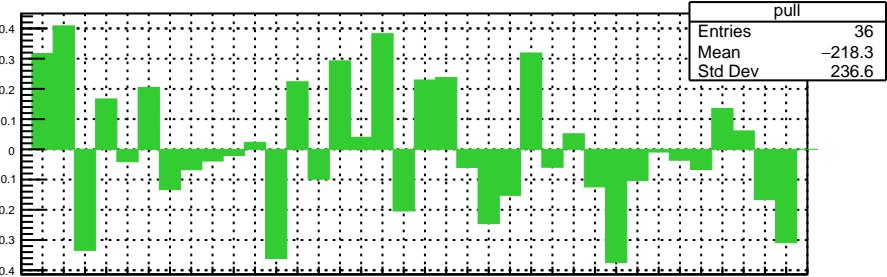
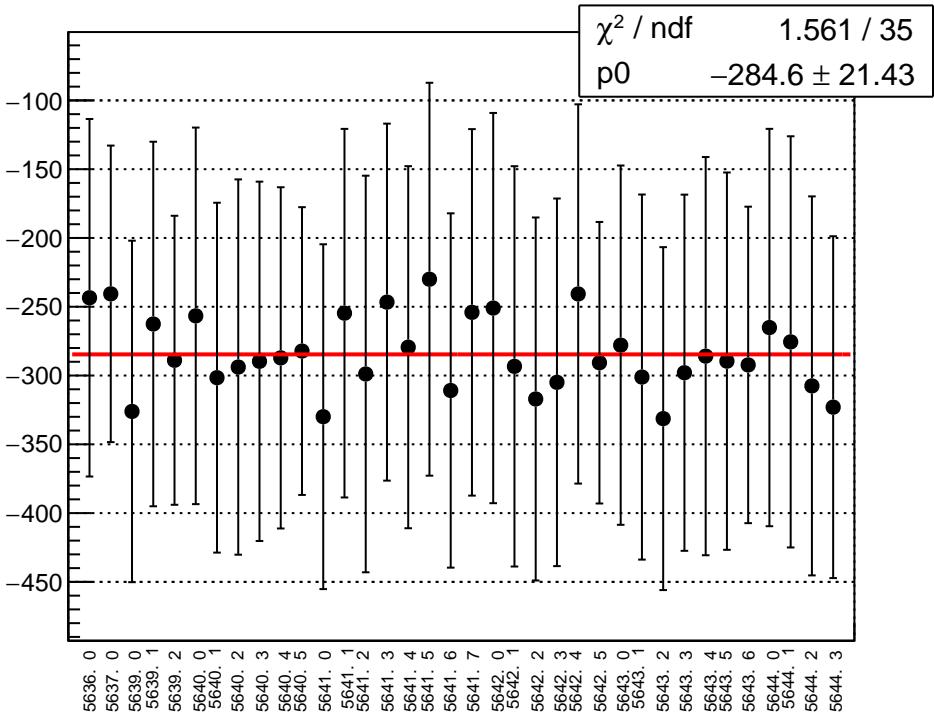
reg\_asym\_at1\_dd\_diff\_bpm4eY\_slope vs run



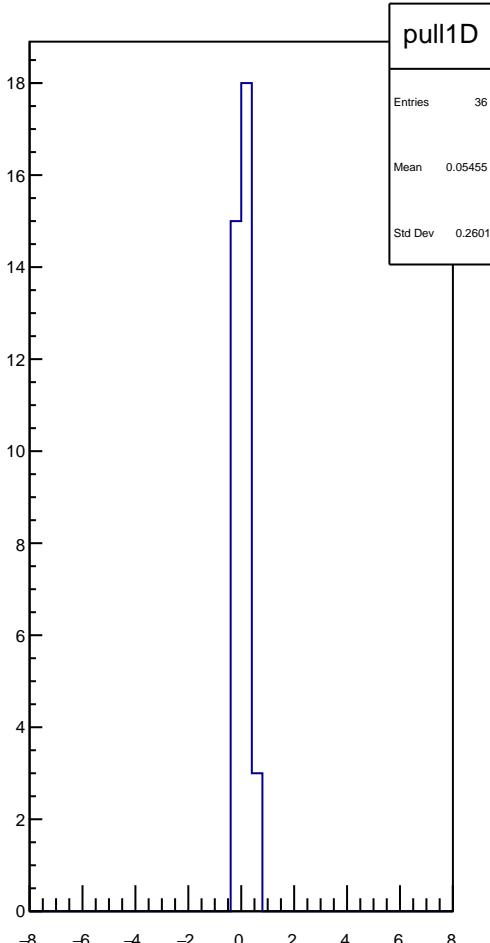
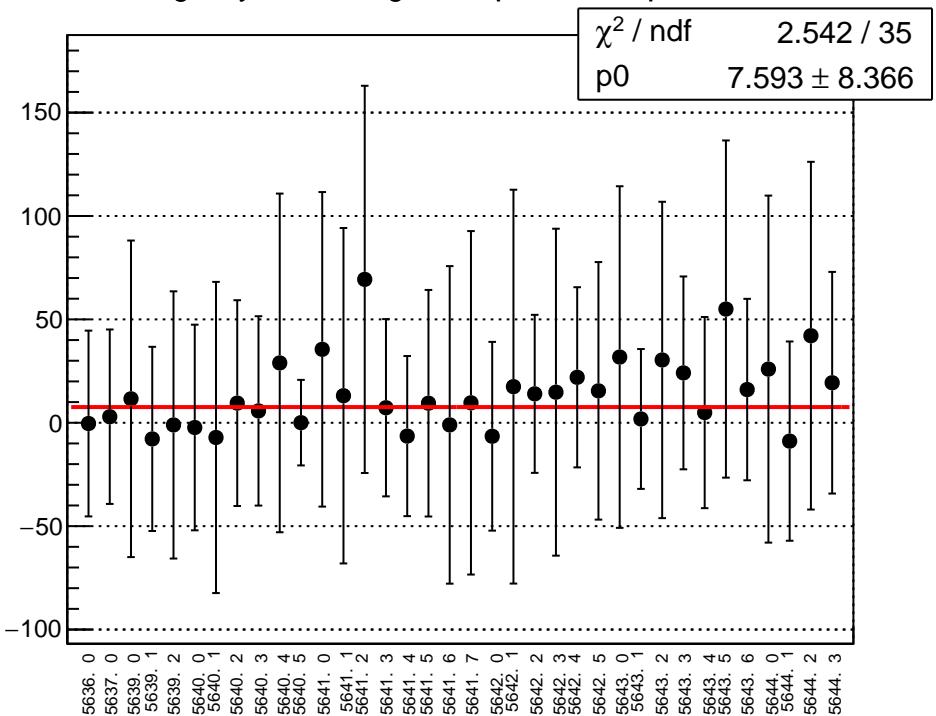
# reg\_asym\_at1\_dd\_diff\_bpm12X\_slope vs run



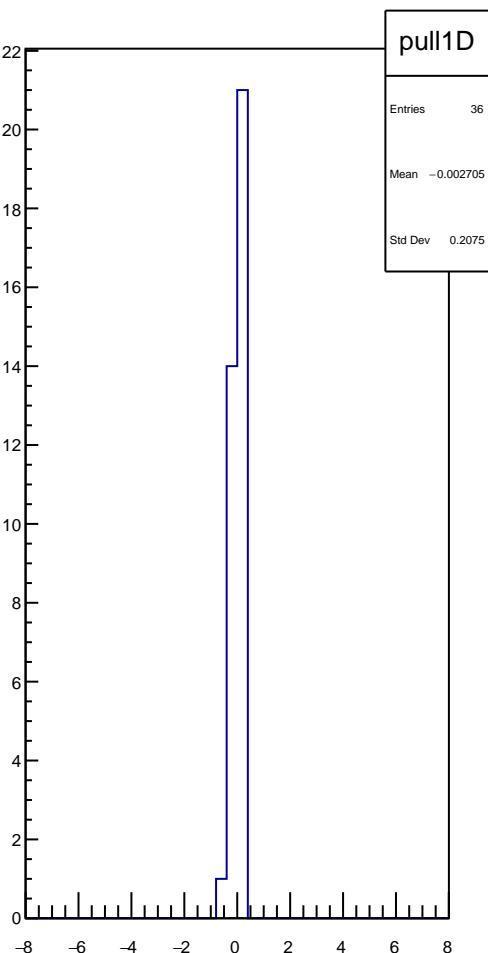
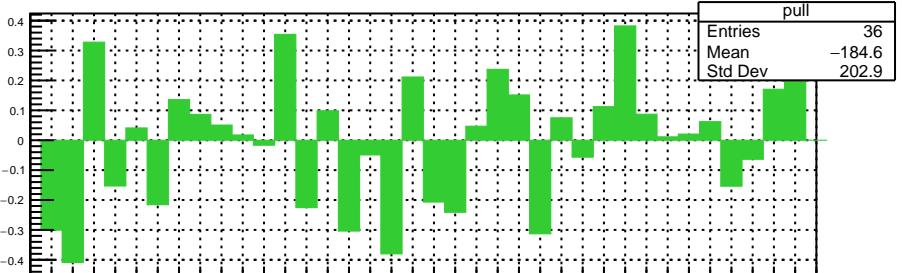
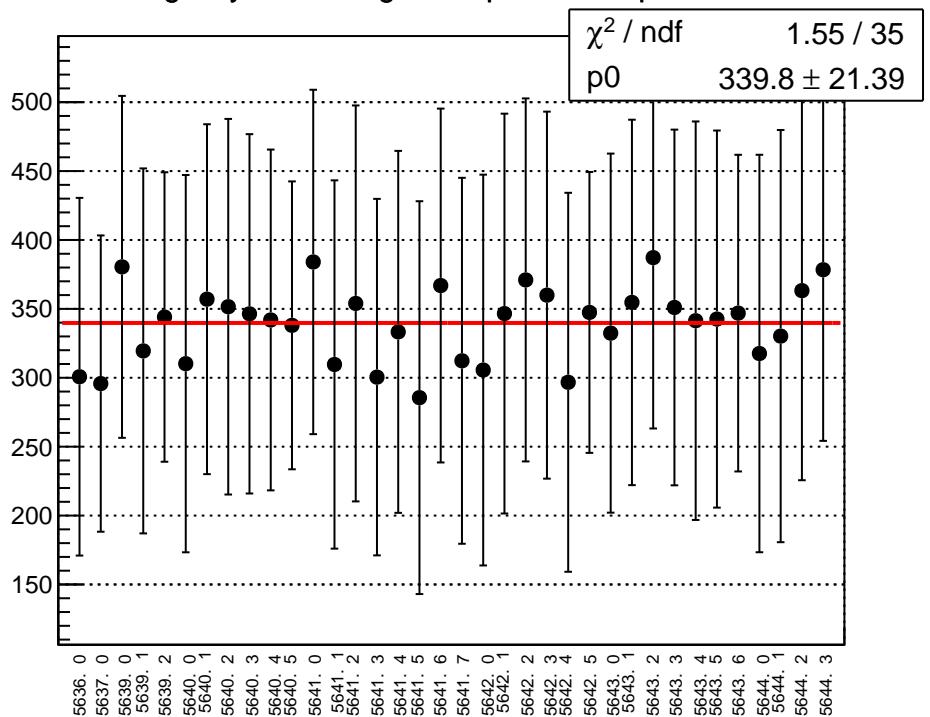
# reg\_asym\_at2\_avg\_diff\_bpm4aX\_slope vs run



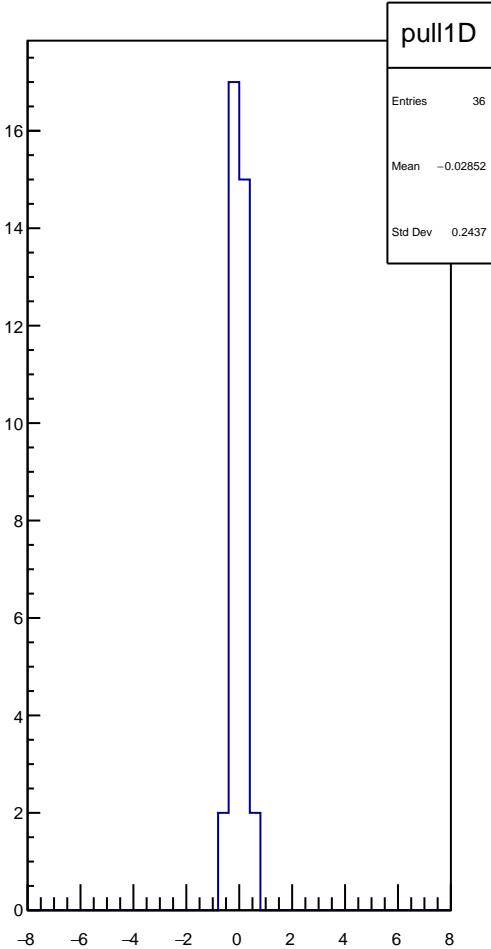
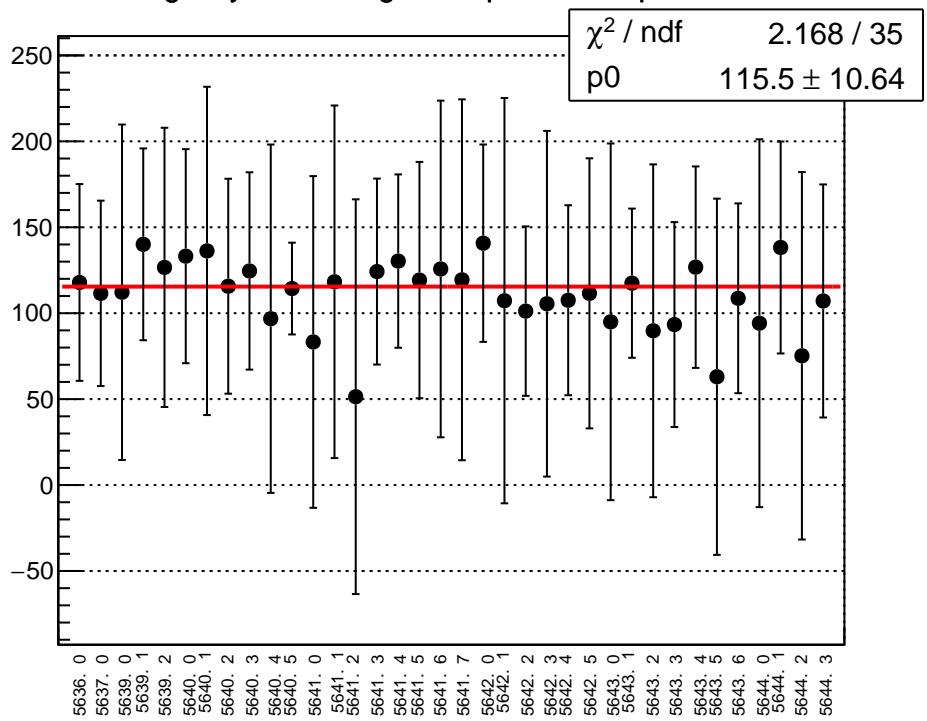
# reg\_asym\_at2\_avg\_diff\_bpm4aY\_slope vs run



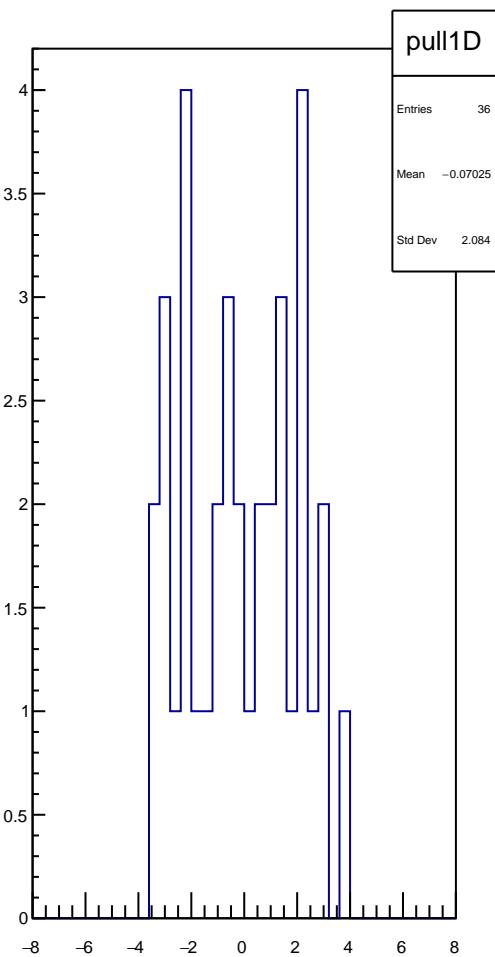
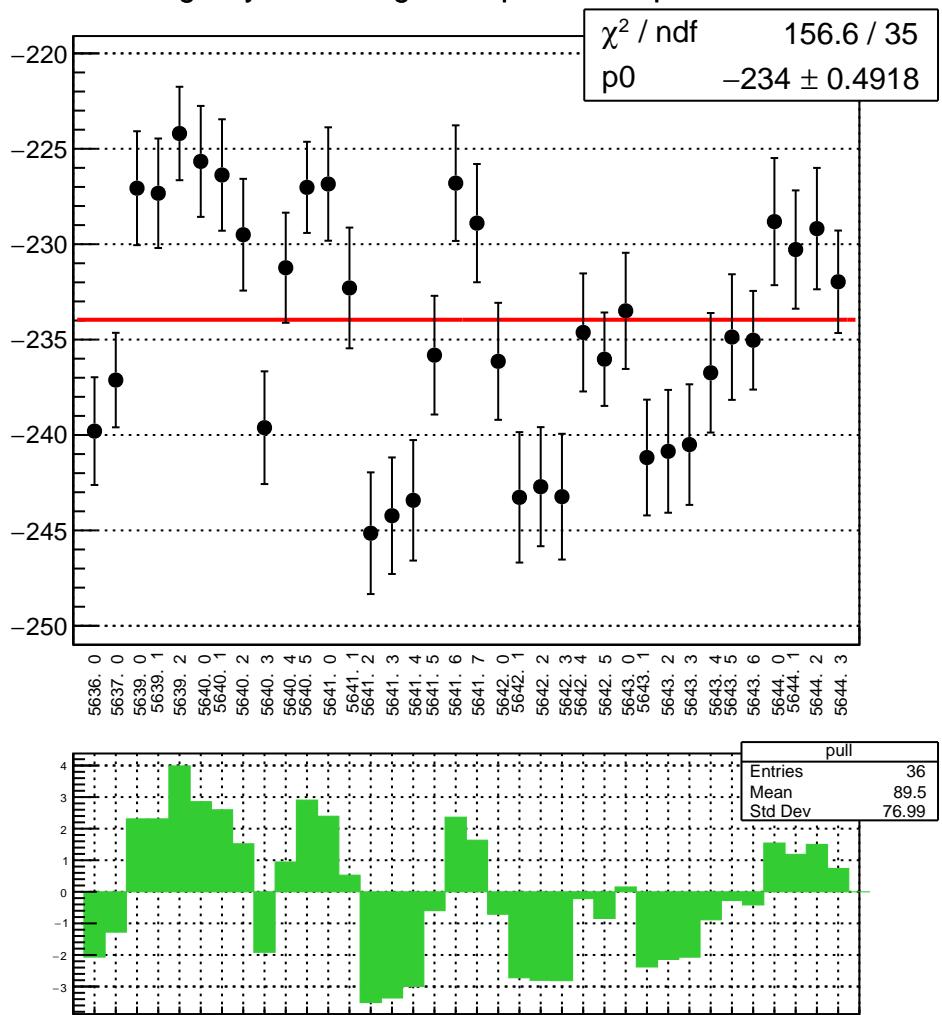
# reg\_asym\_at2\_avg\_diff\_bpm4eX\_slope vs run



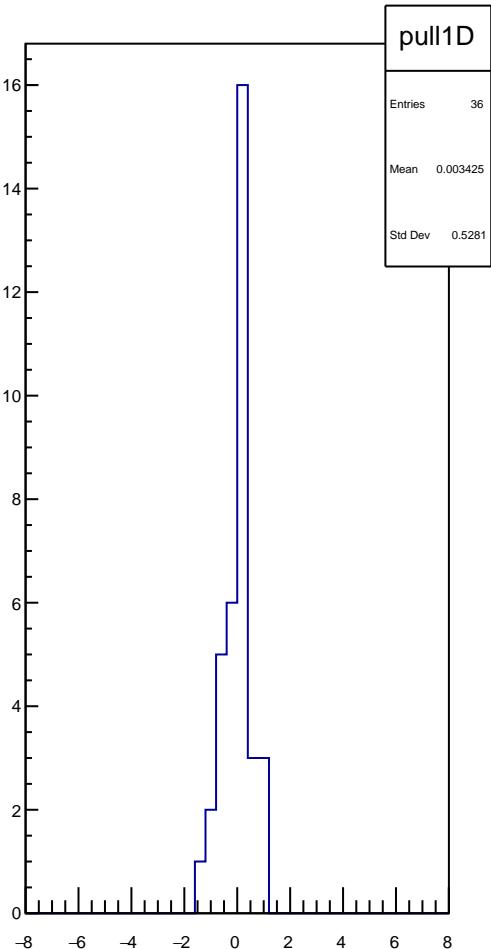
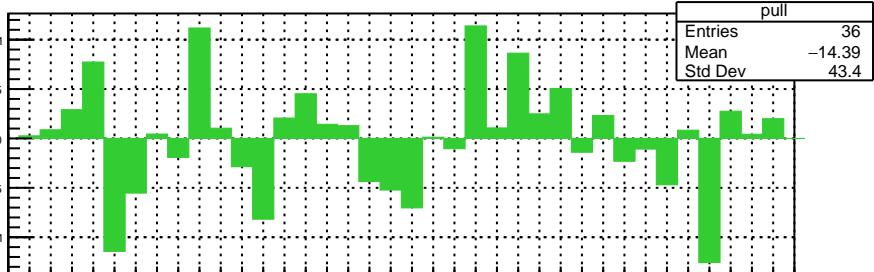
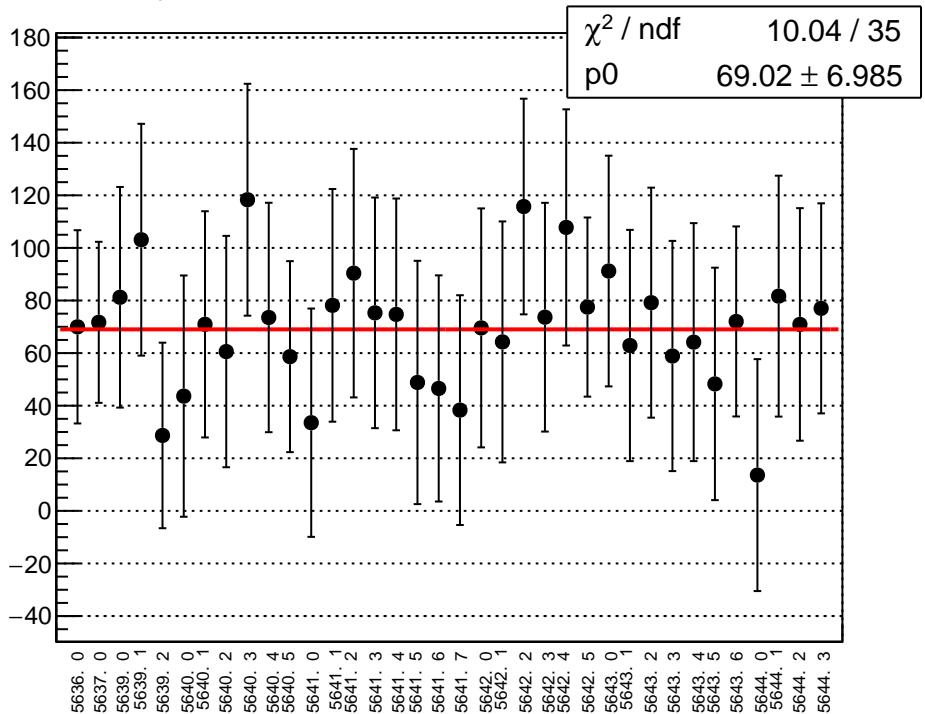
# reg\_asym\_at2\_avg\_diff\_bpm4eY\_slope vs run



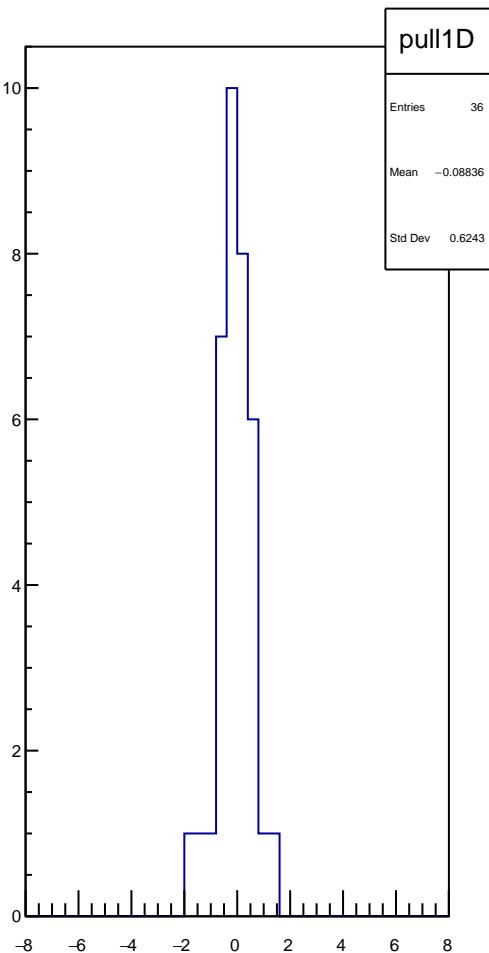
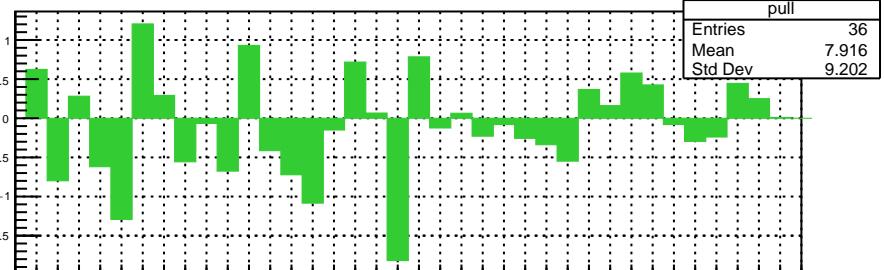
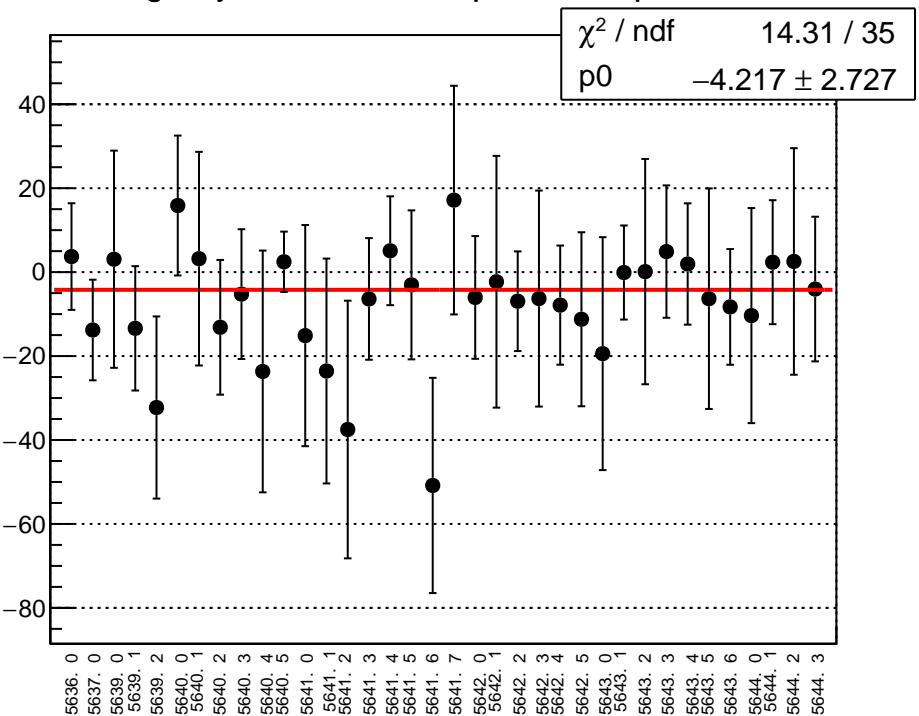
# reg\_asym\_at2\_avg\_diff\_bpm12X\_slope vs run



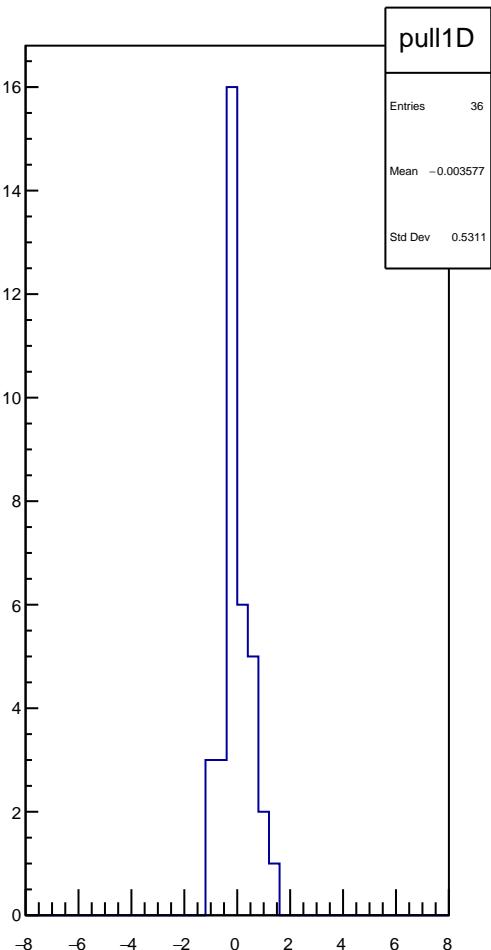
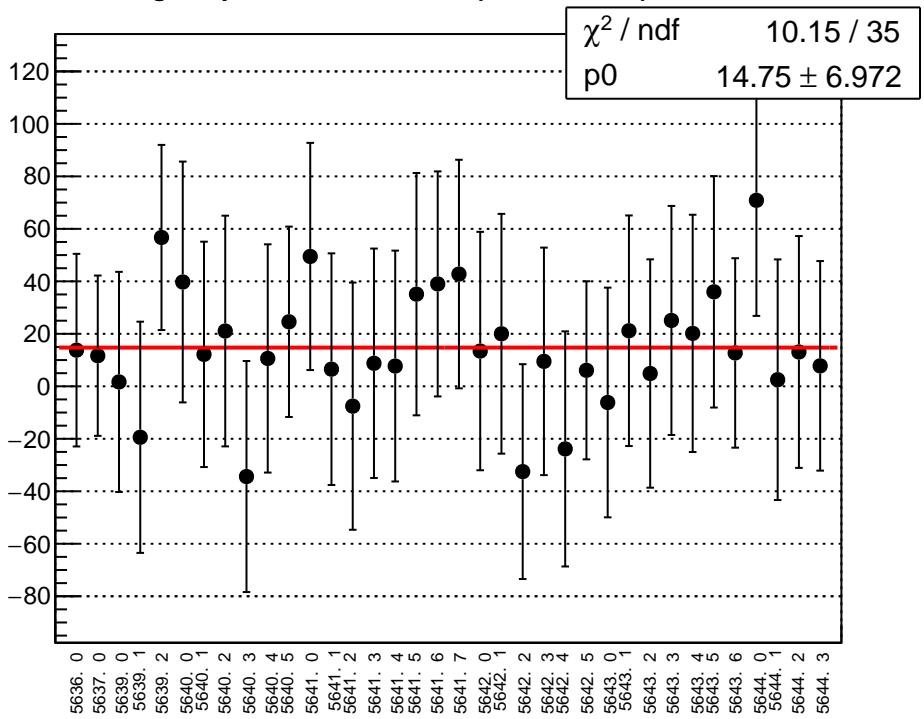
# reg\_asym\_at2\_dd\_diff\_bpm4aX\_slope vs run



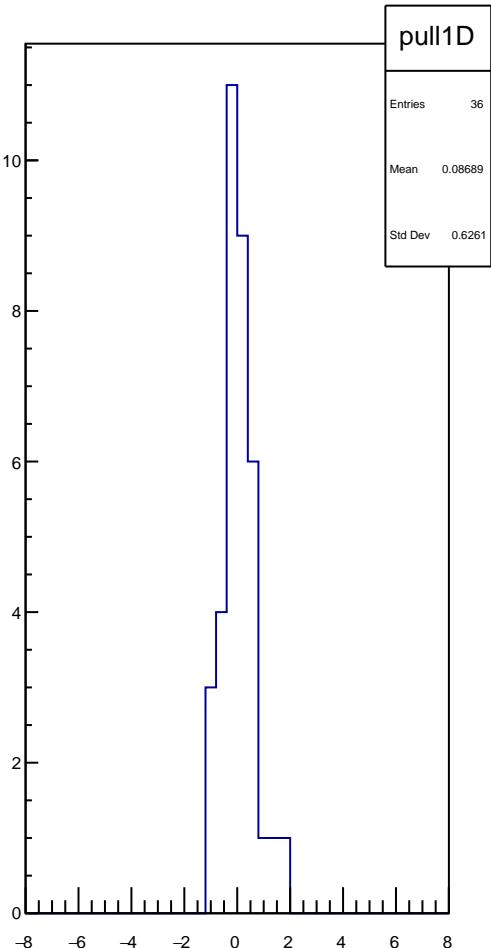
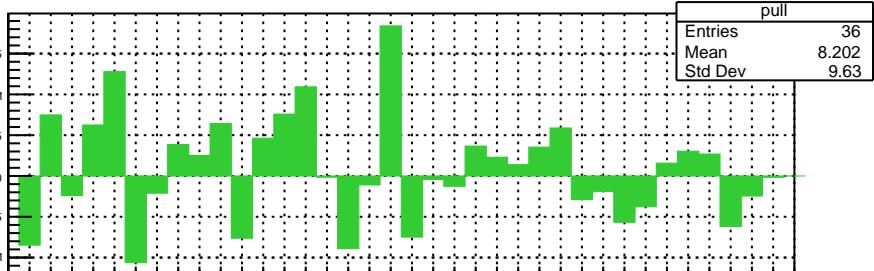
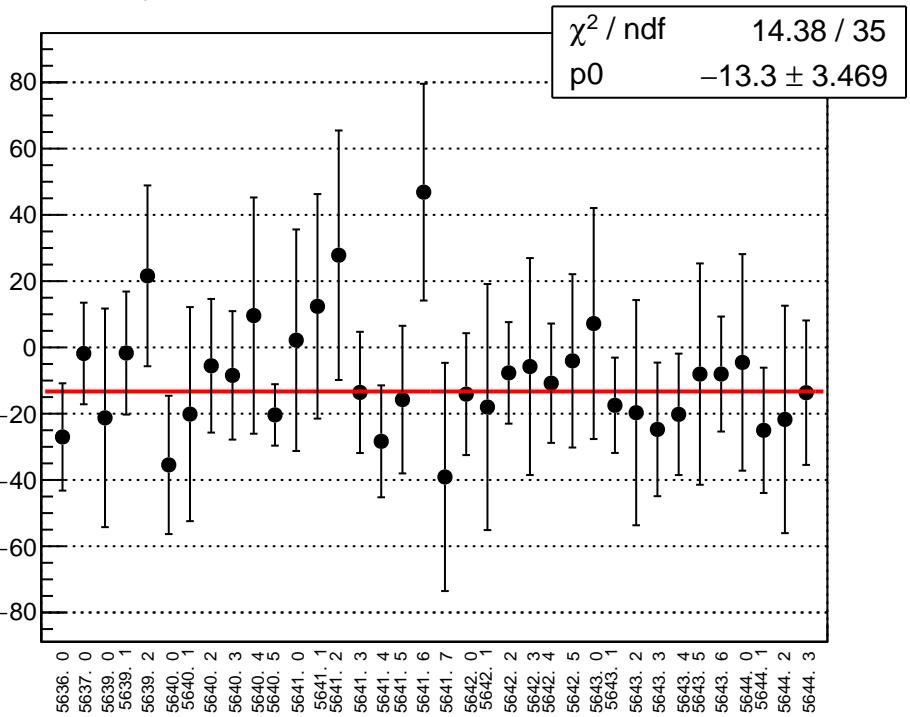
# reg\_asym\_at2\_dd\_diff\_bpm4aY\_slope vs run



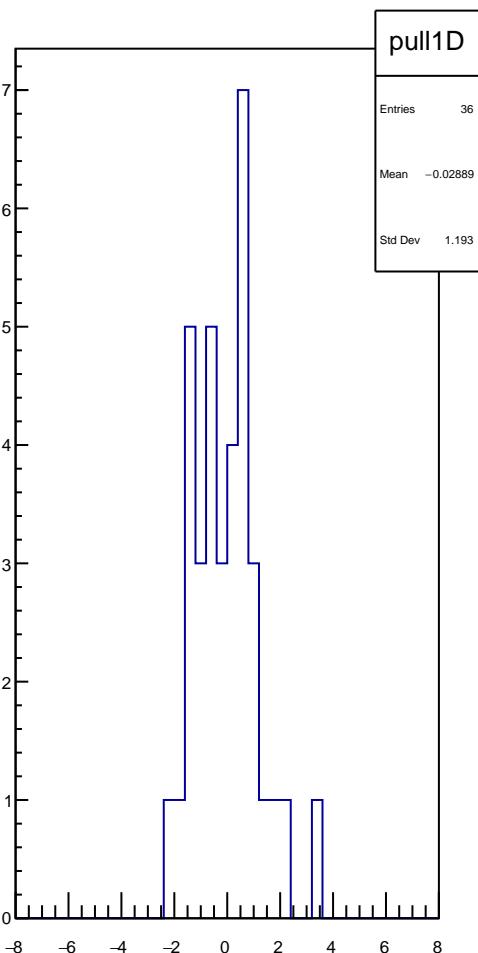
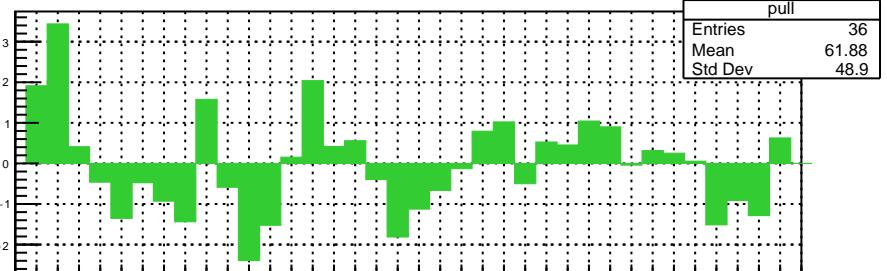
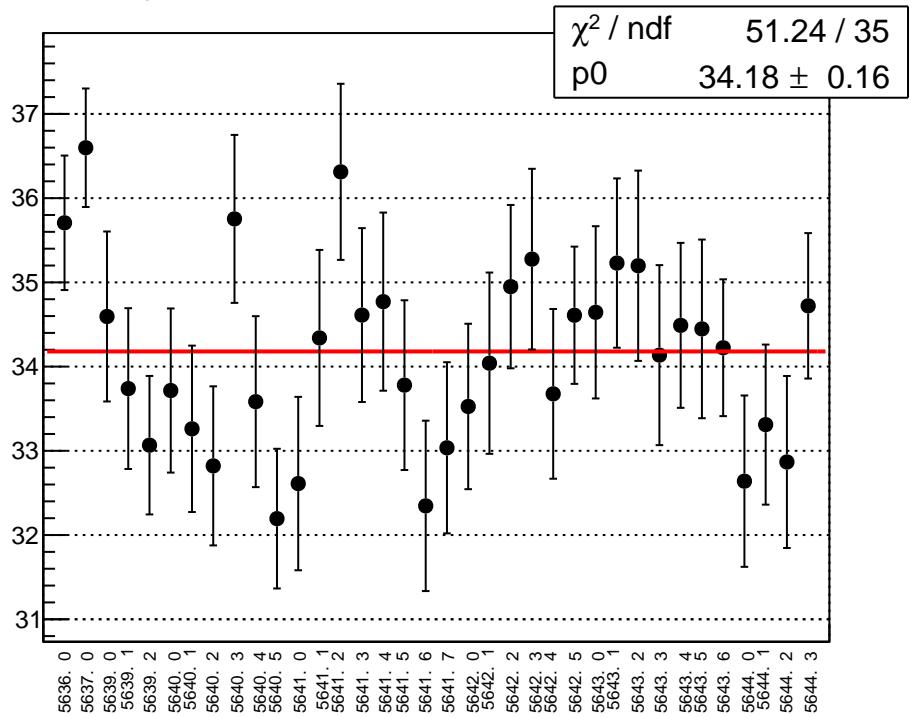
# reg\_asym\_at2\_dd\_diff\_bpm4eX\_slope vs run



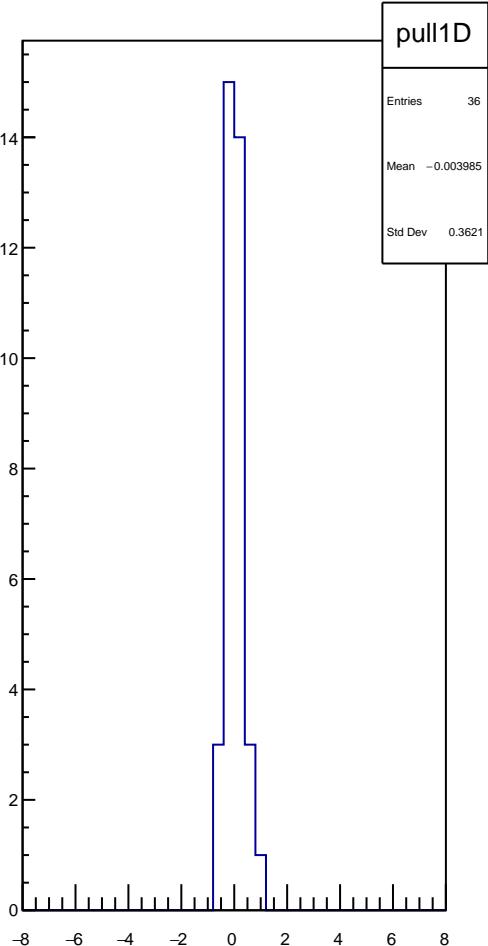
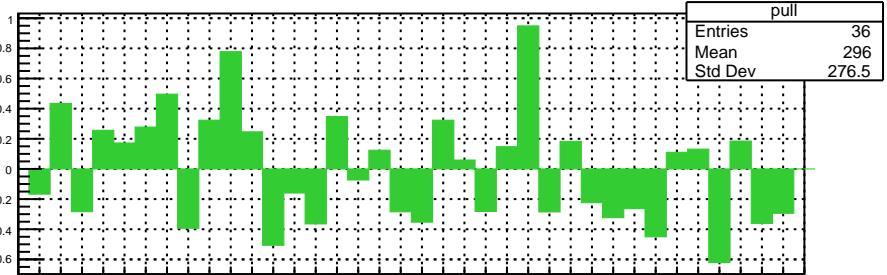
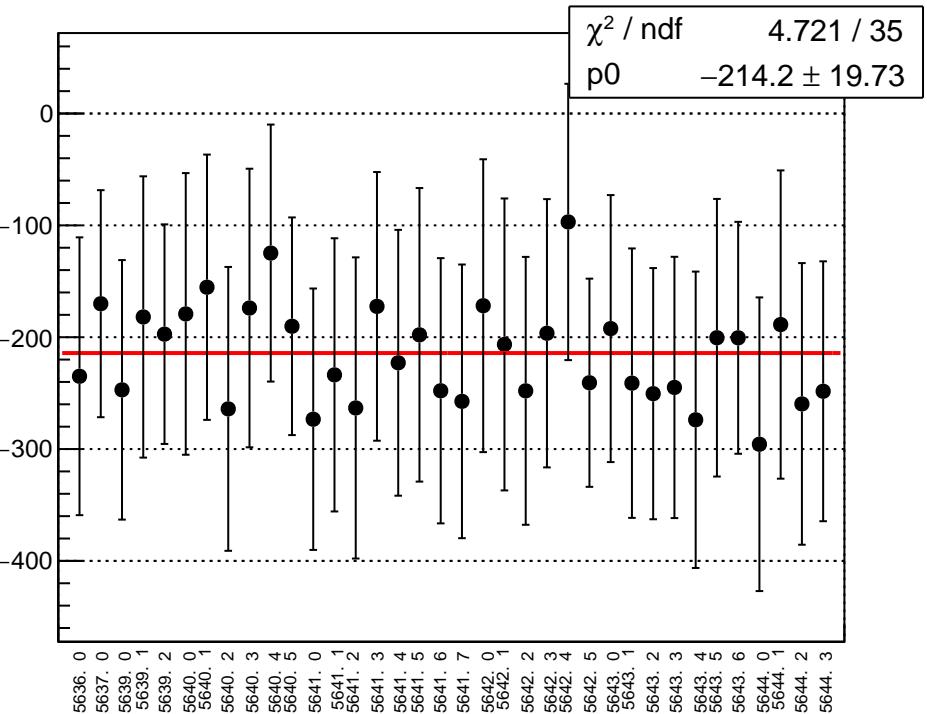
# reg\_asym\_at2\_dd\_diff\_bpm4eY\_slope vs run



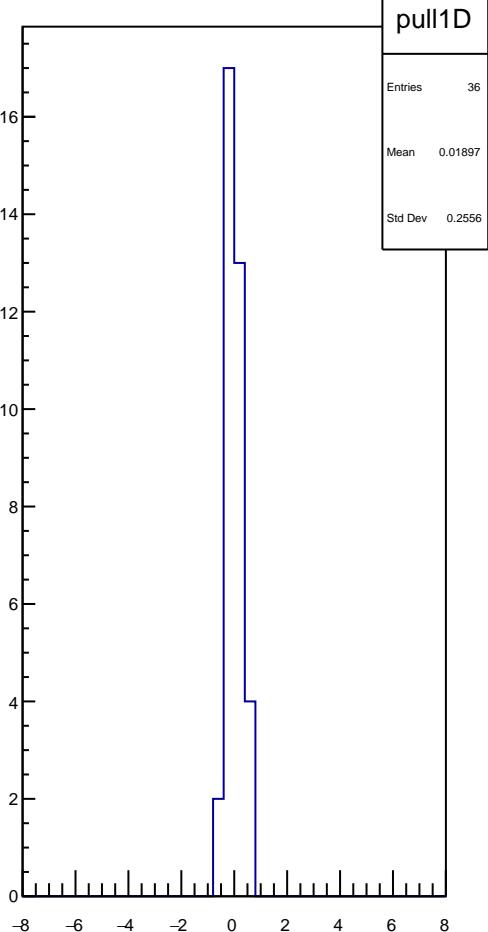
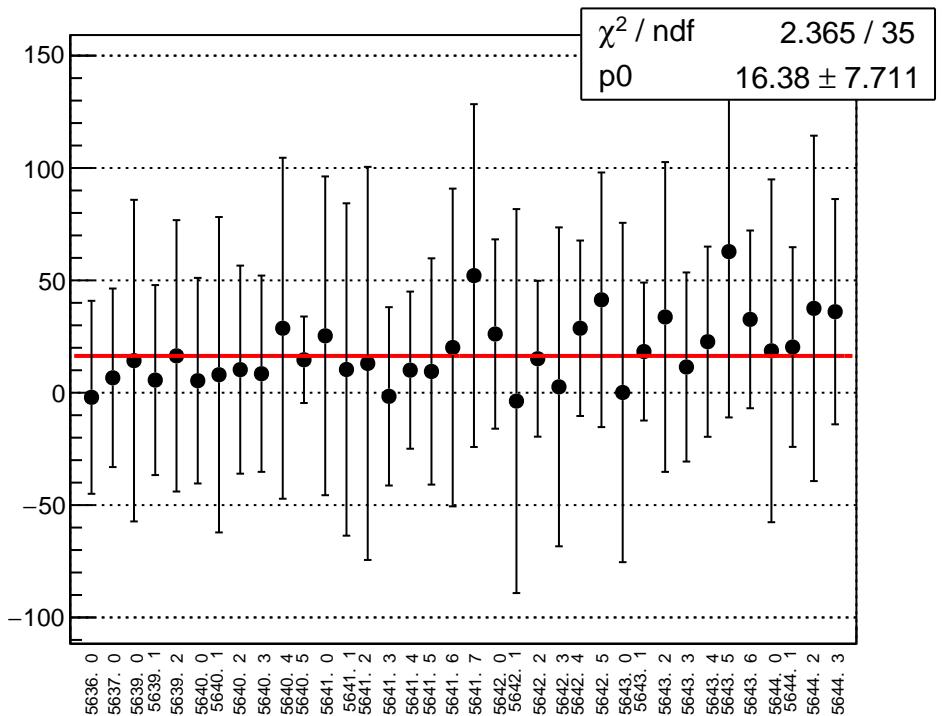
# reg\_asym\_at2\_dd\_diff\_bpm12X\_slope vs run



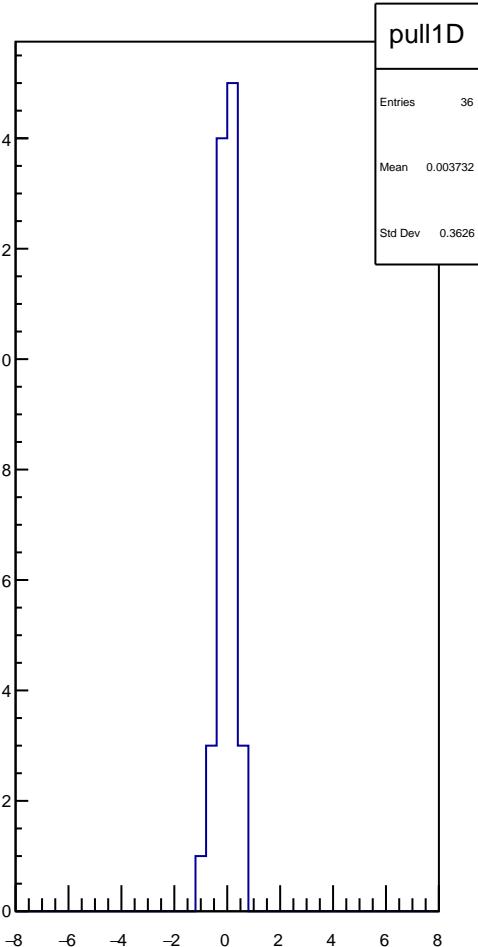
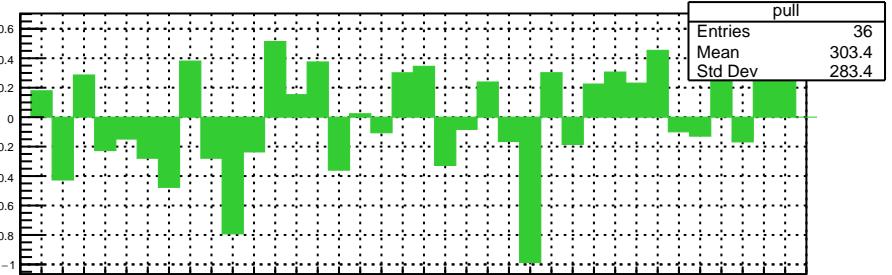
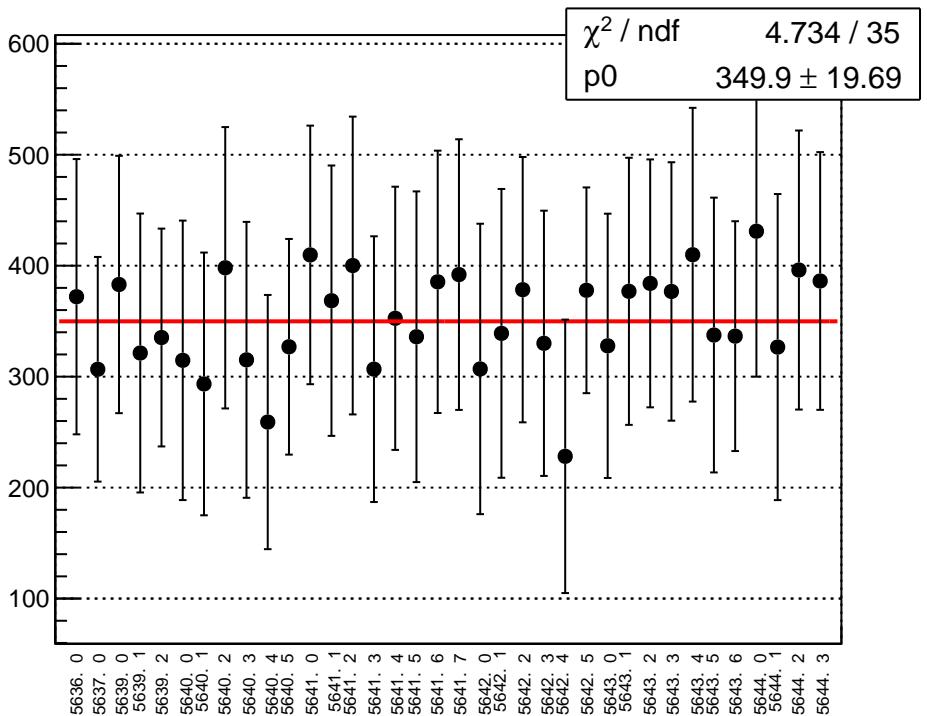
# reg\_asym\_atl1r2\_avg\_diff\_bpm4aX\_slope vs run



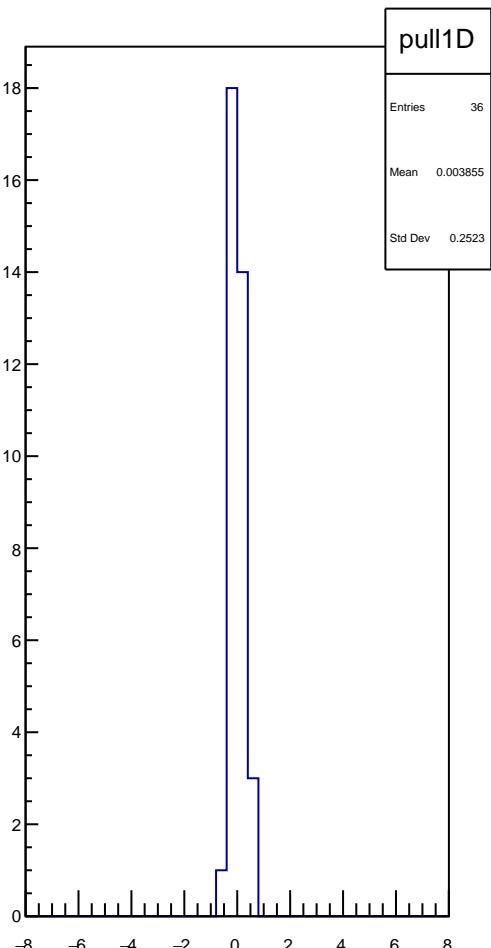
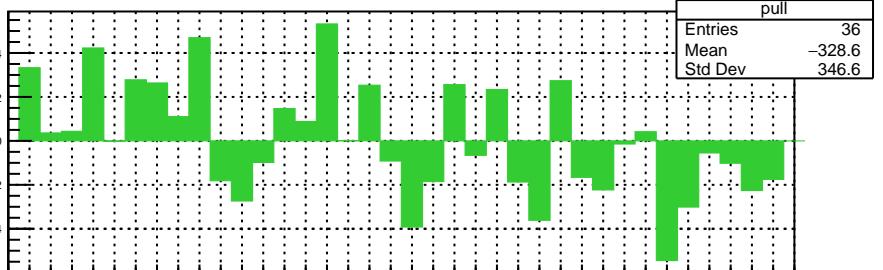
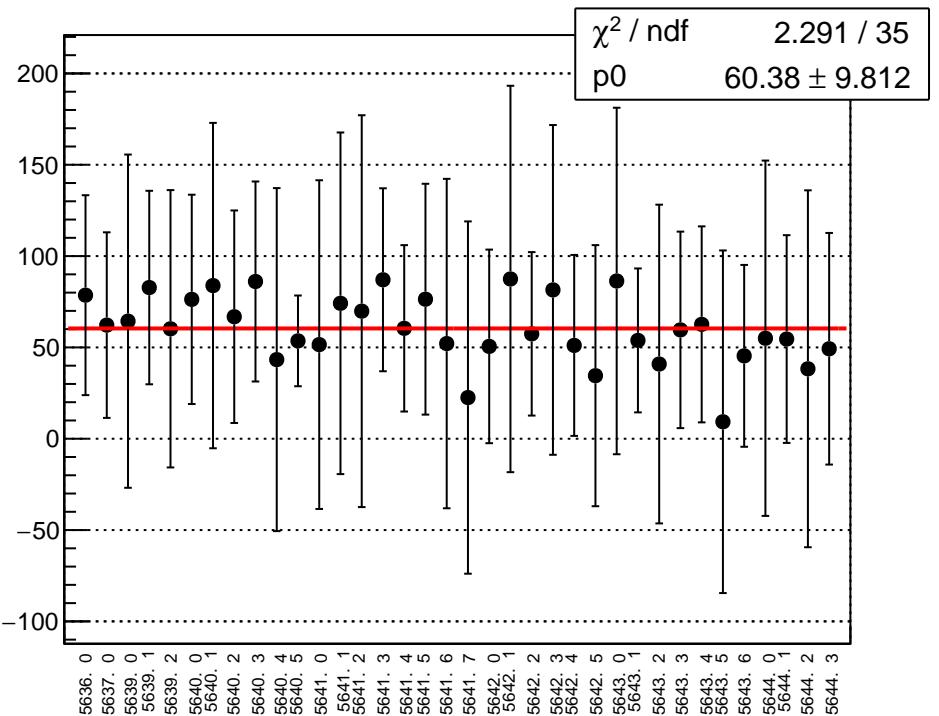
# reg\_asym\_atl1r2\_avg\_diff\_bpm4aY\_slope vs run



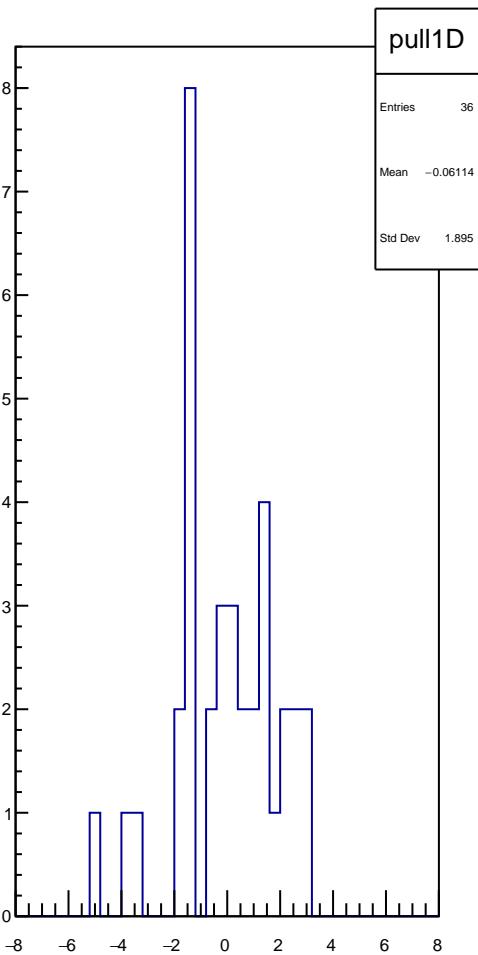
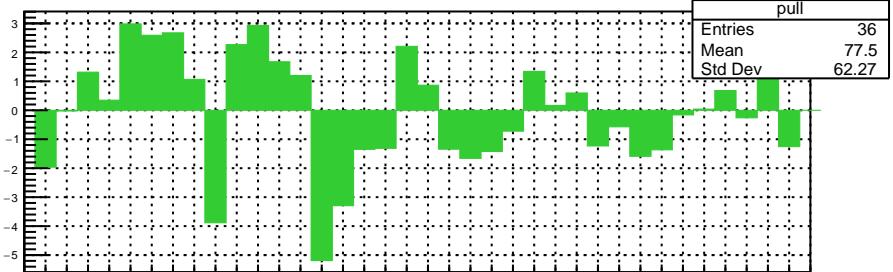
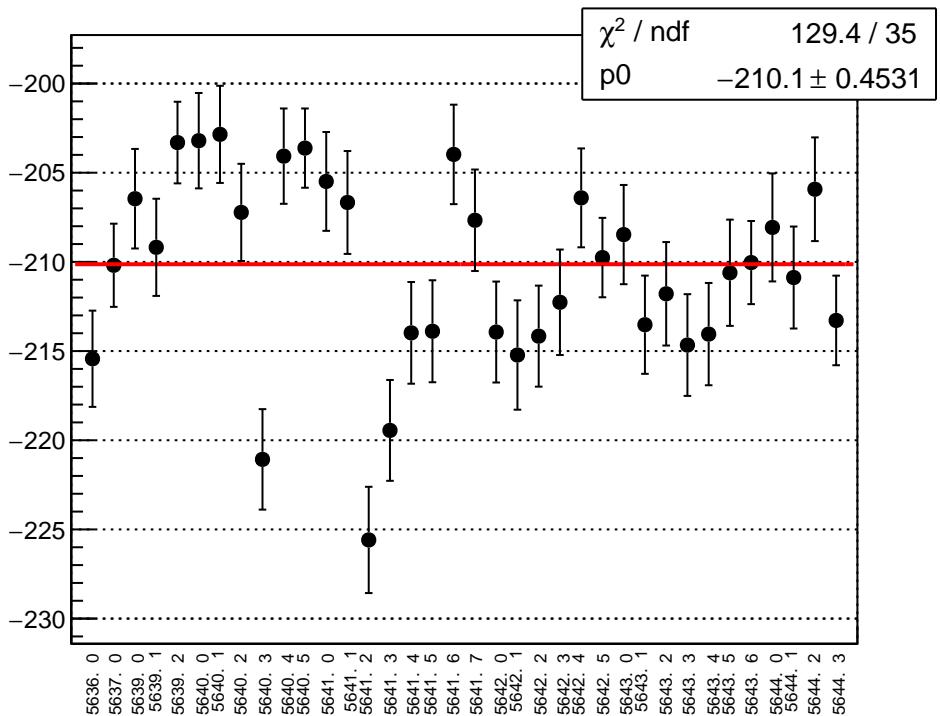
# reg\_asym\_atl1r2\_avg\_diff\_bpm4eX\_slope vs run



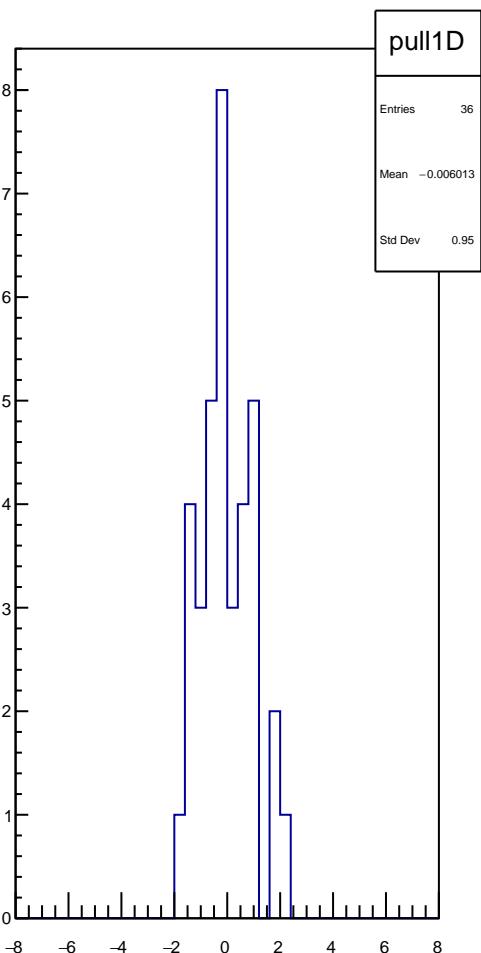
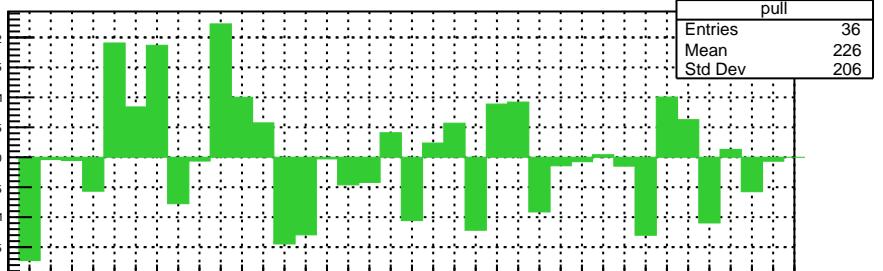
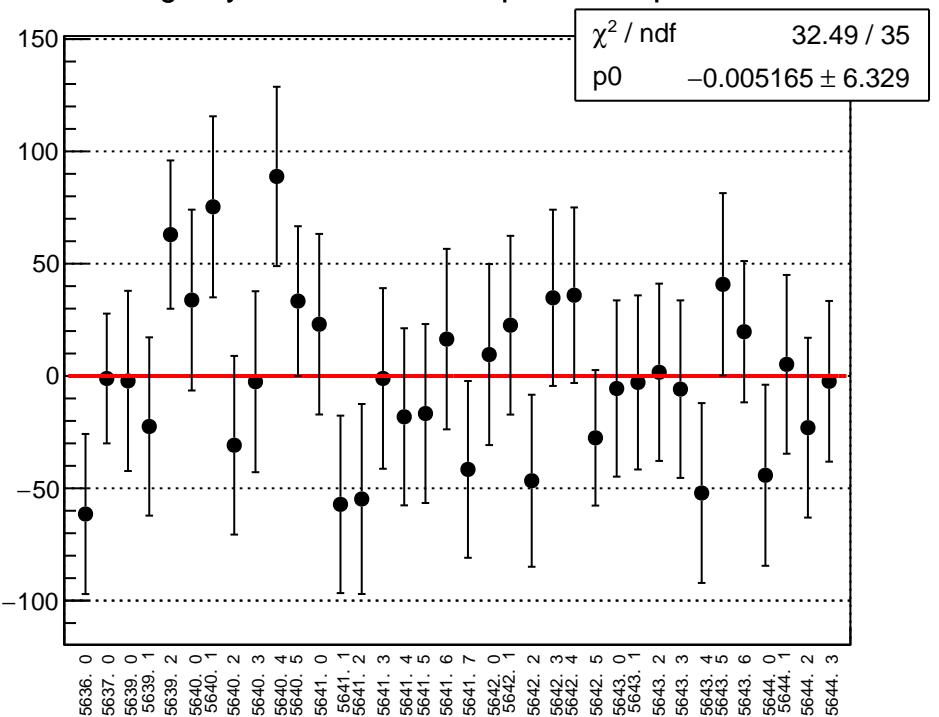
# reg\_asym\_atl1r2\_avg\_diff\_bpm4eY\_slope vs run



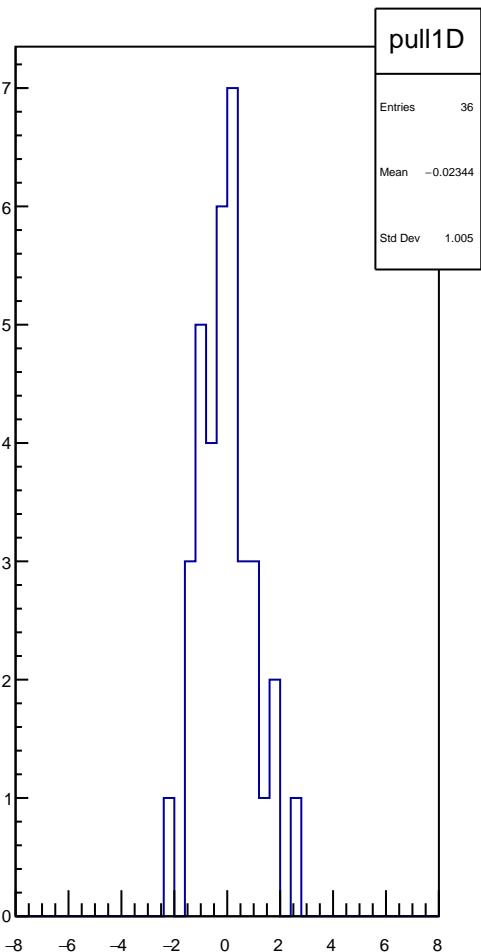
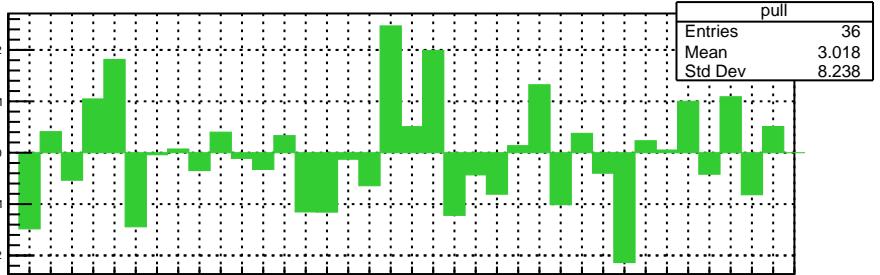
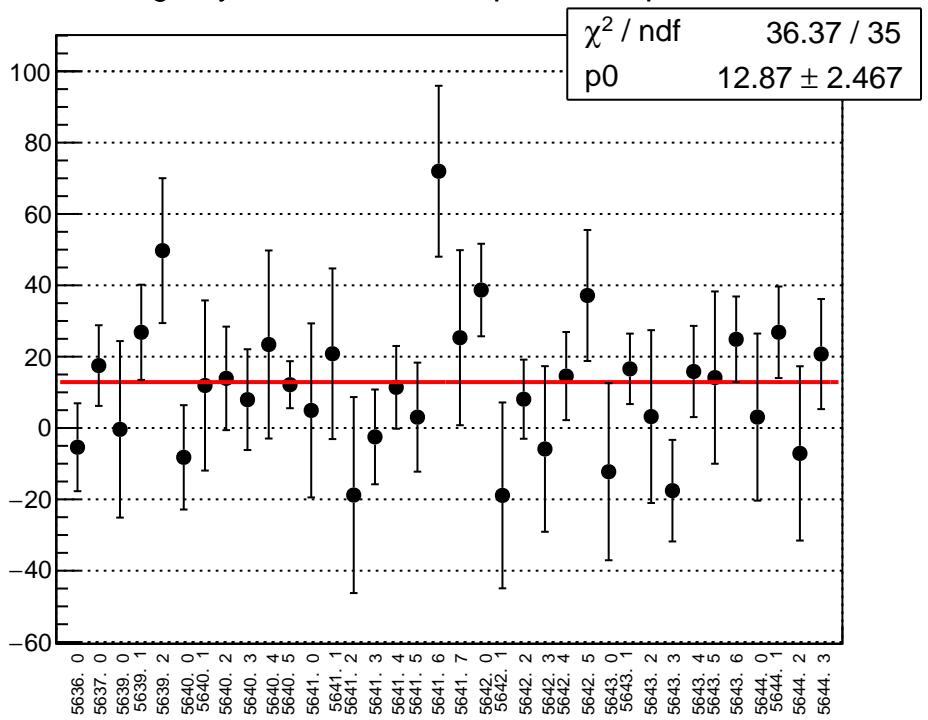
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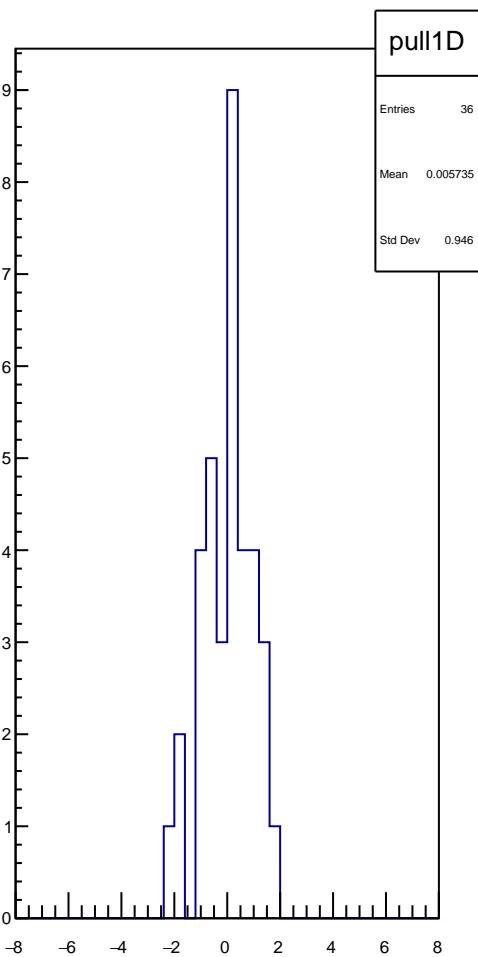
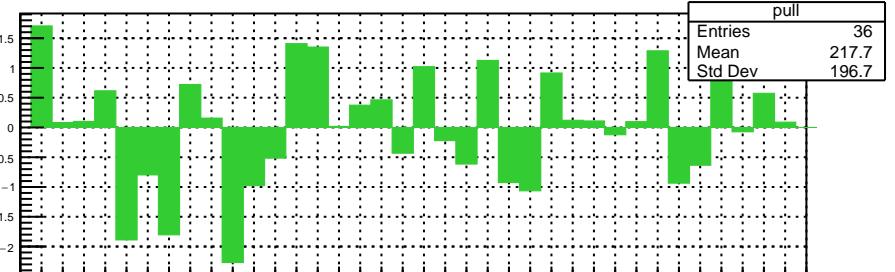
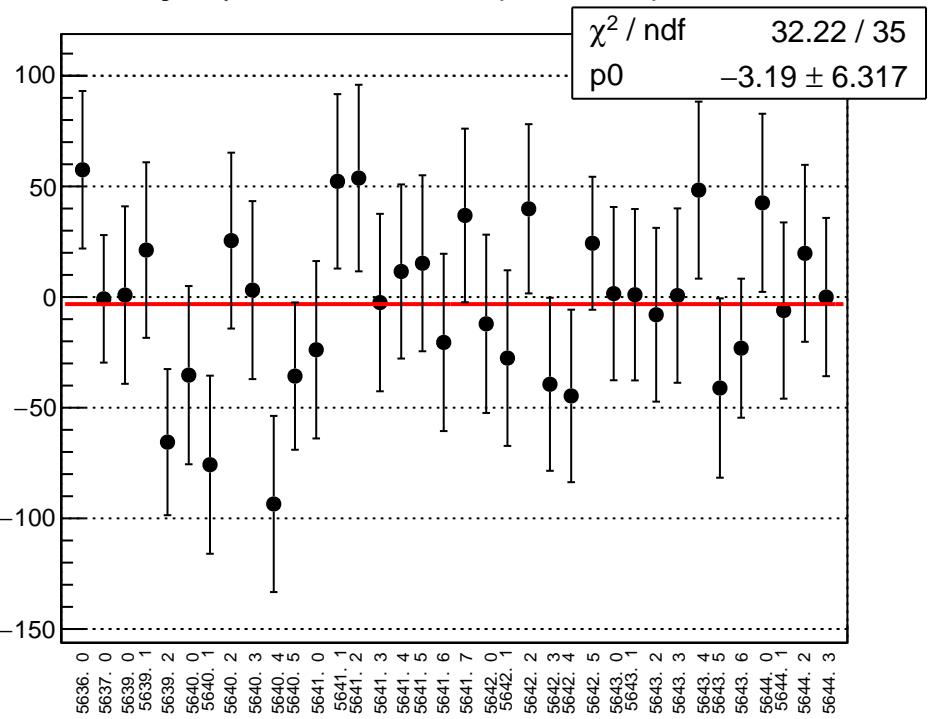
# reg\_asym\_atl1r2\_dd\_diff\_bpm4aX\_slope vs run



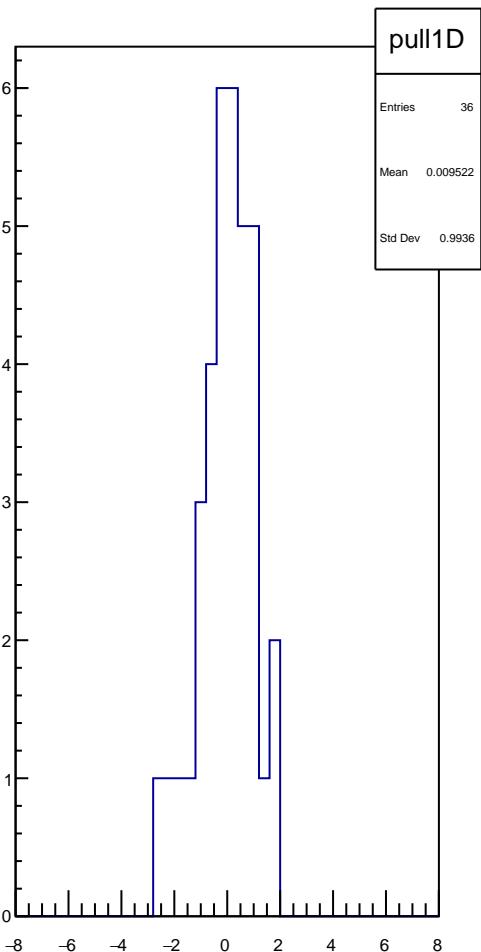
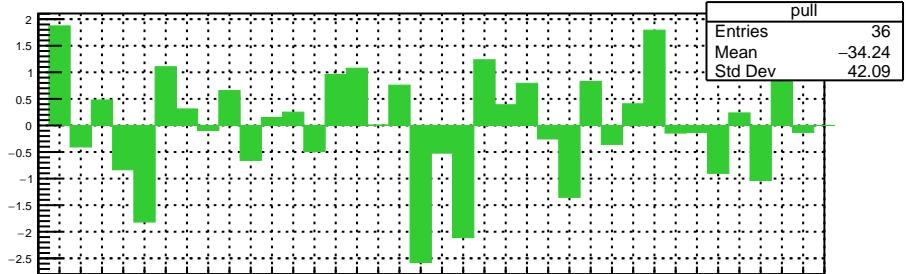
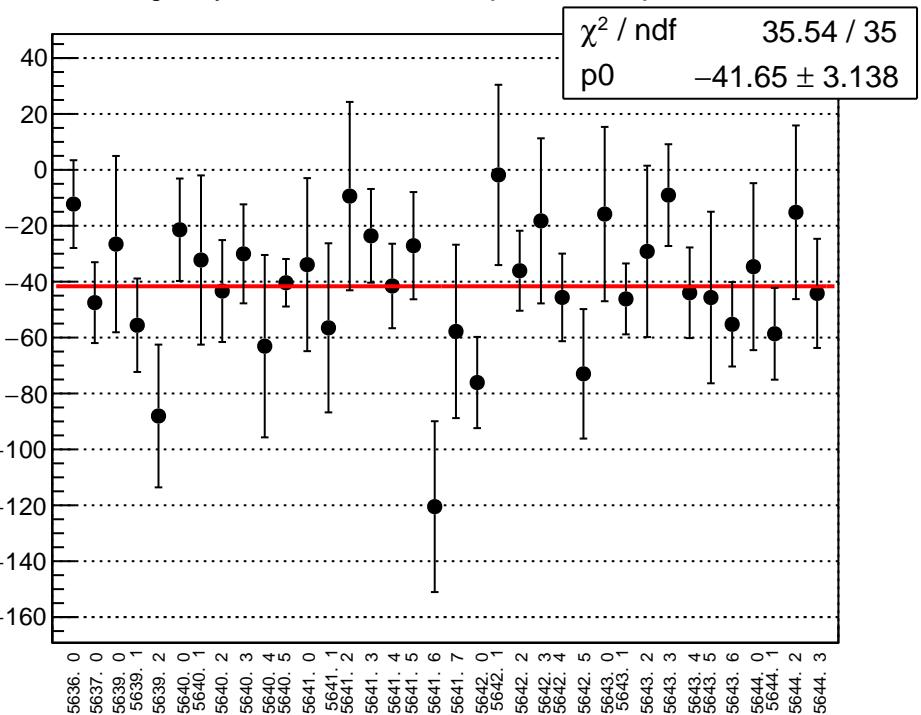
reg\_asym\_atl1r2\_dd\_diff\_bpm4aY\_slope vs run



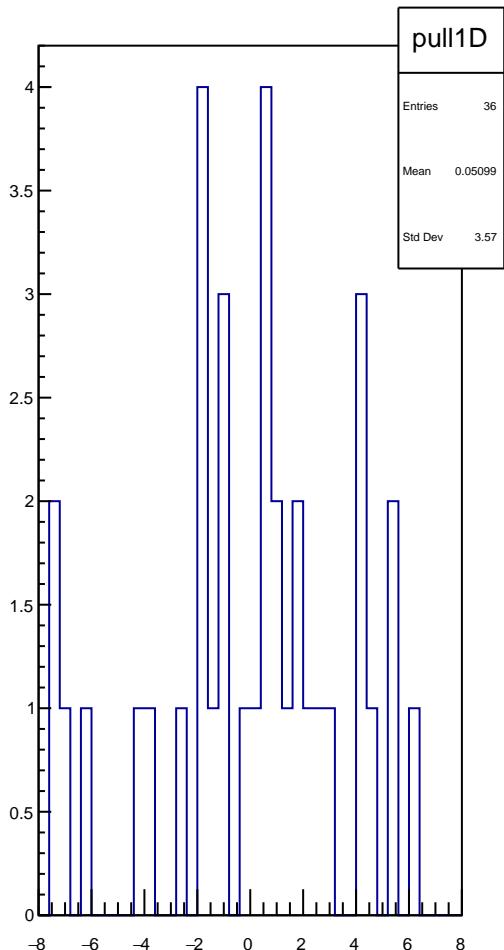
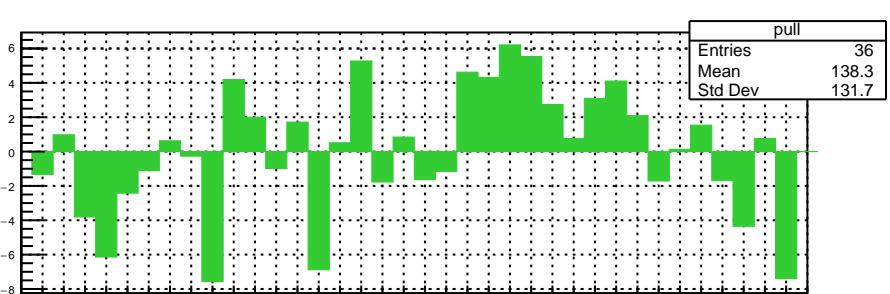
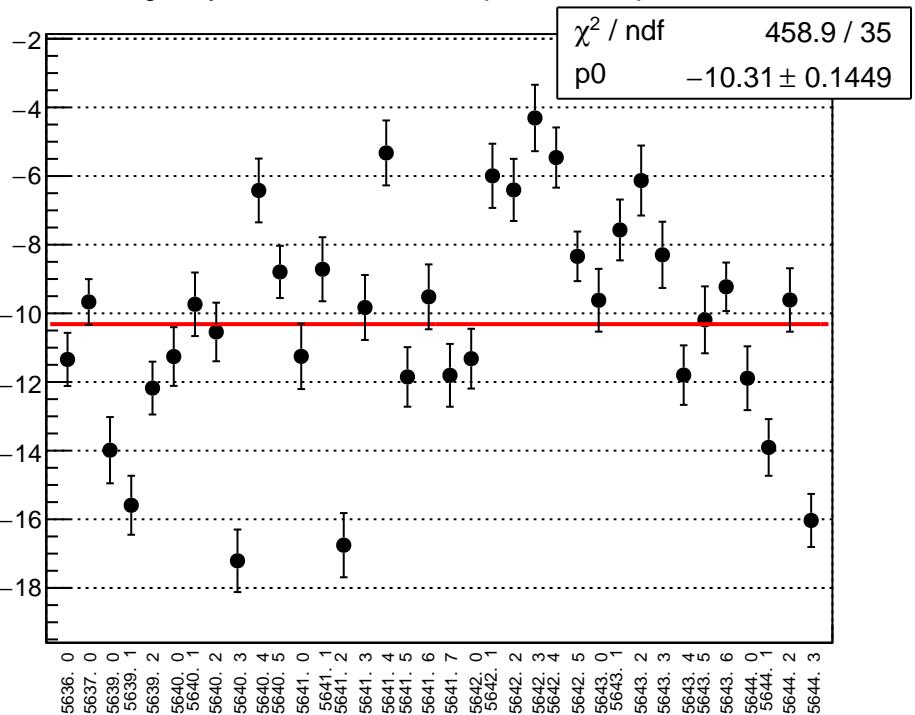
# reg\_asym\_atl1r2\_dd\_diff\_bpm4eX\_slope vs run



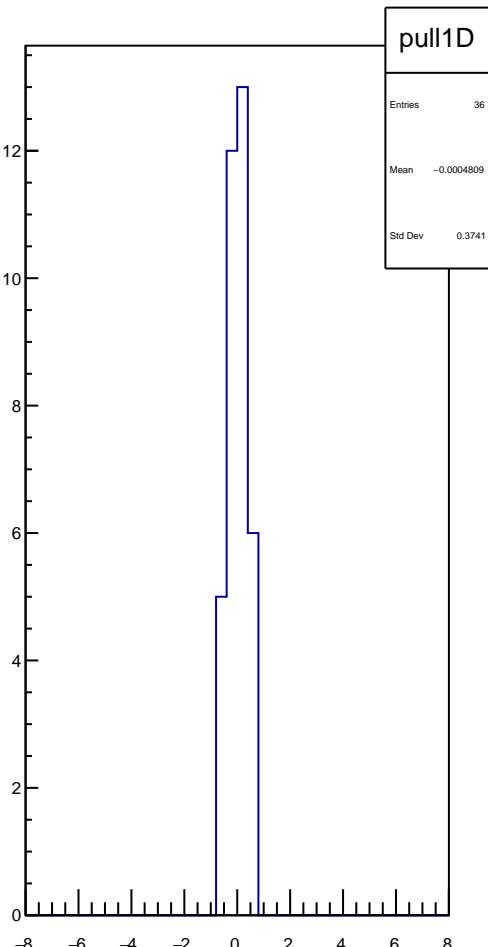
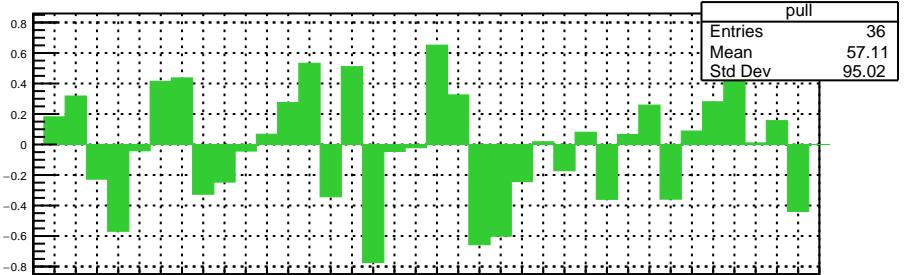
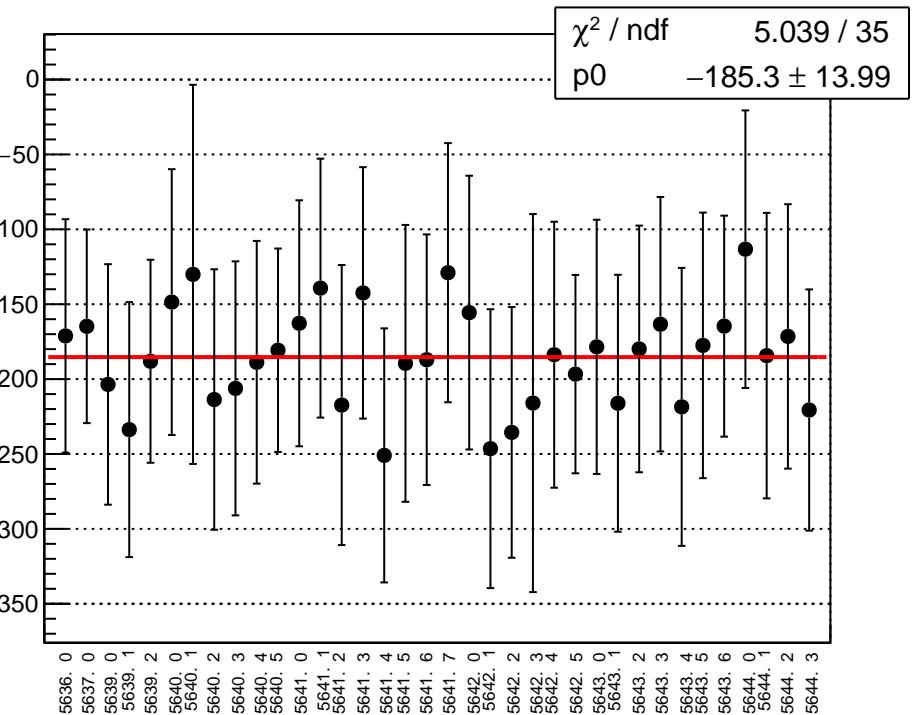
# reg\_asym\_atl1r2\_dd\_diff\_bpm4eY\_slope vs run



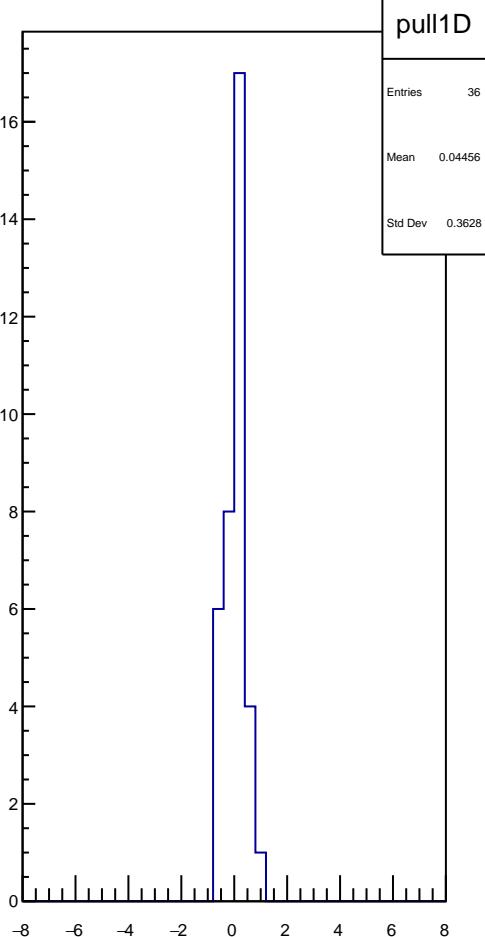
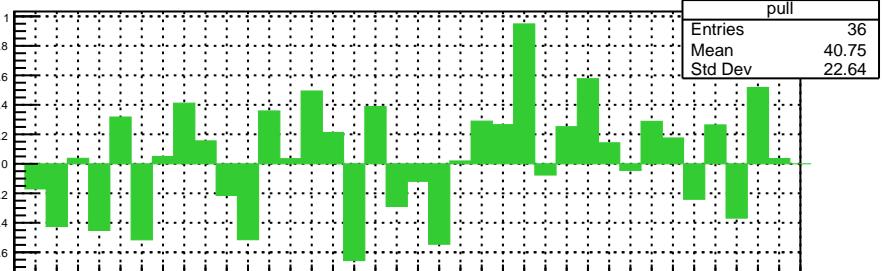
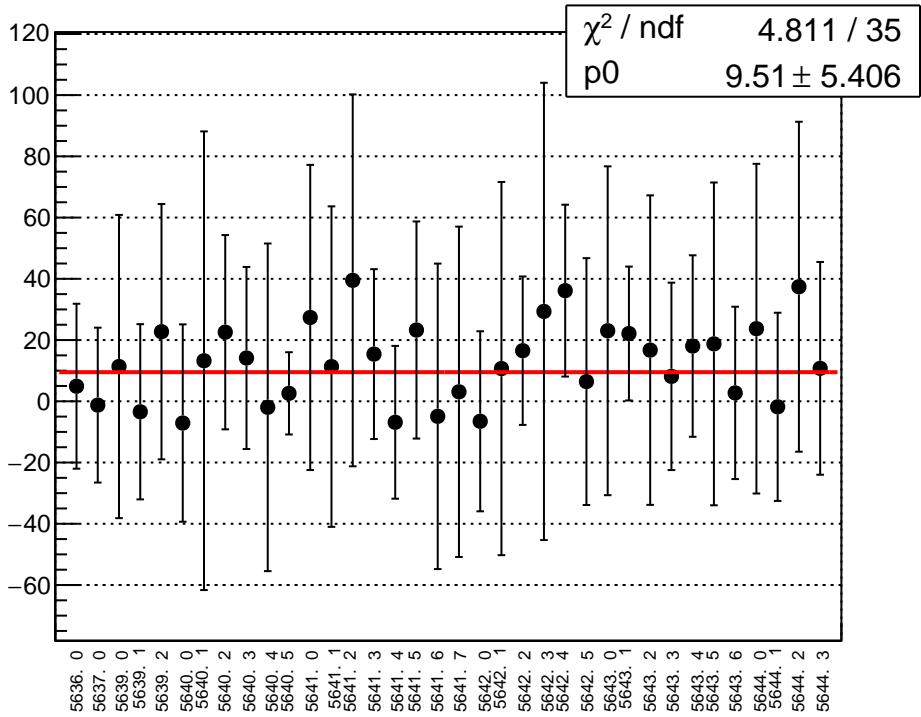
# reg\_asym\_atl1r2\_dd\_diff\_bpm12X\_slope vs run



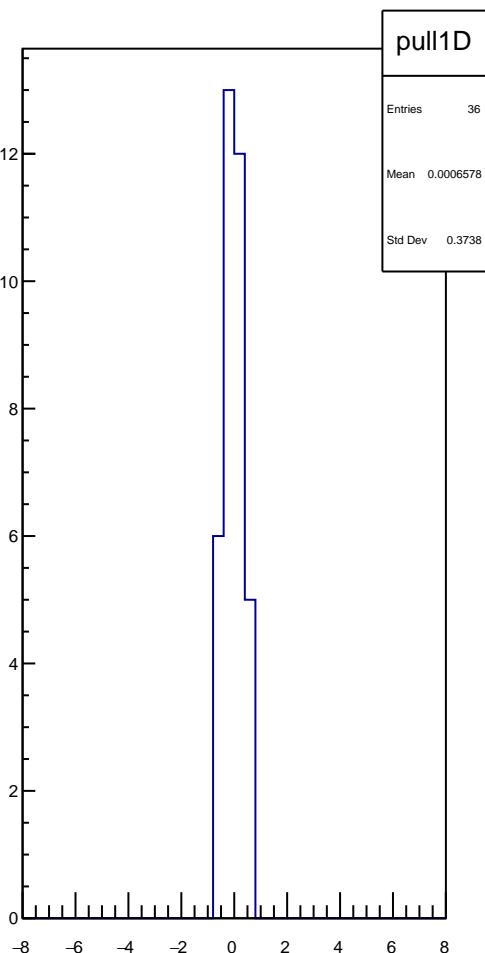
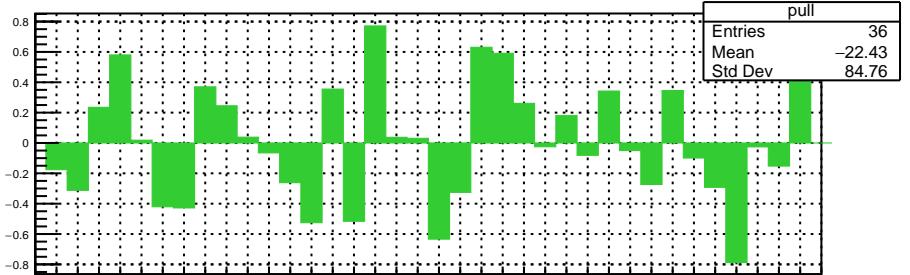
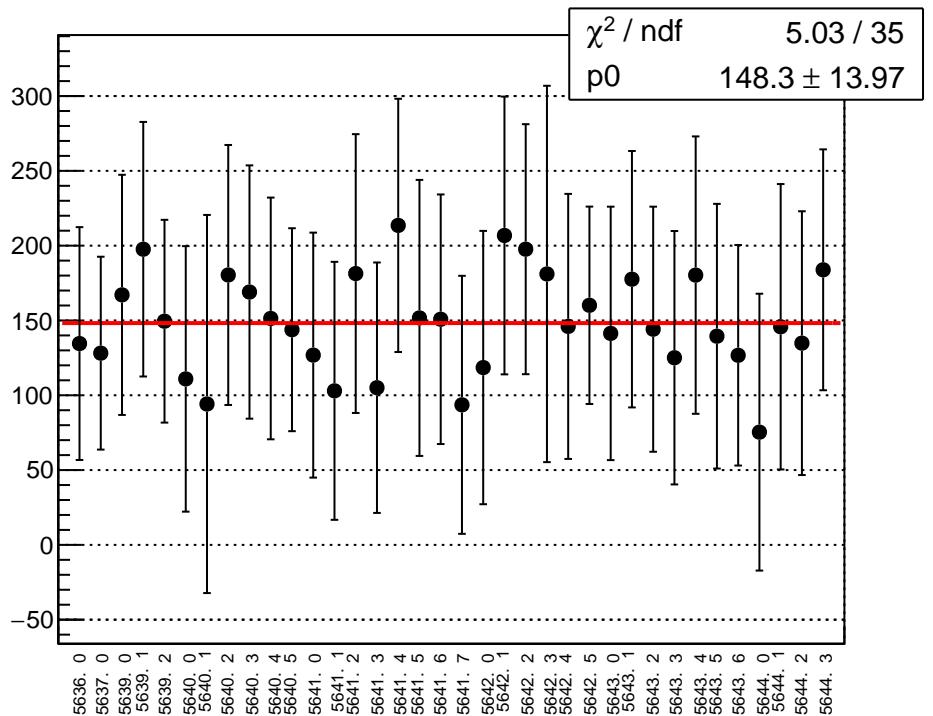
# reg\_asym\_atr1l2\_avg\_diff\_bpm4aX\_slope vs run



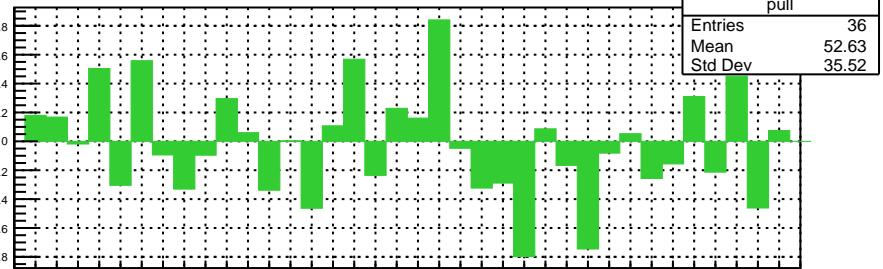
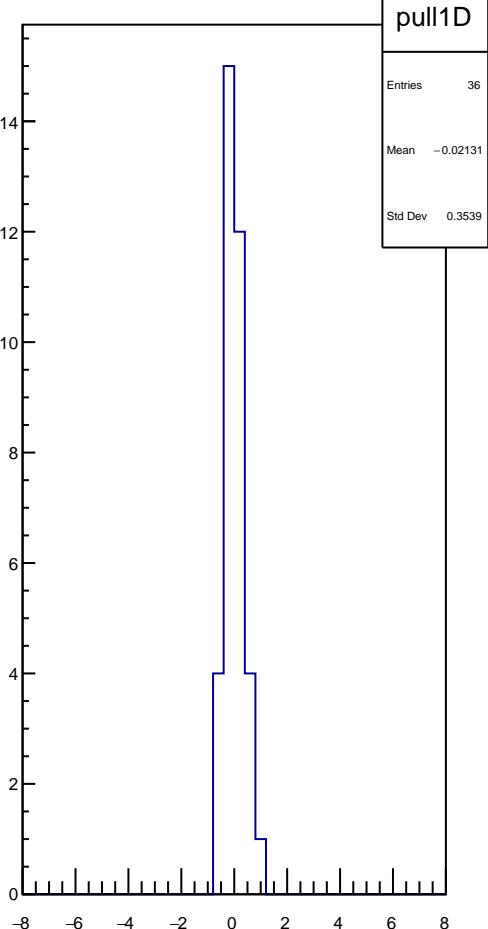
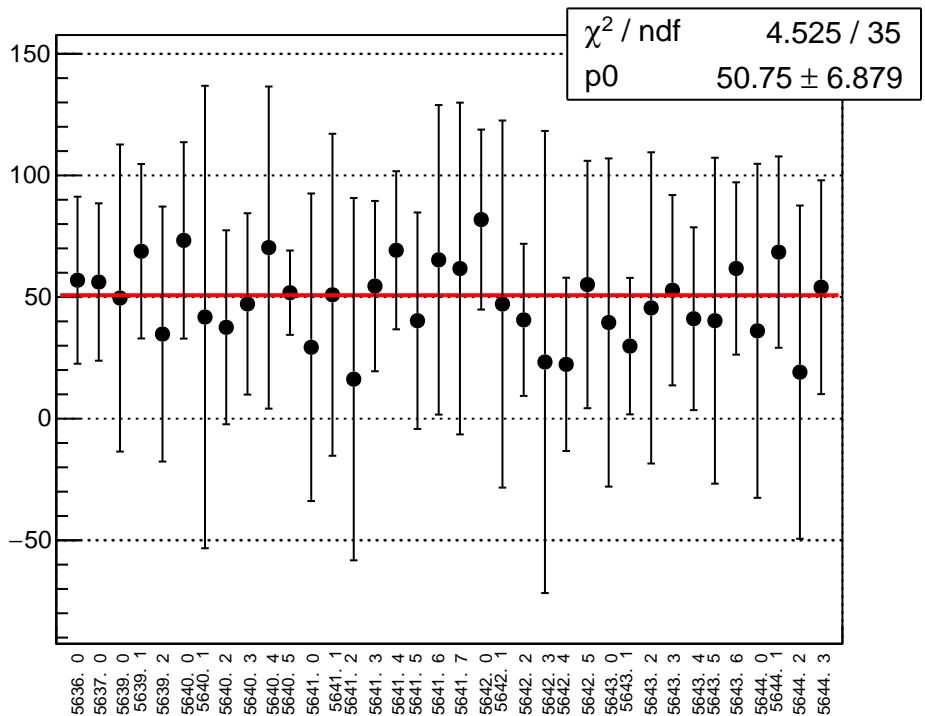
# reg\_asym\_atr1l2\_avg\_diff\_bpm4aY\_slope vs run



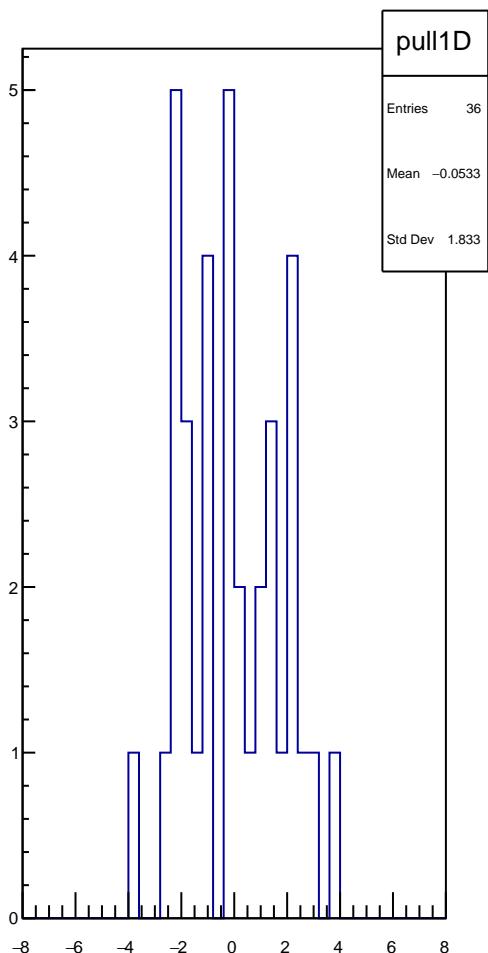
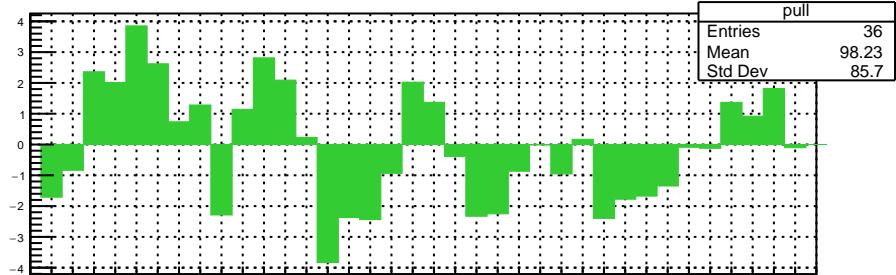
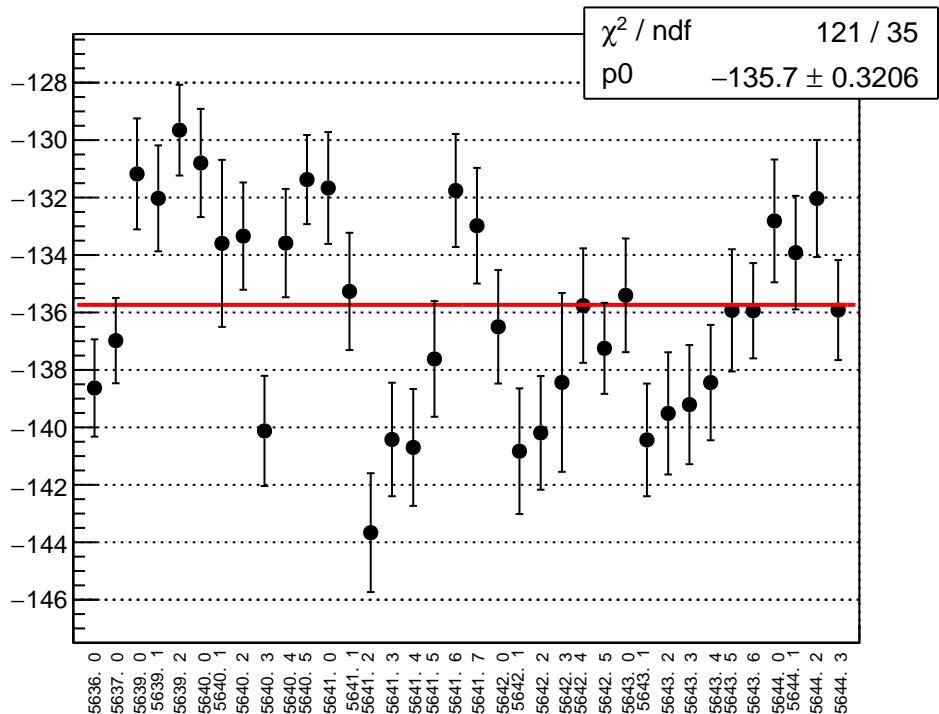
# reg\_asym\_atr1l2\_avg\_diff\_bpm4eX\_slope vs run



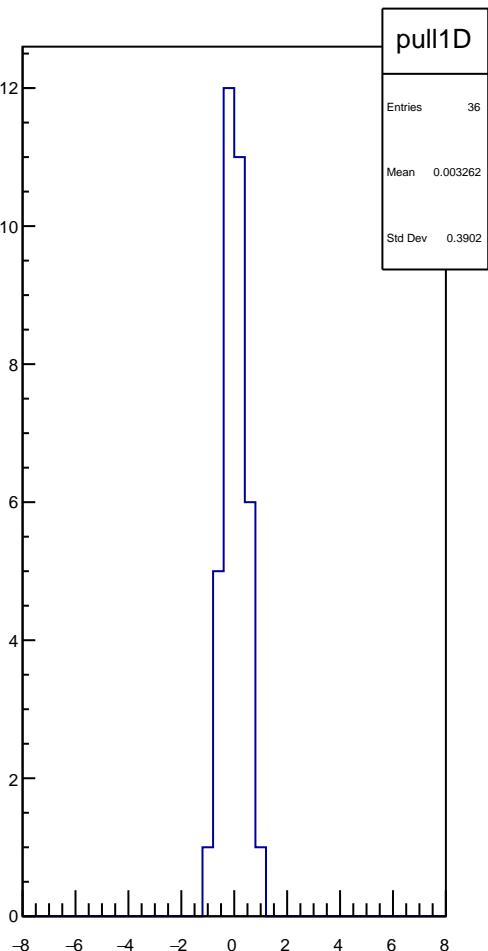
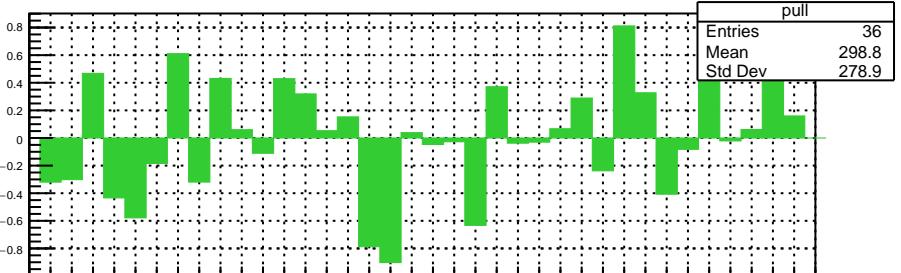
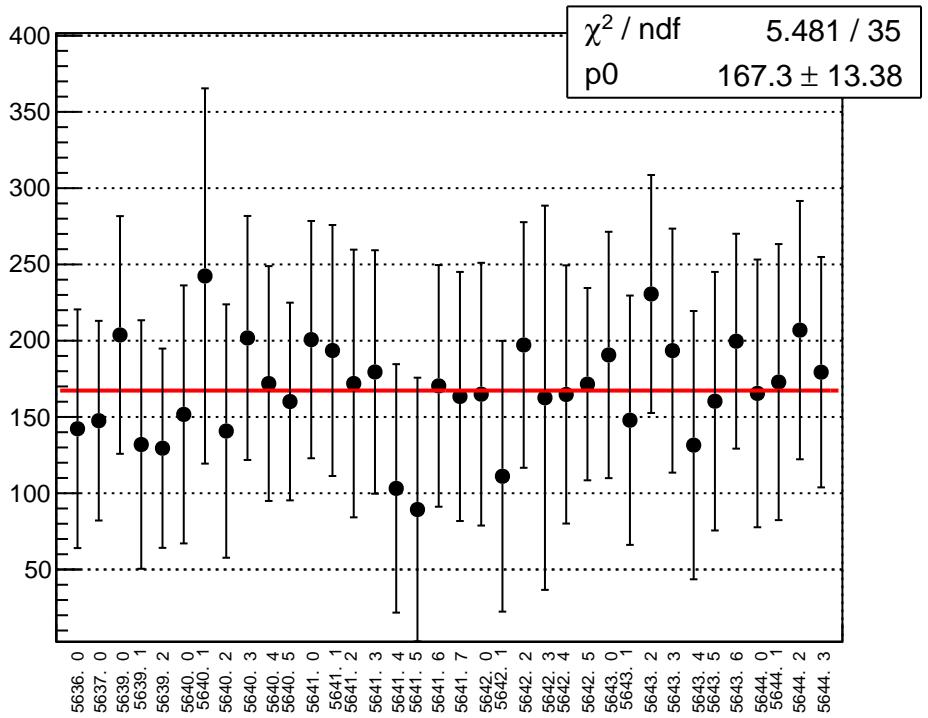
# reg\_asym\_atr1l2\_avg\_diff\_bpm4eY\_slope vs run



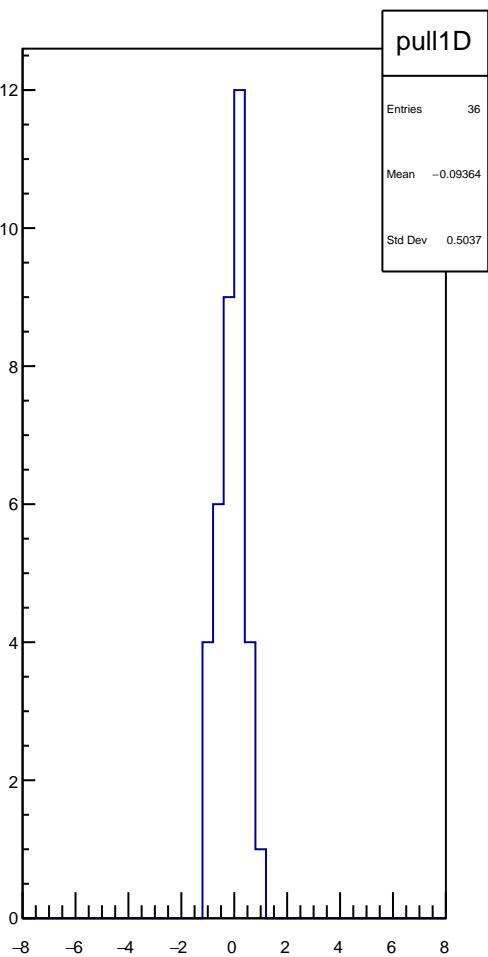
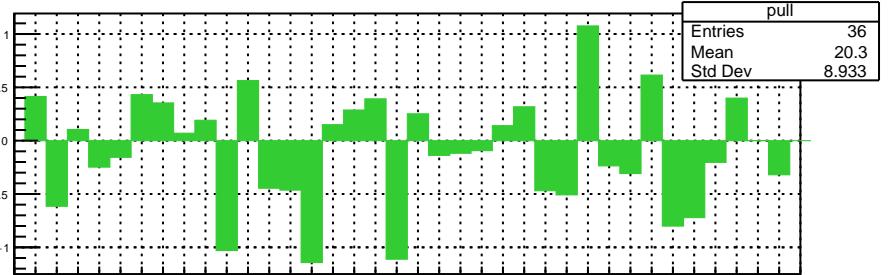
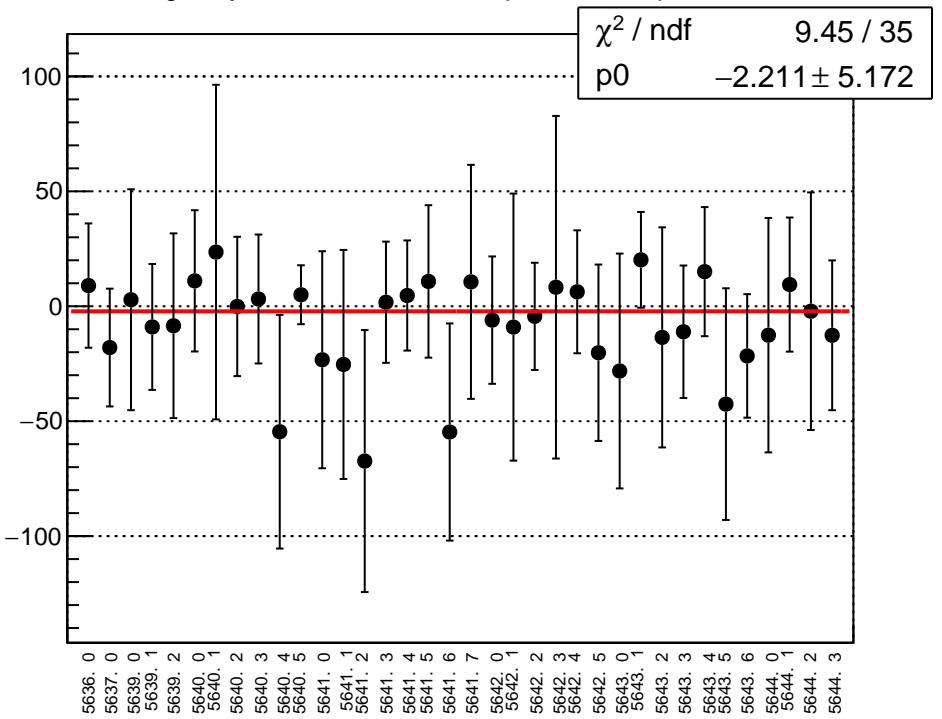
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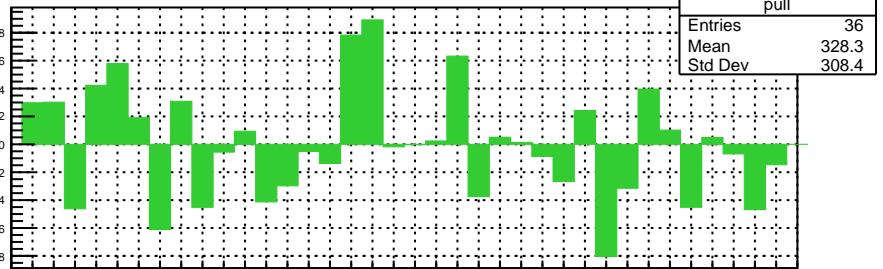
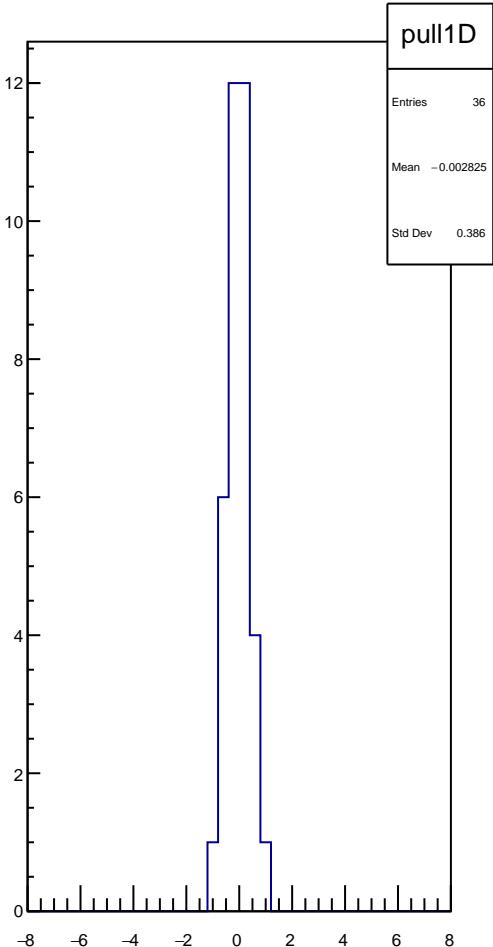
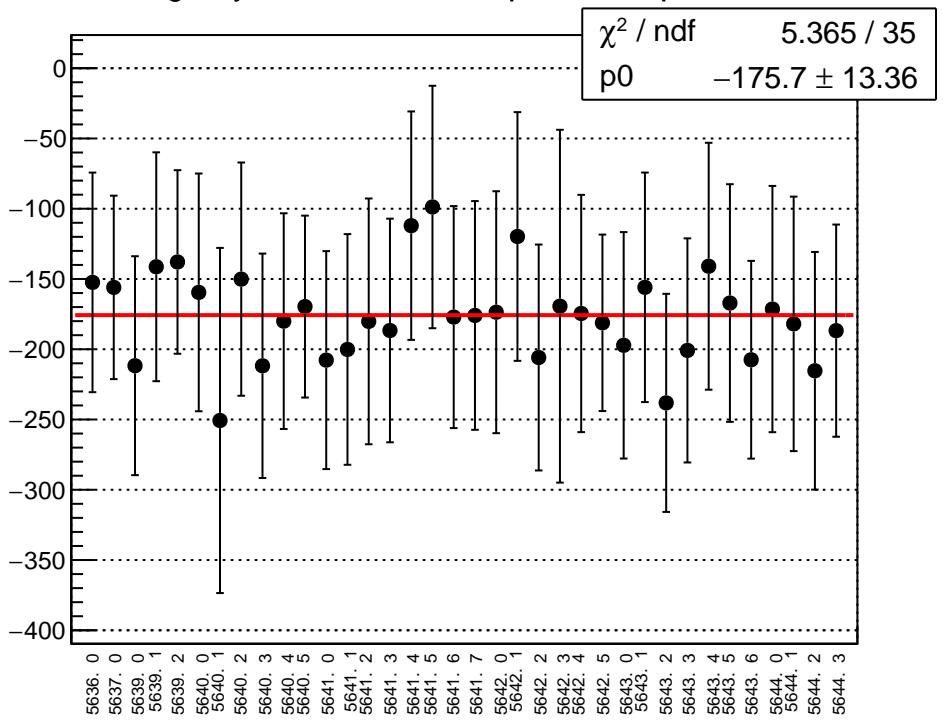
# reg\_asym\_atr1l2\_dd\_diff\_bpm4aX\_slope vs run



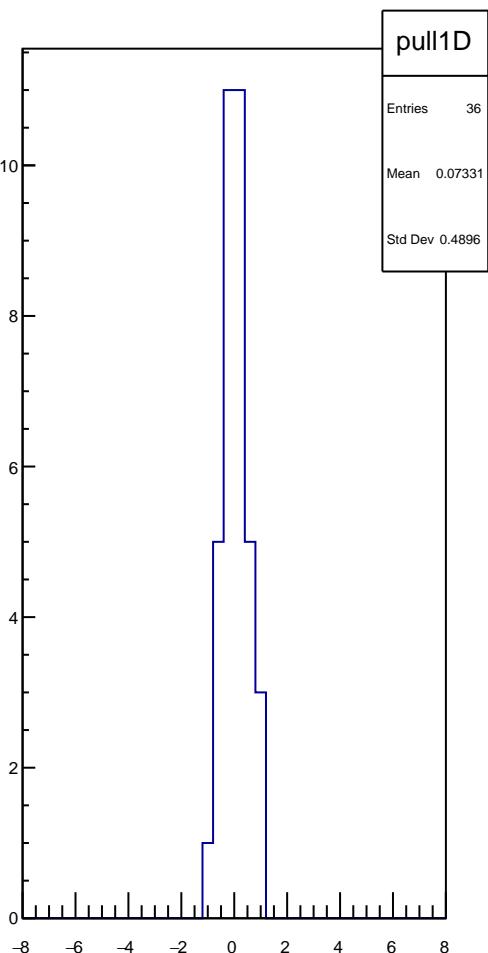
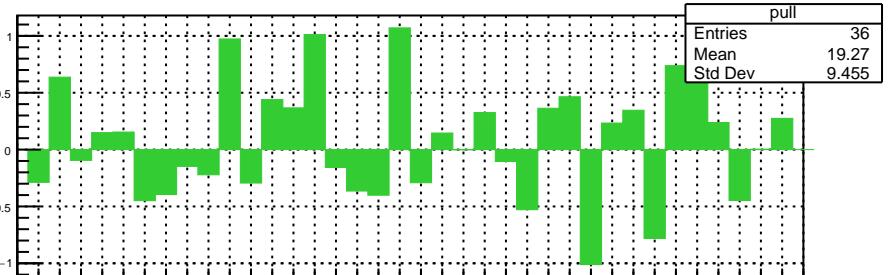
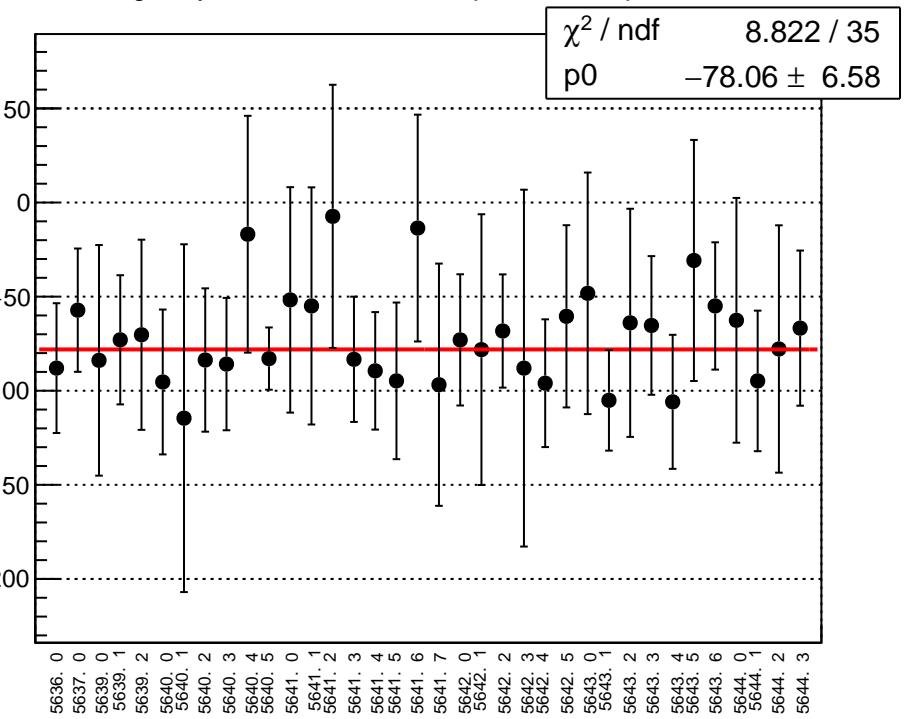
reg\_asym\_atr1l2\_dd\_diff\_bpm4aY\_slope vs run



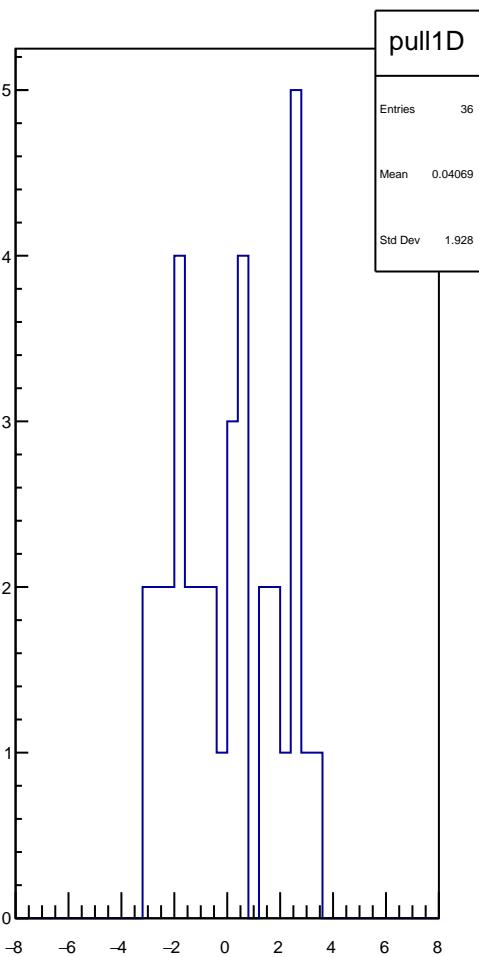
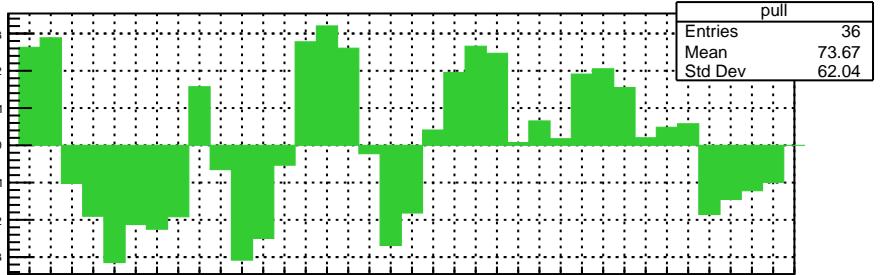
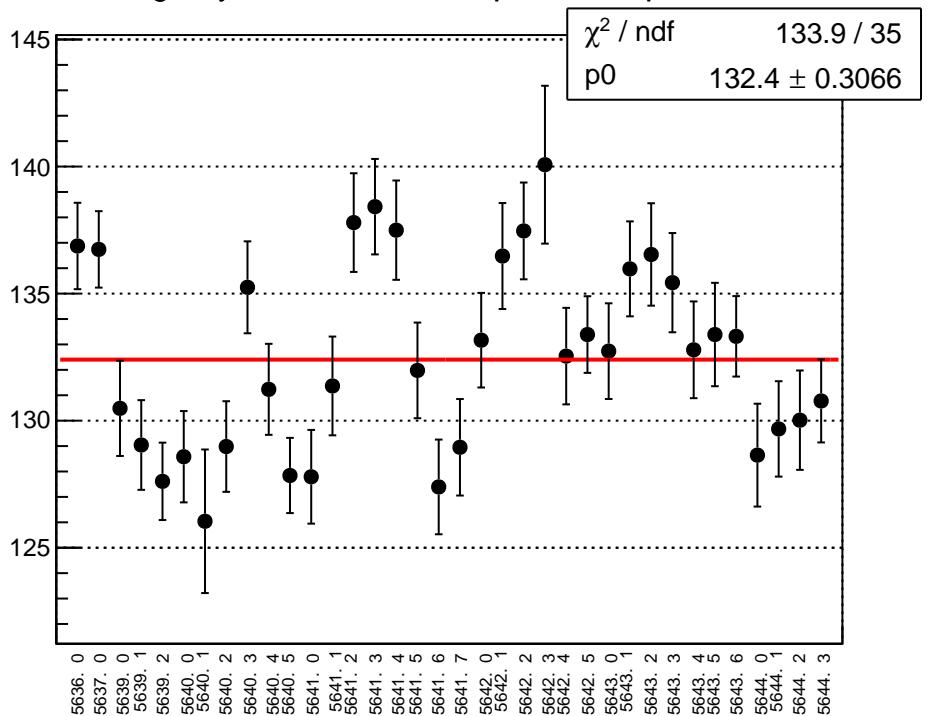
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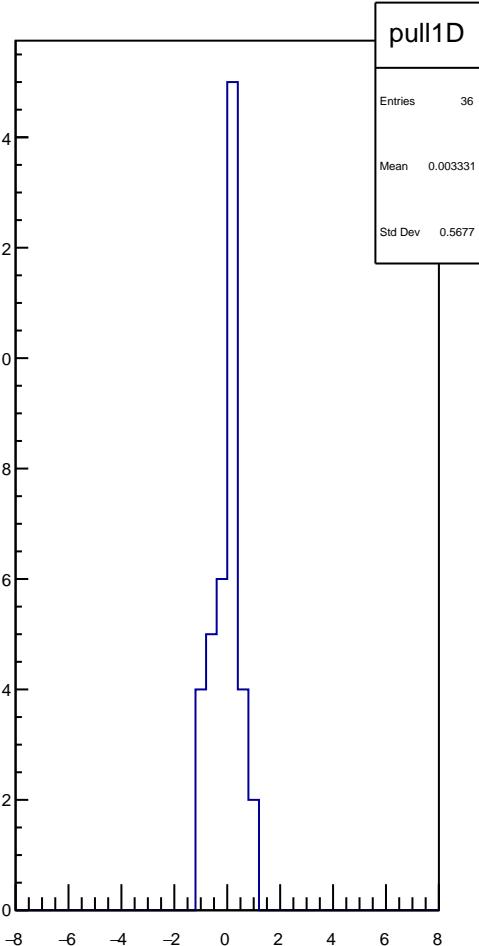
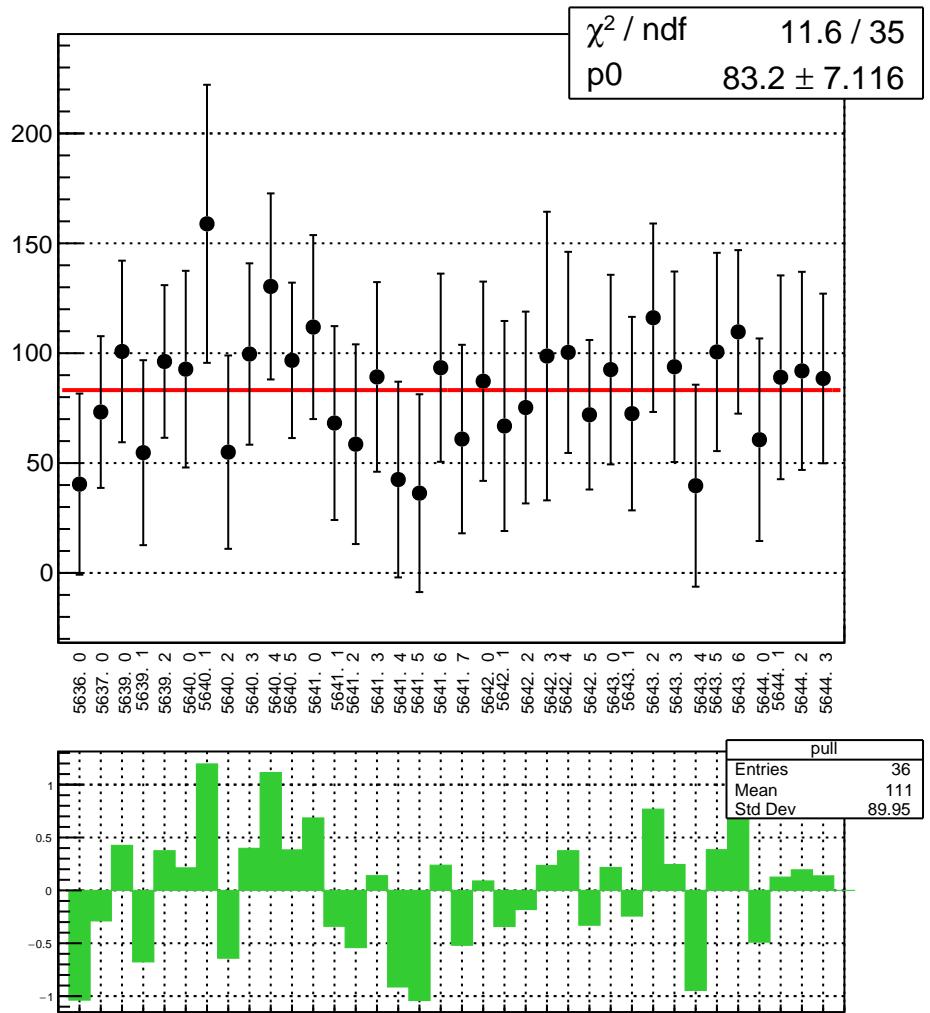
reg\_asym\_atr1l2\_dd\_diff\_bpm4eY\_slope vs run



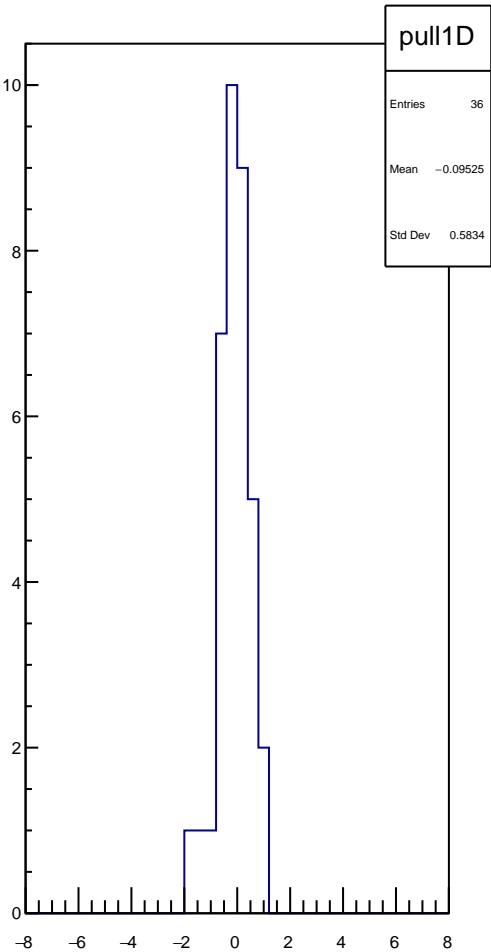
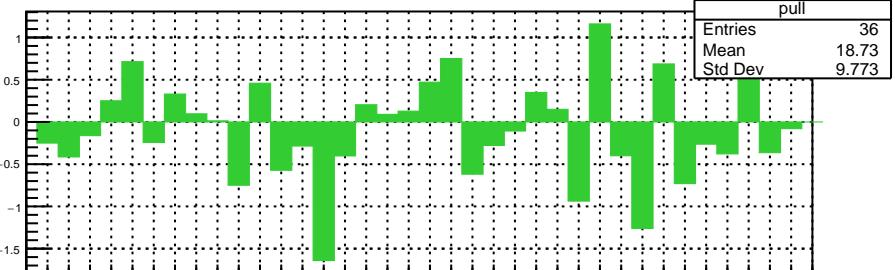
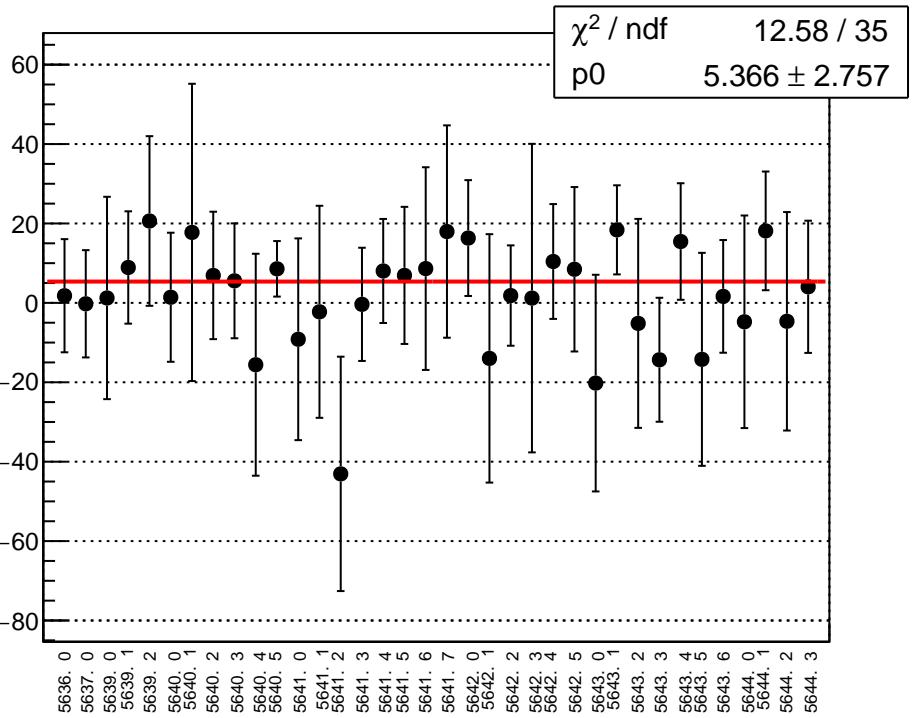
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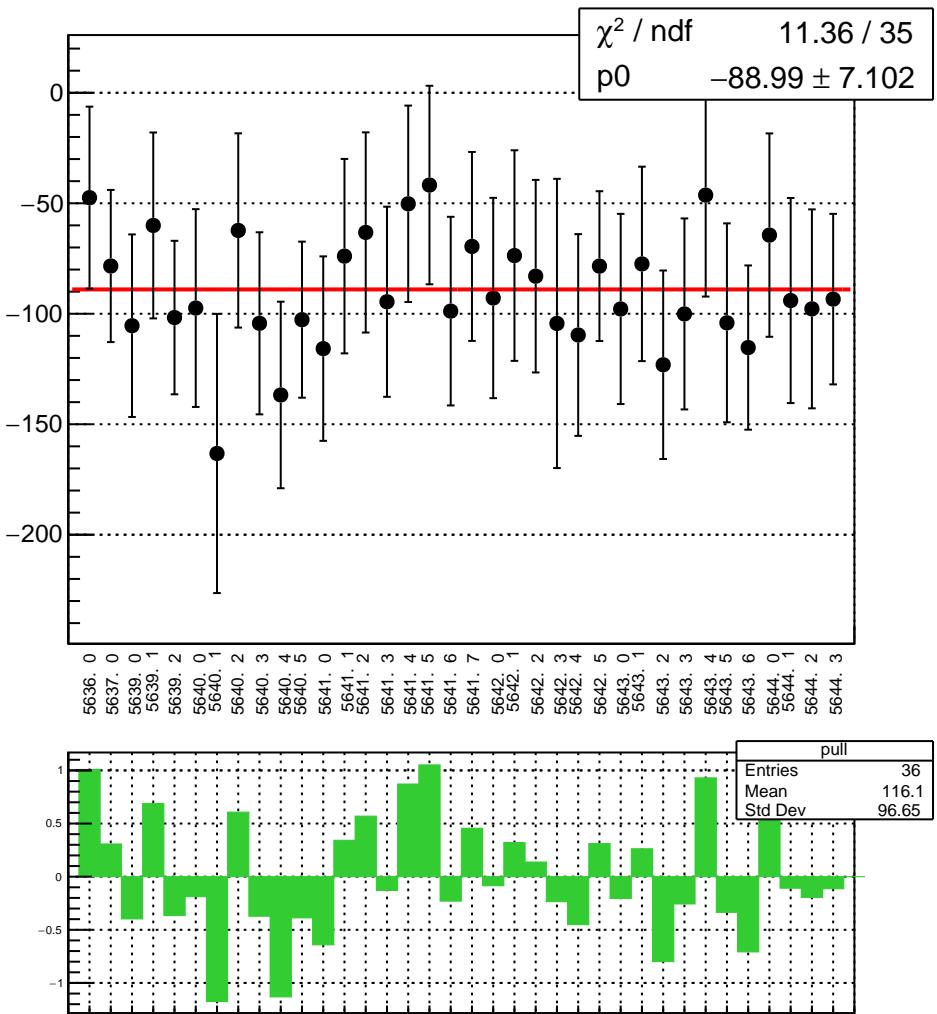
reg\_asym\_atl\_dd\_atr\_dd\_avg\_diff\_bpm4aX\_slope vs run



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



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



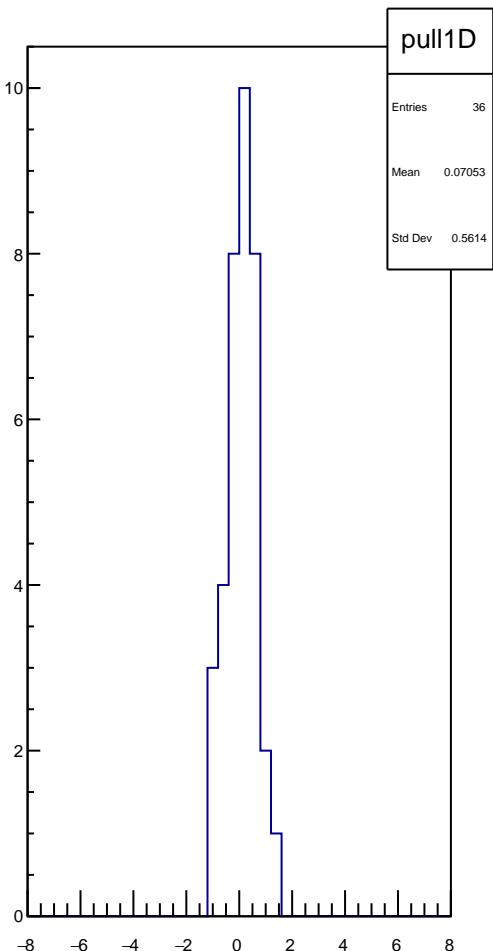
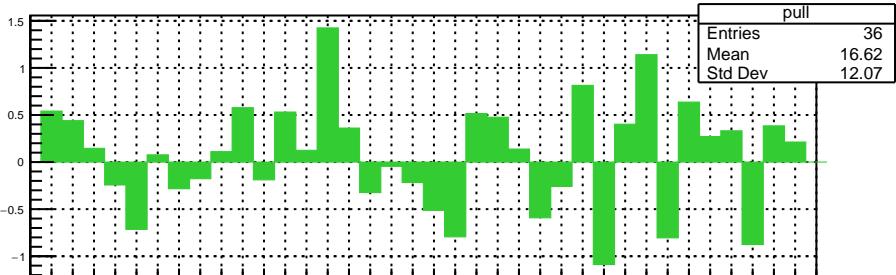
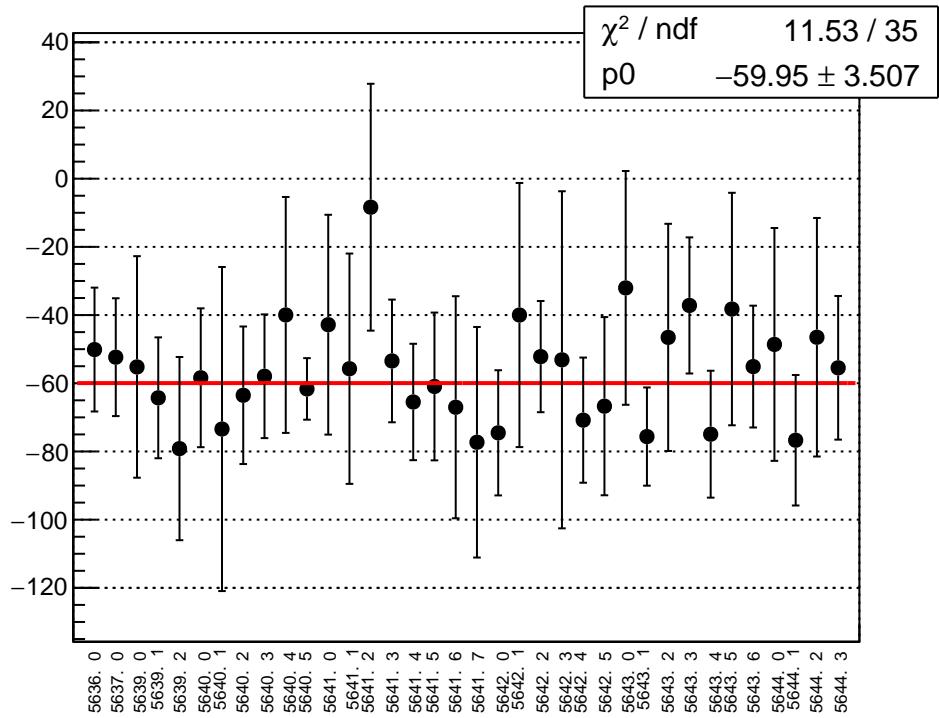
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Entries 36

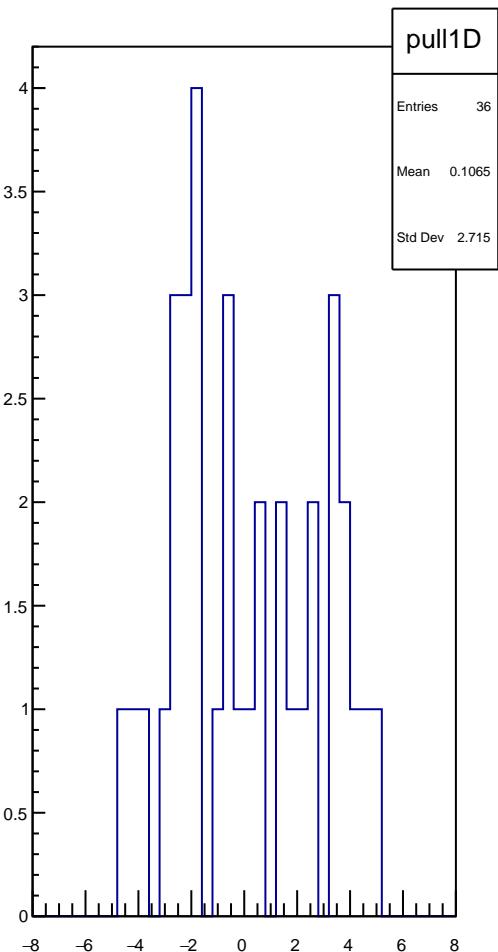
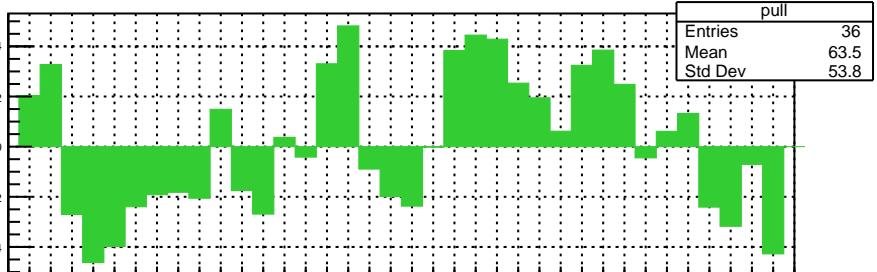
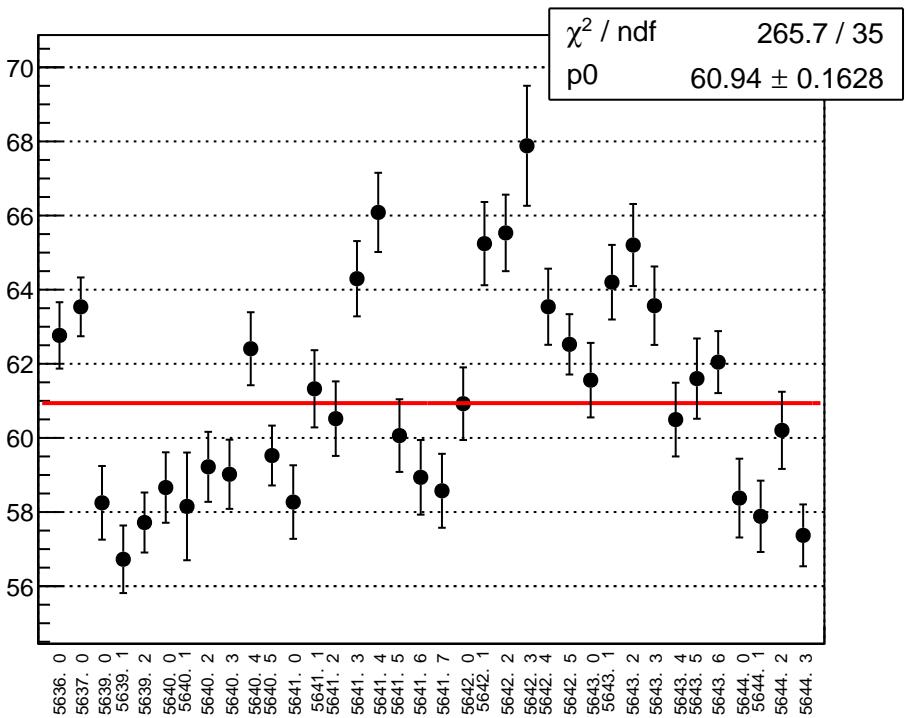
Mean  $-0.003245$

Std Dev 0.5617

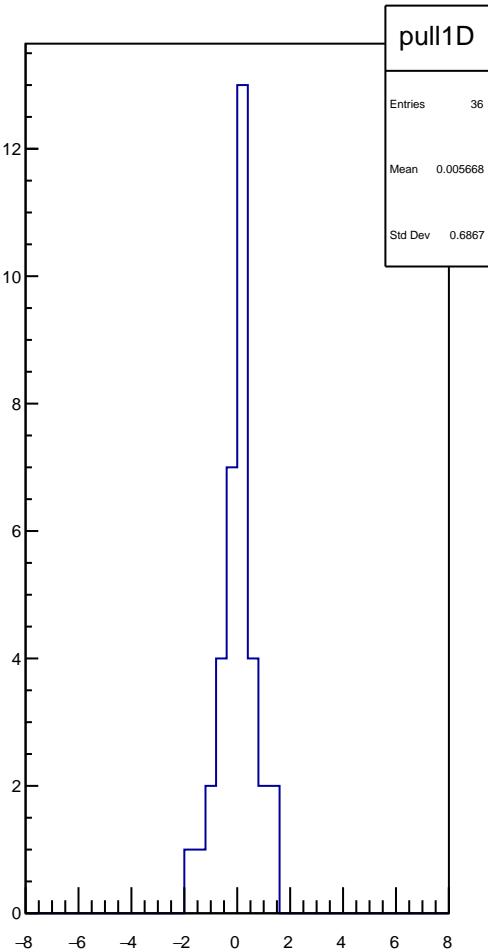
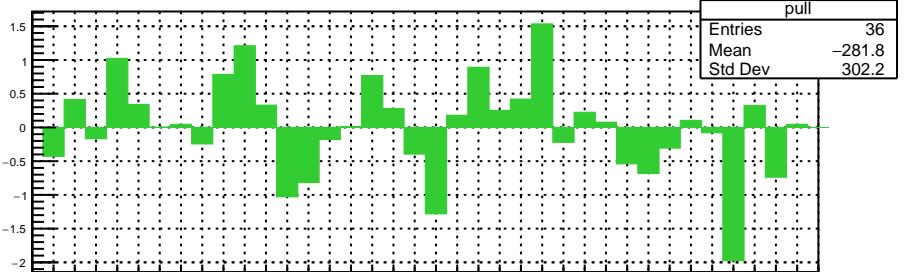
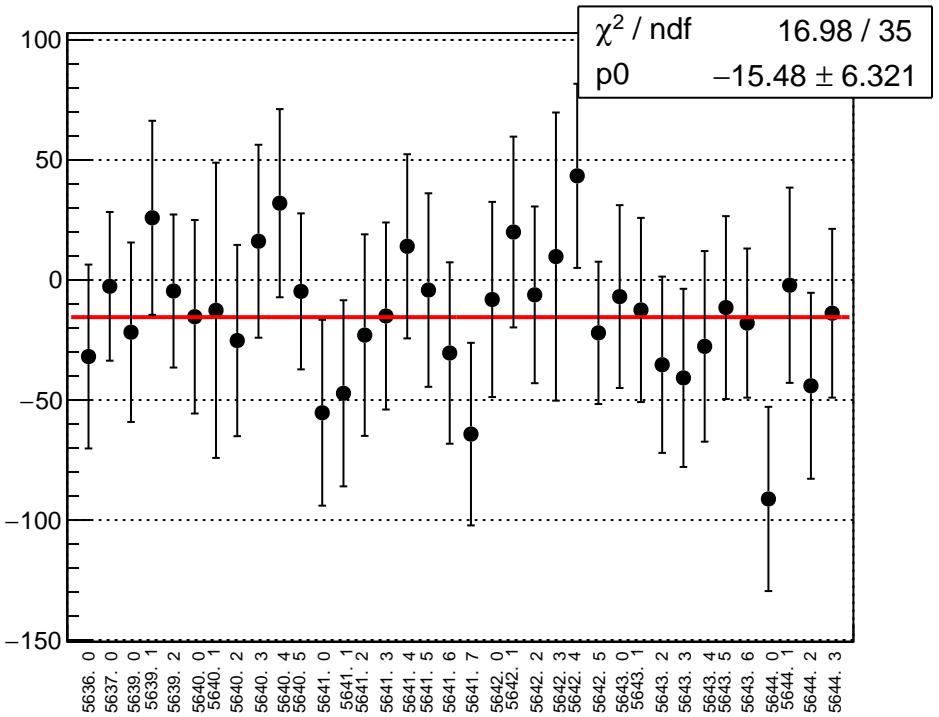
reg\_asym\_atl\_dd\_atr\_dd\_avg\_diff\_bpm4eY\_slope vs run



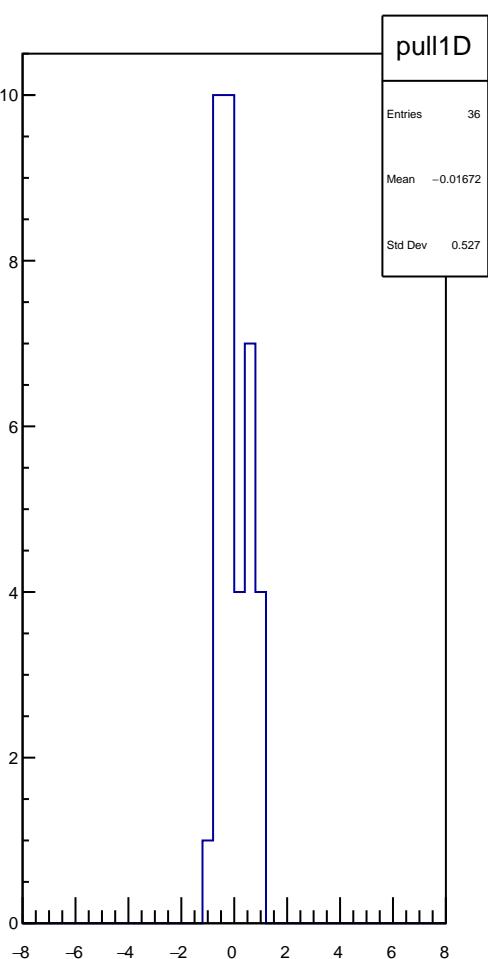
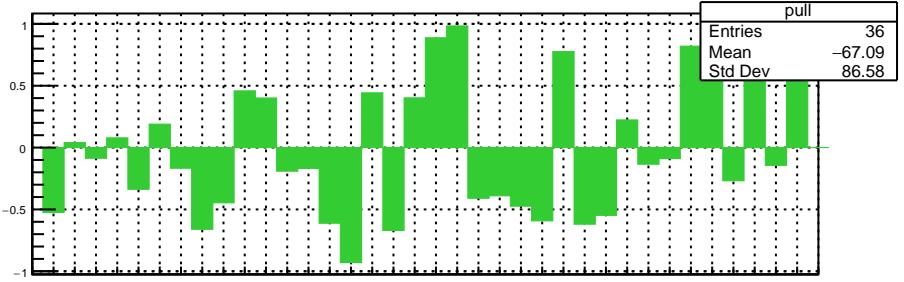
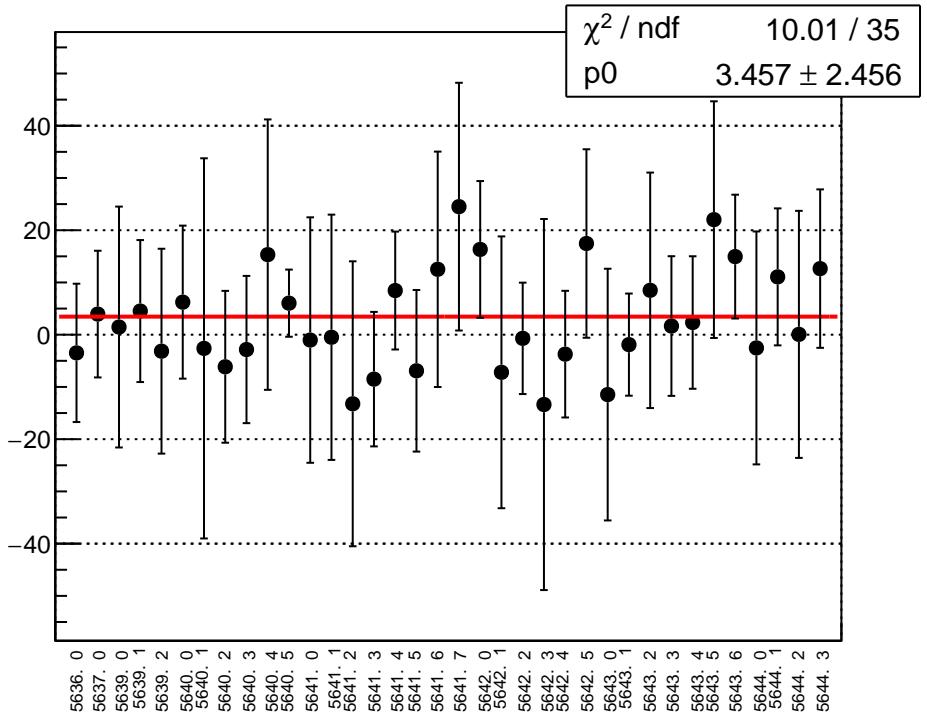
reg\_asym\_atl\_dd\_atr\_dd\_avg\_diff\_bpm12X\_slope vs run



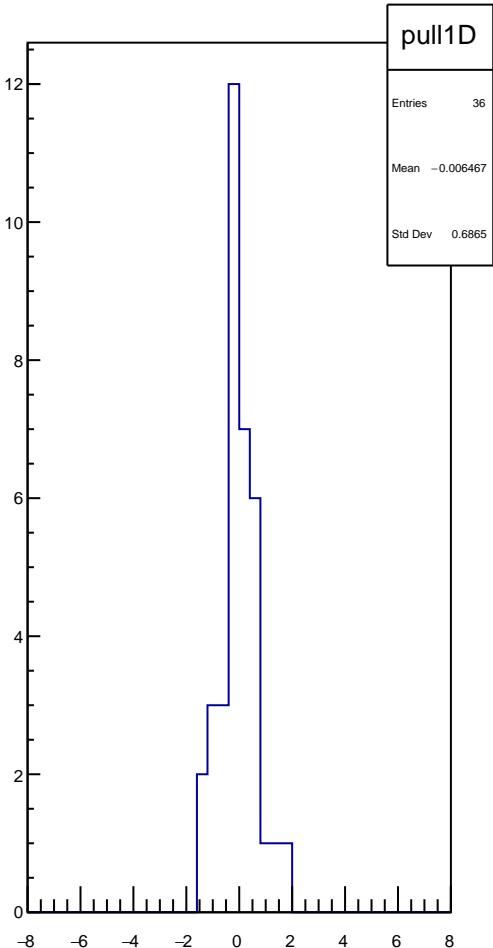
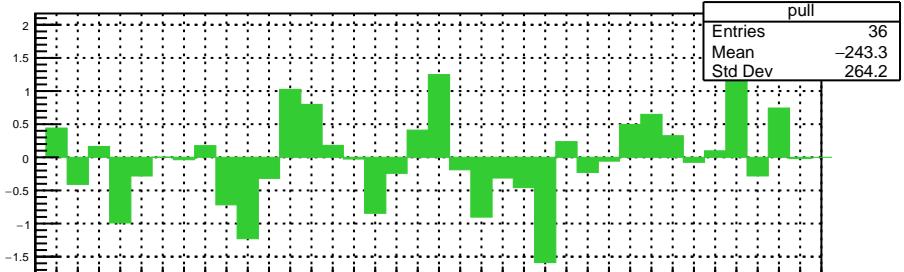
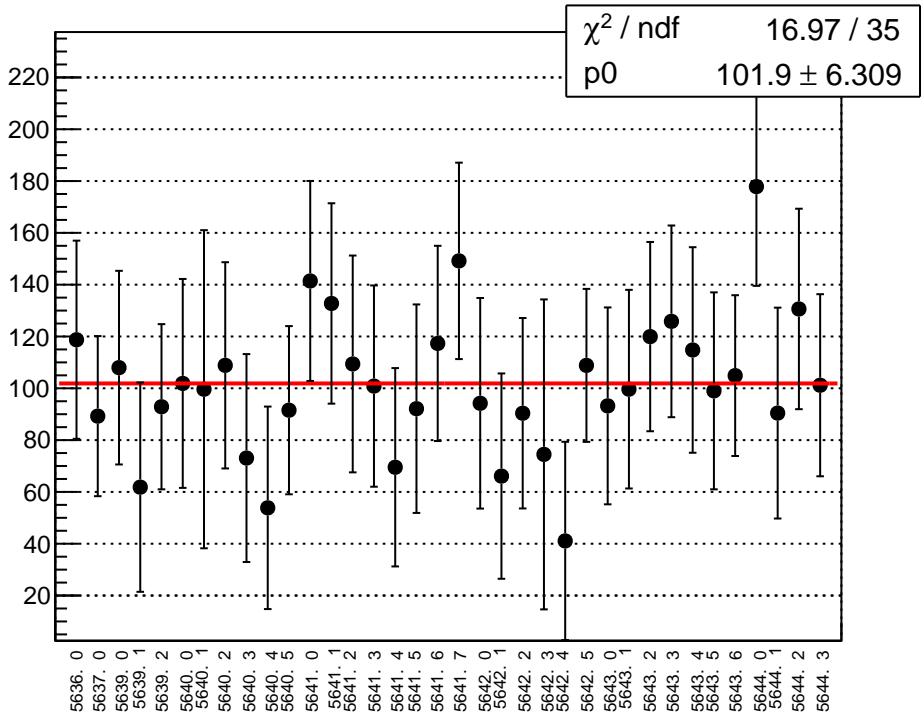
# reg\_asym\_atl\_dd\_atr\_dd\_dd\_diff\_bpm4aX\_slope vs run



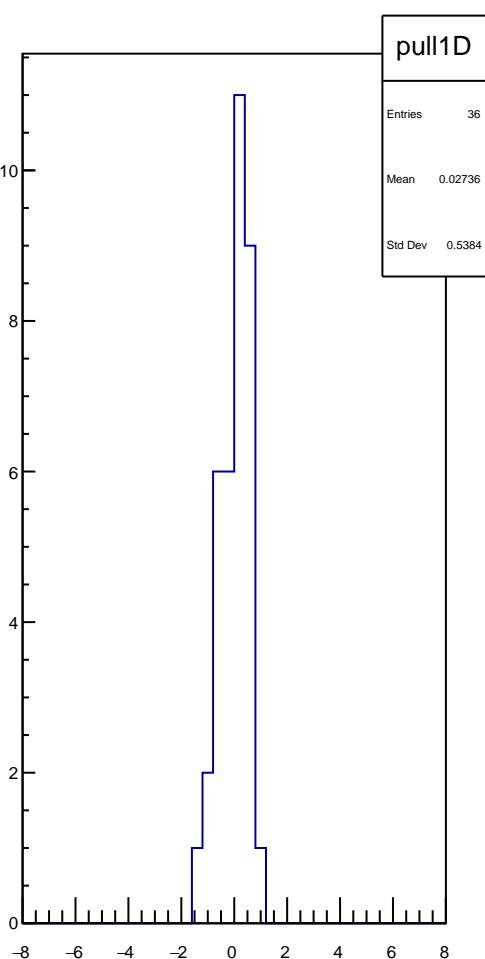
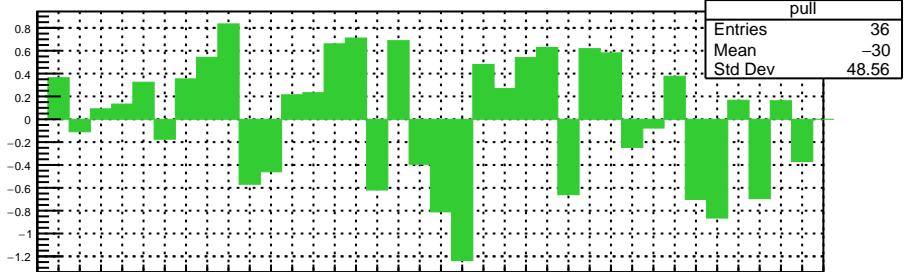
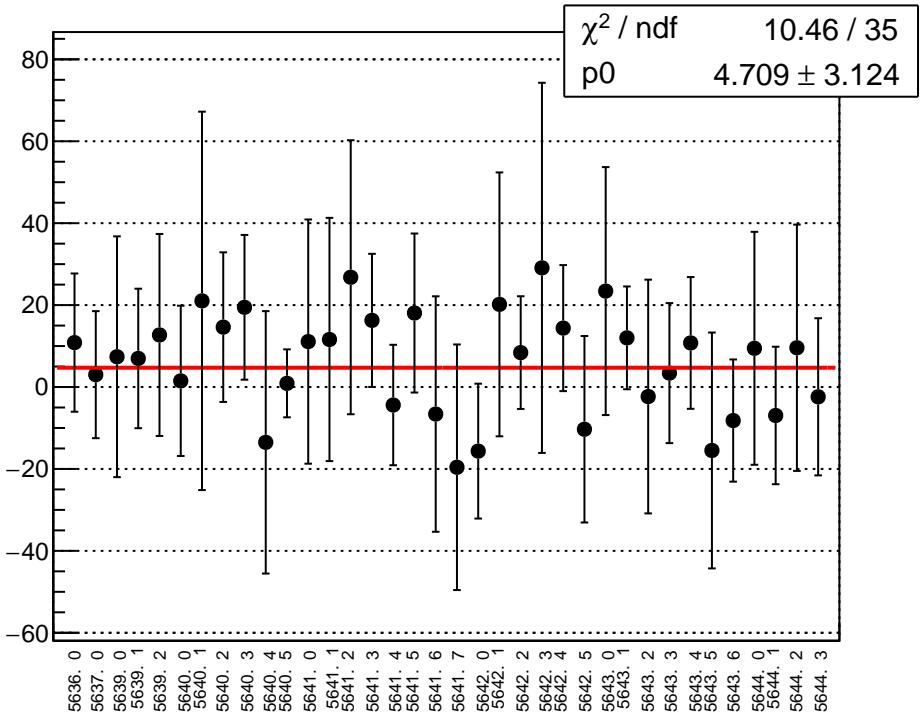
# reg\_asym\_atl\_dd\_atr\_dd\_dd\_diff\_bpm4aY\_slope vs run



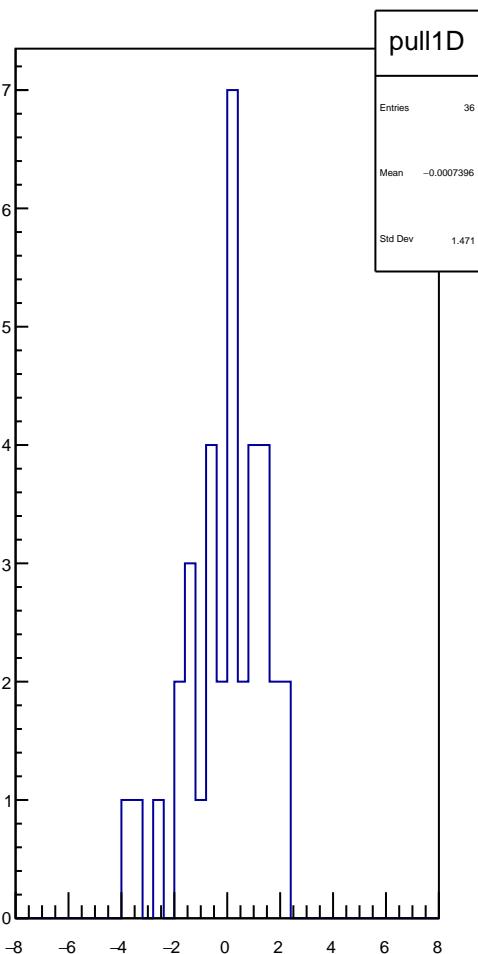
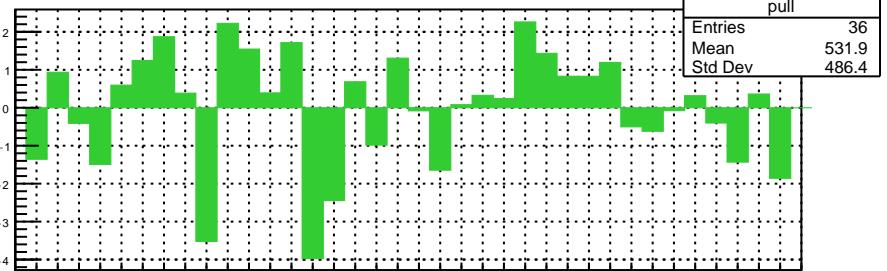
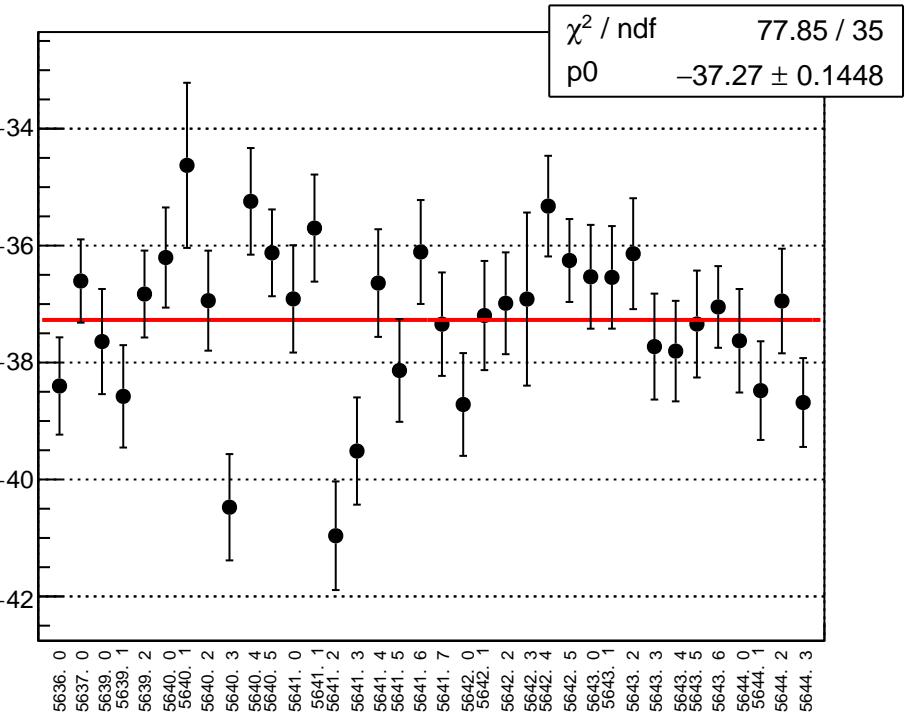
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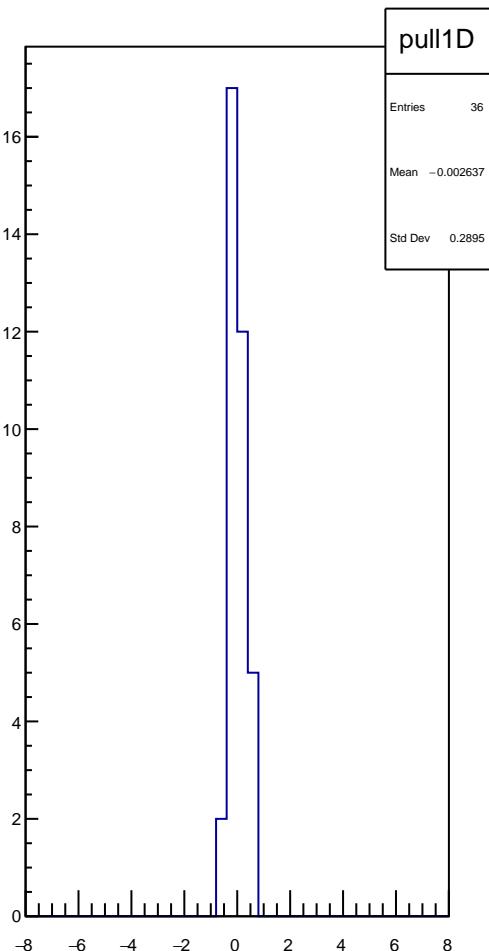
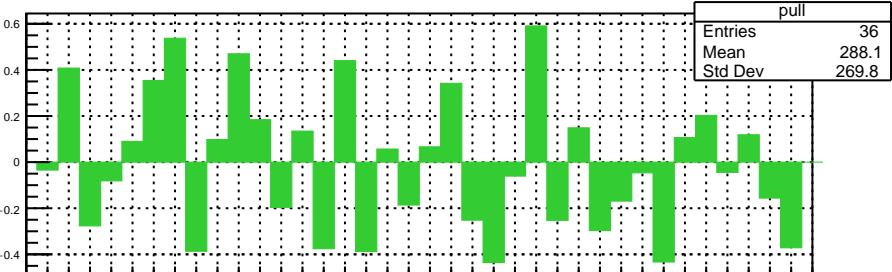
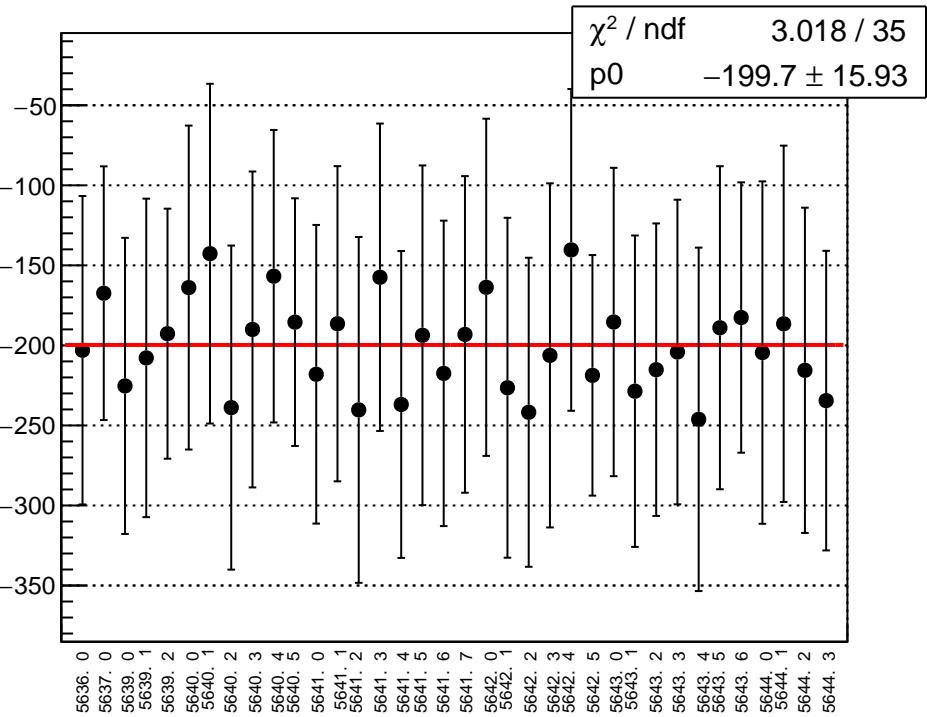
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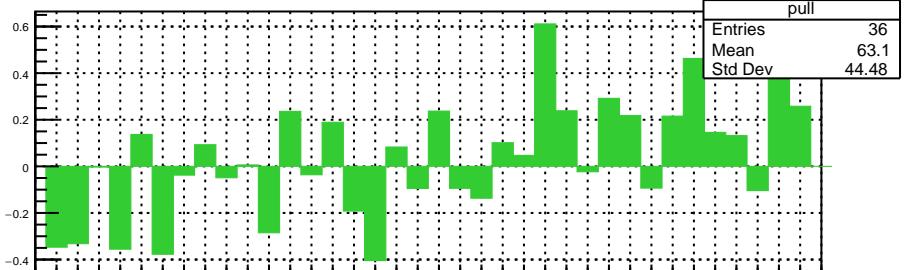
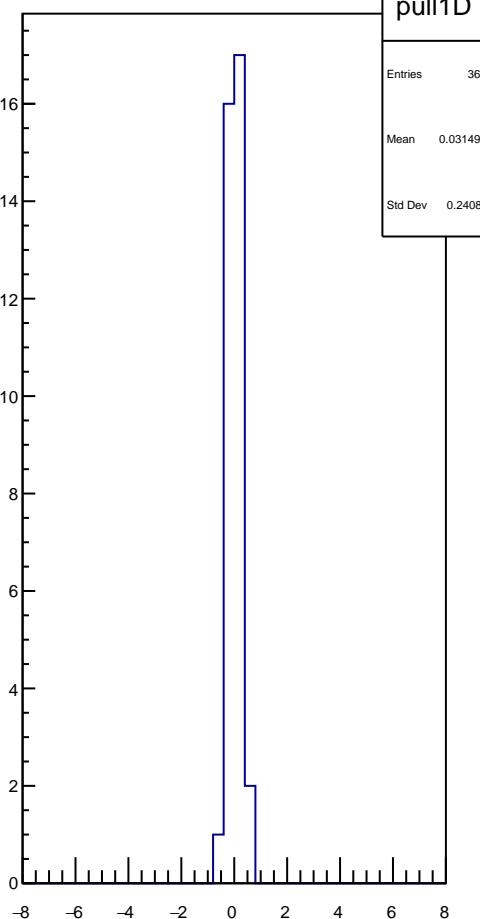
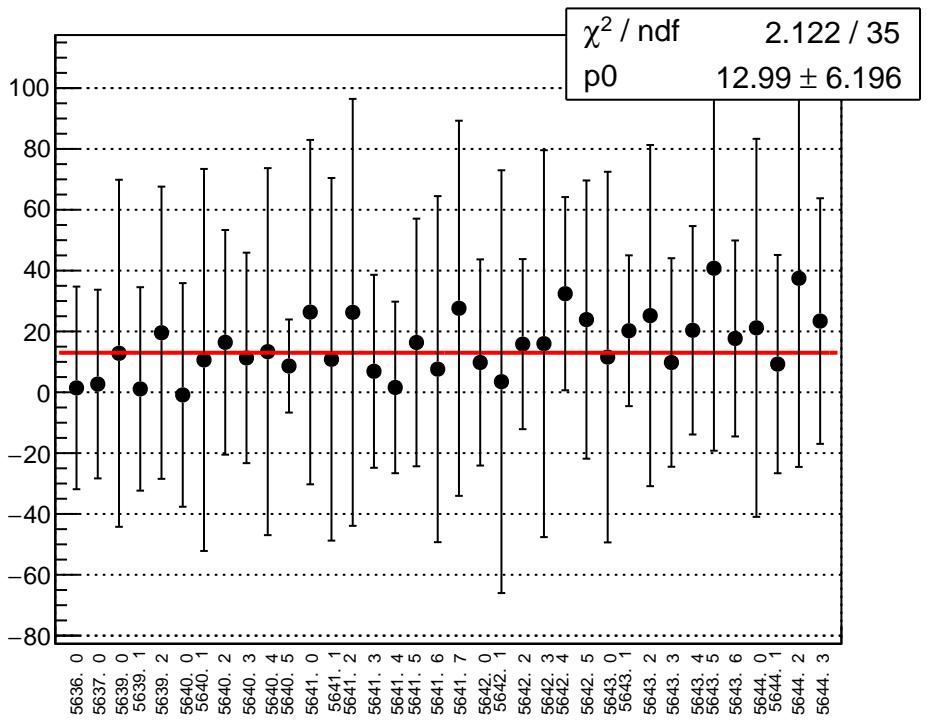
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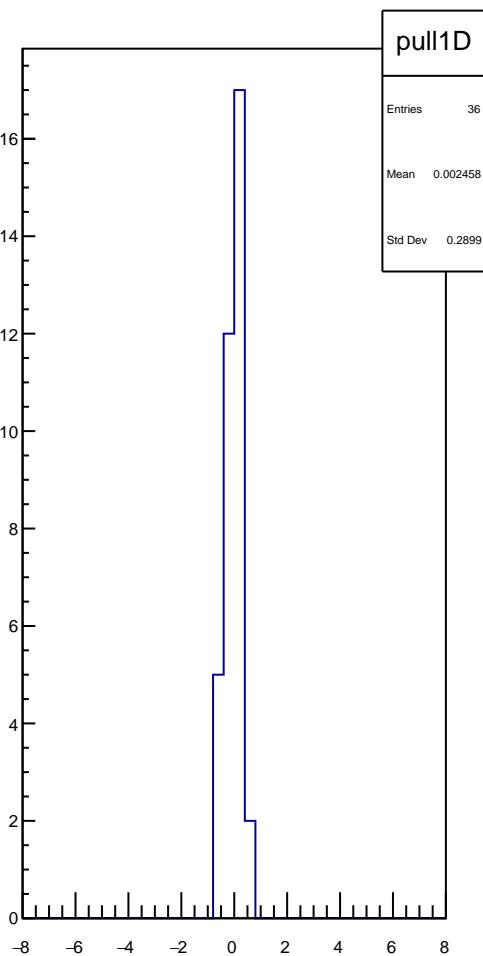
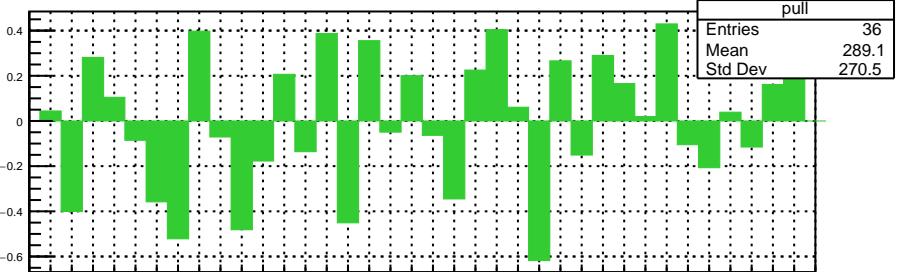
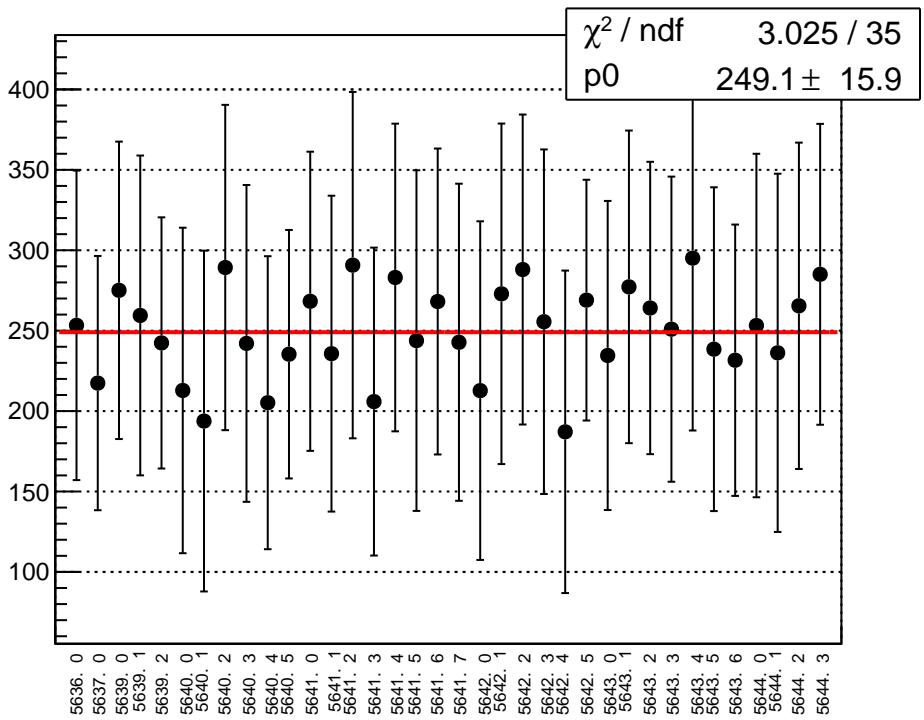
reg\_asym\_atl\_avg\_atr\_avg\_avg\_diff\_bpm4aX\_slope vs run



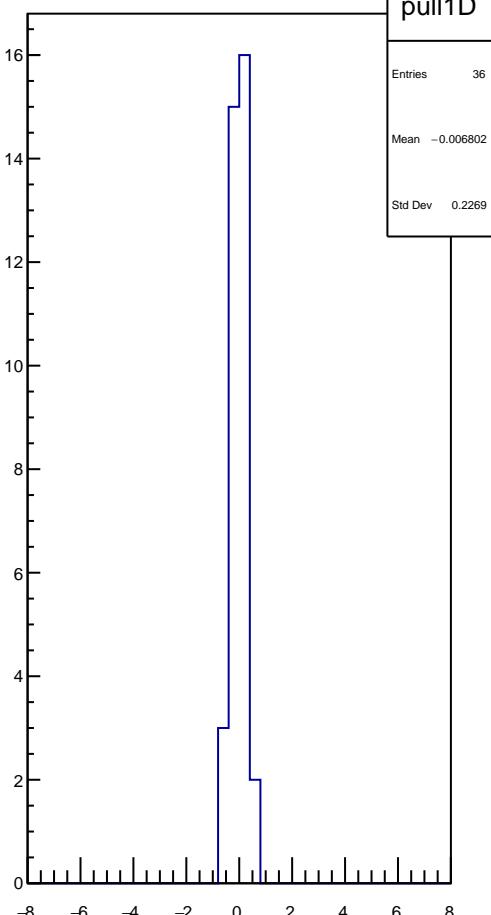
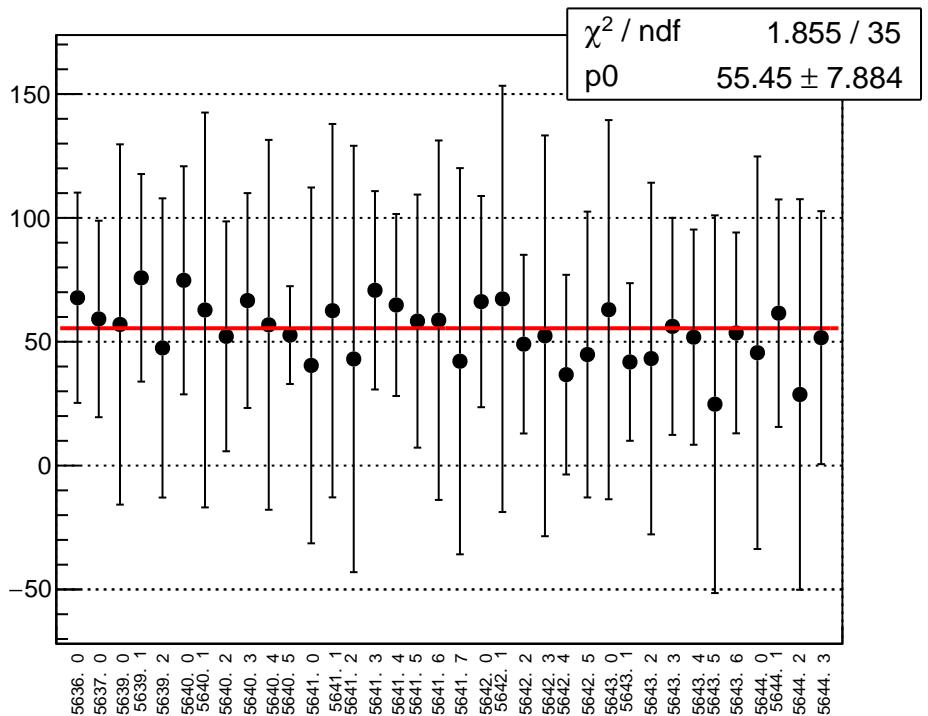
reg\_asym\_atl\_avg\_atr\_avg\_avg\_diff\_bpm4aY\_slope vs run



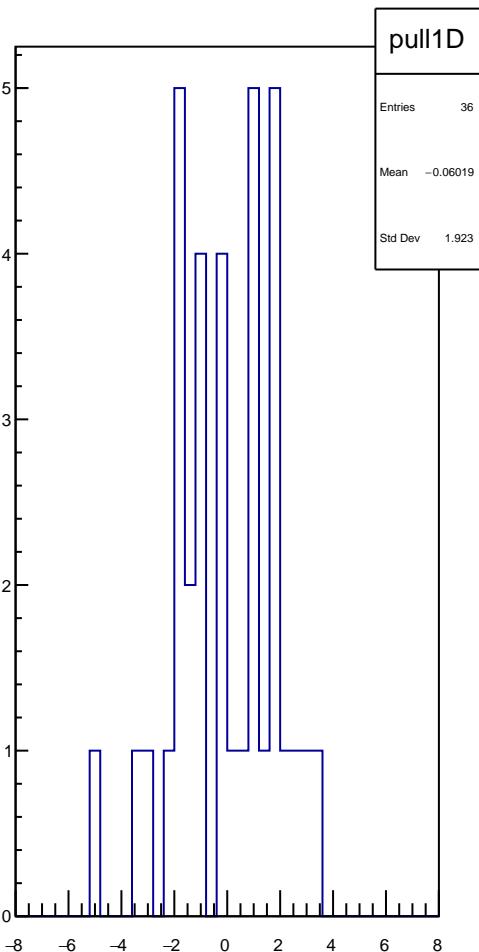
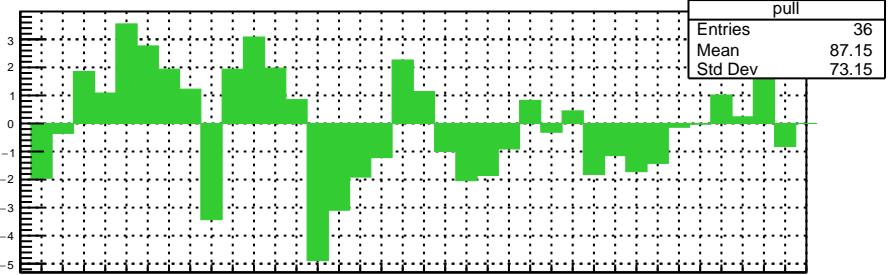
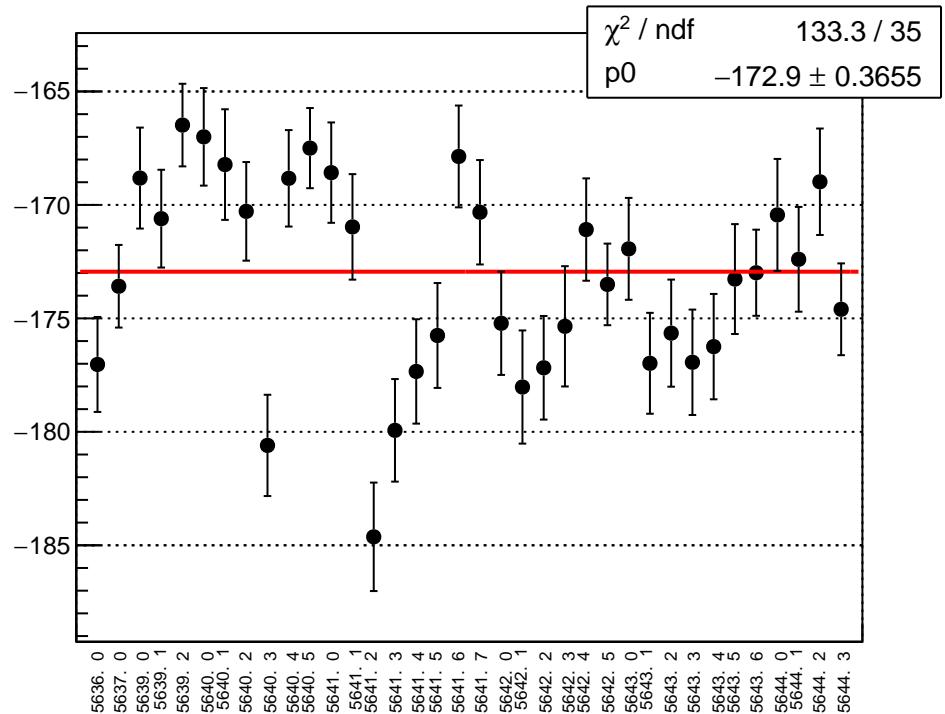
# reg\_asym\_atl\_avg\_atr\_avg\_avg\_diff\_bpm4eX\_slope vs run



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

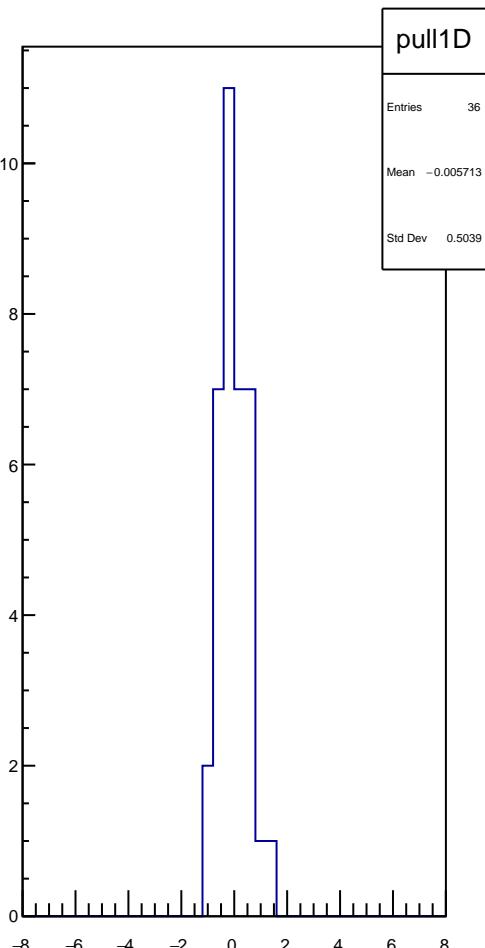
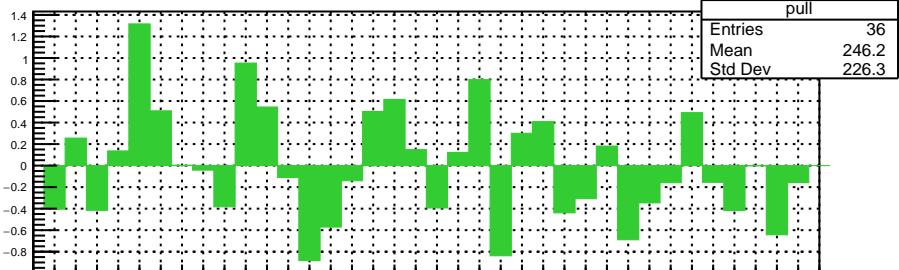
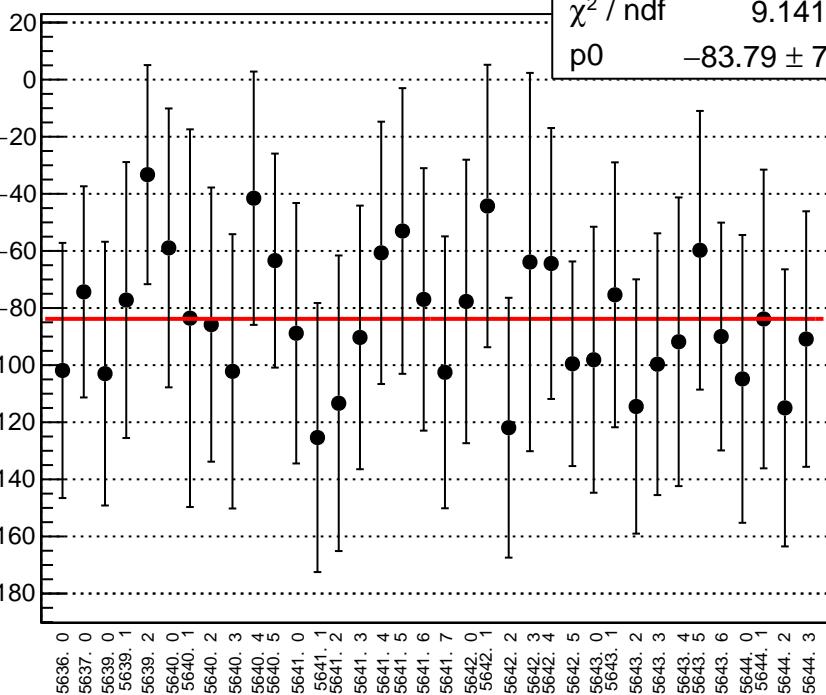


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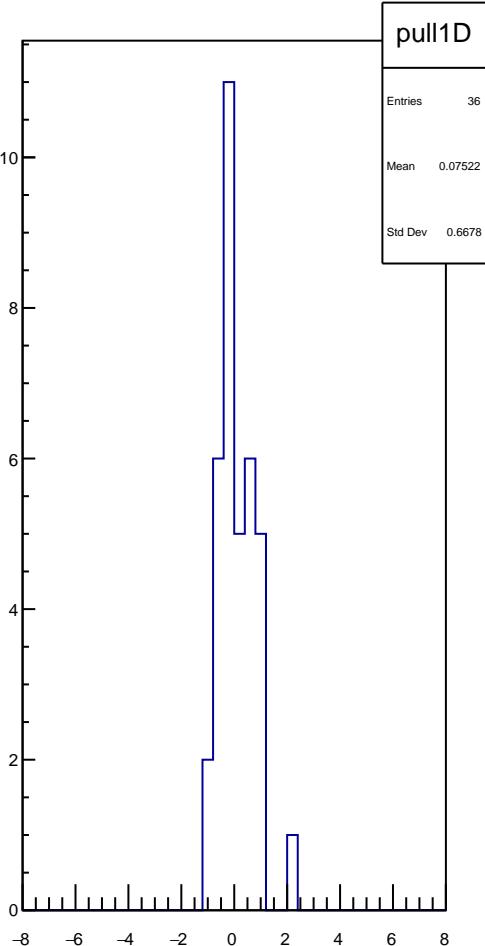
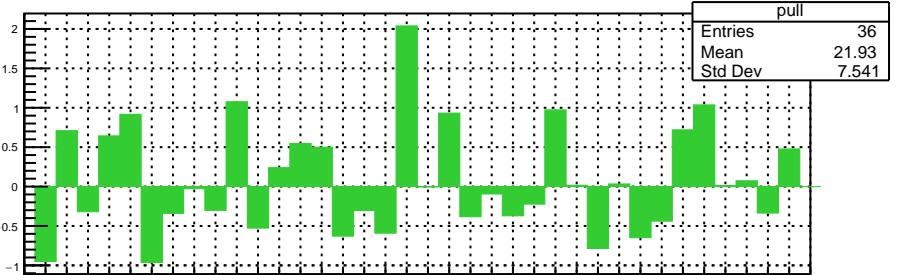
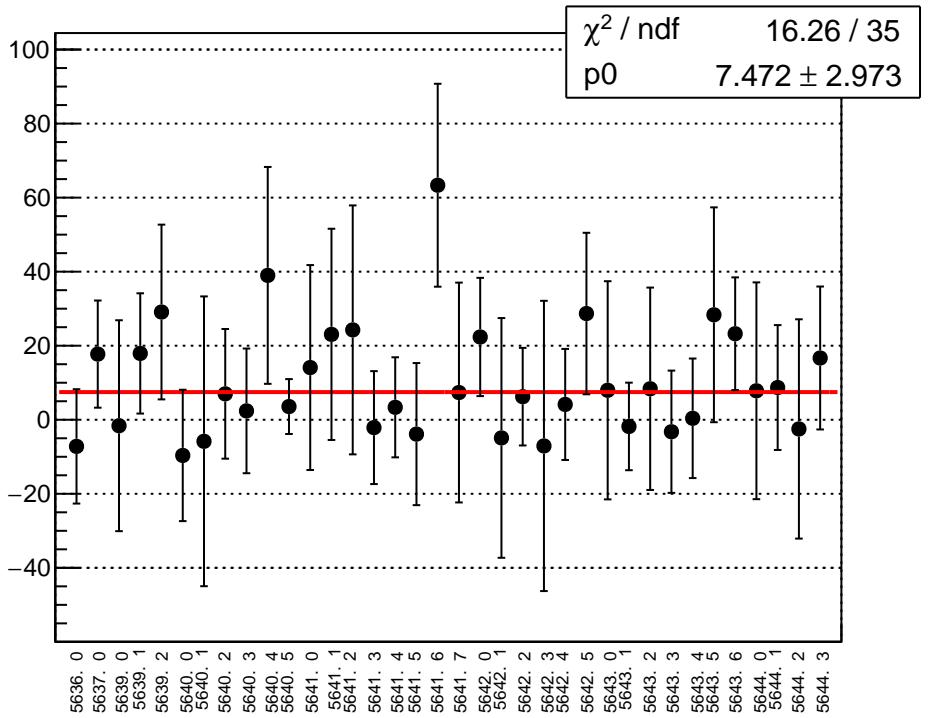


reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm4aX\_slope vs run

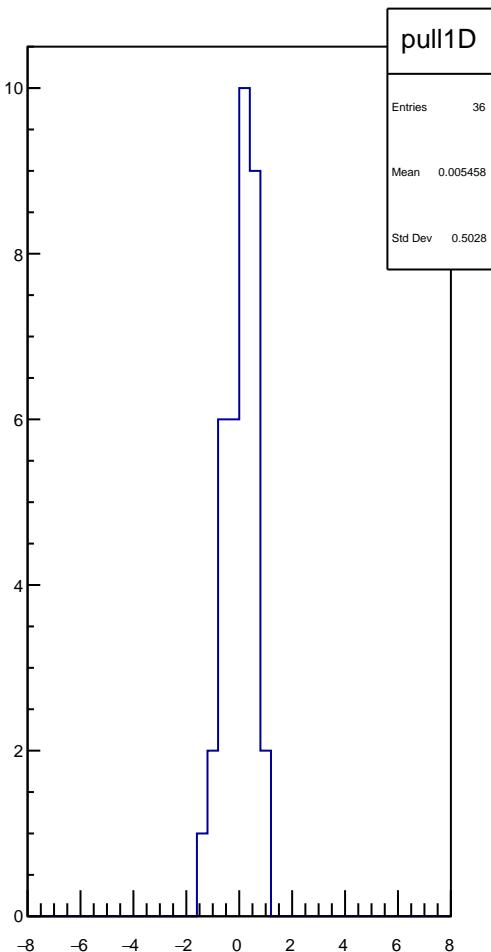
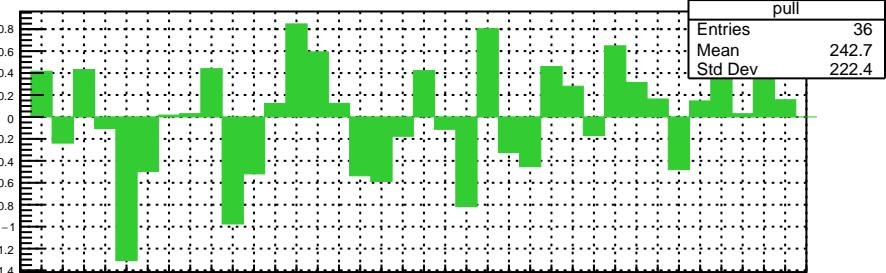
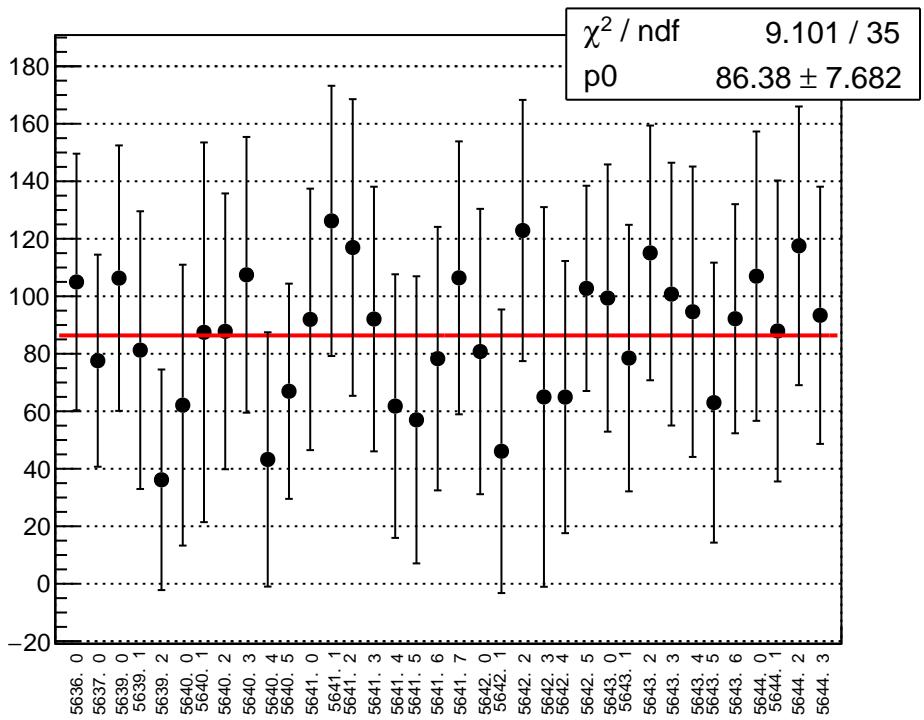
$\chi^2 / \text{ndf}$  9.141 / 35  
p0  $-83.79 \pm 7.696$



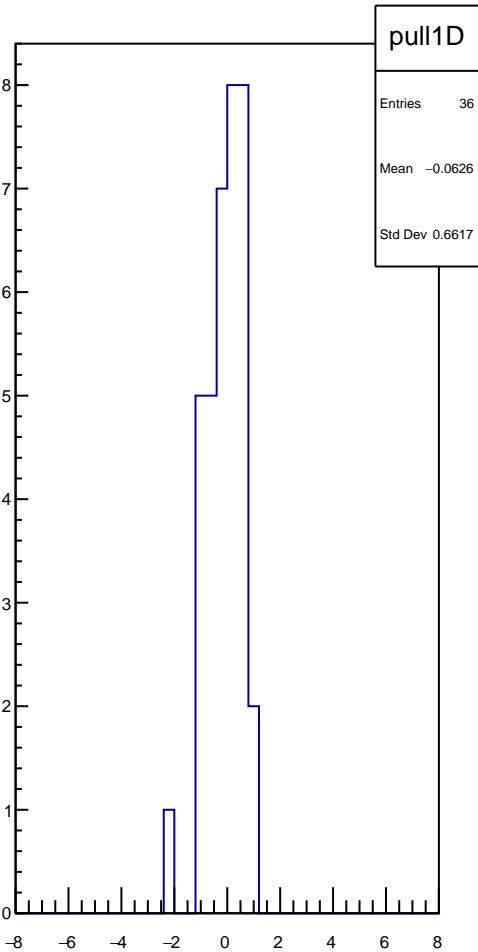
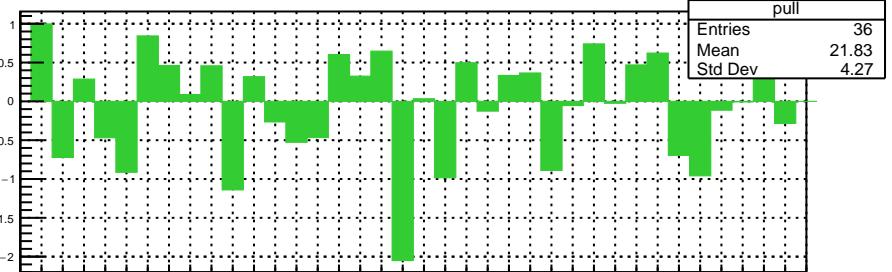
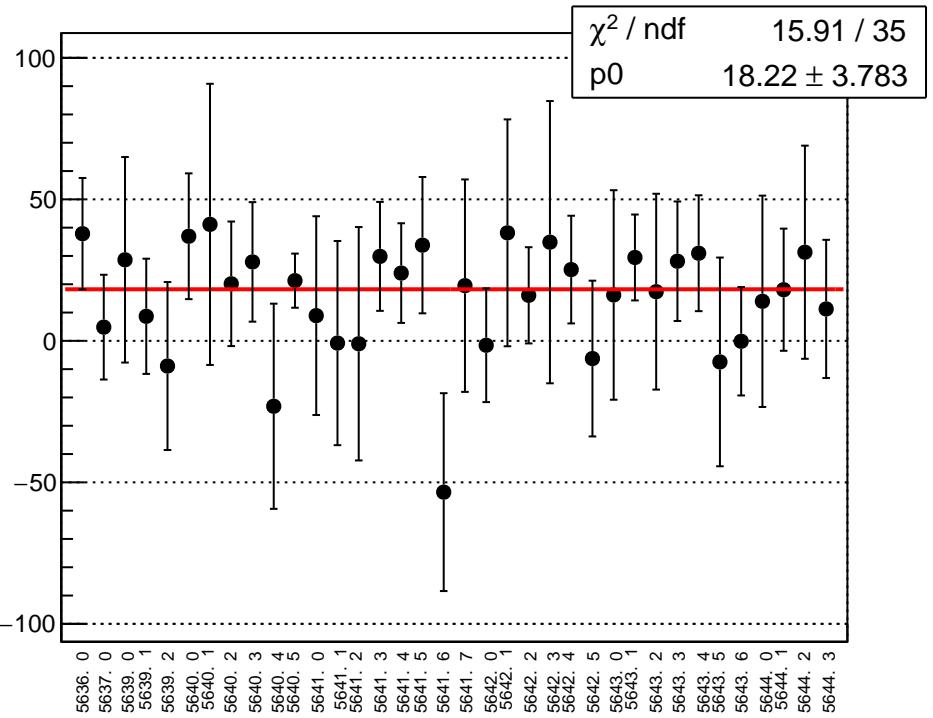
reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm4aY\_slope vs run



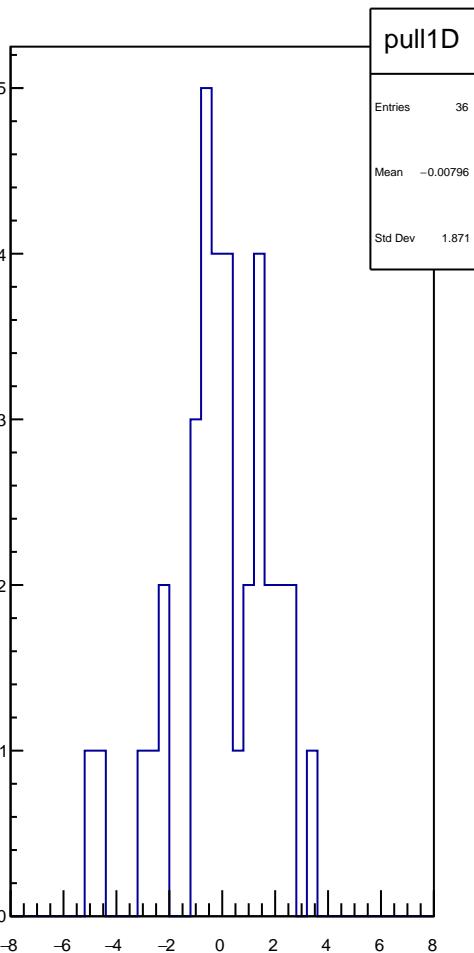
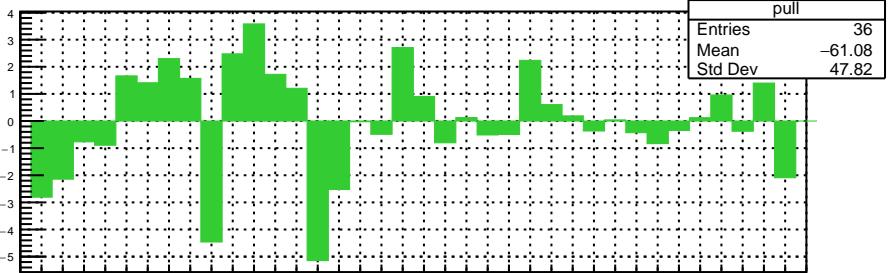
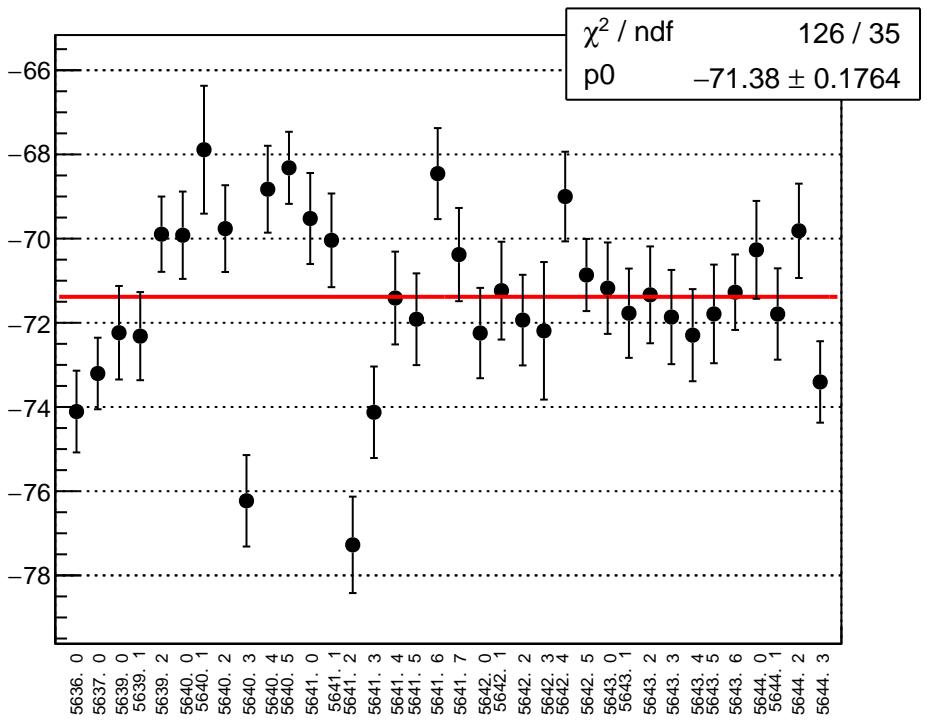
reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm4eX\_slope vs run



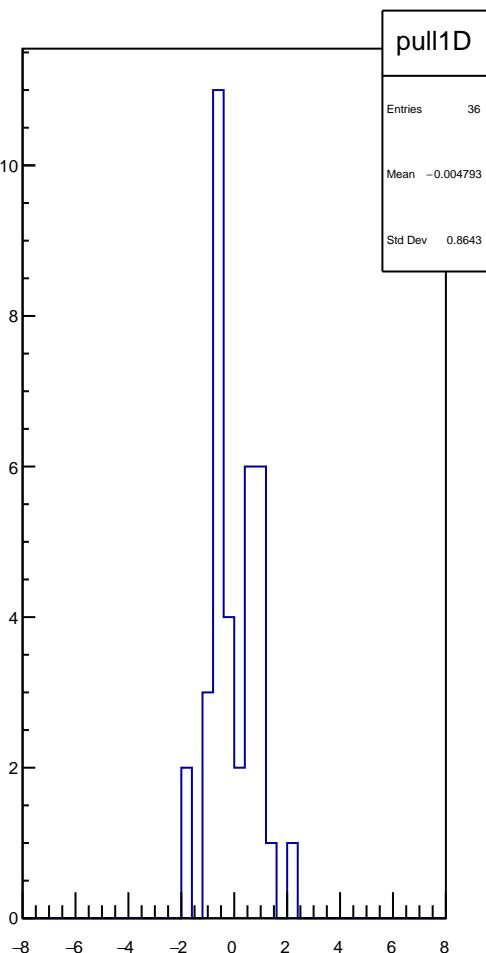
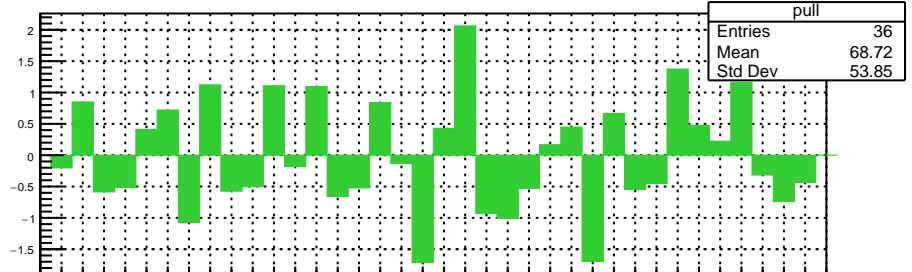
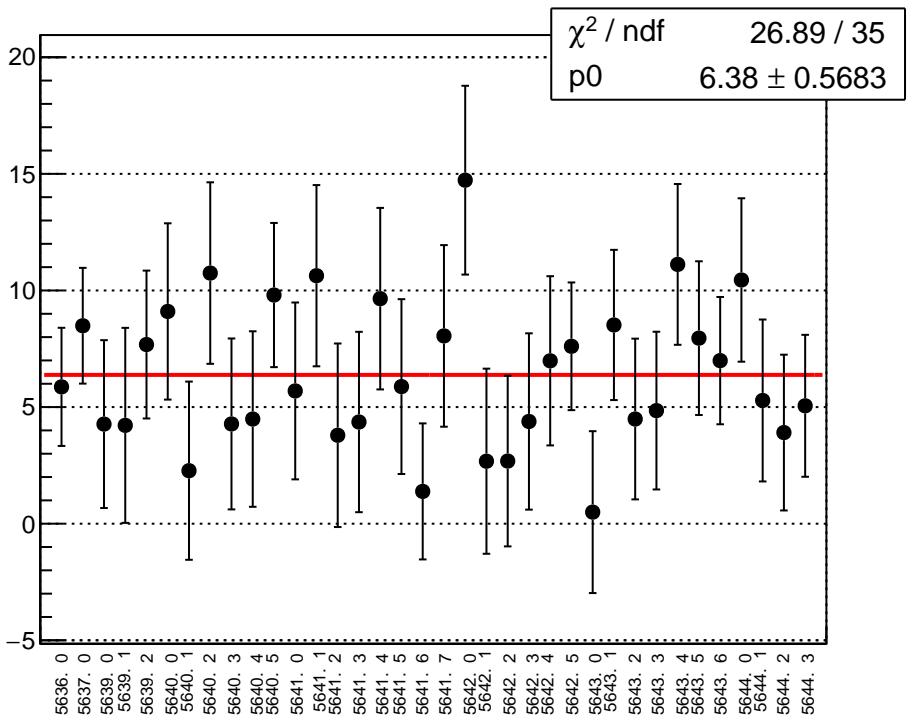
reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm4eY\_slope vs run



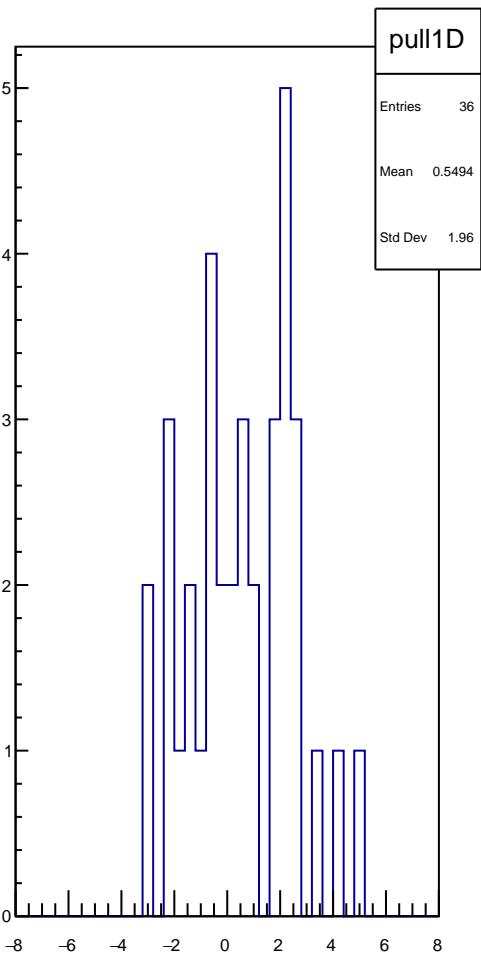
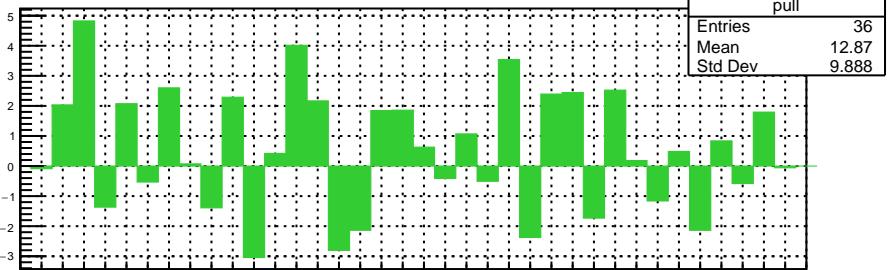
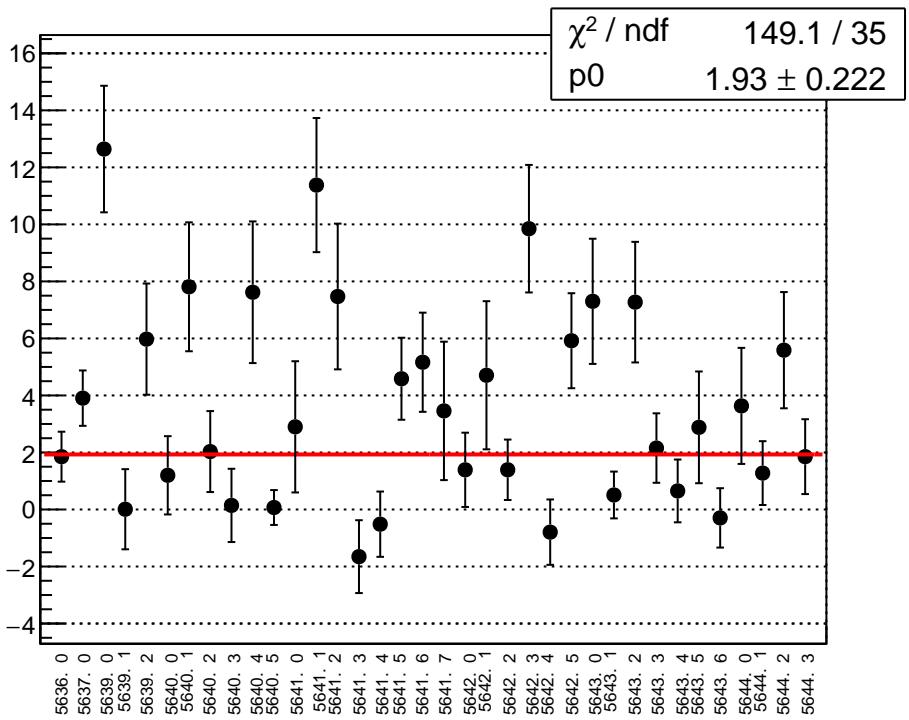
reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm12X\_slope vs run



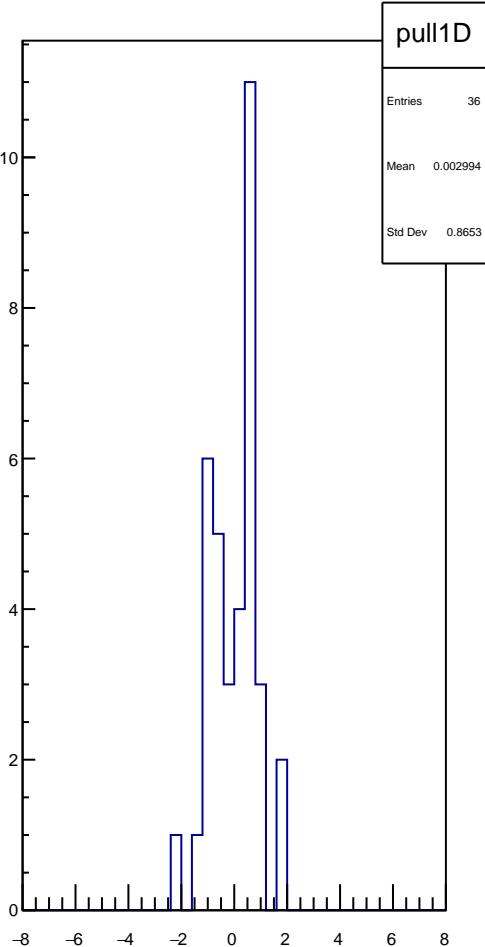
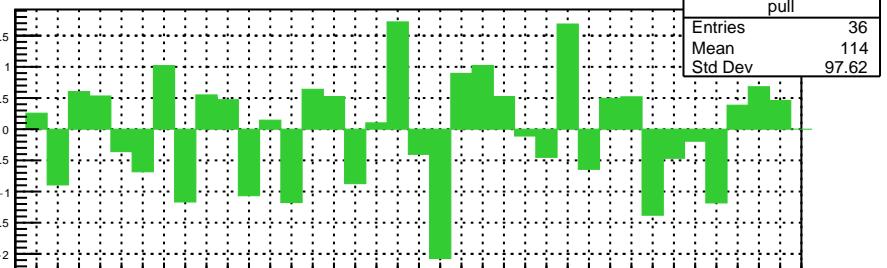
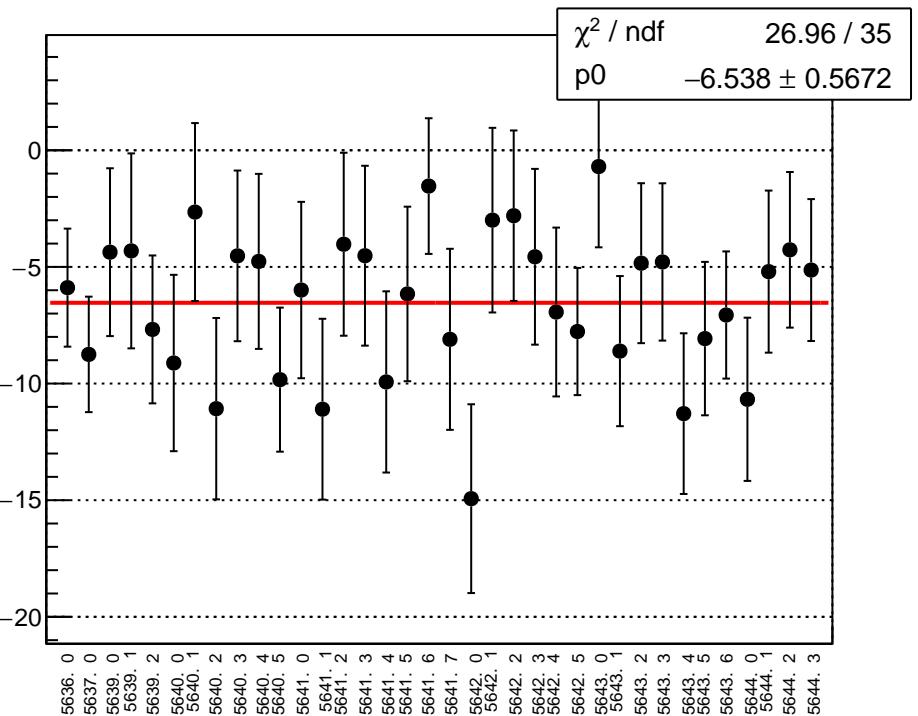
# reg\_asym\_bcm\_an\_ds3\_diff\_bpm4aX\_slope vs run



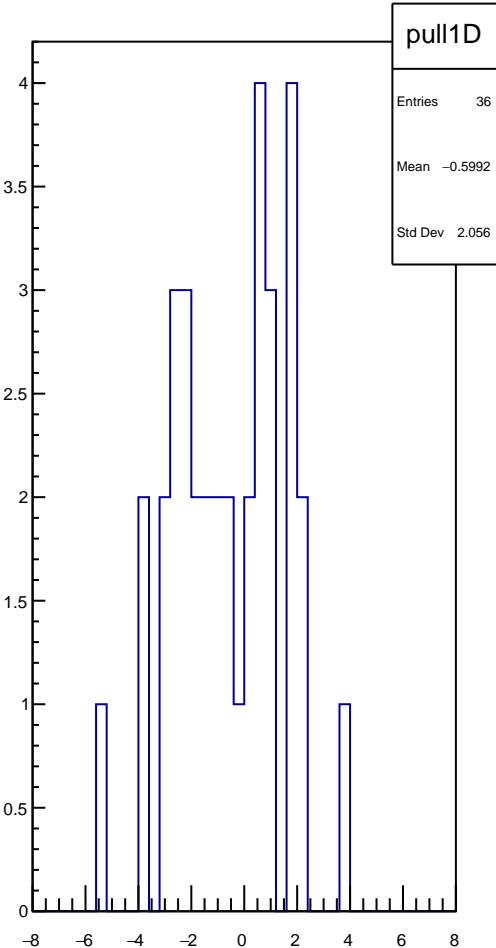
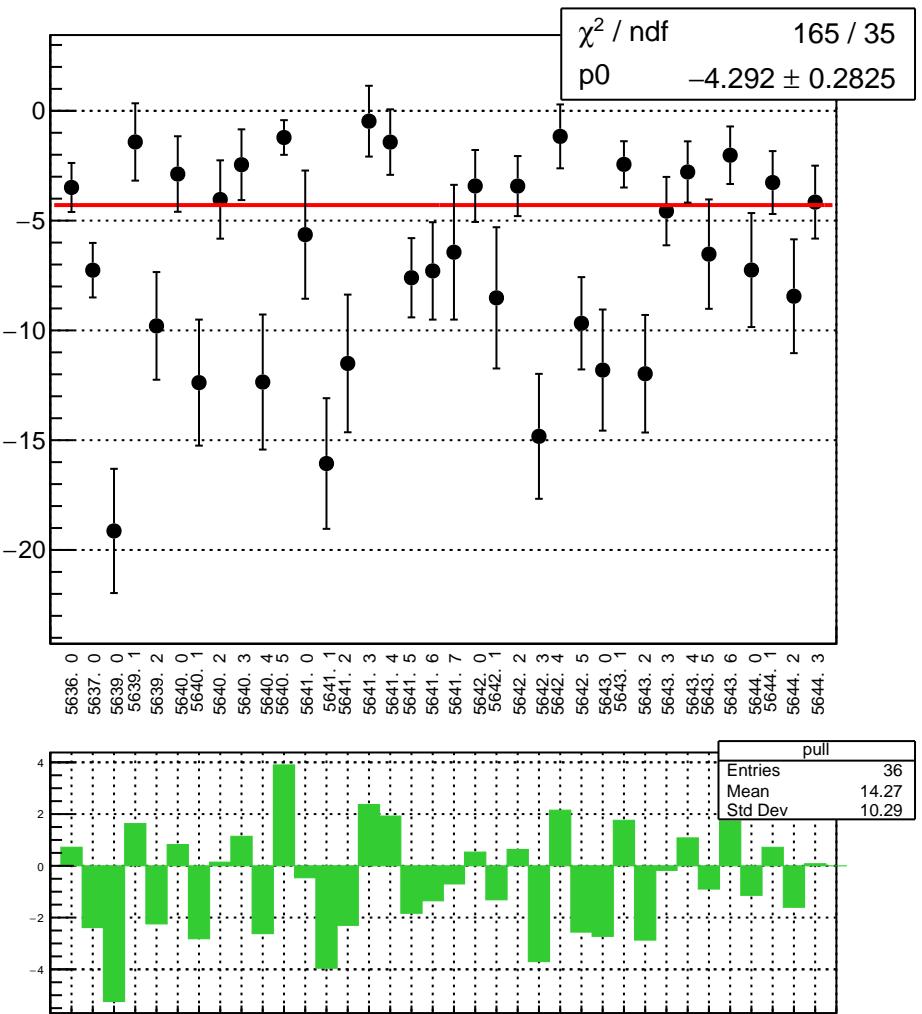
# reg\_asym\_bcm\_an\_ds3\_diff\_bpm4aY\_slope vs run



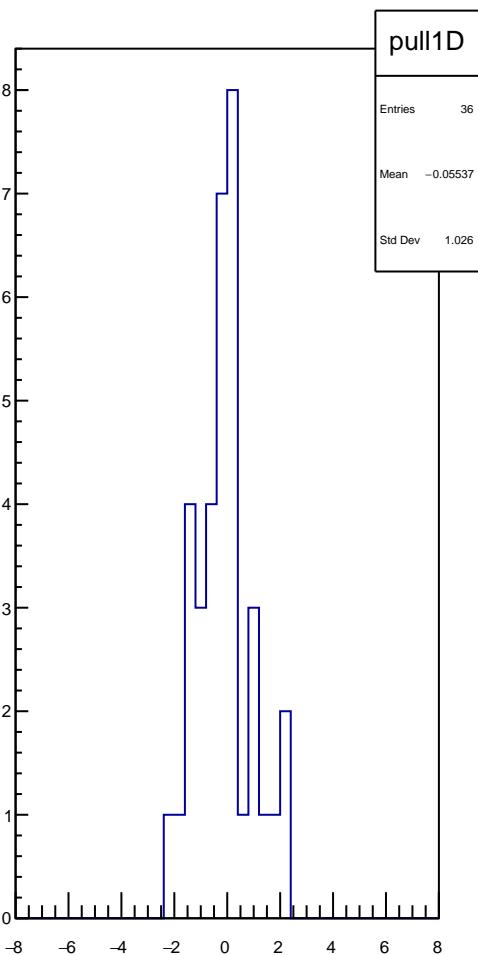
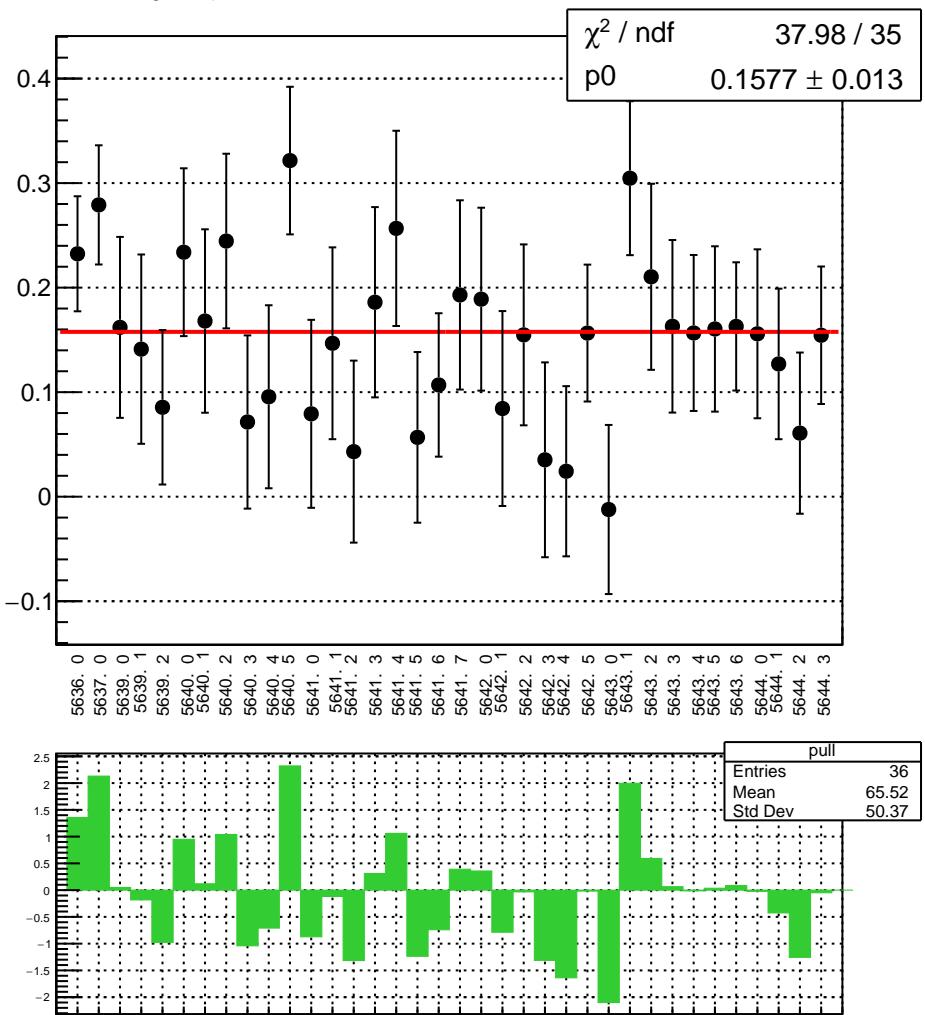
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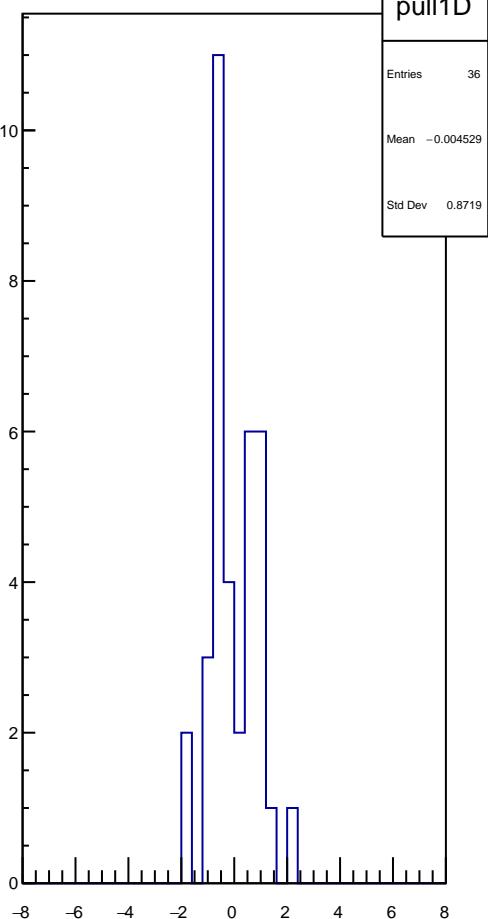
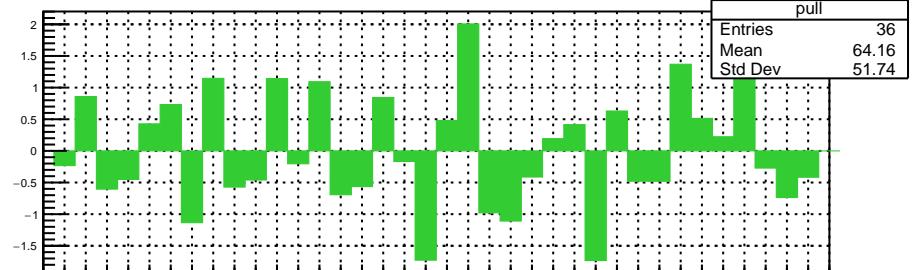
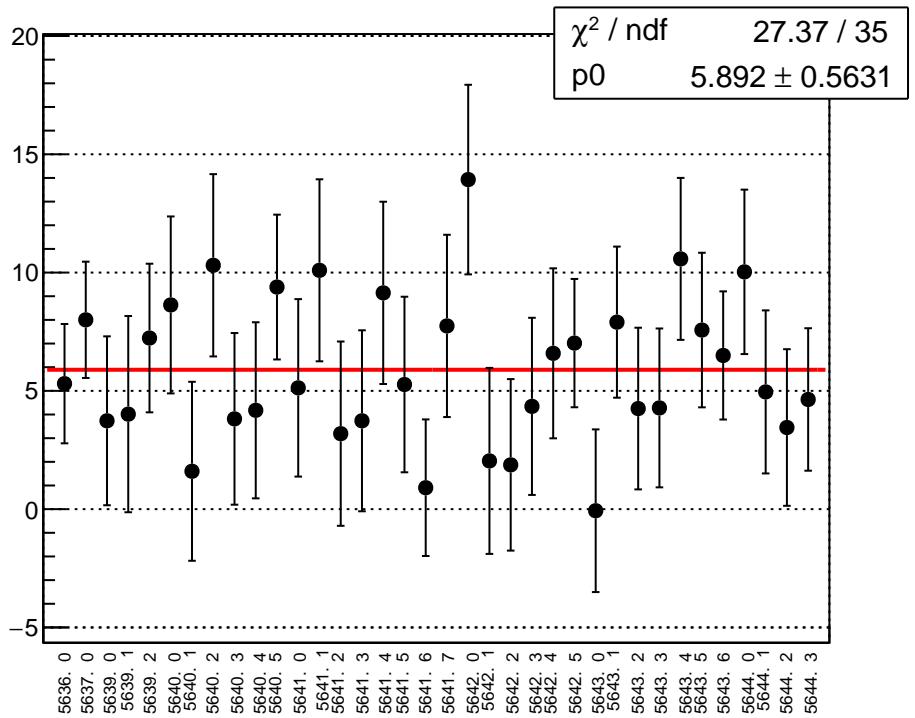
# reg\_asym\_bcm\_an\_ds3\_diff\_bpm4eY\_slope vs run



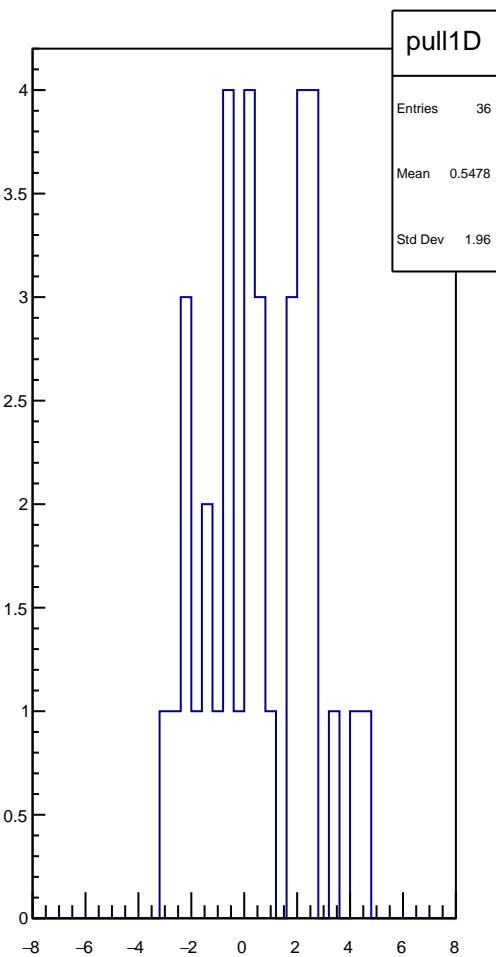
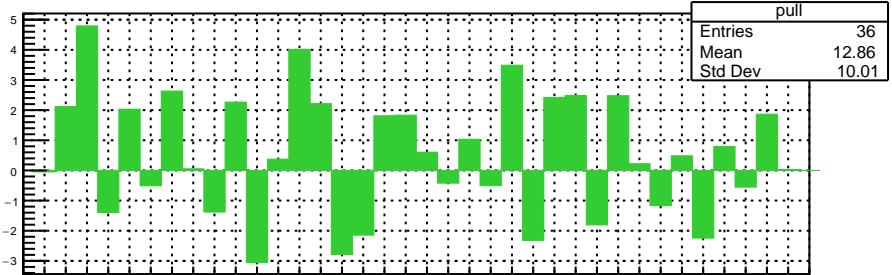
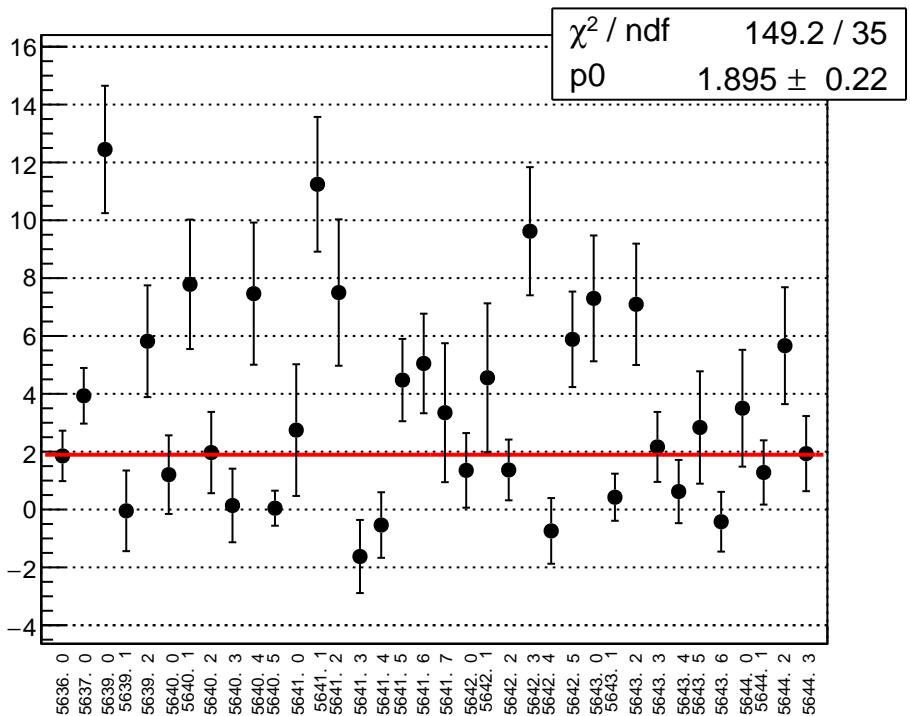
# reg\_asym\_bcm\_an\_ds3\_diff\_bpm12X\_slope vs run



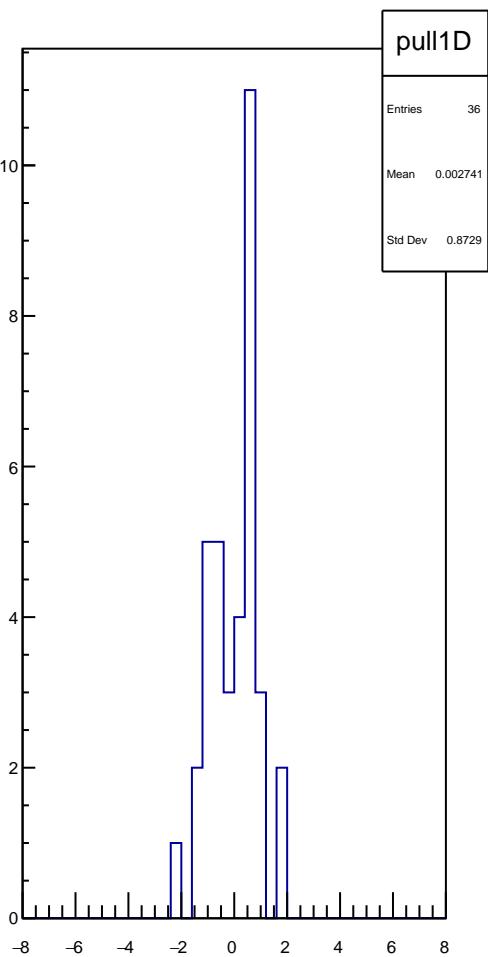
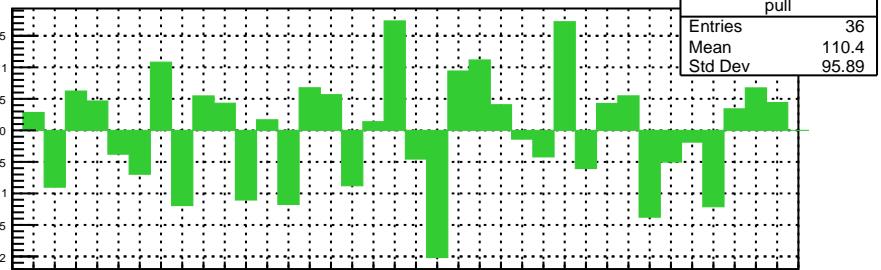
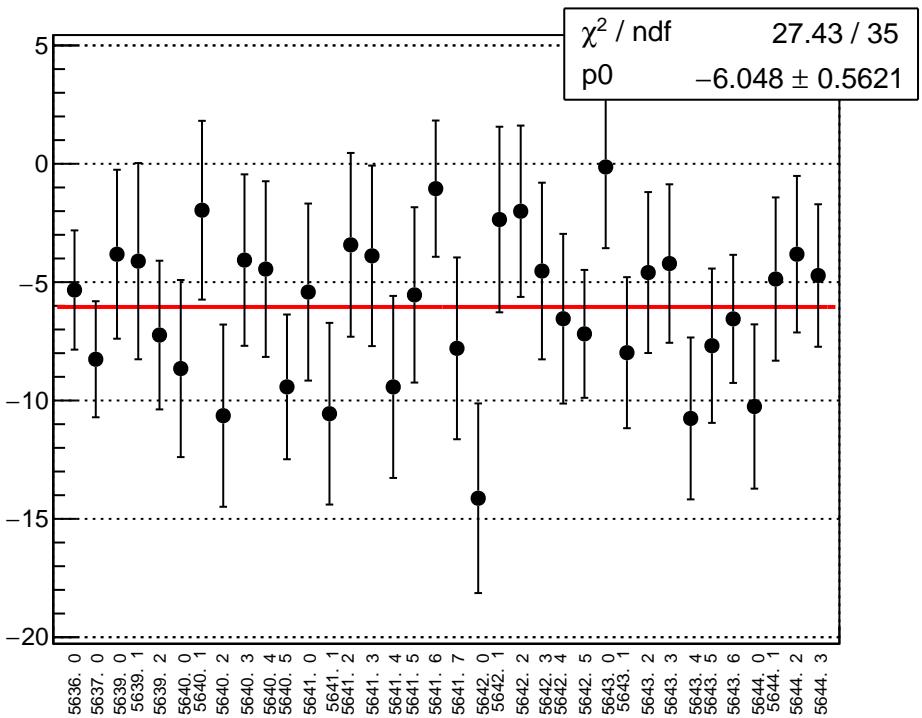
# reg\_asym\_bcm\_an\_ds\_diff\_bpm4aX\_slope vs run



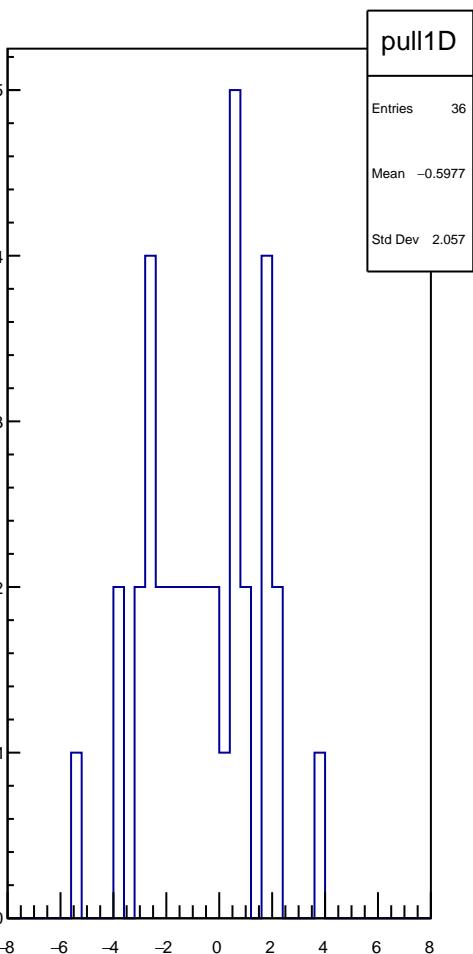
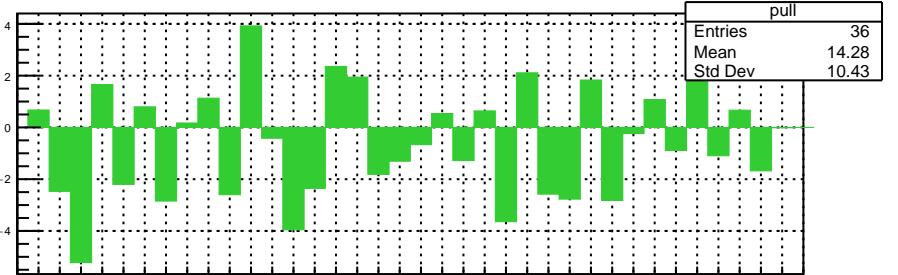
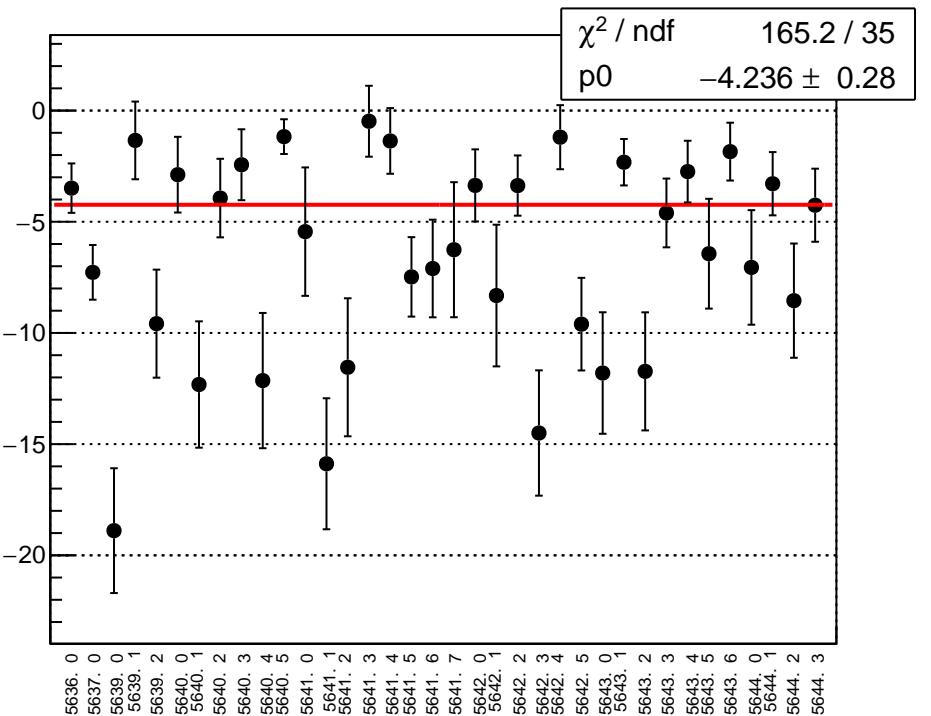
# reg\_asym\_bcm\_an\_ds\_diff\_bpm4aY\_slope vs run



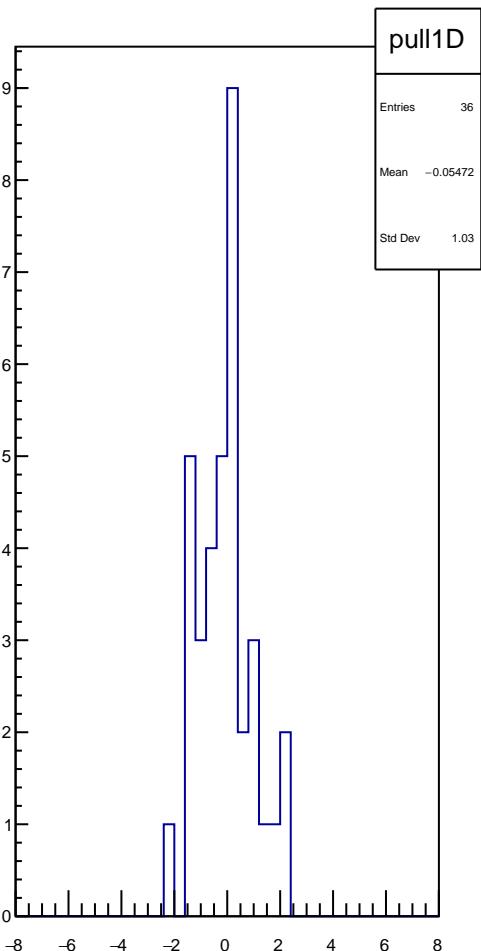
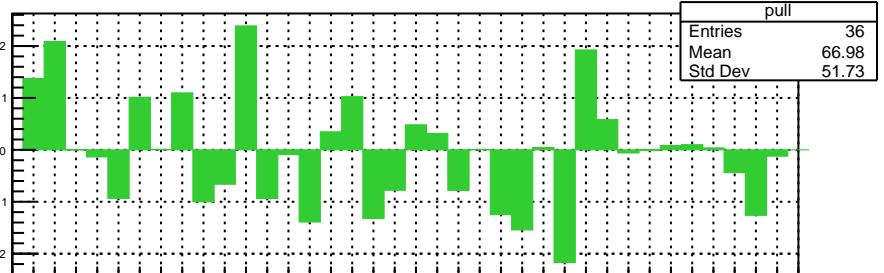
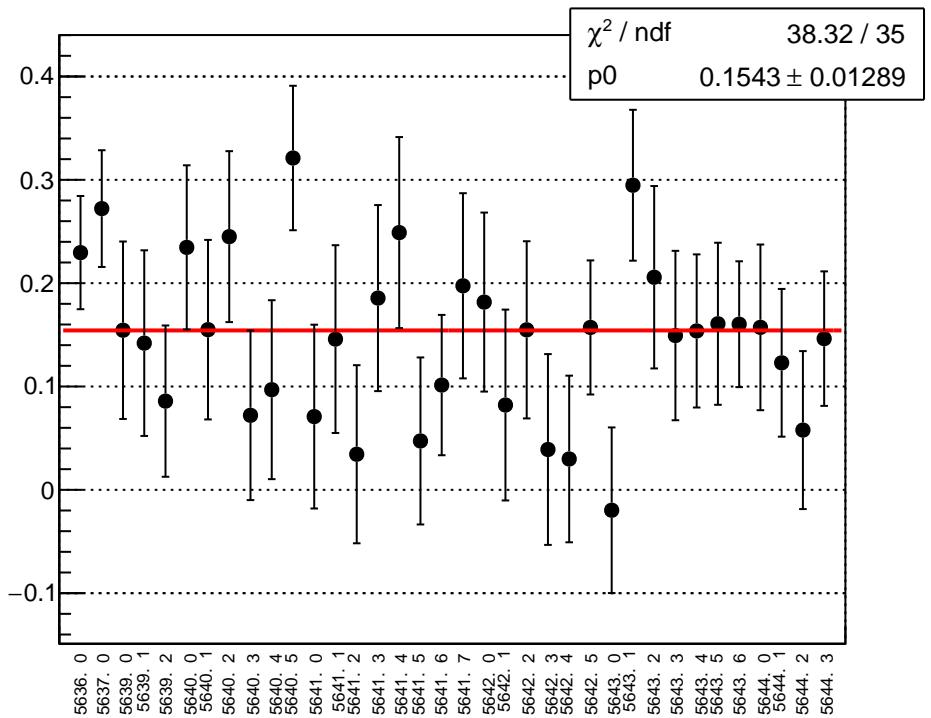
# reg\_asym\_bcm\_an\_ds\_diff\_bpm4eX\_slope vs run



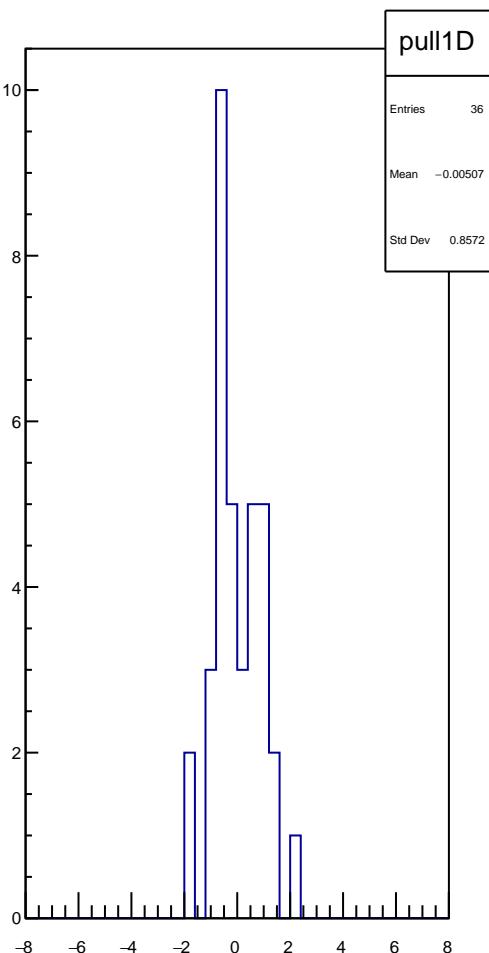
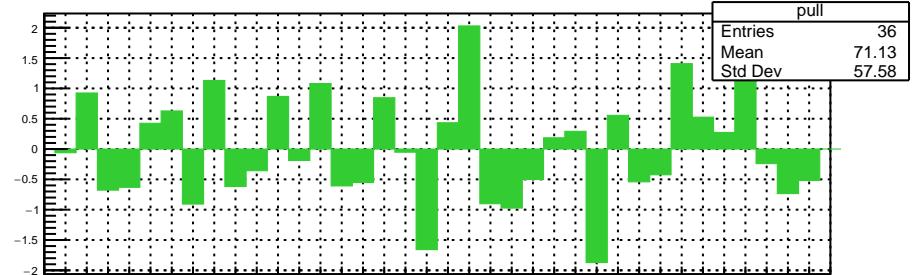
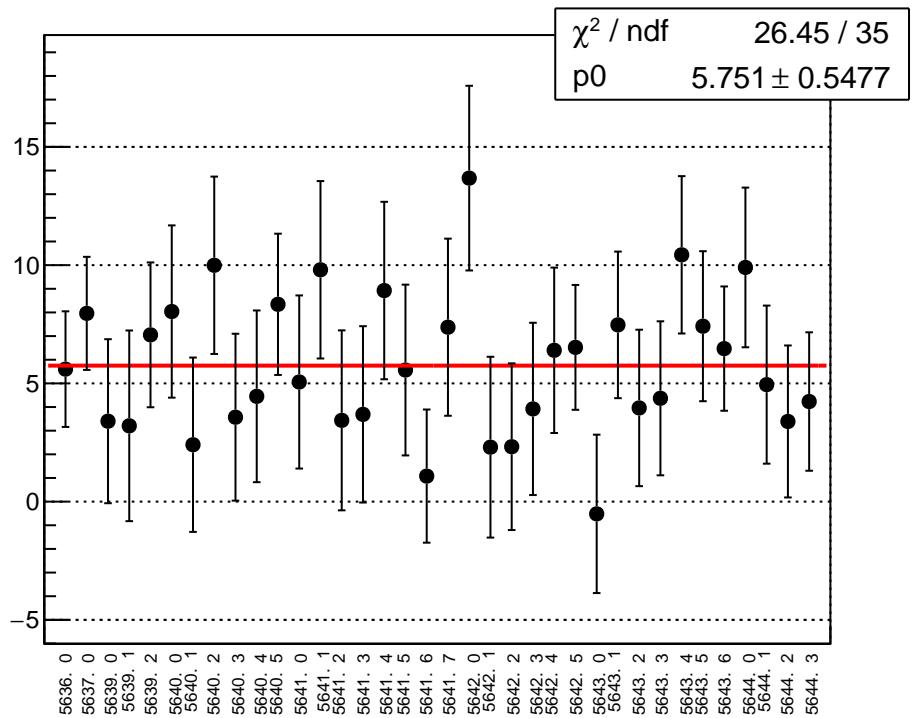
# reg\_asym\_bcm\_an\_ds\_diff\_bpm4eY\_slope vs run



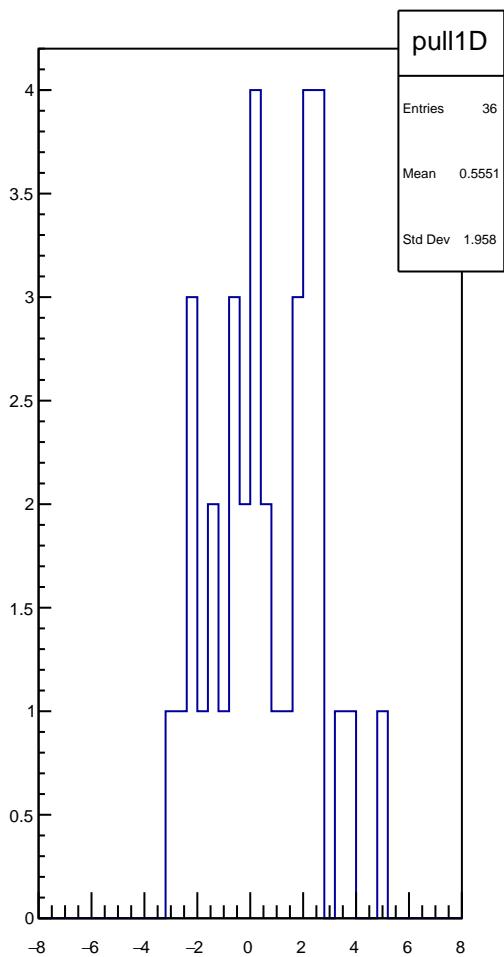
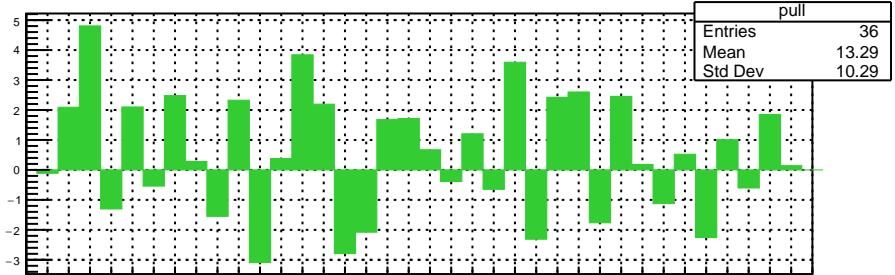
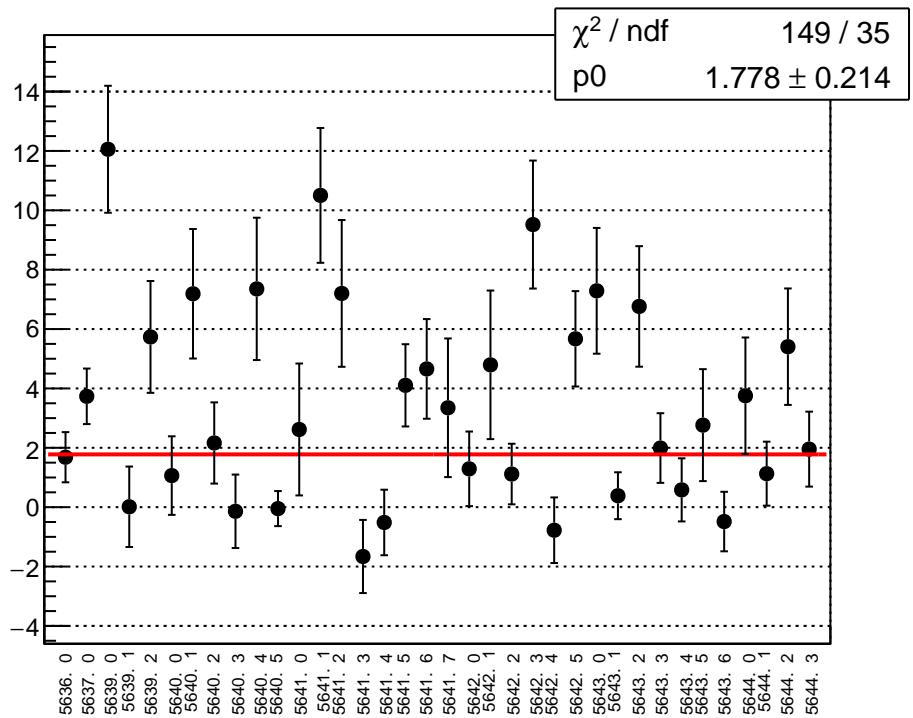
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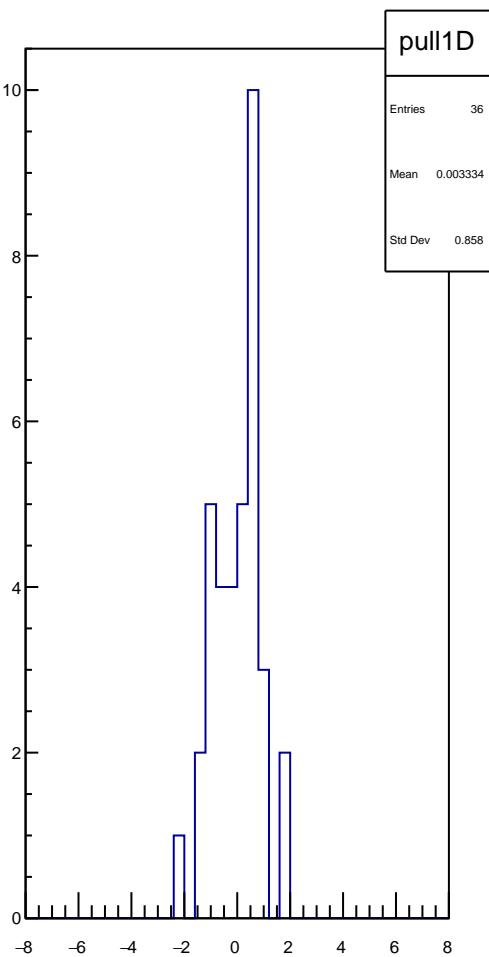
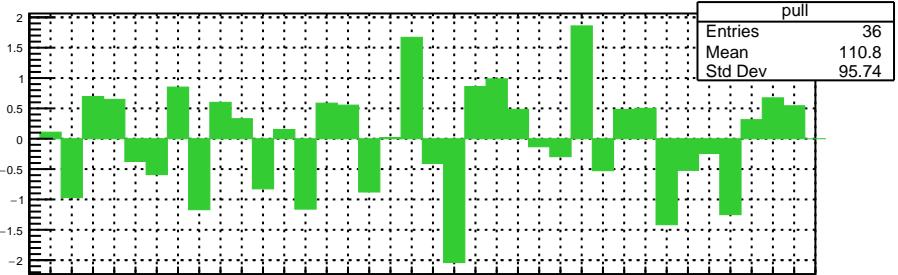
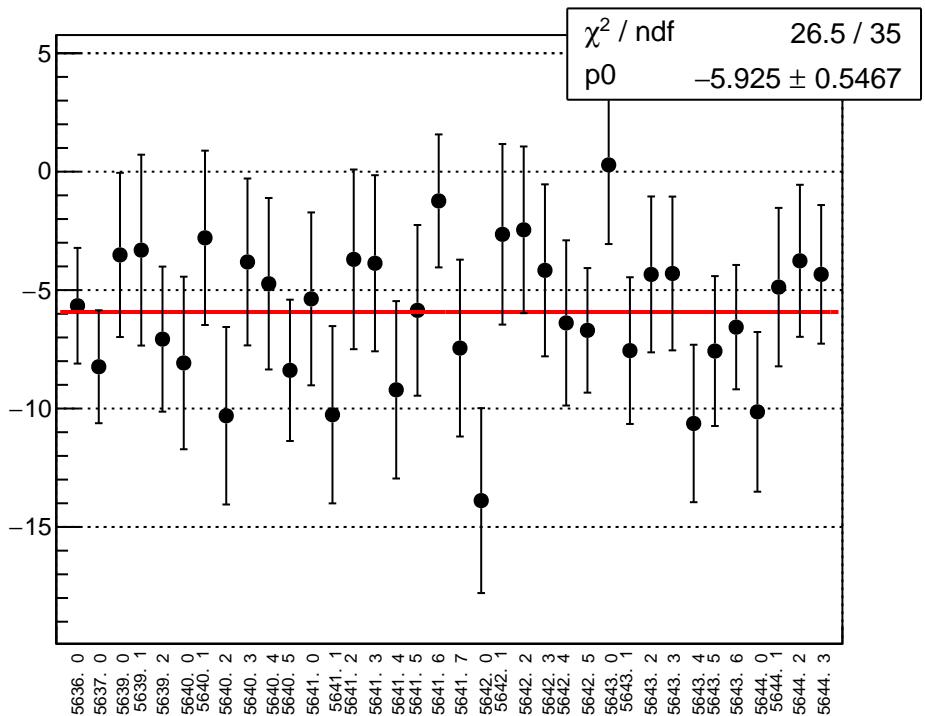
# reg\_asym\_bcm\_an\_us\_diff\_bpm4aX\_slope vs run



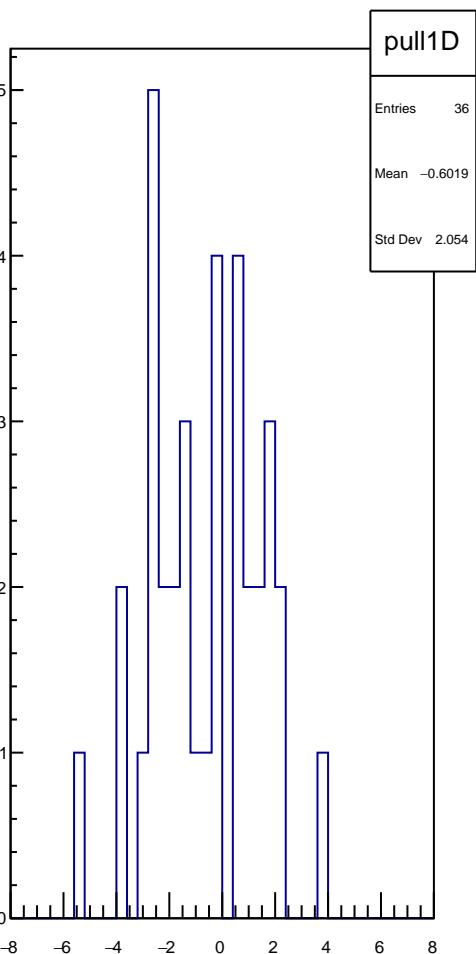
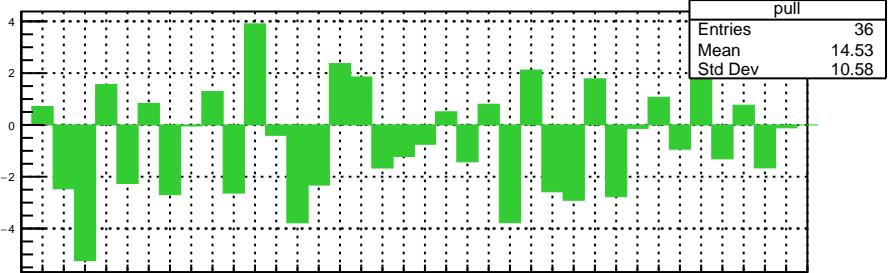
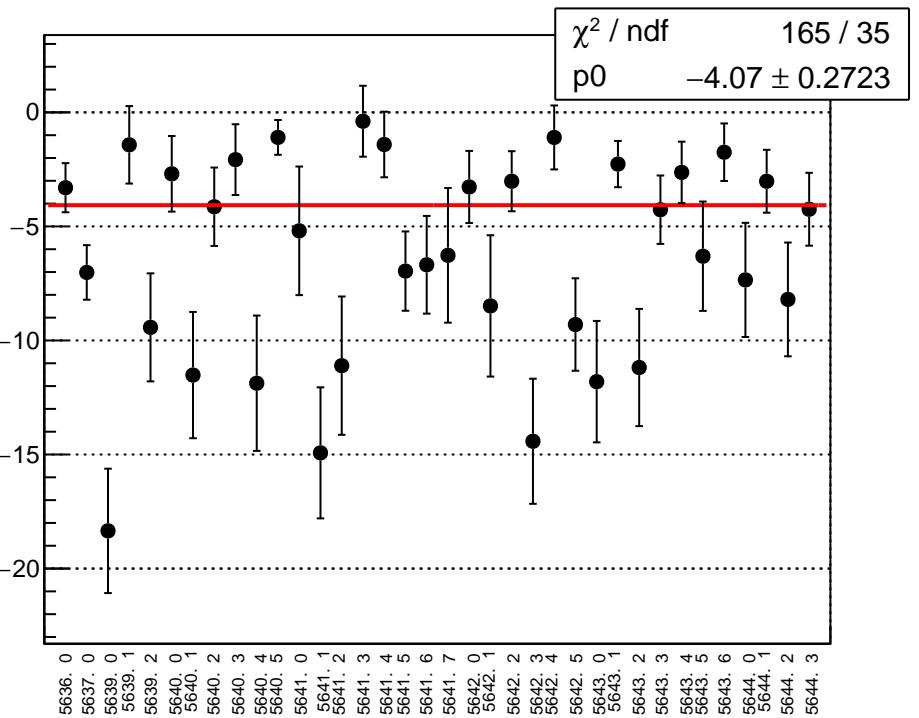
# reg\_asym\_bcm\_an\_us\_diff\_bpm4aY\_slope vs run



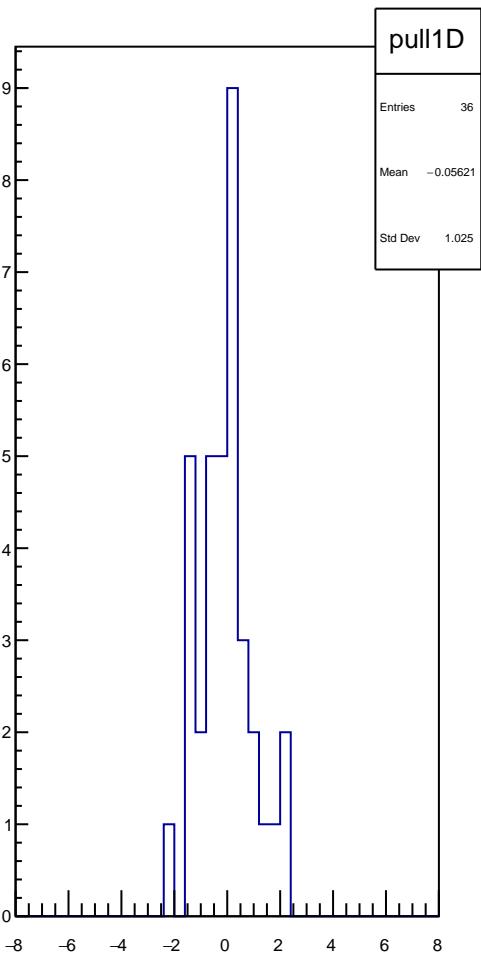
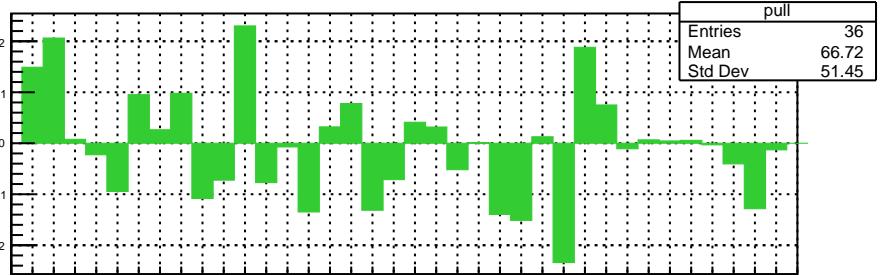
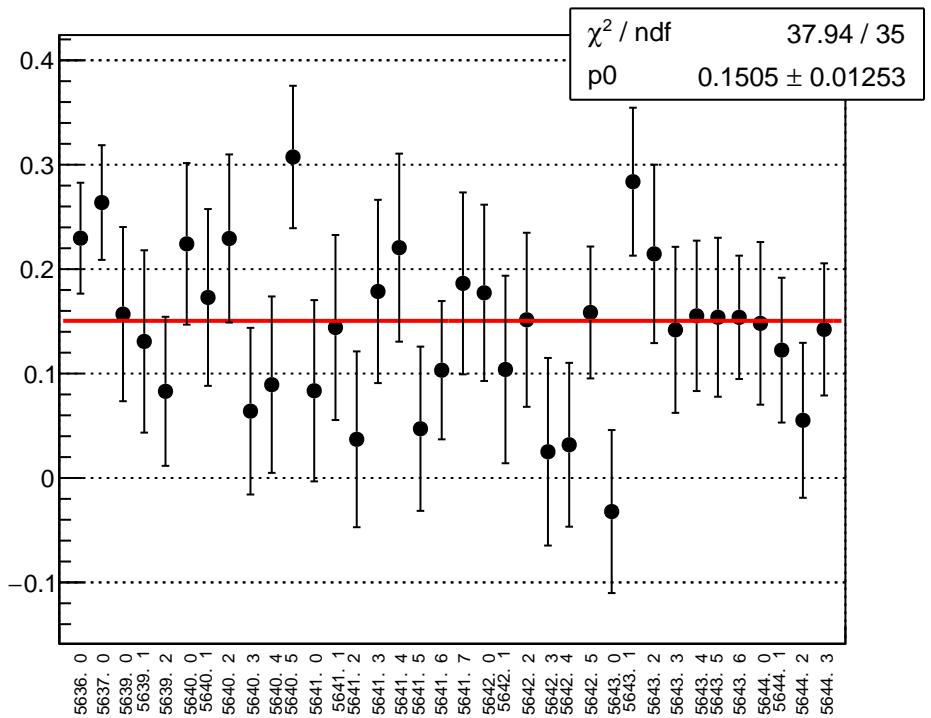
# reg\_asym\_bcm\_an\_us\_diff\_bpm4eX\_slope vs run



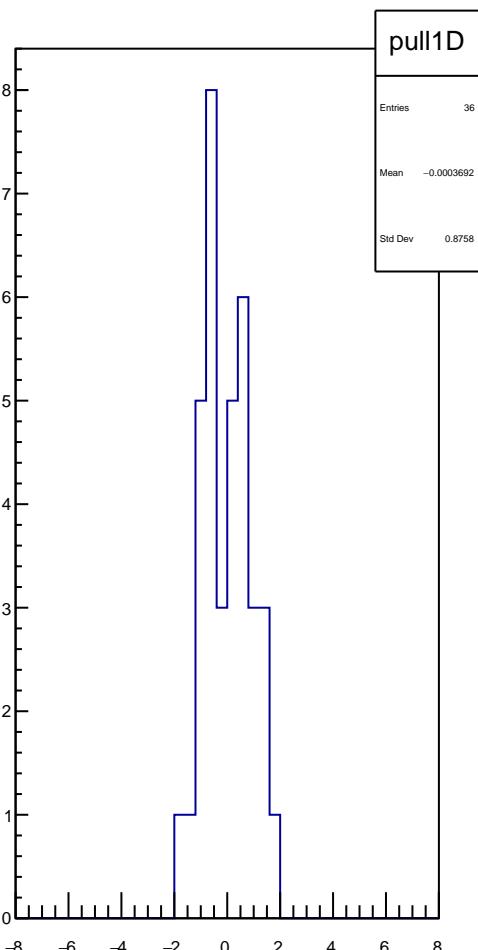
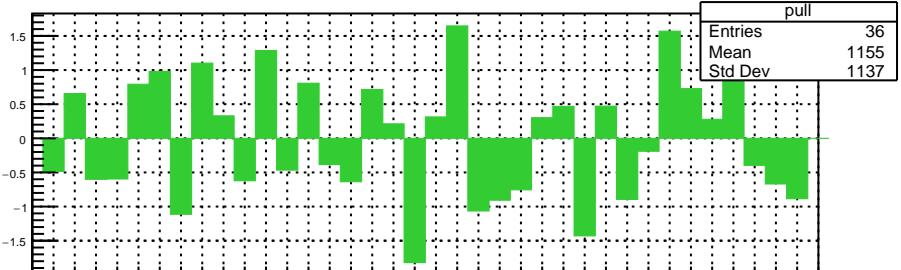
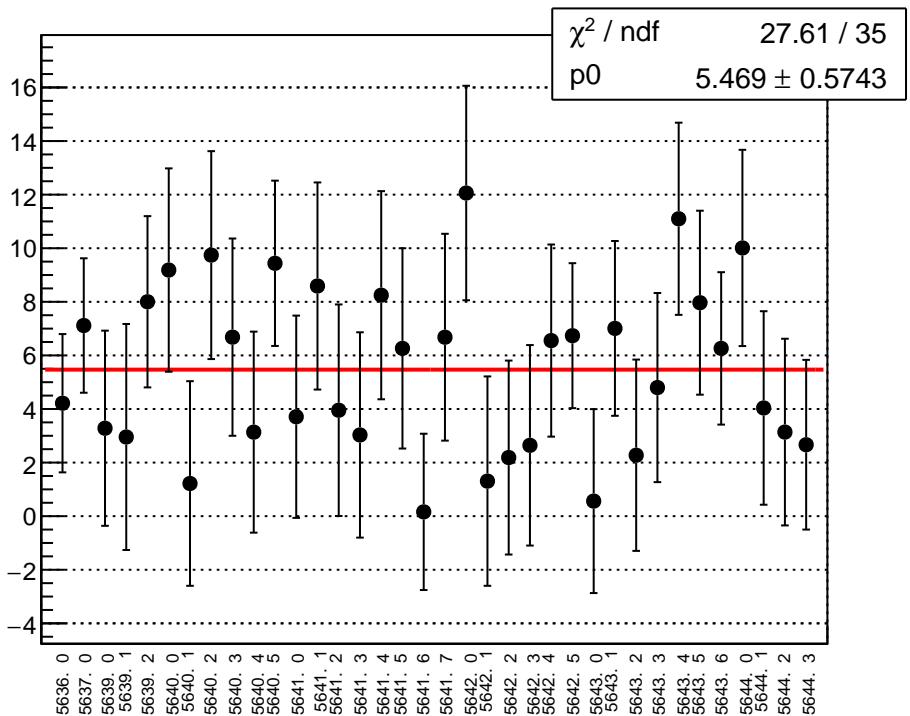
# reg\_asym\_bcm\_an\_us\_diff\_bpm4eY\_slope vs run



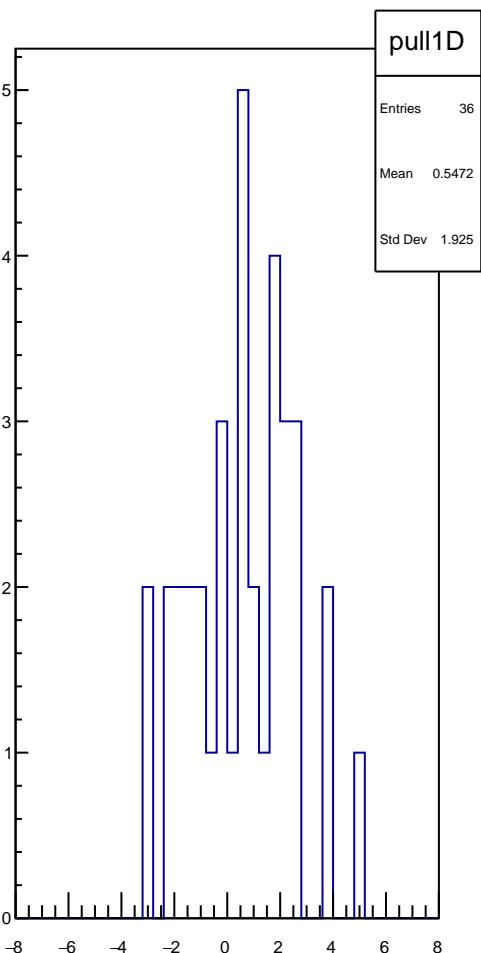
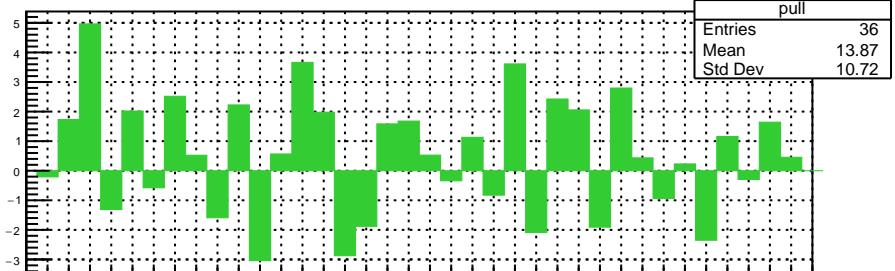
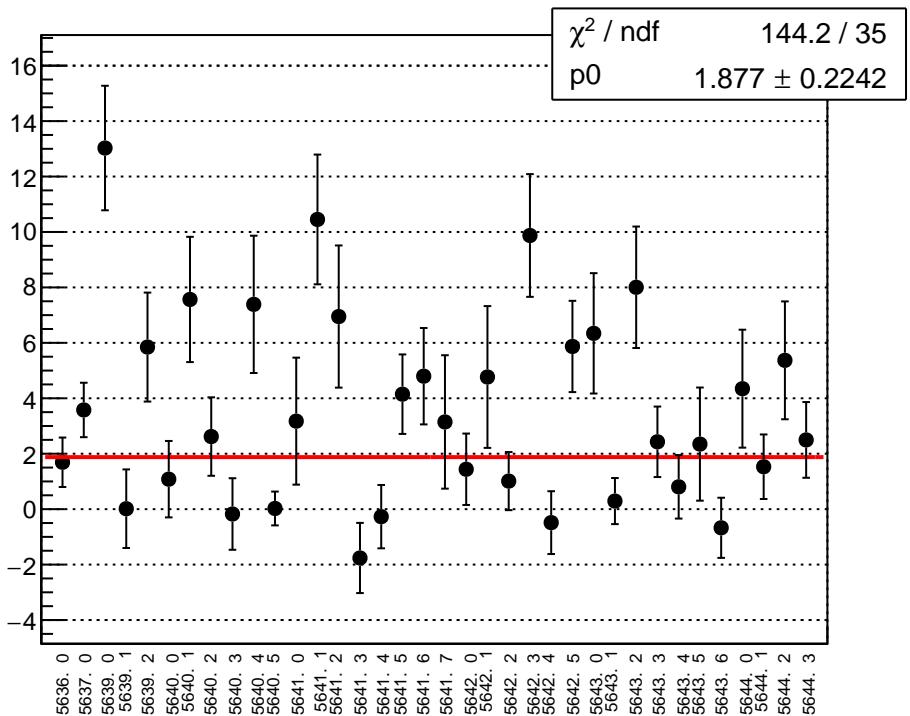
# reg\_asym\_bcm\_an\_us\_diff\_bpm12X\_slope vs run



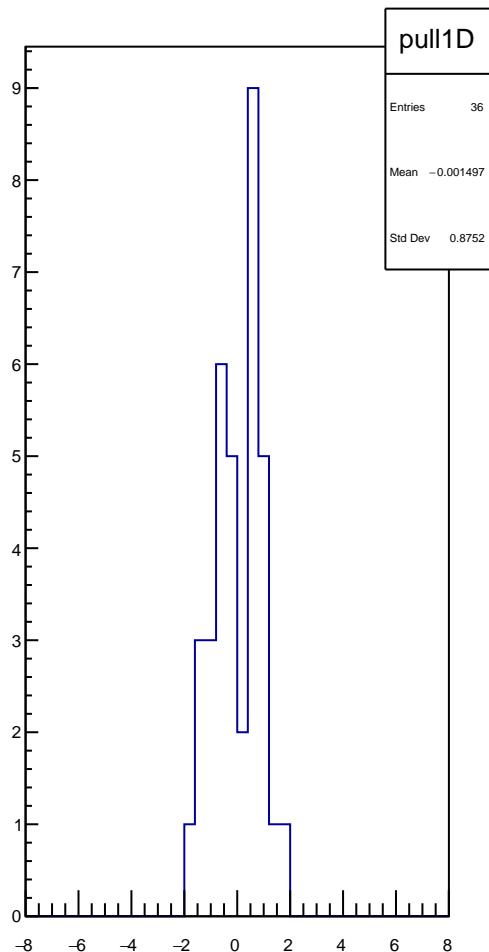
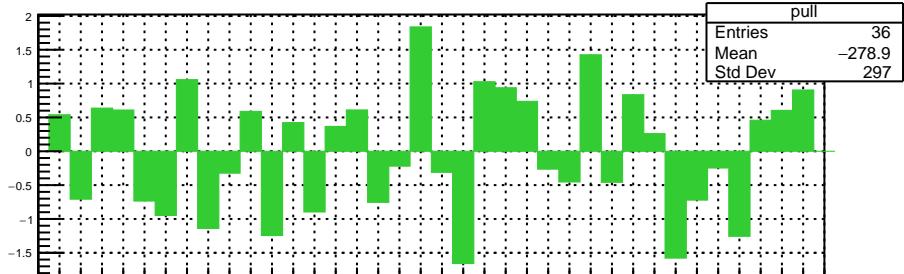
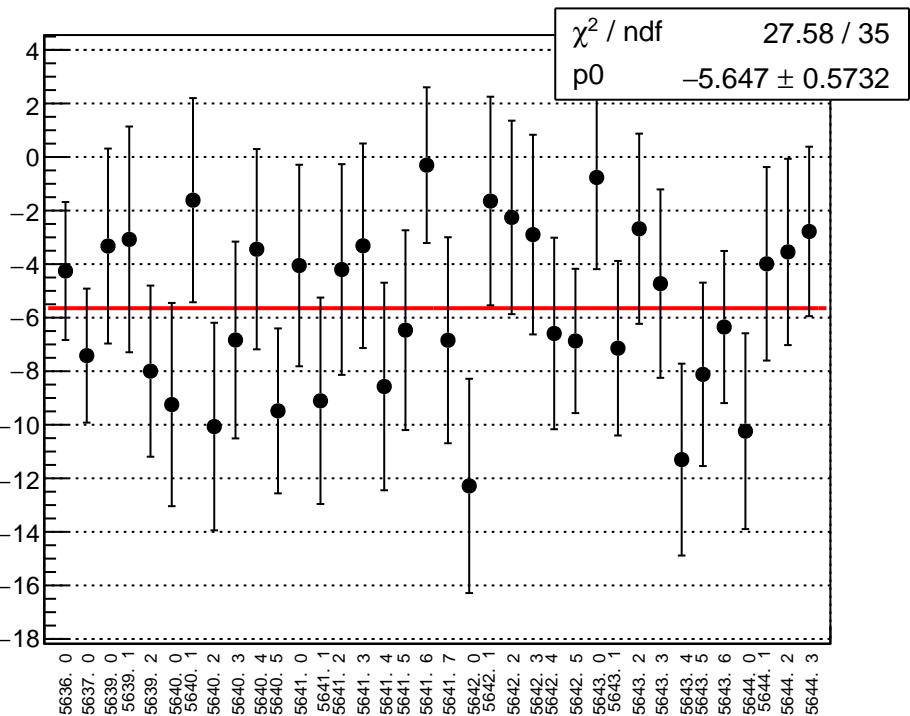
# reg\_asym\_bcm\_dg\_ds\_diff\_bpm4aX\_slope vs run



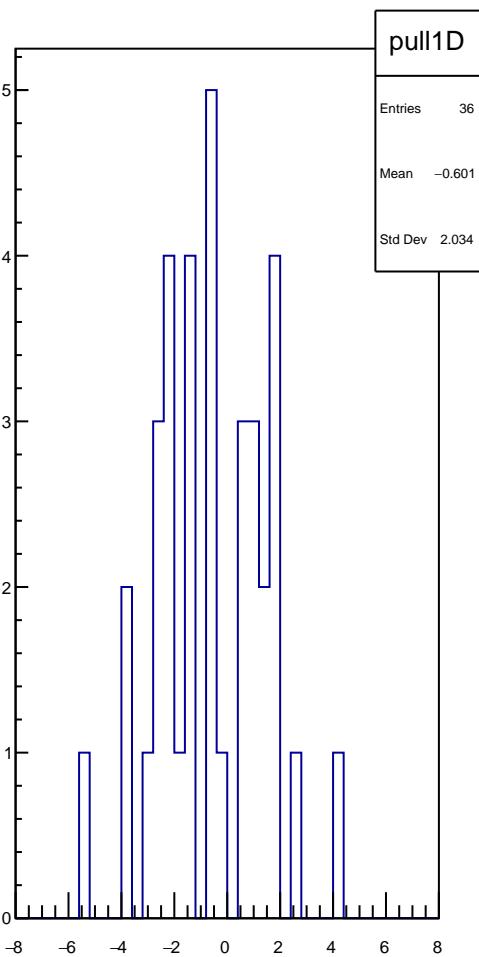
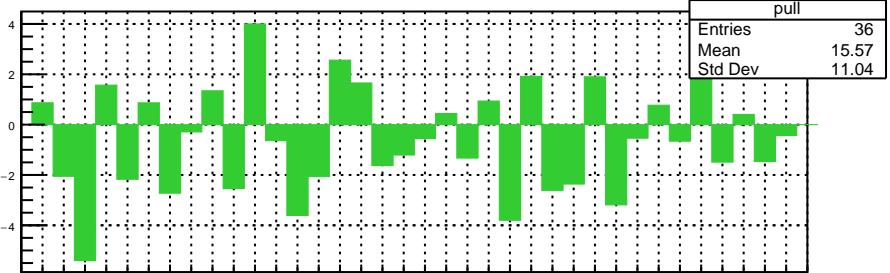
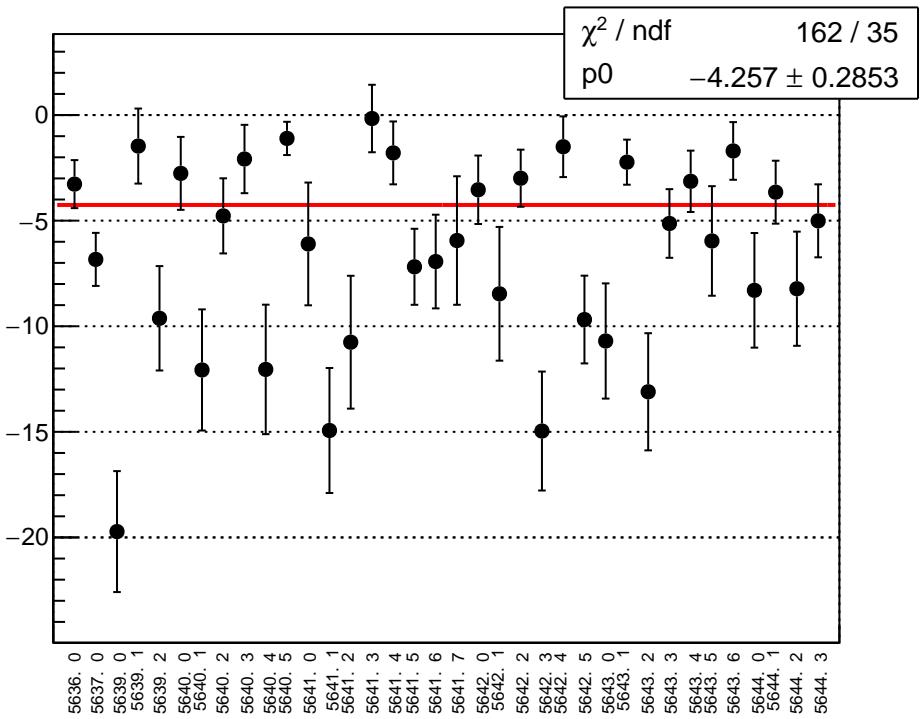
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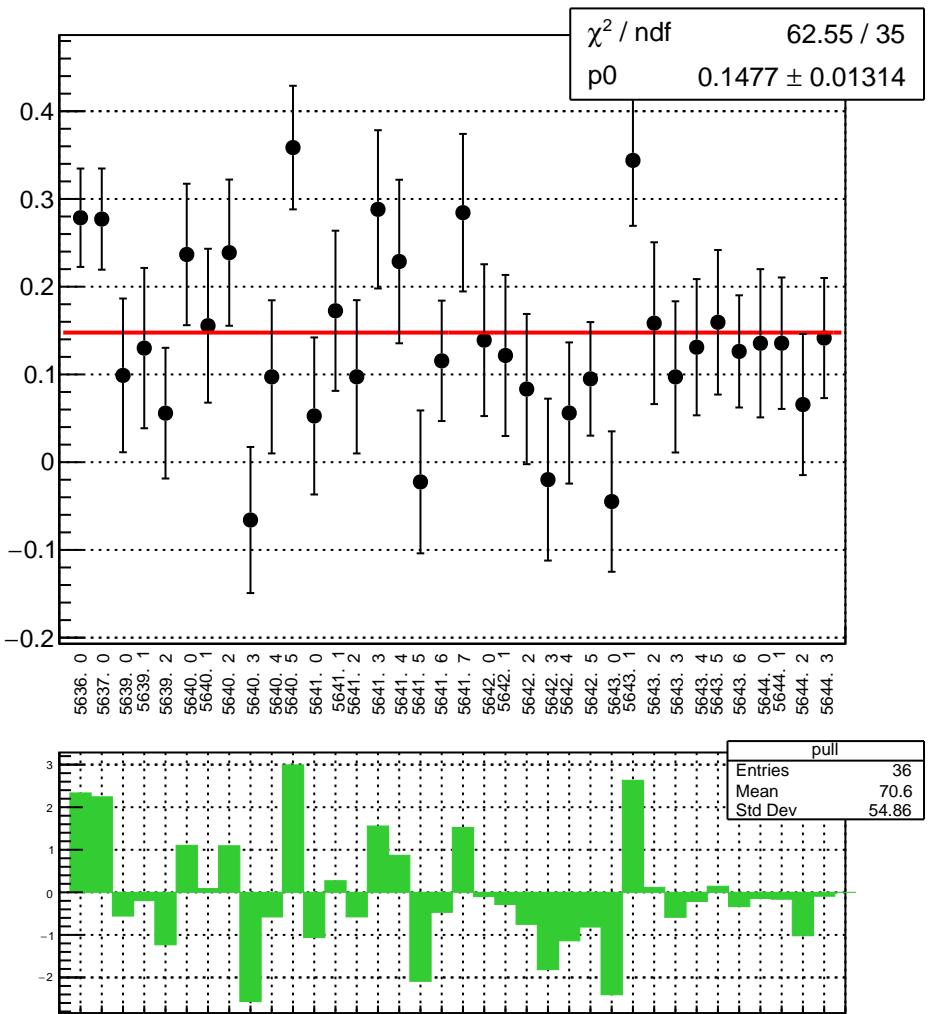
# reg\_asym\_bcm\_dg\_ds\_diff\_bpm4eX\_slope vs run



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

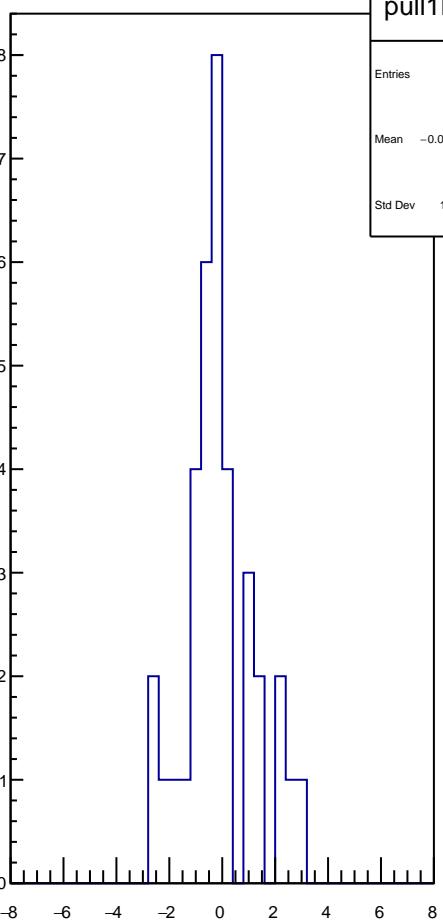


# reg\_asym\_bcm\_dg\_ds\_diff\_bpm12X\_slope vs run

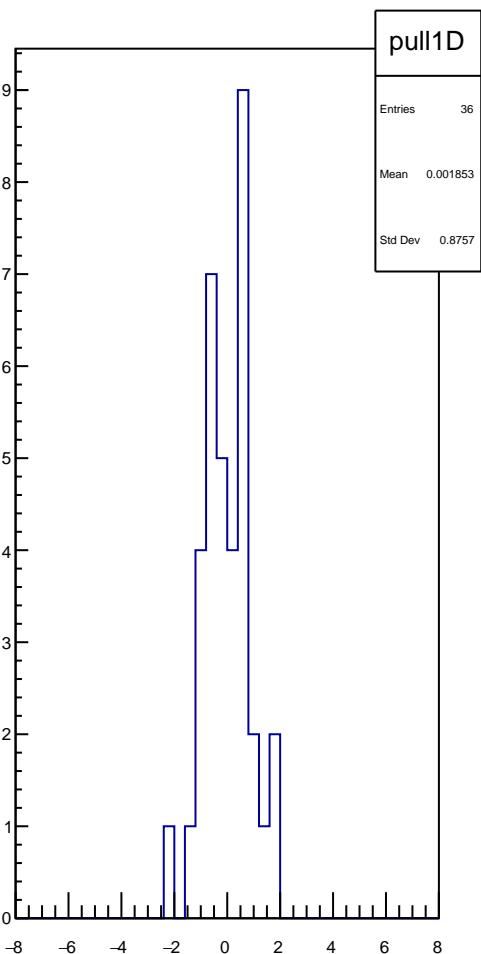
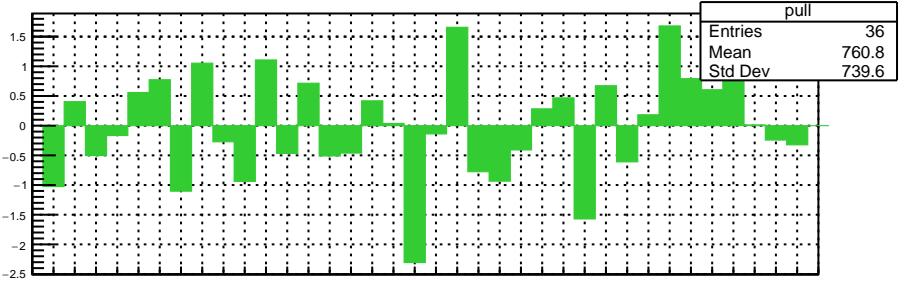
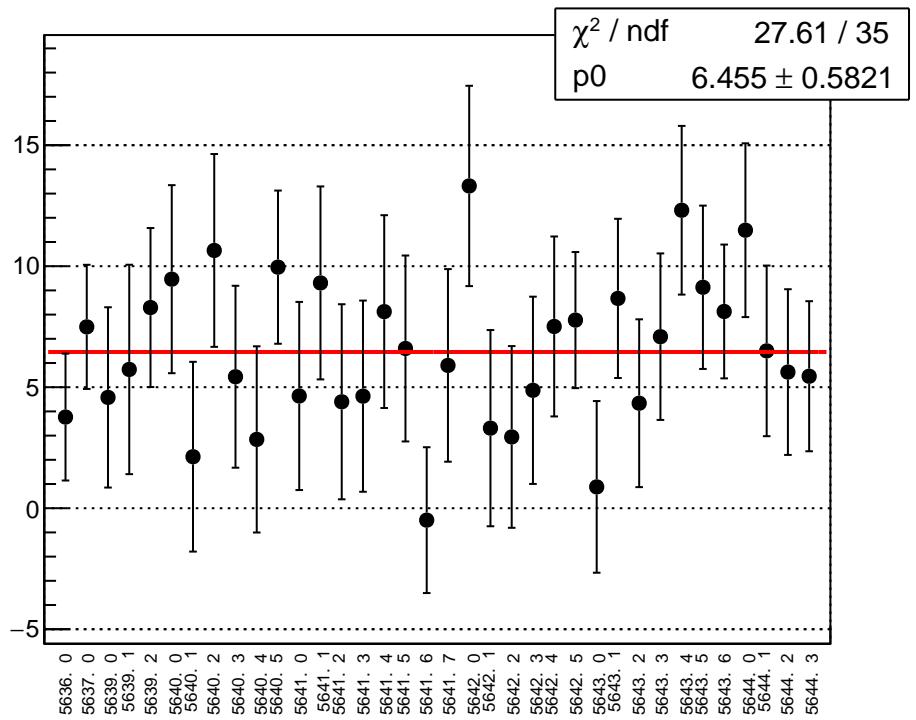


pull1D

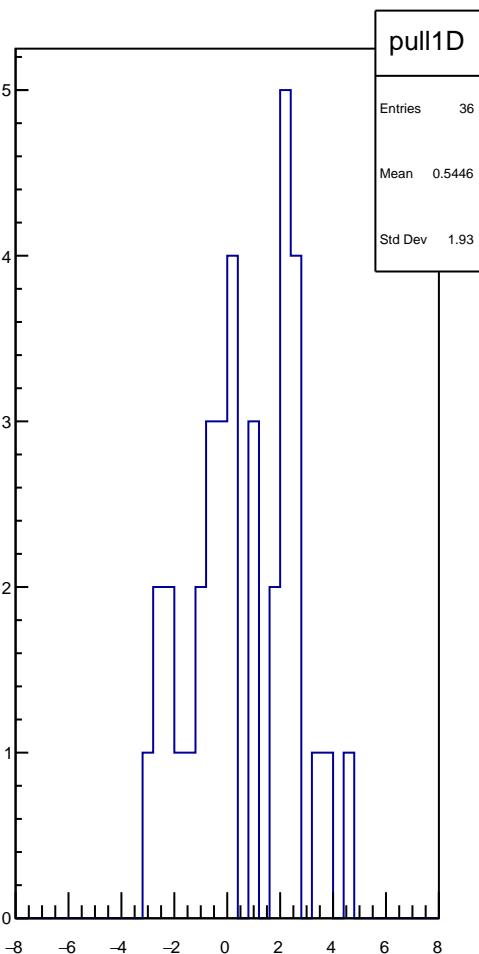
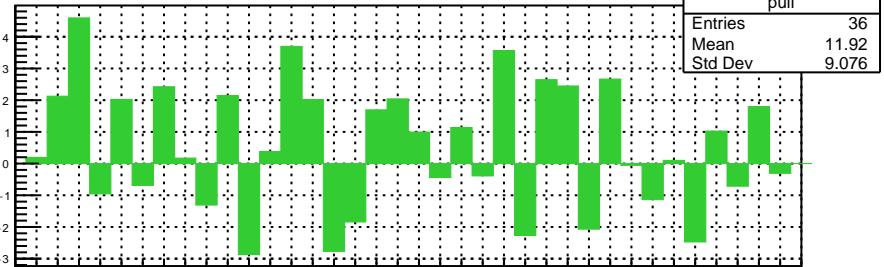
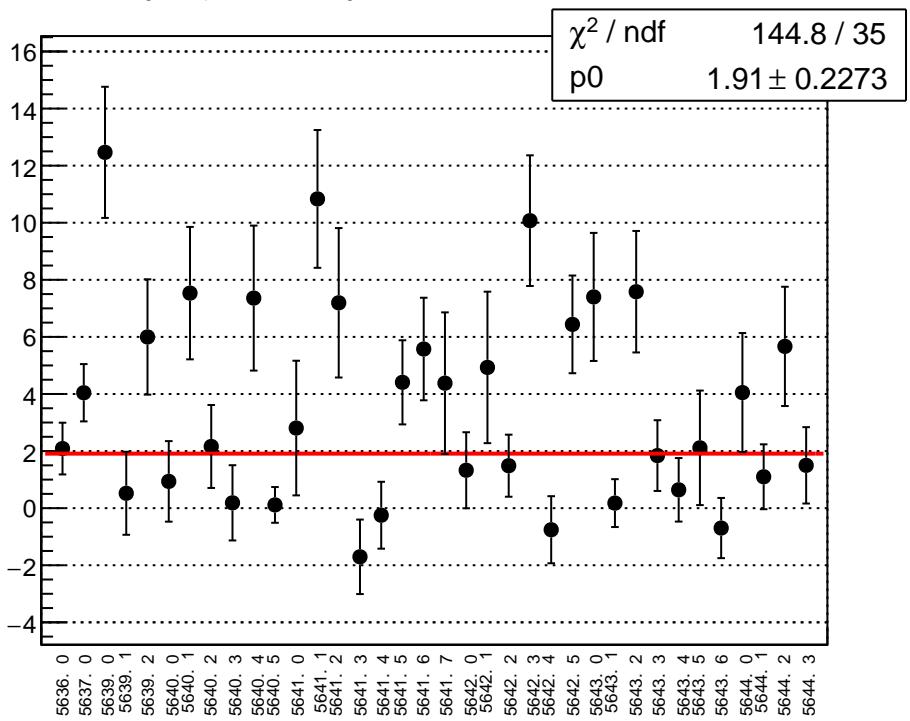
Entries 36  
Mean  $-0.06176$   
Std Dev 1.317



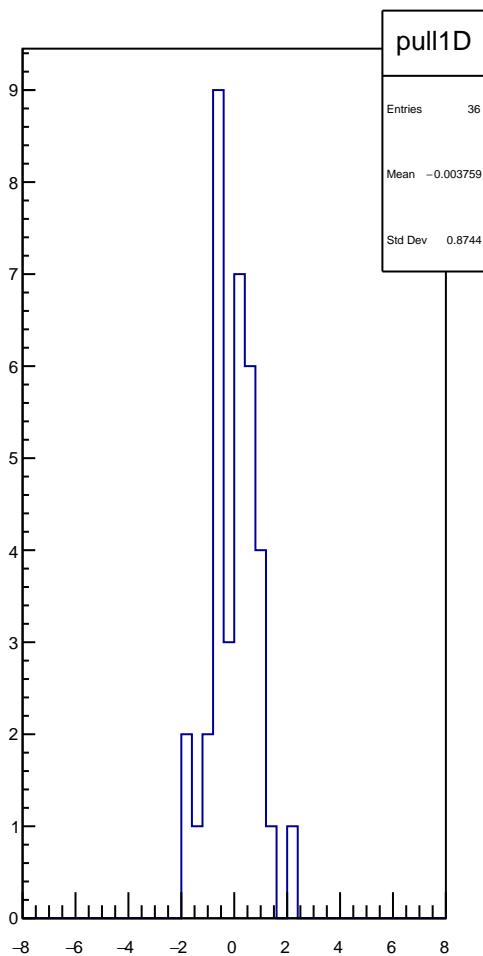
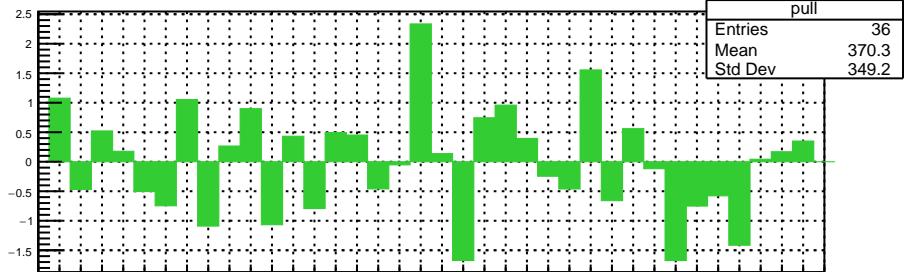
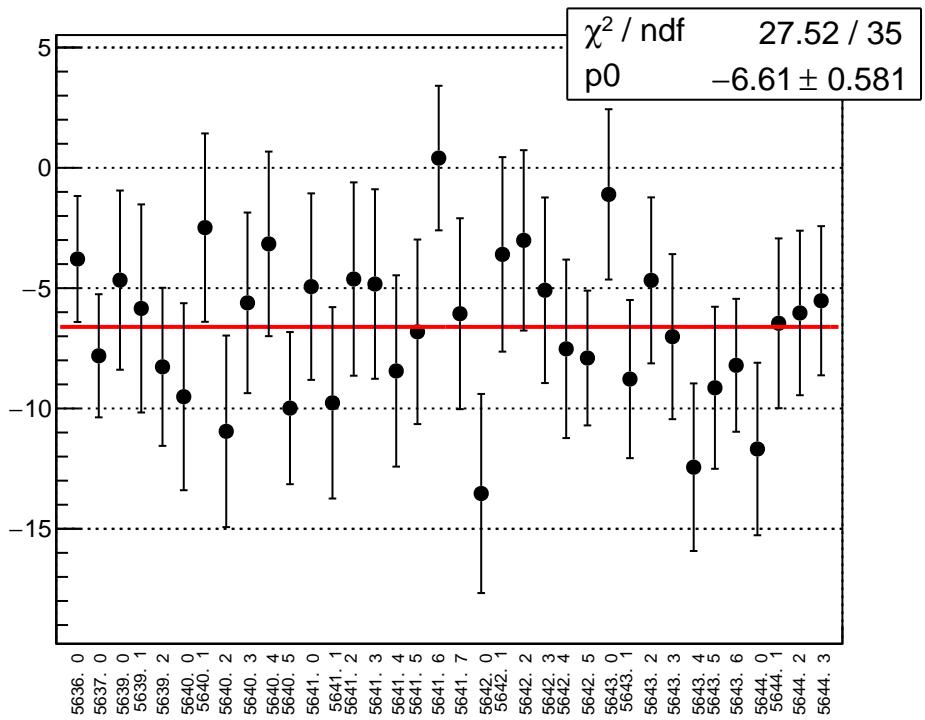
# reg\_asym\_bcm\_dg\_us\_diff\_bpm4aX\_slope vs run



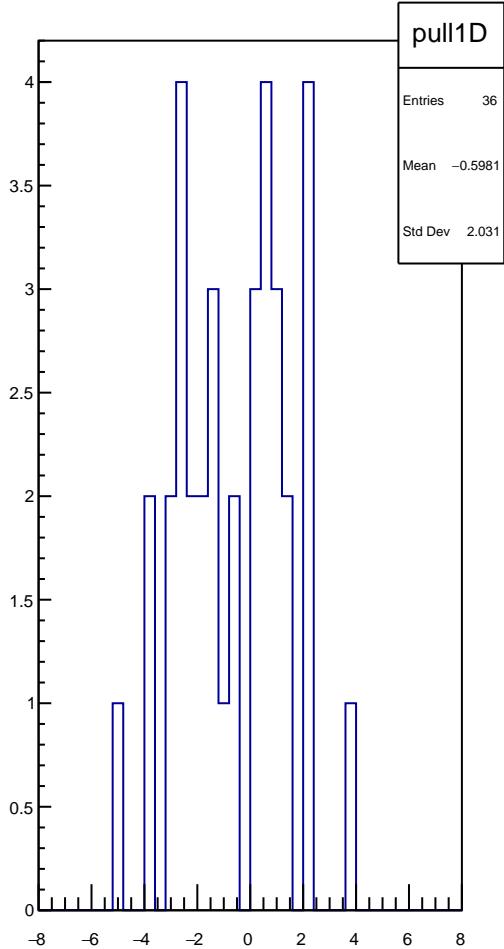
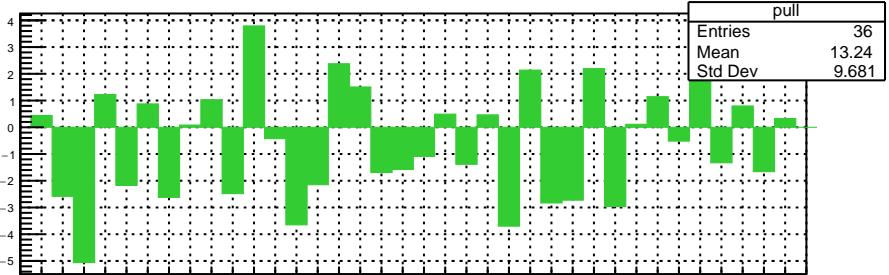
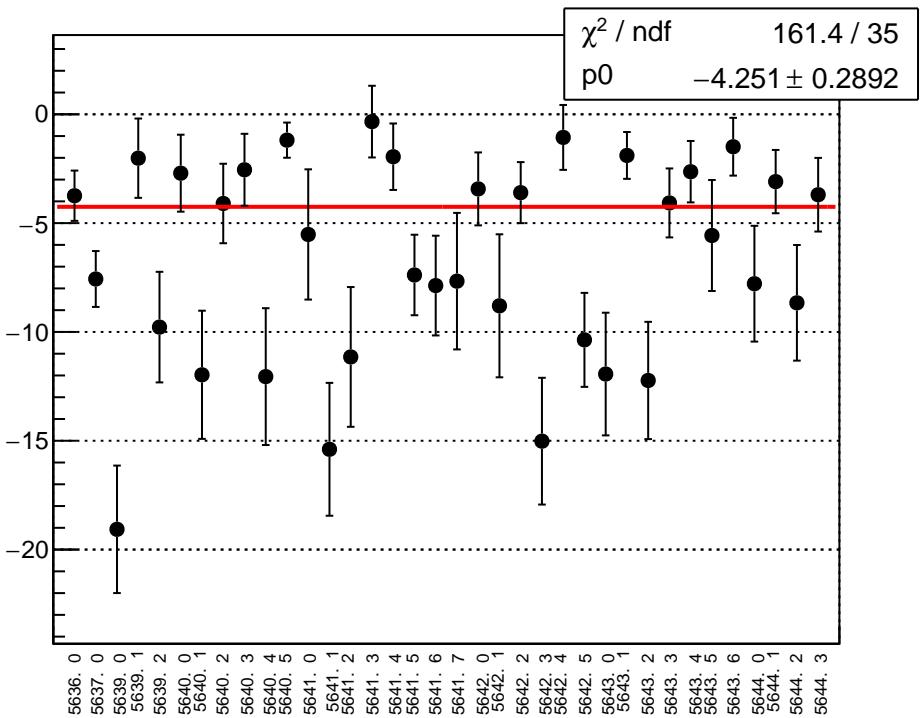
# reg\_asym\_bcm\_dg\_us\_diff\_bpm4aY\_slope vs run



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



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



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

