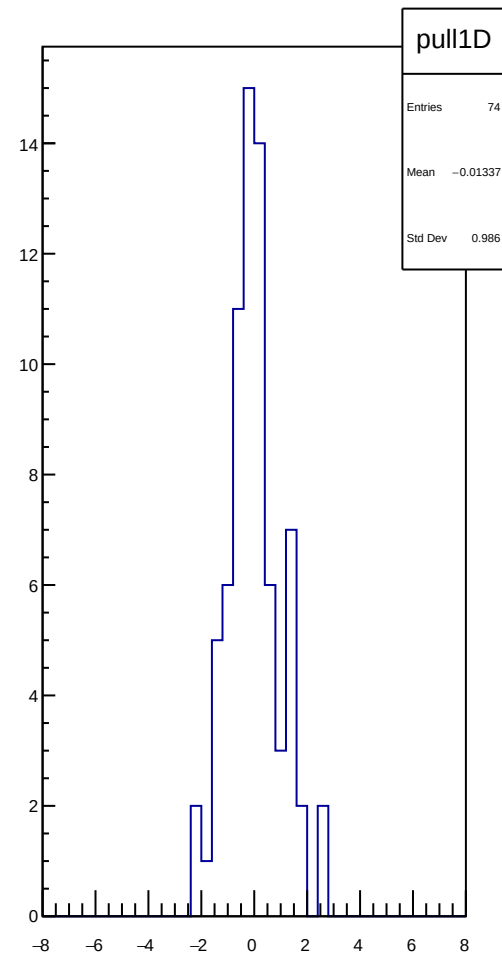
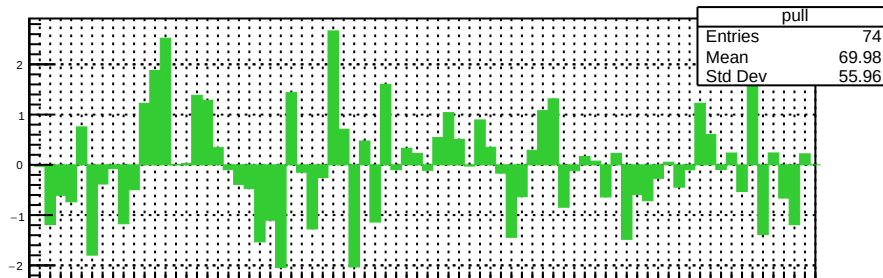
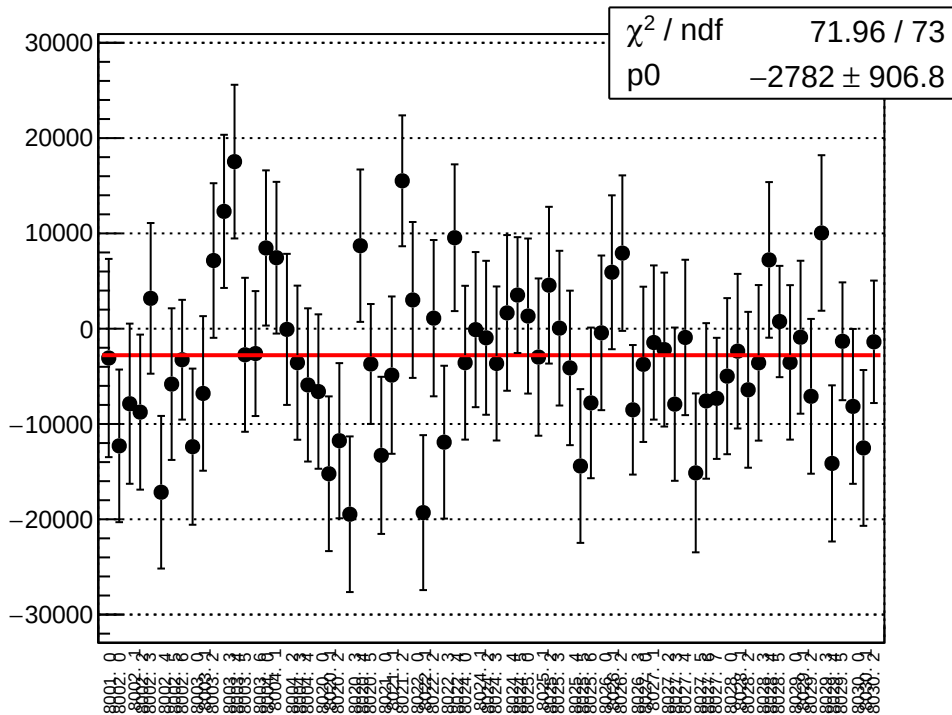
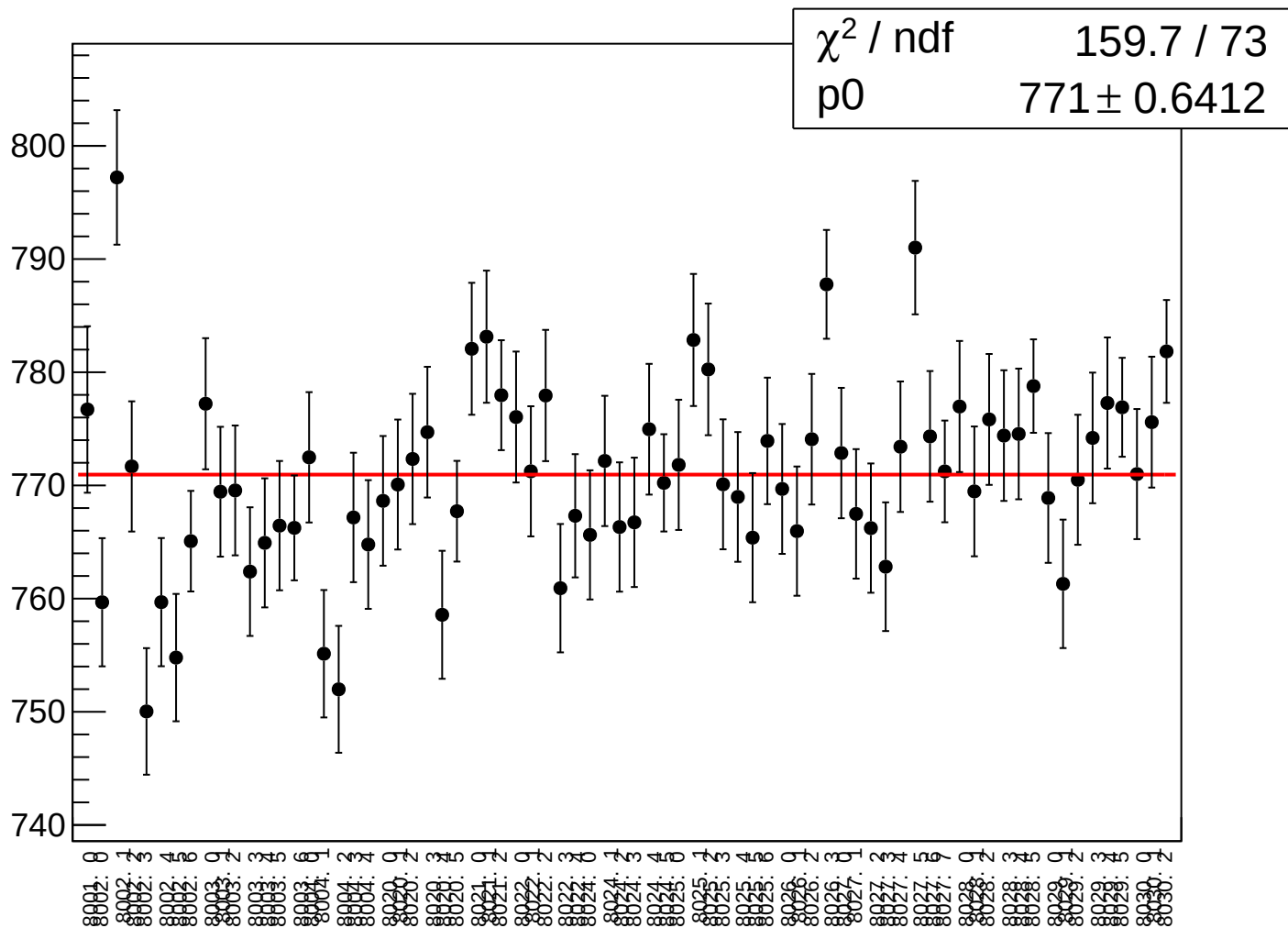


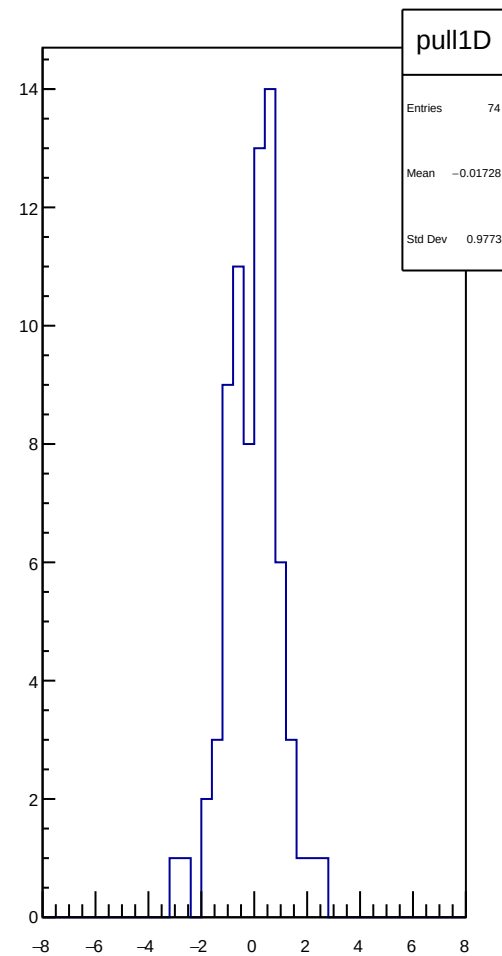
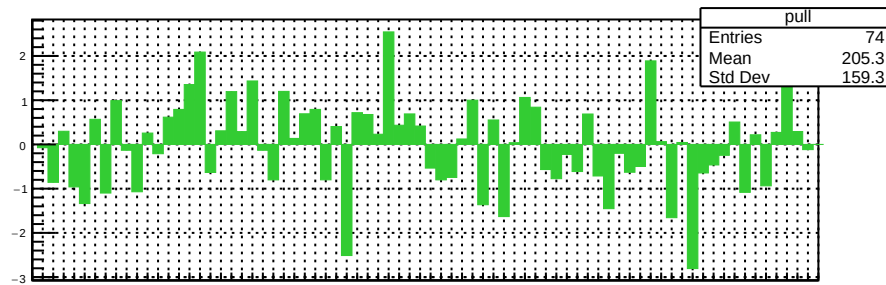
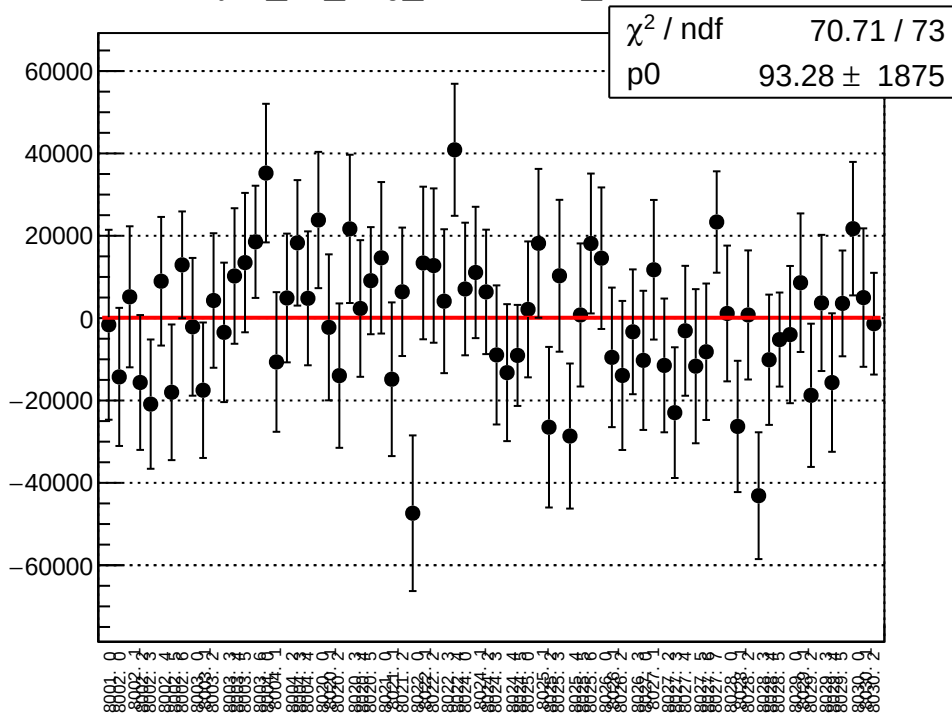
# reg\_asym\_us\_avg\_mean vs run



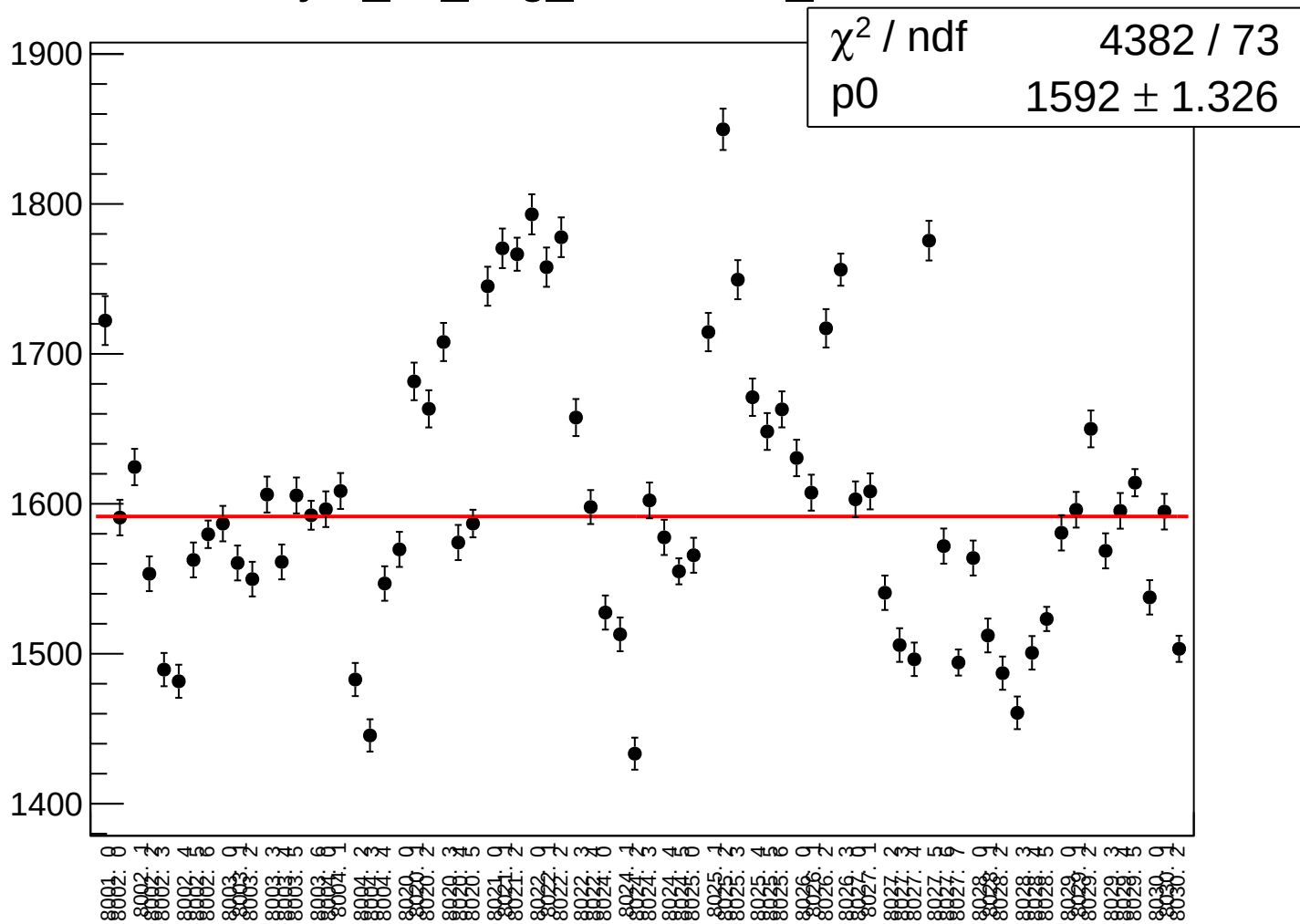
reg\_asym\_us\_avg\_rms vs run



asym\_us\_avg\_correction\_mean vs run

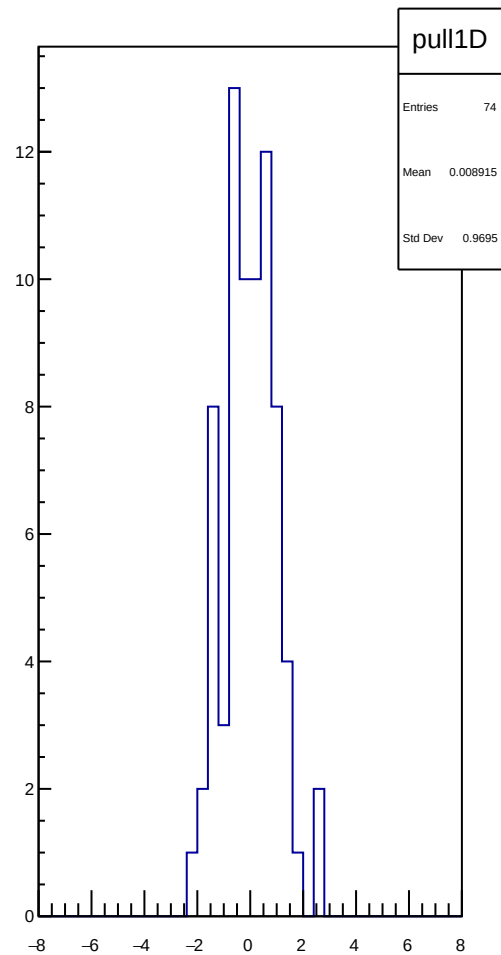
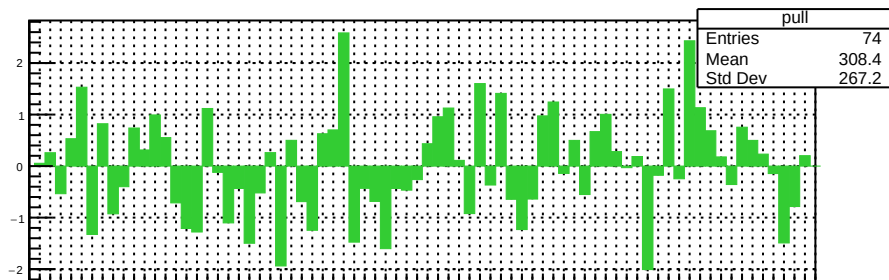
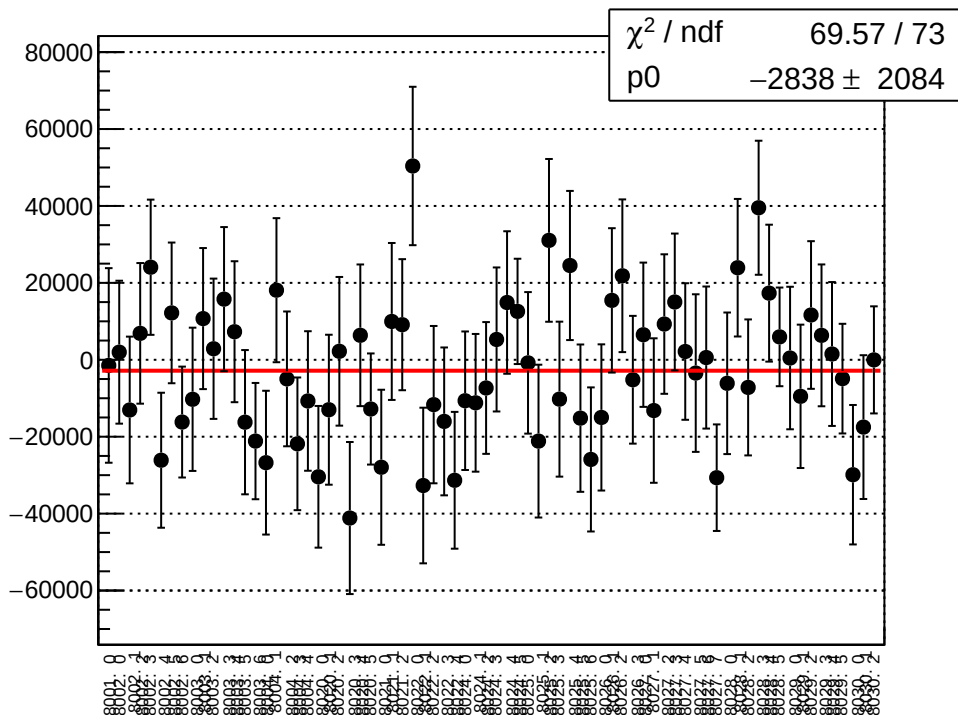


asym\_us\_avg\_correction\_rms vs run

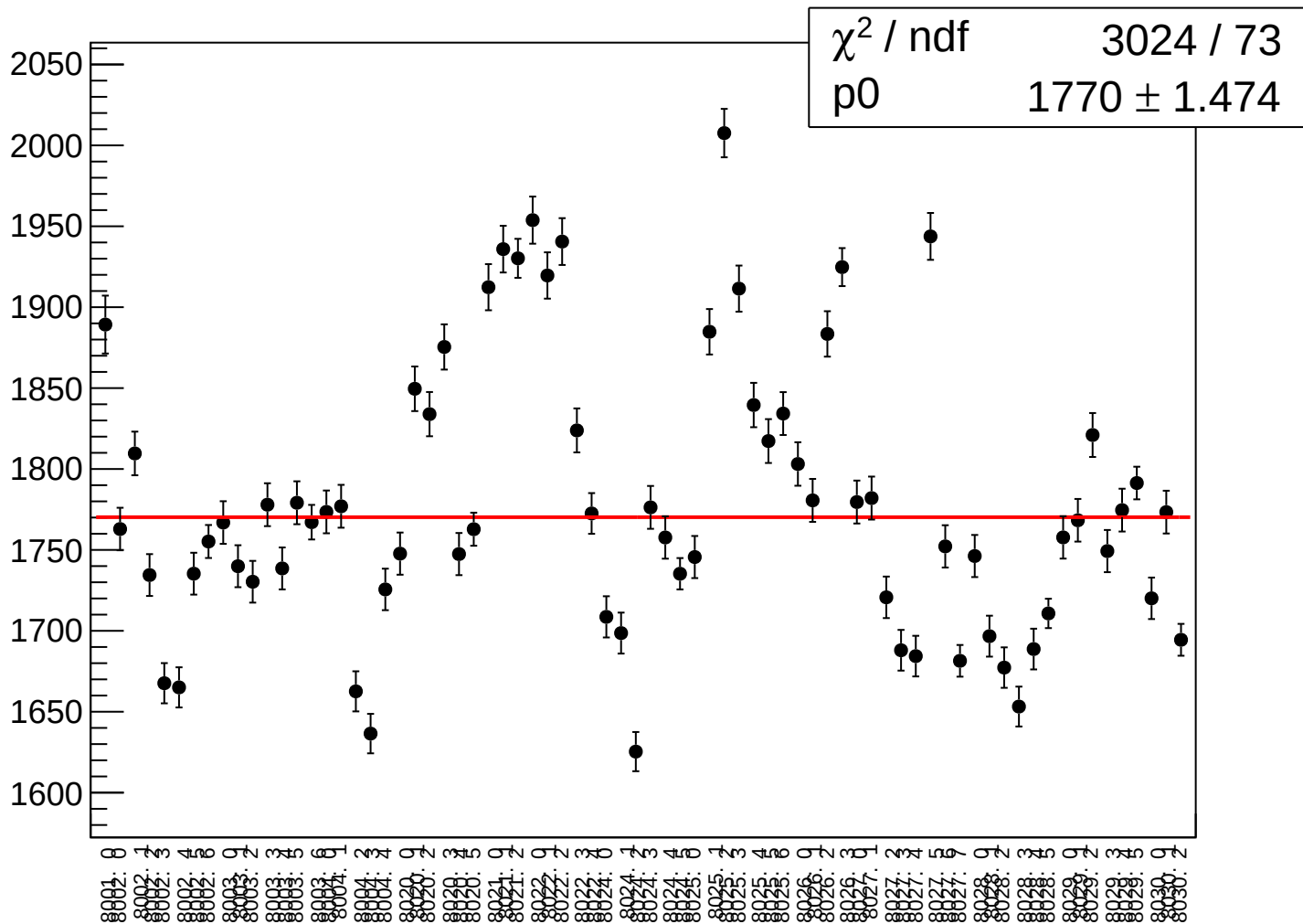




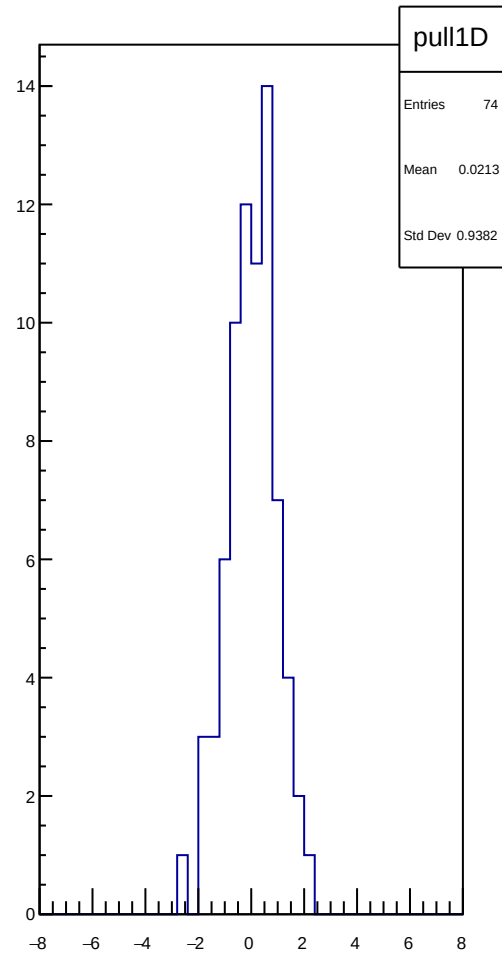
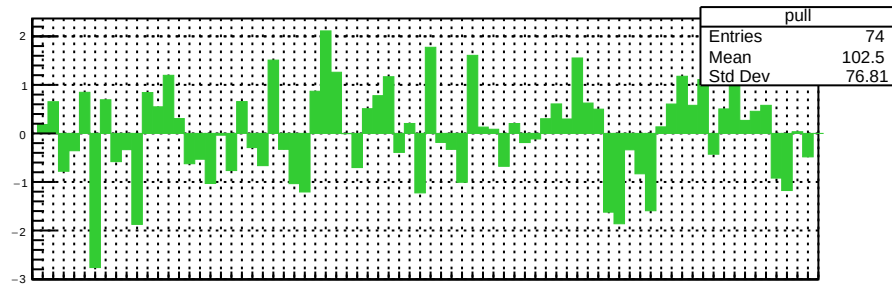
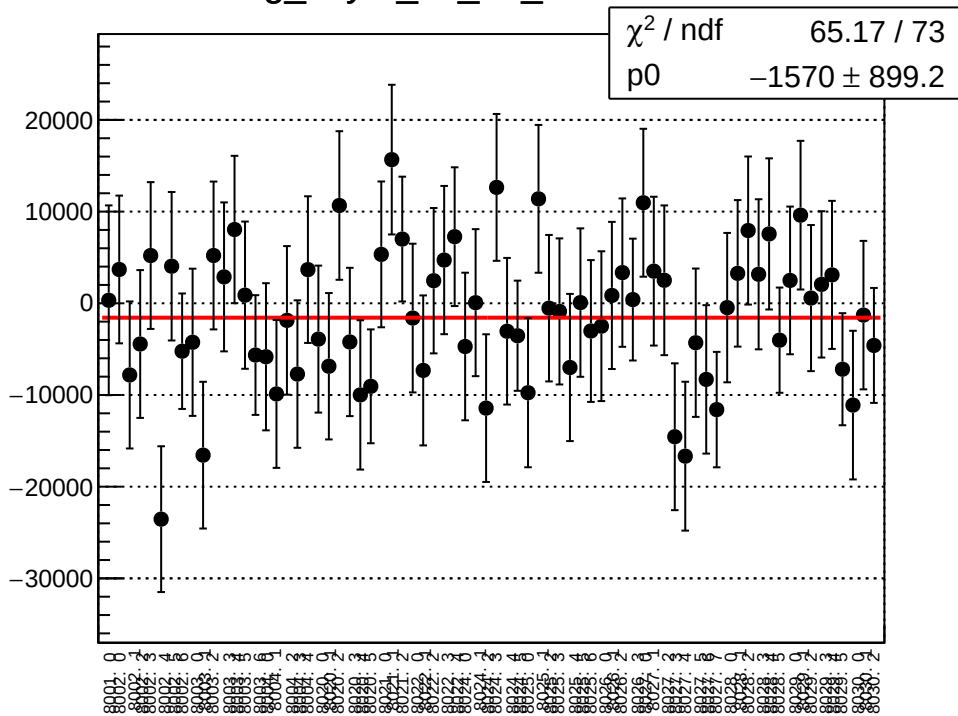
# asym\_us\_avg\_mean vs run



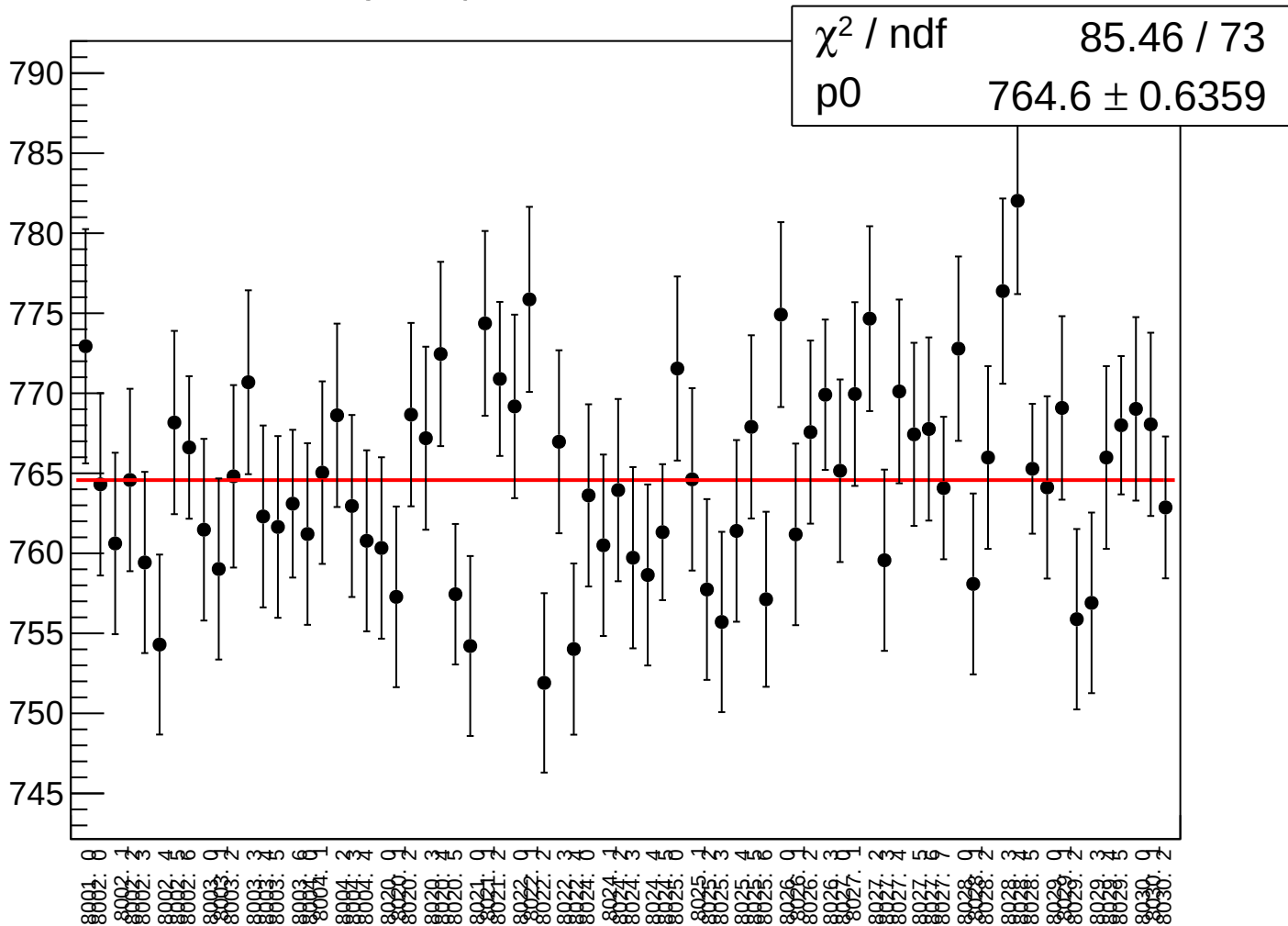
asym\_us\_avg\_rms vs run



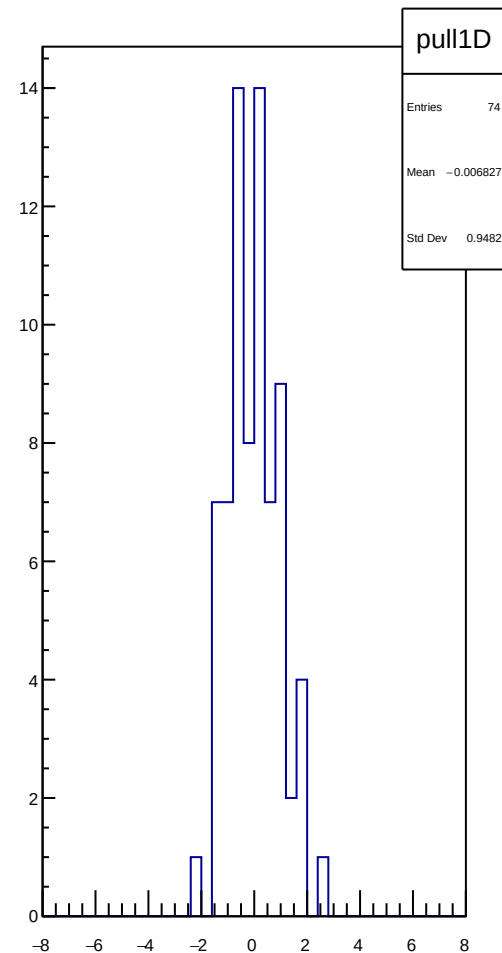
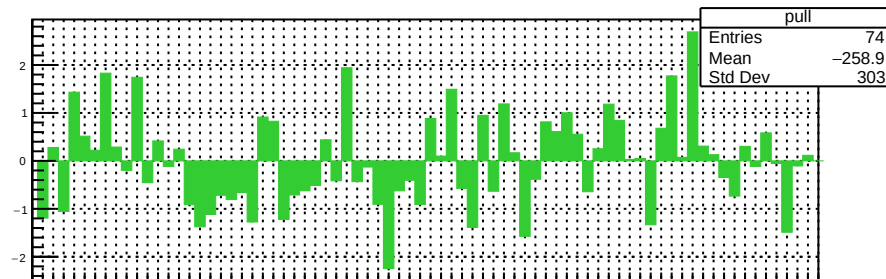
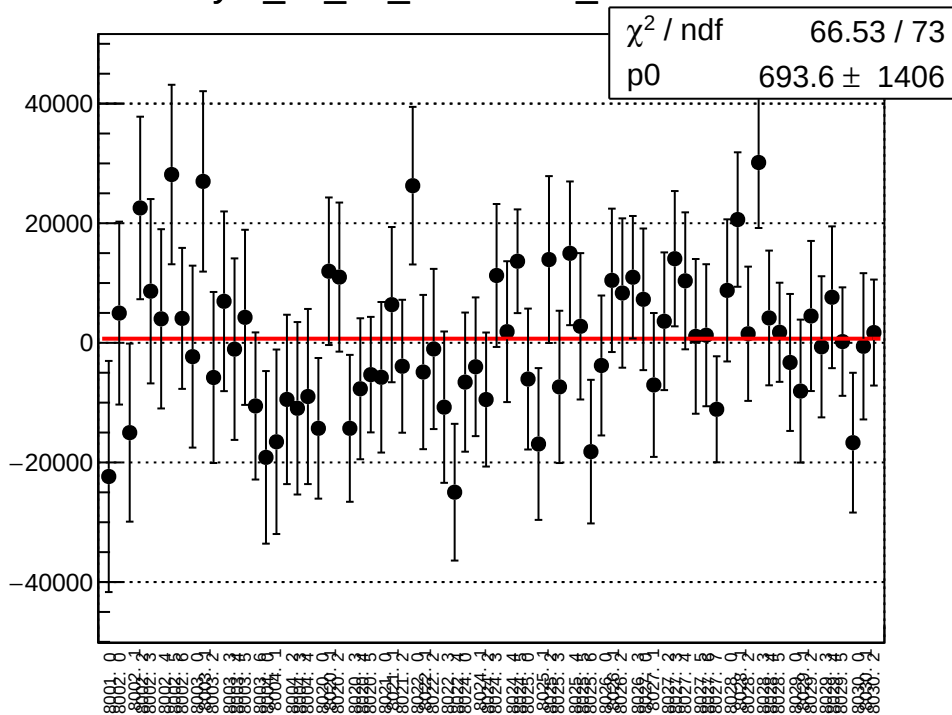
# reg\_asym\_us\_dd\_mean vs run



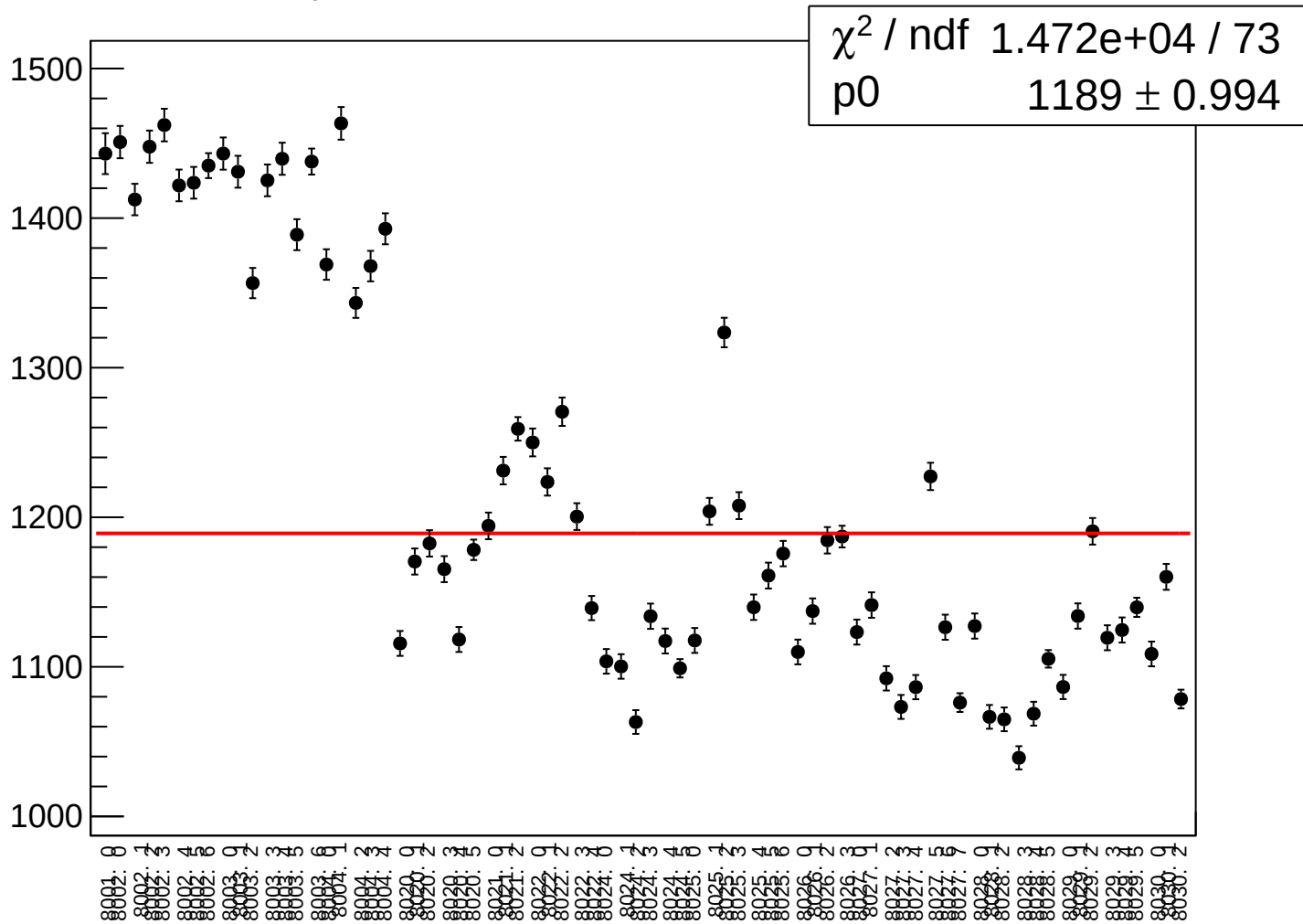
# reg\_asym\_us\_dd\_rms vs run



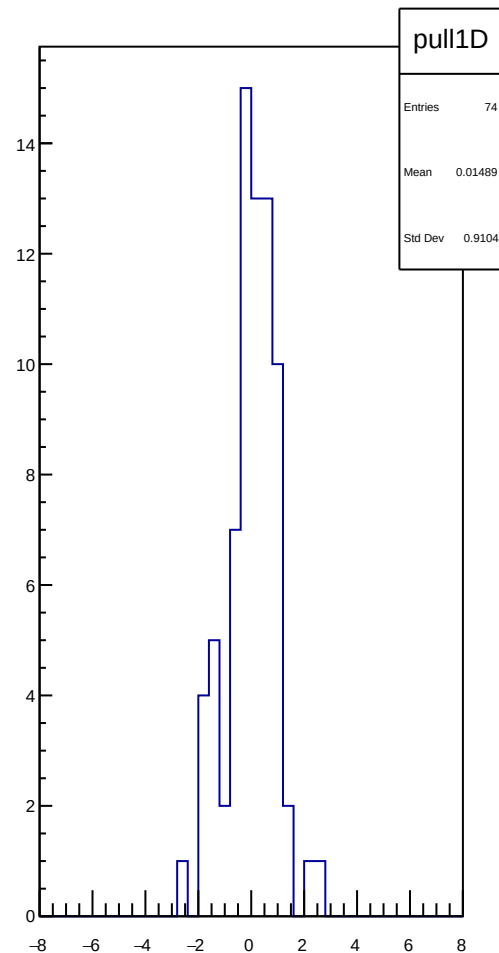
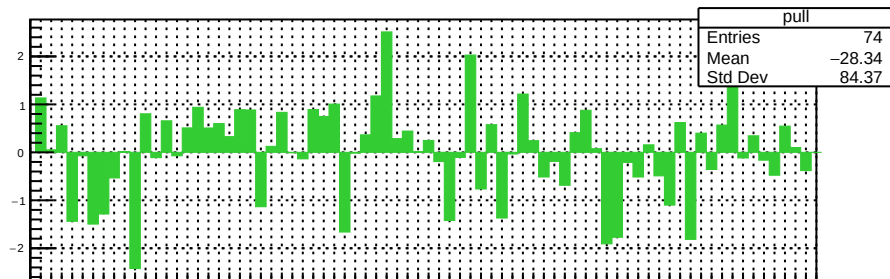
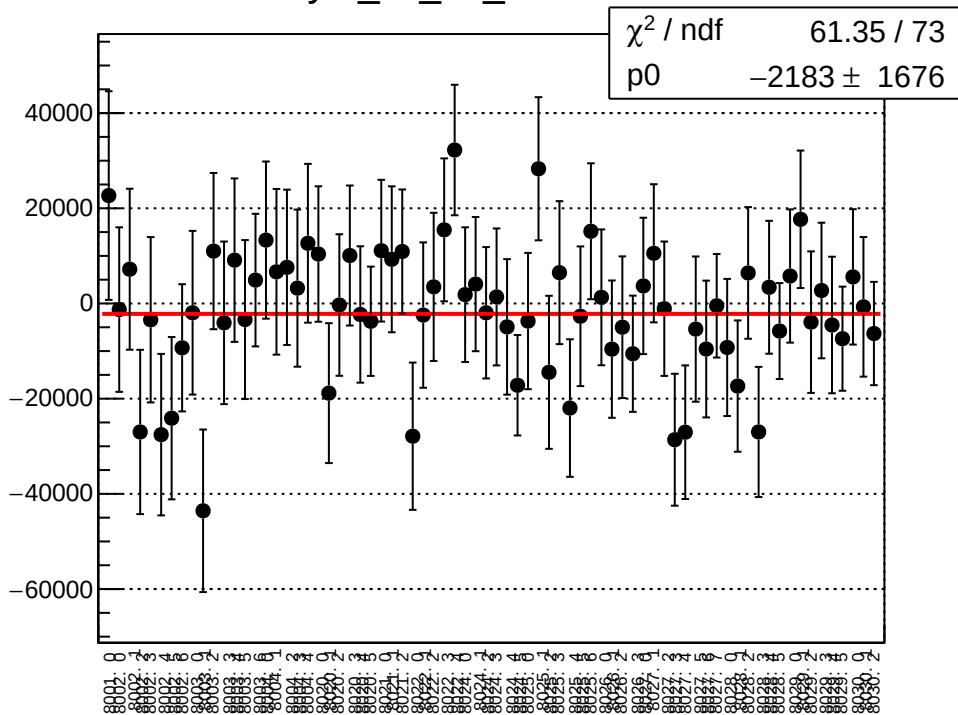
# asym\_us\_dd\_correction\_mean vs run



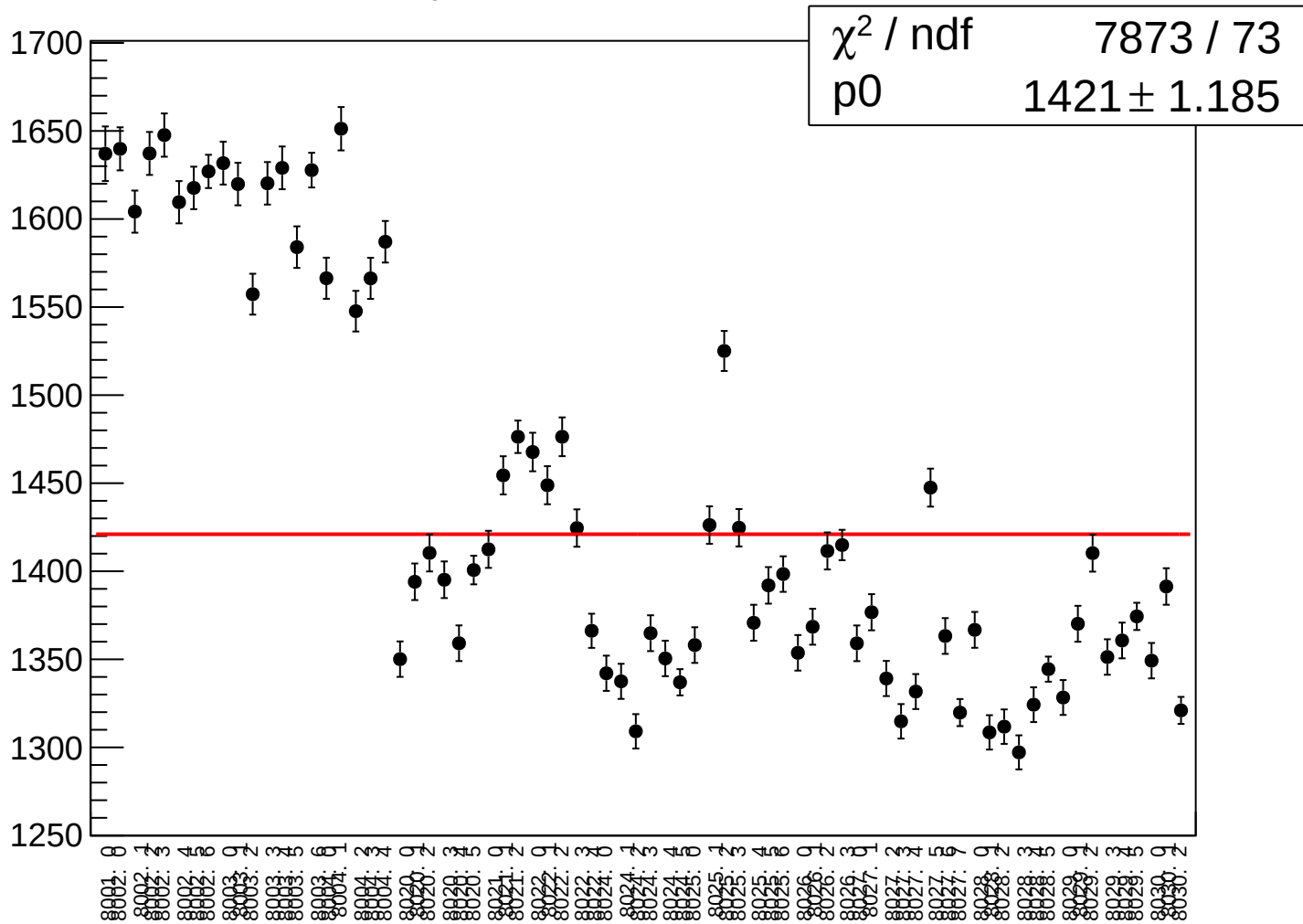
# asym\_us\_dd\_correction\_rms vs run



# asym\_us\_dd\_mean vs run

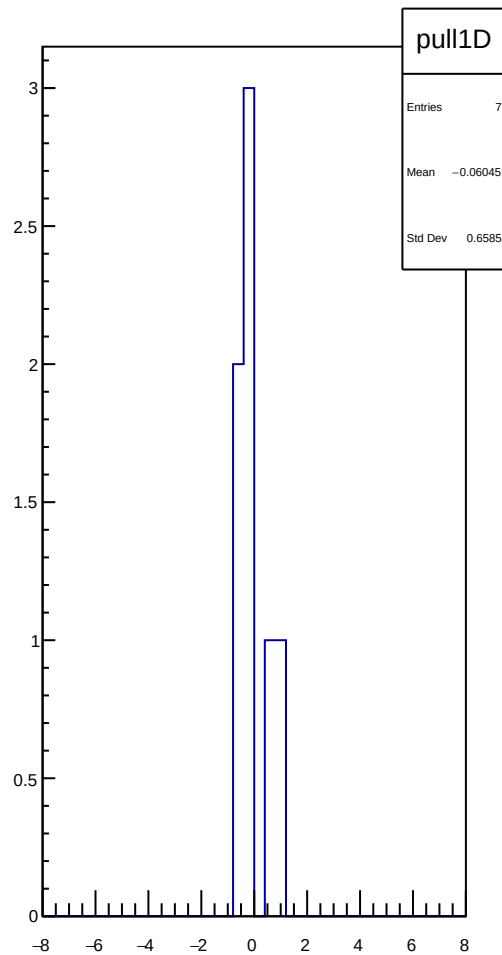
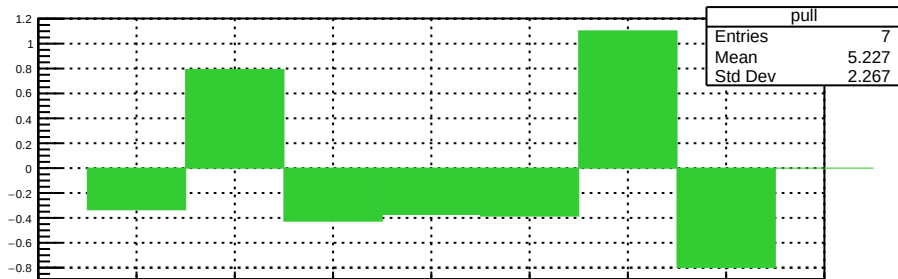
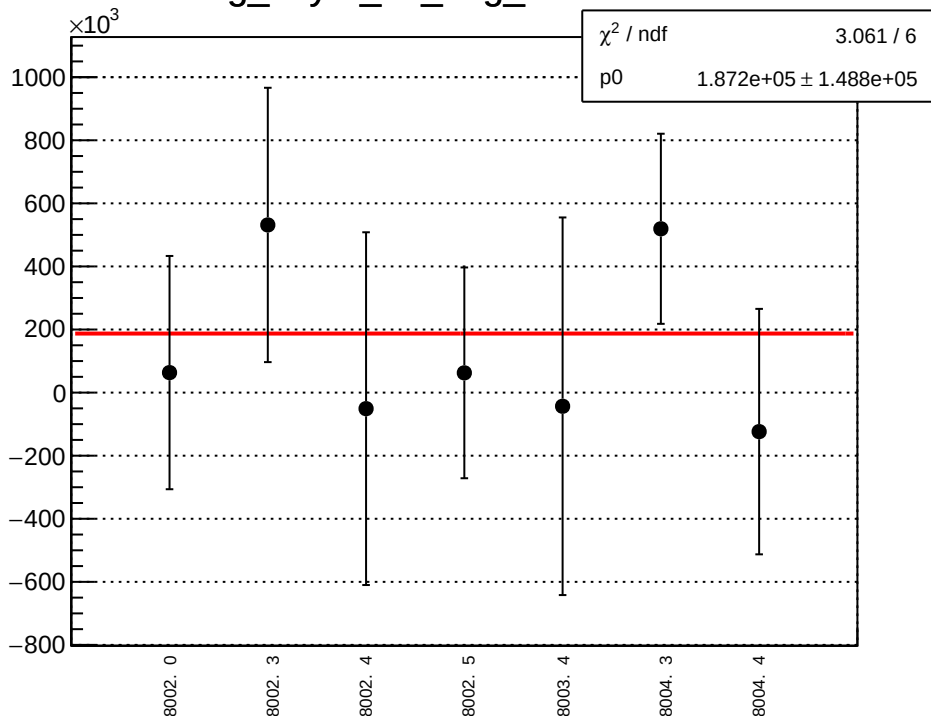


# asym\_us\_dd\_rms vs run

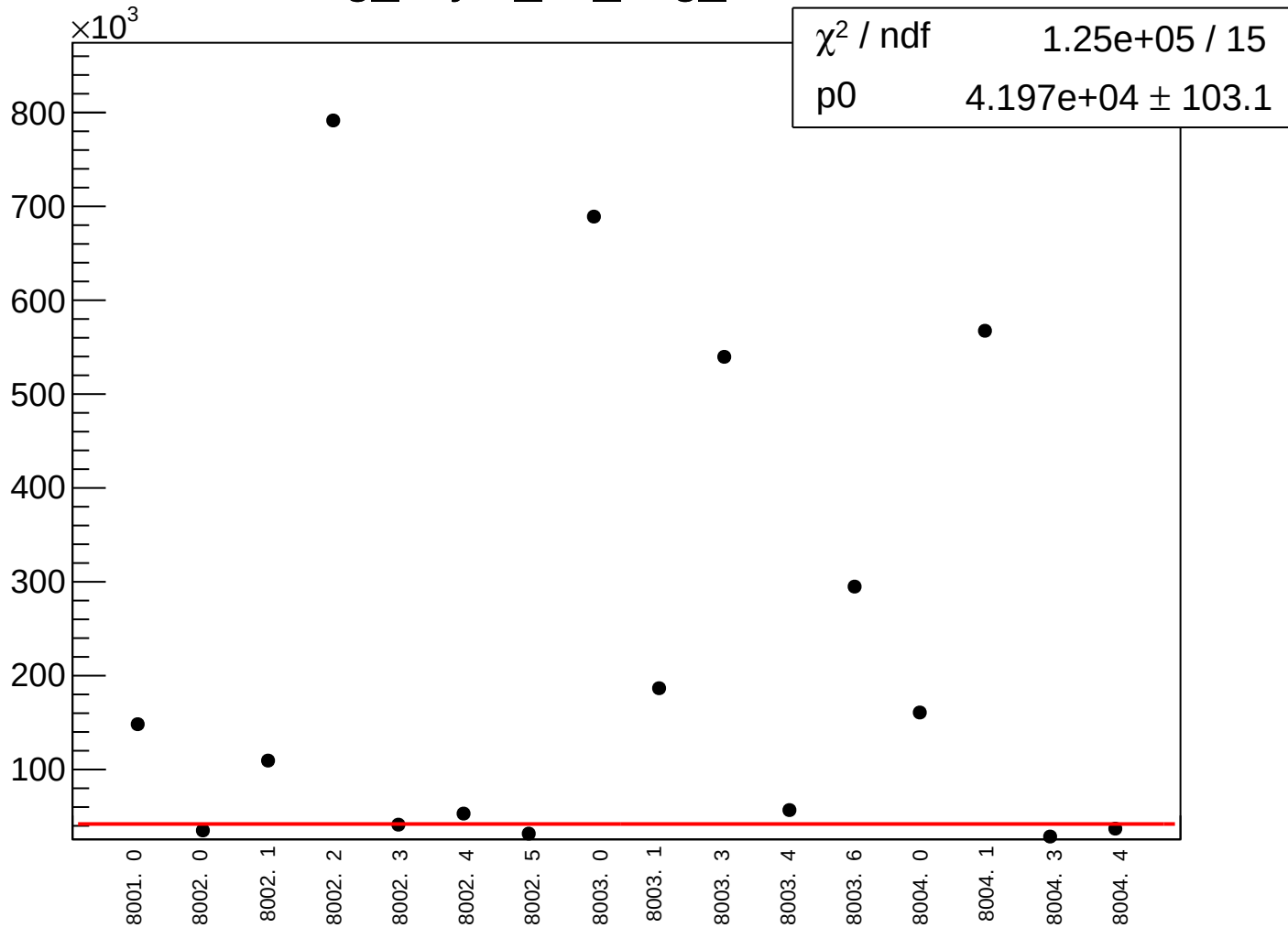




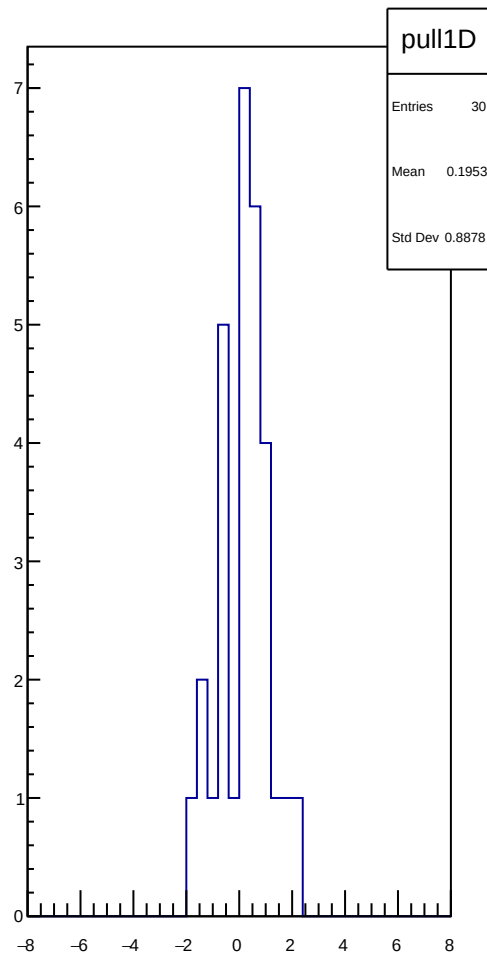
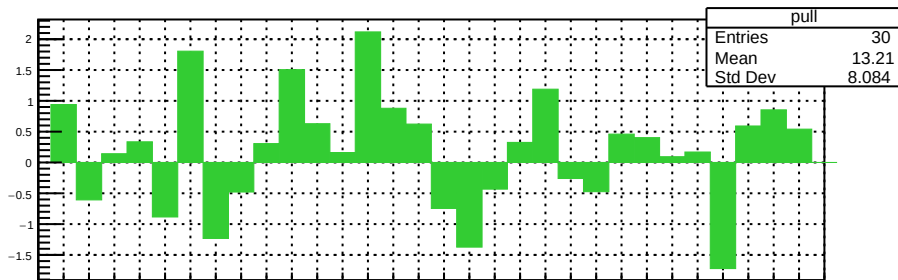
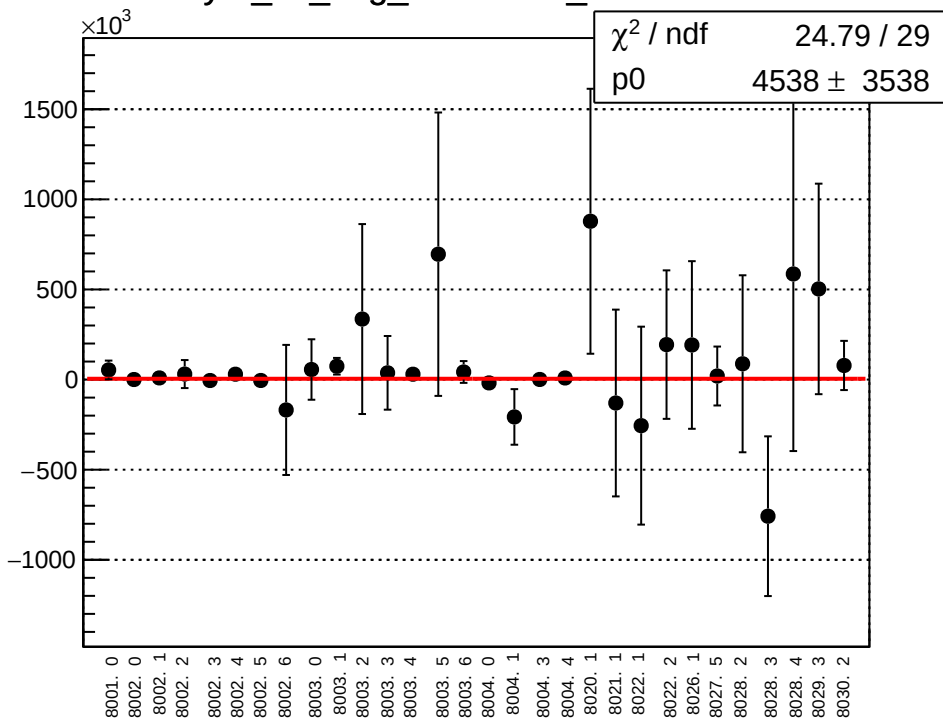
reg\_asym\_ds\_avg\_mean vs run



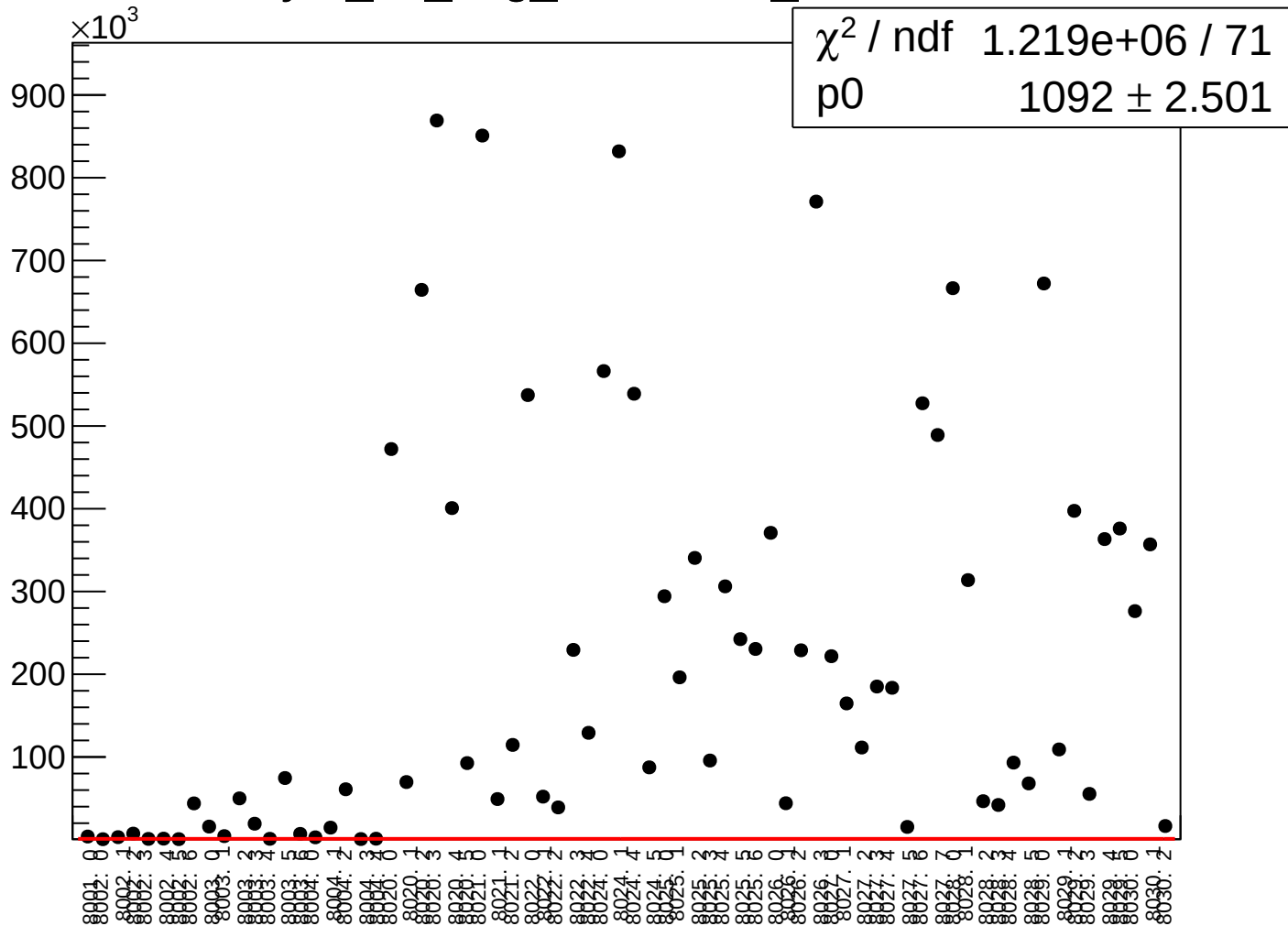
# reg\_asym\_ds\_avg\_rms vs run



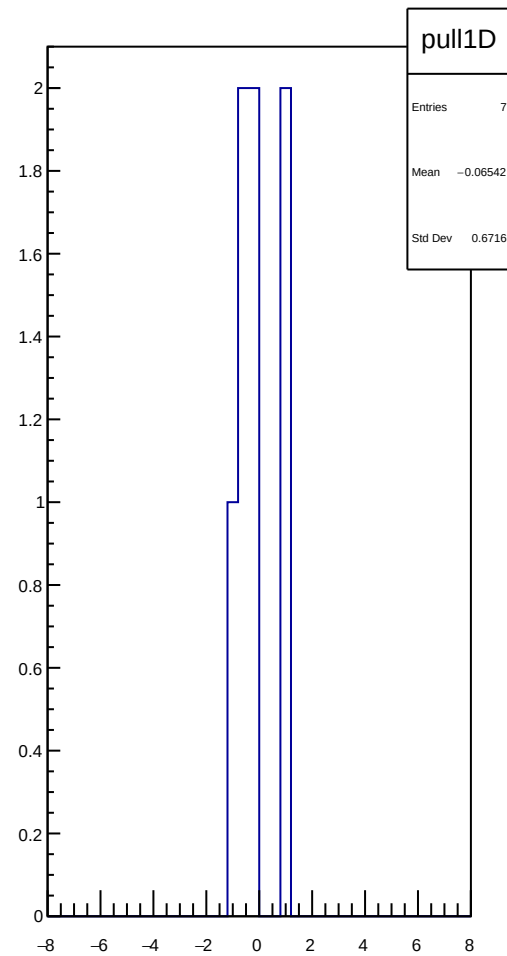
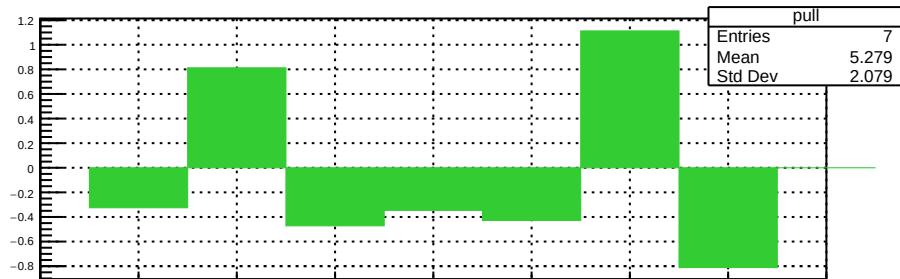
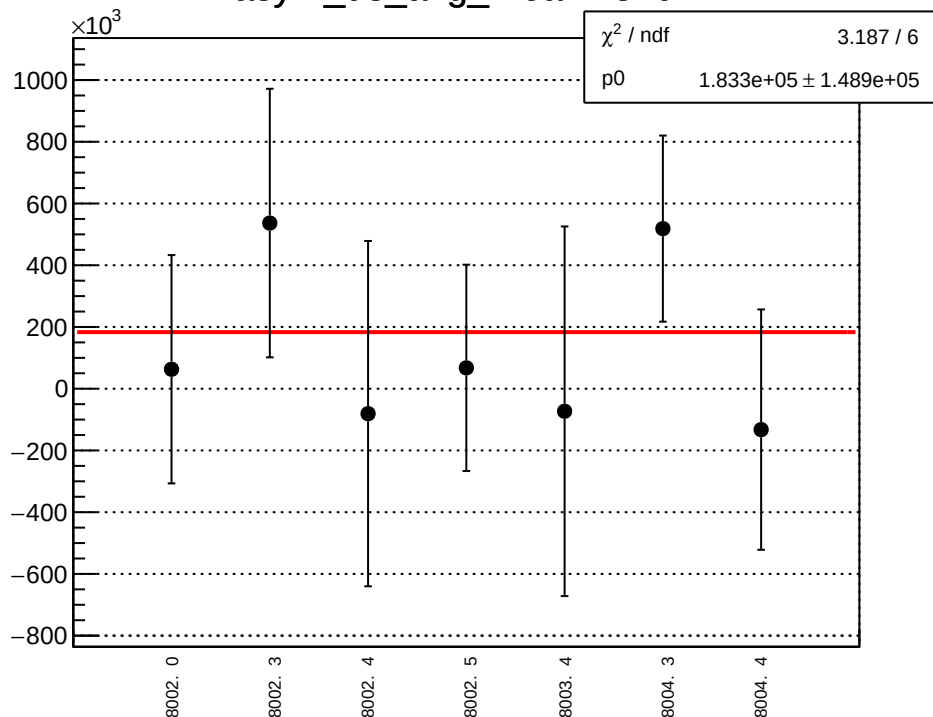
asym\_ds\_avg\_correction\_mean vs run



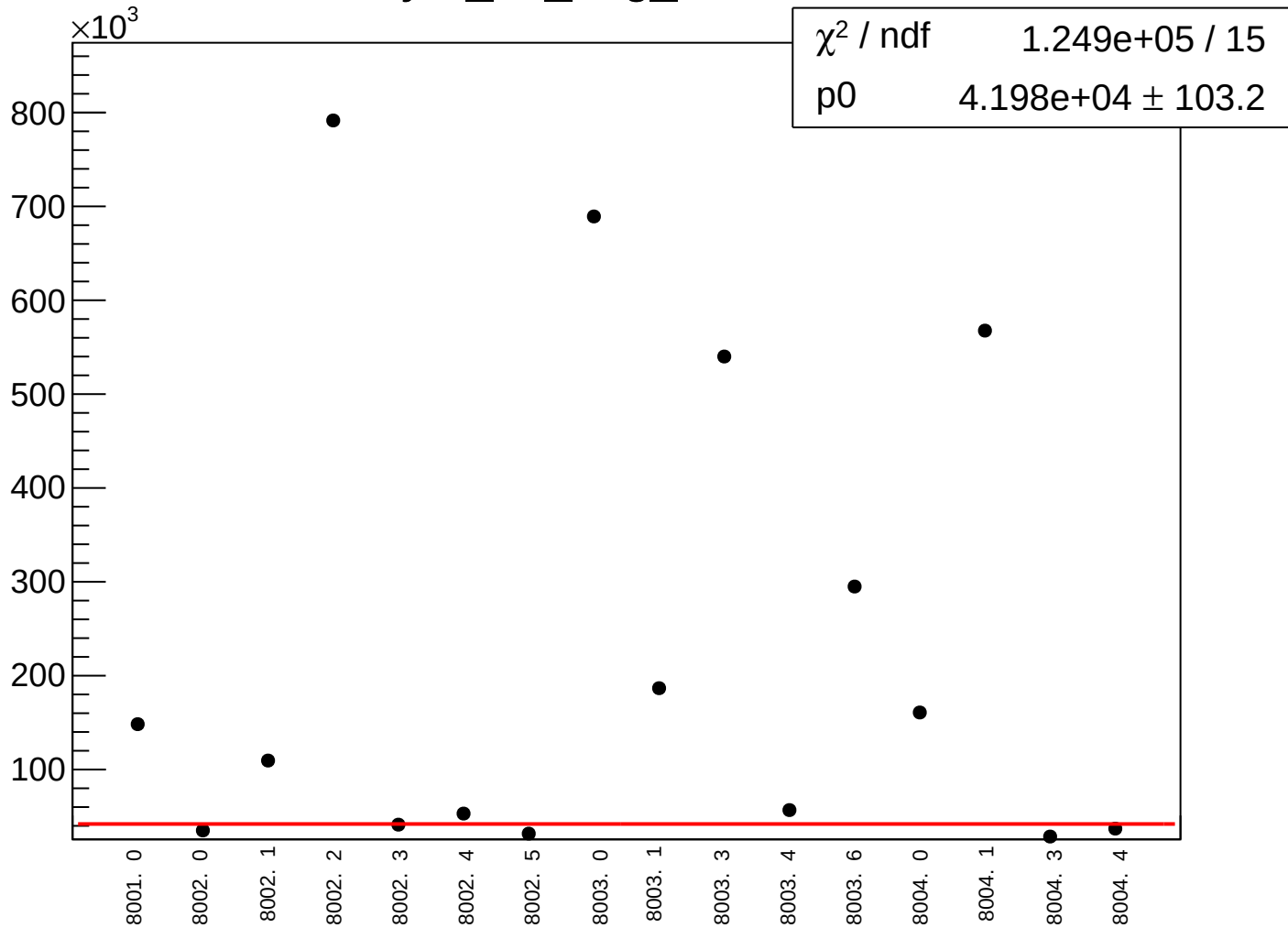
asym\_ds\_avg\_correction\_rms vs run



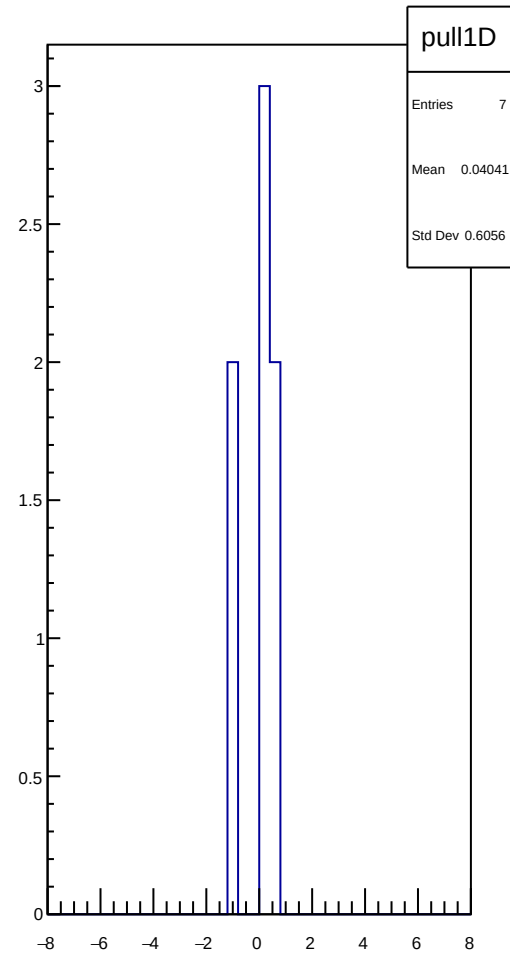
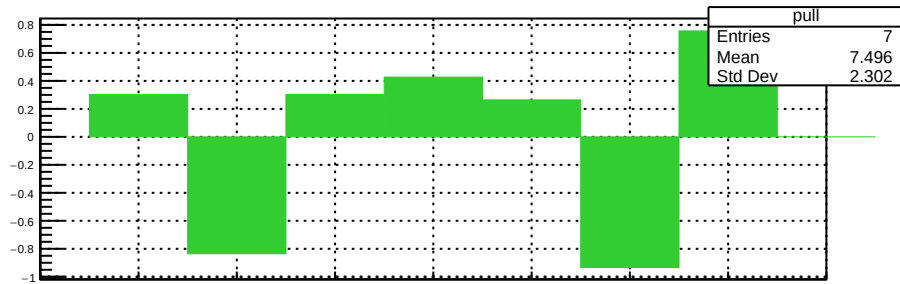
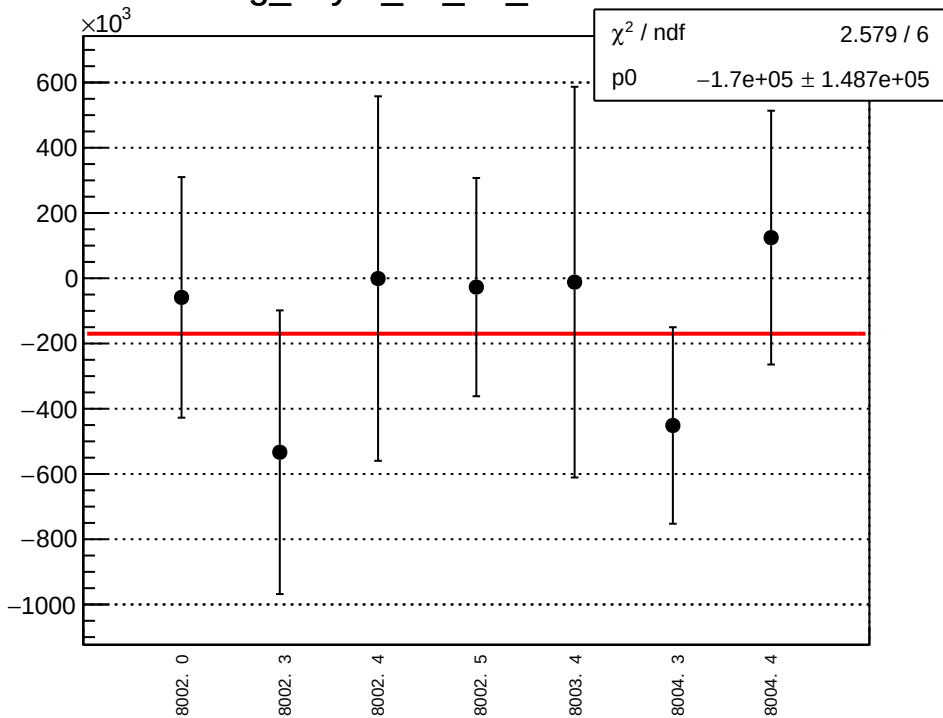
# asym\_ds\_avg\_mean vs run



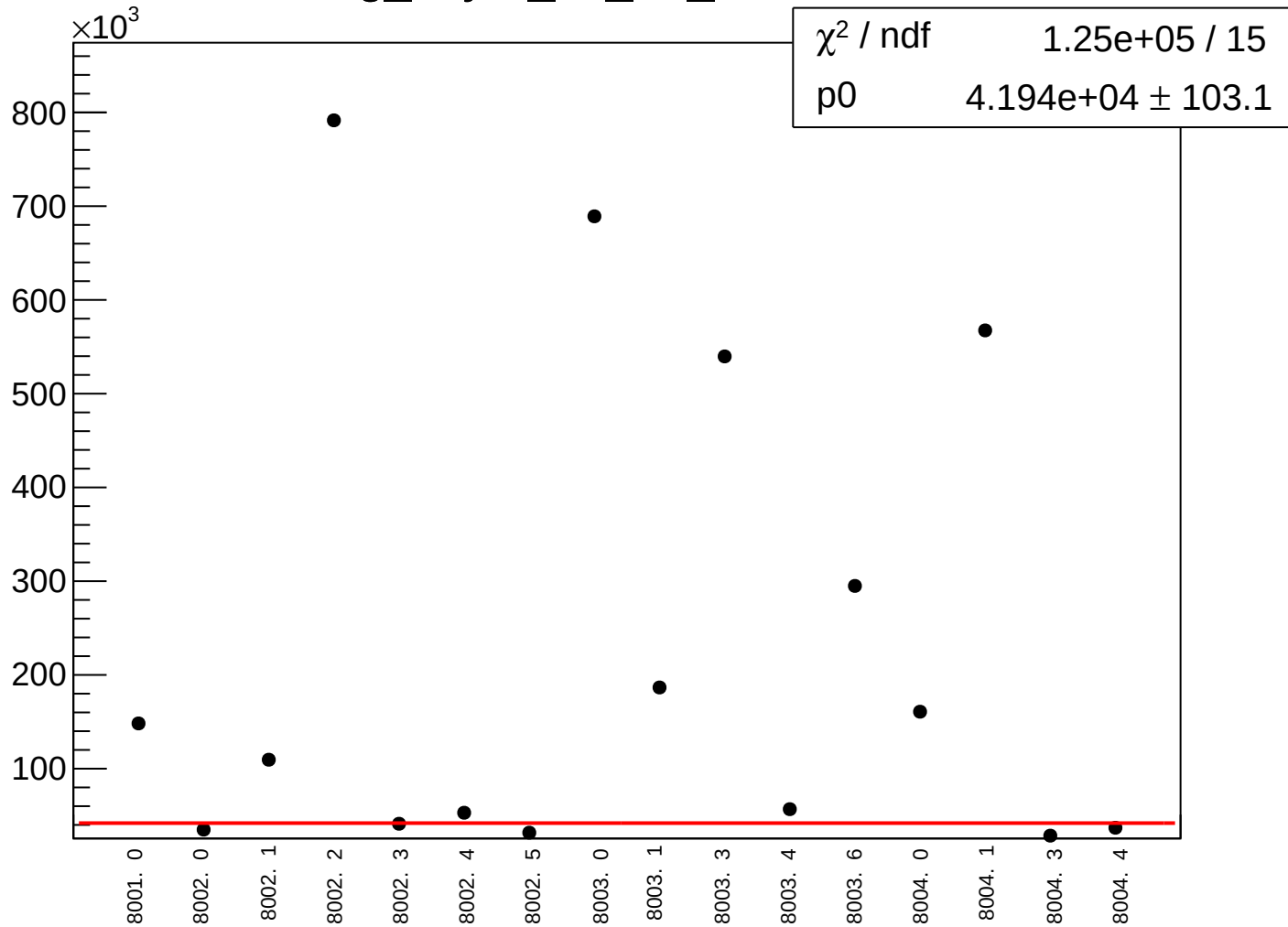
# asym\_ds\_avg\_rms vs run



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

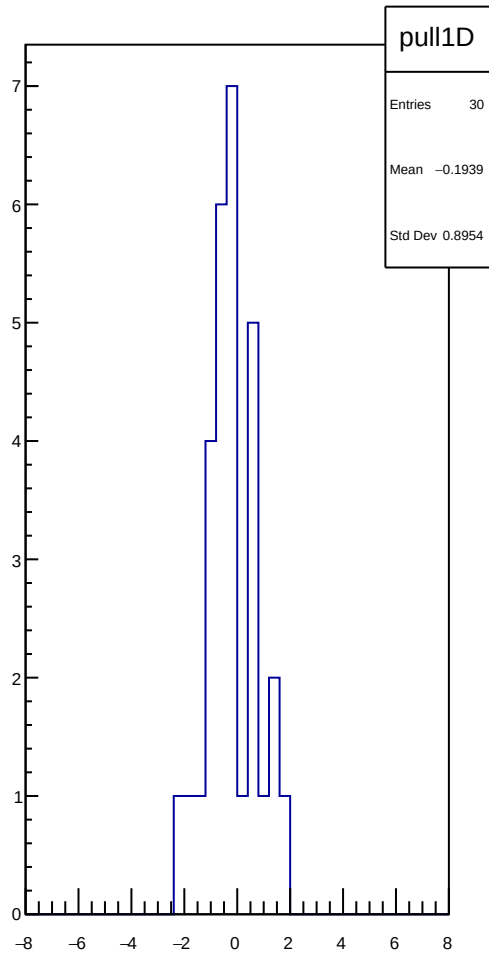
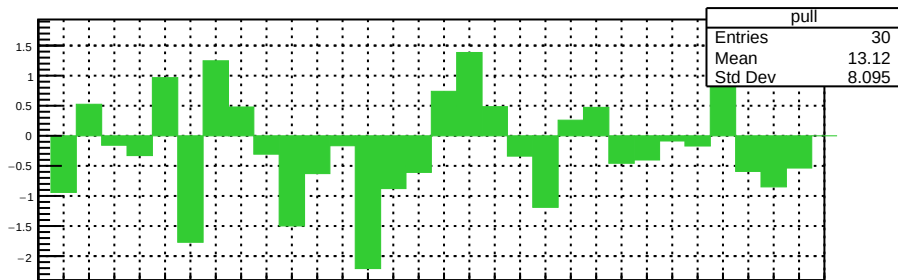
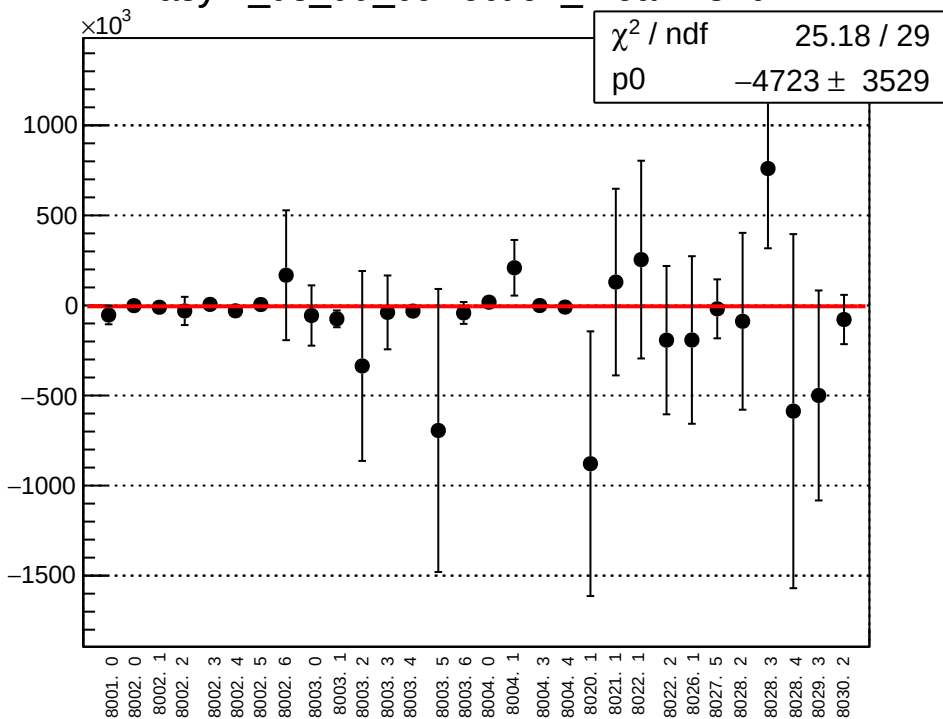


# reg\_asym\_ds\_dd\_rms vs run

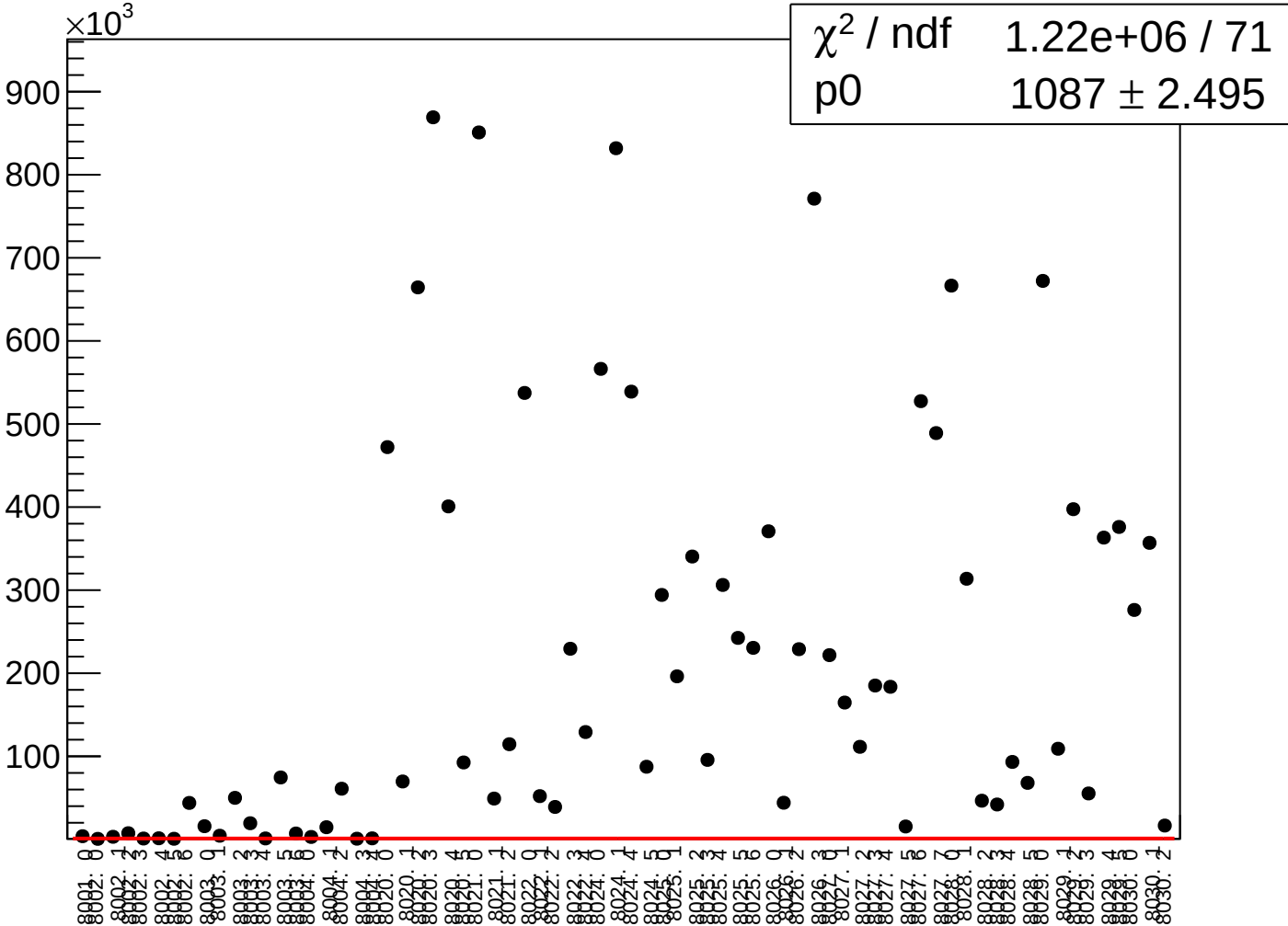




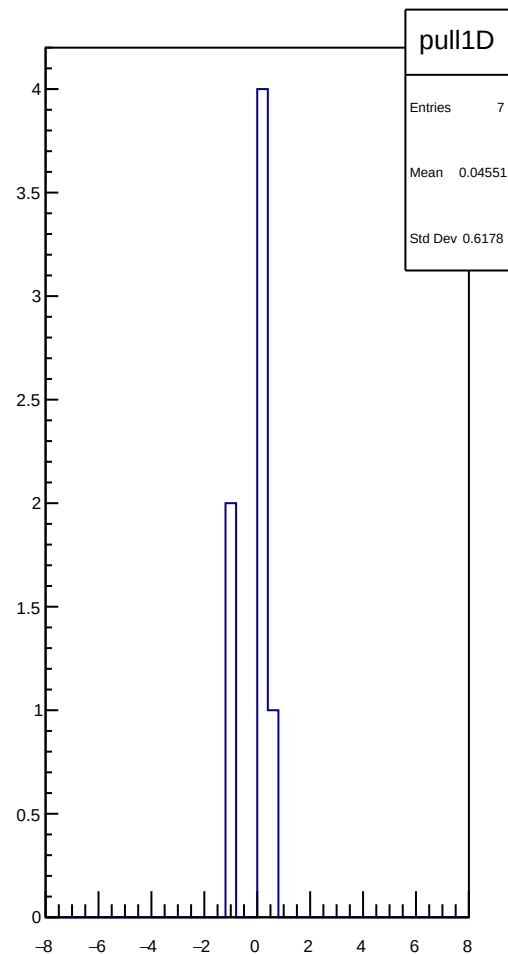
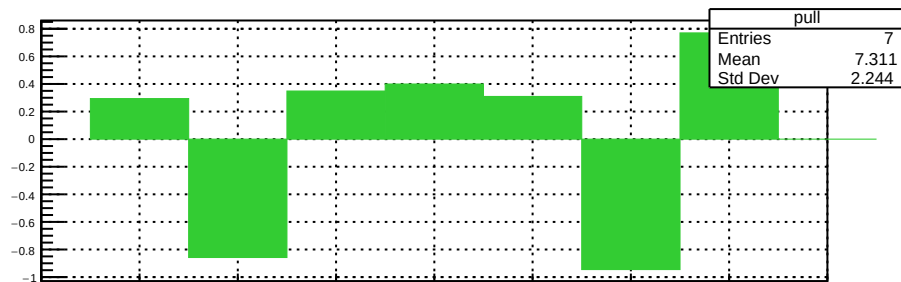
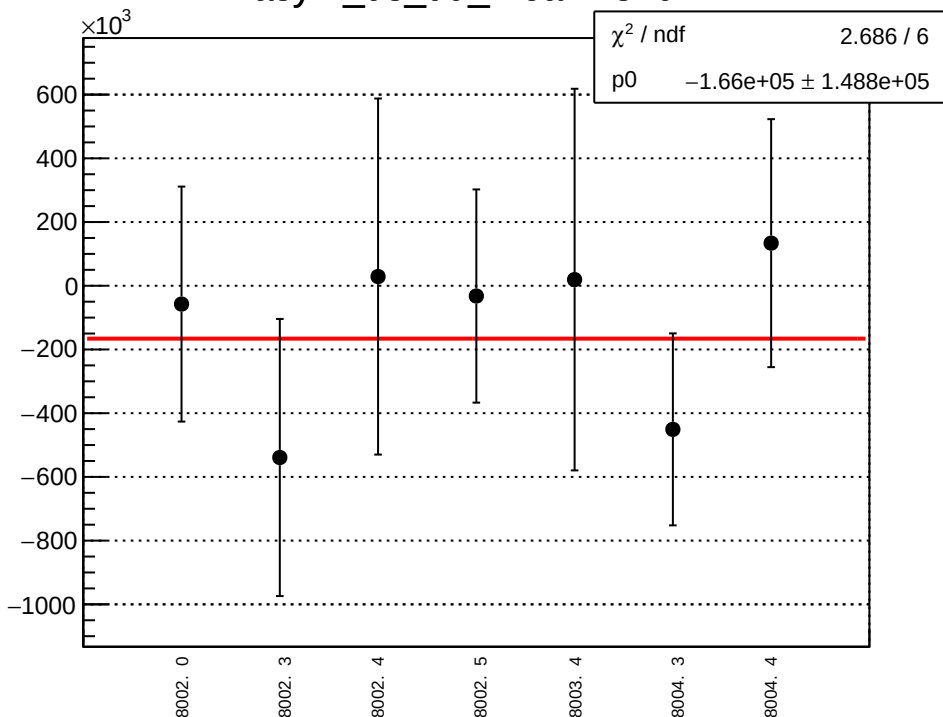
asym\_ds\_dd\_correction\_mean vs run



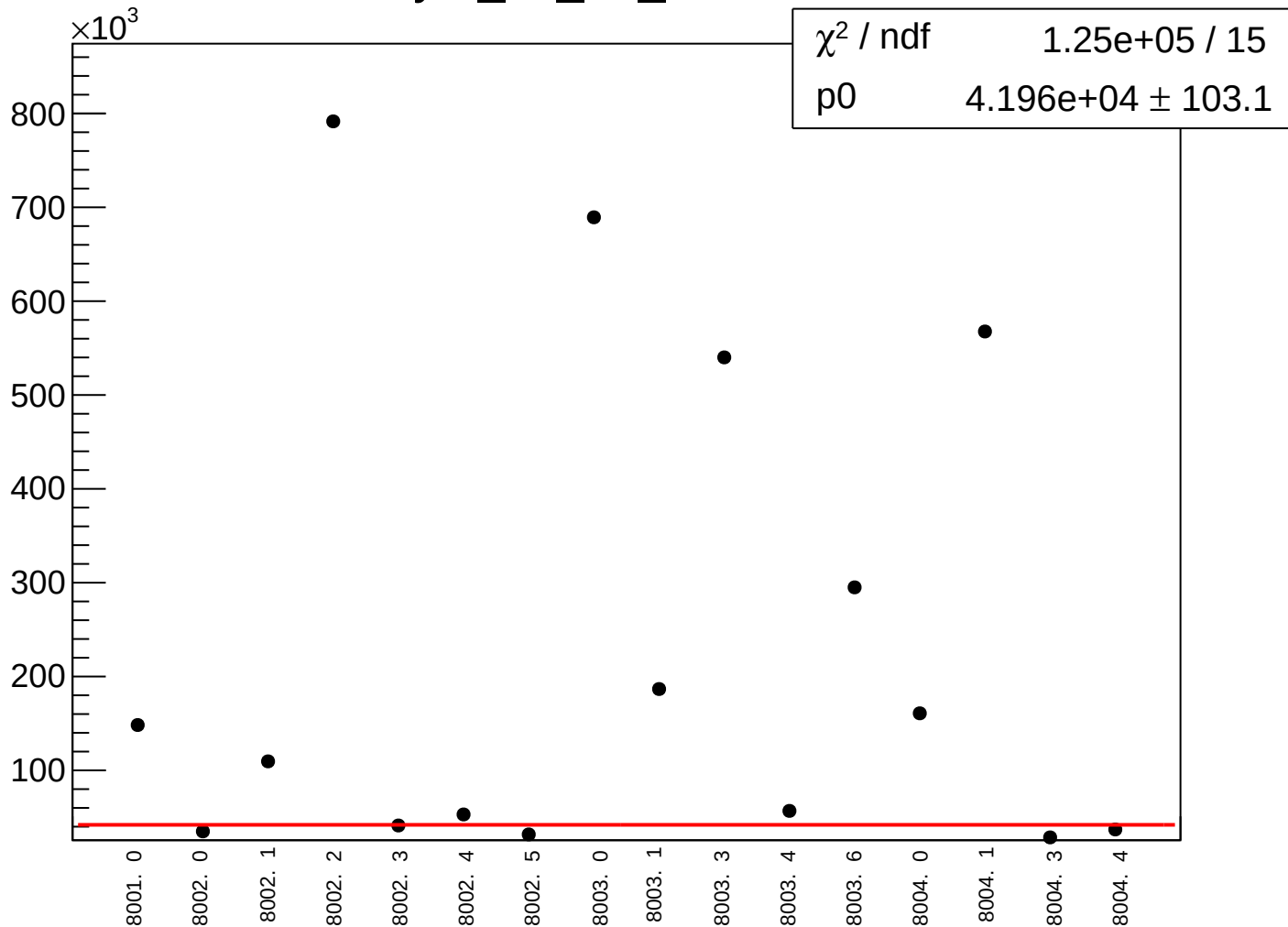
## asym\_ds\_dd\_correction\_rms vs run



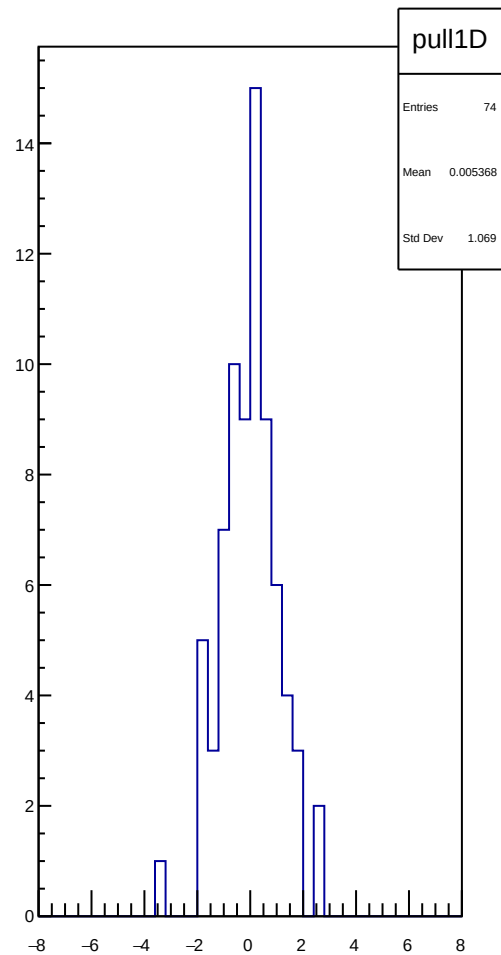
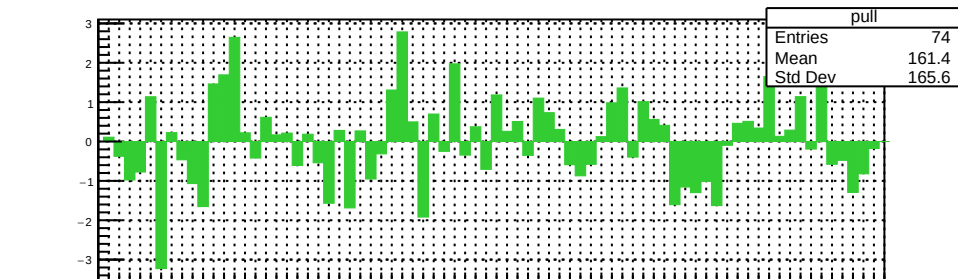
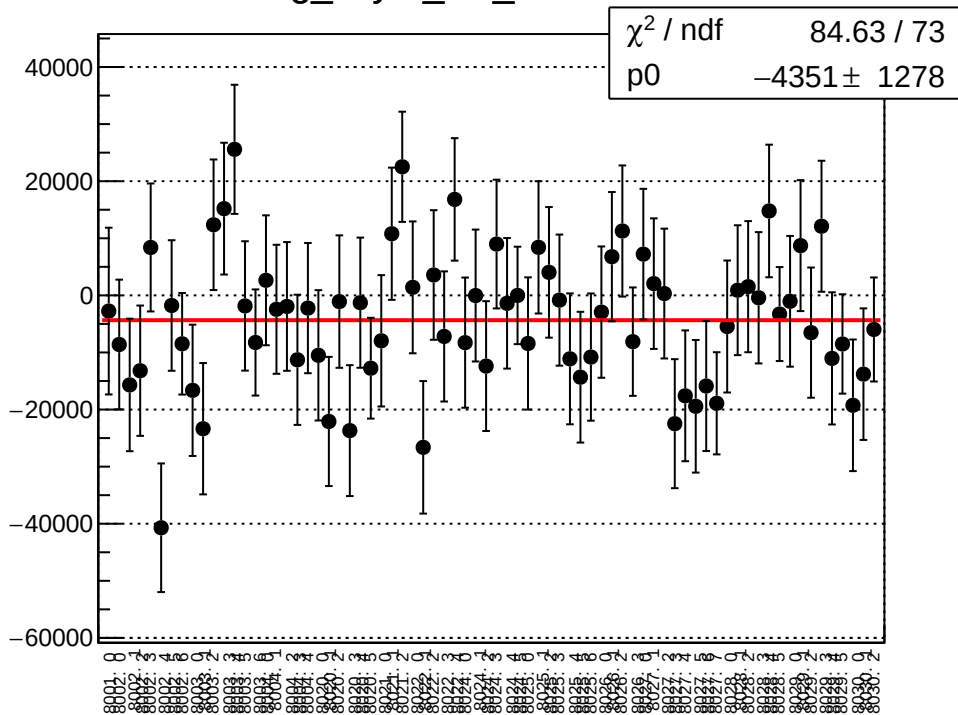
# asym\_ds\_dd\_mean vs run



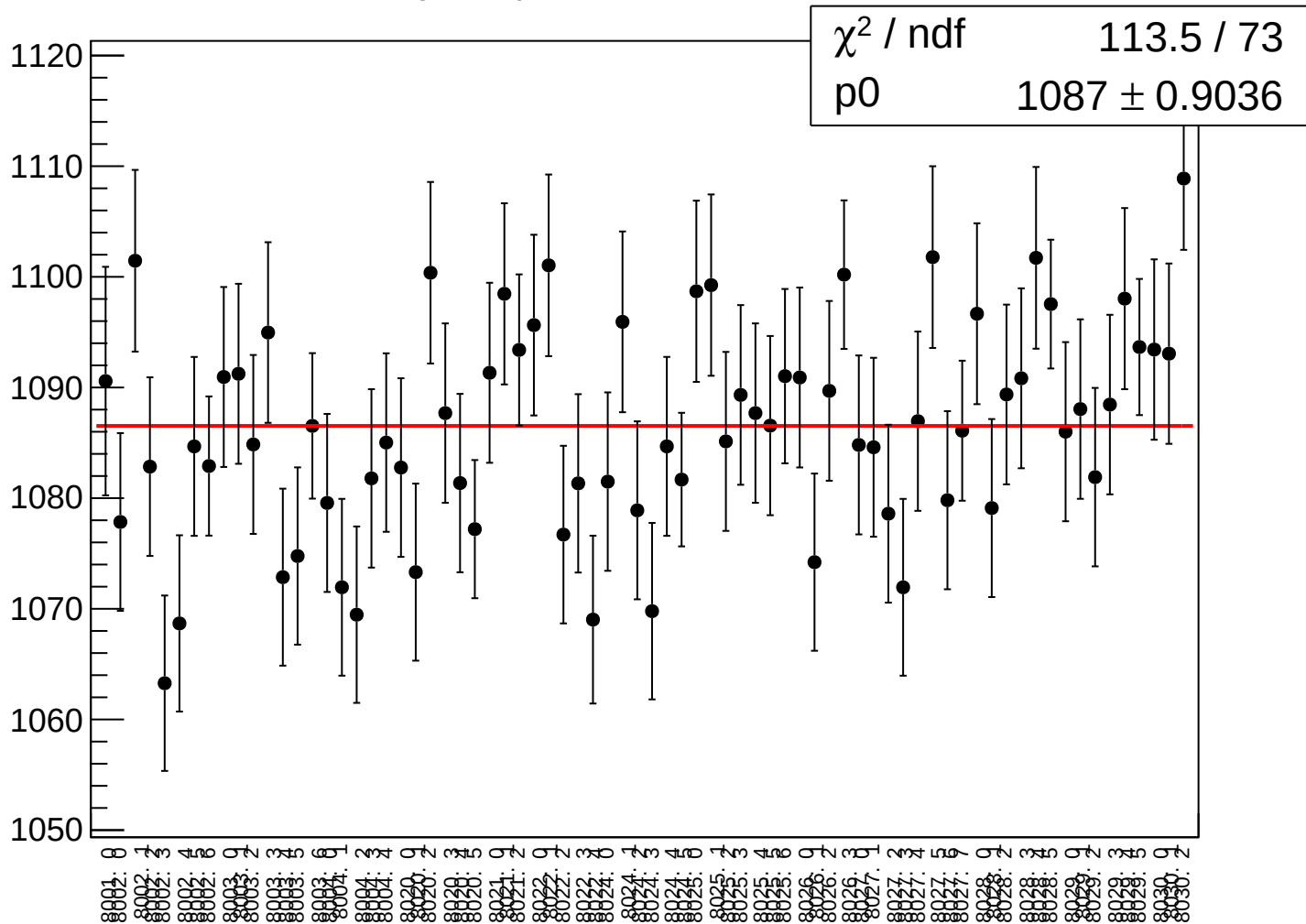
# asym\_ds\_dd\_rms vs run



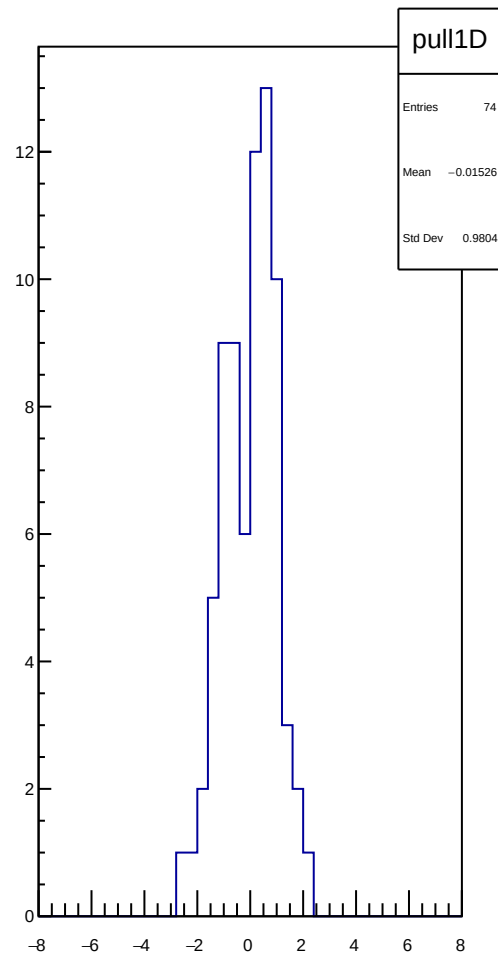
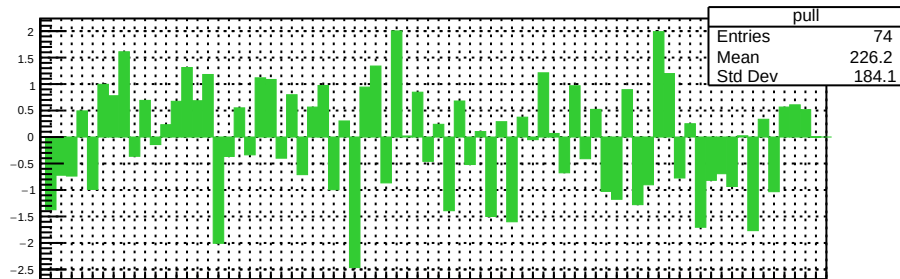
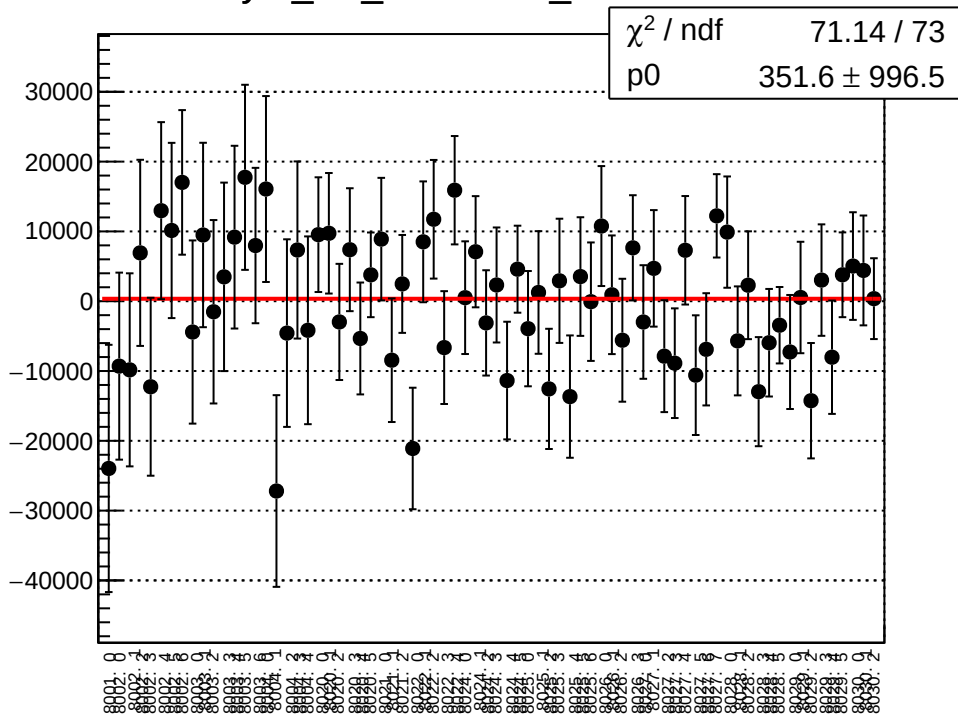
# reg\_asym\_usl\_mean vs run



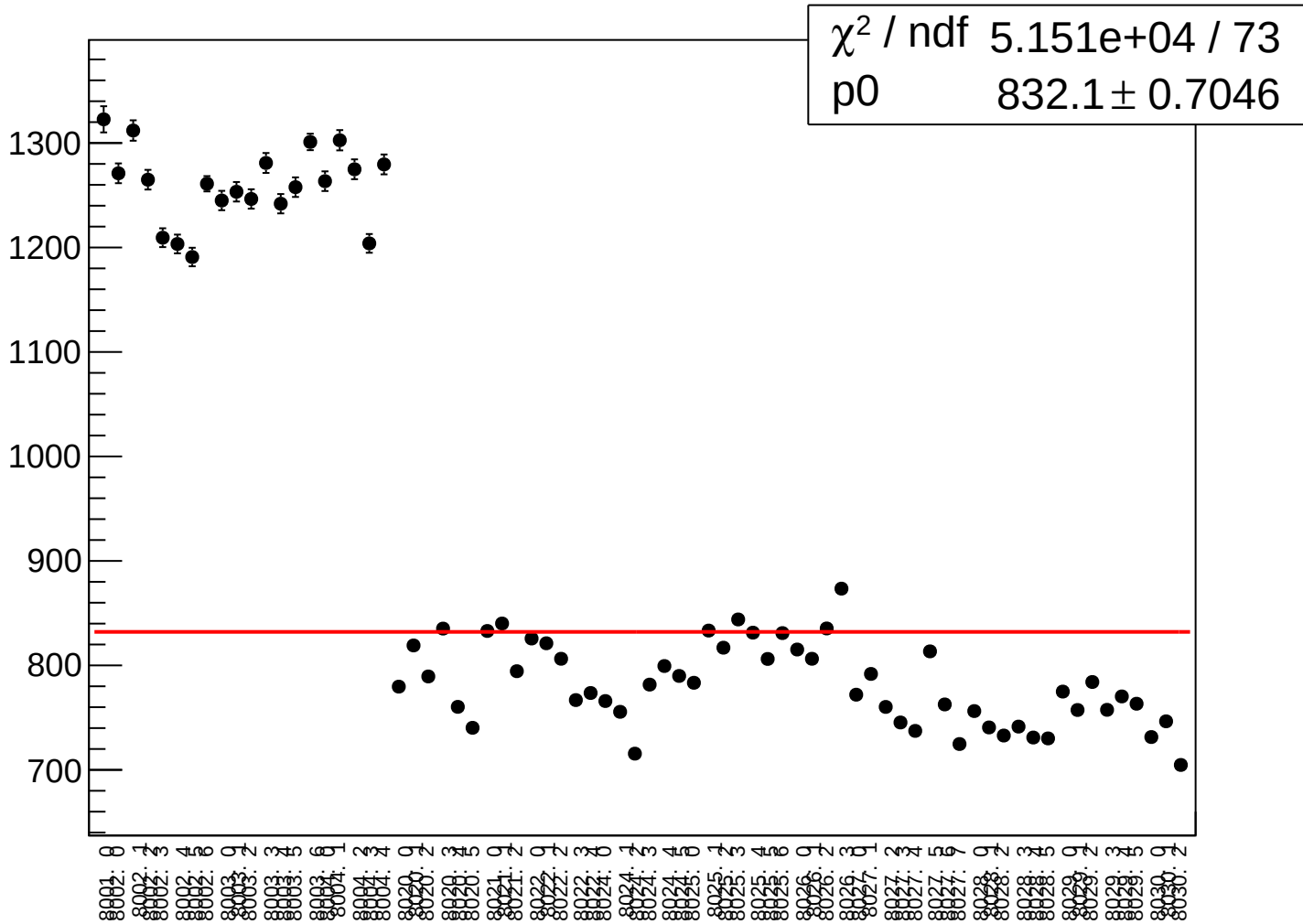
# reg\_asym\_usl\_rms vs run



# asym\_usl\_correction\_mean vs run

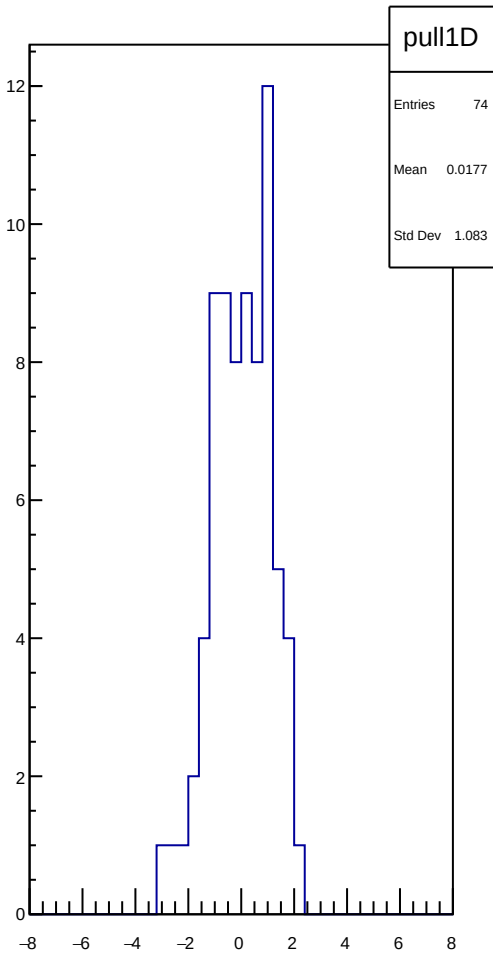
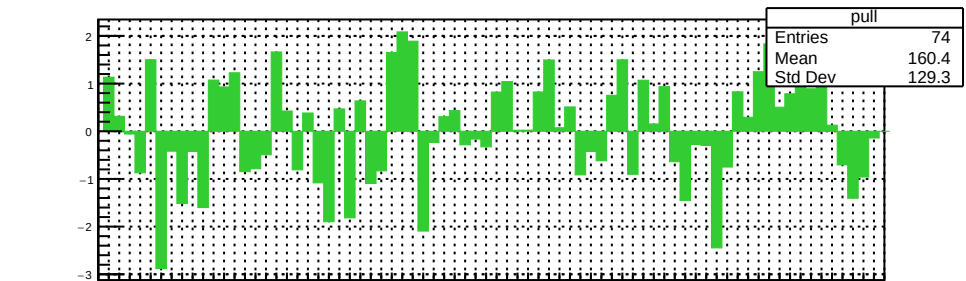
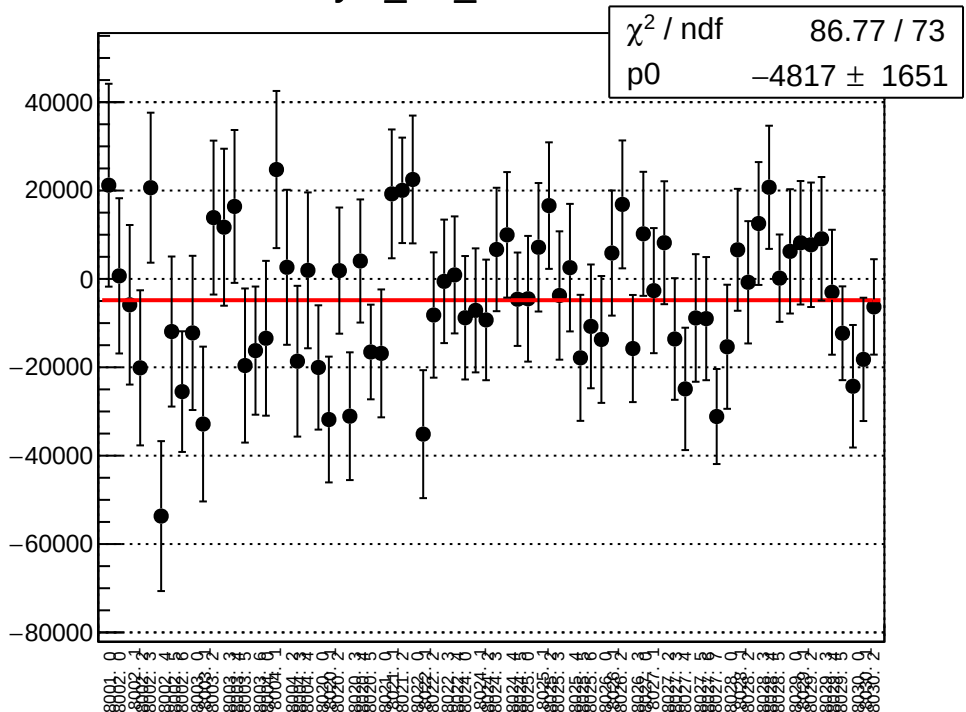


# asym\_usl\_correction\_rms vs run

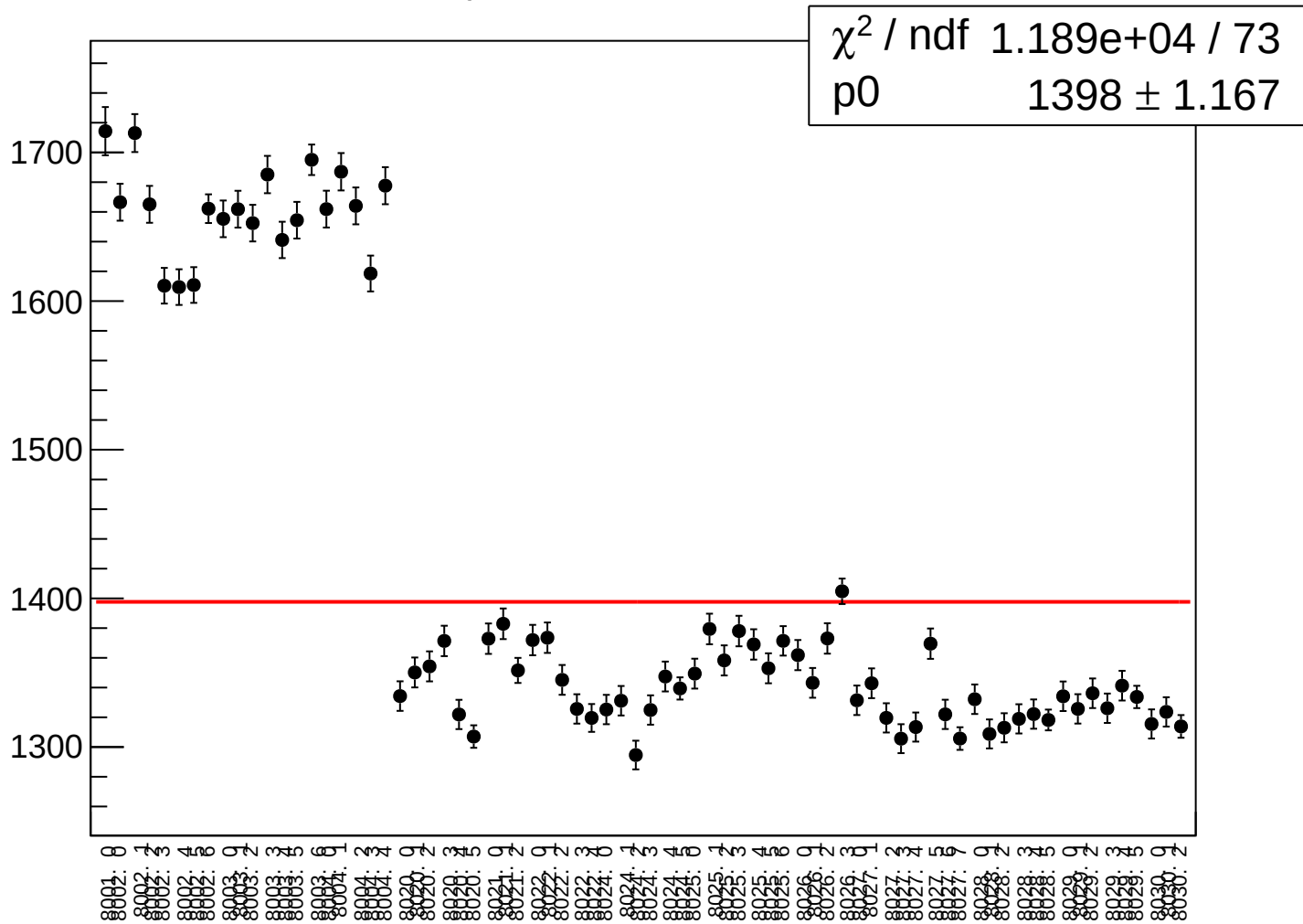




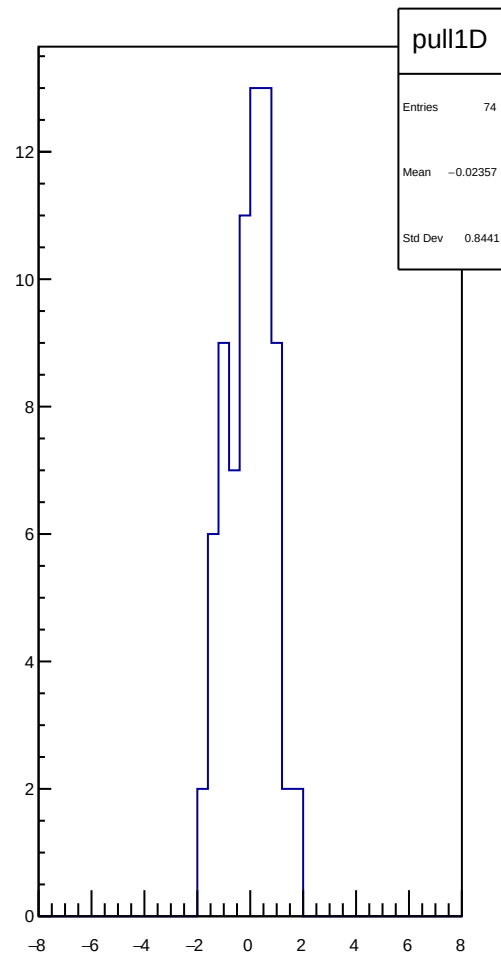
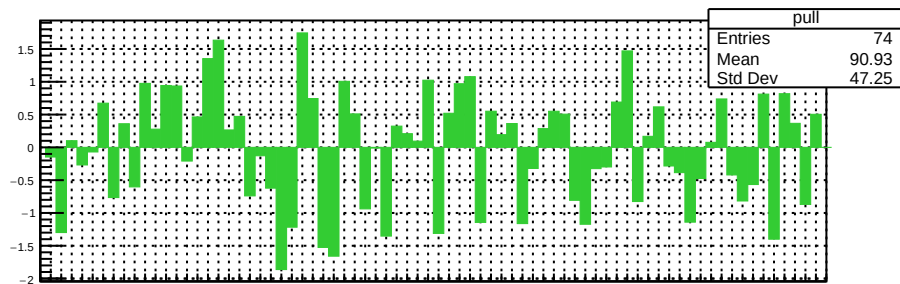
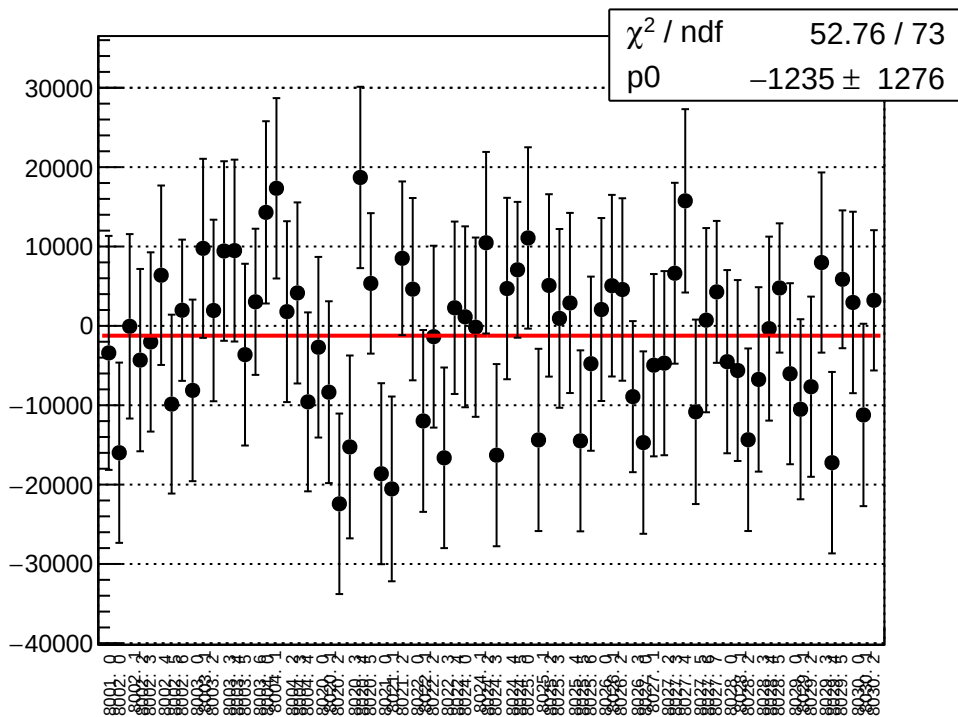
asym\_usl\_mean vs run



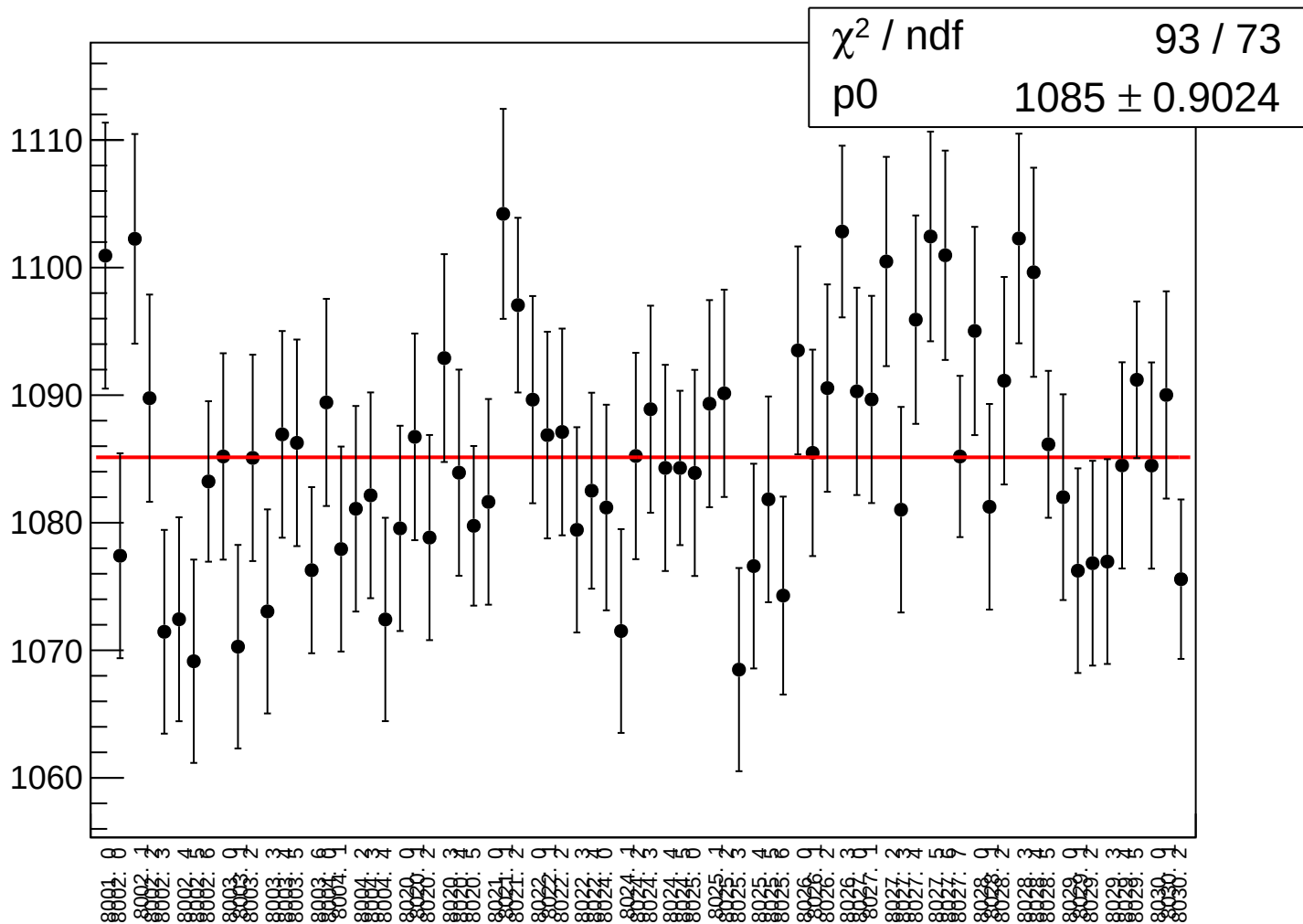
# asym\_usl\_rms vs run



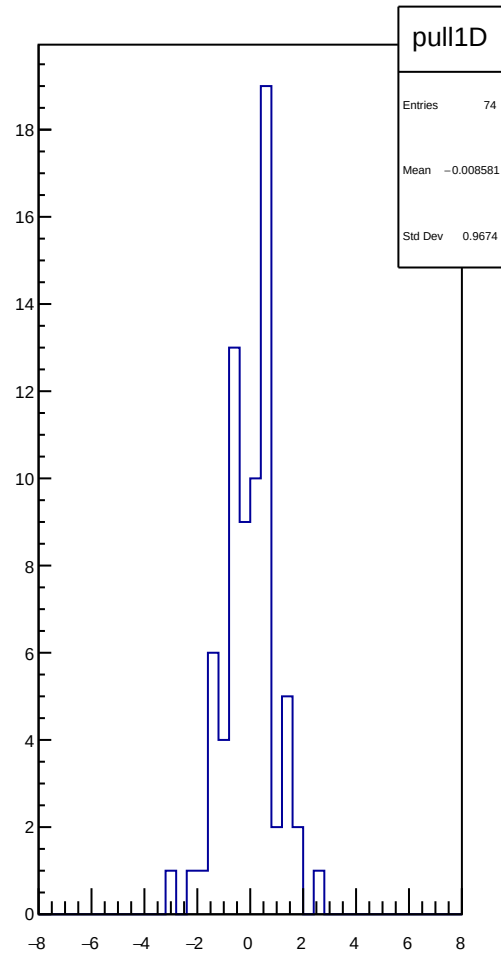
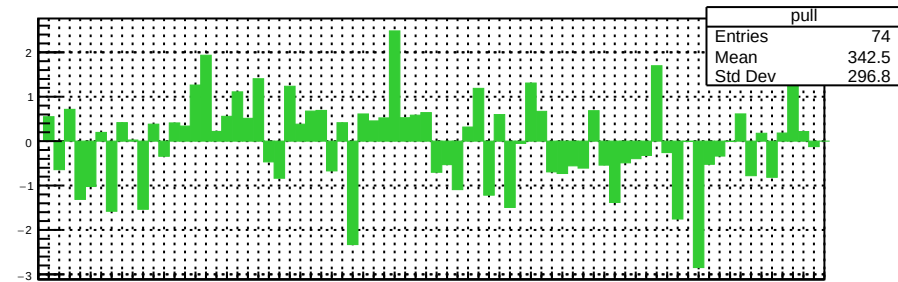
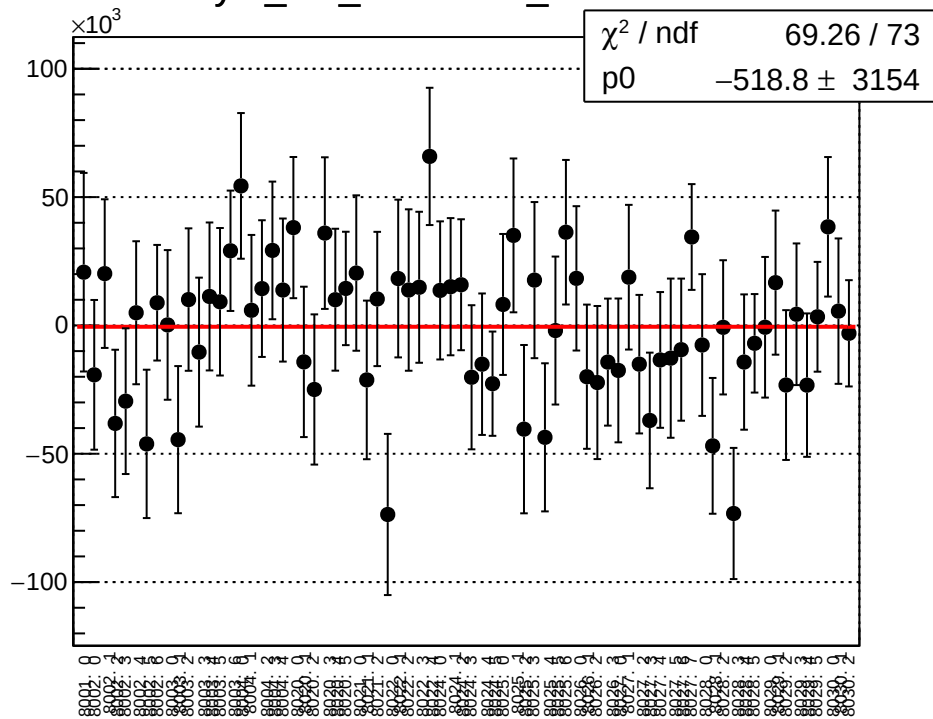
reg\_asym\_usr\_mean vs run



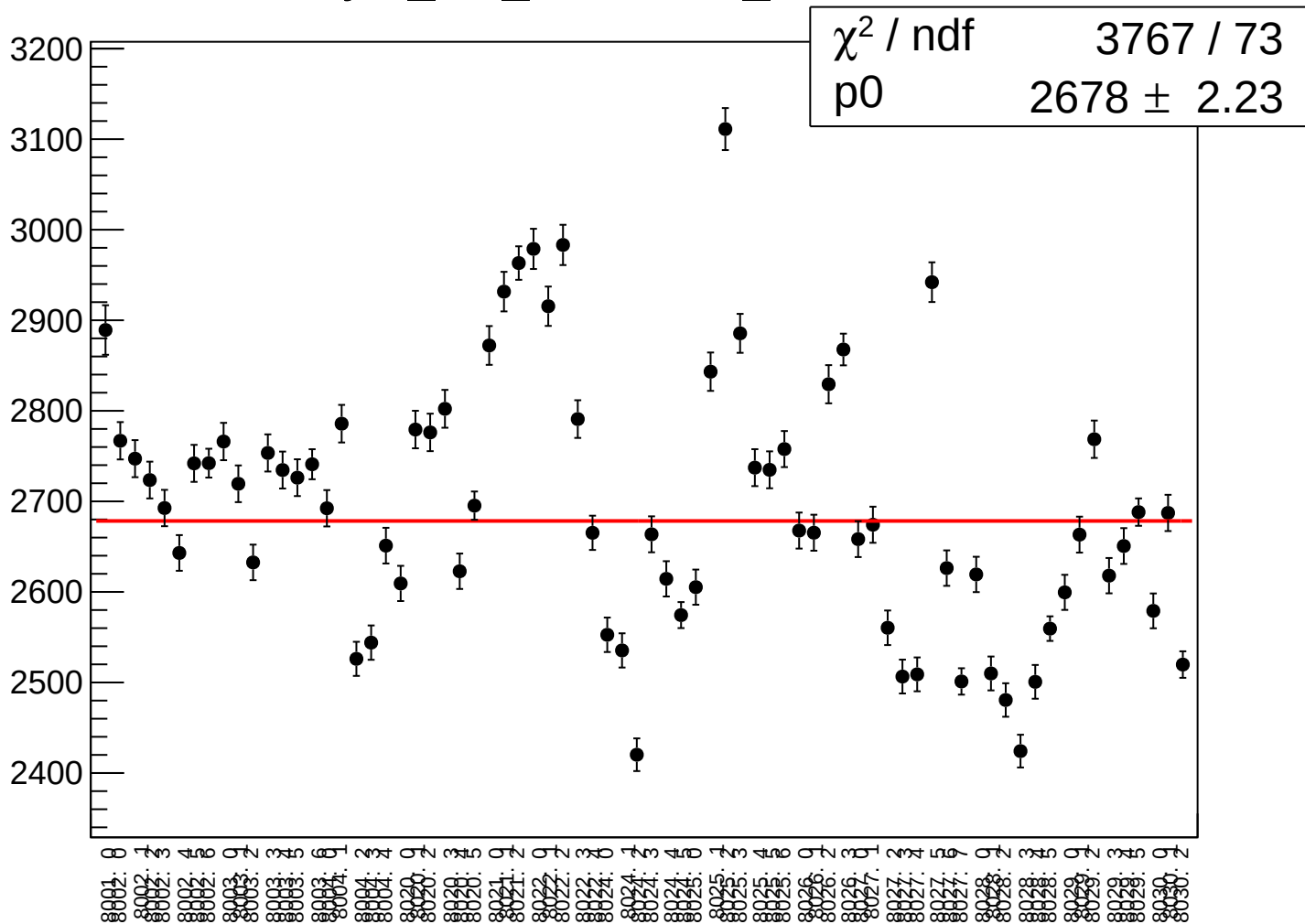
# reg\_asym\_usr\_rms vs run



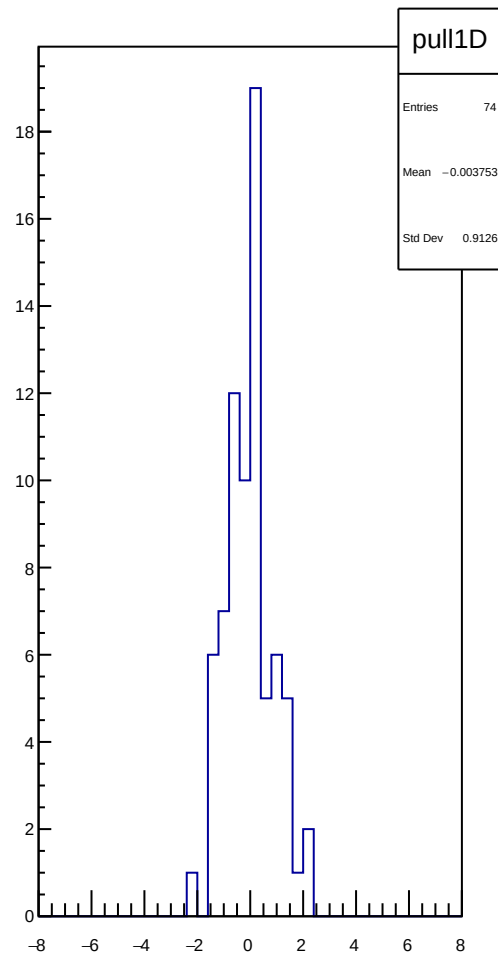
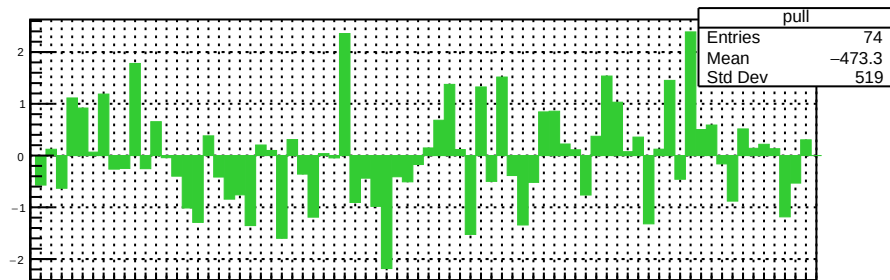
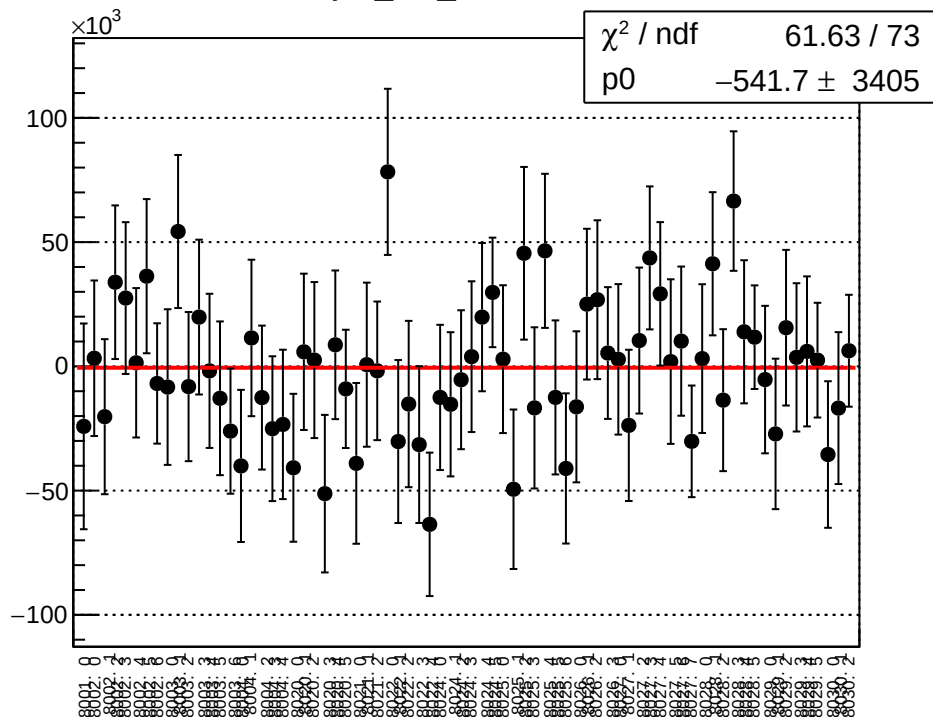
asym\_usr\_correction\_mean vs run



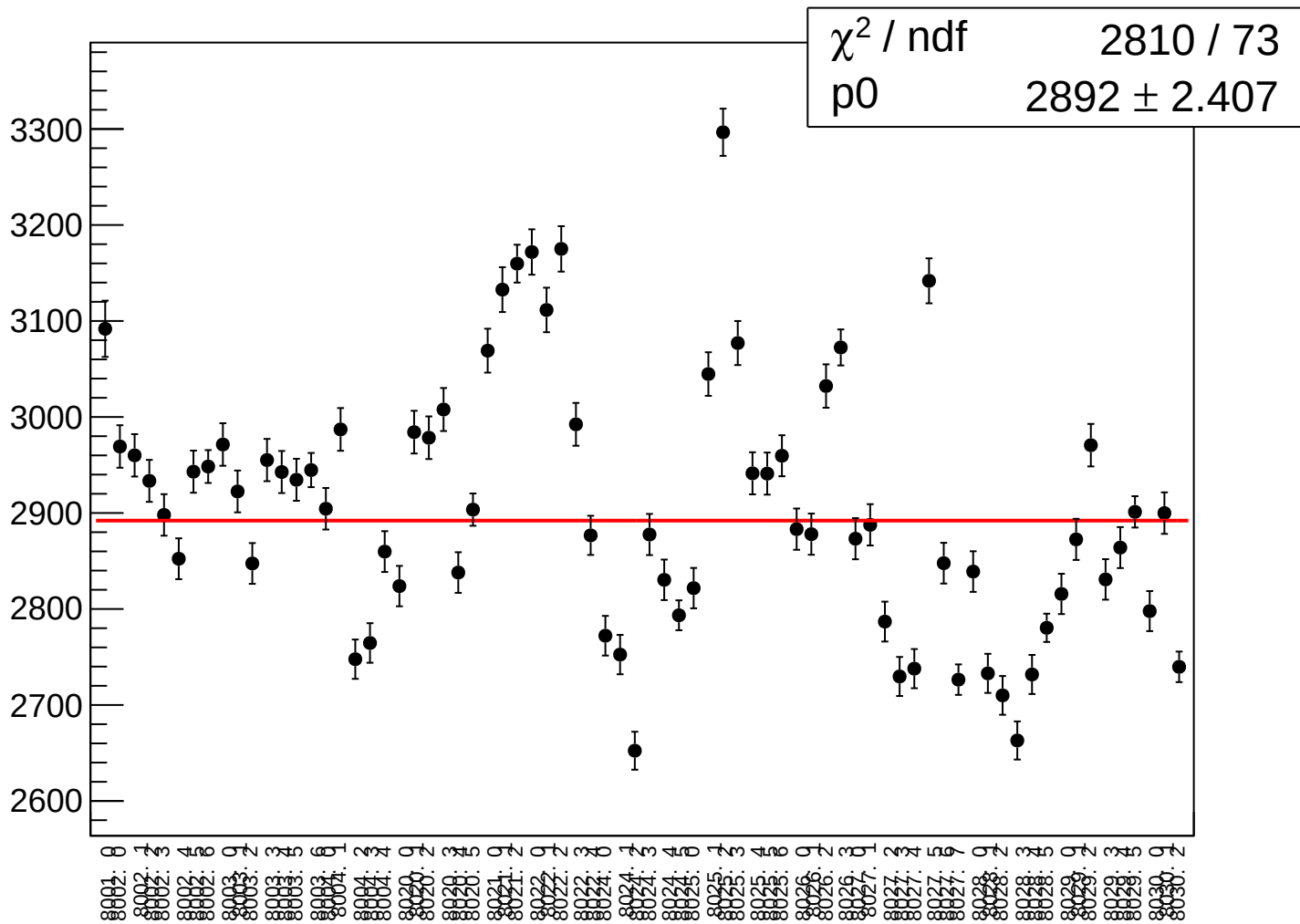
# asym\_usr\_correction\_rms vs run



asym\_usr\_mean vs run

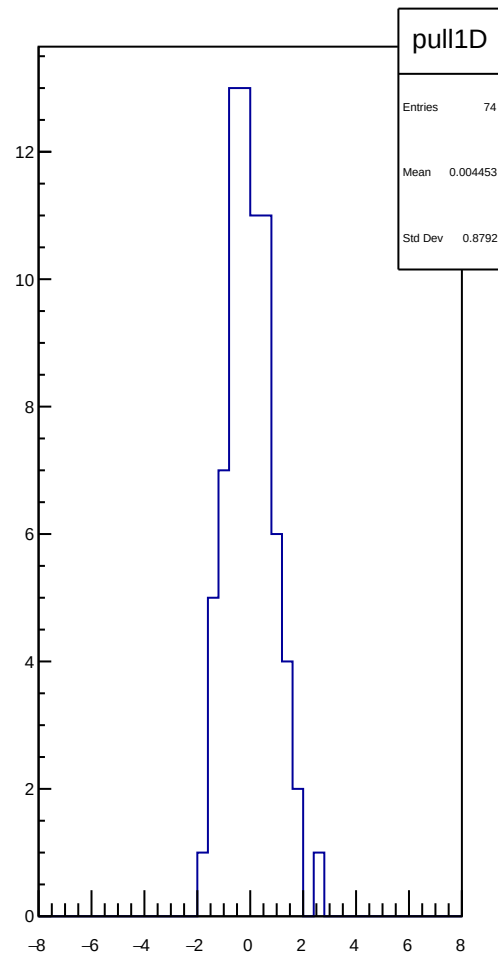
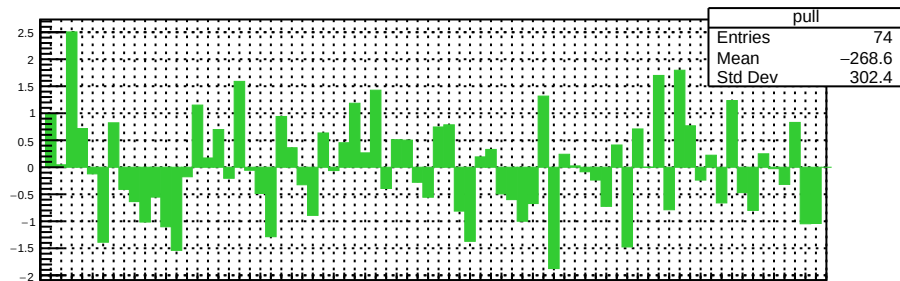
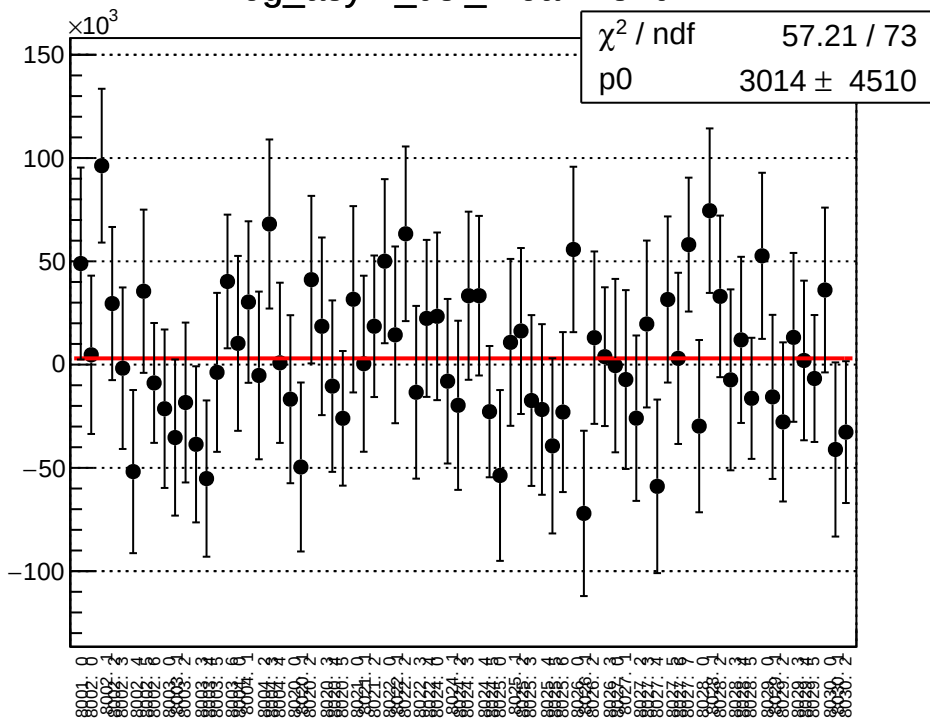


asym\_usr\_rms vs run

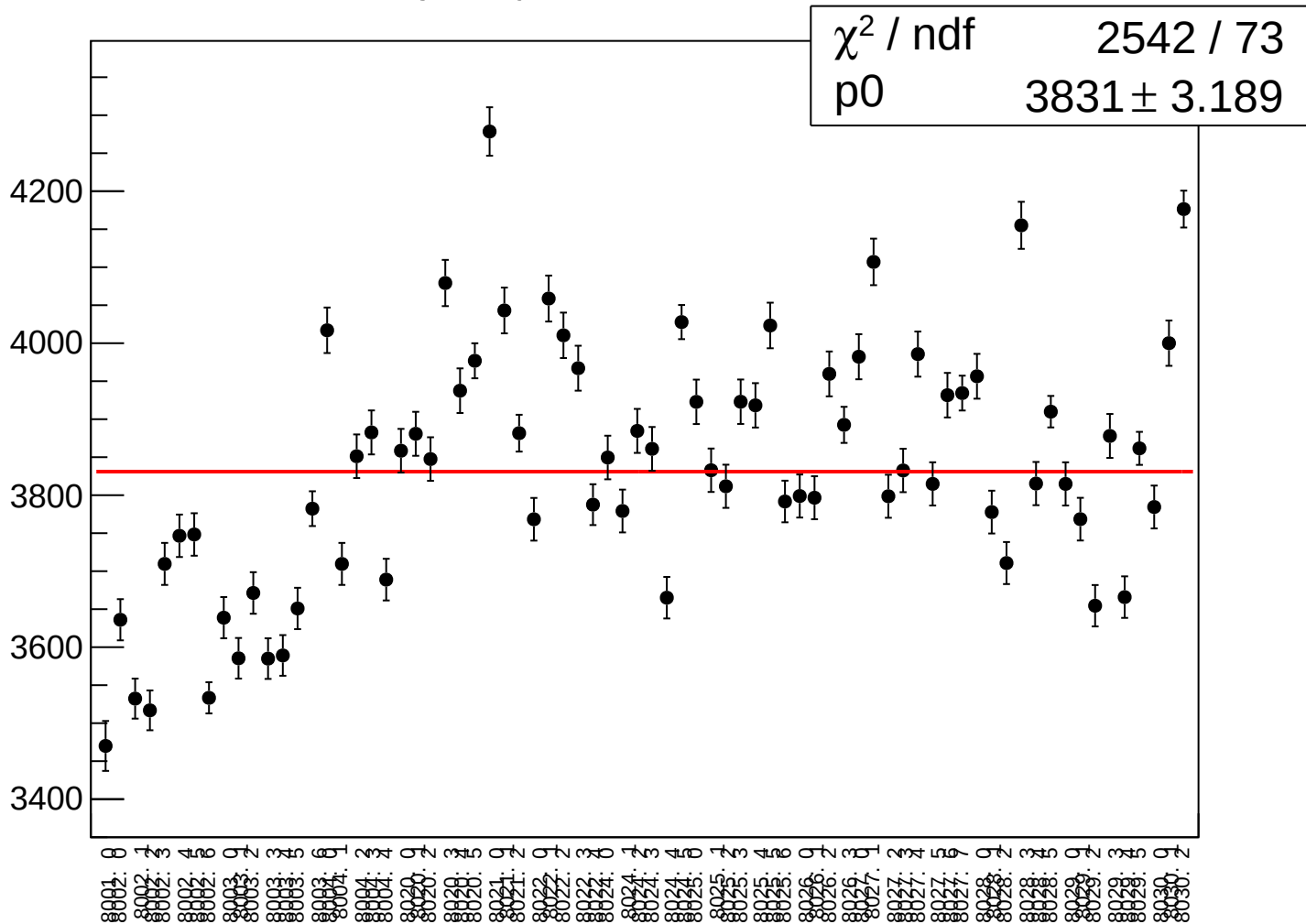




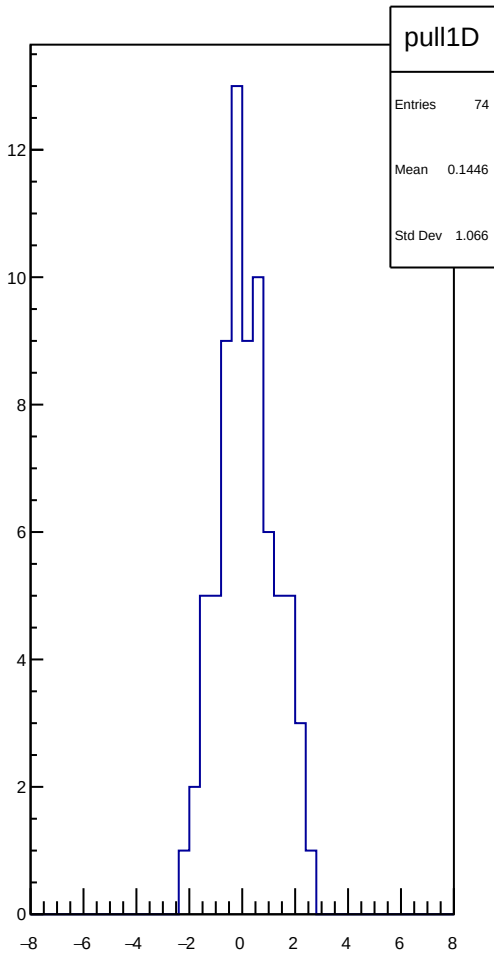
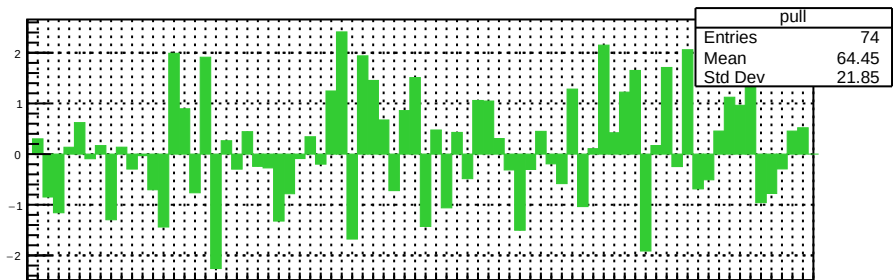
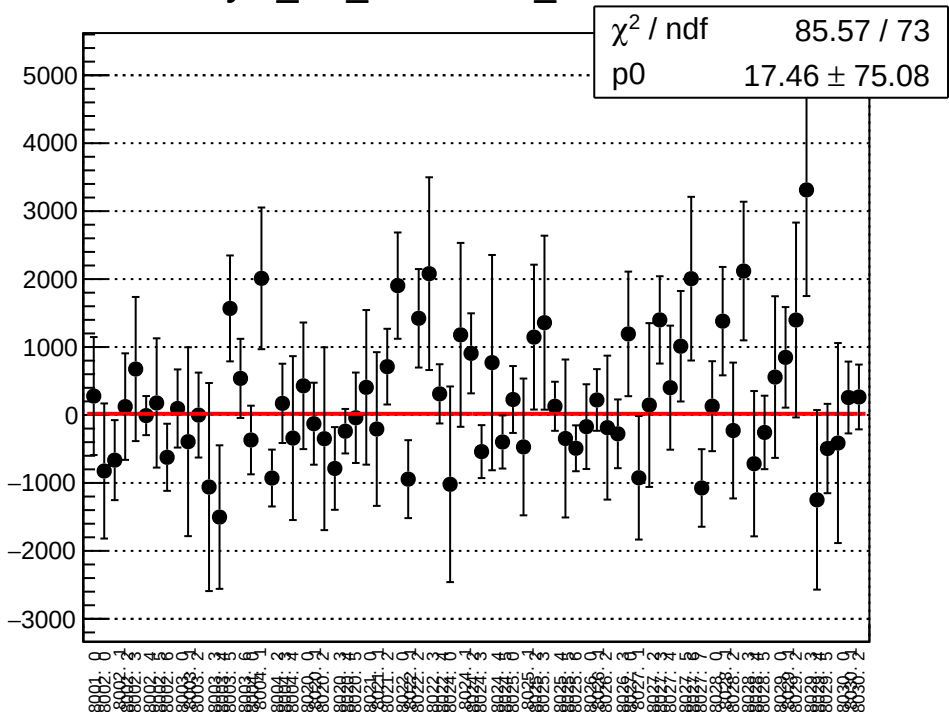
# reg\_asym\_dsl\_mean vs run



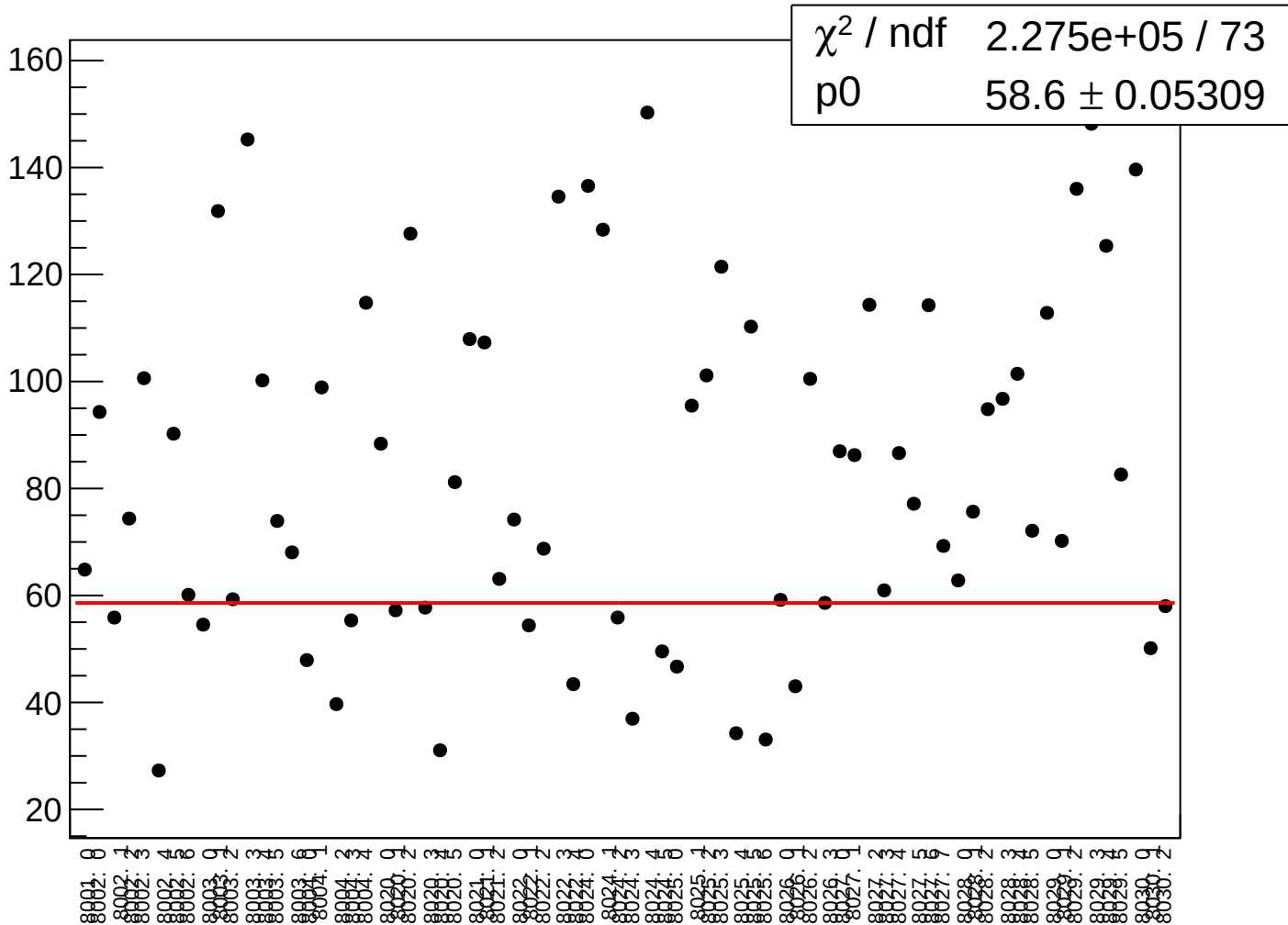
# reg\_asym\_dsl\_rms vs run



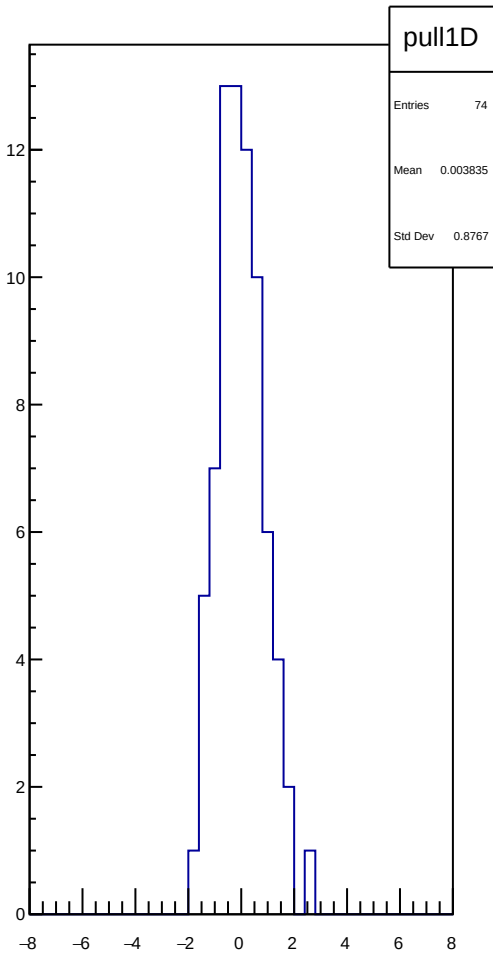
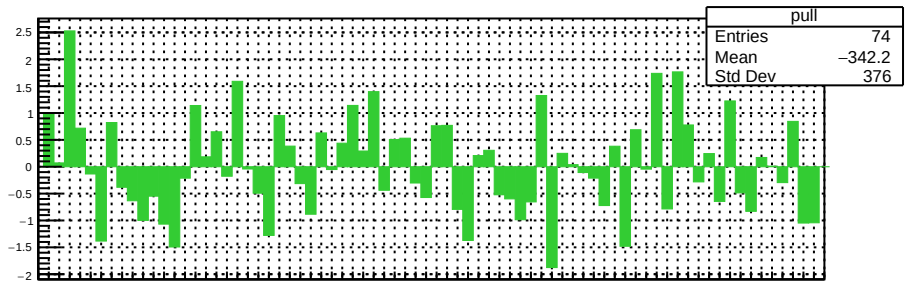
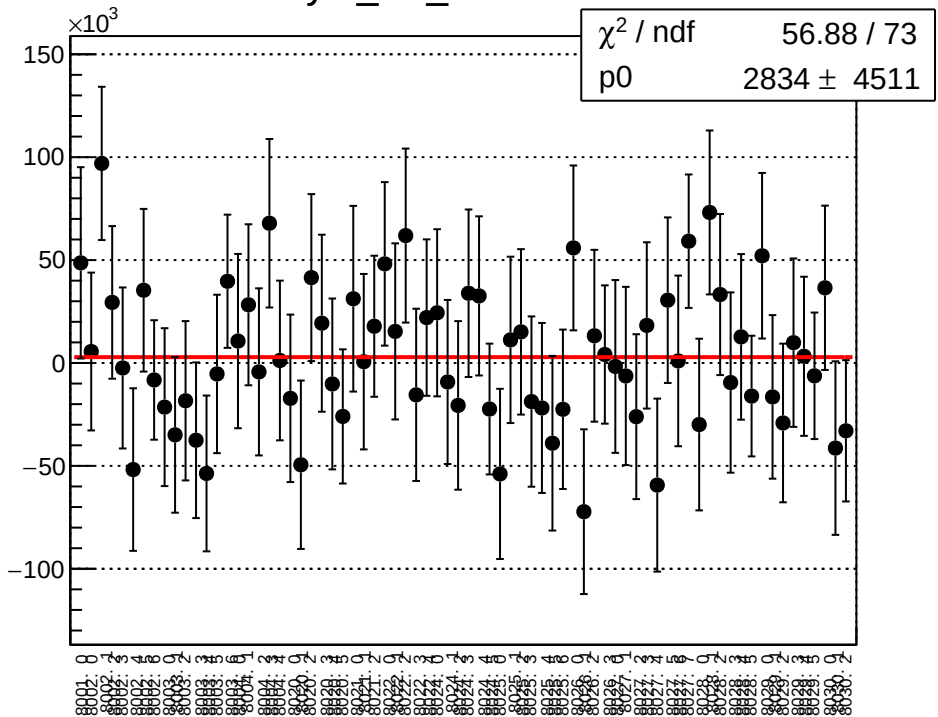
asym\_dsl\_correction\_mean vs run



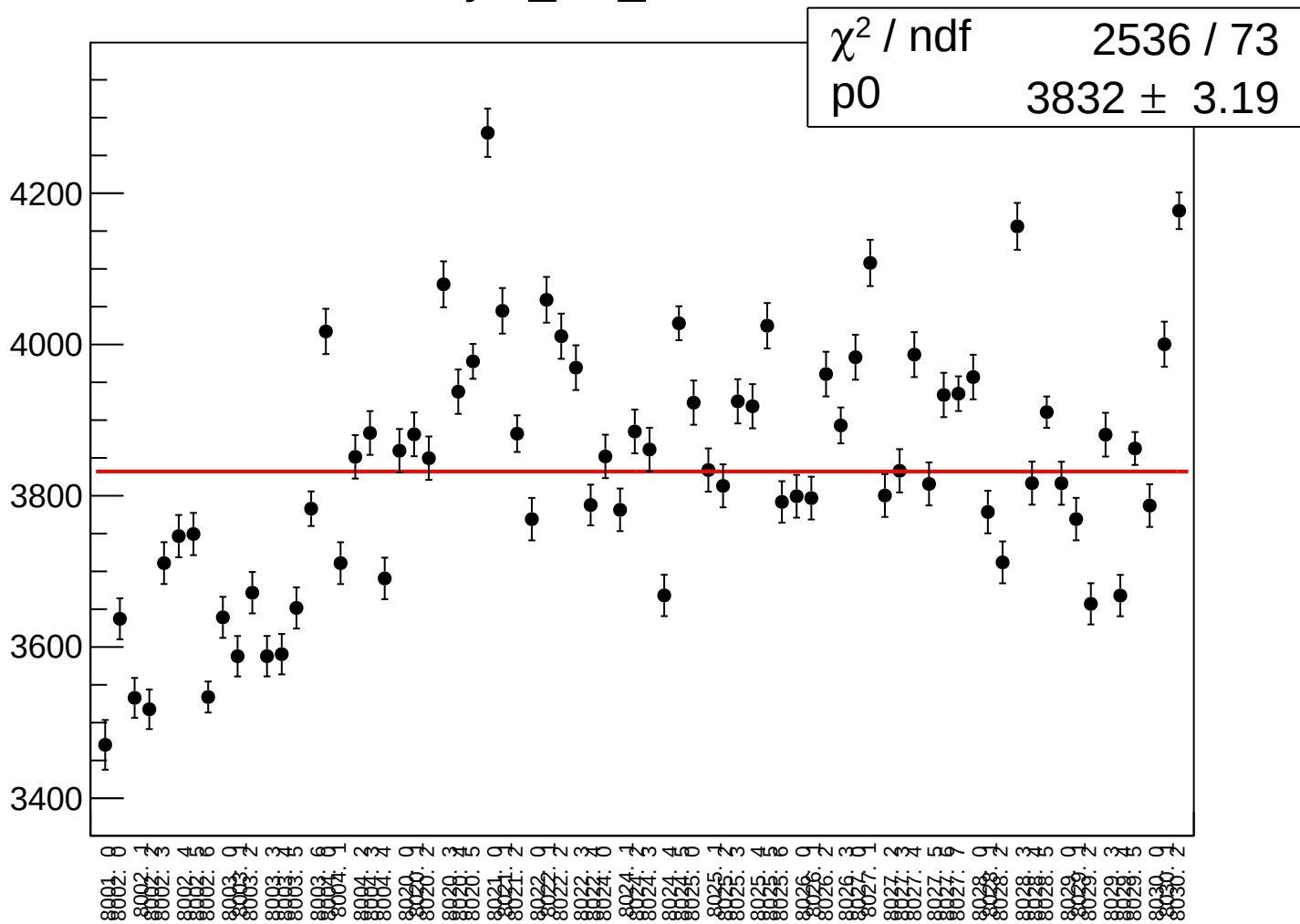
# asym\_dsl\_correction\_rms vs run



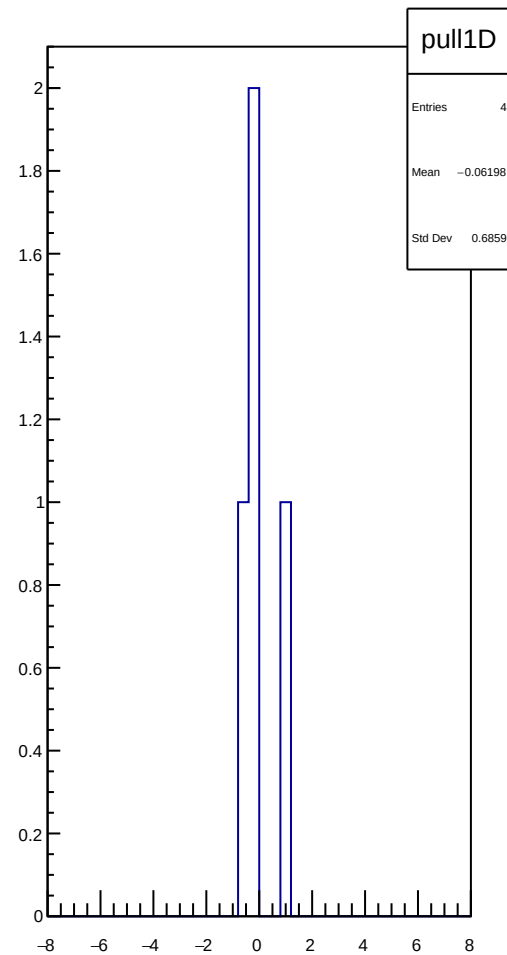
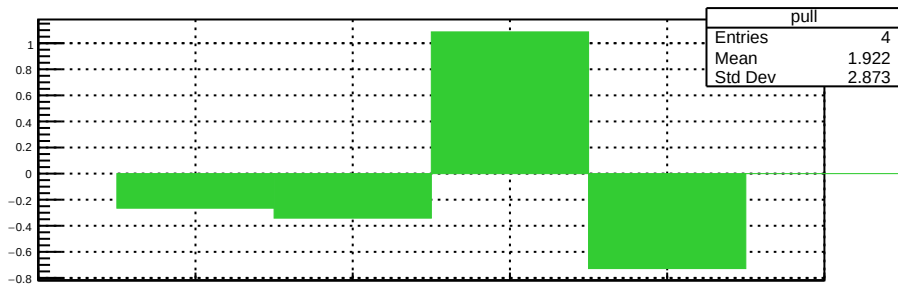
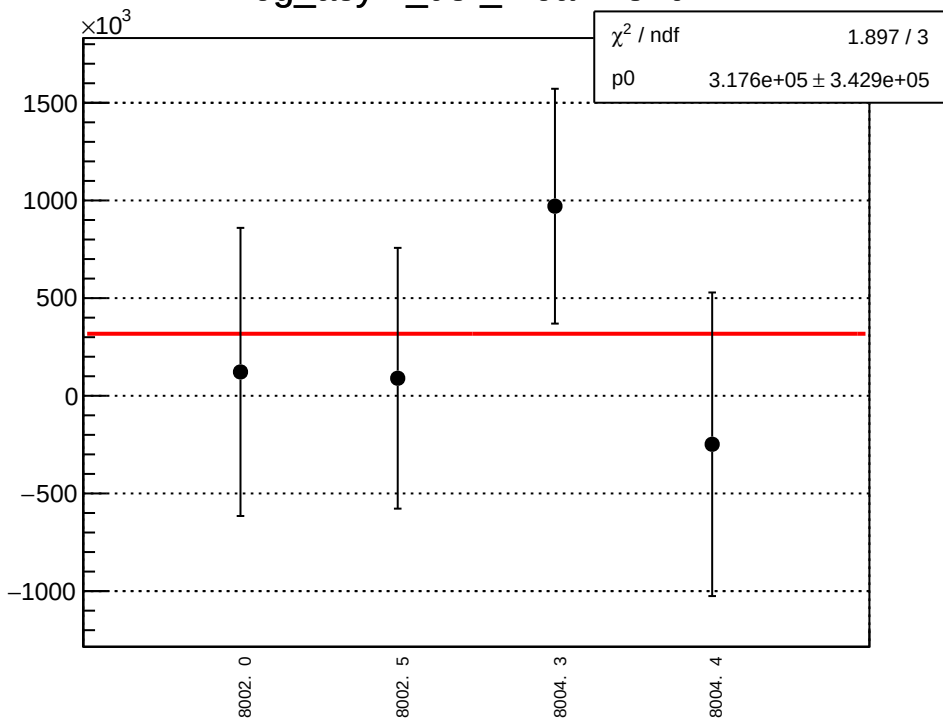
asym\_dsl\_mean vs run



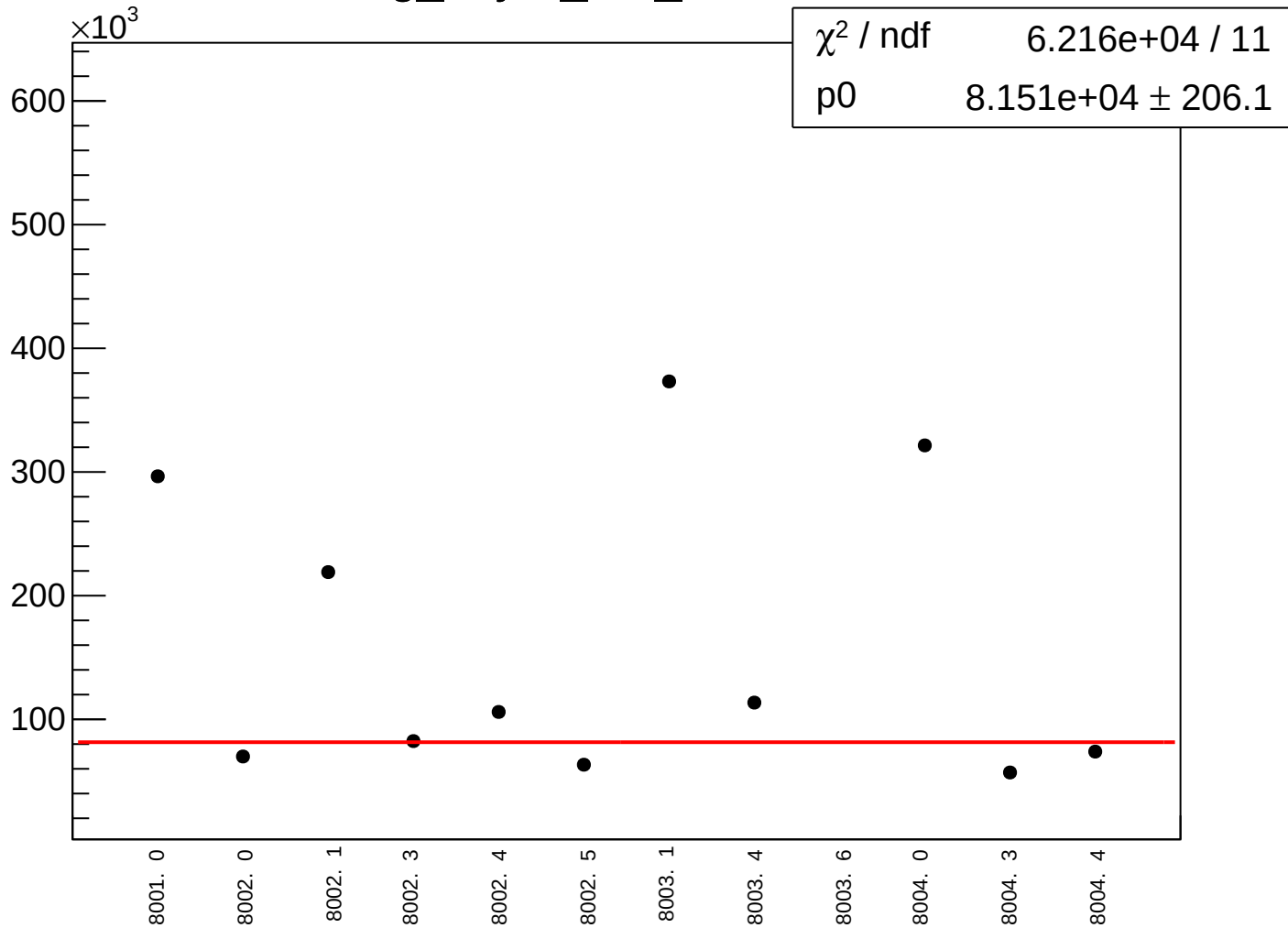
# asym\_dsl\_rms vs run



# reg\_asym\_dsr\_mean vs run

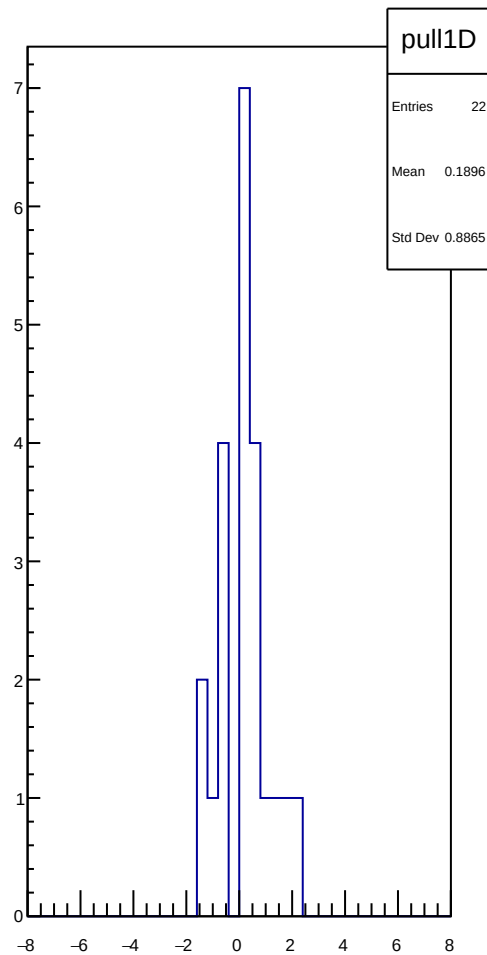
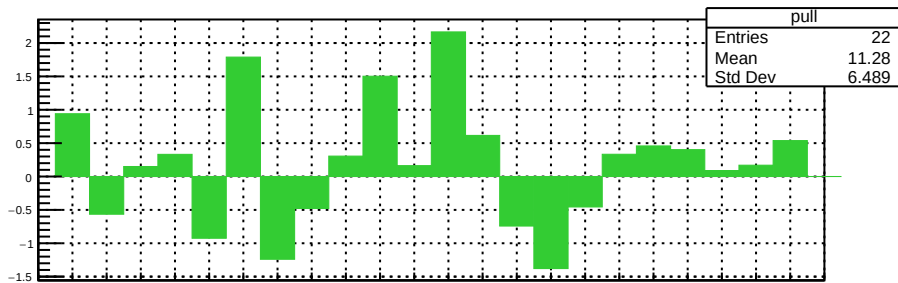
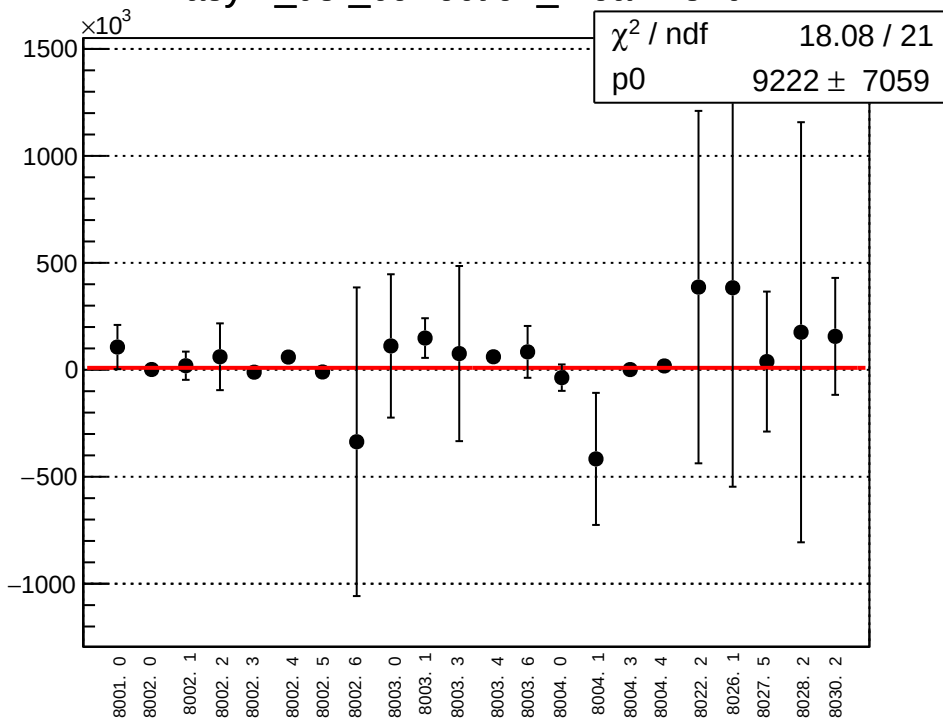


# reg\_asym\_dsr\_rms vs run

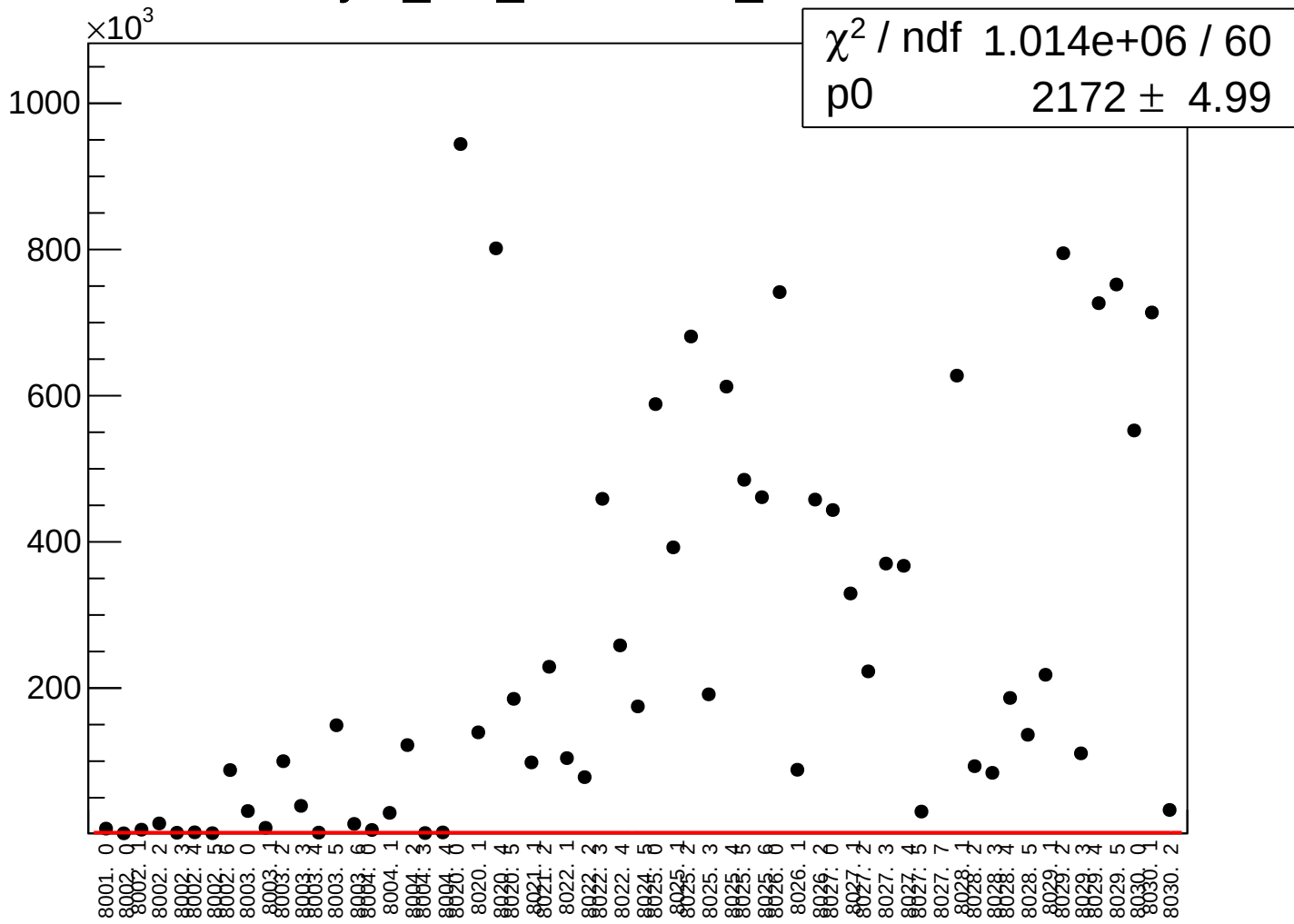




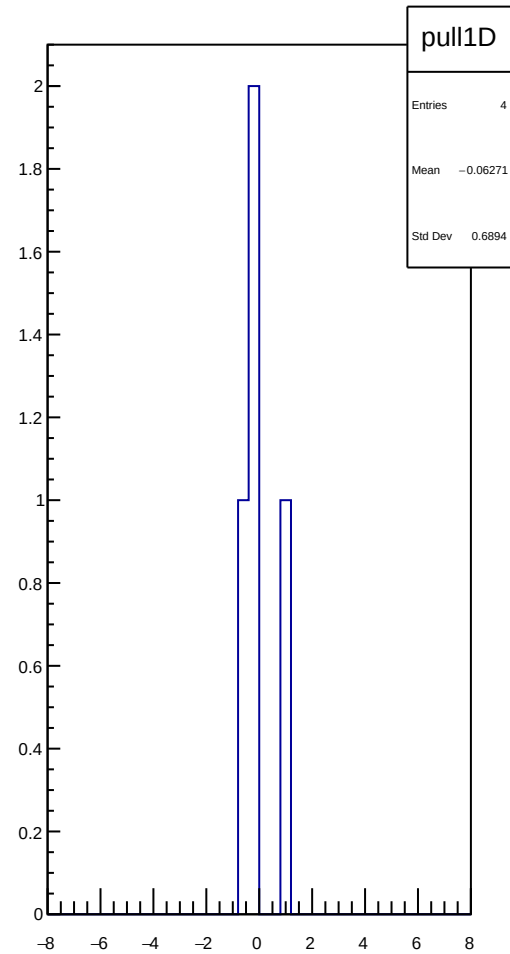
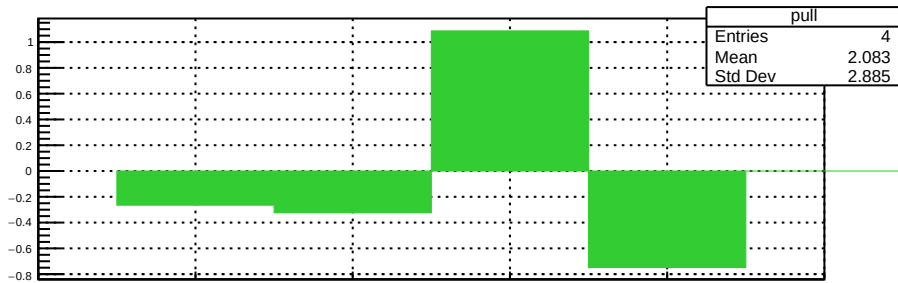
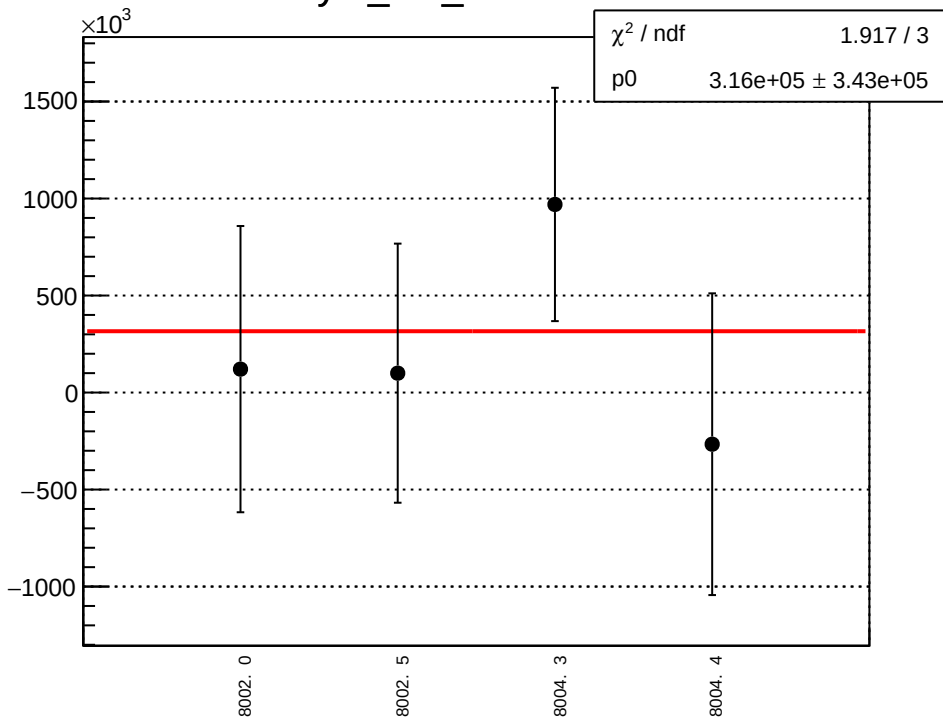
# asym\_dsr\_correction\_mean vs run



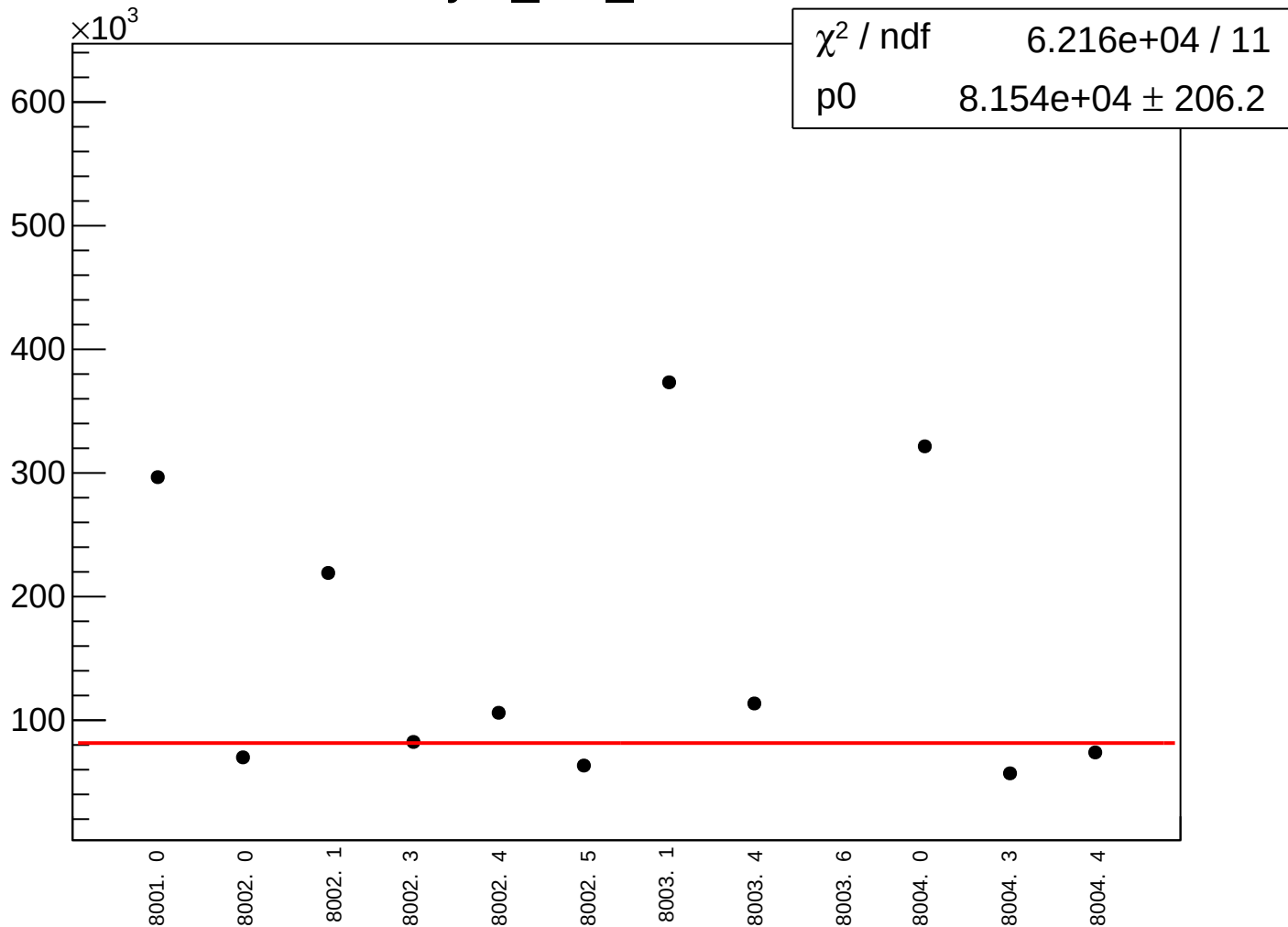
# asym\_dsr\_correction\_rms vs run



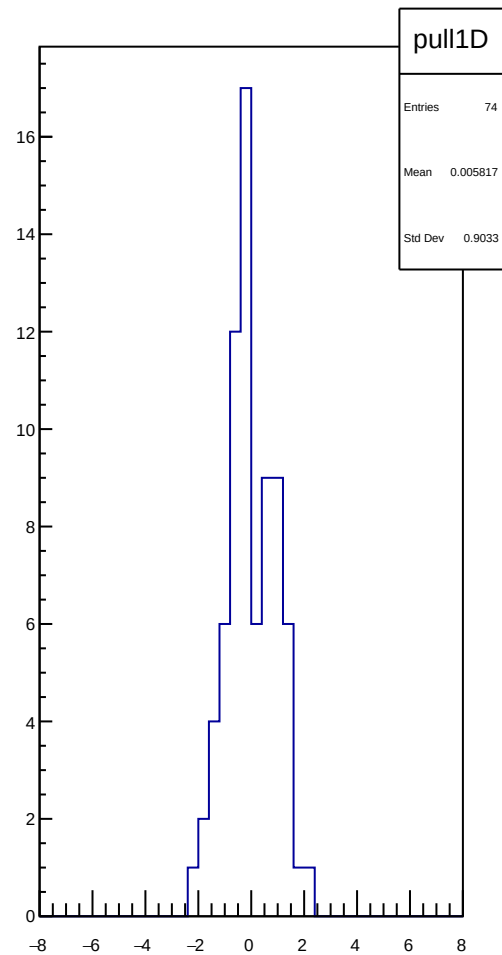
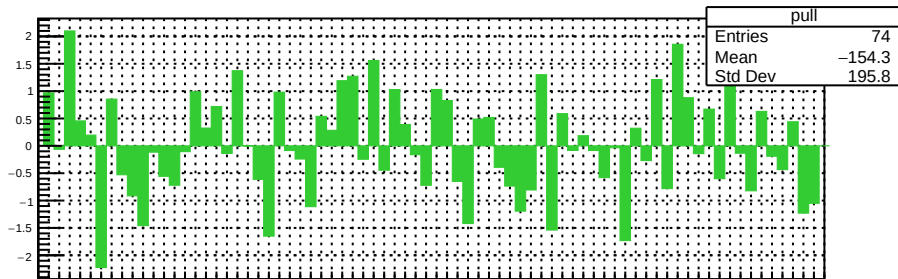
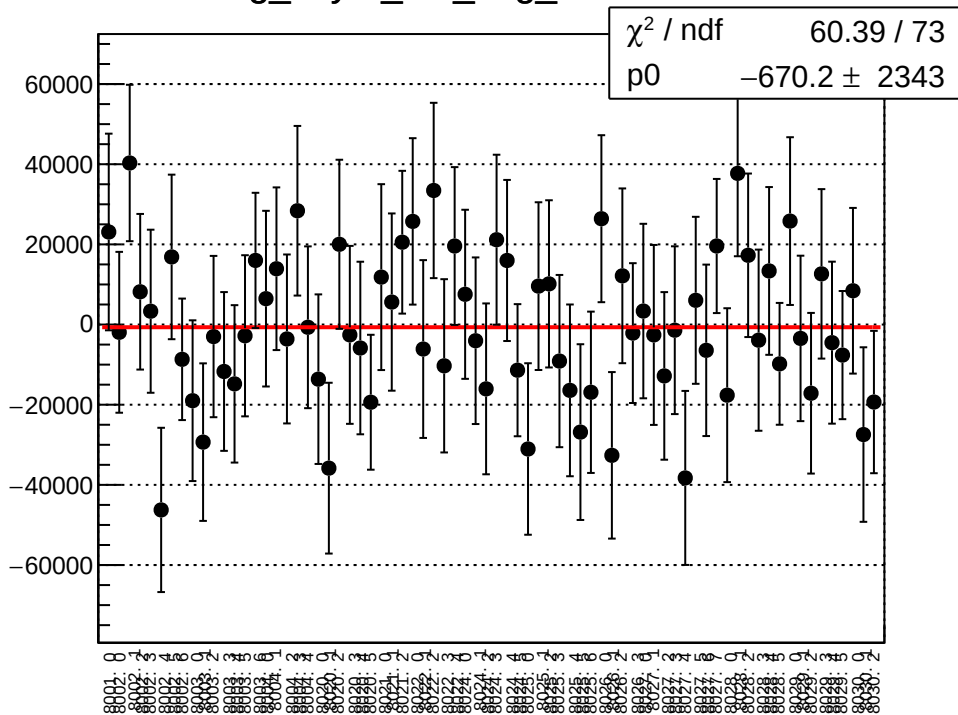
# asym\_dsr\_mean vs run



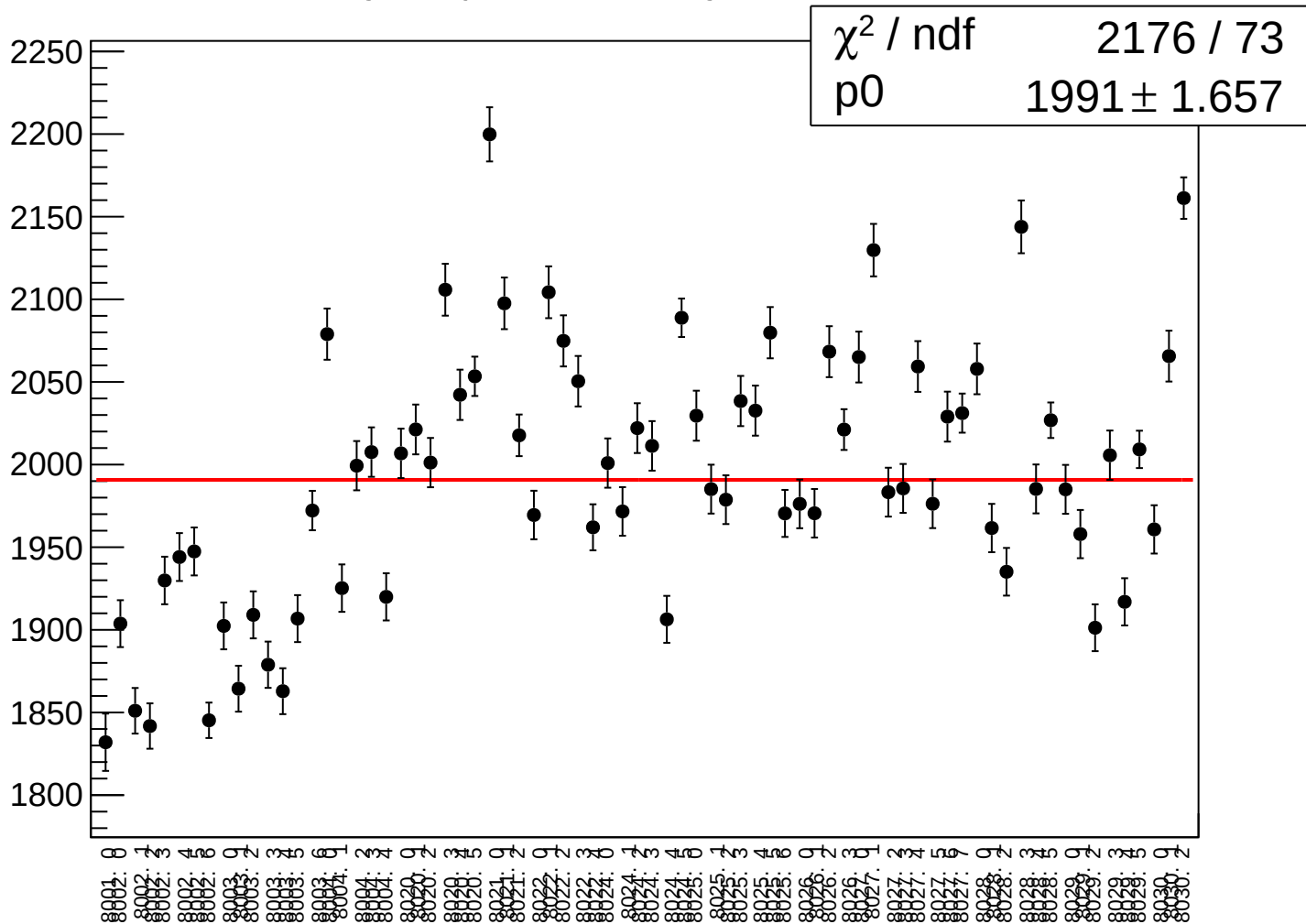
# asym\_dsr\_rms vs run



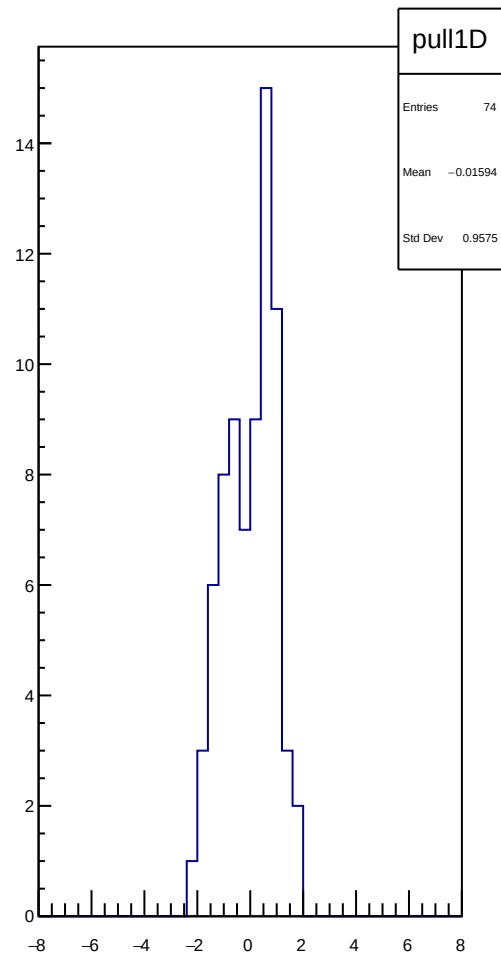
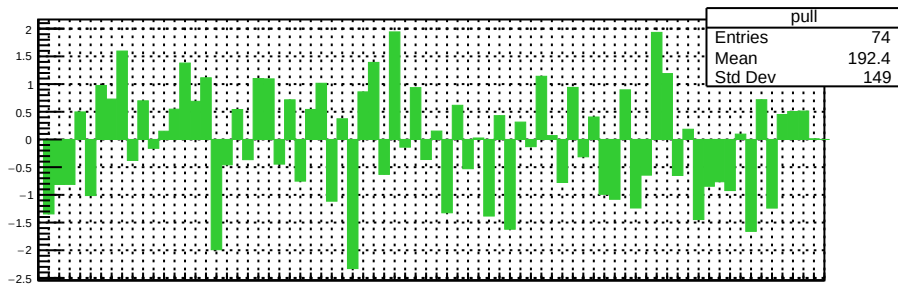
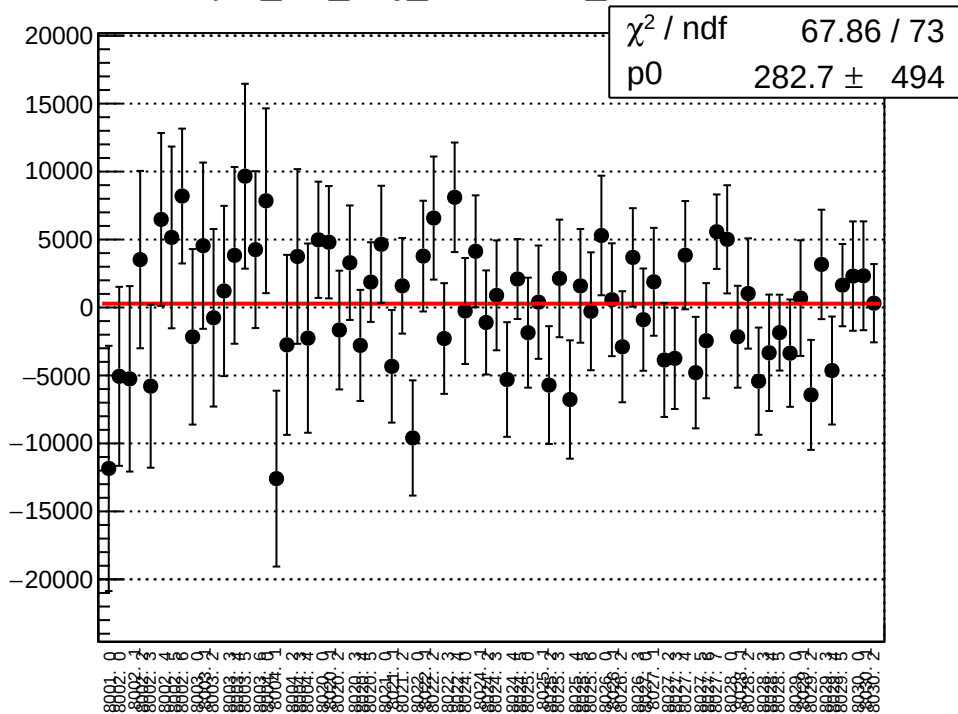
reg\_asym\_left\_avg\_mean vs run



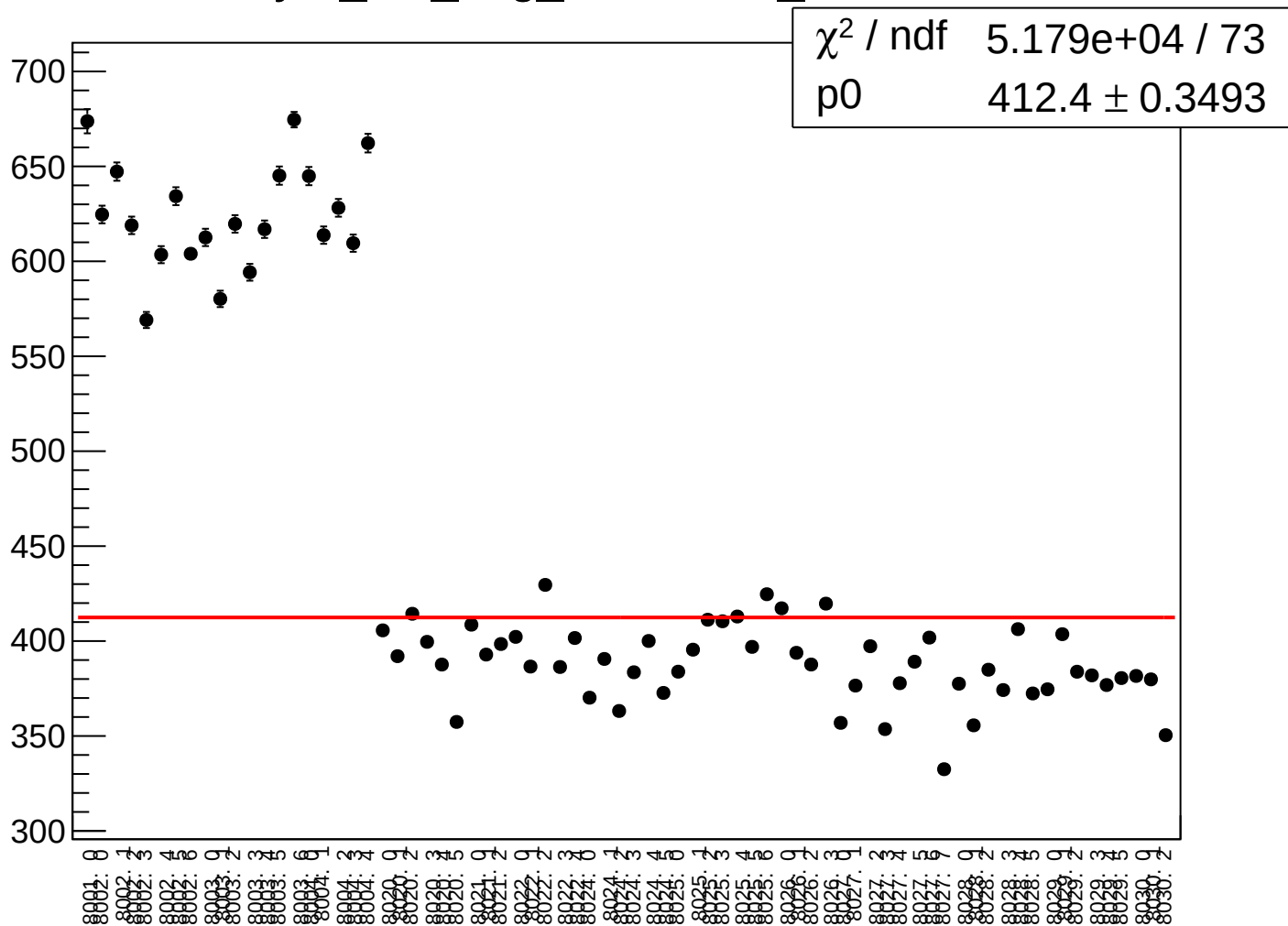
# reg\_asym\_left\_avg\_rms vs run



asym\_left\_avg\_correction\_mean vs run

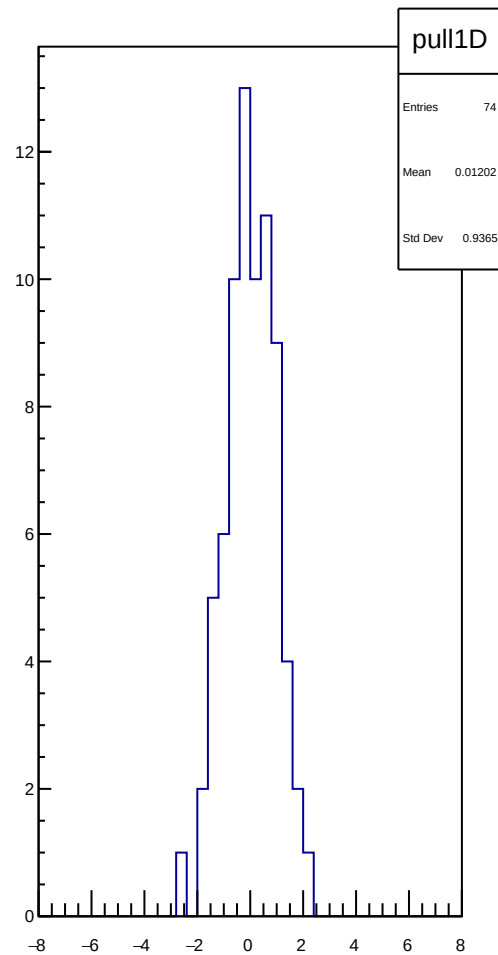
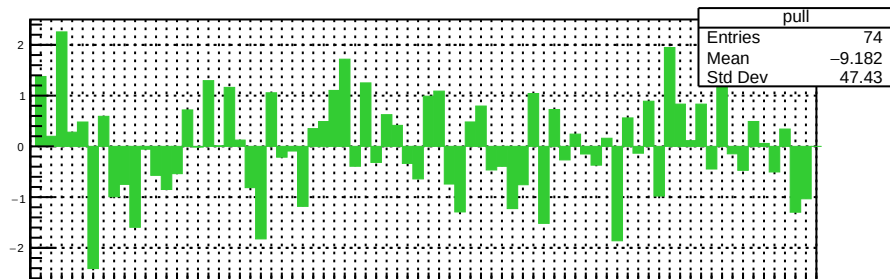
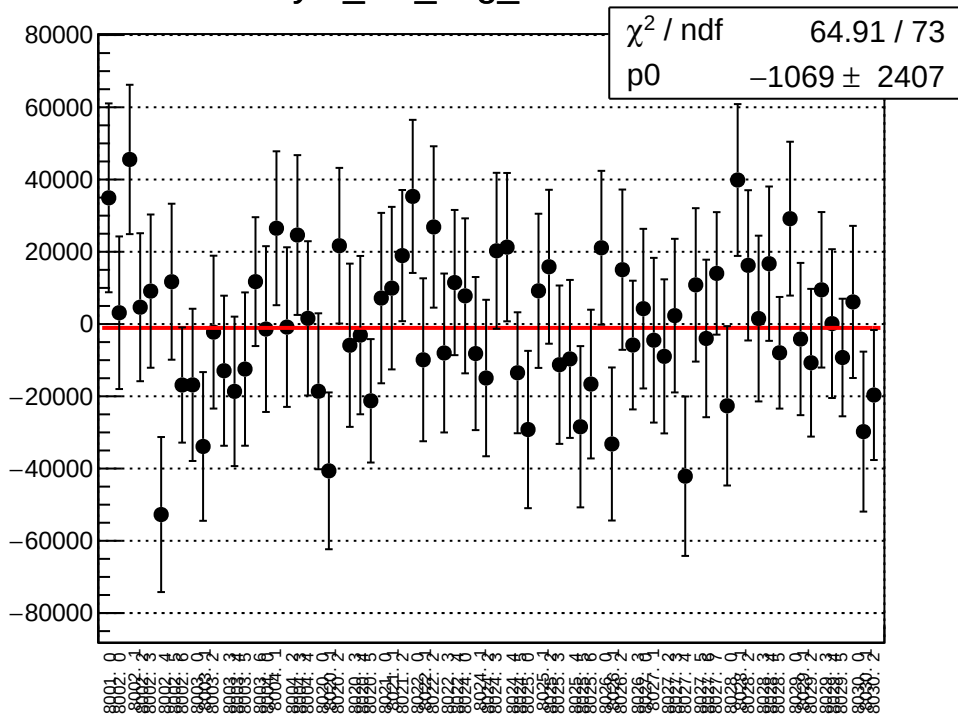


# asym\_left\_avg\_correction\_rms vs run

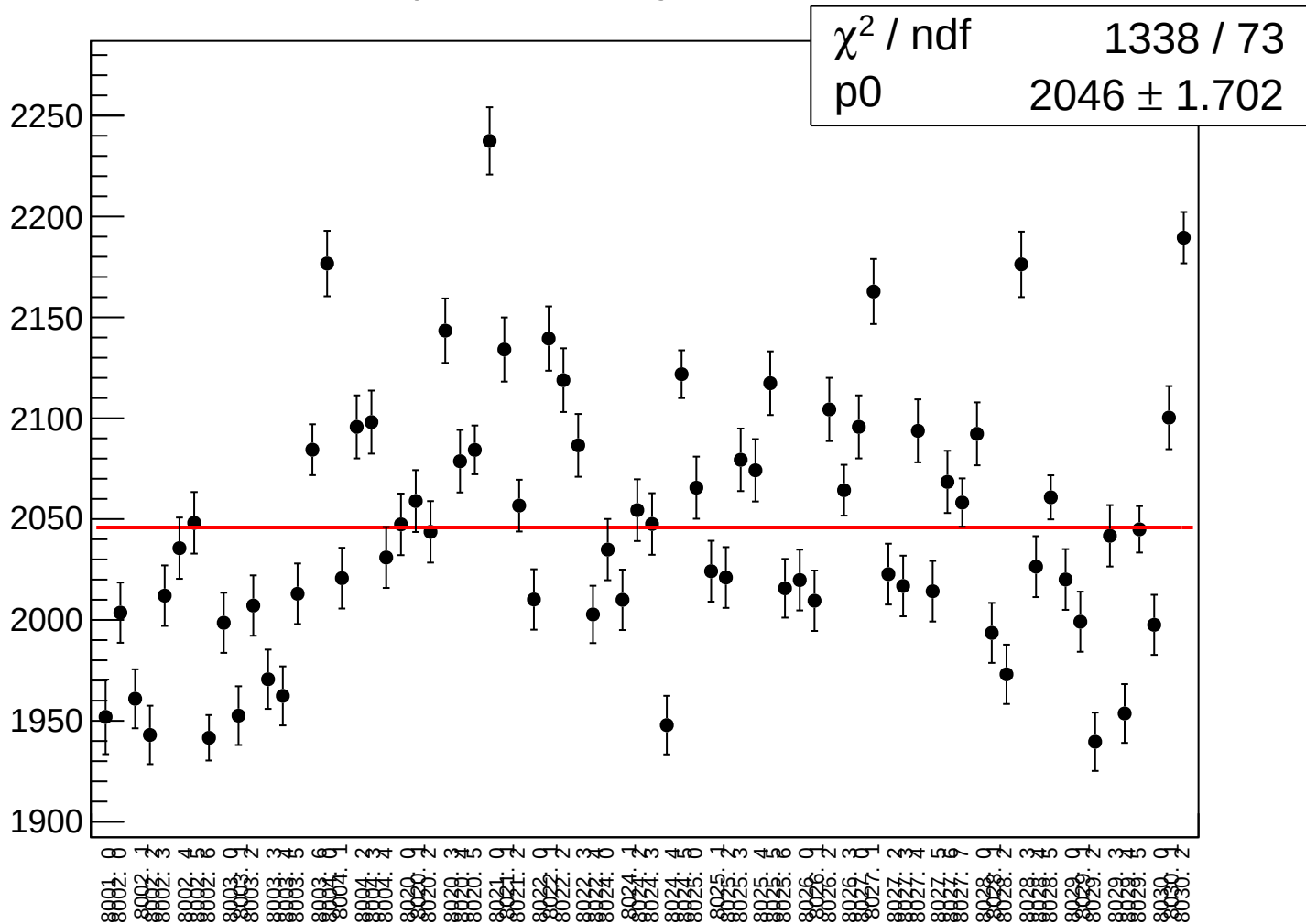




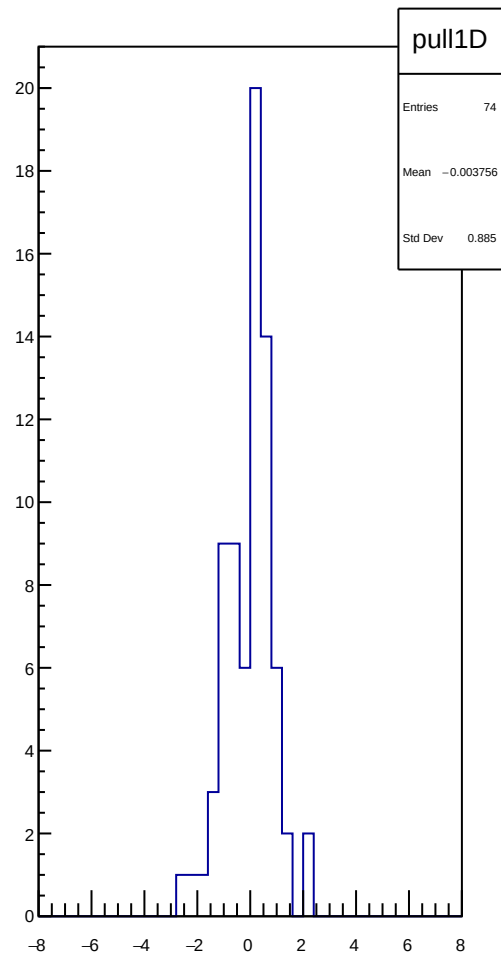
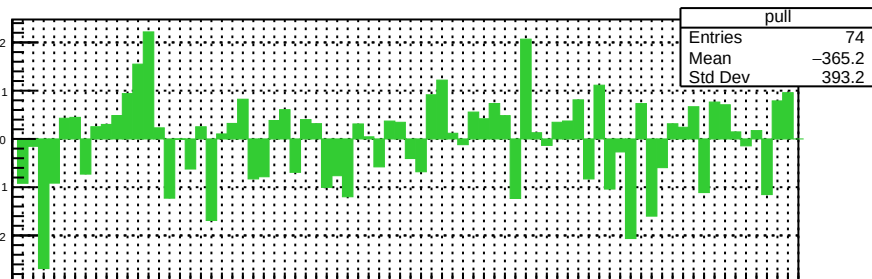
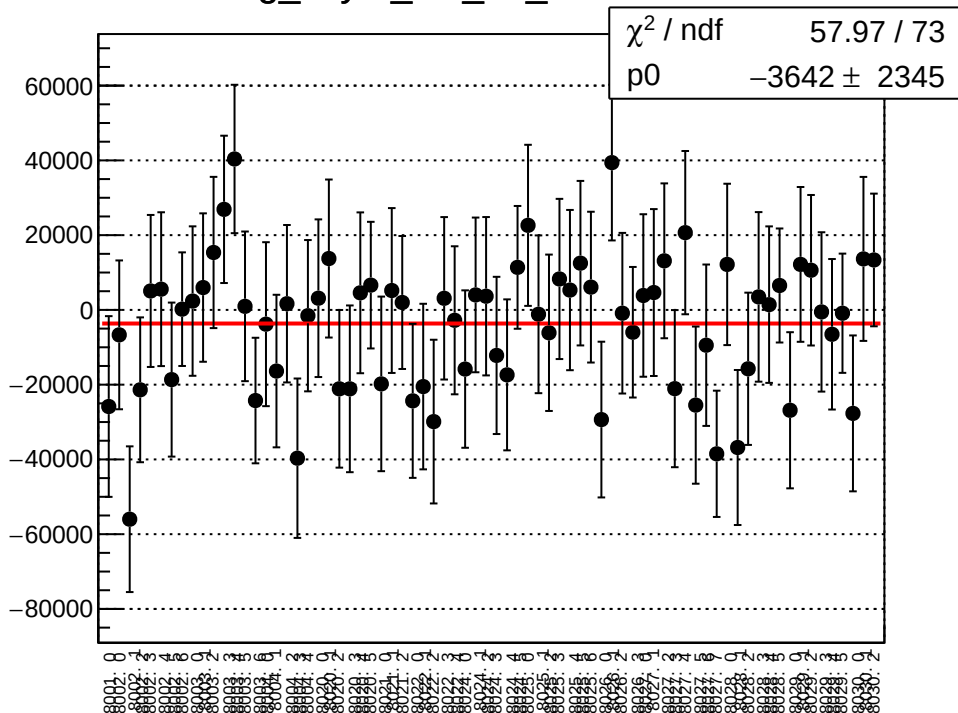
asym\_left\_avg\_mean vs run



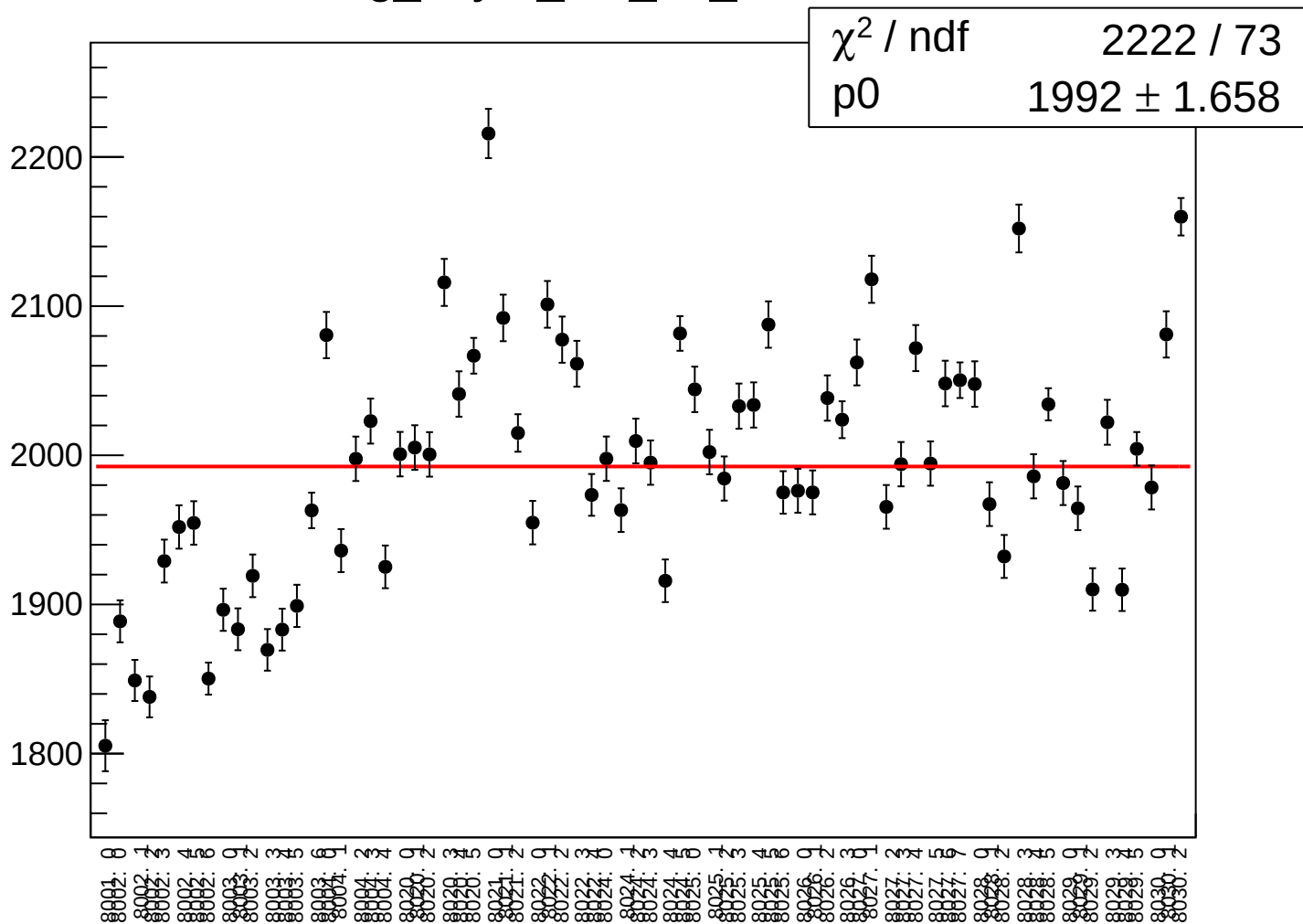
# asym\_left\_avg\_rms vs run



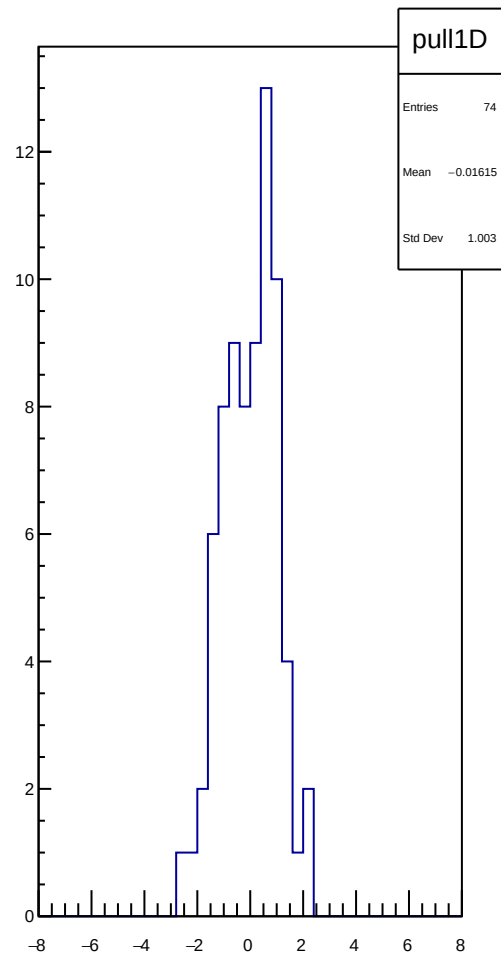
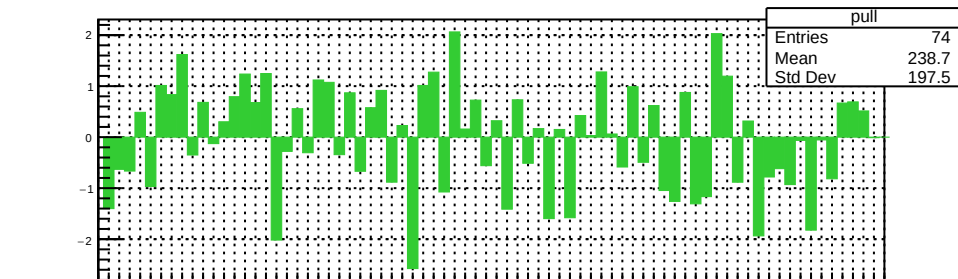
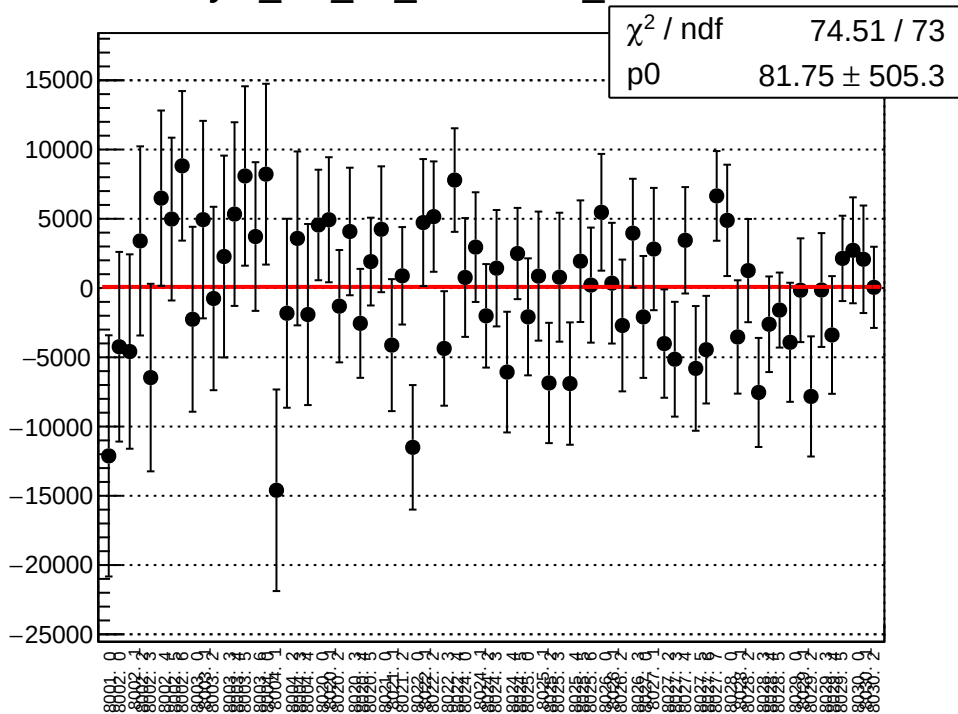
# reg\_asym\_left\_dd\_mean vs run



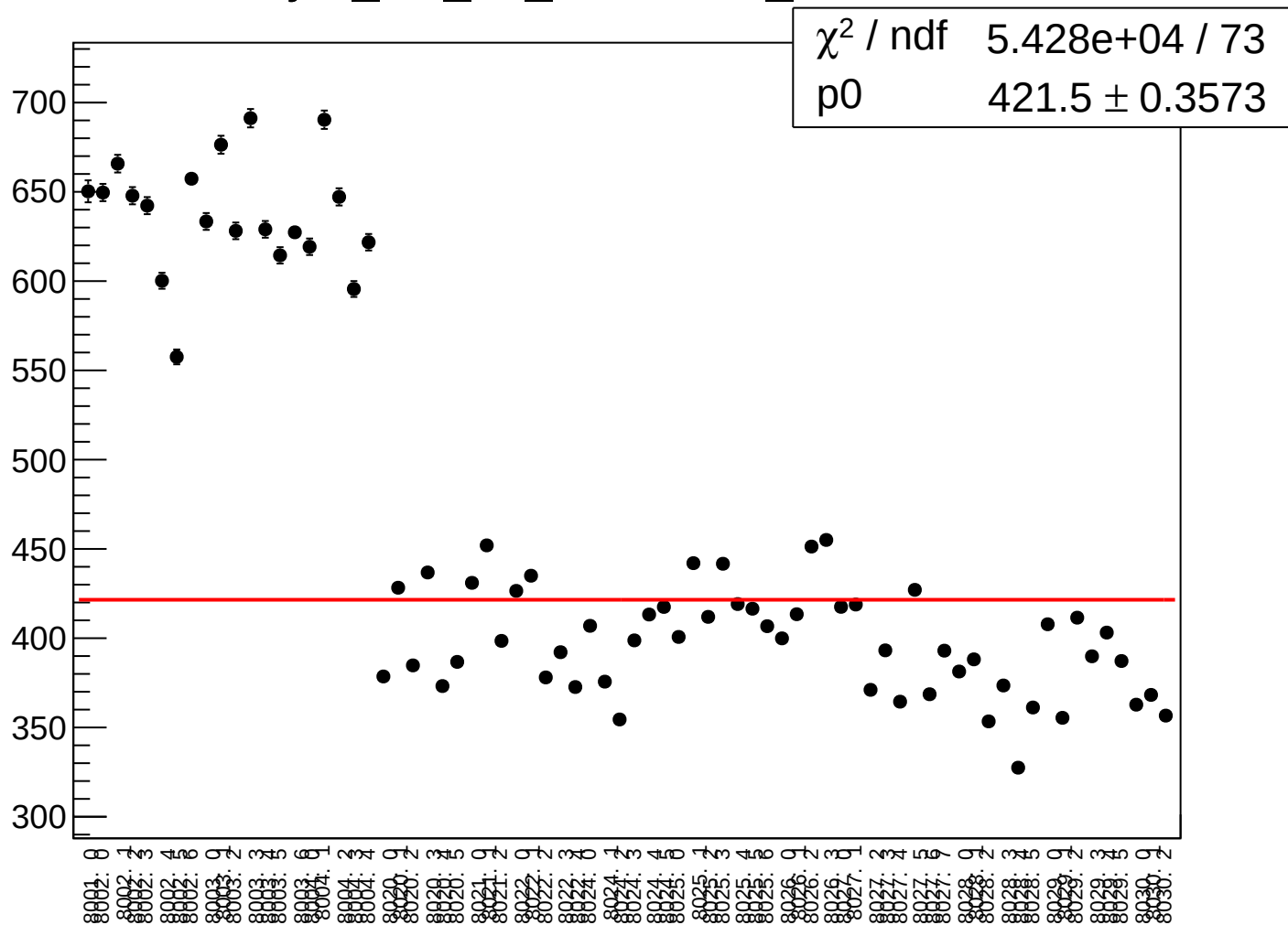
# reg\_asym\_left\_dd\_rms vs run



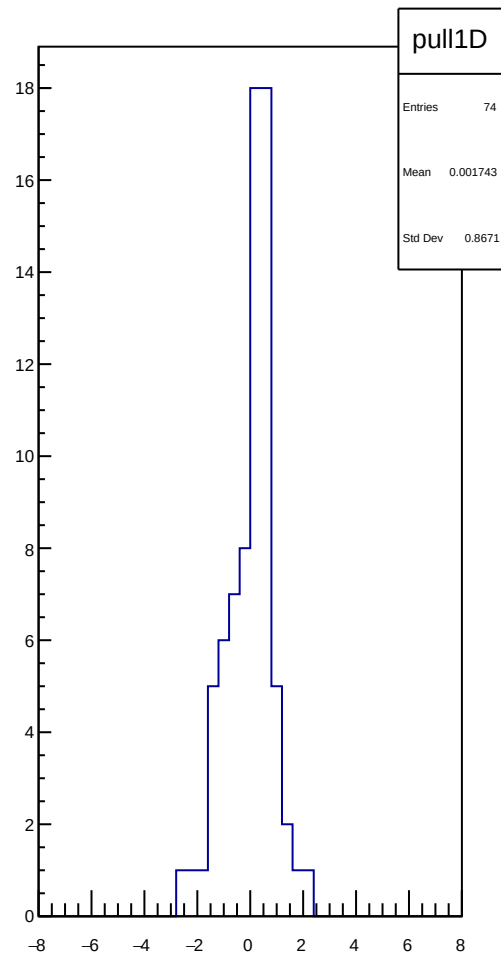
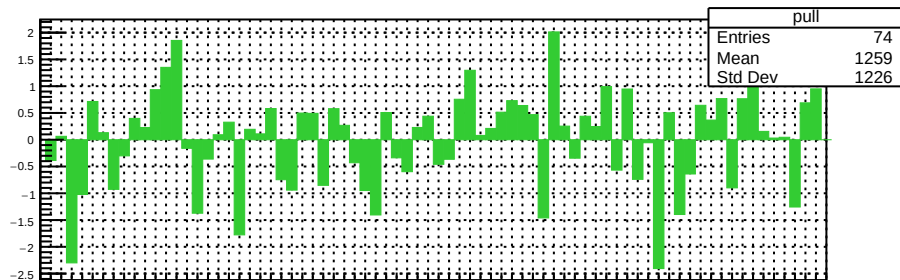
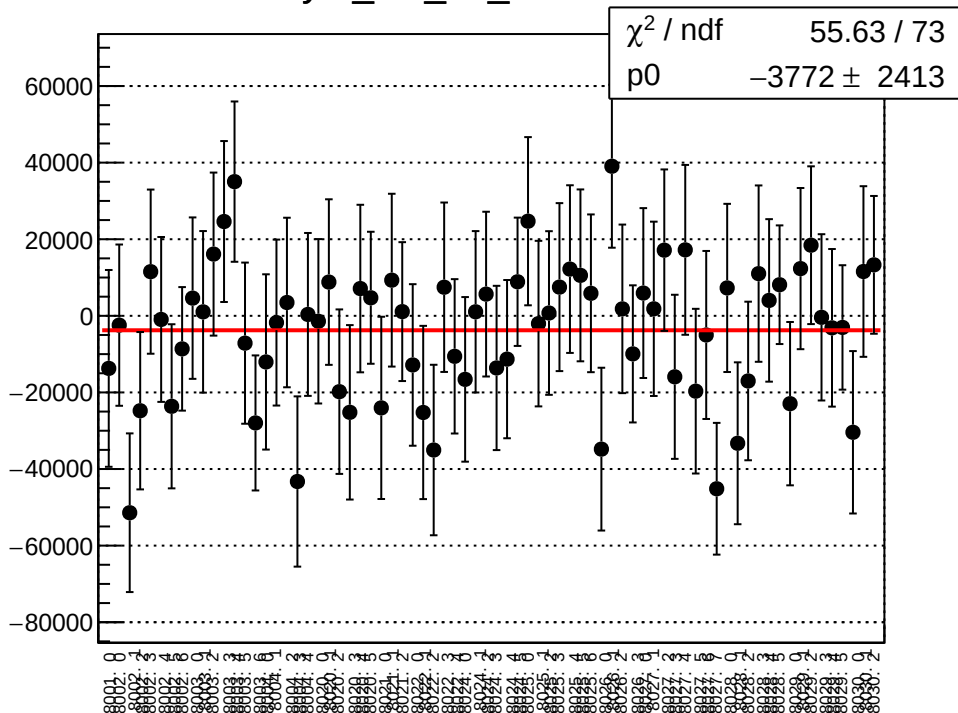
# asym\_left\_dd\_correction\_mean vs run



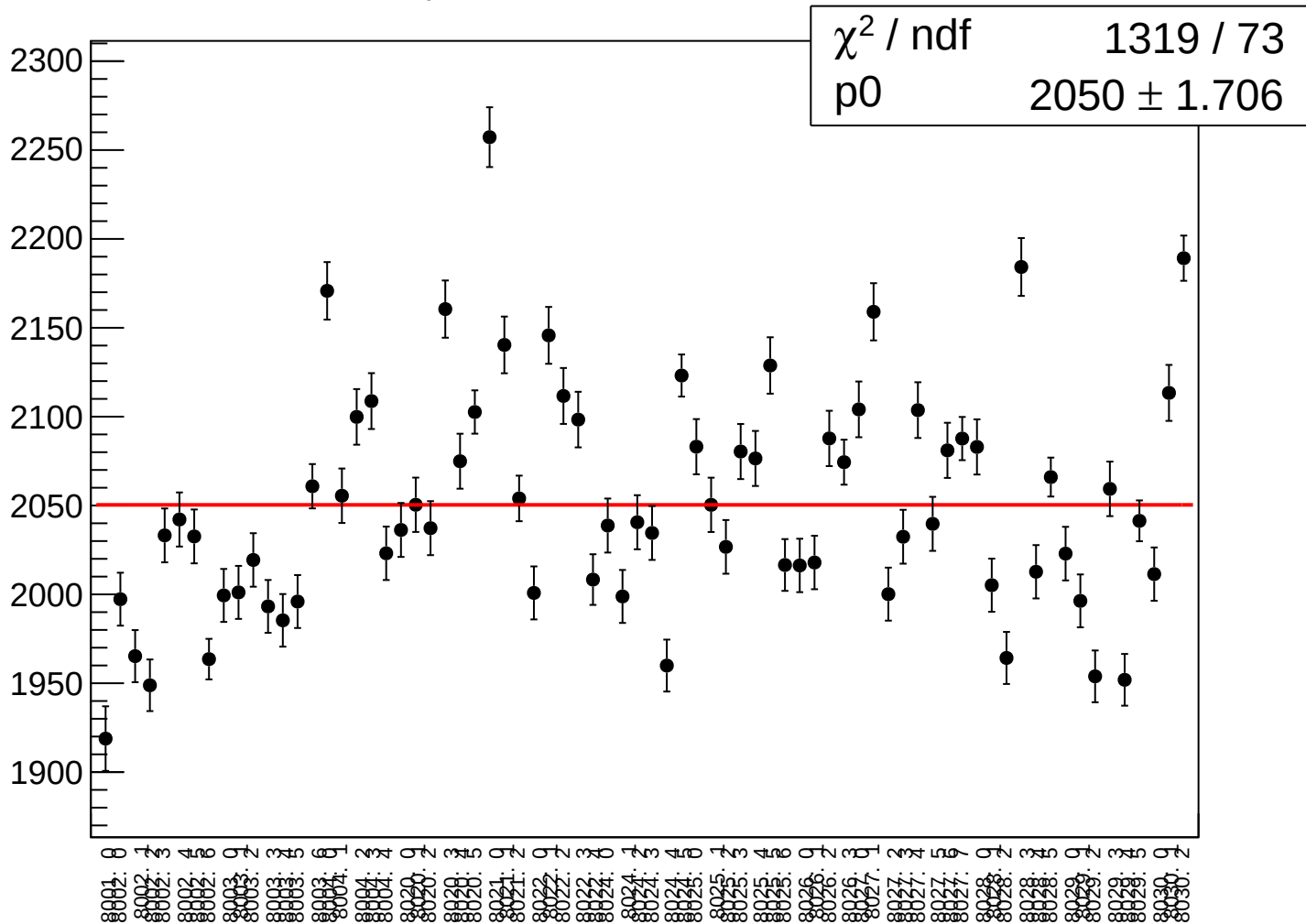
# asym\_left\_dd\_correction\_rms vs run



asym\_left\_dd\_mean vs run

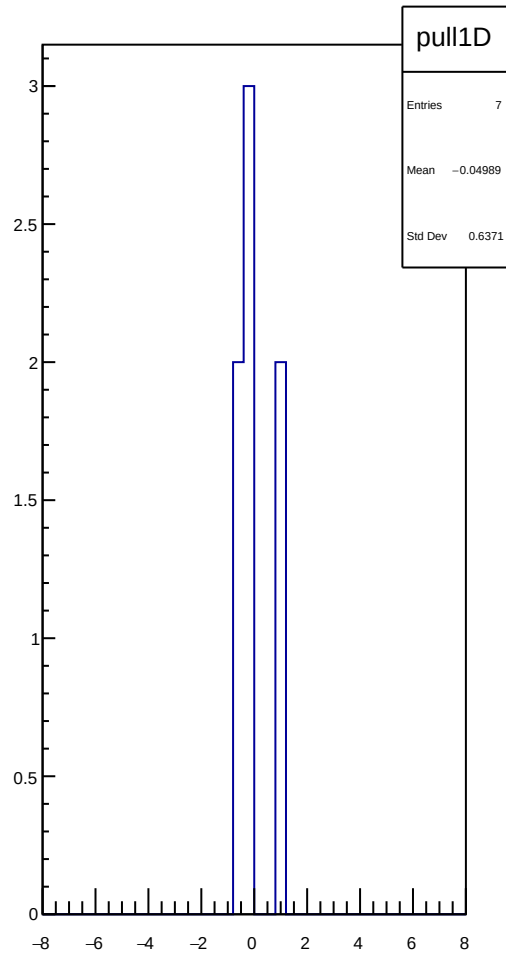
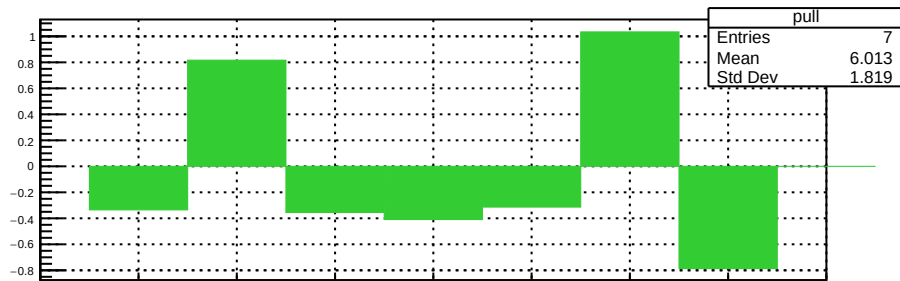
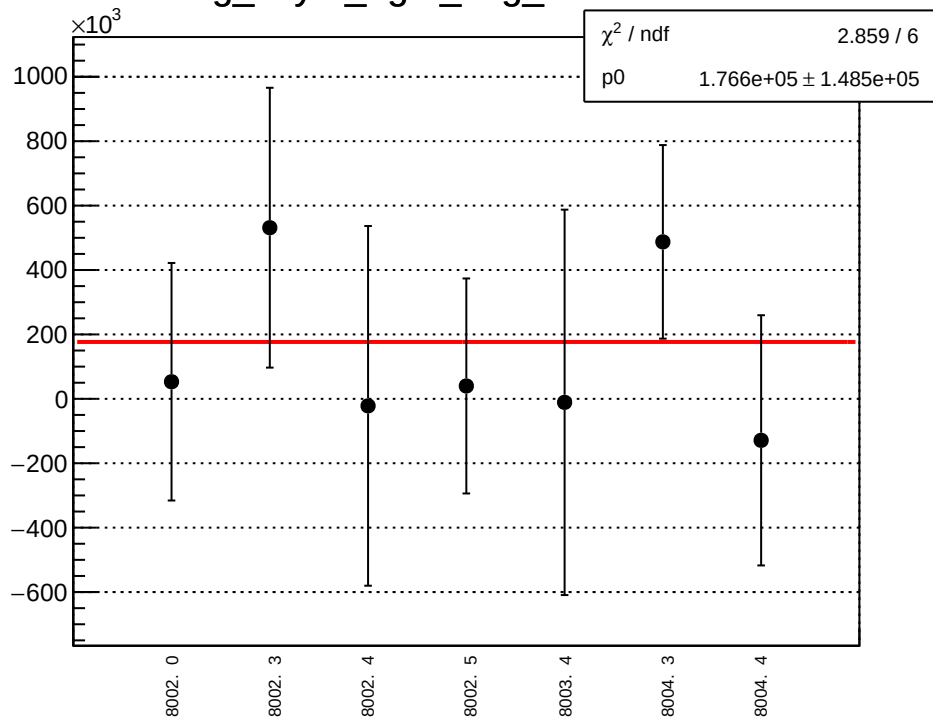


# asym\_left\_dd\_rms vs run

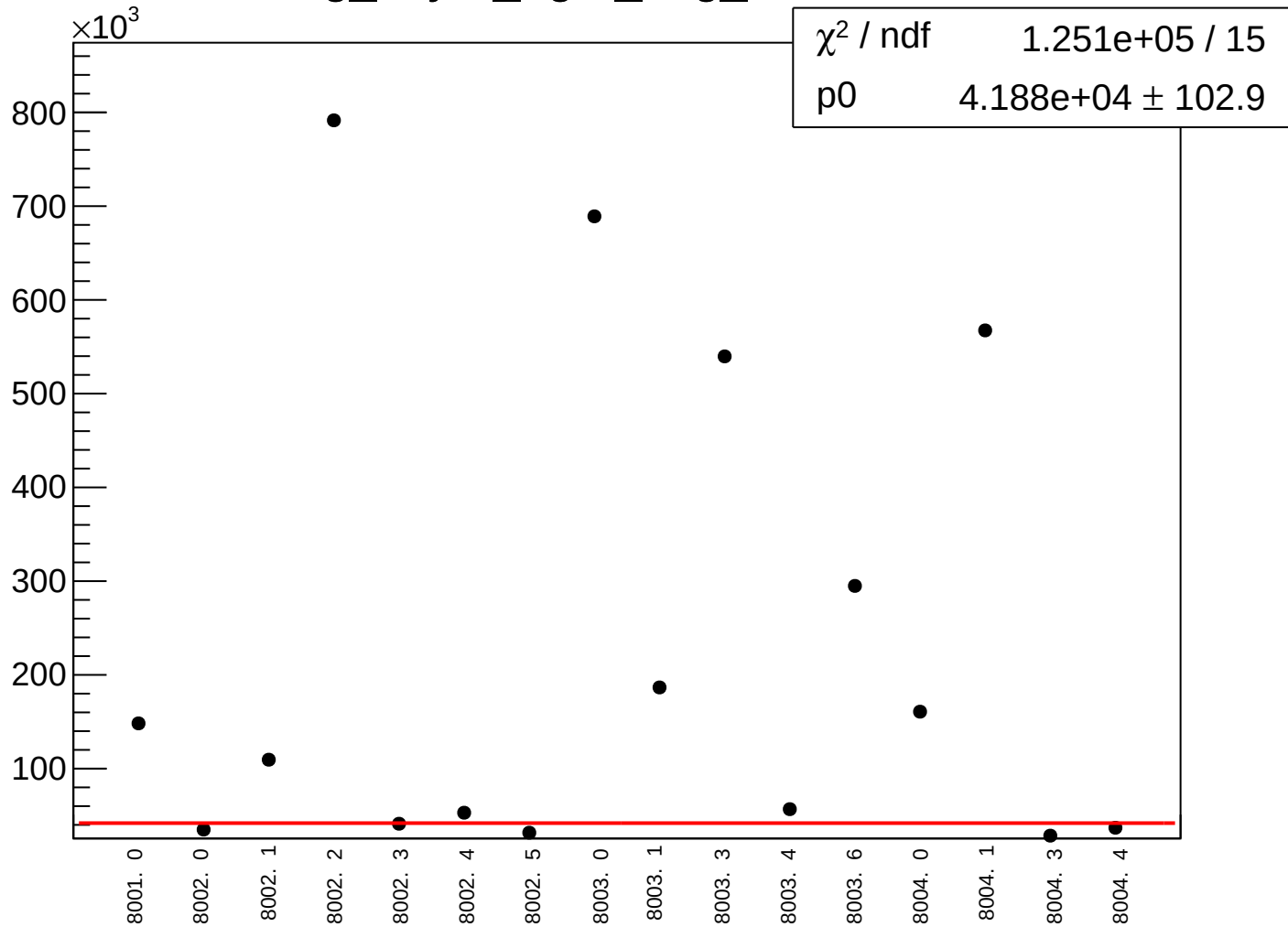




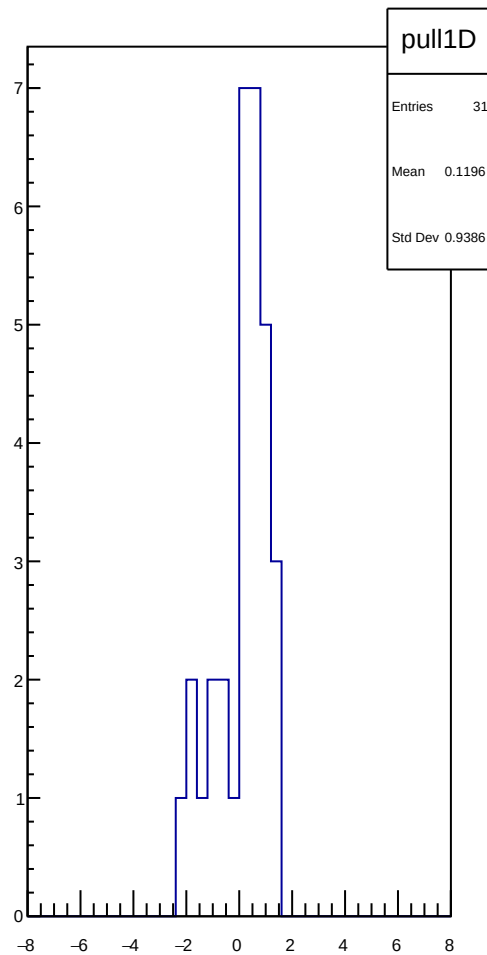
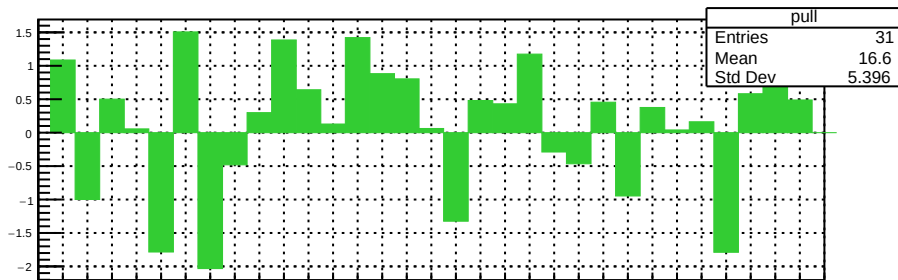
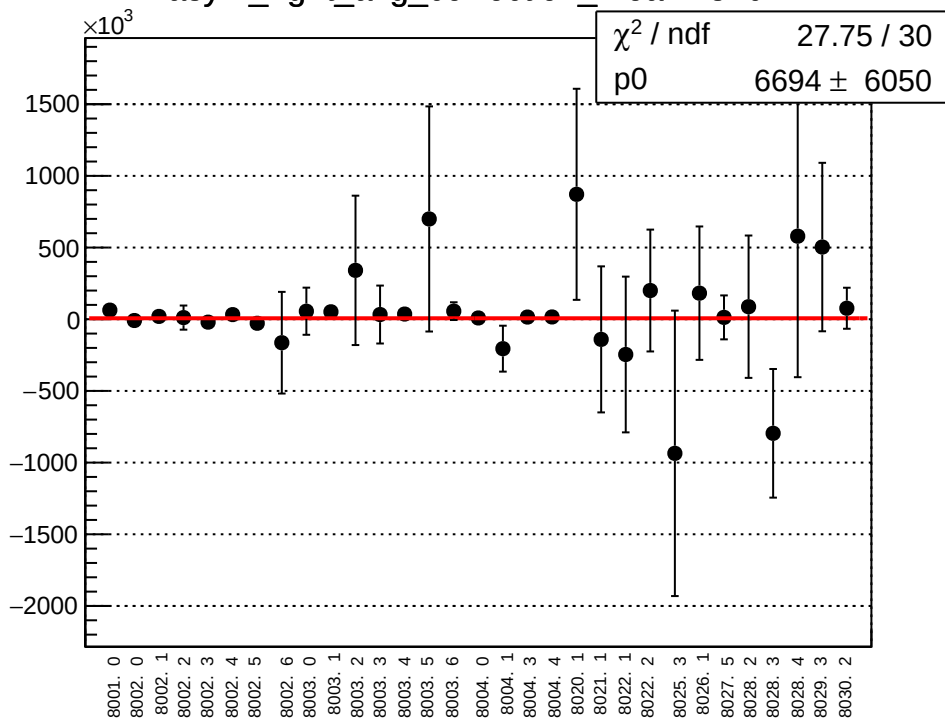
# reg\_asym\_right\_avg\_mean vs run



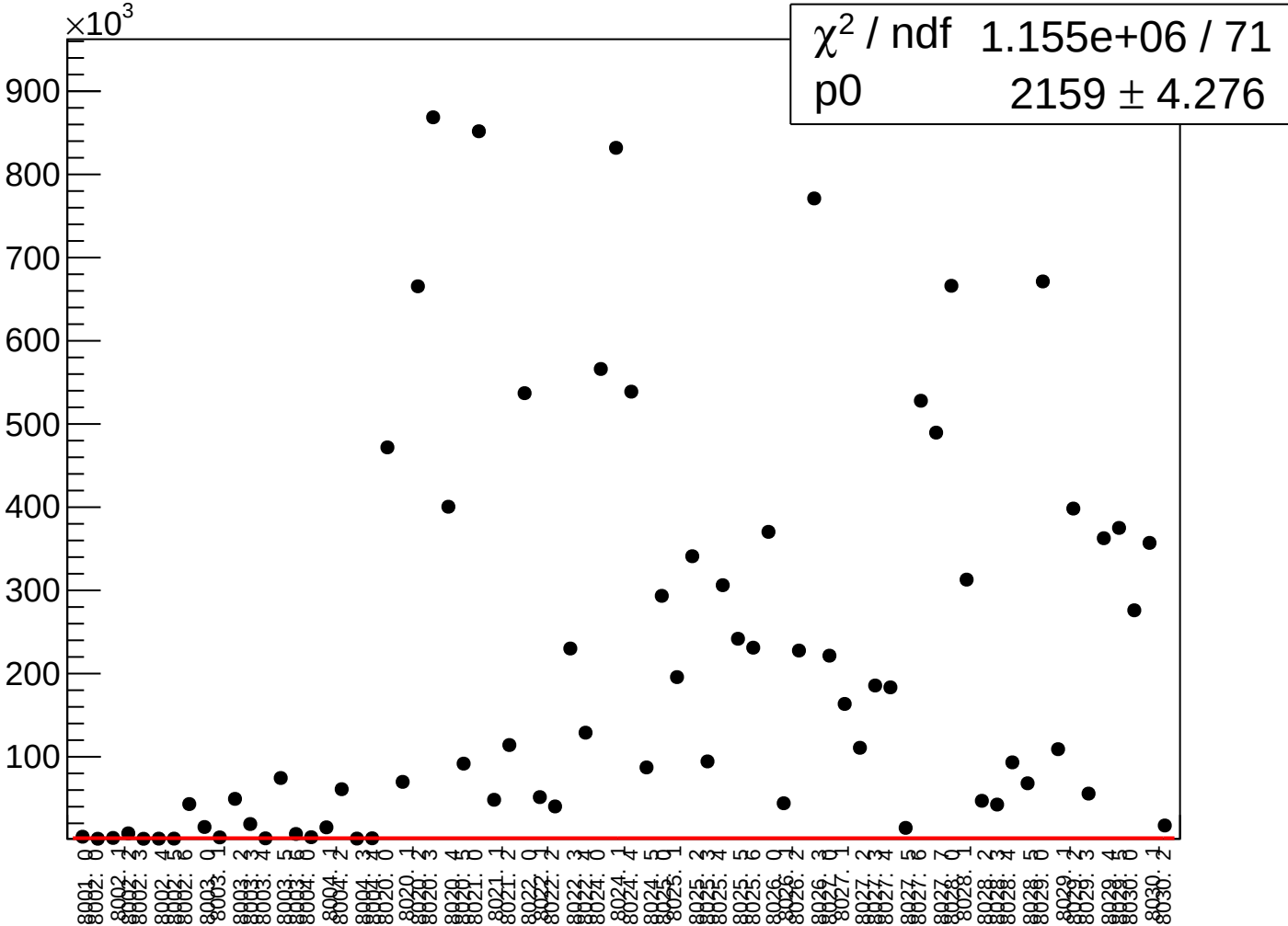
reg\_asym\_right\_avg\_rms vs run



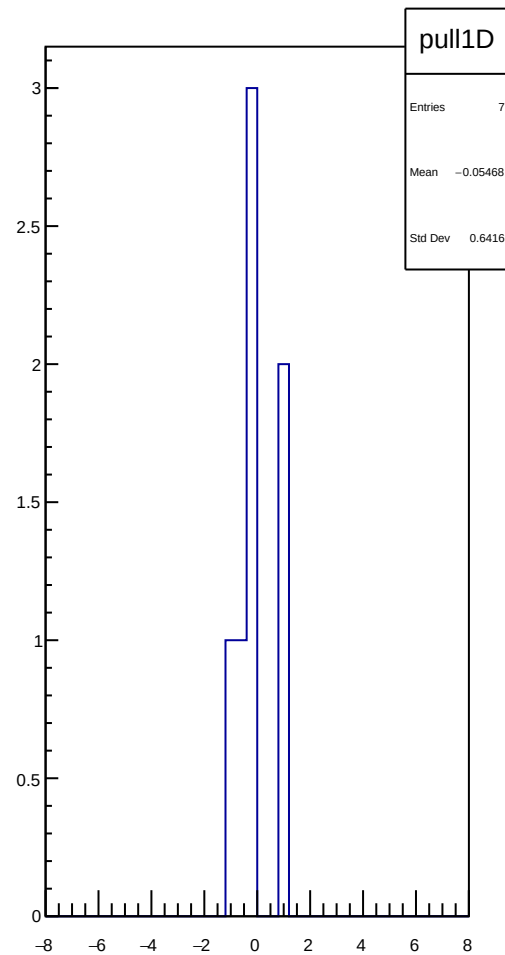
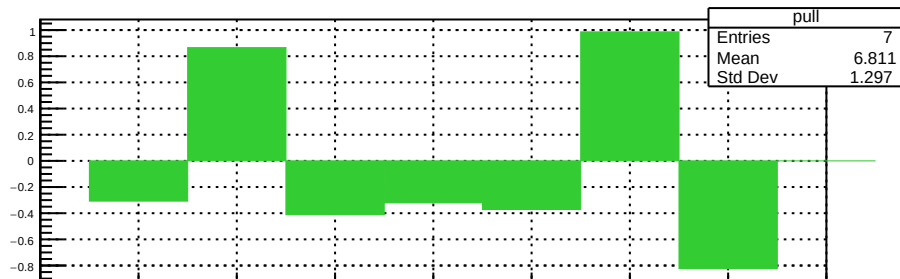
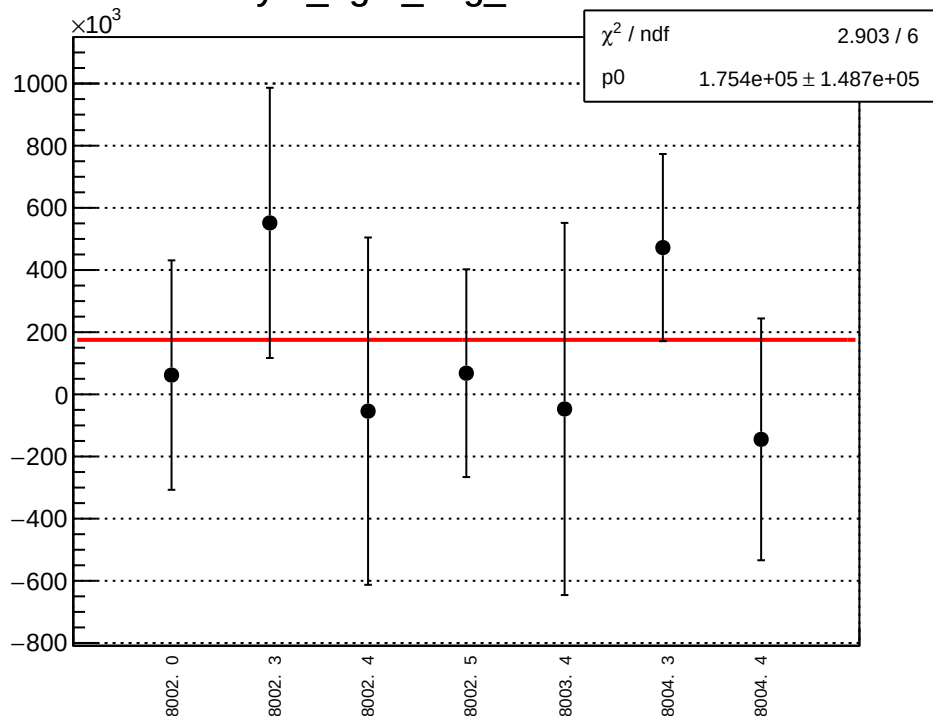
asym\_right\_avg\_correction\_mean vs run



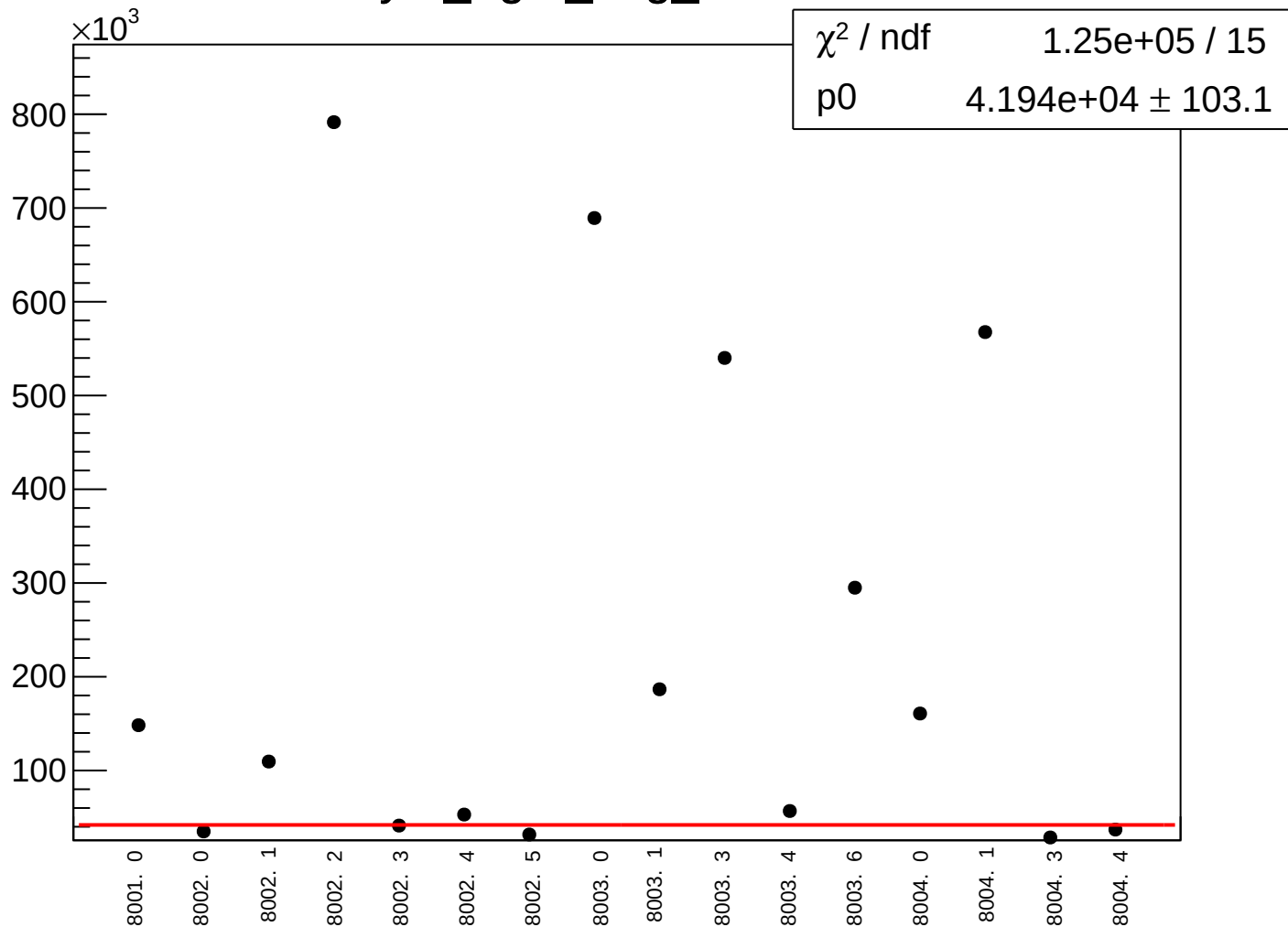
## asym\_right\_avg\_correction\_rms vs run



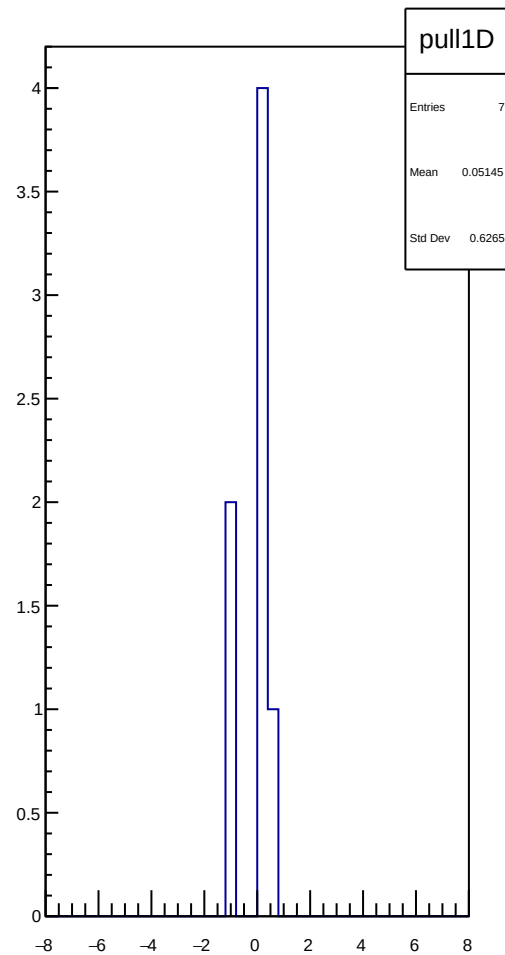
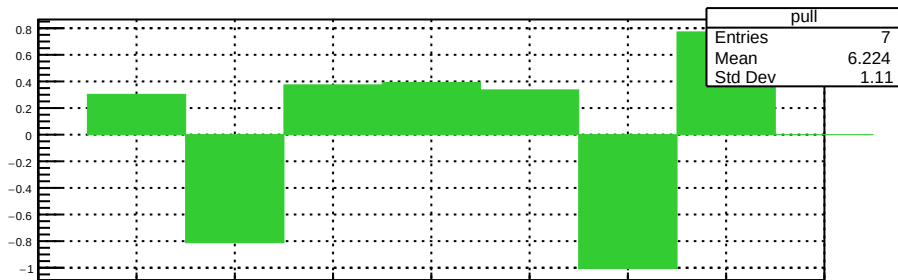
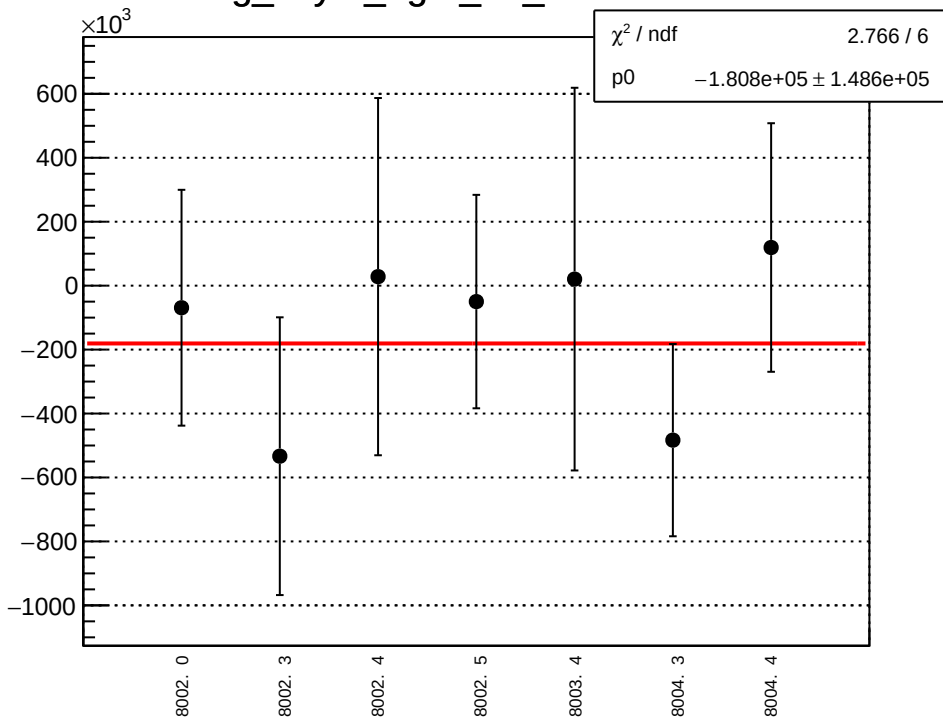
# asym\_right\_avg\_mean vs run



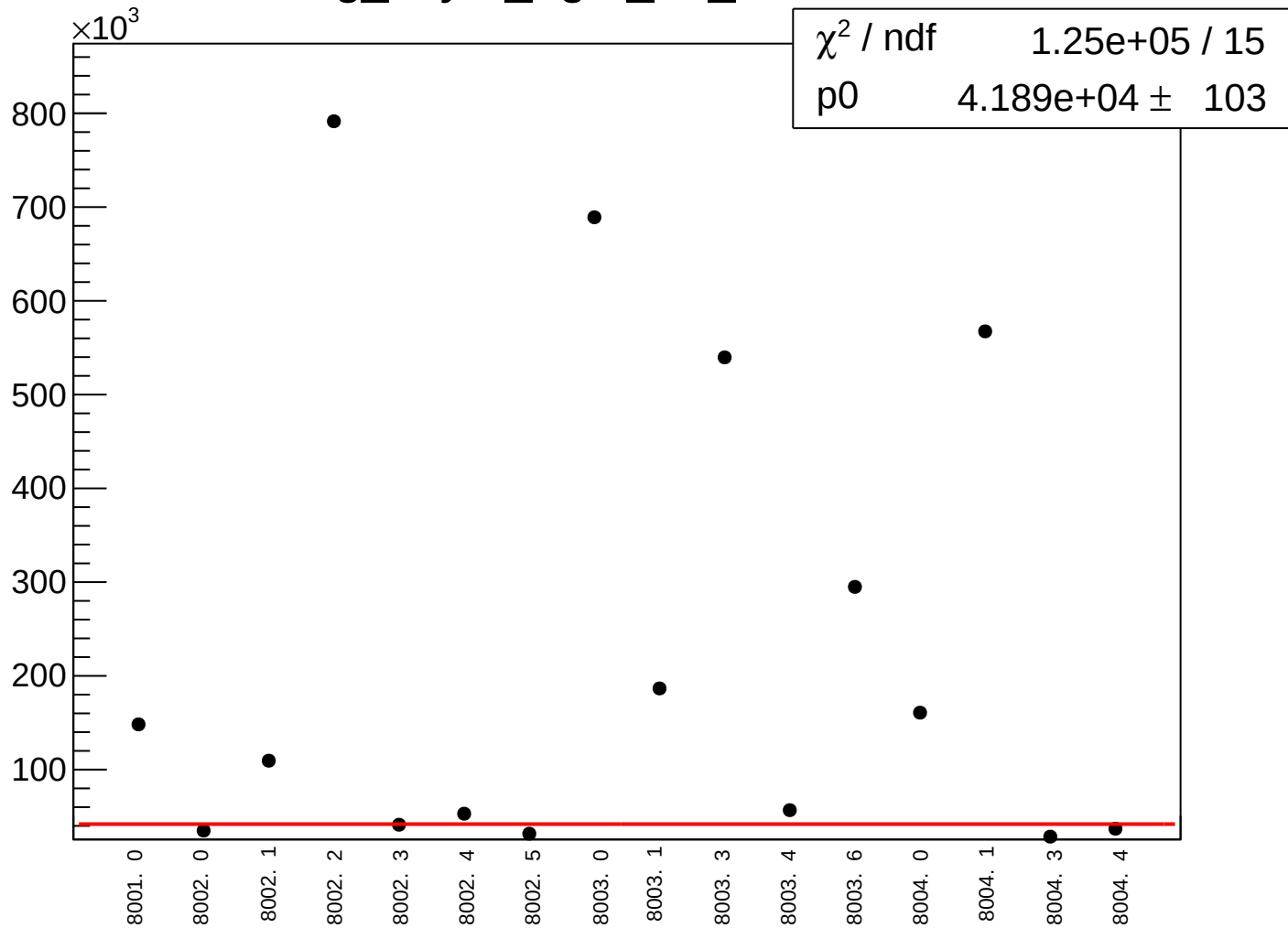
# asym\_right\_avg\_rms vs run



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

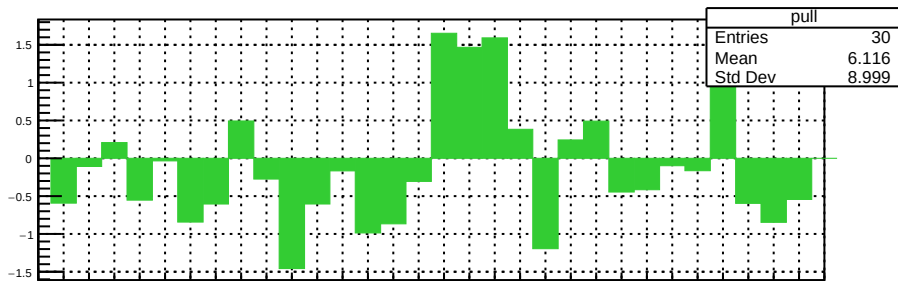
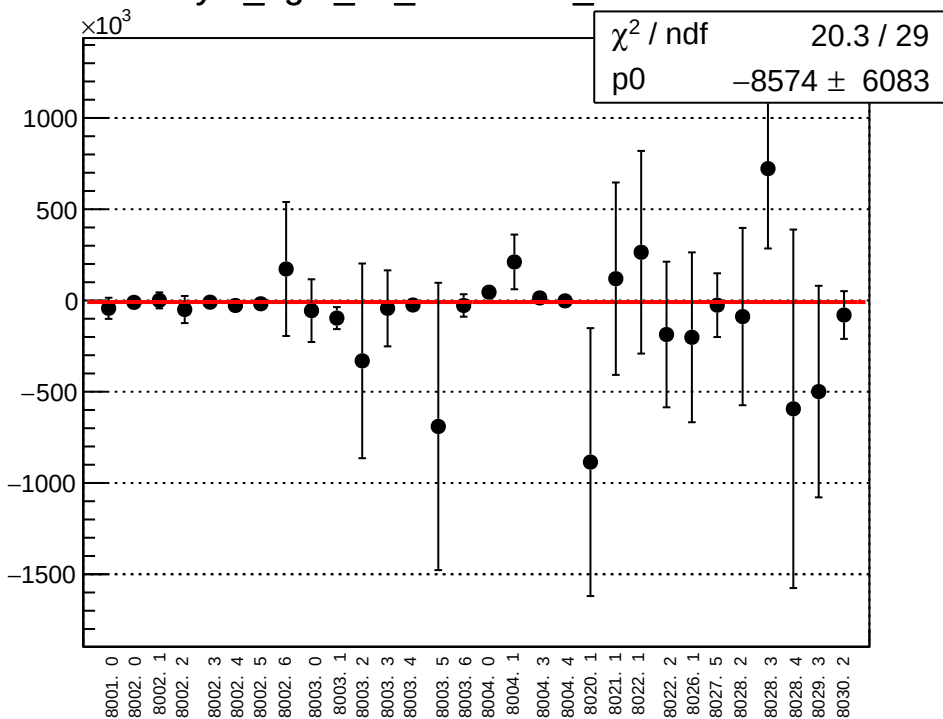


# reg\_asym\_right\_dd\_rms vs run

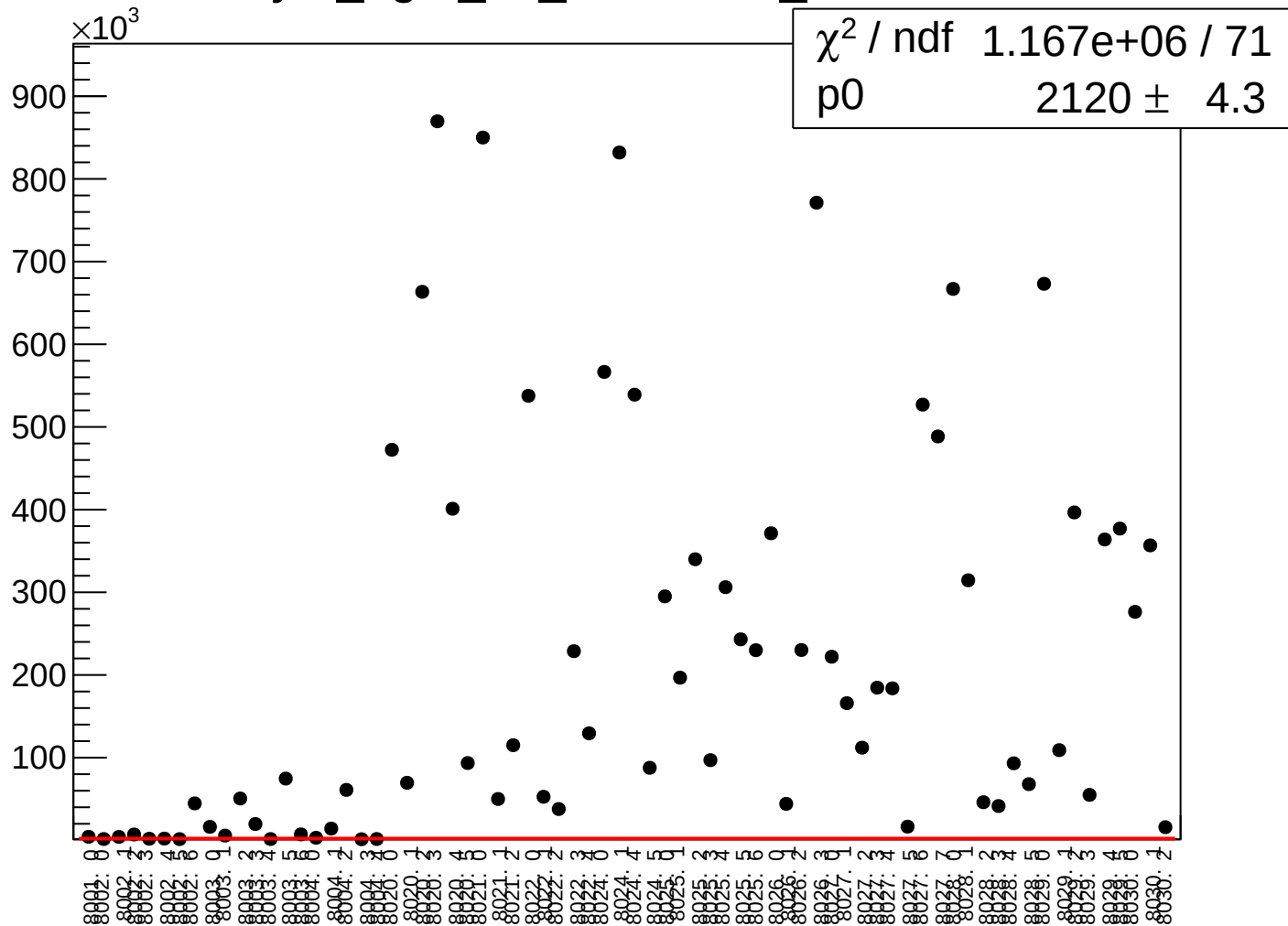




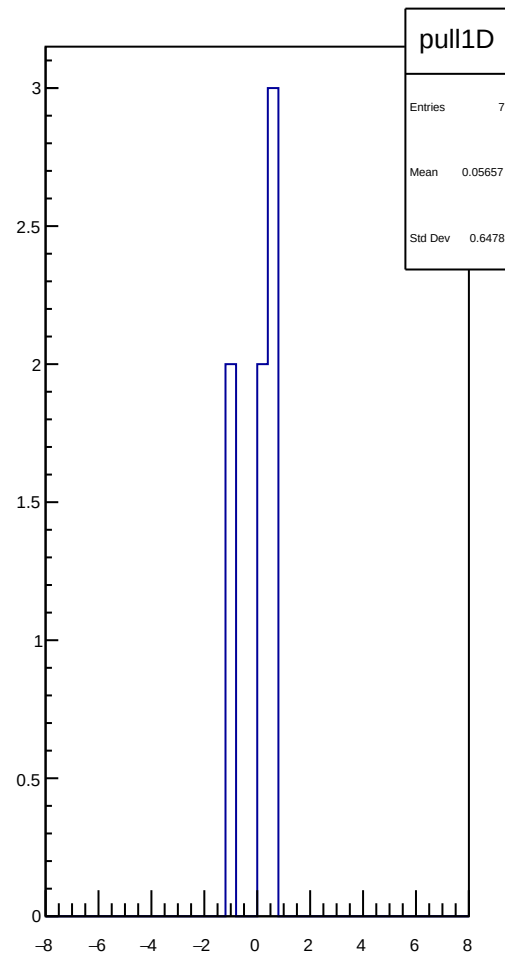
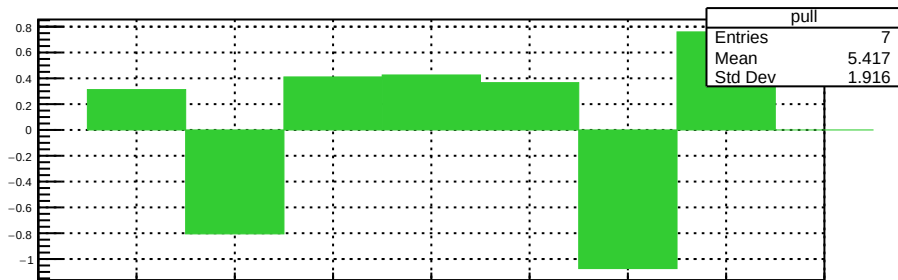
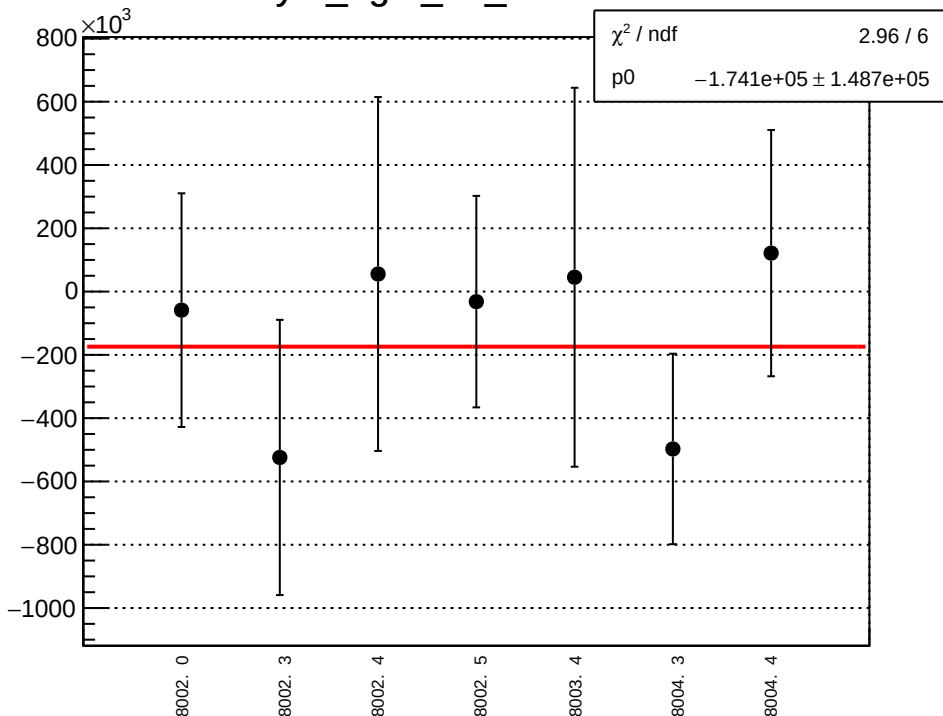
asym\_right\_dd\_correction\_mean vs run



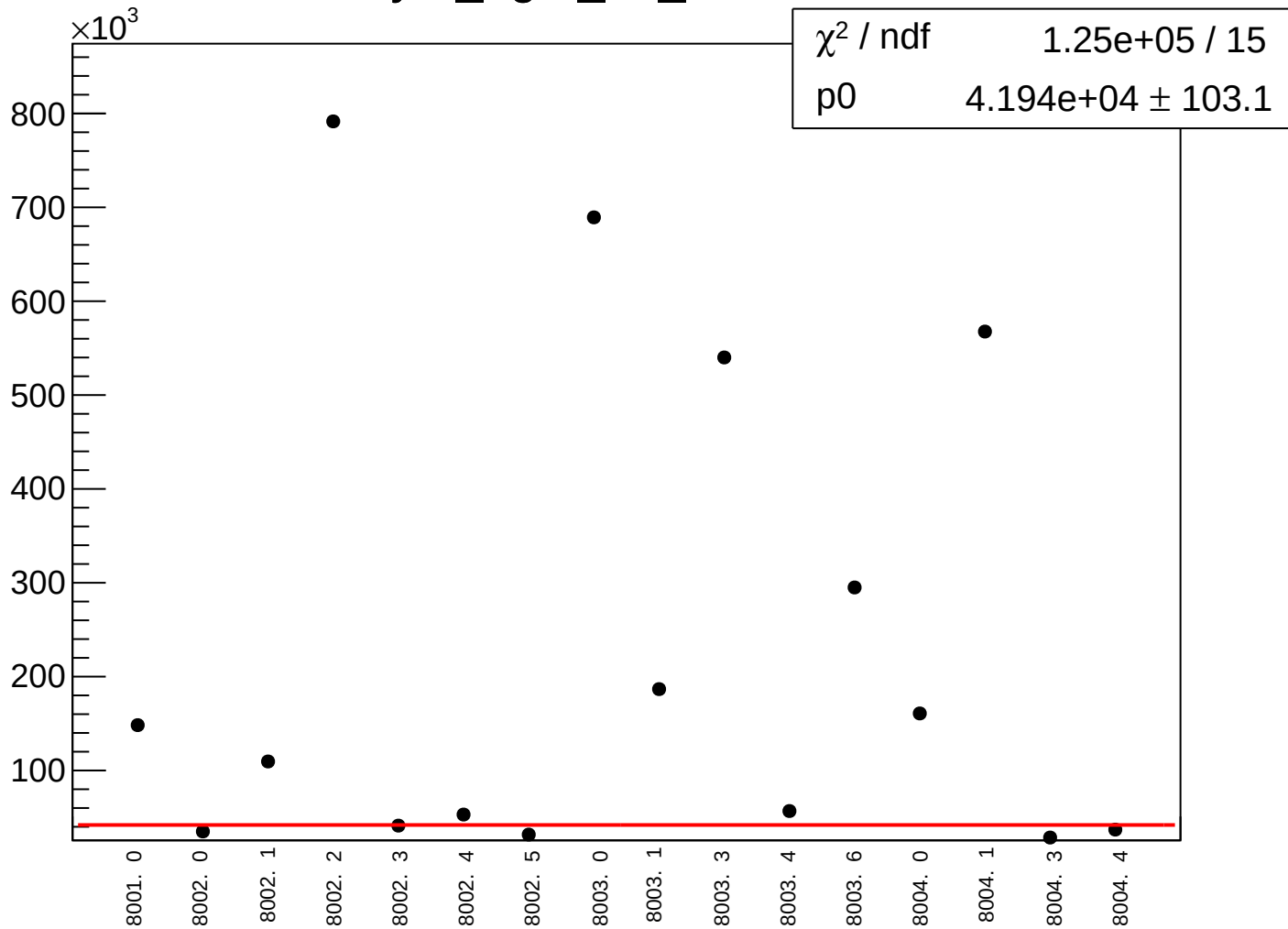
# asym\_right\_dd\_correction\_rms vs run

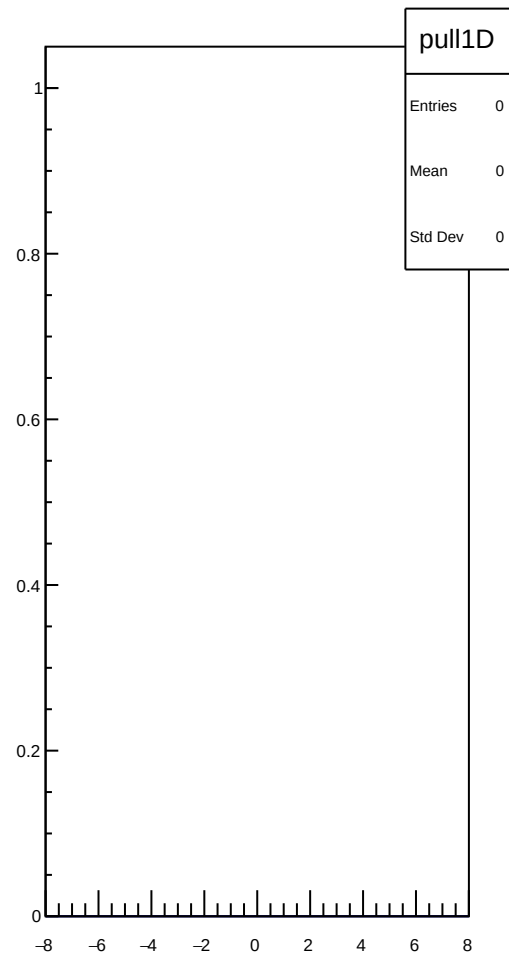
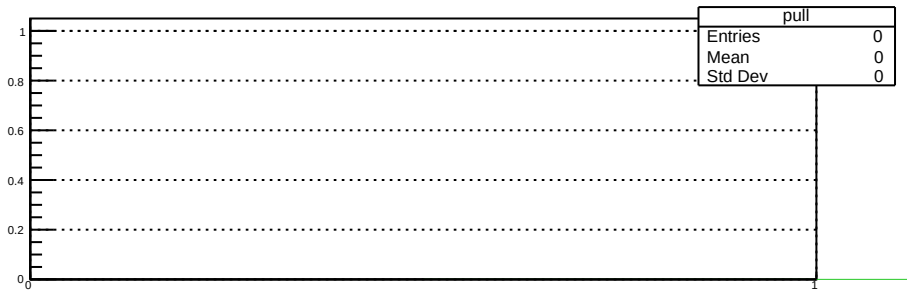


# asym\_right\_dd\_mean vs run

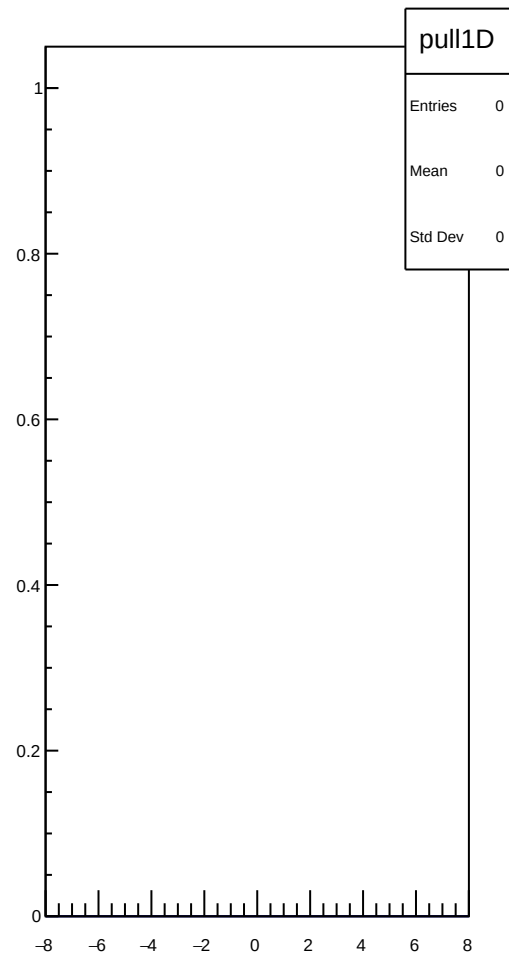
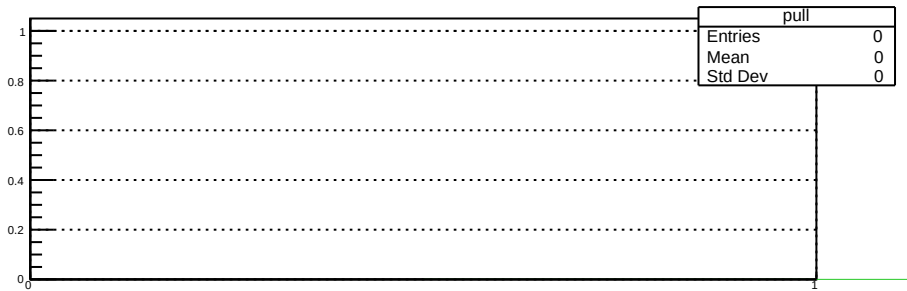


# asym\_right\_dd\_rms vs run



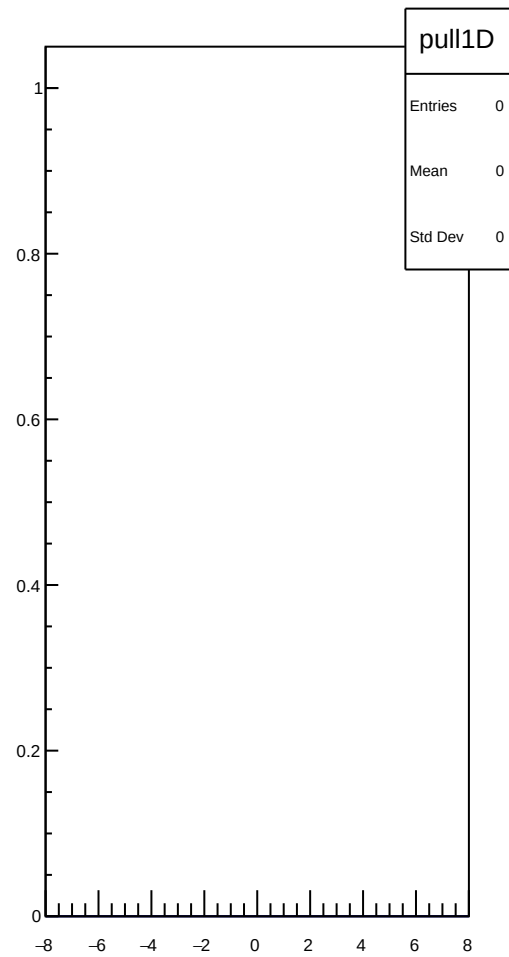
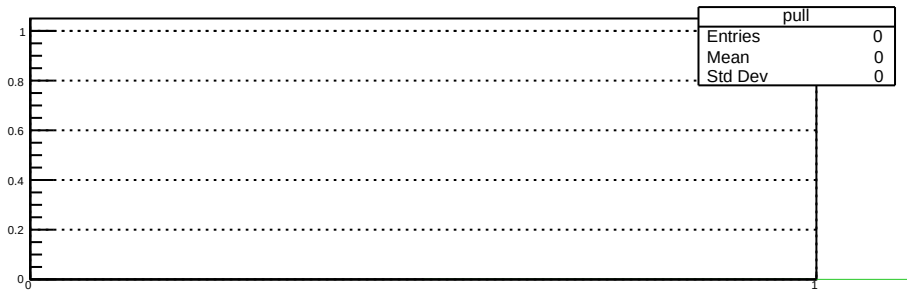




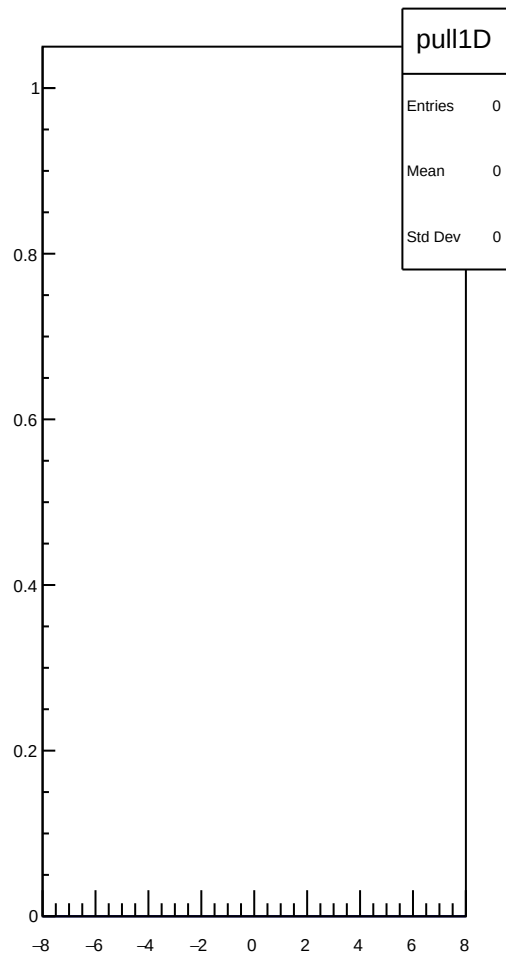
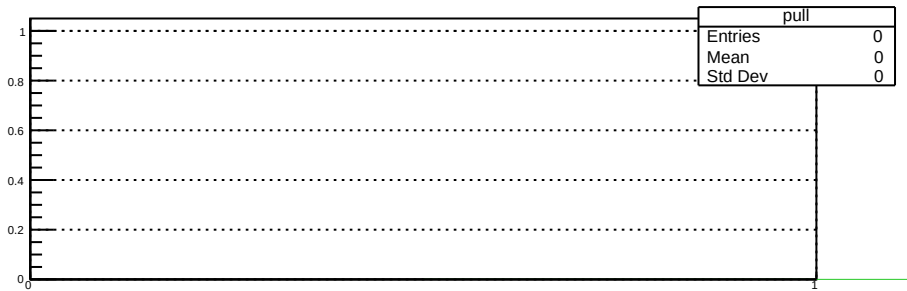






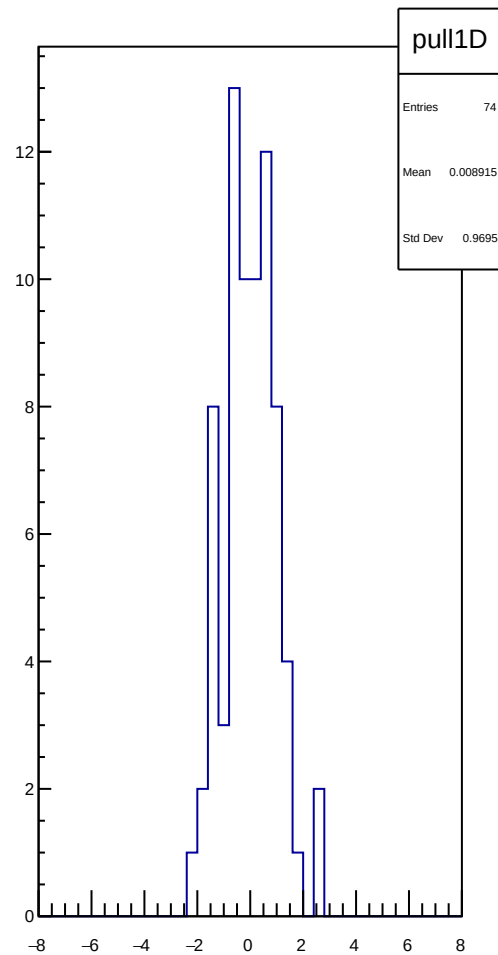
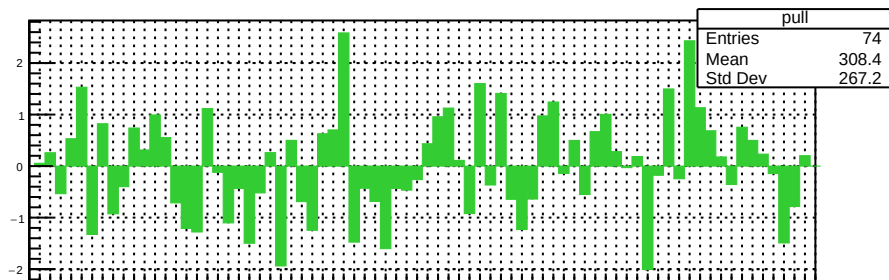
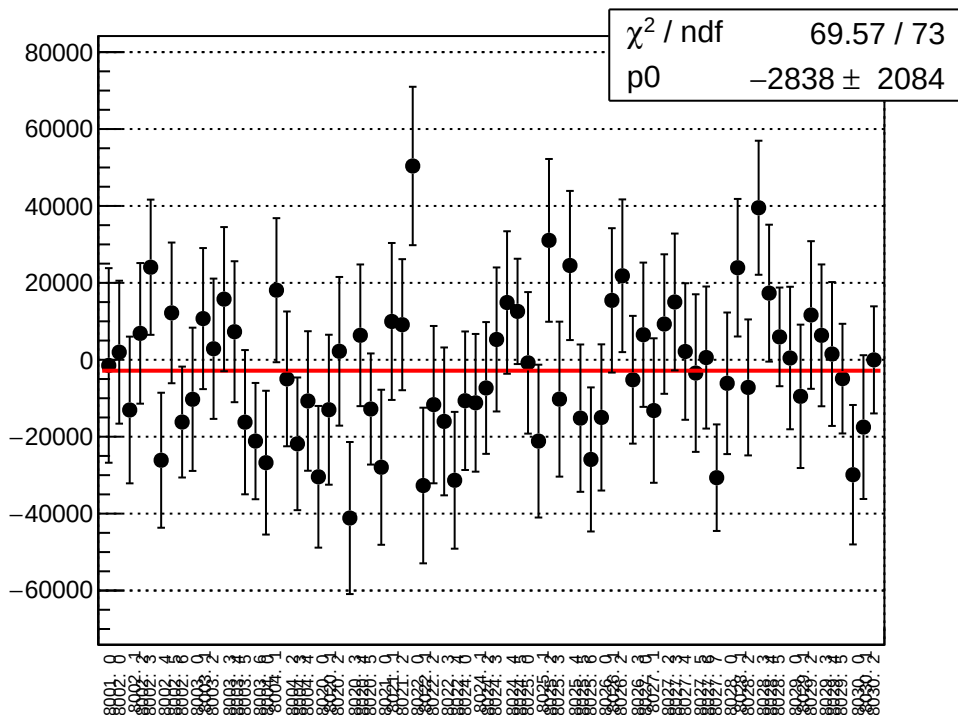




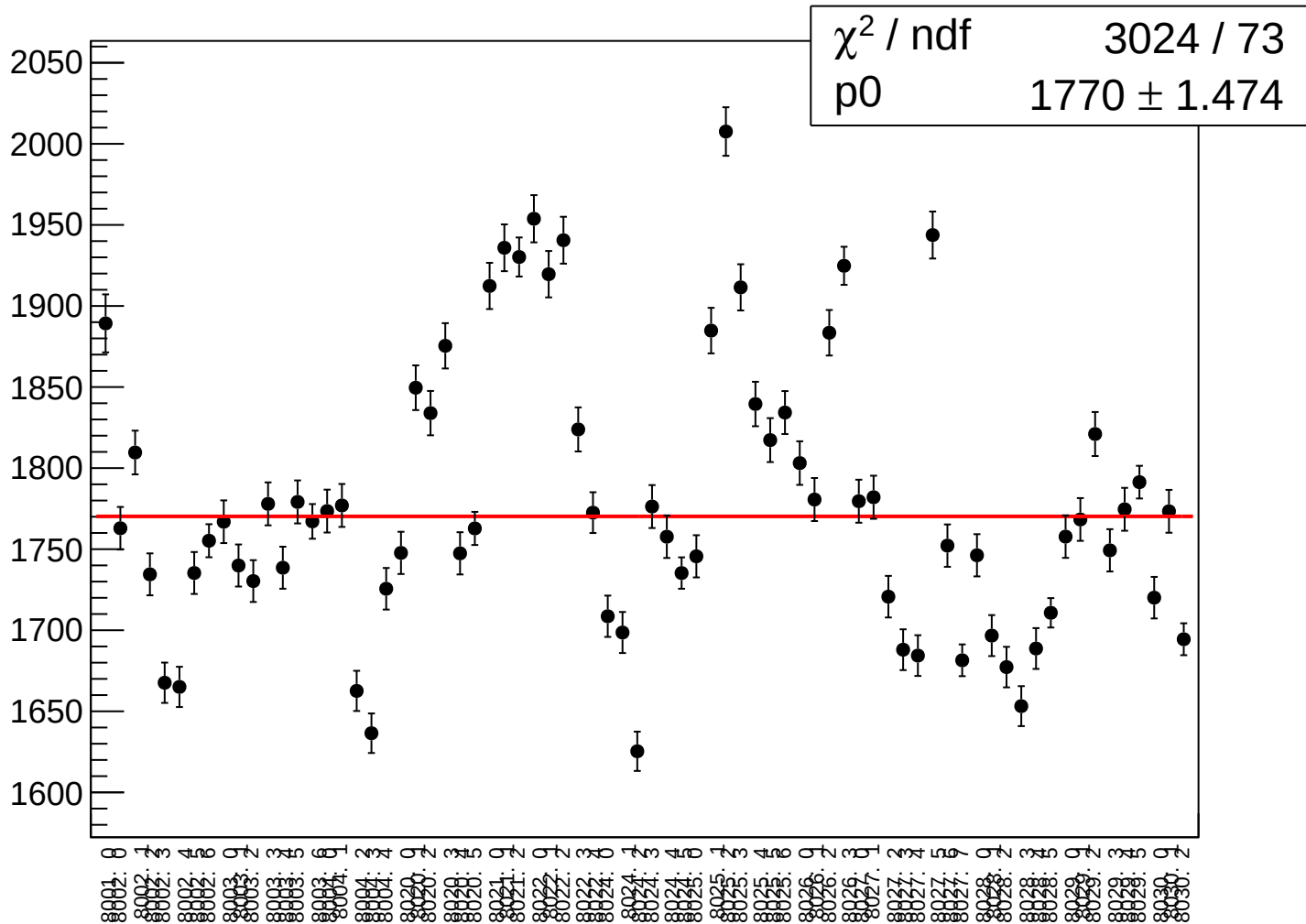




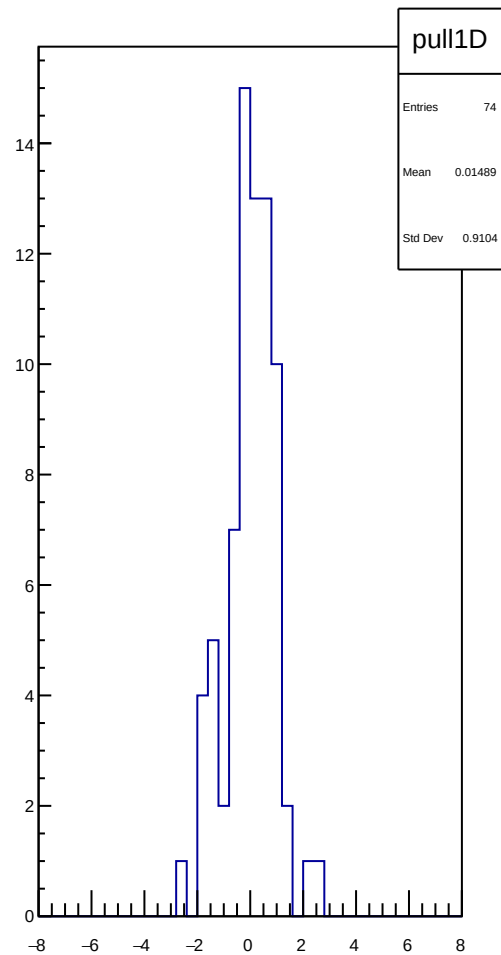
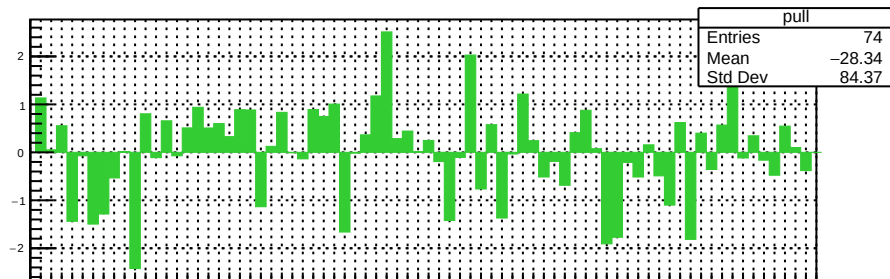
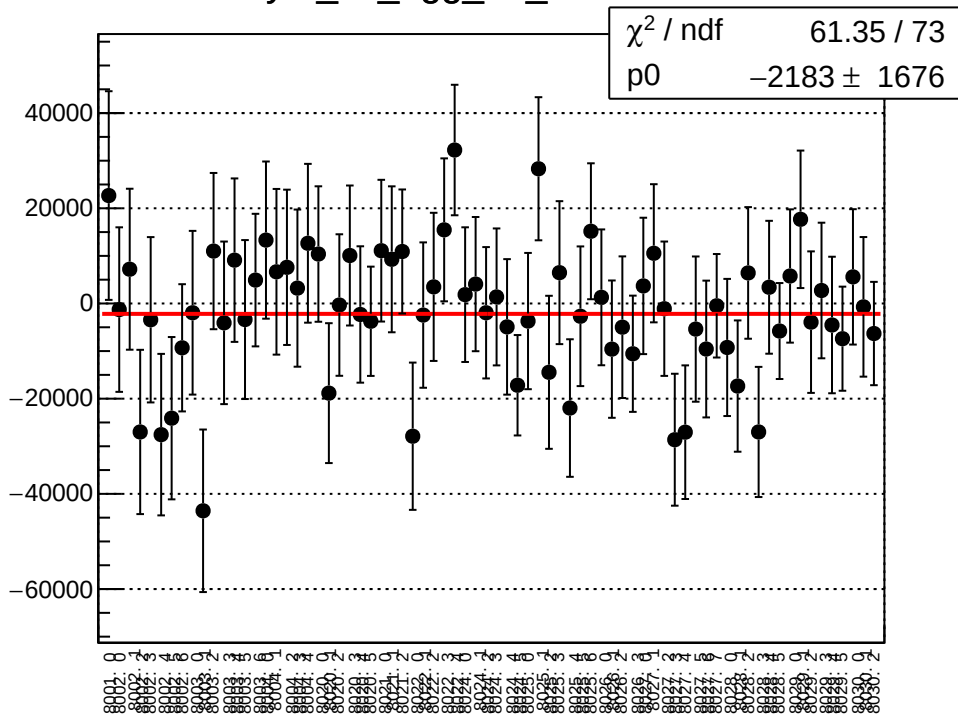
# asym\_us\_agg\_avg\_mean vs run



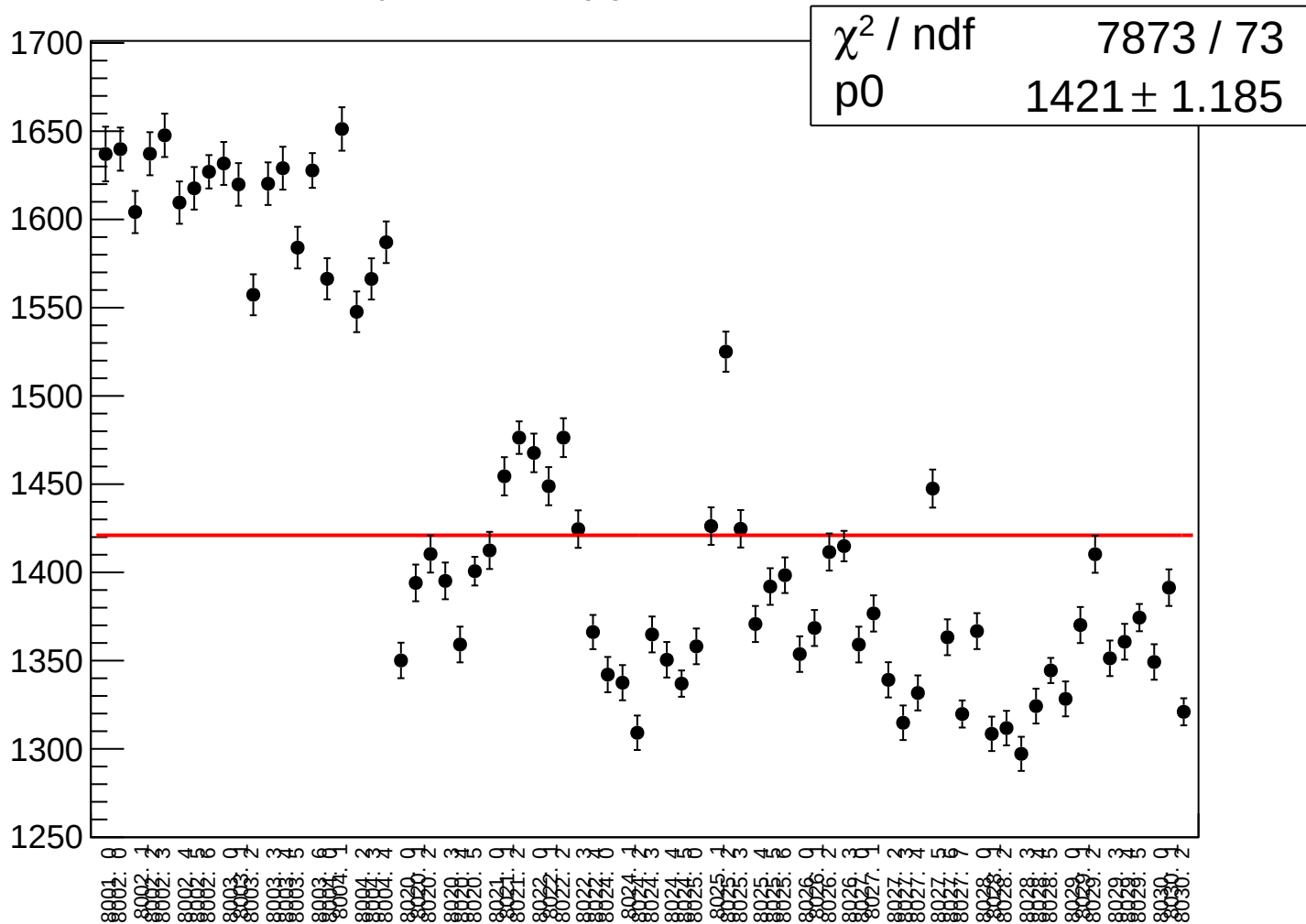
asym\_us\_agg\_avg\_rms vs run



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

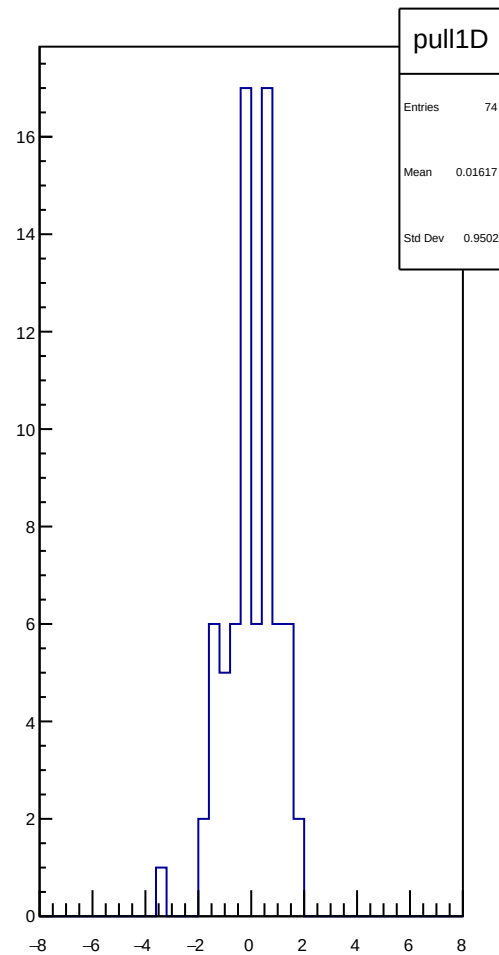
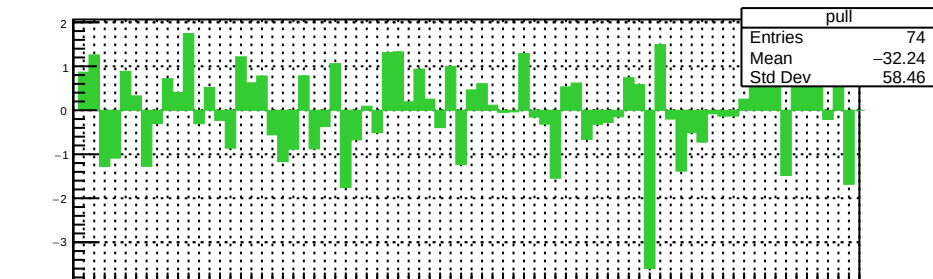
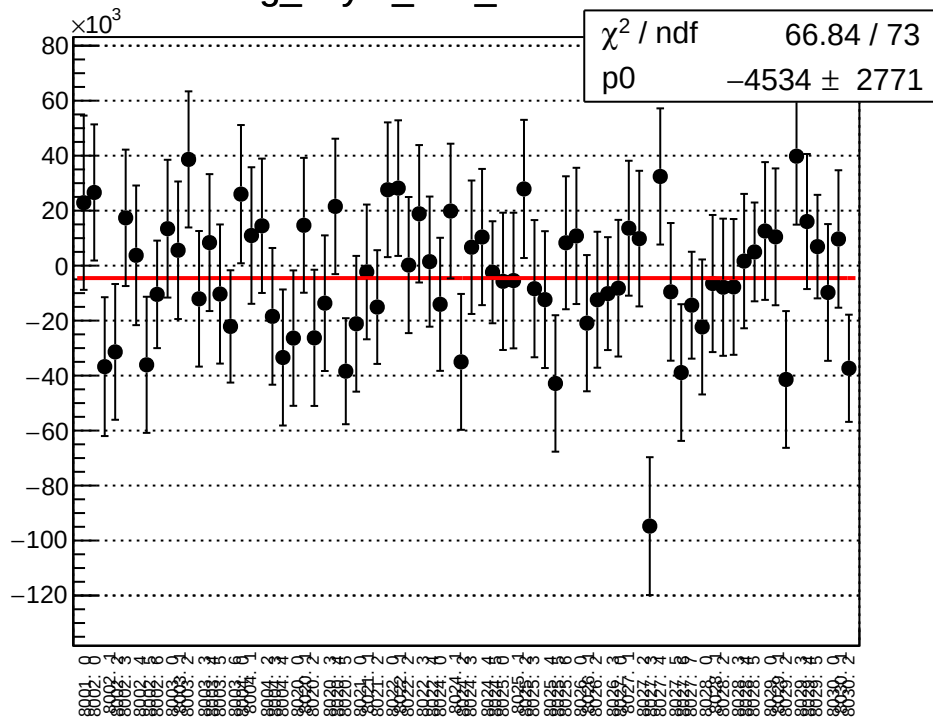


# asym\_us\_agg\_dd\_rms vs run

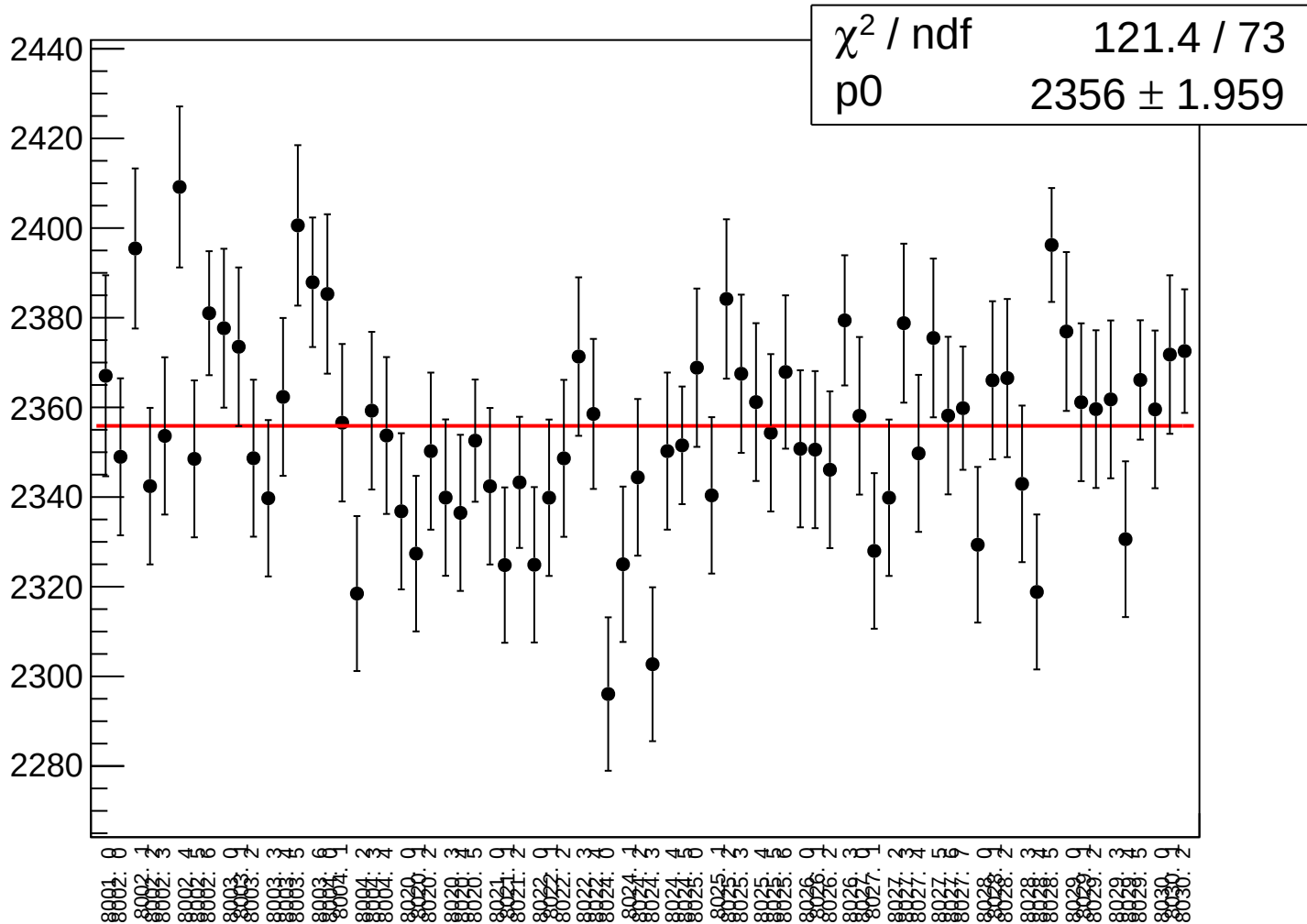




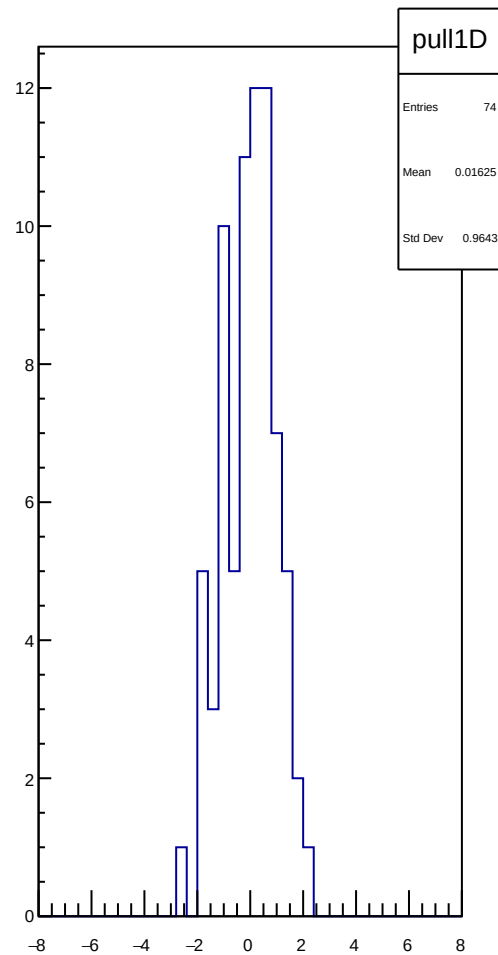
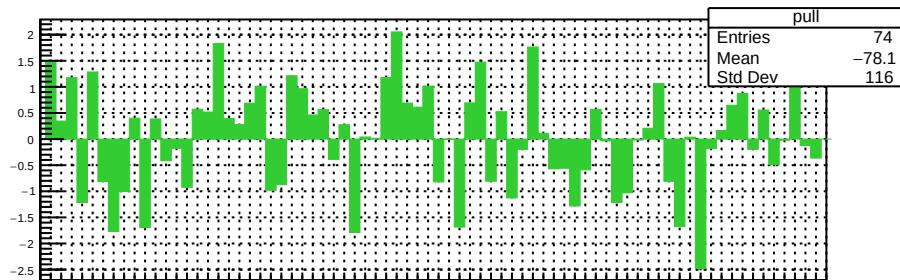
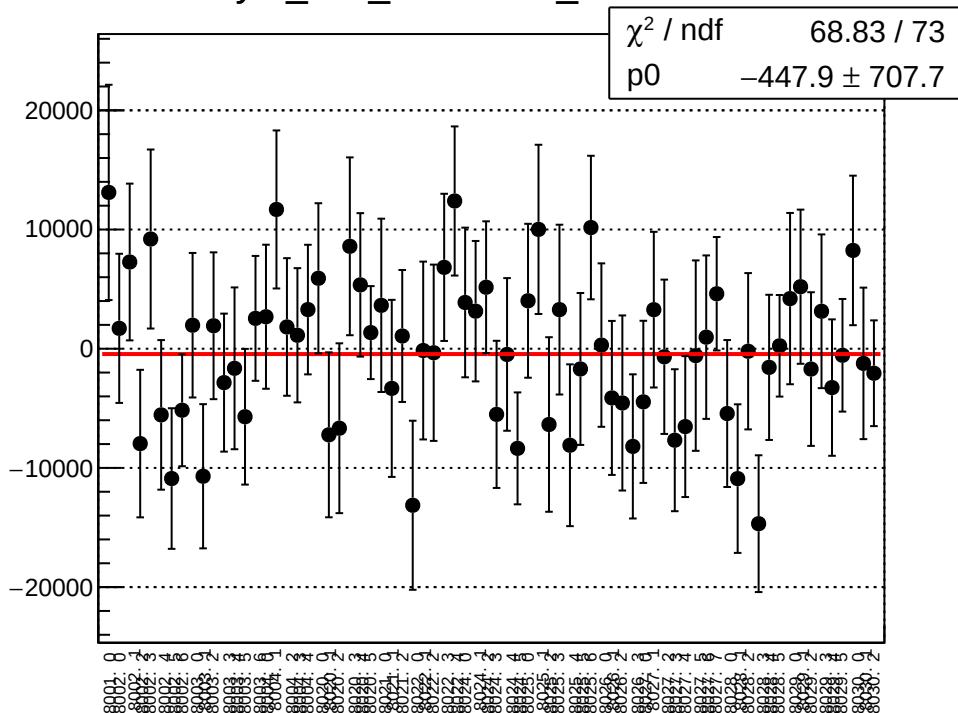
# reg\_asym\_atl1\_mean vs run



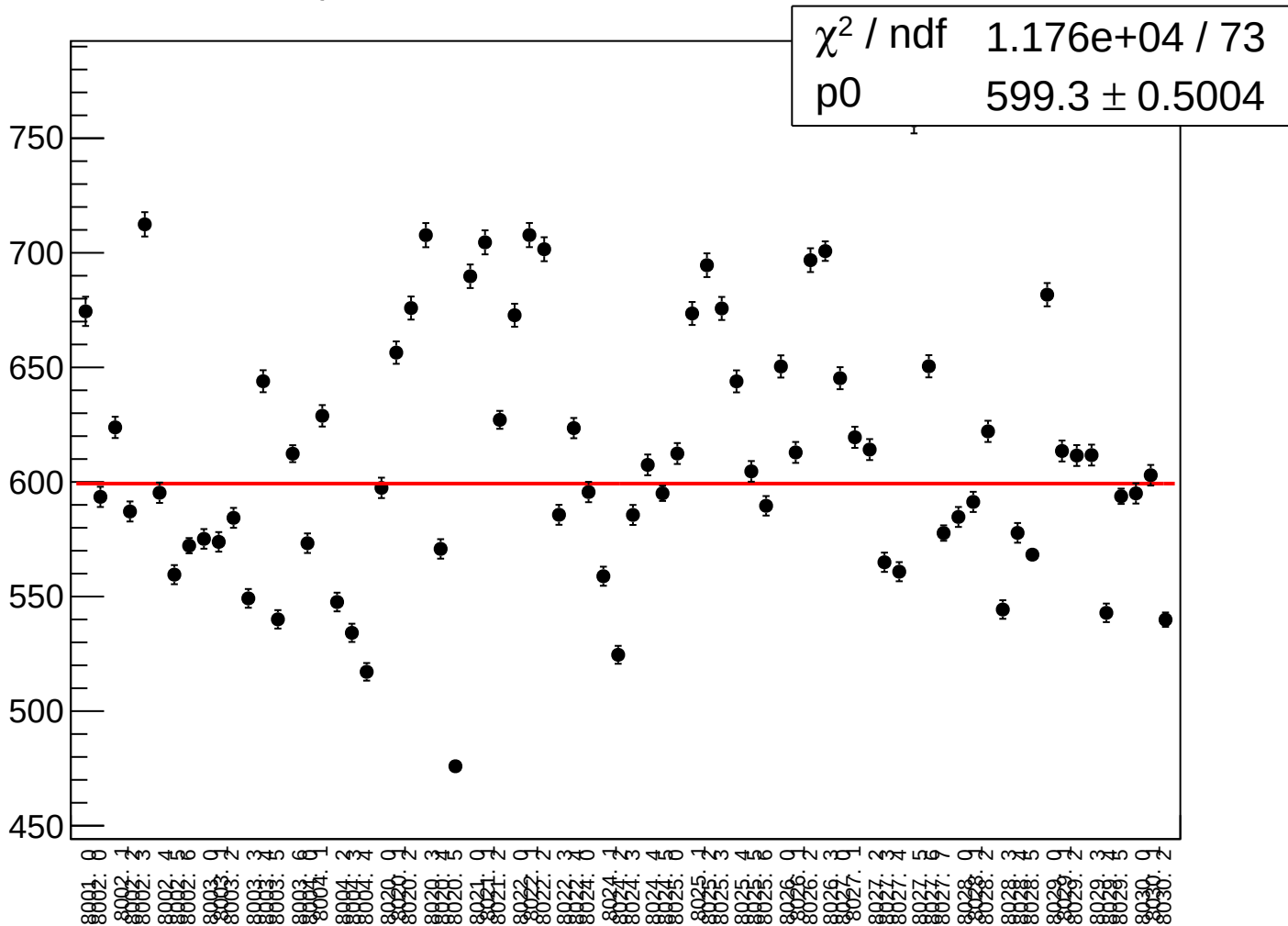
# reg\_asym\_atl1\_rms vs run



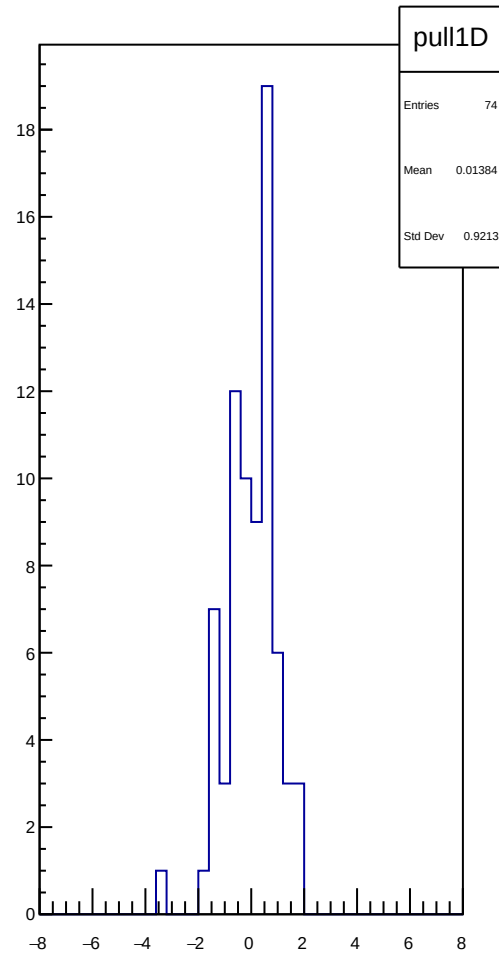
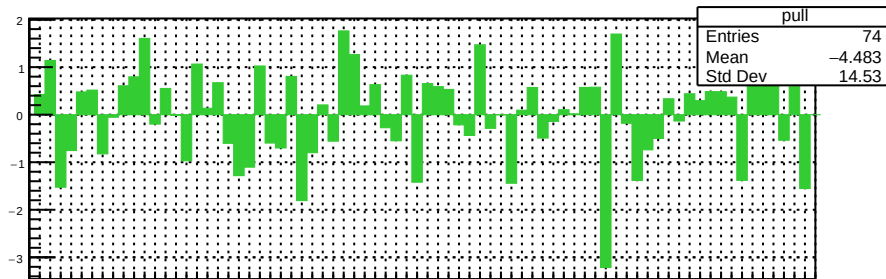
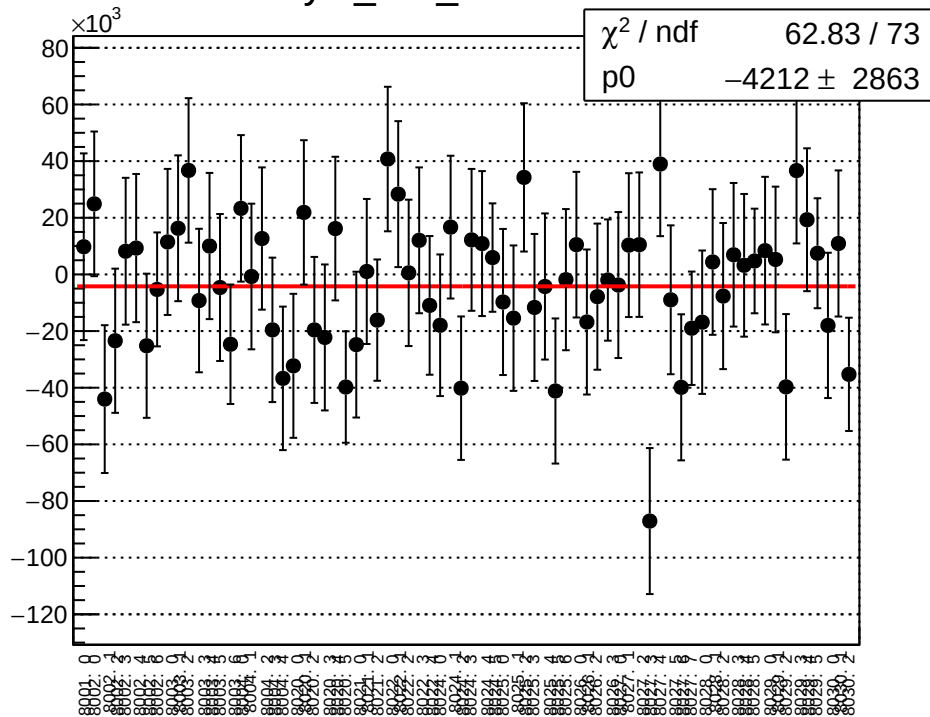
# asym\_atl1\_correction\_mean vs run



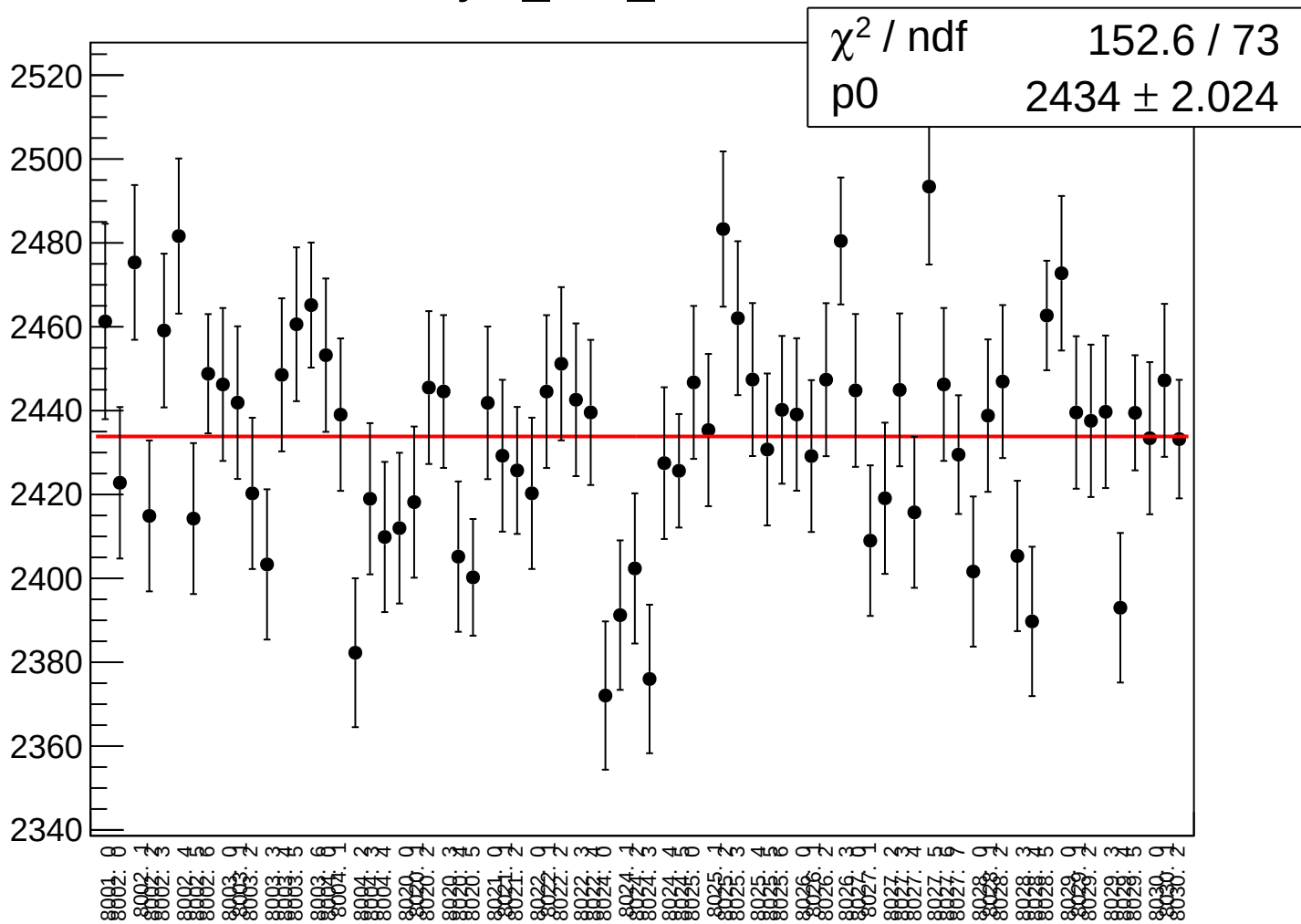
# asym\_atl1\_correction\_rms vs run



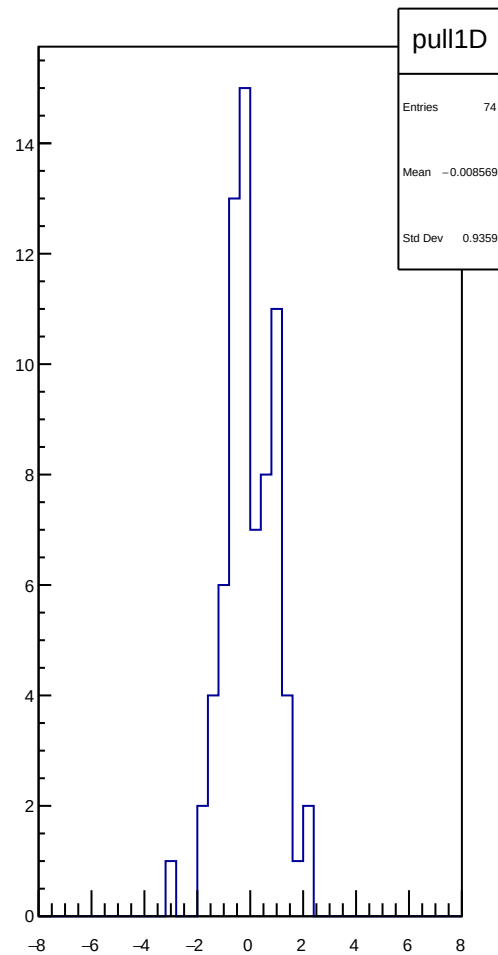
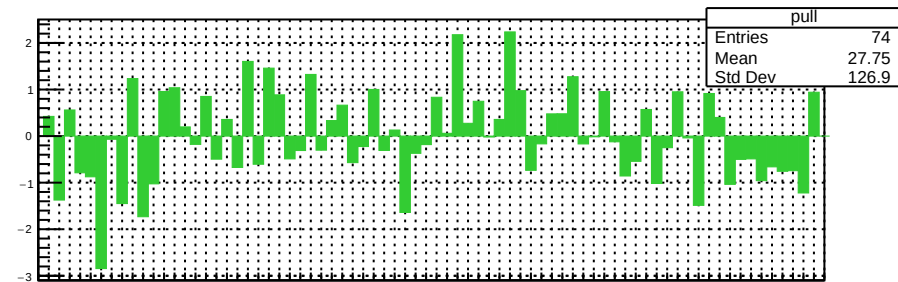
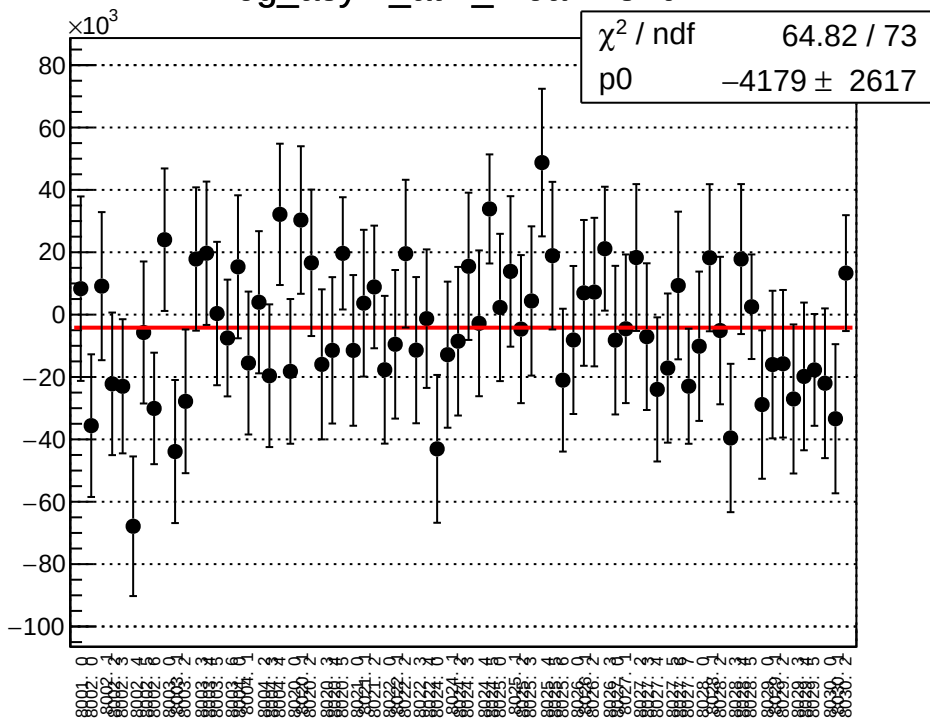
asym\_atl1\_mean vs run



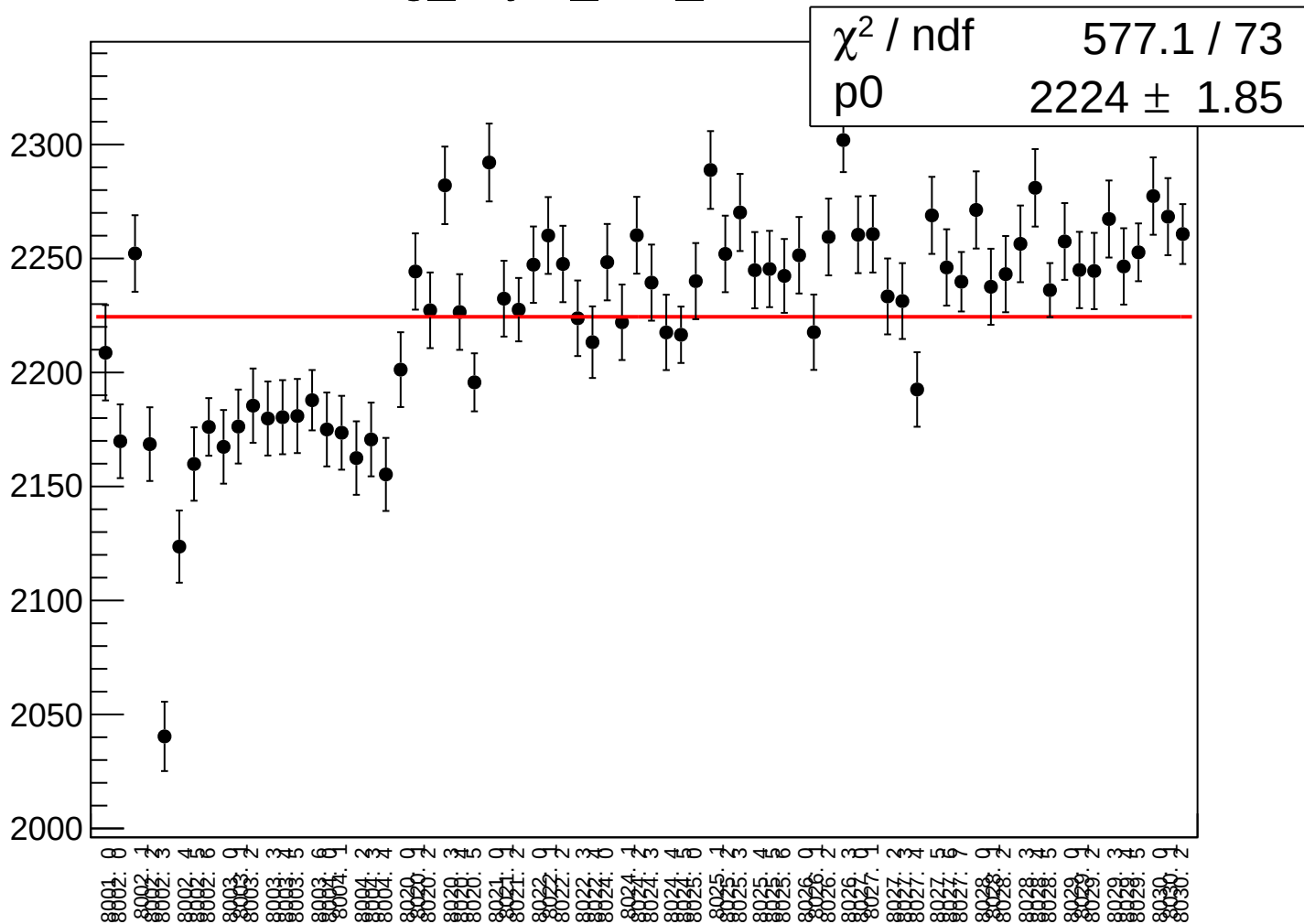
# asym\_atl1\_rms vs run



reg\_asym\_atl2\_mean vs run

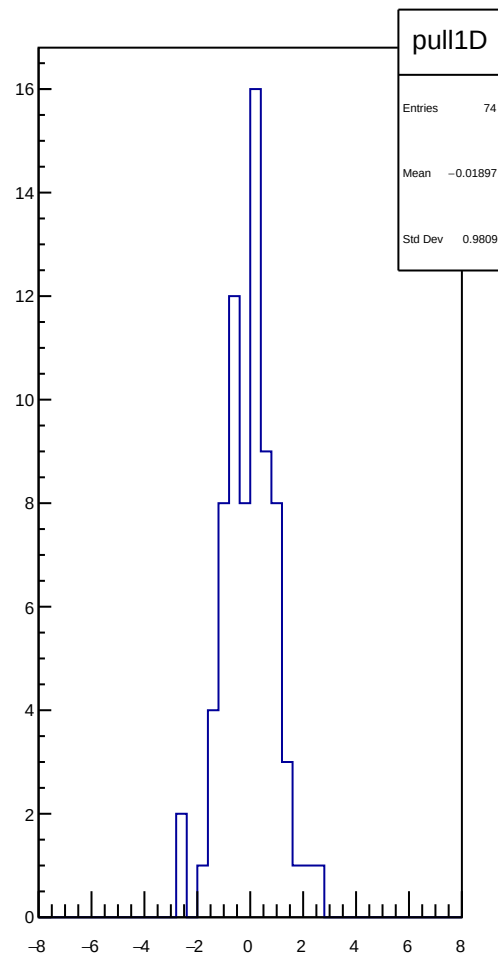
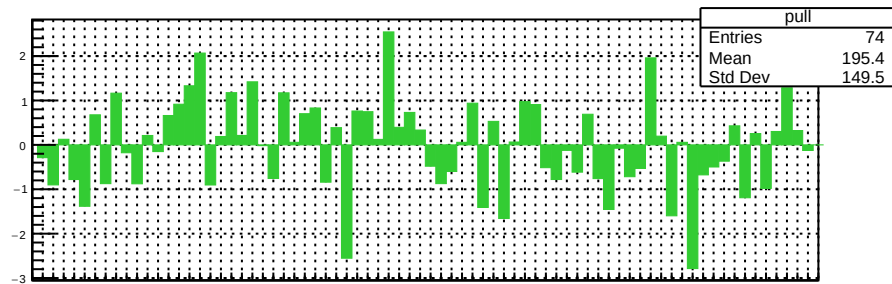
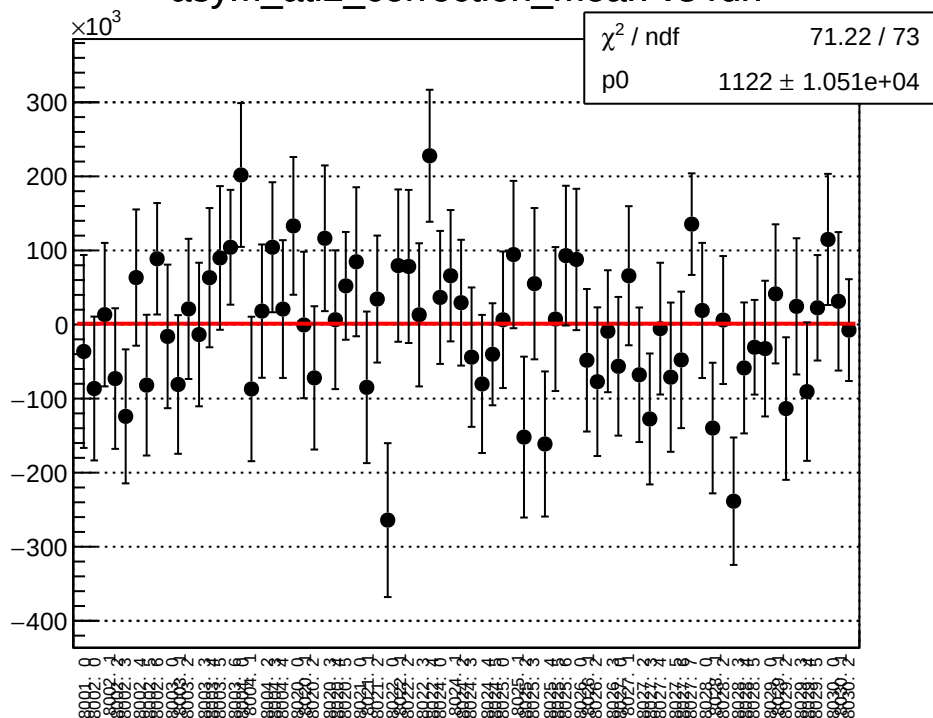


reg\_asym\_atl2\_rms vs run

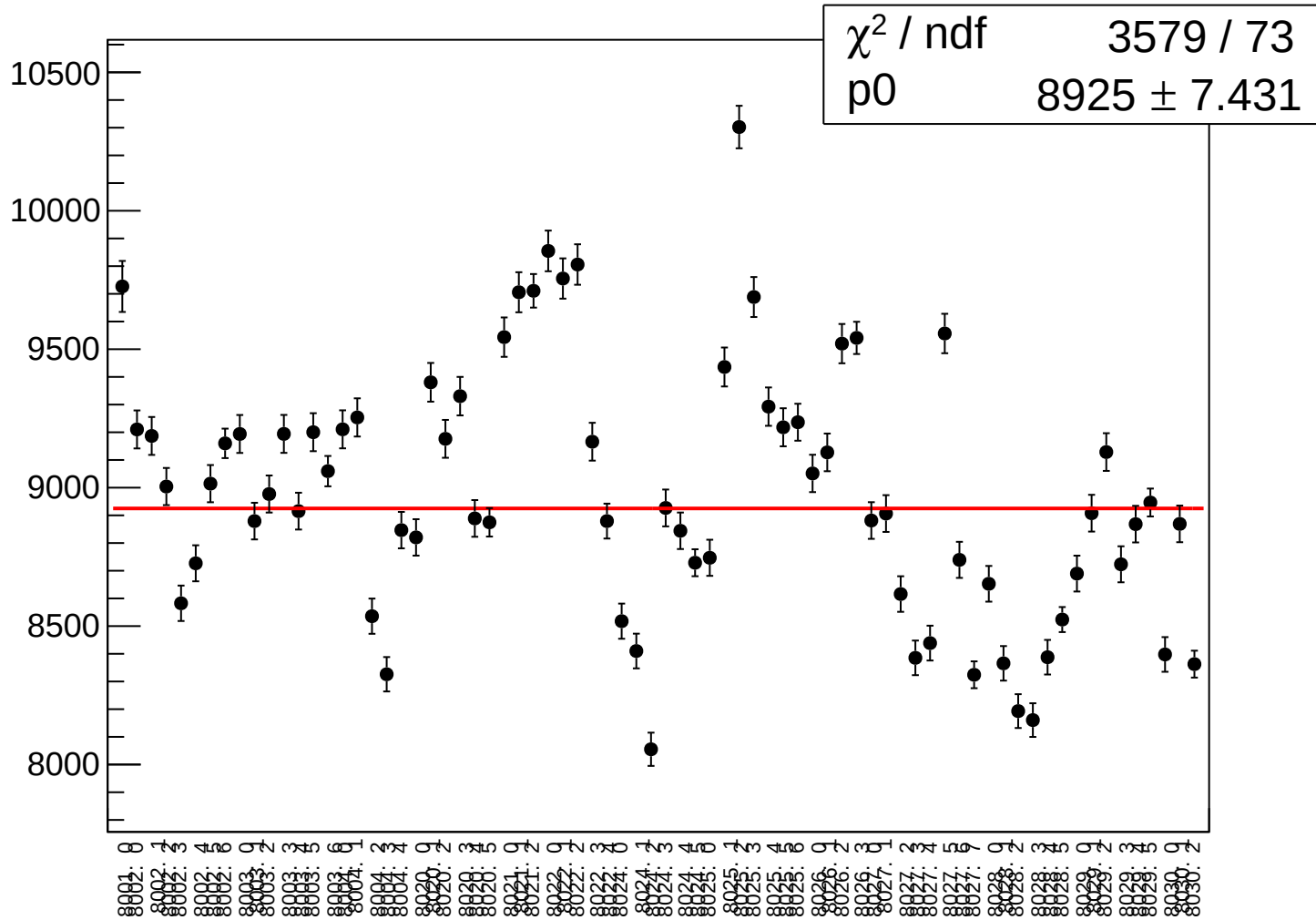




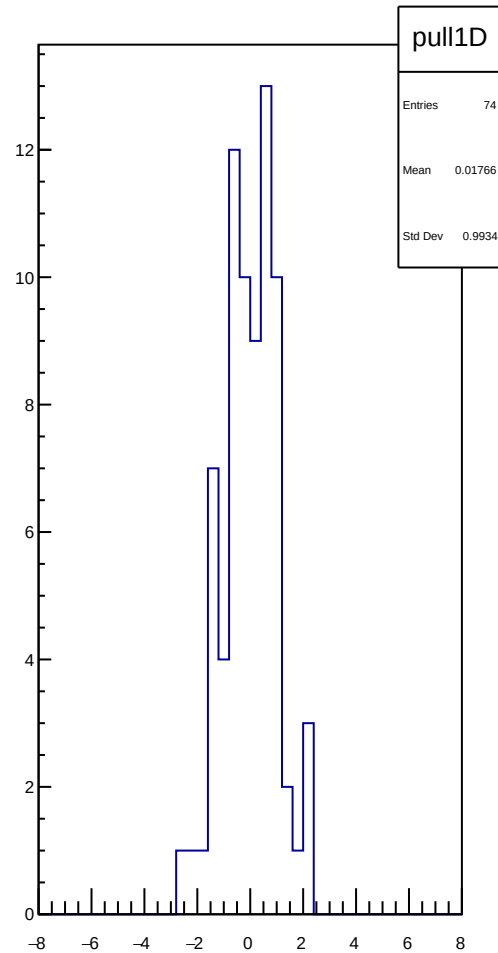
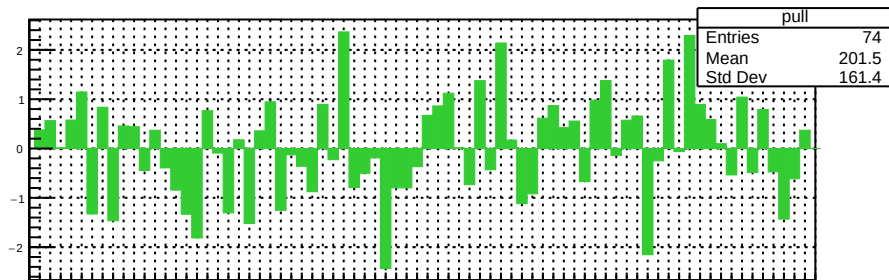
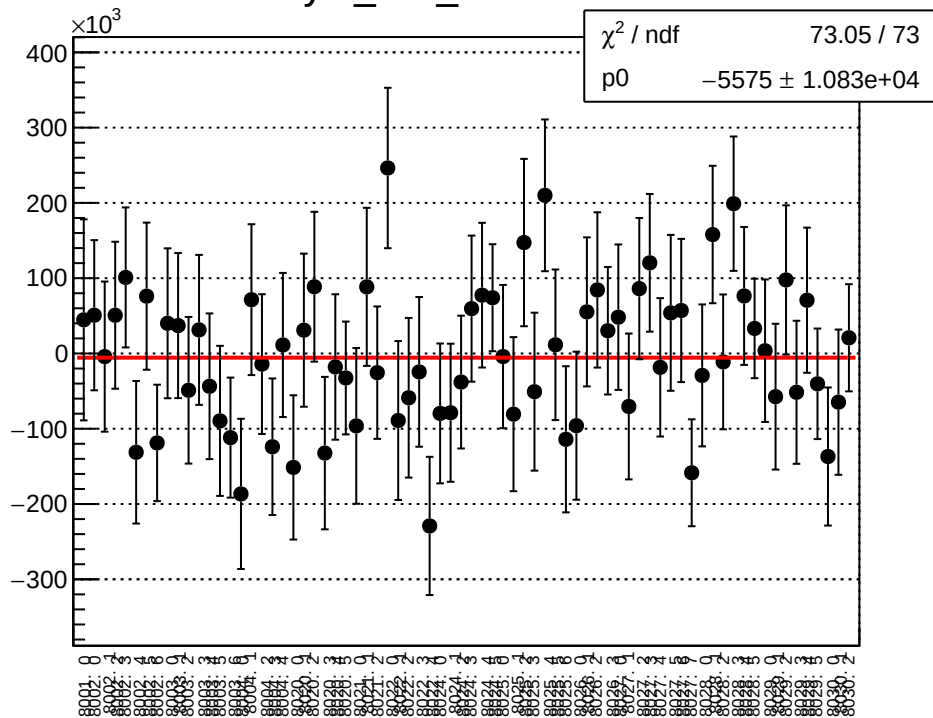
# asym\_atl2\_correction\_mean vs run



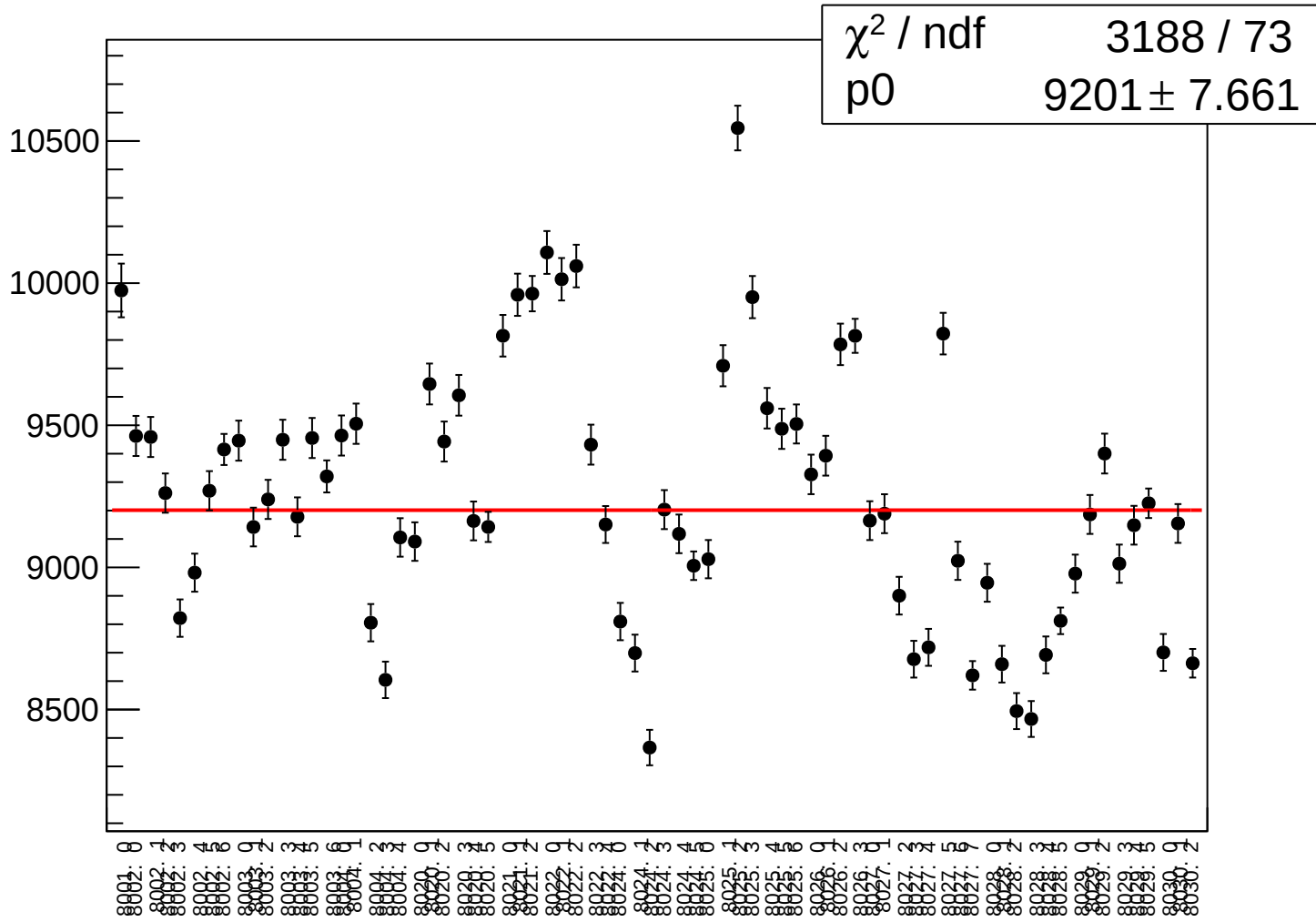
# asym\_atl2\_correction\_rms vs run



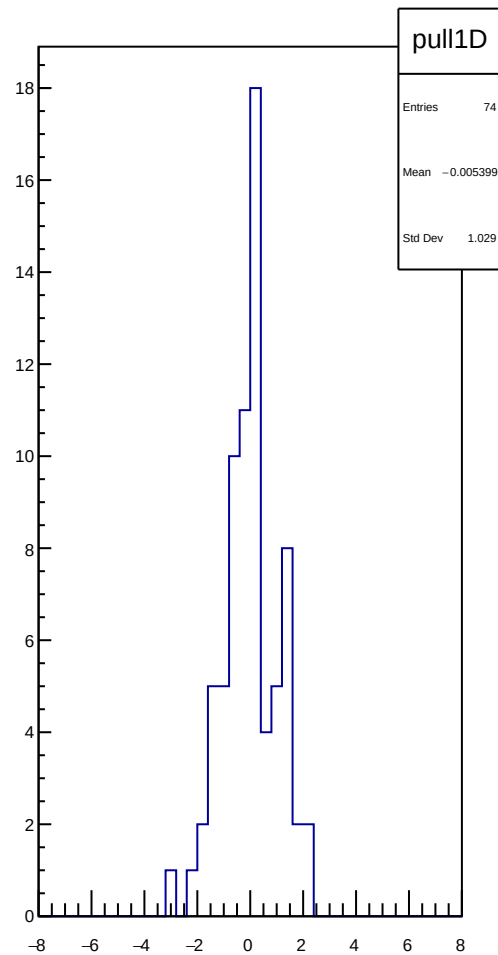
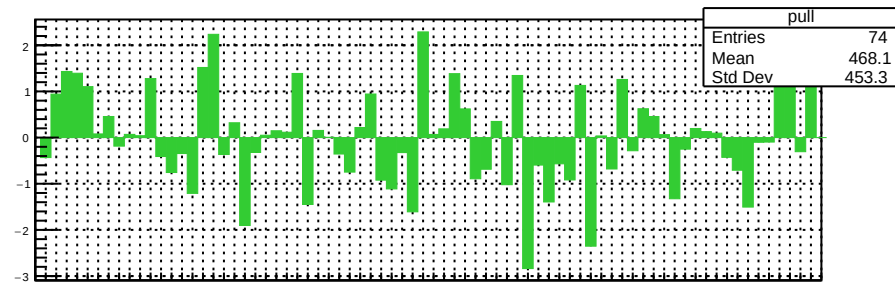
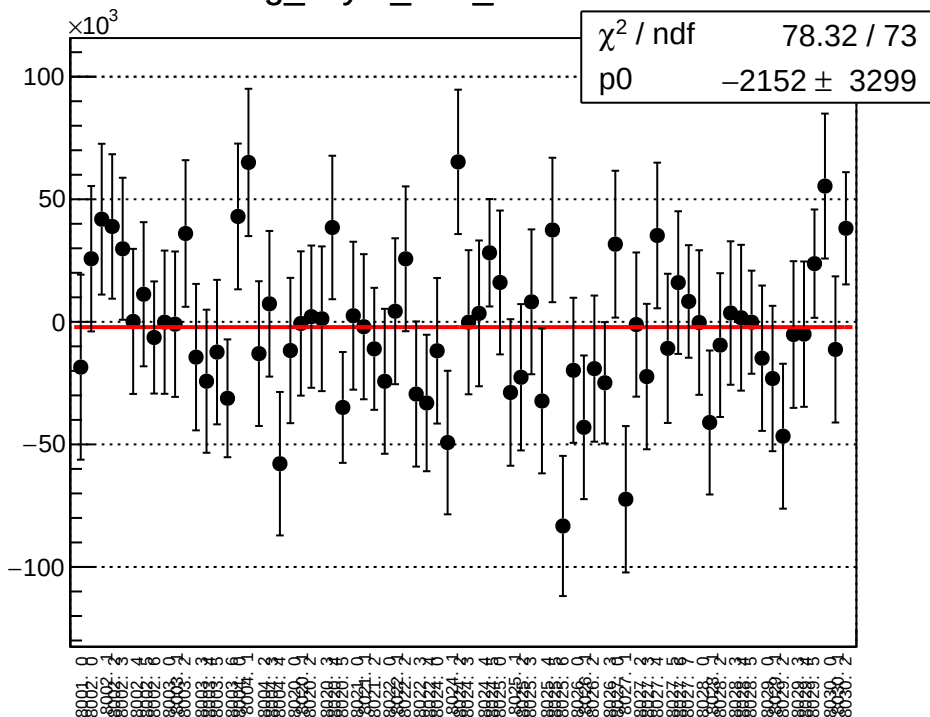
# asym\_atl2\_mean vs run



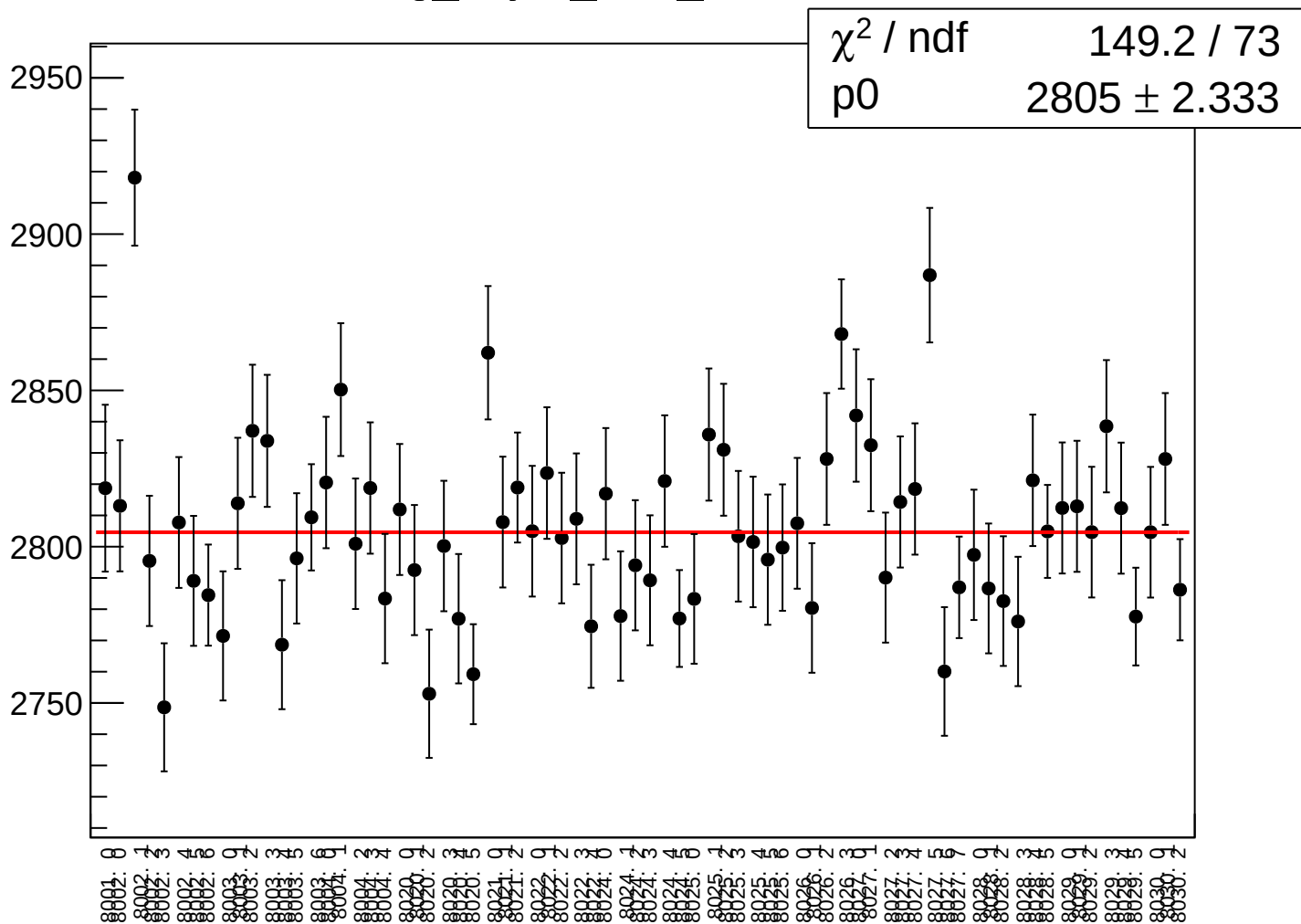
# asym\_atl2\_rms vs run



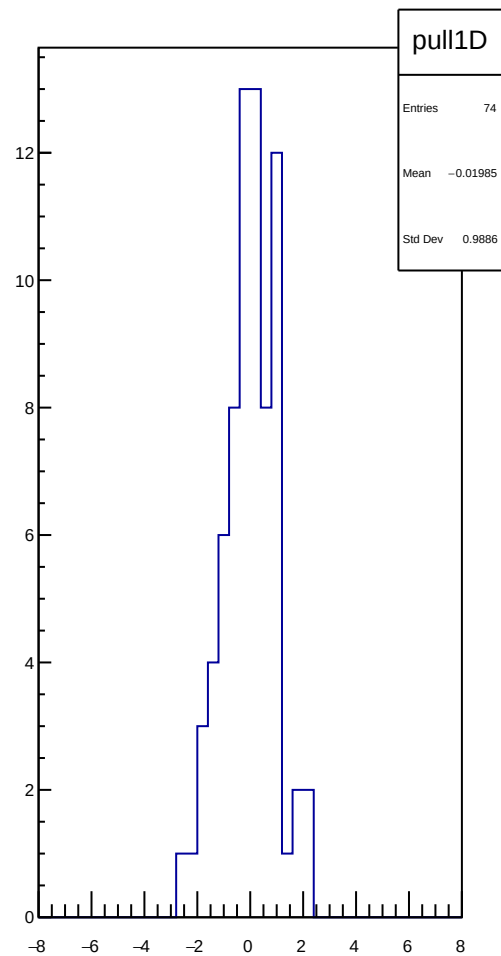
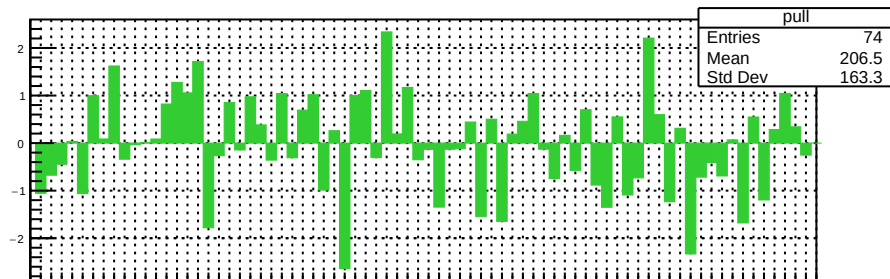
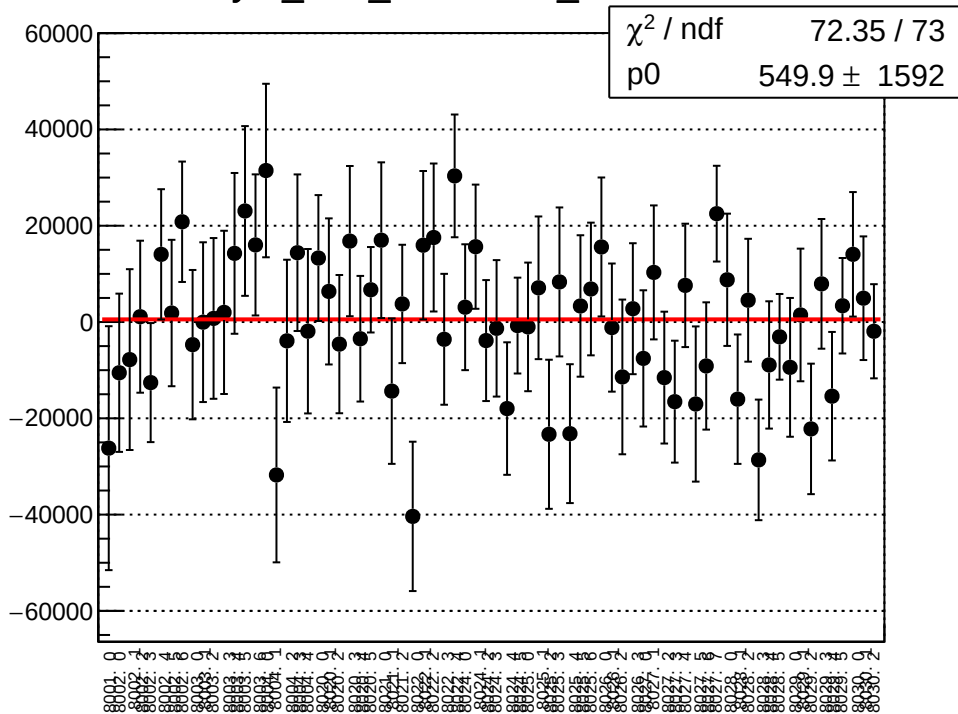
reg\_asym\_atr1\_mean vs run



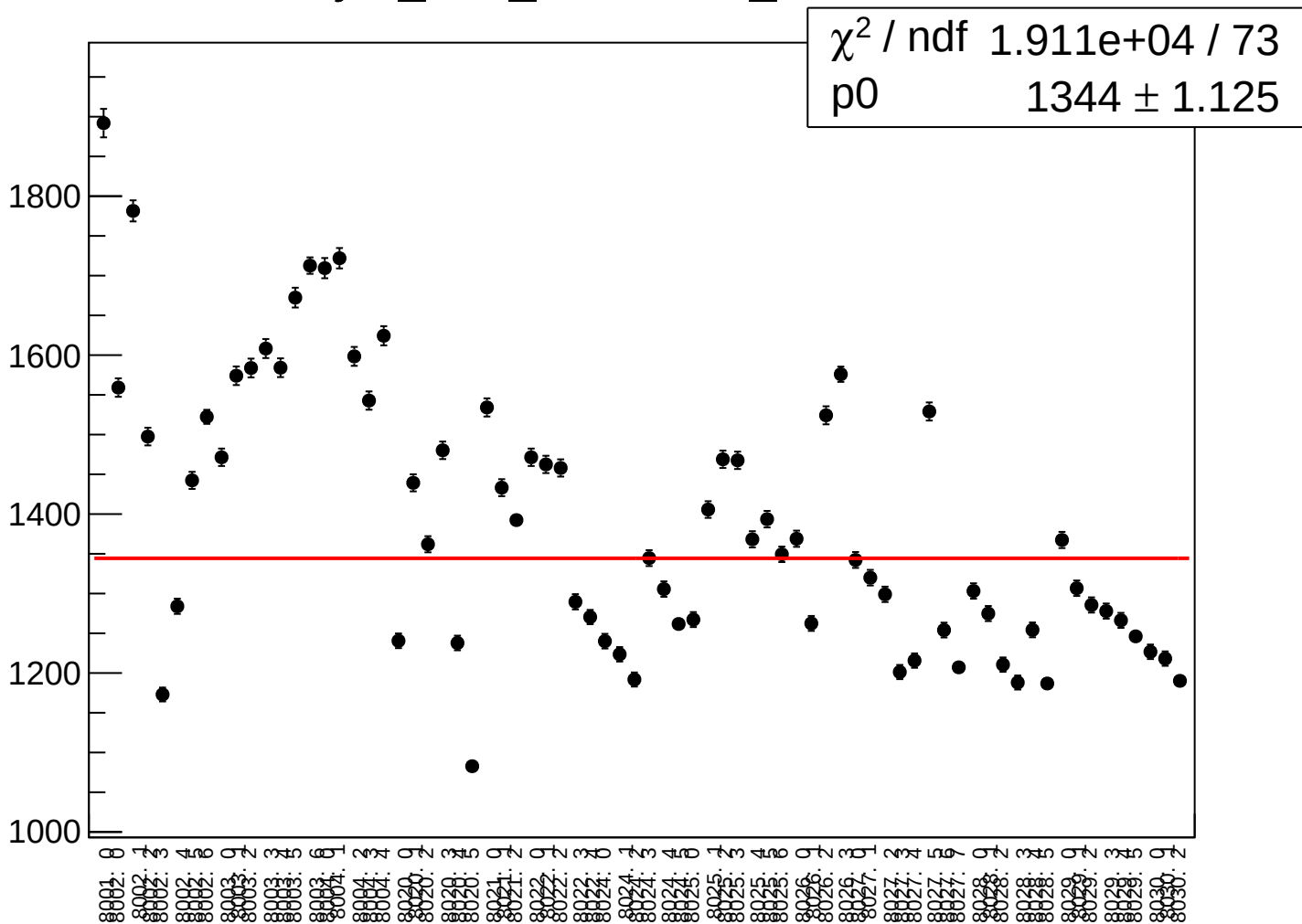
reg\_asym\_atr1\_rms vs run



# asym\_atr1\_correction\_mean vs run

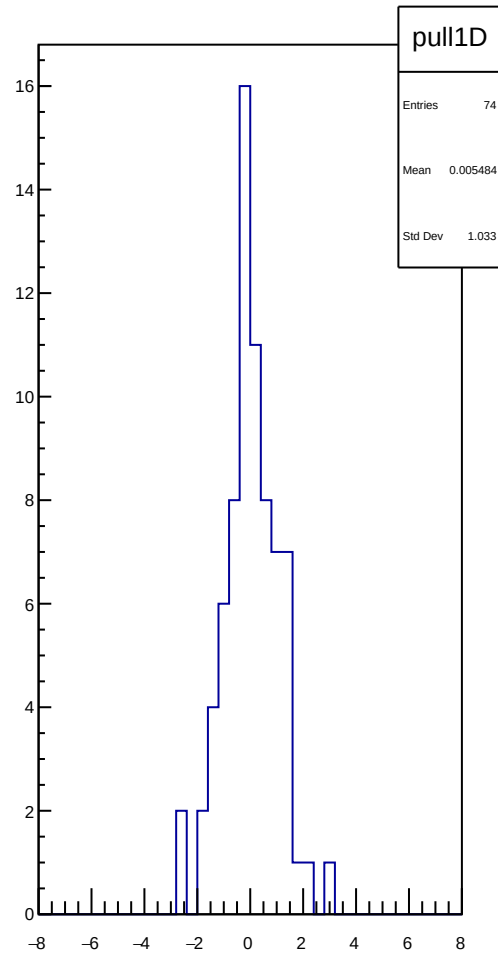
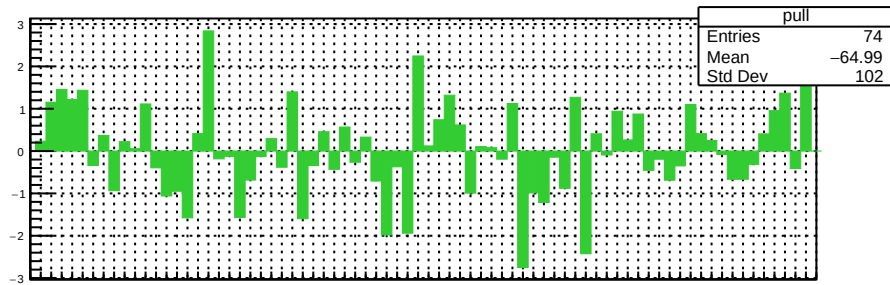
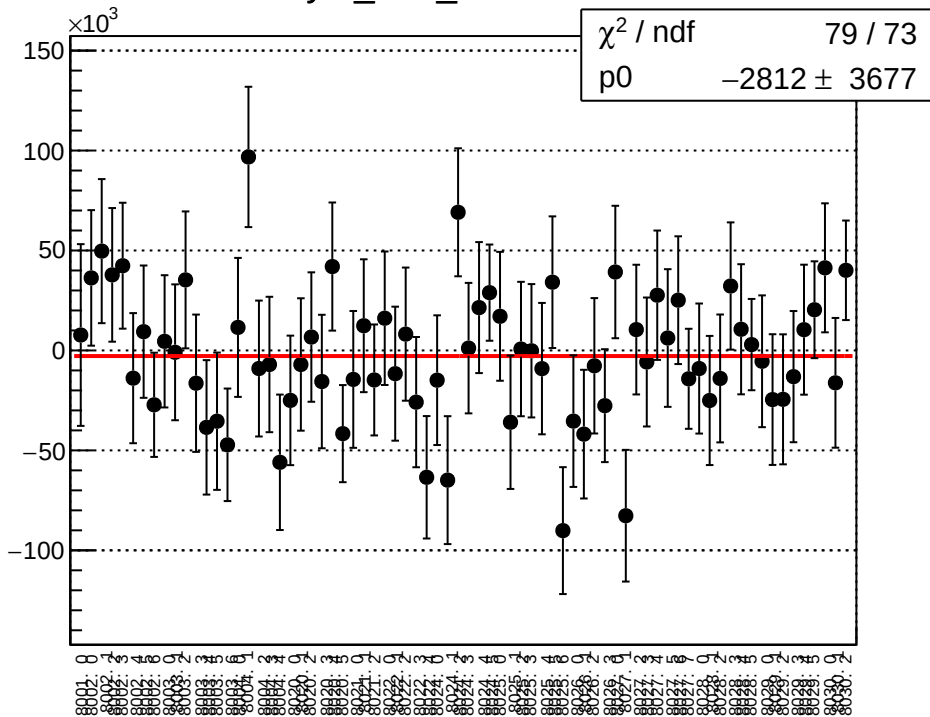


# asym\_atr1\_correction\_rms vs run

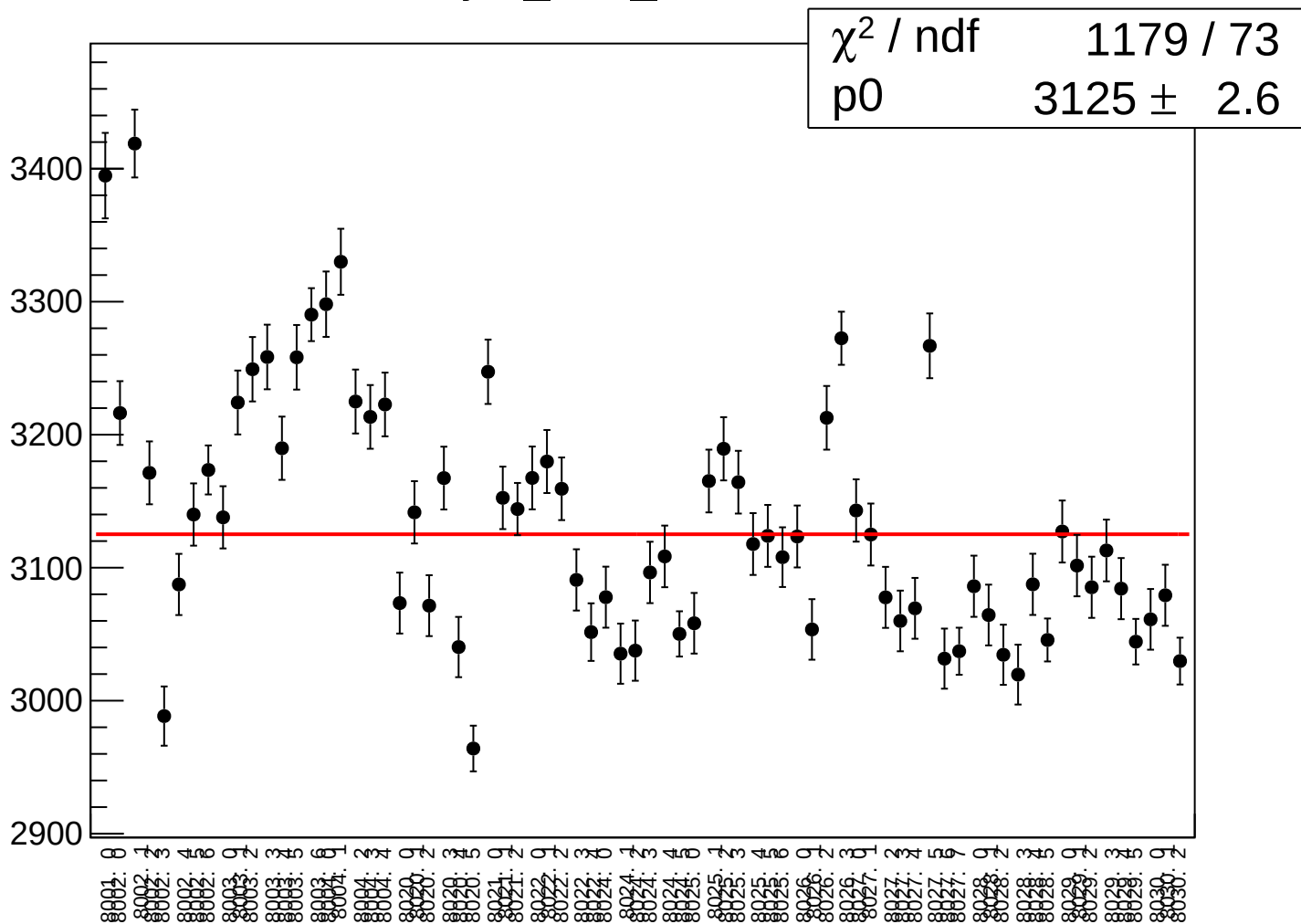




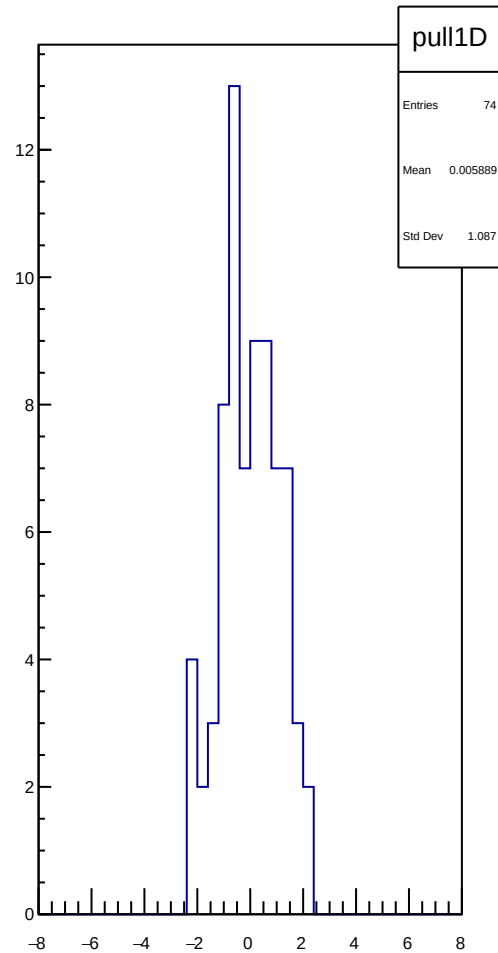
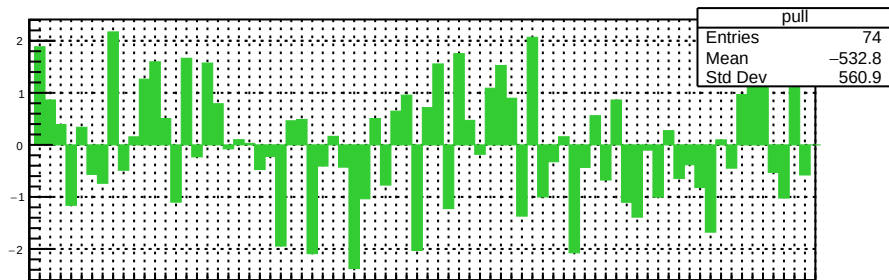
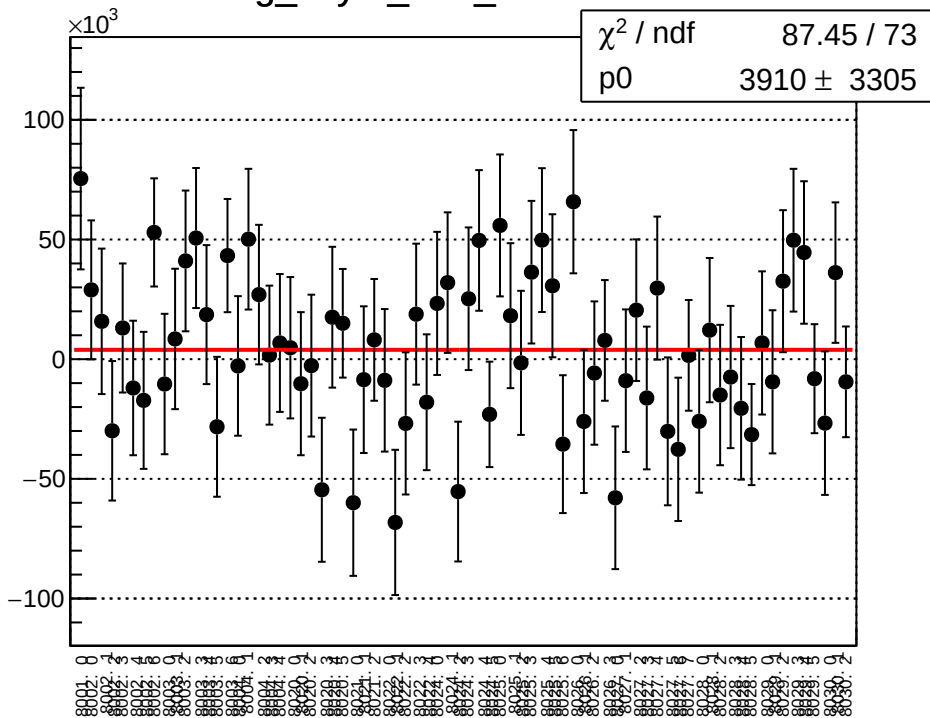
asym\_atr1\_mean vs run



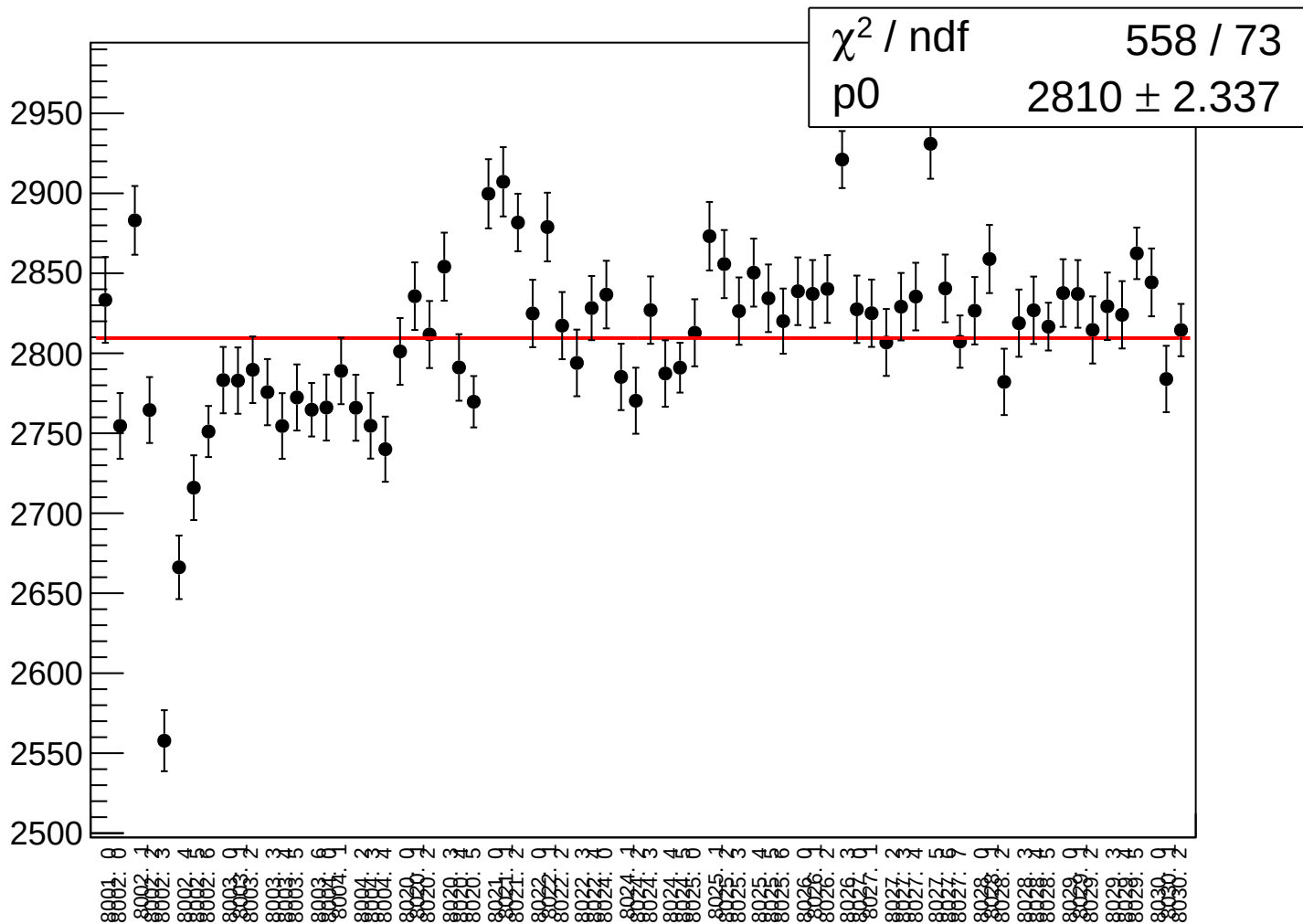
asym\_atr1\_rms vs run



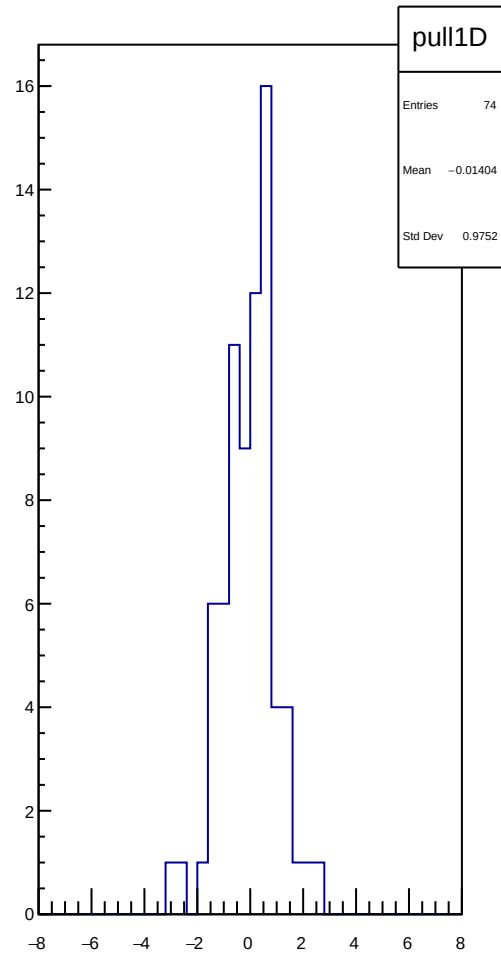
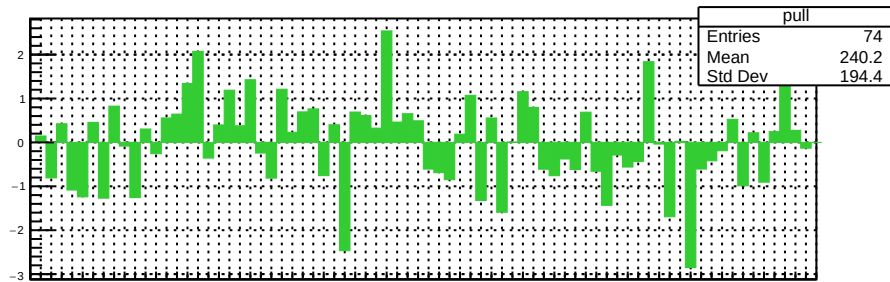
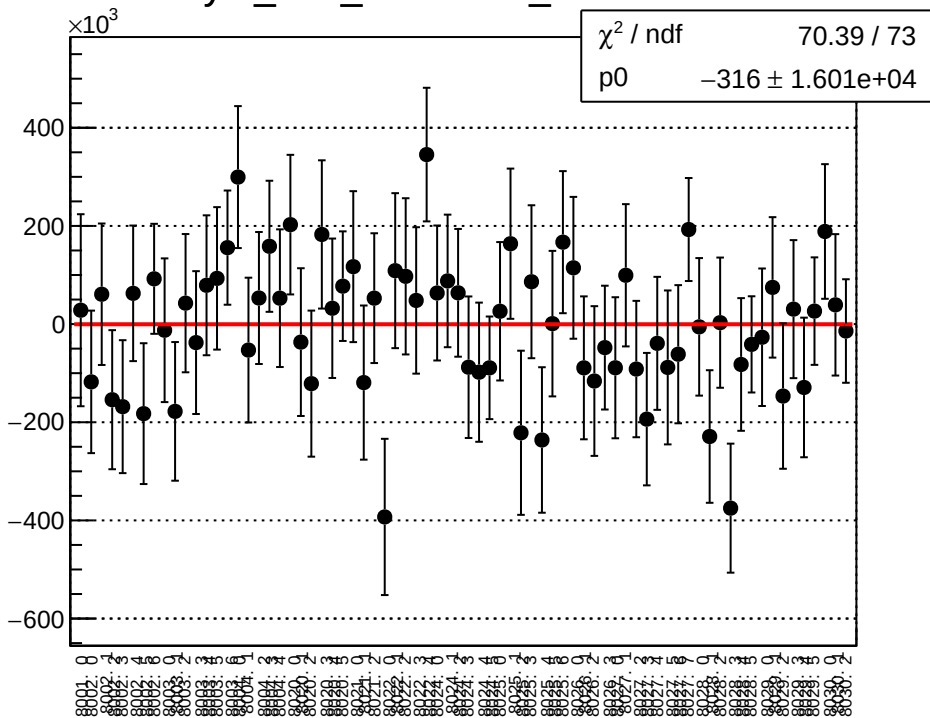
# reg\_asym\_atr2\_mean vs run



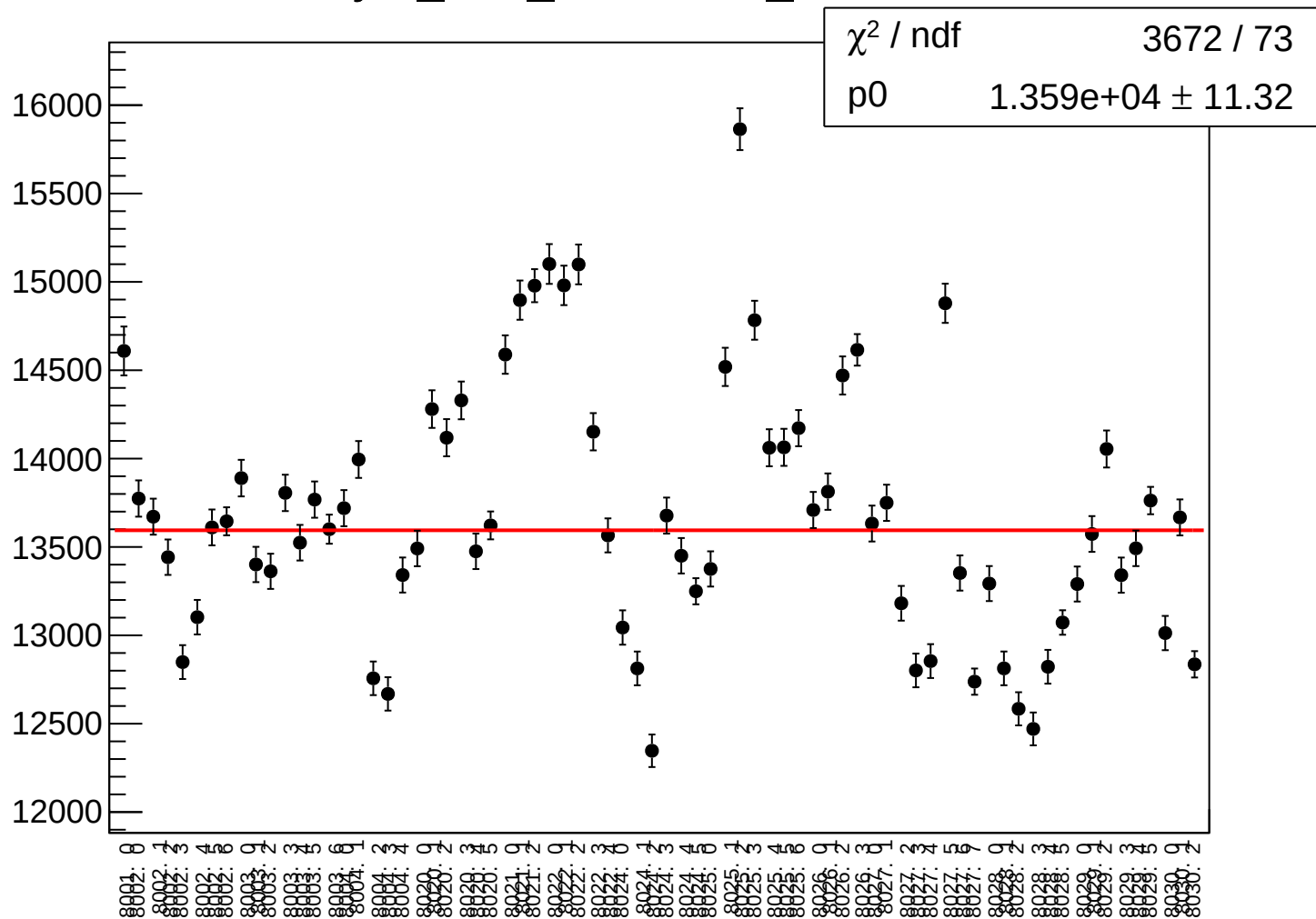
# reg\_asym\_atr2\_rms vs run



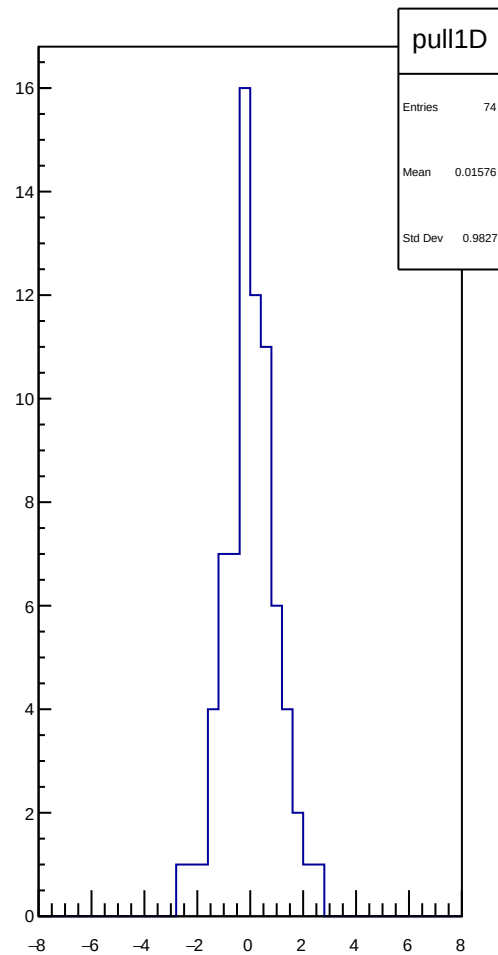
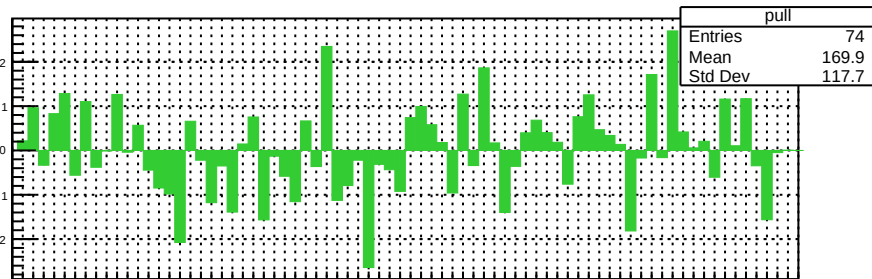
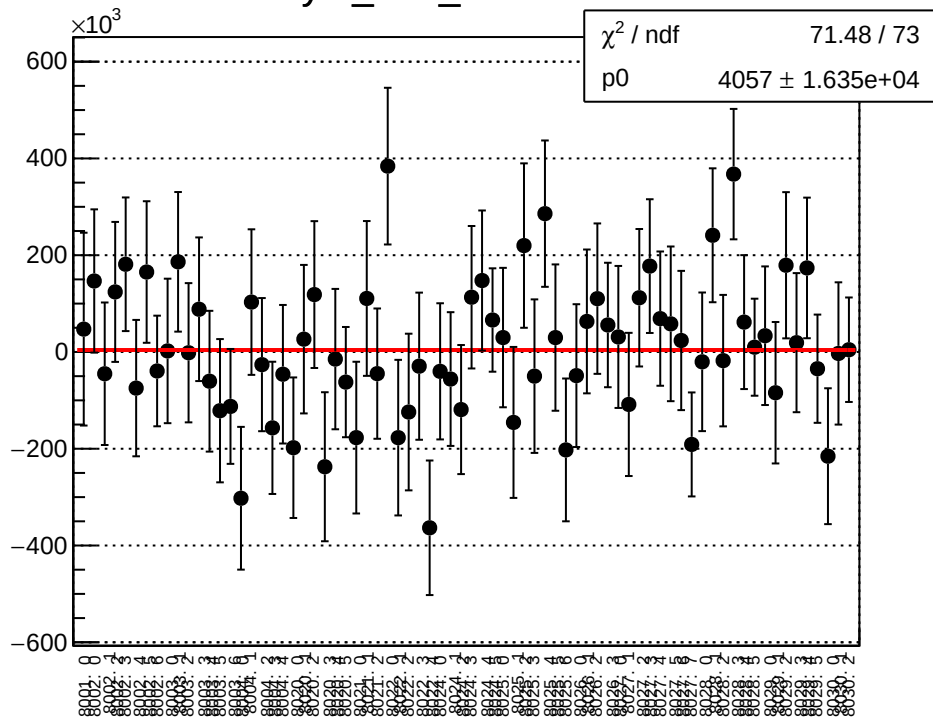
# asym\_atr2\_correction\_mean vs run



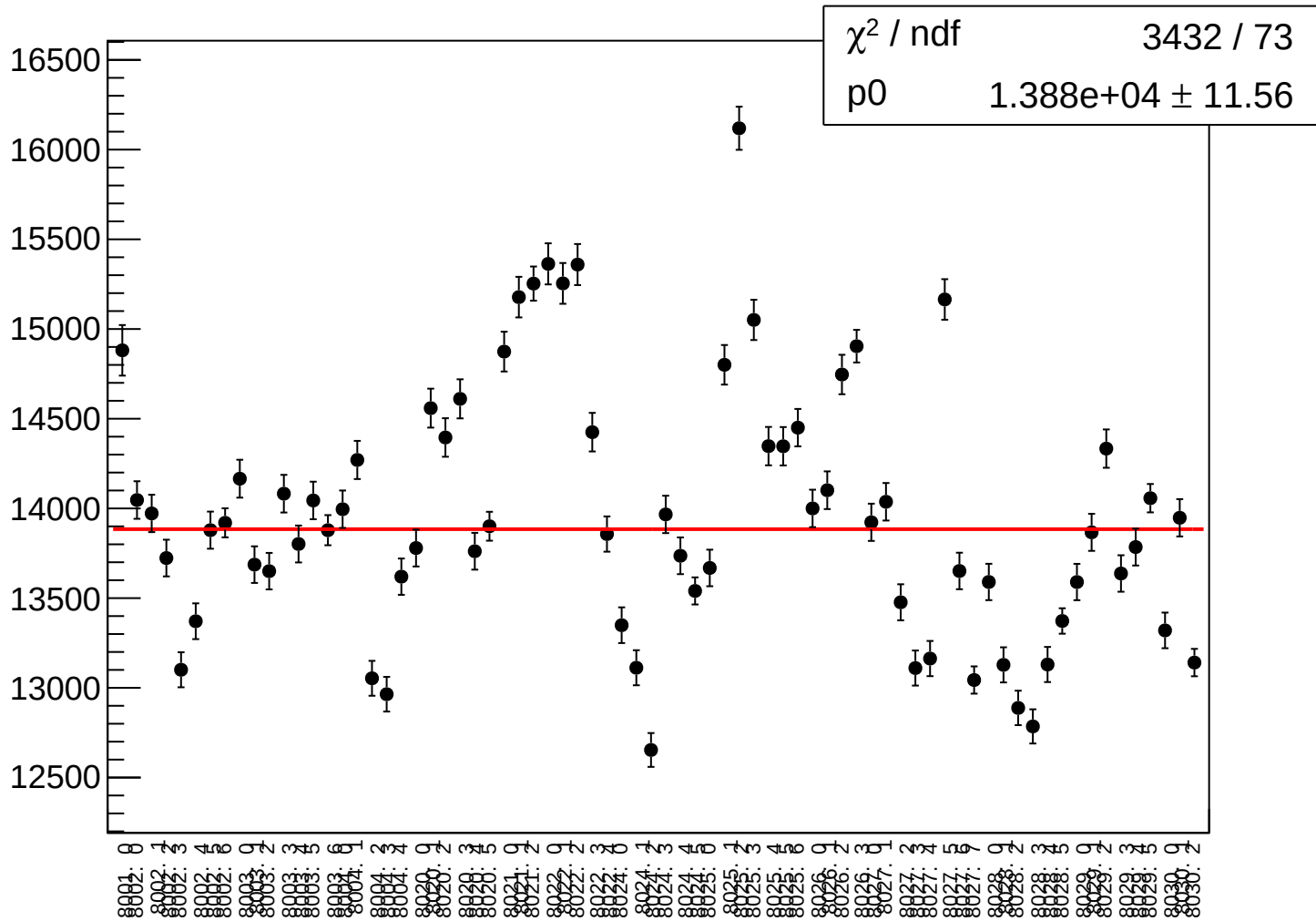
# asym\_atr2\_correction\_rms vs run



asym\_atr2\_mean vs run

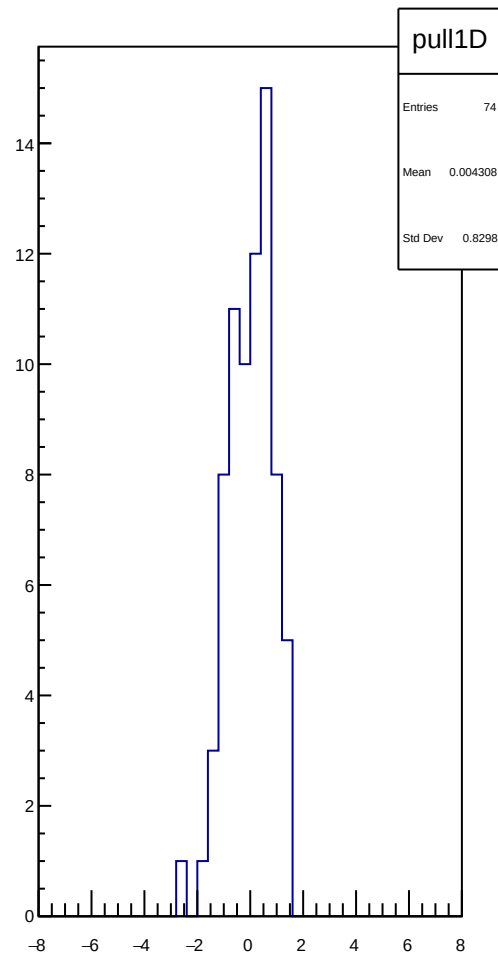
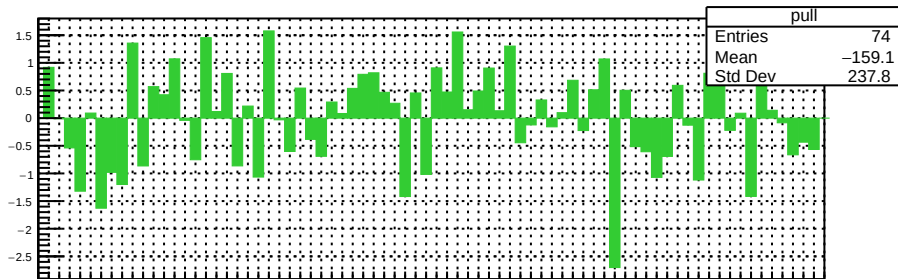
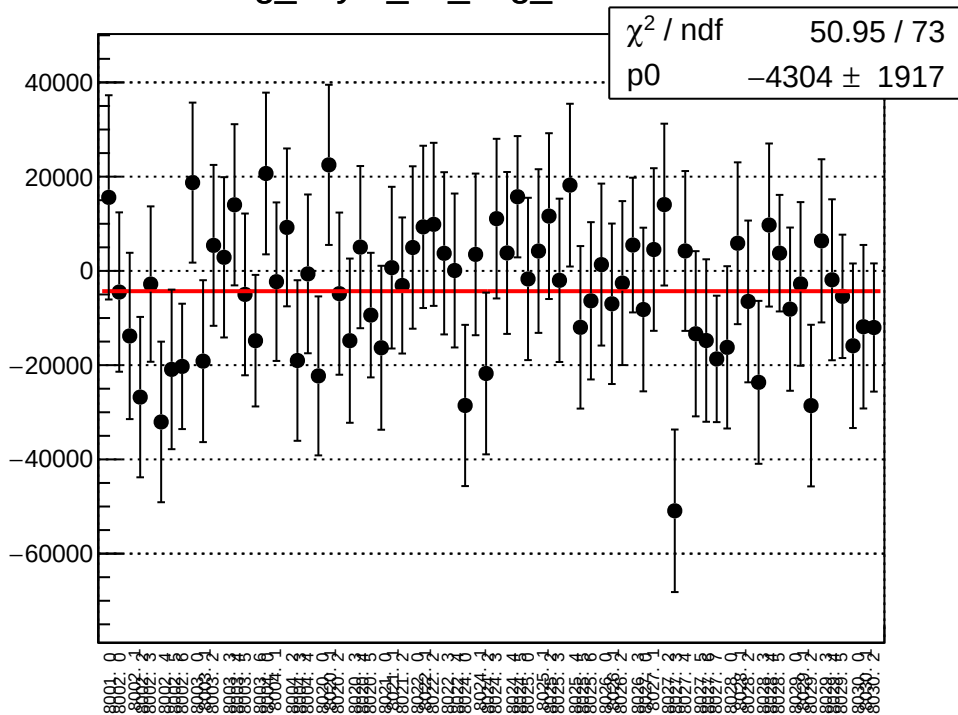


# asym\_atr2\_rms vs run

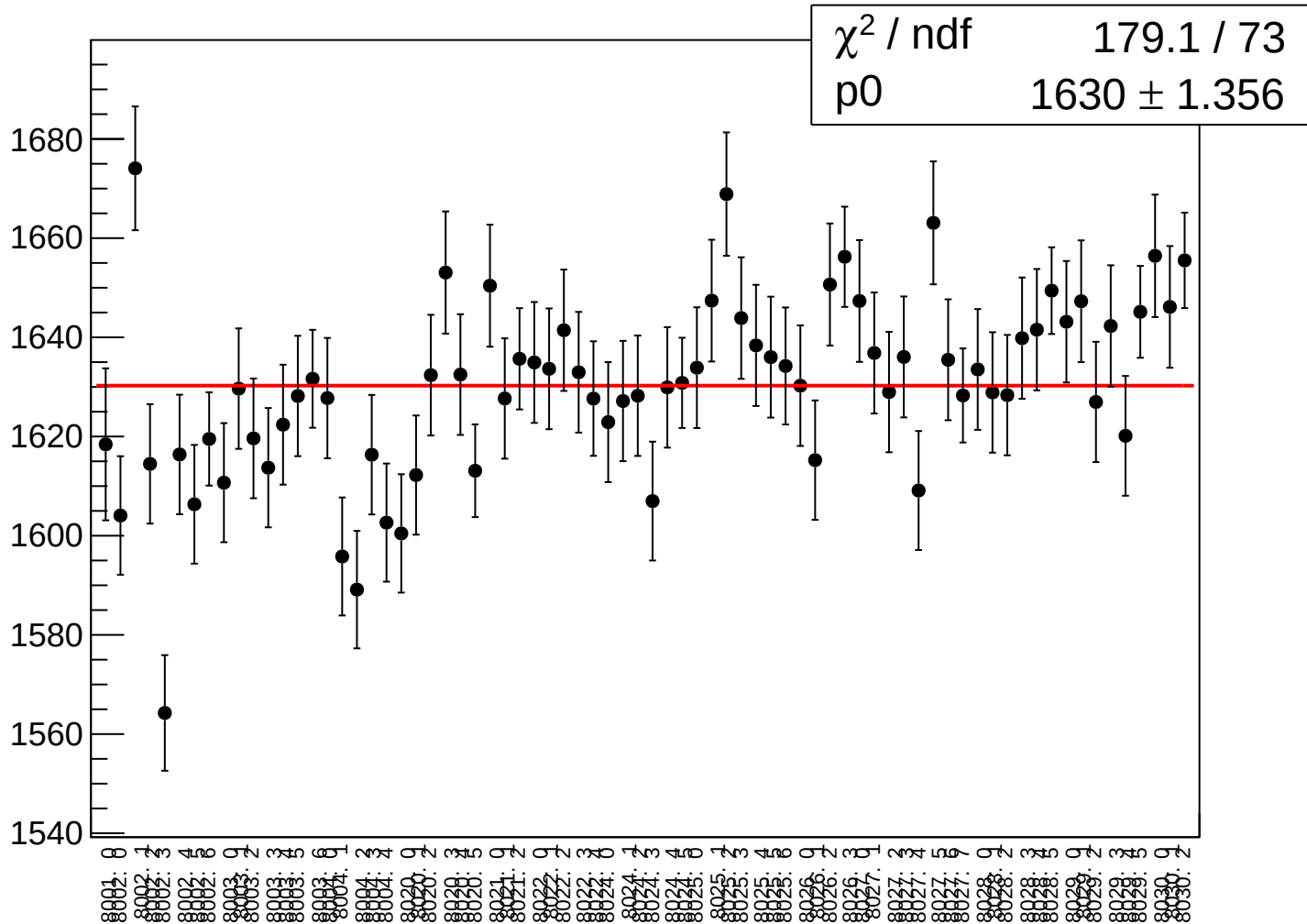




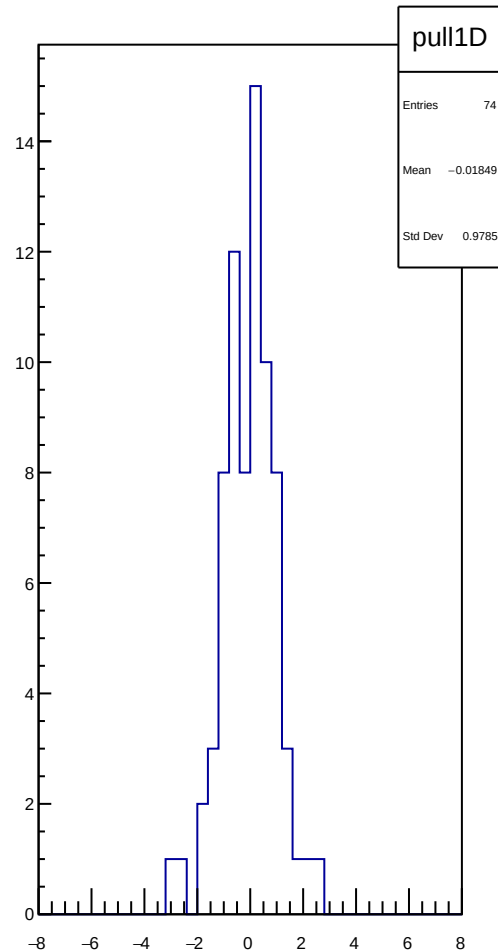
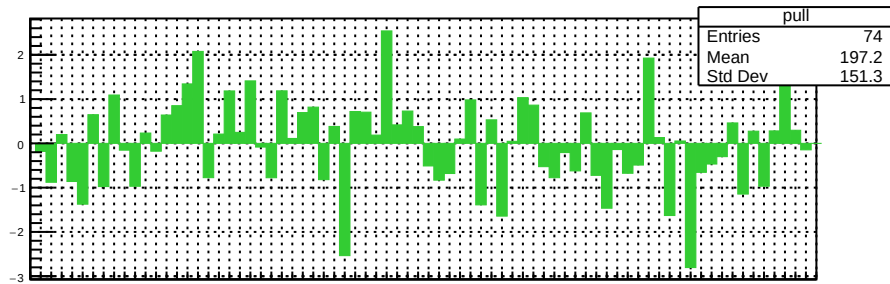
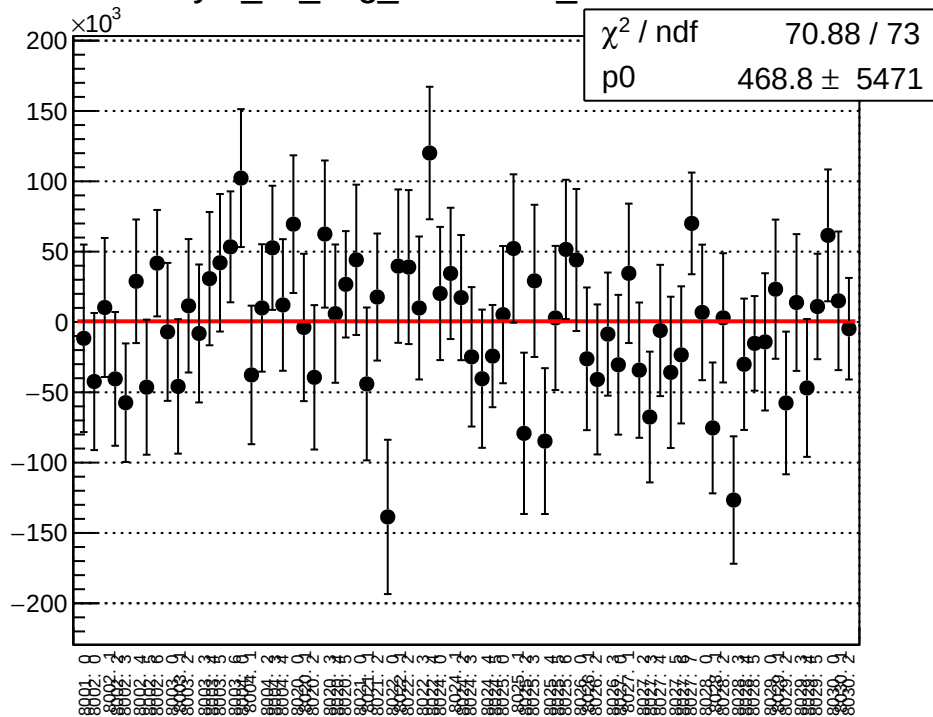
# reg\_asym\_atl\_avg\_mean vs run



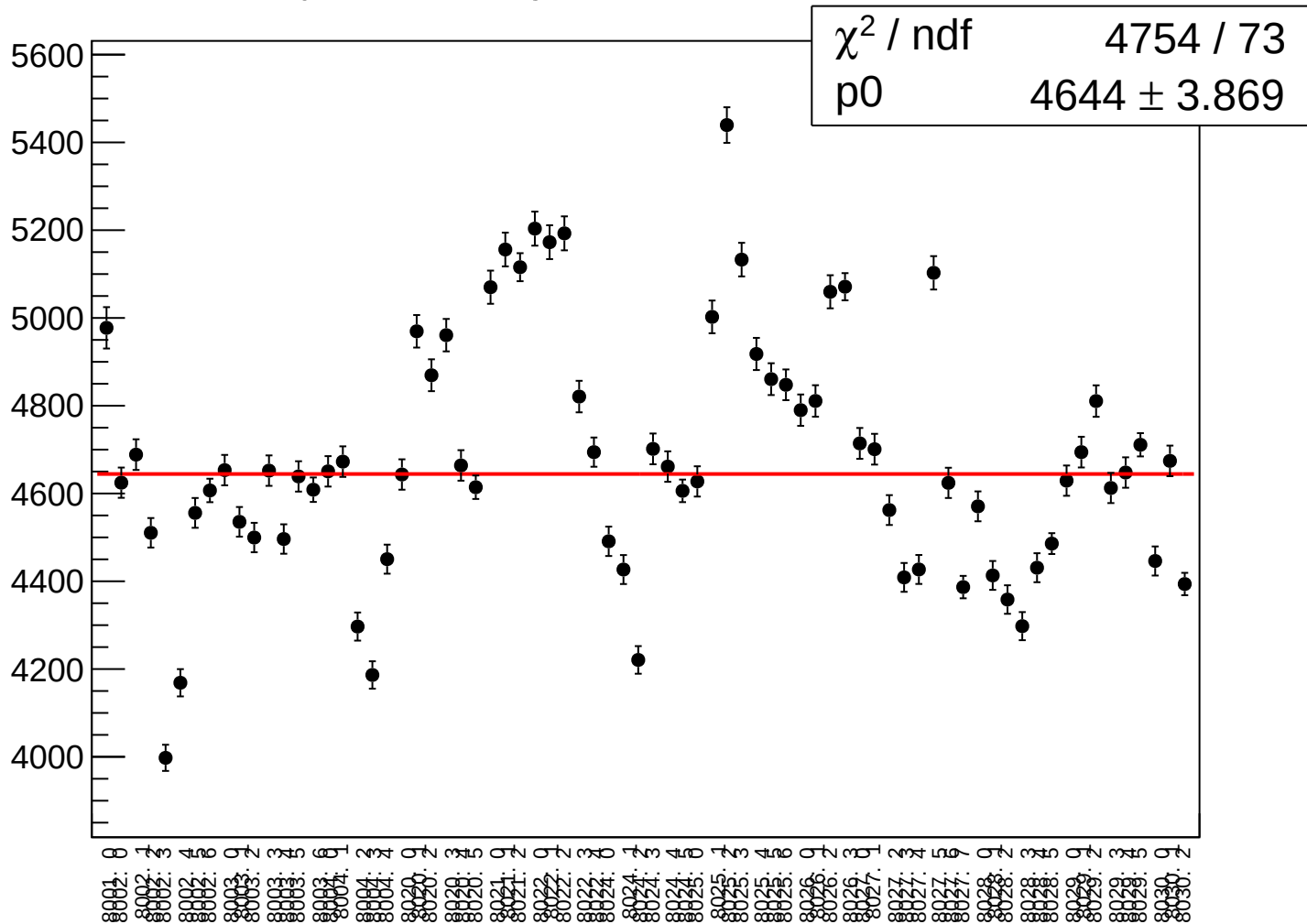
# reg\_asym\_atl\_avg\_rms vs run



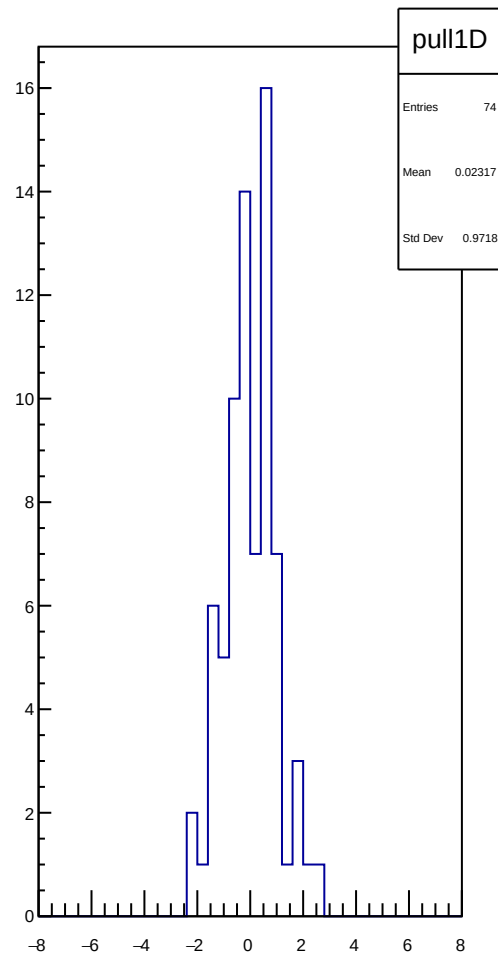
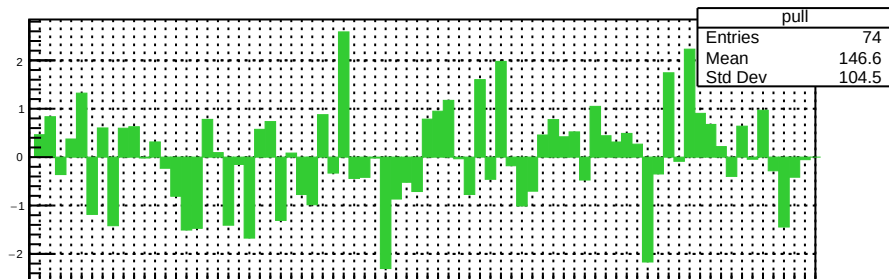
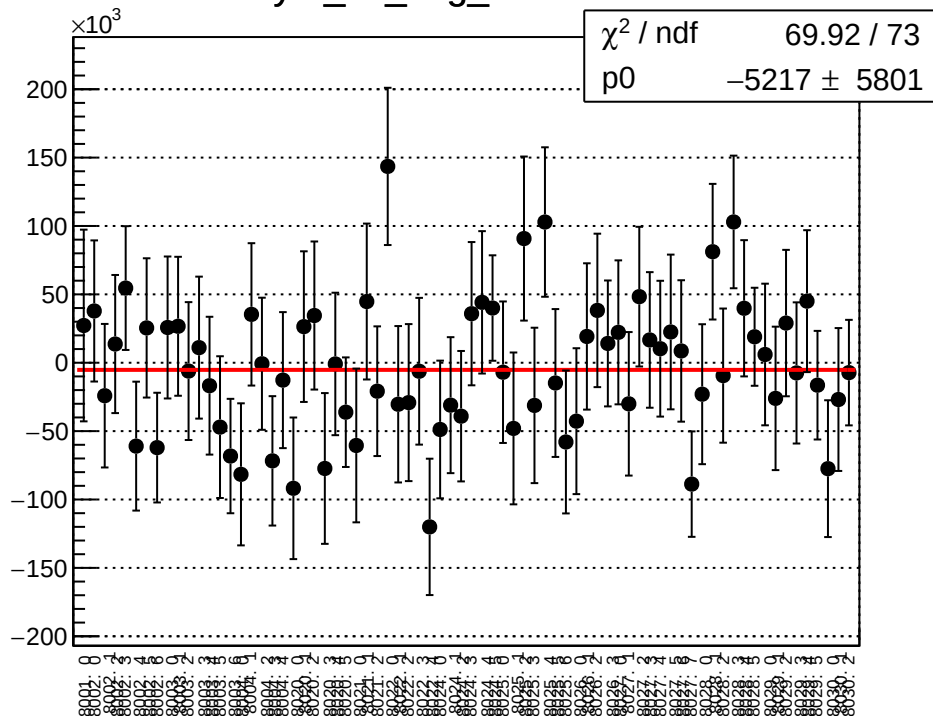
asym\_atl\_avg\_correction\_mean vs run



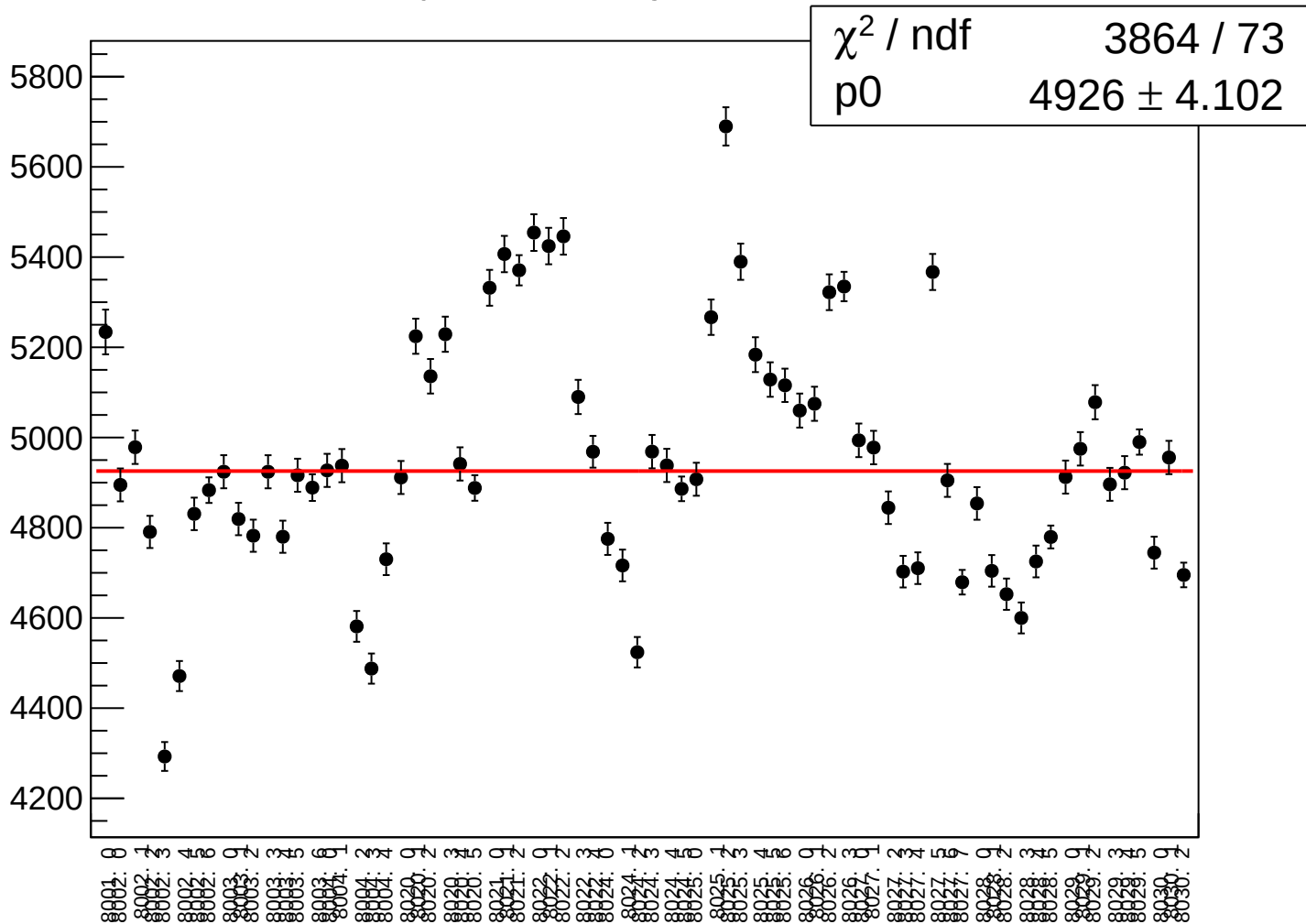
# asym\_atl\_avg\_correction\_rms vs run



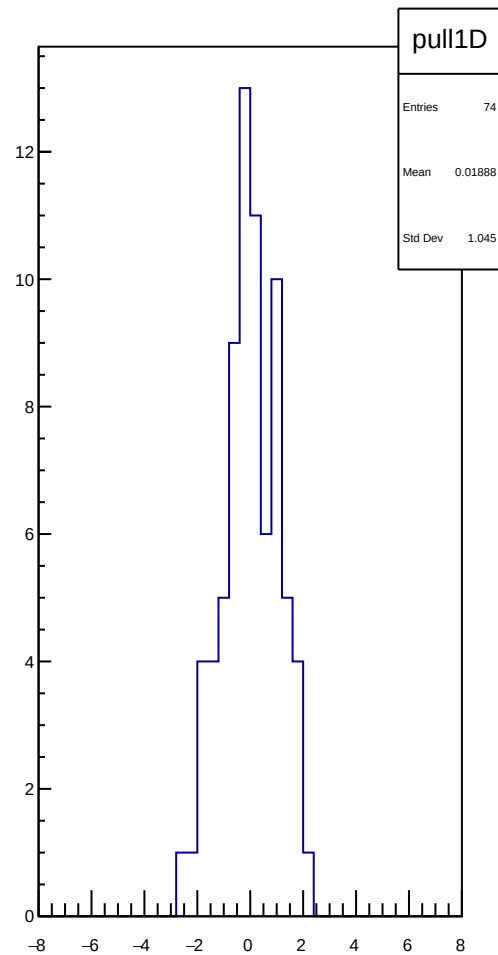
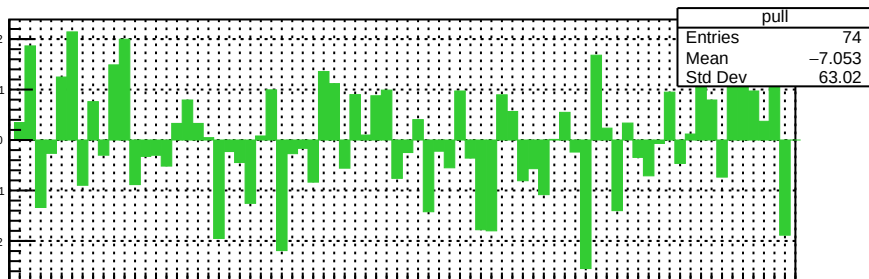
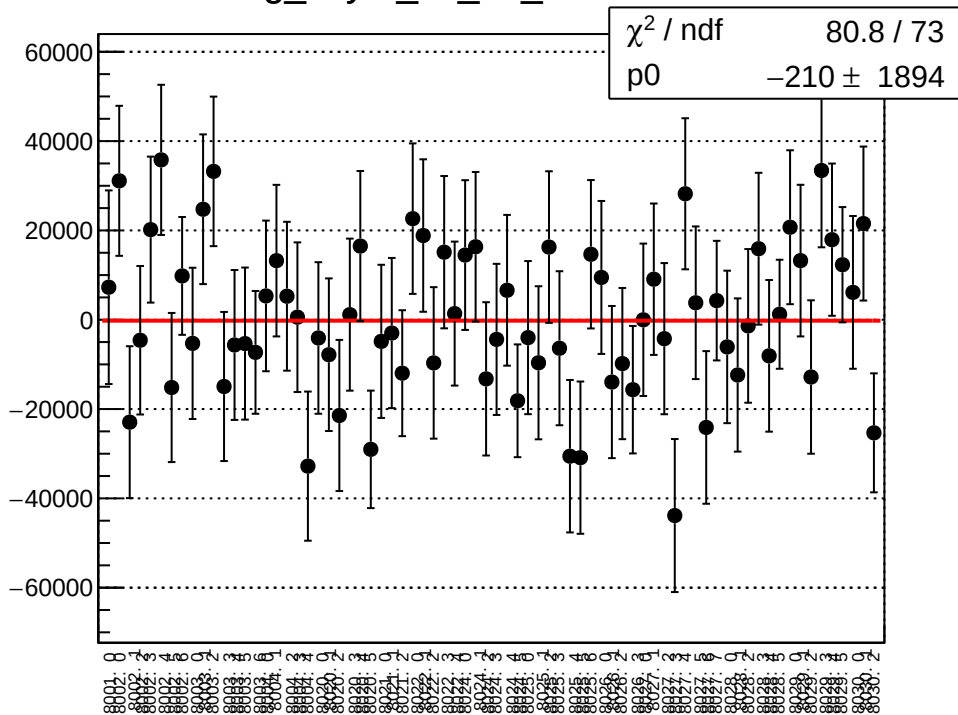
asym\_atl\_avg\_mean vs run



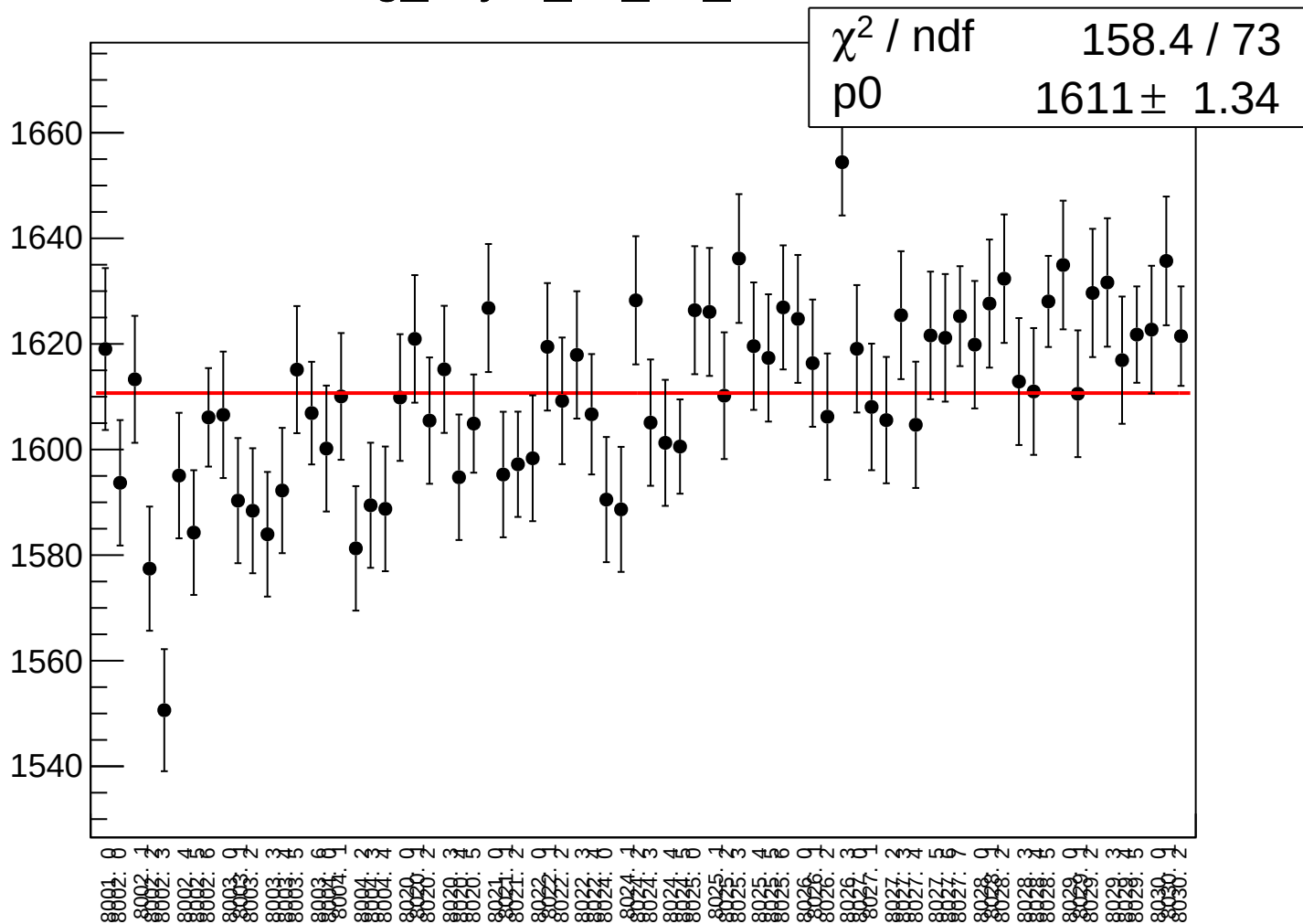
# asym\_atl\_avg\_rms vs run



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

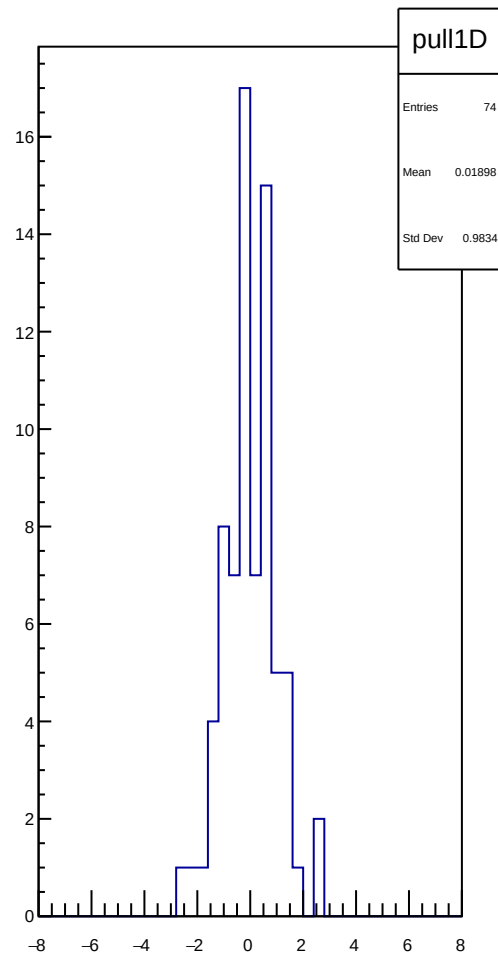
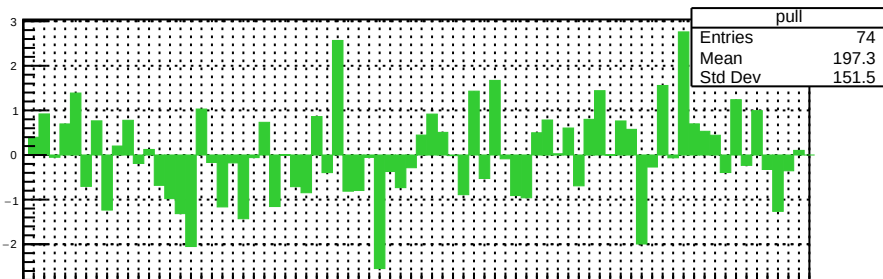
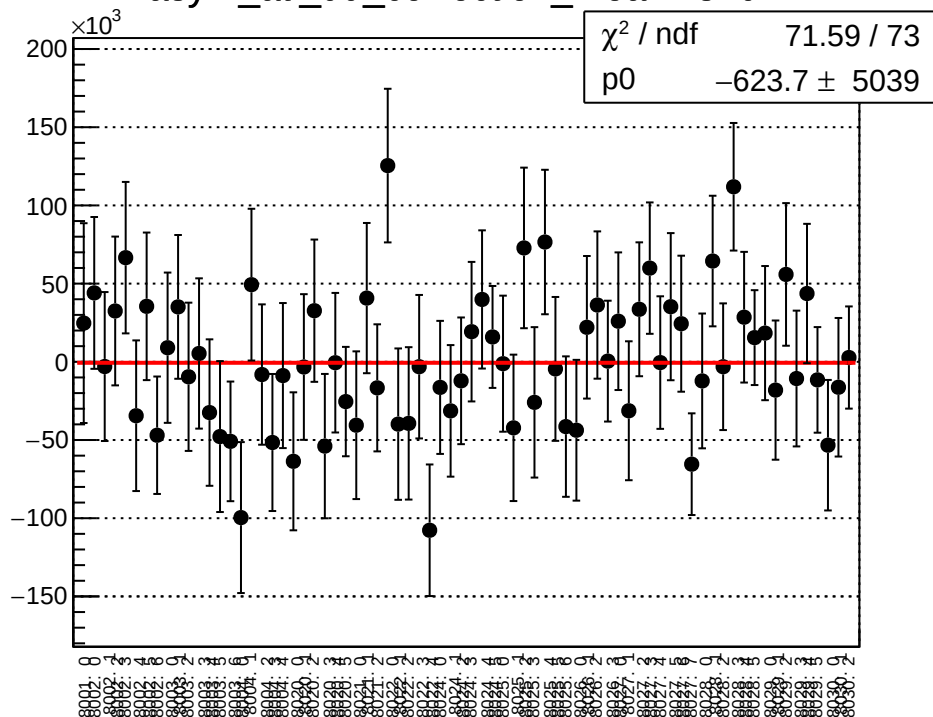


# reg\_asym\_atl\_dd\_rms vs run

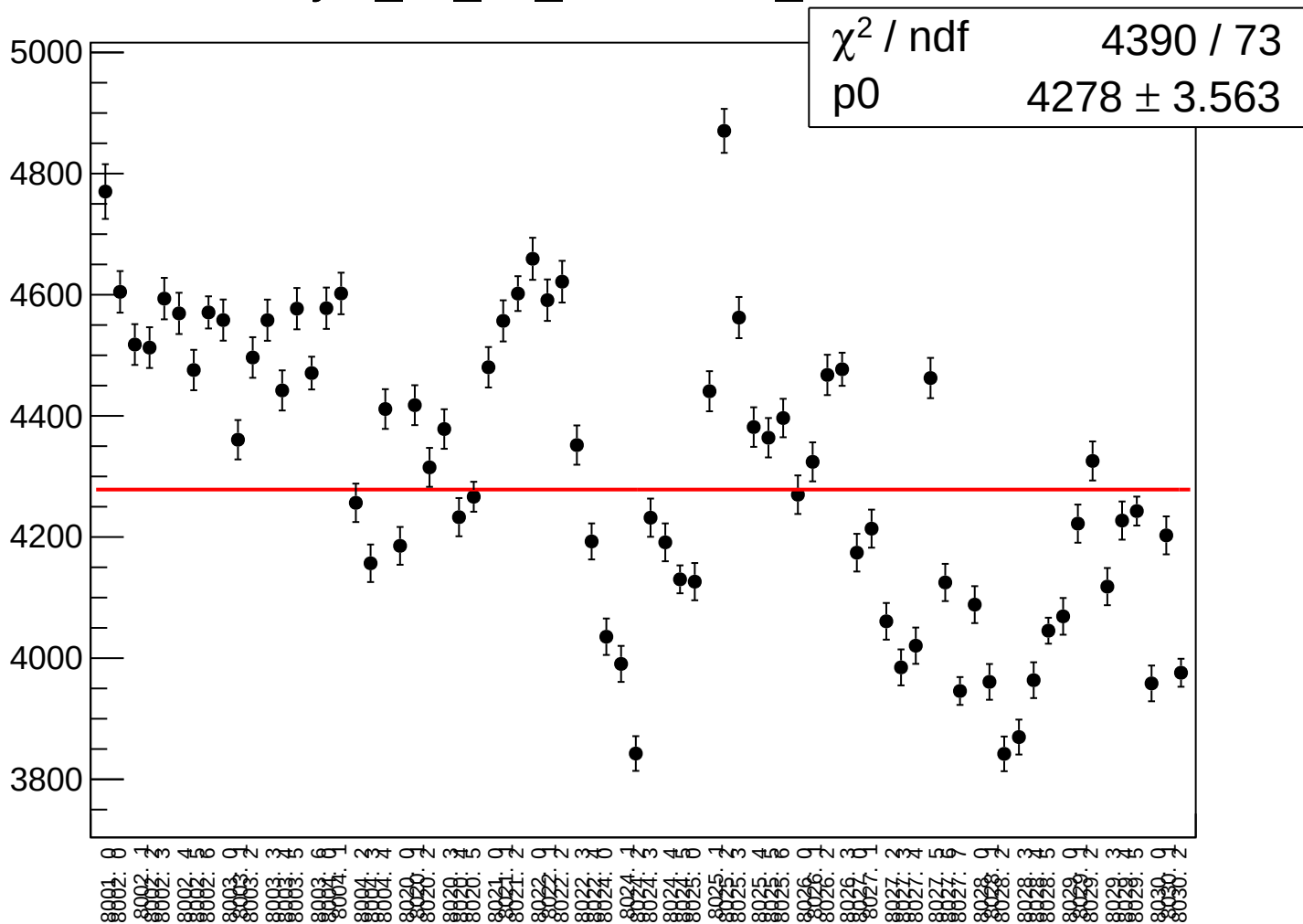




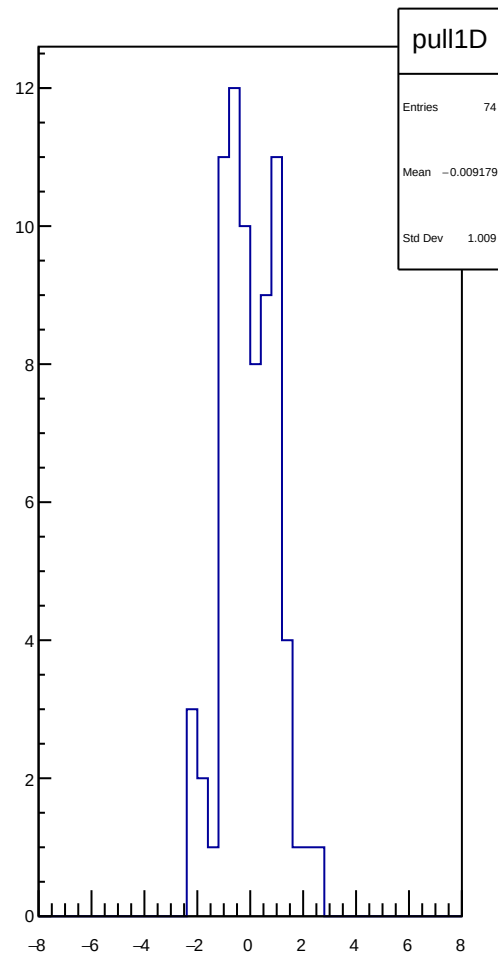
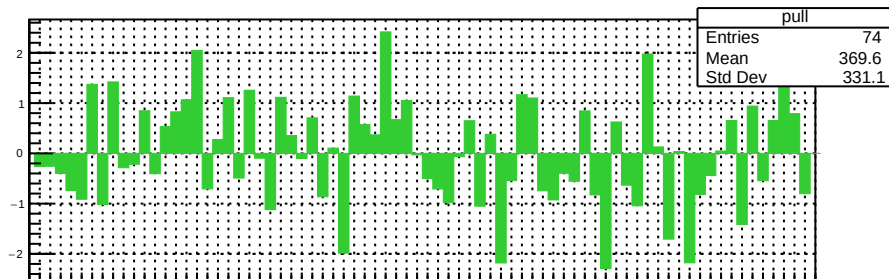
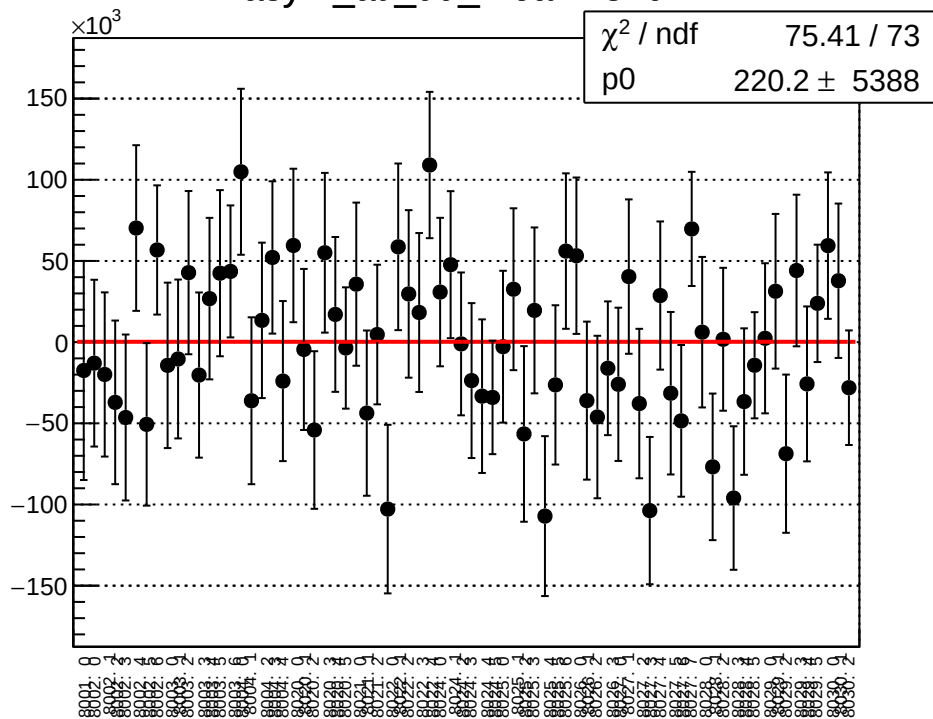
asym\_atl\_dd\_correction\_mean vs run



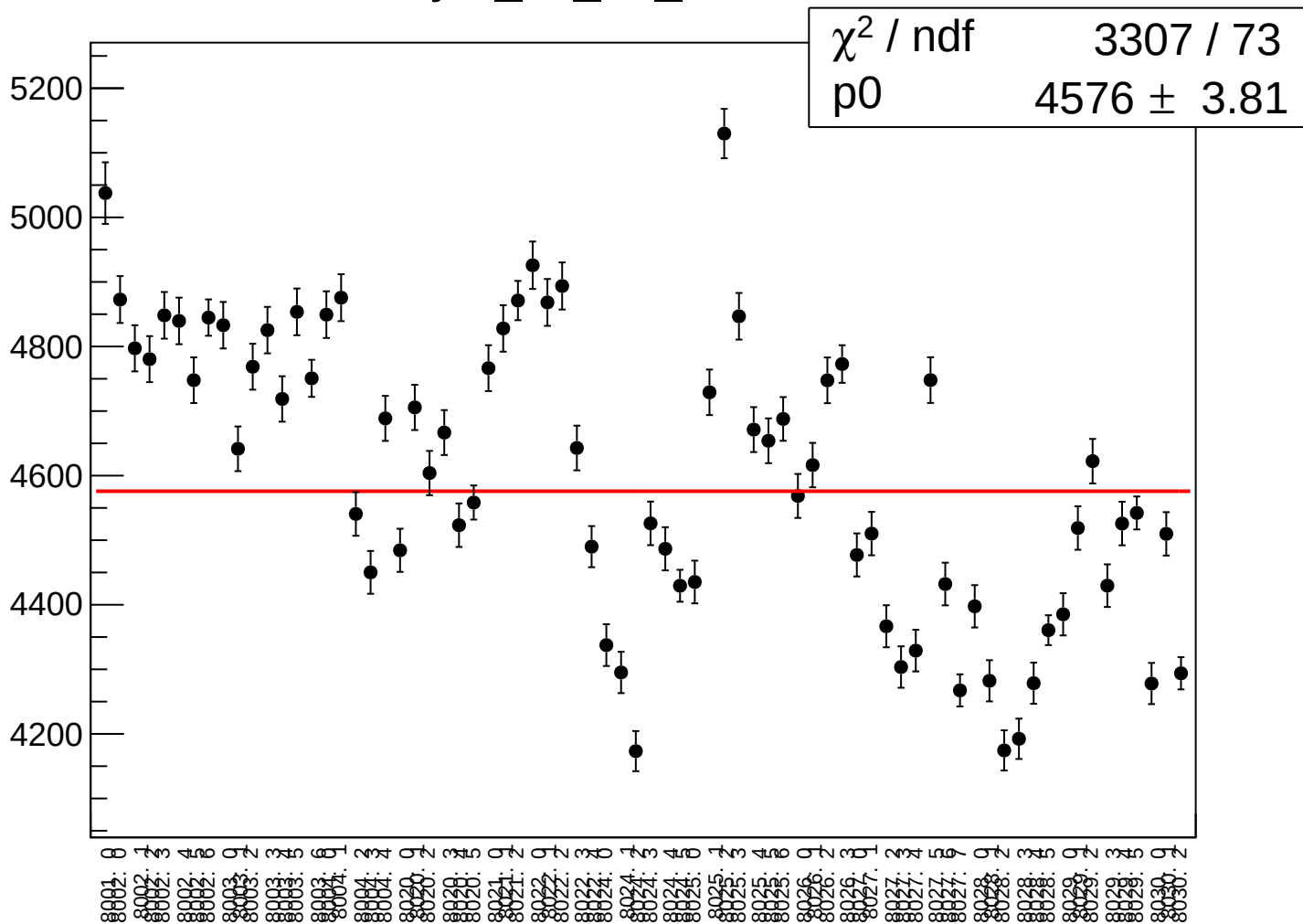
# asym\_atl\_dd\_correction\_rms vs run



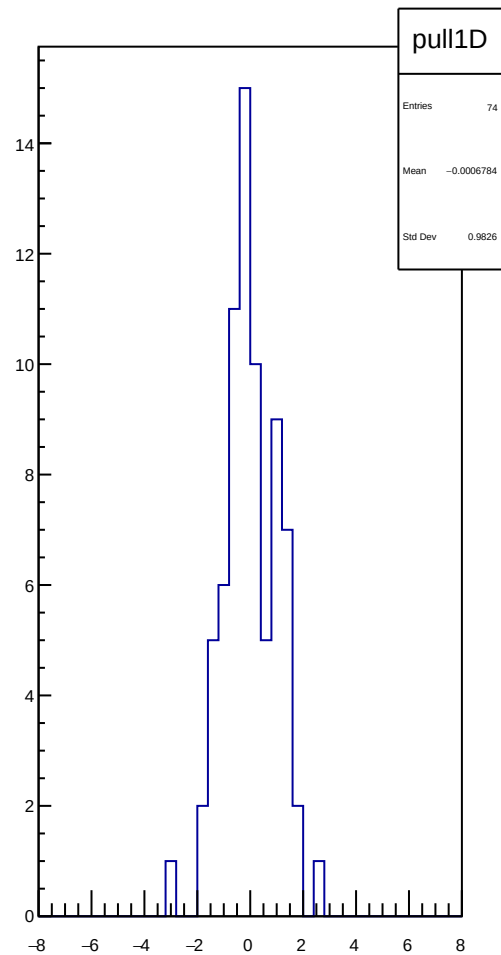
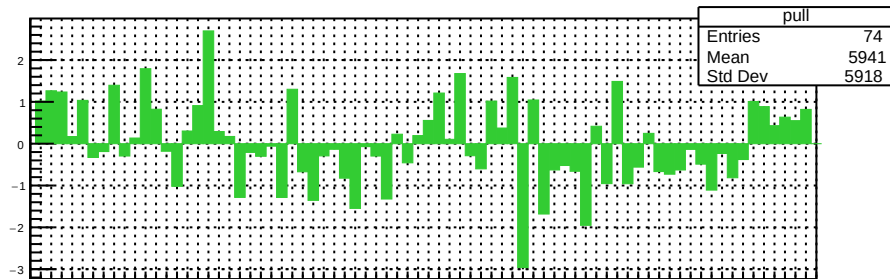
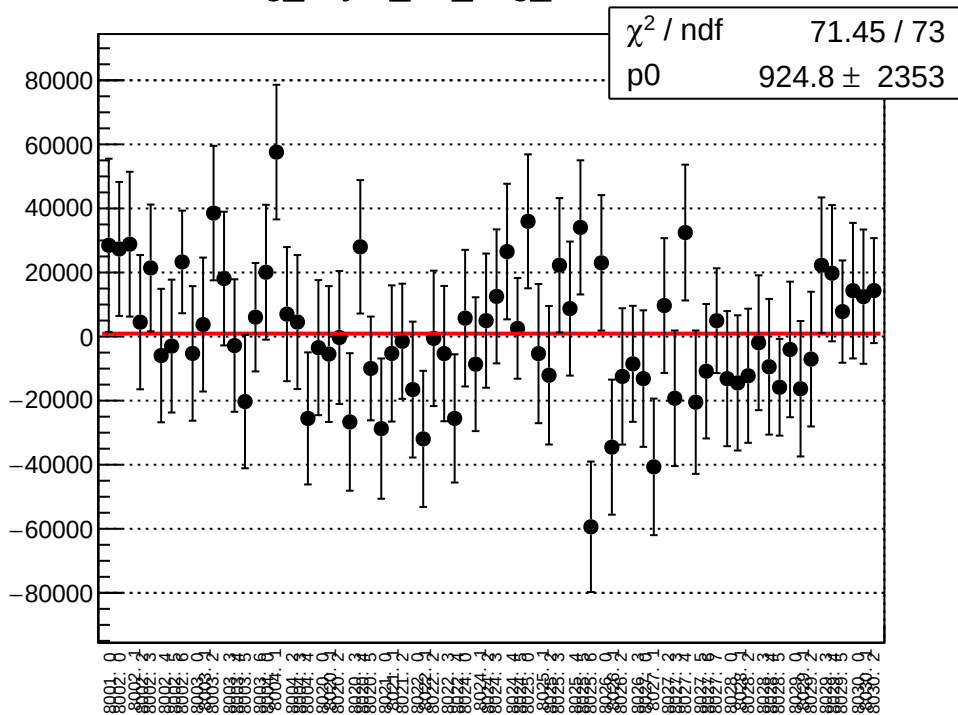
asym\_atl\_dd\_mean vs run



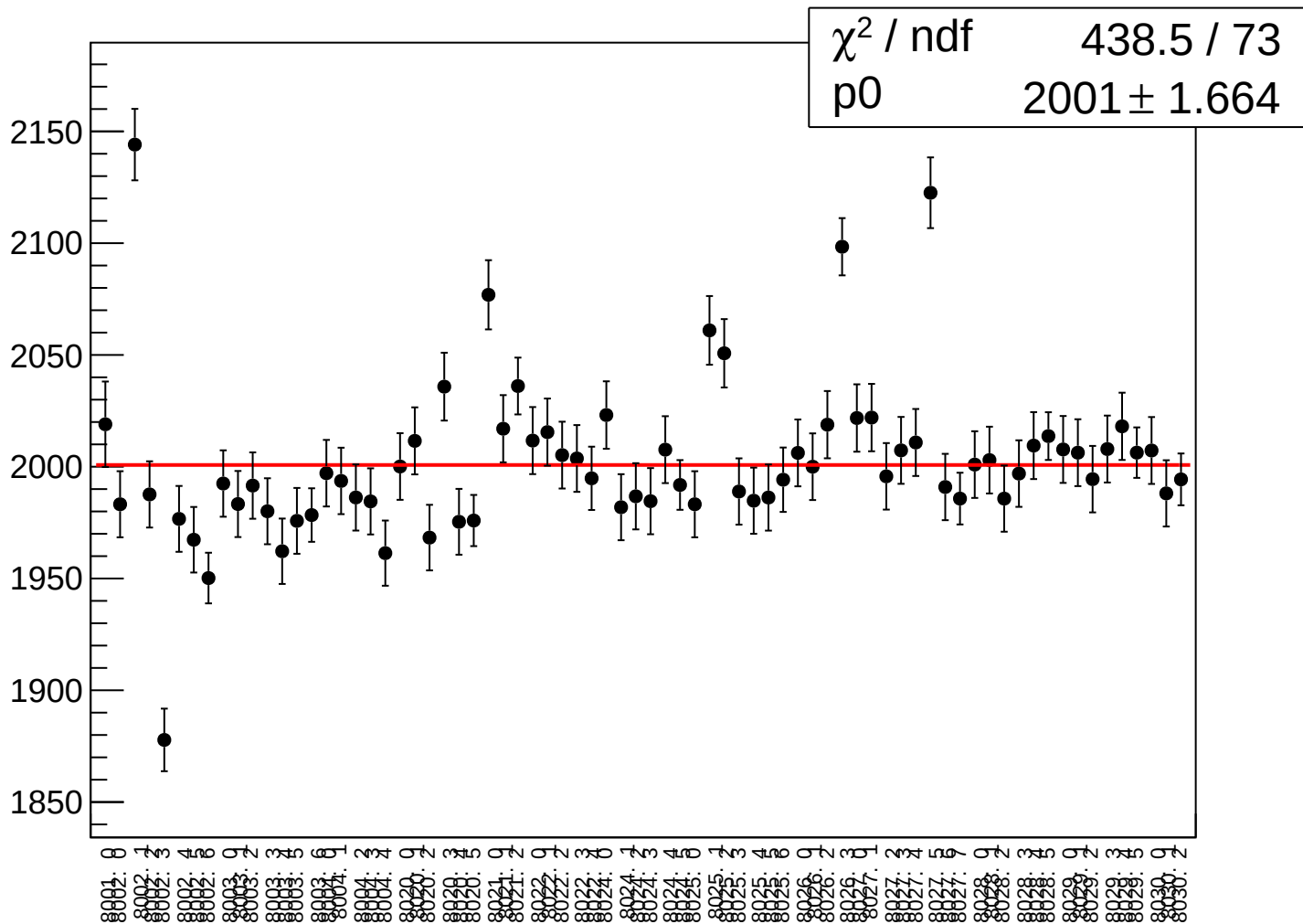
# asym\_atl\_dd\_rms vs run



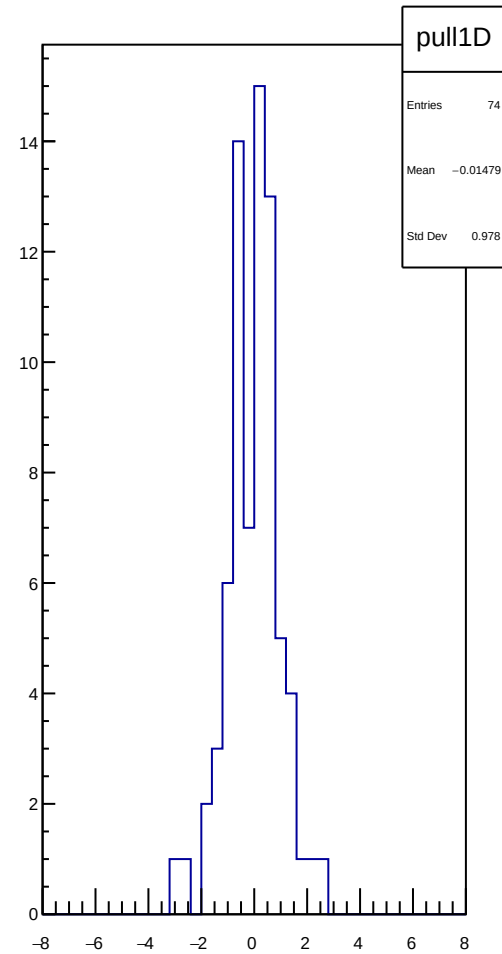
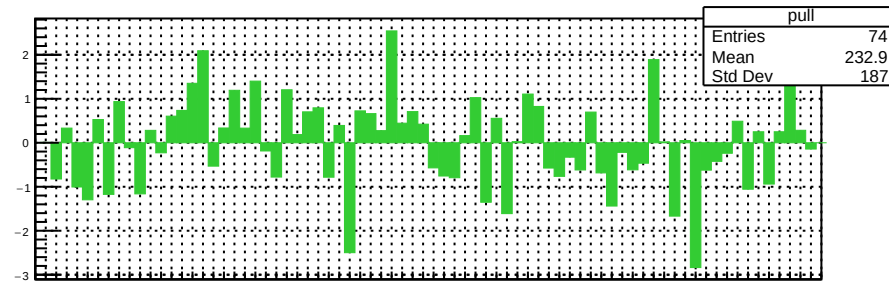
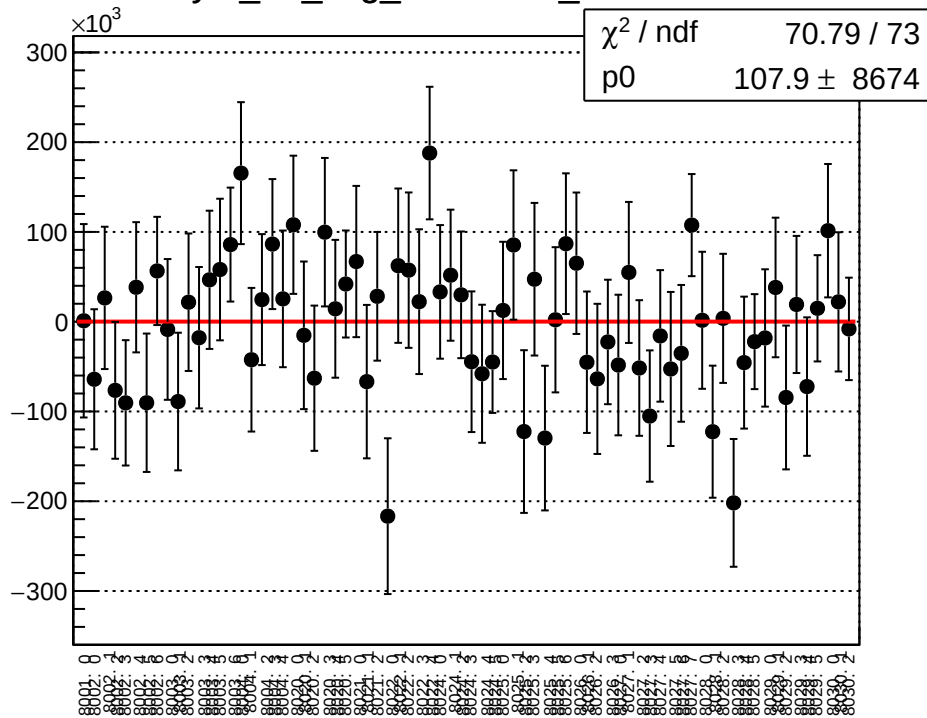
# reg\_asym\_atr\_avg\_mean vs run



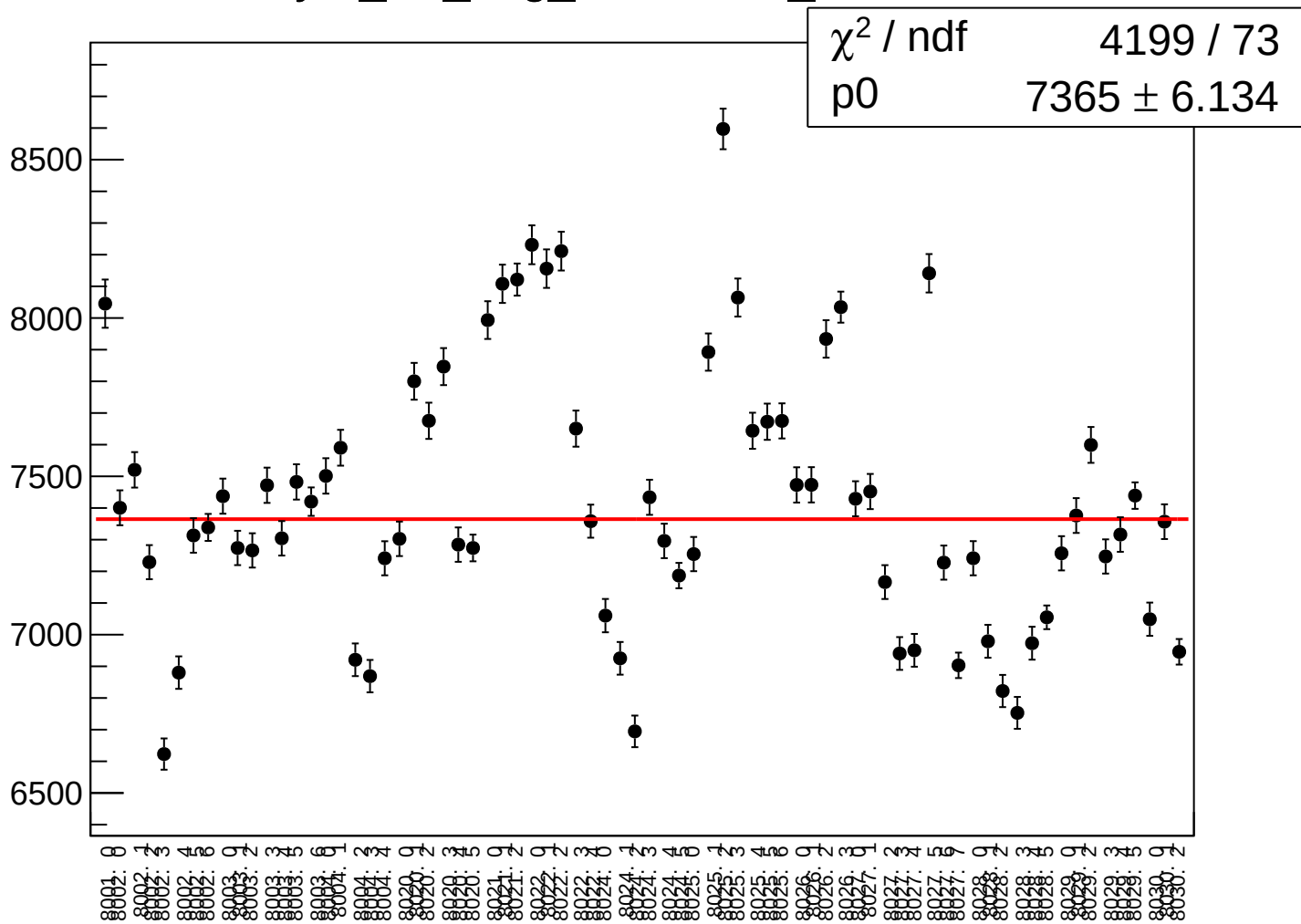
reg\_asym\_atr\_avg\_rms vs run



asym\_atr\_avg\_correction\_mean vs run

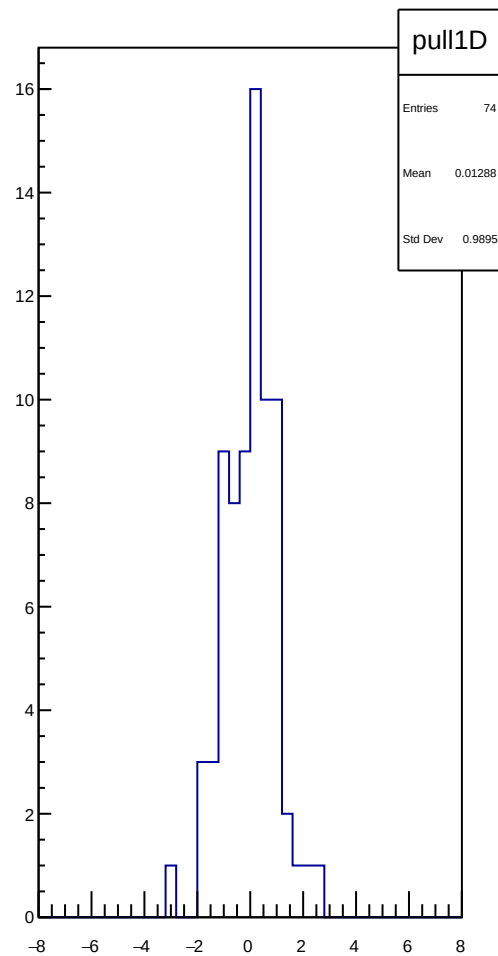
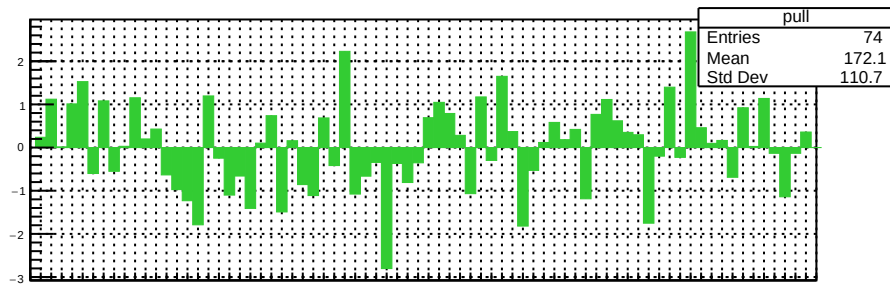
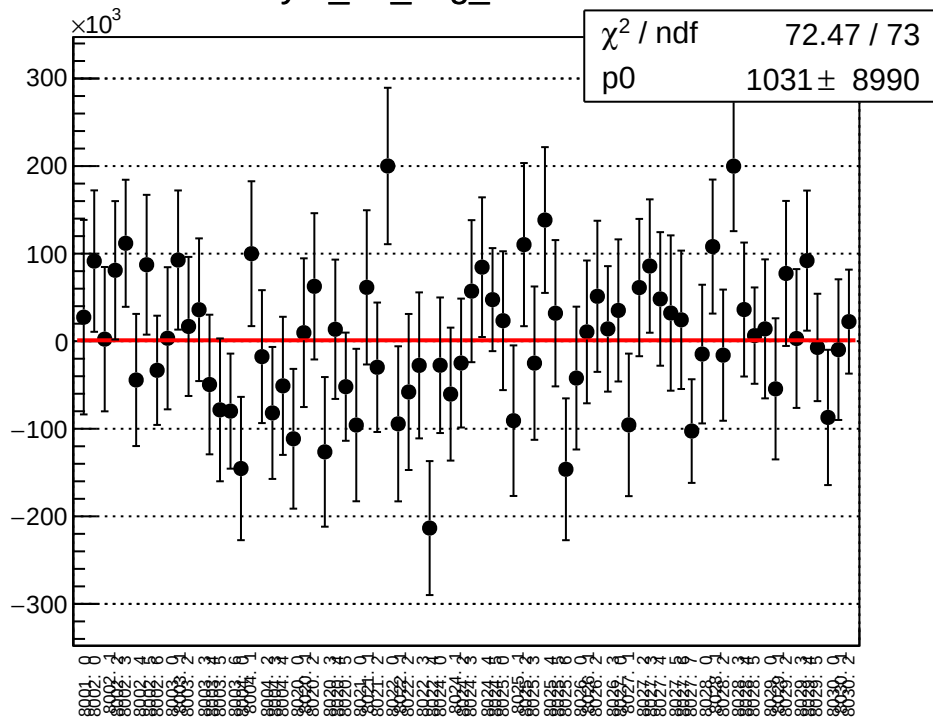


# asym\_atr\_avg\_correction\_rms vs run

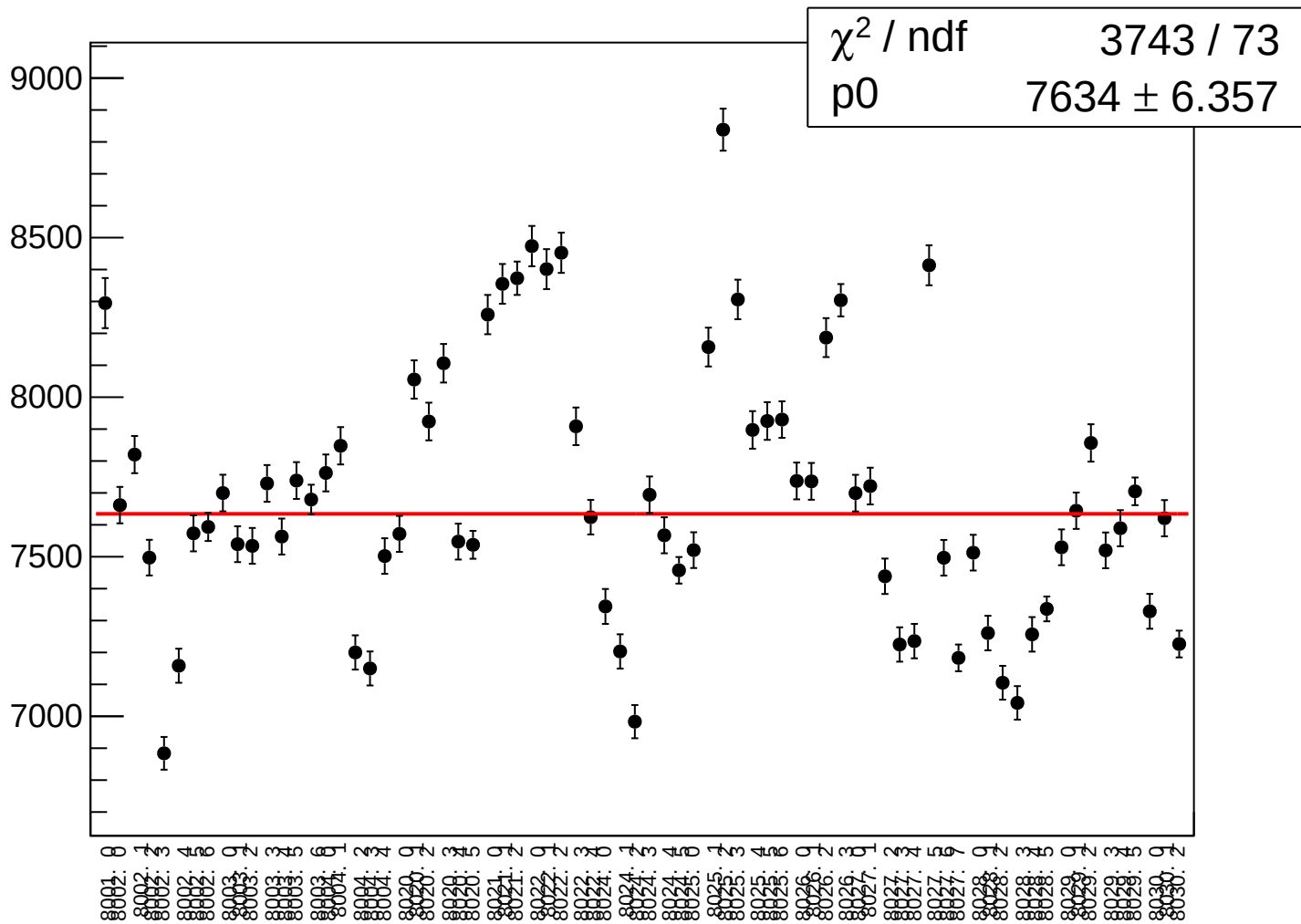




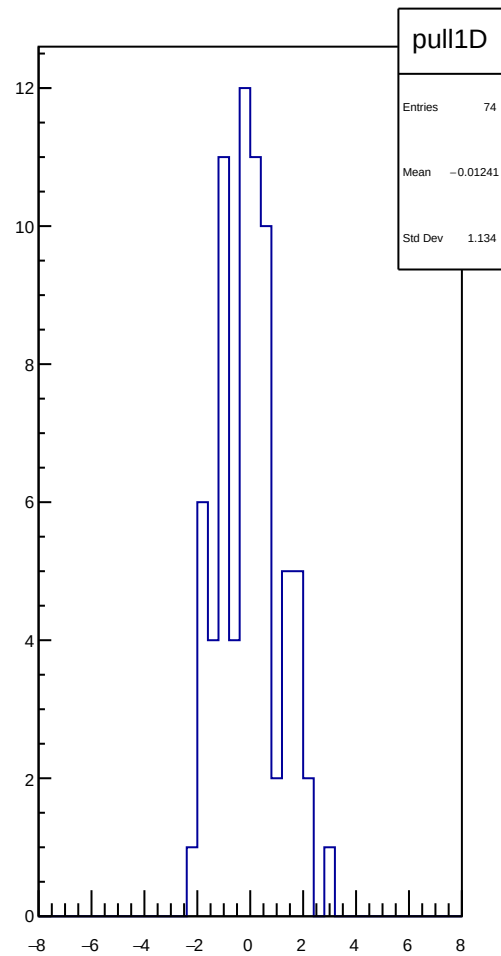
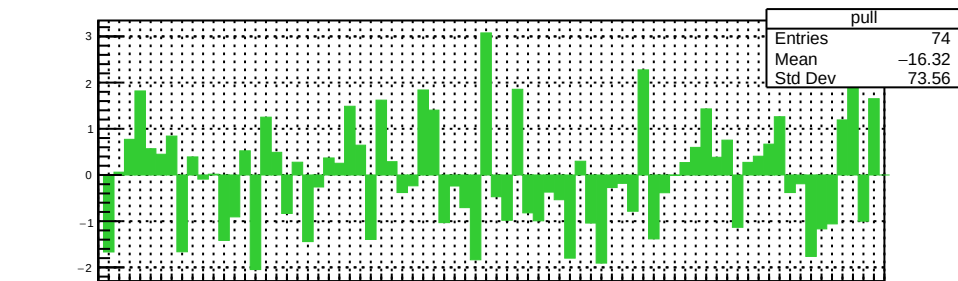
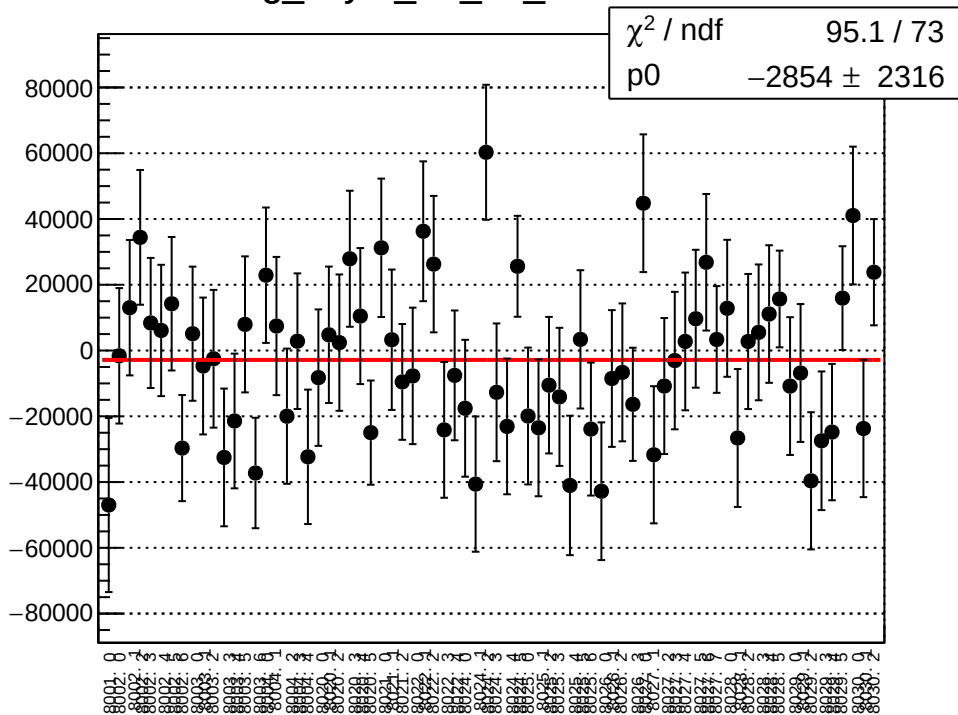
asym\_atr\_avg\_mean vs run



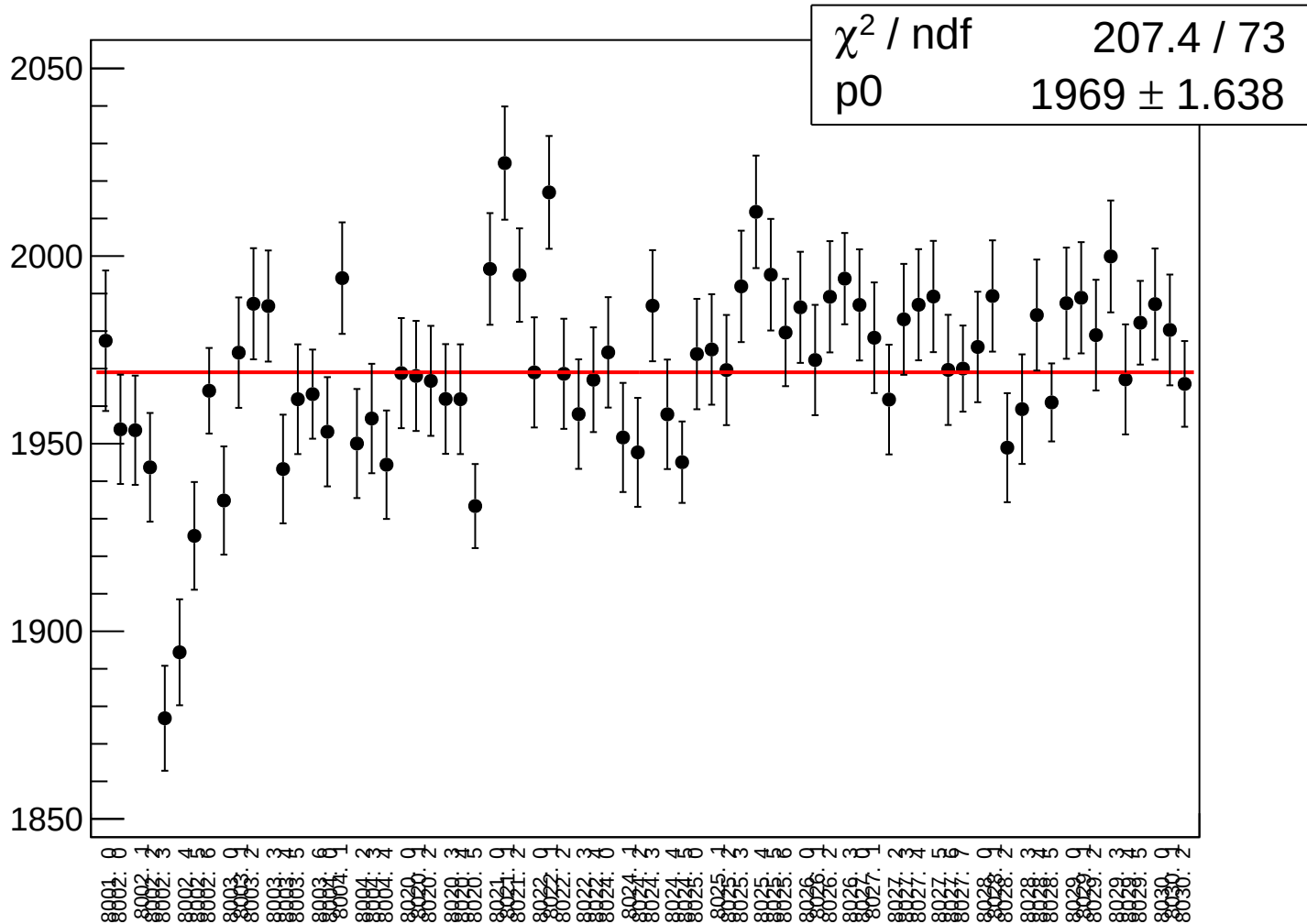
asym\_atr\_avg\_rms vs run



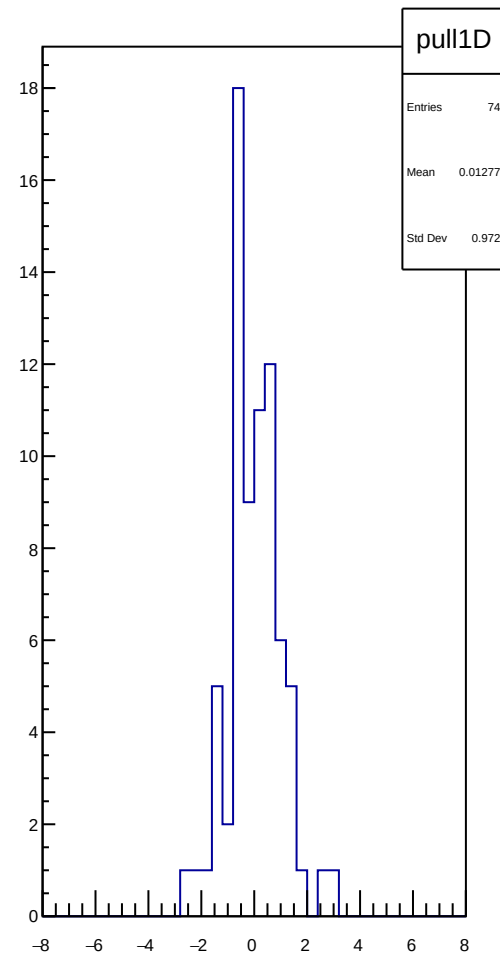
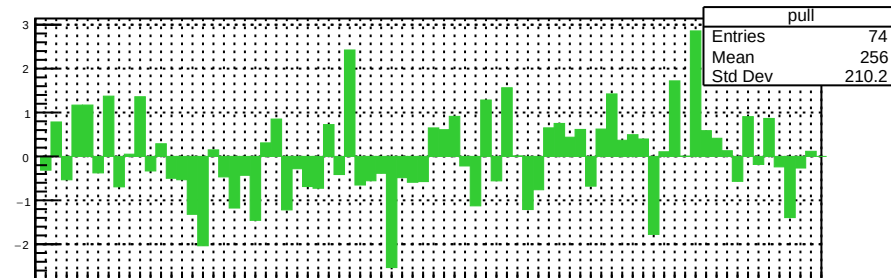
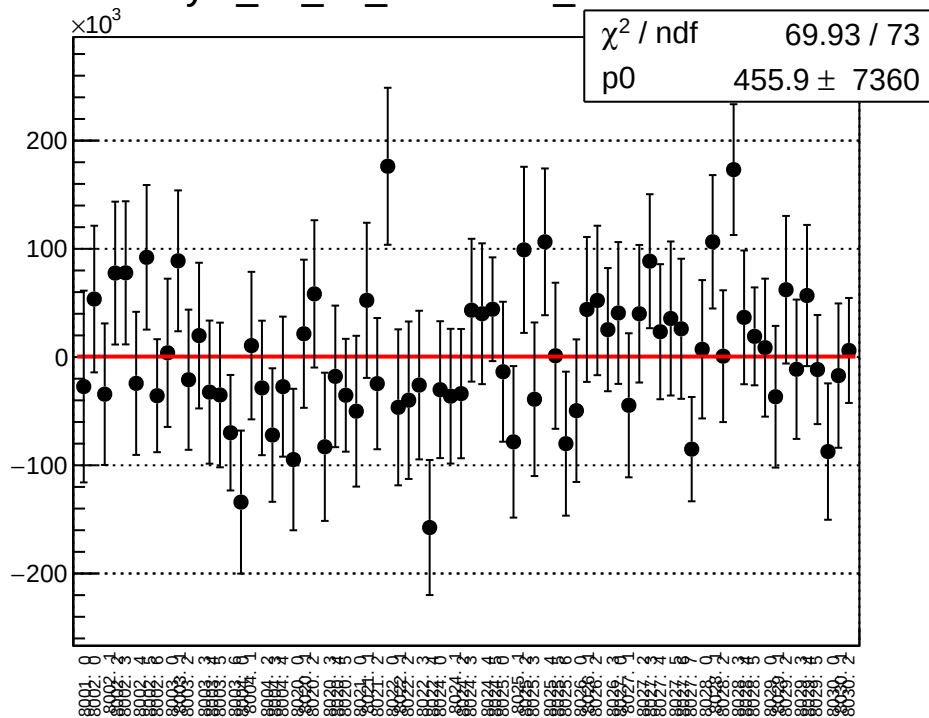
# reg\_asym\_atr\_dd\_mean vs run



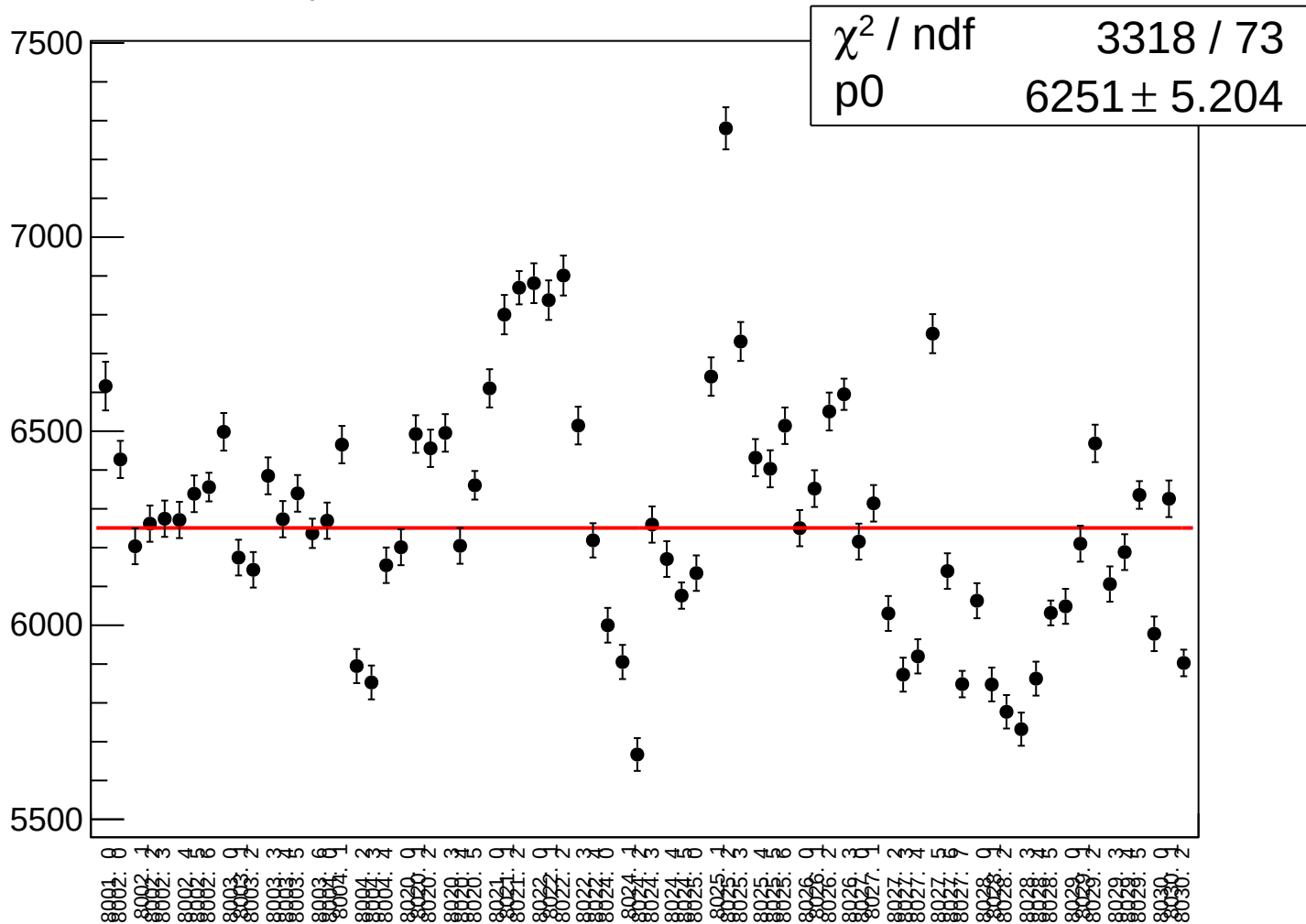
# reg\_asym\_atr\_dd\_rms vs run



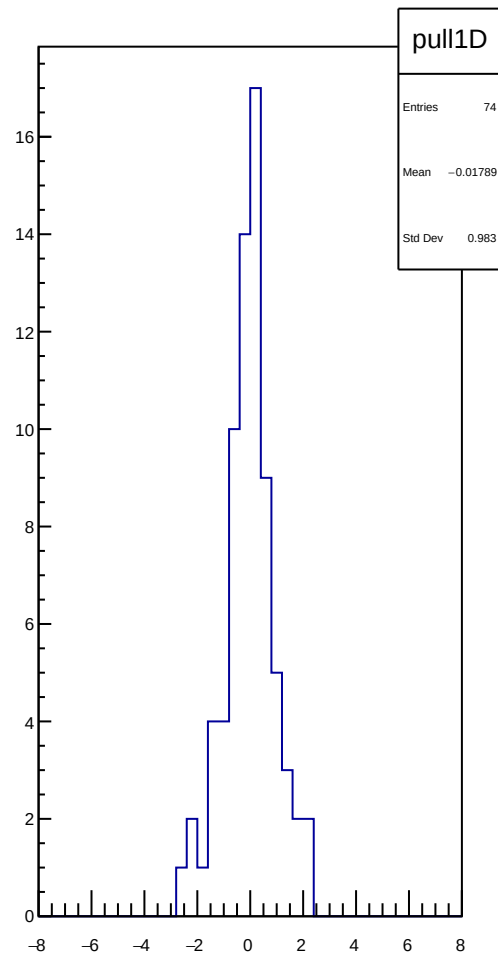
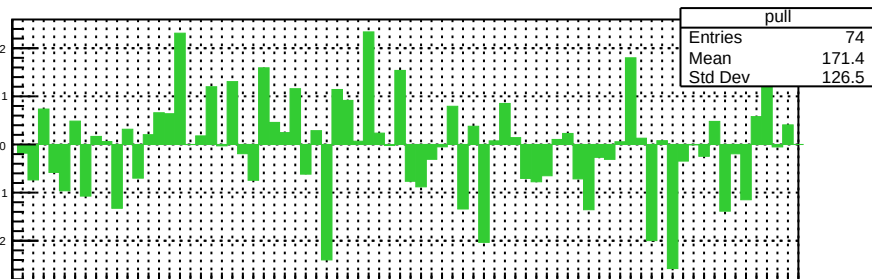
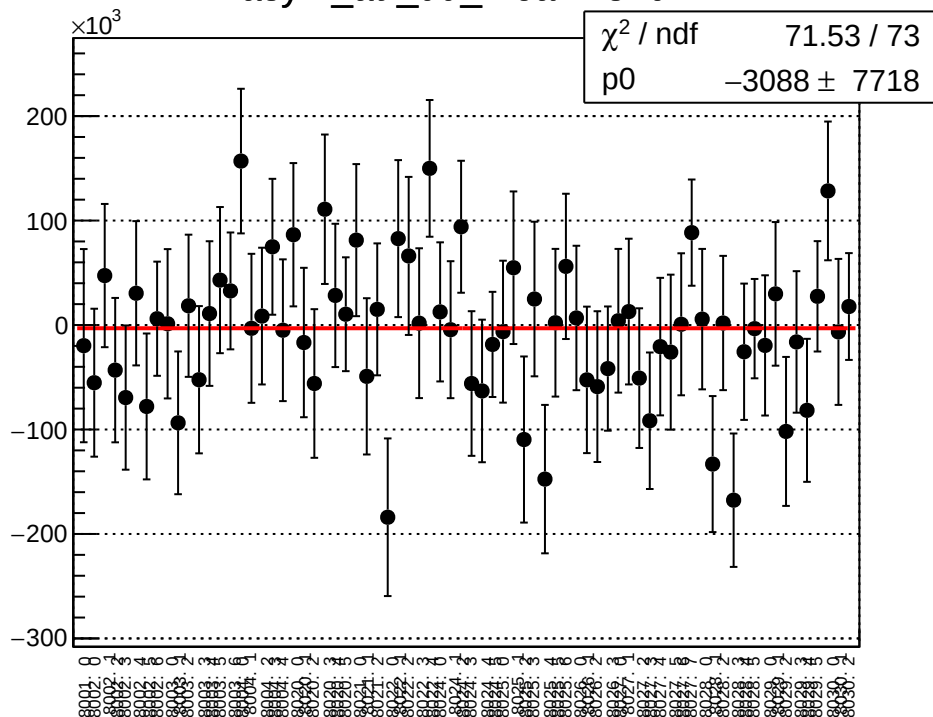
asym\_atr\_dd\_correction\_mean vs run



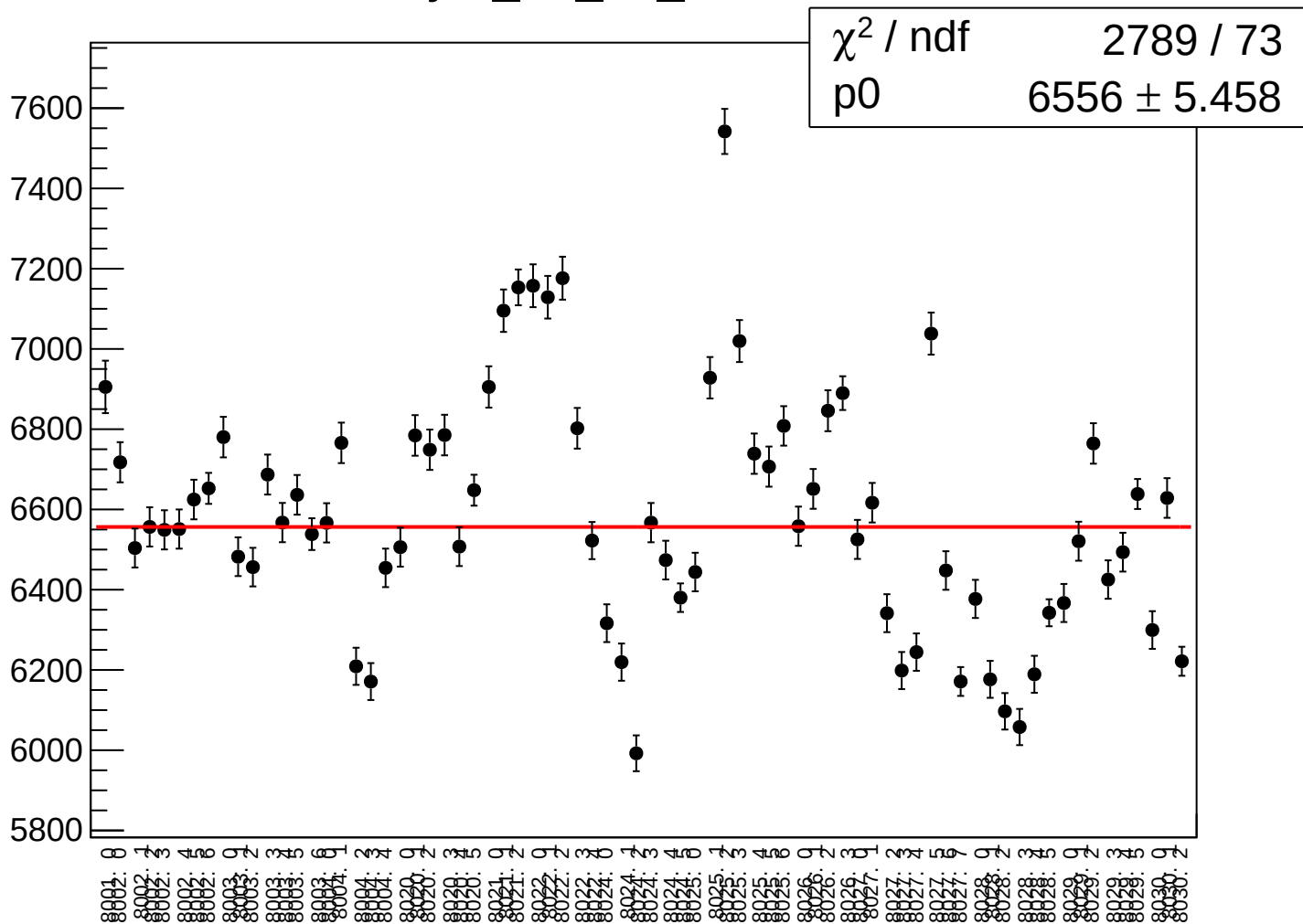
# asym\_atr\_dd\_correction\_rms vs run



asym\_atr\_dd\_mean vs run

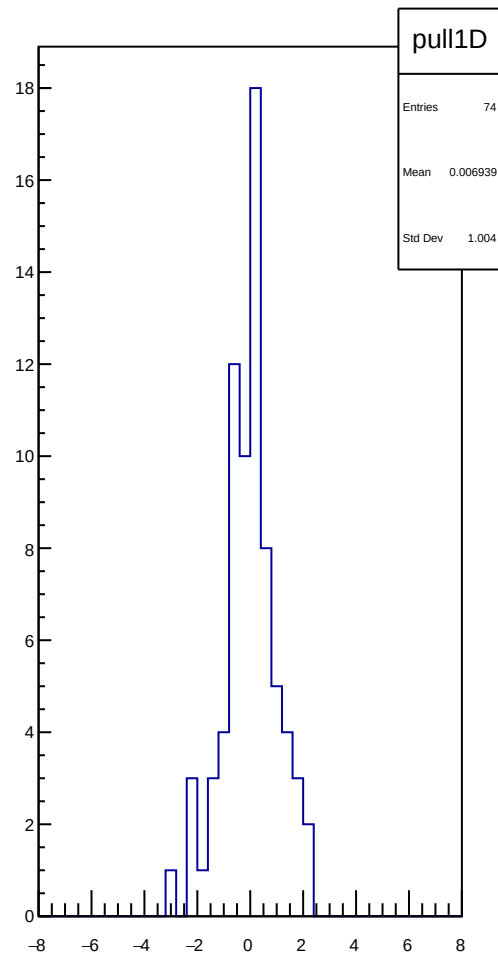
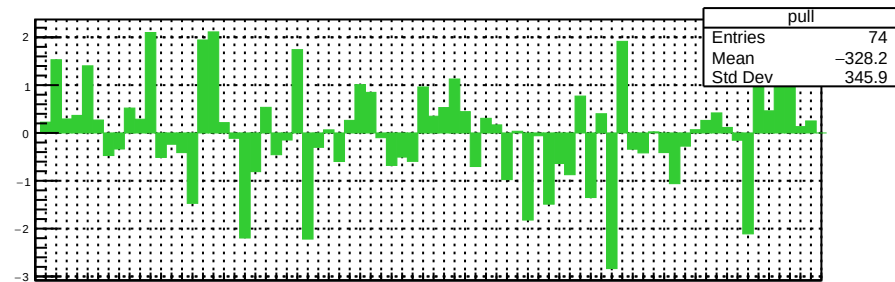
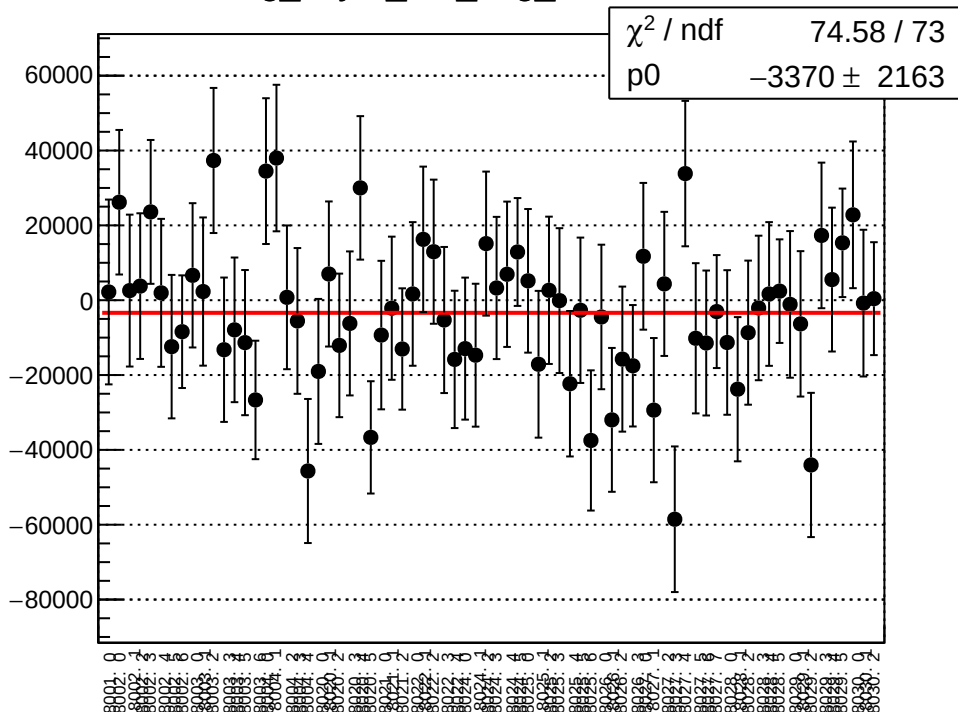


# asym\_atr\_dd\_rms vs run

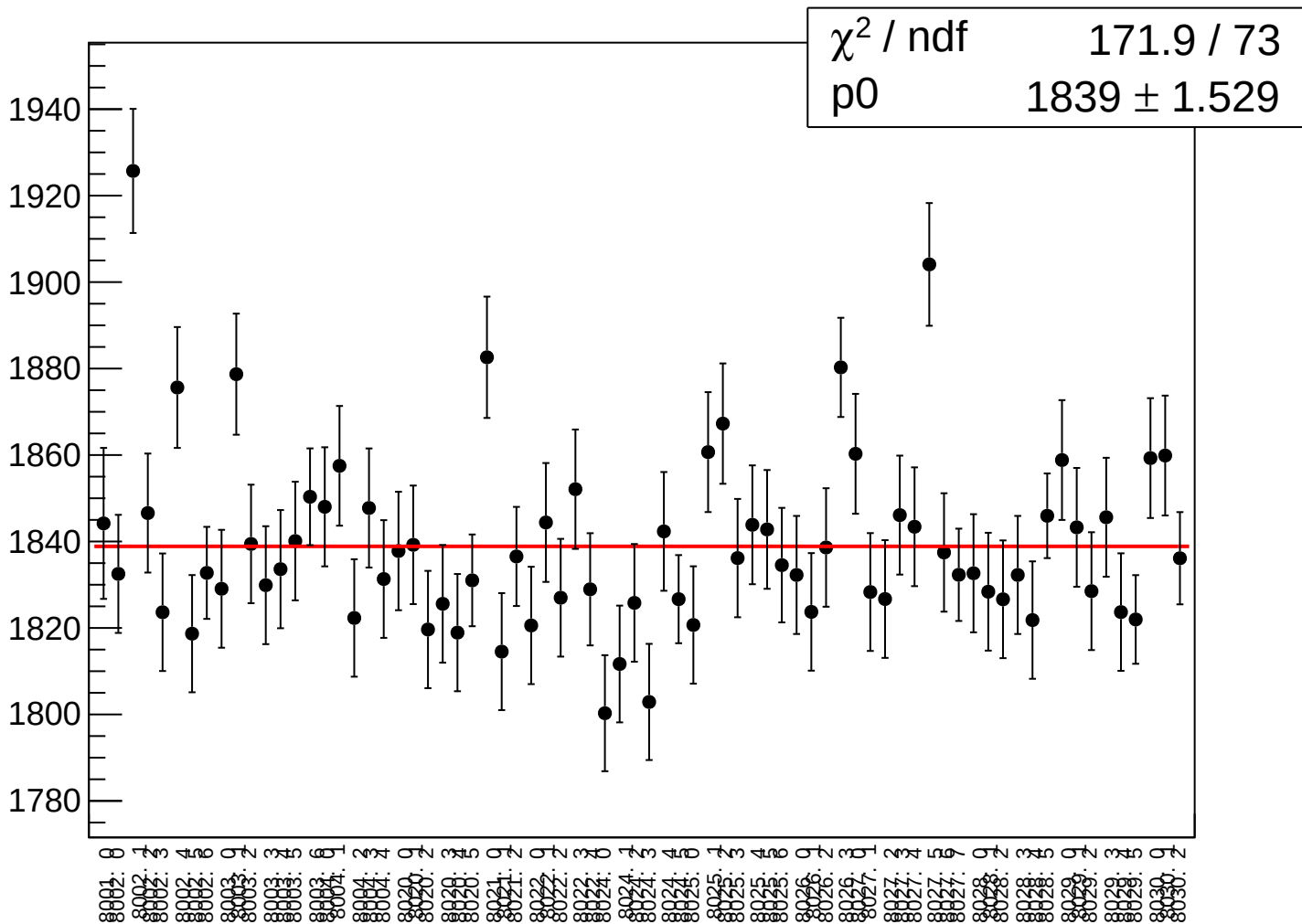




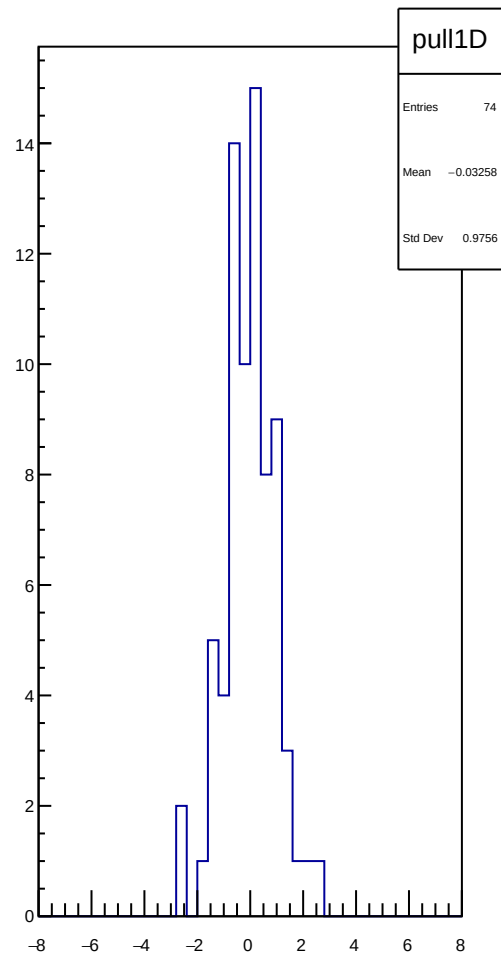
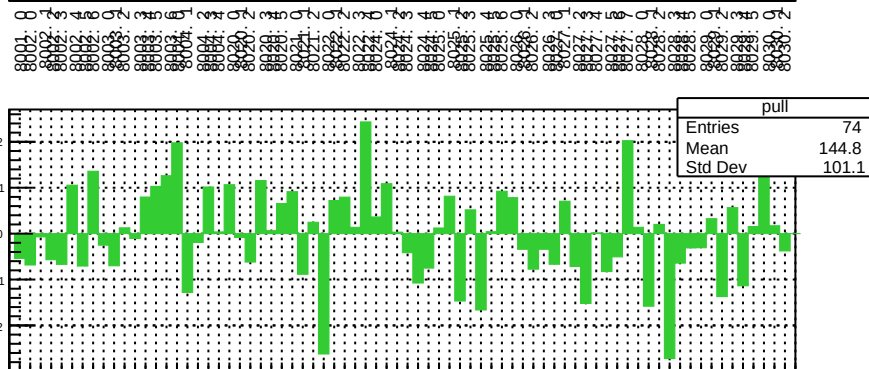
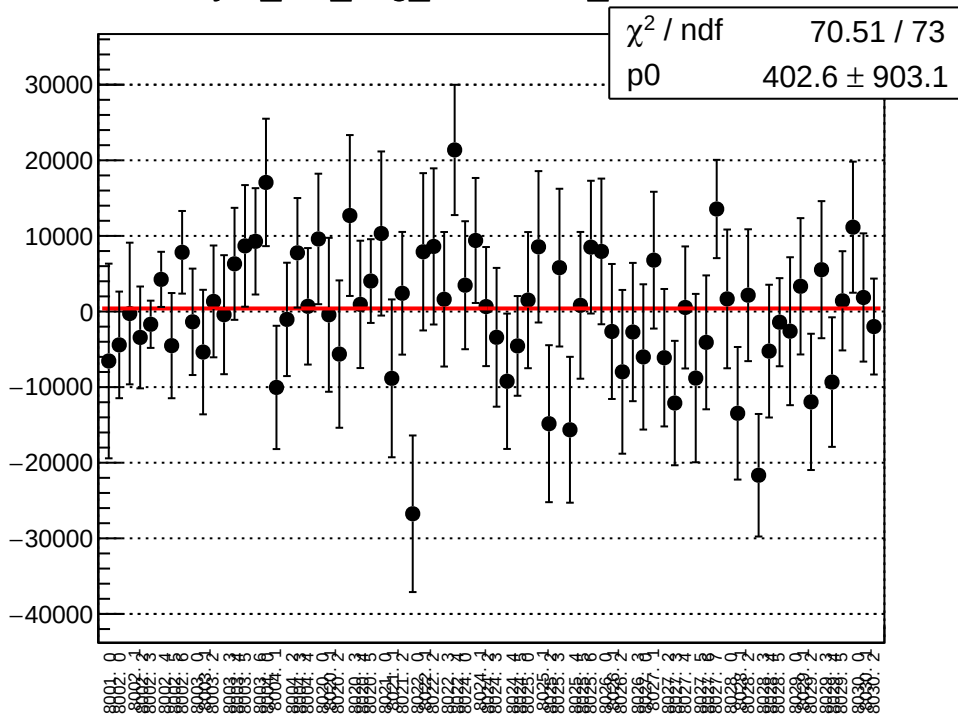
# reg\_asym\_at1\_avg\_mean vs run



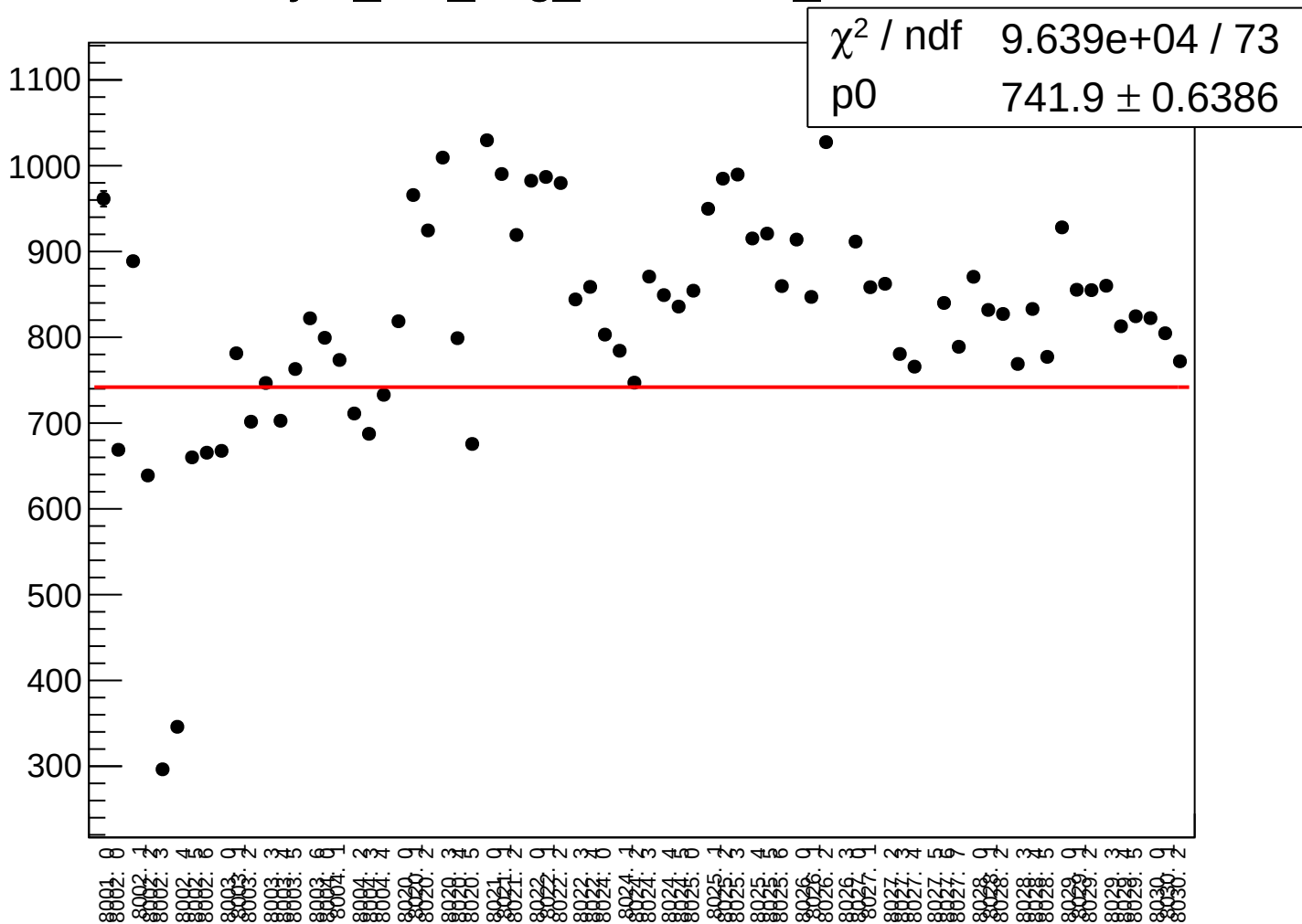
# reg\_asym\_at1\_avg\_rms vs run



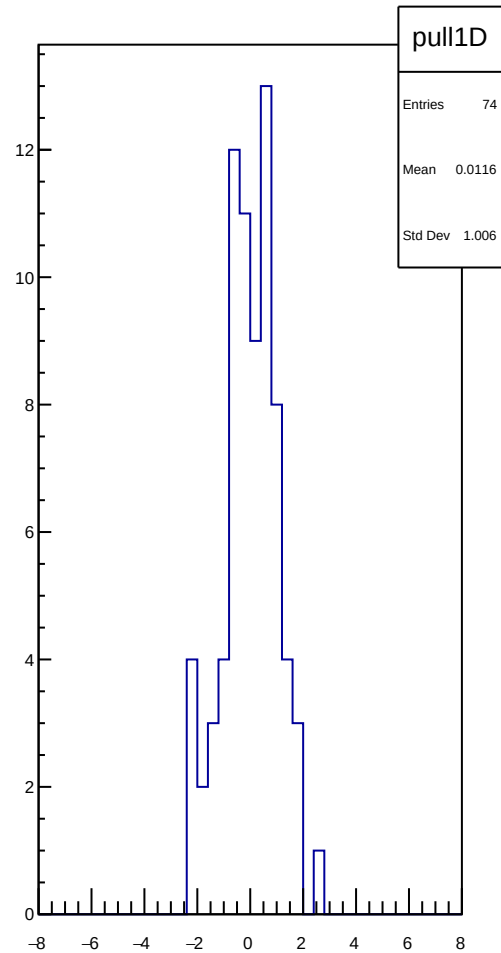
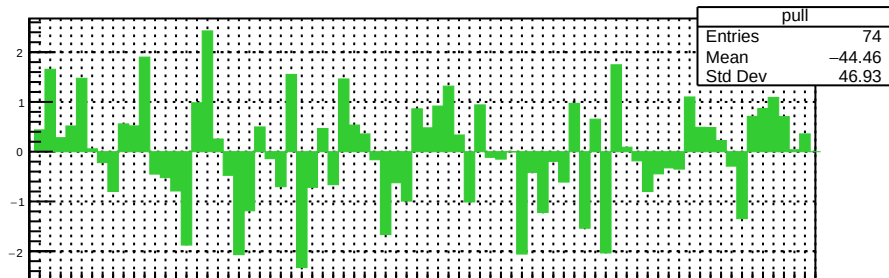
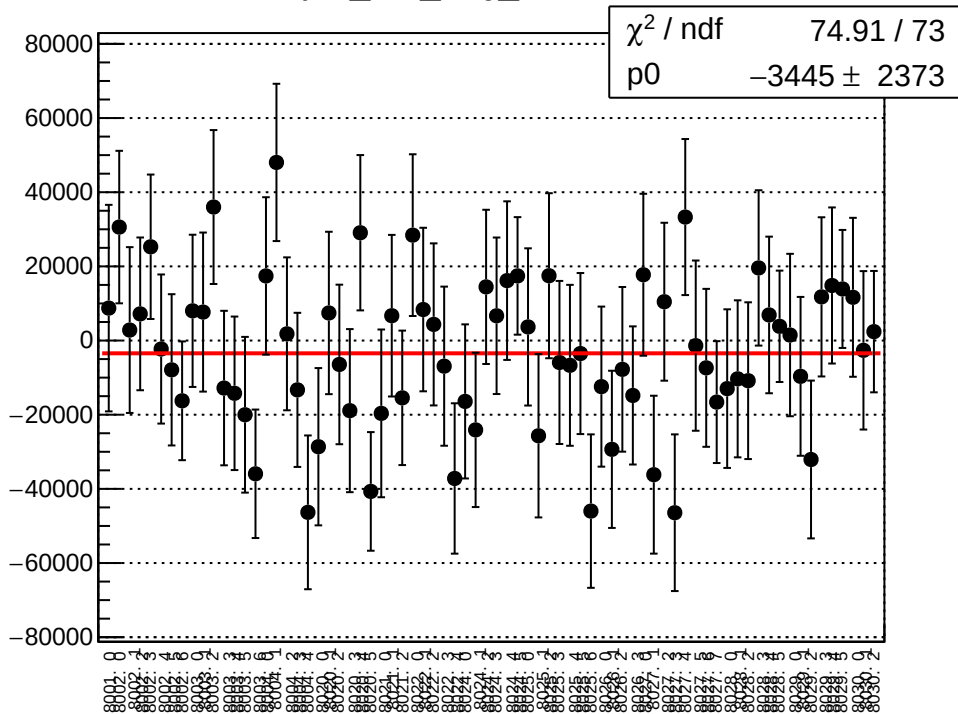
asym\_at1\_avg\_correction\_mean vs run



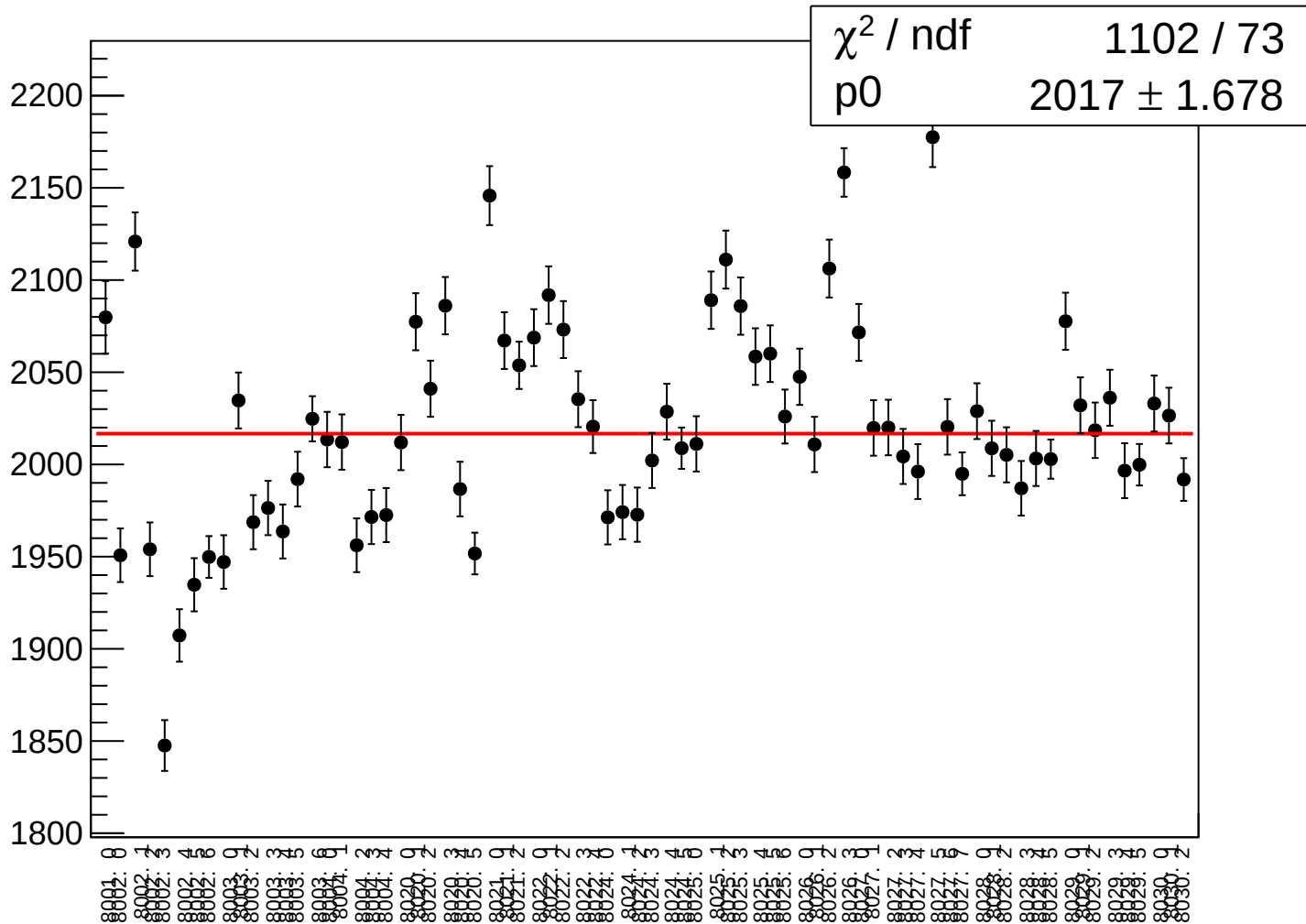
# asym\_at1\_avg\_correction\_rms vs run



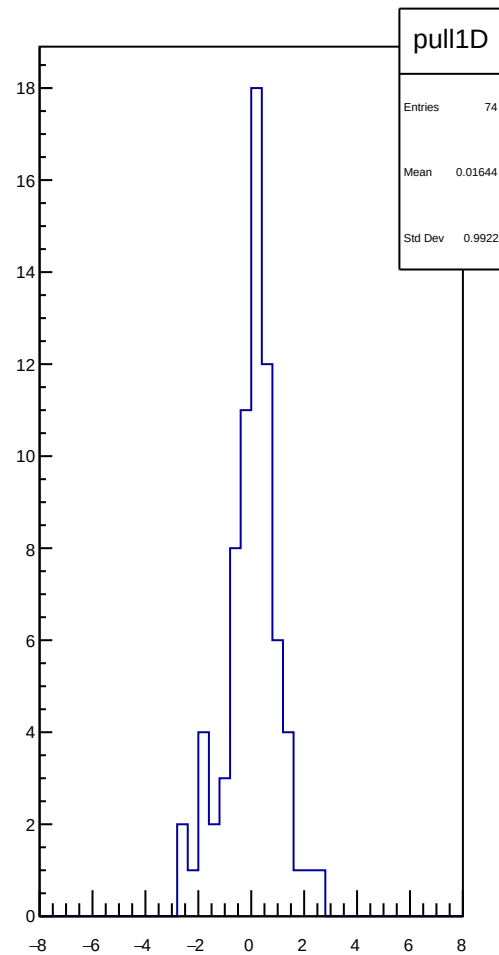
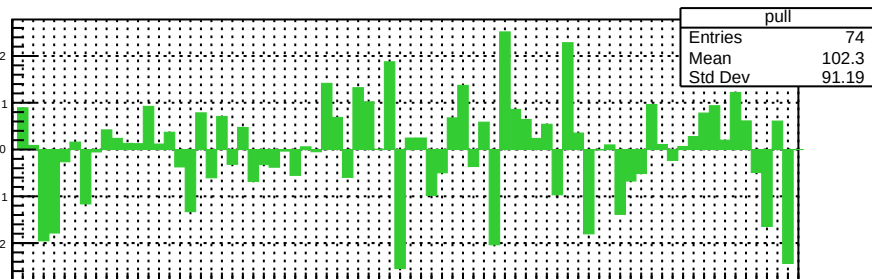
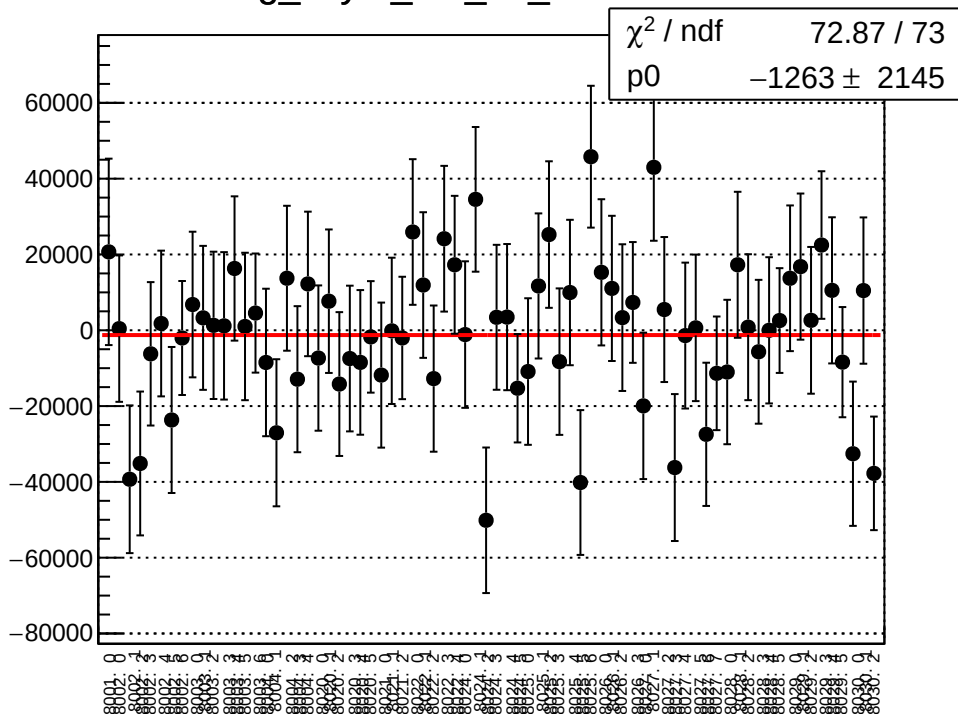
asym\_at1\_avg\_mean vs run



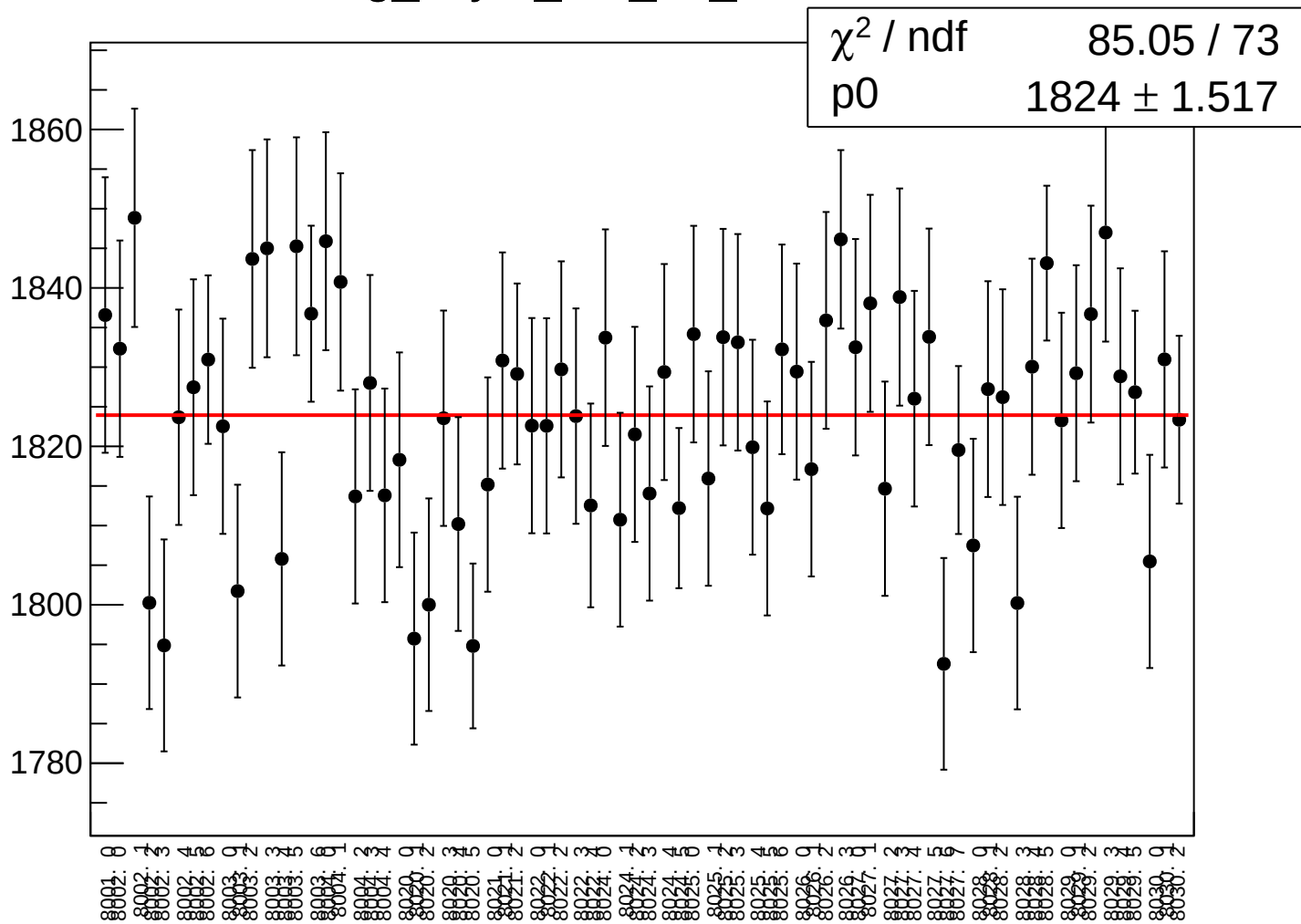
asym\_at1\_avg\_rms vs run



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

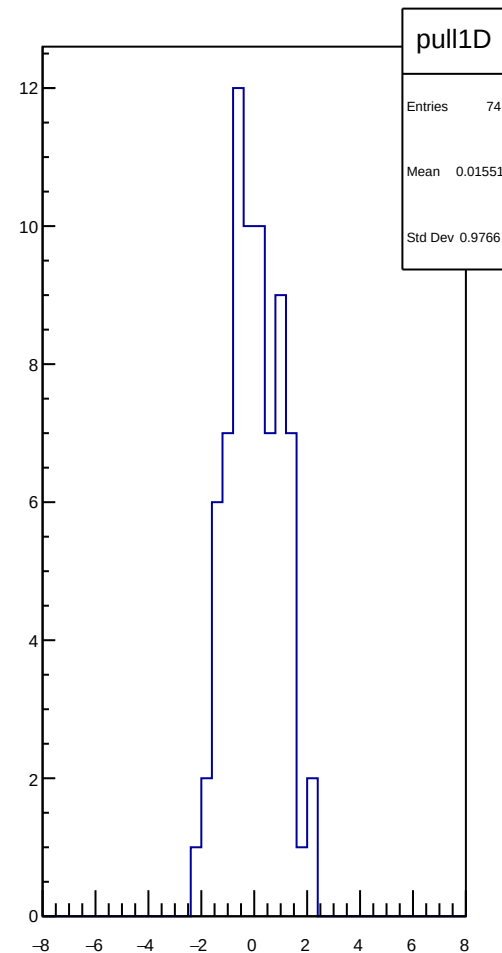
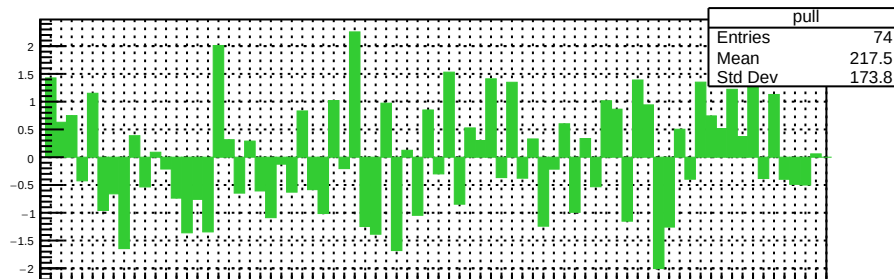
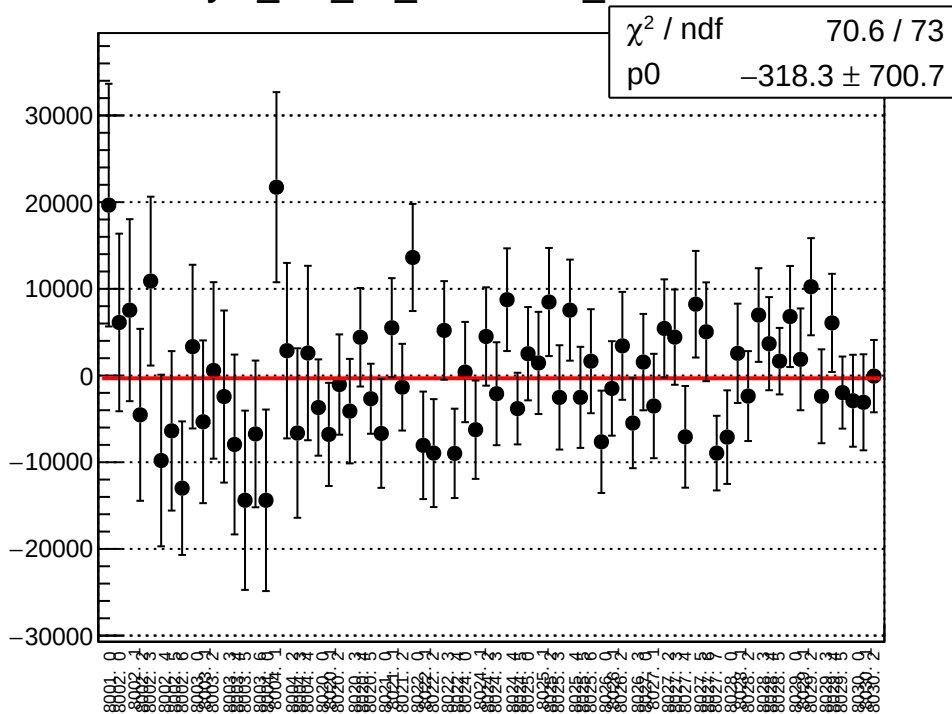


# reg\_asym\_at1\_dd\_rms vs run

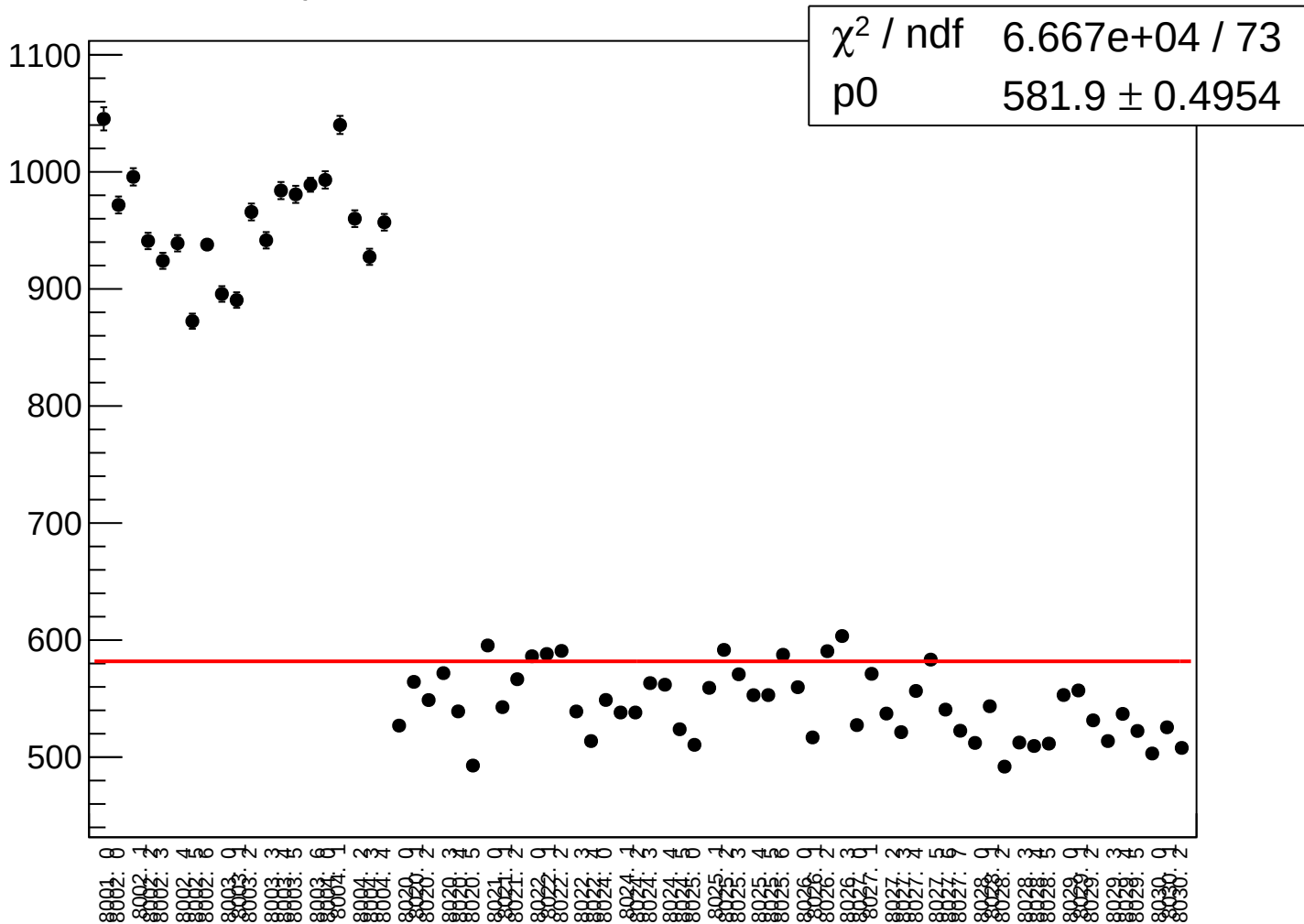




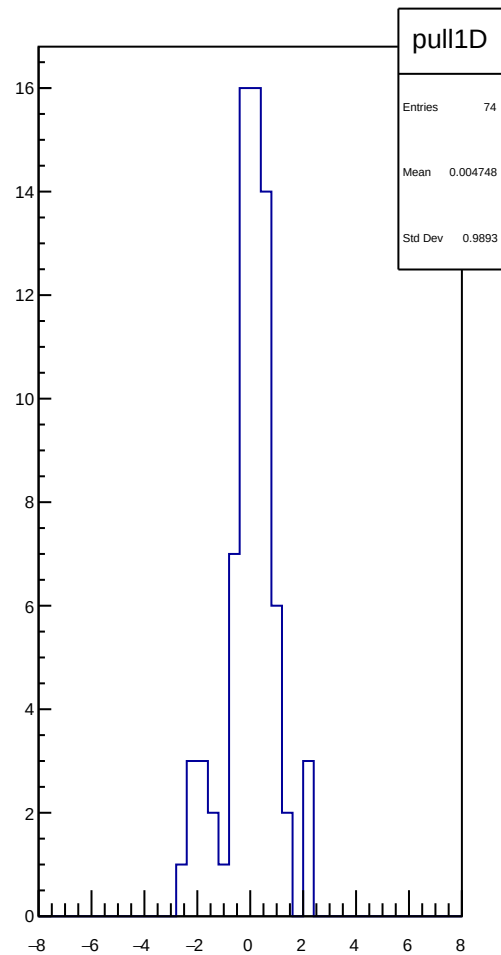
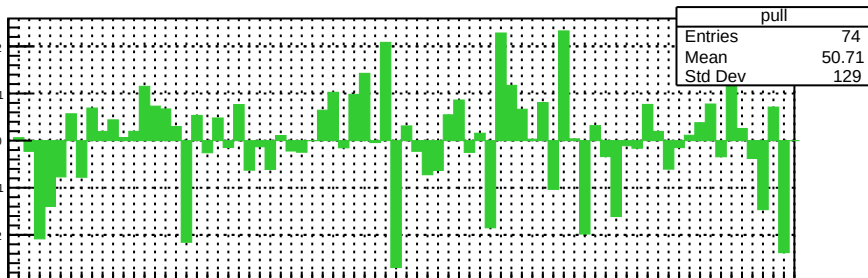
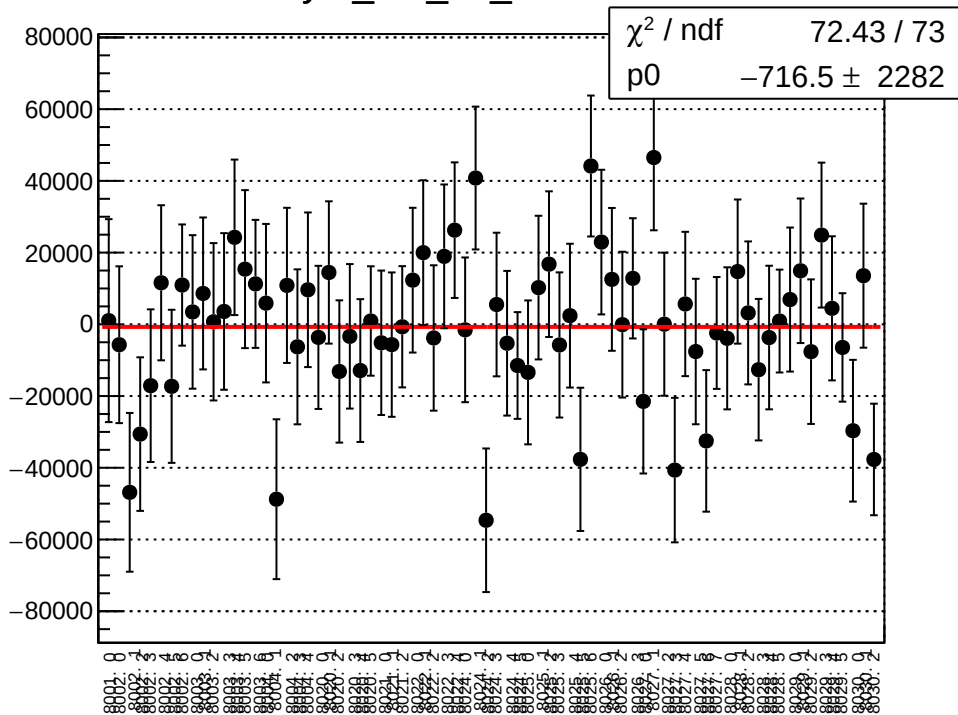
asym\_at1\_dd\_correction\_mean vs run



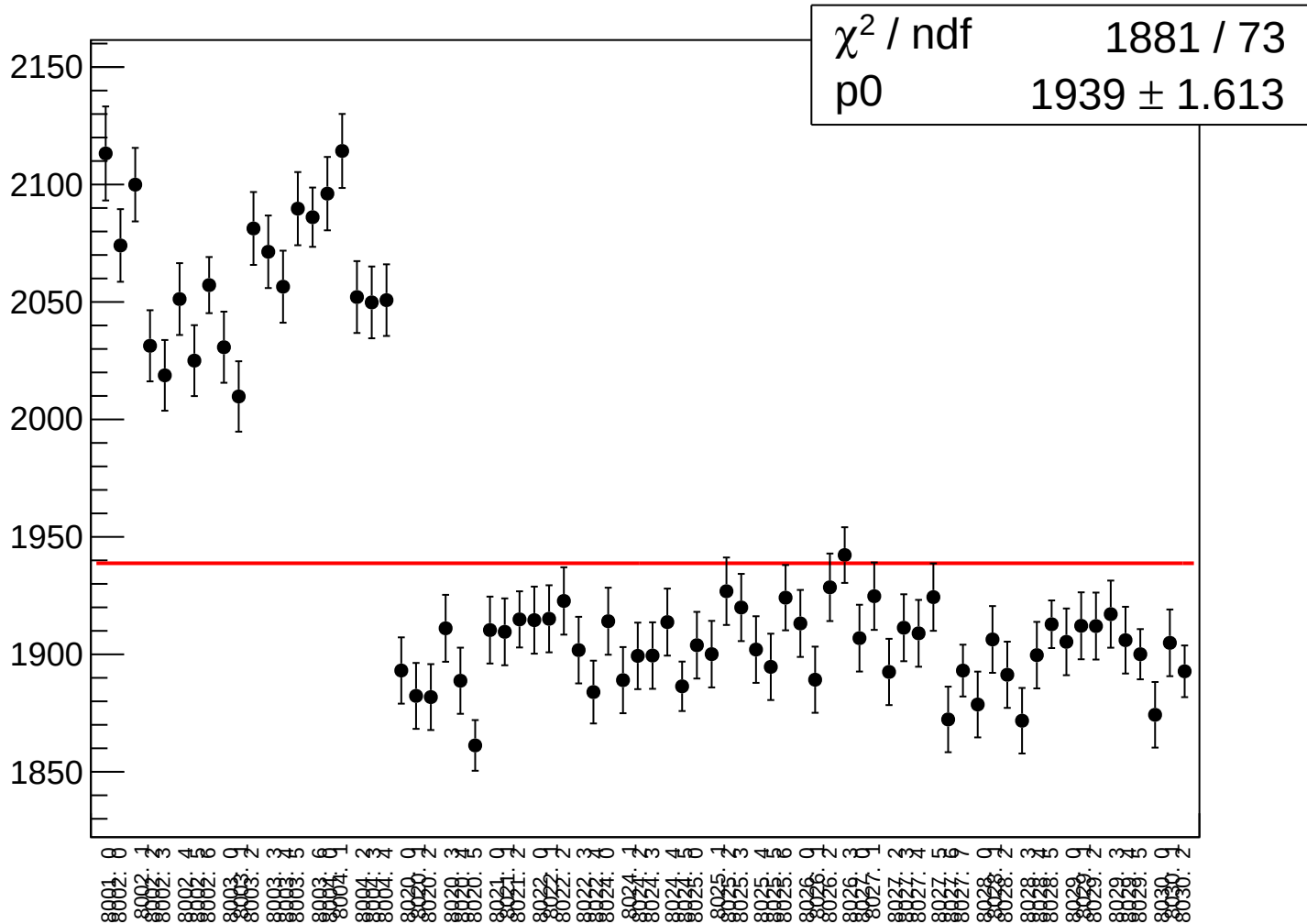
# asym\_at1\_dd\_correction\_rms vs run



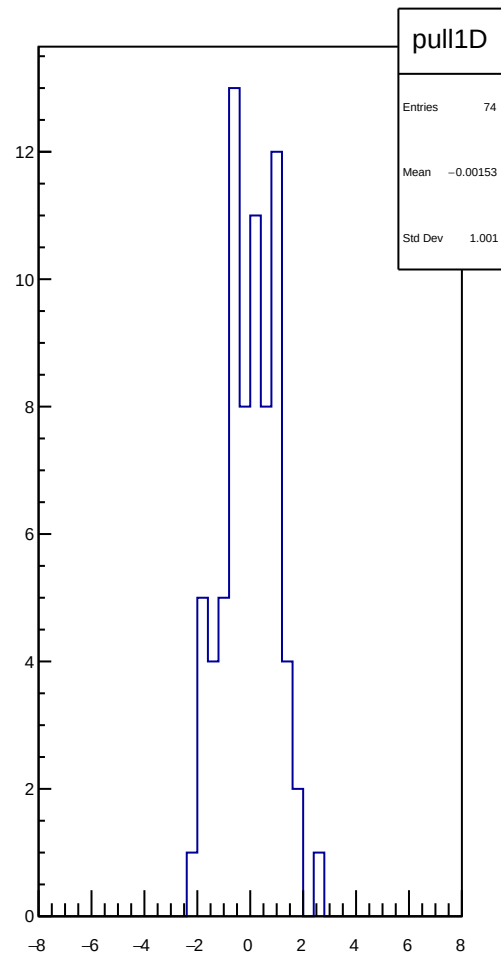
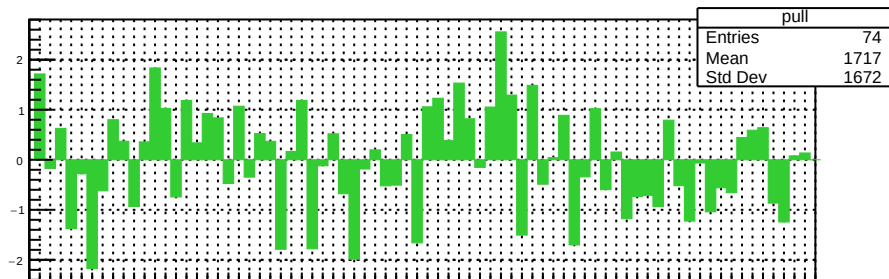
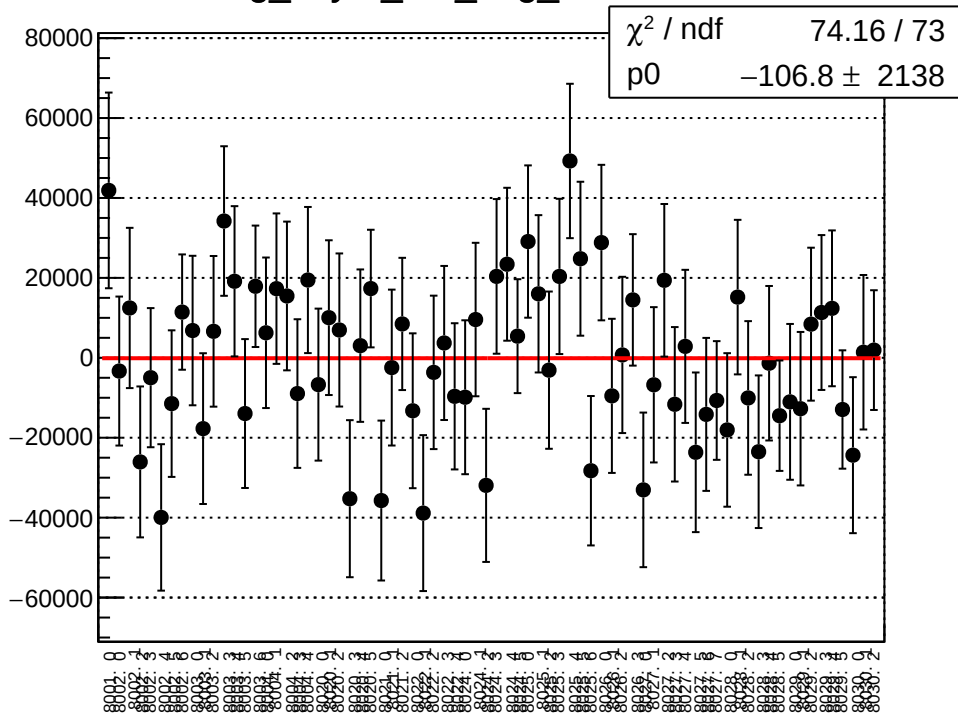
asym\_at1\_dd\_mean vs run



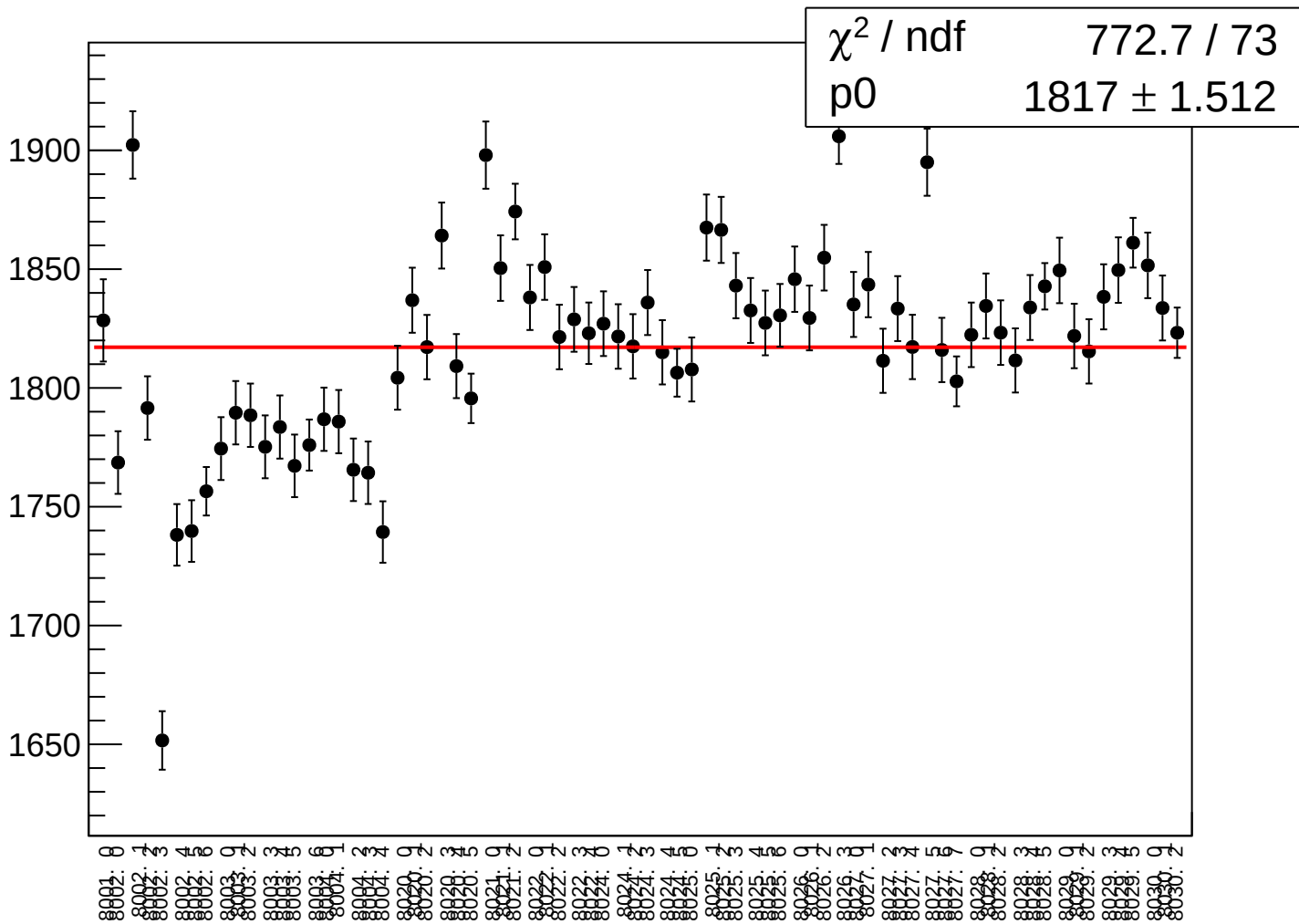
# asym\_at1\_dd\_rms vs run



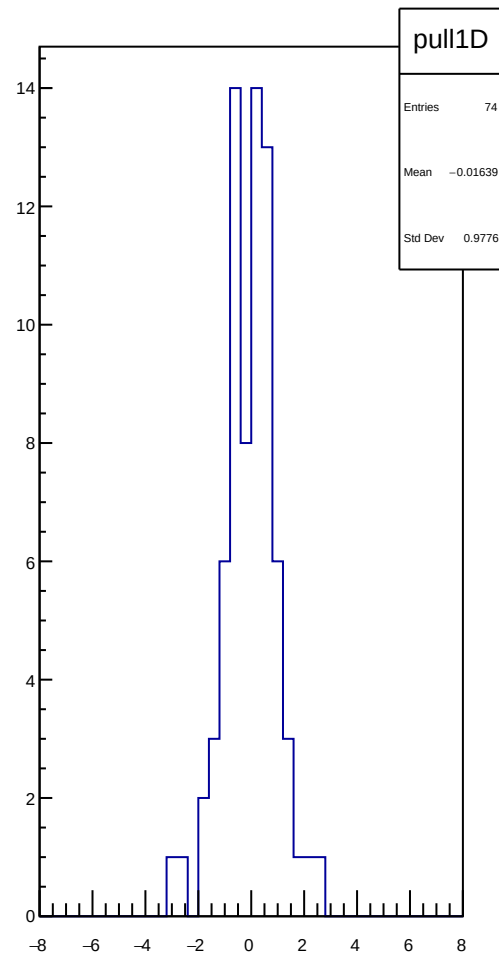
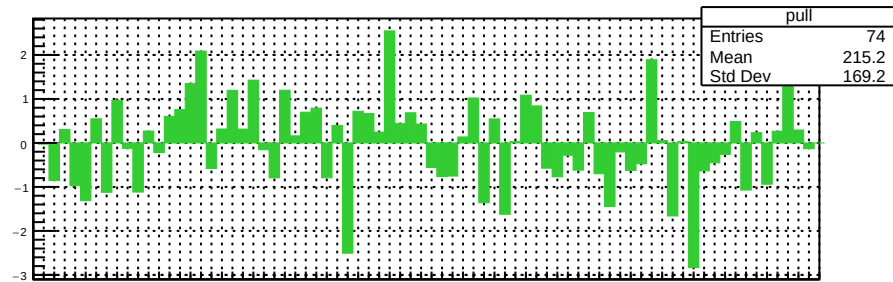
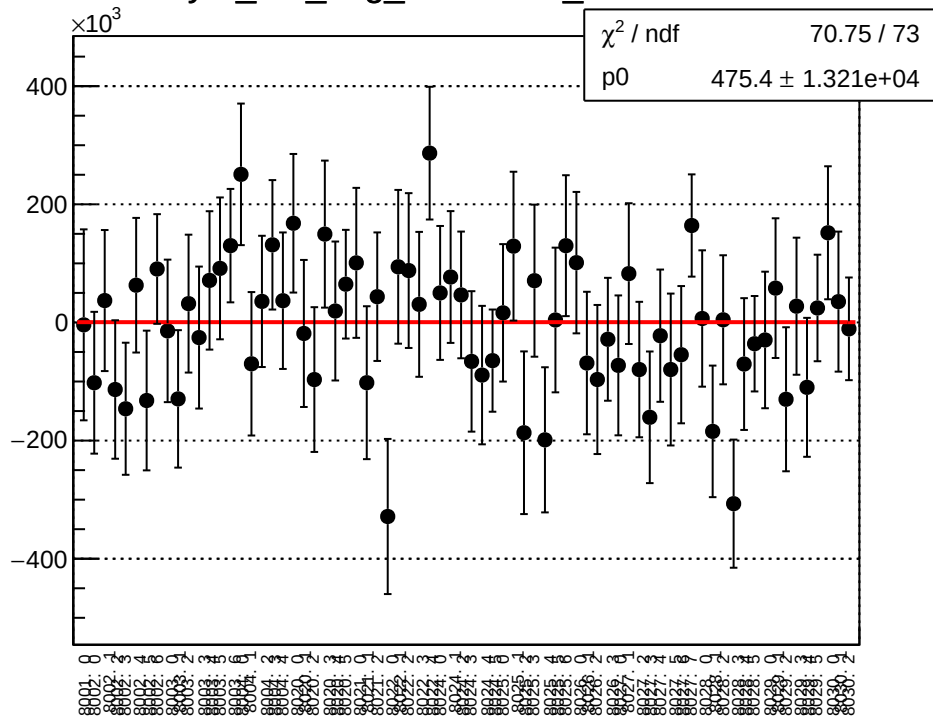
reg\_asym\_at2\_avg\_mean vs run



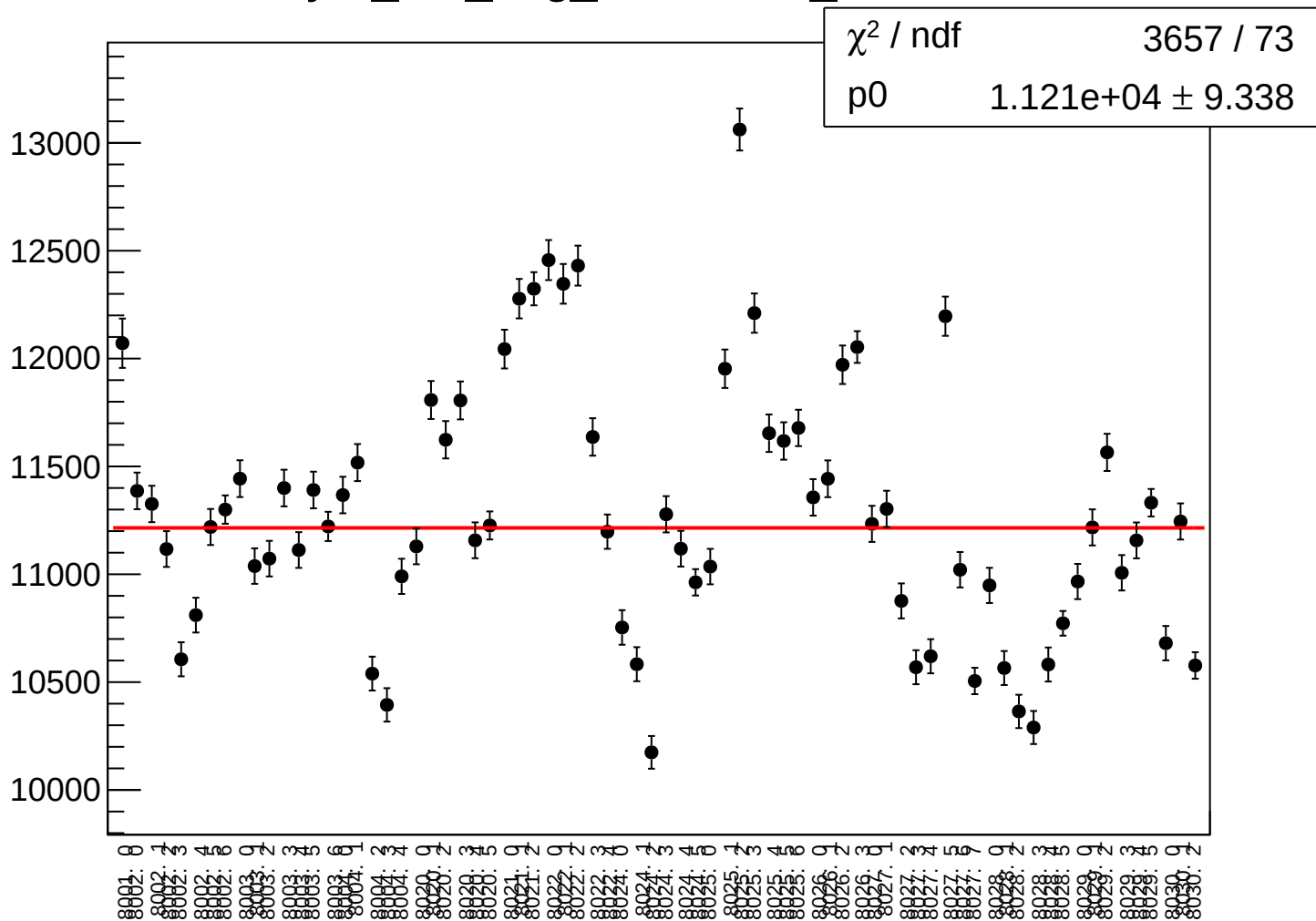
## reg\_asym\_at2\_avg\_rms vs run



asym\_at2\_avg\_correction\_mean vs run

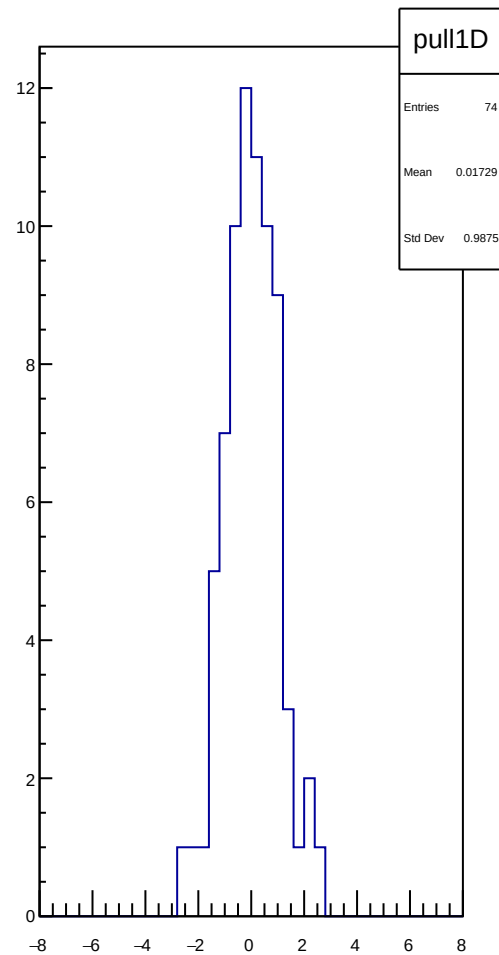
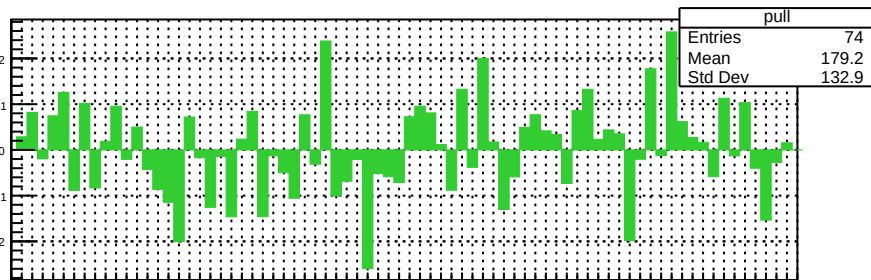
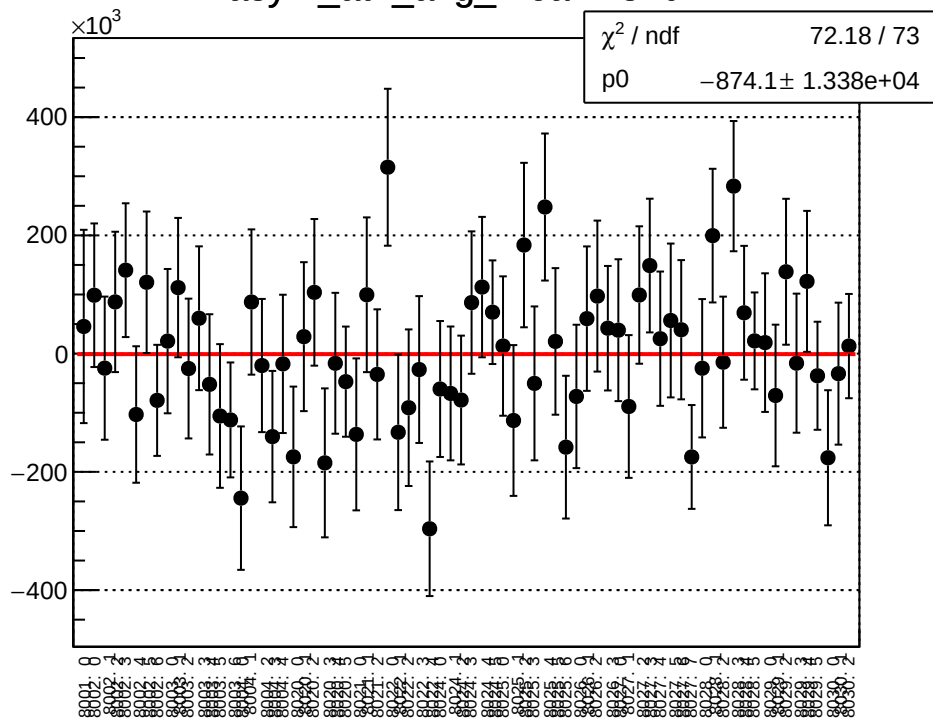


# asym\_at2\_avg\_correction\_rms vs run

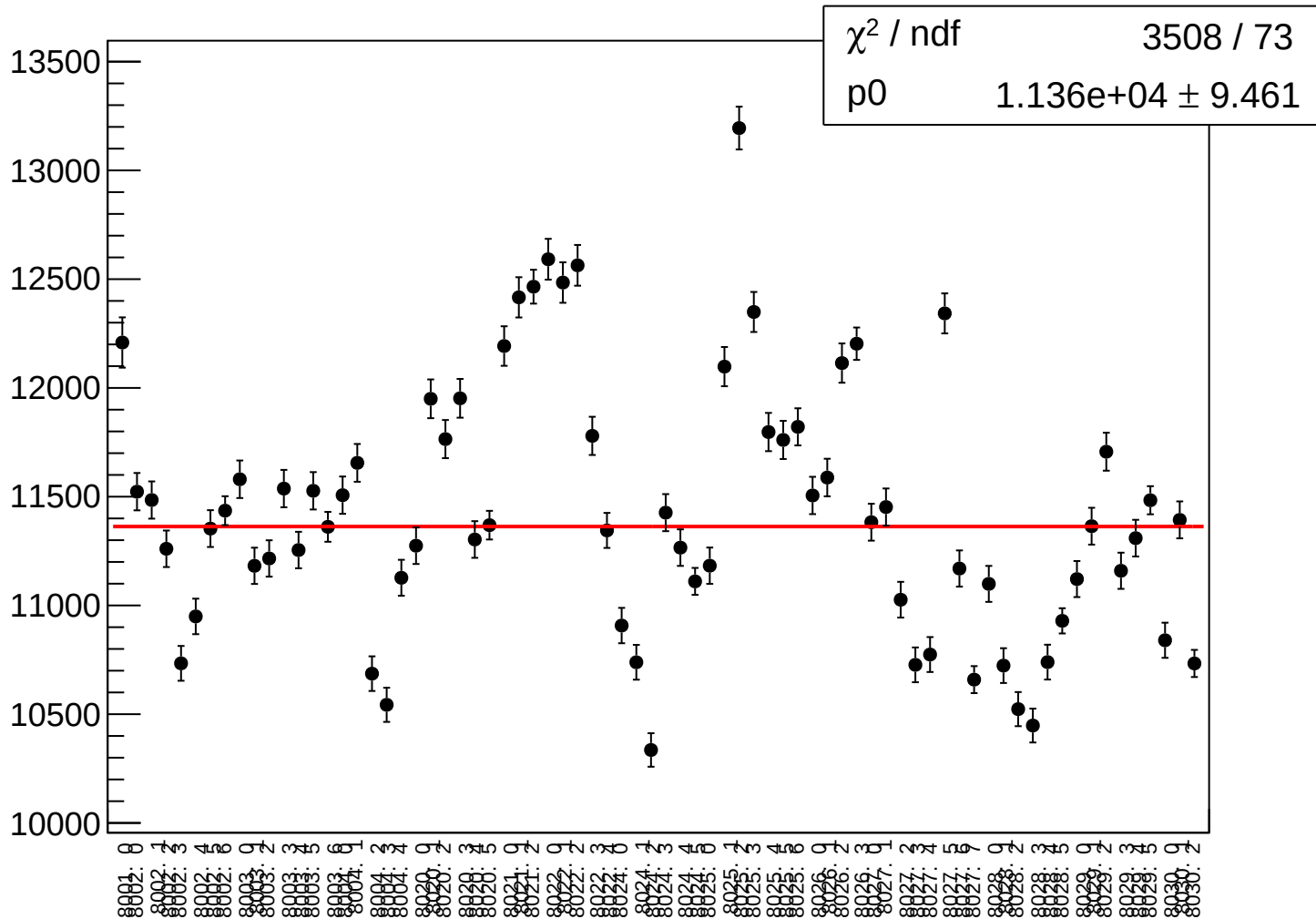




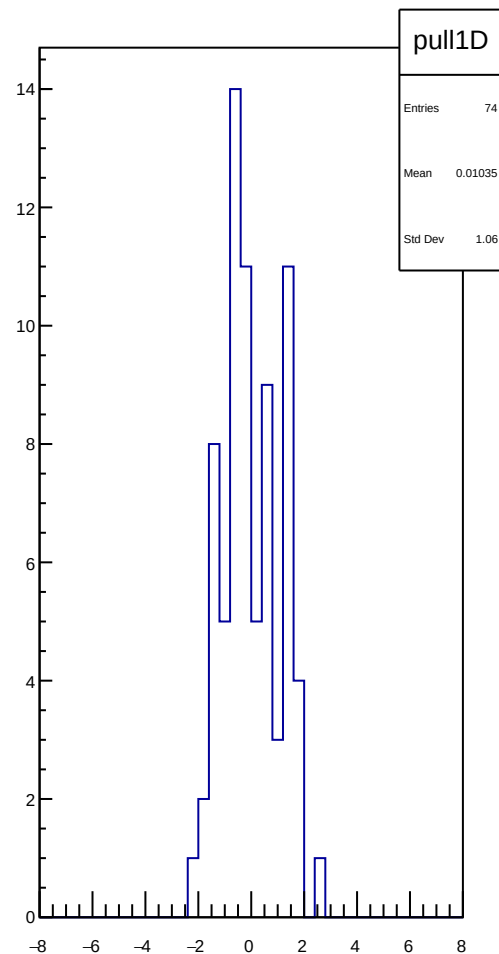
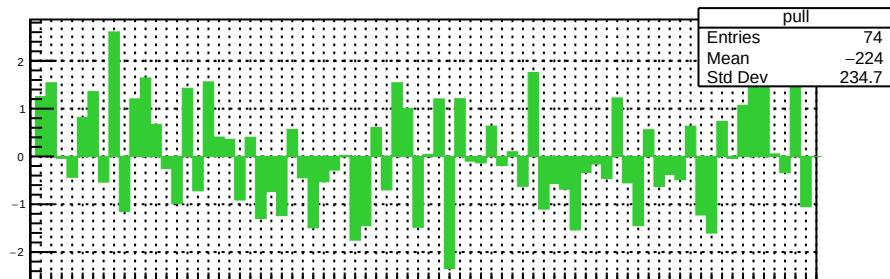
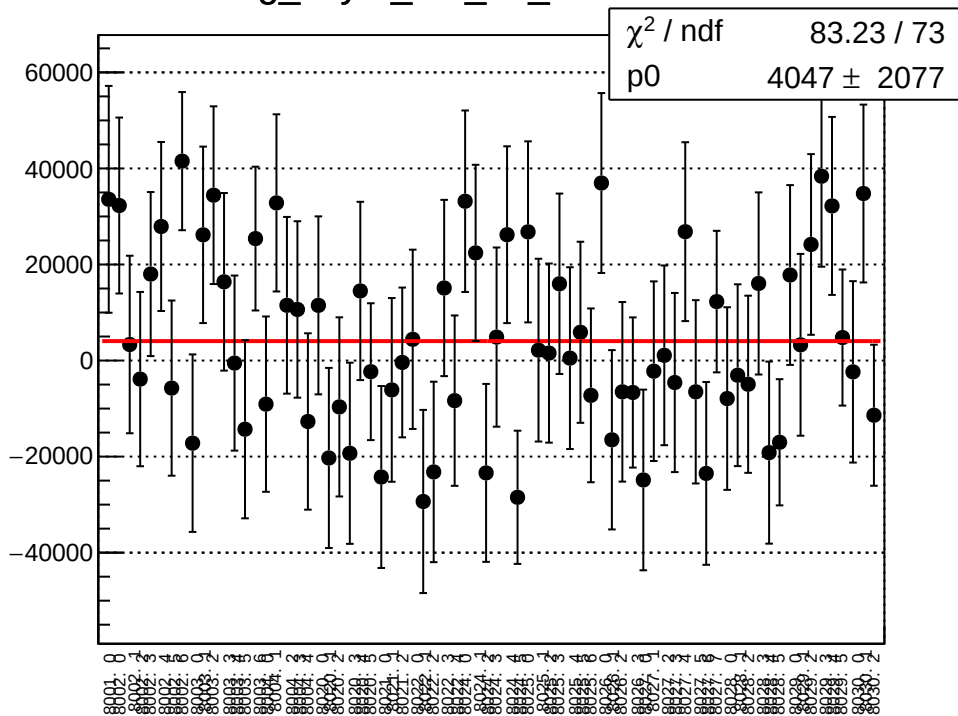
asym\_at2\_avg\_mean vs run



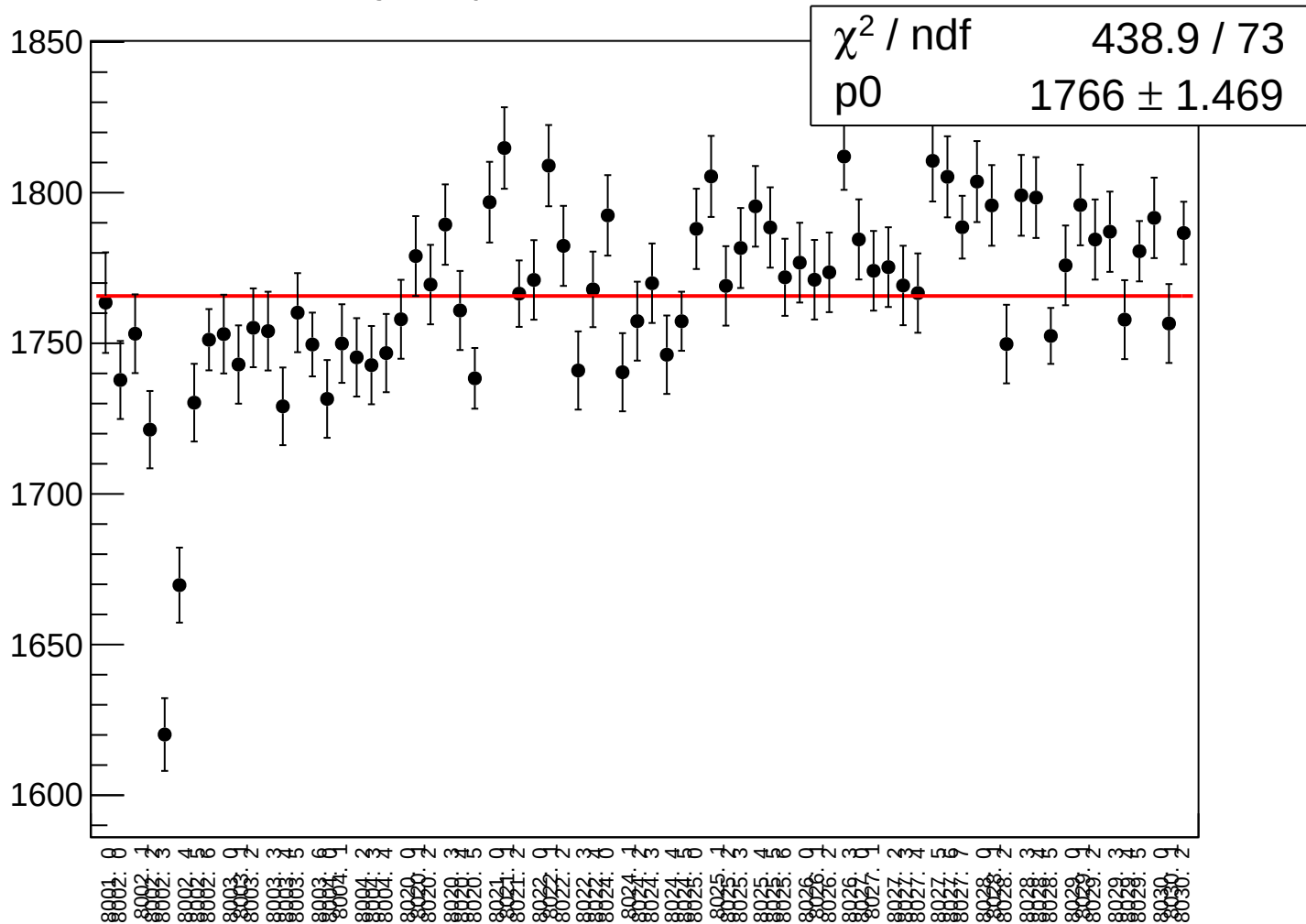
# asym\_at2\_avg\_rms vs run



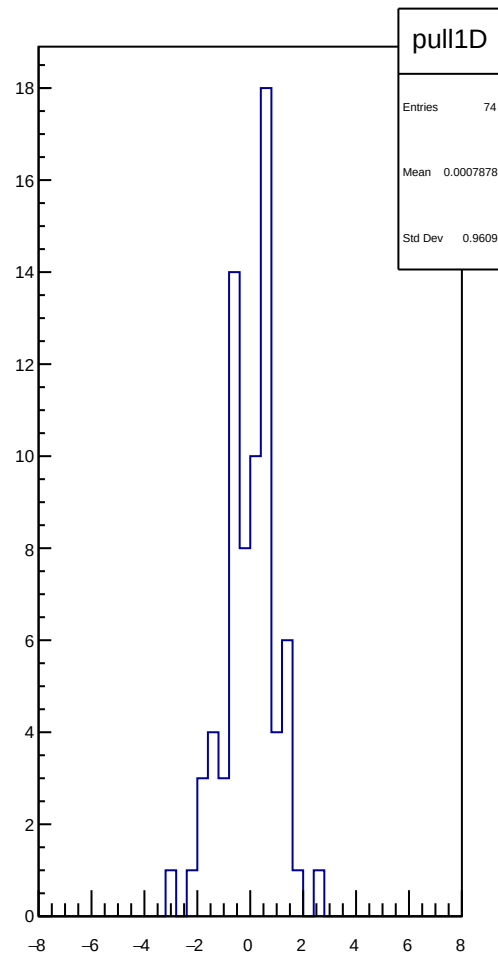
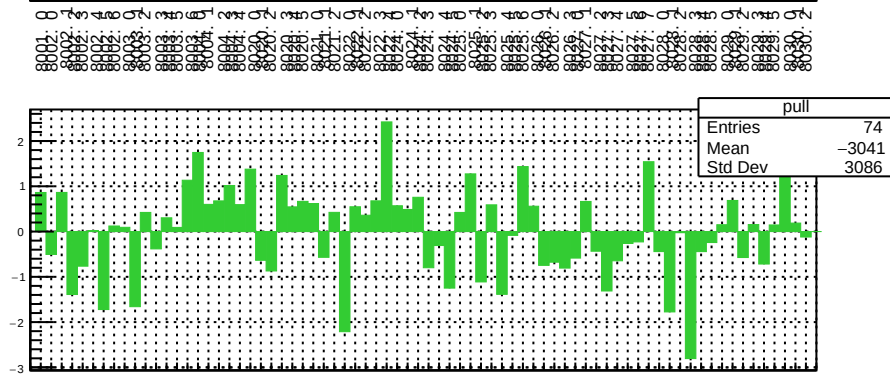
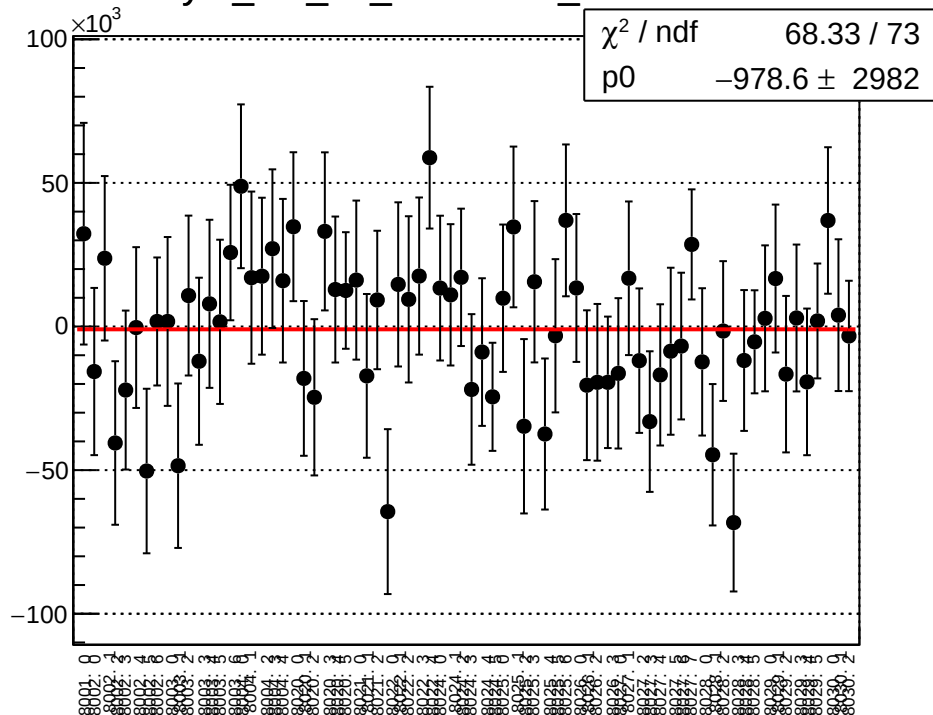
# reg\_asym\_at2\_dd\_mean vs run



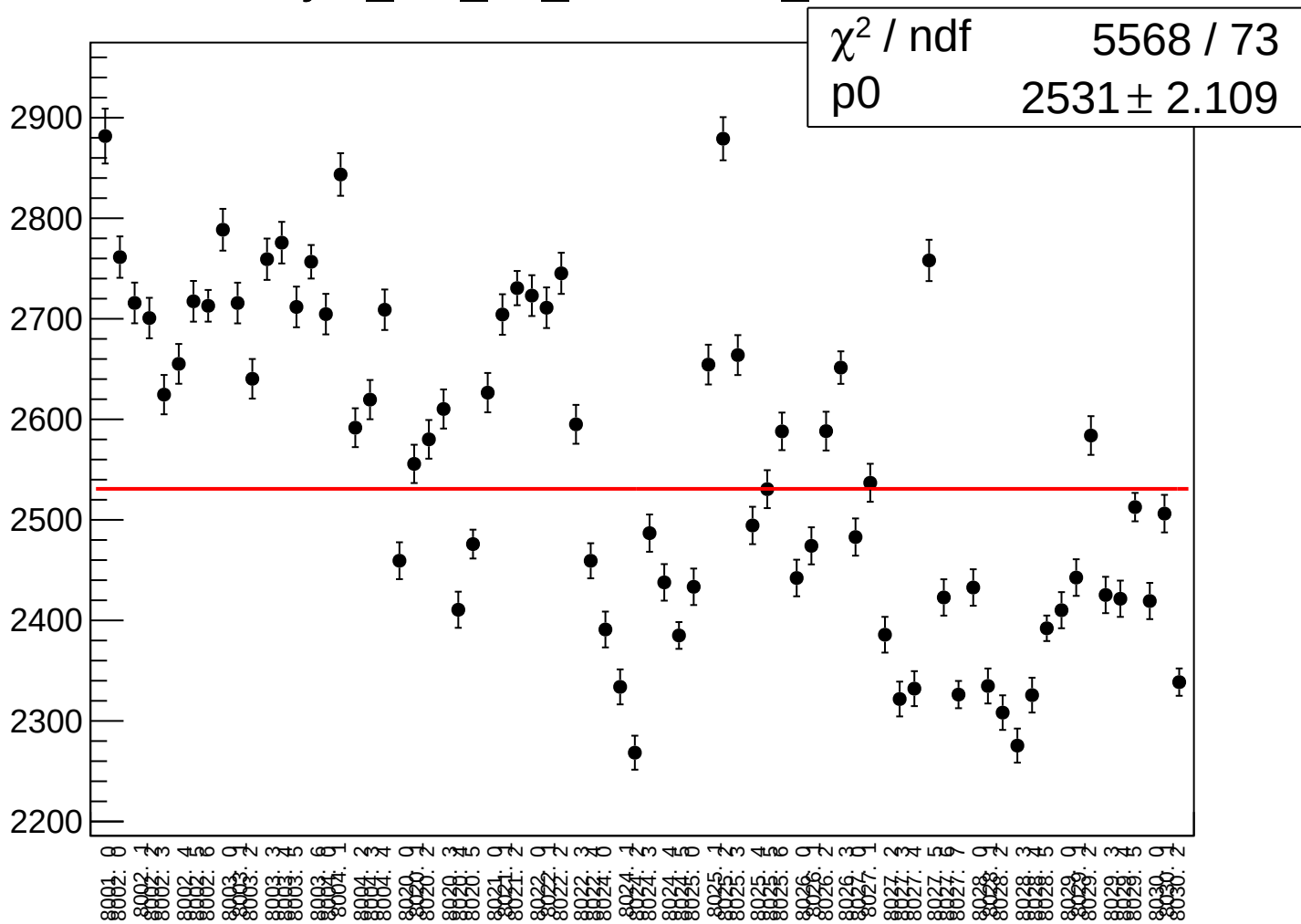
# reg\_asym\_at2\_dd\_rms vs run



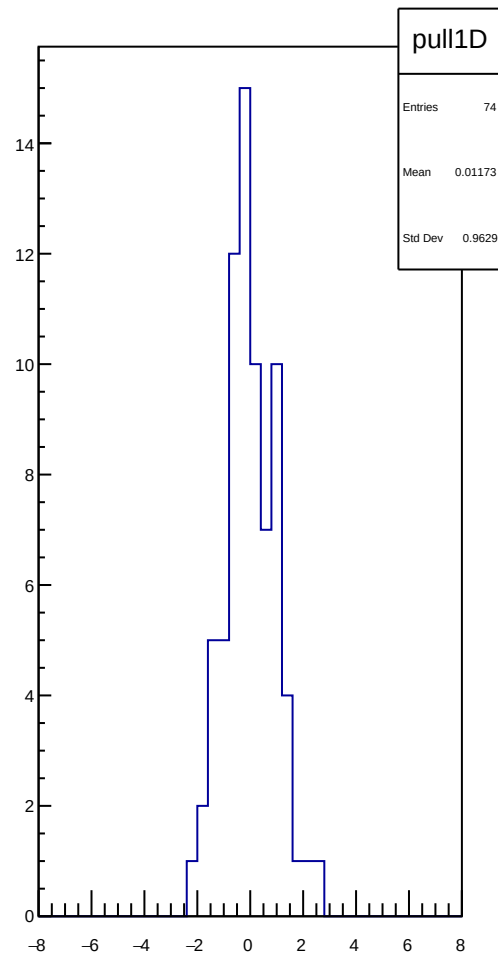
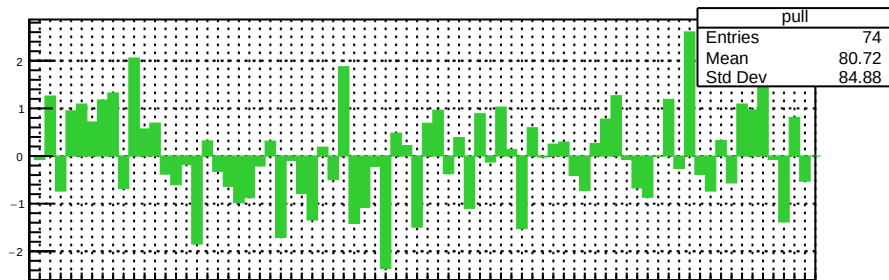
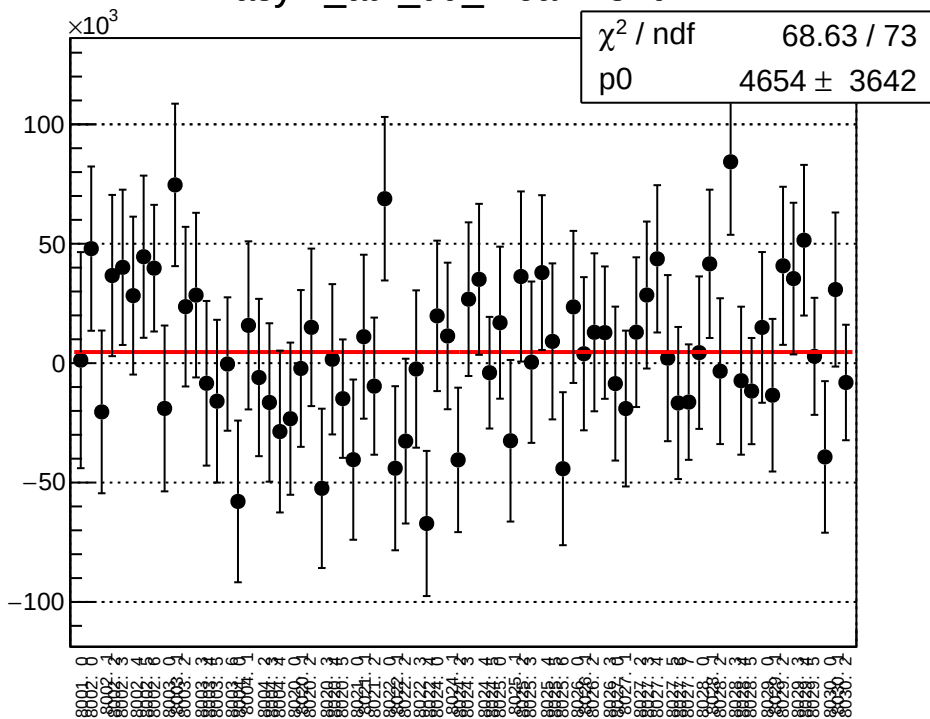
asym\_at2\_dd\_correction\_mean vs run



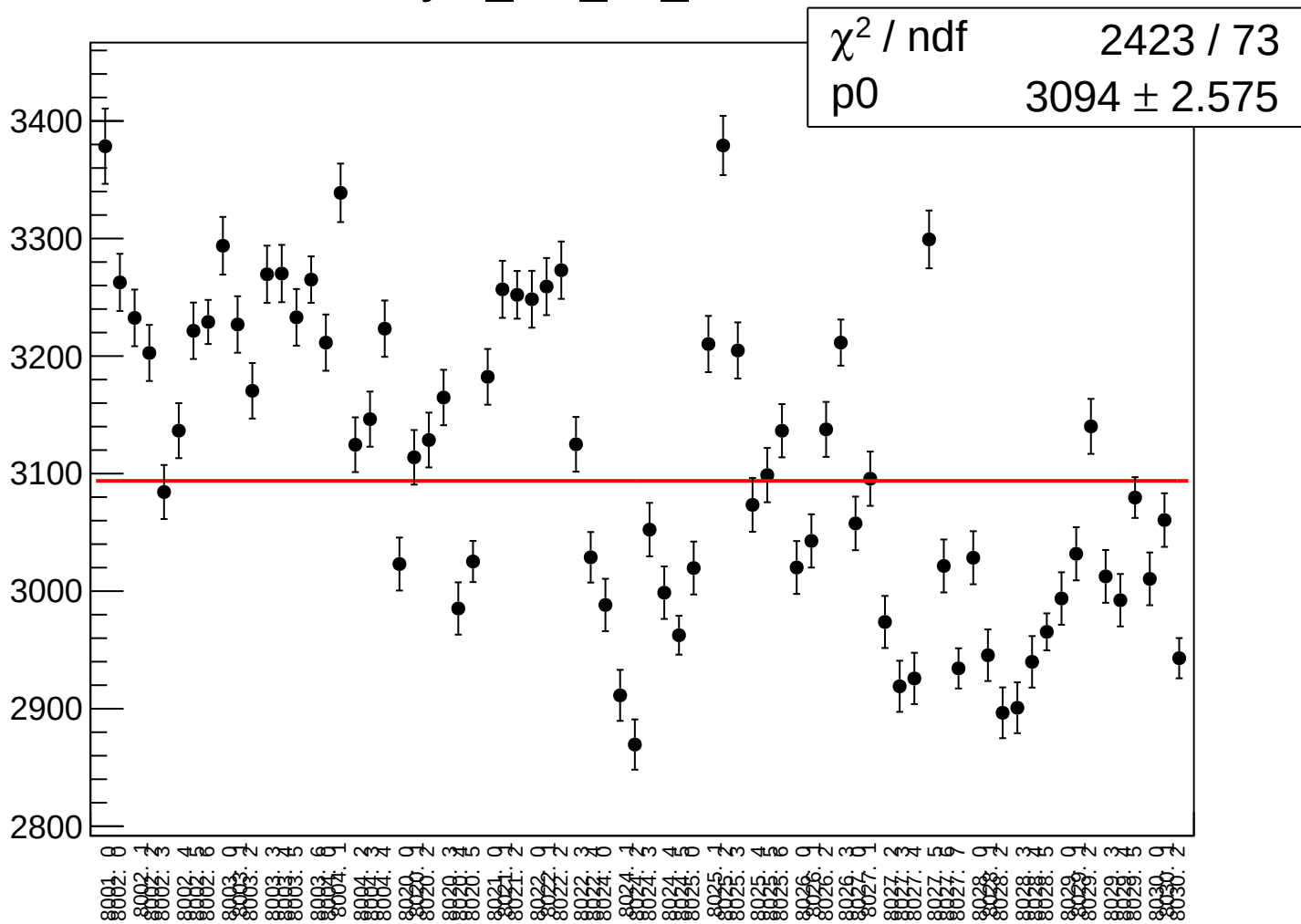
# asym\_at2\_dd\_correction\_rms vs run



asym\_at2\_dd\_mean vs run

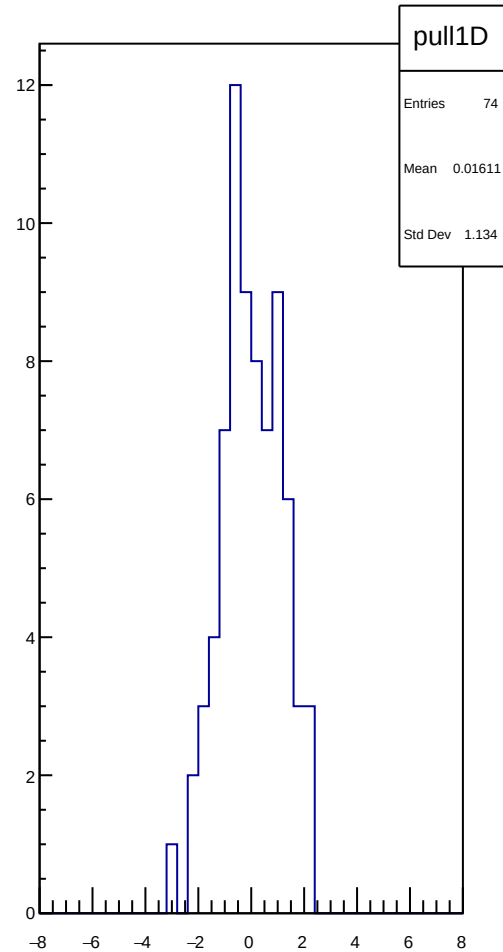
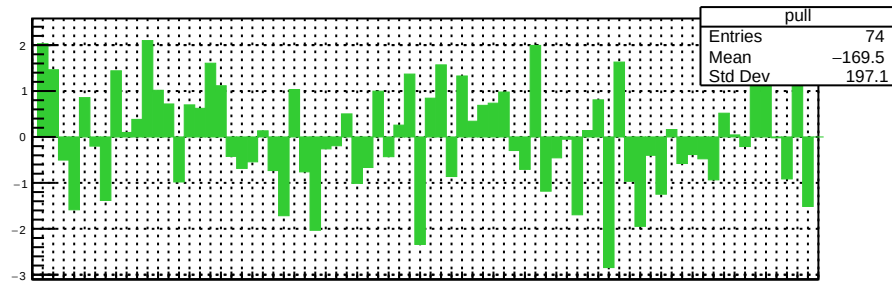
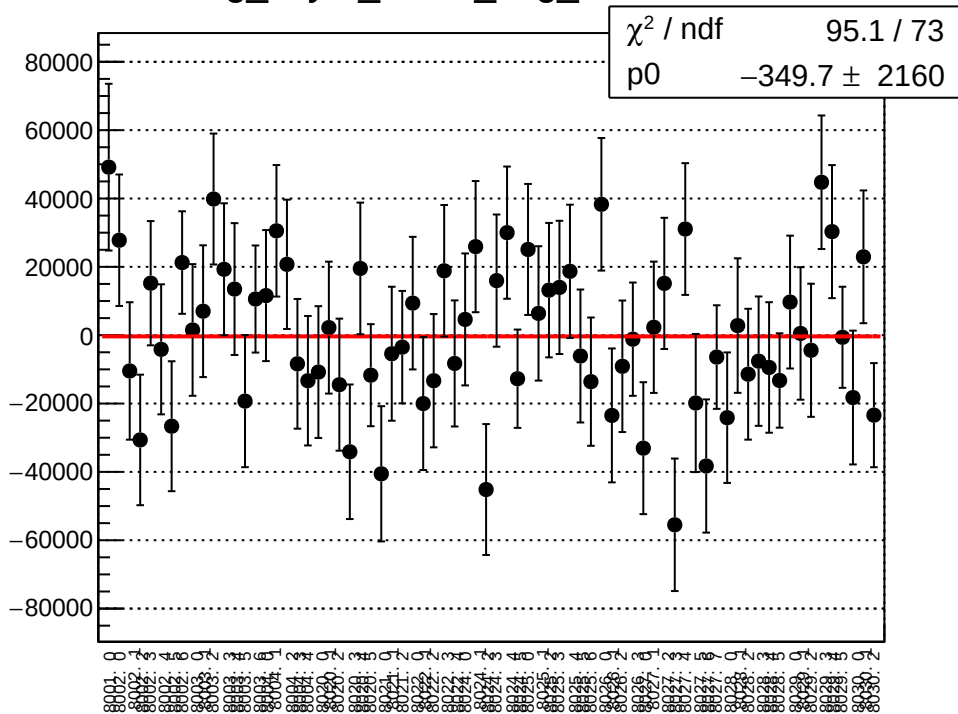


# asym\_at2\_dd\_rms vs run

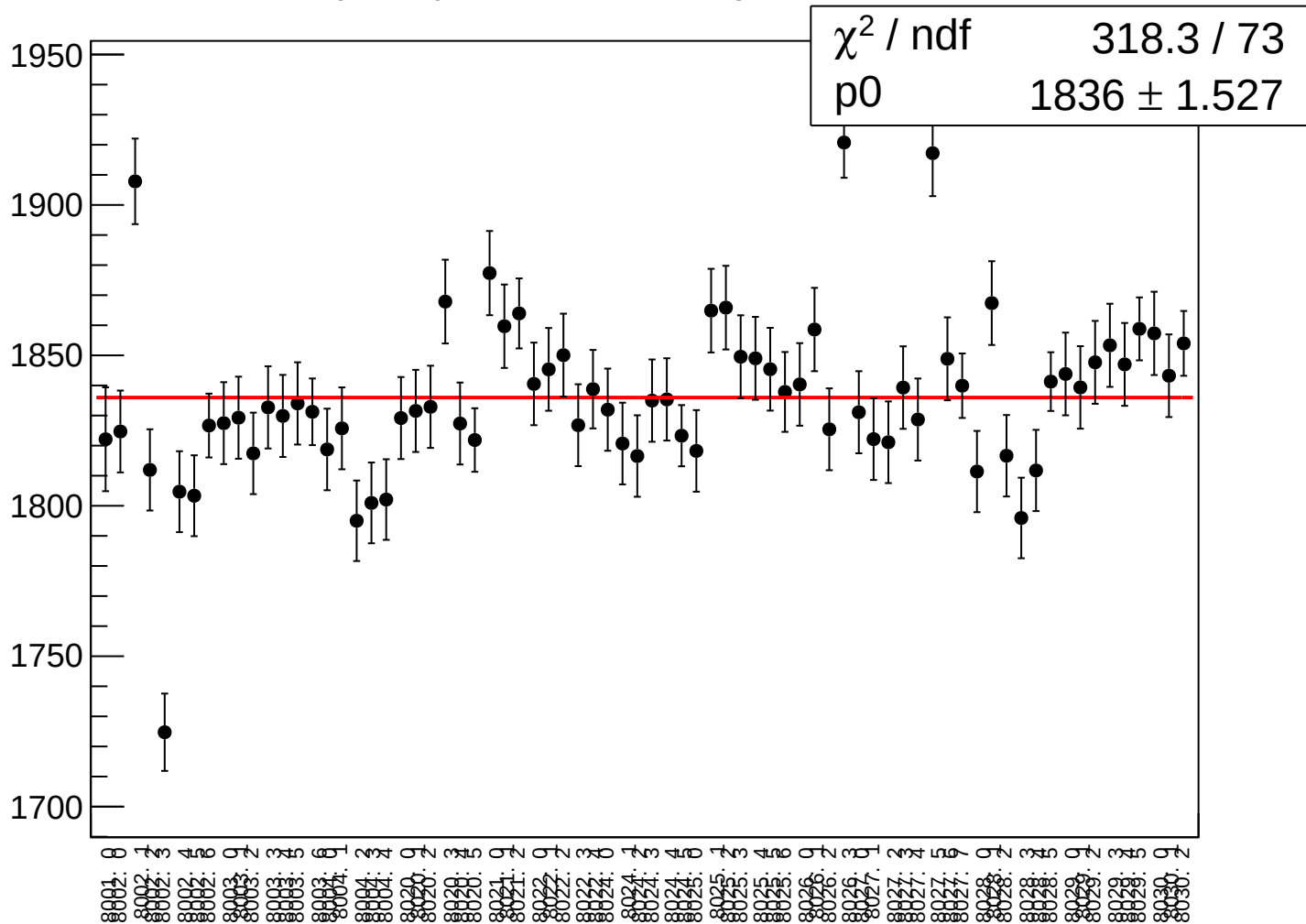




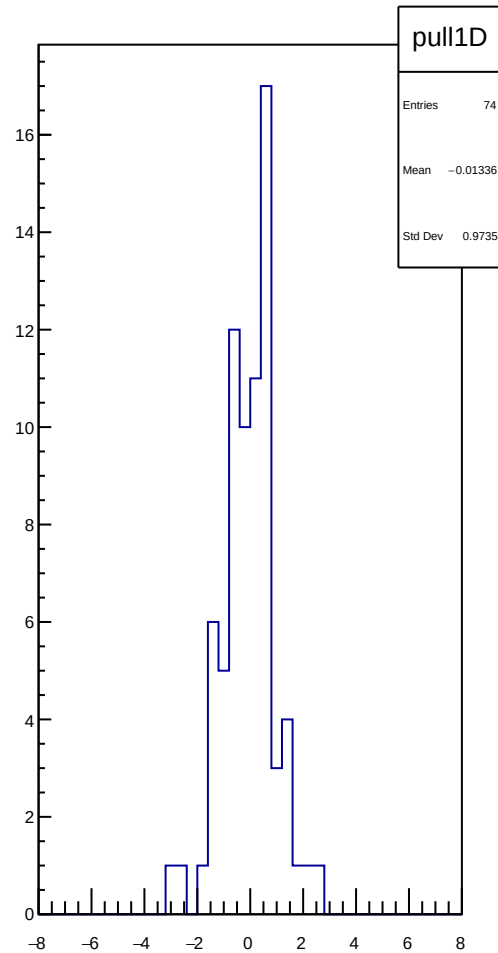
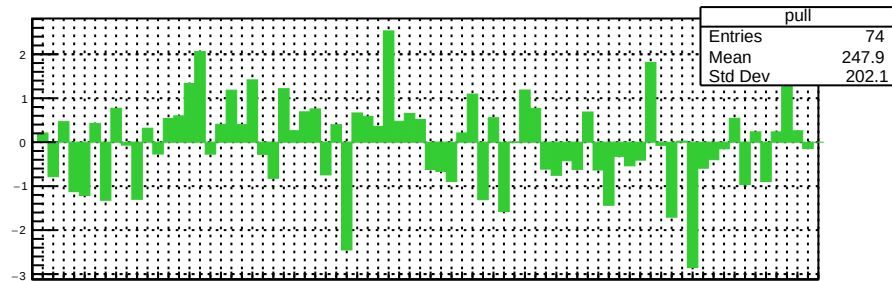
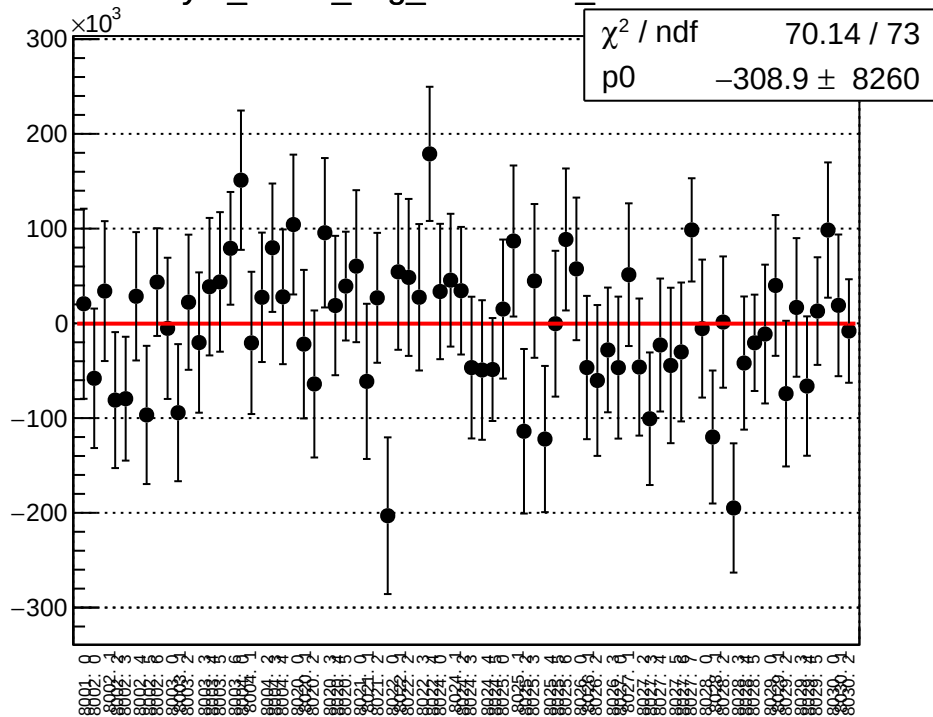
reg\_asym\_atl1r2\_avg\_mean vs run



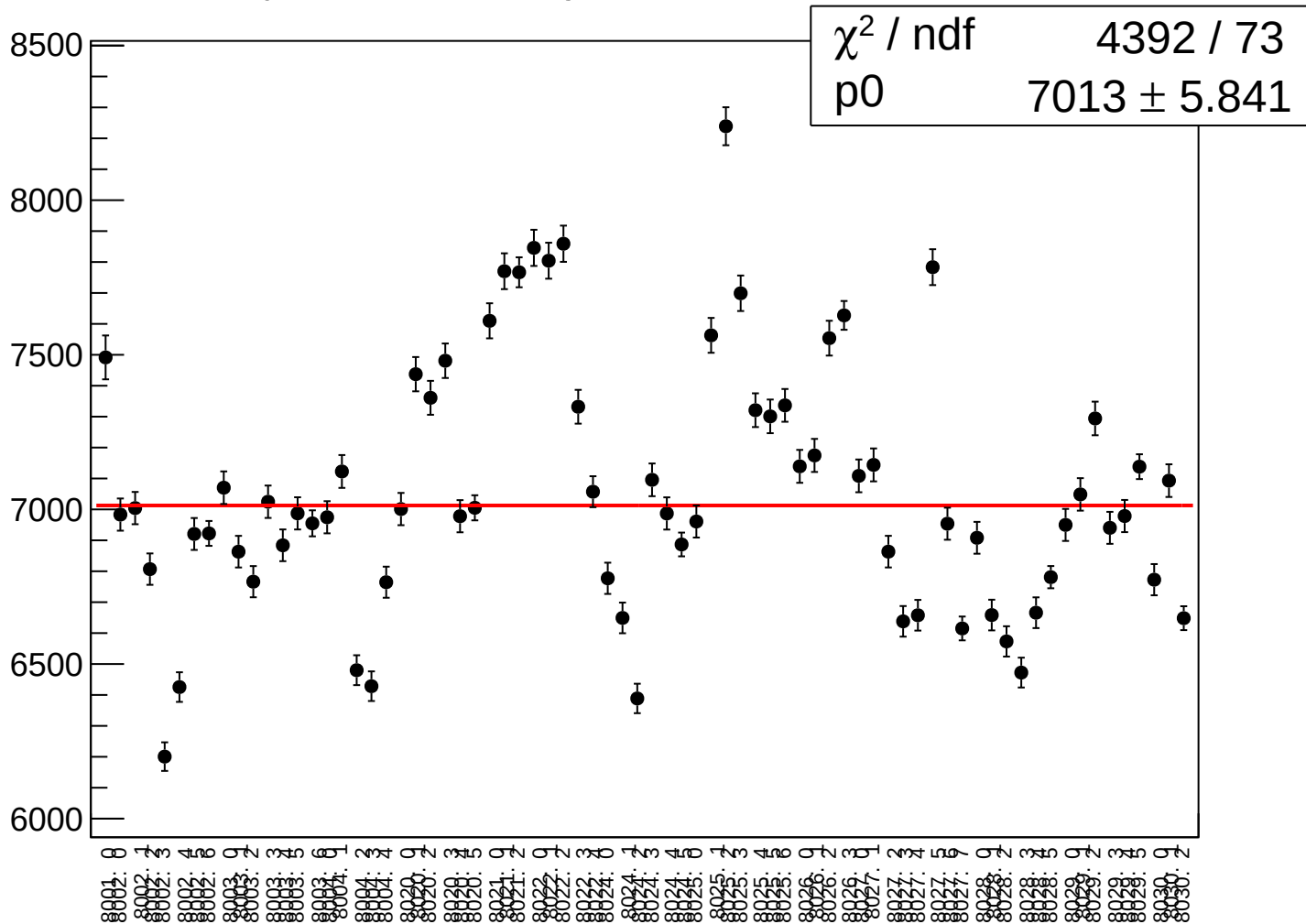
# reg\_asym\_atl1r2\_avg\_rms vs run



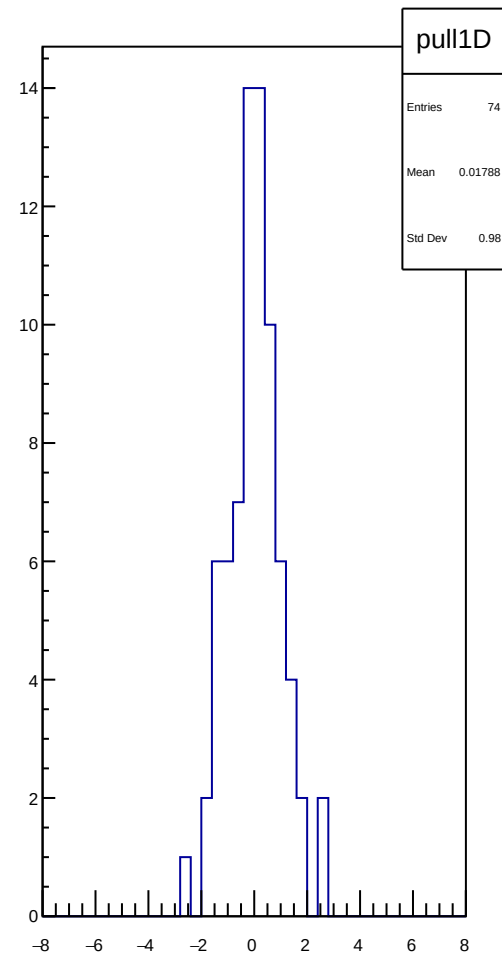
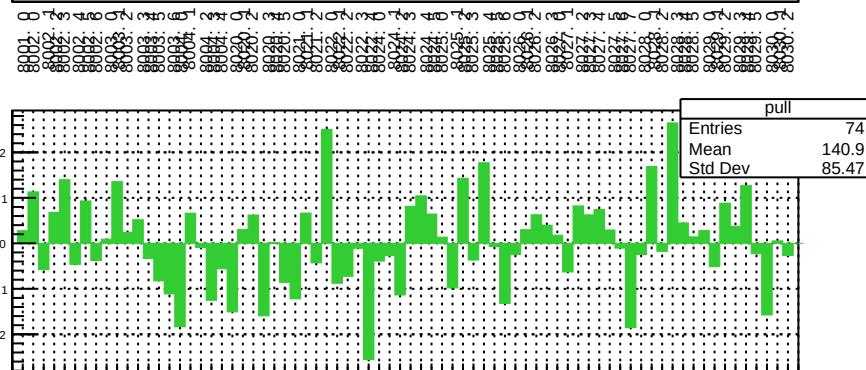
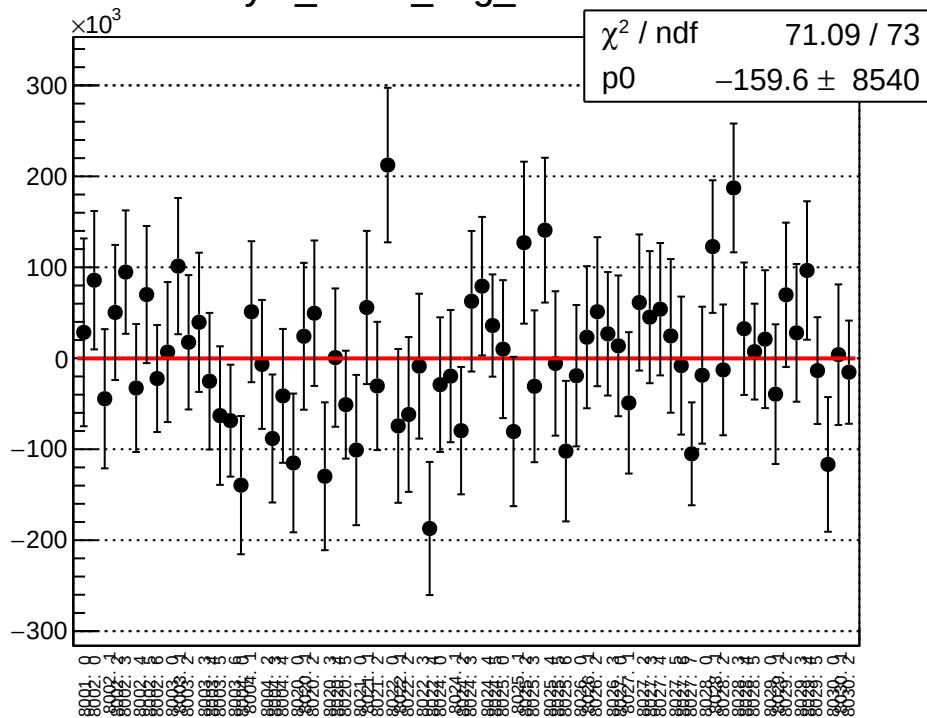
asym\_atl1r2\_avg\_correction\_mean vs run



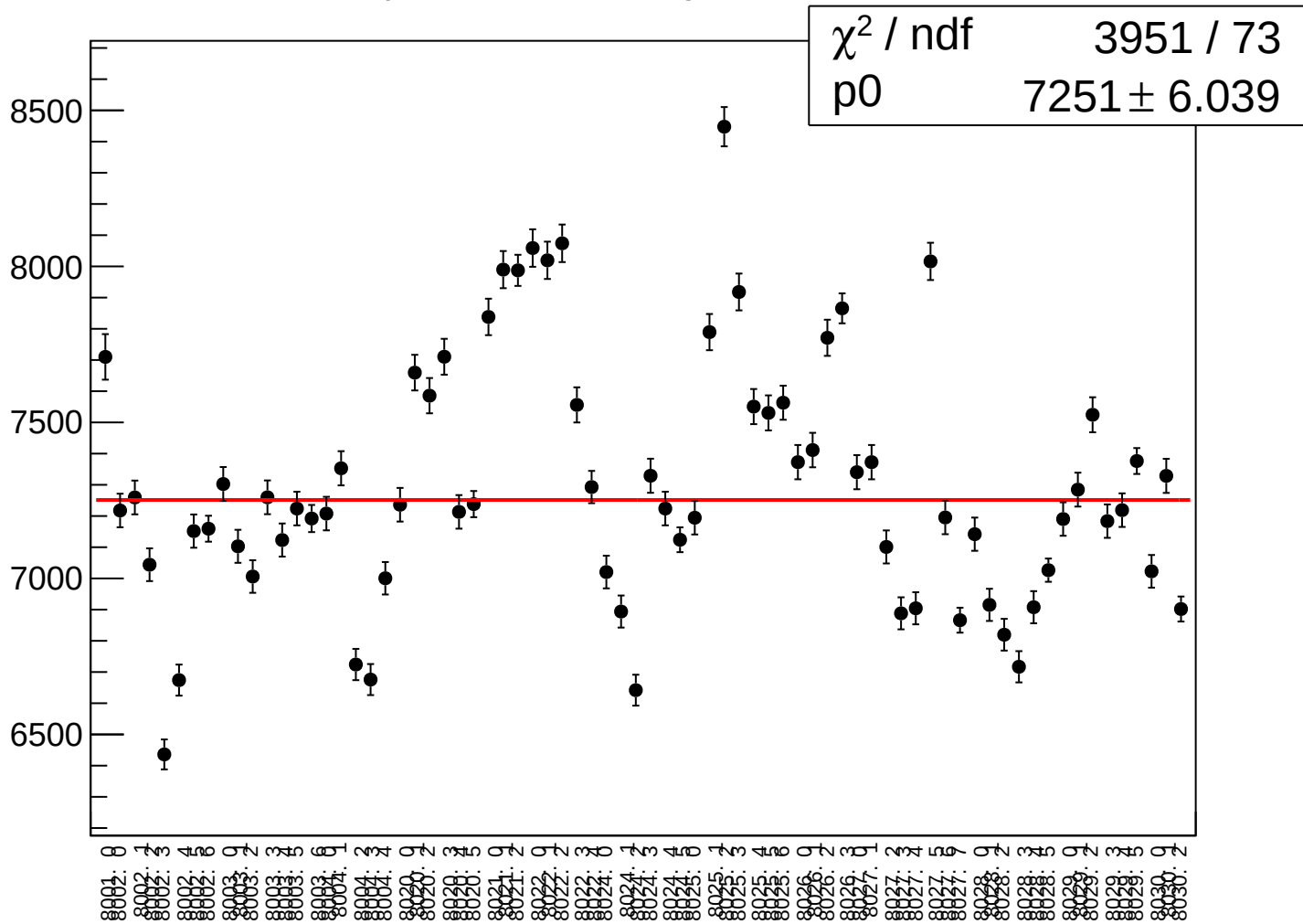
# asym\_atl1r2\_avg\_correction\_rms vs run



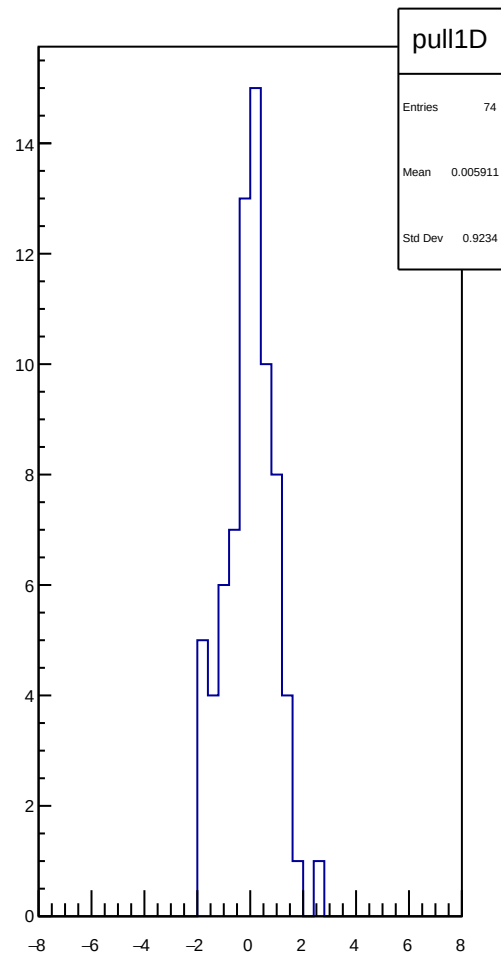
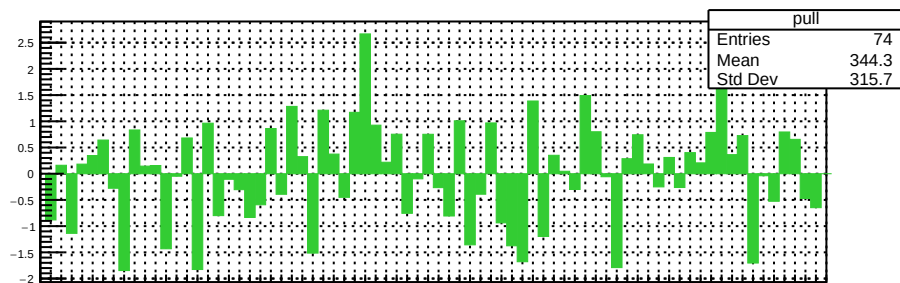
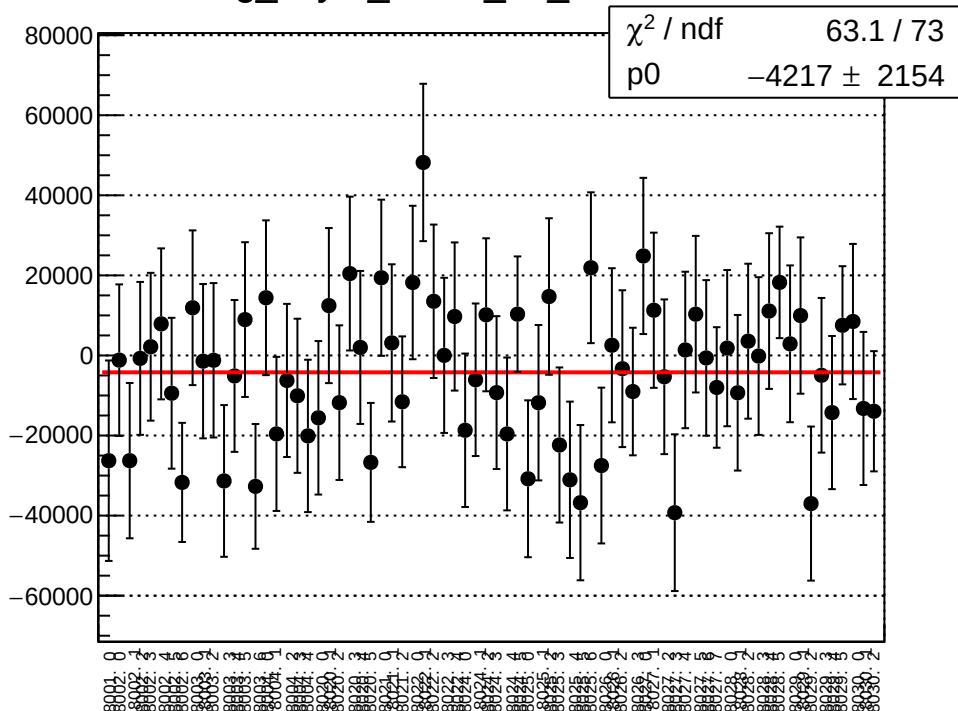
asym\_atl1r2\_avg\_mean vs run



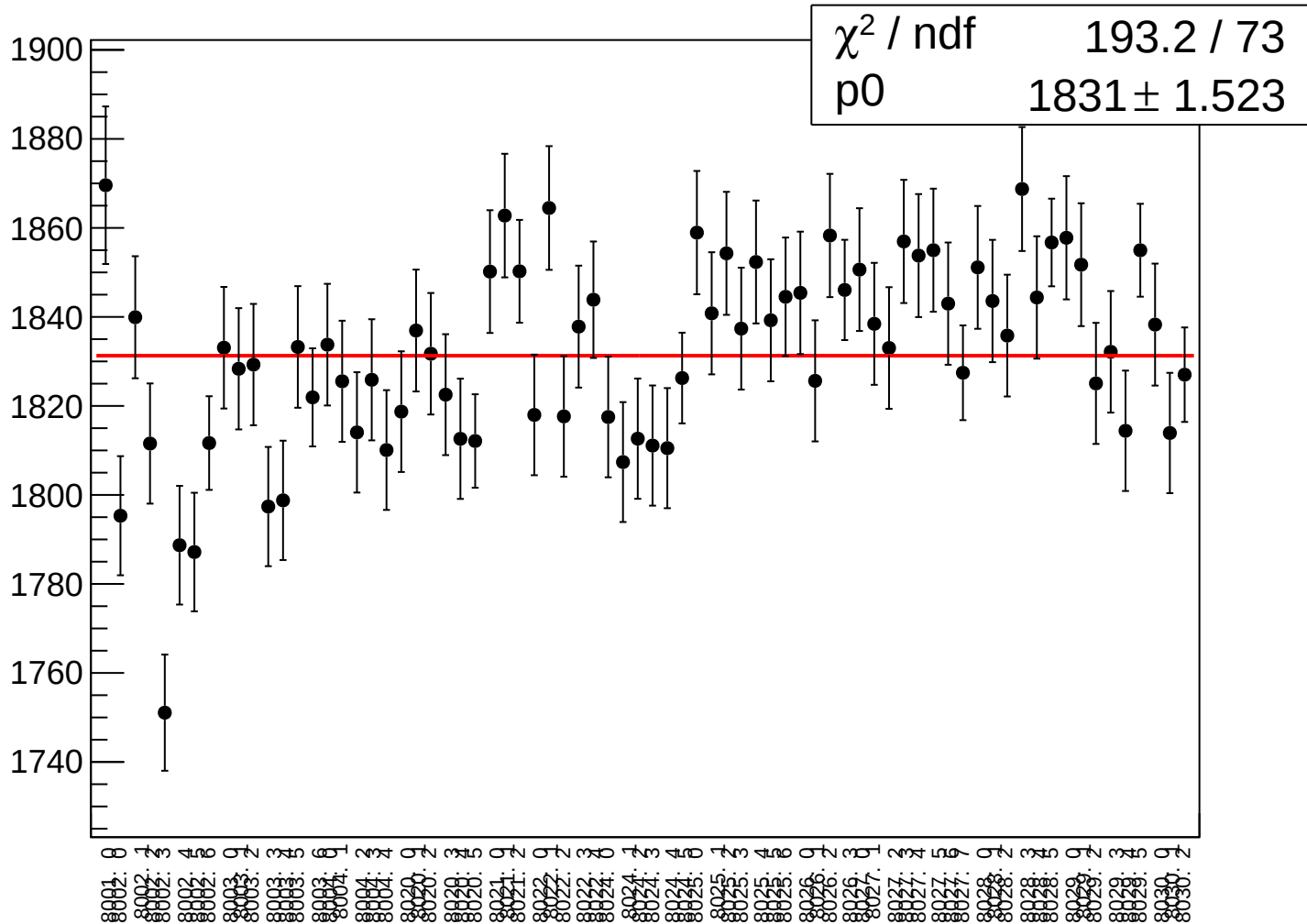
asym\_atl1r2\_avg\_rms vs run



reg\_asym\_atl1r2\_dd\_mean vs run

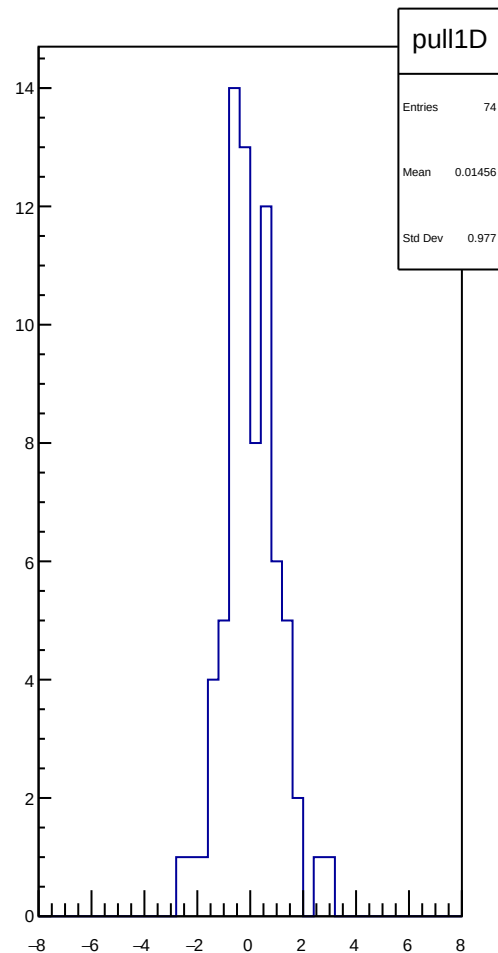
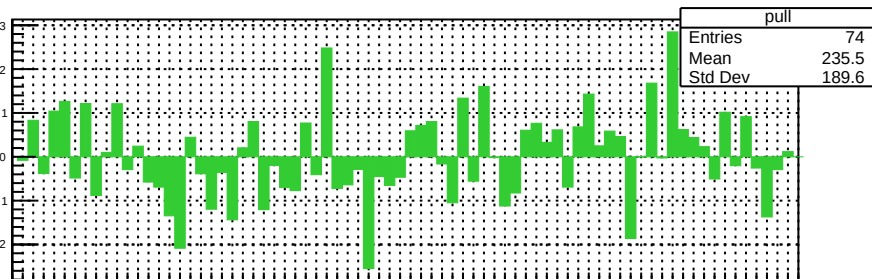
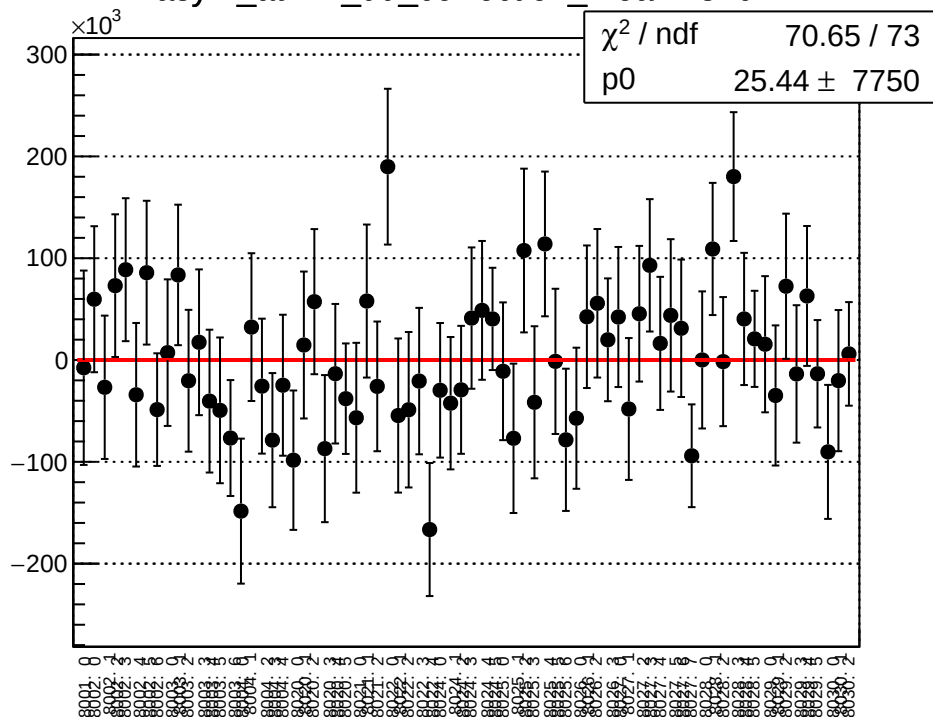


# reg\_asym\_atl1r2\_dd\_rms vs run

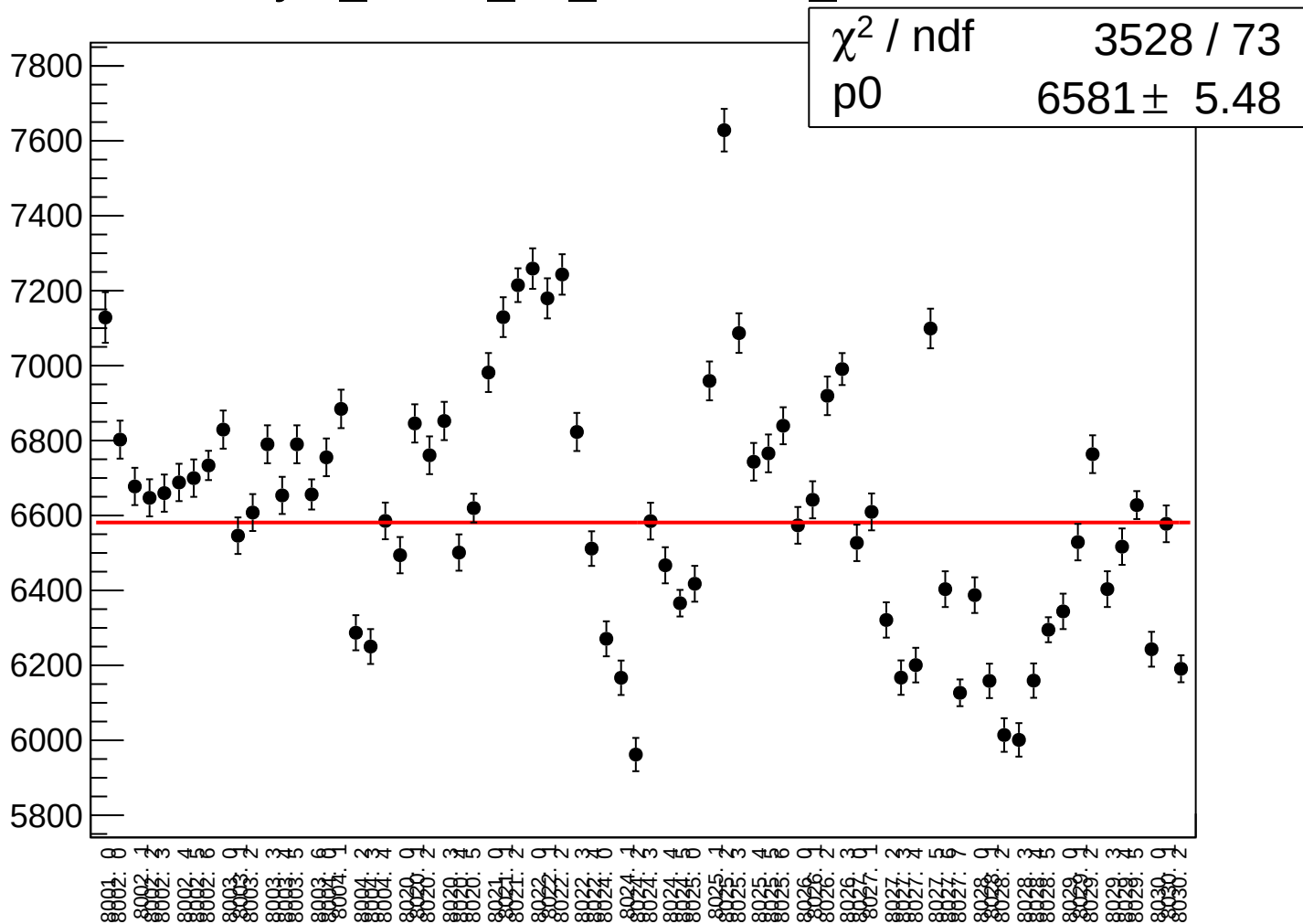




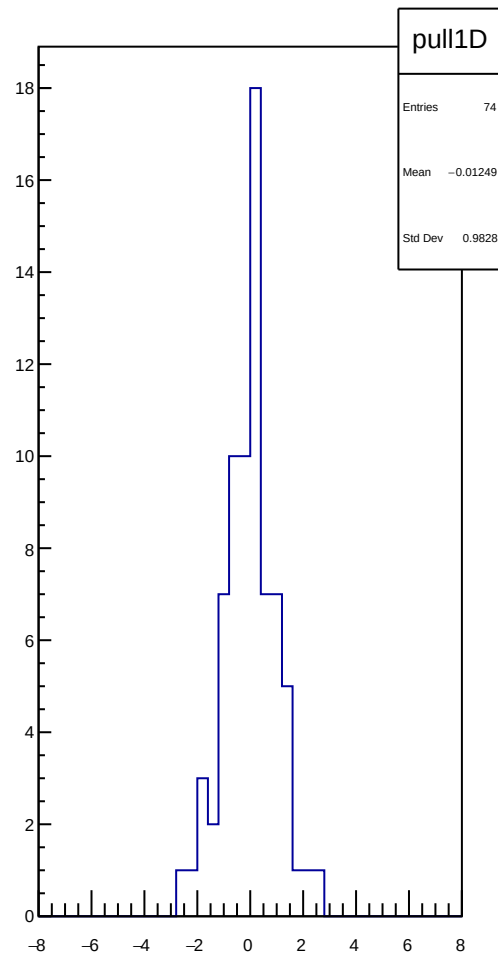
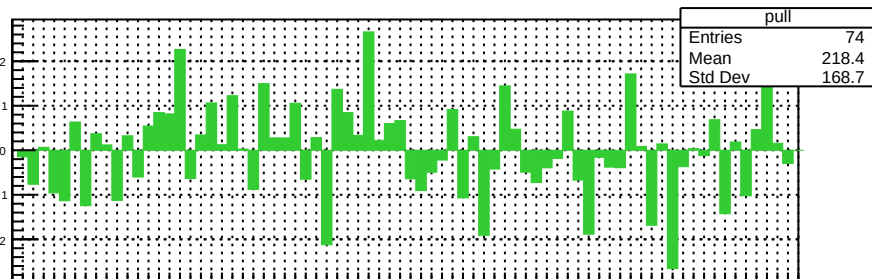
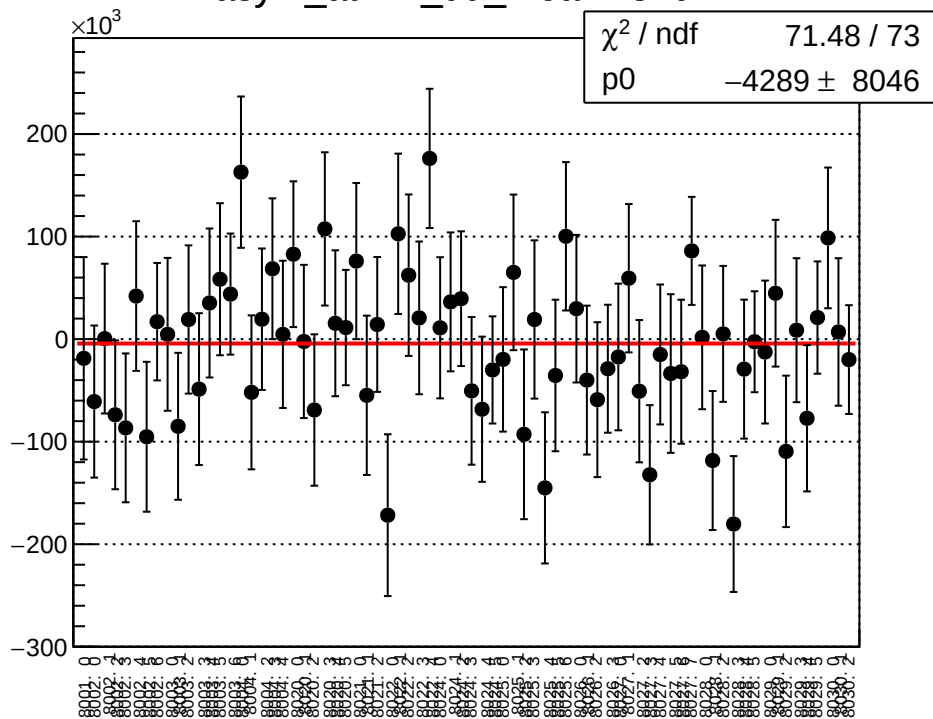
asym\_atl1r2\_dd\_correction\_mean vs run



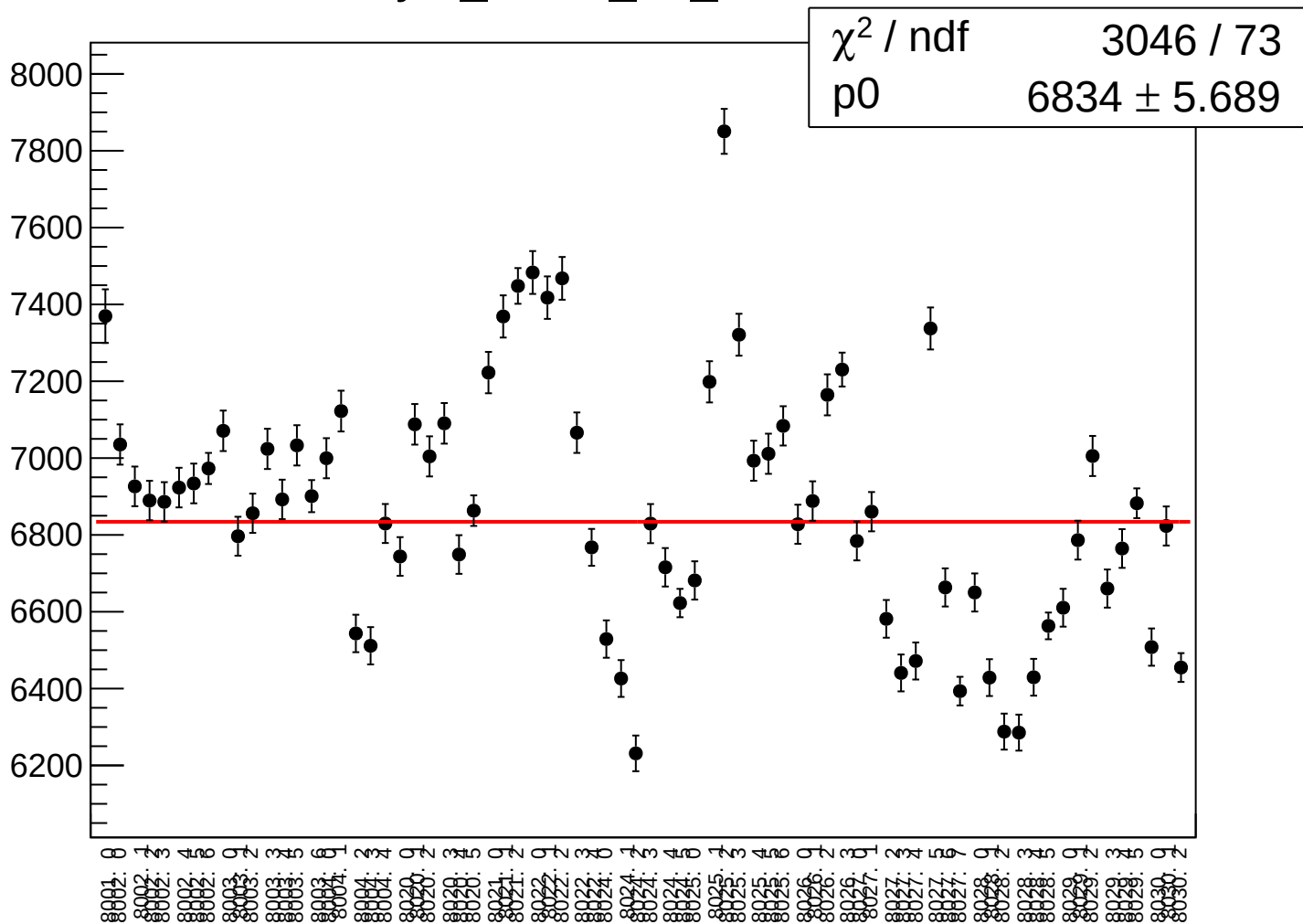
# asym\_atl1r2\_dd\_correction\_rms vs run



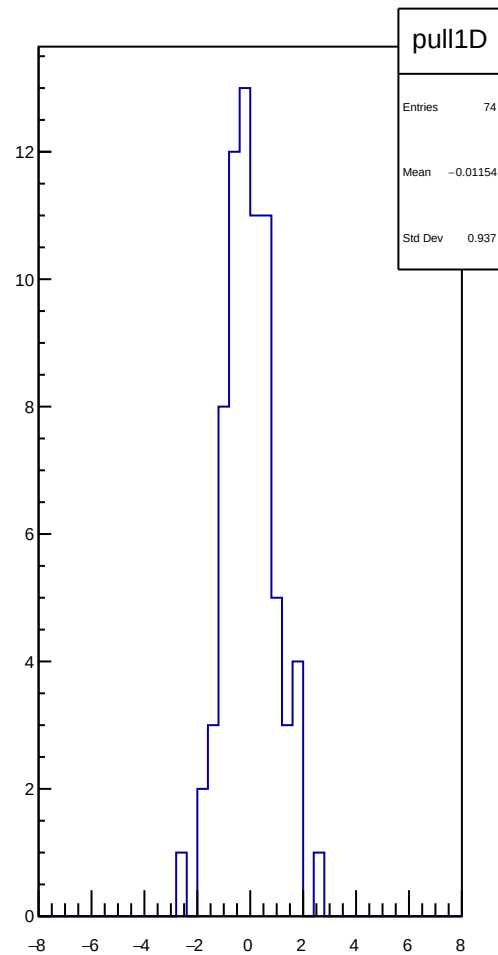
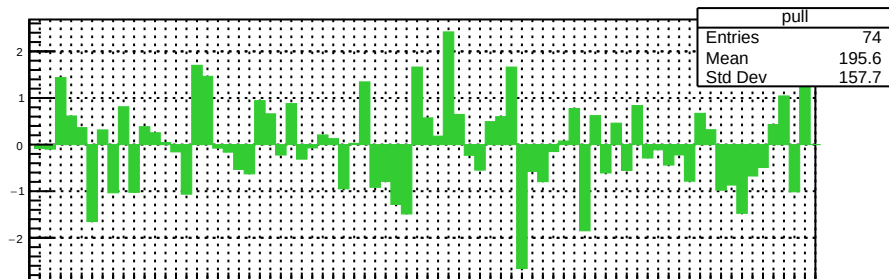
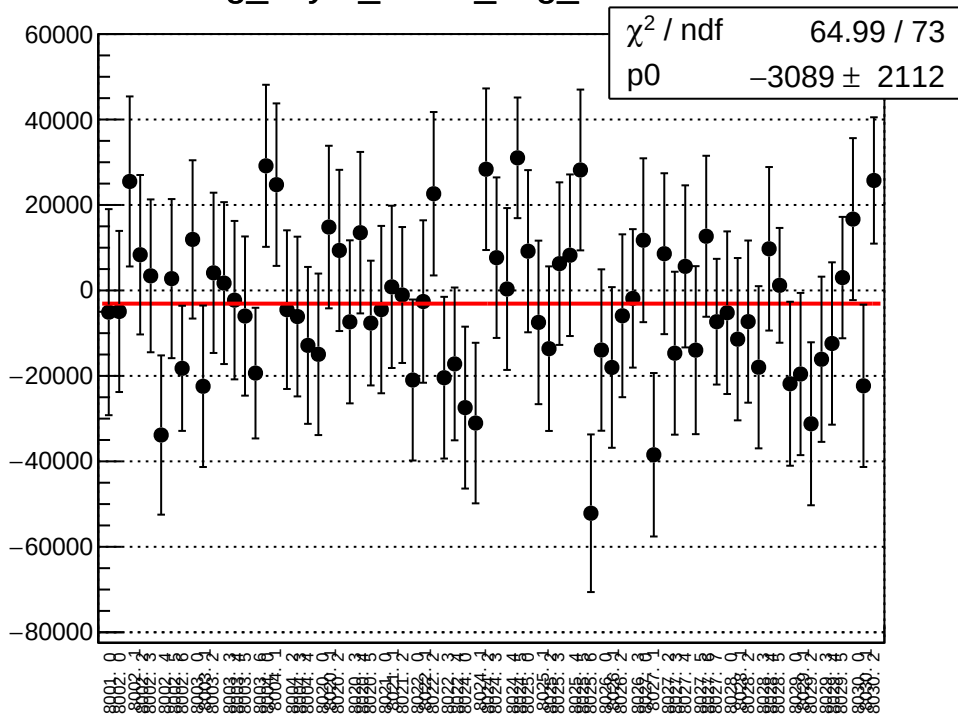
# asym\_atl1r2\_dd\_mean vs run



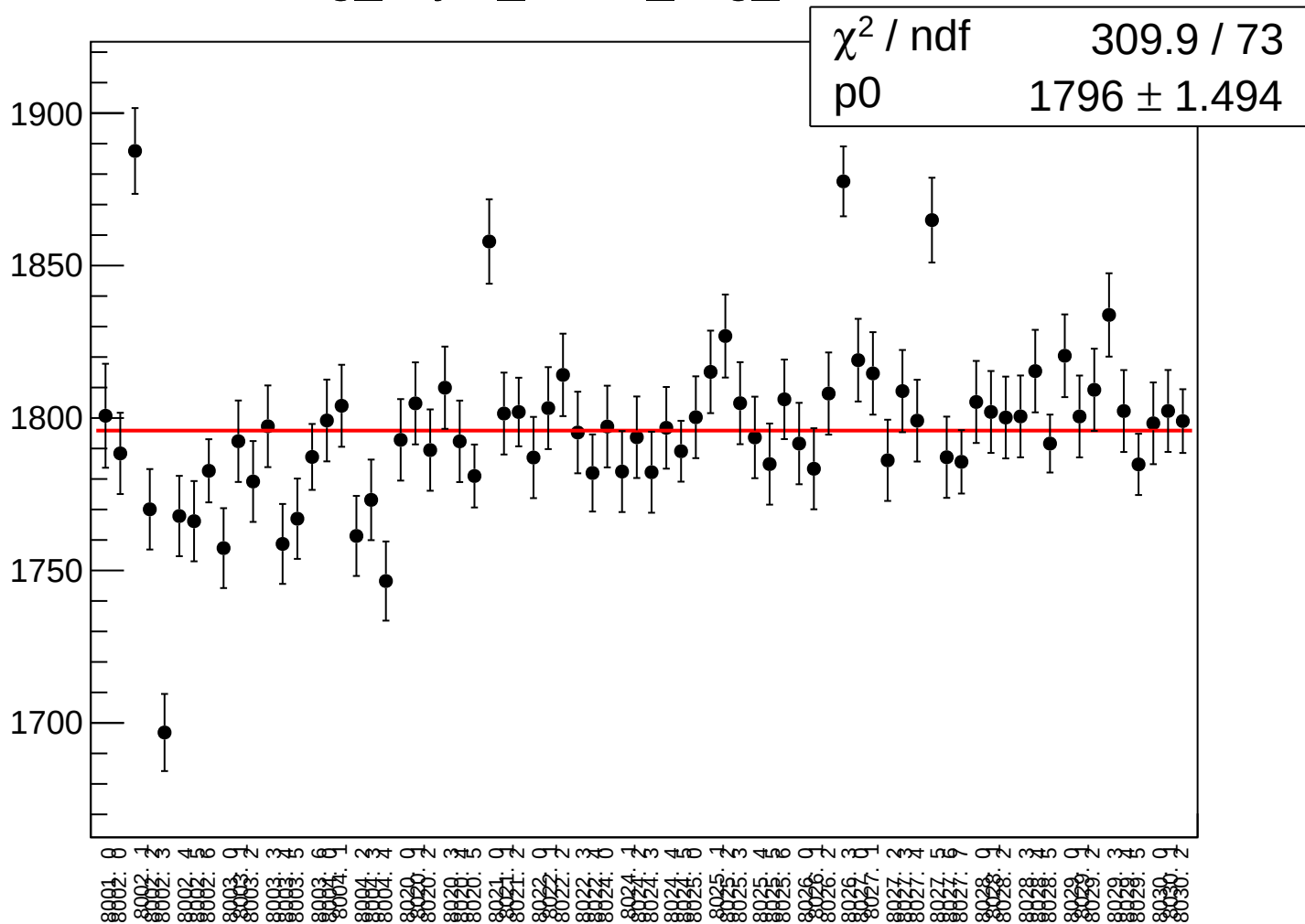
# asym\_atl1r2\_dd\_rms vs run



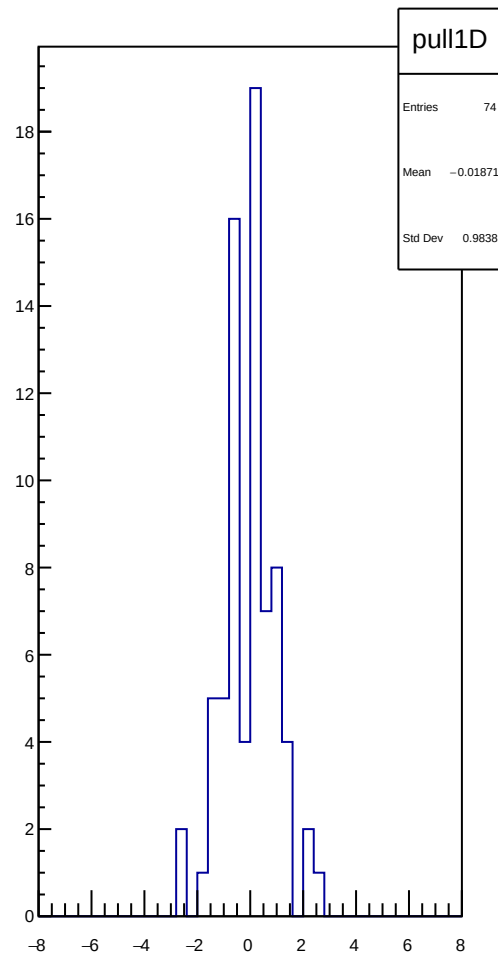
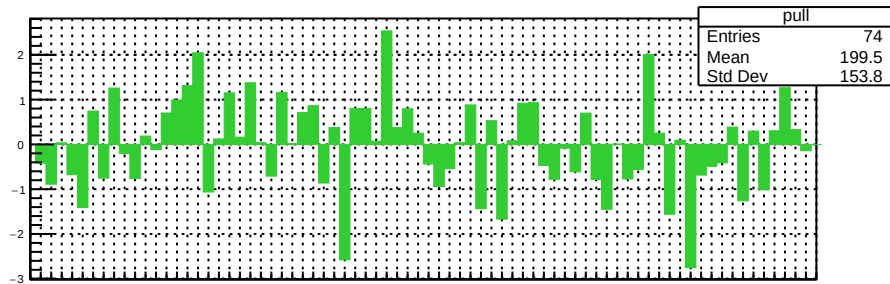
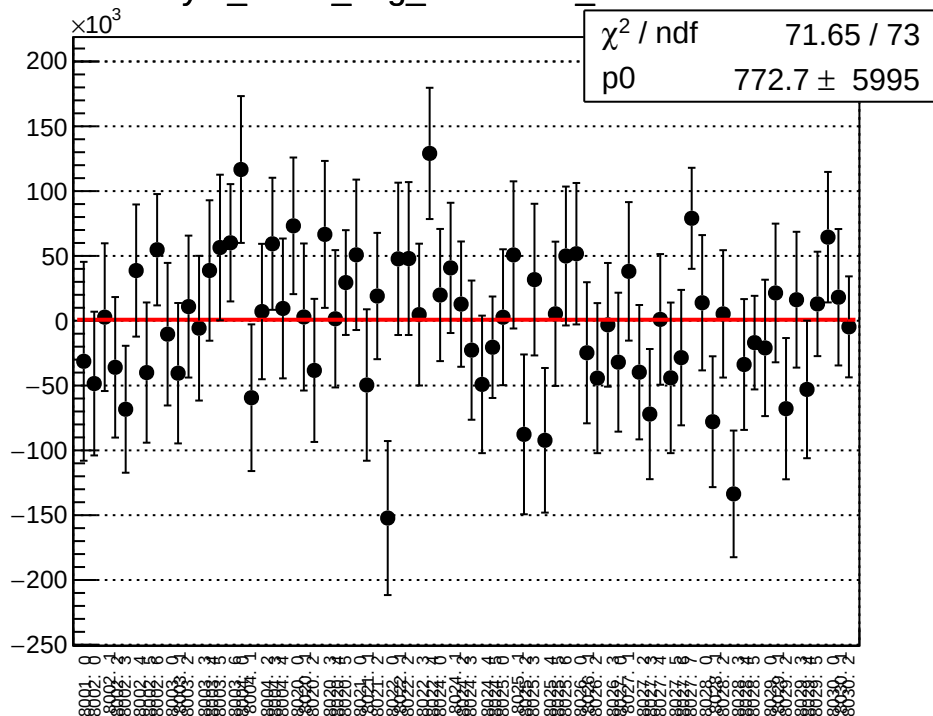
reg\_asym\_atr1l2\_avg\_mean vs run



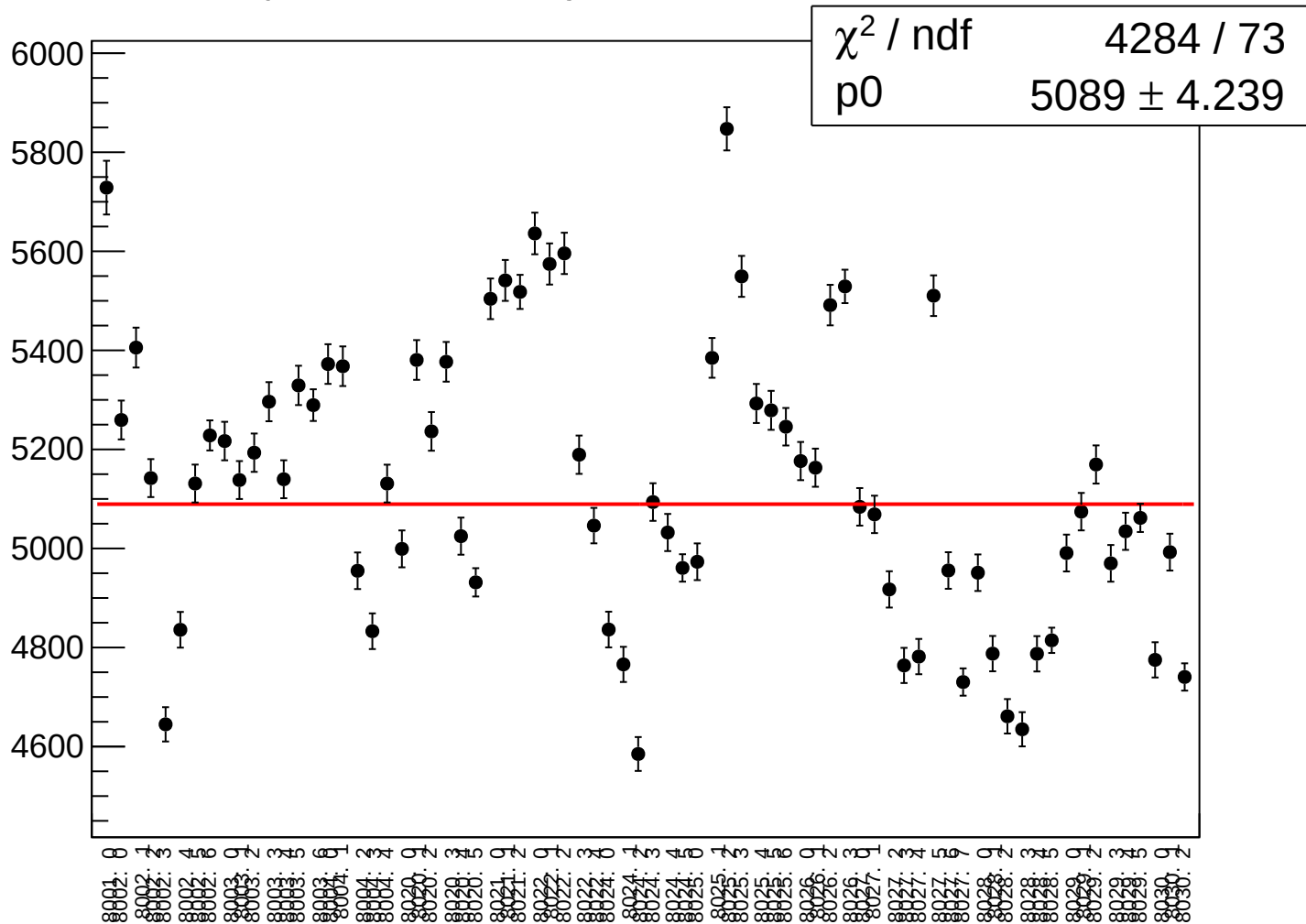
# reg\_asym\_atr1l2\_avg\_rms vs run



asym\_atr1l2\_avg\_correction\_mean vs run

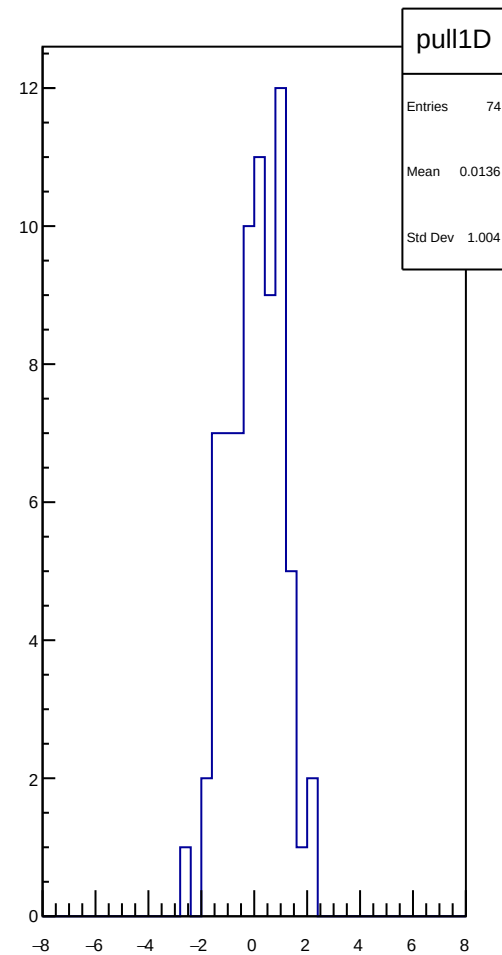
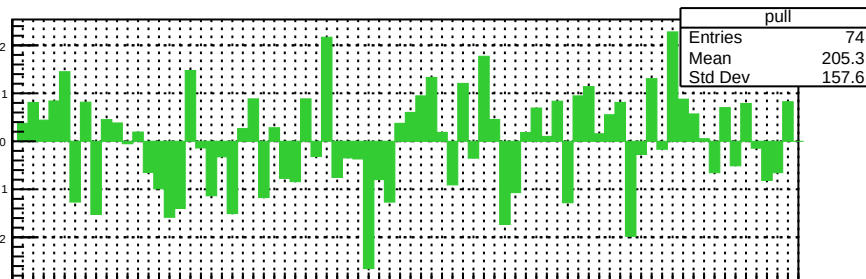
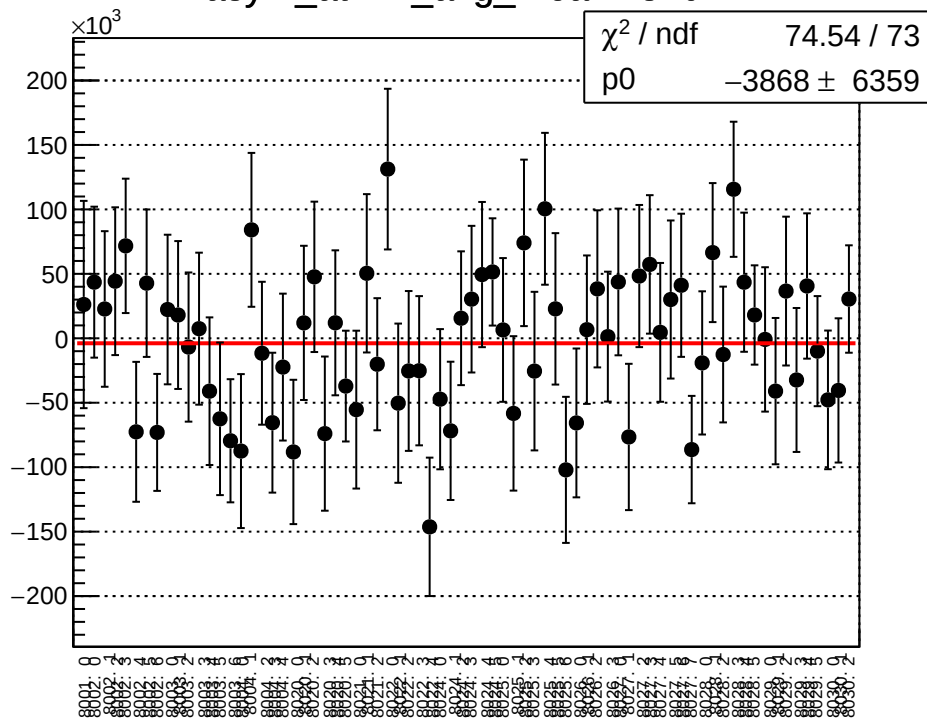


# asym\_atr1l2\_avg\_correction\_rms vs run

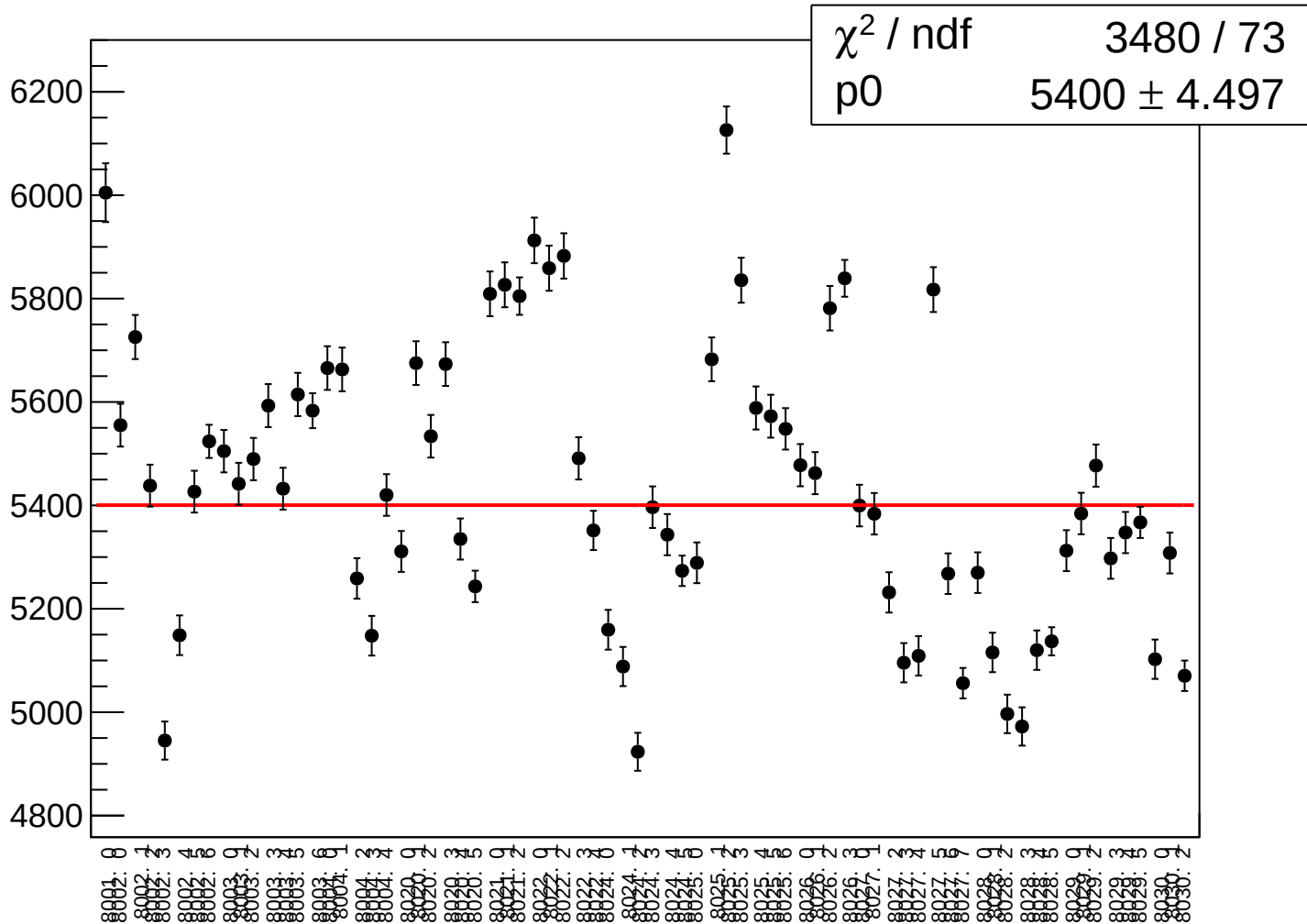




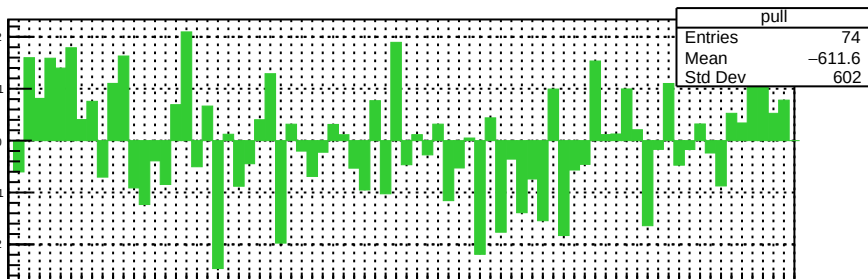
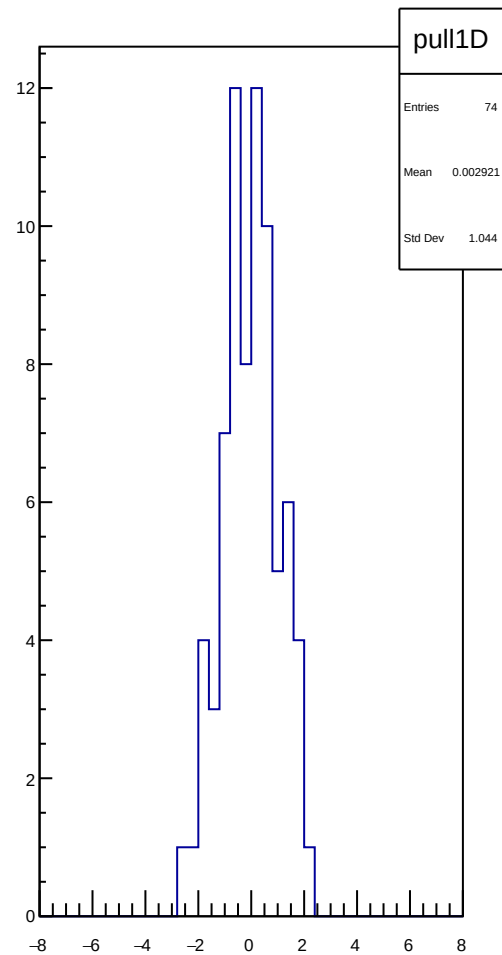
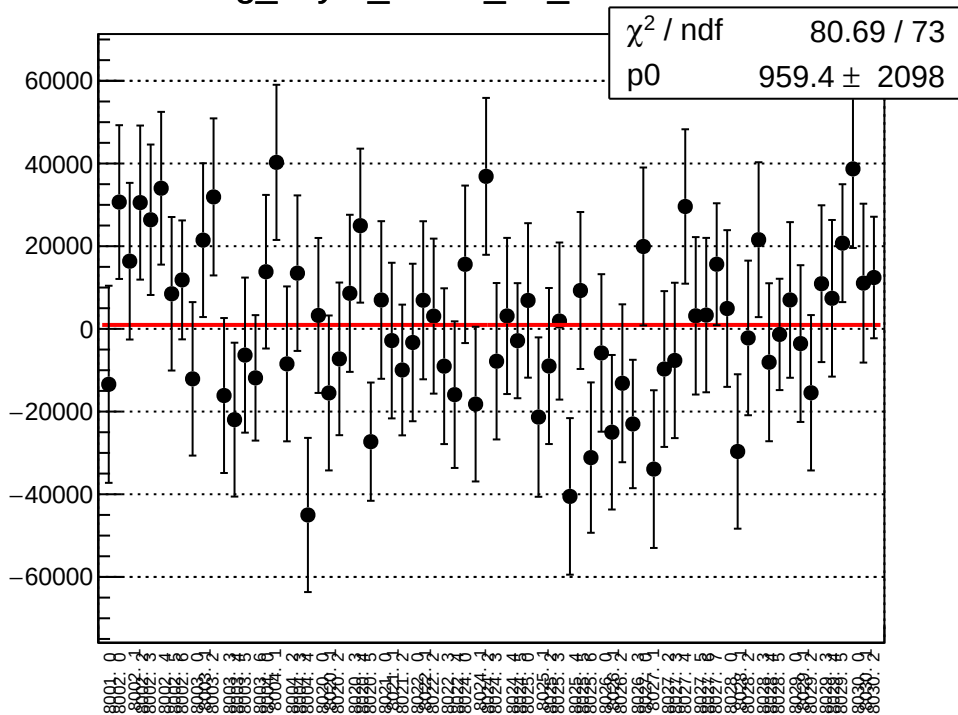
asym\_atr1l2\_avg\_mean vs run



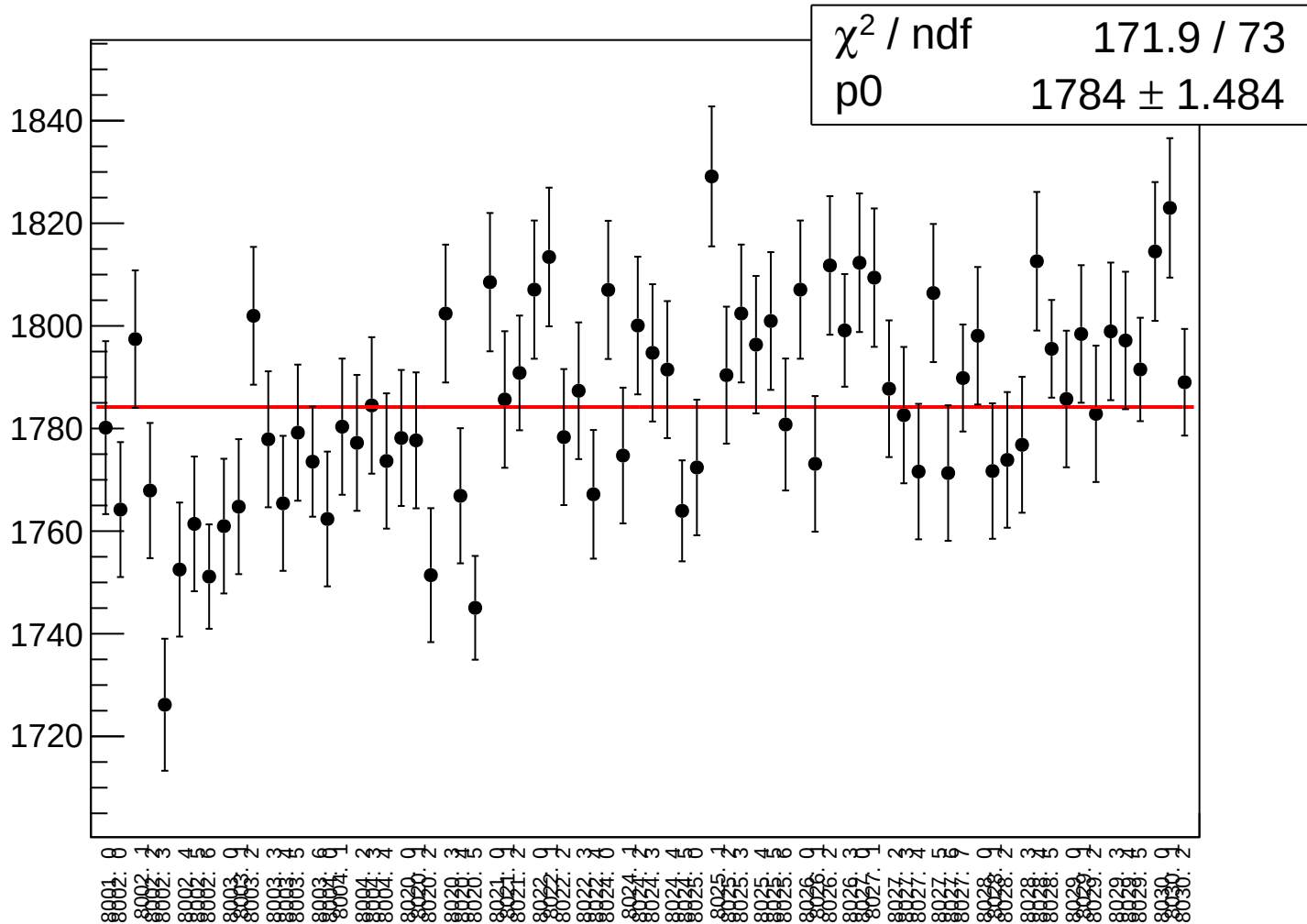
# asym\_atr1l2\_avg\_rms vs run



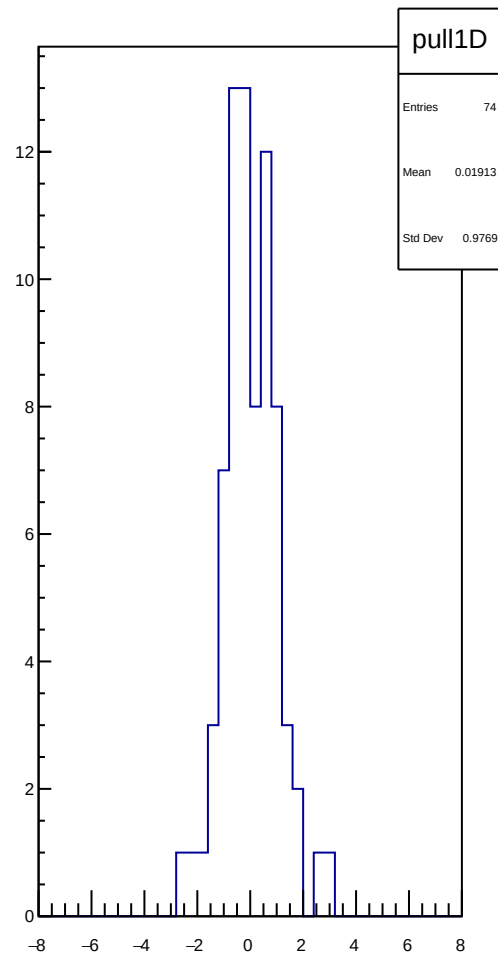
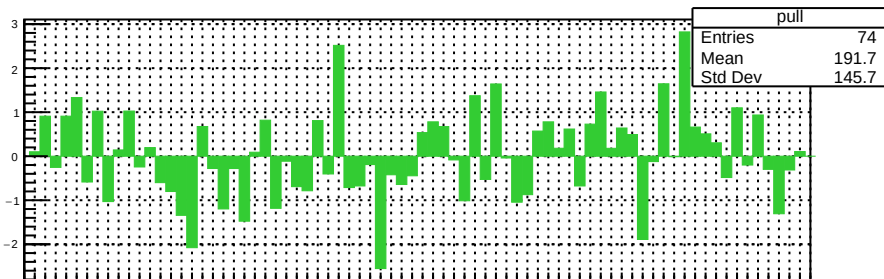
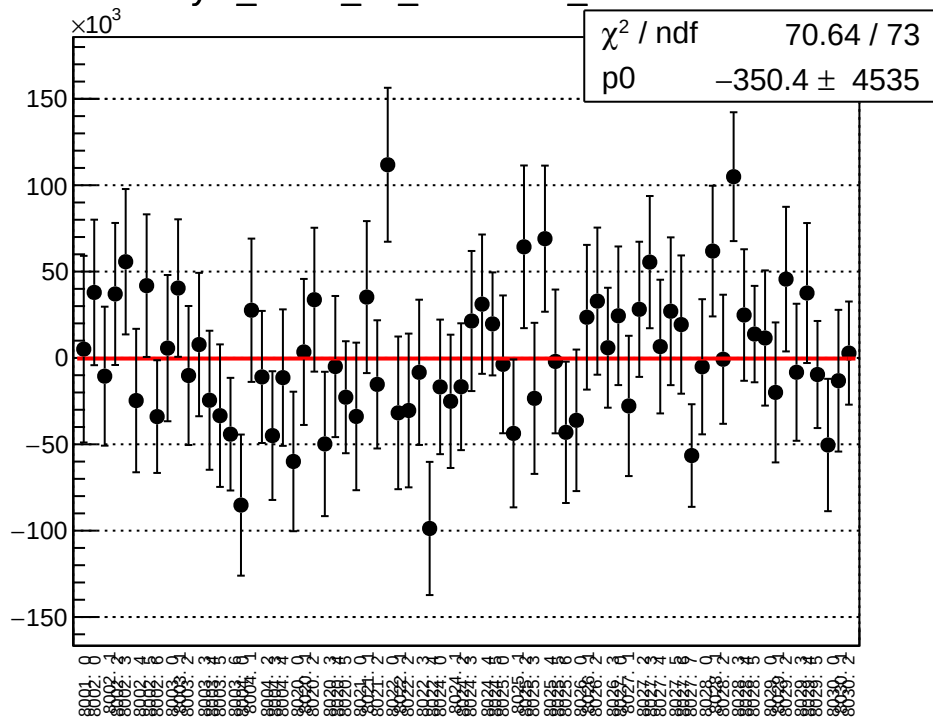
reg\_asym\_atr1l2\_dd\_mean vs run



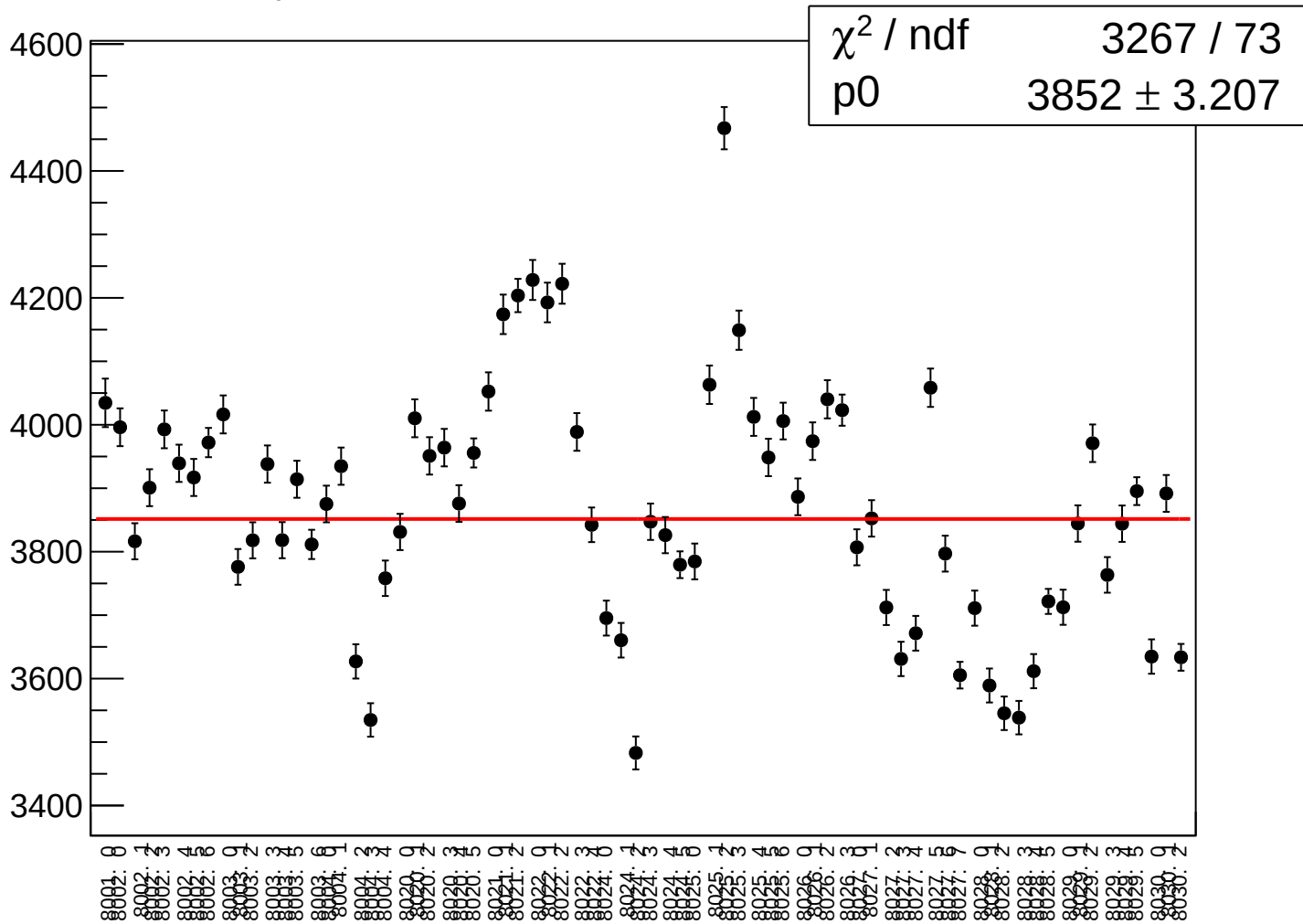
# reg\_asym\_atr1l2\_dd\_rms vs run



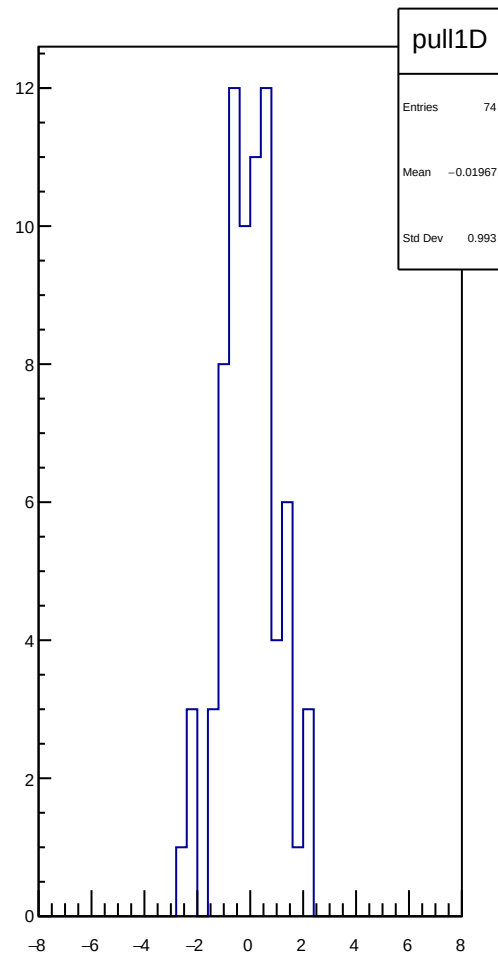
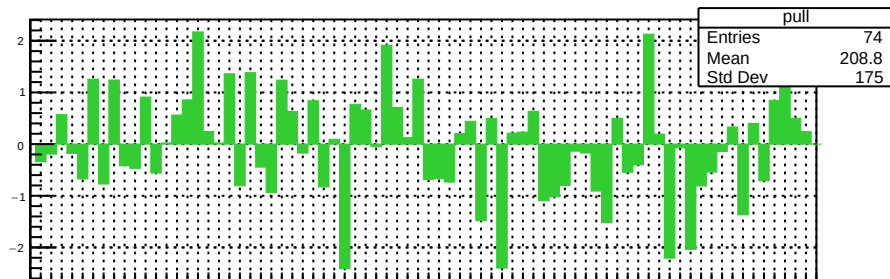
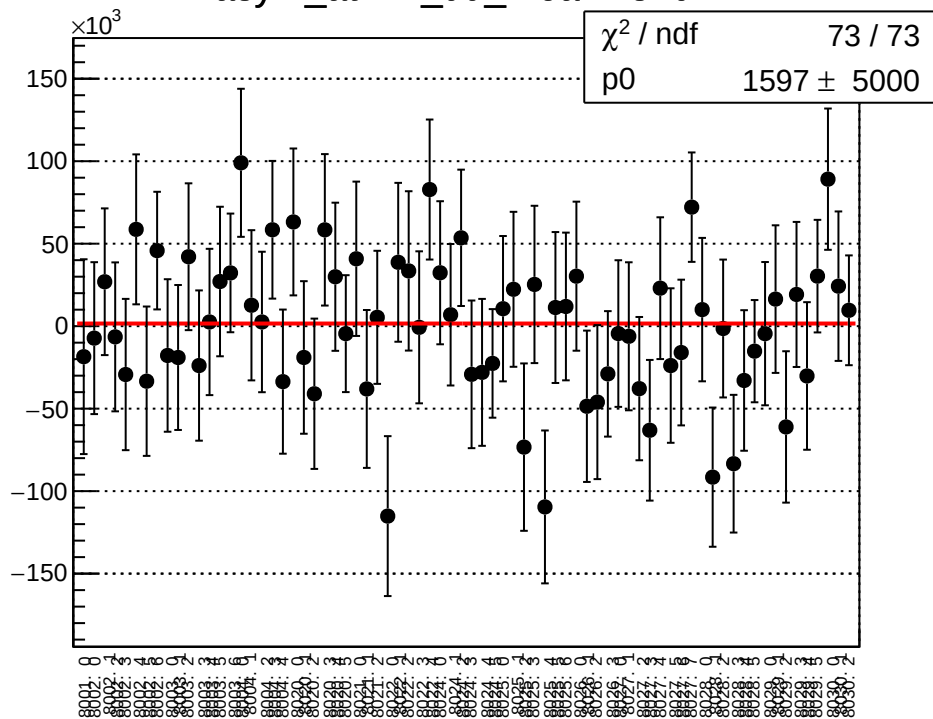
asym\_atr1l2\_dd\_correction\_mean vs run



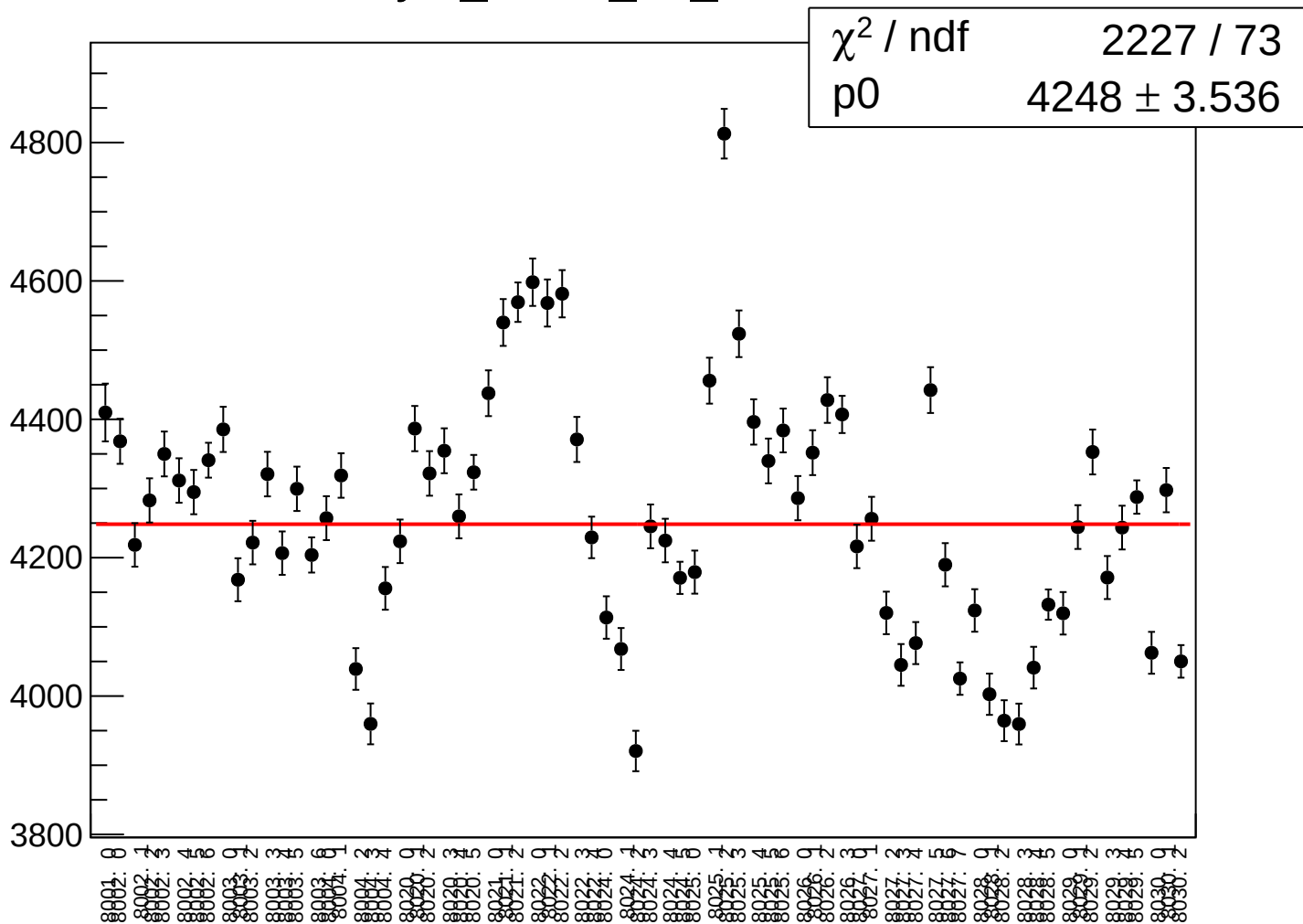
# asym\_atr1l2\_dd\_correction\_rms vs run



# asym\_atr1l2\_dd\_mean vs run

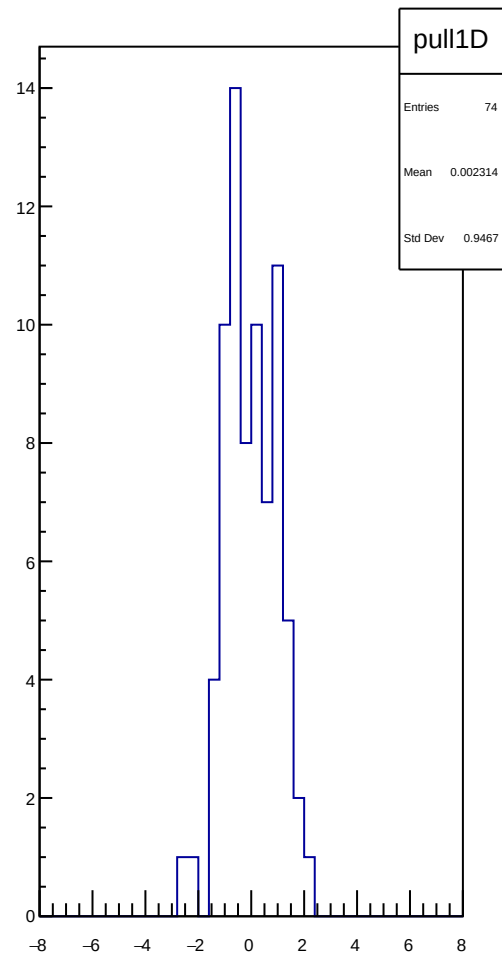
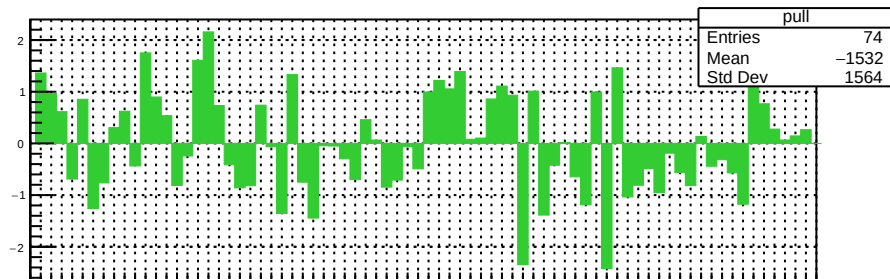
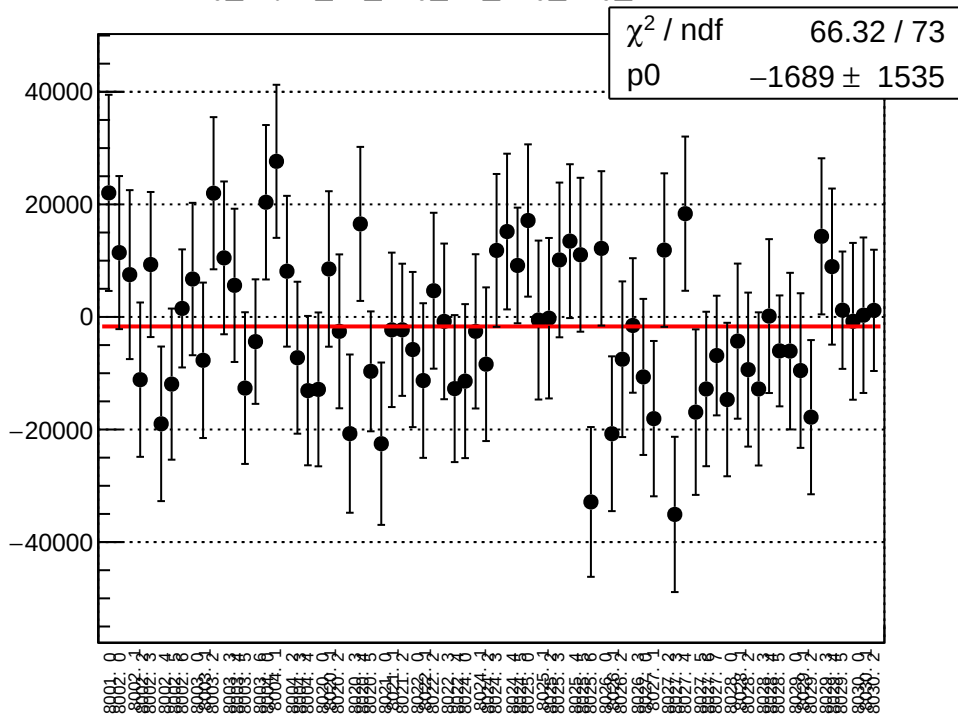


# asym\_atr1l2\_dd\_rms vs run

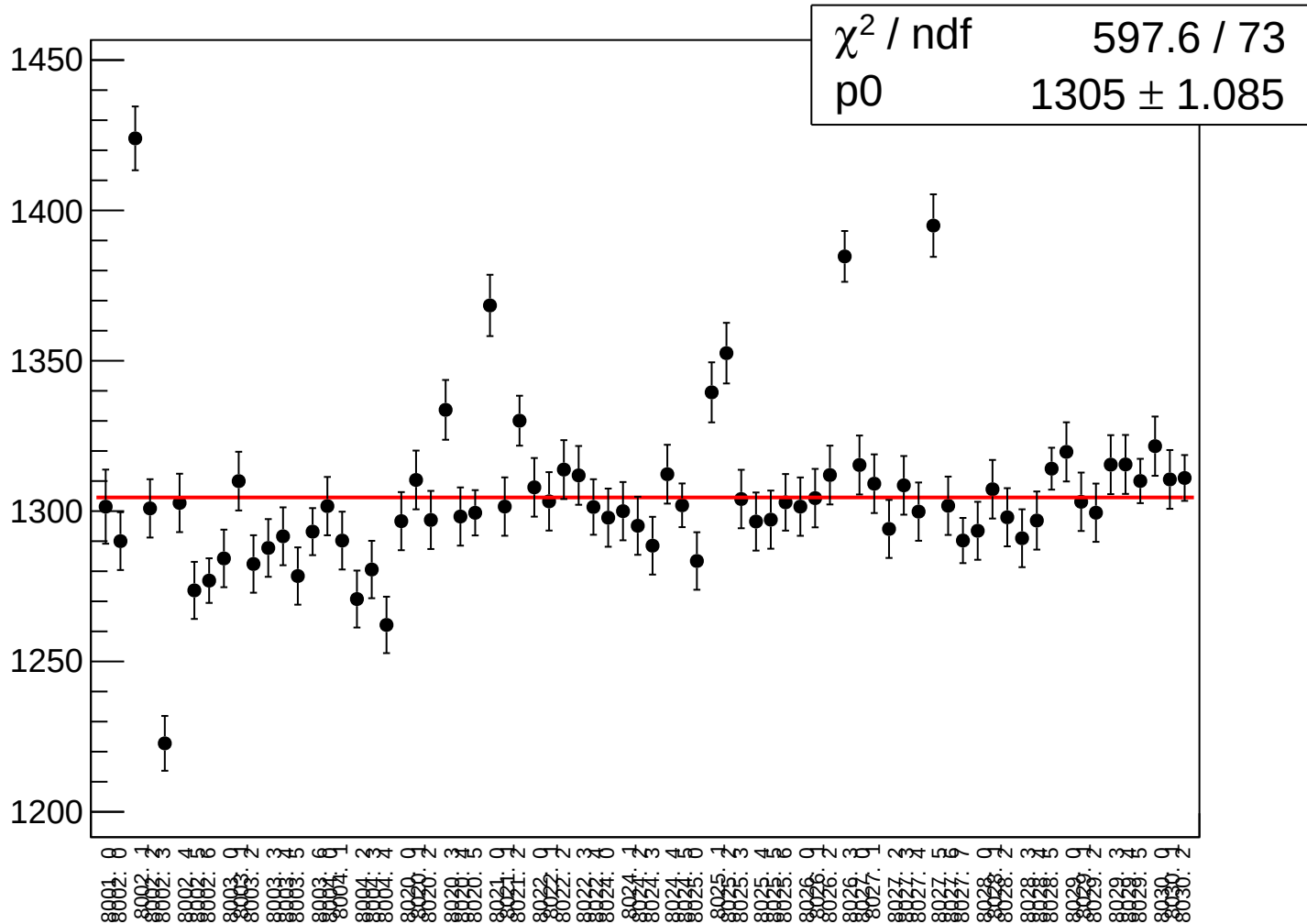




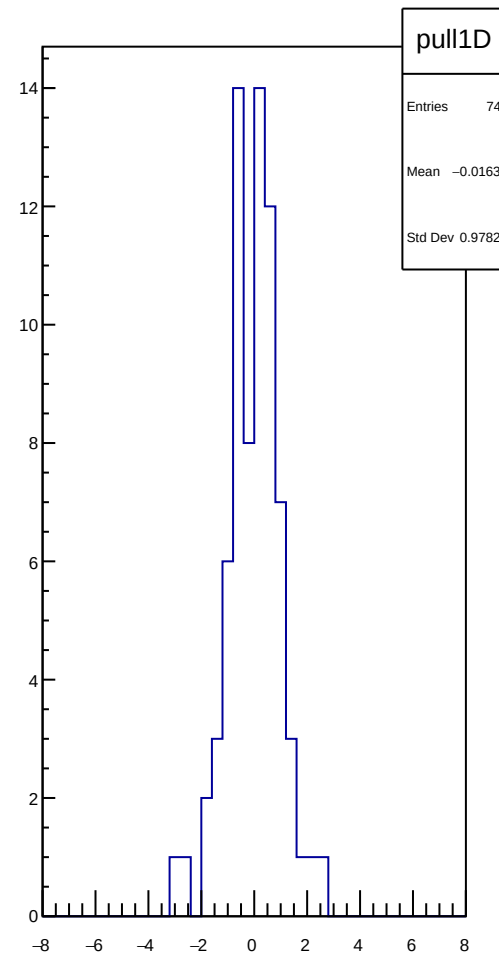
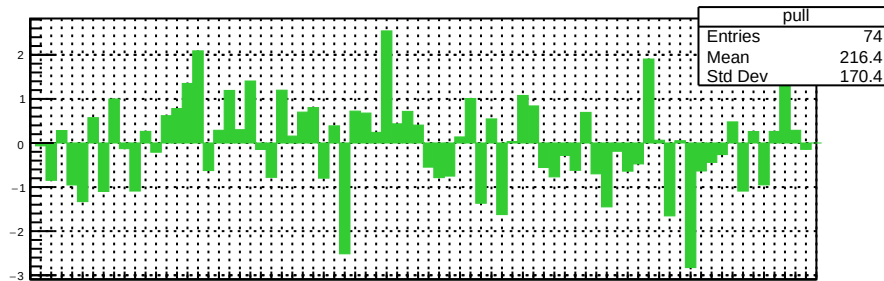
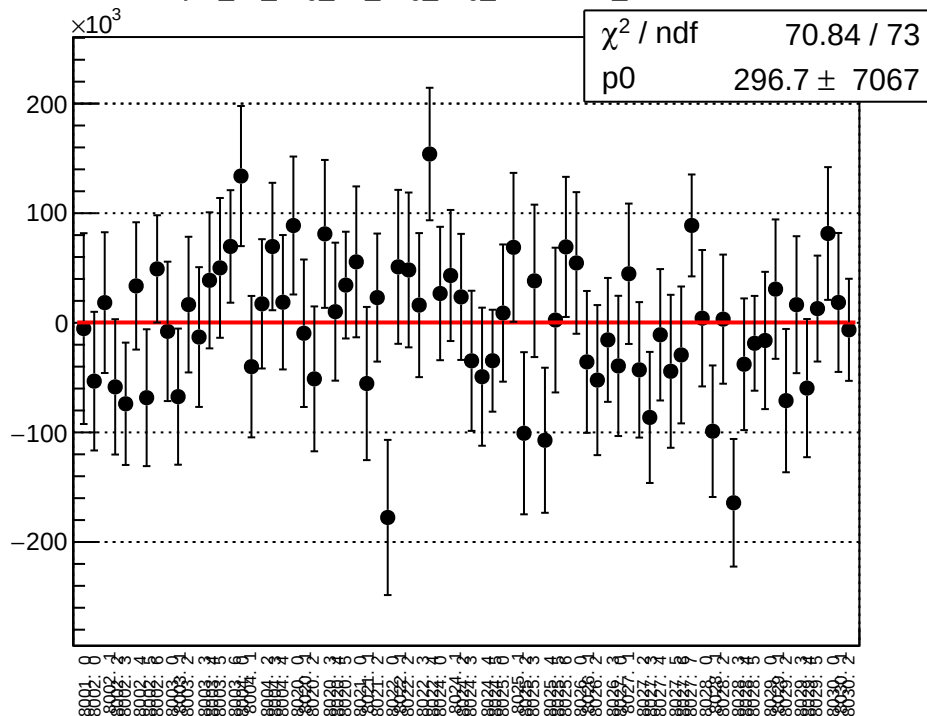
reg\_asym\_atl\_avg\_atr\_avg\_avg\_mean vs run



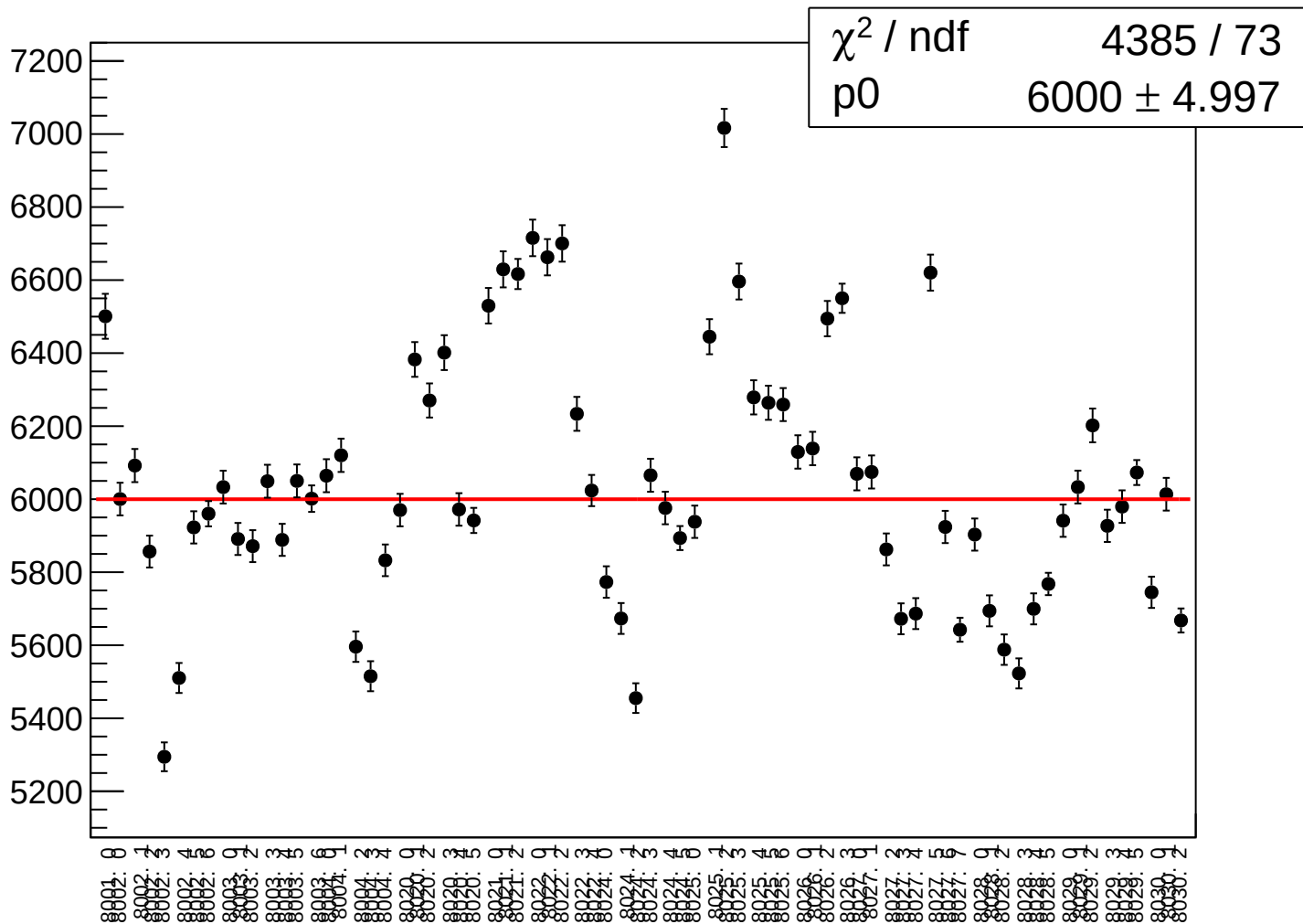
reg\_asym\_atl\_avg\_atr\_avg\_avg\_rms vs run



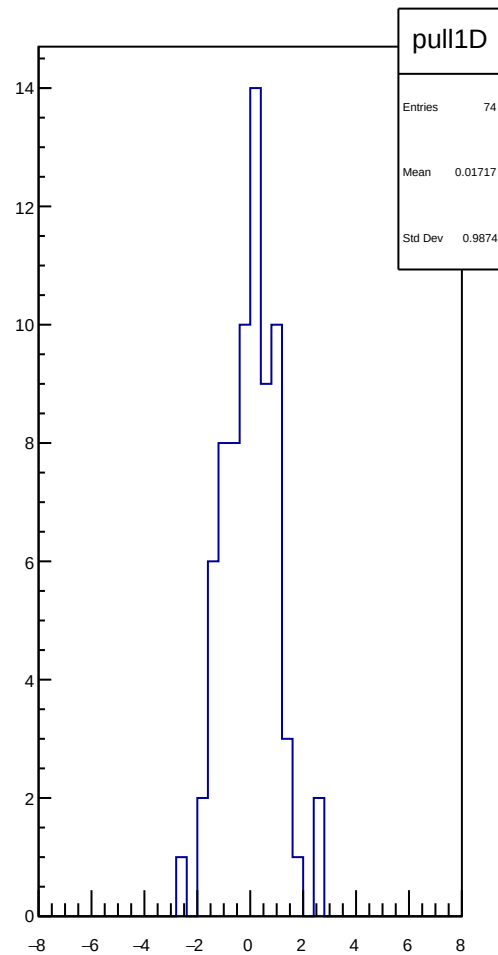
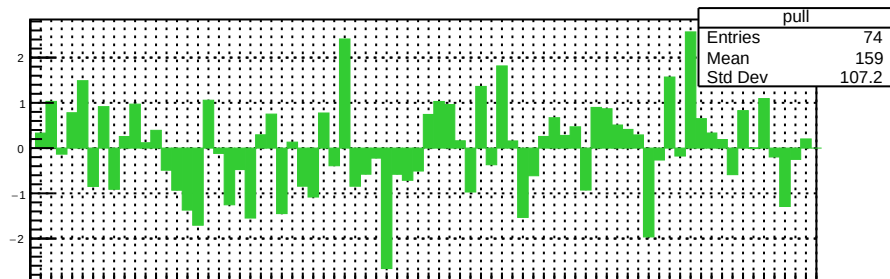
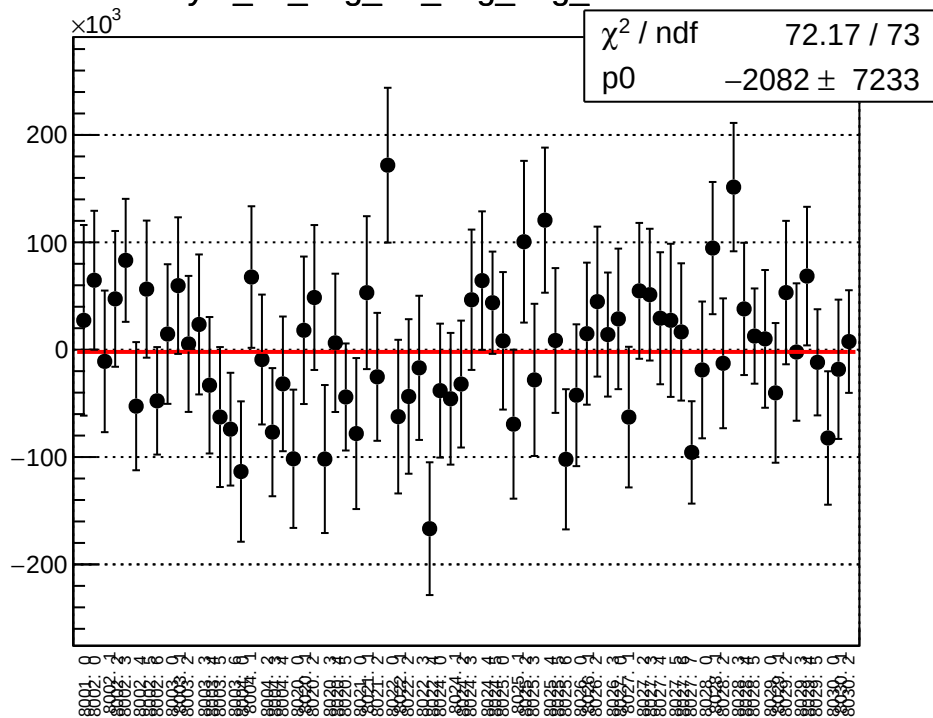
asym\_atl\_avg\_atr\_avg\_avg\_correction\_mean vs run



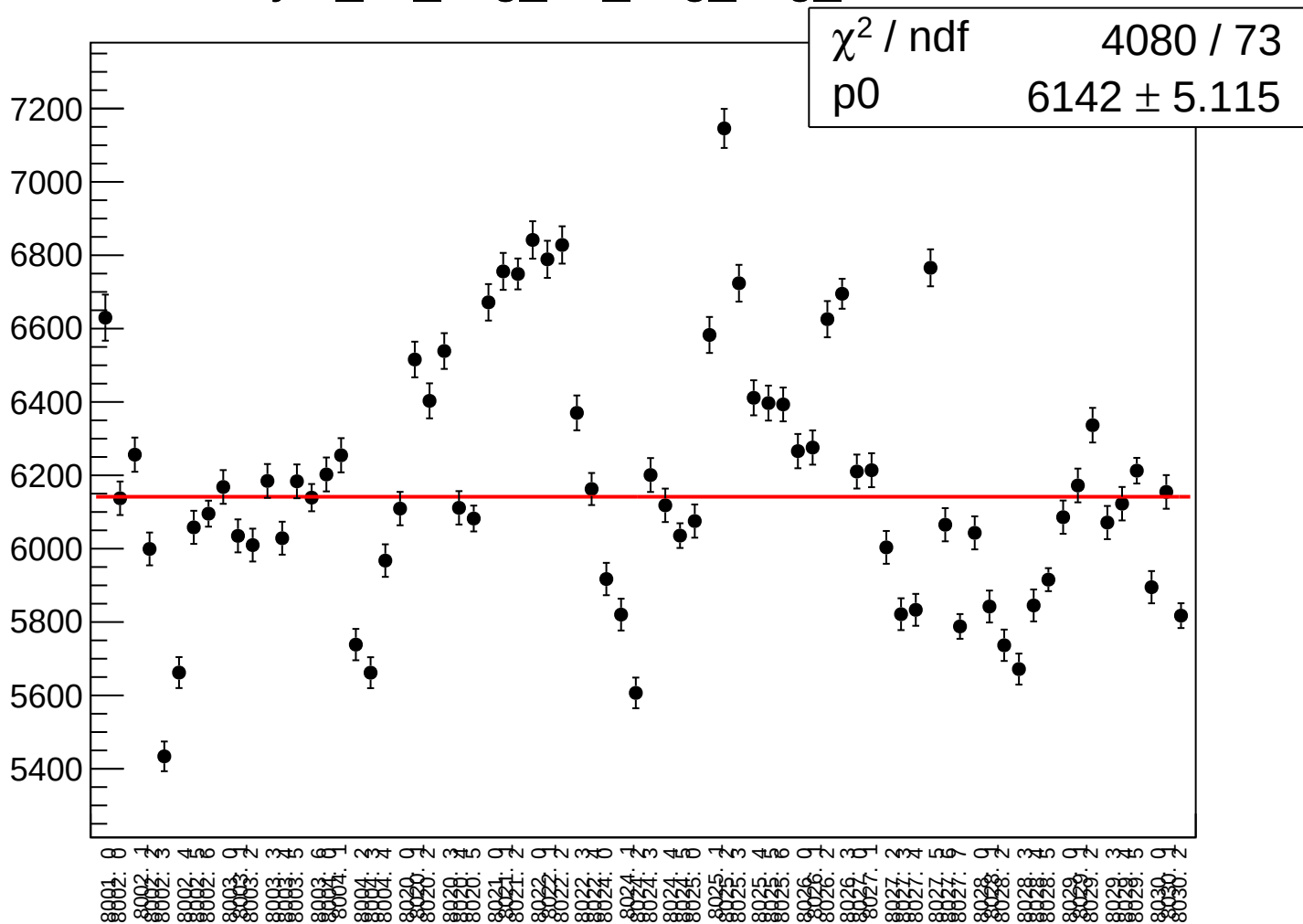
asym\_atl\_avg\_atr\_avg\_avg\_correction\_rms vs run



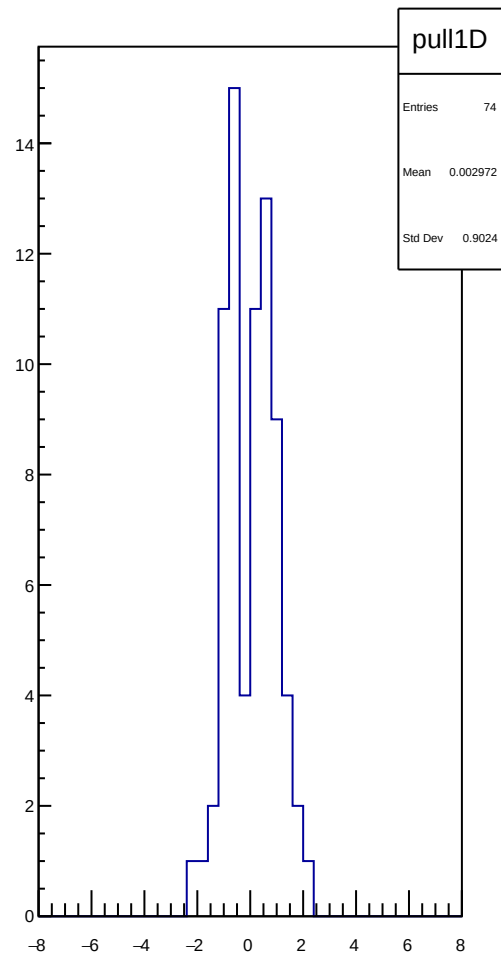
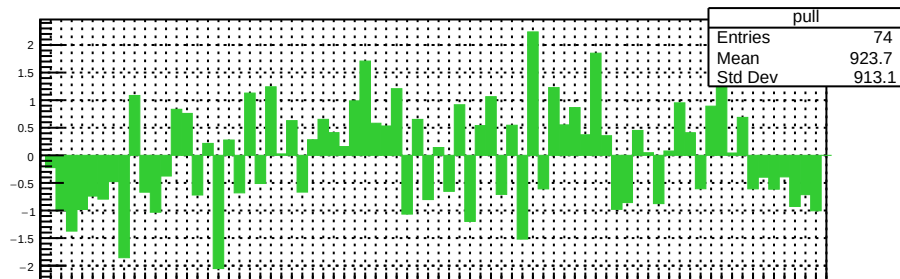
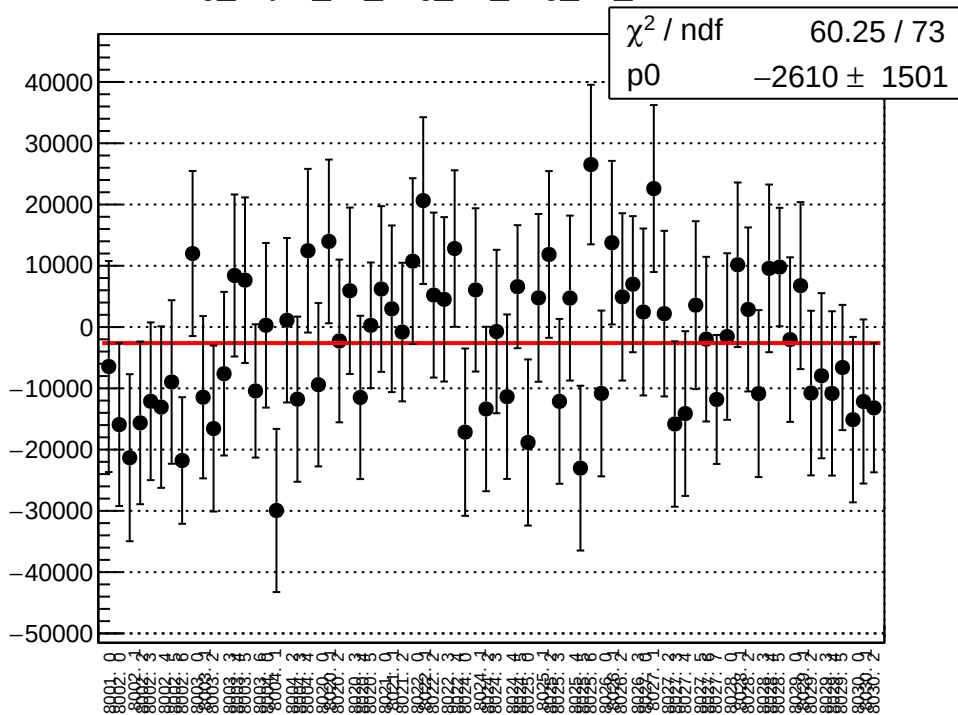
asym\_atl\_avg\_atr\_avg\_avg\_mean vs run



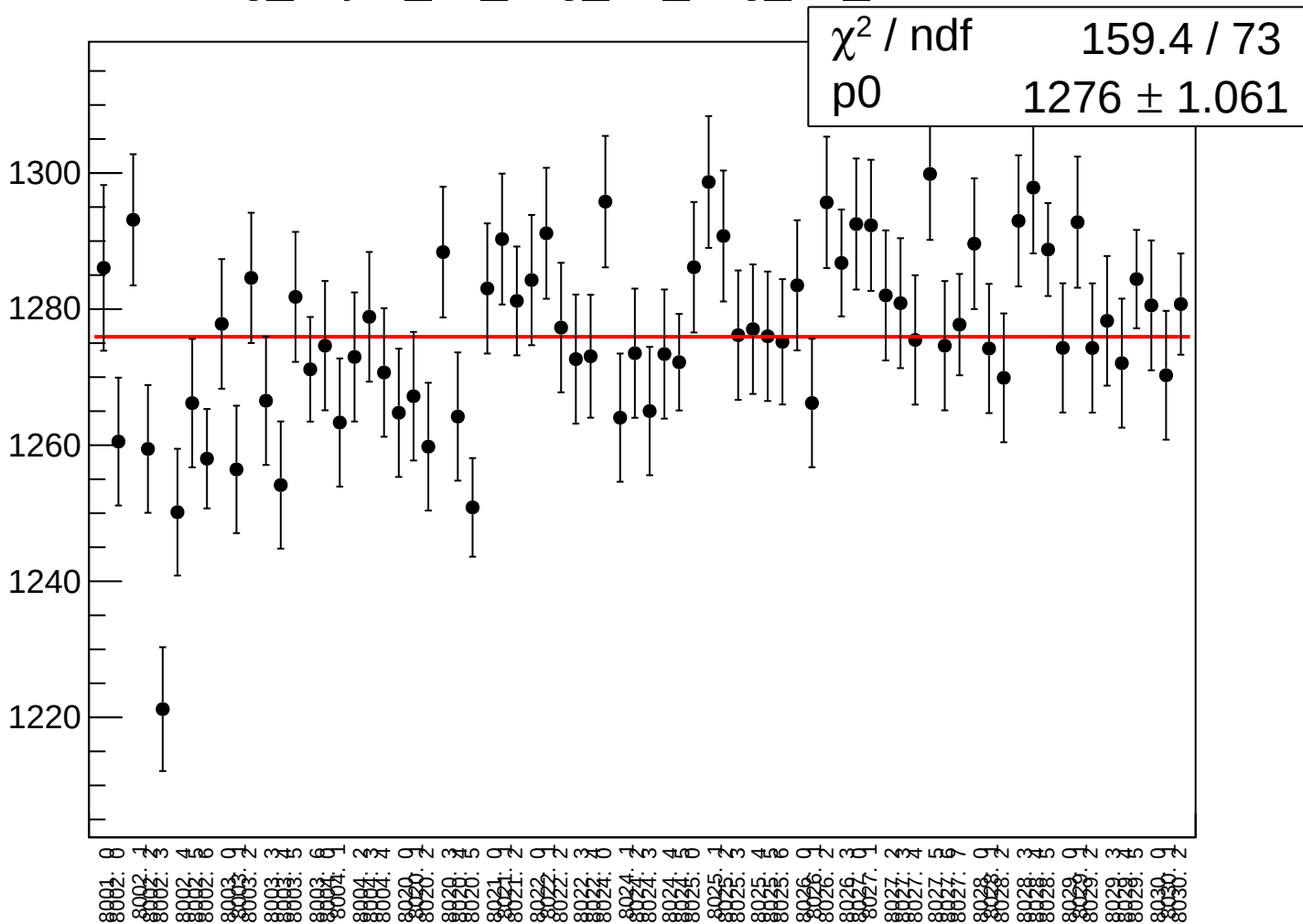
# asym\_atl\_avg\_atr\_avg\_avg\_rms vs run



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

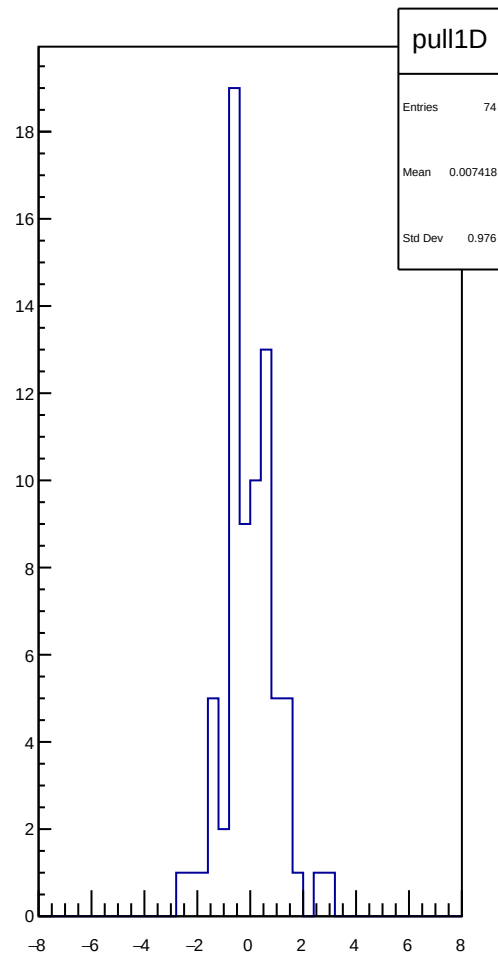
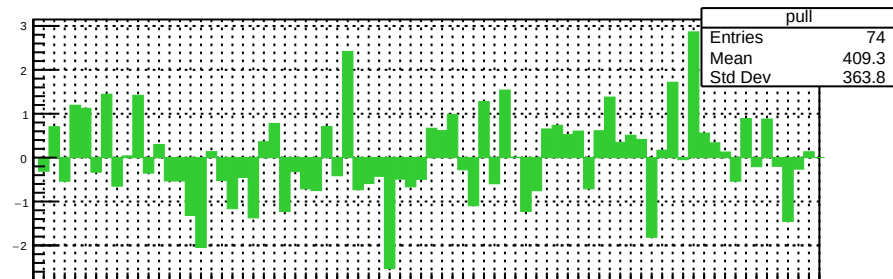
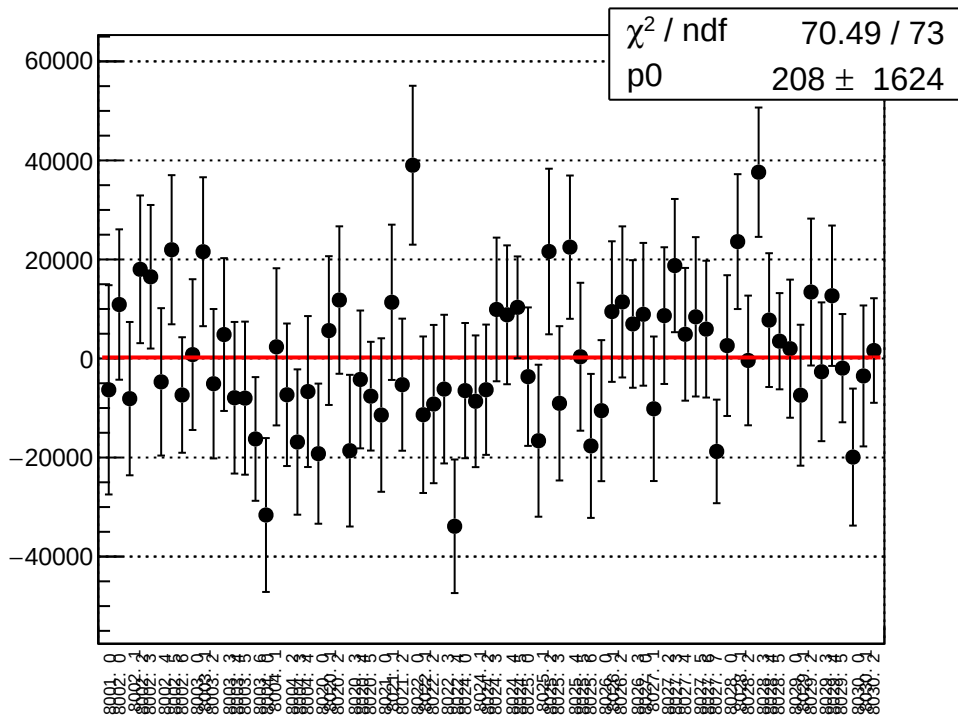


reg\_asym\_atl\_avg\_atr\_avg\_dd\_rms vs run

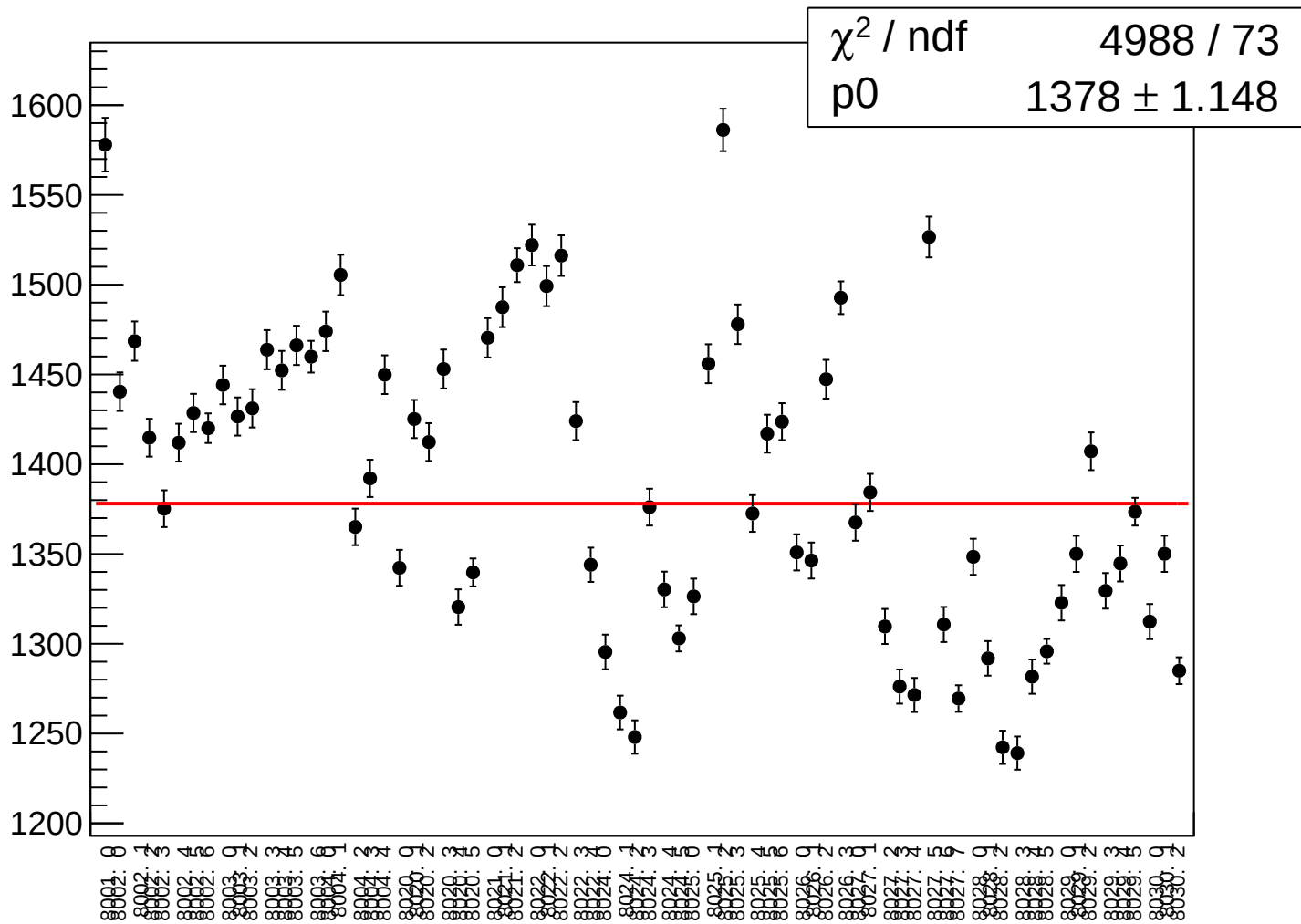




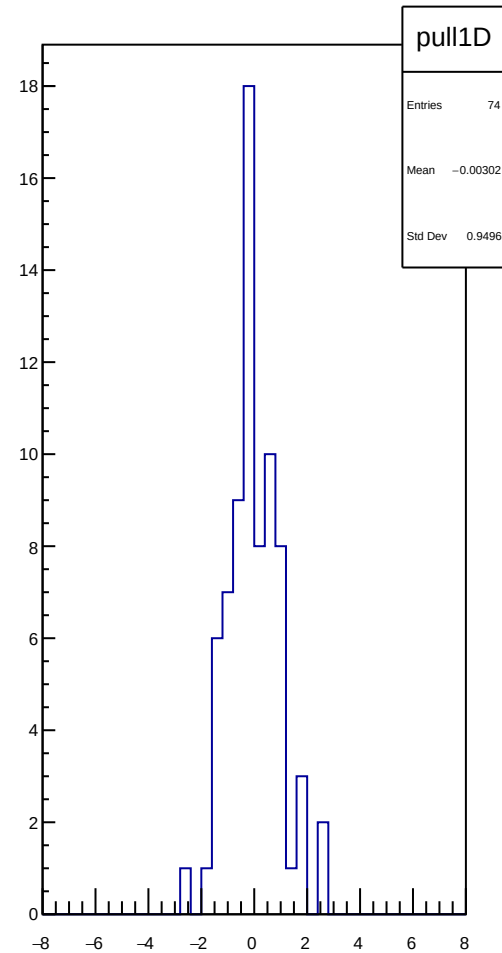
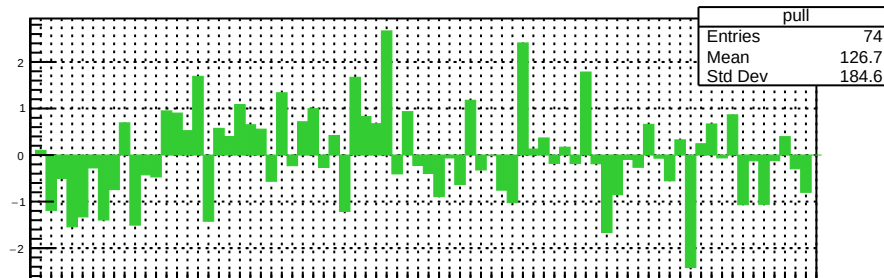
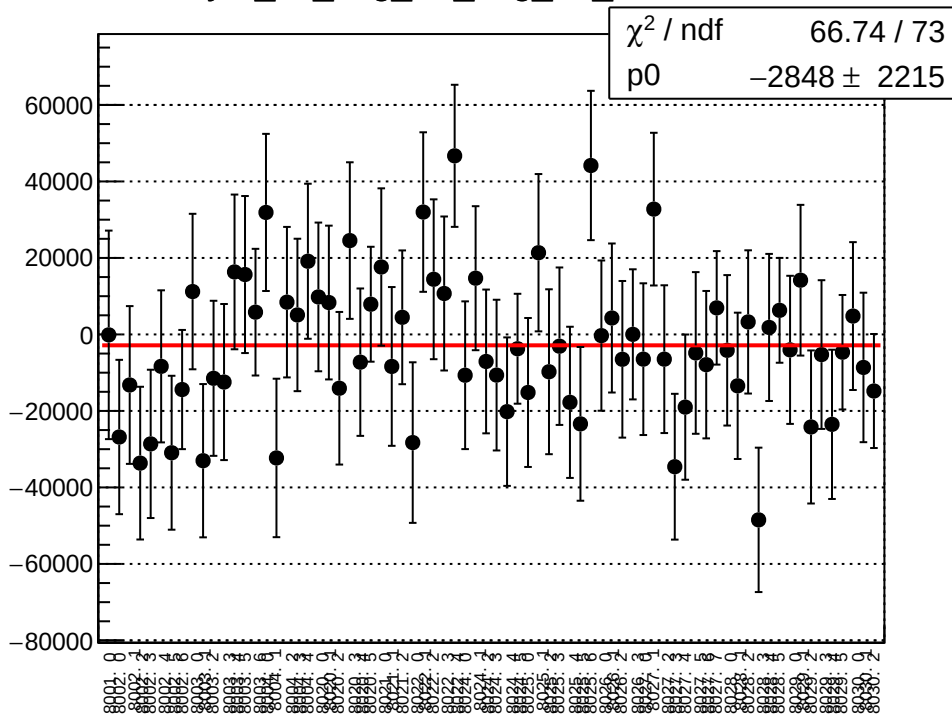
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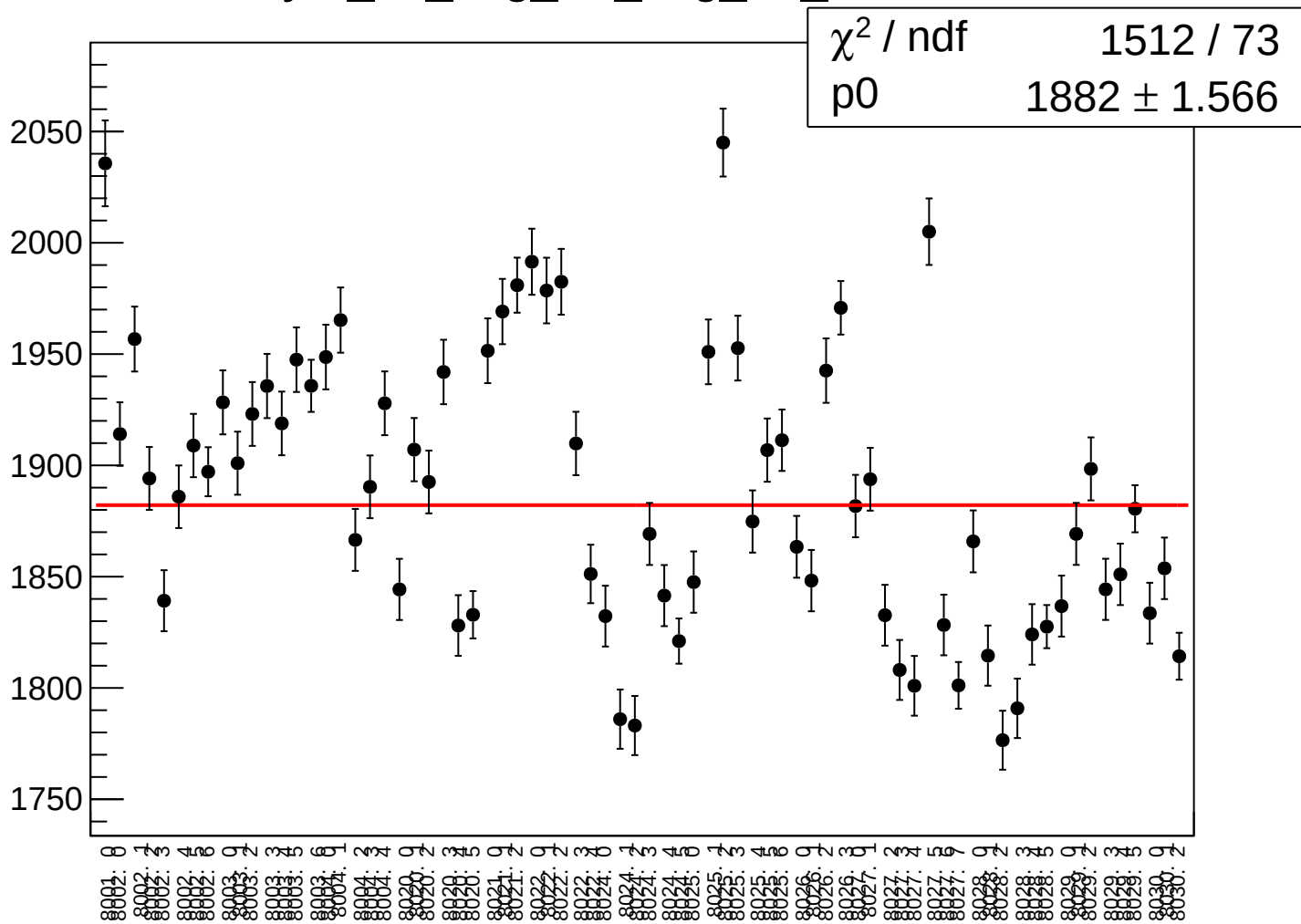
asym\_atl\_avg\_atr\_avg\_dd\_correction\_rms vs run



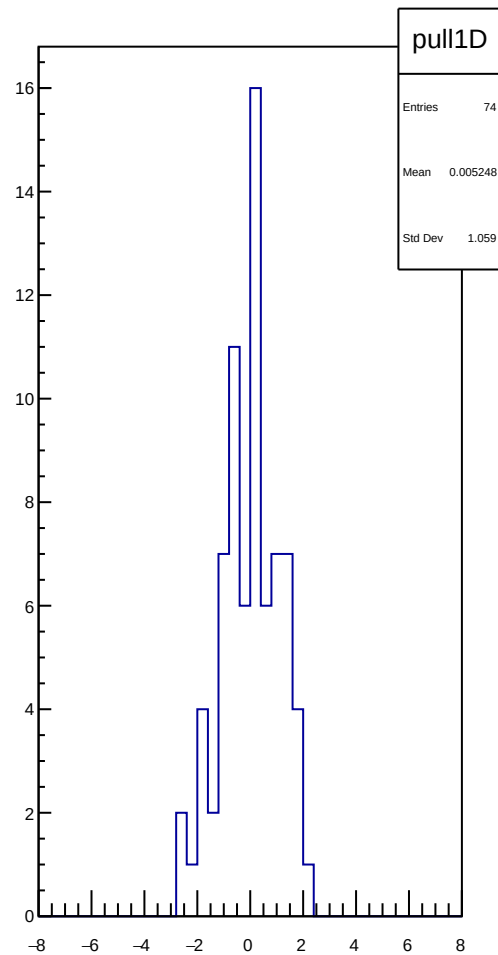
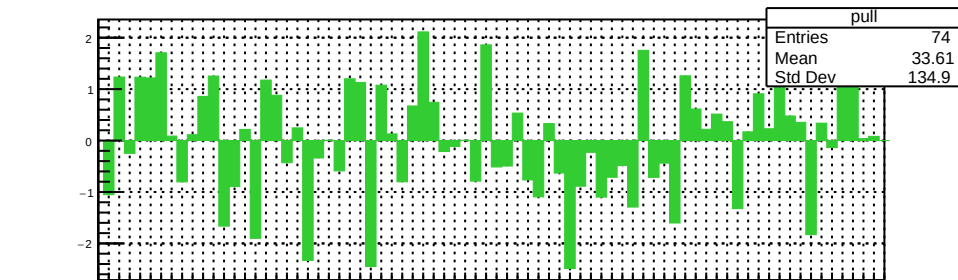
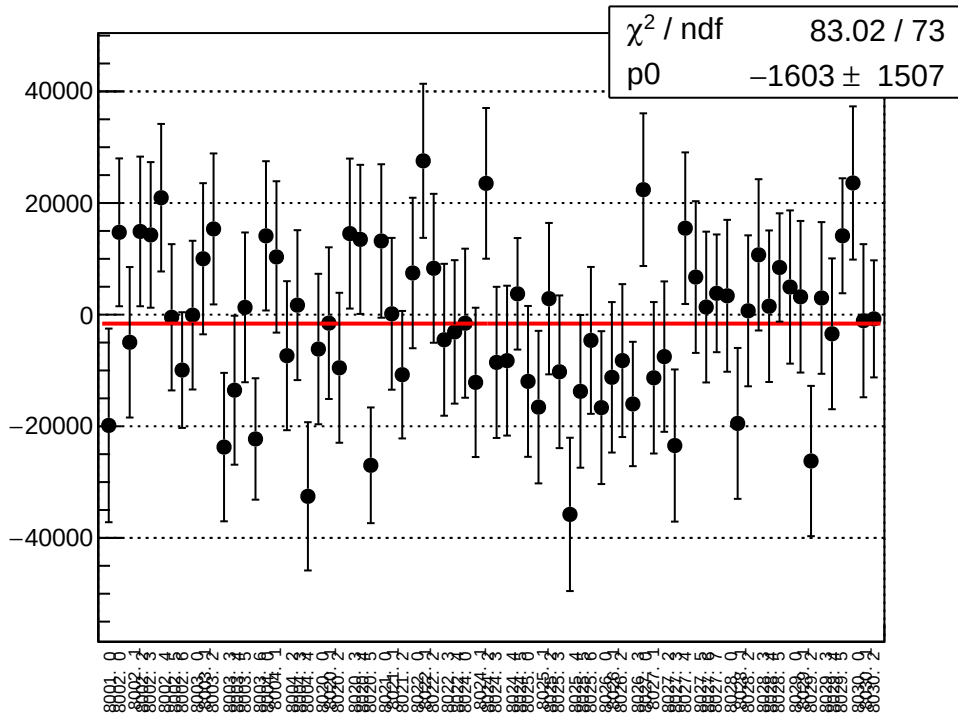
asym\_atl\_avg\_atr\_avg\_dd\_mean vs run



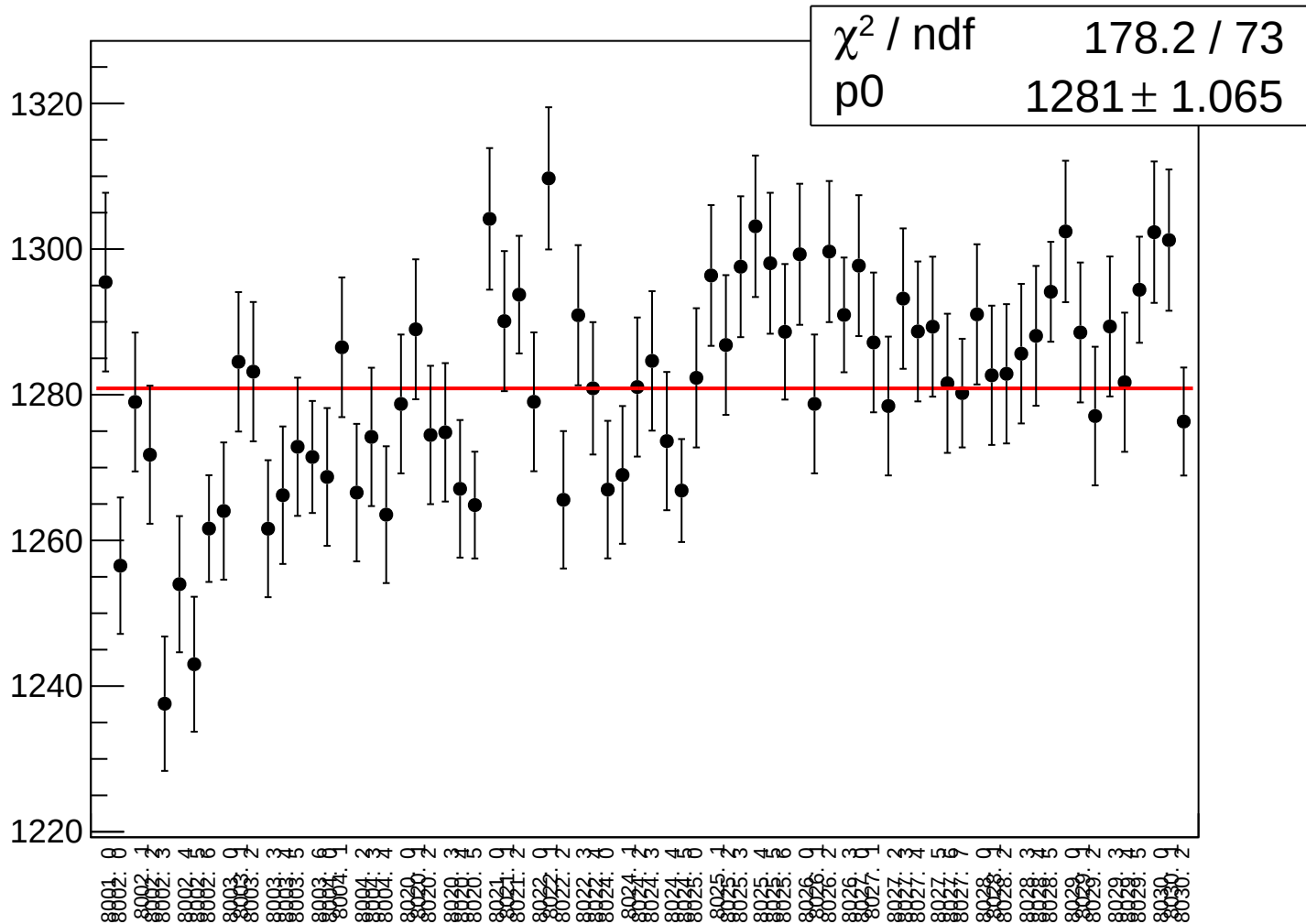
asym\_atl\_avg\_atr\_avg\_dd\_rms vs run



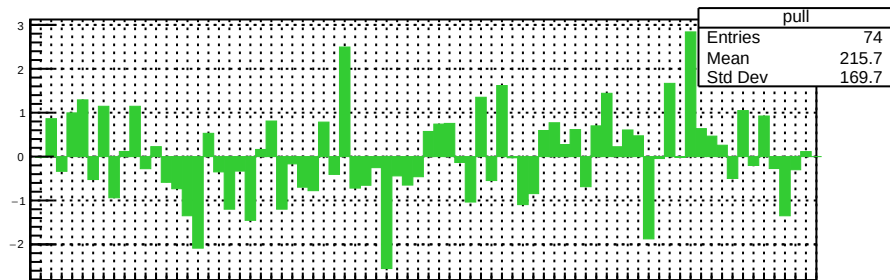
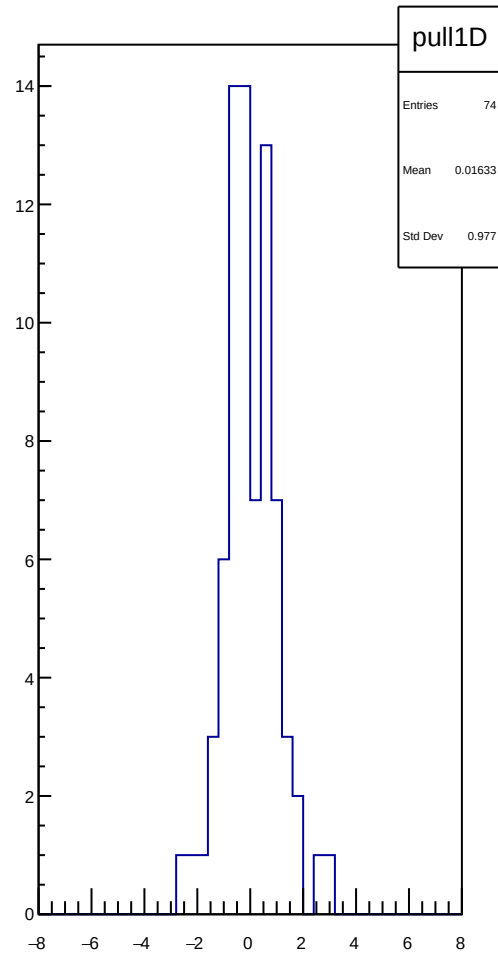
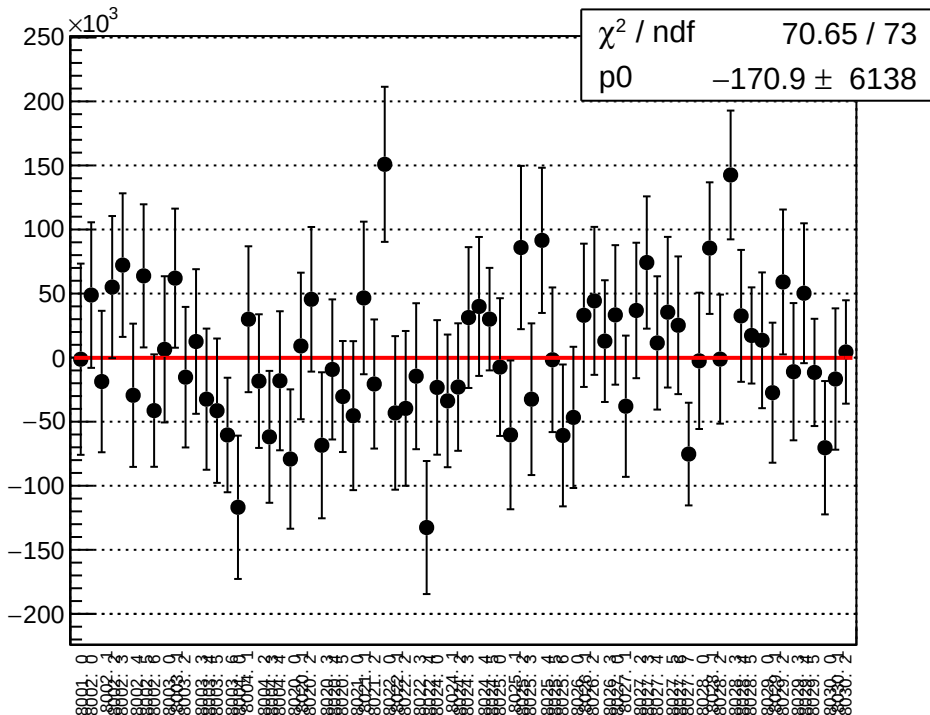
reg\_asym\_atl\_dd\_atr\_dd\_avg\_mean vs run



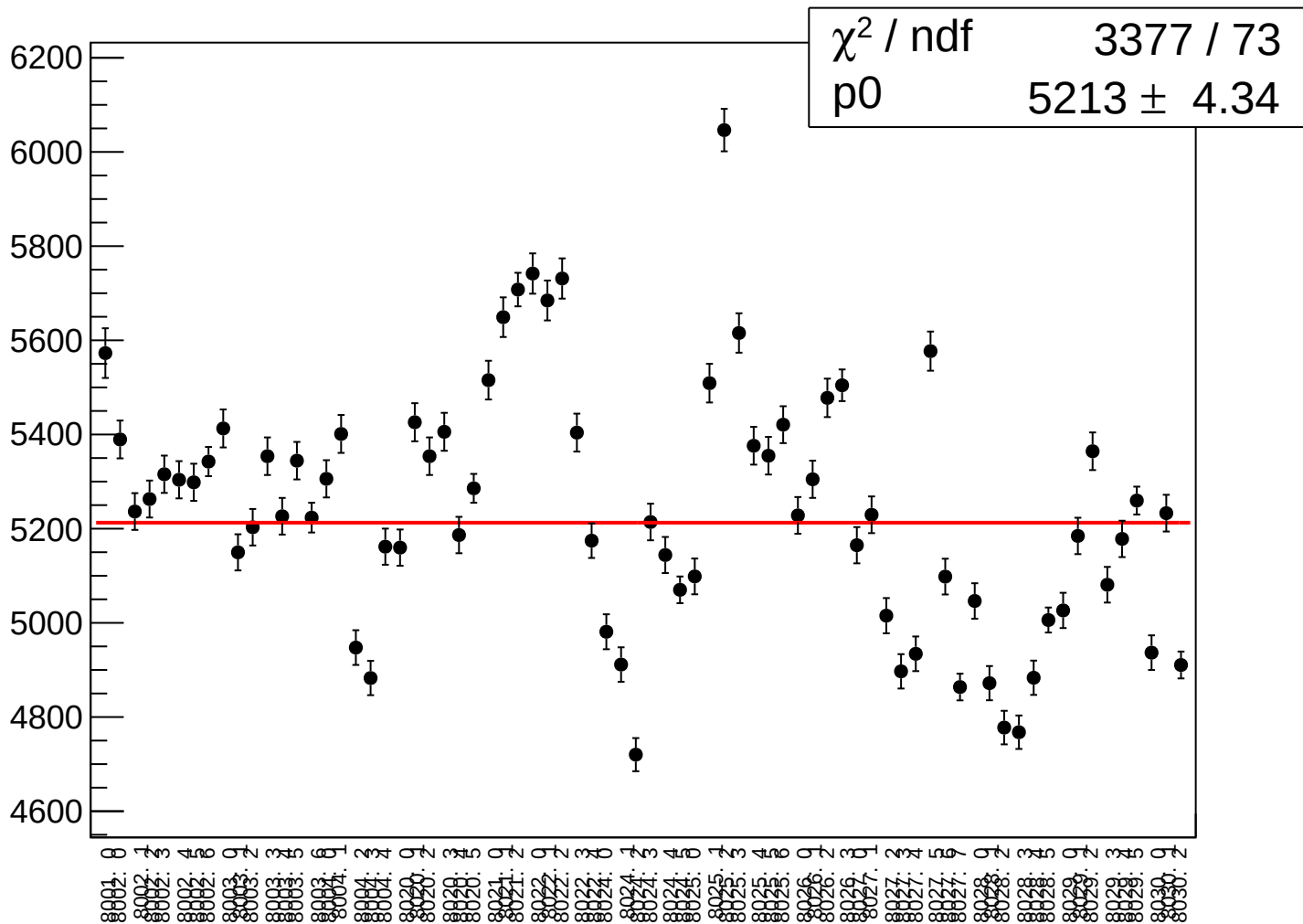
reg\_asym\_atl\_dd\_atr\_dd\_avg\_rms vs run



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

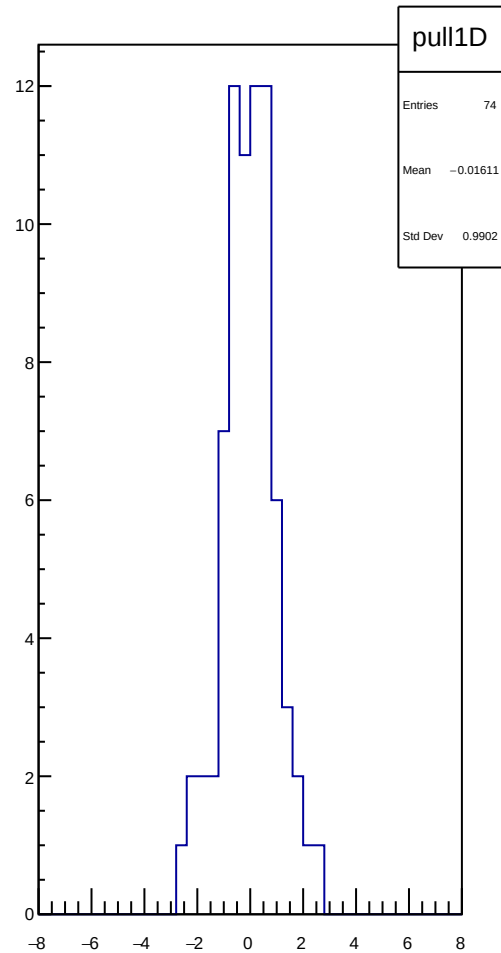
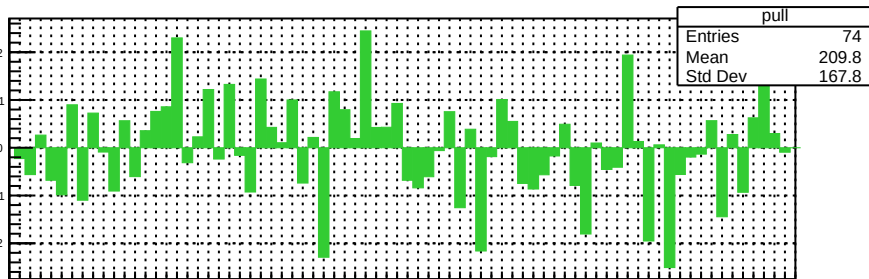
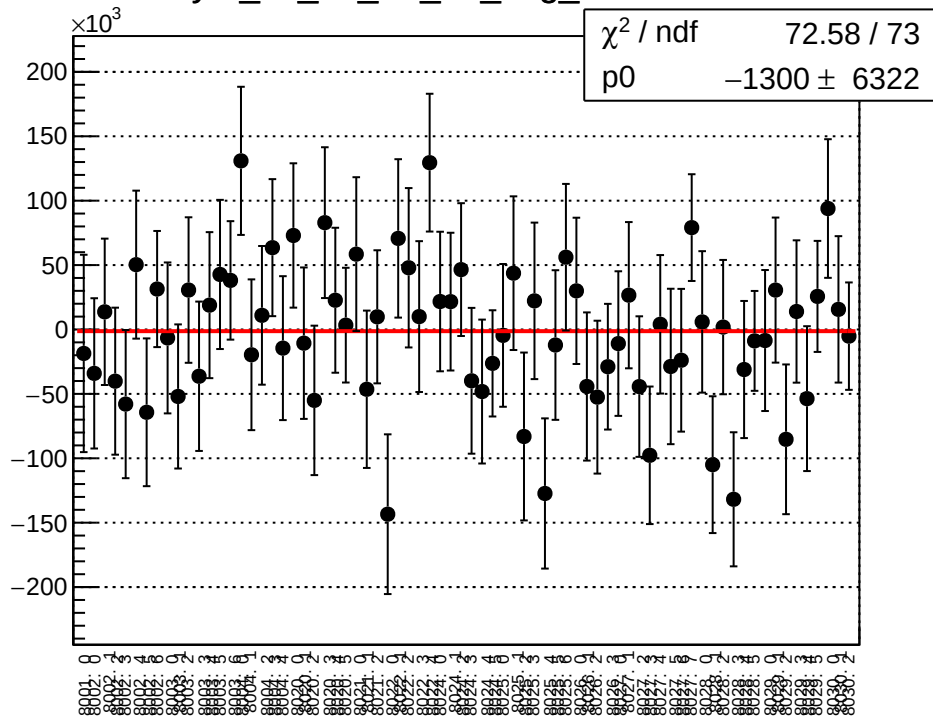


asym\_atl\_dd\_atr\_dd\_avg\_correction\_rms vs run

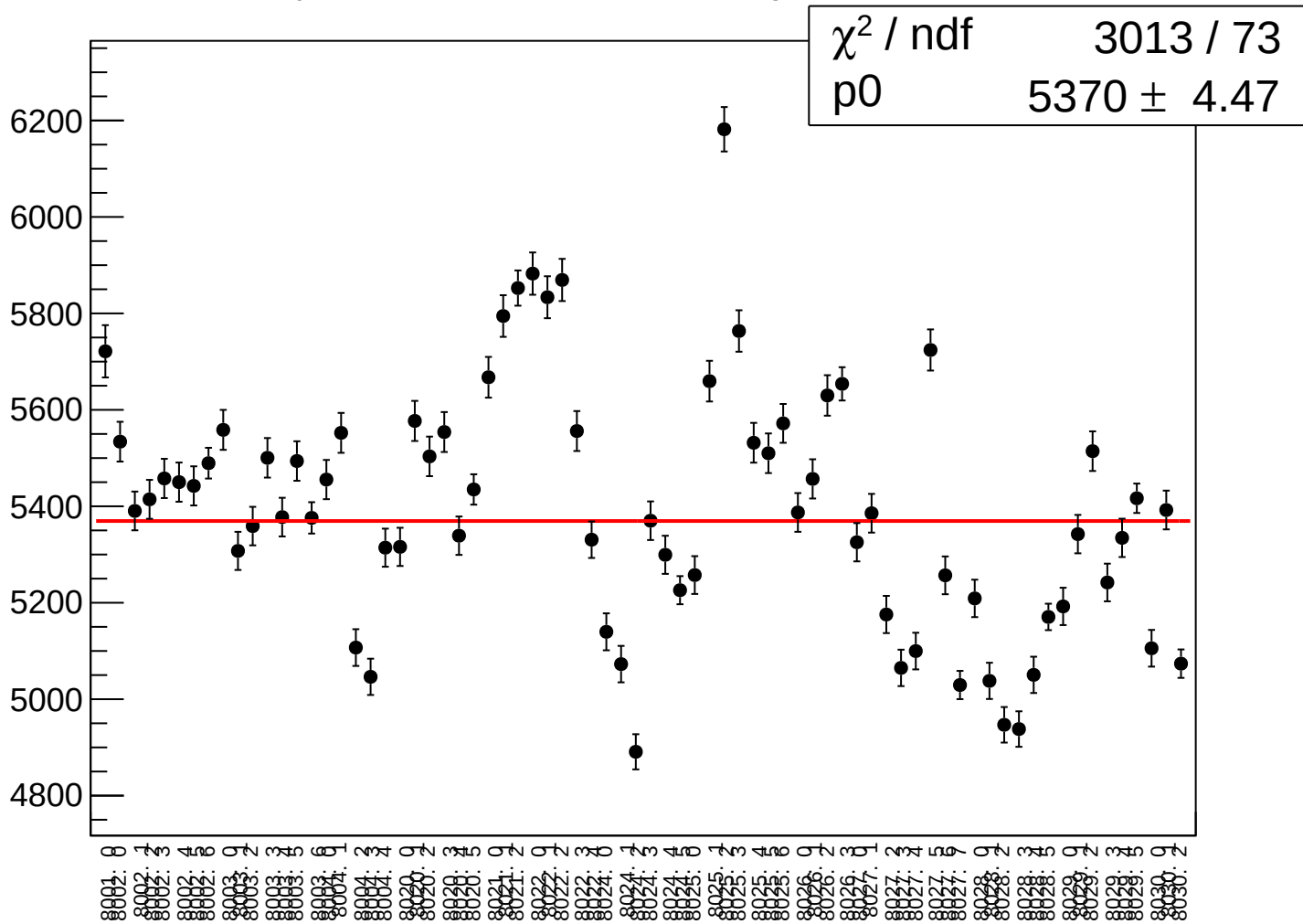




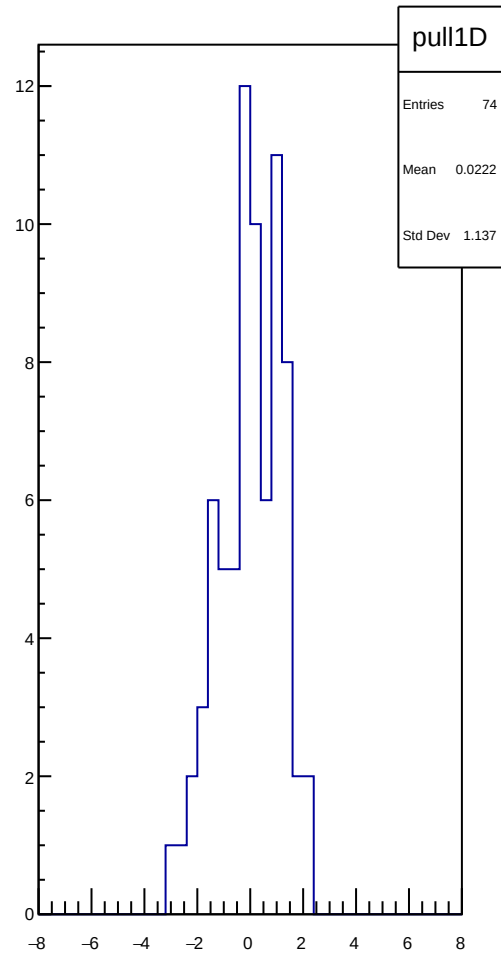
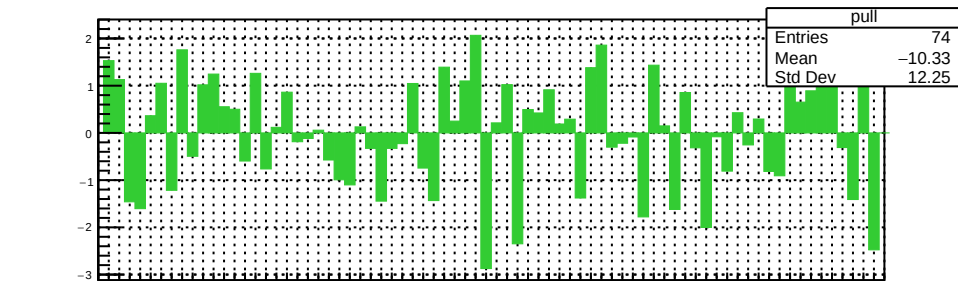
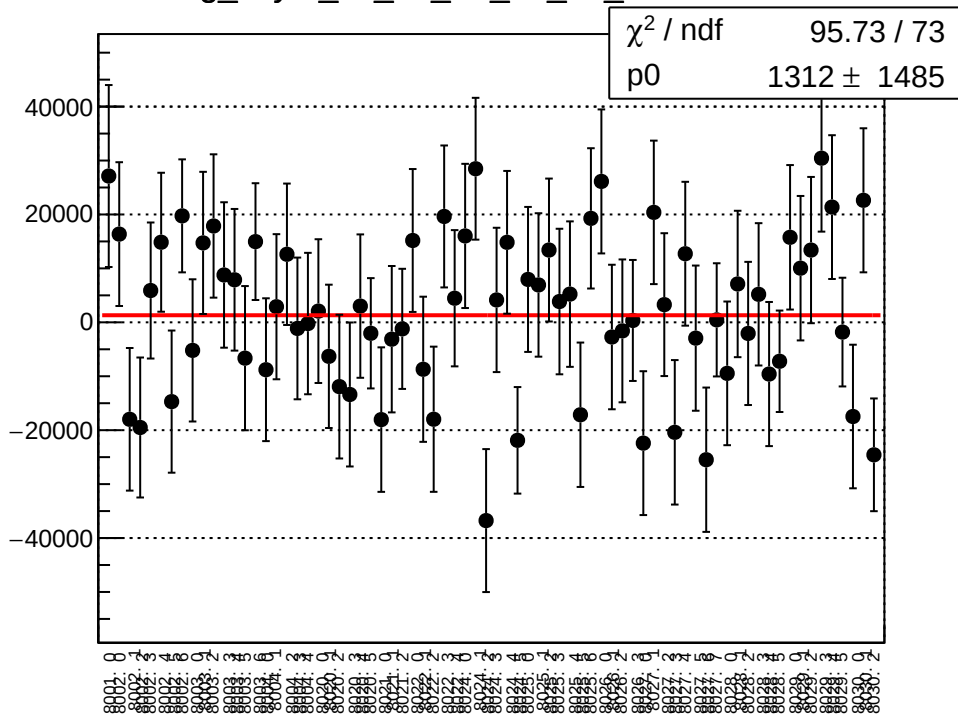
asym\_atl\_dd\_atr\_dd\_avg\_mean vs run



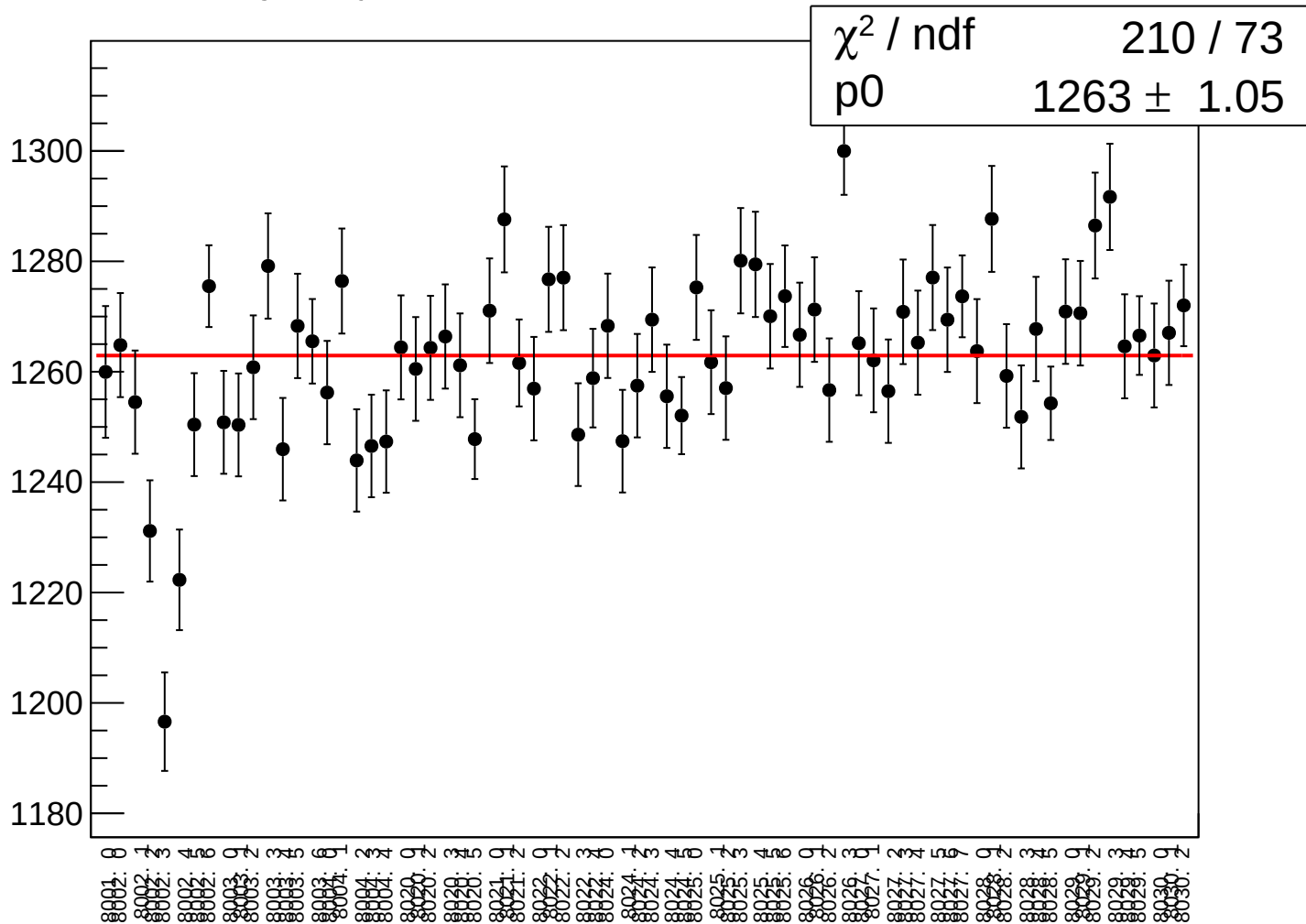
asym\_atl\_dd\_atr\_dd\_avg\_rms vs run



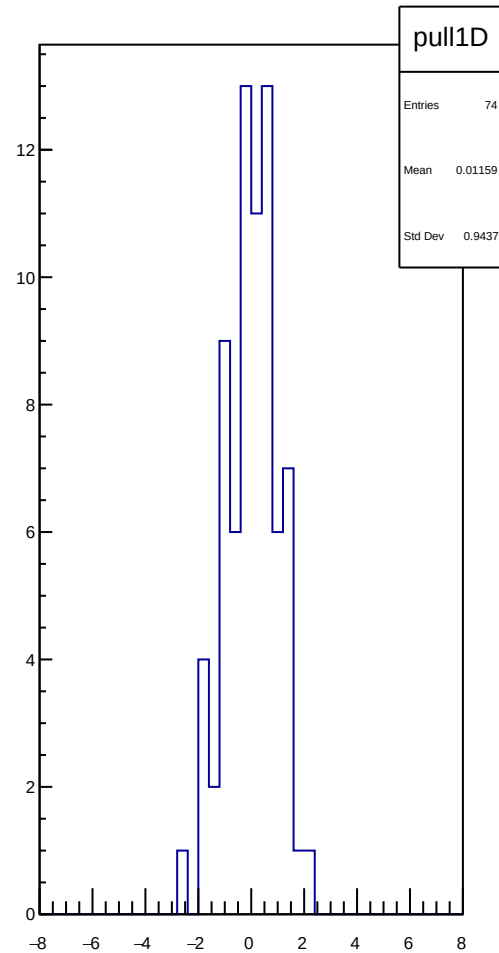
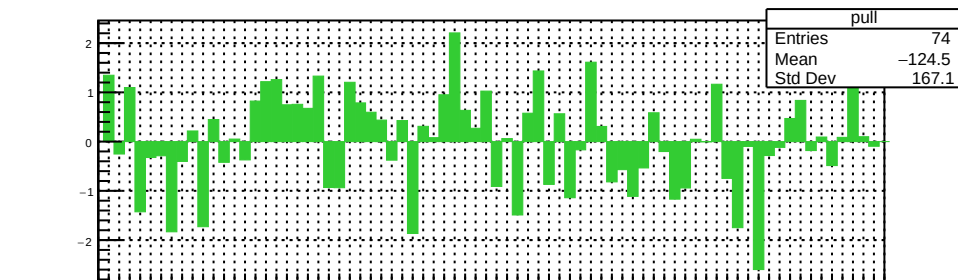
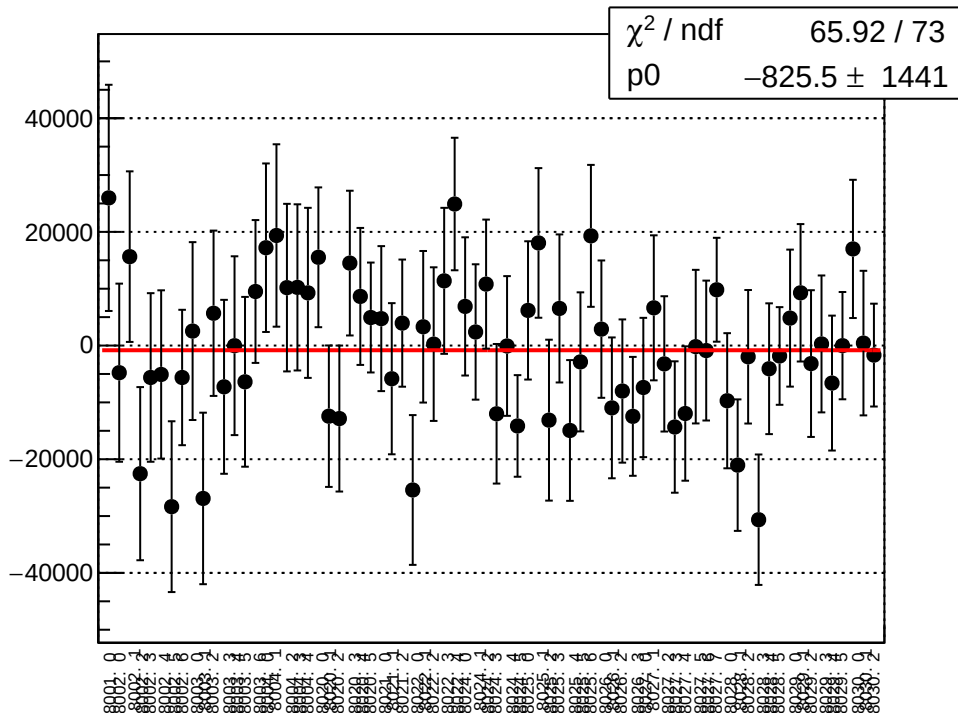
reg\_asym\_atl\_dd\_atr\_dd\_dd\_mean vs run



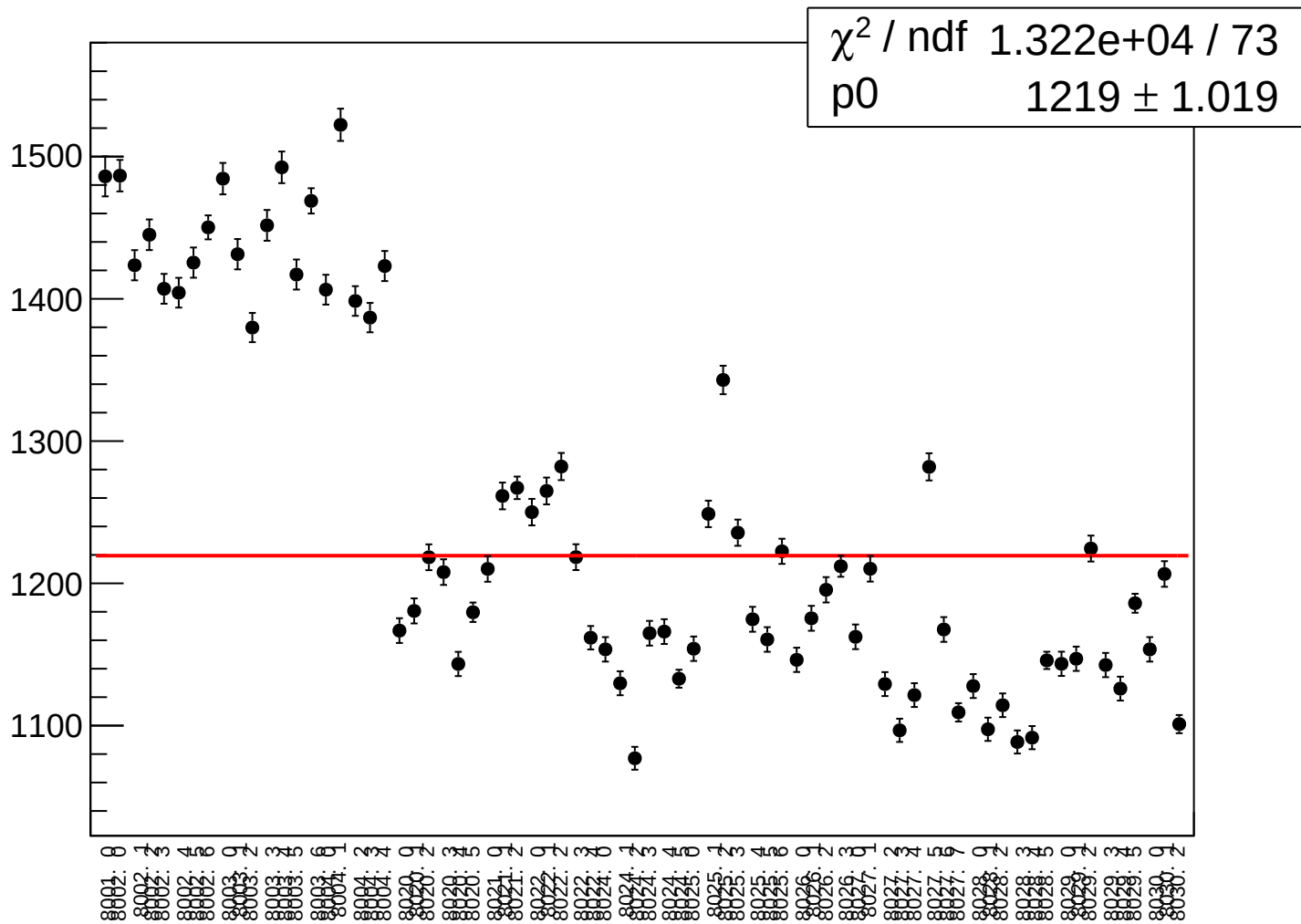
# reg\_asym\_atl\_dd\_atr\_dd\_dd\_rms vs run



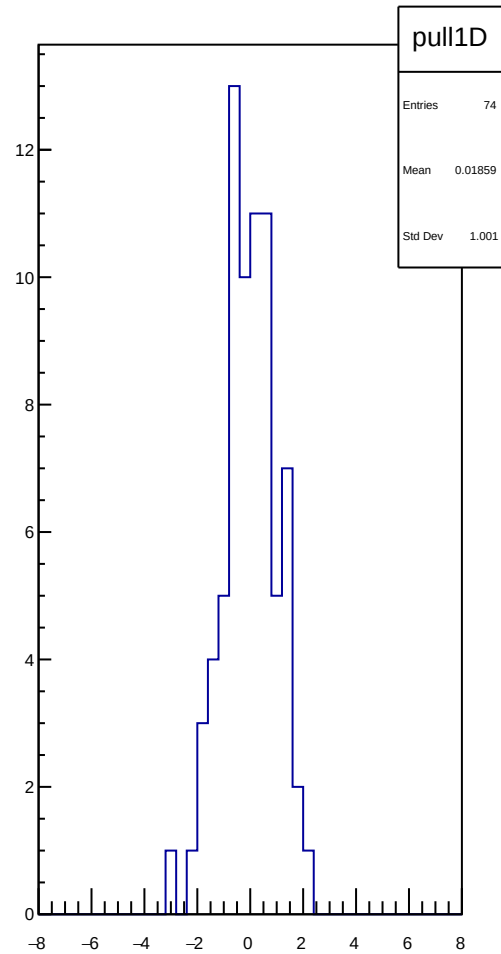
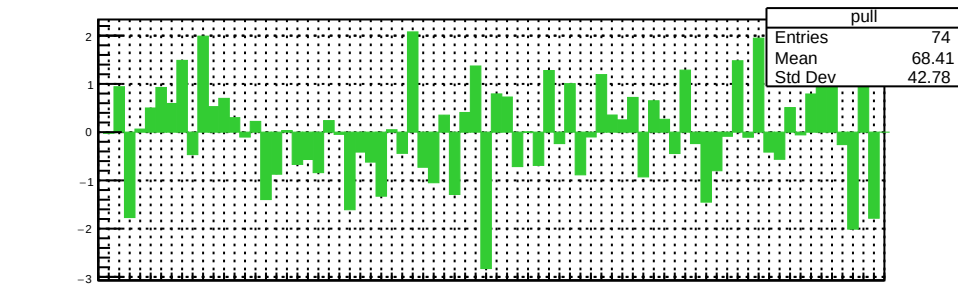
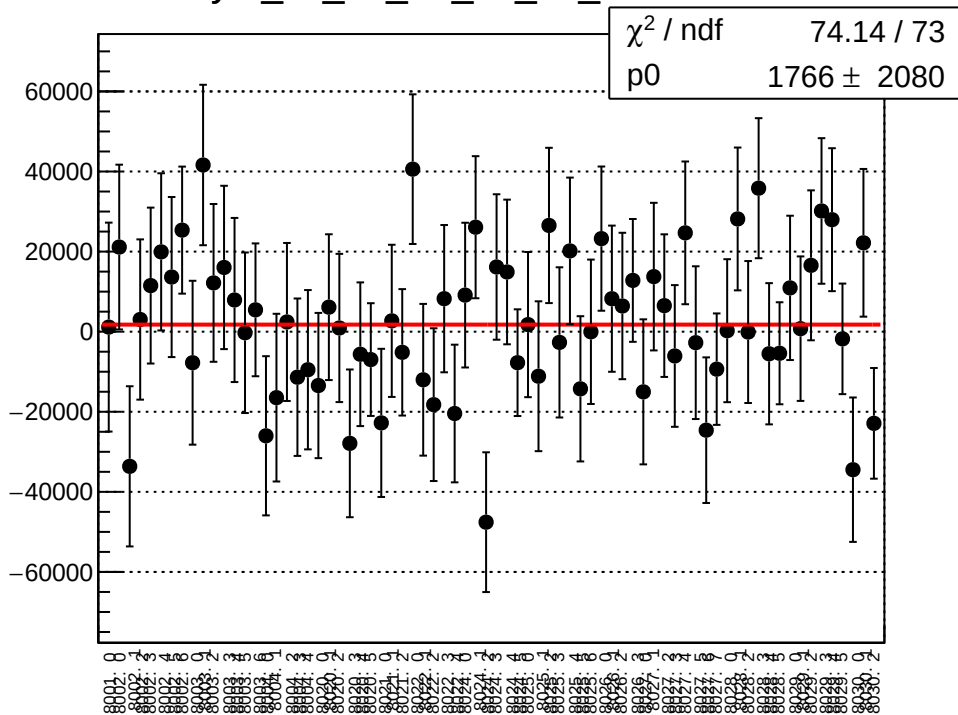
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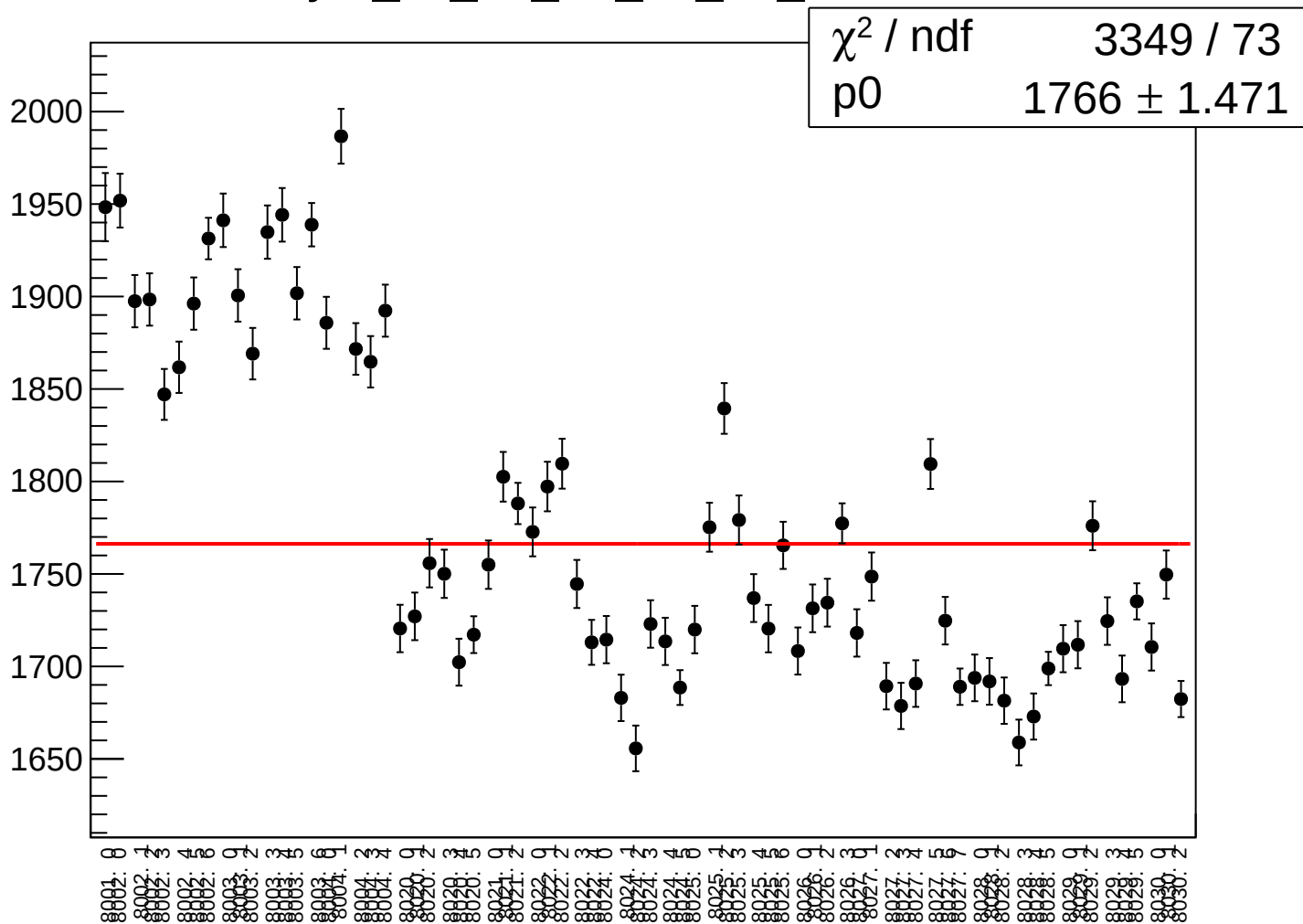
asym\_atl\_dd\_atr\_dd\_dd\_correction\_rms vs run



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

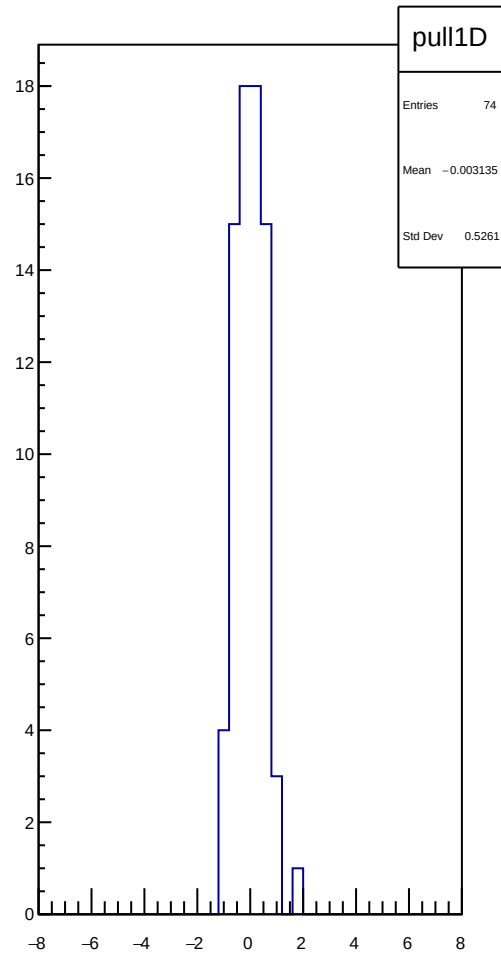
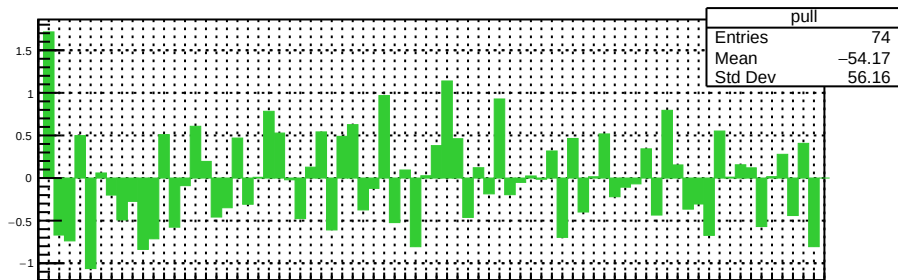
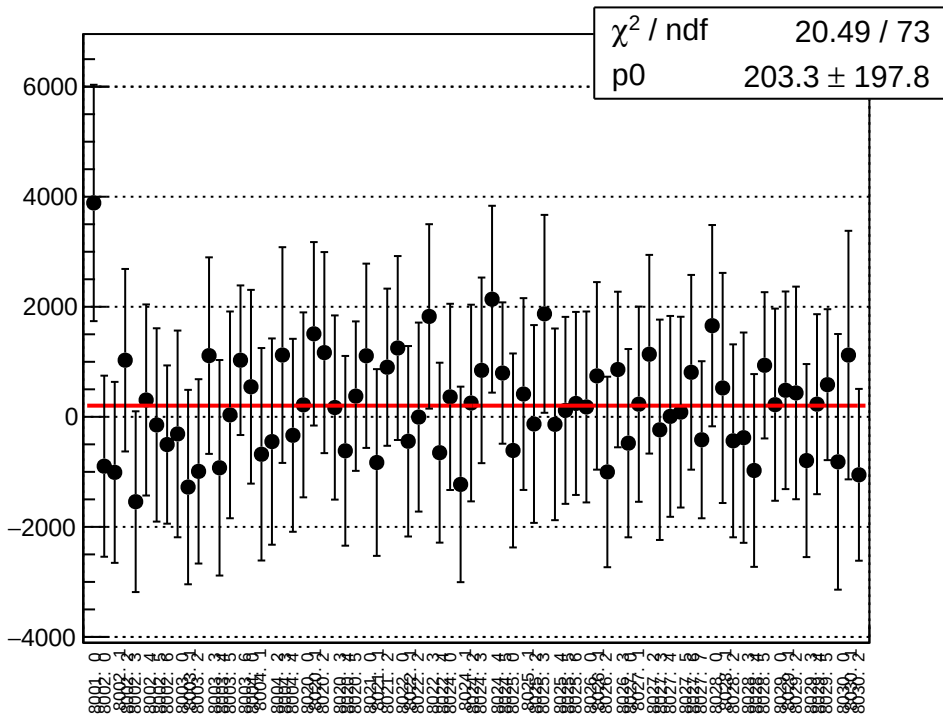


# asym\_atl\_dd\_atr\_dd\_dd\_rms vs run

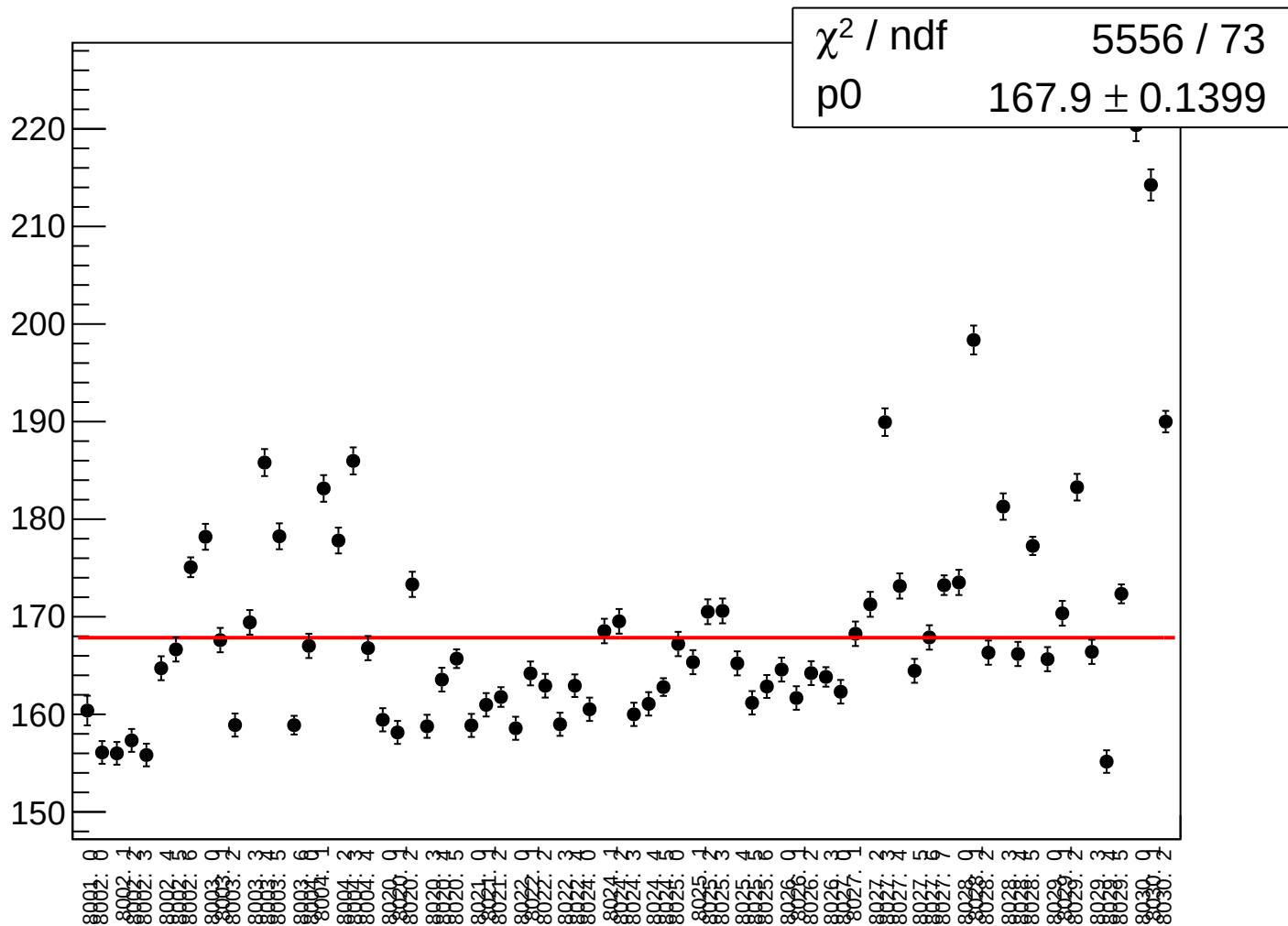




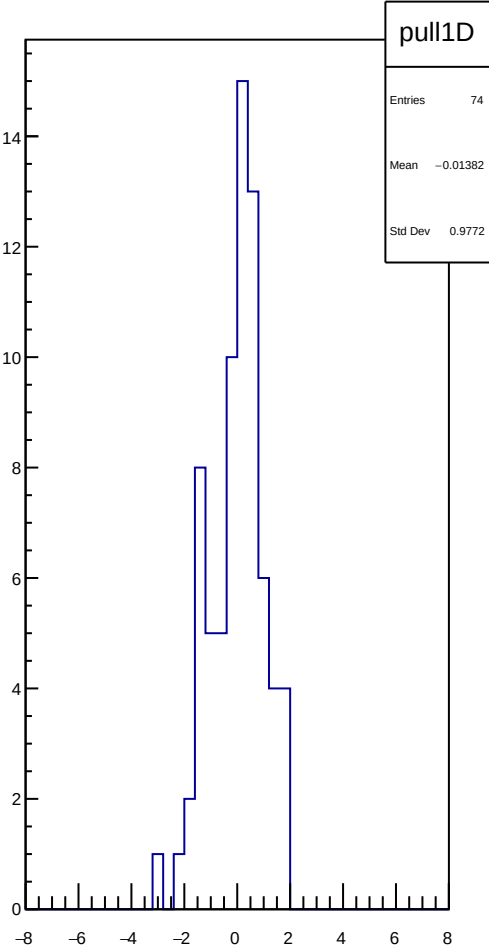
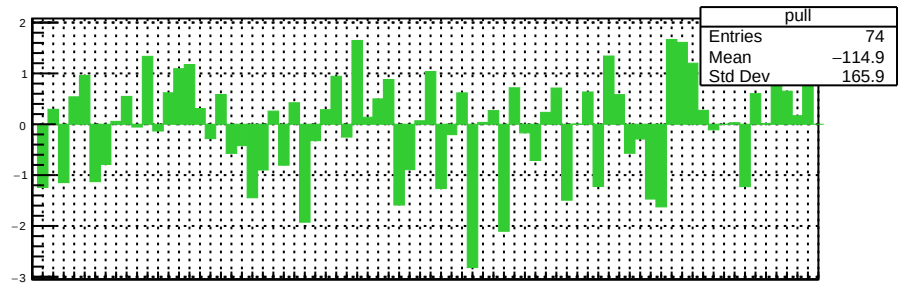
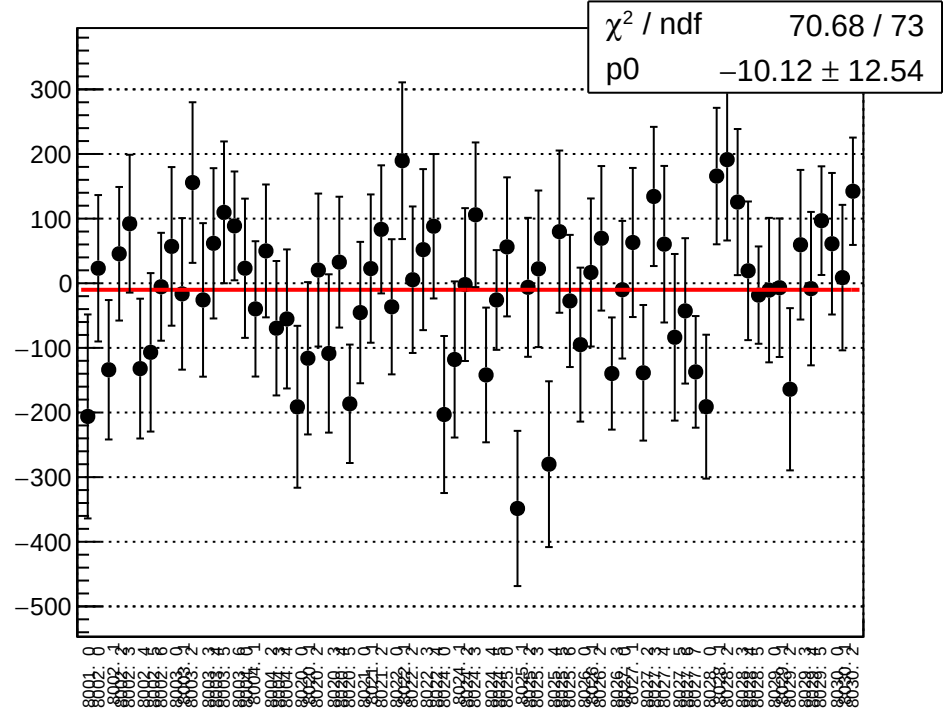
asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_avg\_mean vs run



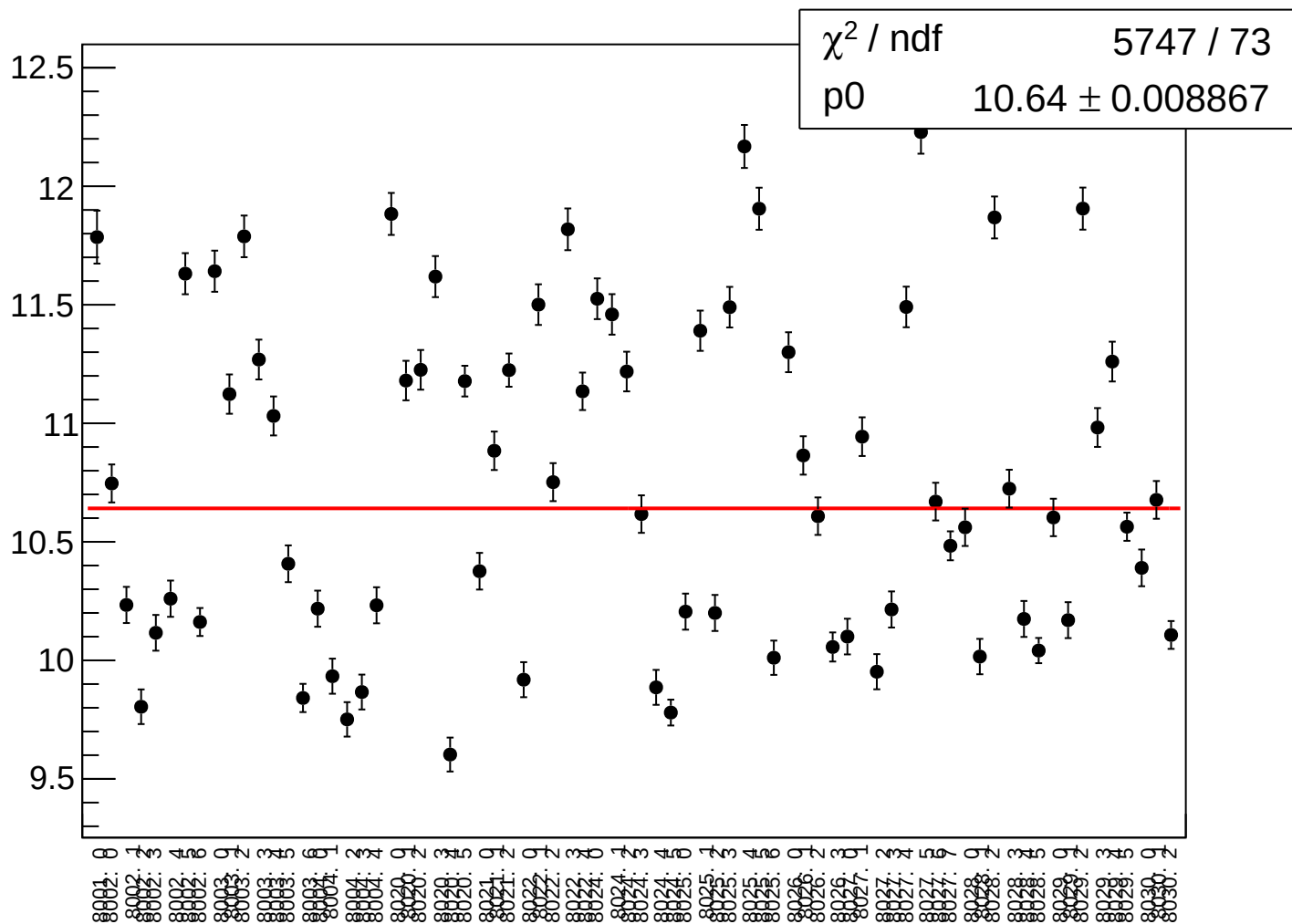
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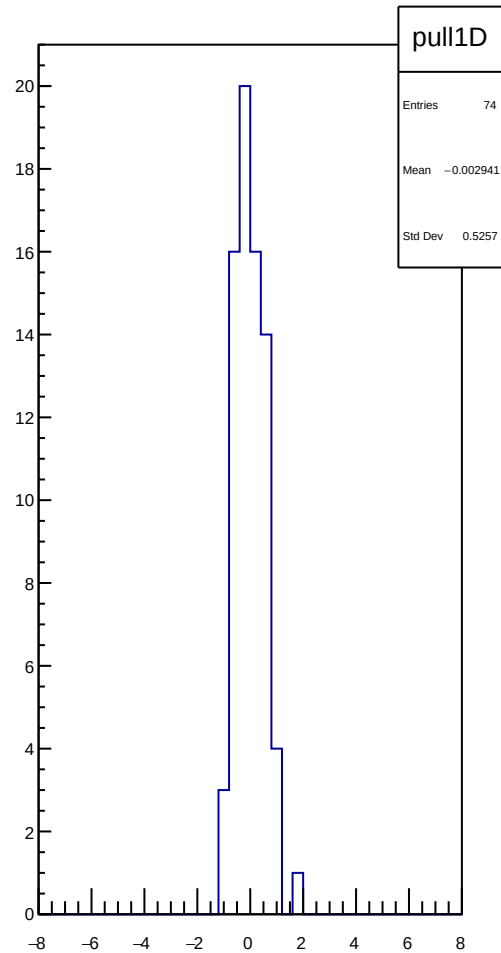
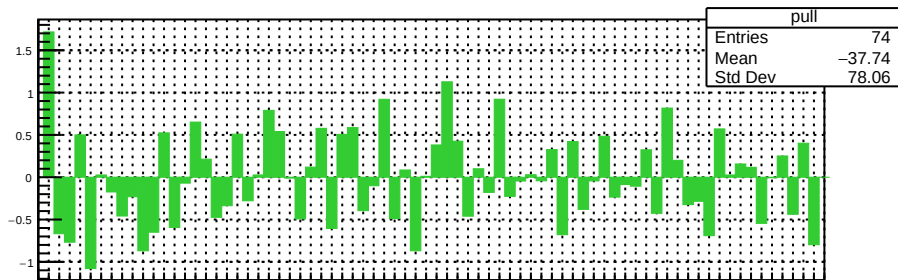
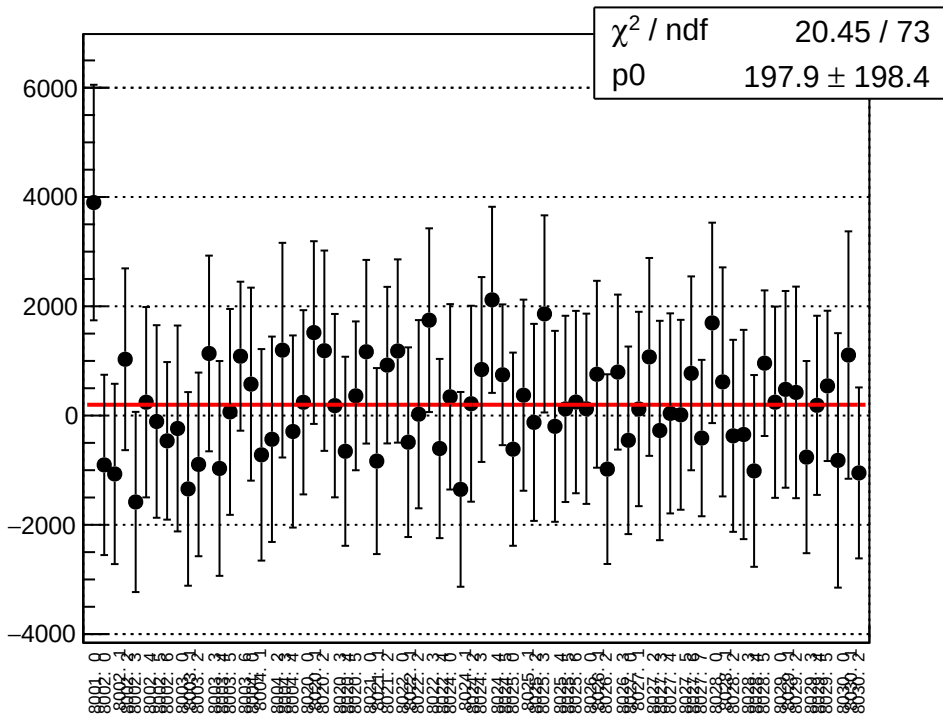
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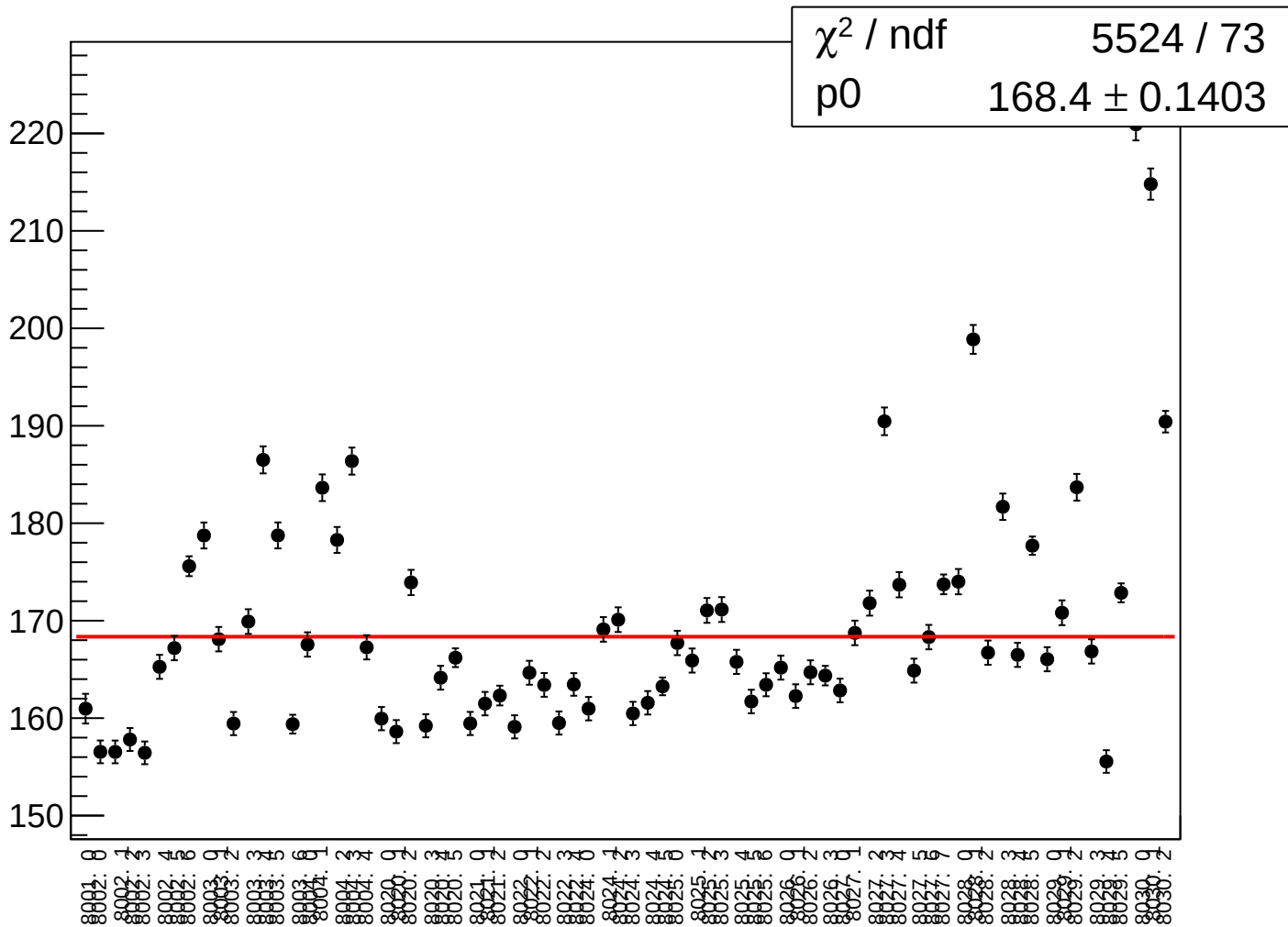
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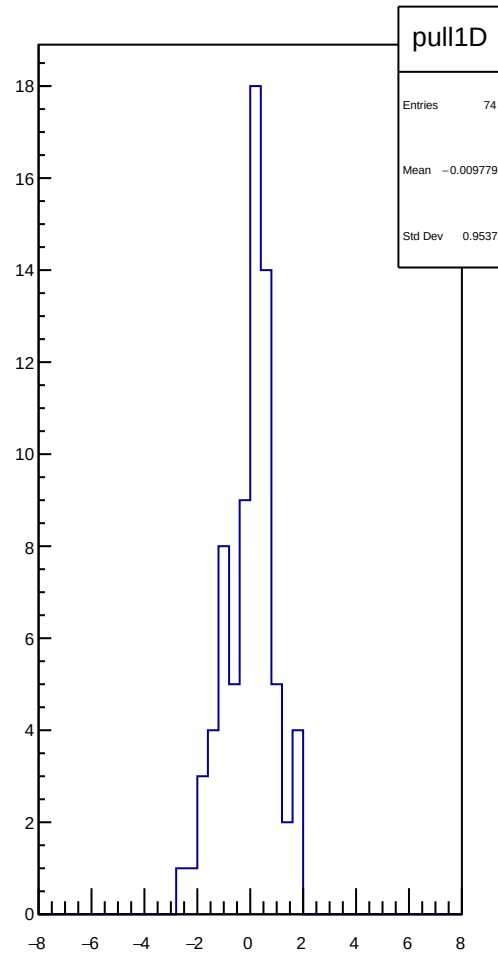
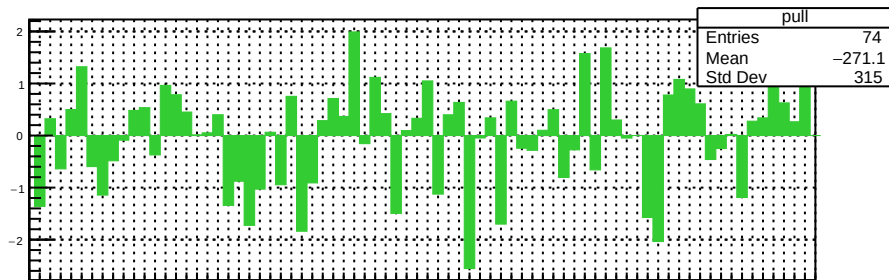
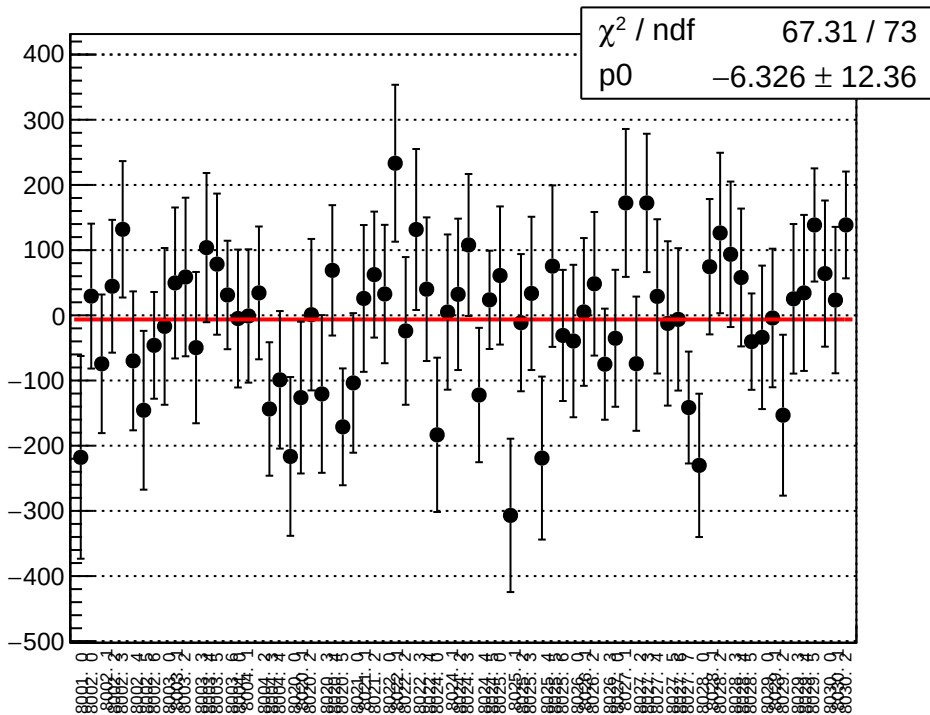
asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_avg\_mean vs run



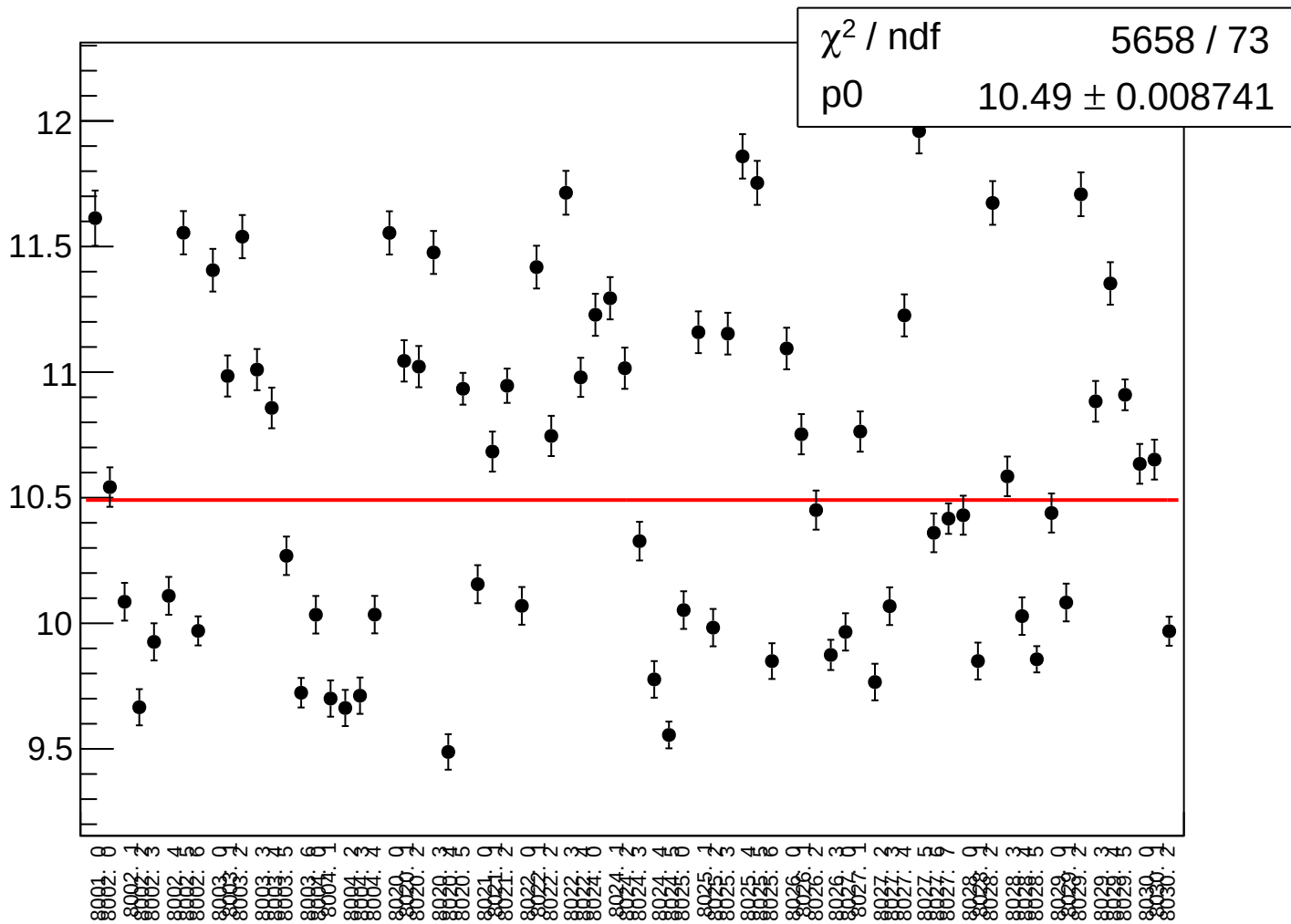
asym bcm an us bcm an ds3 agg avg rms vs run



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

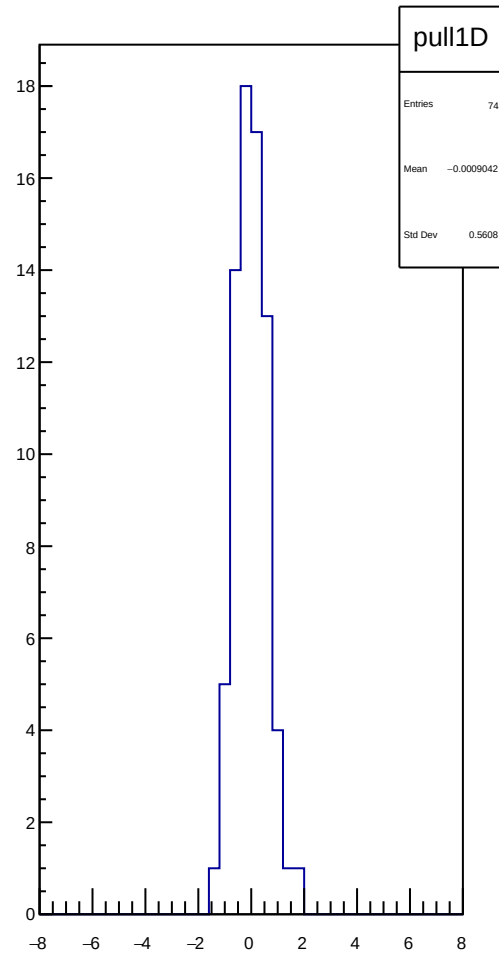
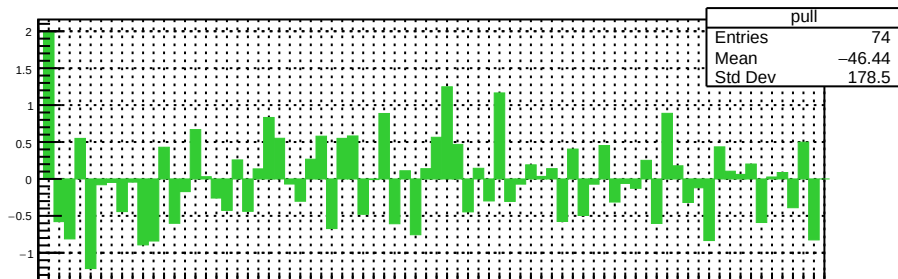
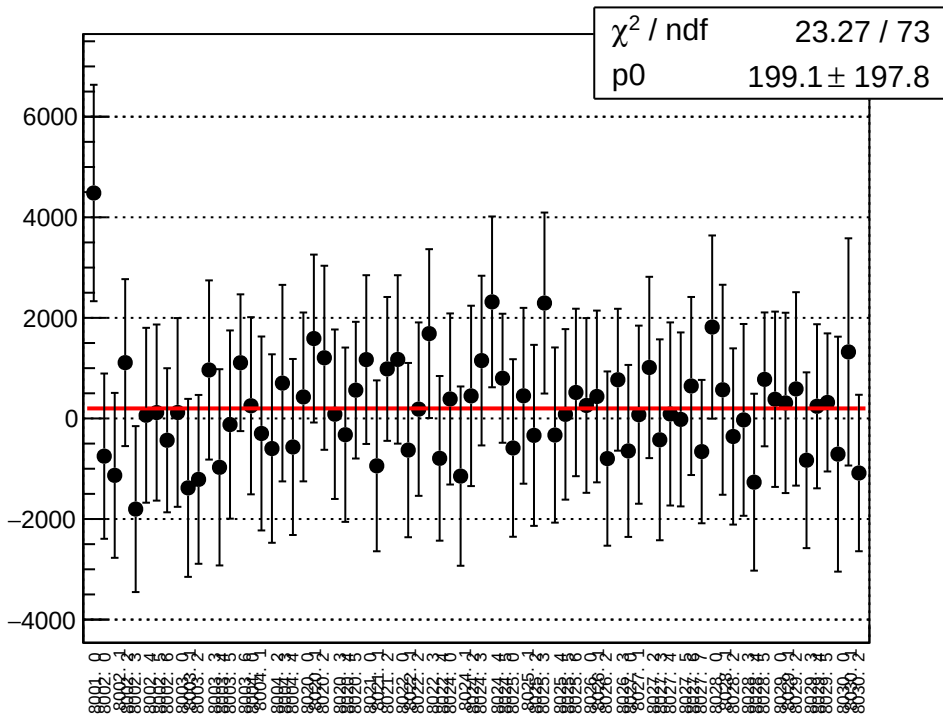


asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_dd\_rms vs run

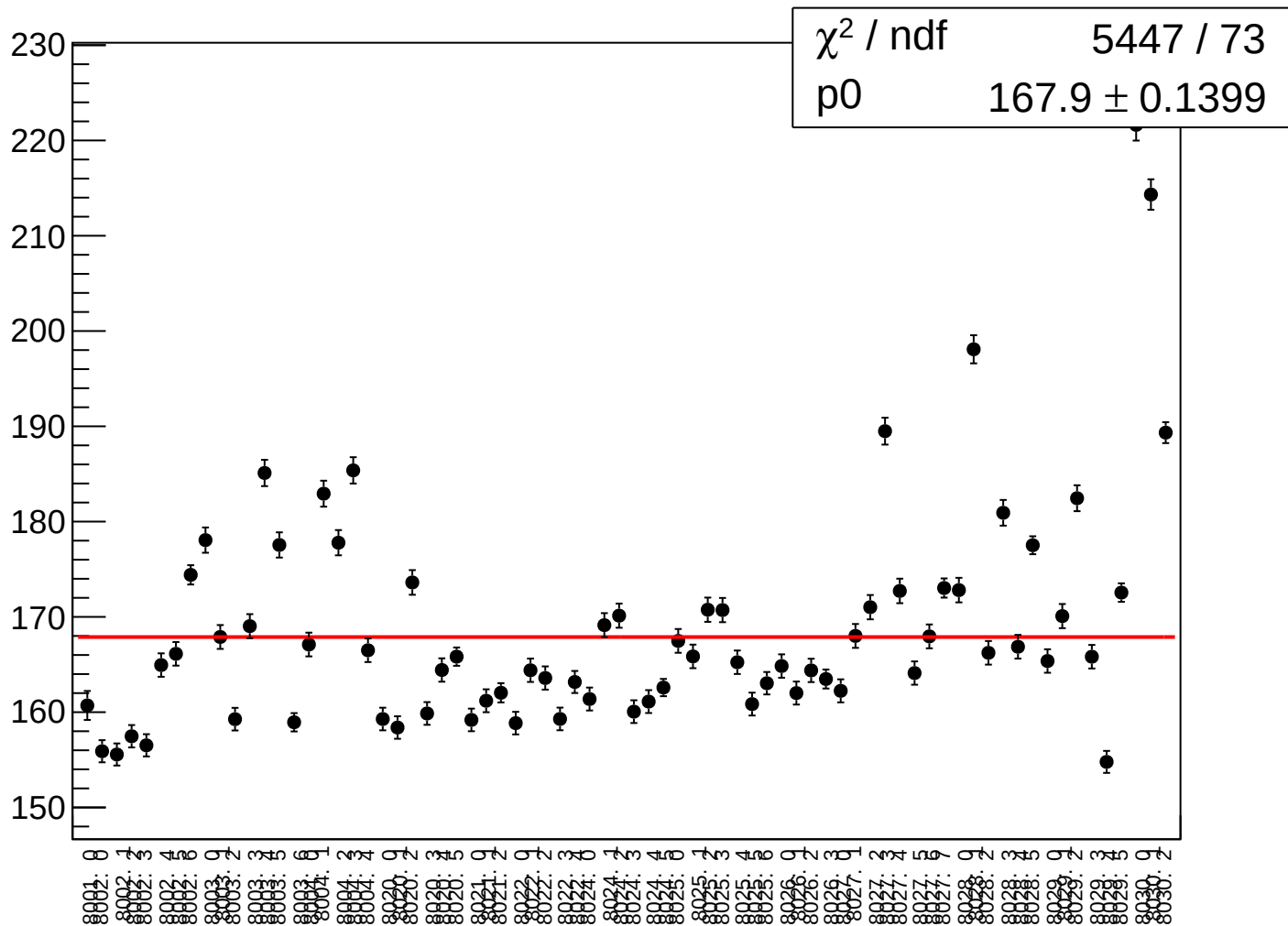




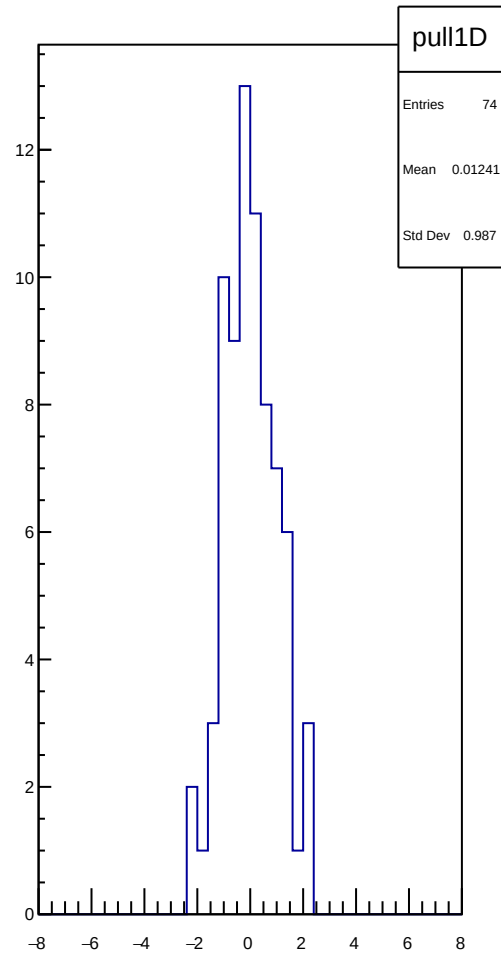
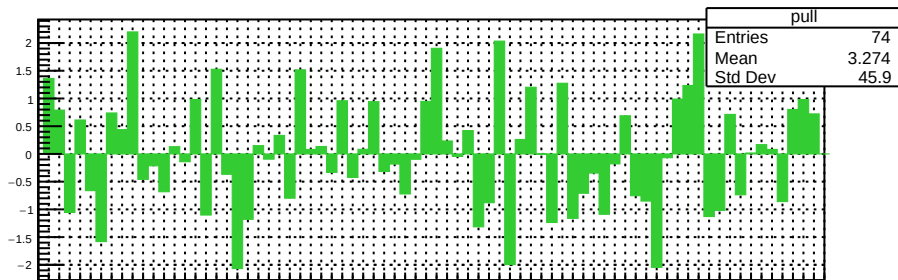
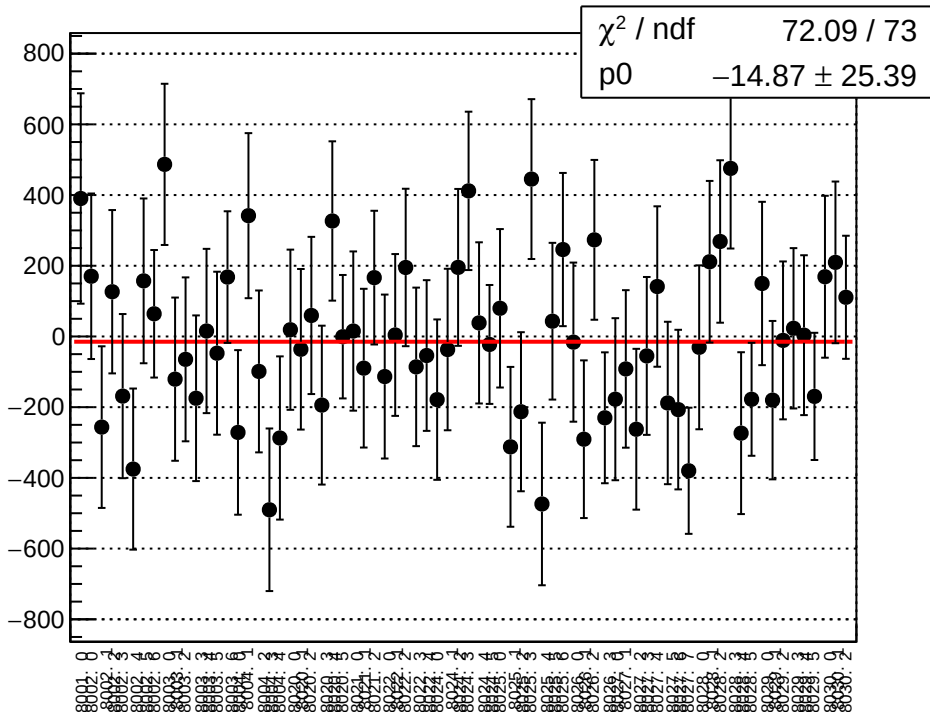
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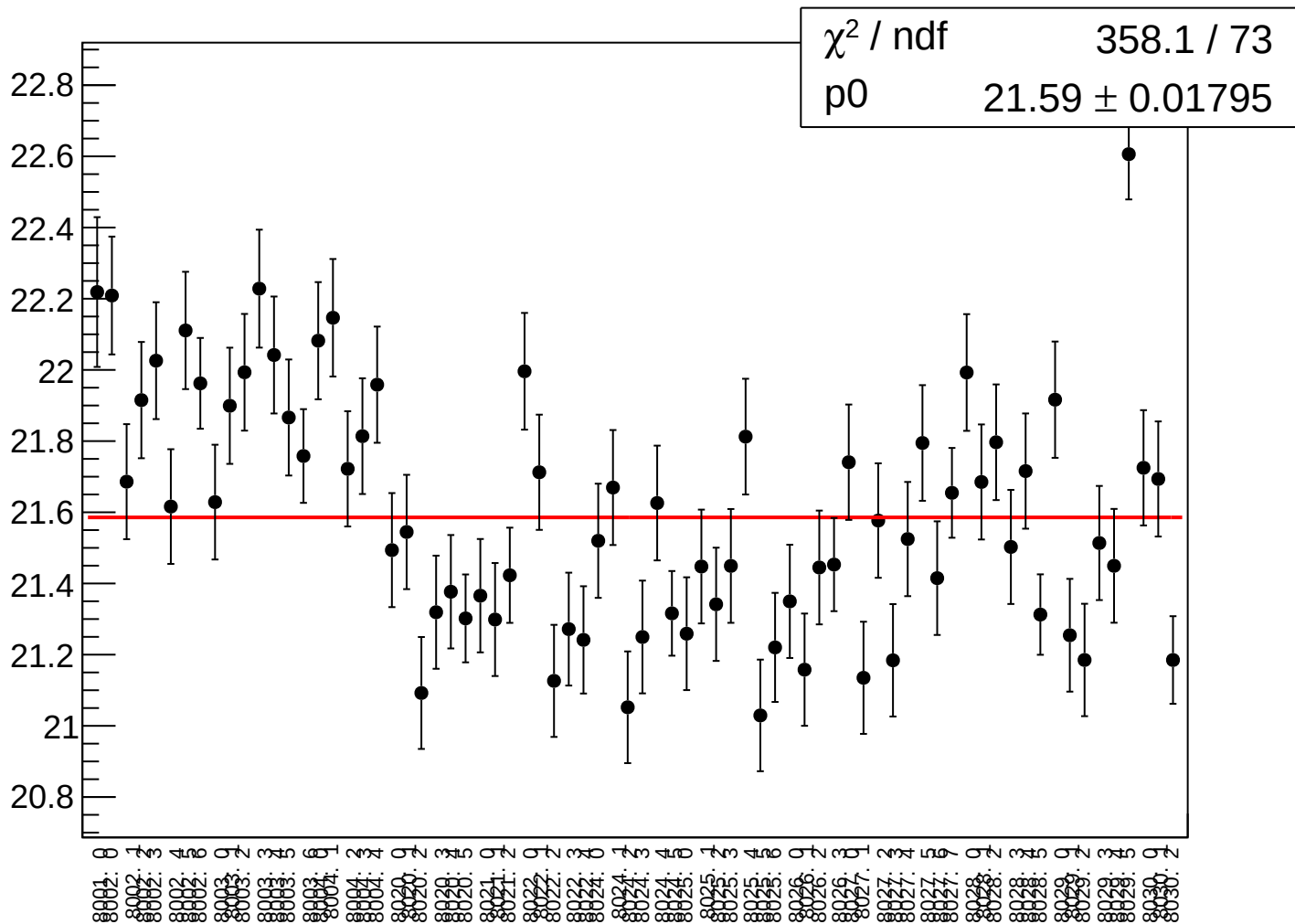
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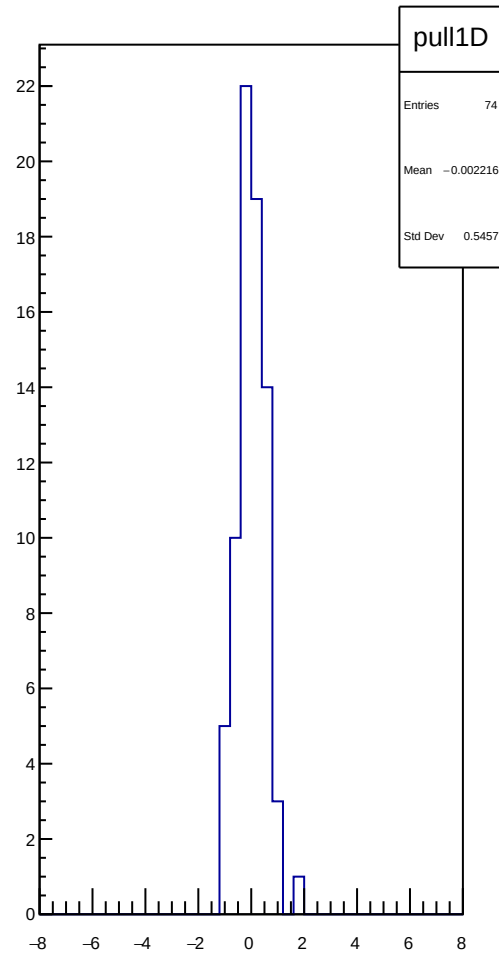
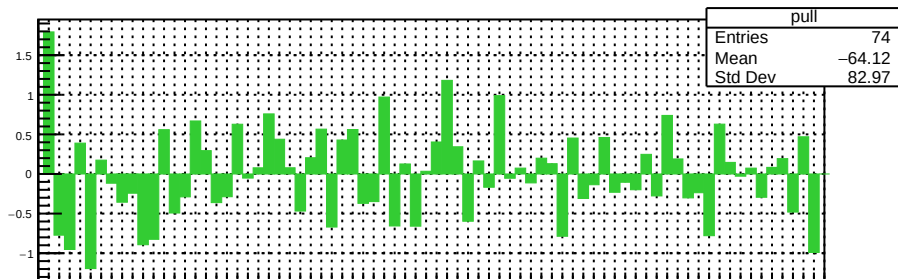
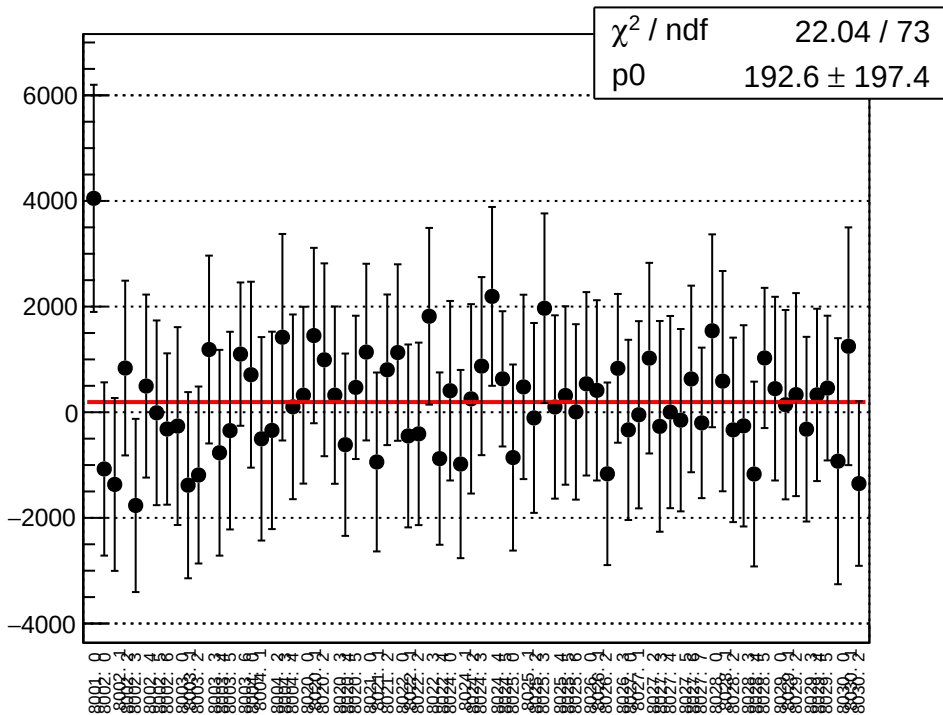
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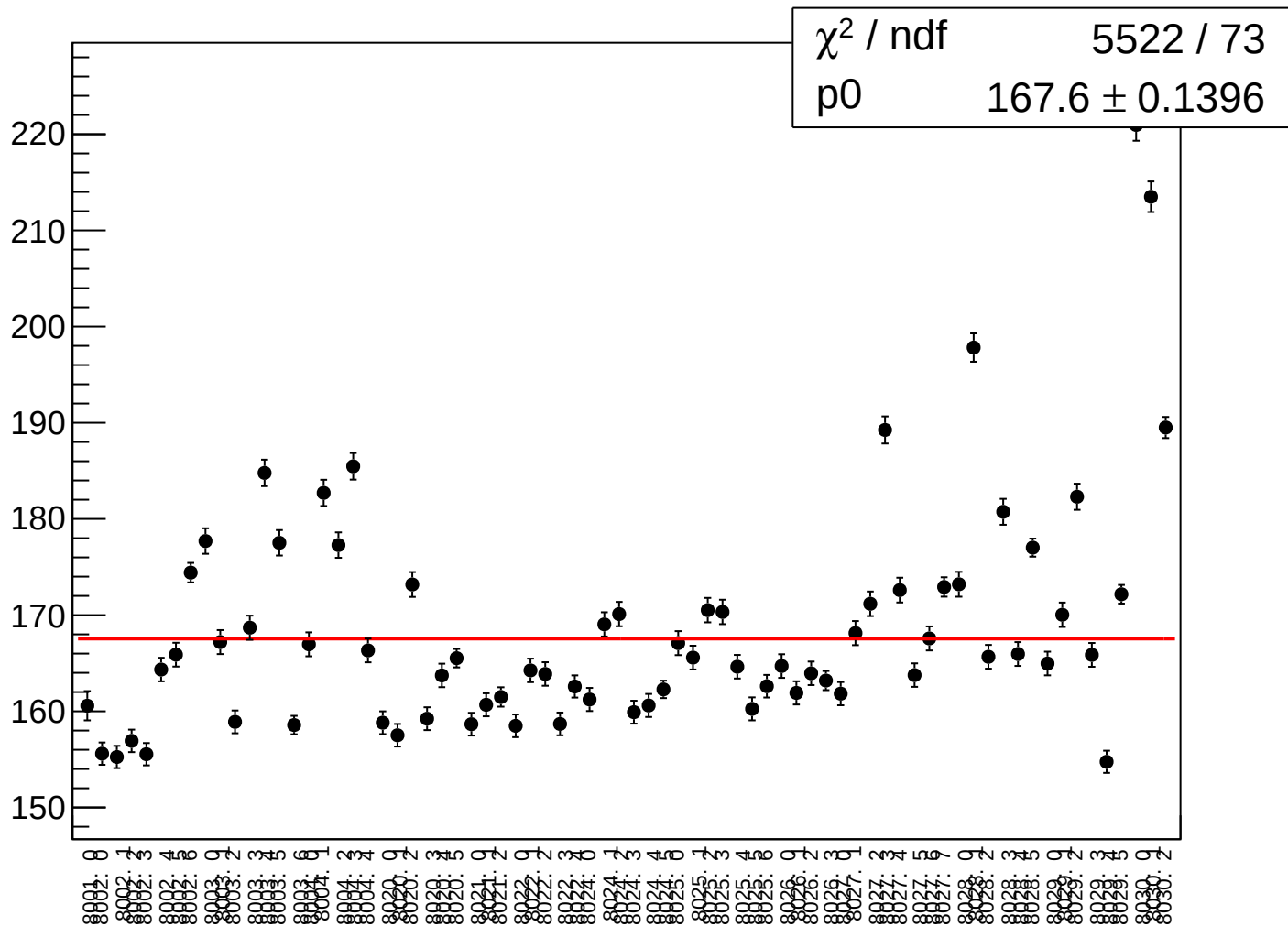
asym\_bcm\_dg\_us\_bcm\_an\_ds\_agg\_dd\_rms vs run



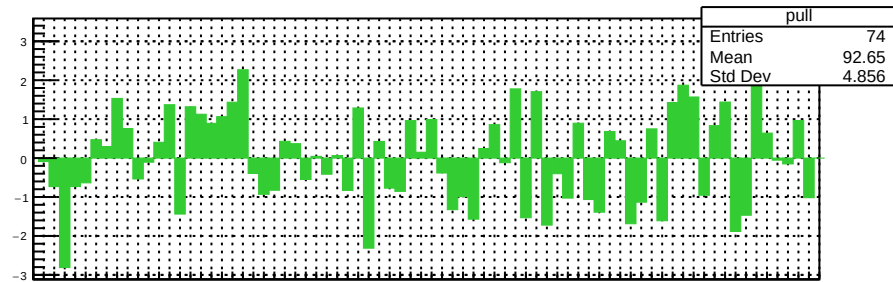
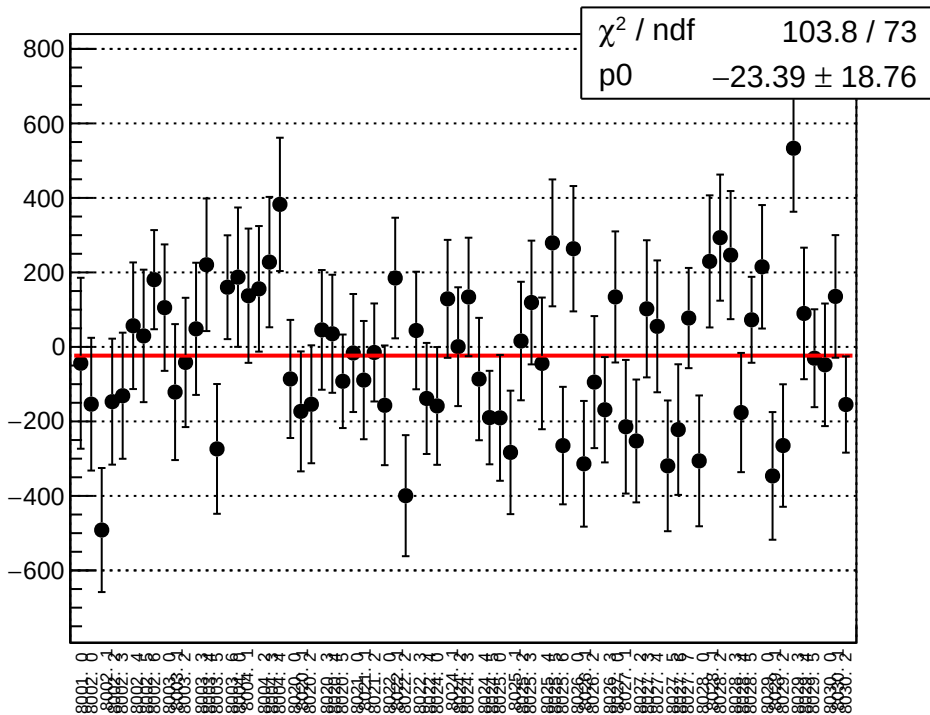
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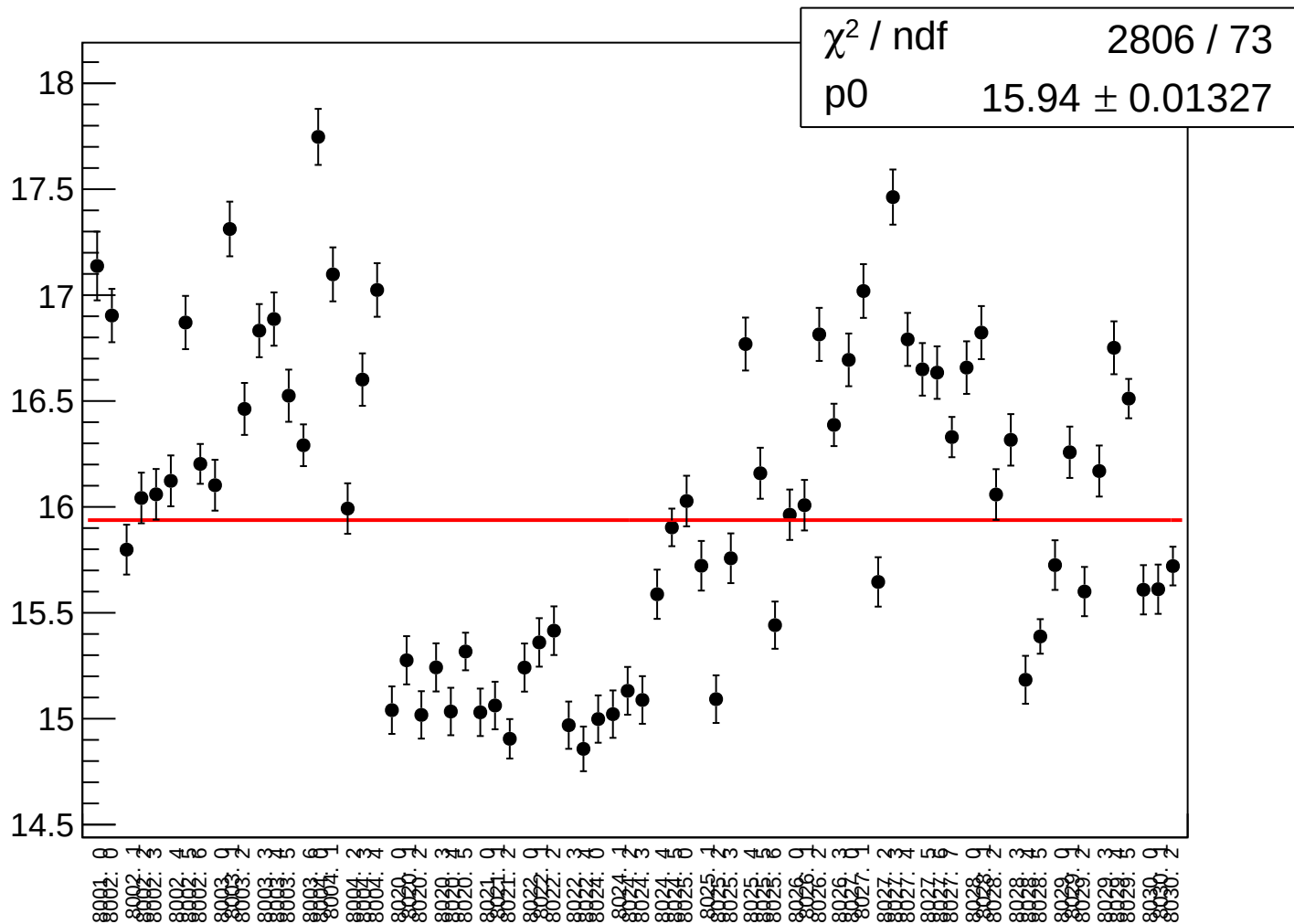
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asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_dd\_mean vs run

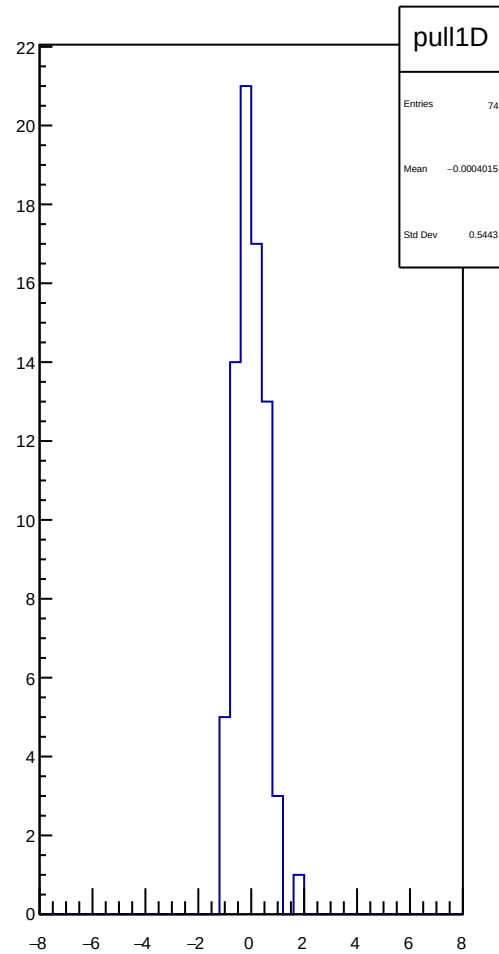
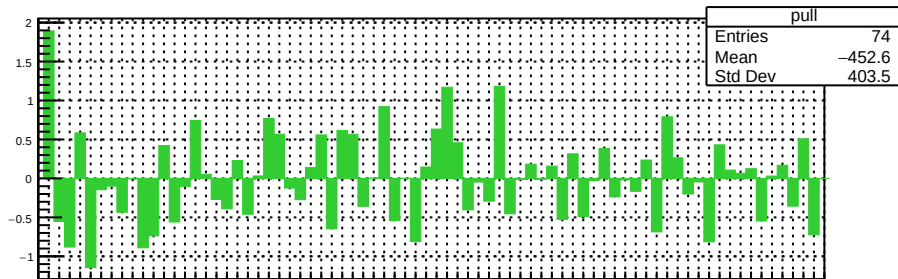
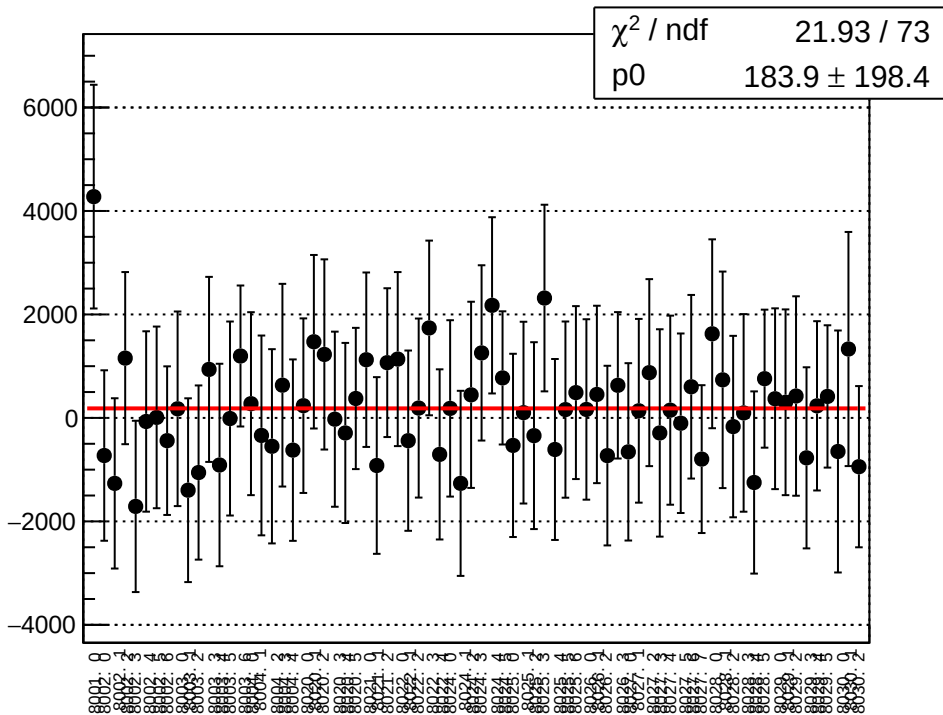


asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_dd\_rms vs run

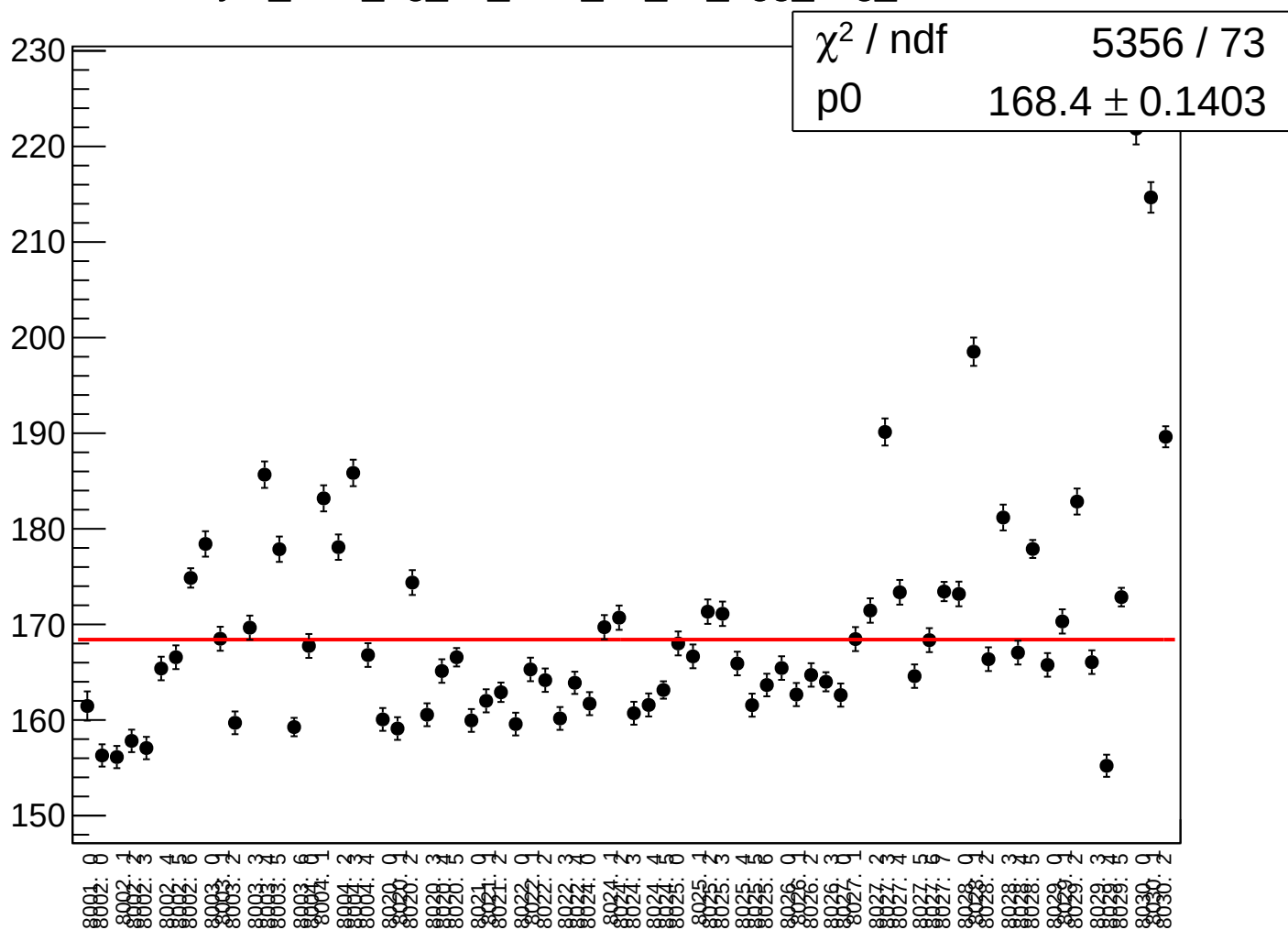




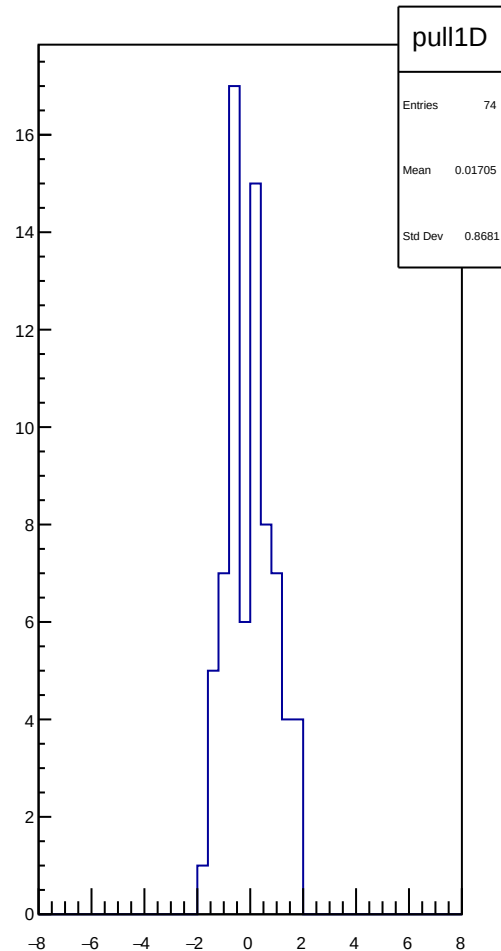
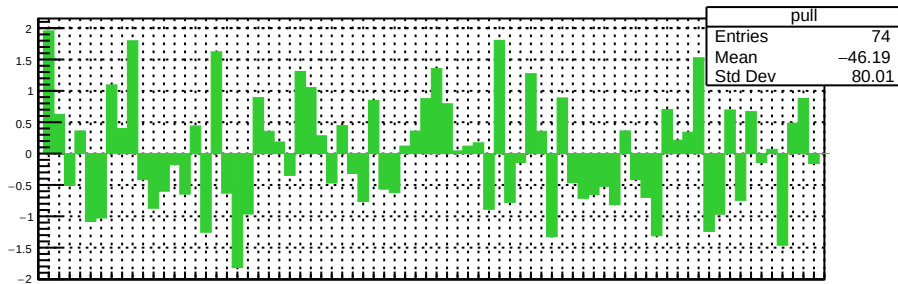
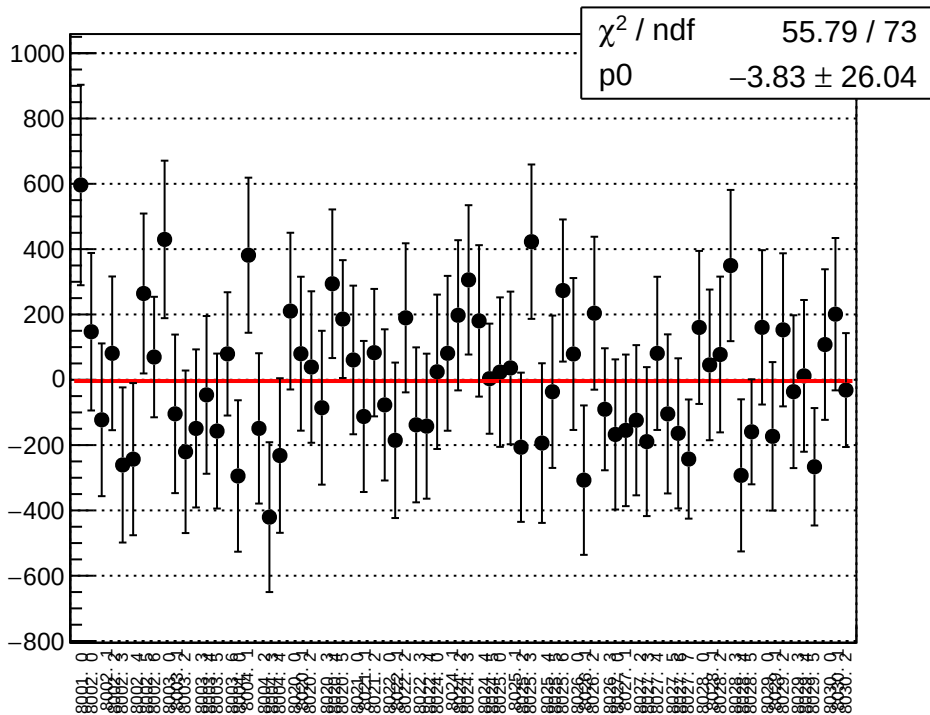
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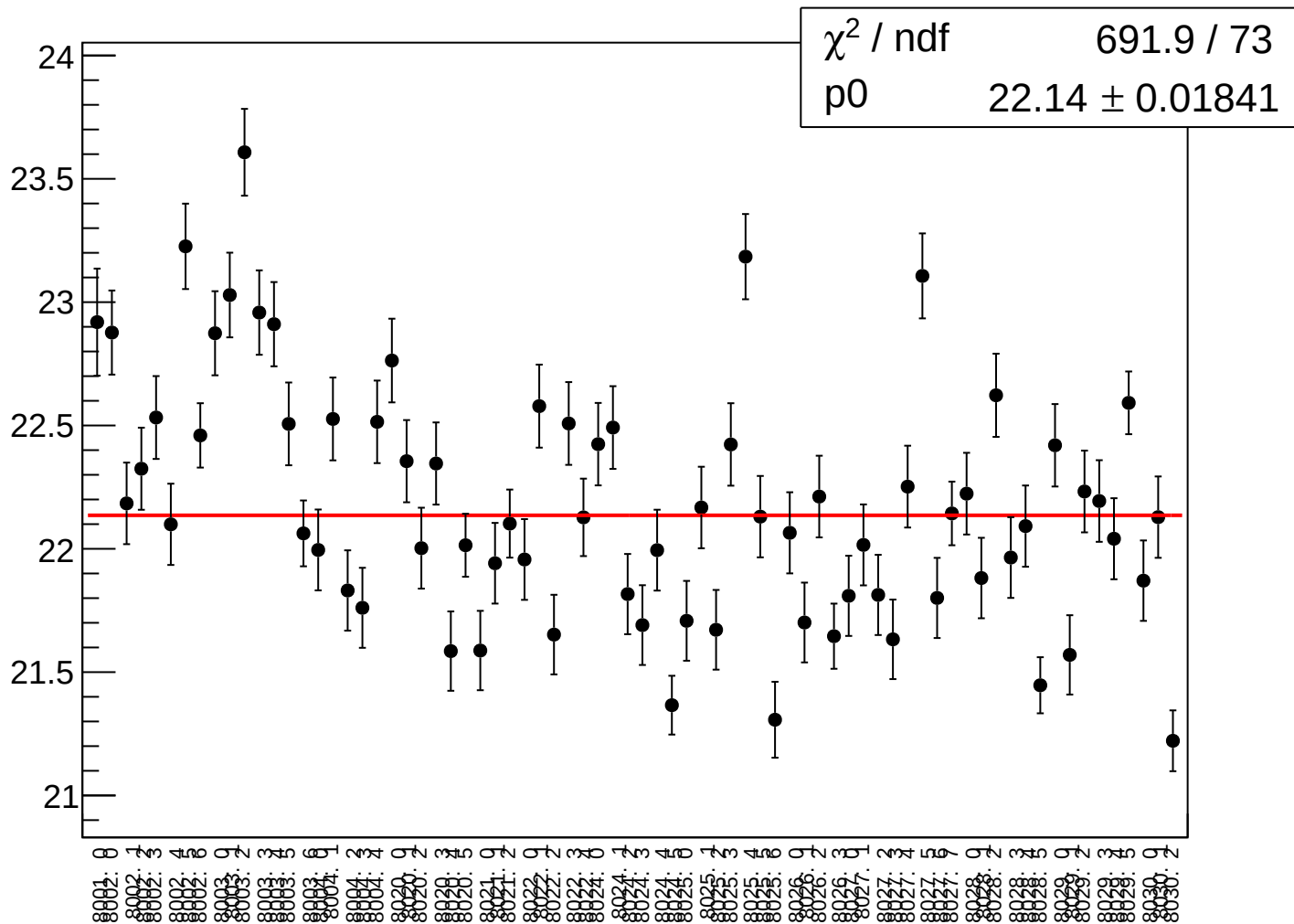
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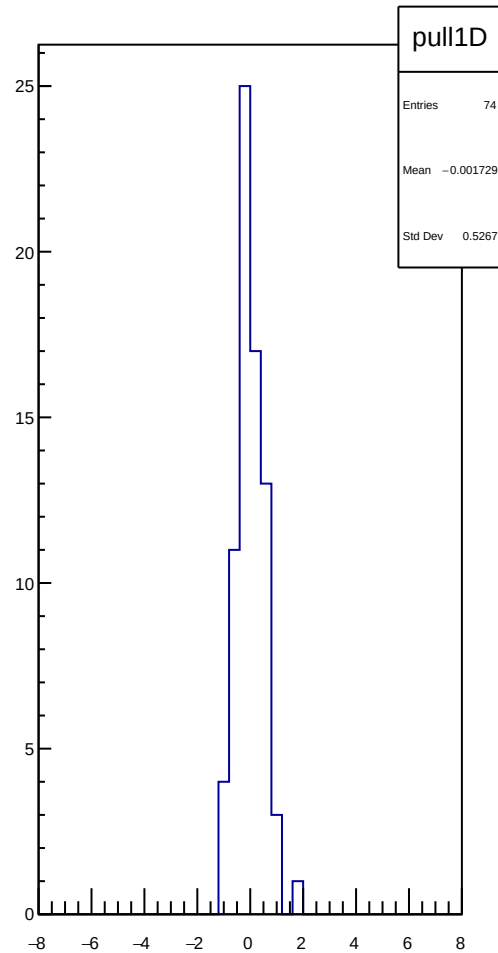
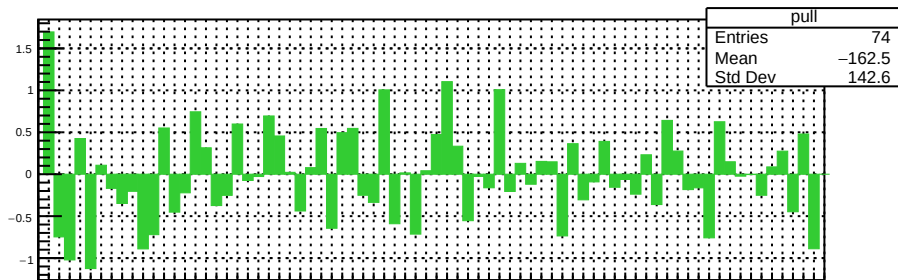
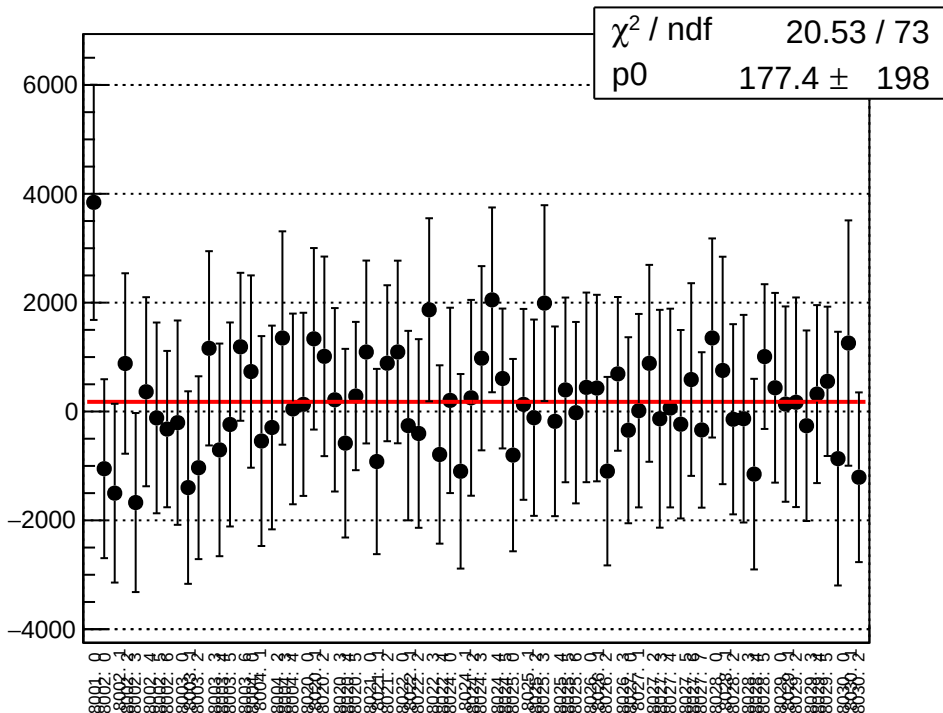
asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_dd\_mean vs run



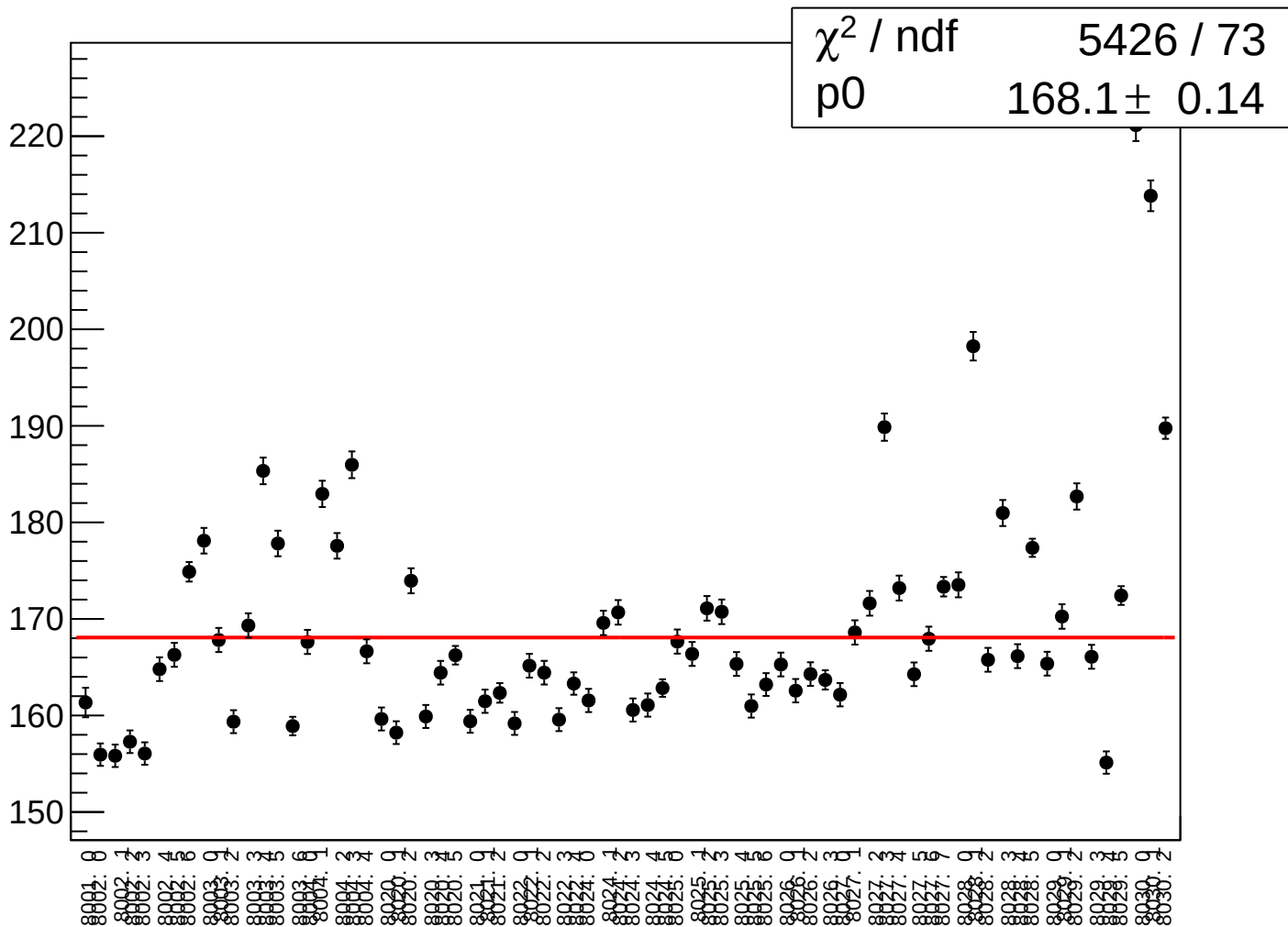
asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_dd\_rms vs run



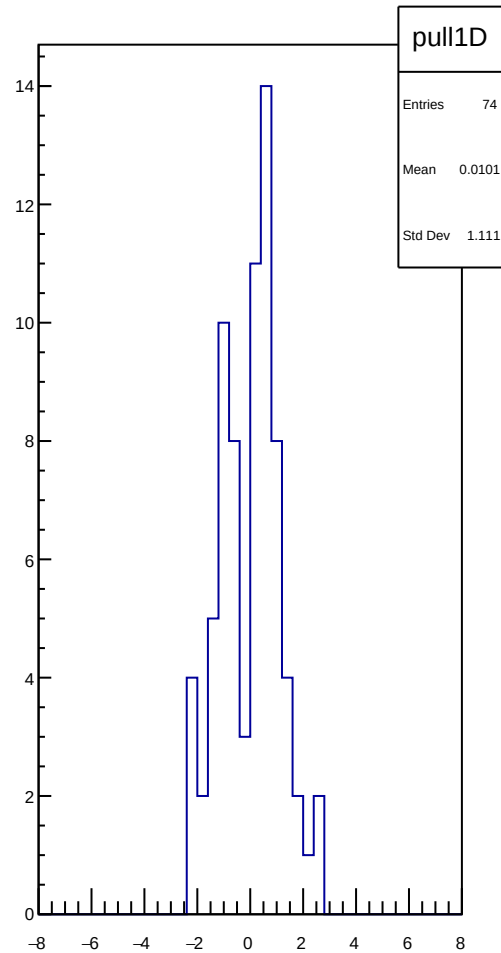
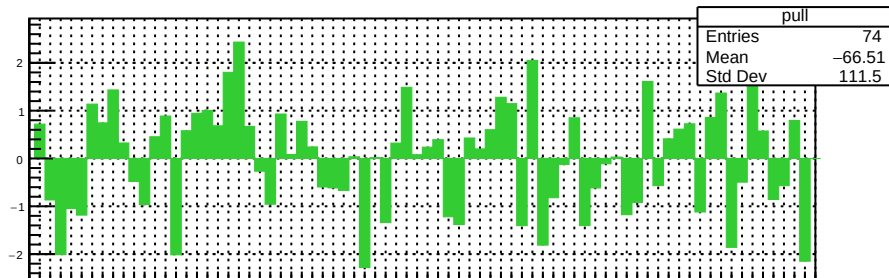
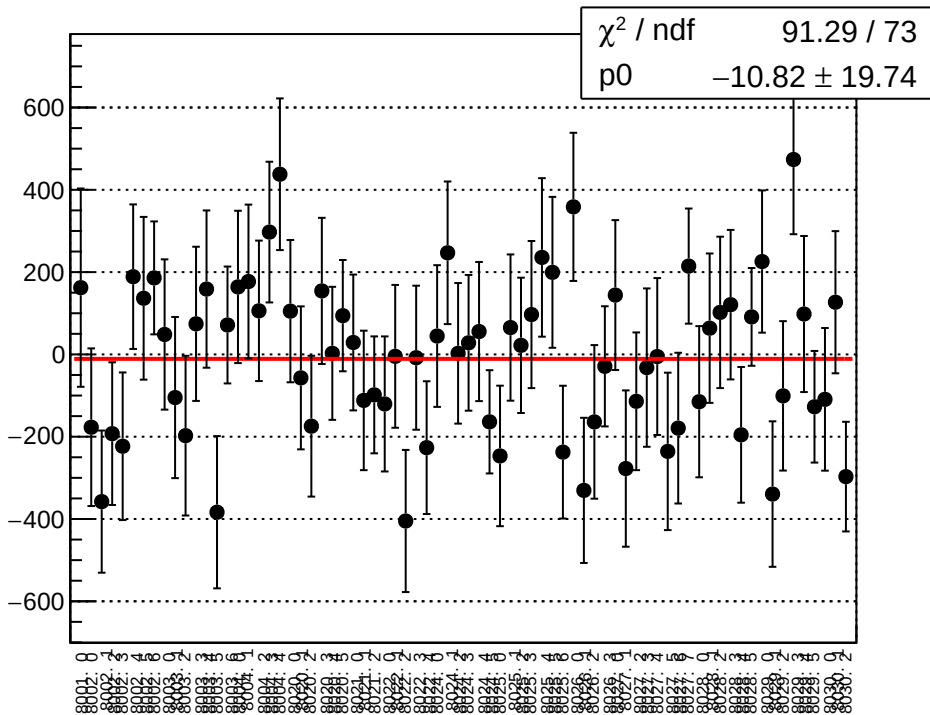
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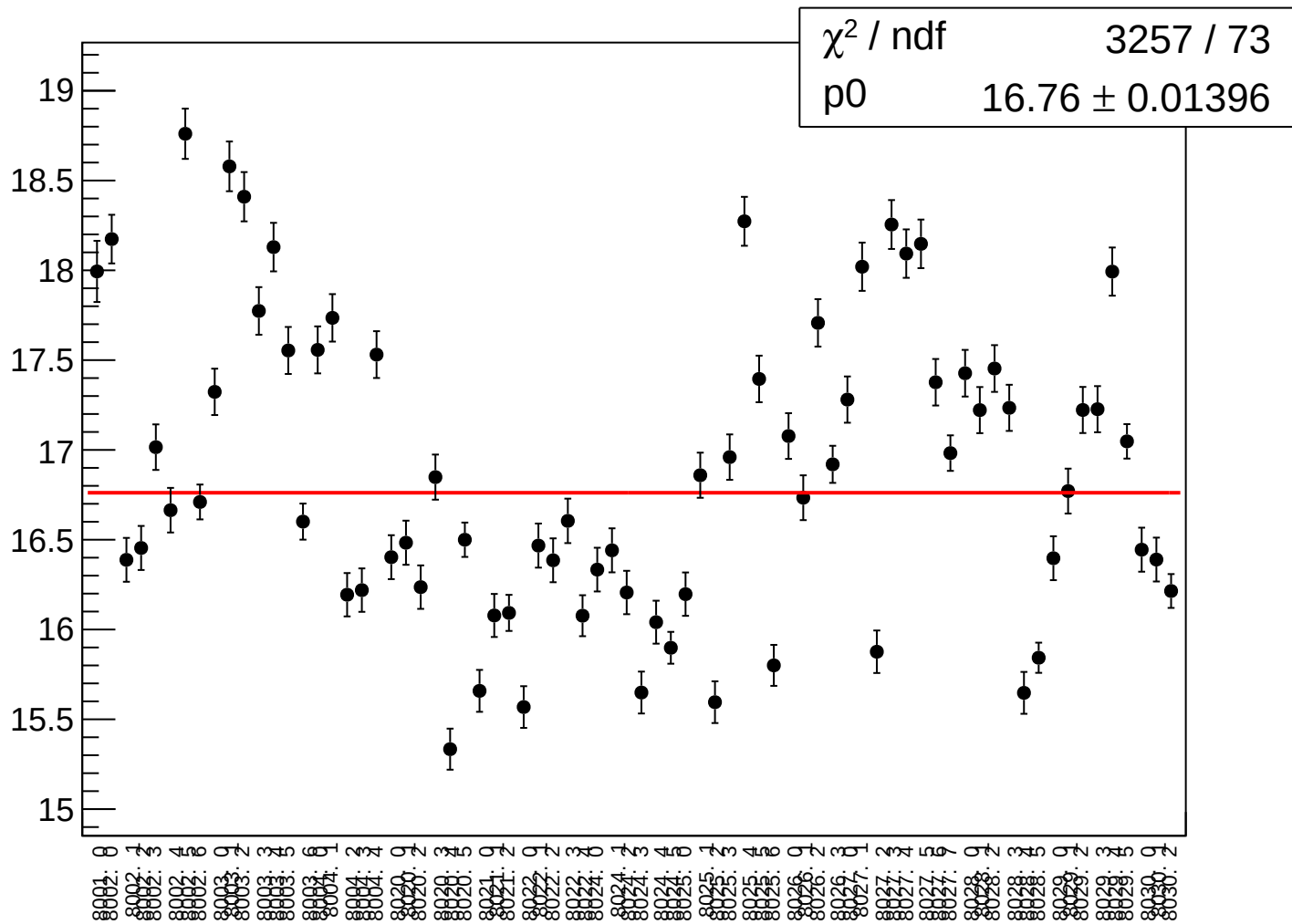
asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_avg\_rms vs run



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

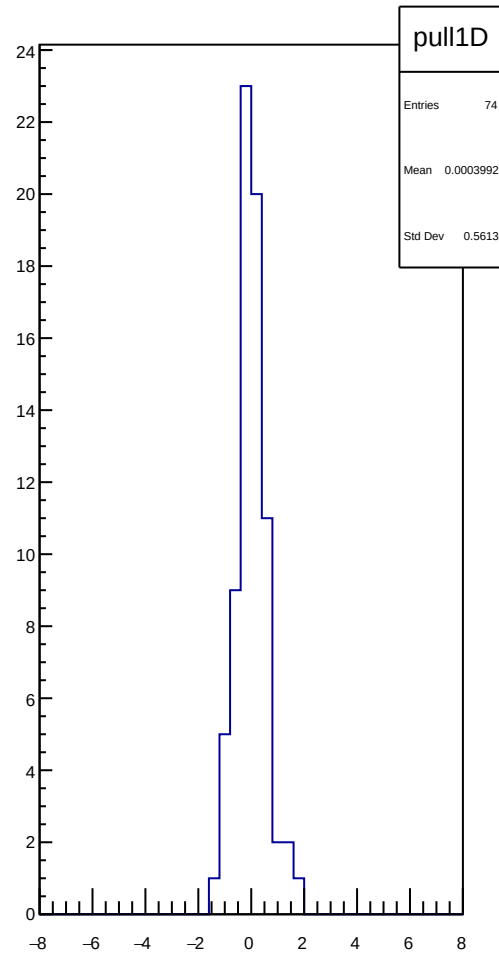
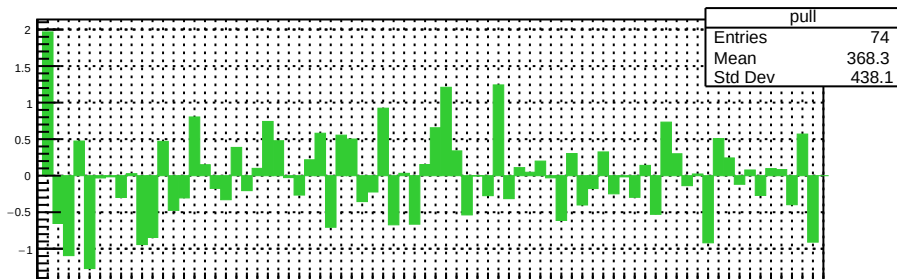
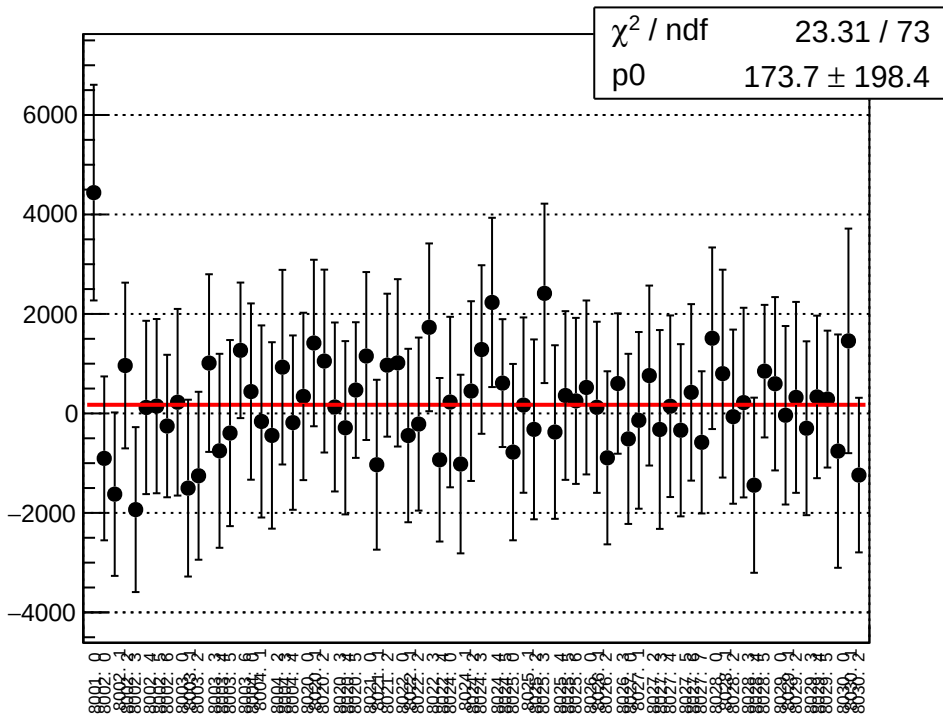


asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_dd\_rms vs run

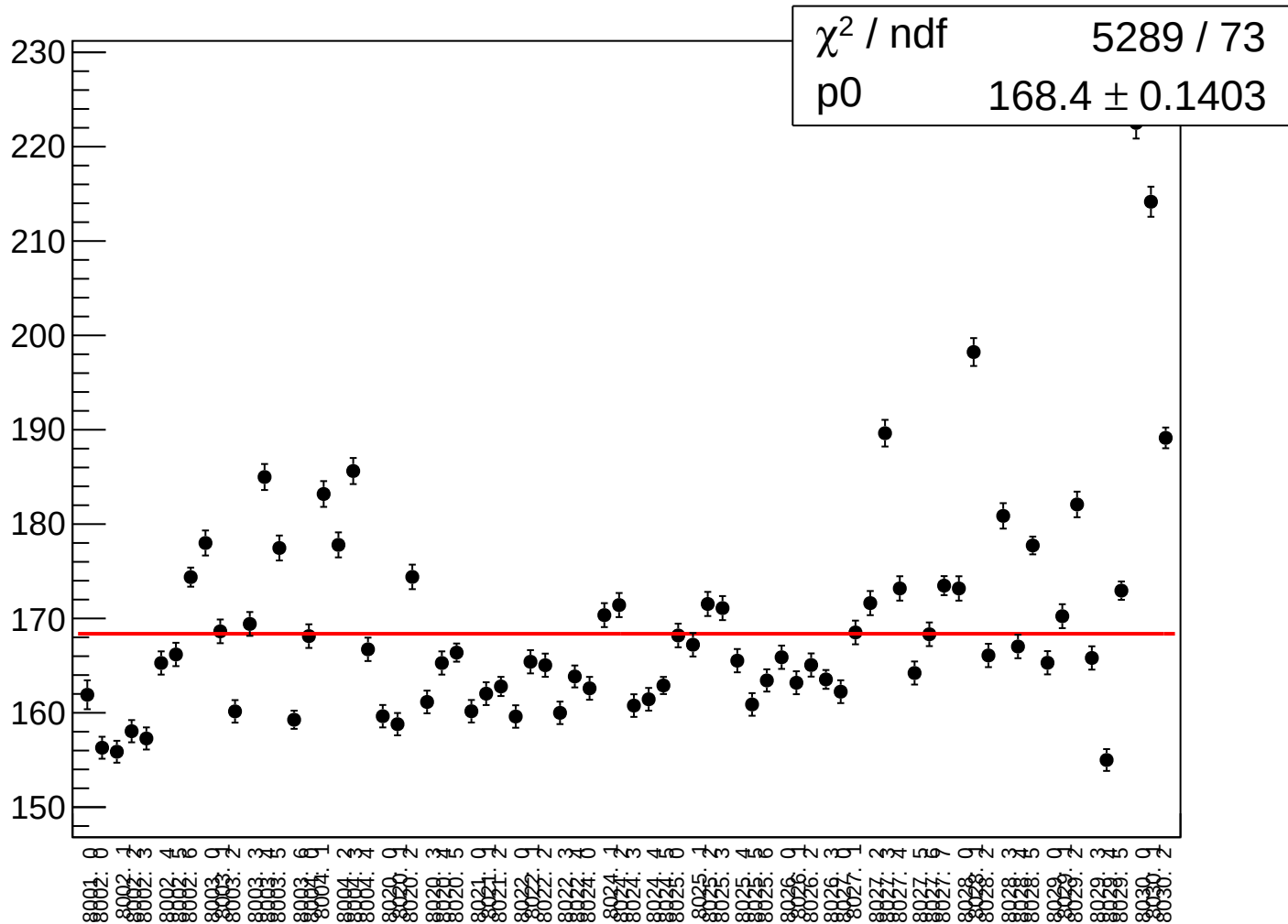




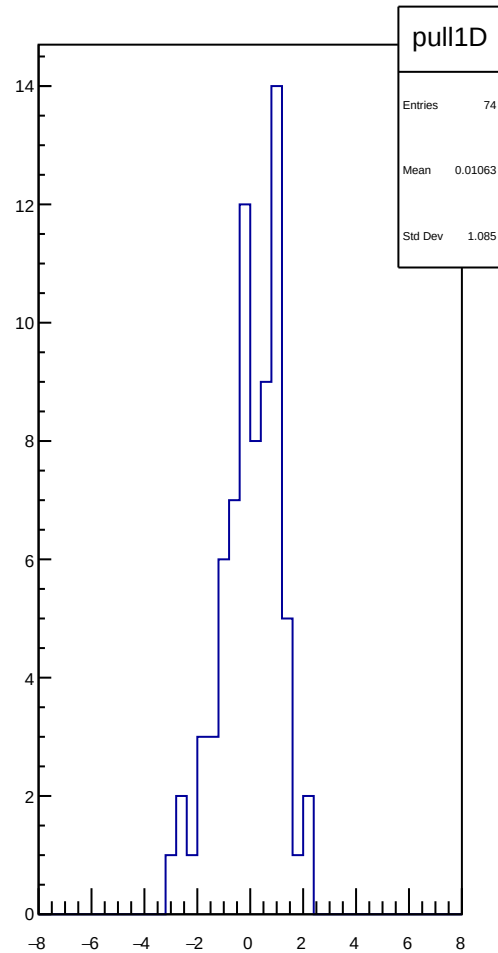
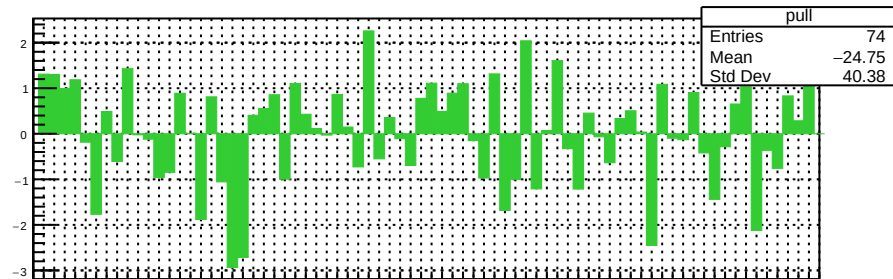
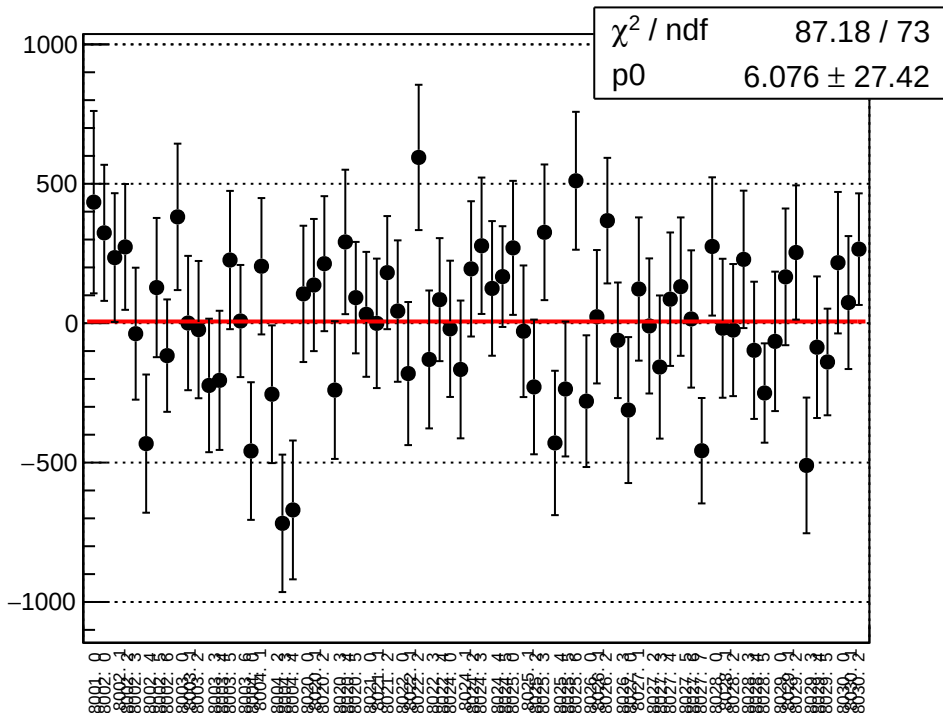
asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_avg\_mean vs run



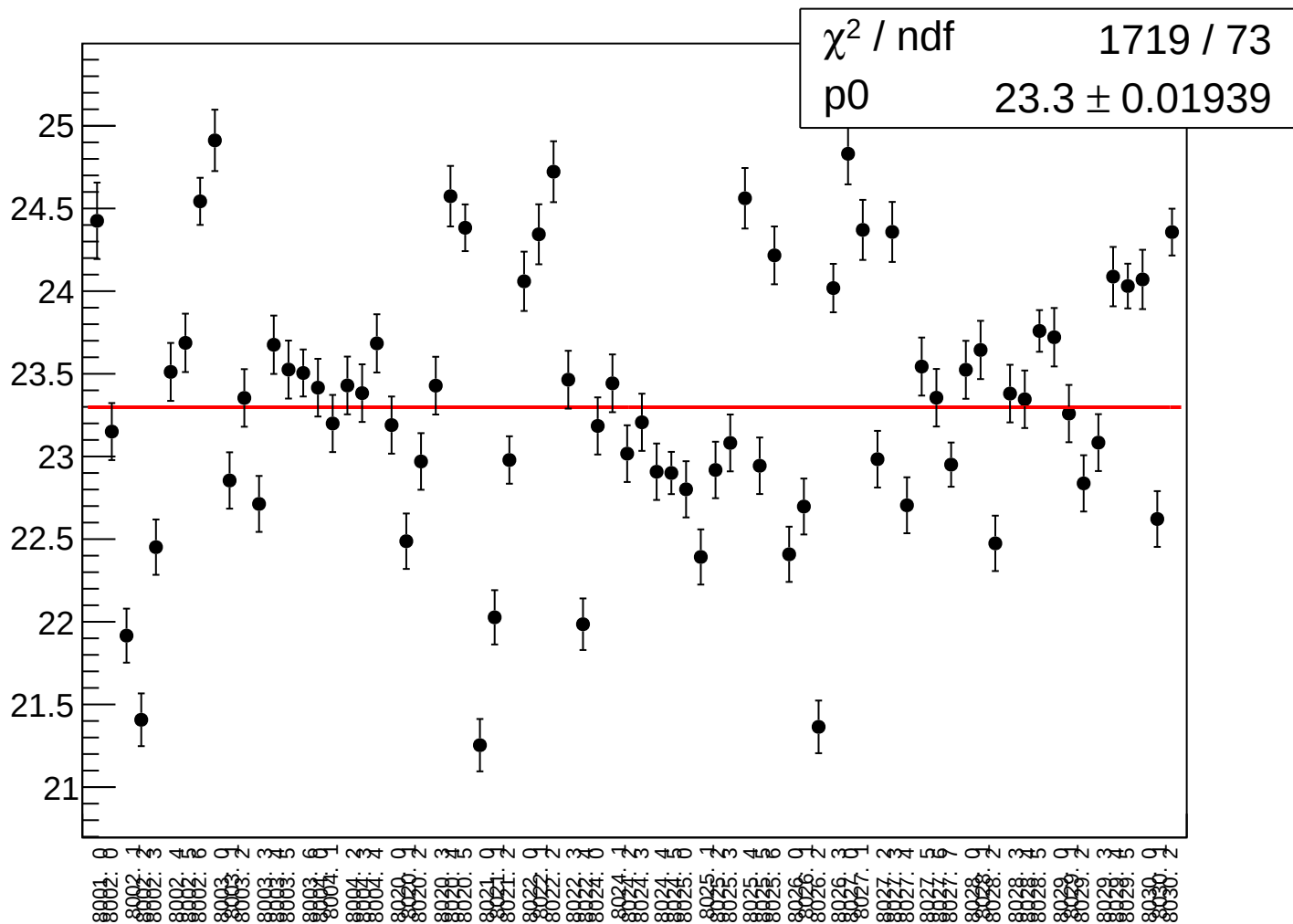
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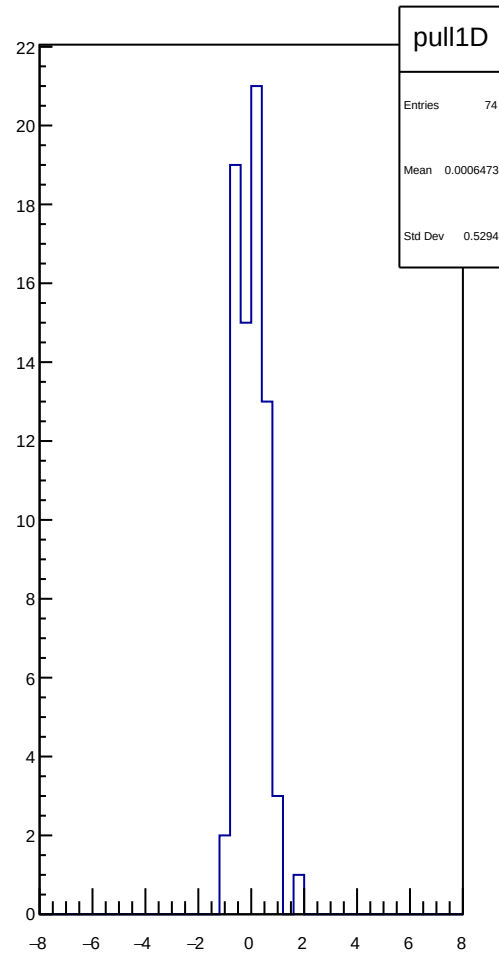
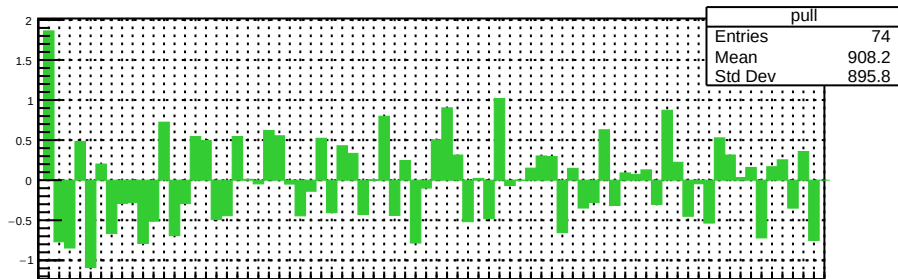
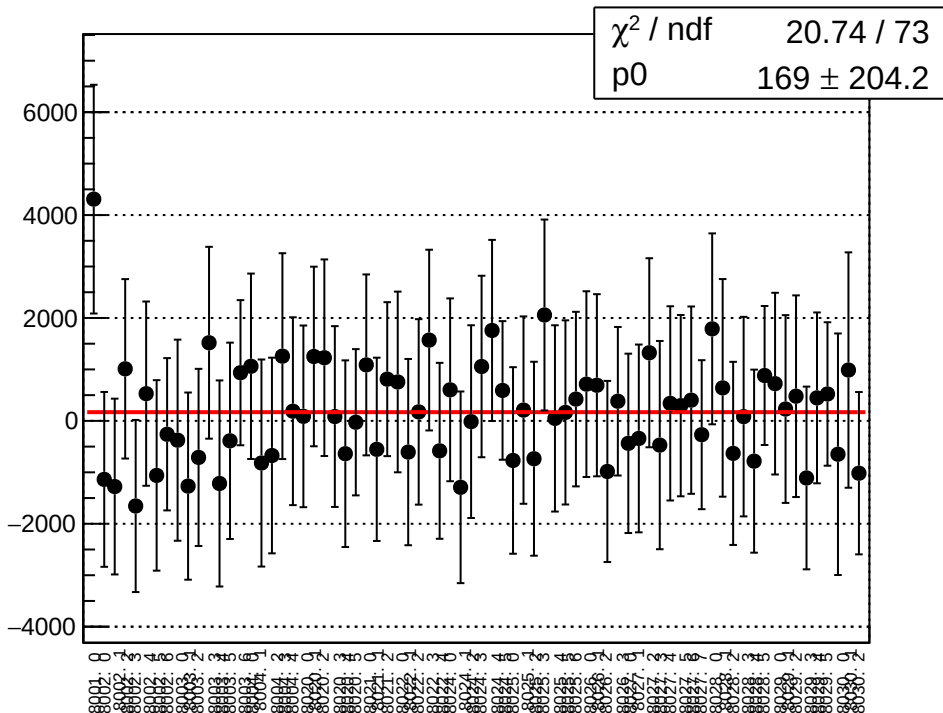
asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_dd\_mean vs run



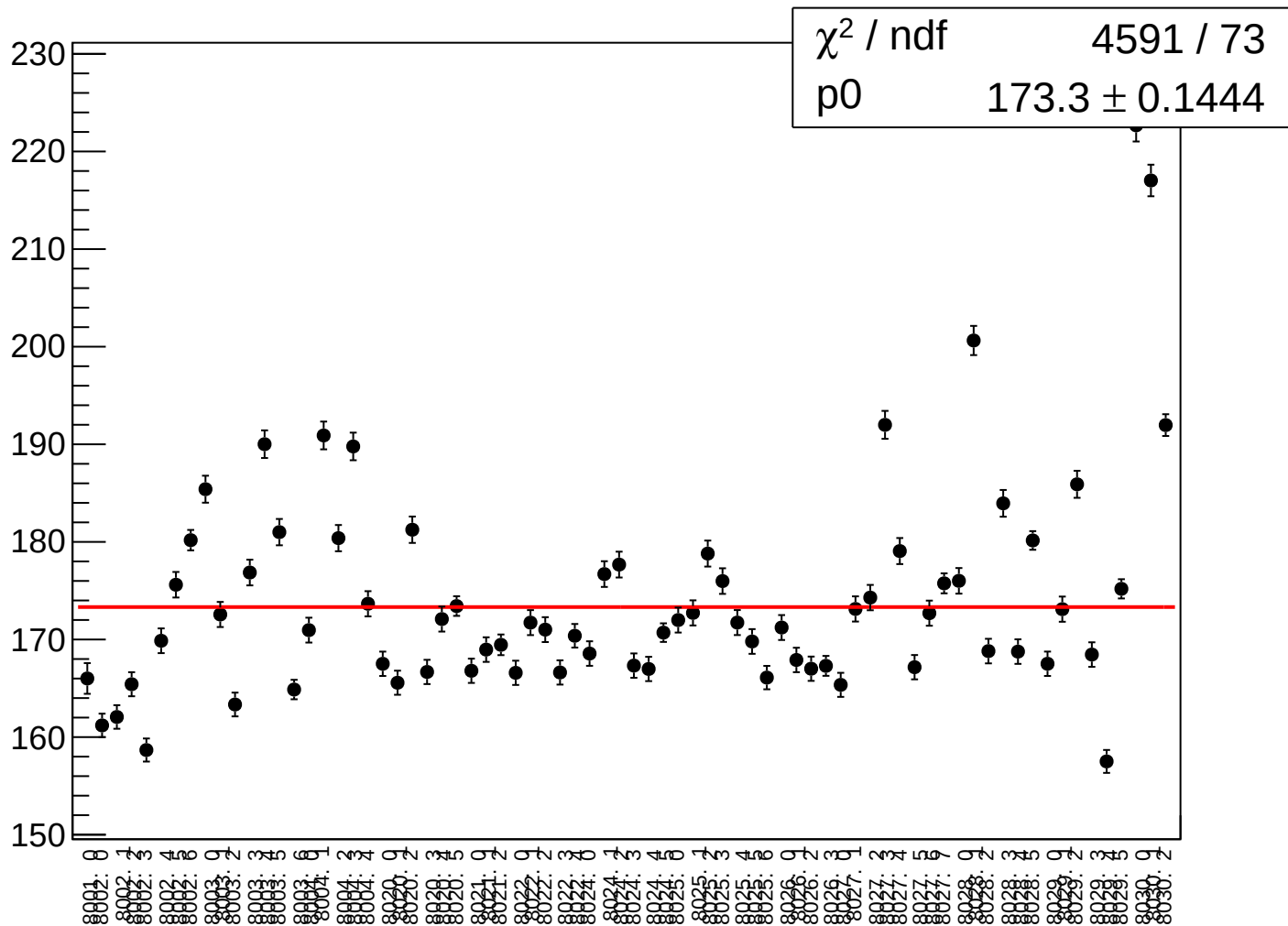
asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_dd\_rms vs run



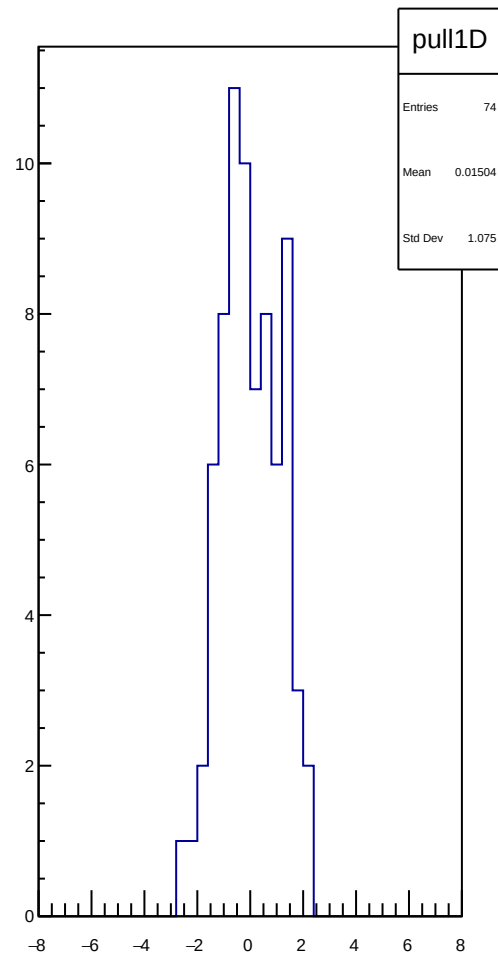
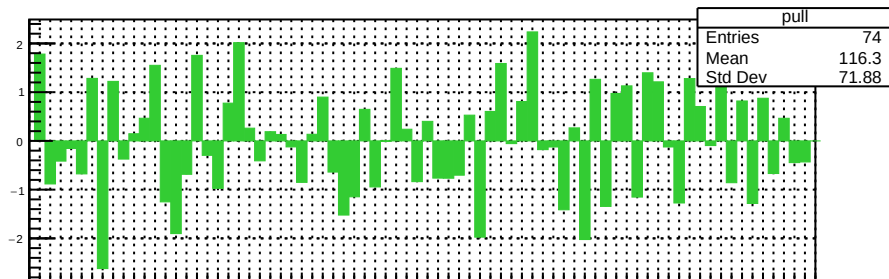
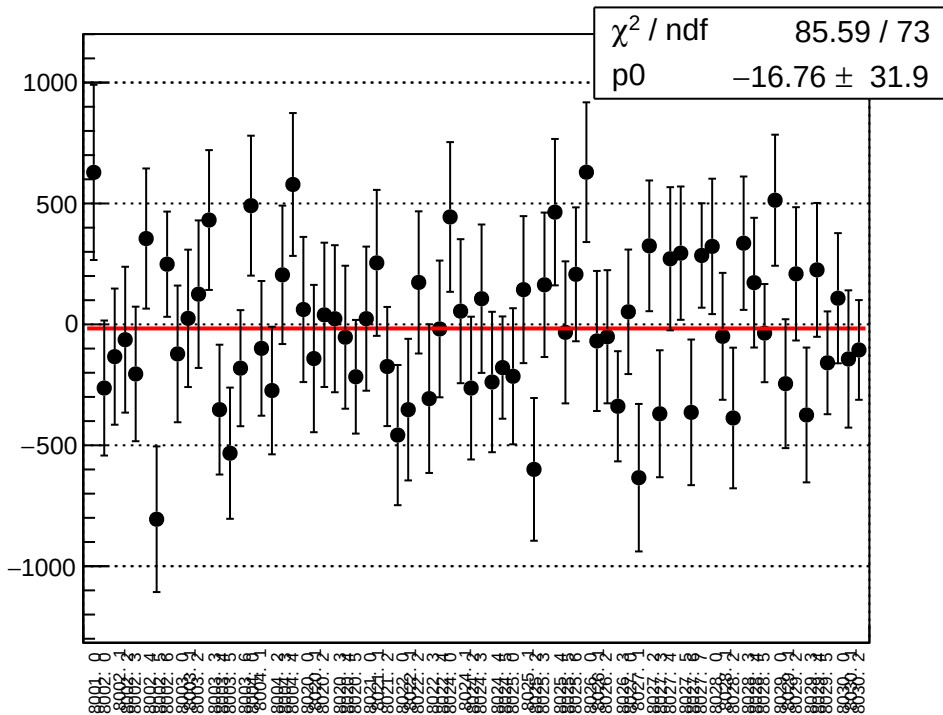
asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_avg\_mean vs run



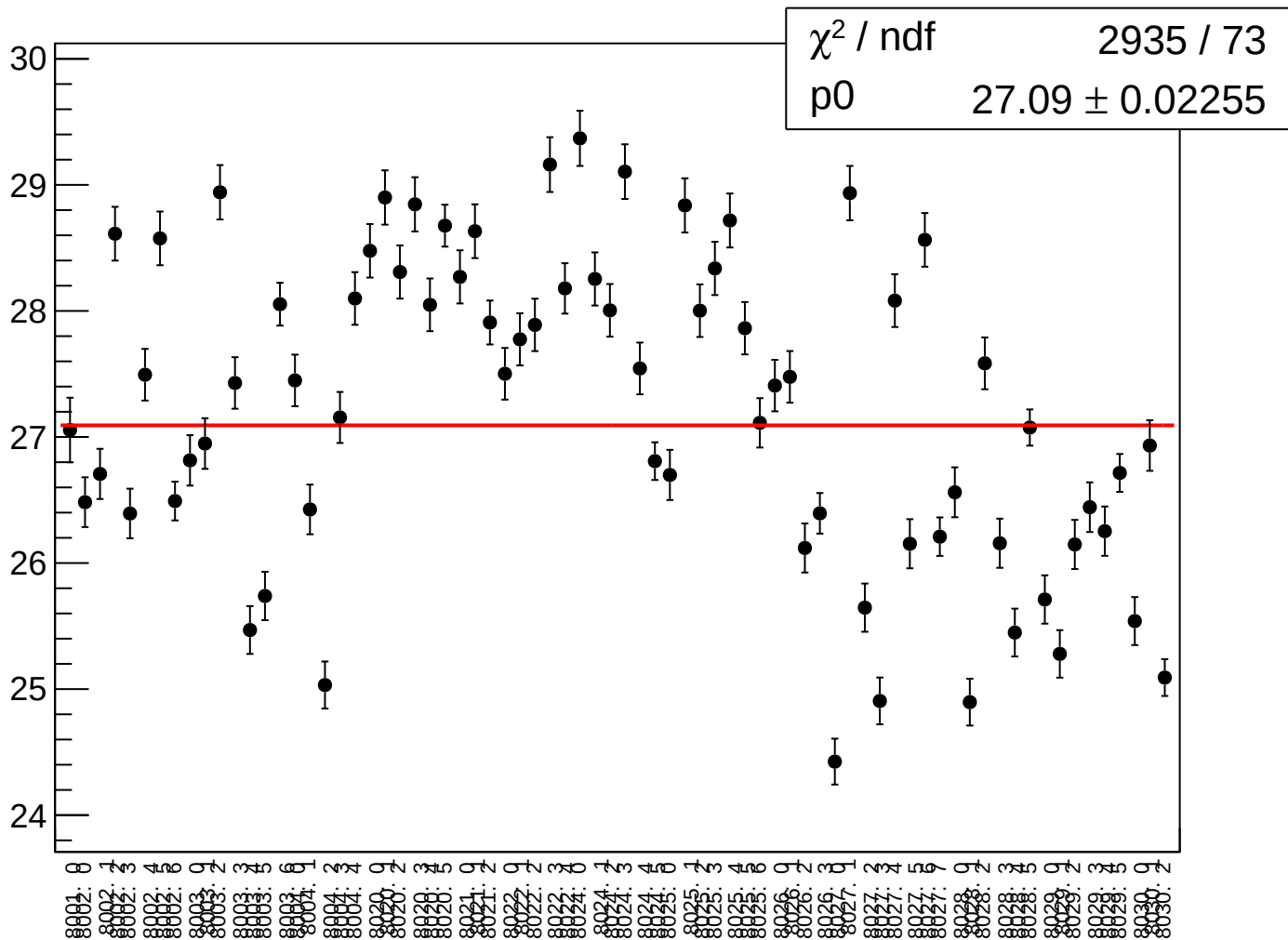
asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_avg\_rms vs run



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

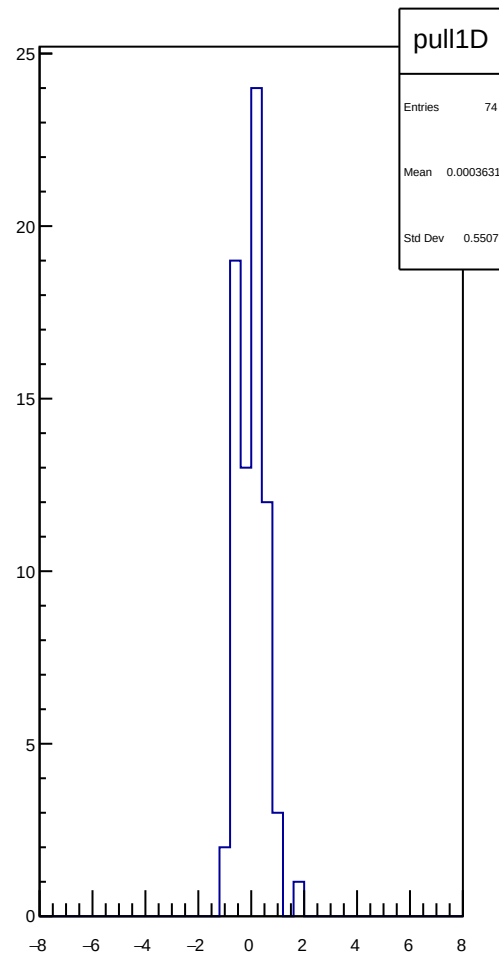
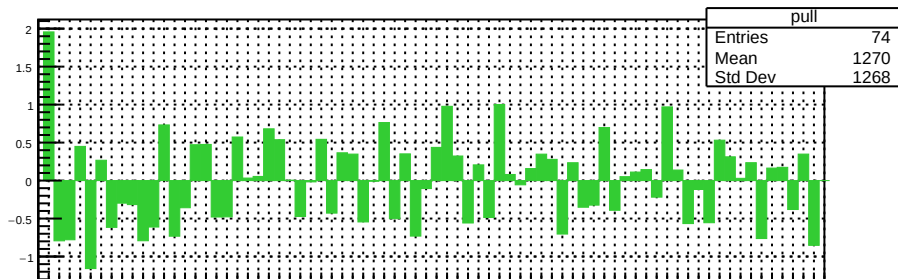
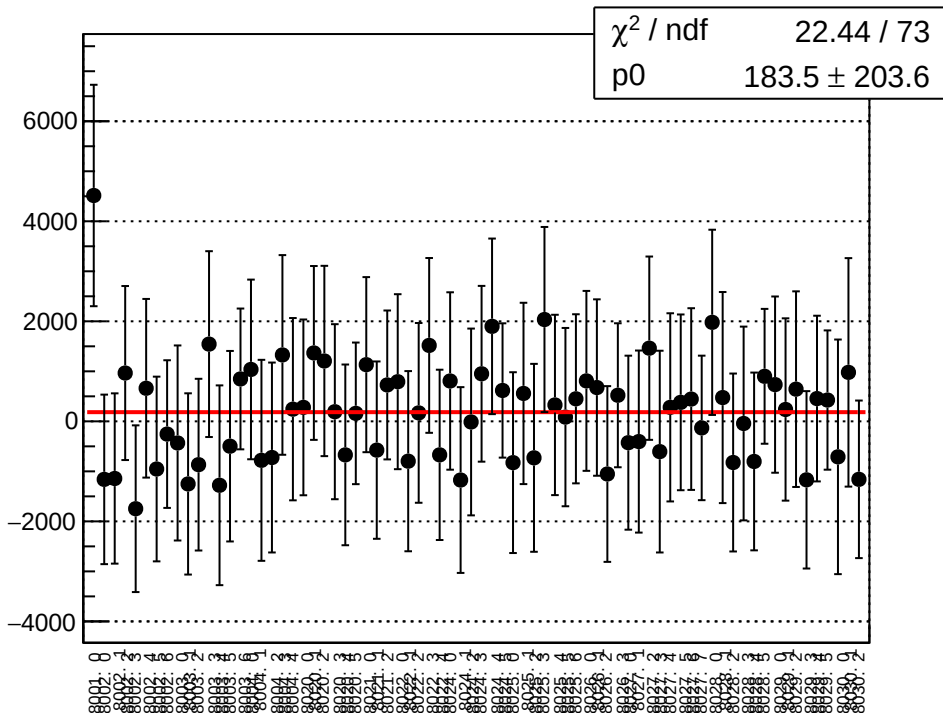


asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_dd\_rms vs run

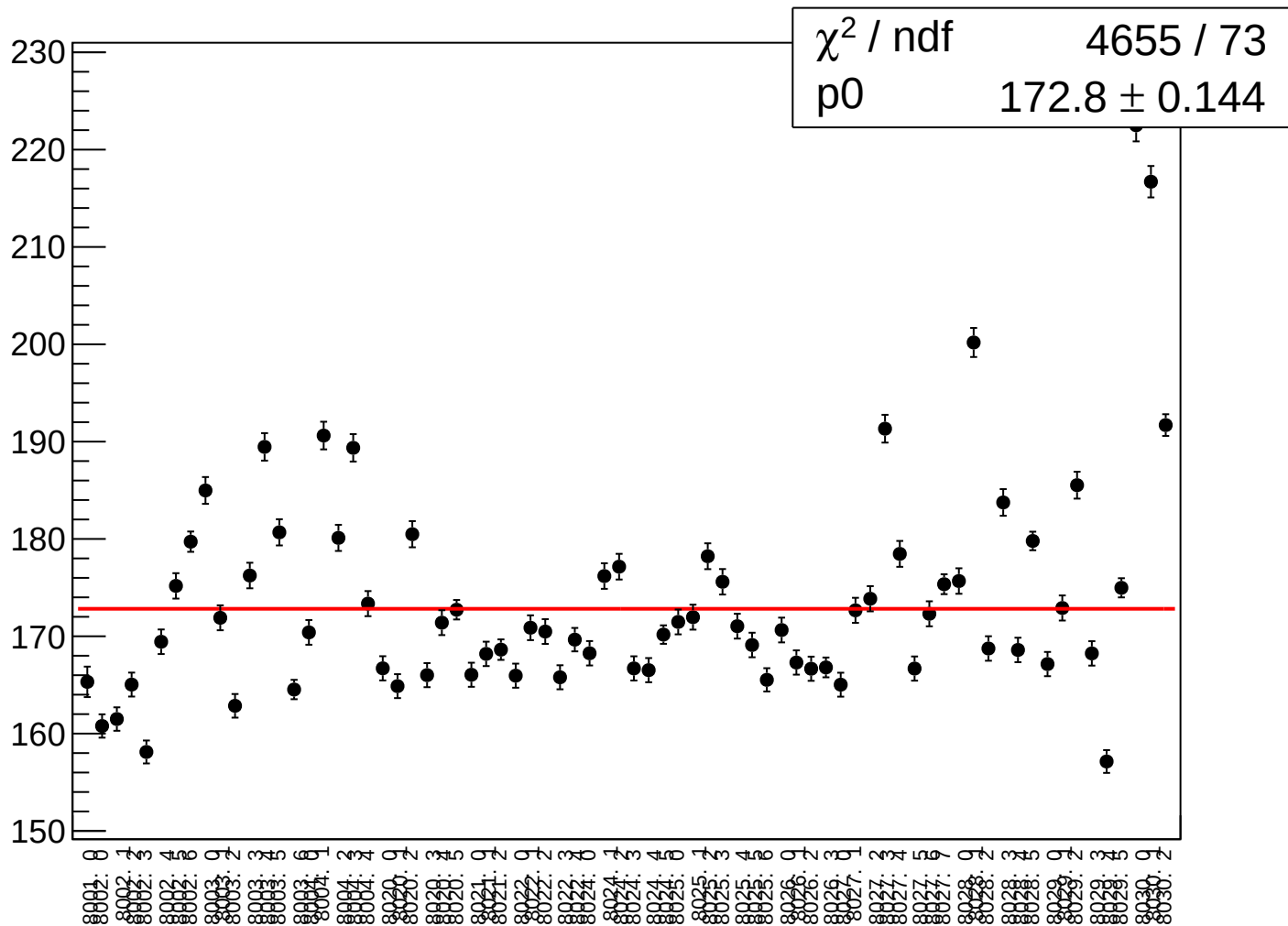




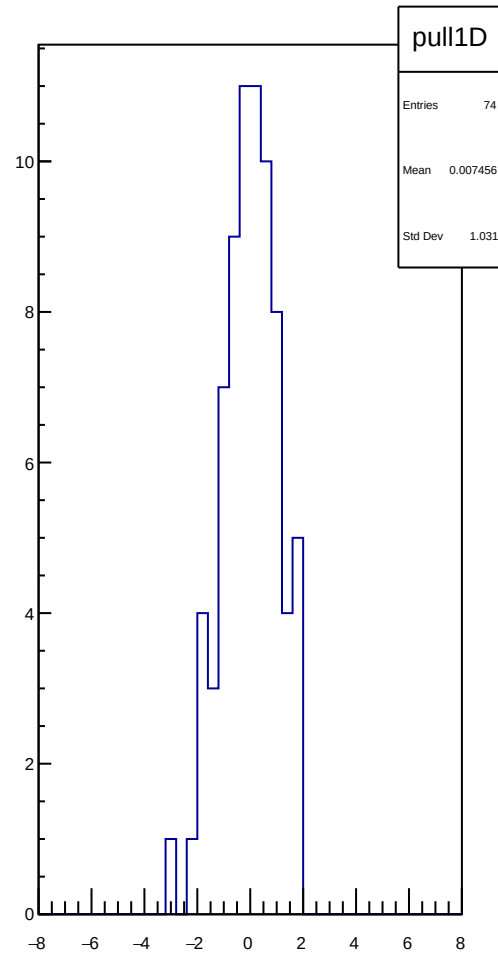
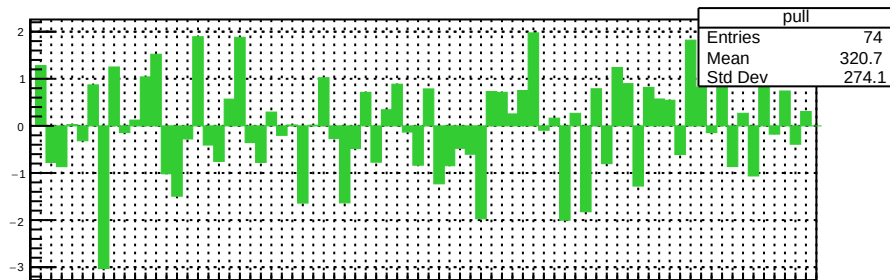
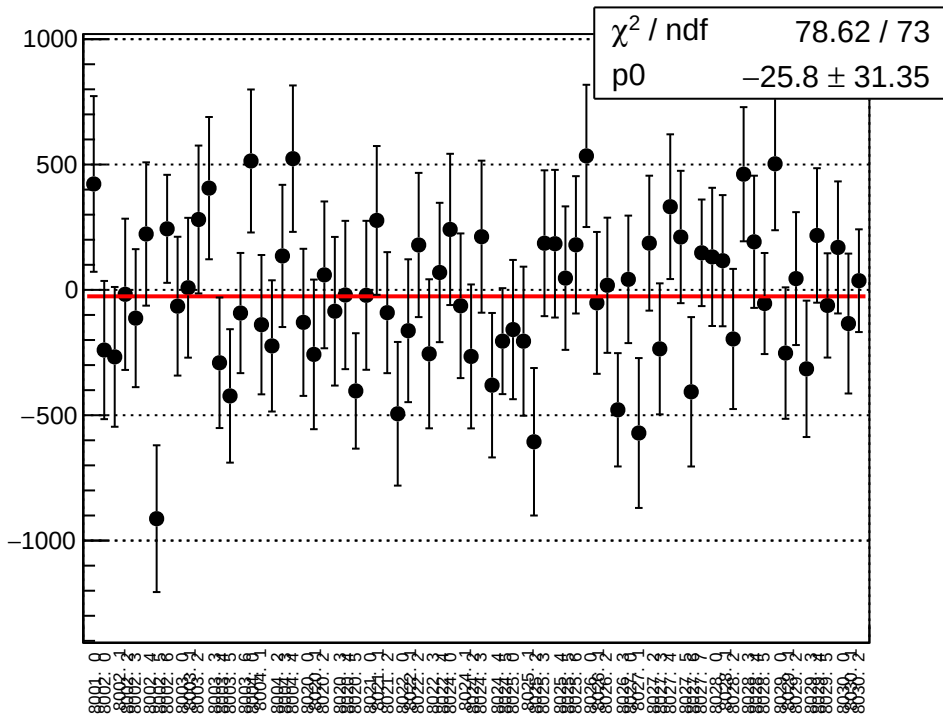
asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_avg\_mean vs run



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

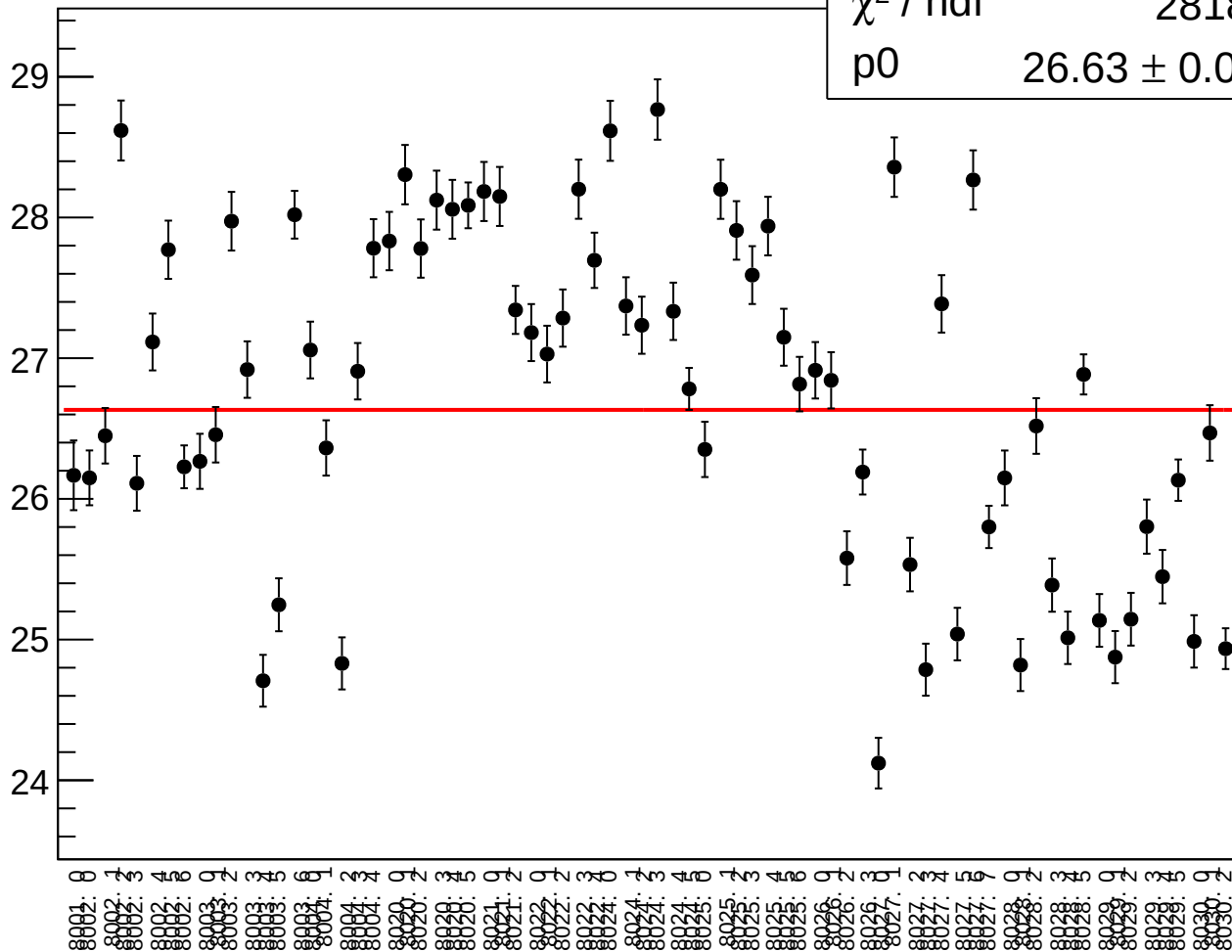


asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_dd\_mean vs run

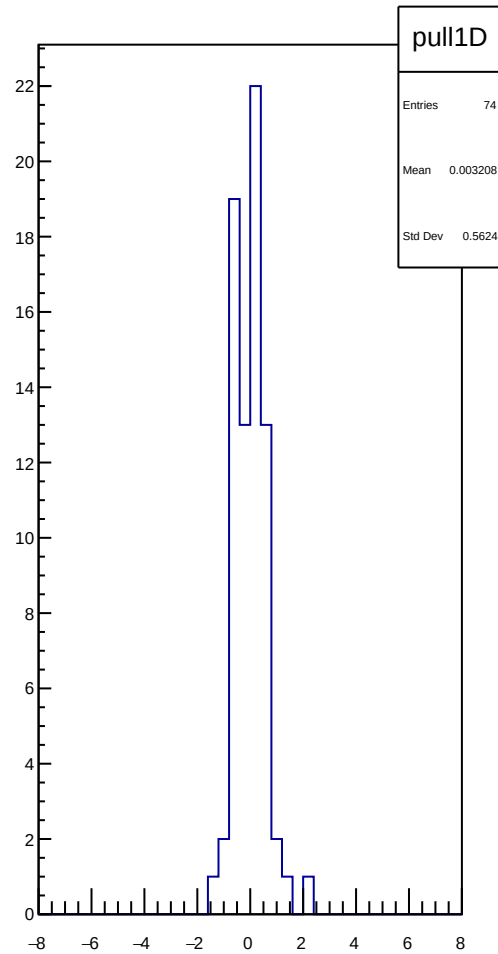
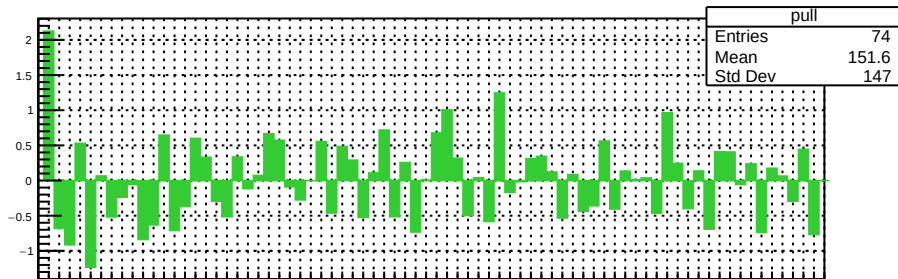
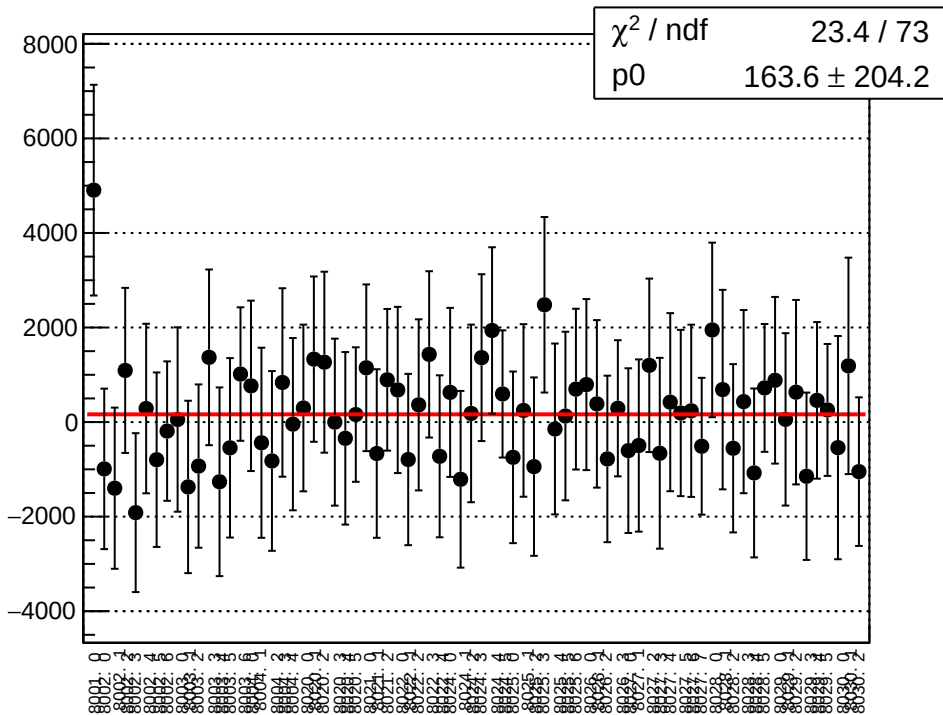


$\chi^2 / \text{ndf}$ 

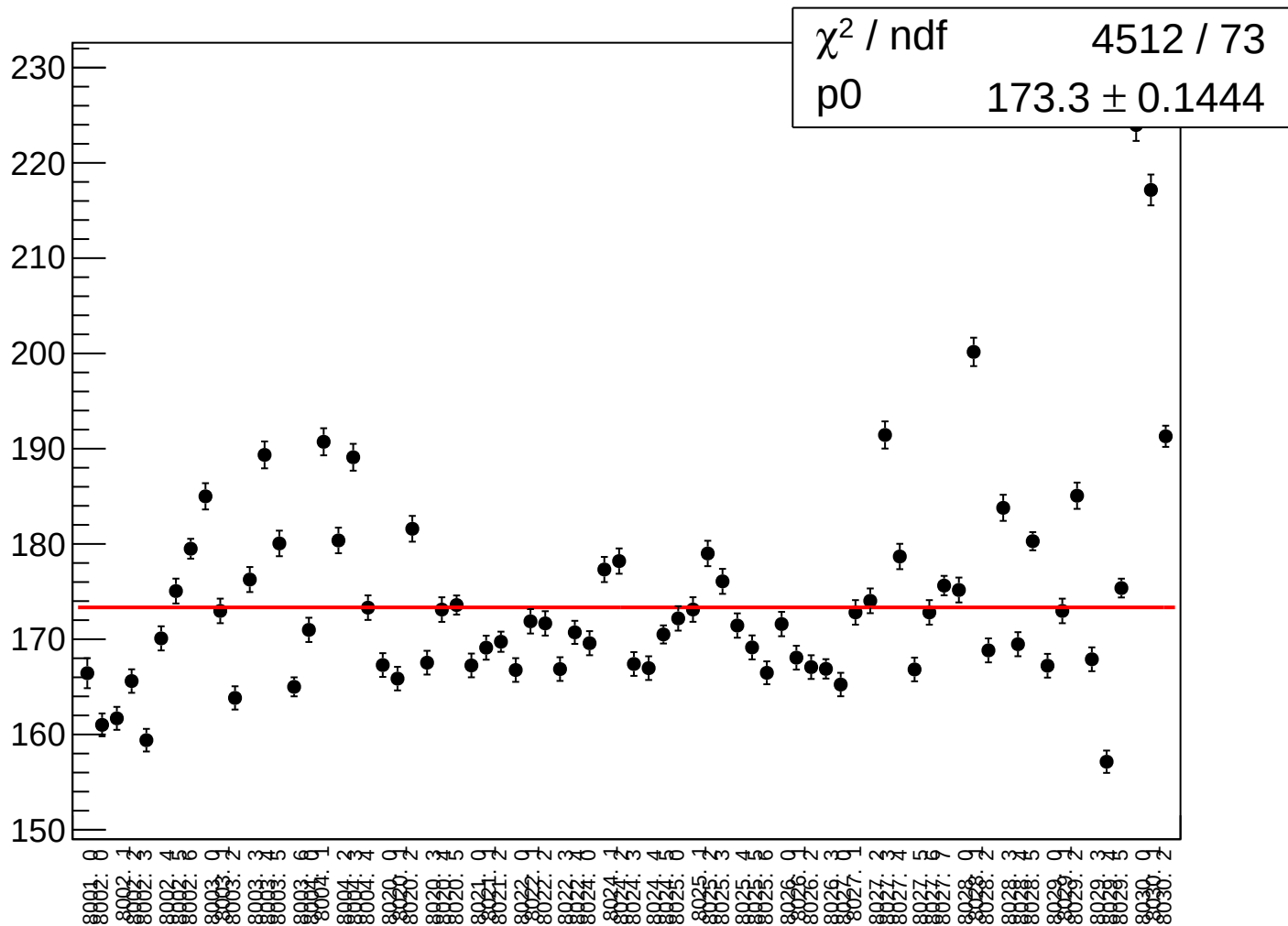
p0

$$26.63 \pm 0.02217$$


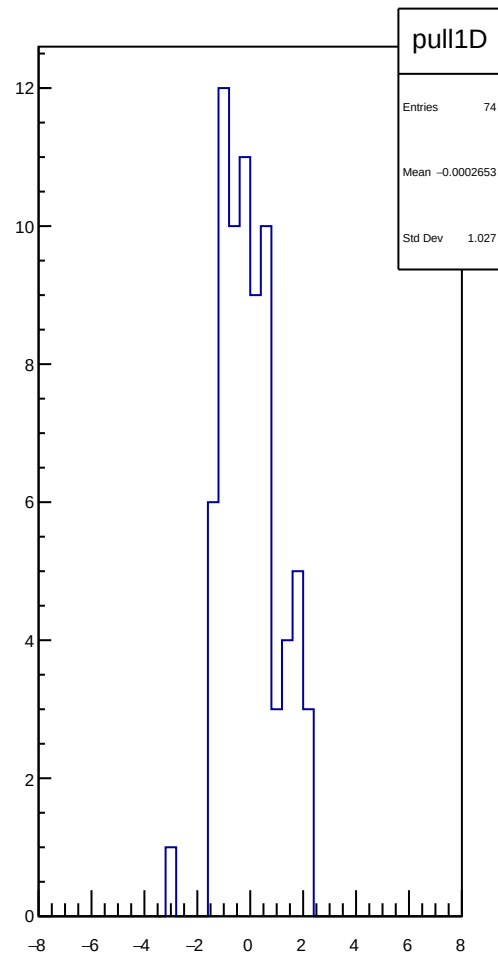
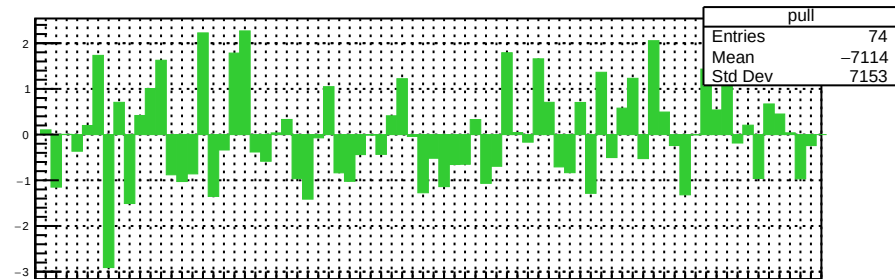
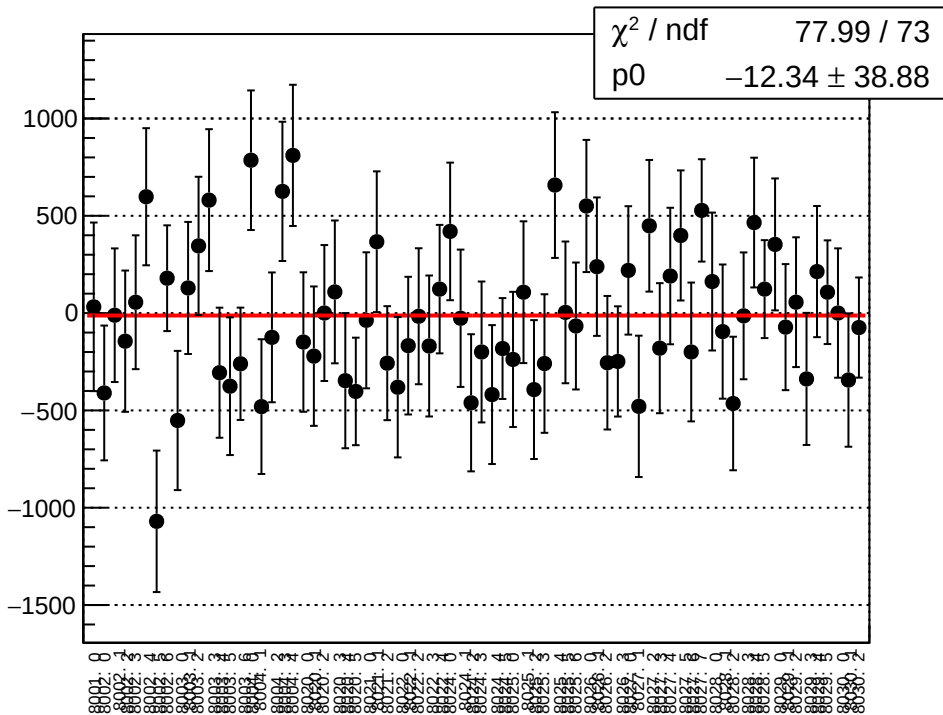
asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_avg\_mean vs run



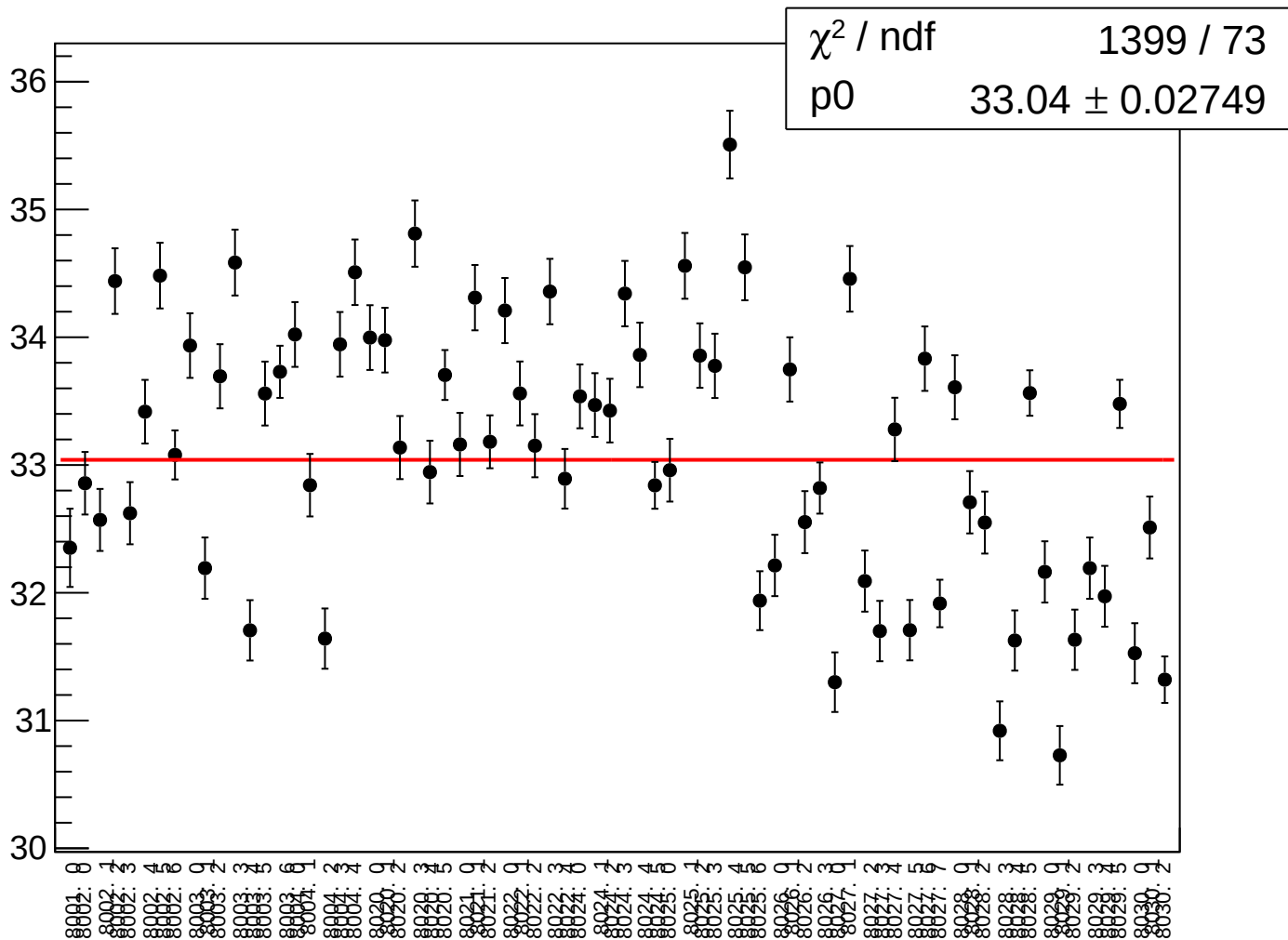
asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_avg\_rms vs run



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

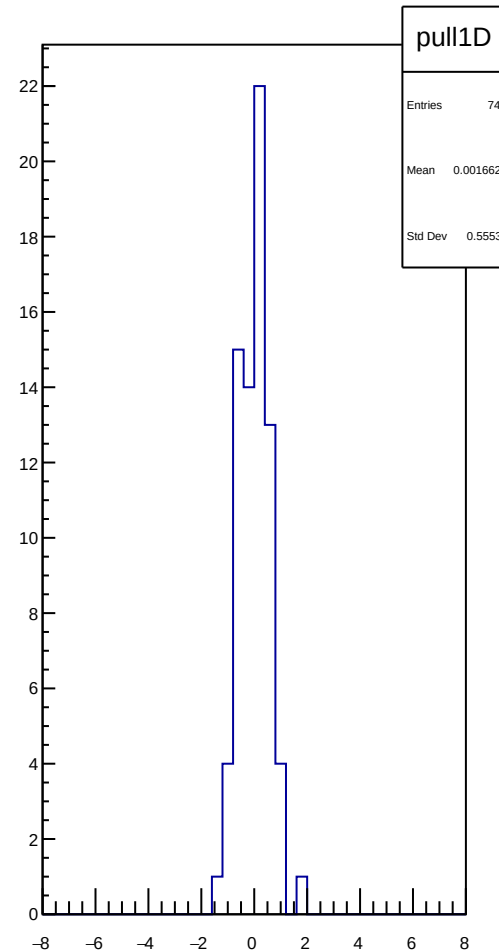
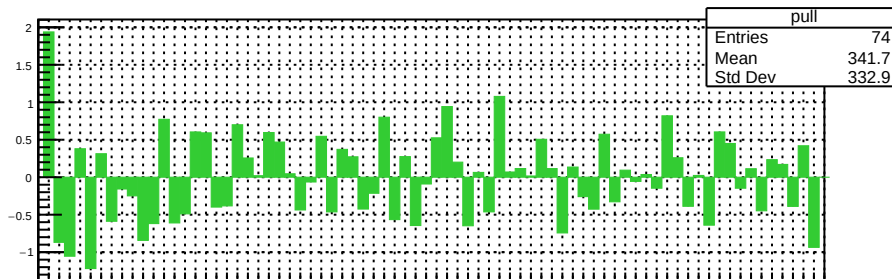
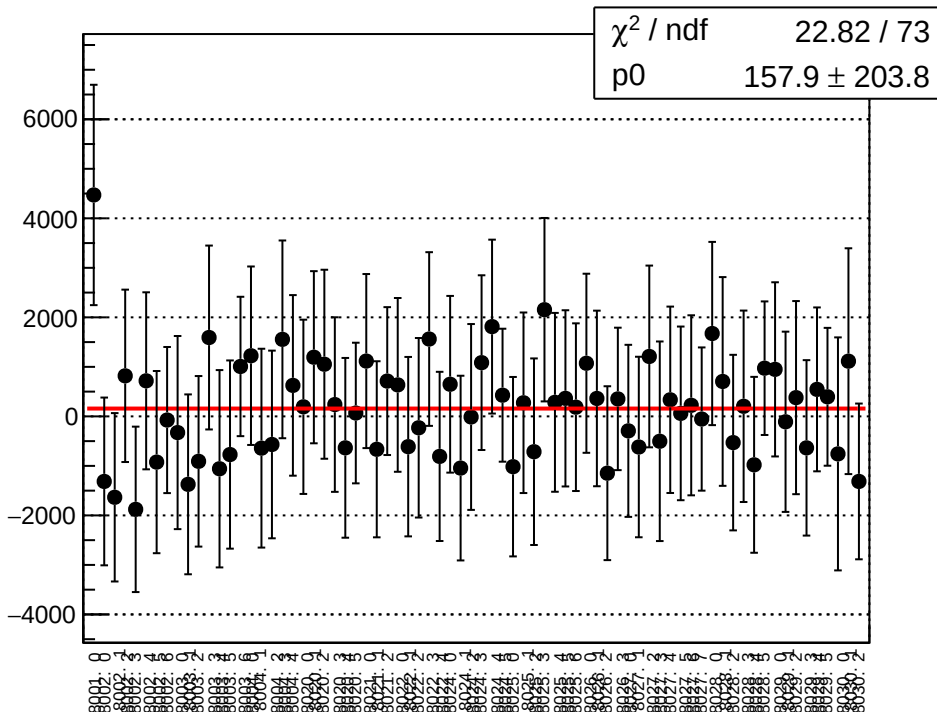


asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_dd\_rms vs run

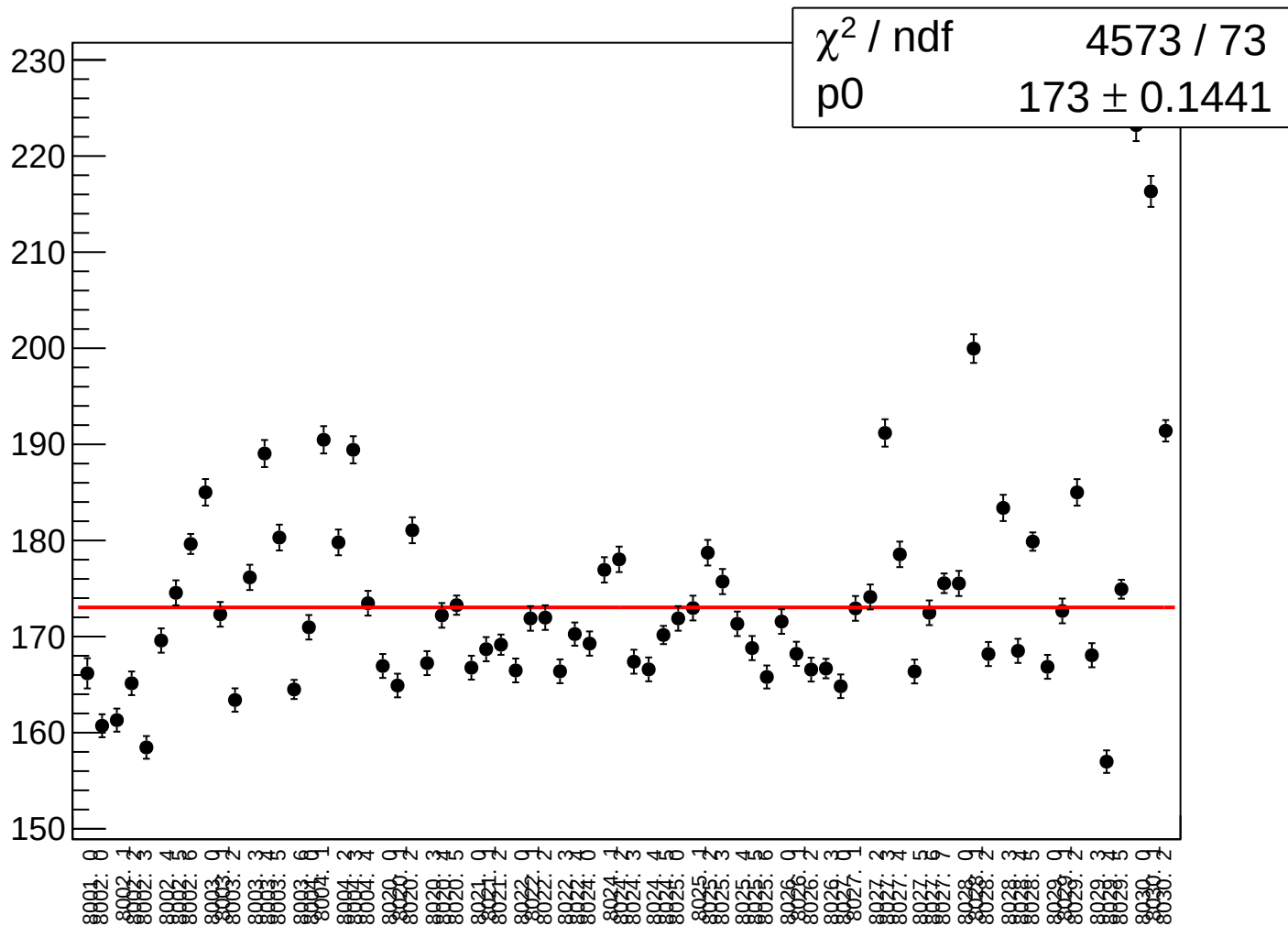




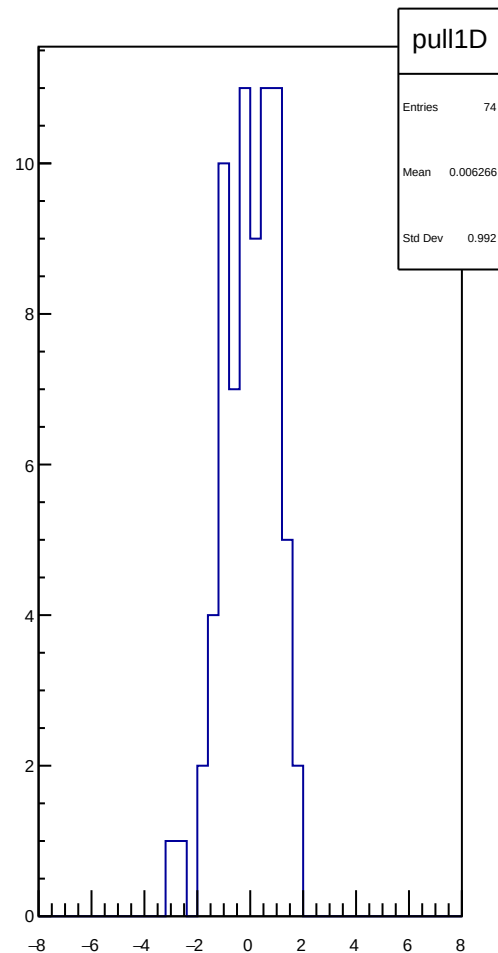
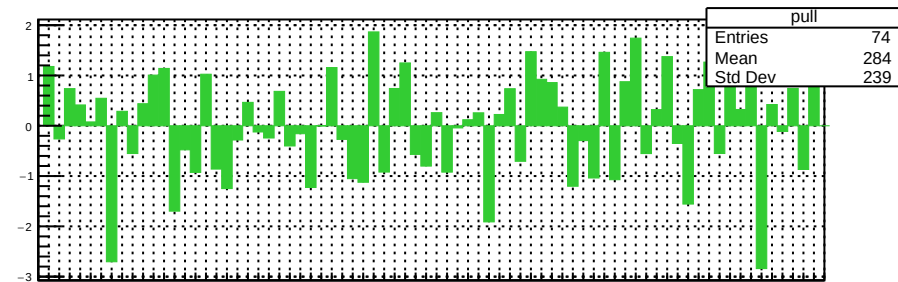
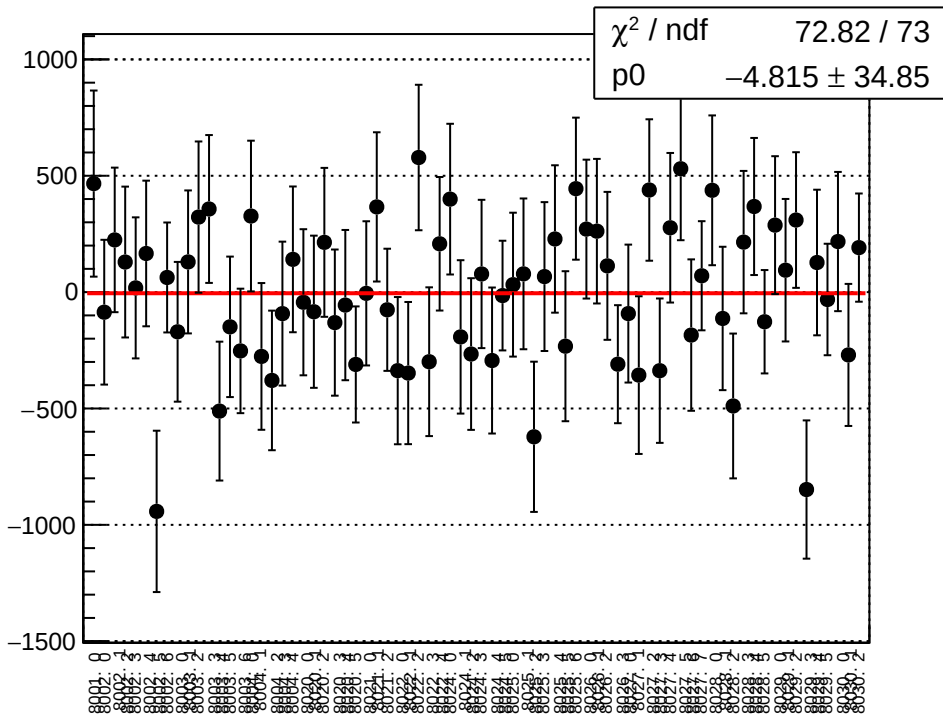
asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_avg\_mean vs run



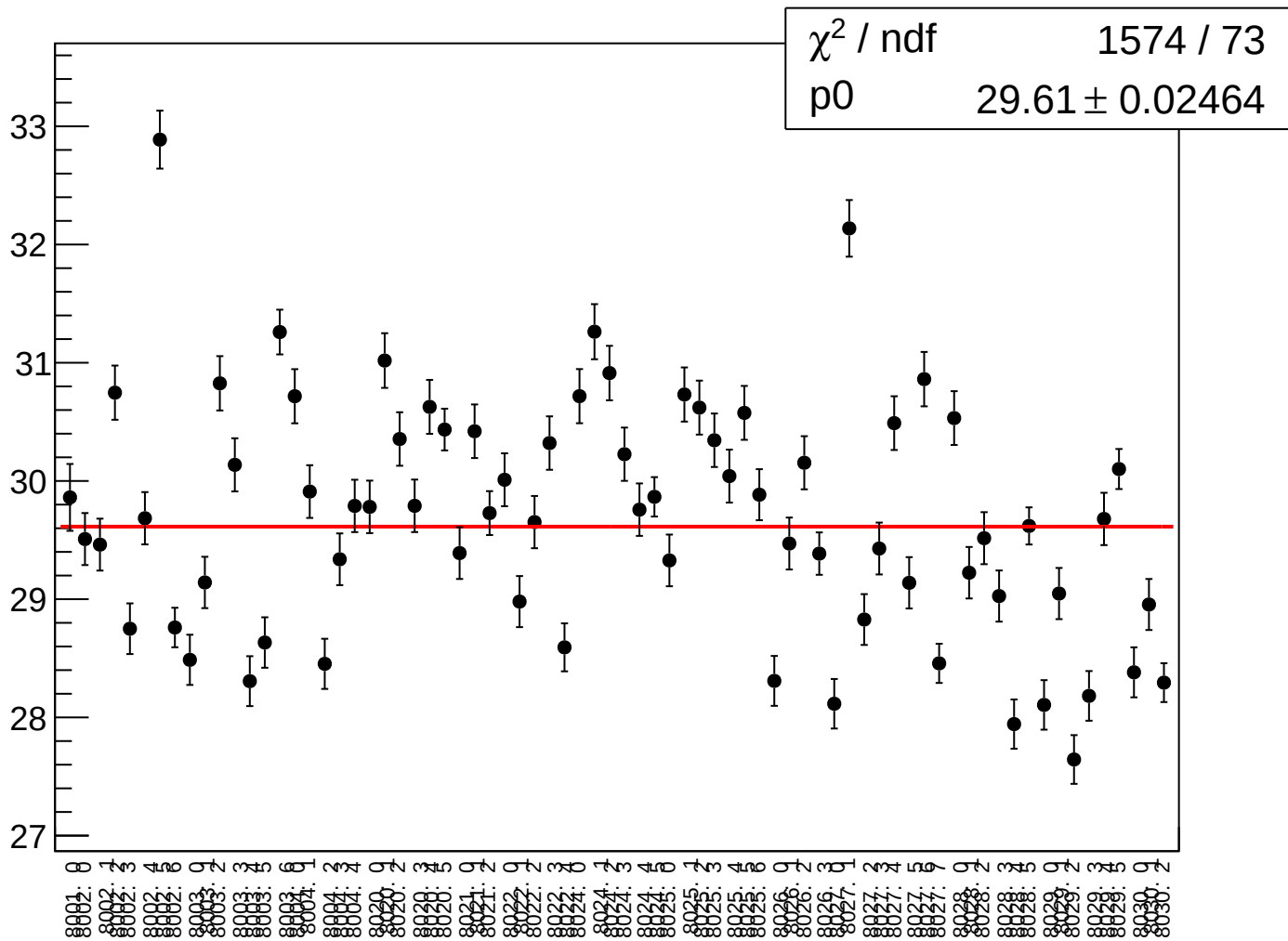
asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_avg\_rms vs run



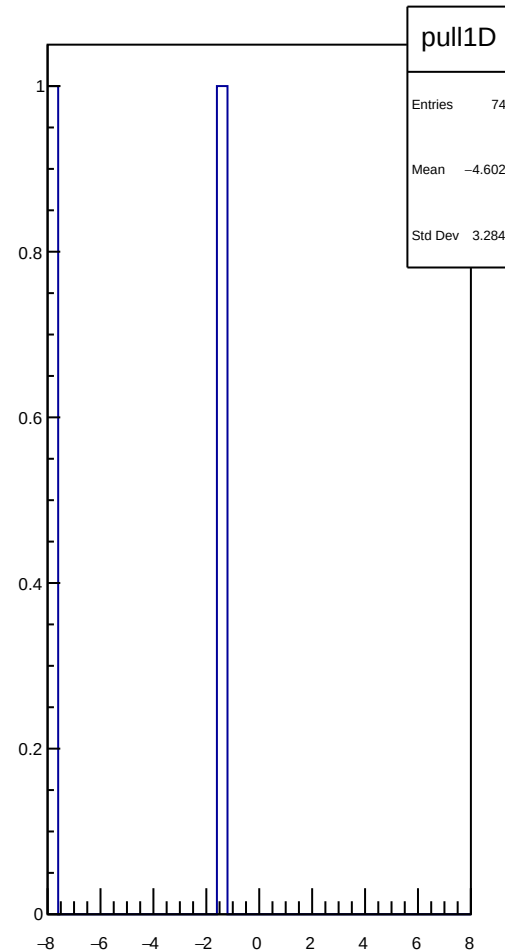
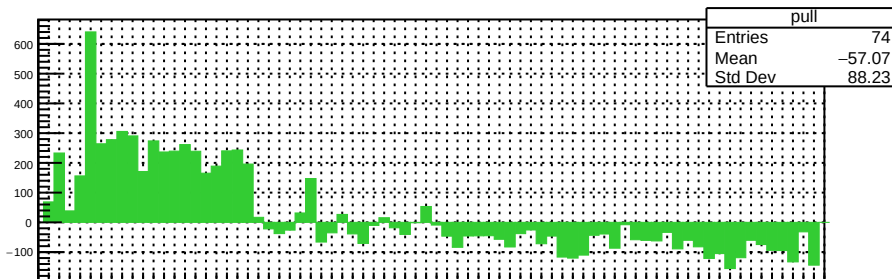
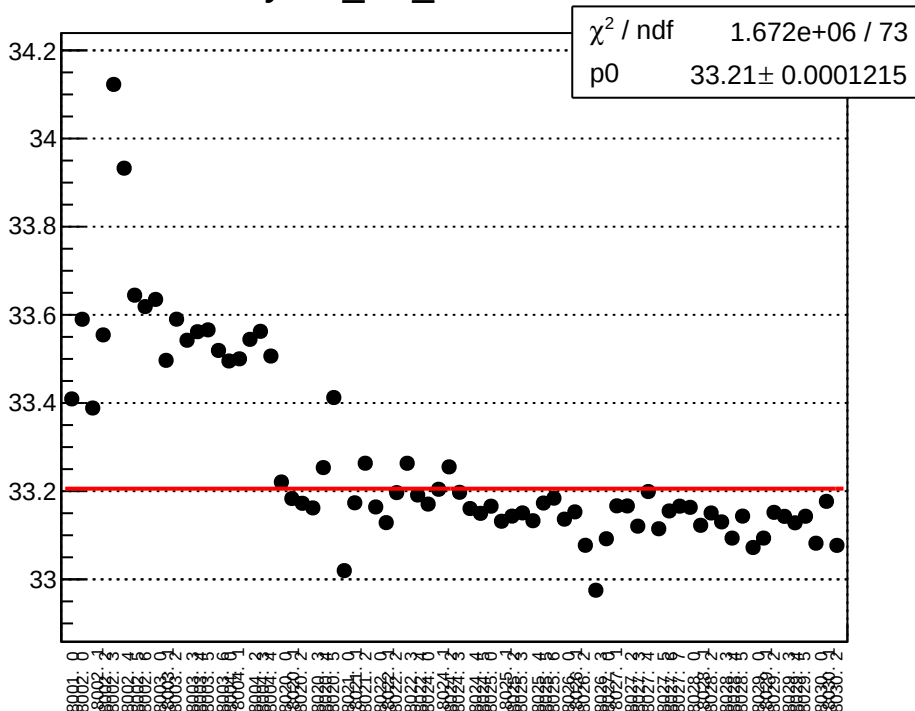
asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_dd\_mean vs run



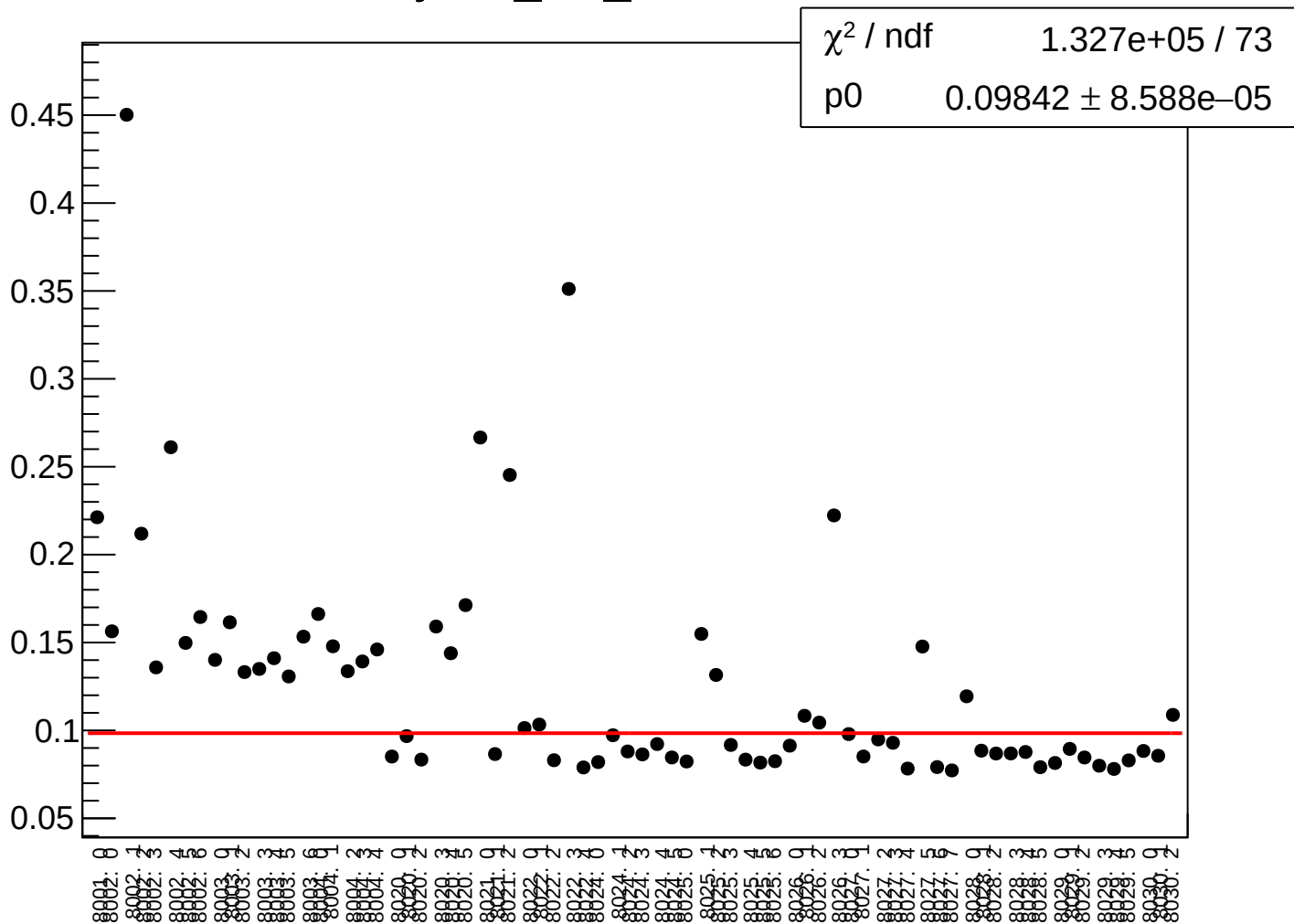
asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_dd\_rms vs run



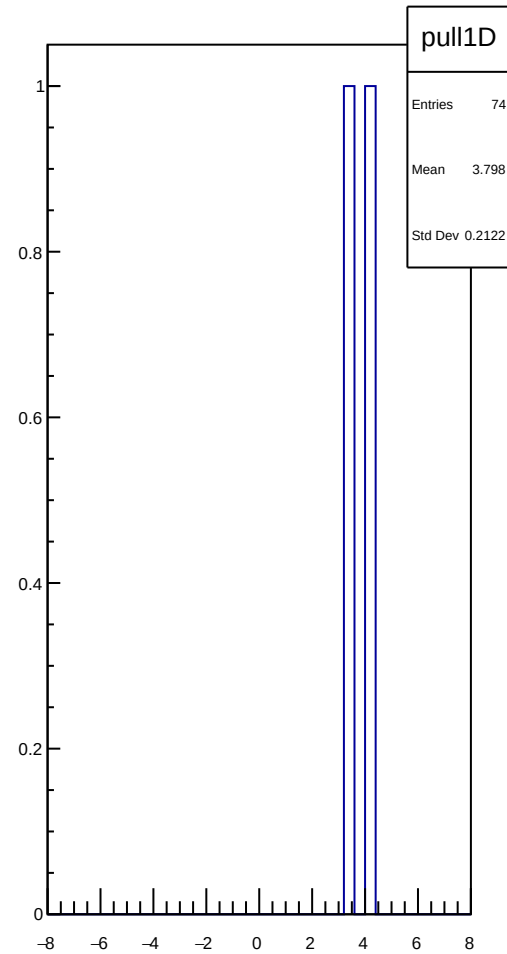
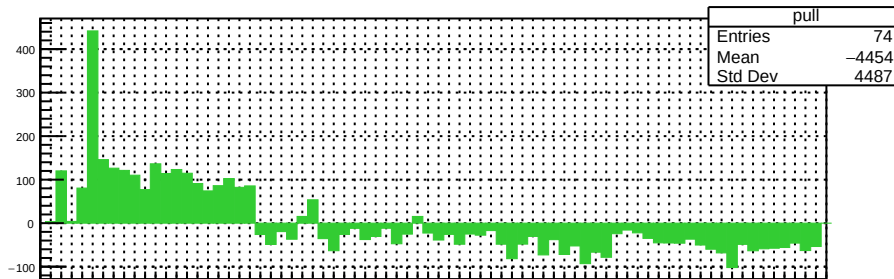
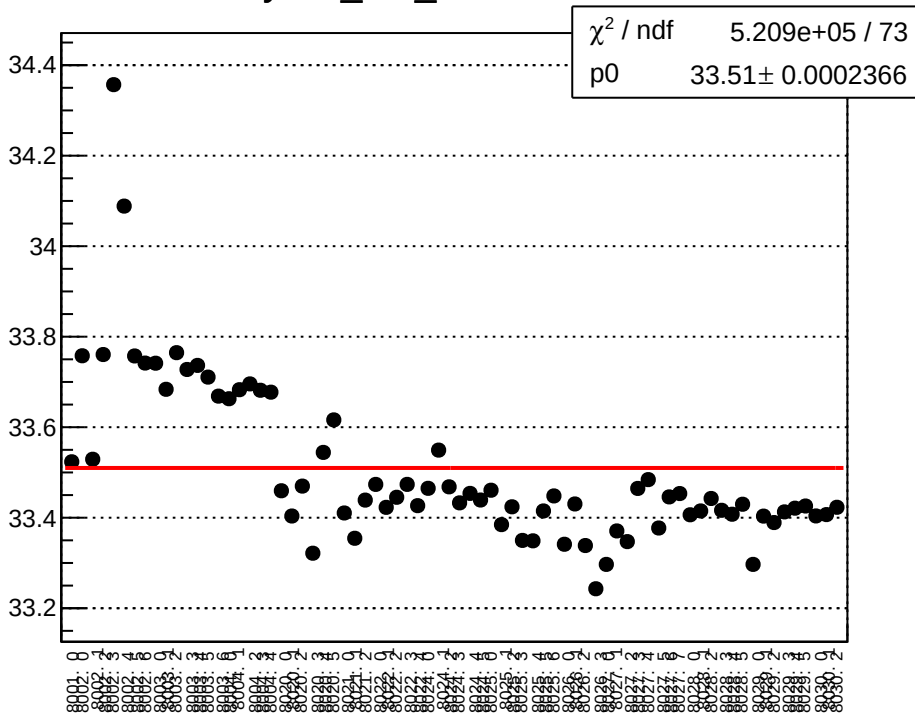
# yield\_usl\_mean vs run



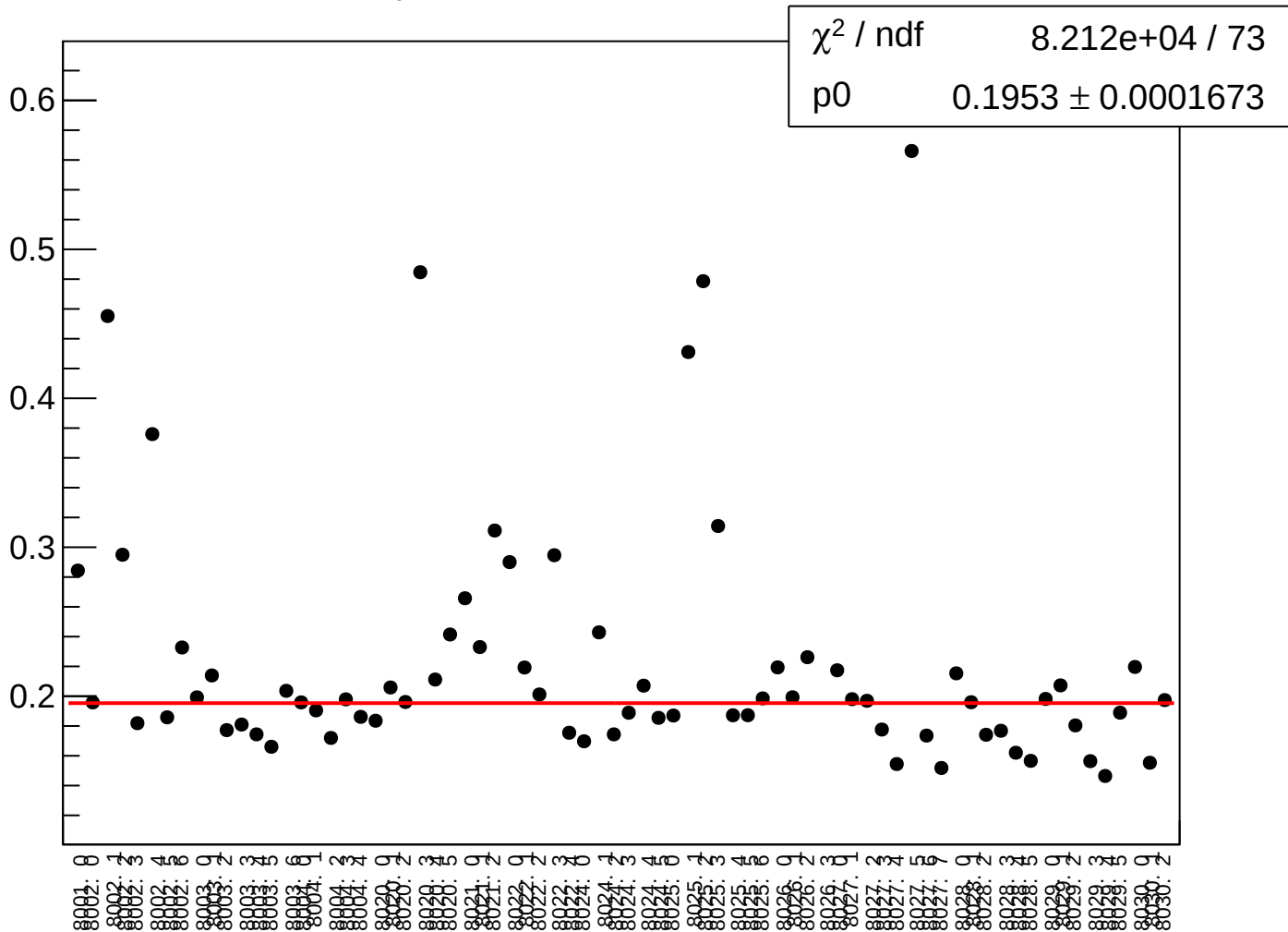
# yield\_usl\_rms vs run



# yield\_usr\_mean vs run

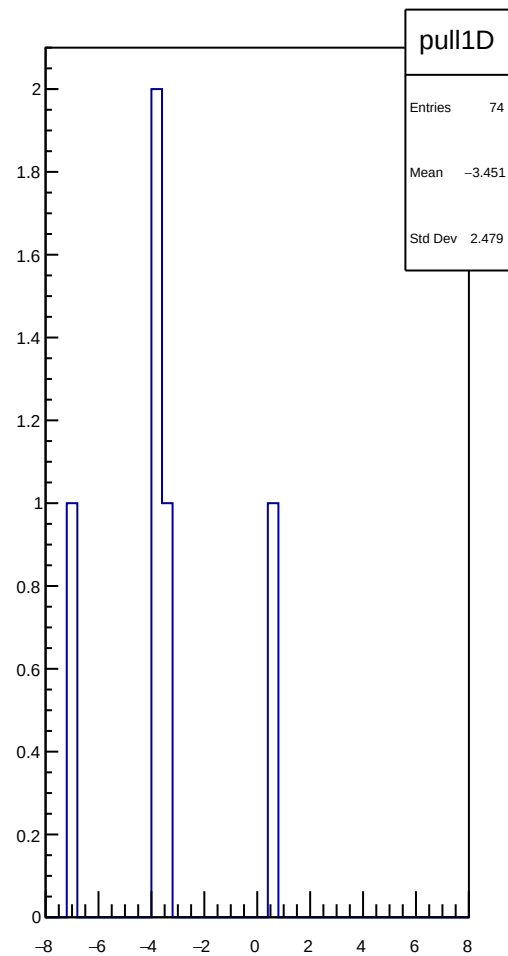
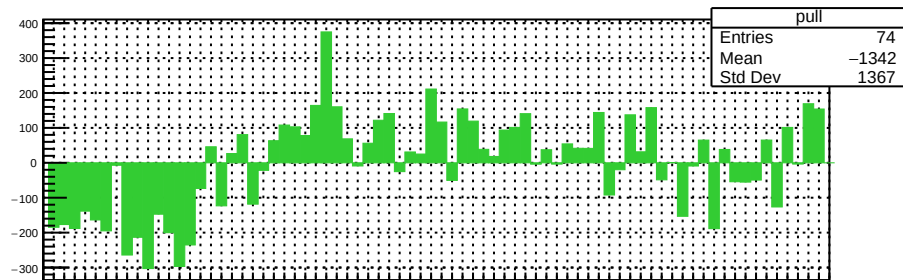
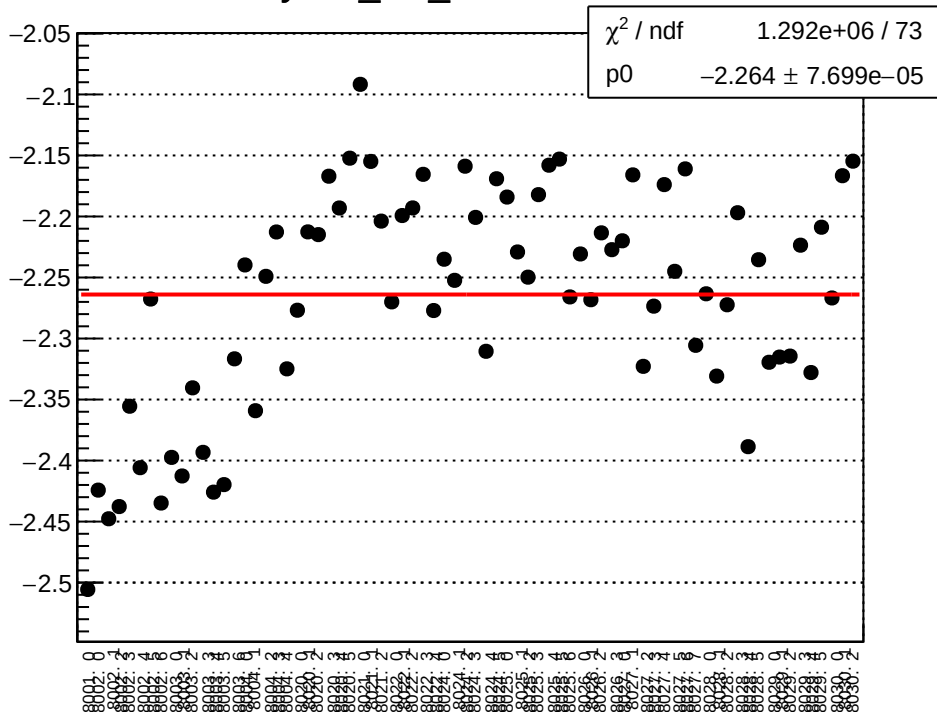


# yield\_usr\_rms vs run

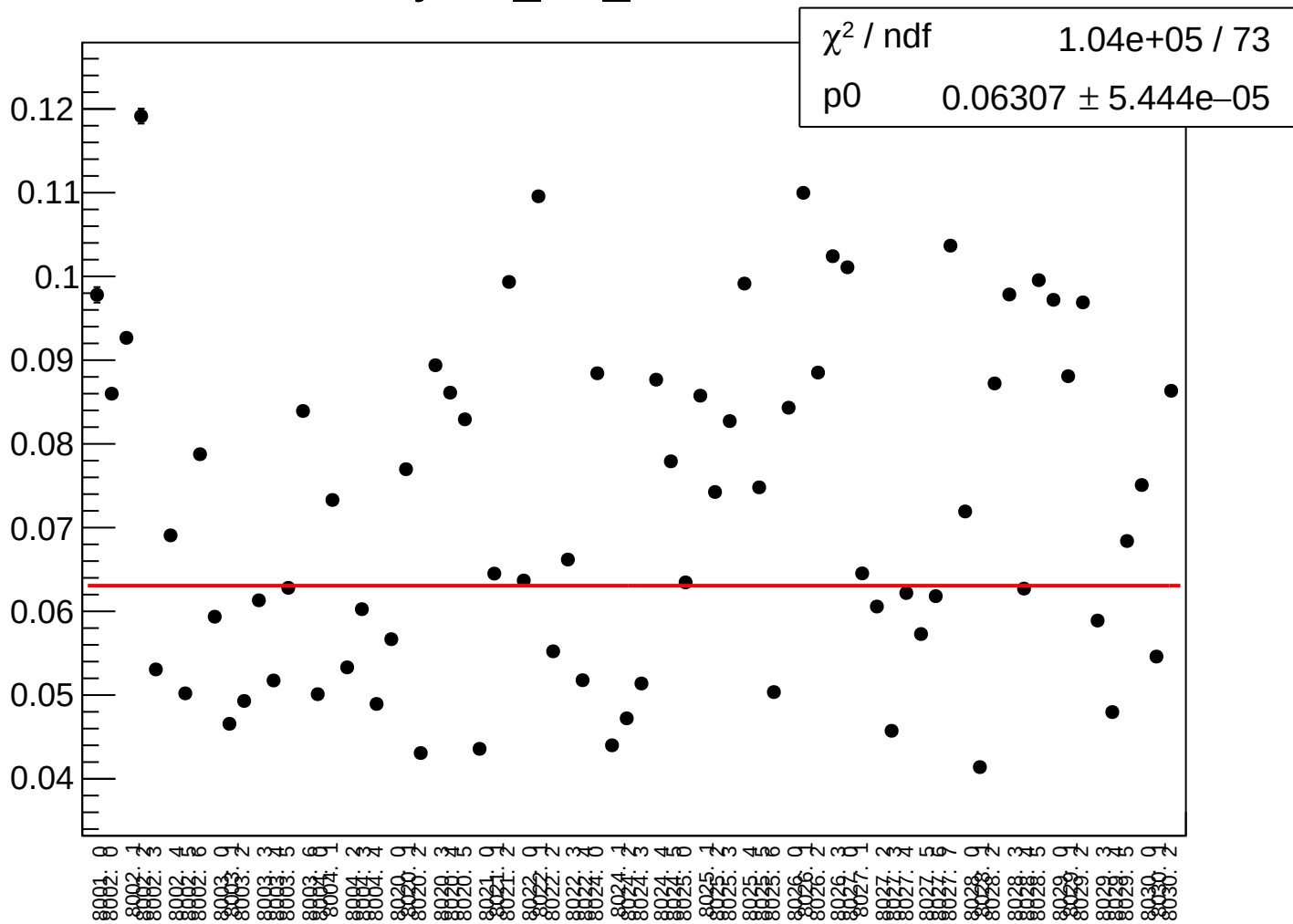




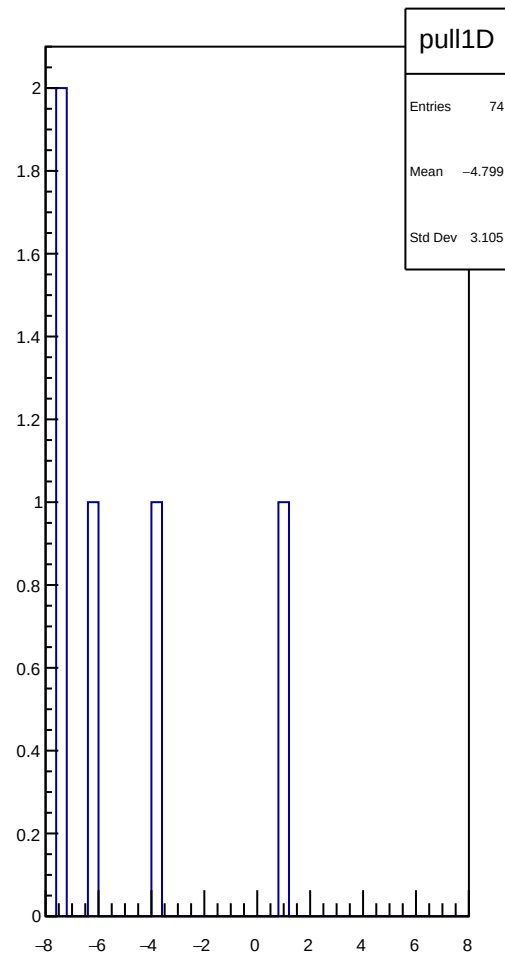
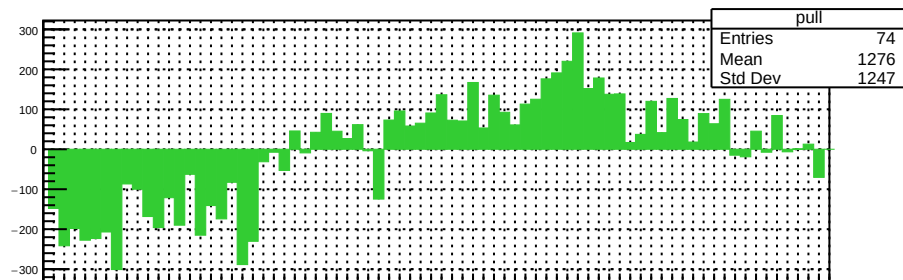
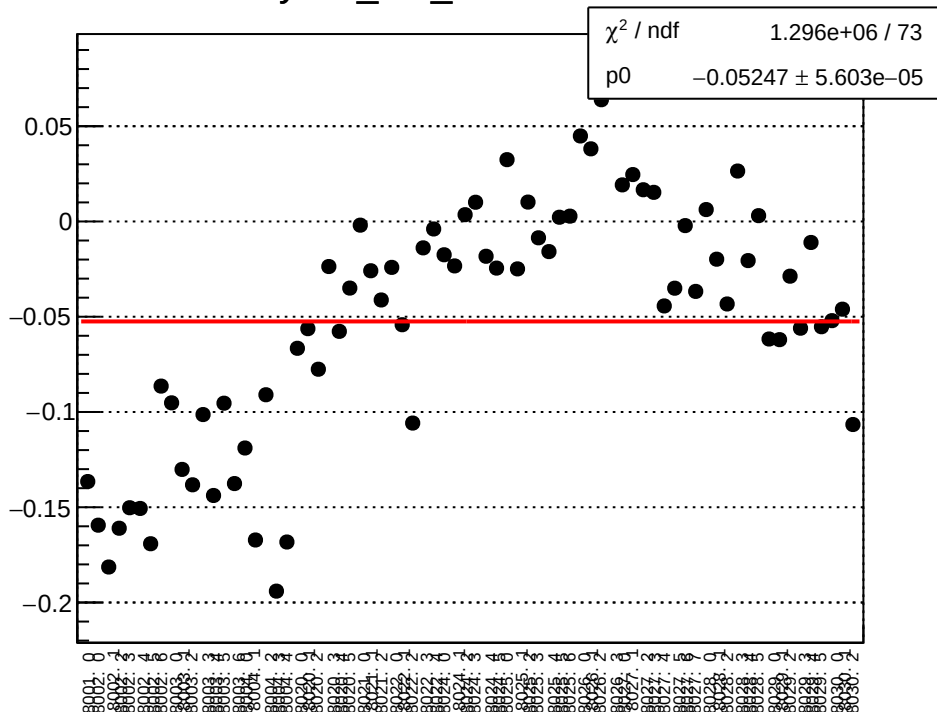
yield\_dsl\_mean vs run



# yield\_dsl\_rms vs run

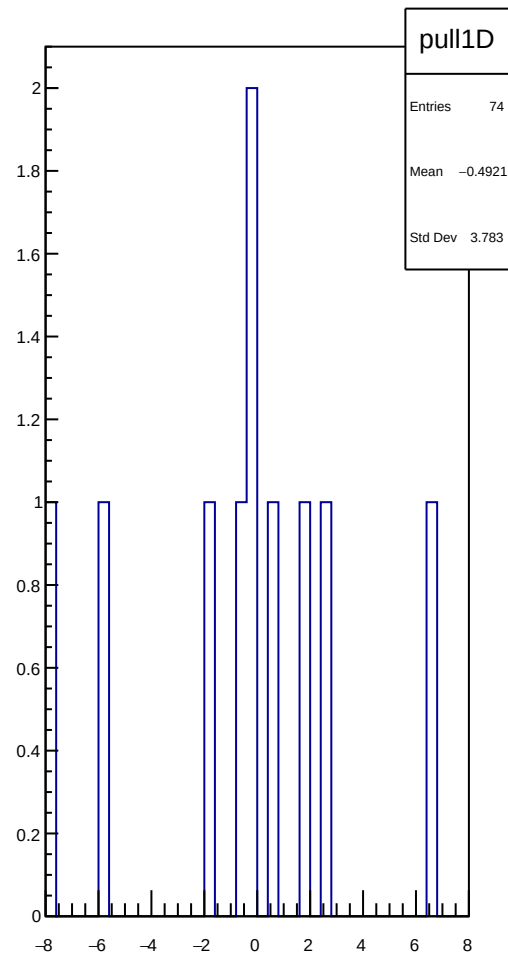
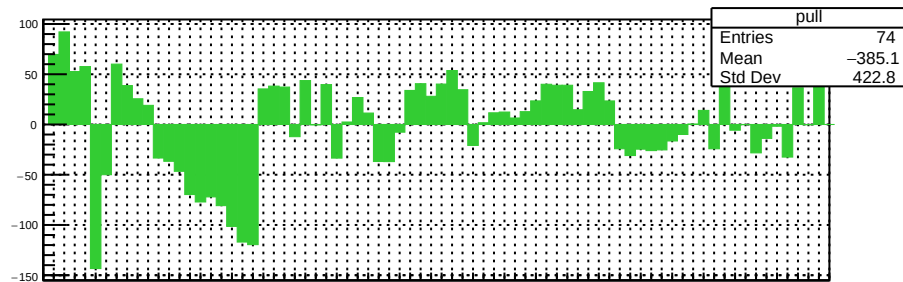
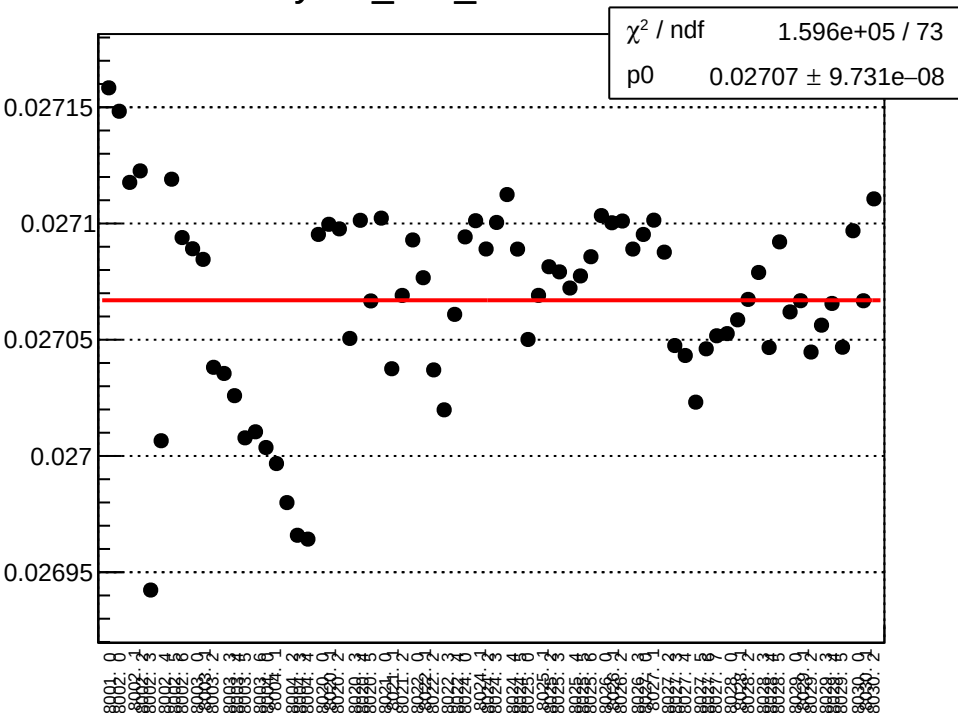


yield\_dsr\_mean vs run

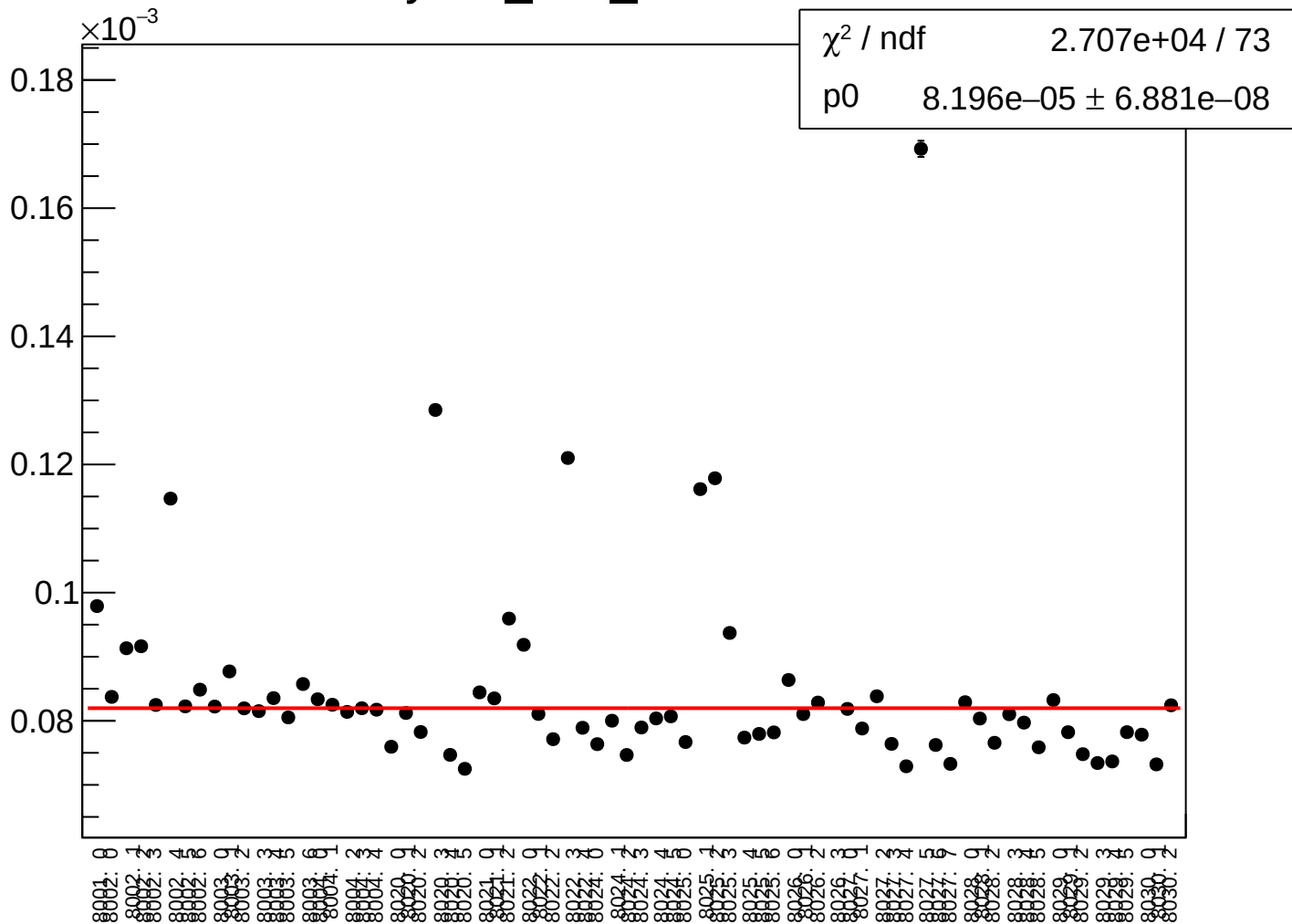




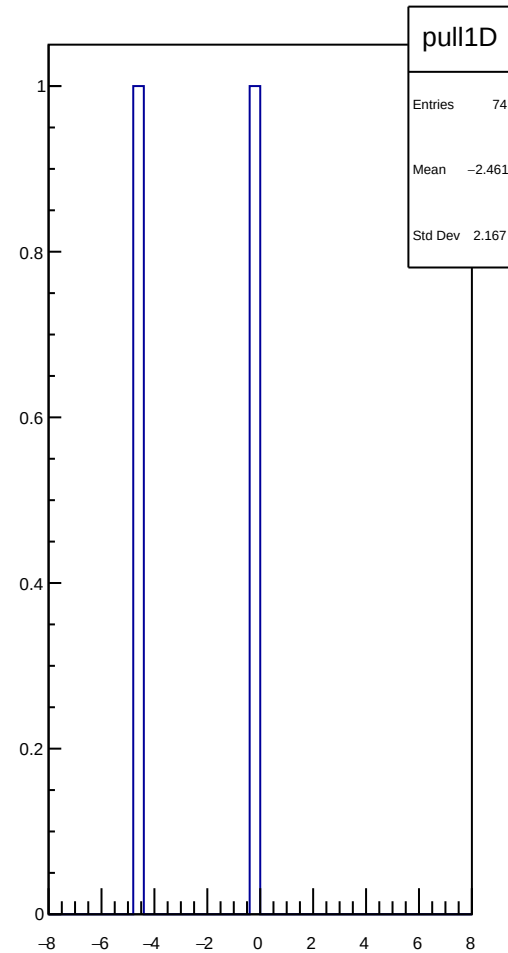
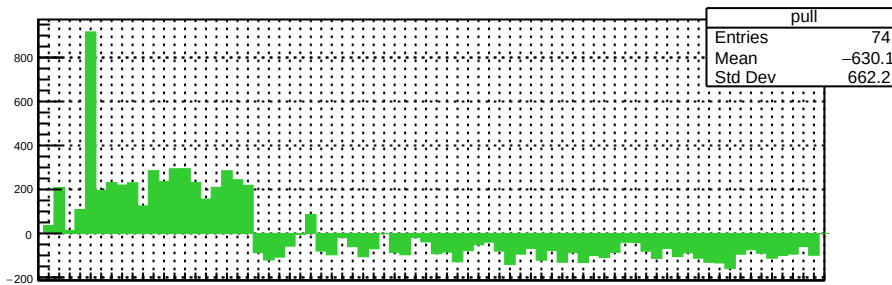
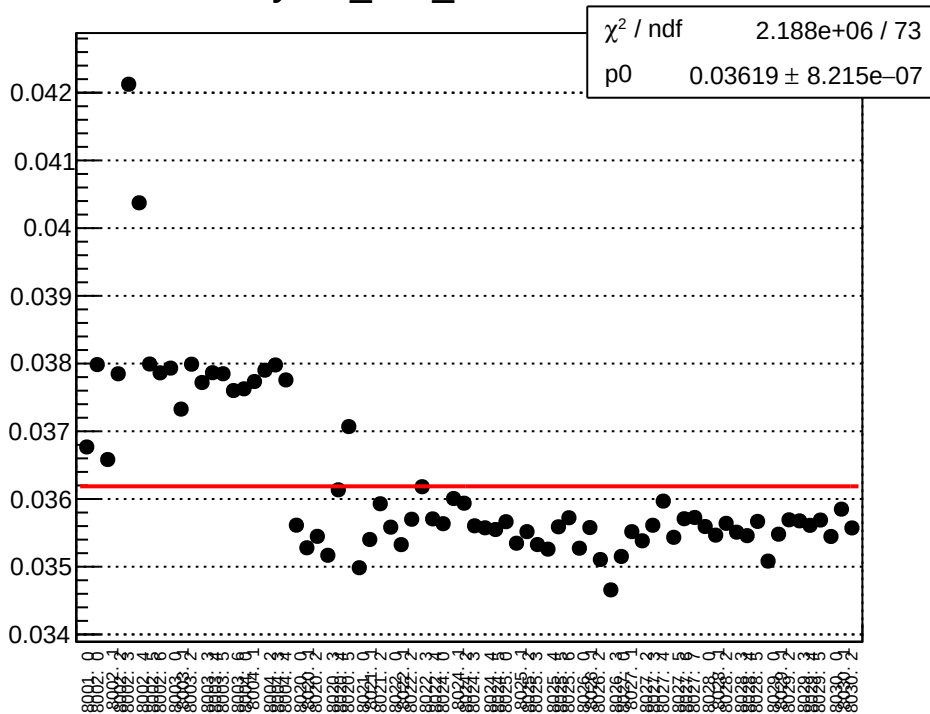
yield\_atl1\_mean vs run



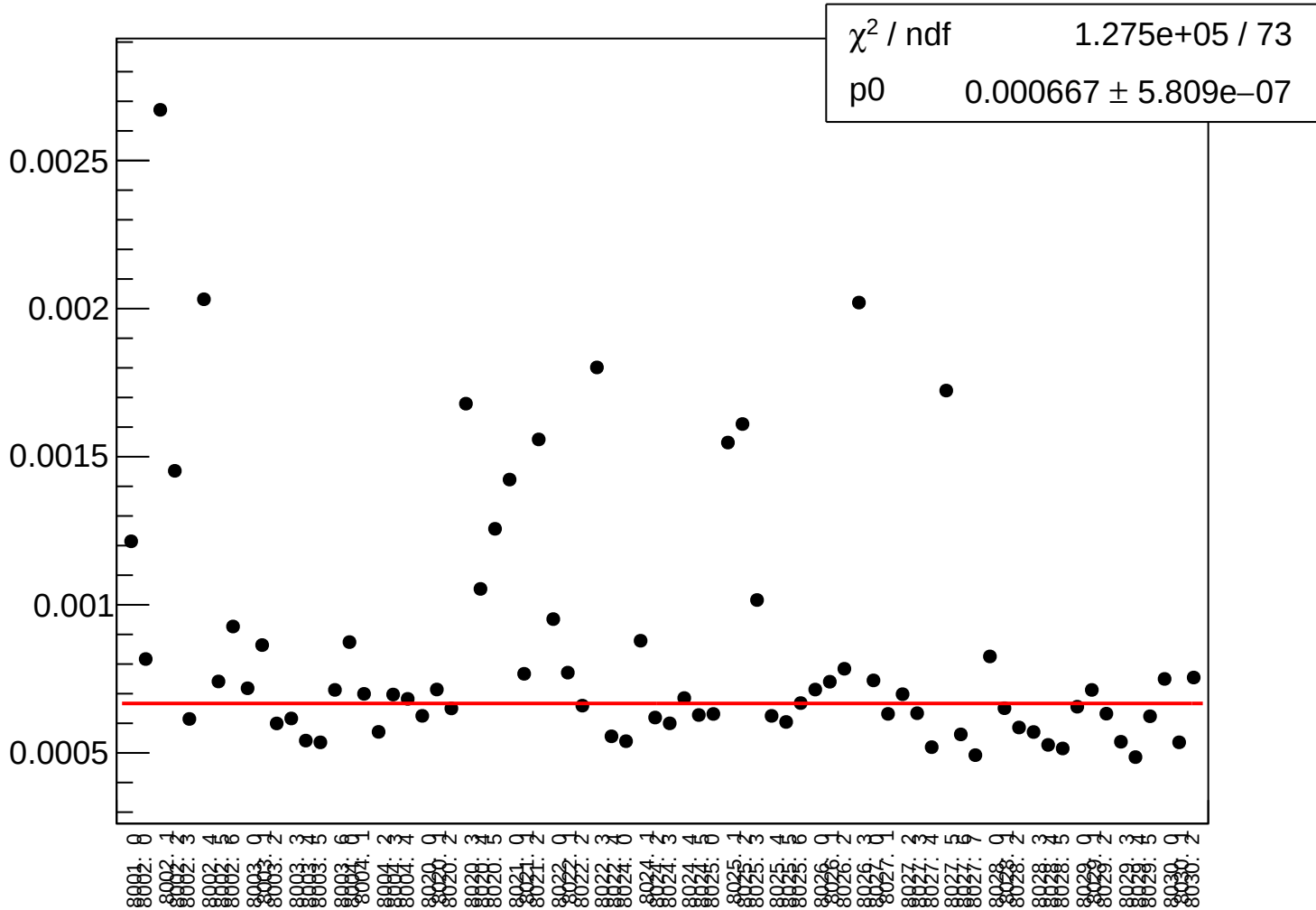
# yield\_atl1\_rms vs run



# yield\_atl2\_mean vs run

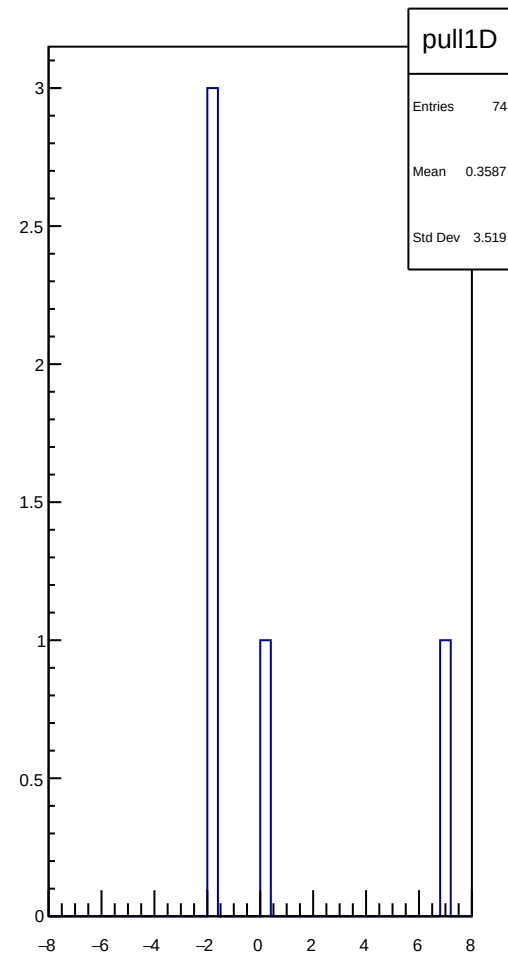
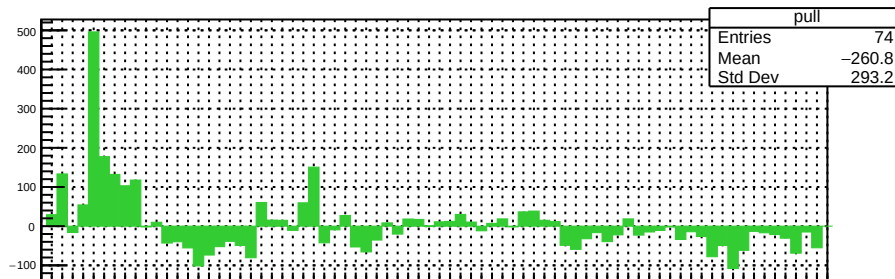
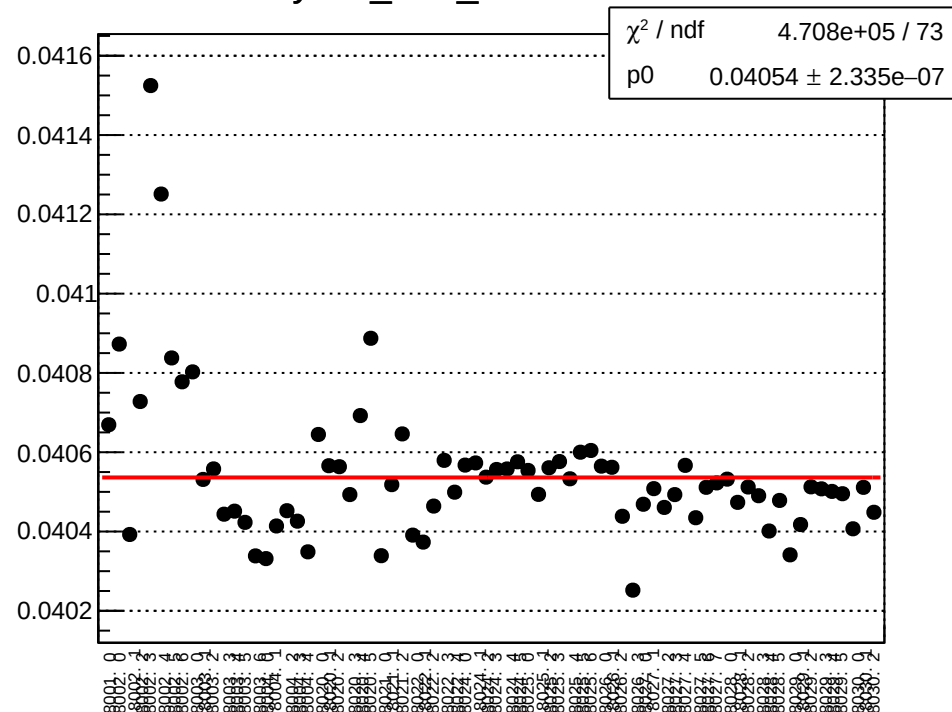


# yield\_atl2\_rms vs run

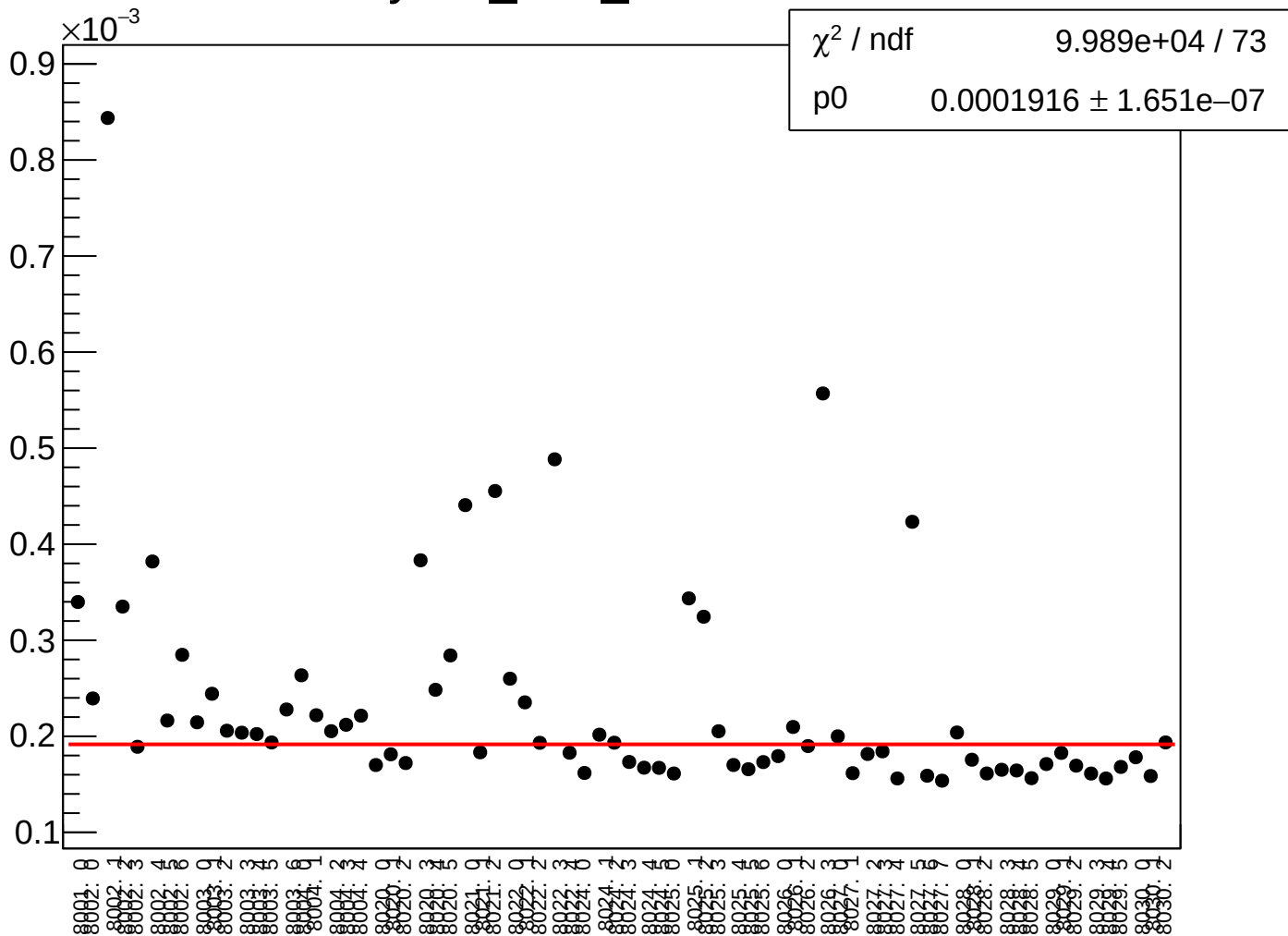




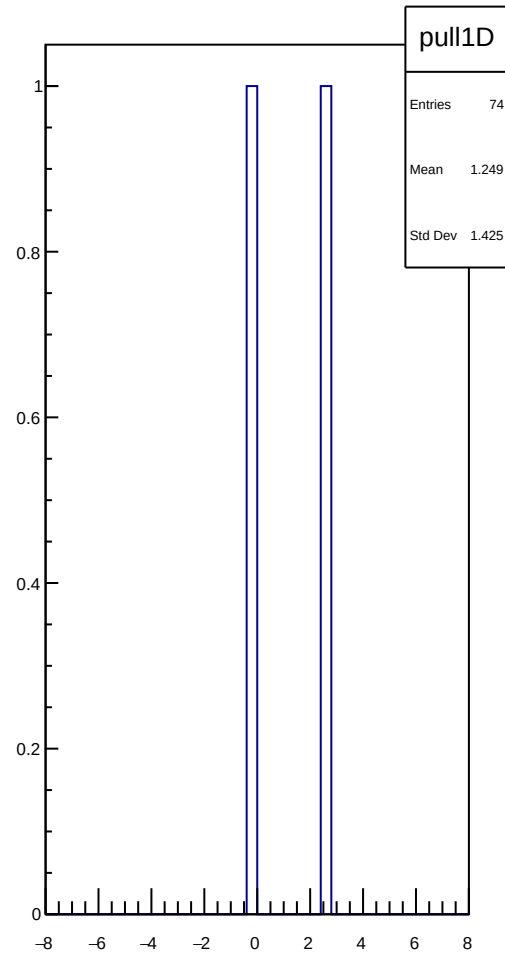
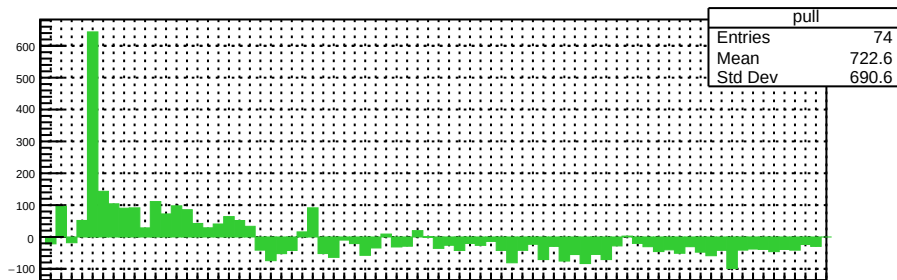
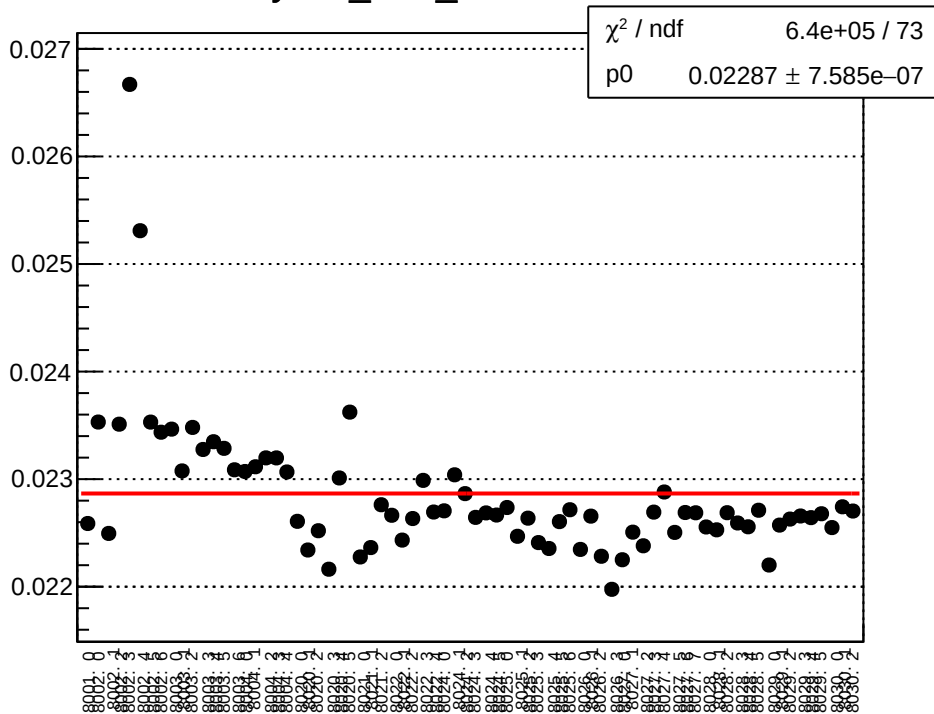
yield\_atr1\_mean vs run



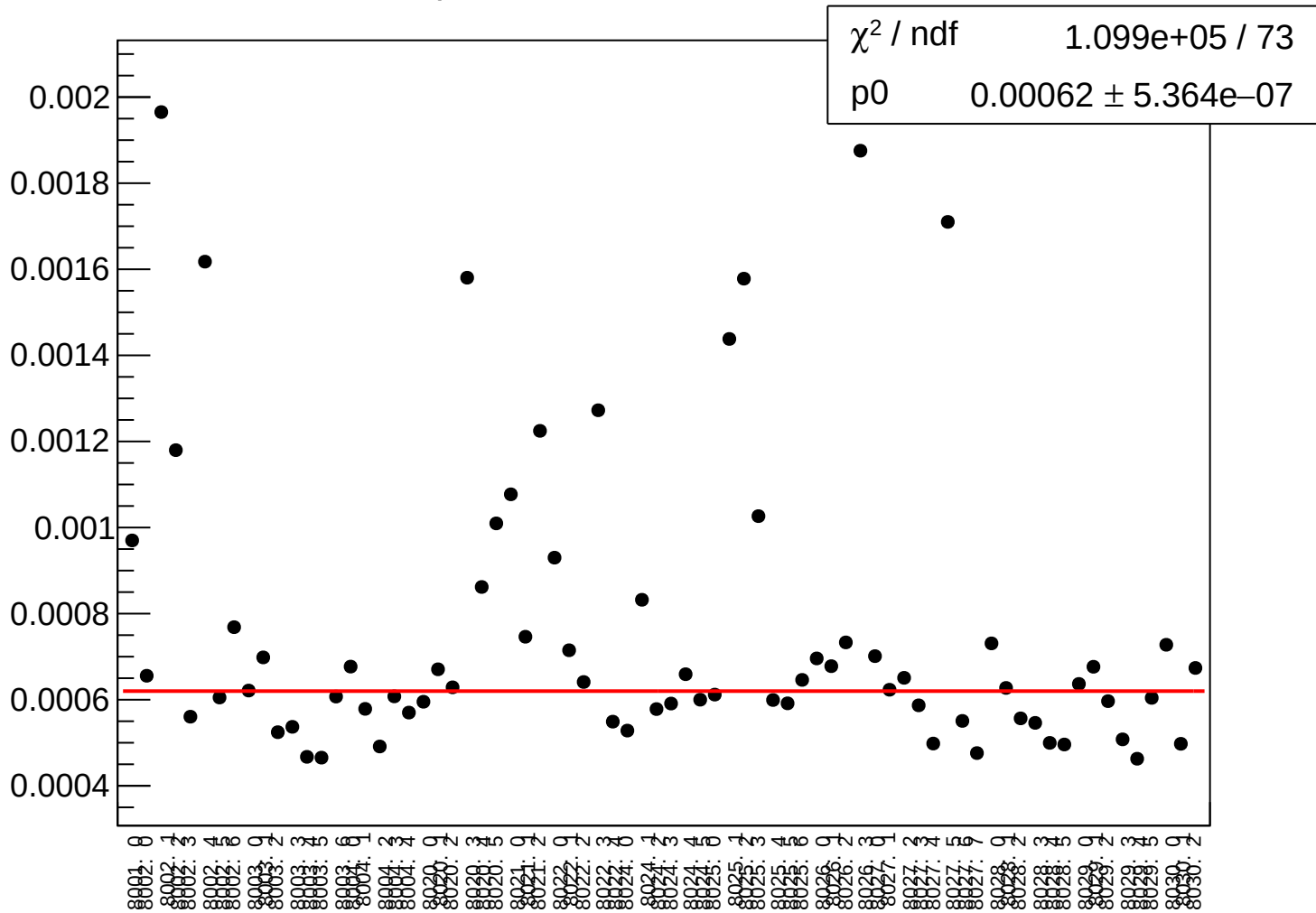
# yield\_atr1\_rms vs run



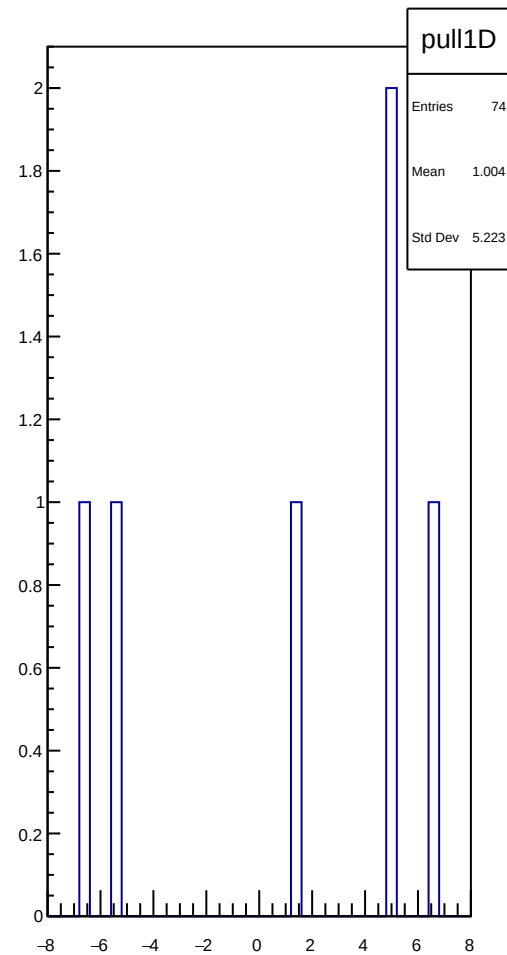
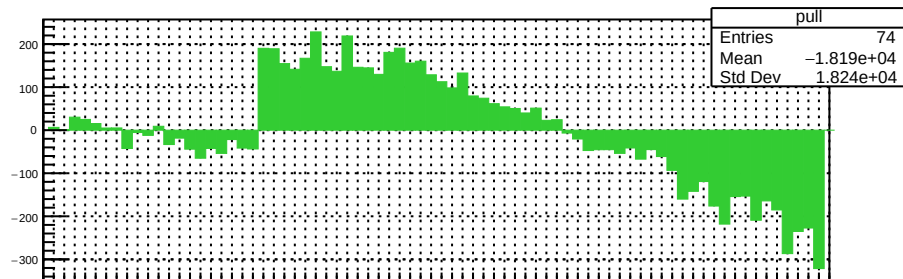
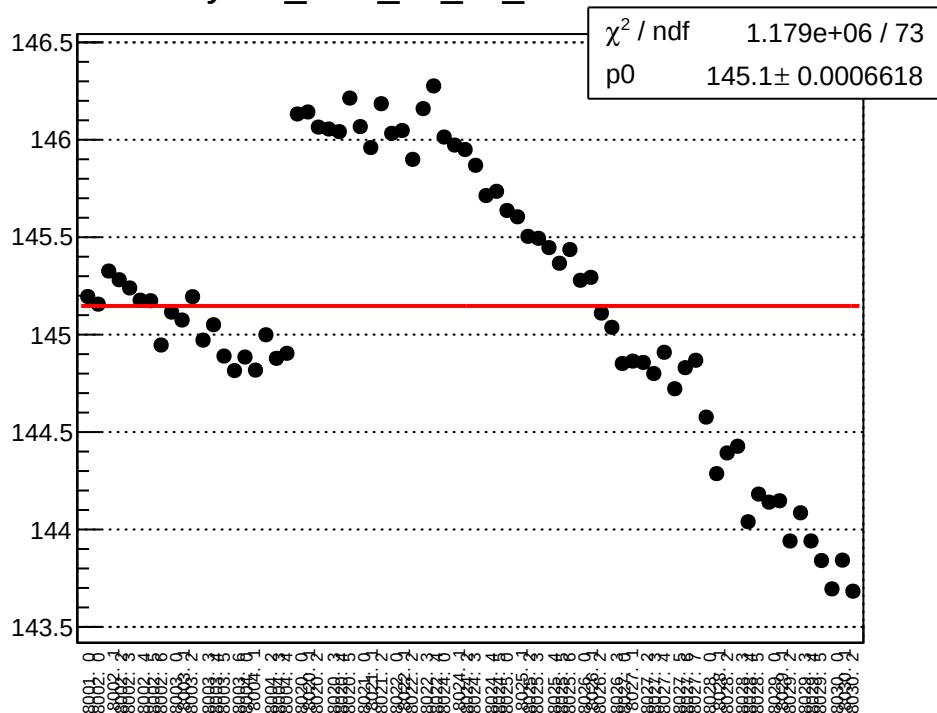
# yield\_atr2\_mean vs run



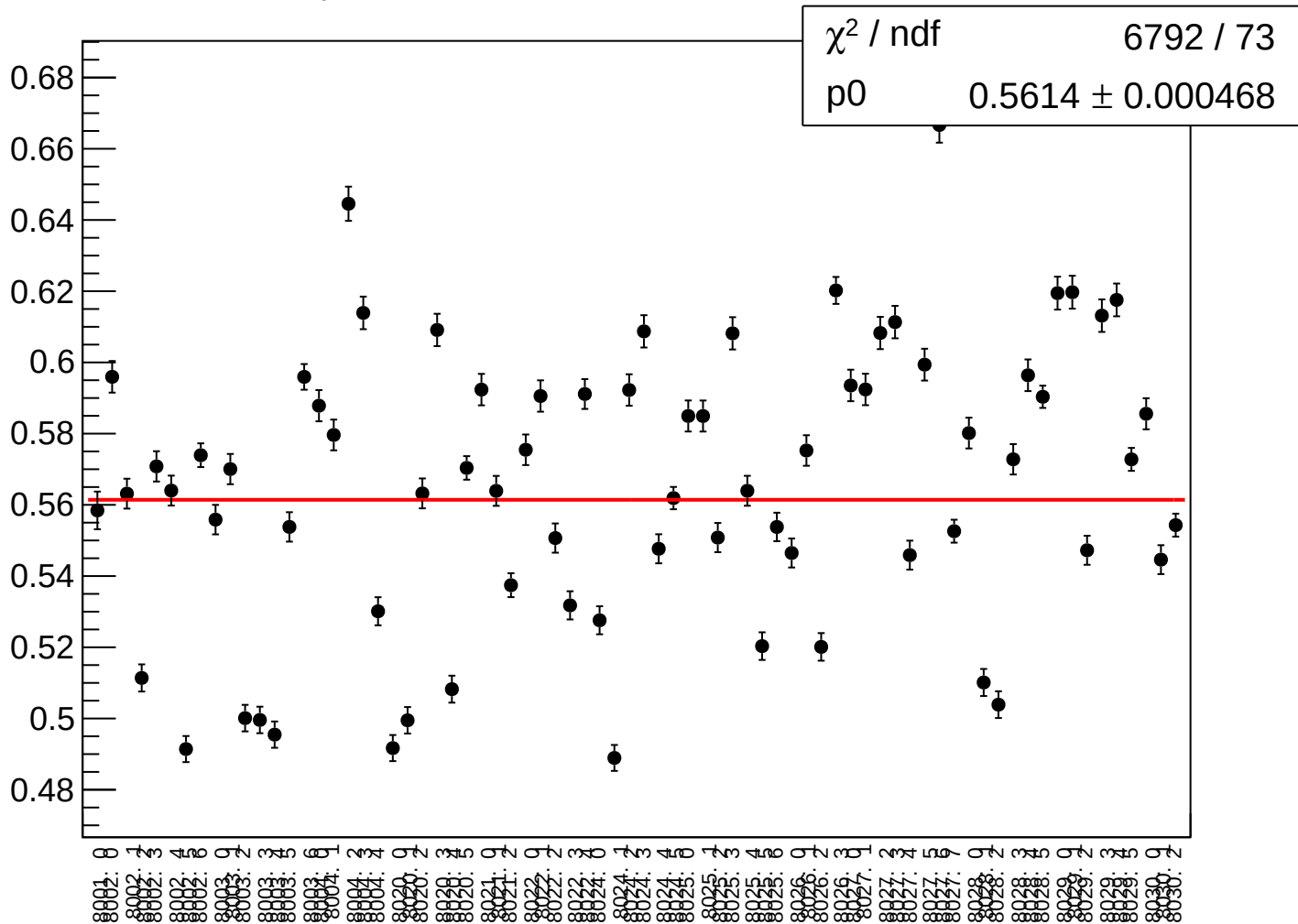
# yield\_atr2\_rms vs run



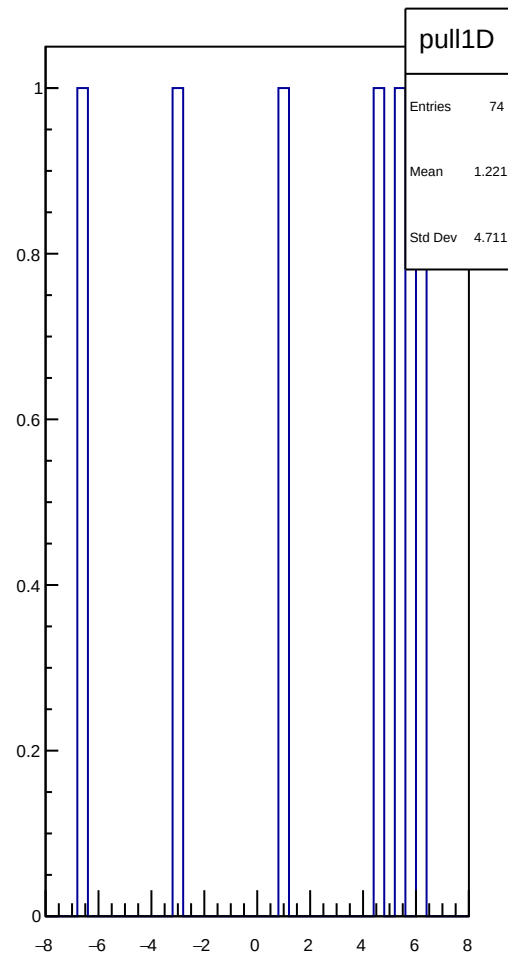
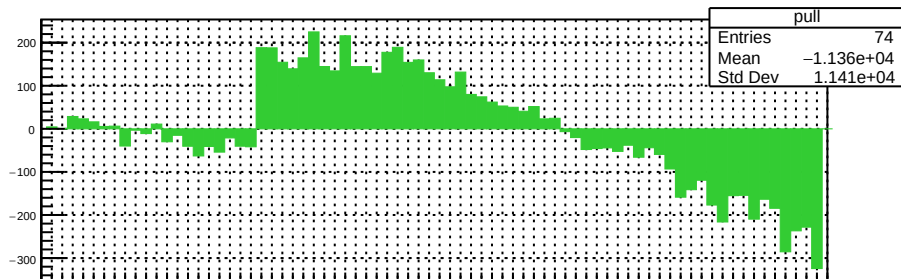
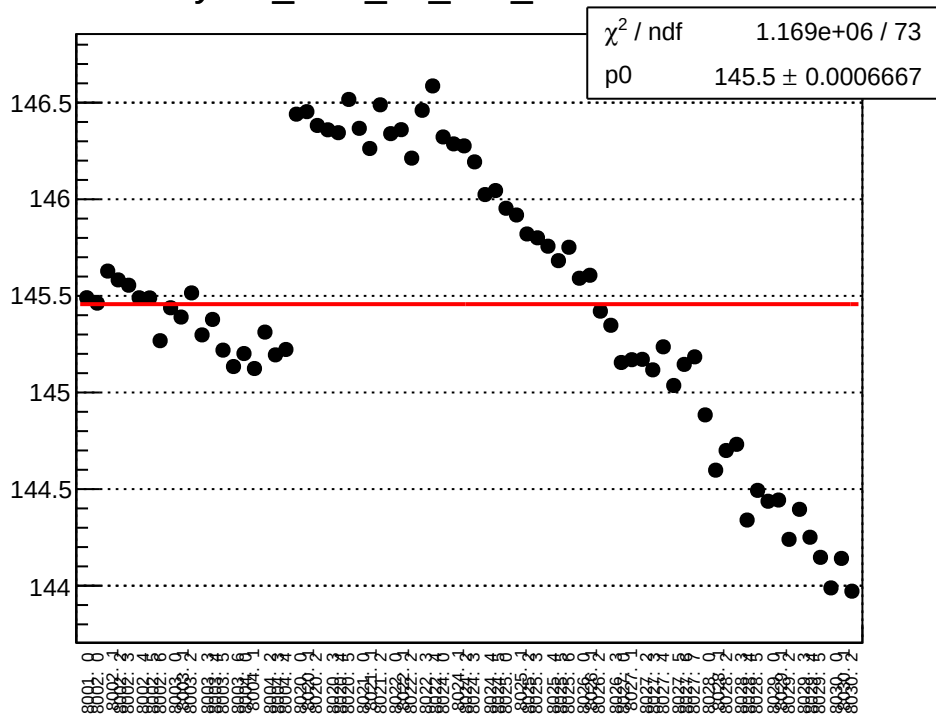
# yield\_bcm\_an\_ds\_mean vs run



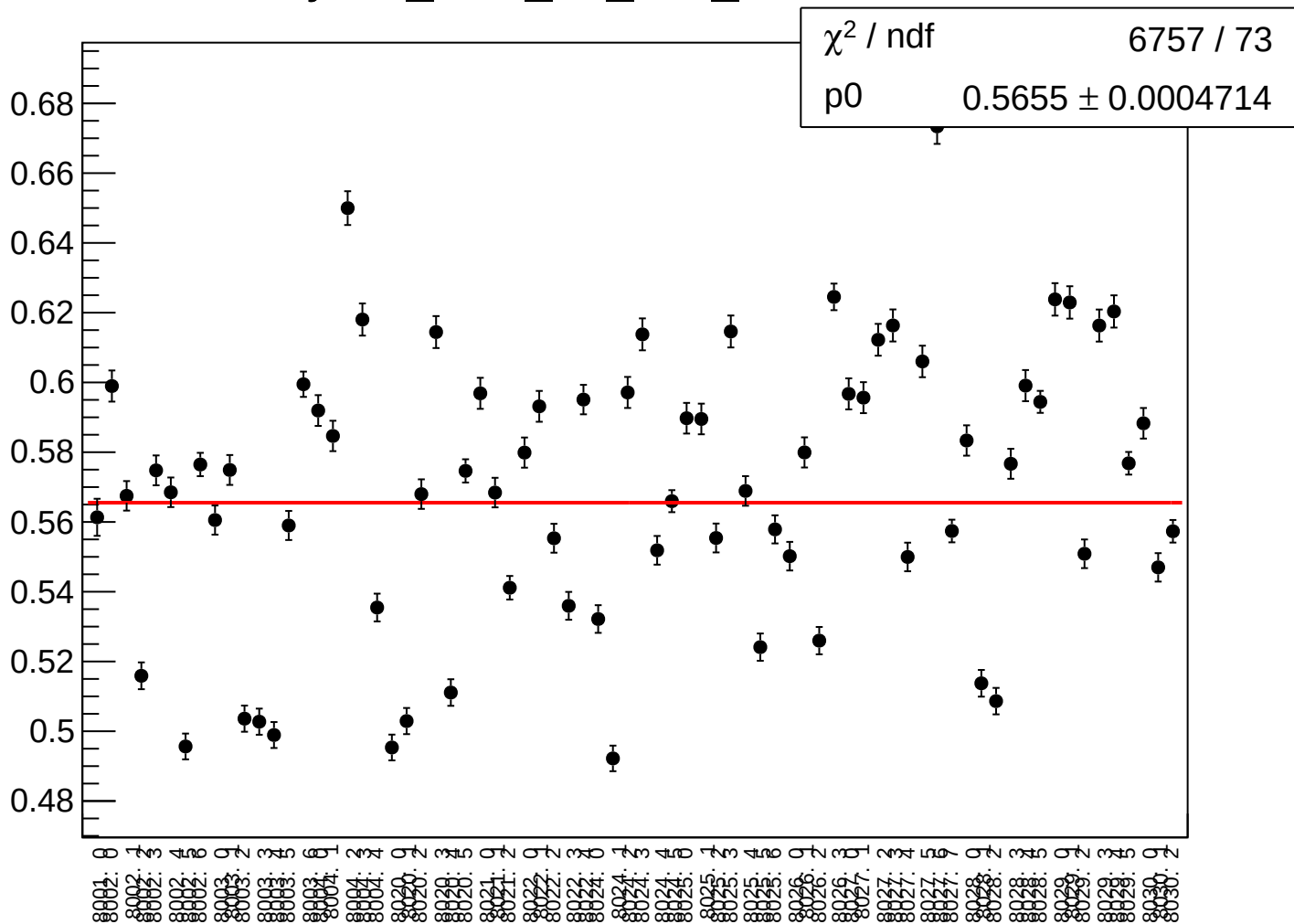
# yield\_bcm\_an\_ds\_rms vs run



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

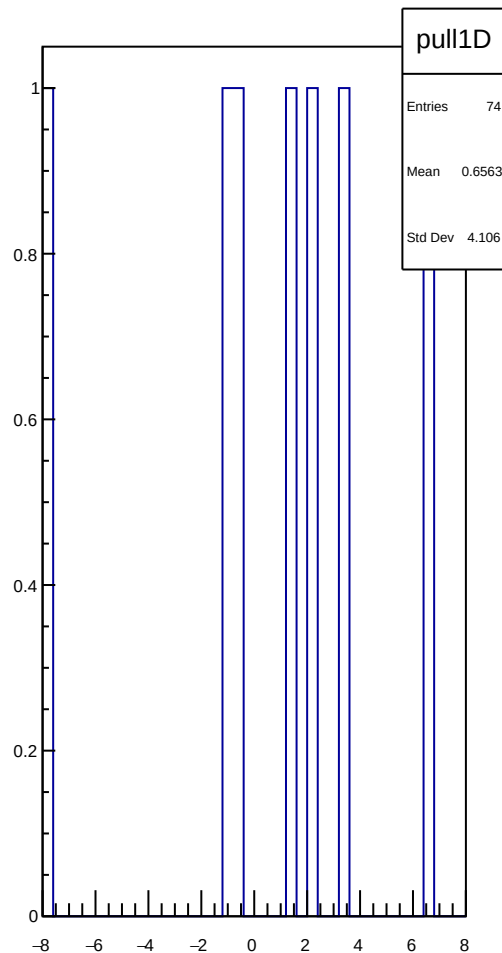
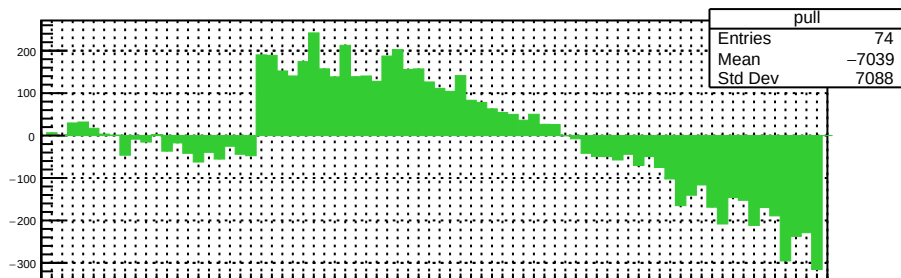
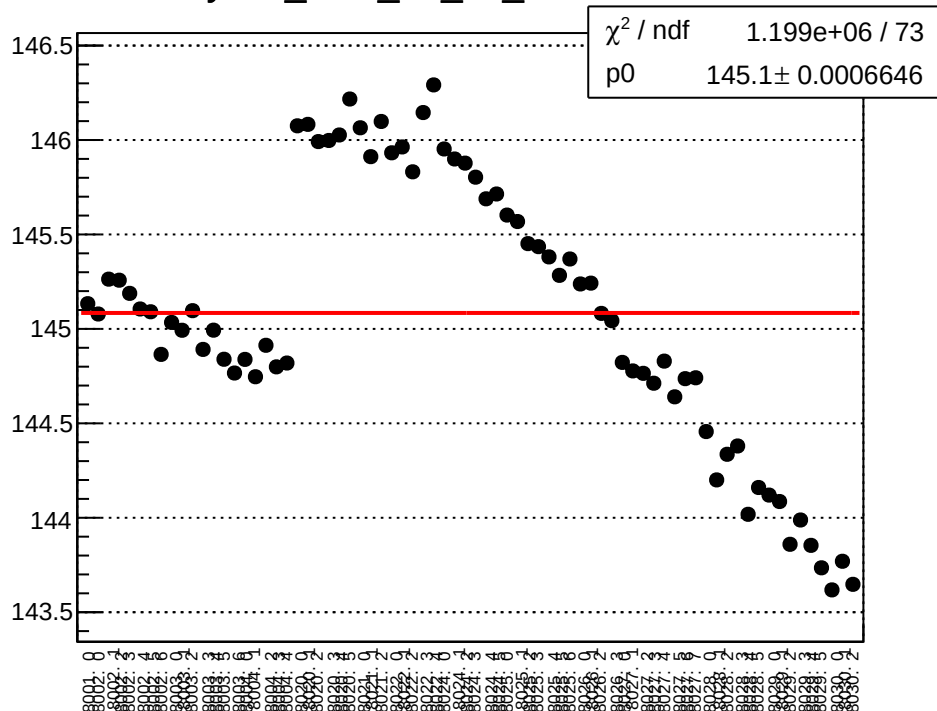


# yield\_bcm\_an\_ds3\_rms vs run

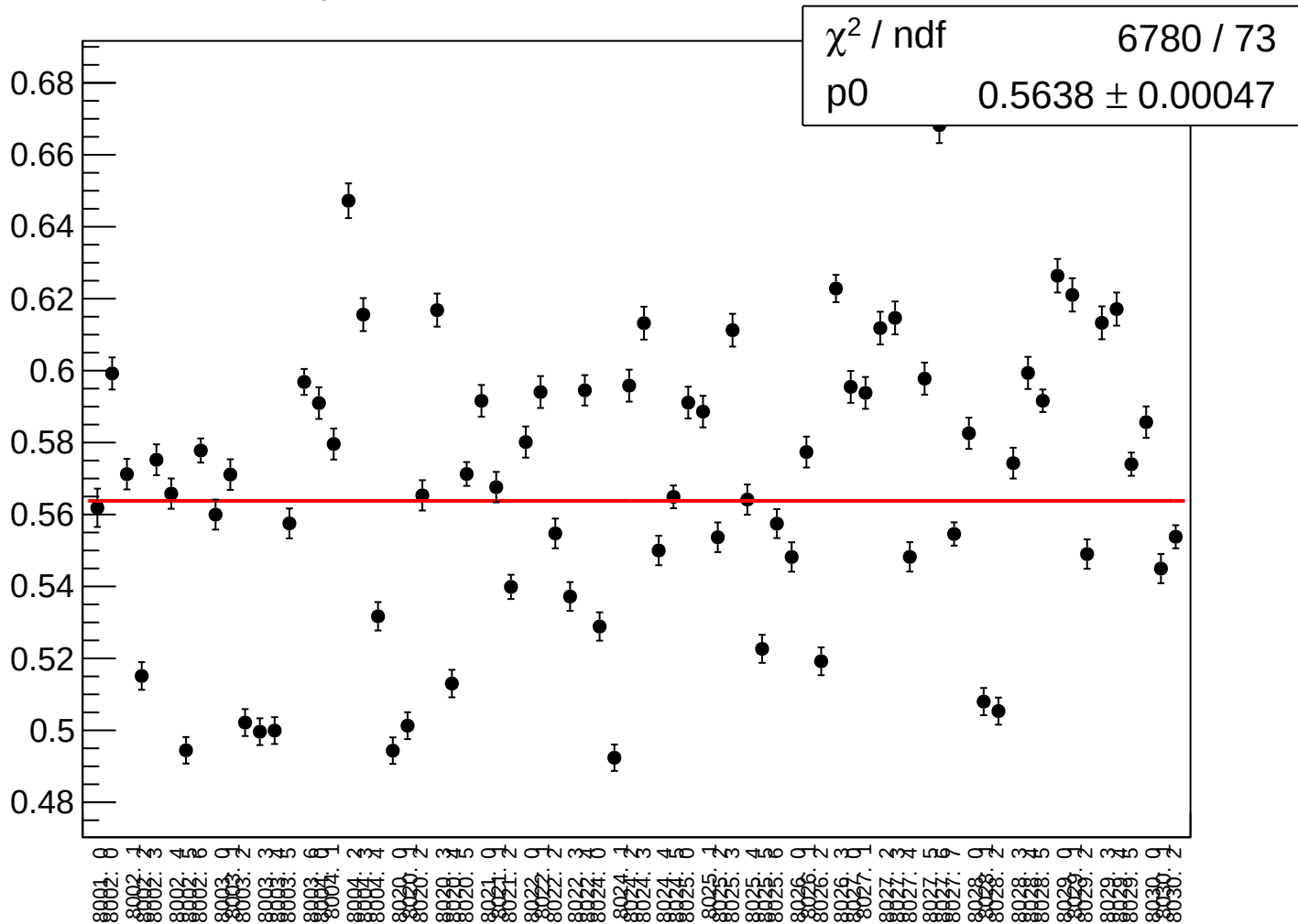




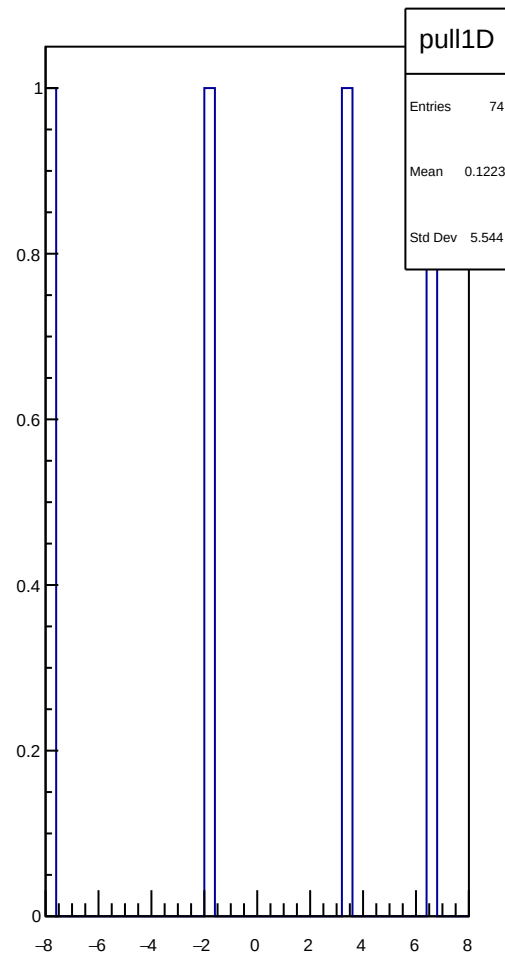
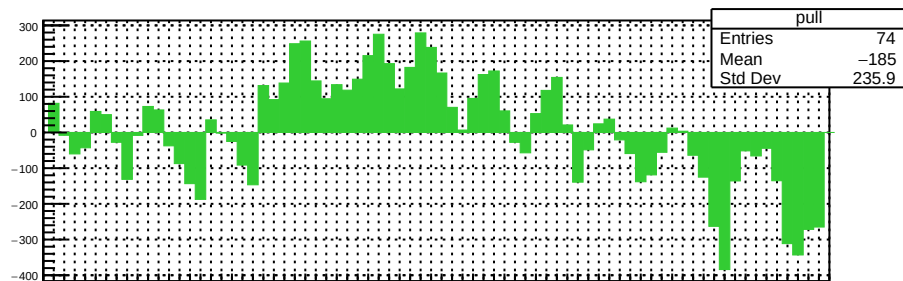
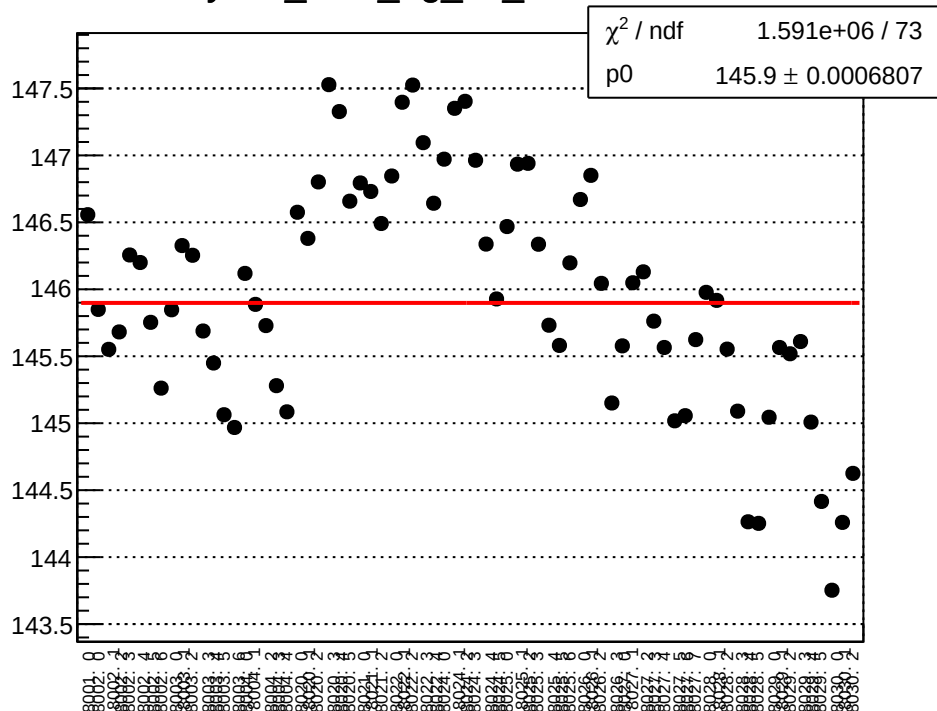
# yield\_bcm\_an\_us\_mean vs run



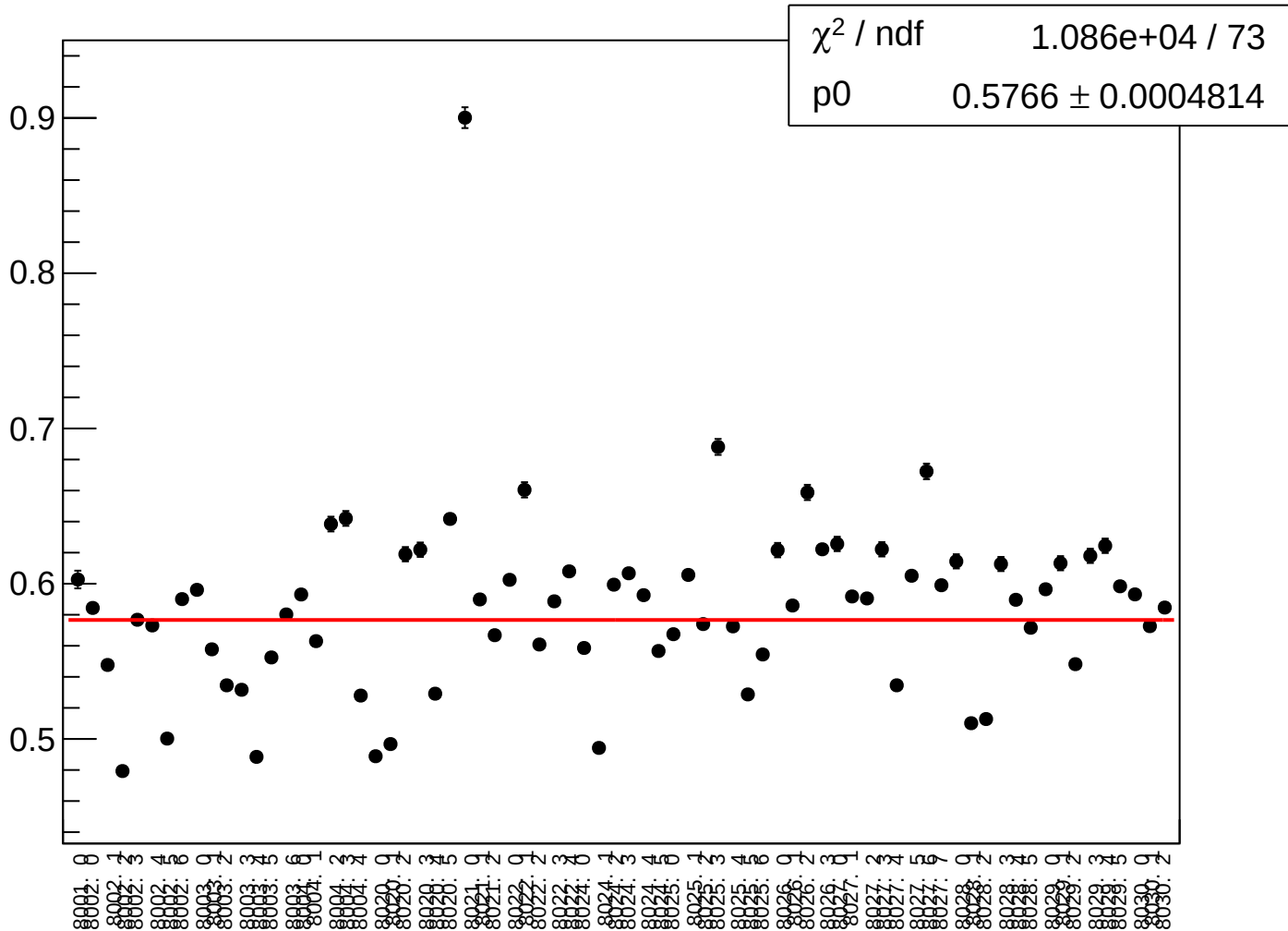
# yield\_bcm\_an\_us\_rms vs run



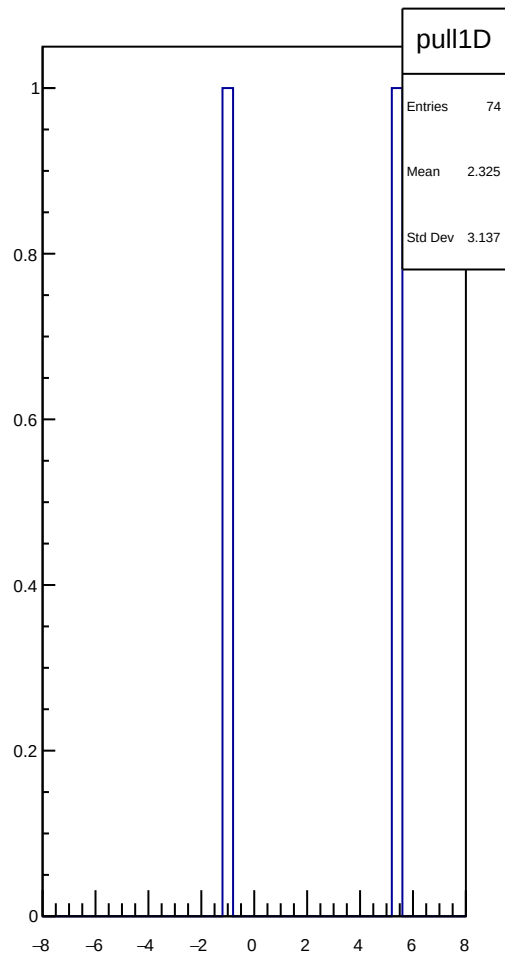
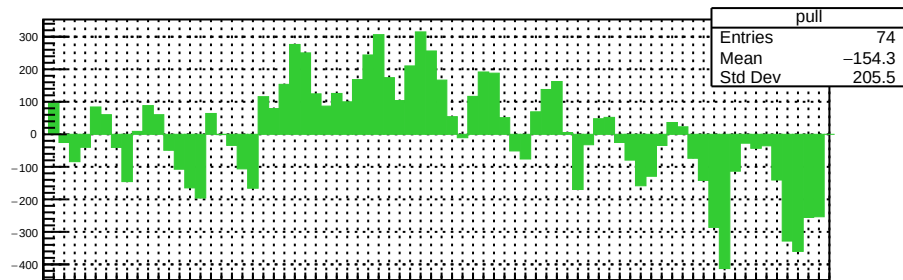
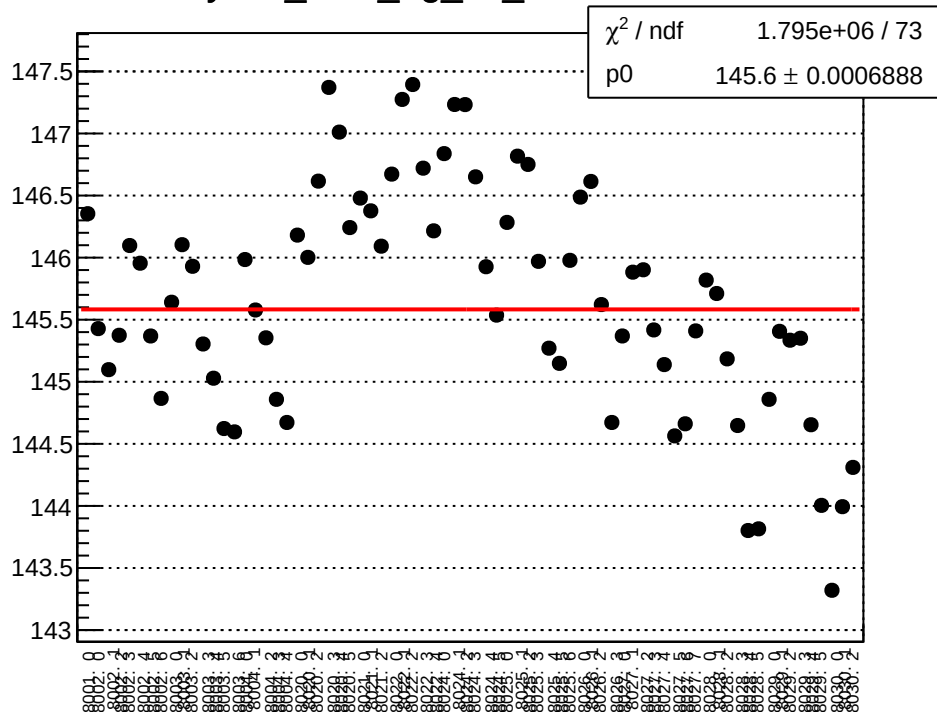
# yield\_bcm\_dg\_us\_mean vs run



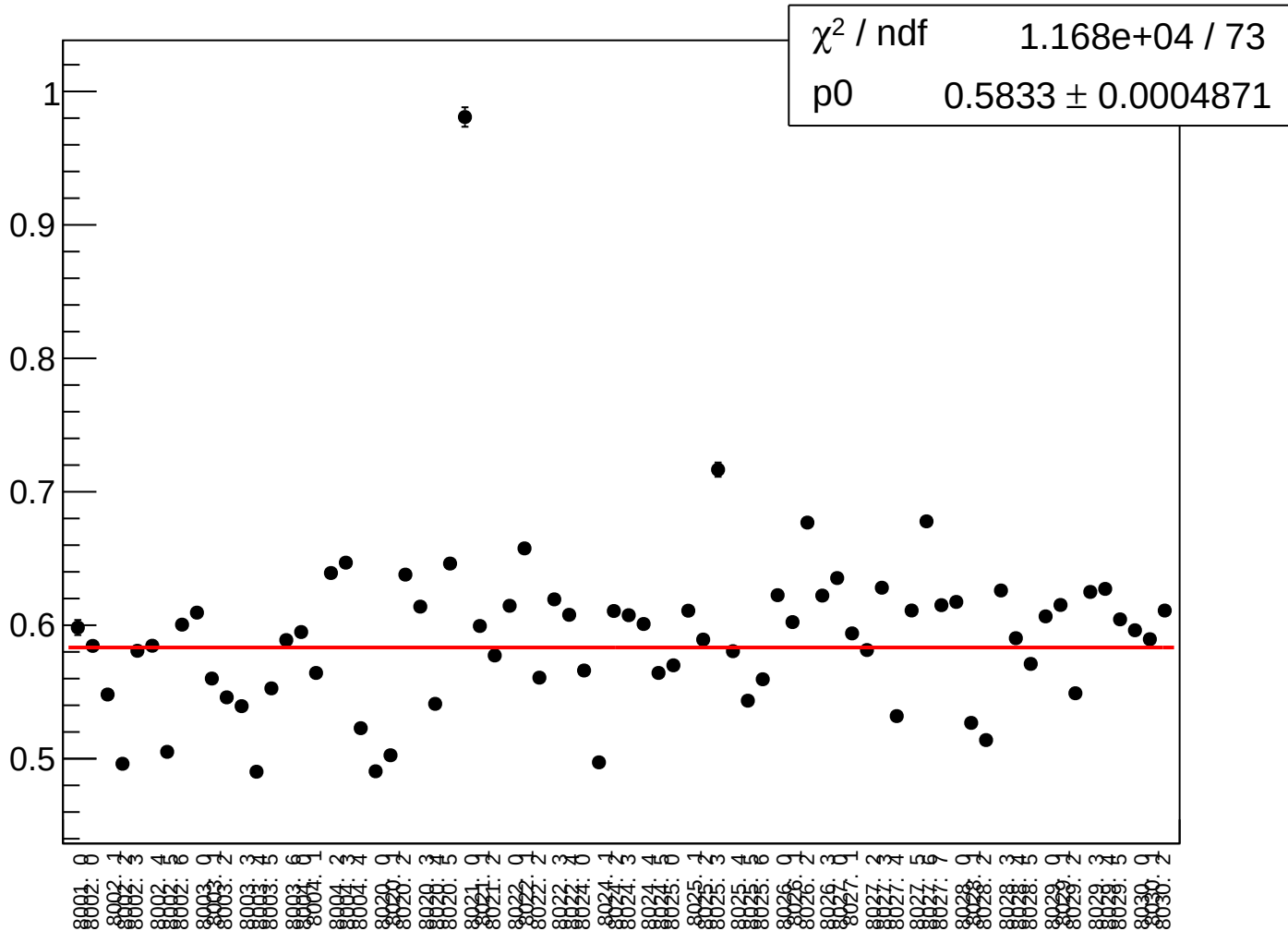
# yield\_bcm\_dg\_us\_rms vs run



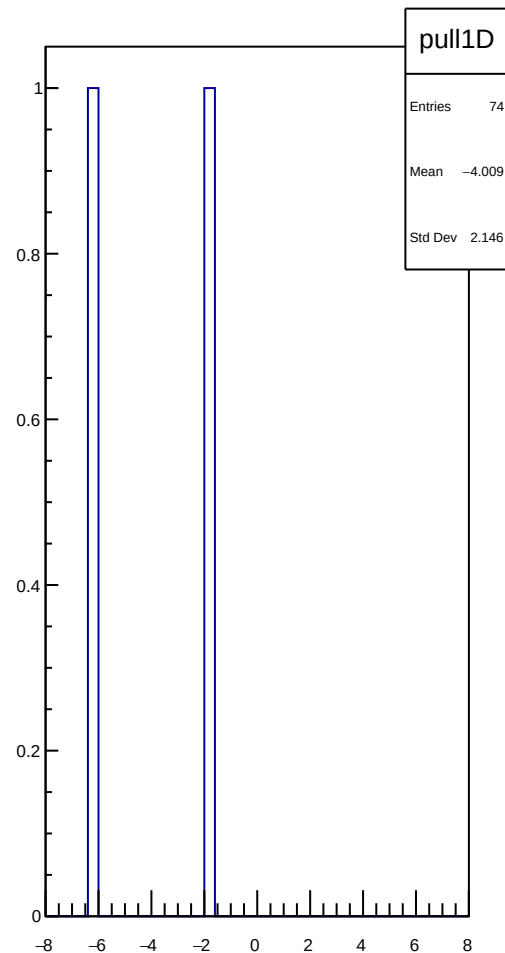
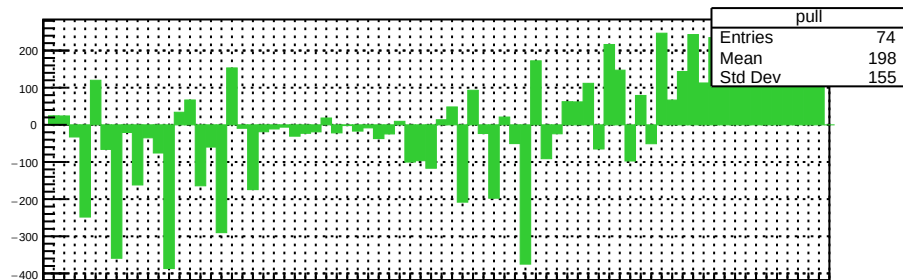
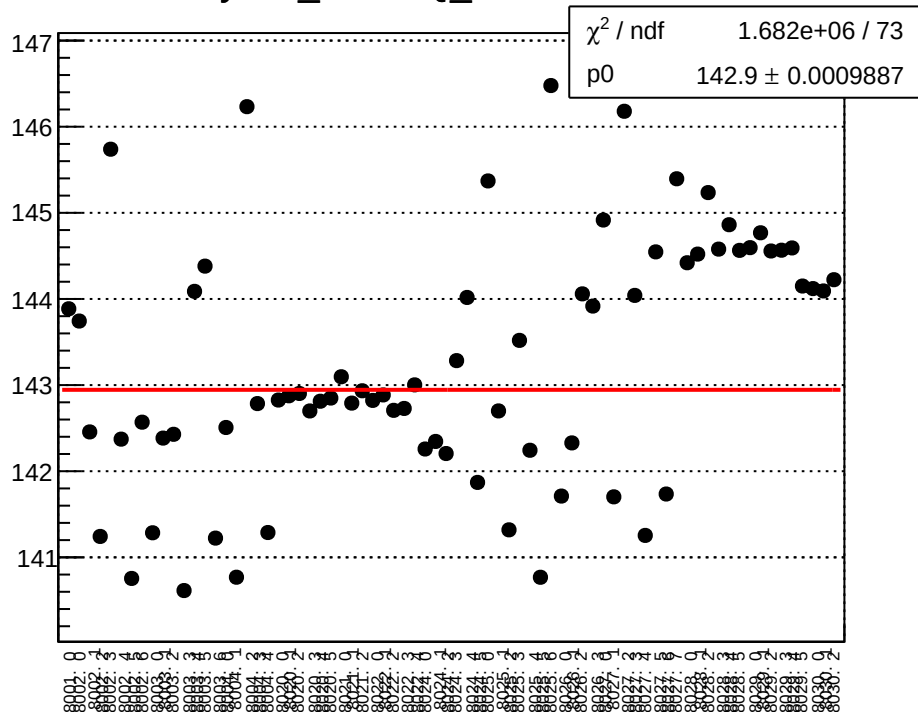
# yield\_bcm\_dg\_ds\_mean vs run



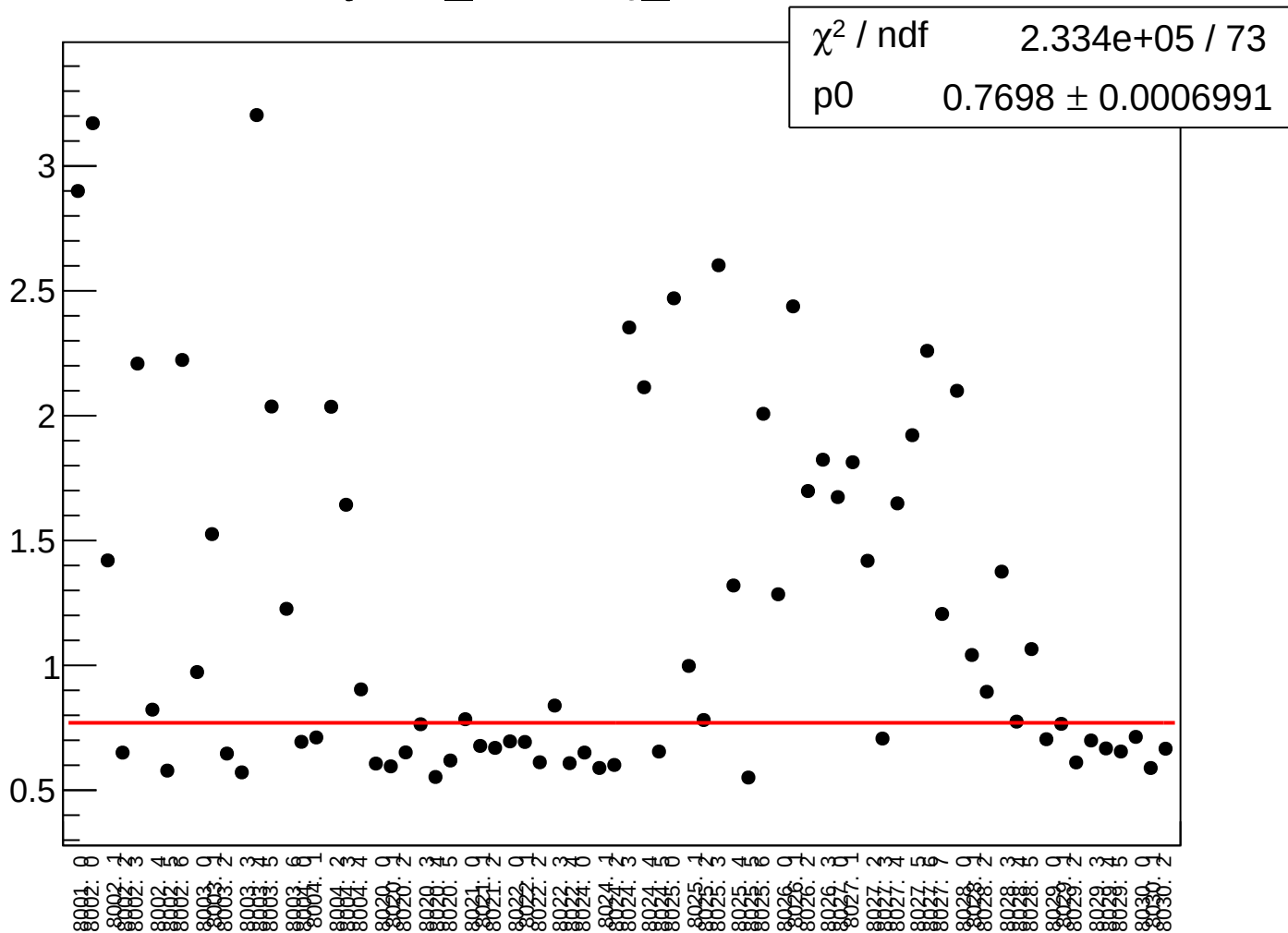
# yield\_bcm\_dg\_ds\_rms vs run



# yield\_cav4bQ\_mean vs run

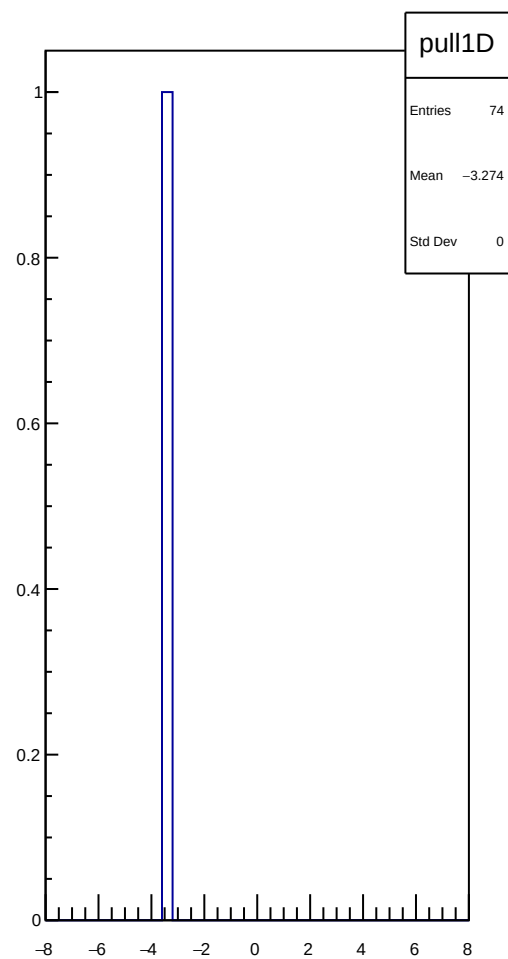
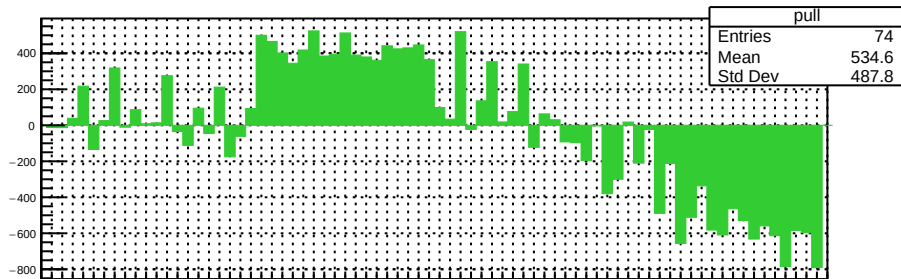
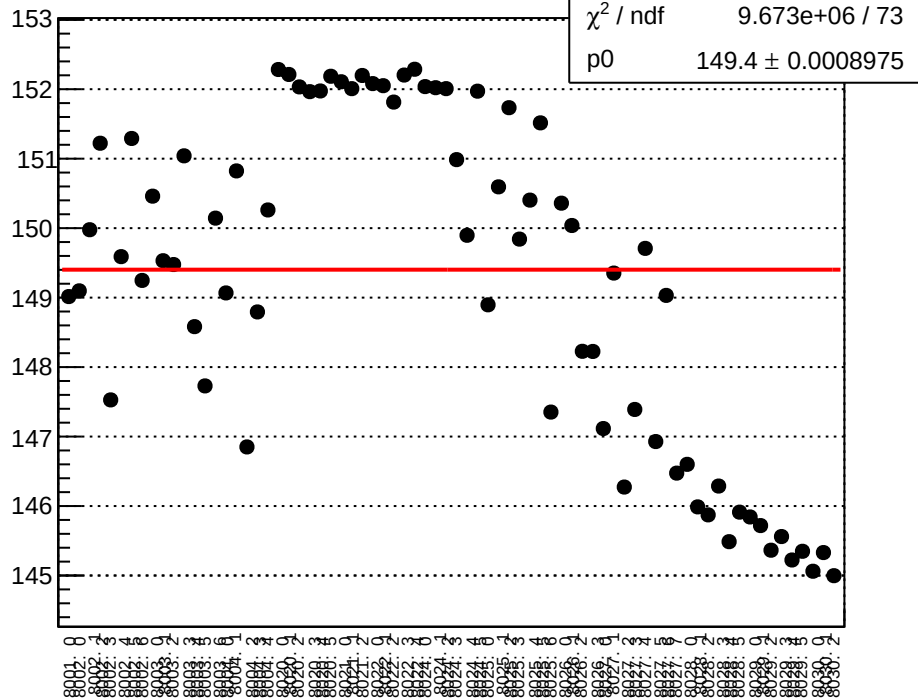


# yield\_cav4bQ\_rms vs run

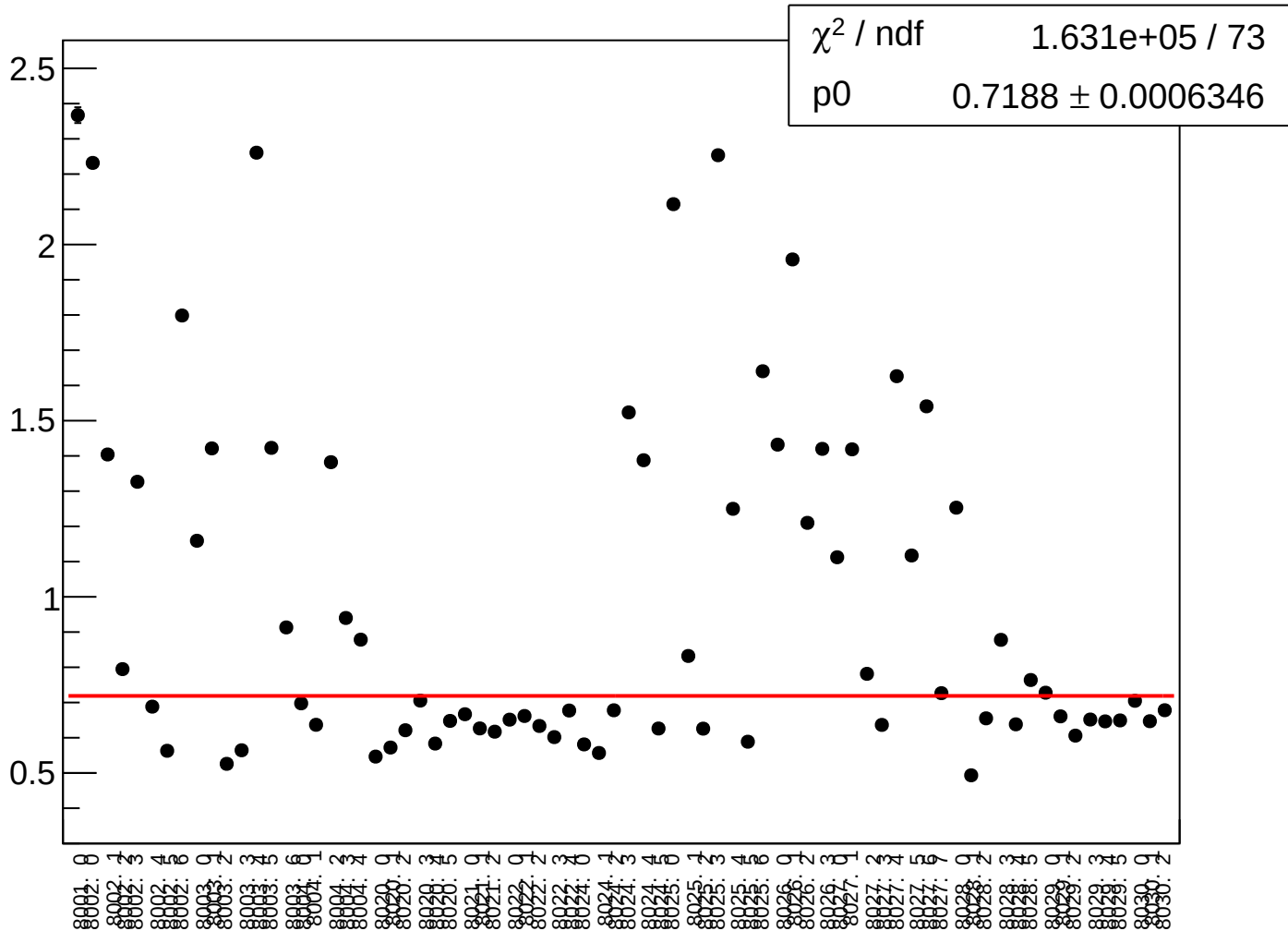




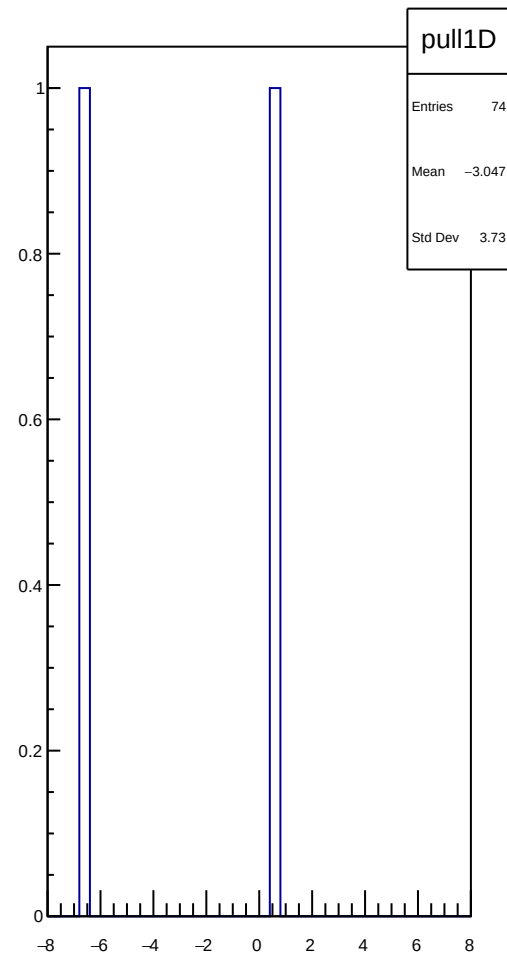
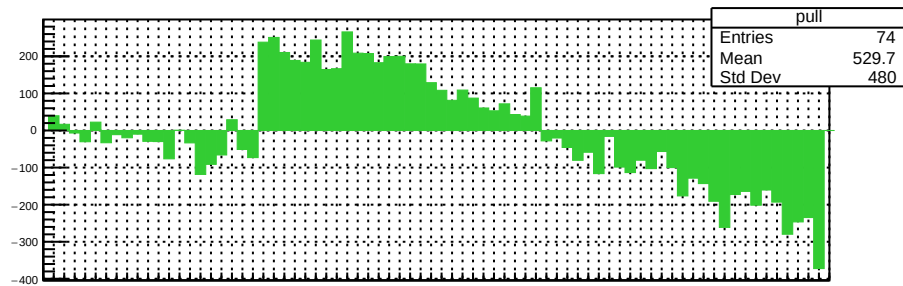
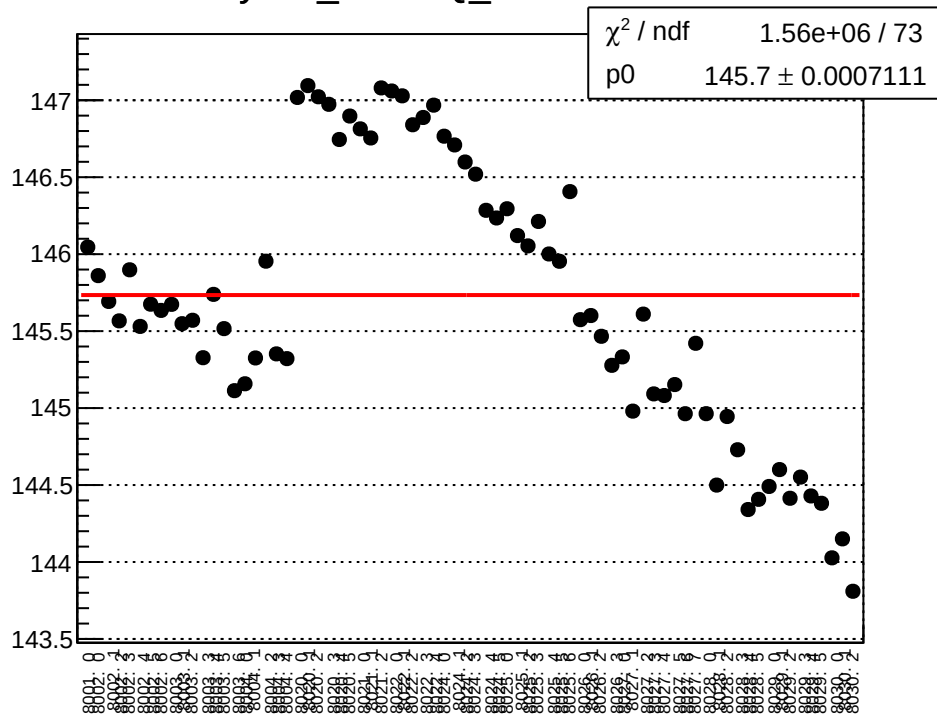
# yield\_cav4cQ\_mean vs run



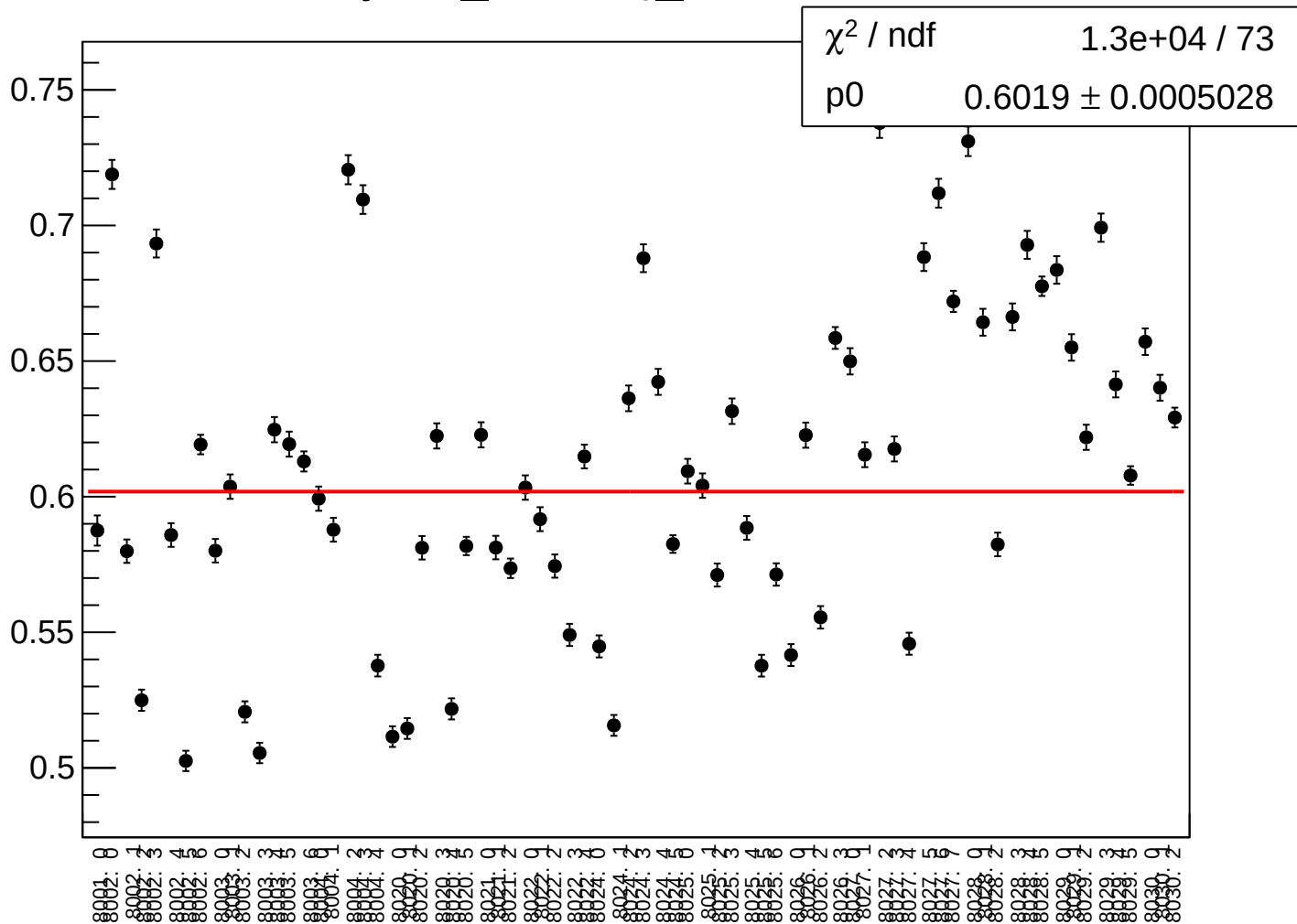
# yield\_cav4cQ\_rms vs run



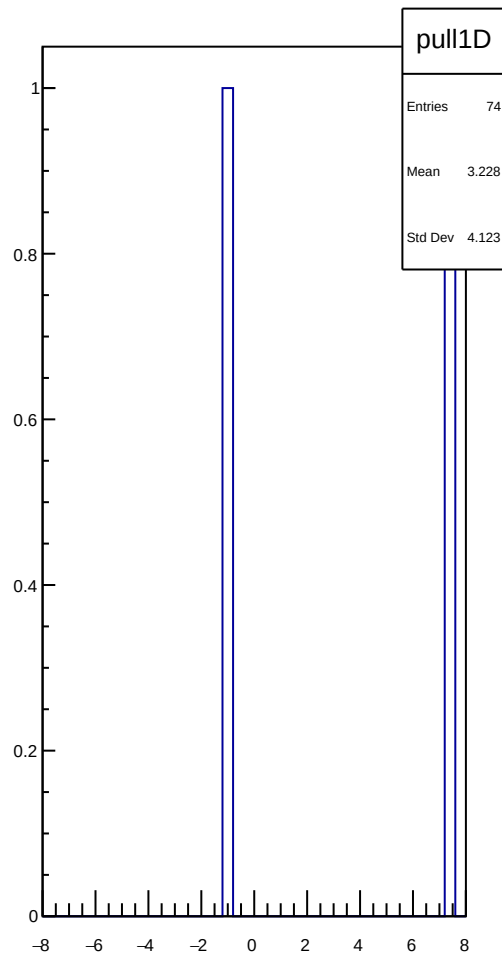
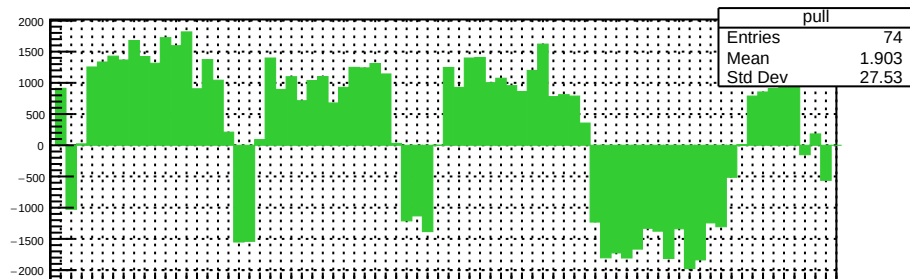
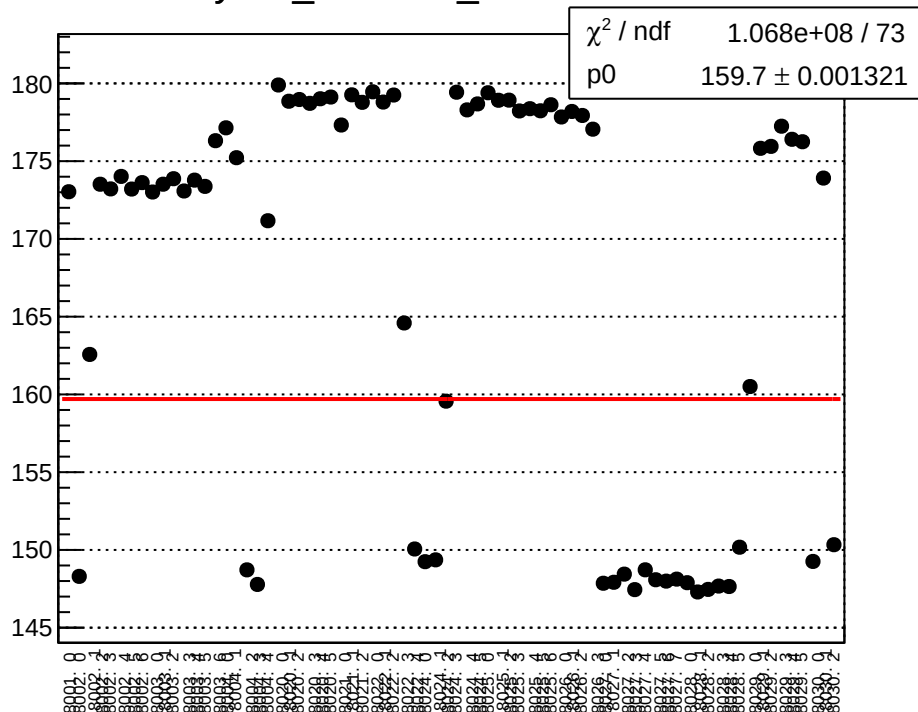
# yield\_cav4dQ\_mean vs run



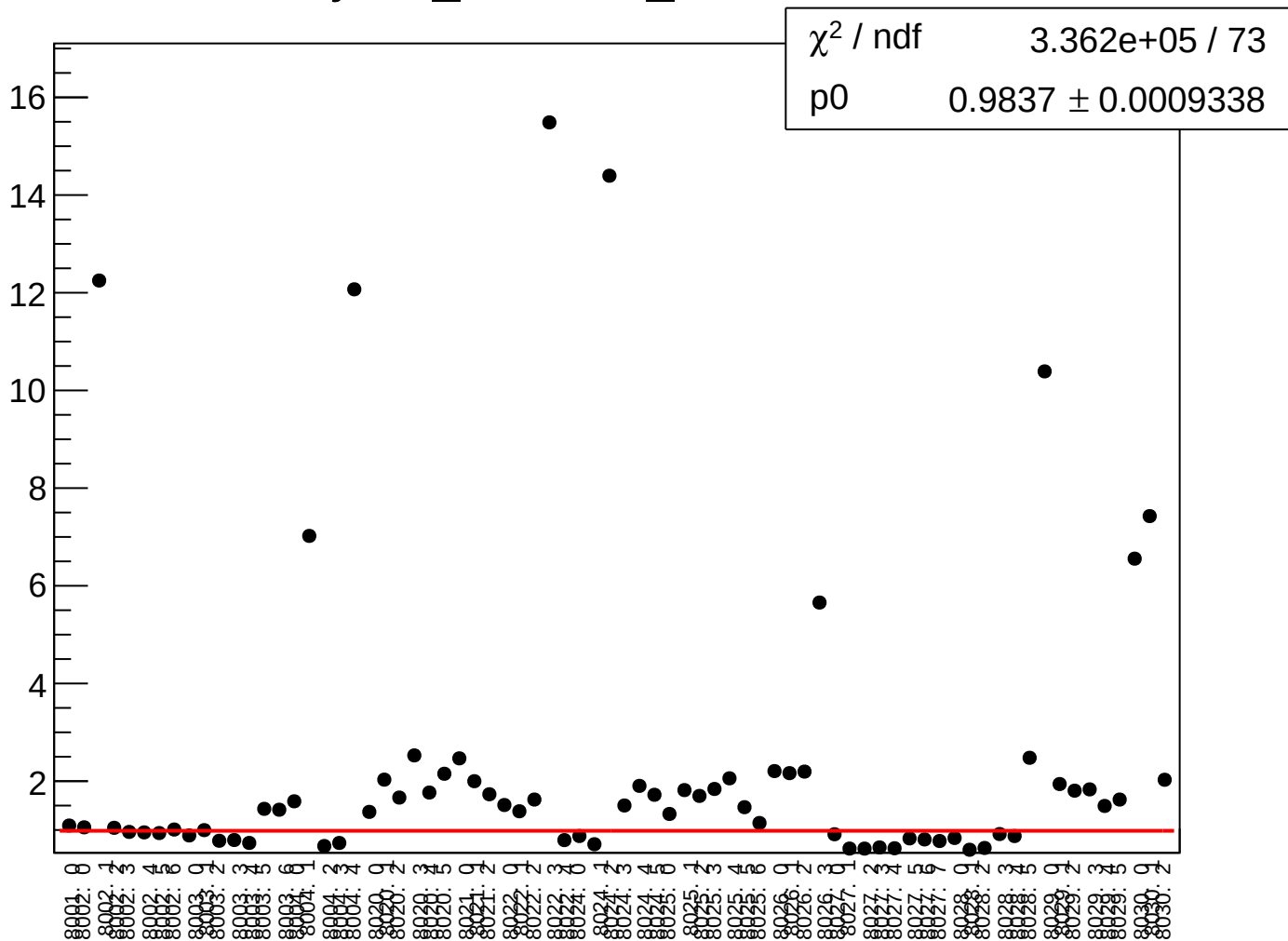
# yield\_cav4dQ\_rms vs run



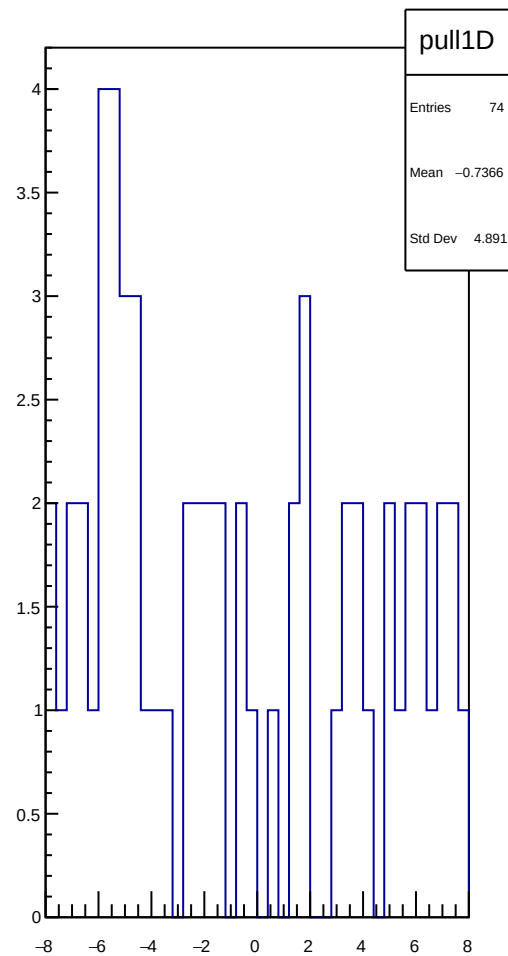
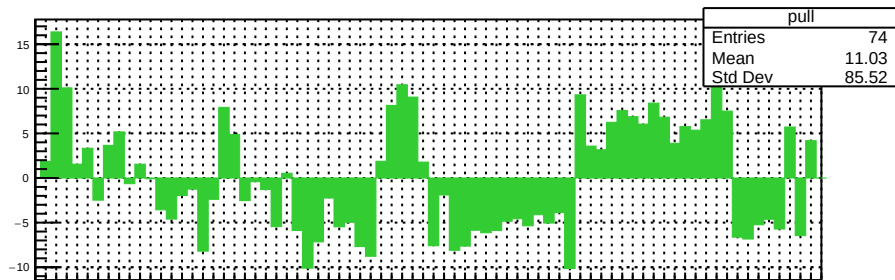
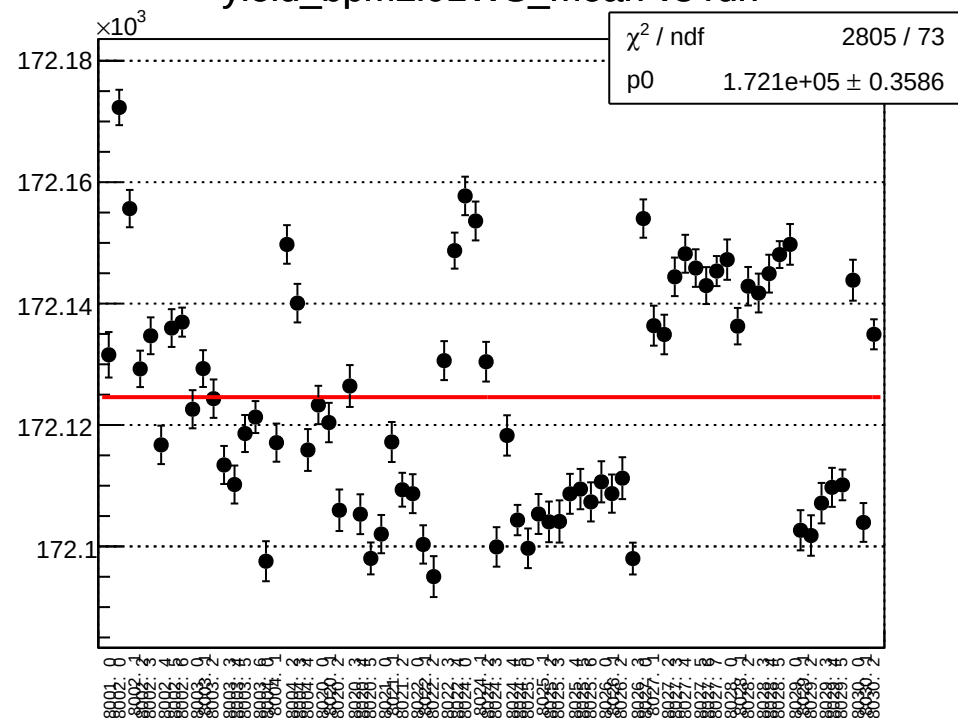
# yield\_bcm0l02\_mean vs run



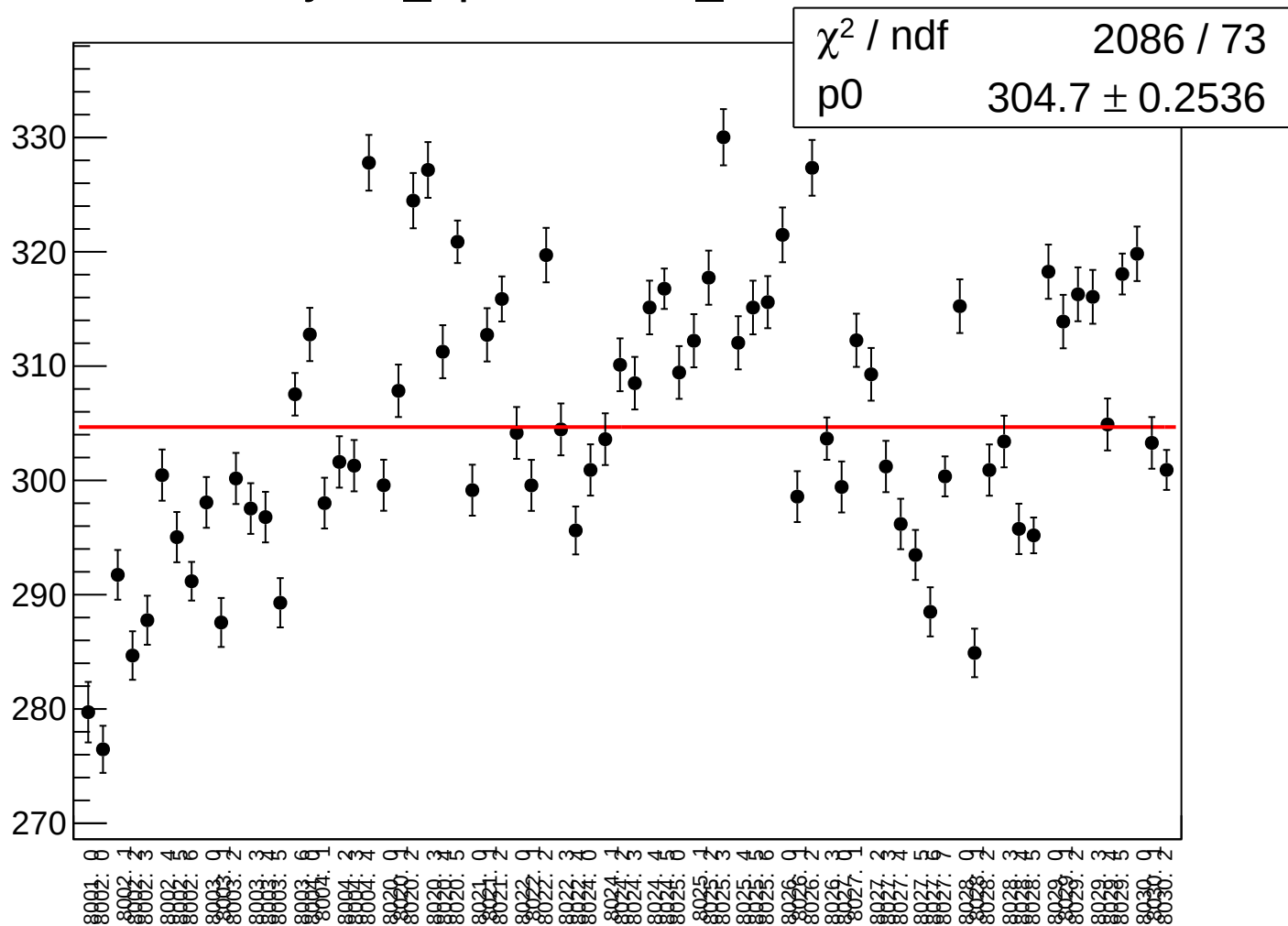
# yield\_bcm0l02\_rms vs run



# yield\_bpm2i01WS\_mean vs run

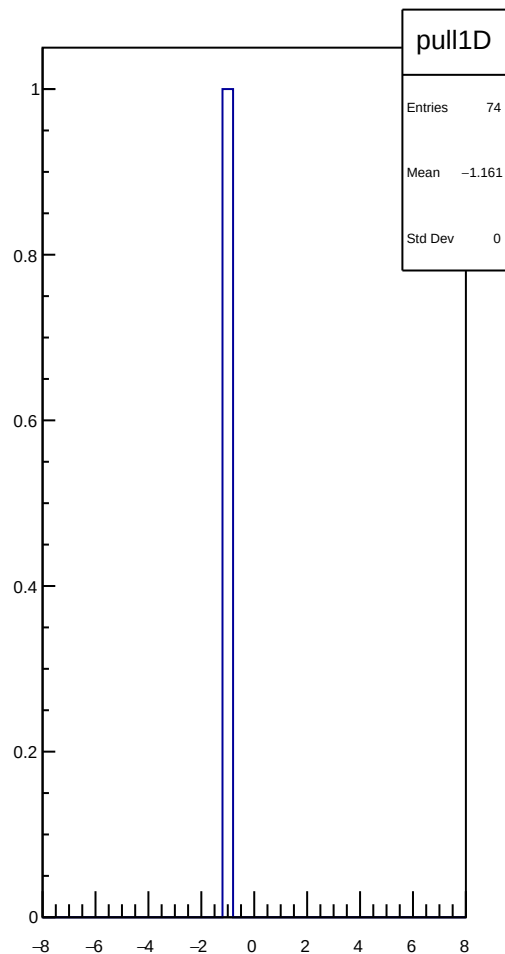
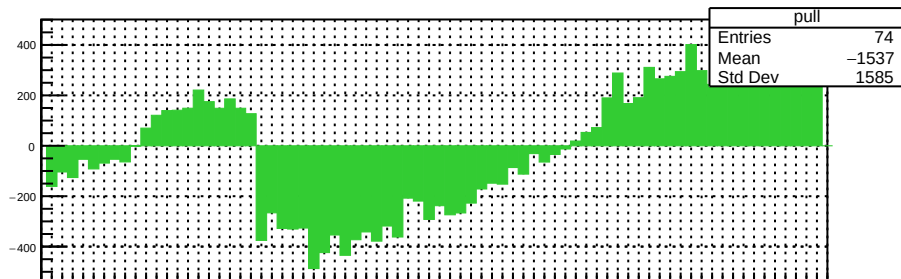
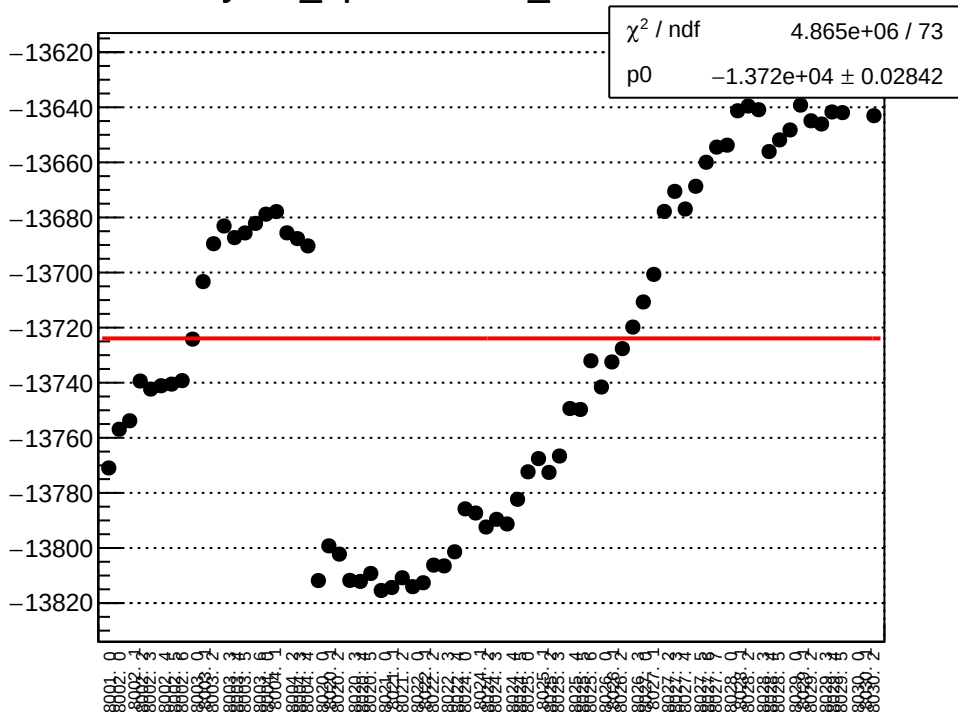


# yield\_bpm2i01WS\_rms vs run



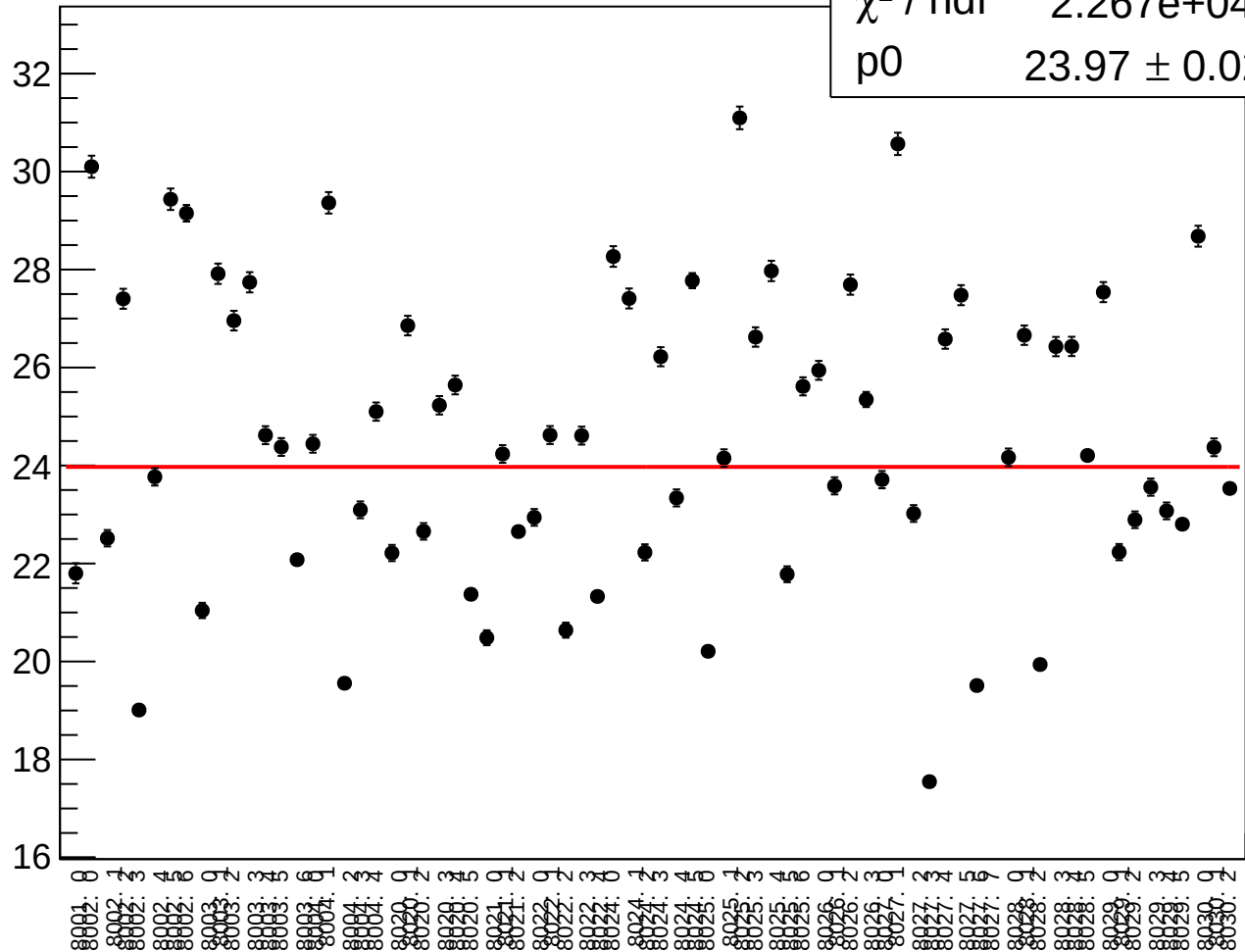


yield\_bpm0i07WS\_mean vs run

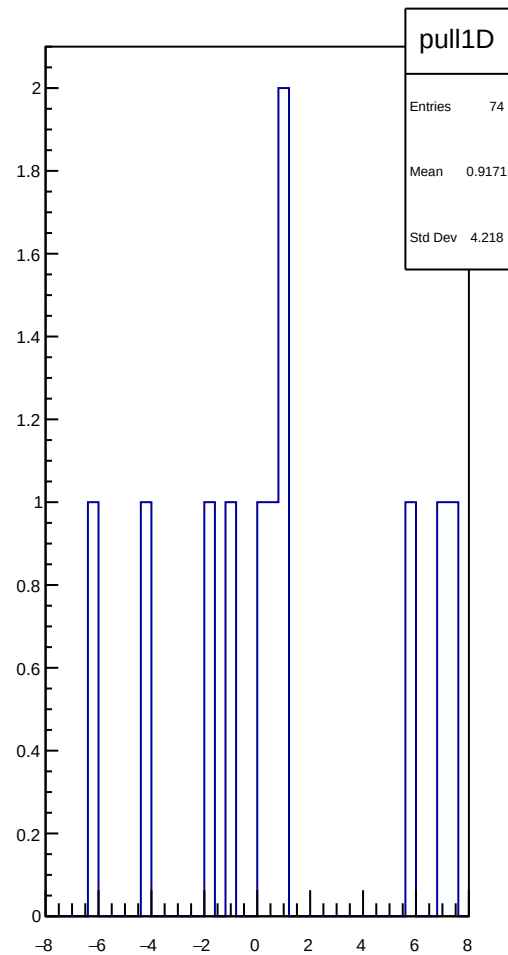
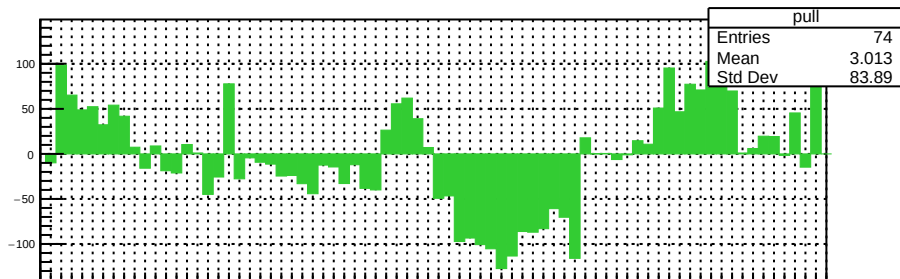
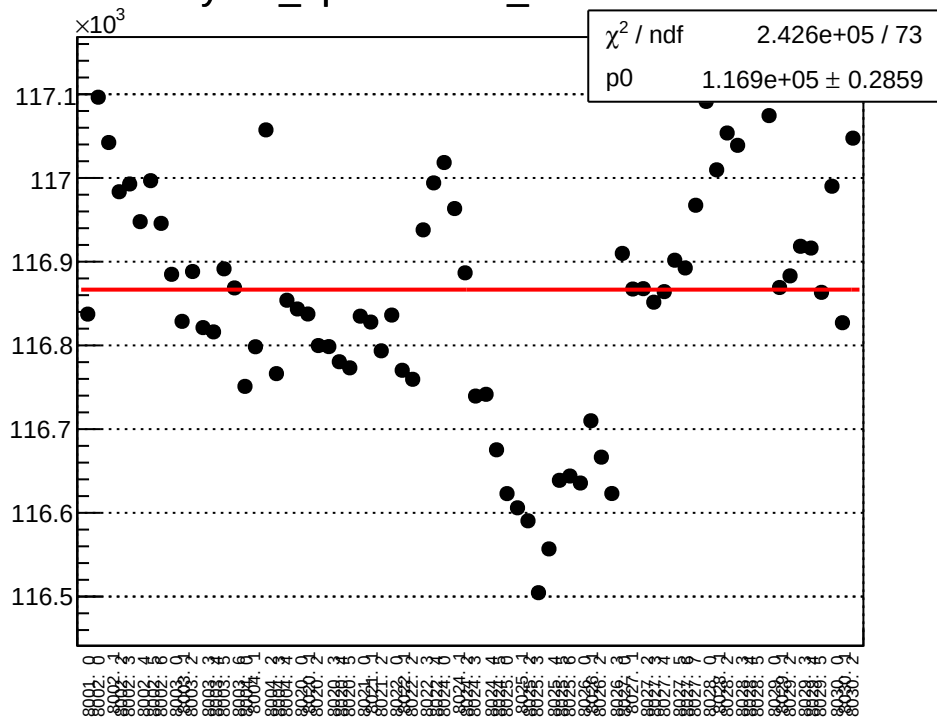


# yield\_bpm0i07WS\_rms vs run

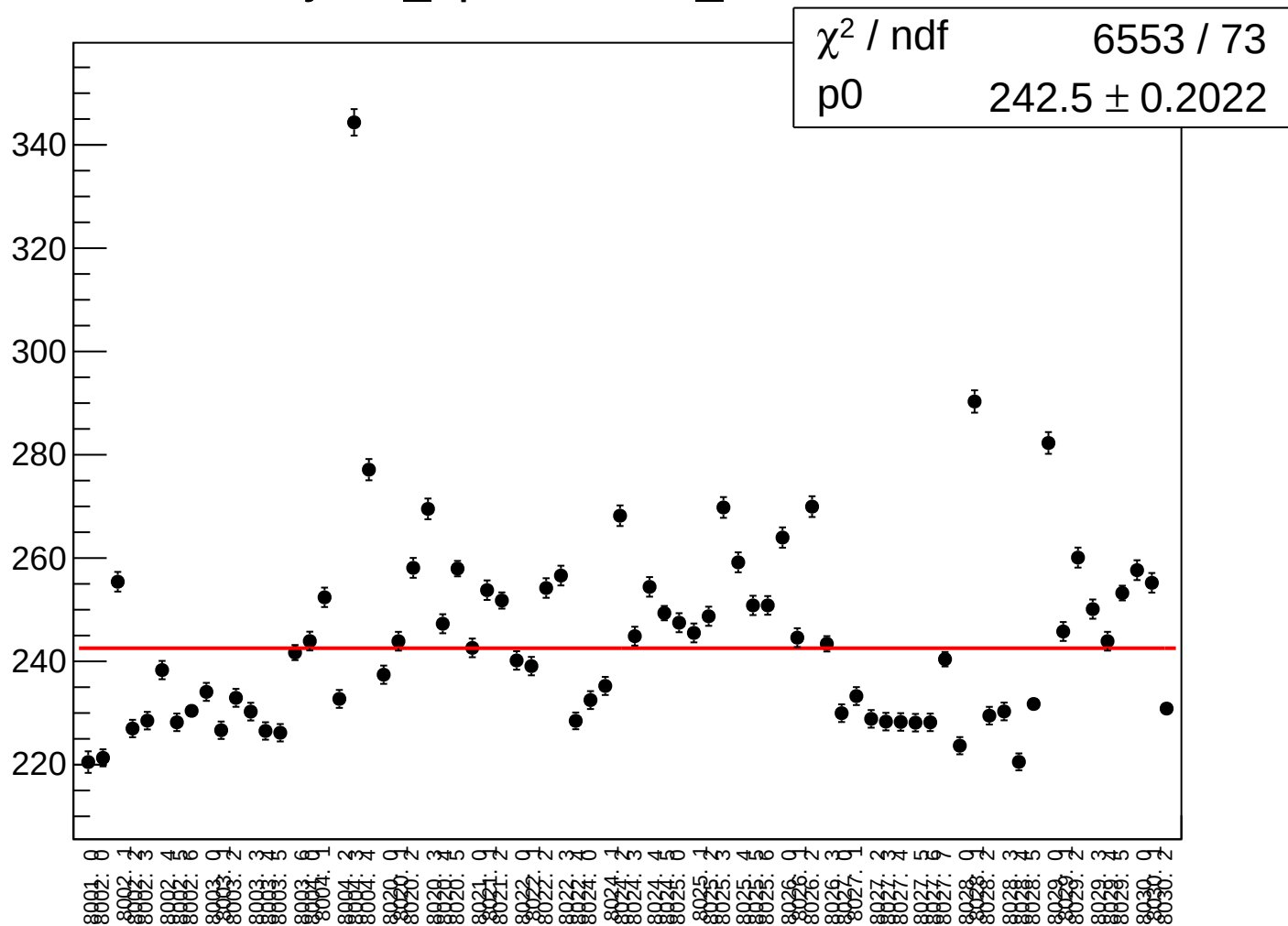
$\chi^2 / \text{ndf}$  2.267e+04 / 73  
p0 23.97  $\pm$  0.02009



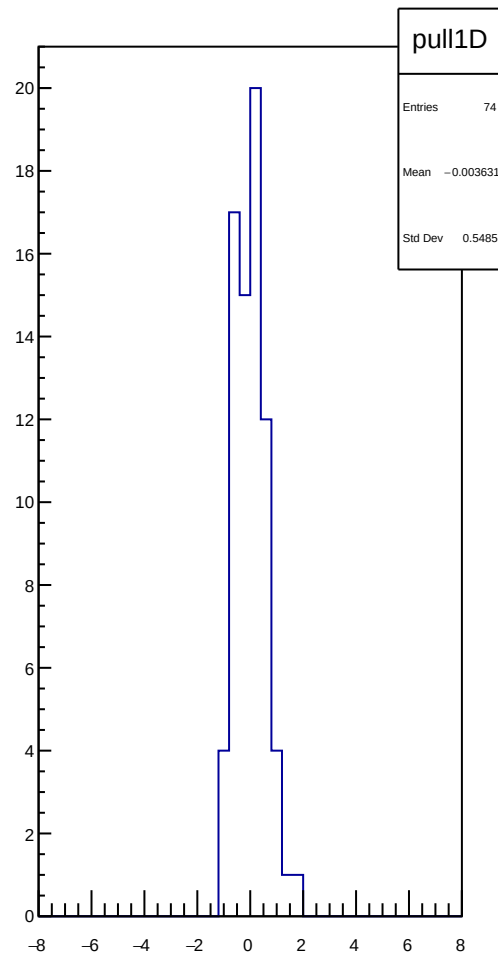
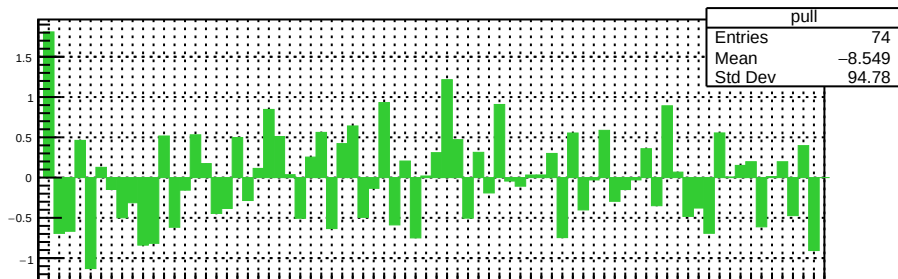
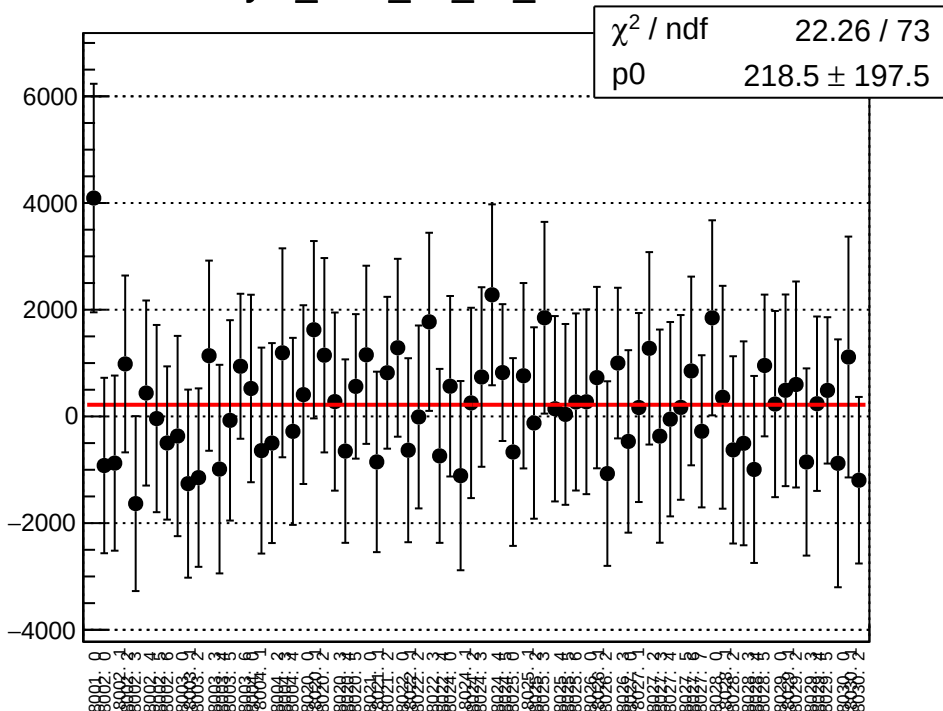
# yield\_bpm0l01WS\_mean vs run



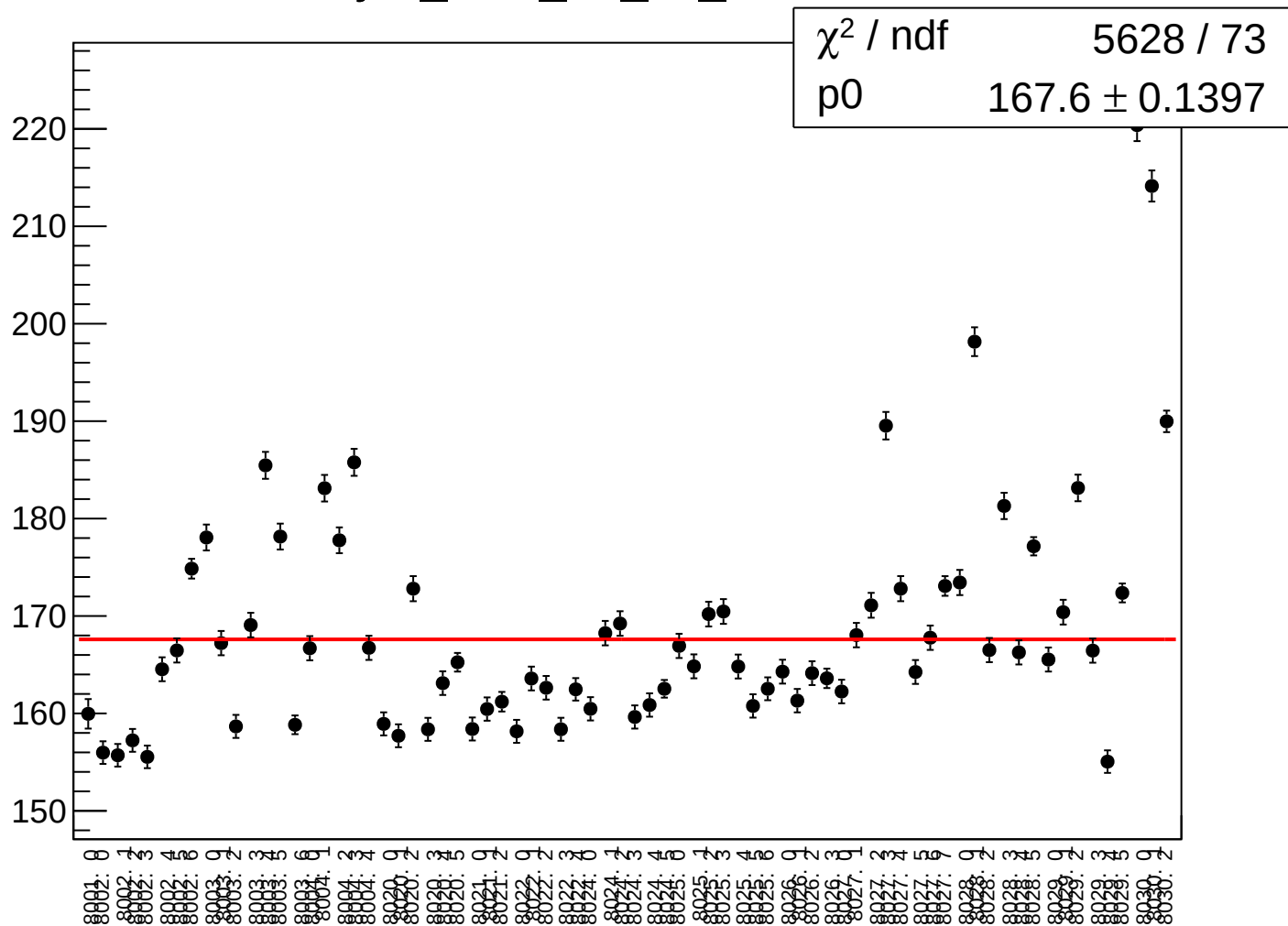
# yield\_bpm0l01WS\_rms vs run



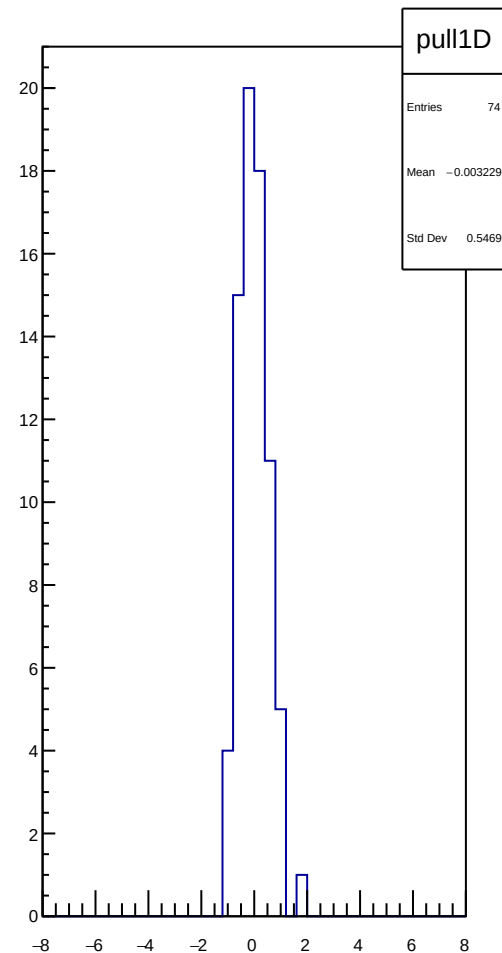
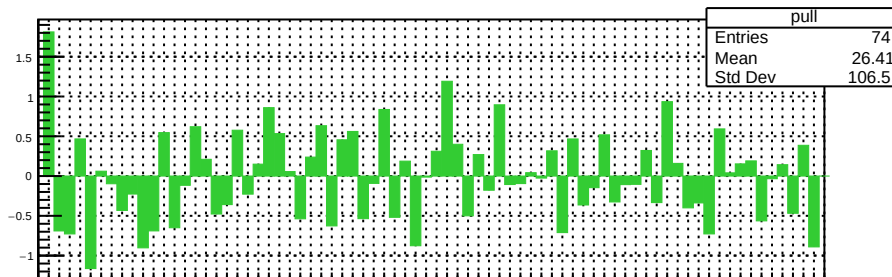
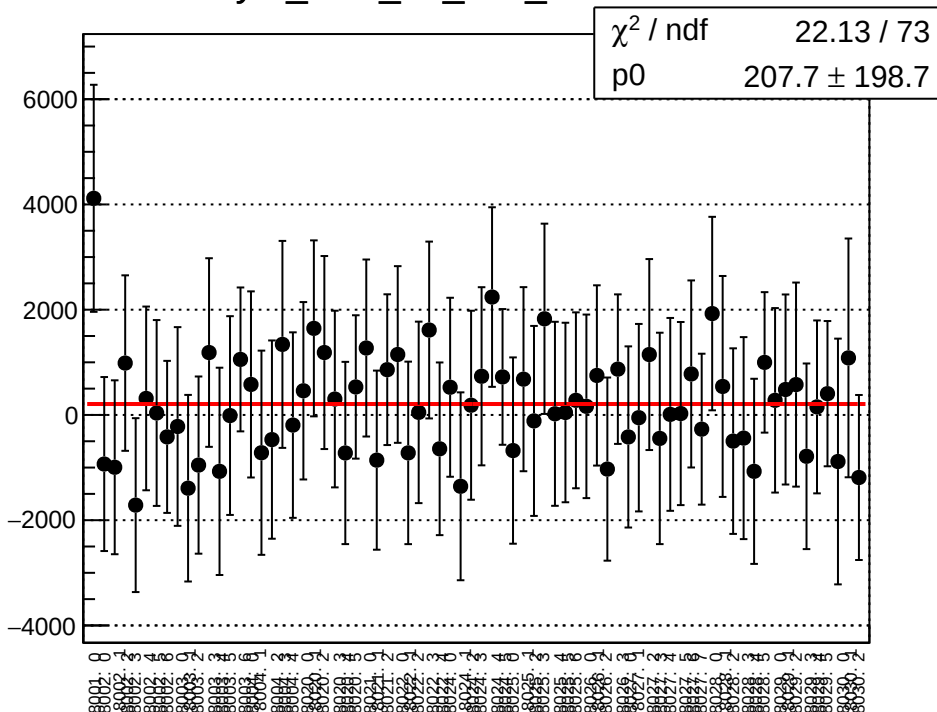
# asym\_bcm\_an\_ds\_mean vs run



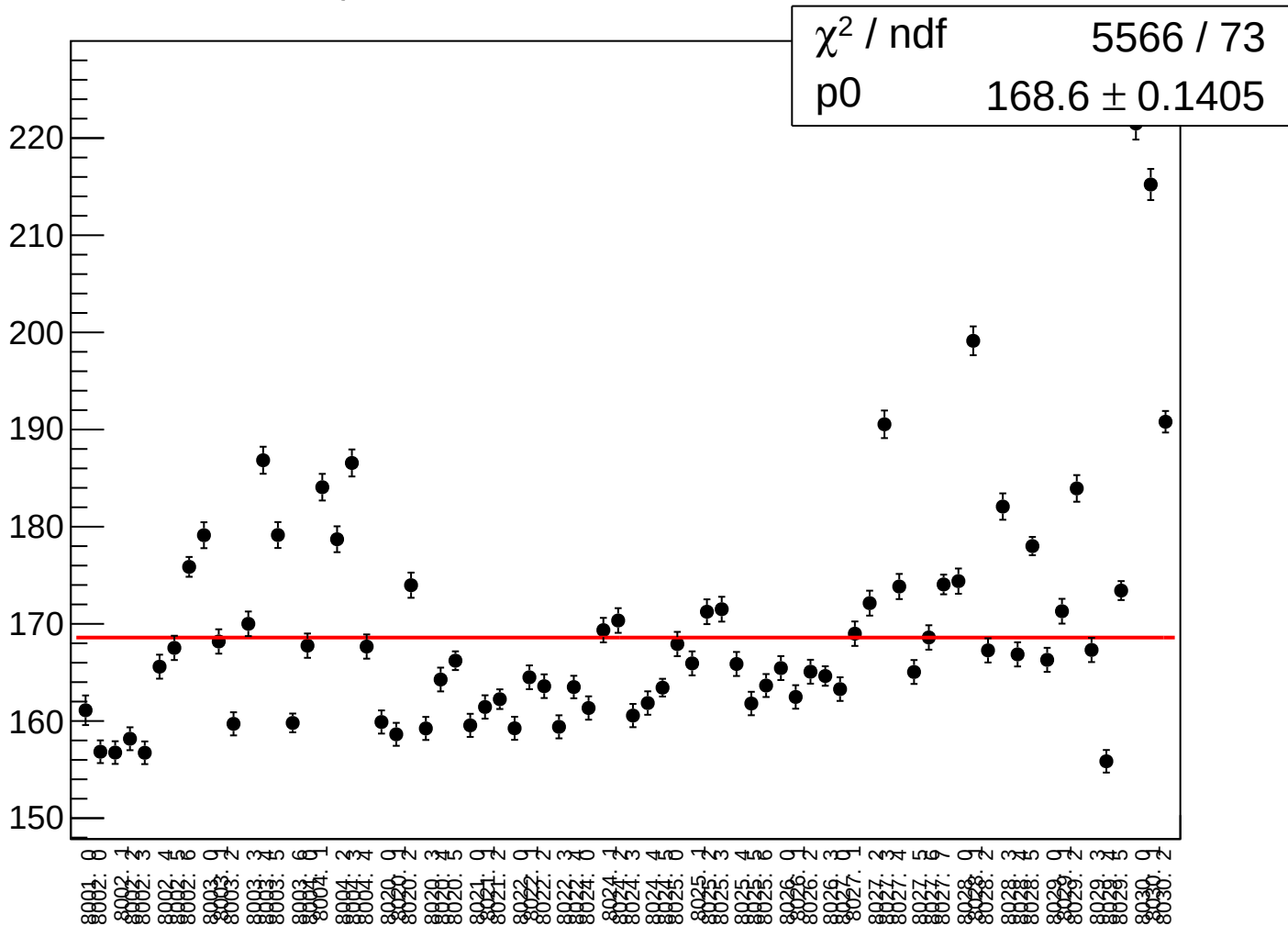
# asym\_bcm\_an\_ds\_rms vs run



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

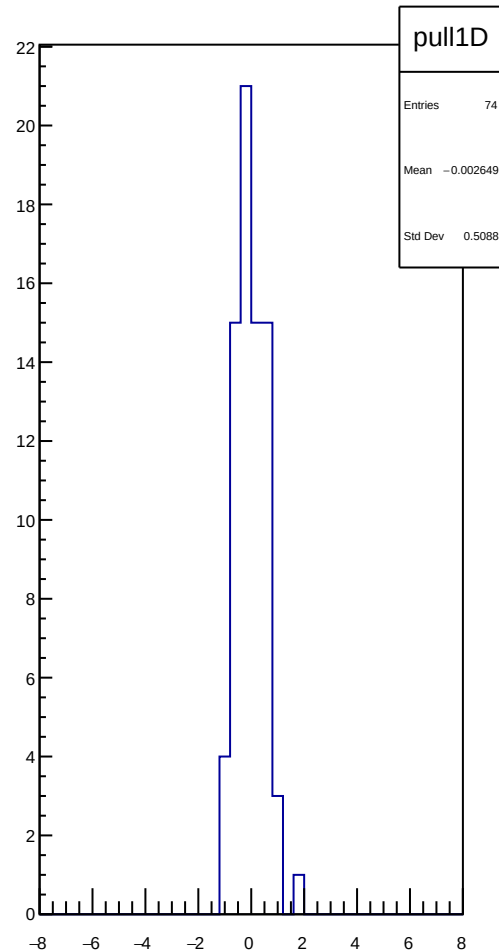
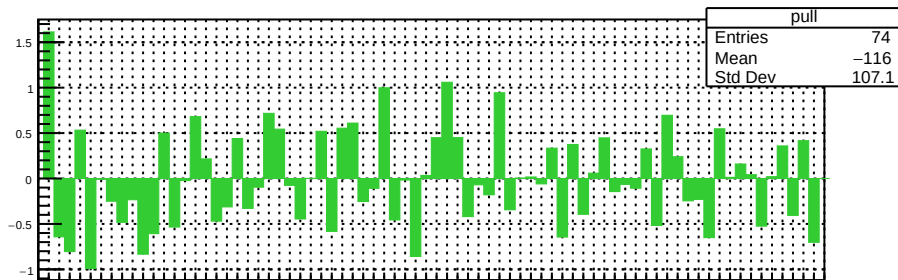
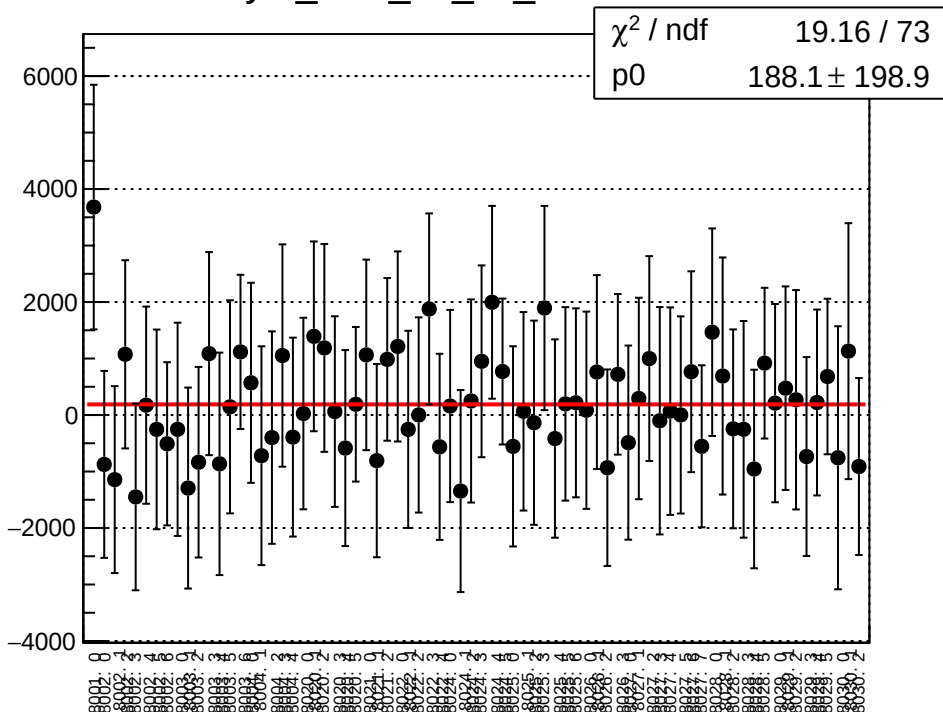


# asym\_bcm\_an\_ds3\_rms vs run

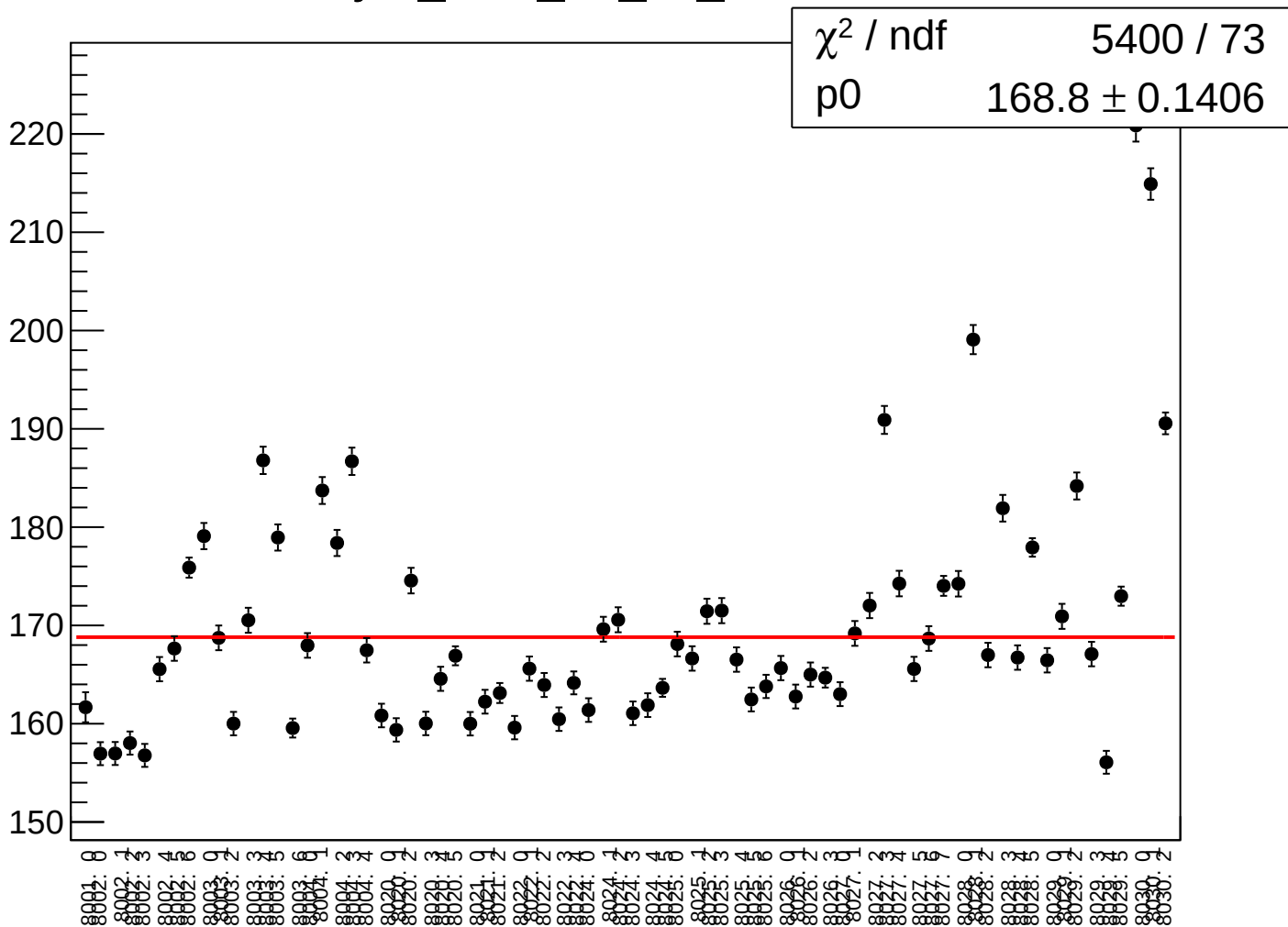




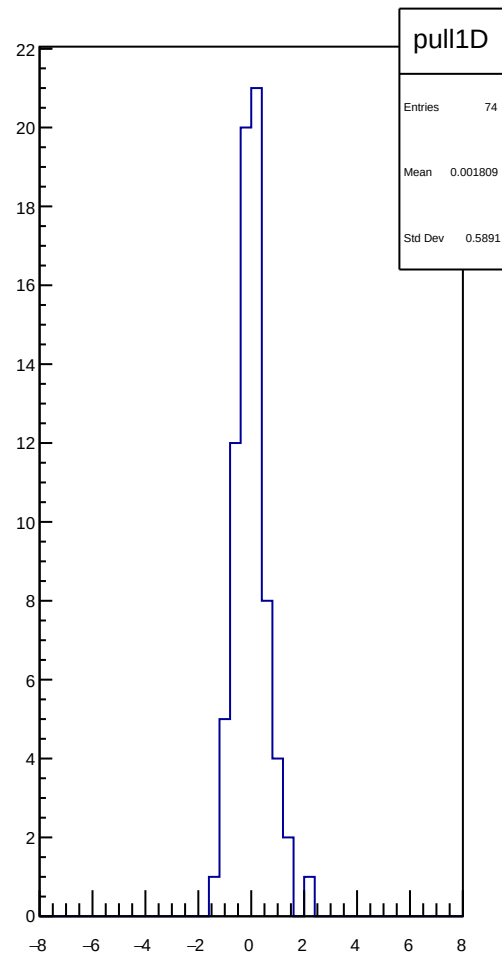
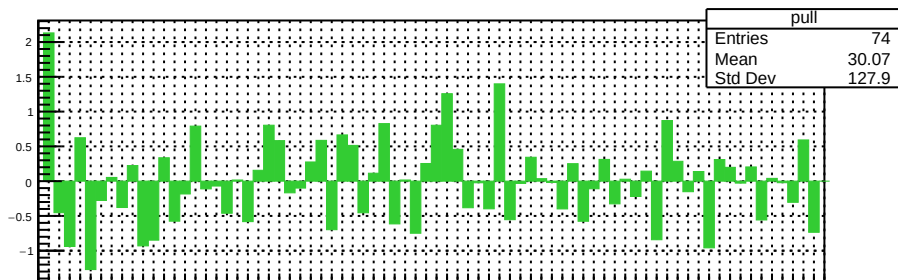
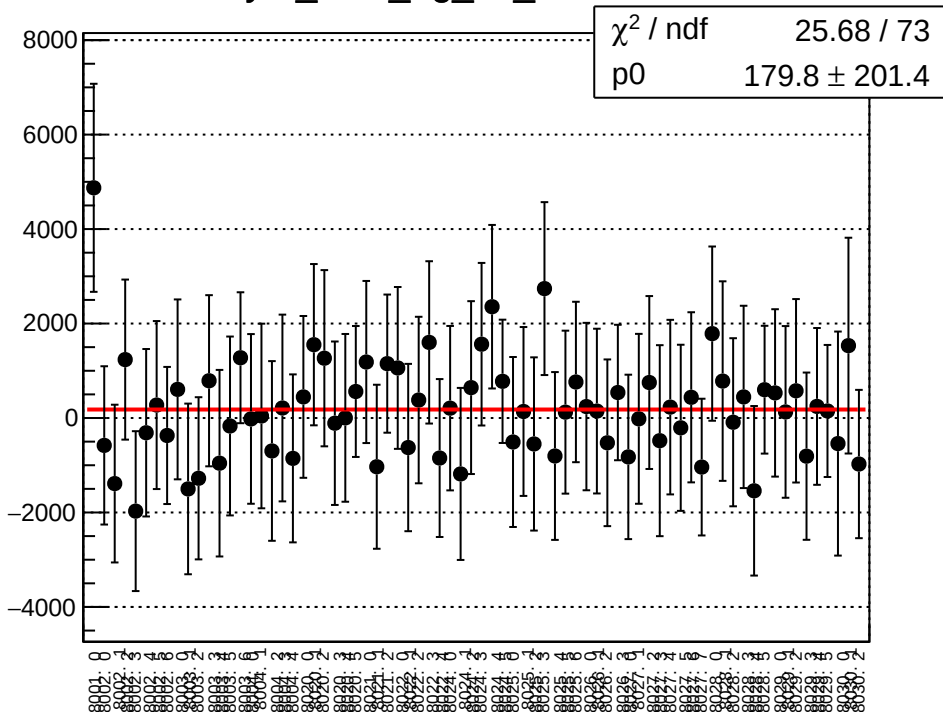
# asym\_bcm\_an\_us\_mean vs run



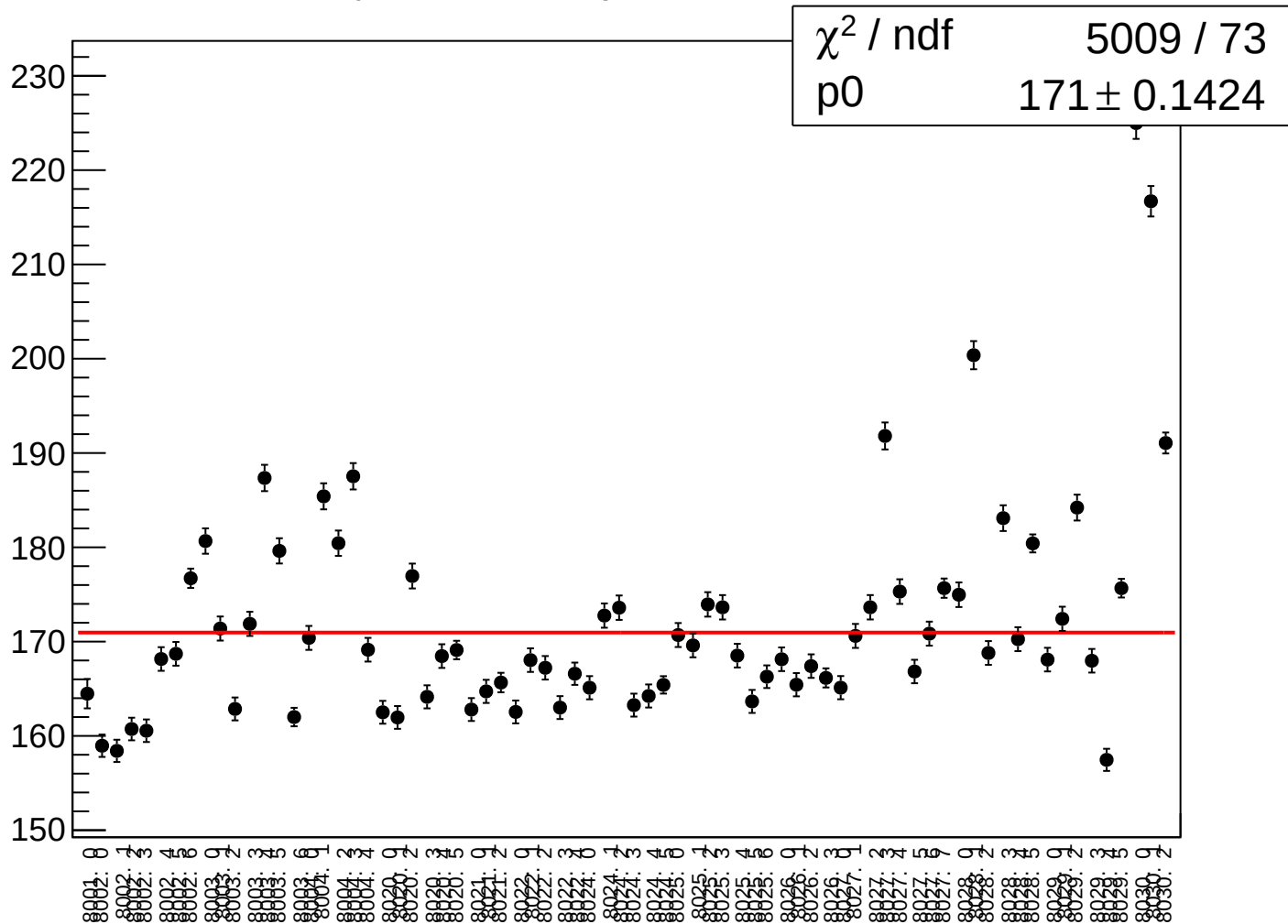
# asym\_bcm\_an\_us\_rms vs run



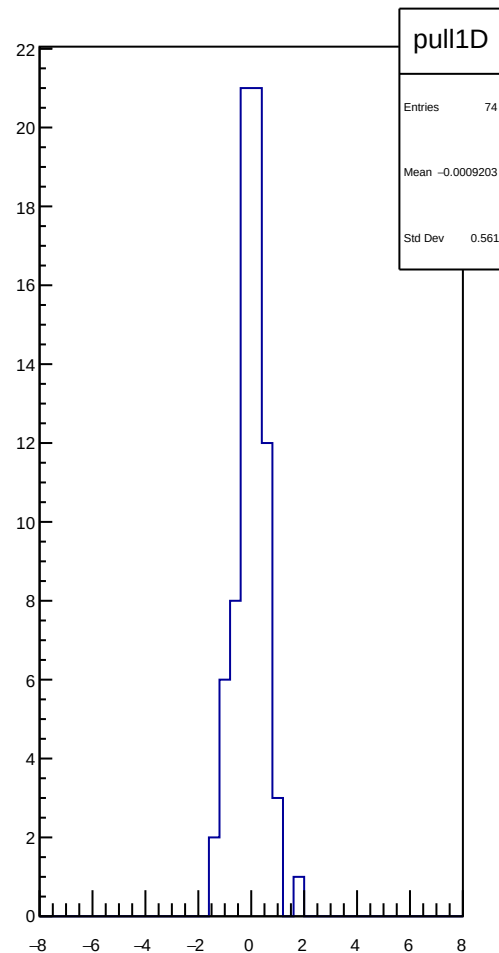
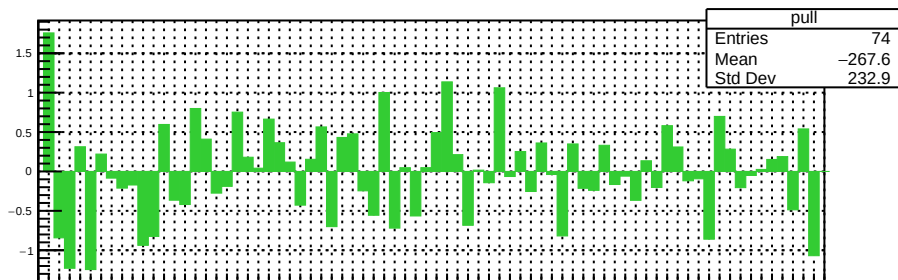
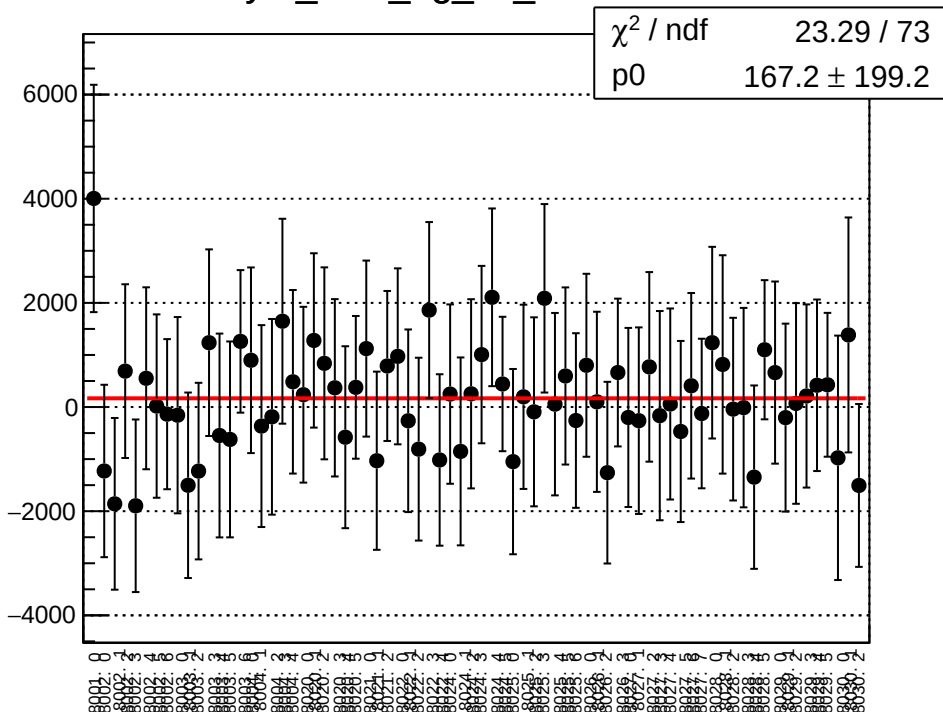
# asym\_bcm\_dg\_us\_mean vs run



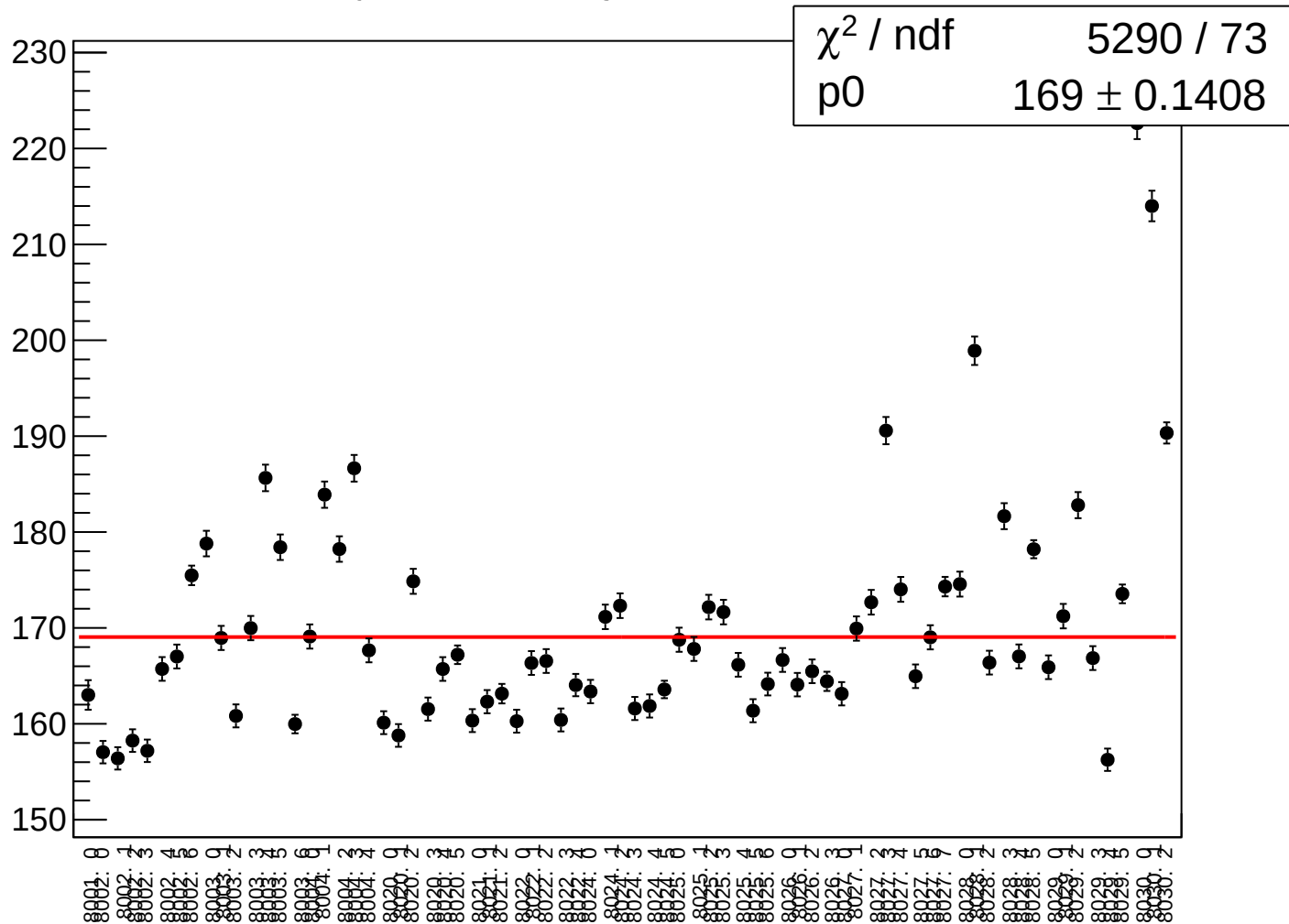
# asym\_bcm\_dg\_us\_rms vs run



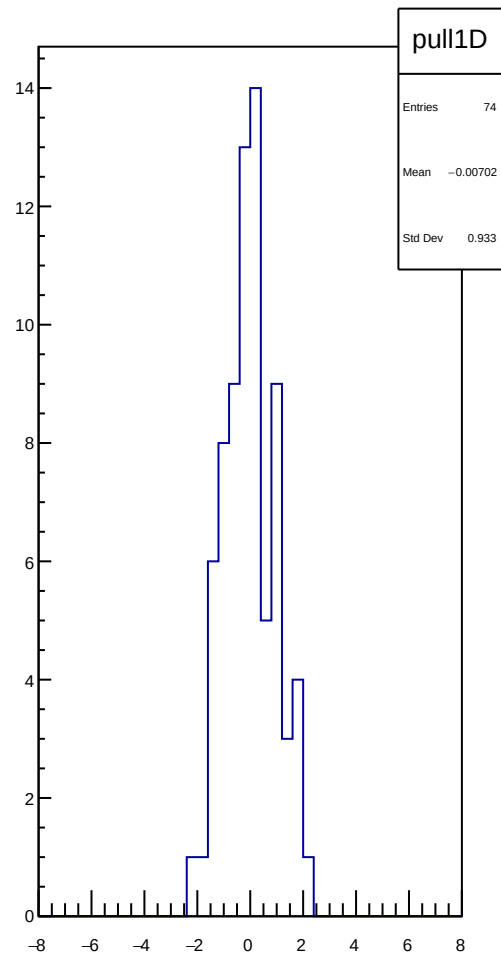
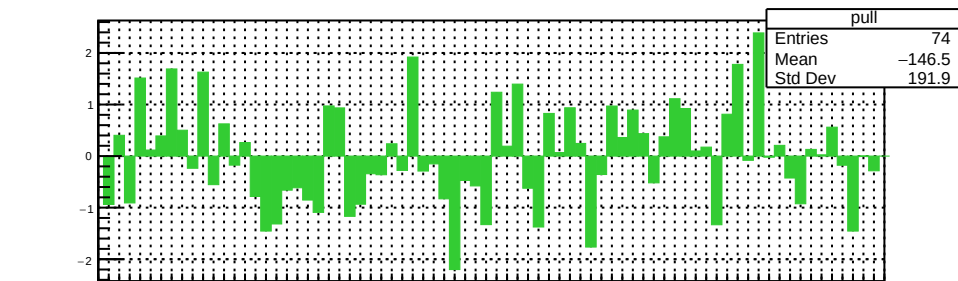
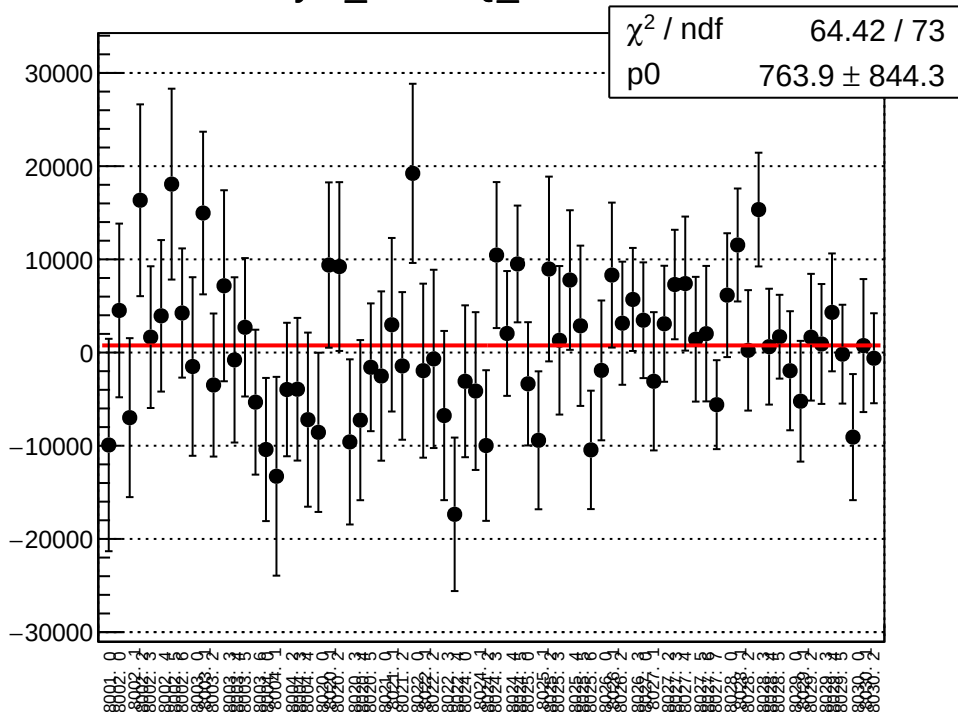
# asym\_bcm\_dg\_ds\_mean vs run



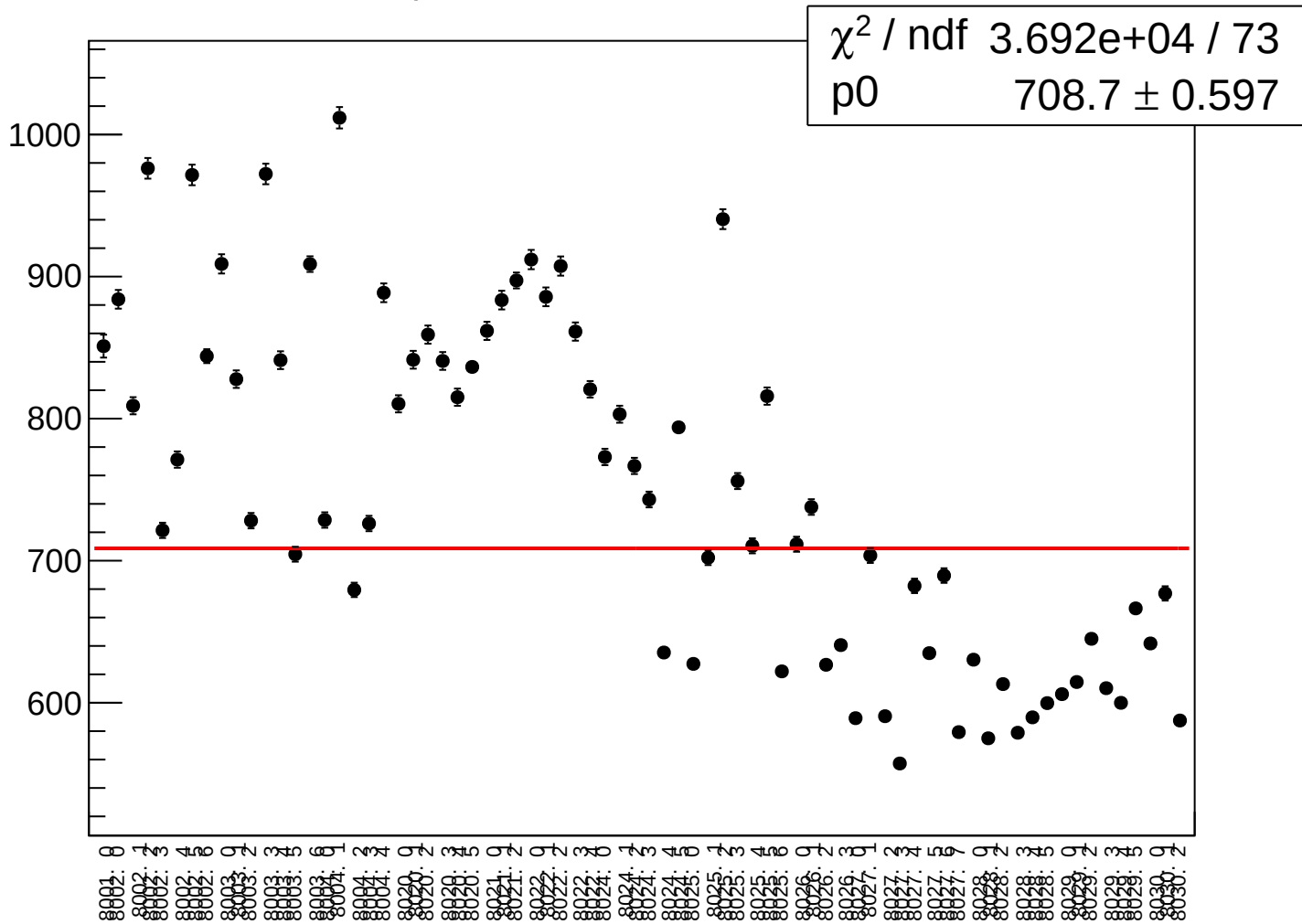
# asym\_bcm\_dg\_ds\_rms vs run



# asym\_cav4bQ\_mean vs run

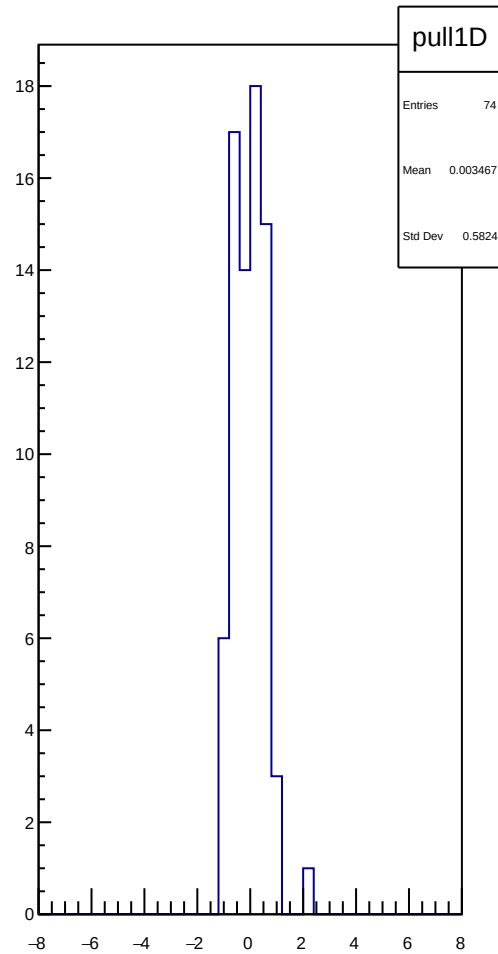
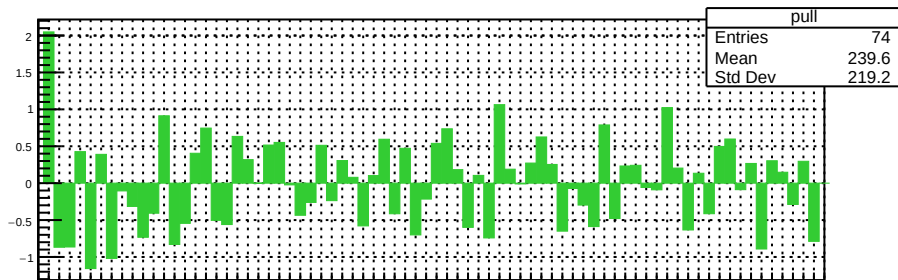
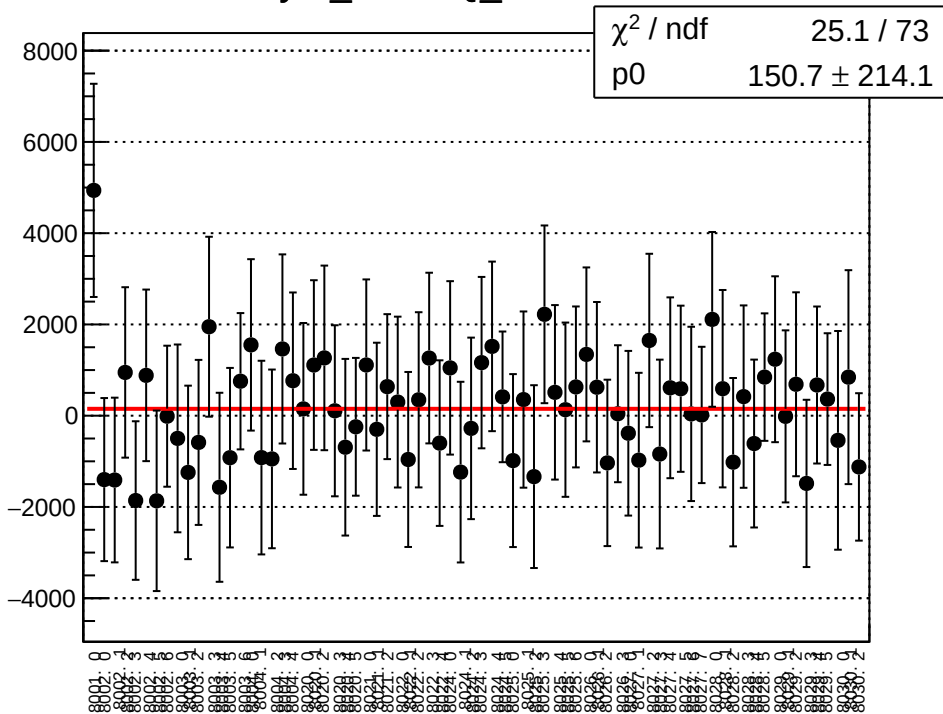


asym\_cav4bQ\_rms vs run

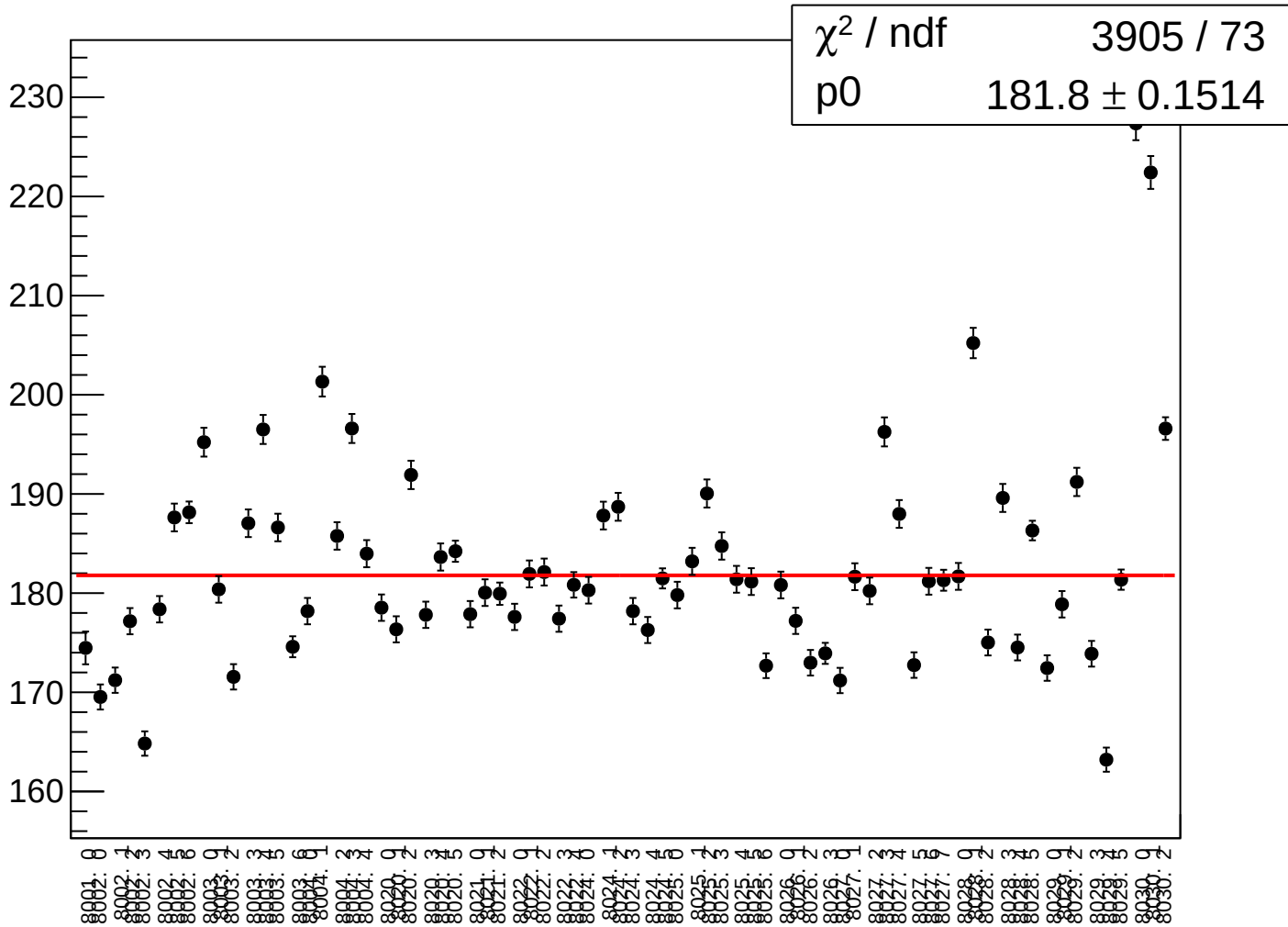




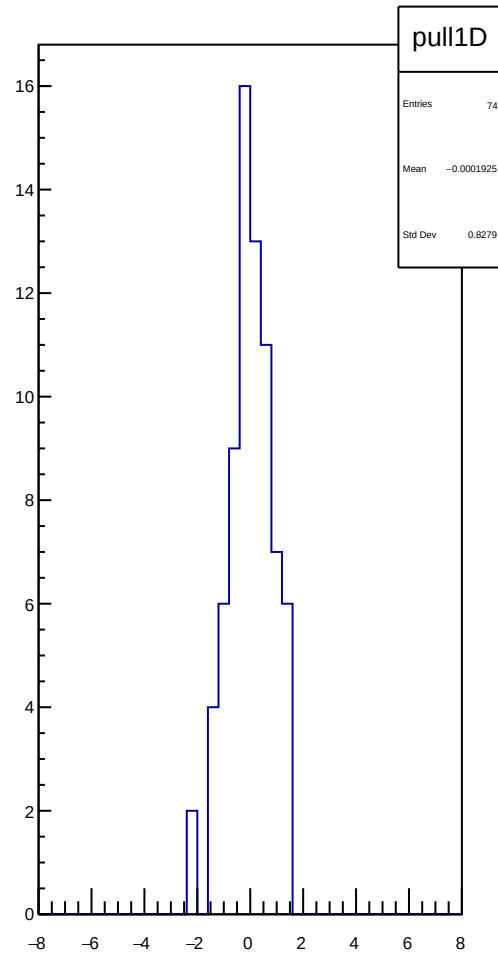
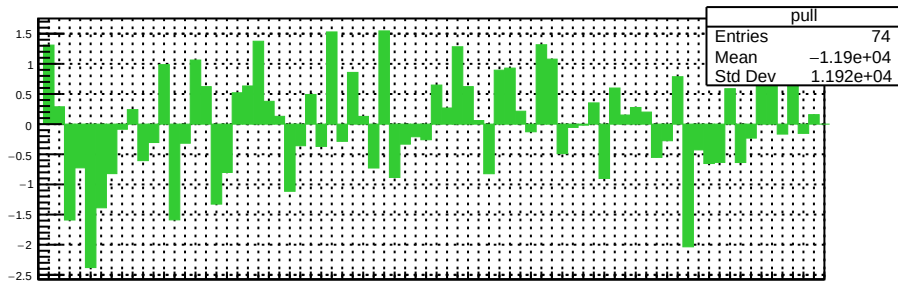
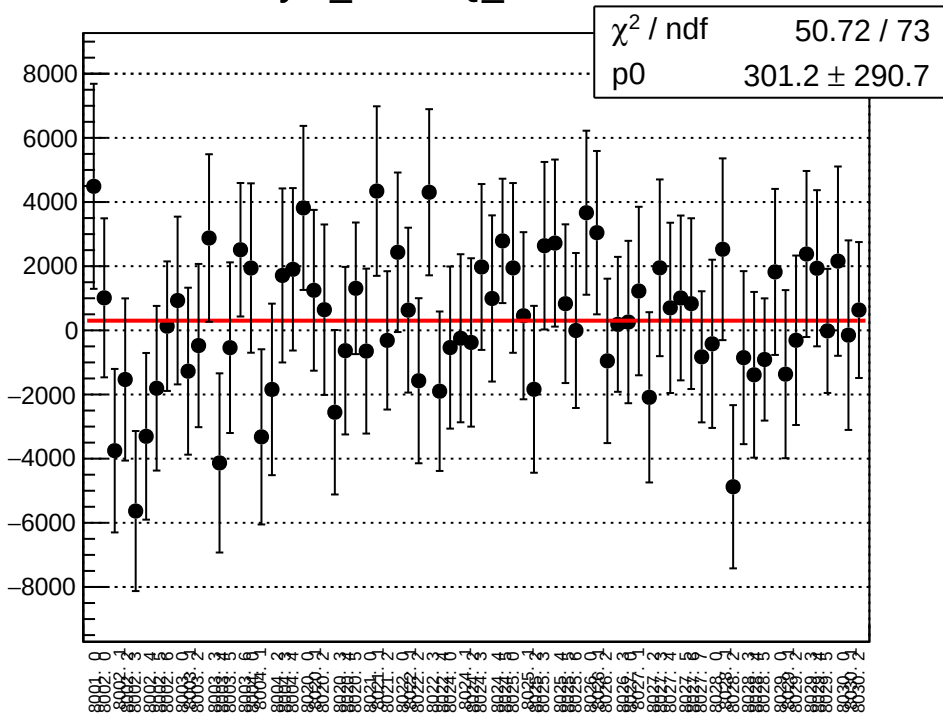
# asym\_cav4cQ\_mean vs run



# asym\_cav4cQ\_rms vs run



asym\_cav4dQ\_mean vs run



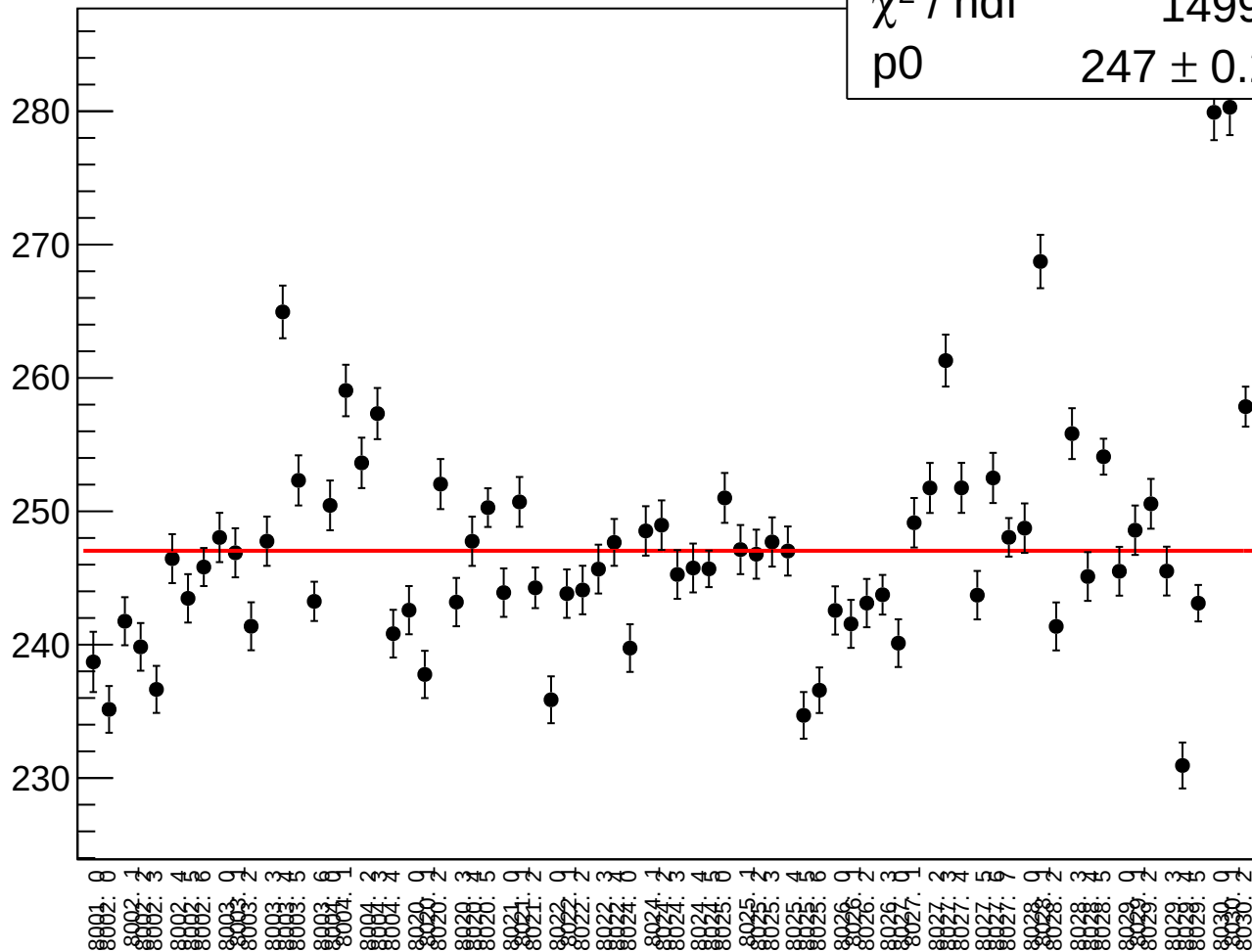
# asym\_cav4dQ\_rms vs run

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

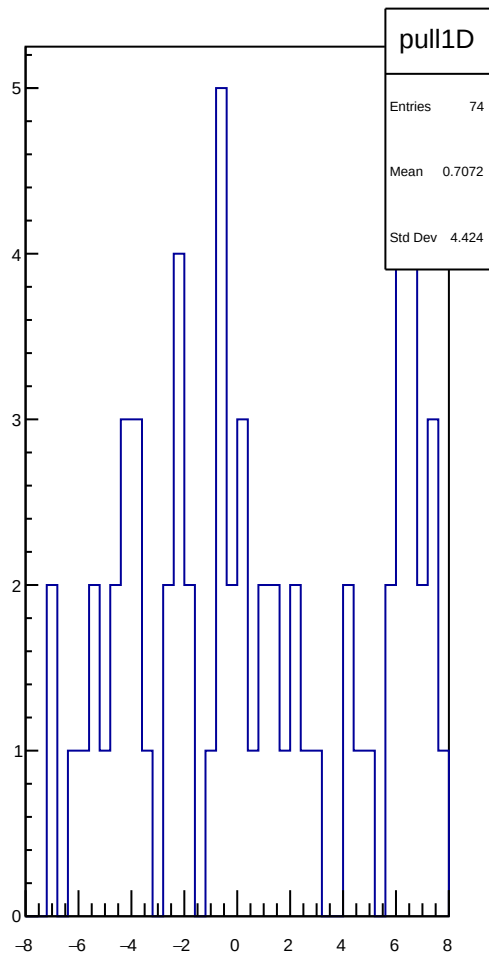
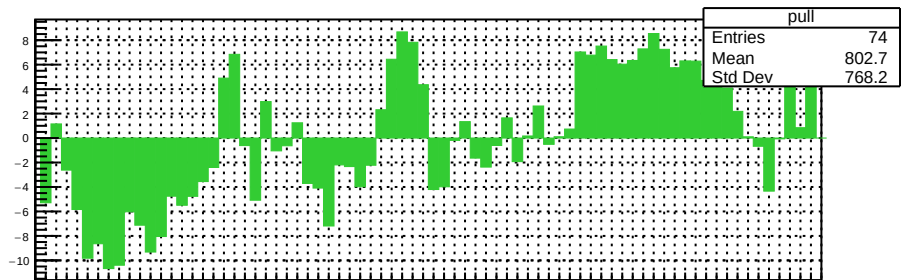
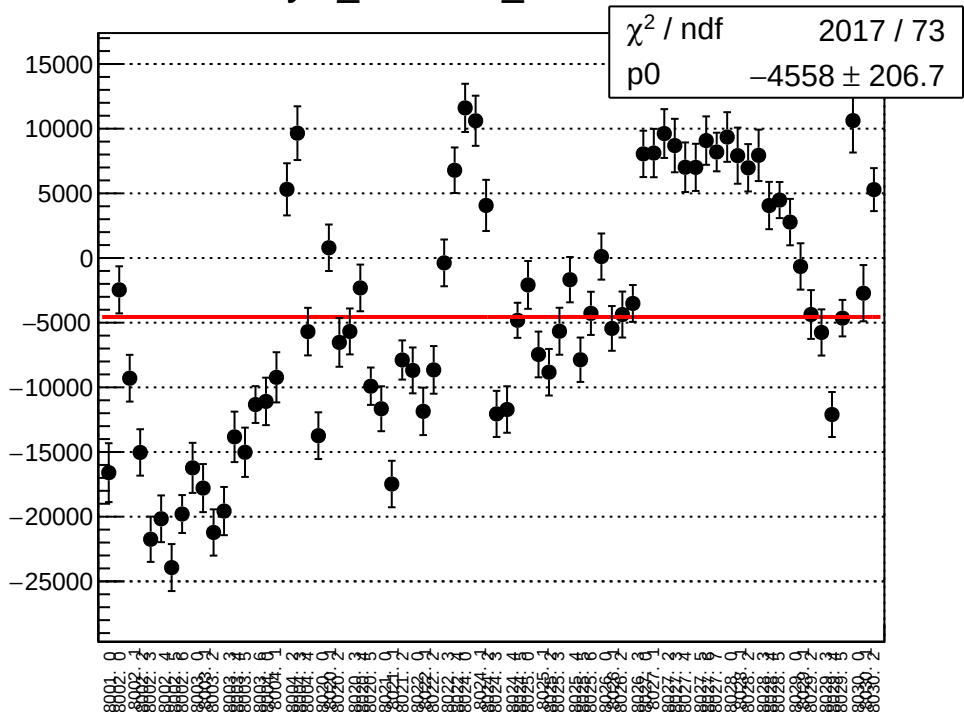
1499 / 73

p0

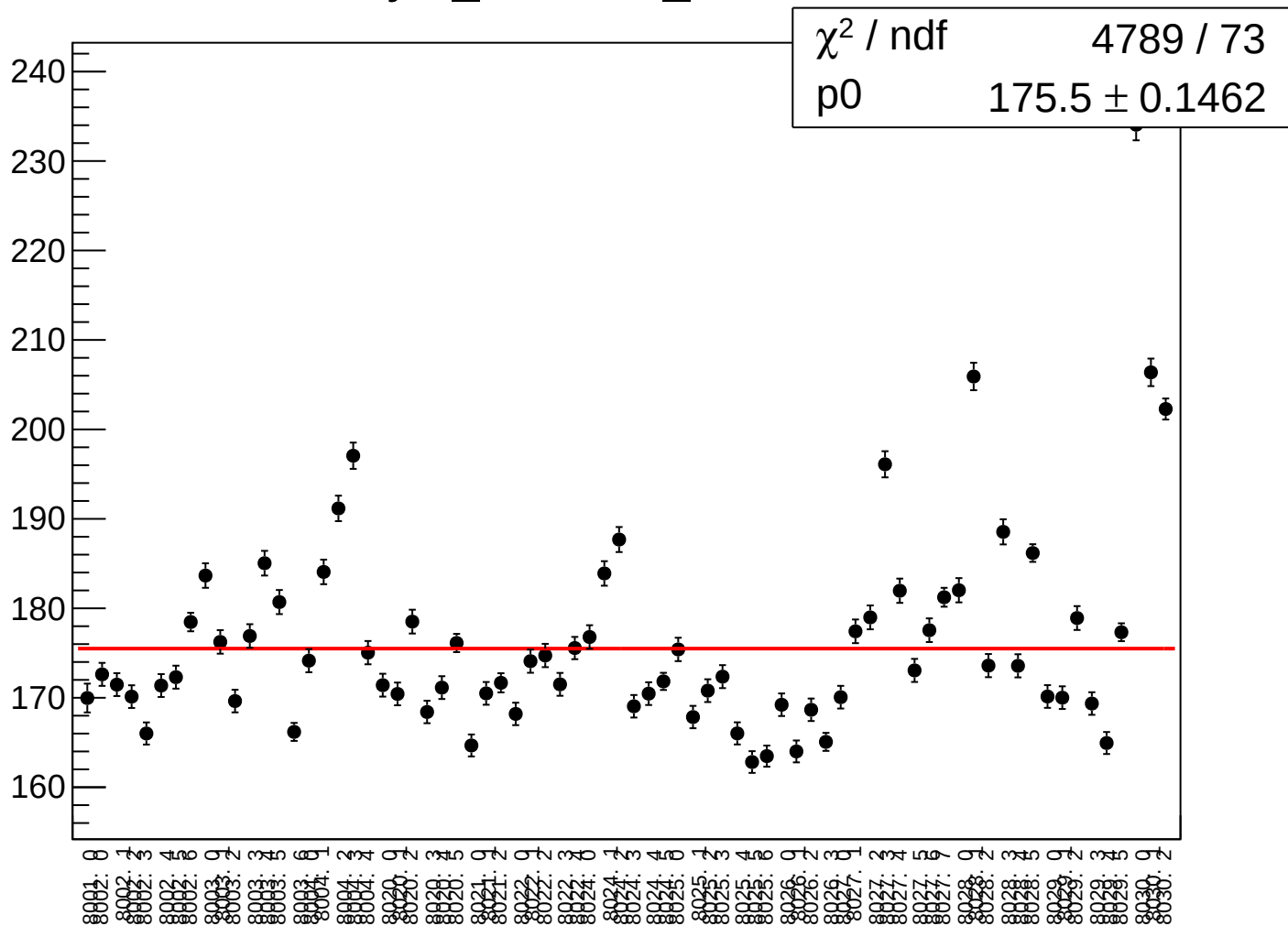
$247 \pm 0.2056$



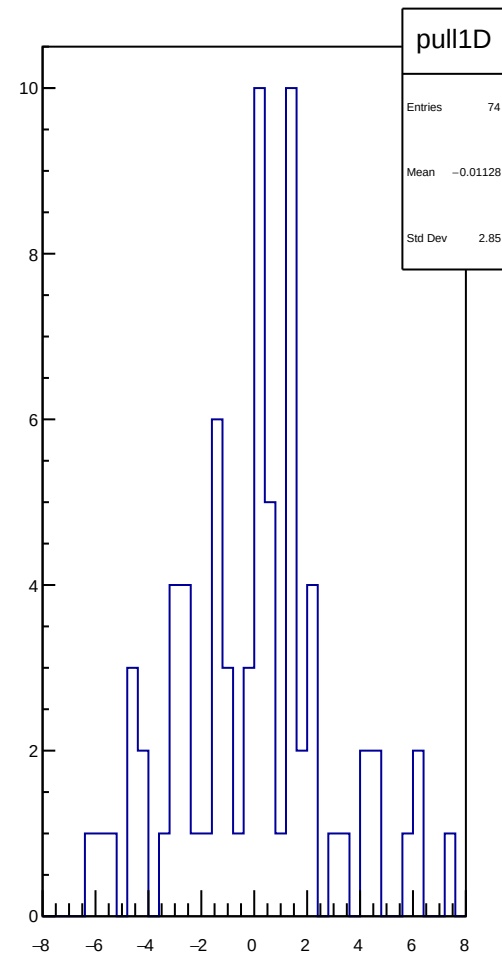
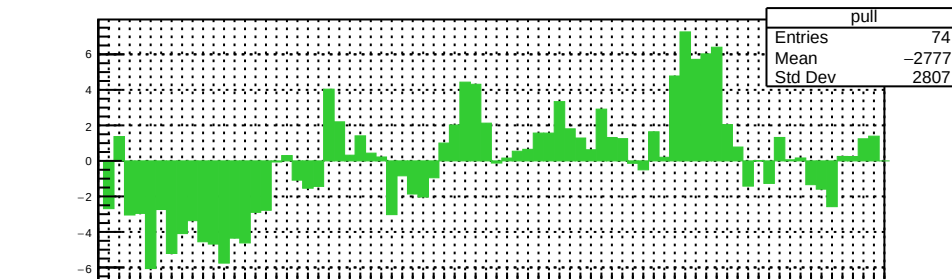
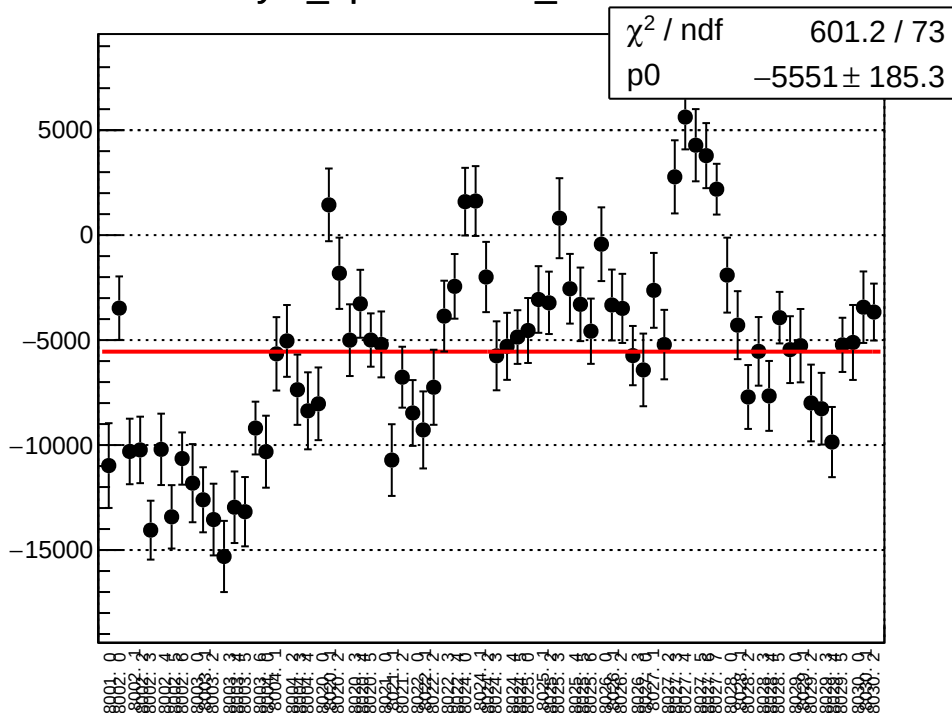
asym\_bcm0l02\_mean vs run



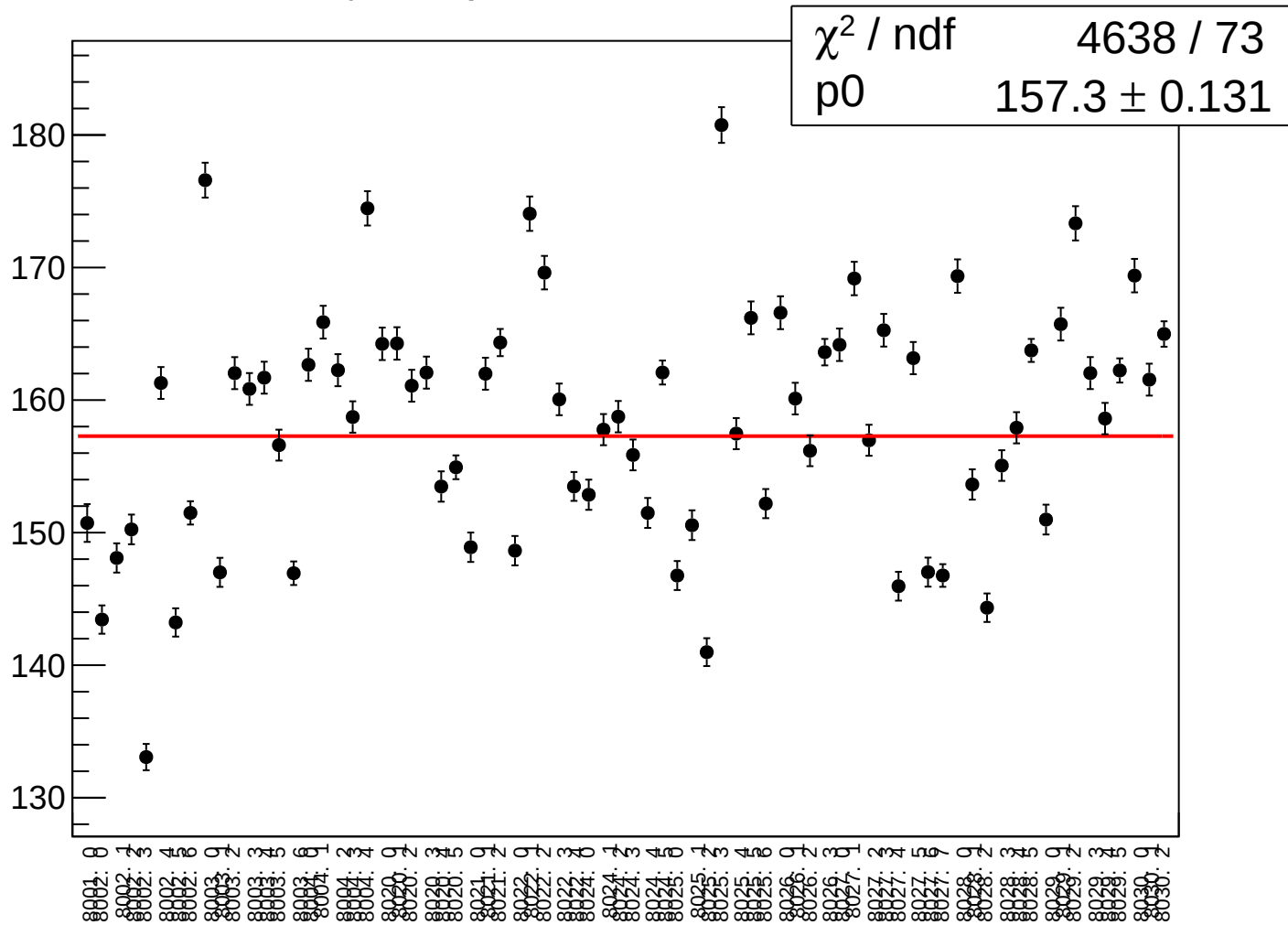
# asym\_bcm0l02\_rms vs run



# asym\_bpm2i01WS\_mean vs run

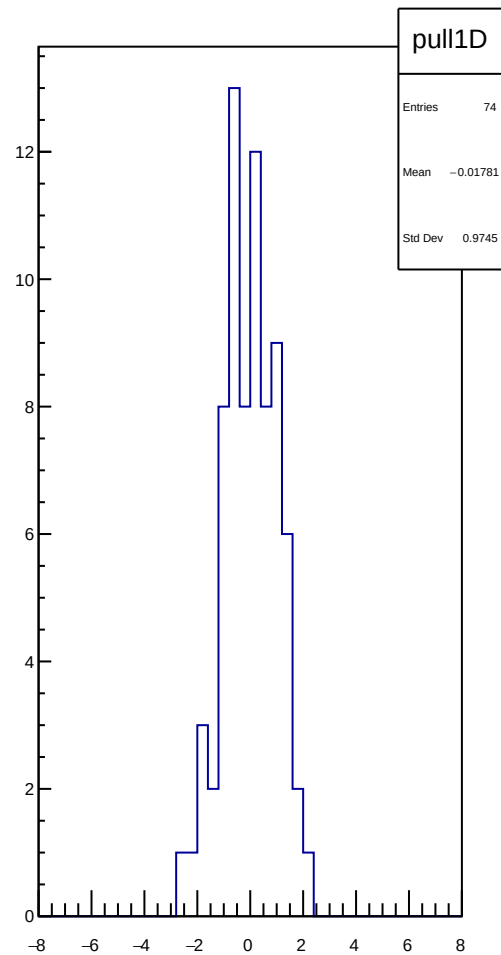
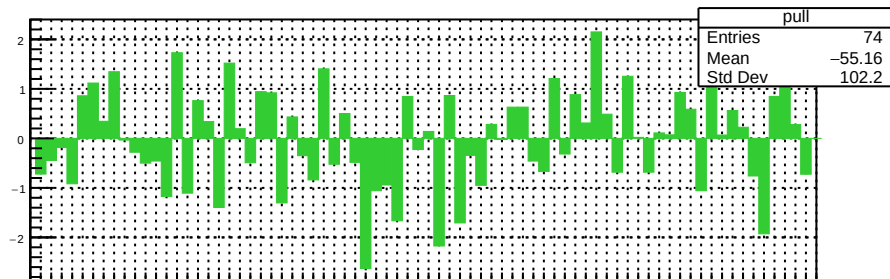
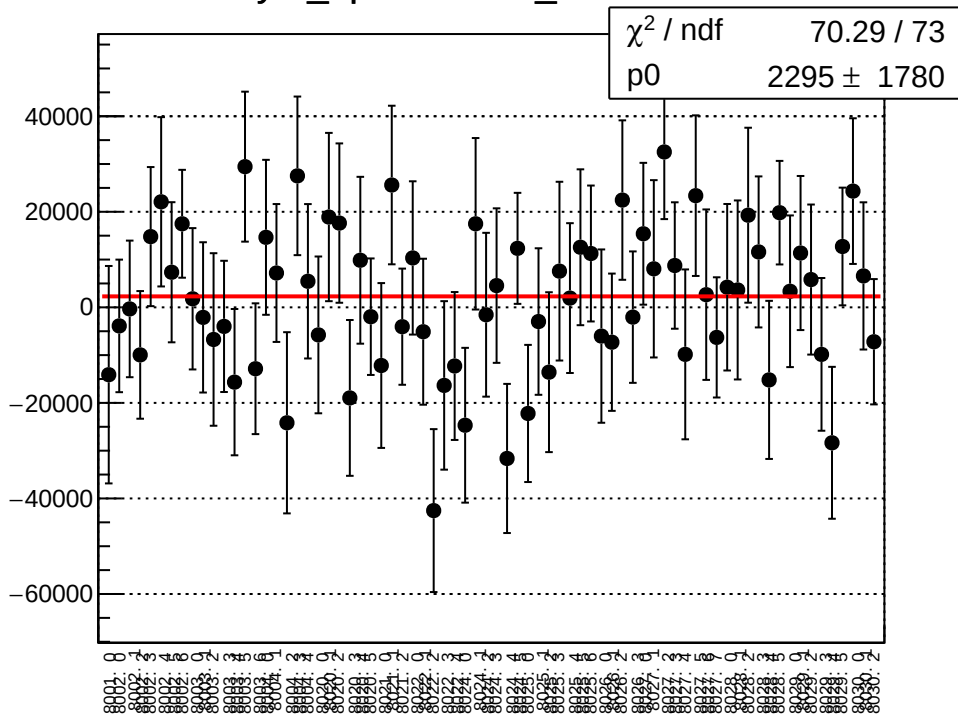


# asym\_bpm2i01WS\_rms vs run

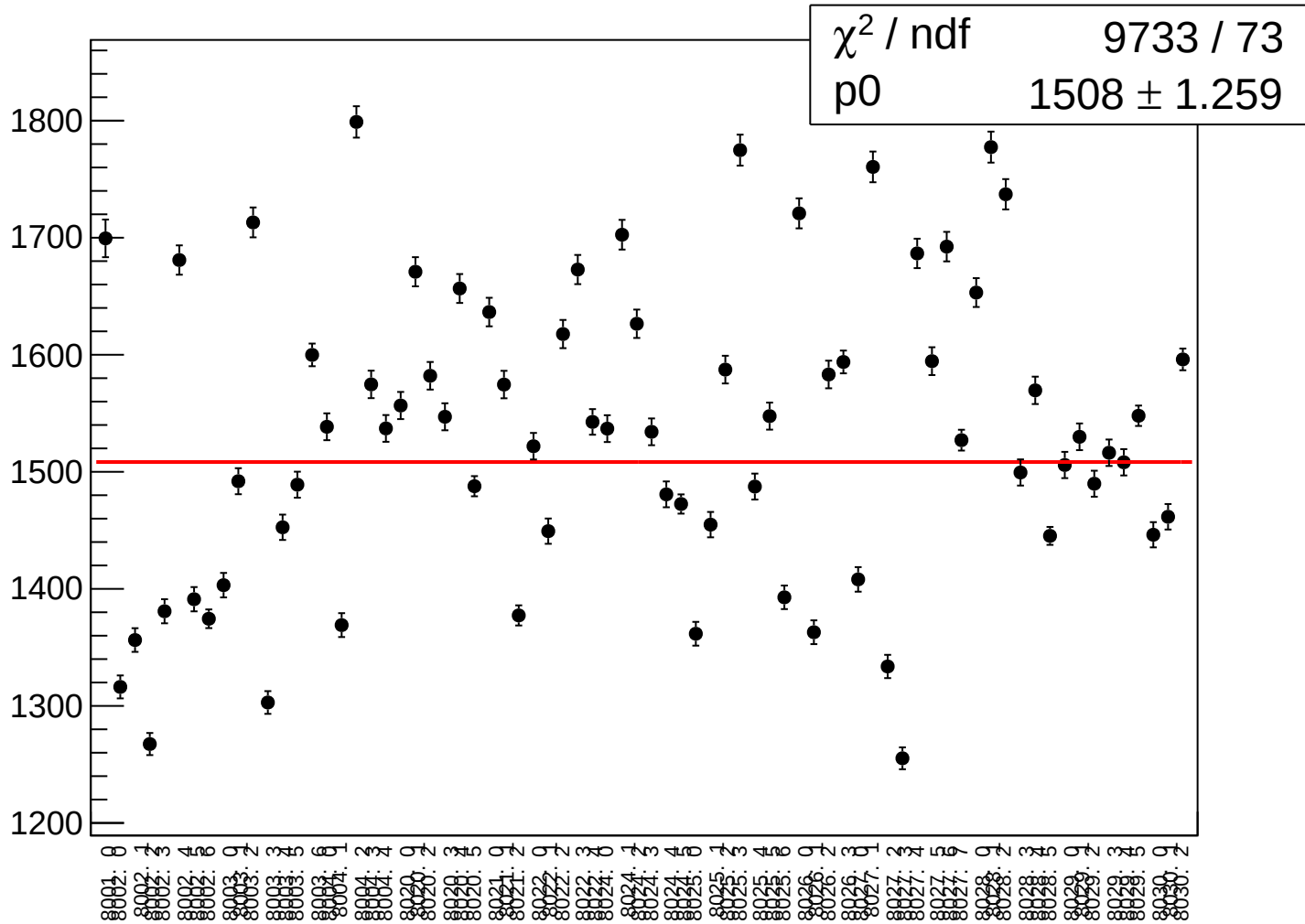




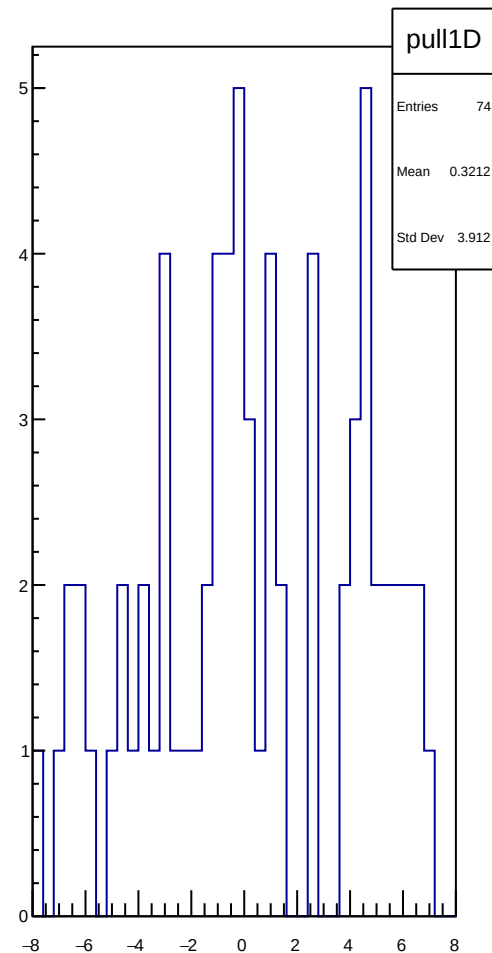
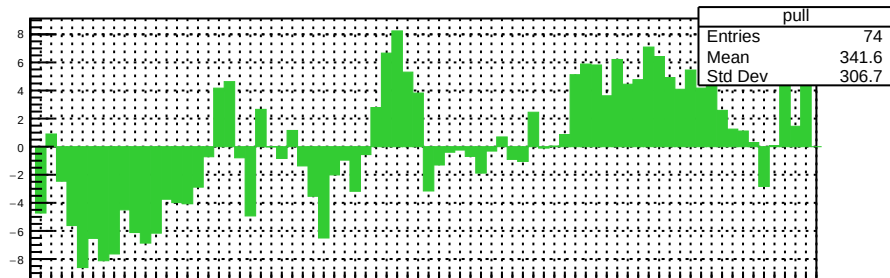
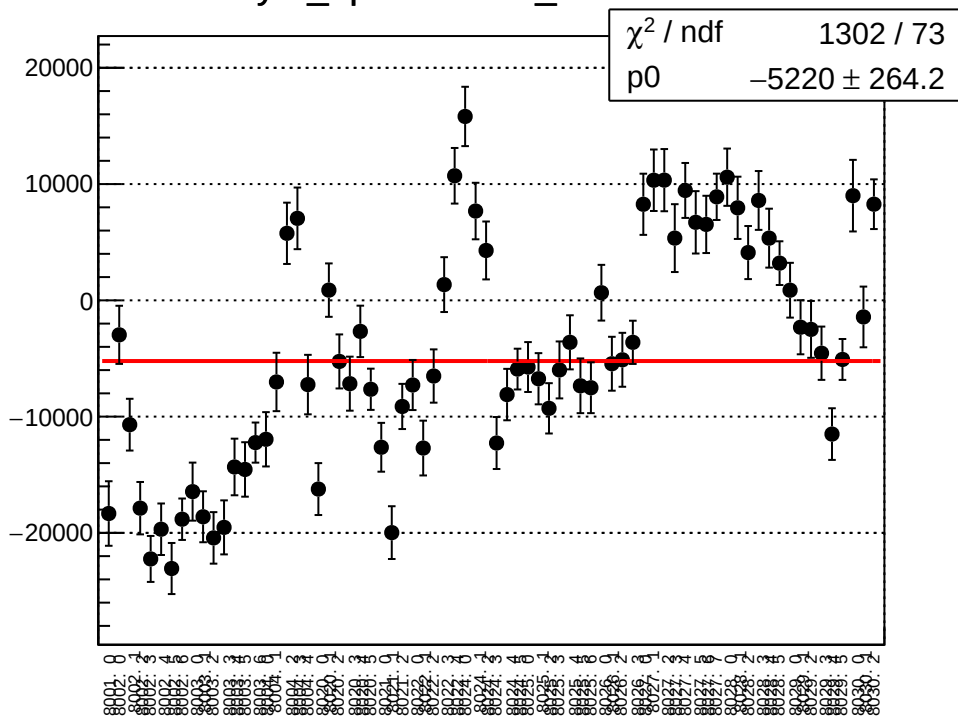
# asym\_bpm0i07WS\_mean vs run



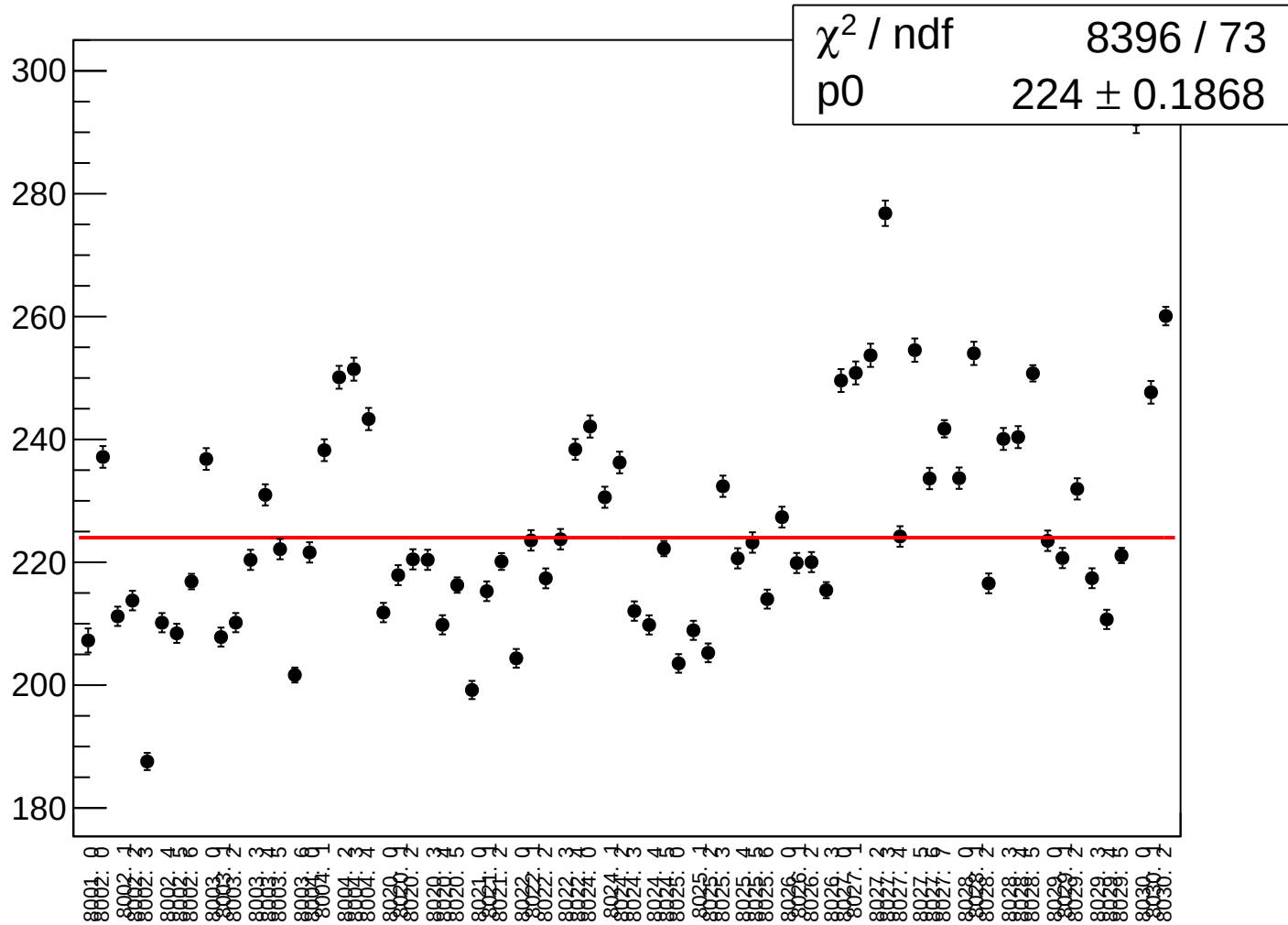
# asym\_bpm0i07WS\_rms vs run

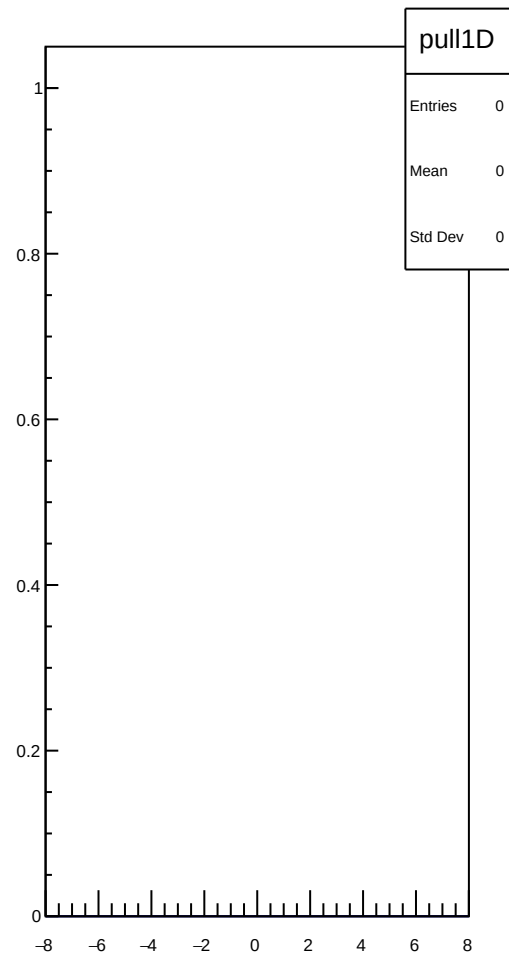
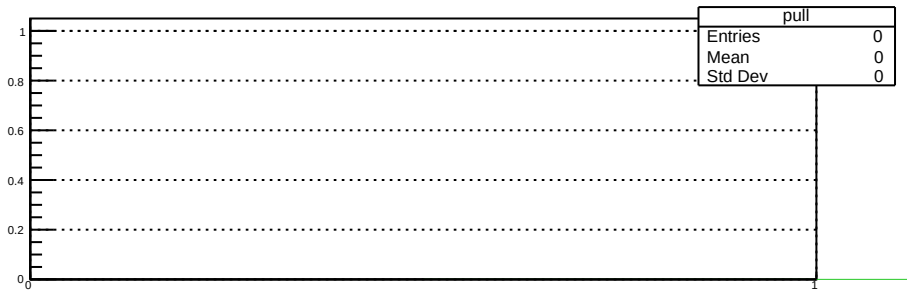


# asym\_bpm0l01WS\_mean vs run

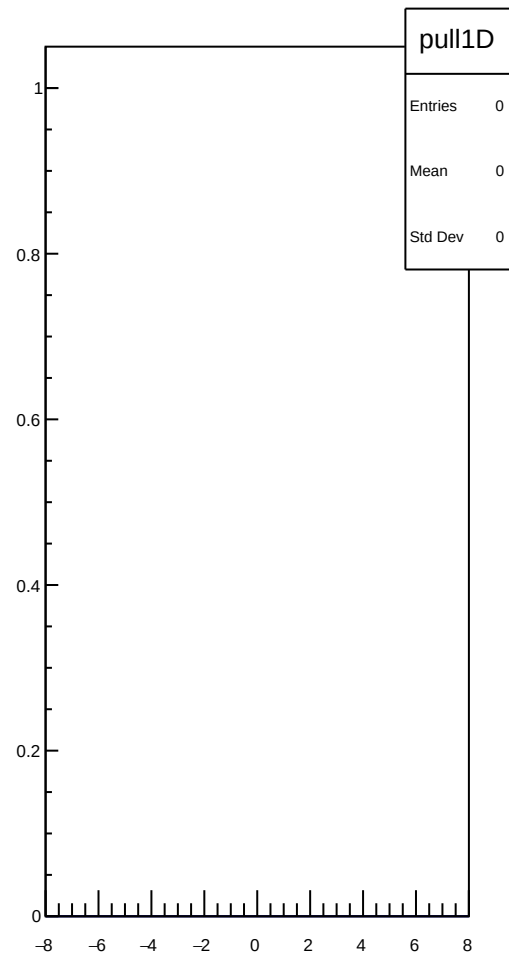
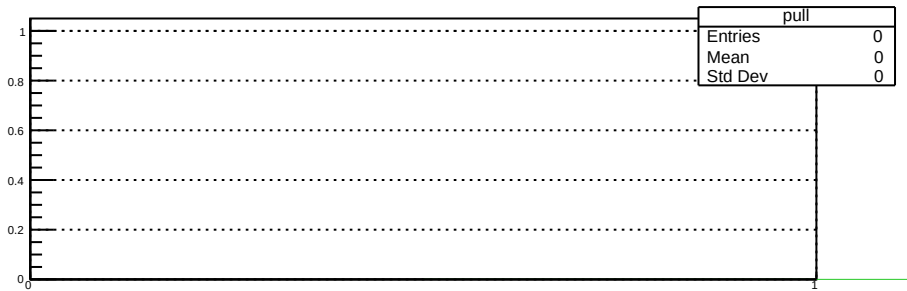


# asym\_bpm0l01WS\_rms vs run



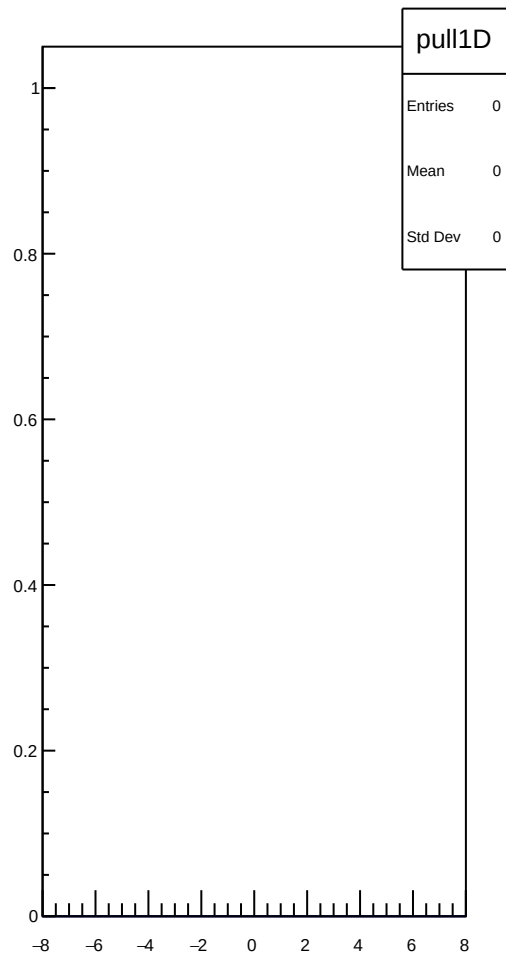
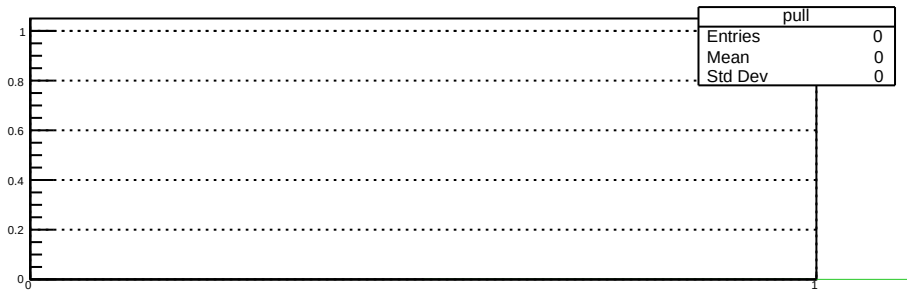




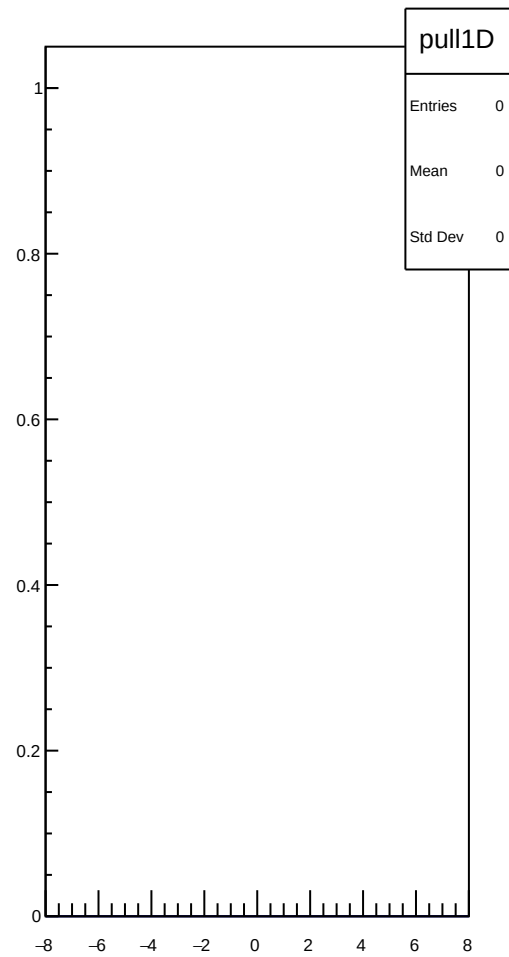
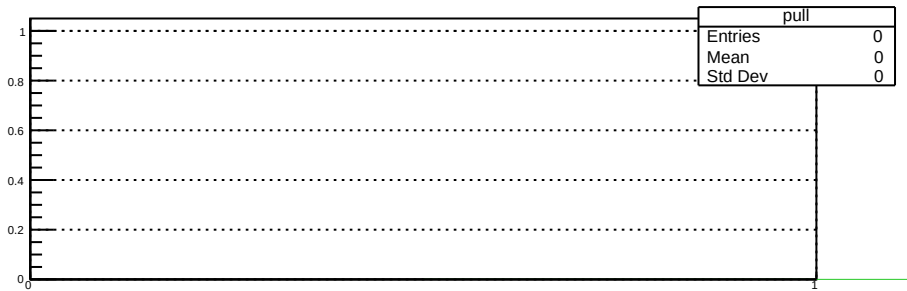






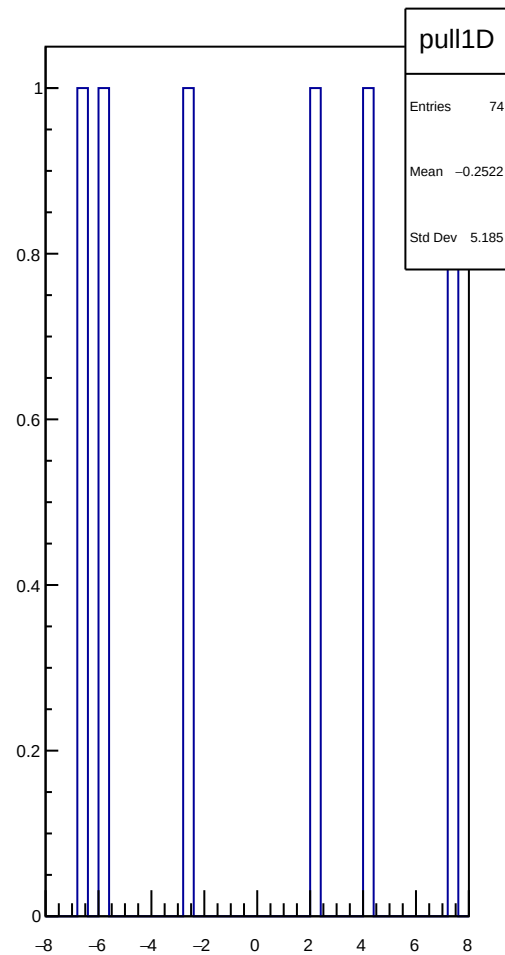
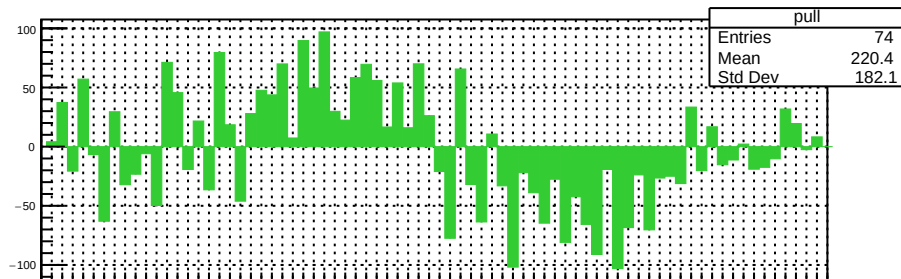
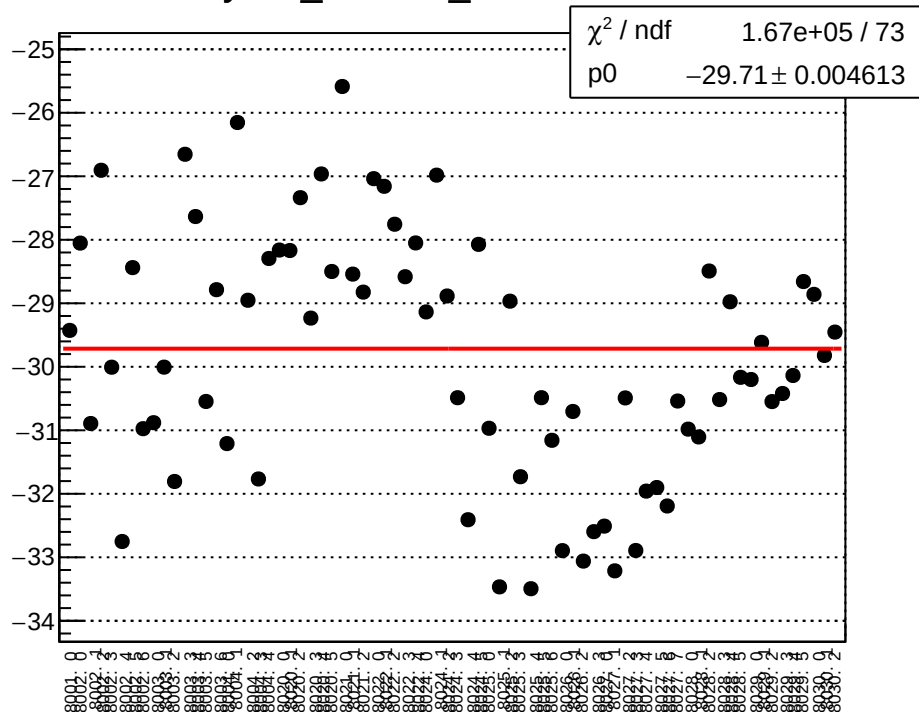




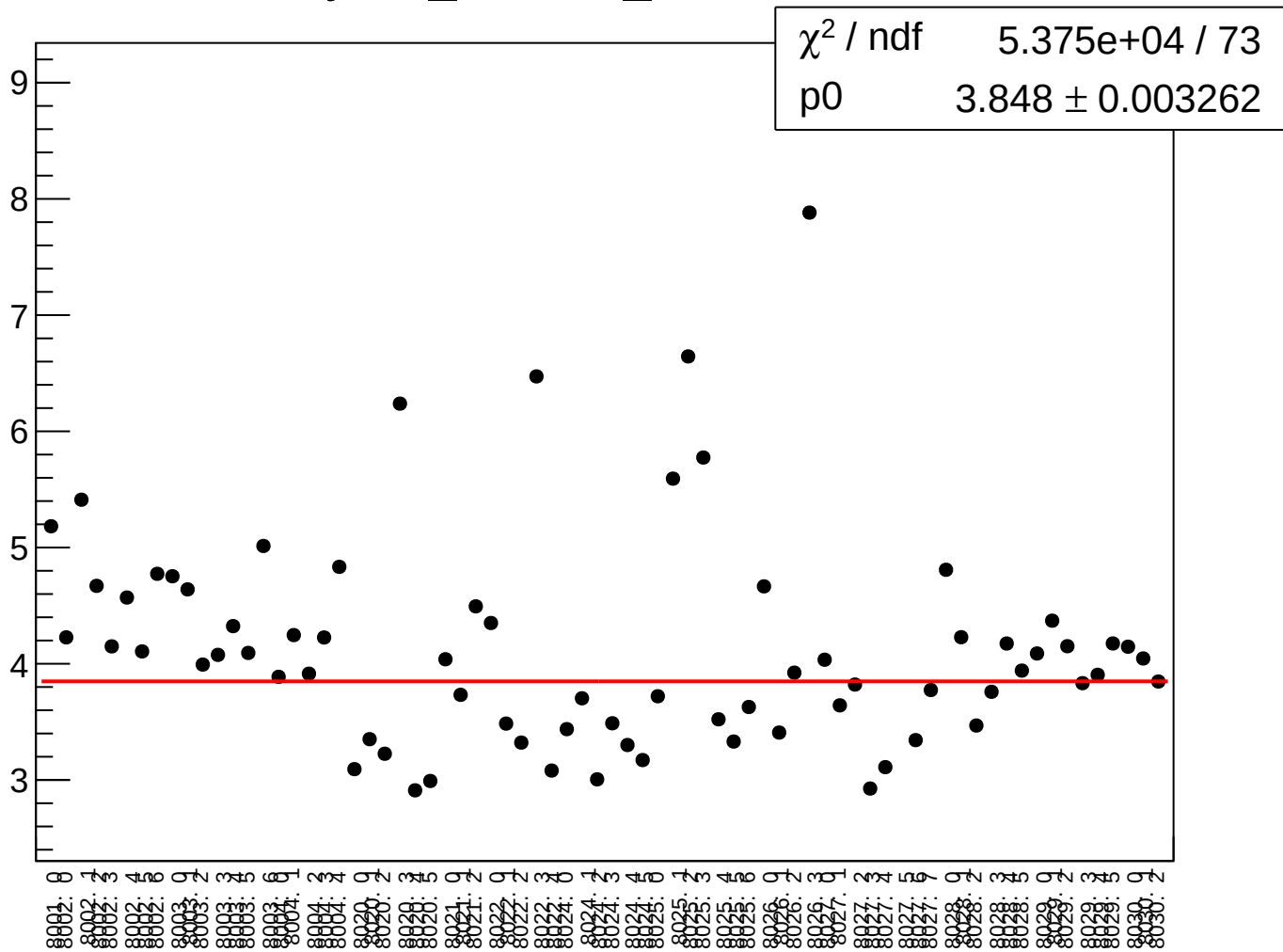




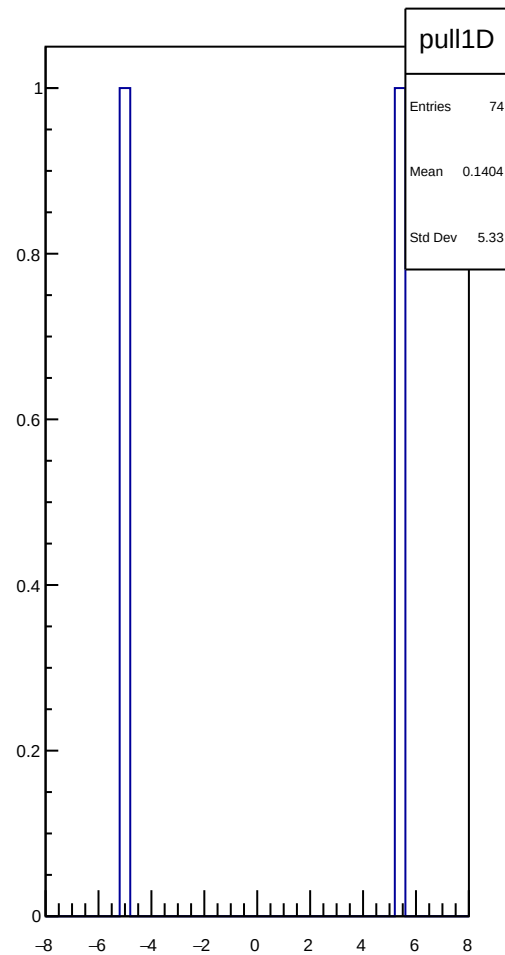
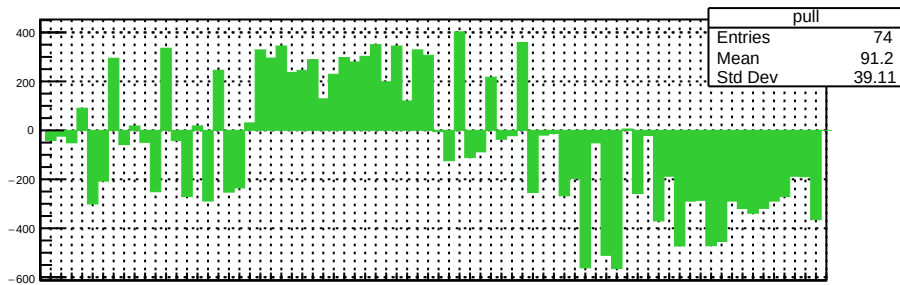
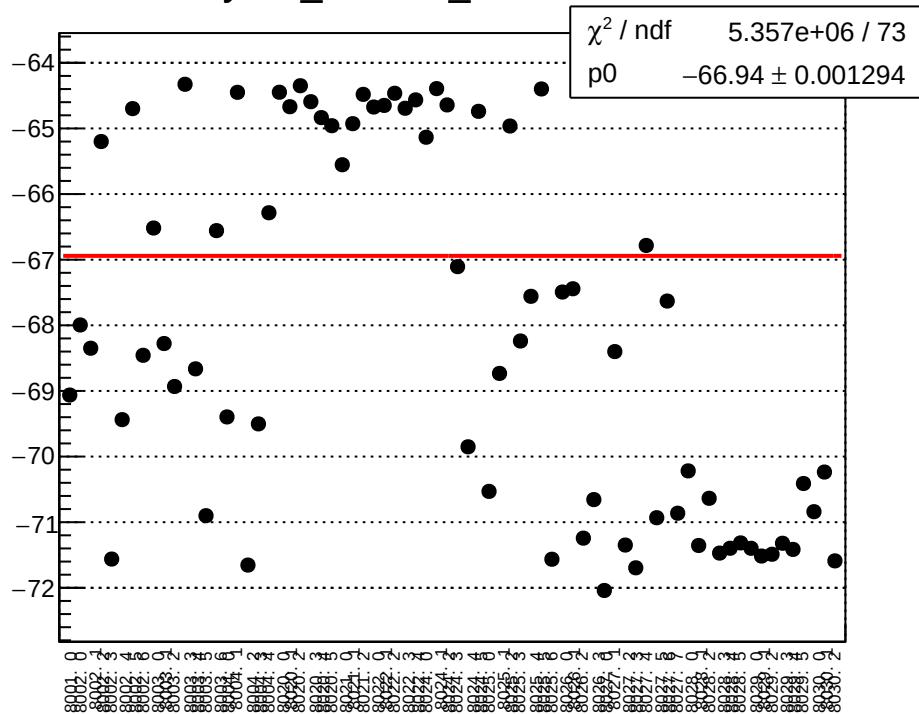
# yield\_cav4bX\_mean vs run



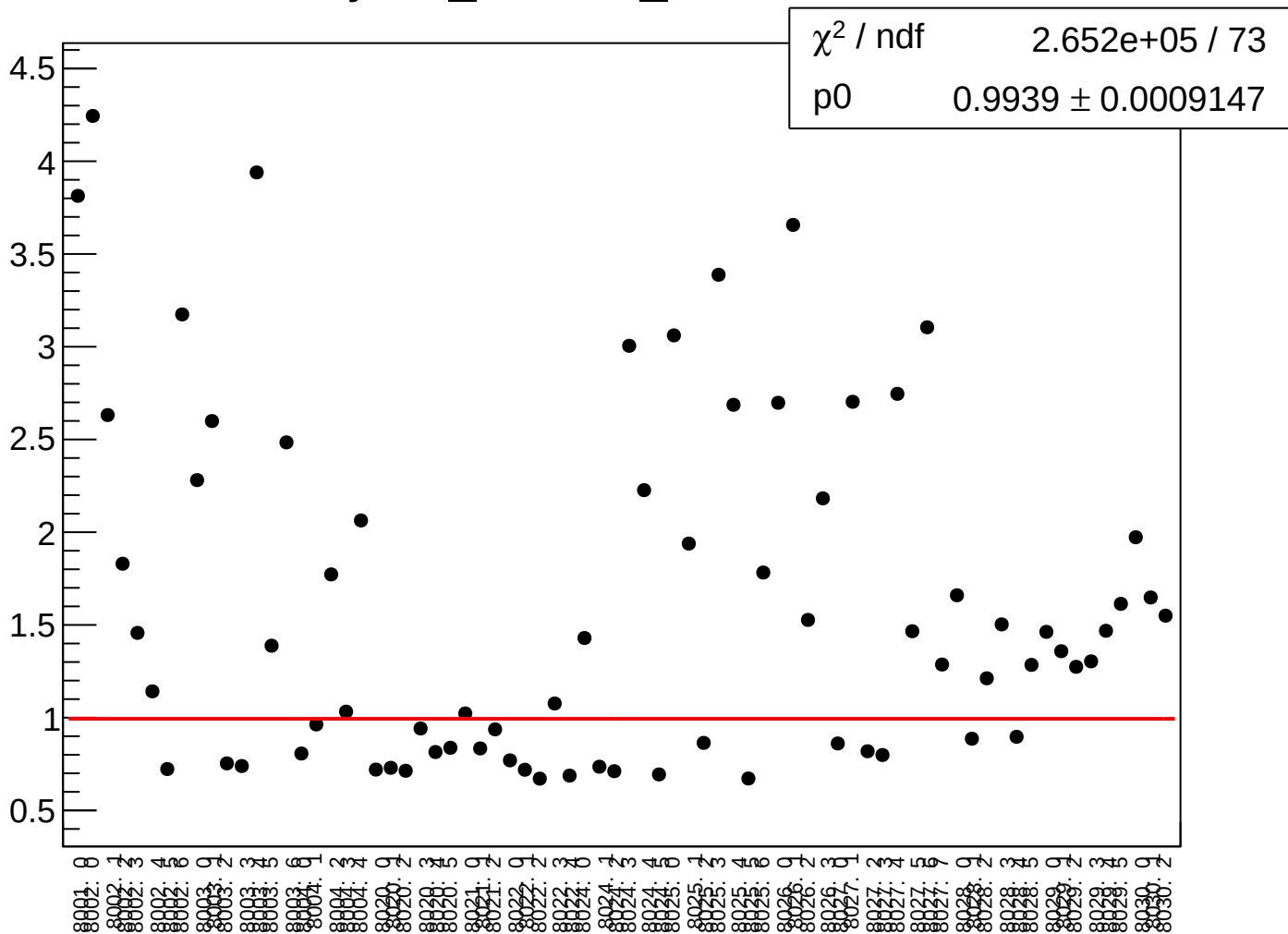
# yield\_cav4bX\_rms vs run



# yield\_cav4bY\_mean vs run

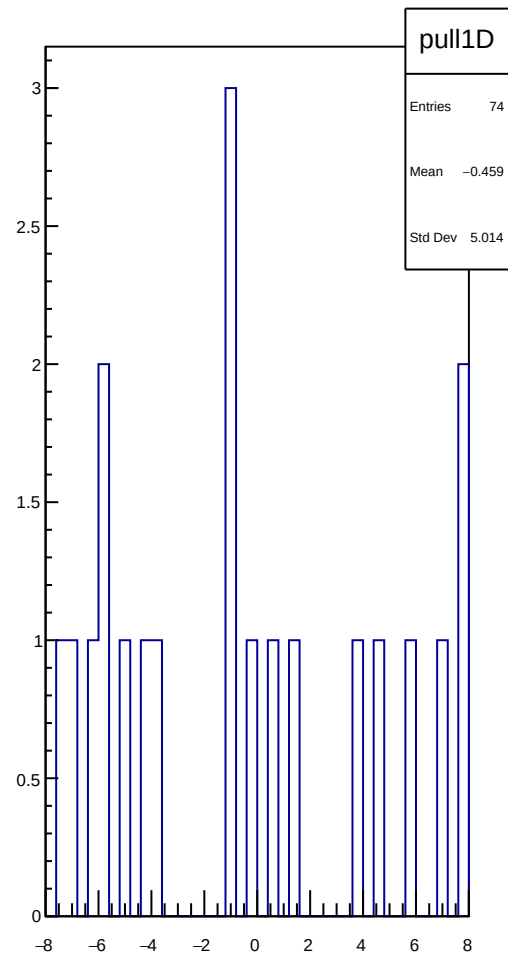
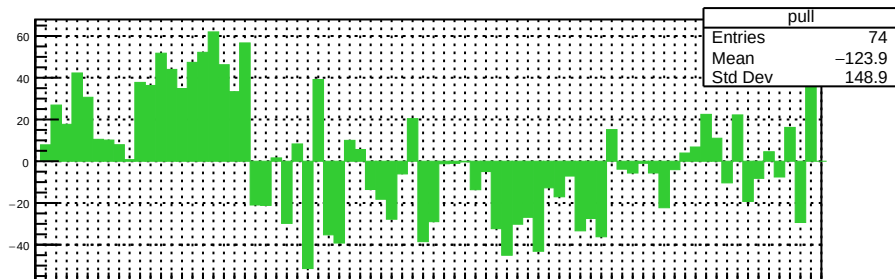
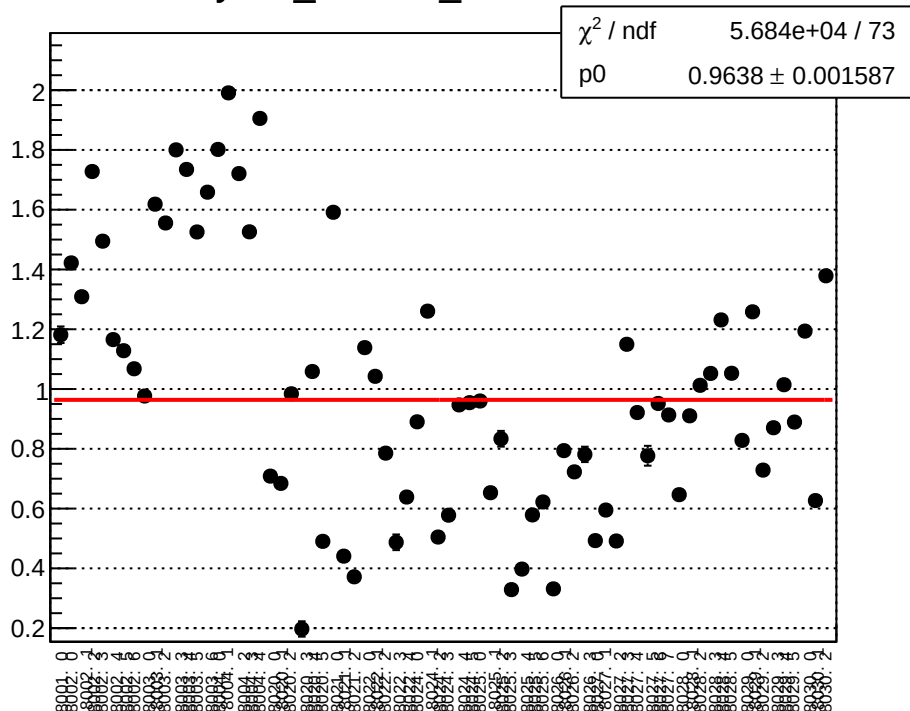


# yield\_cav4bY\_rms vs run

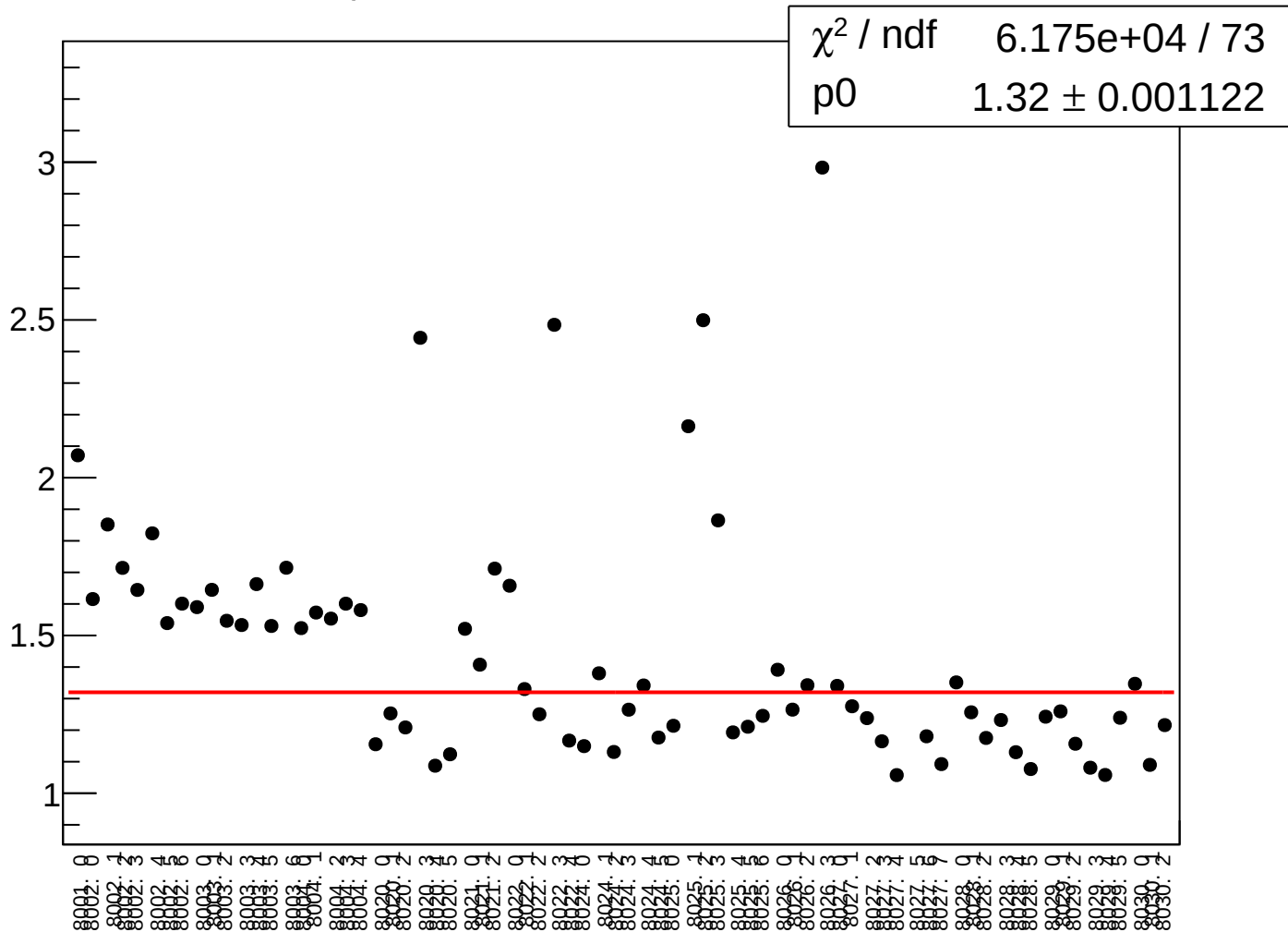




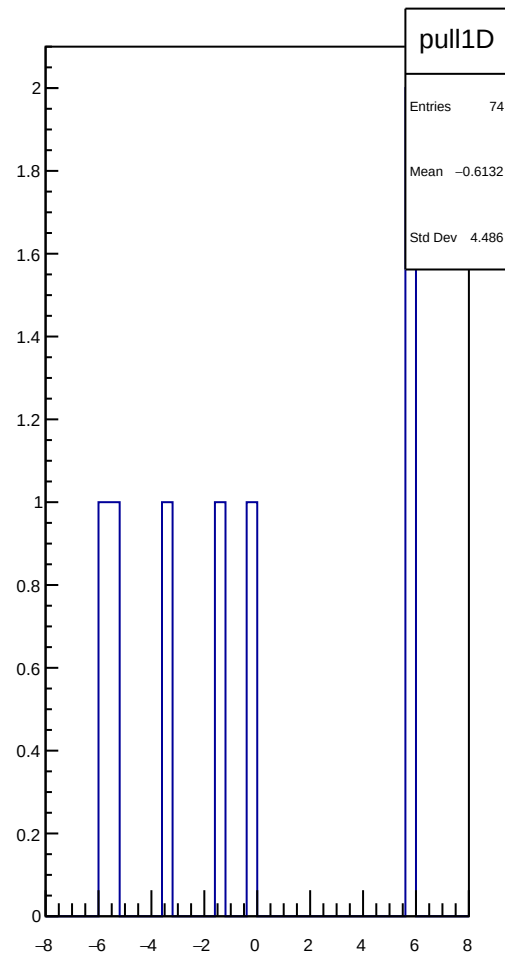
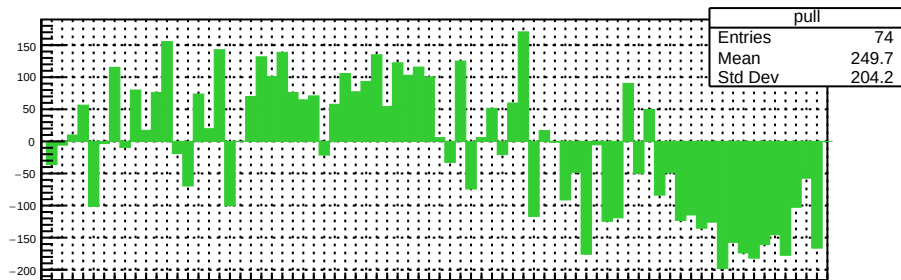
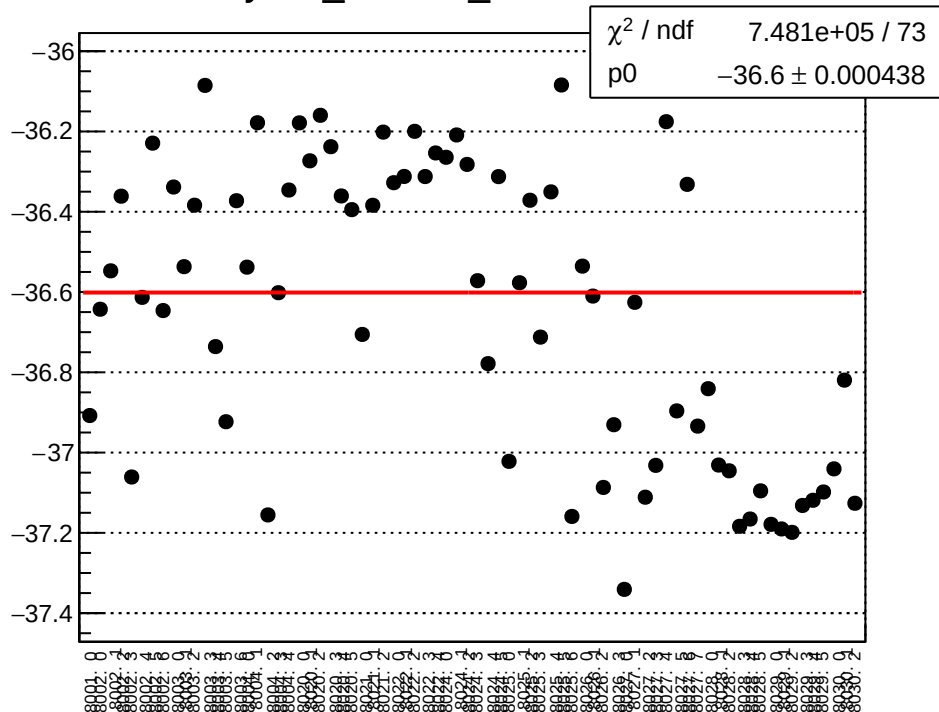
yield\_cav4cX\_mean vs run



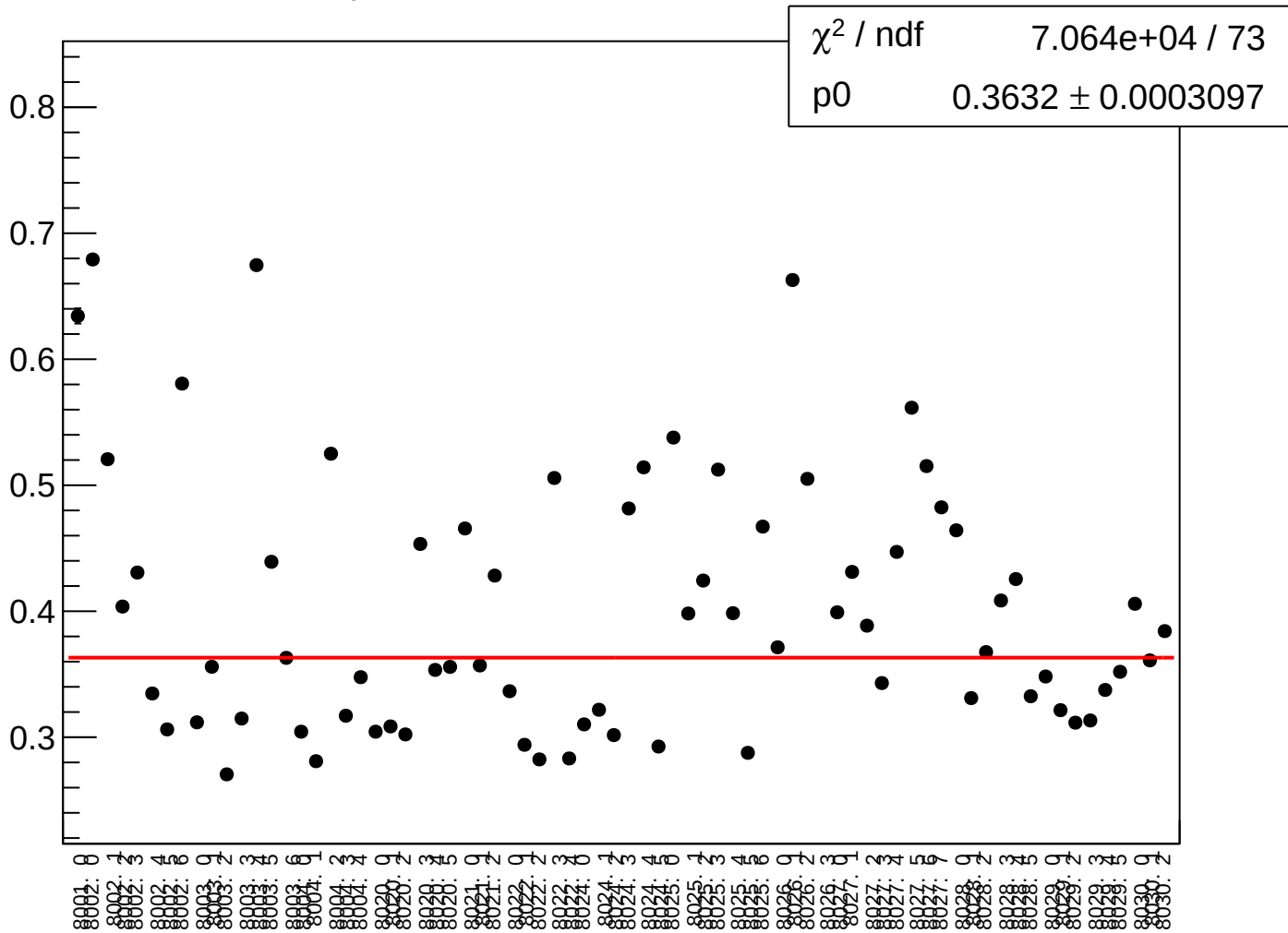
# yield\_cav4cX\_rms vs run



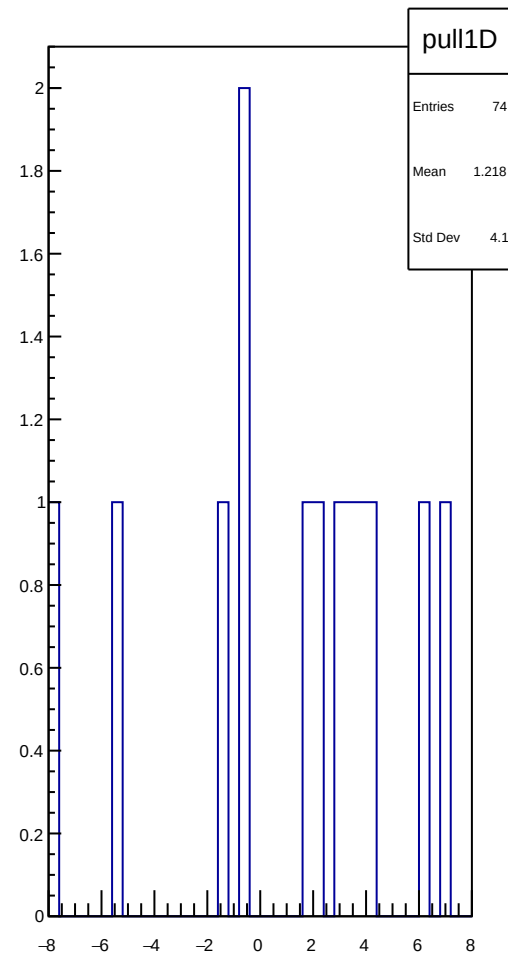
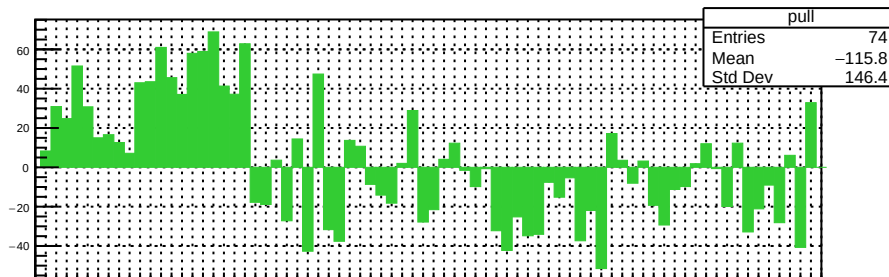
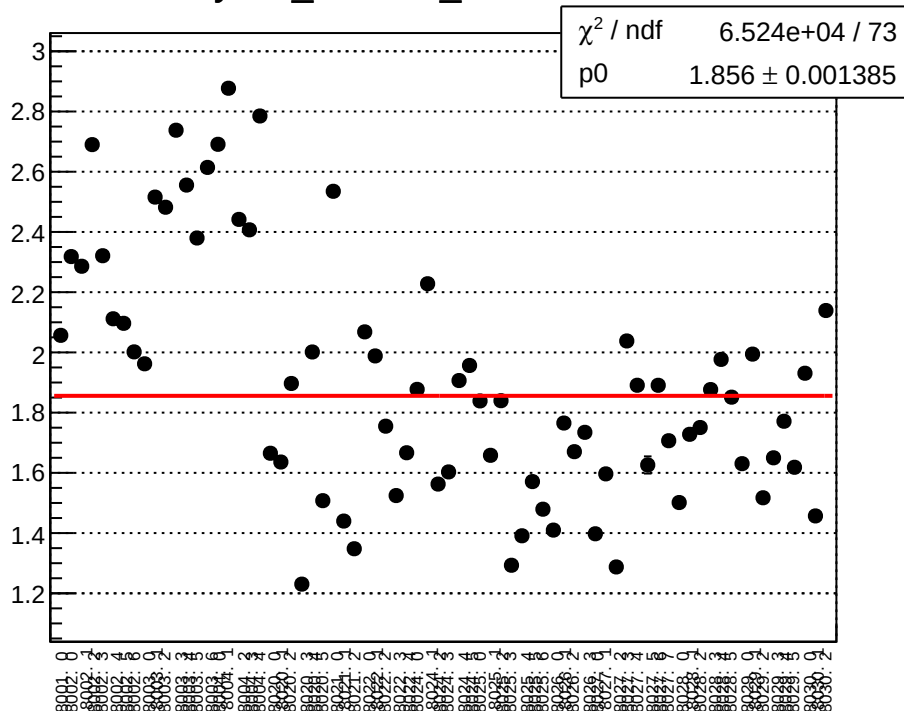
yield\_cav4cY\_mean vs run



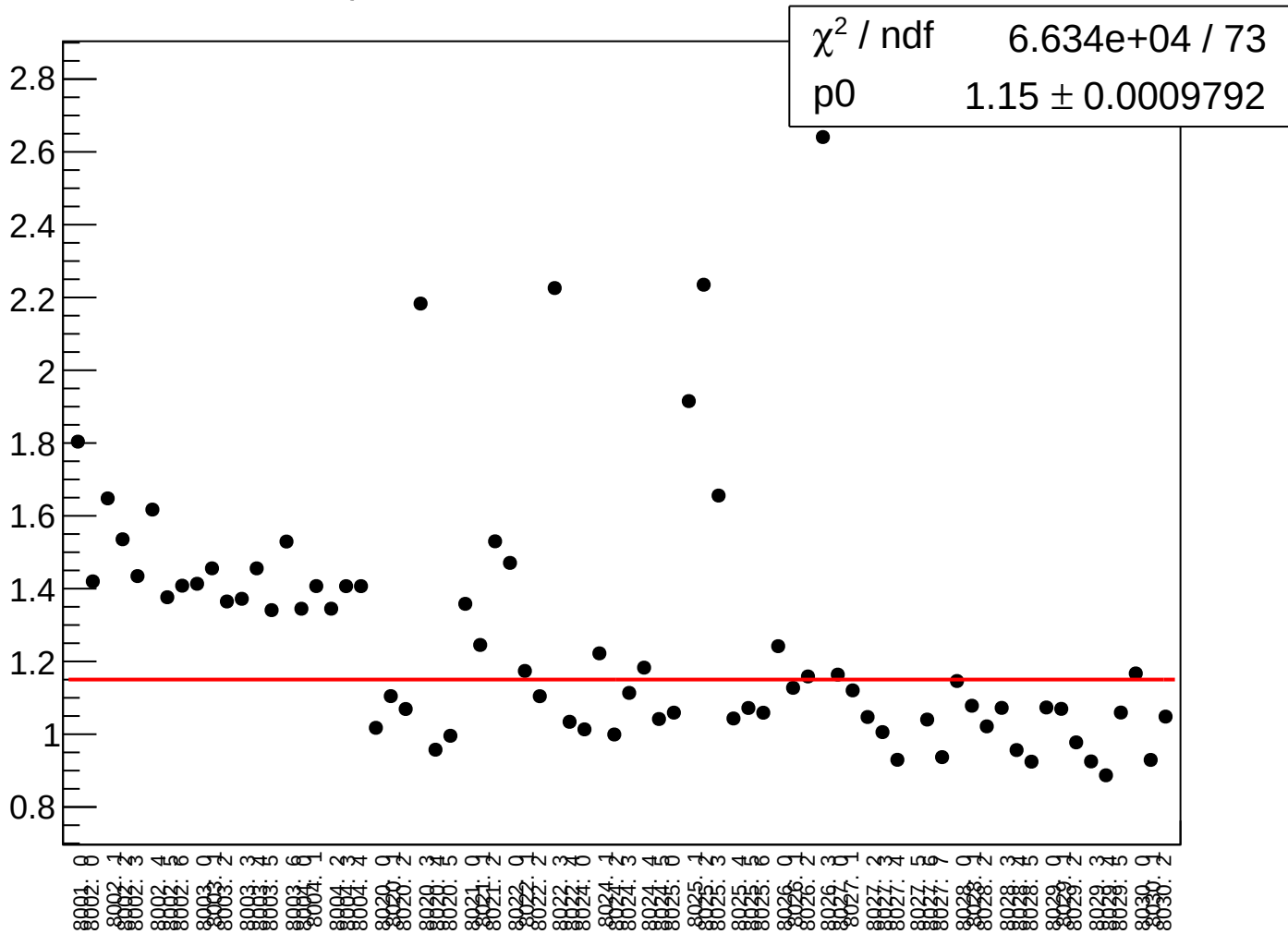
# yield\_cav4cY\_rms vs run



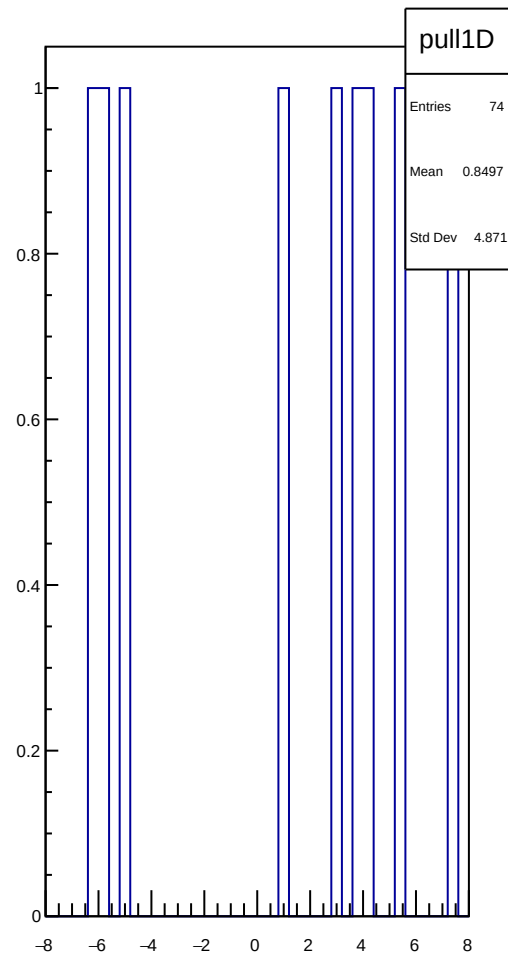
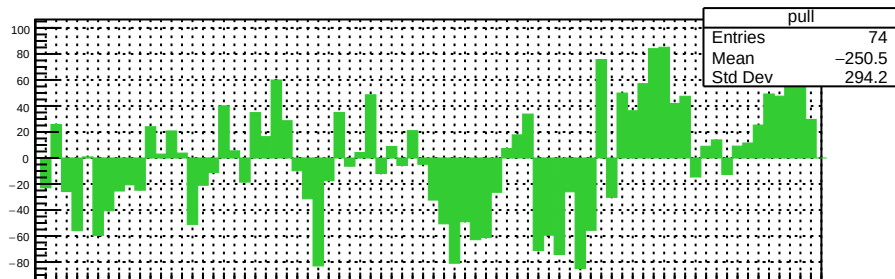
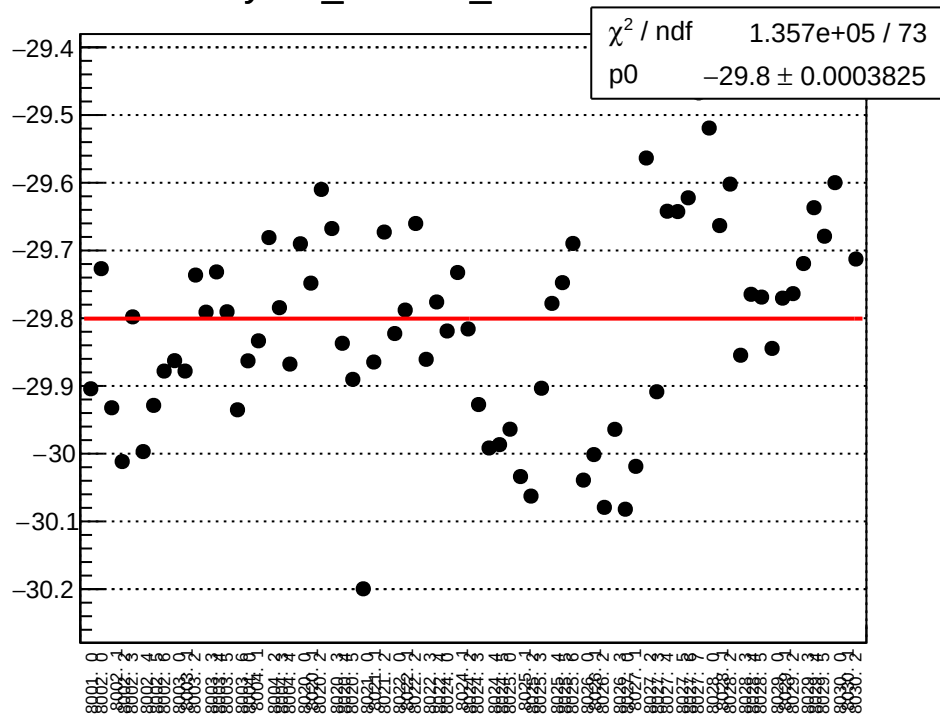
yield\_cav4dX\_mean vs run



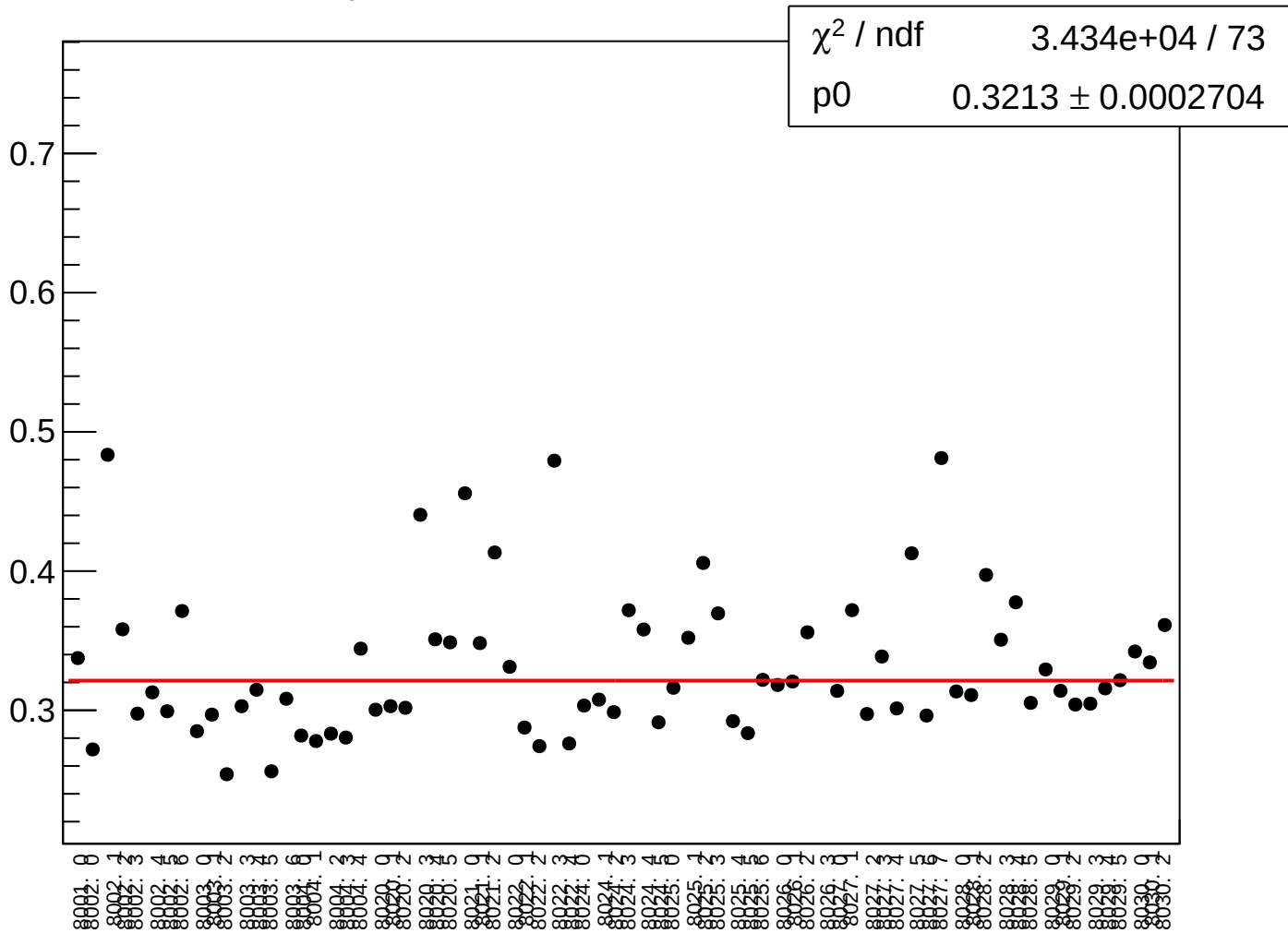
# yield\_cav4dX\_rms vs run



# yield\_cav4dY\_mean vs run

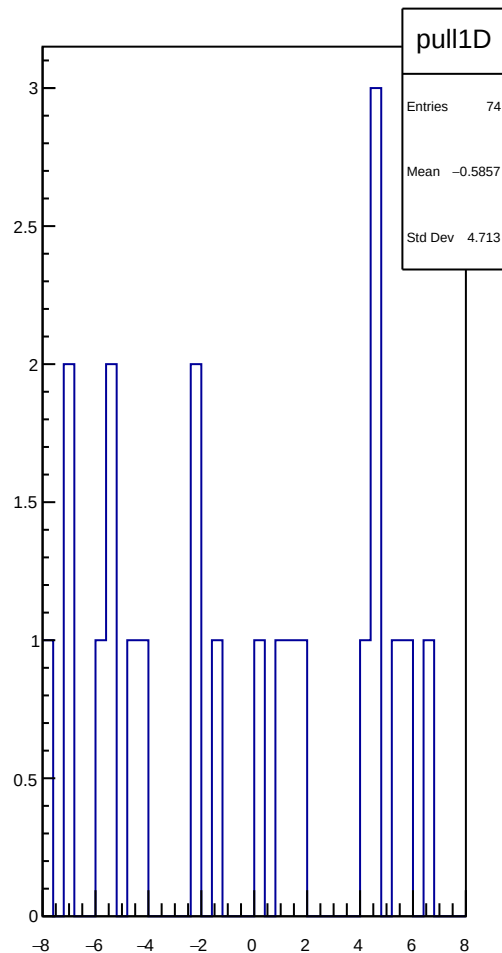
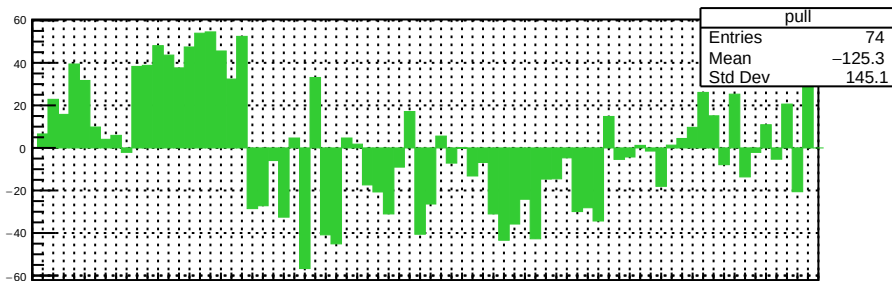
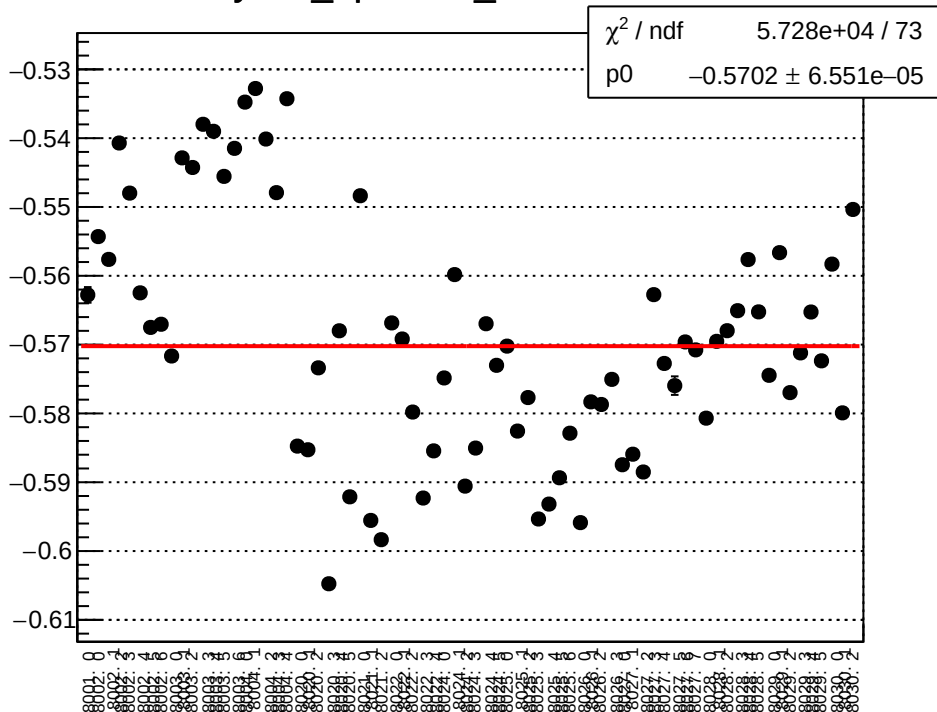


# yield\_cav4dY\_rms vs run

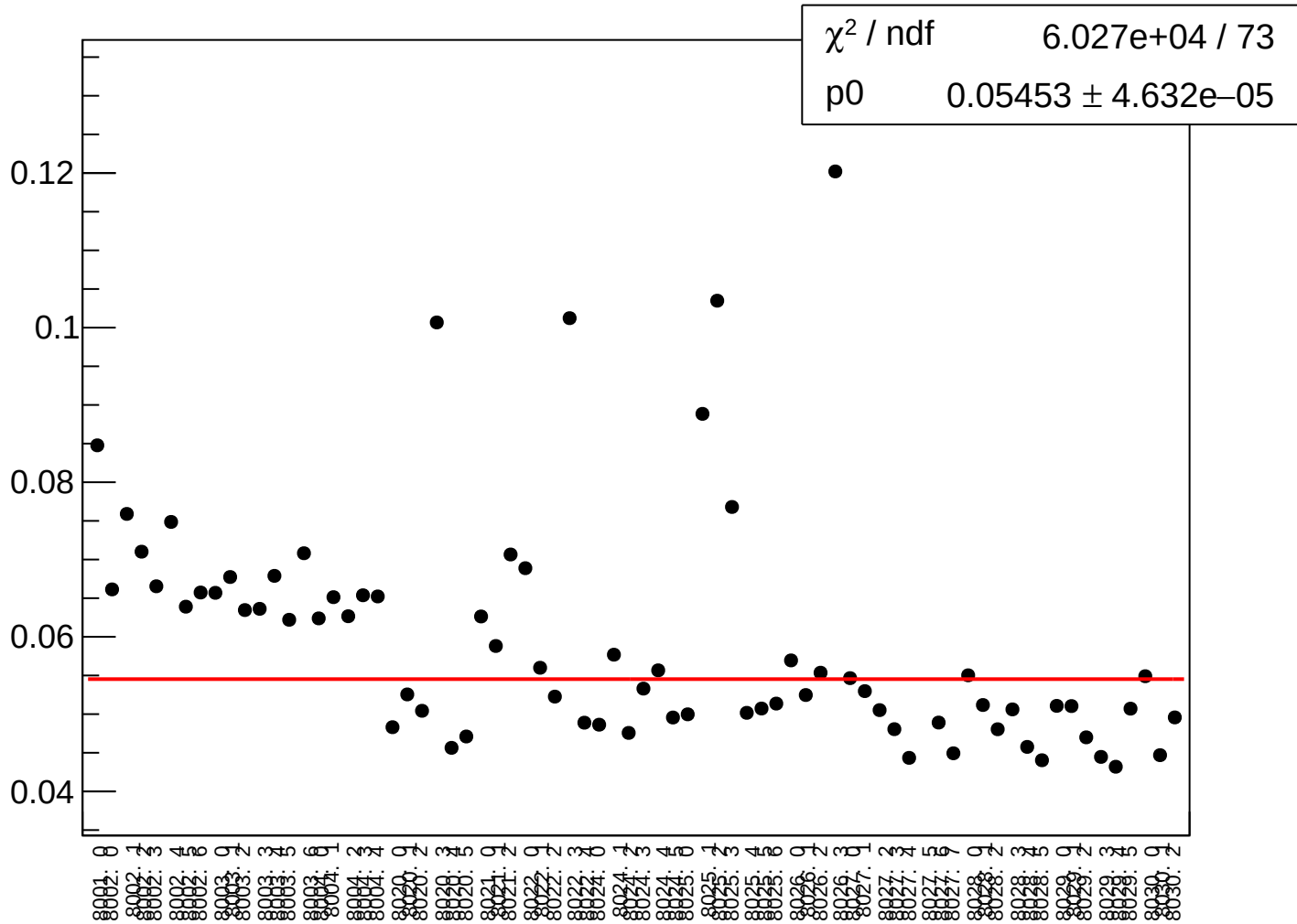




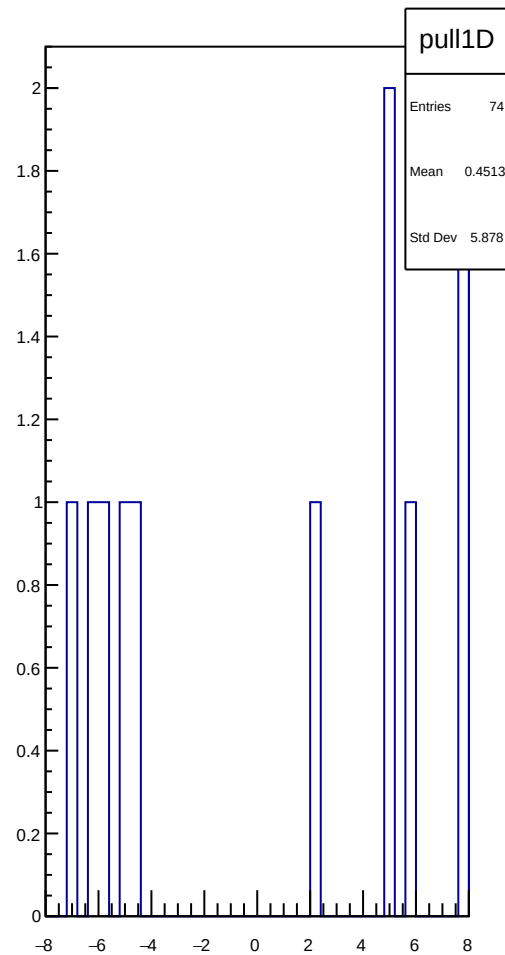
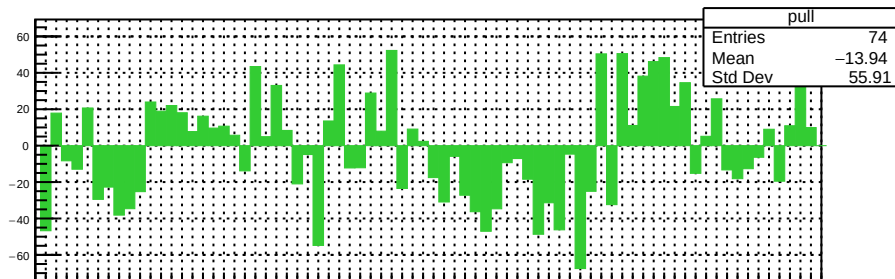
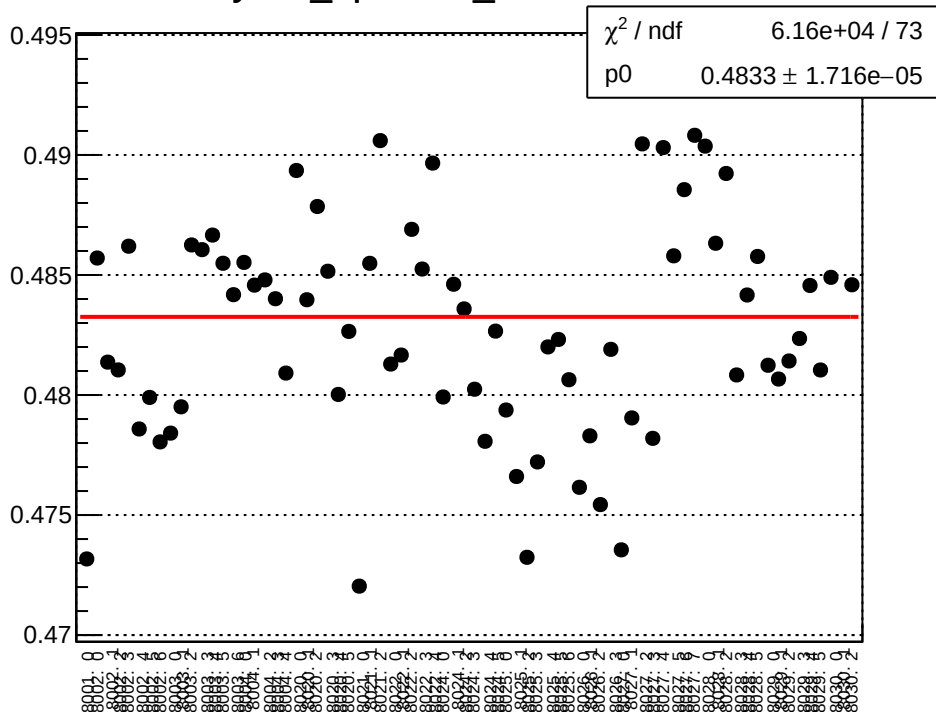
# yield\_bpm4aX\_mean vs run



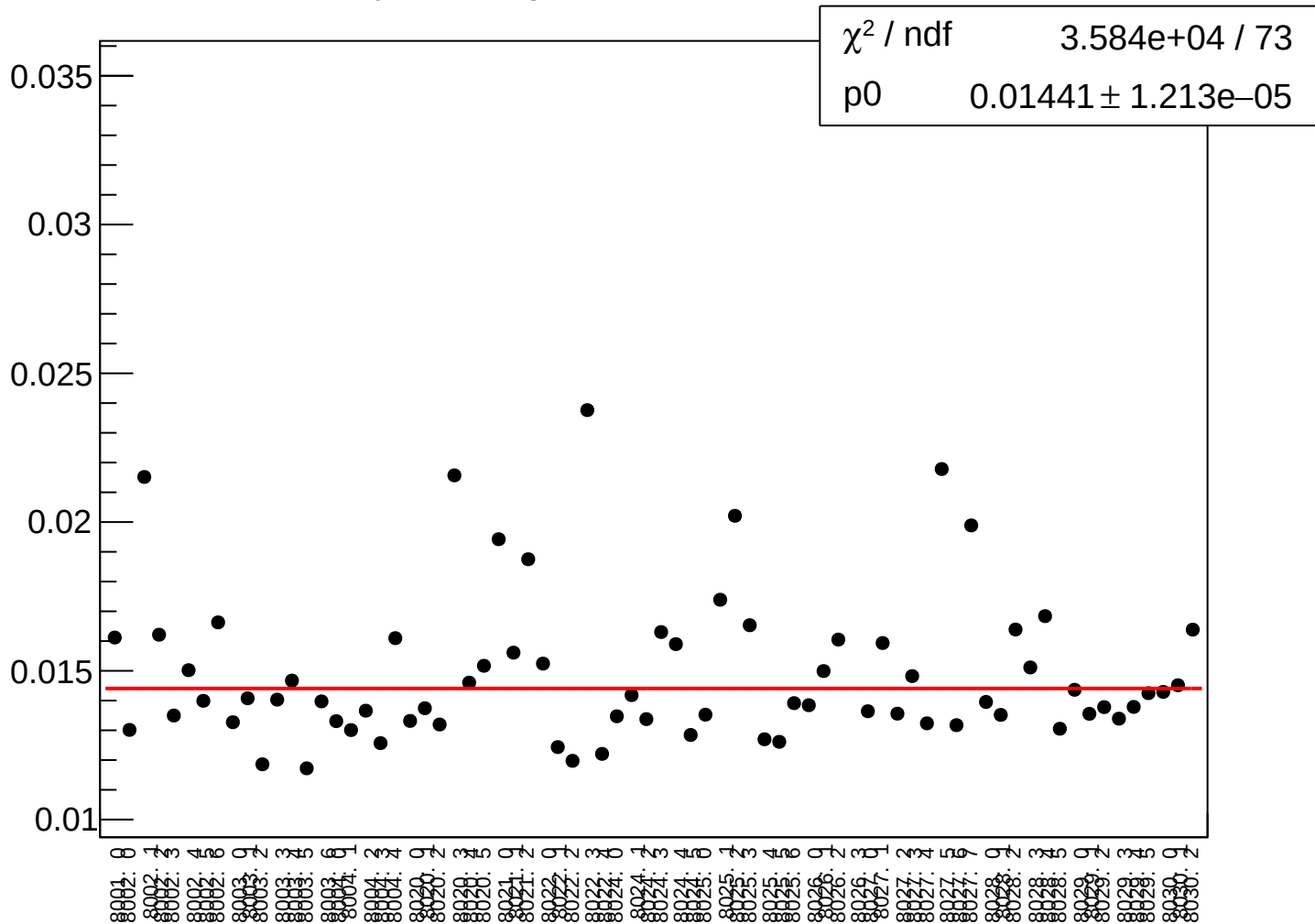
# yield\_bpm4aX\_rms vs run



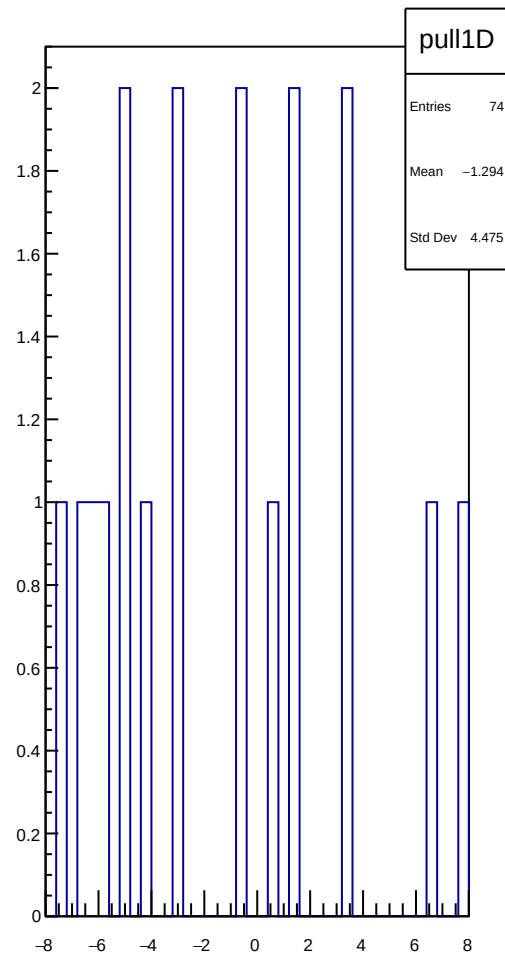
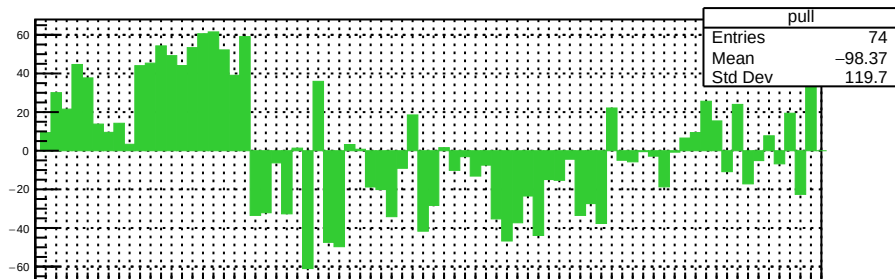
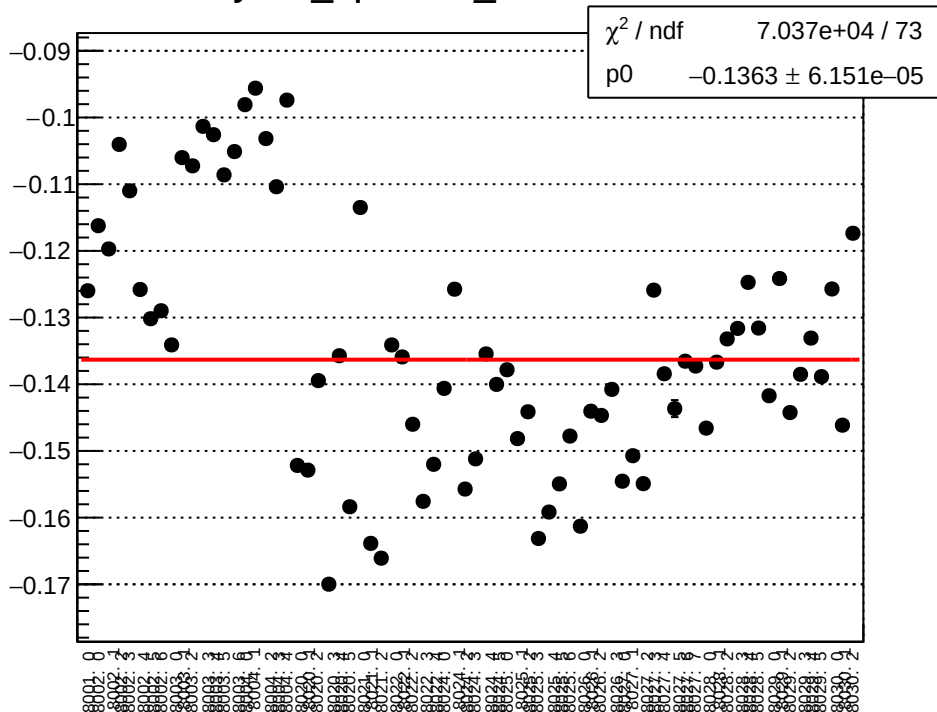
yield\_bpm4aY\_mean vs run



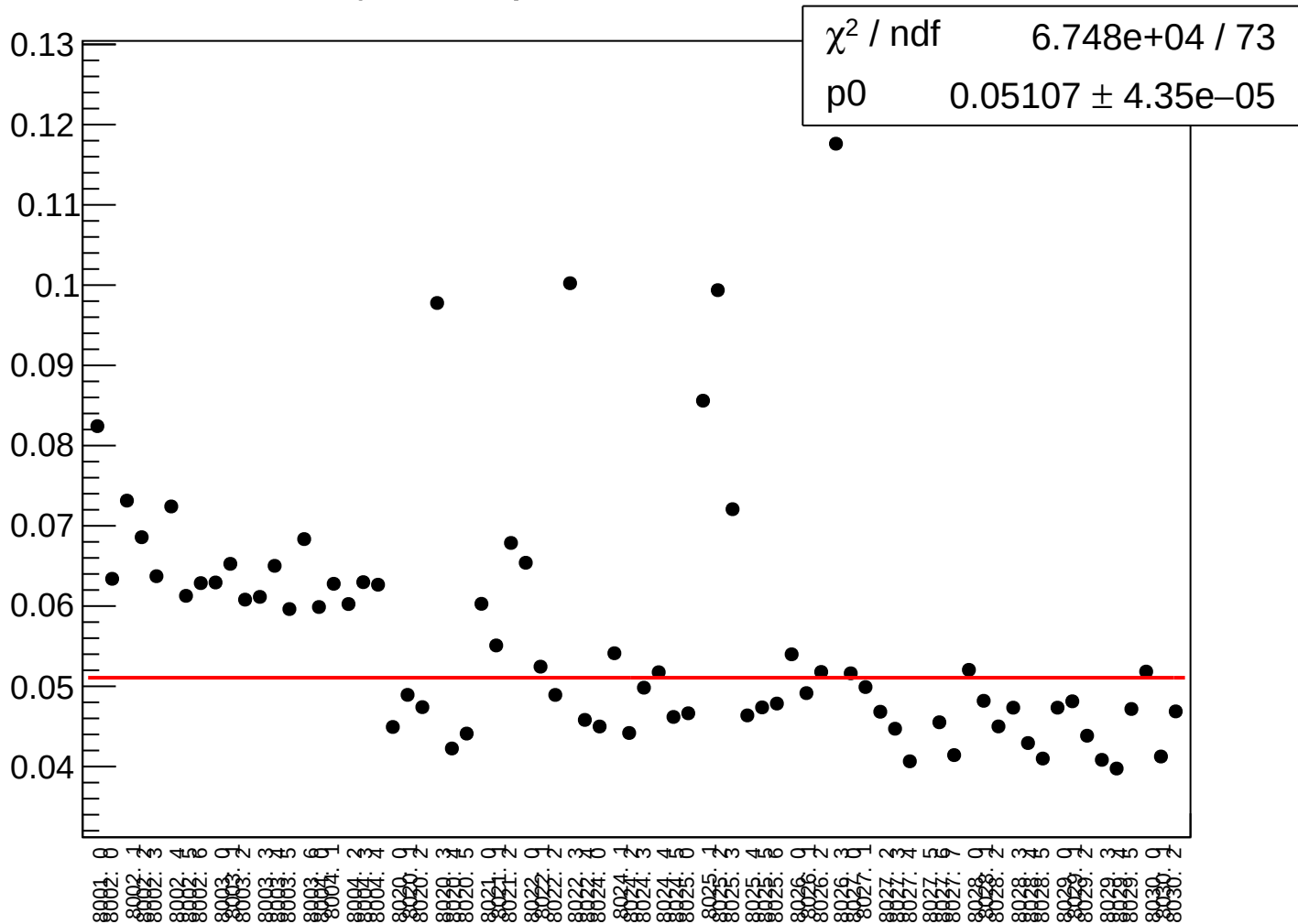
# yield\_bpm4aY\_rms vs run



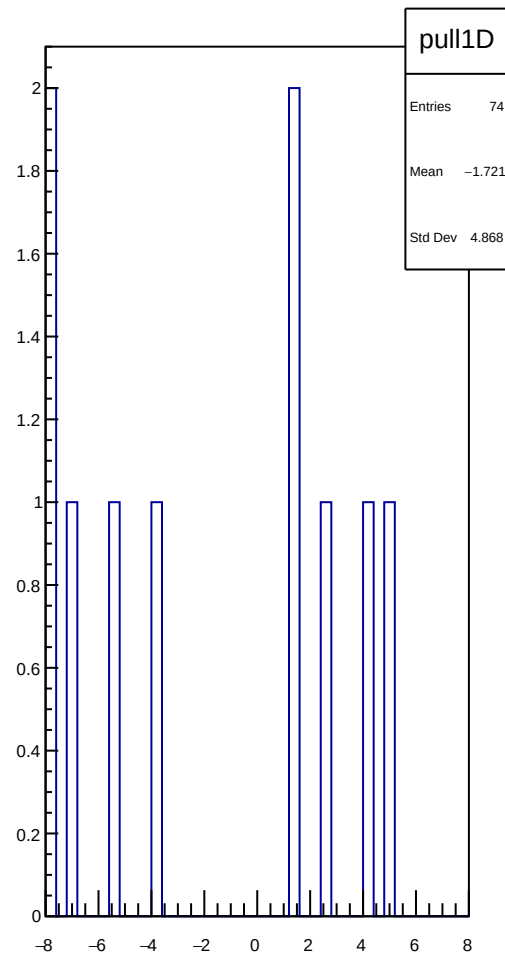
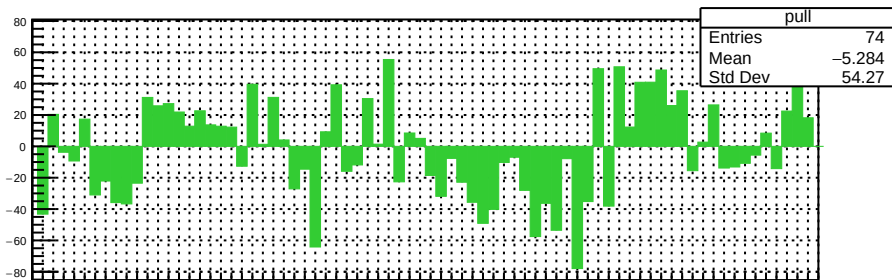
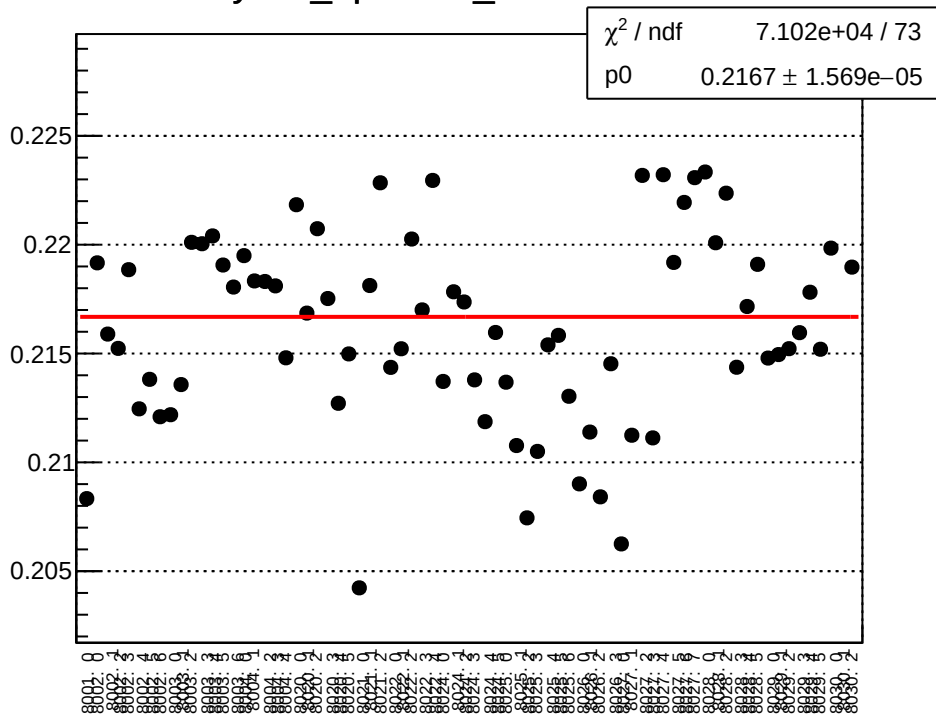
# yield\_bpm4eX\_mean vs run



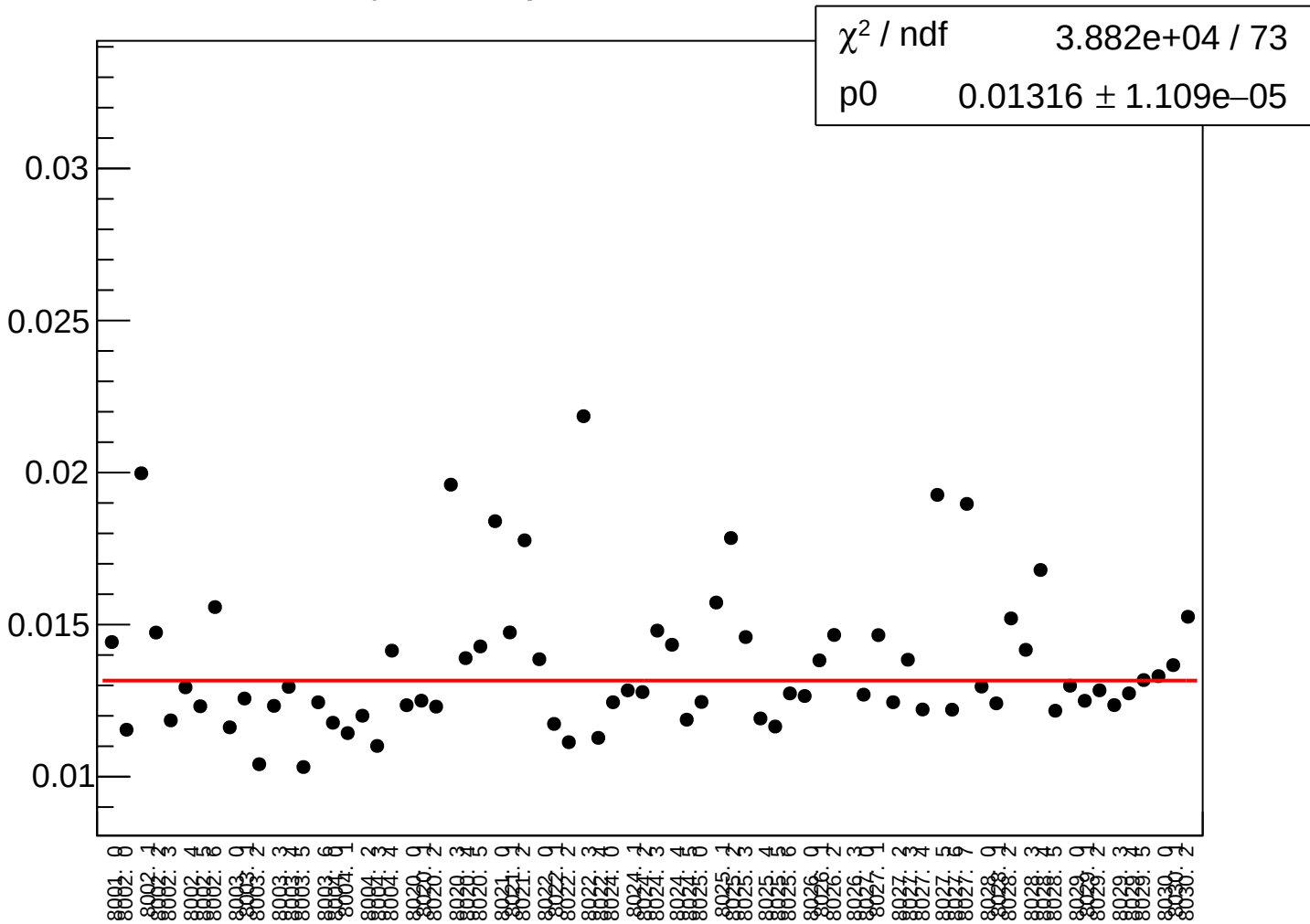
# yield\_bpm4eX\_rms vs run



# yield\_bpm4eY\_mean vs run

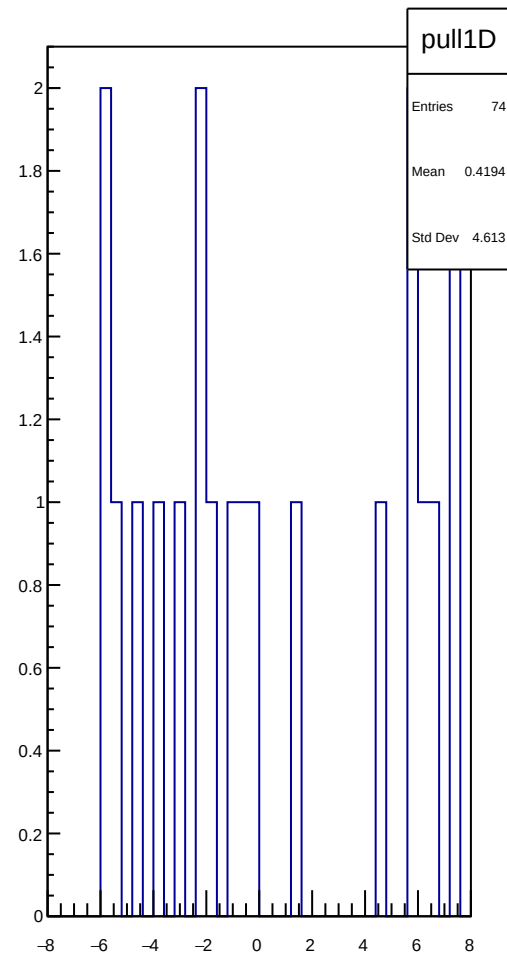
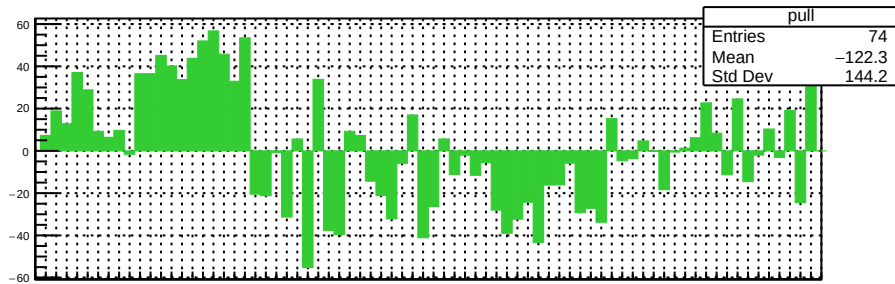
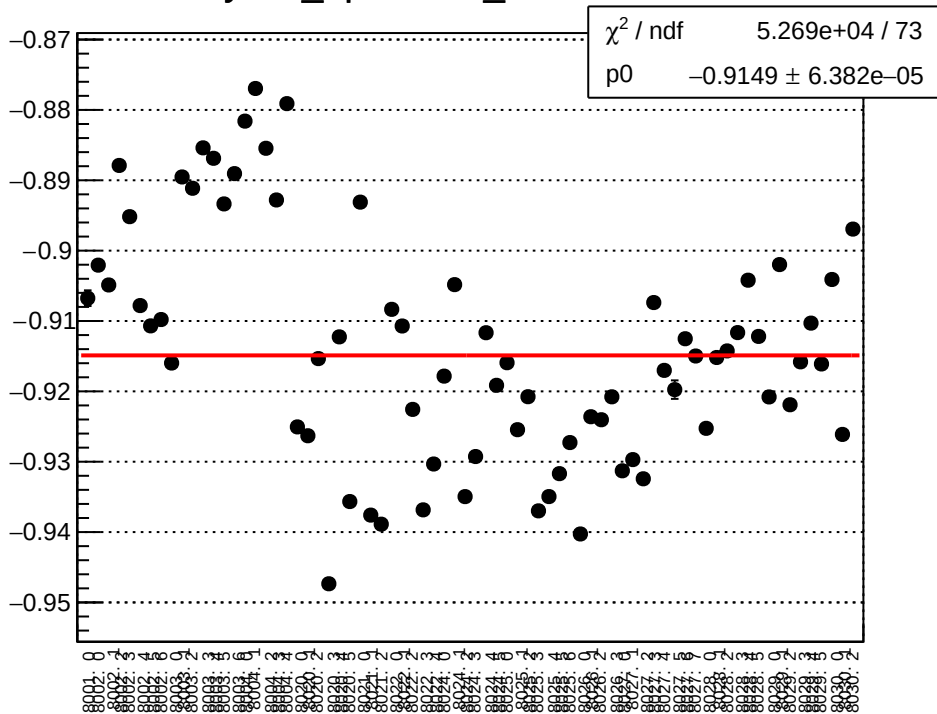


# yield\_bpm4eY\_rms vs run

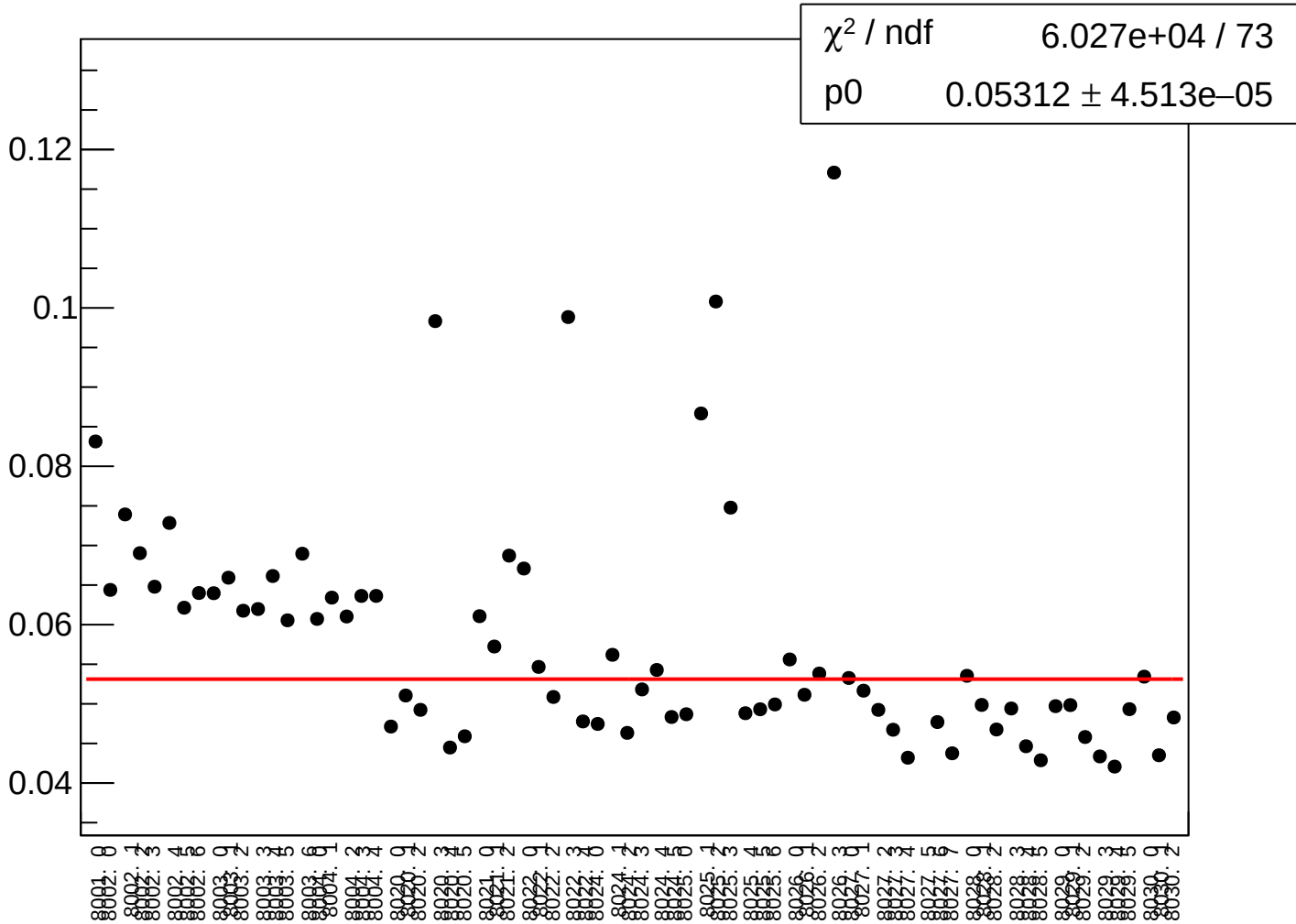




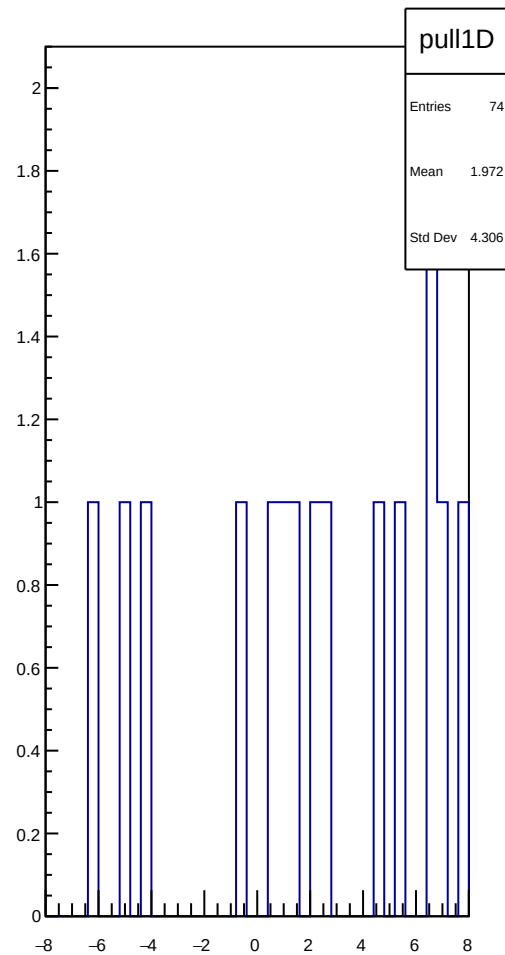
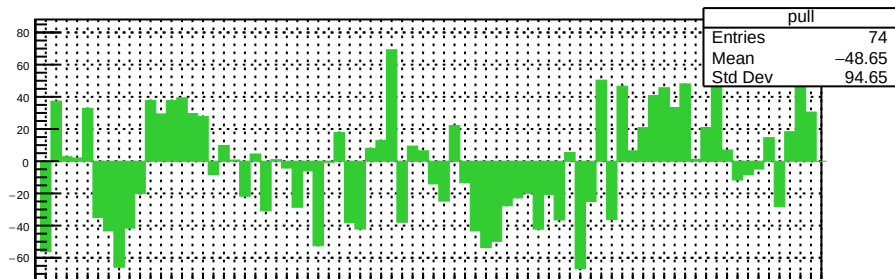
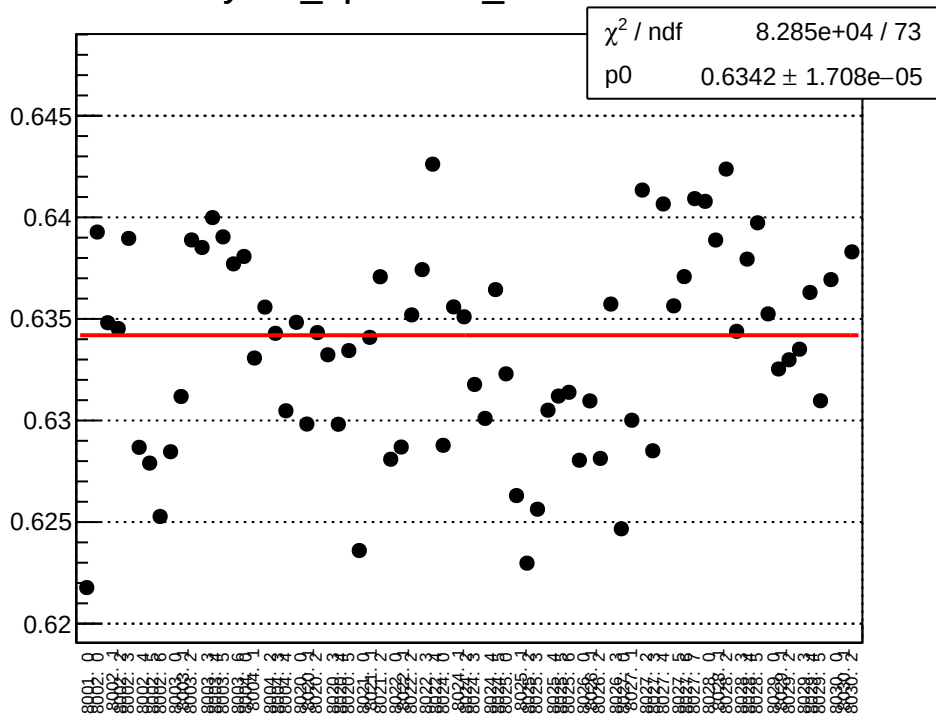
yield\_bpm4acX\_mean vs run



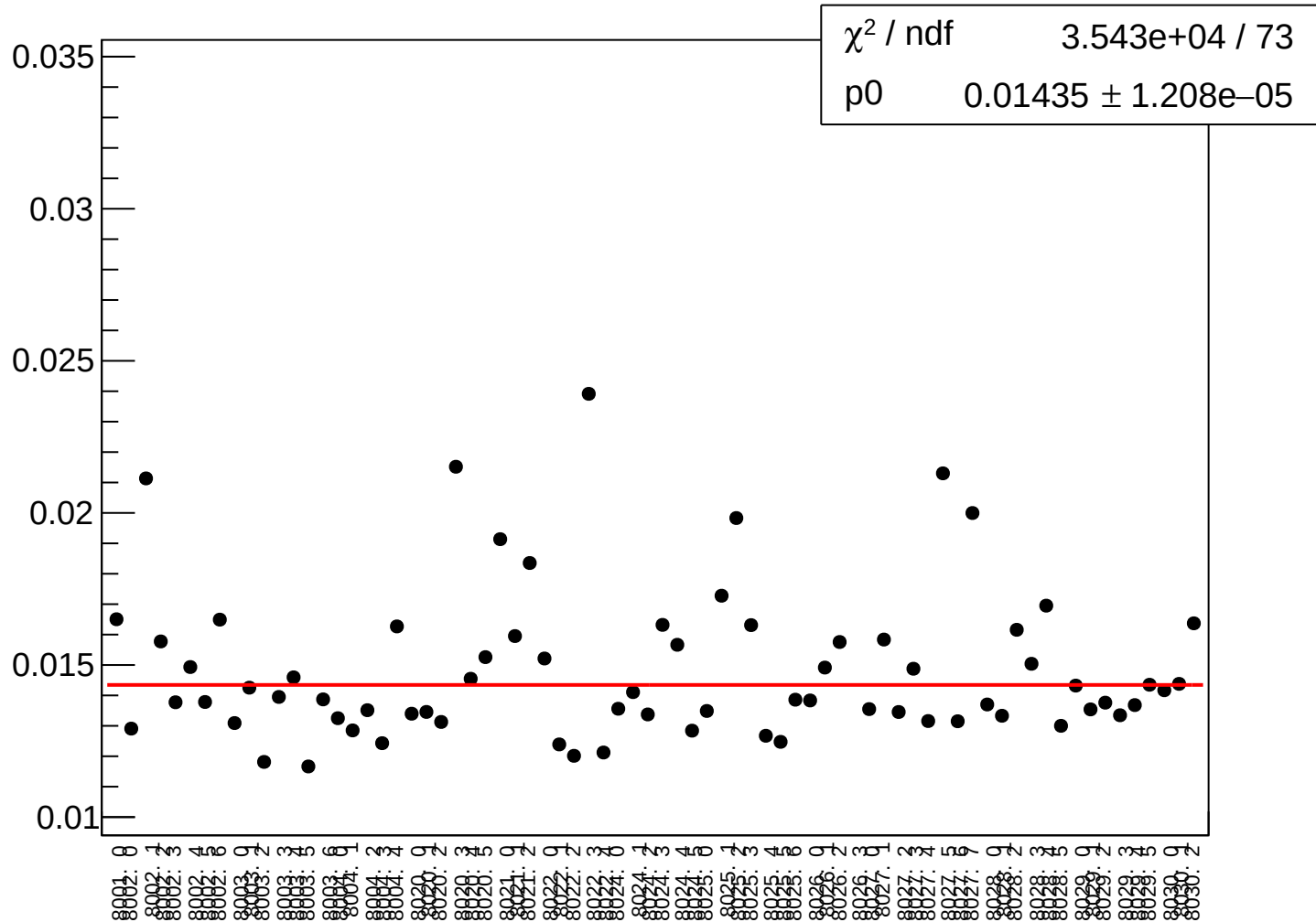
# yield\_bpm4acX\_rms vs run



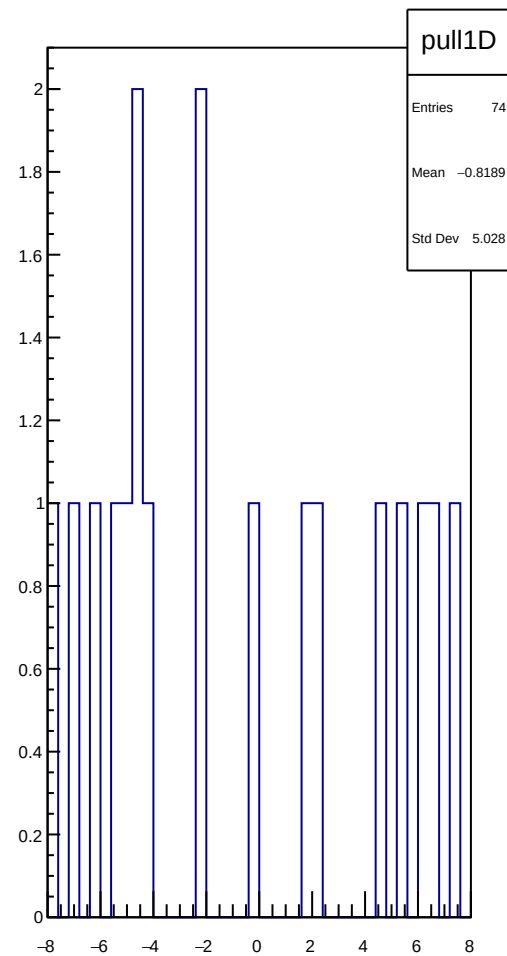
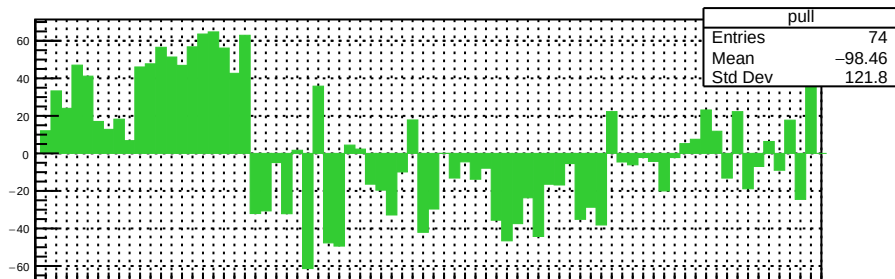
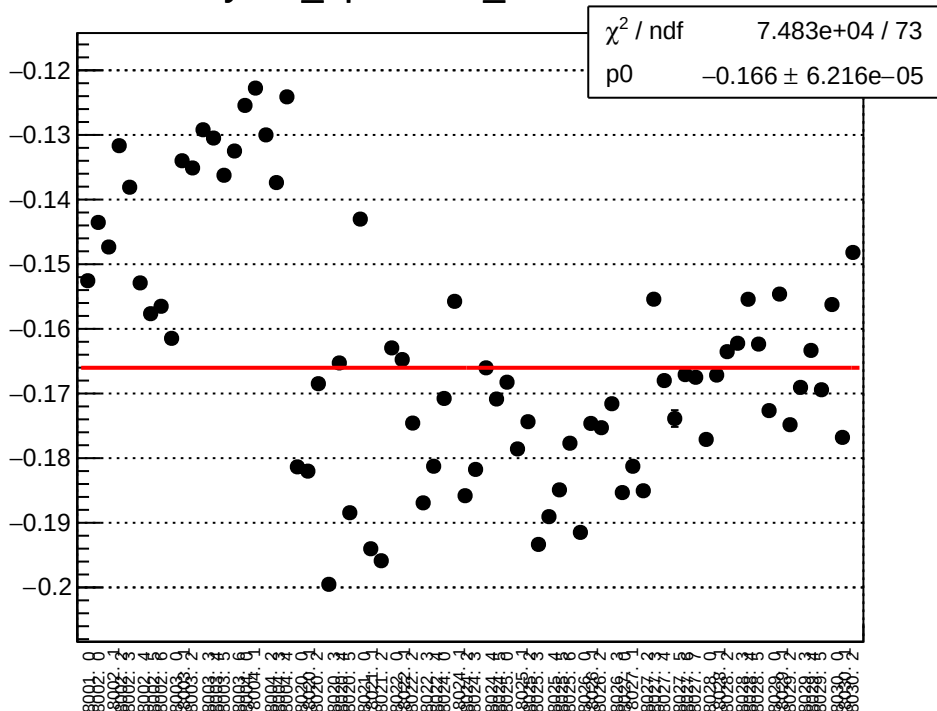
# yield\_bpm4acY\_mean vs run



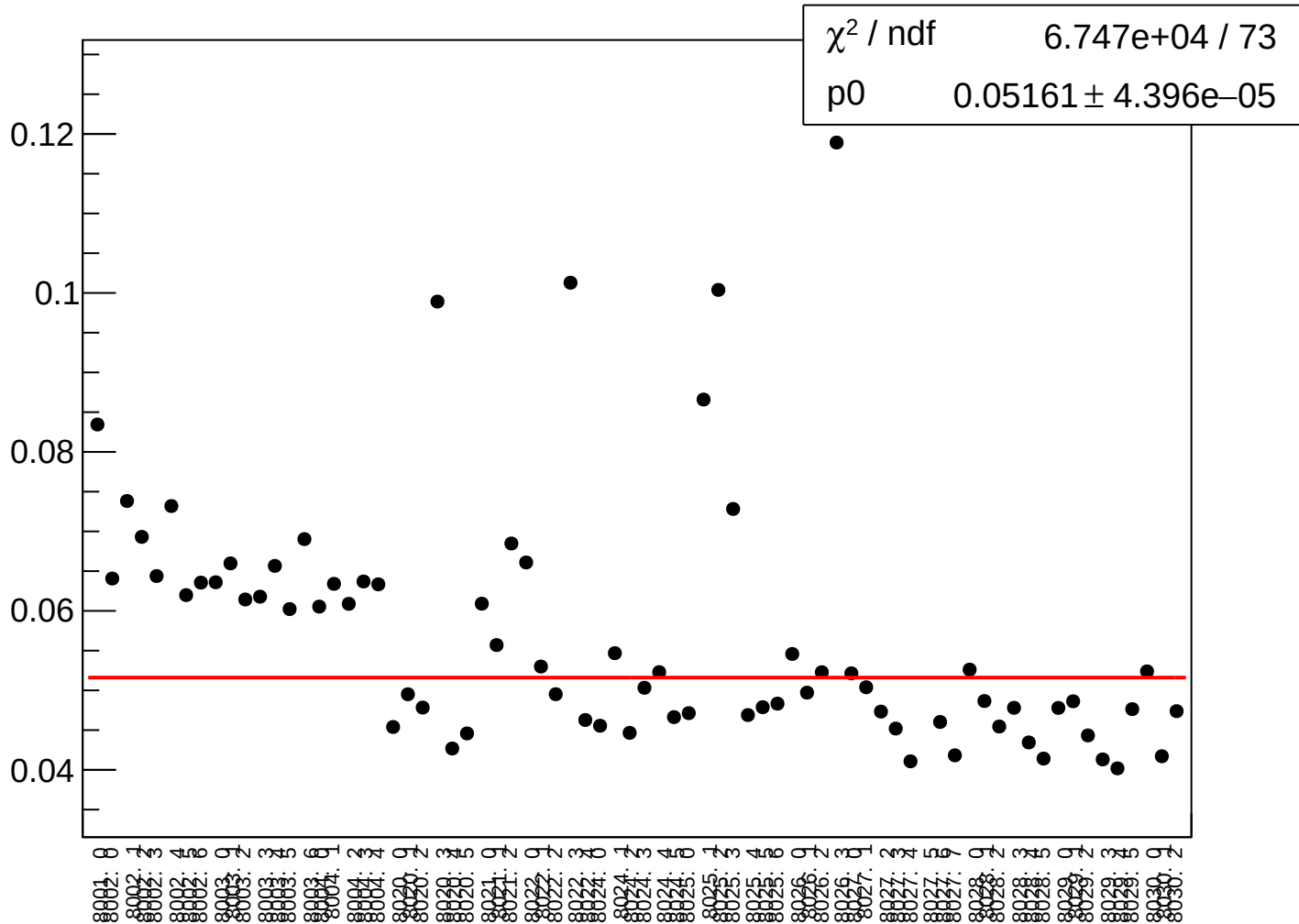
# yield\_bpm4acY\_rms vs run



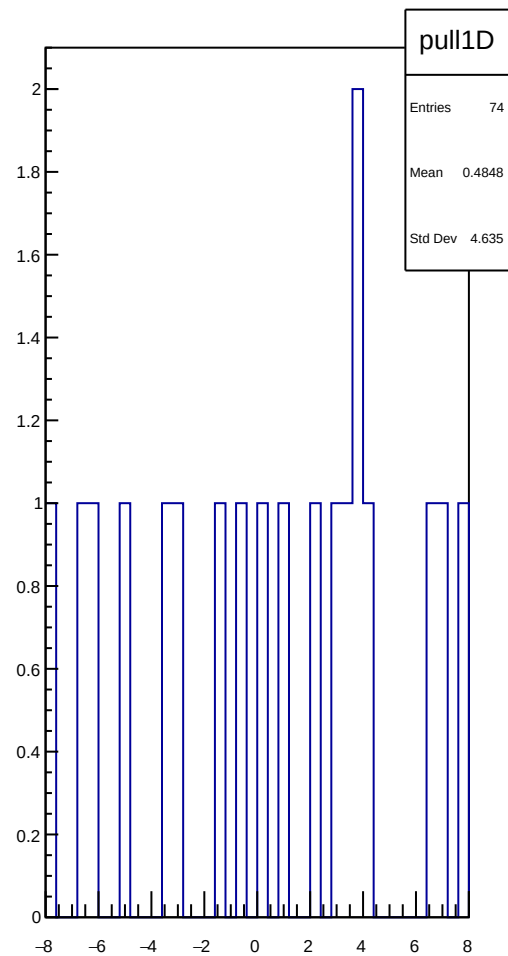
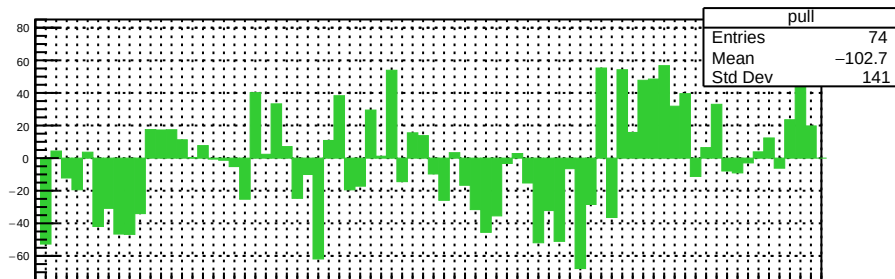
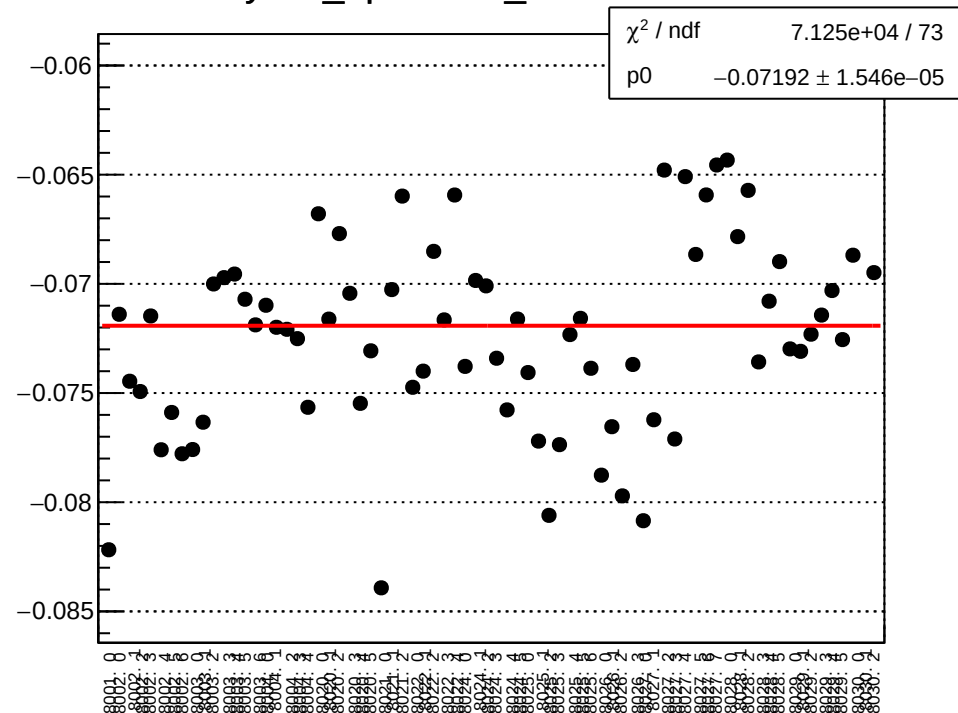
yield\_bpm4ecX\_mean vs run



# yield\_bpm4ecX\_rms vs run



yield\_bpm4ecY\_mean vs run



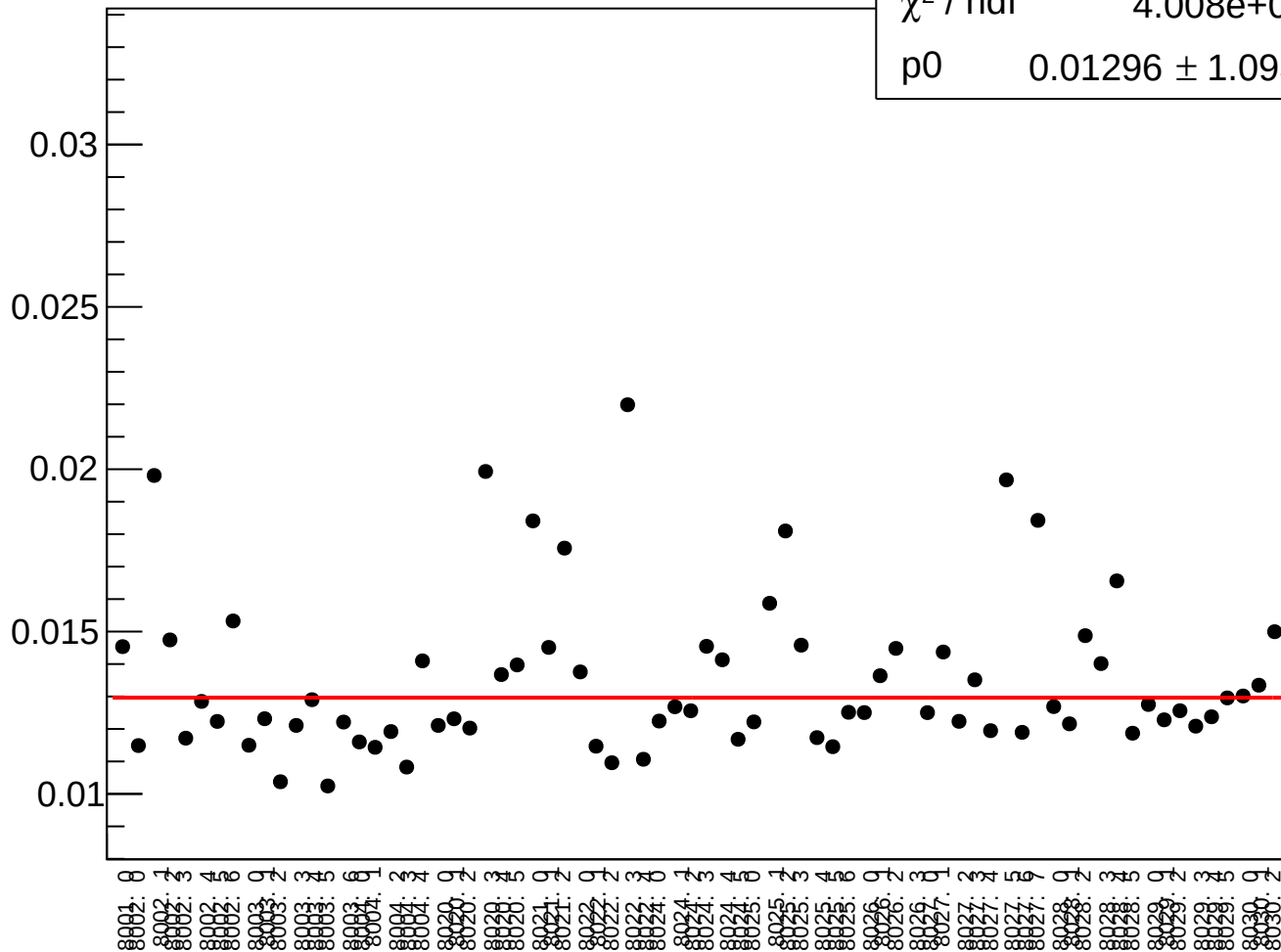
# yield\_bpm4ecY\_rms vs run

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

4.008e+04 / 73

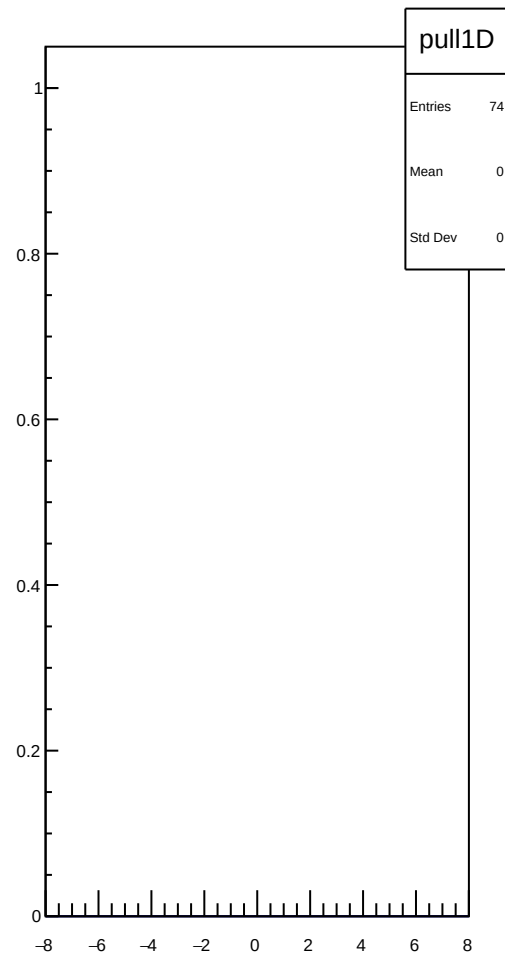
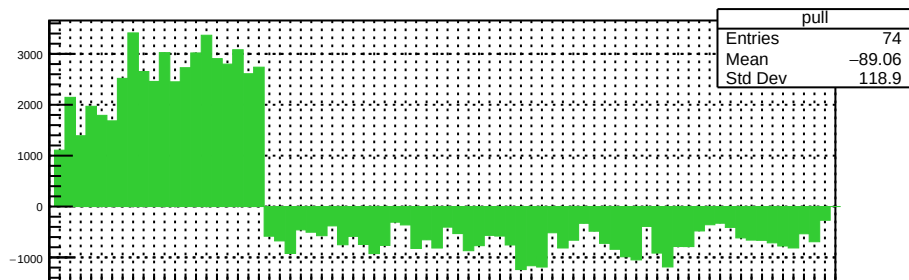
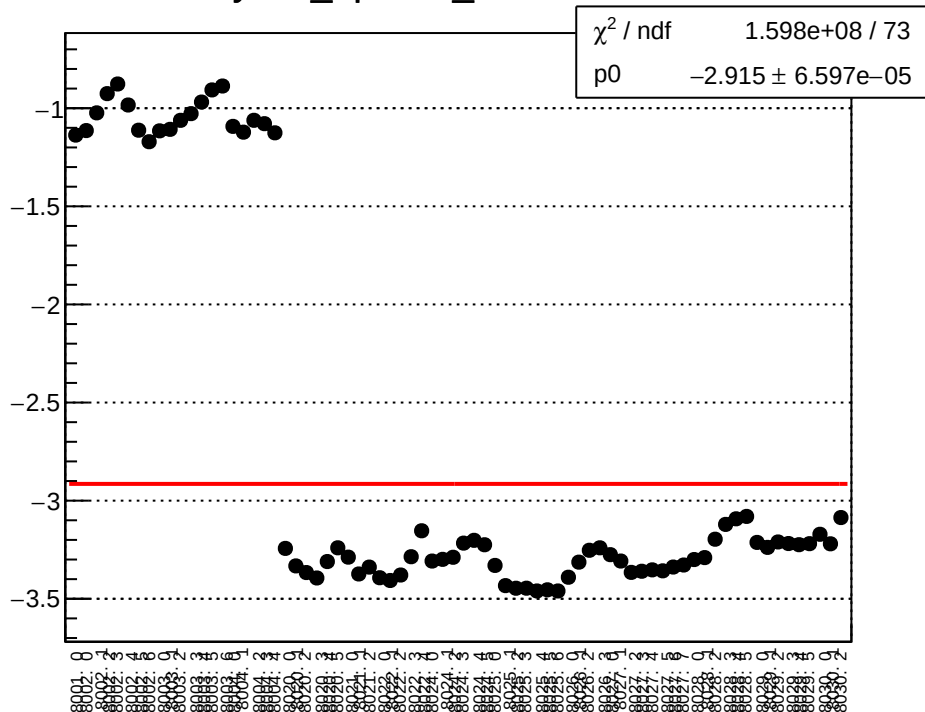
p0

$0.01296 \pm 1.093\text{e-}05$

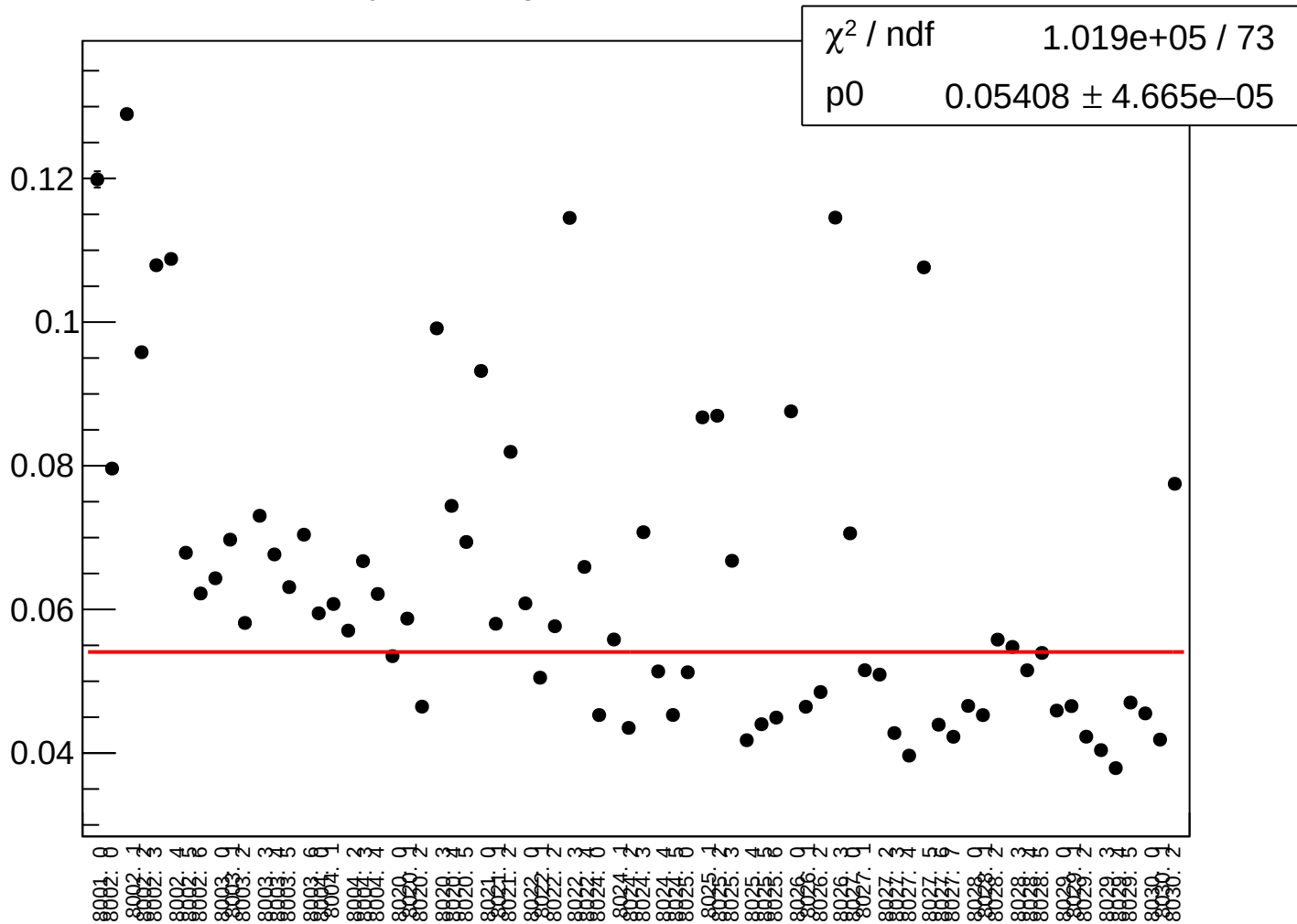




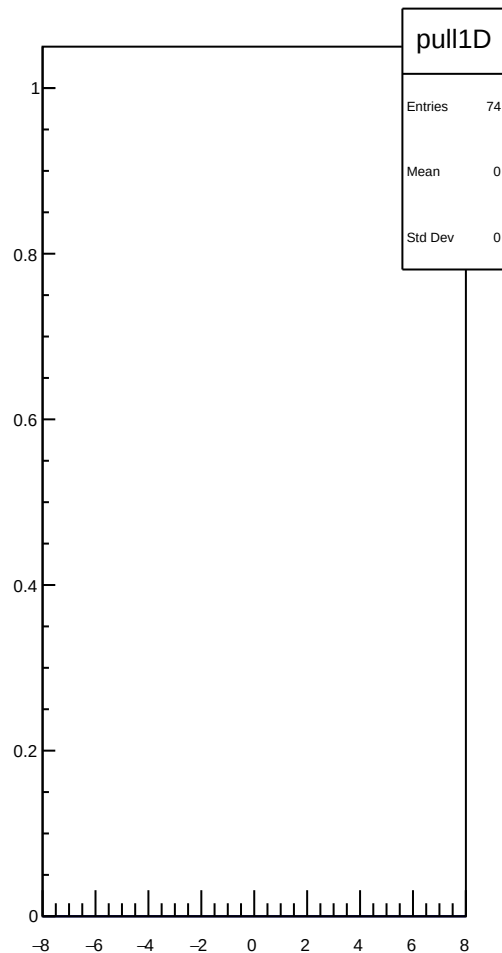
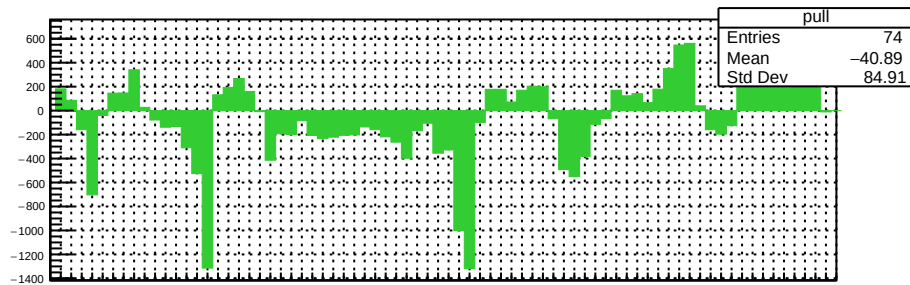
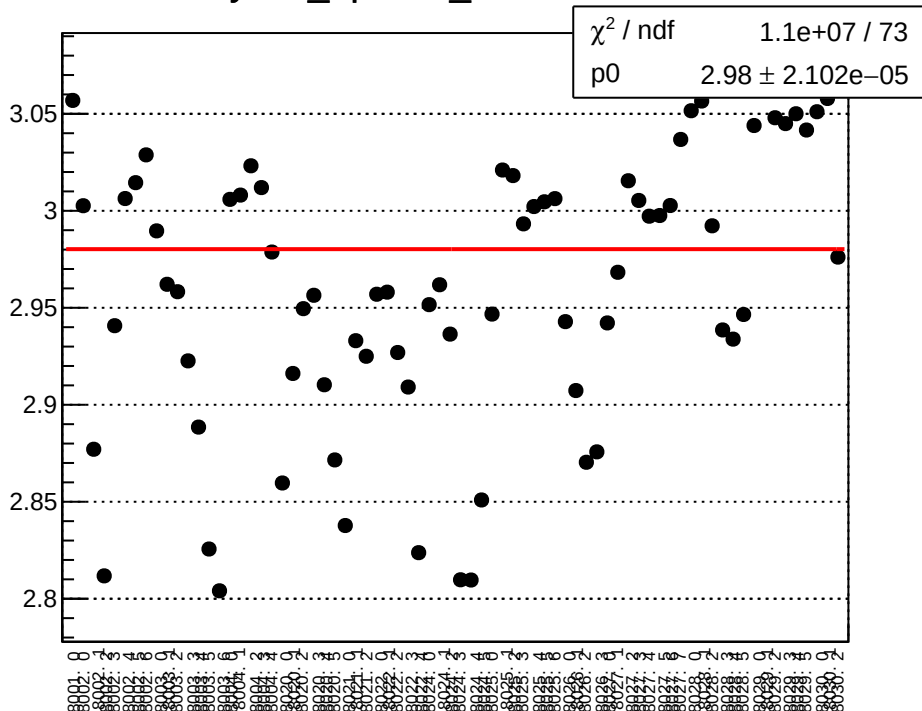
# yield\_bpm1X\_mean vs run



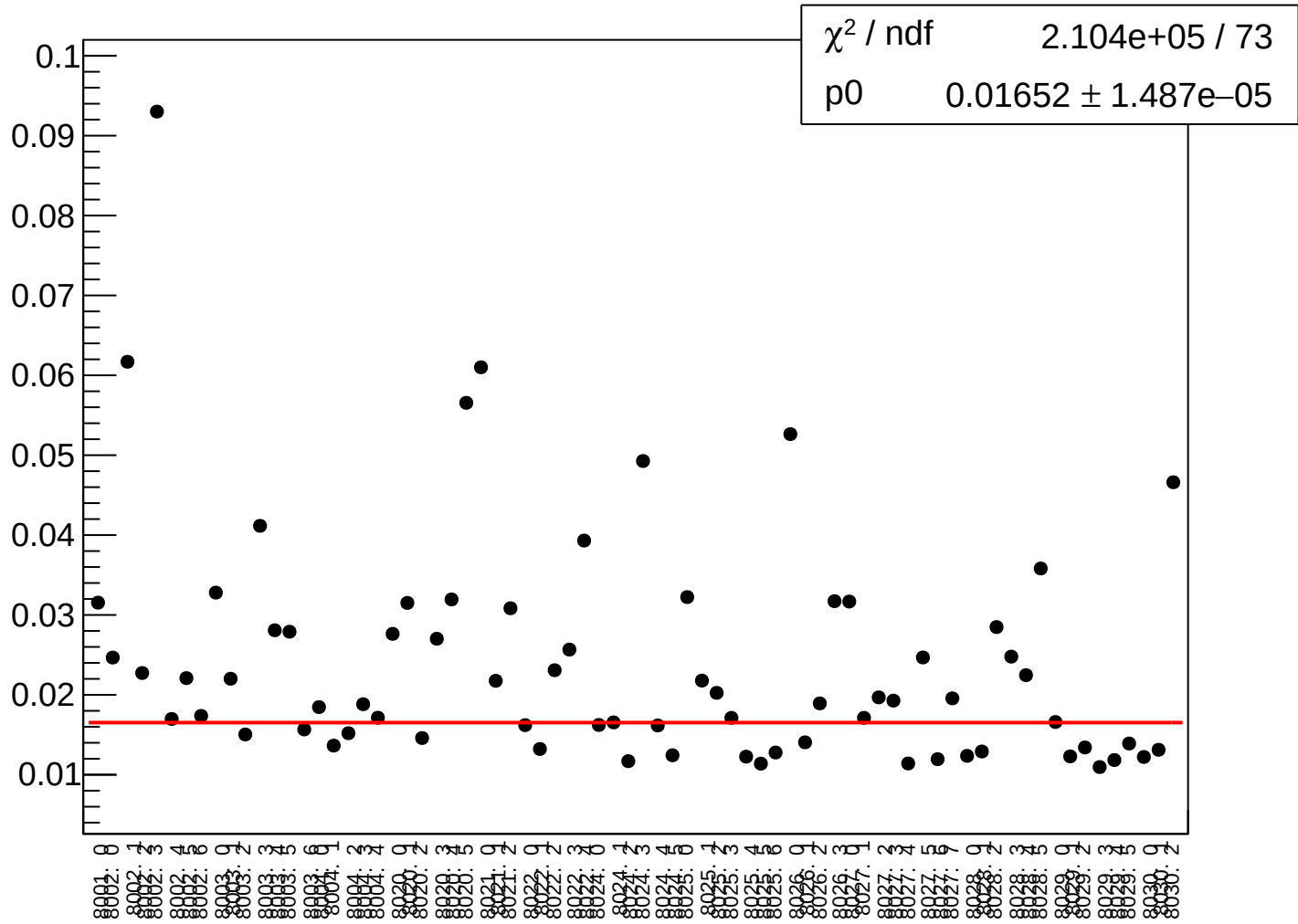
# yield\_bpm1X\_rms vs run



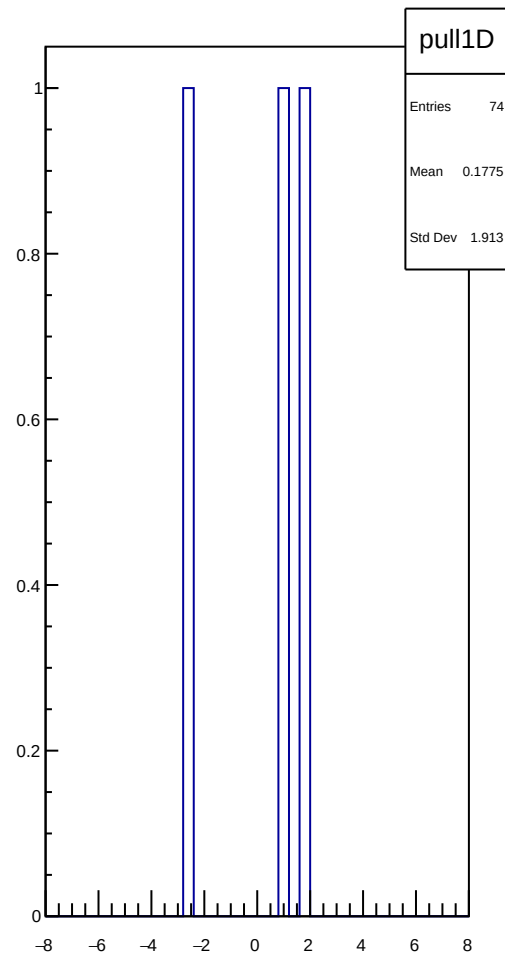
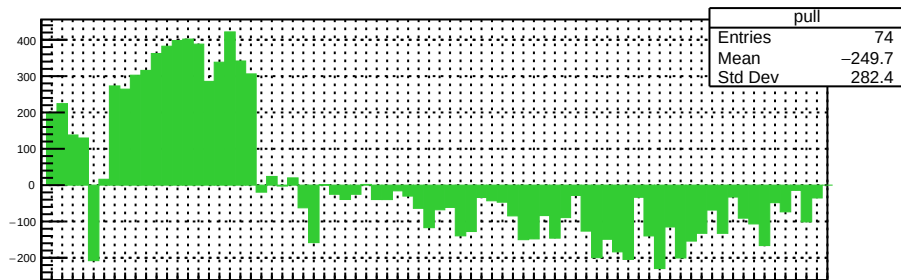
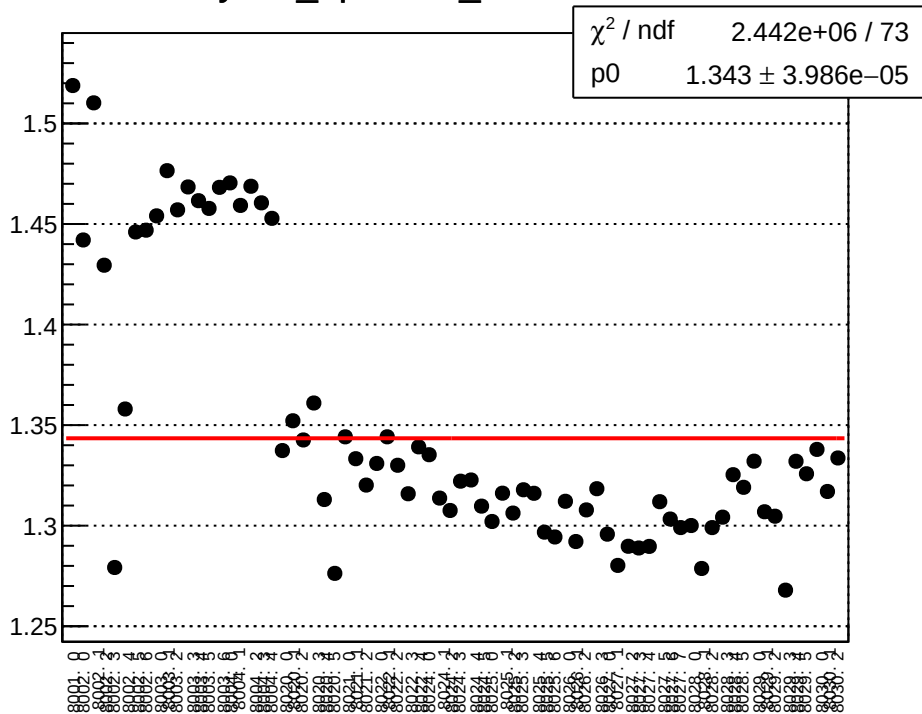
yield\_bpm1Y\_mean vs run



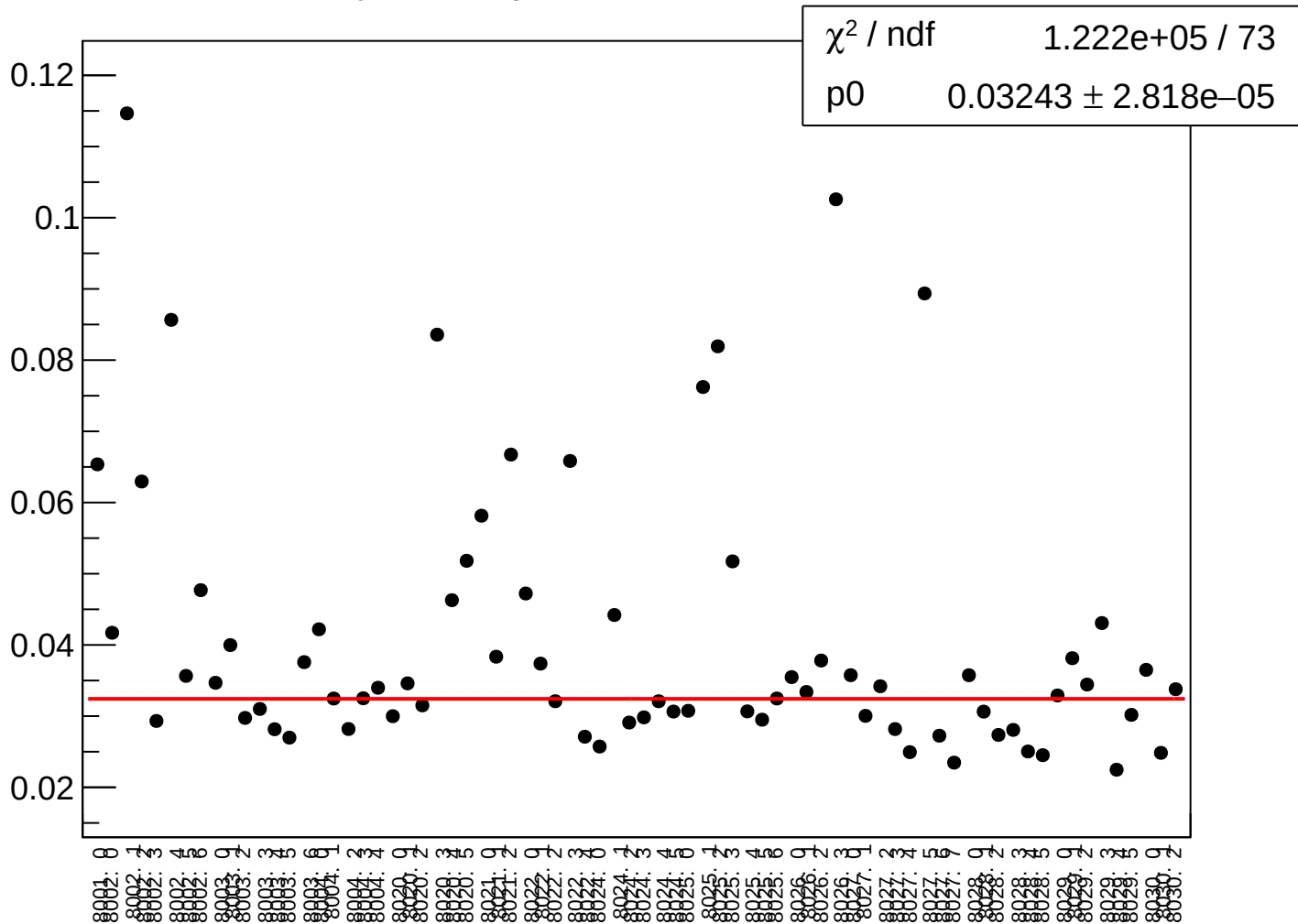
# yield\_bpm1Y\_rms vs run



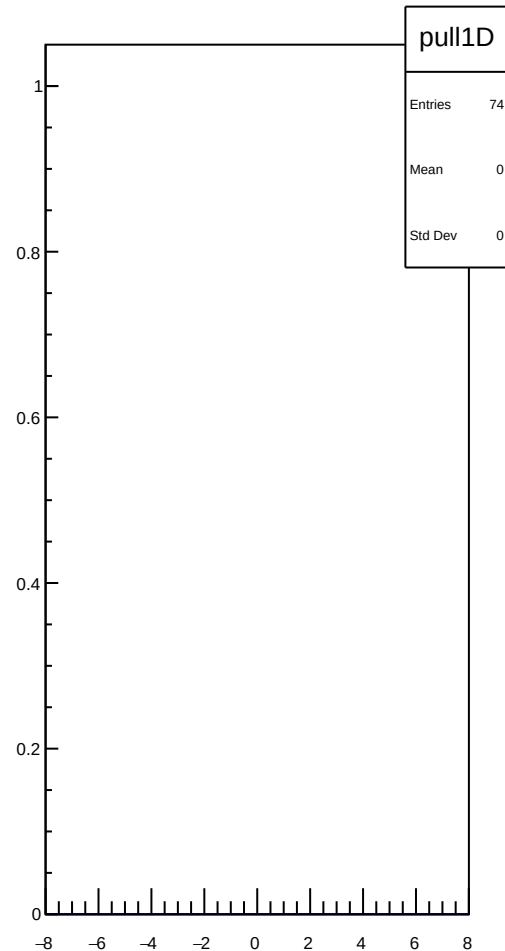
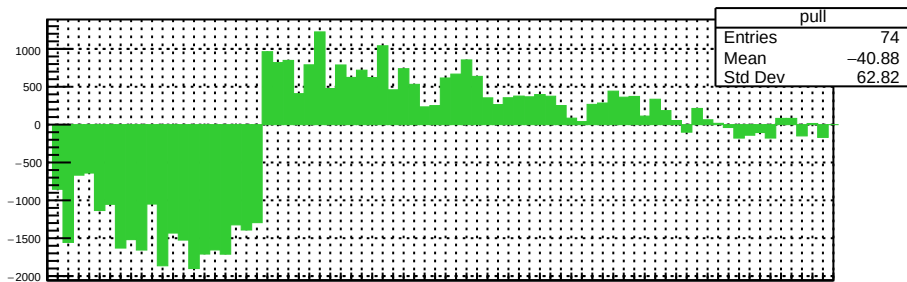
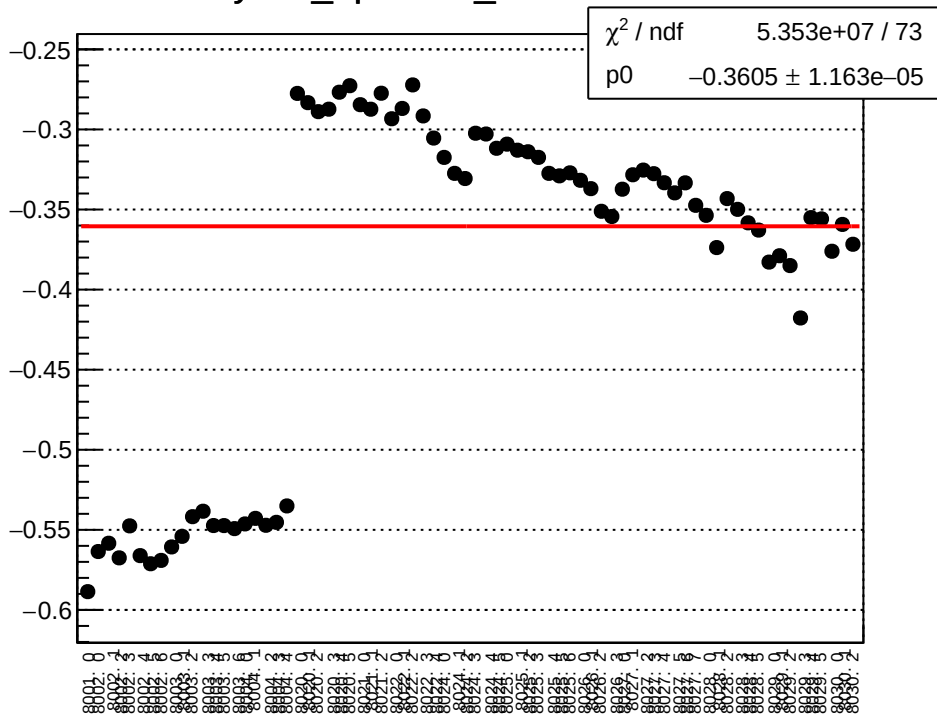
# yield\_bpm11X\_mean vs run



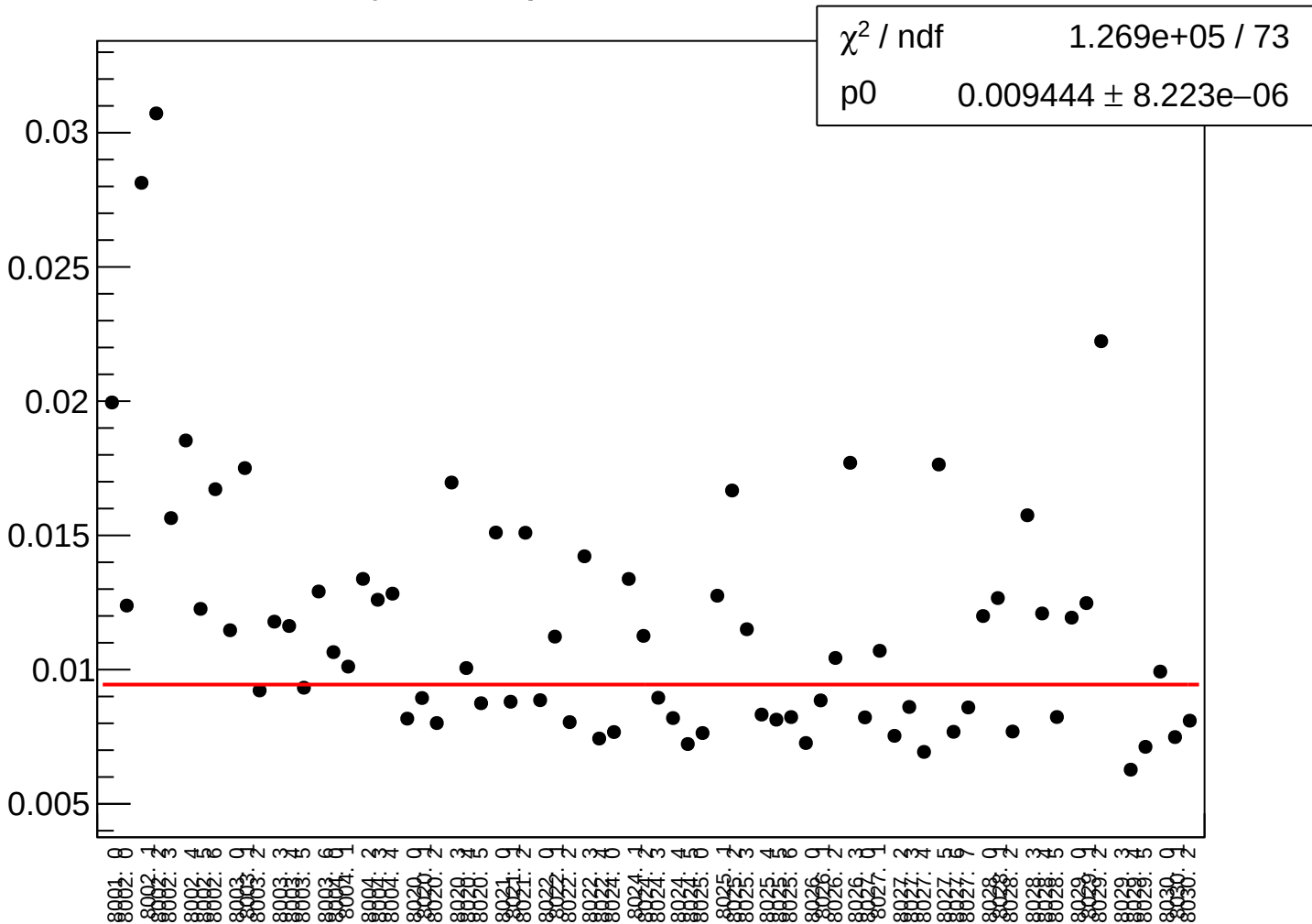
# yield\_bpm11X\_rms vs run



# yield\_bpm11Y\_mean vs run

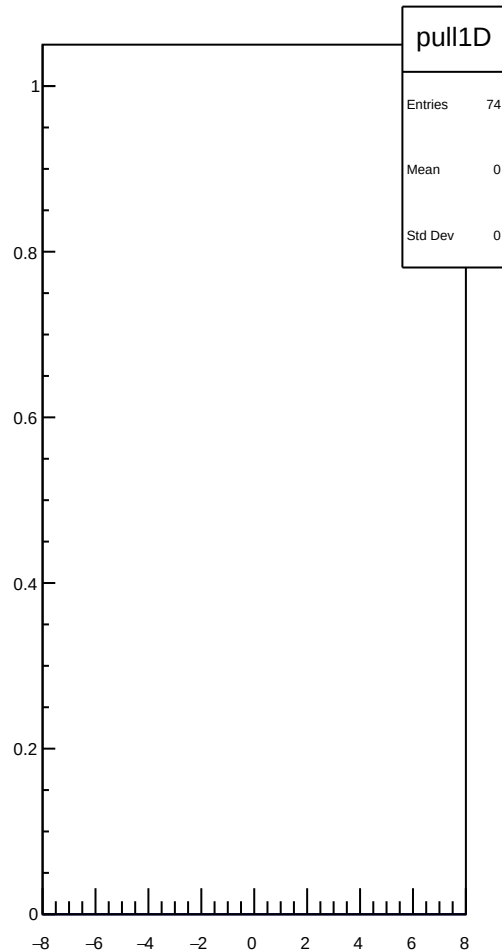
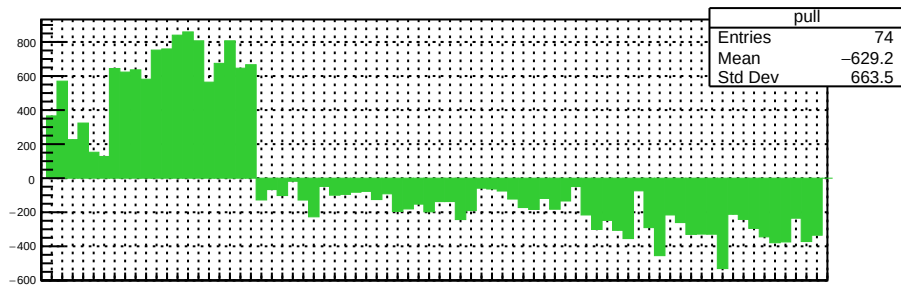
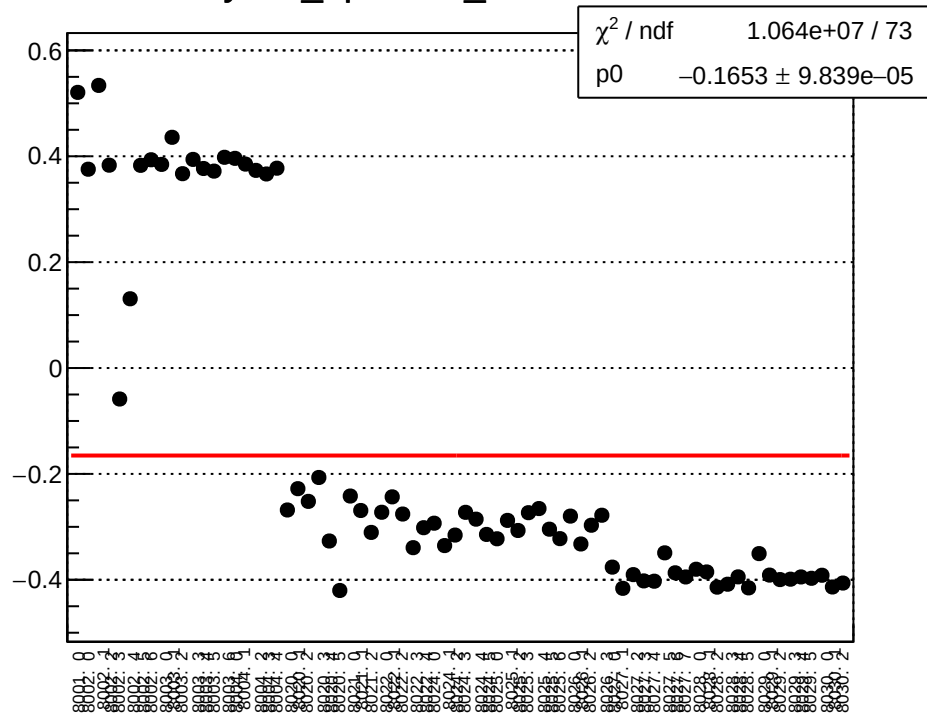


# yield\_bpm11Y\_rms vs run

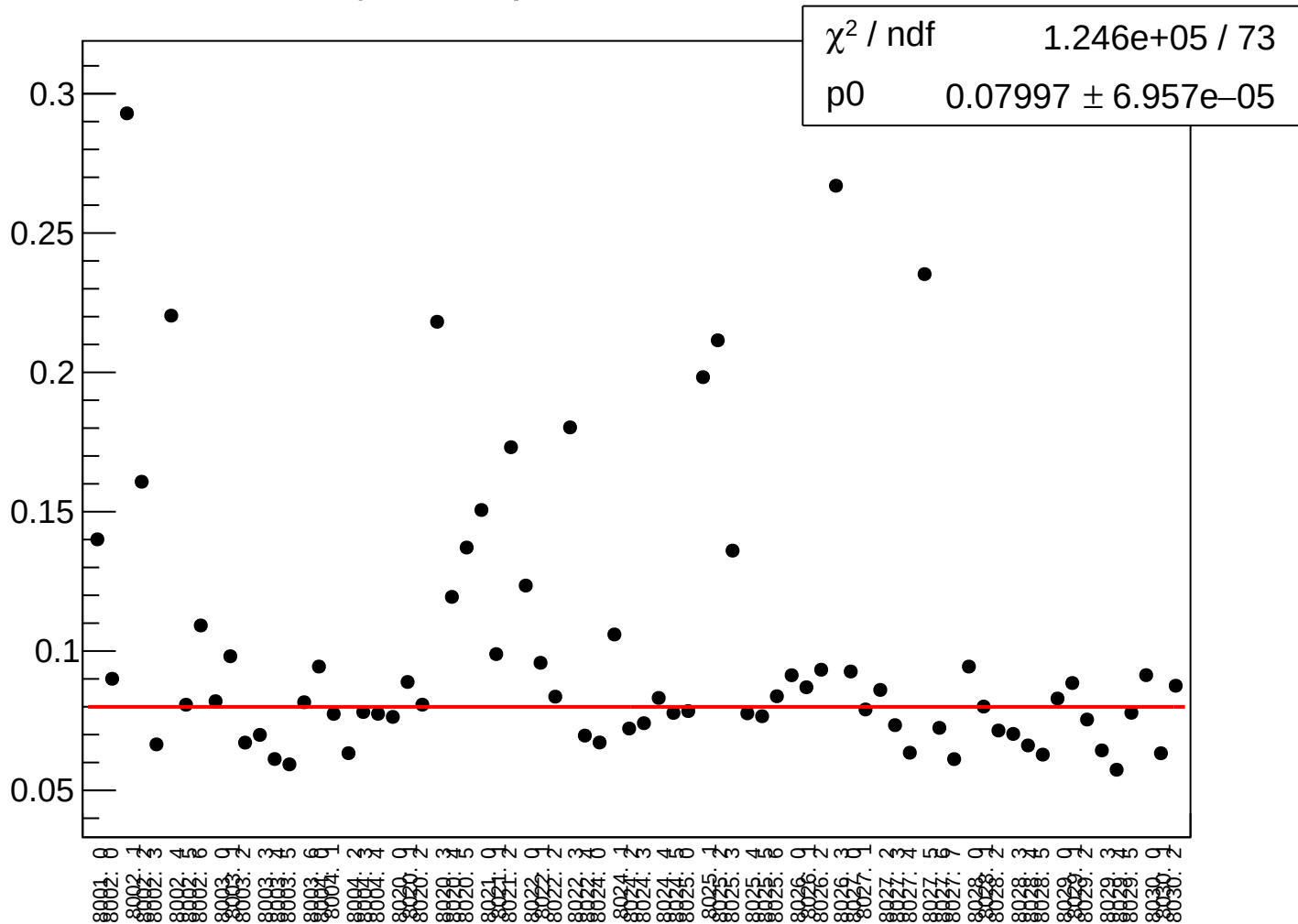




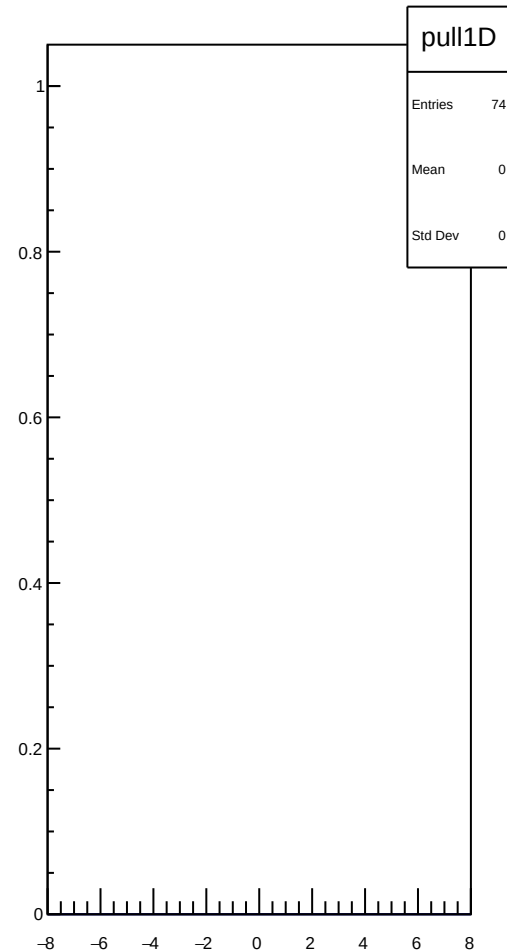
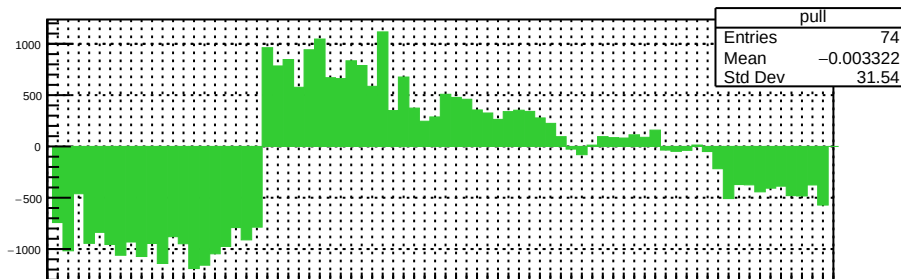
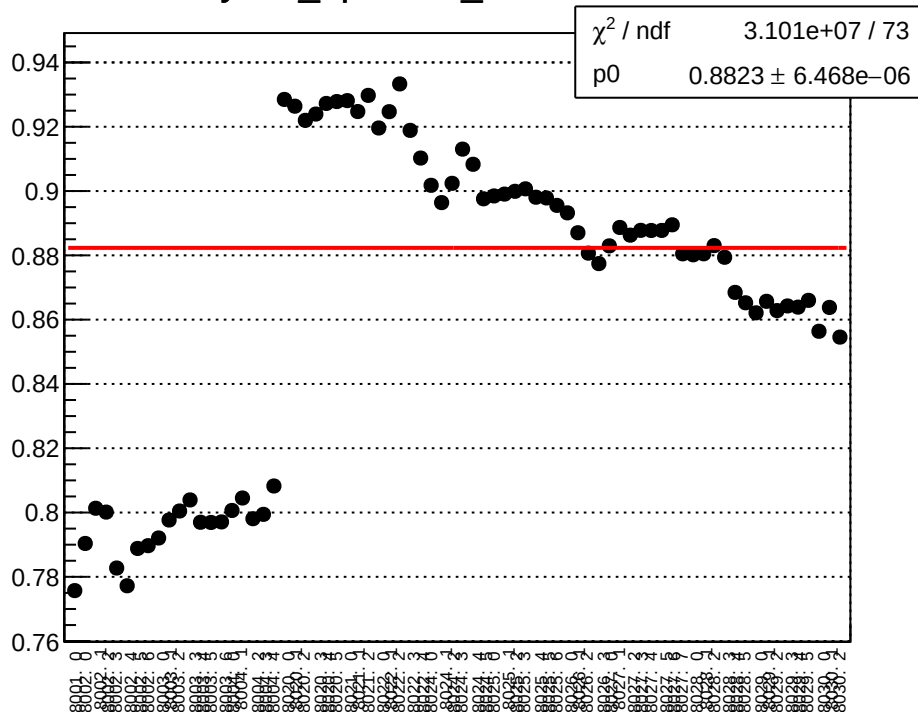
# yield\_bpm12X\_mean vs run



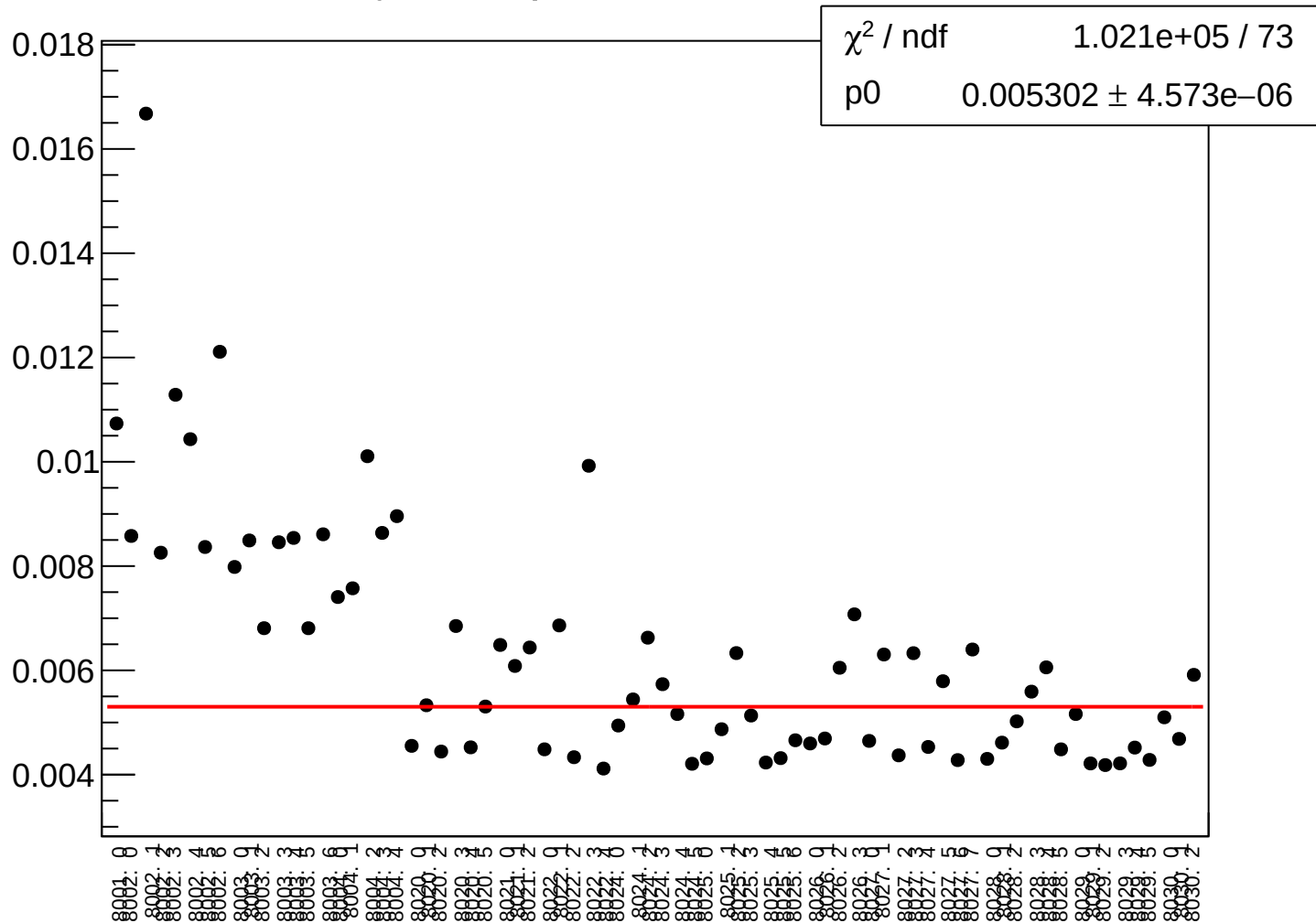
# yield\_bpm12X\_rms vs run



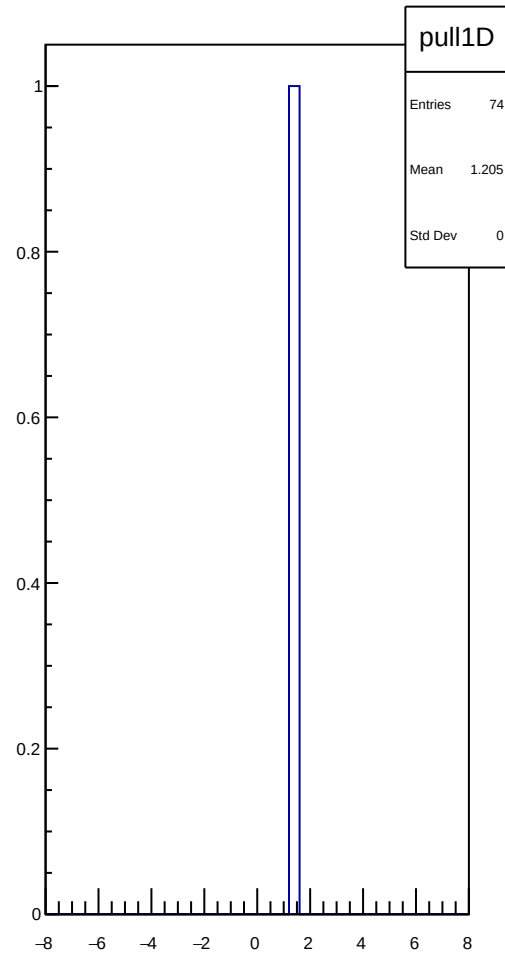
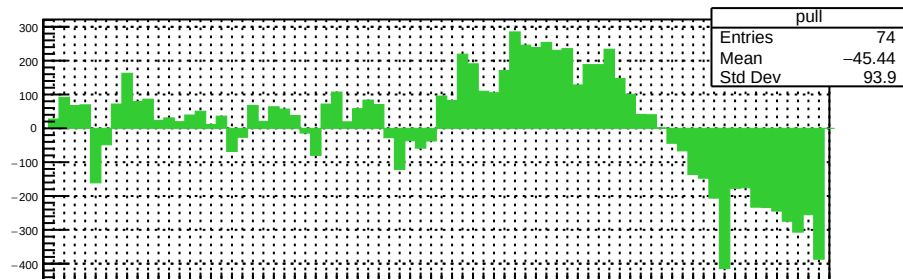
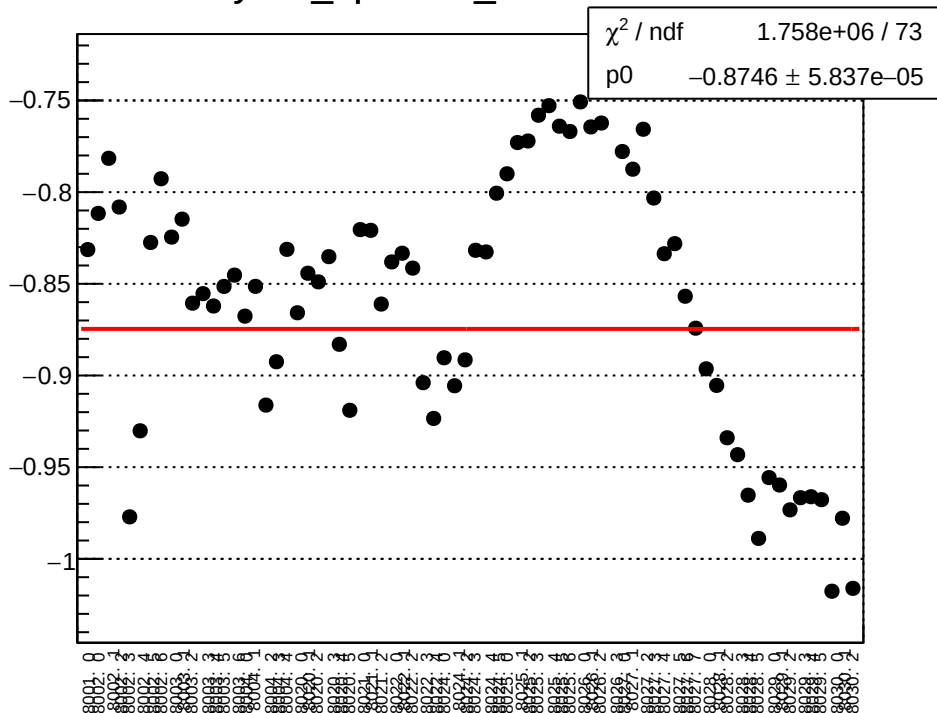
# yield\_bpm12Y\_mean vs run



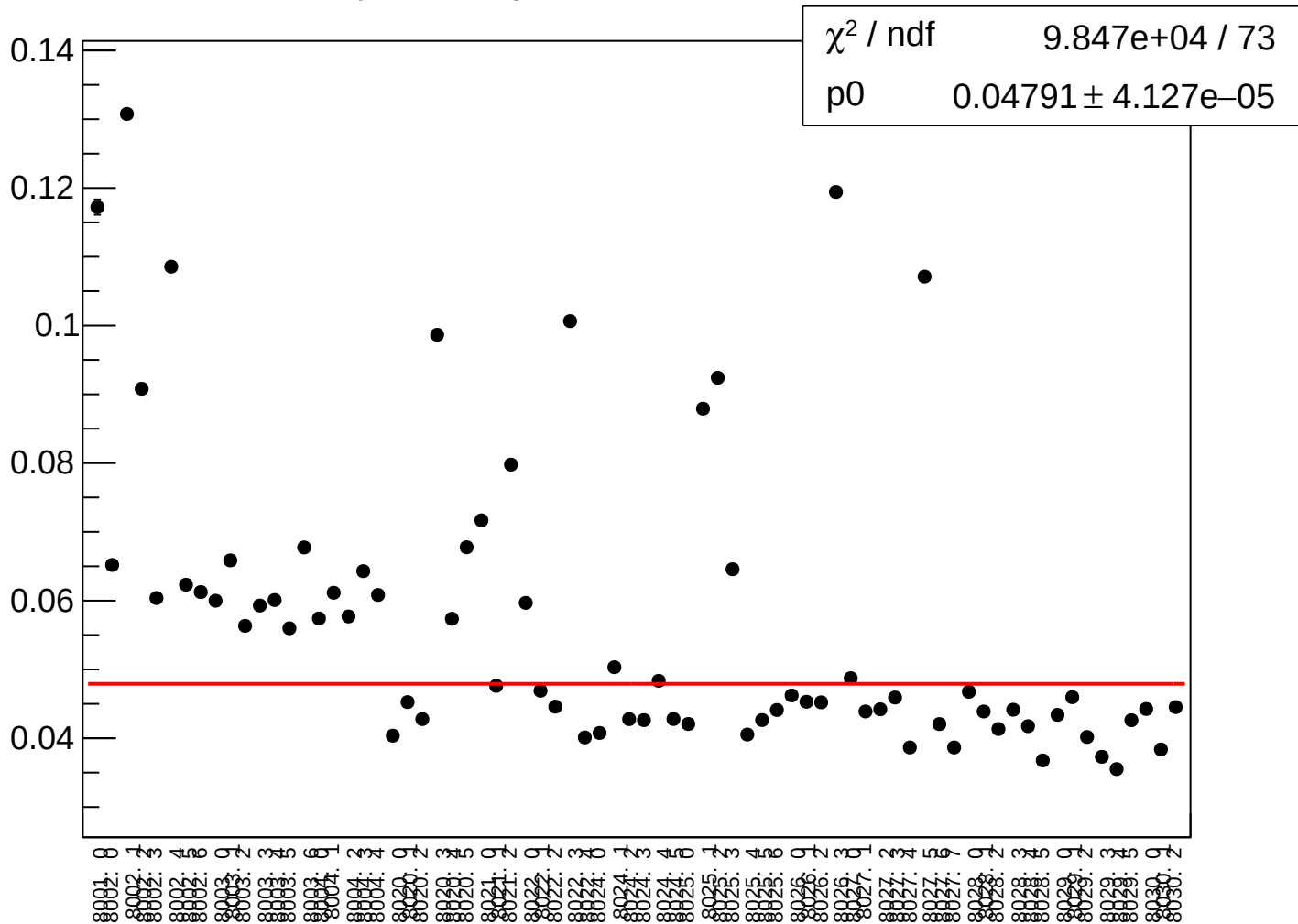
# yield\_bpm12Y\_rms vs run



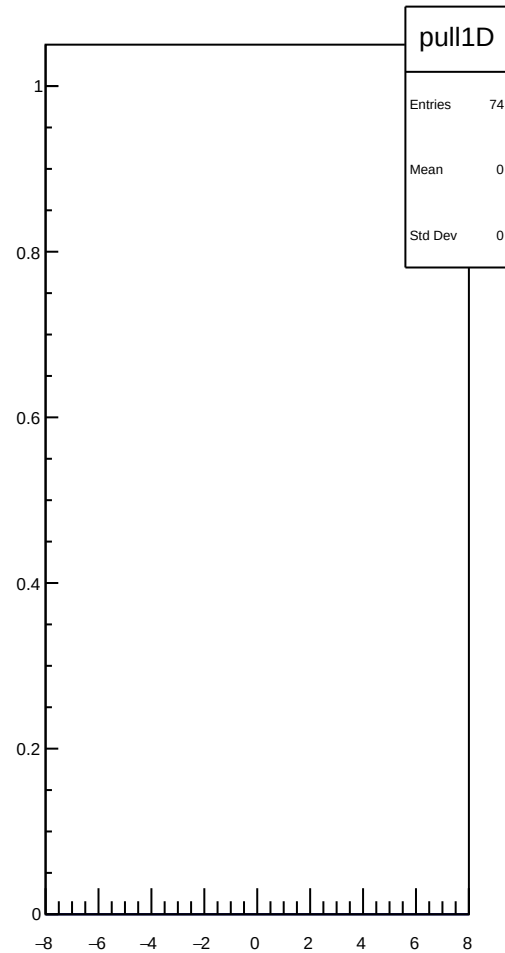
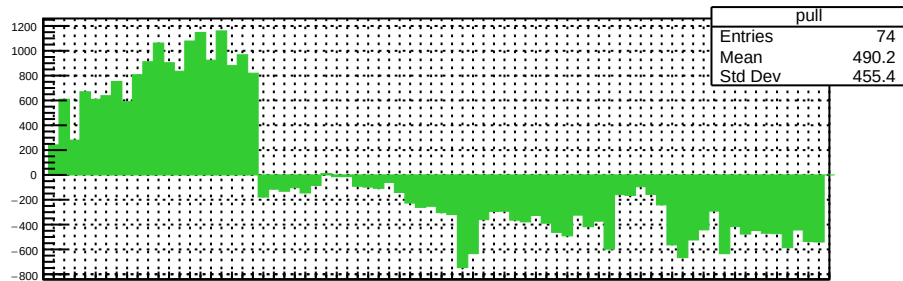
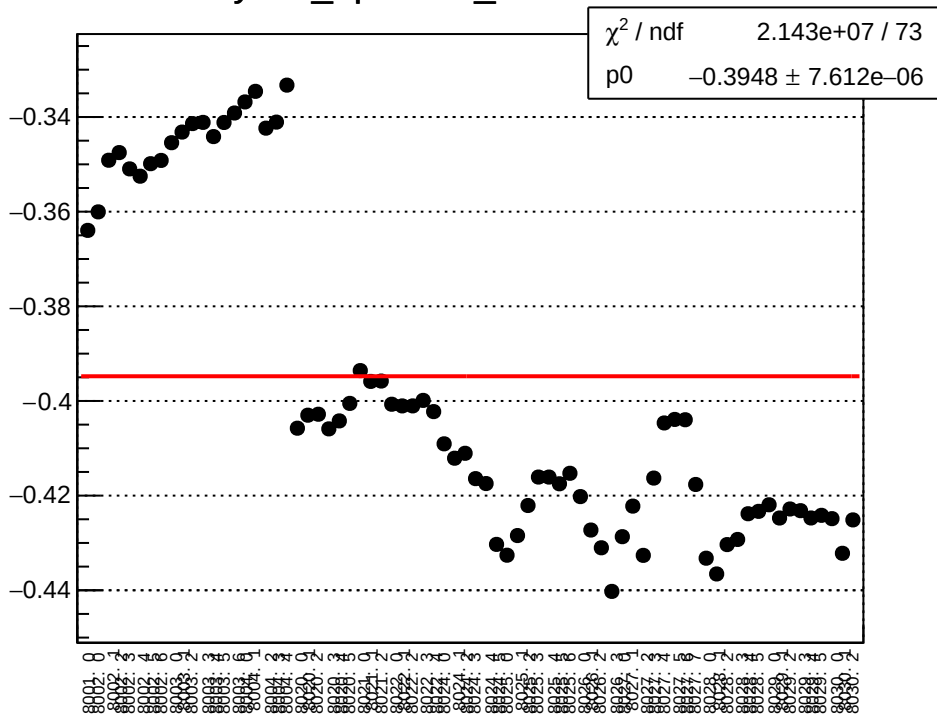
# yield\_bpm16X\_mean vs run



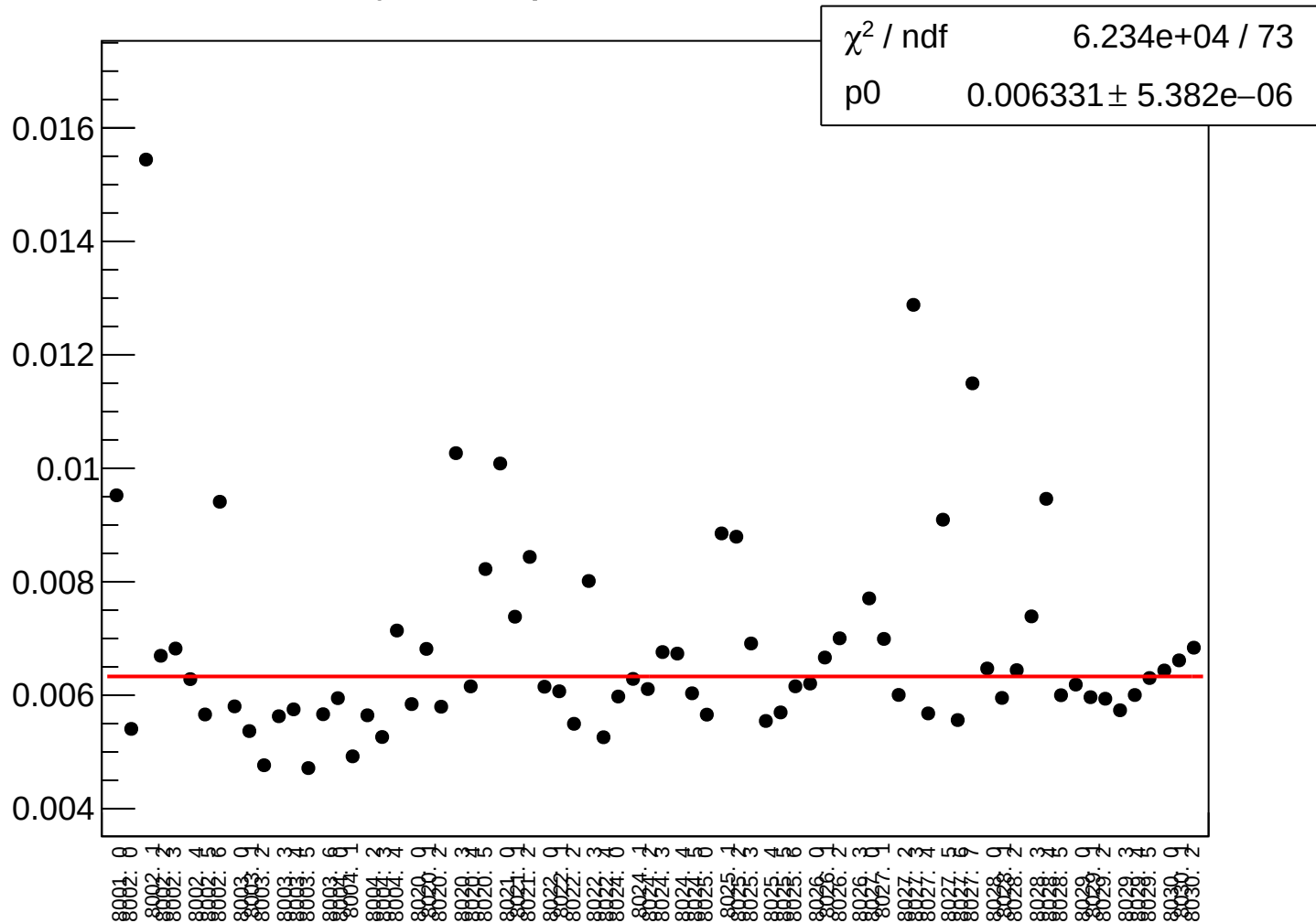
# yield\_bpm16X\_rms vs run



yield\_bpm16Y\_mean vs run

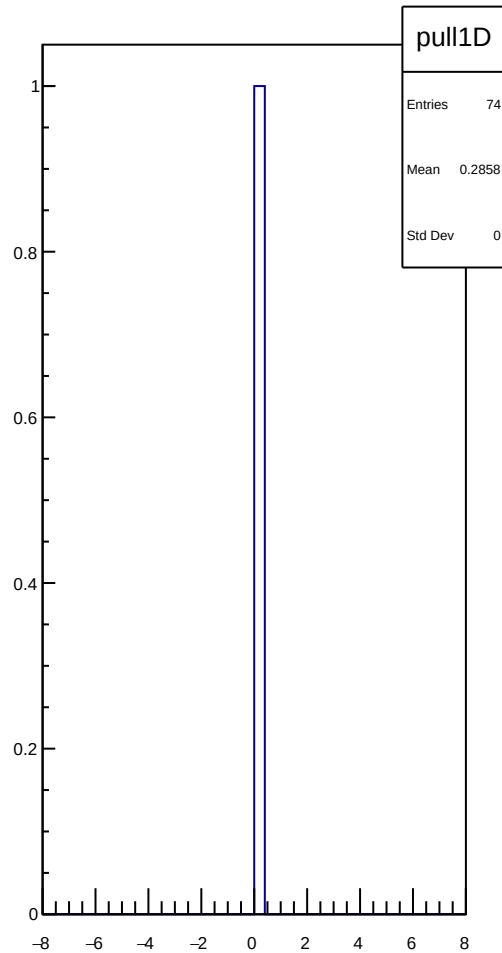
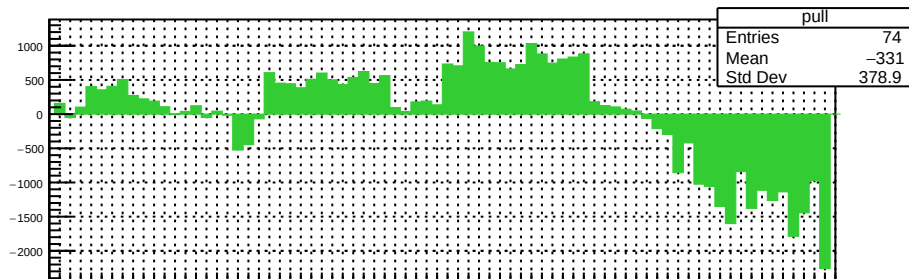
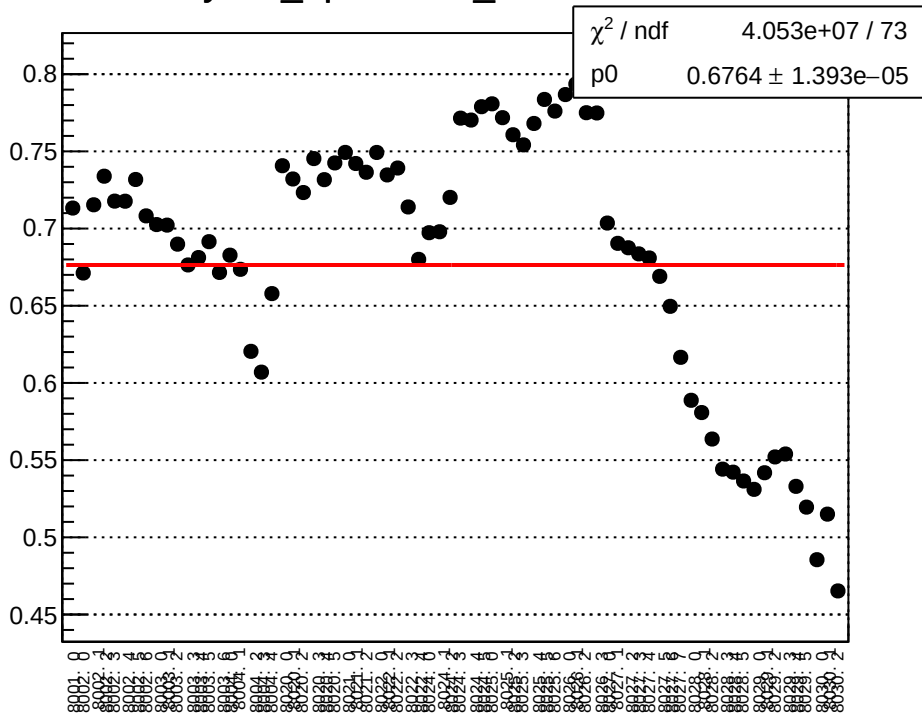


# yield\_bpm16Y\_rms vs run

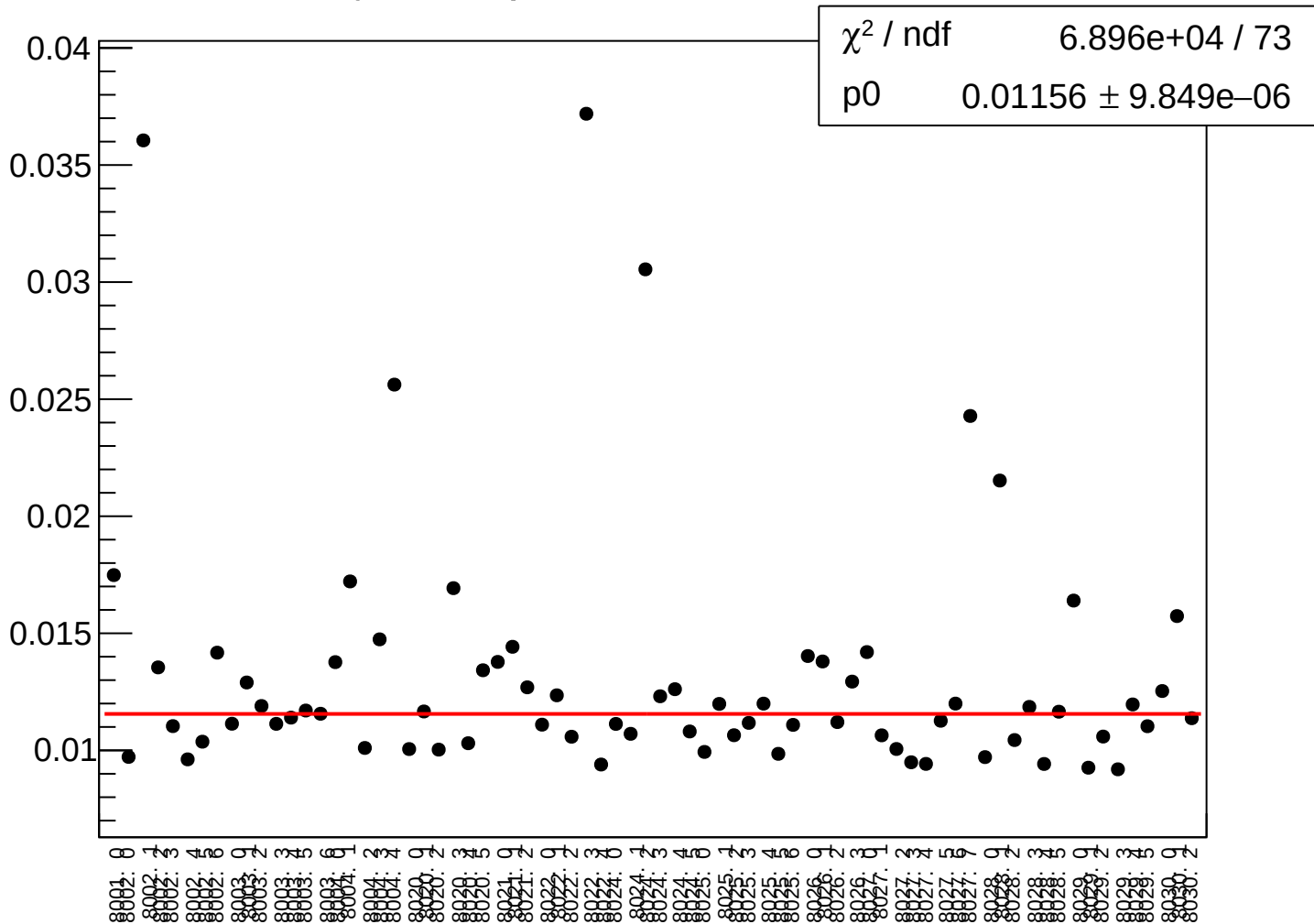




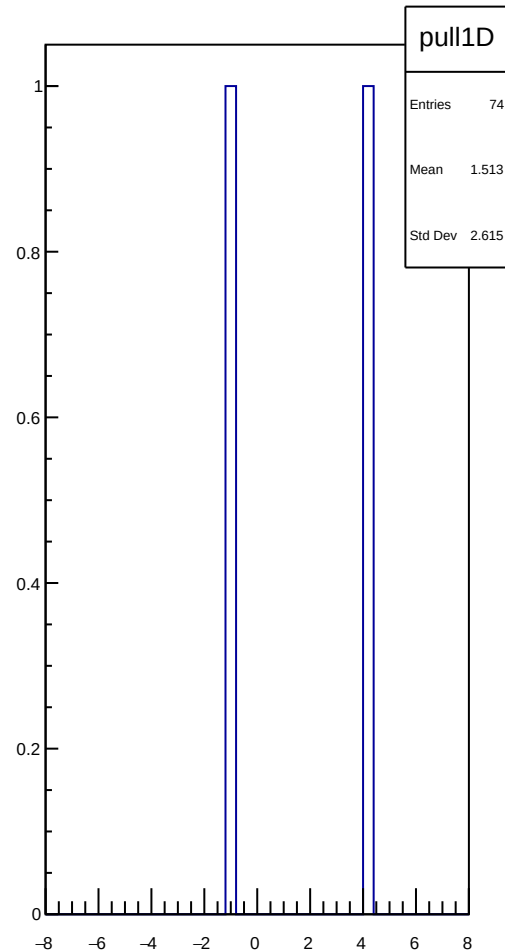
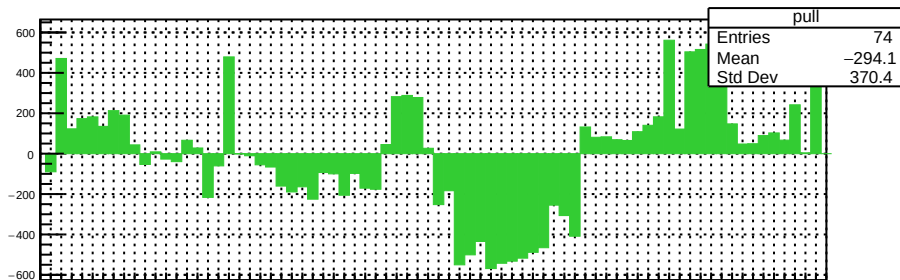
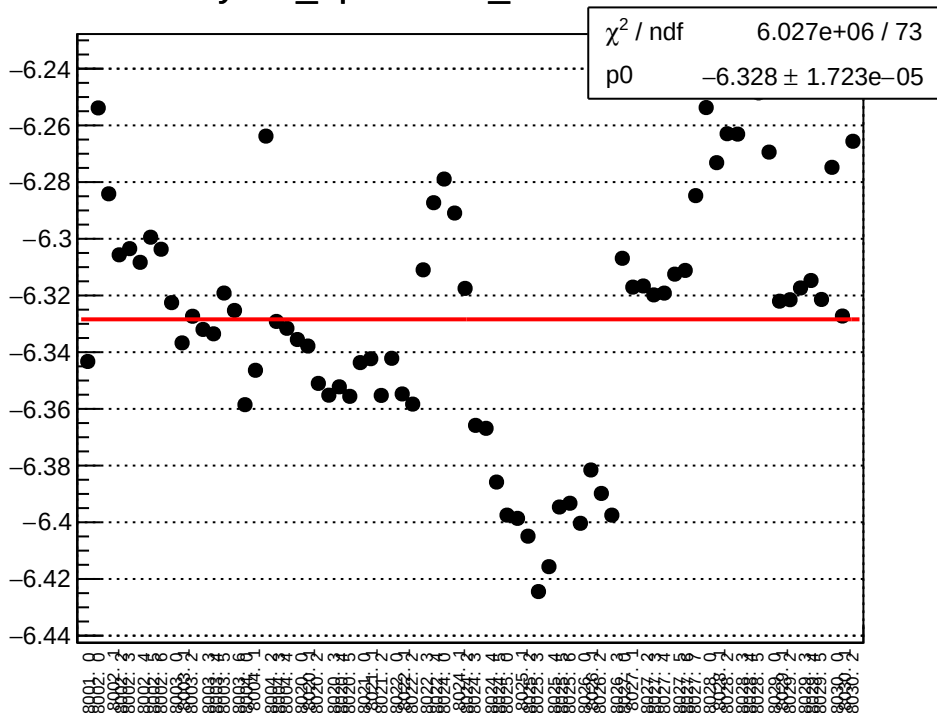
# yield\_bpm0l01X\_mean vs run



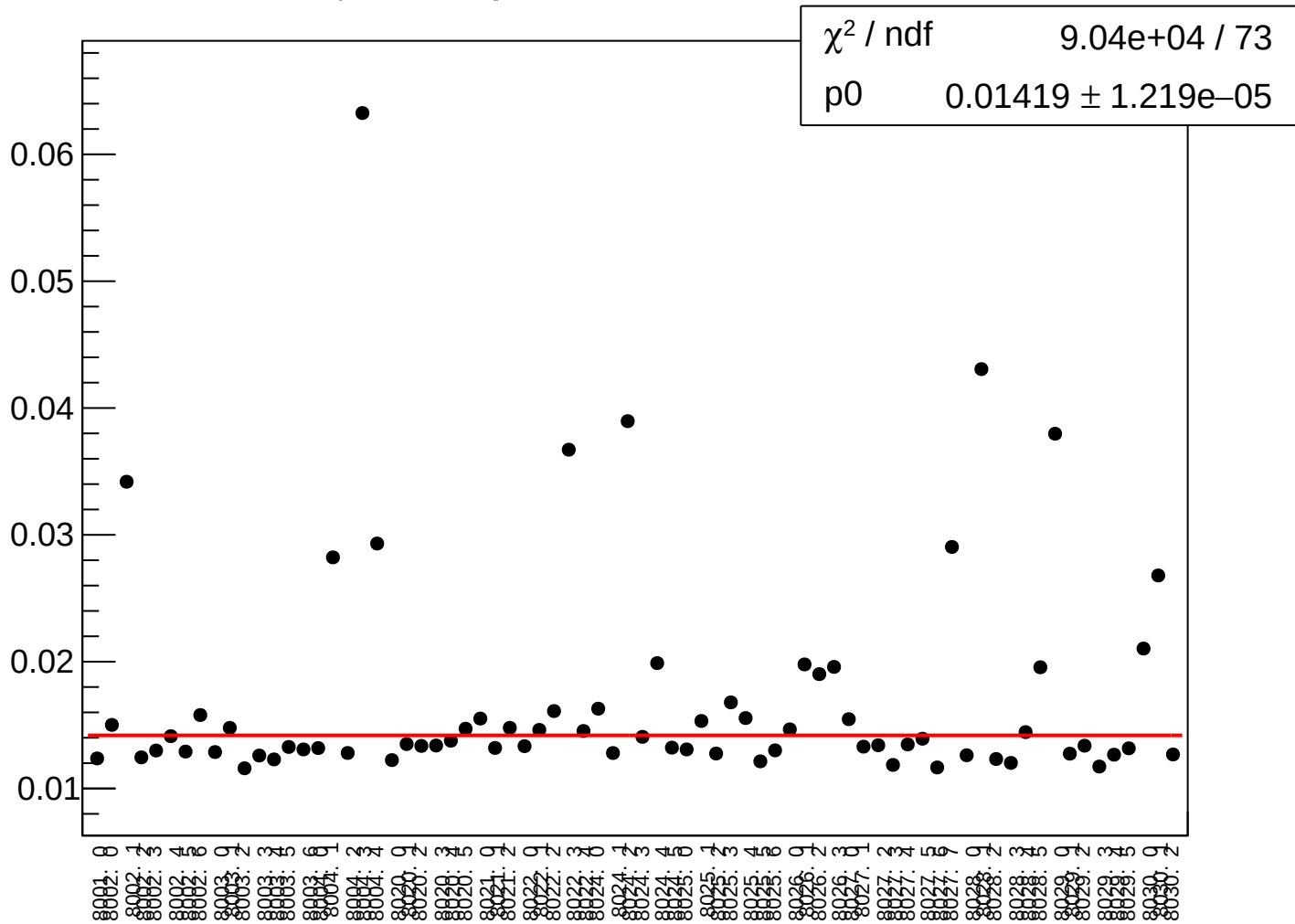
# yield\_bpm0l01X\_rms vs run



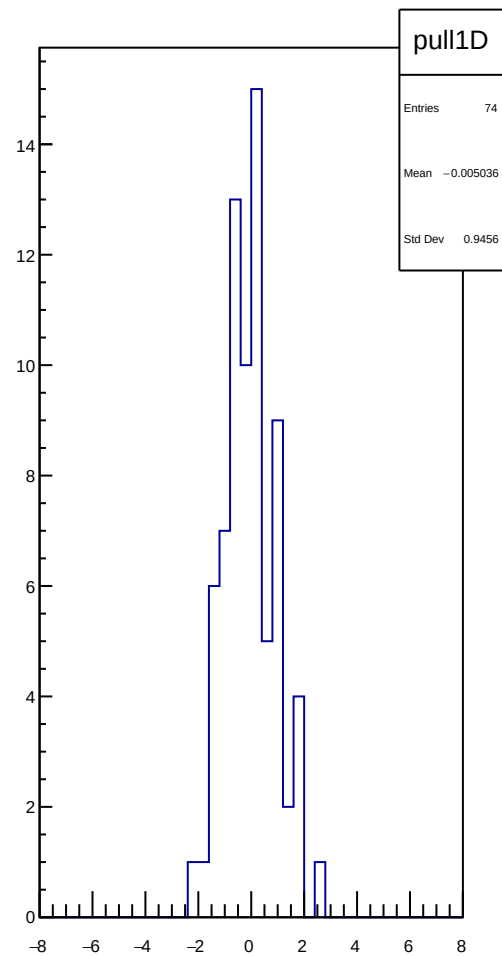
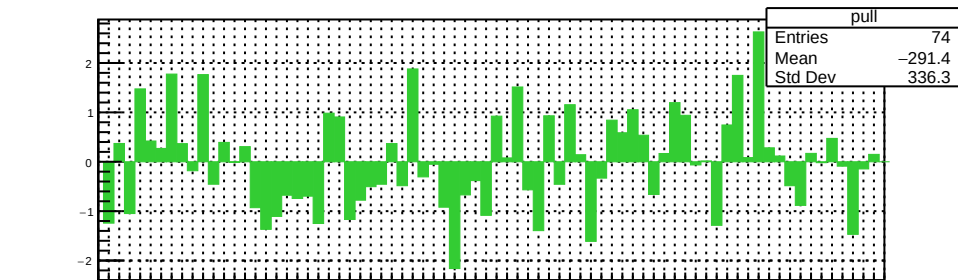
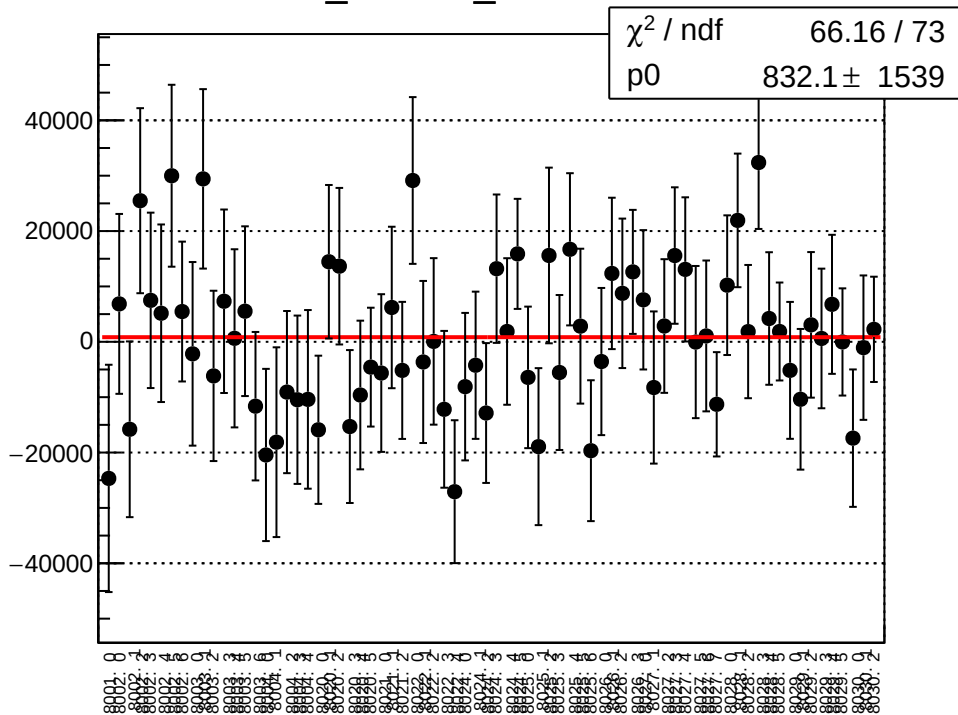
yield\_bpm0l01Y\_mean vs run



# yield\_bpm0l01Y\_rms vs run

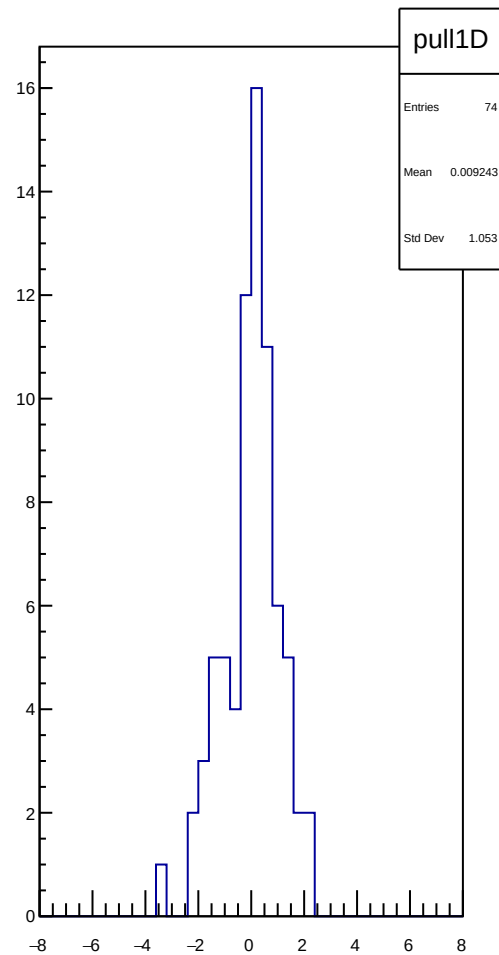
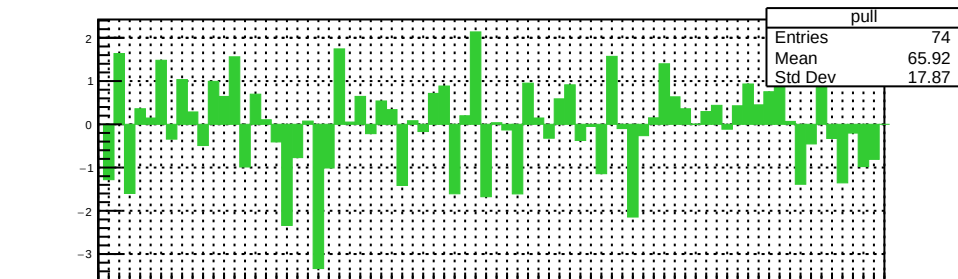
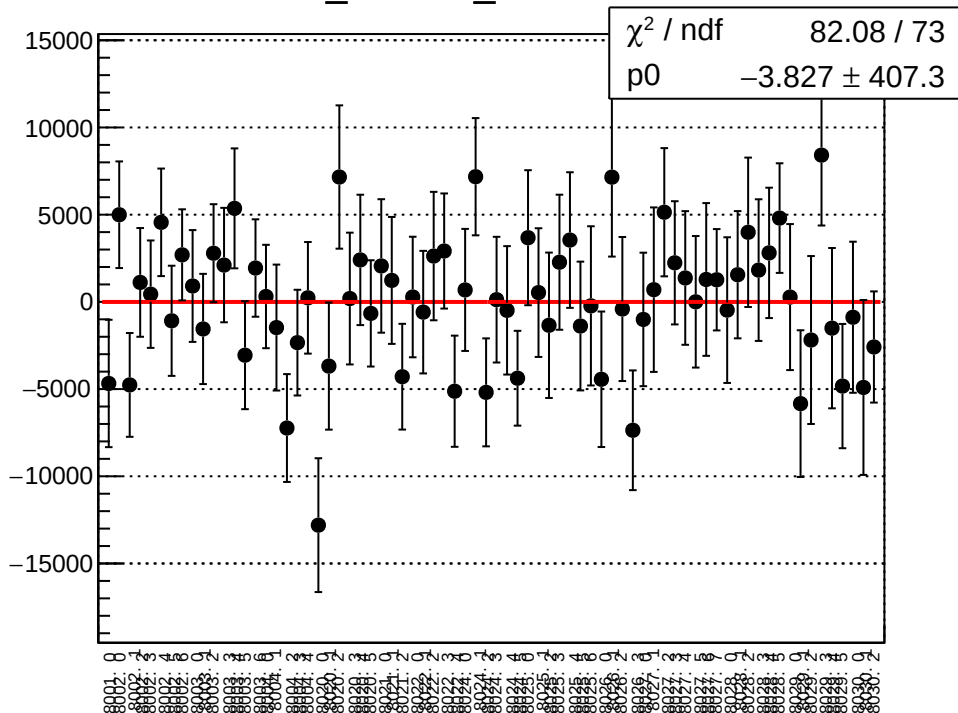


diff\_cav4bX\_mean vs run

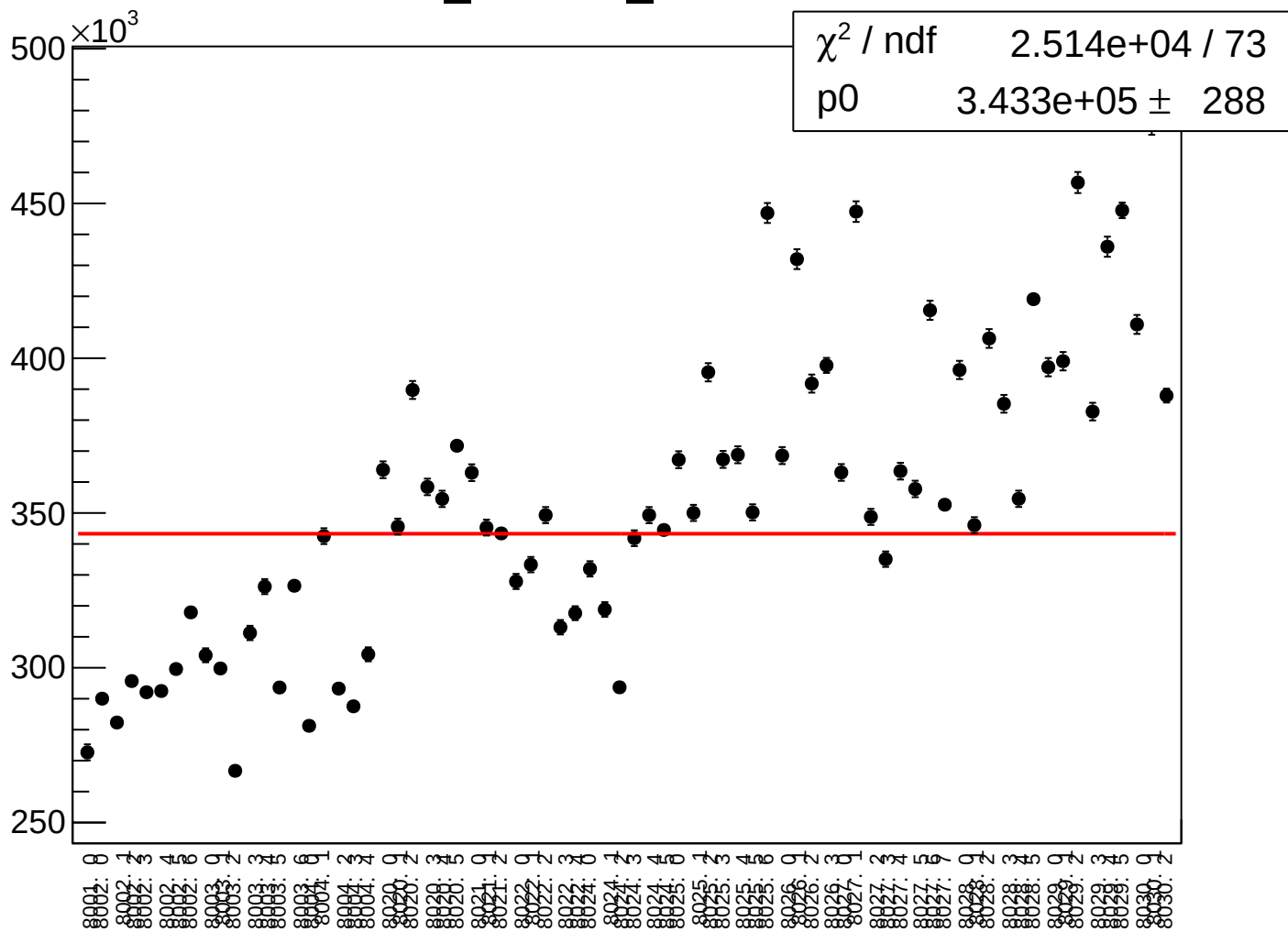




diff\_cav4bY\_mean vs run

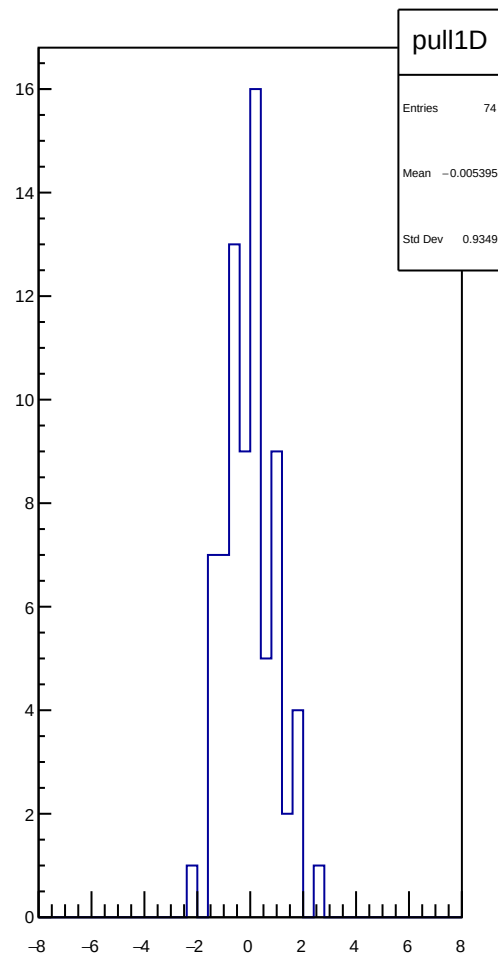
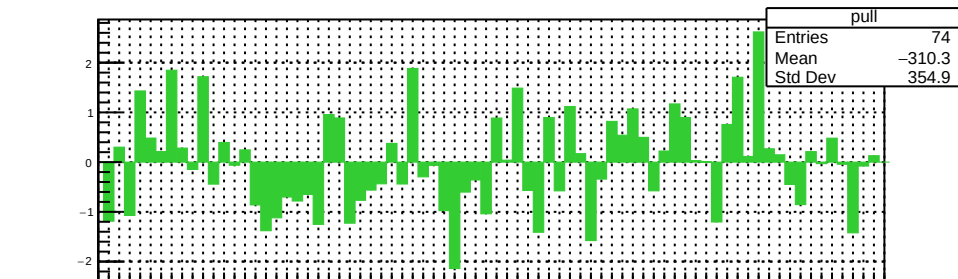
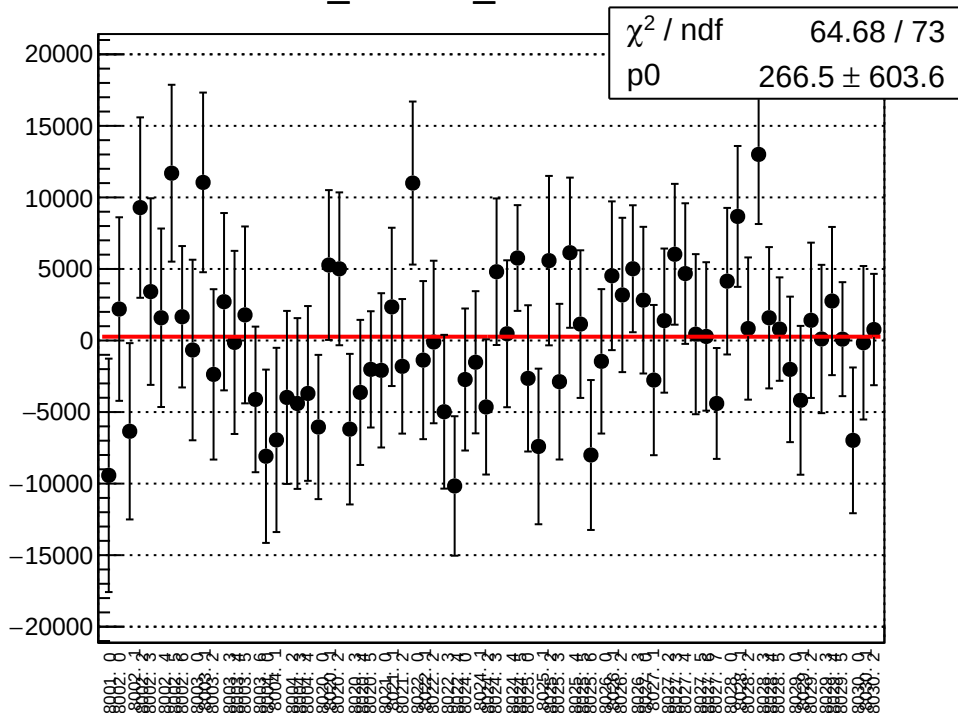


diff\_cav4bY\_rms vs run

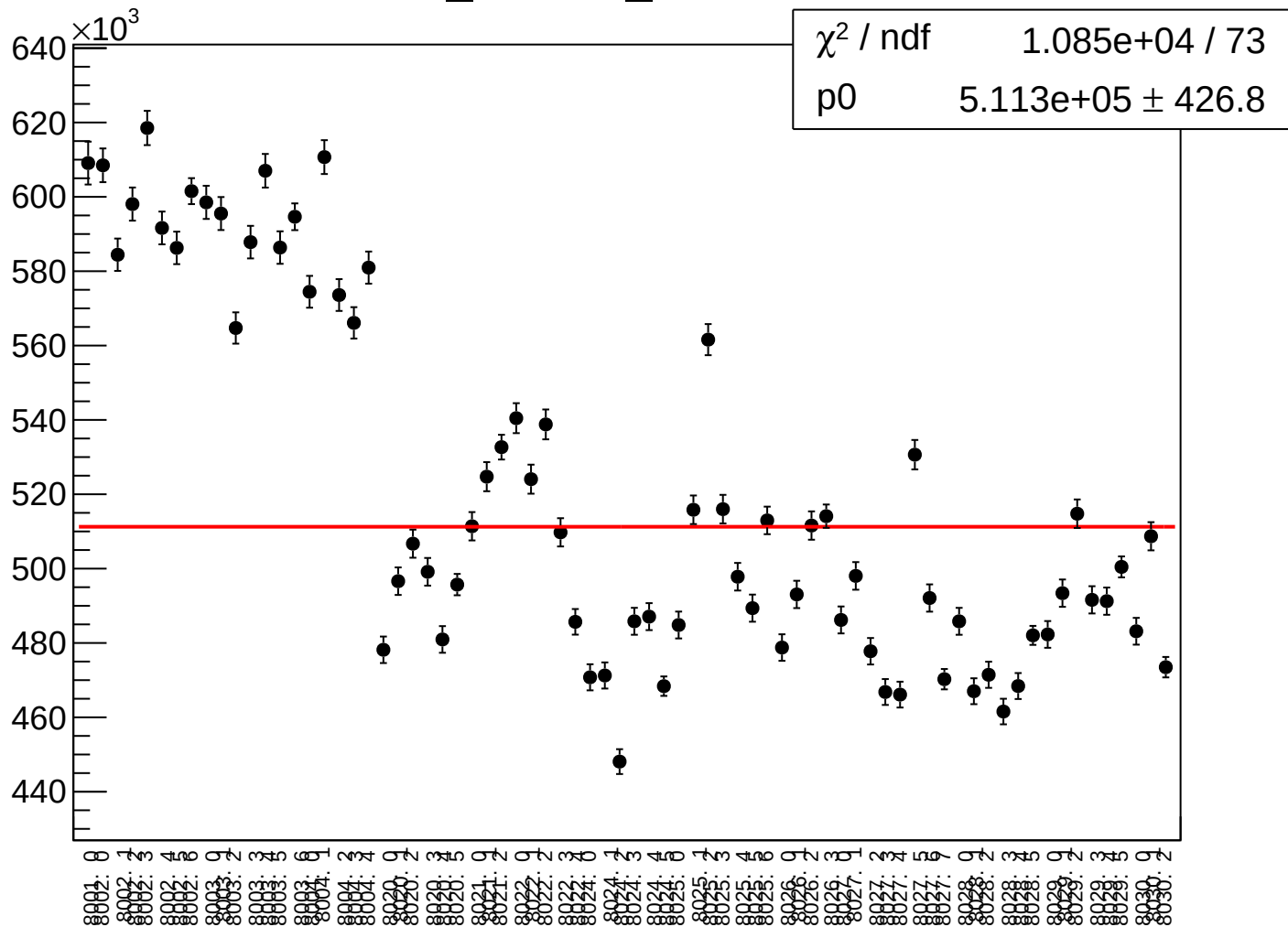




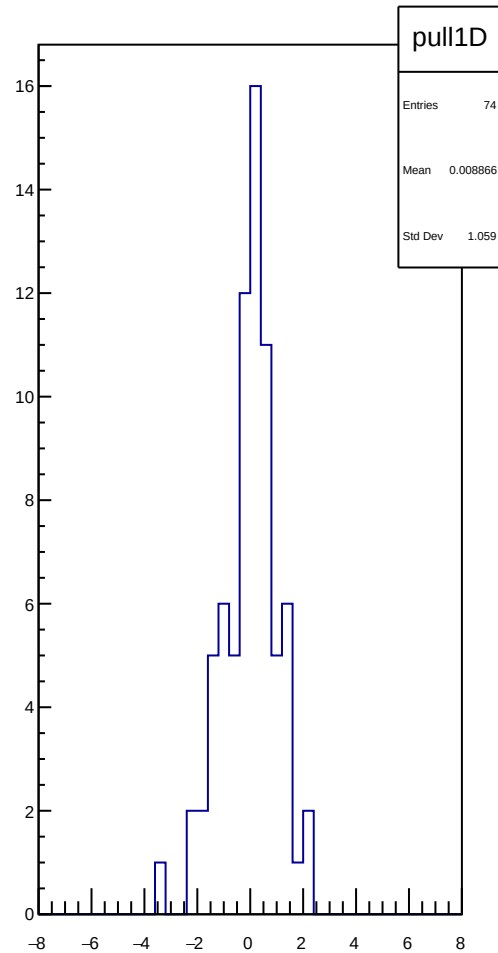
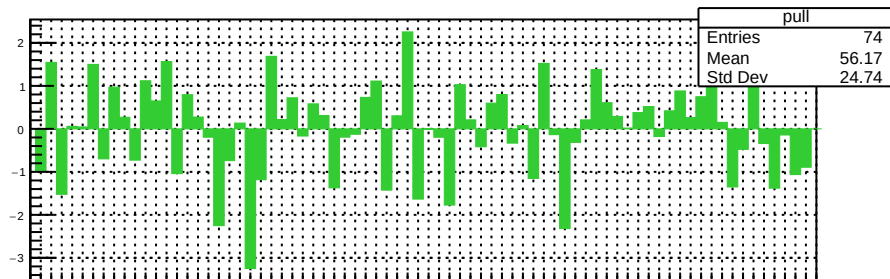
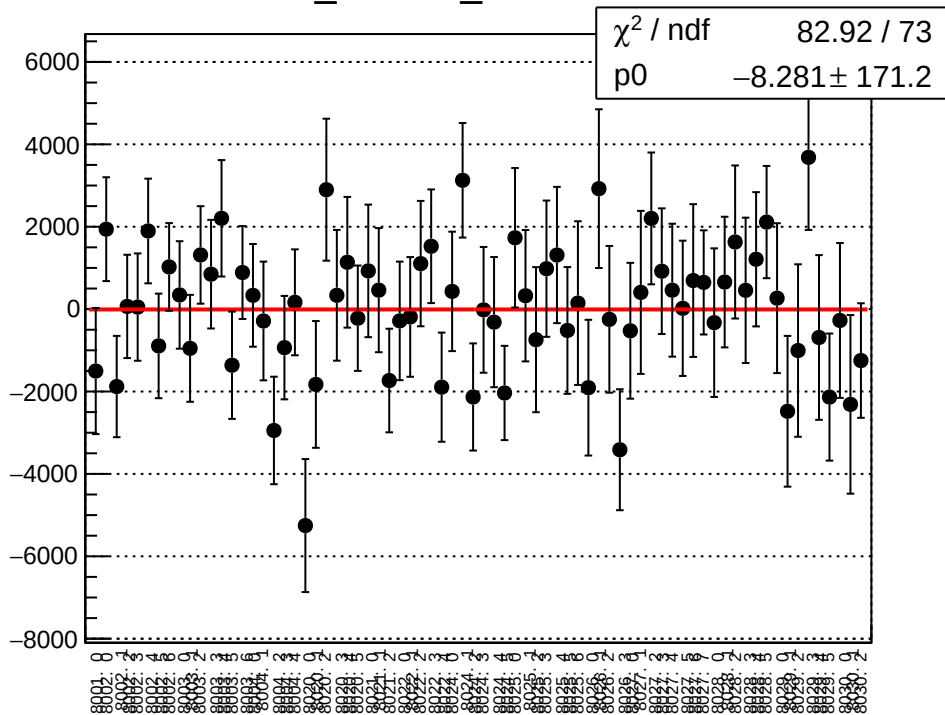
# diff\_cav4cX\_mean vs run



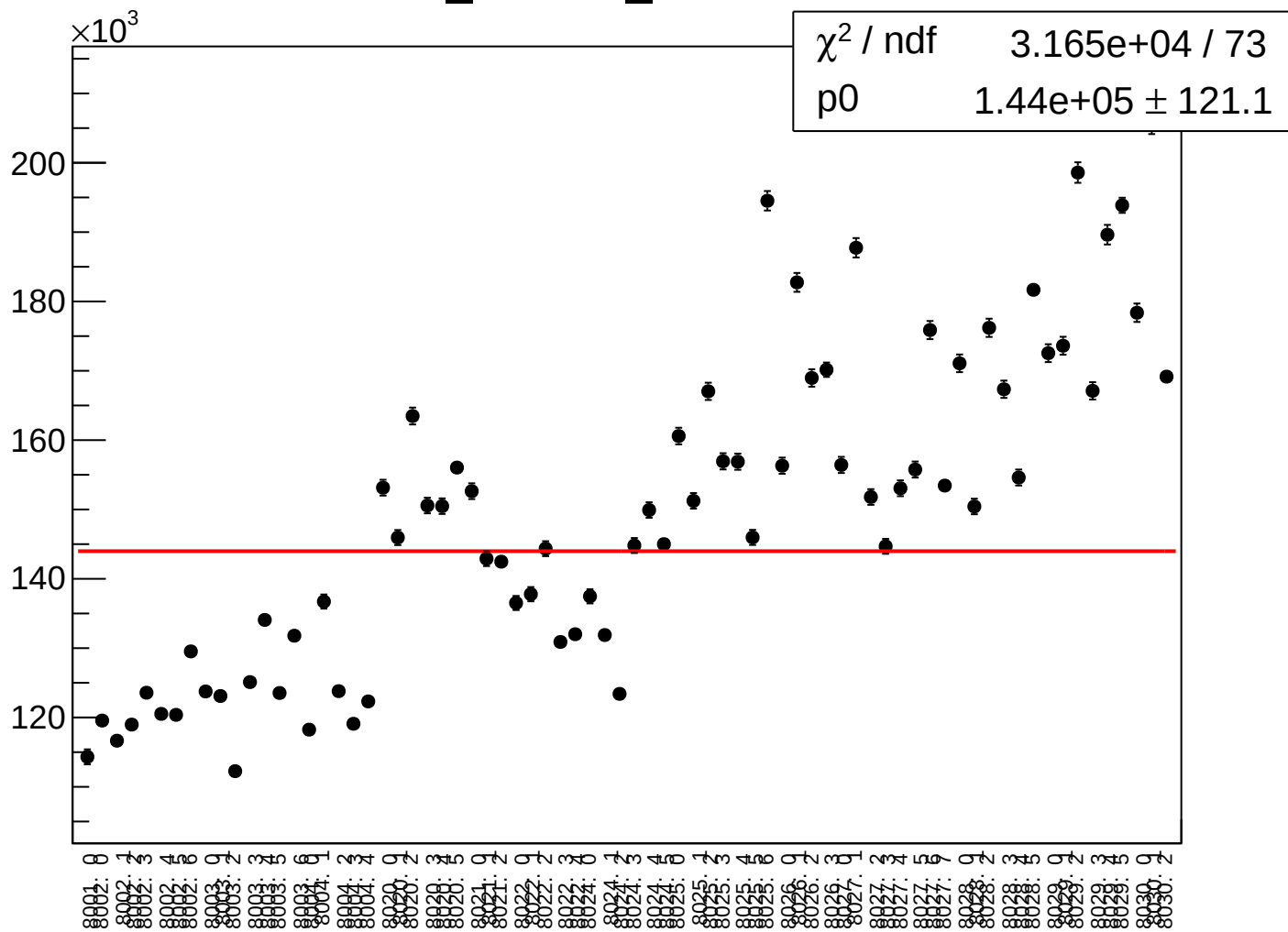
# diff\_cav4cX\_rms vs run



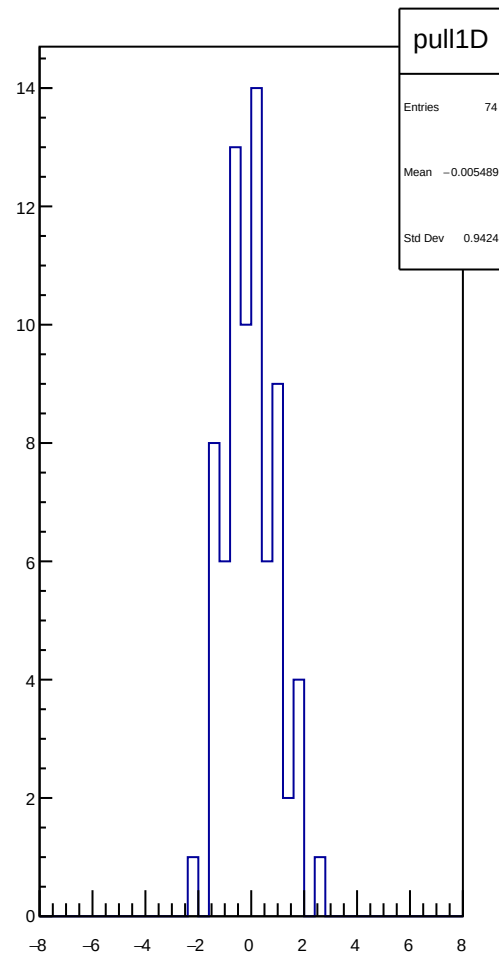
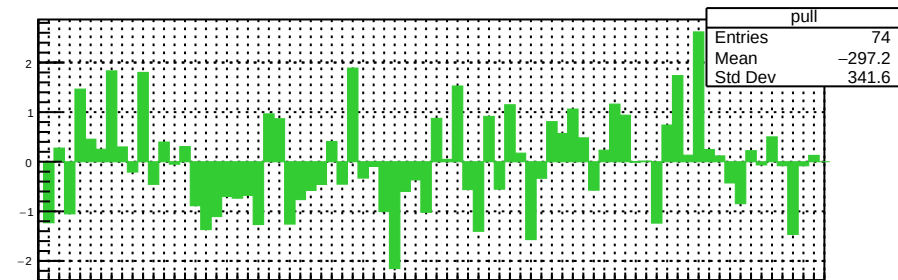
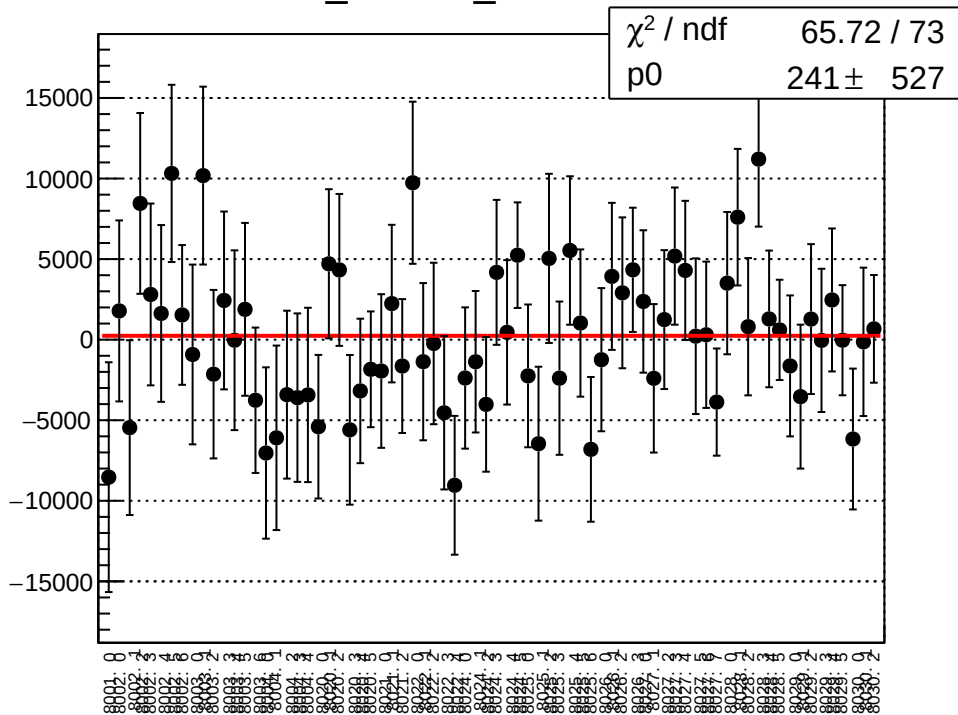
diff\_cav4cY\_mean vs run



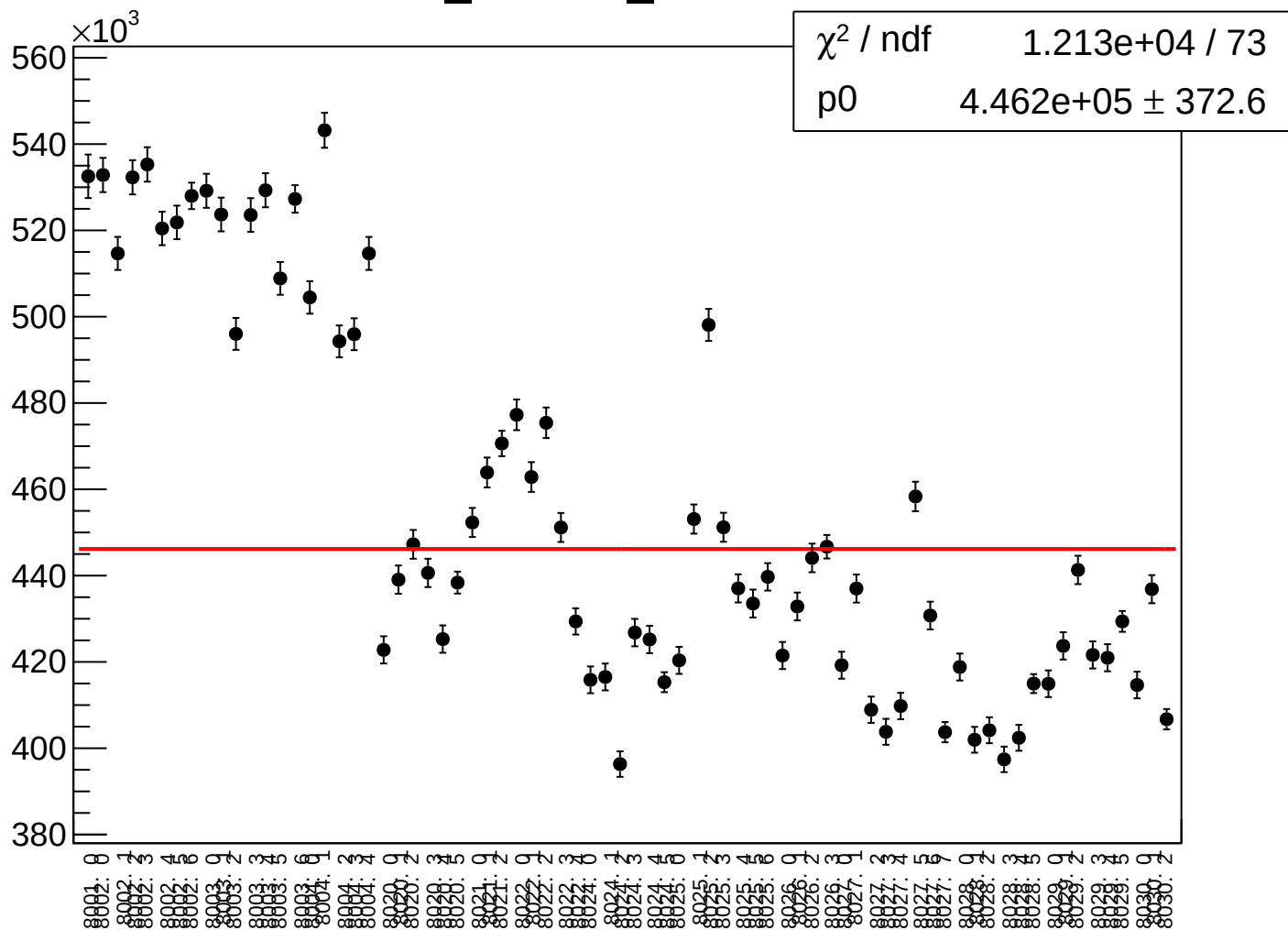
diff\_cav4cY\_rms vs run



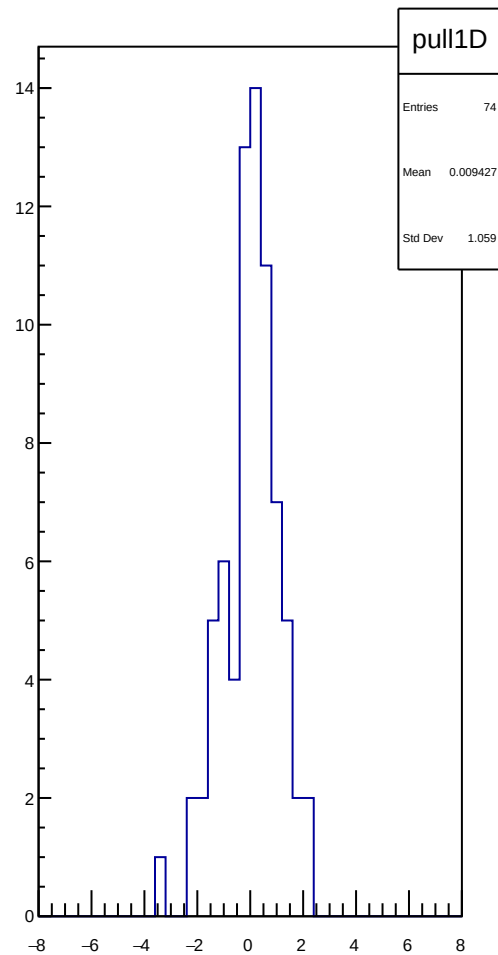
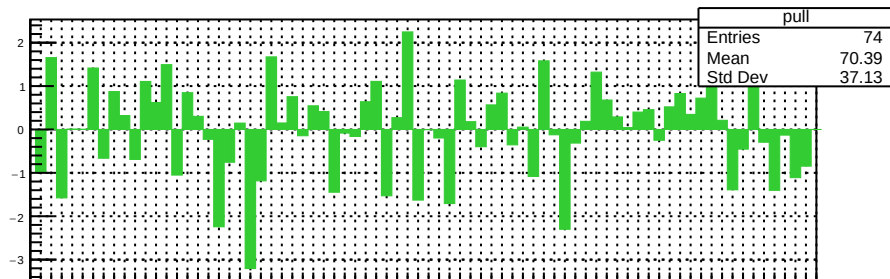
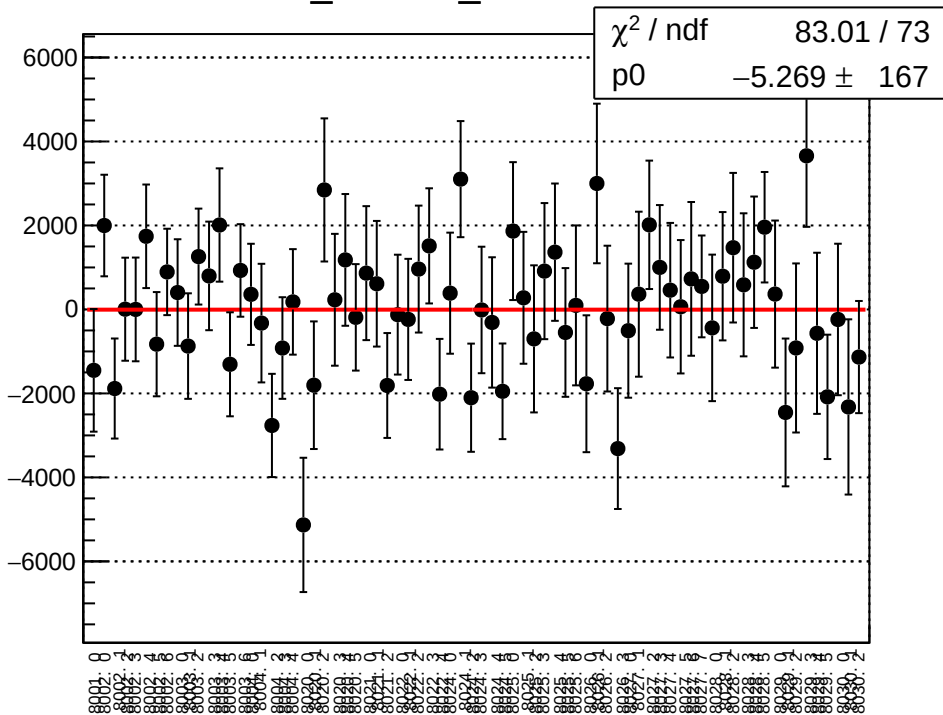
# diff\_cav4dX\_mean vs run



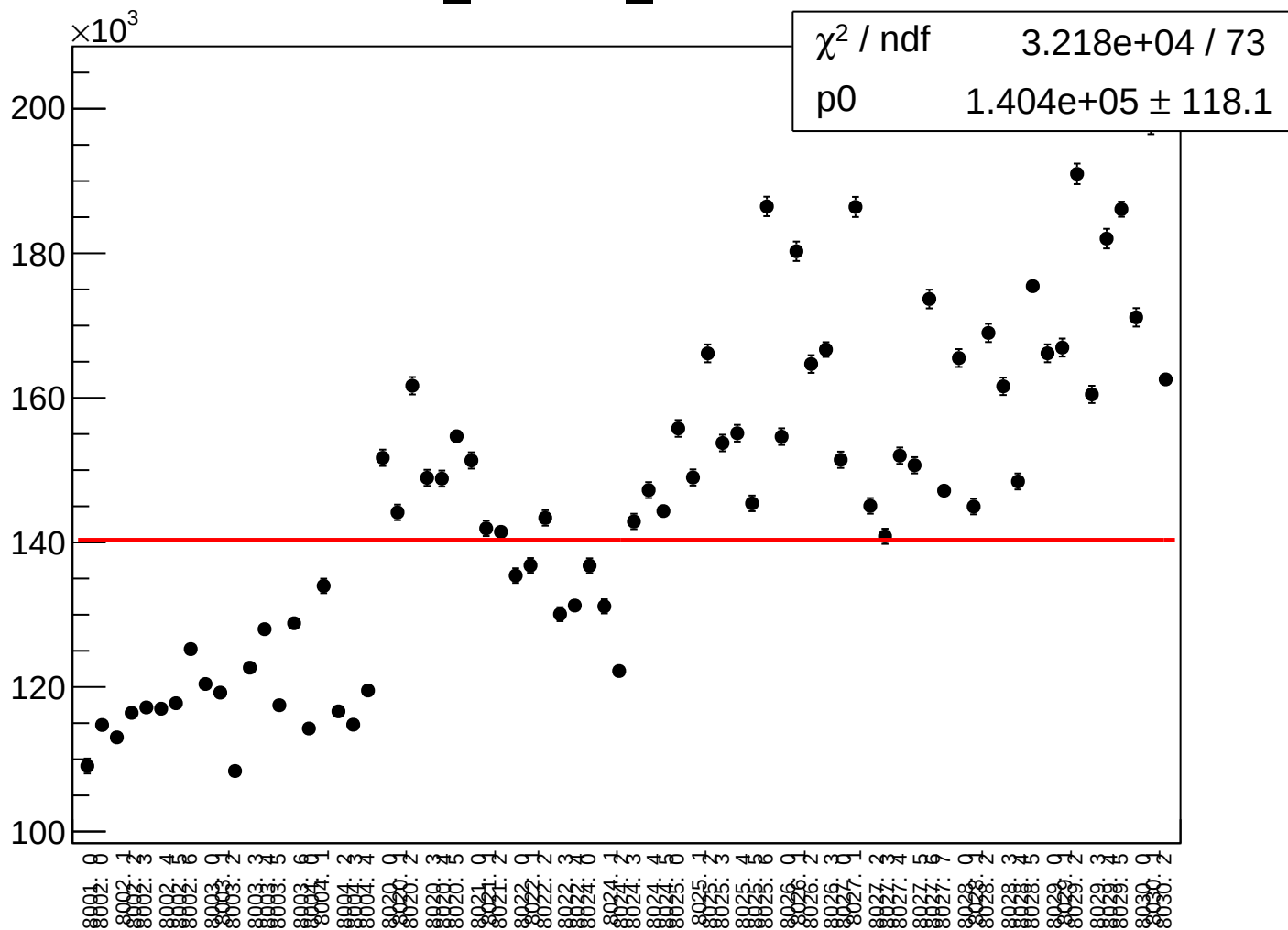
# diff\_cav4dX\_rms vs run



diff\_cav4dY\_mean vs run

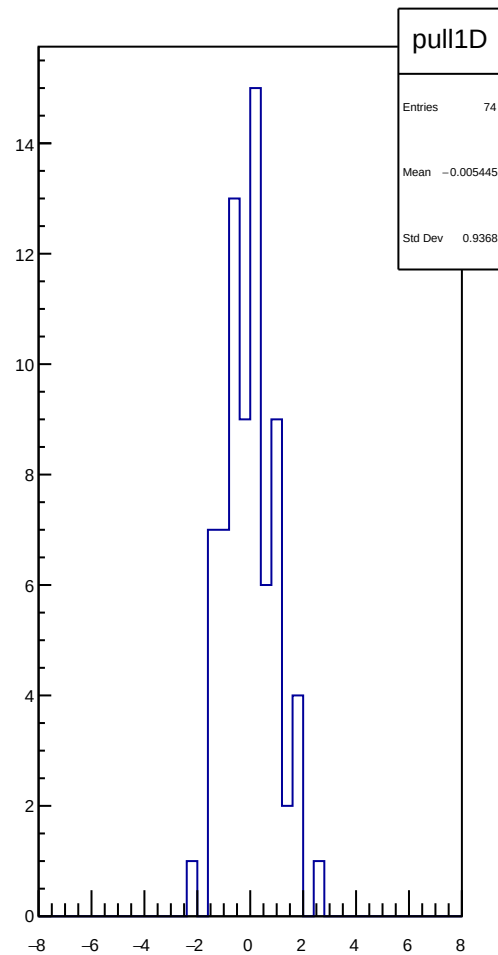
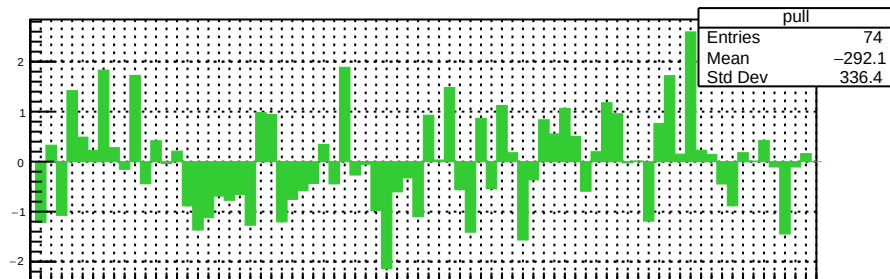
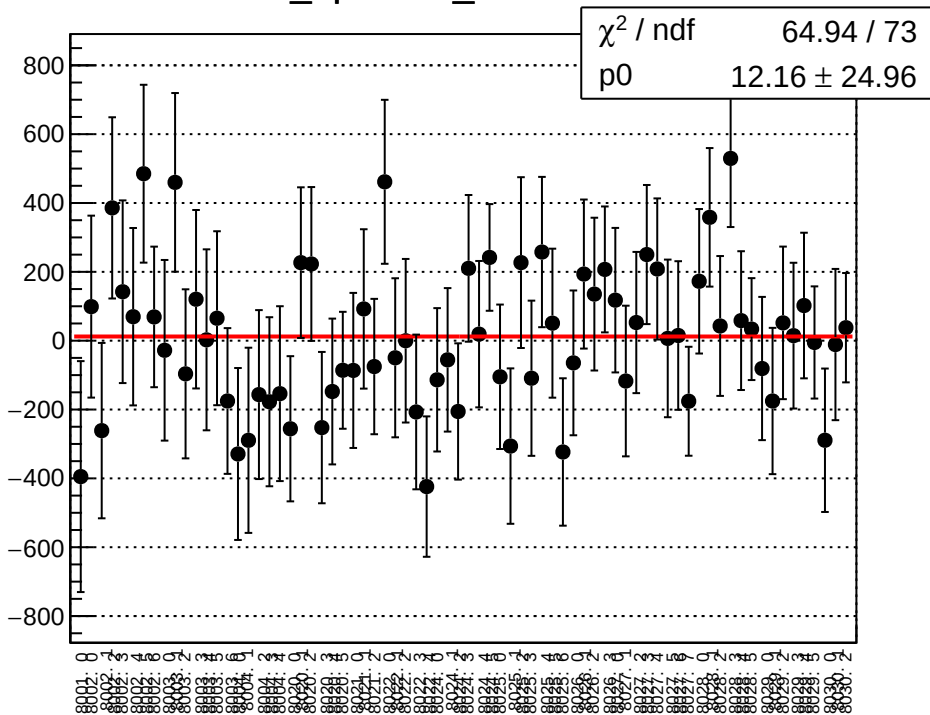


# diff\_cav4dY\_rms vs run

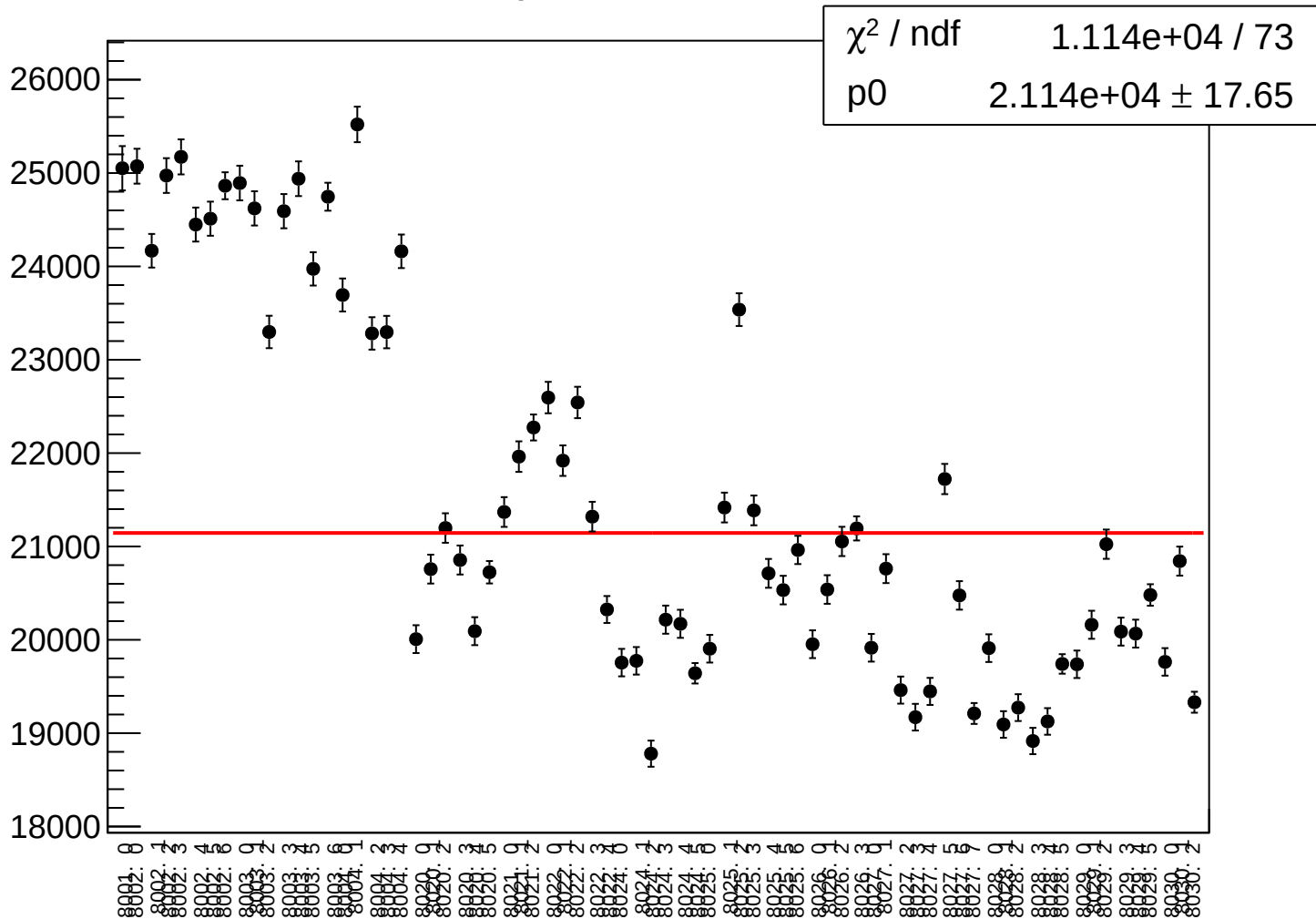




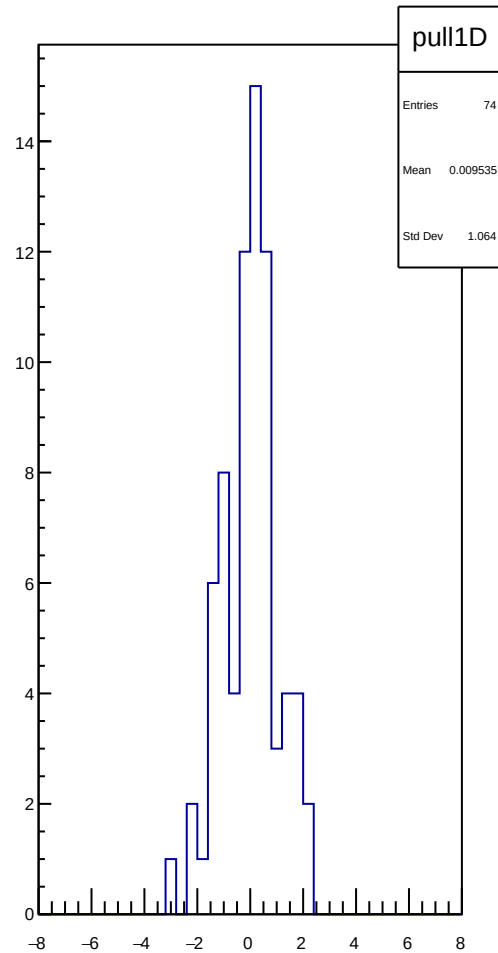
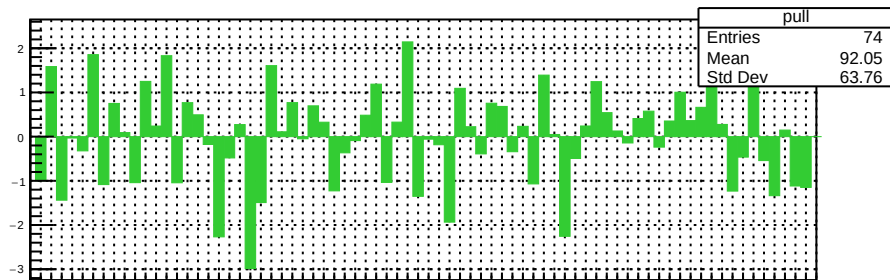
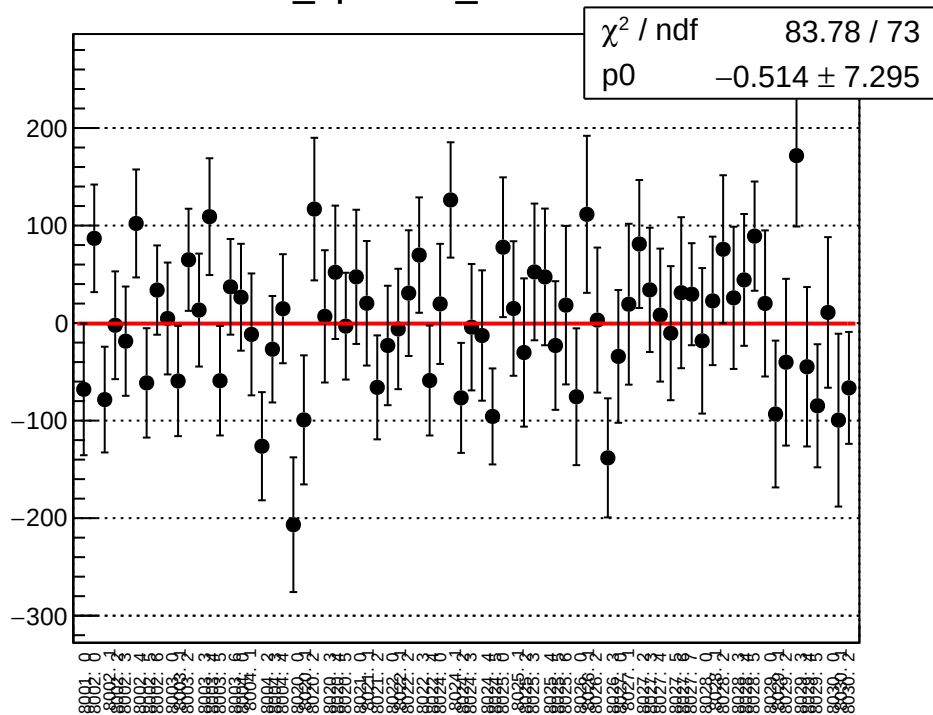
# diff\_bpm4aX\_mean vs un



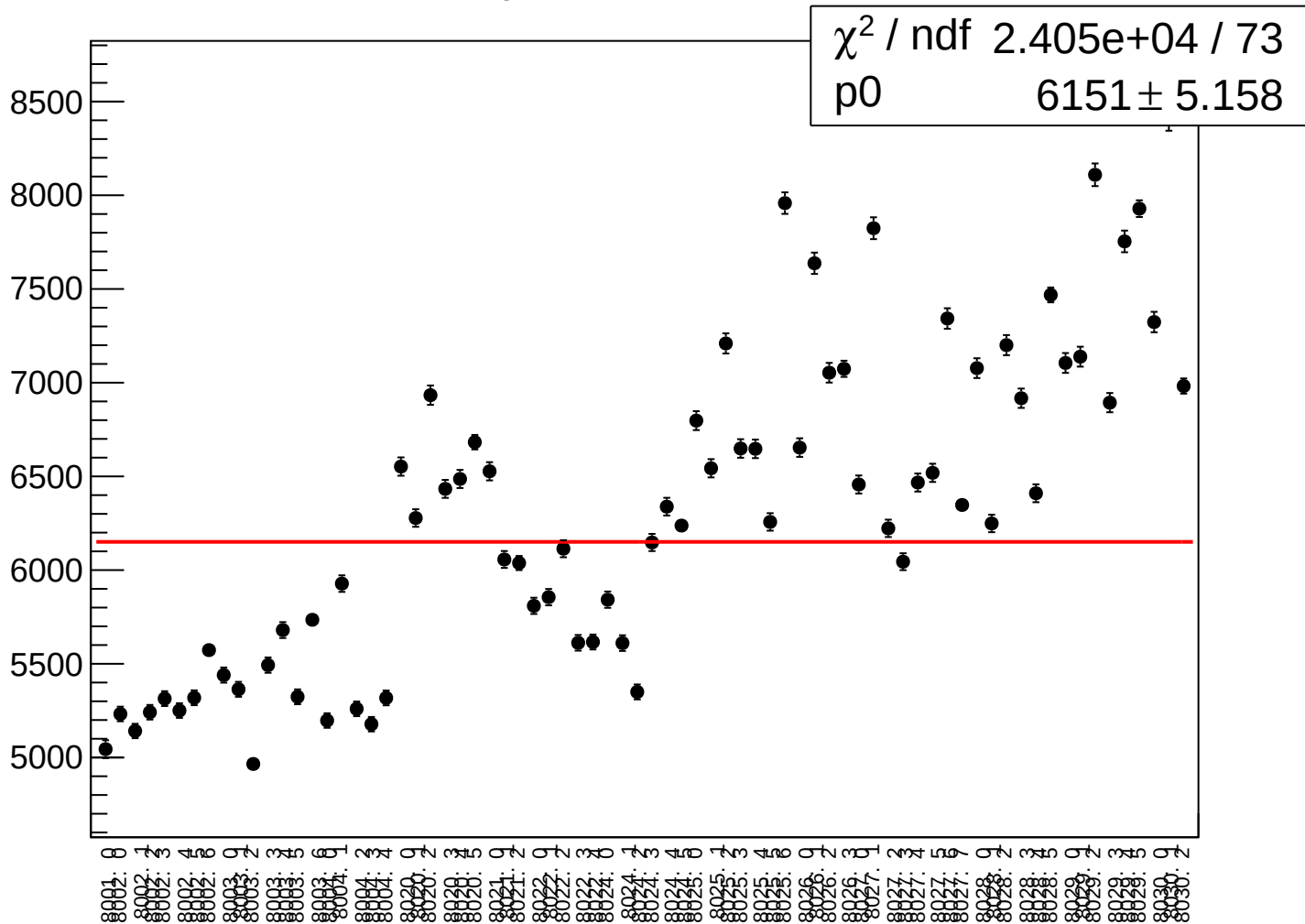
# diff\_bpm4aX\_rms vs run



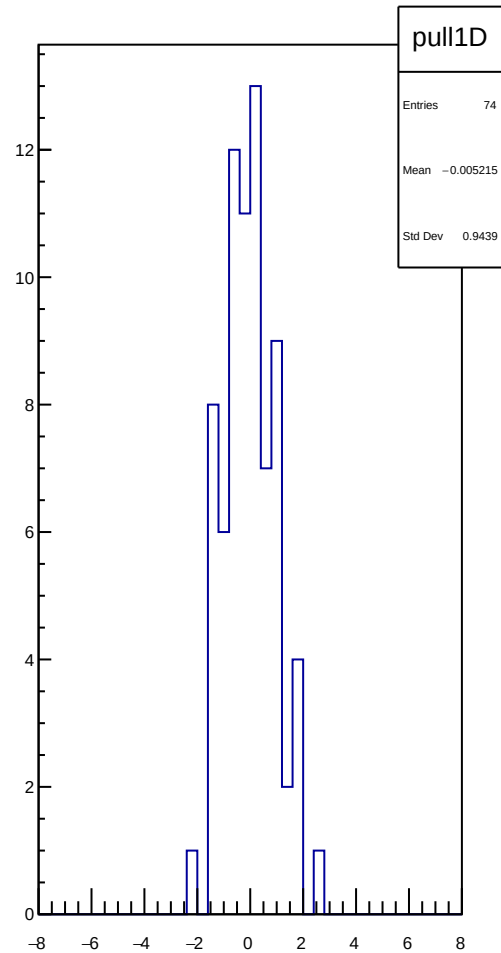
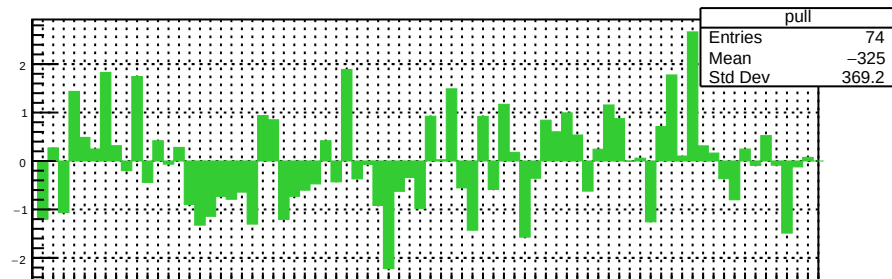
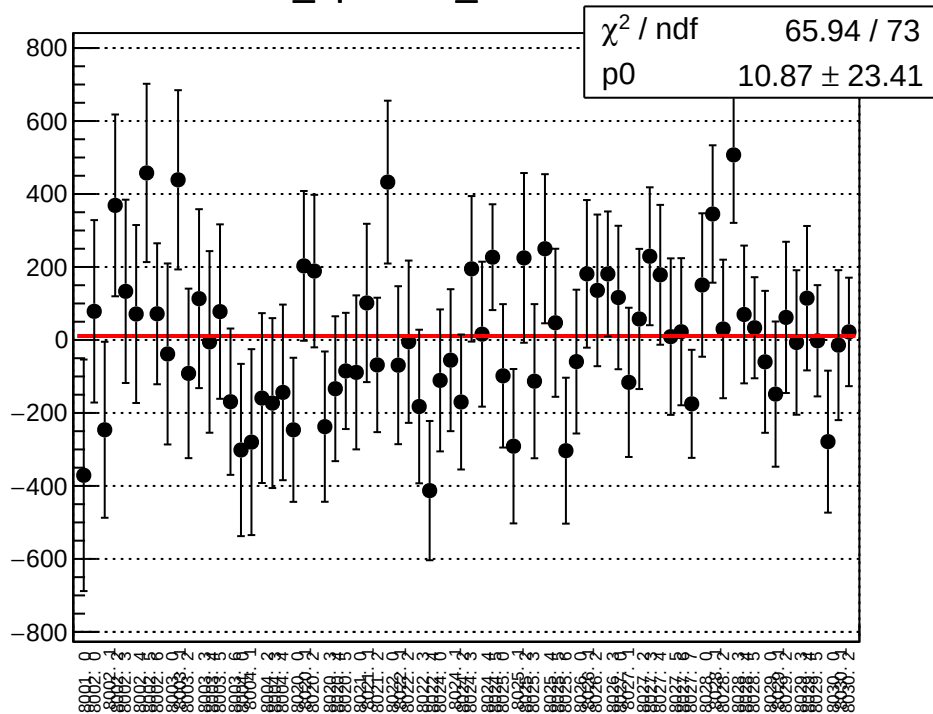
diff\_bpm4aY\_mean vs run



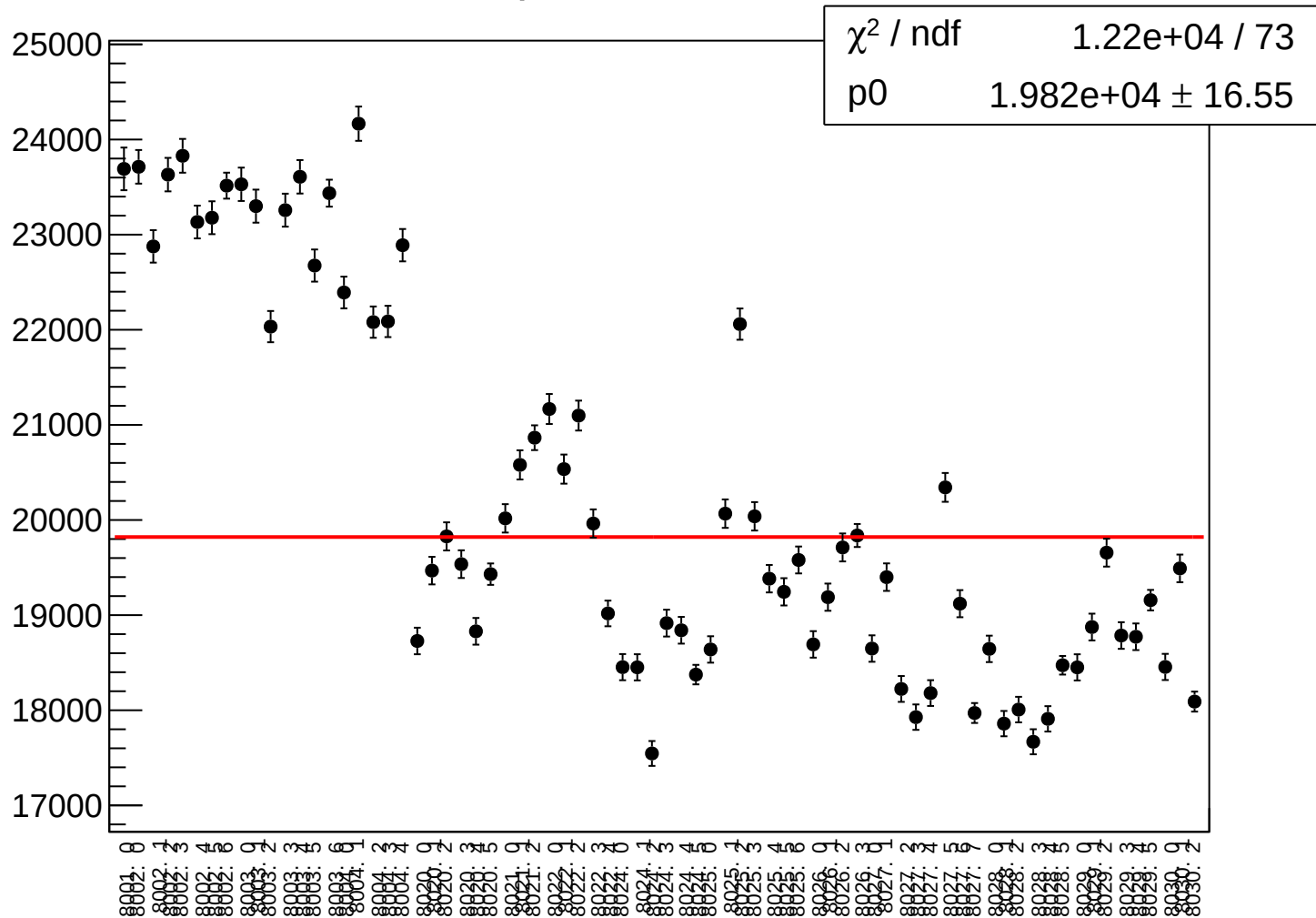
diff\_bpm4aY\_rms vs run



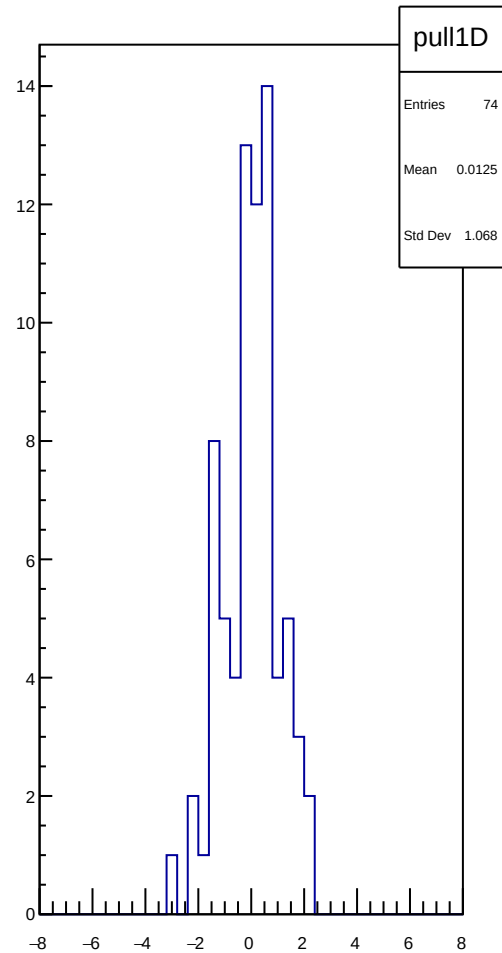
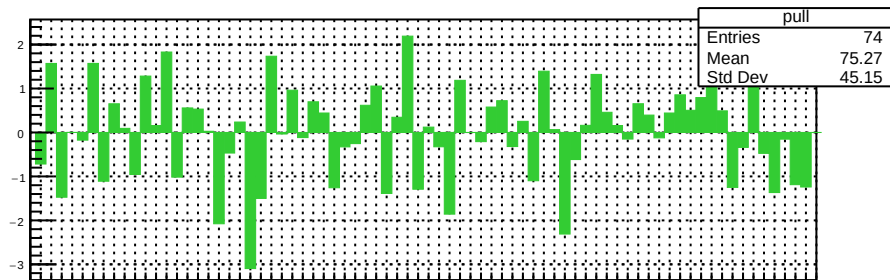
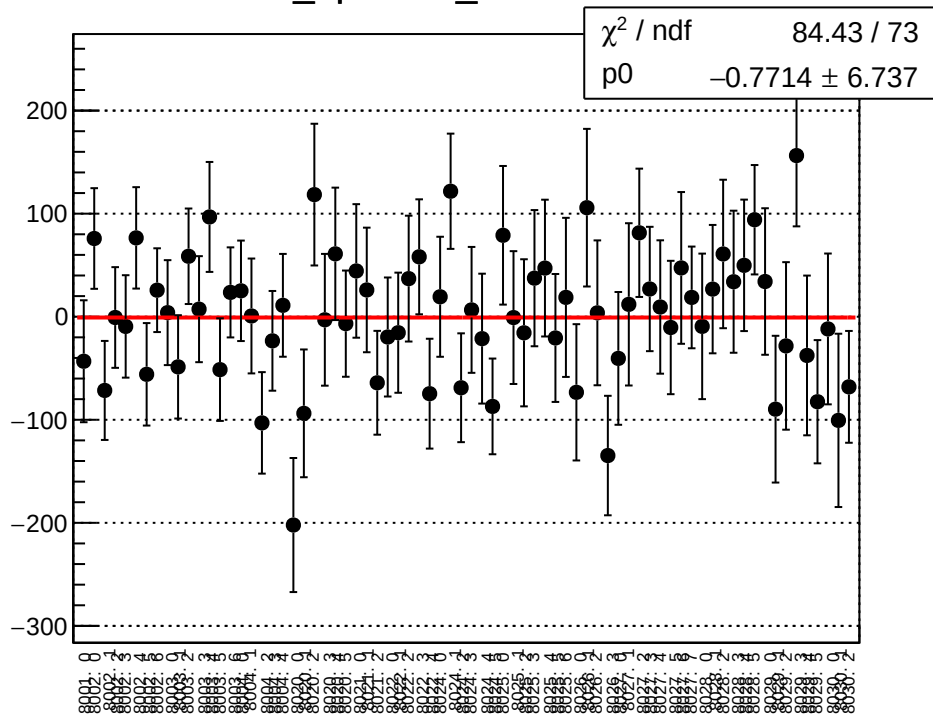
diff\_bpm4eX\_mean vs un



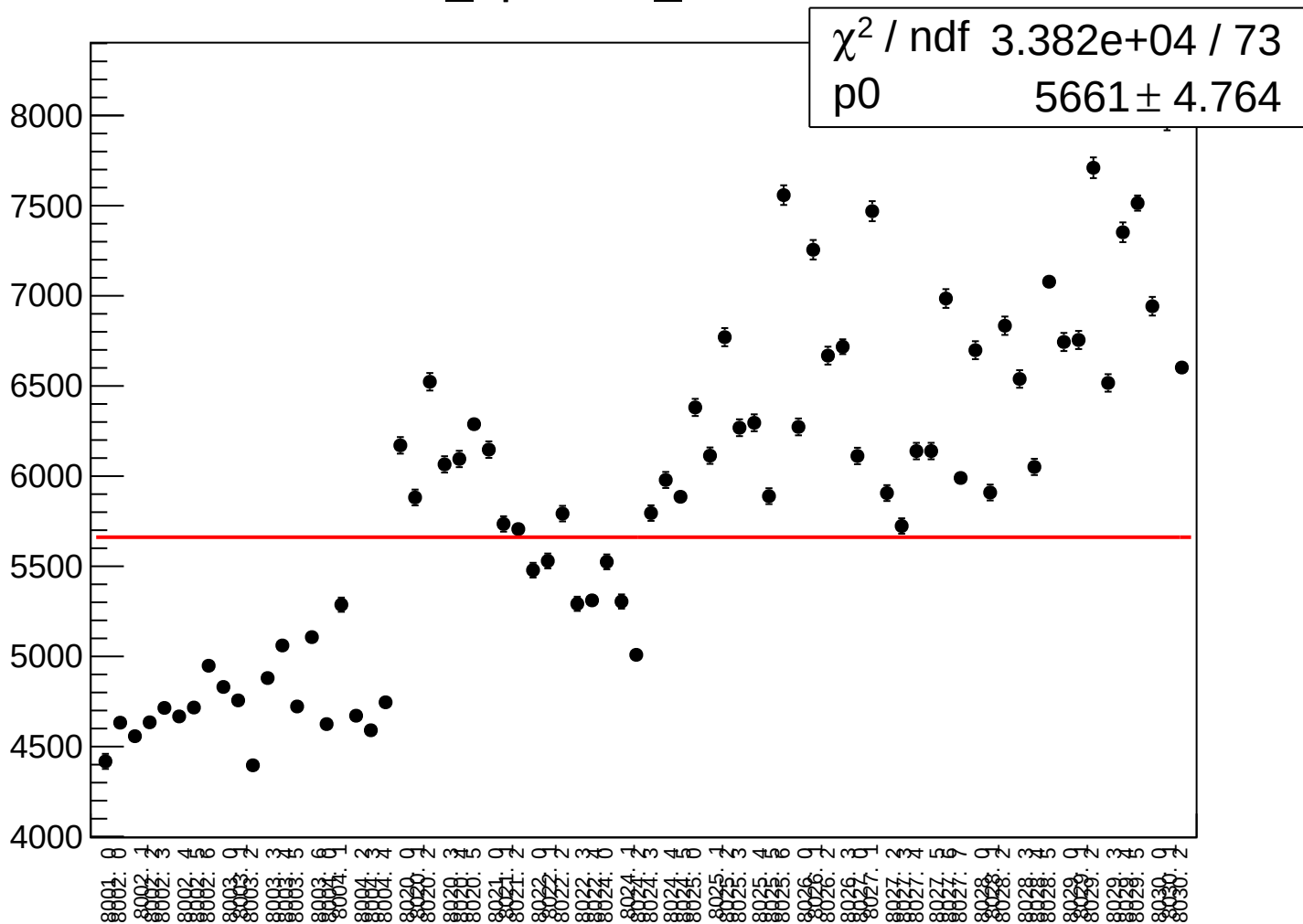
# diff\_bpm4eX\_rms vs run



diff\_bpm4eY\_mean vs un

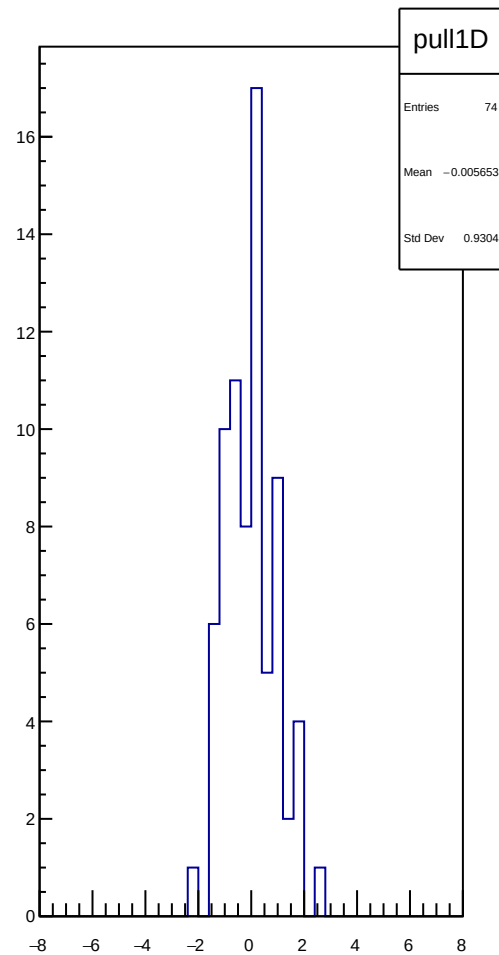
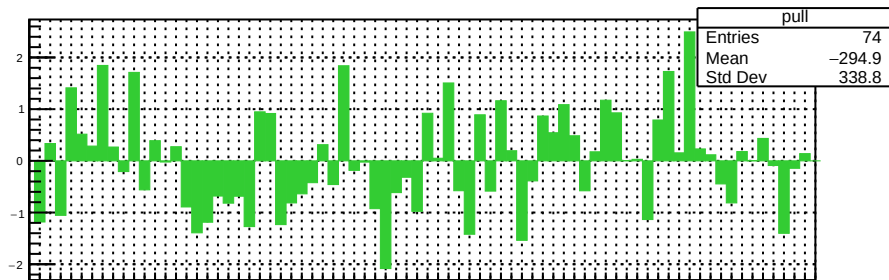
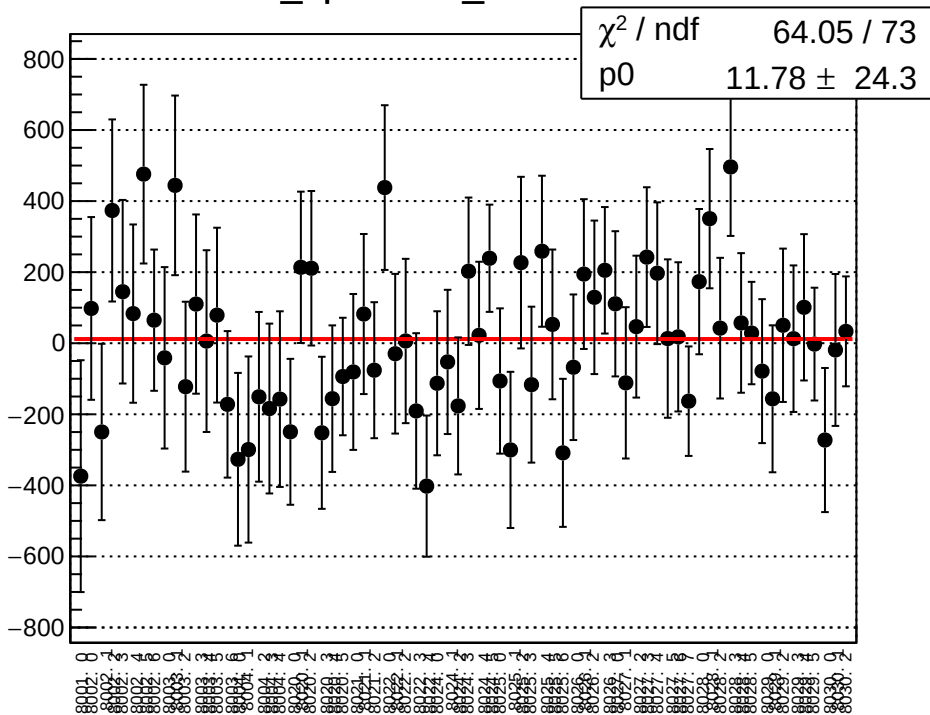


diff\_bpm4eY\_rms vs run

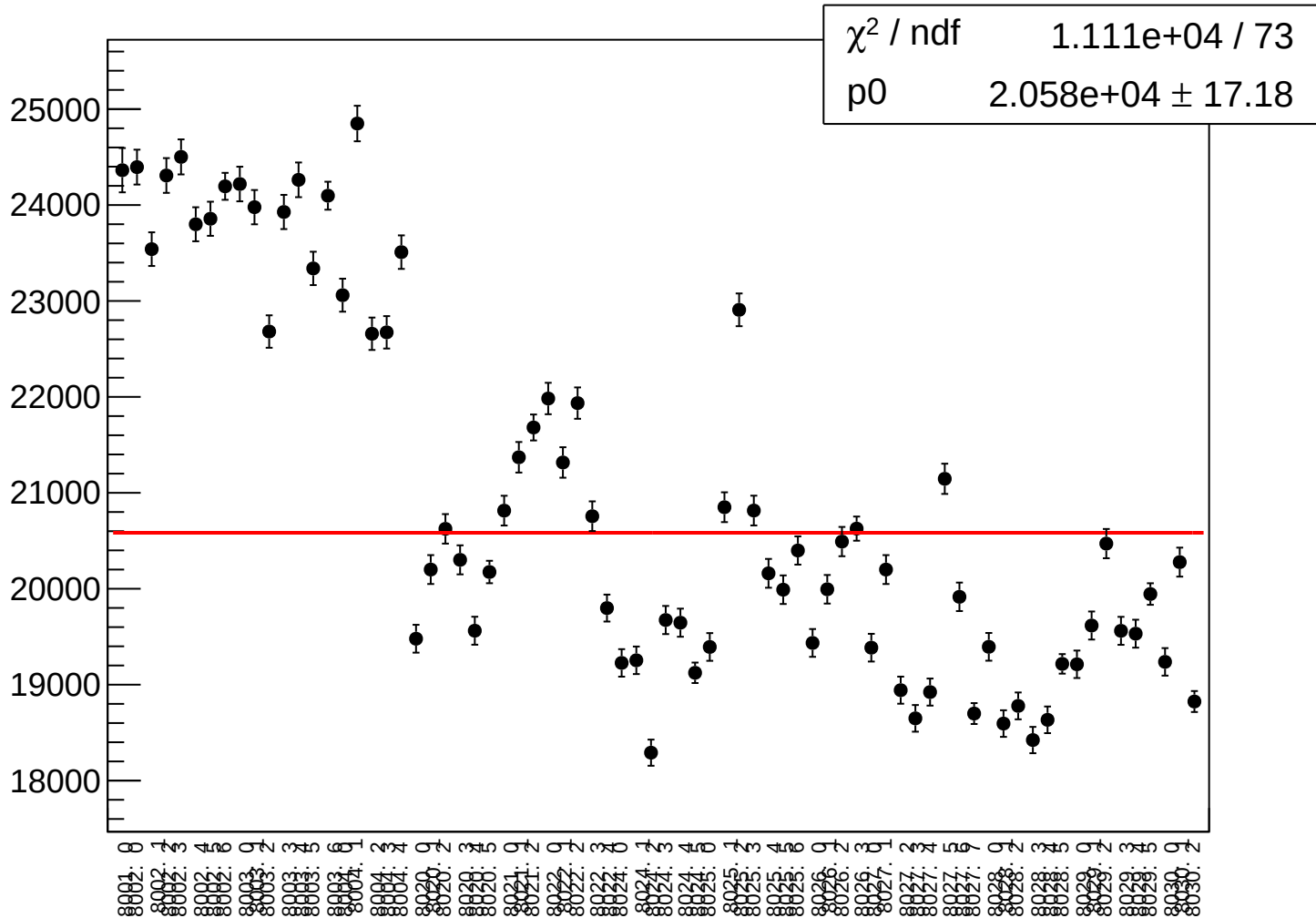




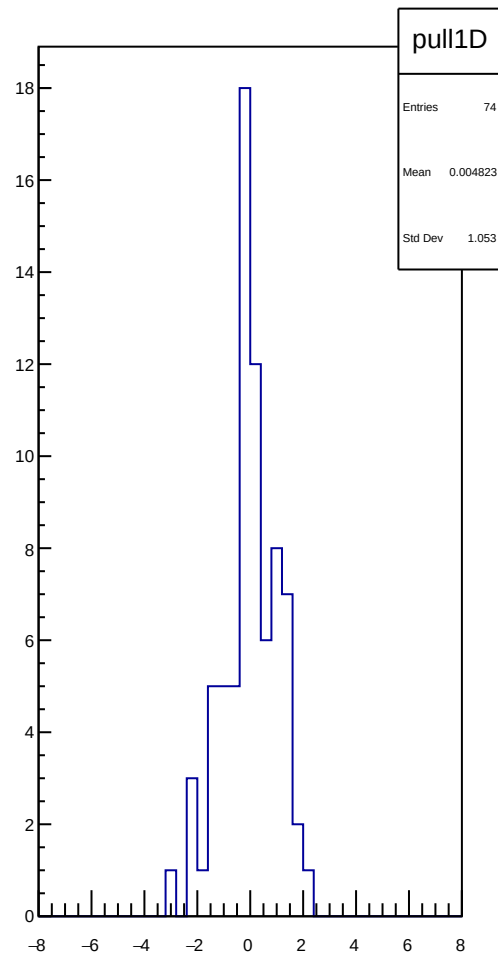
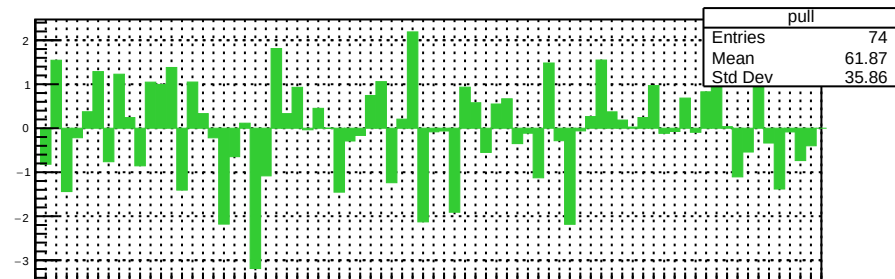
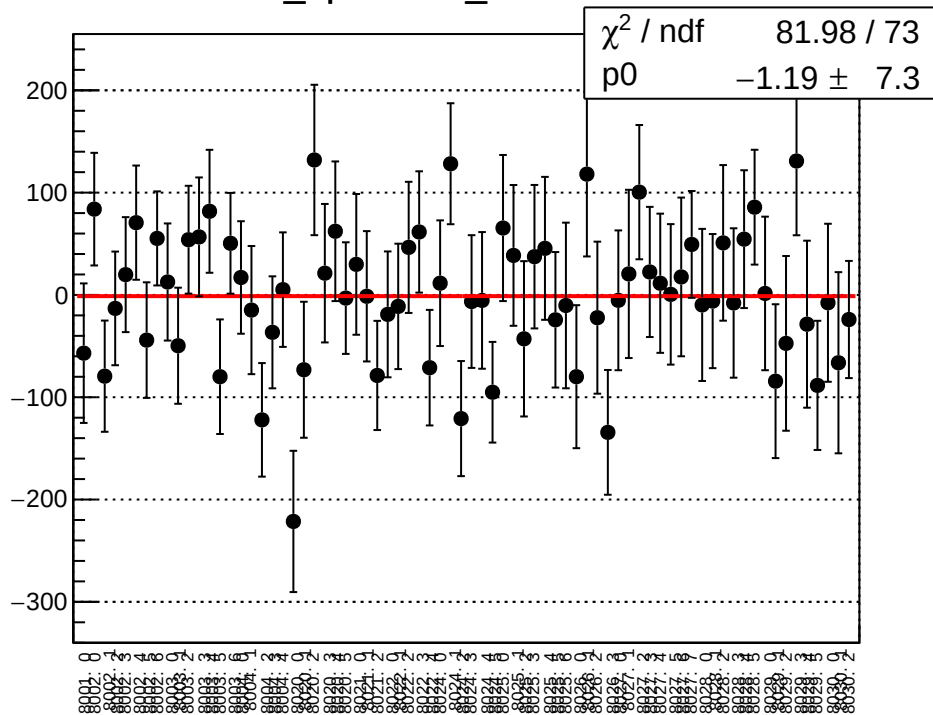
# diff\_bpm4acX\_mean vs run



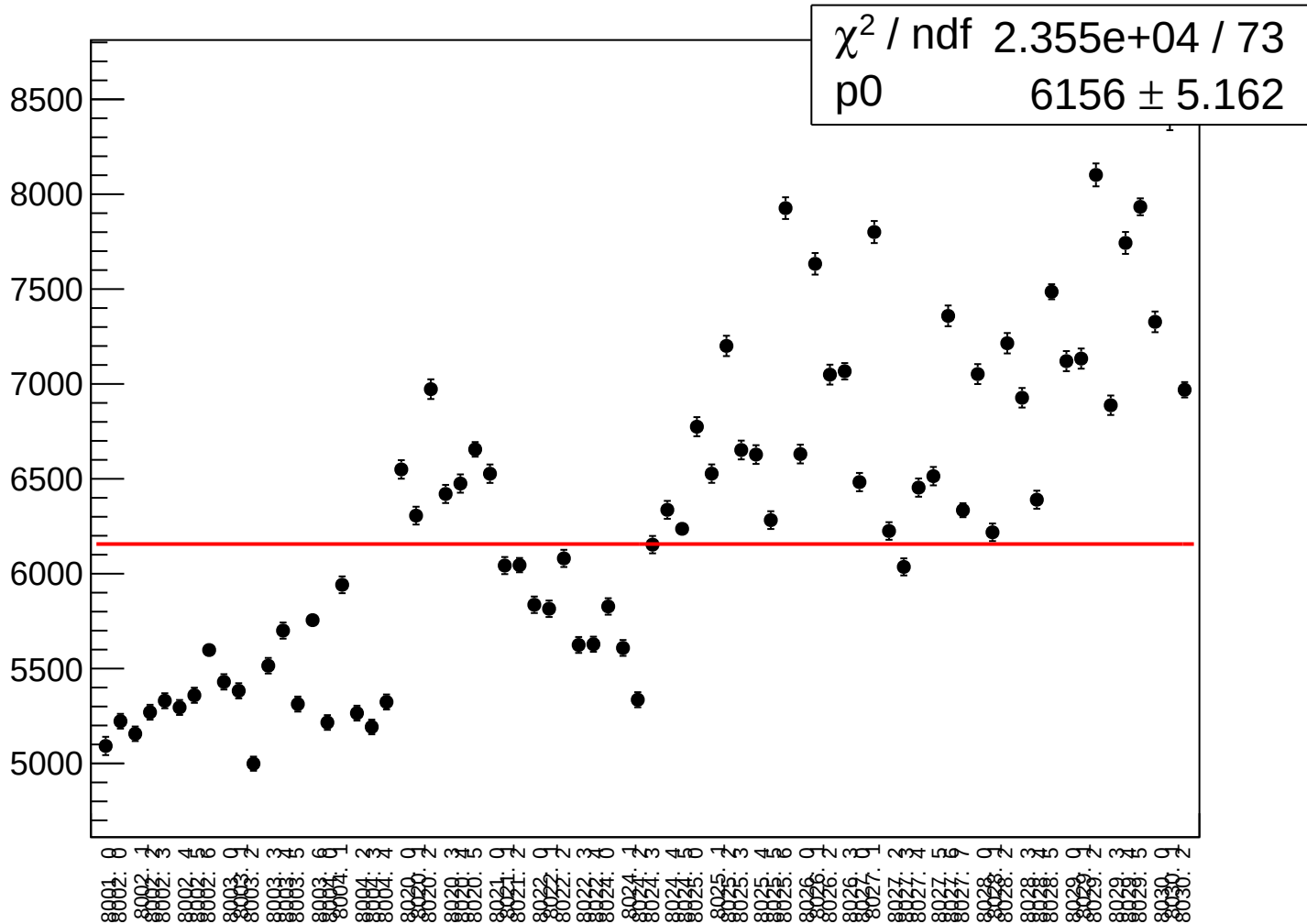
# diff\_bpm4acX\_rms vs run



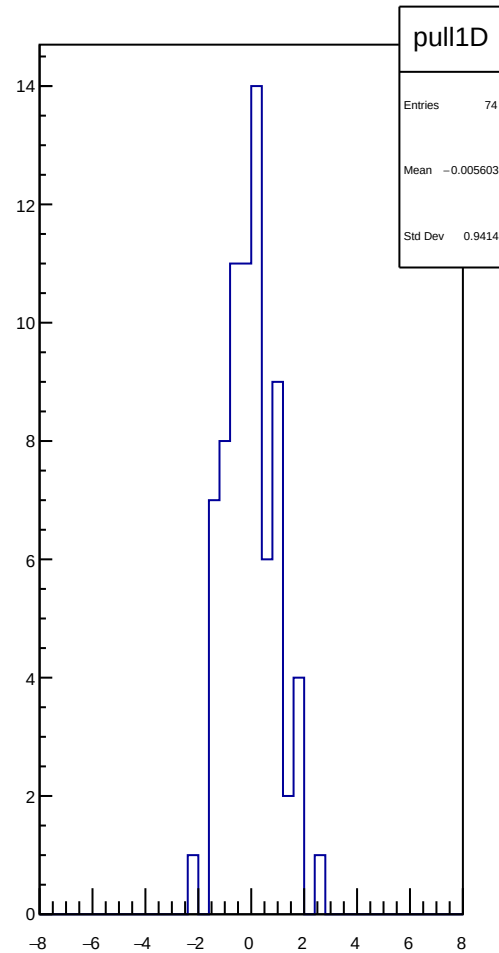
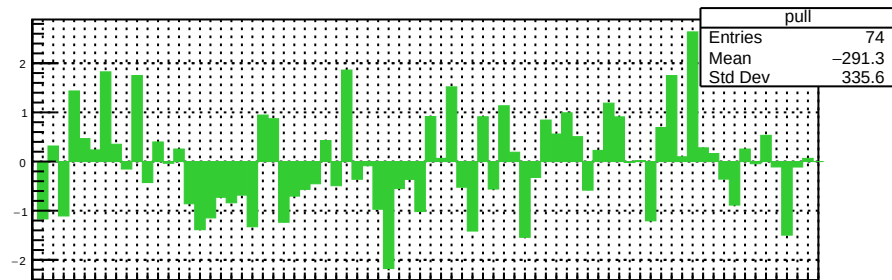
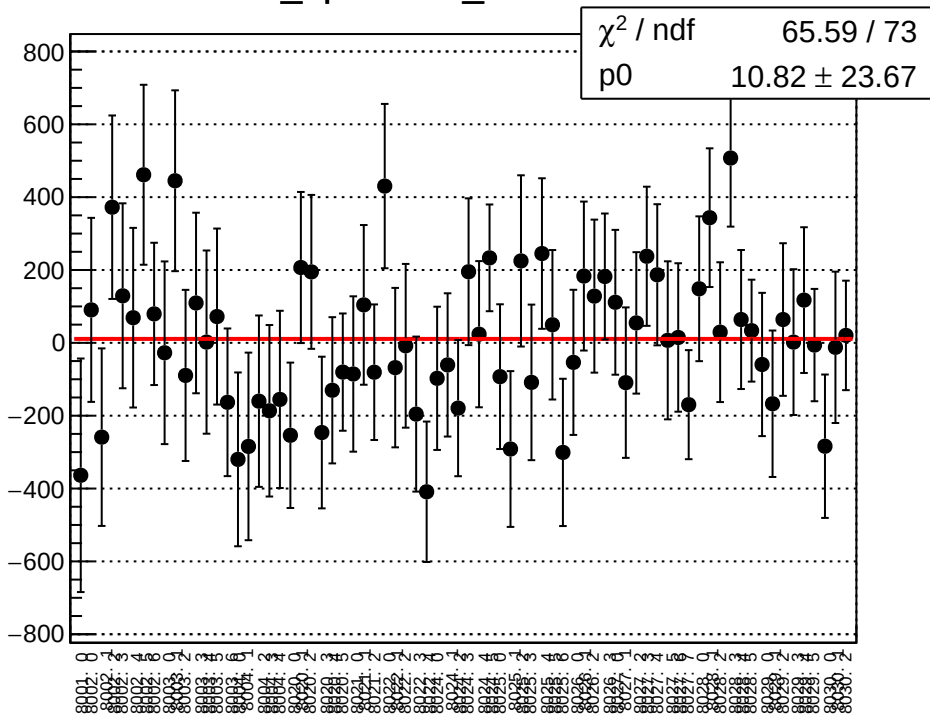
diff\_bpm4acY\_mean vs run



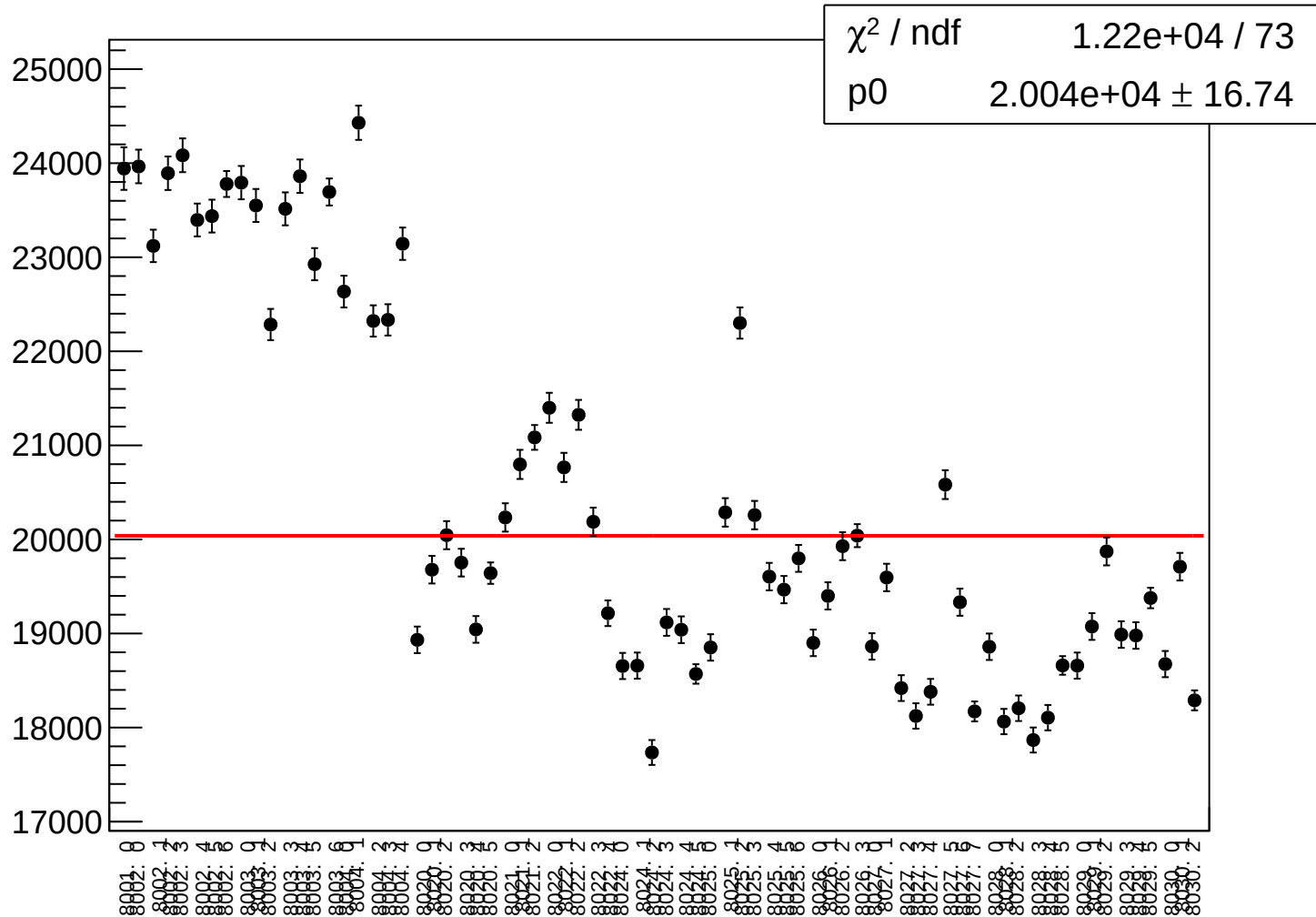
# diff\_bpm4acY\_rms vs run



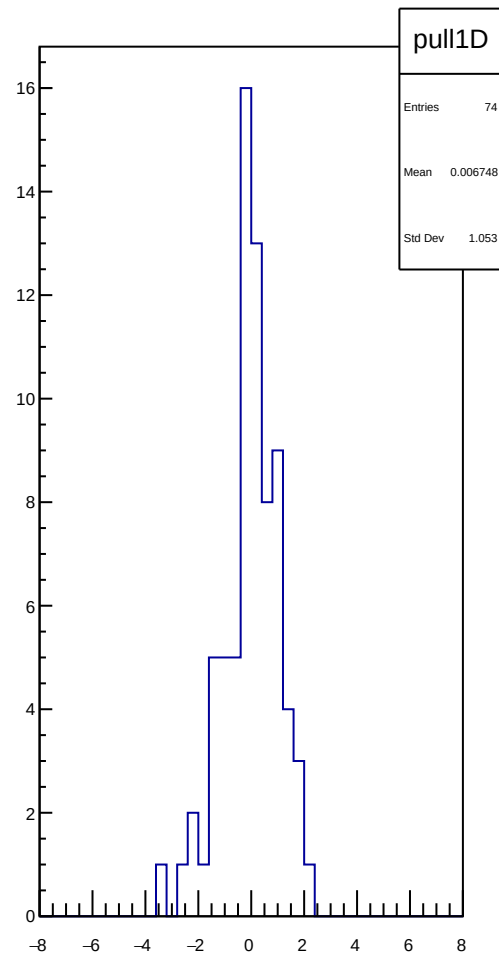
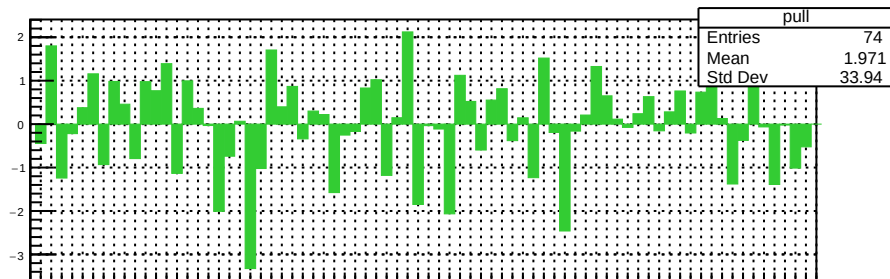
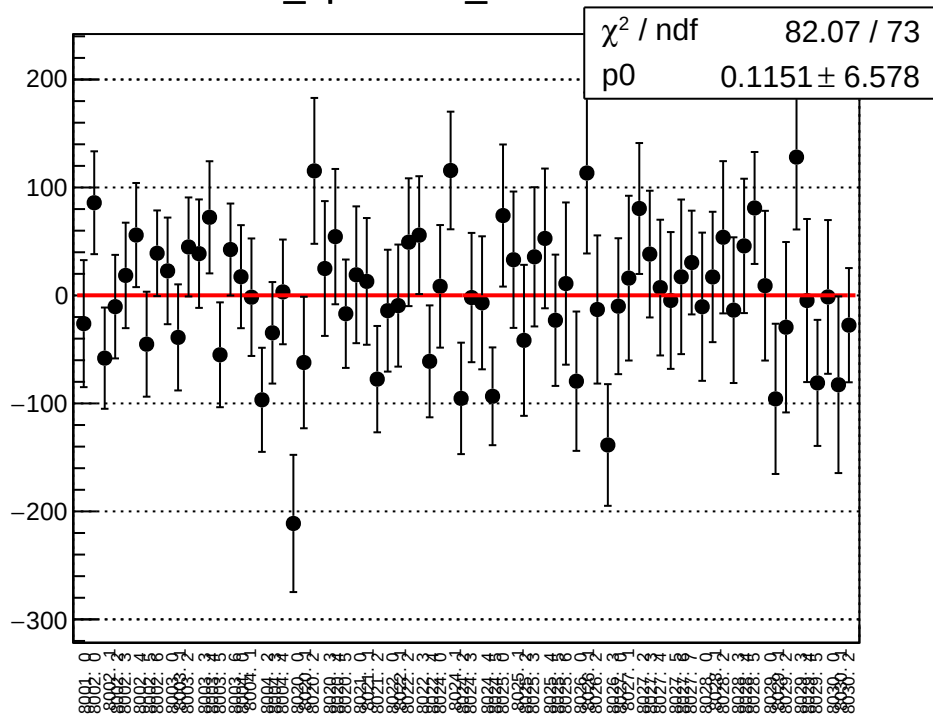
# diff\_bpm4ecX\_mean vs run



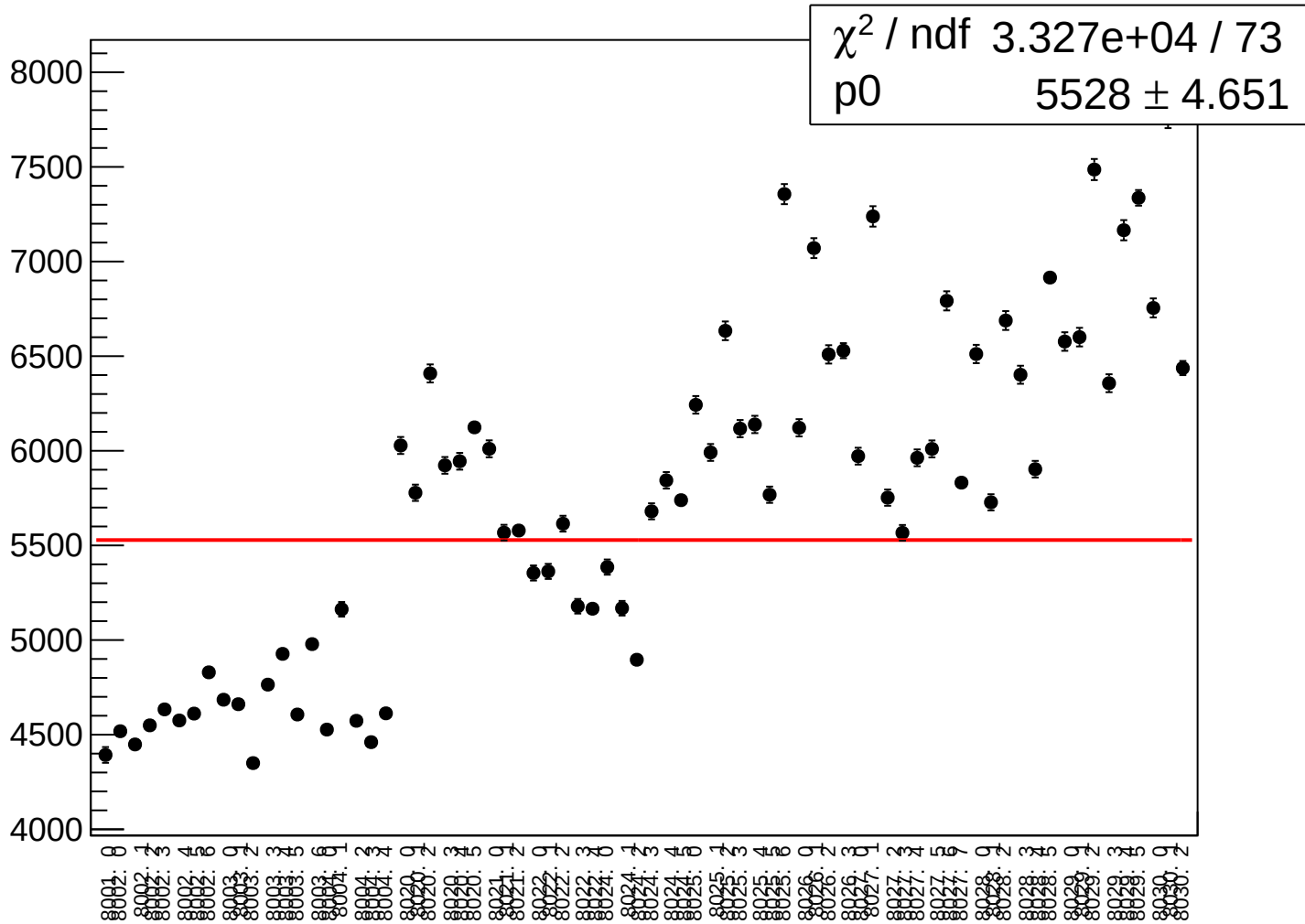
# diff\_bpm4ecX\_rms vs run



diff\_bpm4ecY\_mean vs run

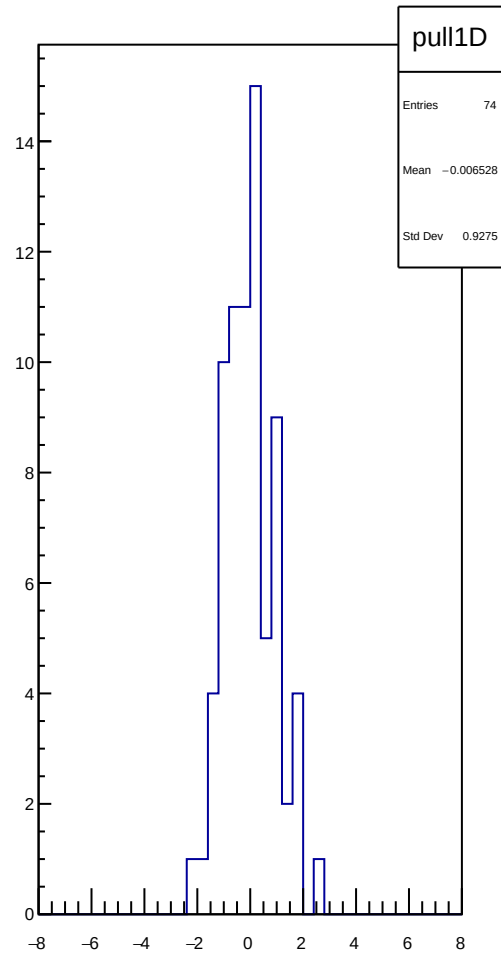
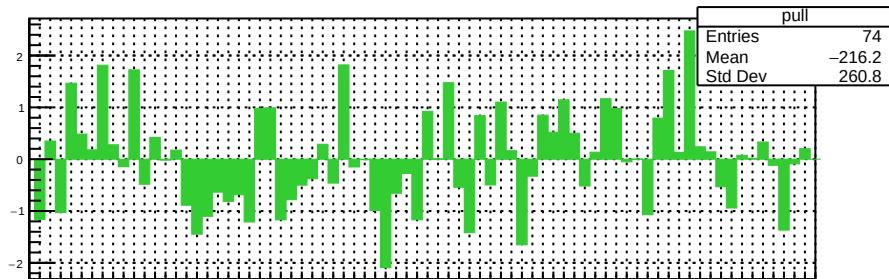
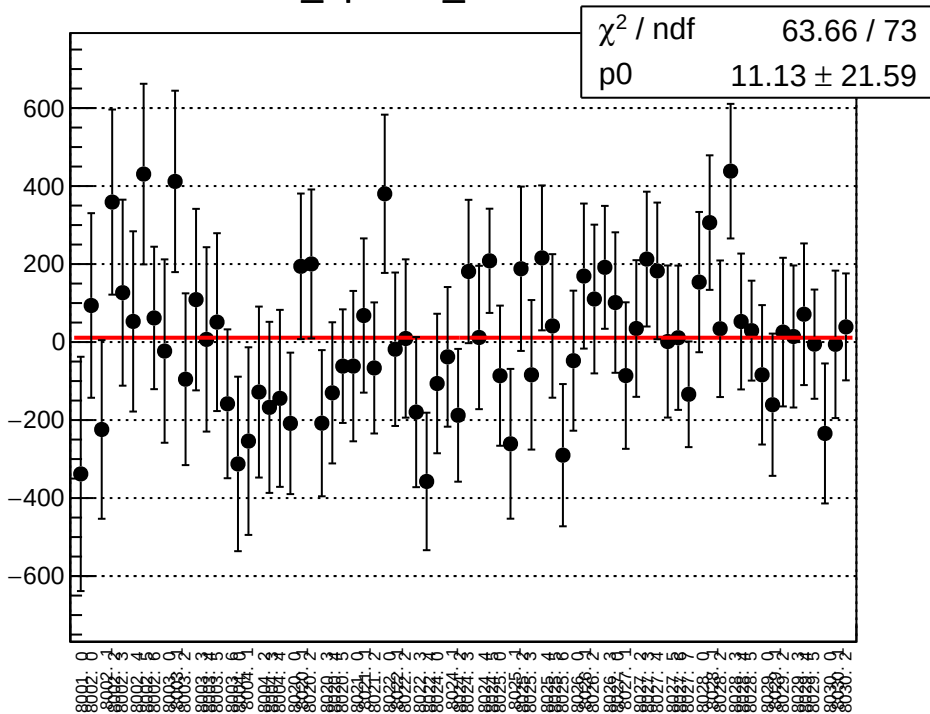


diff\_bpm4ecY\_rms vs run

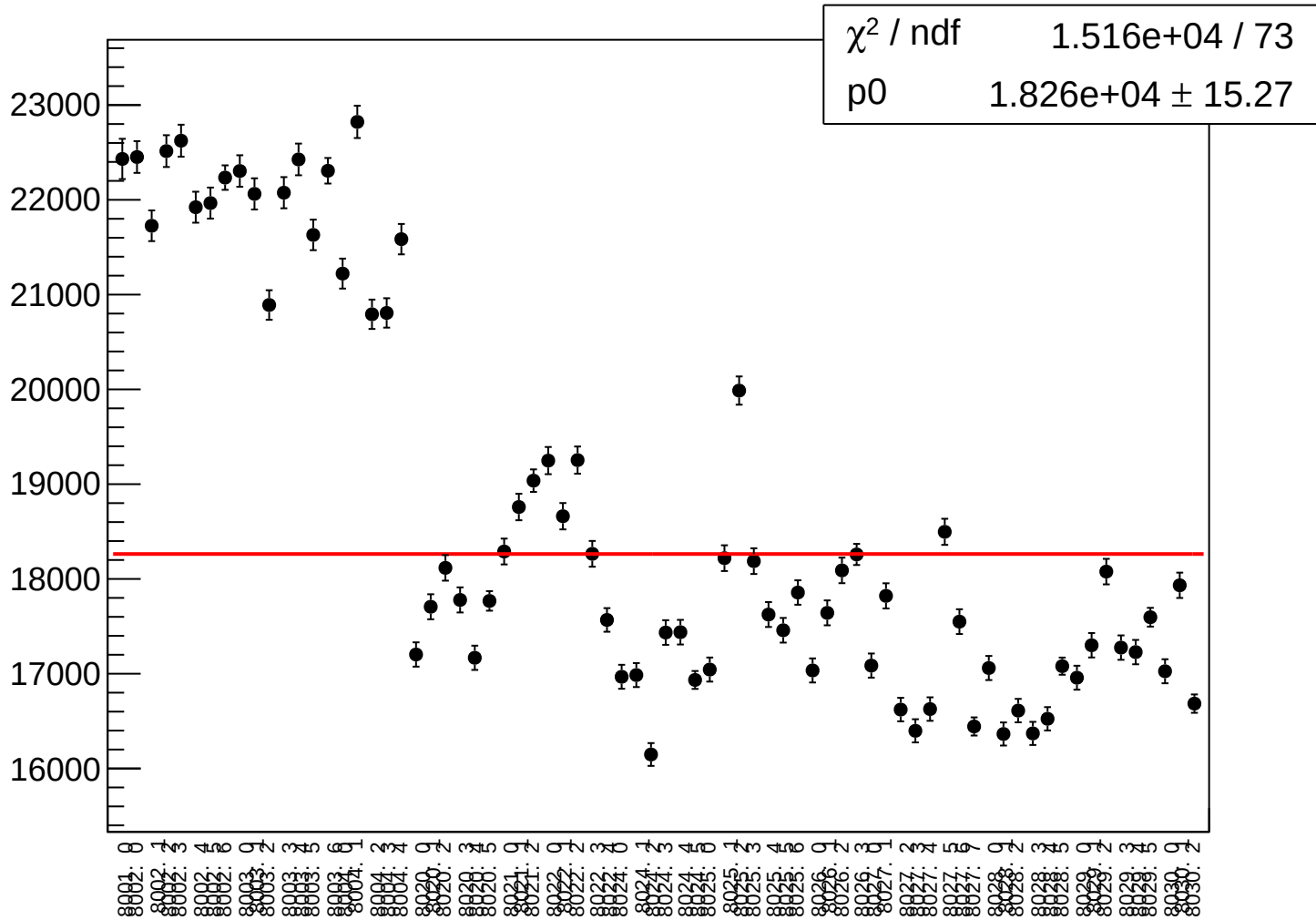




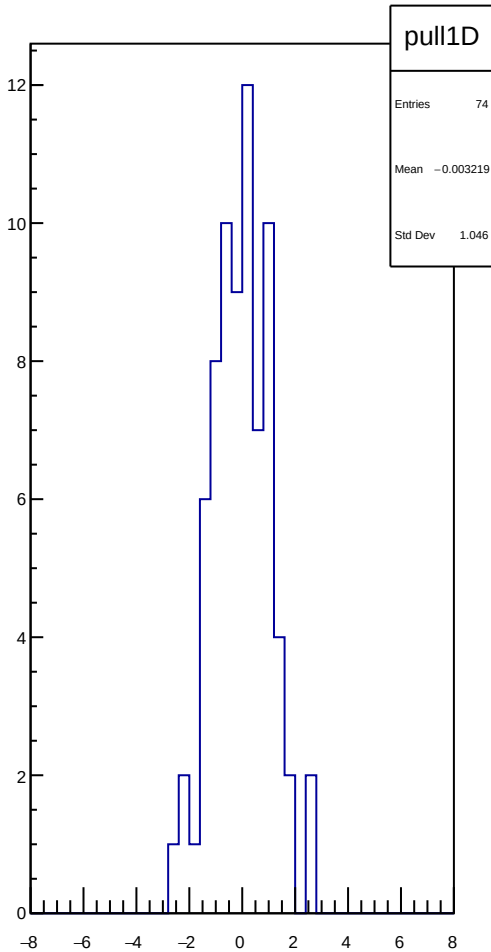
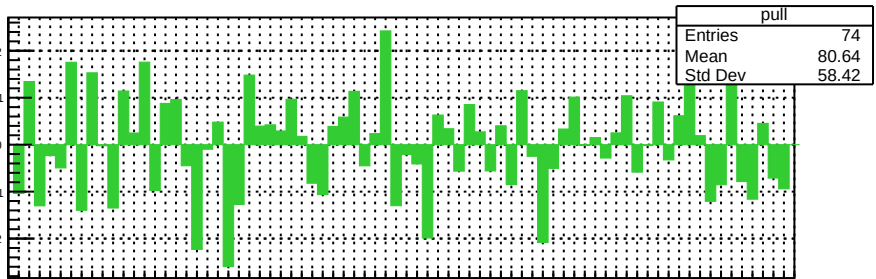
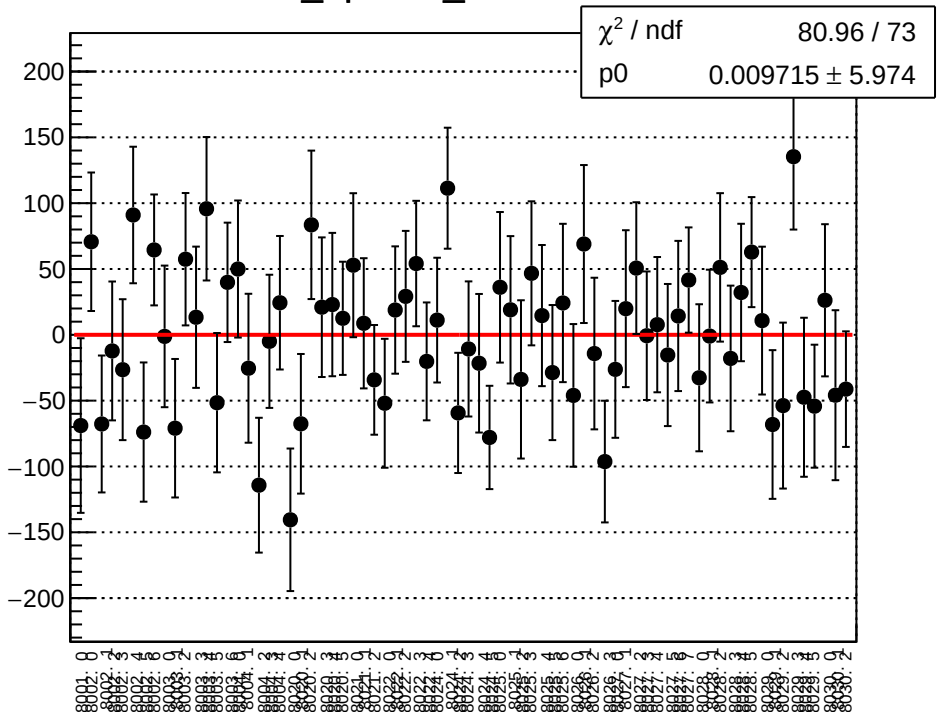
diff\_bpm1X\_mean vs run



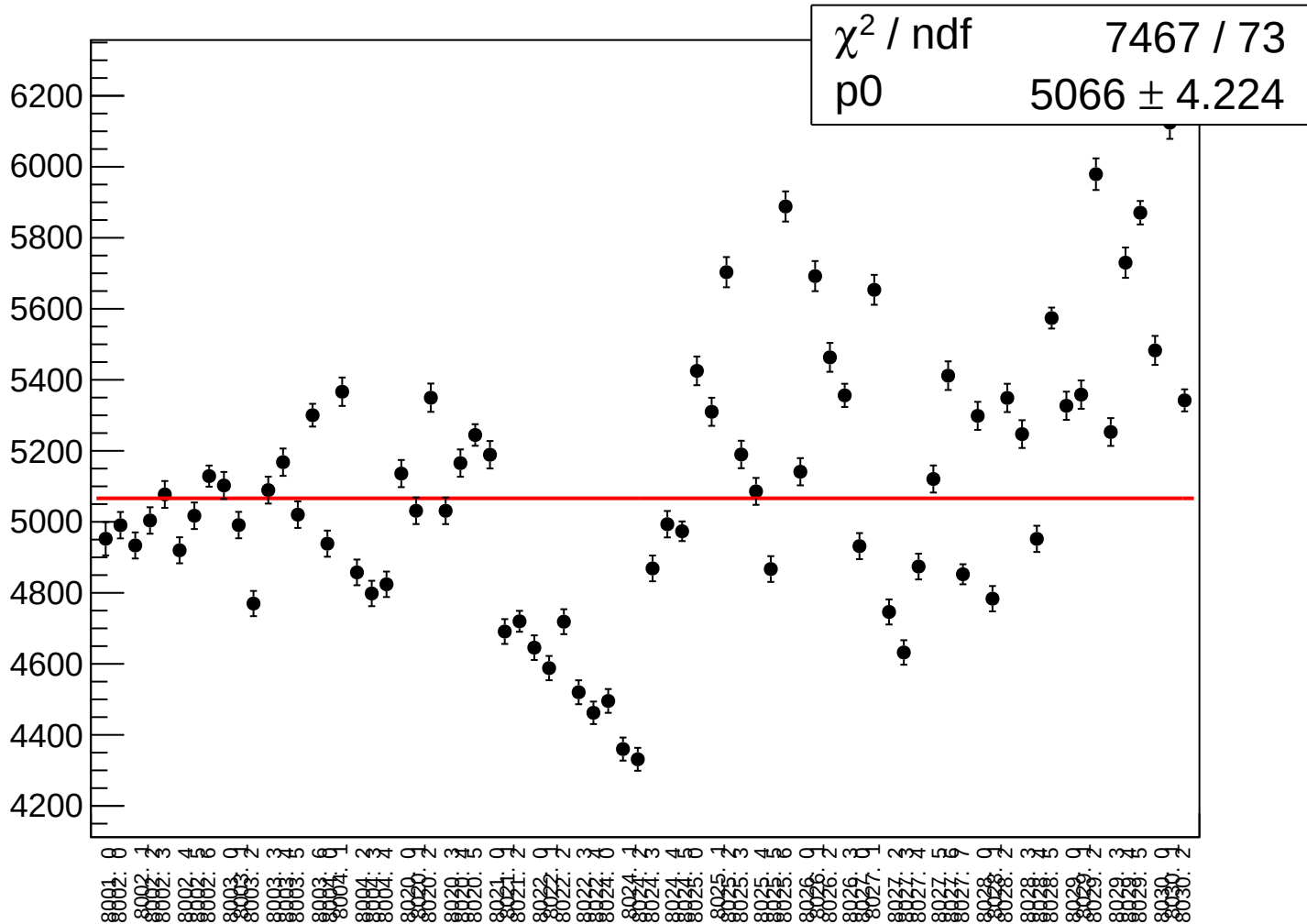
# diff\_bpm1X\_rms vs run



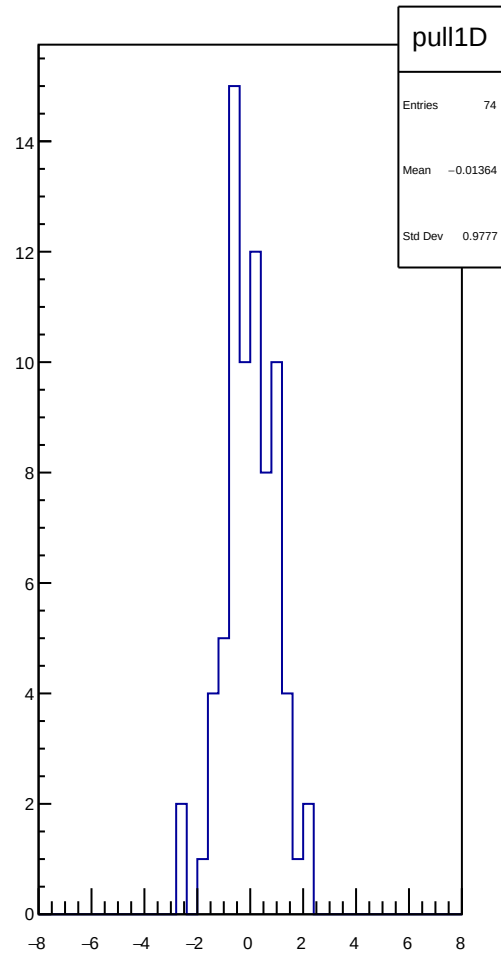
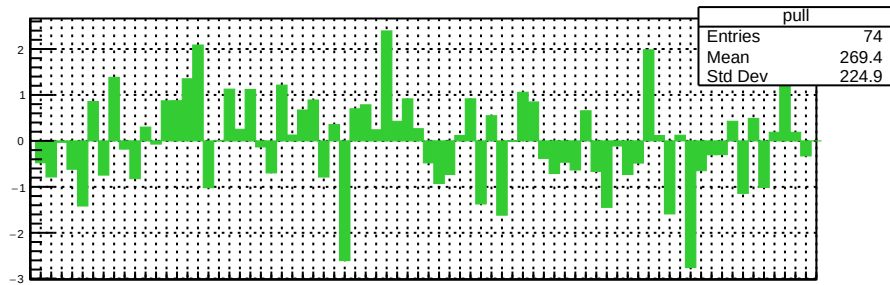
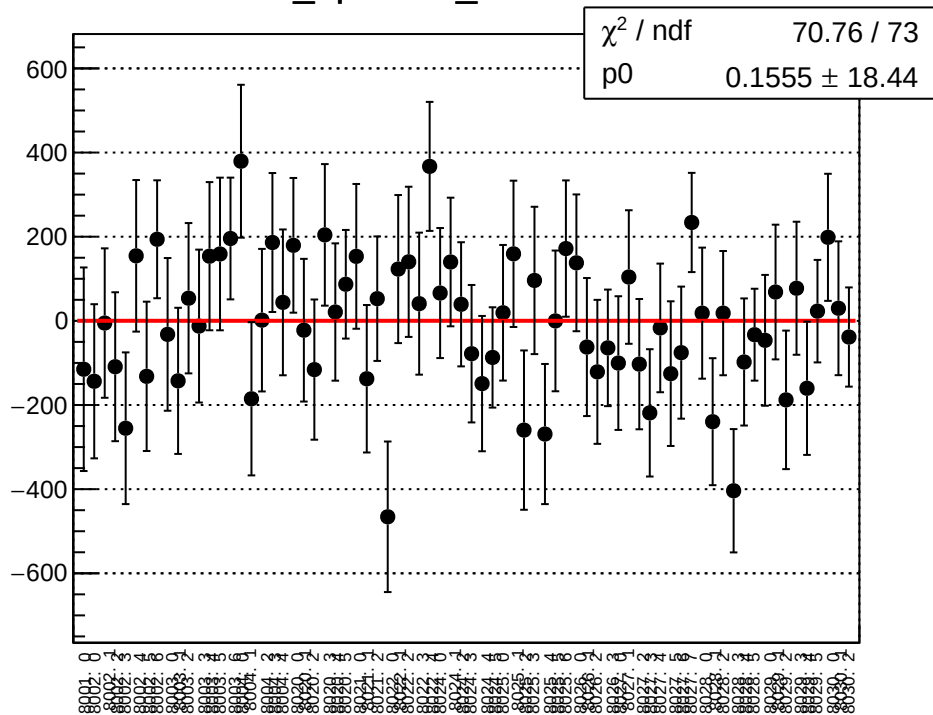
diff\_bpm1Y\_mean vs run



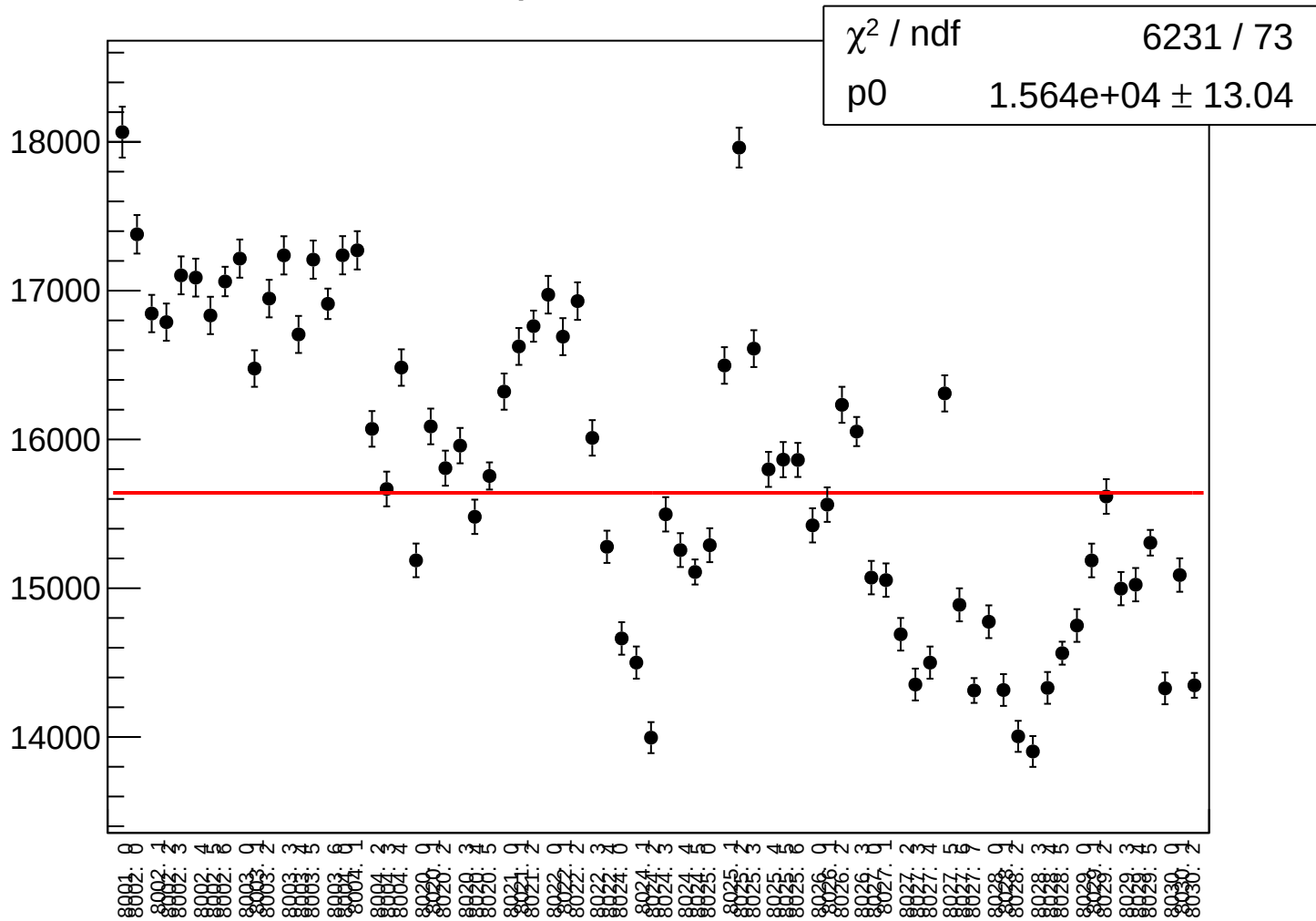
# diff\_bpm1Y\_rms vs run



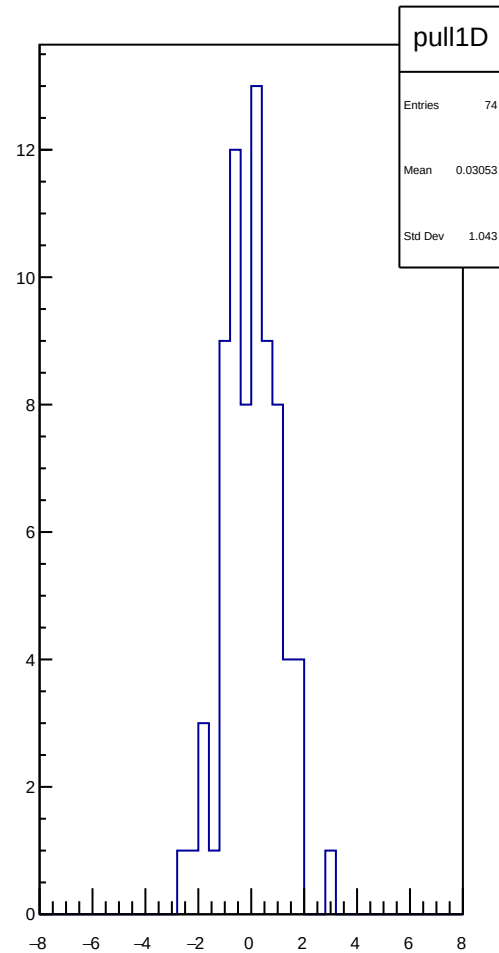
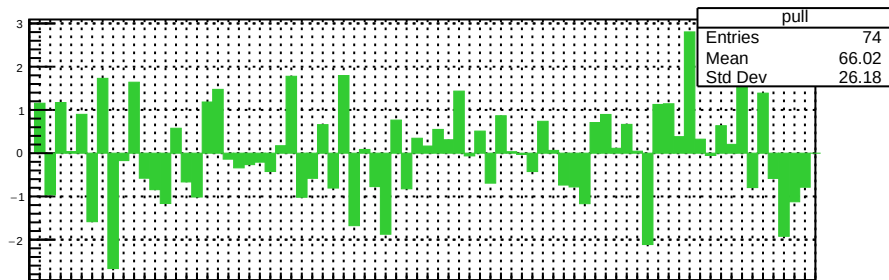
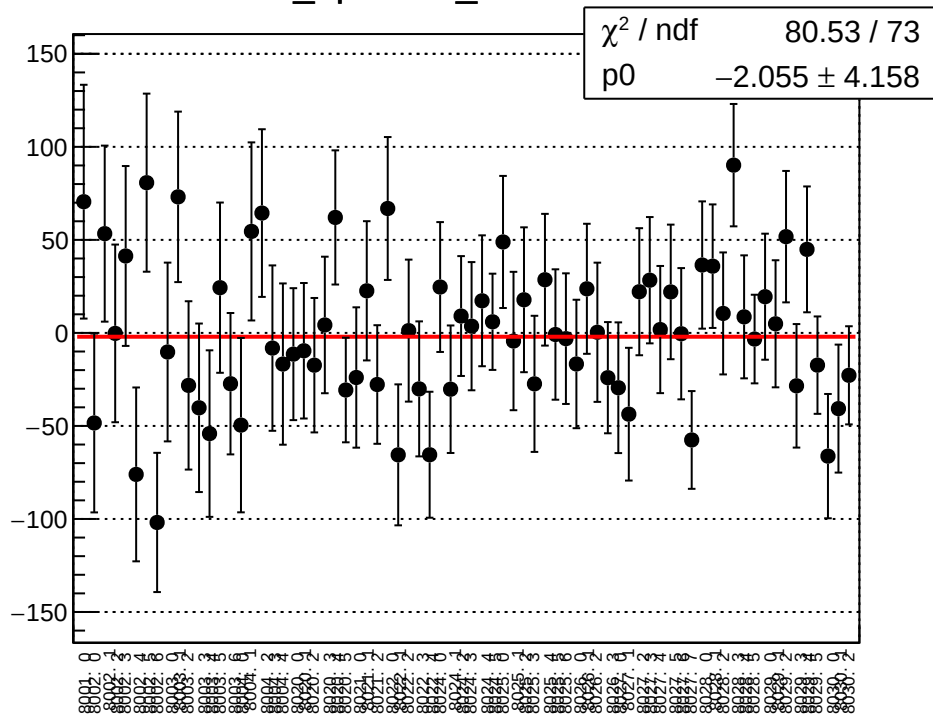
diff\_bpm11X\_mean vs run



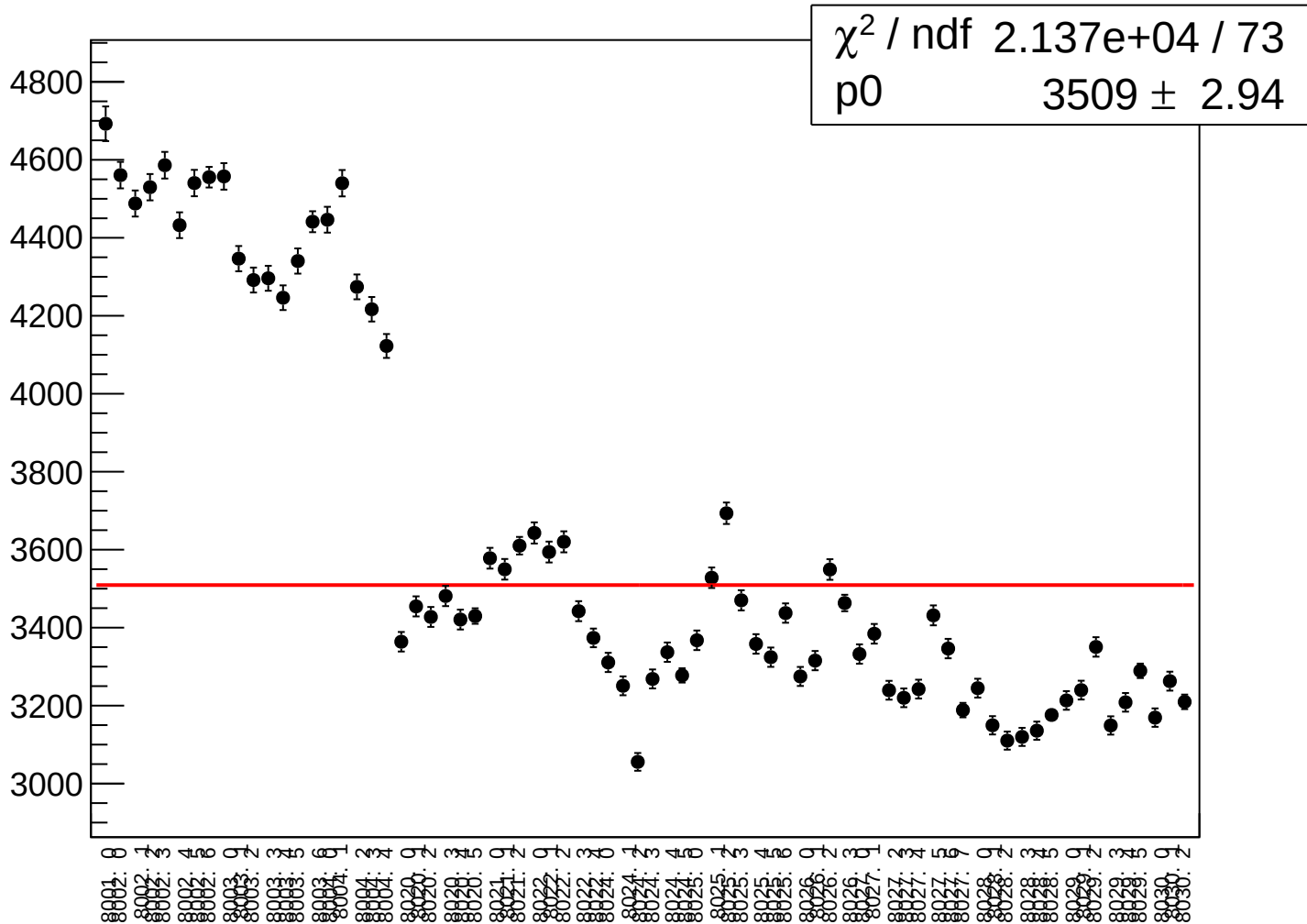
# diff\_bpm11X\_rms vs run



diff\_bpm11Y\_mean vs run

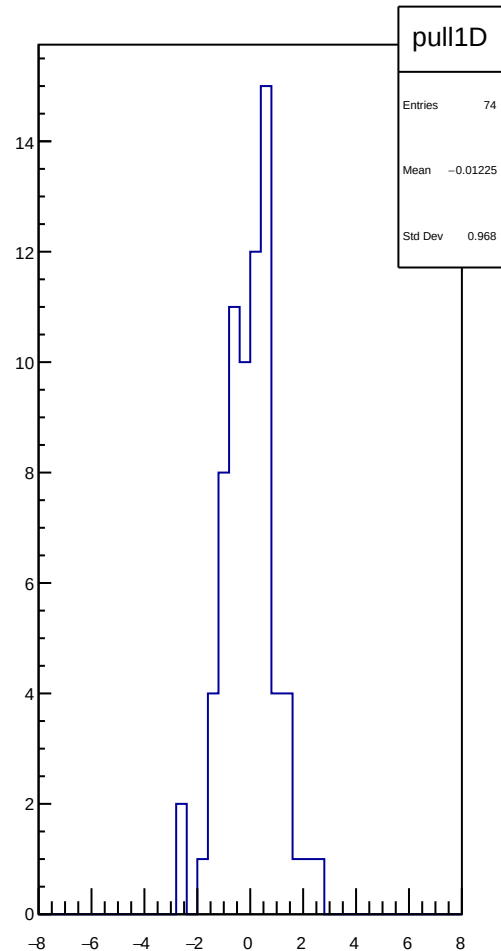
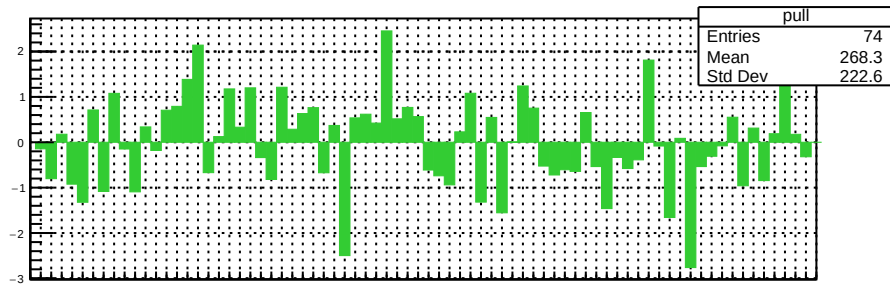
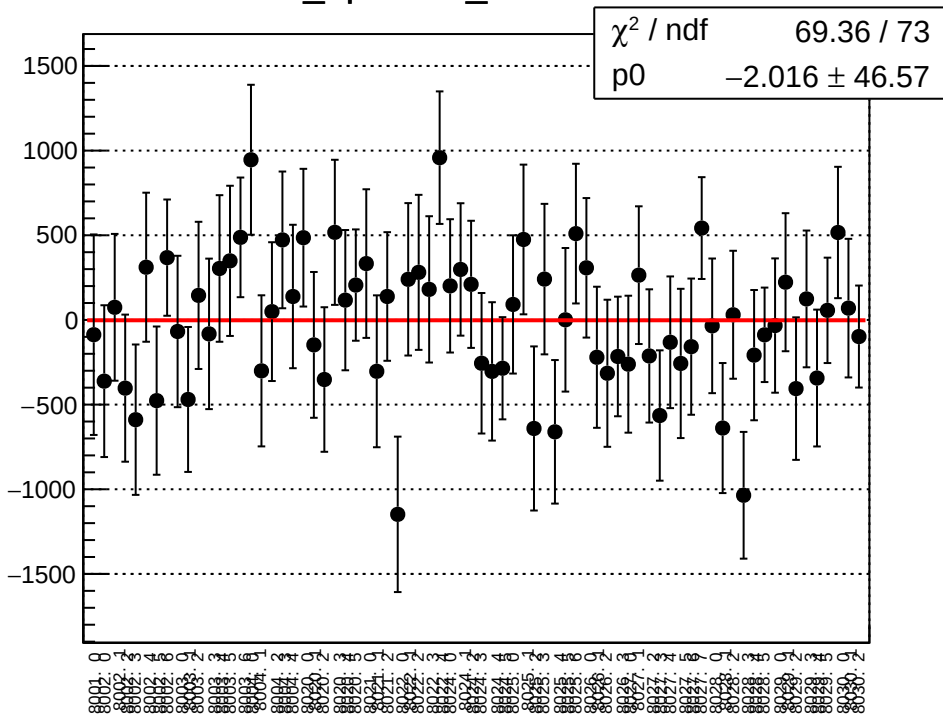


# diff\_bpm11Y\_rms vs run

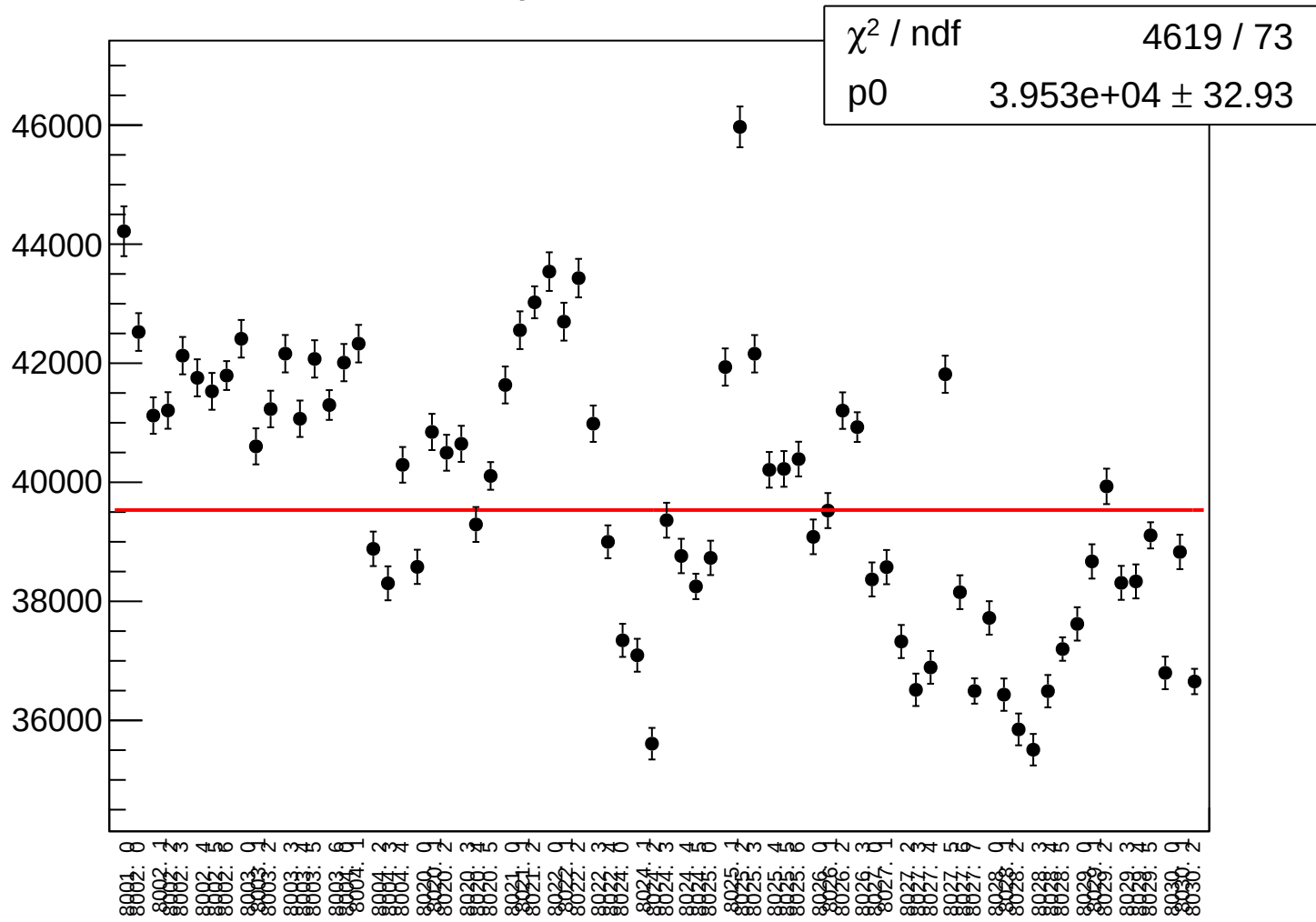




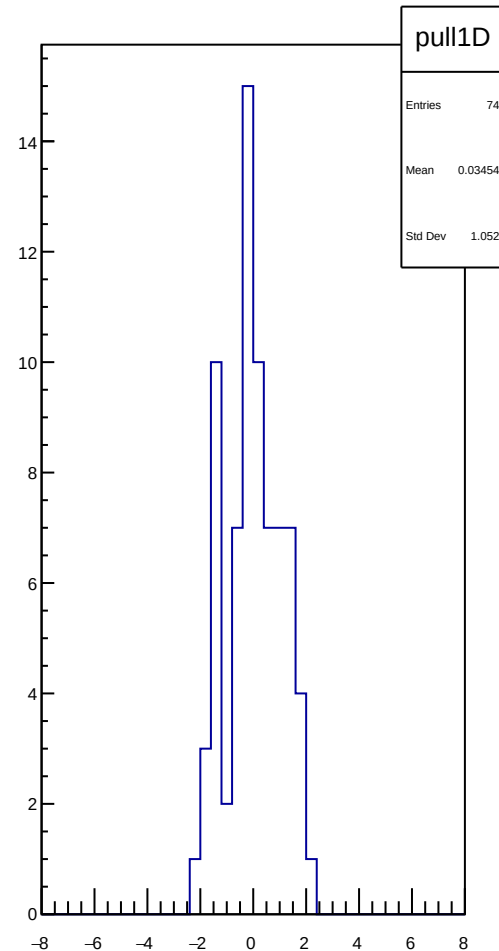
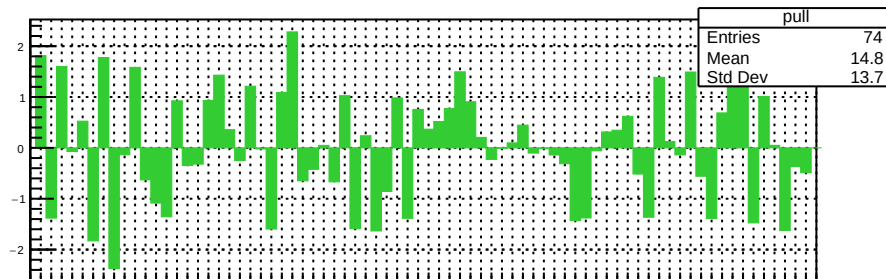
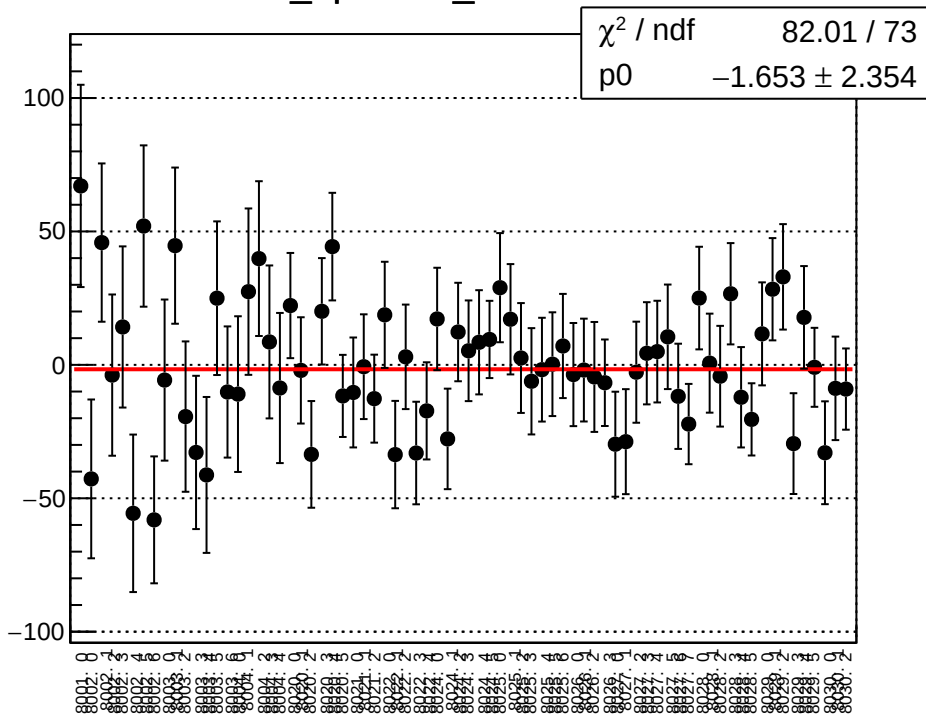
diff\_bpm12X\_mean vs run



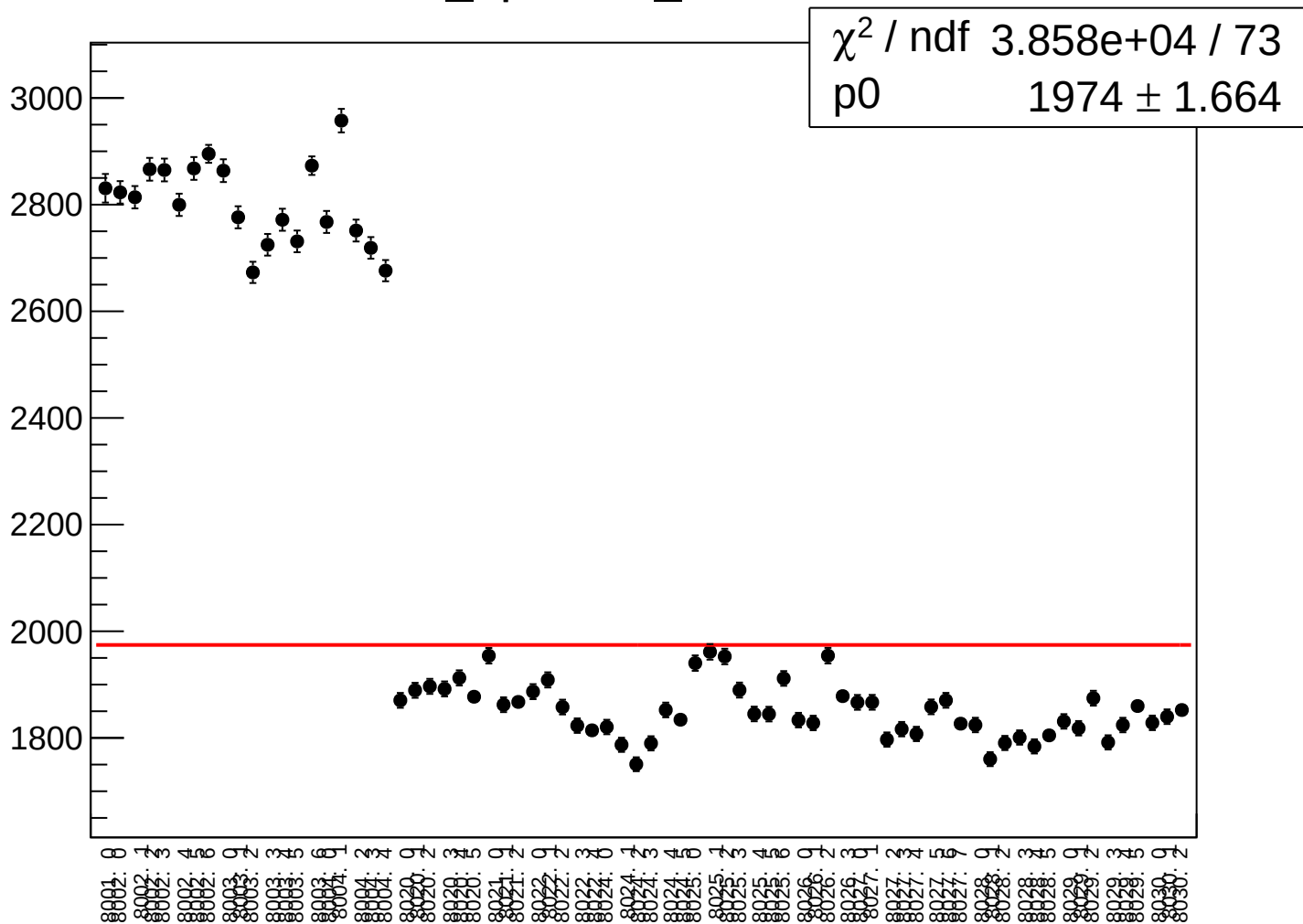
# diff\_bpm12X\_rms vs run



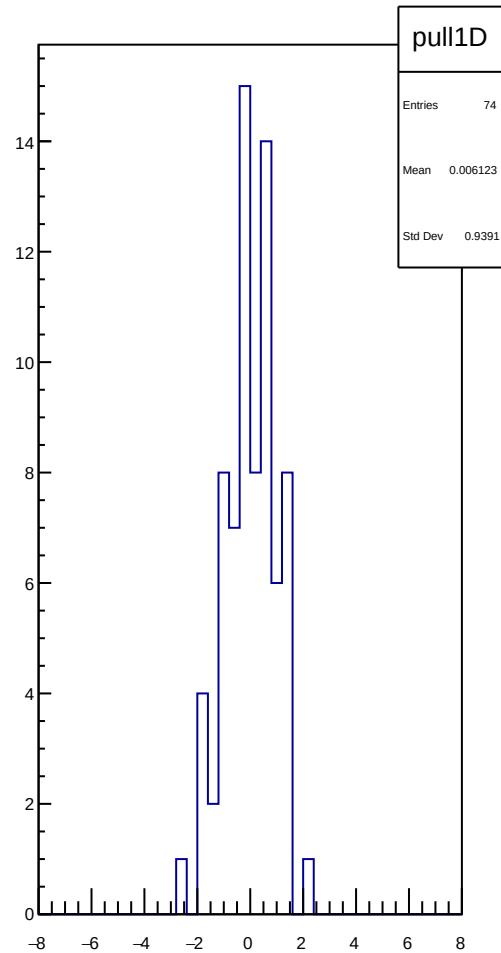
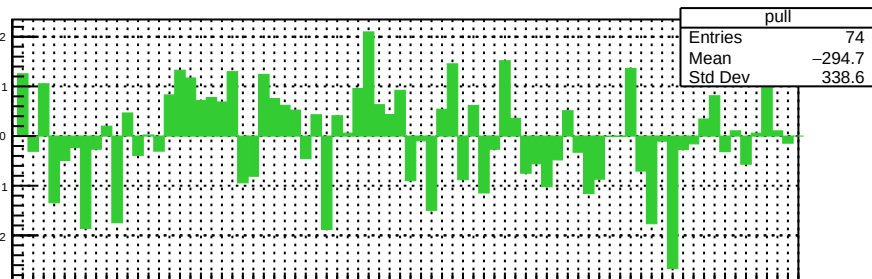
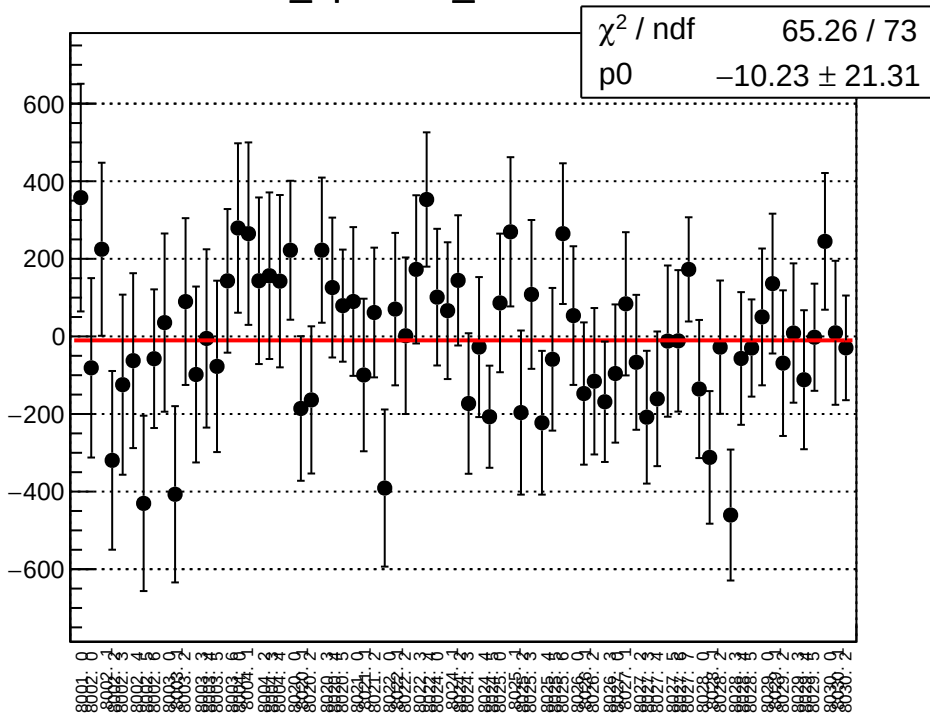
# diff\_bpm12Y\_mean vs run



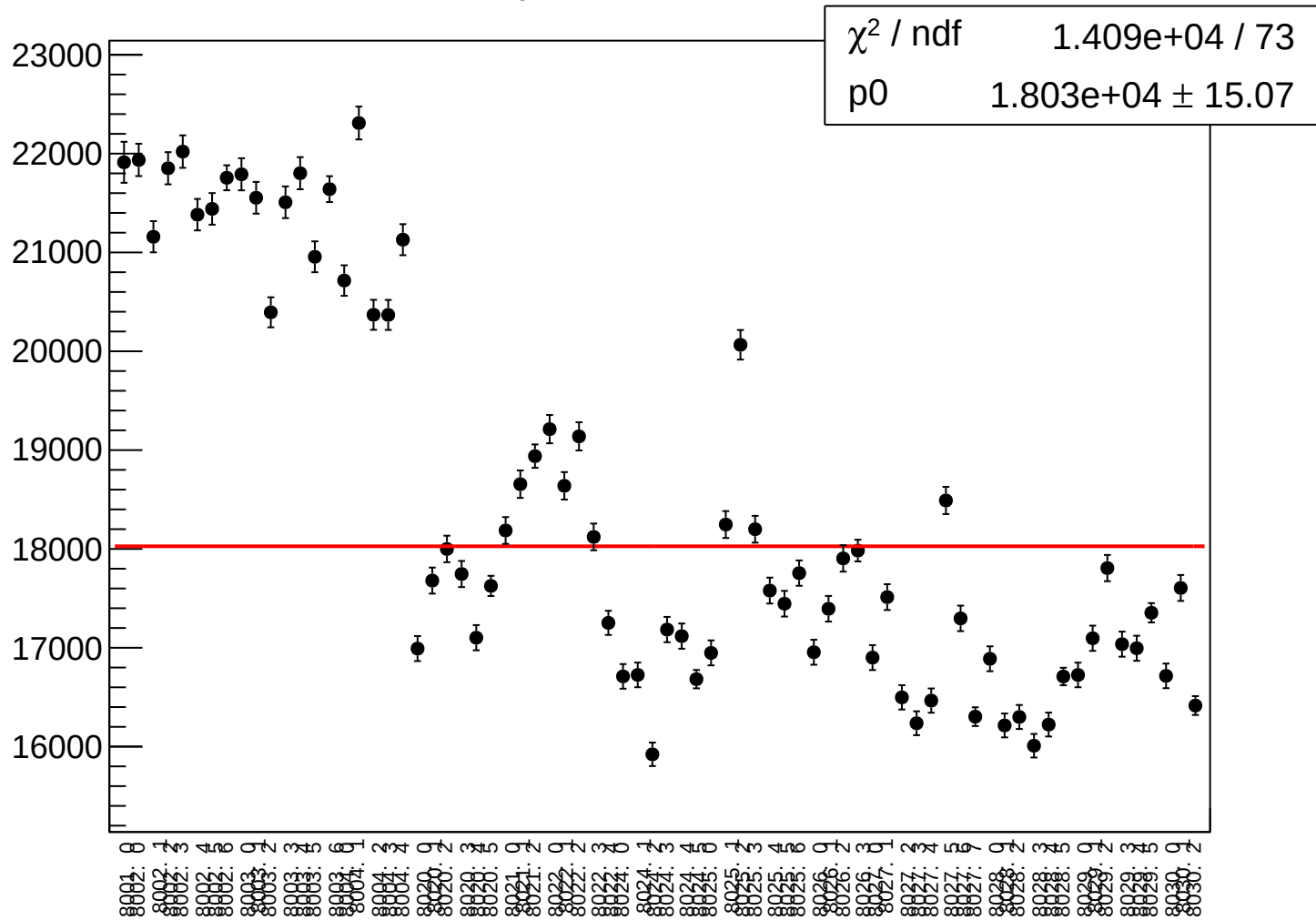
diff\_bpm12Y\_rms vs run



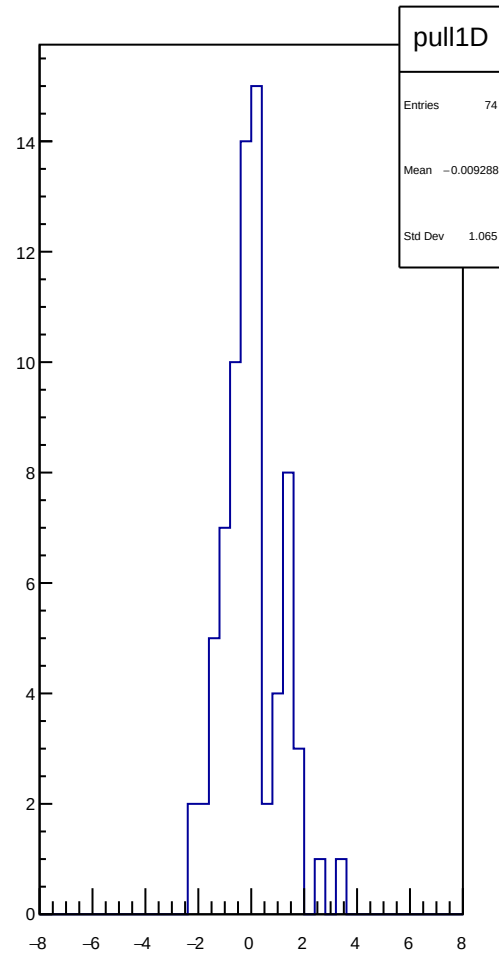
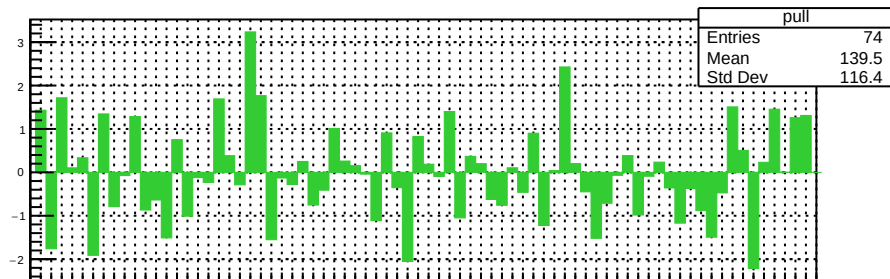
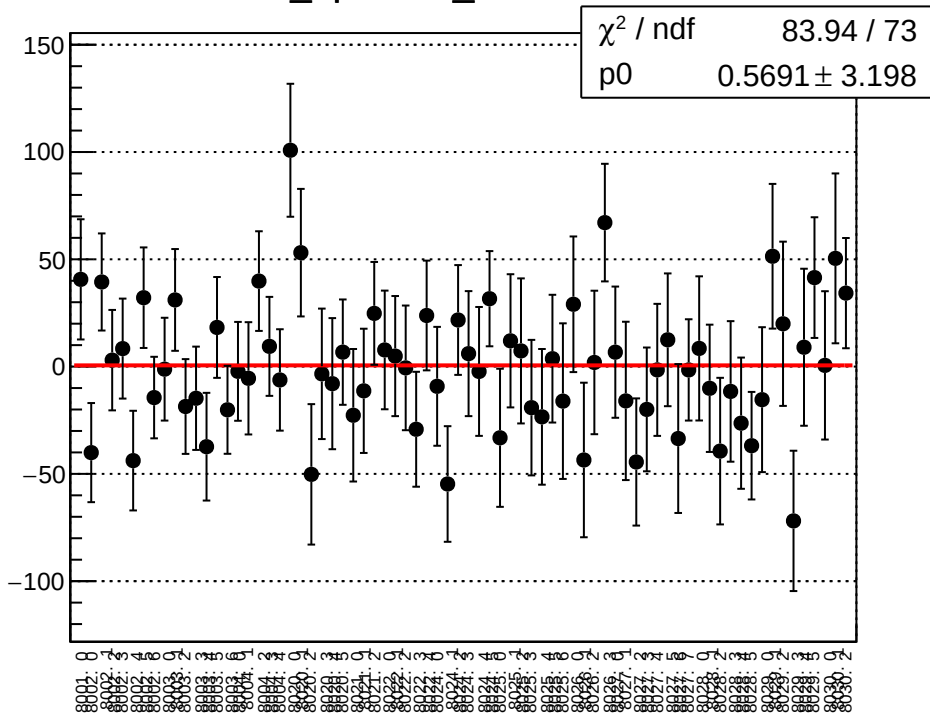
# diff\_bpm16X\_mean vs un



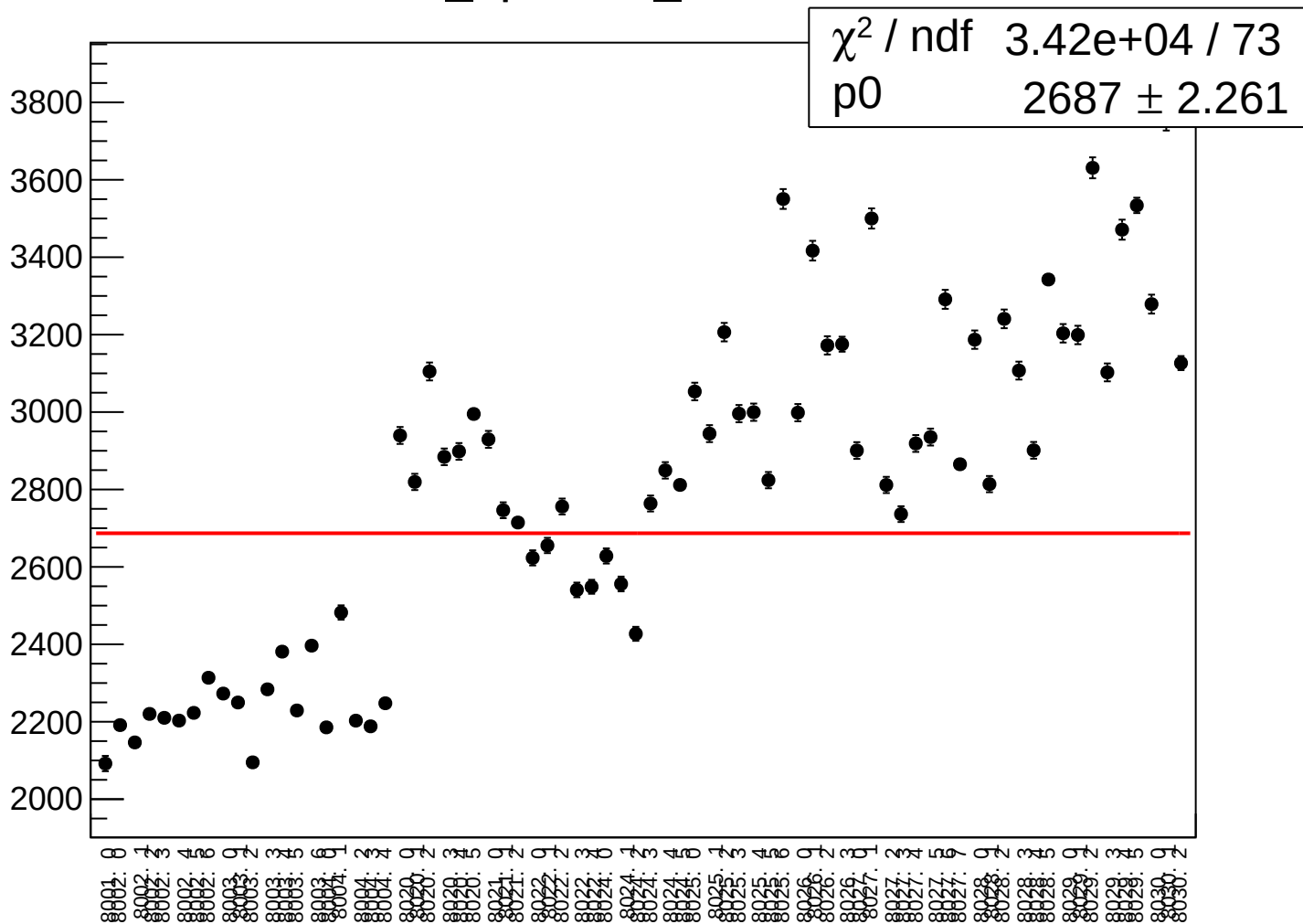
diff\_bpm16X\_rms vs run



diff\_bpm16Y\_mean vs run

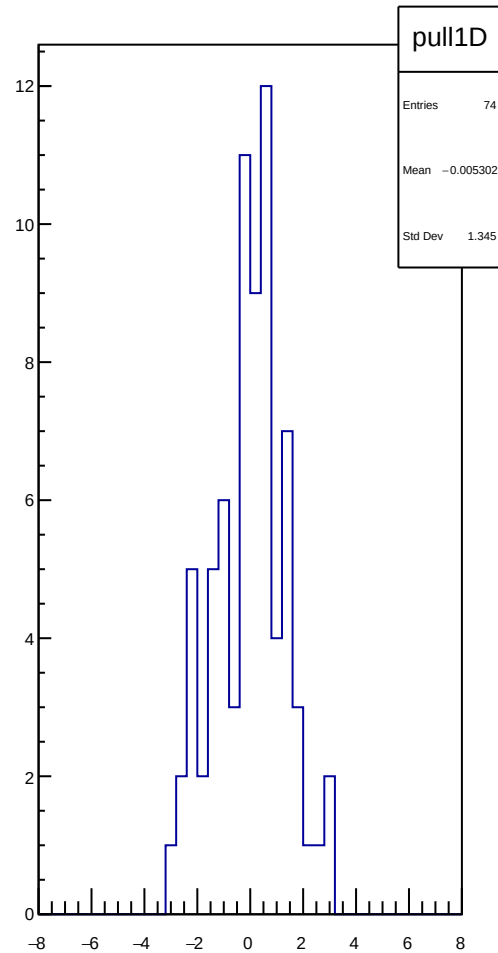
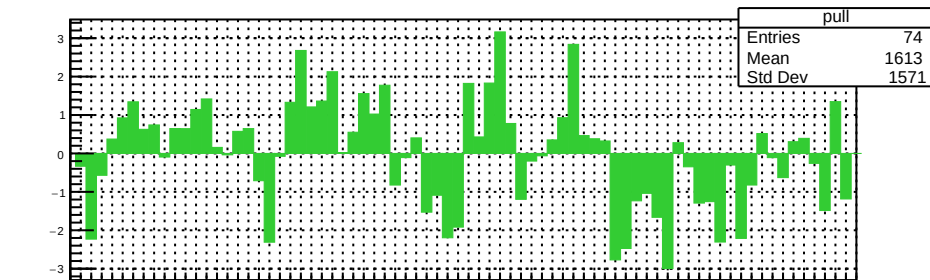
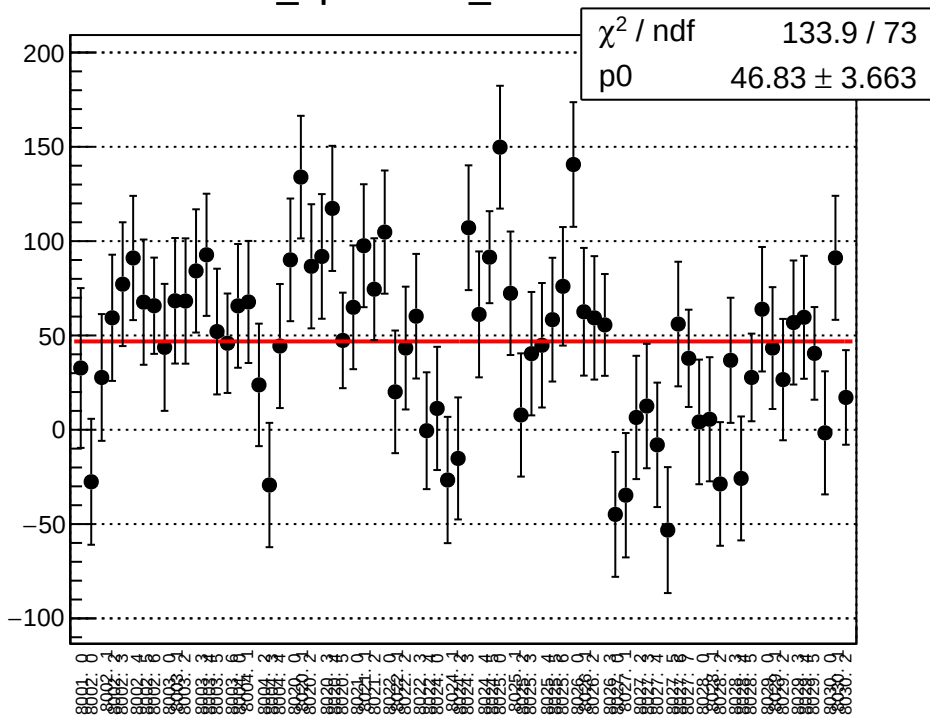


diff\_bpm16Y\_rms vs run

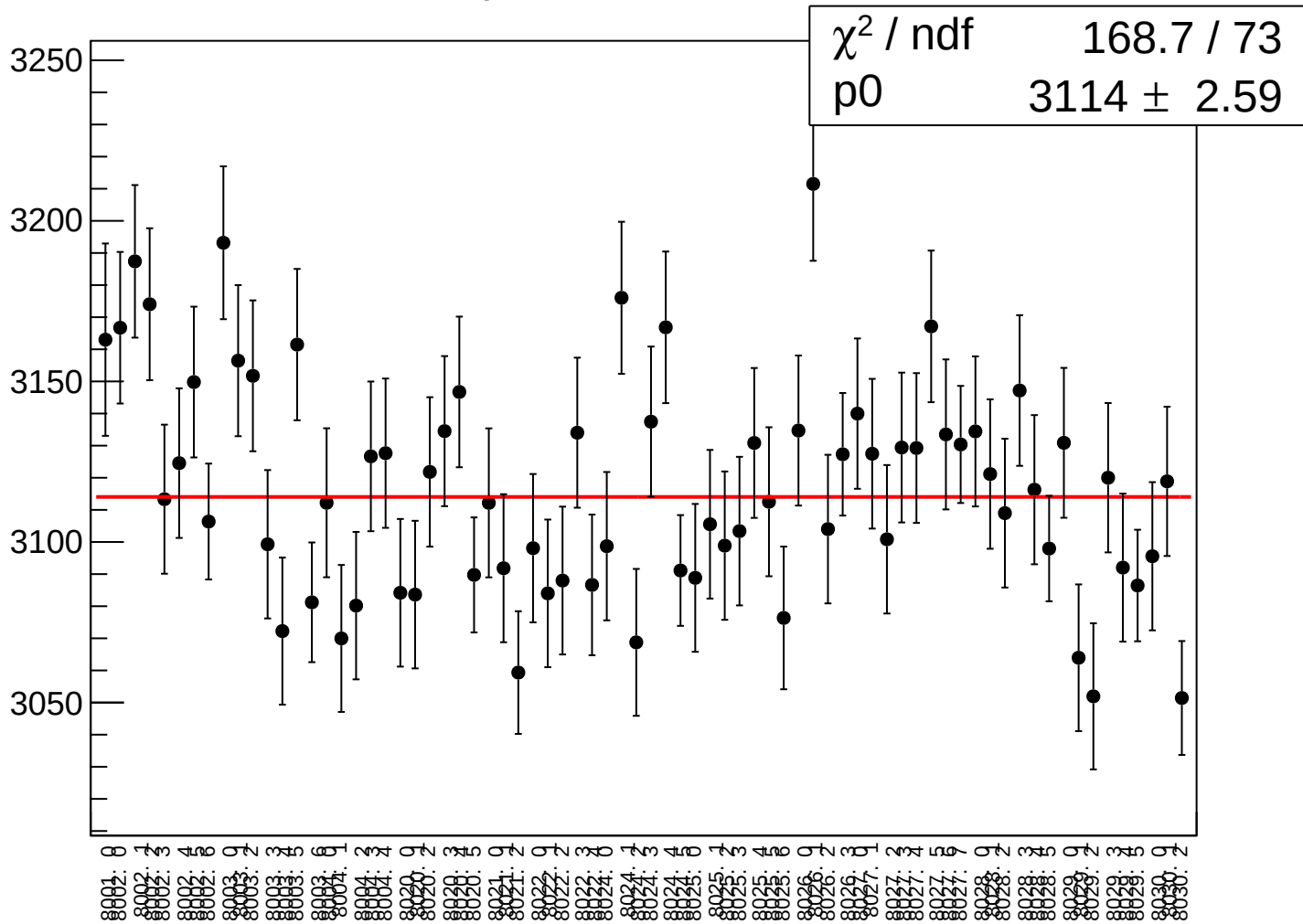




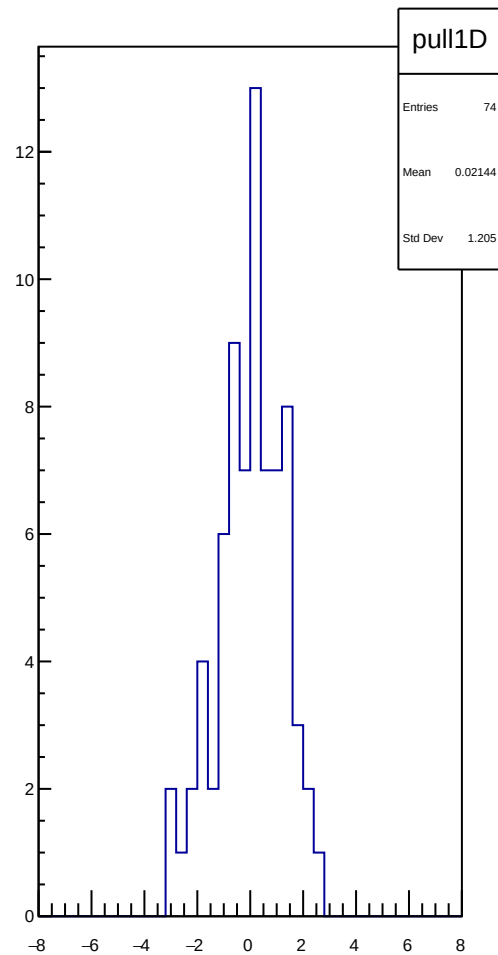
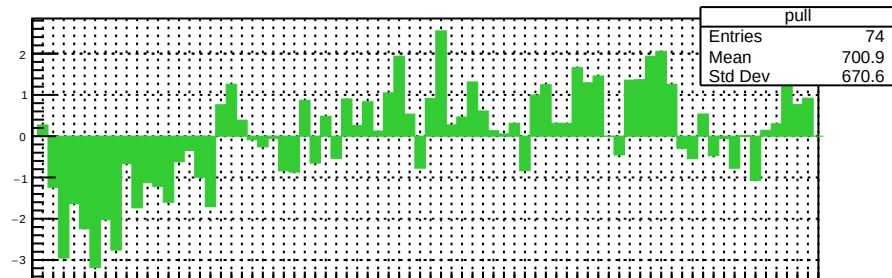
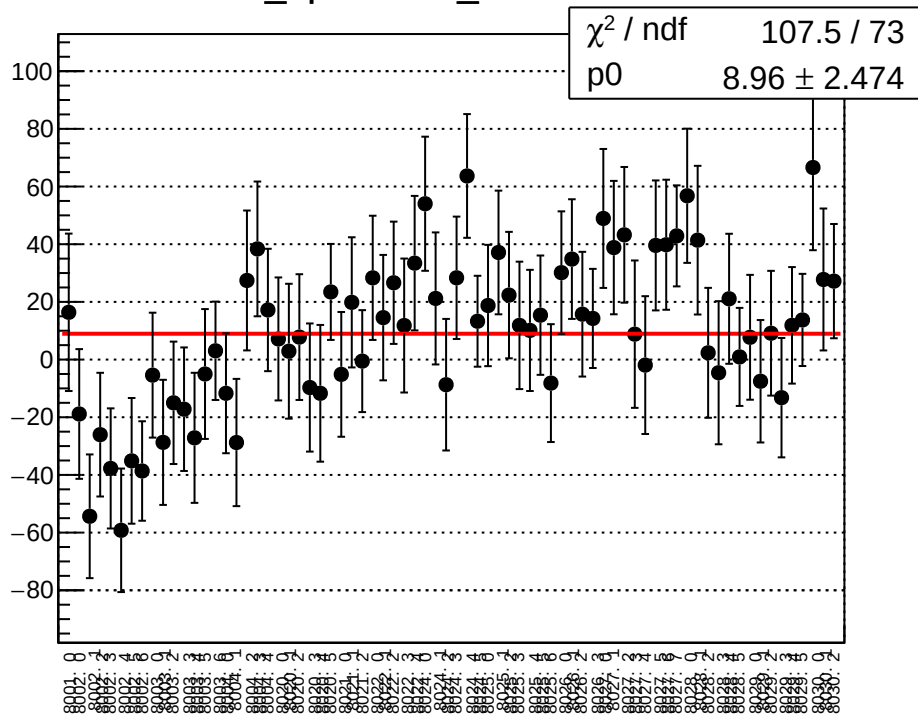
diff\_bpm0l01X\_mean vs run



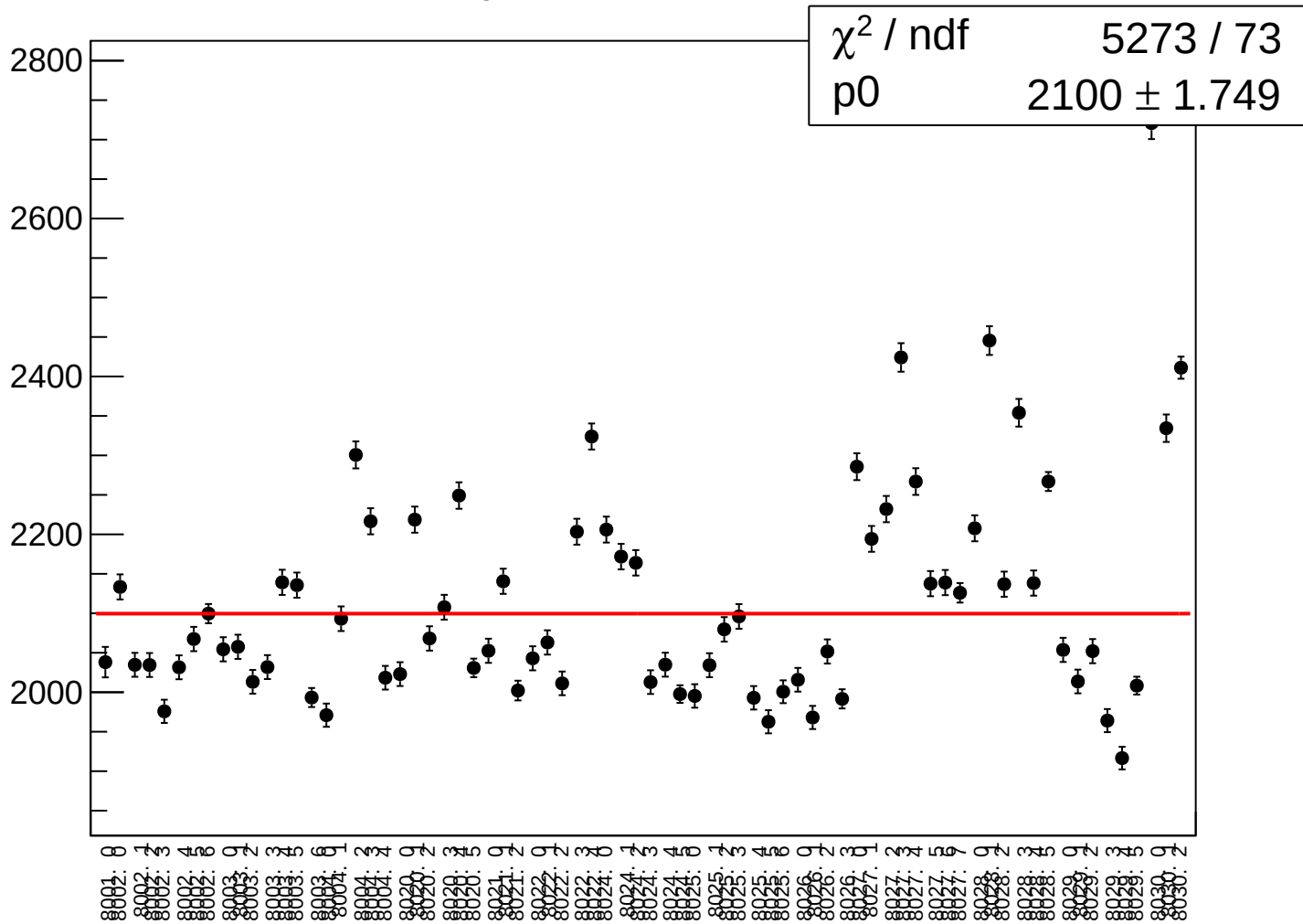
diff\_bpm0l01X\_rms vs run



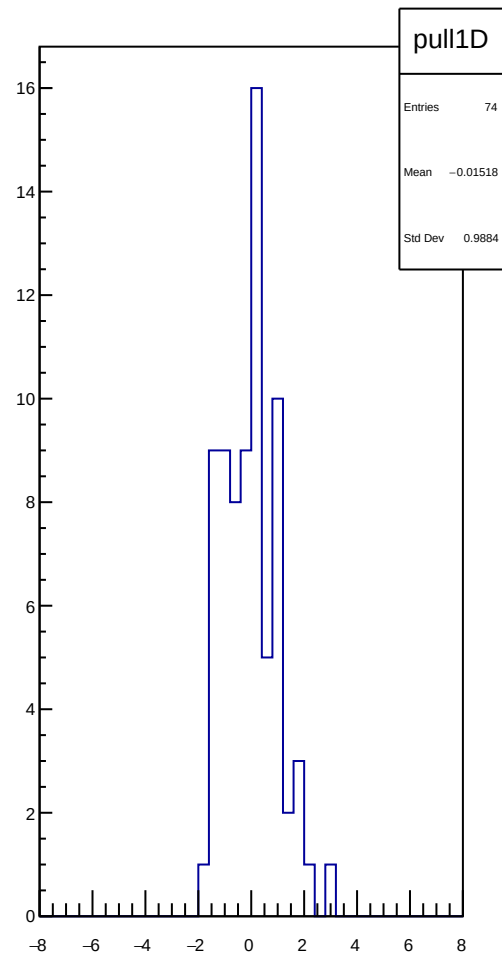
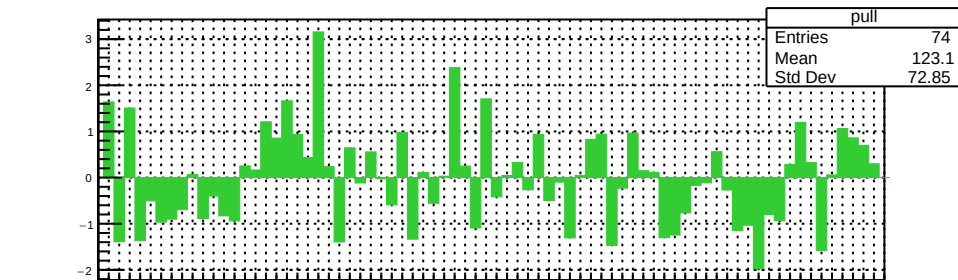
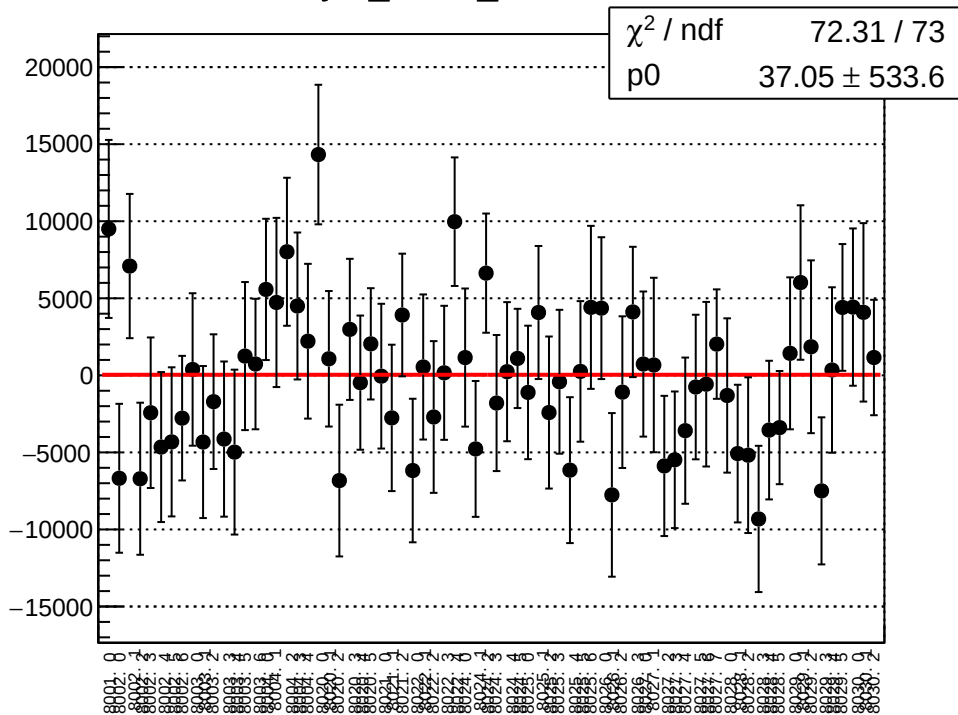
# diff\_bpm0l01Y\_mean vs run



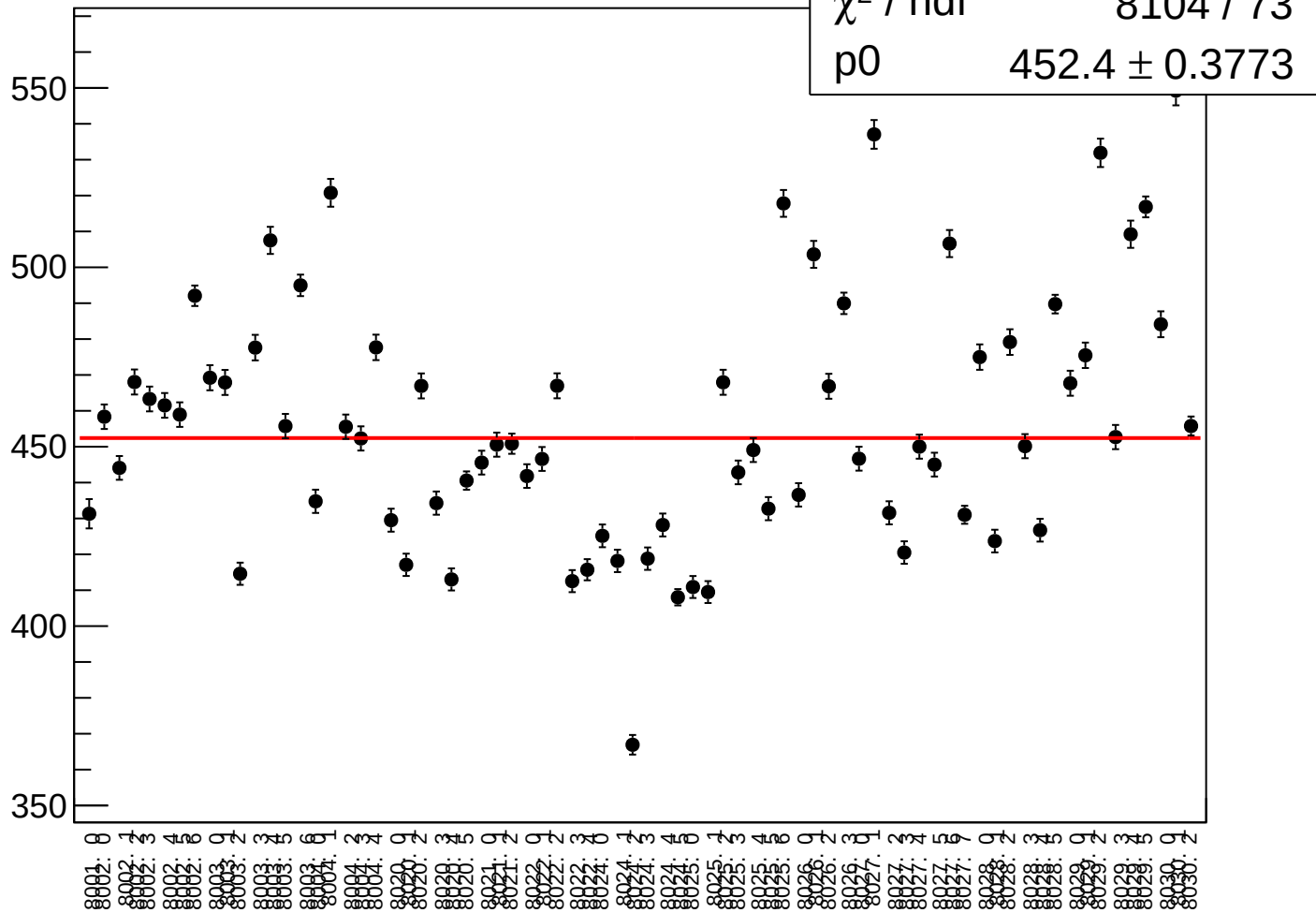
# diff\_bpm0l01Y\_rms vs run



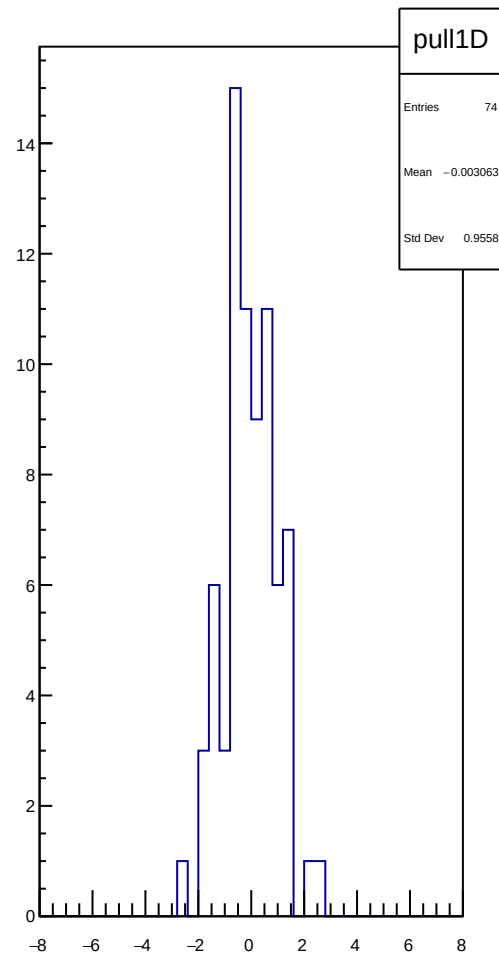
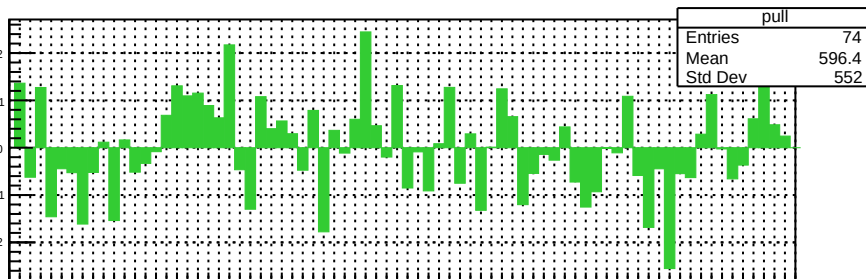
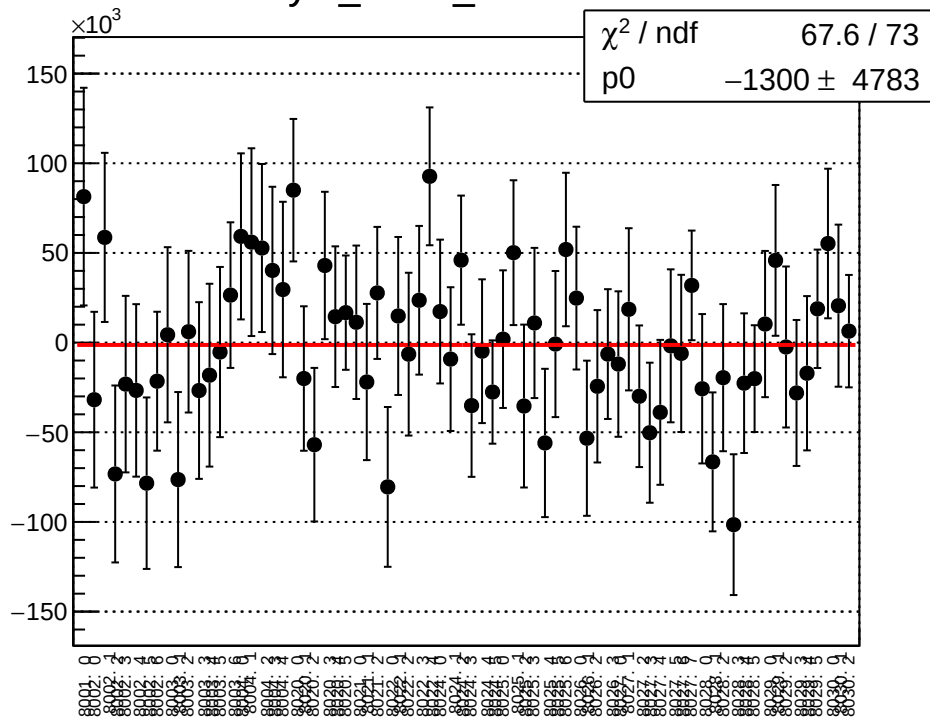
asym\_sam1\_mean vs run



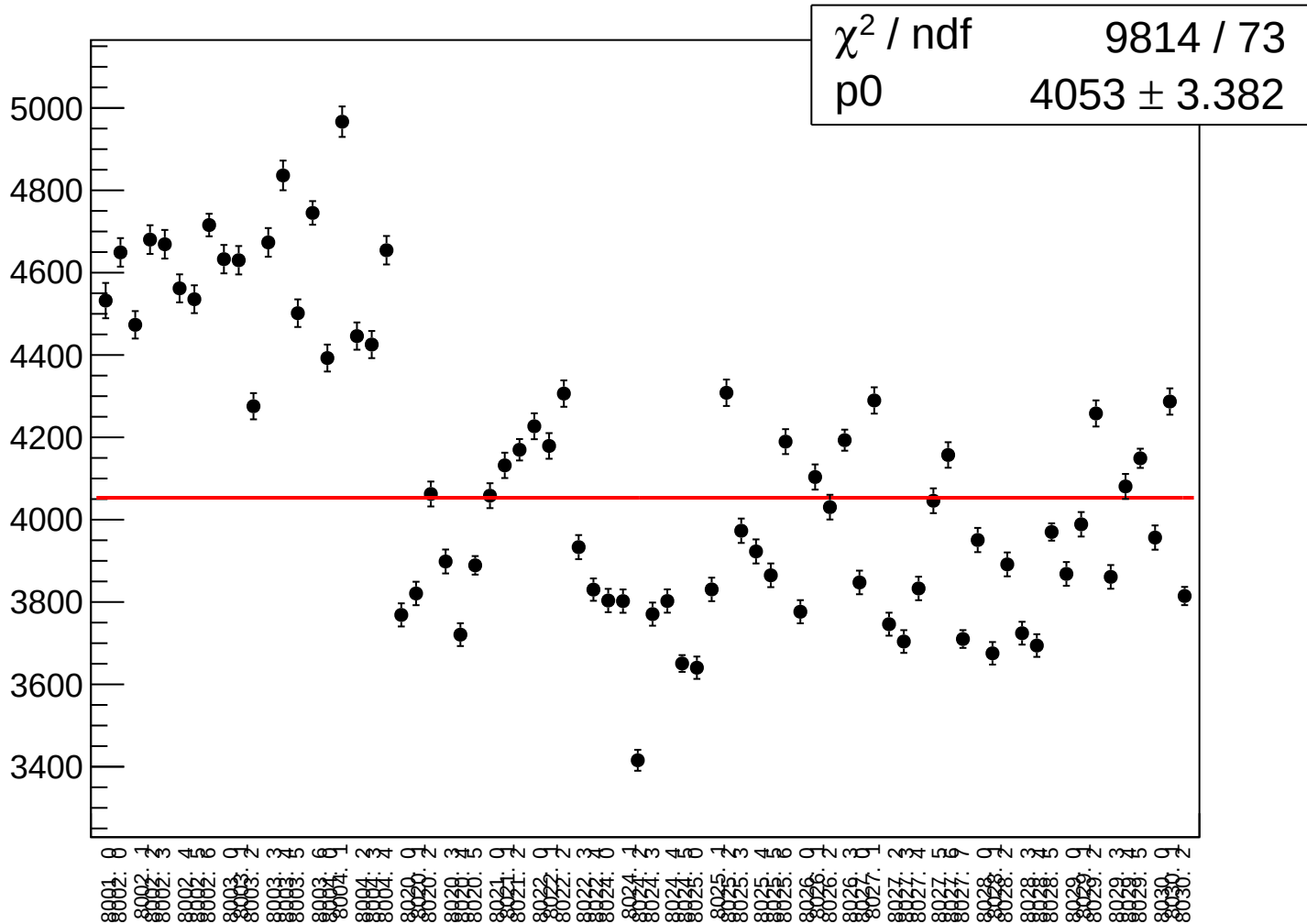
|                       |                    |
|-----------------------|--------------------|
| $\chi^2 / \text{ndf}$ | 8104 / 73          |
| p0                    | $452.4 \pm 0.3773$ |



asym\_sam2\_mean vs run

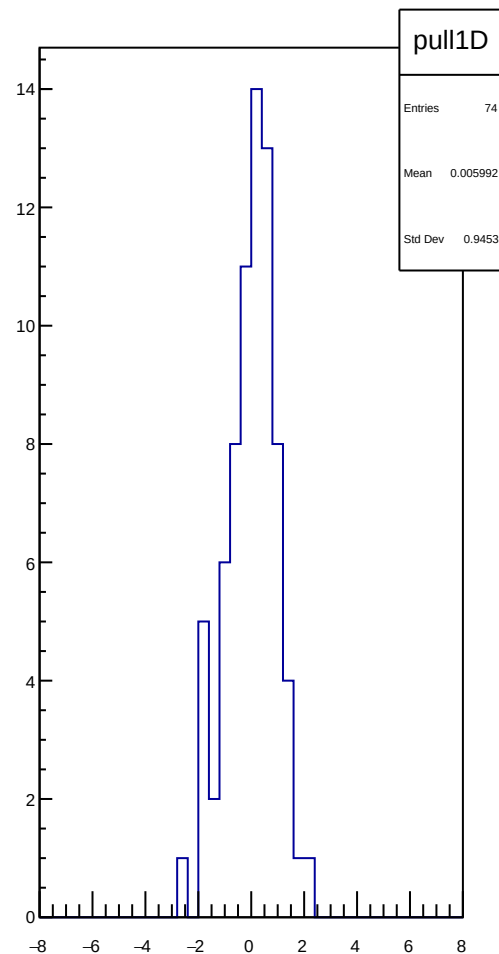
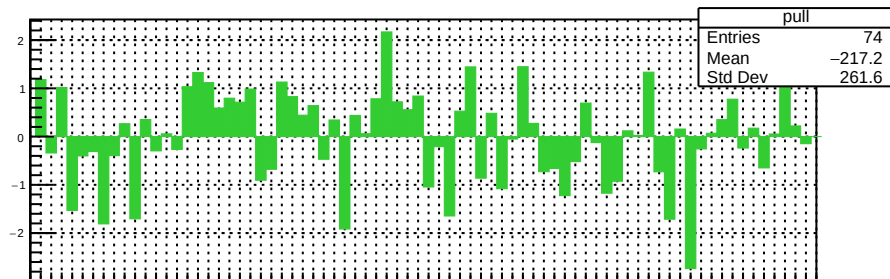
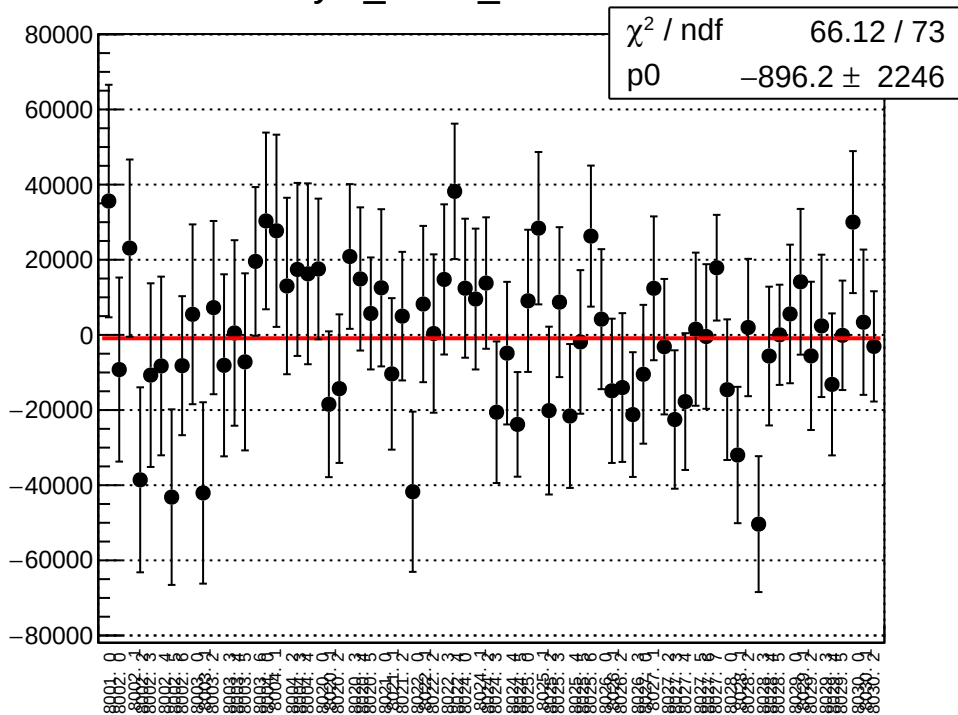


# asym\_sam2\_rms vs run

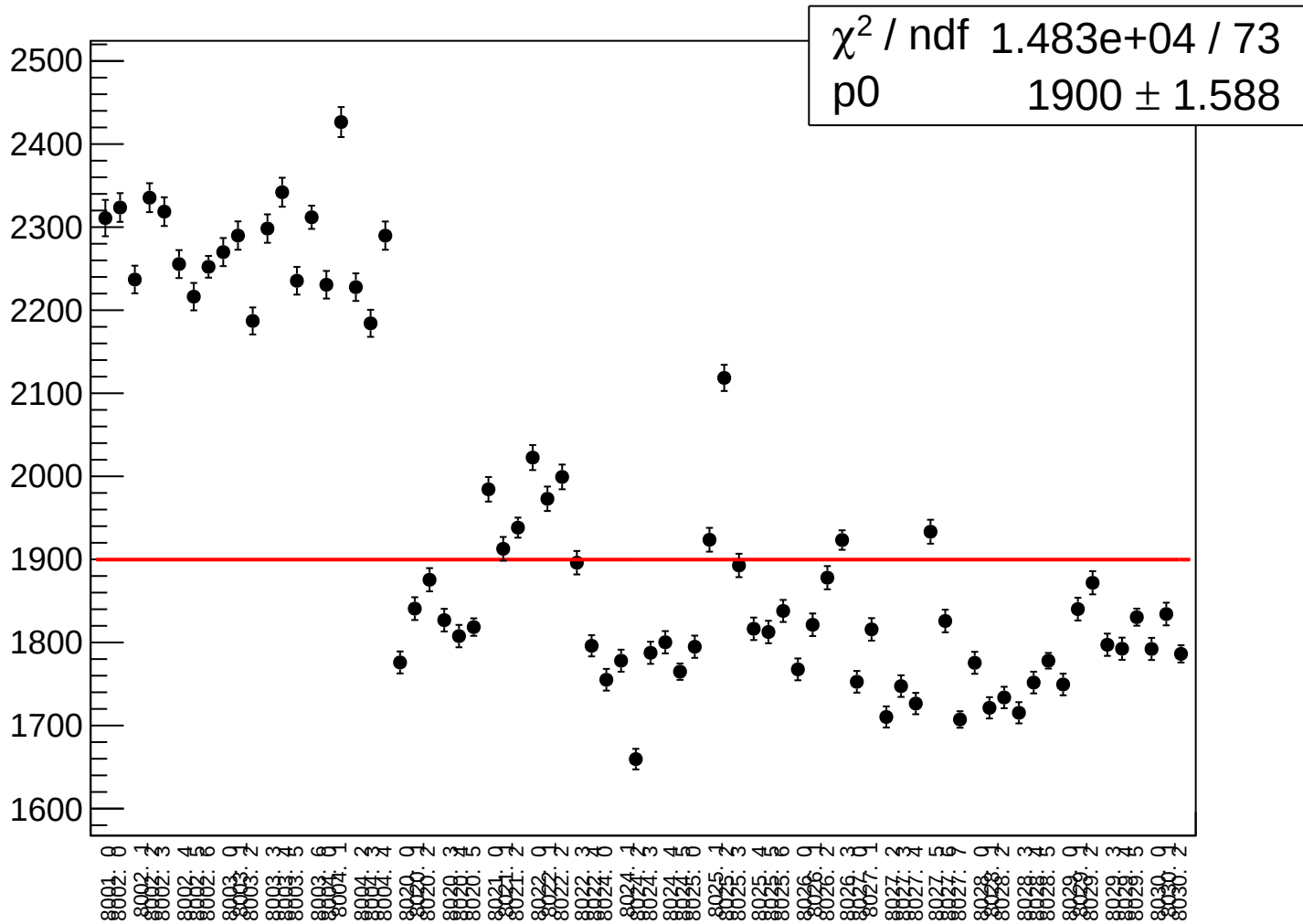




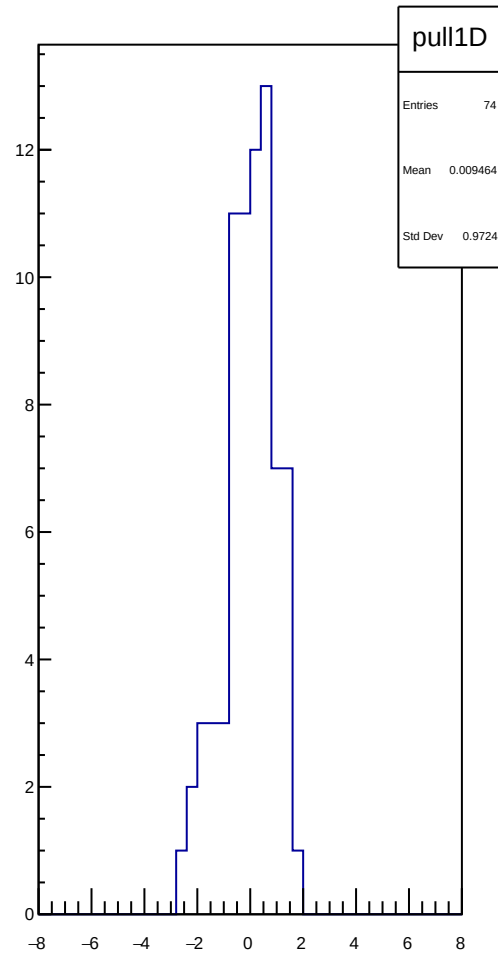
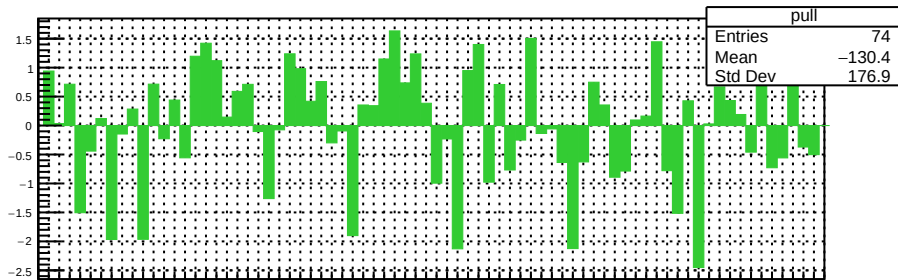
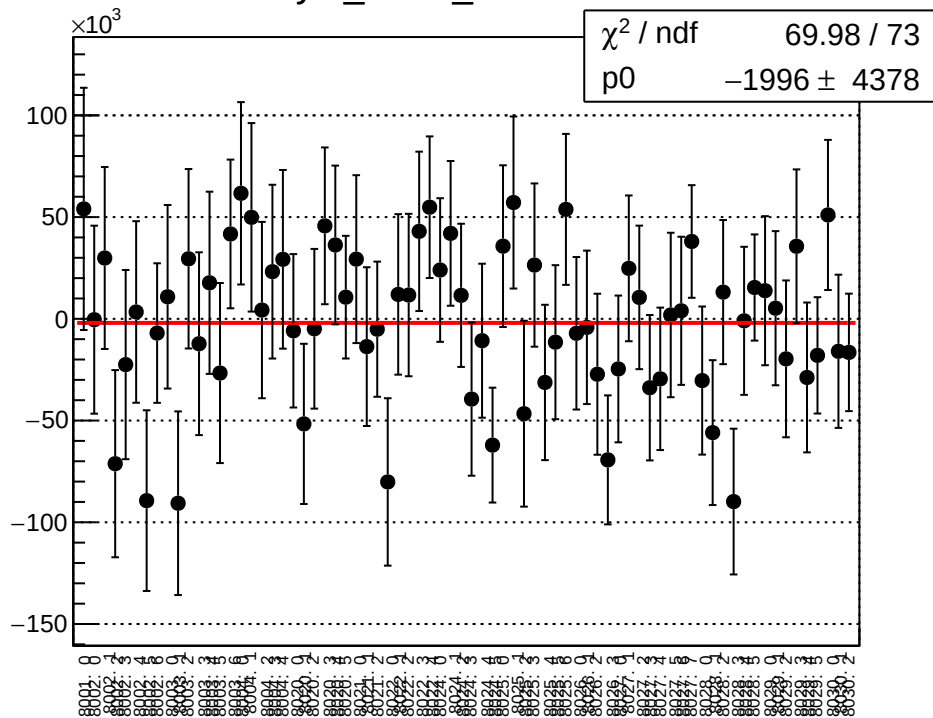
asym\_sam3\_mean vs run



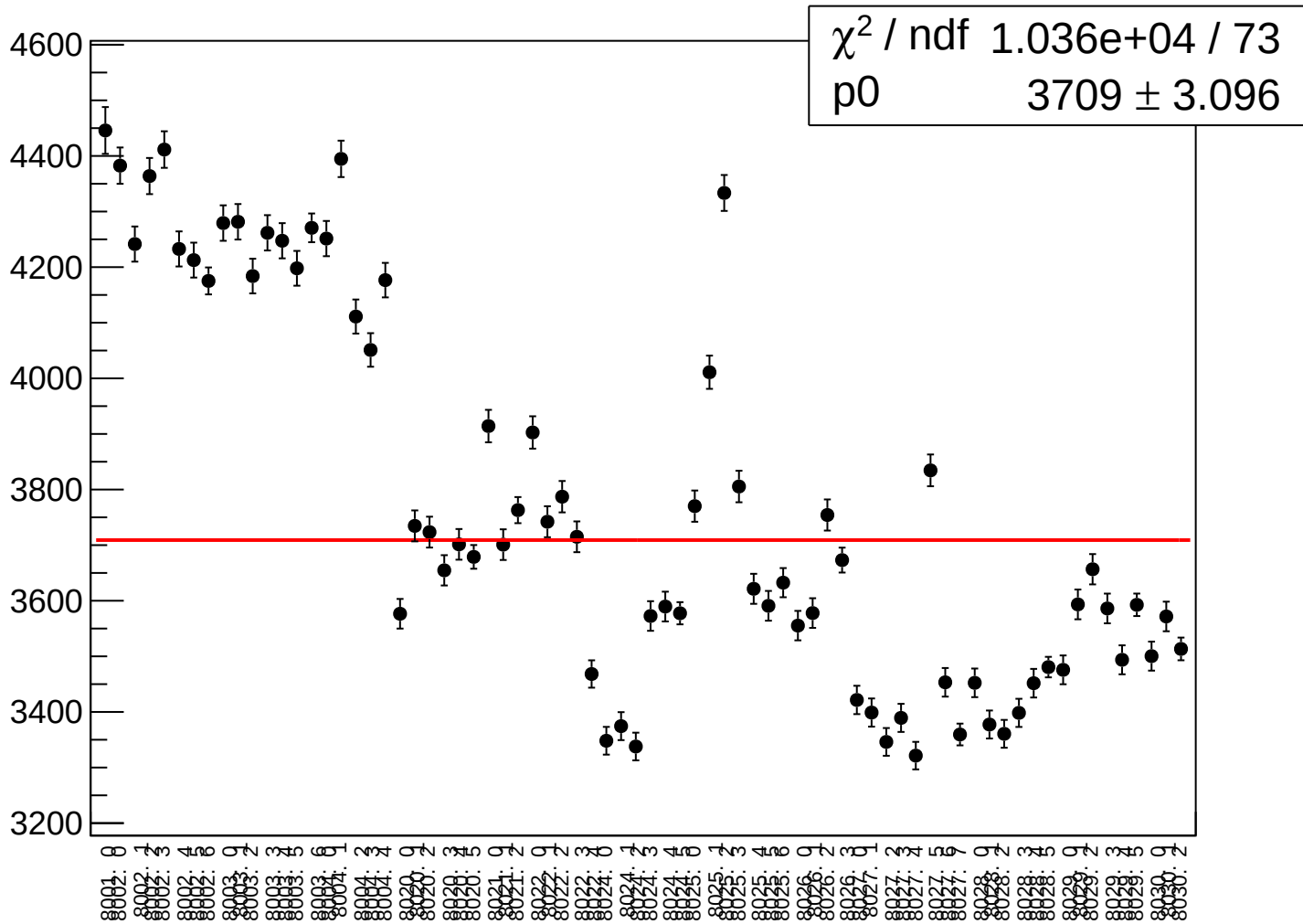
# asym\_sam3\_rms vs run



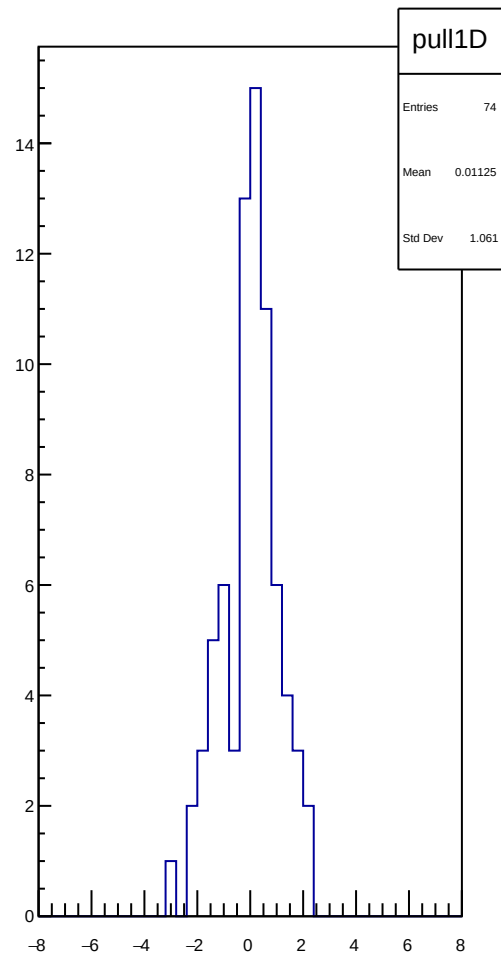
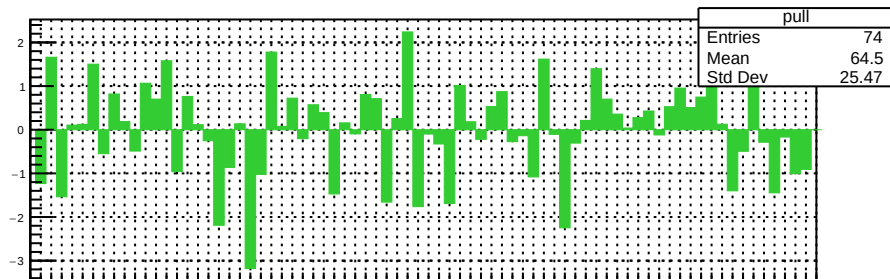
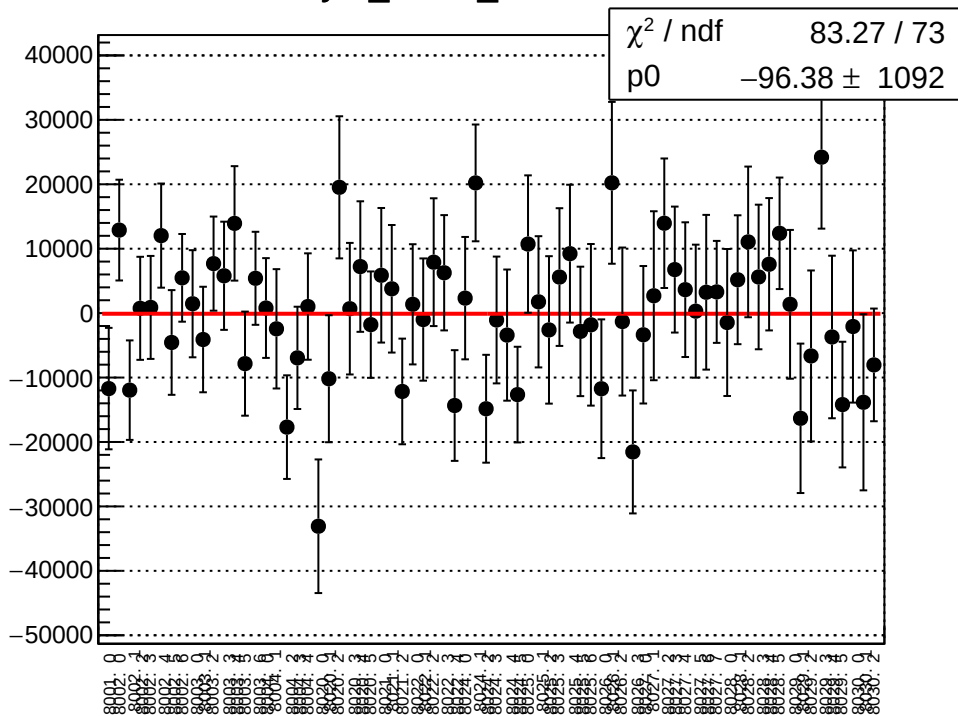
asym\_sam4\_mean vs run



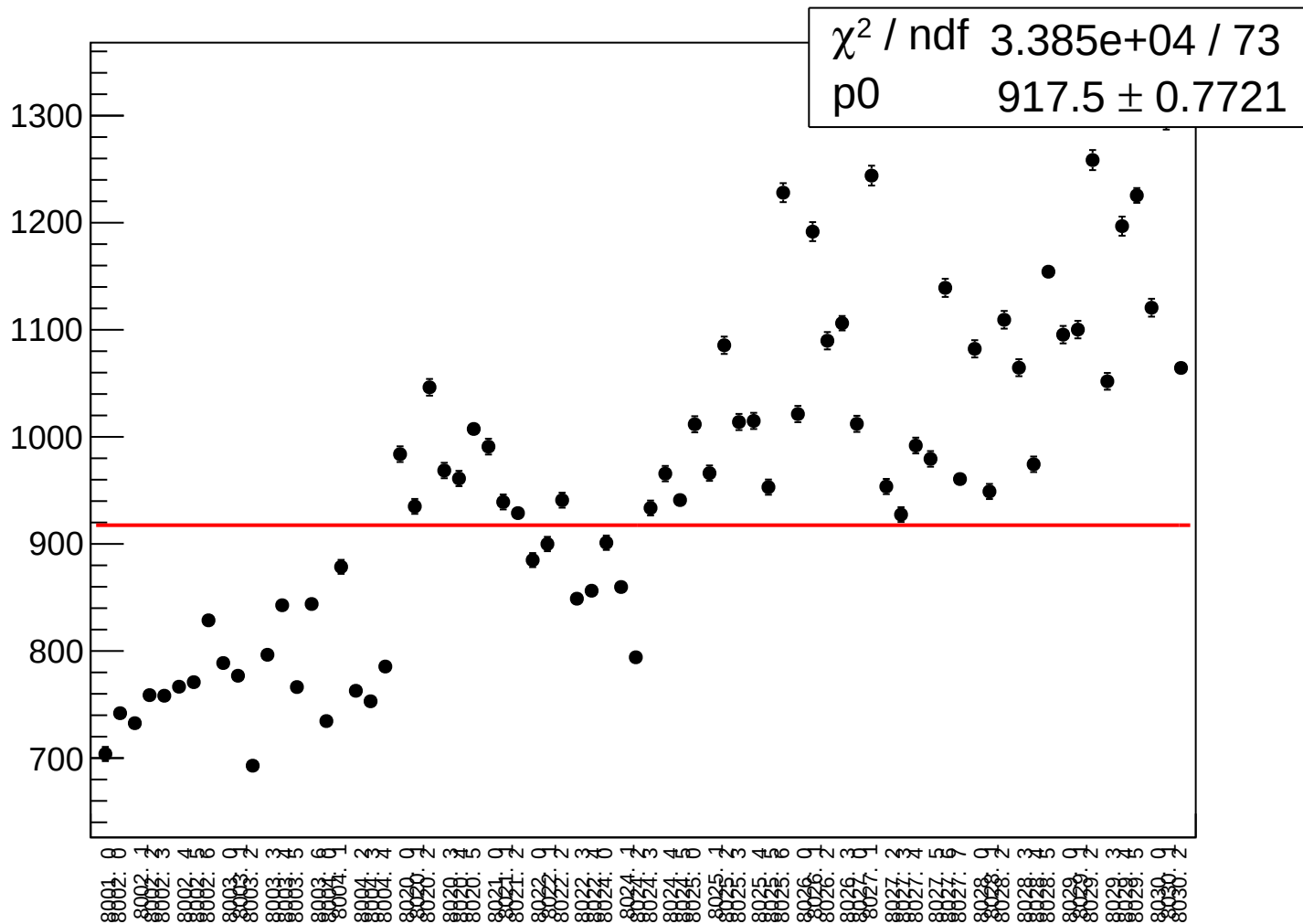
# asym\_sam4\_rms vs run



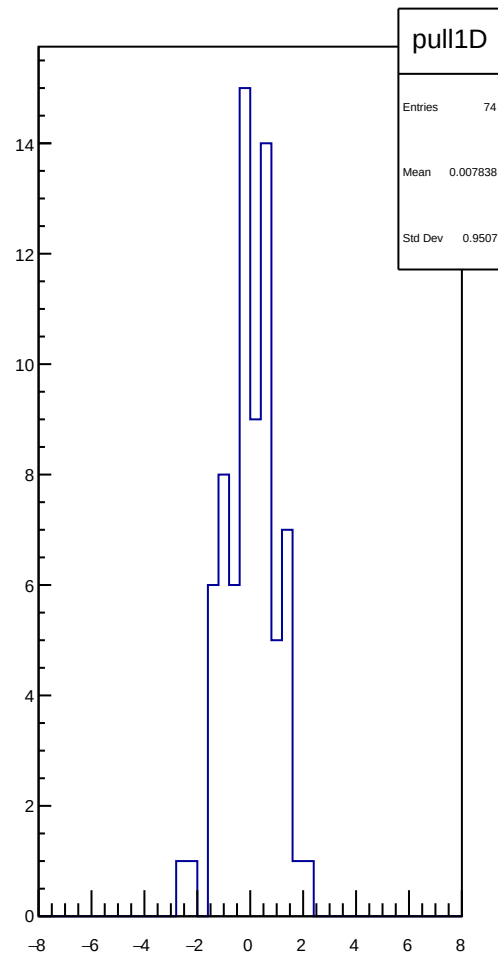
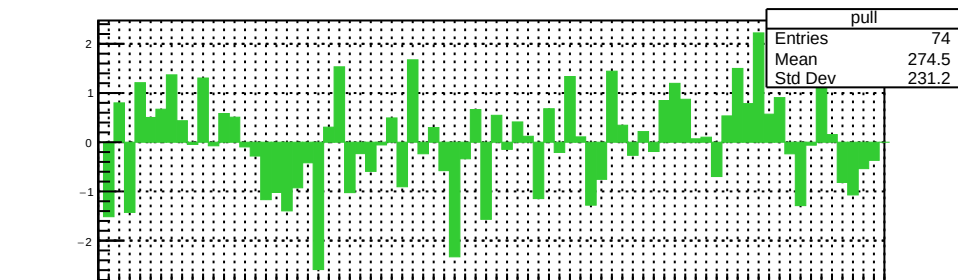
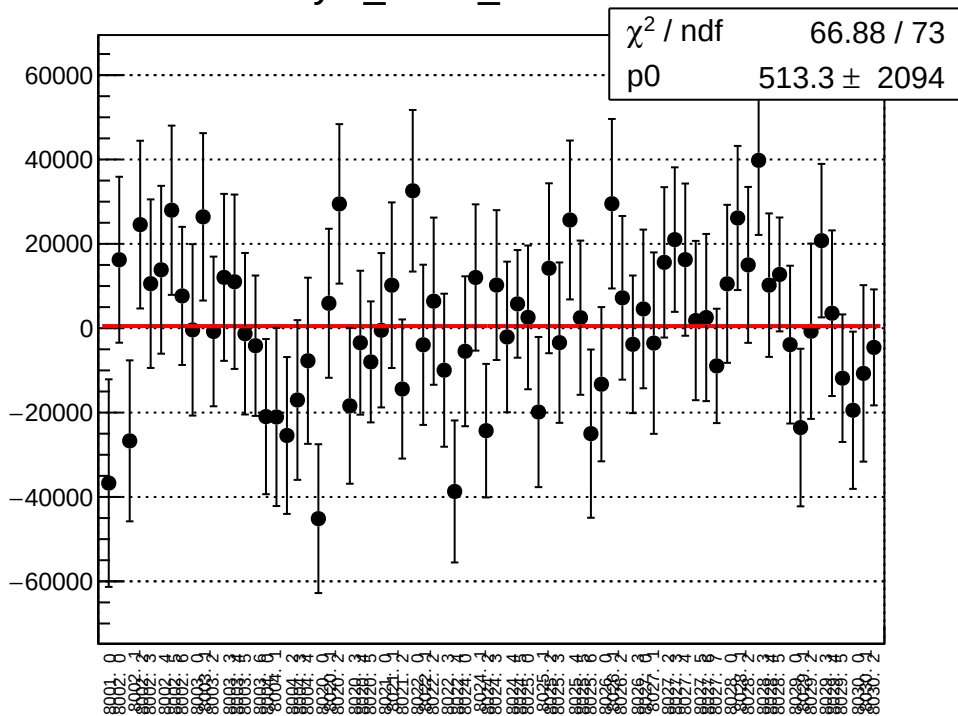
# asym\_sam5\_mean vs run



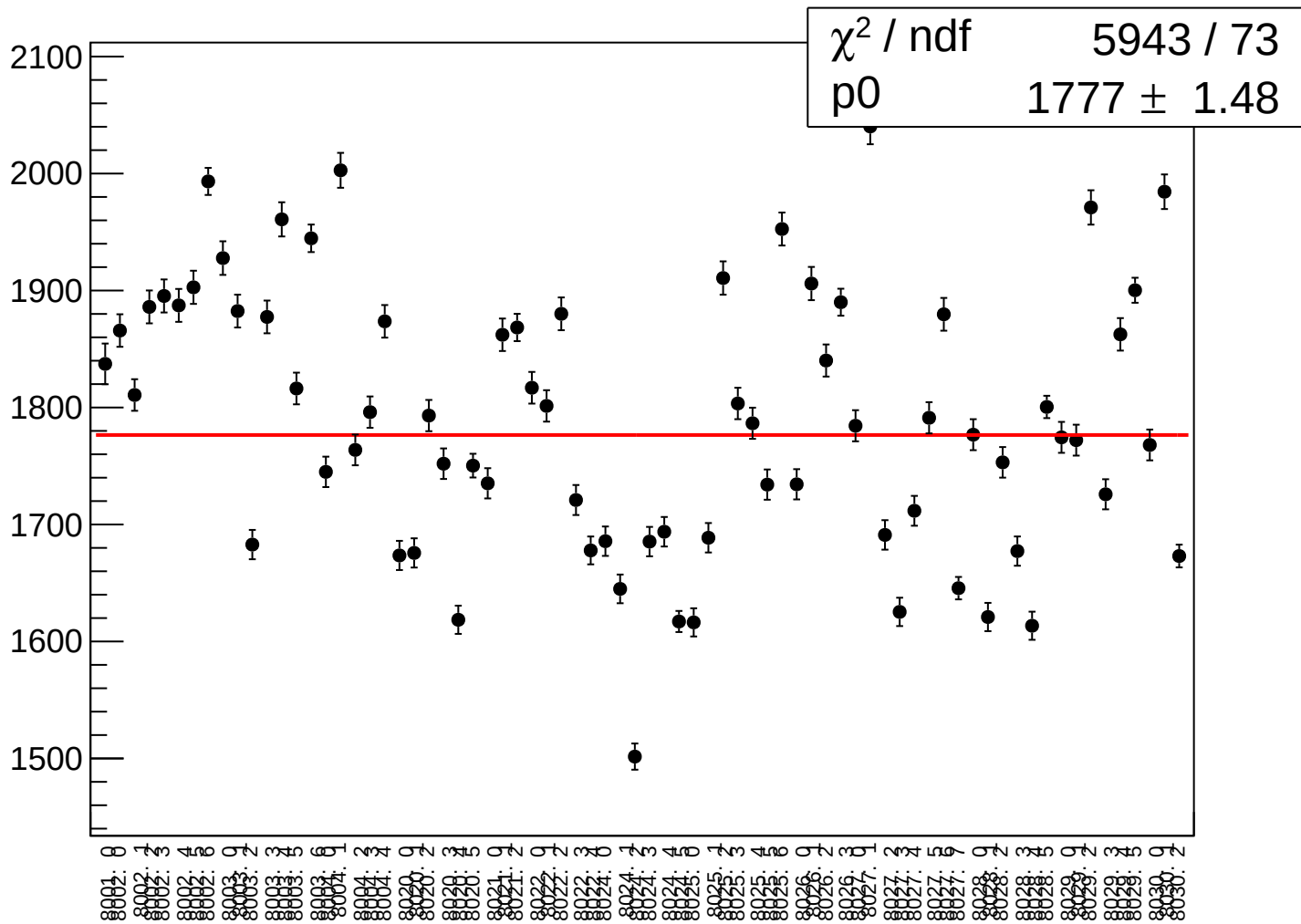
asym\_sam5\_rms vs run



asym\_sam6\_mean vs run

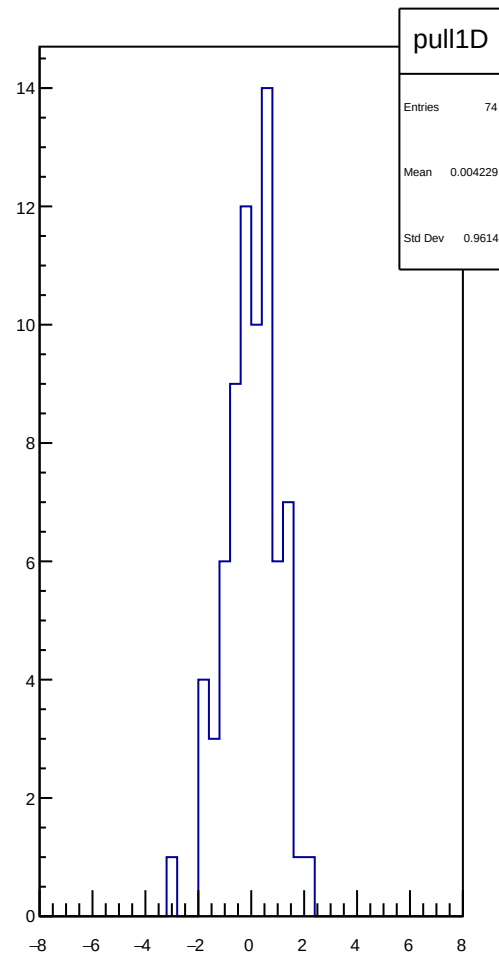
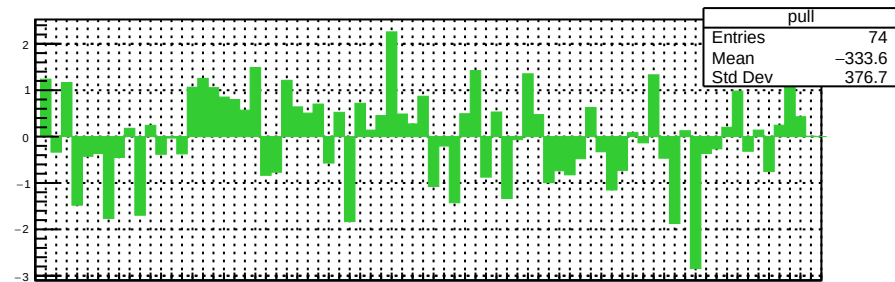
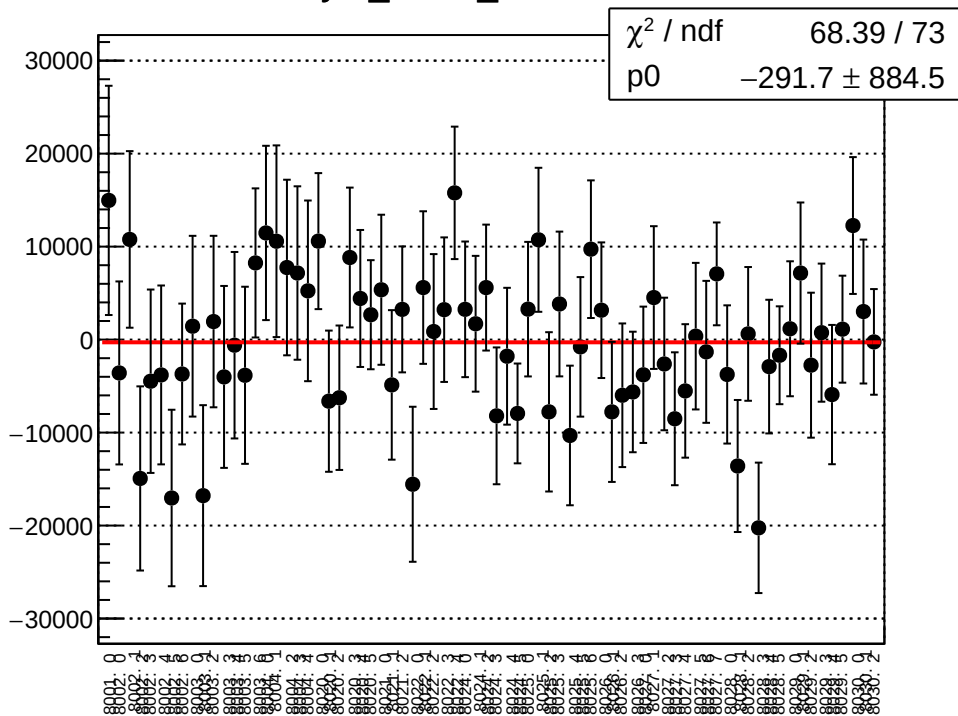


asym\_sam6\_rms vs run

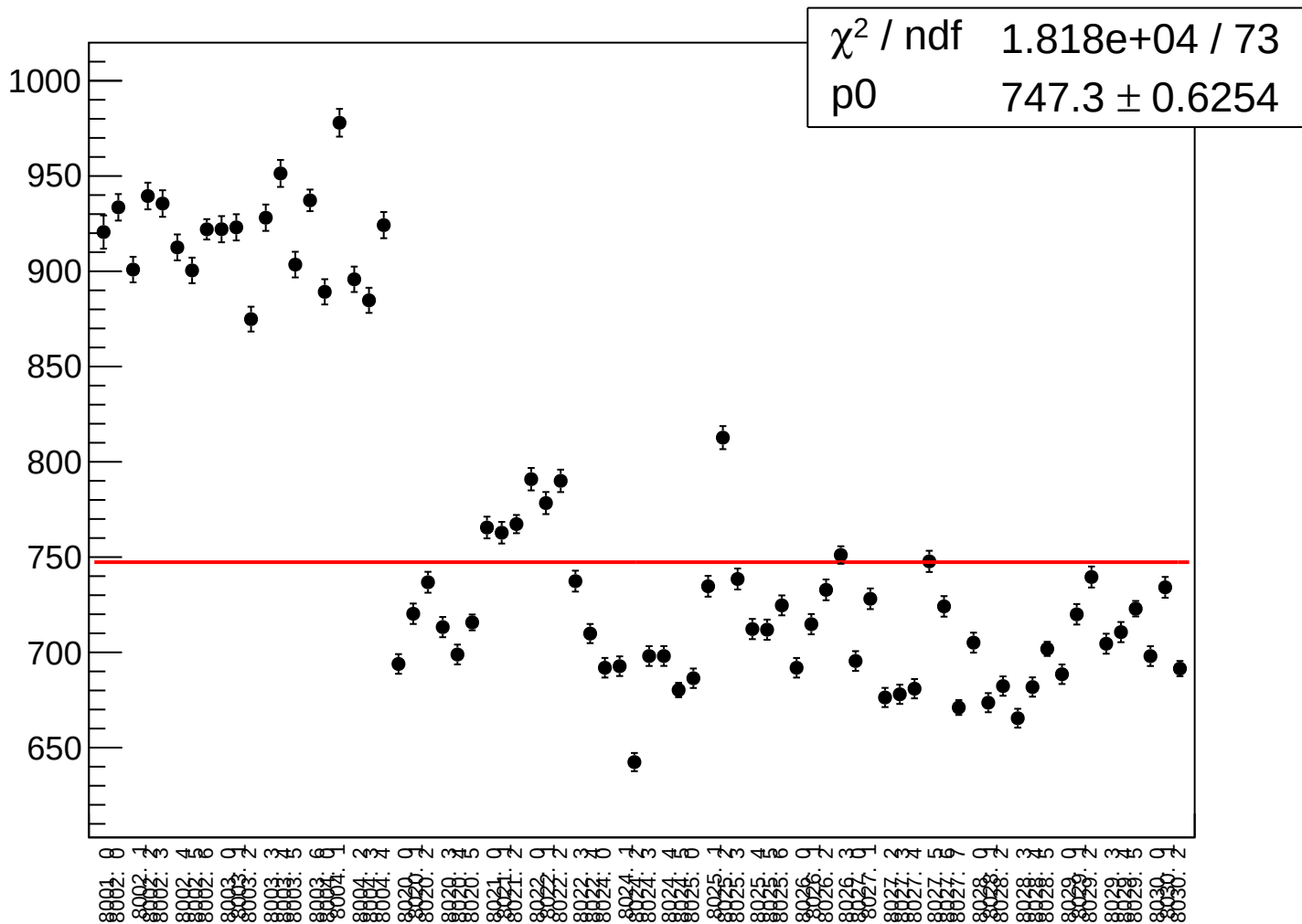




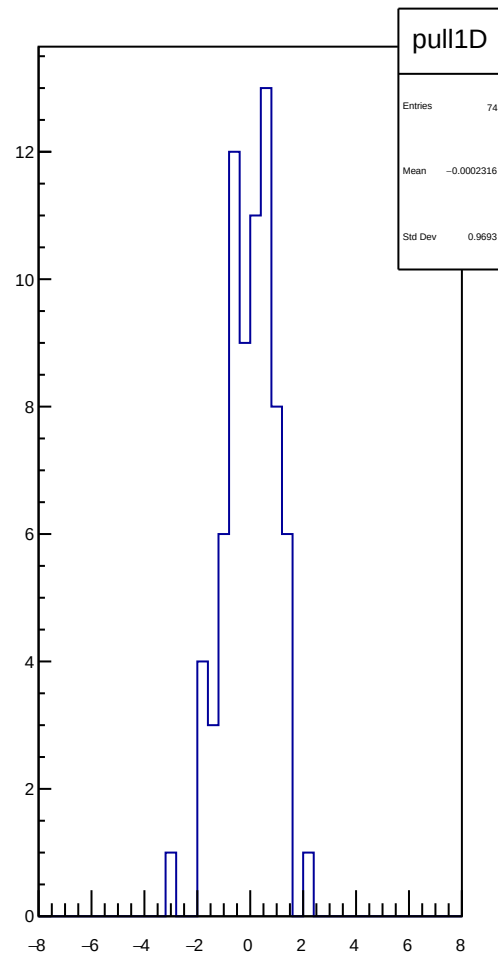
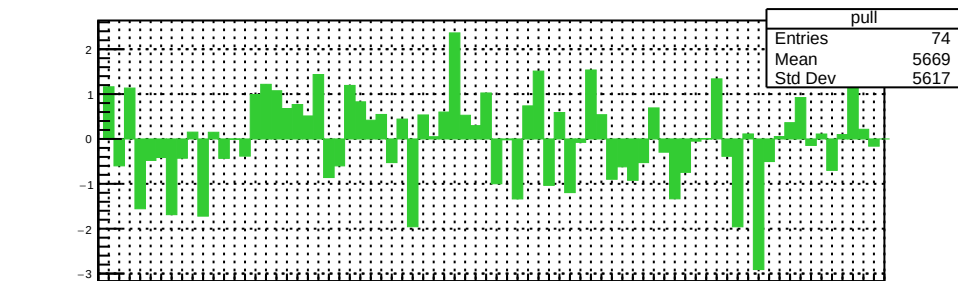
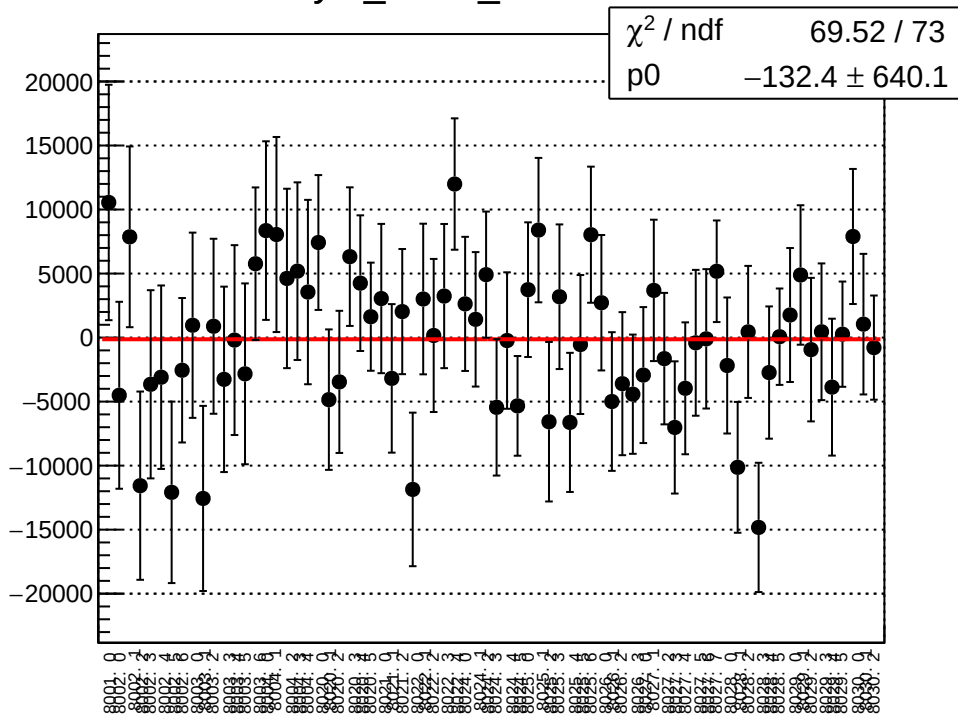
asym\_sam7\_mean vs run



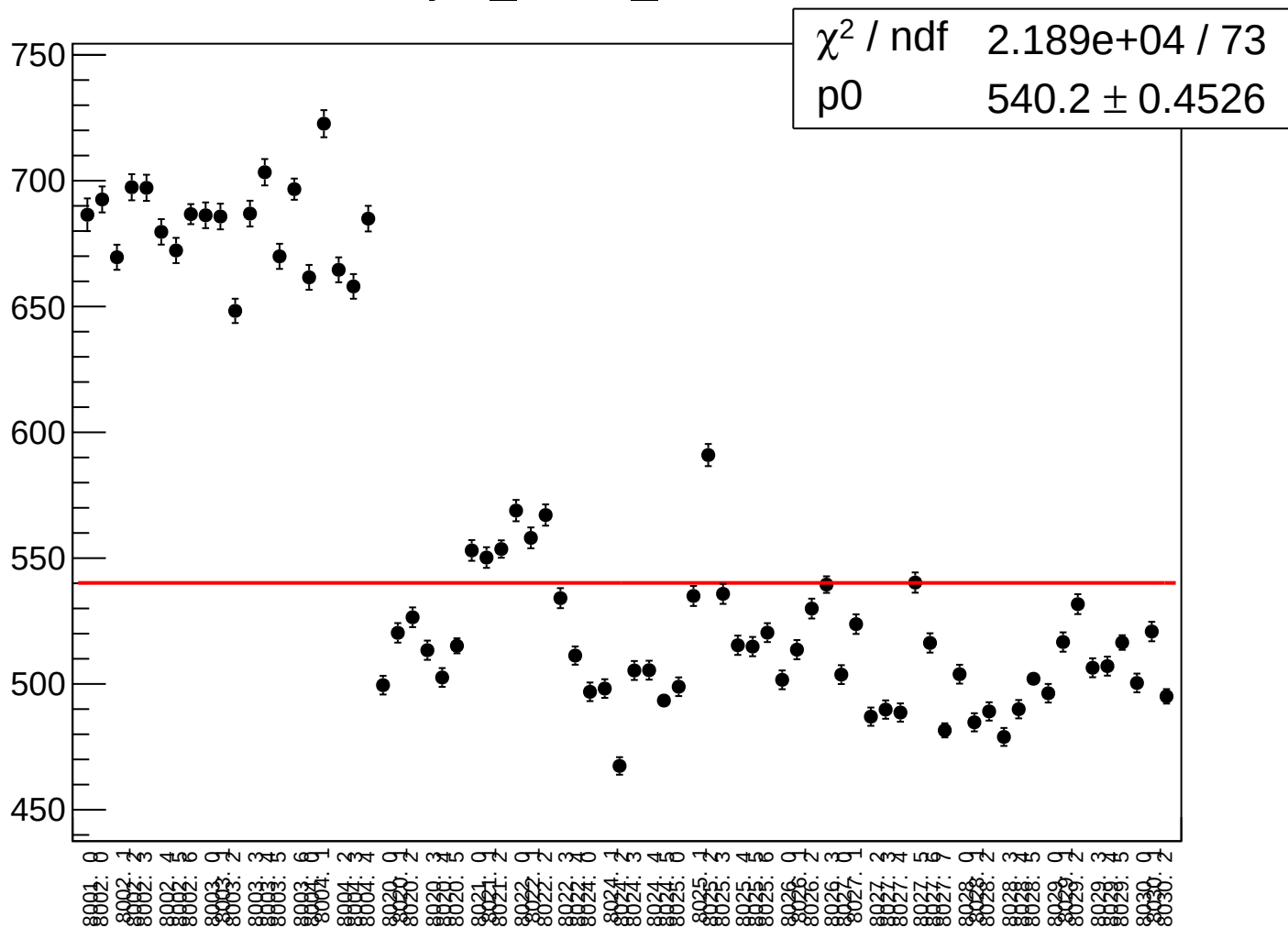
# asym\_sam7\_rms vs run



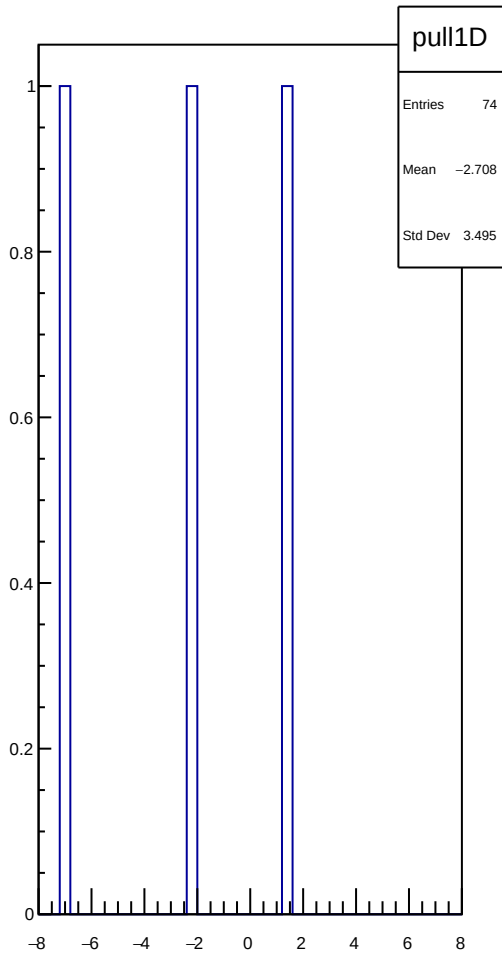
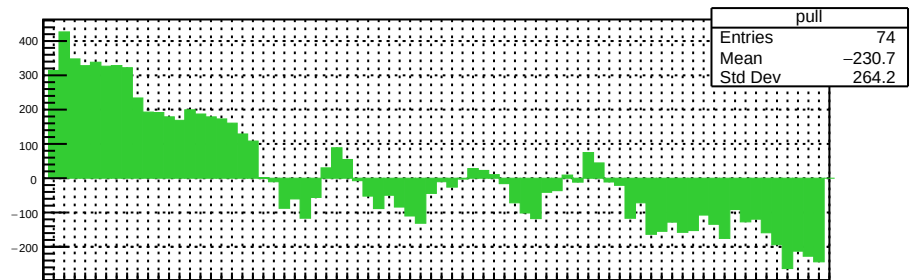
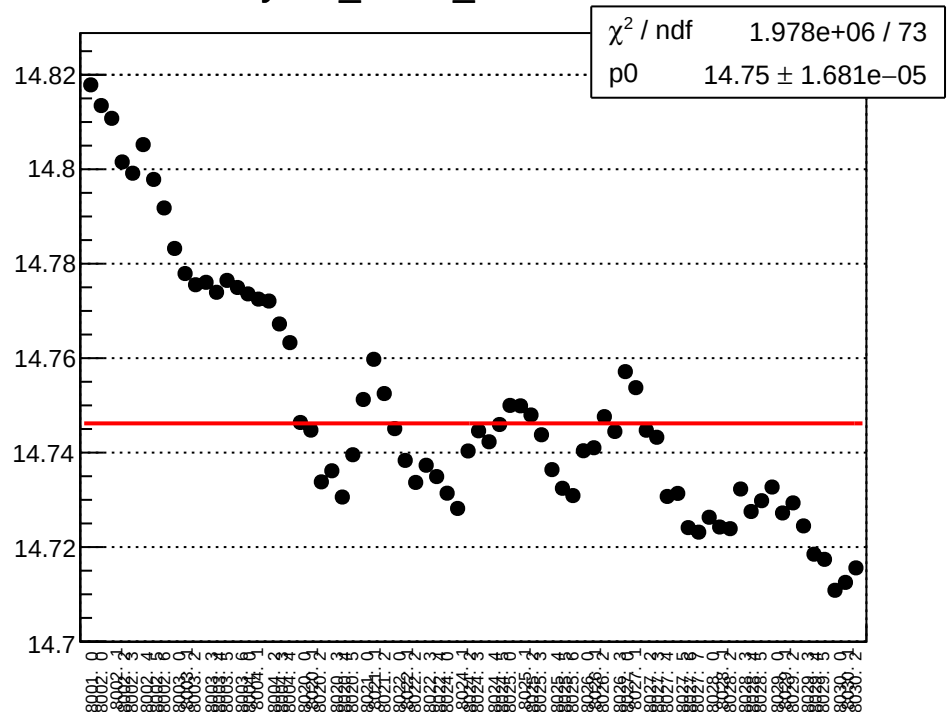
asym\_sam8\_mean vs run



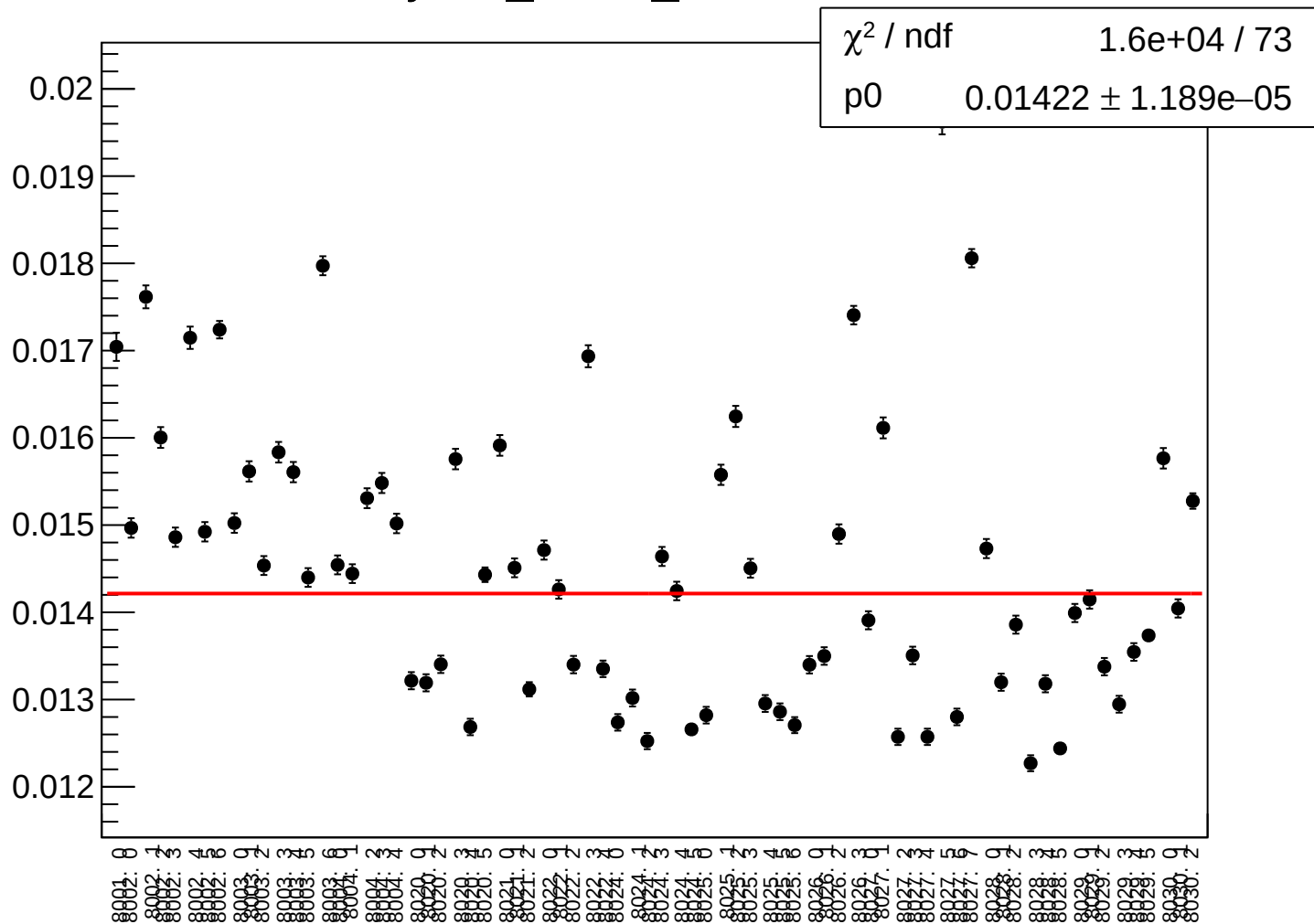
asym\_sam8\_rms vs run



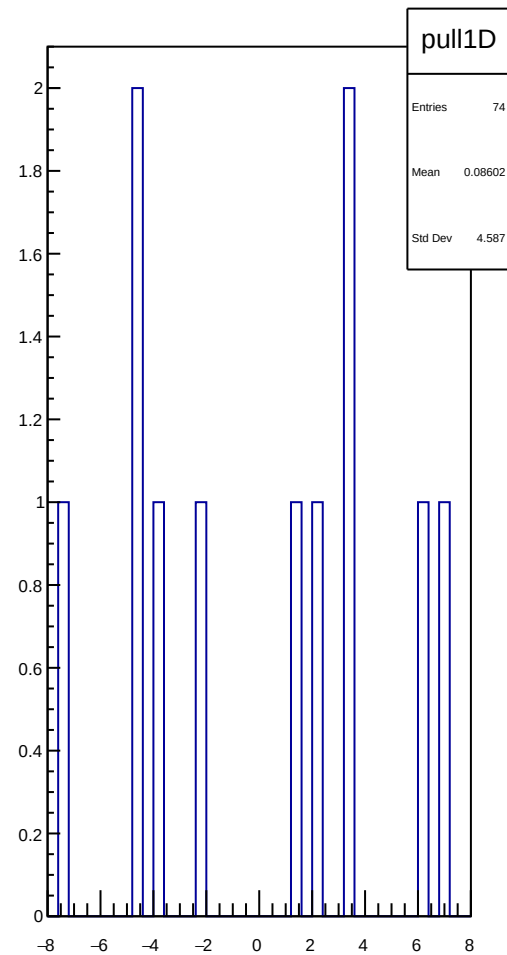
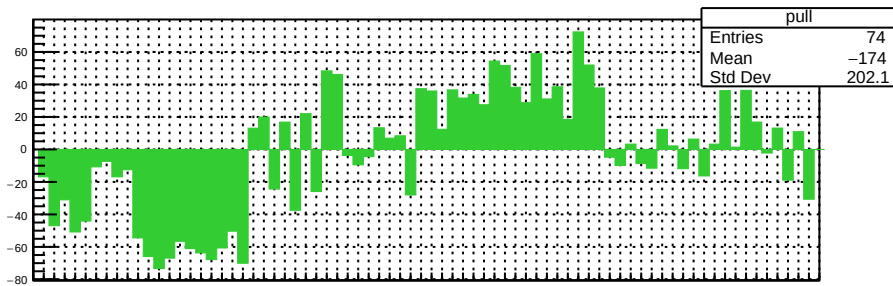
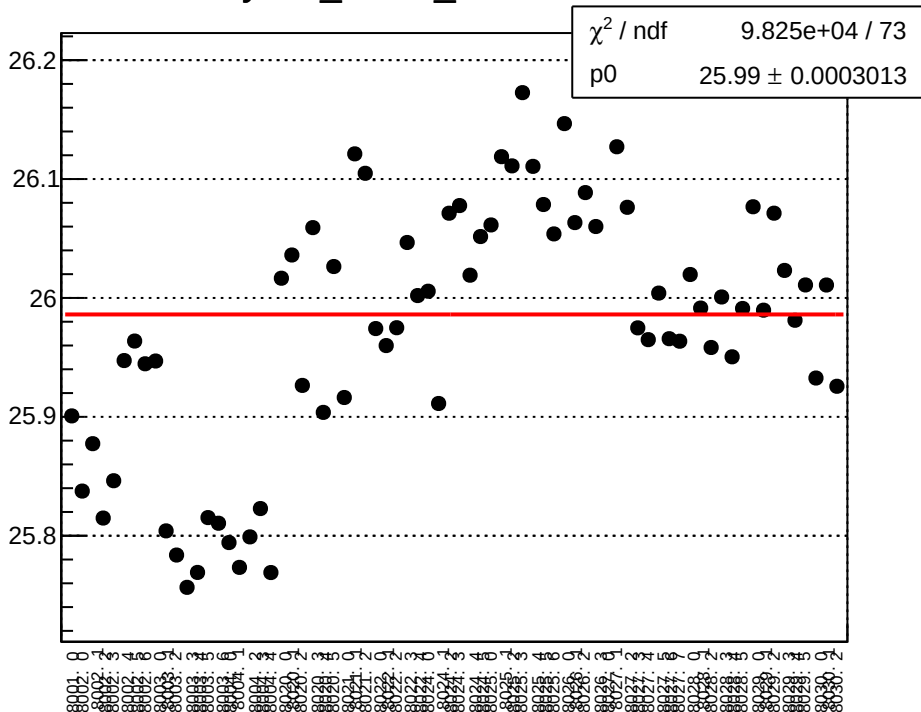
yield\_sam1\_mean vs run



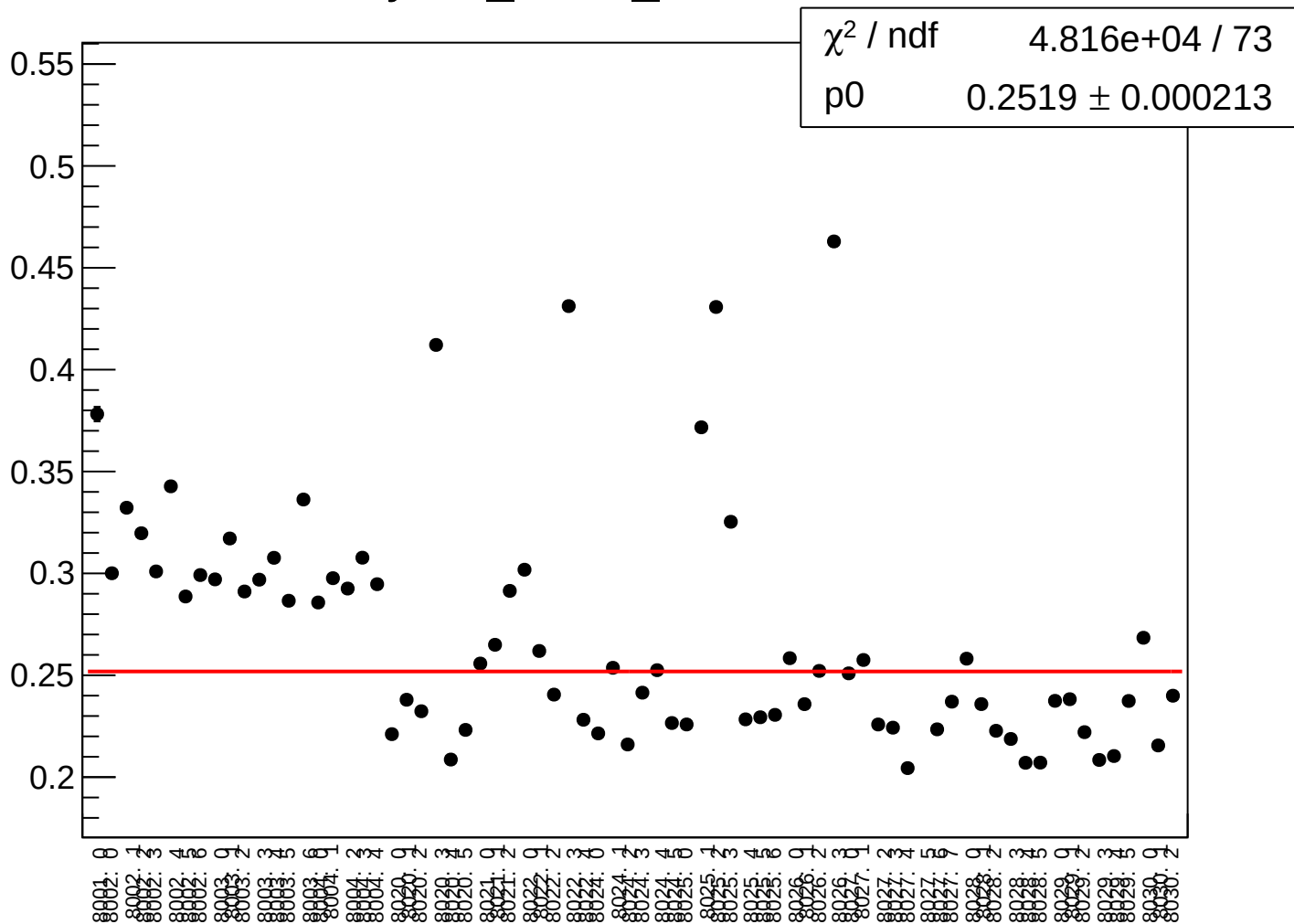
# yield\_sam1\_rms vs run



yield\_sam2\_mean vs run

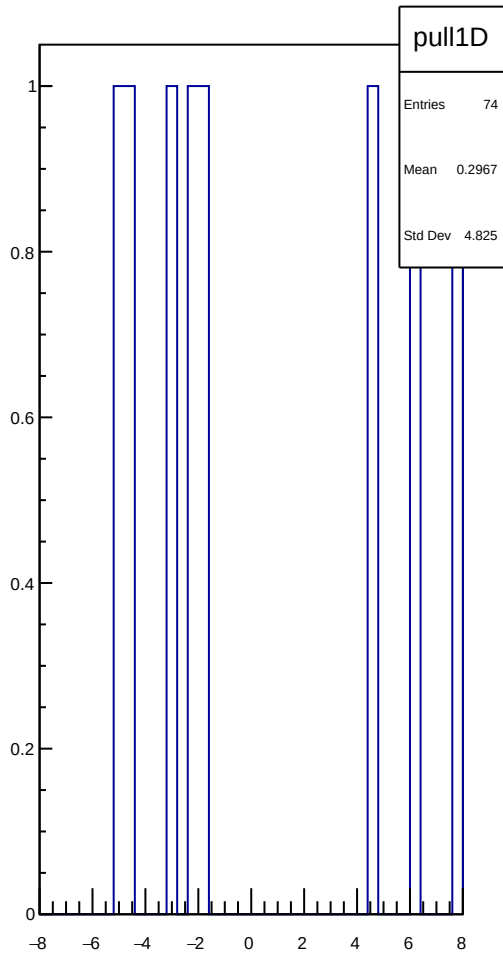
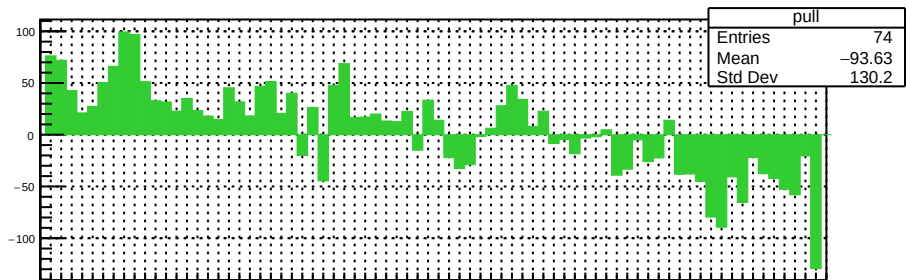
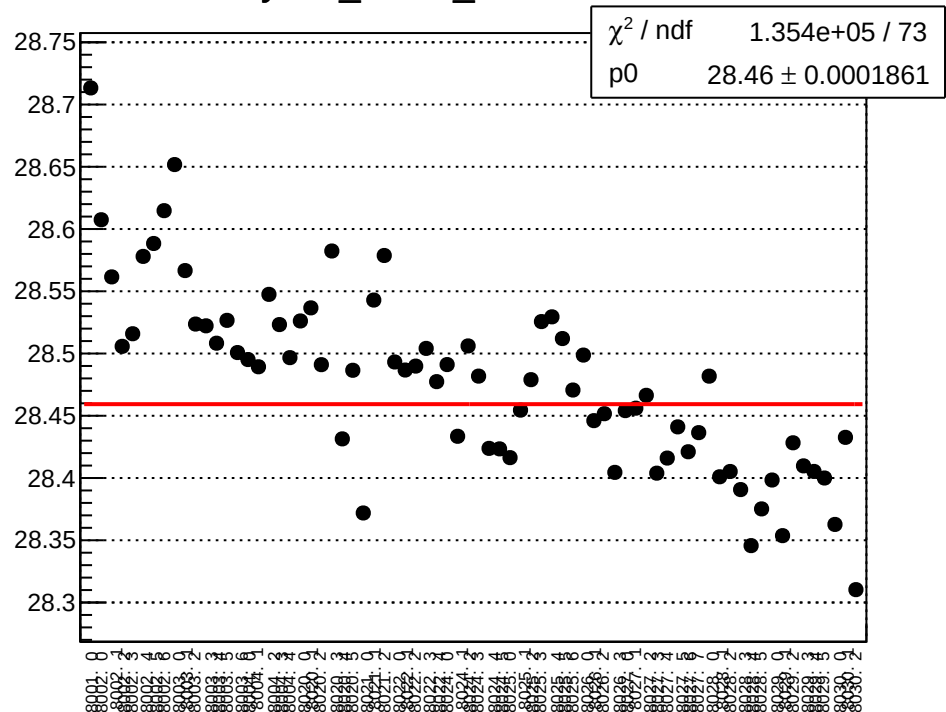


# yield\_sam2\_rms vs run

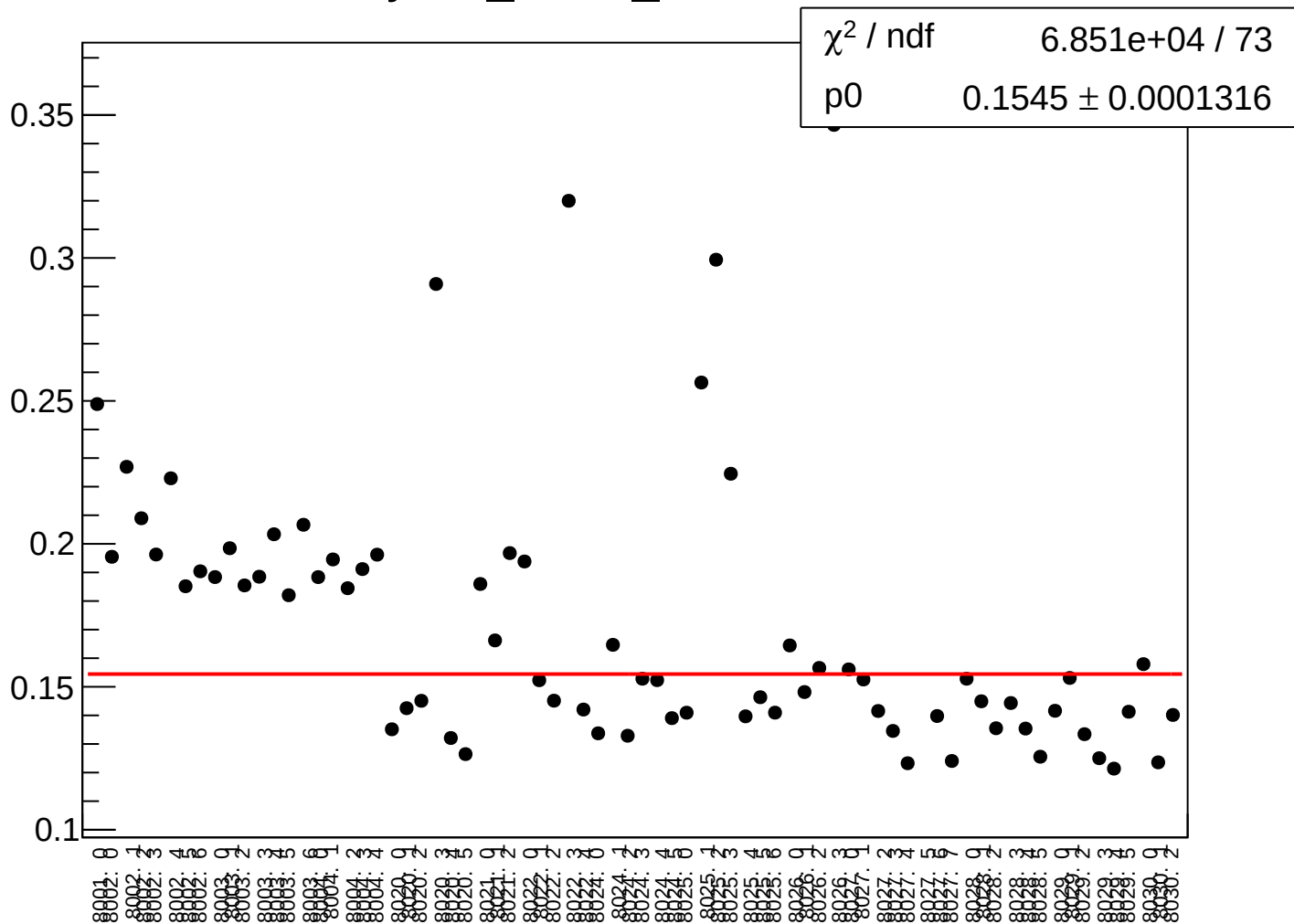




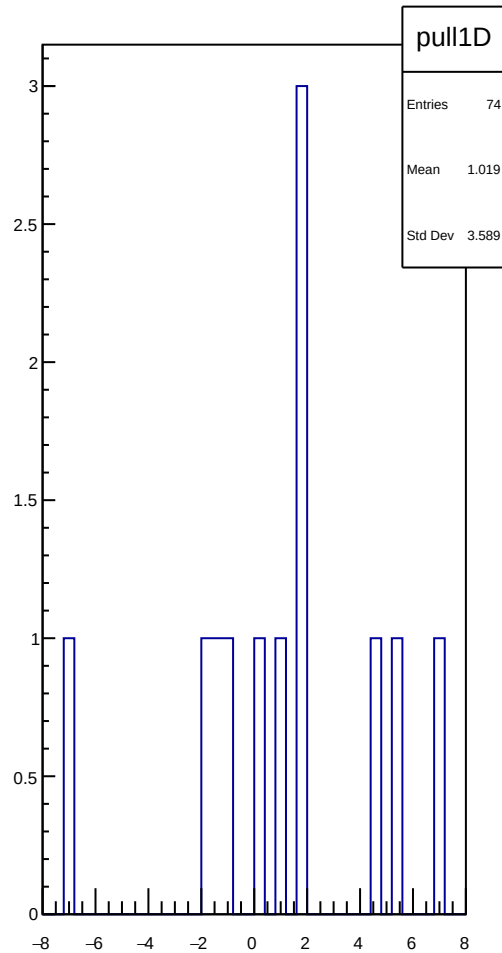
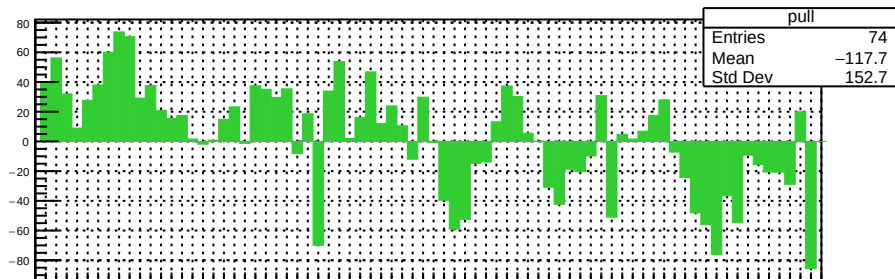
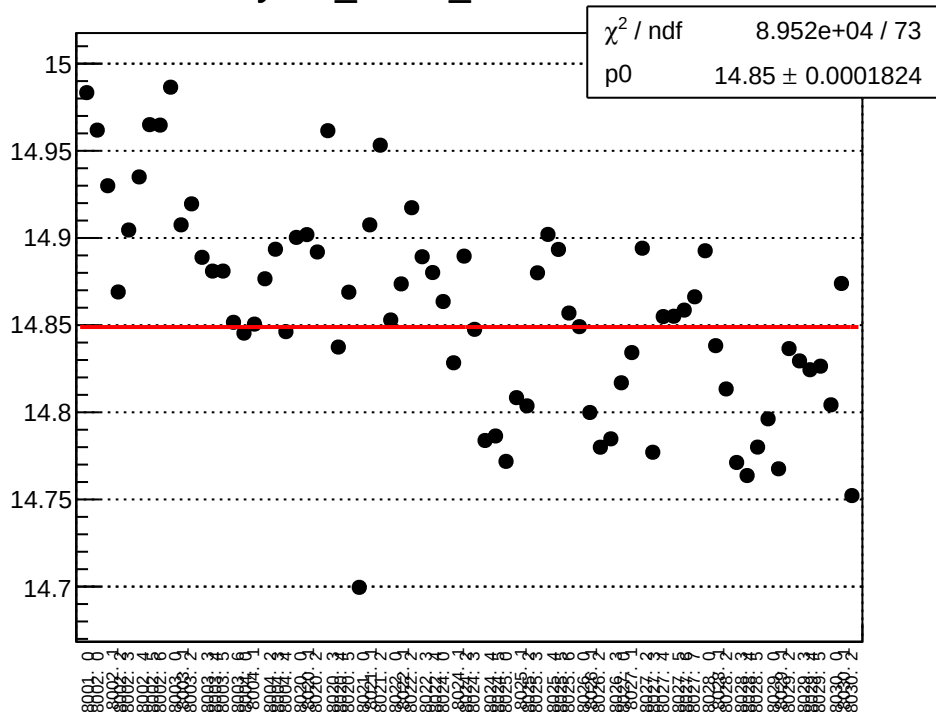
yield\_sam3\_mean vs run



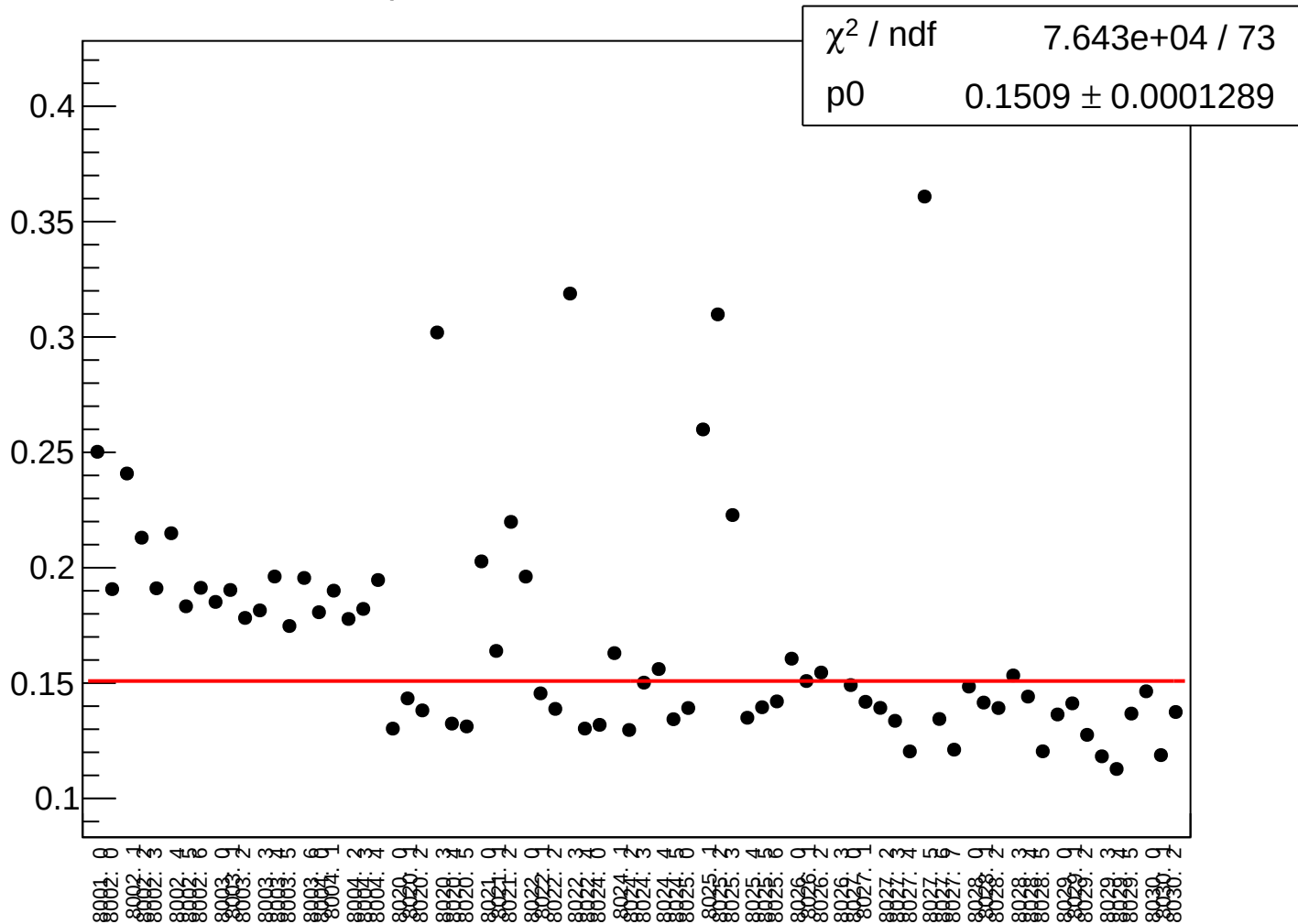
# yield\_sam3\_rms vs run



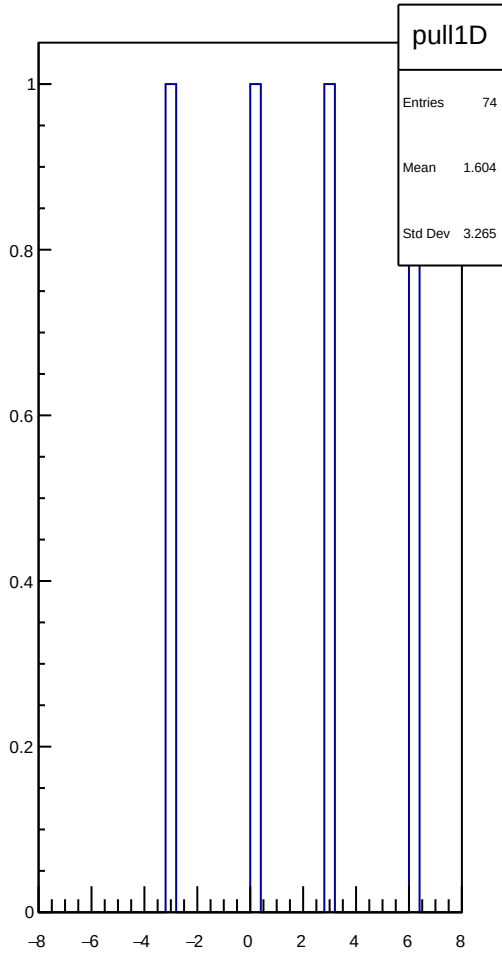
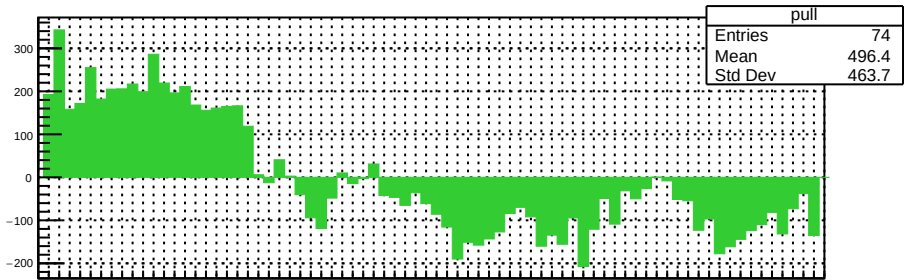
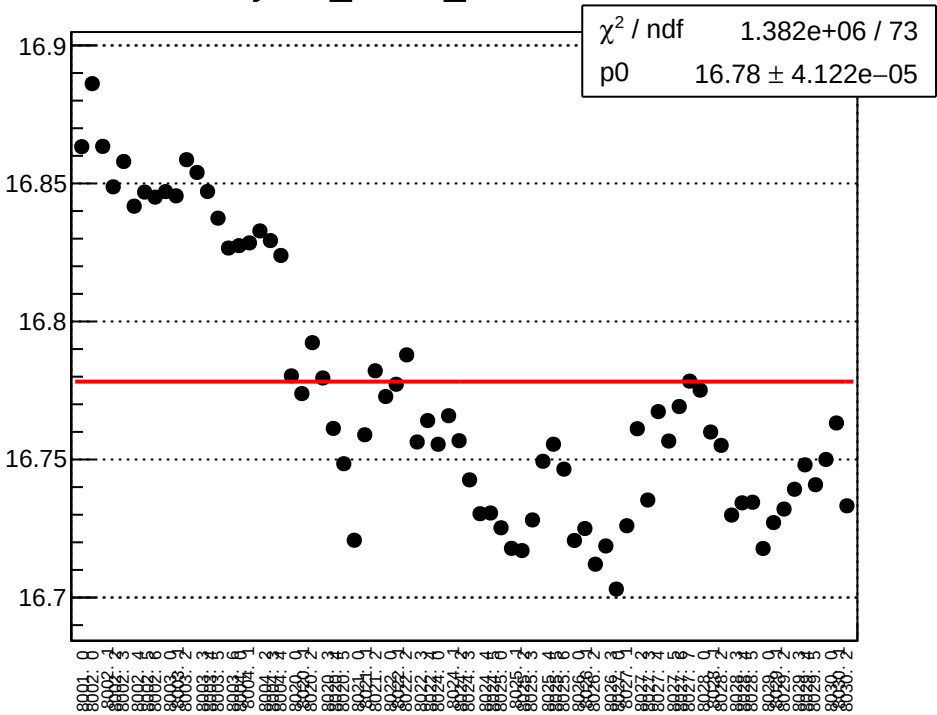
yield\_sam4\_mean vs run



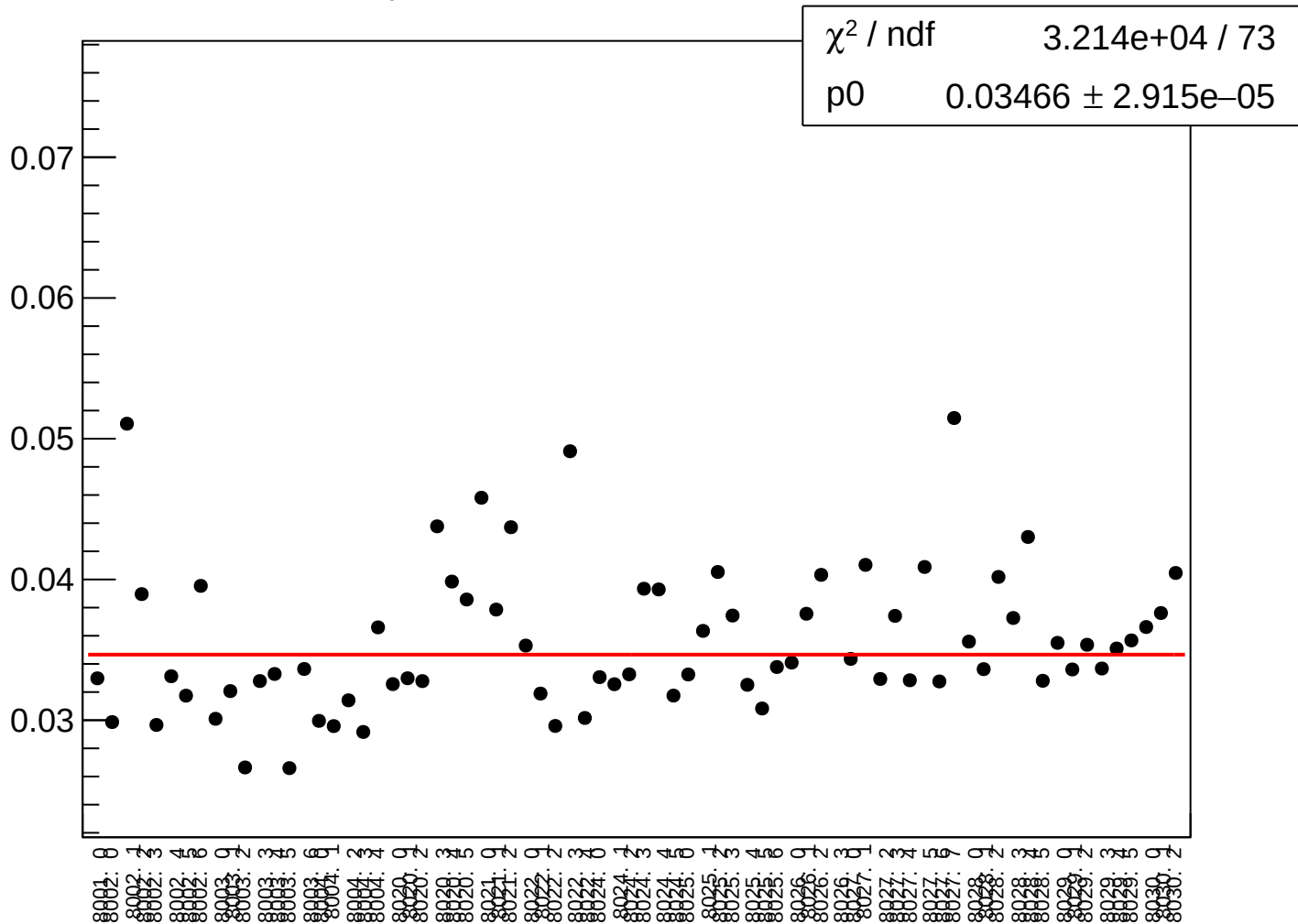
# yield\_sam4\_rms vs run



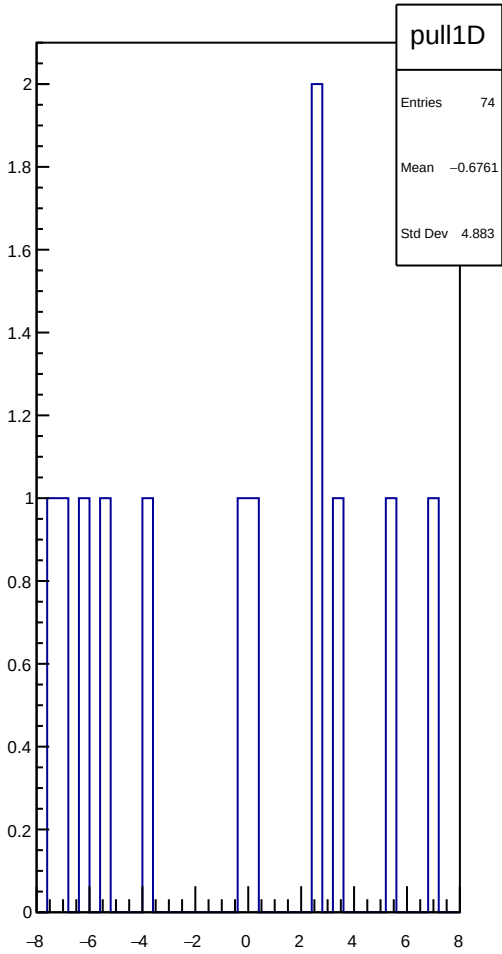
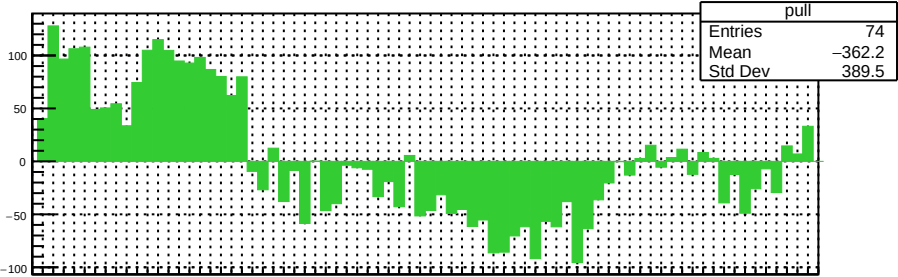
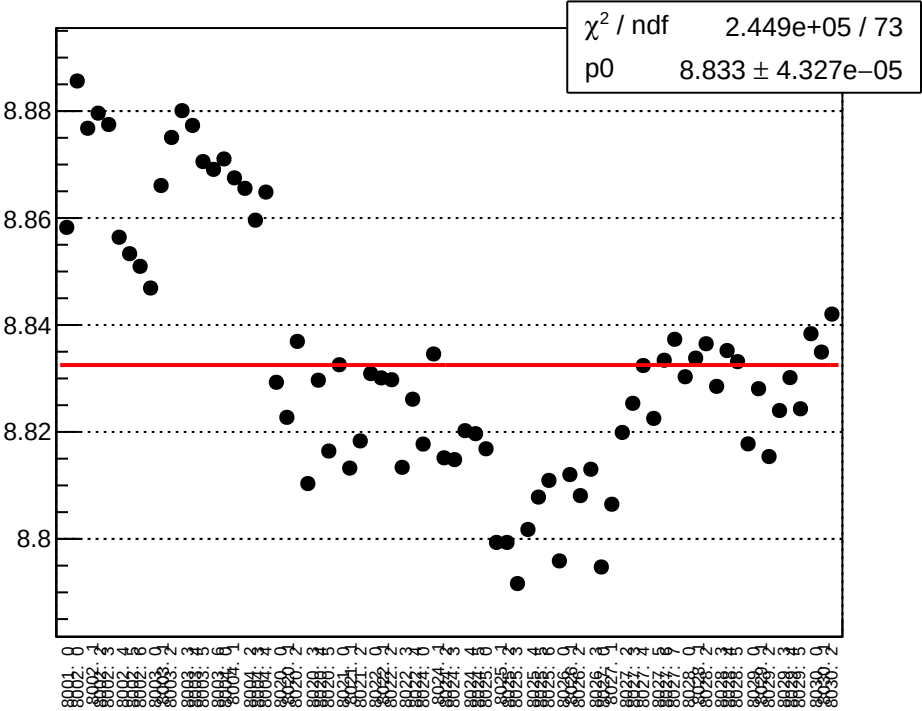
yield\_sam5\_mean vs run



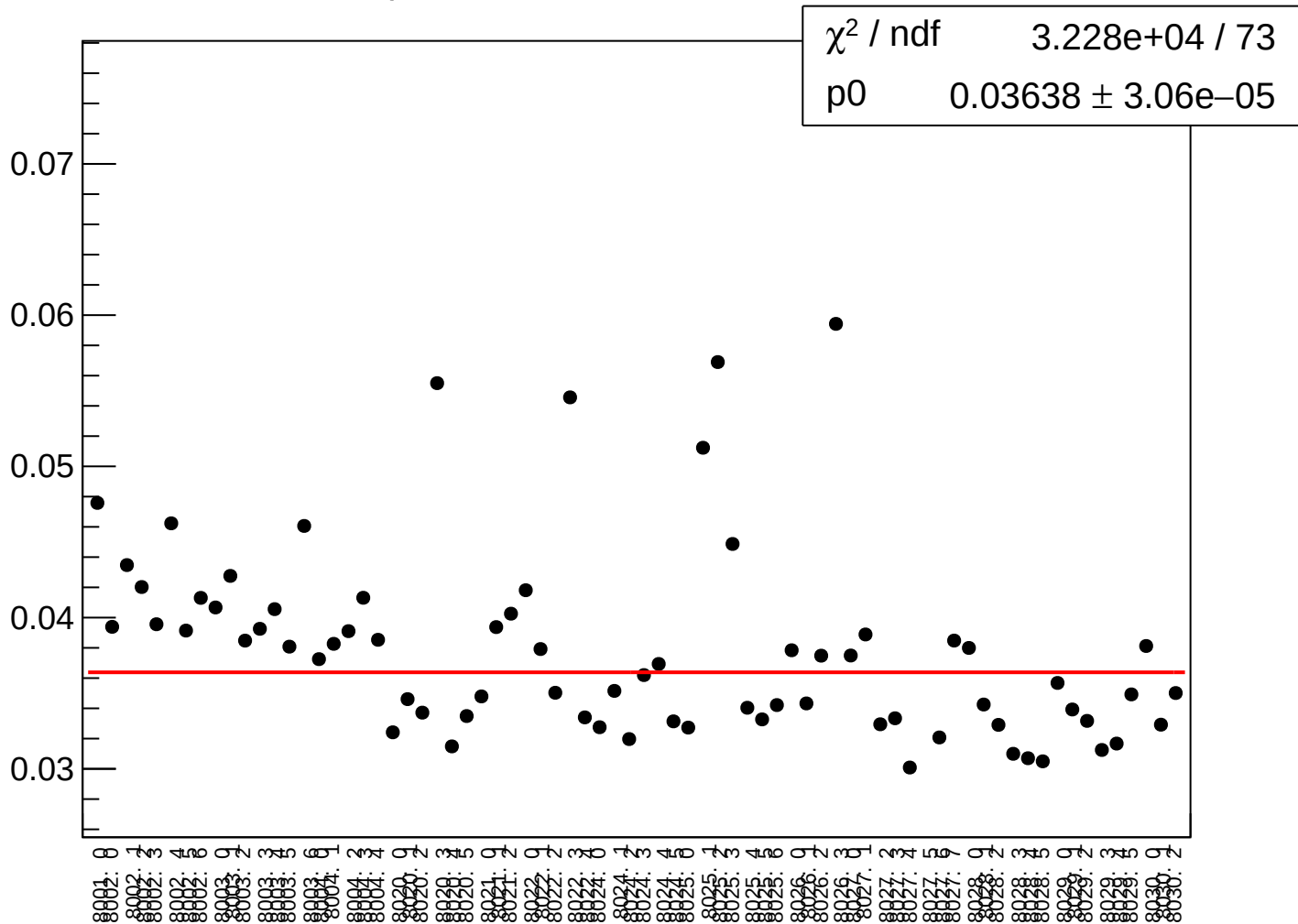
# yield\_sam5\_rms vs run



yield\_sam6\_mean vs run

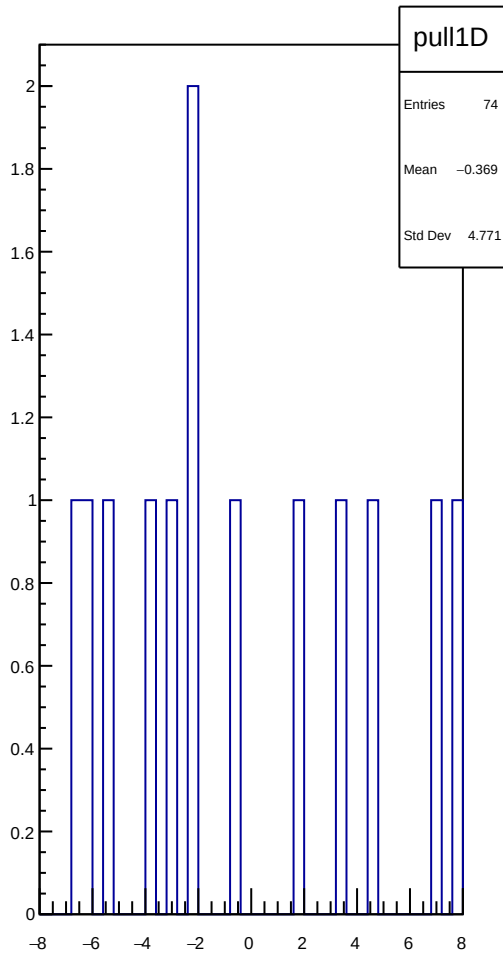
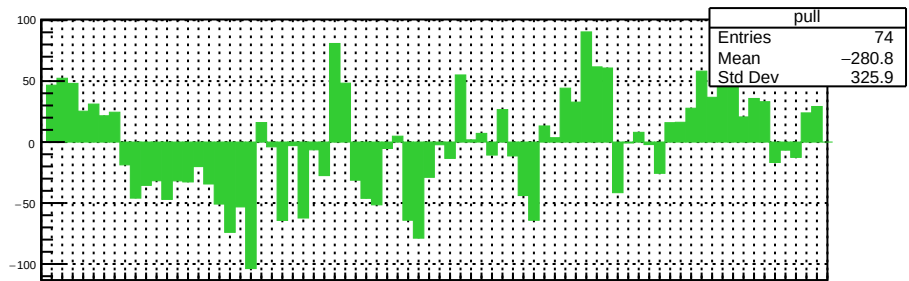
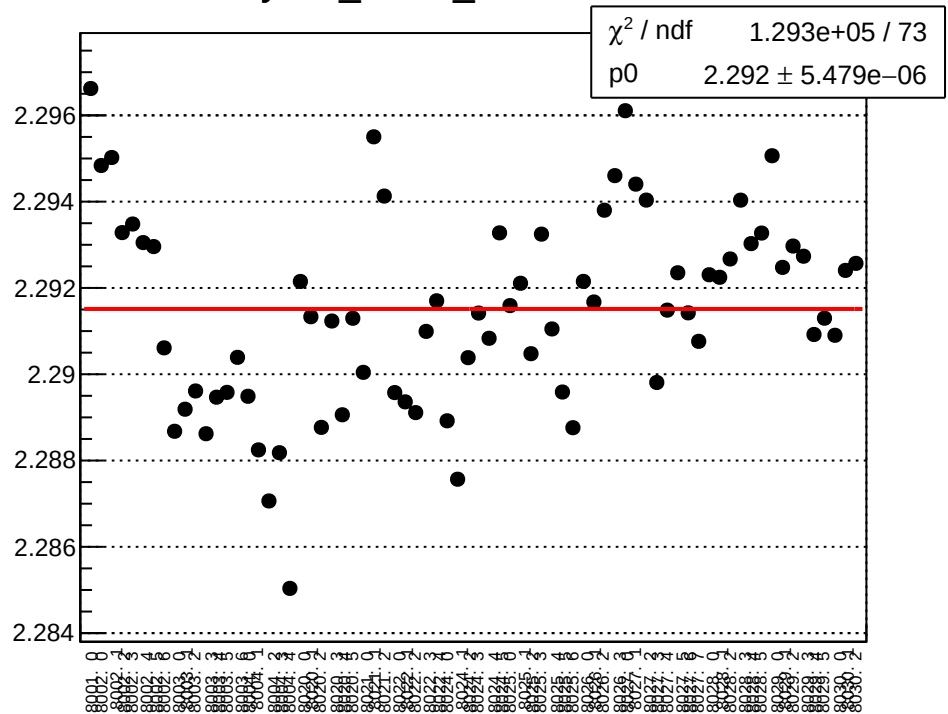


# yield\_sam6\_rms vs run

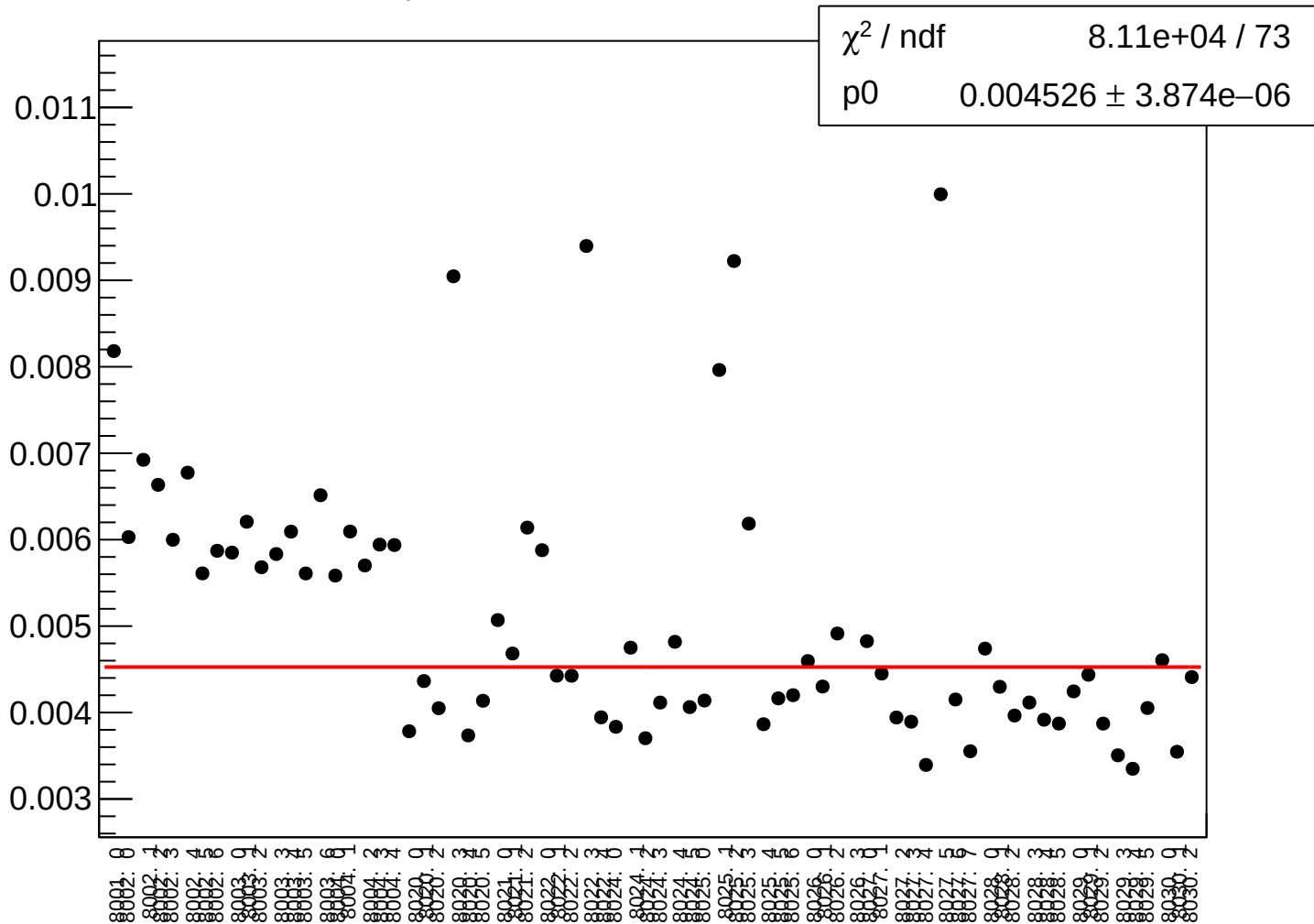




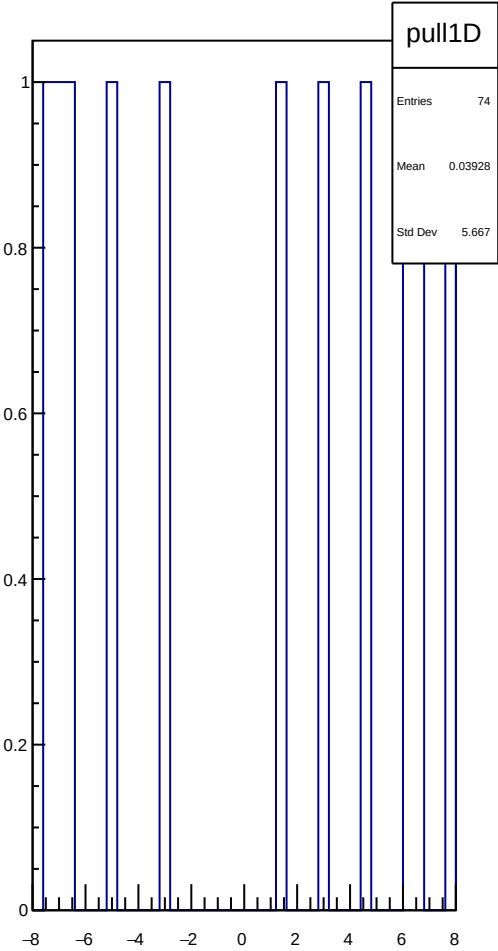
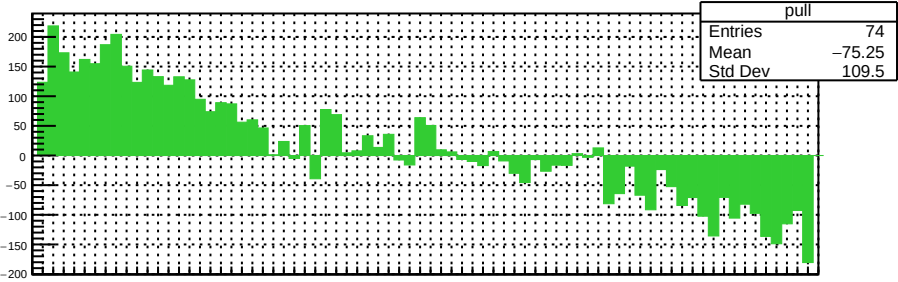
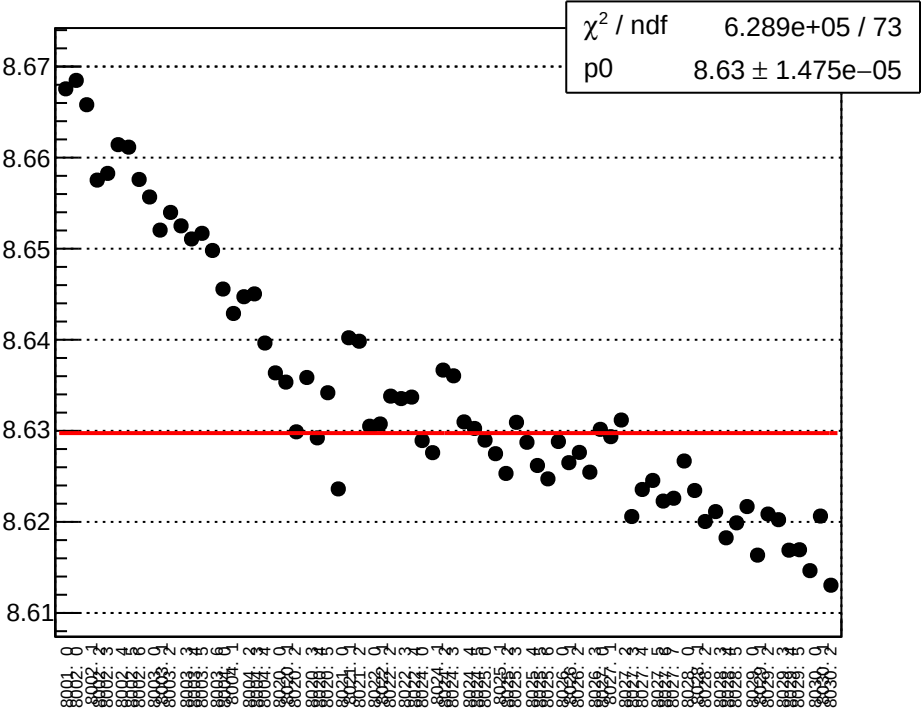
yield\_sam7\_mean vs run



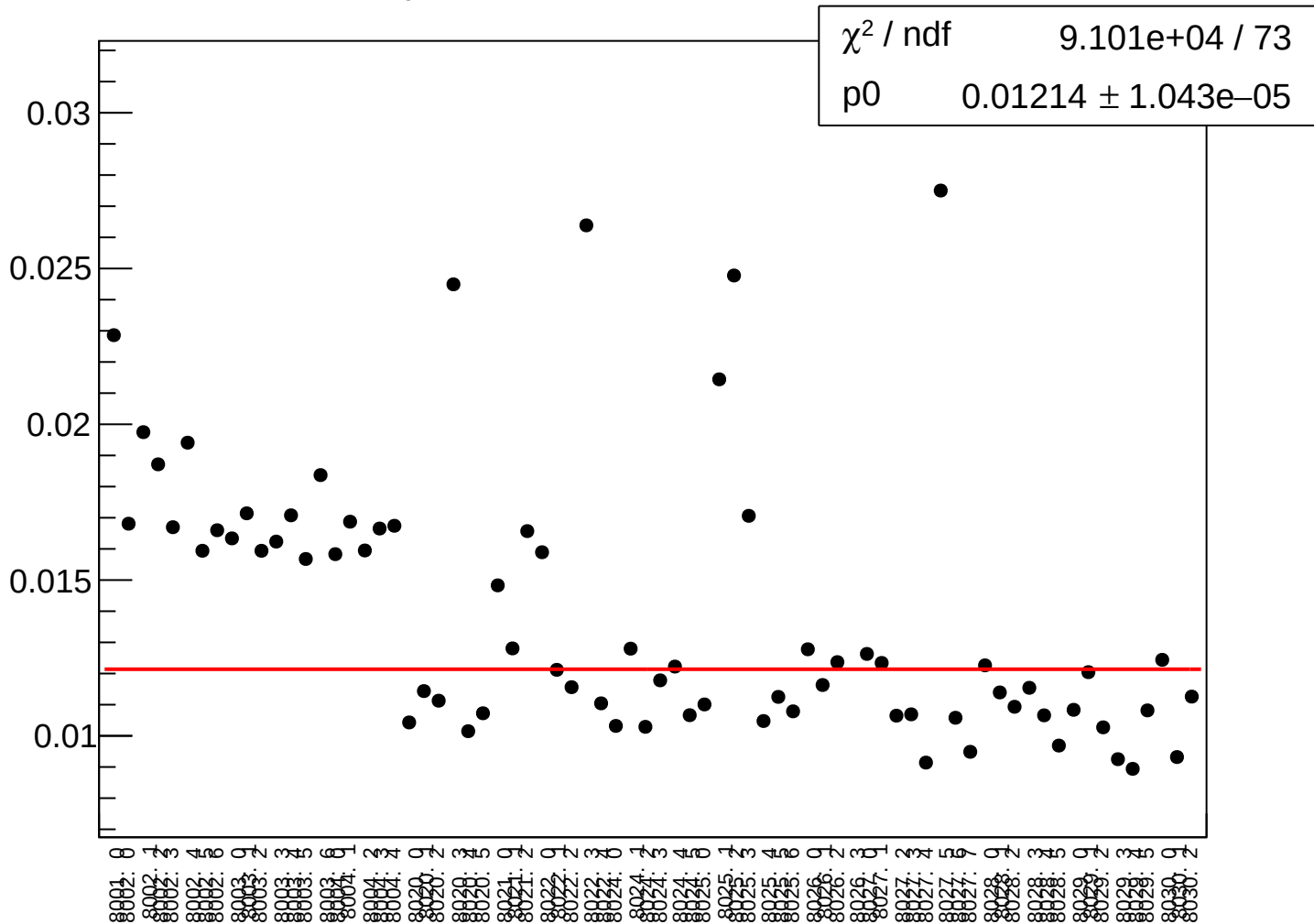
# yield\_sam7\_rms vs run



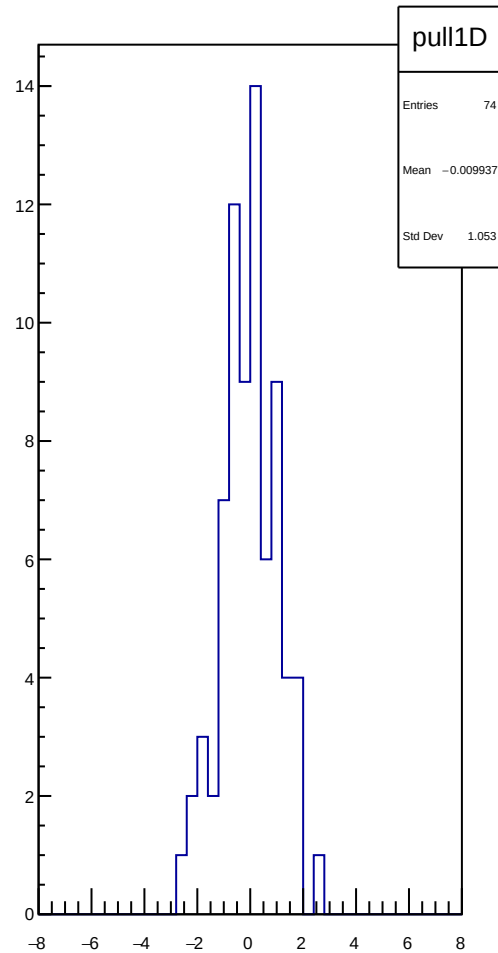
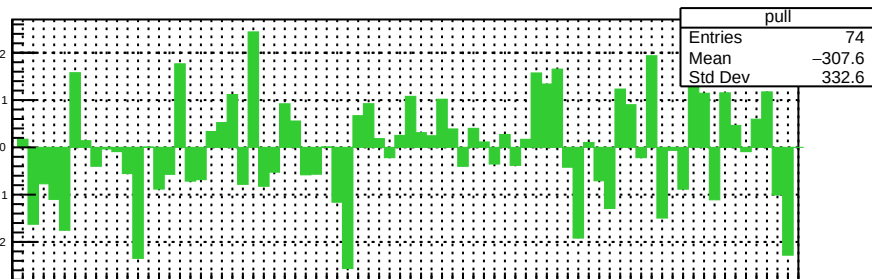
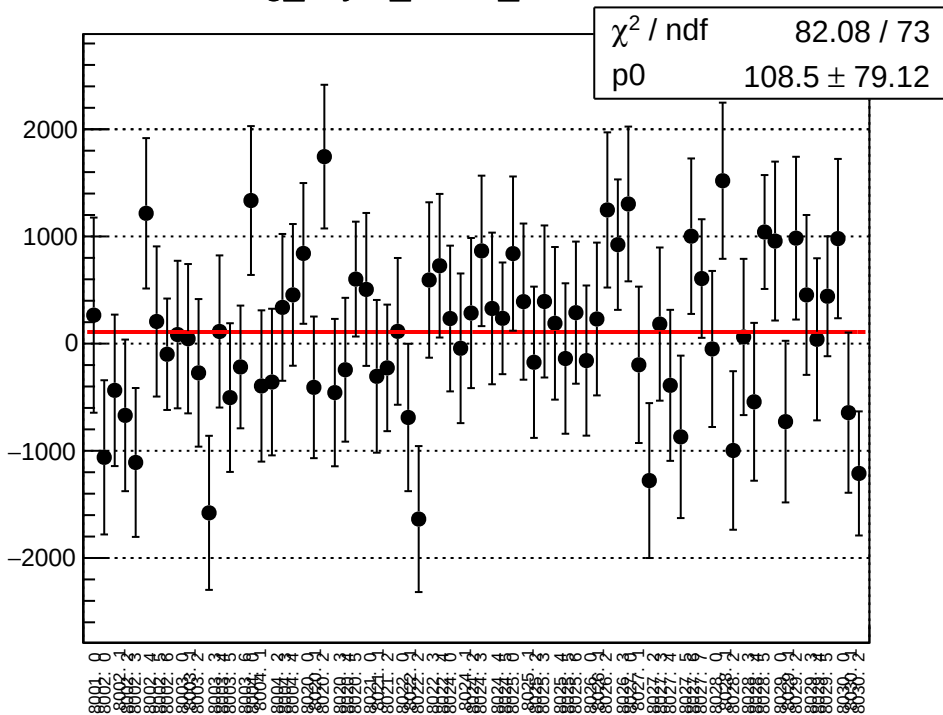
yield\_sam8\_mean vs run



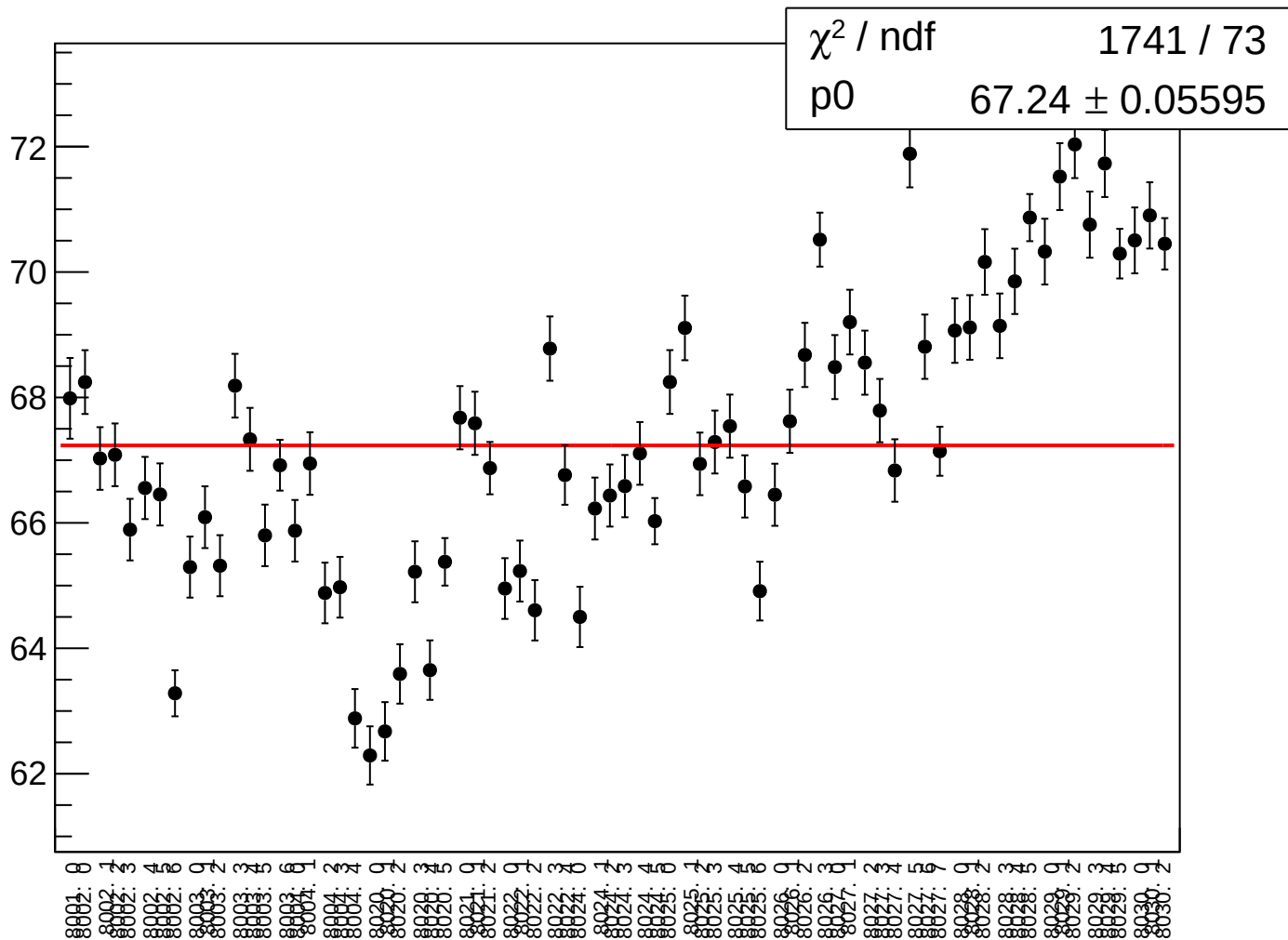
# yield\_sam8\_rms vs run



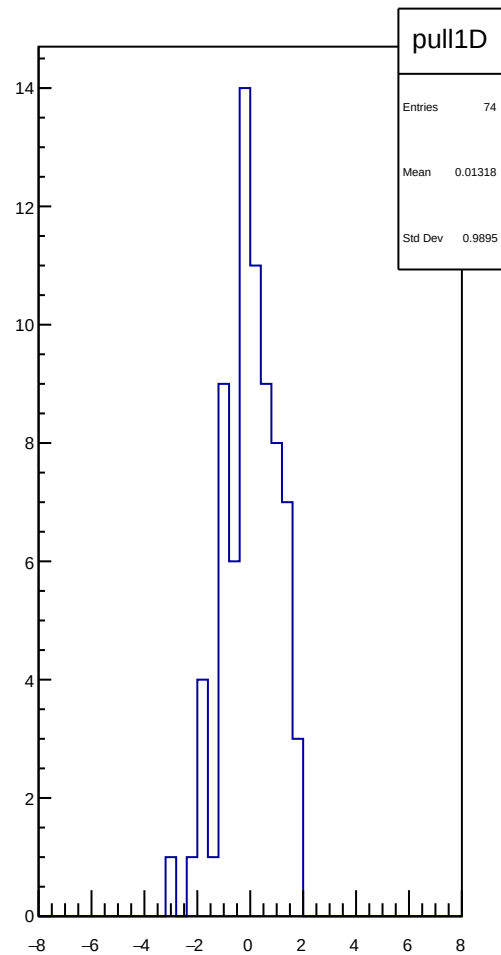
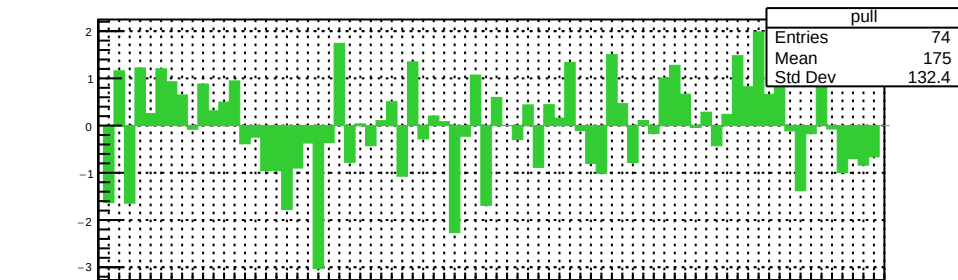
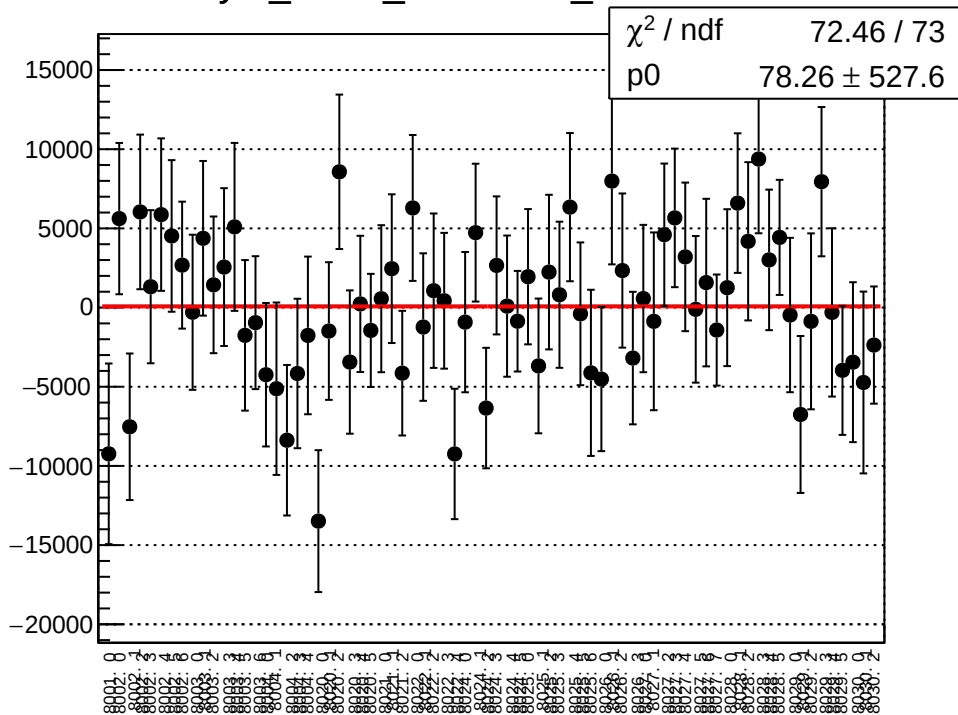
reg\_asym\_sam1\_mean vs run



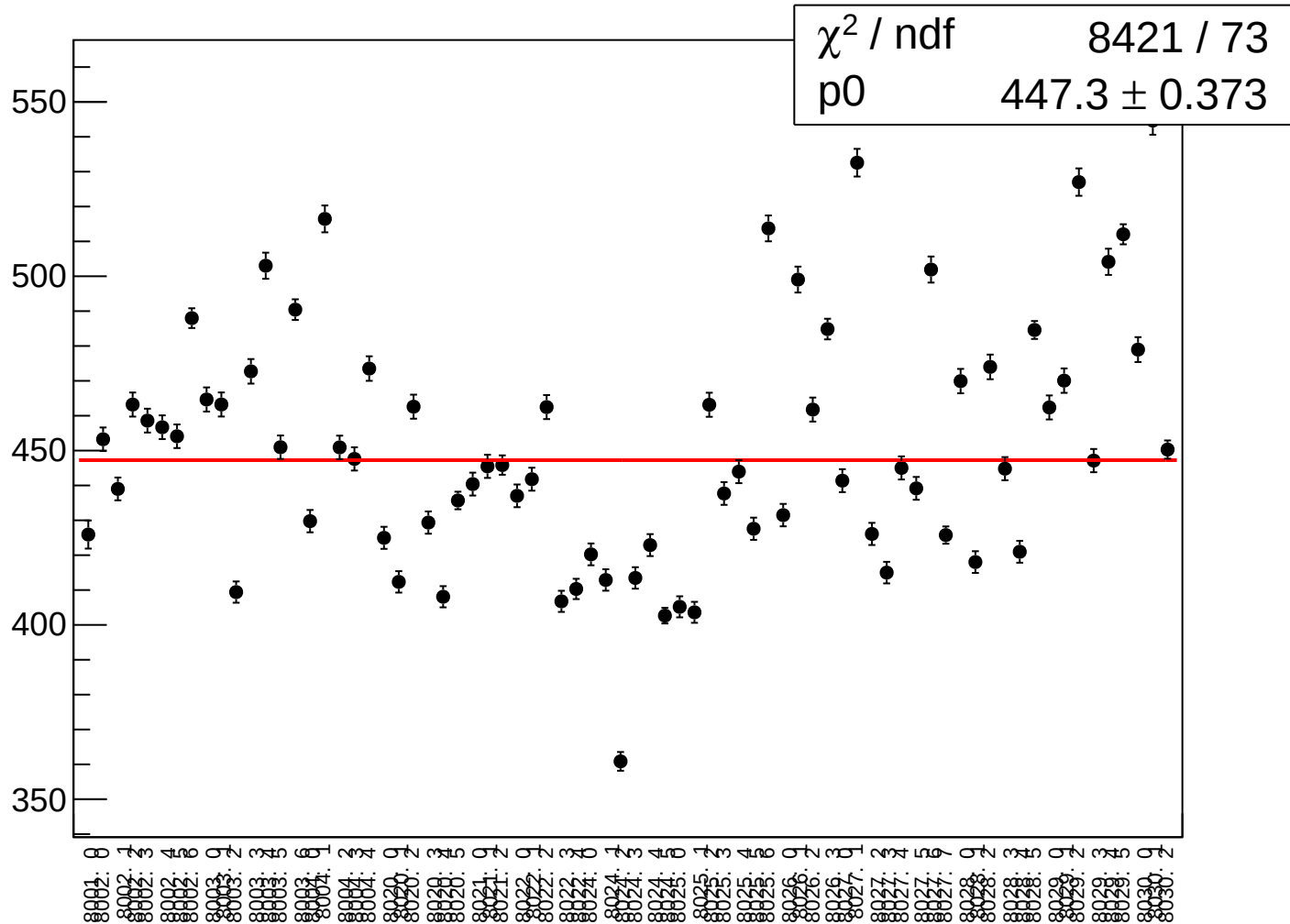
reg\_asym\_sam1\_rms vs run



asym\_sam1\_correction\_mean vs run

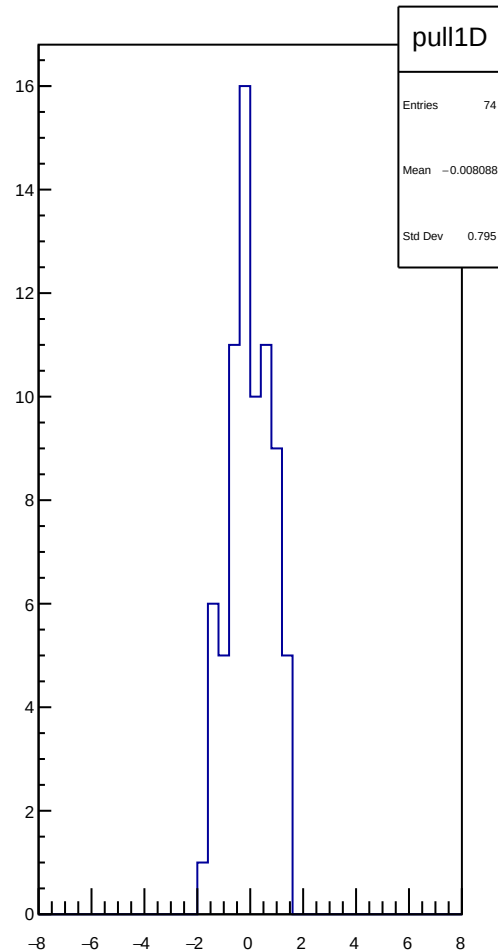
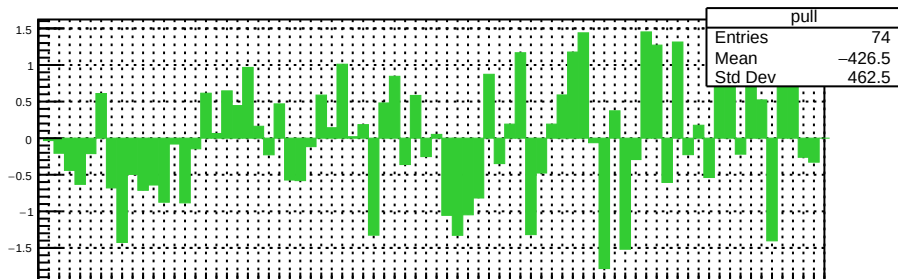
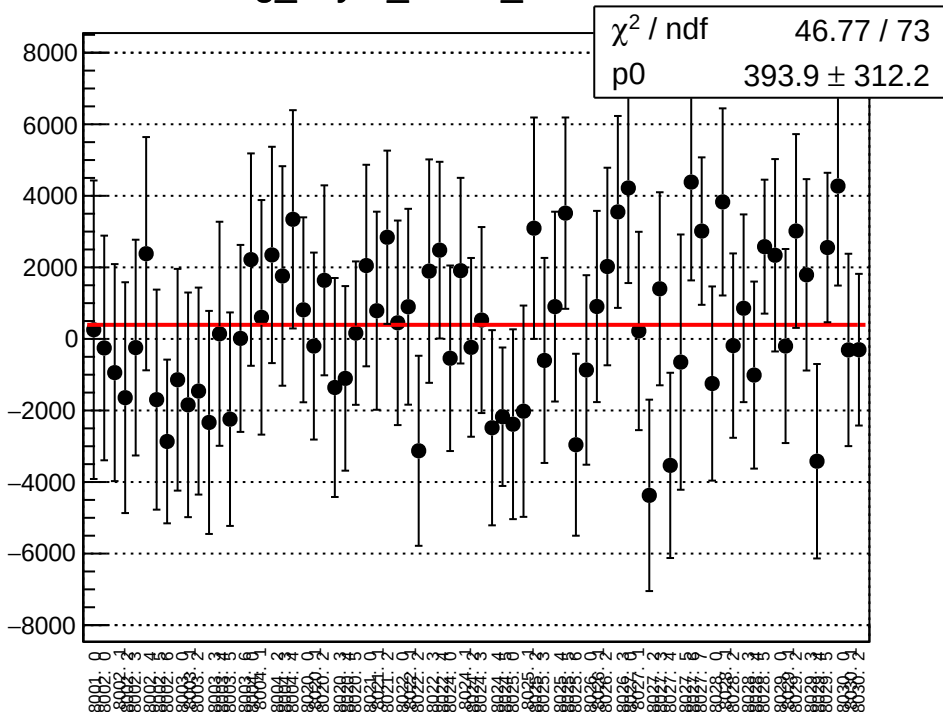


# asym\_sam1\_correction\_rms vs run

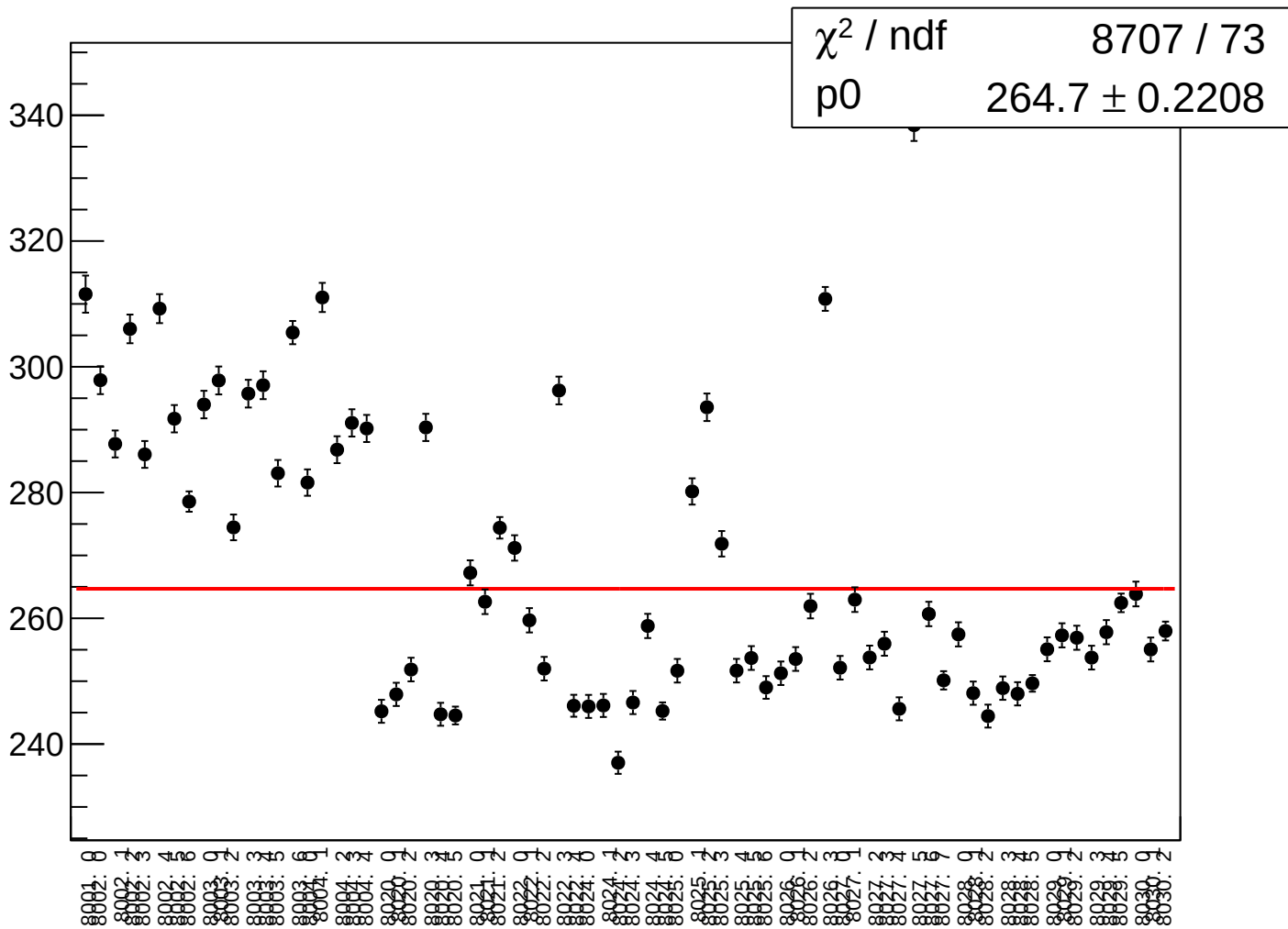




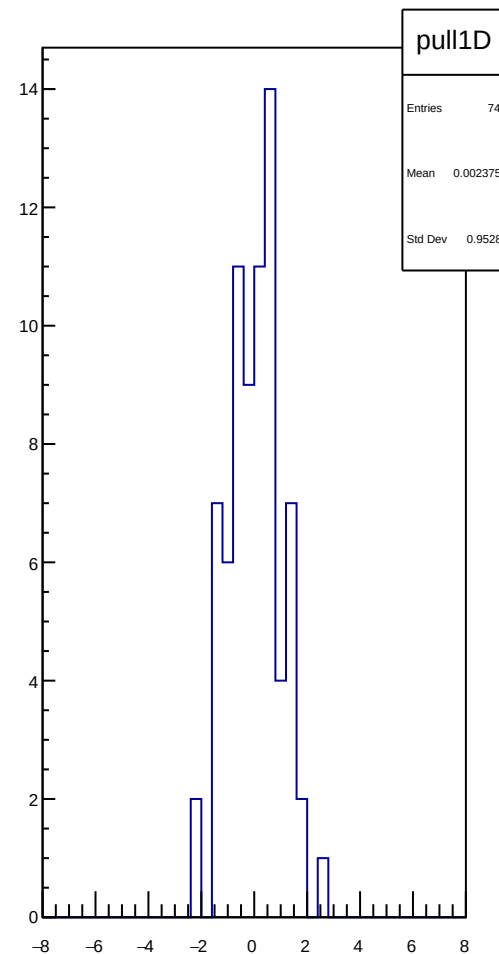
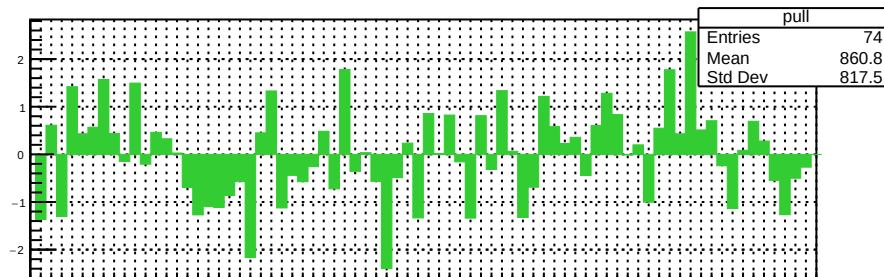
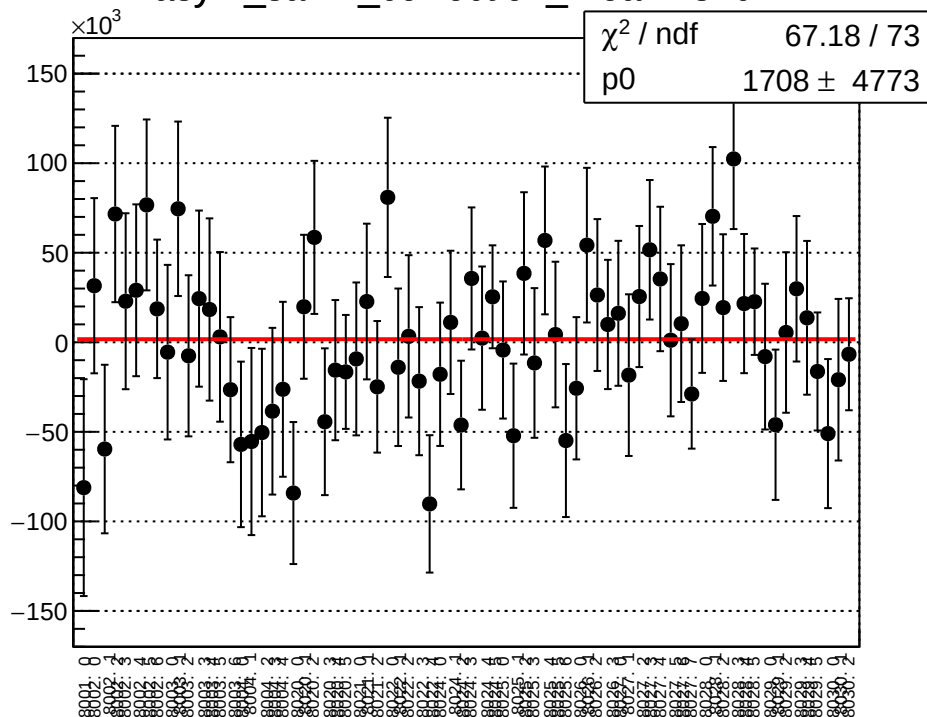
# reg\_asym\_sam2\_mean vs run



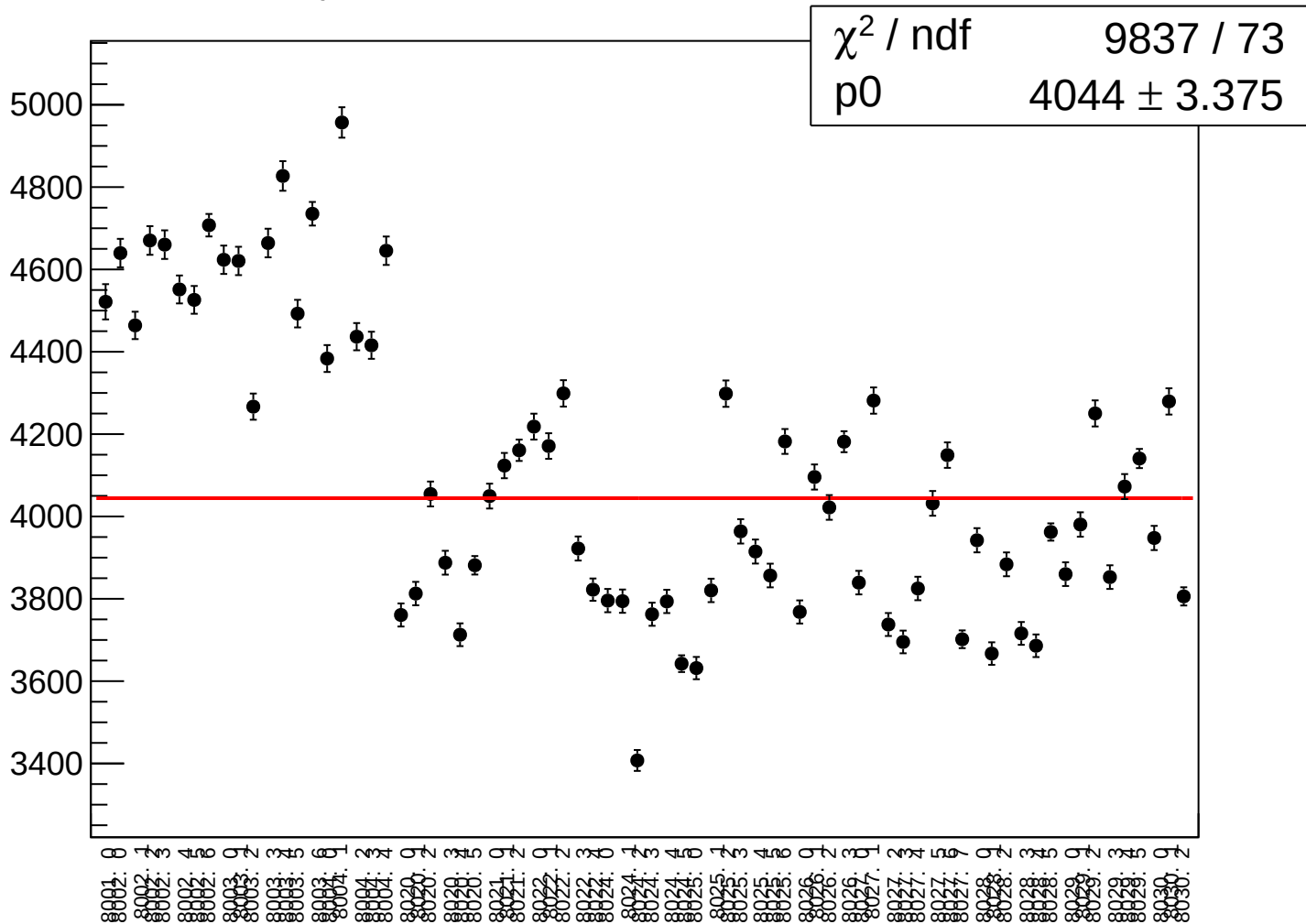
# reg\_asym\_sam2\_rms vs run



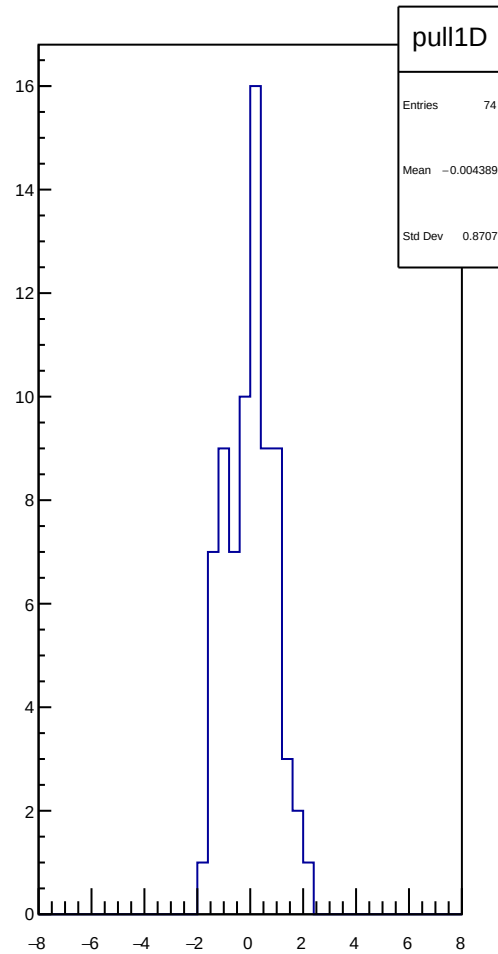
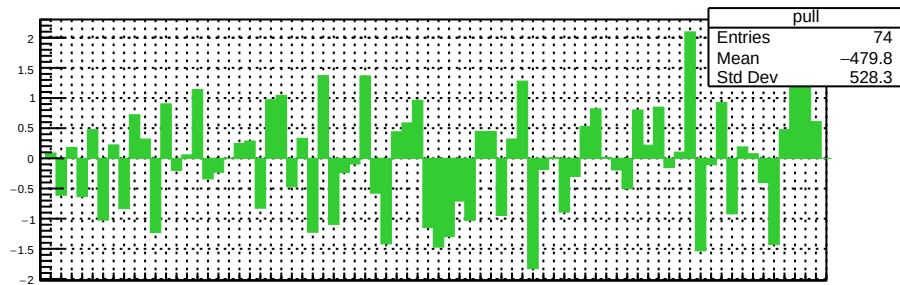
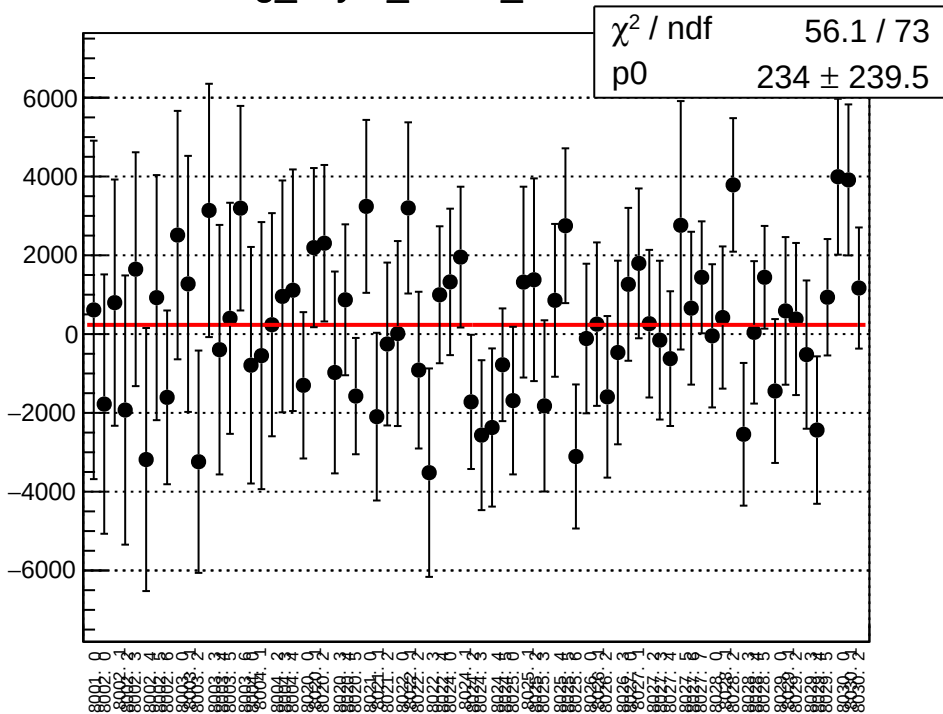
# asym\_sam2\_correction\_mean vs run



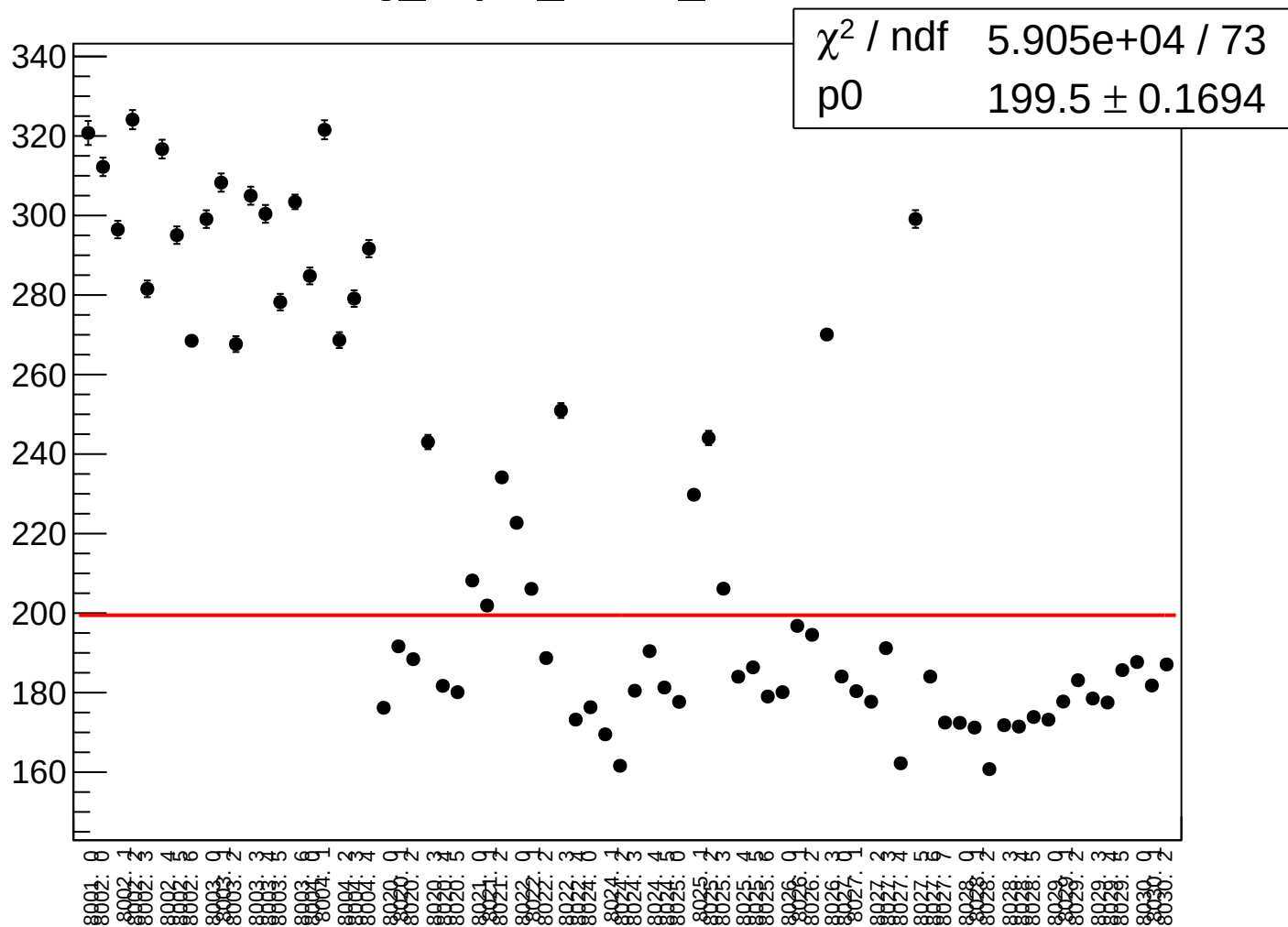
# asym\_sam2\_correction\_rms vs run



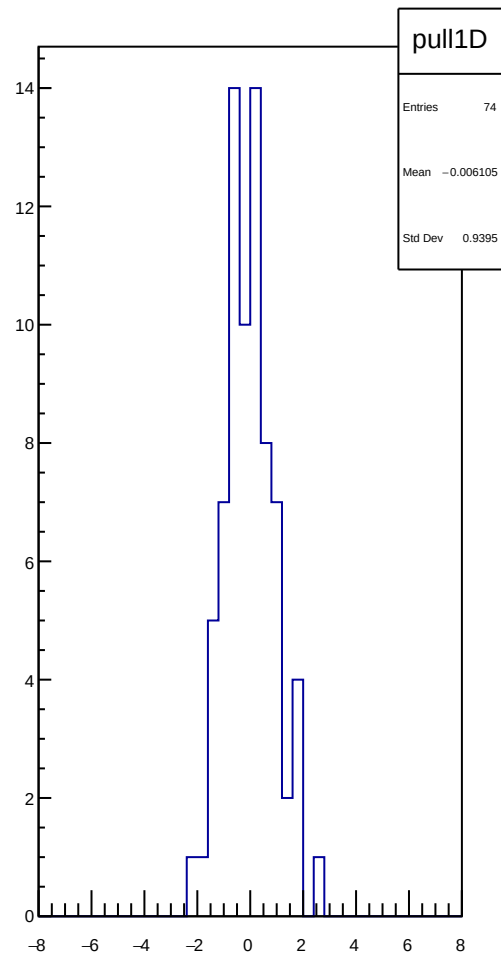
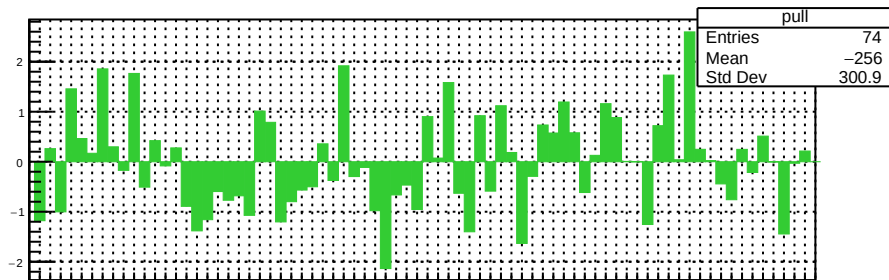
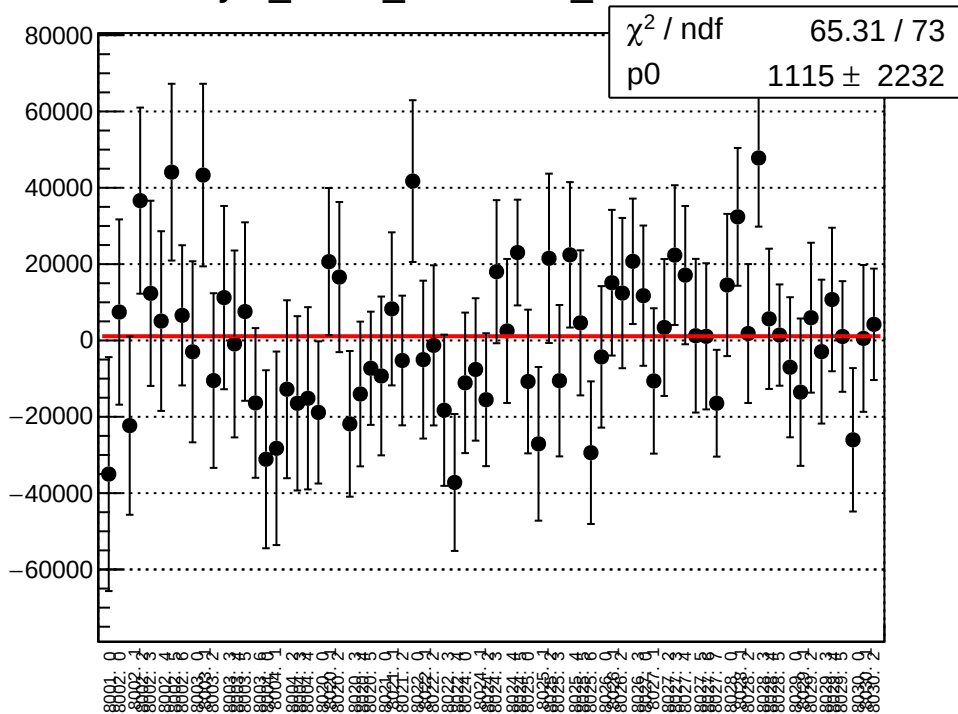
reg\_asym\_sam3\_mean vs run



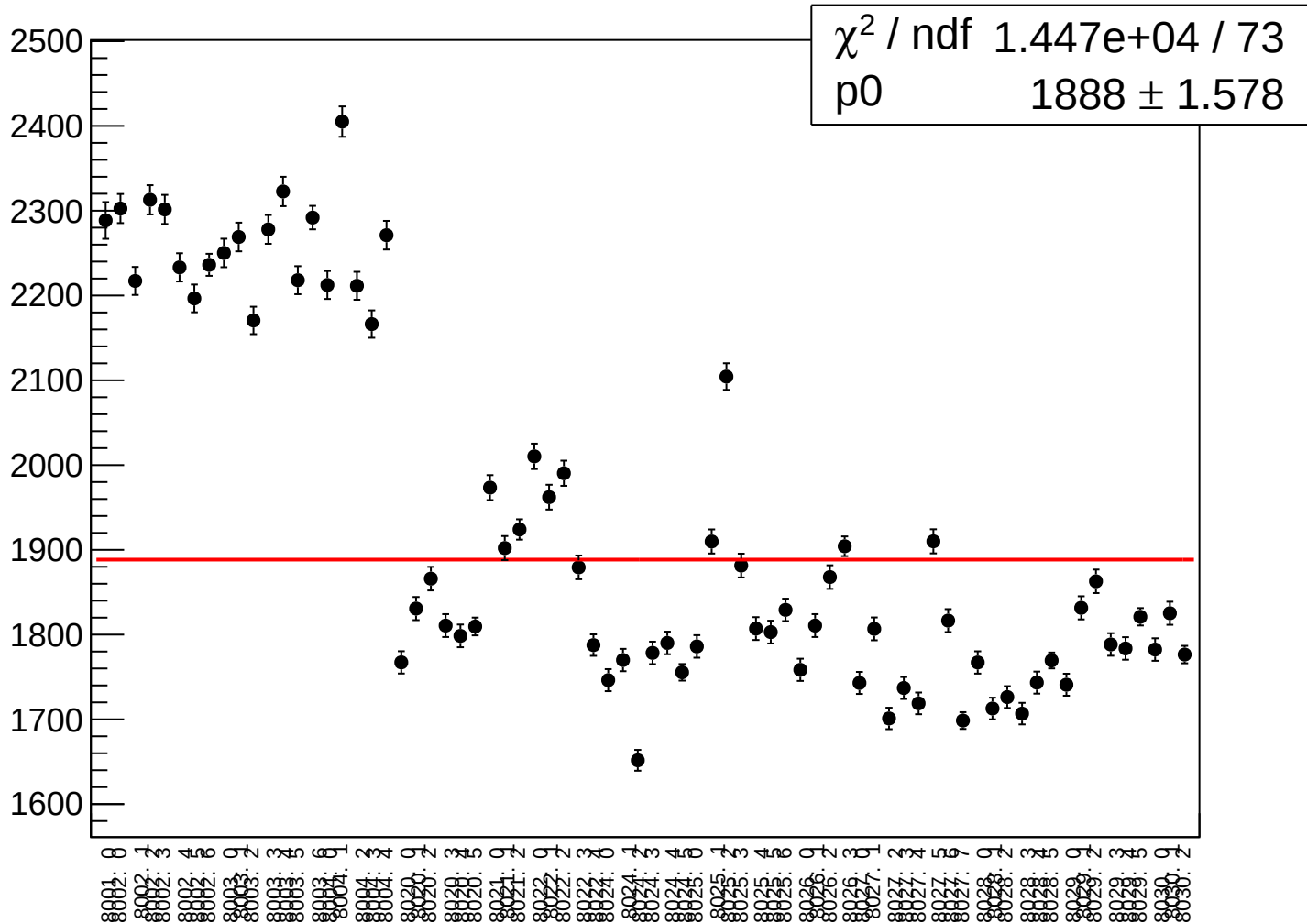
# reg\_asym\_sam3\_rms vs run



asym\_sam3\_correction\_mean vs run

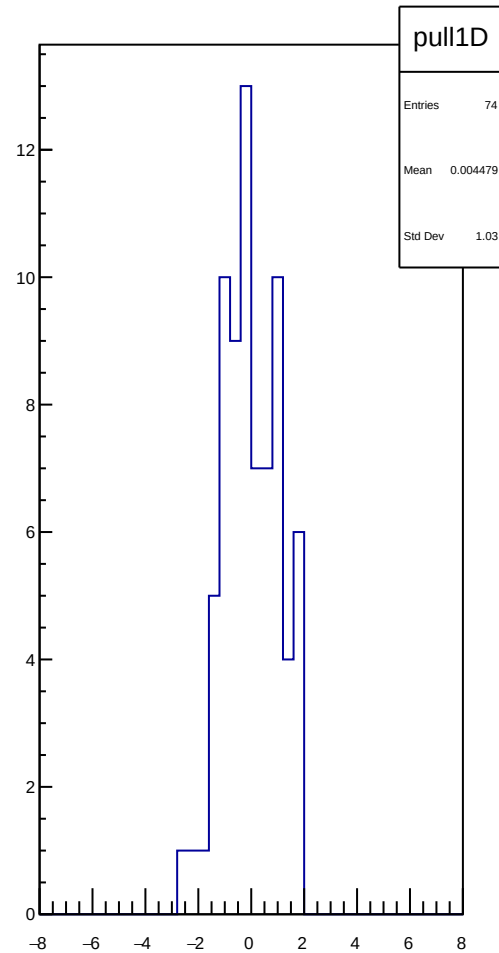
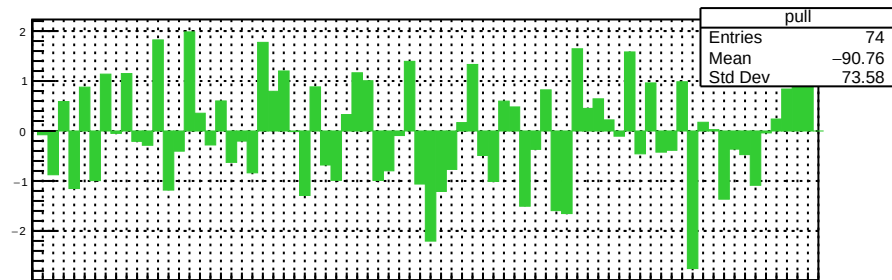
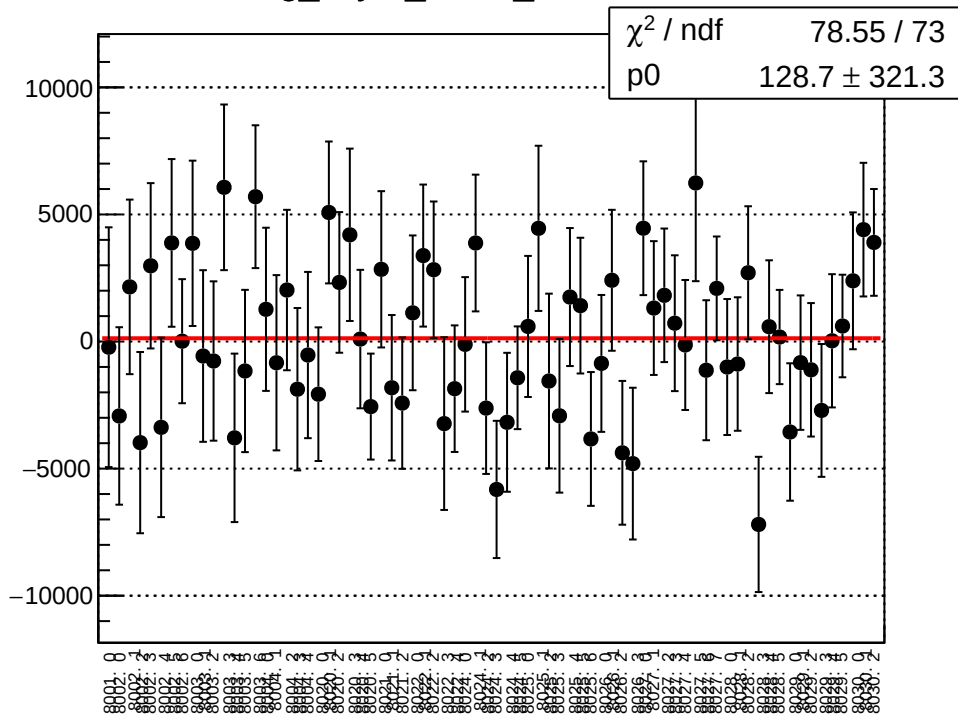


# asym\_sam3\_correction\_rms vs run

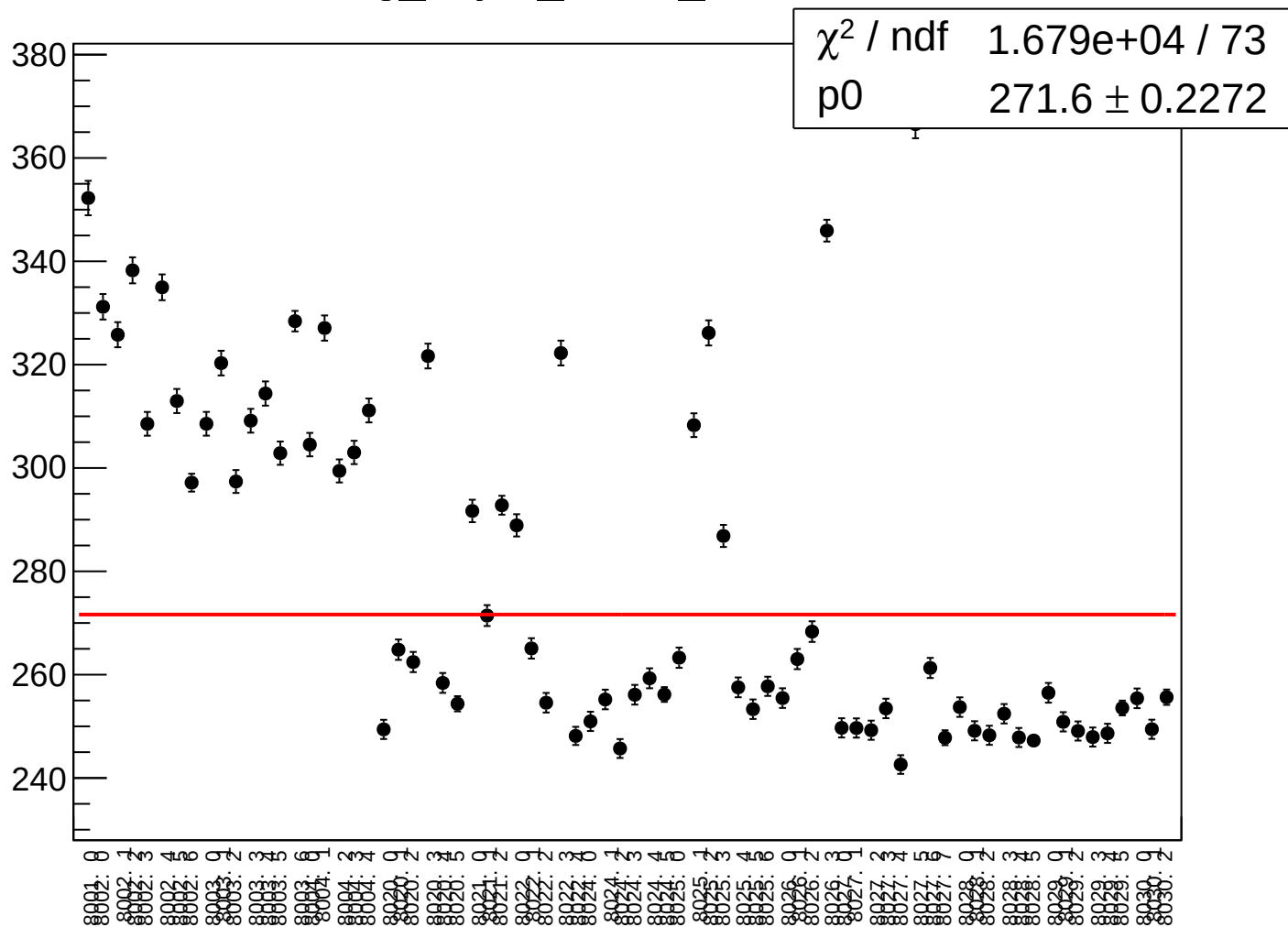




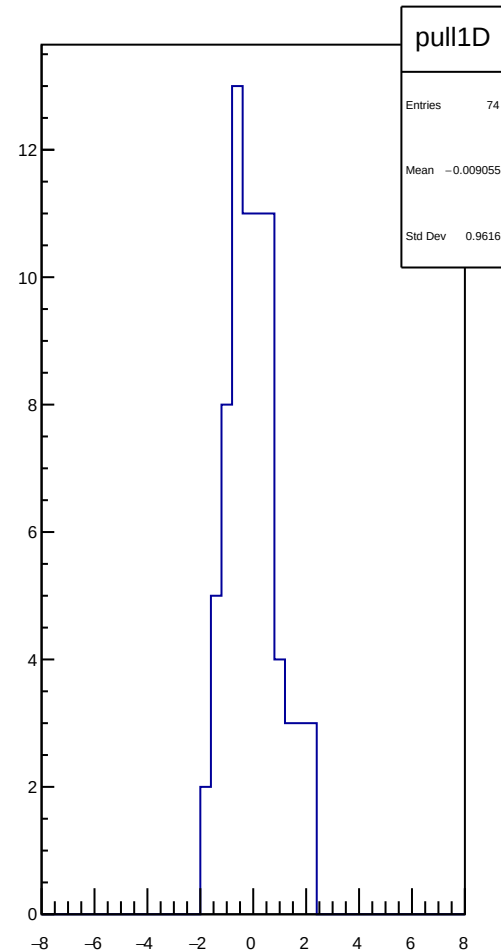
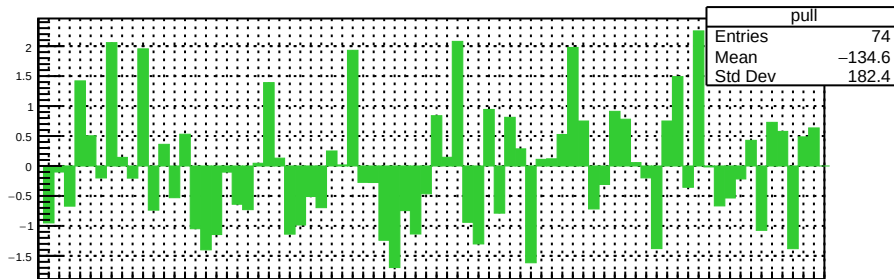
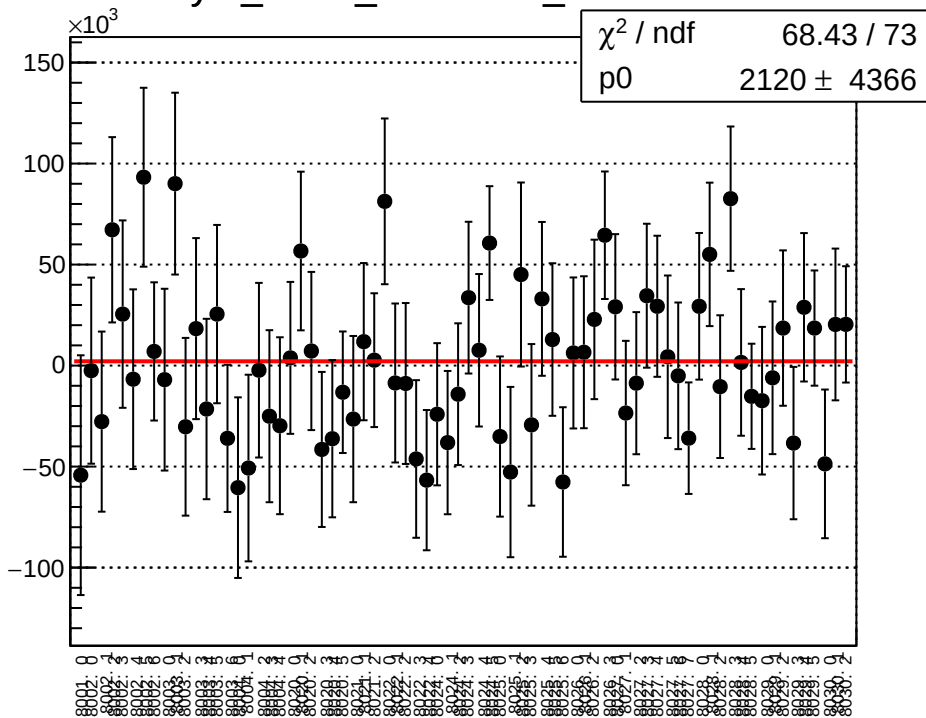
reg\_asym\_sam4\_mean vs run



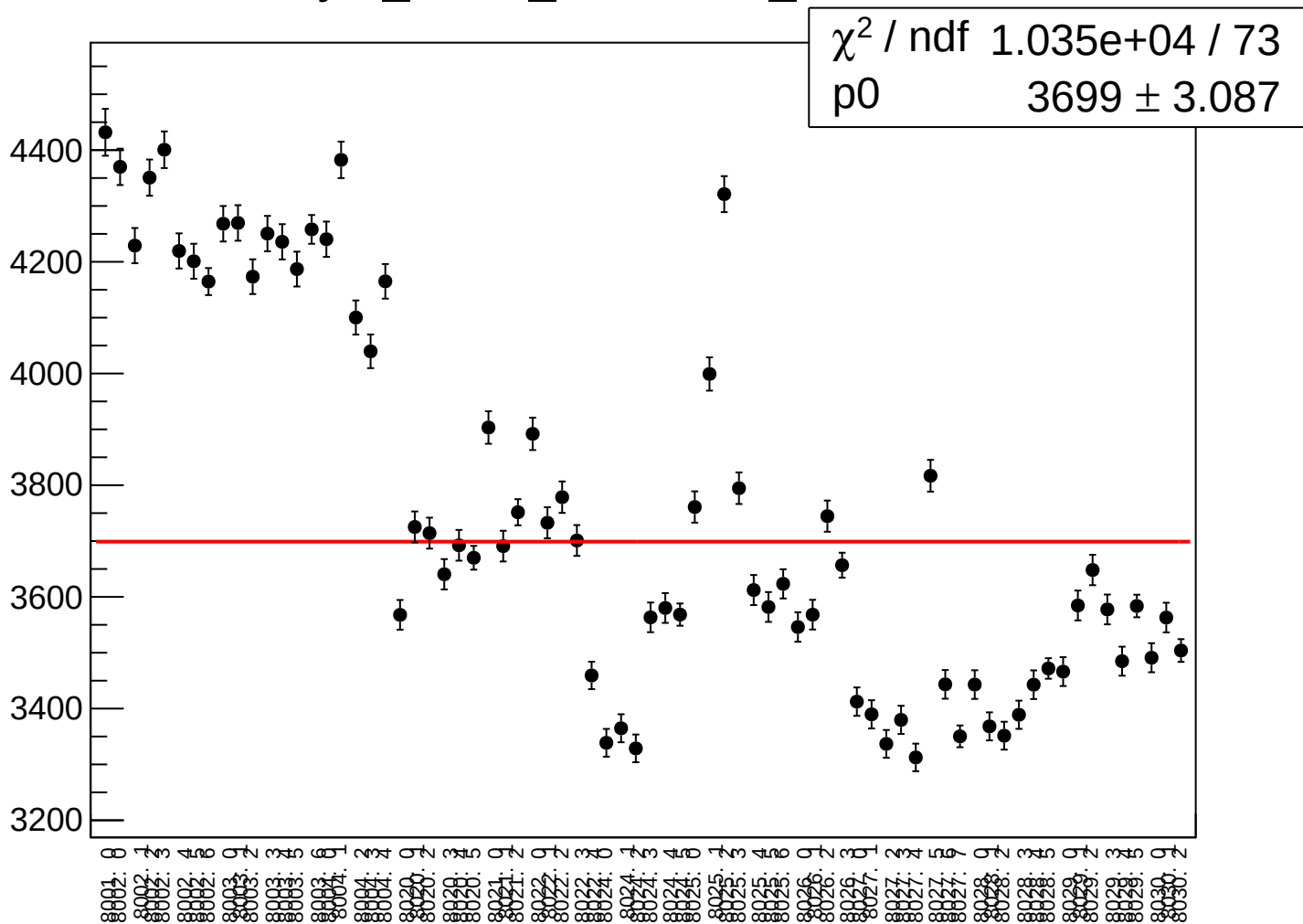
reg\_asym\_sam4\_rms vs run



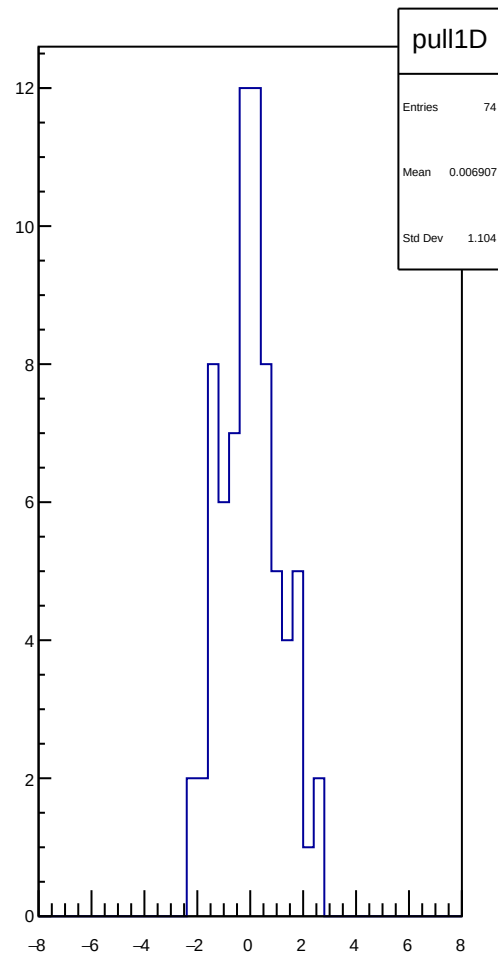
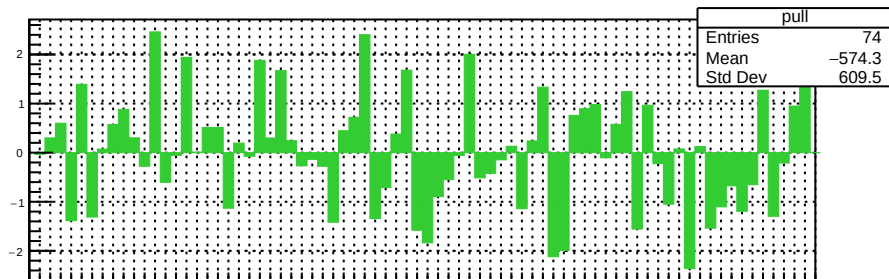
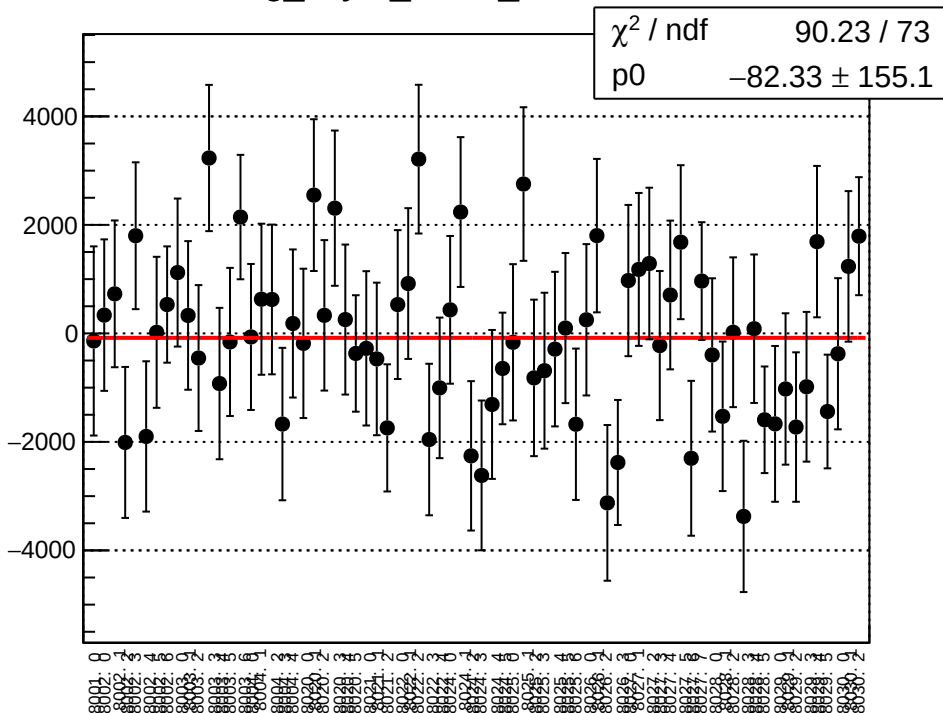
asym\_sam4\_correction\_mean vs run



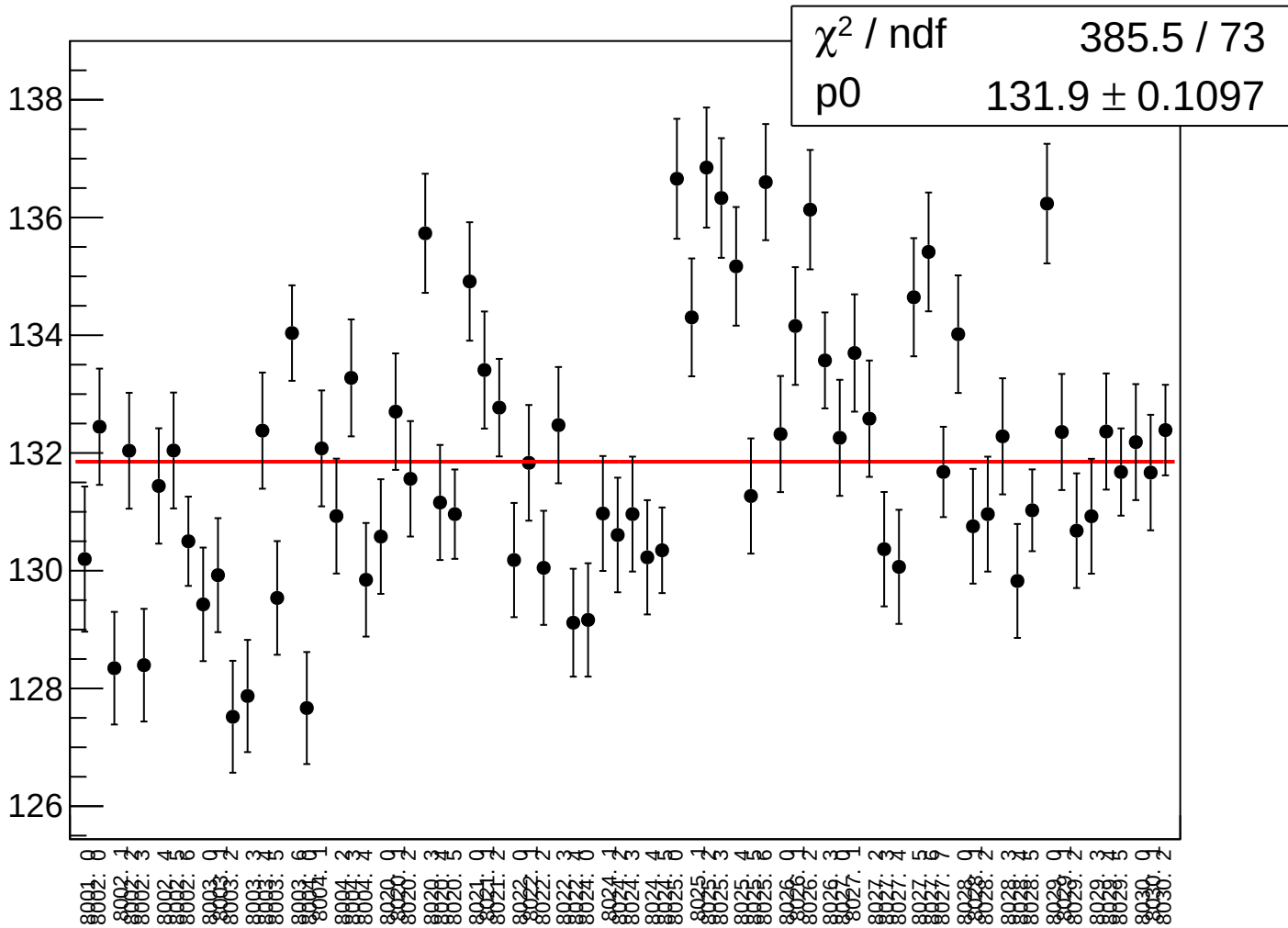
# asym\_sam4\_correction\_rms vs run



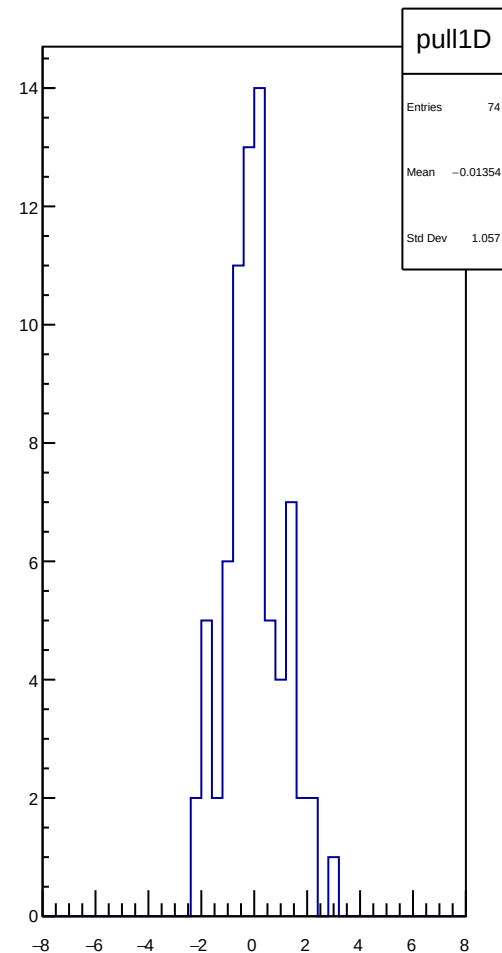
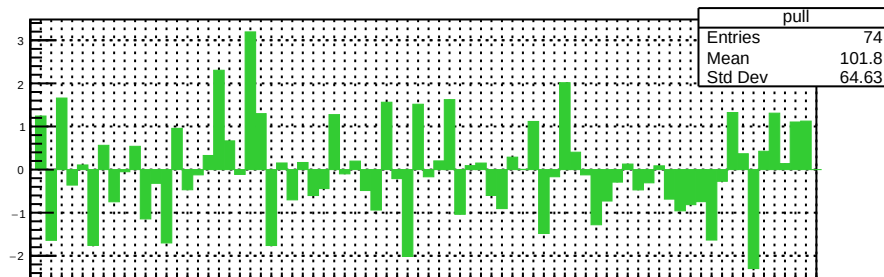
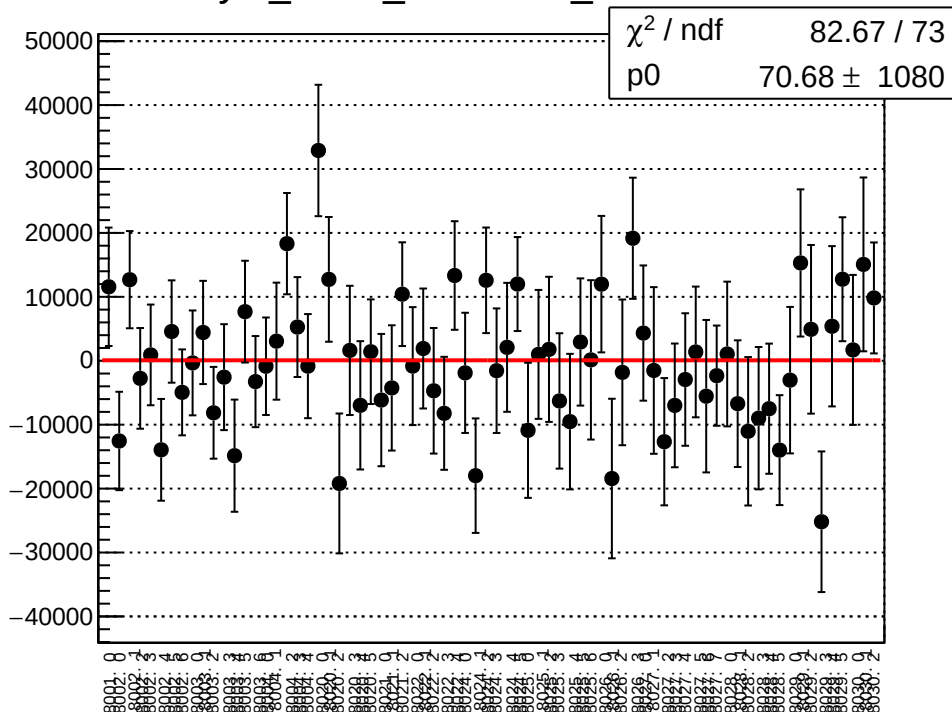
# reg\_asym\_sam5\_mean vs run



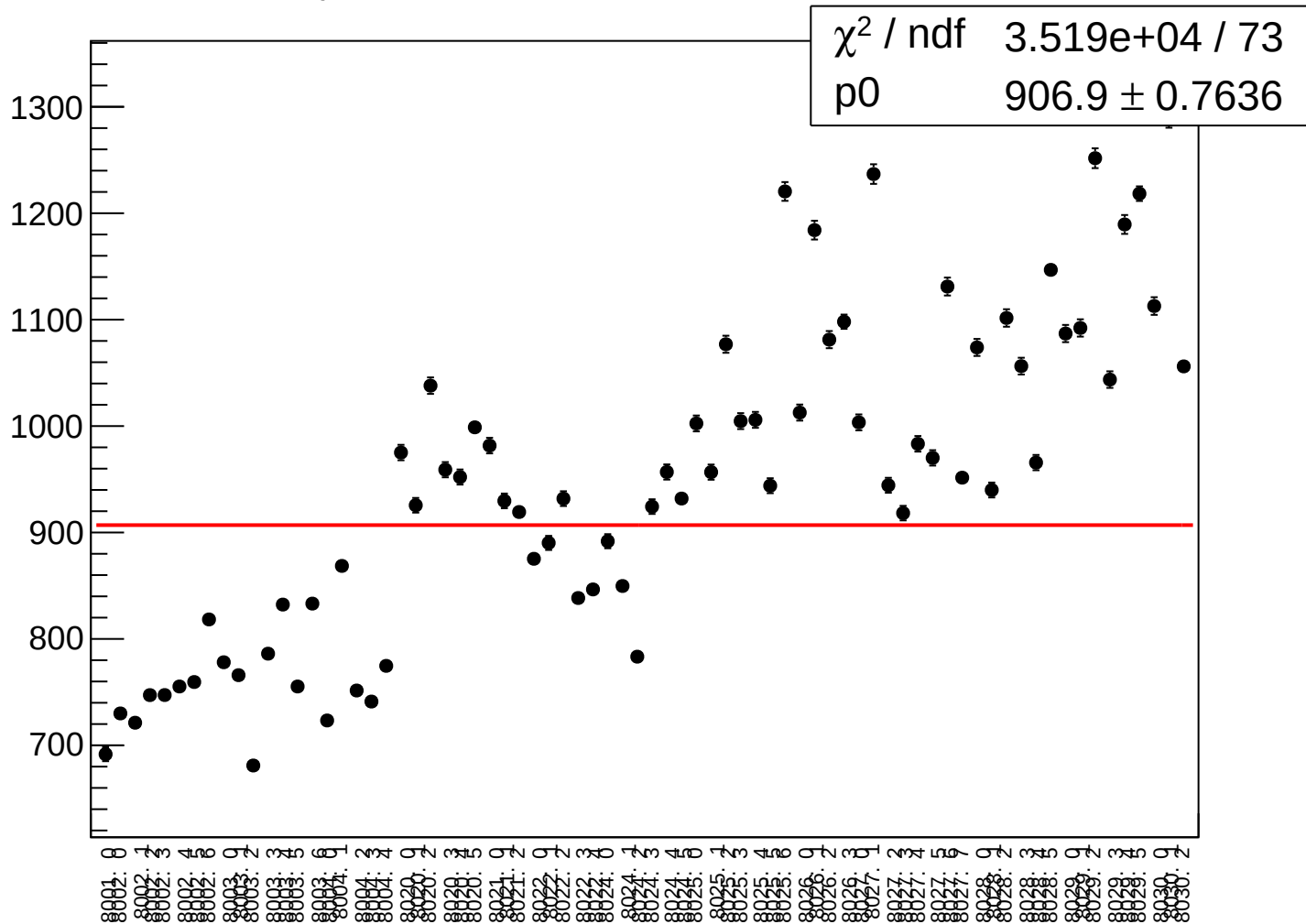
# reg\_asym\_sam5\_rms vs run



# asym\_sam5\_correction\_mean vs run

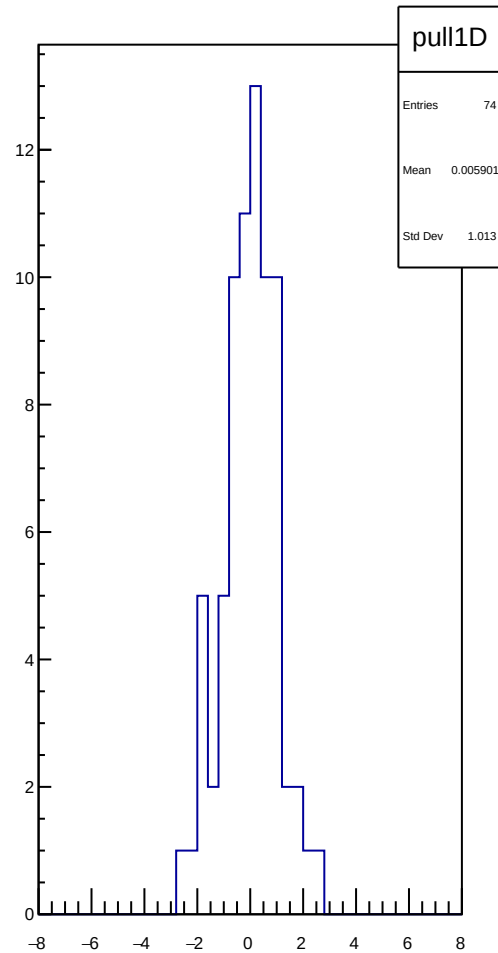
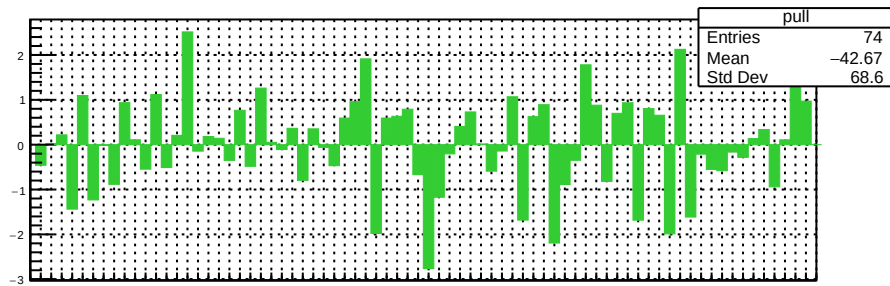
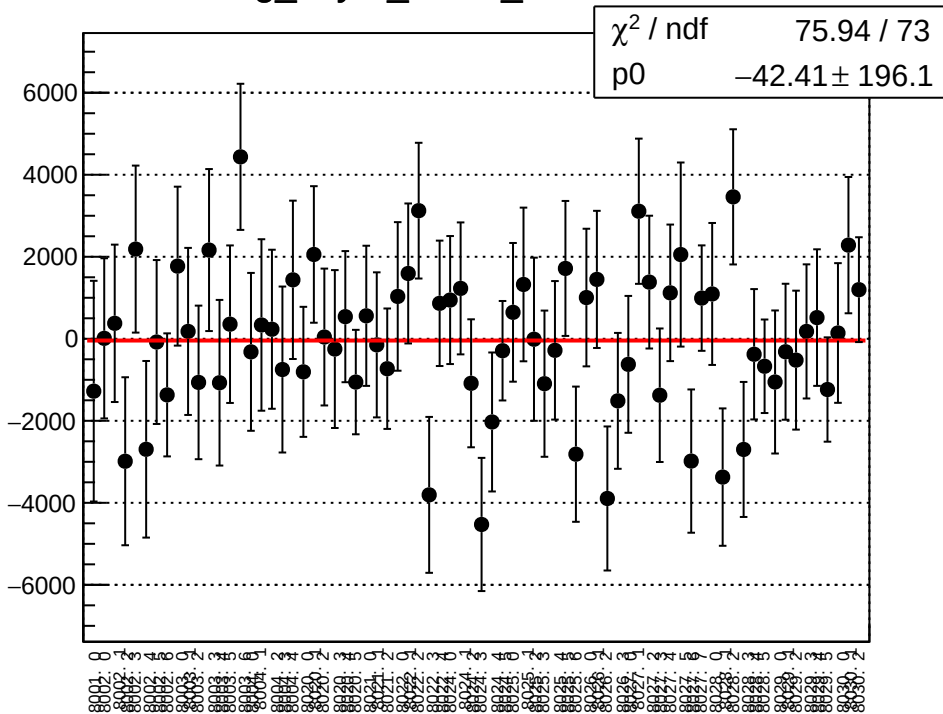


# asym\_sam5\_correction\_rms vs run

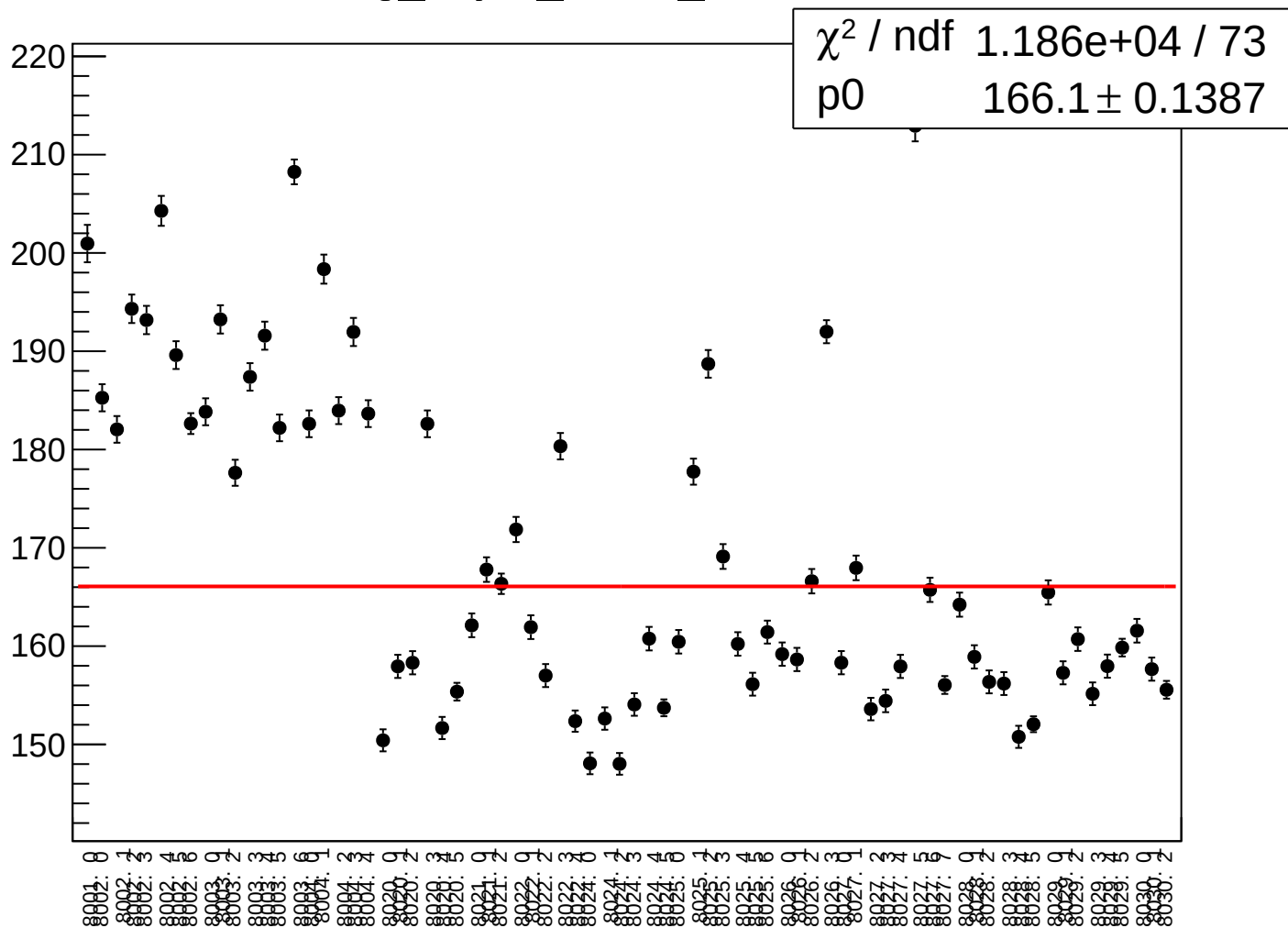




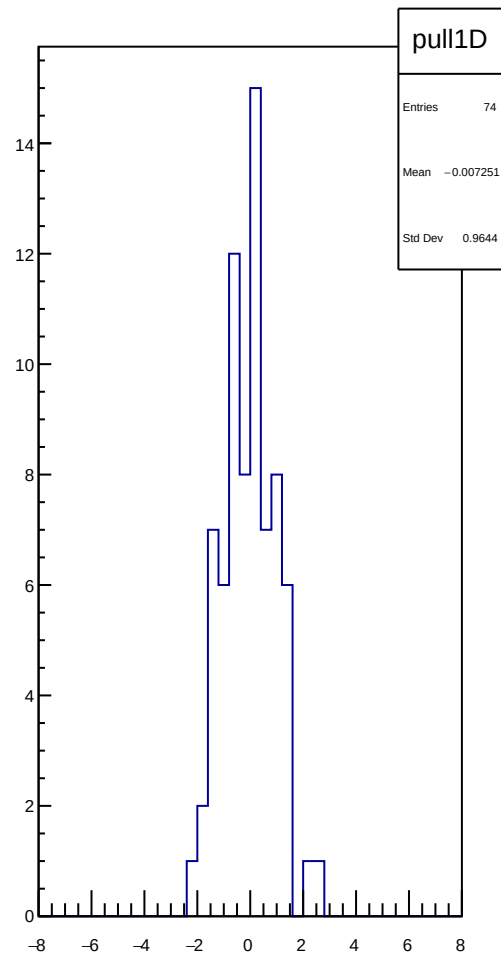
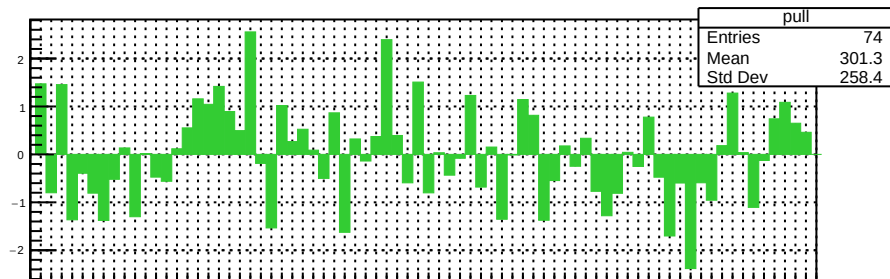
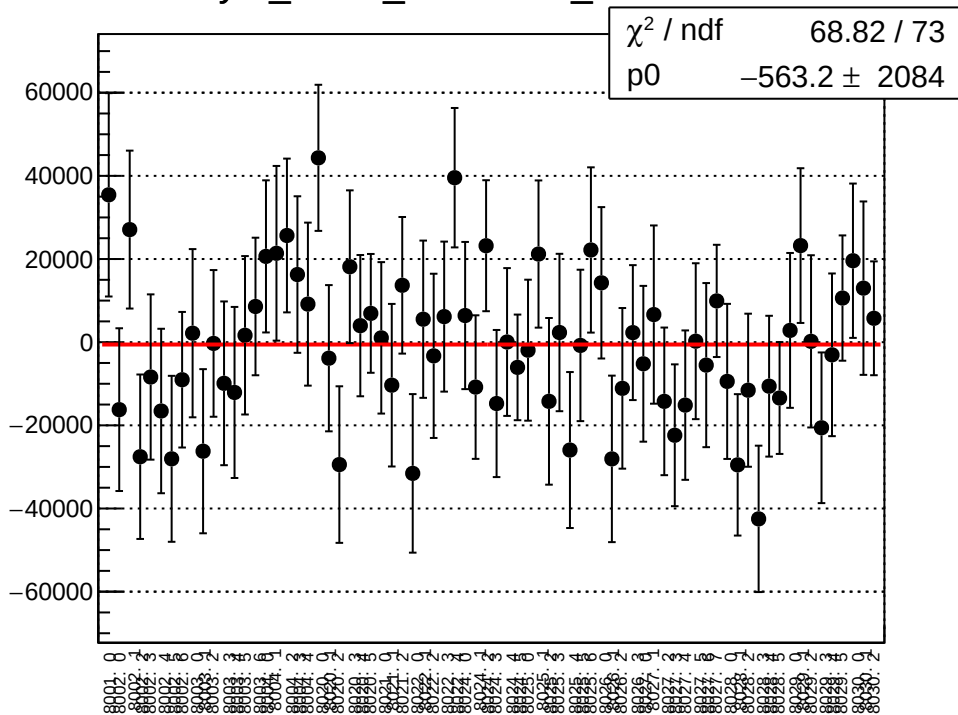
# reg\_asym\_sam6\_mean vs run



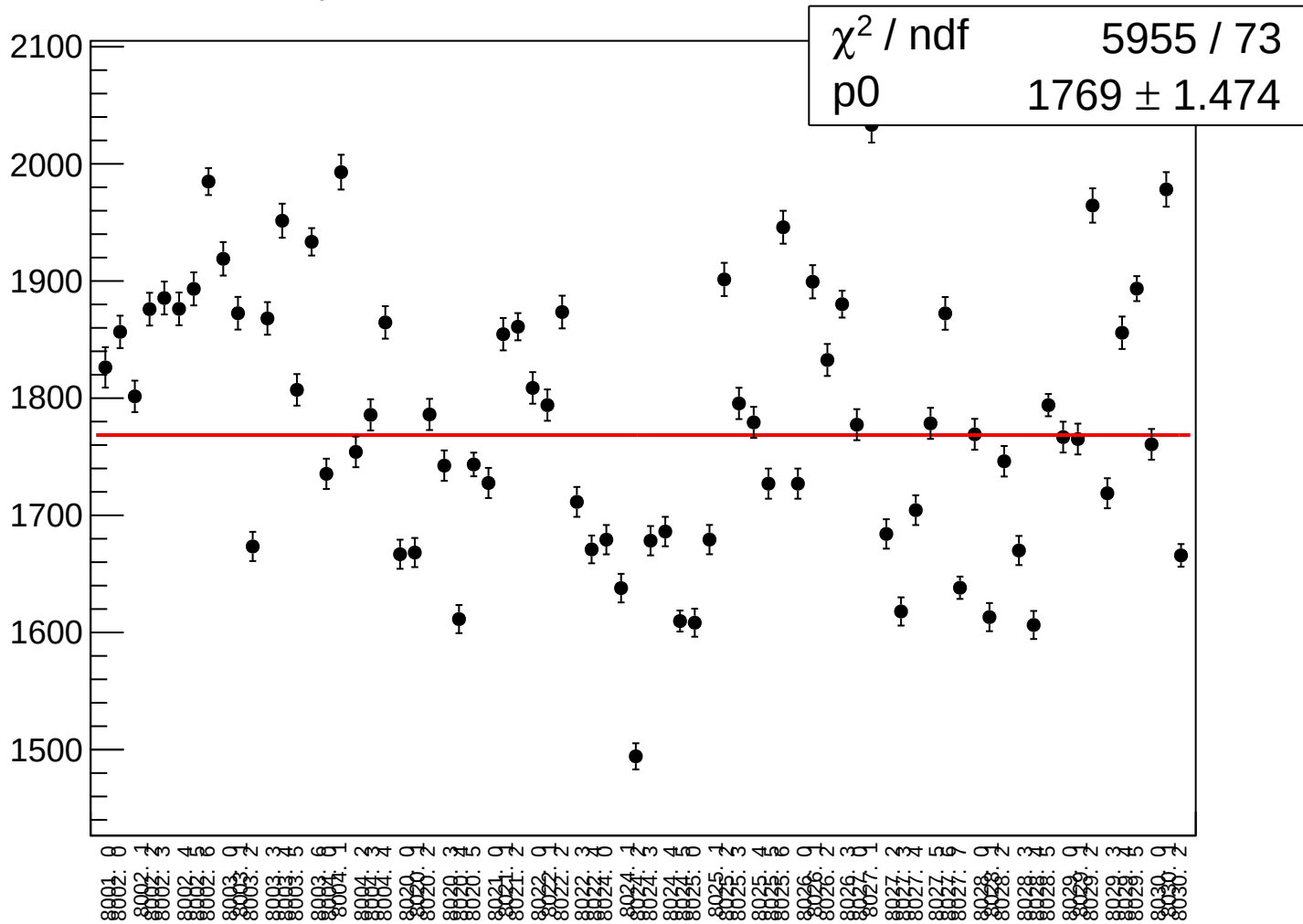
reg\_asym\_sam6\_rms vs run



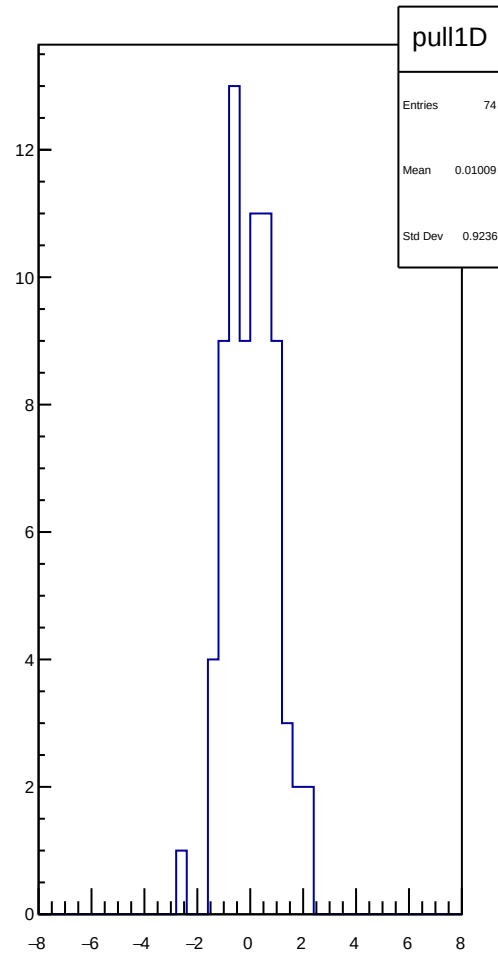
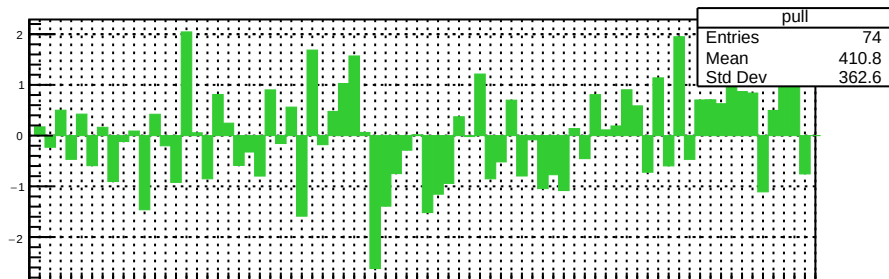
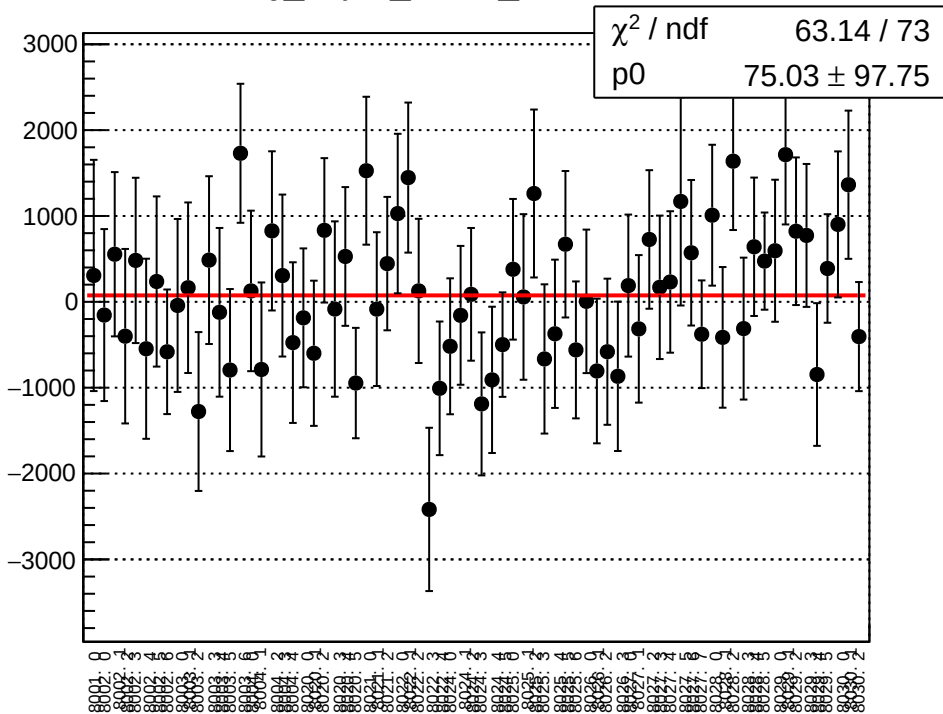
# asym\_sam6\_correction\_mean vs run



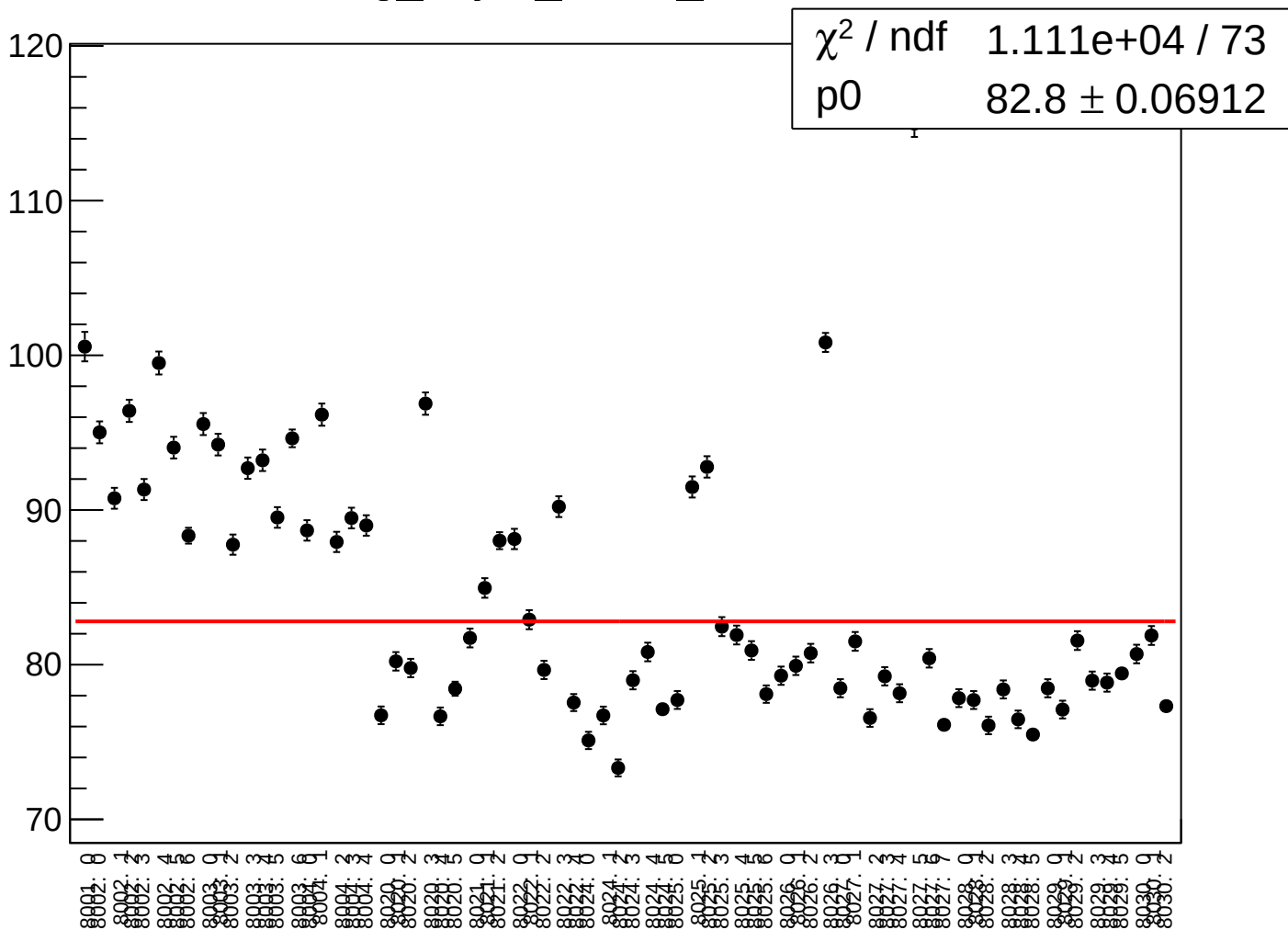
# asym\_sam6\_correction\_rms vs run



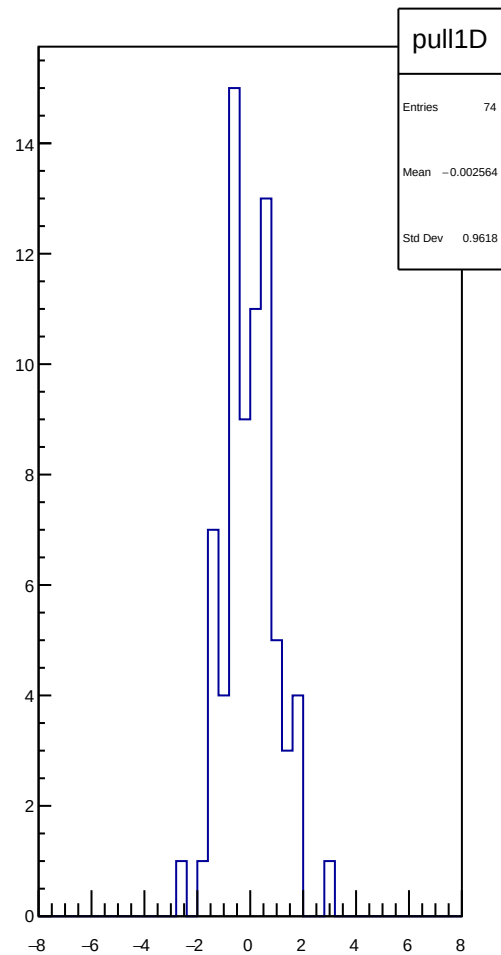
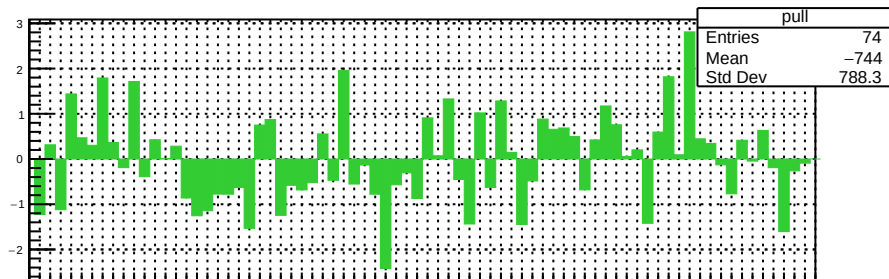
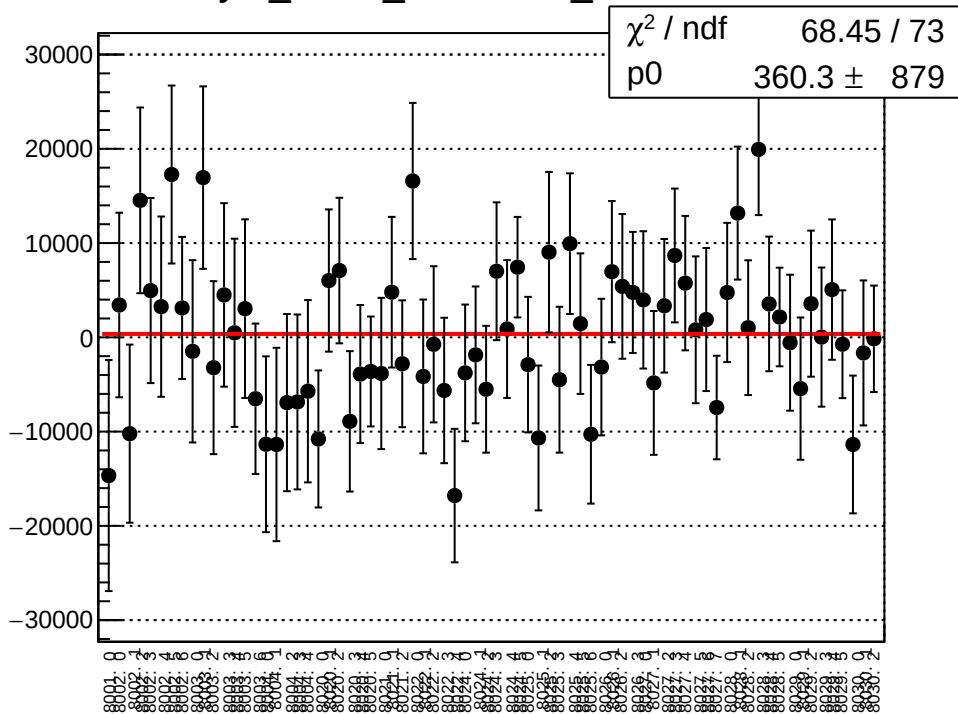
# reg\_asym\_sam7\_mean vs run



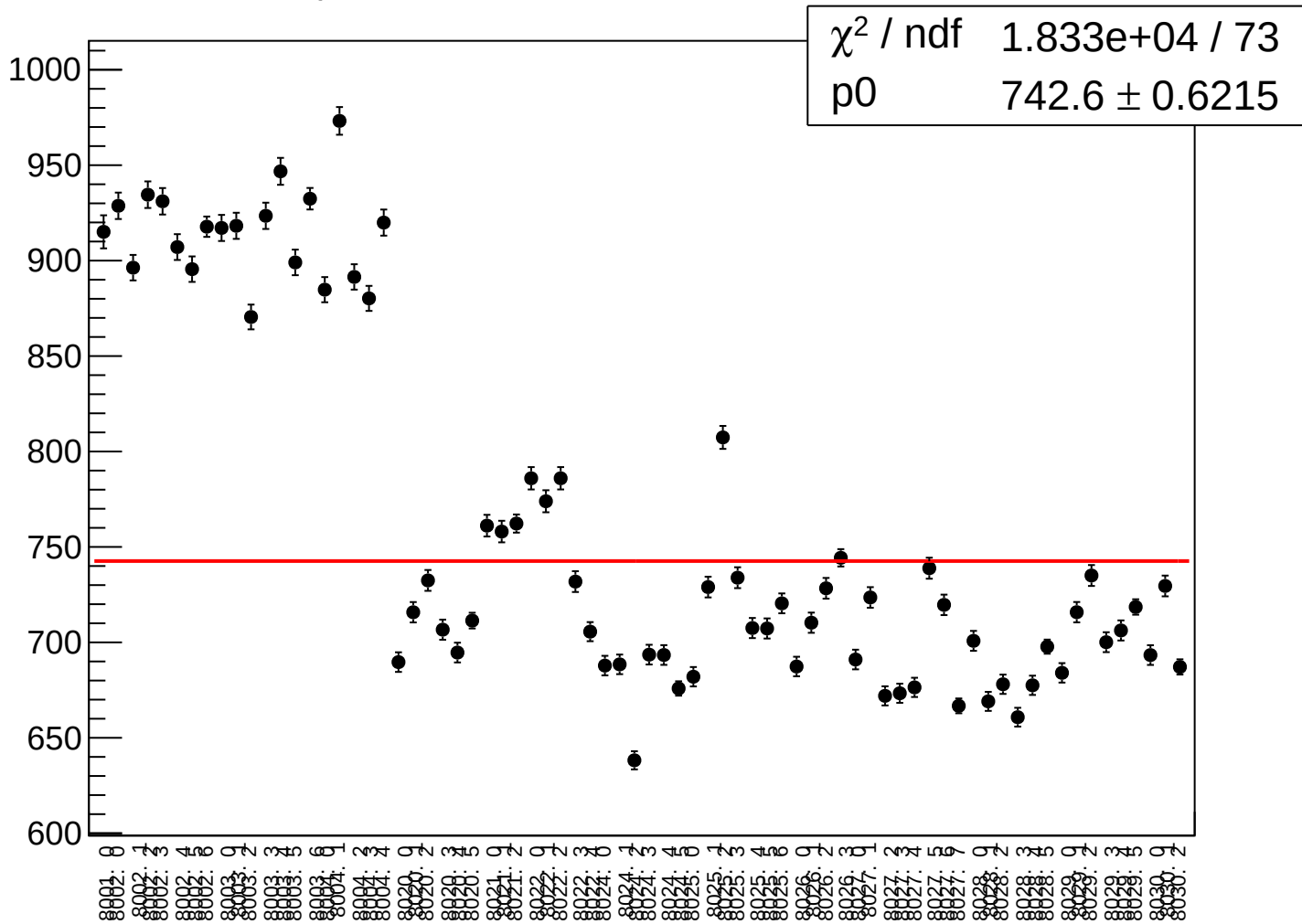
reg\_asym\_sam7\_rms vs run



asym\_sam7\_correction\_mean vs run

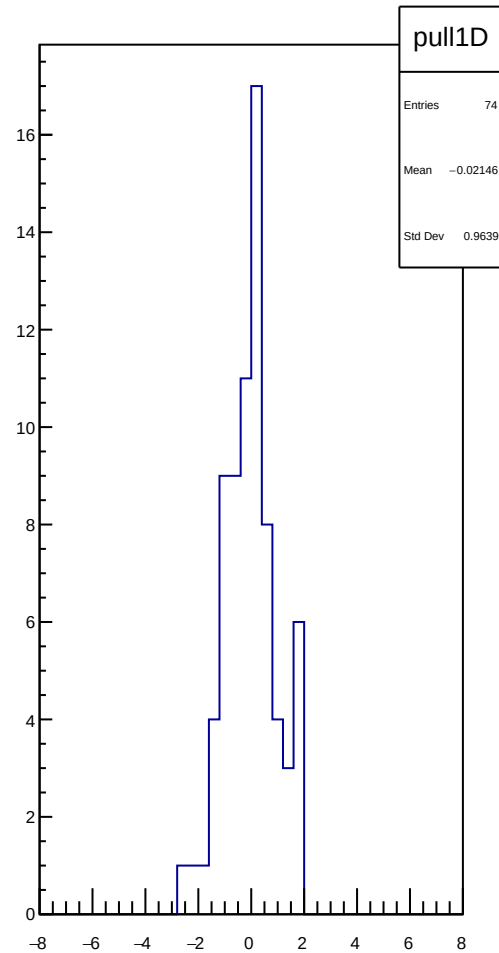
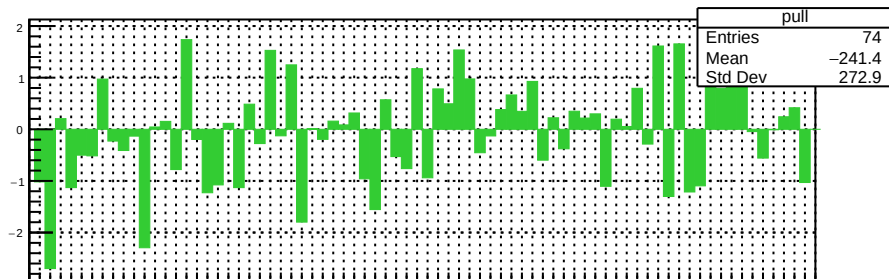
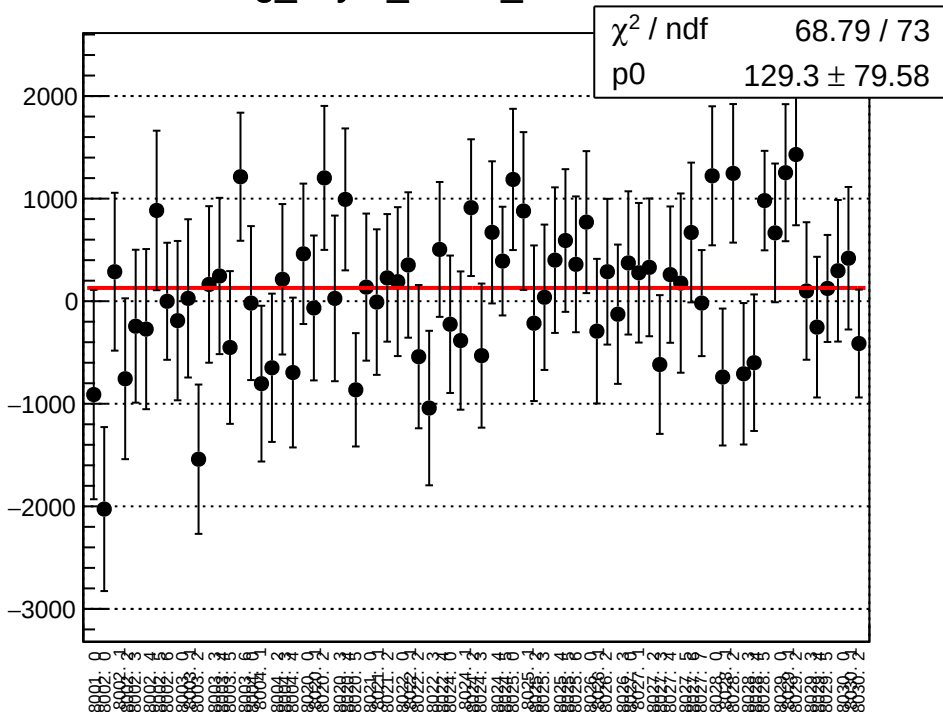


# asym\_sam7\_correction\_rms vs run





# reg\_asym\_sam8\_mean vs run



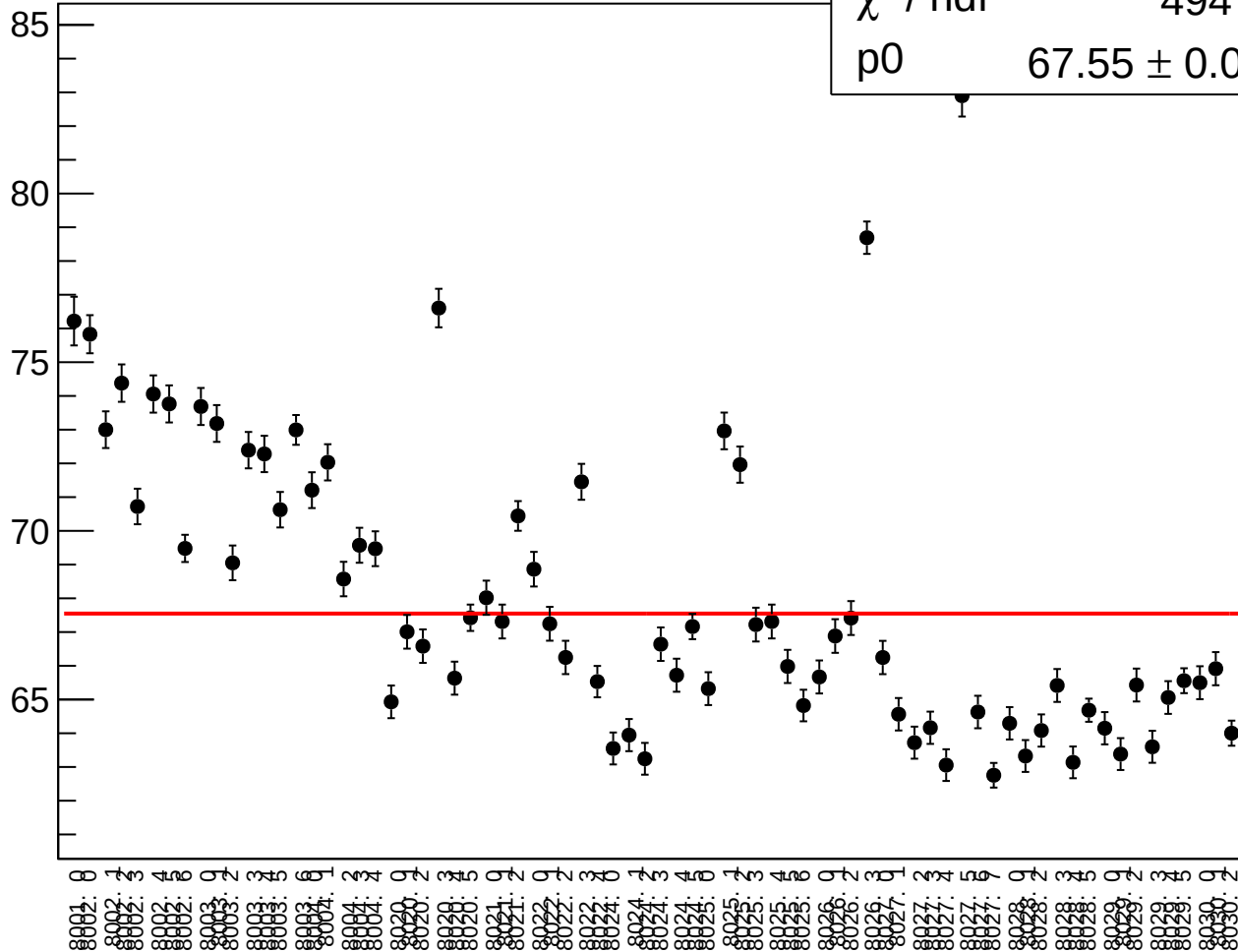
# reg\_asym\_sam8\_rms vs run

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

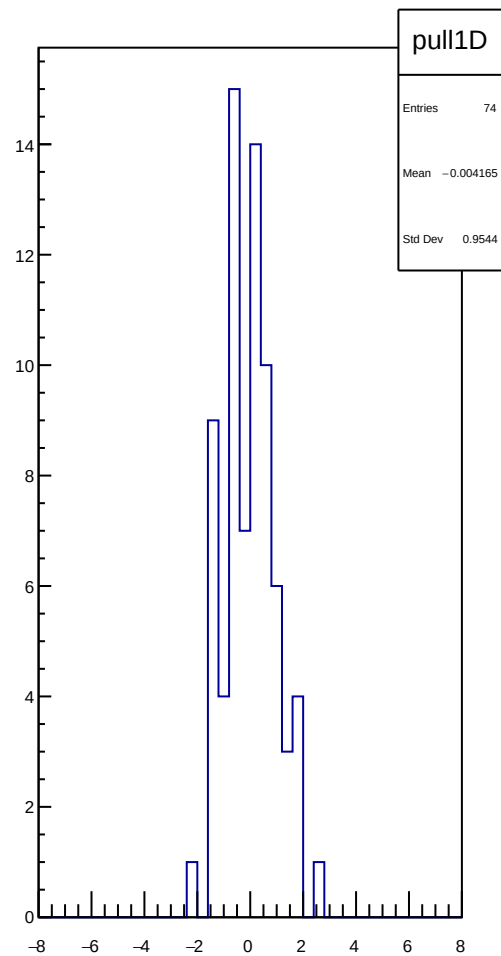
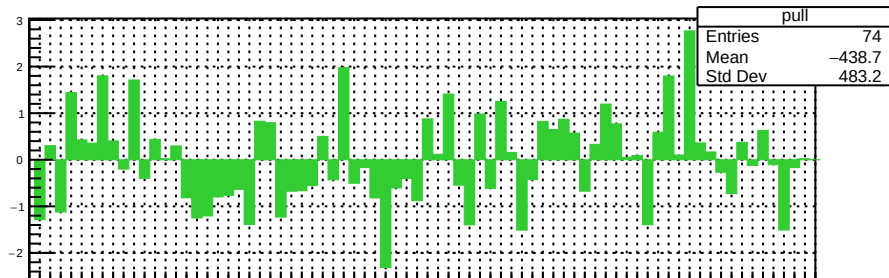
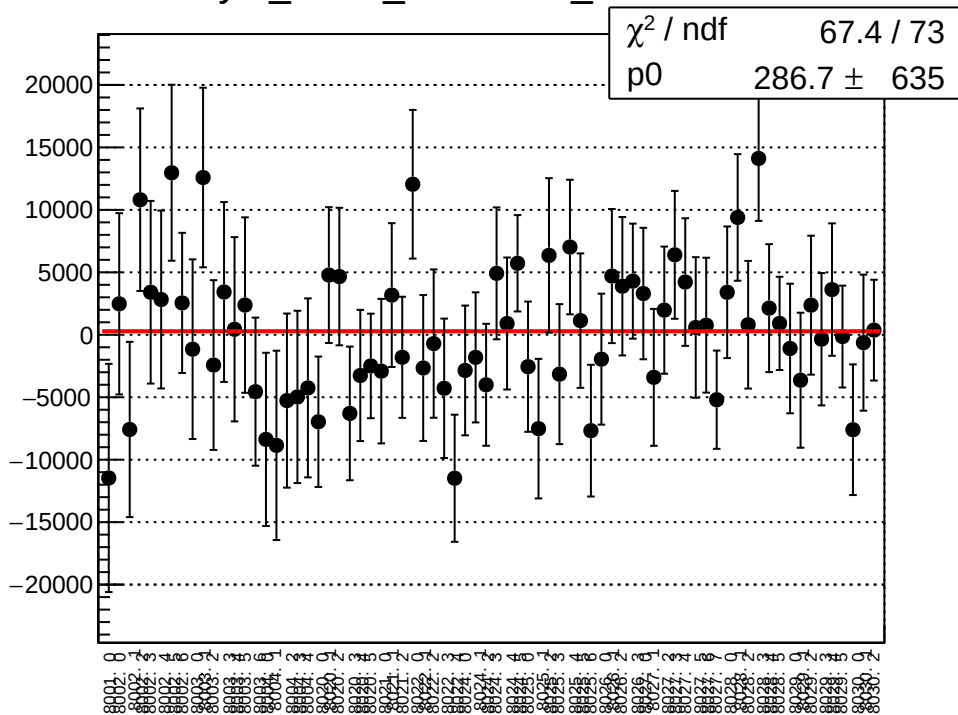
4947 / 73

p0

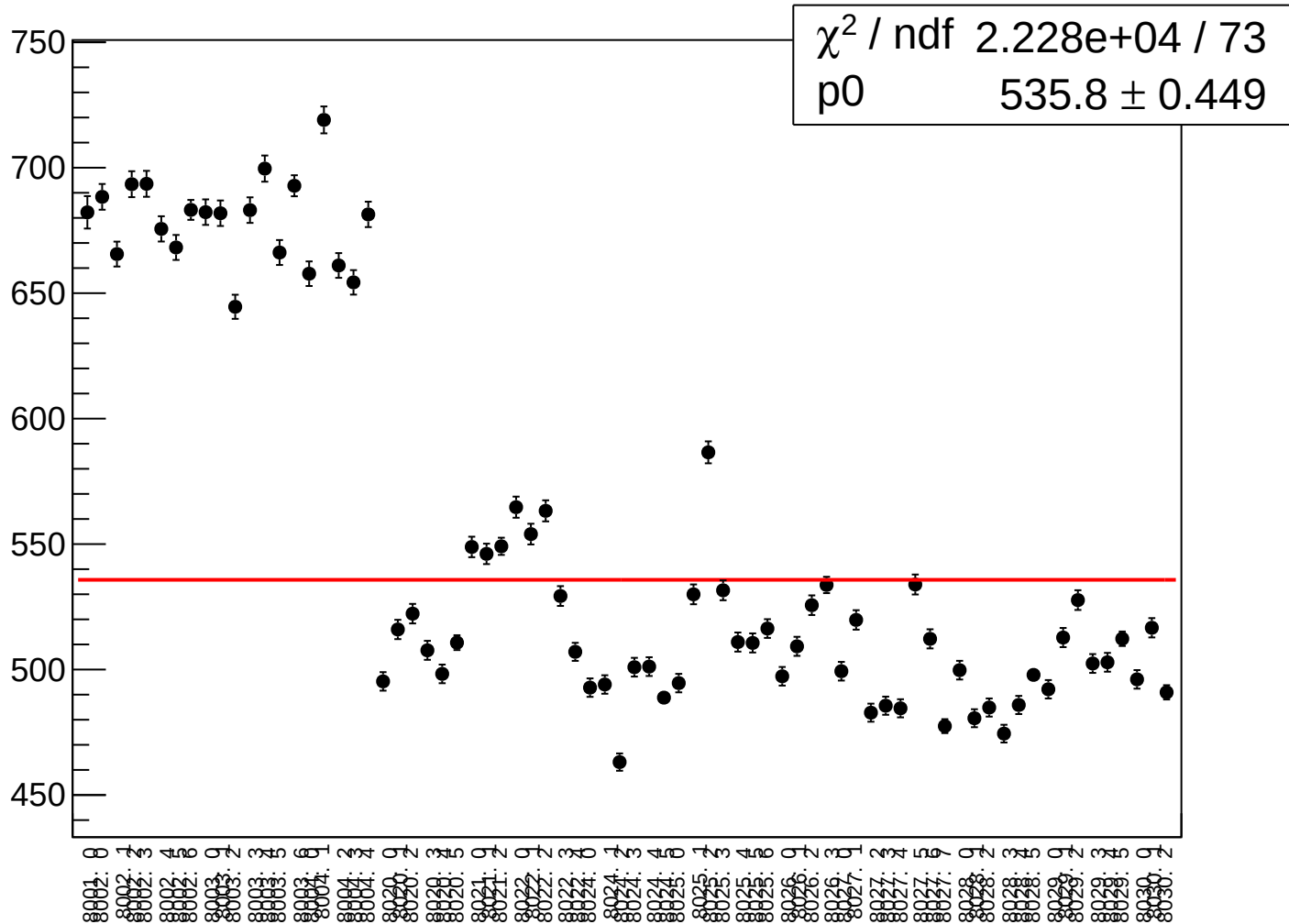
$67.55 \pm 0.05627$



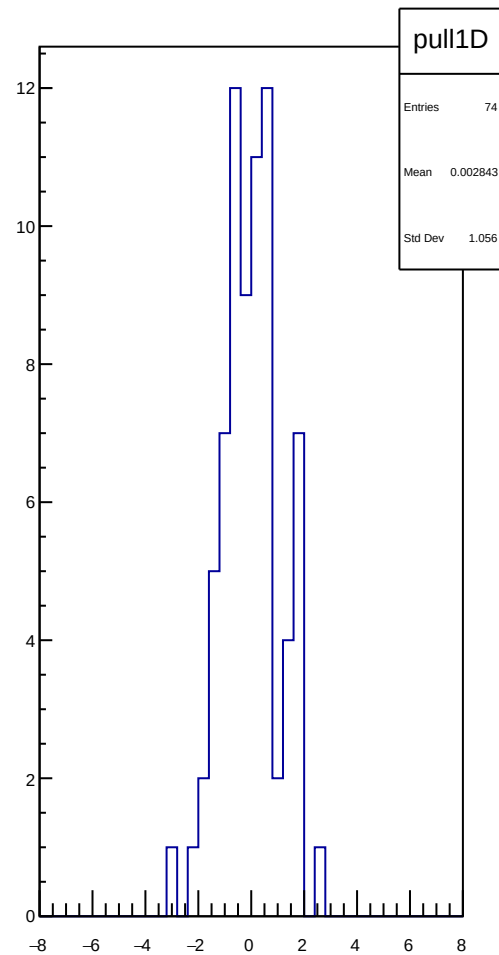
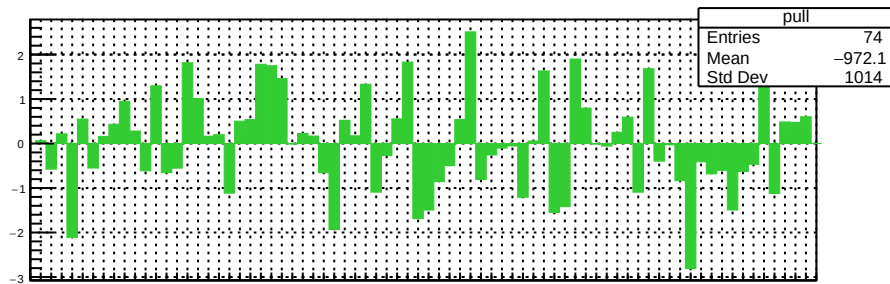
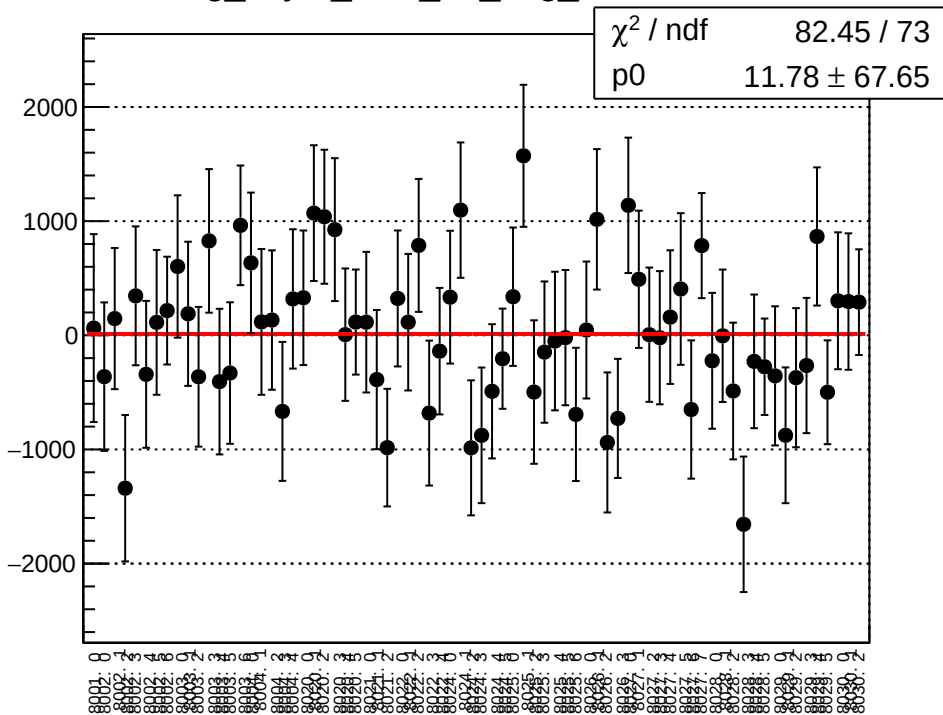
# asym\_sam8\_correction\_mean vs run



# asym\_sam8\_correction\_rms vs run



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



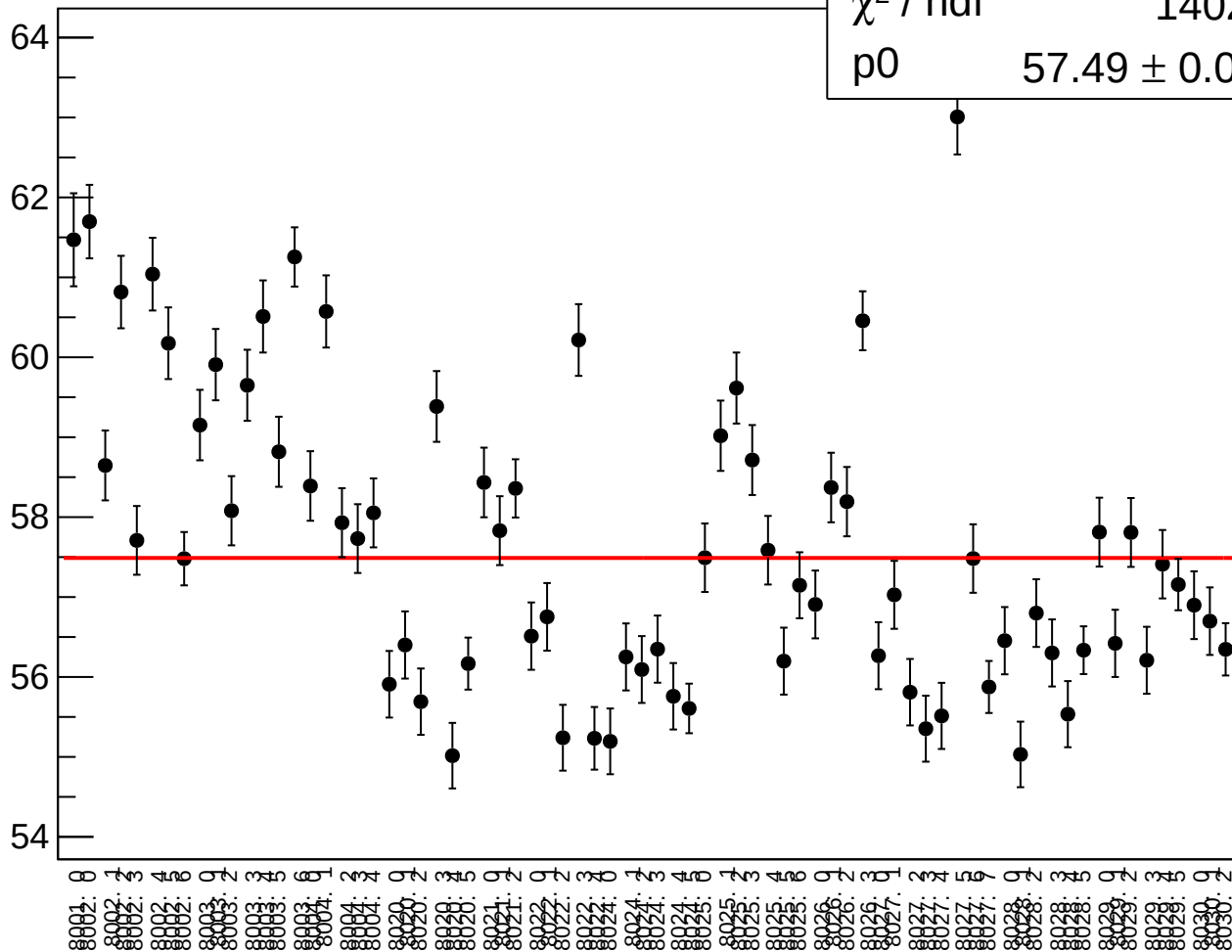
# reg\_asym\_sam\_15\_avg\_rms vs run

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

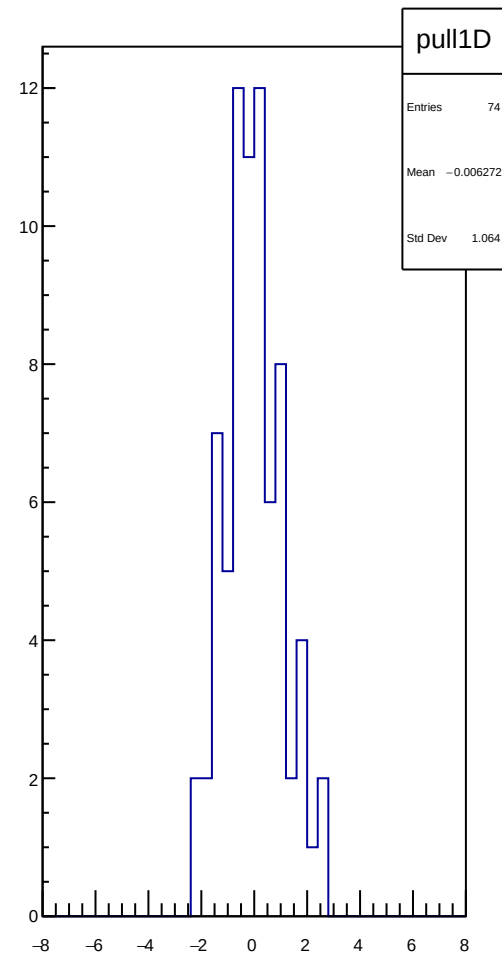
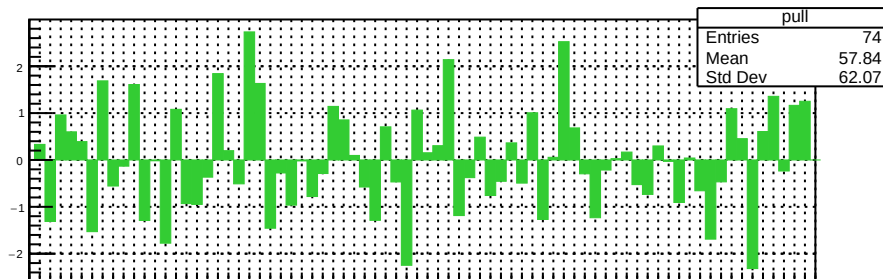
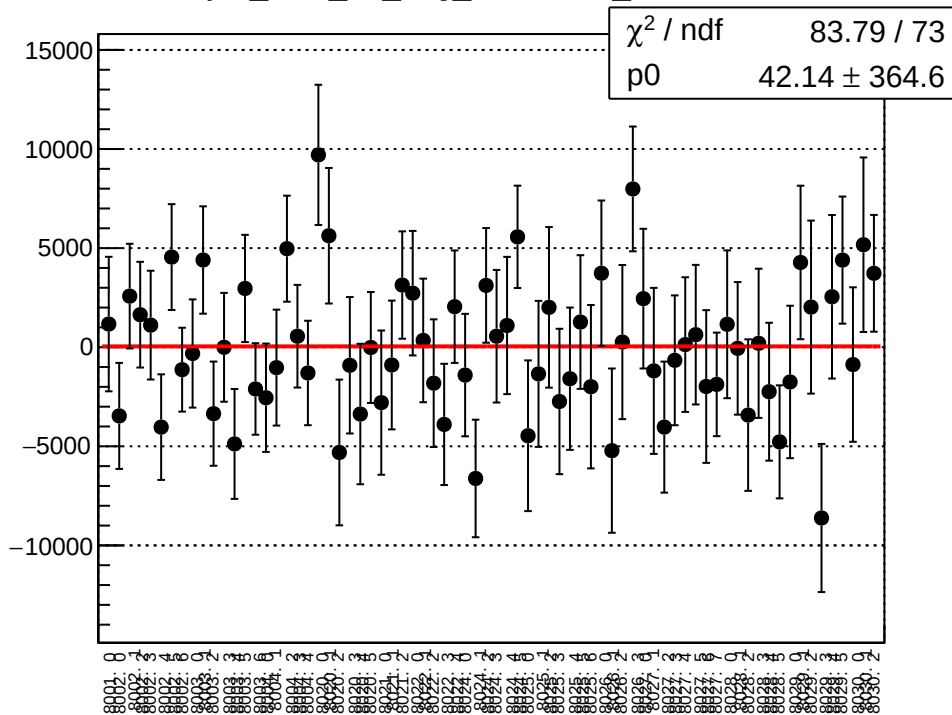
1402 / 73

p0

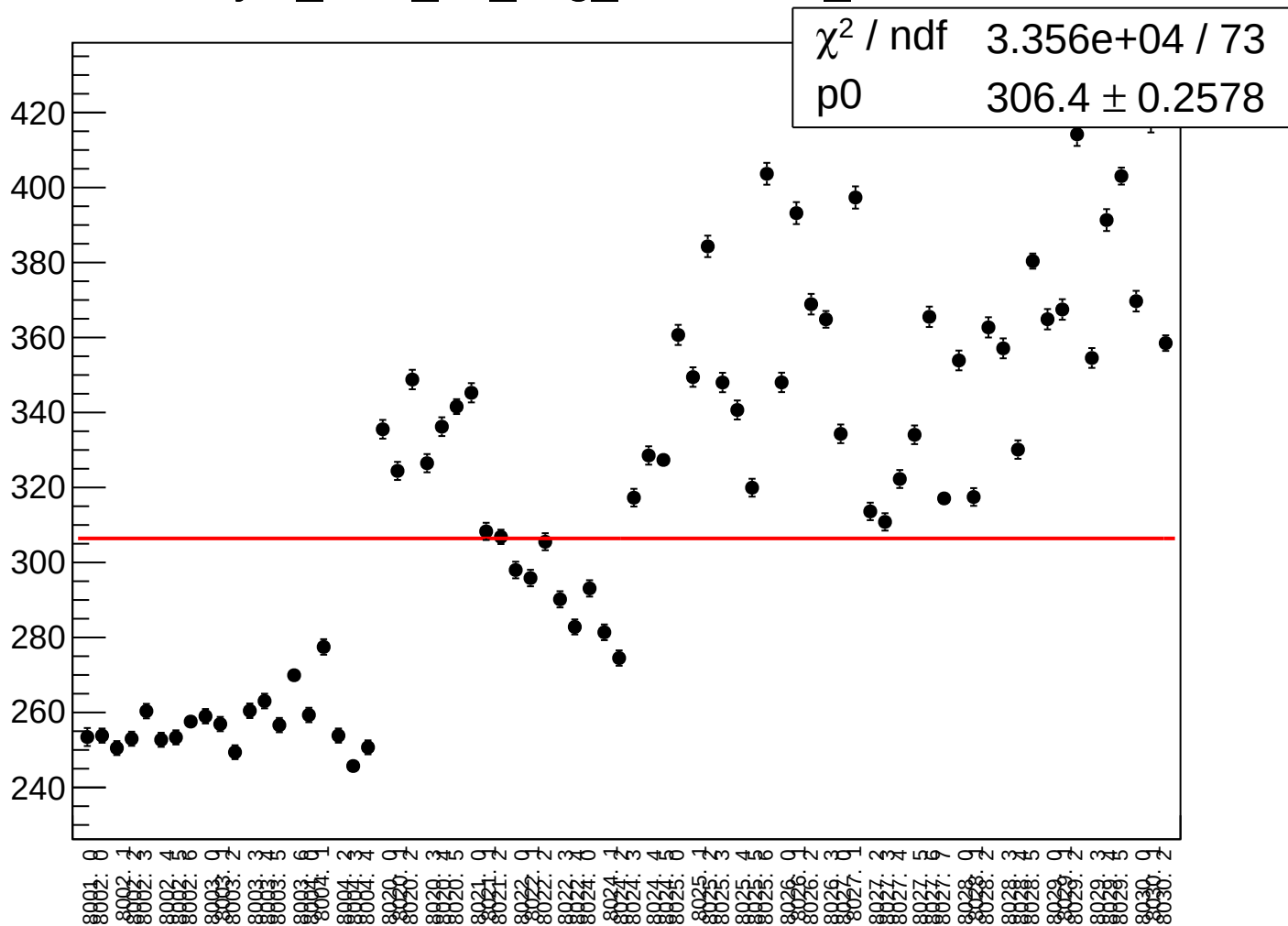
$57.49 \pm 0.04783$



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

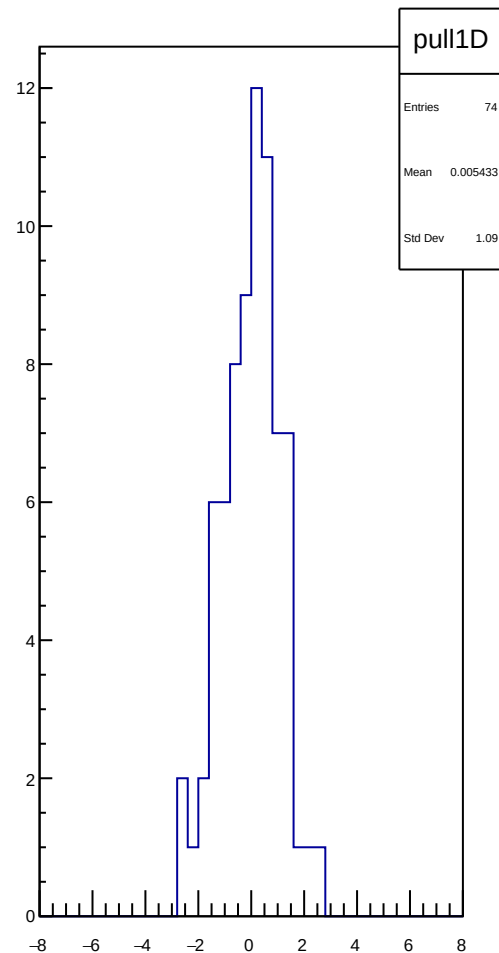
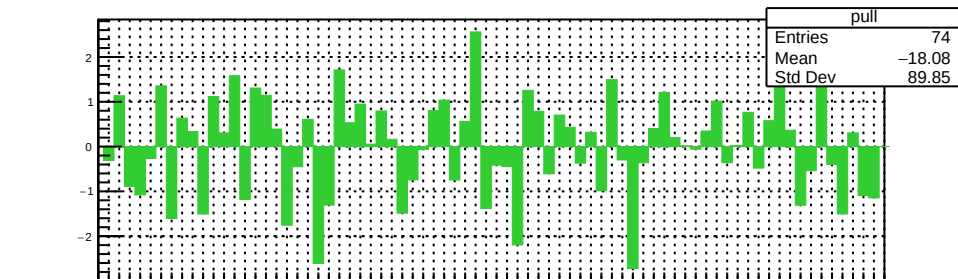
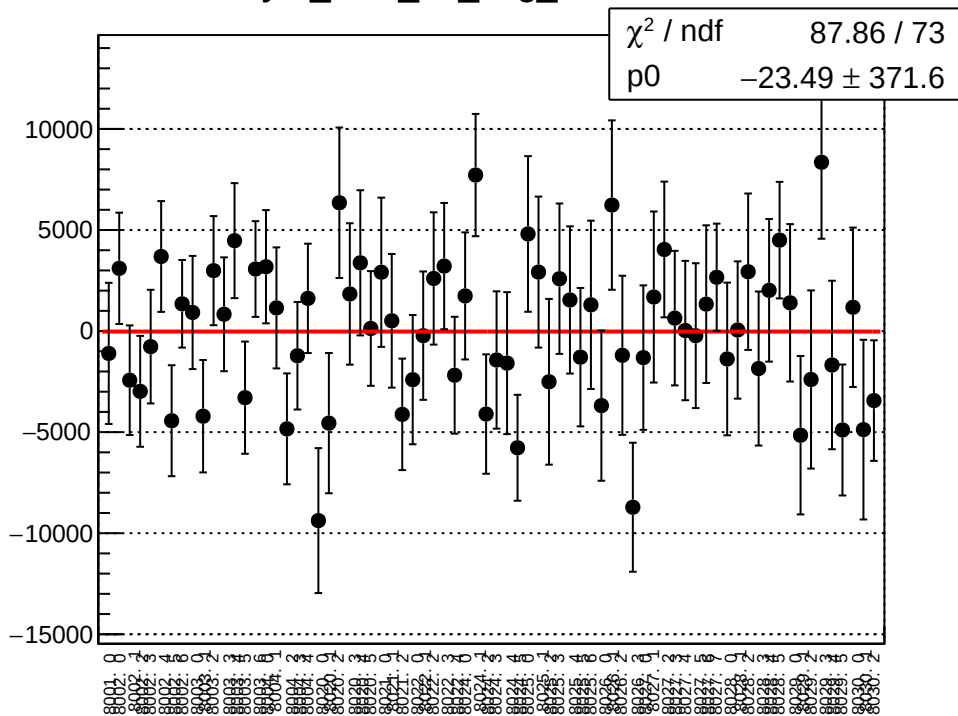


asym\_sam\_15\_avg\_correction\_rms vs run

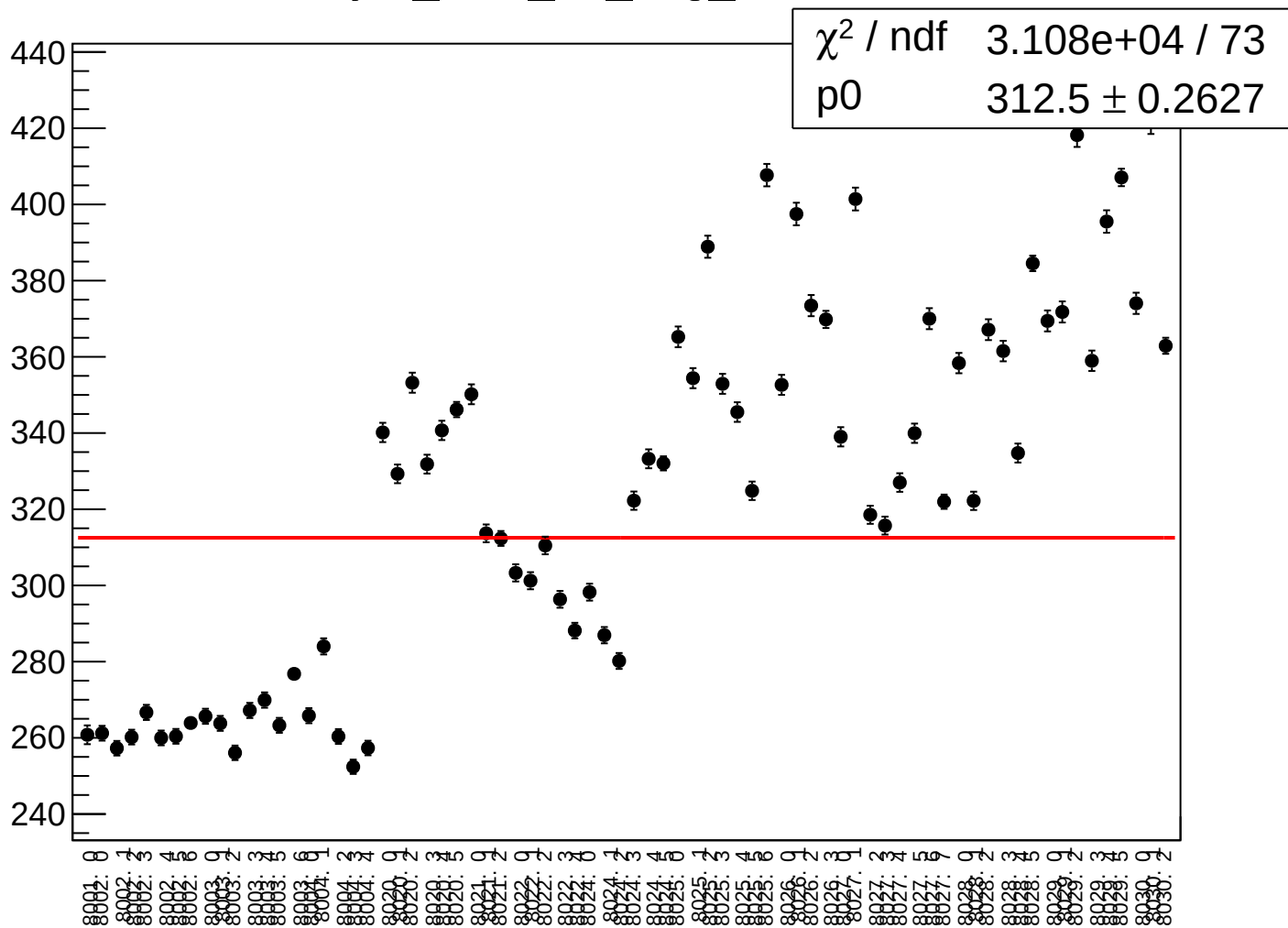




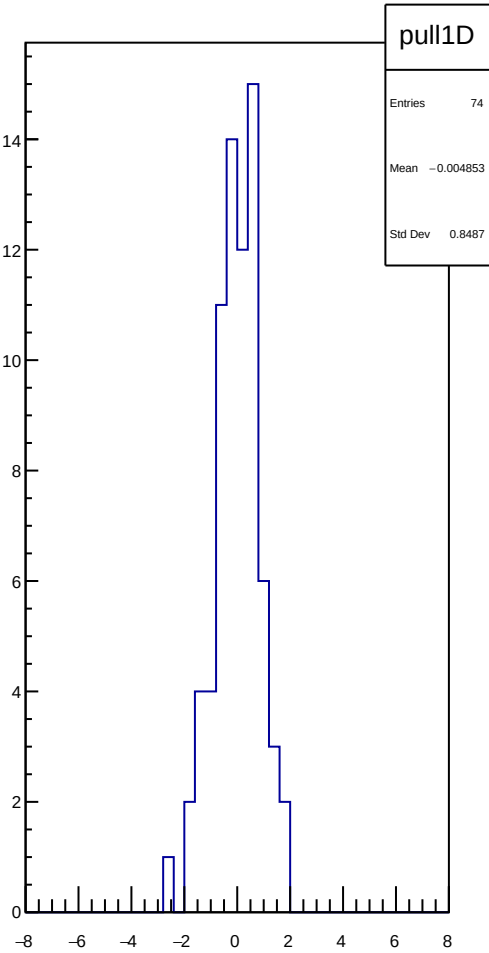
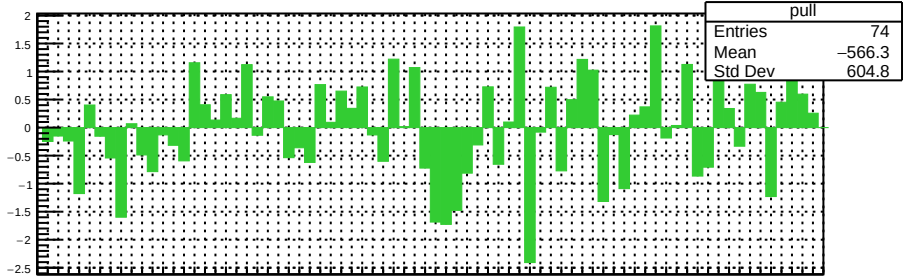
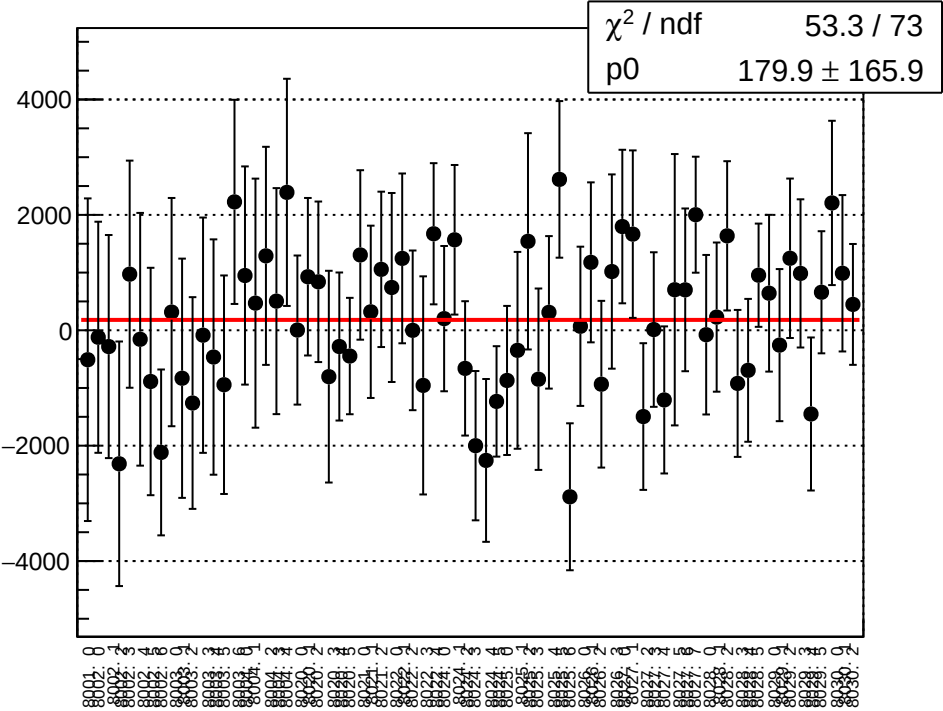
# asym\_sam\_15\_avg\_mean vs run



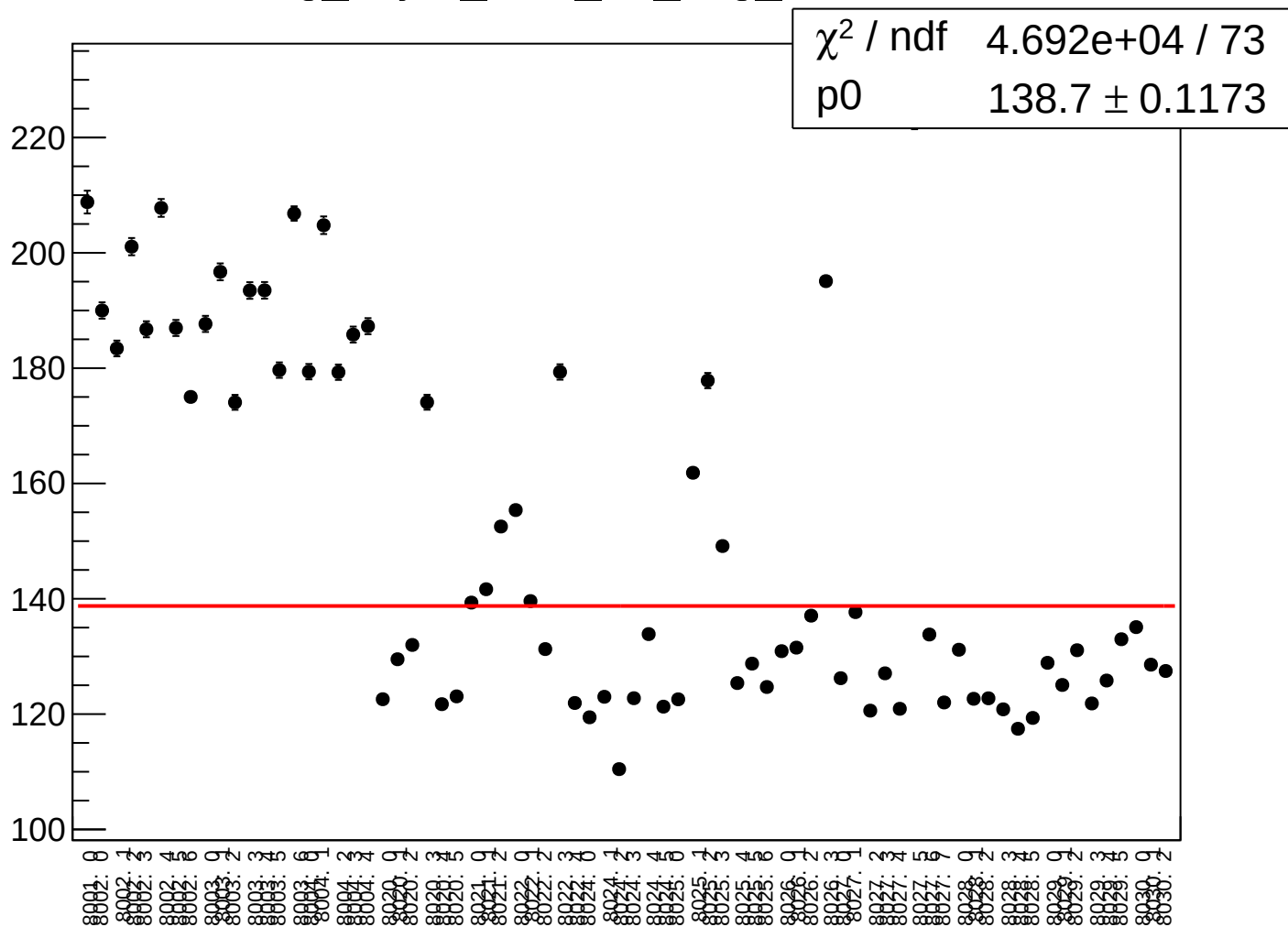
asym\_sam\_15\_avg\_rms vs run



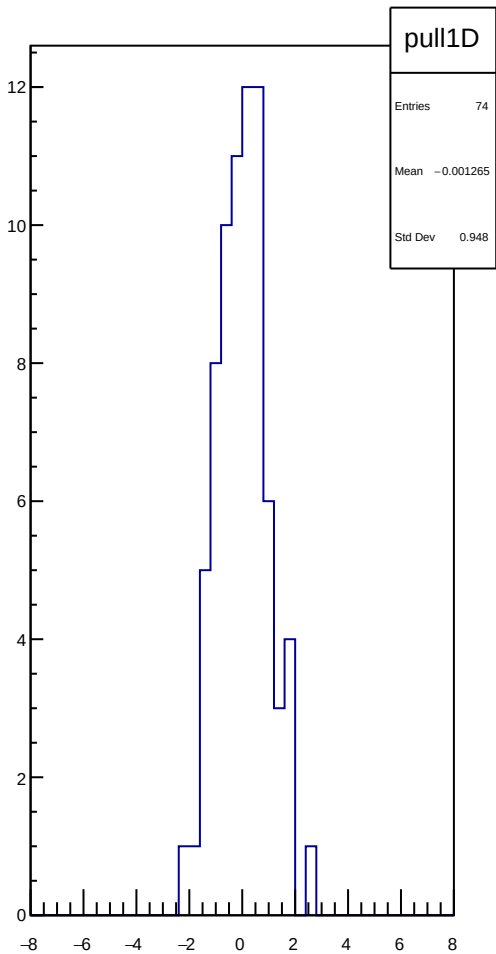
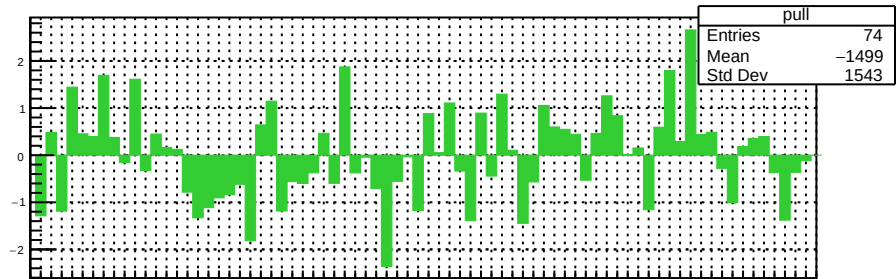
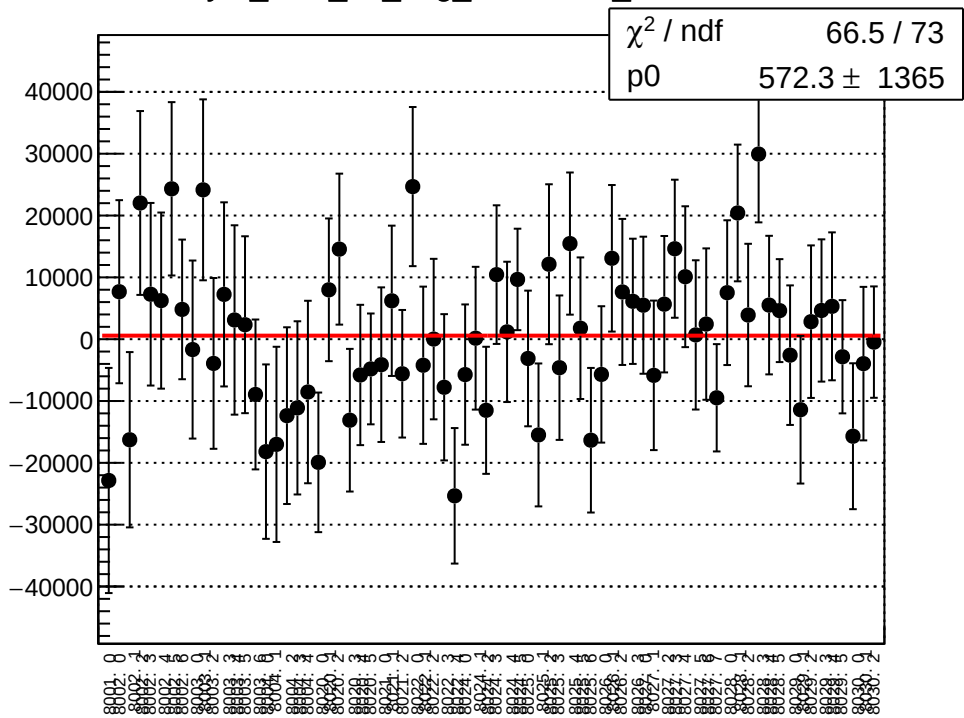
reg\_asym\_sam\_26\_avg\_mean vs run



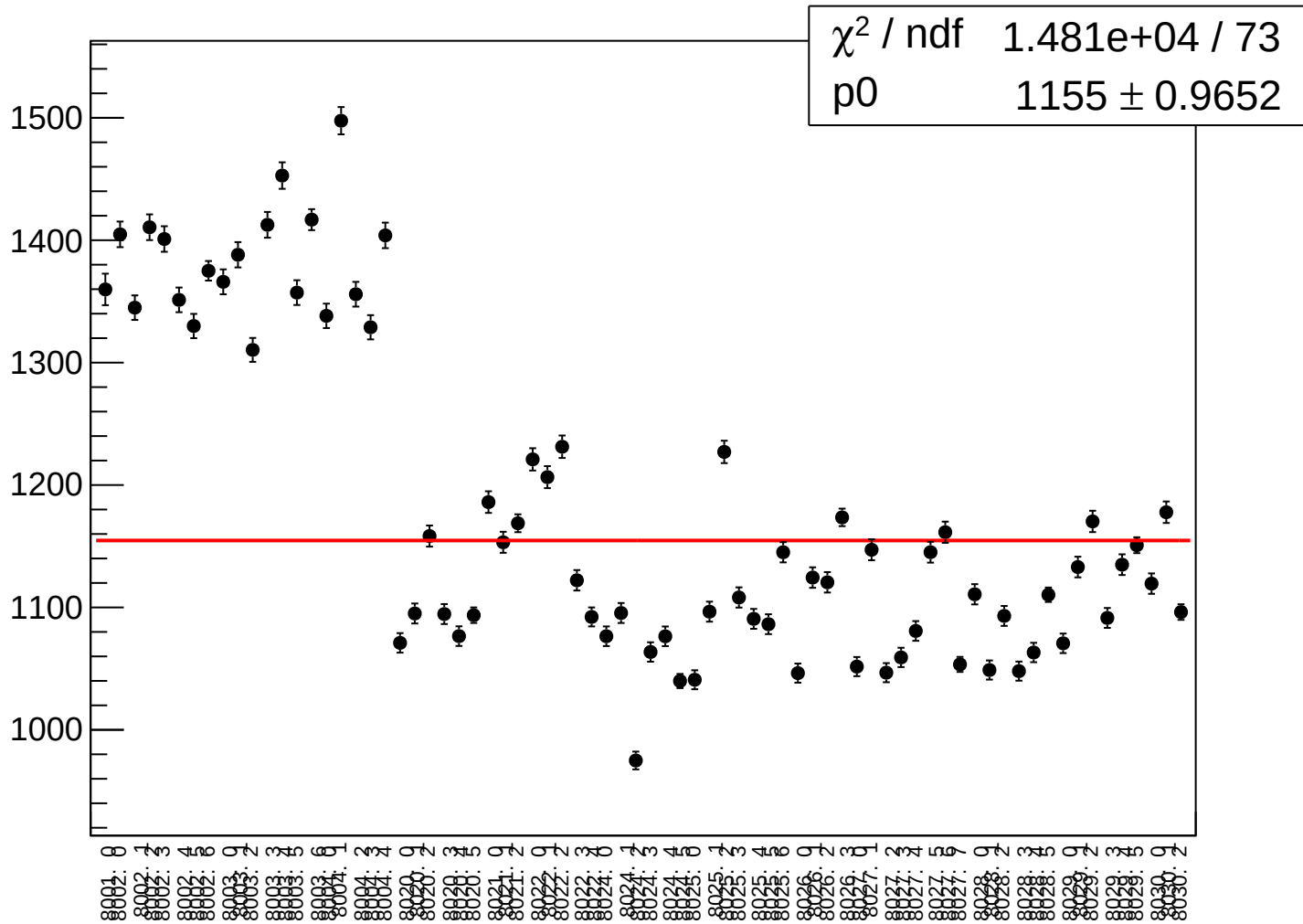
reg\_asym\_sam\_26\_avg\_rms vs run



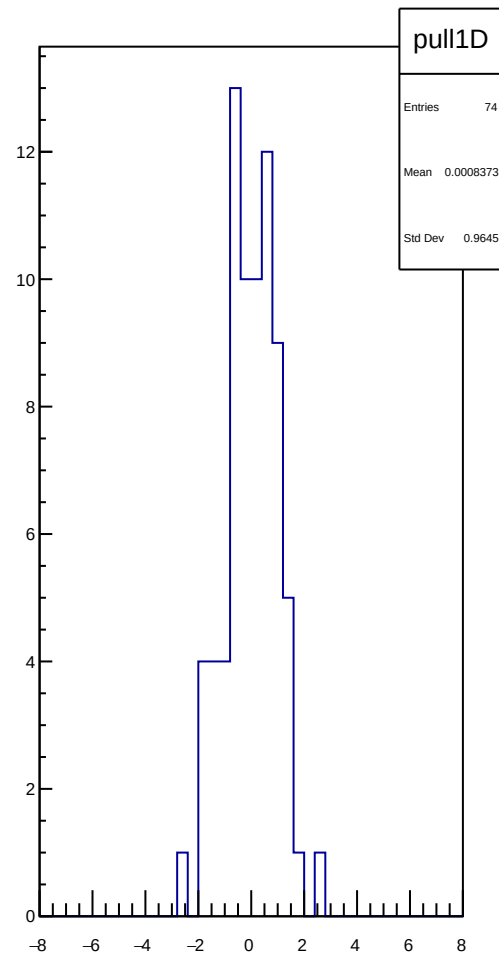
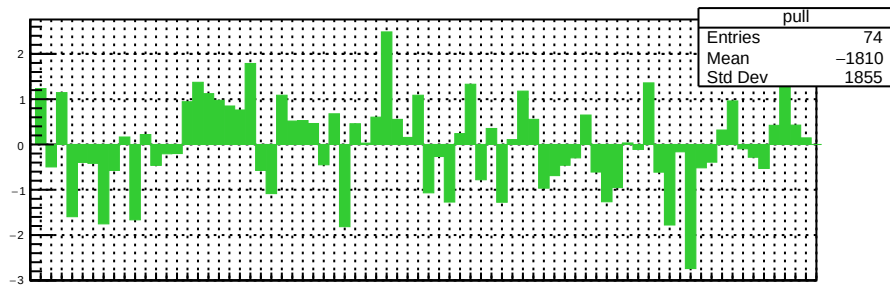
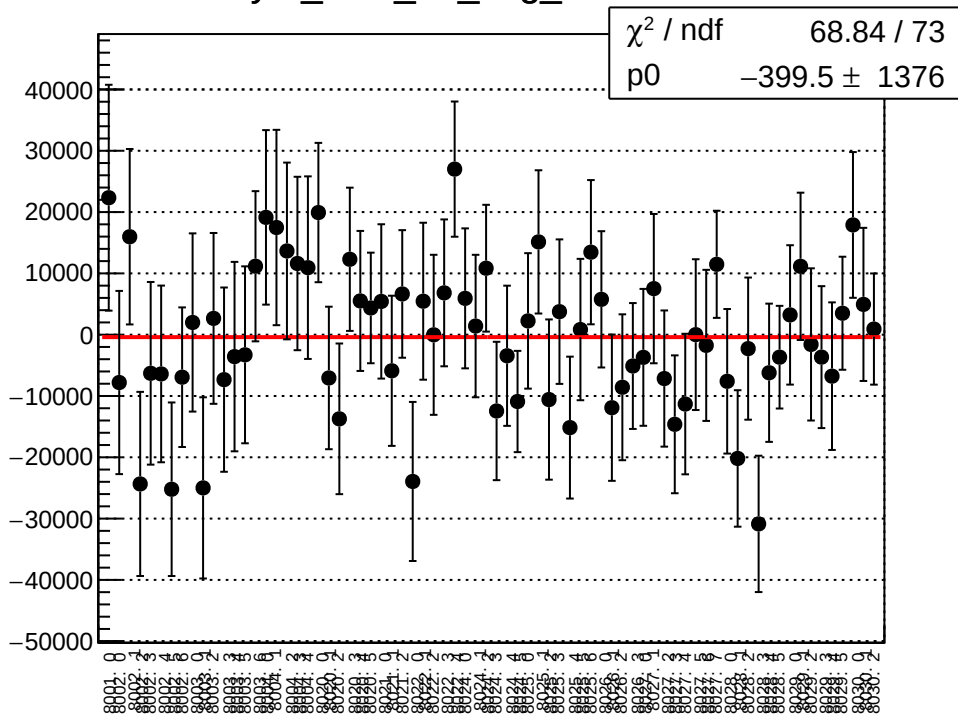
asym\_sam\_26\_avg\_correction\_mean vs run



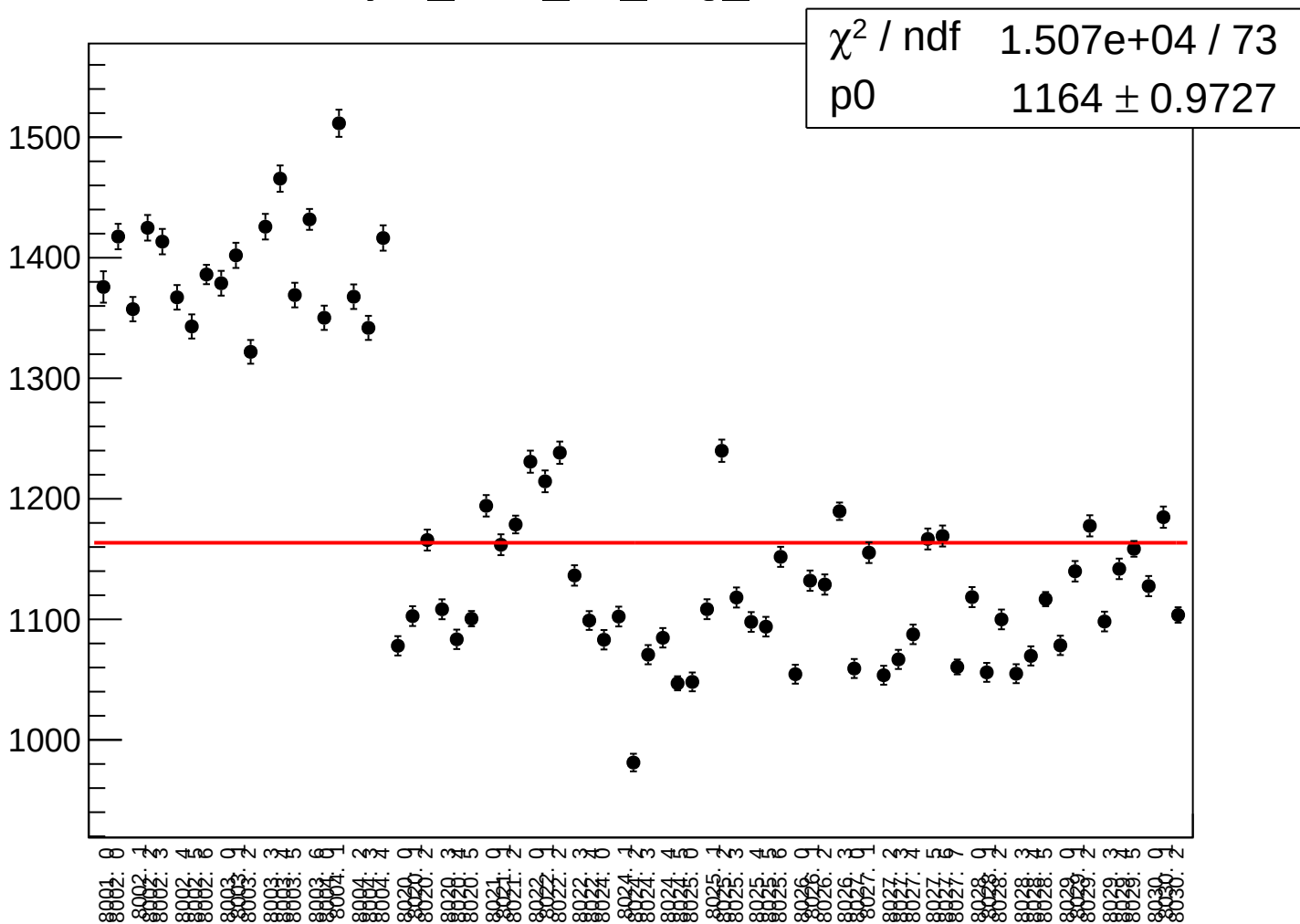
asym\_sam\_26\_avg\_correction\_rms vs run



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

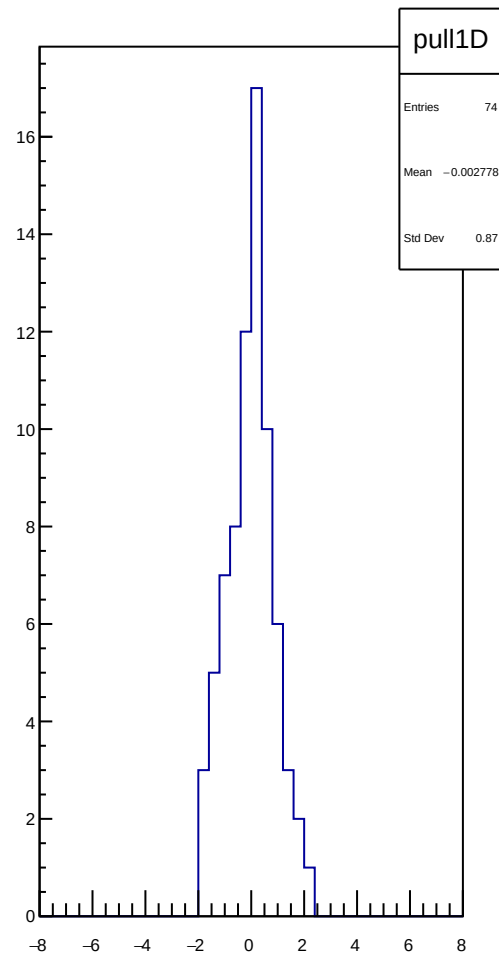
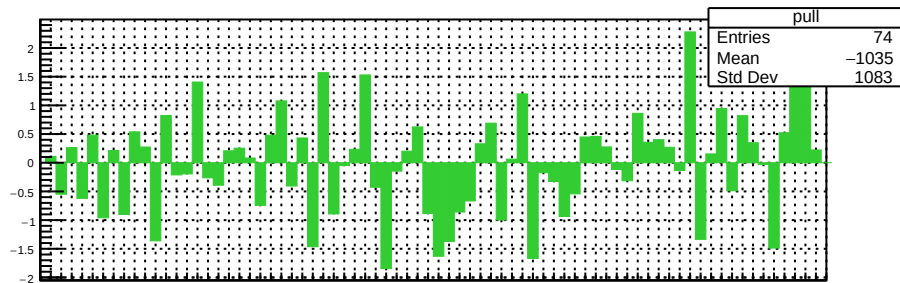
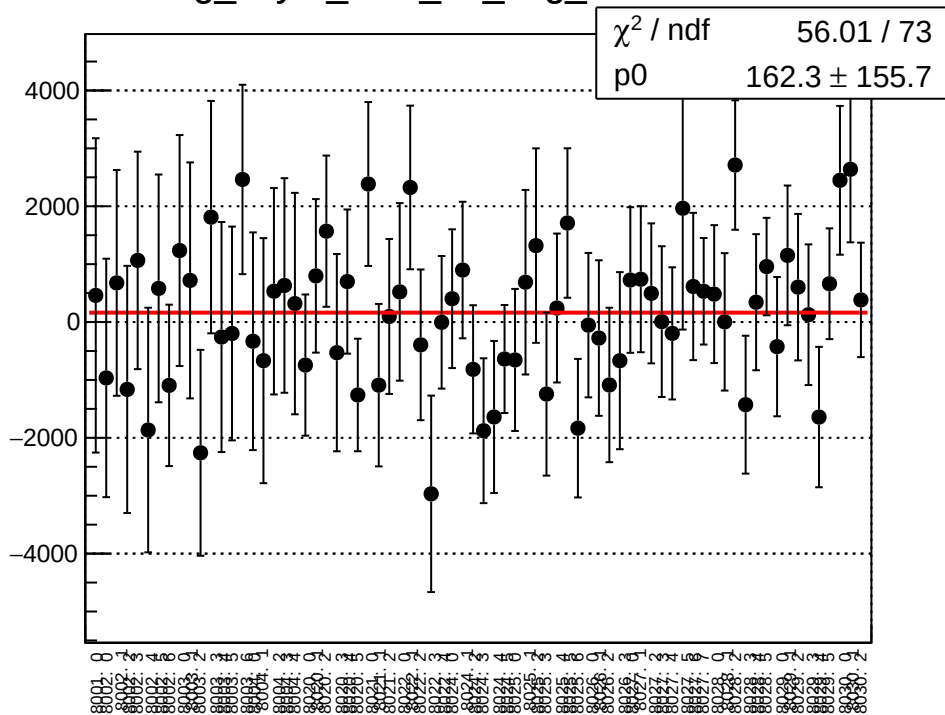


asym\_sam\_26\_avg\_rms vs run

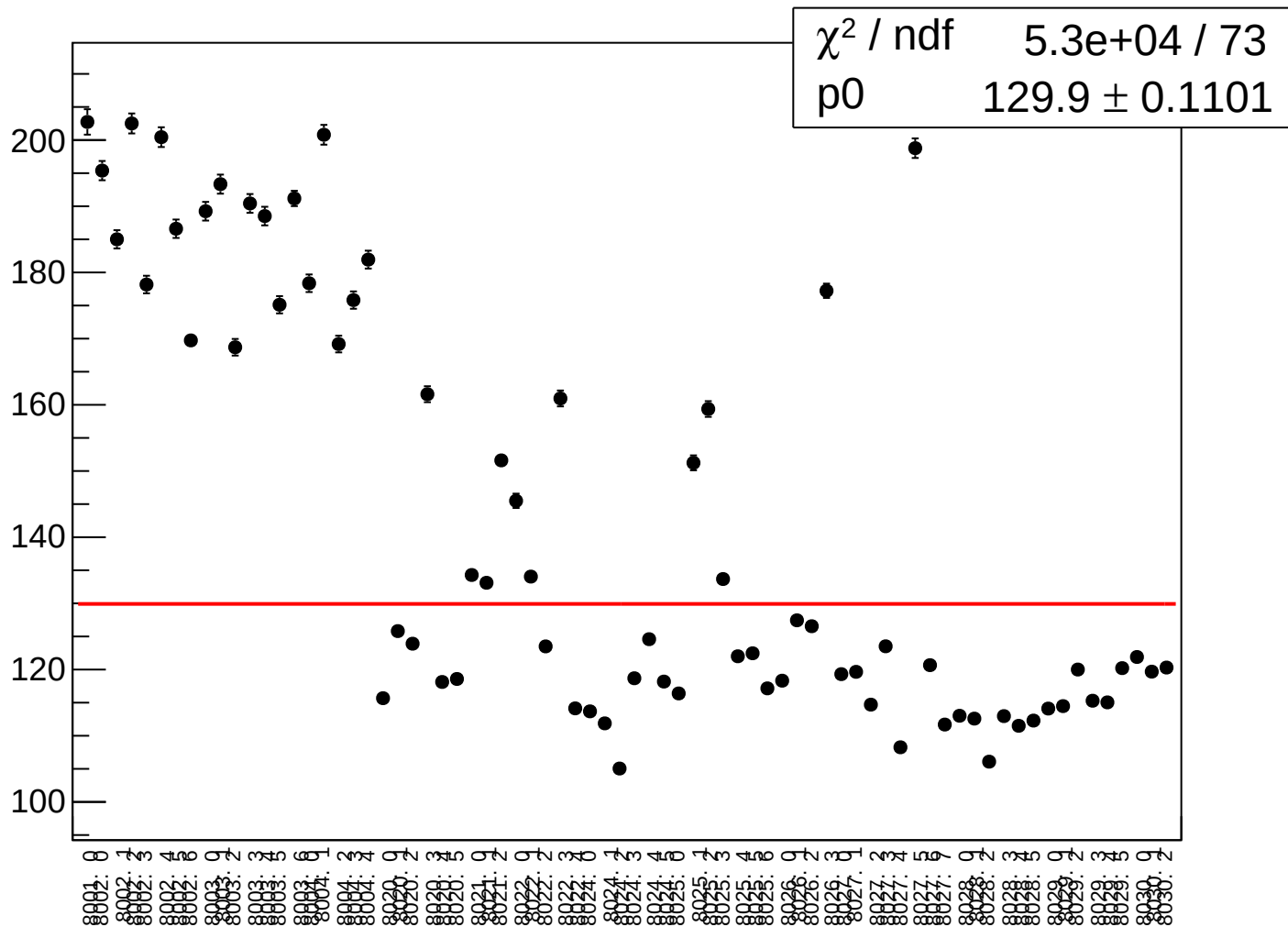




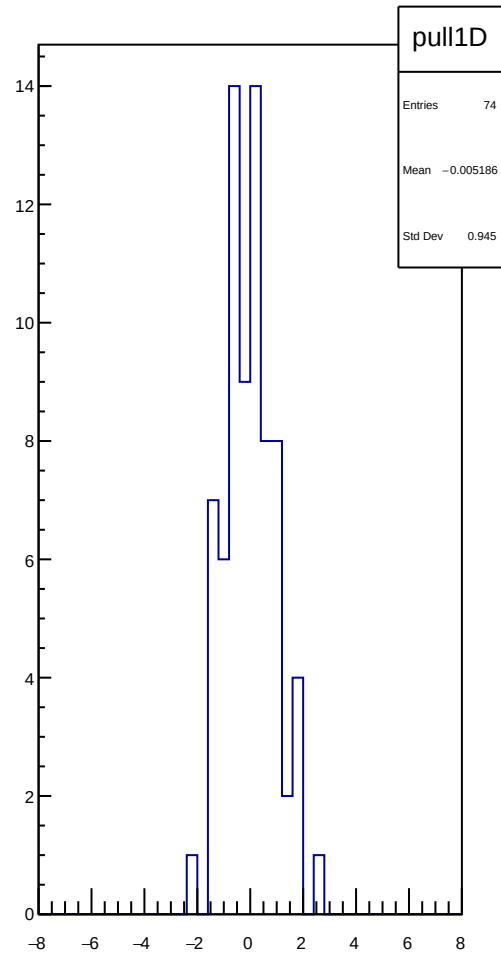
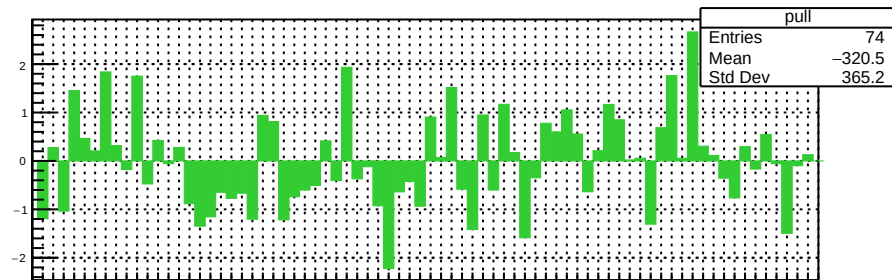
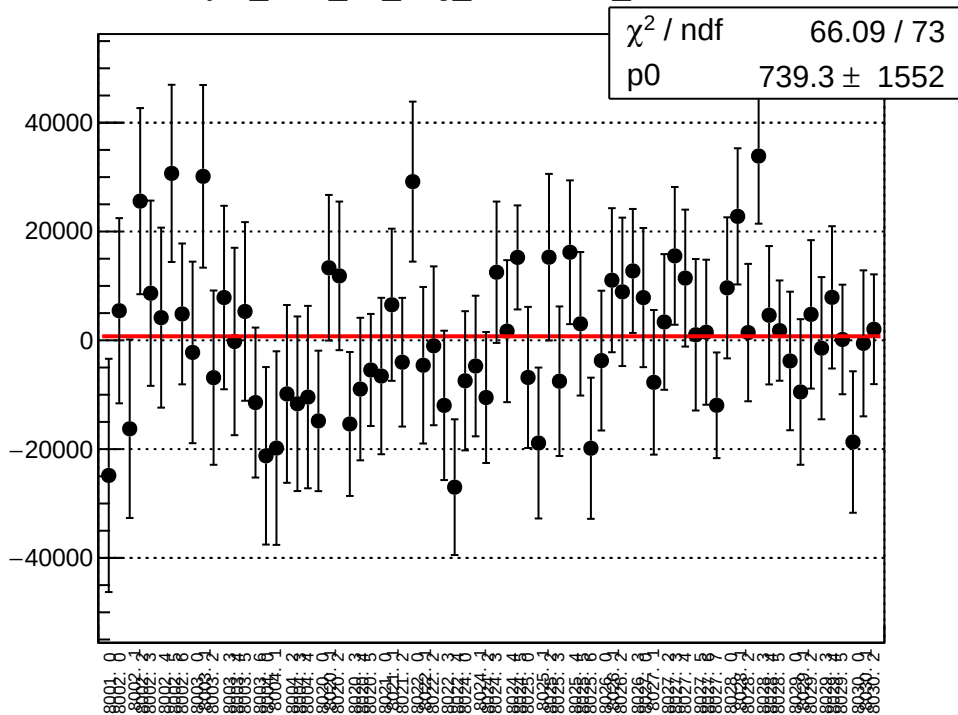
reg\_asym\_sam\_37\_avg\_mean vs run



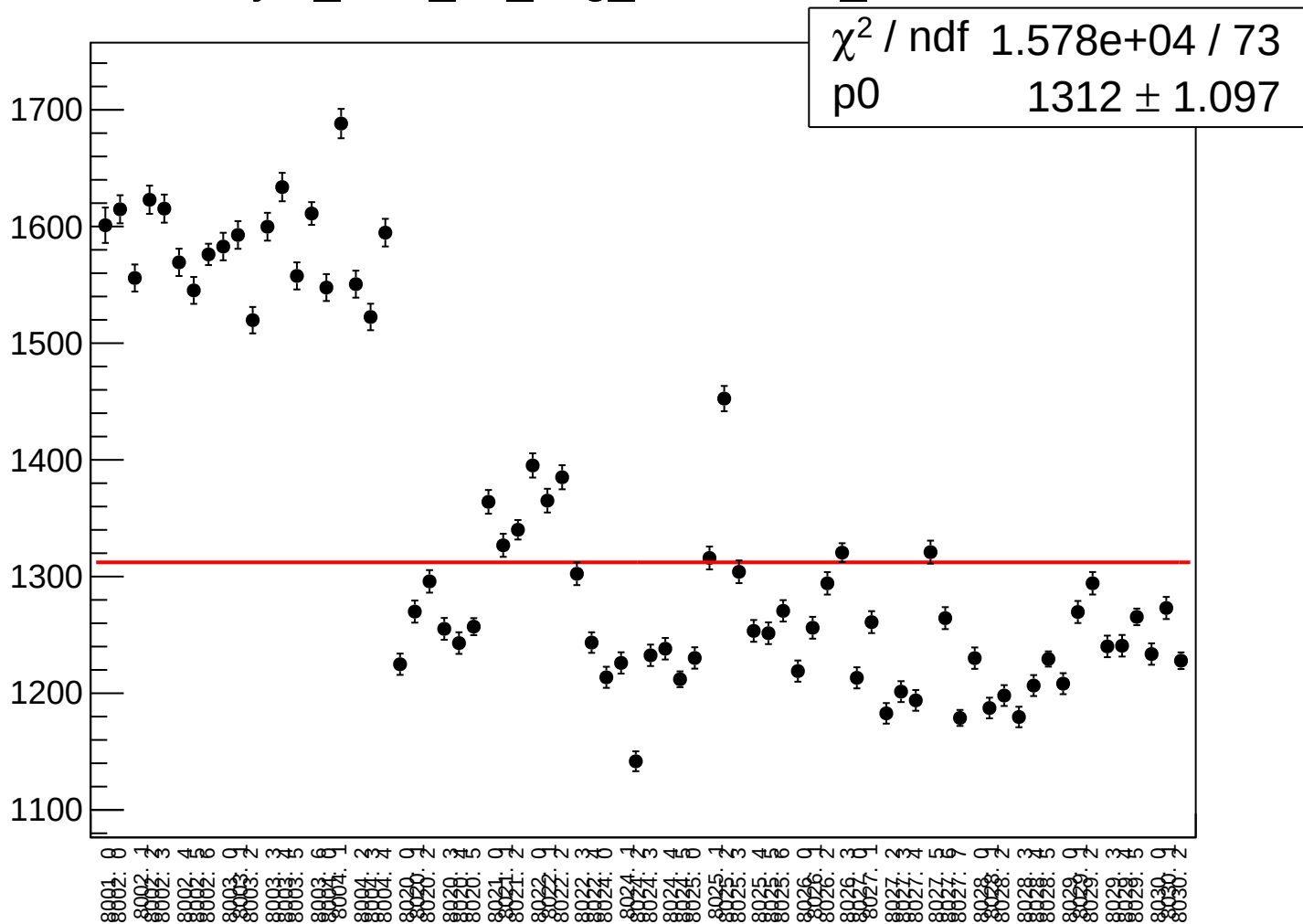
reg\_asym\_sam\_37\_avg\_rms vs run



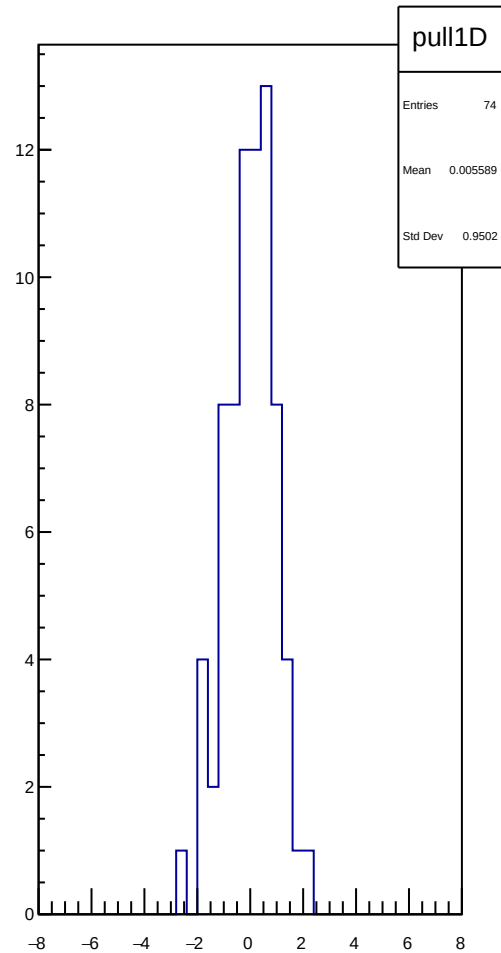
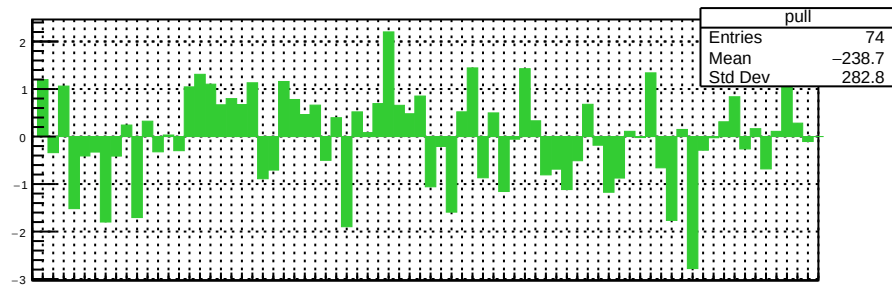
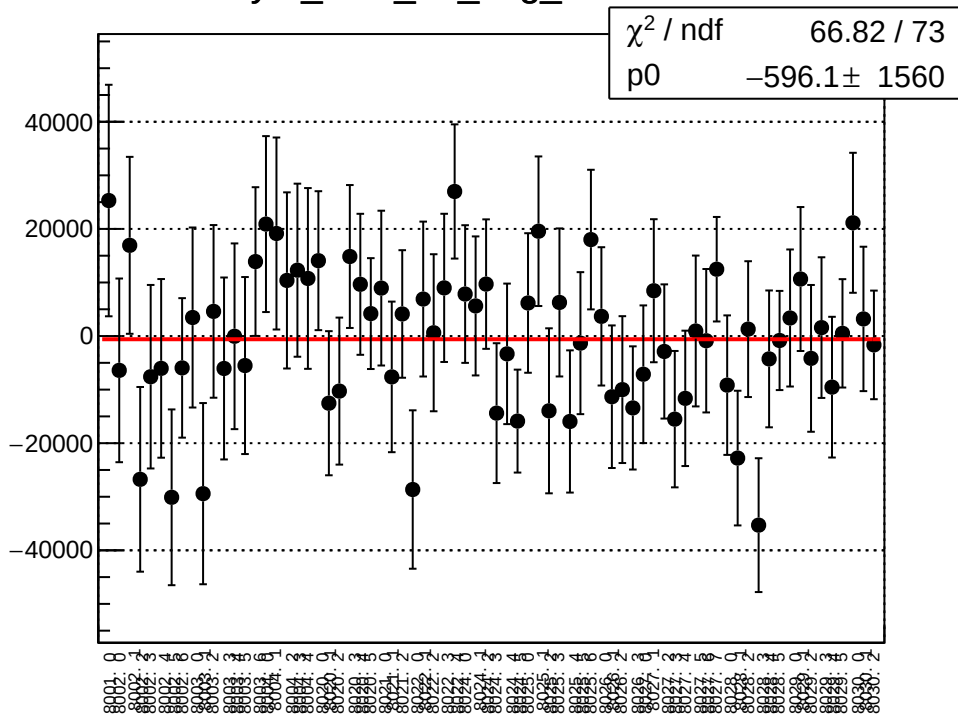
asym\_sam\_37\_avg\_correction\_mean vs run



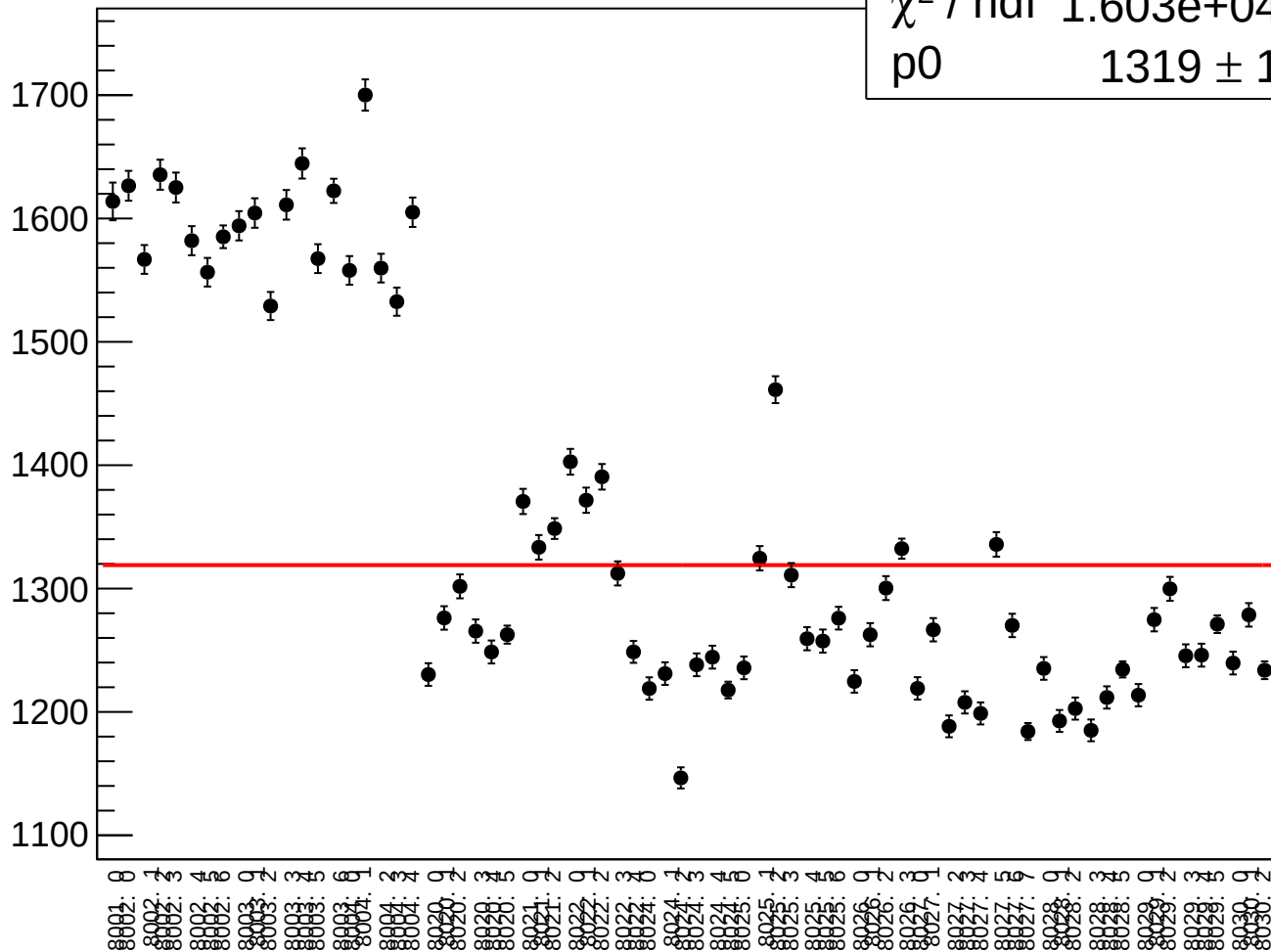
asym\_sam\_37\_avg\_correction\_rms vs run



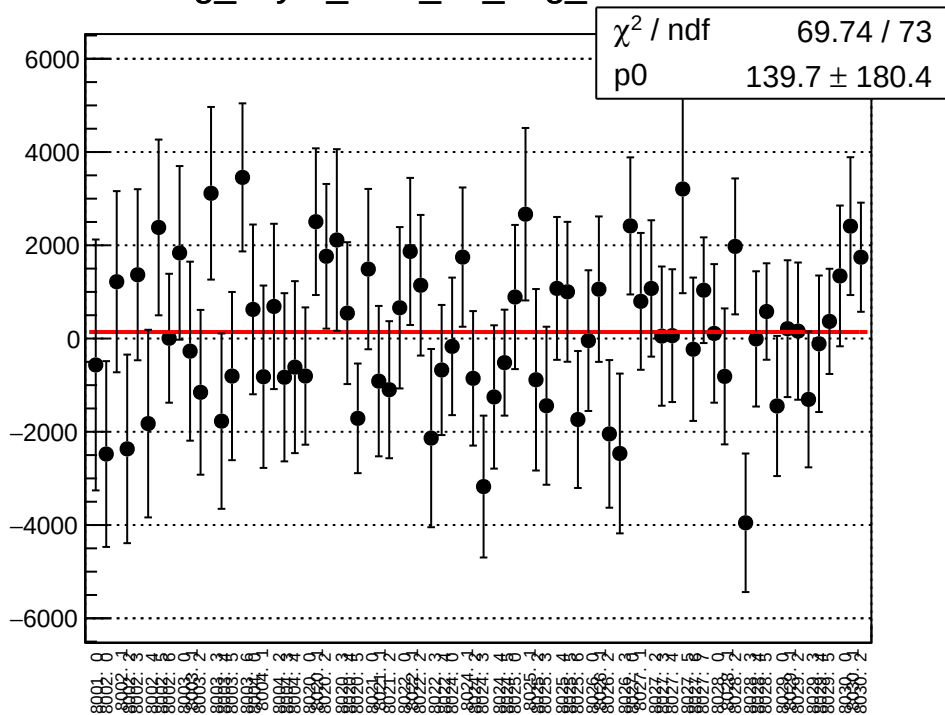
asym\_sam\_37\_avg\_mean vs run



$\chi^2 / \text{ndf}$  1.603e+04 / 73  
p0 1319  $\pm$  1.103

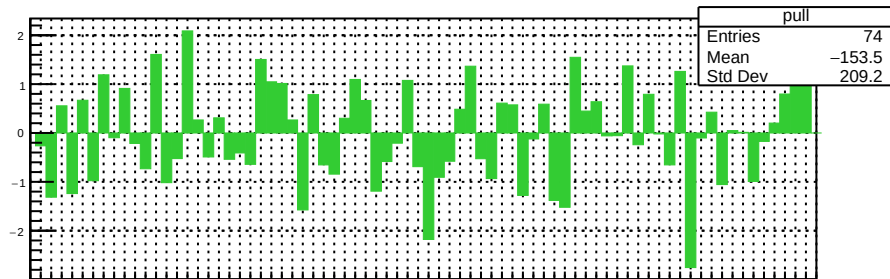
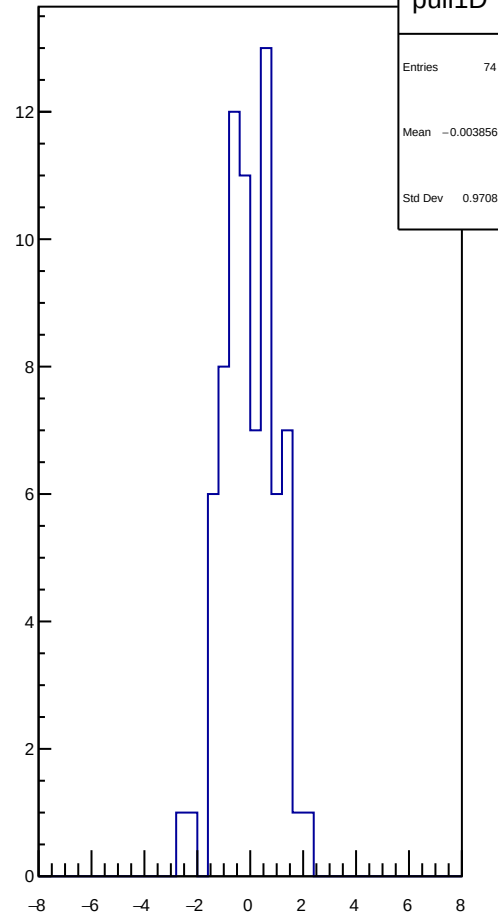


reg\_asym\_sam\_48\_avg\_mean vs run

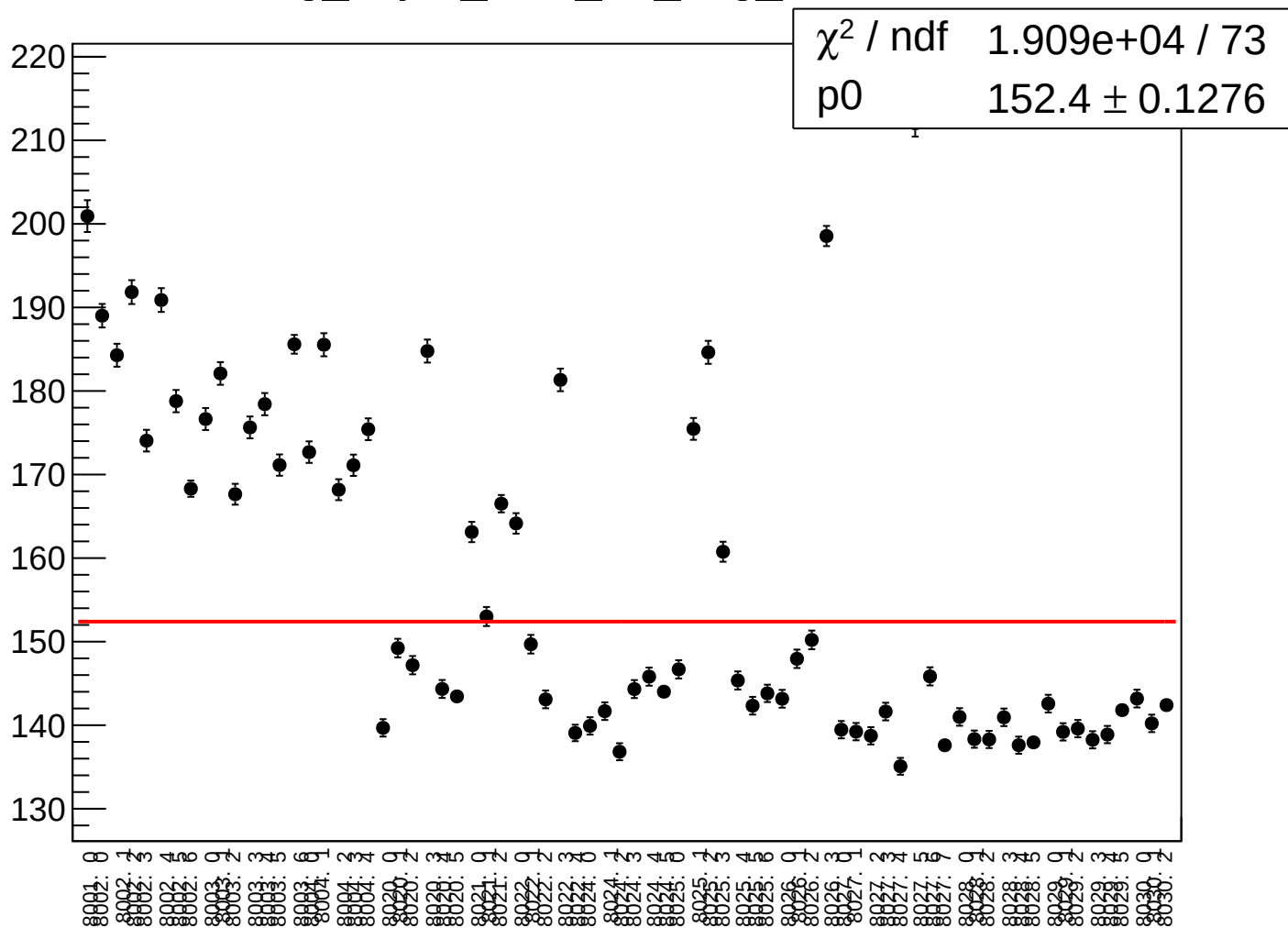


$\chi^2 / \text{ndf}$  69.74 / 73  
 $p_0$   $139.7 \pm 180.4$

pull1D

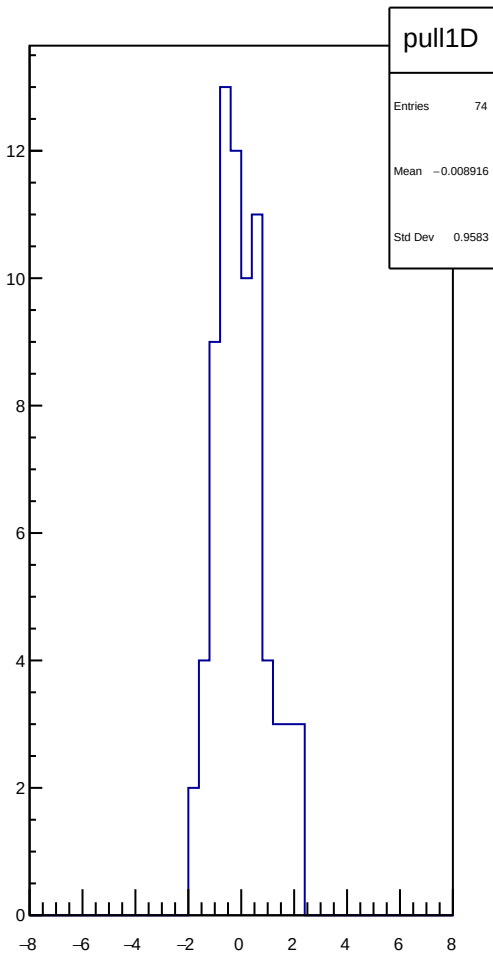
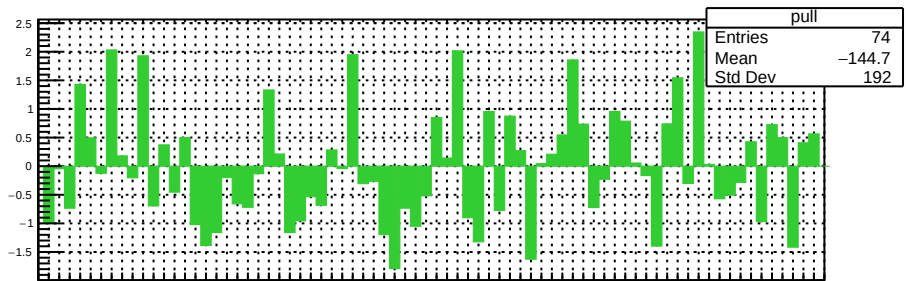
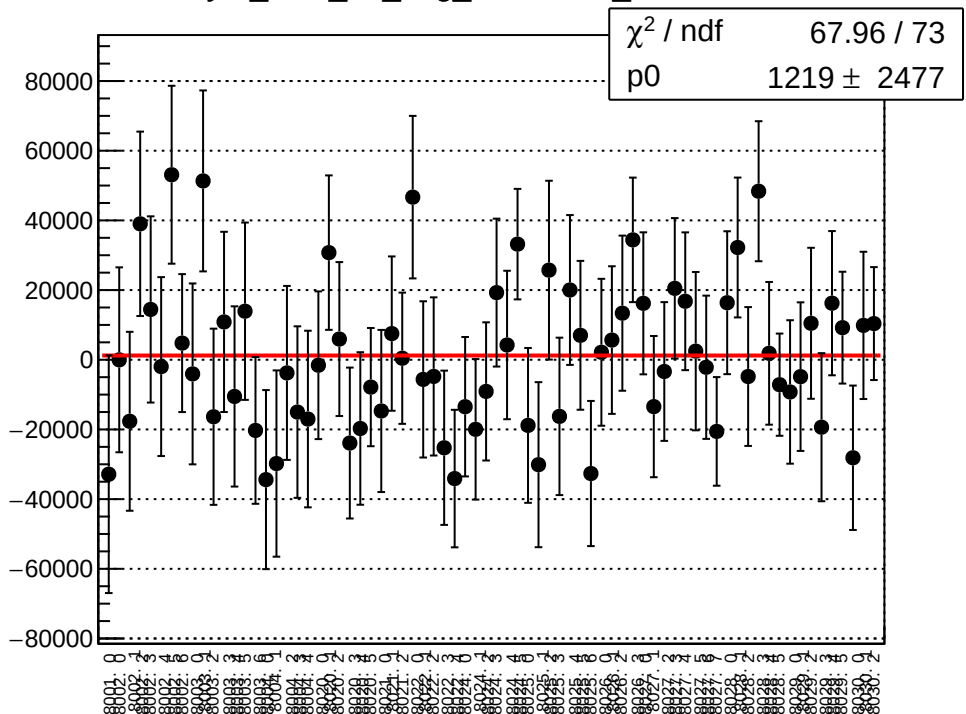


# reg\_asym\_sam\_48\_avg\_rms vs run

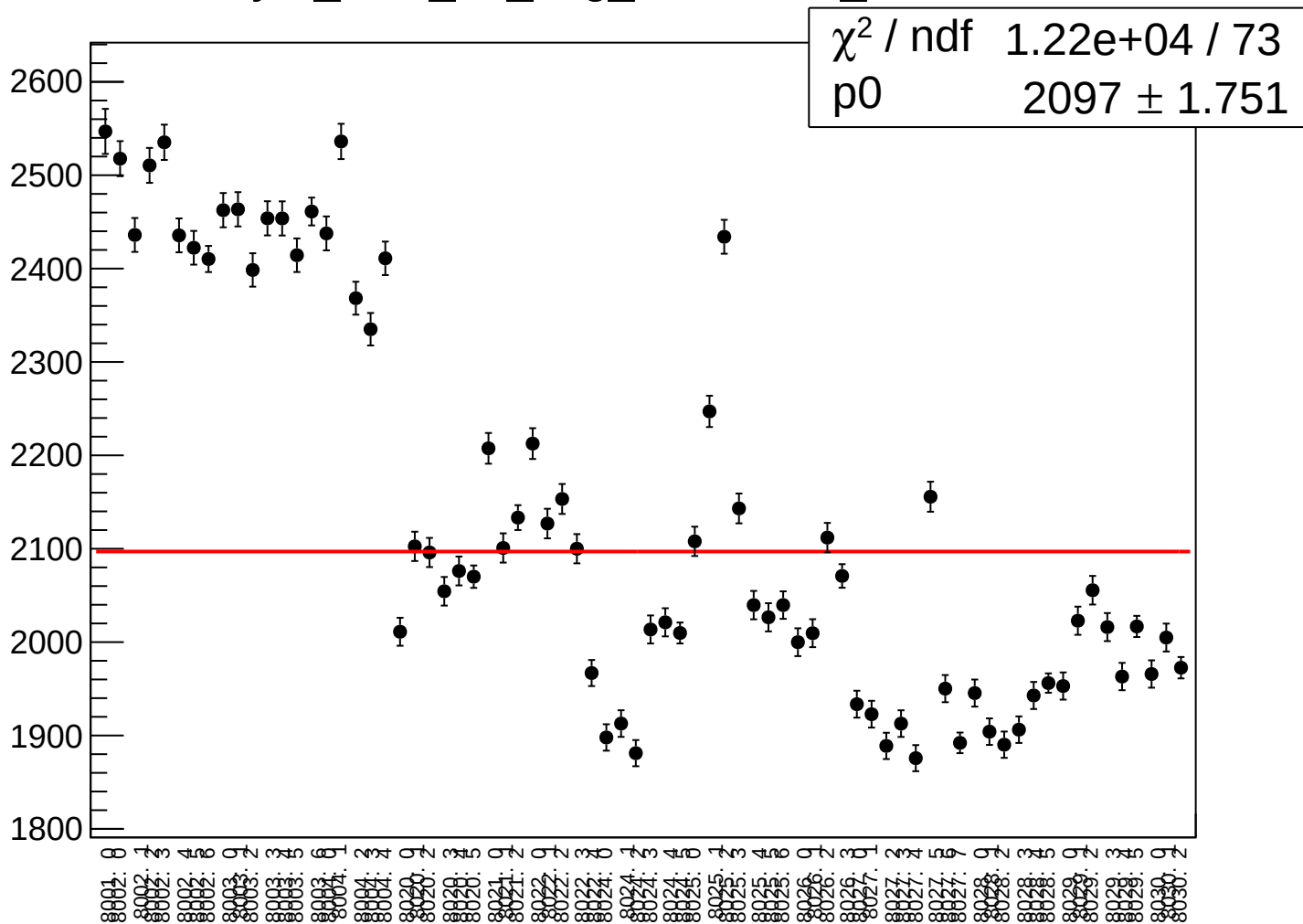




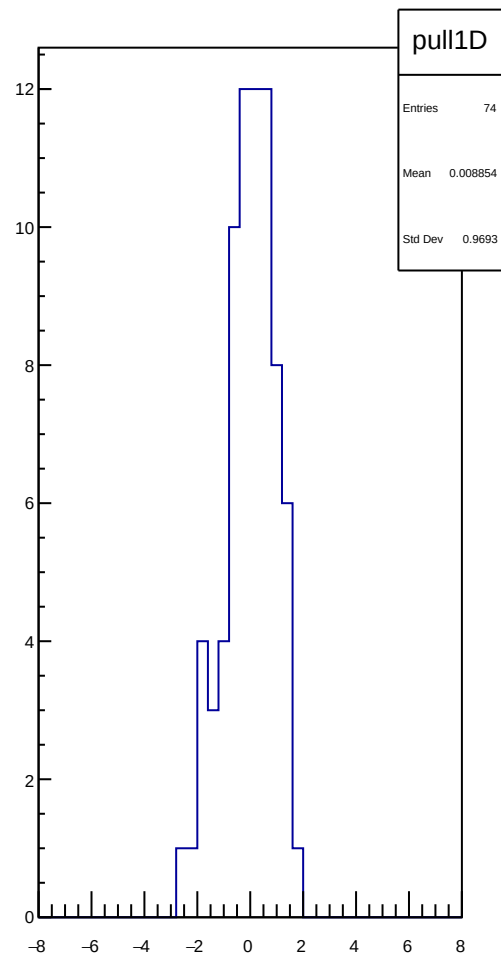
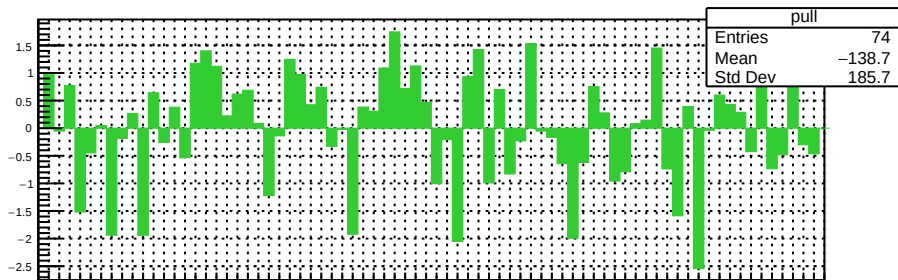
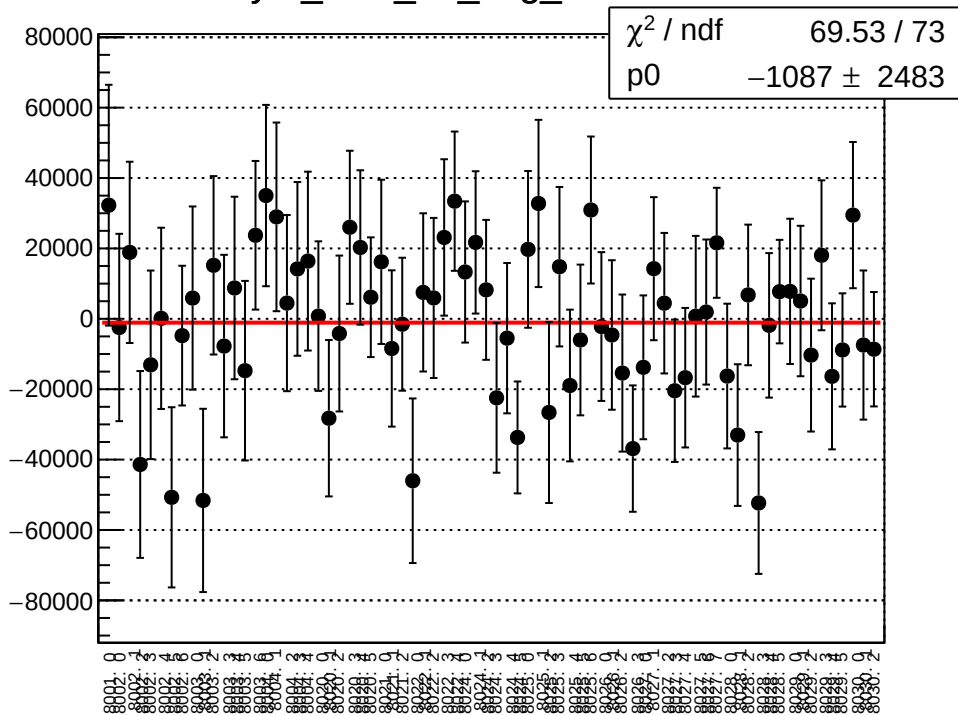
asym\_sam\_48\_avg\_correction\_mean vs run



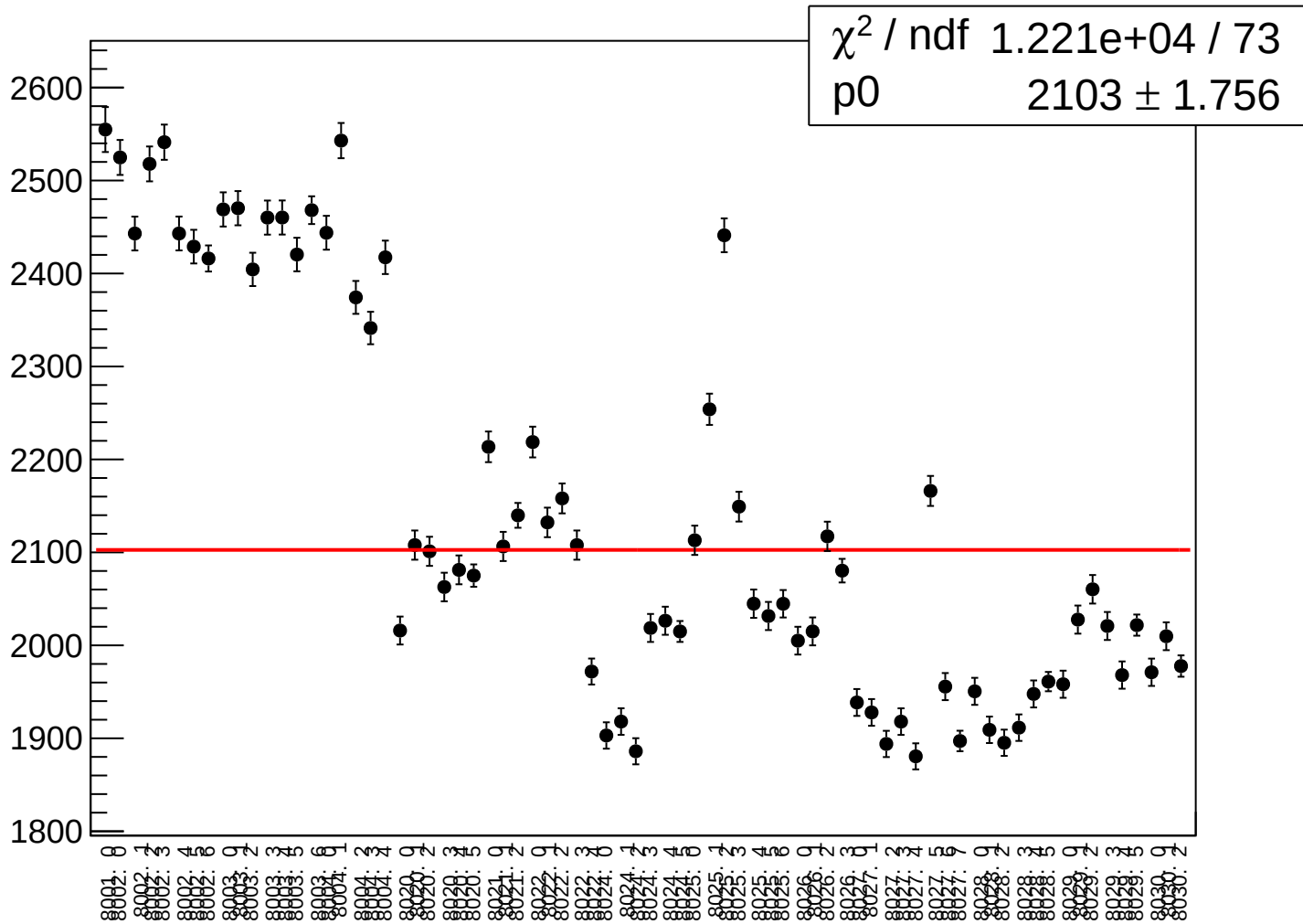
asym\_sam\_48\_avg\_correction\_rms vs run



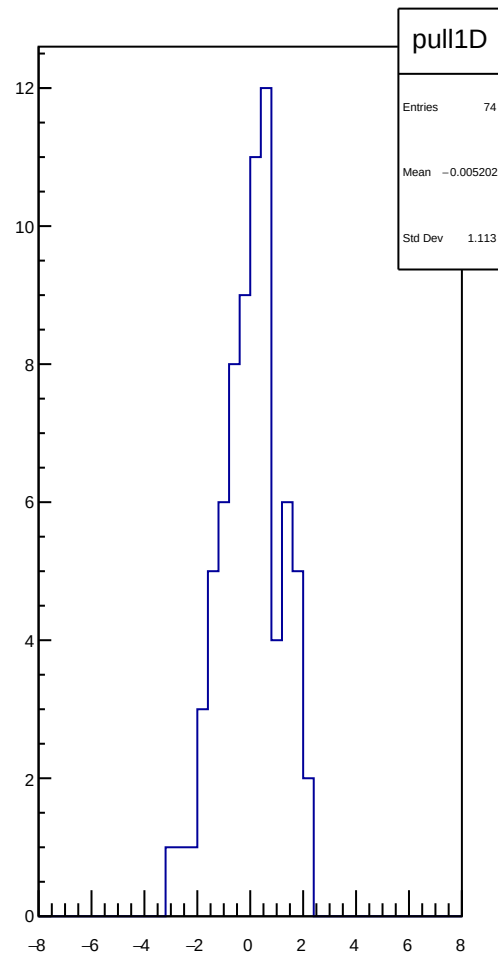
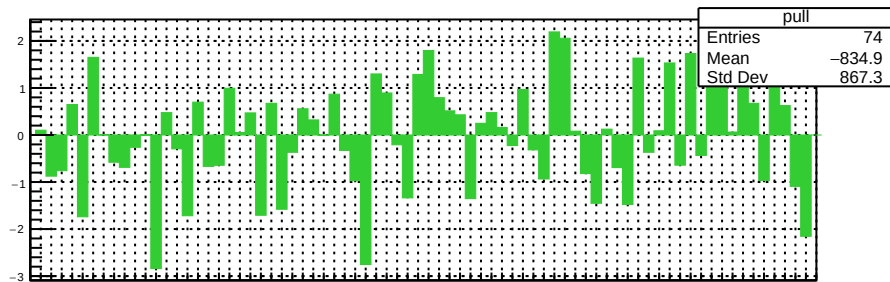
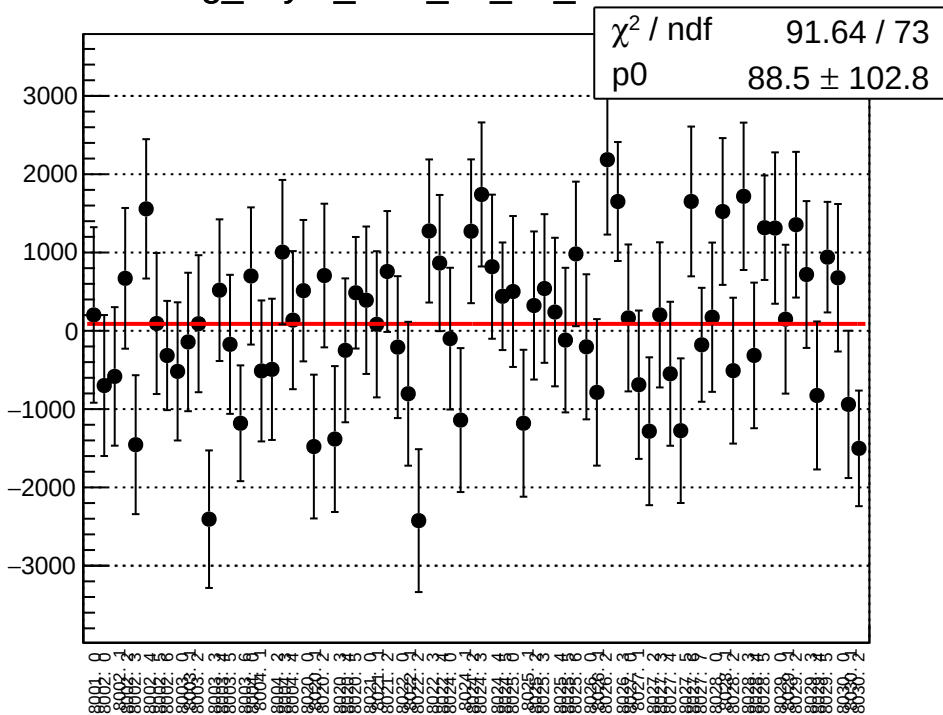
asym\_sam\_48\_avg\_mean vs run



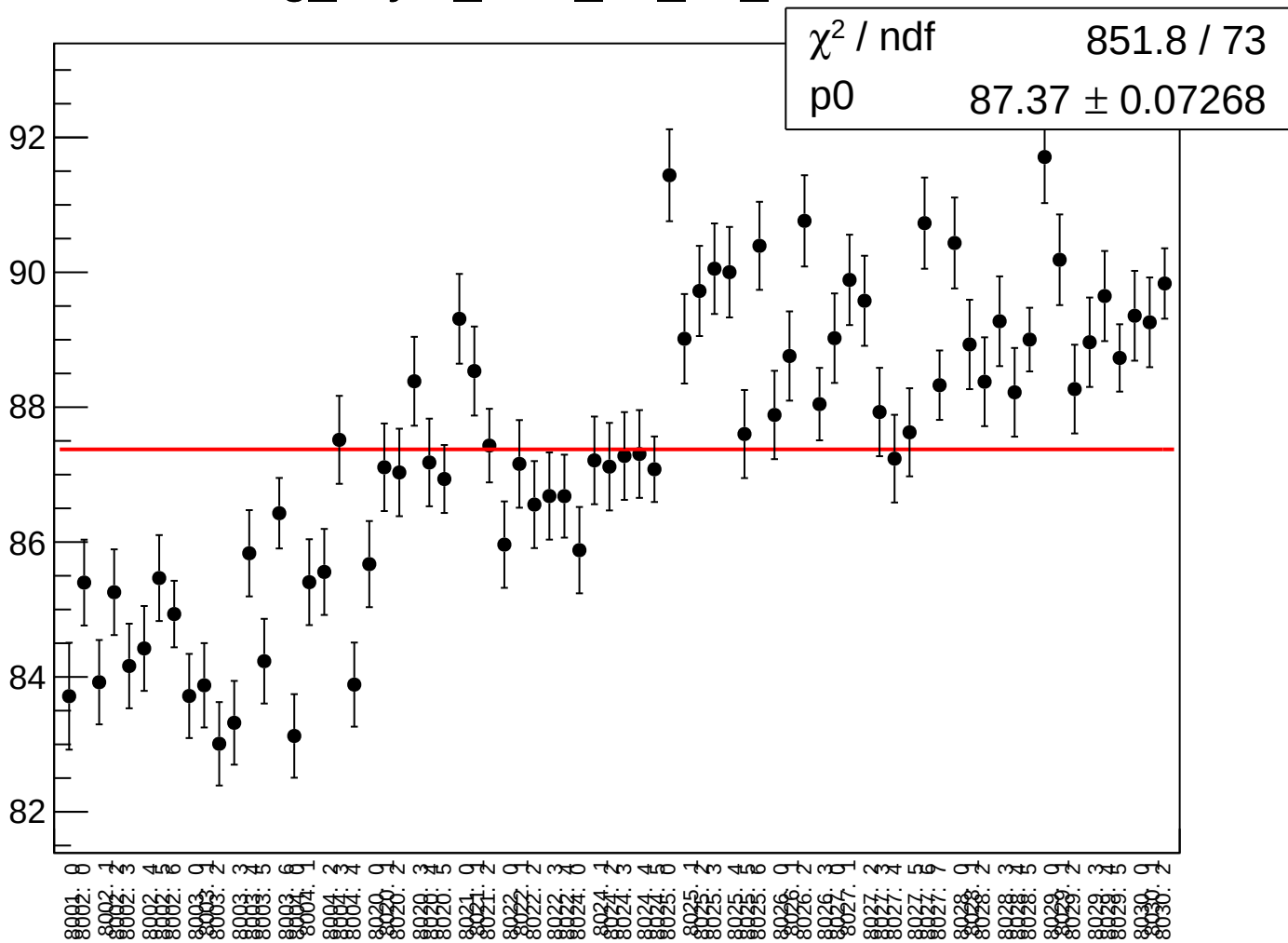
asym\_sam\_48\_avg\_rms vs run



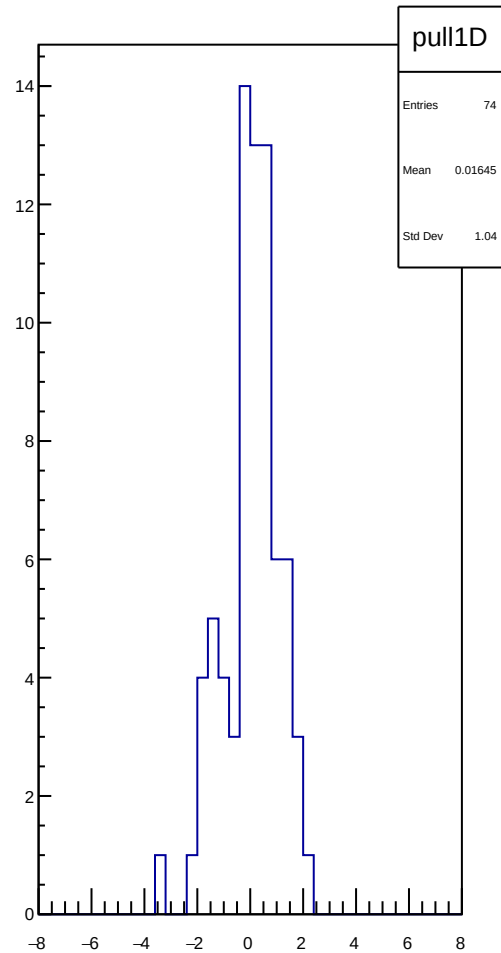
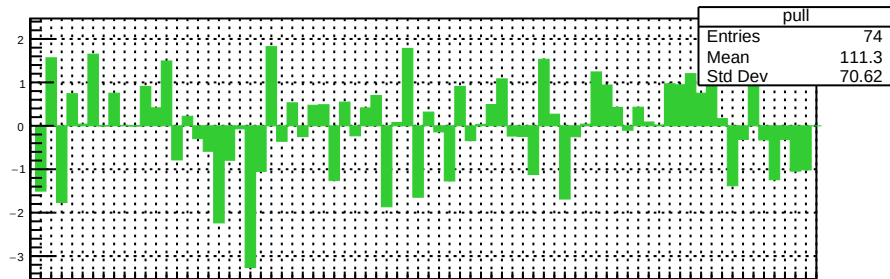
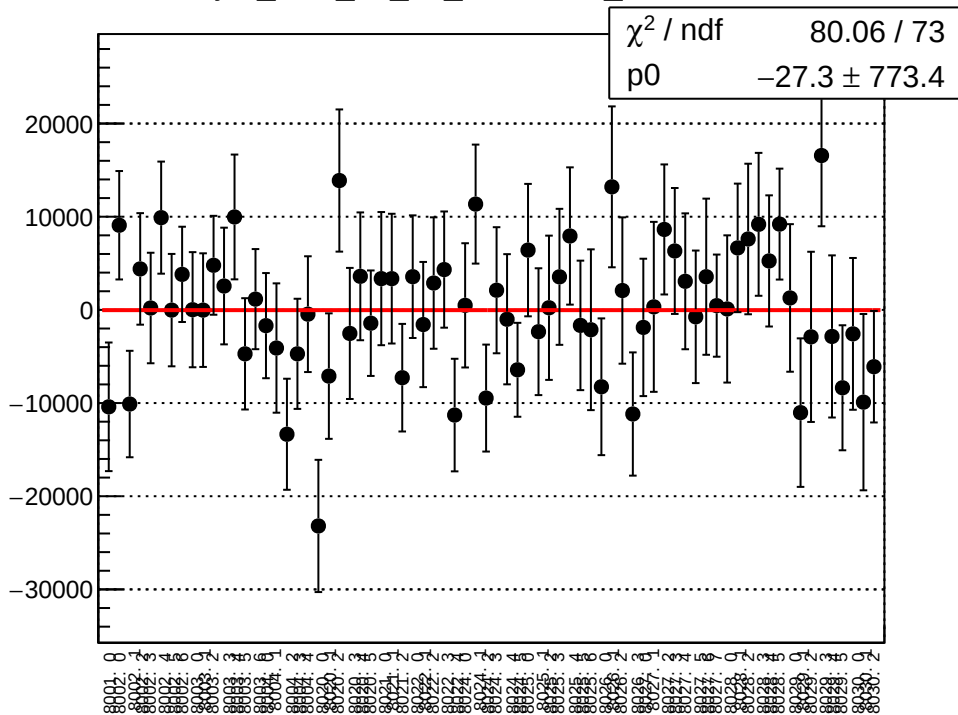
# reg\_asym\_sam\_15\_dd\_mean vs run



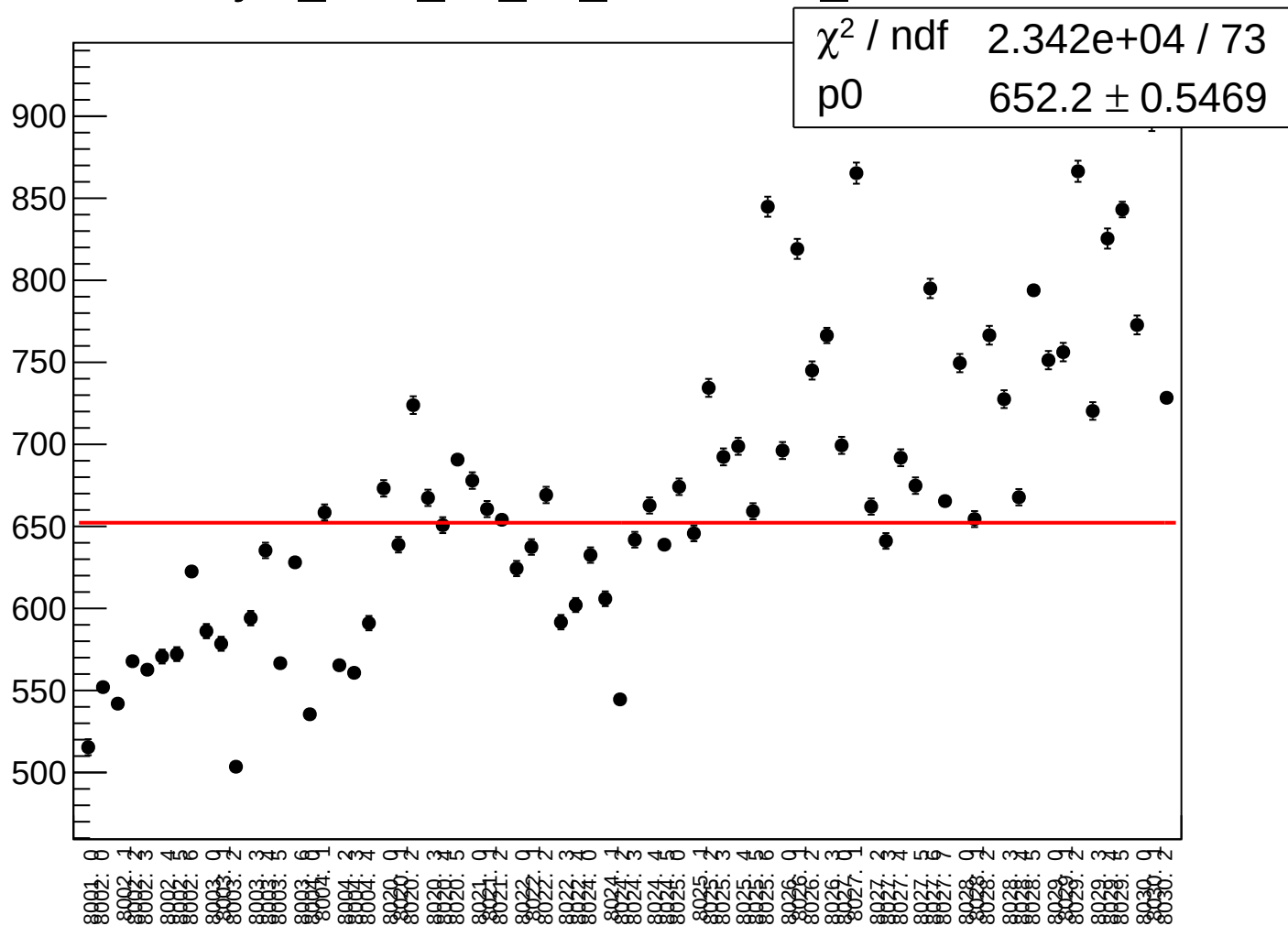
# reg\_asym\_sam\_15\_dd\_rms vs run



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

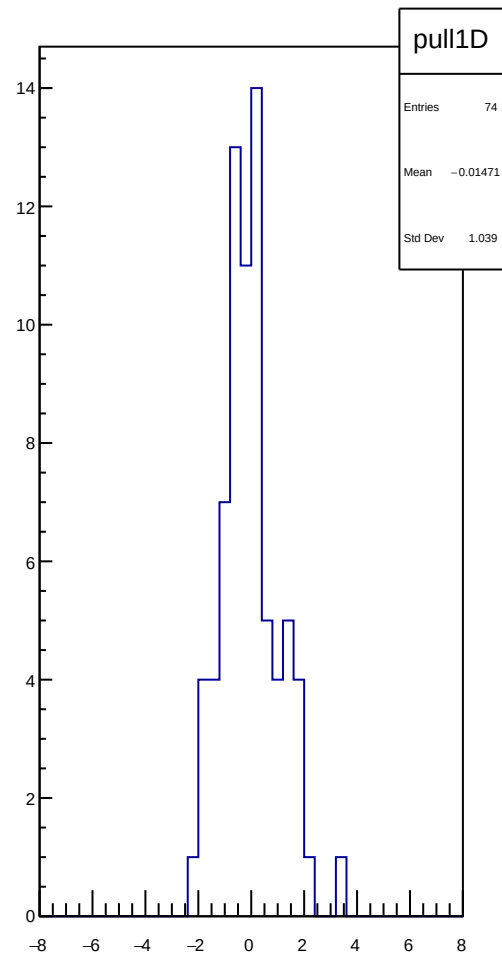
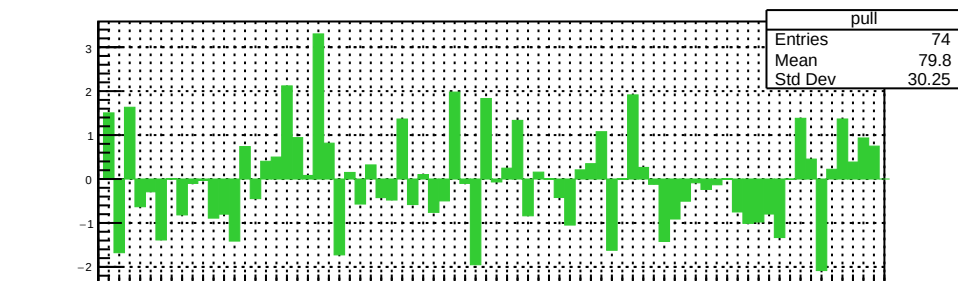
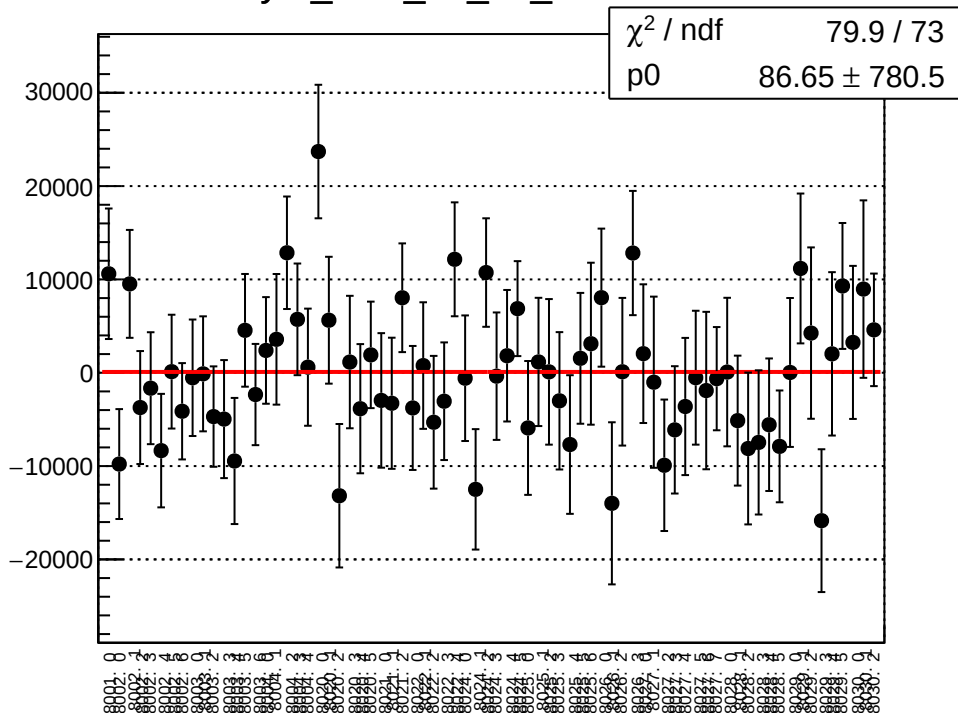


# asym\_sam\_15\_dd\_correction\_rms vs run

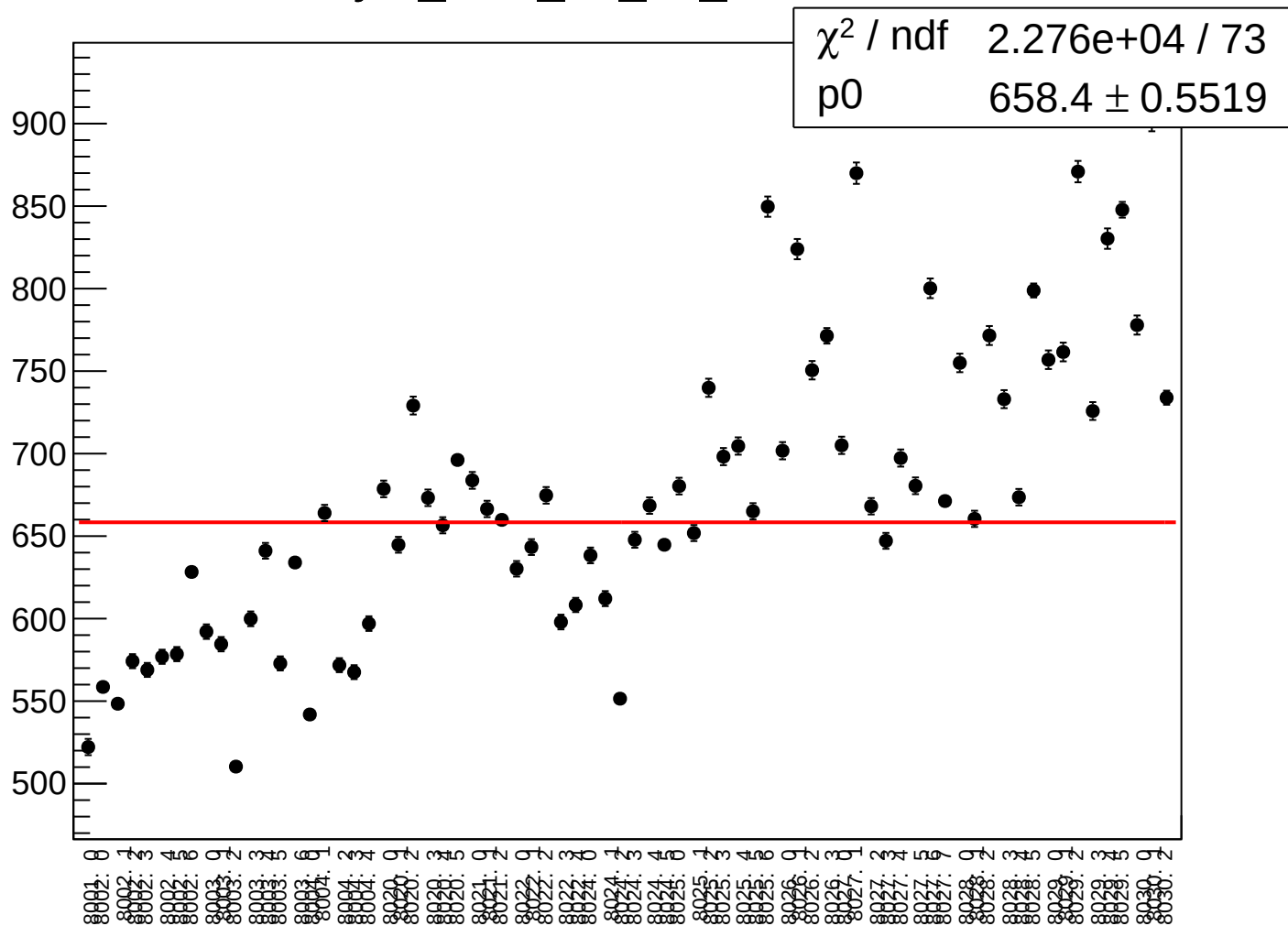




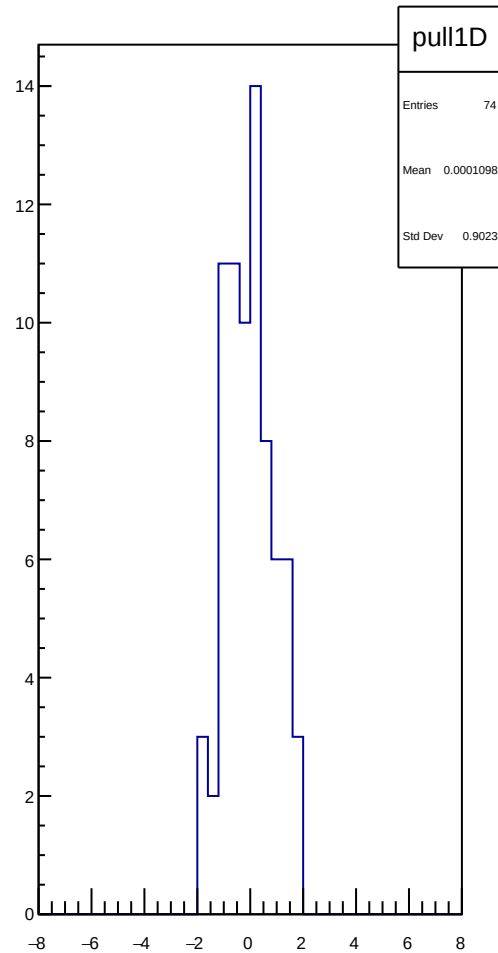
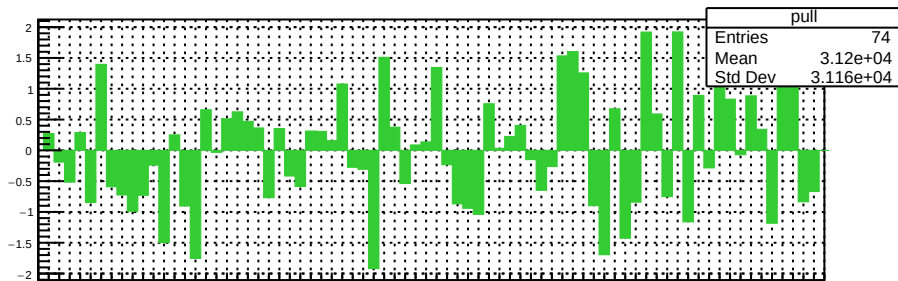
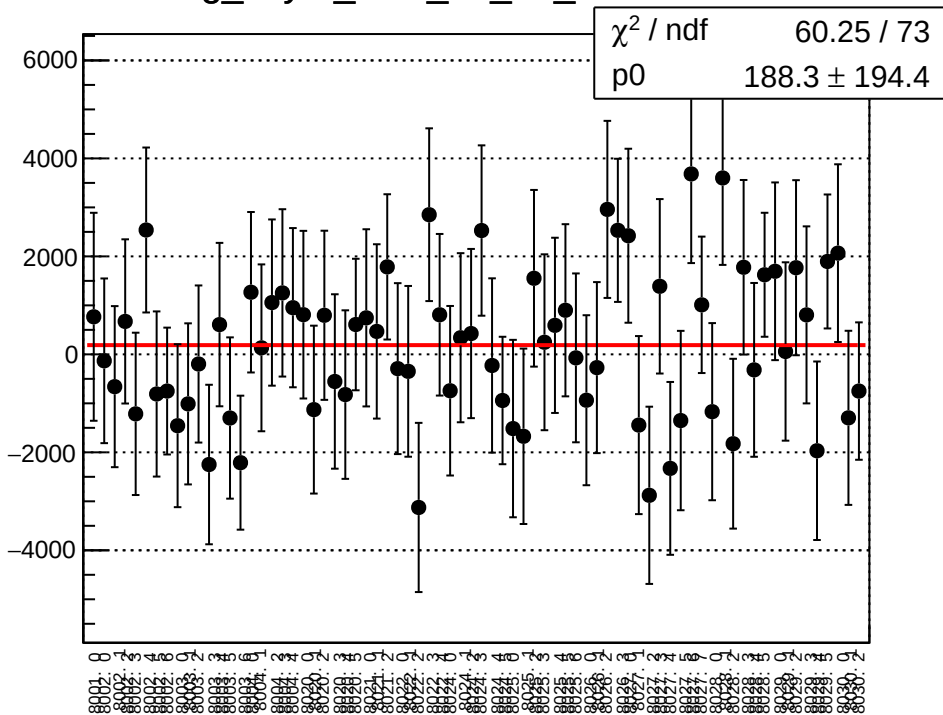
# asym\_sam\_15\_dd\_mean vs run



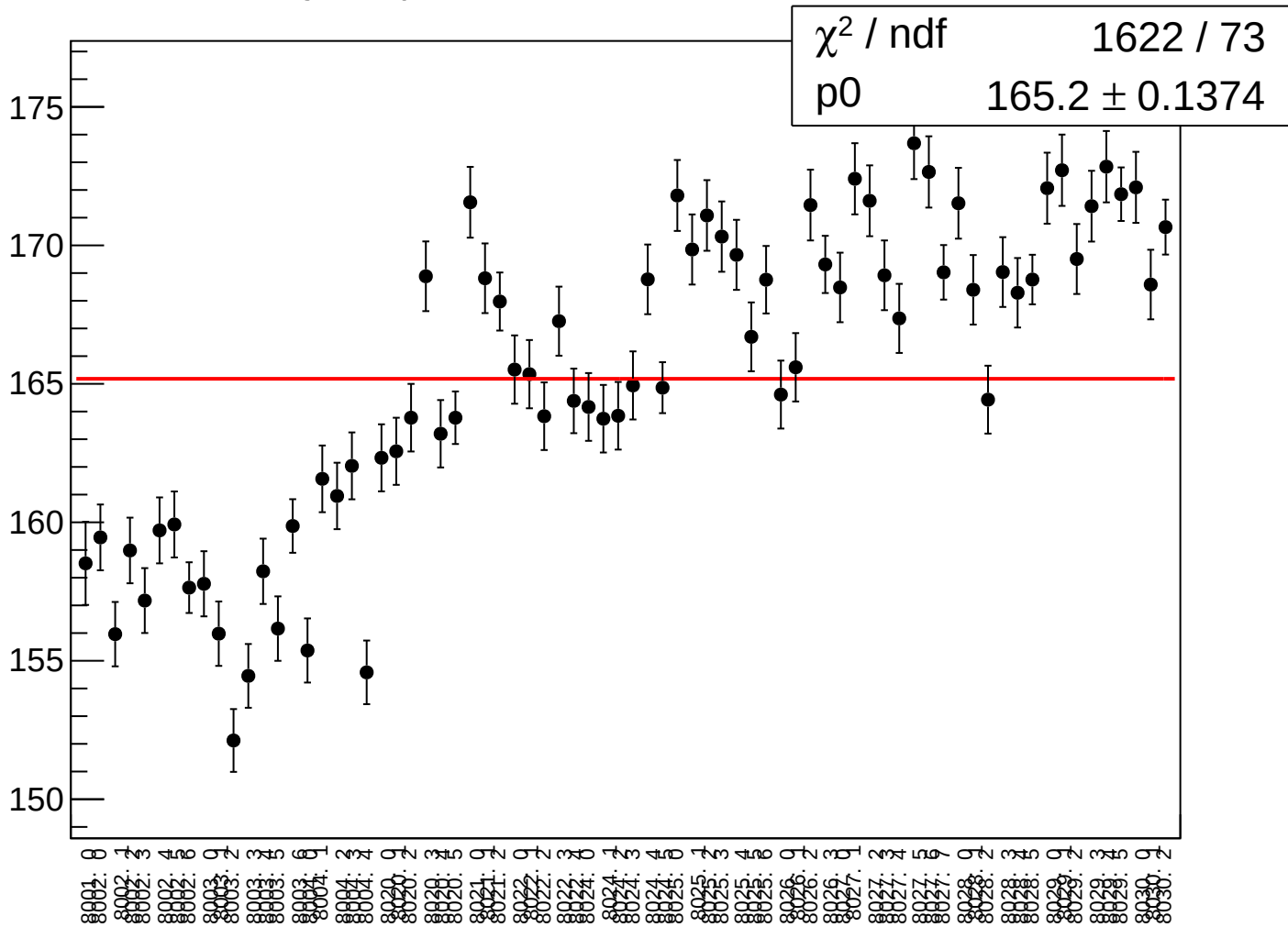
# asym\_sam\_15\_dd\_rms vs run



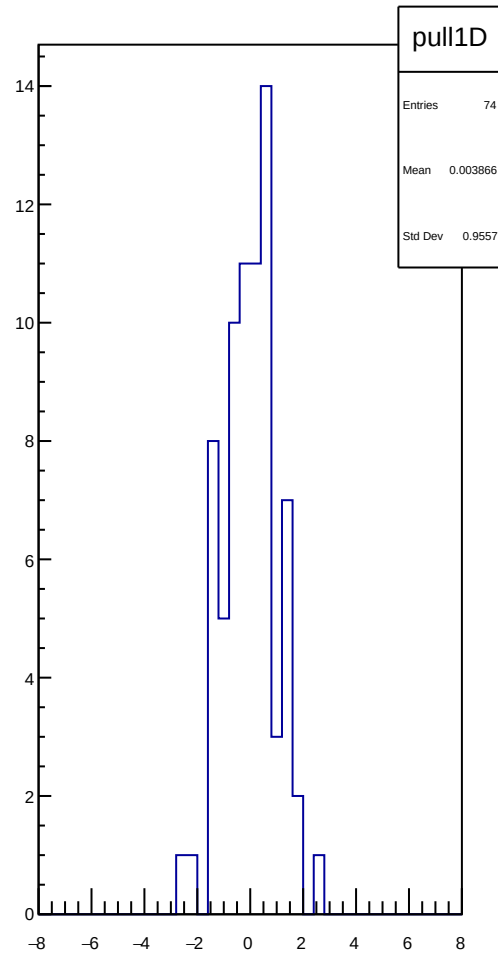
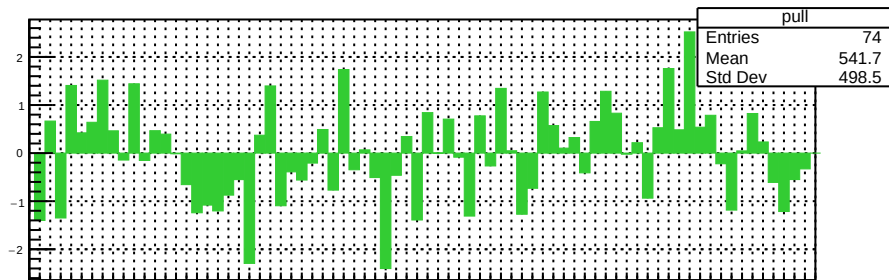
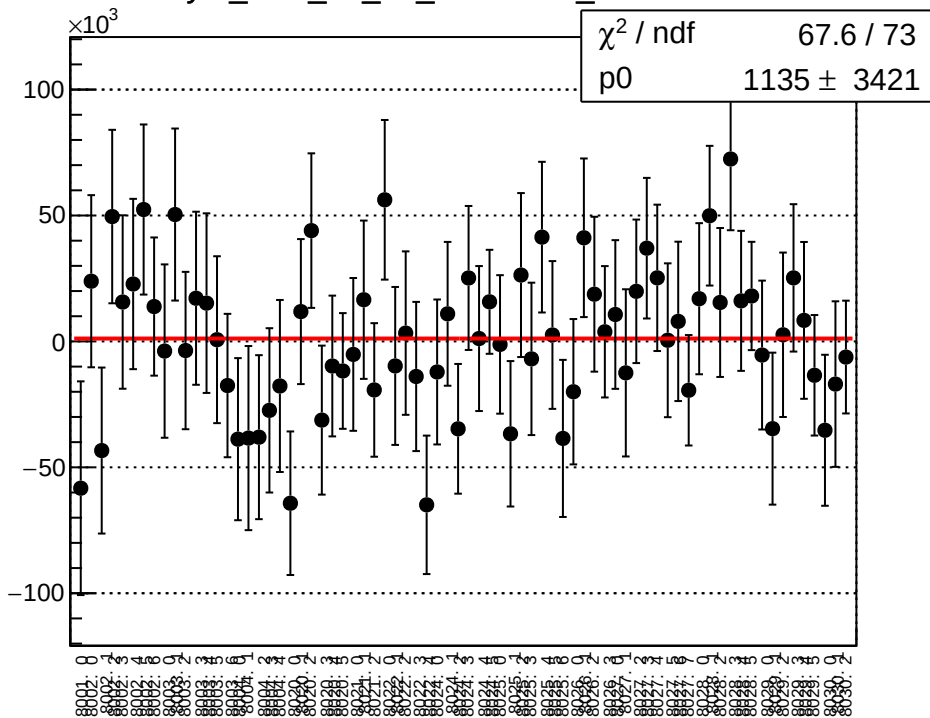
reg\_asym\_sam\_26\_dd\_mean vs run



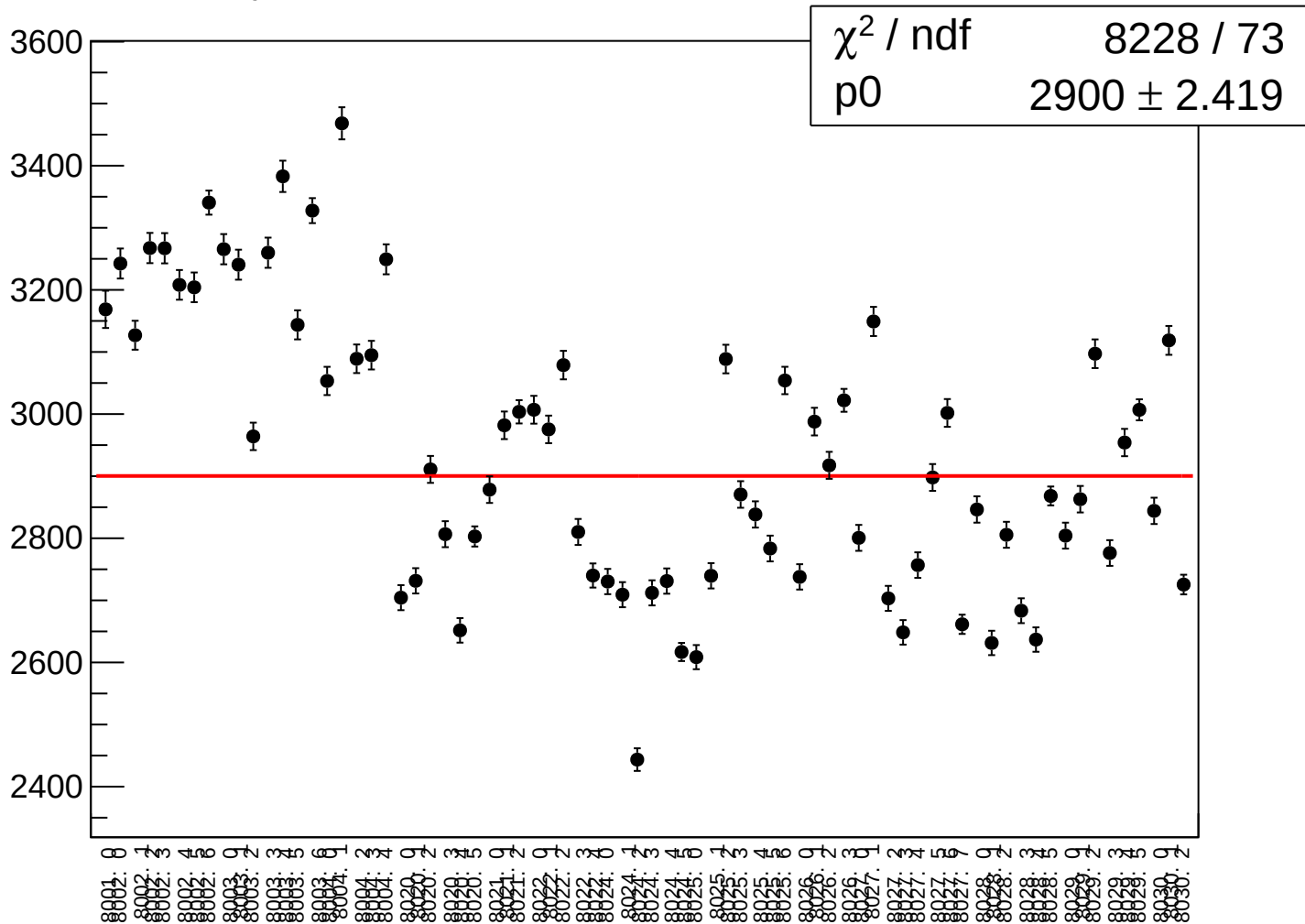
# reg\_asym\_sam\_26\_dd\_rms vs run



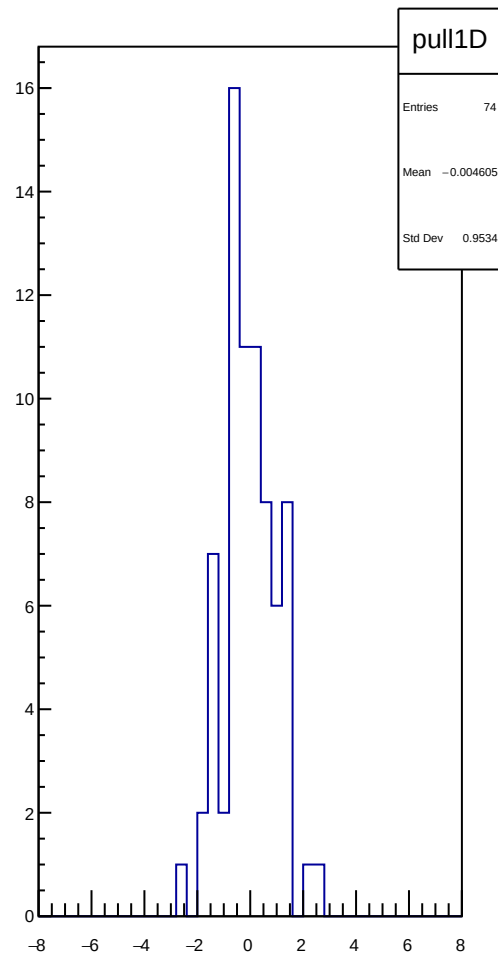
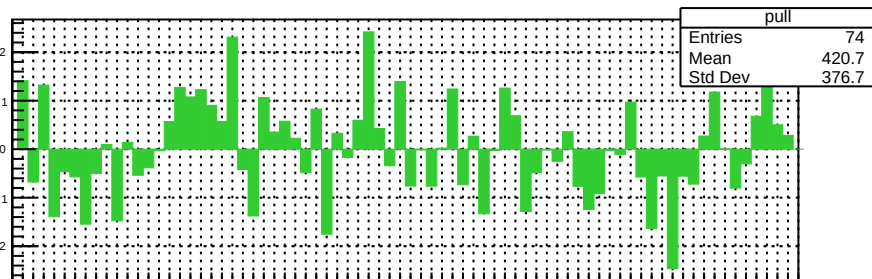
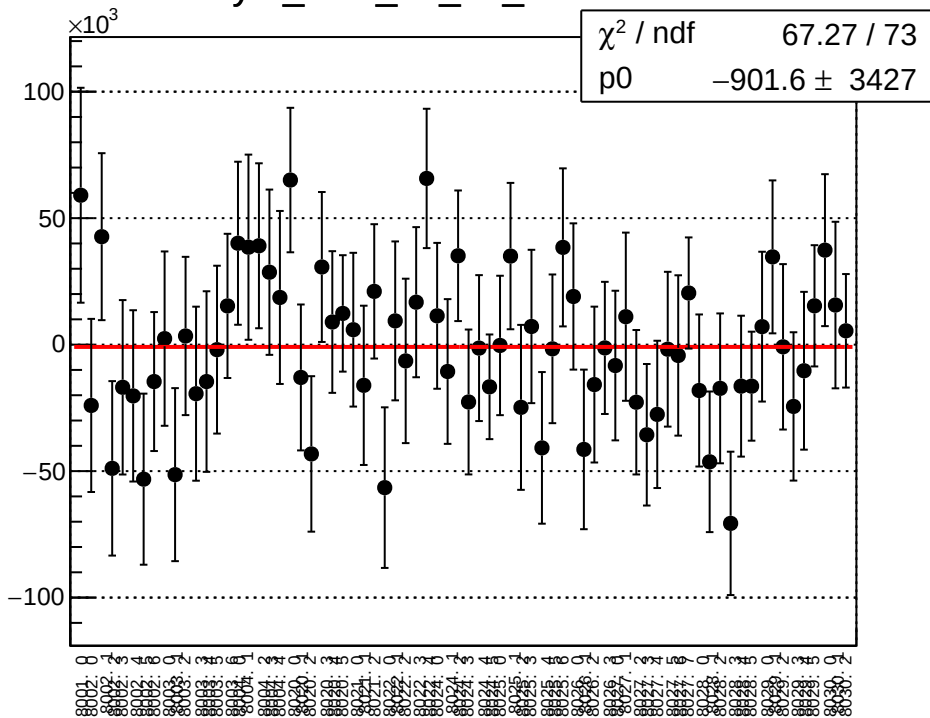
asym\_sam\_26\_dd\_correction\_mean vs run



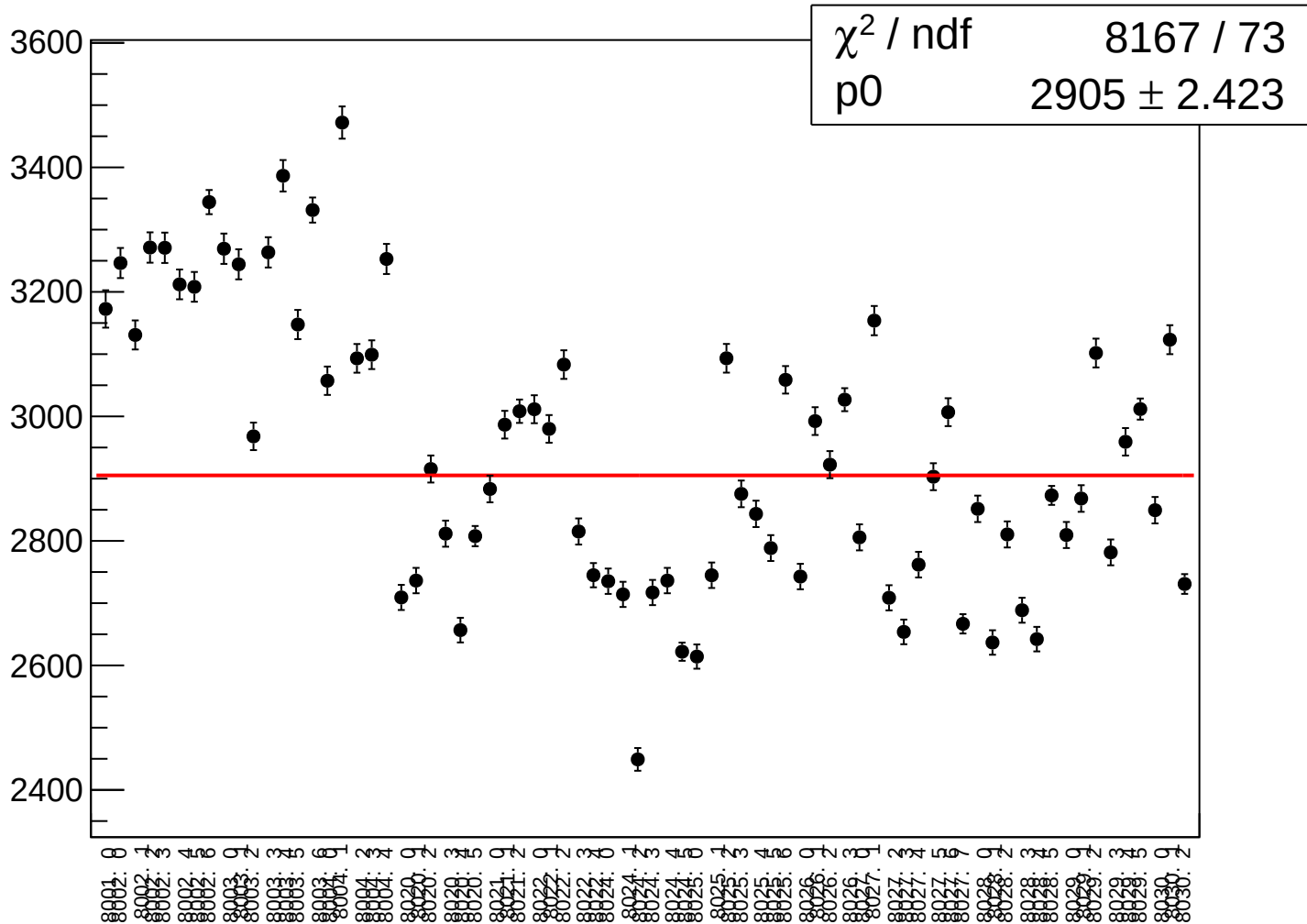
# asym\_sam\_26\_dd\_correction\_rms vs run



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

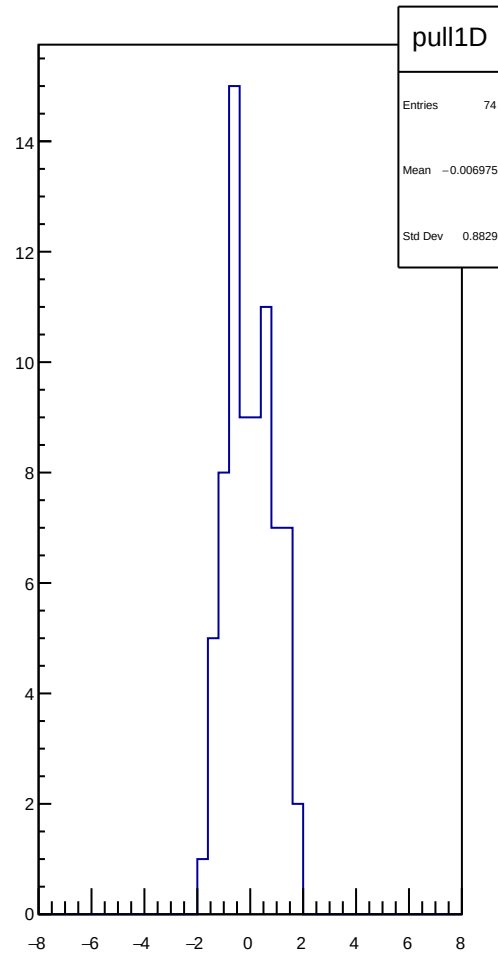
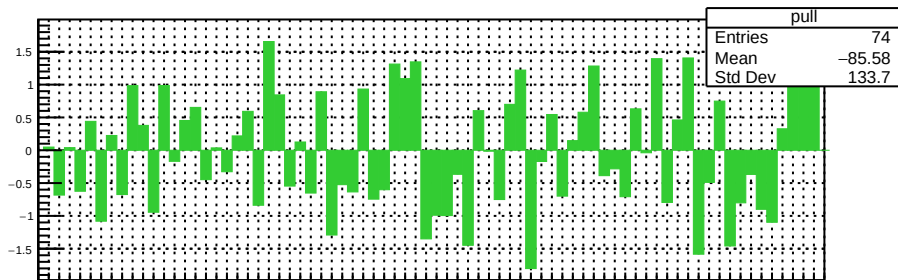
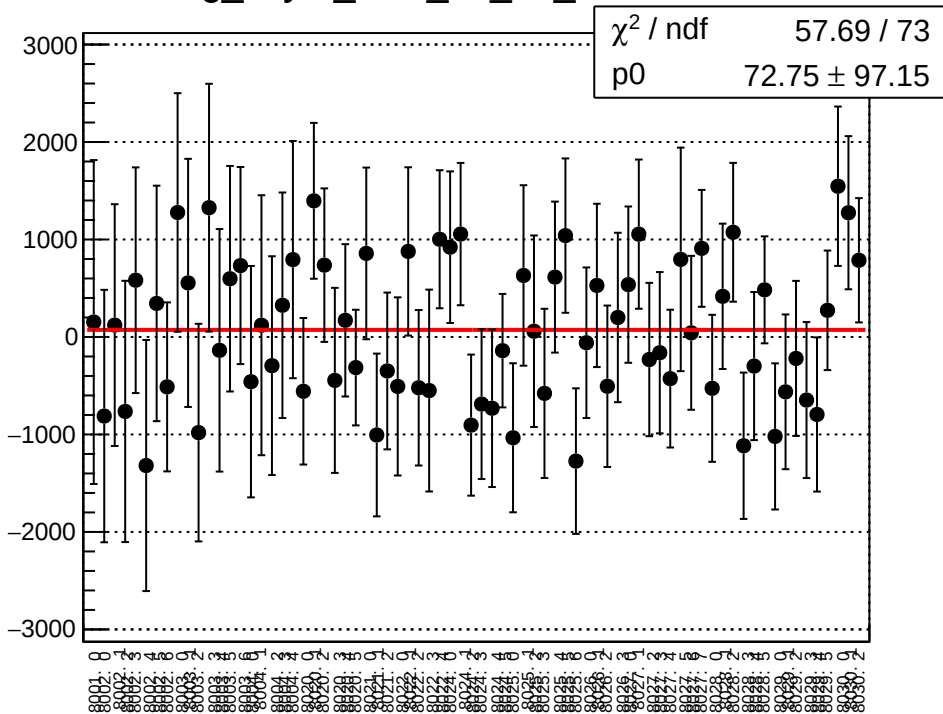


# asym\_sam\_26\_dd\_rms vs run

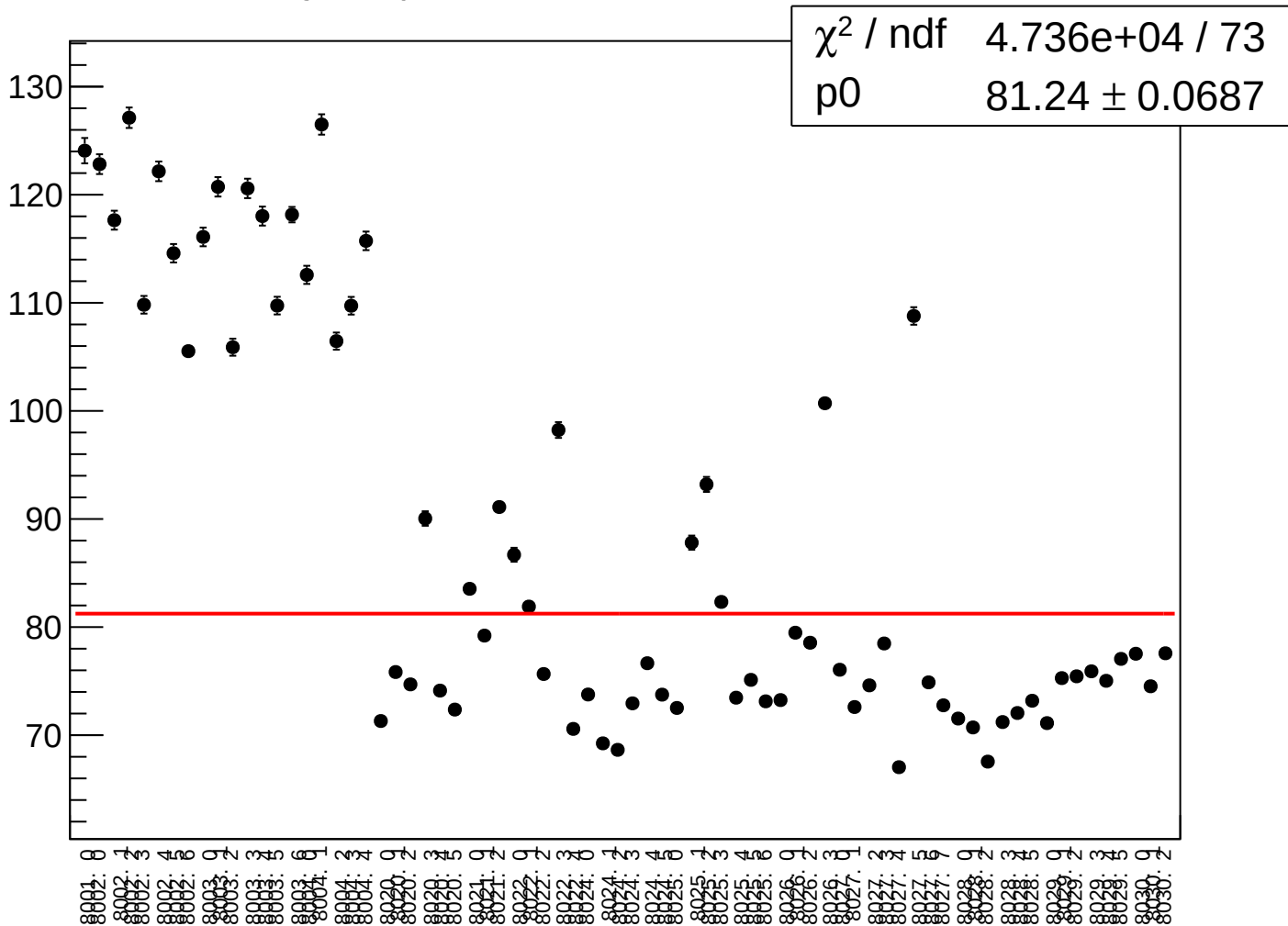




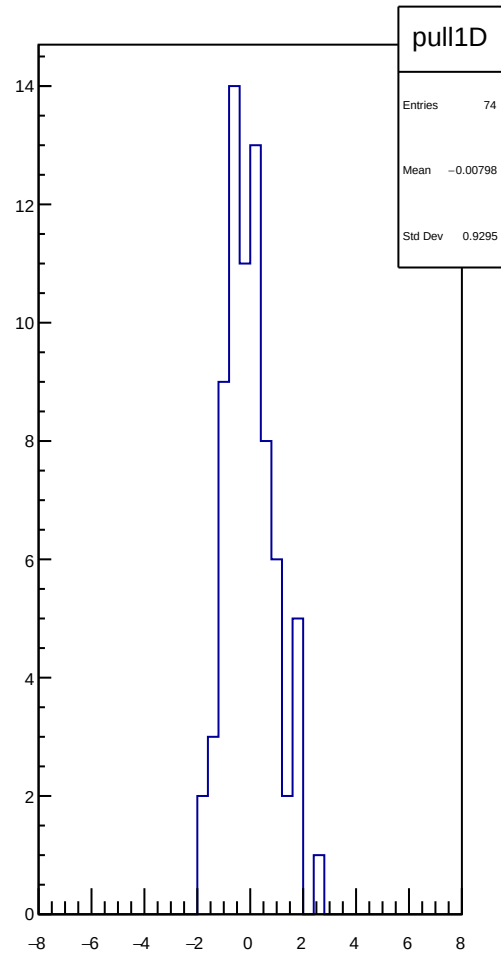
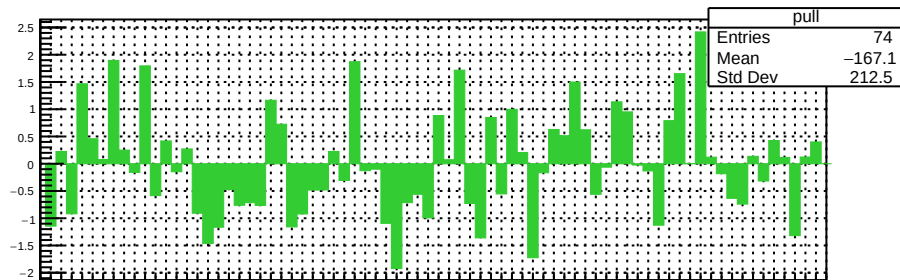
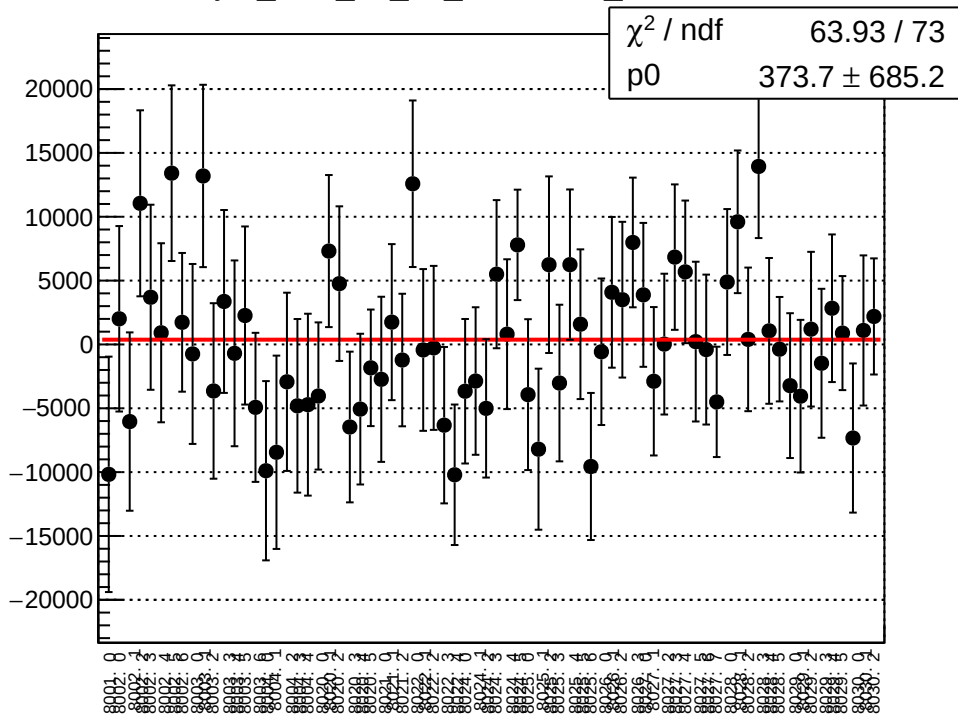
# reg\_asym\_sam\_37\_dd\_mean vs run



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

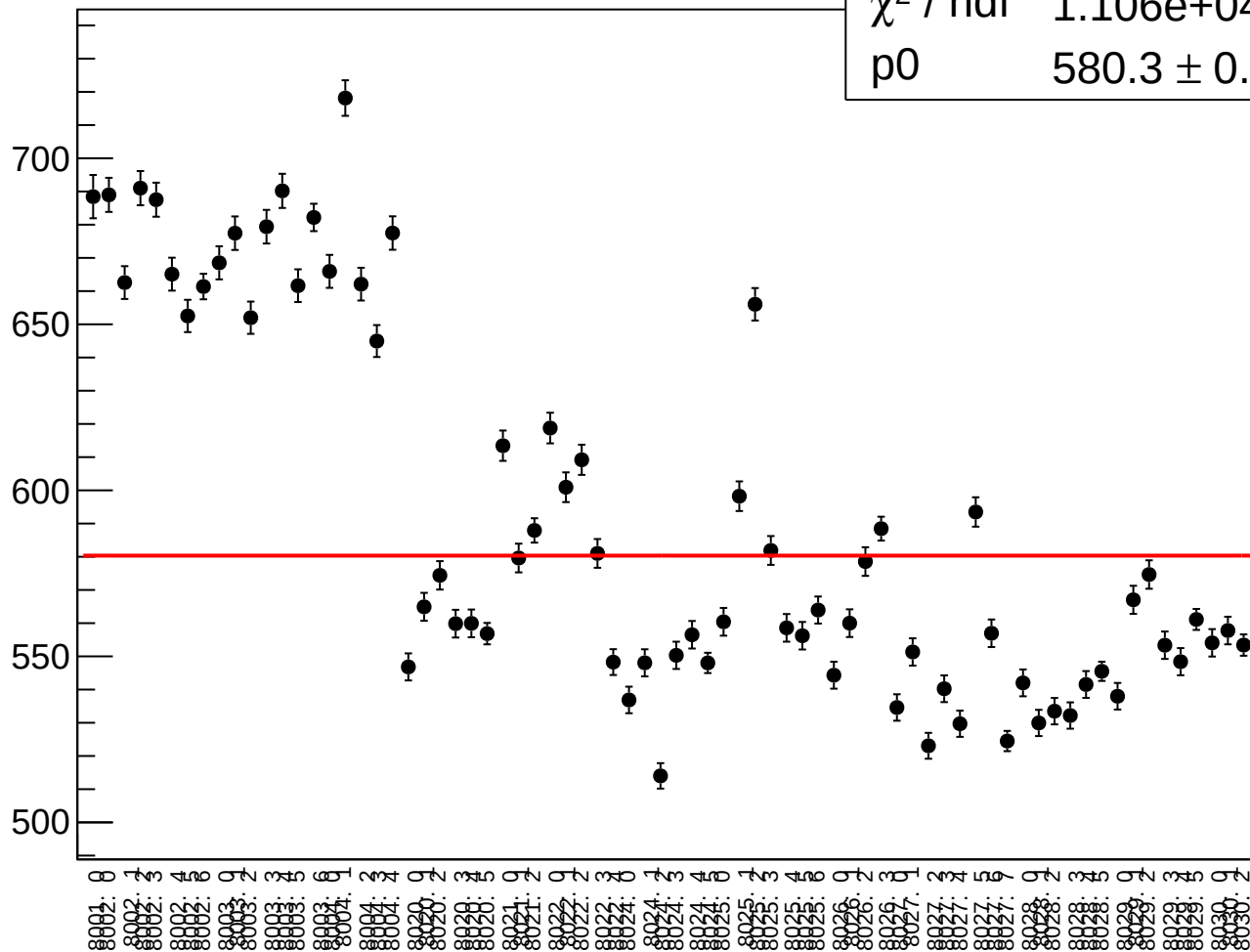


asym\_sam\_37\_dd\_correction\_mean vs run

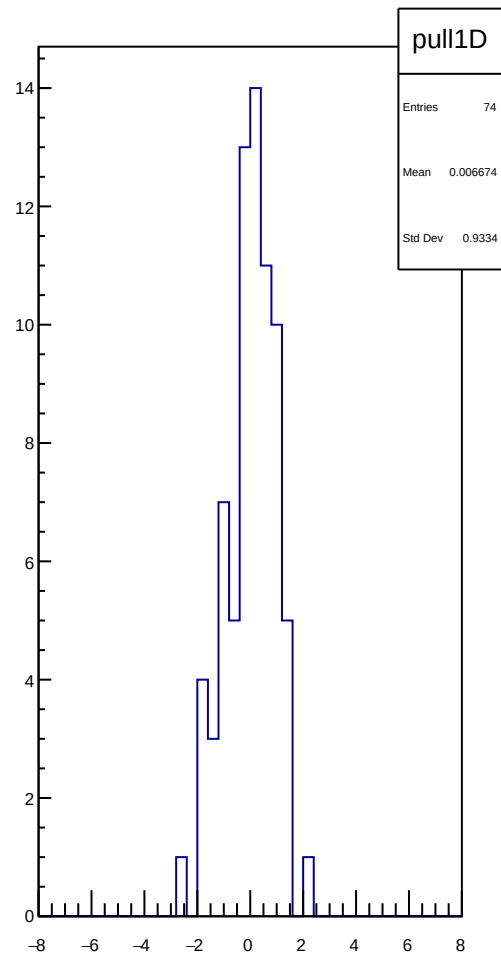
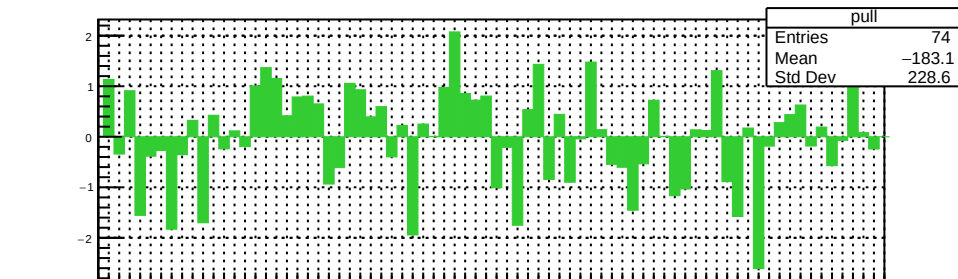
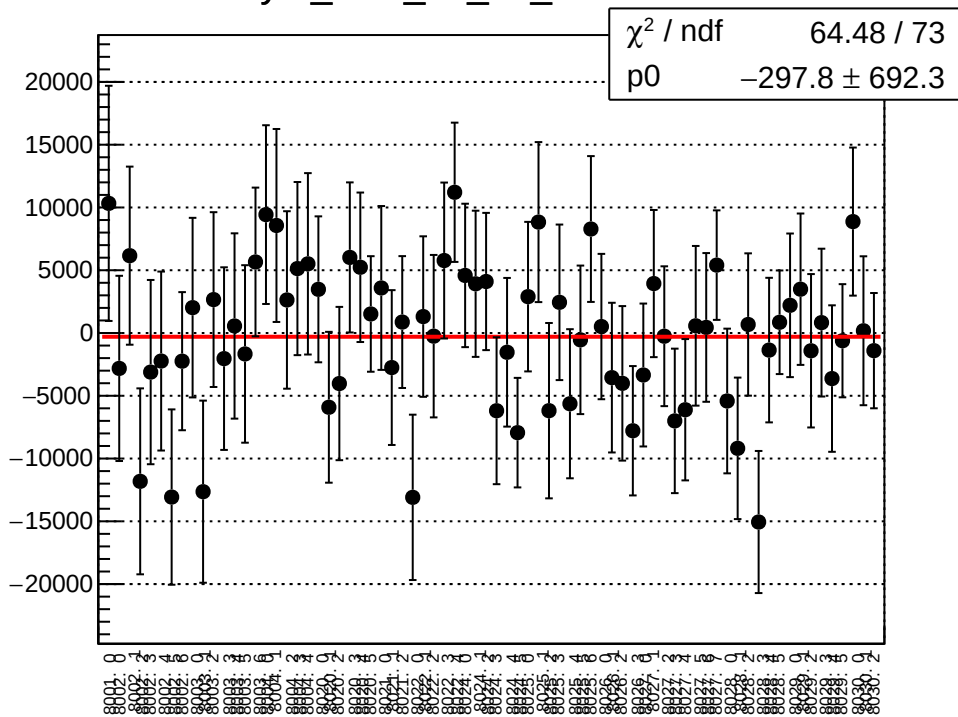


# asym\_sam\_37\_dd\_correction\_rms vs run

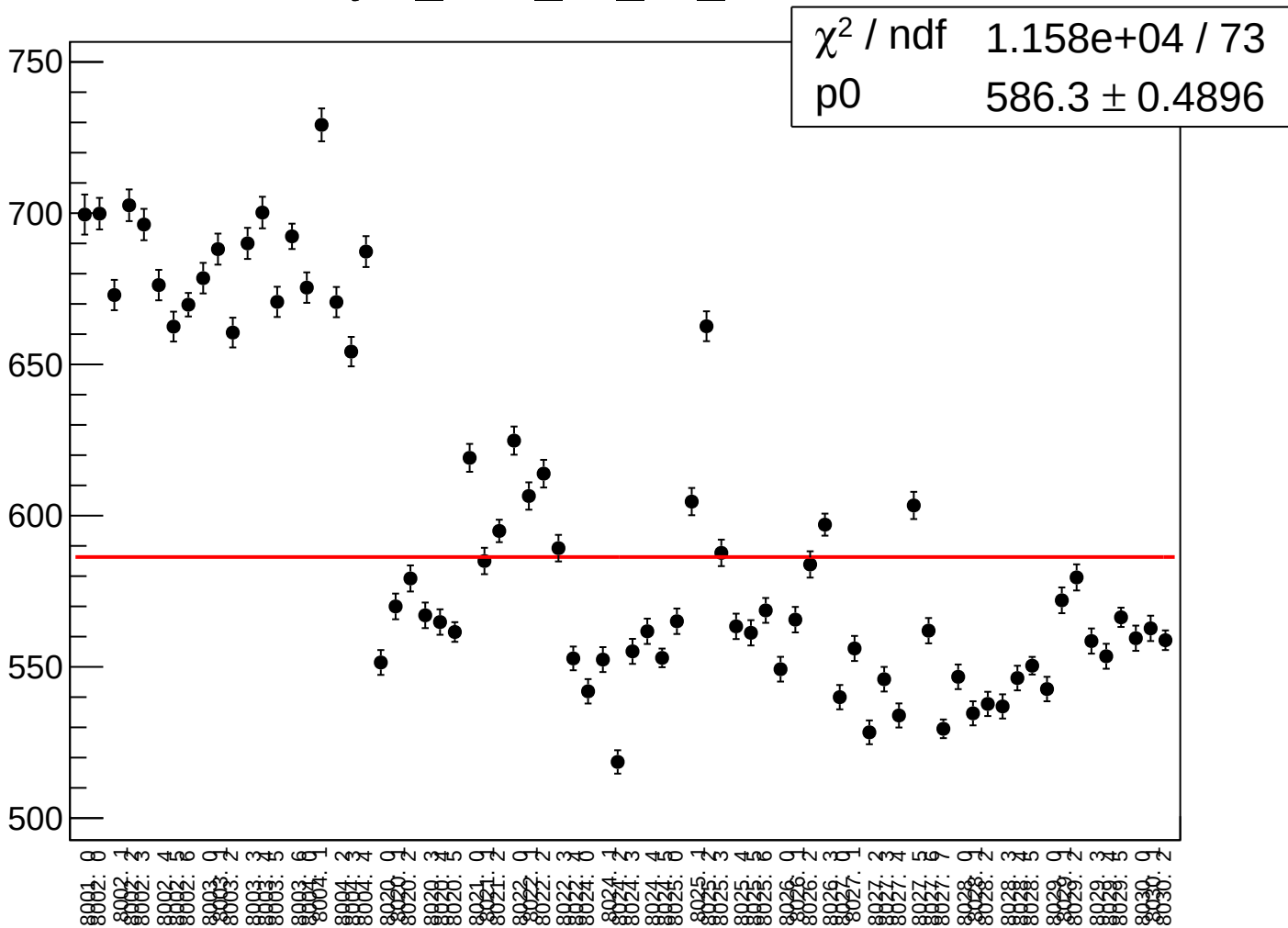
$\chi^2 / \text{ndf}$  1.106e+04 / 73  
p0 580.3  $\pm$  0.4845



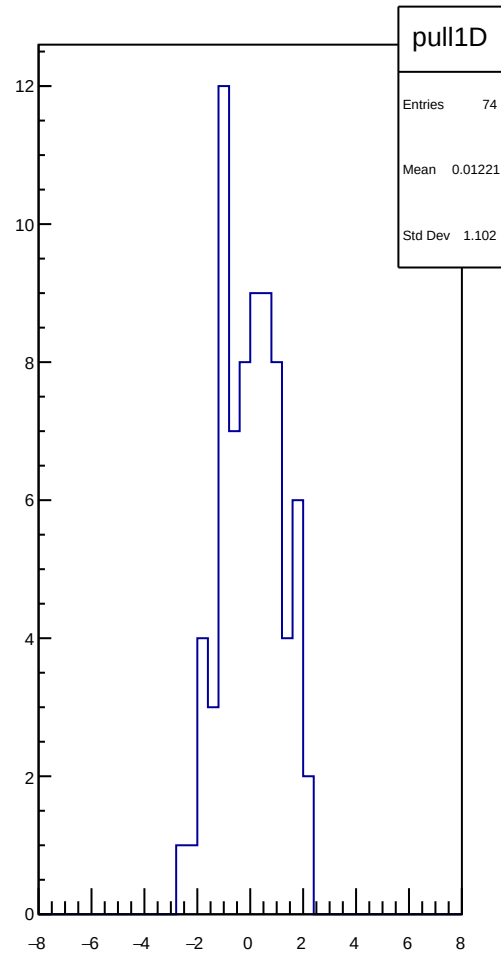
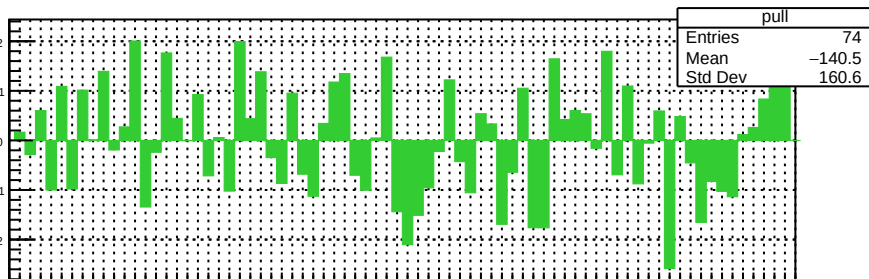
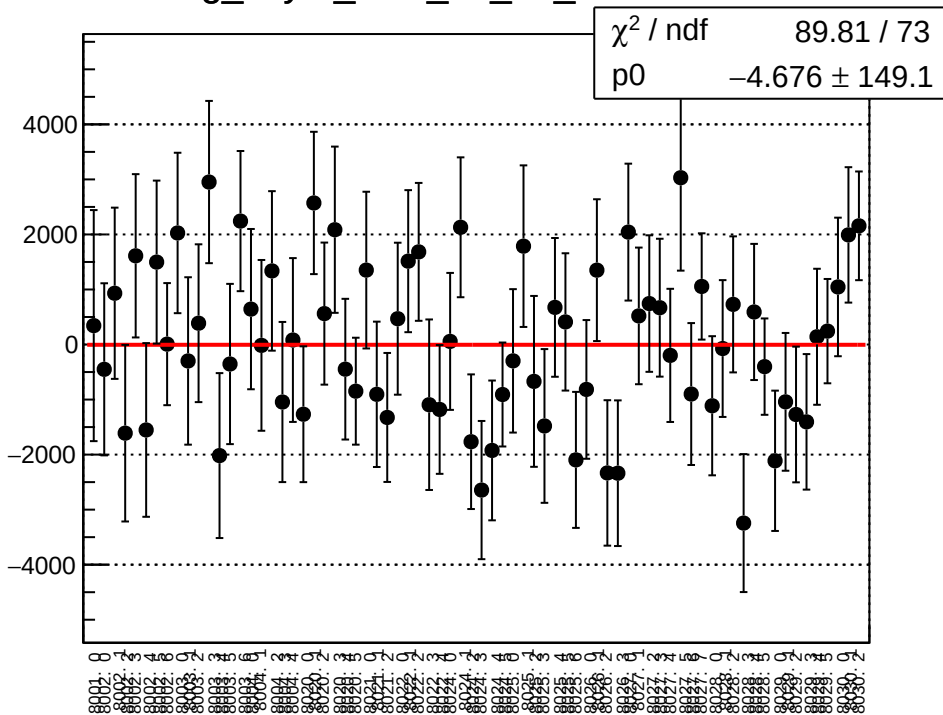
asym\_sam\_37\_dd\_mean vs run



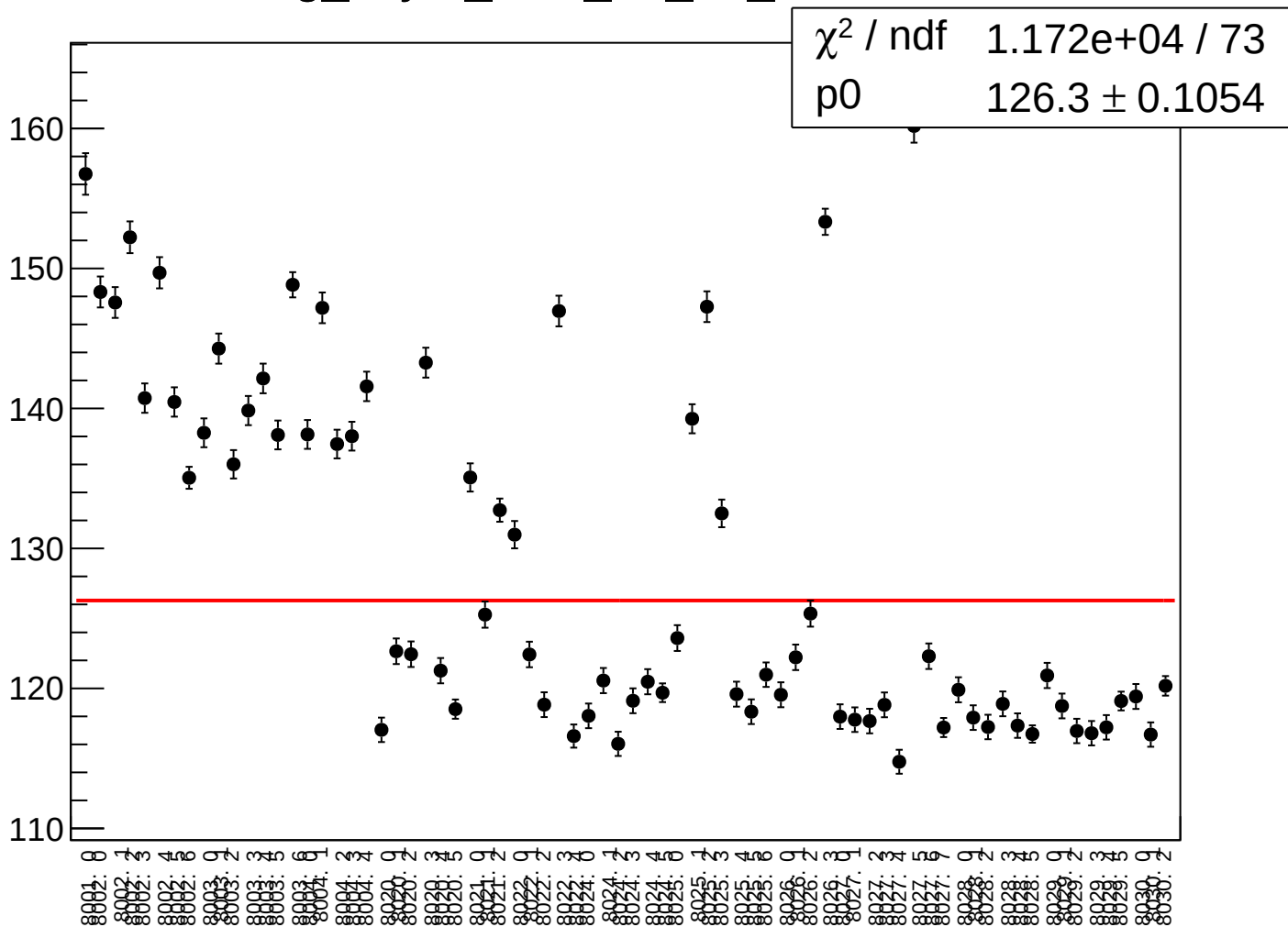
asym\_sam\_37\_dd\_rms vs run



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

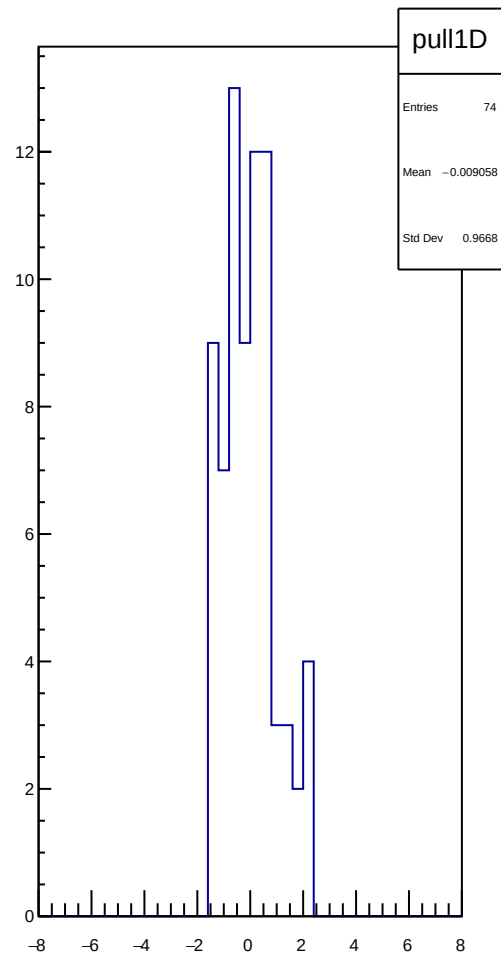
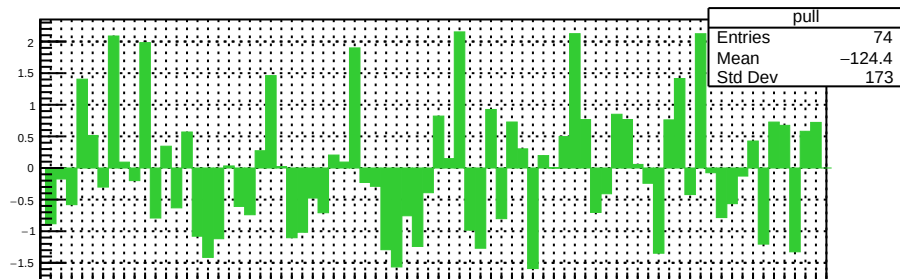
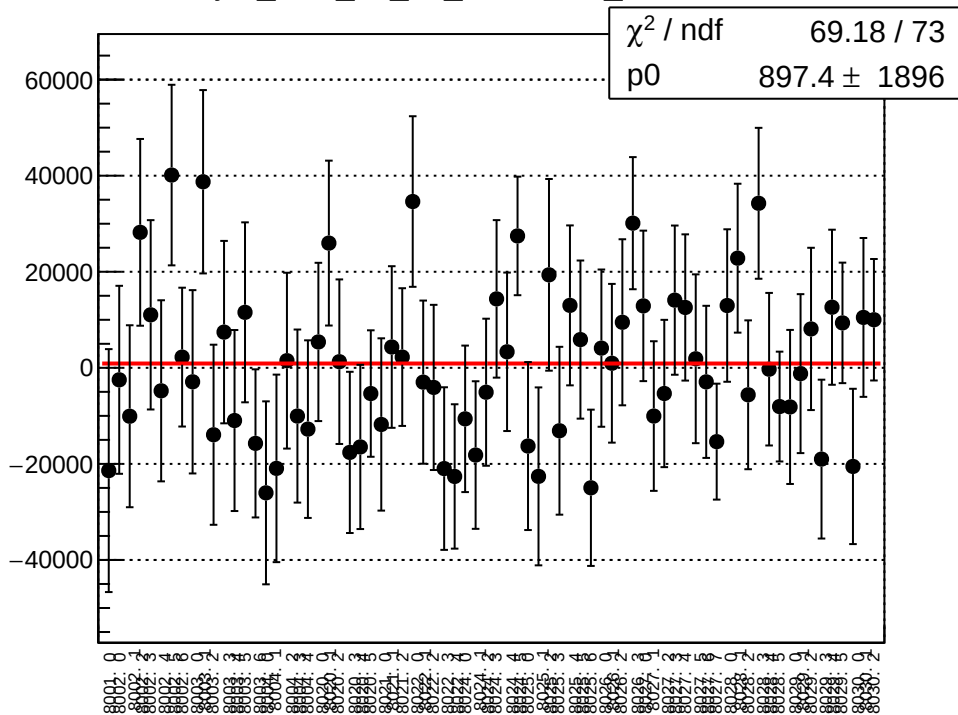


# reg\_asym\_sam\_48\_dd\_rms vs run

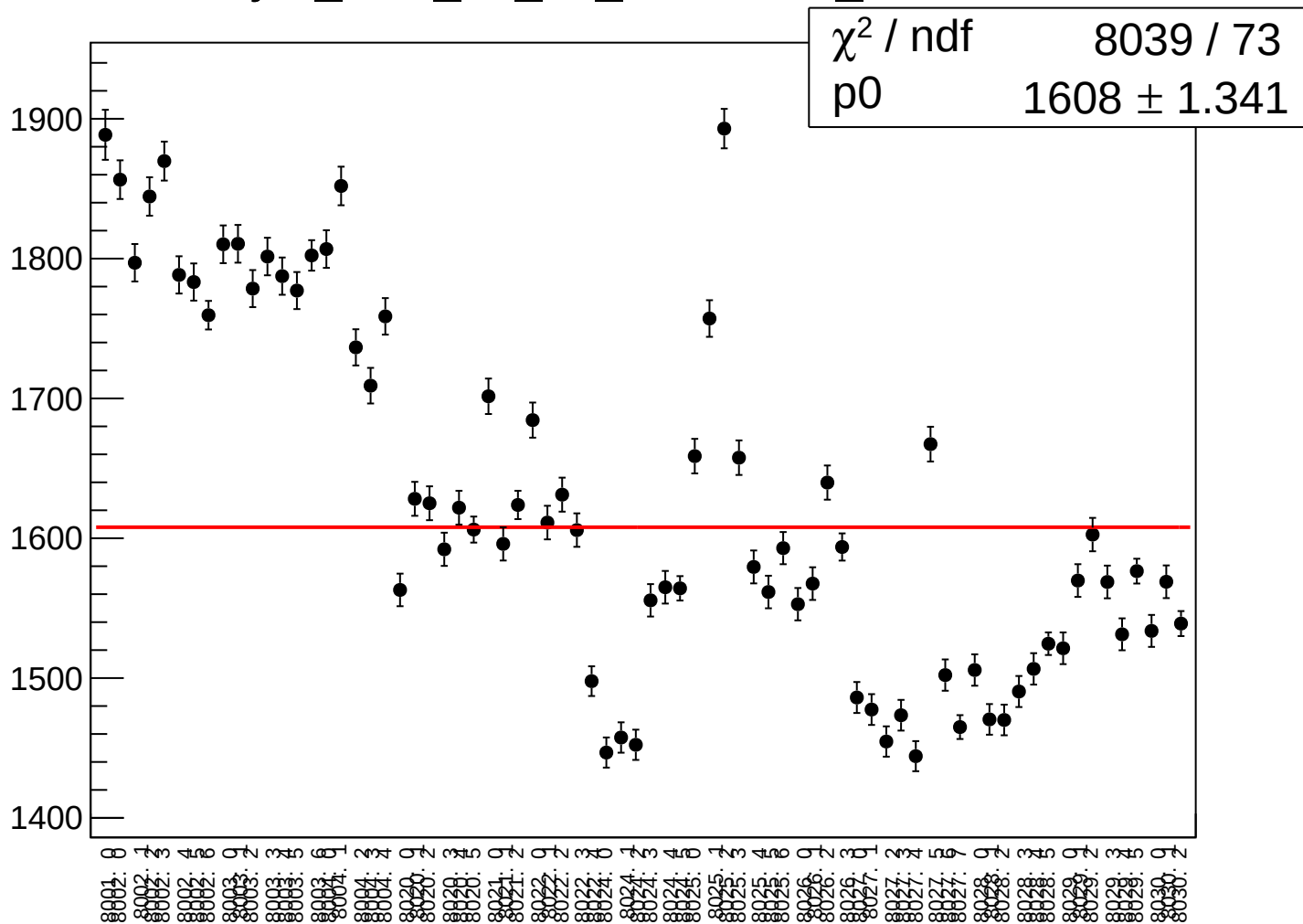




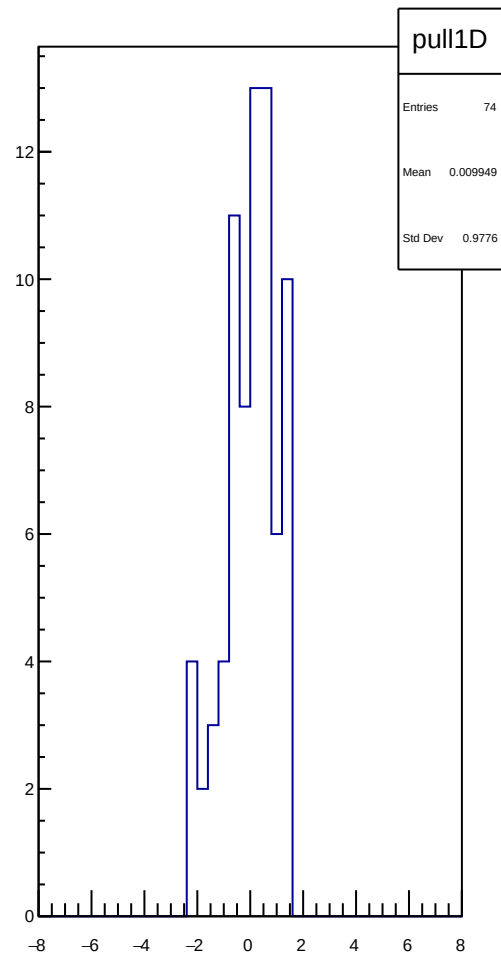
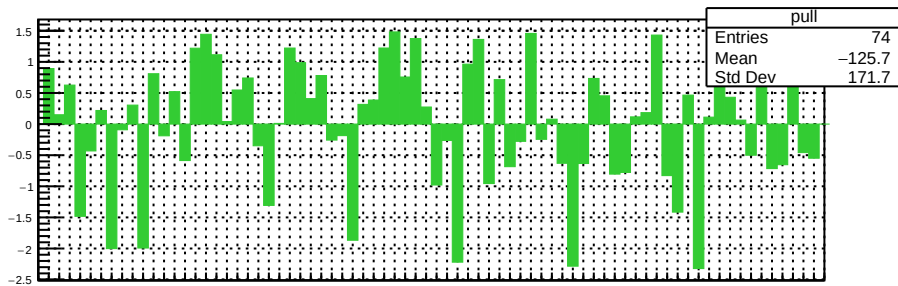
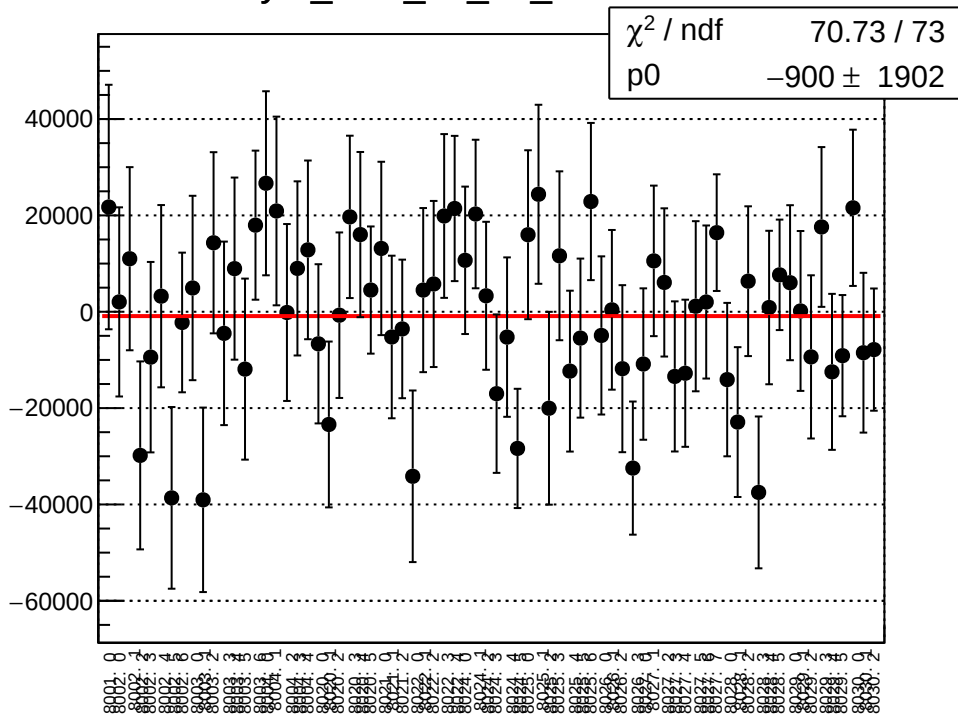
asym\_sam\_48\_dd\_correction\_mean vs run



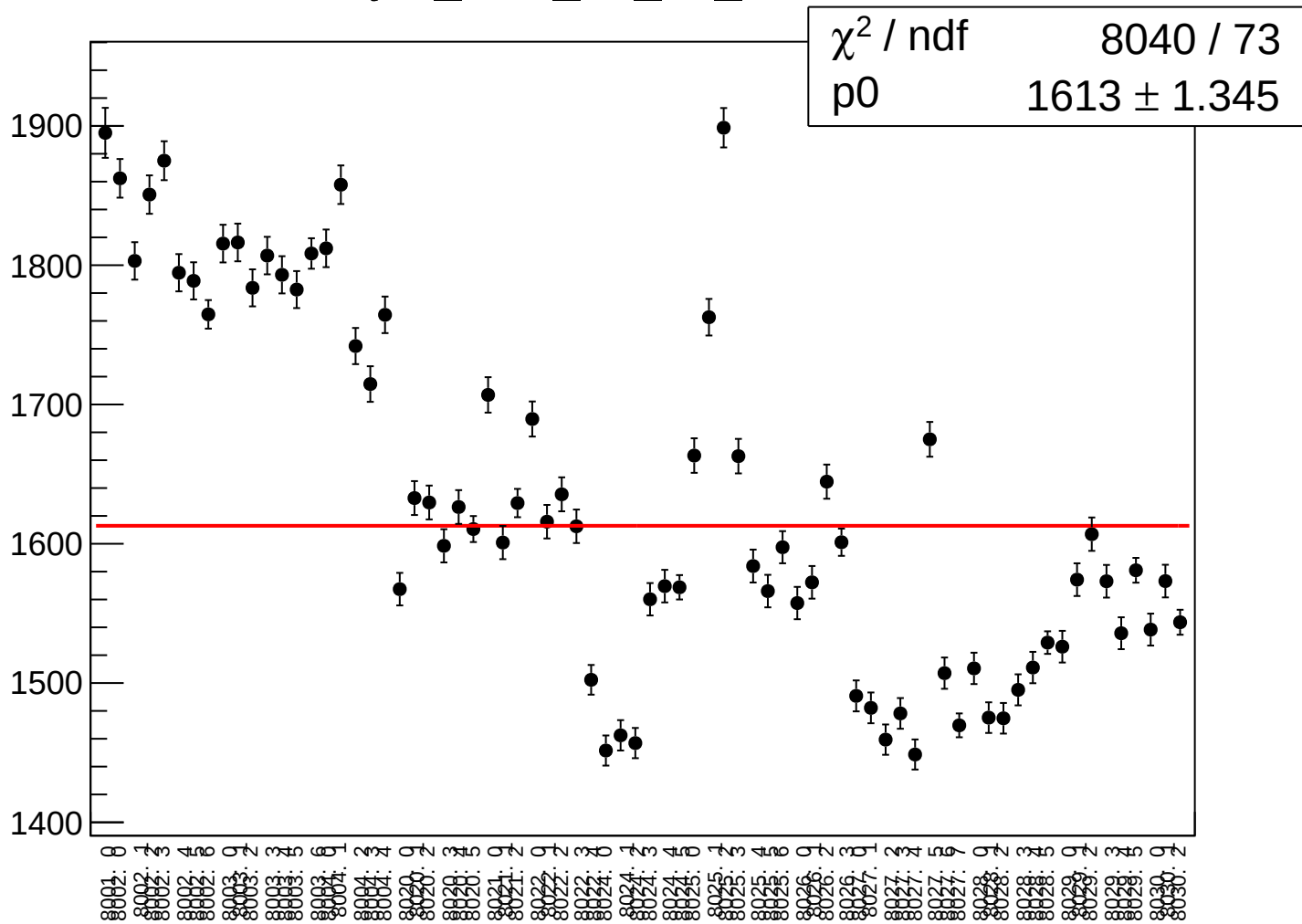
# asym\_sam\_48\_dd\_correction\_rms vs run



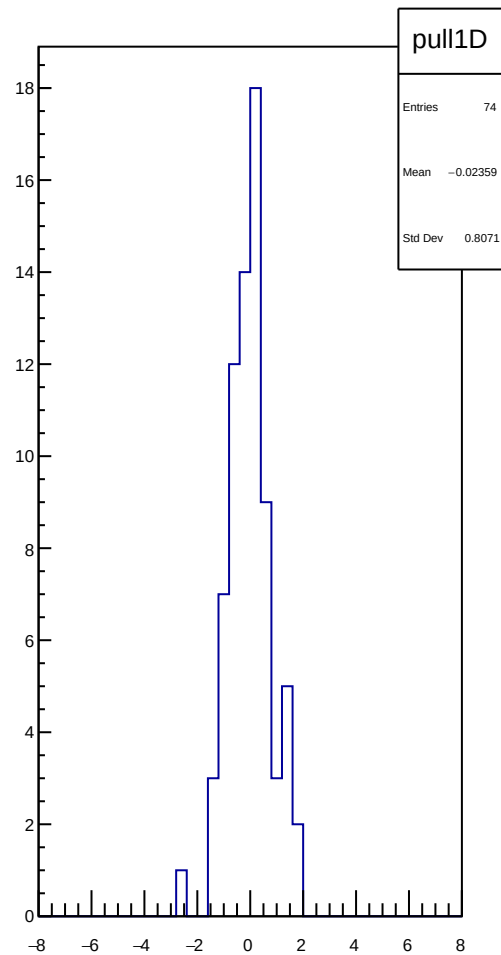
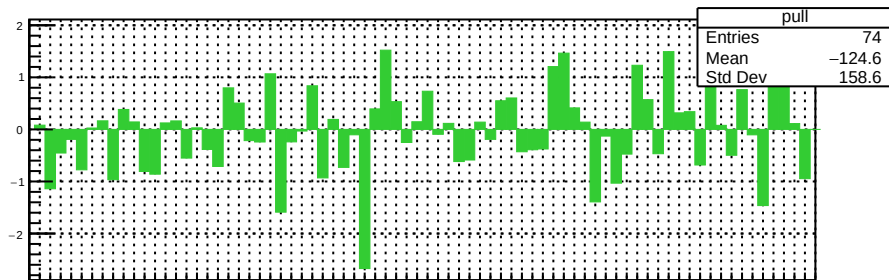
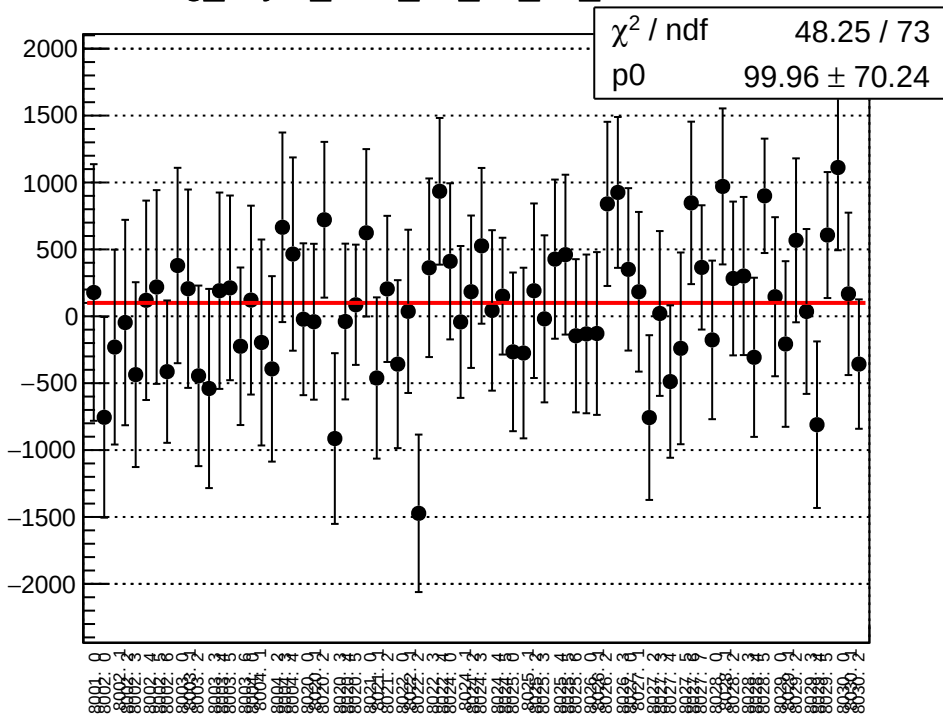
# asym\_sam\_48\_dd\_mean vs run



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

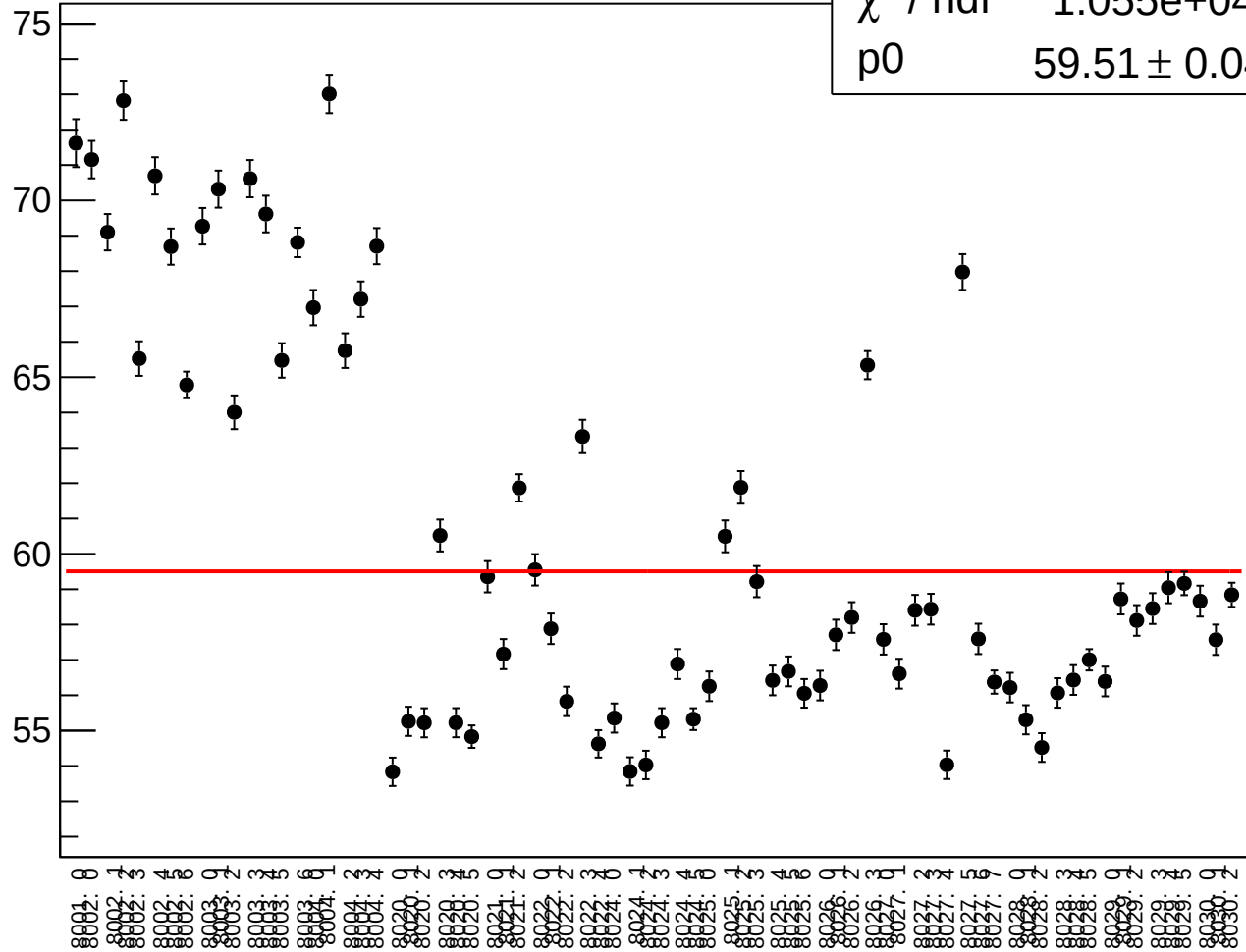


reg\_asym\_sam\_13\_57\_dd\_mean vs run

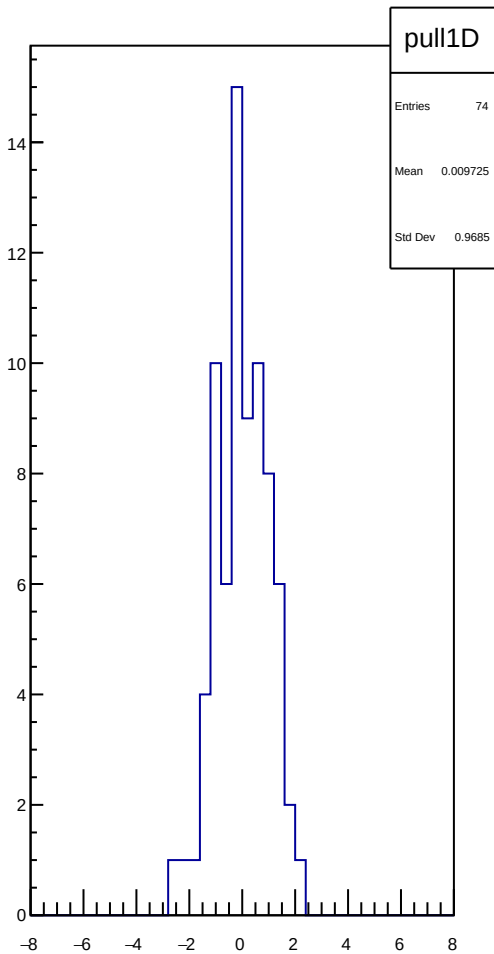
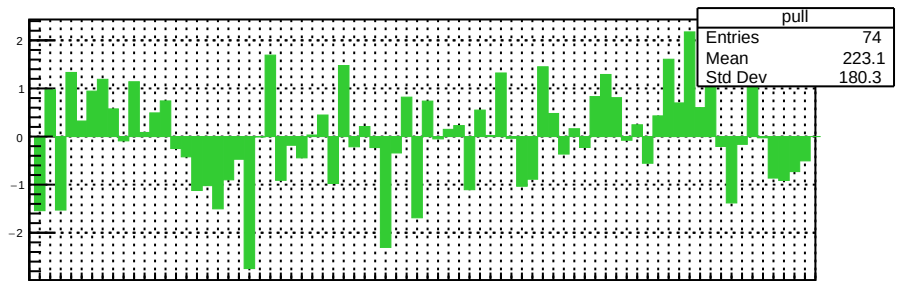
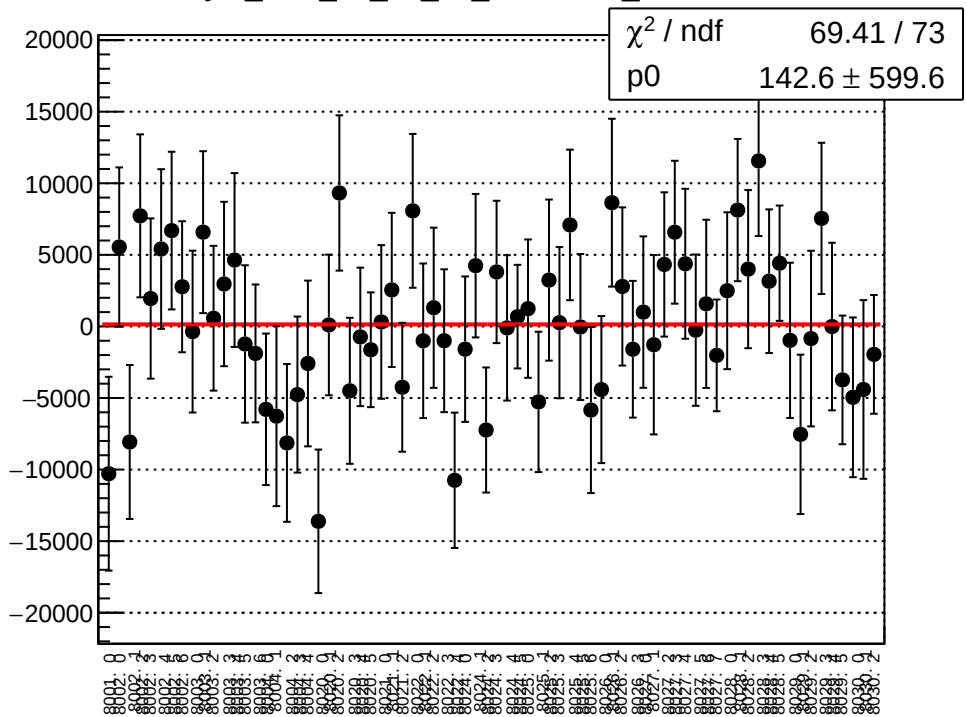


# reg\_asym\_sam\_13\_57\_dd\_rms vs run

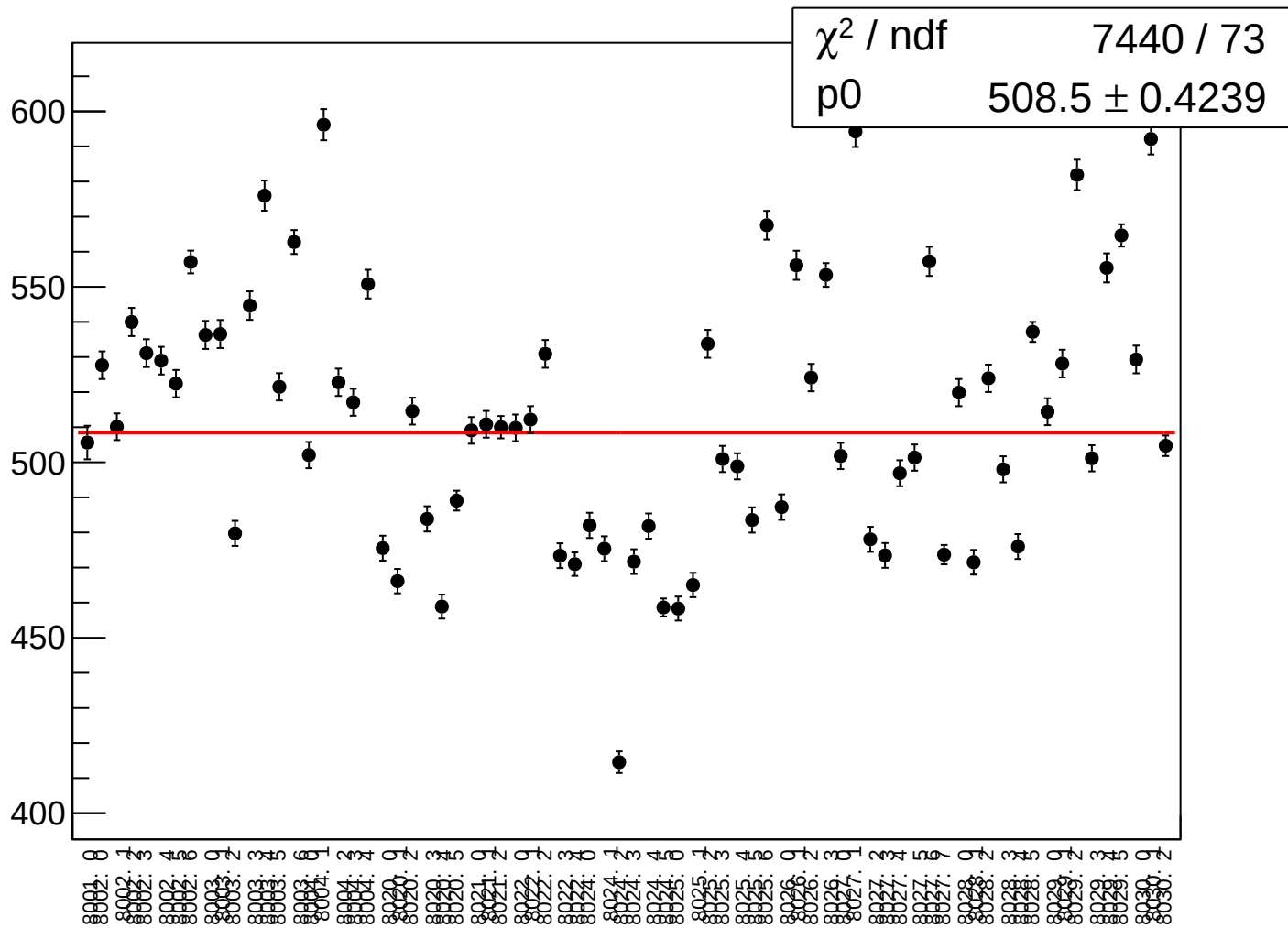
$\chi^2 / \text{ndf}$  1.055e+04 / 73  
p0 59.51 ± 0.04967



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

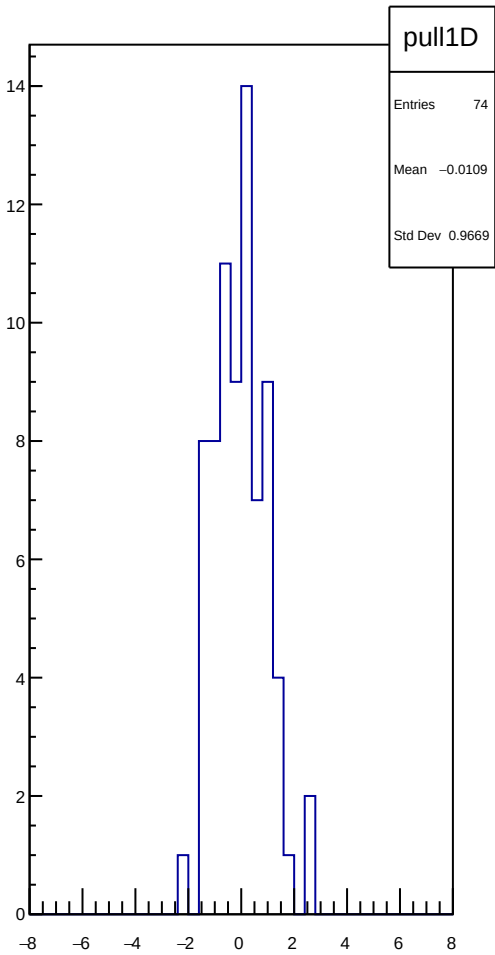
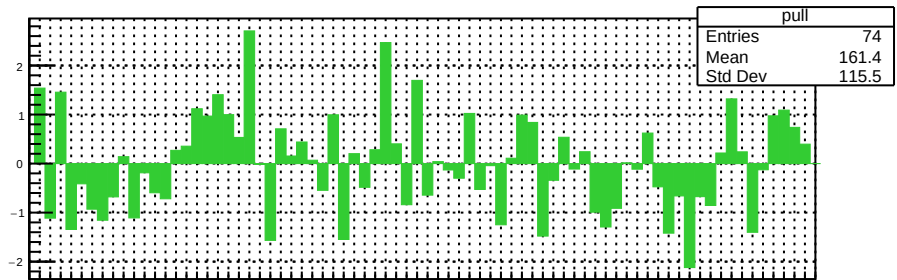
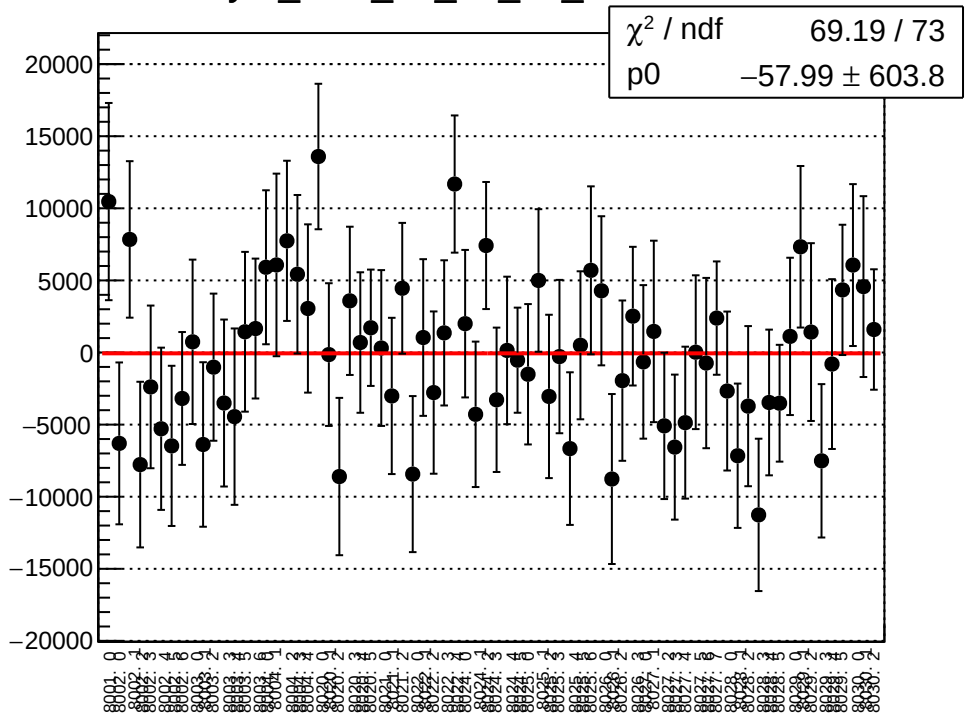


asym\_sam\_13\_57\_dd\_correction\_rms vs run

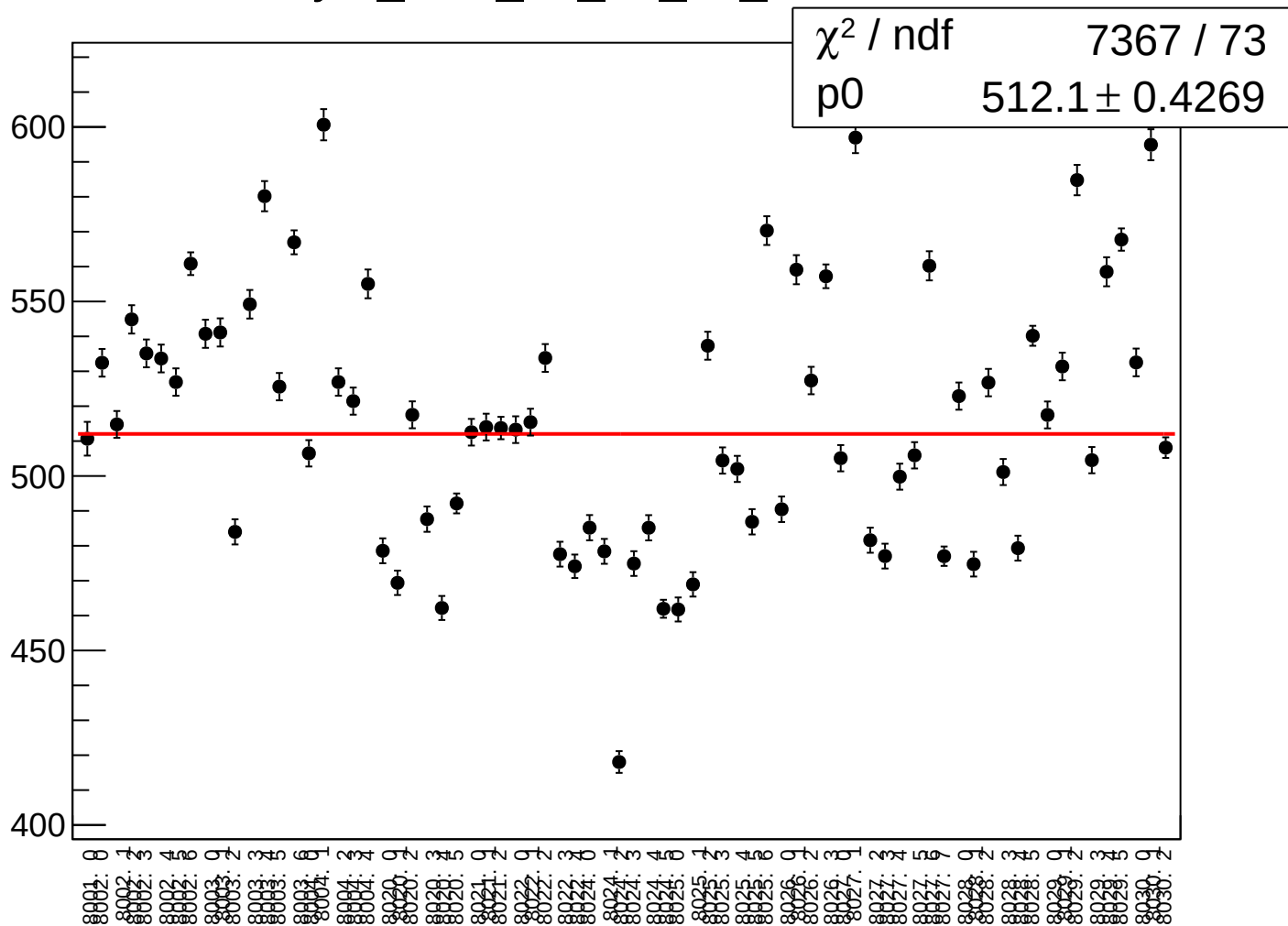




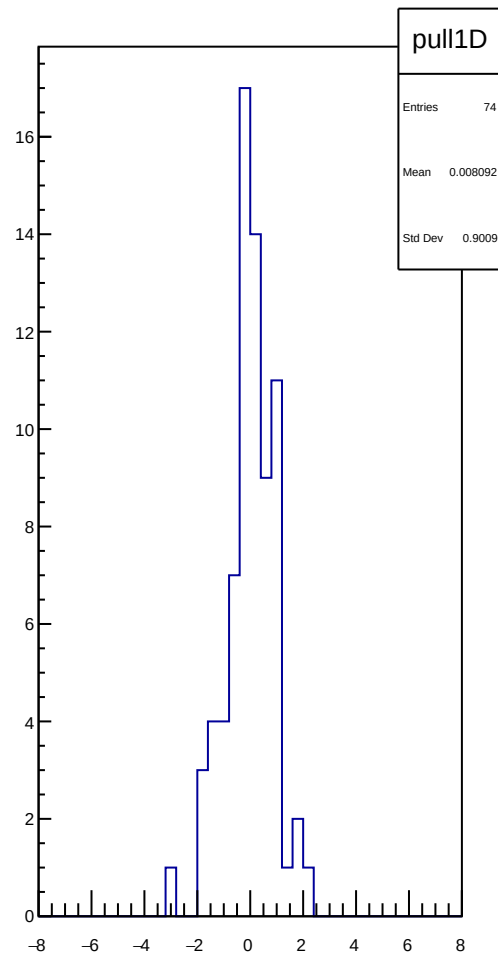
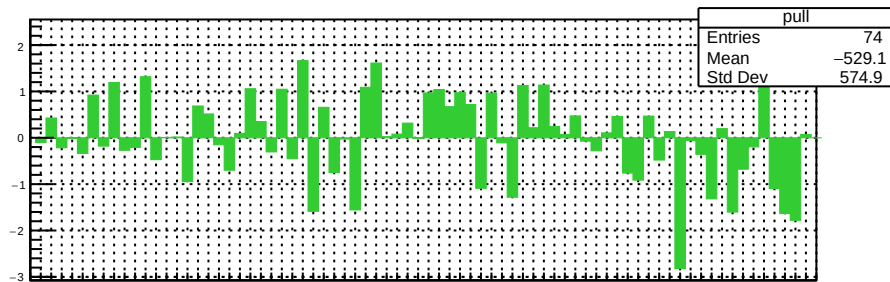
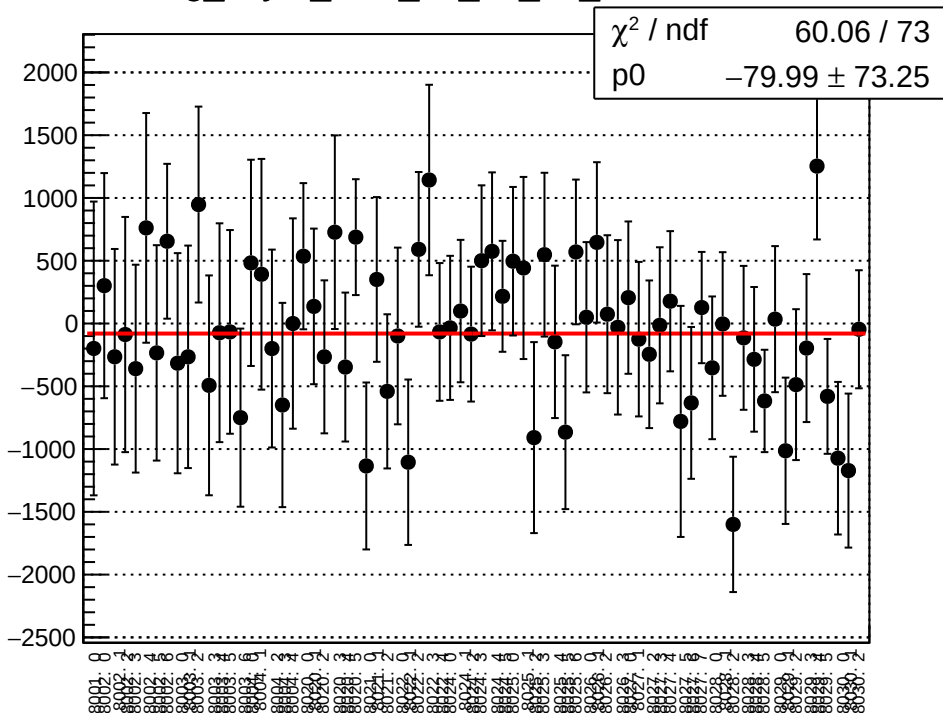
asym\_sam\_13\_57\_dd\_mean vs run



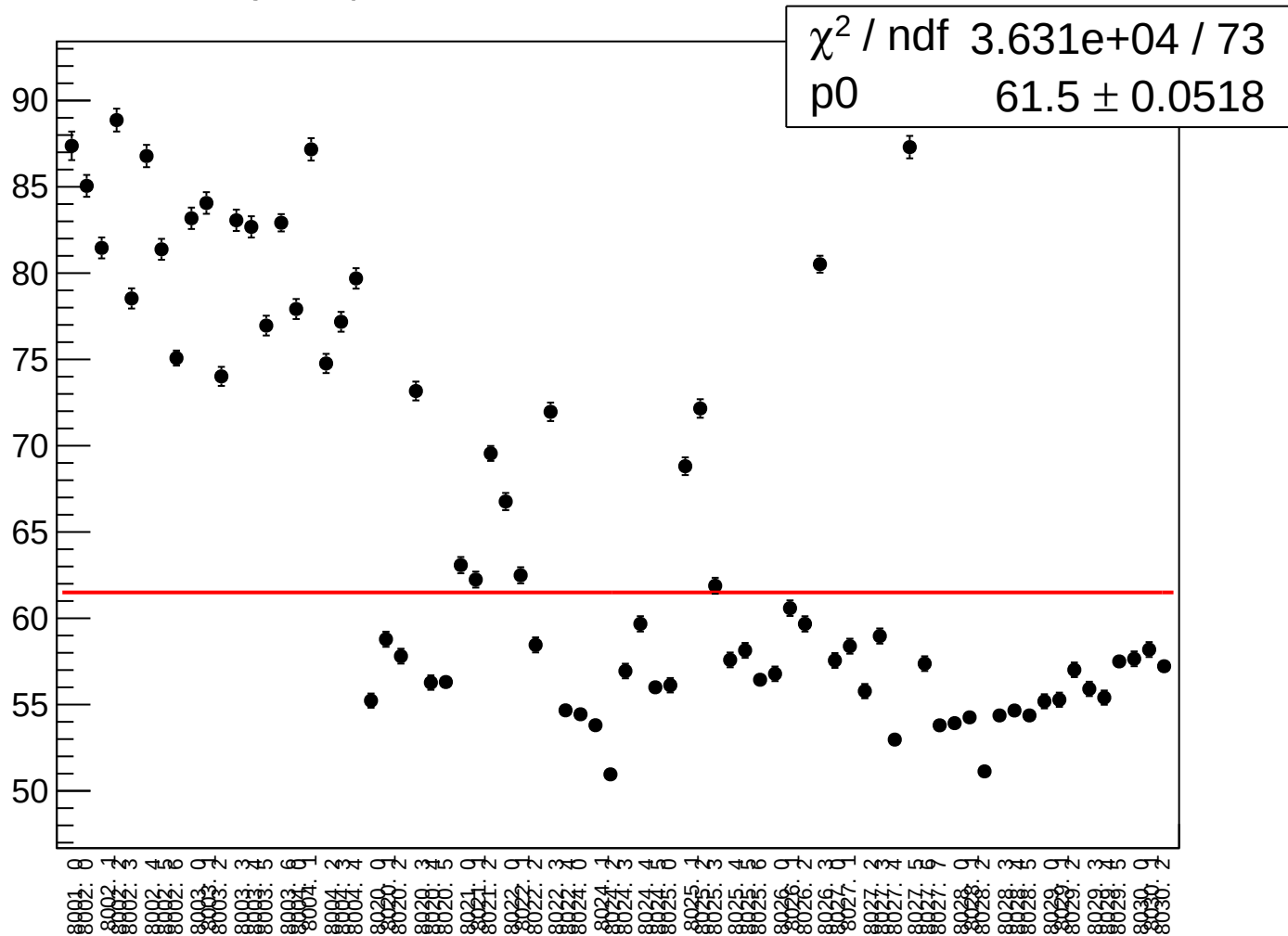
asym\_sam\_13\_57\_dd\_rms vs run



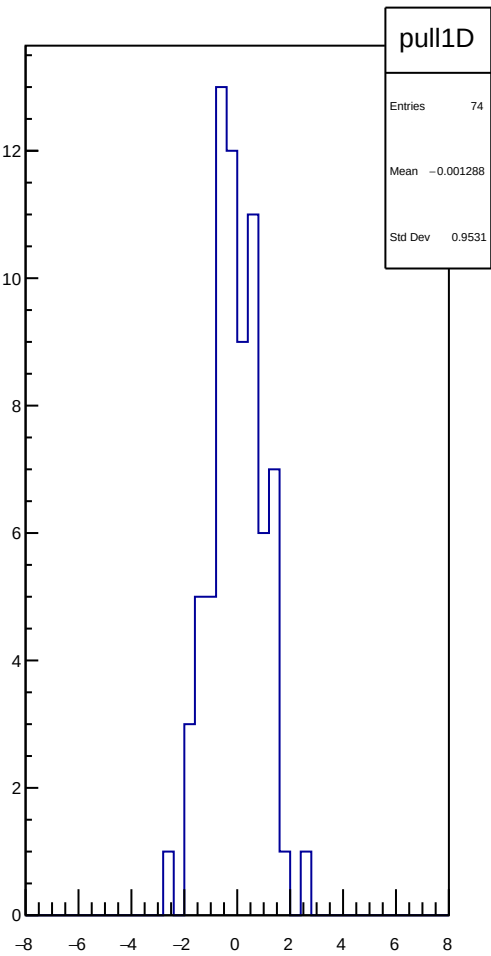
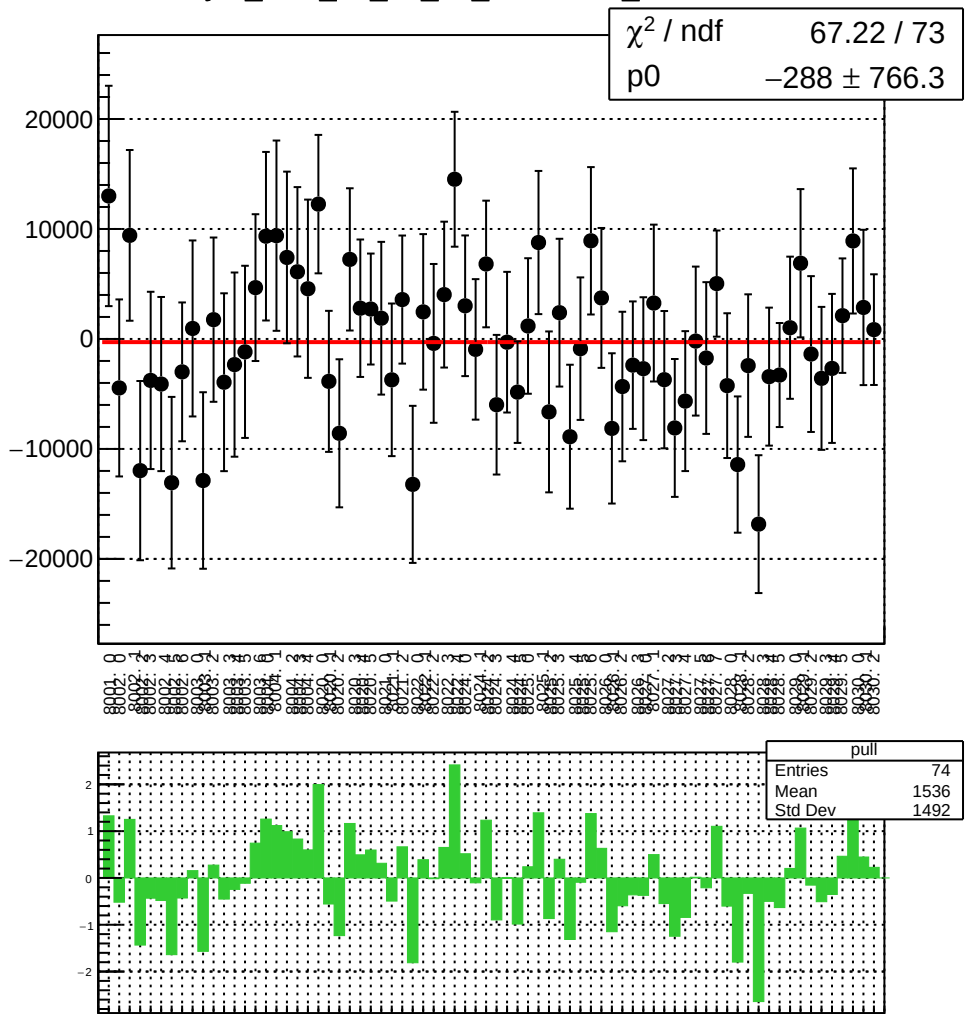
reg\_asym\_sam\_15\_37\_dd\_mean vs run



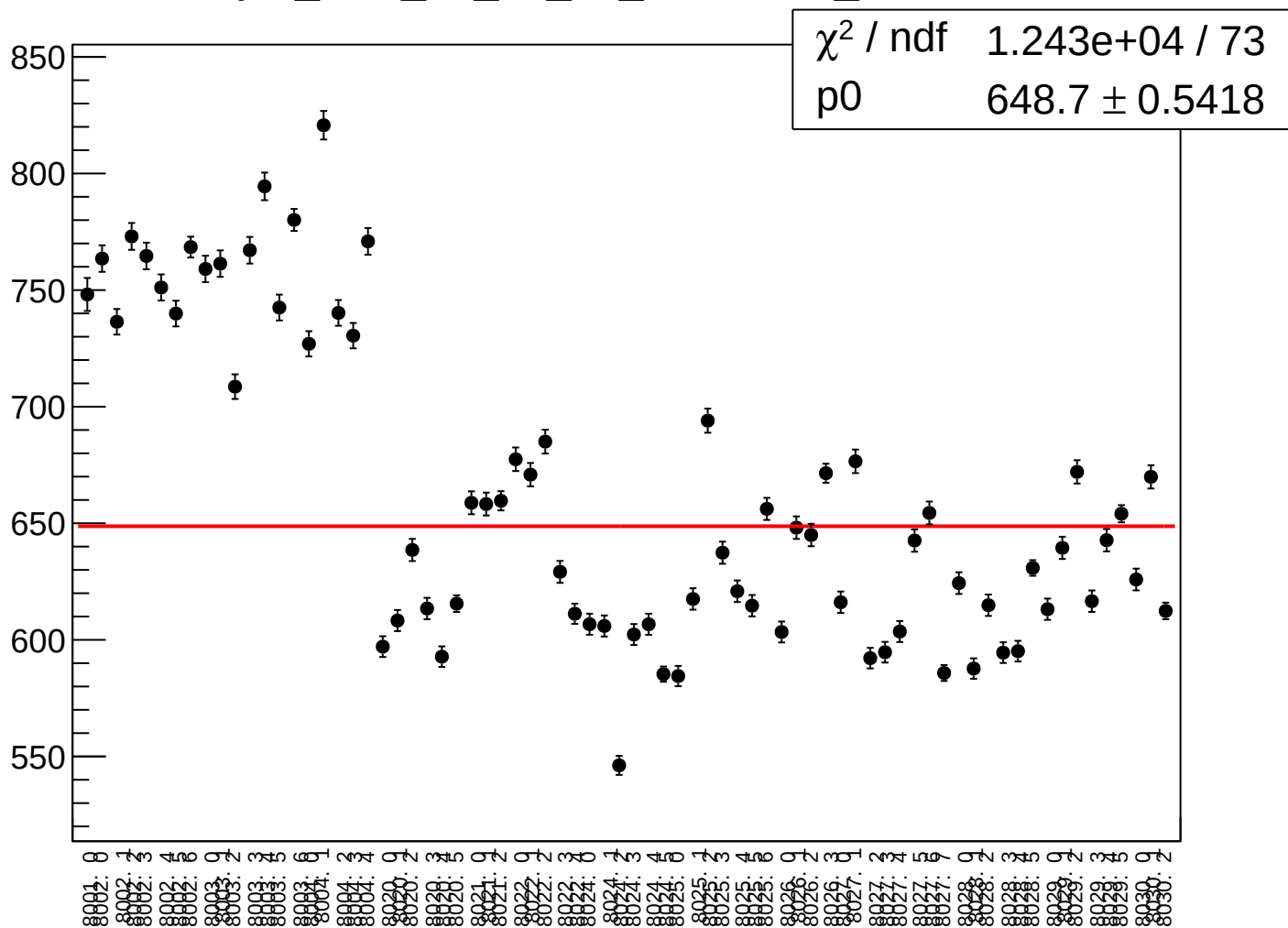
reg\_asym\_sam\_15\_37\_dd\_rms vs run



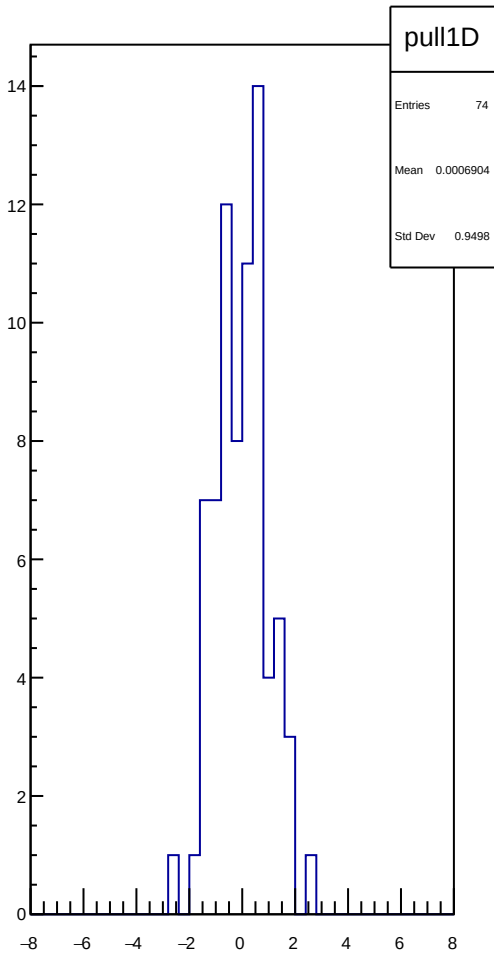
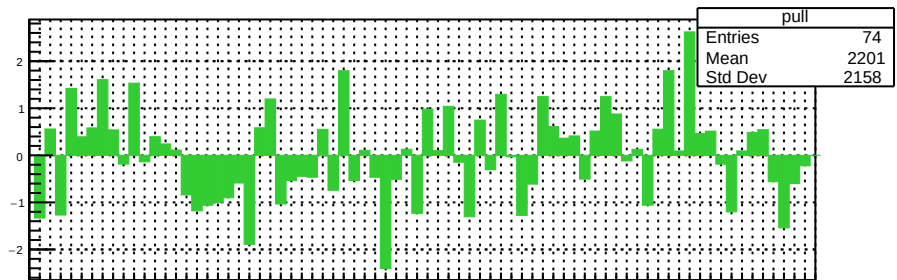
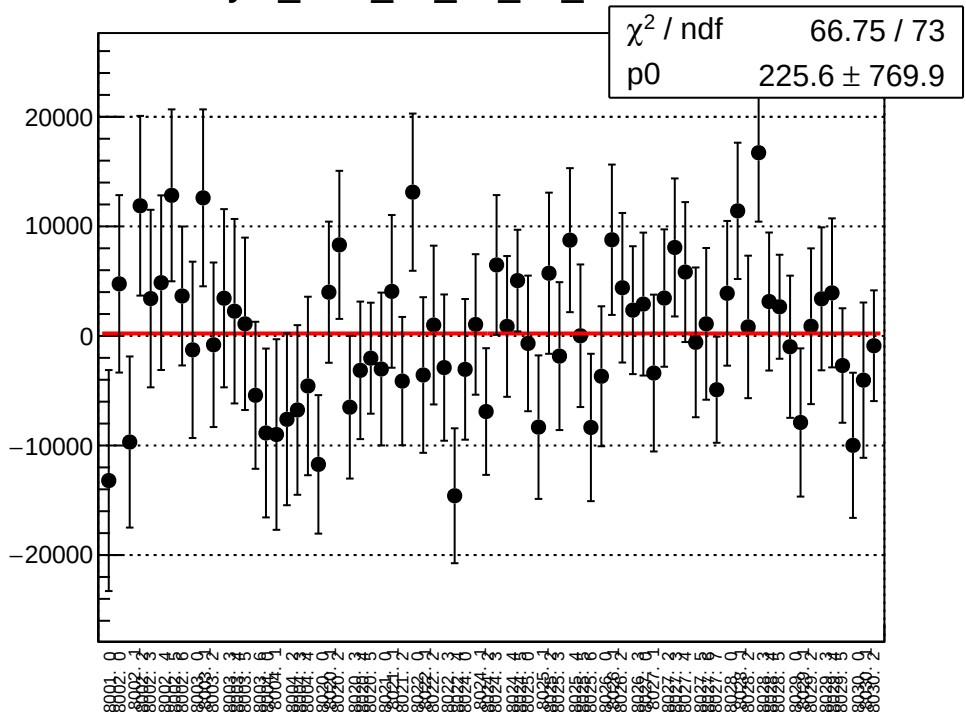
asym\_sam\_15\_37\_dd\_correction\_mean vs run



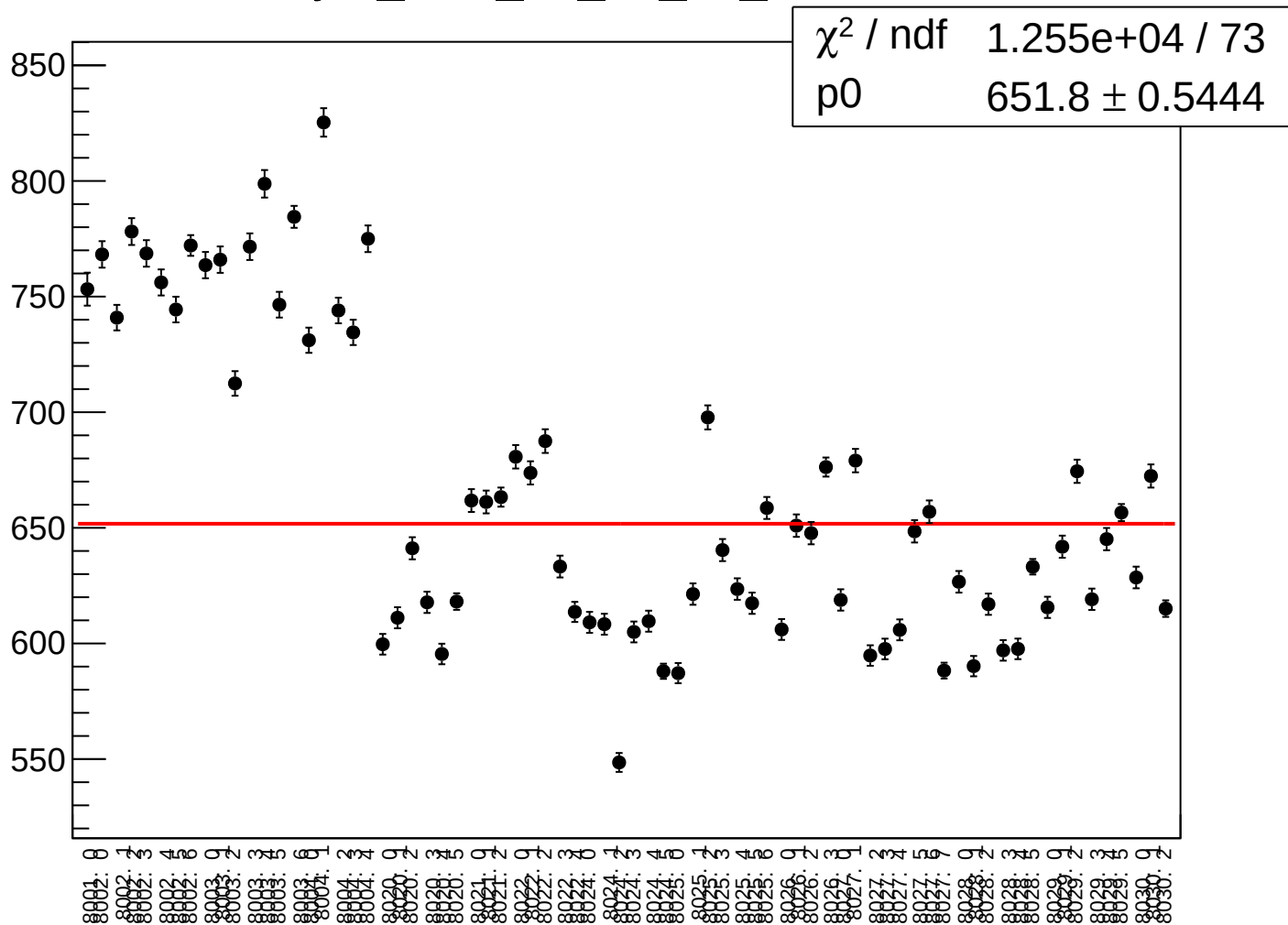
asym\_sam\_15\_37\_dd\_correction\_rms vs run



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

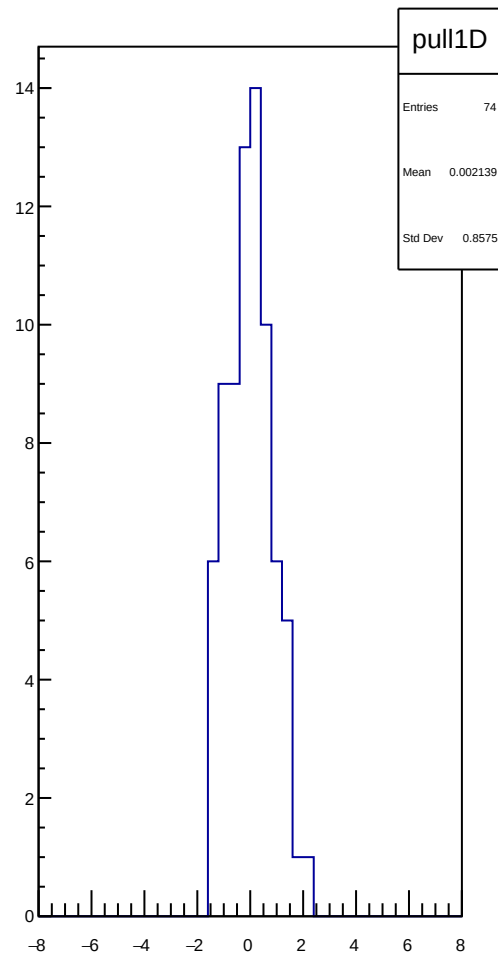
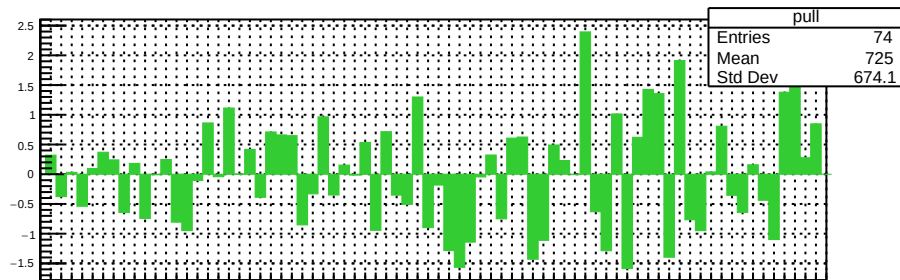
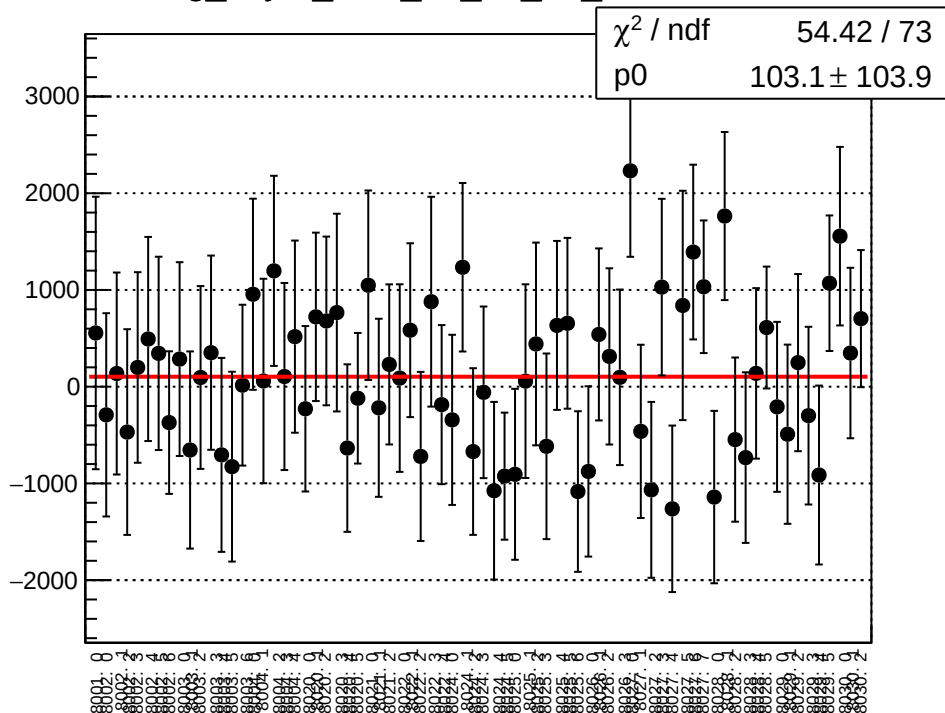


asym\_sam\_15\_37\_dd\_rms vs run

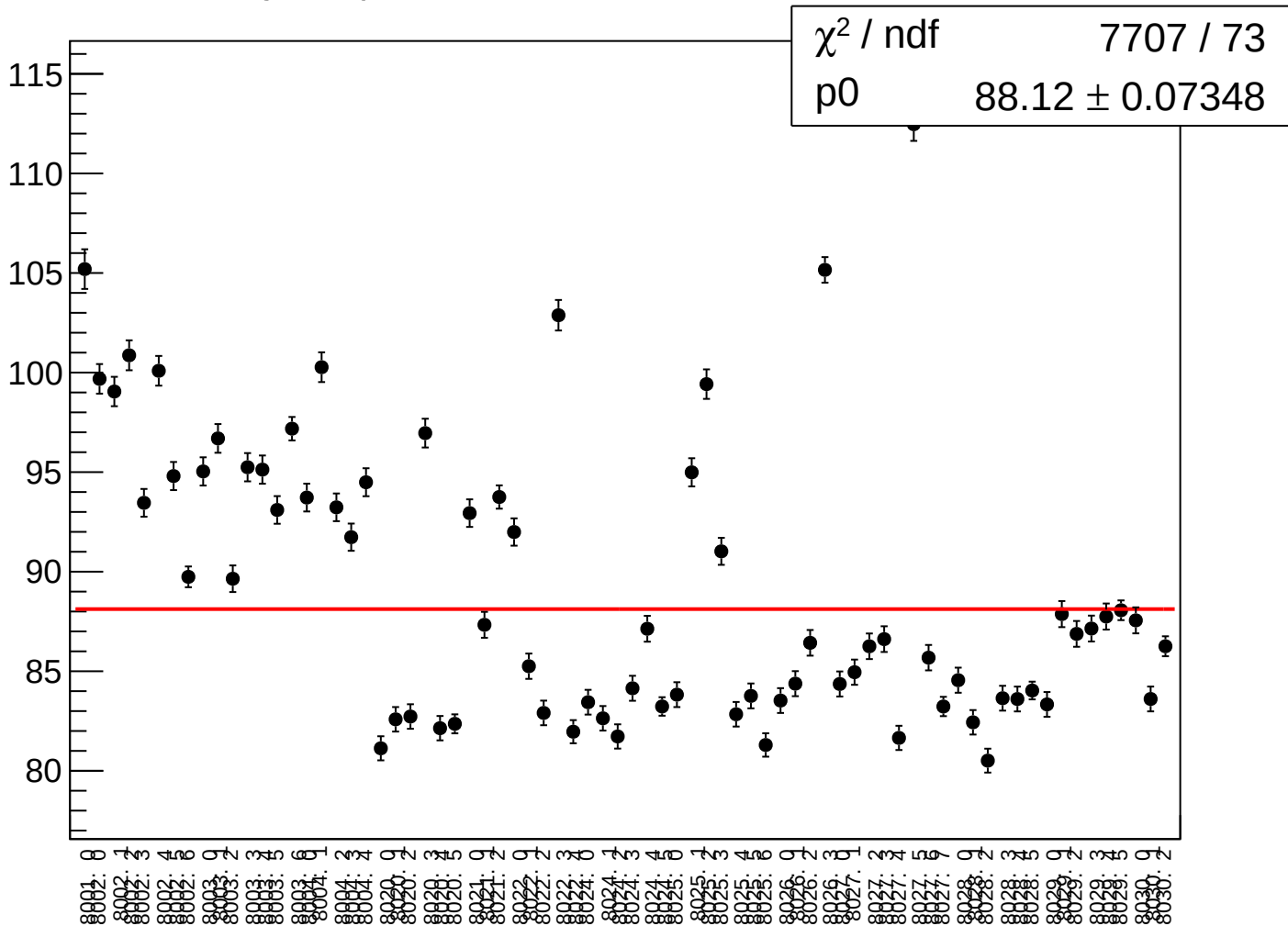




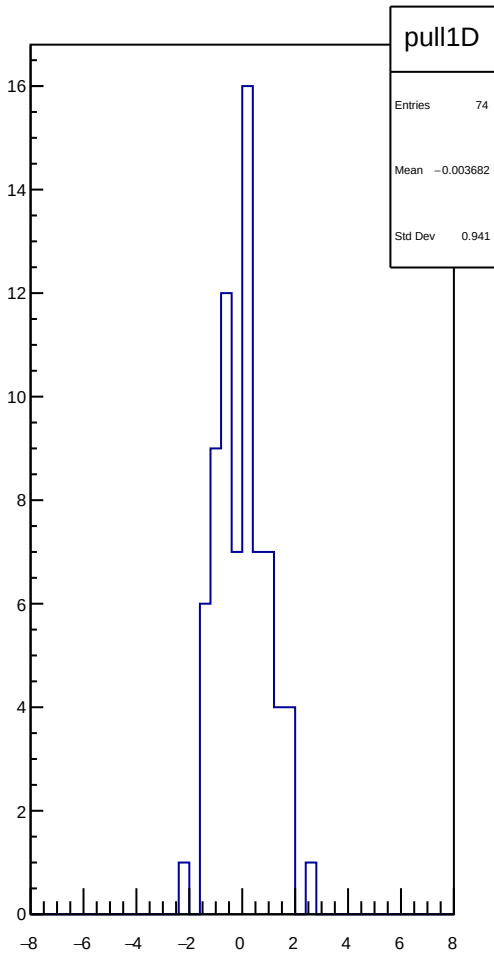
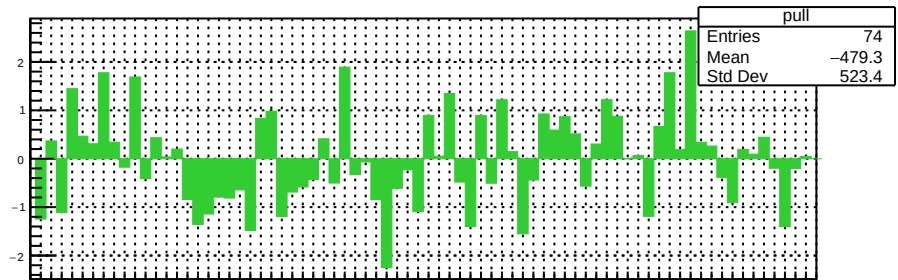
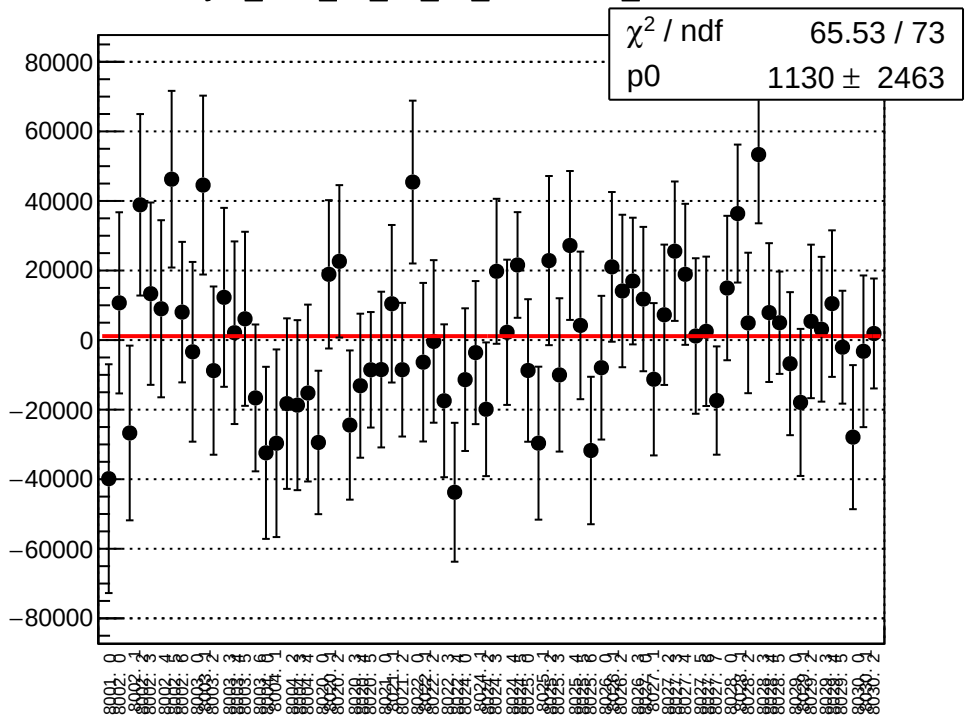
reg\_asym\_sam\_24\_68\_dd\_mean vs run



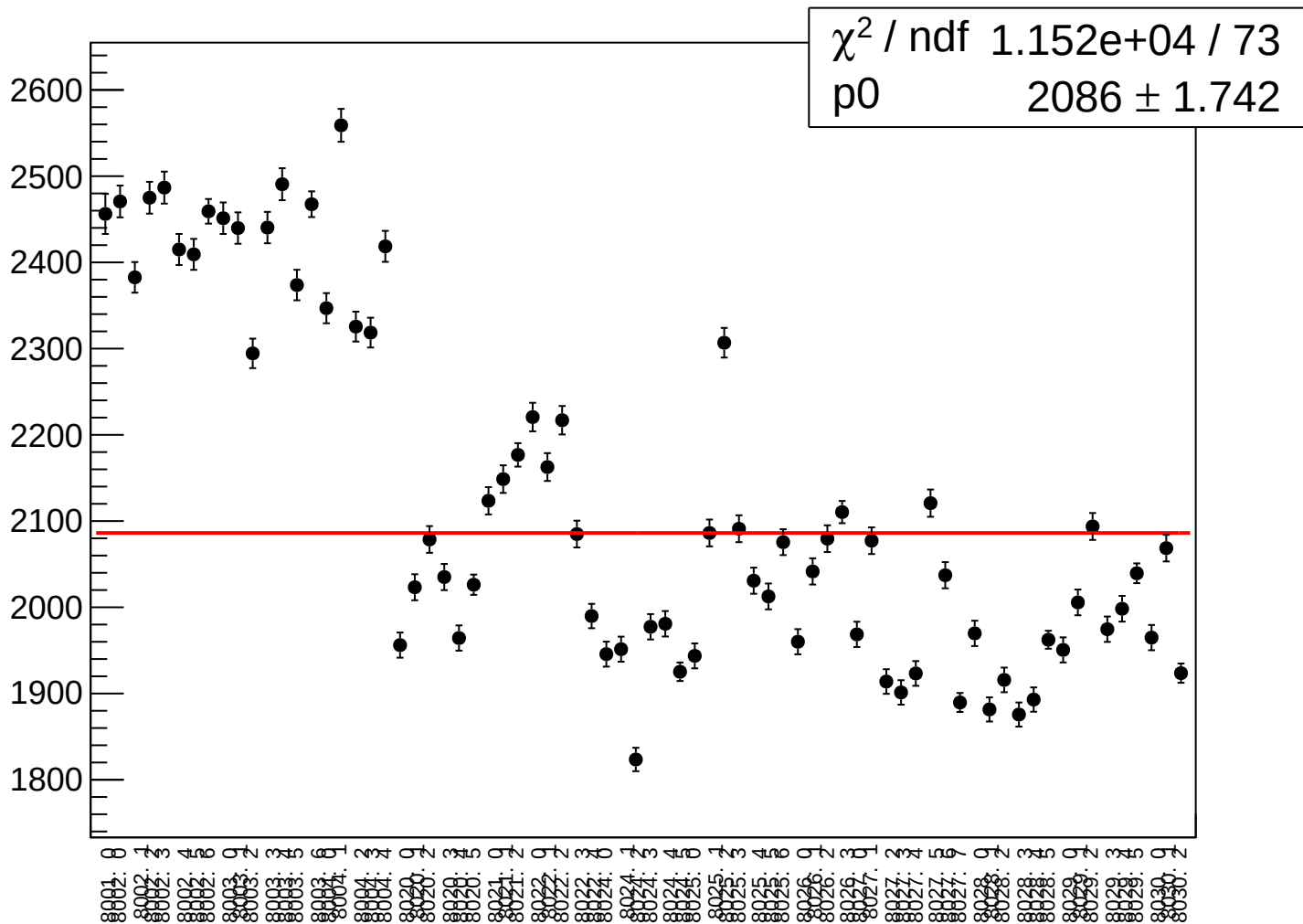
# reg\_asym\_sam\_24\_68\_dd\_rms vs run



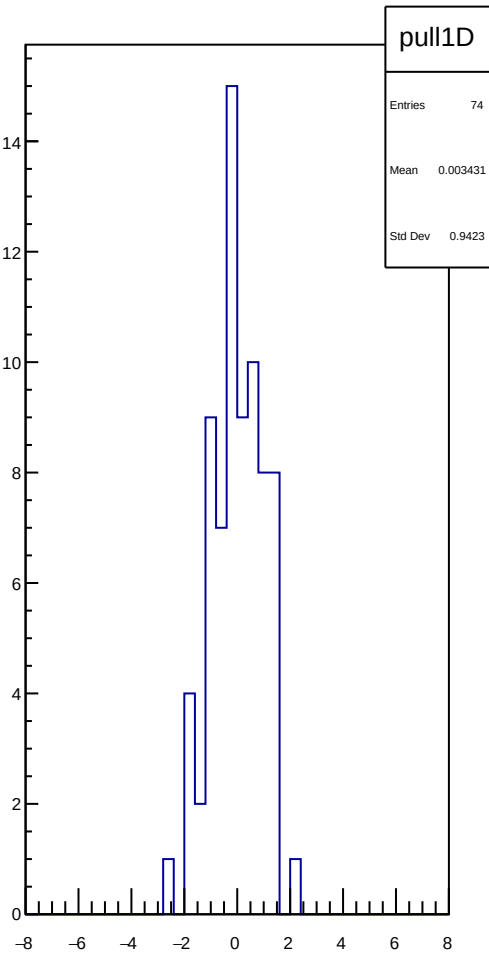
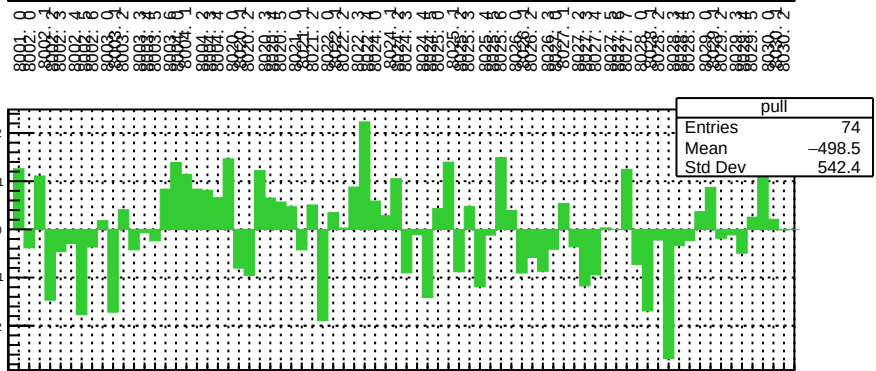
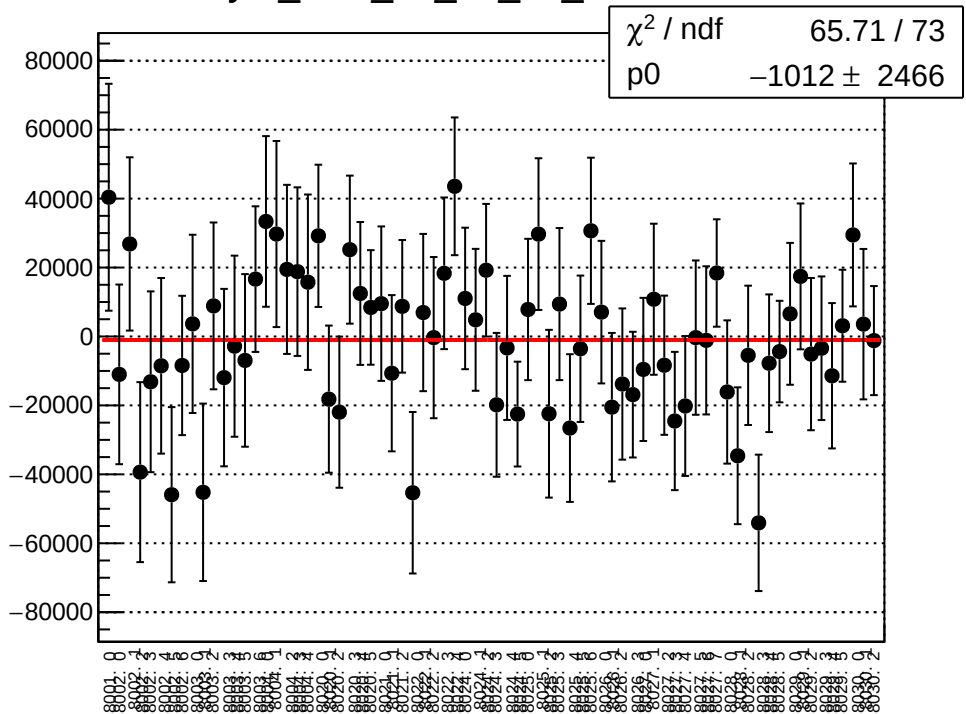
asym\_sam\_24\_68\_dd\_correction\_mean vs run



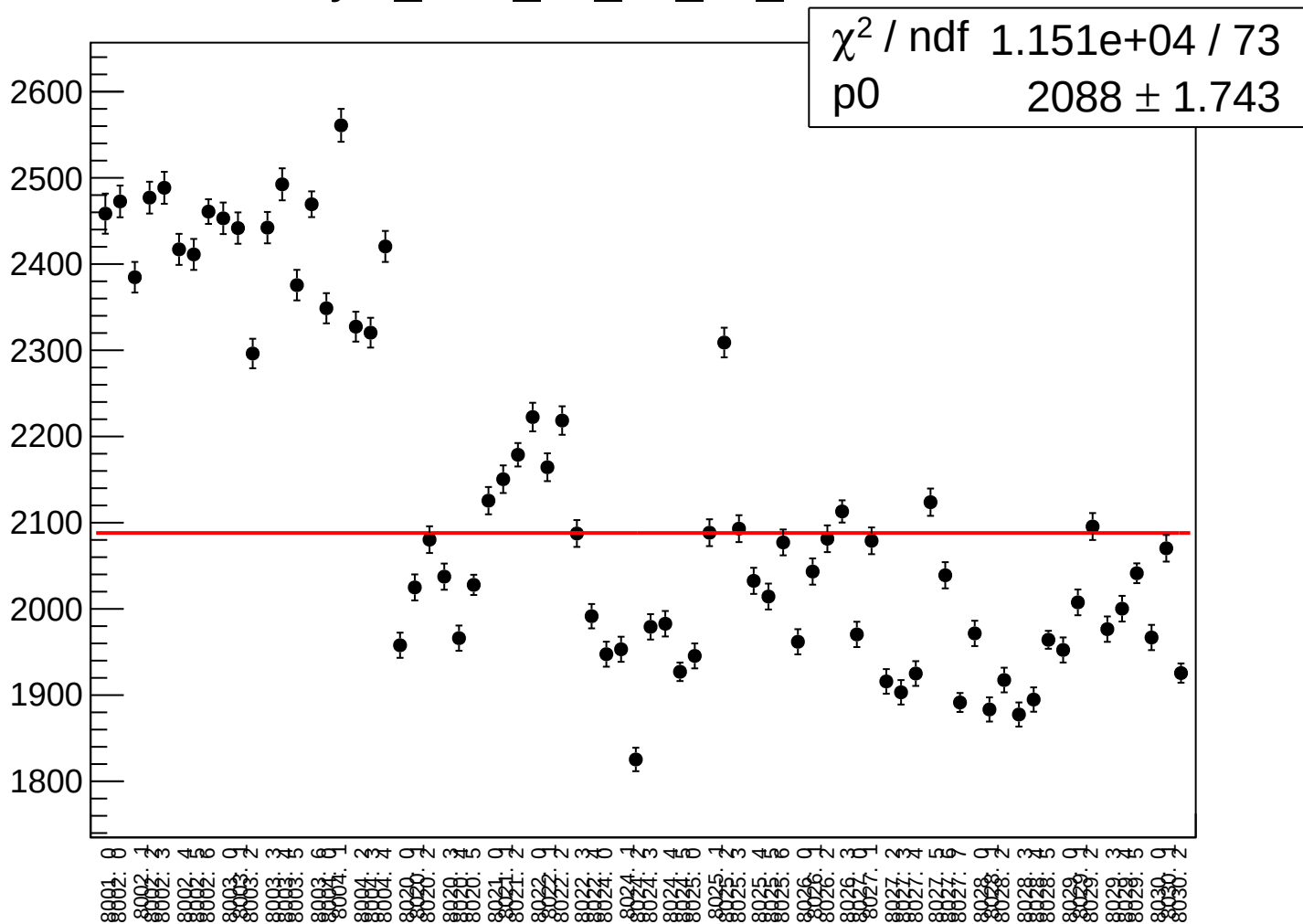
asym\_sam\_24\_68\_dd\_correction\_rms vs run



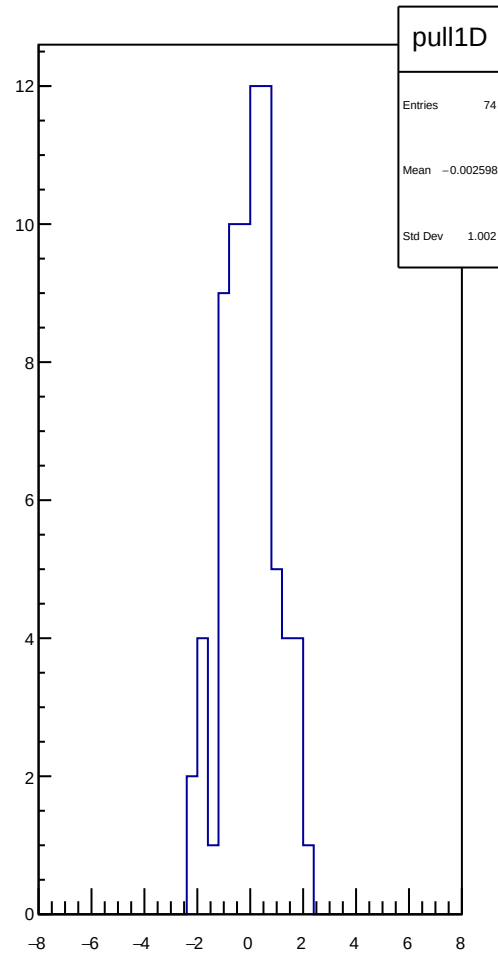
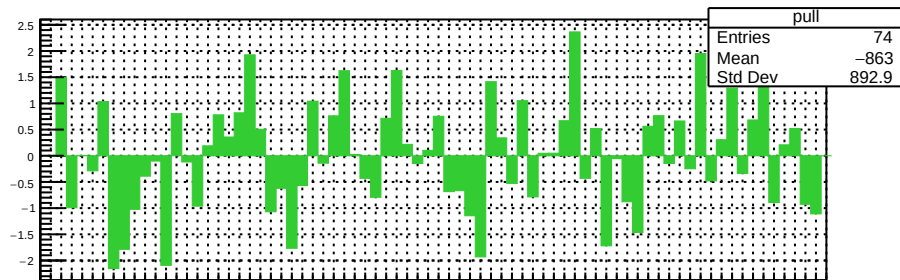
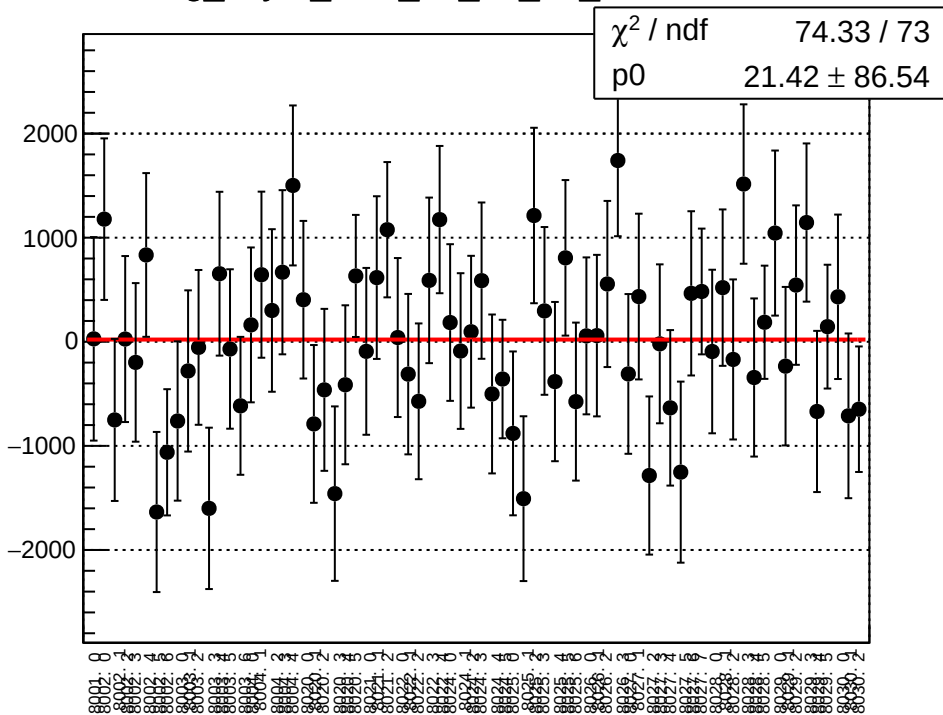
asym\_sam\_24\_68\_dd\_mean vs run



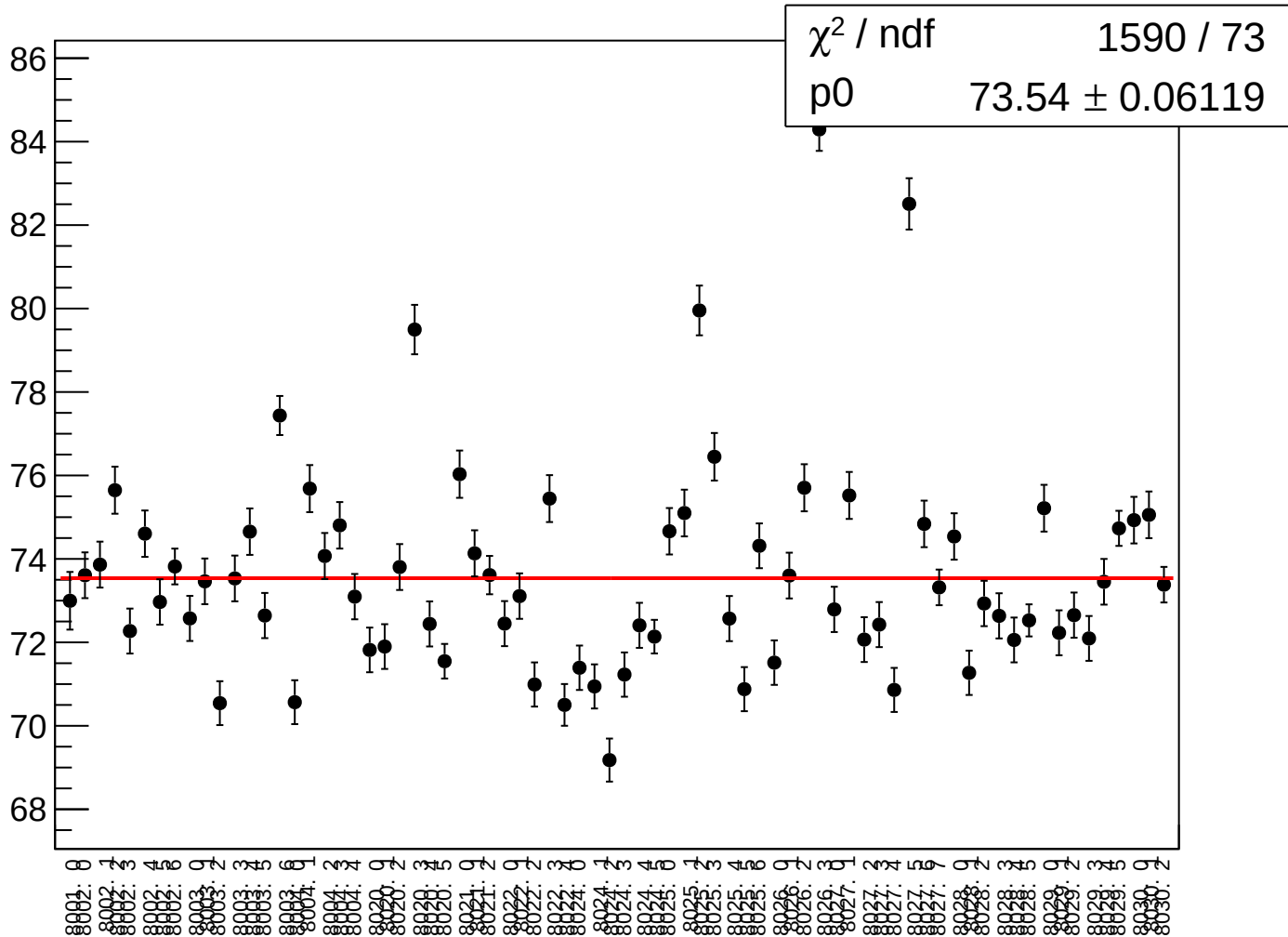
asym\_sam\_24\_68\_dd\_rms vs run



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

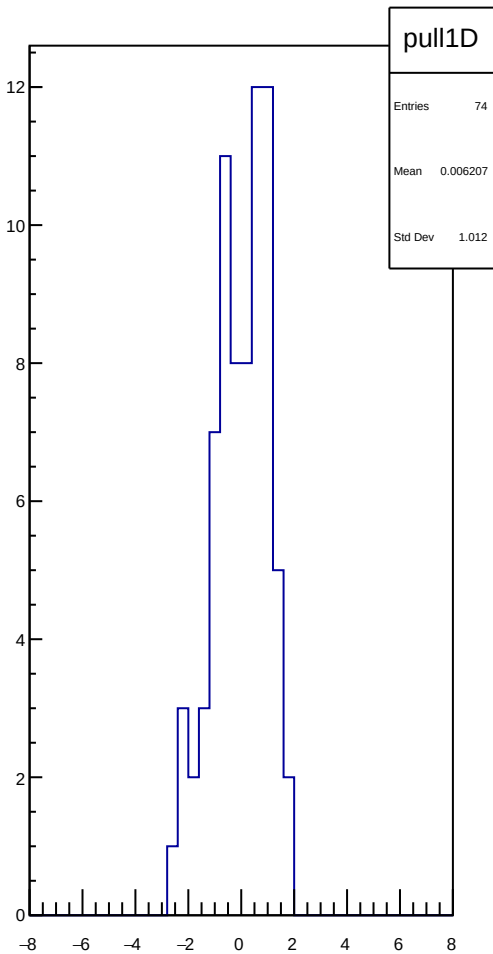
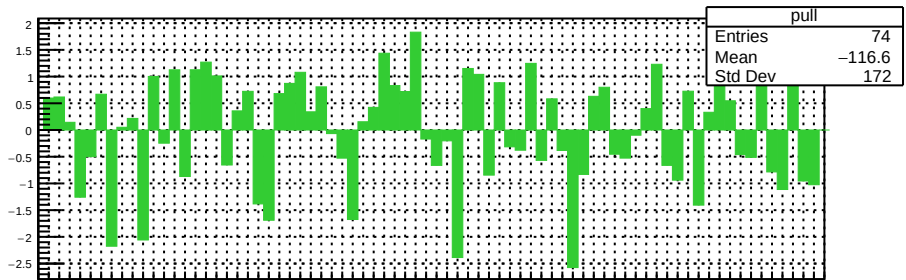
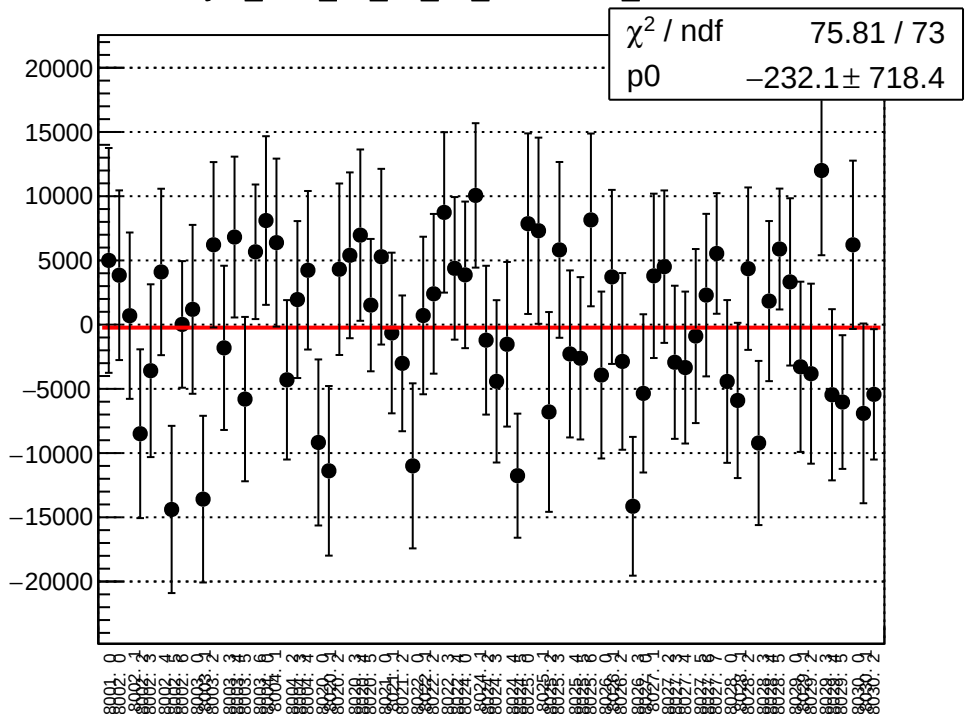


# reg\_asym\_sam\_26\_48\_dd\_rms vs run

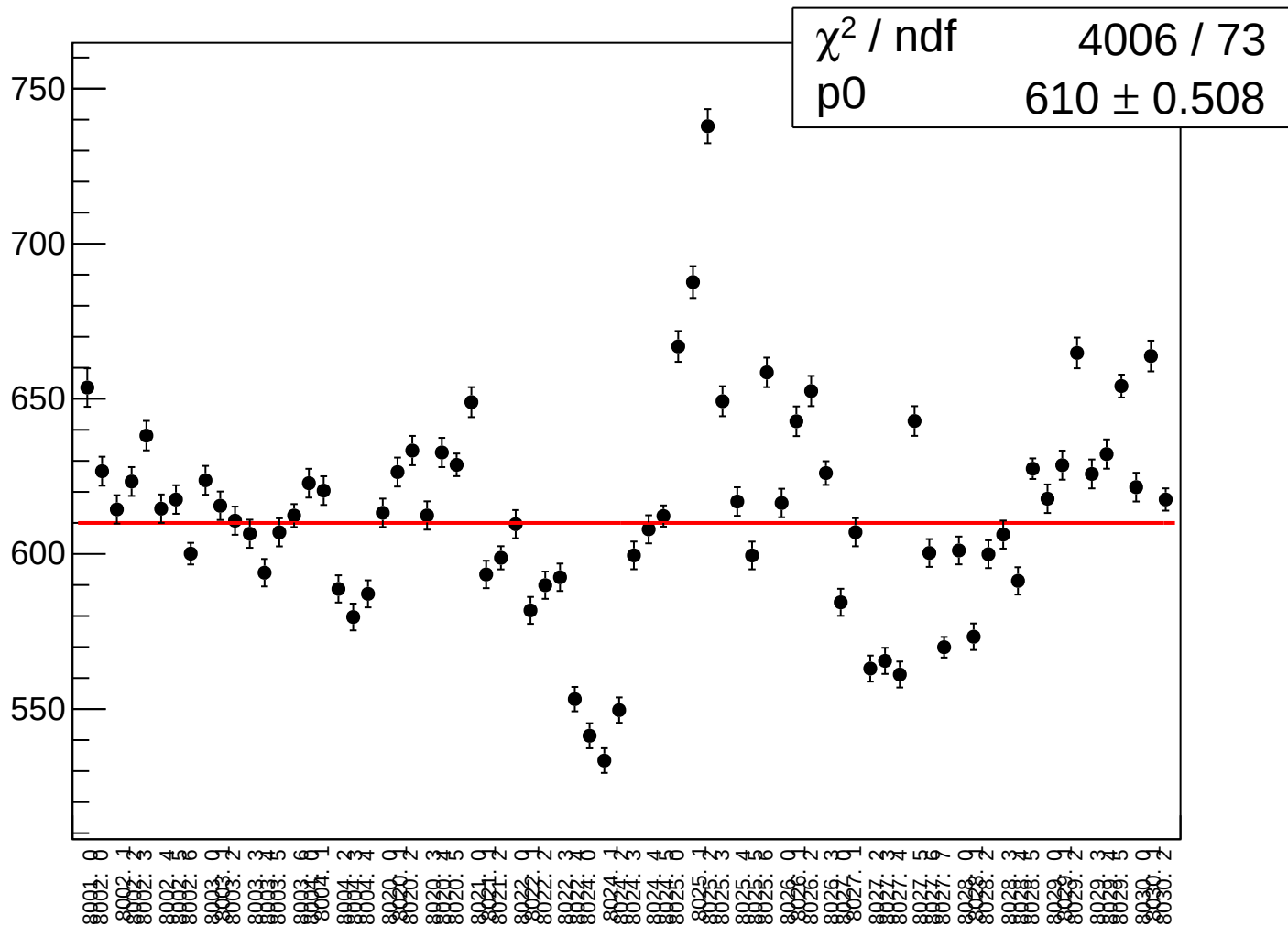




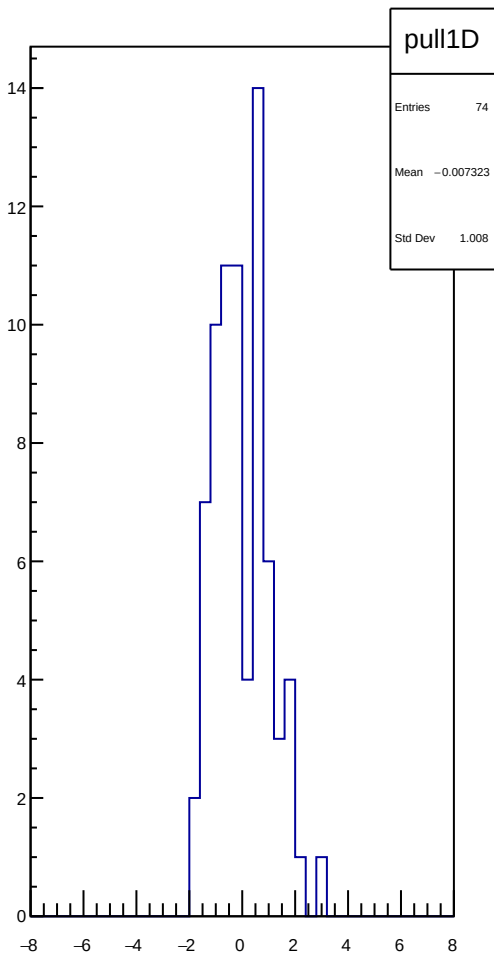
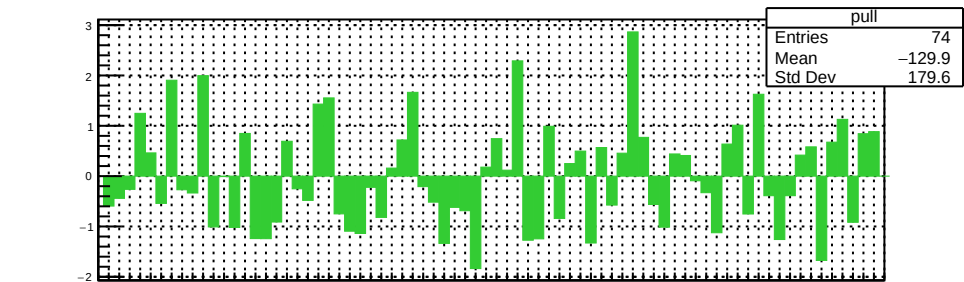
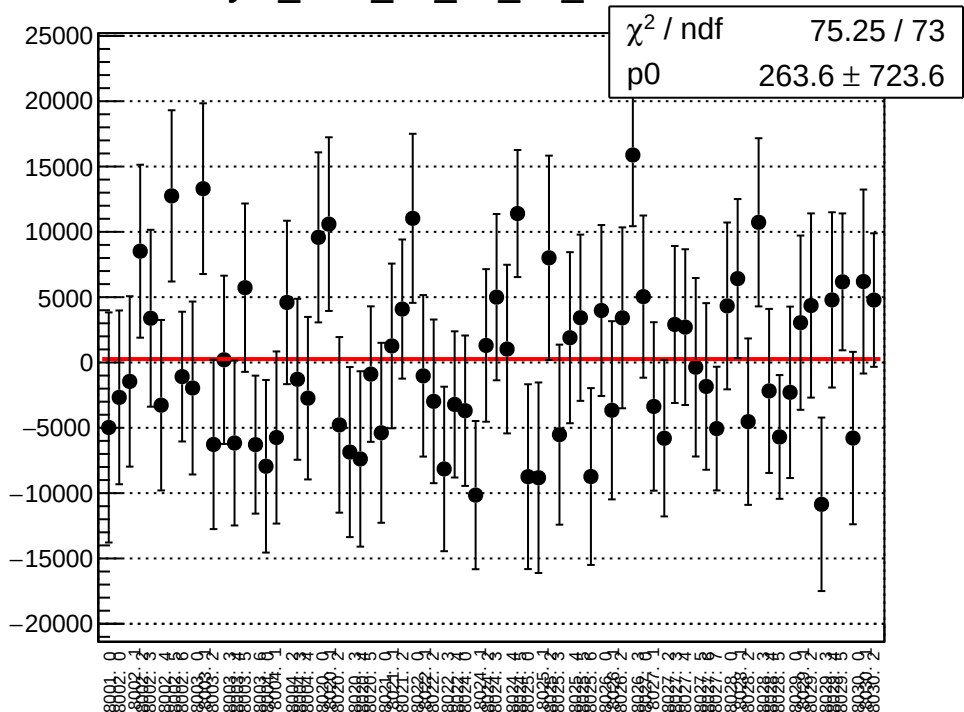
asym\_sam\_26\_48\_dd\_correction\_mean vs run



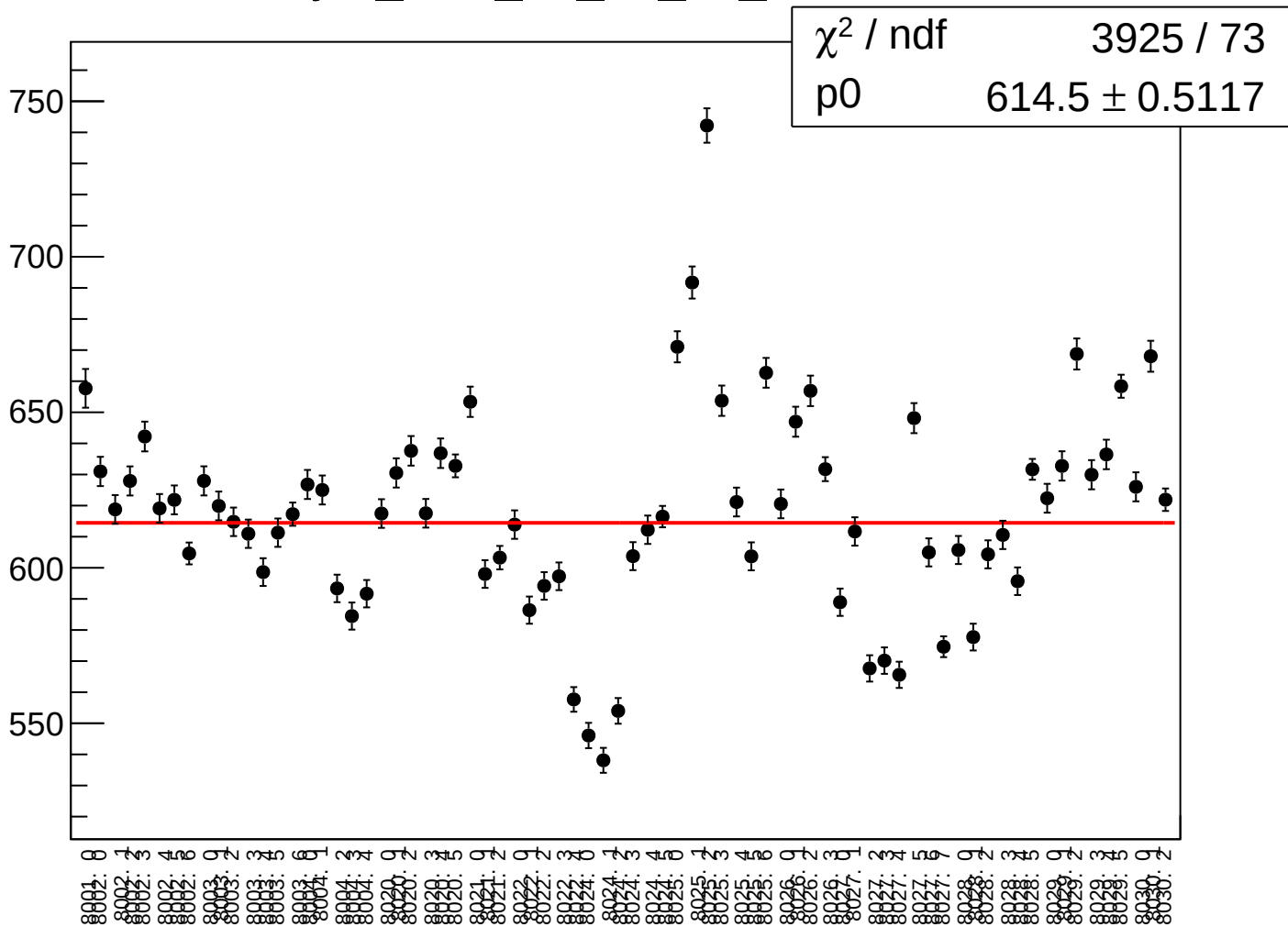
asym\_sam\_26\_48\_dd\_correction\_rms vs run



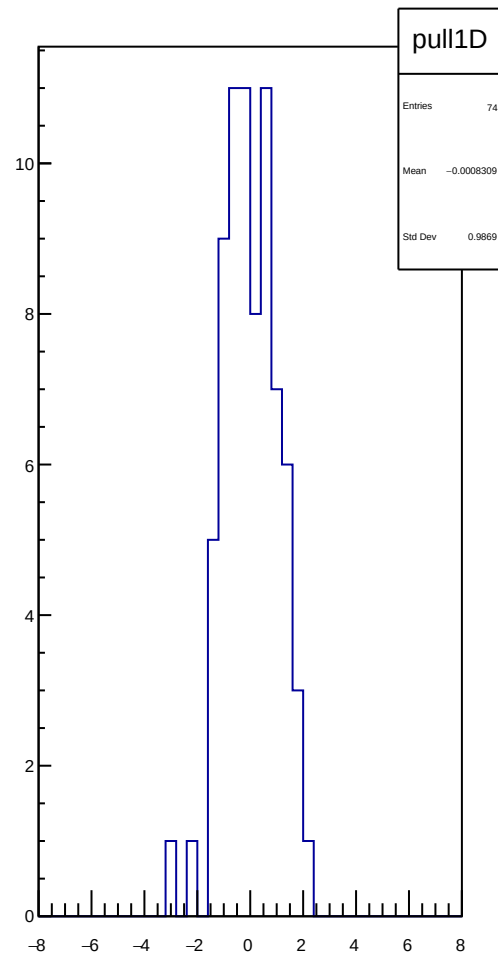
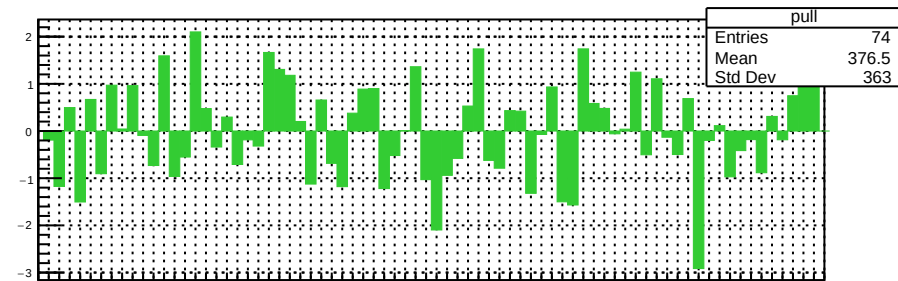
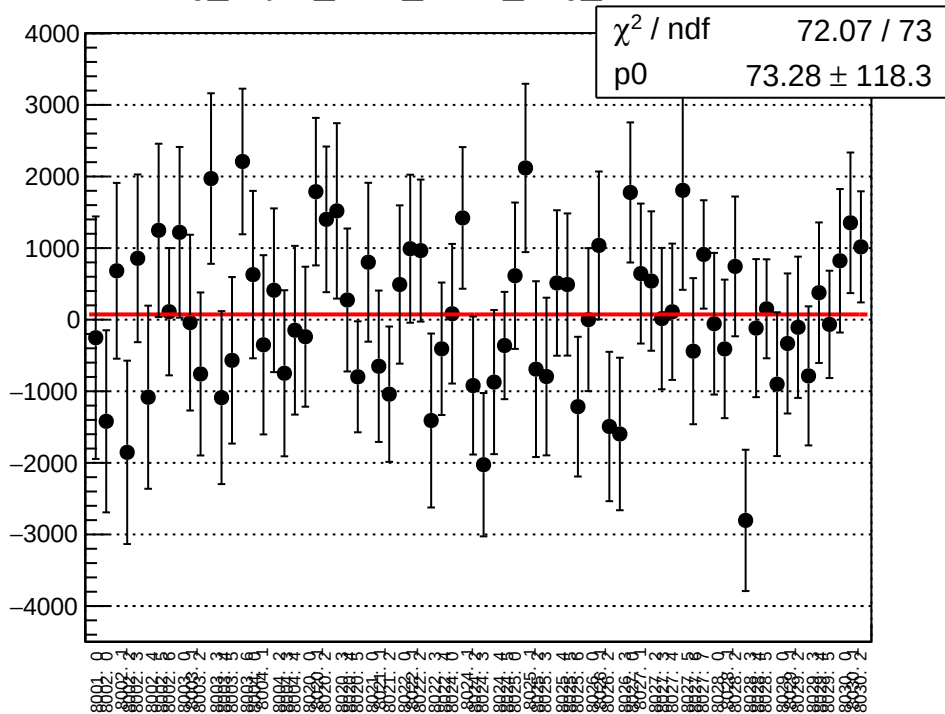
asym\_sam\_26\_48\_dd\_mean vs run



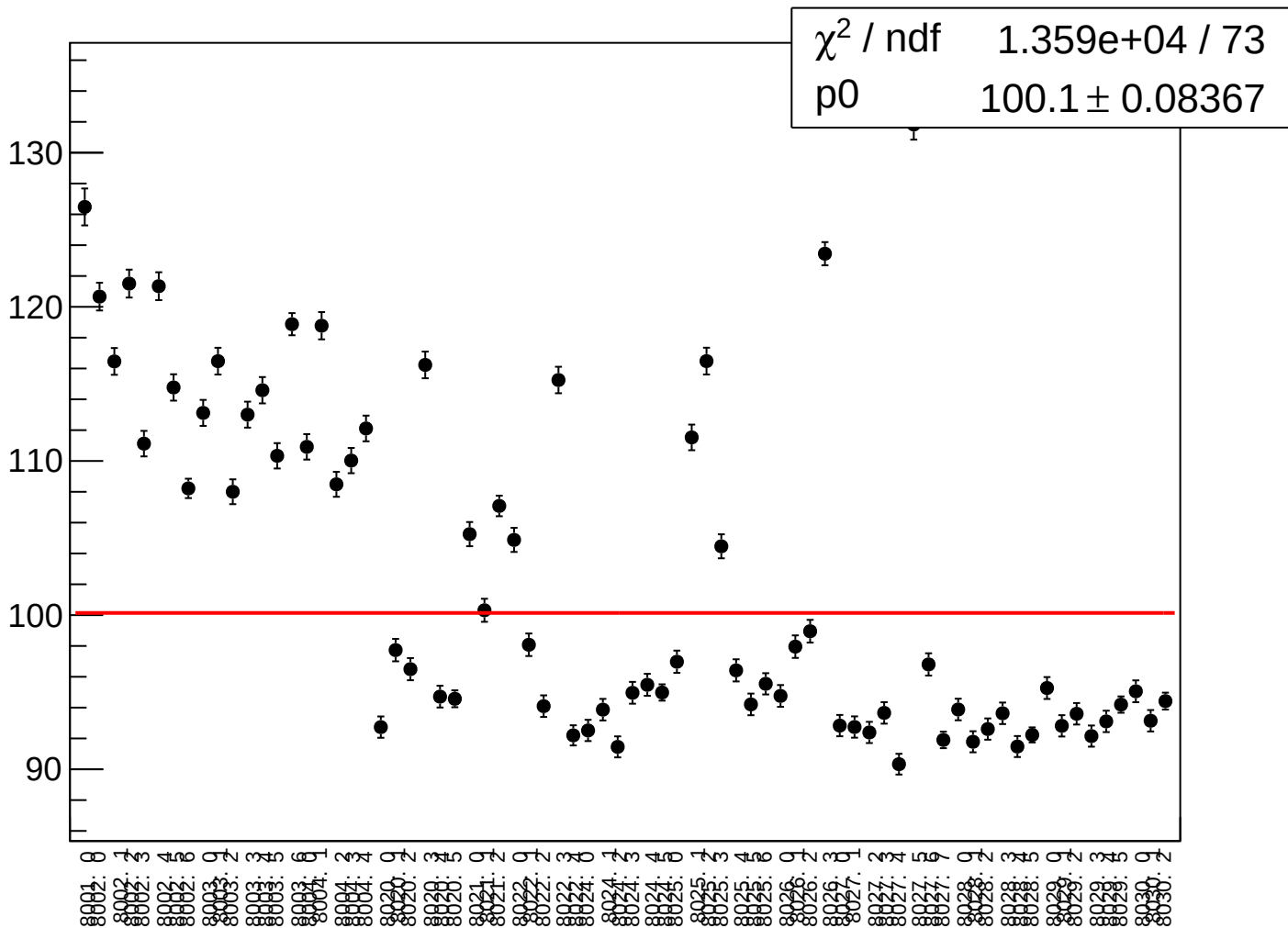
# asym\_sam\_26\_48\_dd\_rms vs run



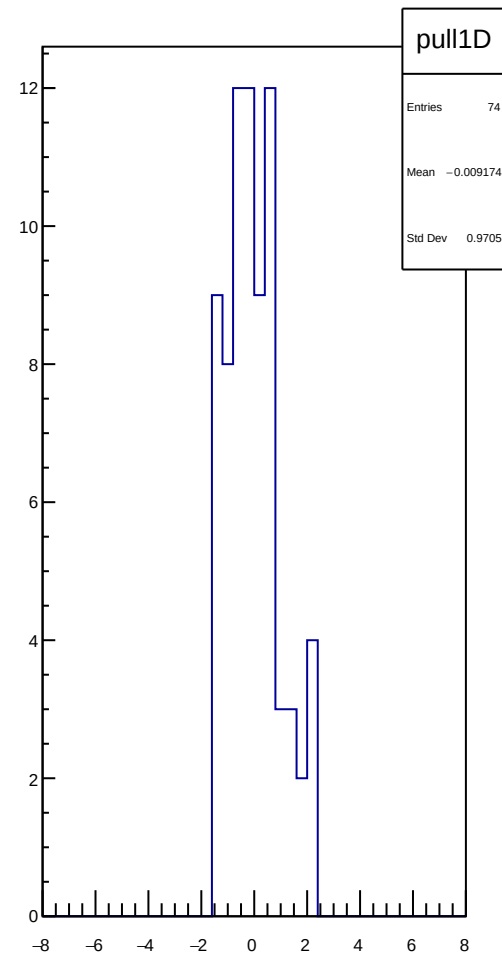
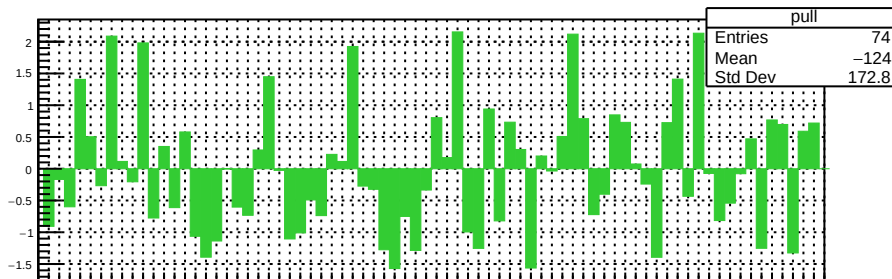
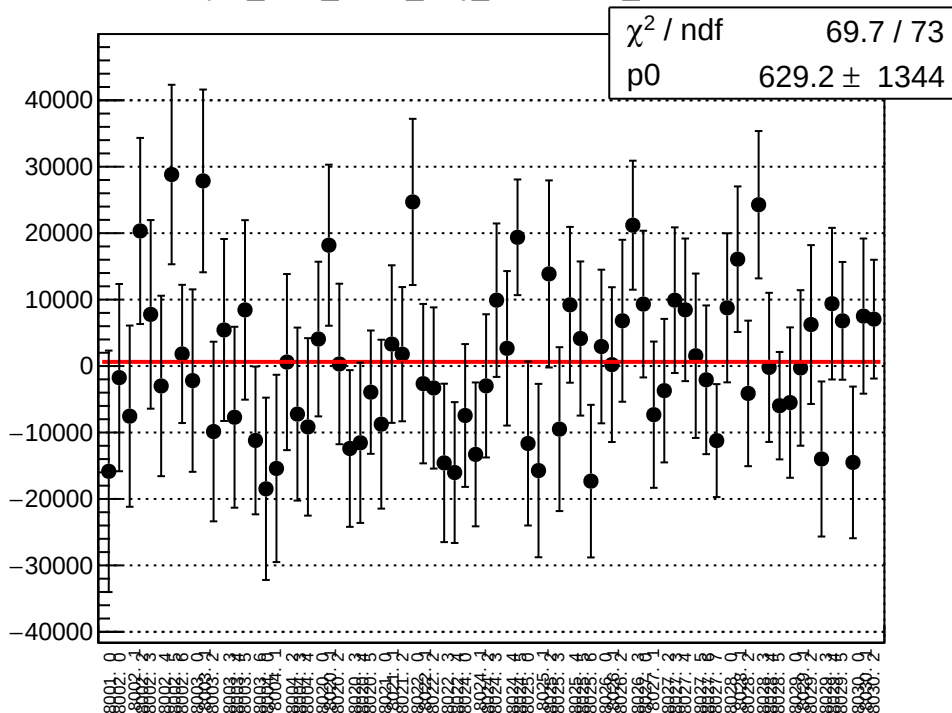
reg\_asym\_sam\_1548\_avg\_mean vs run



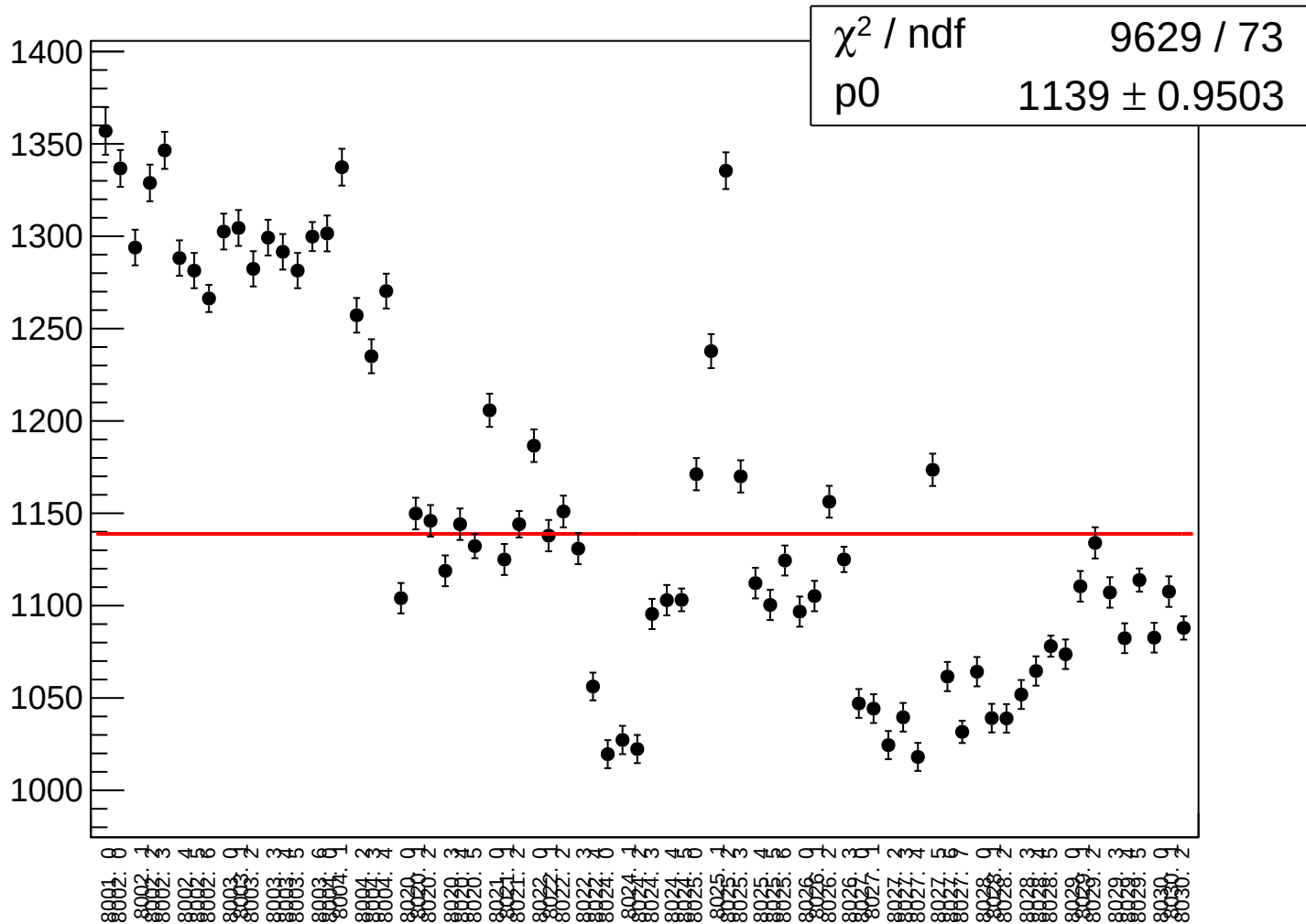
reg\_asym\_sam\_1548\_avg\_rms vs run



asym\_sam\_1548\_avg\_correction\_mean vs run

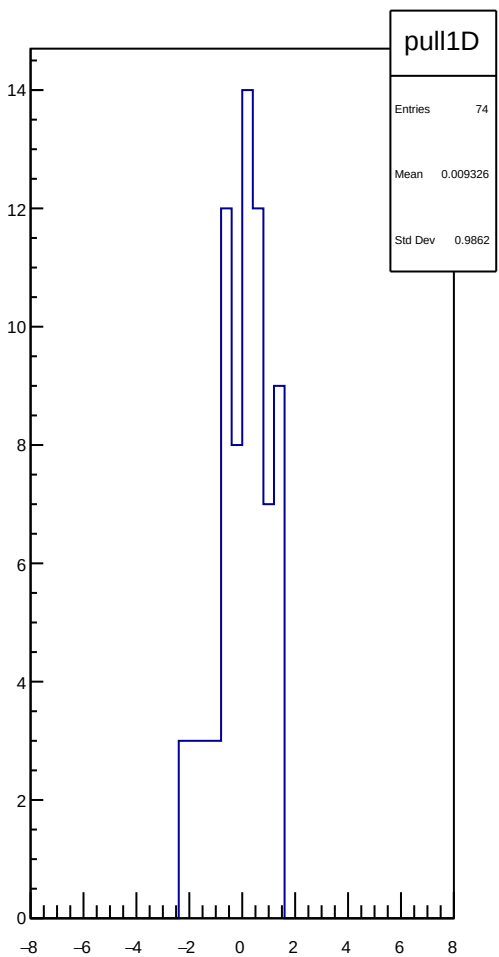
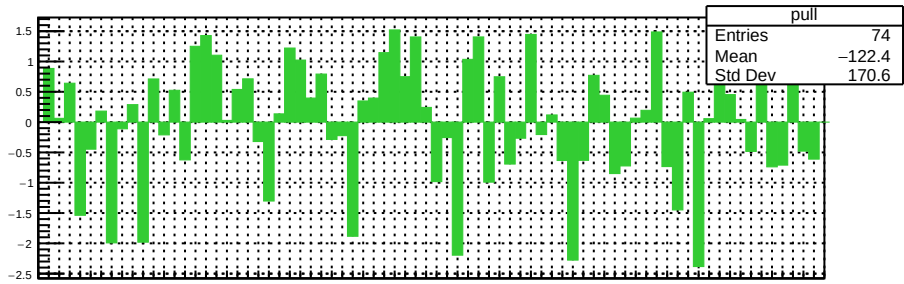
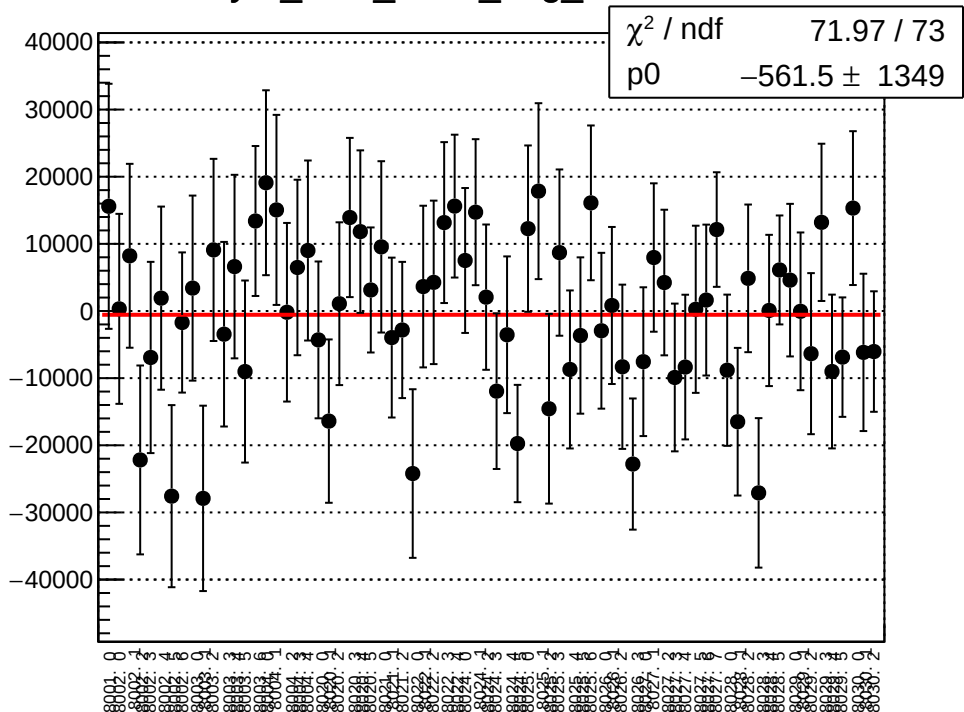


asym\_sam\_1548\_avg\_correction\_rms vs run

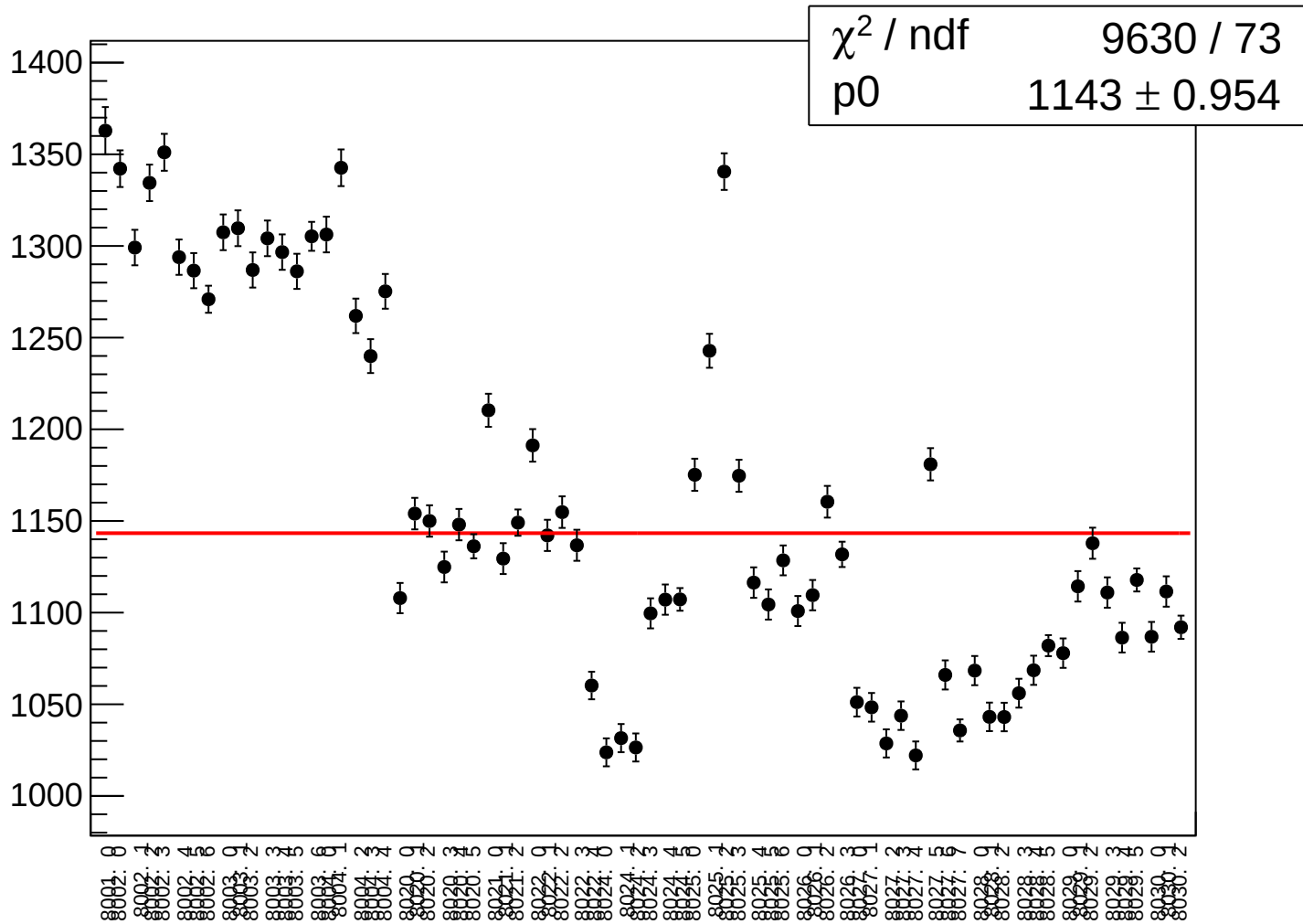




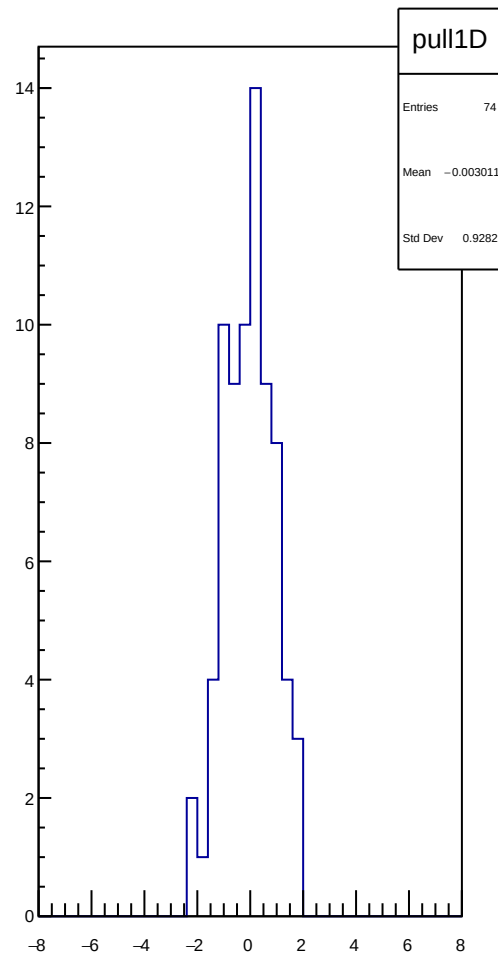
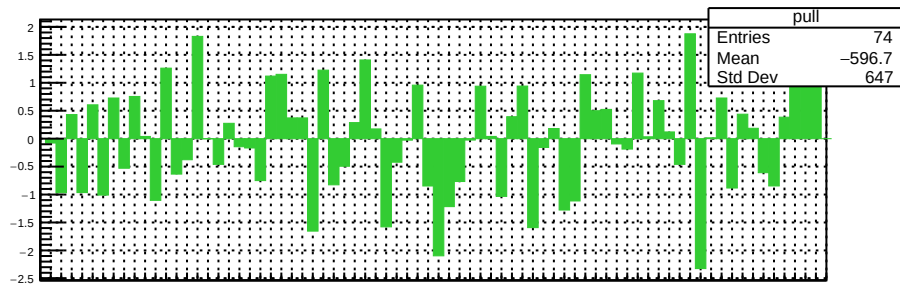
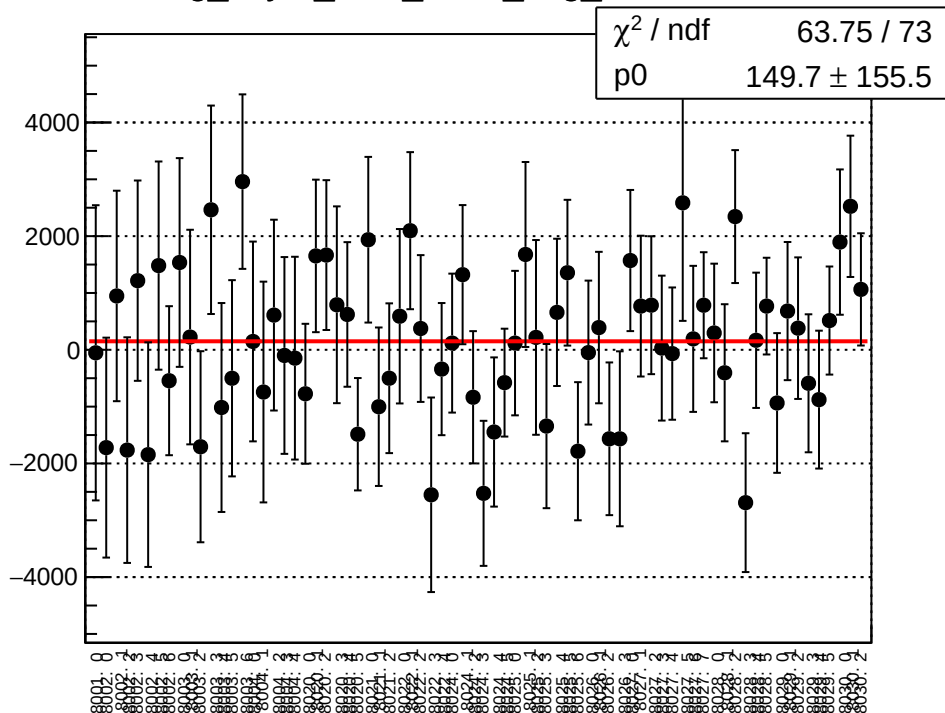
# asym\_sam\_1548\_avg\_mean vs run



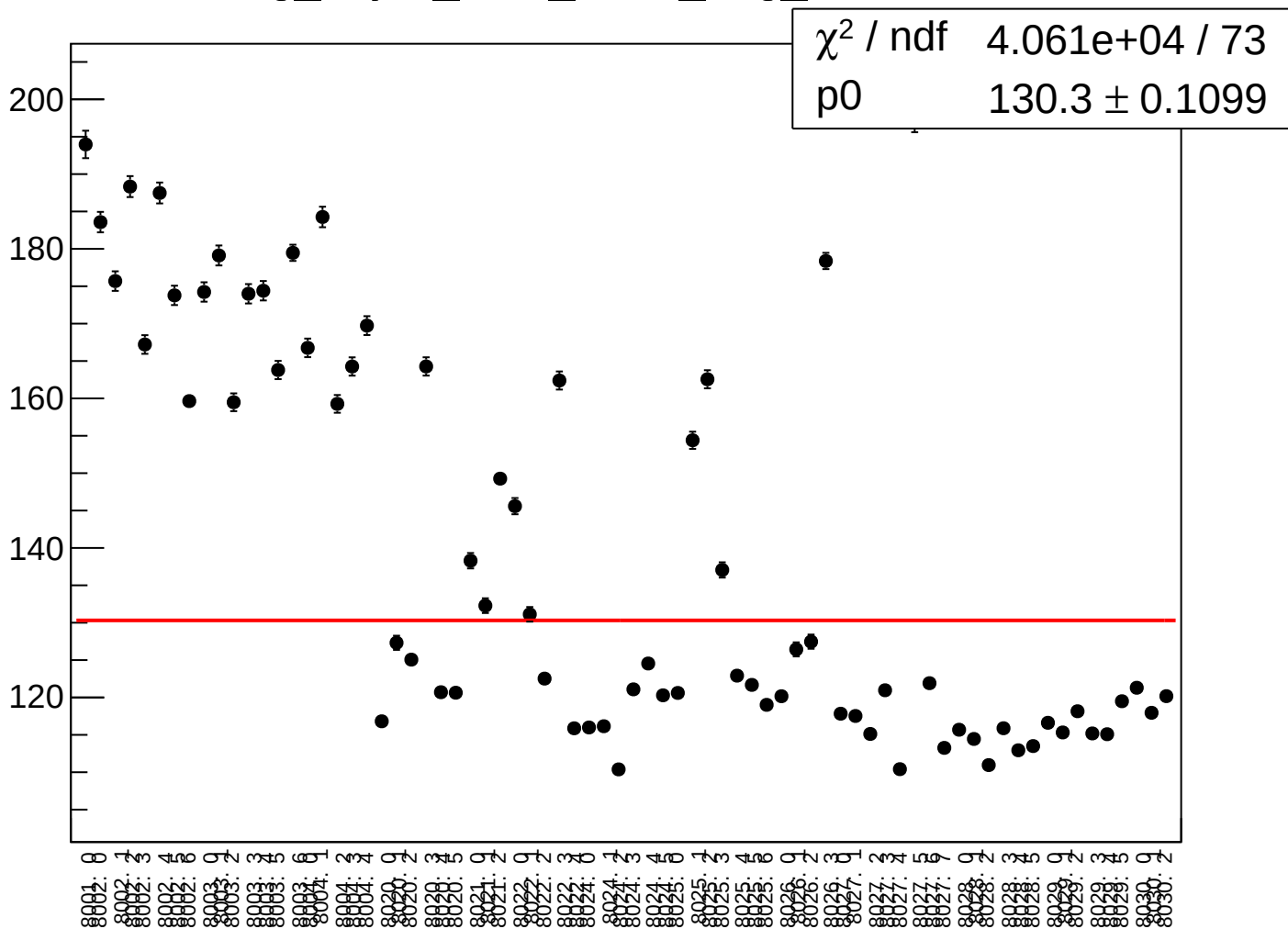
asym\_sam\_1548\_avg\_rms vs run



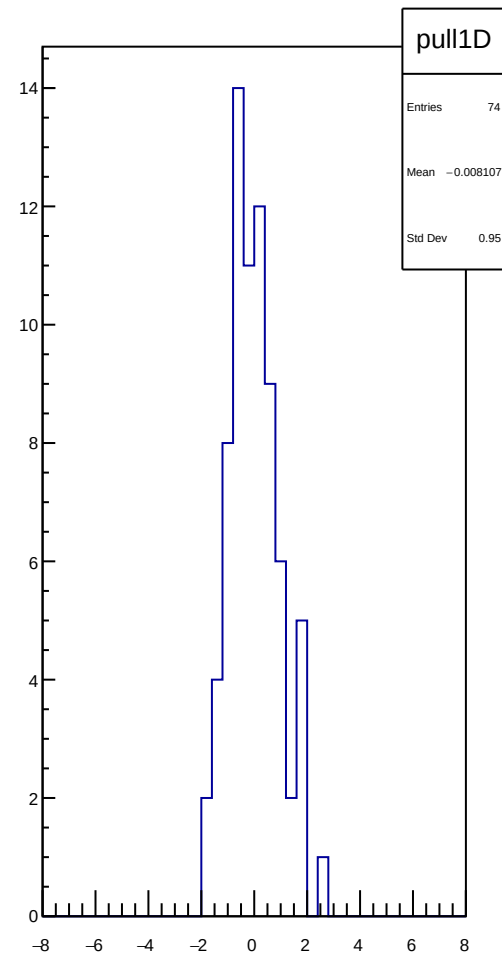
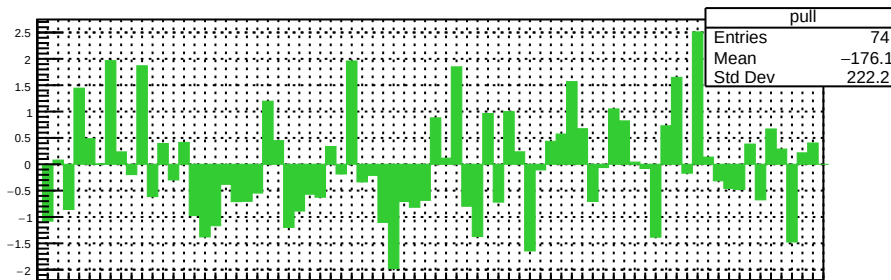
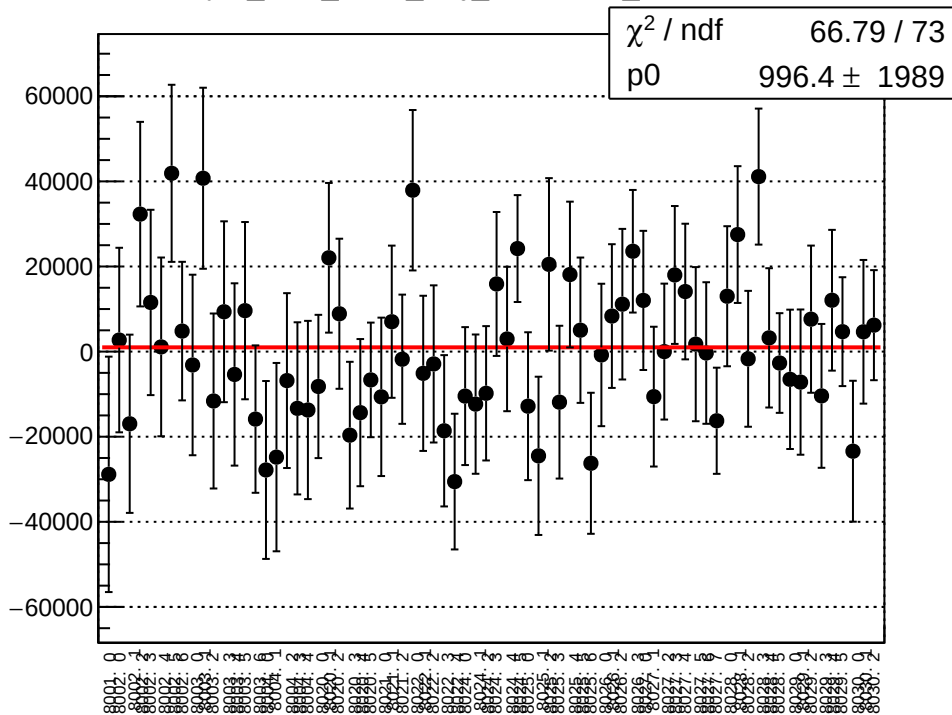
reg\_asym\_sam\_3748\_avg\_mean vs run



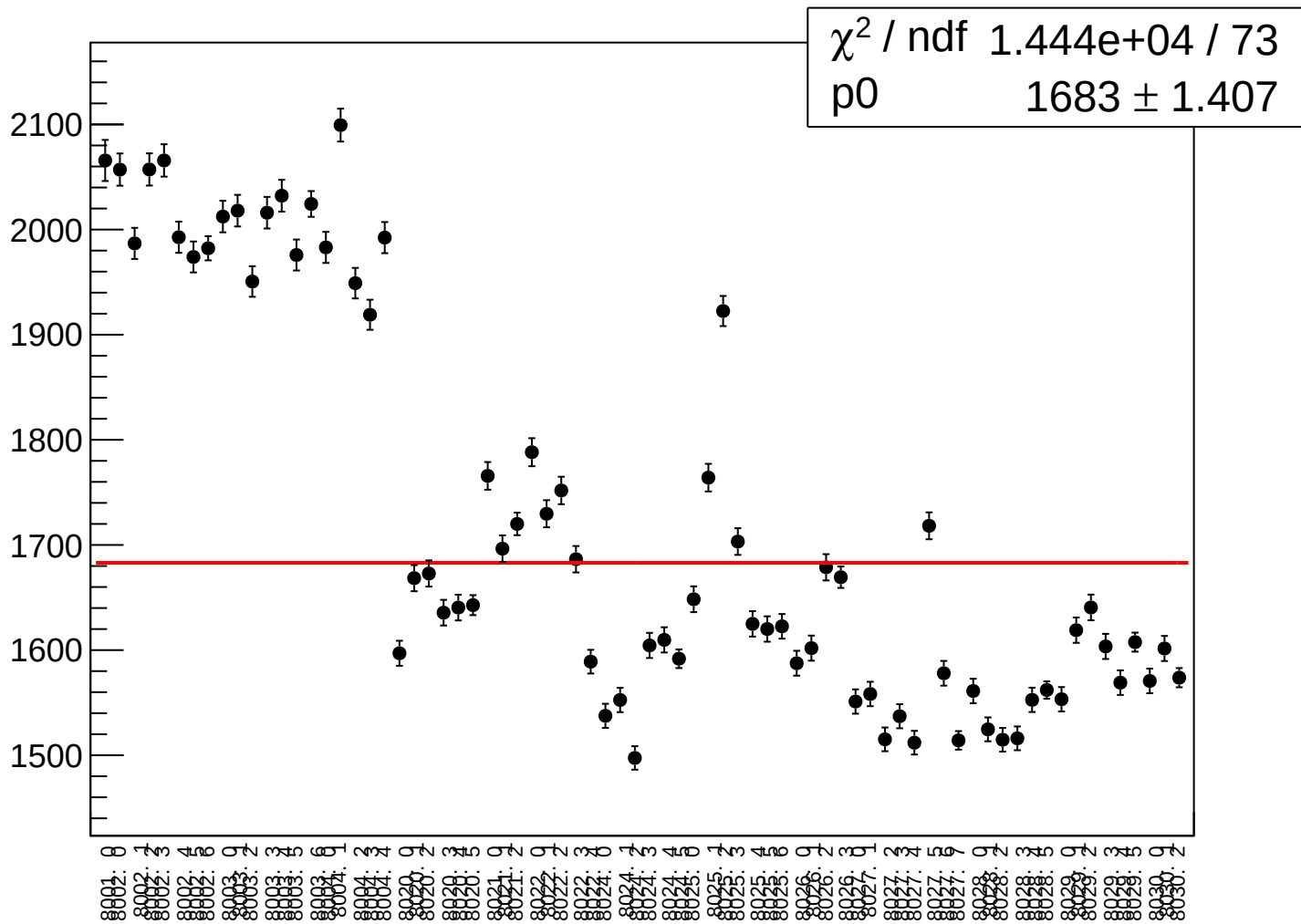
reg\_asym\_sam\_3748\_avg\_rms vs run



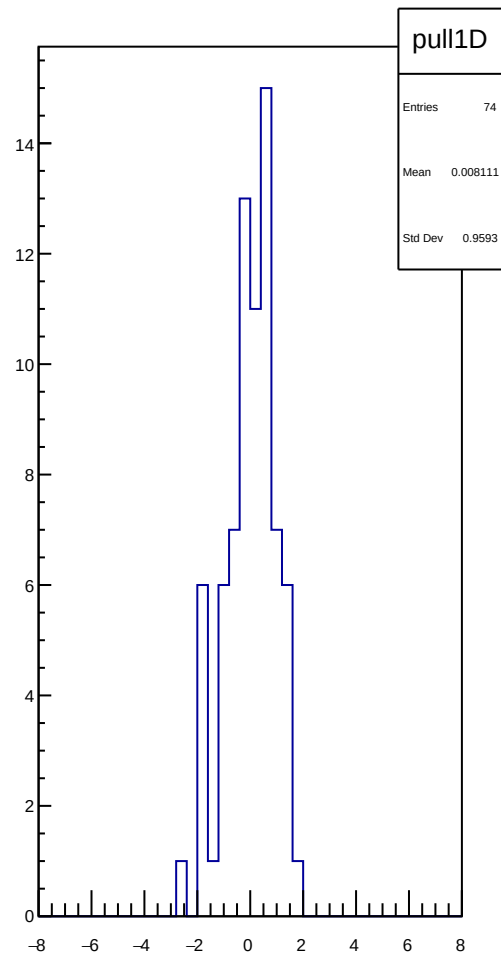
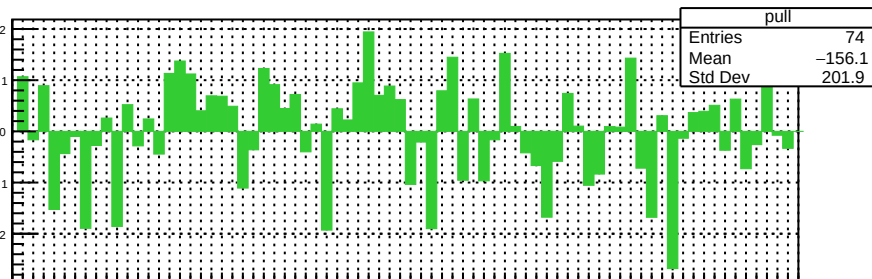
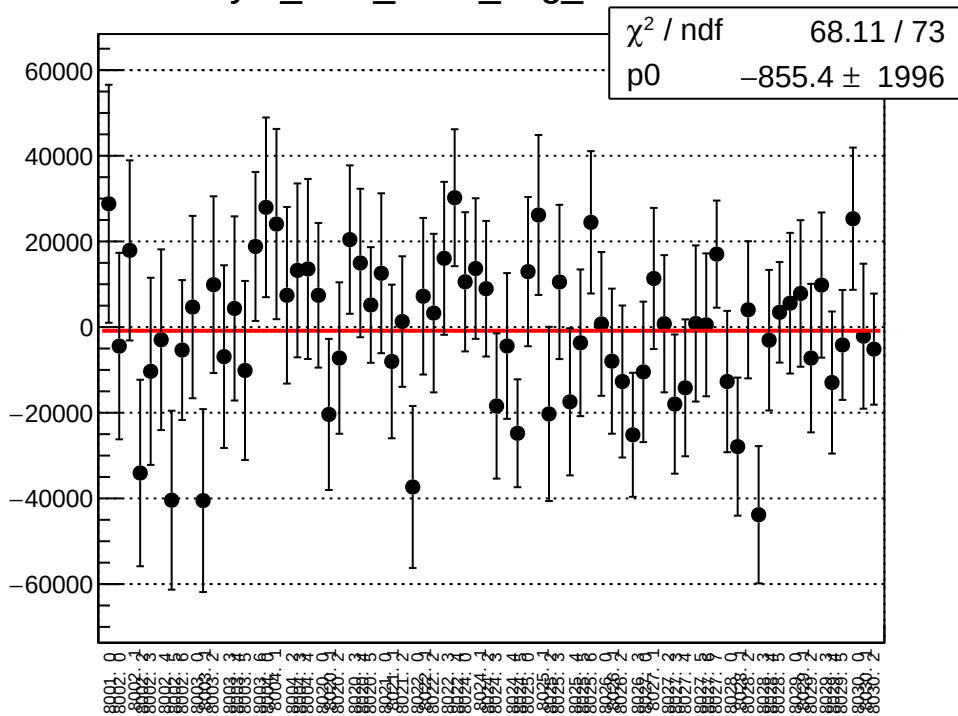
asym\_sam\_3748\_avg\_correction\_mean vs run



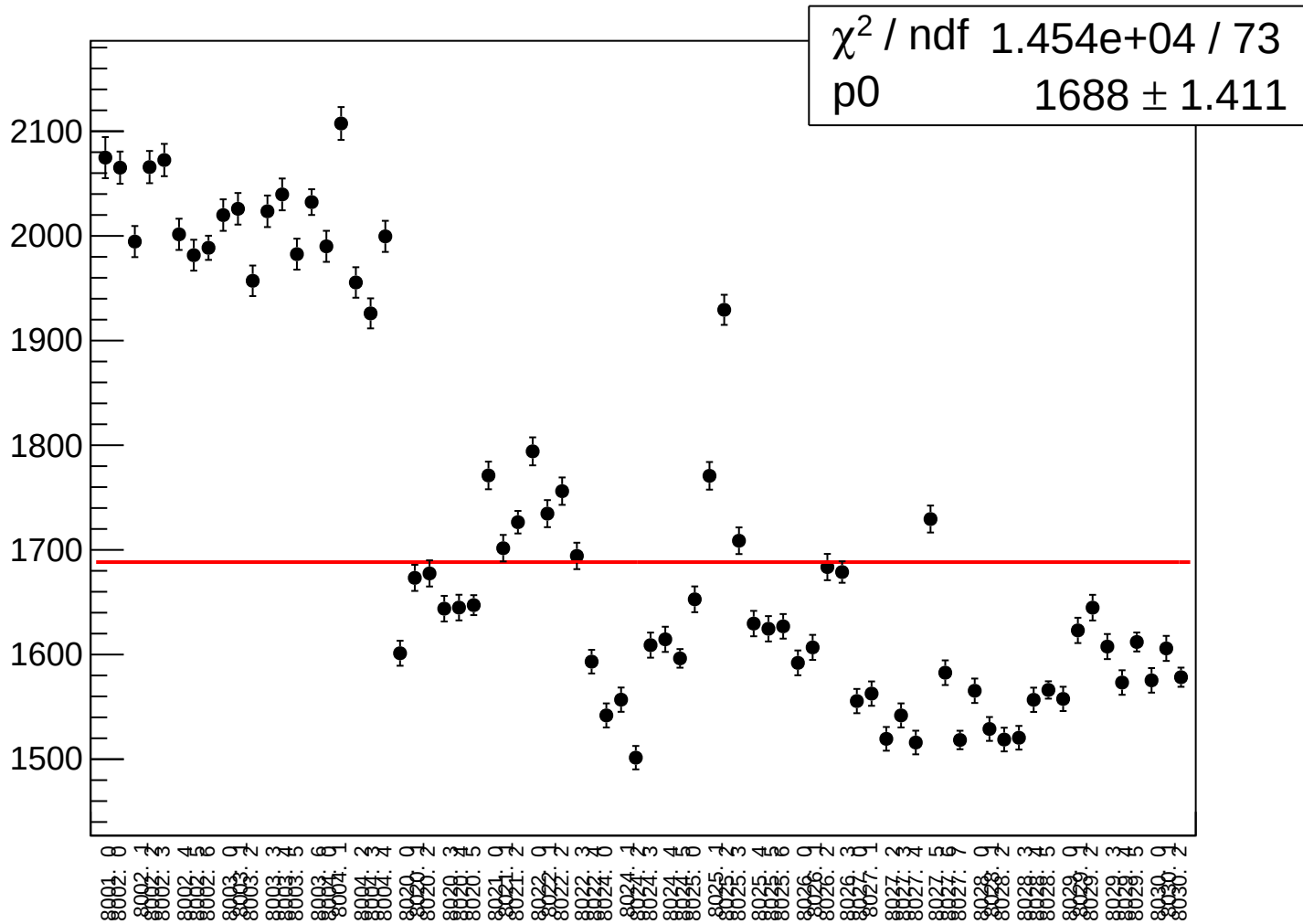
asym\_sam\_3748\_avg\_correction\_rms vs run



# asym\_sam\_3748\_avg\_mean vs run

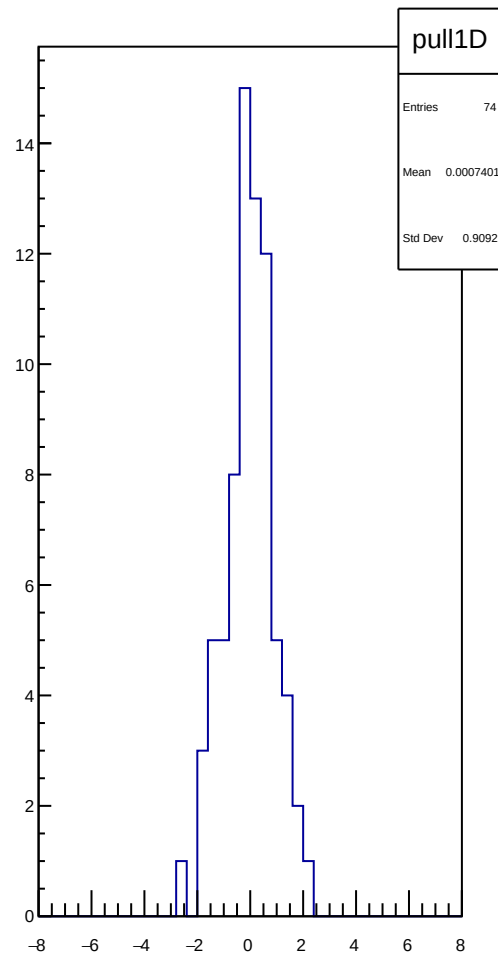
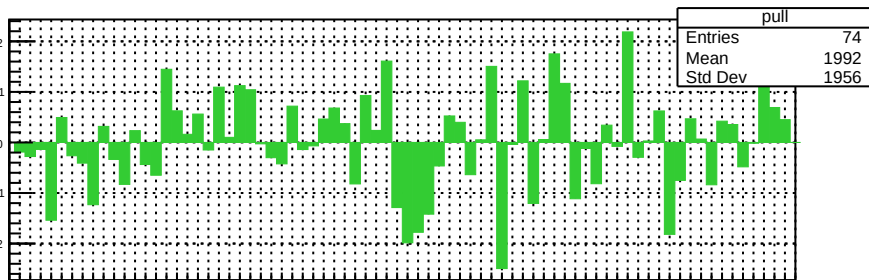
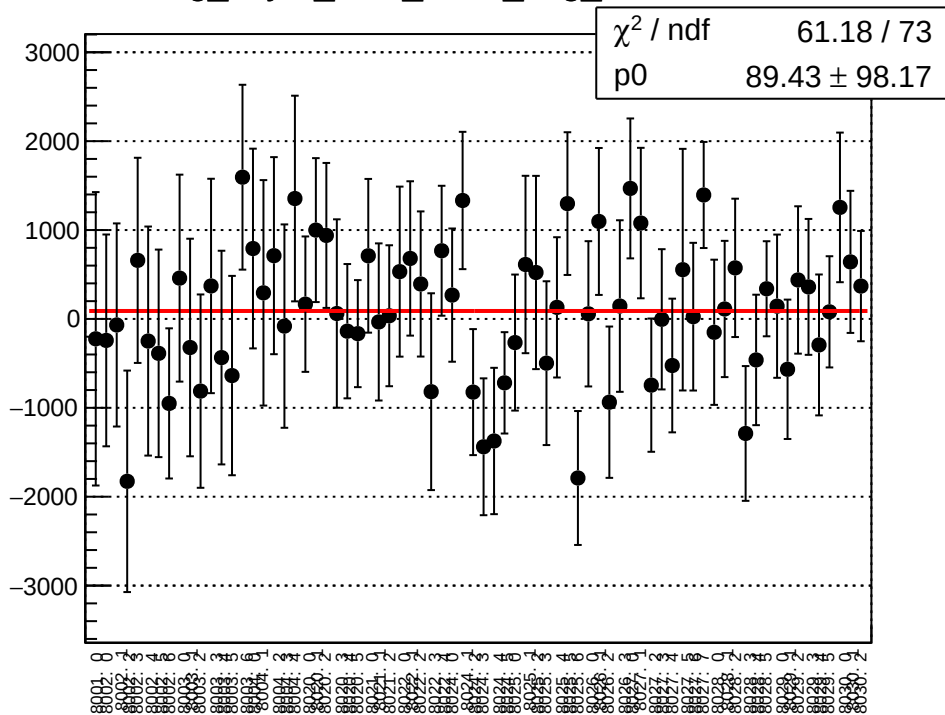


asym\_sam\_3748\_avg\_rms vs run

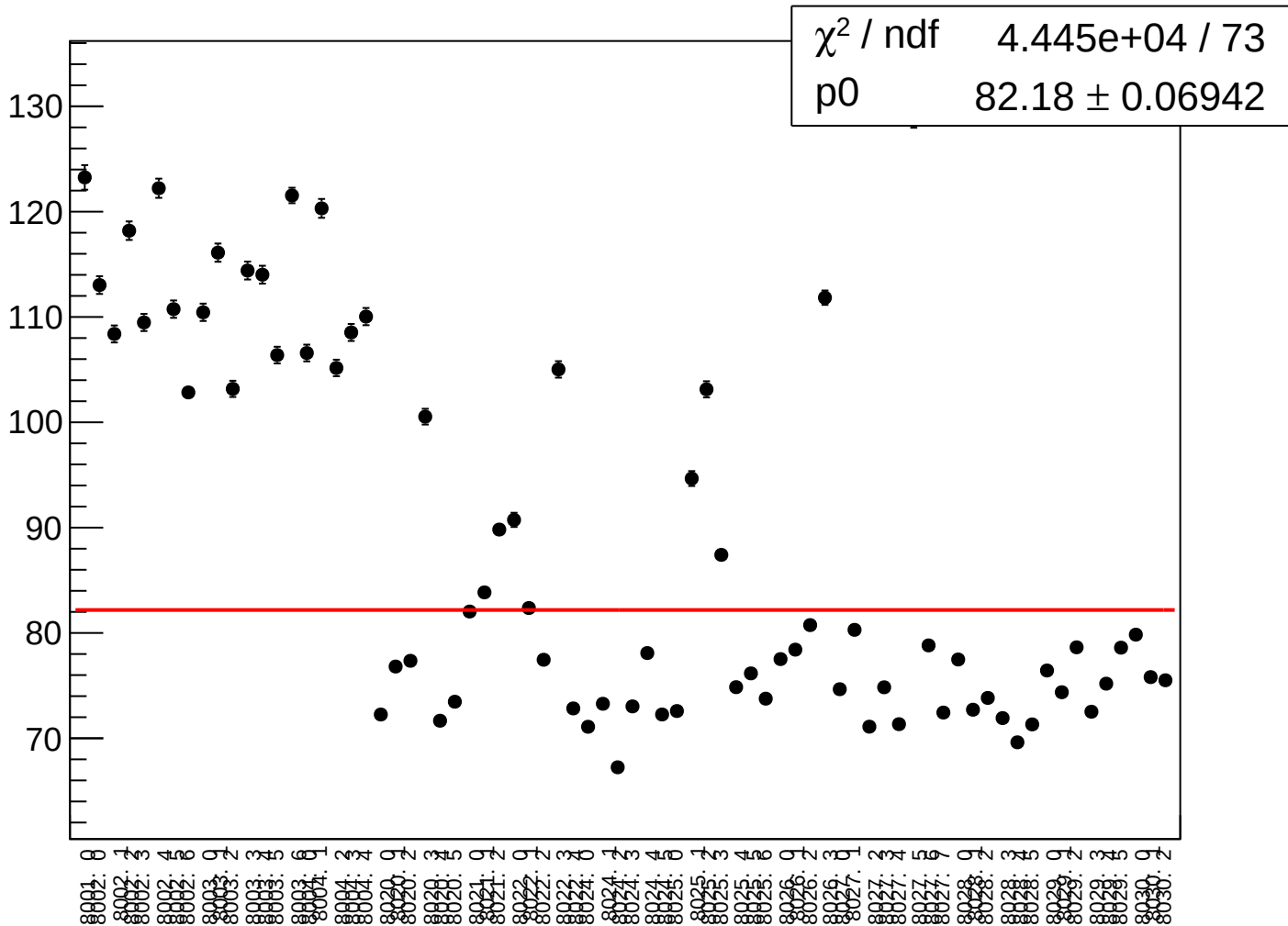




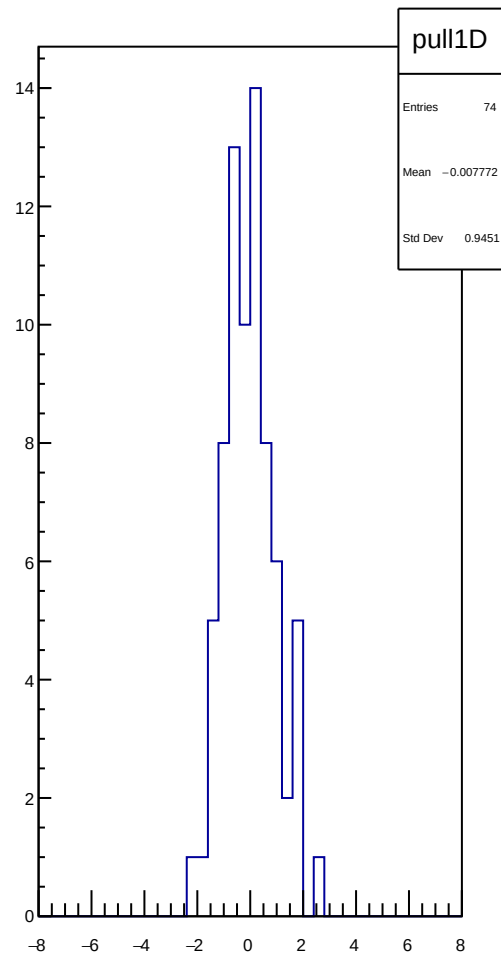
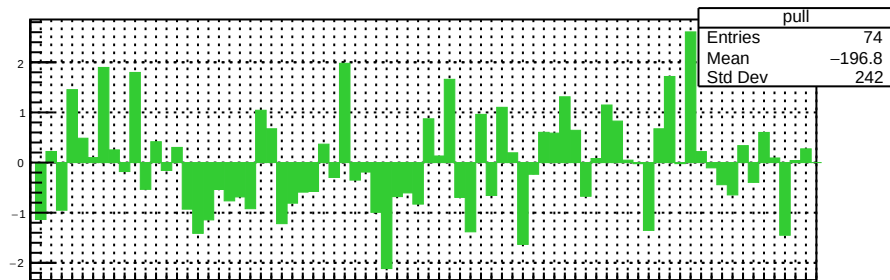
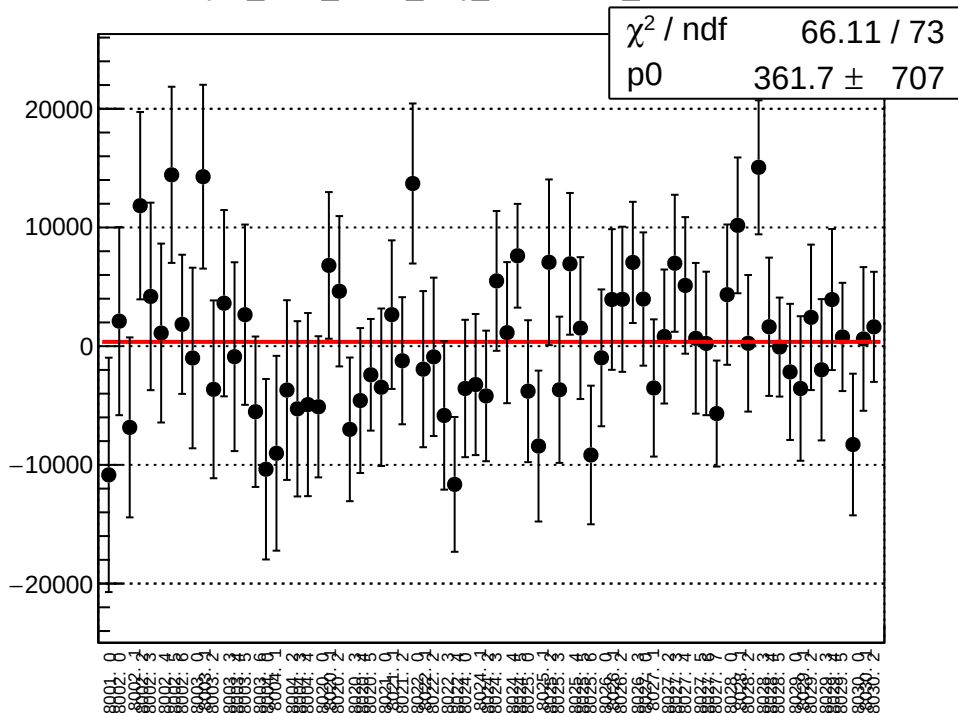
reg\_asym\_sam\_1526\_avg\_mean vs run



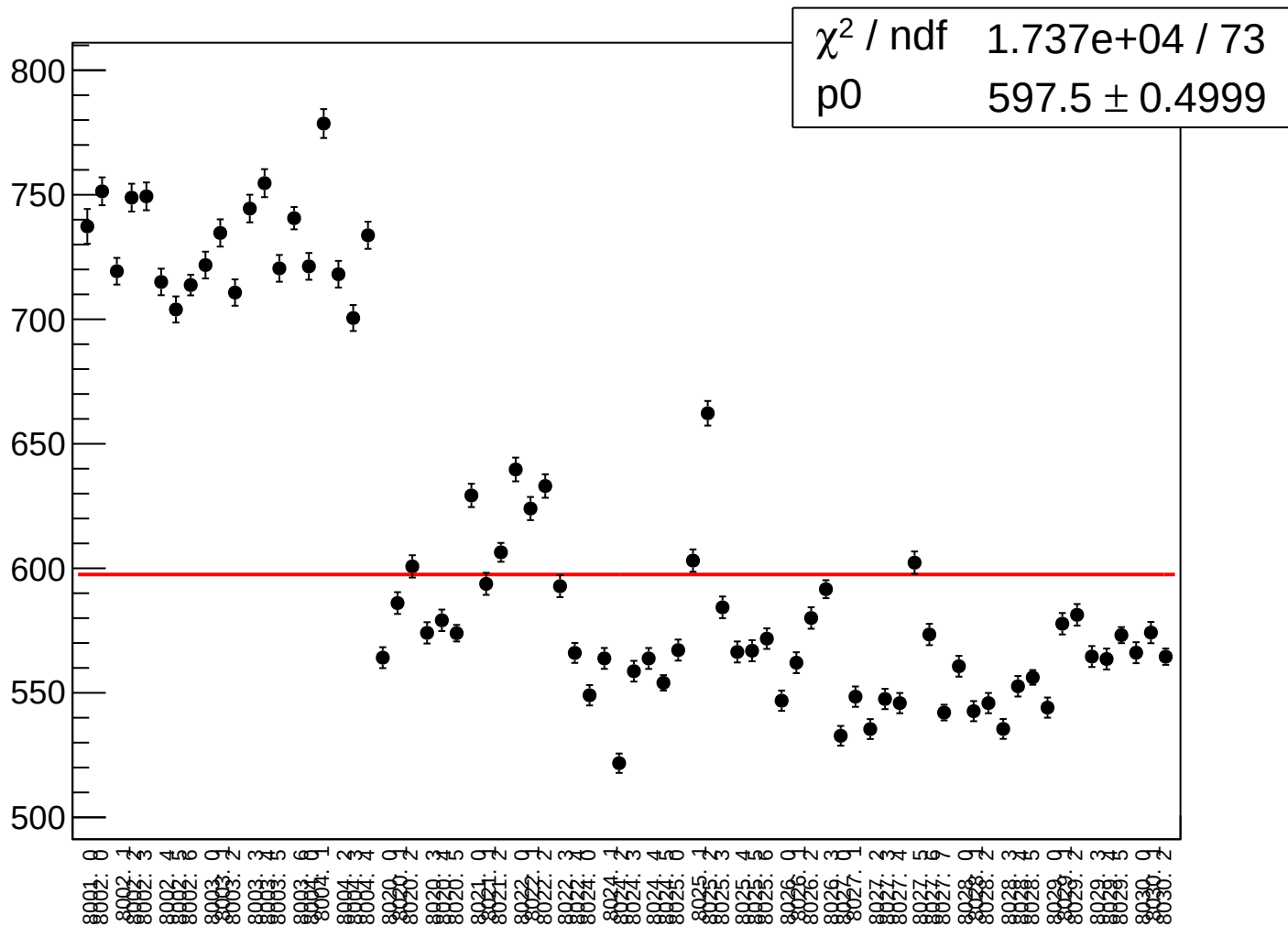
reg\_asym\_sam\_1526\_avg\_rms vs run



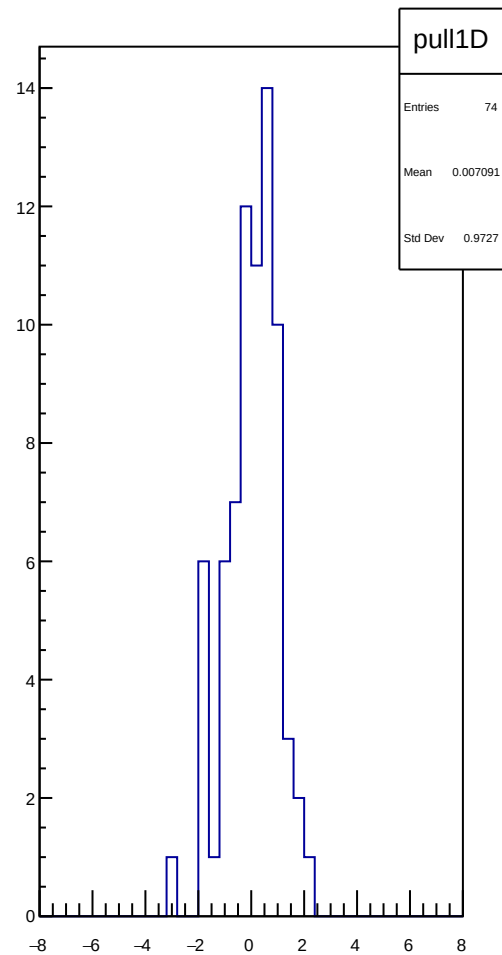
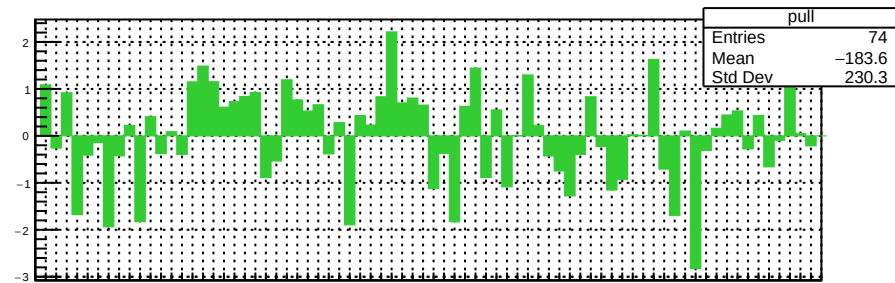
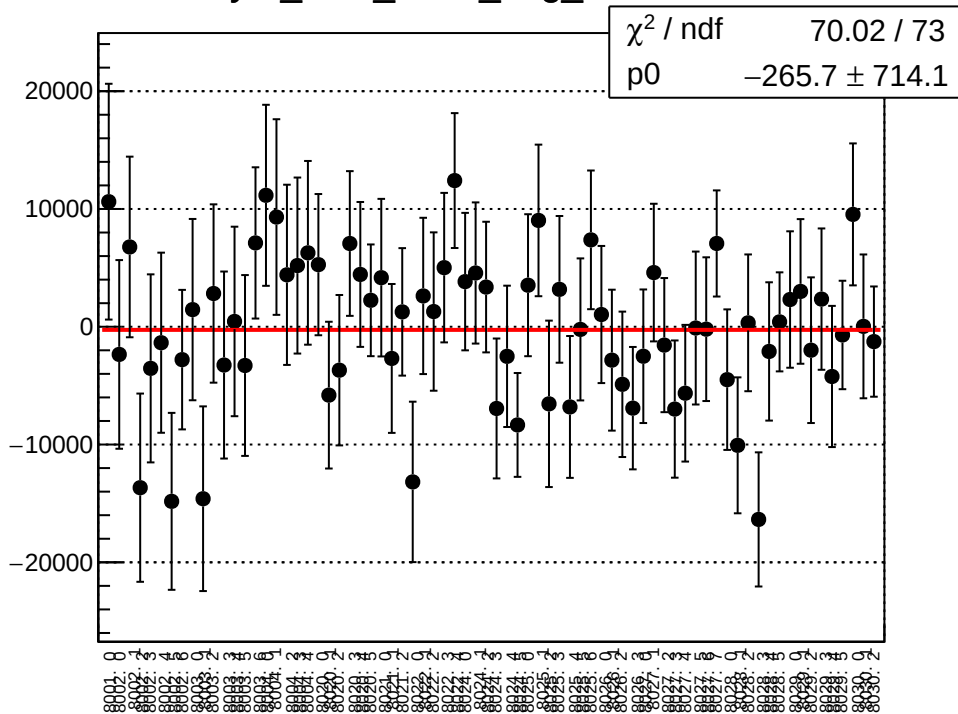
asym\_sam\_1526\_avg\_correction\_mean vs run



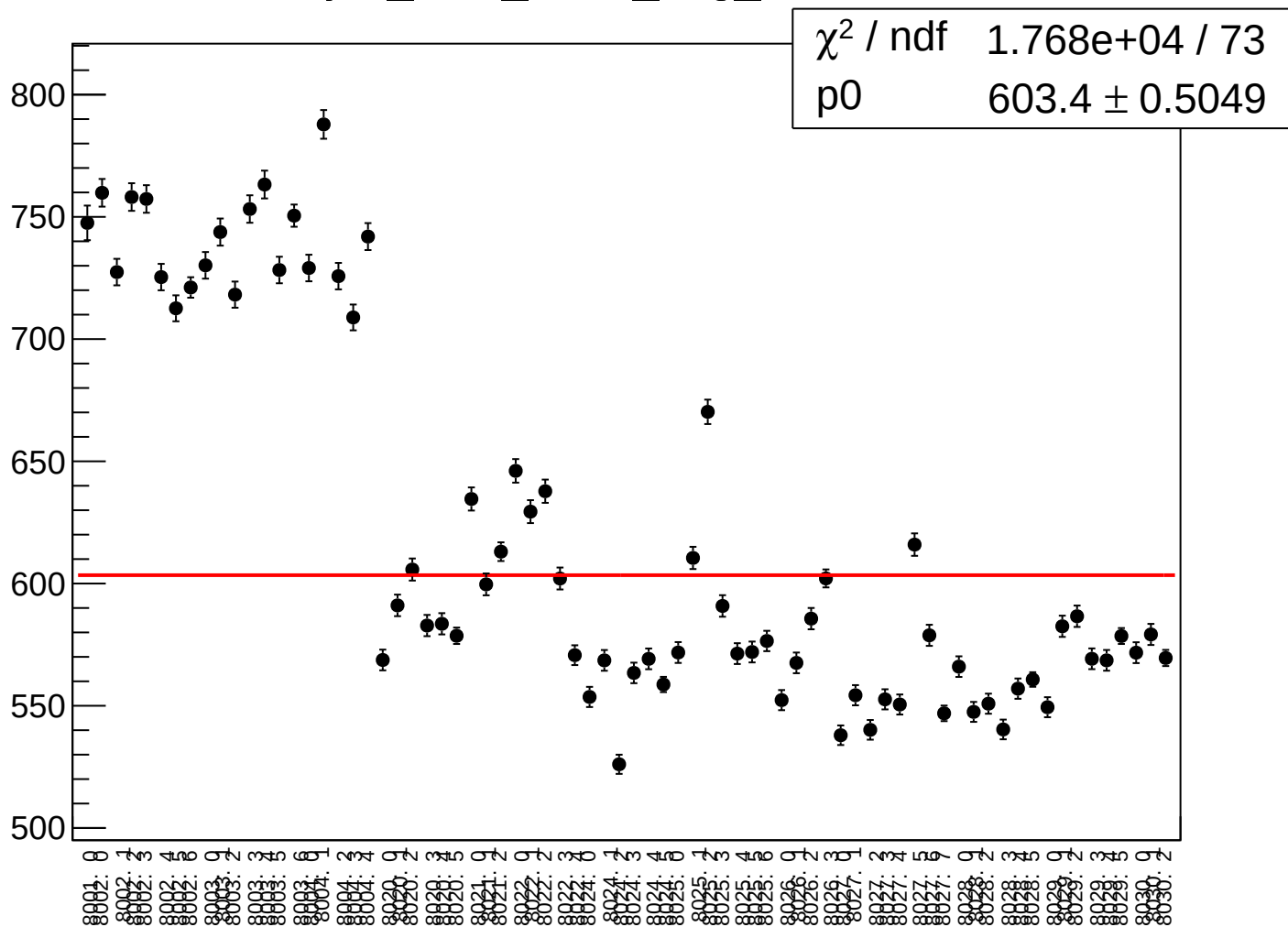
asym\_sam\_1526\_avg\_correction\_rms vs run



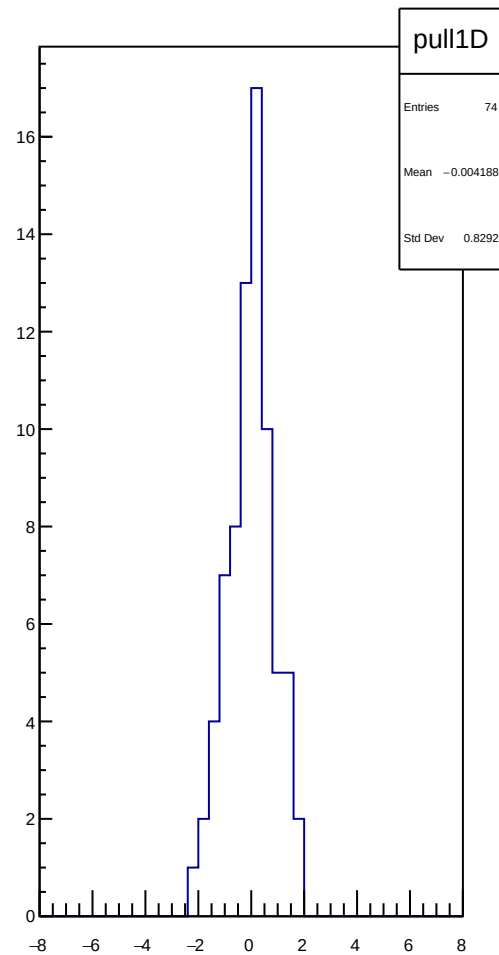
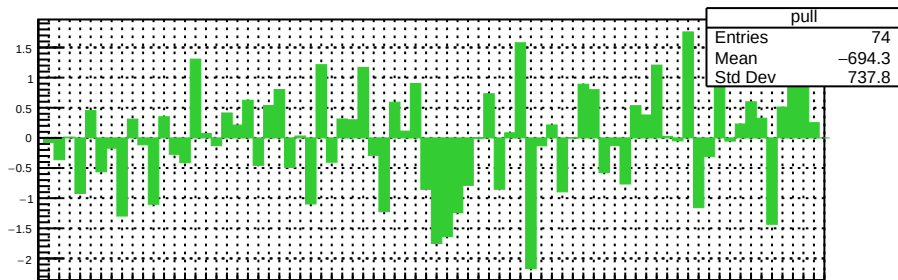
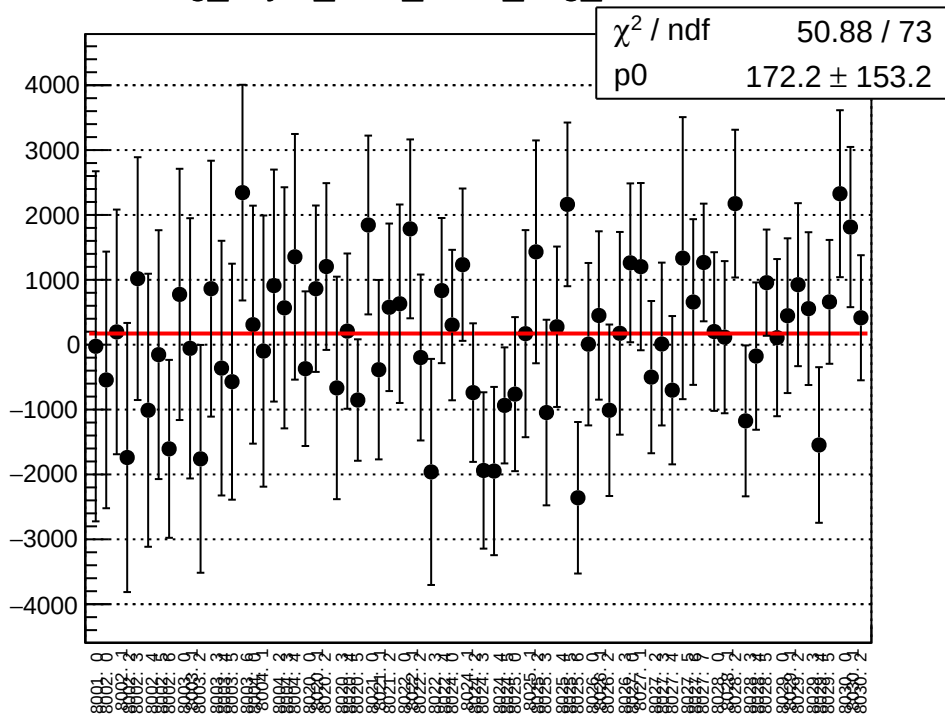
# asym\_sam\_1526\_avg\_mean vs run



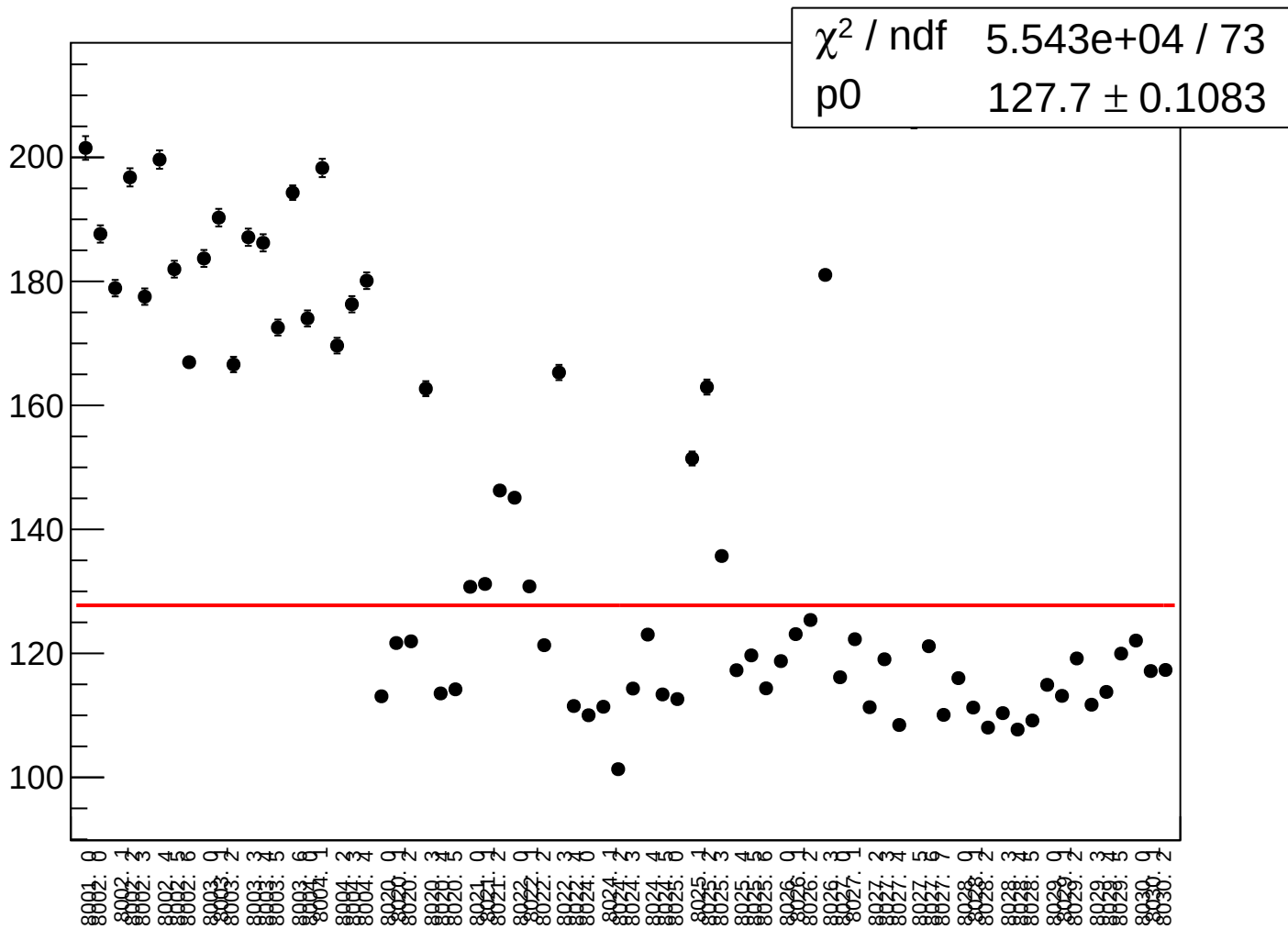
asym\_sam\_1526\_avg\_rms vs run



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

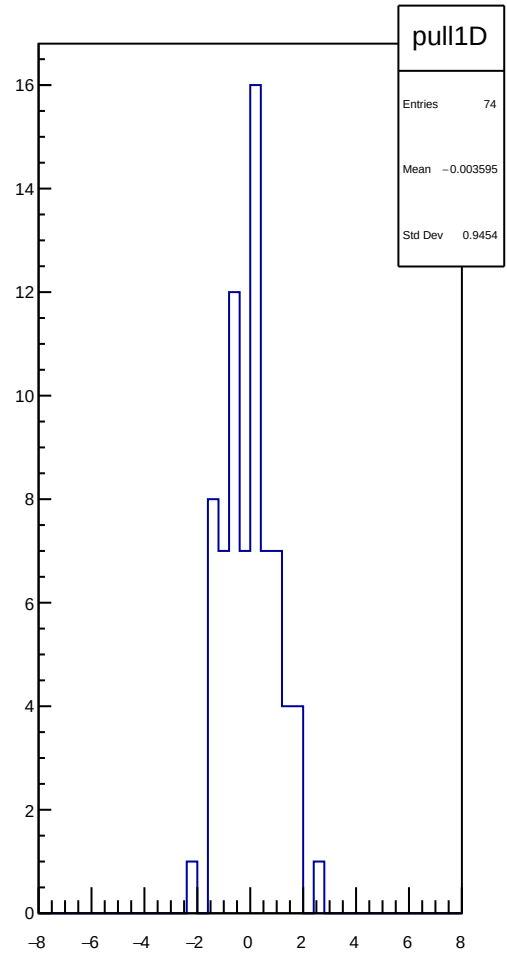
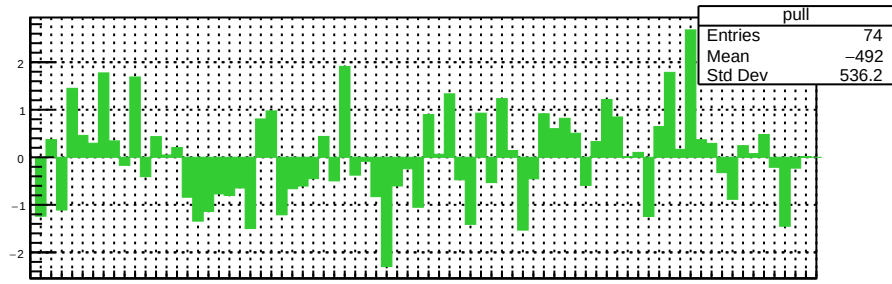
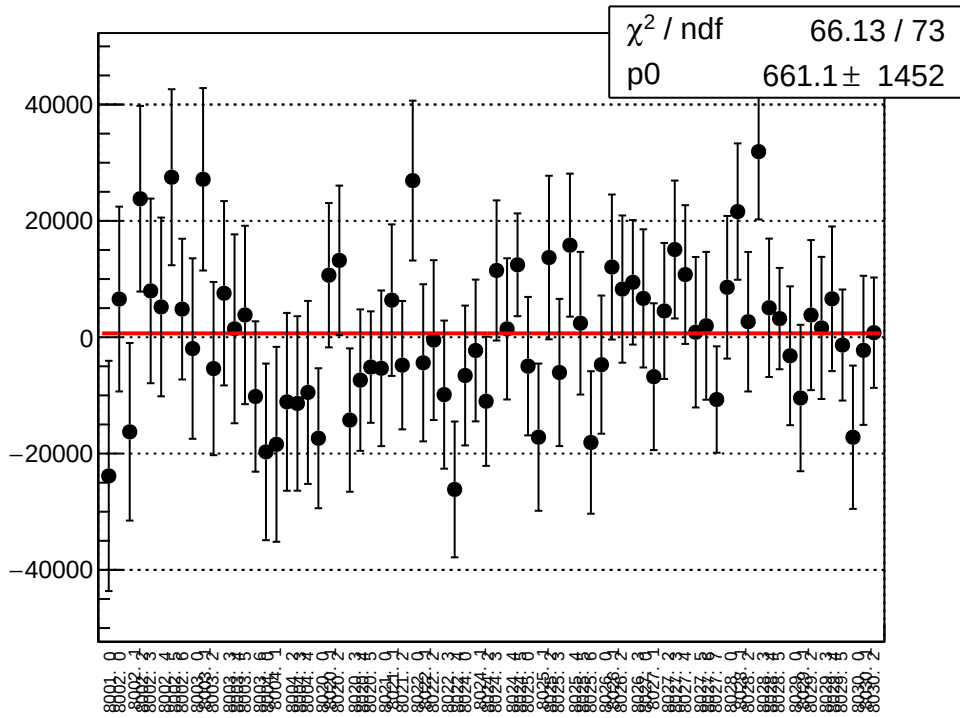


reg\_asym\_sam\_3726\_avg\_rms vs run

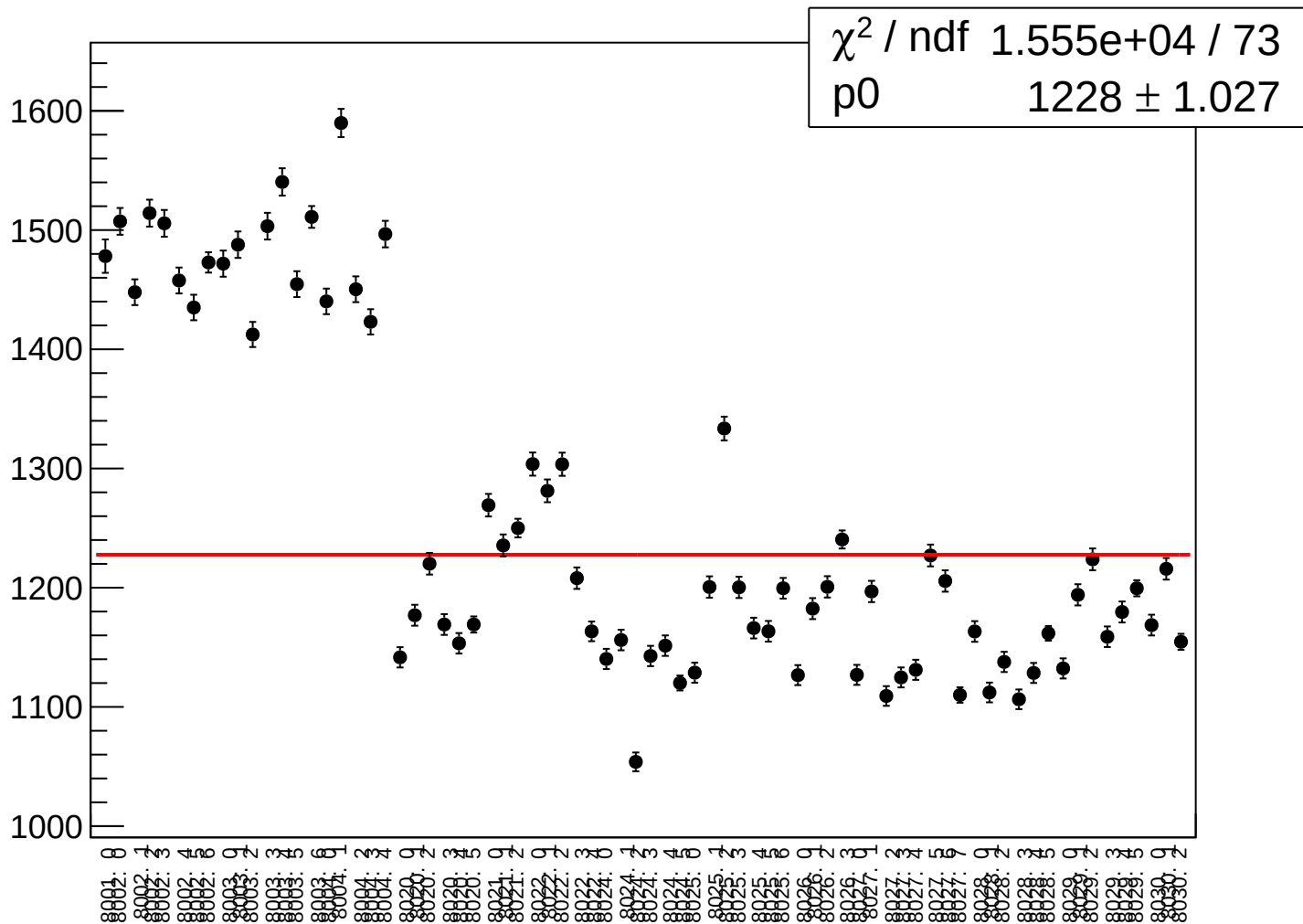




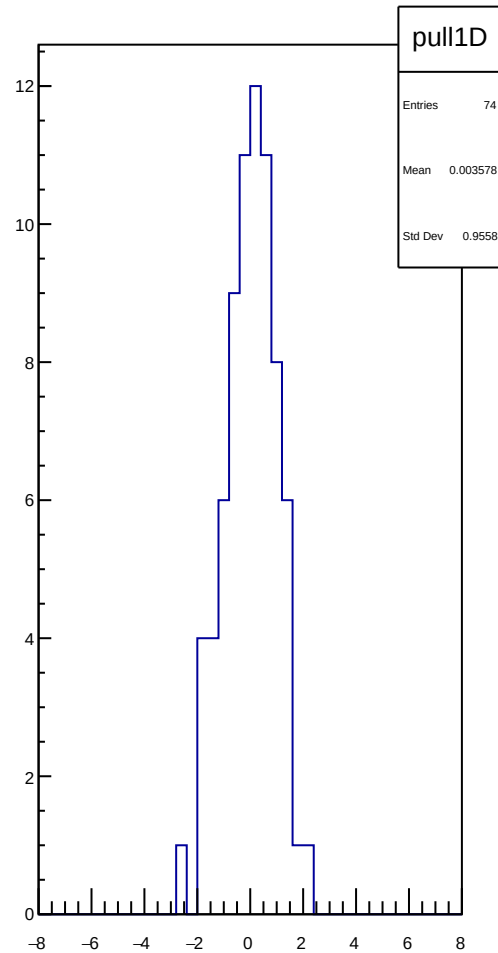
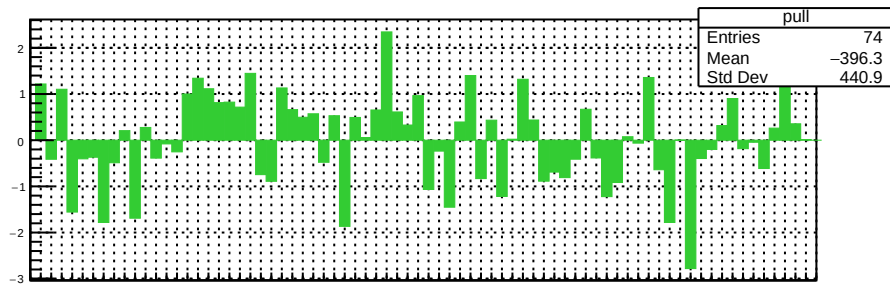
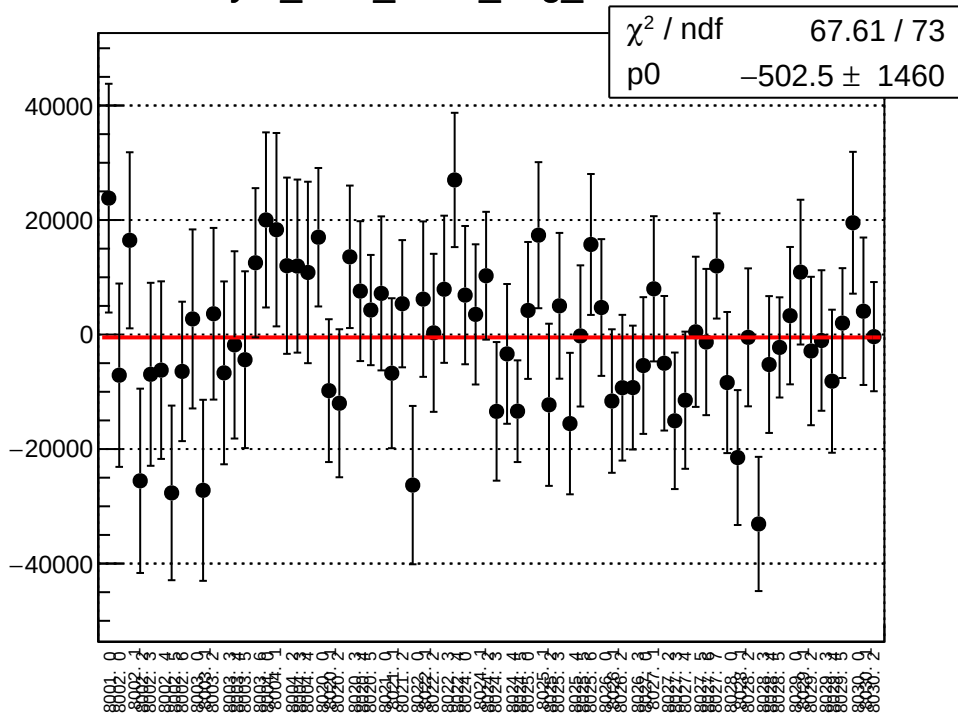
asym\_sam\_3726\_avg\_correction\_mean vs run



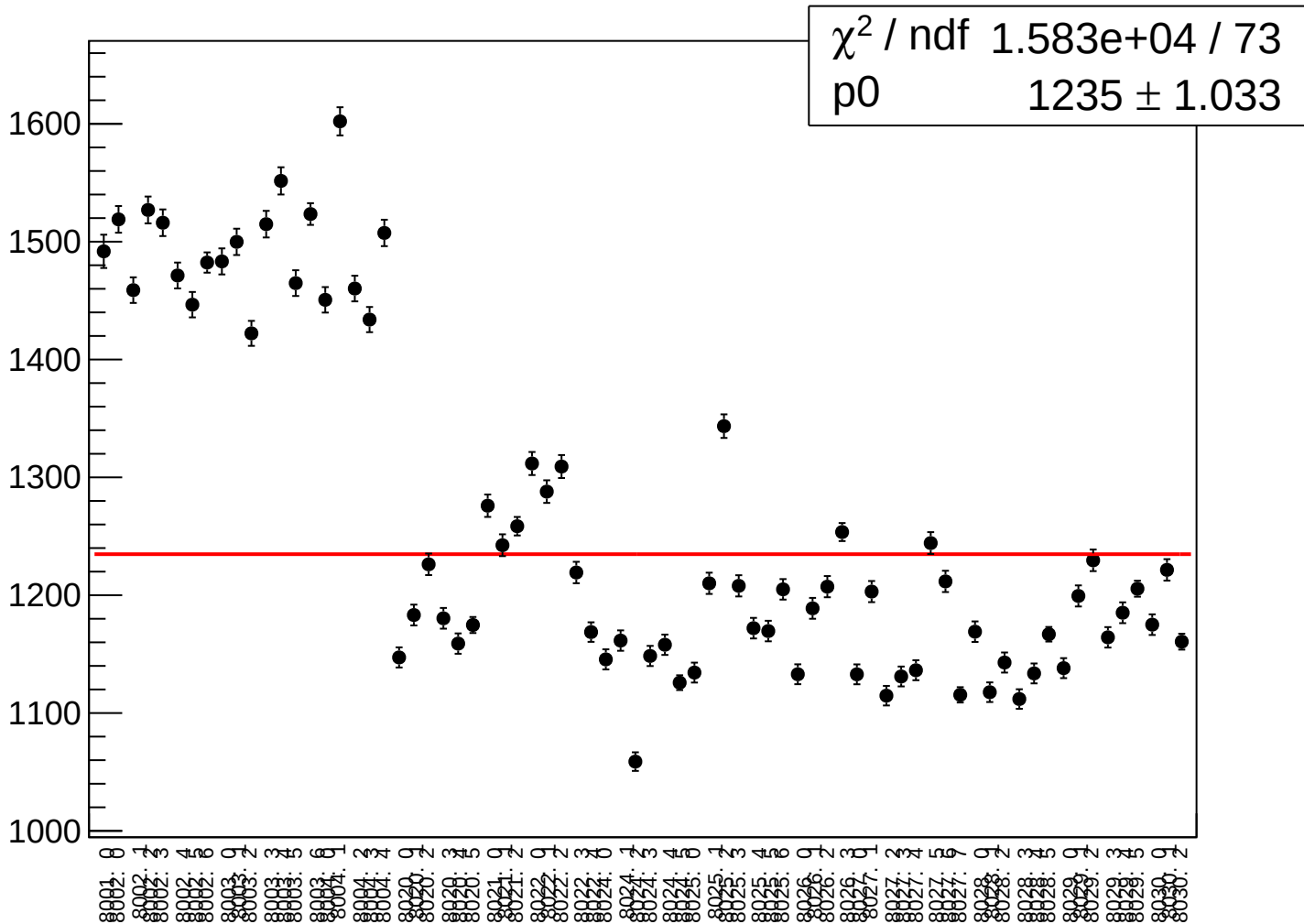
asym\_sam\_3726\_avg\_correction\_rms vs run



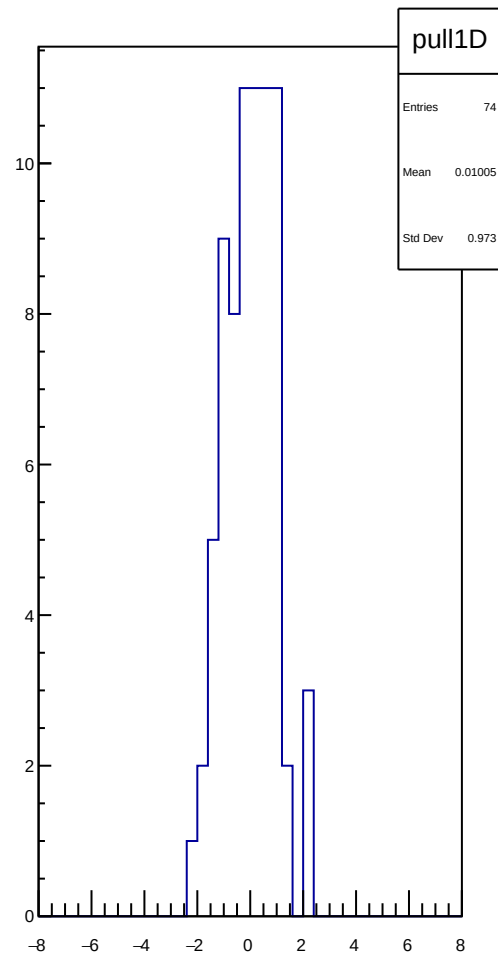
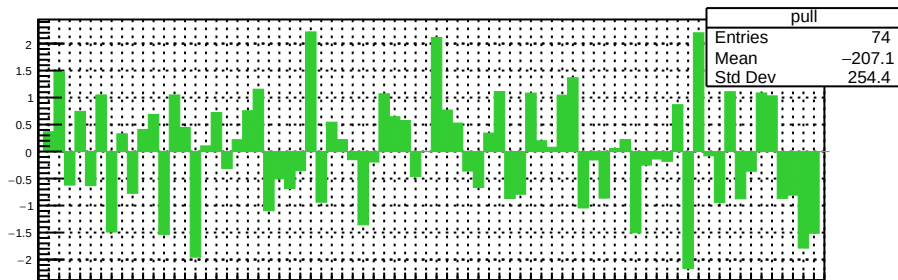
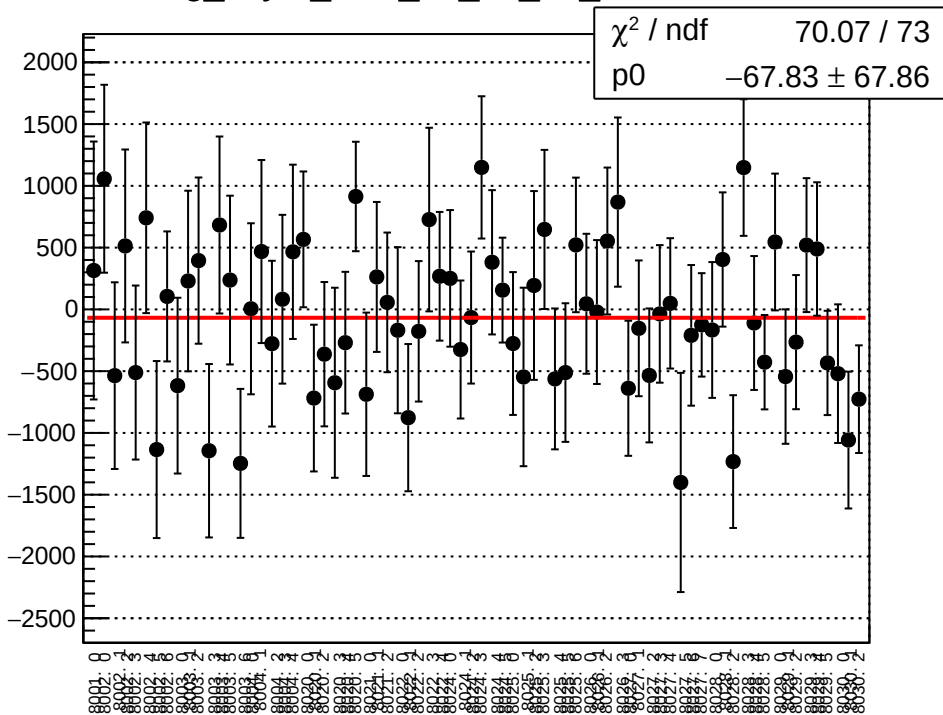
# asym\_sam\_3726\_avg\_mean vs run



asym\_sam\_3726\_avg\_rms vs run

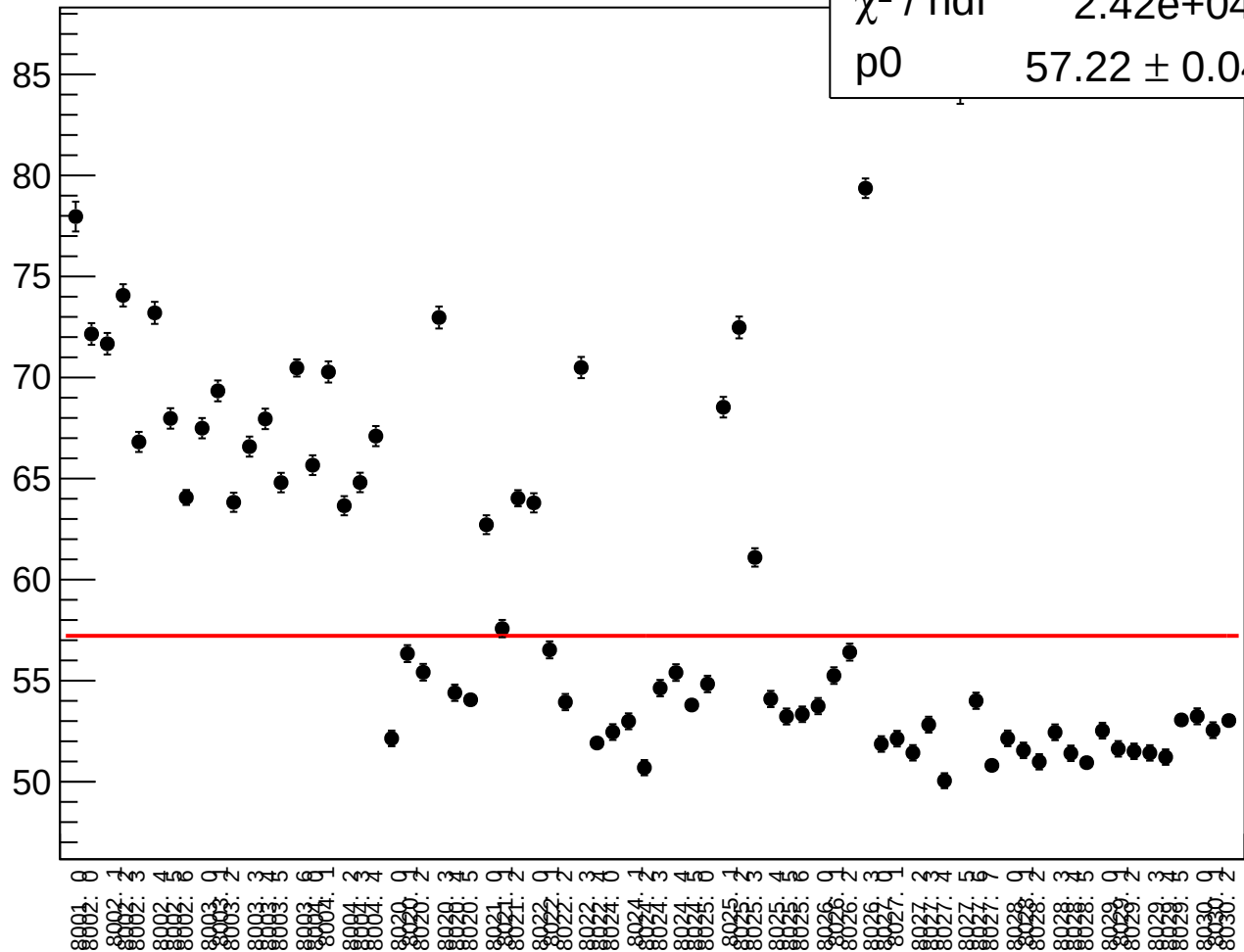


reg\_asym\_sam\_15\_48\_dd\_mean vs run

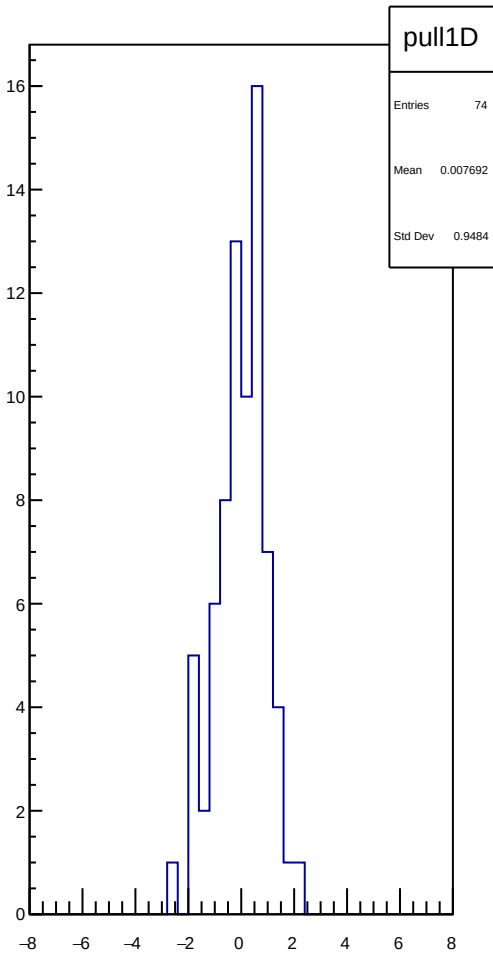
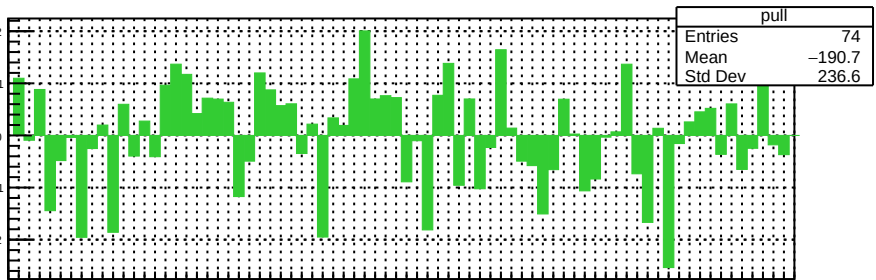
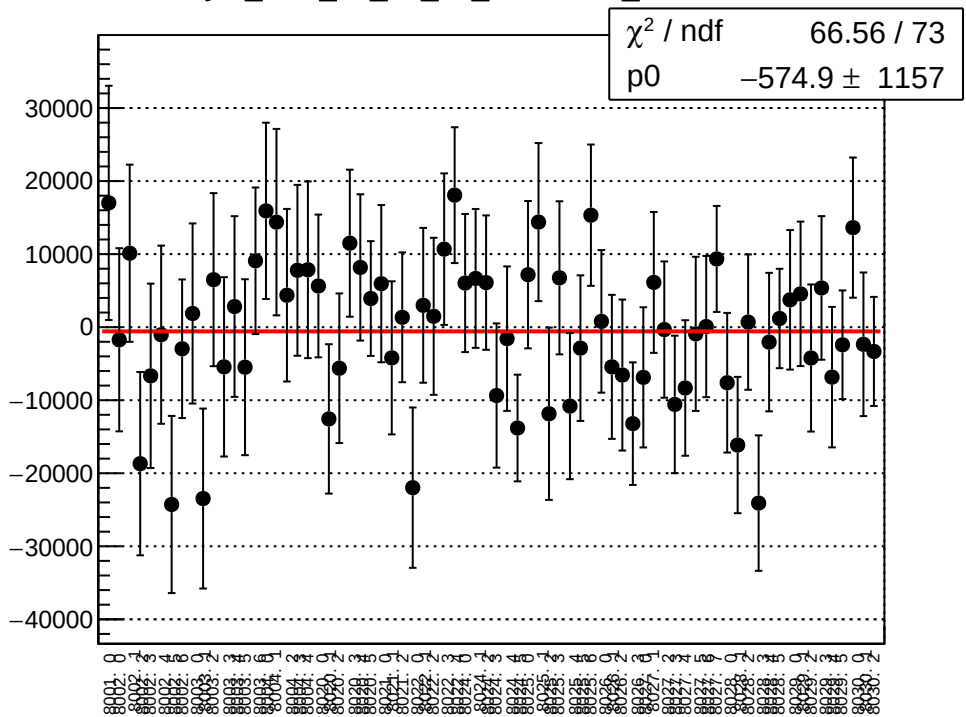


# reg\_asym\_sam\_15\_48\_dd\_rms vs run

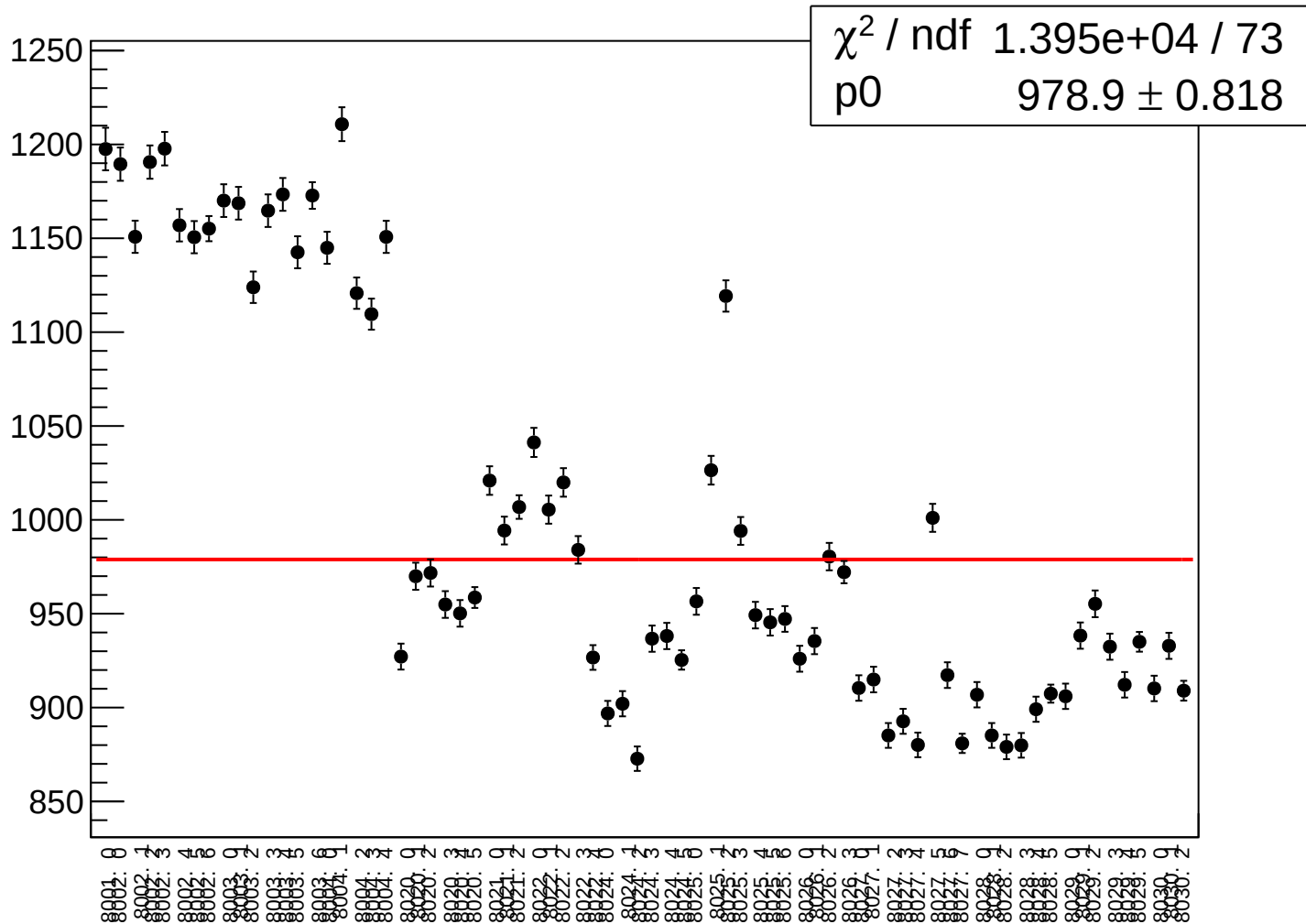
$\chi^2 / \text{ndf}$  2.42e+04 / 73  
p0 57.22 ± 0.04799



asym\_sam\_15\_48\_dd\_correction\_mean vs run

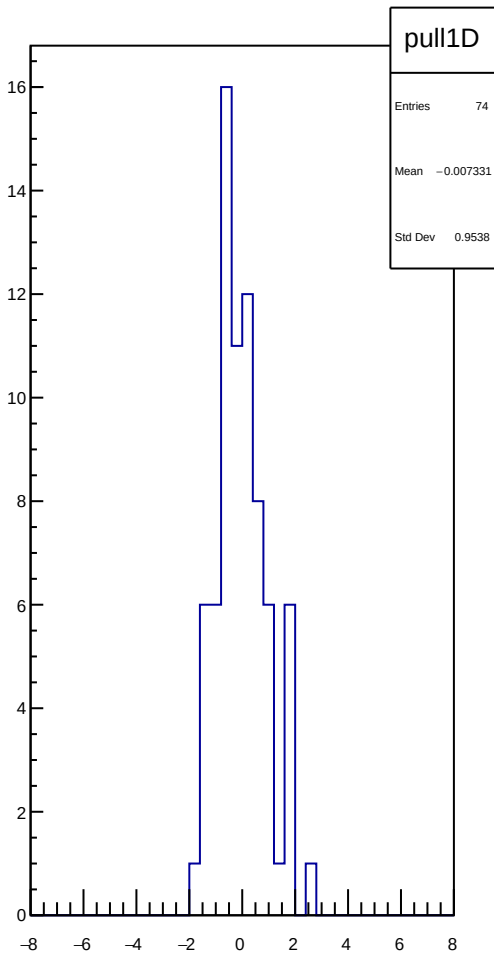
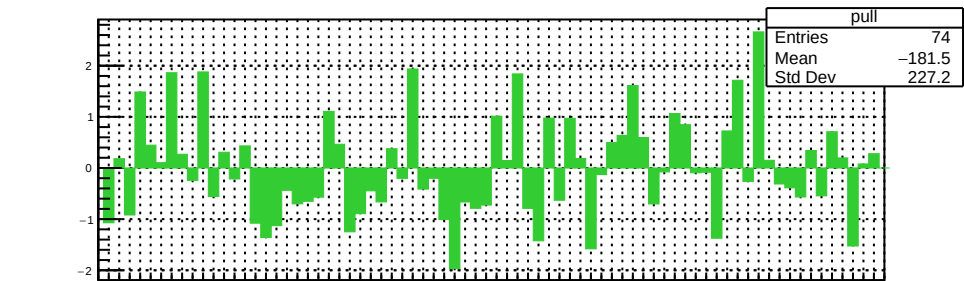
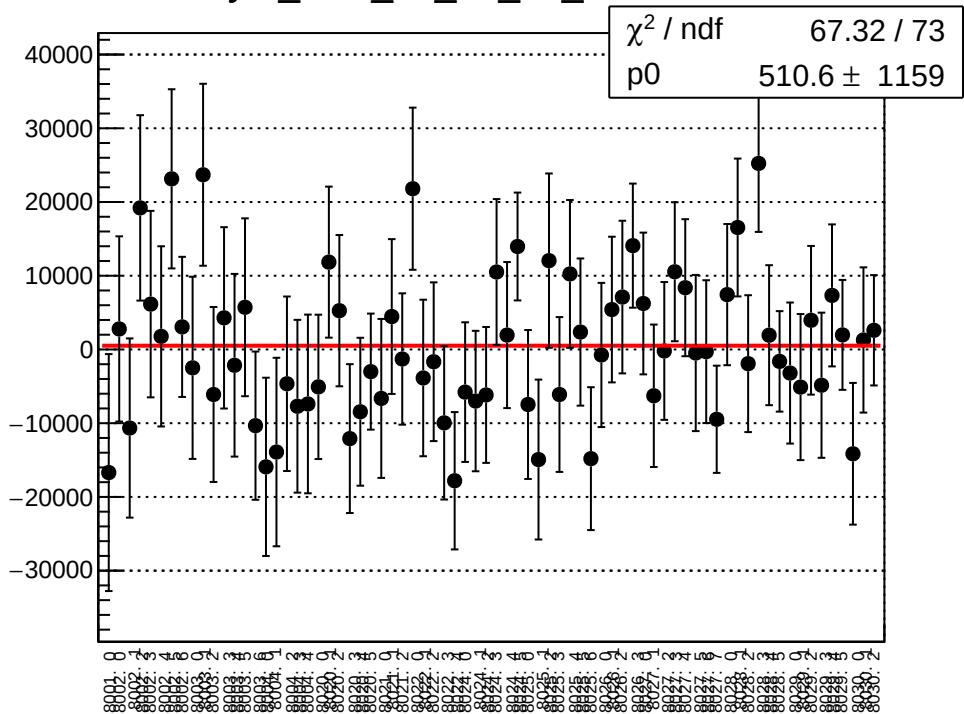


asym\_sam\_15\_48\_dd\_correction\_rms vs run

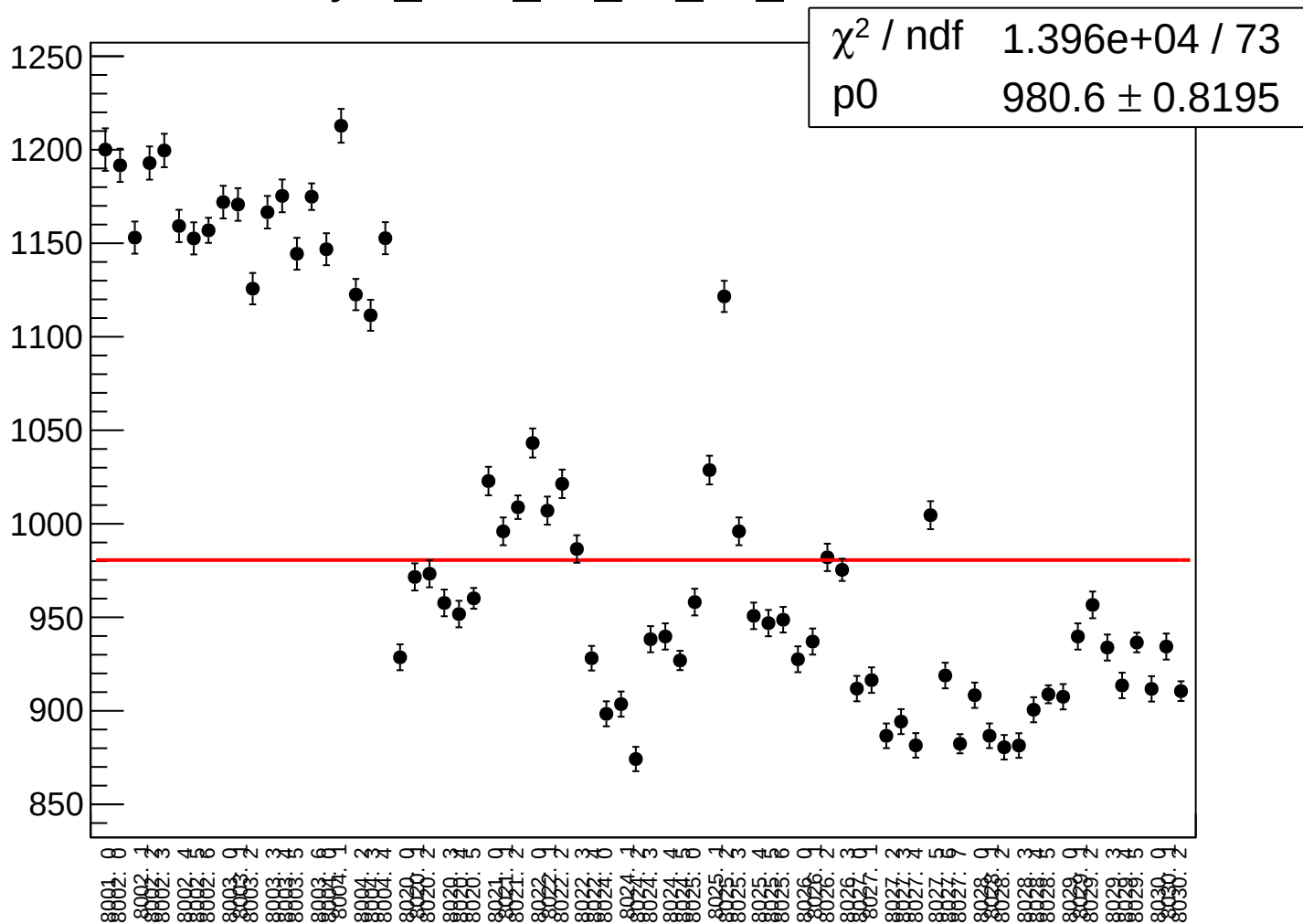




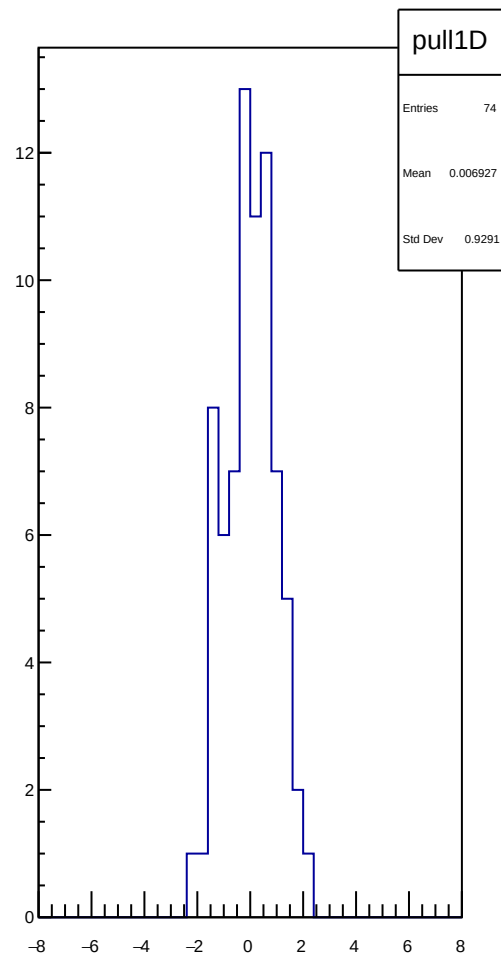
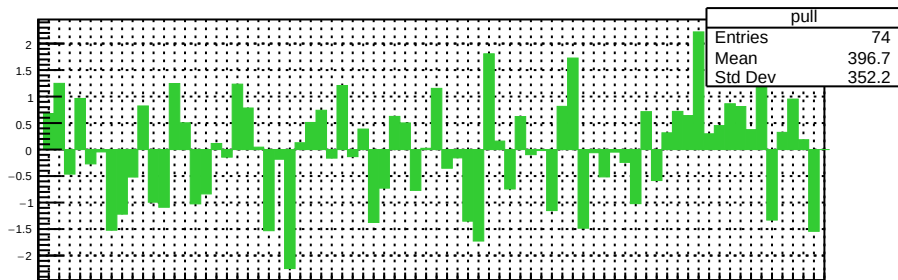
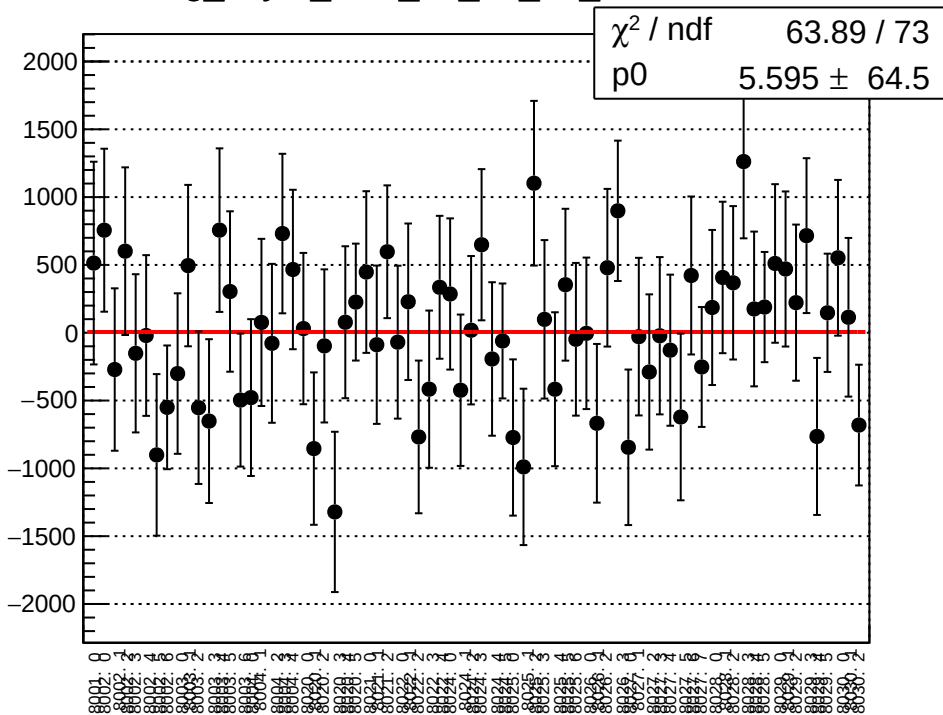
# asym\_sam\_15\_48\_dd\_mean vs run



asym\_sam\_15\_48\_dd\_rms vs run



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



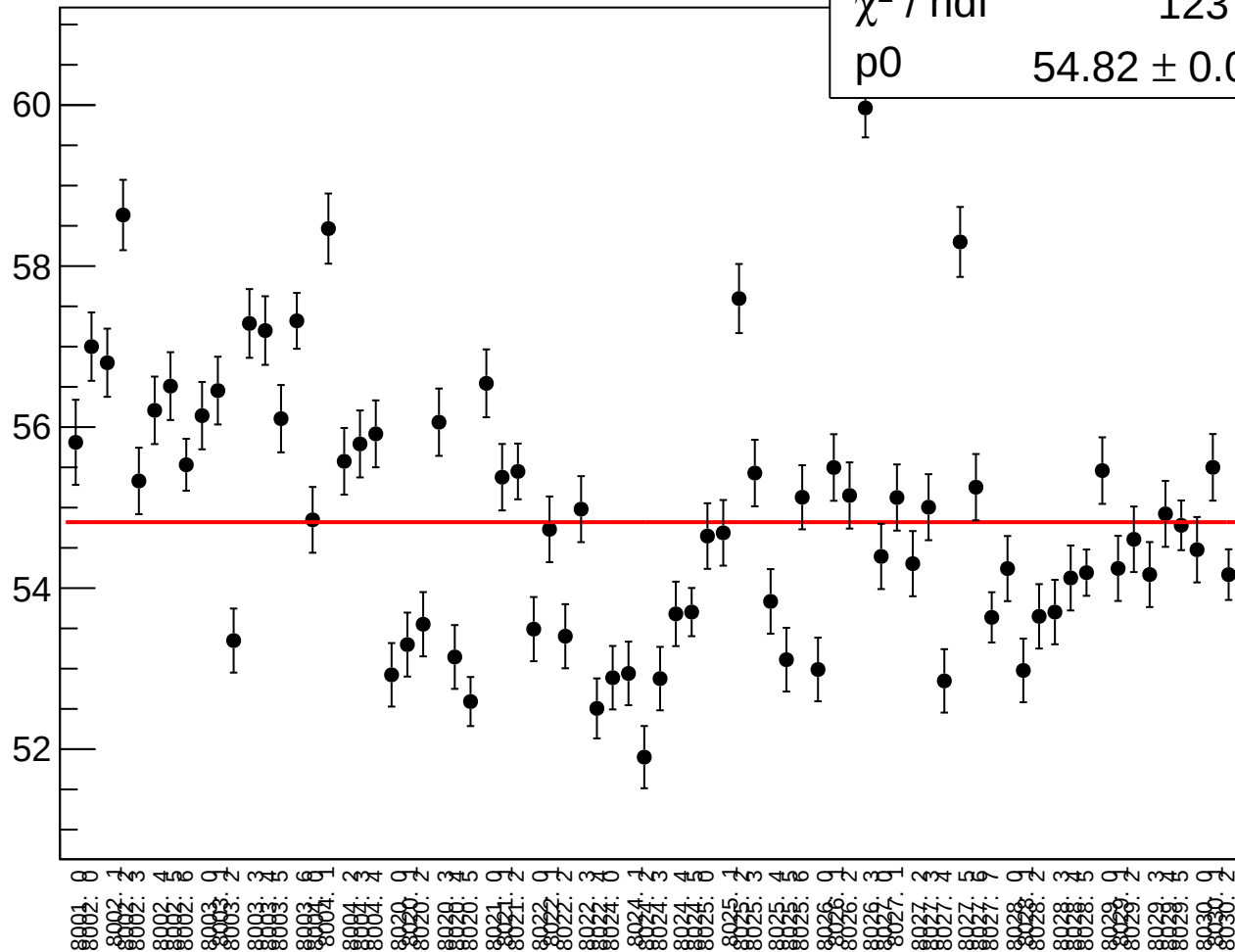
# reg\_asym\_sam\_37\_48\_dd\_rms vs run

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

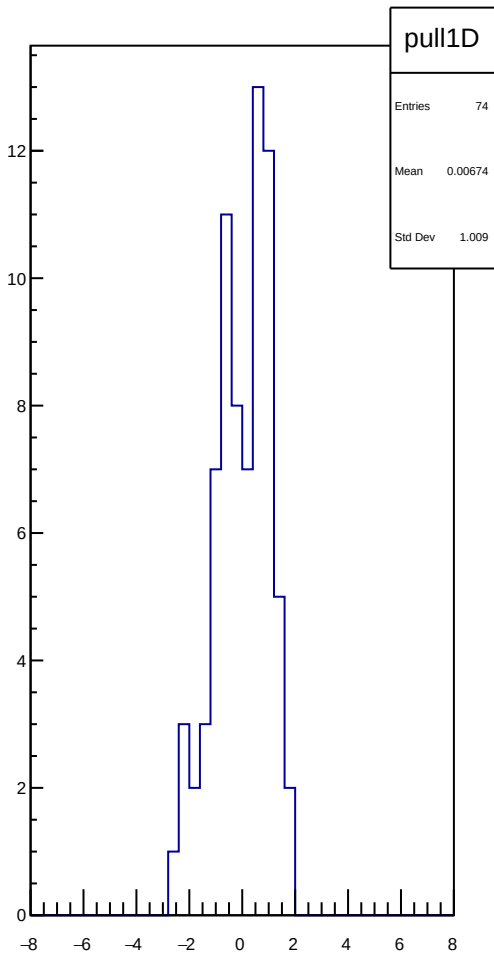
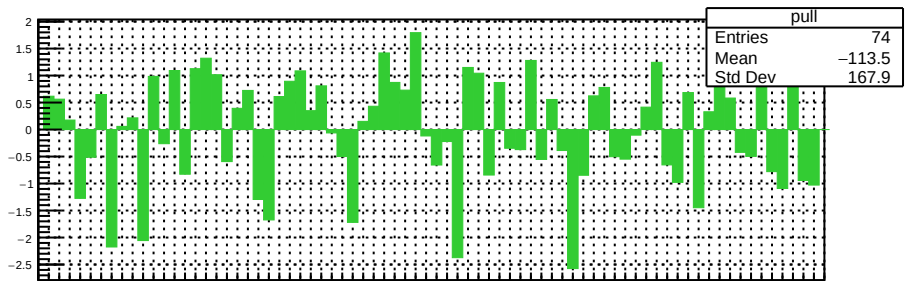
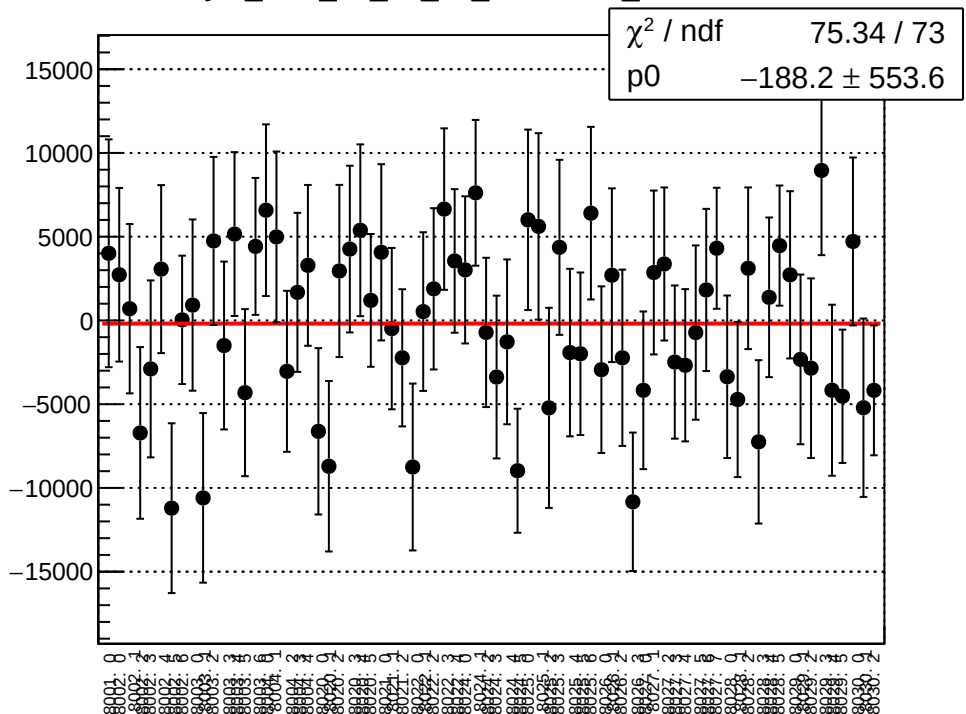
1237 / 73

p0

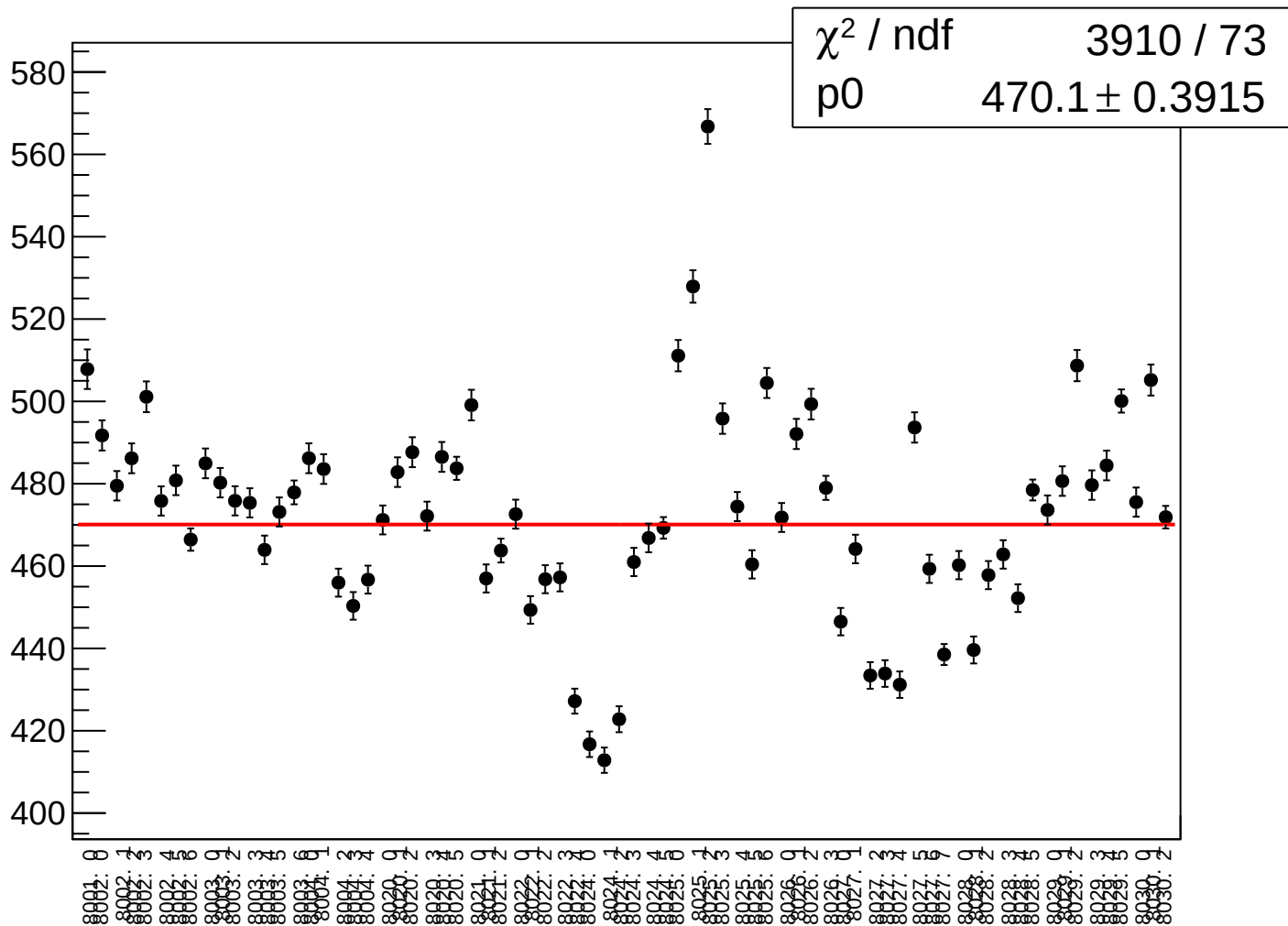
$54.82 \pm 0.04561$



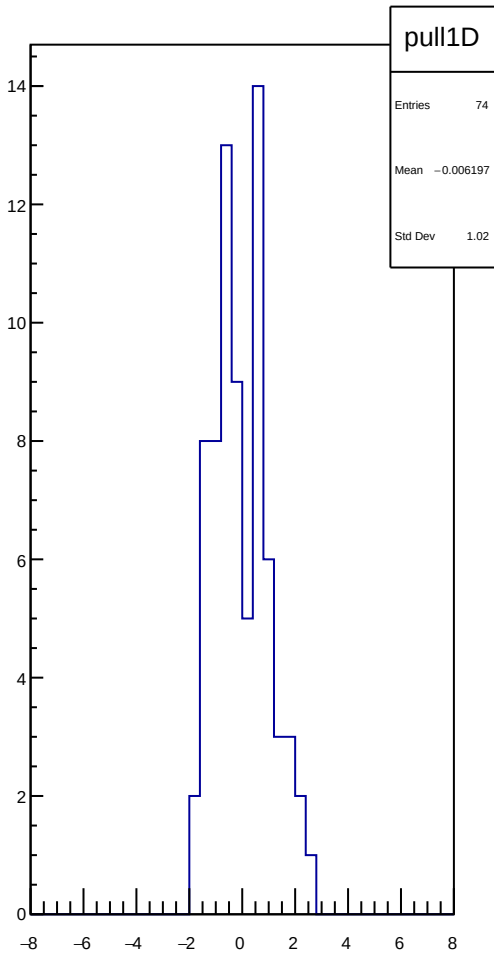
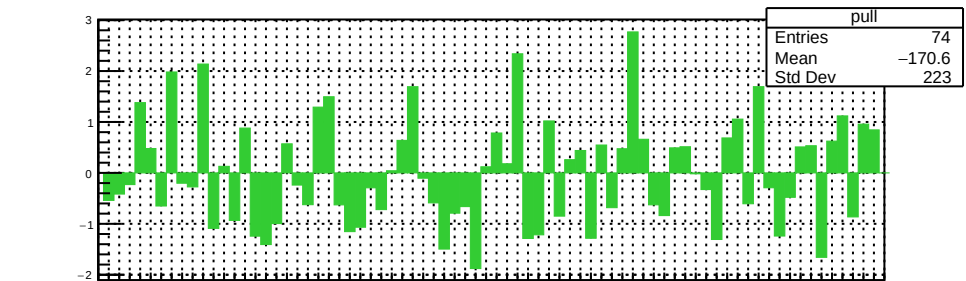
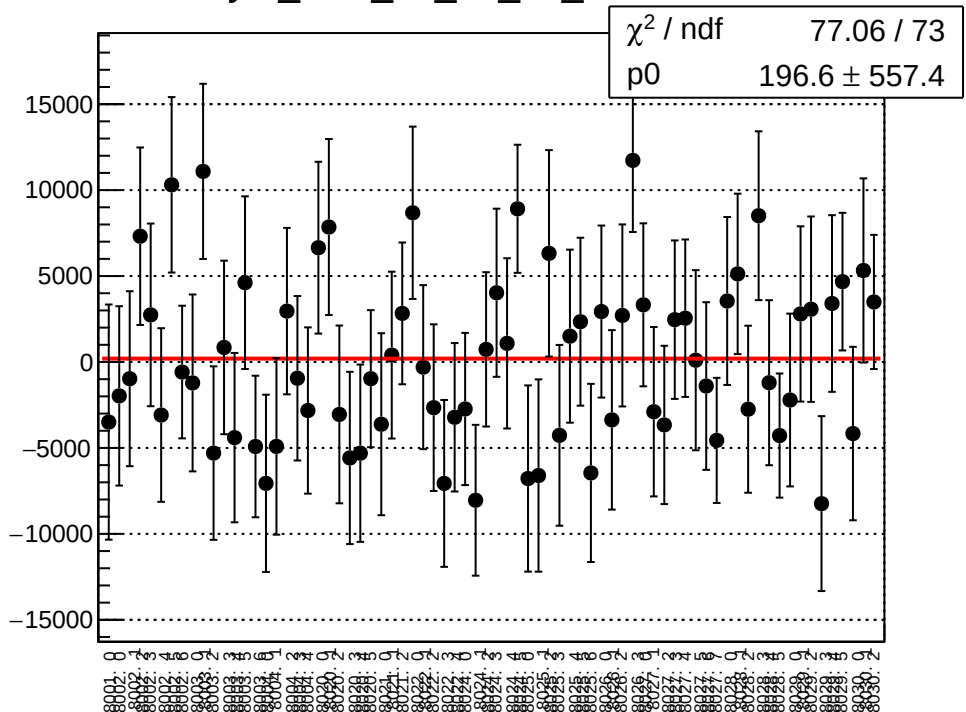
asym\_sam\_37\_48\_dd\_correction\_mean vs run



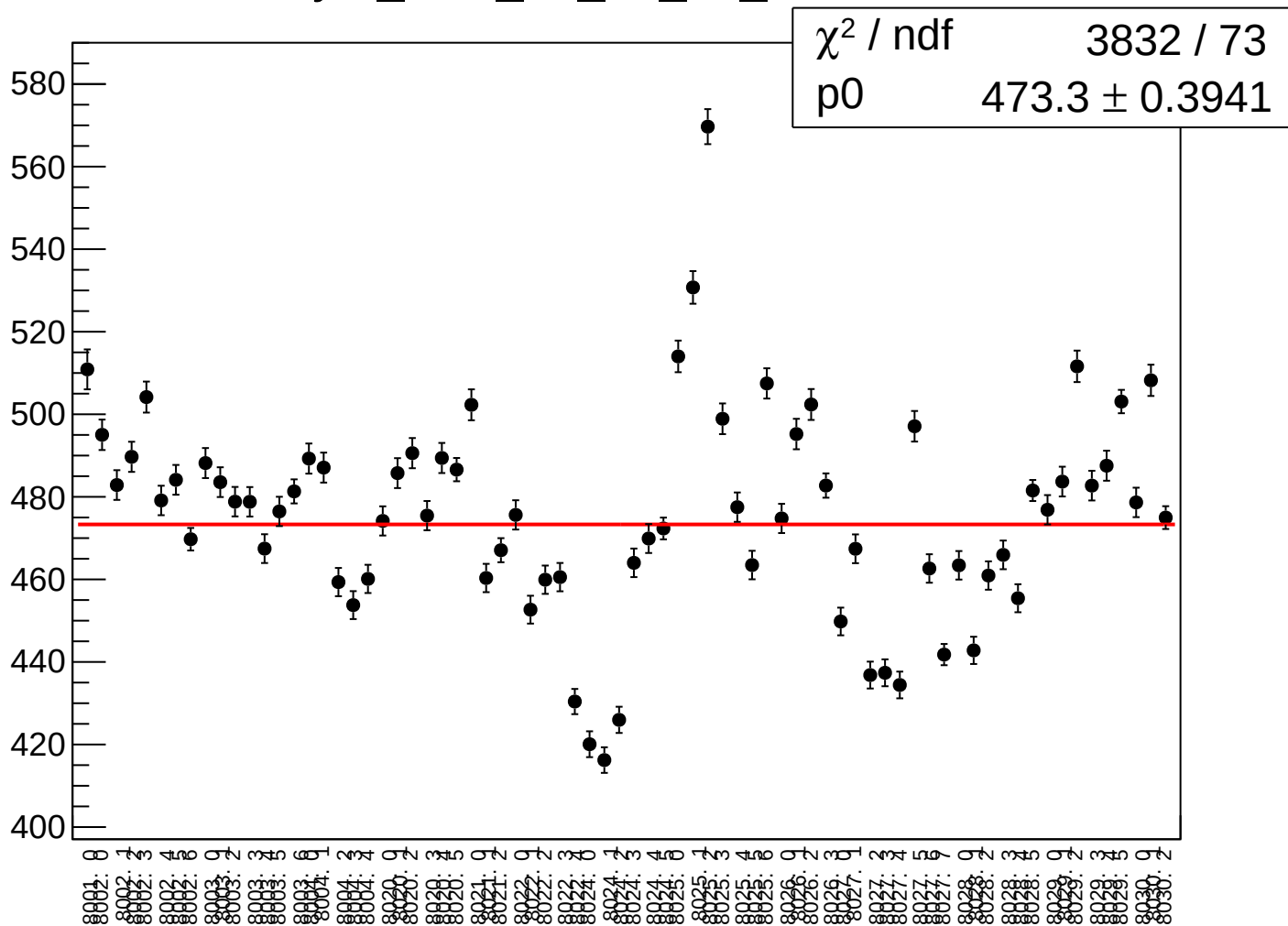
asym\_sam\_37\_48\_dd\_correction\_rms vs run



asym\_sam\_37\_48\_dd\_mean vs run

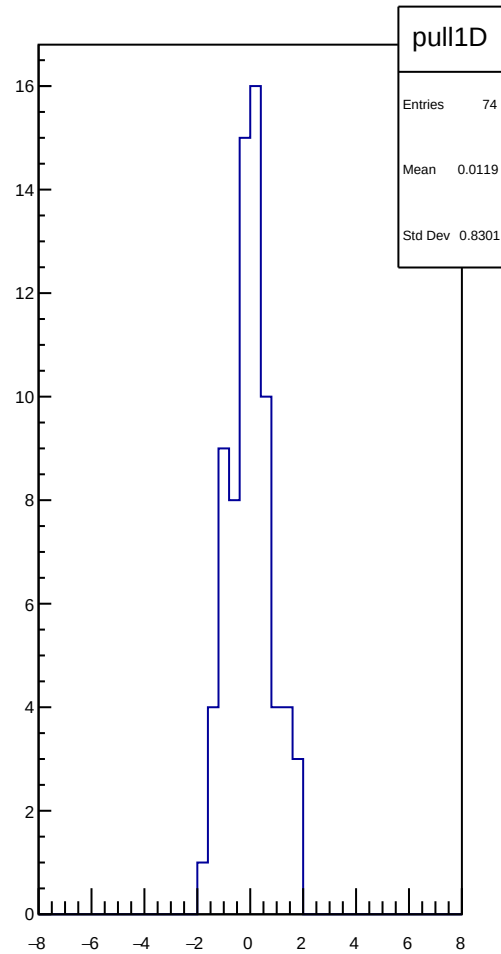
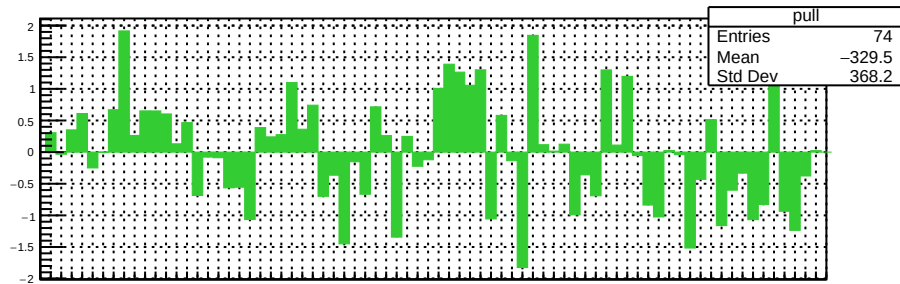
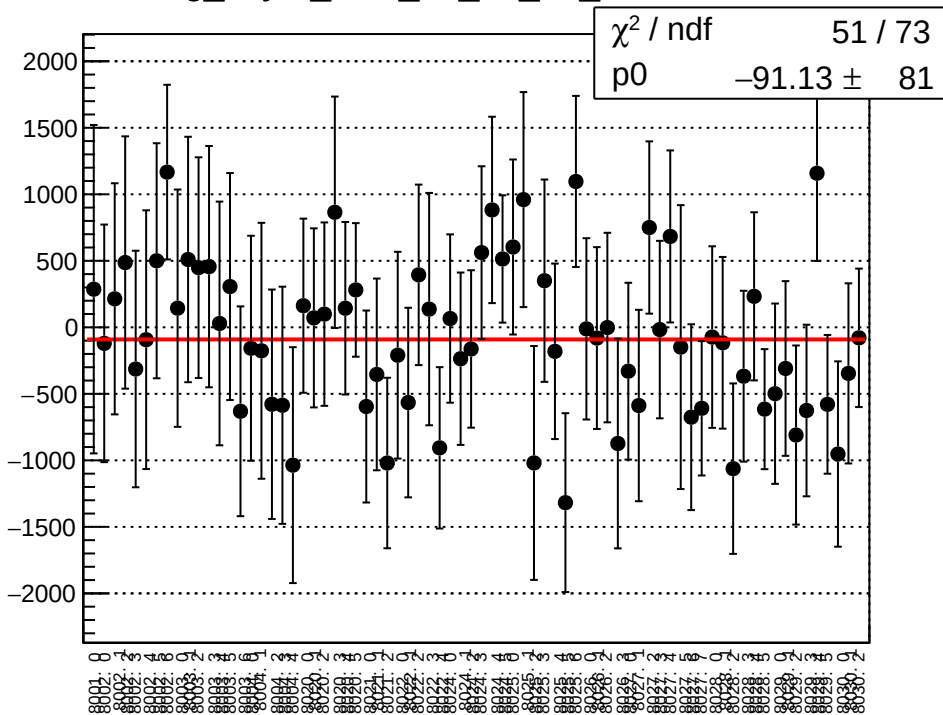


# asym\_sam\_37\_48\_dd\_rms vs run

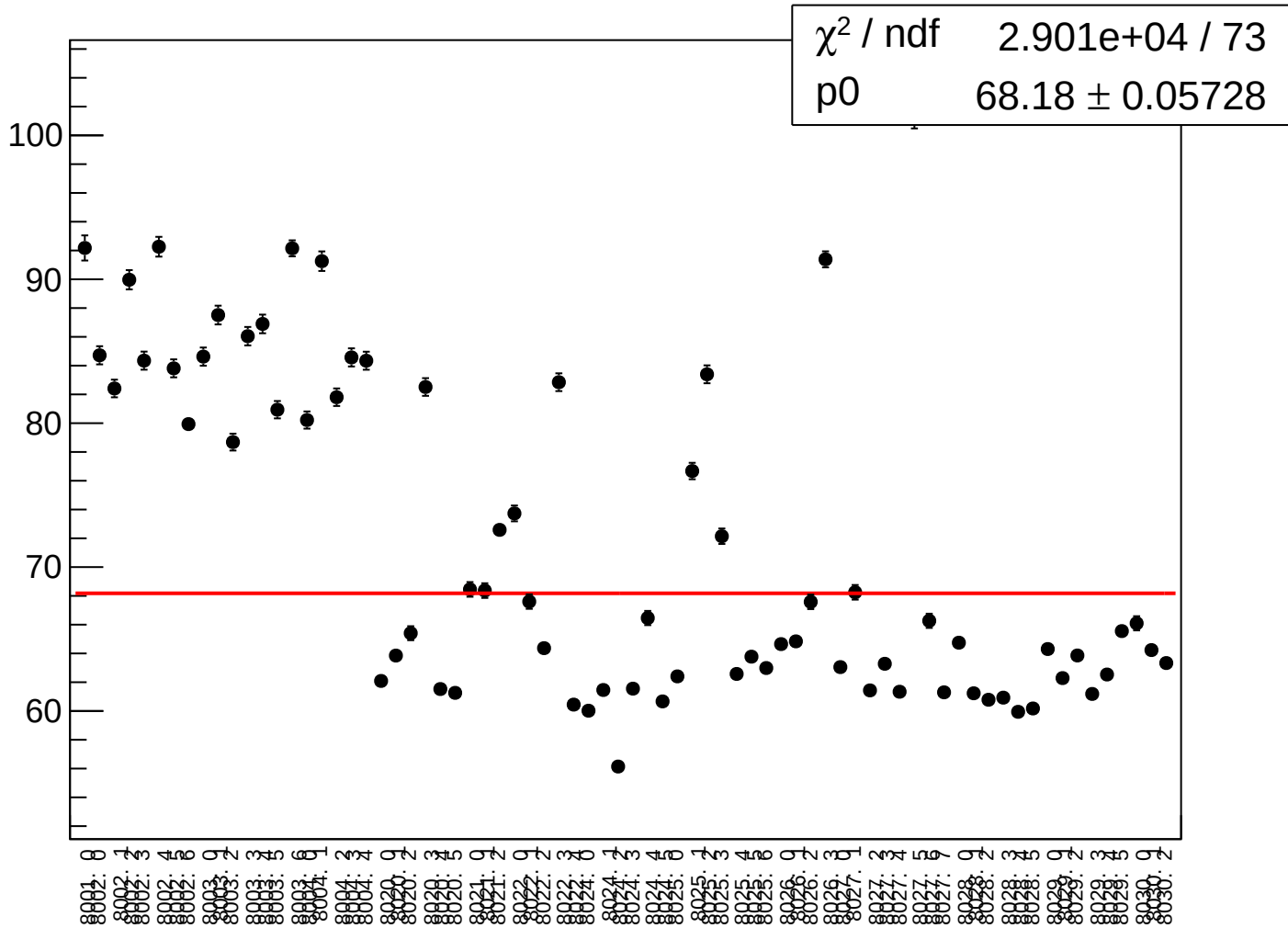




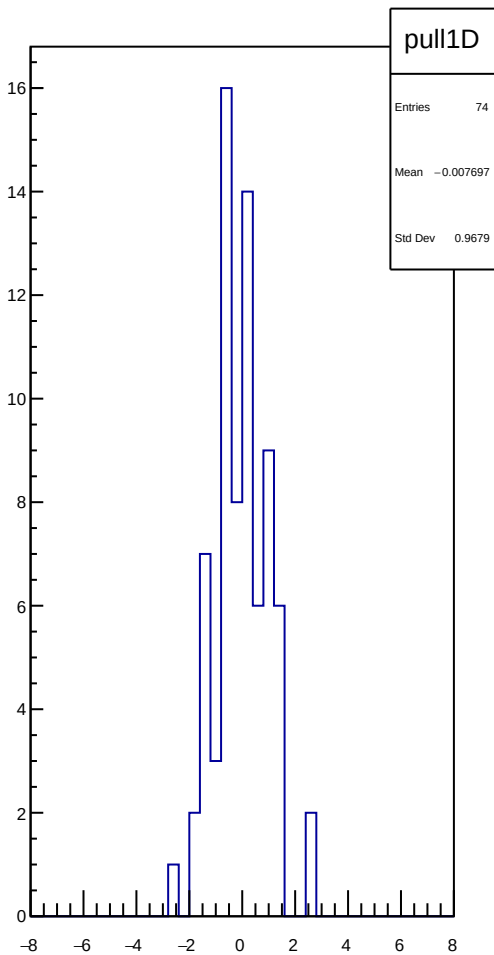
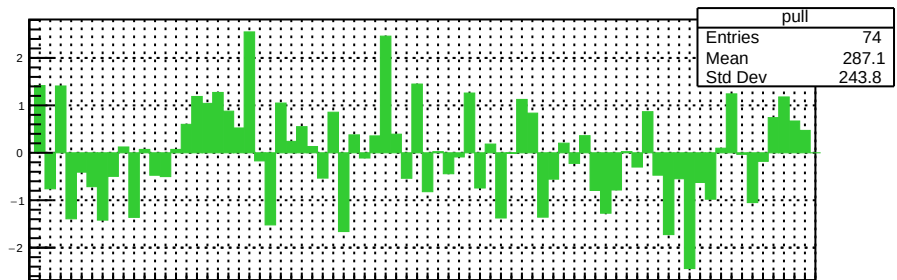
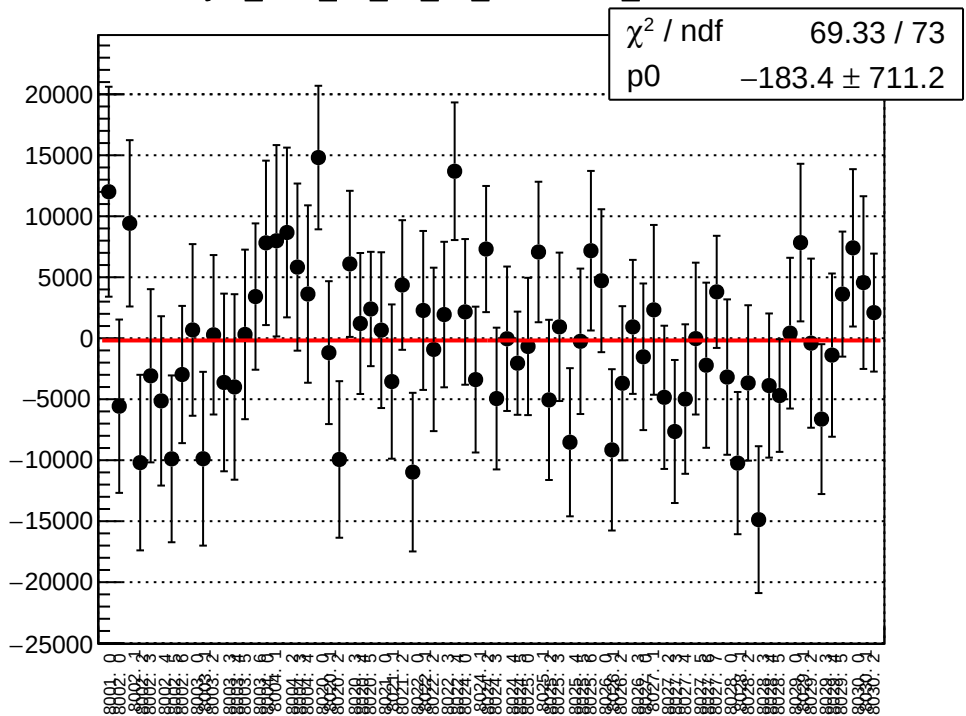
reg\_asym\_sam\_15\_26\_dd\_mean vs run



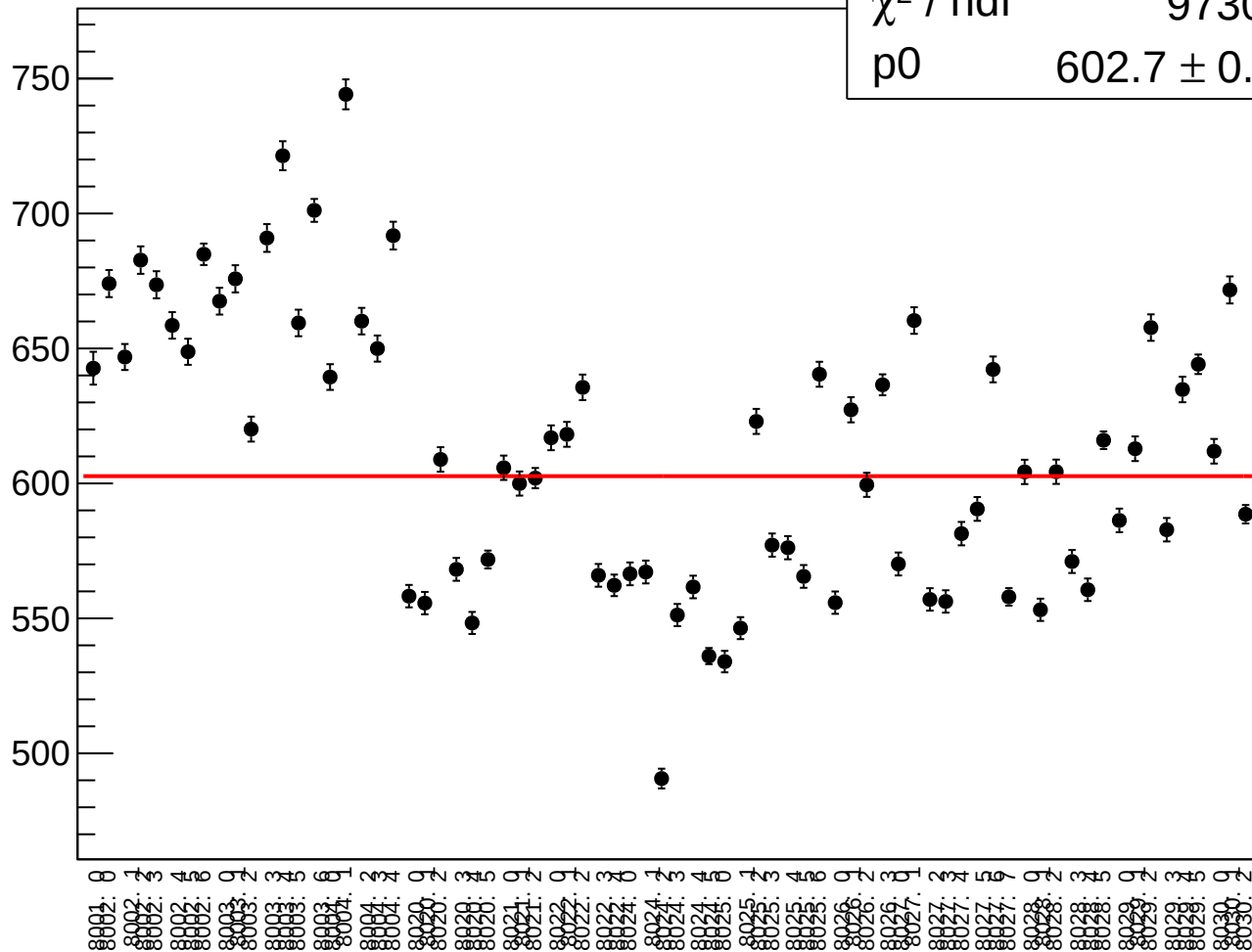
reg\_asym\_sam\_15\_26\_dd\_rms vs run



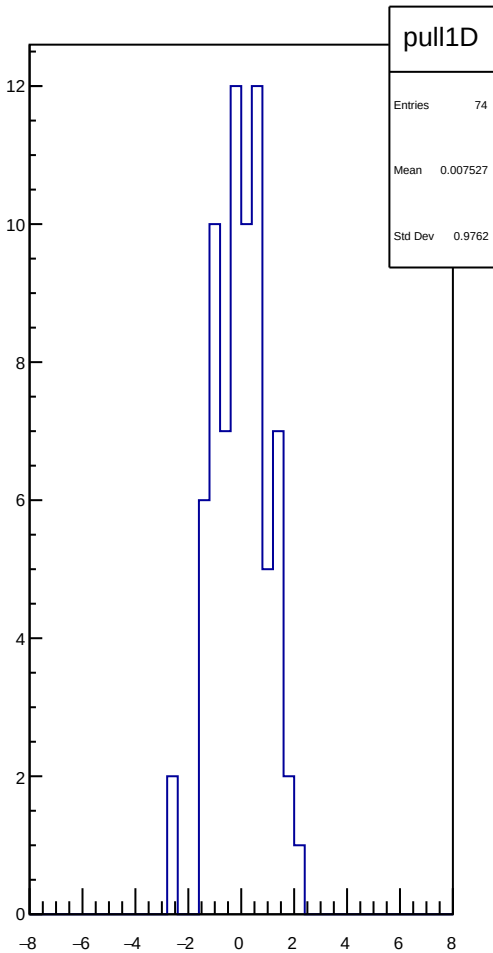
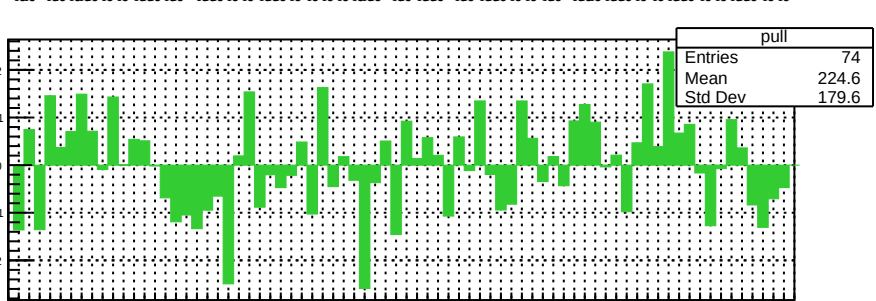
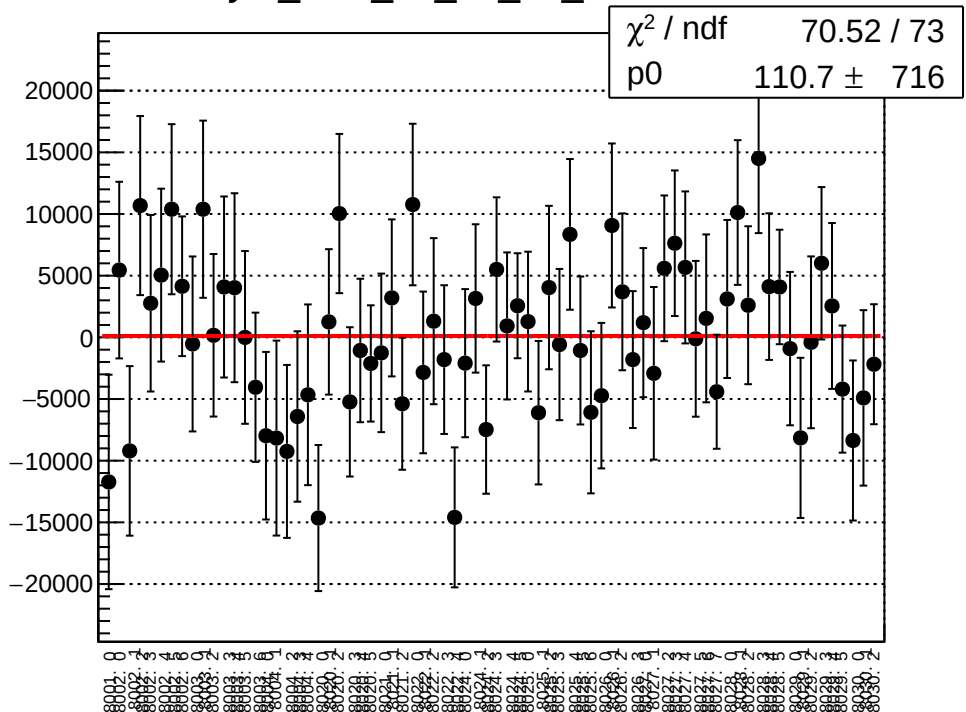
asym\_sam\_15\_26\_dd\_correction\_mean vs run



|                       |                    |
|-----------------------|--------------------|
| $\chi^2 / \text{ndf}$ | 9730 / 73          |
| p0                    | $602.7 \pm 0.5029$ |



asym\_sam\_15\_26\_dd\_mean vs run



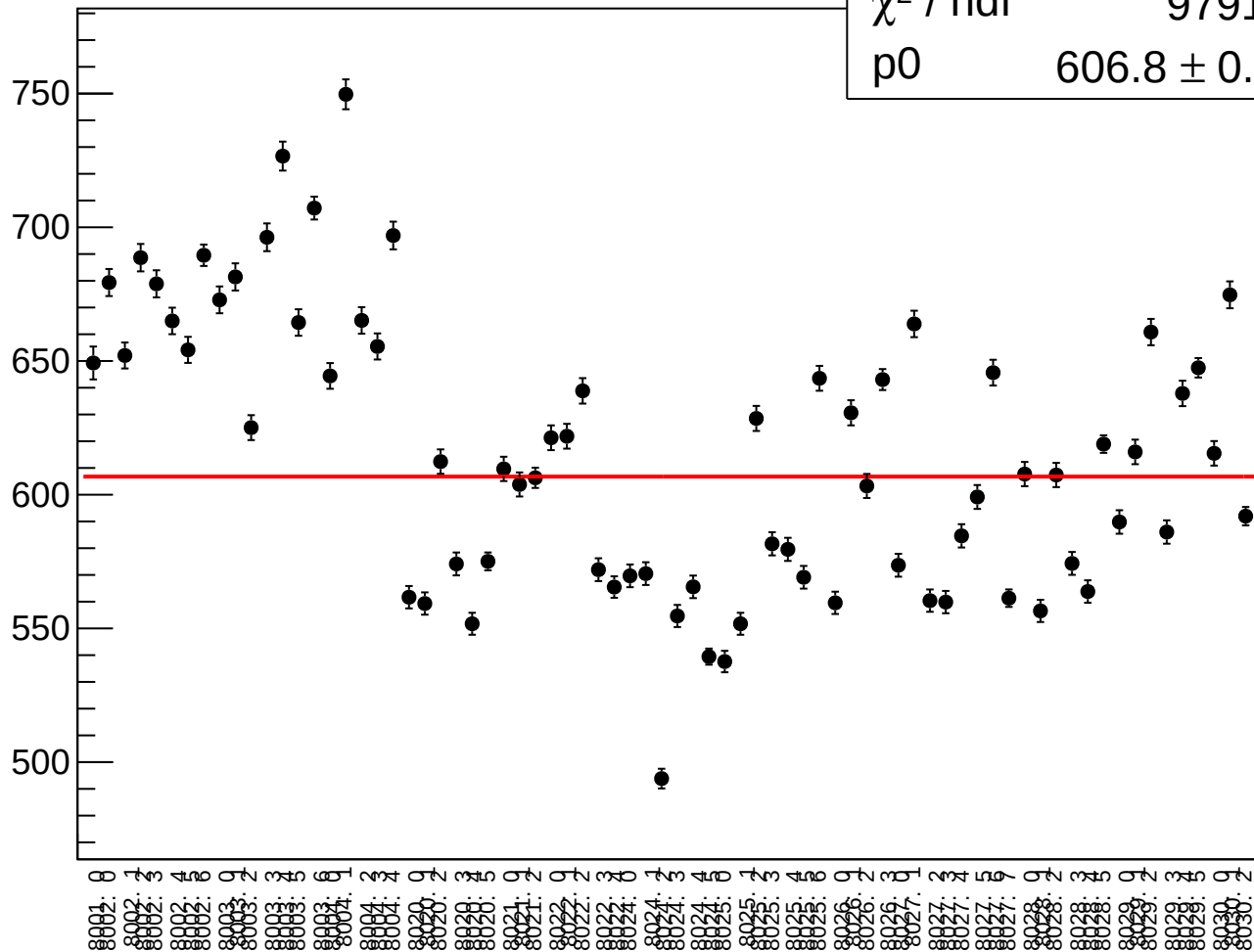
# asym\_sam\_15\_26\_dd\_rms vs run

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

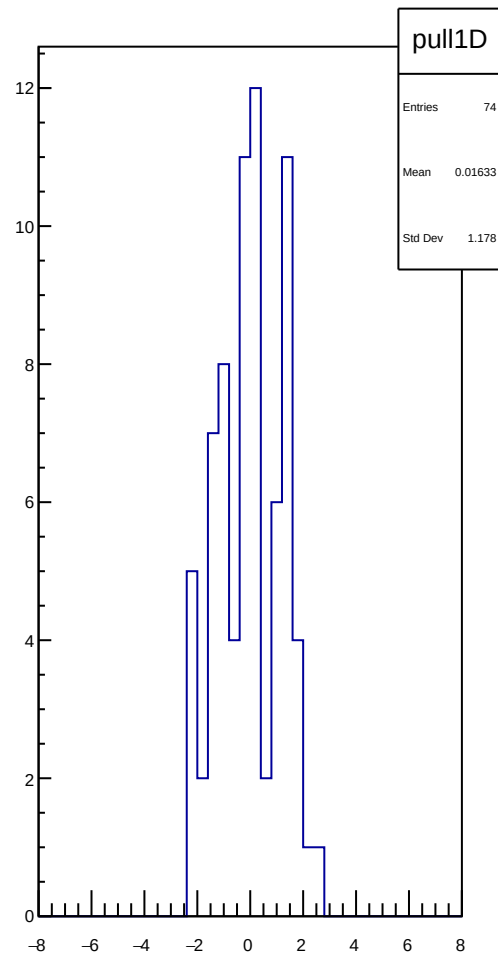
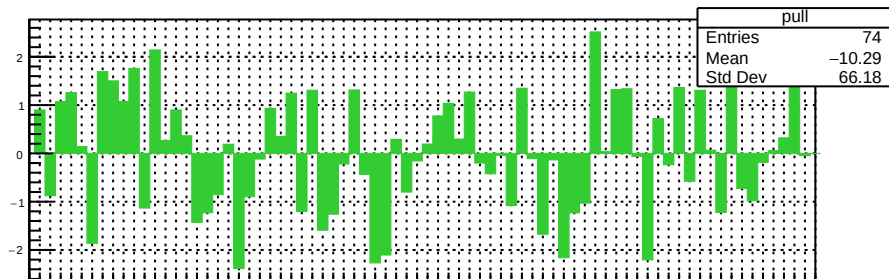
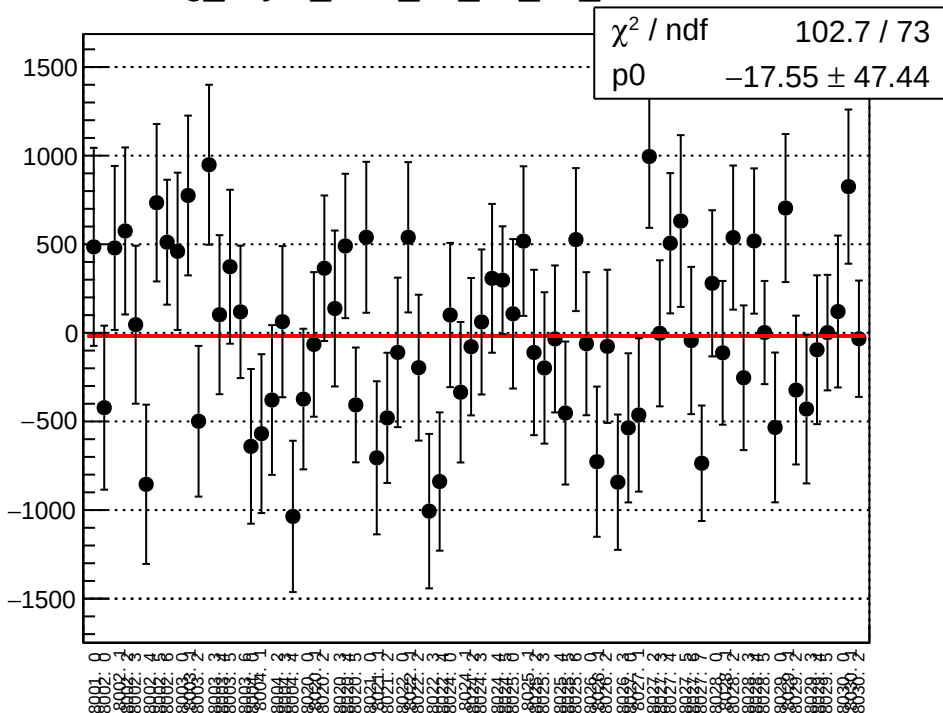
9791 / 73

p0

$606.8 \pm 0.5063$



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



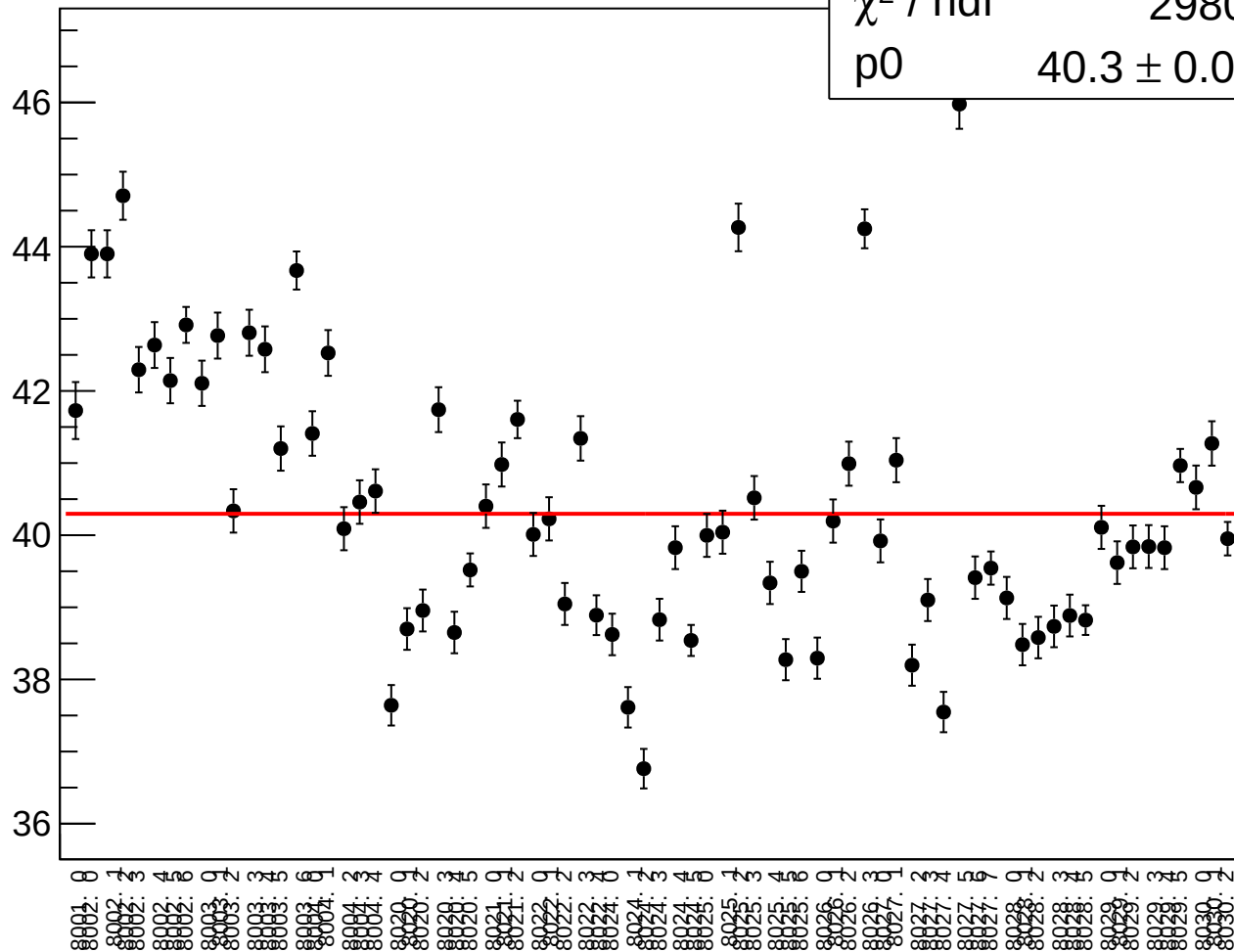
# reg\_asym\_sam\_37\_26\_dd\_rms vs run

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

2980 / 73

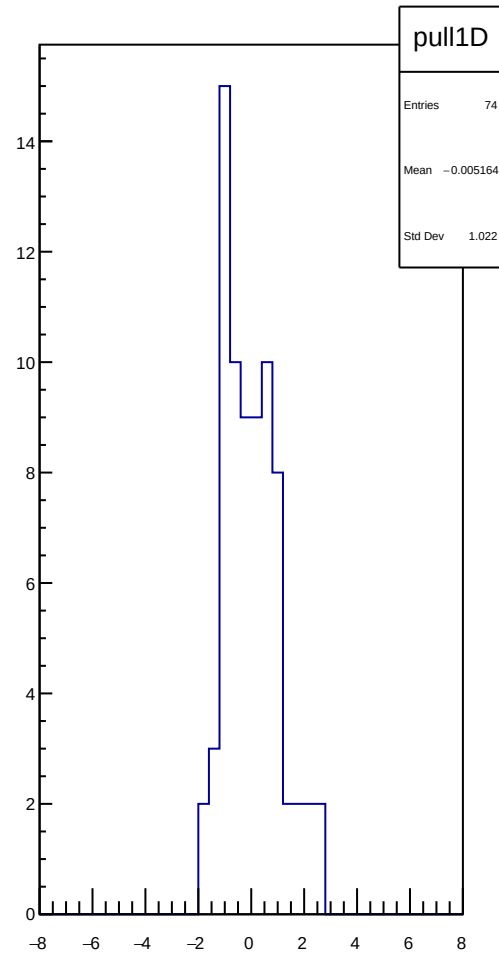
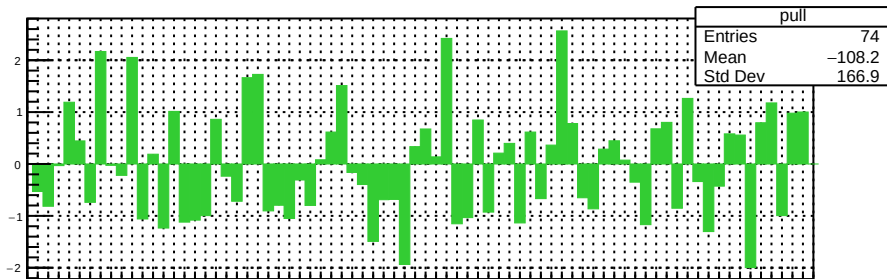
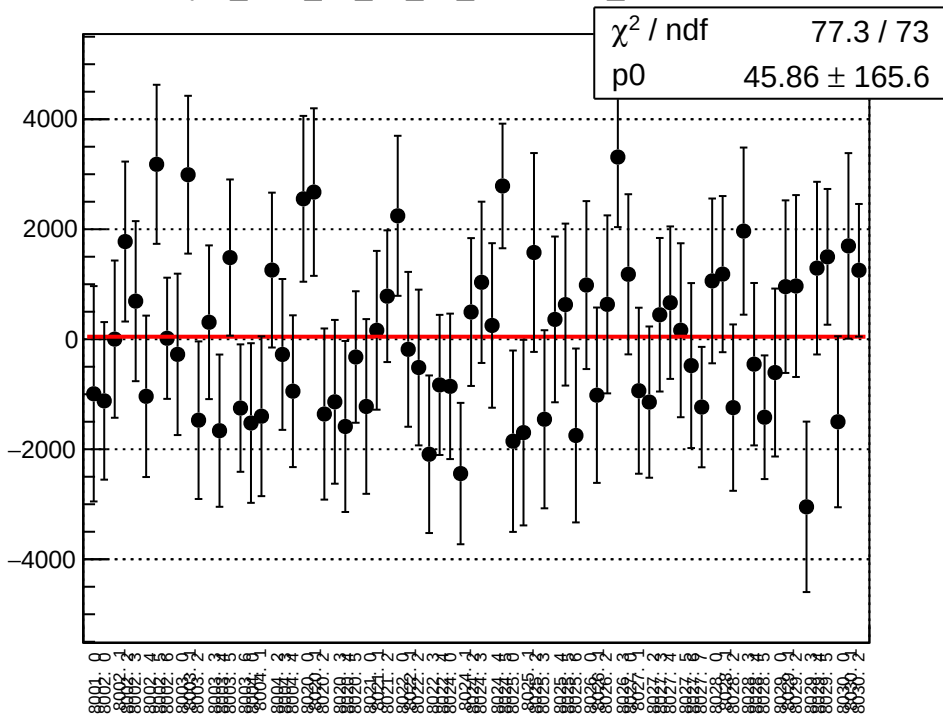
p0

$40.3 \pm 0.03355$

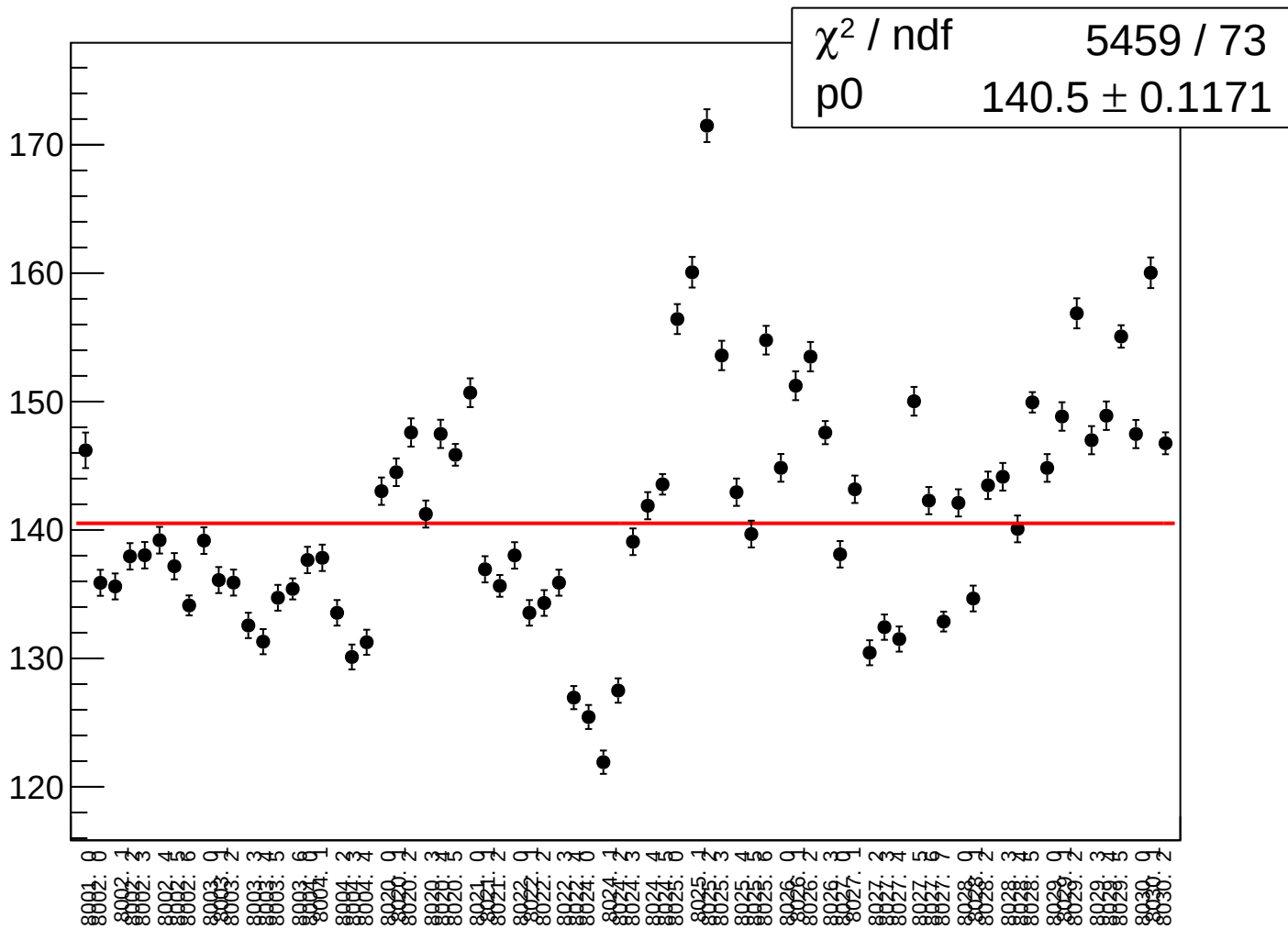




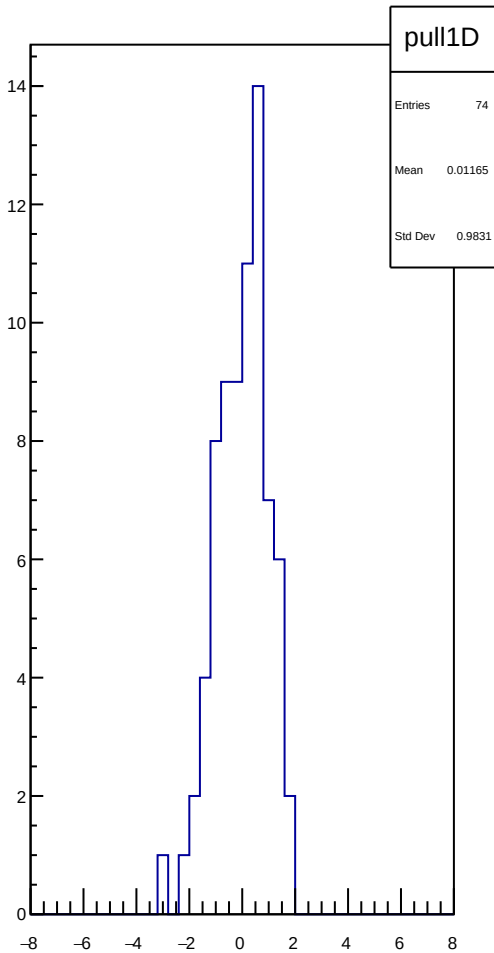
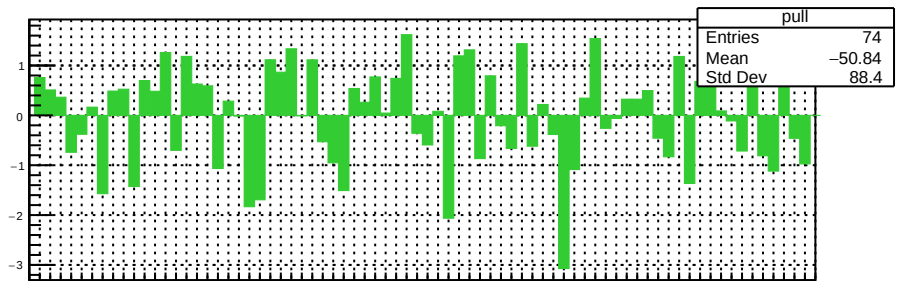
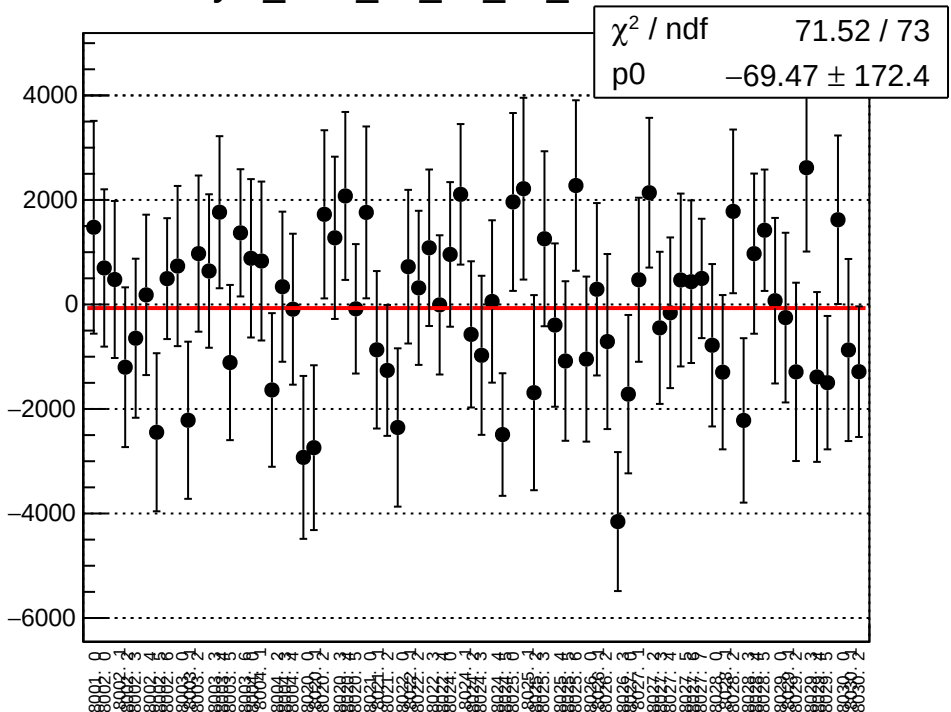
asym\_sam\_37\_26\_dd\_correction\_mean vs run



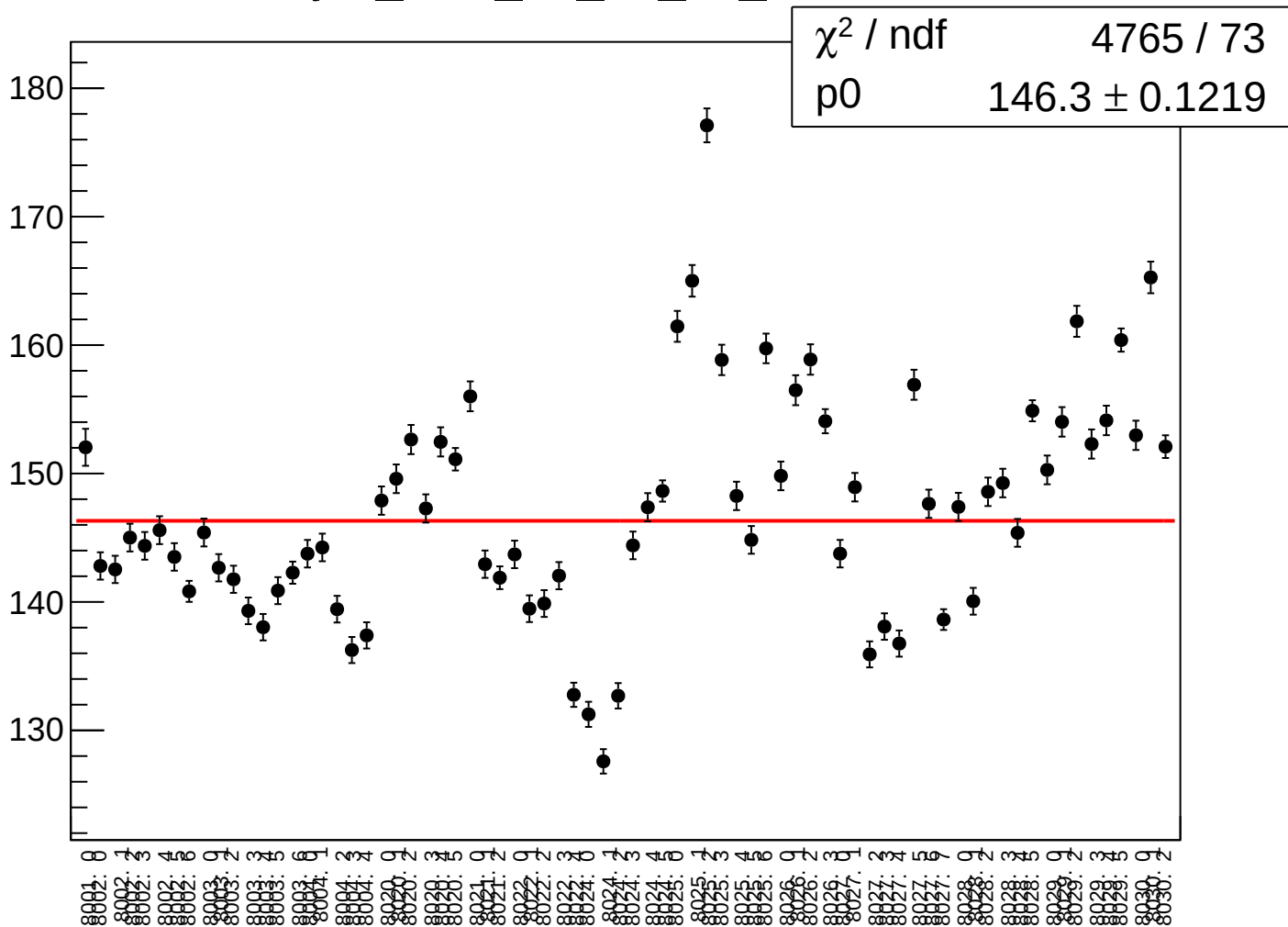
asym\_sam\_37\_26\_dd\_correction\_rms vs run



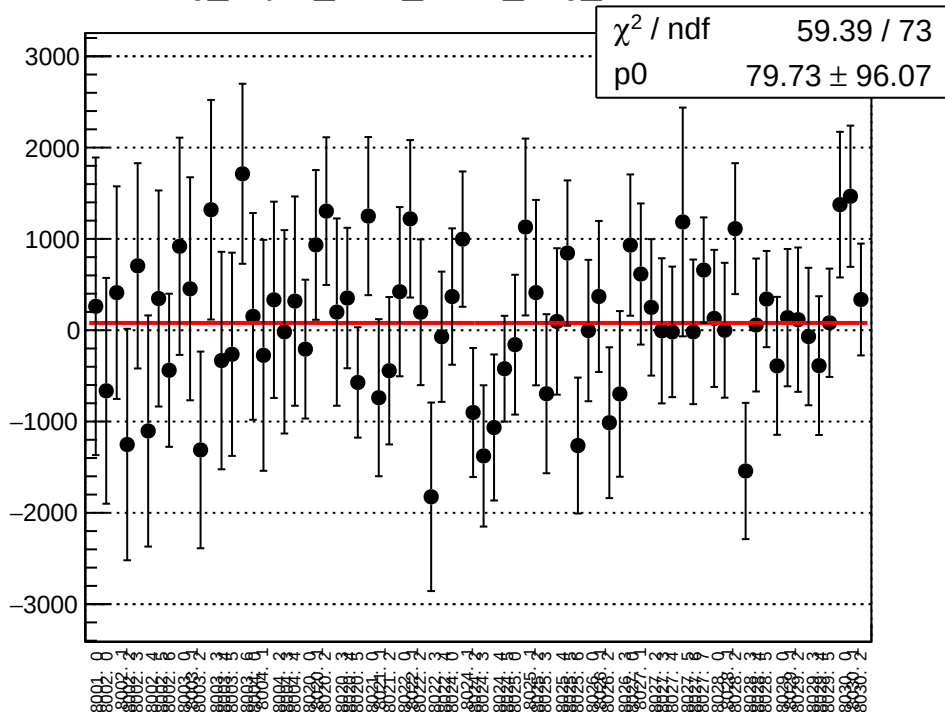
# asym\_sam\_37\_26\_dd\_mean vs run



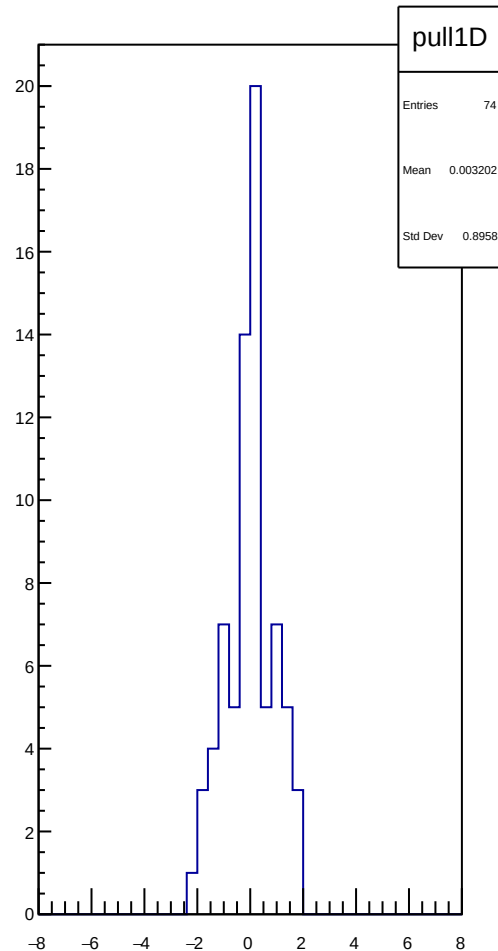
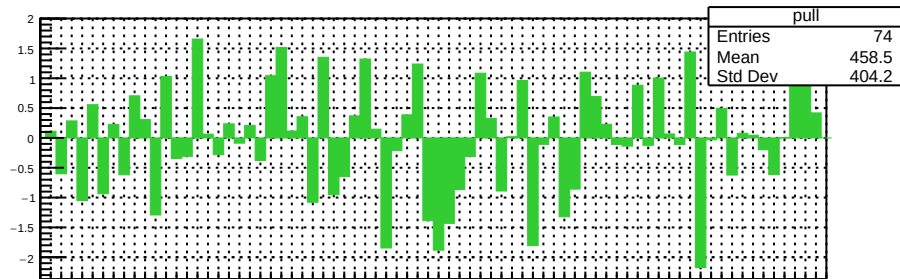
# asym\_sam\_37\_26\_dd\_rms vs run



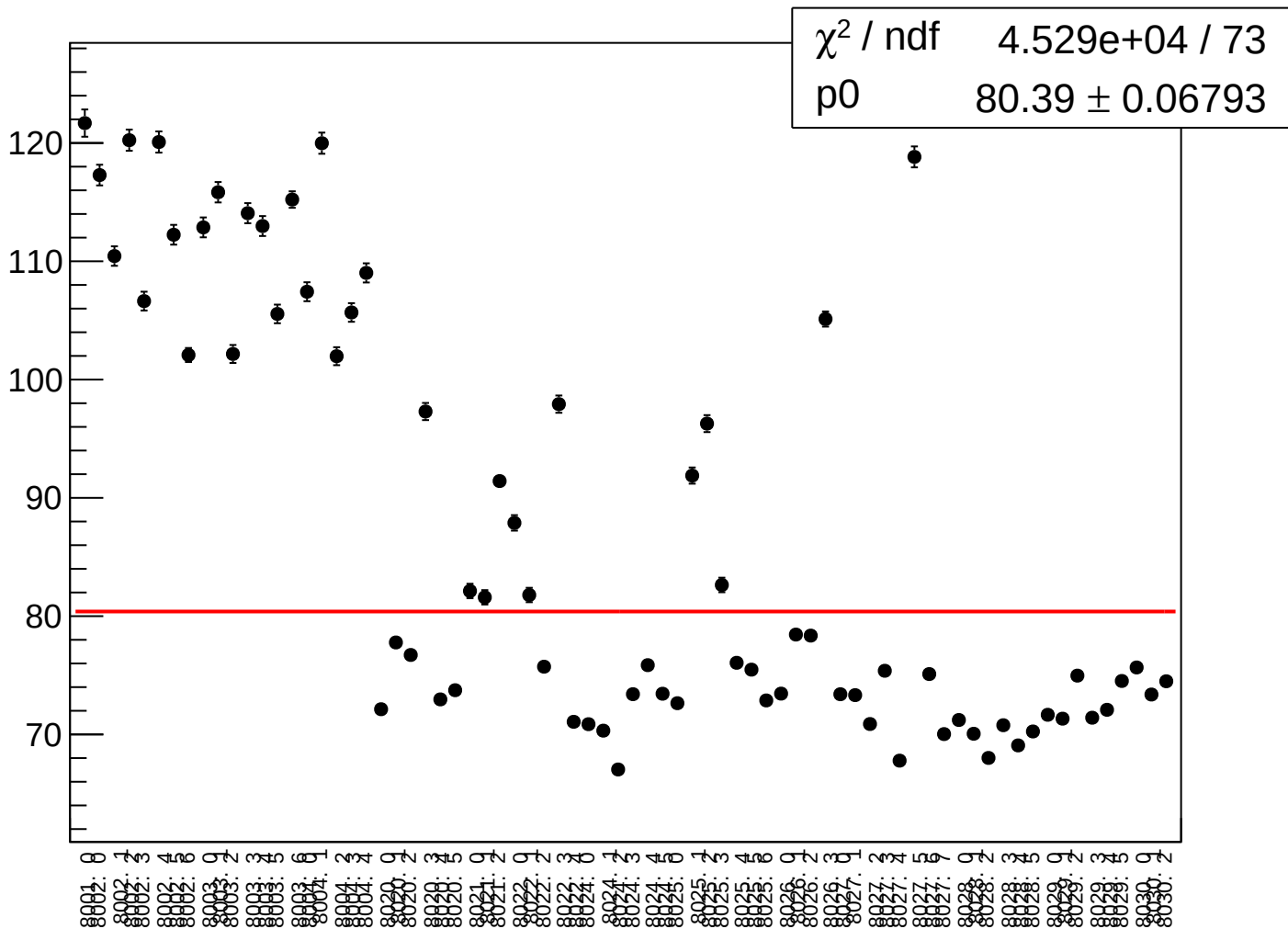
reg\_asym\_sam\_1357\_avg\_mean vs run



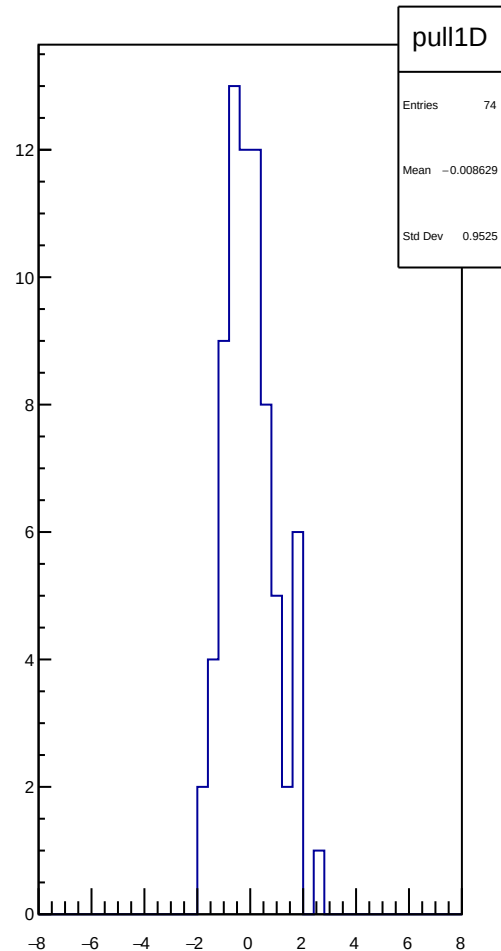
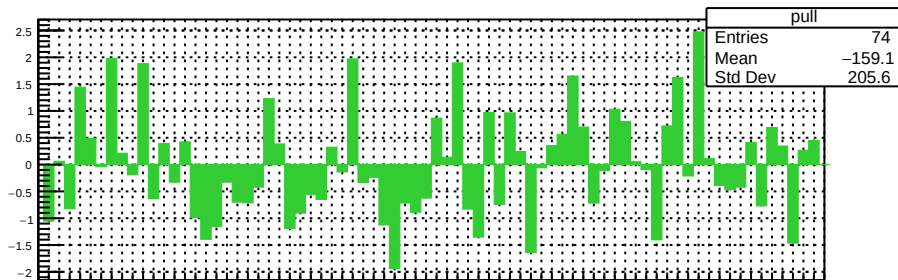
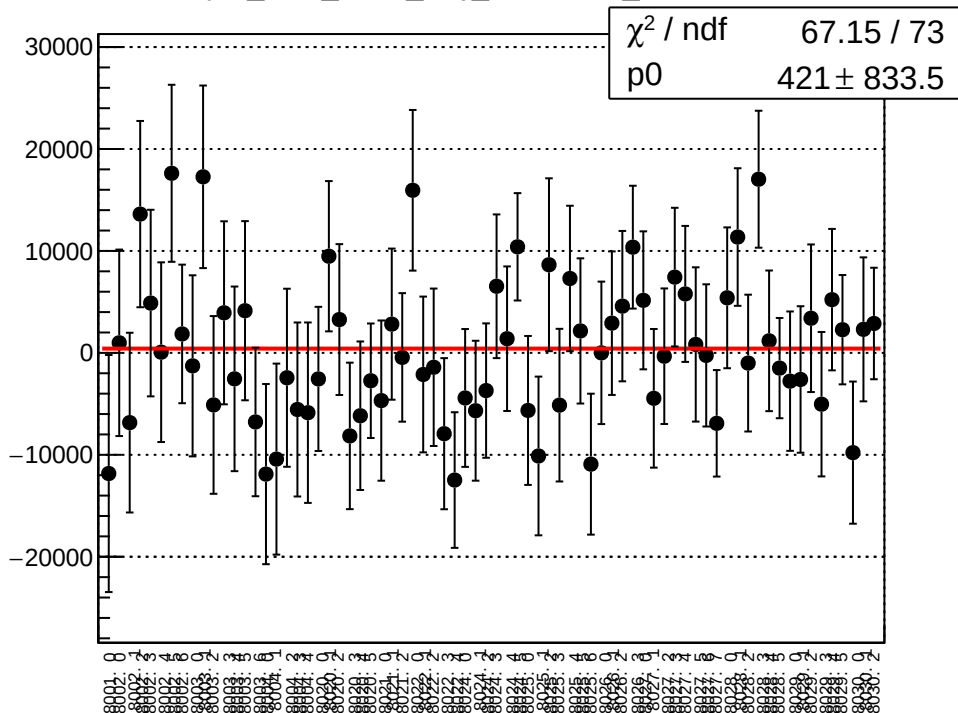
$\chi^2 / \text{ndf}$  59.39 / 73  
 $p_0$   $79.73 \pm 96.07$



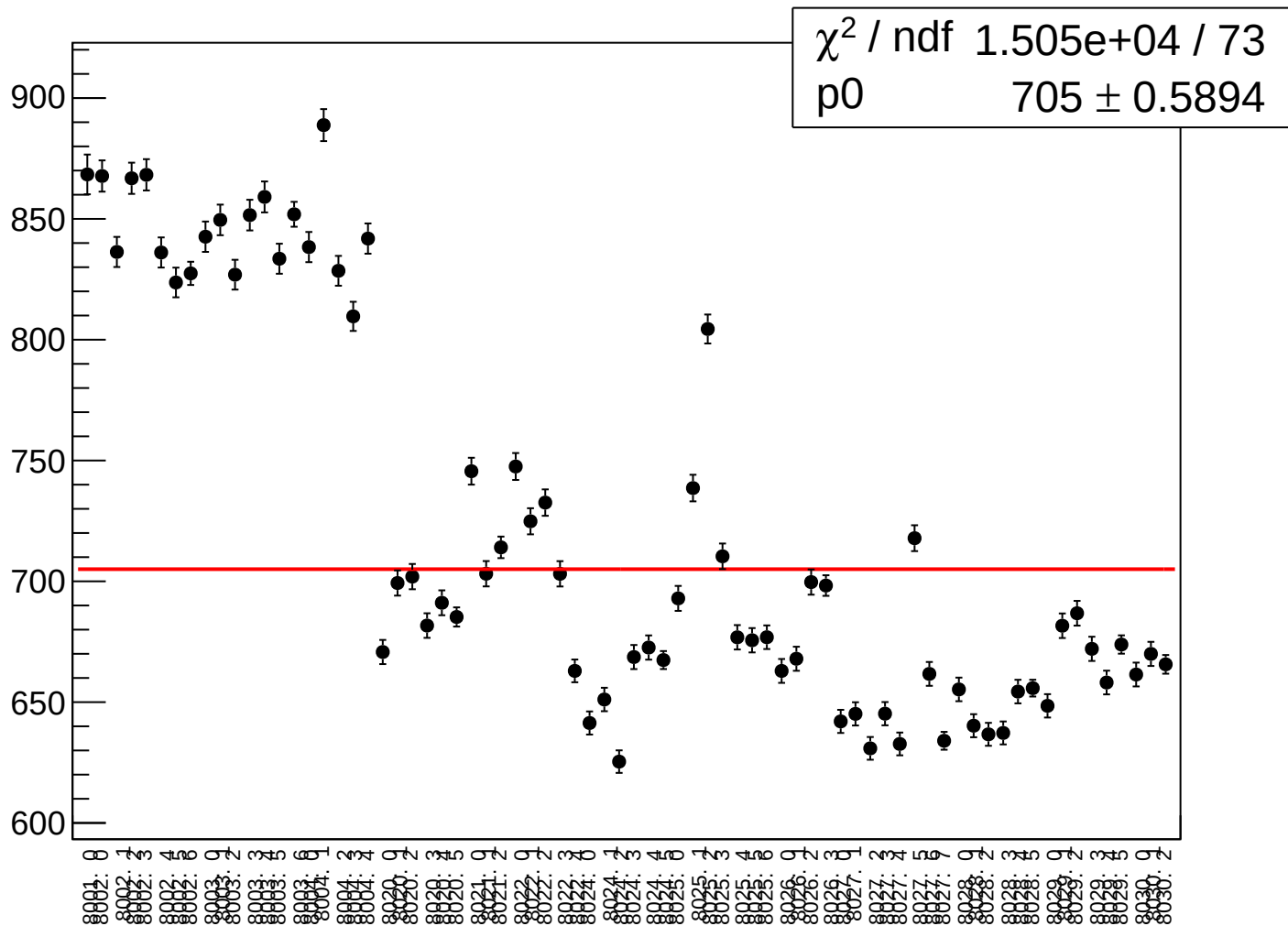
reg\_asym\_sam\_1357\_avg\_rms vs run



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

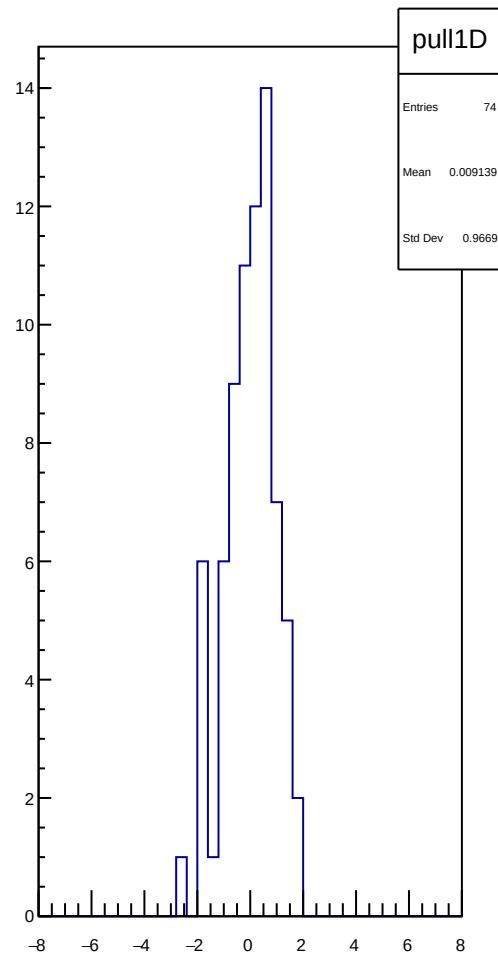
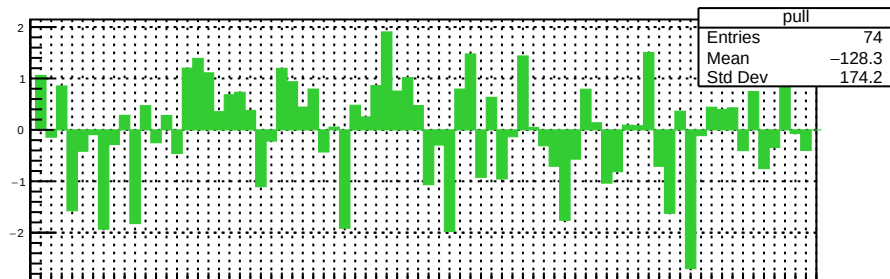
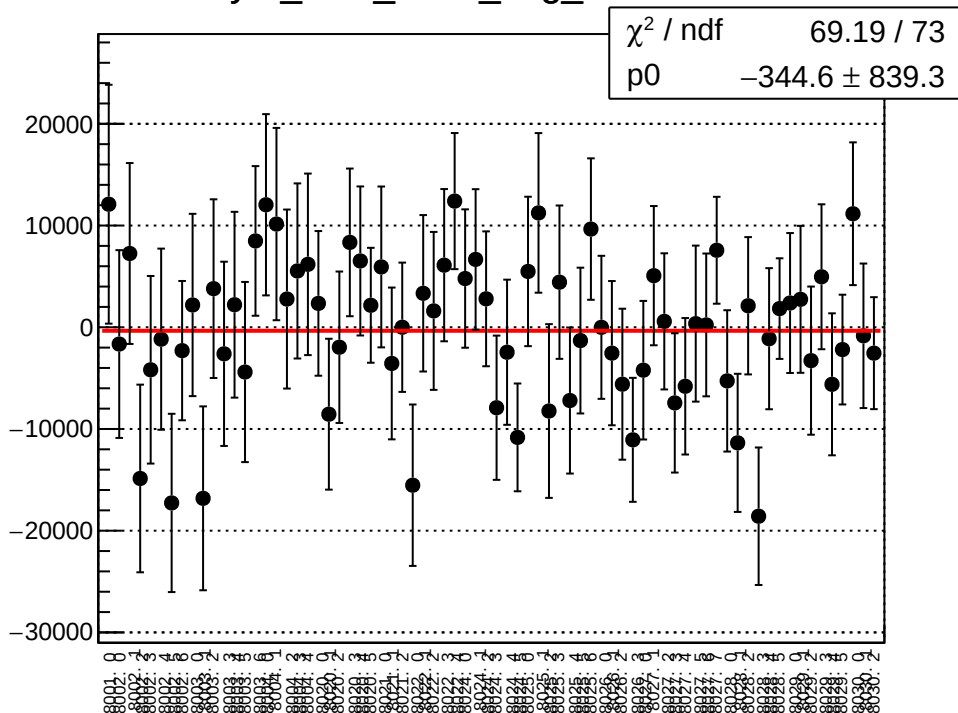


asym\_sam\_1357\_avg\_correction\_rms vs run

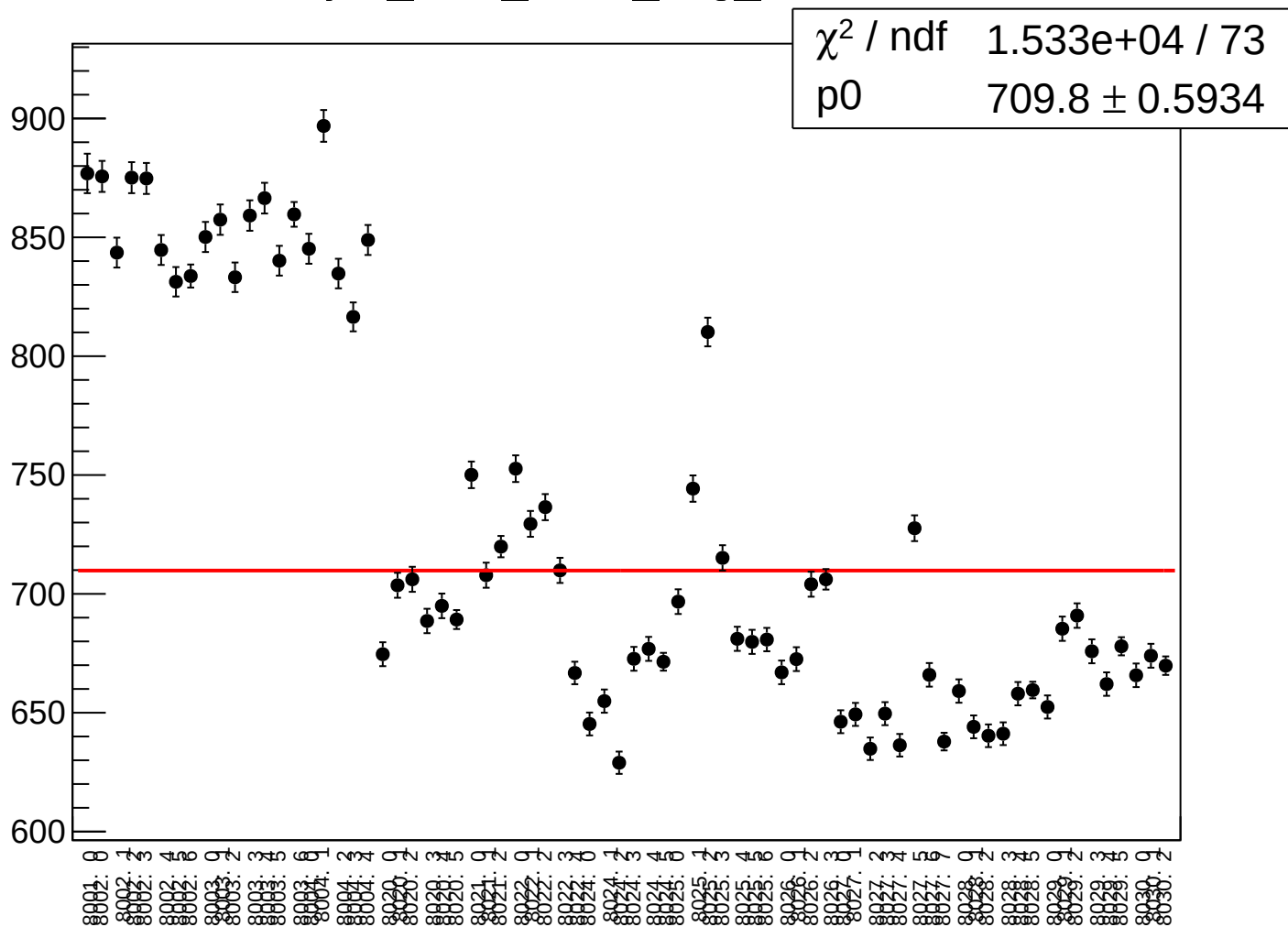




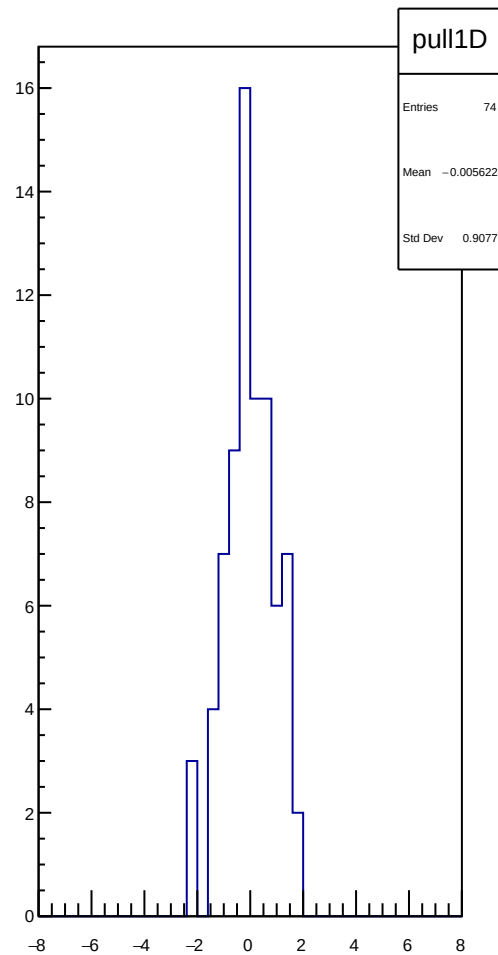
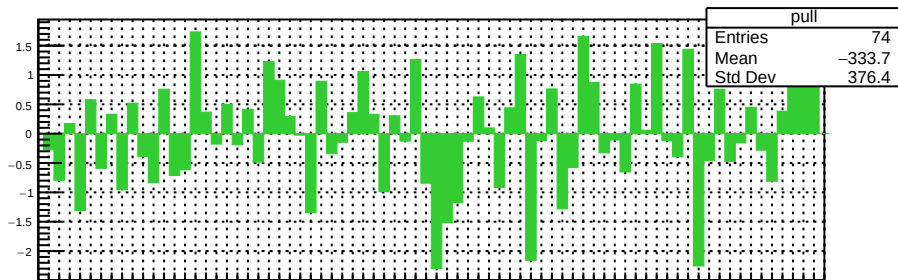
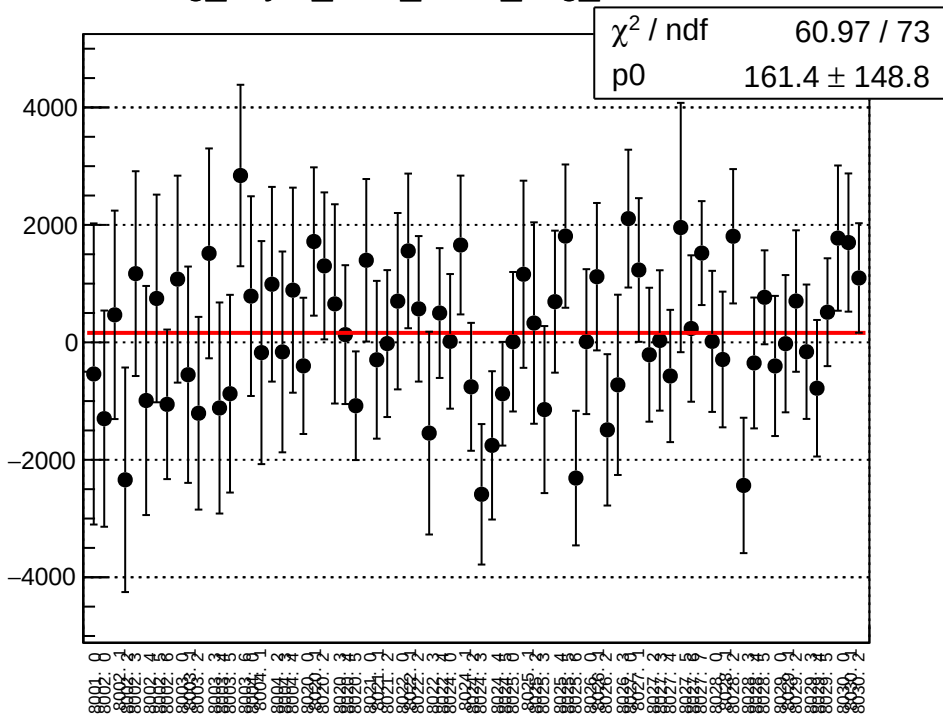
# asym\_sam\_1357\_avg\_mean vs run



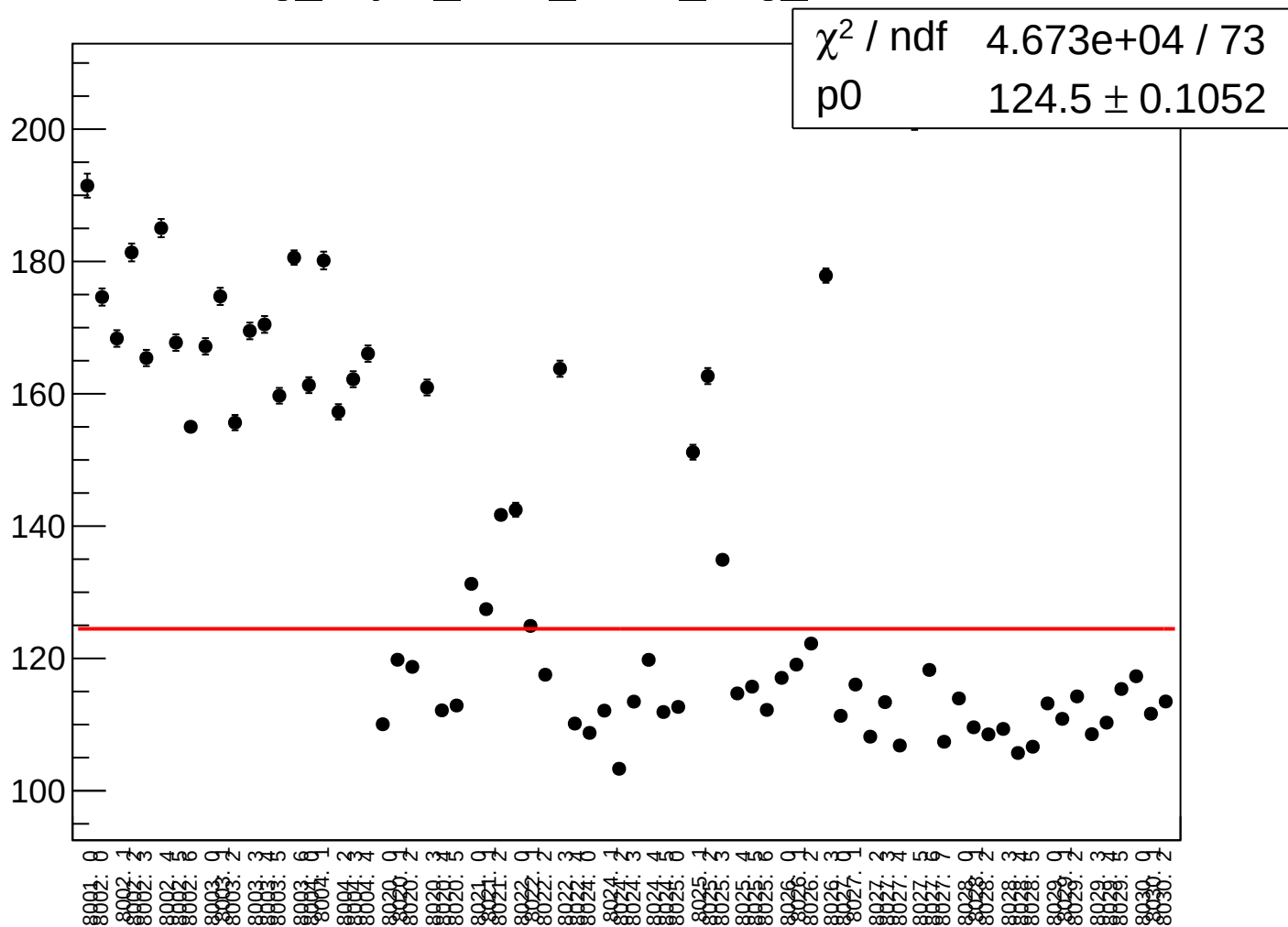
asym\_sam\_1357\_avg\_rms vs run



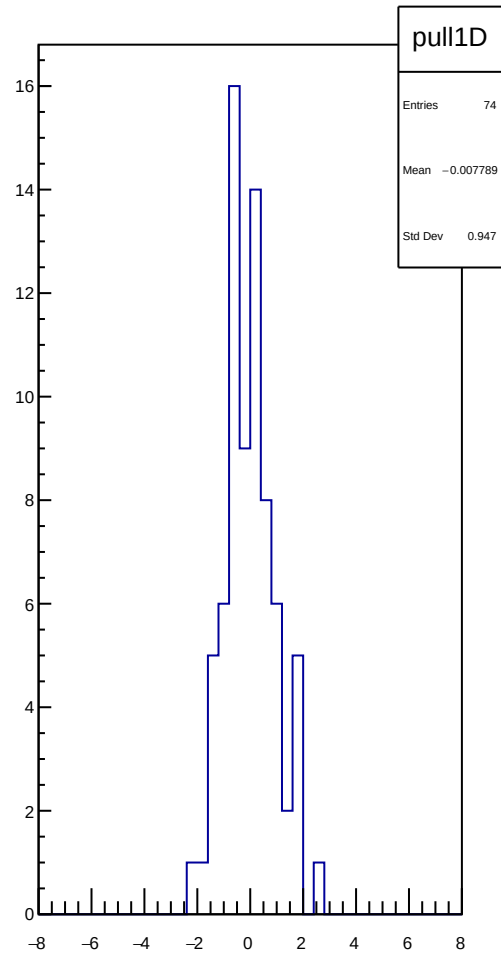
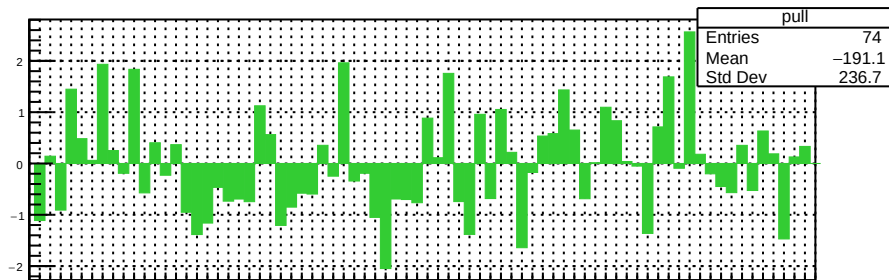
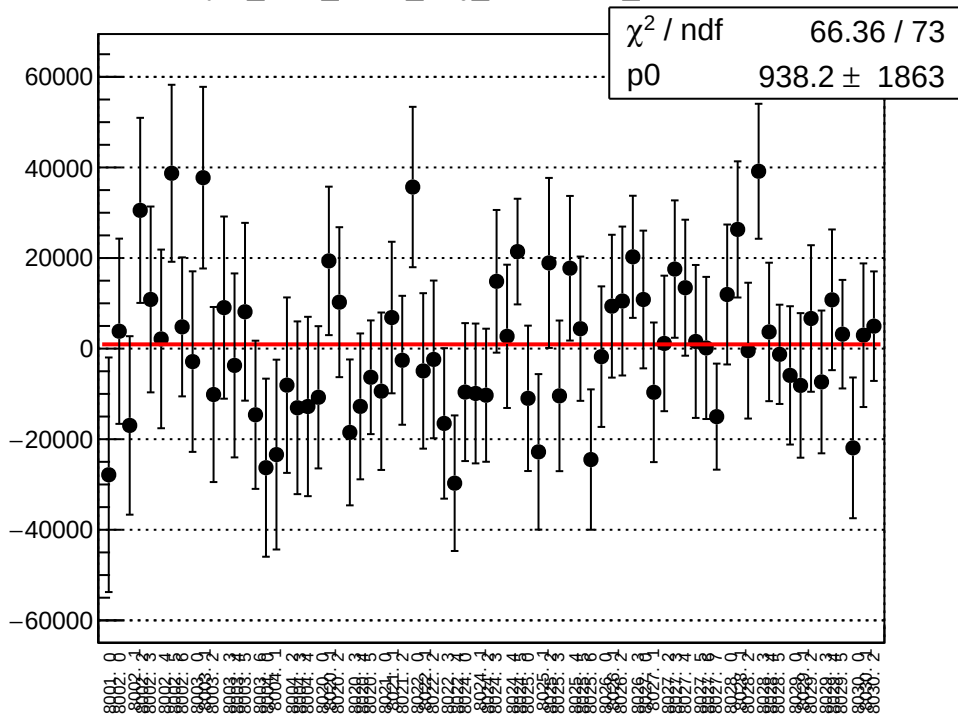
reg\_asym\_sam\_2468\_avg\_mean vs run



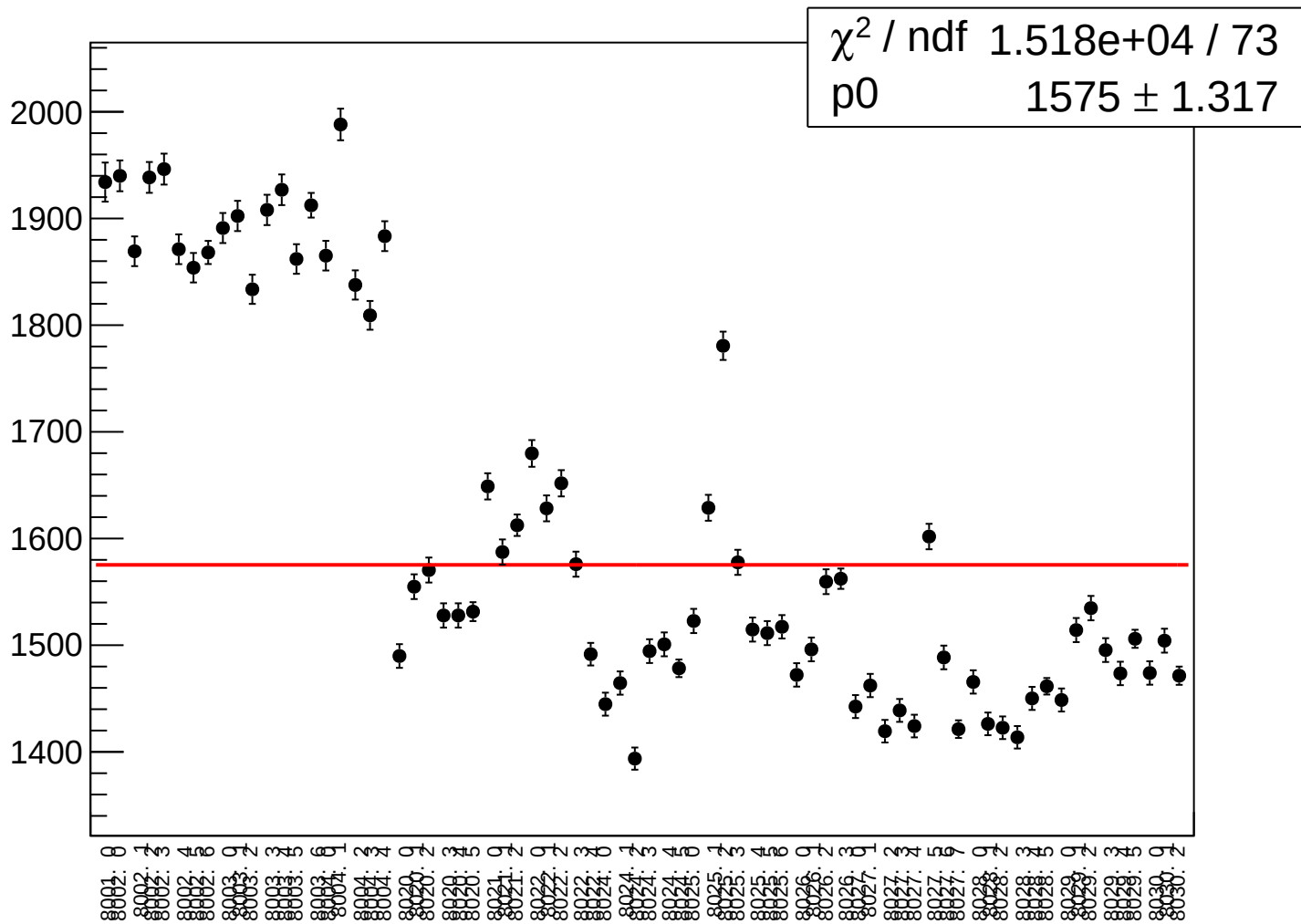
reg\_asym\_sam\_2468\_avg\_rms vs run



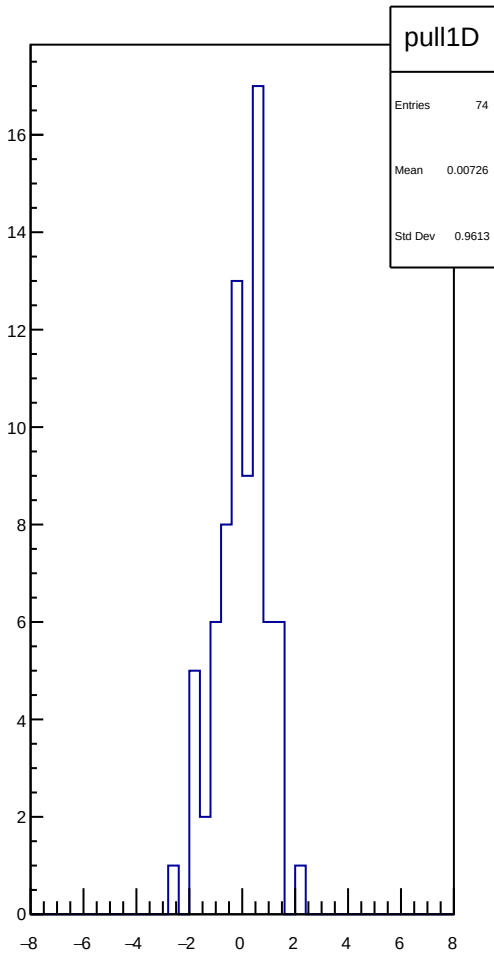
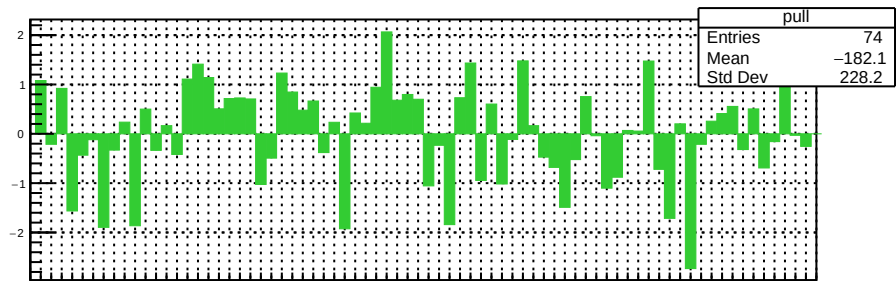
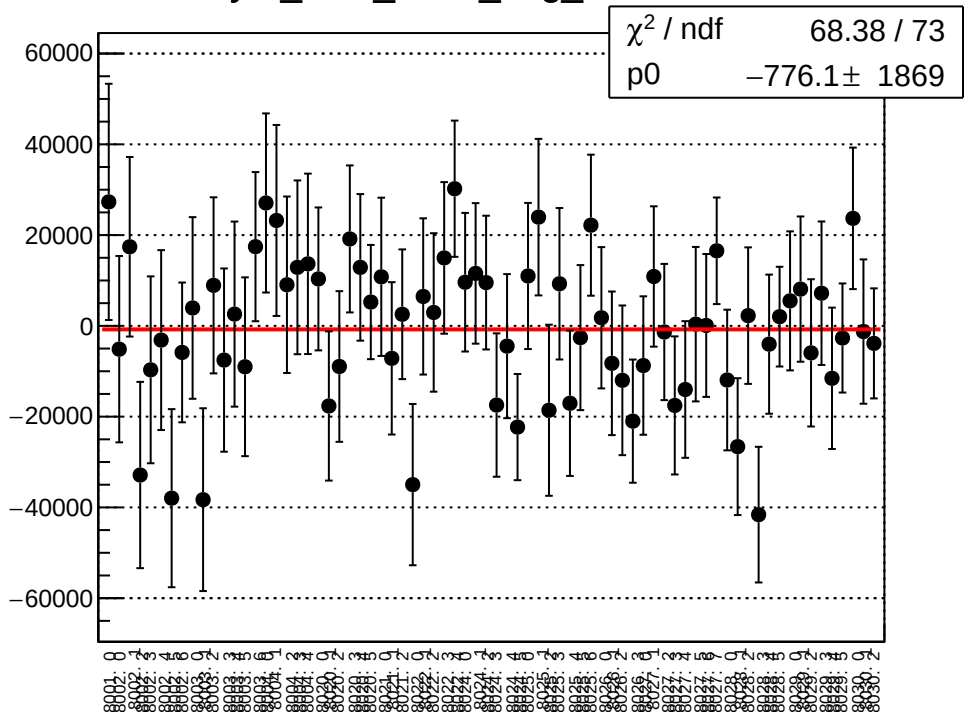
asym\_sam\_2468\_avg\_correction\_mean vs run



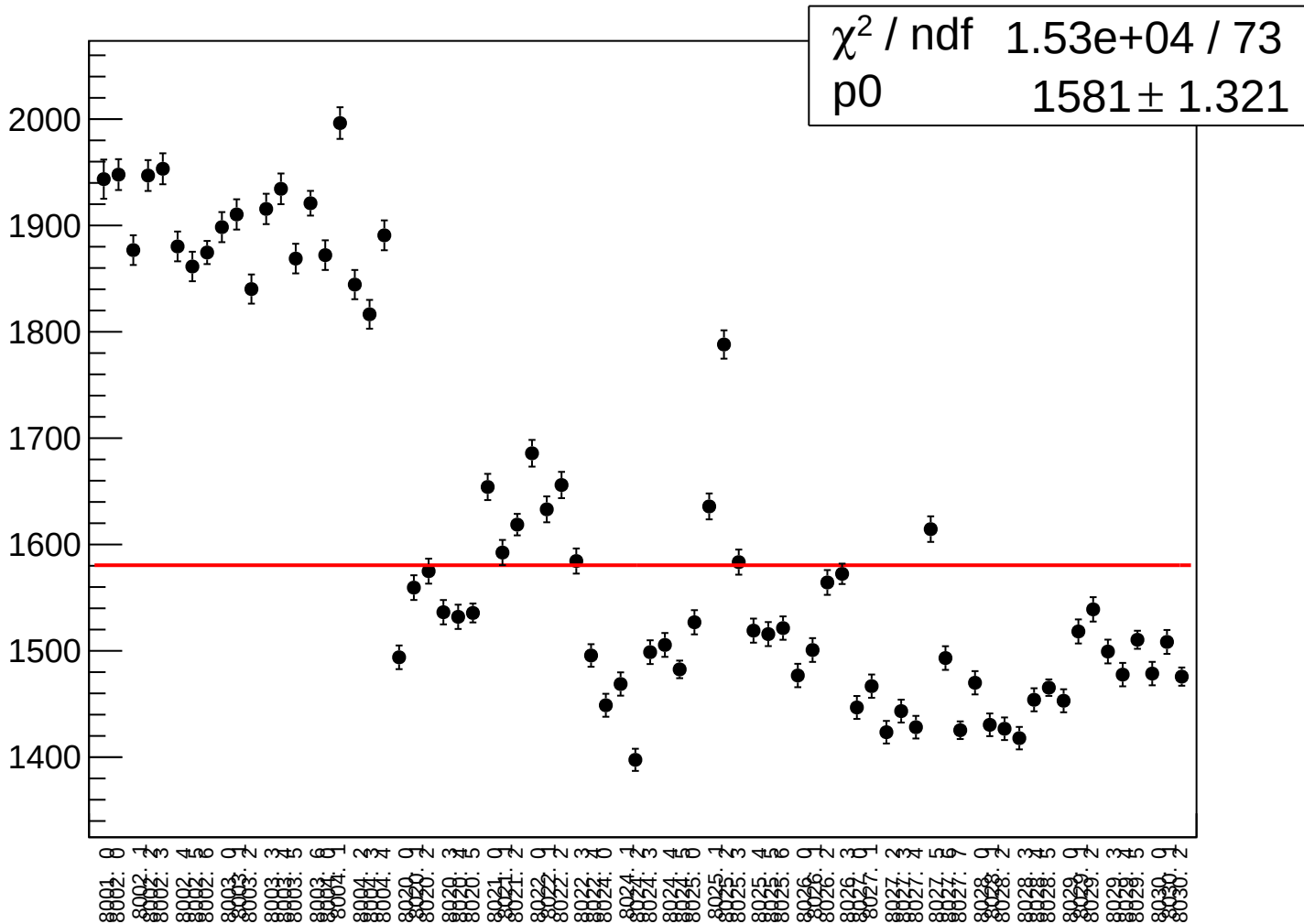
asym\_sam\_2468\_avg\_correction\_rms vs run



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

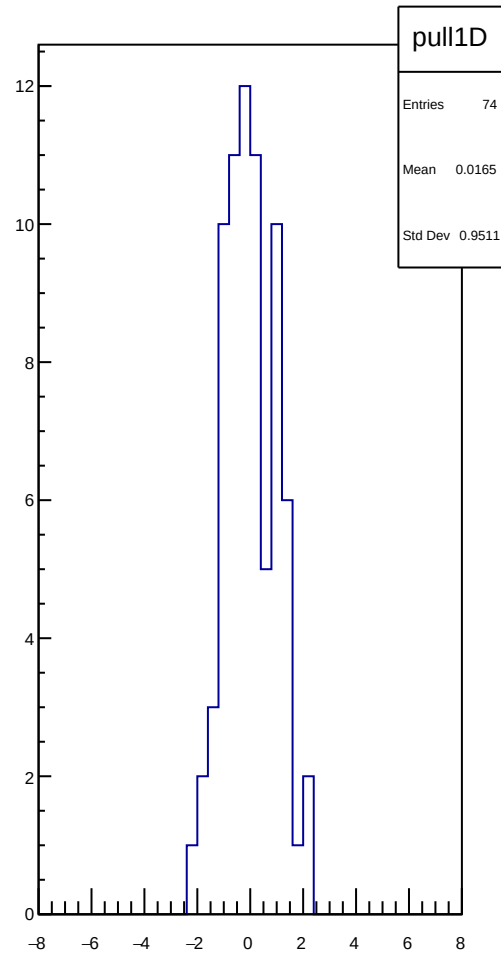
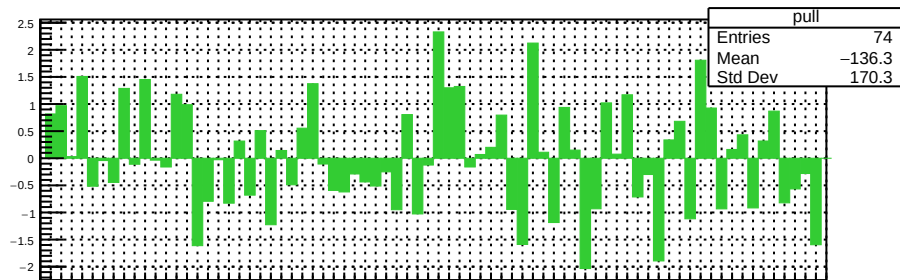
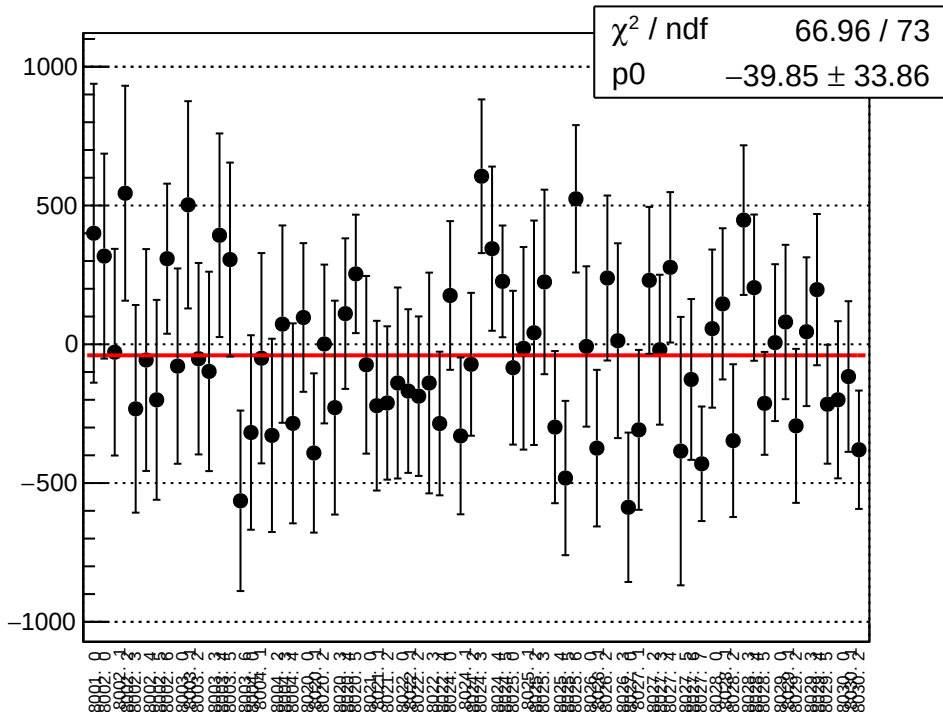


asym\_sam\_2468\_avg\_rms vs run



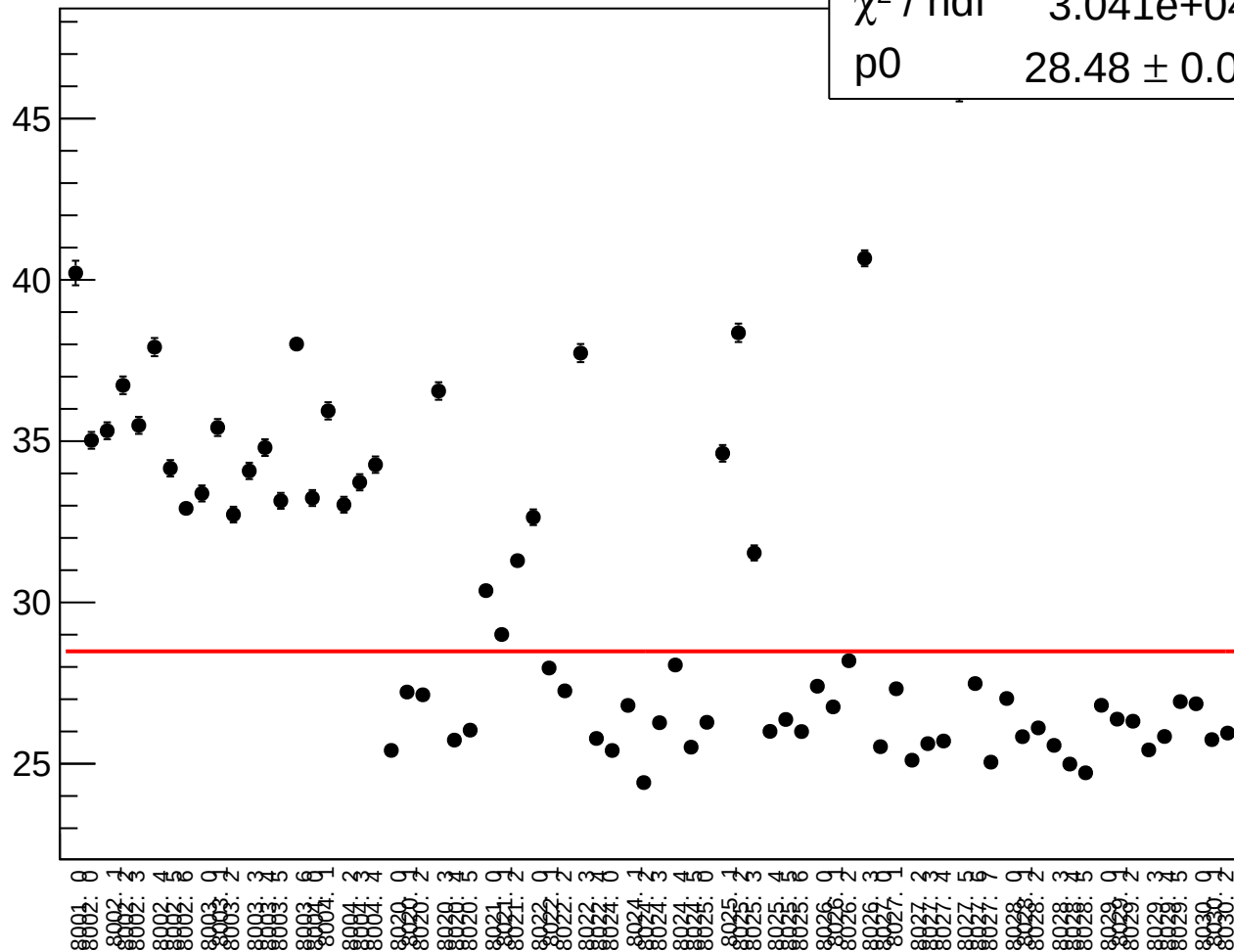


reg\_asym\_sam\_1357\_2468\_dd\_mean vs run

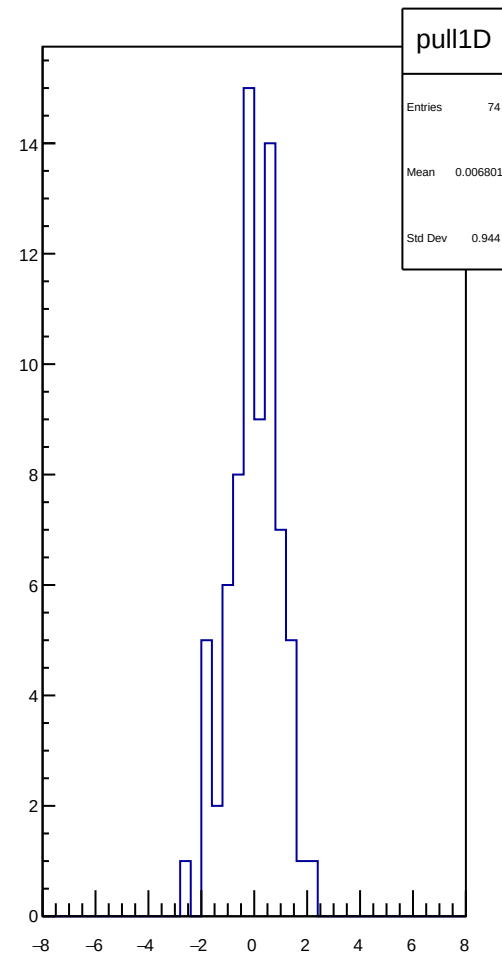
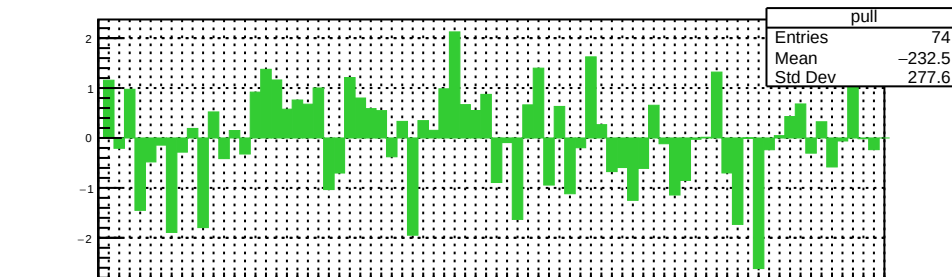
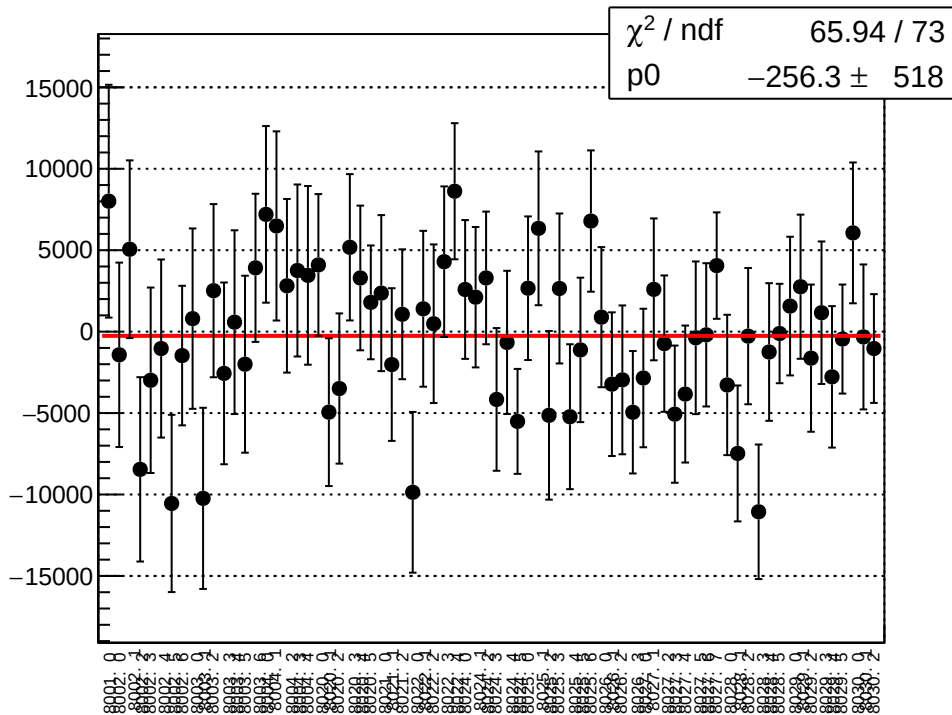


reg\_asym\_sam\_1357\_2468\_dd\_rms vs run

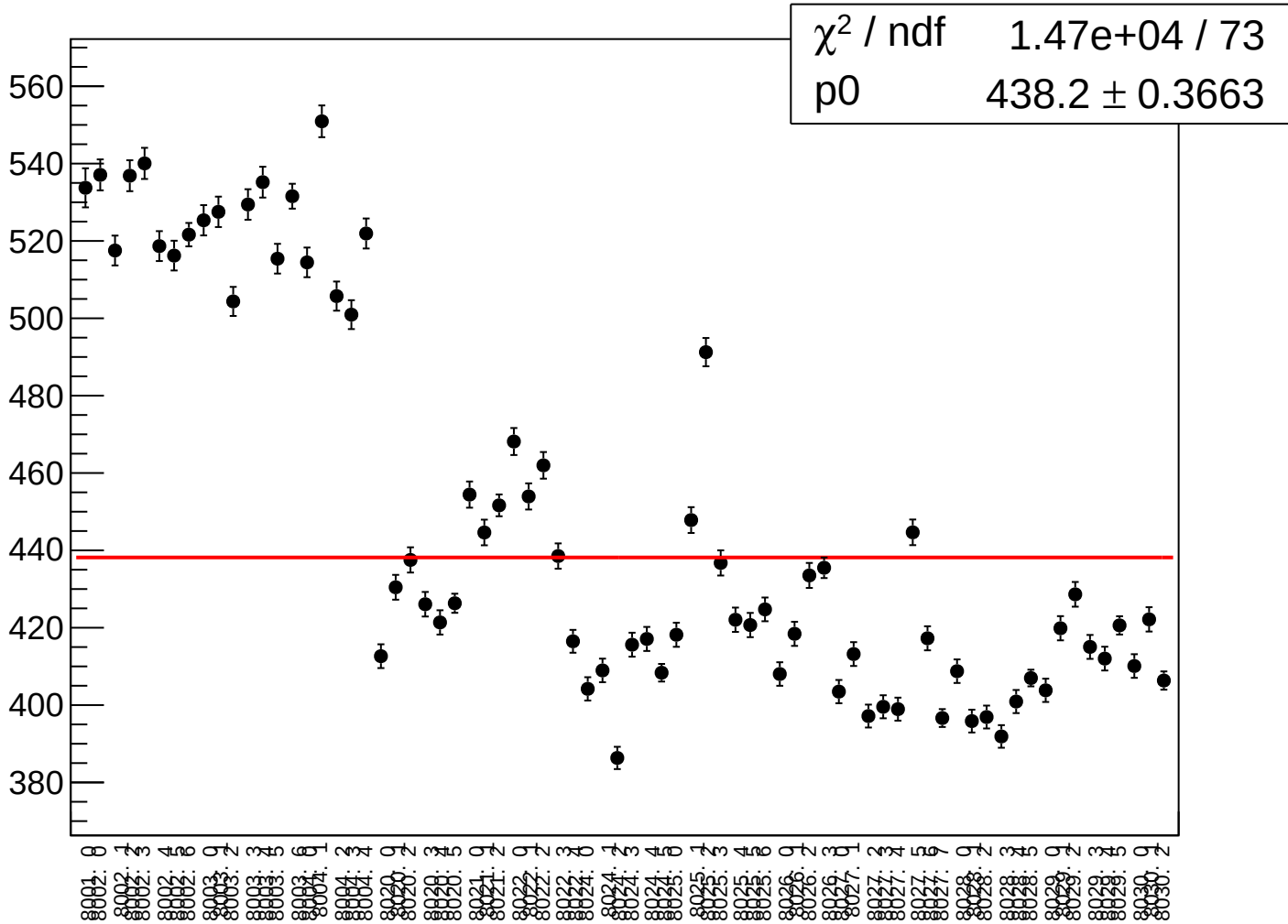
$\chi^2 / \text{ndf}$  3.041e+04 / 73  
p0  $28.48 \pm 0.02394$



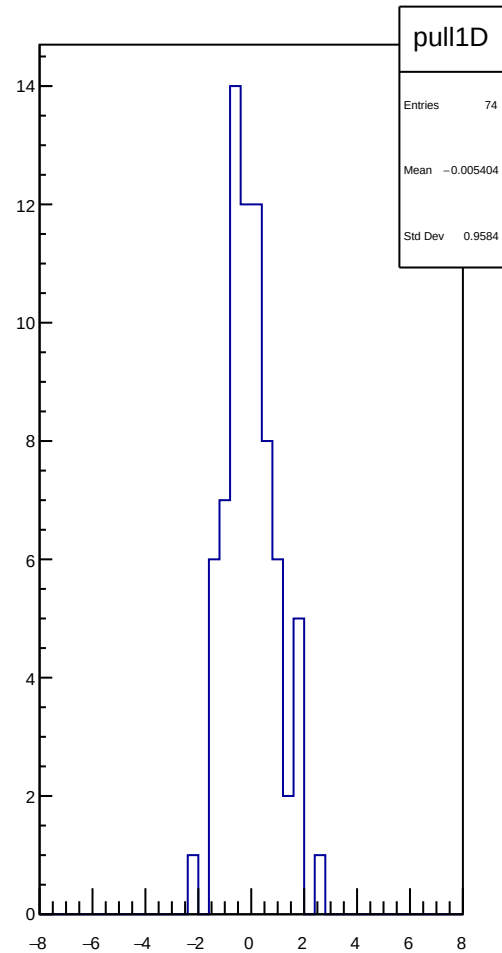
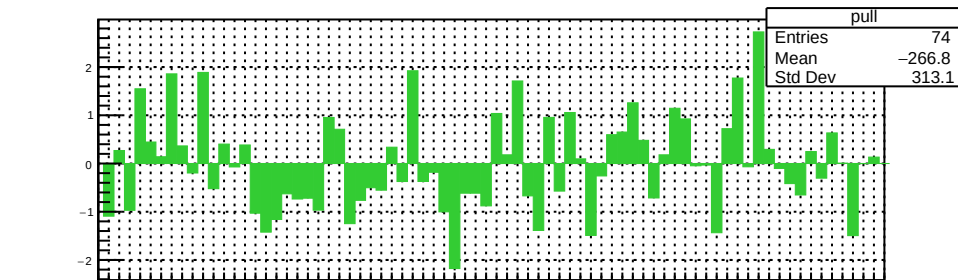
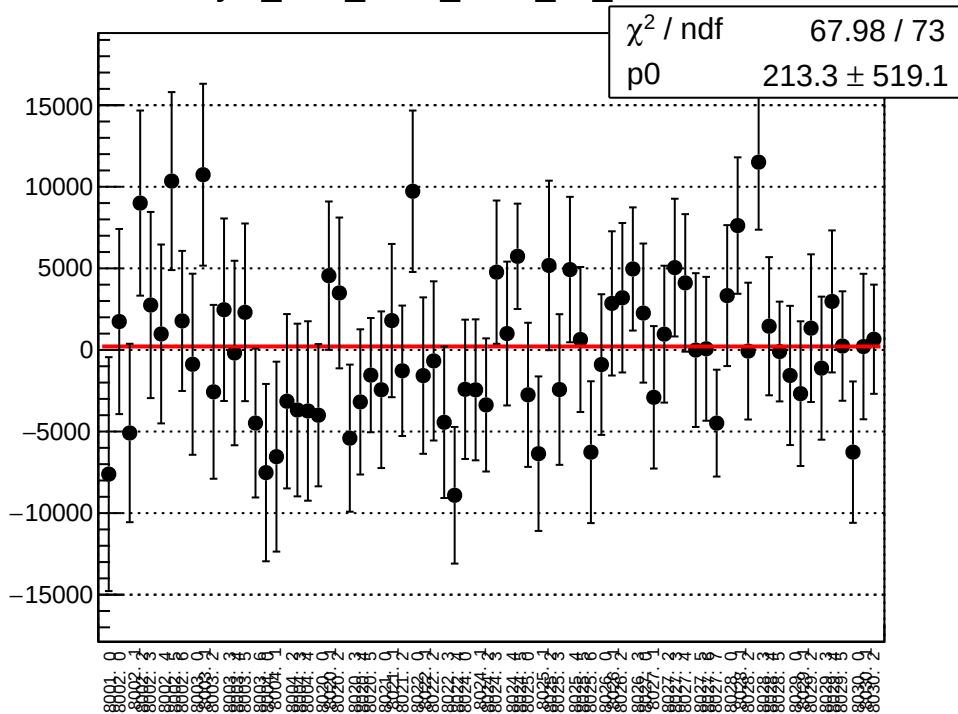
asym\_sam\_1357\_2468\_dd\_correction\_mean vs run



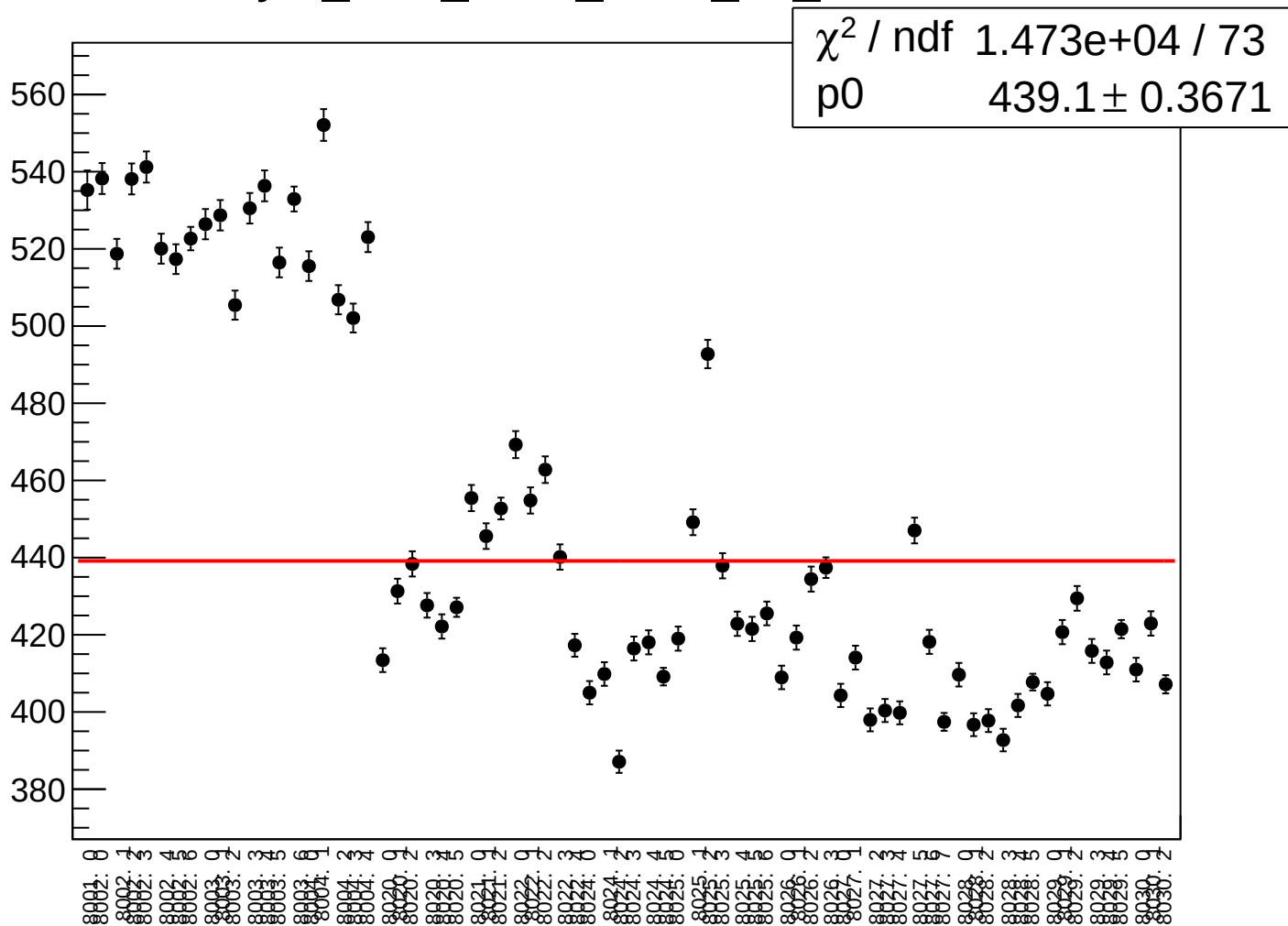
asym\_sam\_1357\_2468\_dd\_correction\_rms vs run



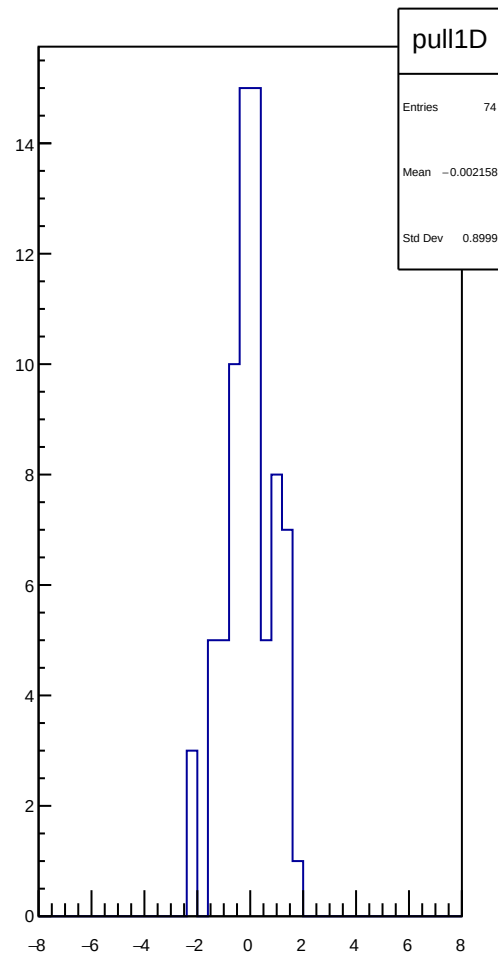
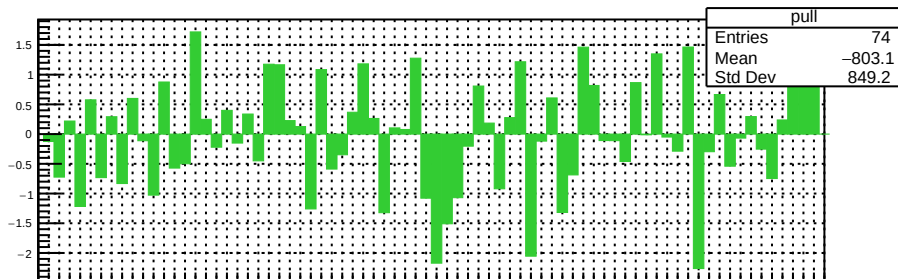
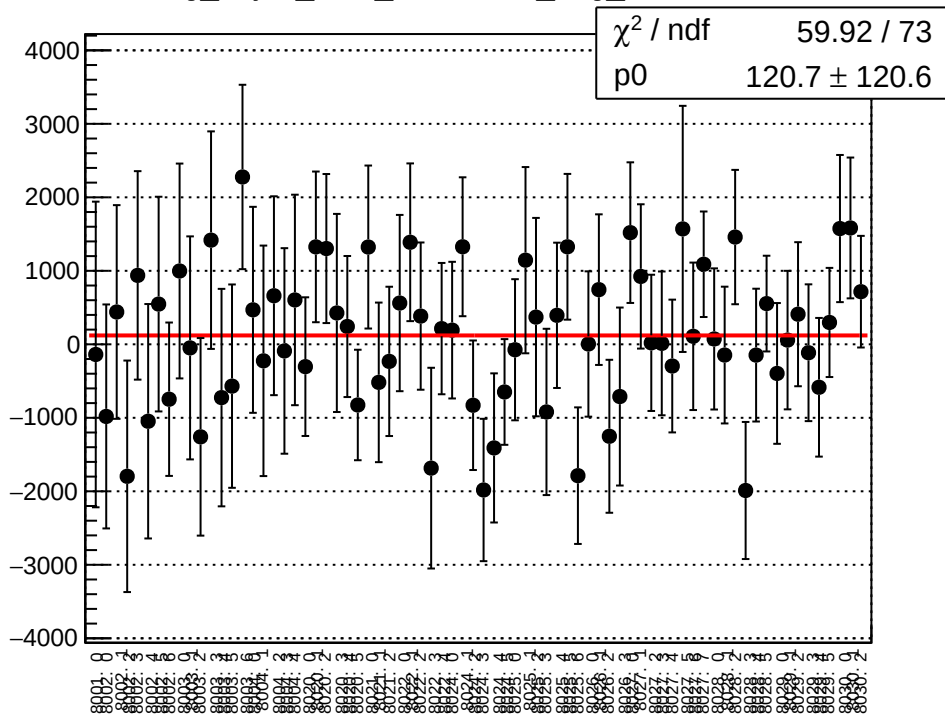
asym\_sam\_1357\_2468\_dd\_mean vs run



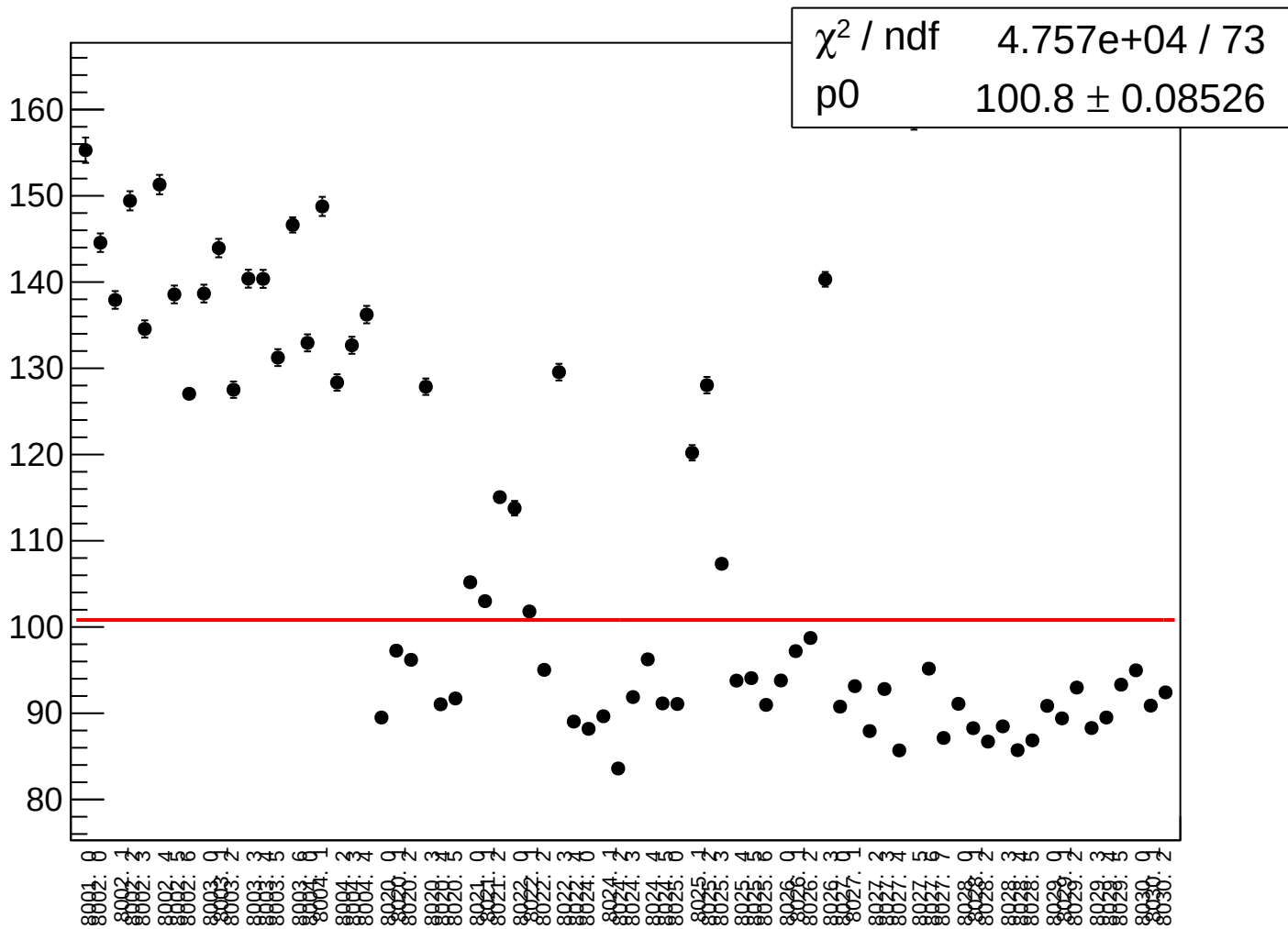
asym\_sam\_1357\_2468\_dd\_rms vs run



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

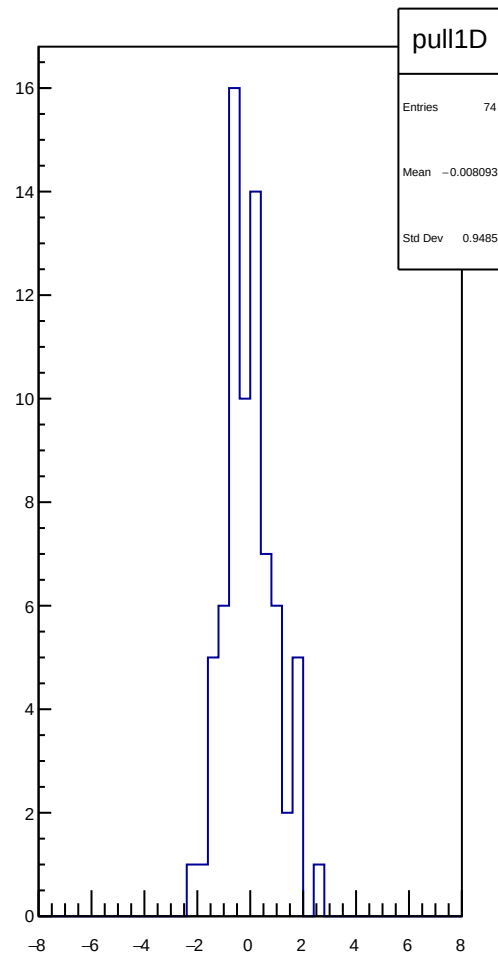
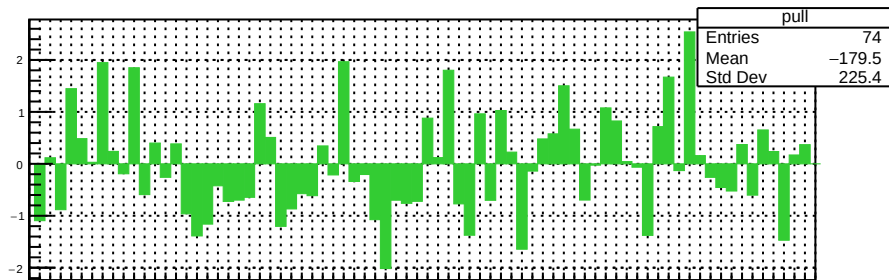
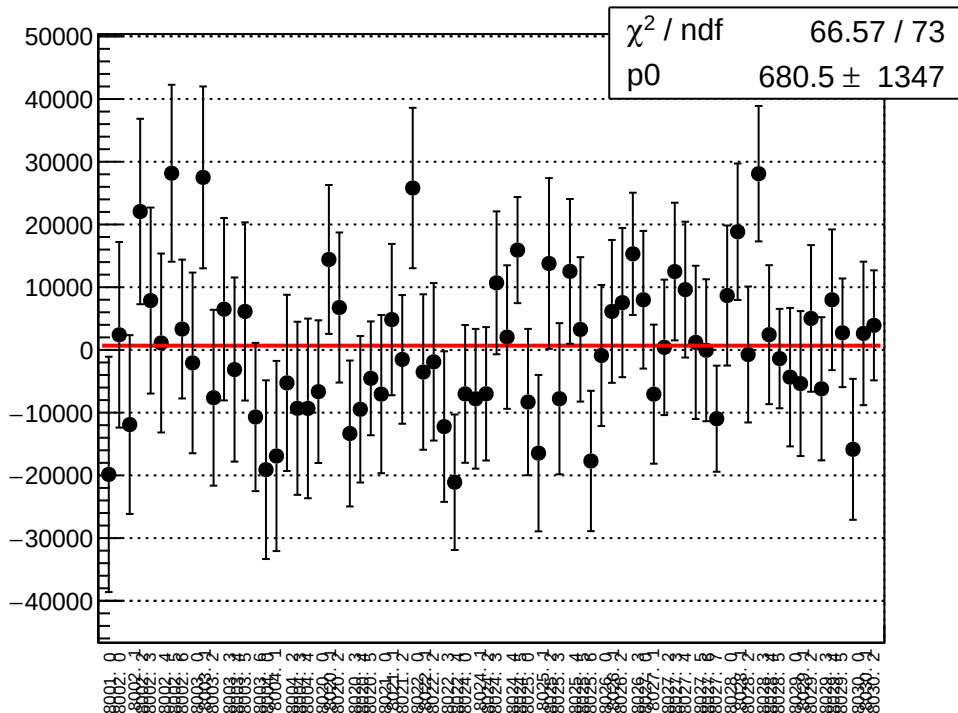


reg\_asym\_sam\_12345678\_avg\_rms vs run

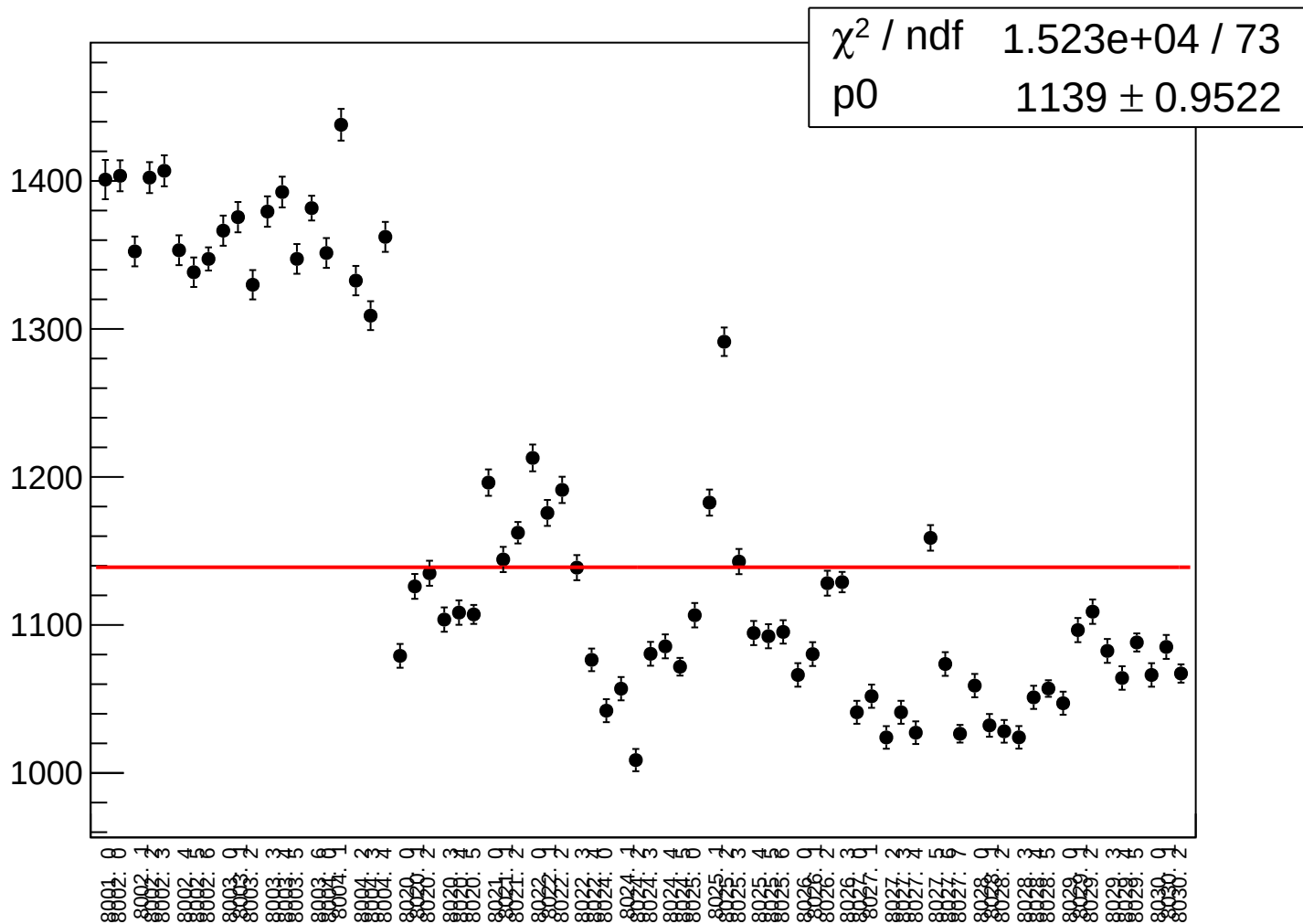




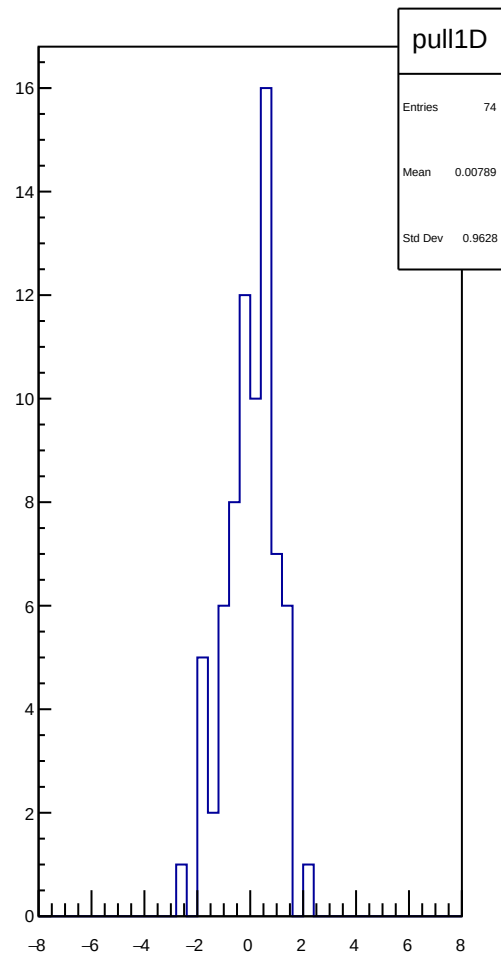
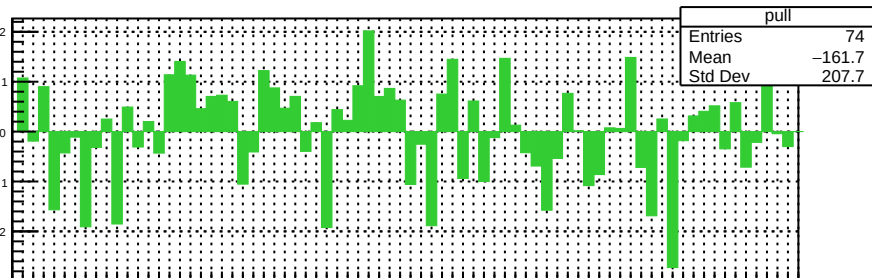
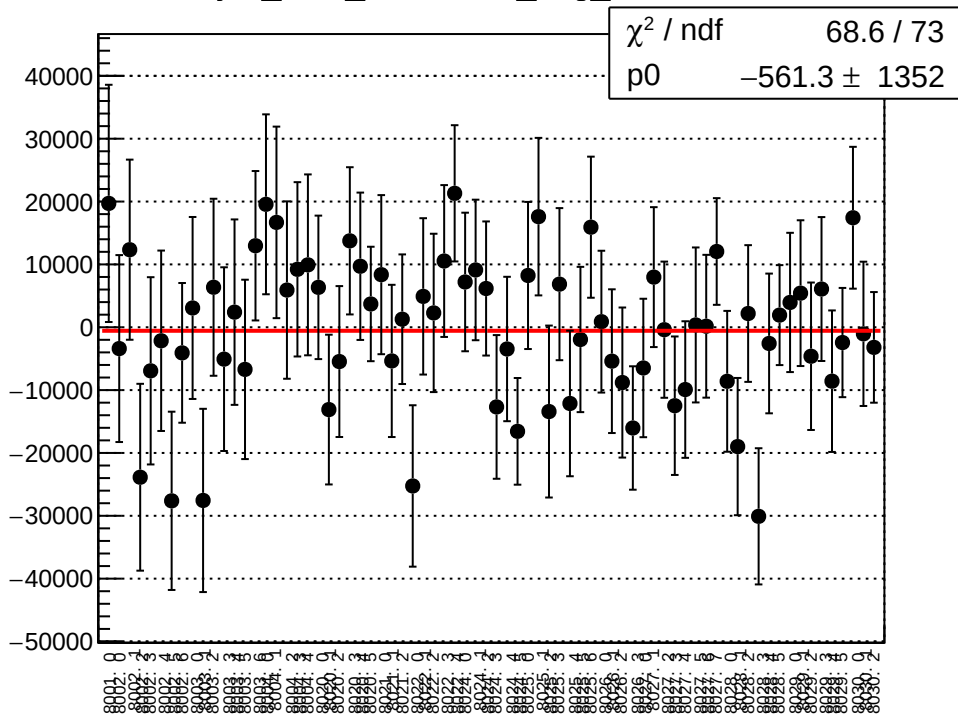
asym\_sam\_12345678\_avg\_correction\_mean vs run



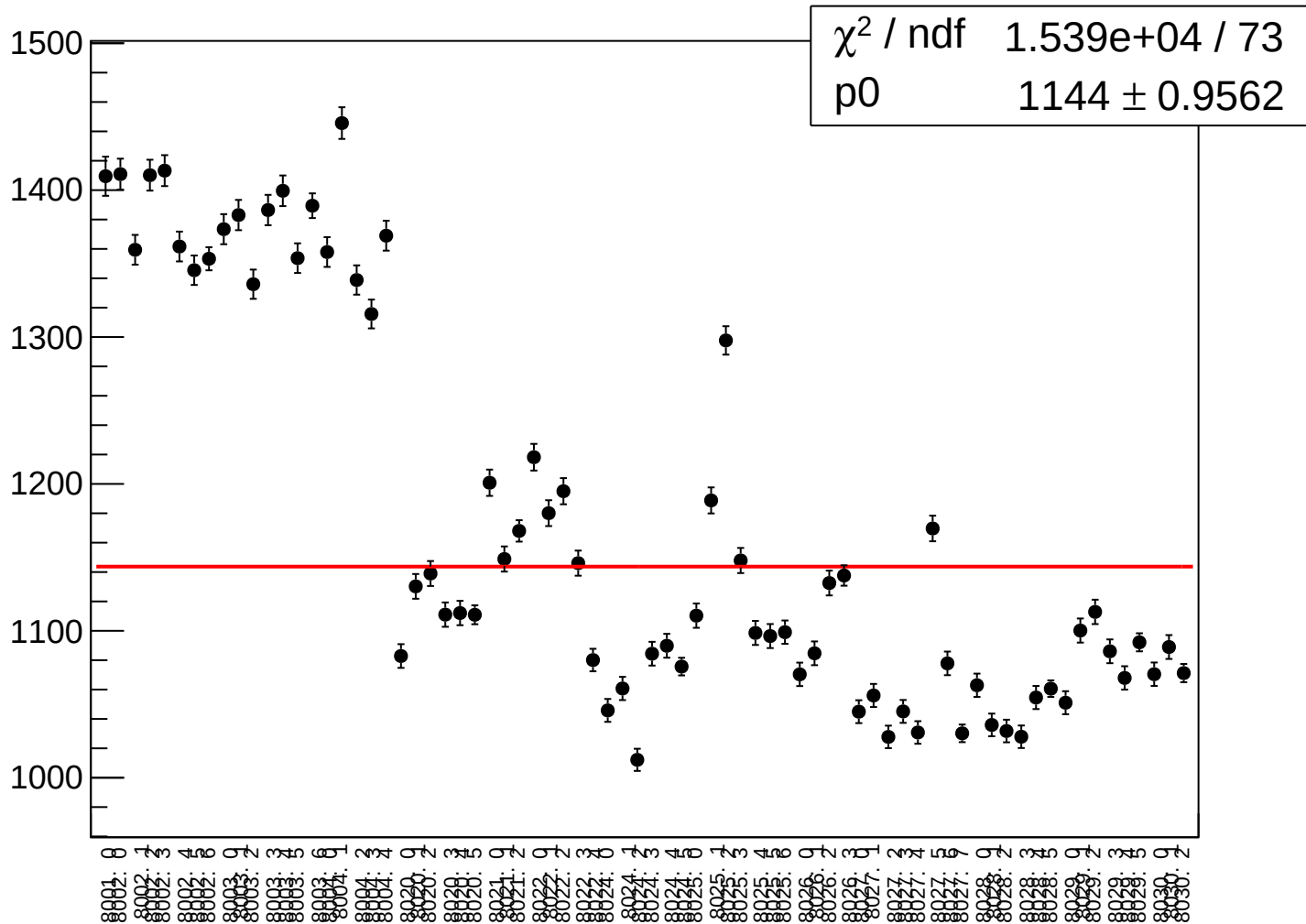
asym\_sam\_12345678\_avg\_correction\_rms vs run



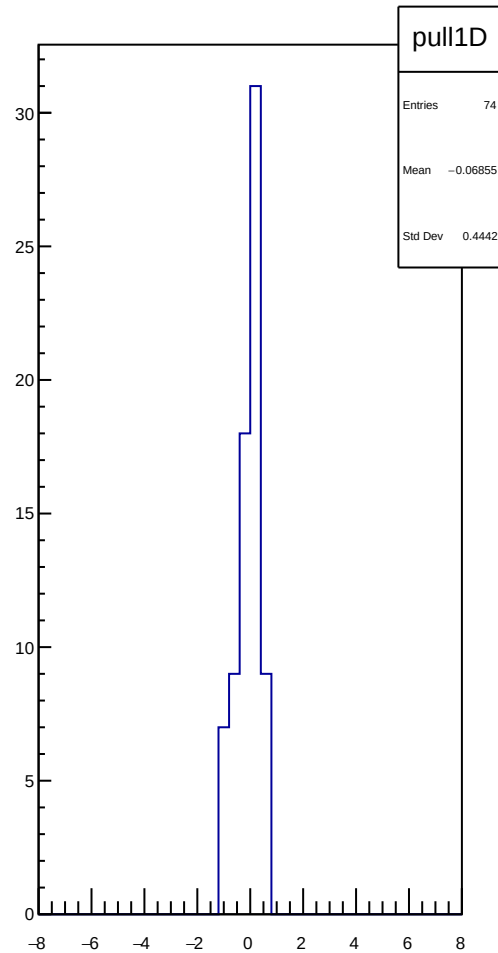
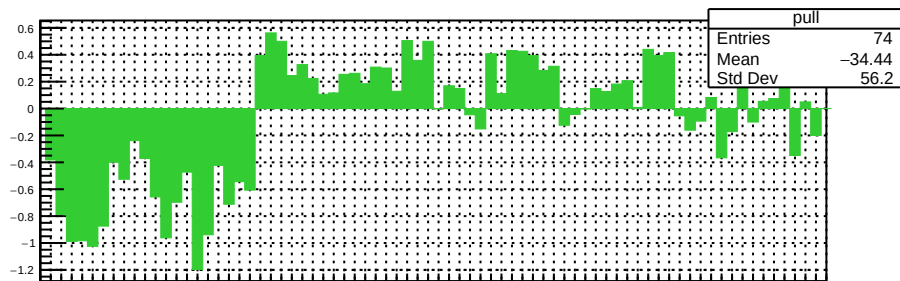
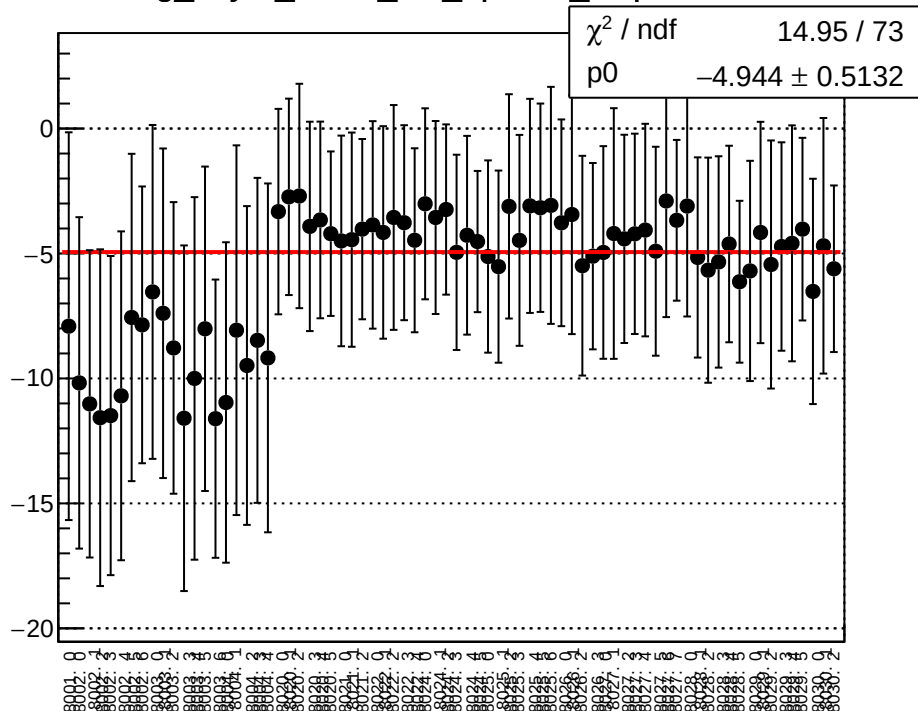
asym\_sam\_12345678\_avg\_mean vs run



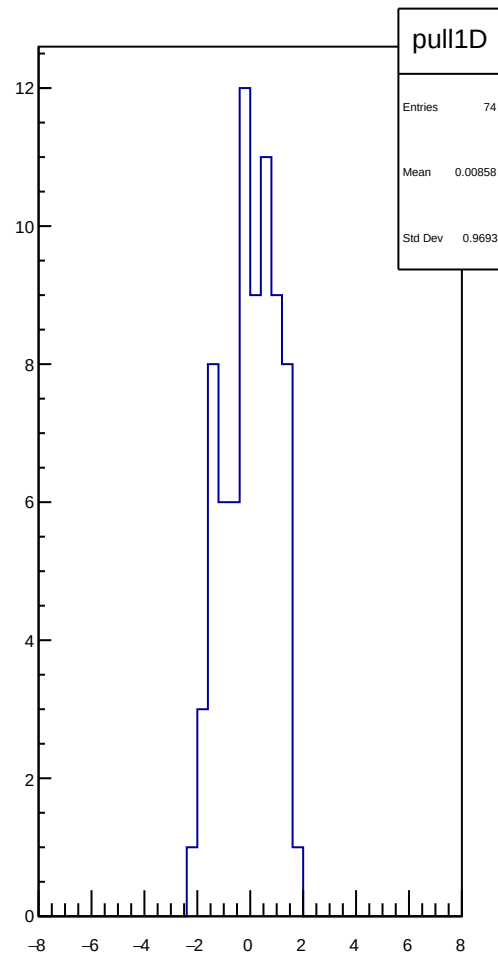
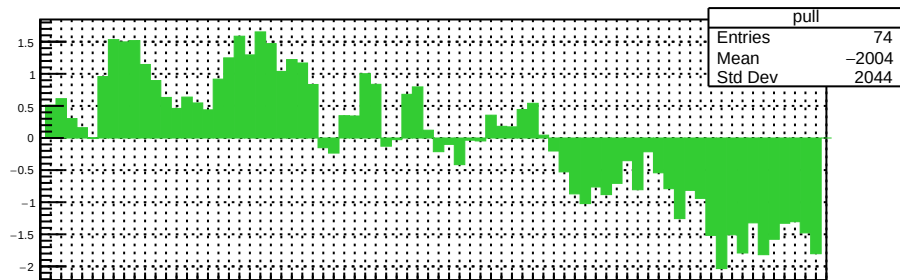
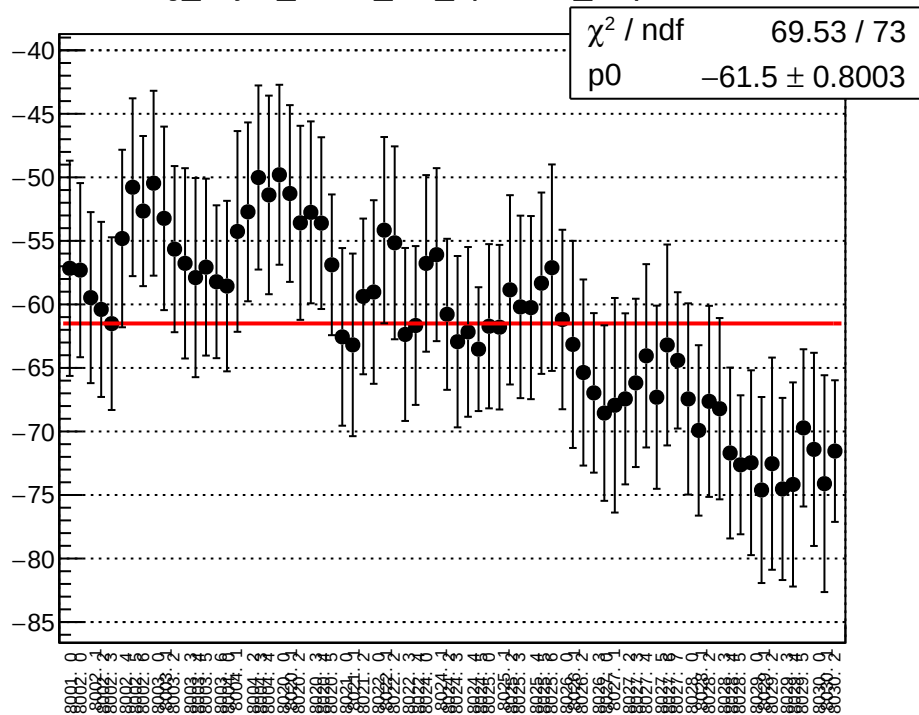
asym\_sam\_12345678\_avg\_rms vs run



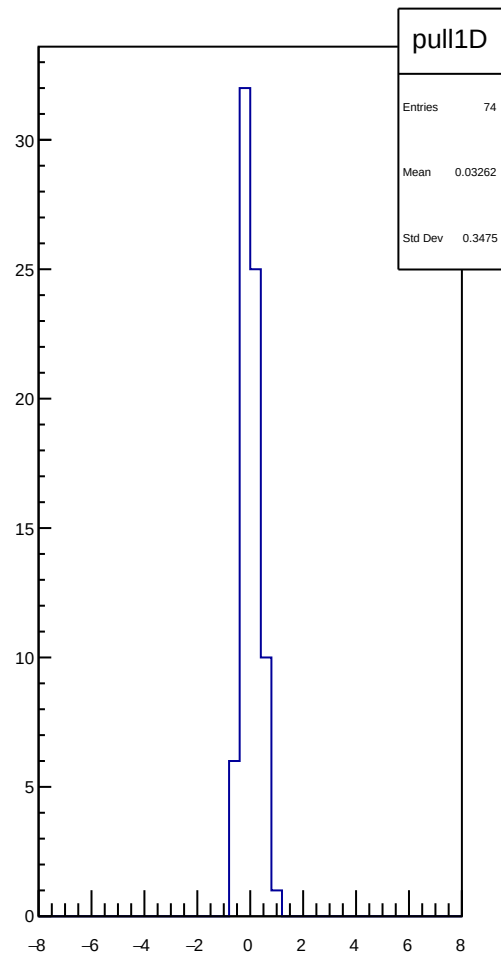
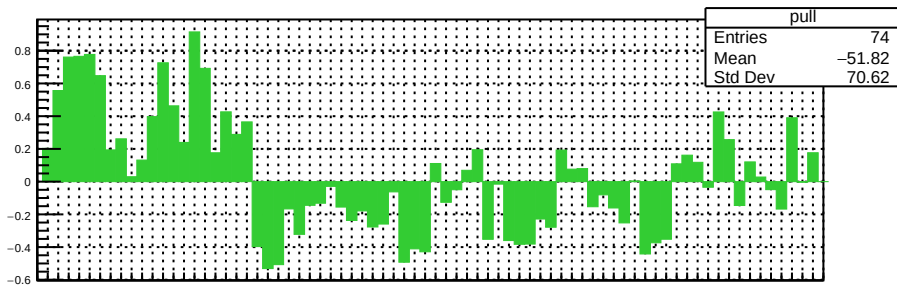
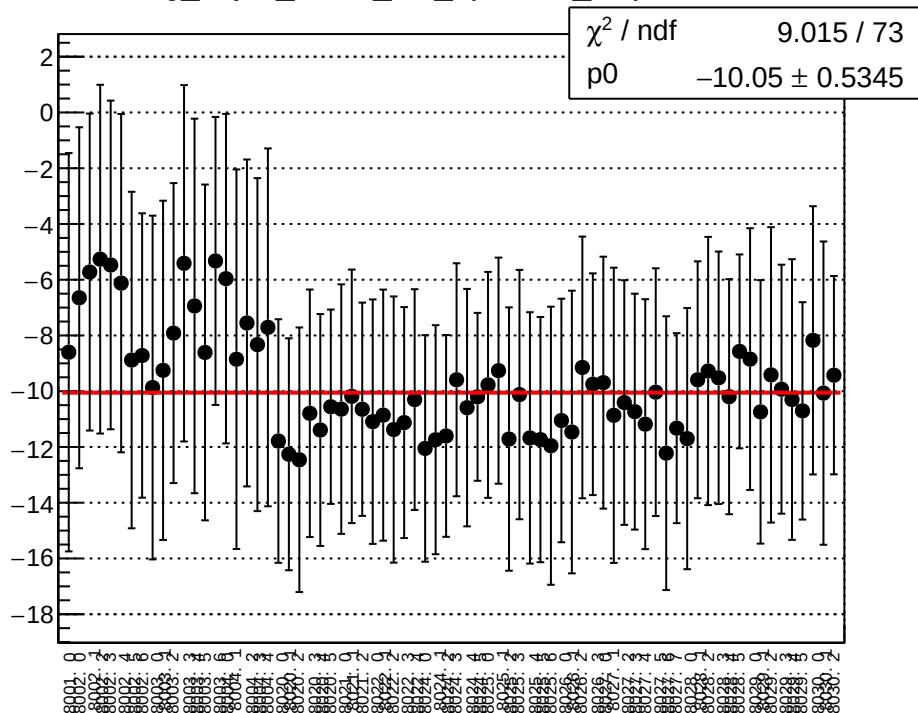
# reg\_asym\_sam1\_diff\_bpm1X\_slope vs run



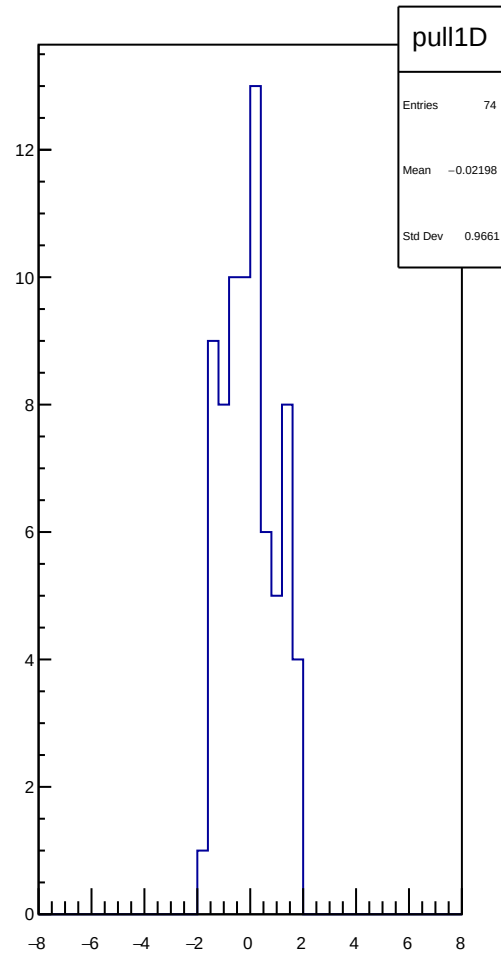
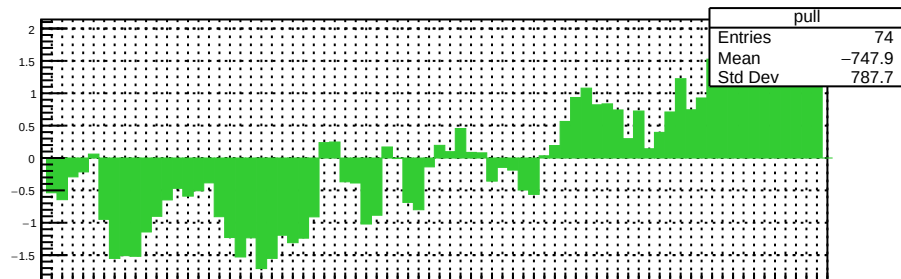
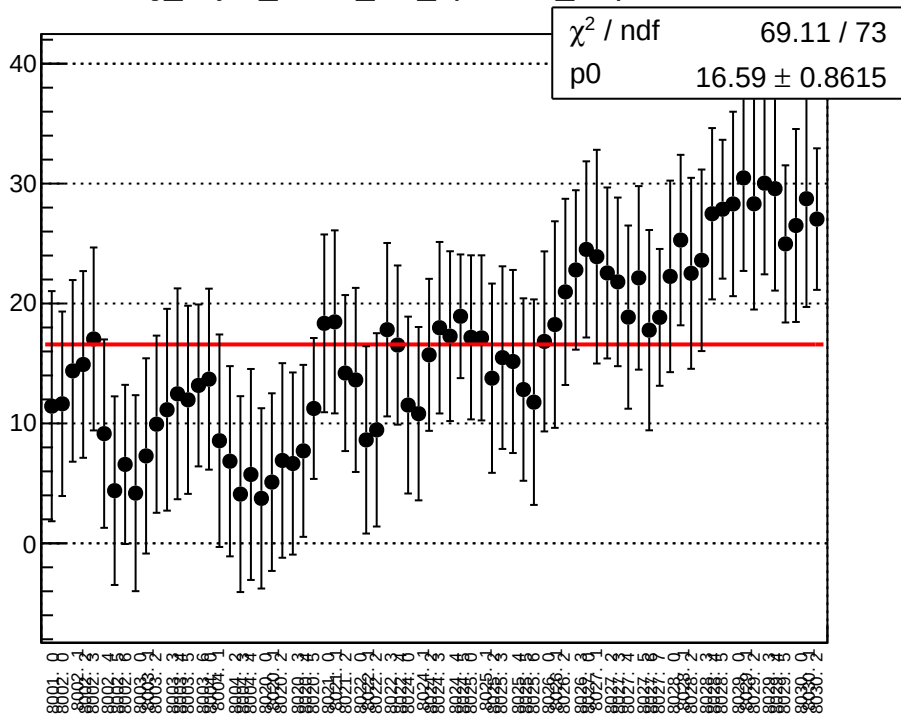
reg\_asym\_sam1\_diff\_bpm4aY\_slope vs run



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

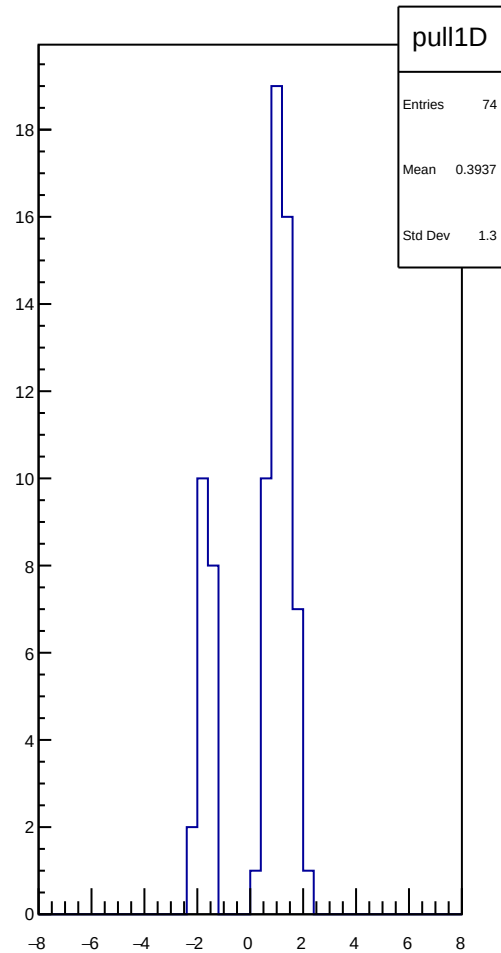
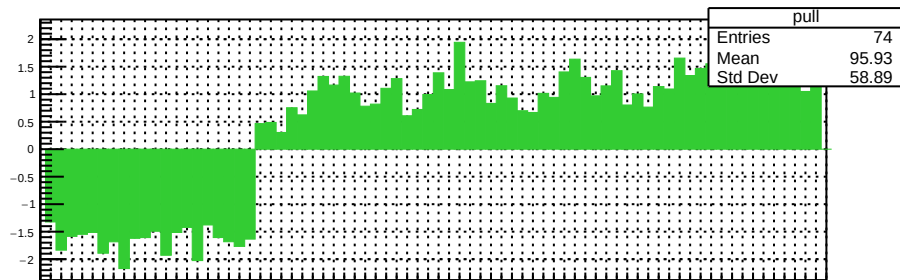
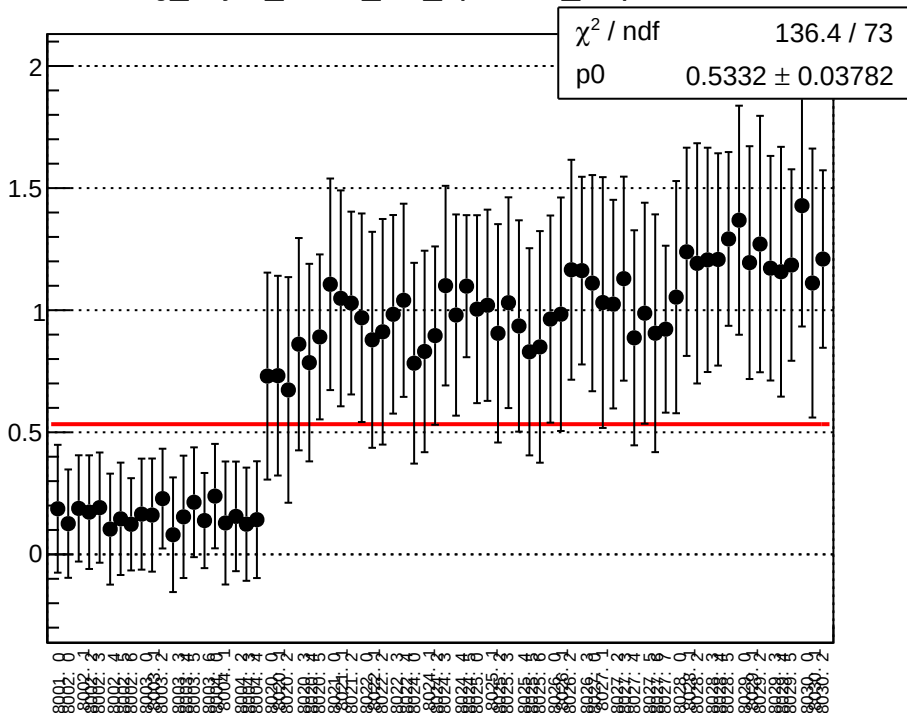


reg\_asym\_sam1\_diff\_bpm4eY\_slope vs run

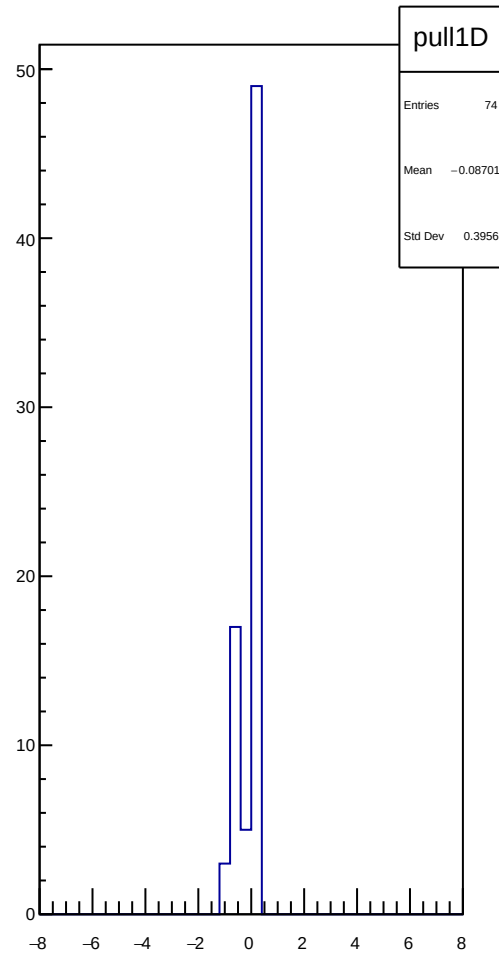
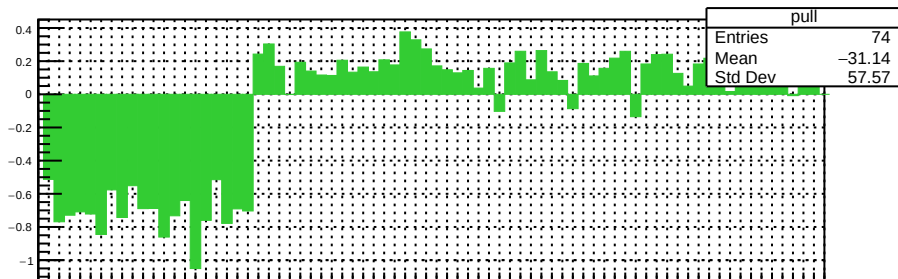
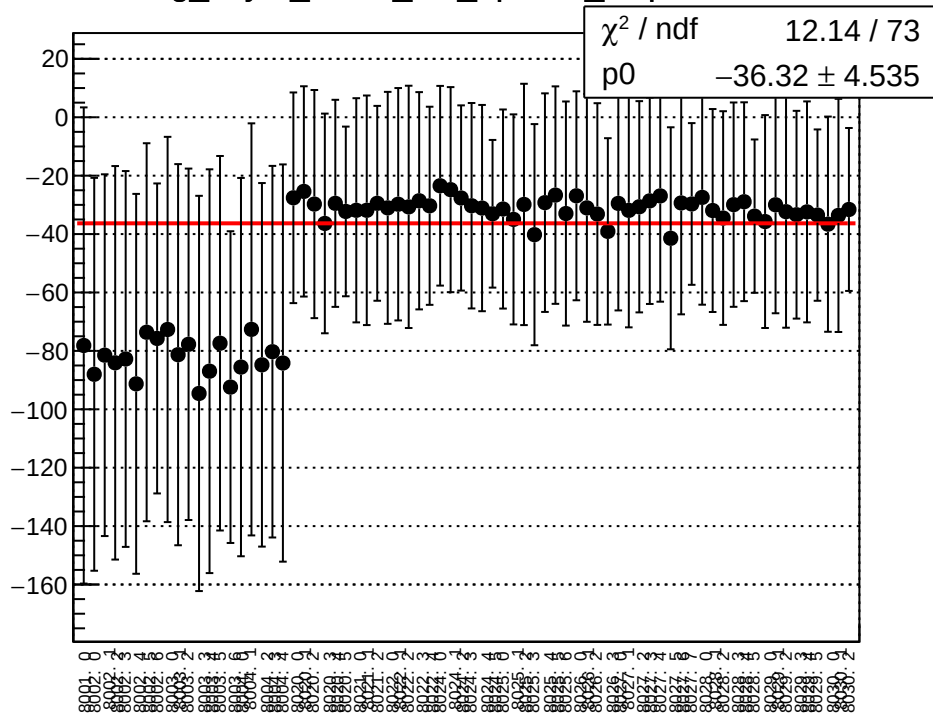




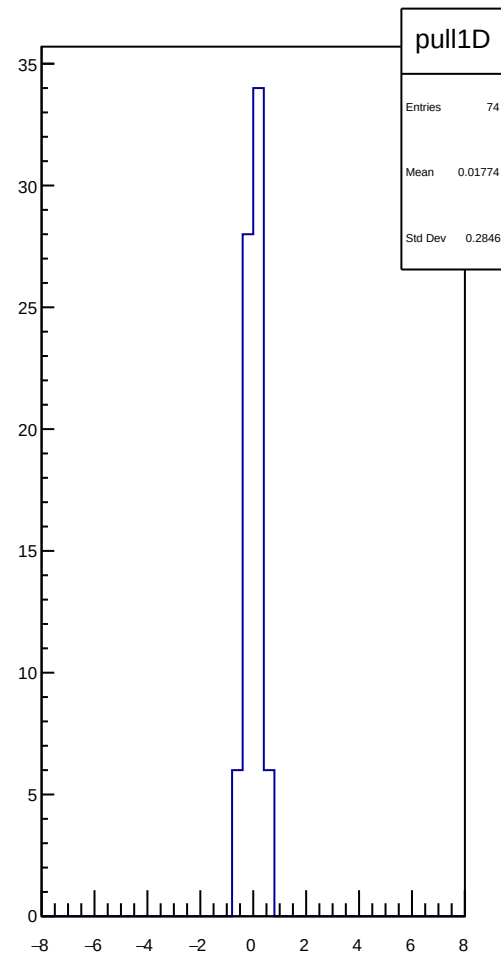
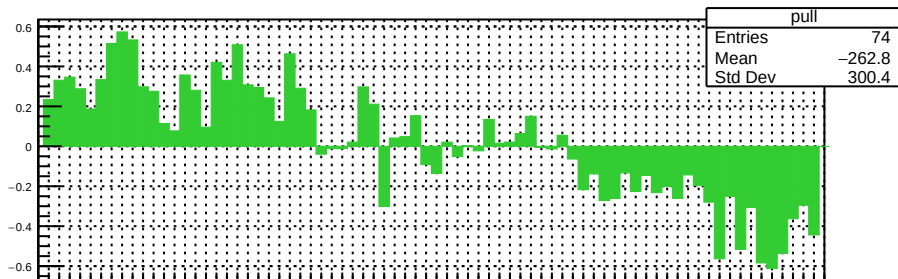
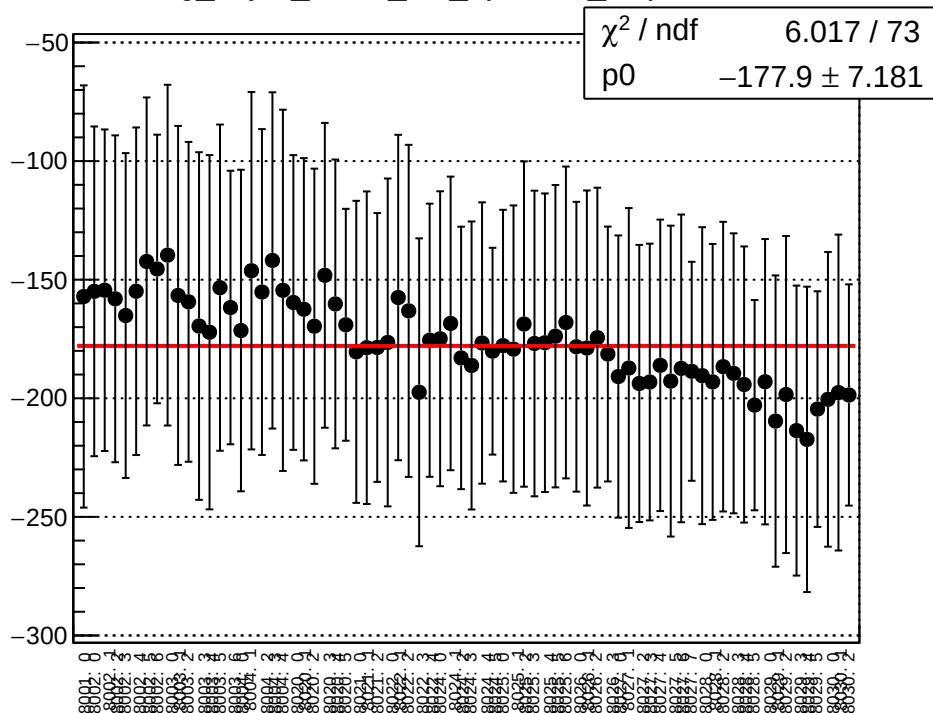
reg\_asym\_sam1\_diff\_bpm12X\_slope vs run



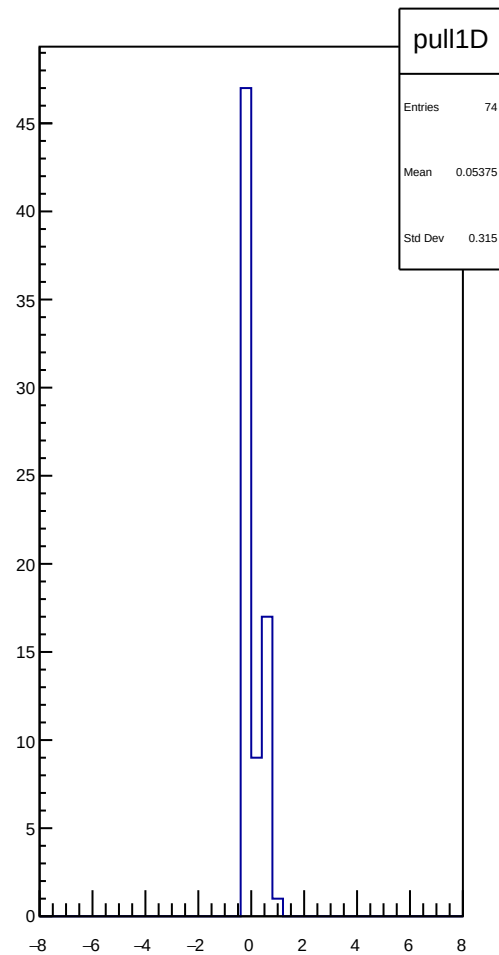
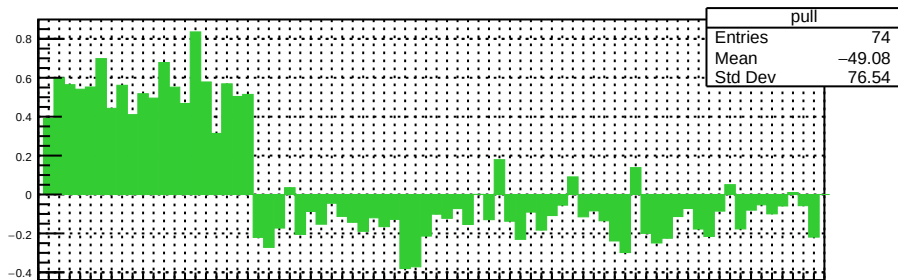
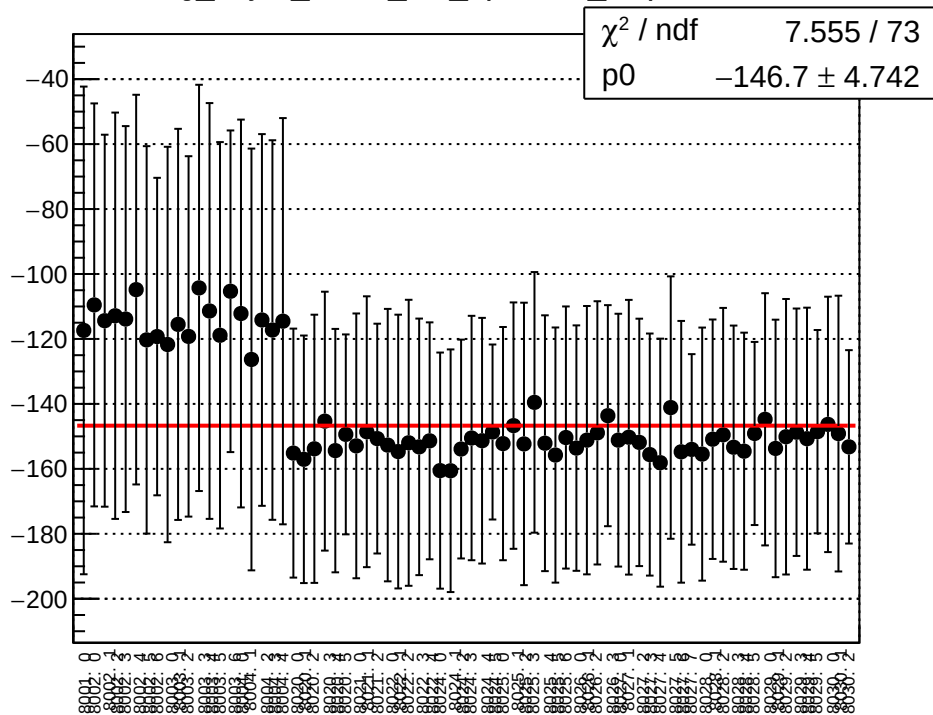
# reg\_asym\_sam2\_diff\_bpm1X\_slope vs run



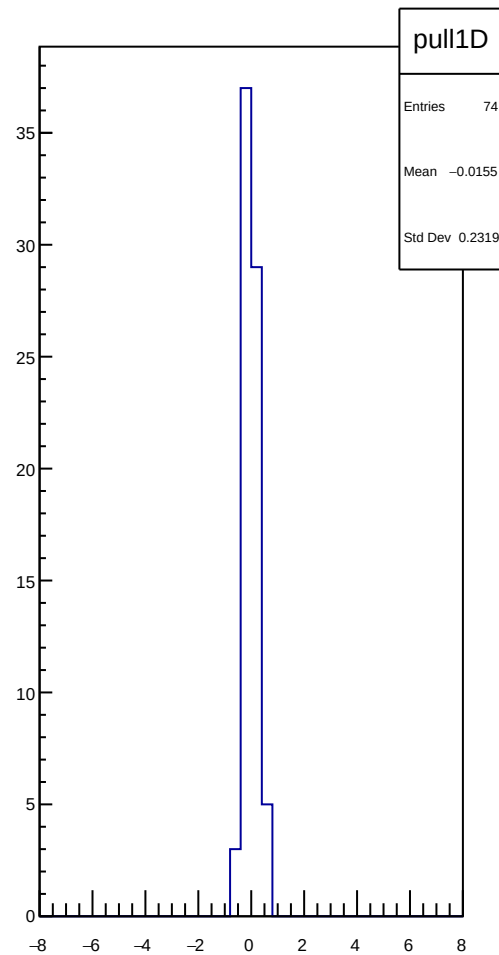
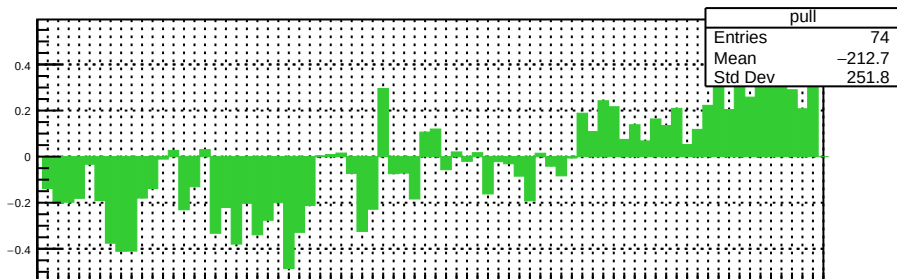
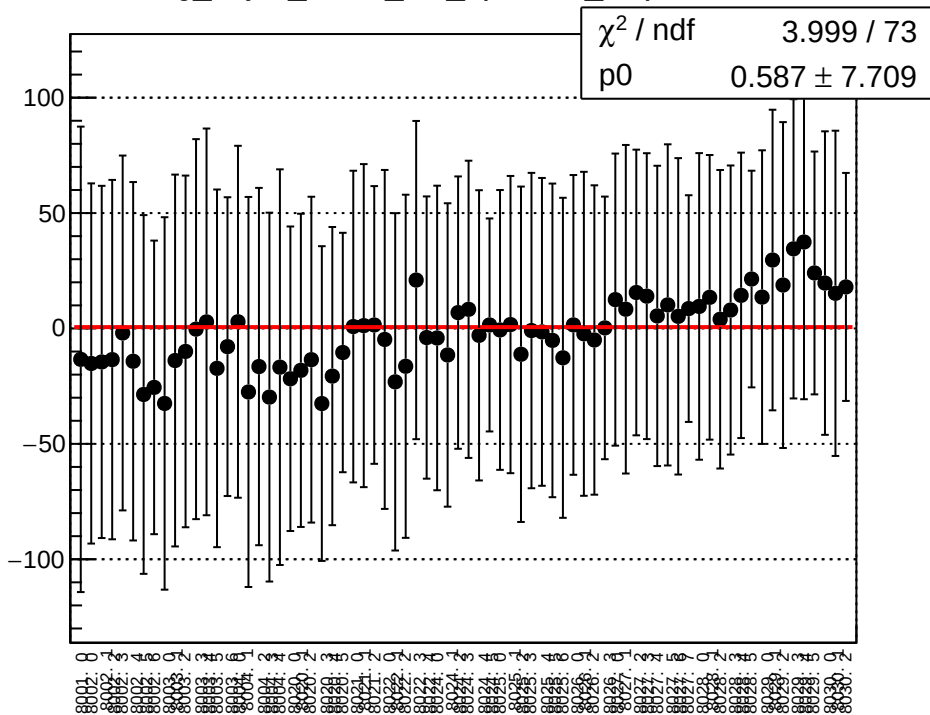
reg\_asym\_sam2\_diff\_bpm4aY\_slope vs run



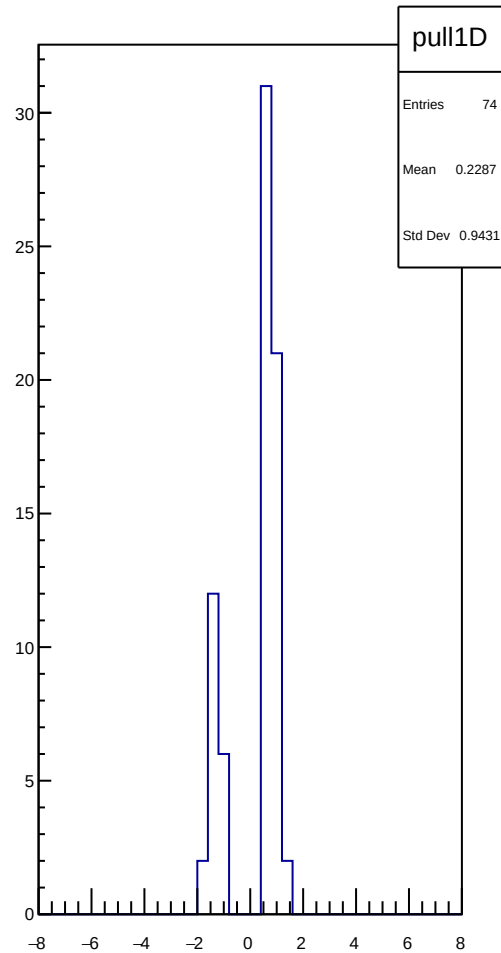
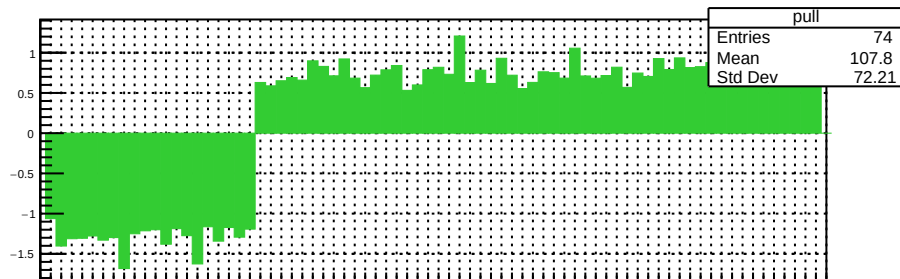
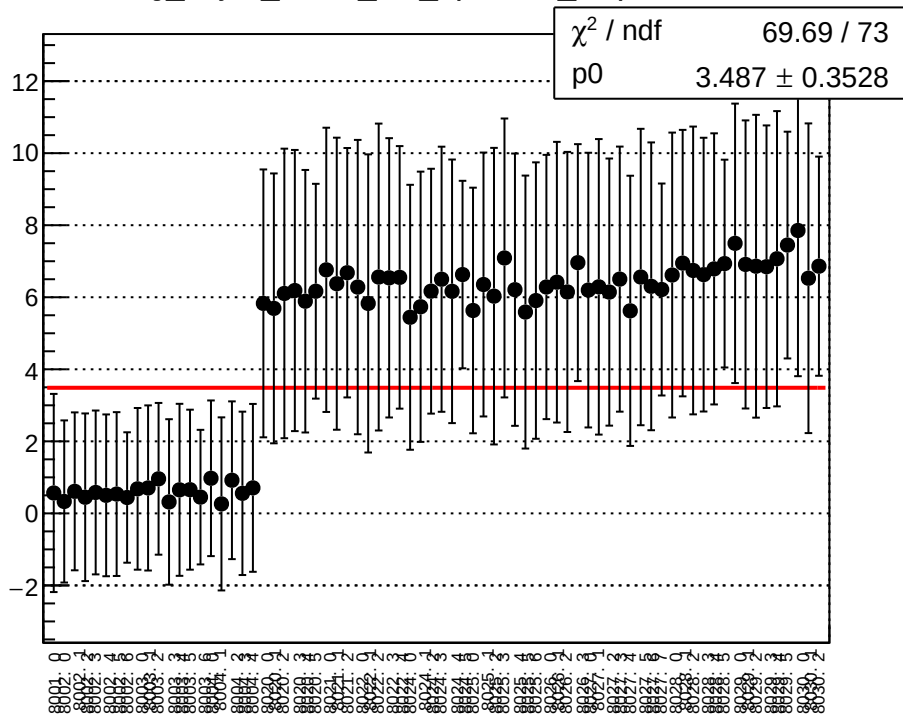
reg\_asym\_sam2\_diff\_bpm4eX\_slope vs run



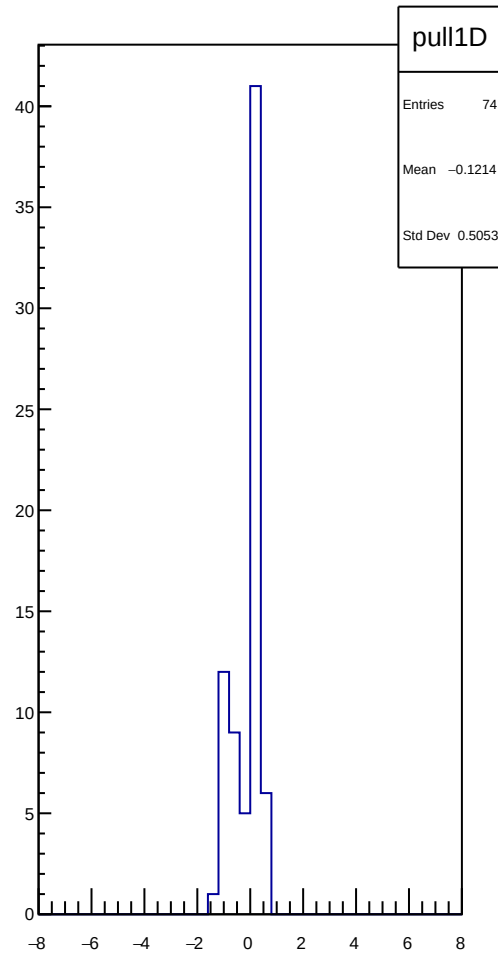
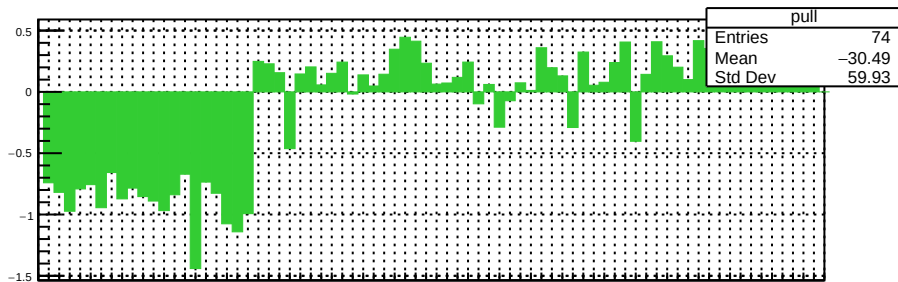
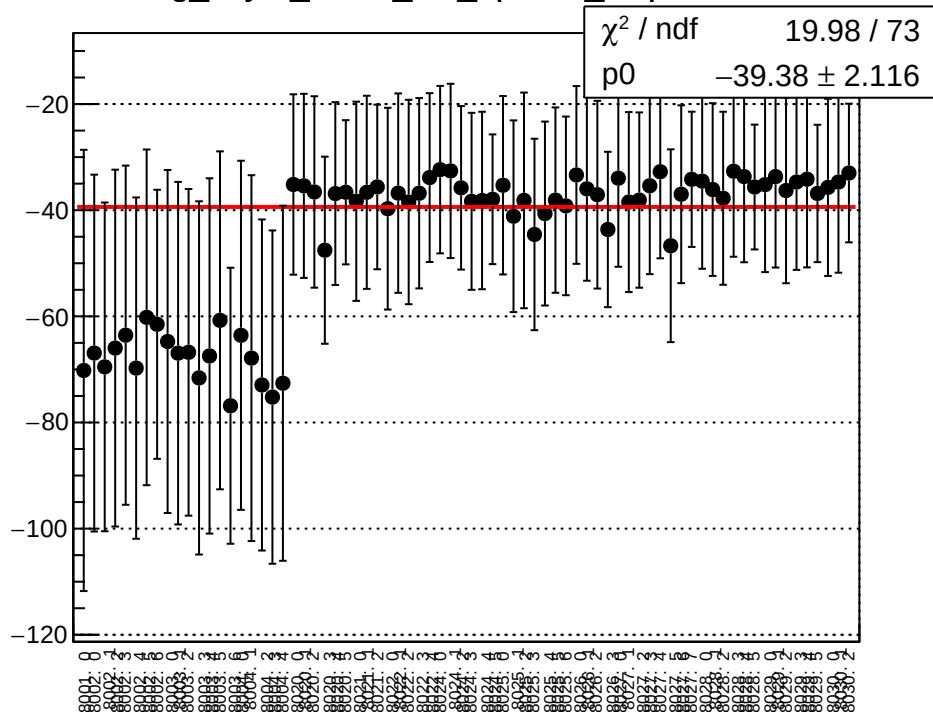
reg\_asym\_sam2\_diff\_bpm4eY\_slope vs run



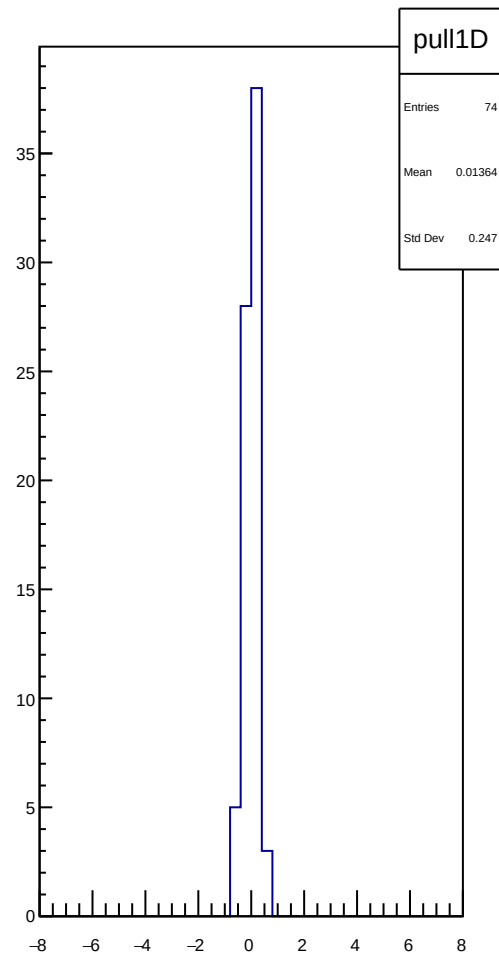
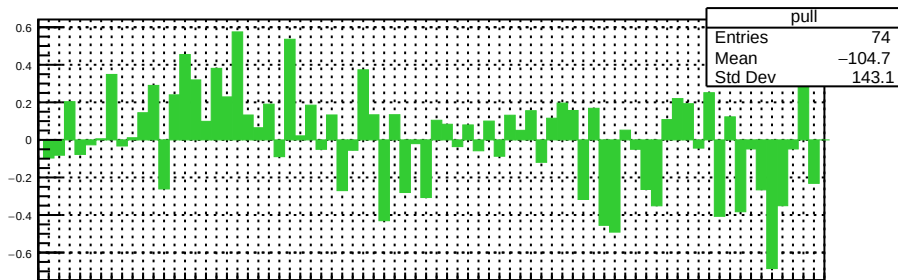
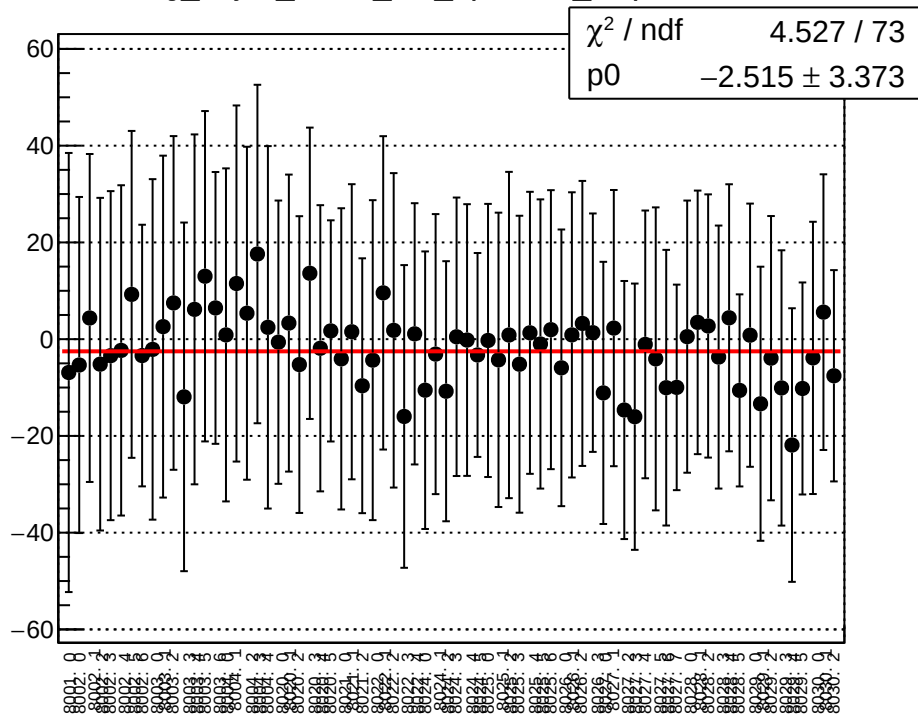
reg\_asym\_sam2\_diff\_bpm12X\_slope vs run



# reg\_asym\_sam3\_diff\_bpm1X\_slope vs run

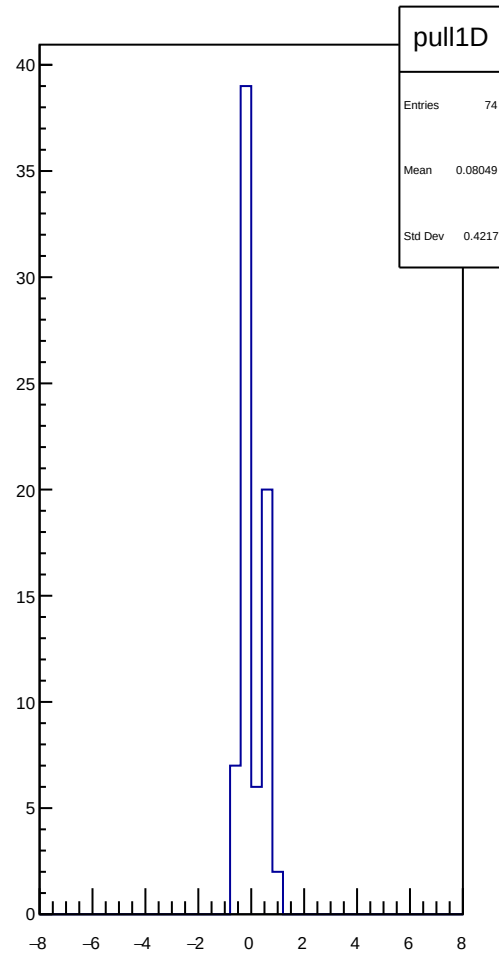
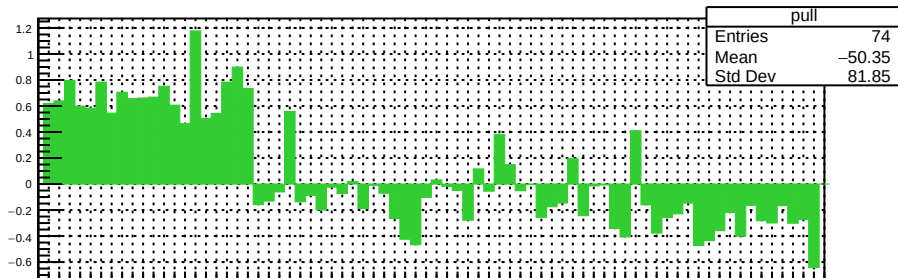
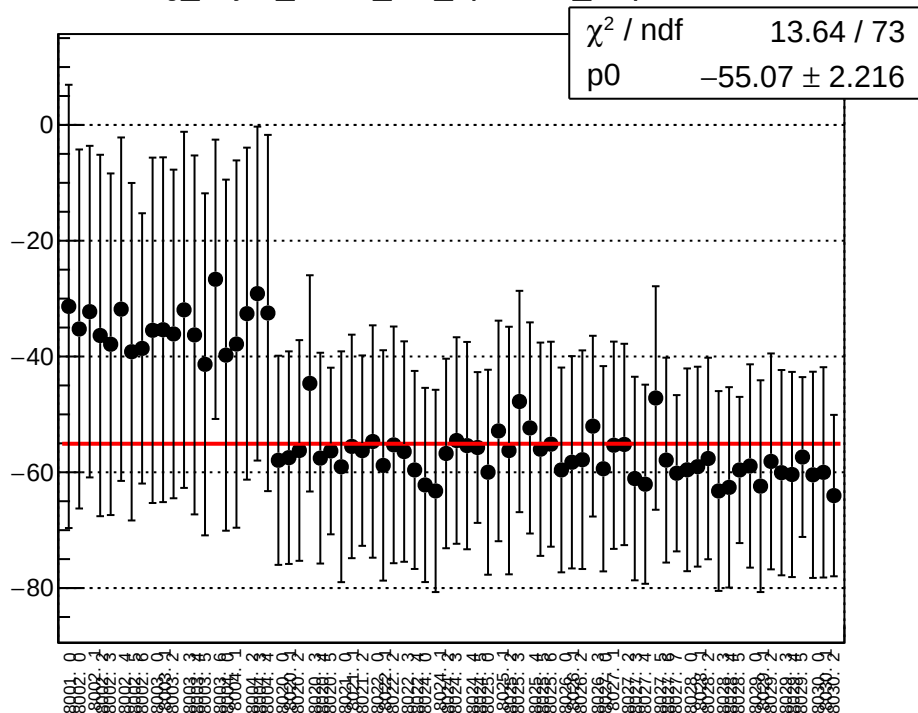


reg\_asym\_sam3\_diff\_bpm4aY\_slope vs run

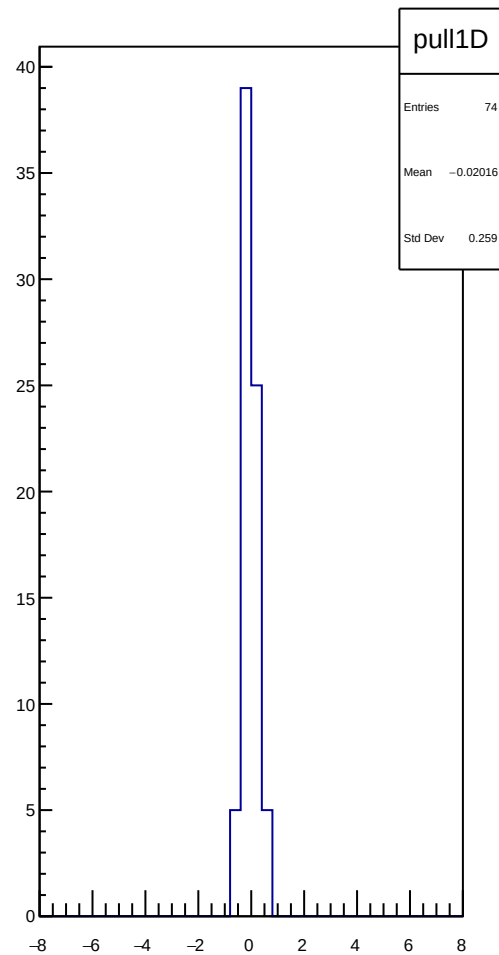
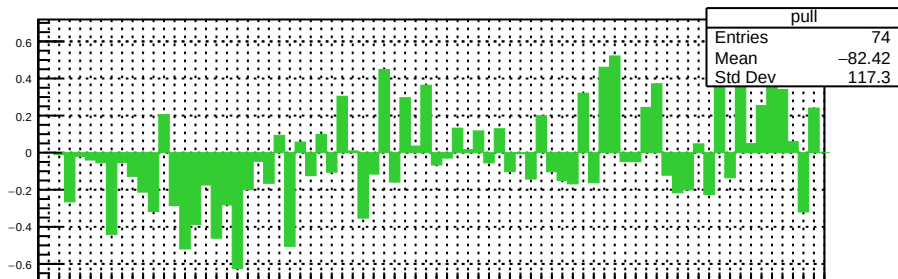
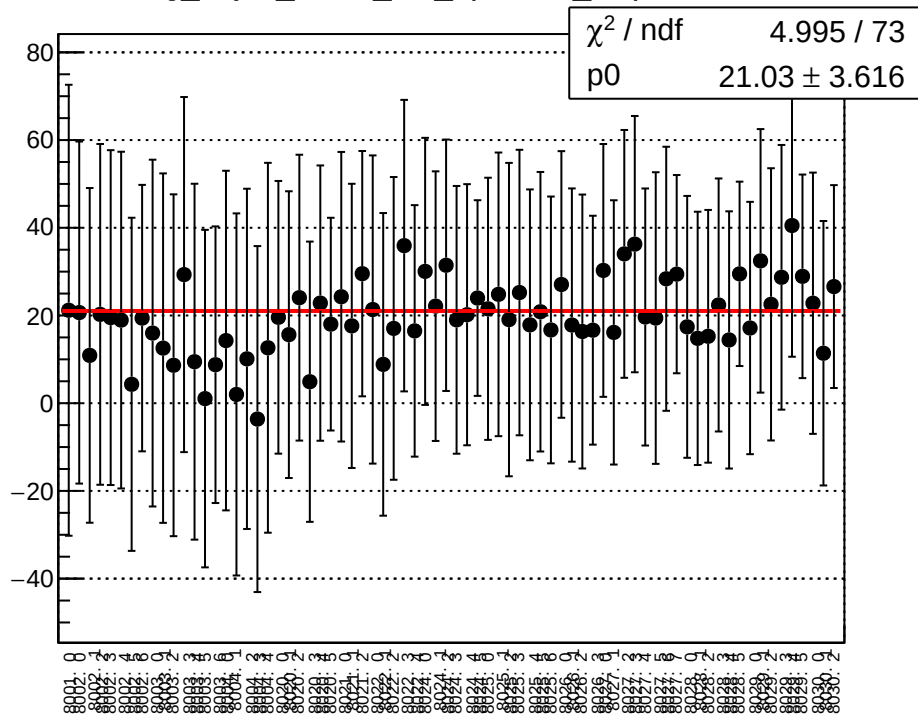




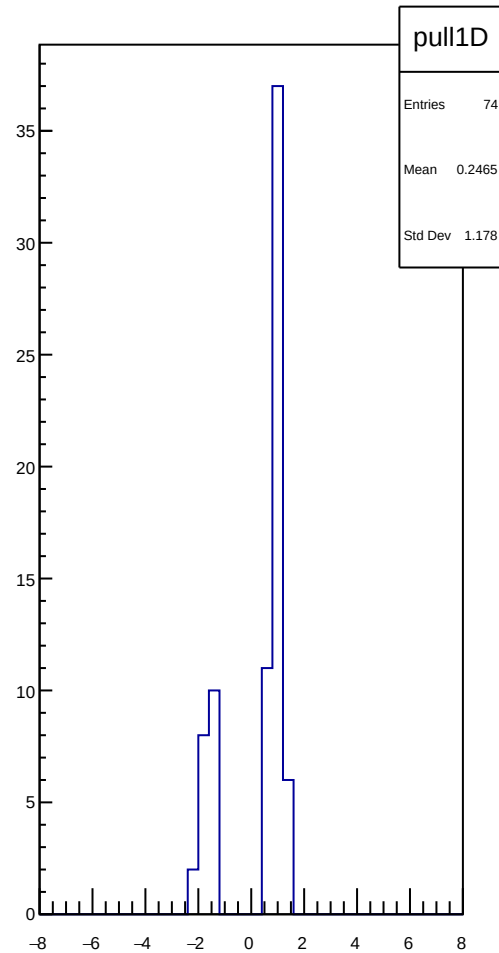
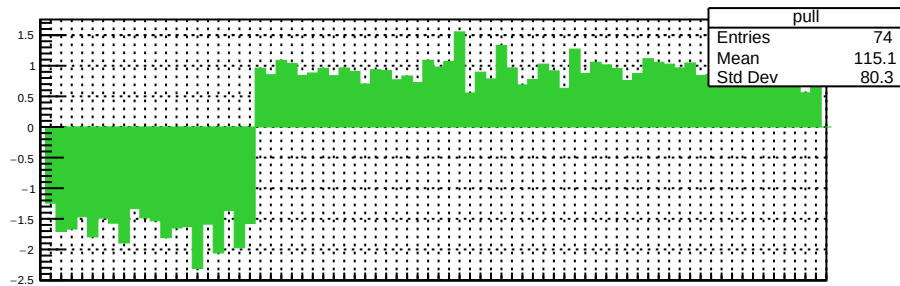
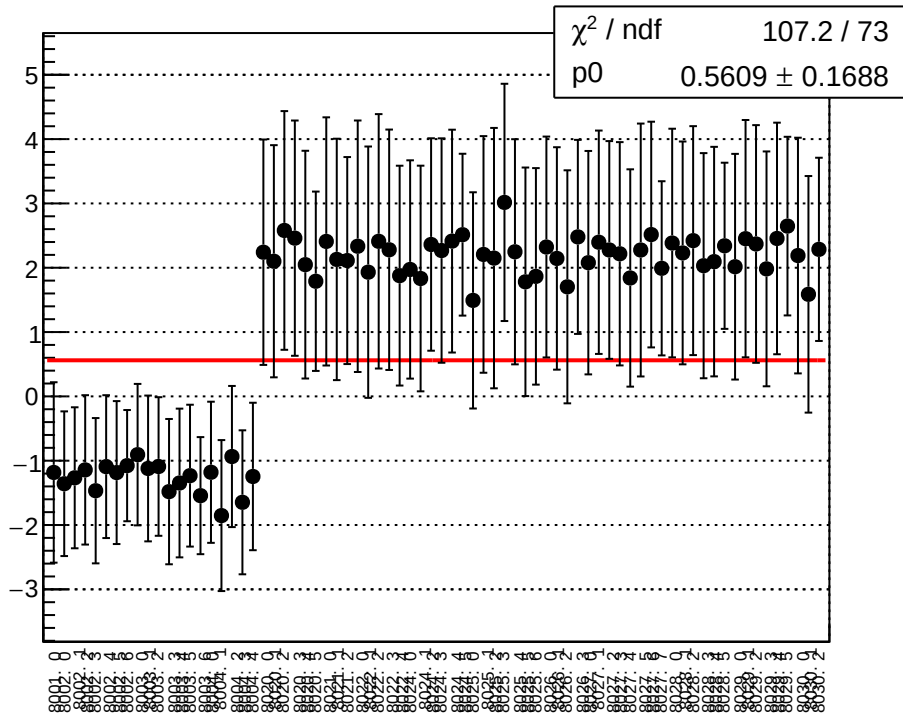
reg\_asym\_sam3\_diff\_bpm4eX\_slope vs run



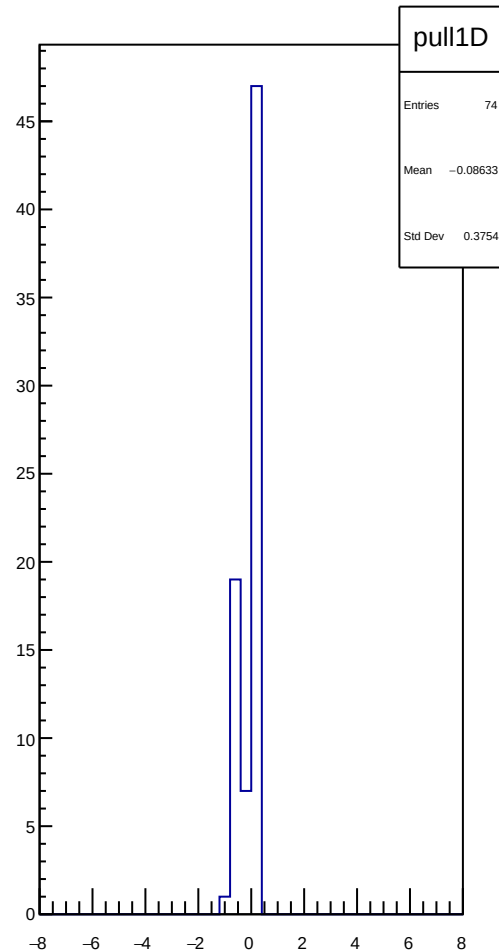
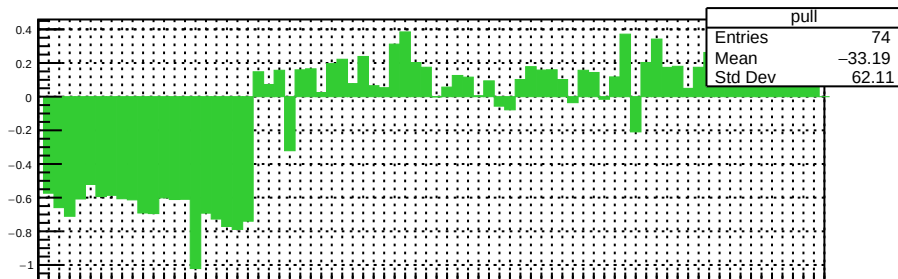
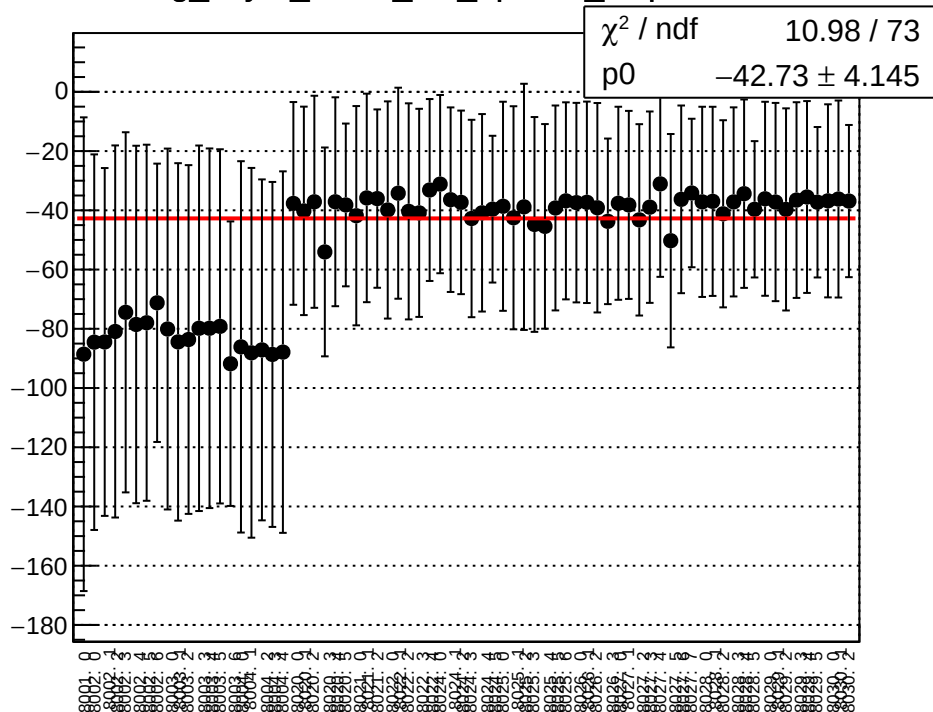
reg\_asym\_sam3\_diff\_bpm4eY\_slope vs run



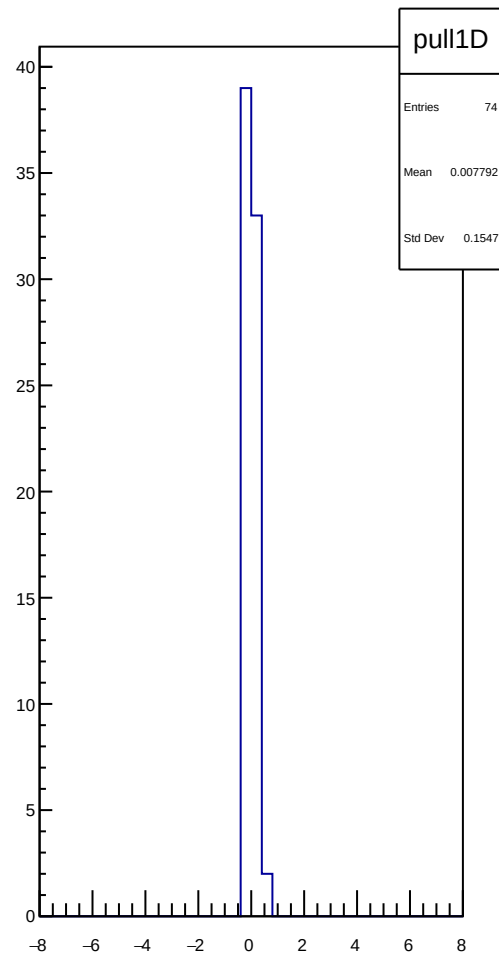
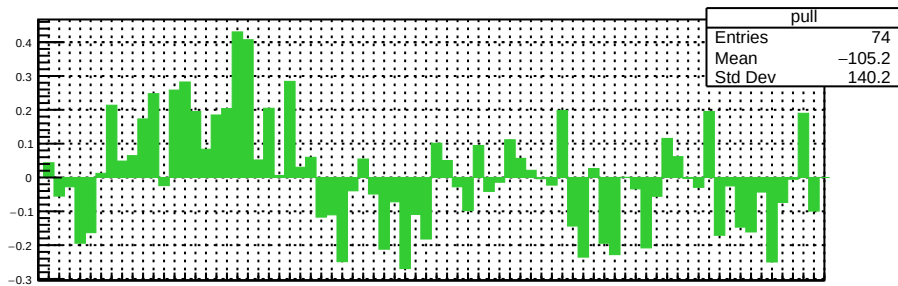
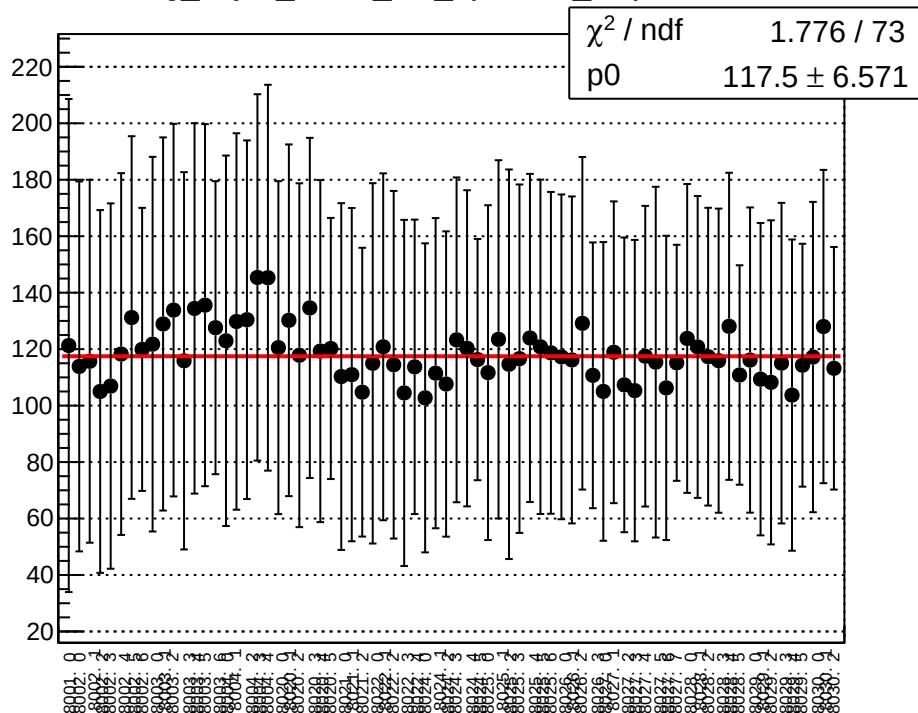
reg\_asym\_sam3\_diff\_bpm12X\_slope vs run



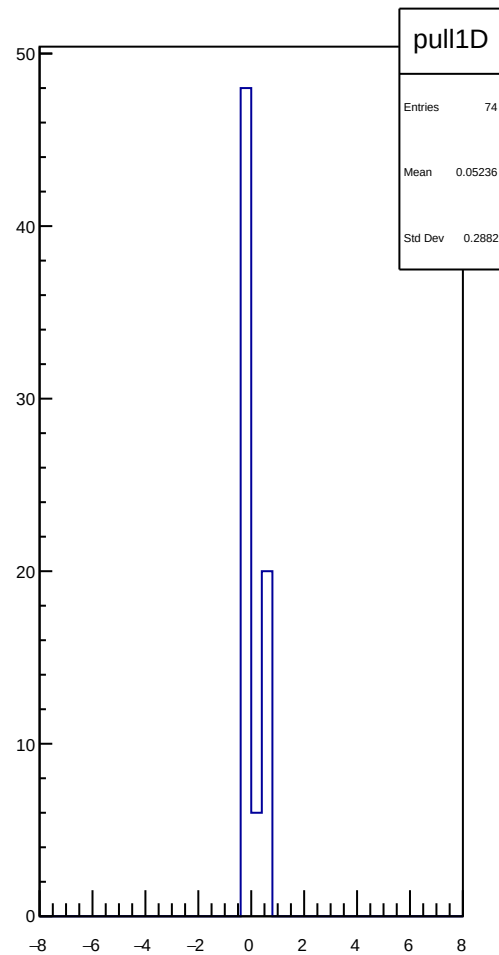
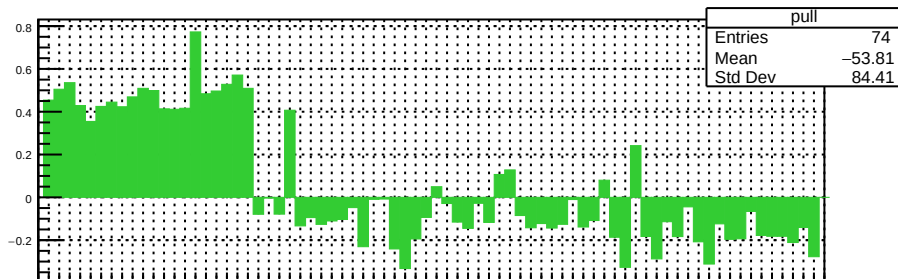
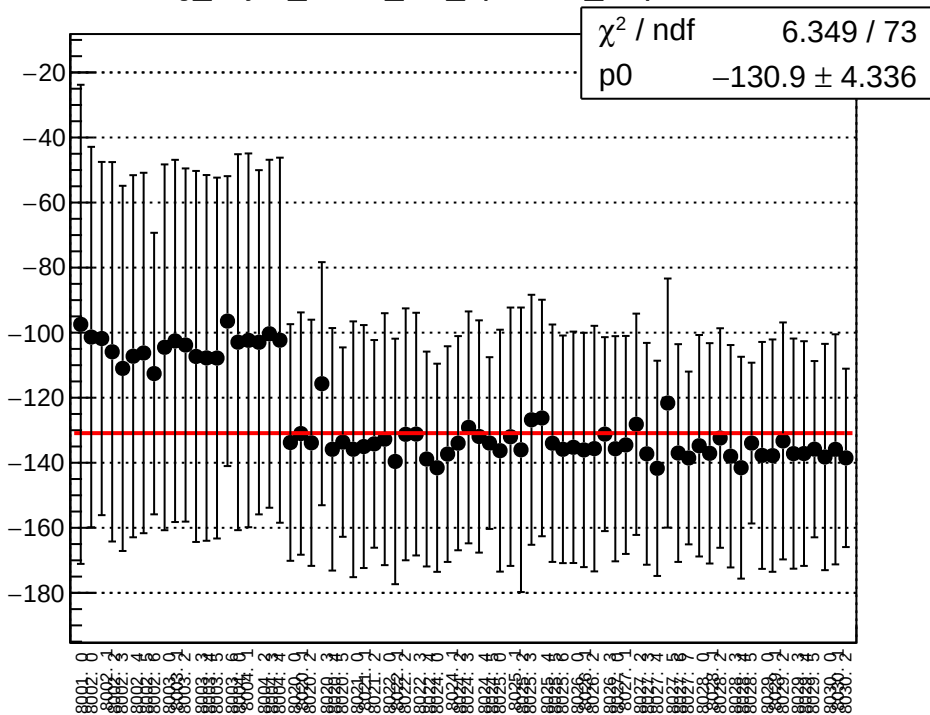
# reg\_asym\_sam4\_diff\_bpm1X\_slope vs run



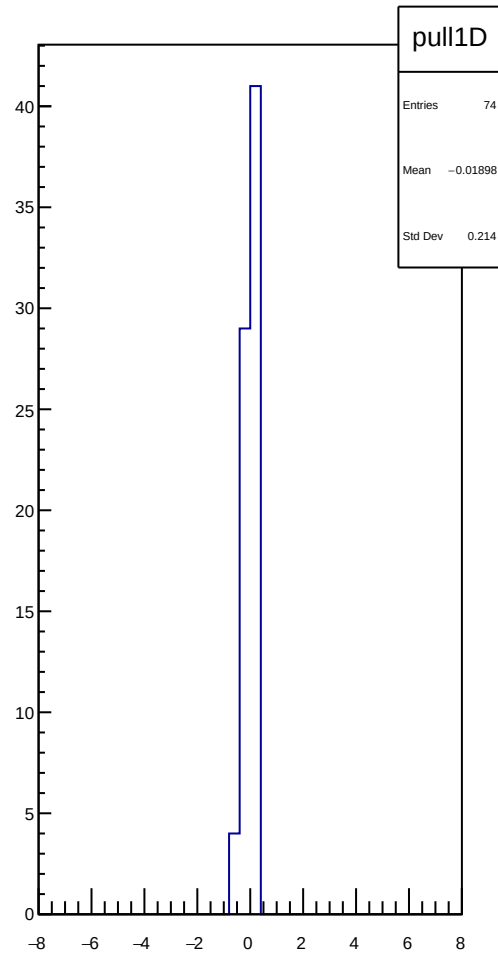
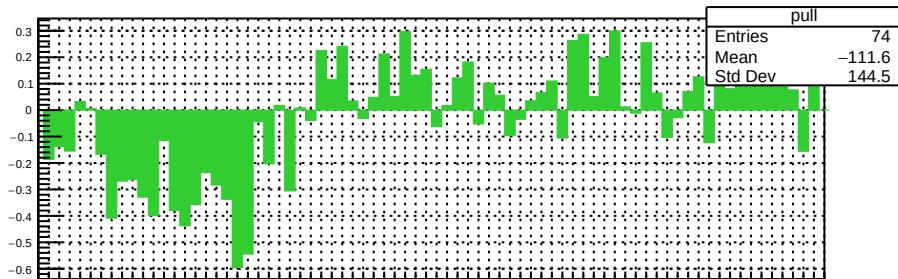
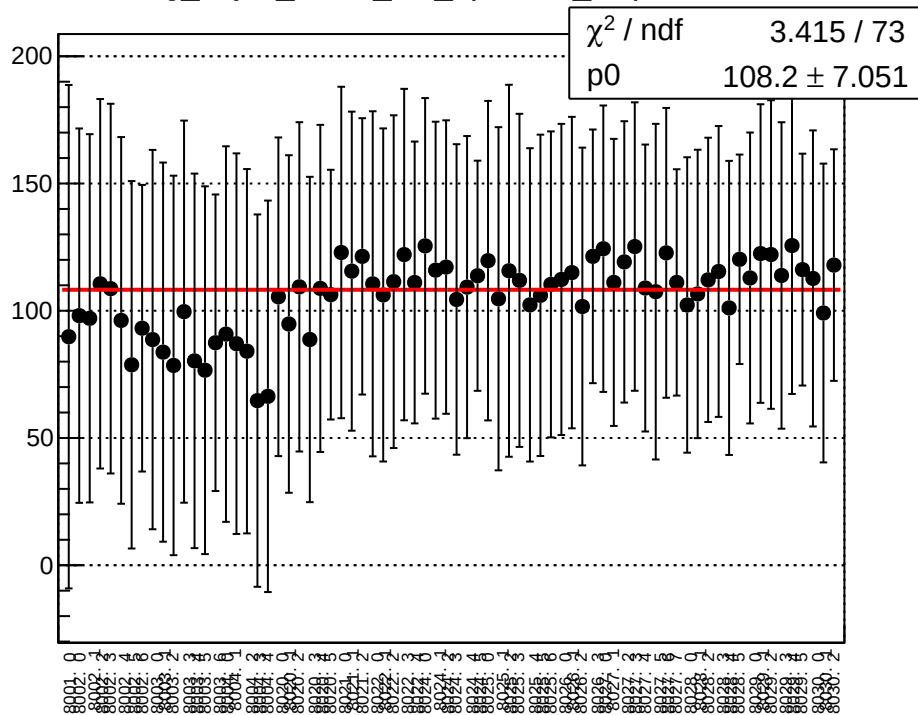
reg\_asym\_sam4\_diff\_bpm4aY\_slope vs run



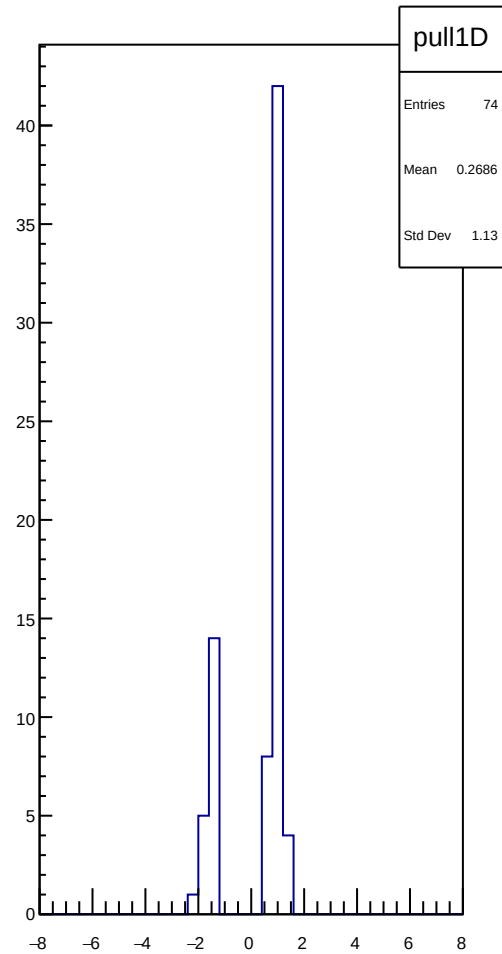
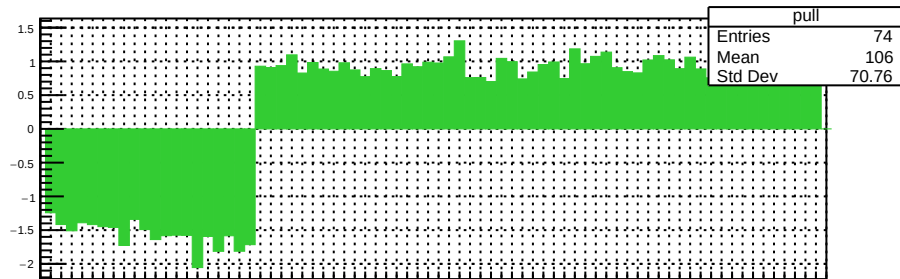
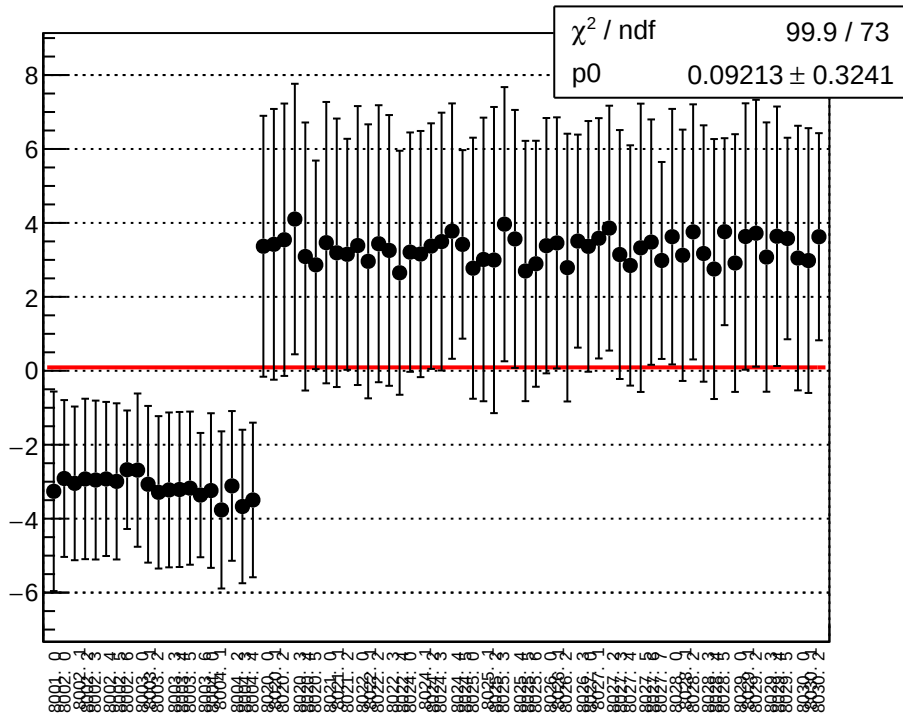
reg\_asym\_sam4\_diff\_bpm4eX\_slope vs run



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

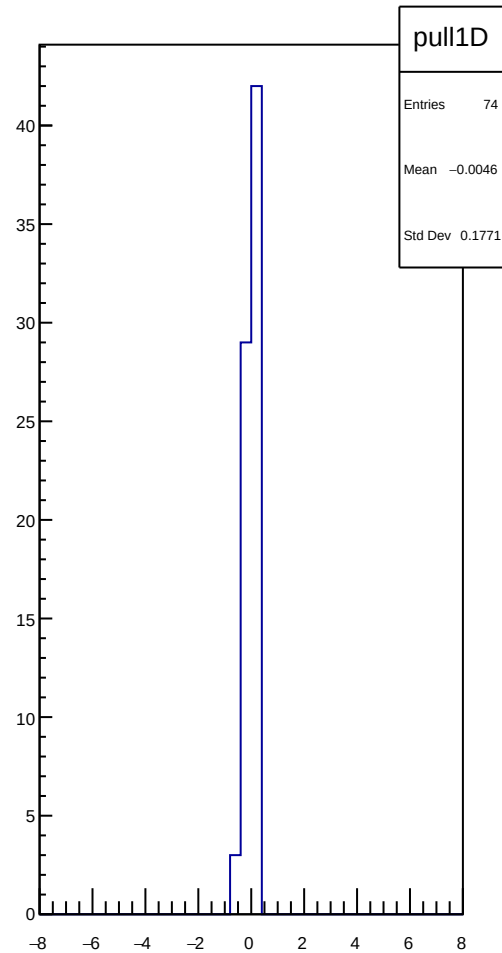
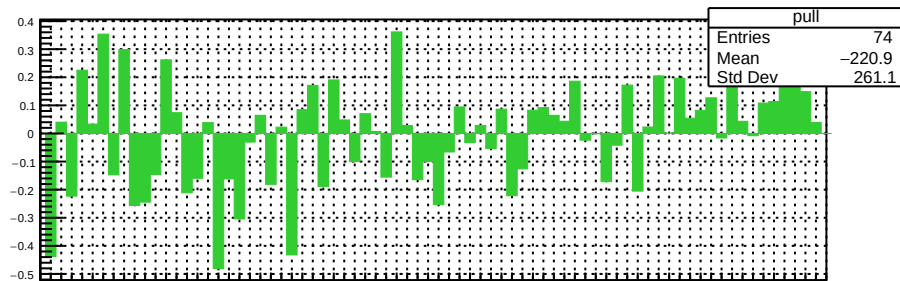
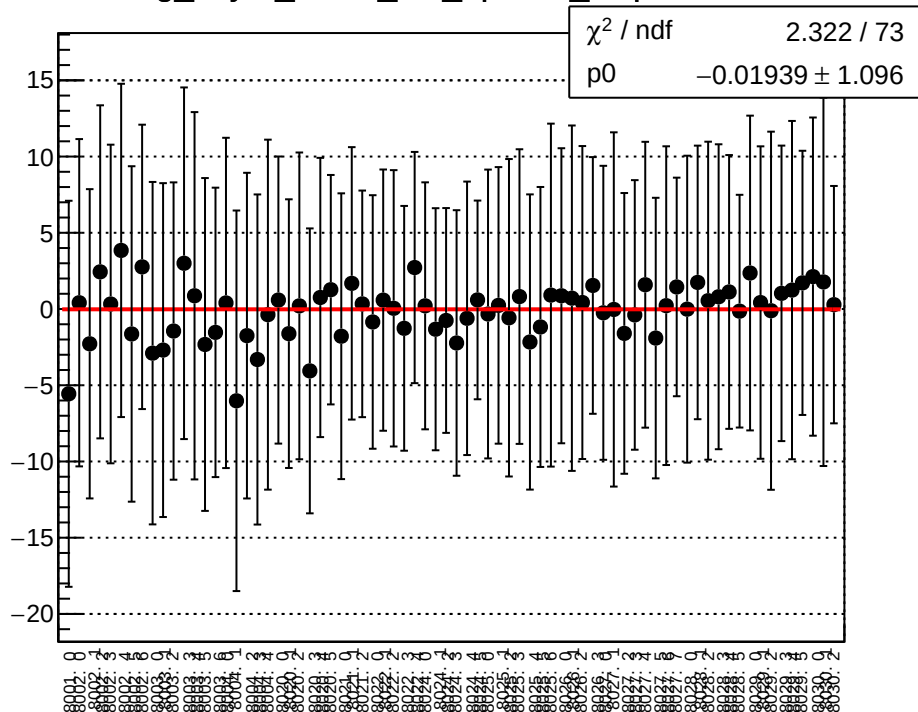


reg\_asym\_sam4\_diff\_bpm12X\_slope vs run

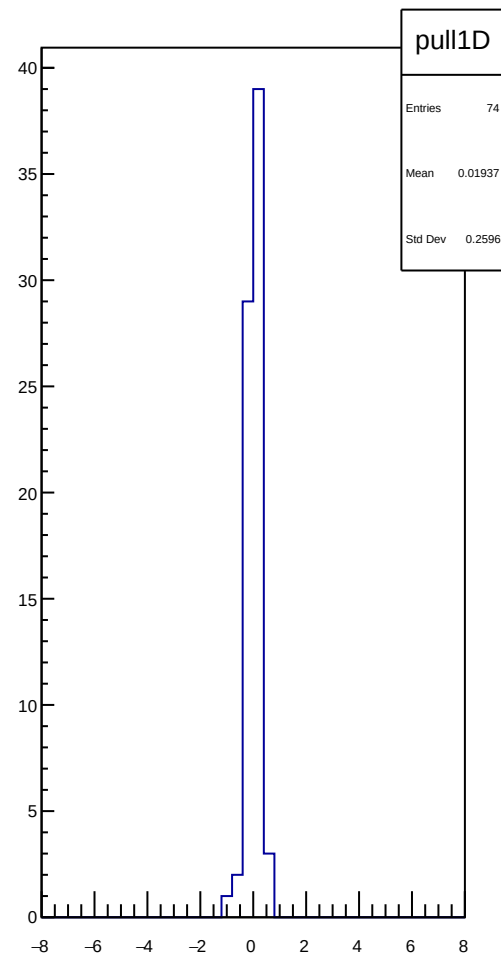
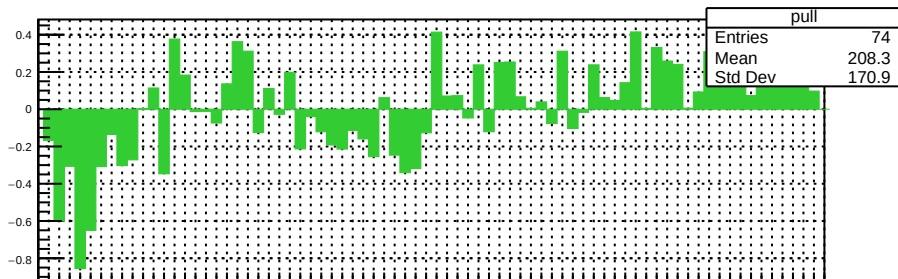
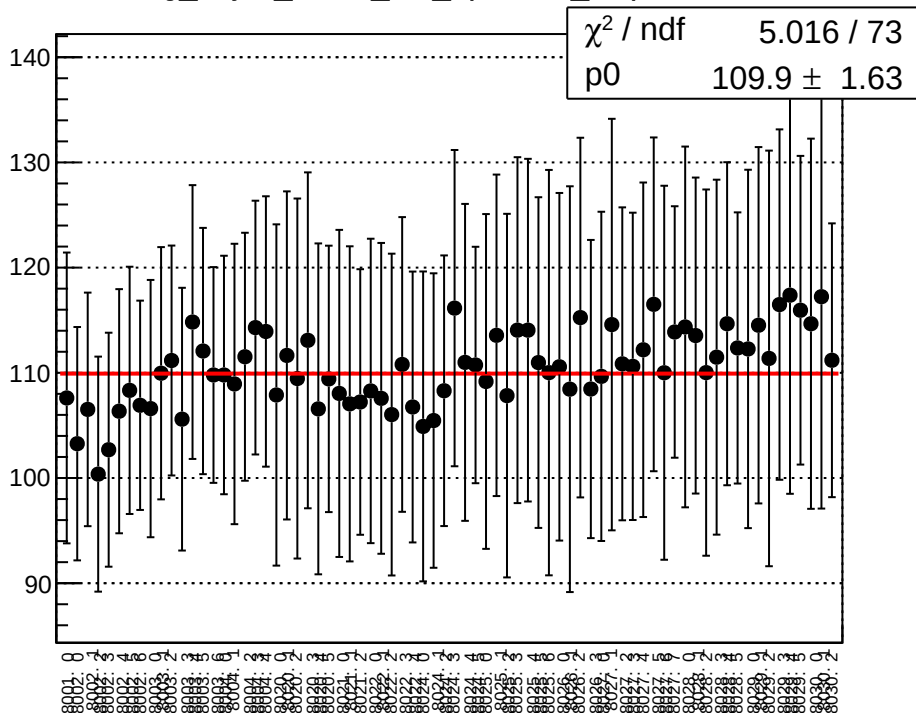




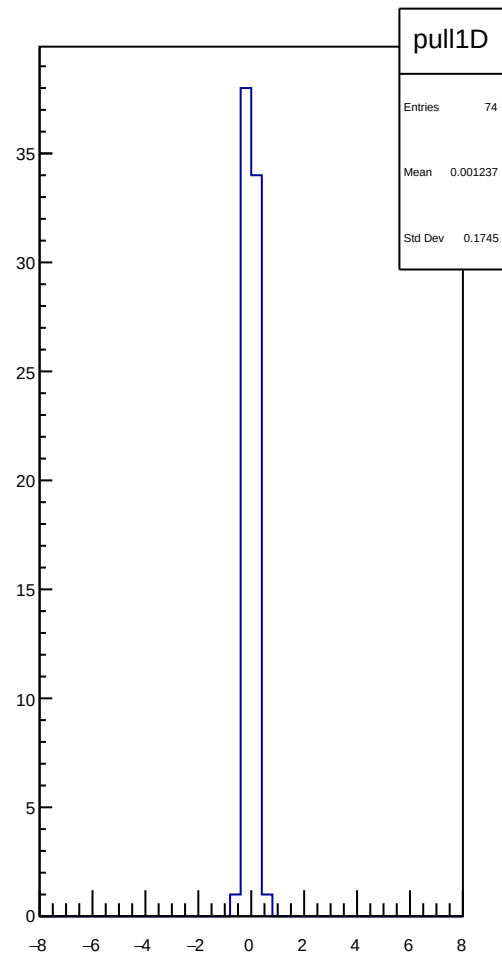
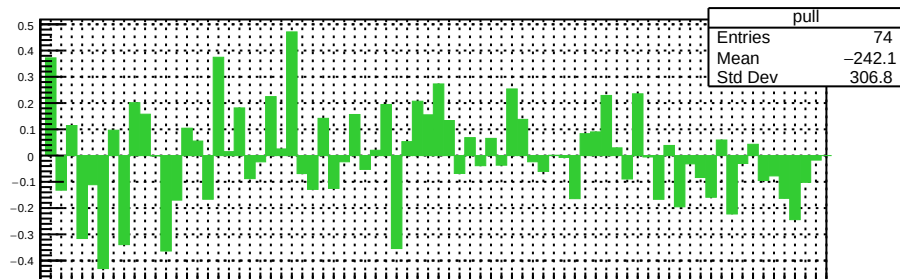
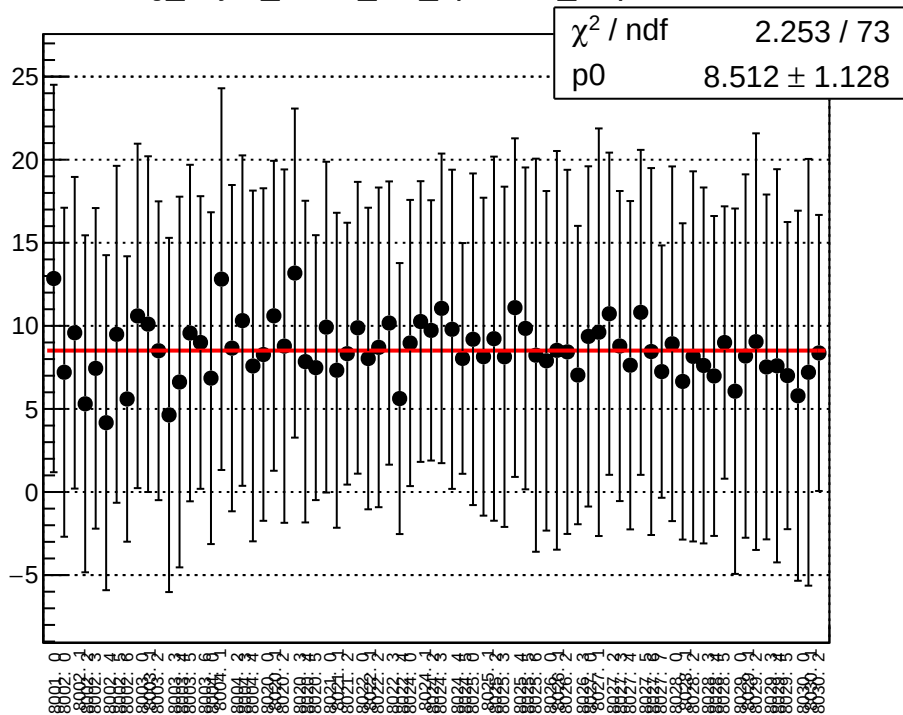
# reg\_asym\_sam5\_diff\_bpm1X\_slope vs run



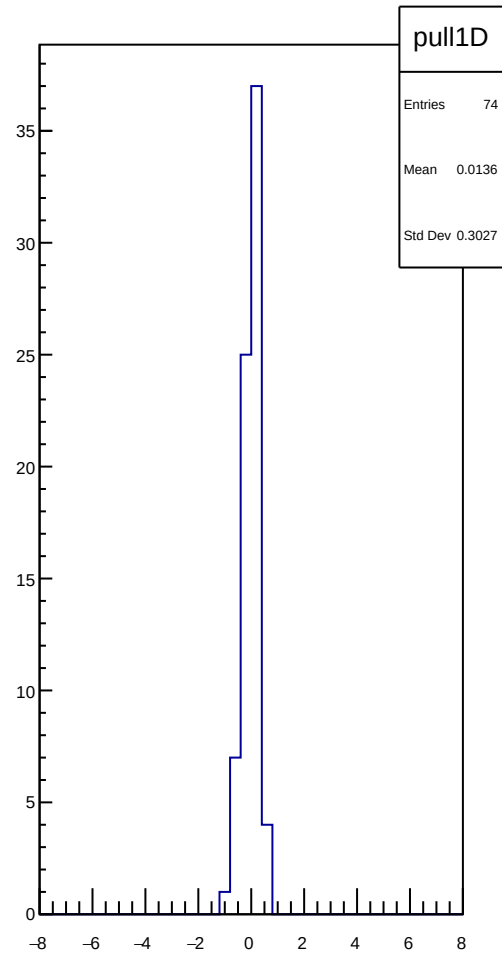
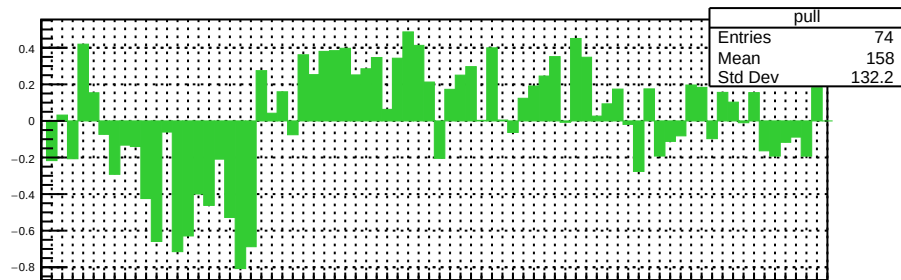
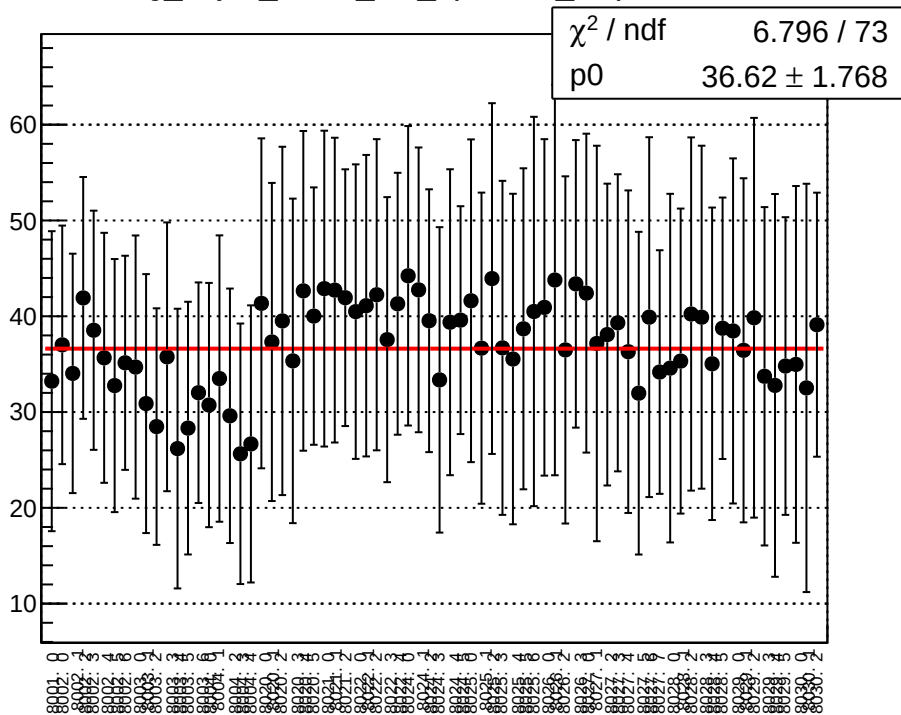
reg\_asym\_sam5\_diff\_bpm4aY\_slope vs run



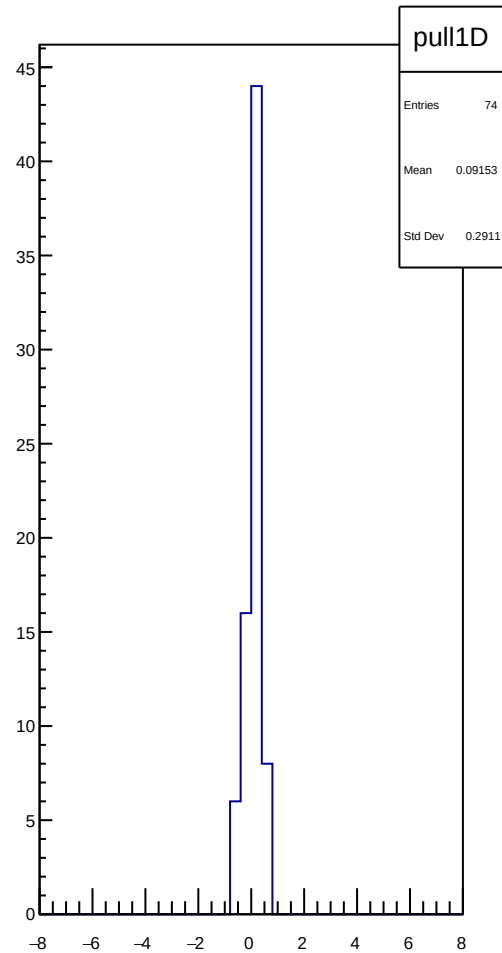
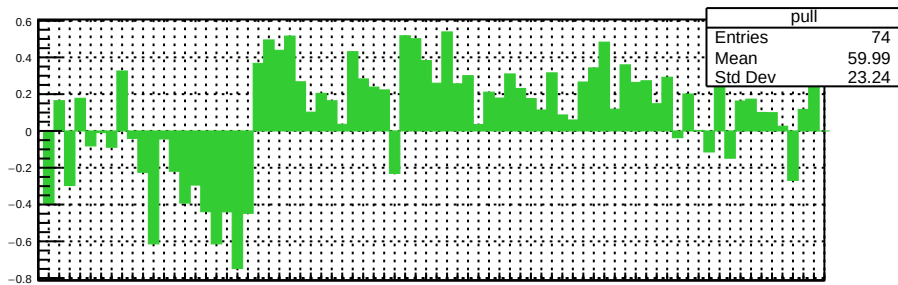
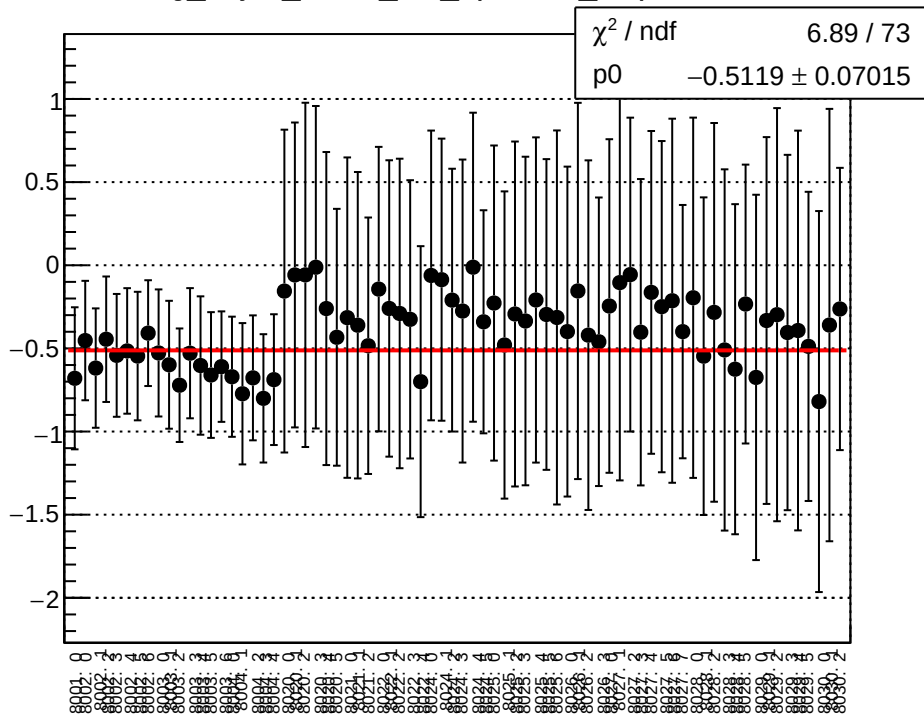
reg\_asym\_sam5\_diff\_bpm4eX\_slope vs run



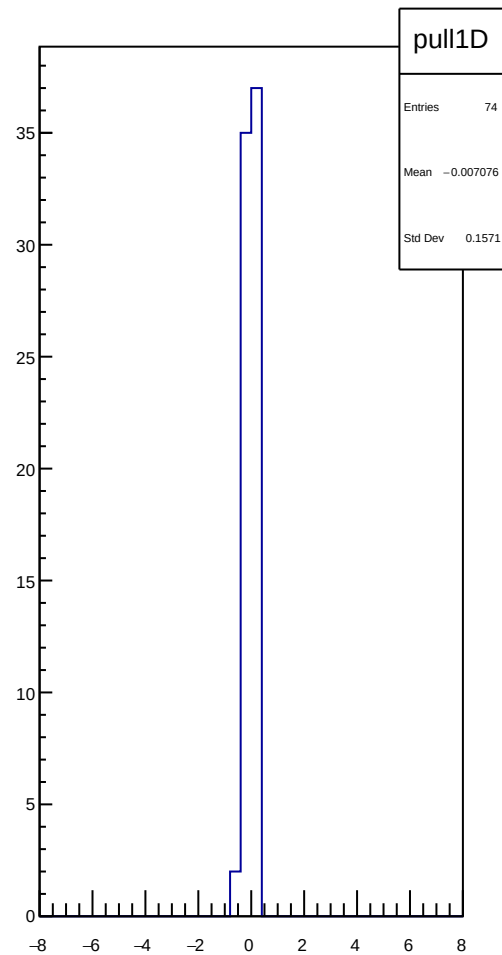
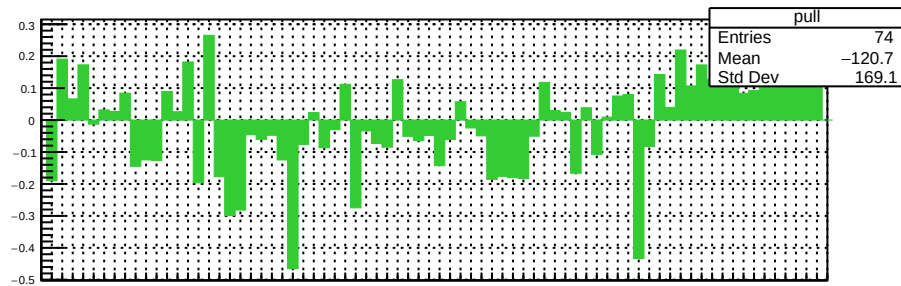
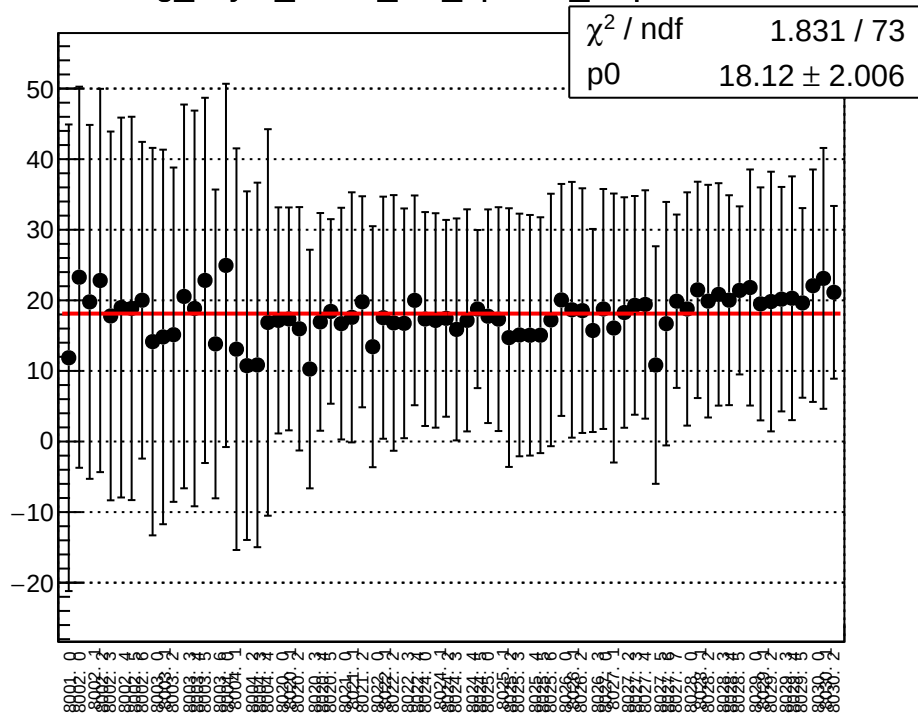
reg\_asym\_sam5\_diff\_bpm4eY\_slope vs run



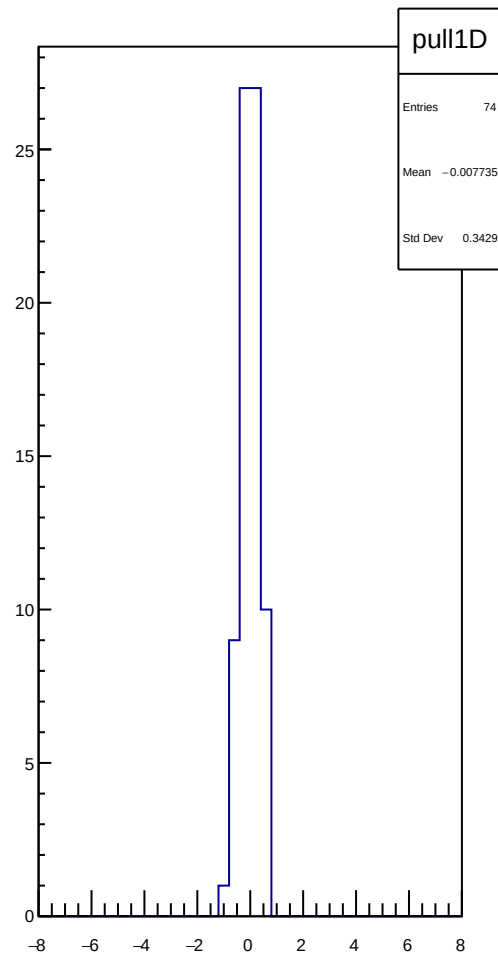
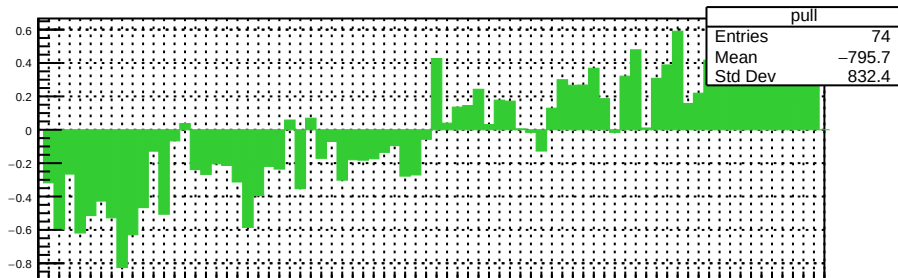
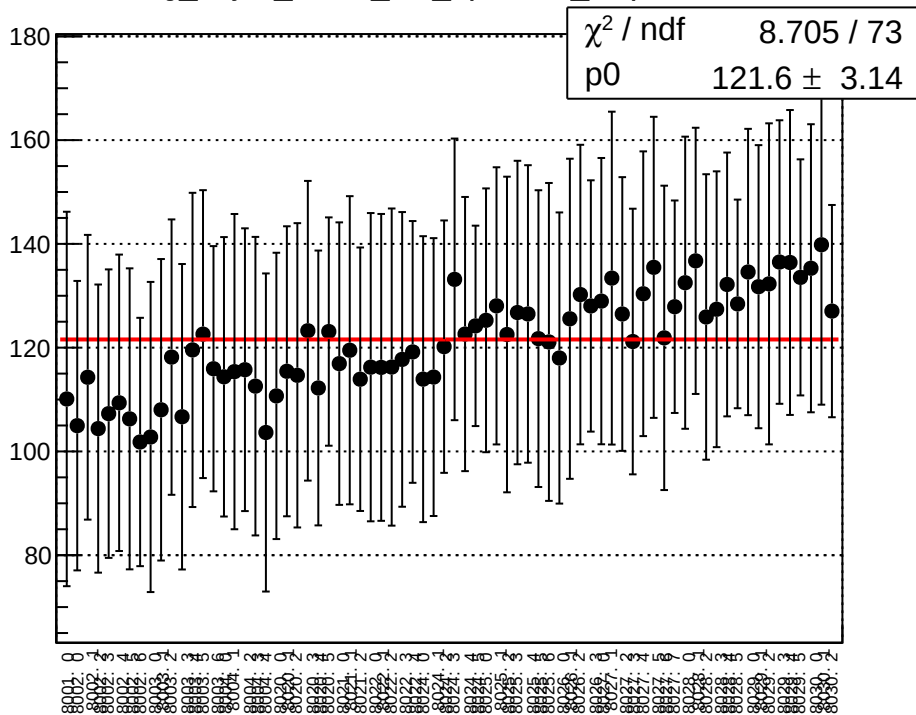
reg\_asym\_sam5\_diff\_bpm12X\_slope vs run



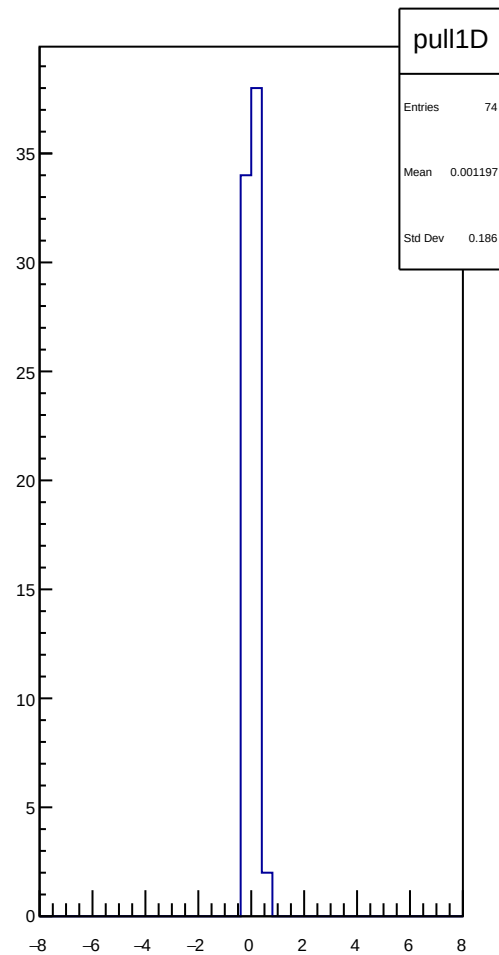
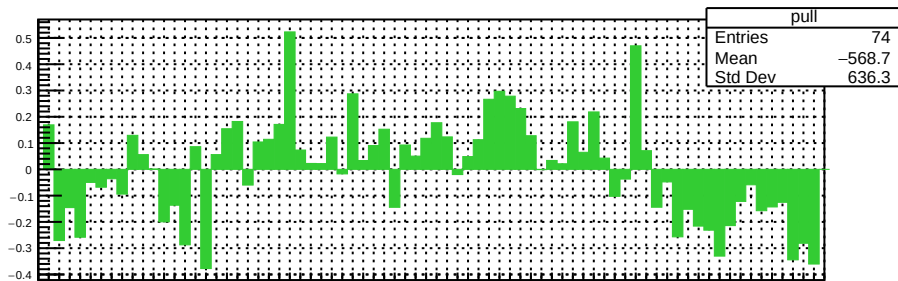
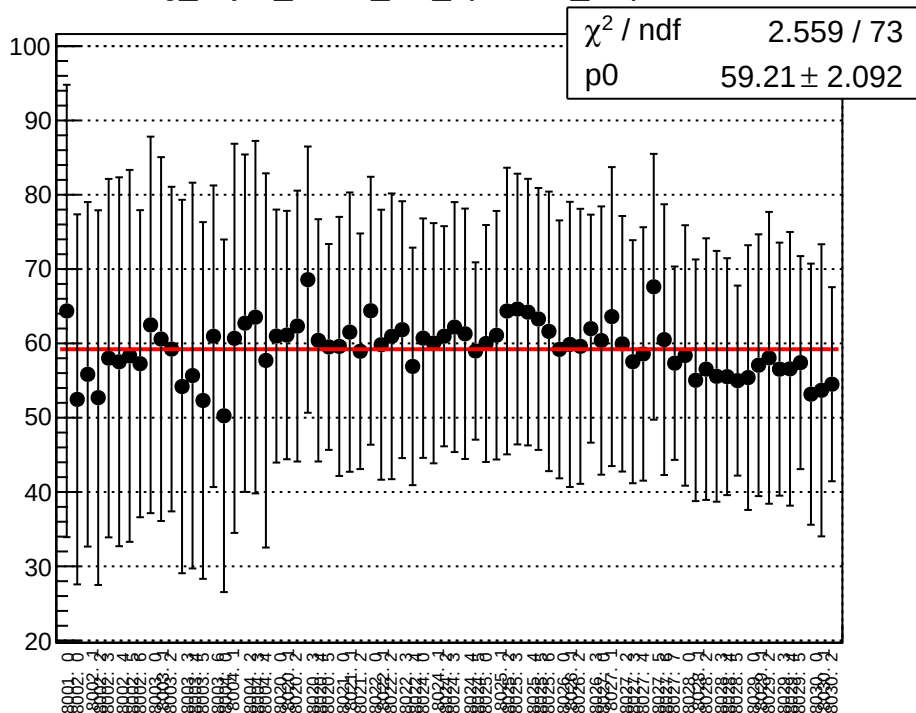
# reg\_asym\_sam6\_diff\_bpm1X\_slope vs run



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

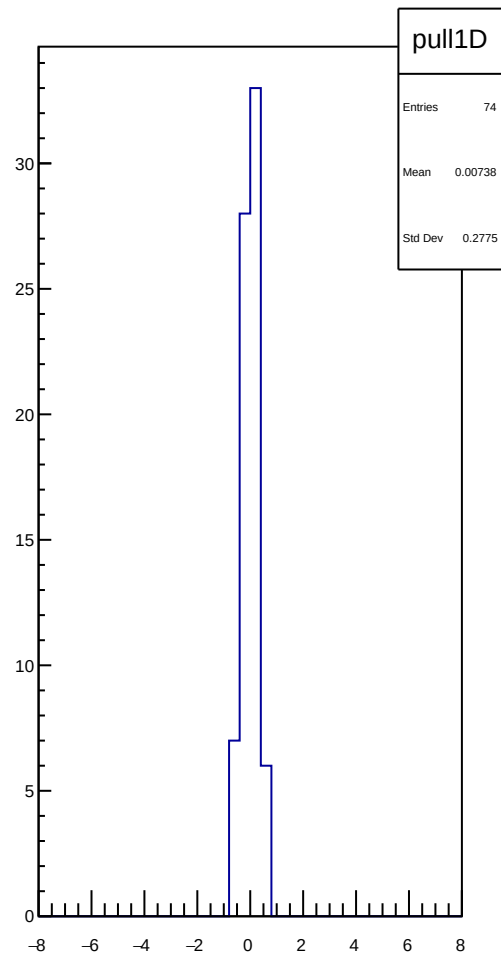
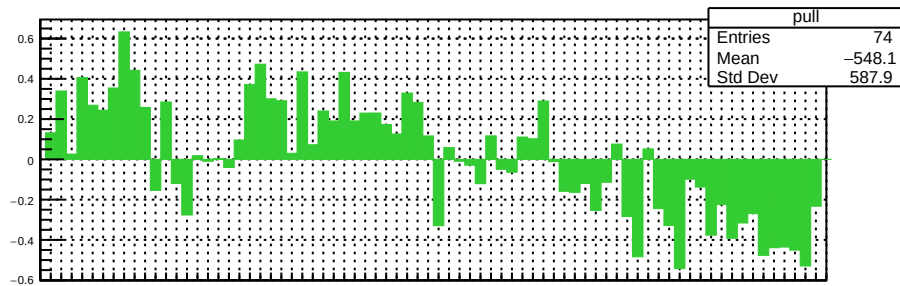
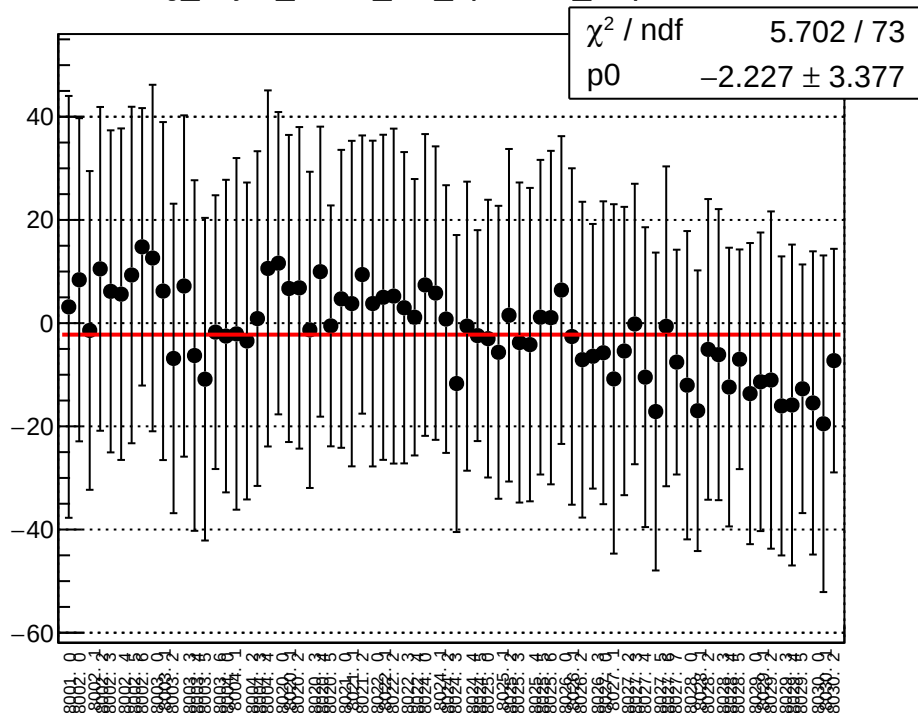


reg\_asym\_sam6\_diff\_bpm4eX\_slope vs run

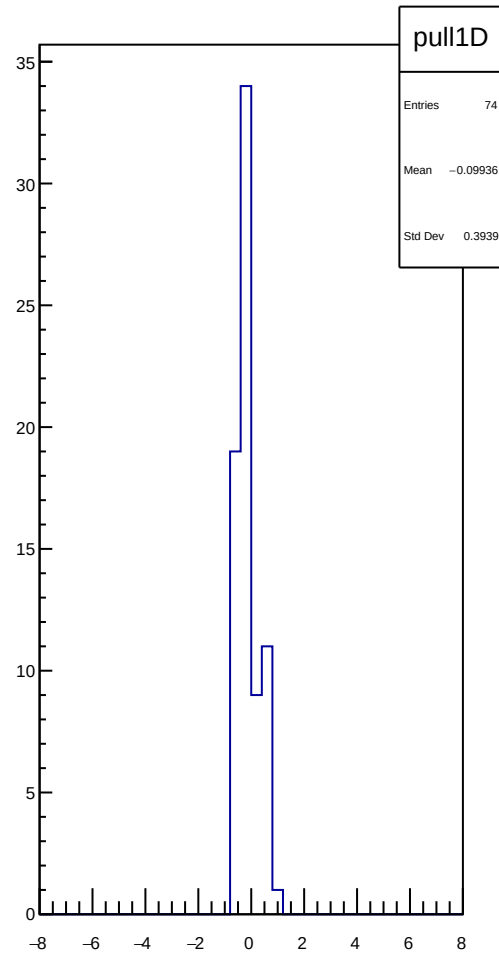
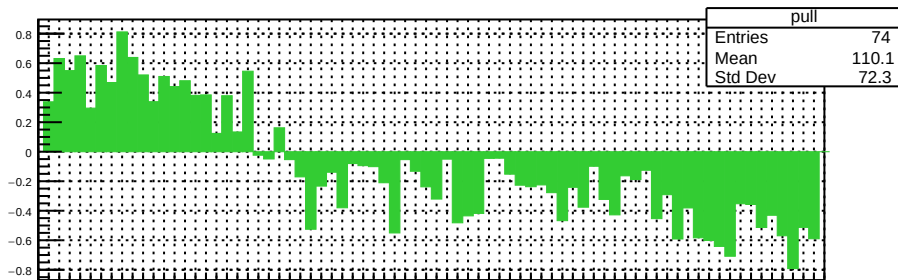
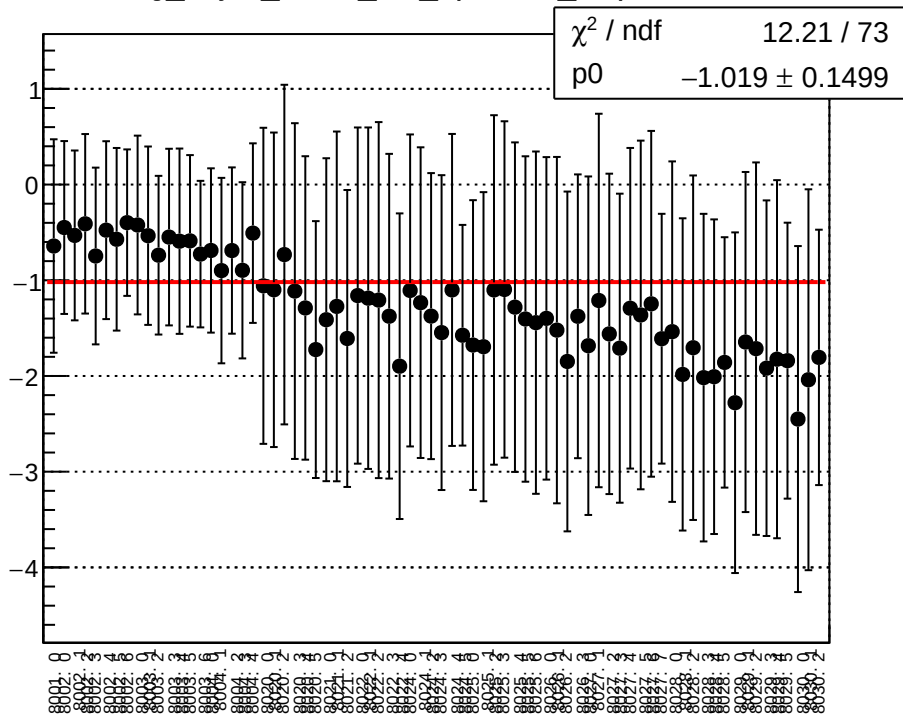




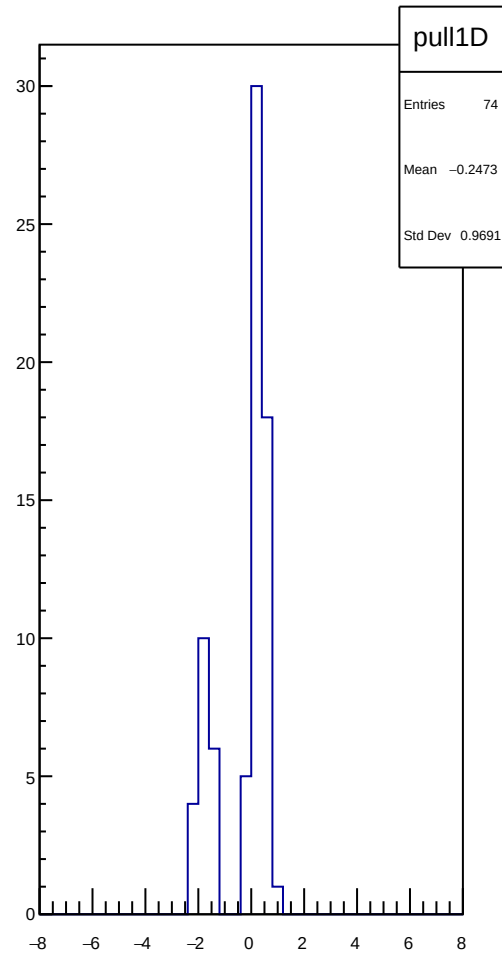
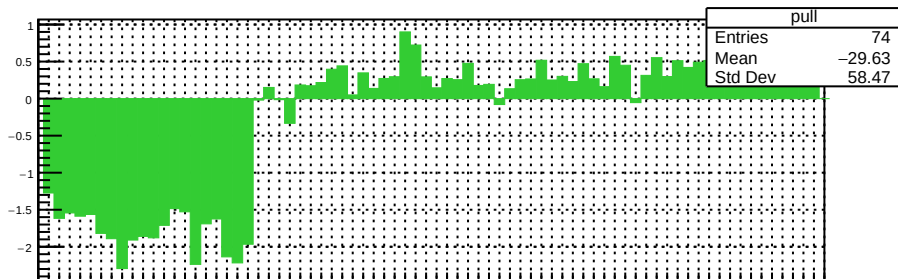
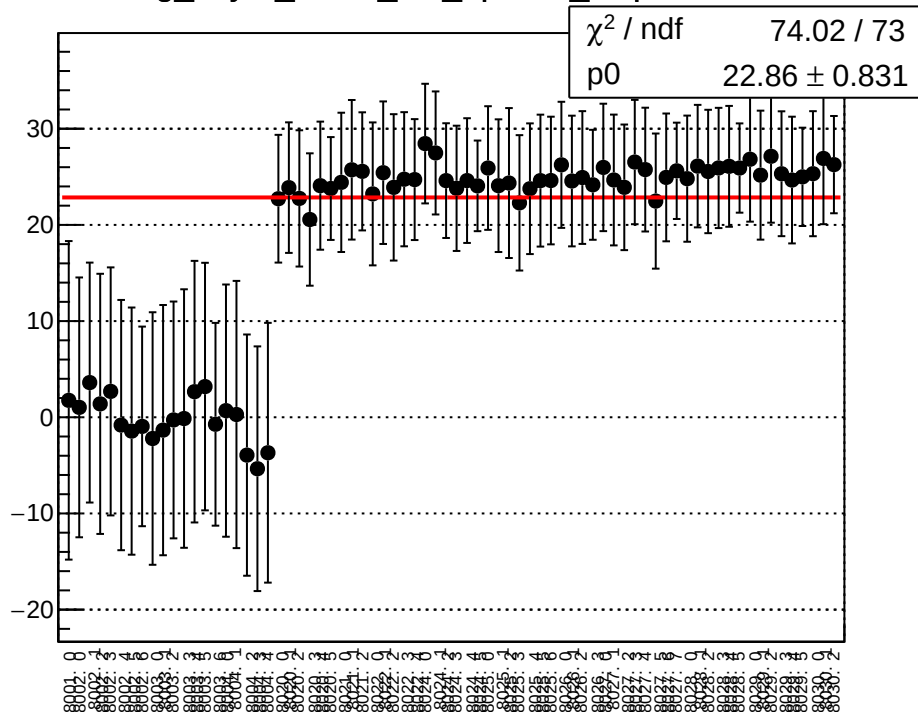
reg\_asym\_sam6\_diff\_bpm4eY\_slope vs run



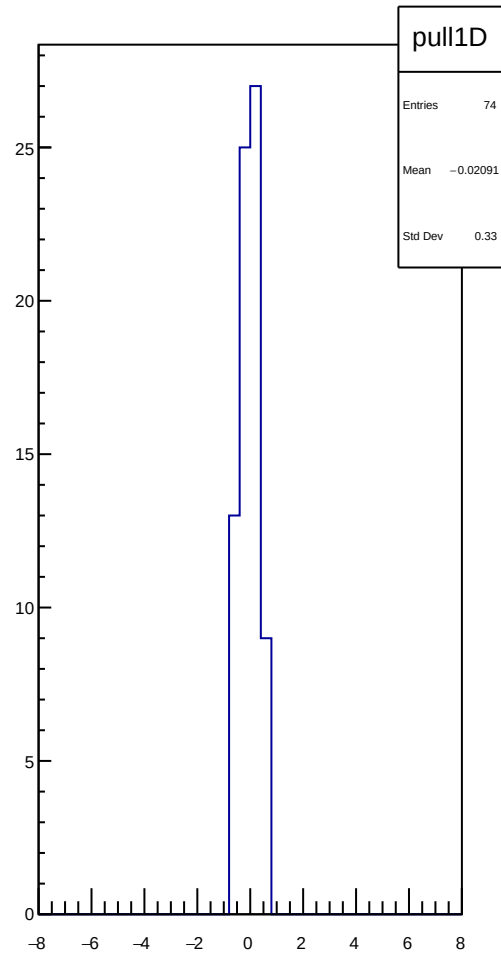
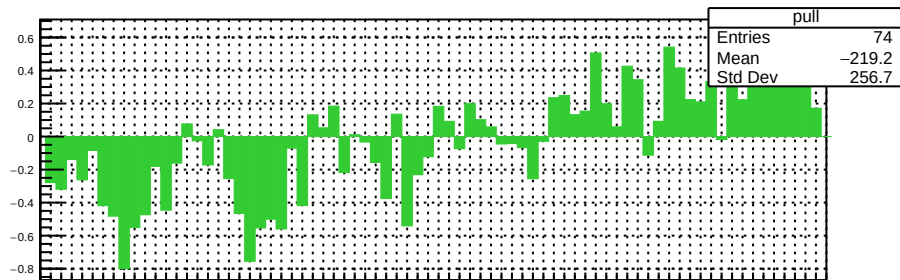
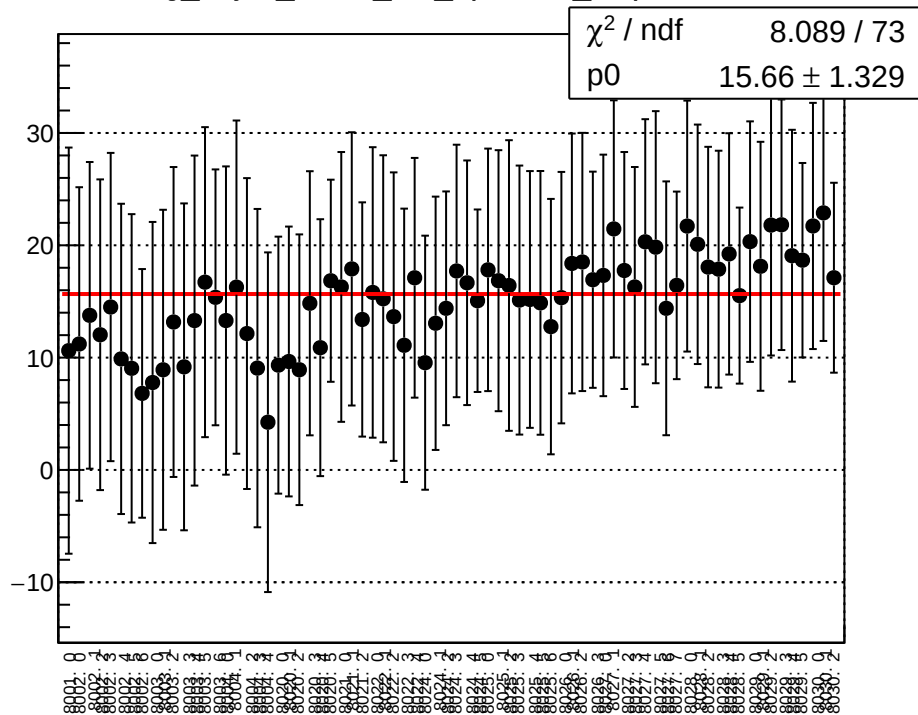
reg\_asym\_sam6\_diff\_bpm12X\_slope vs run



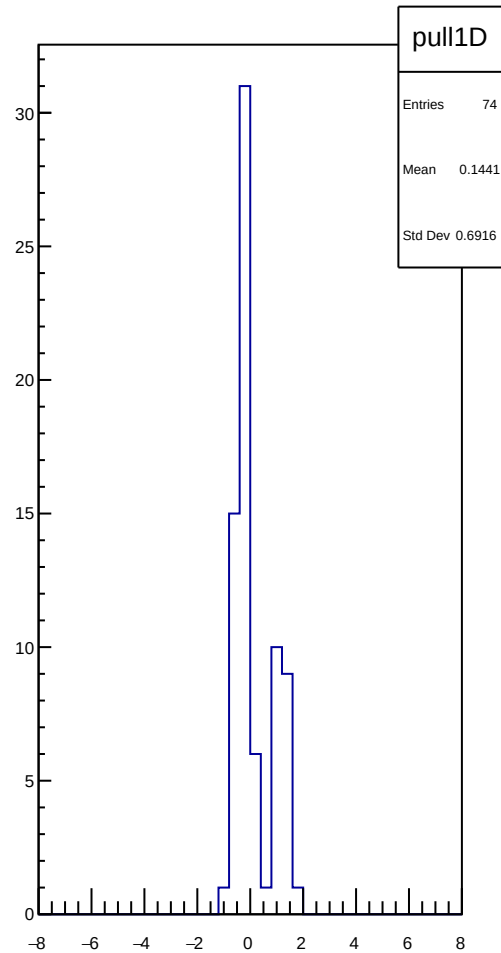
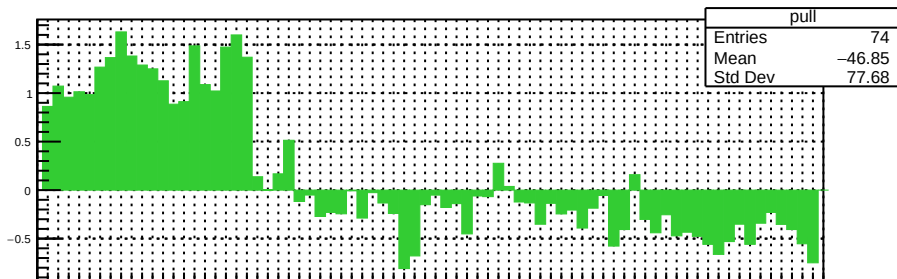
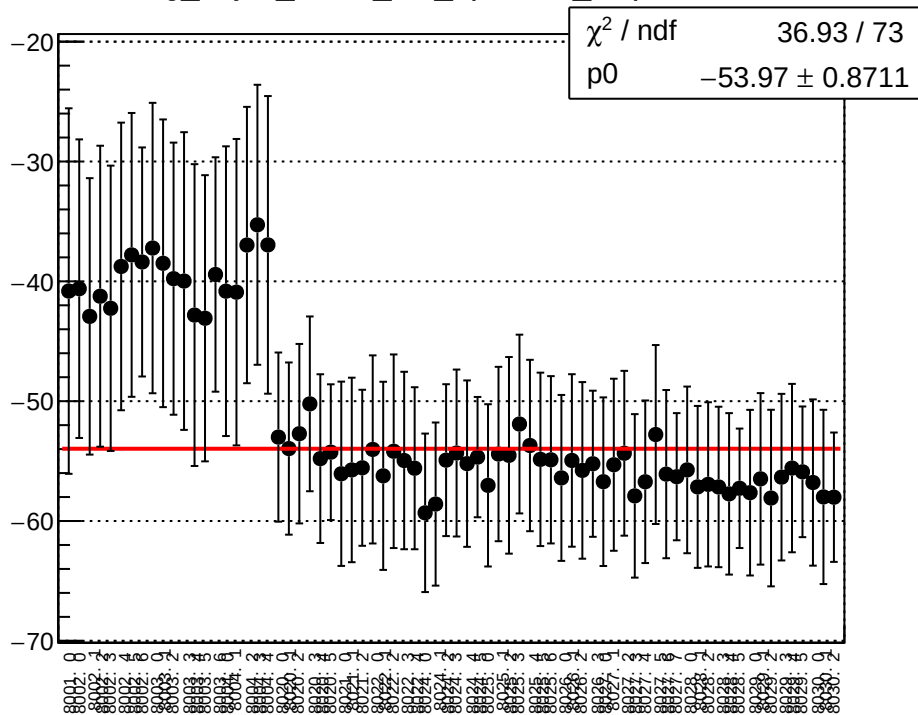
# reg\_asym\_sam7\_diff\_bpm1X\_slope vs run



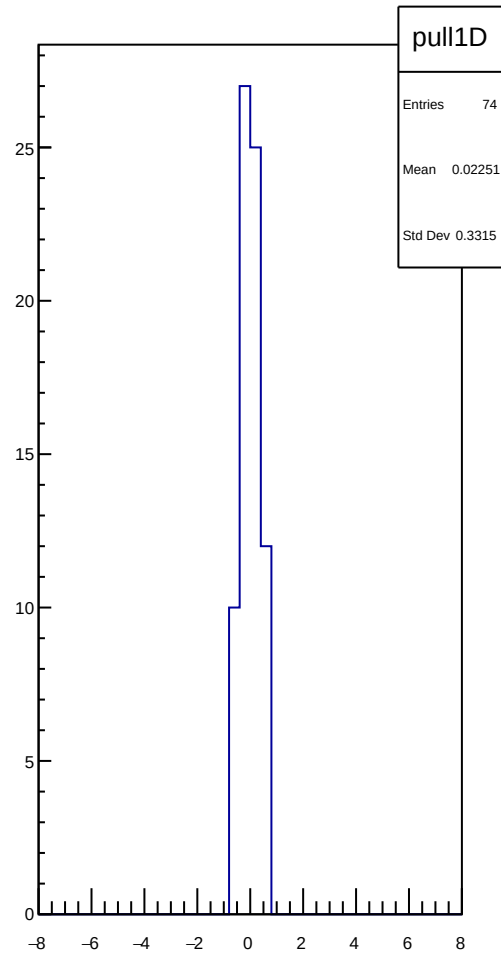
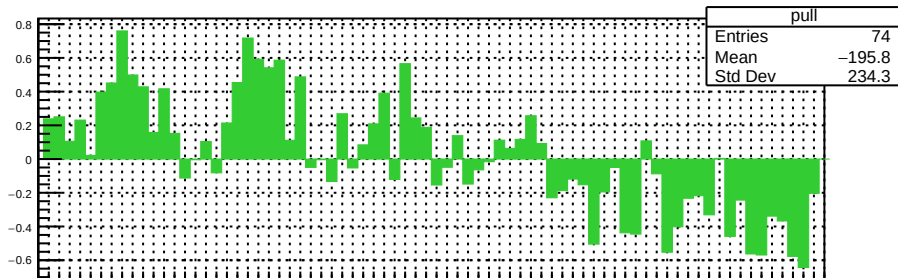
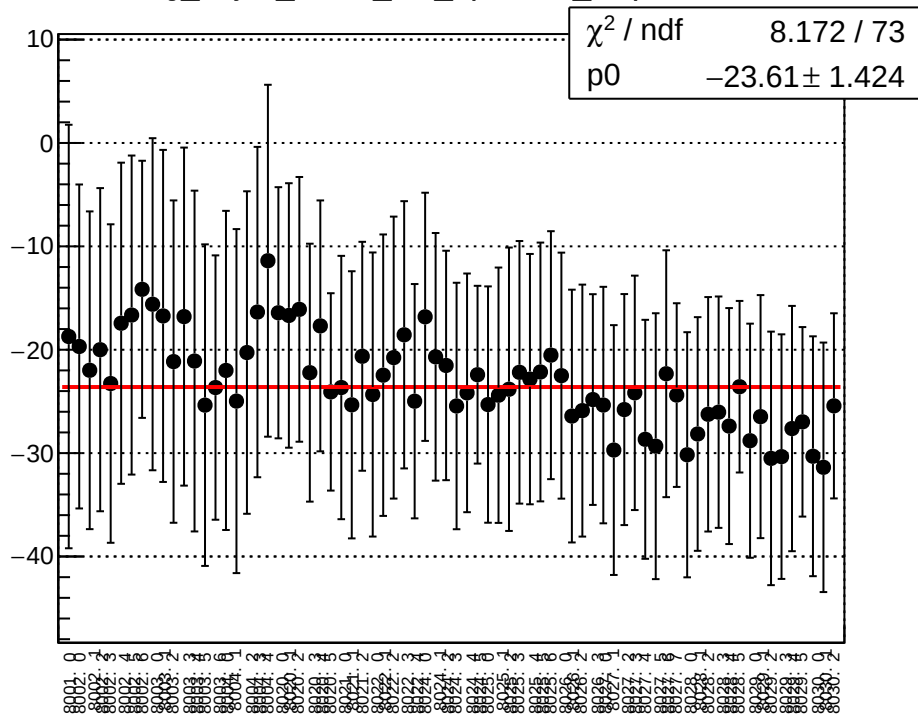
reg\_asym\_sam7\_diff\_bpm4aY\_slope vs run



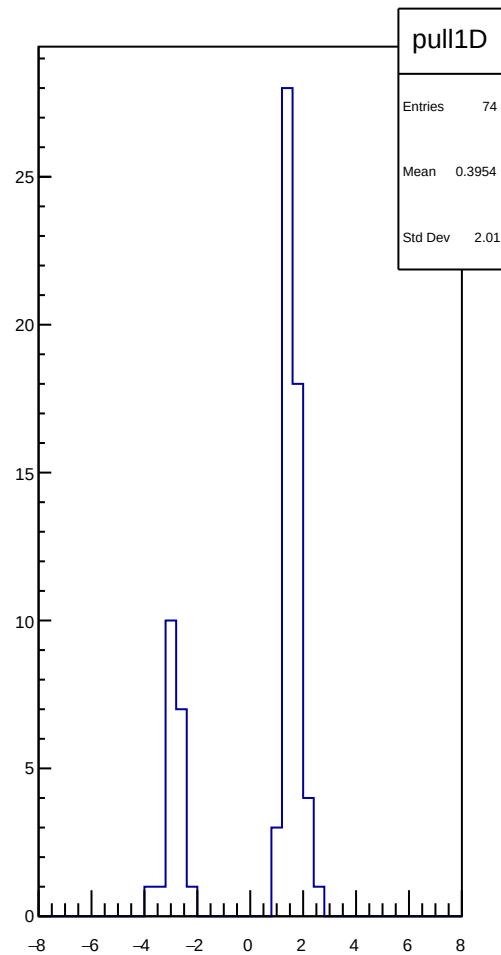
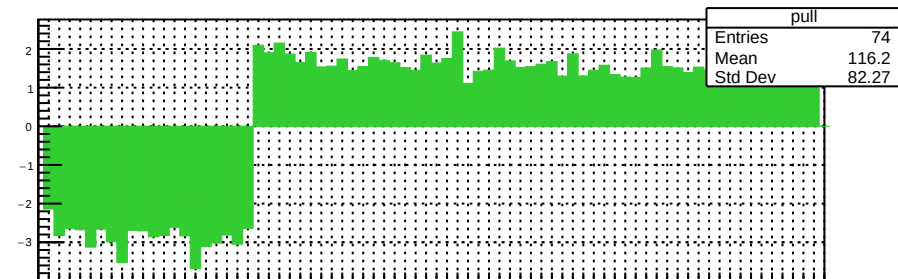
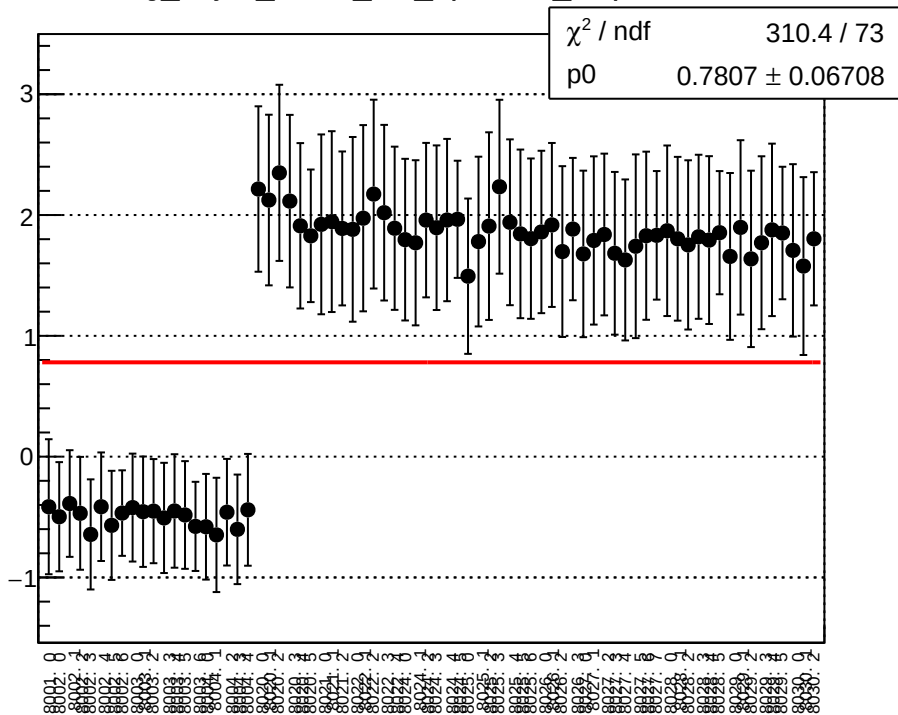
reg\_asym\_sam7\_diff\_bpm4eX\_slope vs run



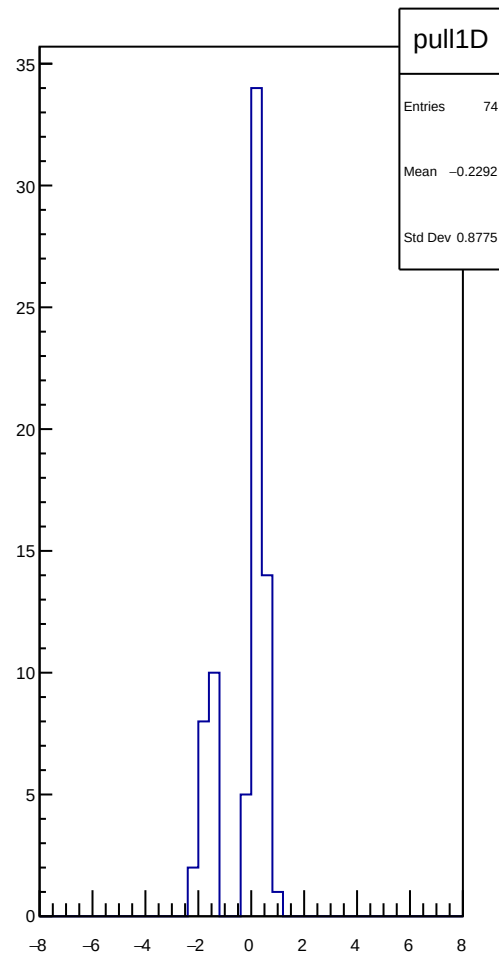
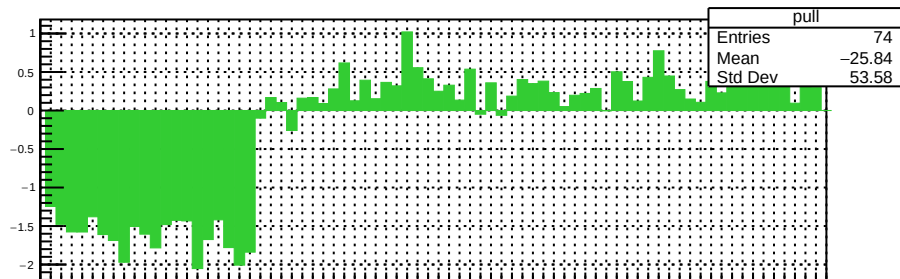
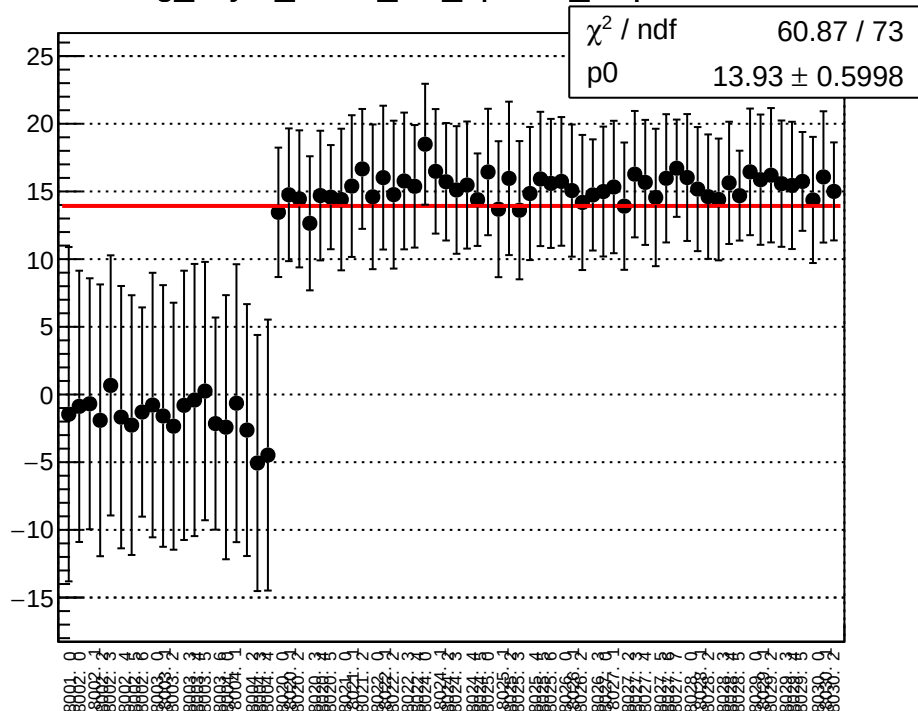
reg\_asym\_sam7\_diff\_bpm4eY\_slope vs run



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

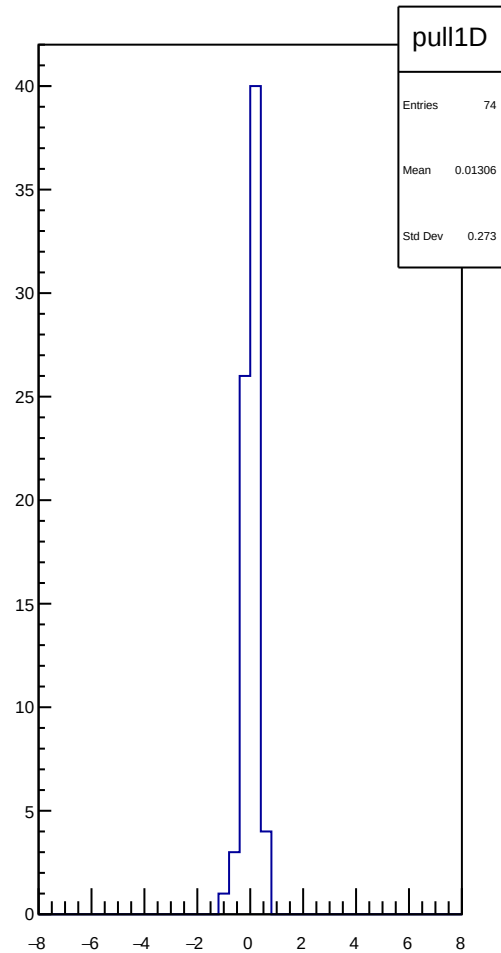
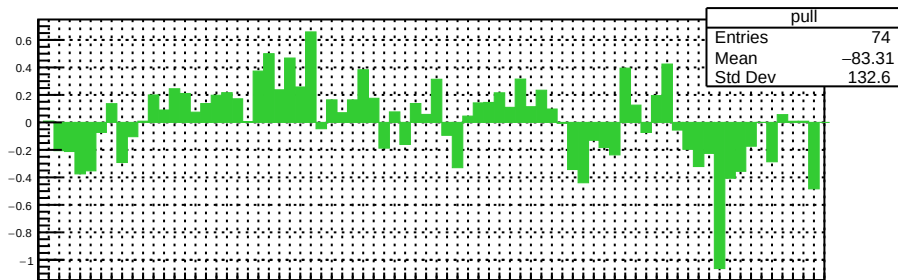
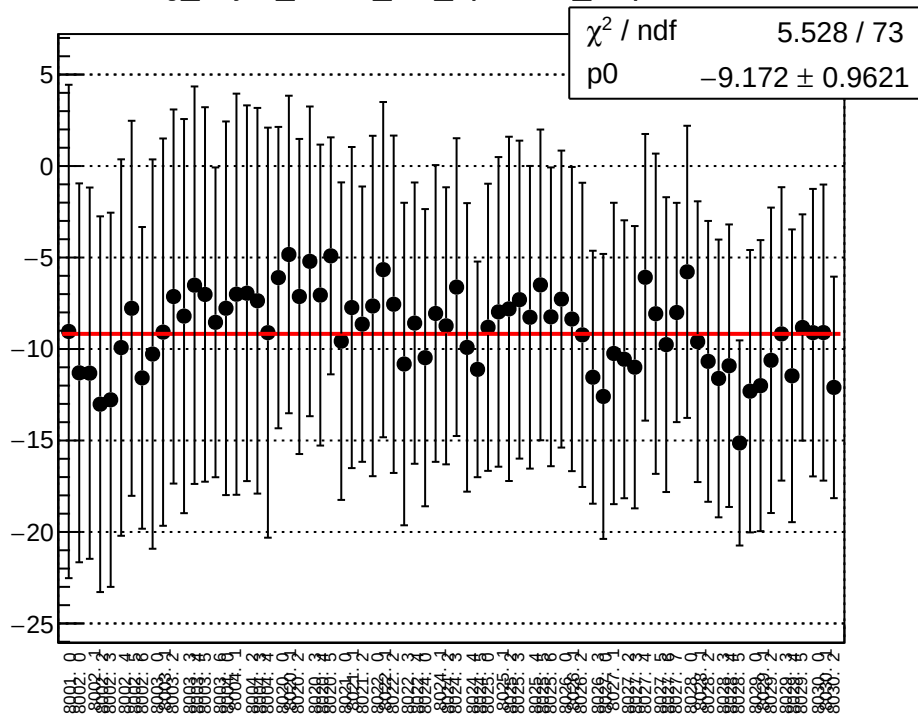


# reg\_asym\_sam8\_diff\_bpm1X\_slope vs run

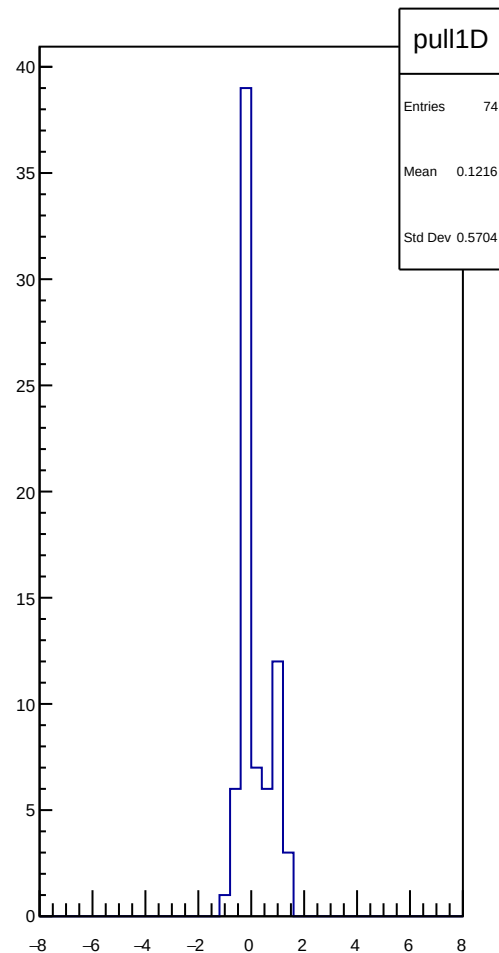
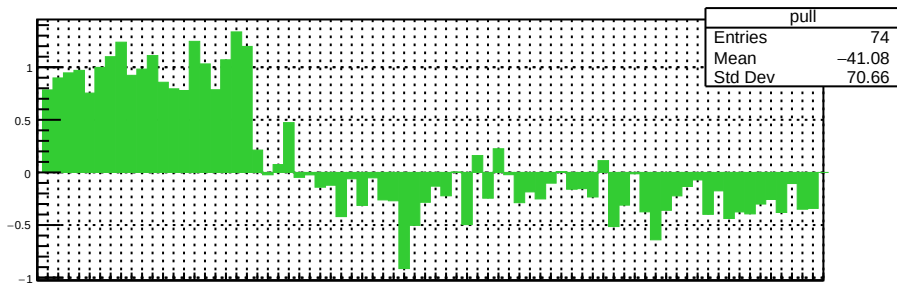
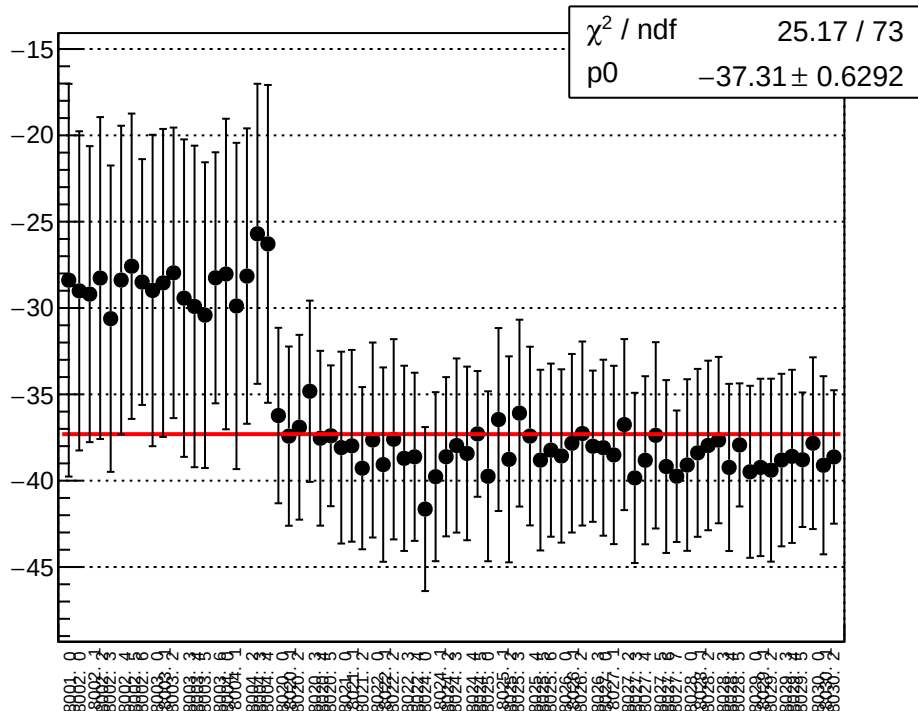




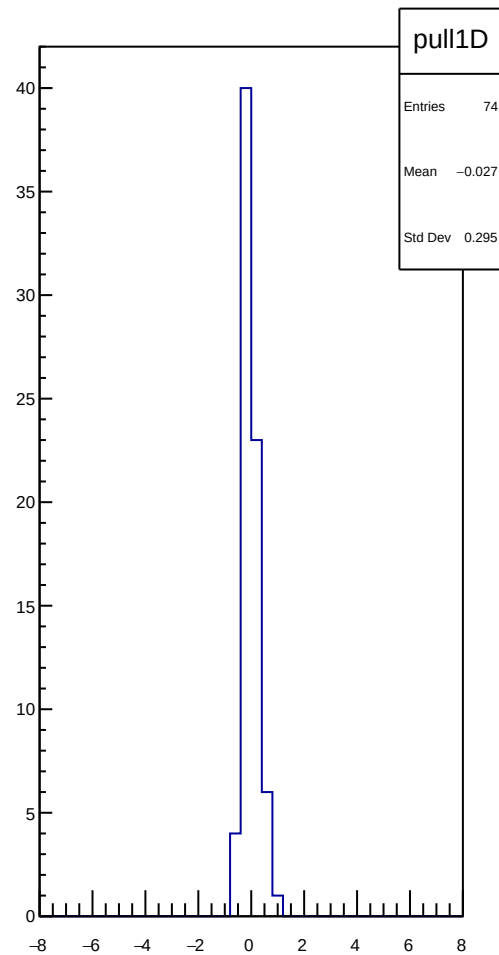
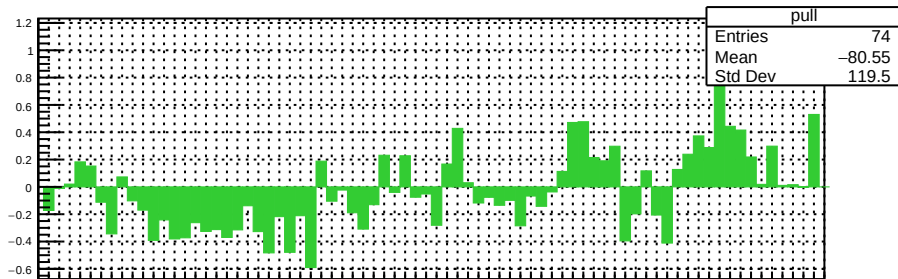
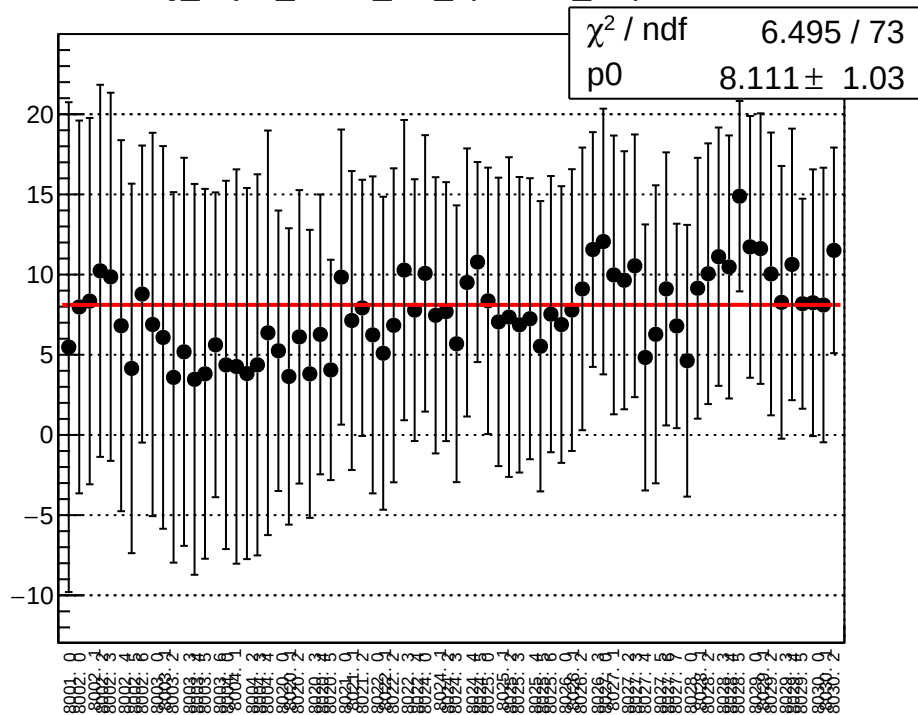
reg\_asym\_sam8\_diff\_bpm4aY\_slope vs run



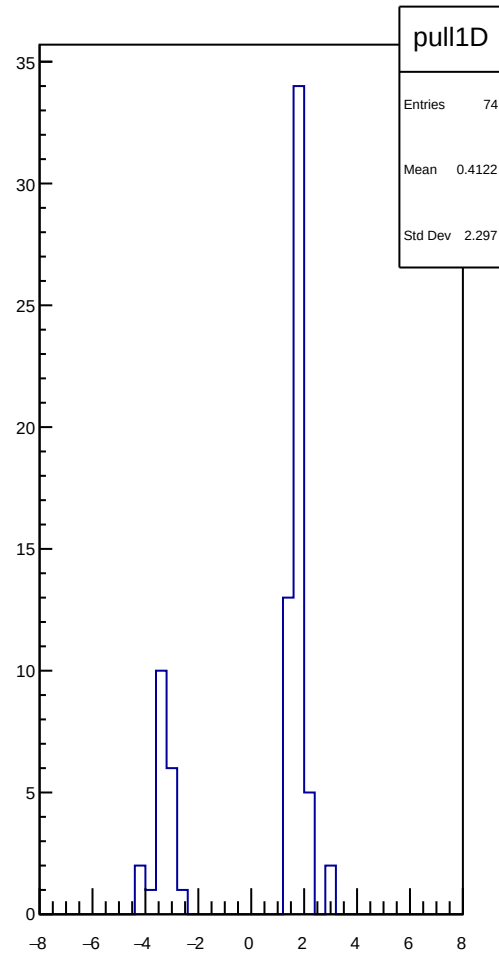
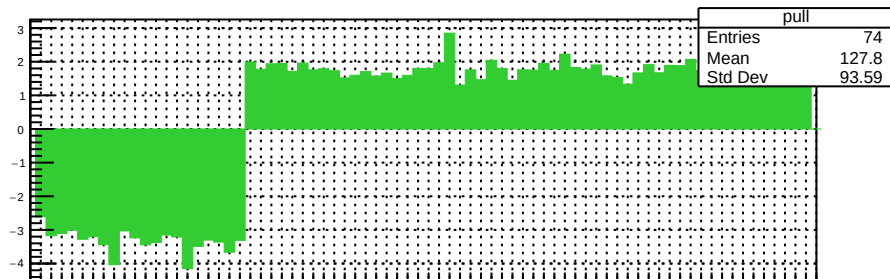
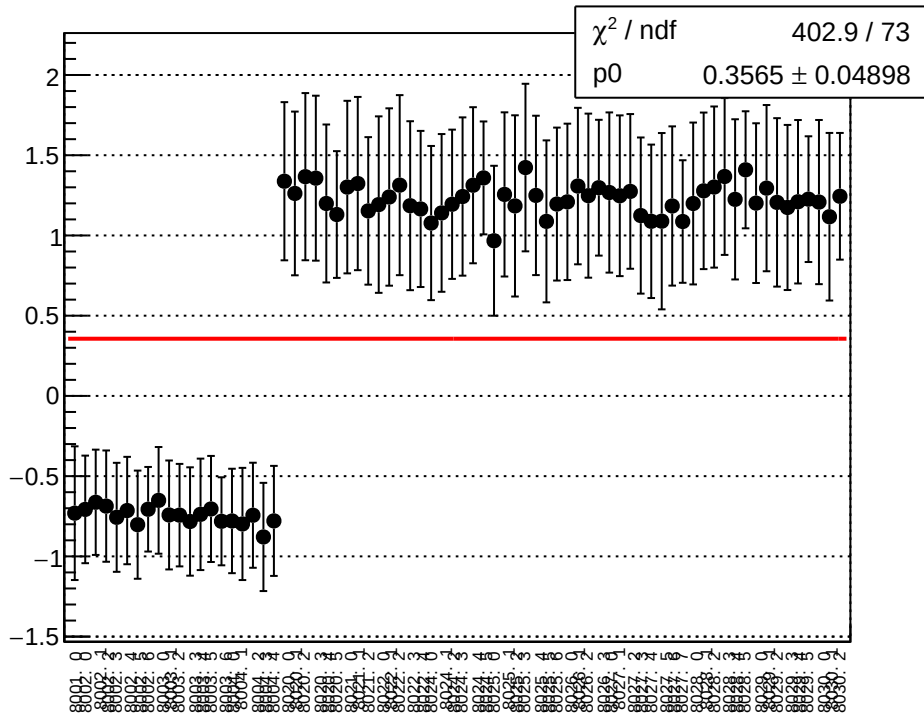
reg\_asym\_sam8\_diff\_bpm4eX\_slope vs run



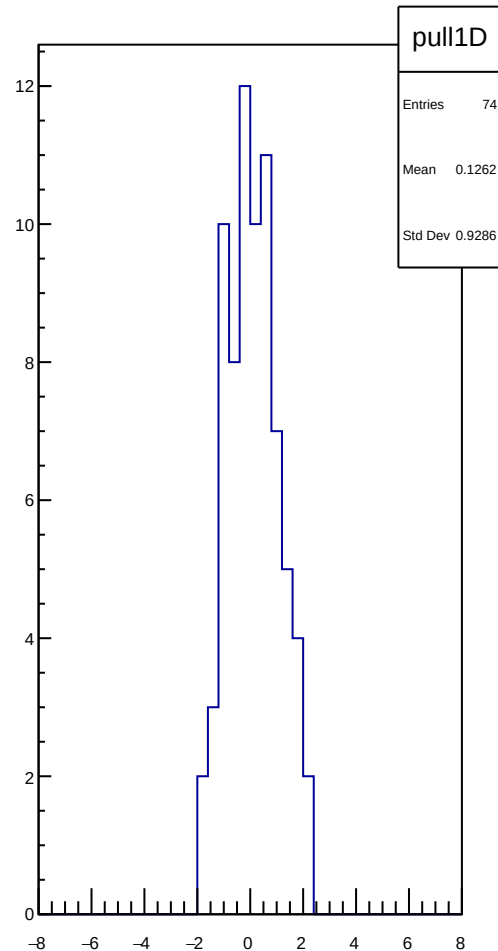
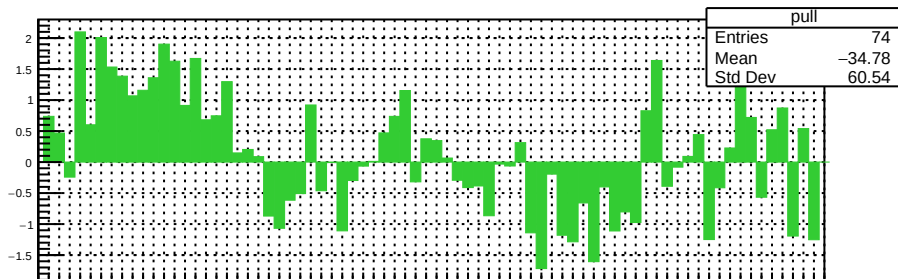
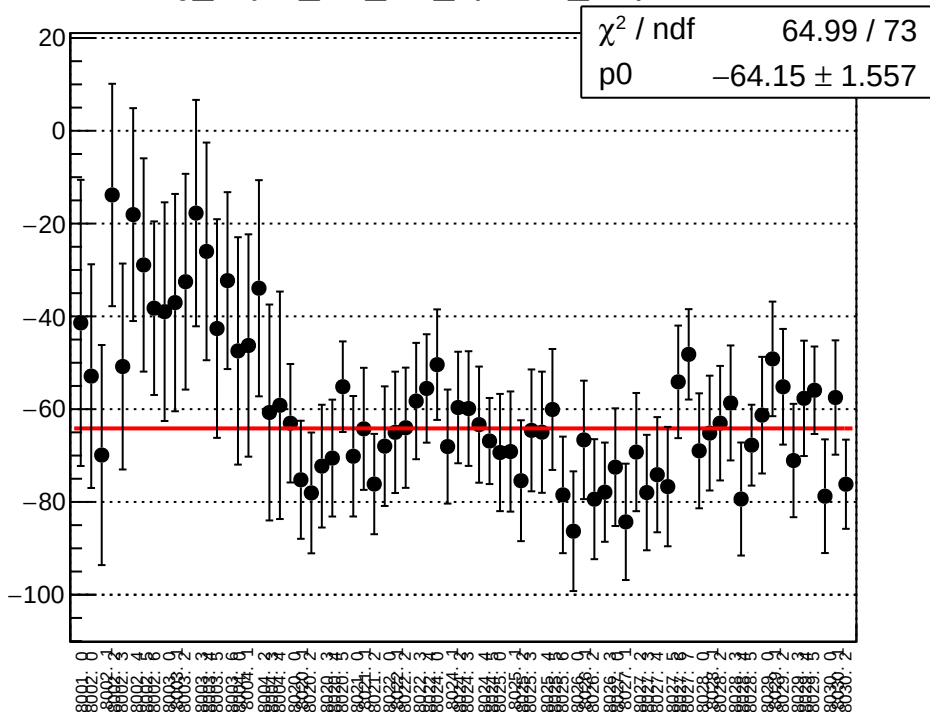
reg\_asym\_sam8\_diff\_bpm4eY\_slope vs run



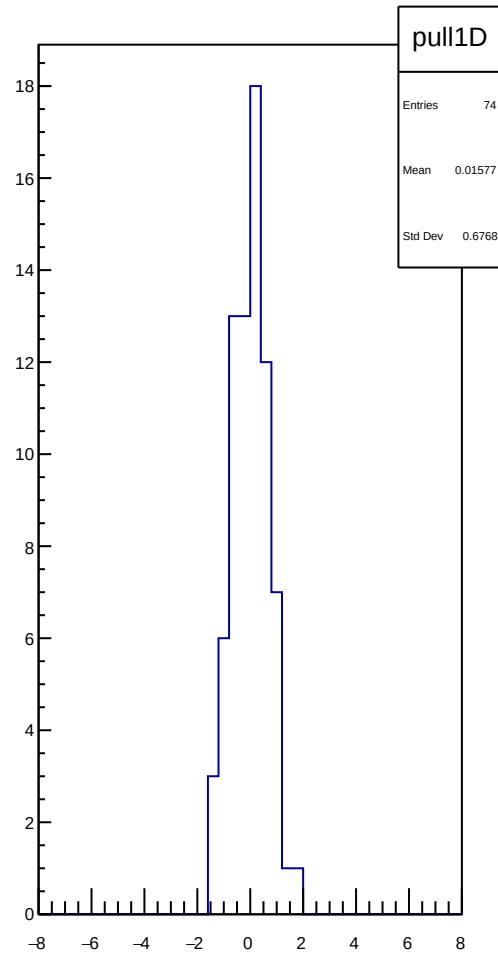
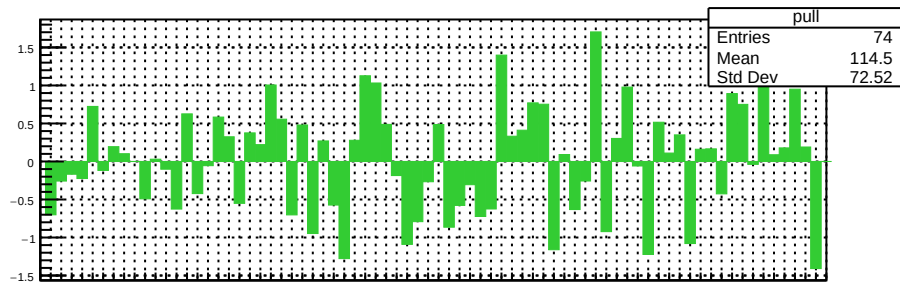
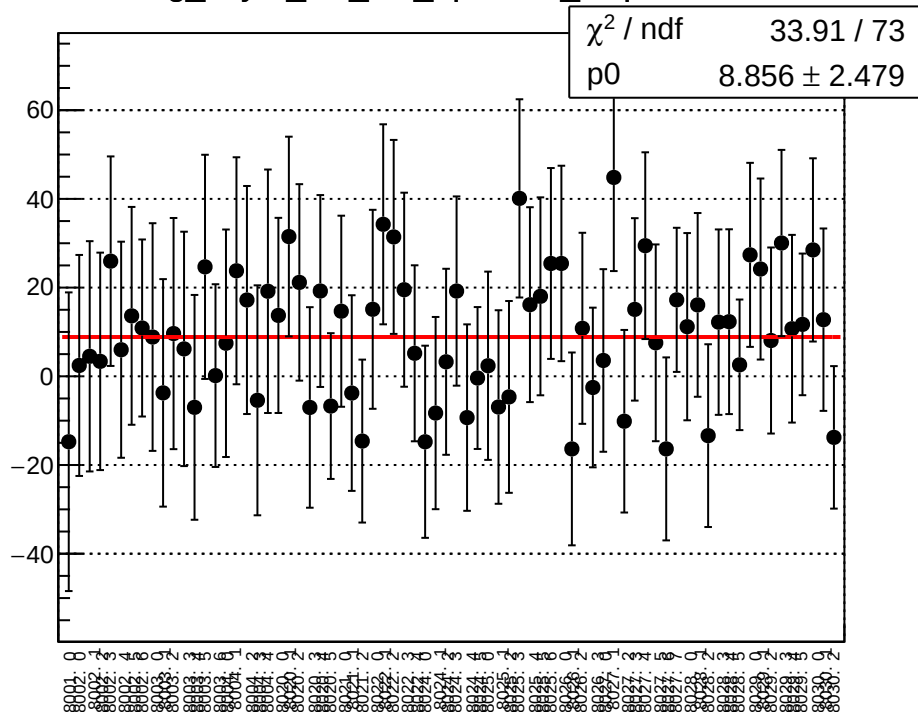
reg\_asym\_sam8\_diff\_bpm12X\_slope vs run



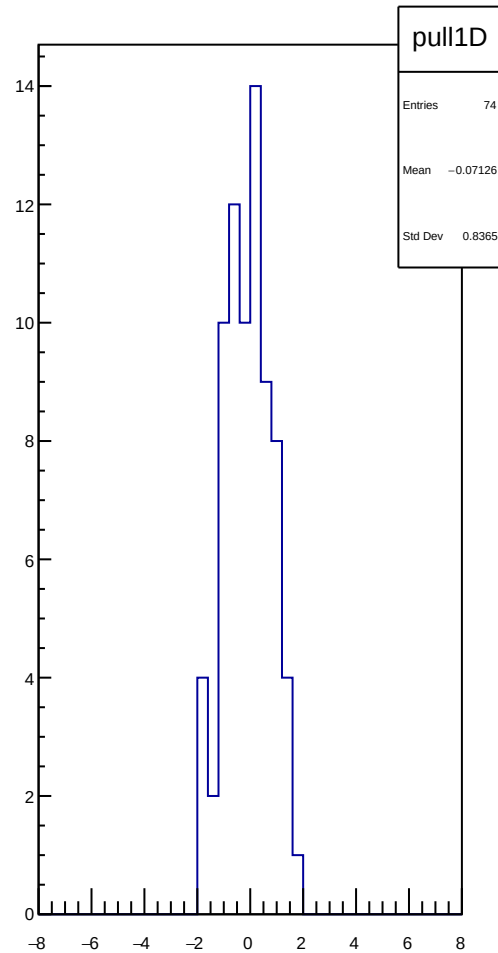
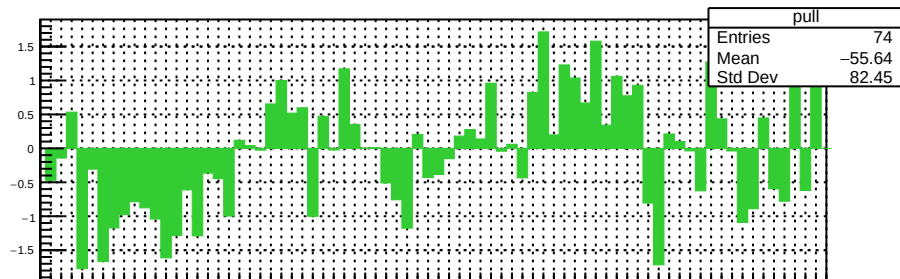
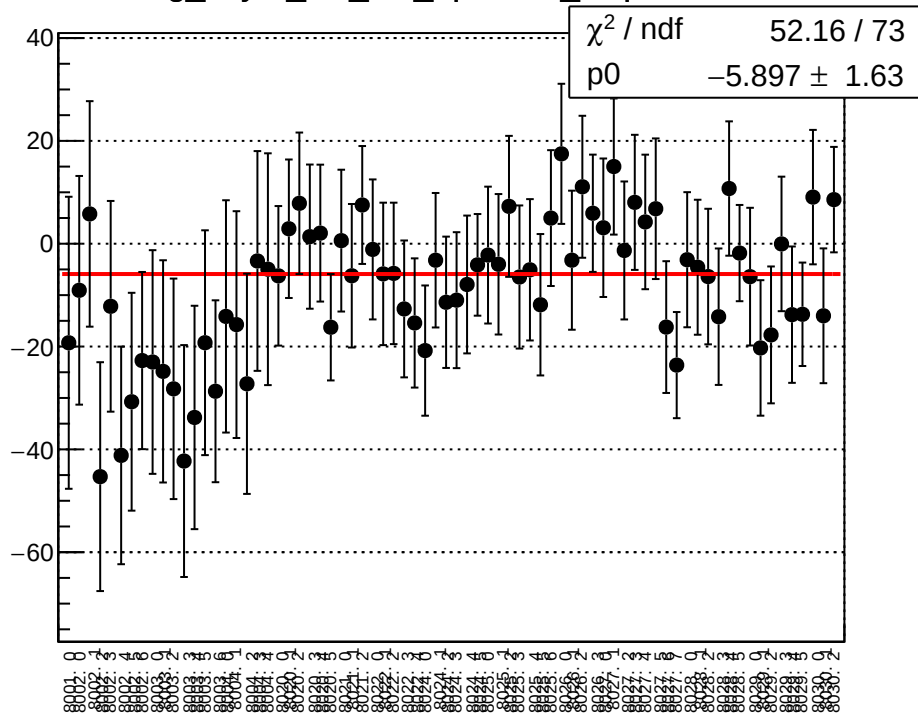
reg\_asym\_usl\_diff\_bpm1X\_slope vs run



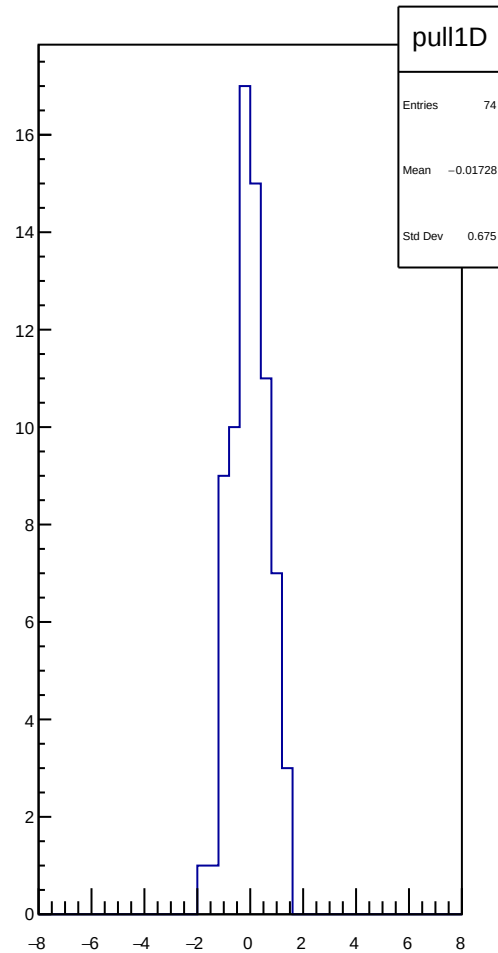
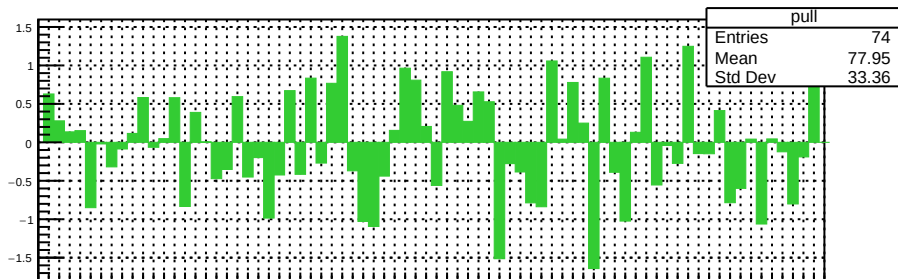
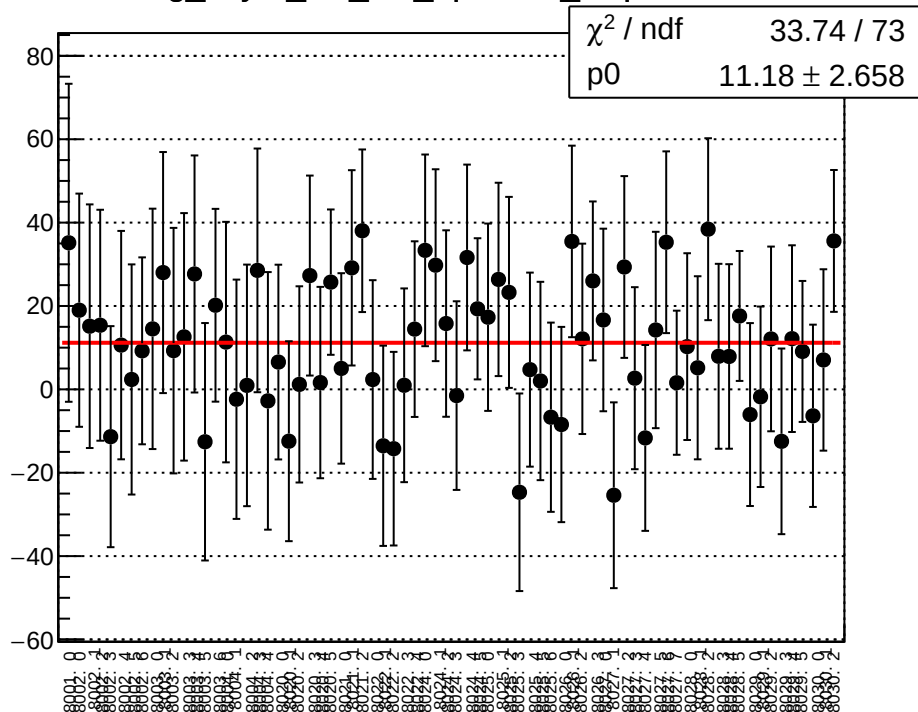
reg\_asym\_usl\_diff\_bpm4aY\_slope vs run



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

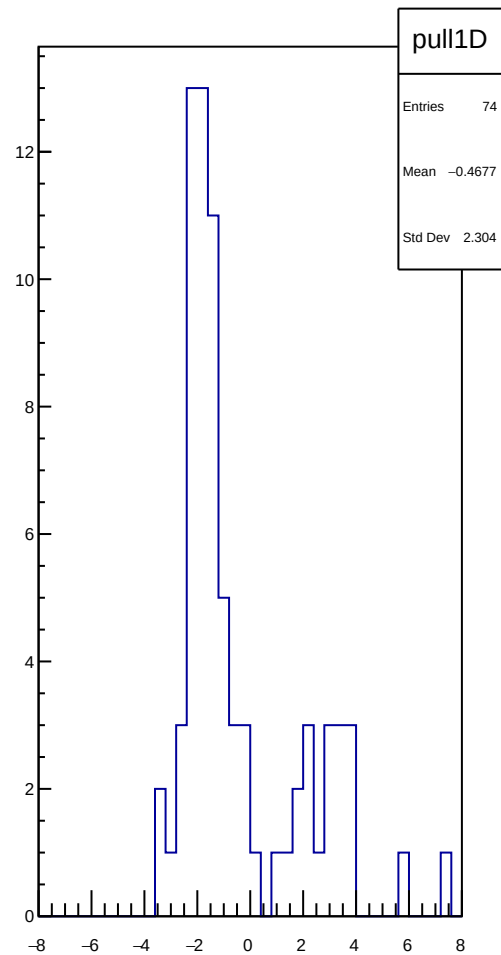
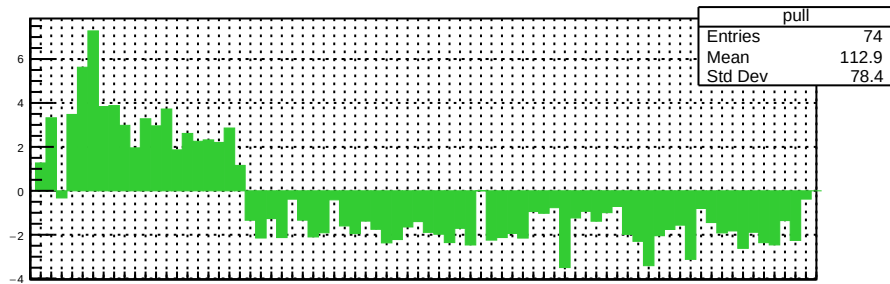
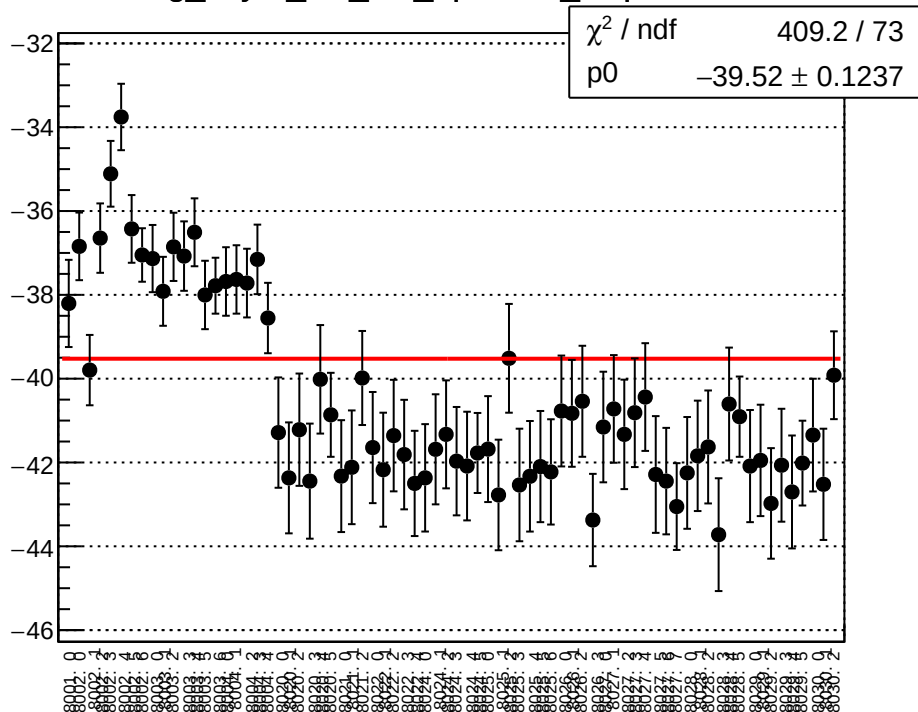


reg\_asym\_usl\_diff\_bpm4eY\_slope vs run

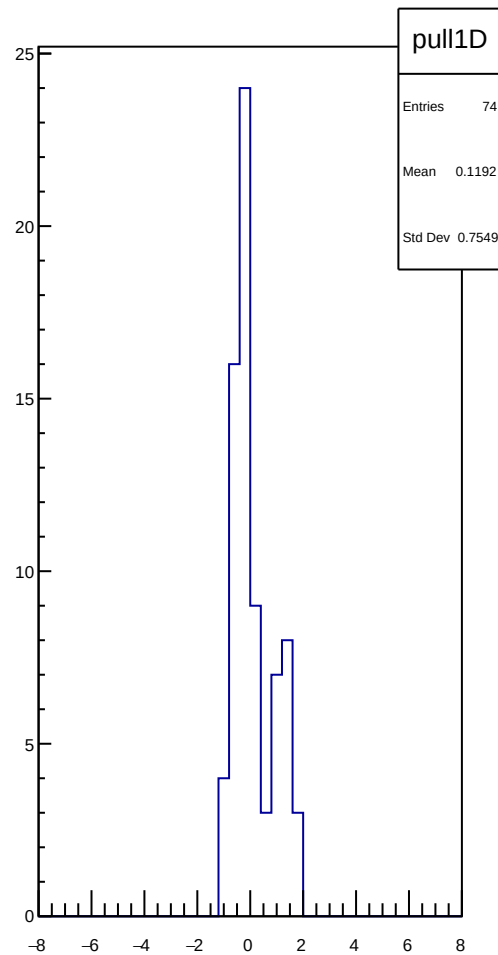
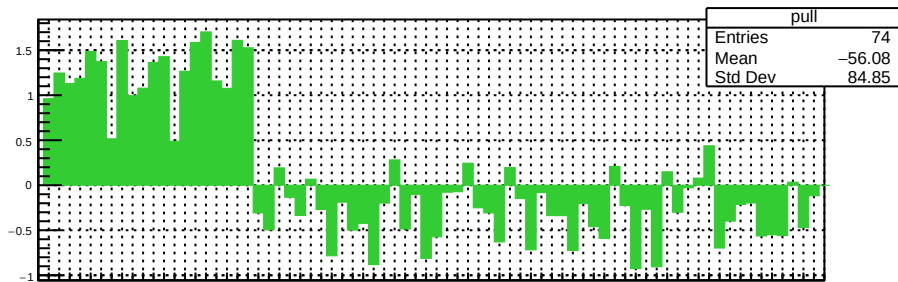
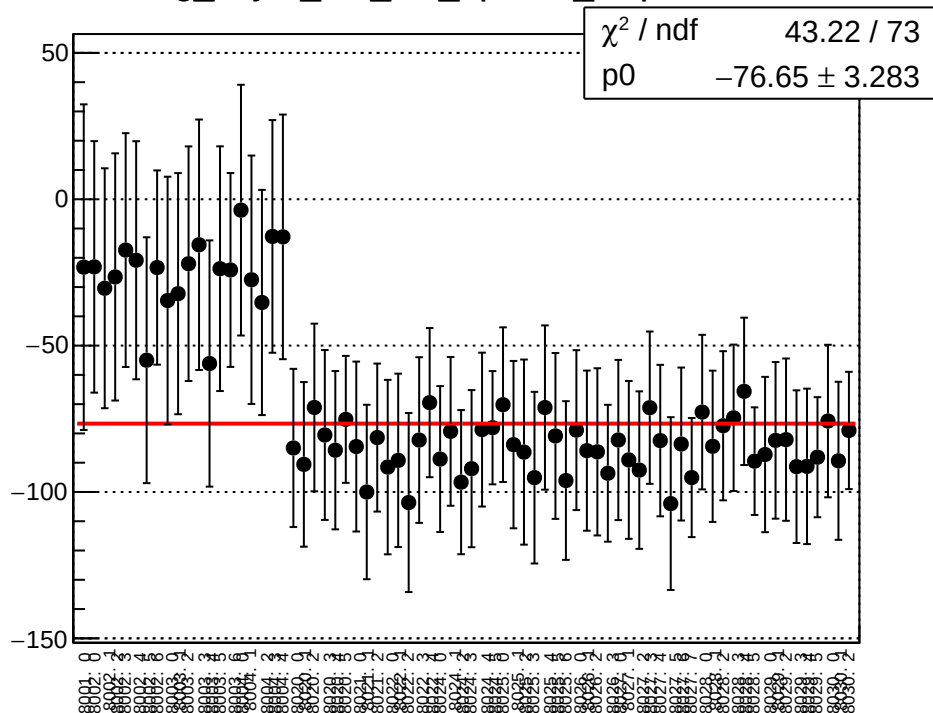




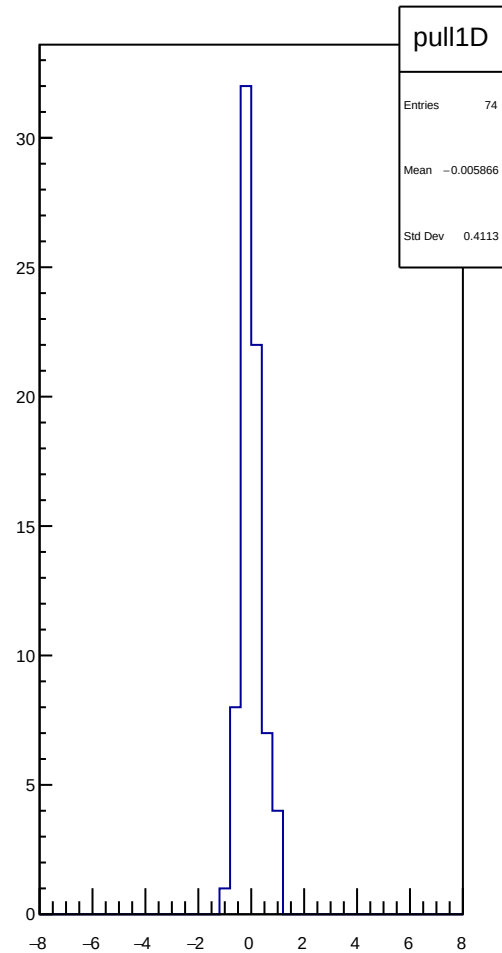
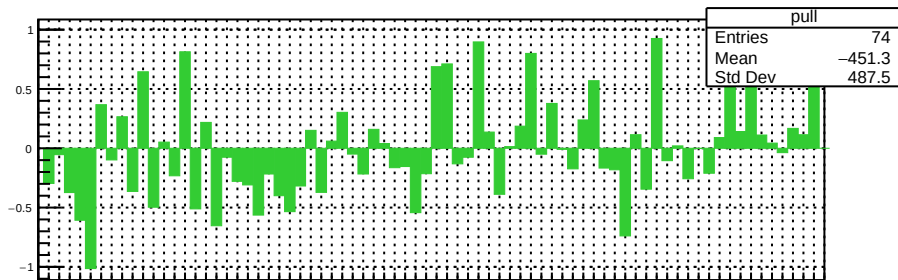
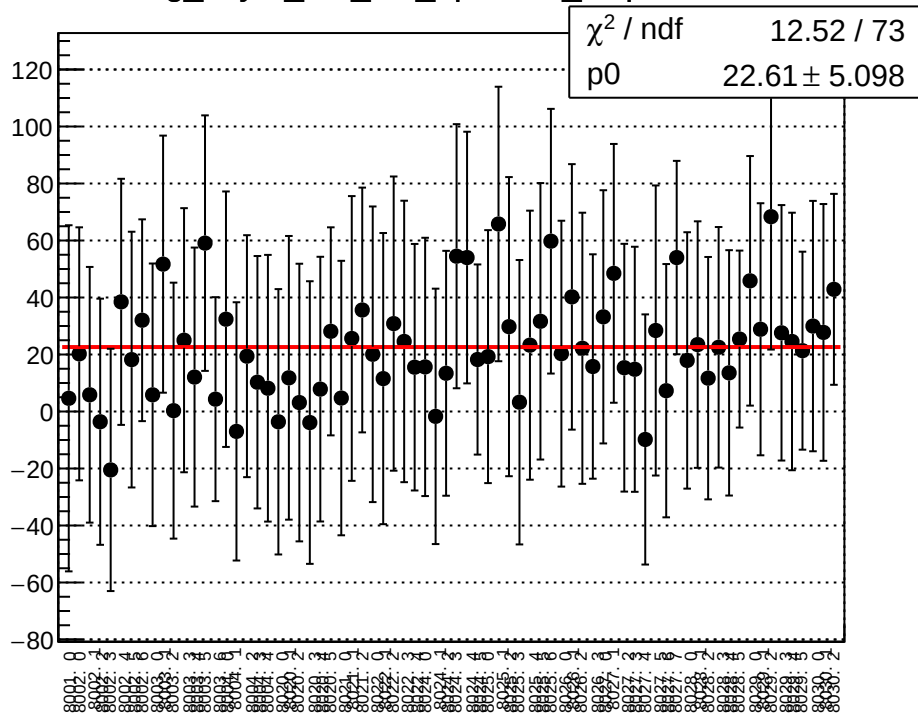
reg\_asym\_usl\_diff\_bpm12X\_slope vs run



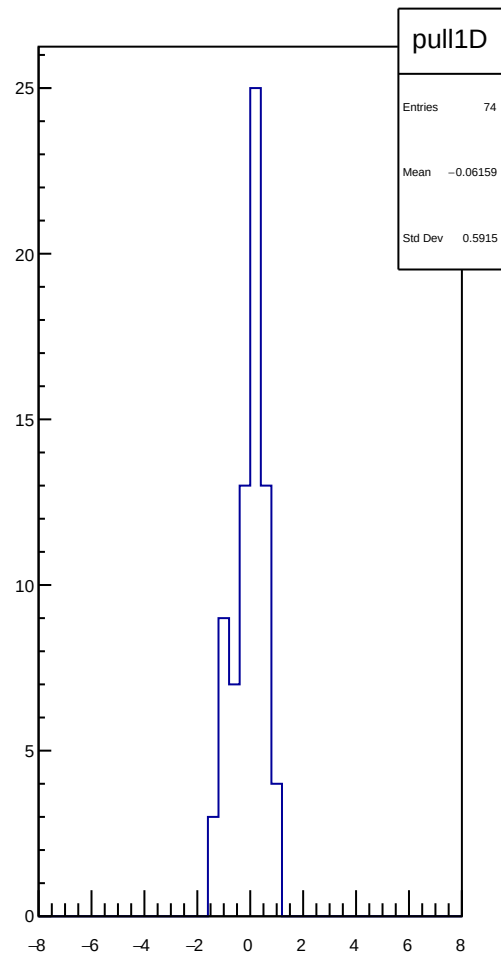
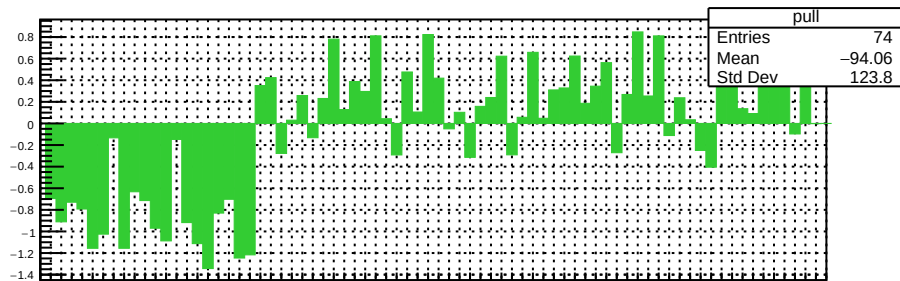
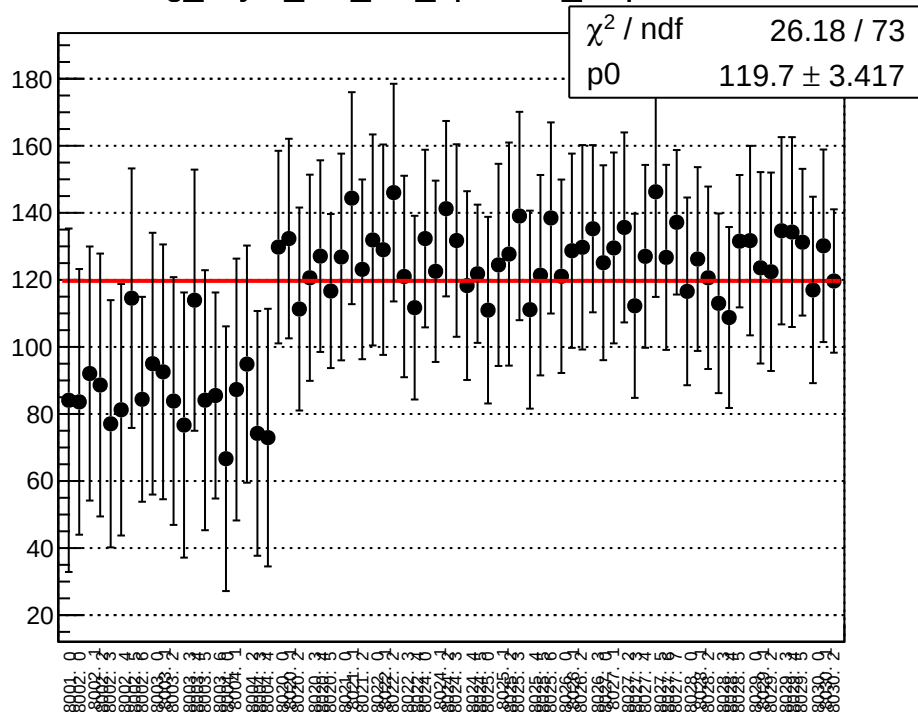
reg\_asym\_usr\_diff\_bpm1X\_slope vs run



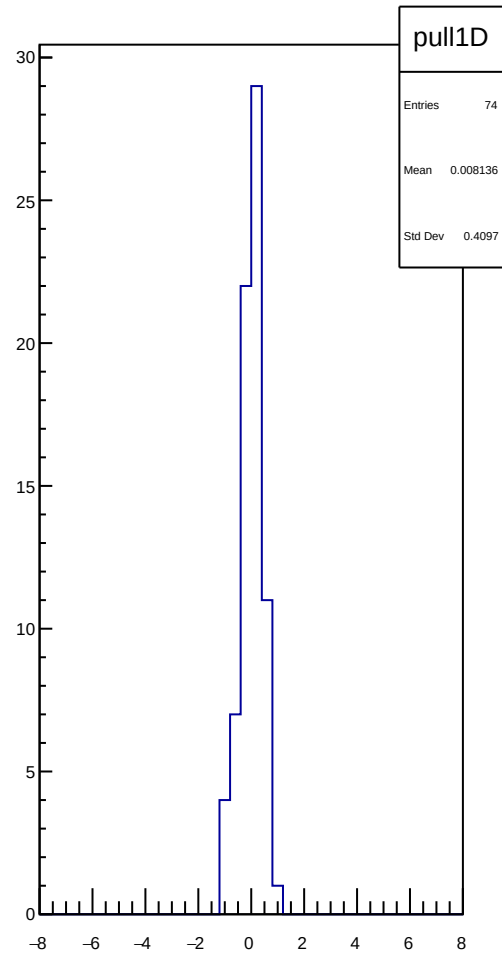
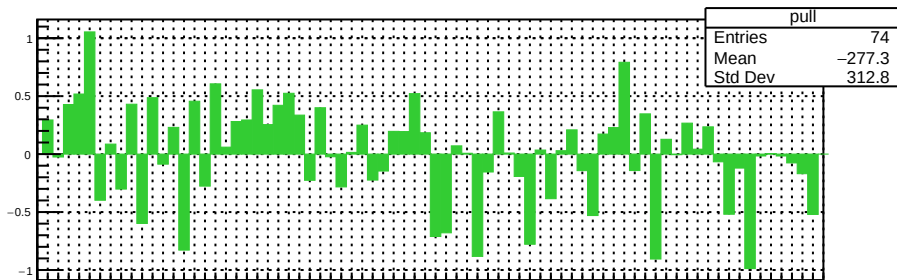
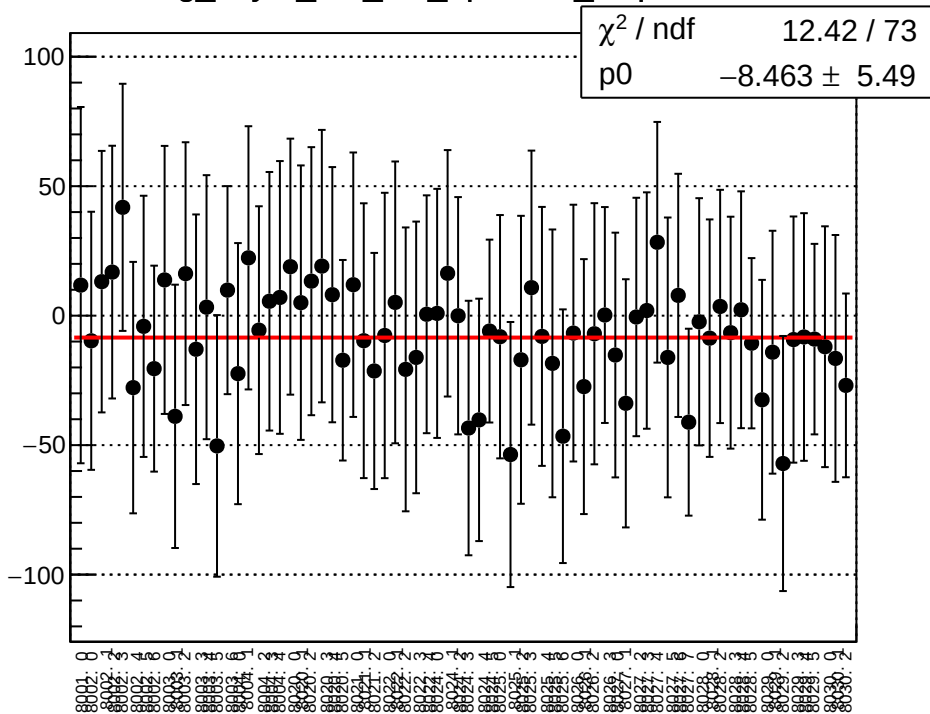
reg\_asym\_usr\_diff\_bpm4aY\_slope vs run



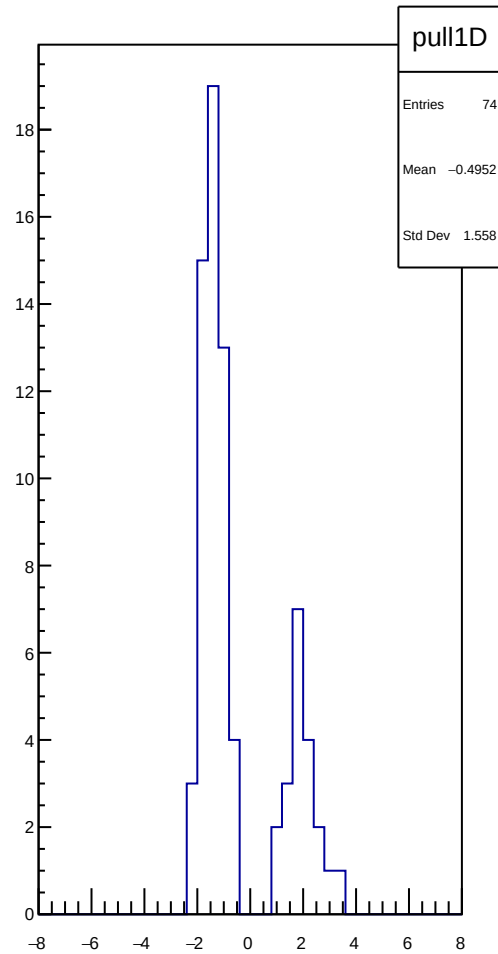
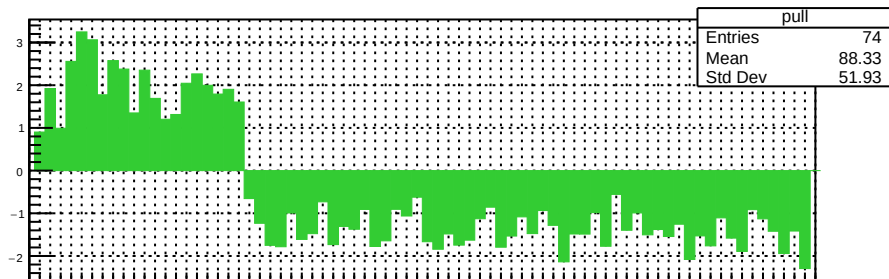
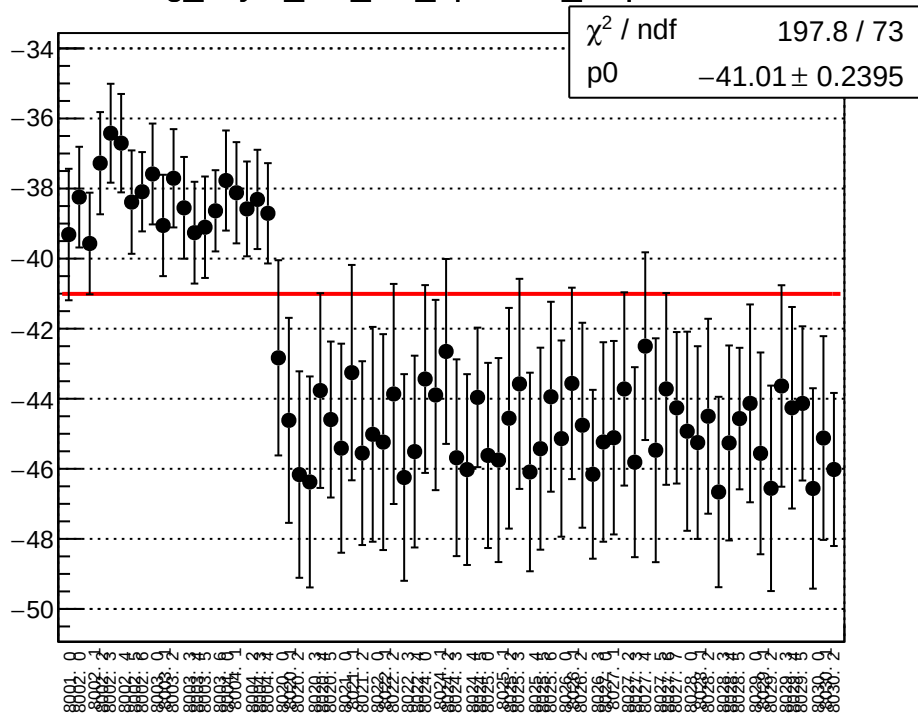
reg\_asym\_usr\_diff\_bpm4eX\_slope vs run



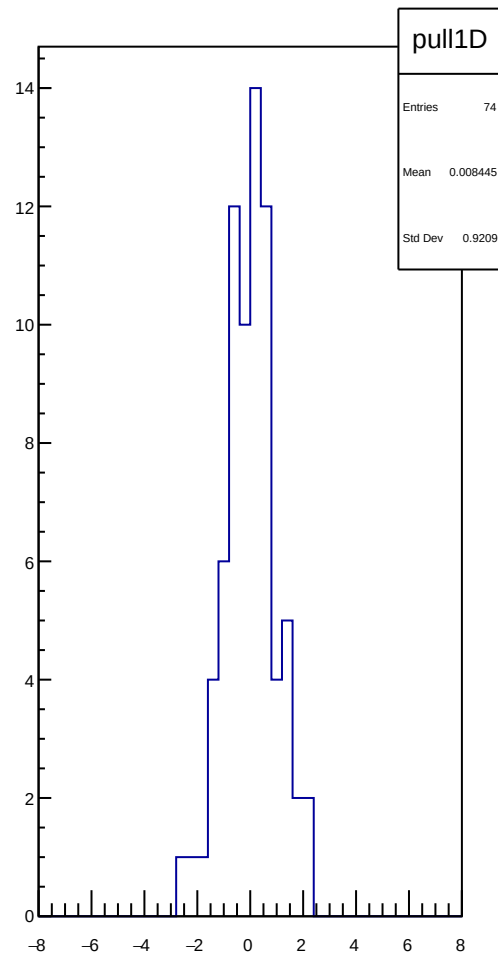
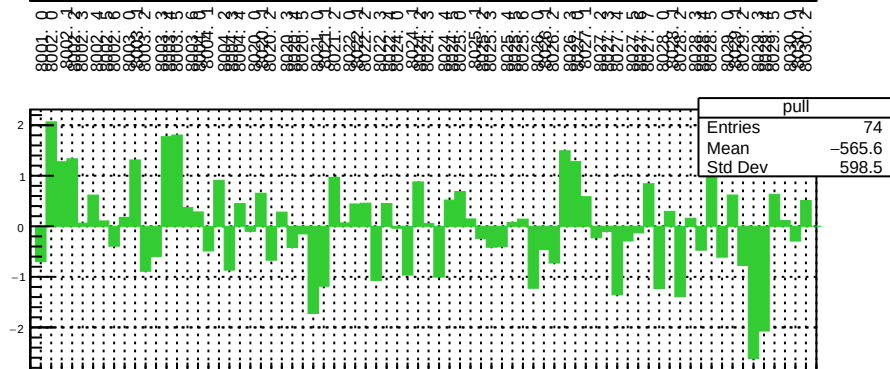
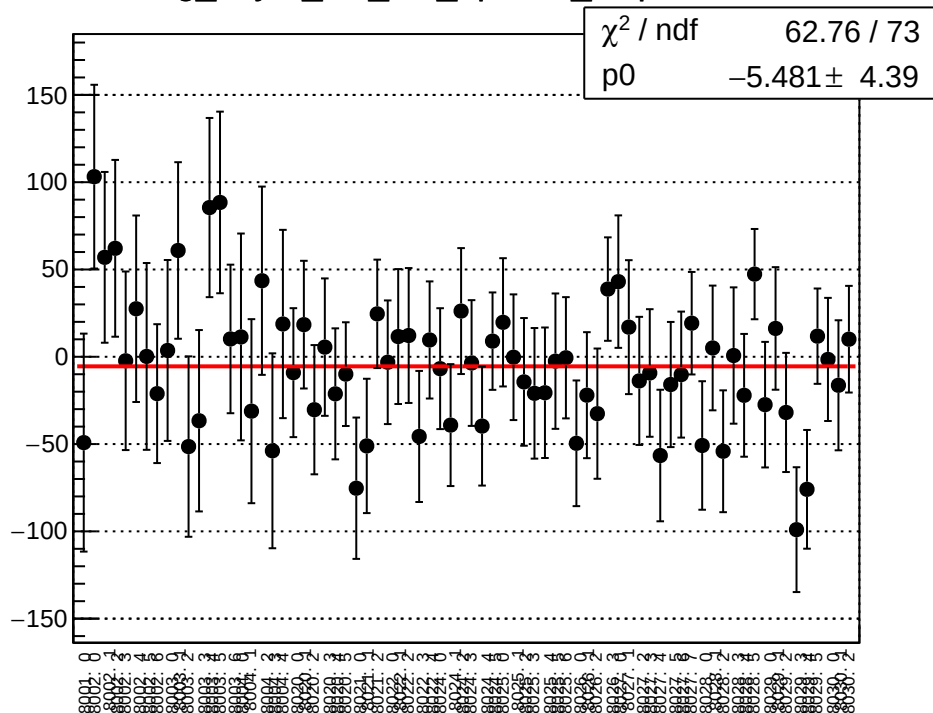
reg\_asym\_usr\_diff\_bpm4eY\_slope vs run



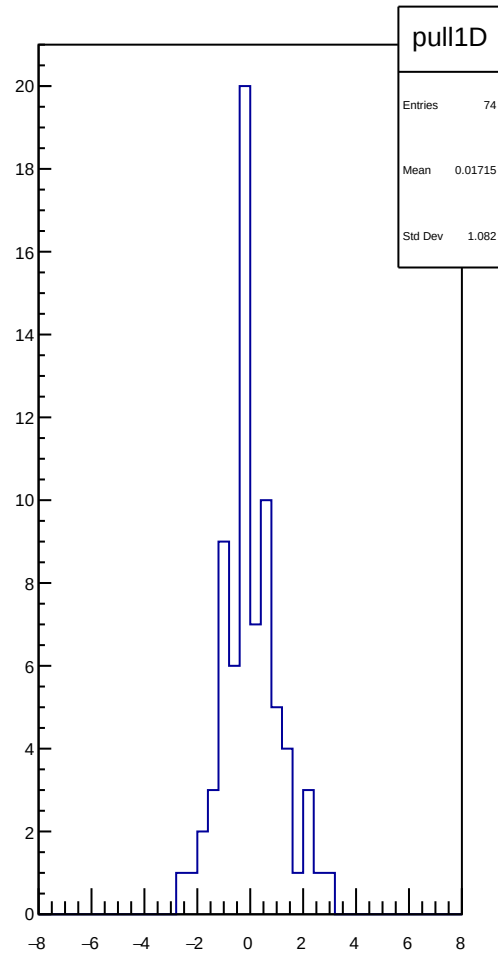
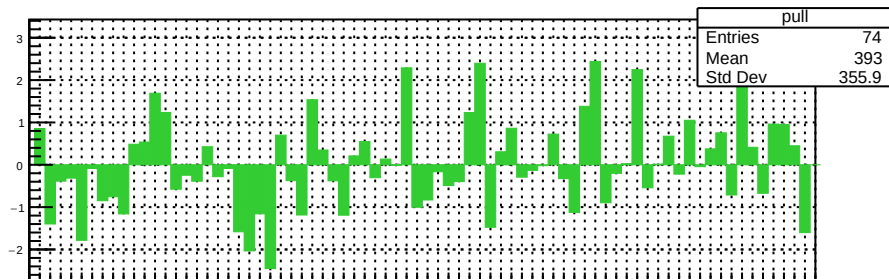
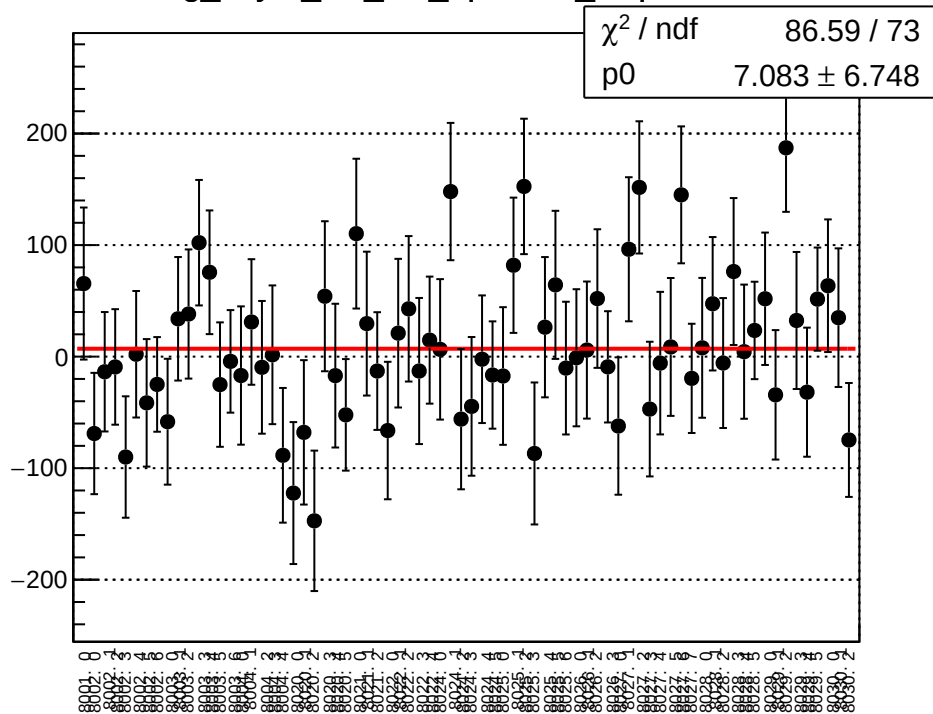
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reg\_asym\_dsl\_diff\_bpm1X\_slope vs run

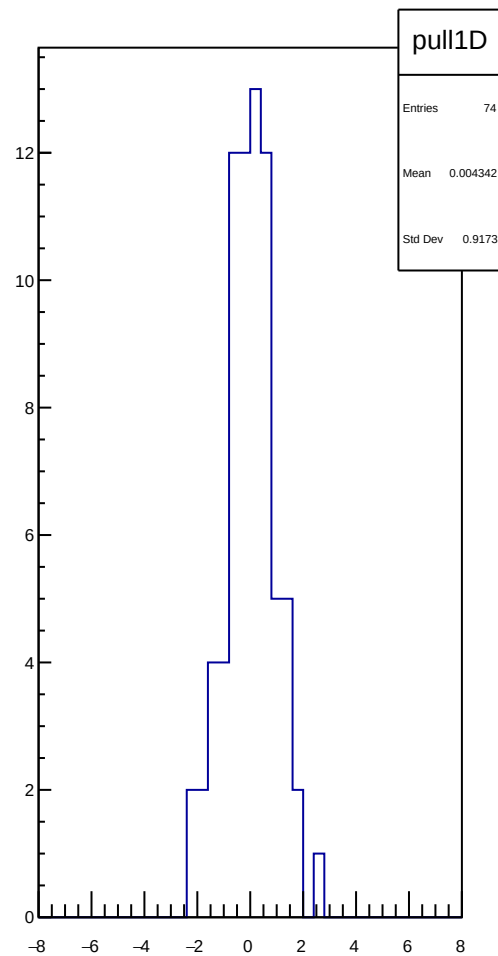
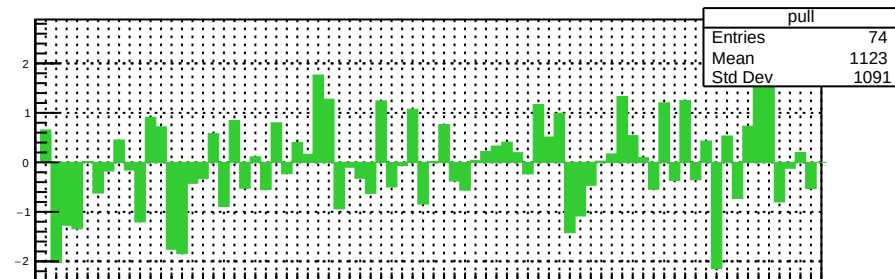
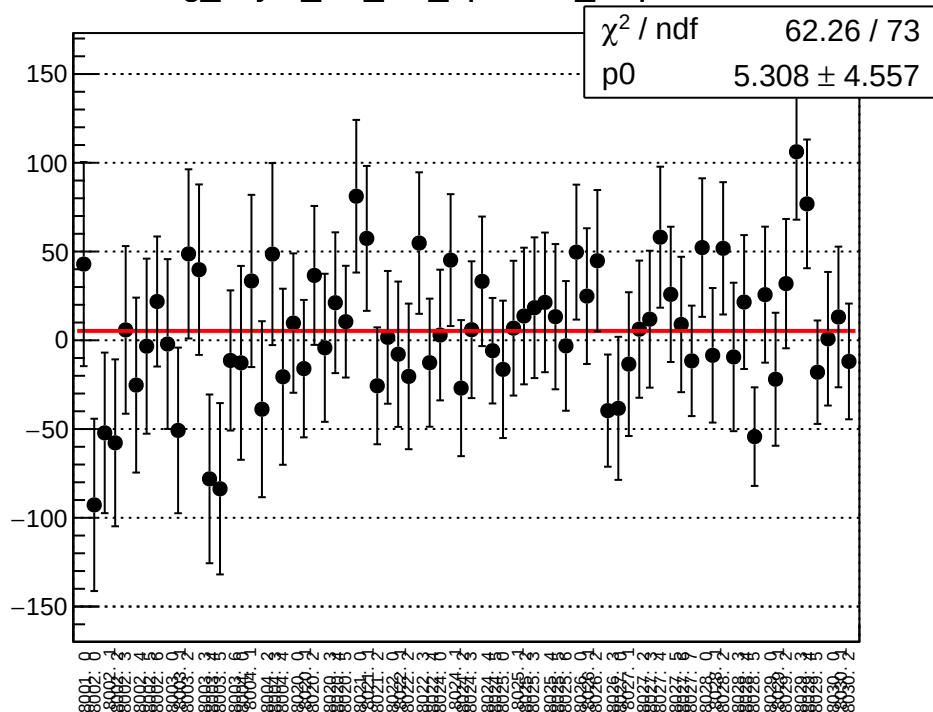


reg\_asym\_dsl\_diff\_bpm4aY\_slope vs run

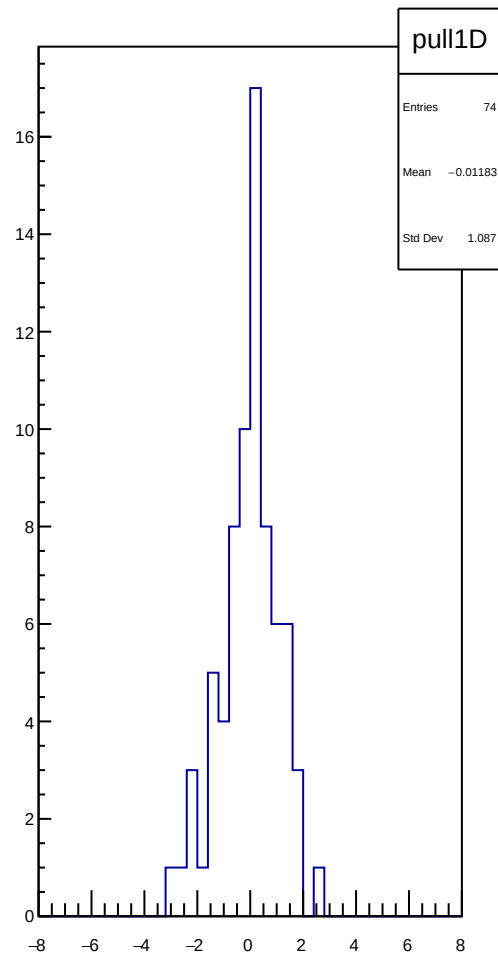
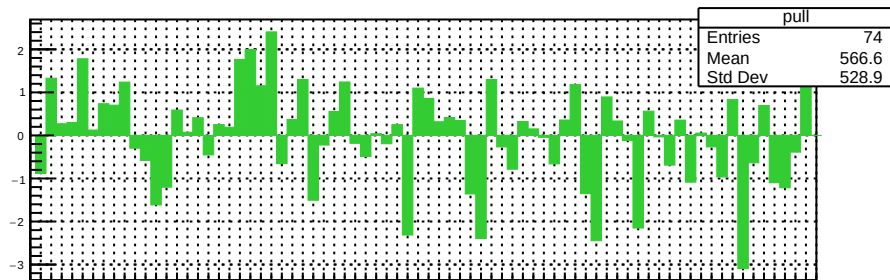
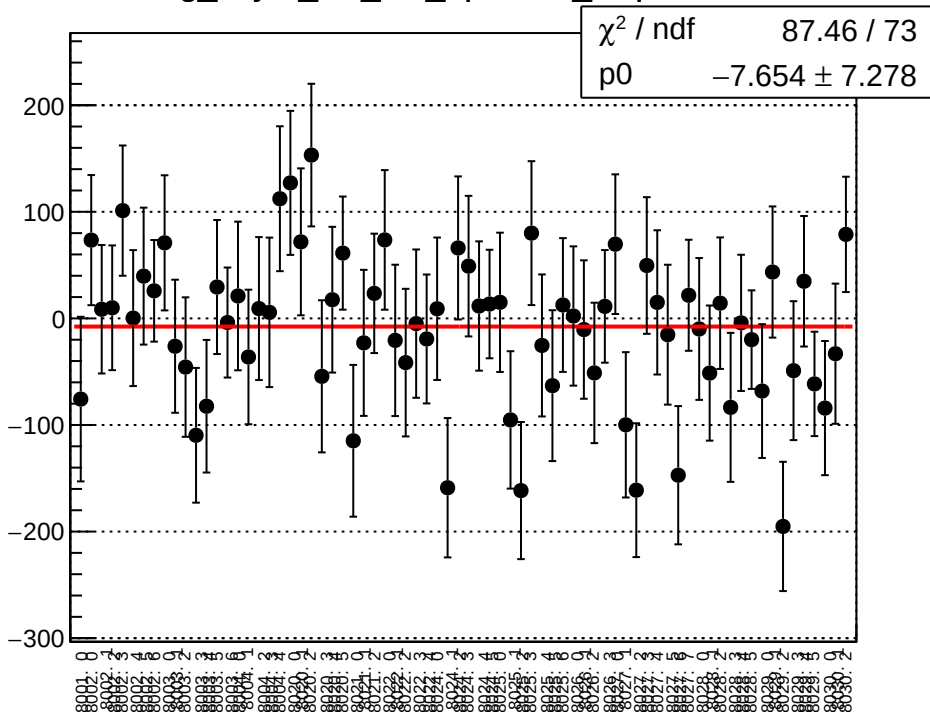




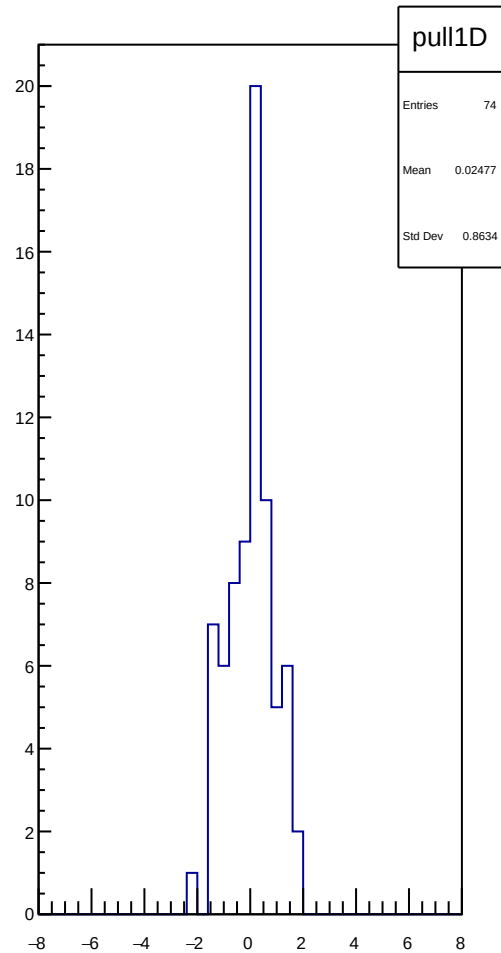
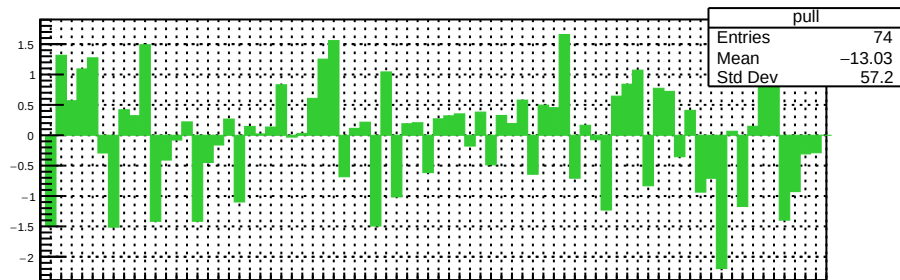
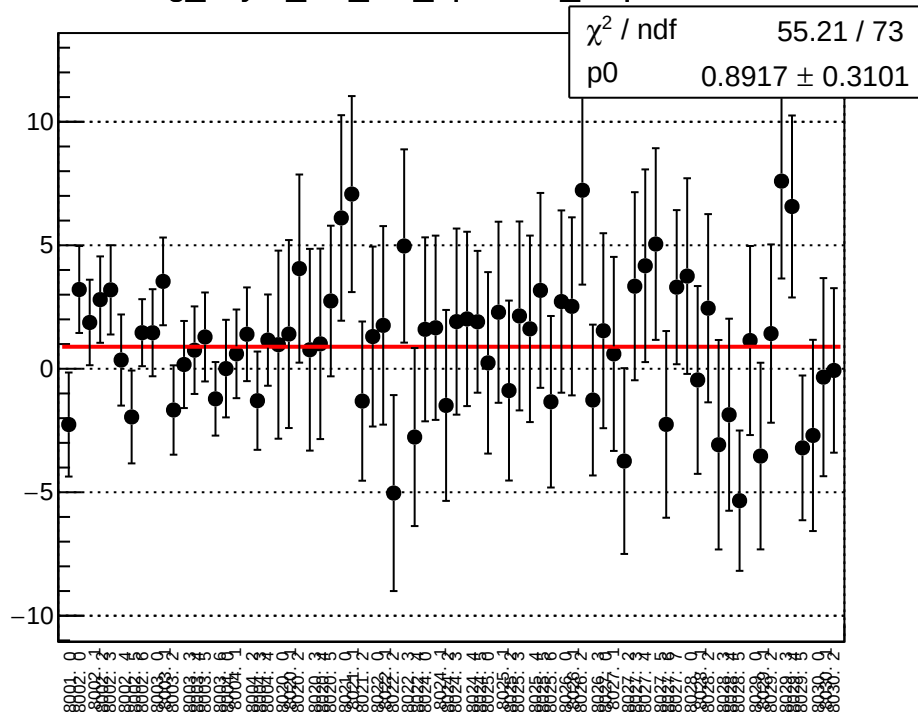
reg\_asym\_dsl\_diff\_bpm4eX\_slope vs run



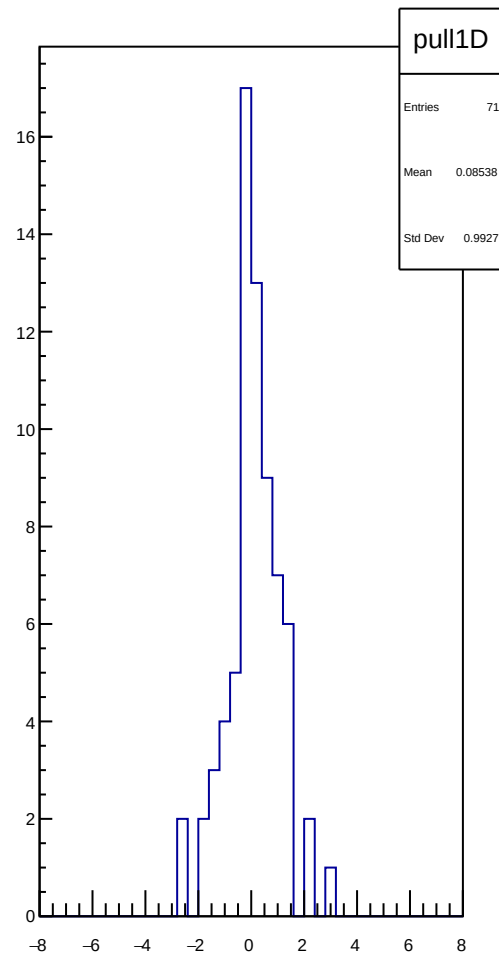
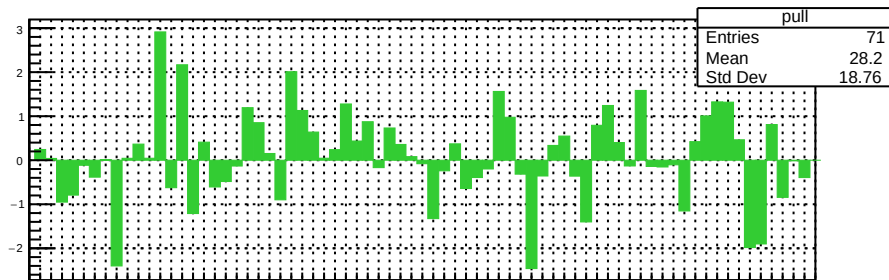
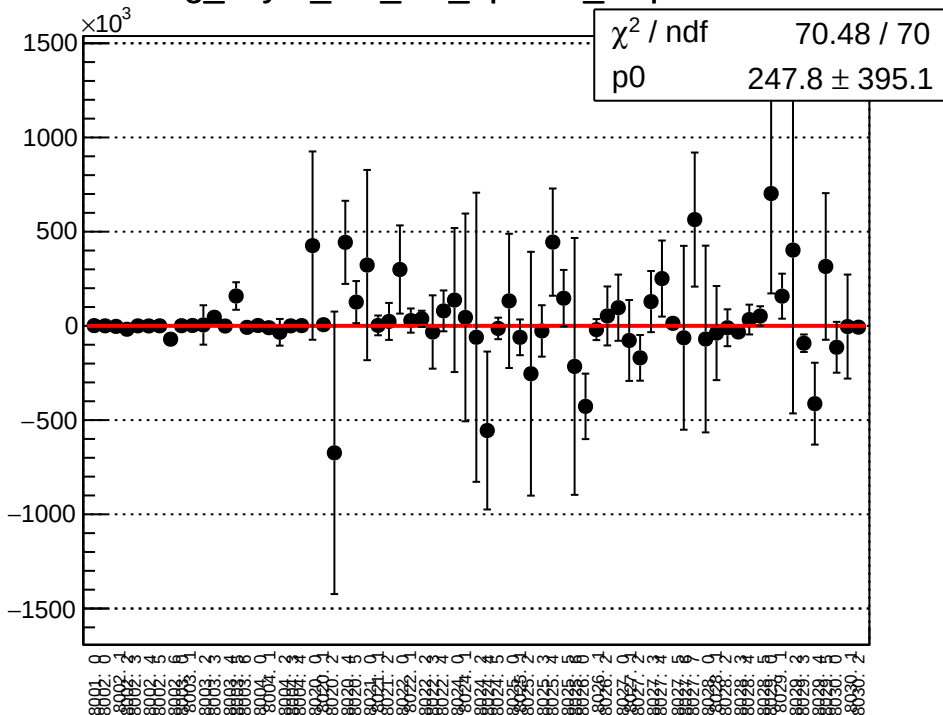
# reg\_asym\_dsl\_diff\_bpm4eY\_slope vs run



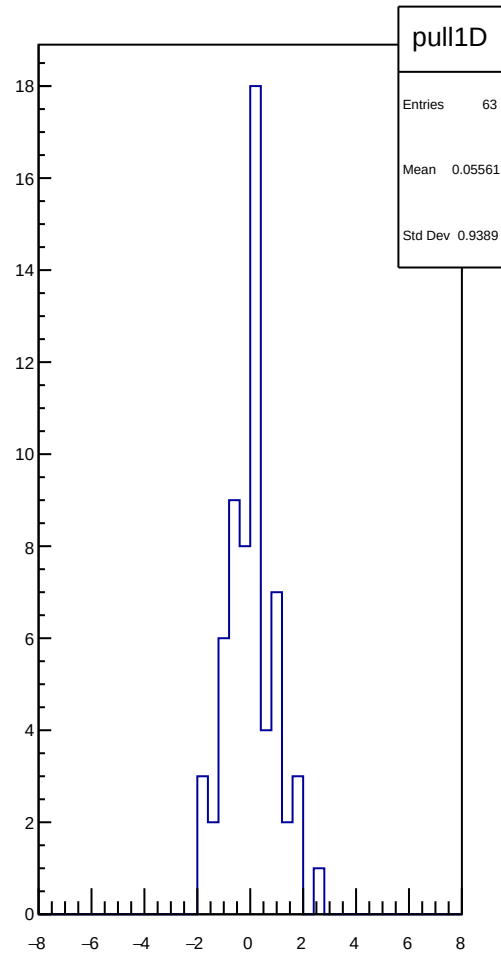
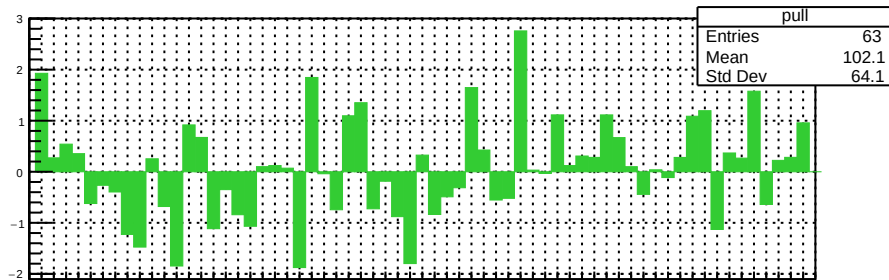
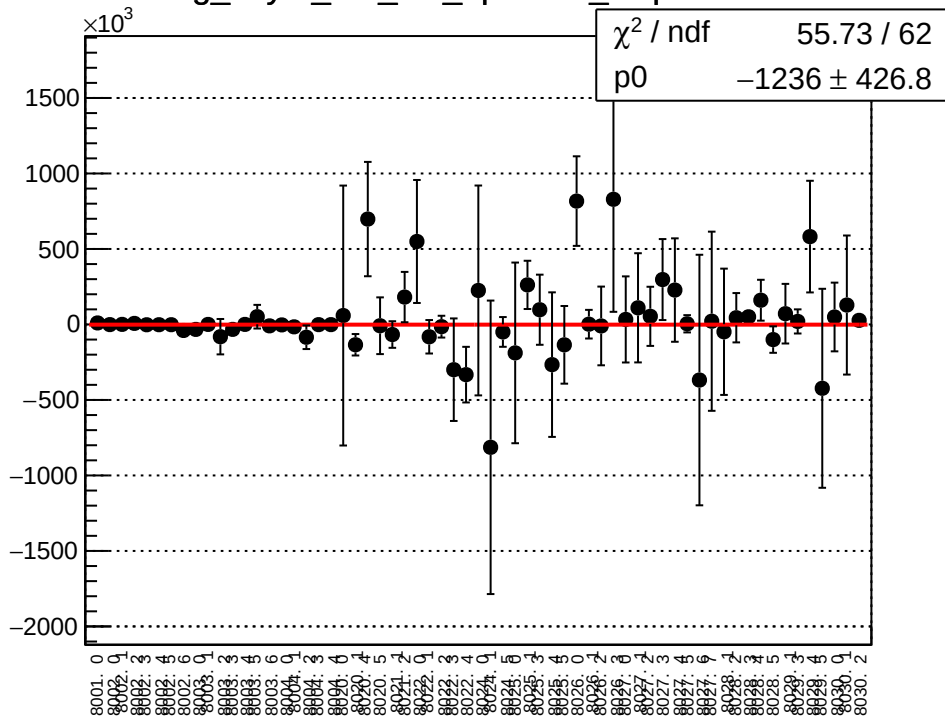
reg\_asym\_dsl\_diff\_bpm12X\_slope vs run



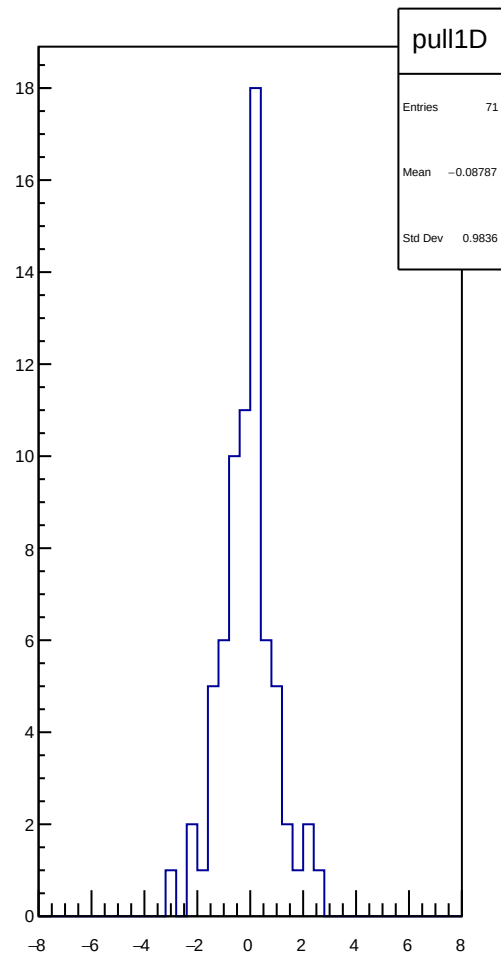
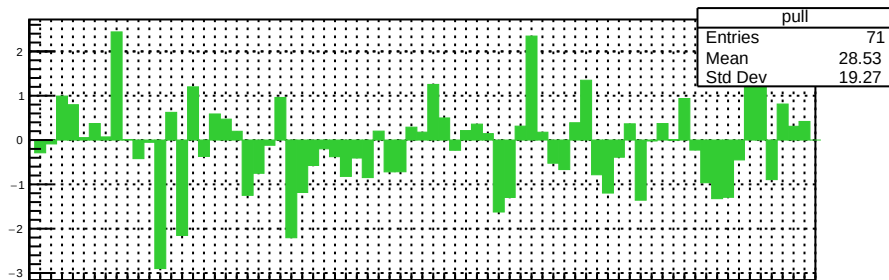
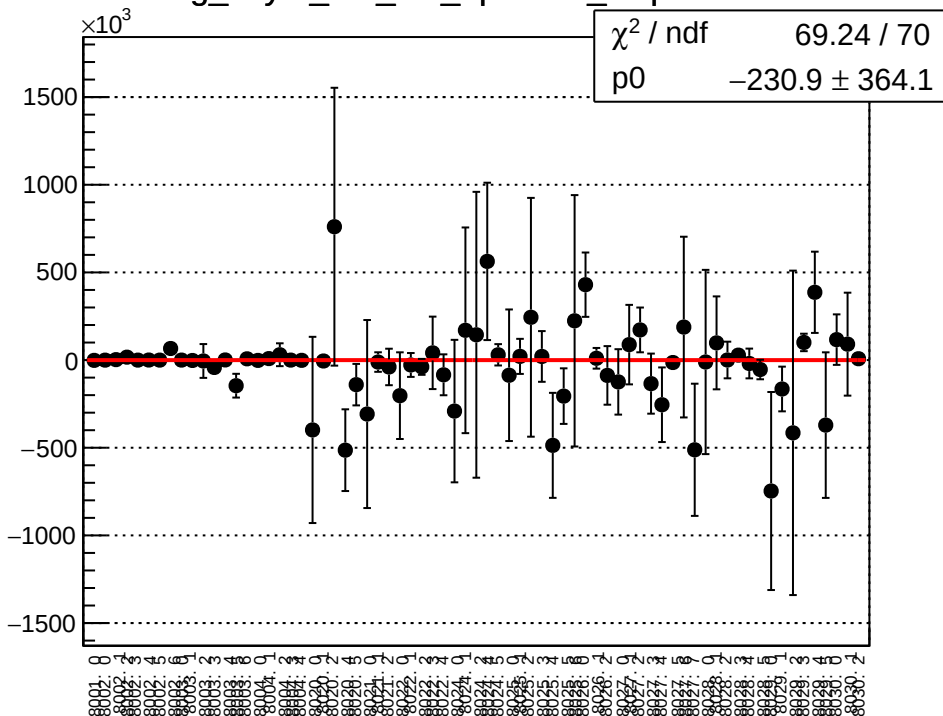
reg\_asym\_dsr\_diff\_bpm1X\_slope vs run



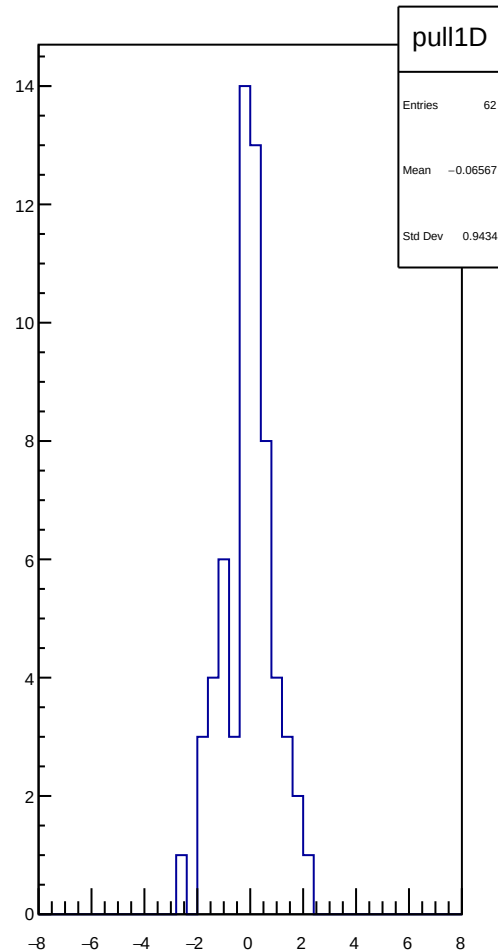
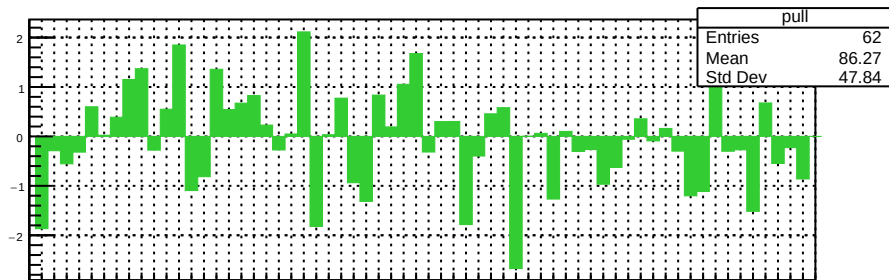
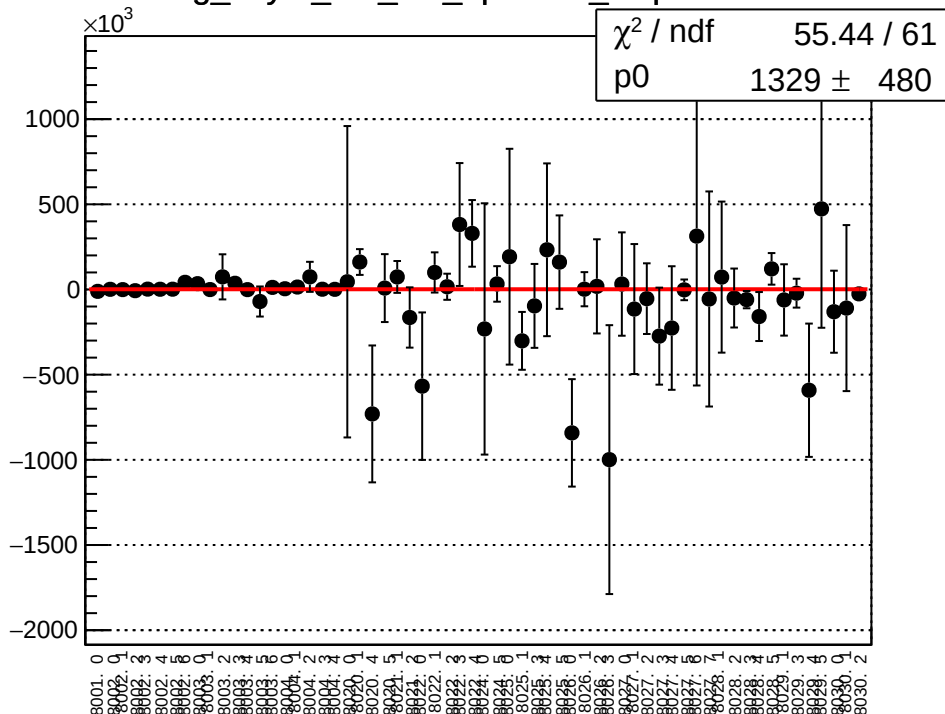
reg\_asym\_dsr\_diff\_bpm4aY\_slope vs run



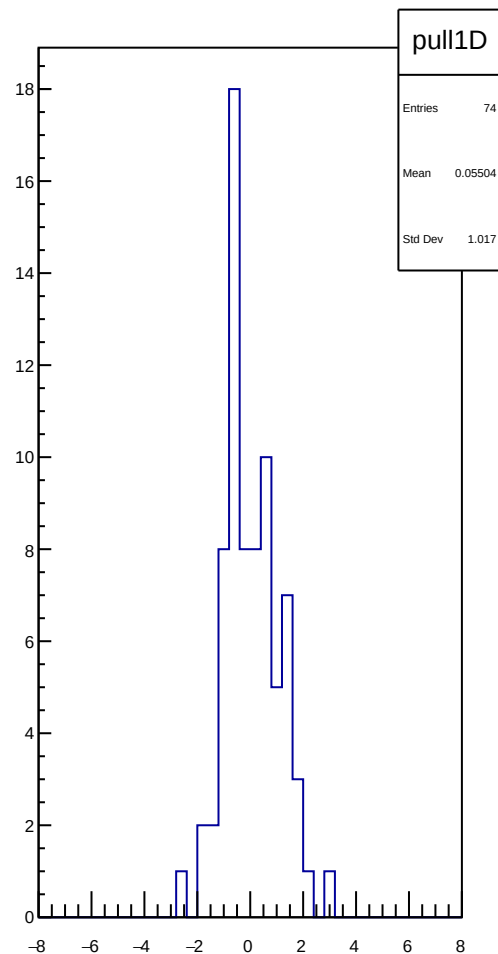
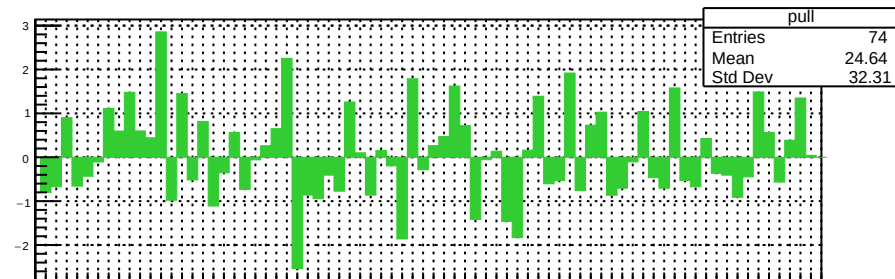
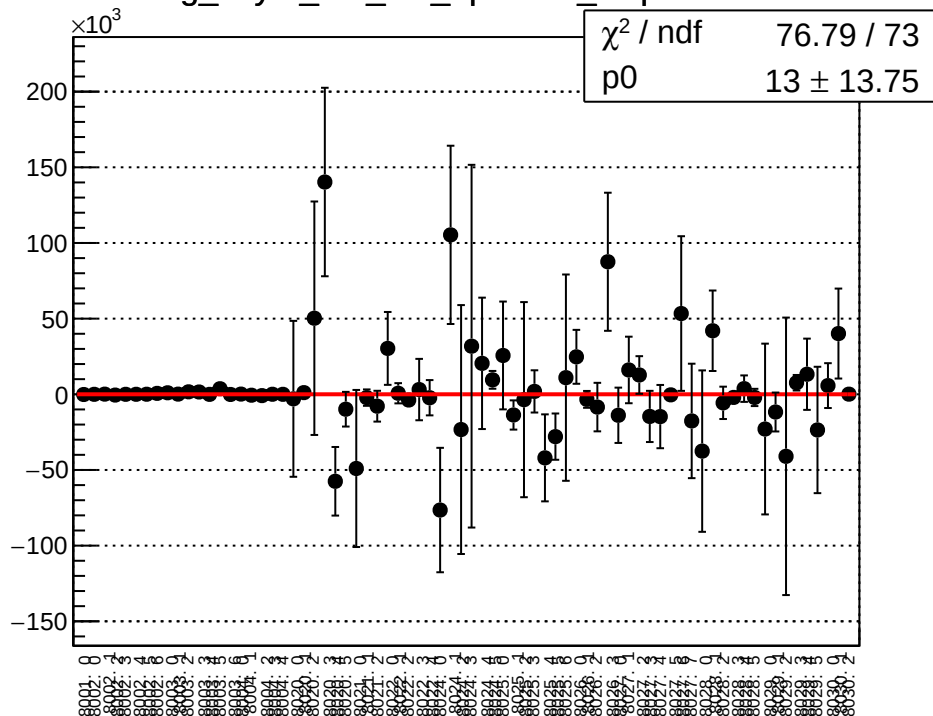
reg\_asym\_dsr\_diff\_bpm4eX\_slope vs run



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

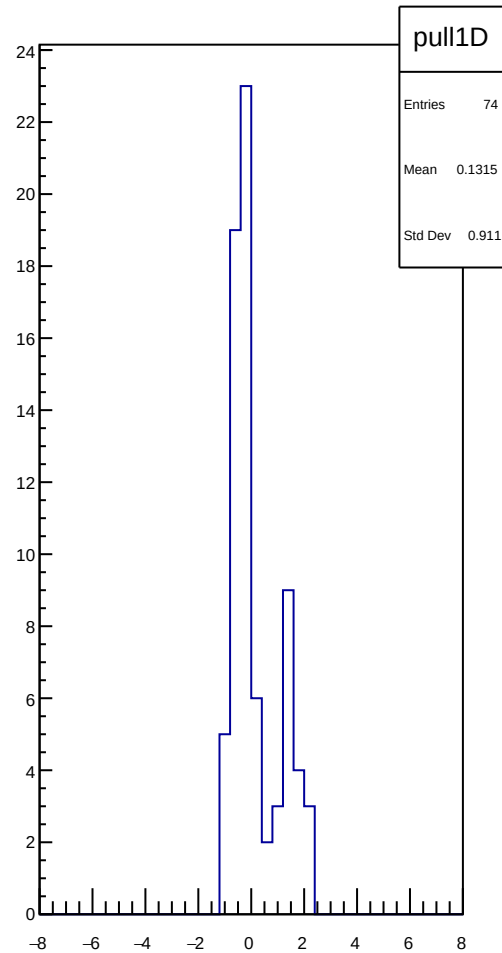
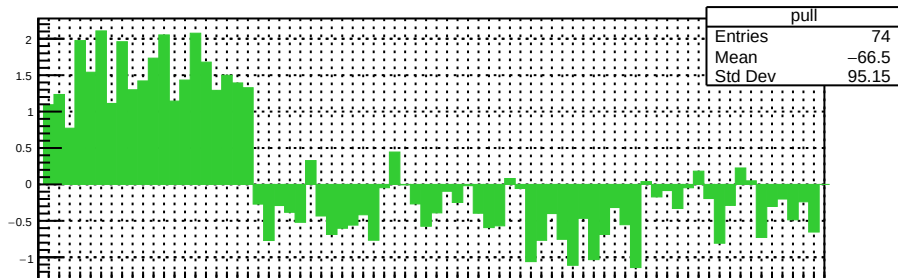
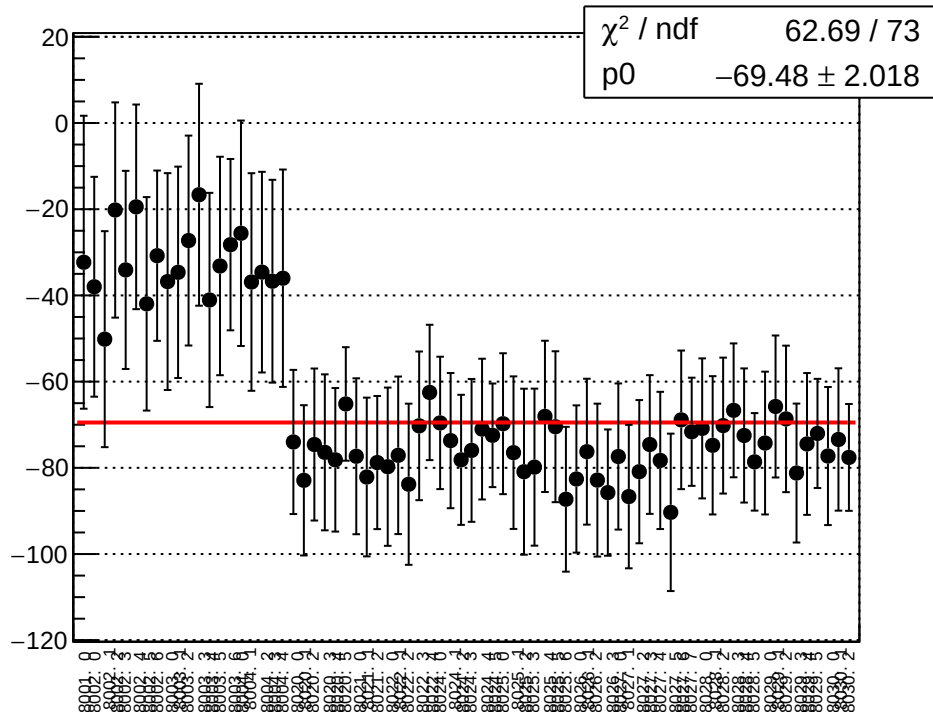


reg\_asym\_dsr\_diff\_bpm12X\_slope vs run

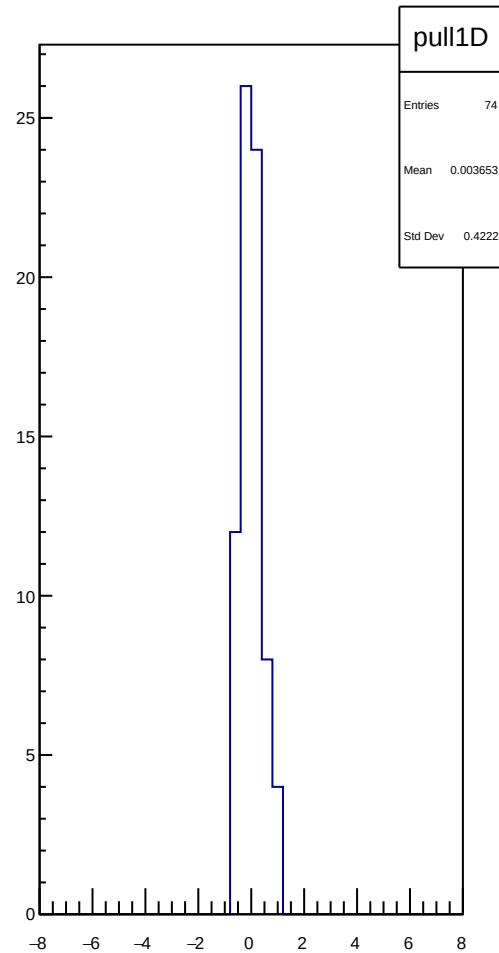
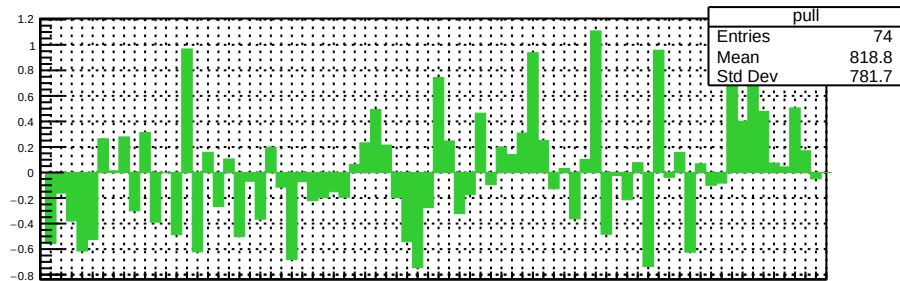
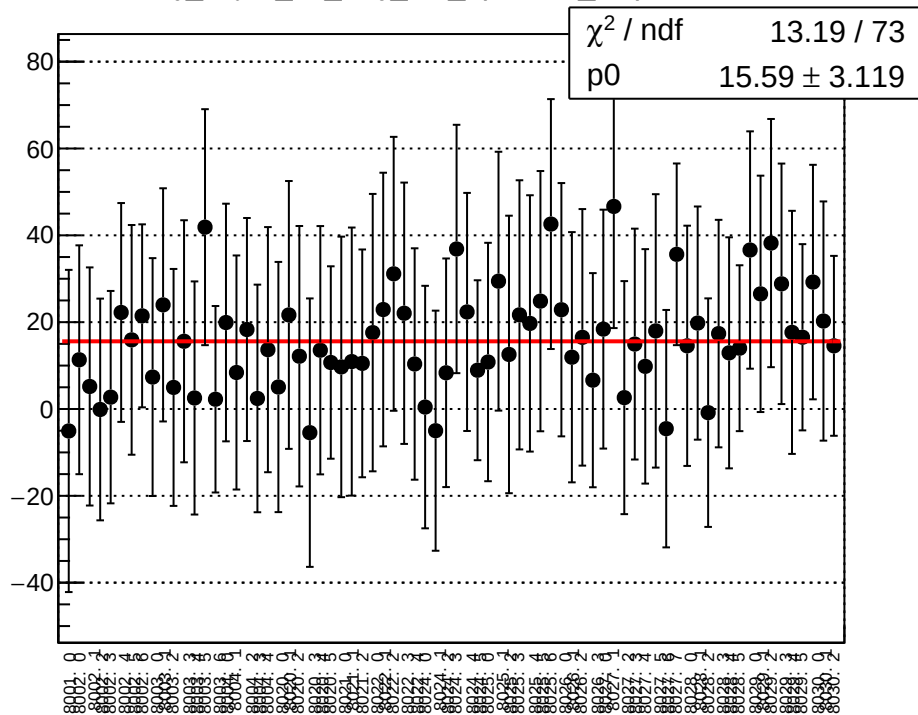




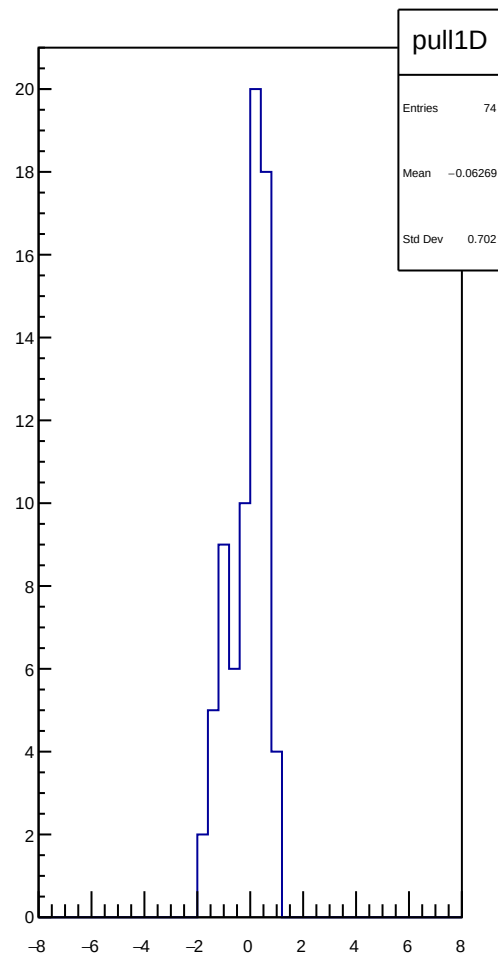
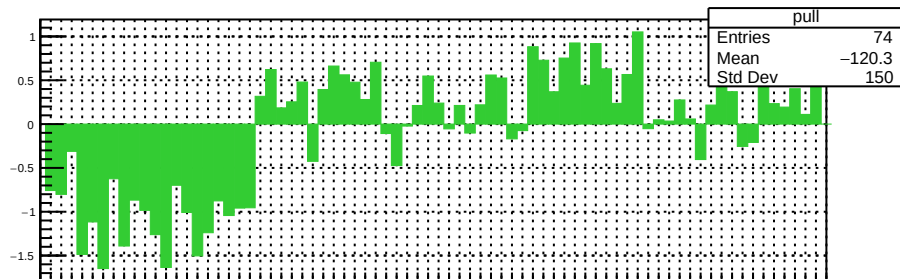
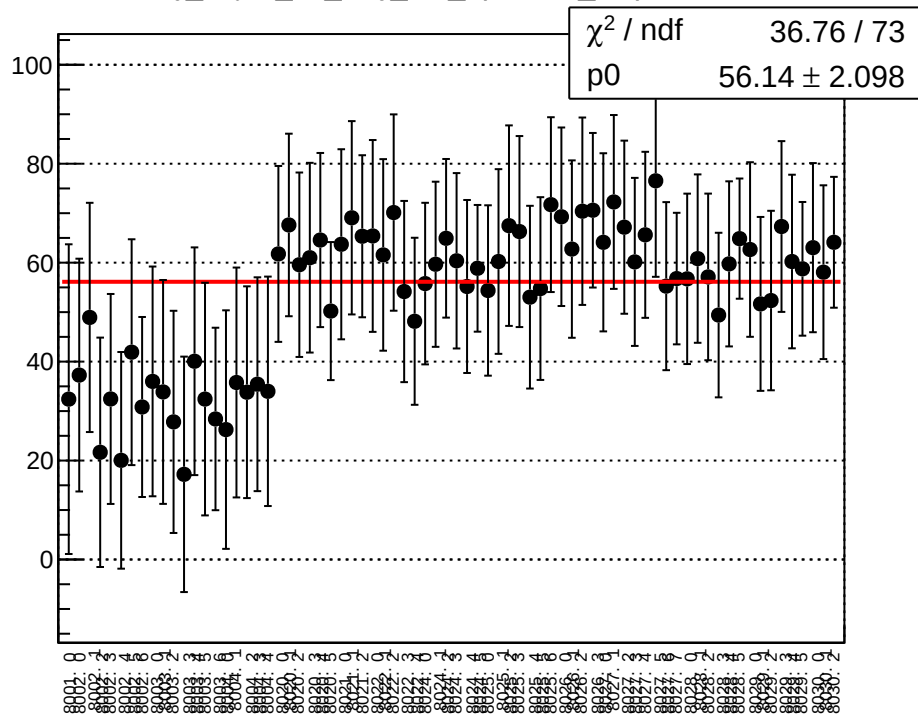
reg\_asym\_us\_avg\_diff\_bpm1X\_slope vs run



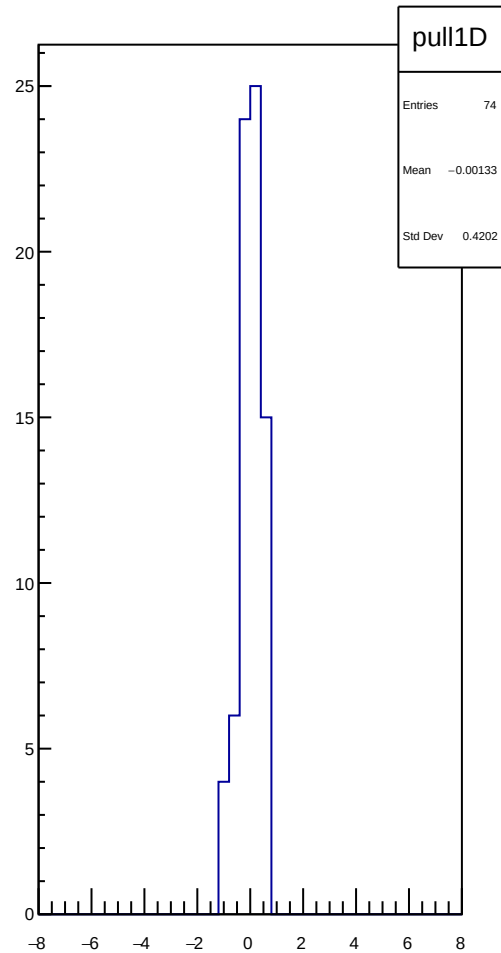
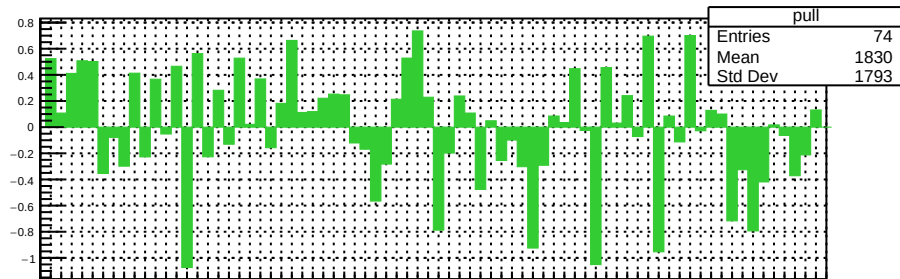
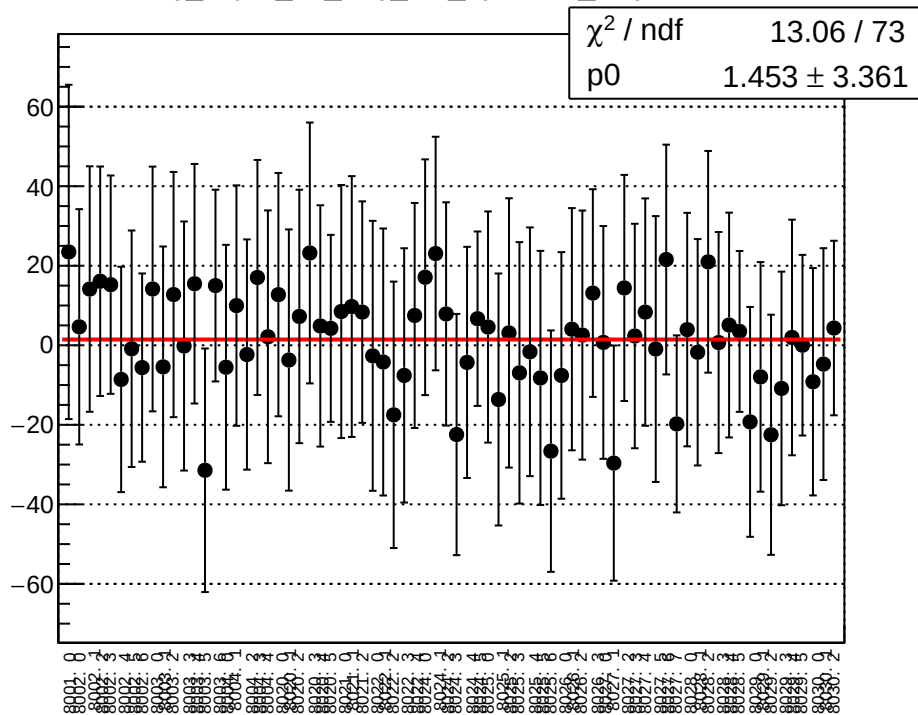
reg\_asym\_us\_avg\_diff\_bpm4aY\_slope vs run



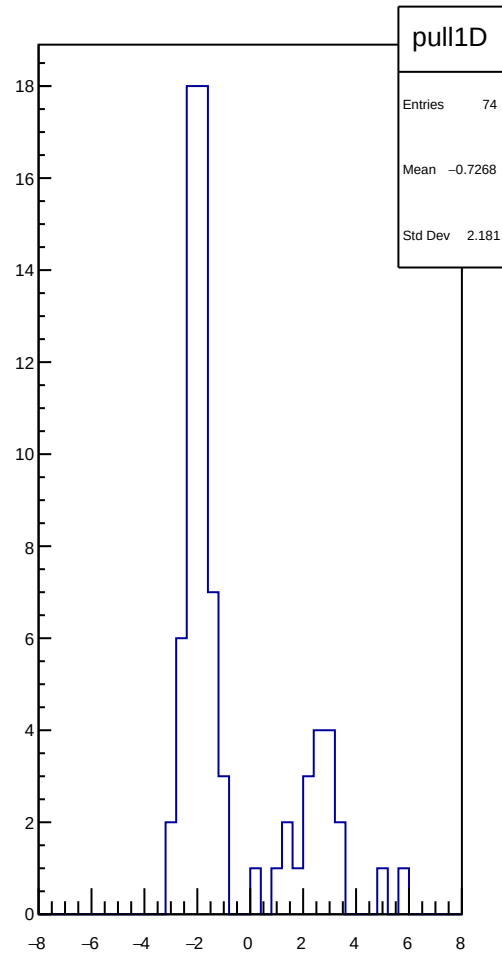
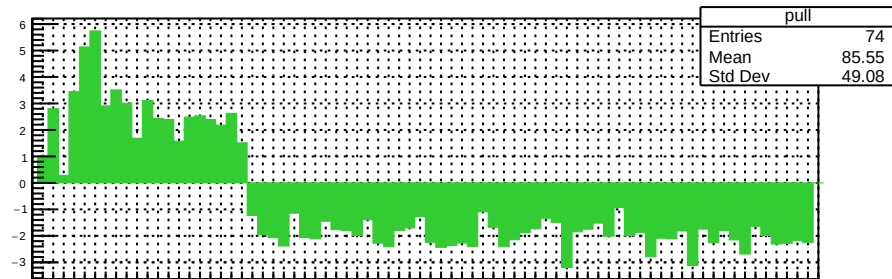
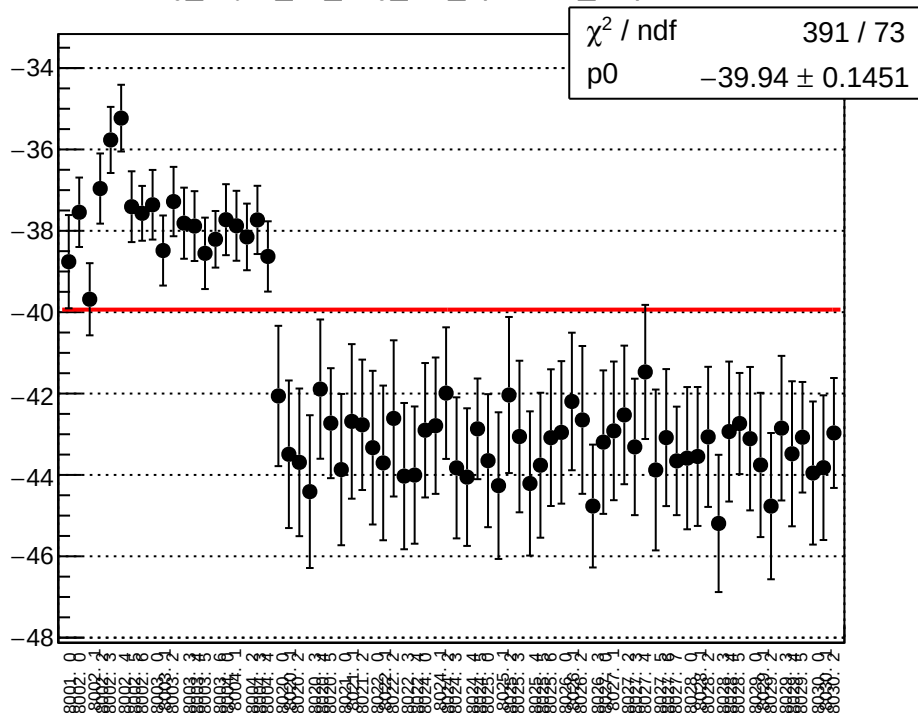
reg\_asym\_us\_avg\_diff\_bpm4eX\_slope vs run



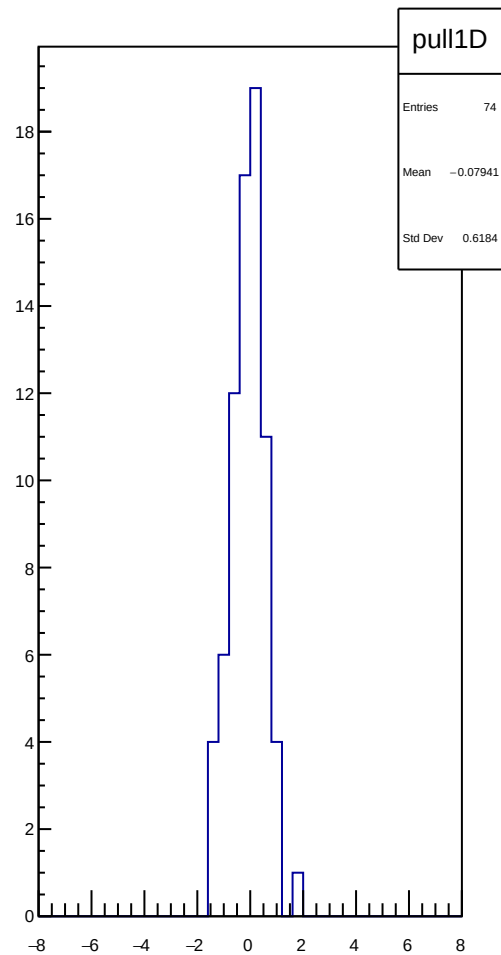
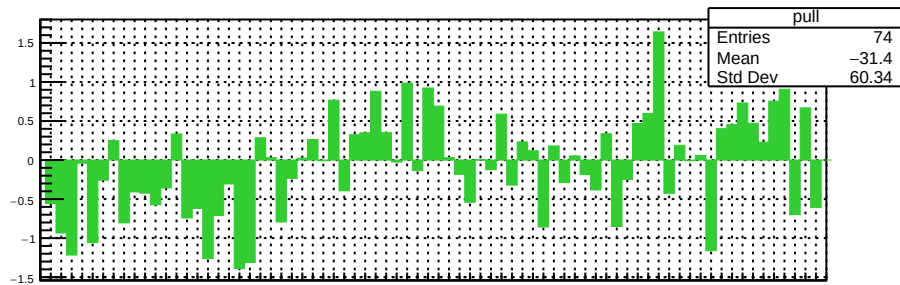
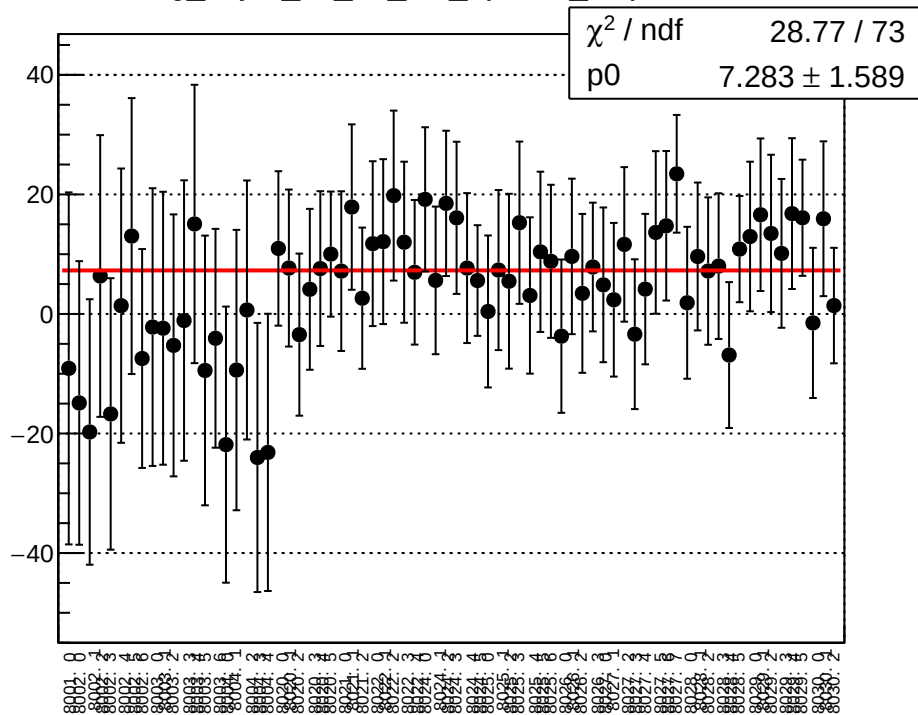
reg\_asym\_us\_avg\_diff\_bpm4eY\_slope vs run



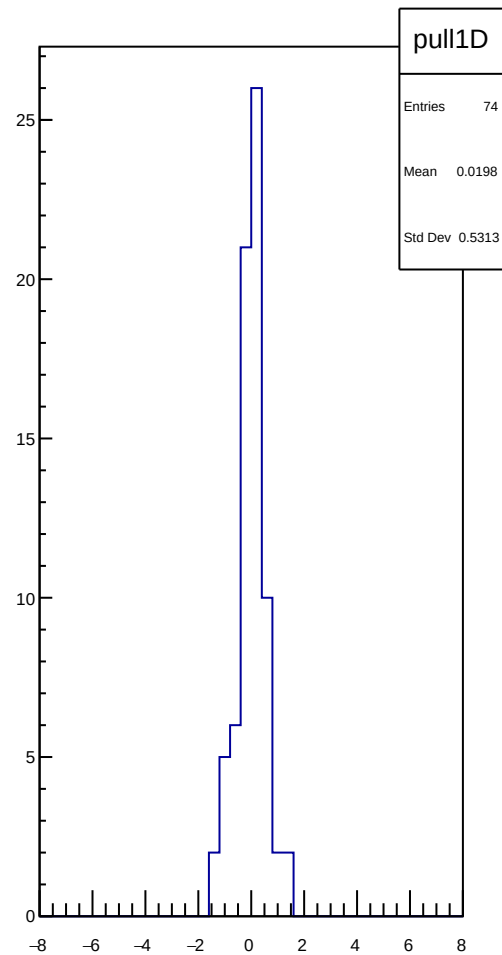
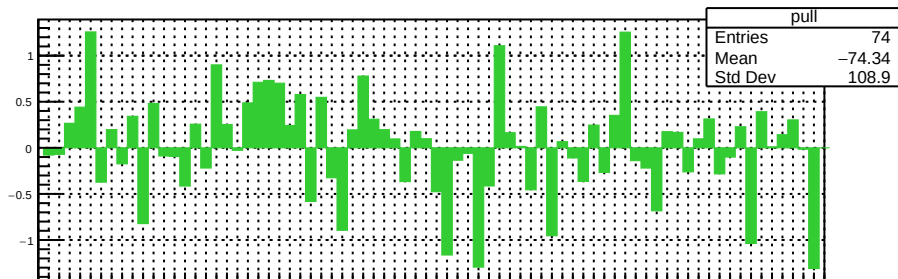
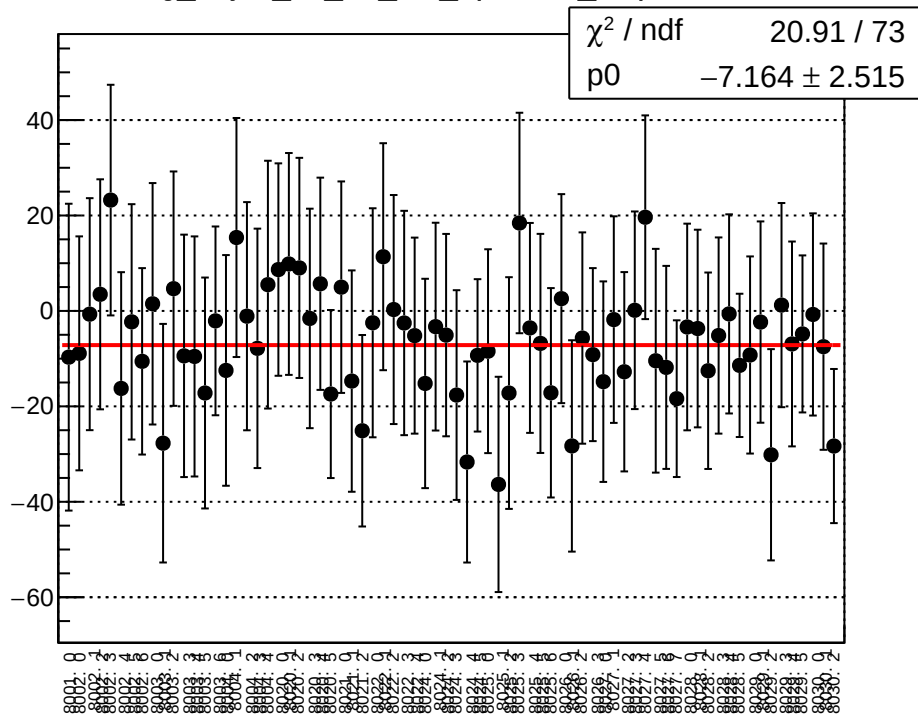
reg\_asym\_us\_avg\_diff\_bpm12X\_slope vs run



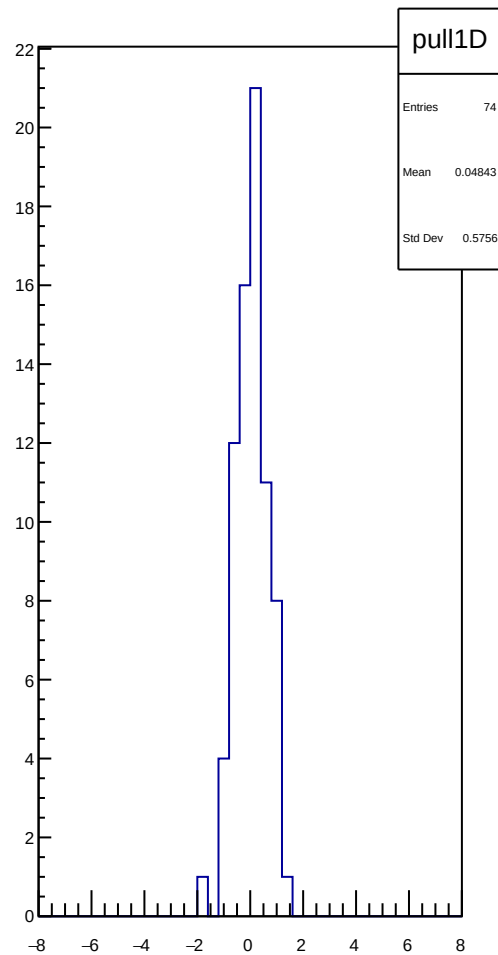
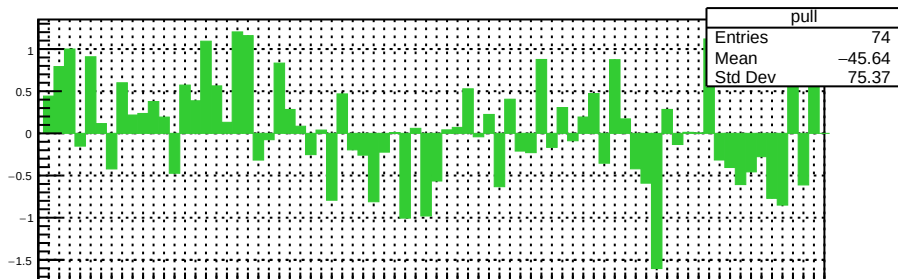
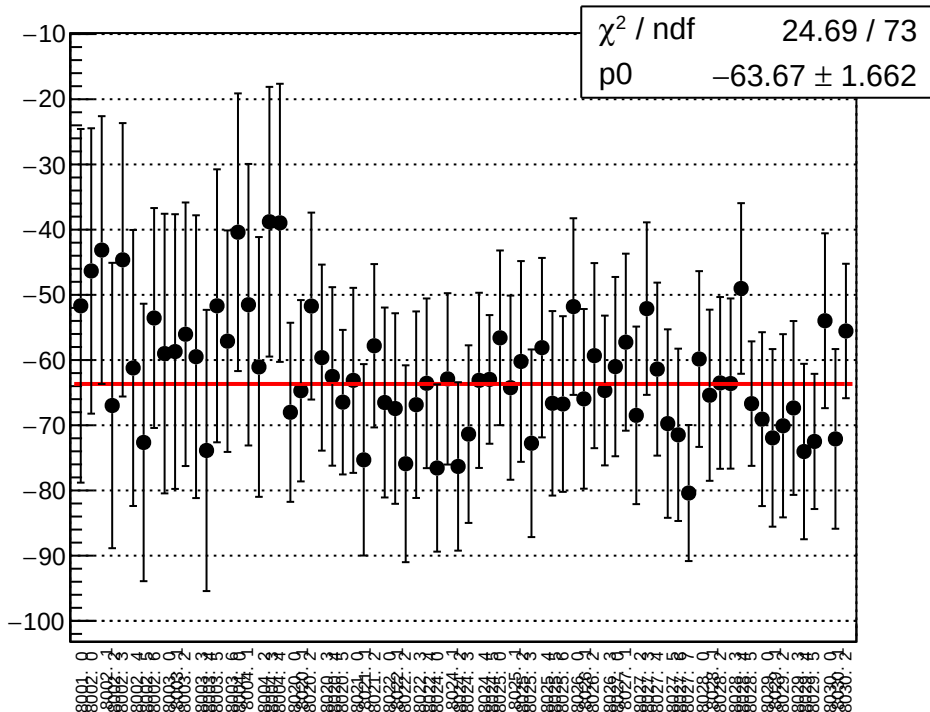
reg\_asym\_us\_dd\_diff\_bpm1X\_slope vs run



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

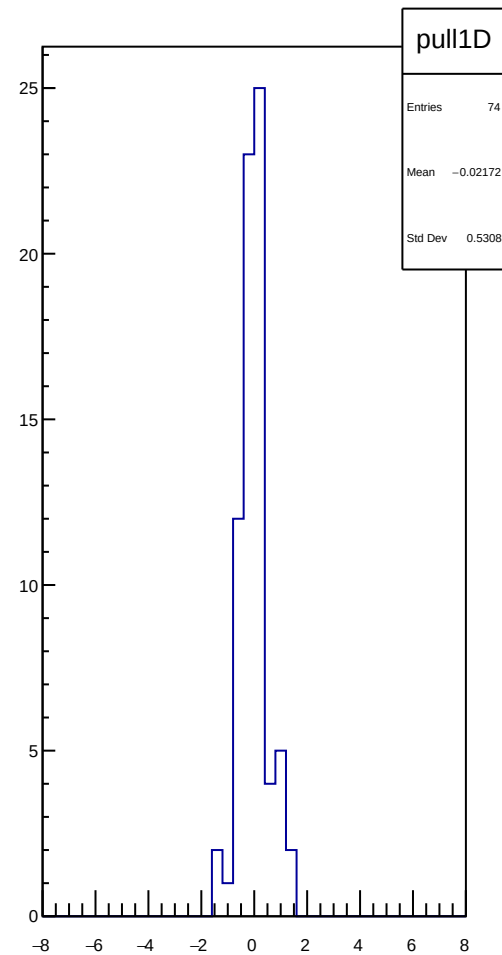
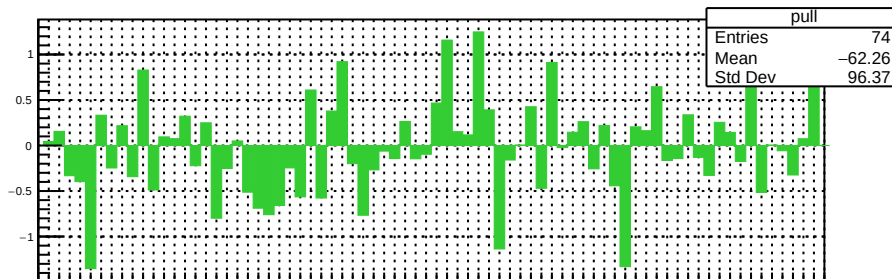
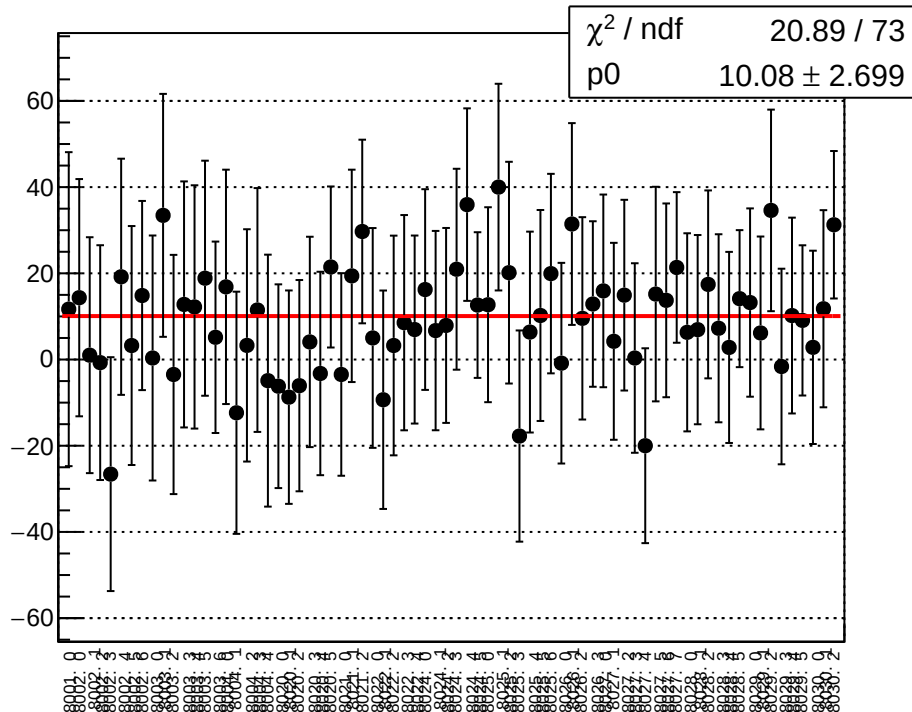


reg\_asym\_us\_dd\_diff\_bpm4eX\_slope vs run

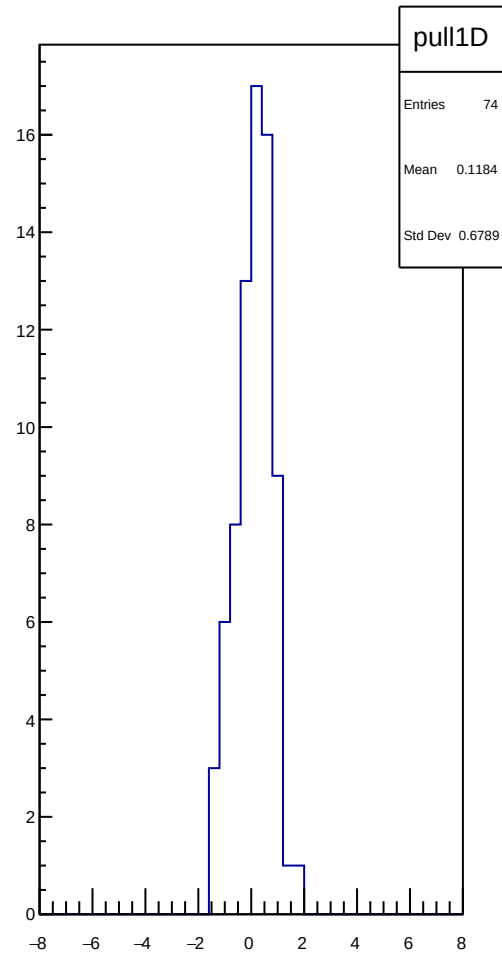
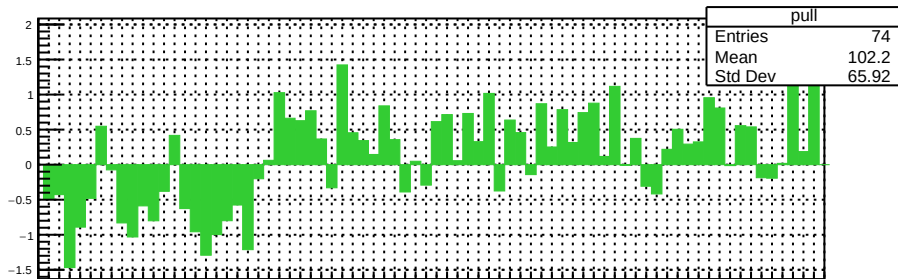
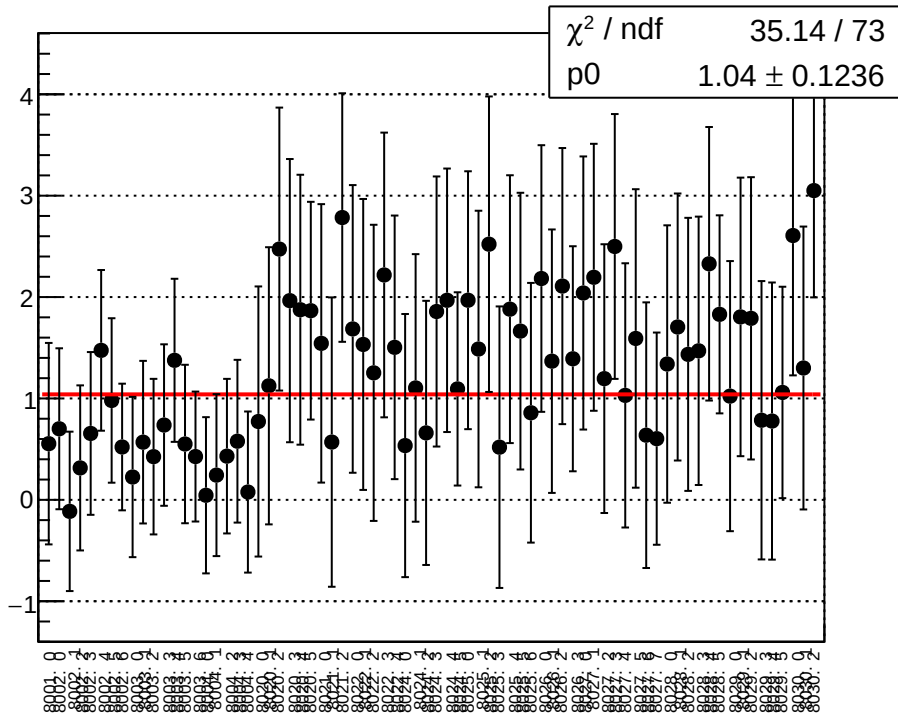




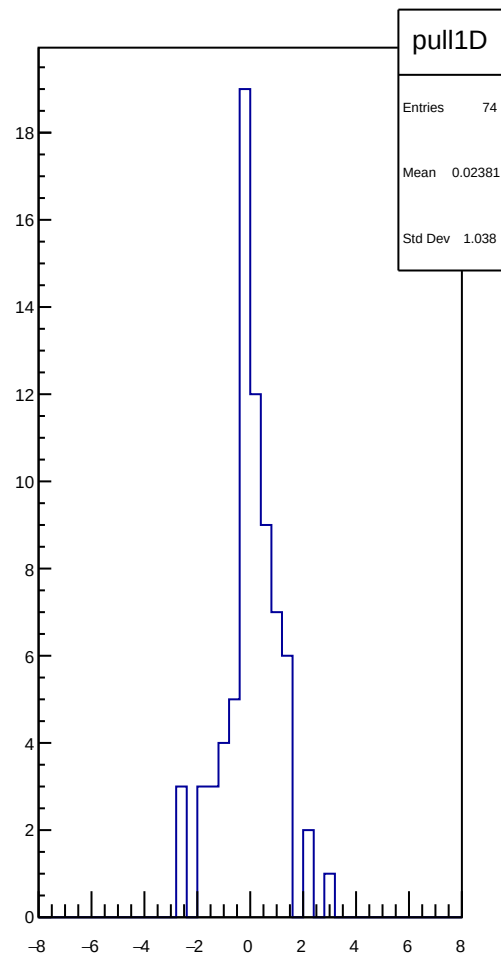
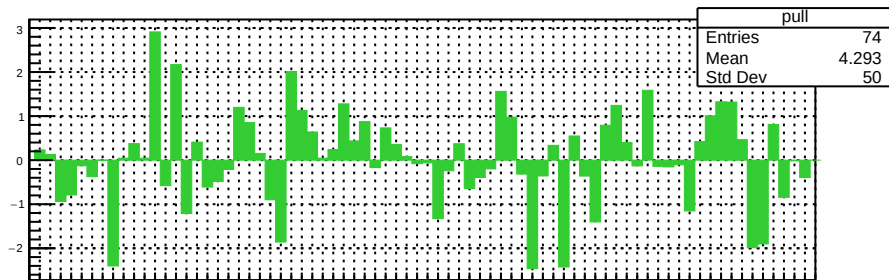
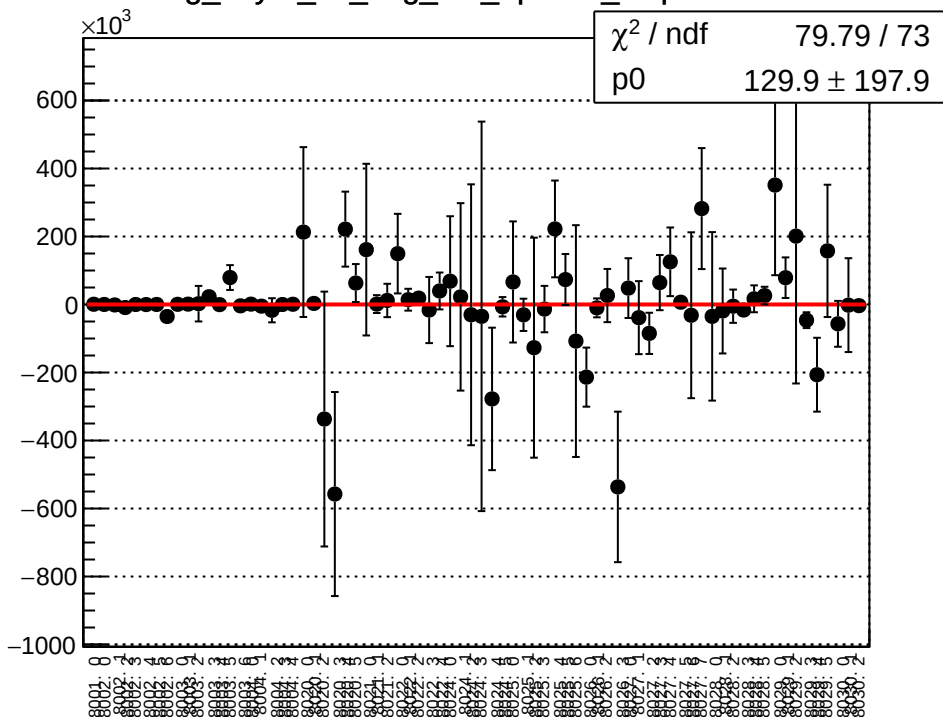
reg\_asym\_us\_dd\_diff\_bpm4eY\_slope vs run



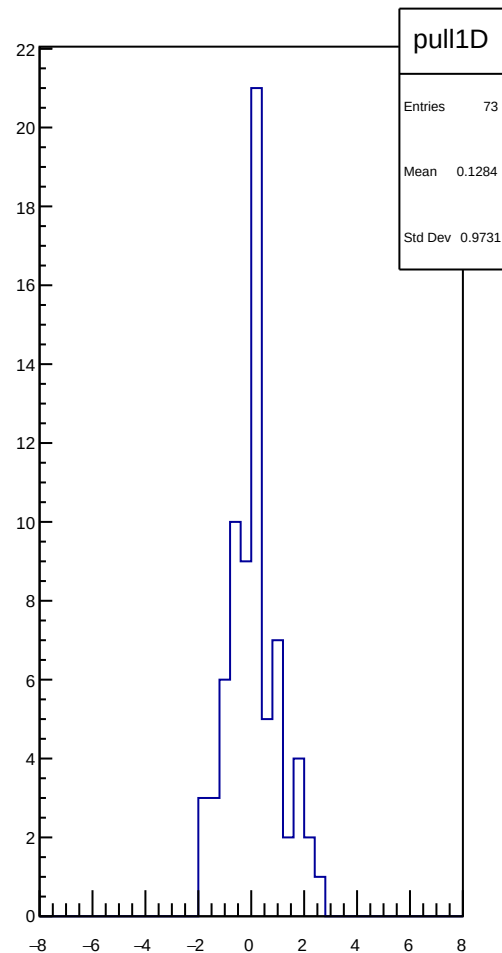
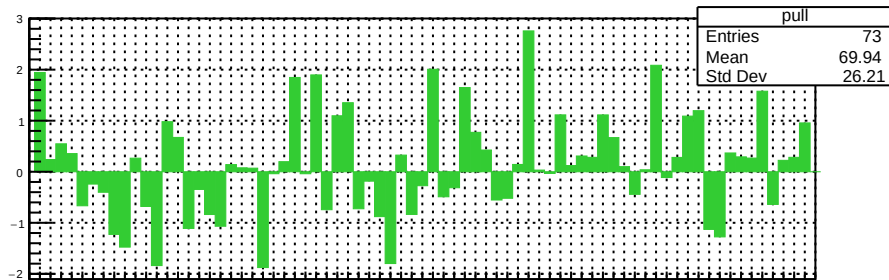
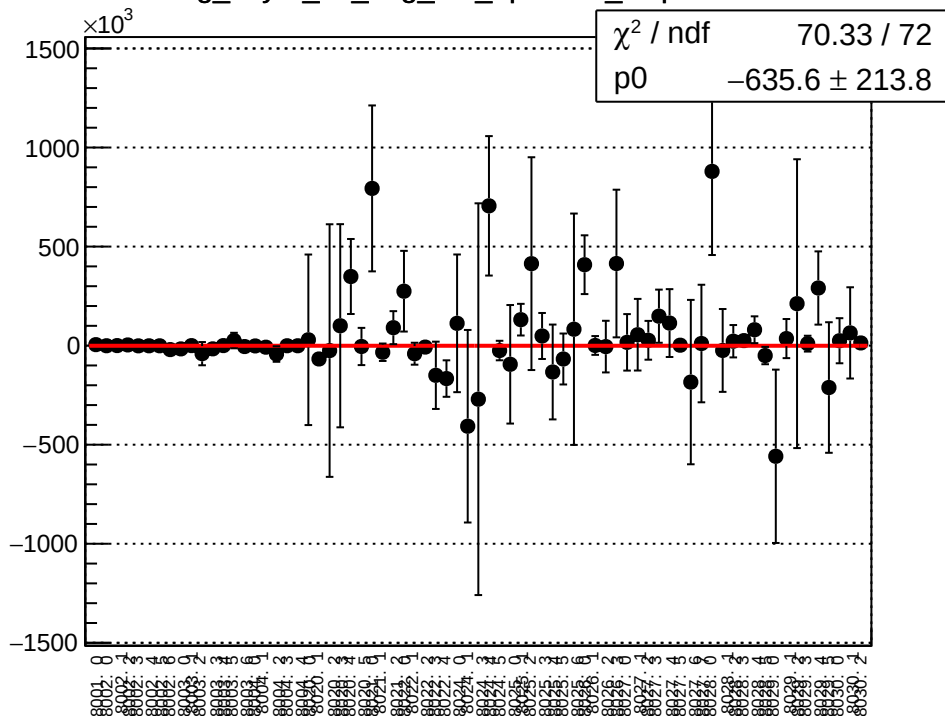
reg\_asym\_us\_dd\_diff\_bpm12X\_slope vs run



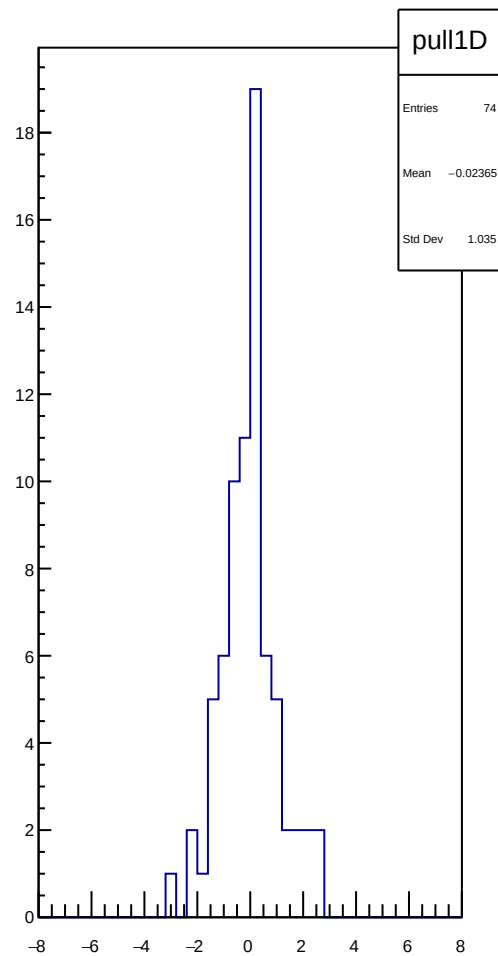
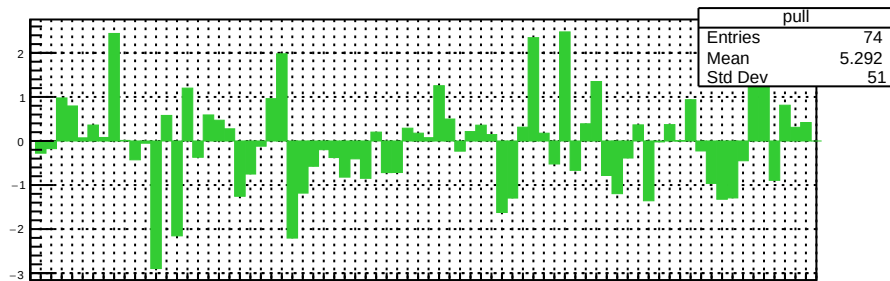
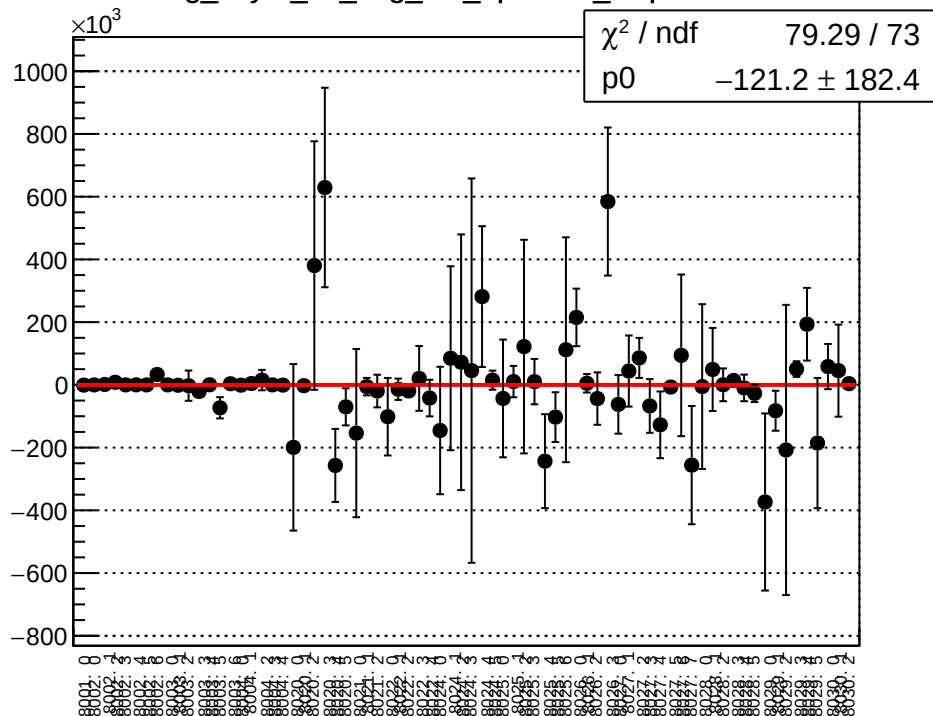
reg\_asym\_ds\_avg\_diff\_bpm1X\_slope vs run



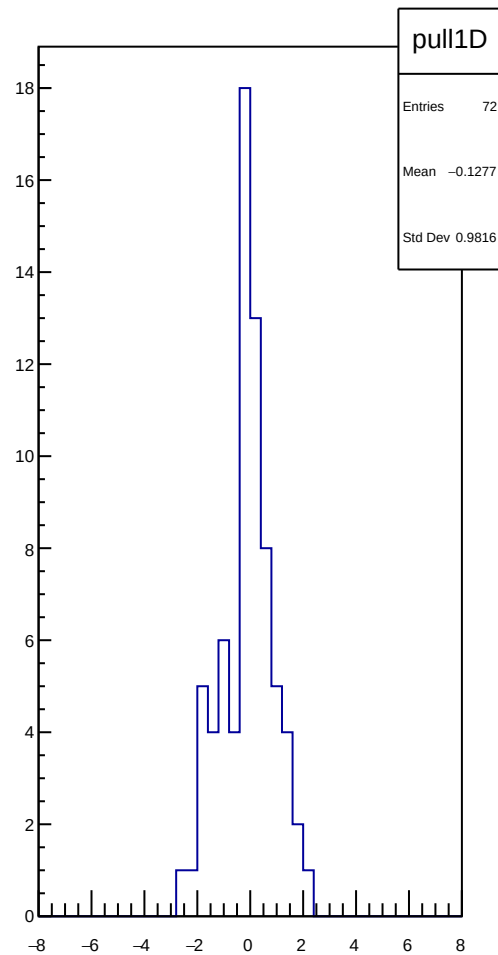
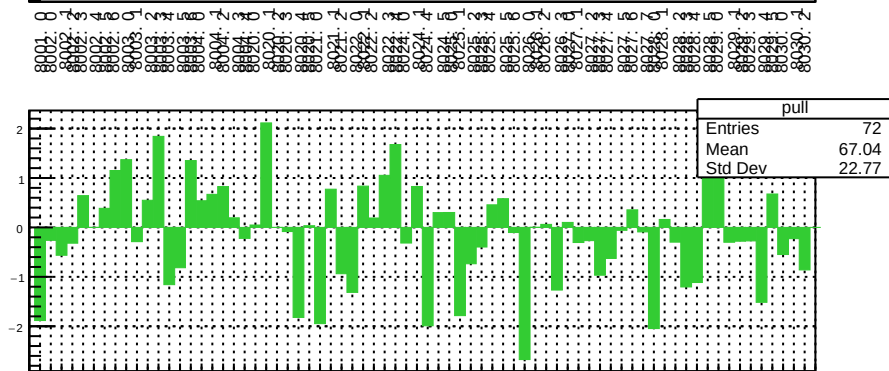
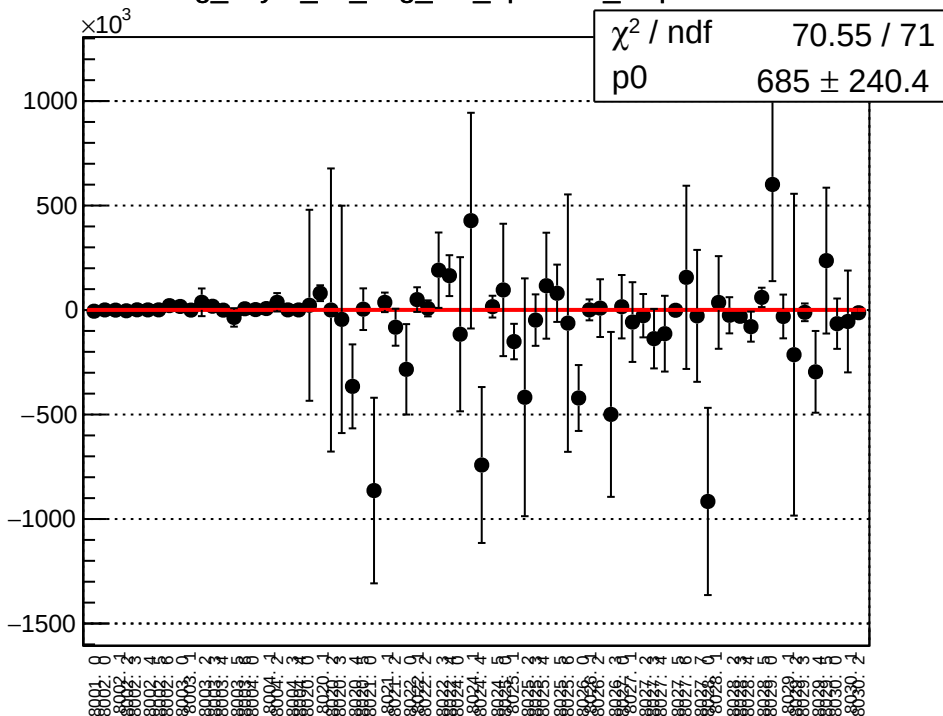
reg\_asym\_ds\_avg\_diff\_bpm4aY\_slope vs run



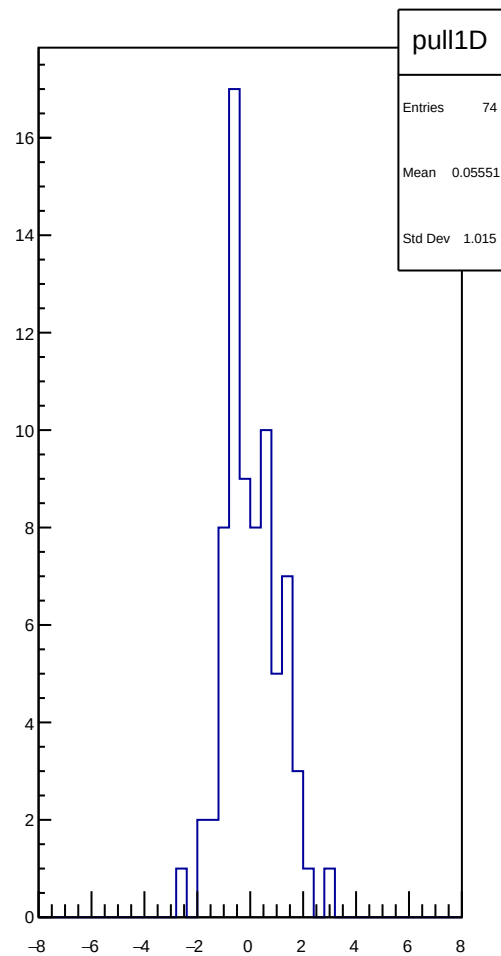
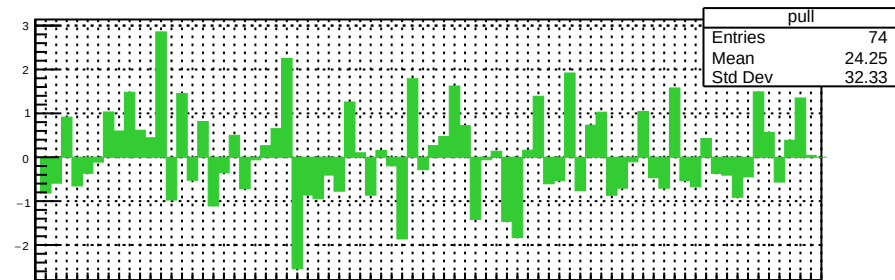
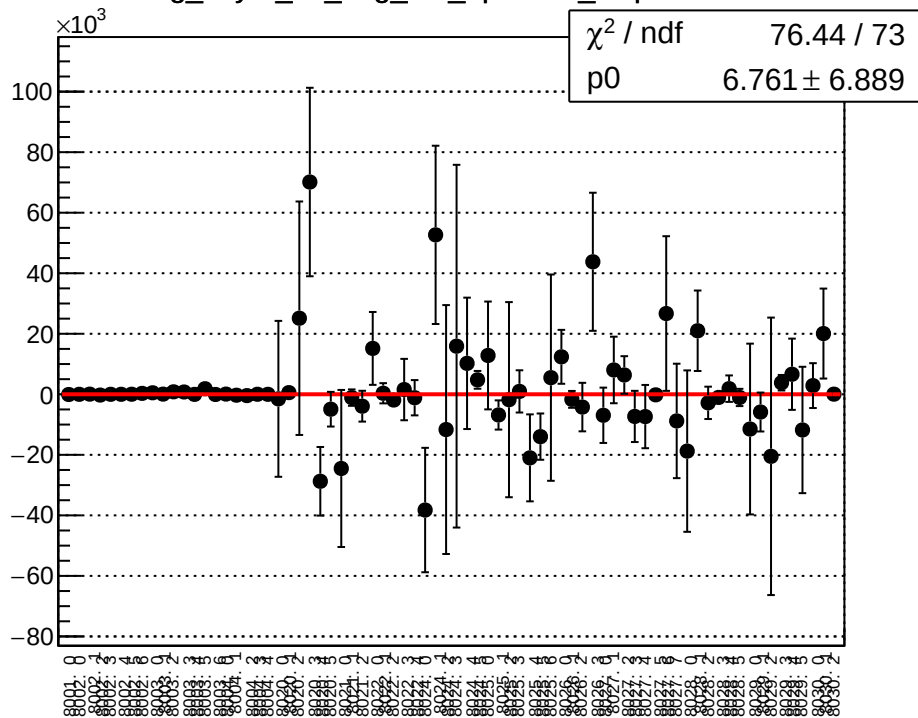
reg\_asym\_ds\_avg\_diff\_bpm4eX\_slope vs run



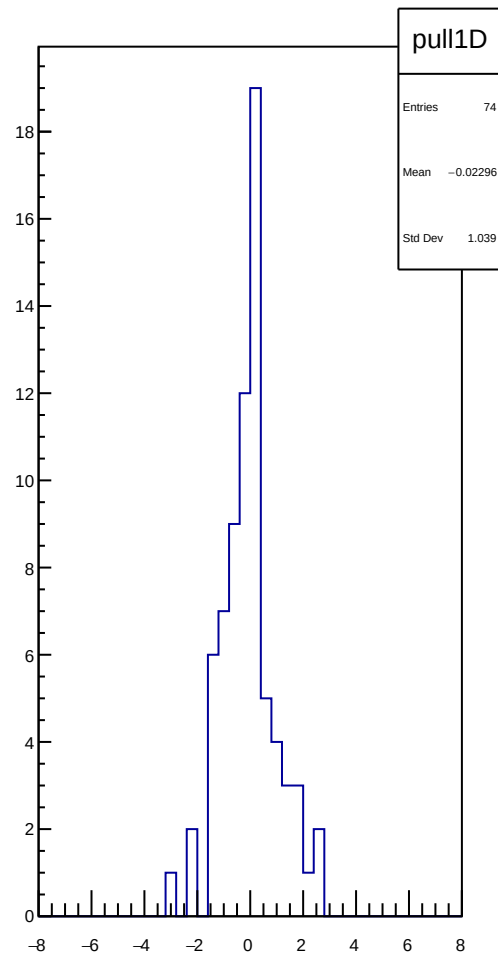
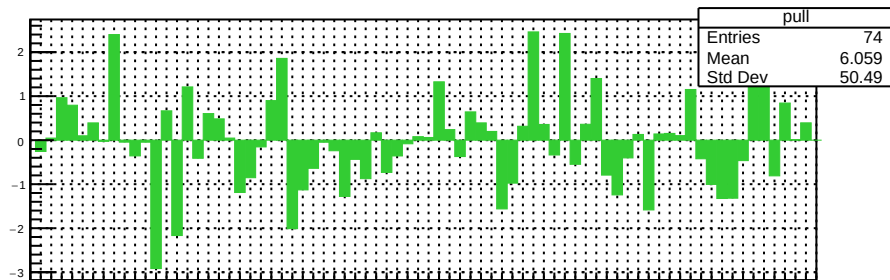
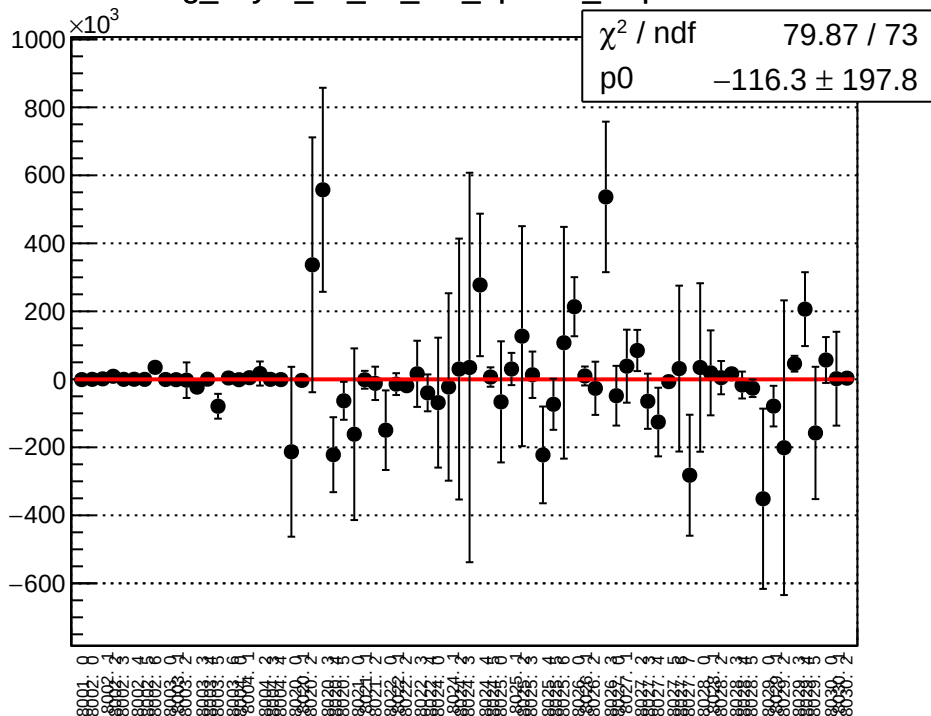
reg\_asym\_ds\_avg\_diff\_bpm4eY\_slope vs run



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

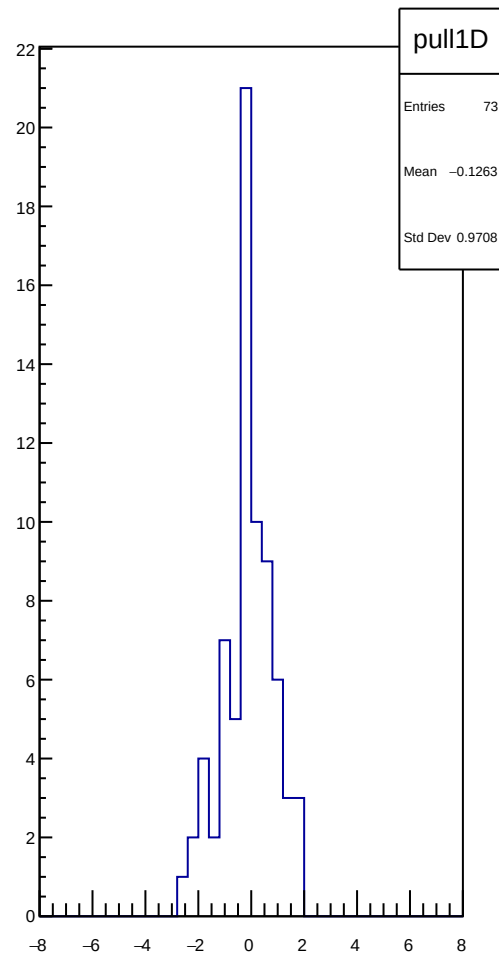
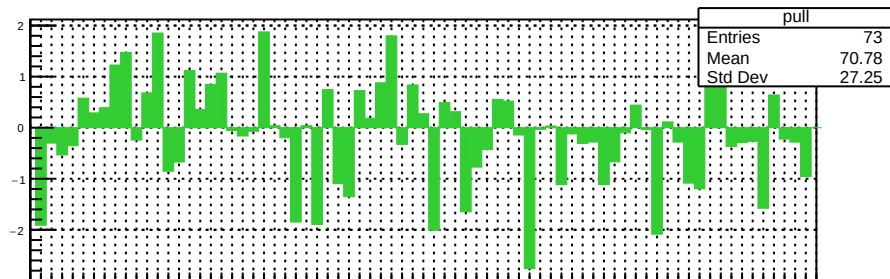
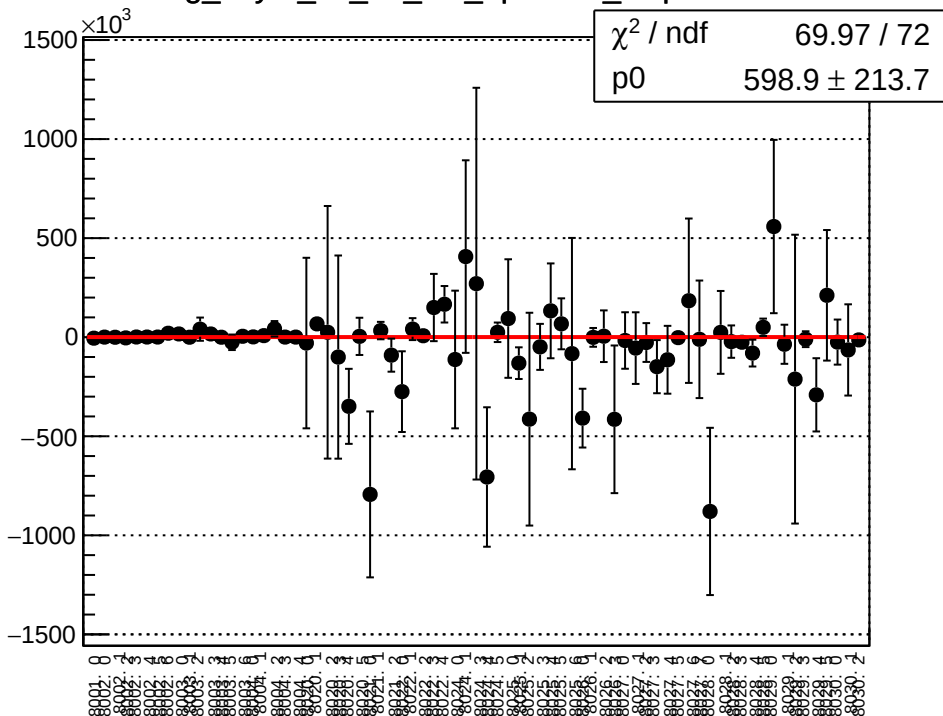


reg\_asym\_ds\_dd\_diff\_bpm1X\_slope vs run

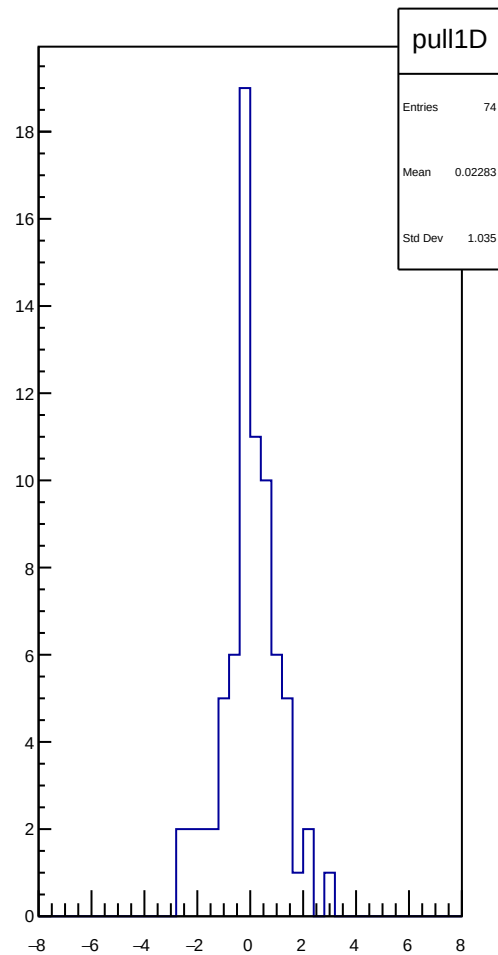
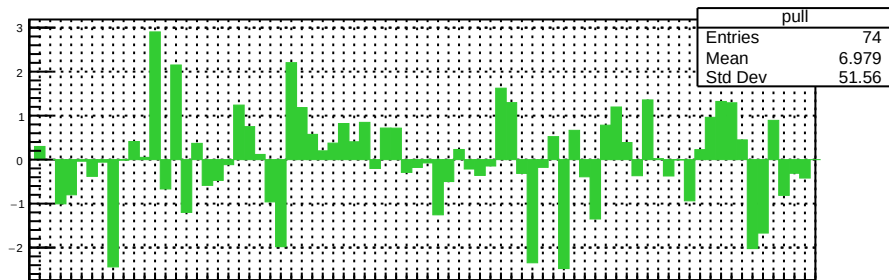
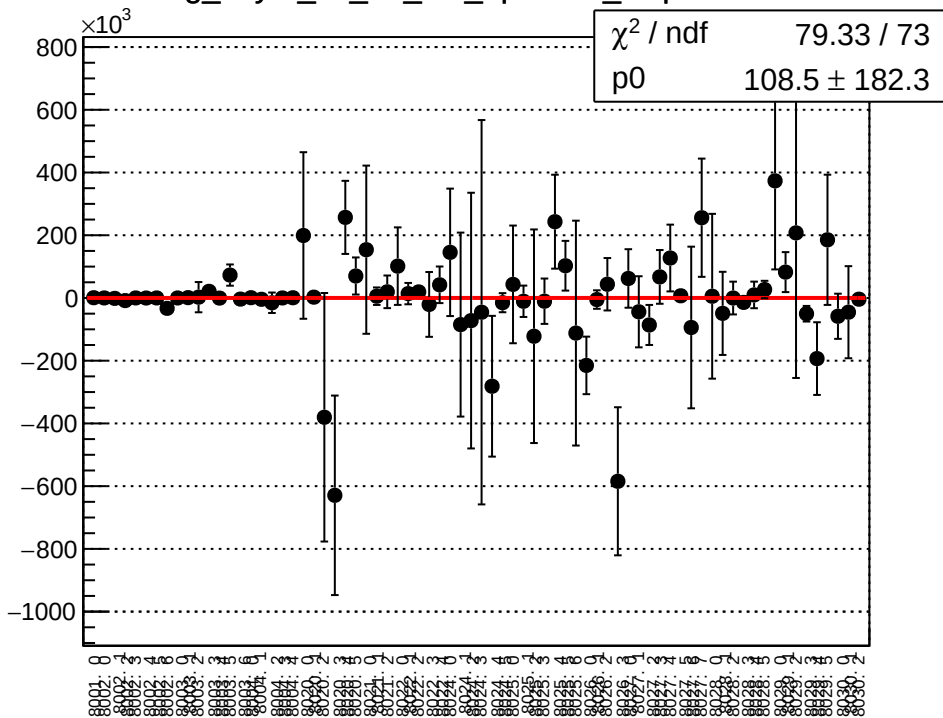




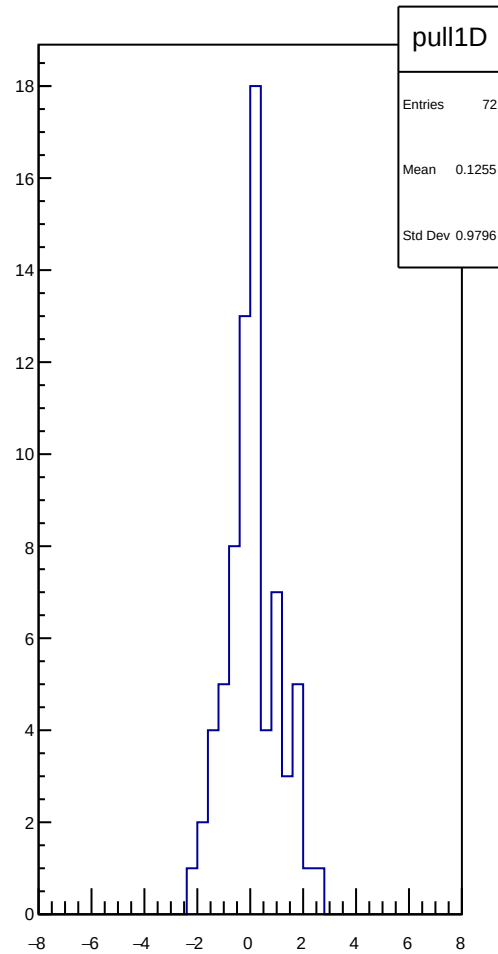
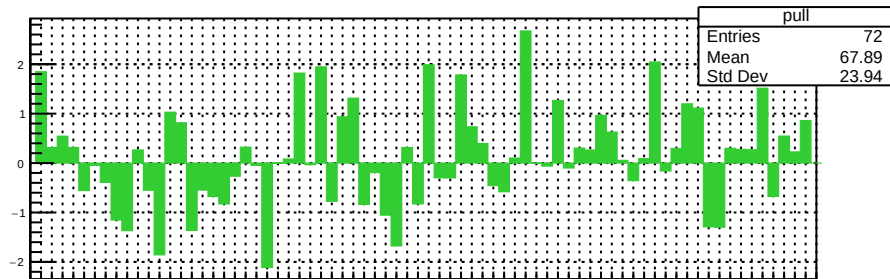
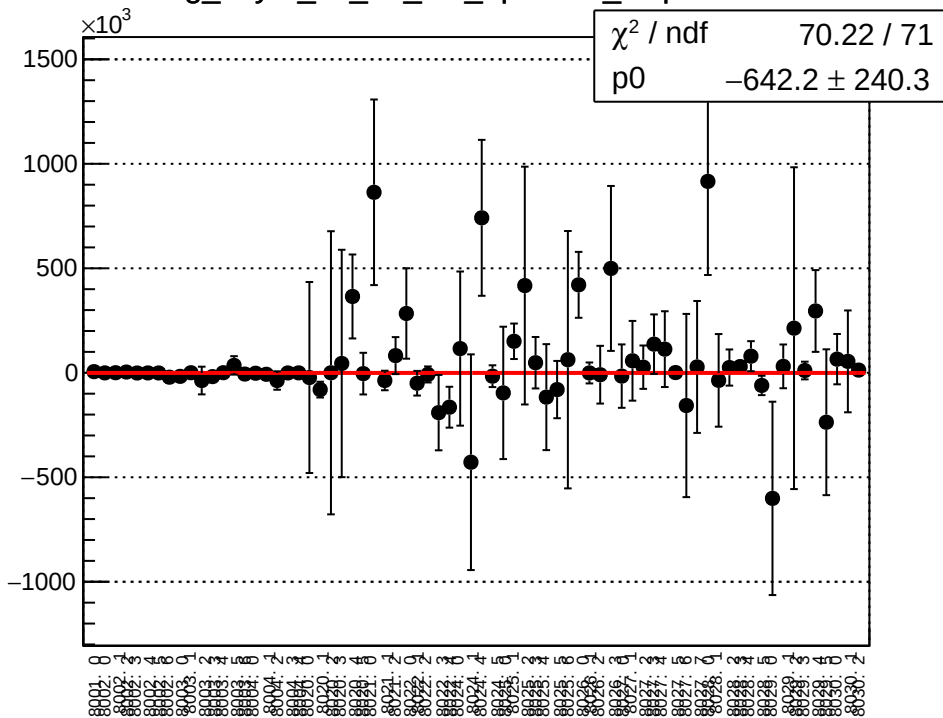
reg\_asym\_ds\_dd\_diff\_bpm4aY\_slope vs run



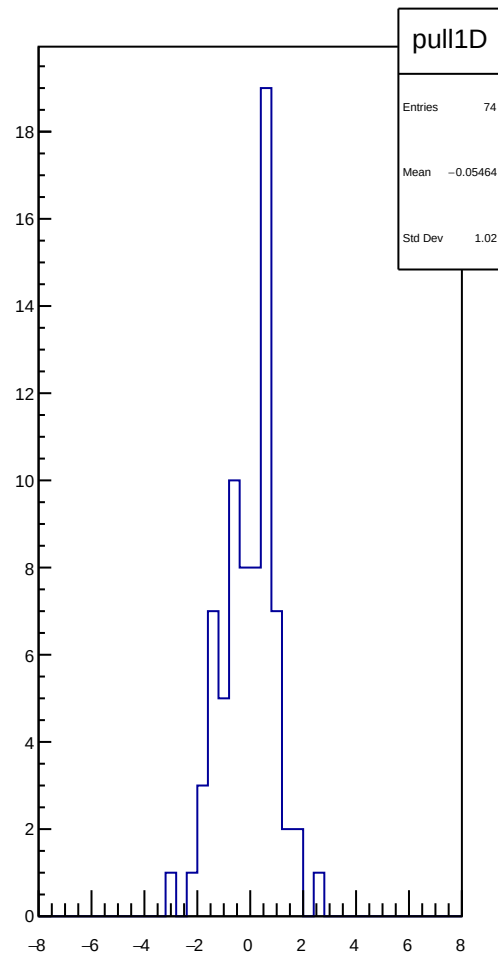
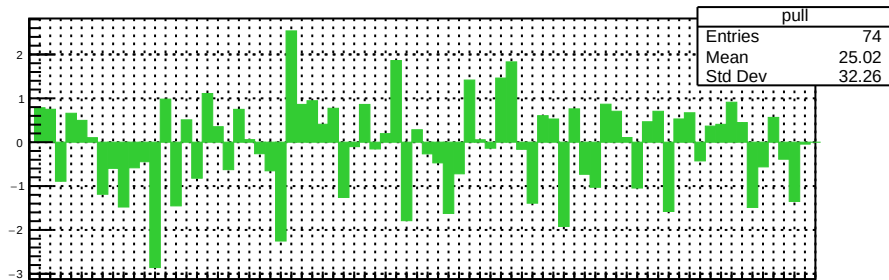
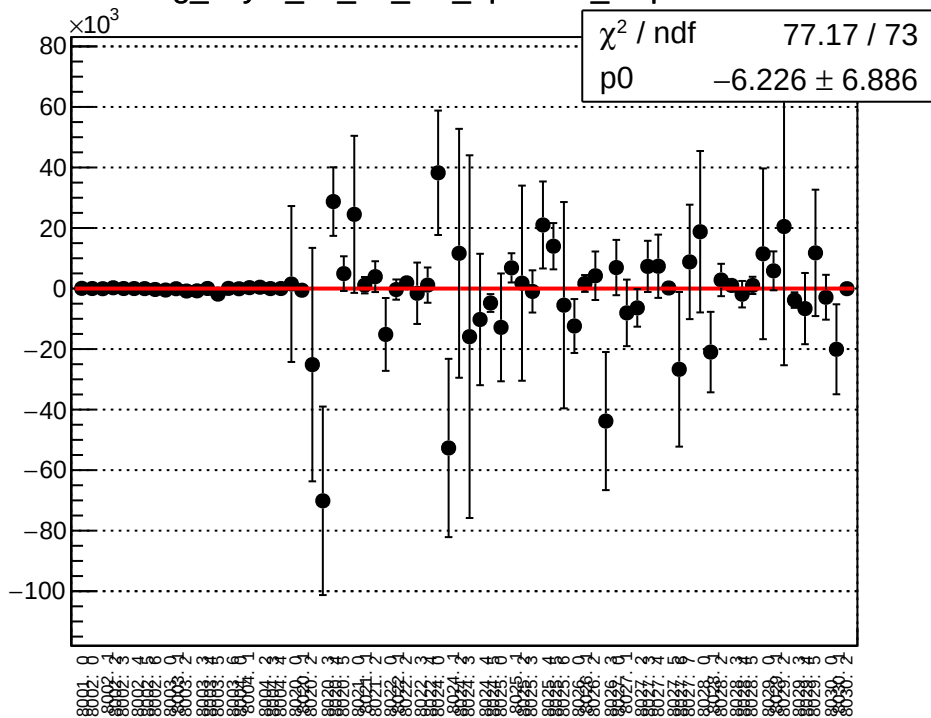
reg\_asym\_ds\_dd\_diff\_bpm4eX\_slope vs run



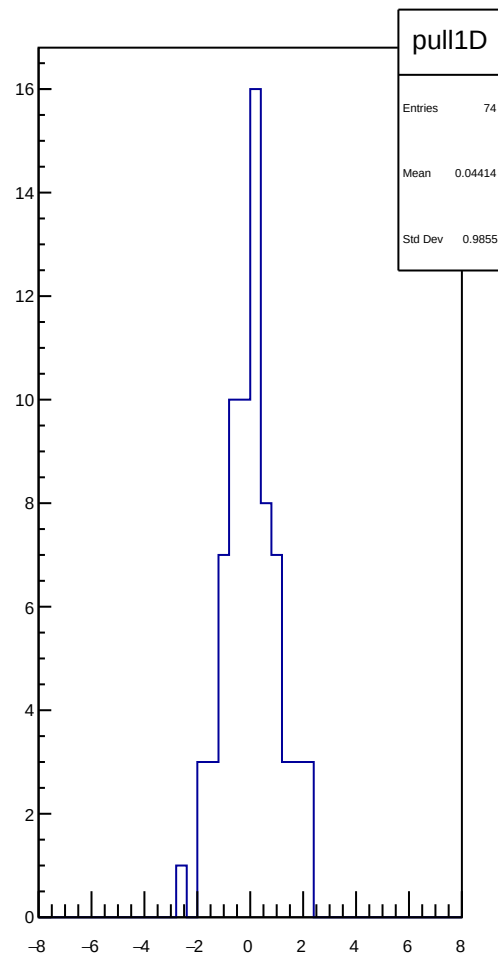
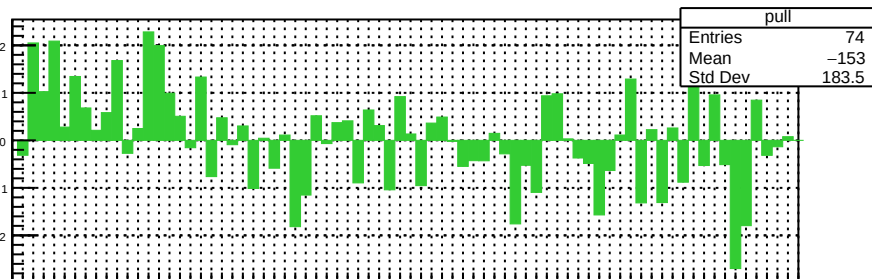
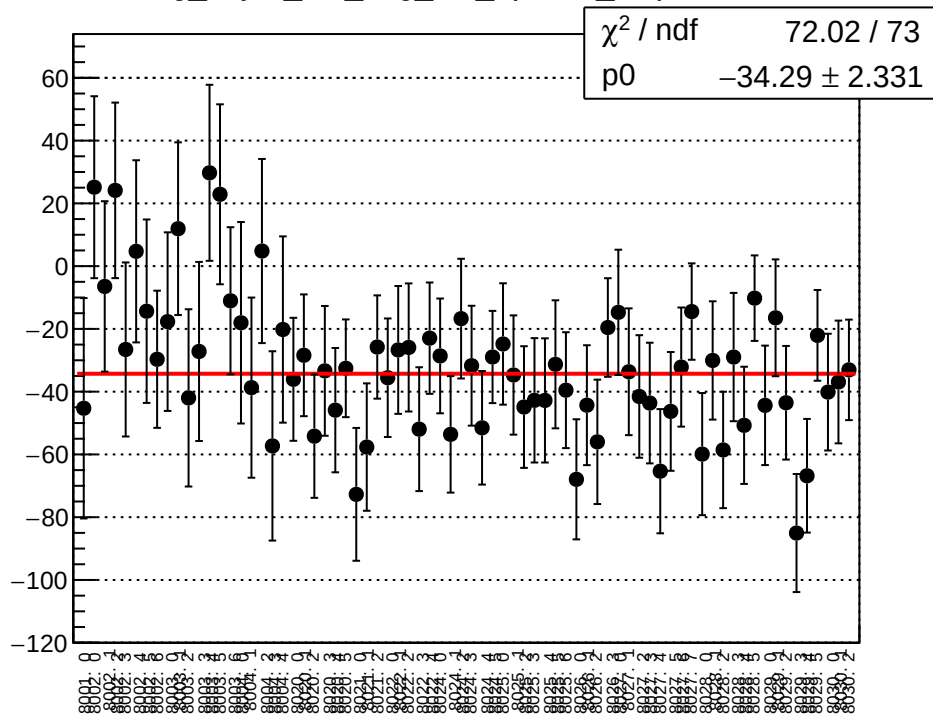
reg\_asym\_ds\_dd\_diff\_bpm4eY\_slope vs run



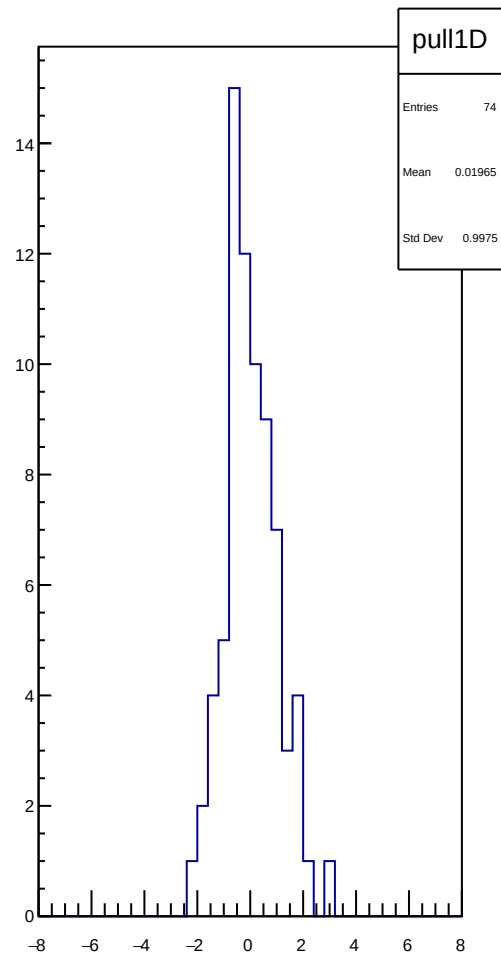
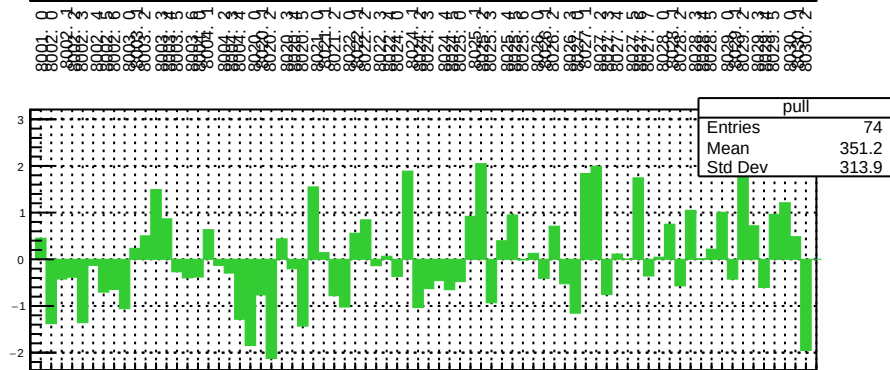
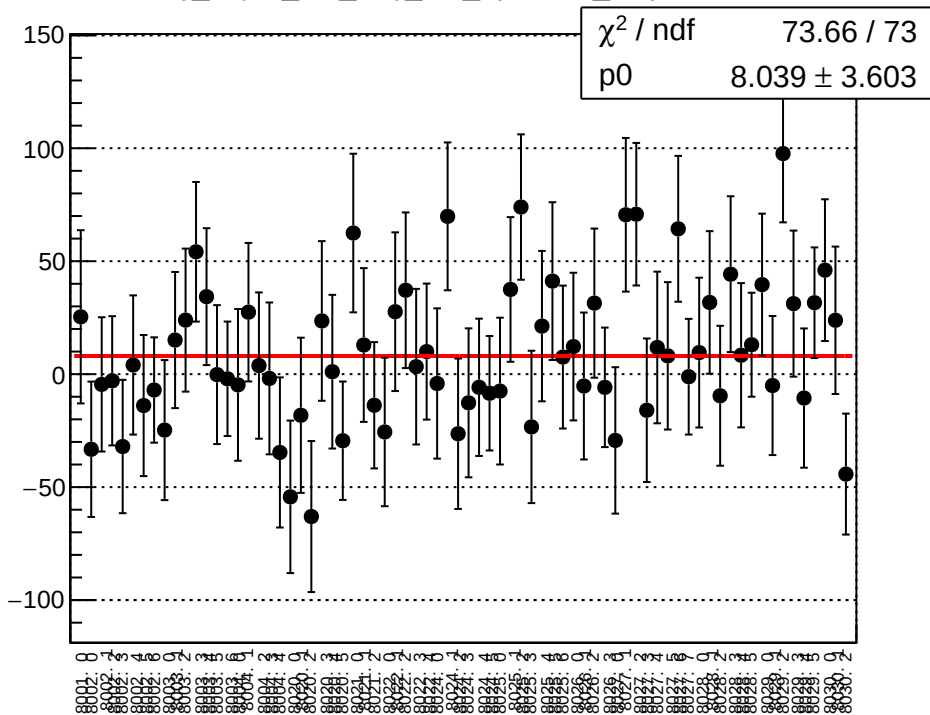
reg\_asym\_ds\_dd\_diff\_bpm12X\_slope vs run



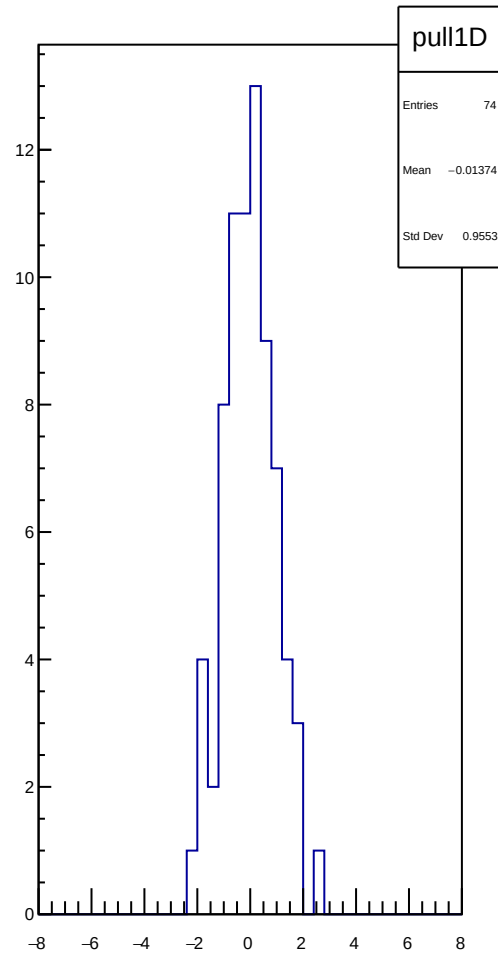
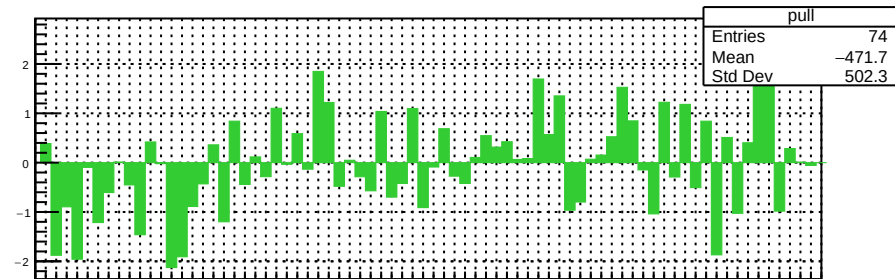
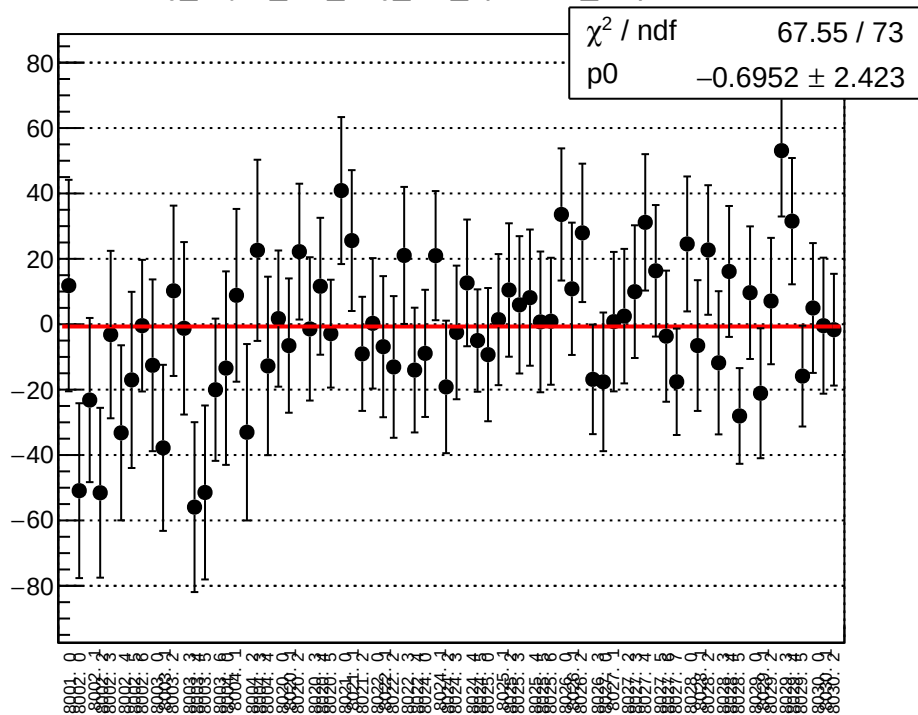
reg\_asym\_left\_avg\_diff\_bpm1X\_slope vs run



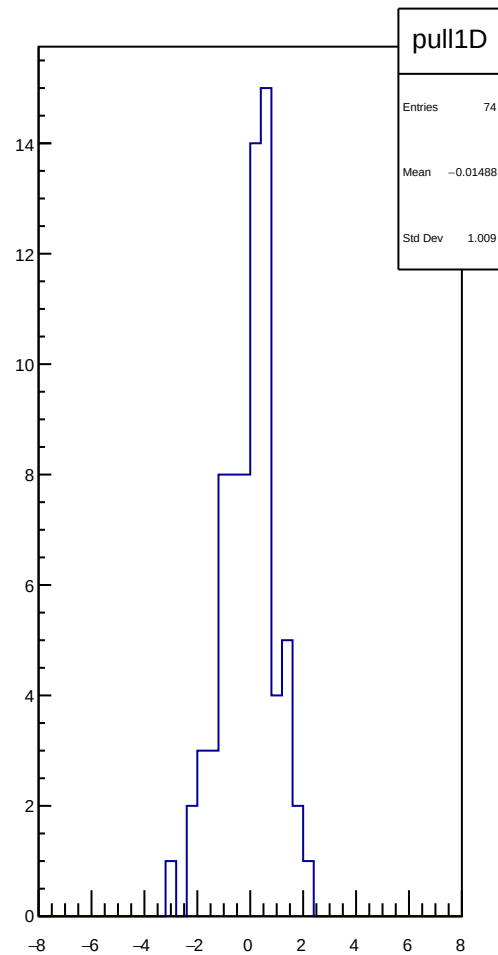
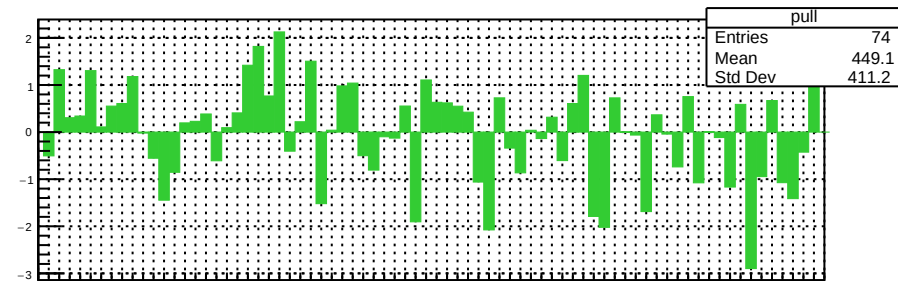
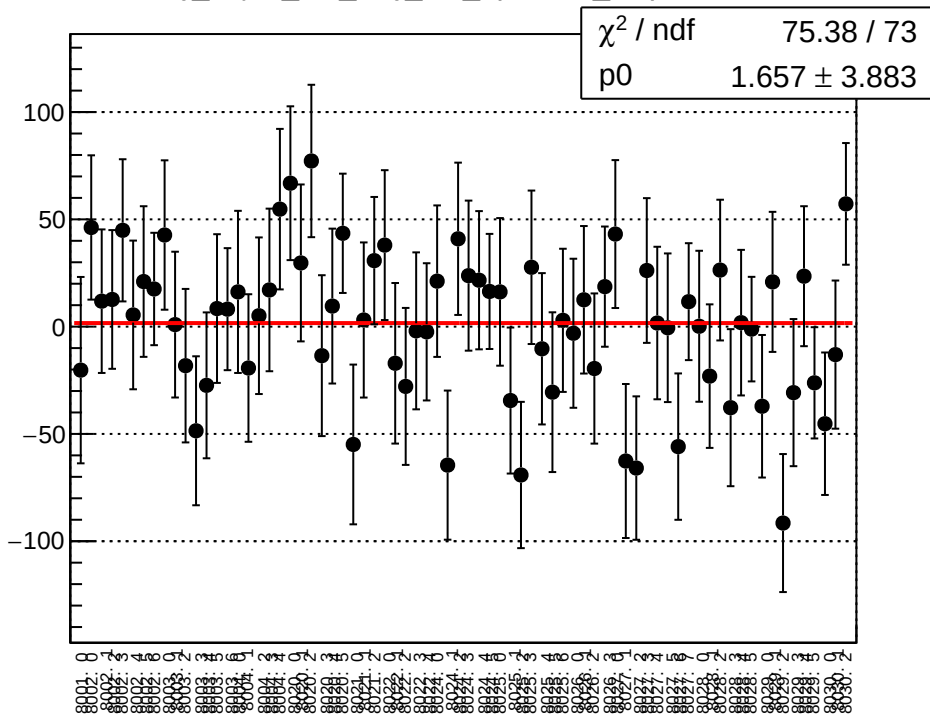
reg\_asym\_left\_avg\_diff\_bpm4aY\_slope vs run



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

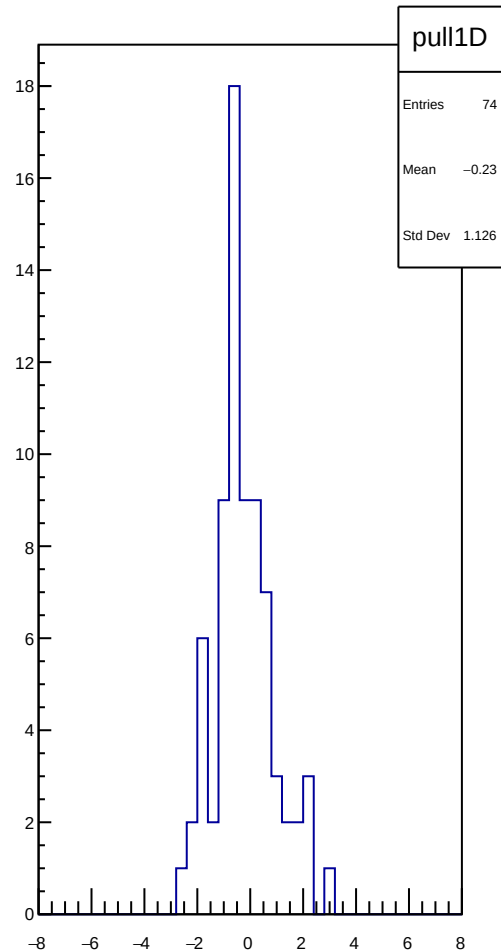
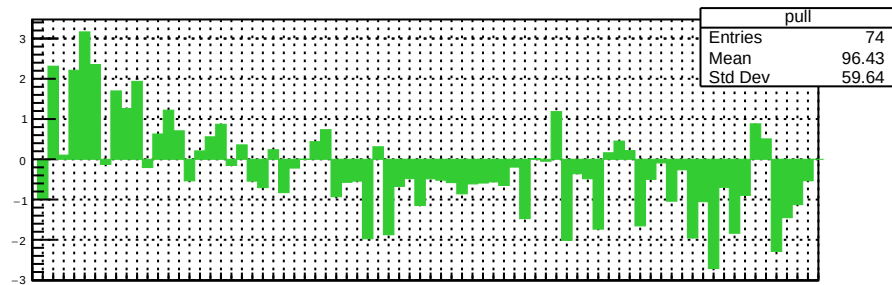
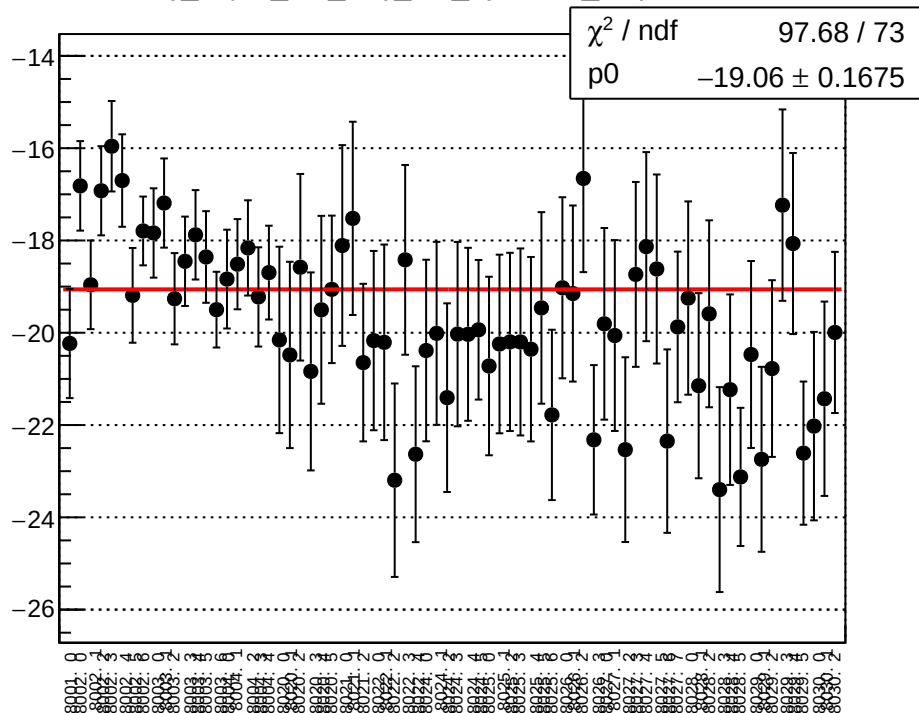


reg\_asym\_left\_avg\_diff\_bpm4eY\_slope vs run

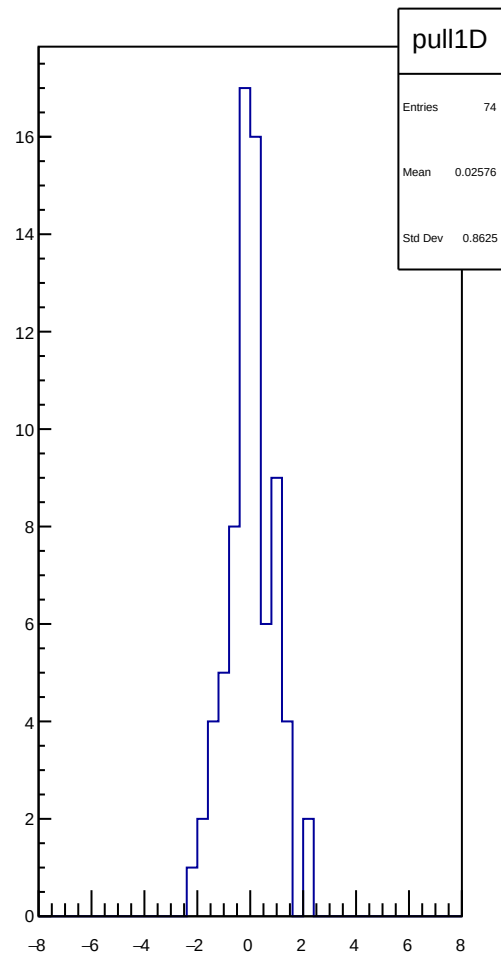
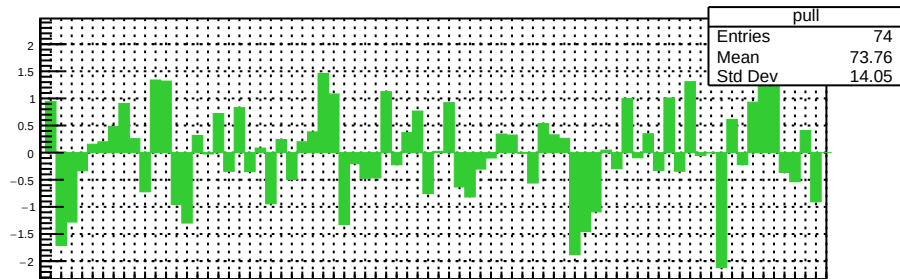
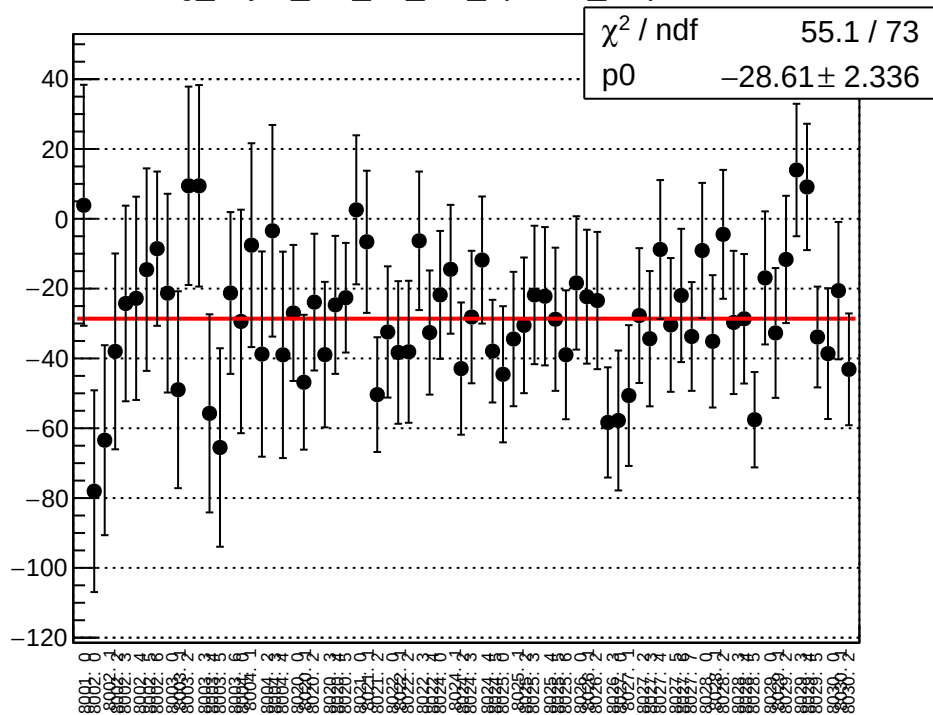




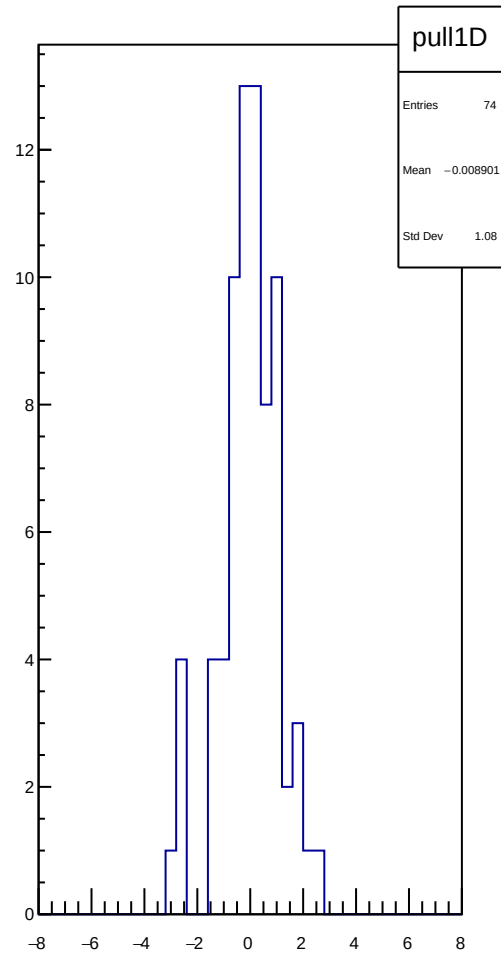
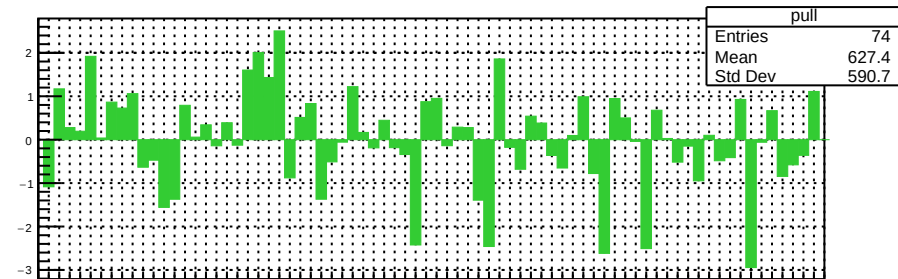
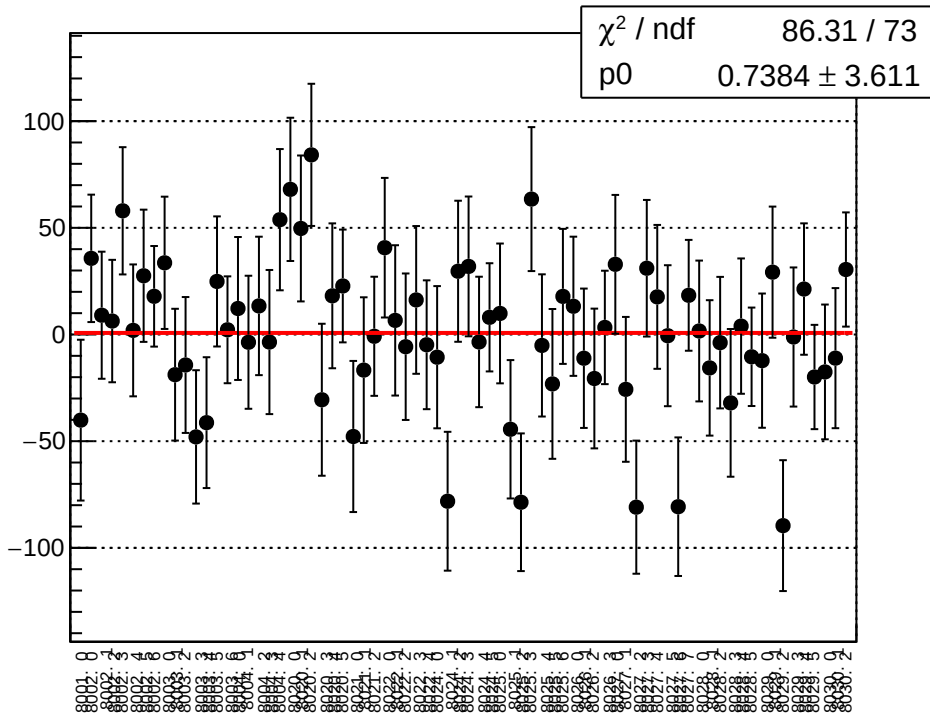
reg\_asym\_left\_avg\_diff\_bpm12X\_slope vs run



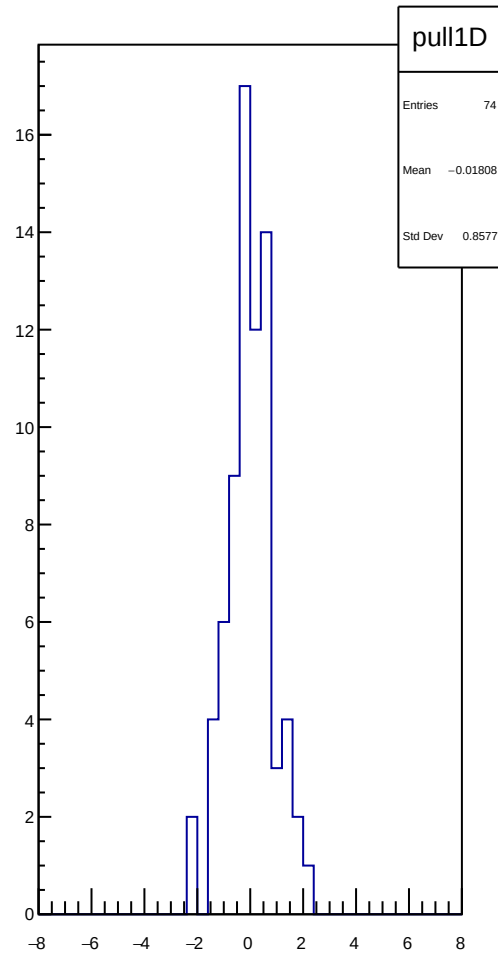
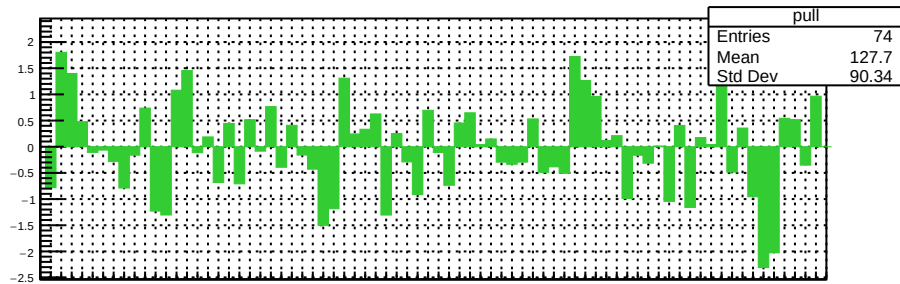
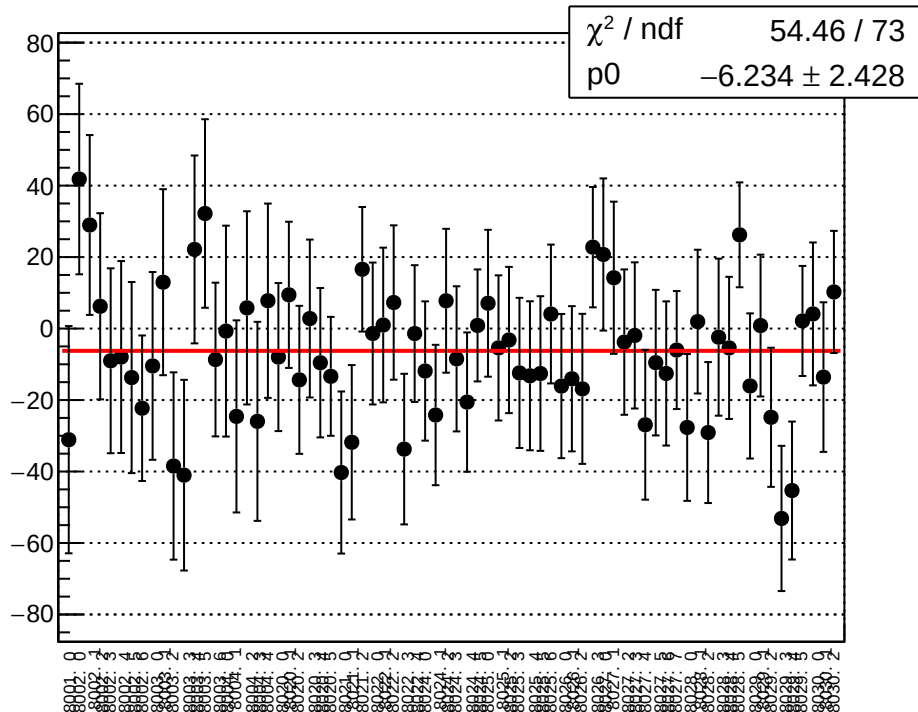
reg\_asym\_left\_dd\_diff\_bpm1X\_slope vs run



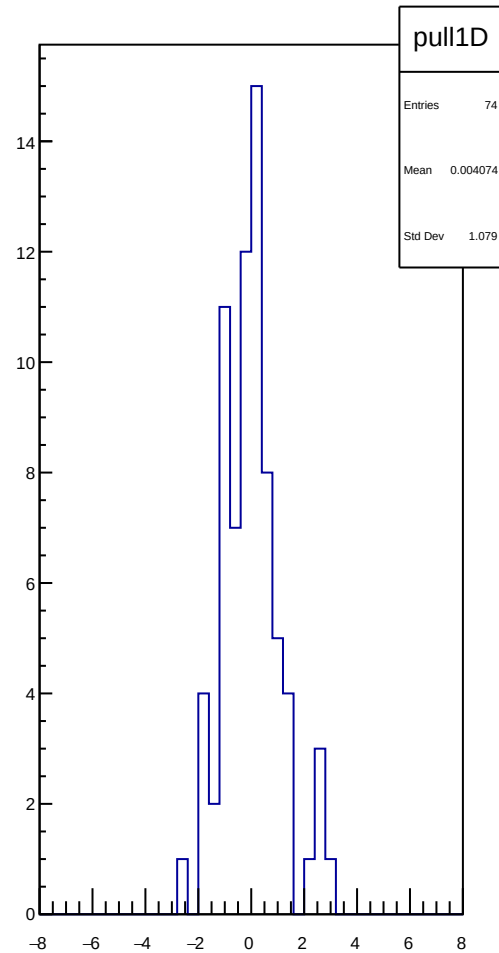
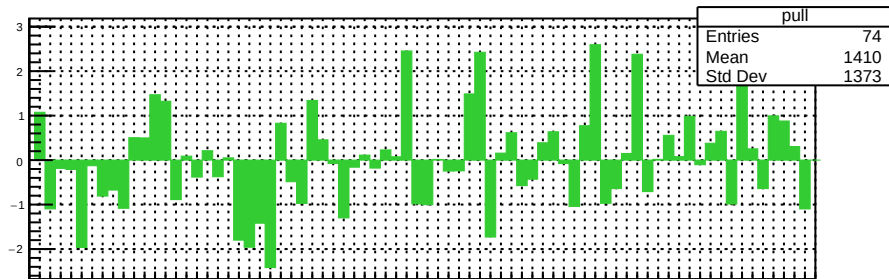
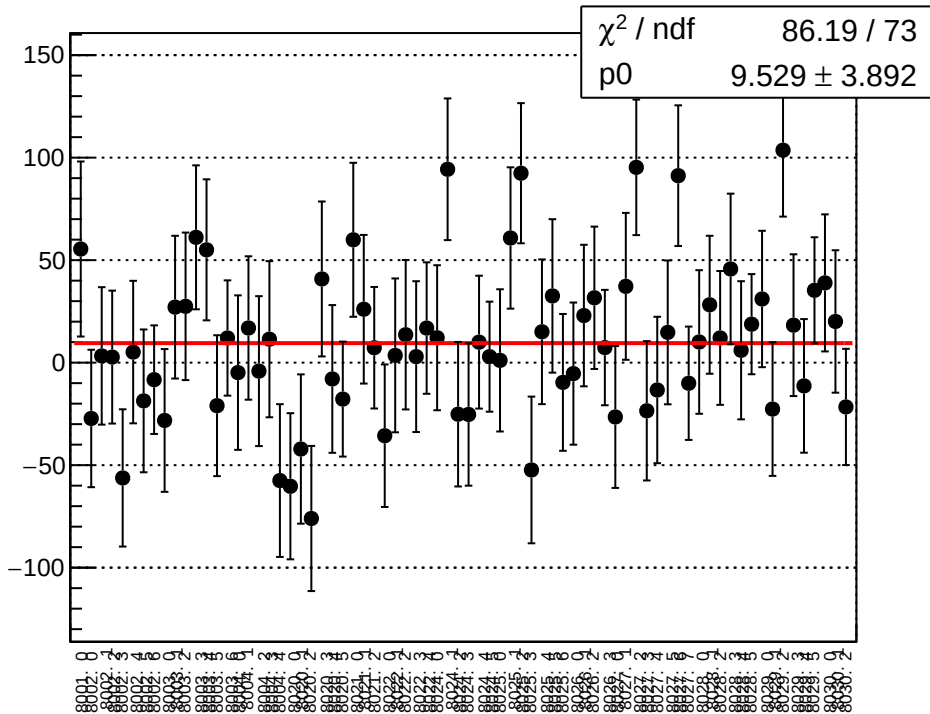
reg\_asym\_left\_dd\_diff\_bpm4aY\_slope vs run



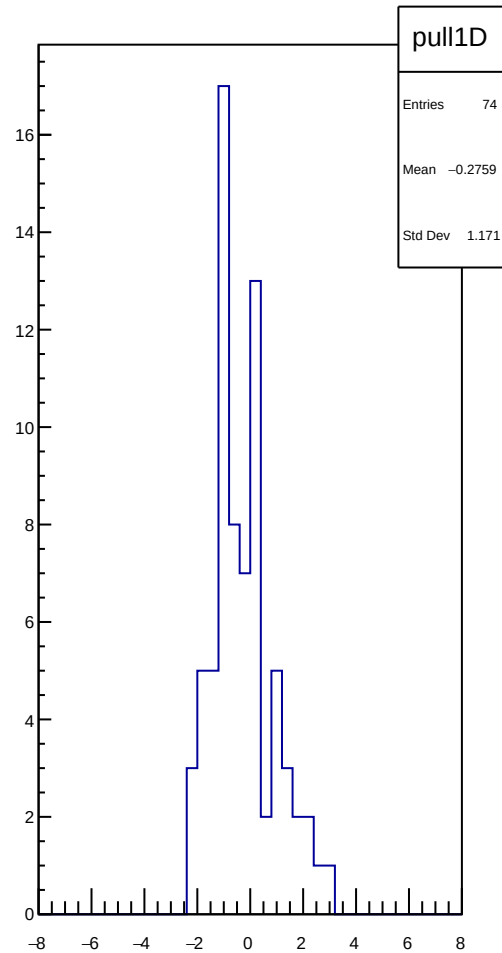
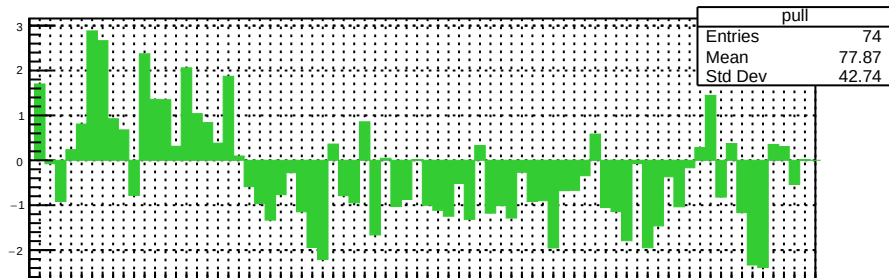
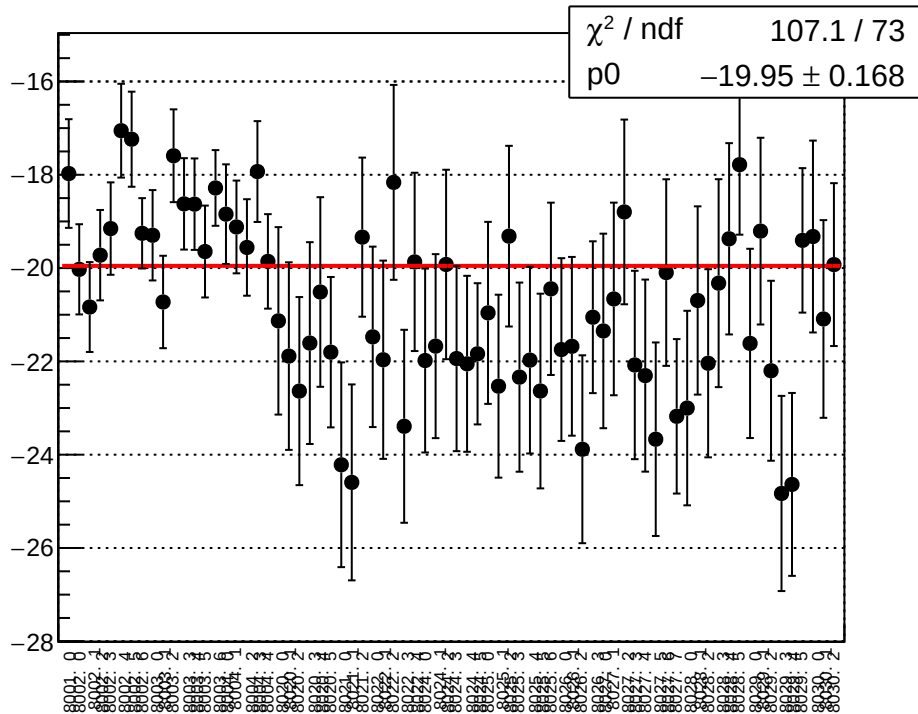
reg\_asym\_left\_dd\_diff\_bpm4eX\_slope vs run



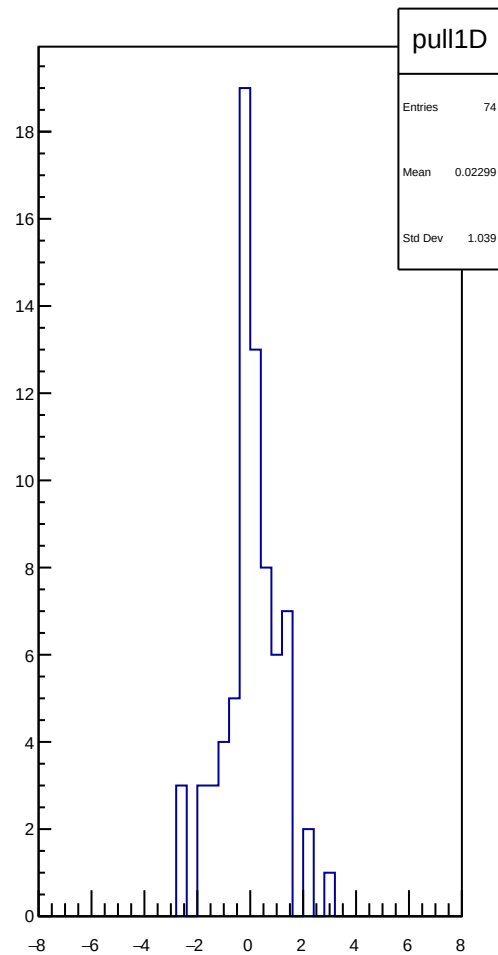
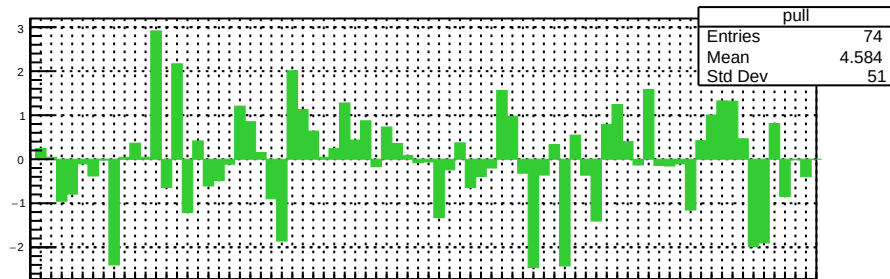
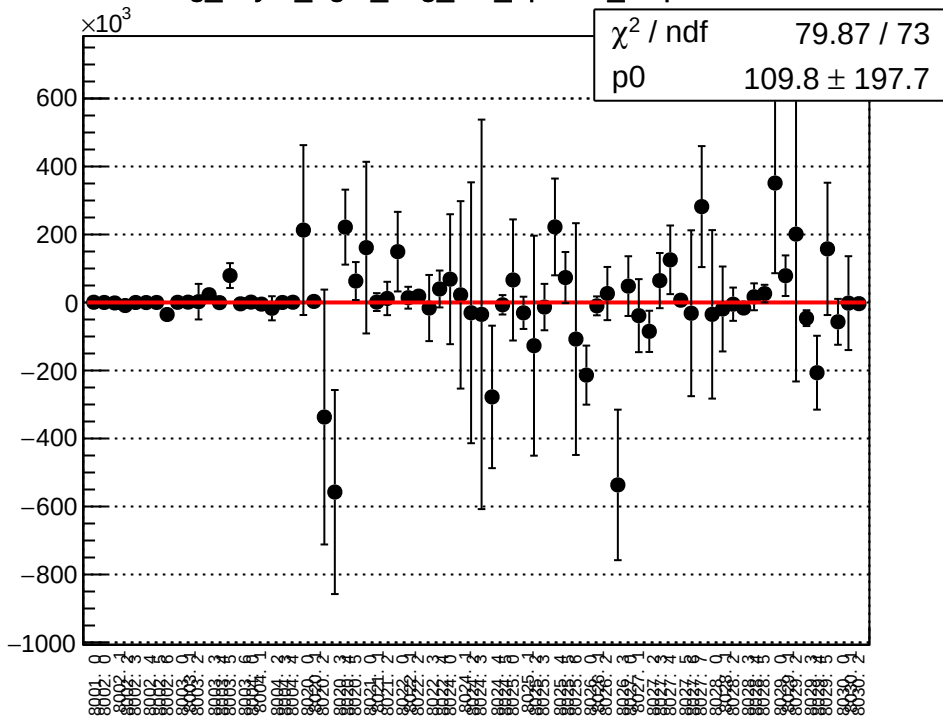
reg\_asym\_left\_dd\_diff\_bpm4eY\_slope vs run



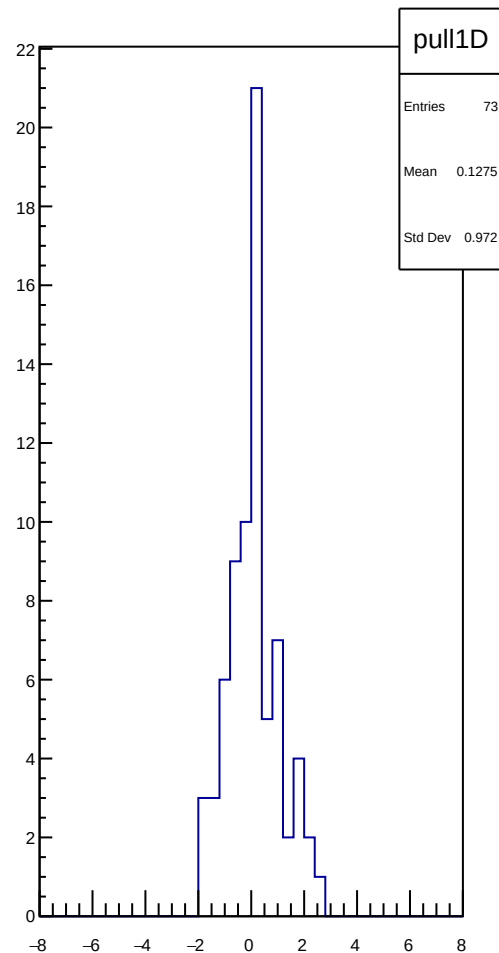
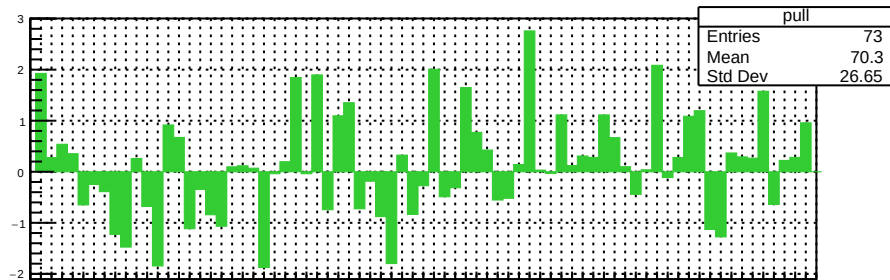
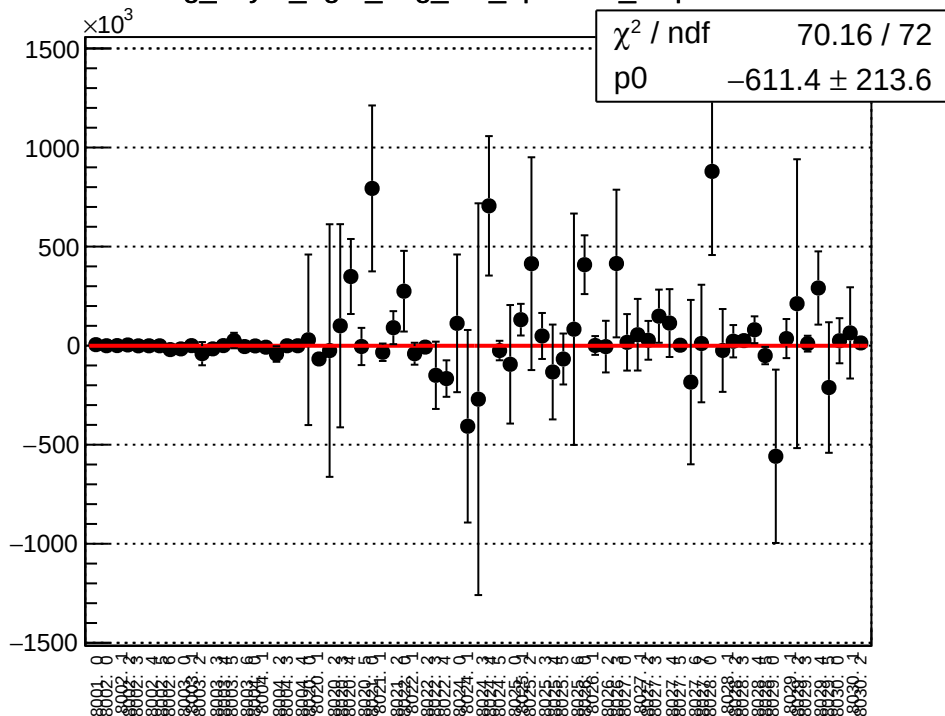
reg\_asym\_left\_dd\_diff\_bpm12X\_slope vs run



reg\_asym\_right\_avg\_diff\_bpm1X\_slope vs run

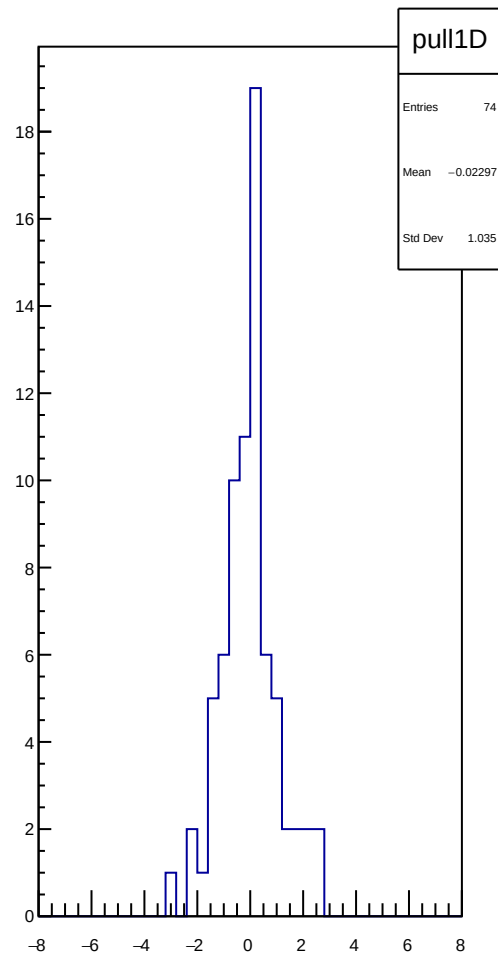
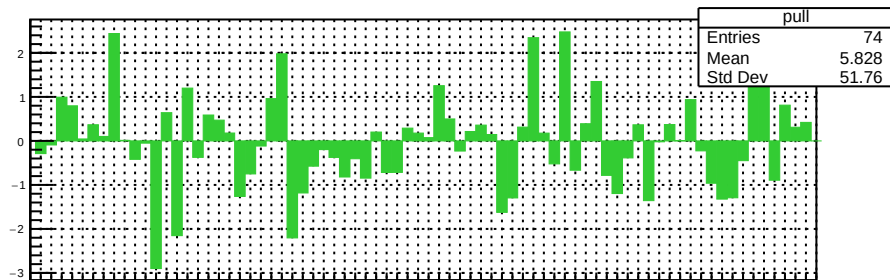
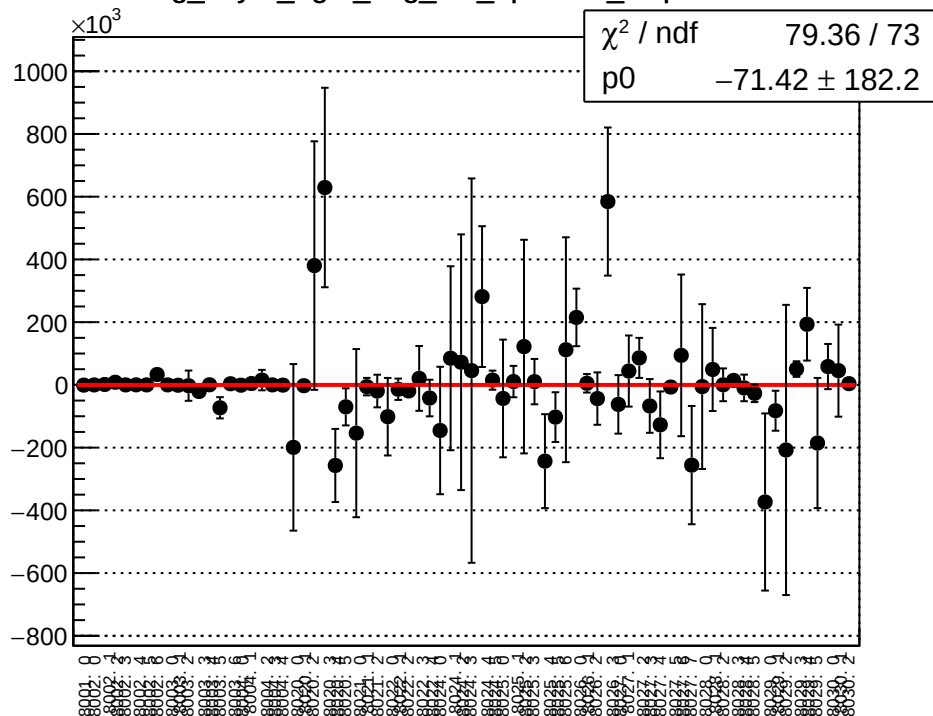


reg\_asym\_right\_avg\_diff\_bpm4aY\_slope vs run

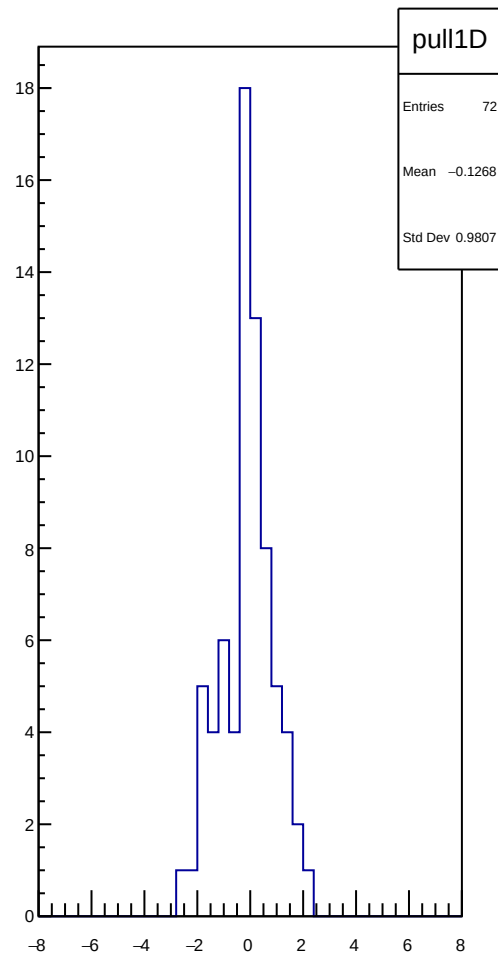
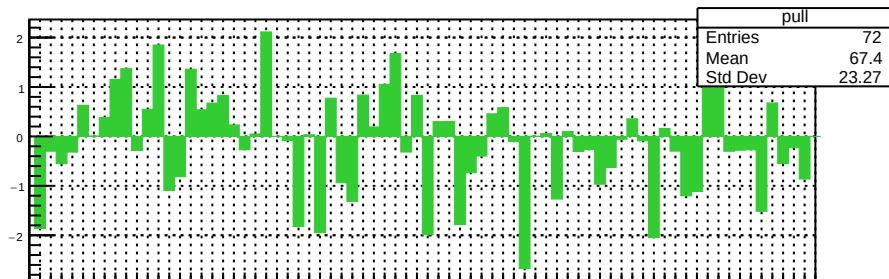
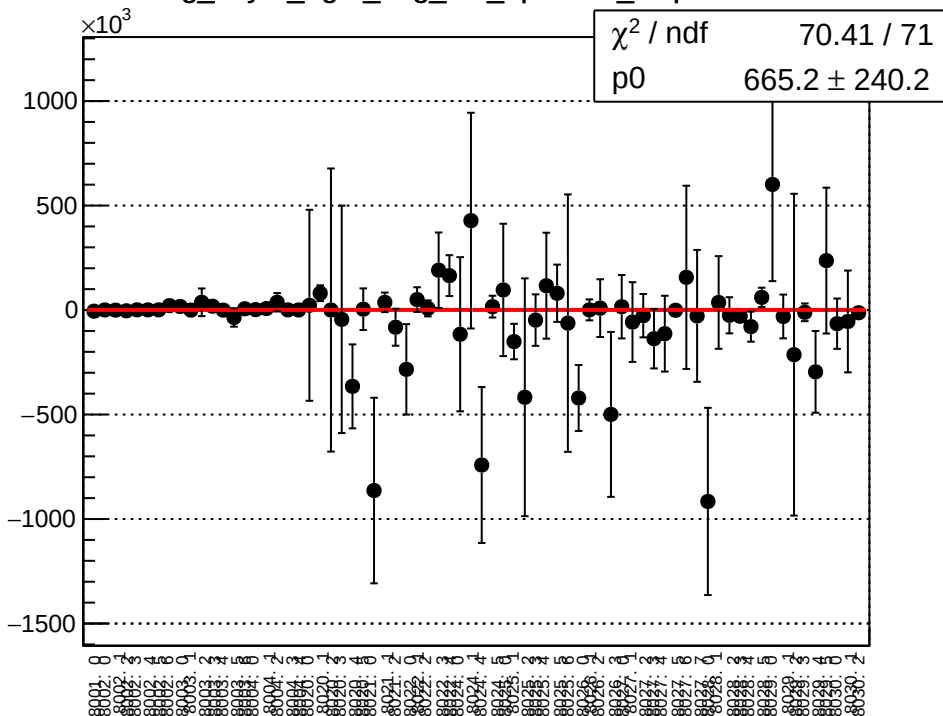




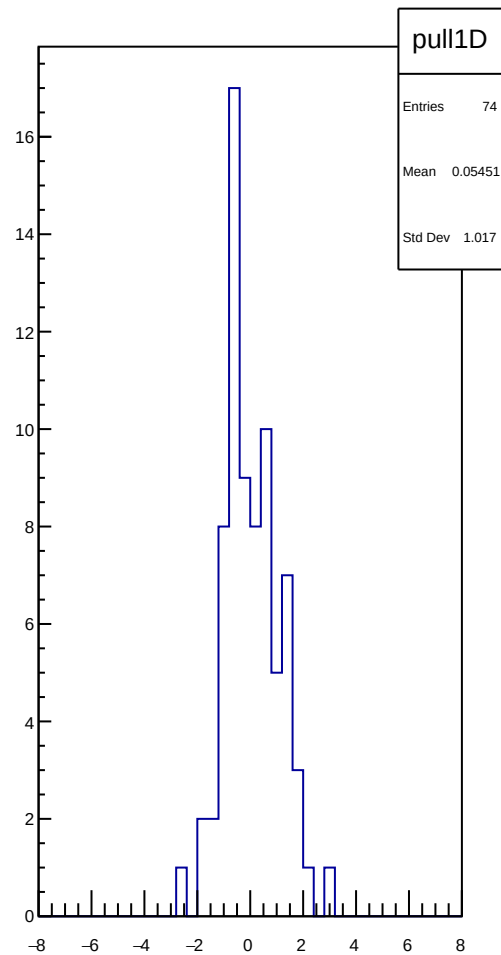
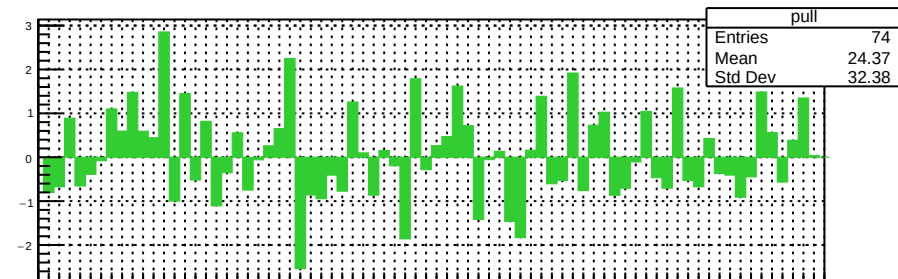
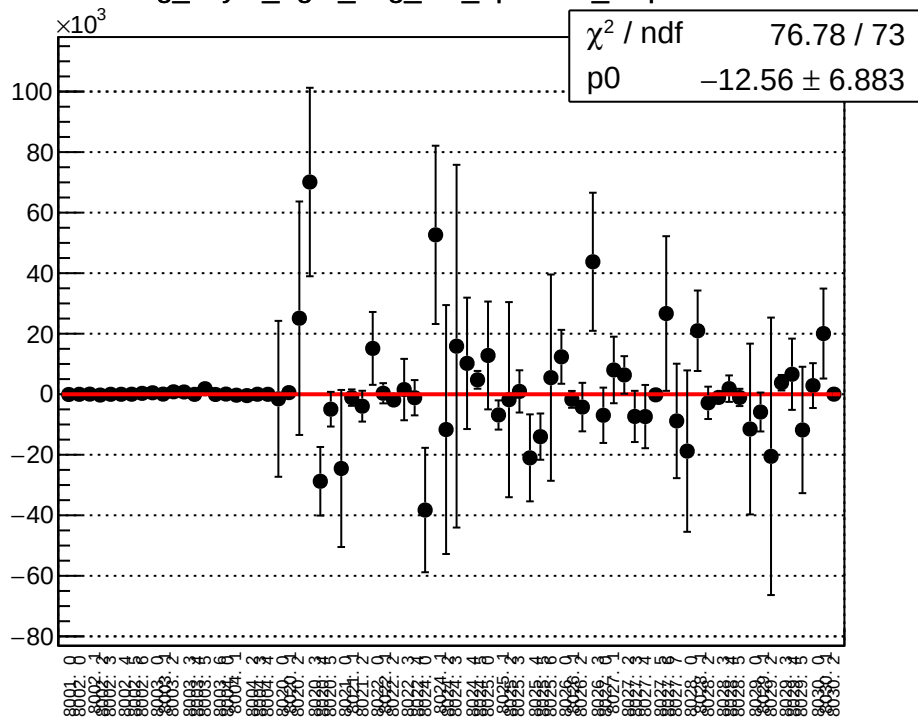
reg\_asym\_right\_avg\_diff\_bpm4eX\_slope vs run



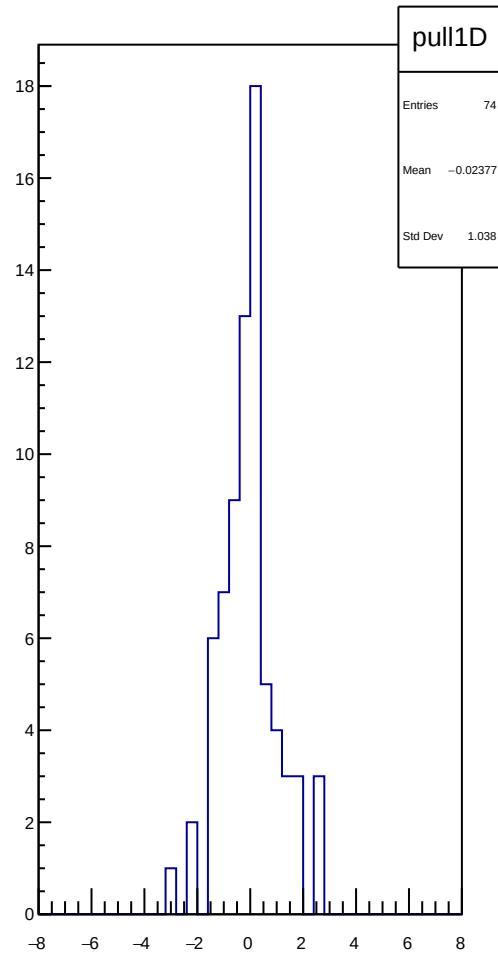
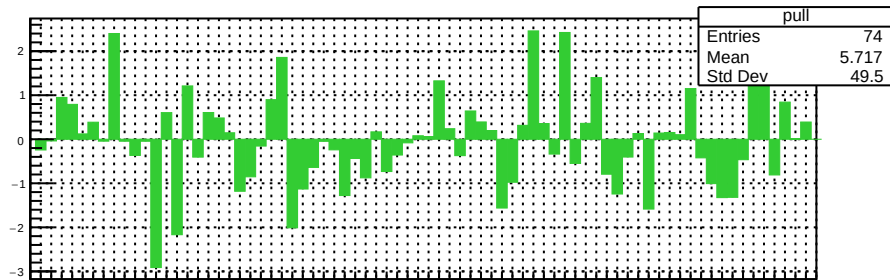
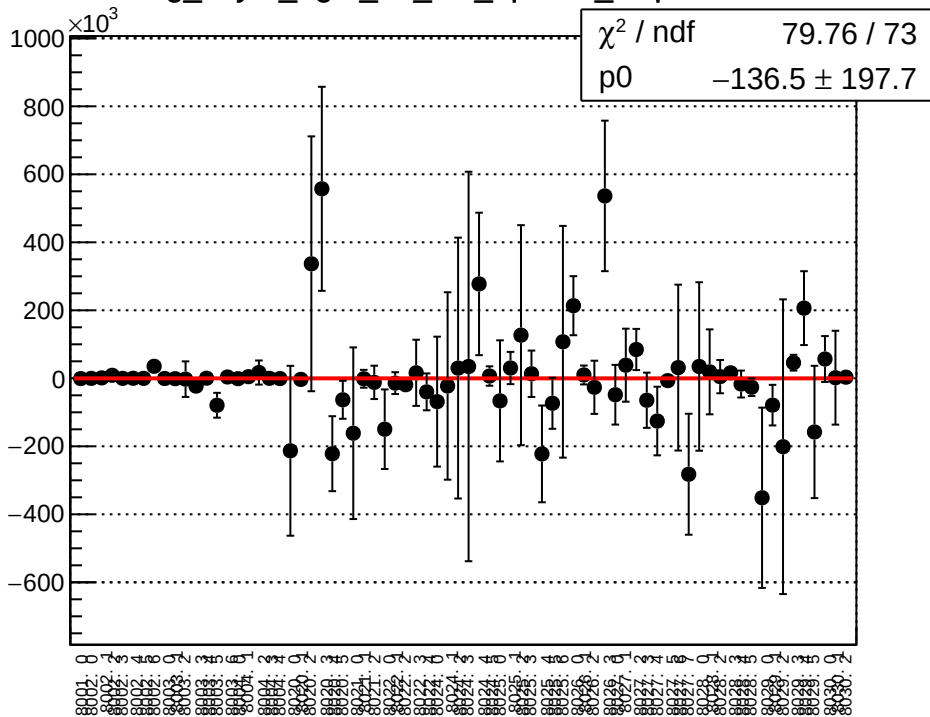
reg\_asym\_right\_avg\_diff\_bpm4eY\_slope vs run



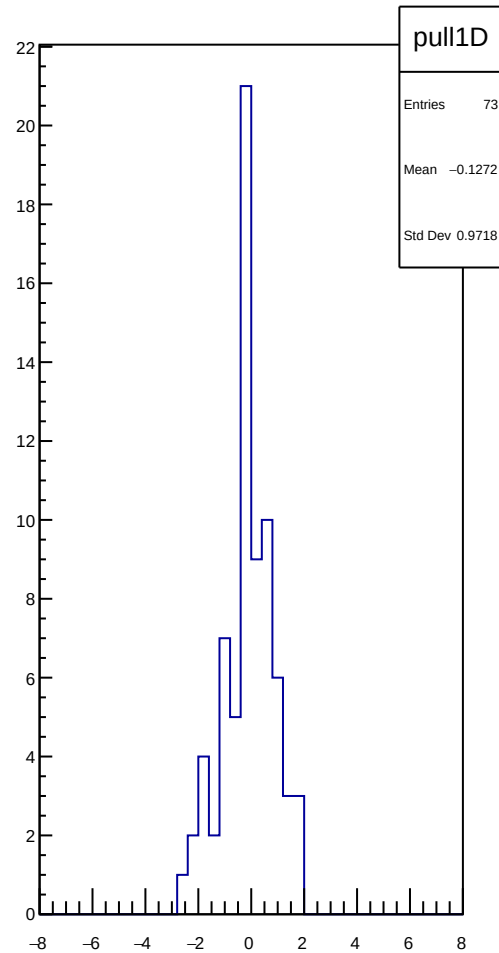
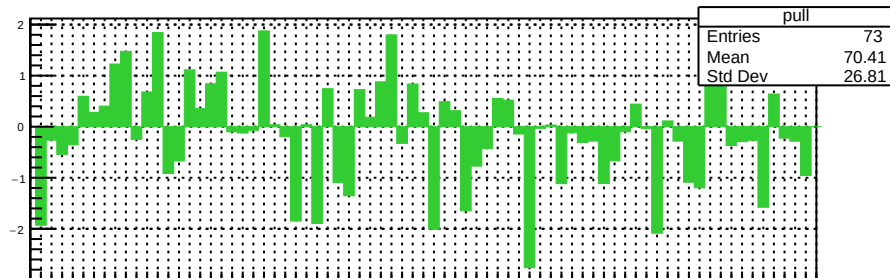
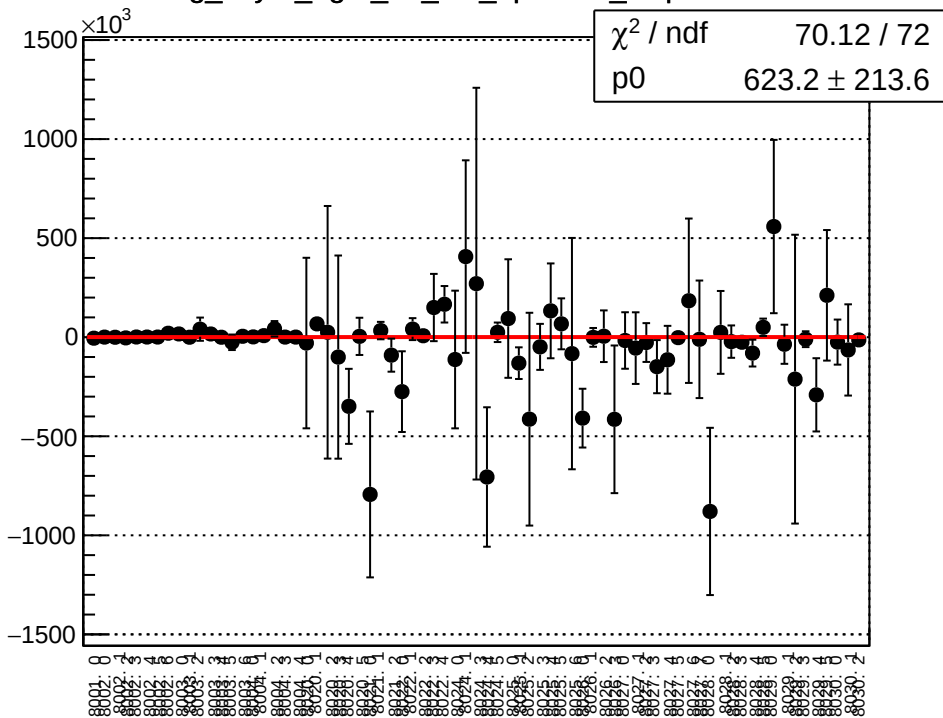
reg\_asym\_right\_avg\_diff\_bpm12X\_slope vs run



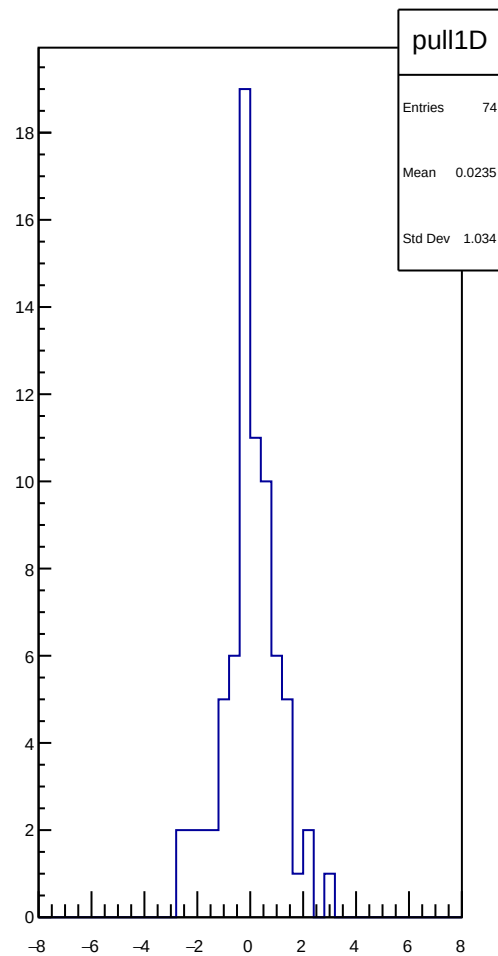
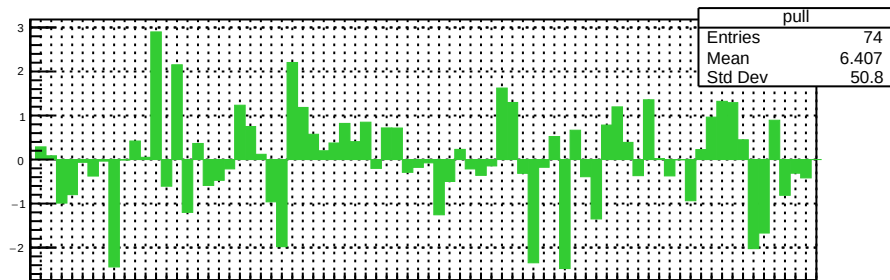
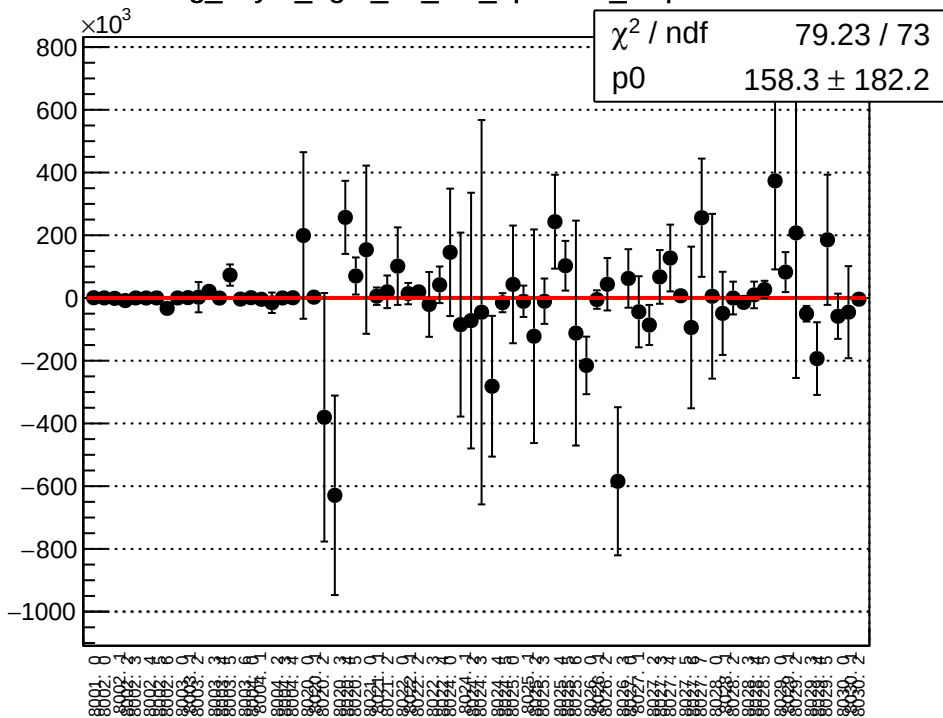
reg\_asym\_right\_dd\_diff\_bpm1X\_slope vs run



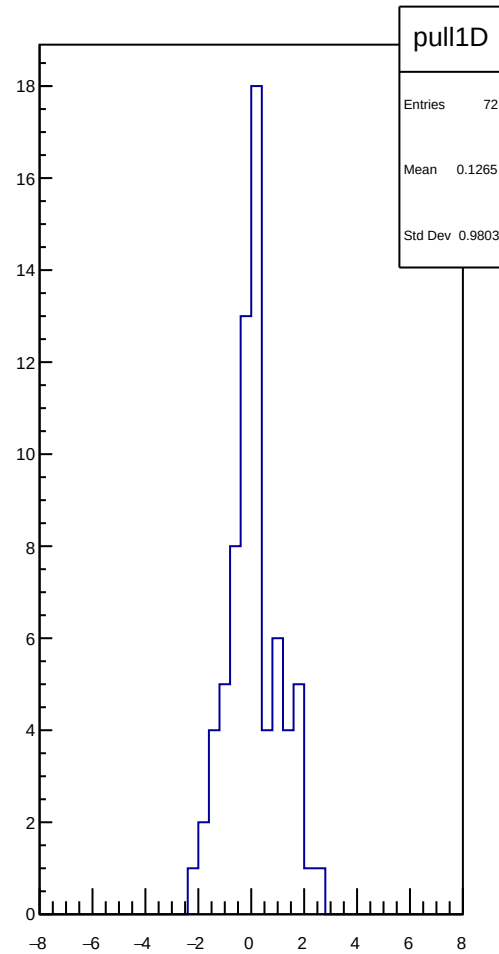
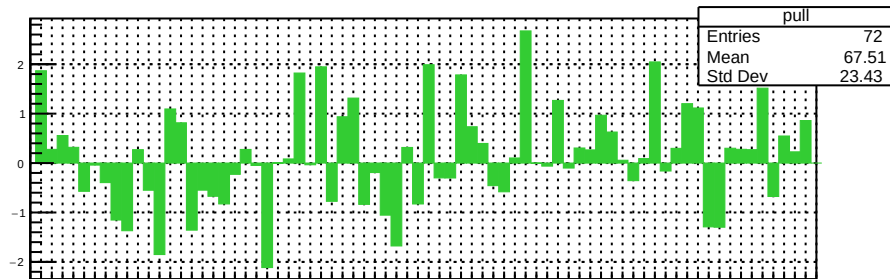
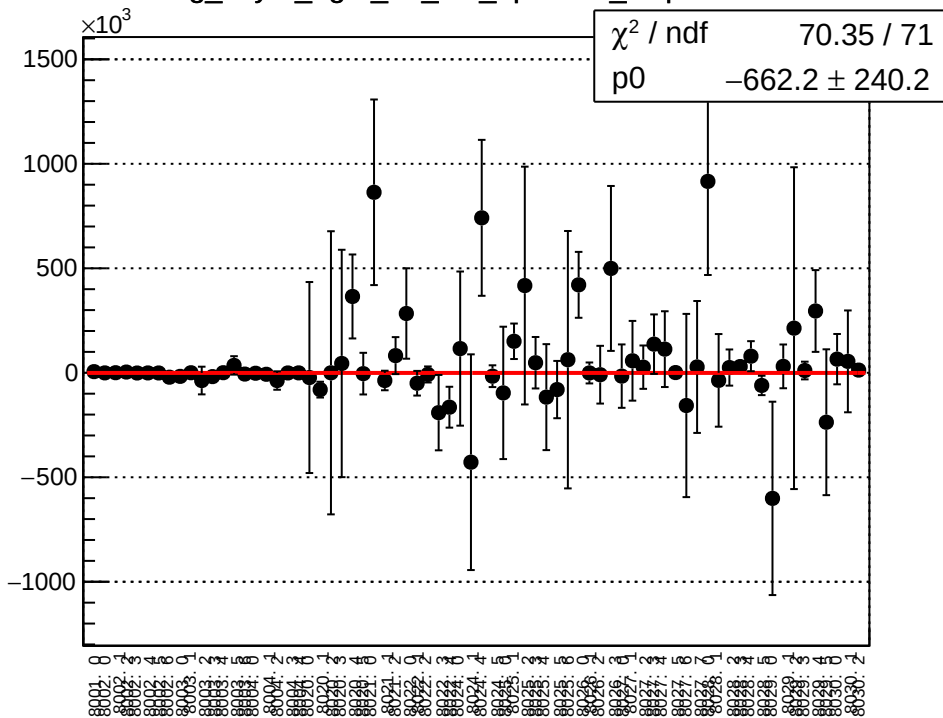
reg\_asym\_right\_dd\_diff\_bpm4aY\_slope vs run



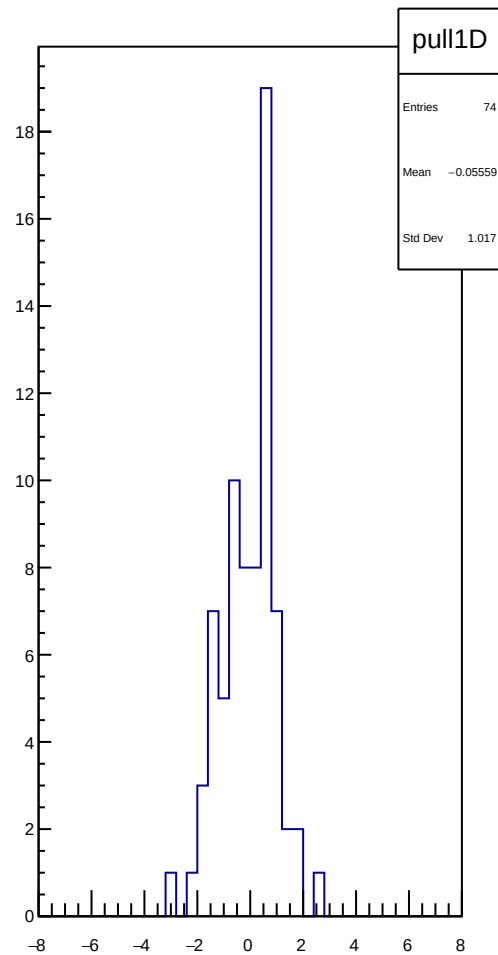
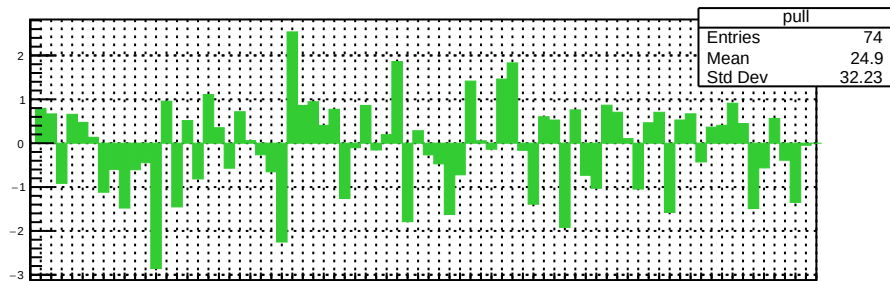
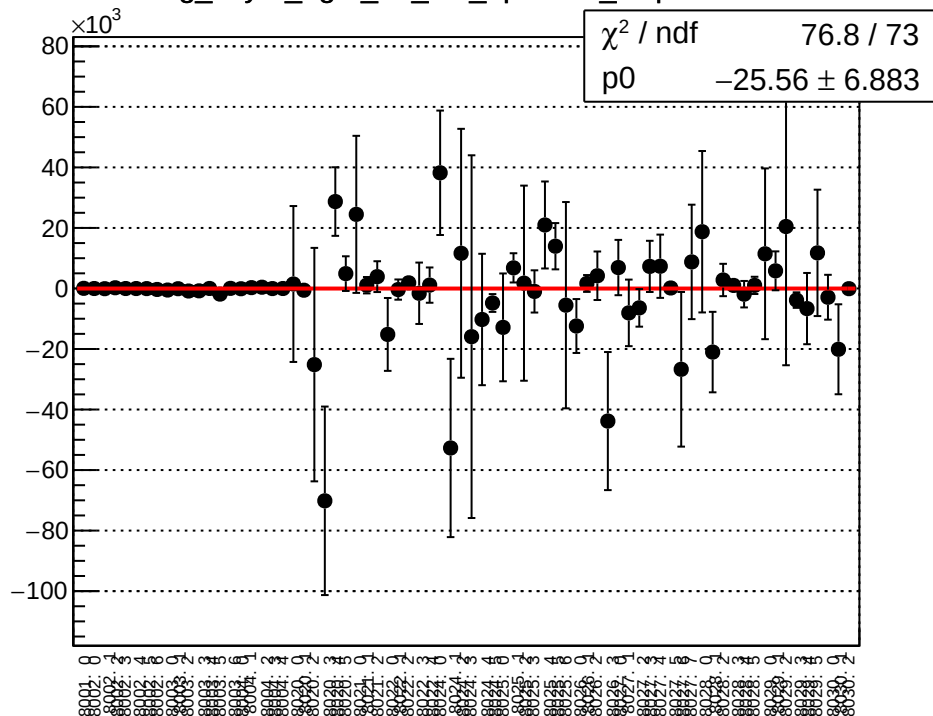
reg\_asym\_right\_dd\_diff\_bpm4eX\_slope vs run



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

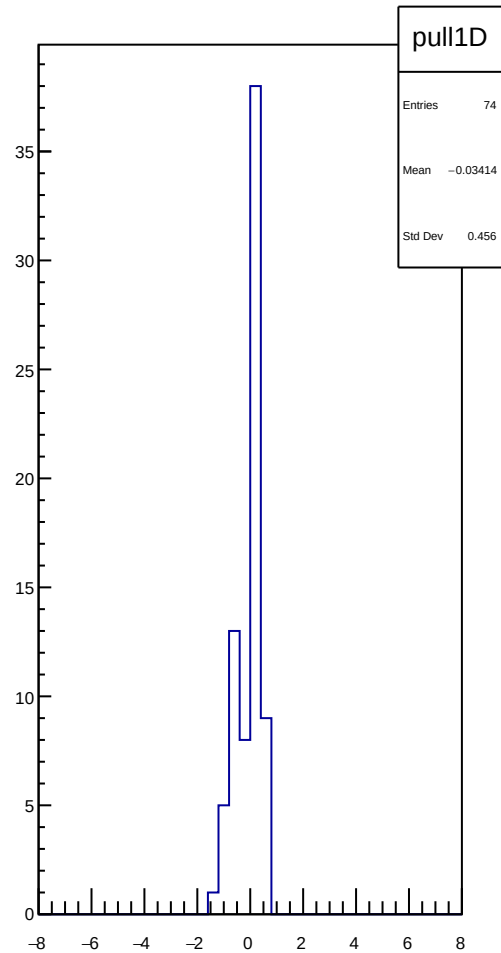
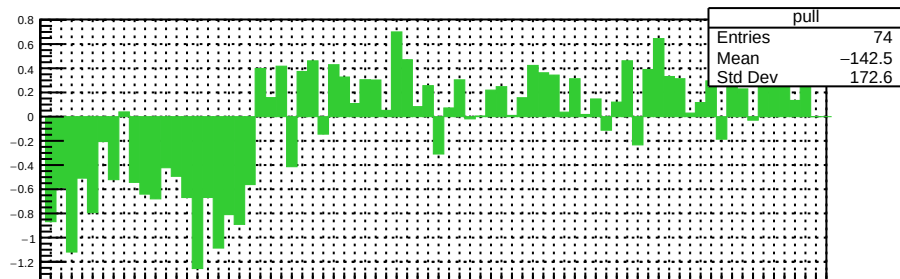
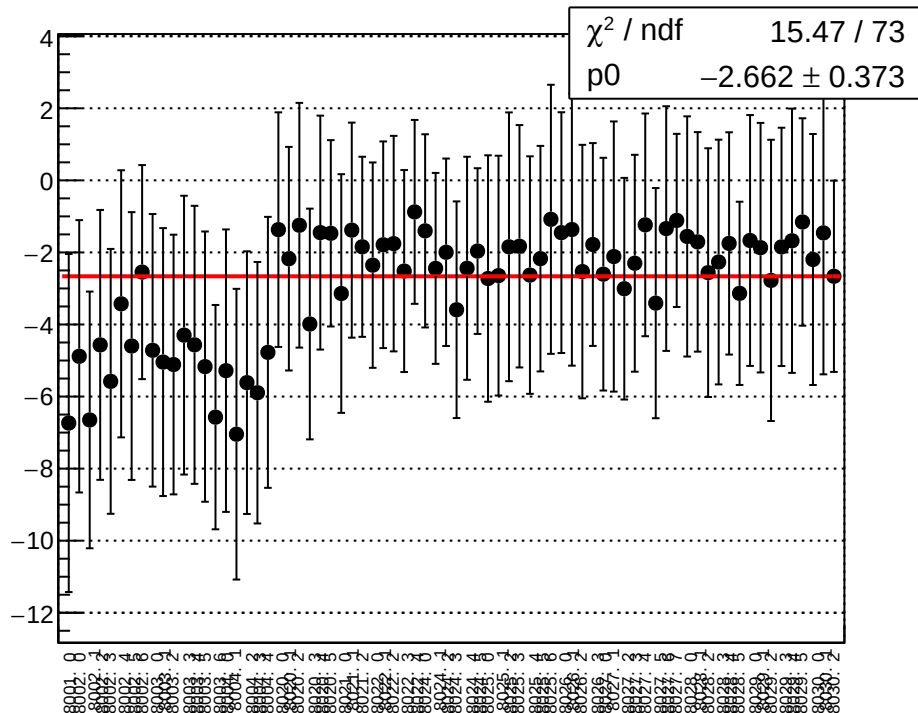


reg\_asym\_right\_dd\_diff\_bpm12X\_slope vs run

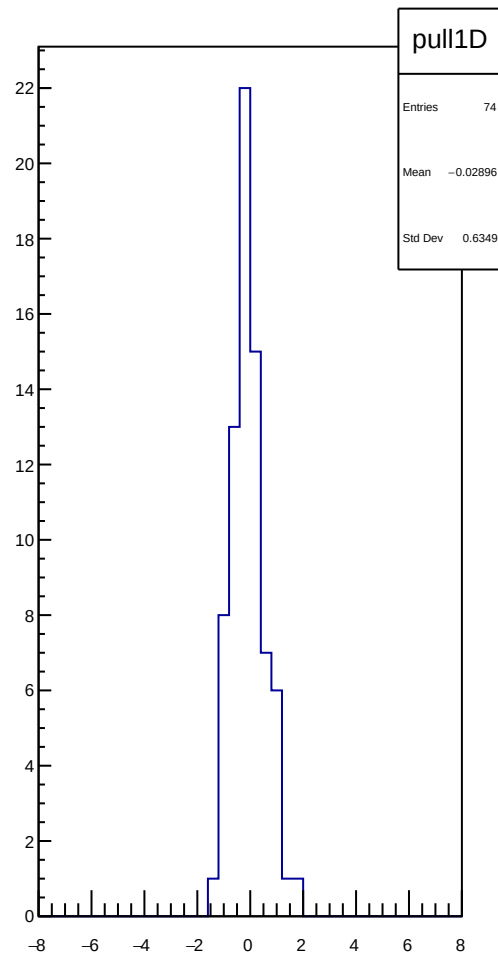
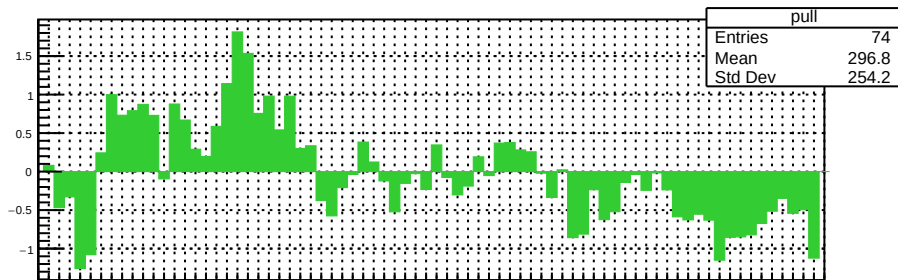
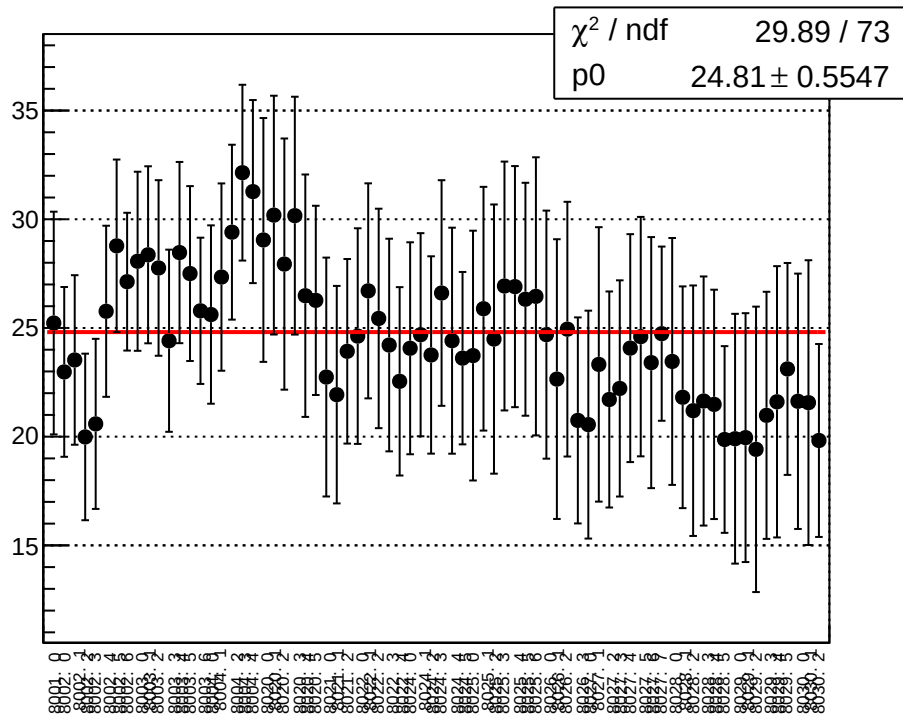




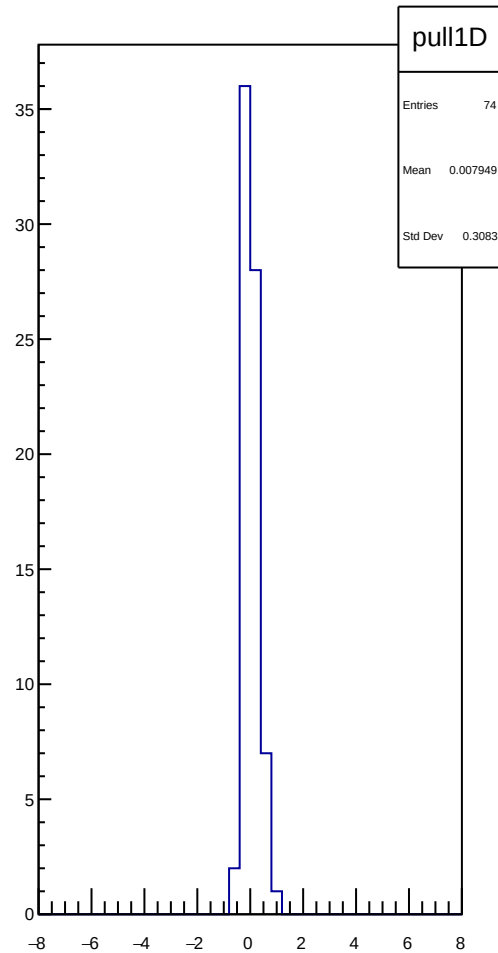
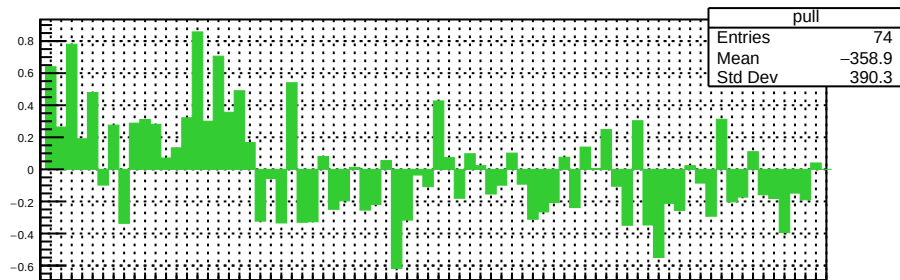
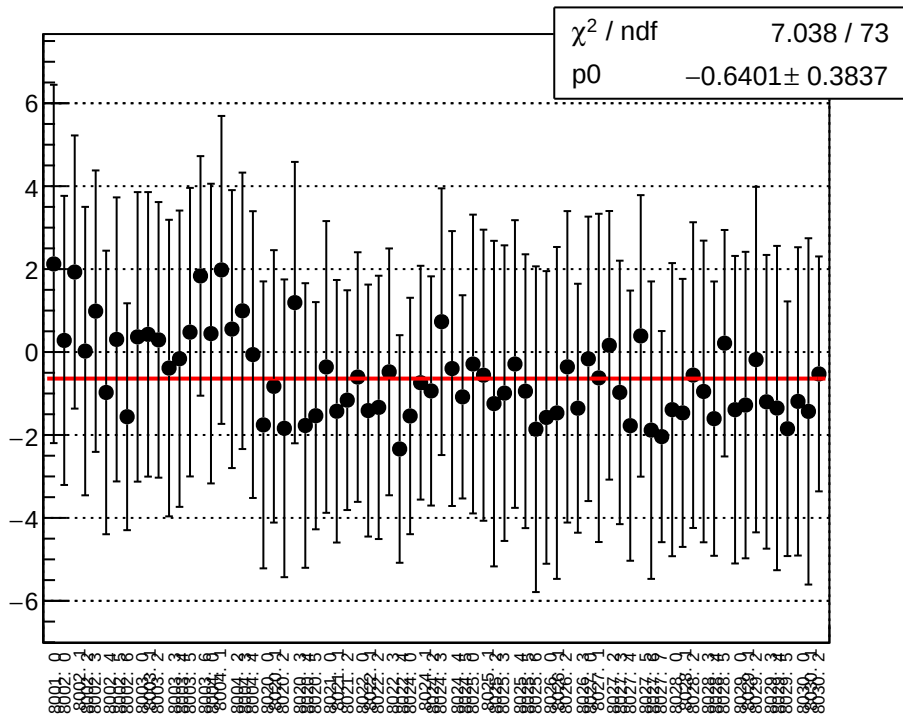
reg\_asym\_sam\_15\_avg\_diff\_bpm1X\_slope vs run



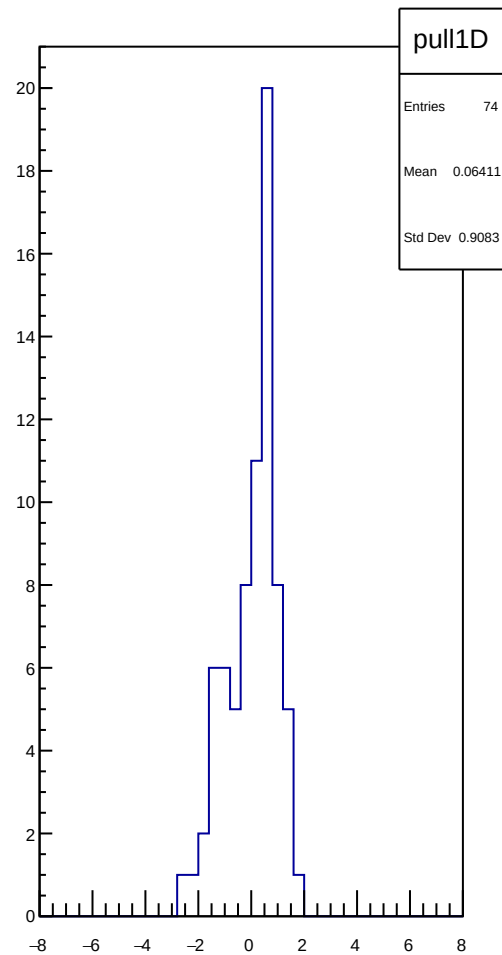
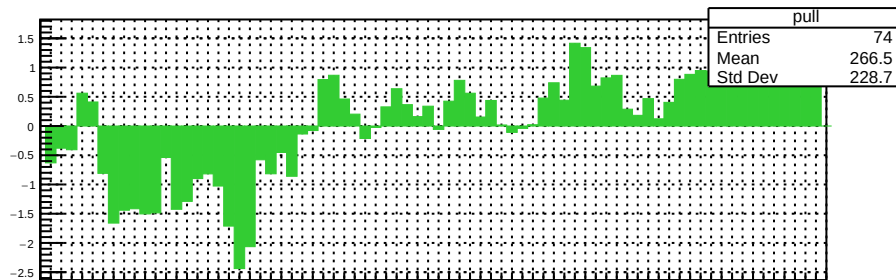
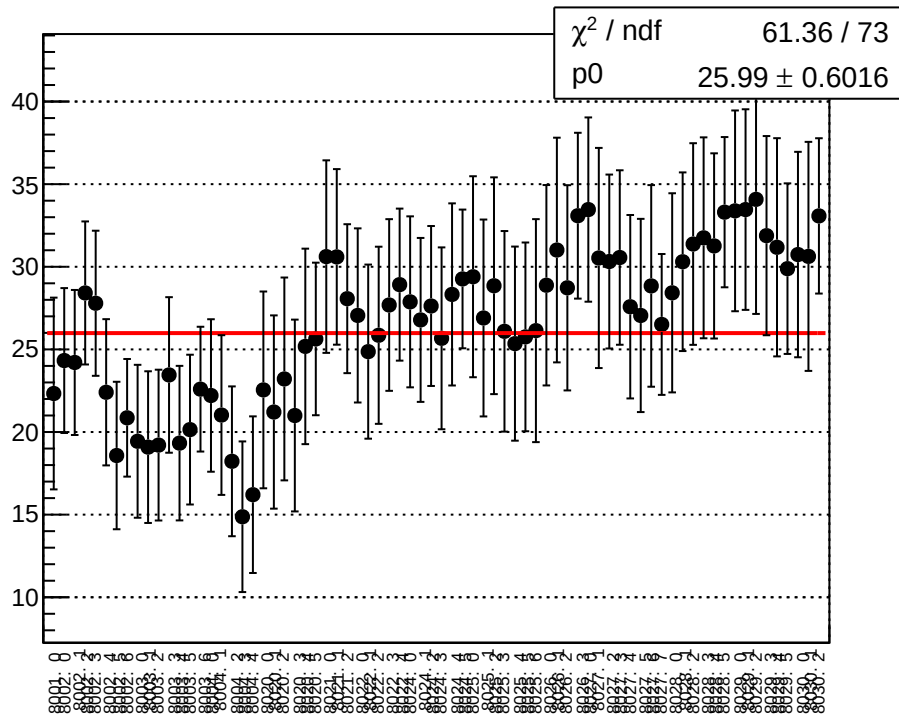
reg\_asym\_sam\_15\_avg\_diff\_bpm4aY\_slope vs run



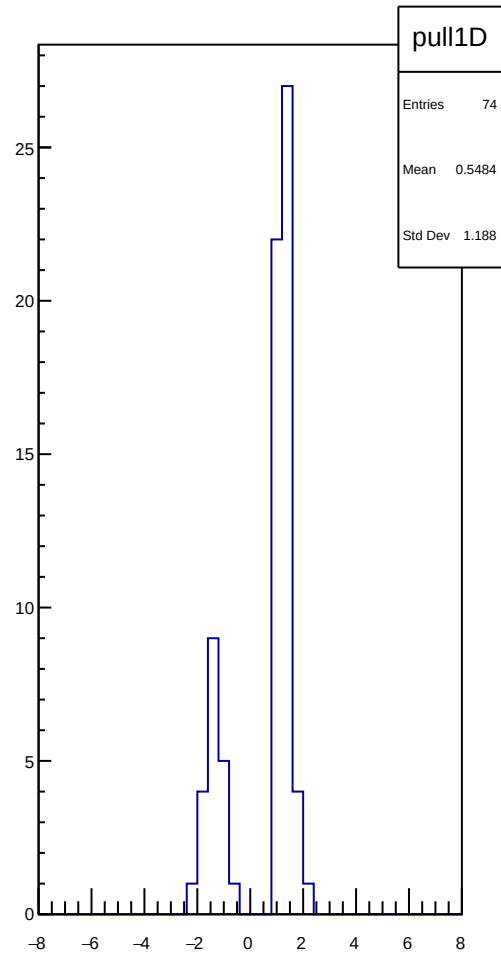
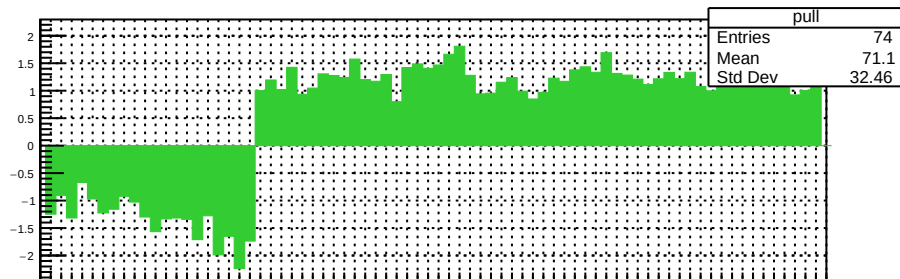
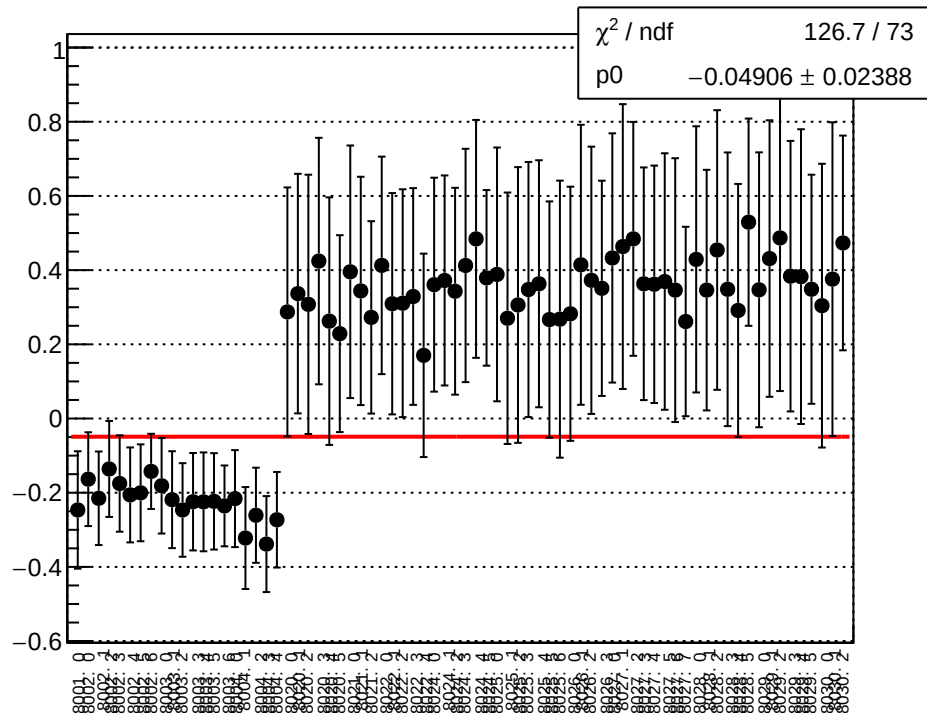
reg\_asym\_sam\_15\_avg\_diff\_bpm4eX\_slope vs run



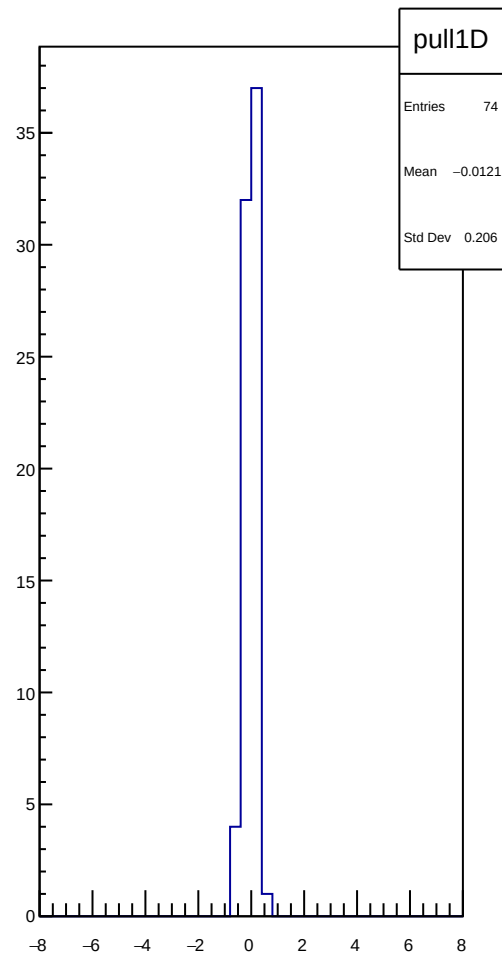
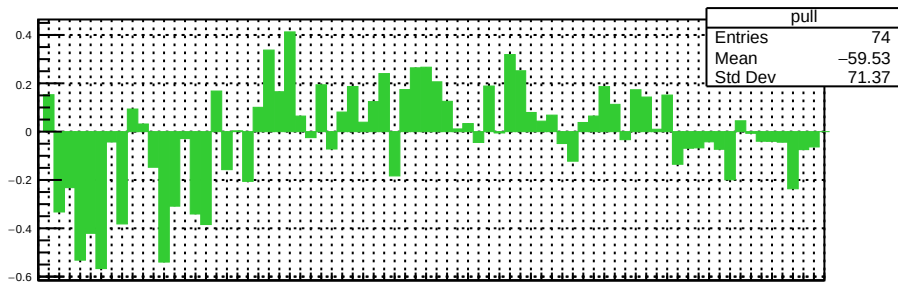
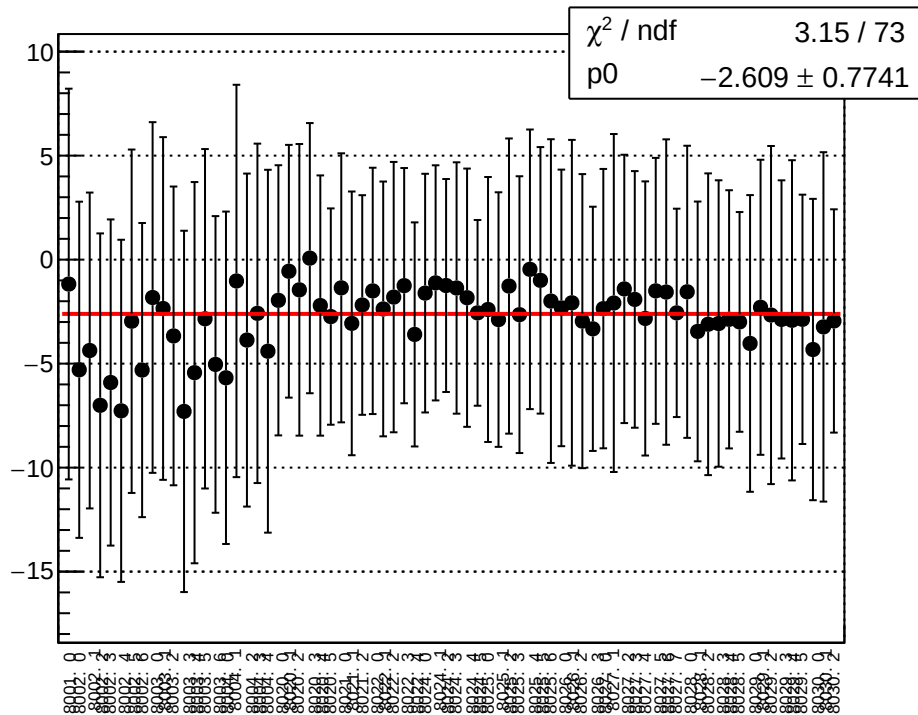
reg\_asym\_sam\_15\_avg\_diff\_bpm4eY\_slope vs run



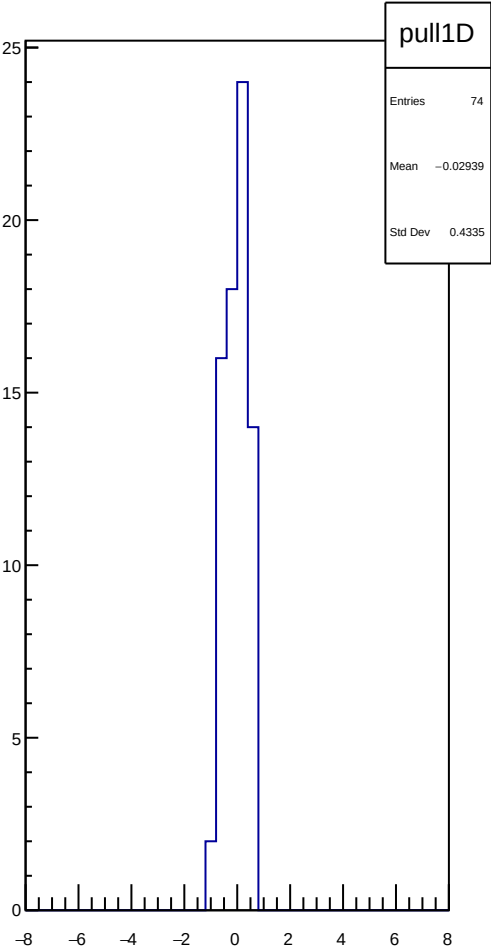
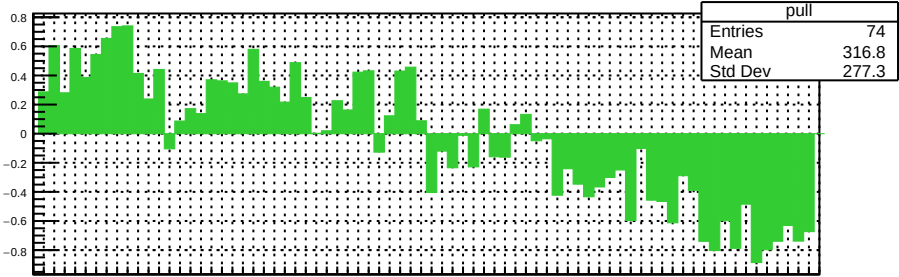
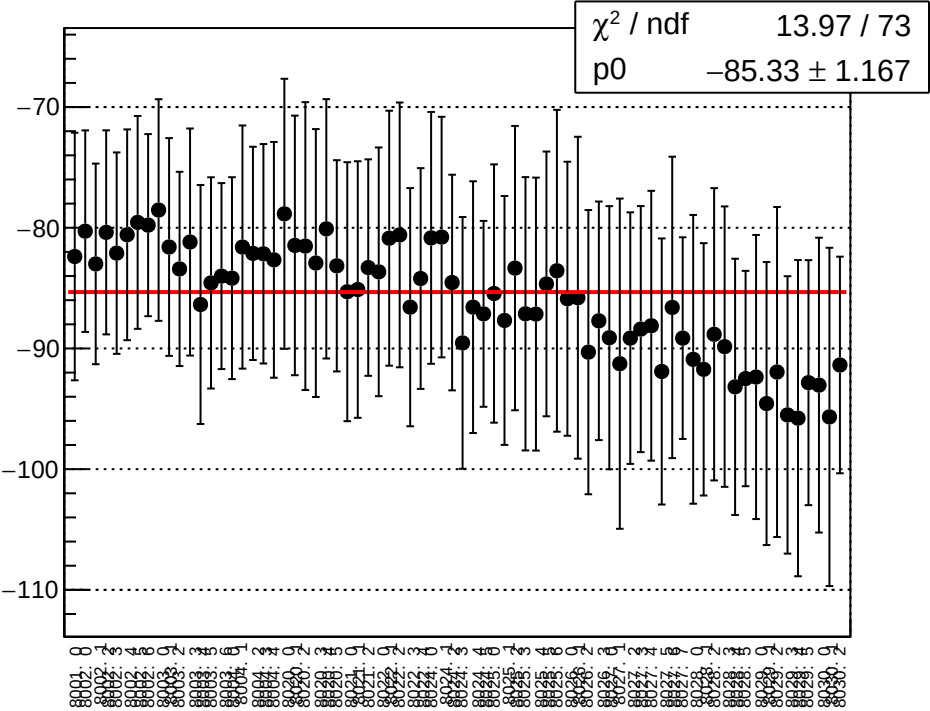
reg\_asym\_sam\_15\_avg\_diff\_bpm12X\_slope vs run



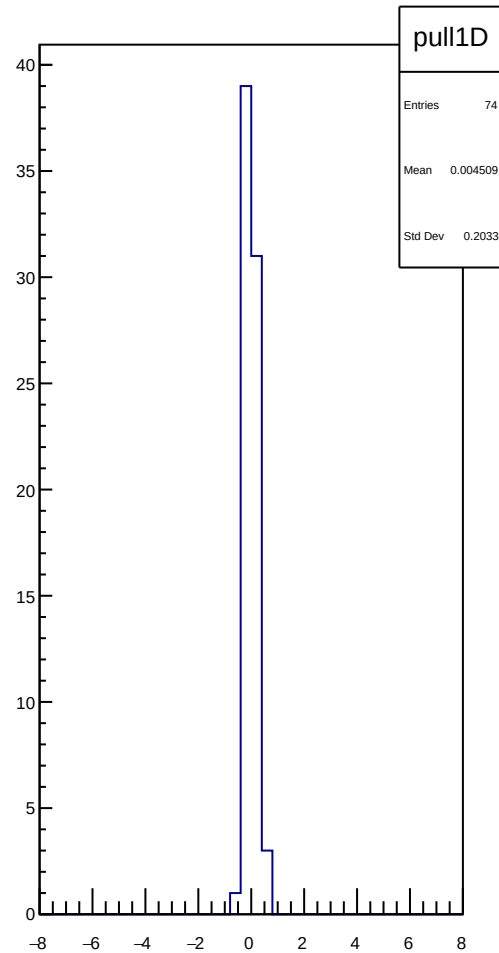
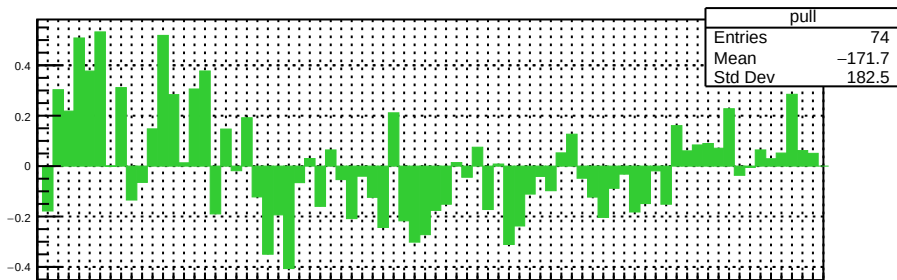
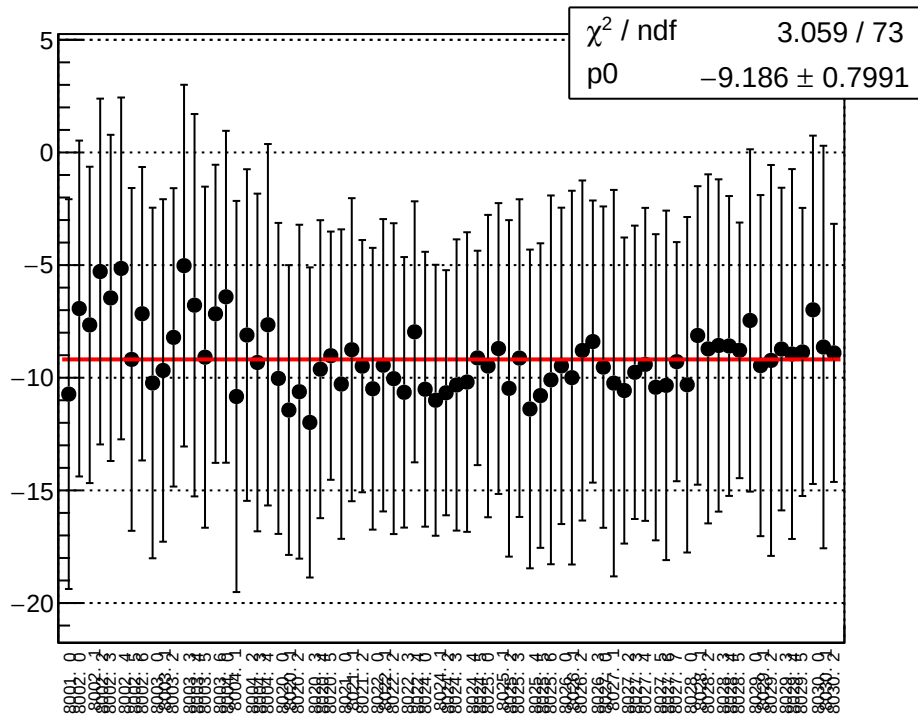
reg\_asym\_sam\_15\_dd\_diff\_bpm1X\_slope vs run



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

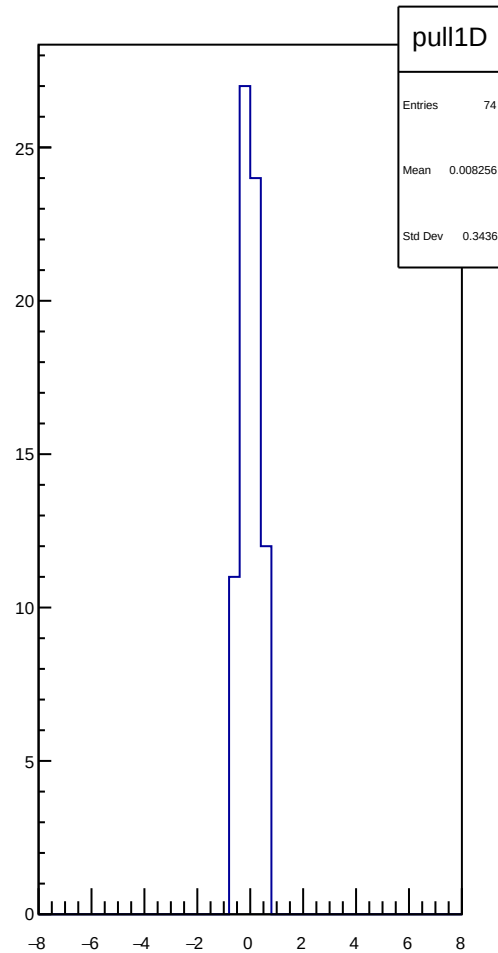
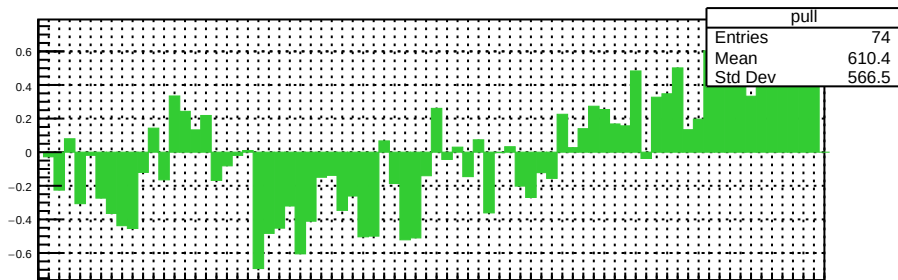
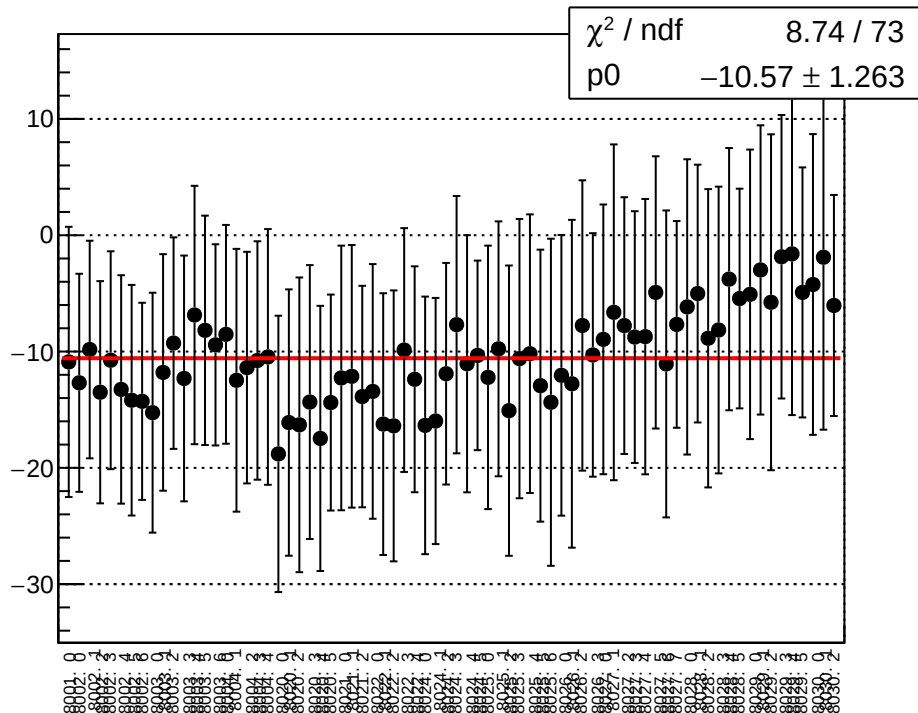


reg\_asym\_sam\_15\_dd\_diff\_bpm4eX\_slope vs run

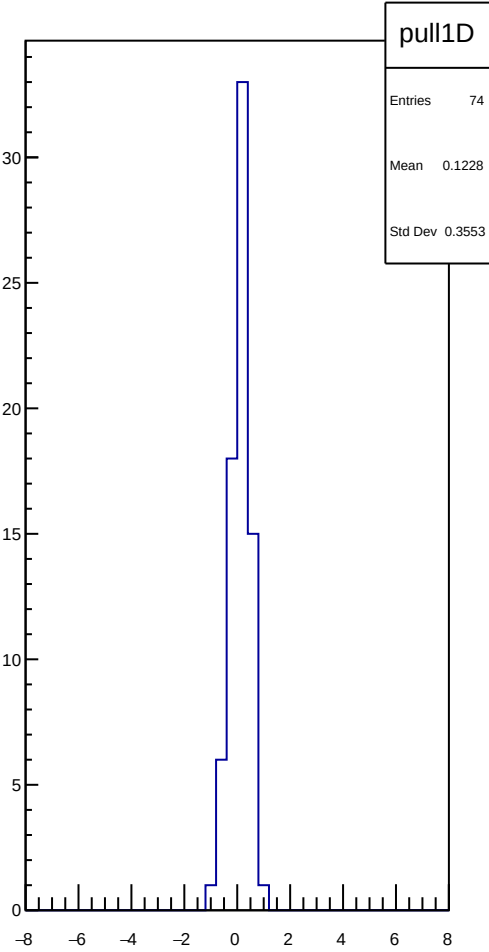
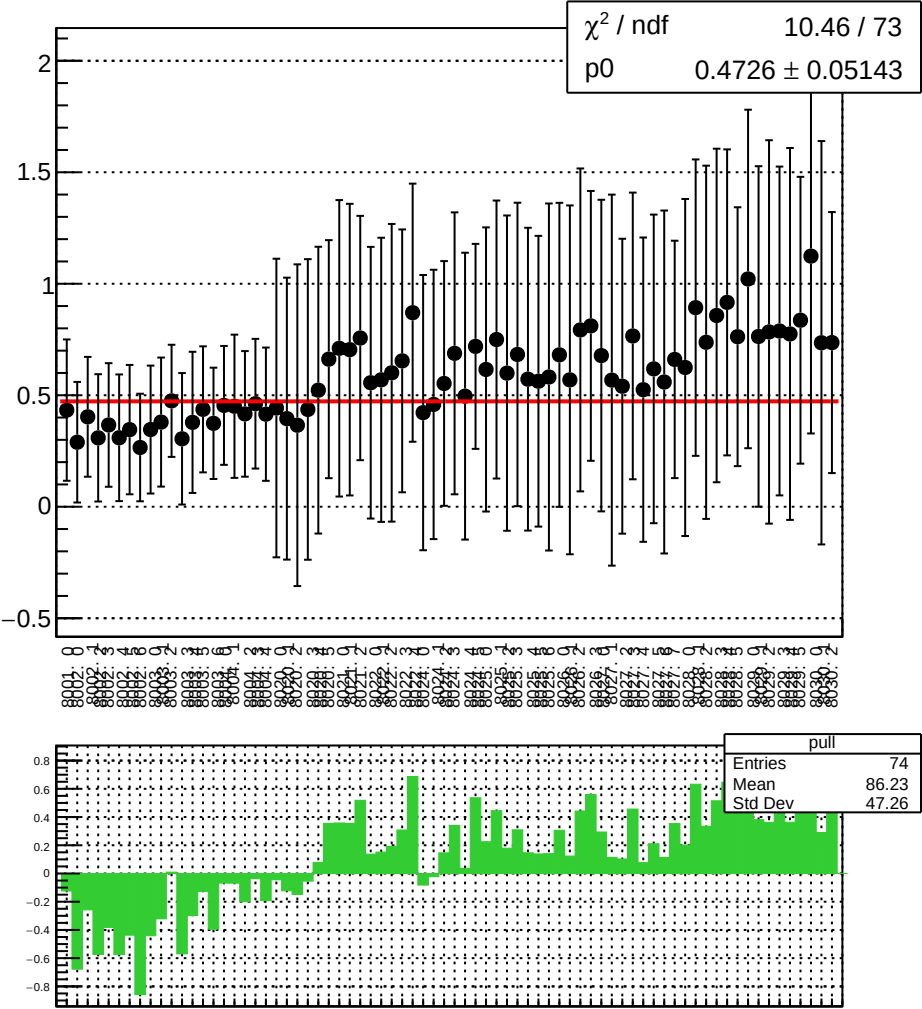




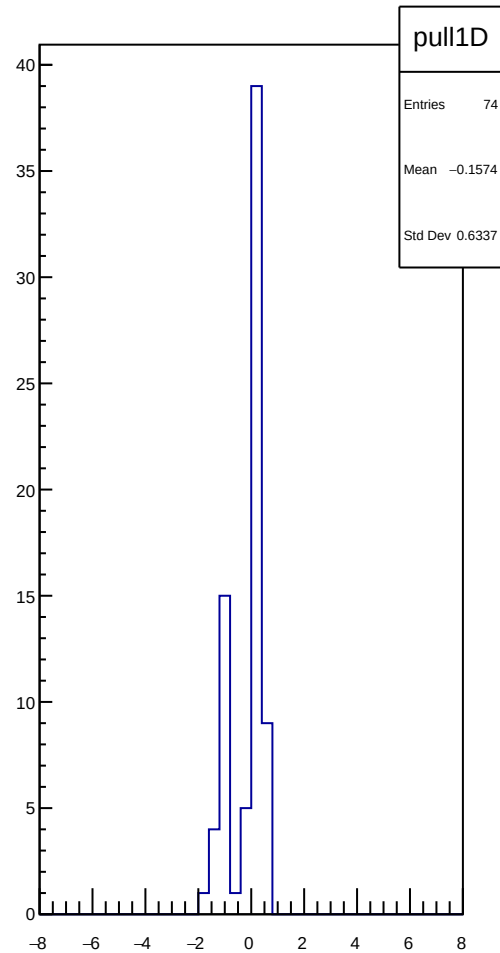
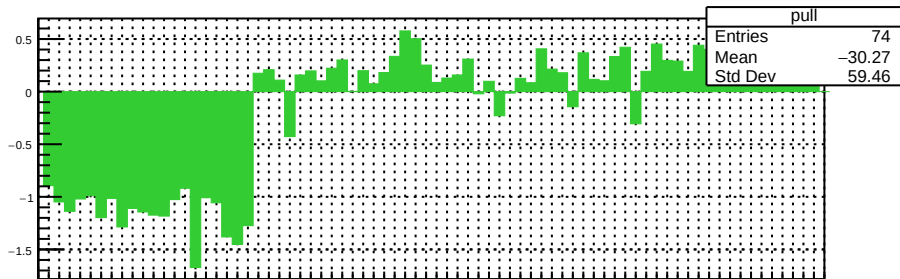
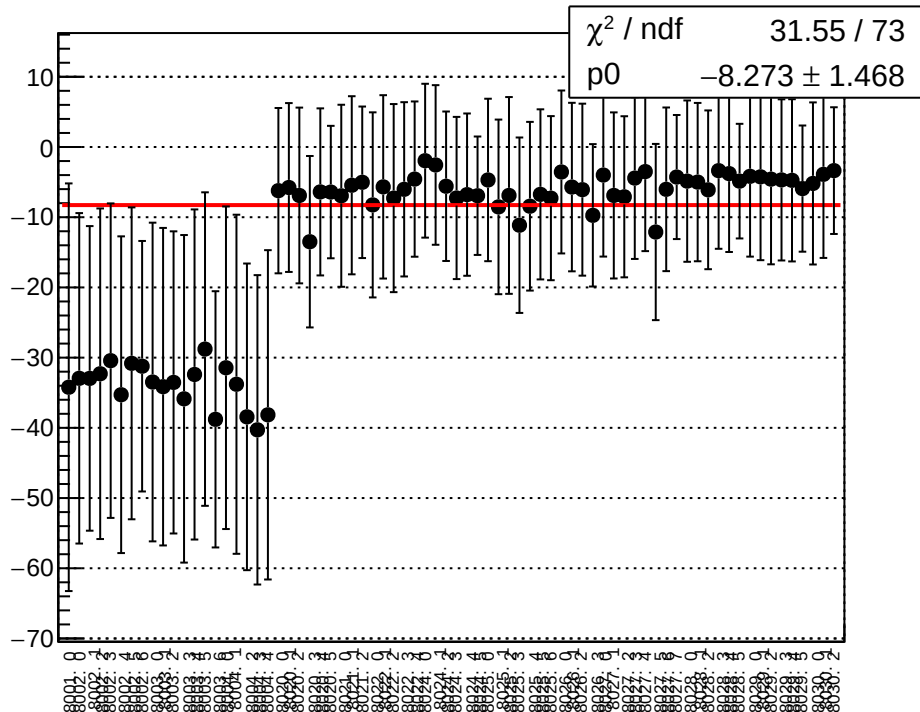
reg\_asym\_sam\_15\_dd\_diff\_bpm4eY\_slope vs run



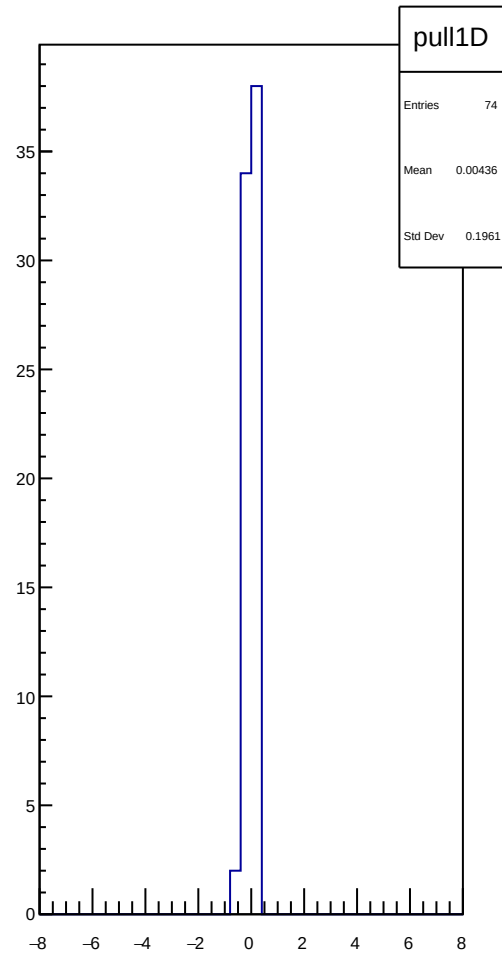
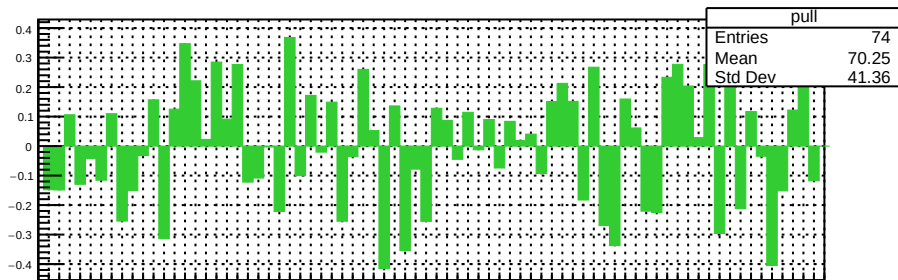
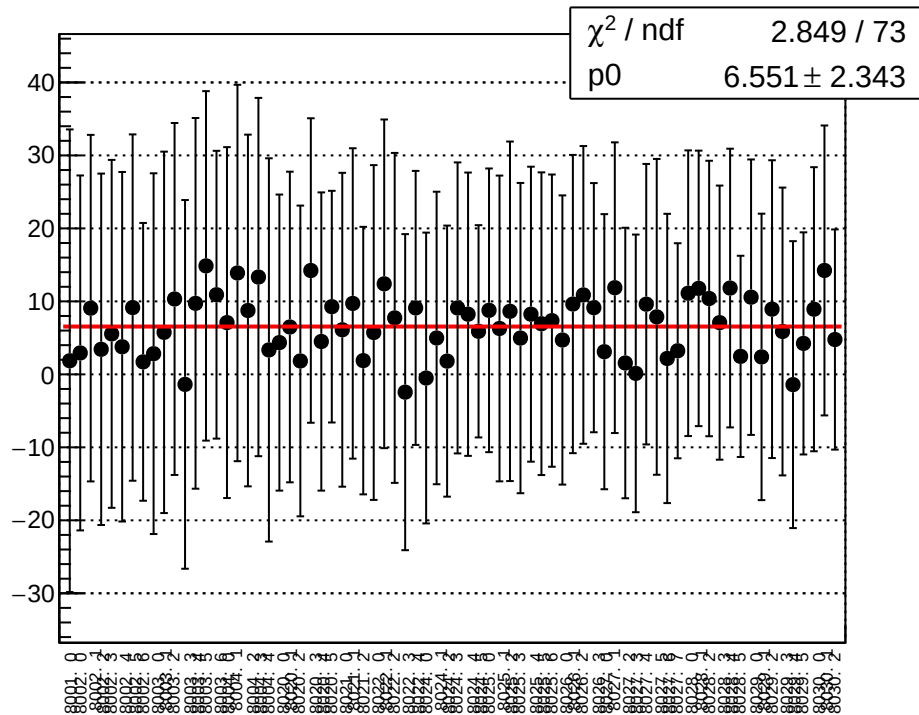
reg\_asym\_sam\_15\_dd\_diff\_bpm12X\_slope vs run



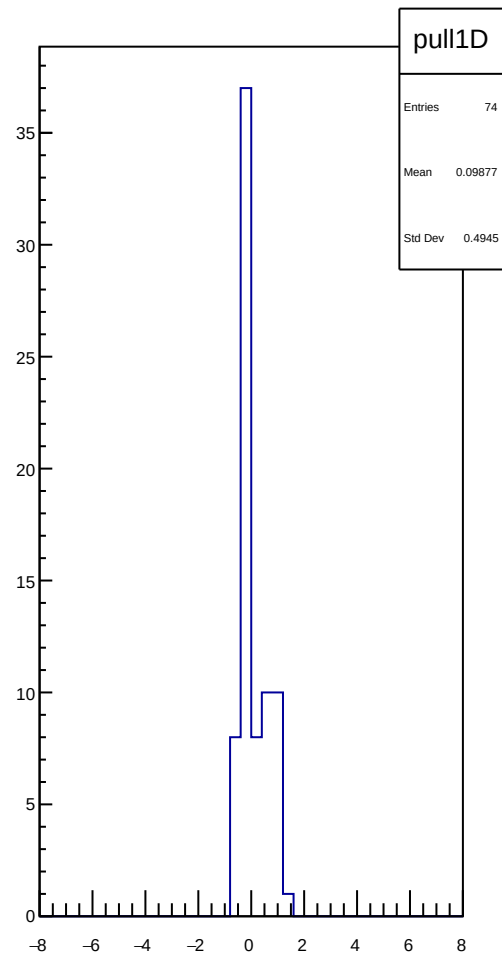
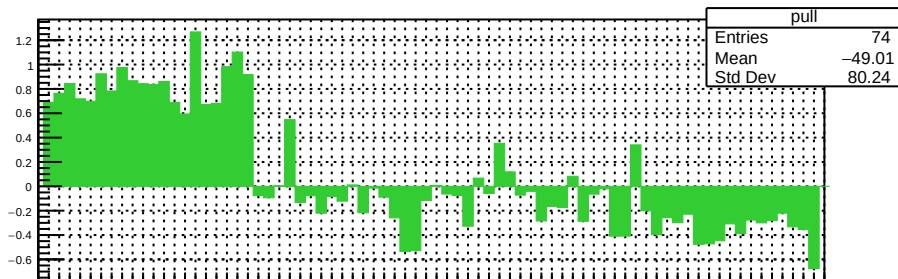
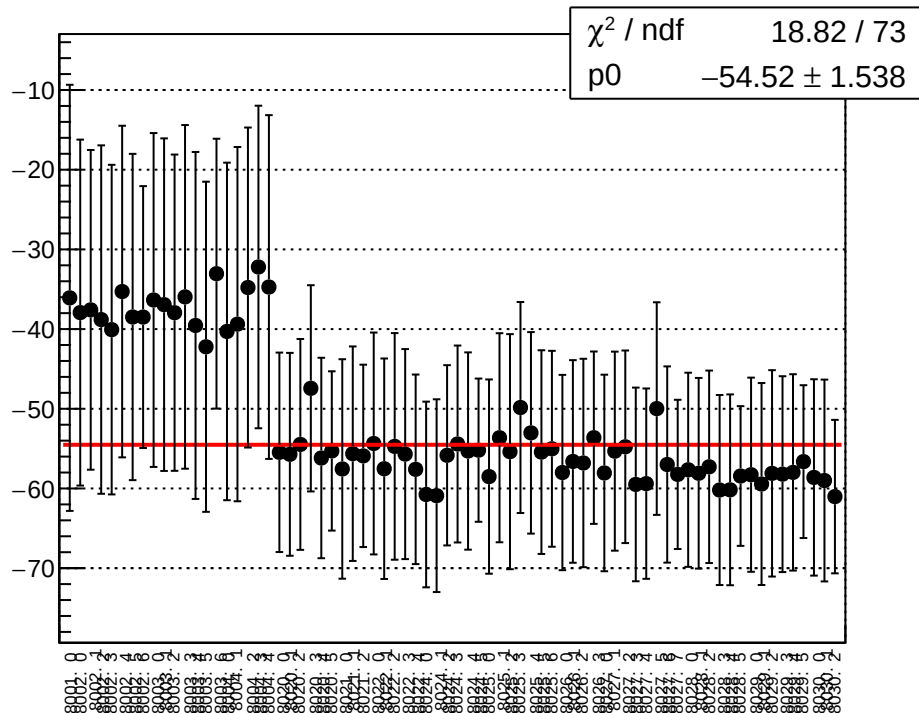
reg\_asym\_sam\_37\_avg\_diff\_bpm1X\_slope vs run



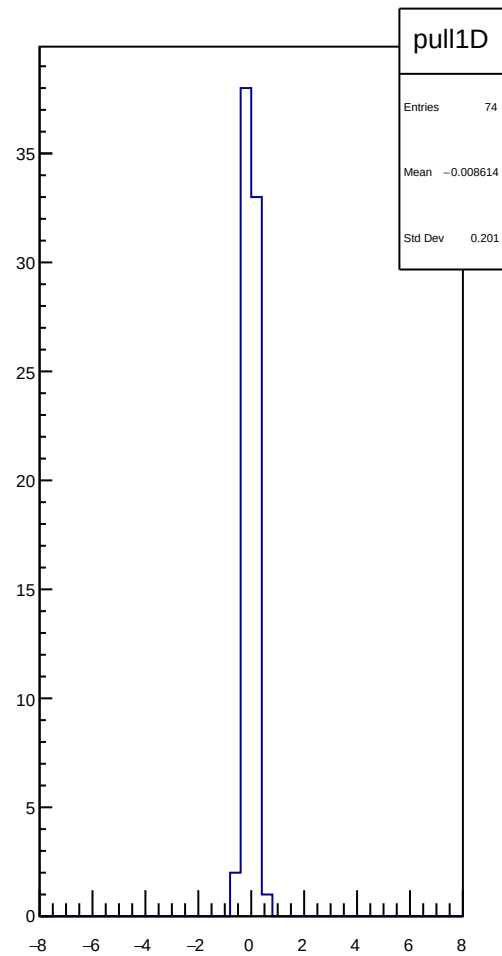
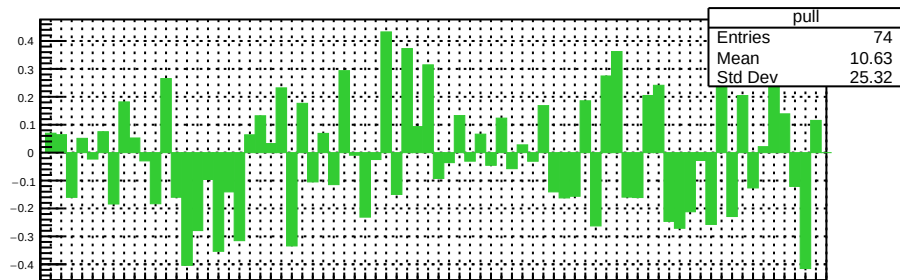
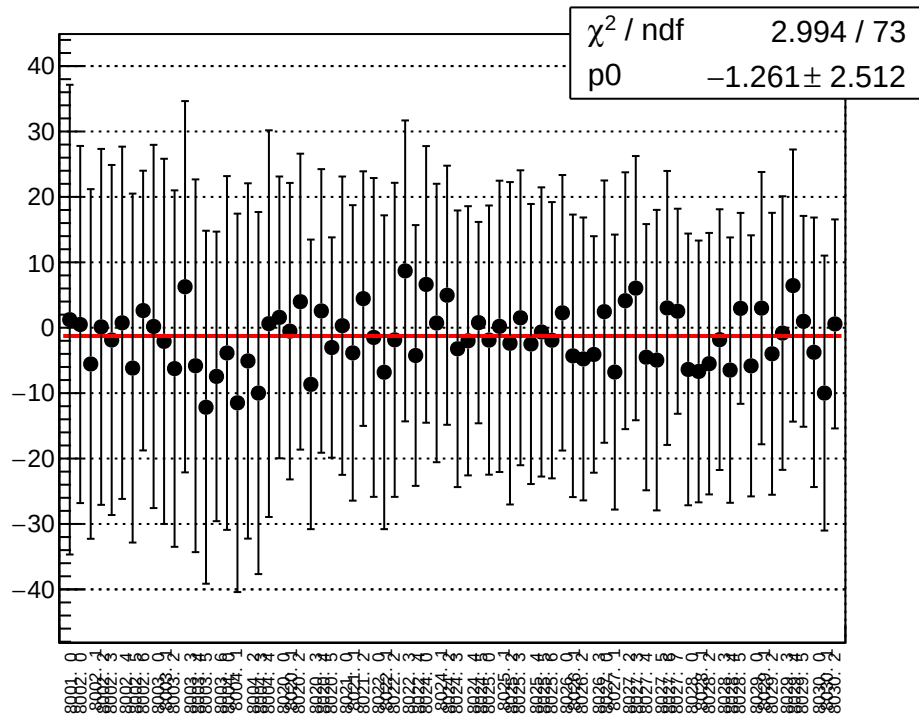
reg\_asym\_sam\_37\_avg\_diff\_bpm4aY\_slope vs run



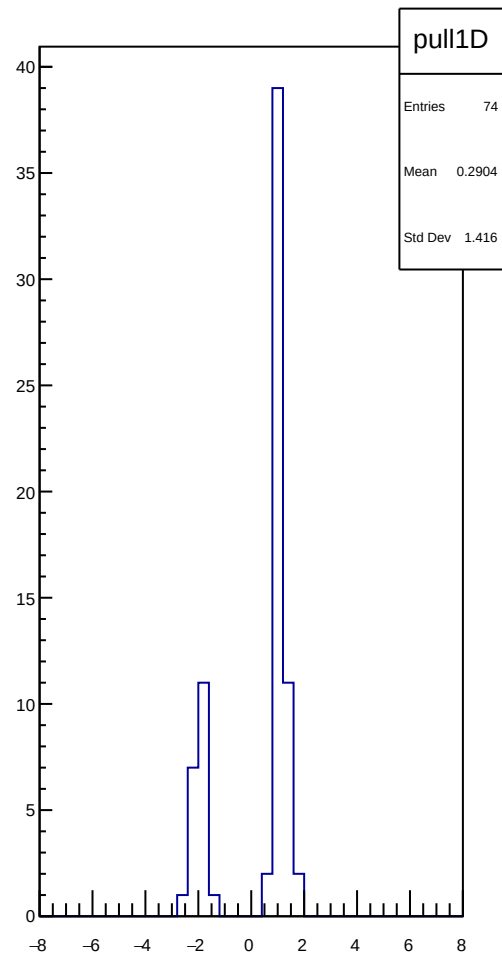
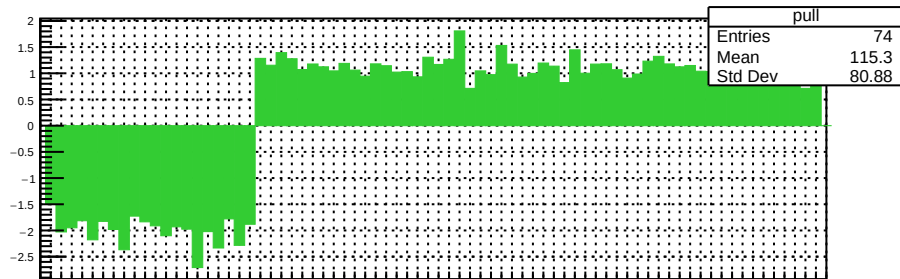
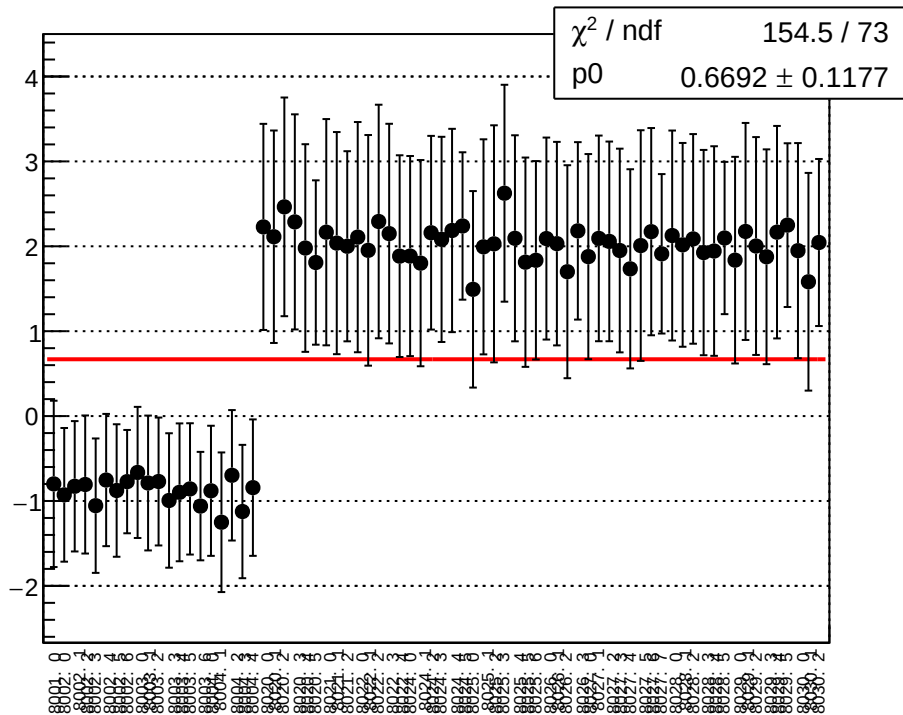
reg\_asym\_sam\_37\_avg\_diff\_bpm4eX\_slope vs run



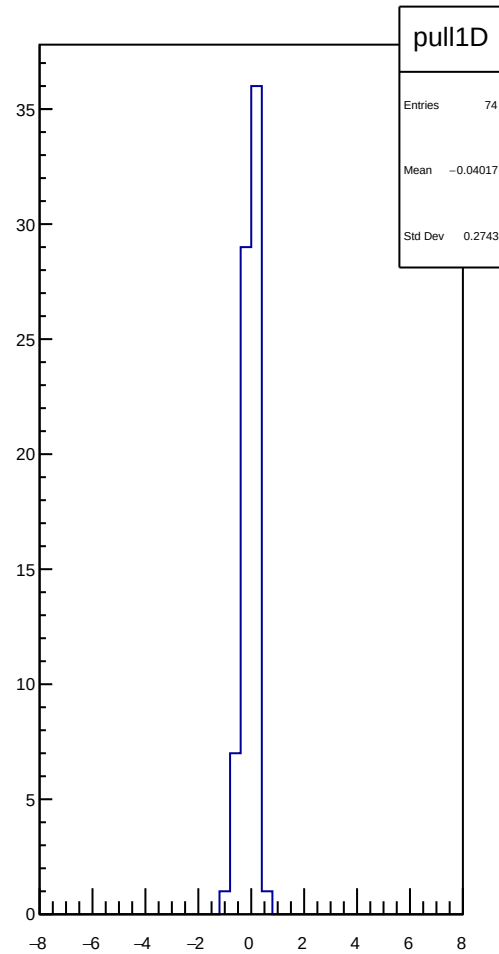
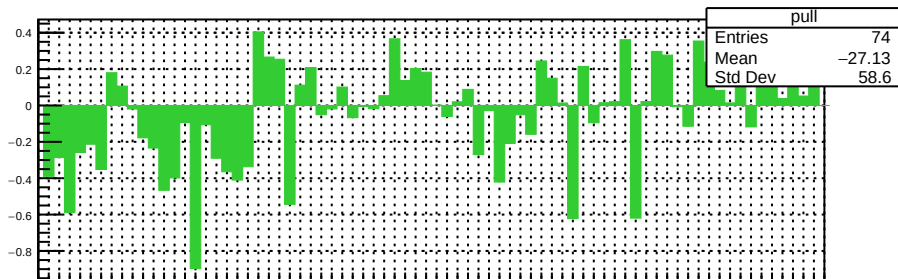
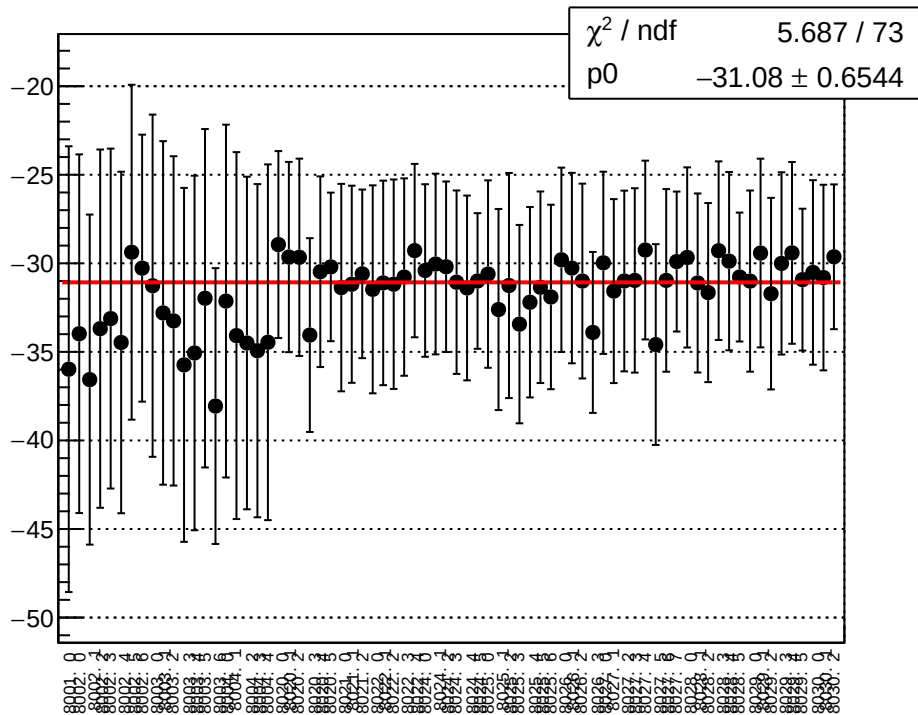
reg\_asym\_sam\_37\_avg\_diff\_bpm4eY\_slope vs run



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

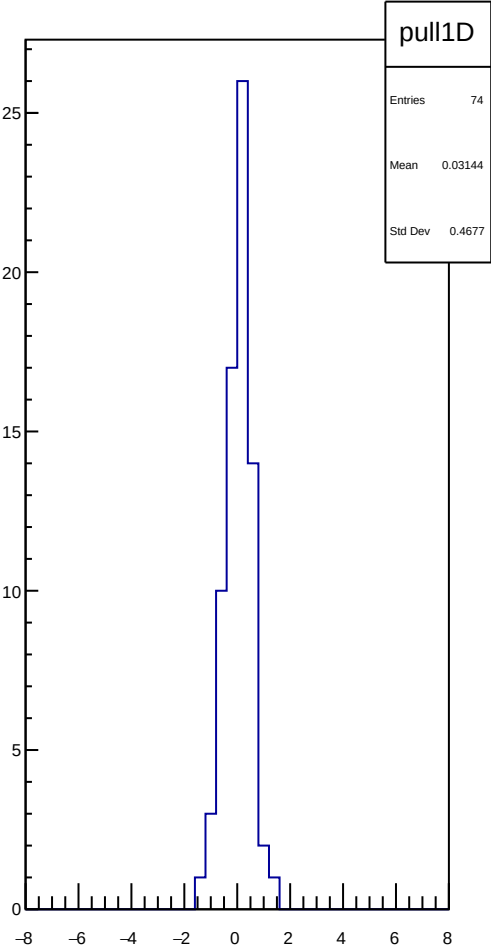
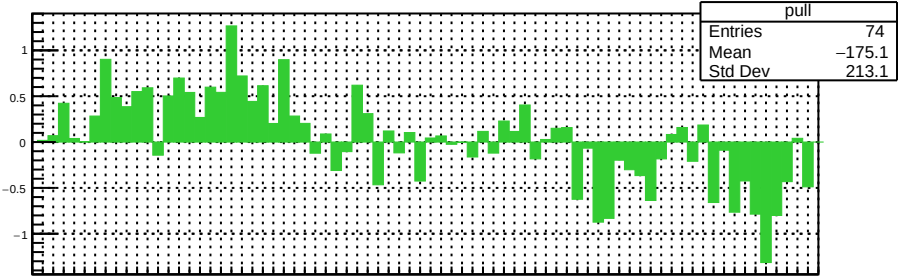
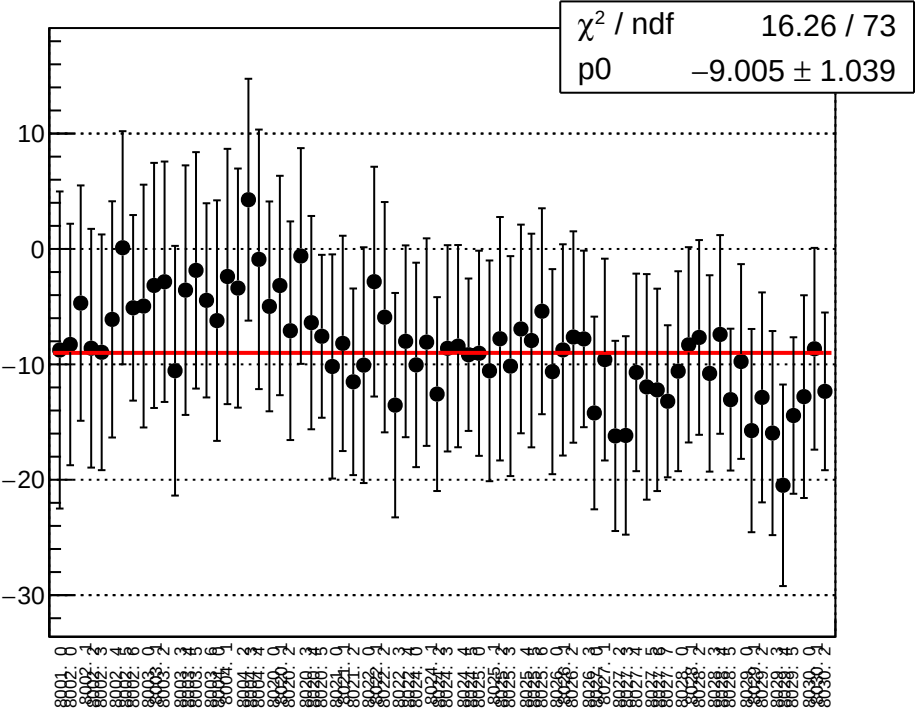


reg\_asym\_sam\_37\_dd\_diff\_bpm1X\_slope vs run

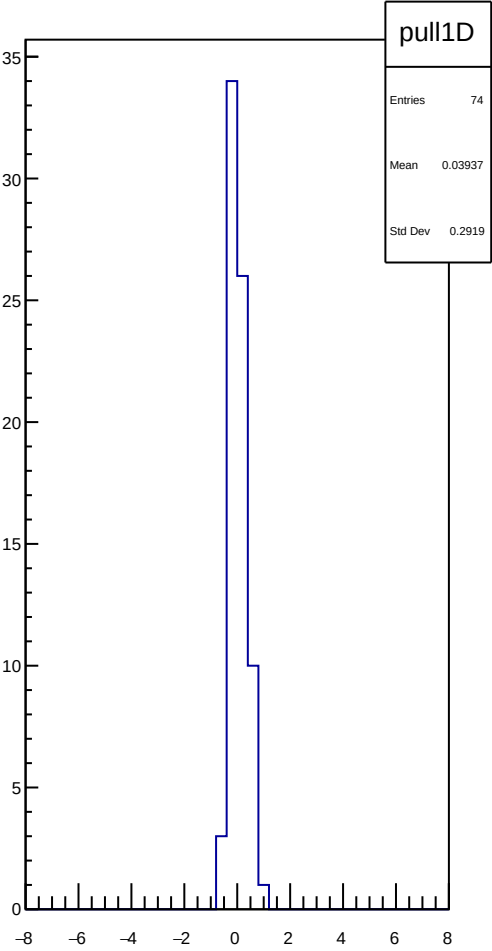
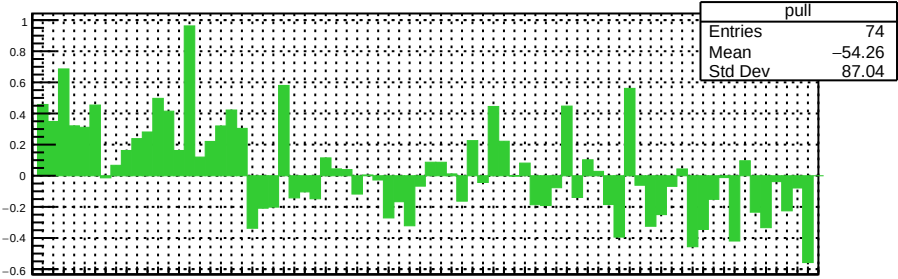
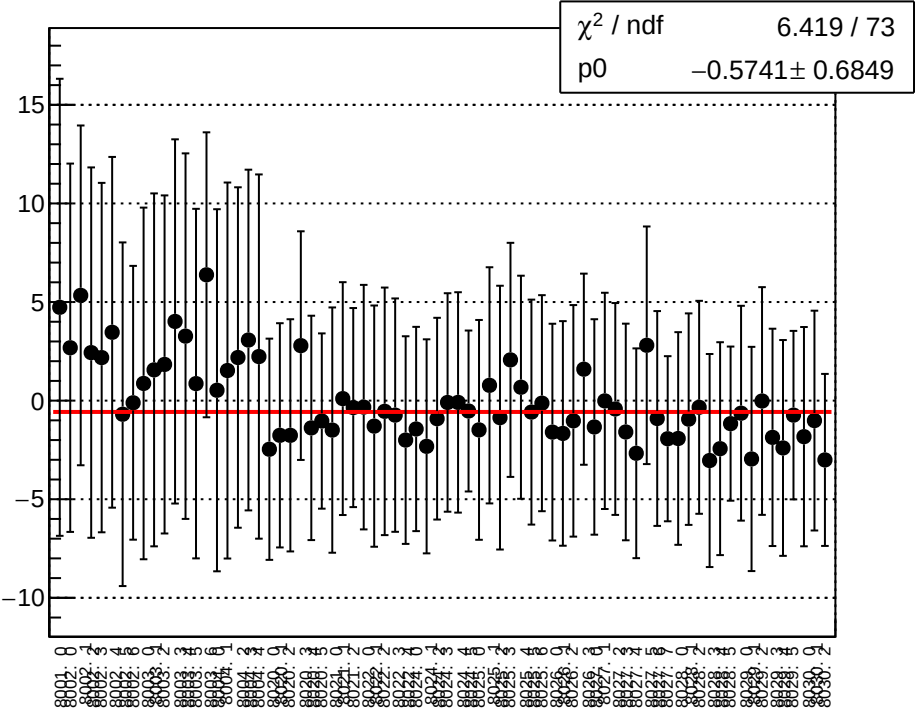




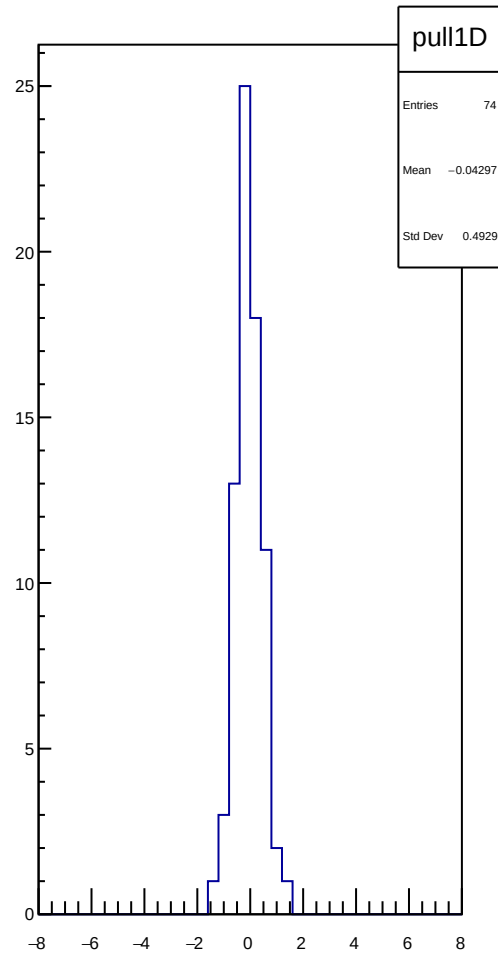
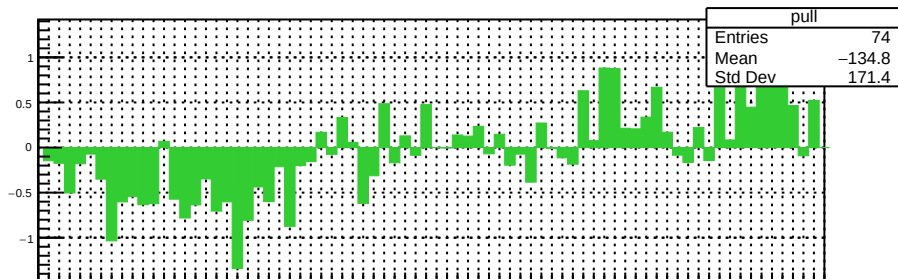
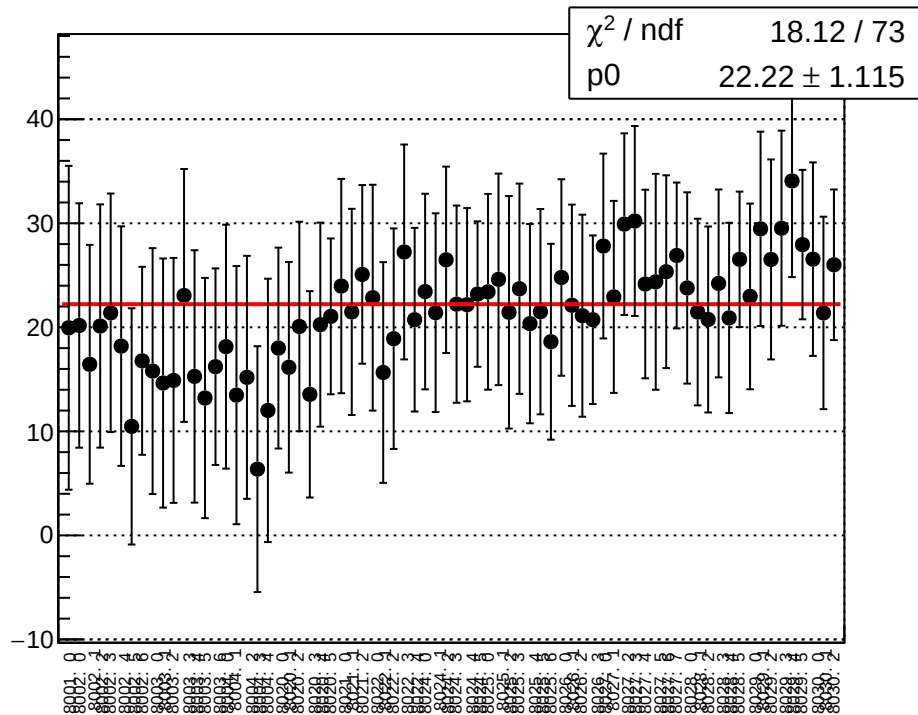
reg\_asym\_sam\_37\_dd\_diff\_bpm4aY\_slope vs run



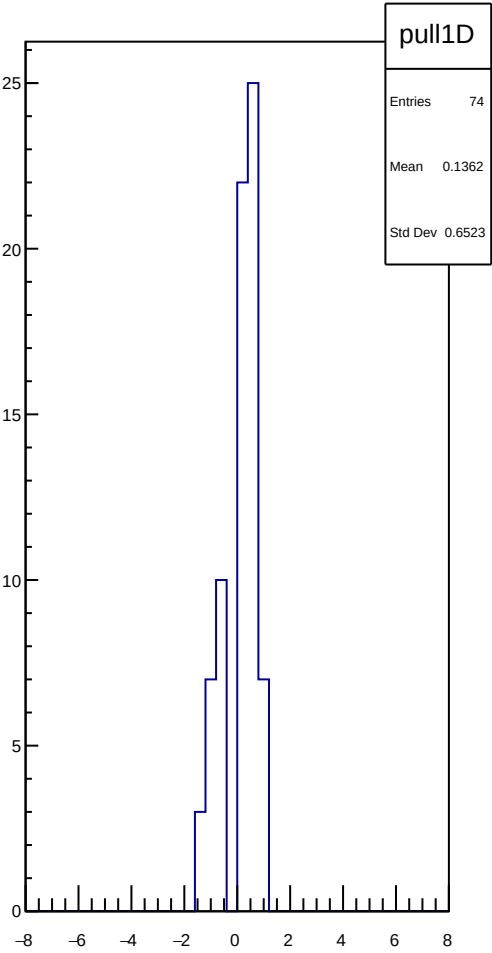
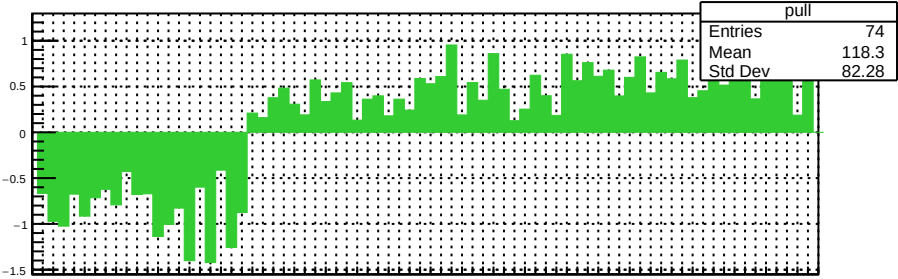
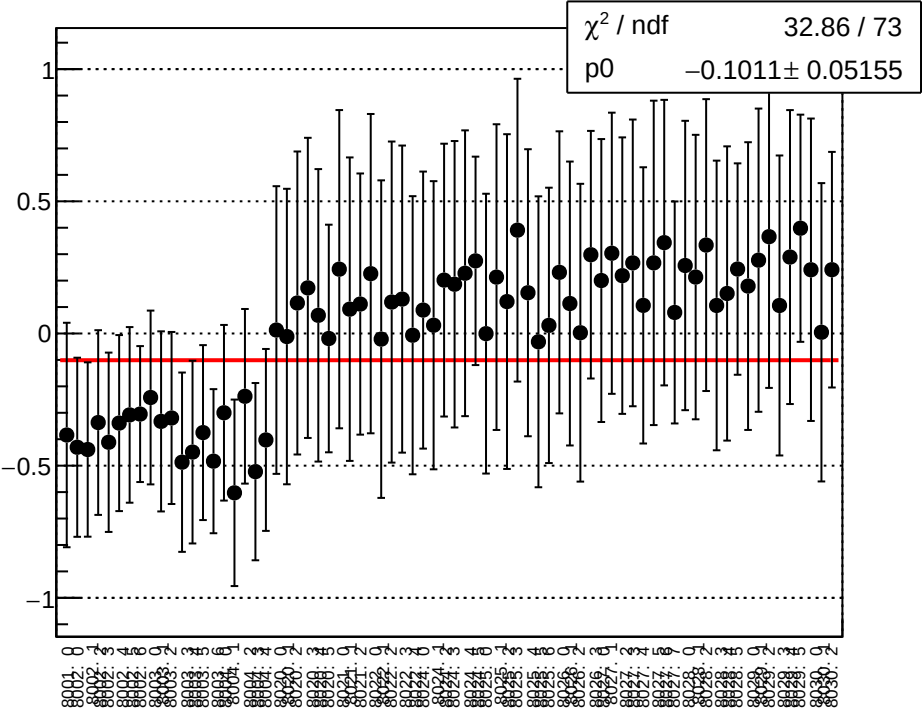
reg\_asym\_sam\_37\_dd\_diff\_bpm4eX\_slope vs run



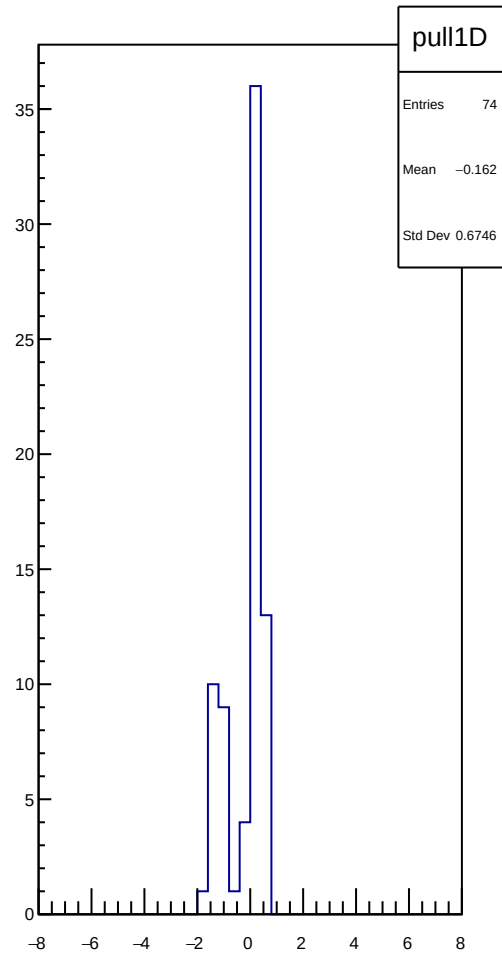
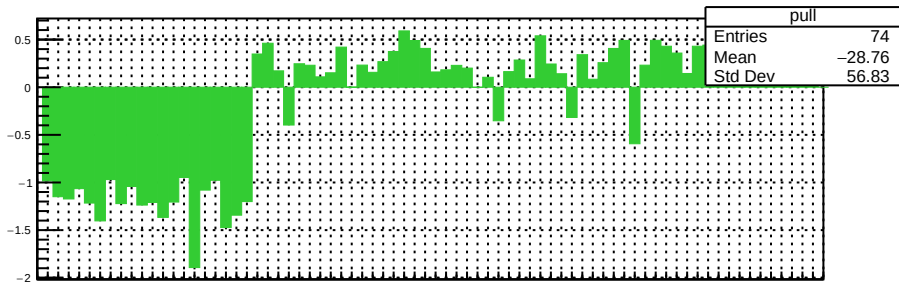
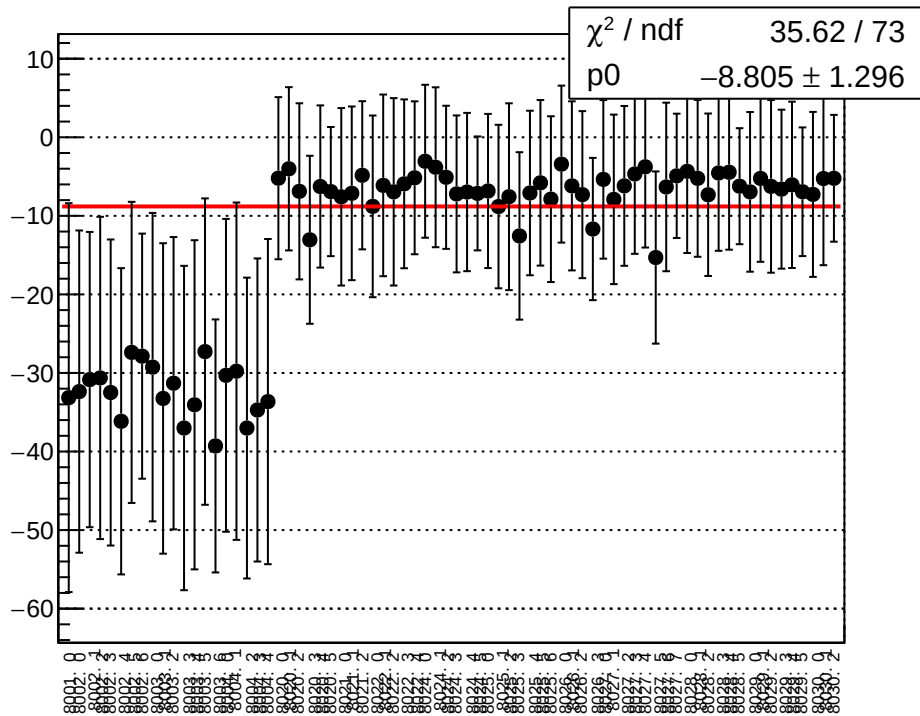
reg\_asym\_sam\_37\_dd\_diff\_bpm4eY\_slope vs run



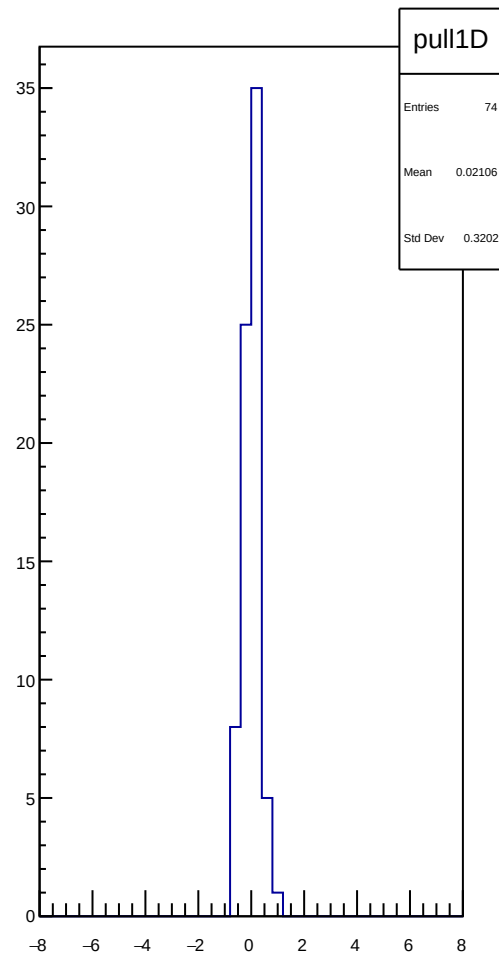
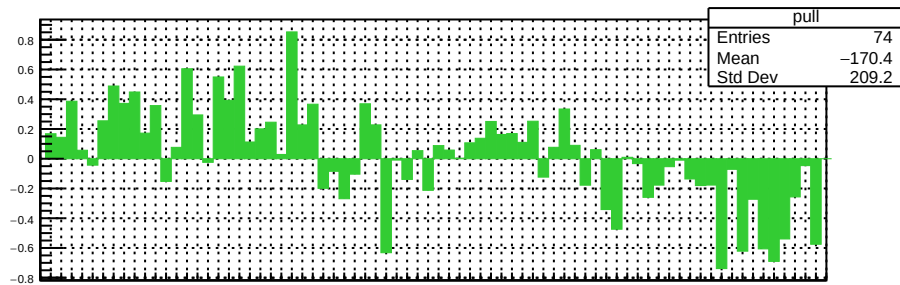
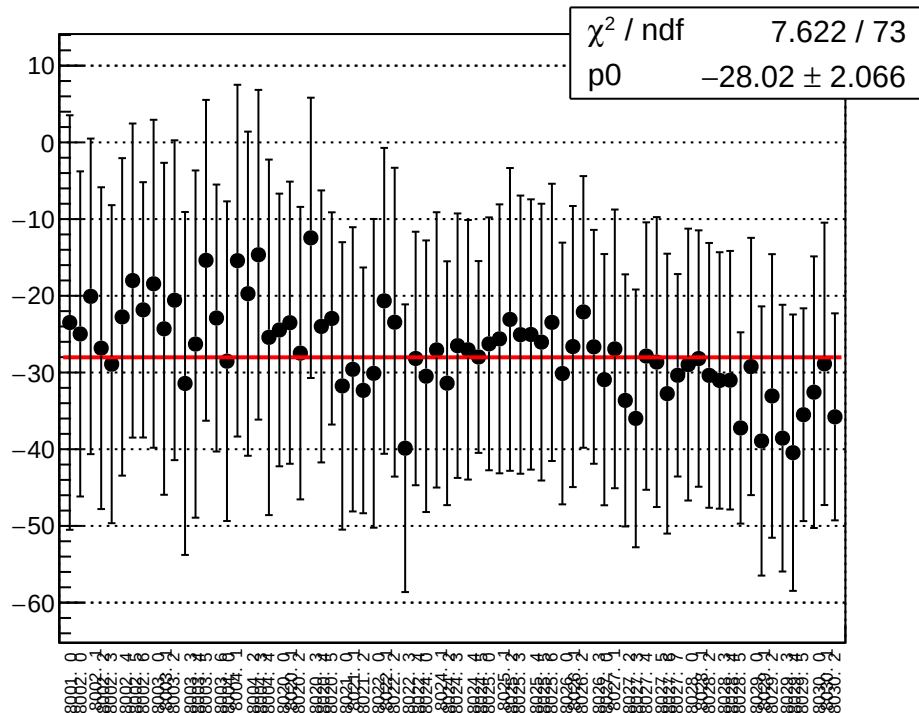
reg\_asym\_sam\_37\_dd\_diff\_bpm12X\_slope vs run



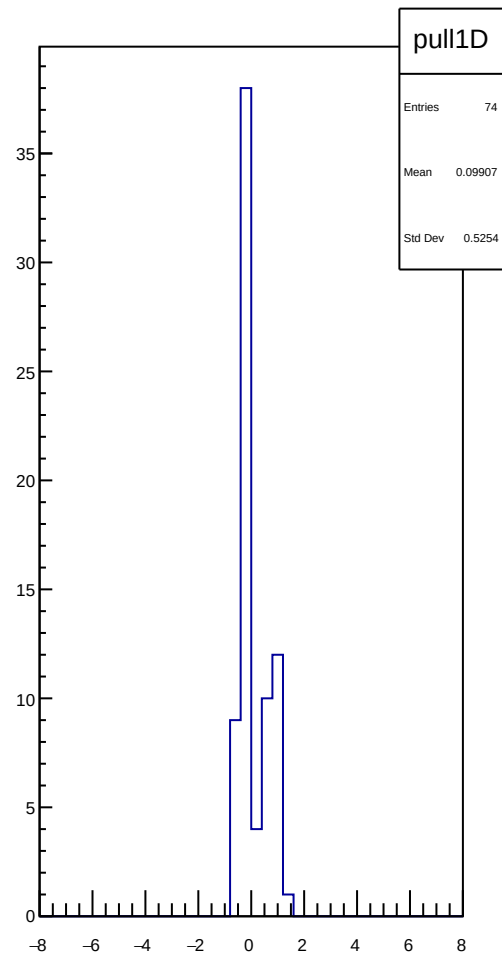
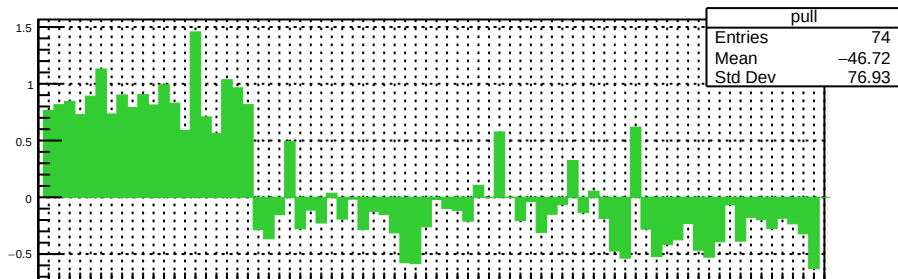
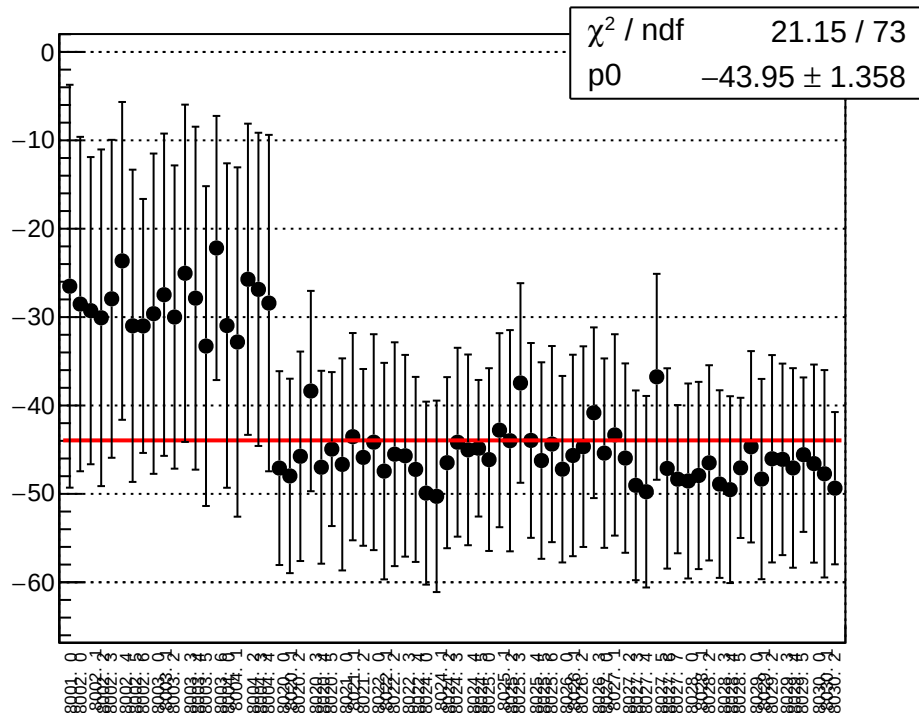
reg\_asym\_sam\_26\_avg\_diff\_bpm1X\_slope vs run



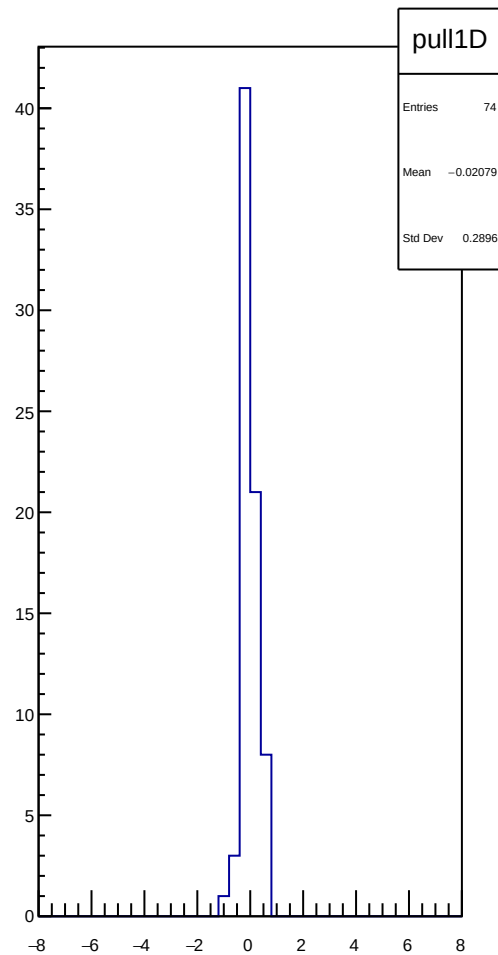
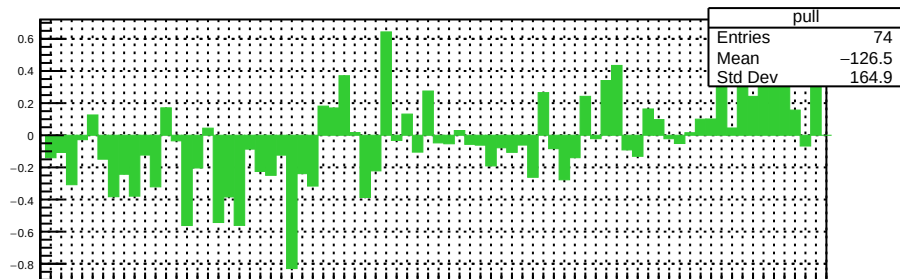
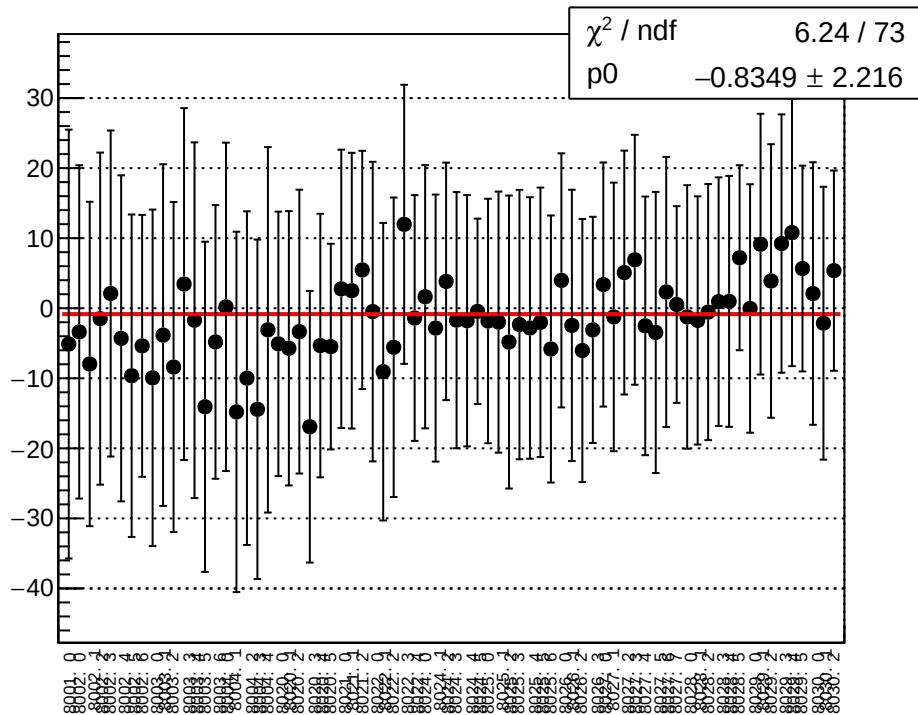
reg\_asym\_sam\_26\_avg\_diff\_bpm4aY\_slope vs run



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

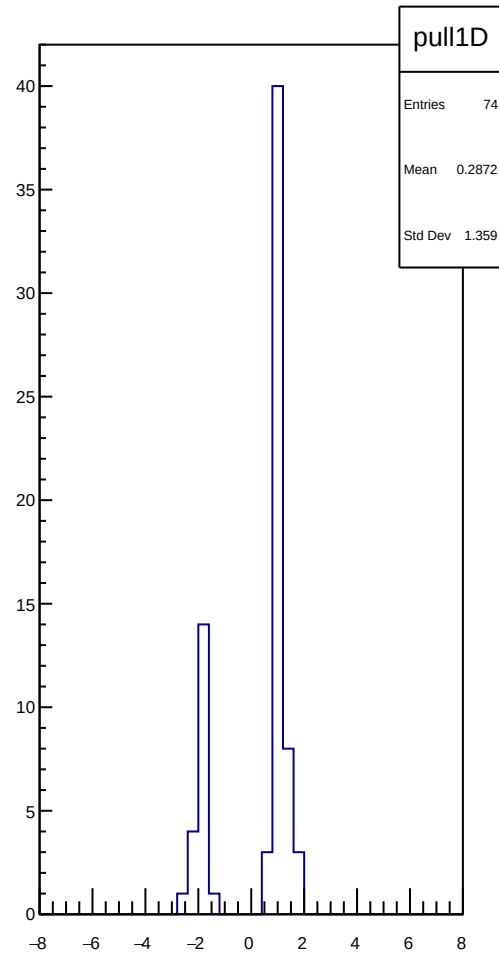
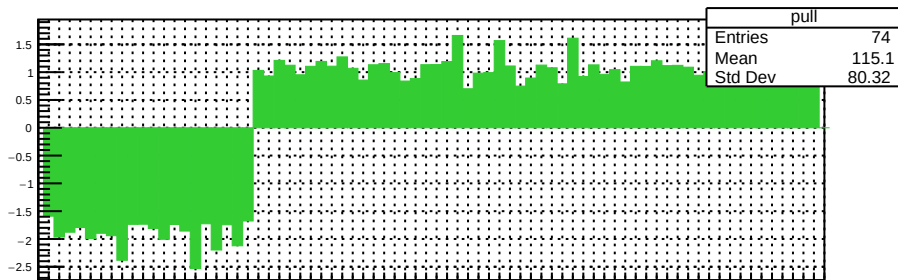
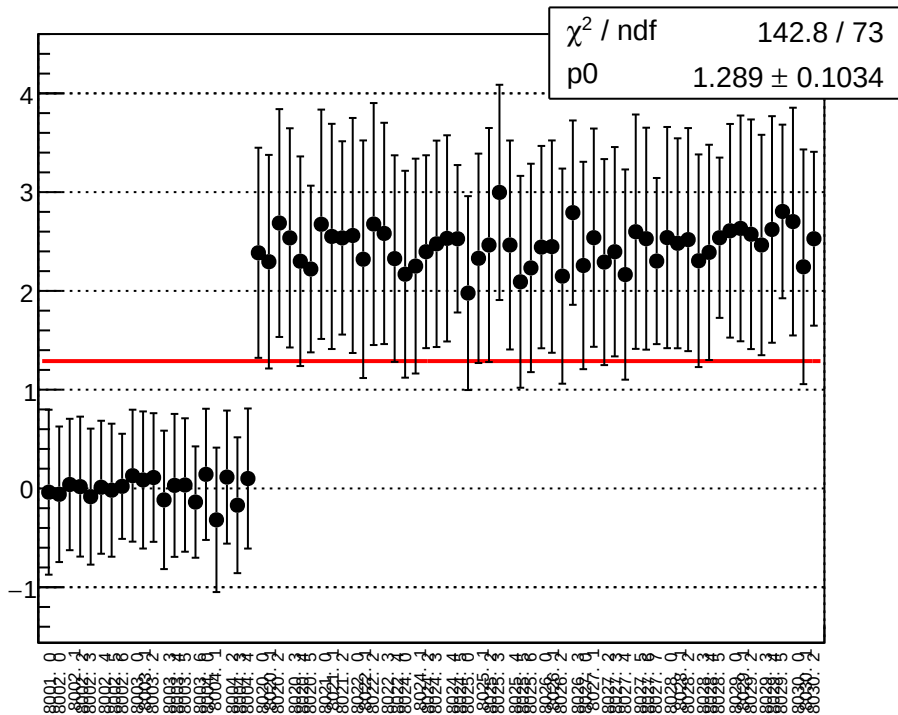


reg\_asym\_sam\_26\_avg\_diff\_bpm4eY\_slope vs run

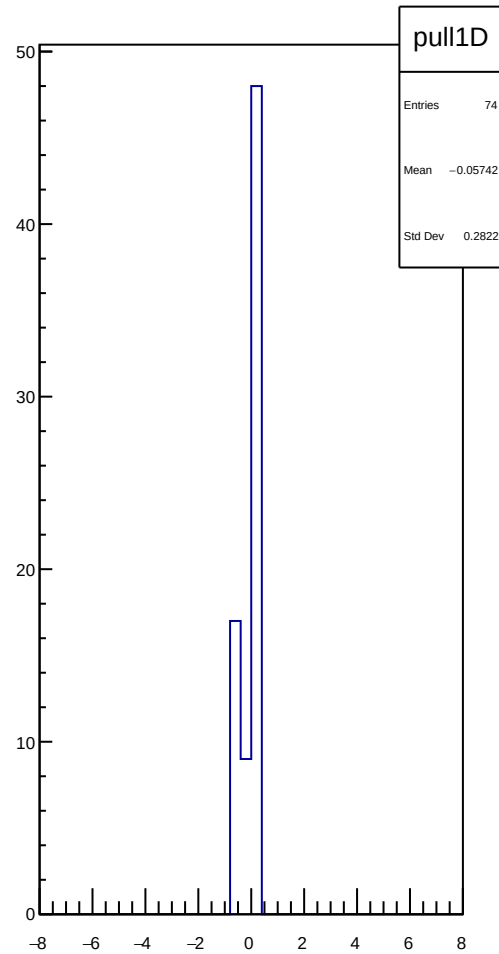
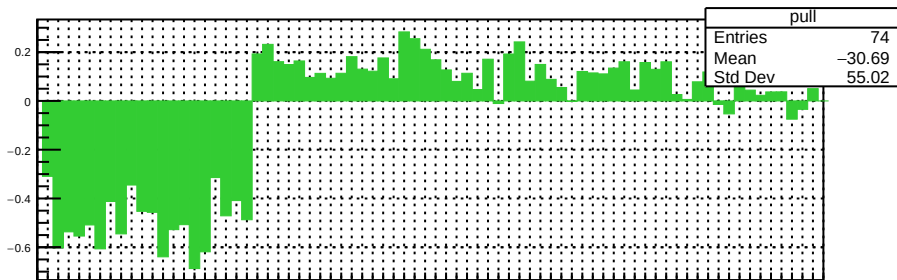
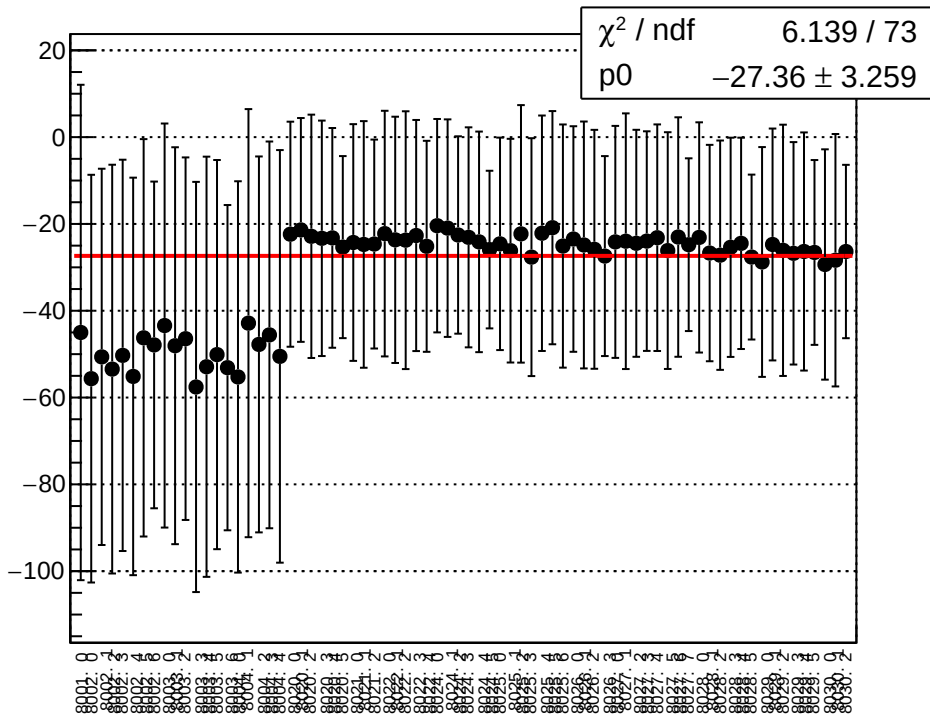




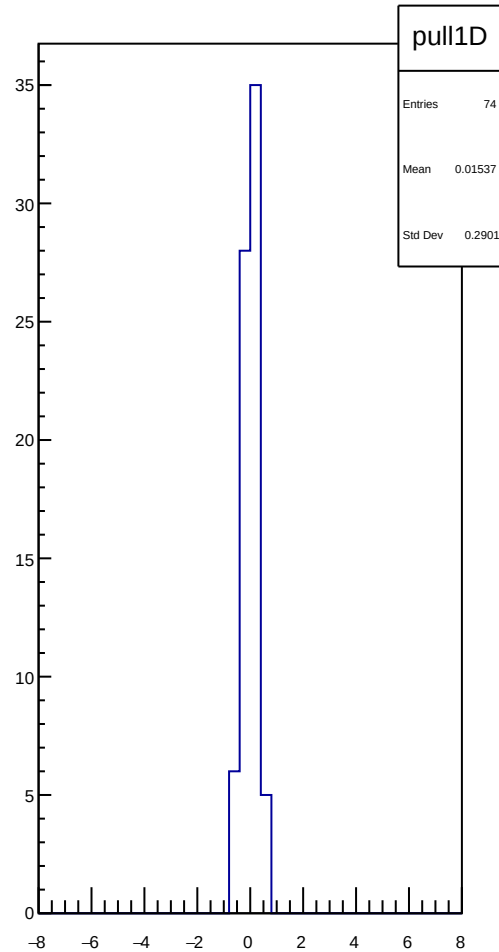
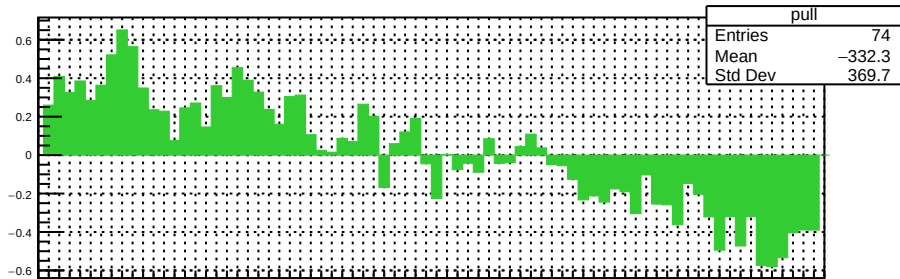
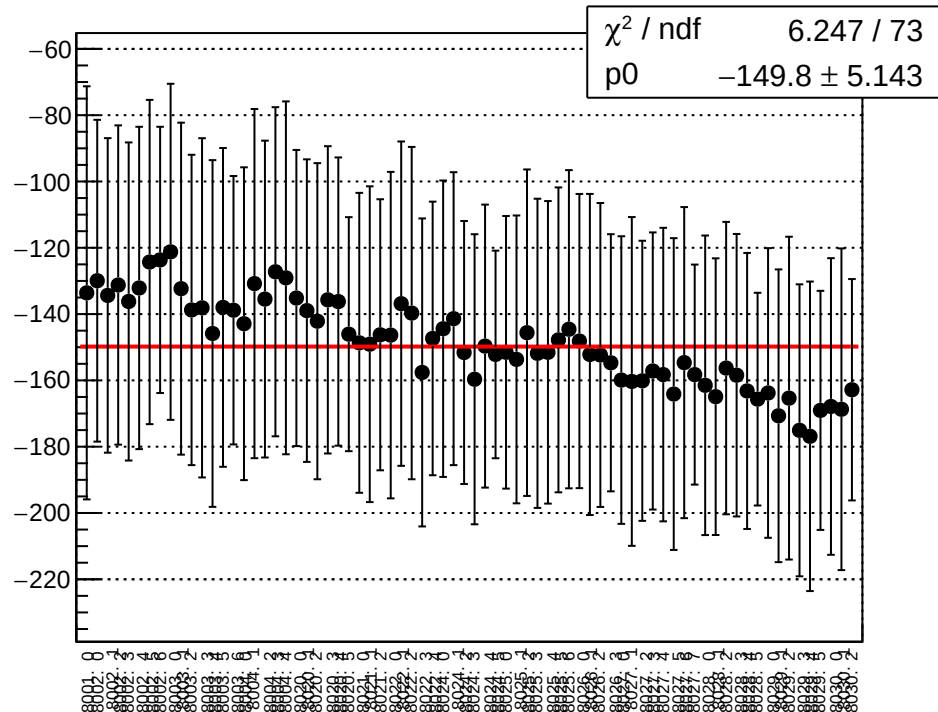
reg\_asym\_sam\_26\_avg\_diff\_bpm12X\_slope vs run



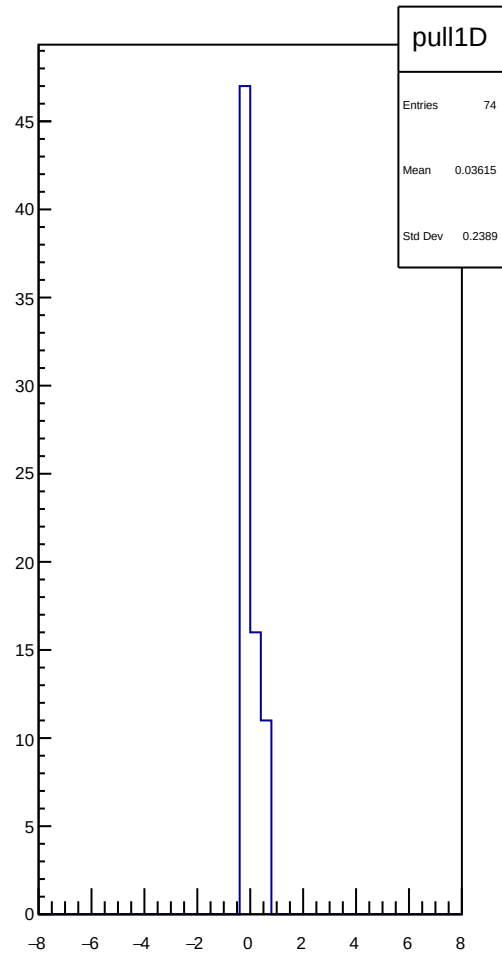
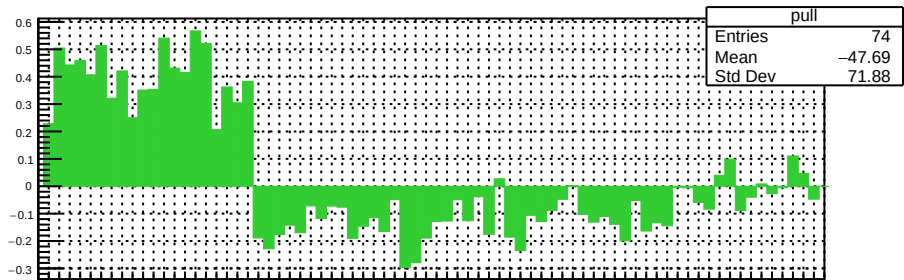
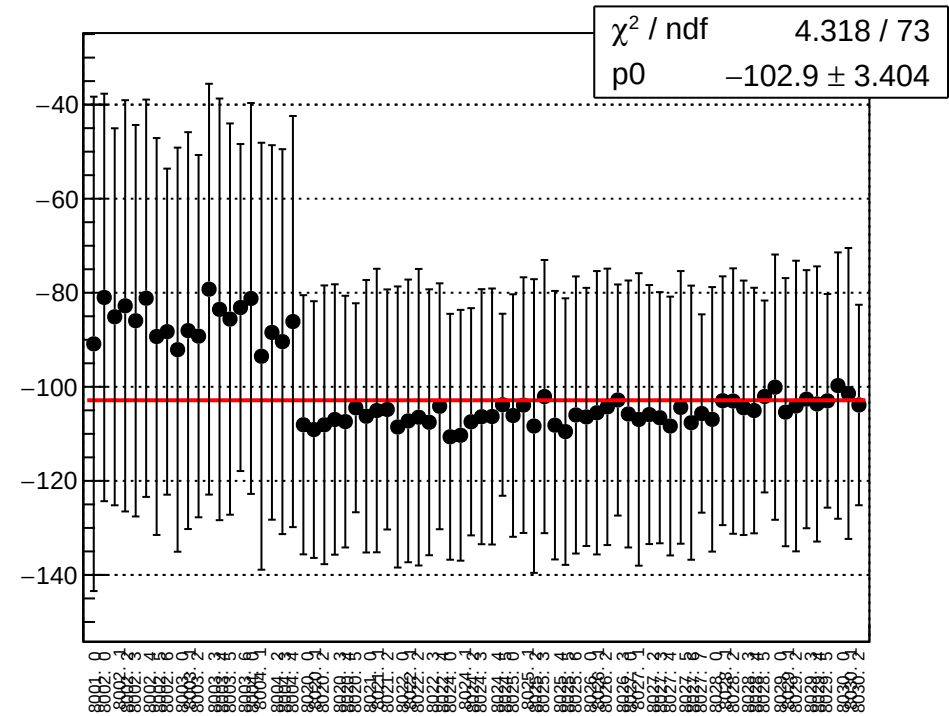
reg\_asym\_sam\_26\_dd\_diff\_bpm1X\_slope vs run



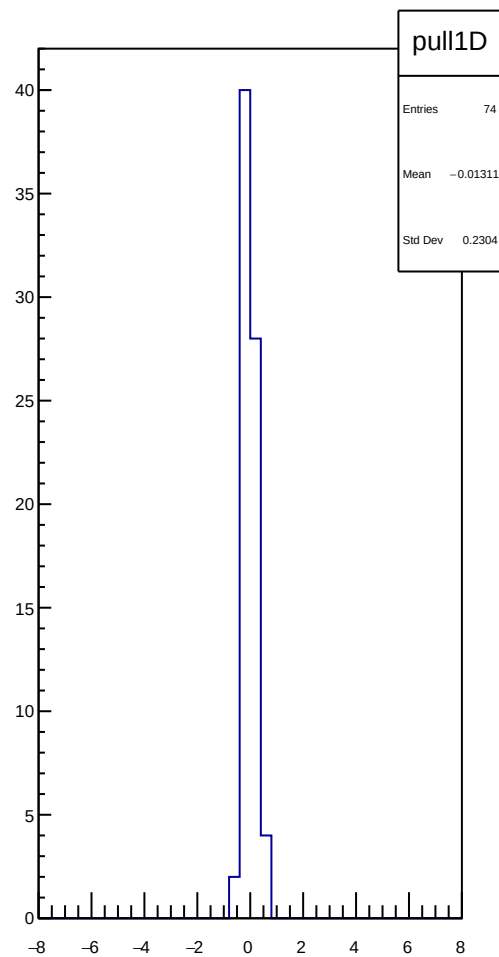
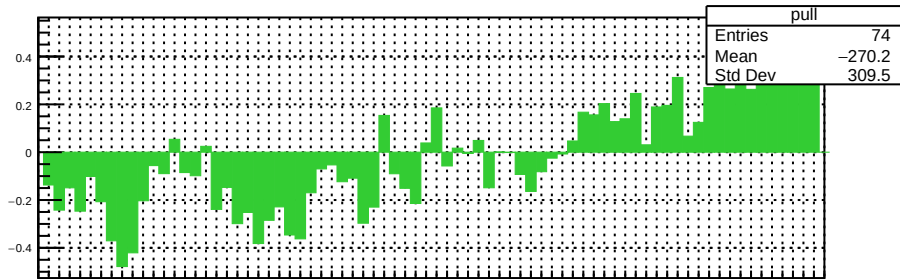
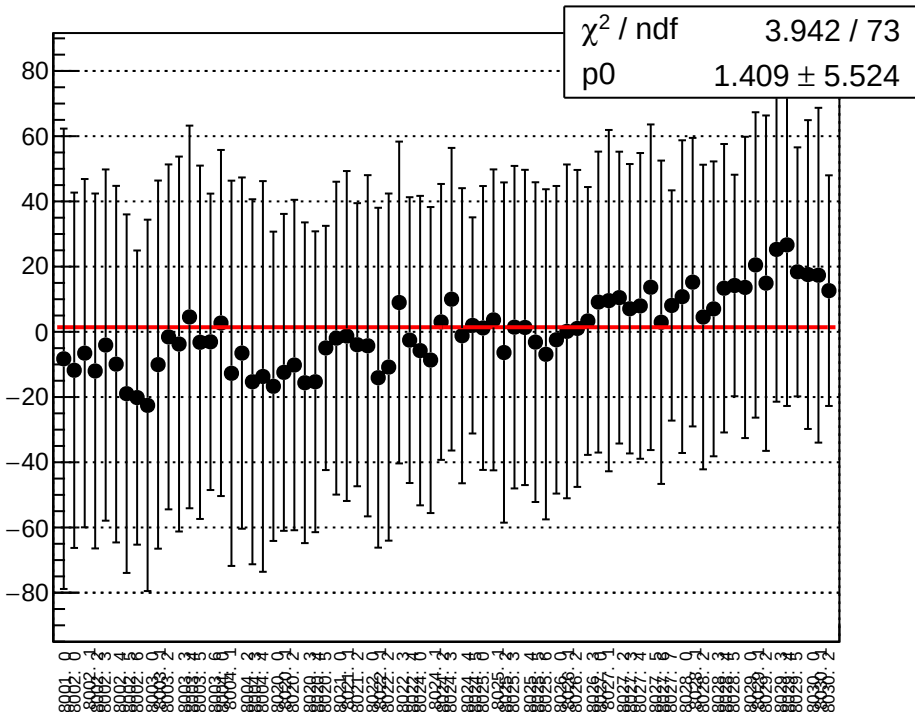
reg\_asym\_sam\_26\_dd\_diff\_bpm4aY\_slope vs run



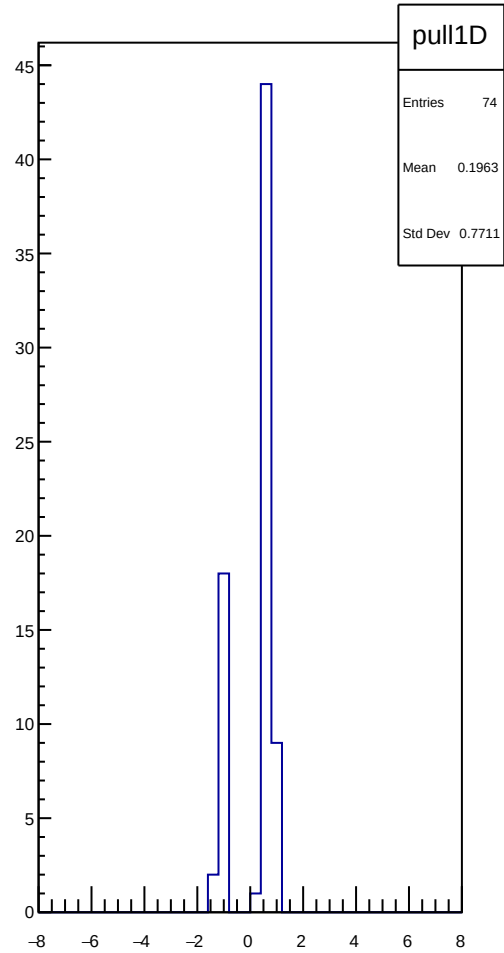
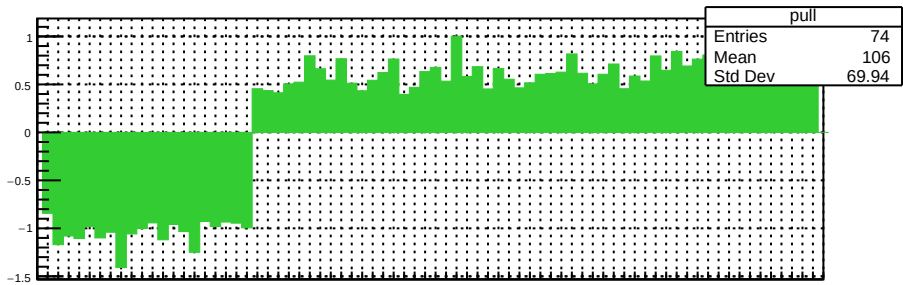
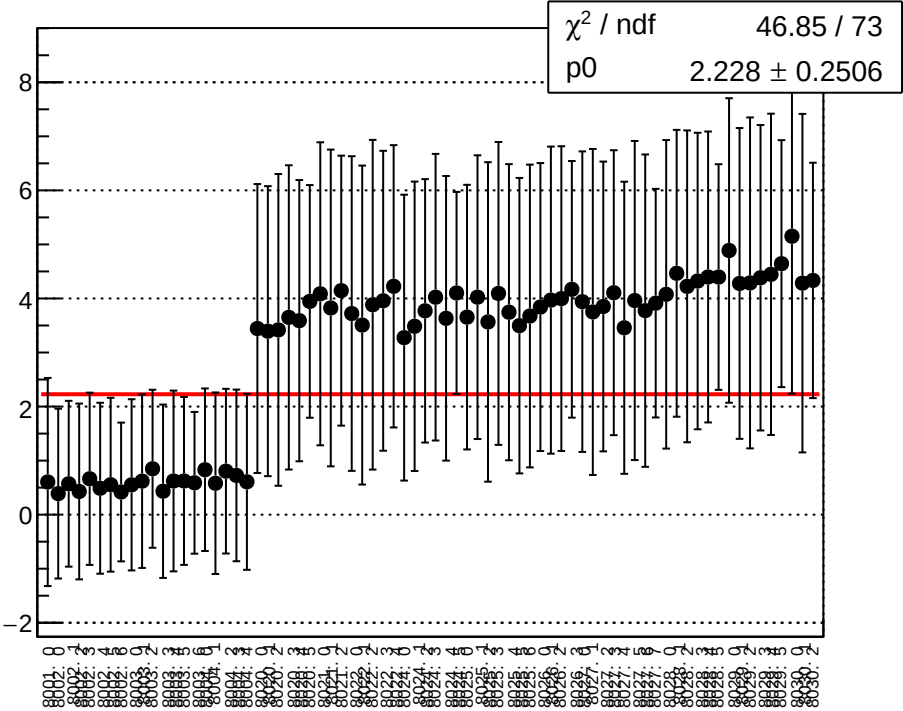
reg\_asym\_sam\_26\_dd\_diff\_bpm4eX\_slope vs run



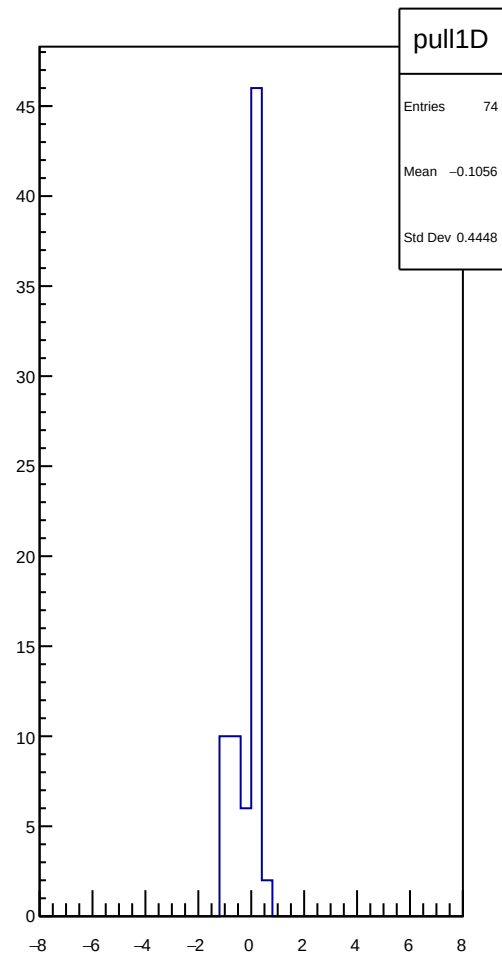
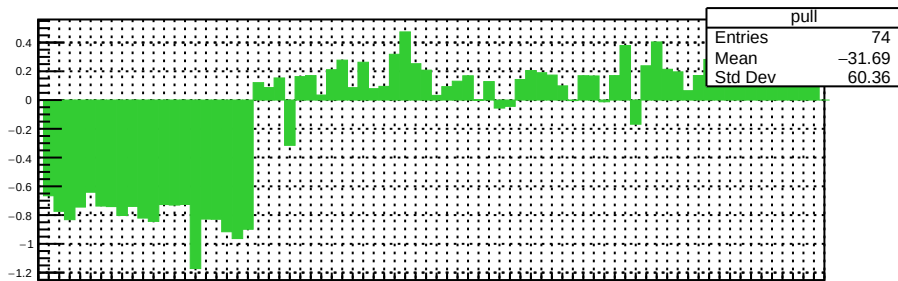
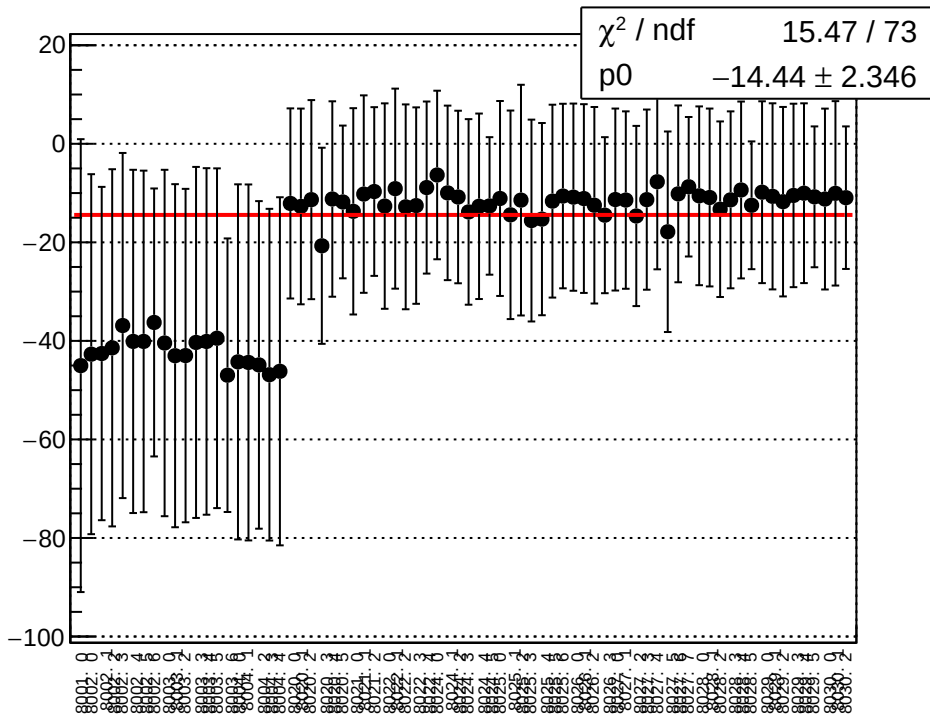
reg\_asym\_sam\_26\_dd\_diff\_bpm4eY\_slope vs run



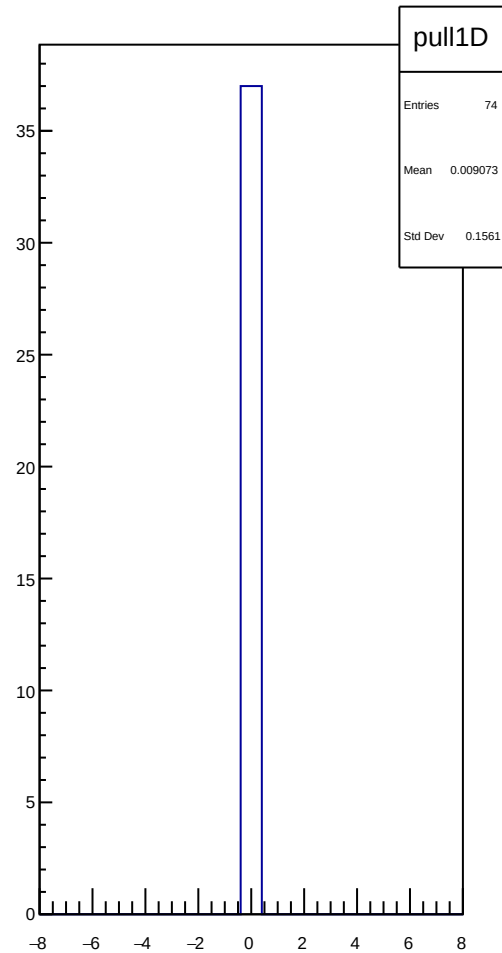
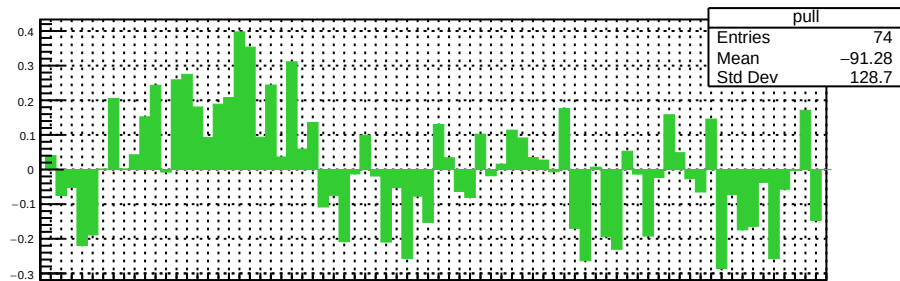
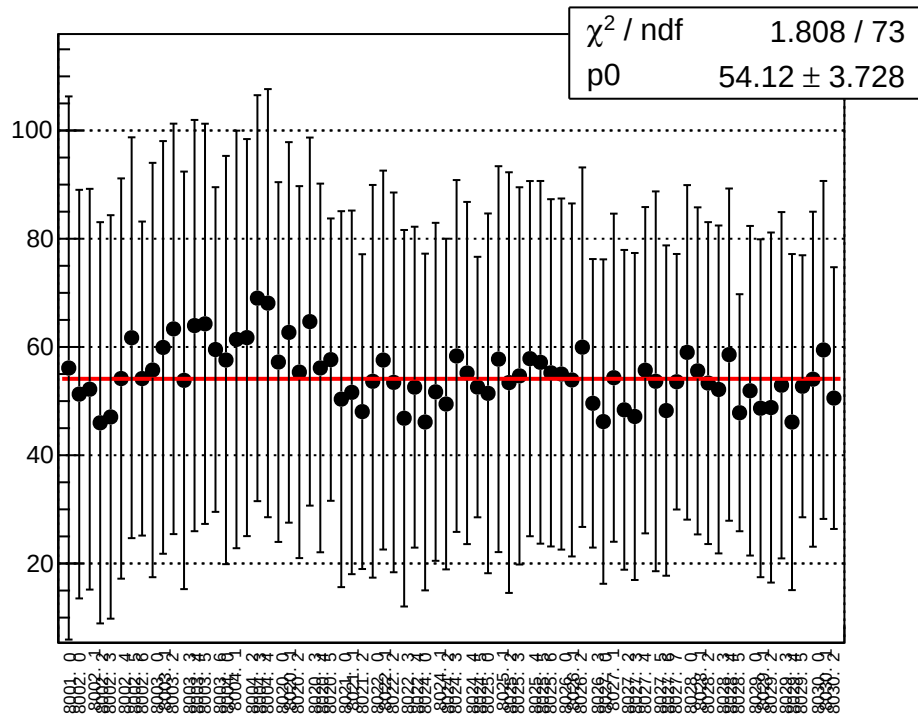
reg\_asym\_sam\_26\_dd\_diff\_bpm12X\_slope vs run



reg\_asym\_sam\_48\_avg\_diff\_bpm1X\_slope vs run

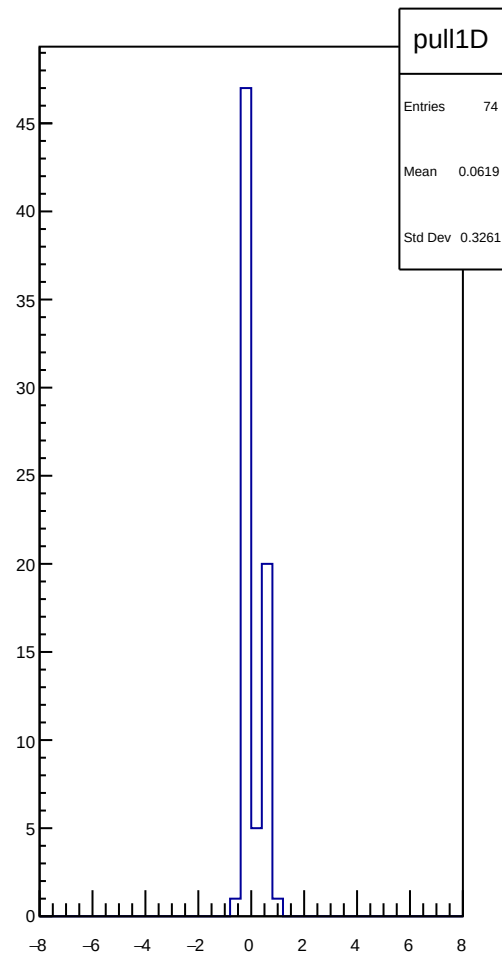
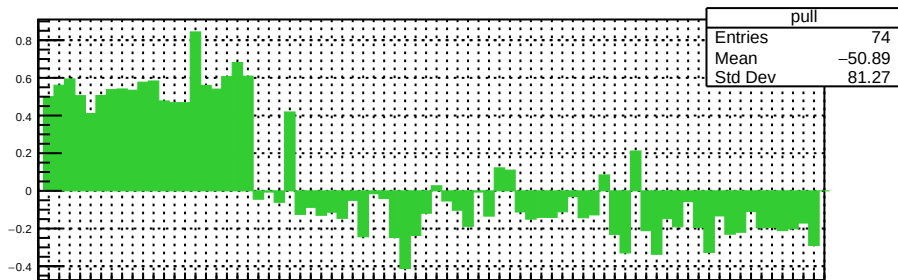
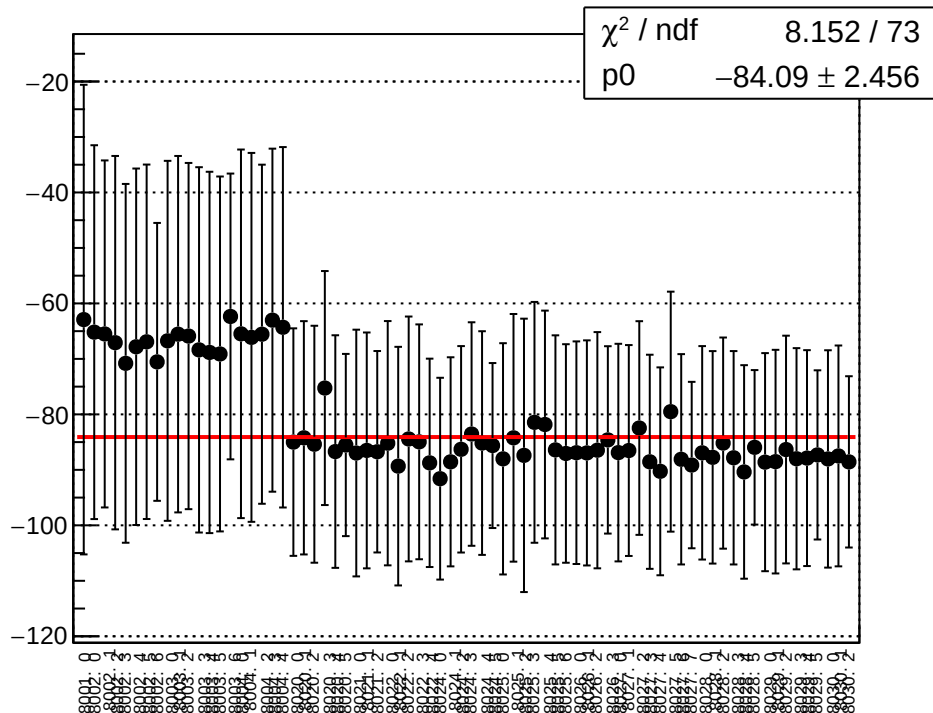


reg\_asym\_sam\_48\_avg\_diff\_bpm4aY\_slope vs run

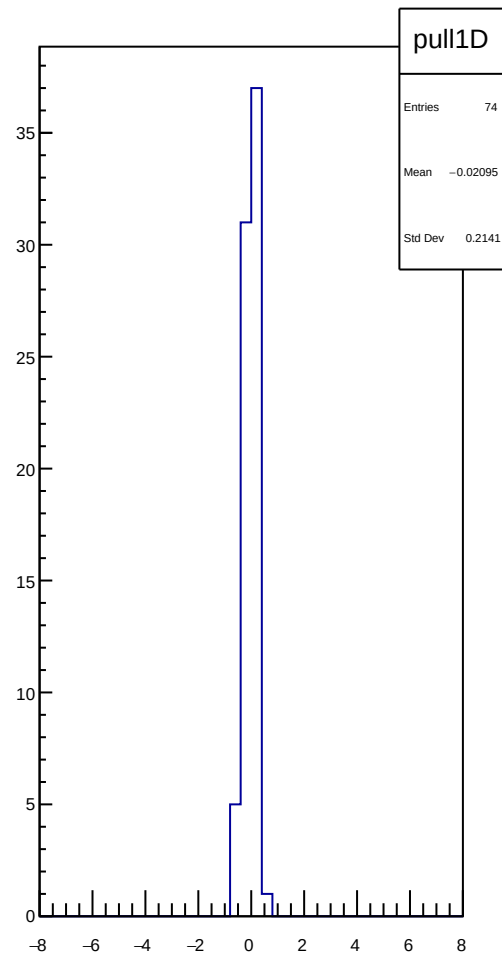
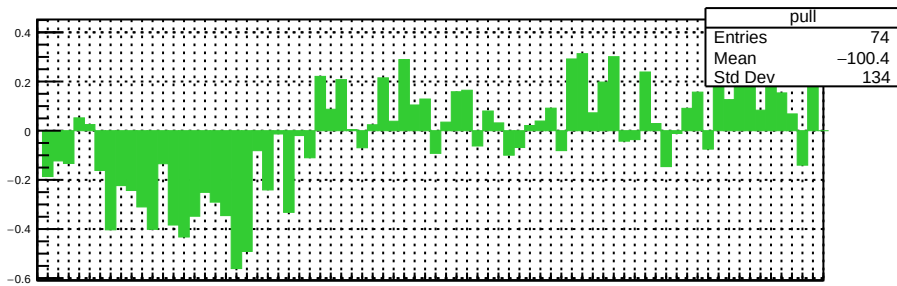
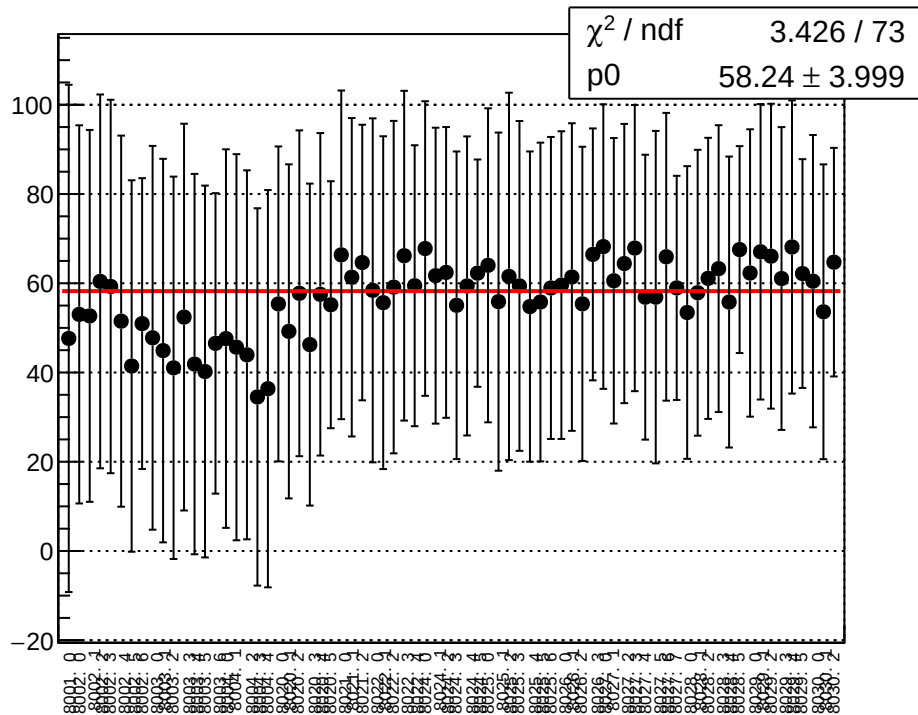




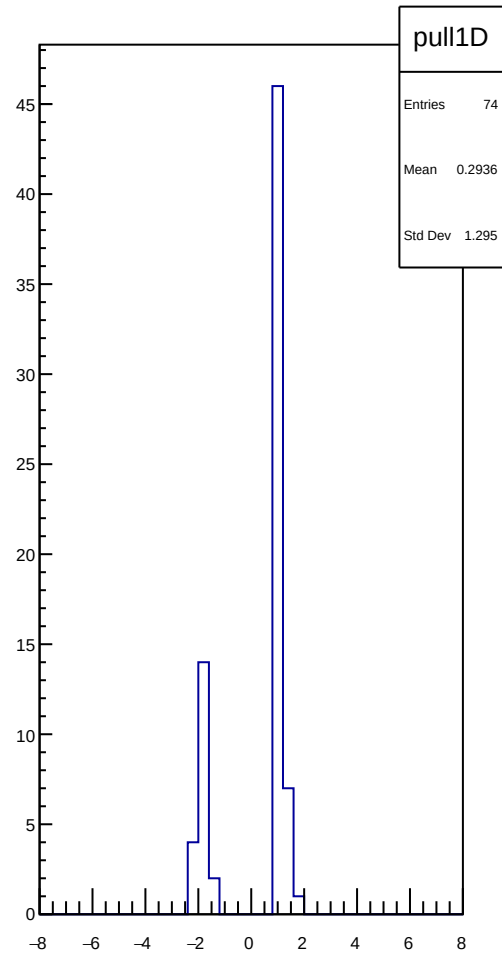
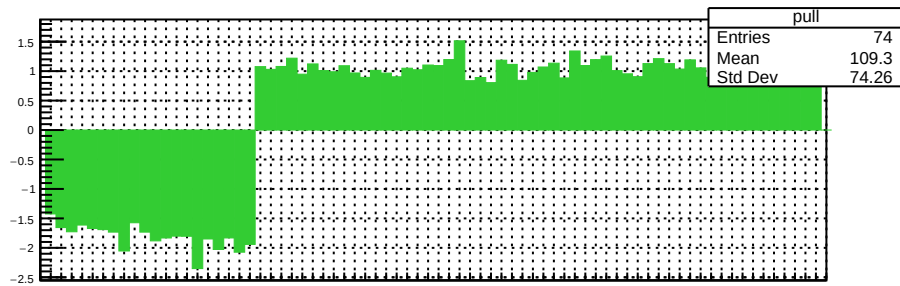
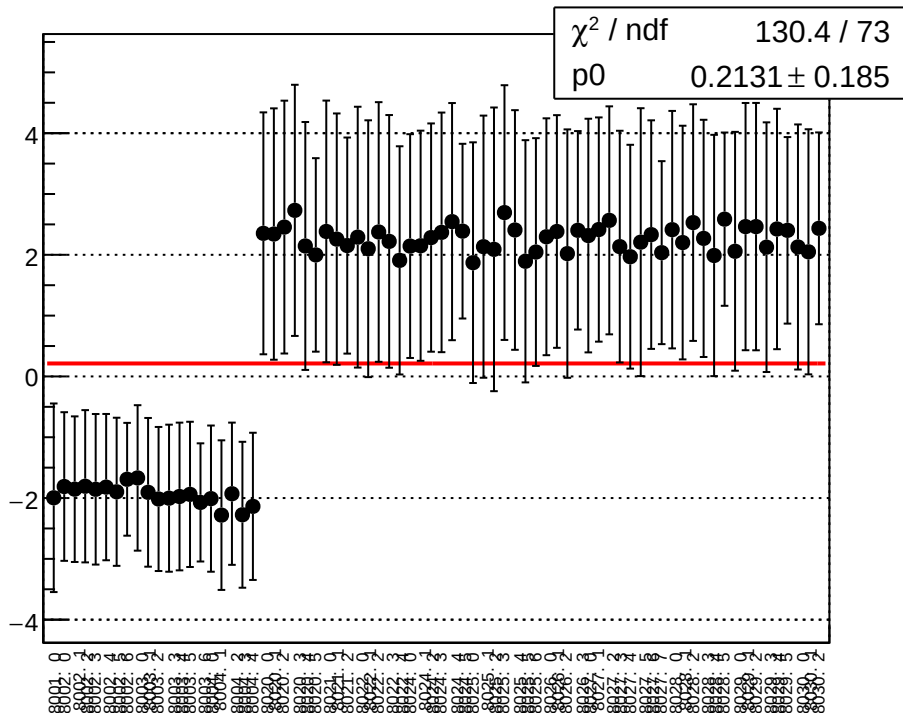
reg\_asym\_sam\_48\_avg\_diff\_bpm4eX\_slope vs run



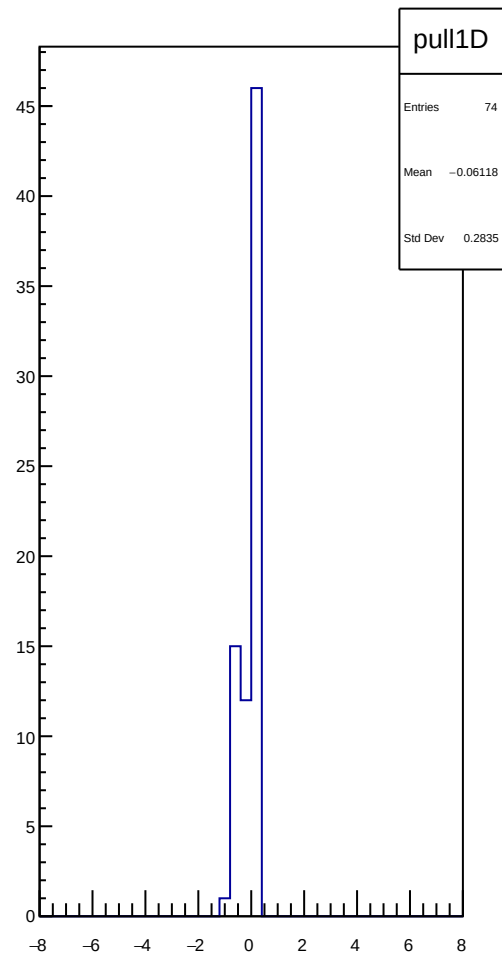
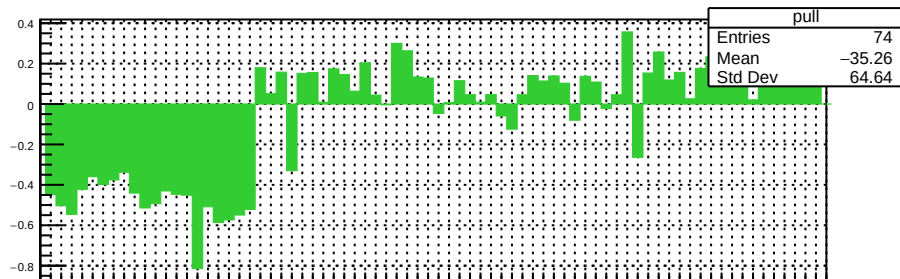
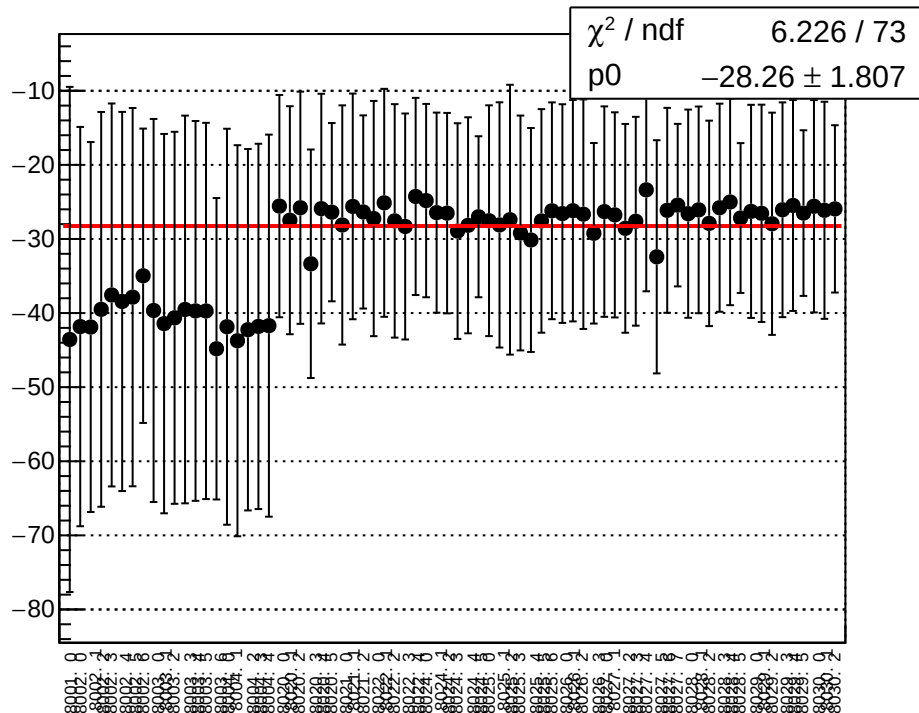
reg\_asym\_sam\_48\_avg\_diff\_bpm4eY\_slope vs run



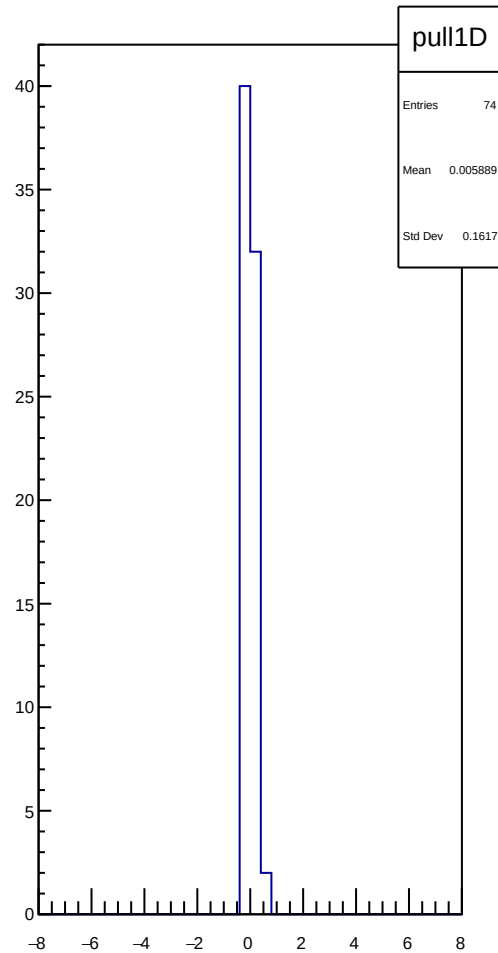
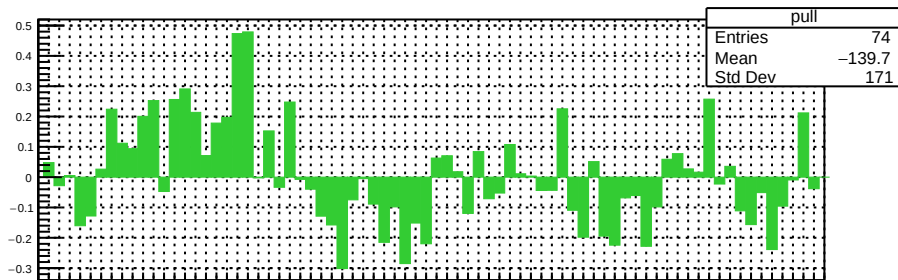
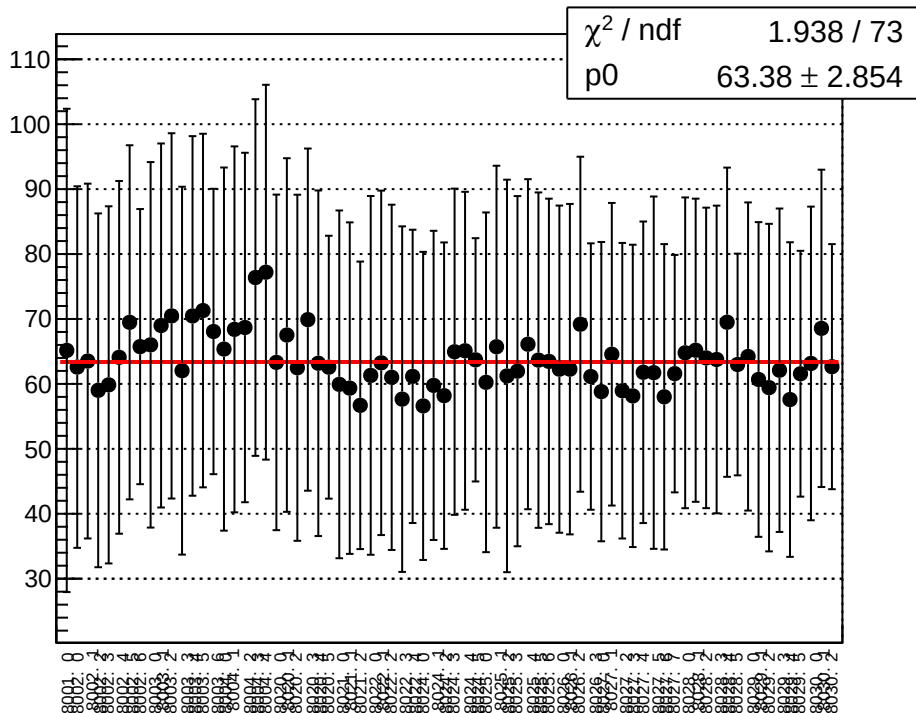
reg\_asym\_sam\_48\_avg\_diff\_bpm12X\_slope vs run



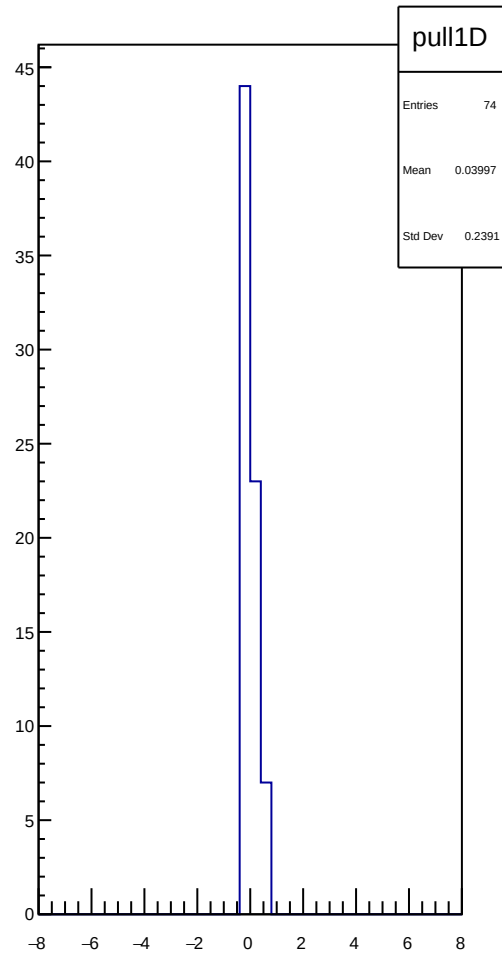
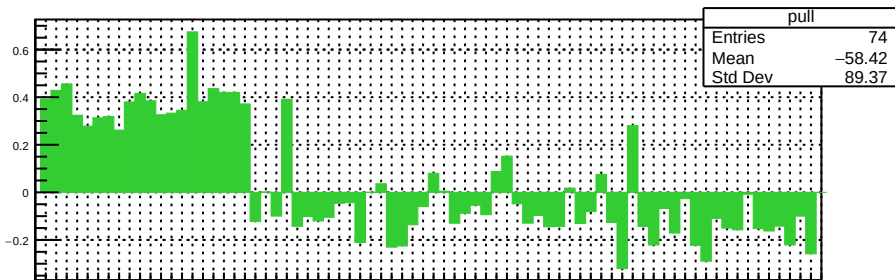
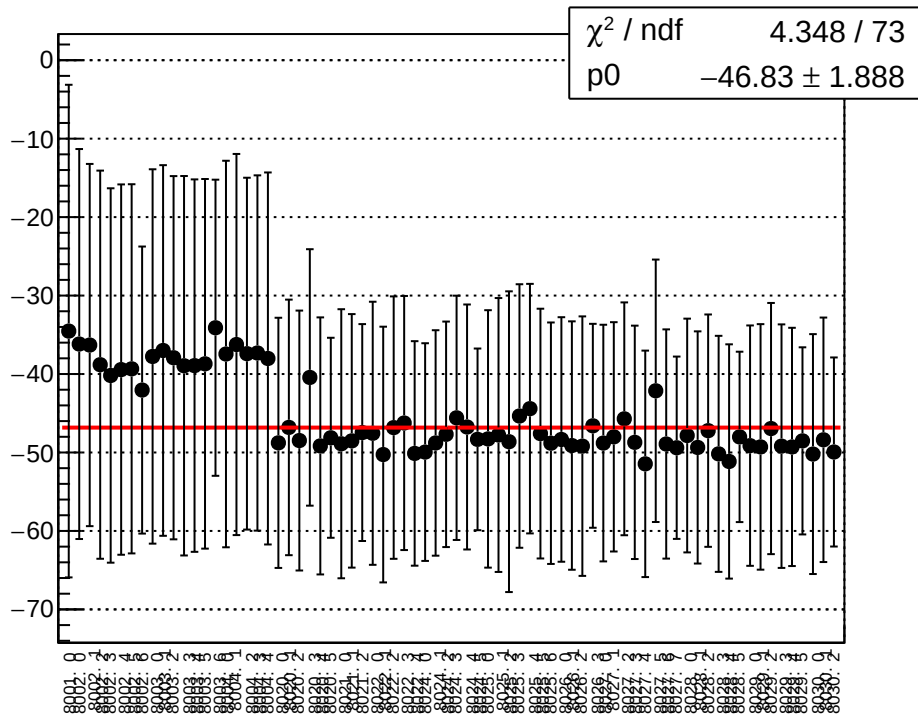
reg\_asym\_sam\_48\_dd\_diff\_bpm1X\_slope vs run



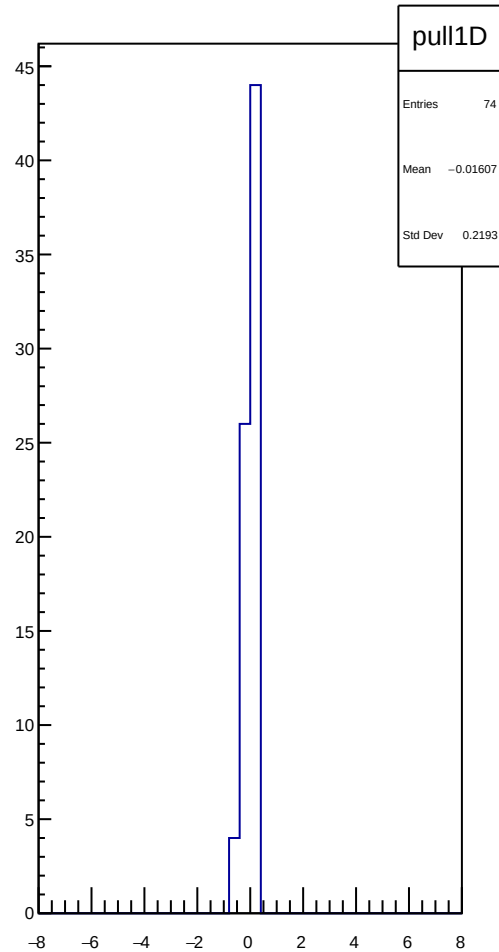
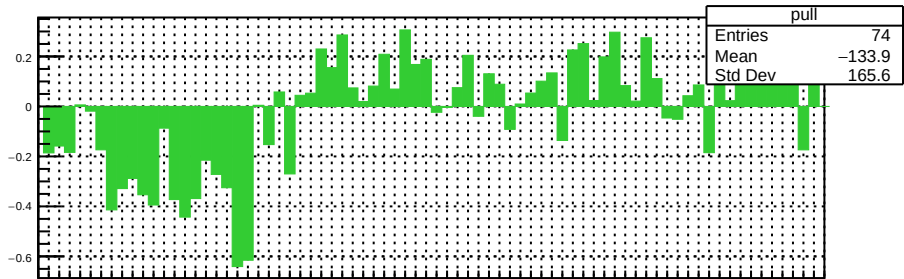
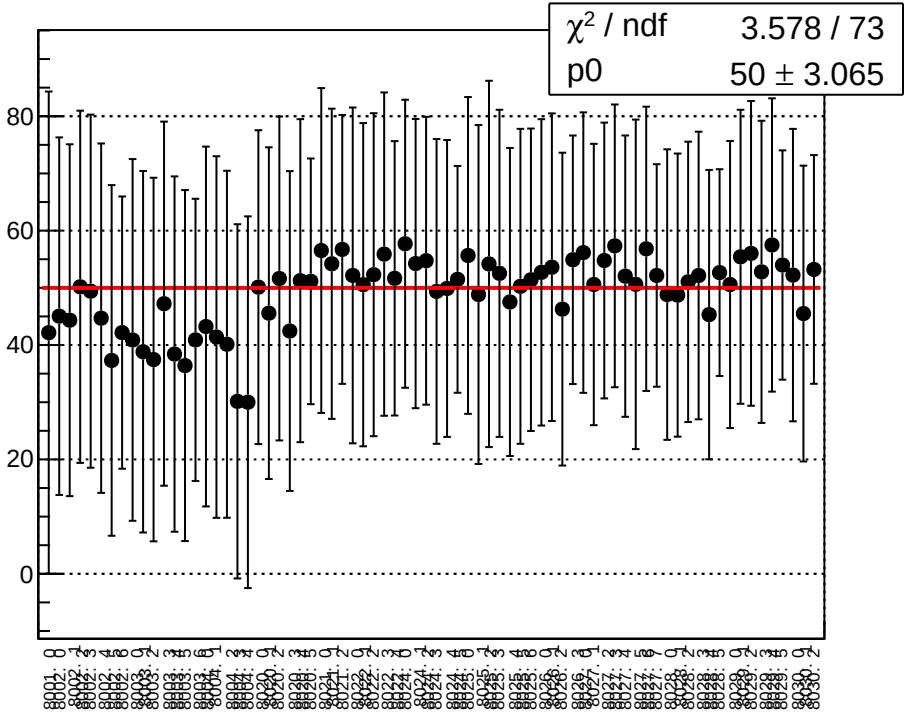
reg\_asym\_sam\_48\_dd\_diff\_bpm4aY\_slope vs run



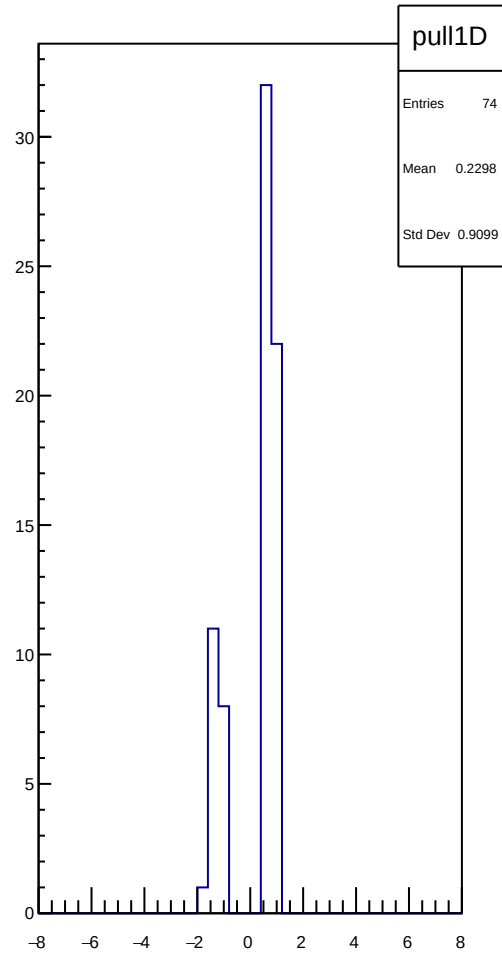
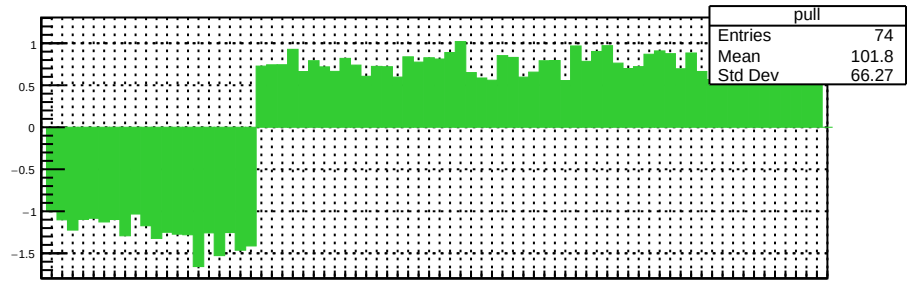
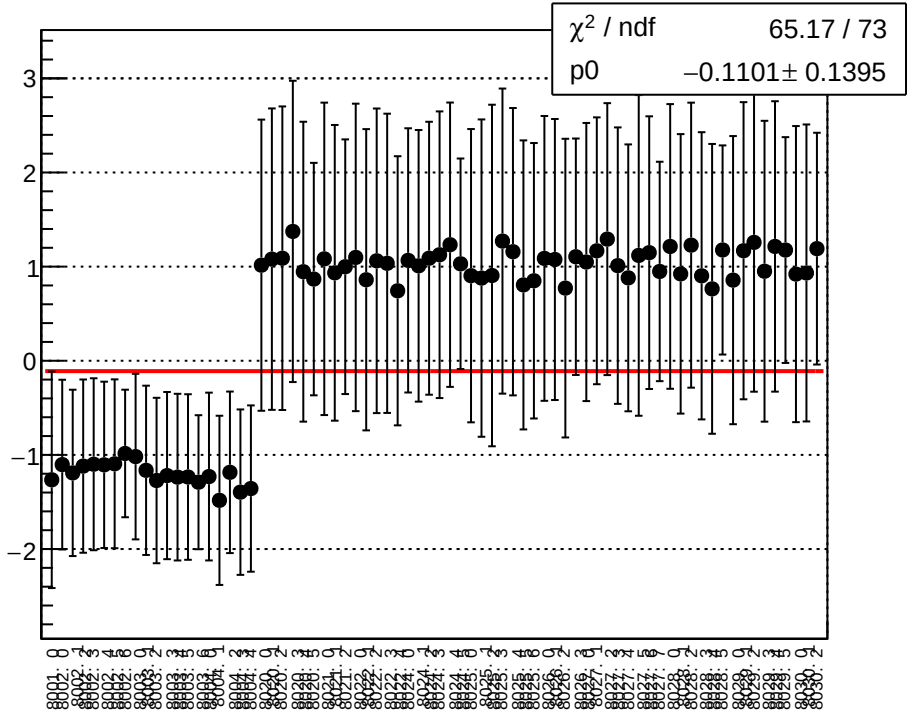
reg\_asym\_sam\_48\_dd\_diff\_bpm4eX\_slope vs run



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

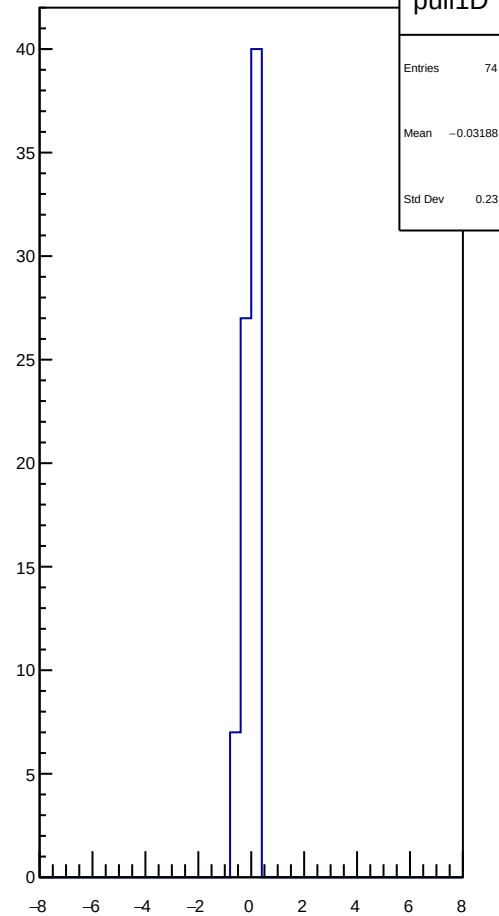
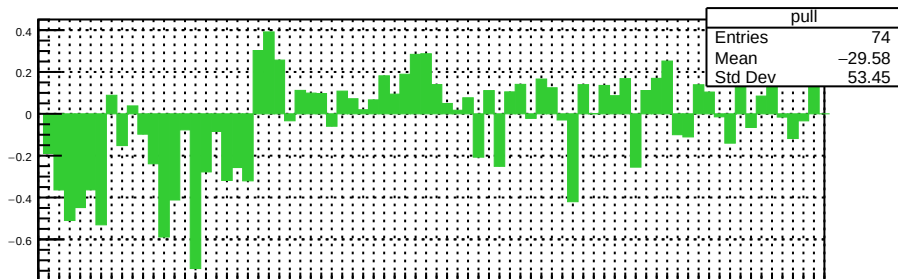
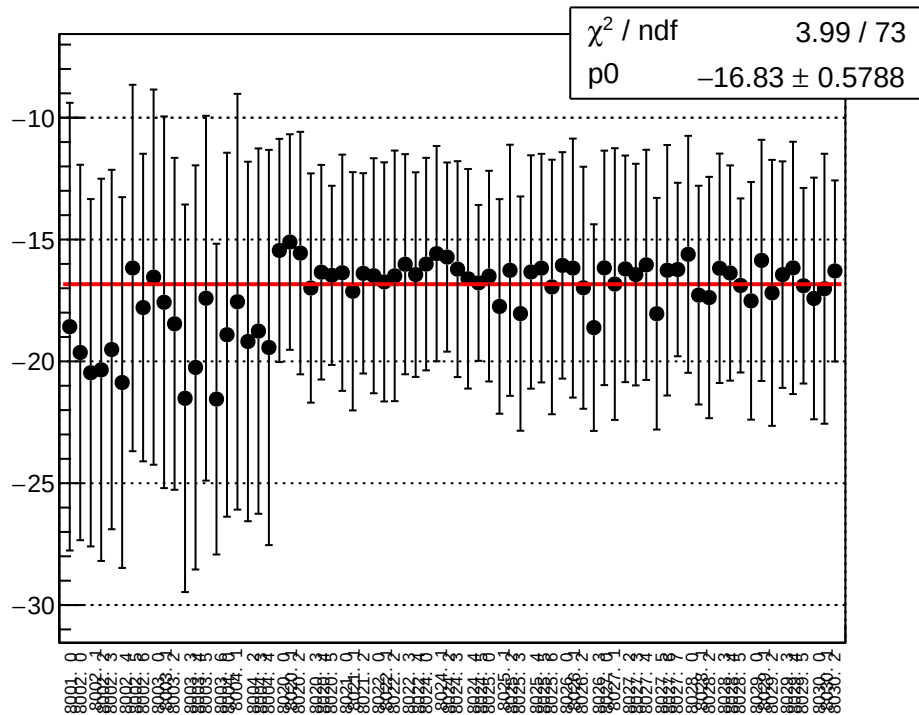


reg\_asym\_sam\_48\_dd\_diff\_bpm12X\_slope vs run

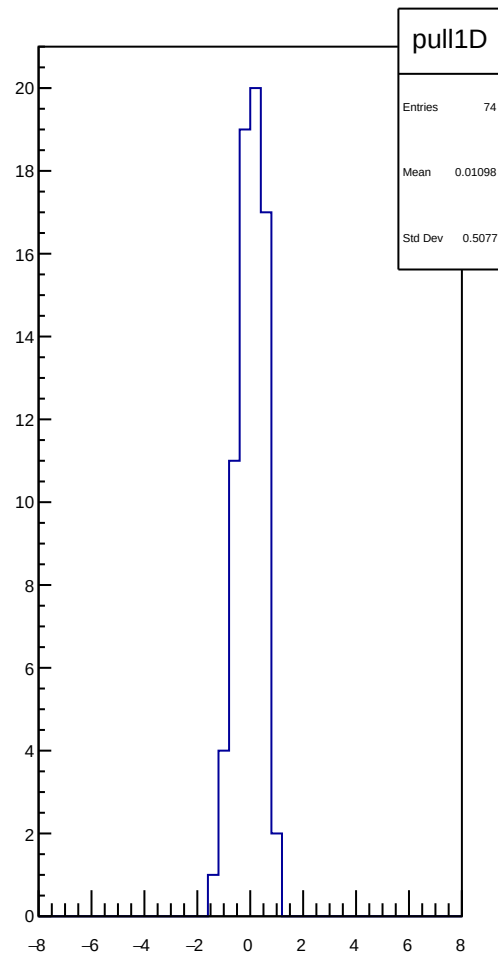
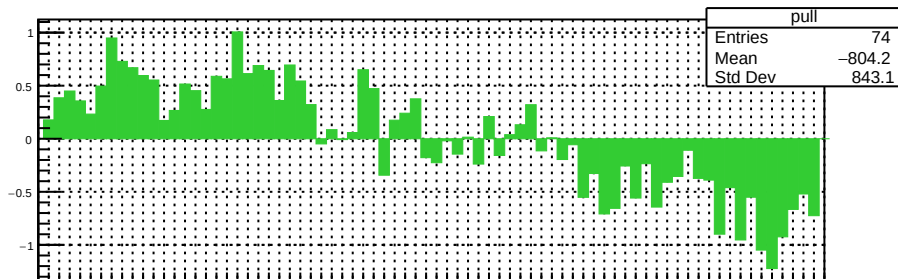
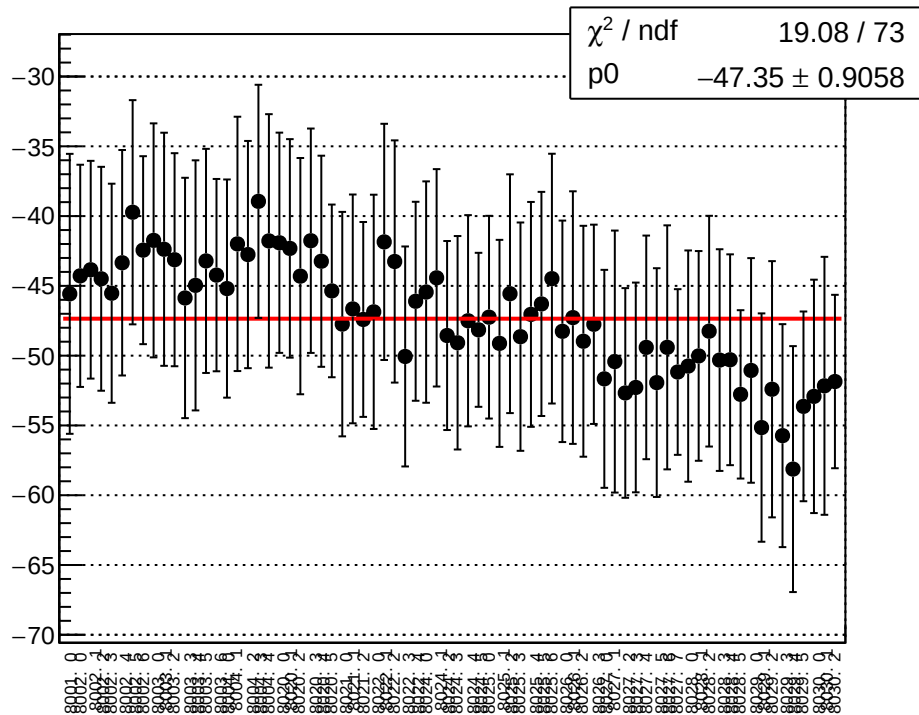




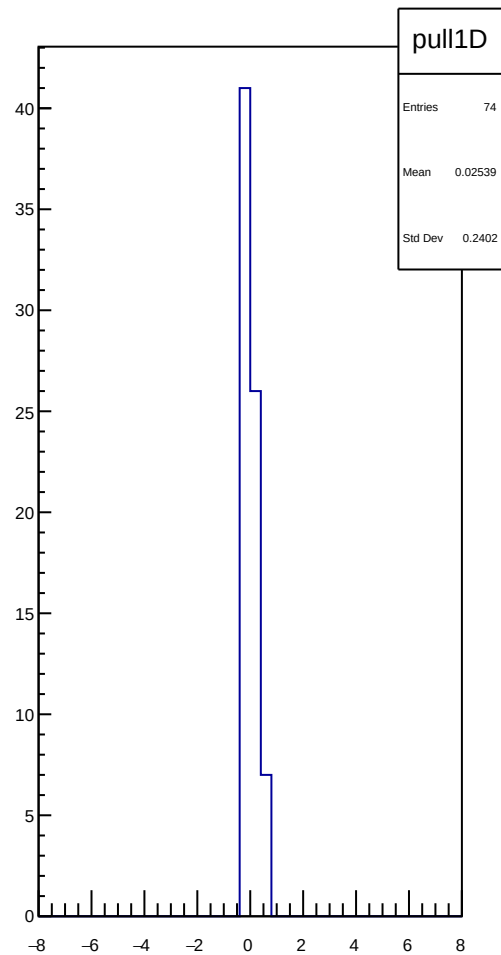
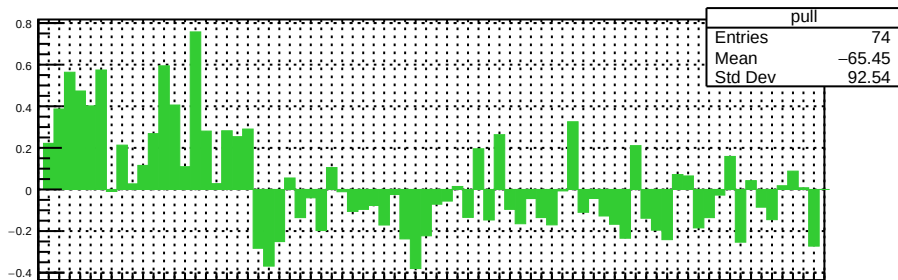
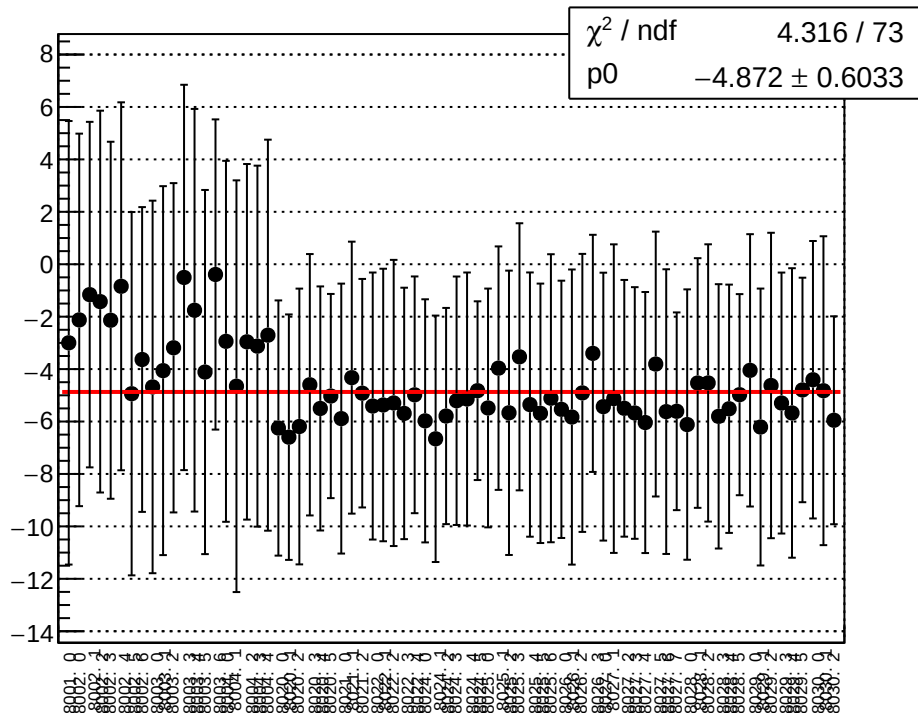
reg\_asym\_sam\_13\_57\_dd\_diff\_bpm1X\_slope vs run



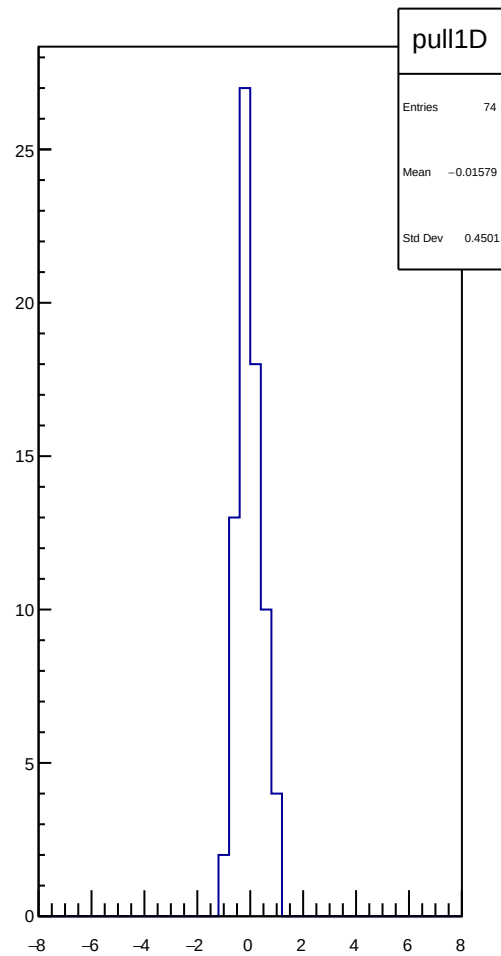
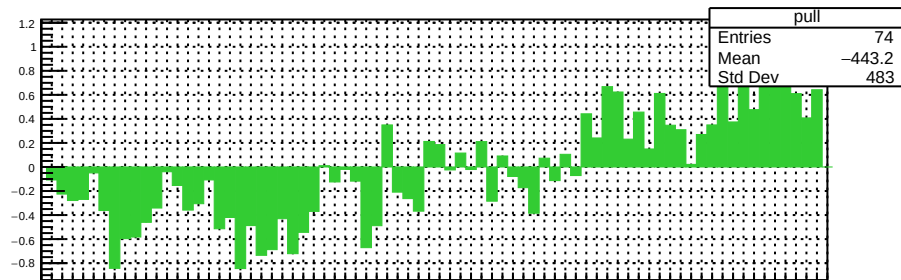
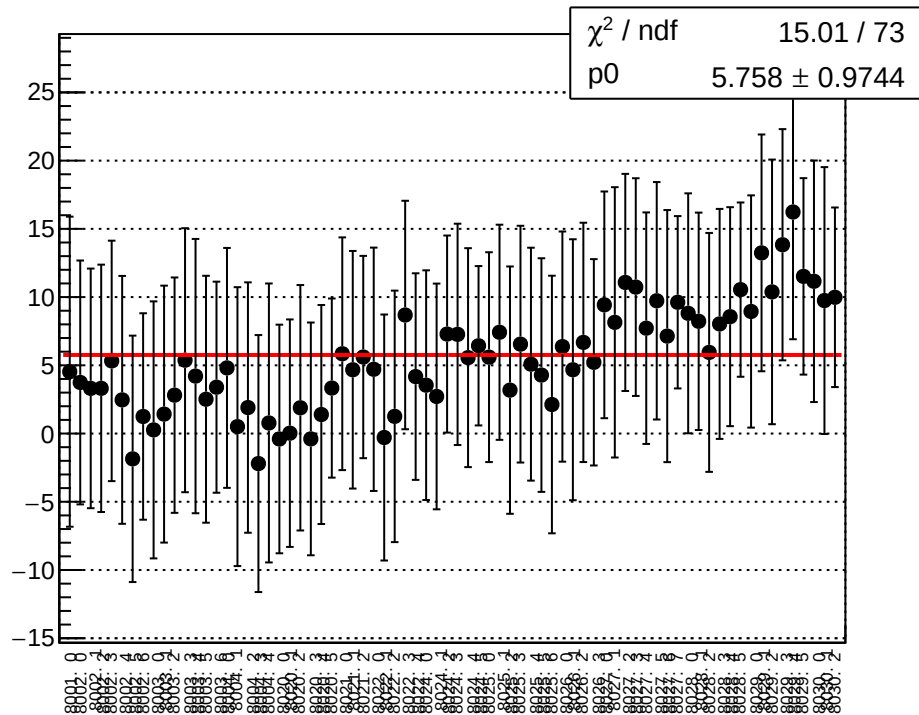
reg\_asym\_sam\_13\_57\_dd\_diff\_bpm4aY\_slope vs run



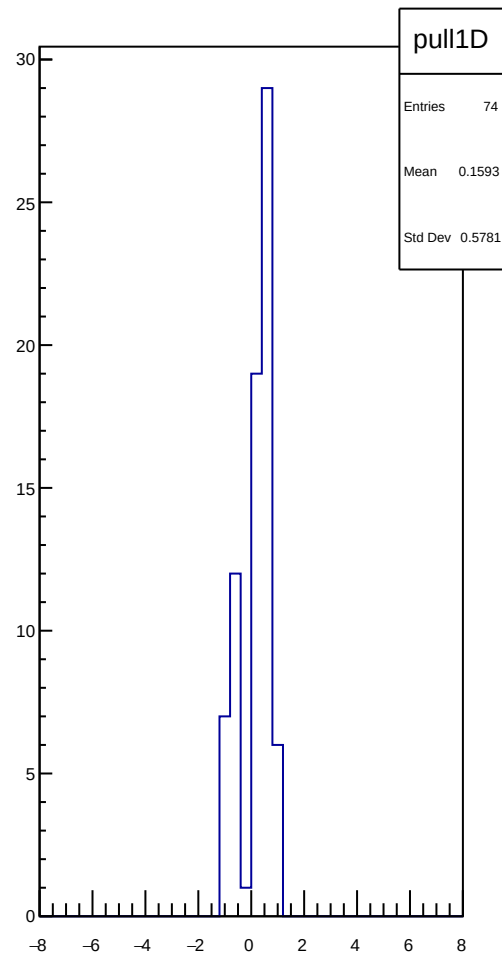
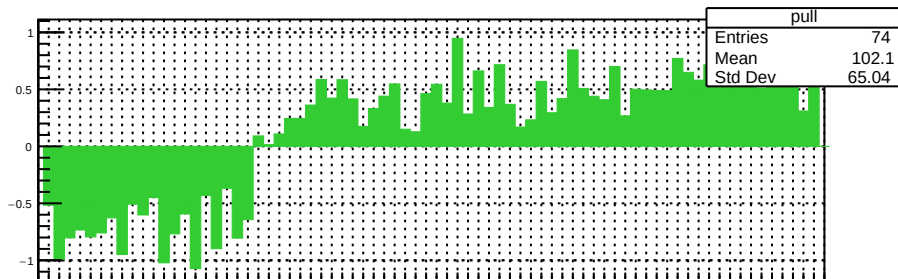
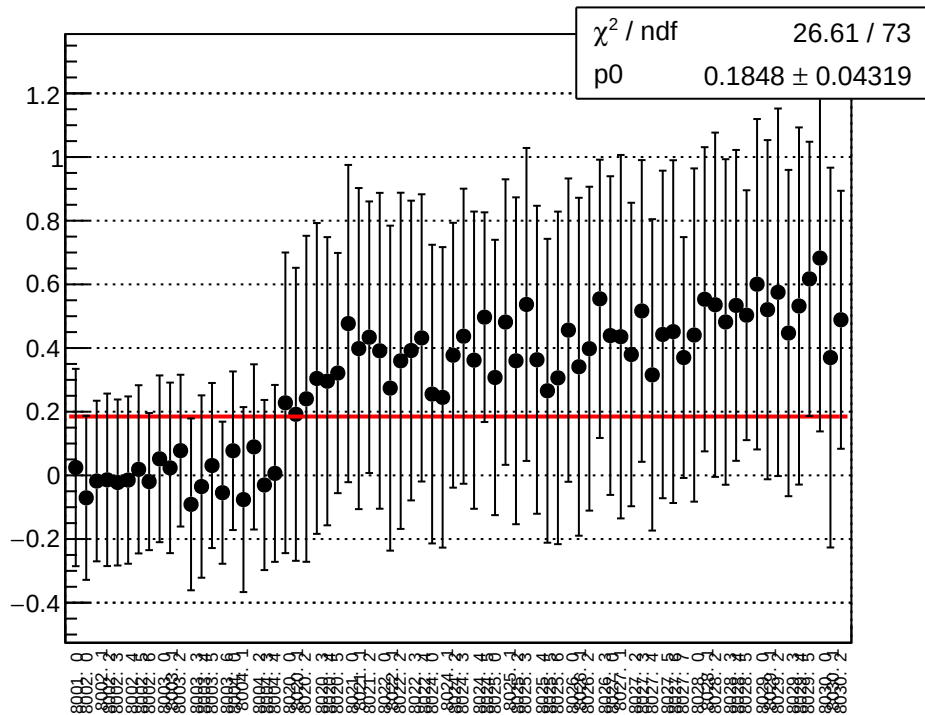
reg\_asym\_sam\_13\_57\_dd\_diff\_bpm4eX\_slope vs run



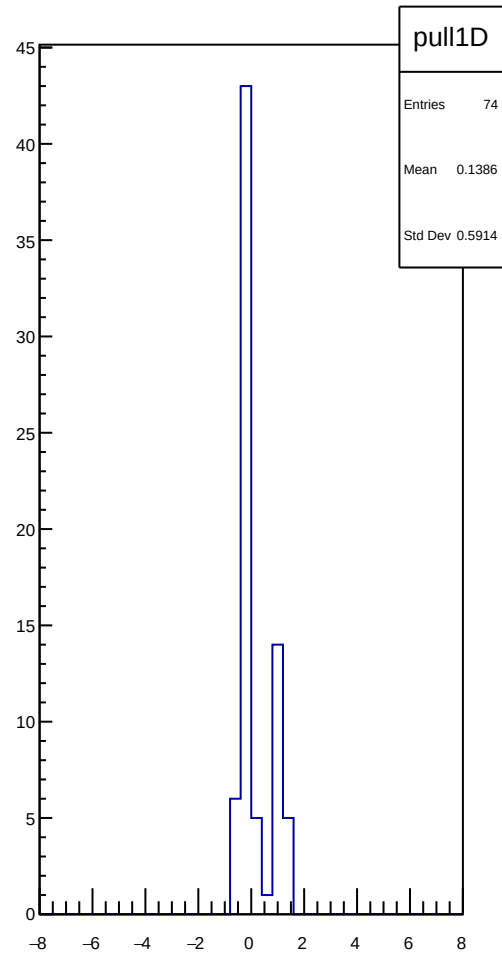
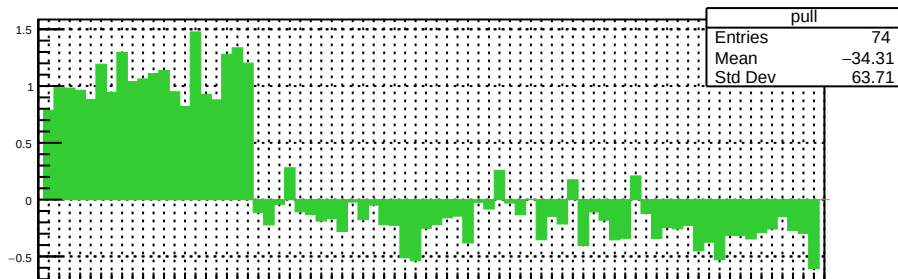
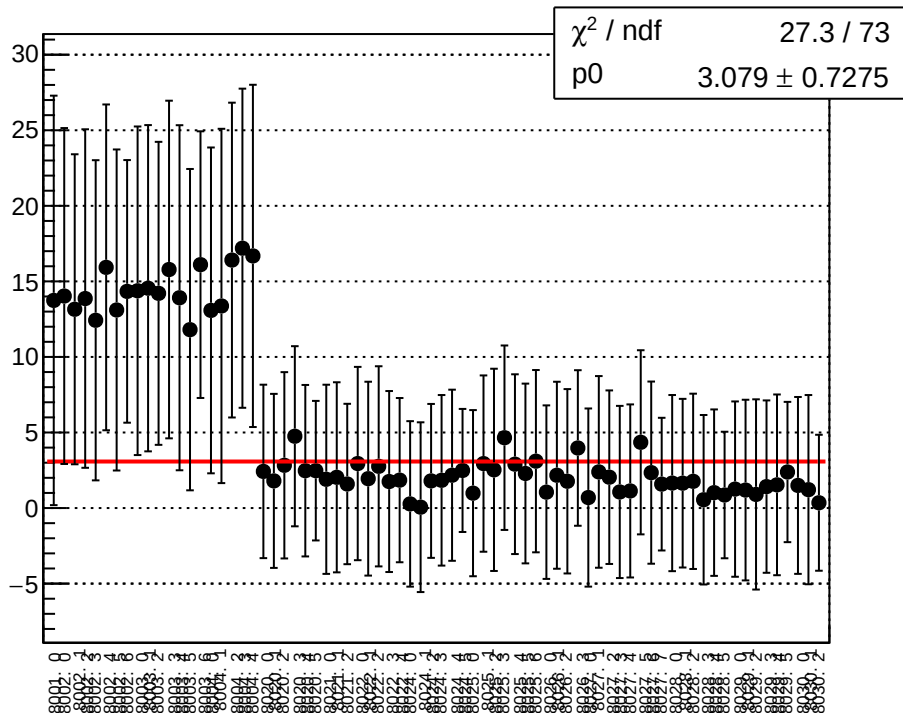
reg\_asym\_sam\_13\_57\_dd\_diff\_bpm4eY\_slope vs run



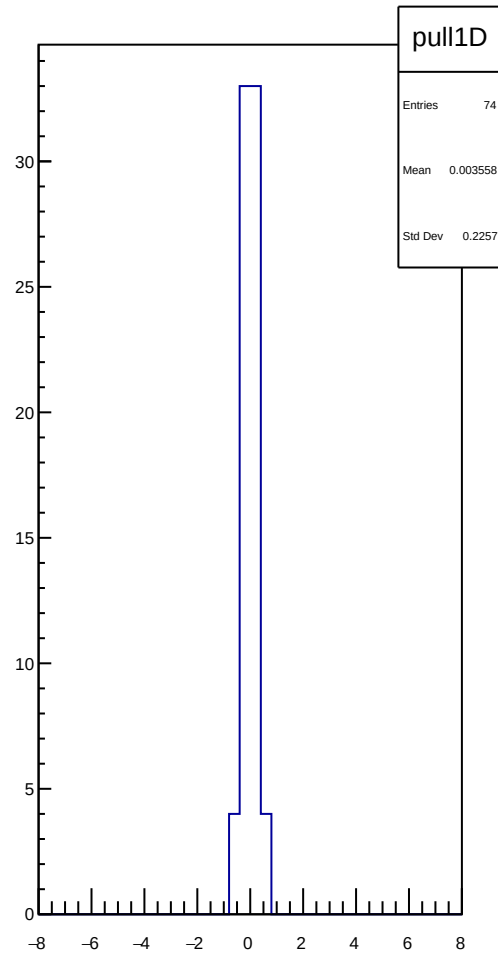
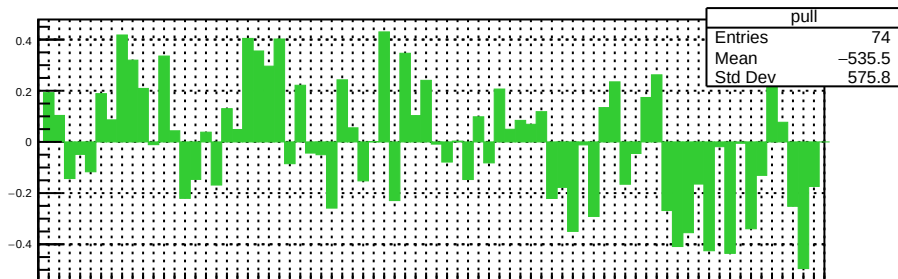
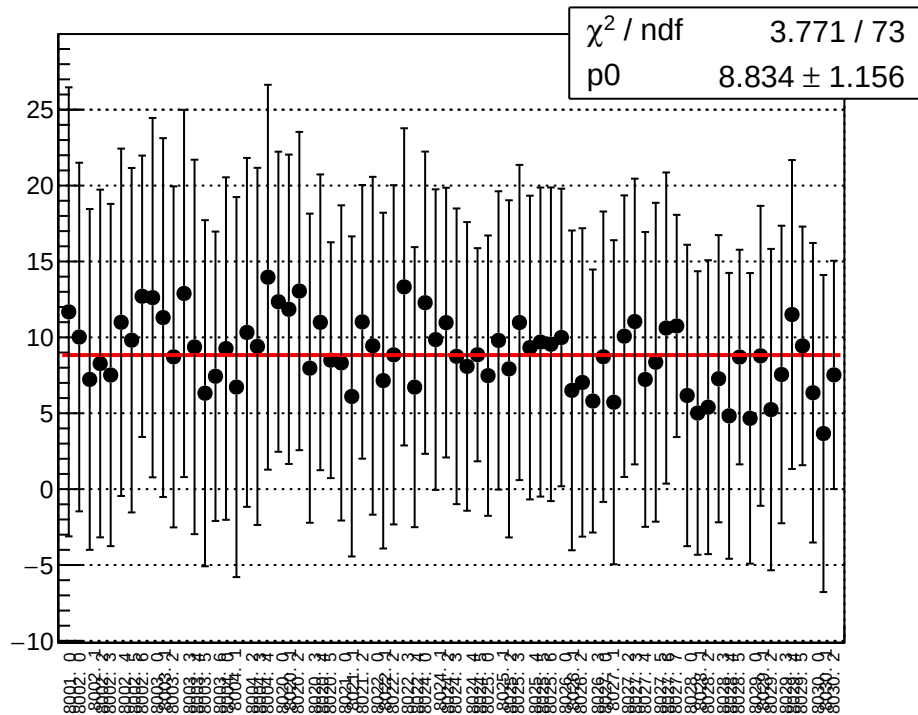
reg\_asym\_sam\_13\_57\_dd\_diff\_bpm12X\_slope vs run



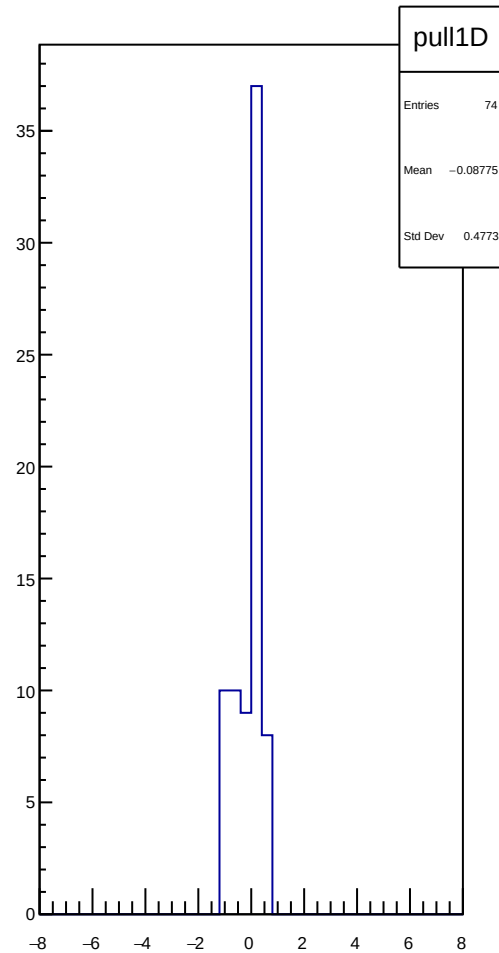
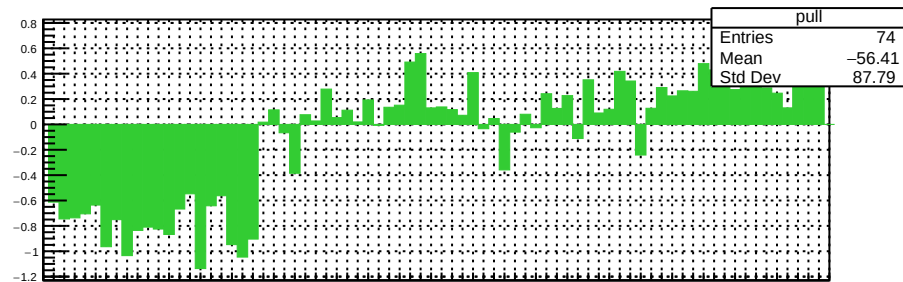
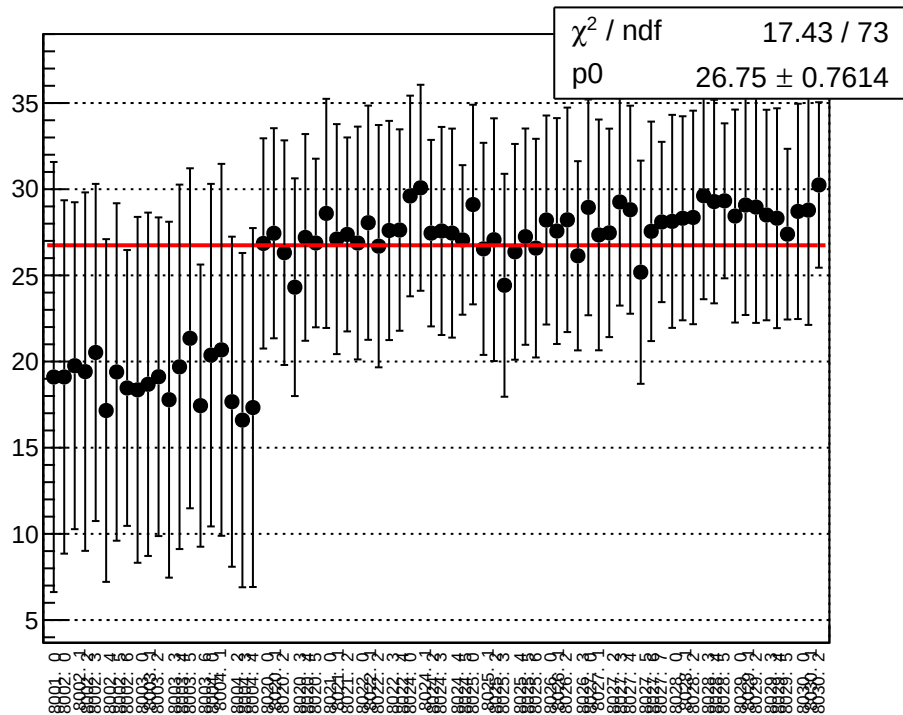
reg\_asym\_sam\_15\_37\_dd\_diff\_bpm1X\_slope vs run



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

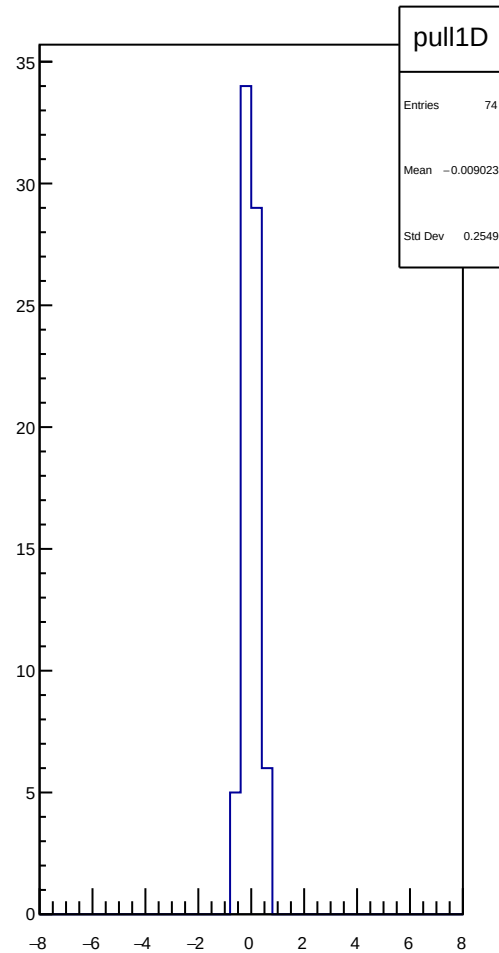
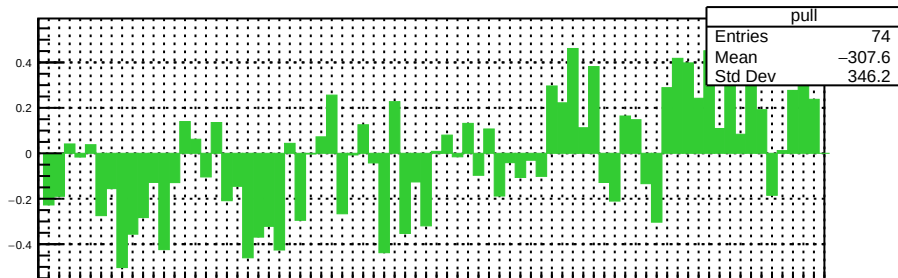
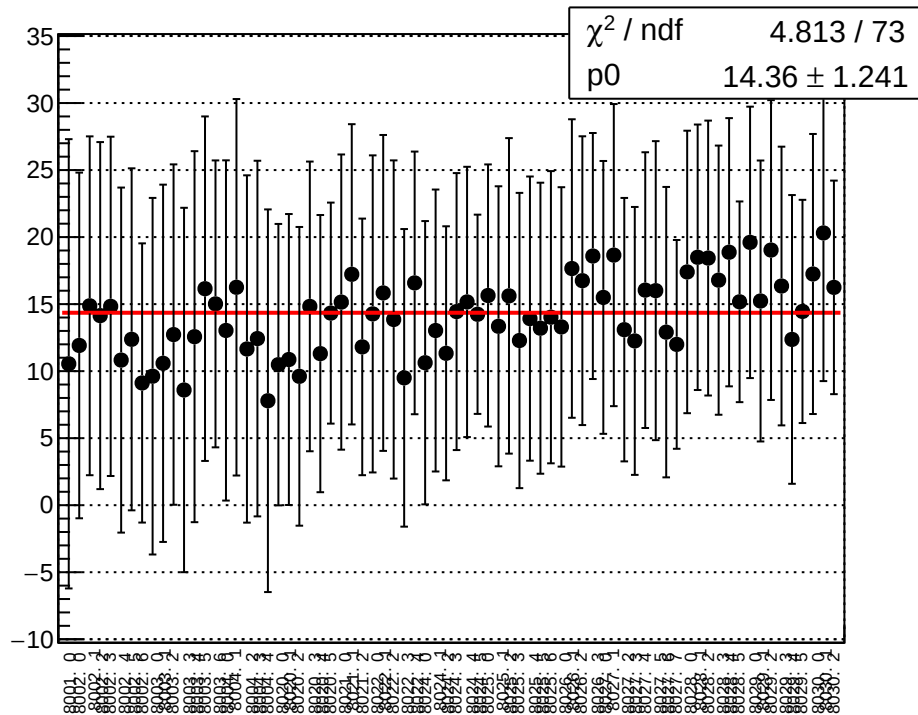


reg\_asym\_sam\_15\_37\_dd\_diff\_bpm4eX\_slope vs run

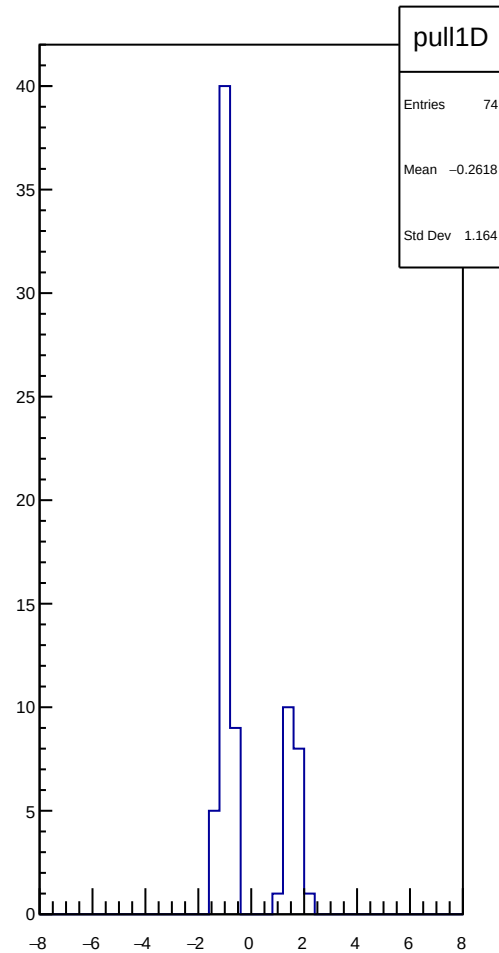
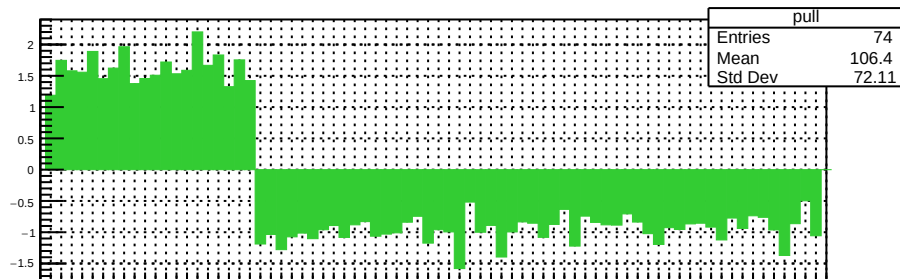
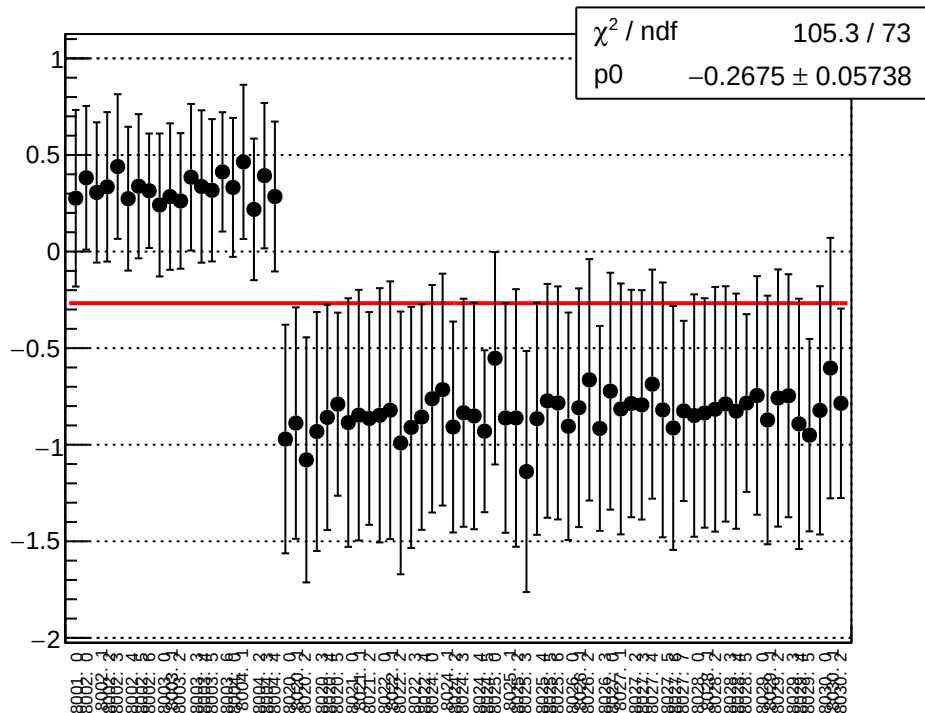




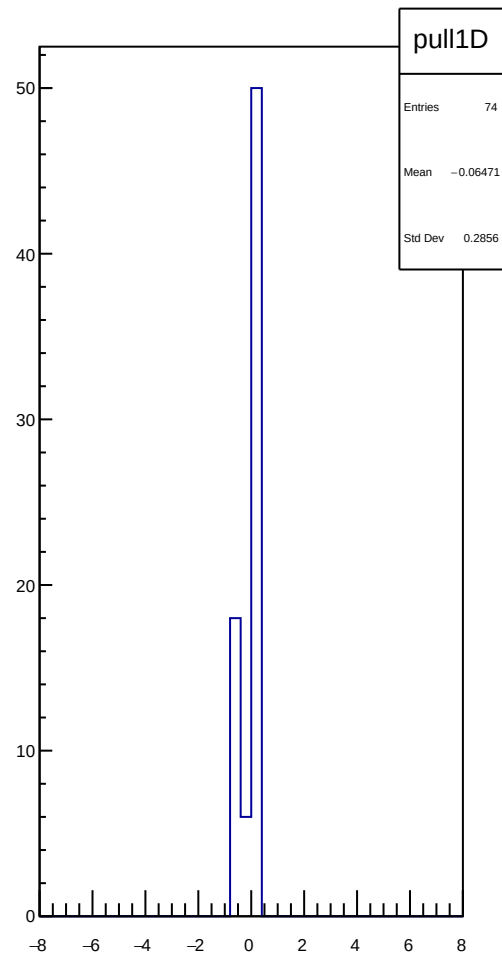
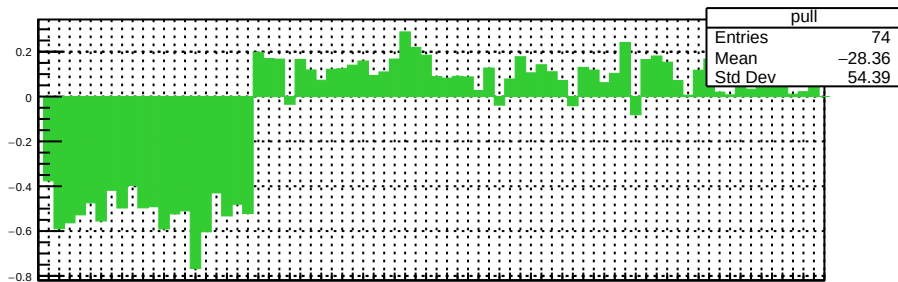
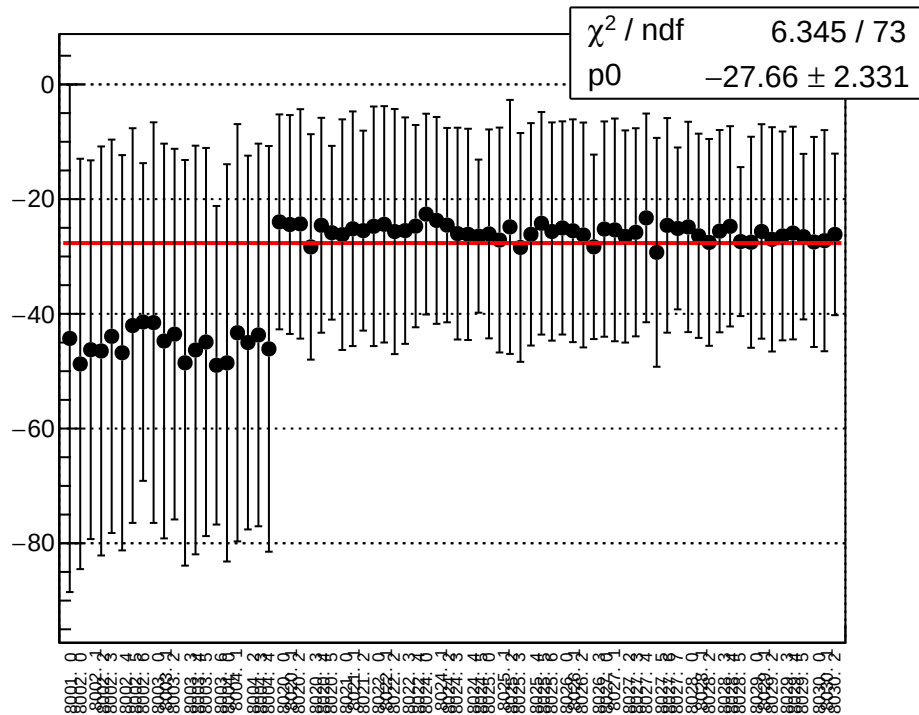
reg\_asym\_sam\_15\_37\_dd\_diff\_bpm4eY\_slope vs run



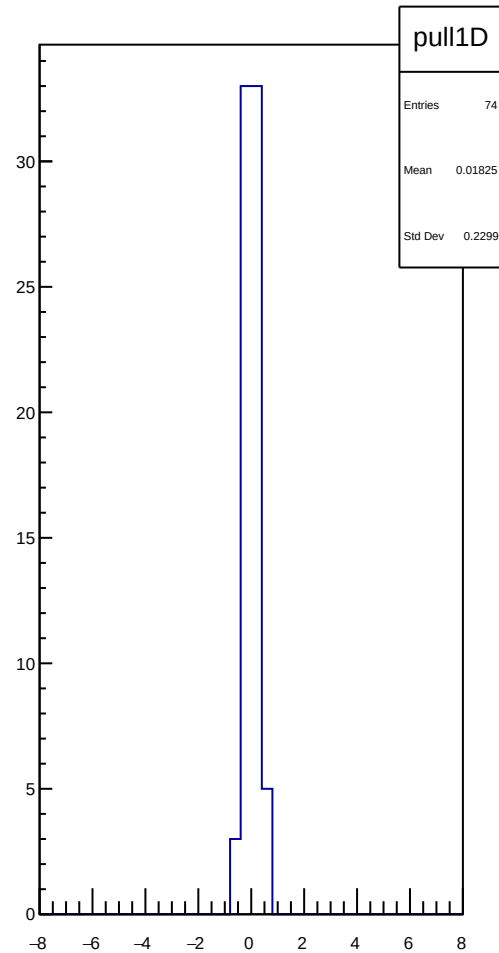
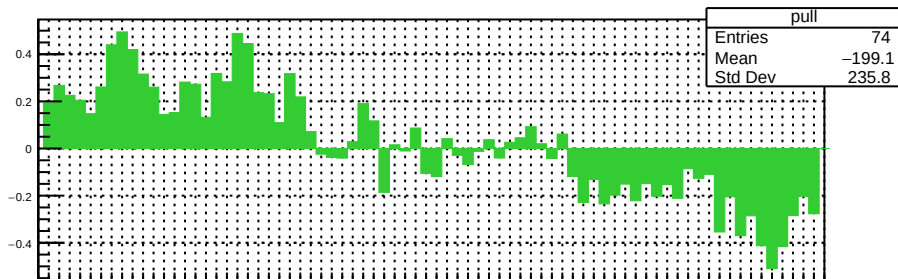
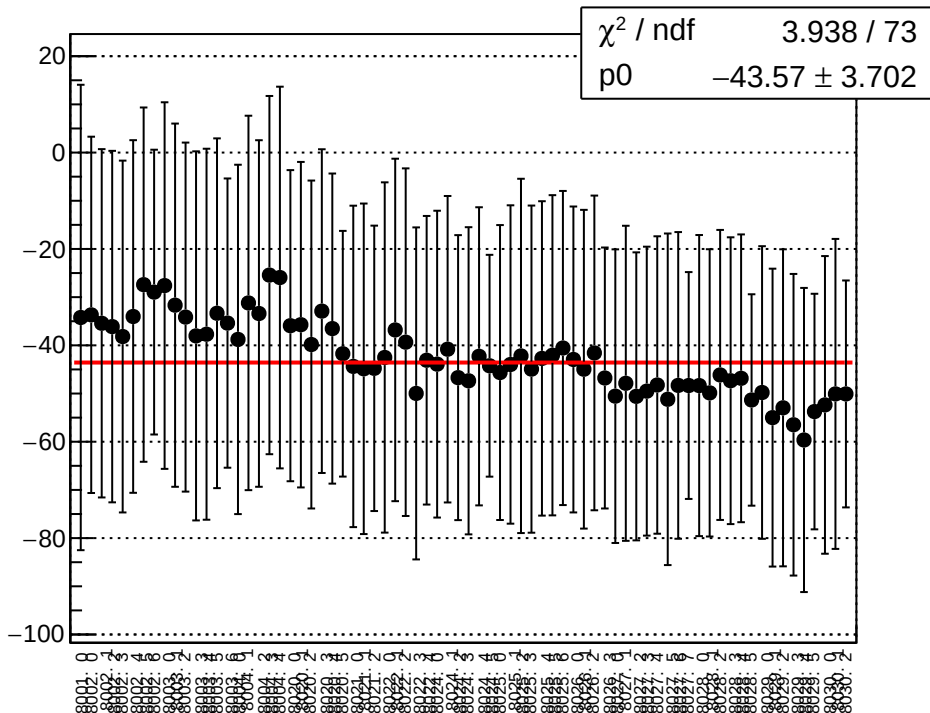
reg\_asym\_sam\_15\_37\_dd\_diff\_bpm12X\_slope vs run



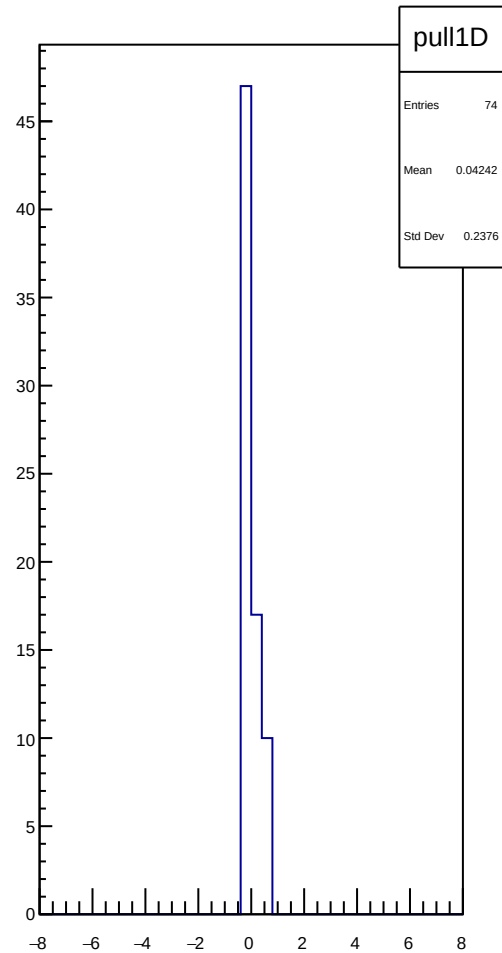
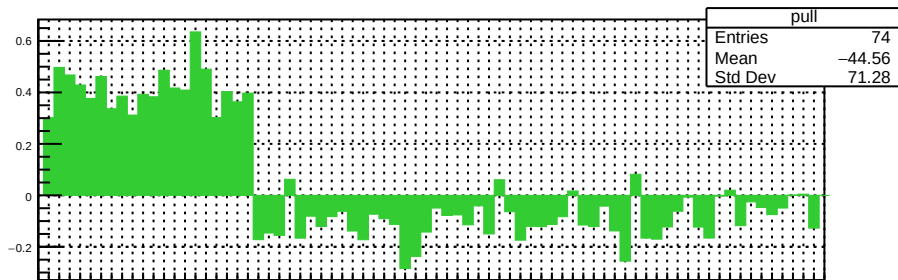
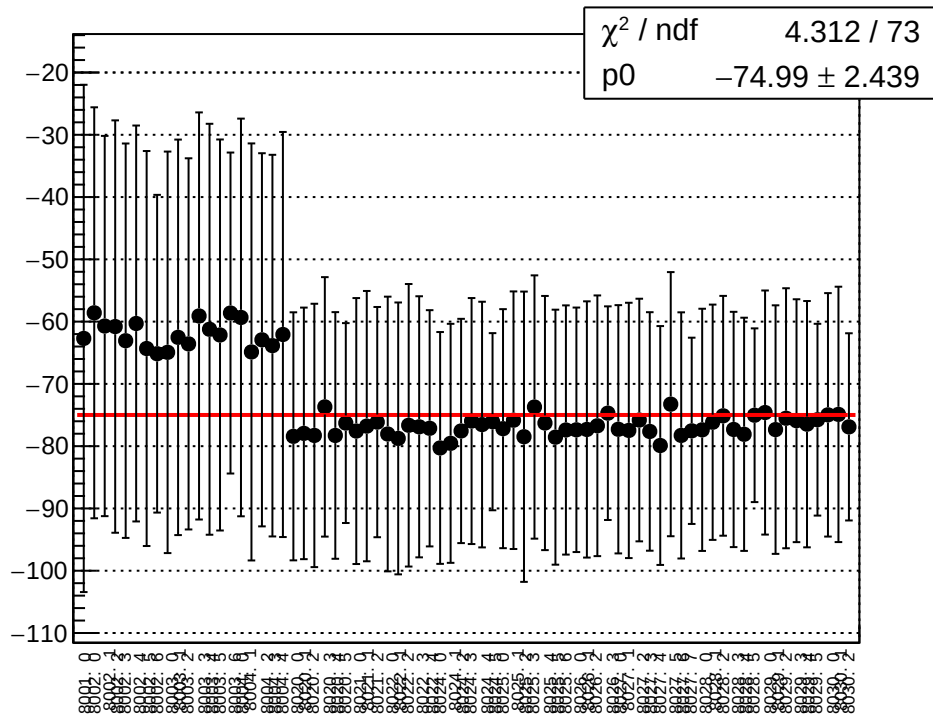
reg\_asym\_sam\_24\_68\_dd\_diff\_bpm1X\_slope vs run



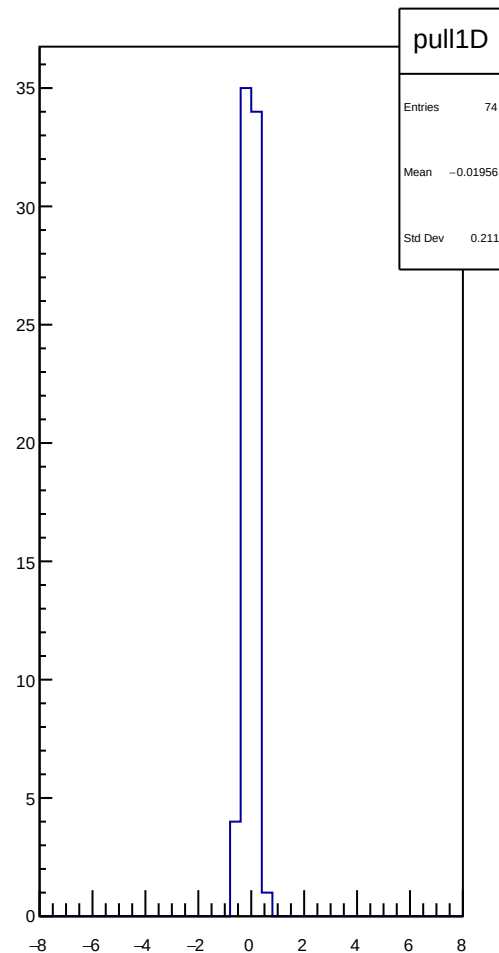
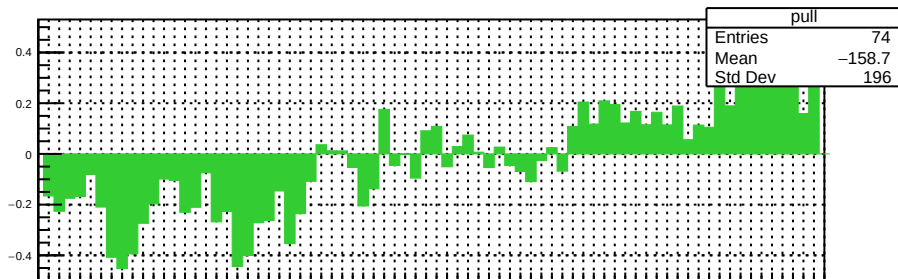
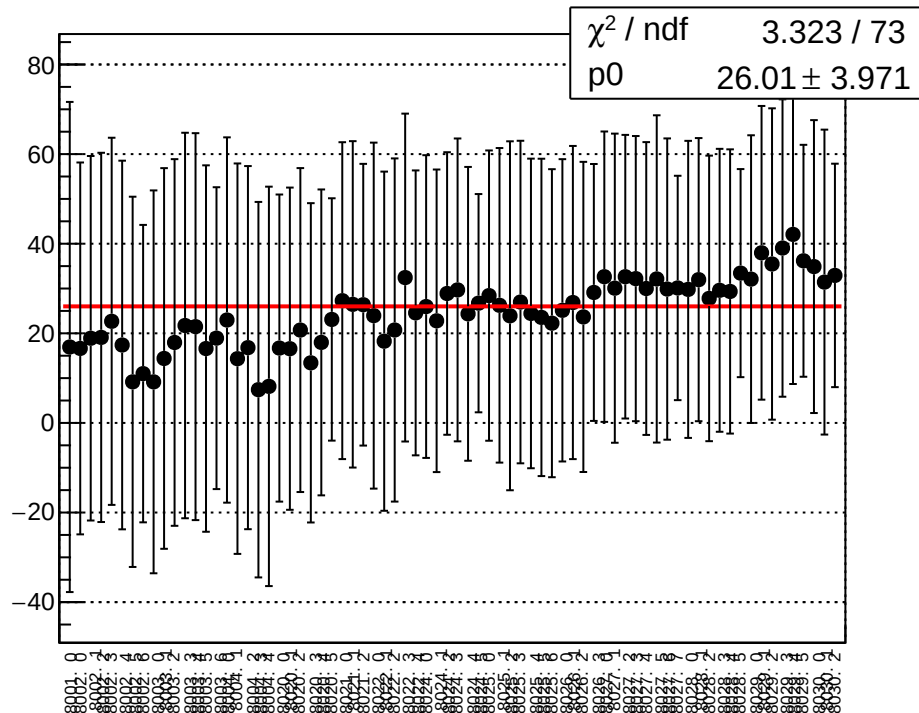
reg\_asym\_sam\_24\_68\_dd\_diff\_bpm4aY\_slope vs run



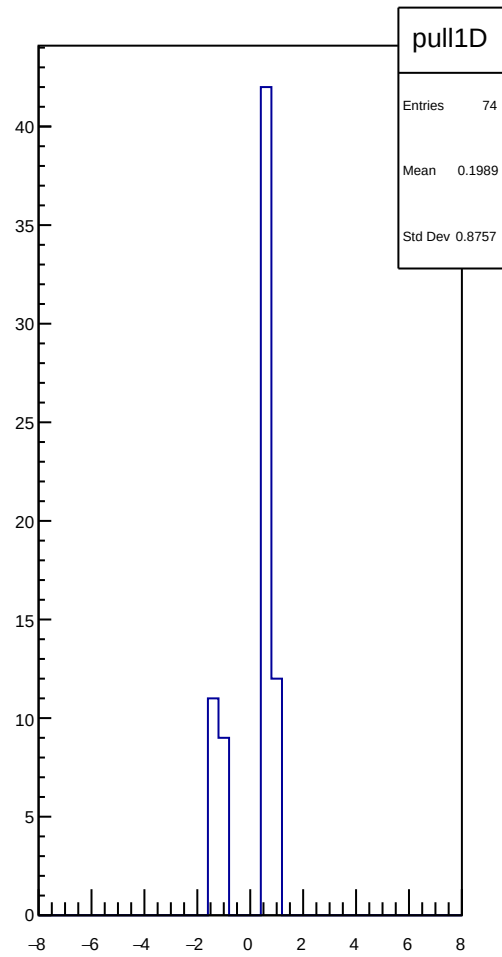
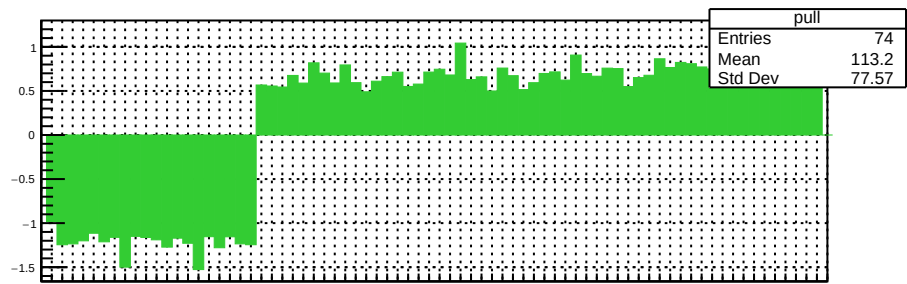
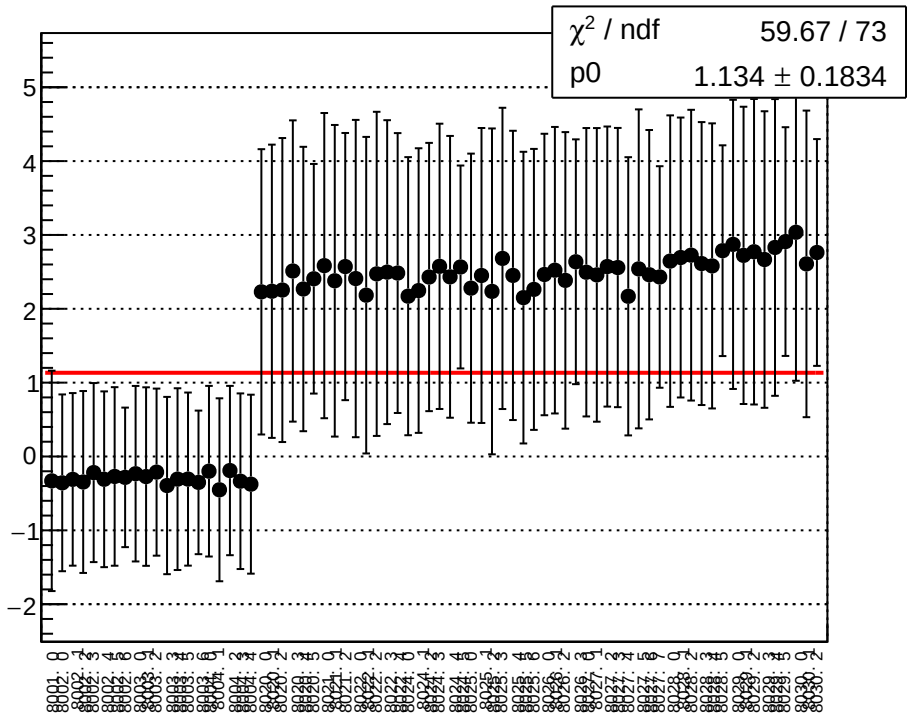
reg\_asym\_sam\_24\_68\_dd\_diff\_bpm4eX\_slope vs run



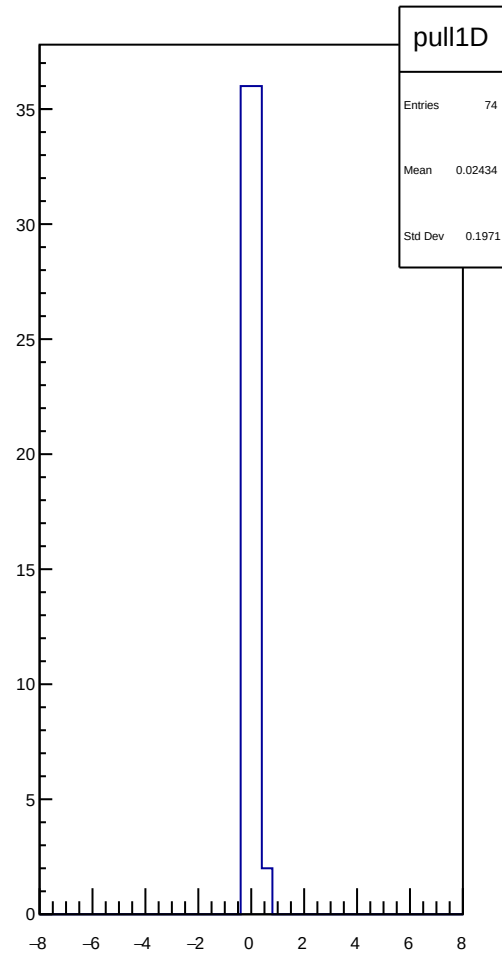
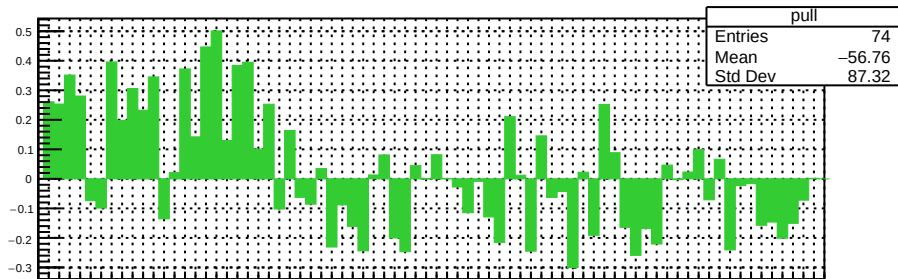
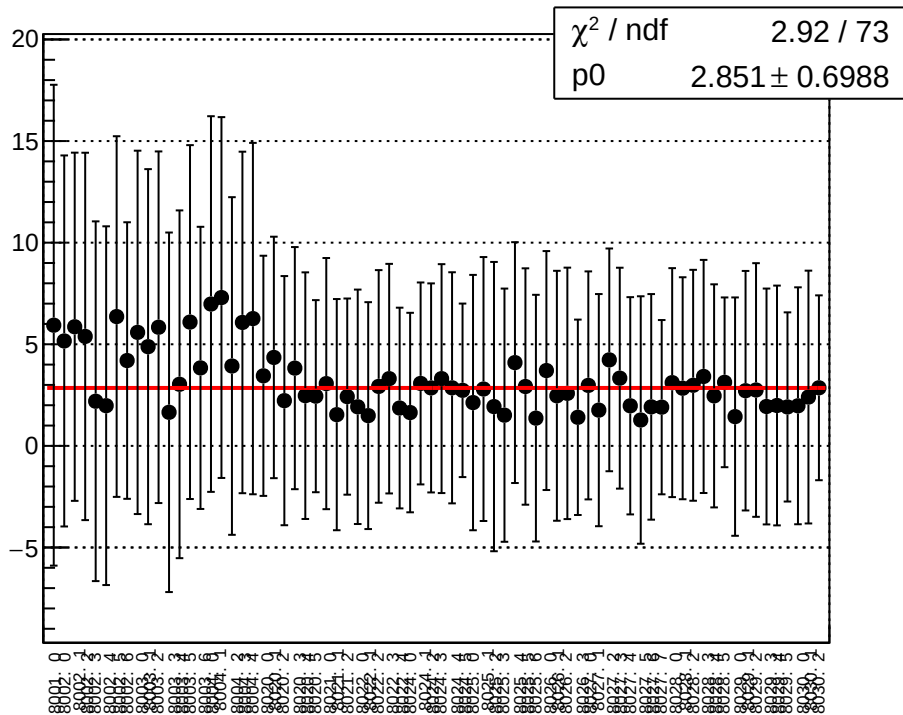
reg\_asym\_sam\_24\_68\_dd\_diff\_bpm4eY\_slope vs run



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

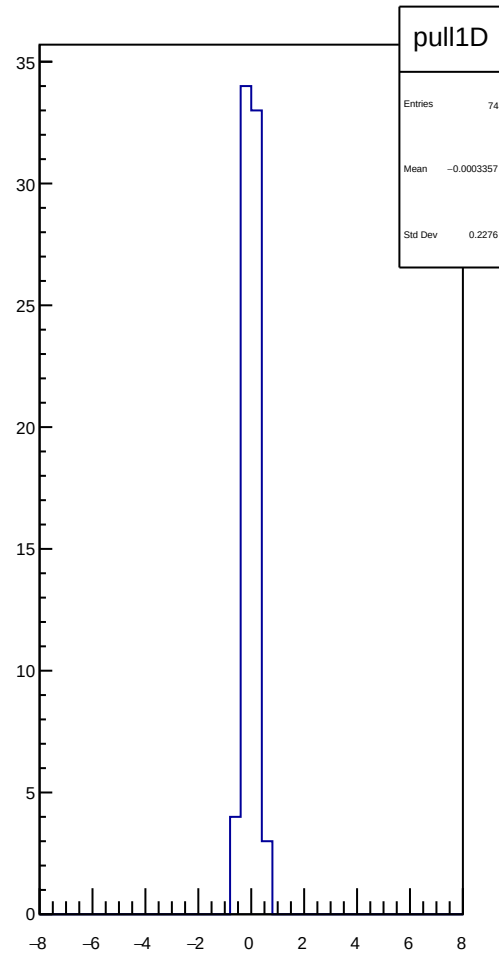
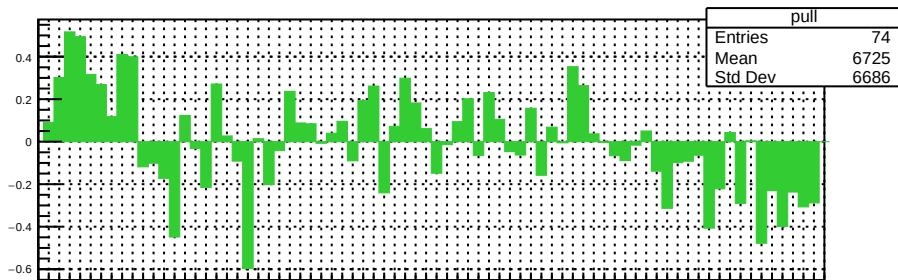
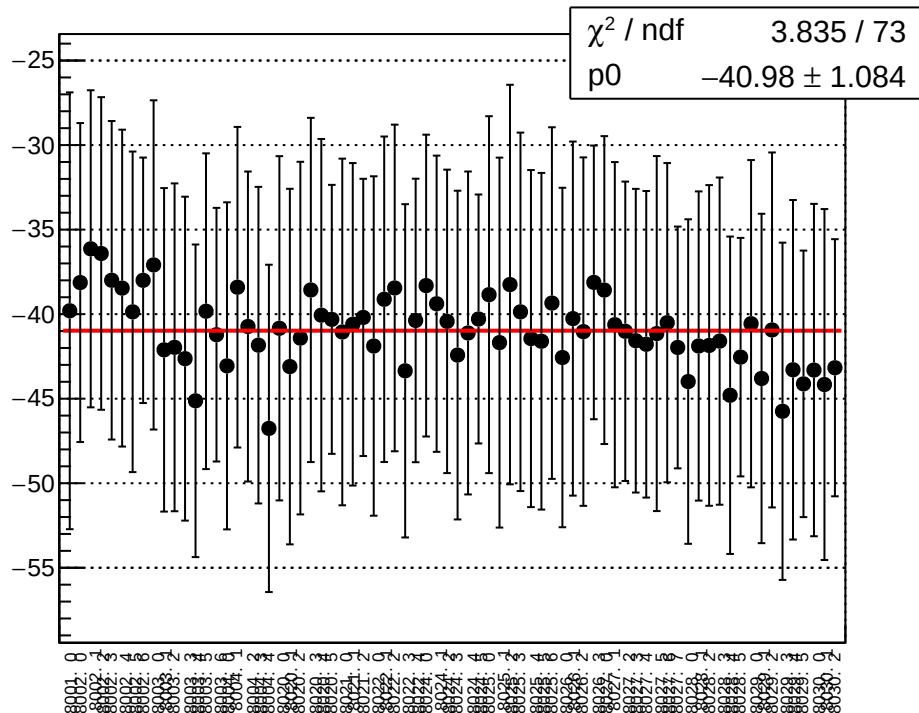


reg\_asym\_sam\_26\_48\_dd\_diff\_bpm1X\_slope vs run

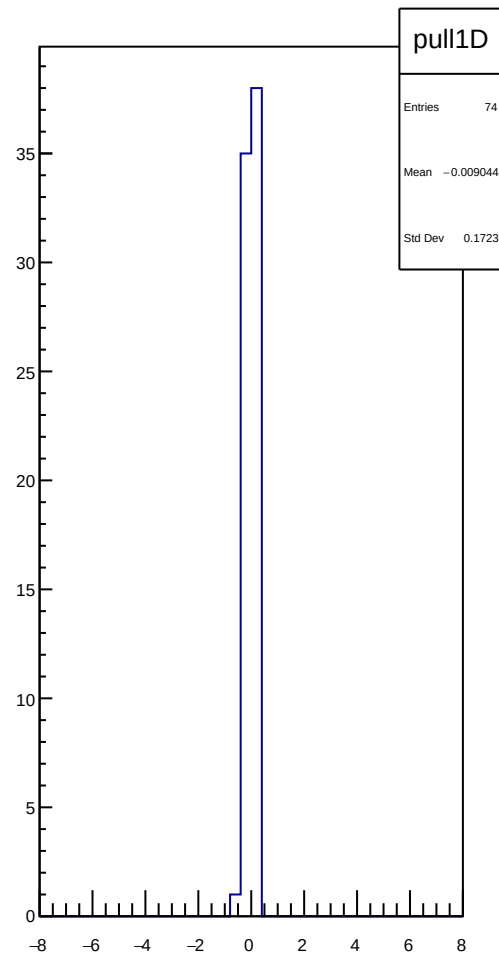
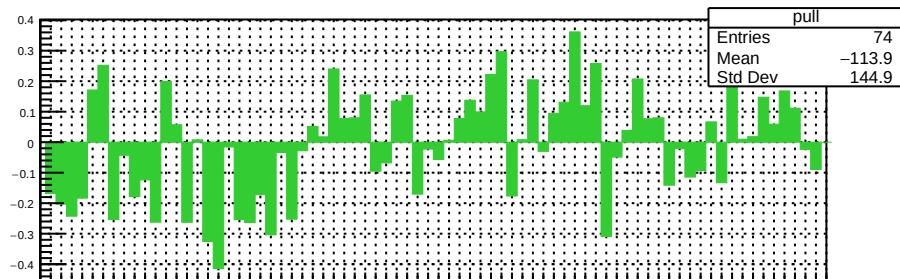
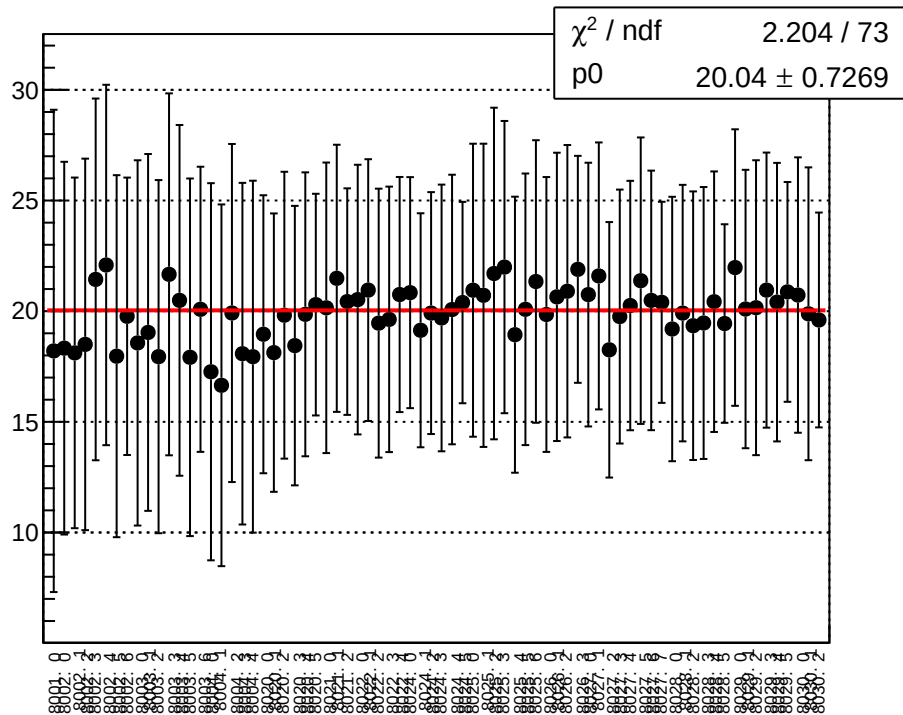




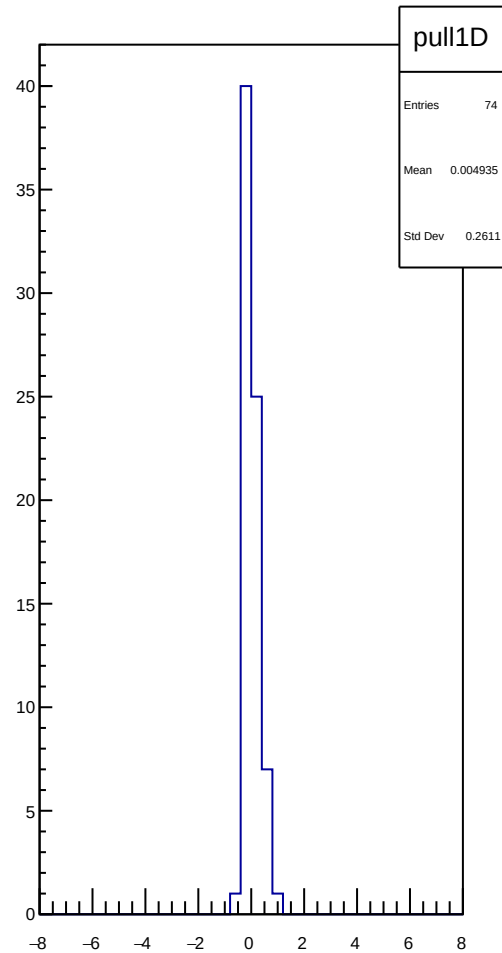
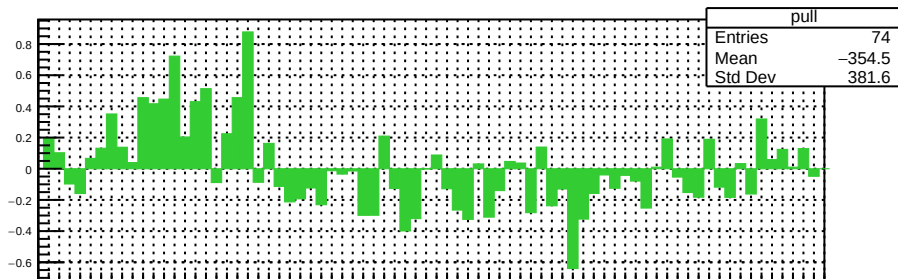
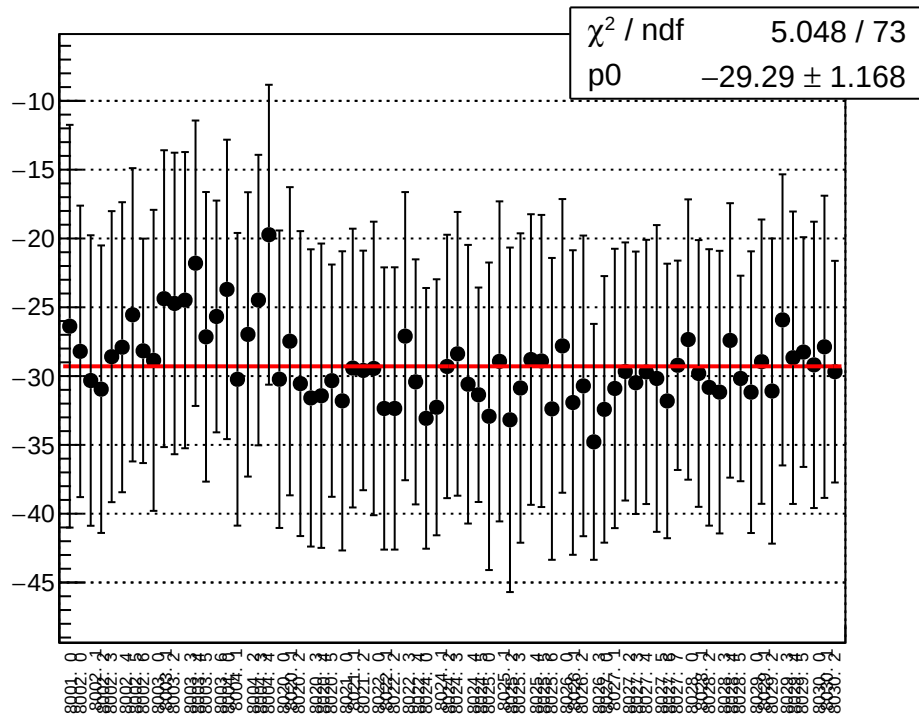
reg\_asym\_sam\_26\_48\_dd\_diff\_bpm4aY\_slope vs run



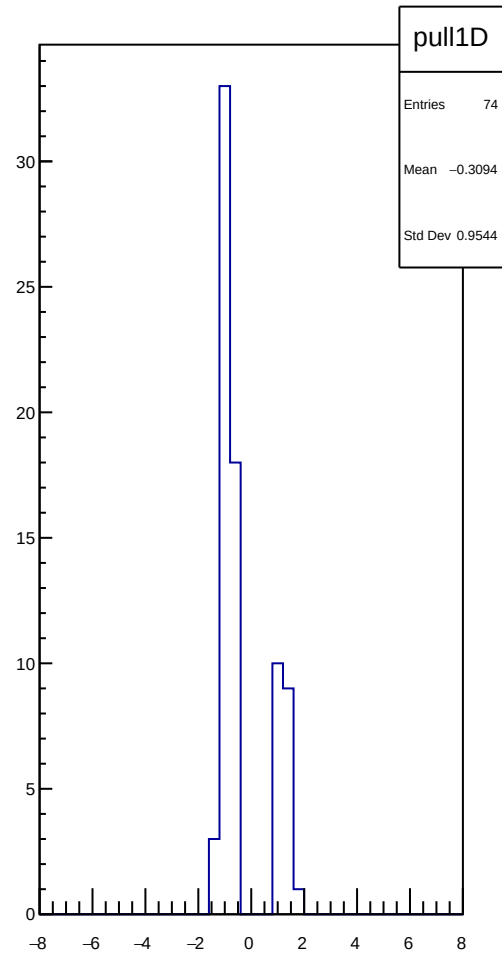
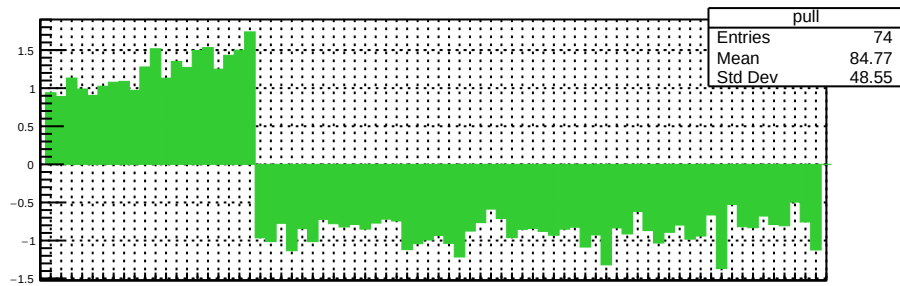
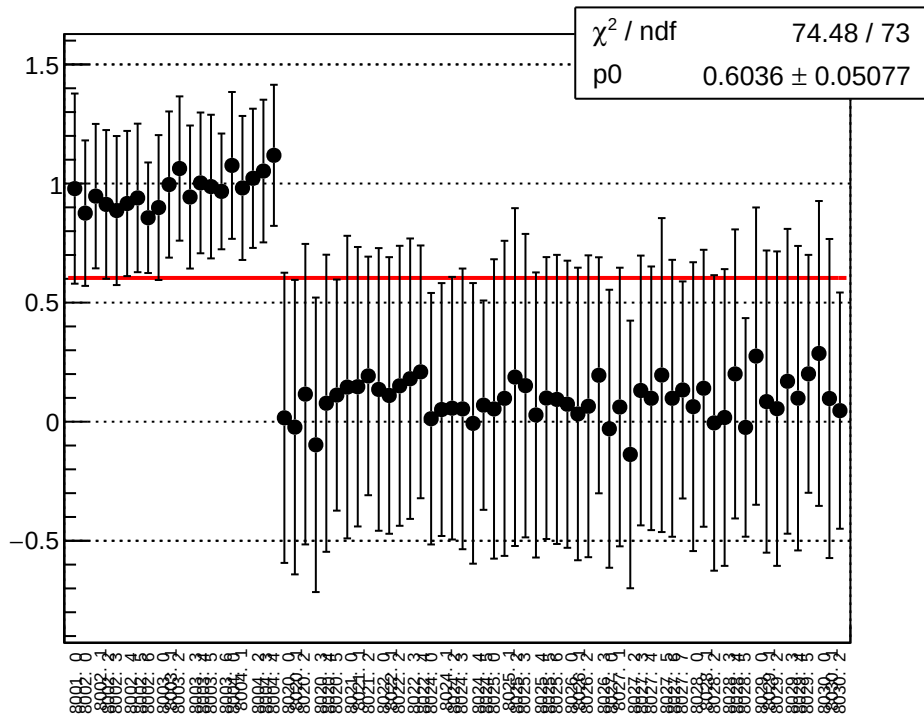
reg\_asym\_sam\_26\_48\_dd\_diff\_bpm4eX\_slope vs run



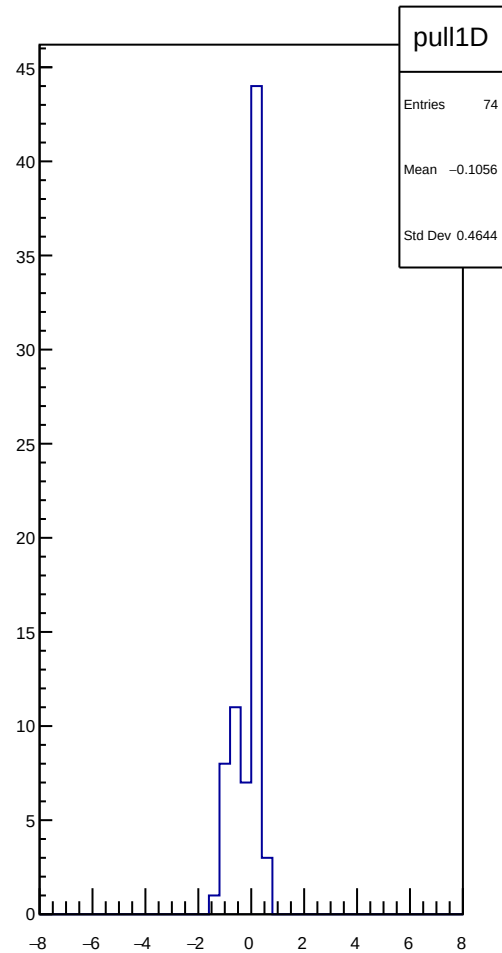
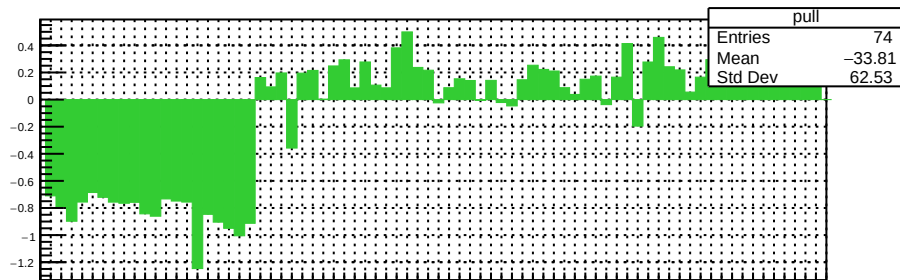
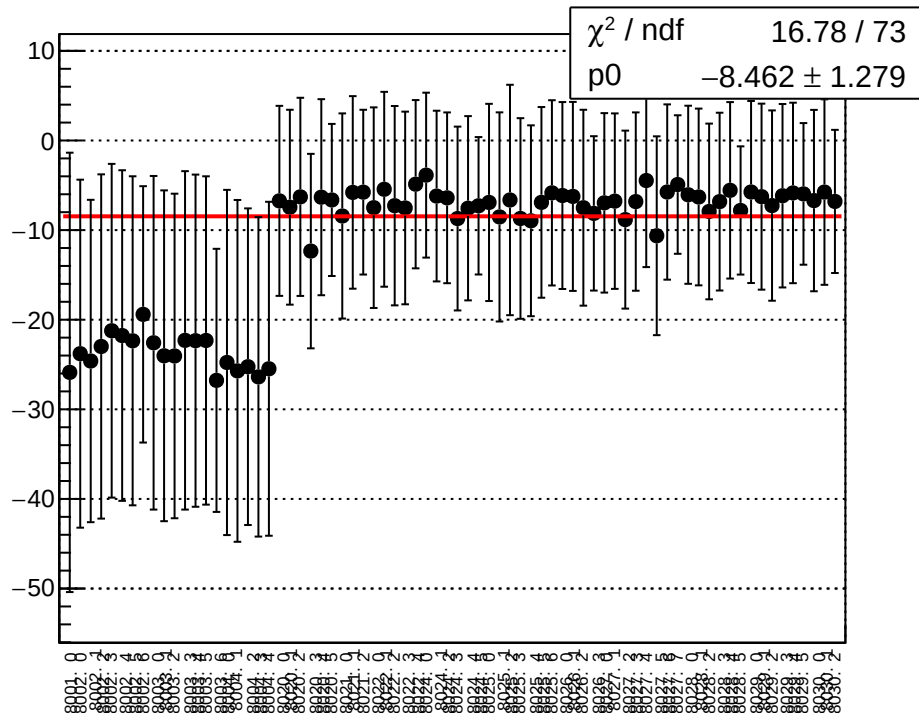
reg\_asym\_sam\_26\_48\_dd\_diff\_bpm4eY\_slope vs run



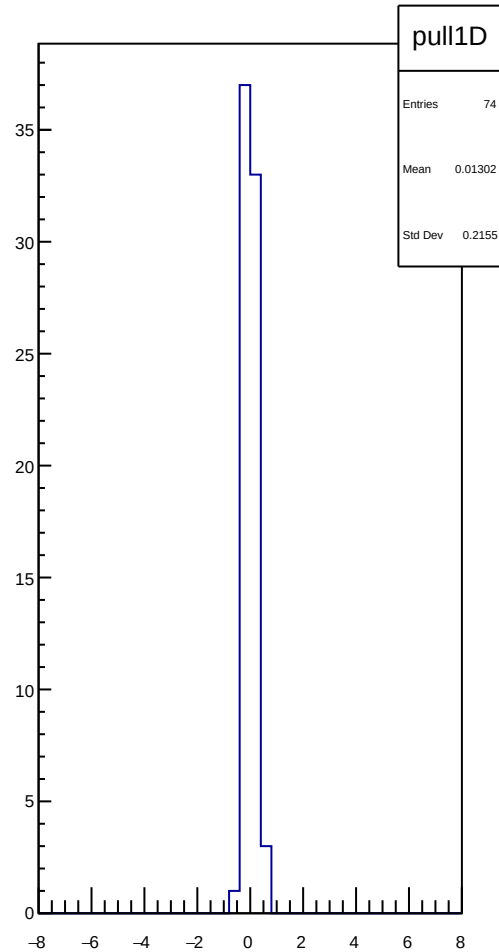
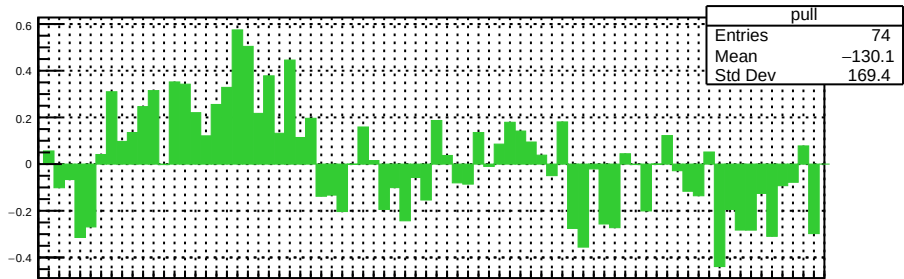
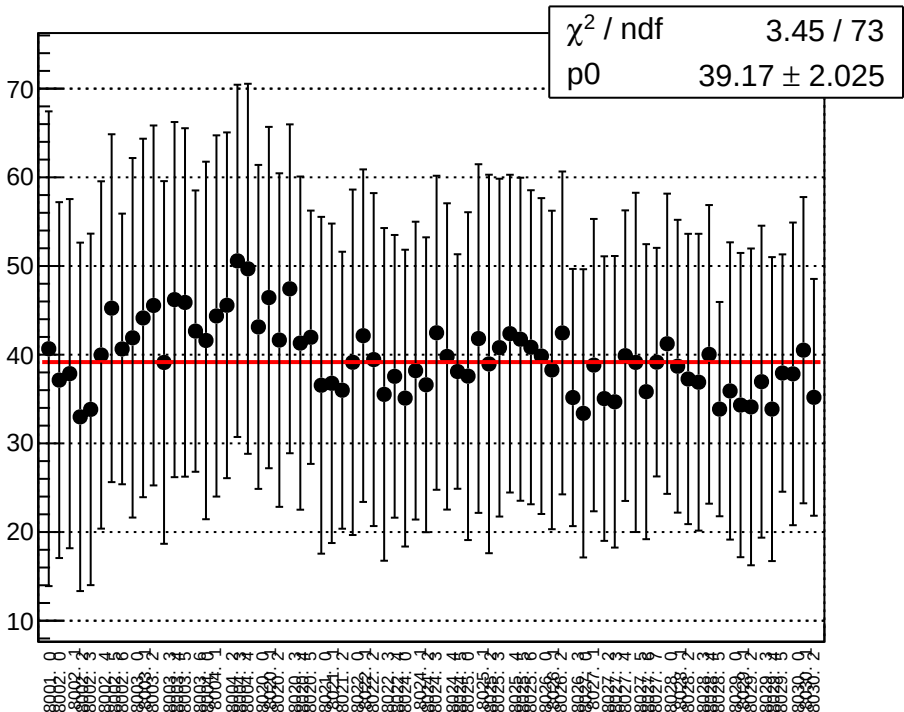
reg\_asym\_sam\_26\_48\_dd\_diff\_bpm12X\_slope vs run



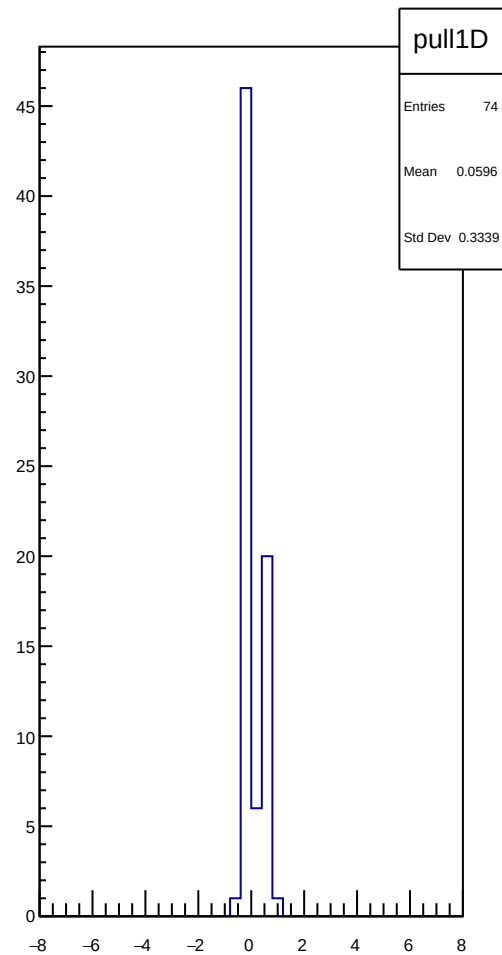
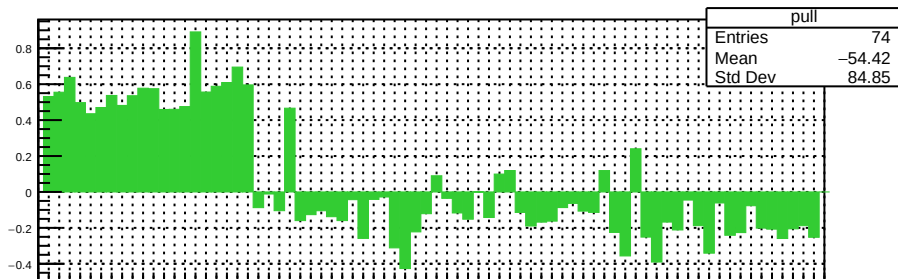
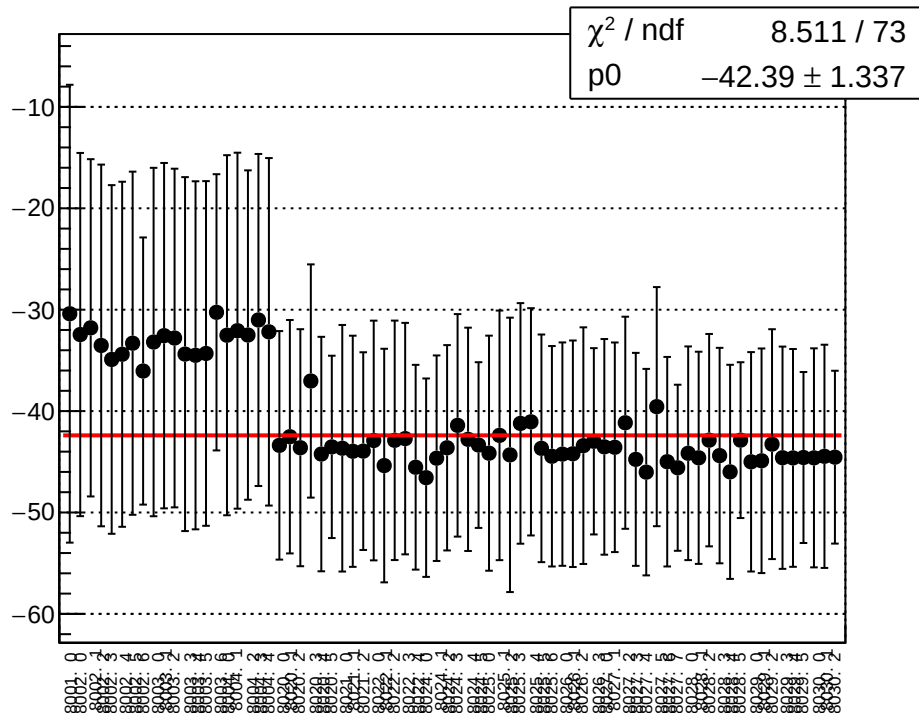
reg\_asym\_sam\_1548\_avg\_diff\_bpm1X\_slope vs run



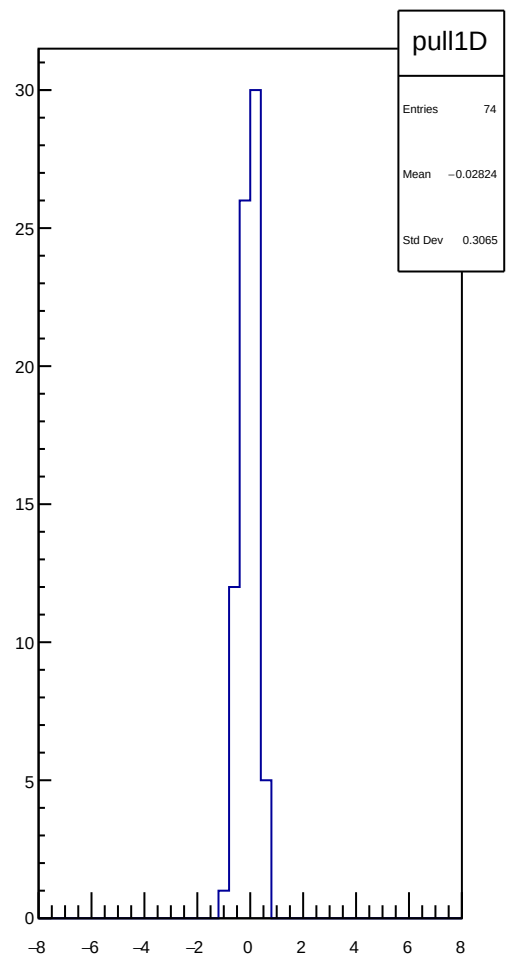
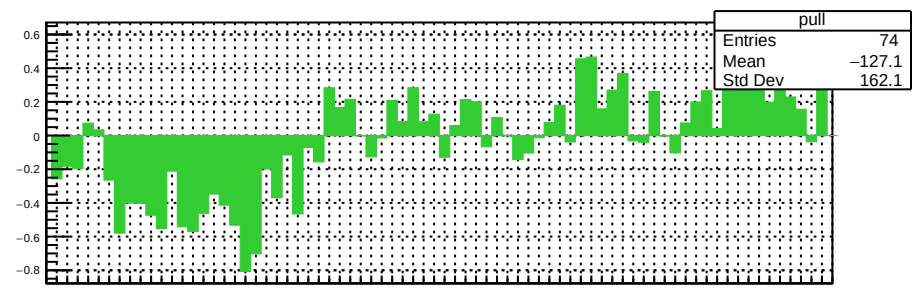
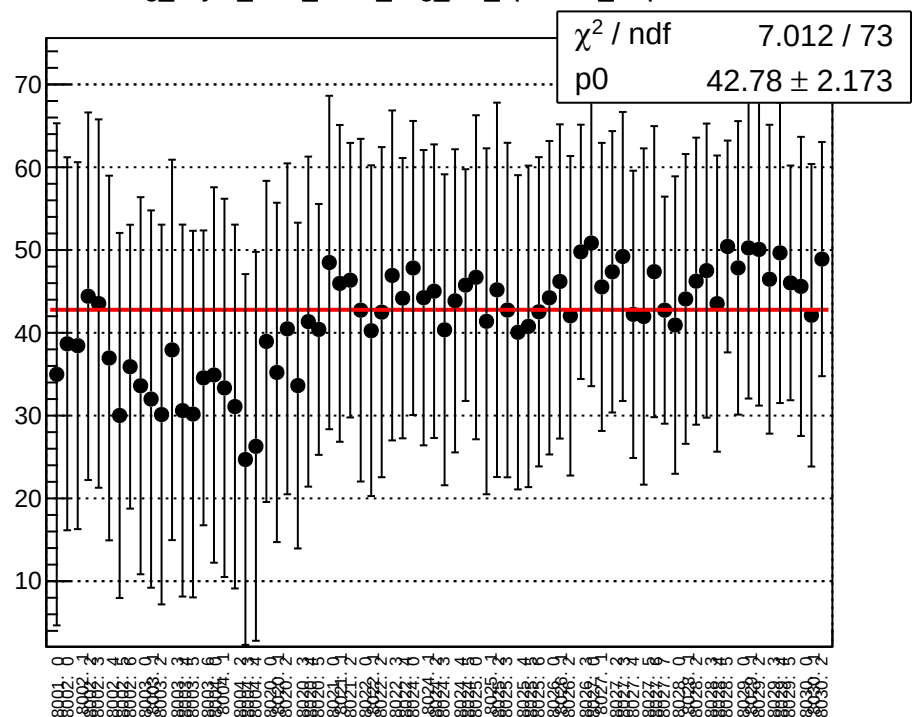
reg\_asym\_sam\_1548\_avg\_diff\_bpm4aY\_slope vs run



reg\_asym\_sam\_1548\_avg\_diff\_bpm4eX\_slope vs run

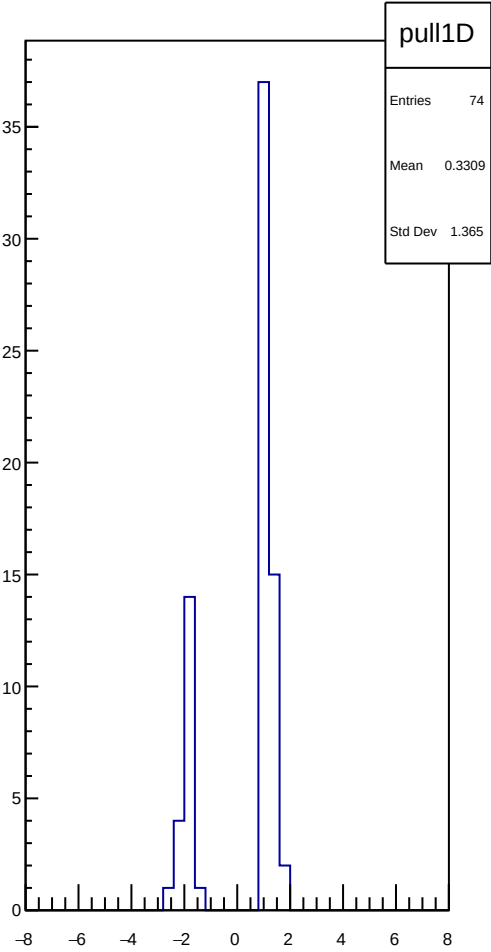
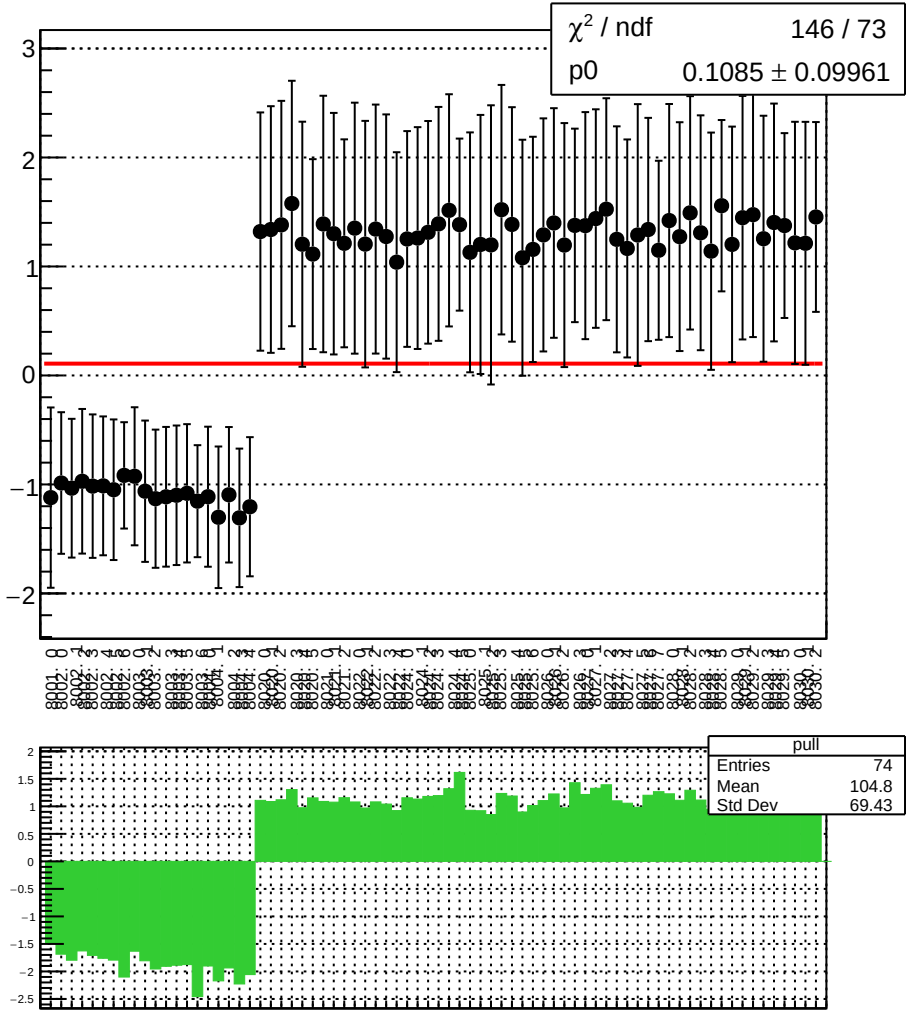


reg\_asym\_sam\_1548\_avg\_diff\_bpm4eY\_slope vs run

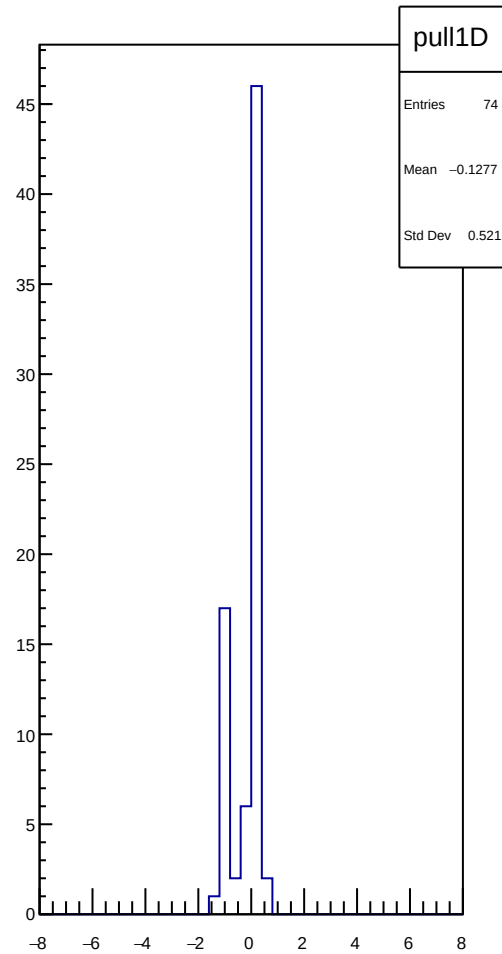
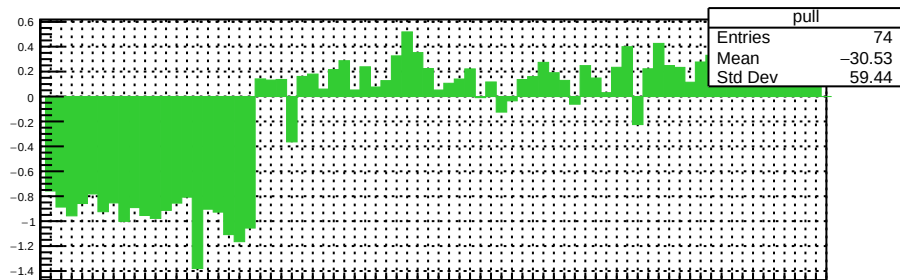
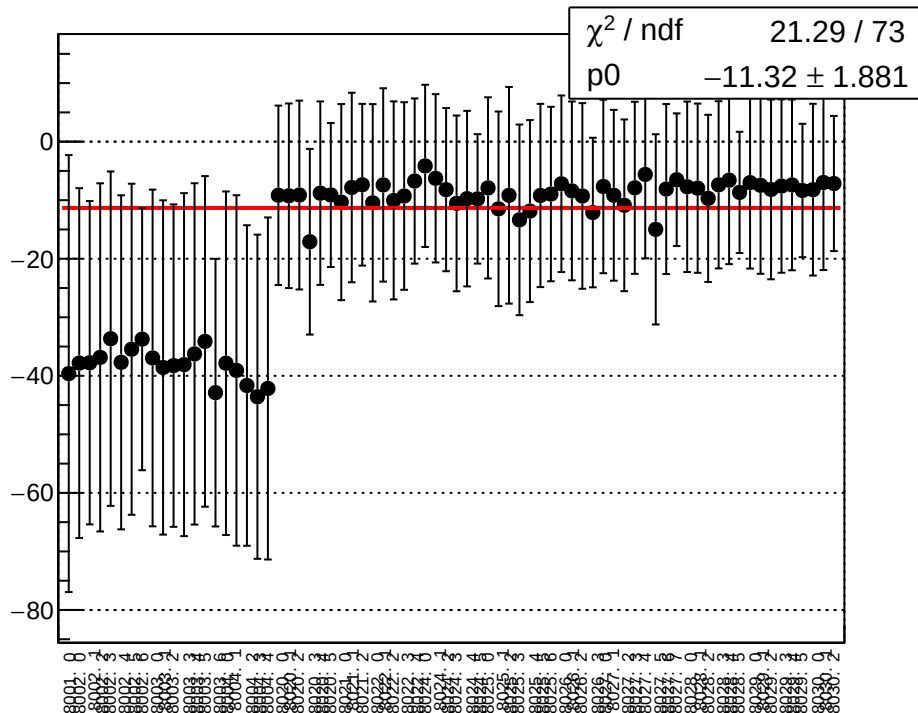




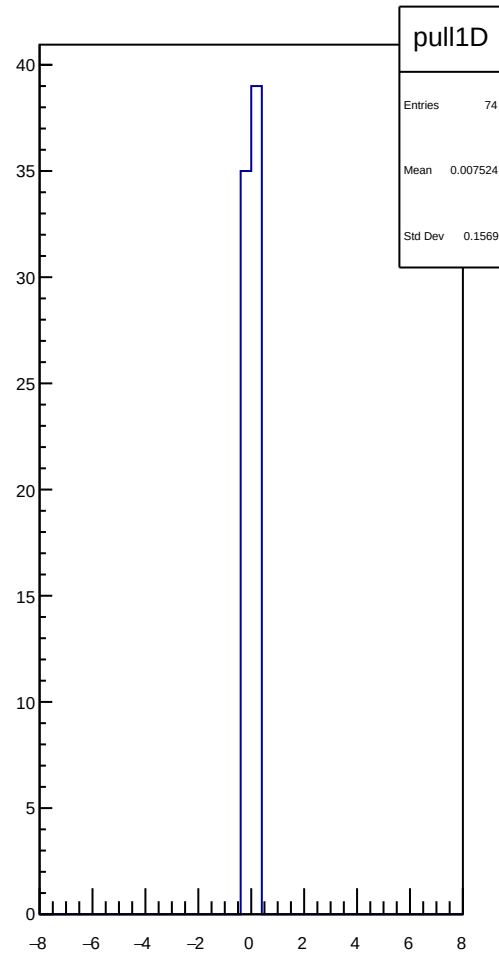
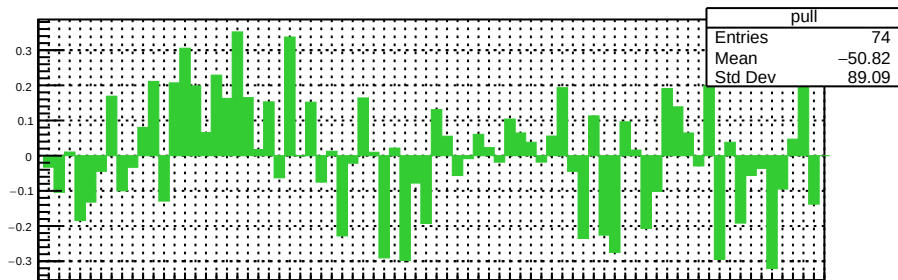
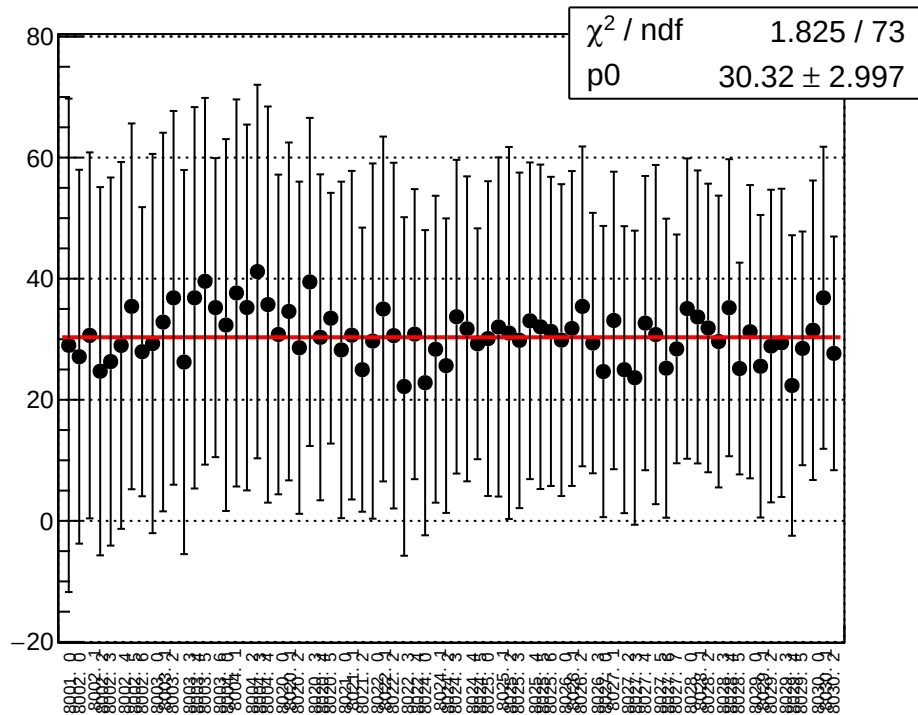
reg\_asym\_sam\_1548\_avg\_diff\_bpm12X\_slope vs run



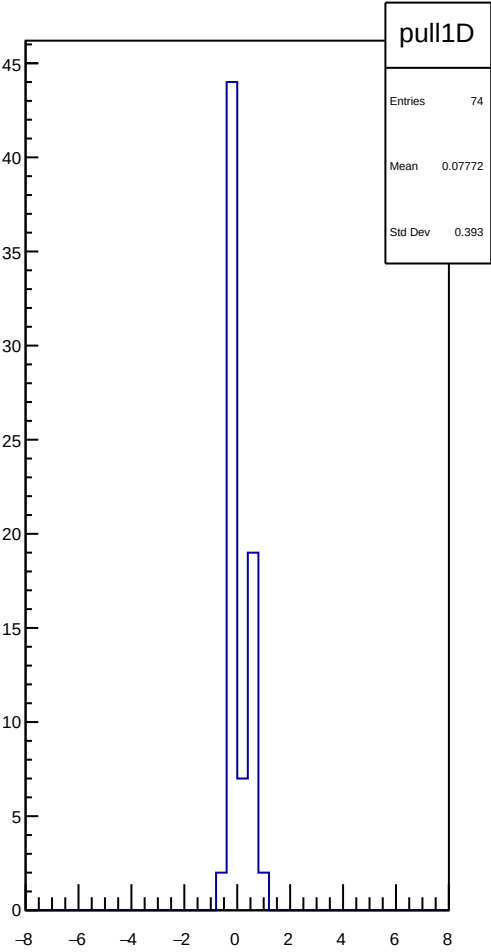
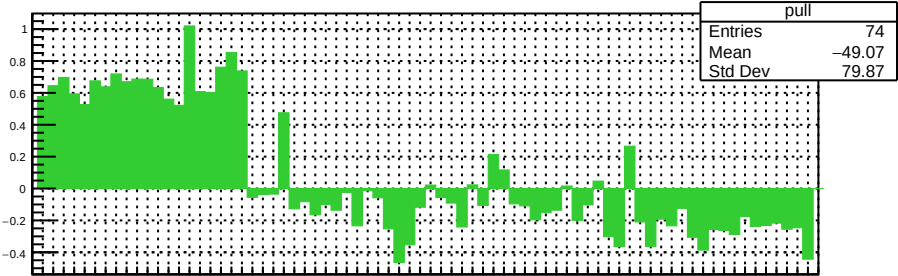
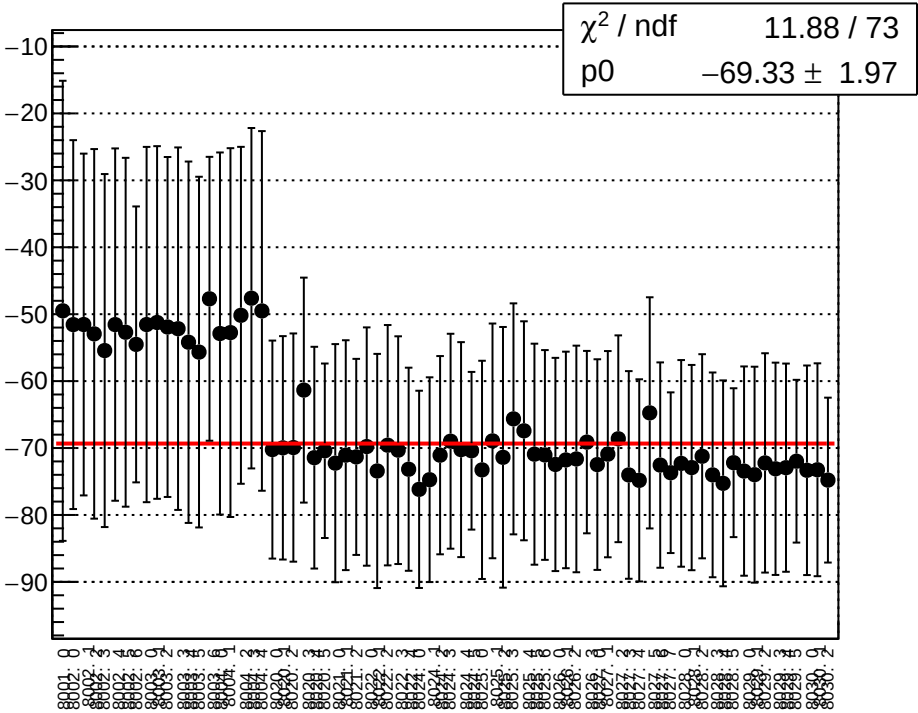
reg\_asym\_sam\_3748\_avg\_diff\_bpm1X\_slope vs run



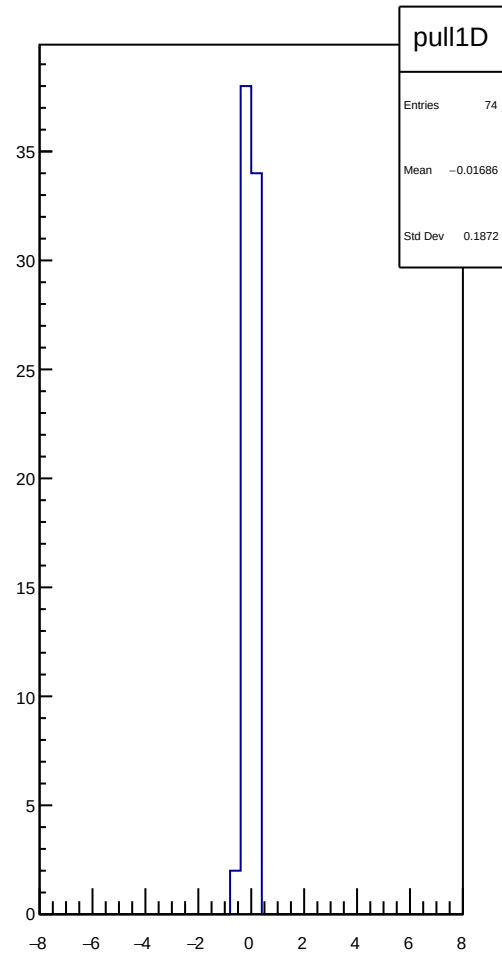
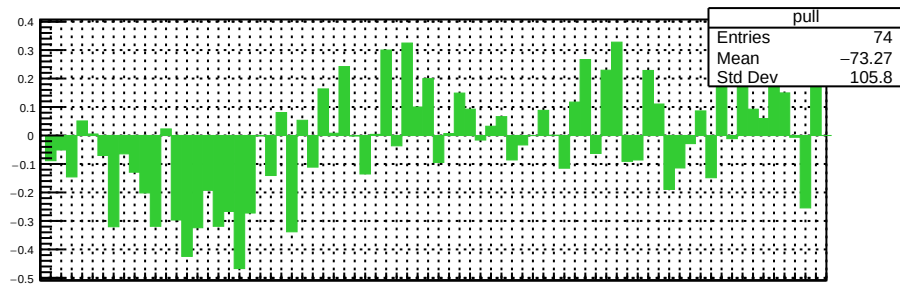
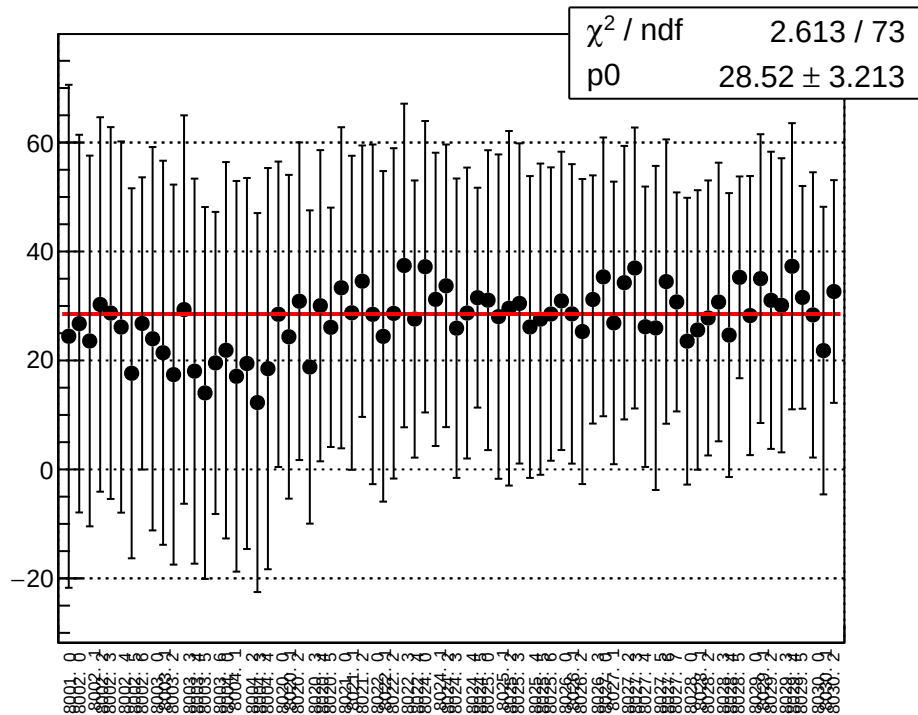
reg\_asym\_sam\_3748\_avg\_diff\_bpm4aY\_slope vs run



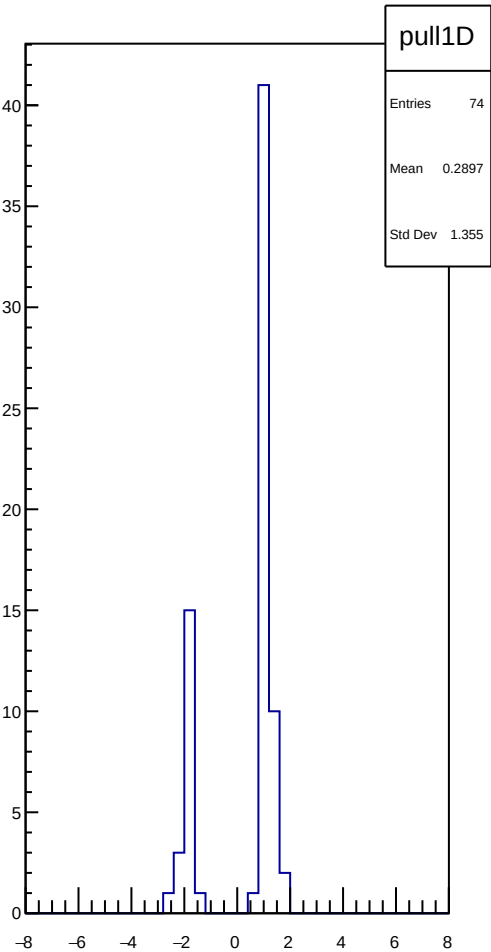
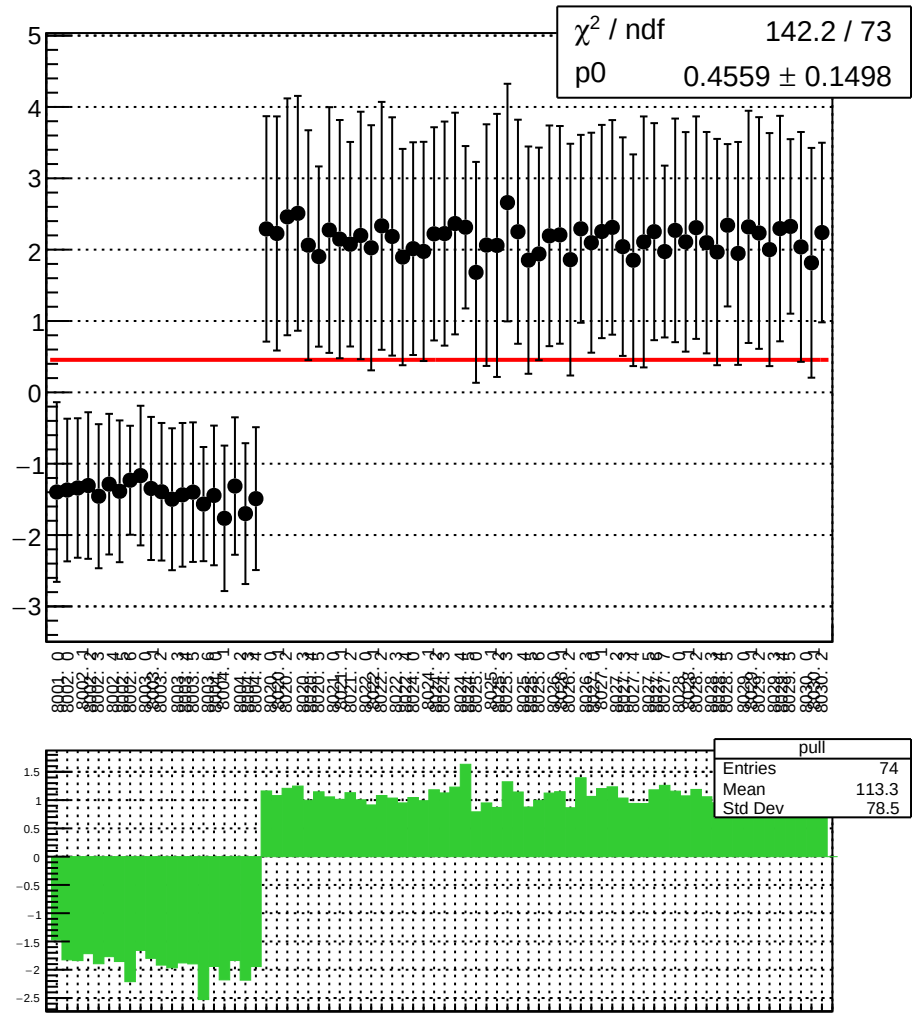
reg\_asym\_sam\_3748\_avg\_diff\_bpm4eX\_slope vs run



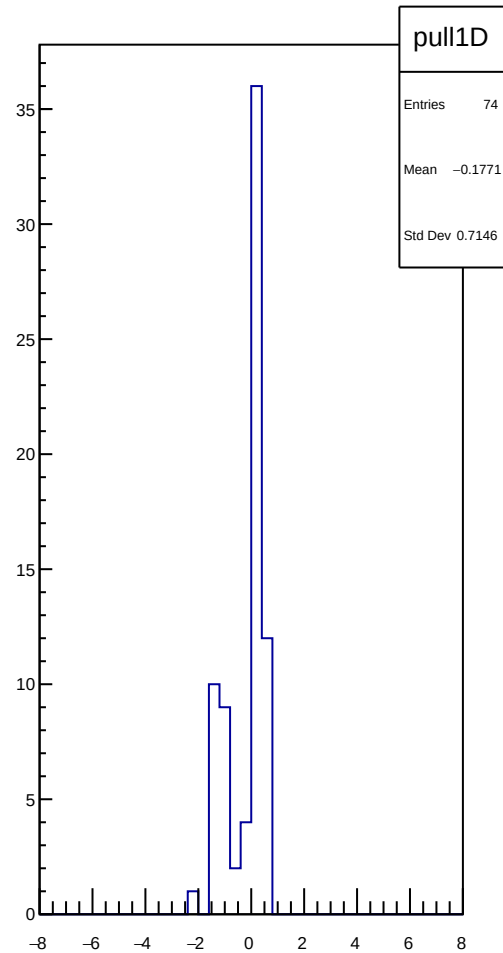
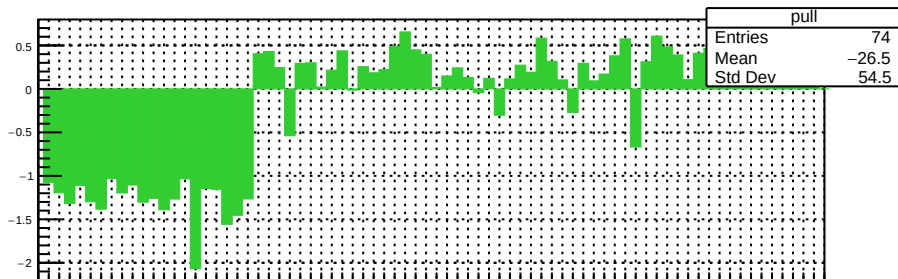
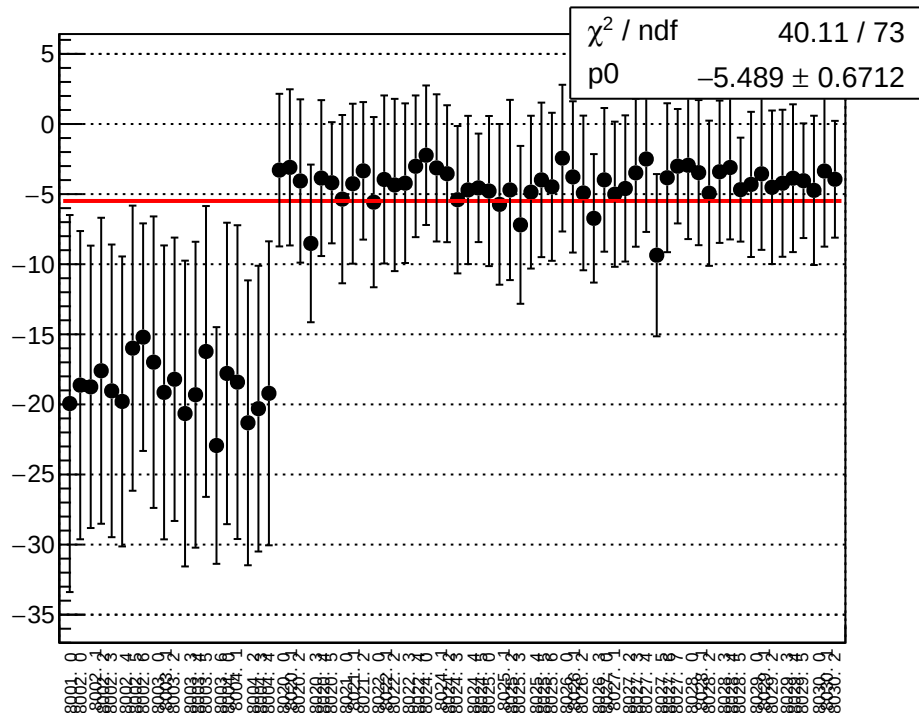
reg\_asym\_sam\_3748\_avg\_diff\_bpm4eY\_slope vs run



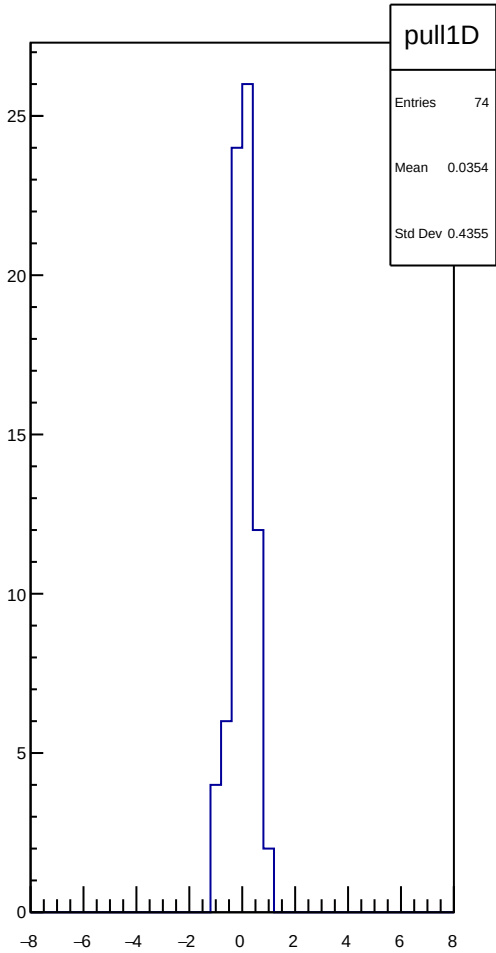
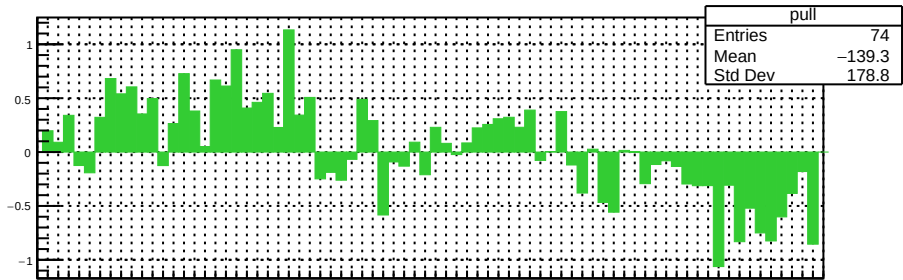
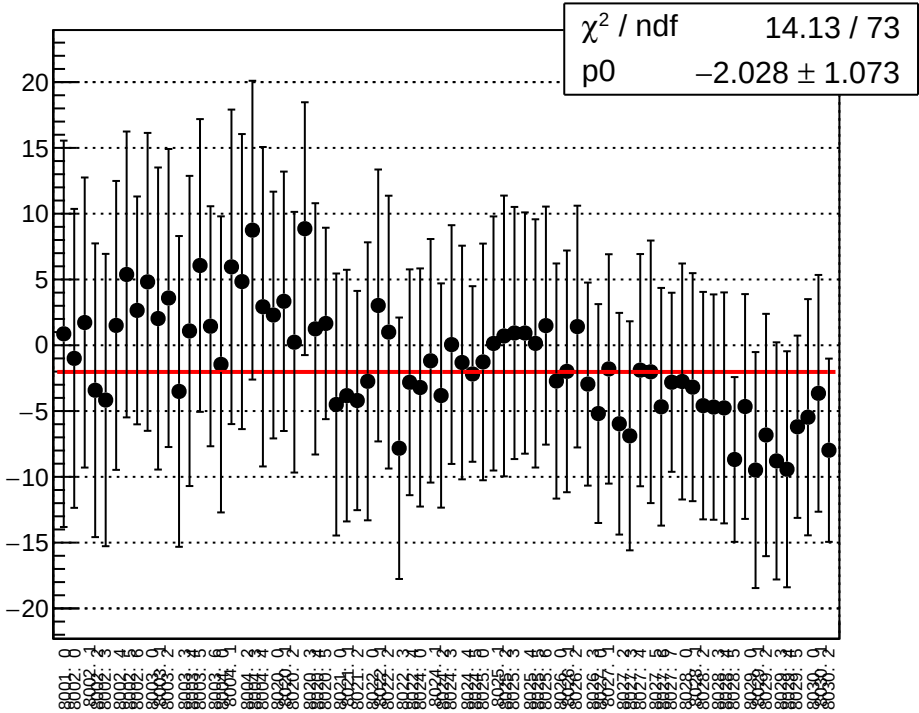
reg\_asym\_sam\_3748\_avg\_diff\_bpm12X\_slope vs run



reg\_asym\_sam\_1526\_avg\_diff\_bpm1X\_slope vs run

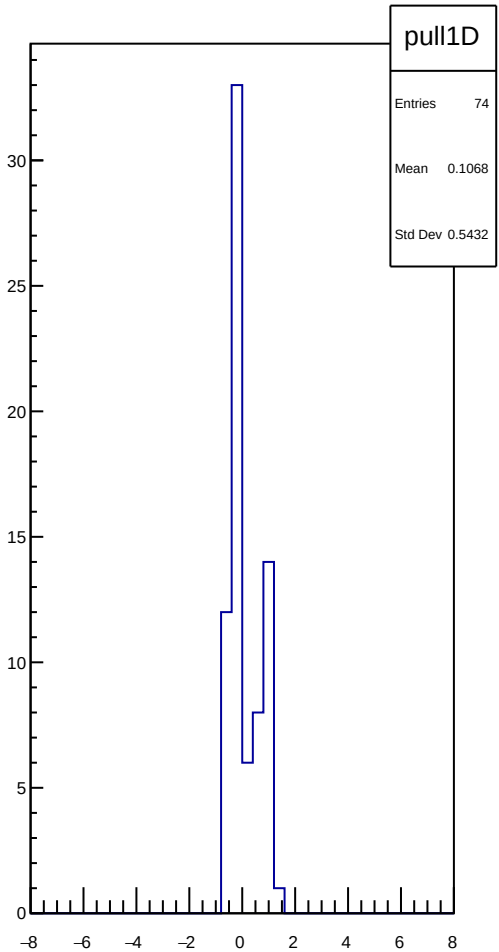
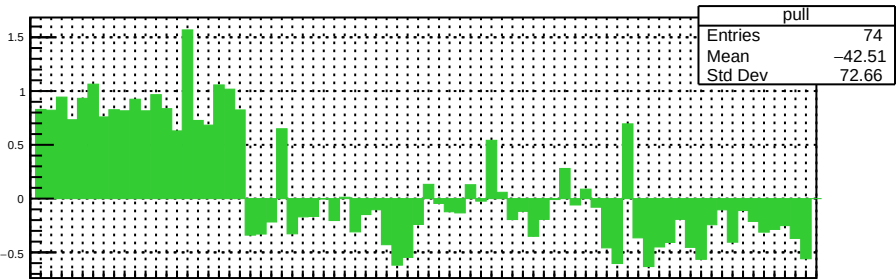
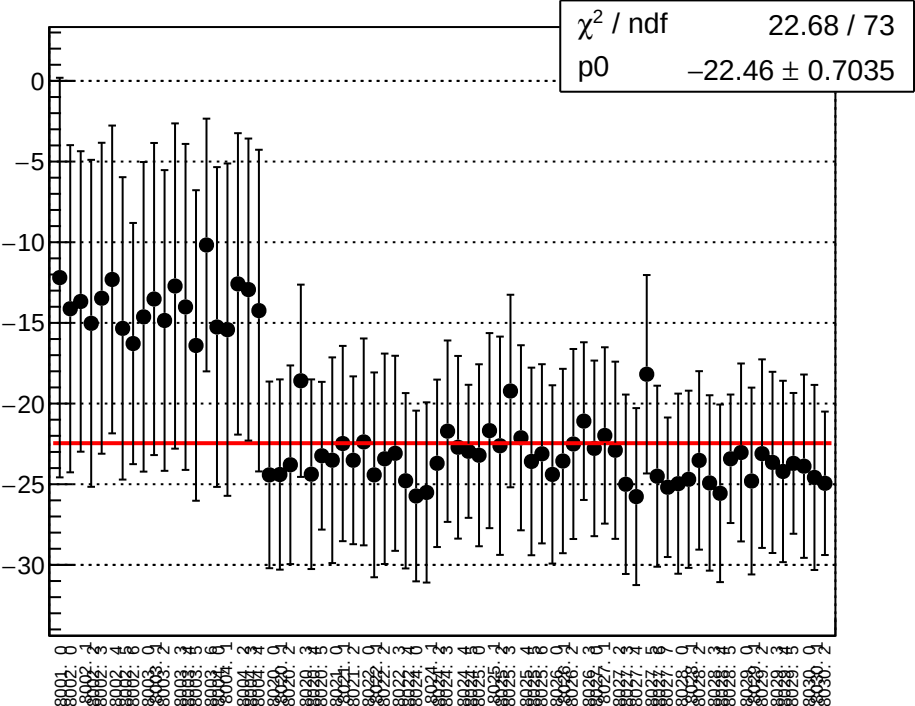


reg\_asym\_sam\_1526\_avg\_diff\_bpm4aY\_slope vs run

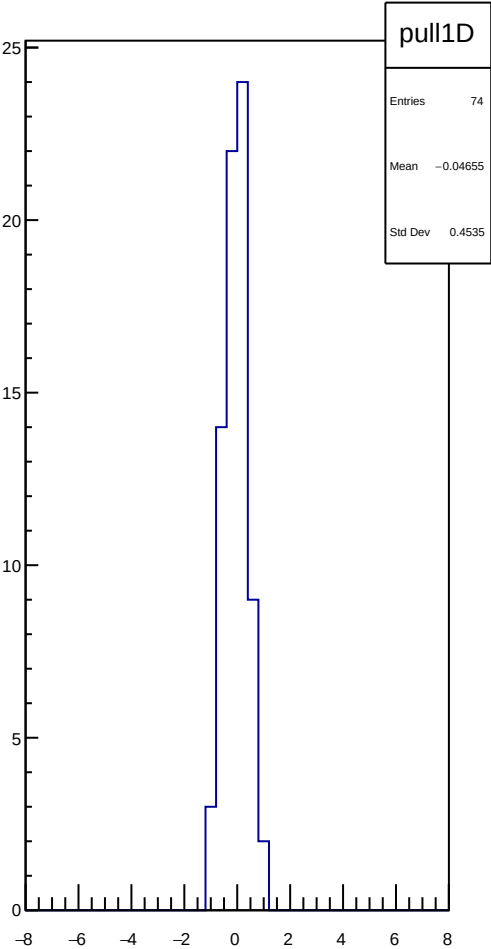
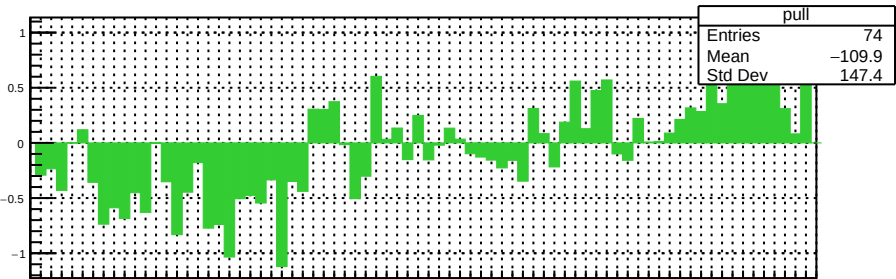
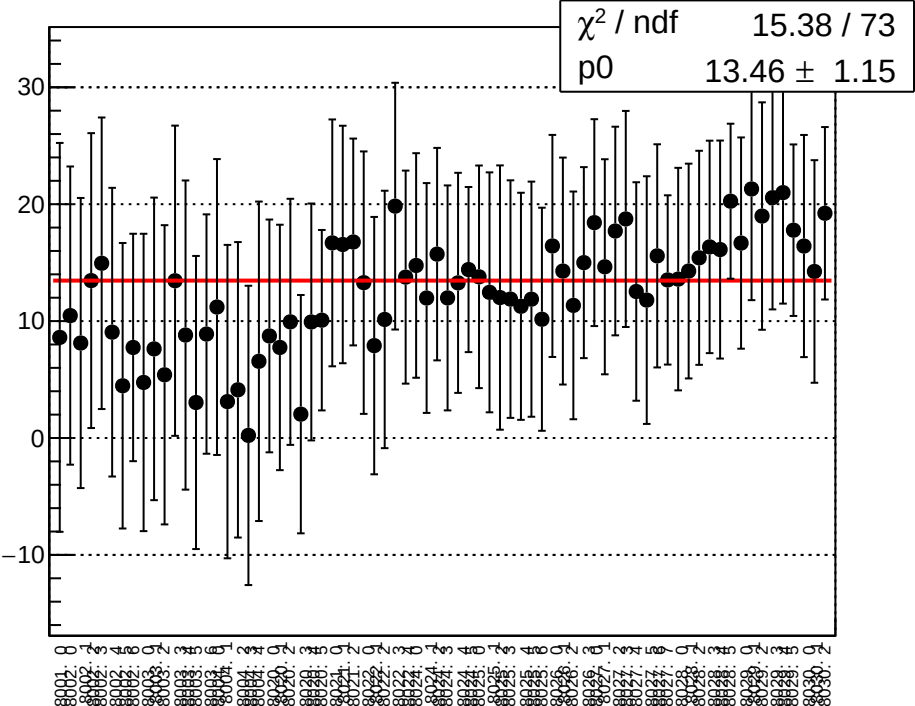




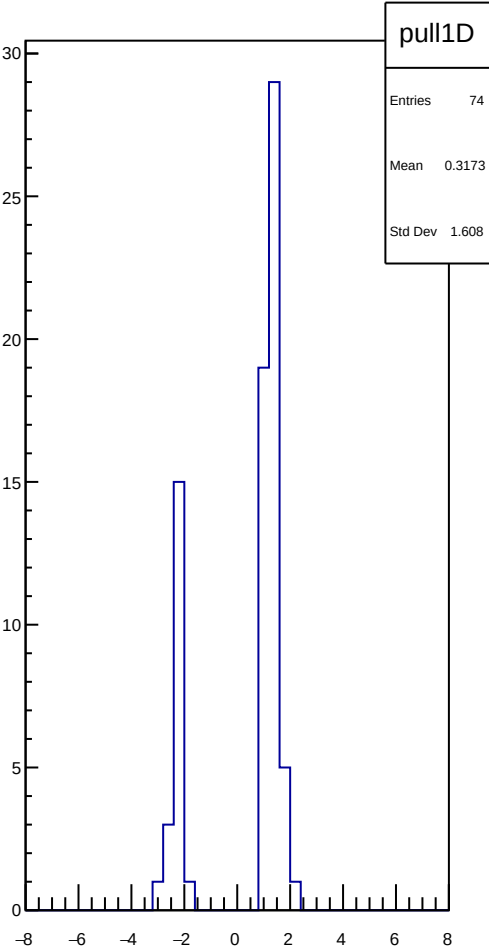
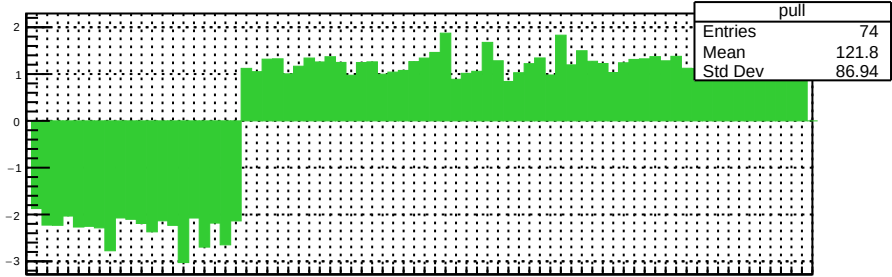
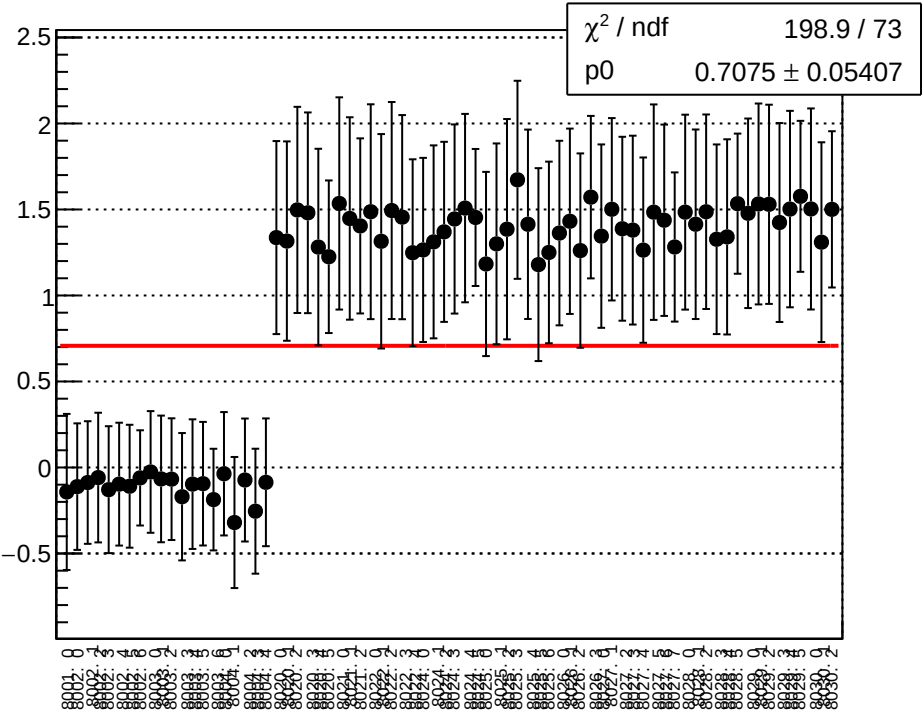
reg\_asym\_sam\_1526\_avg\_diff\_bpm4eX\_slope vs run



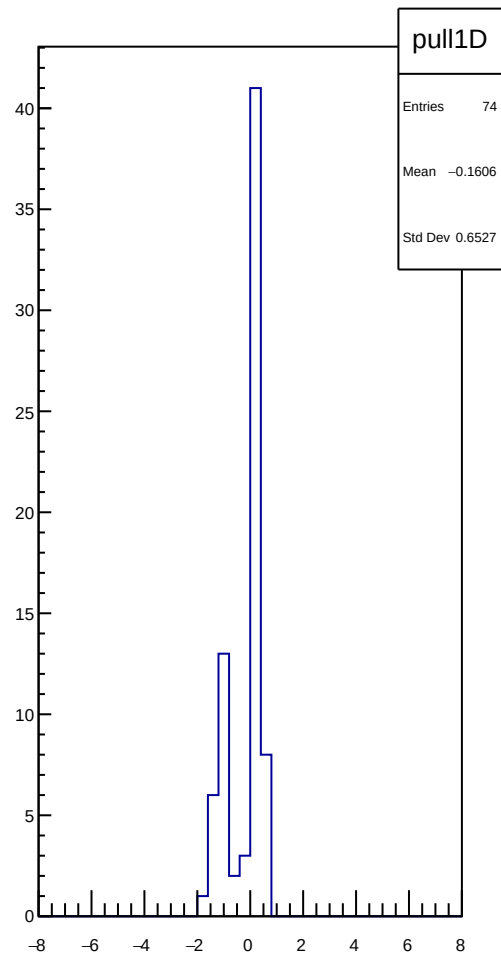
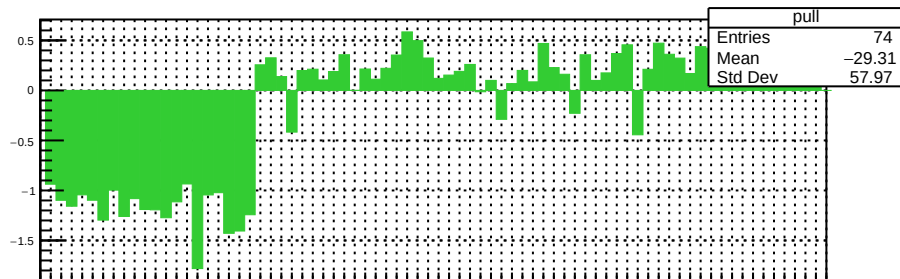
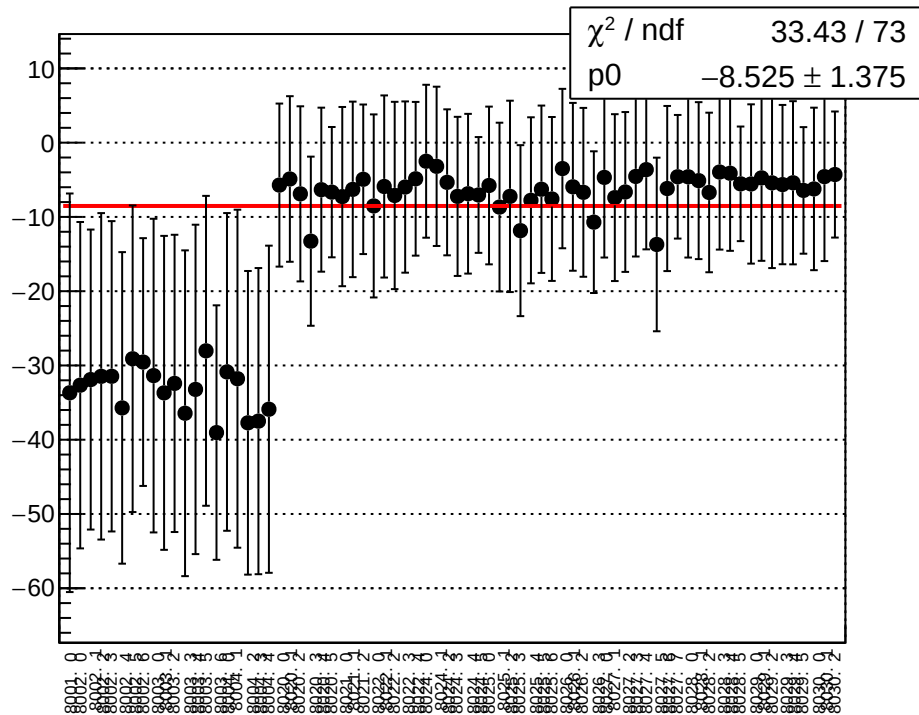
reg\_asym\_sam\_1526\_avg\_diff\_bpm4eY\_slope vs run



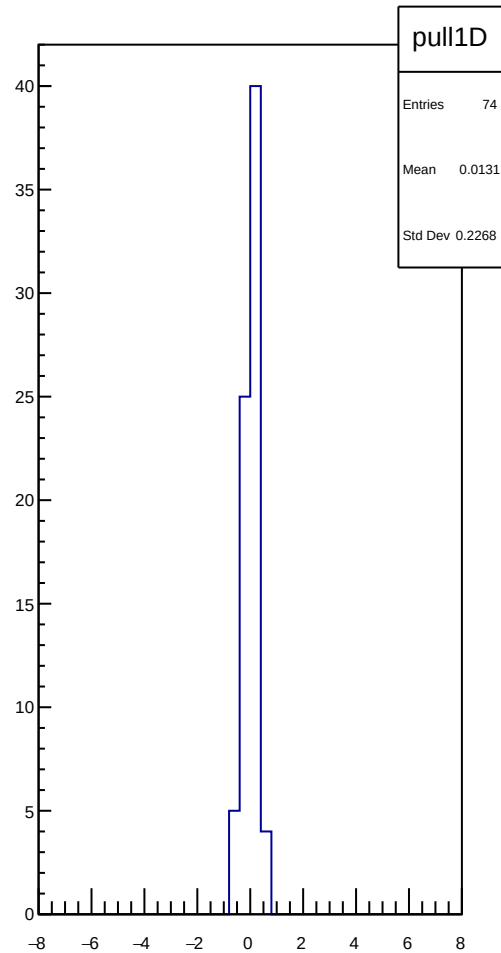
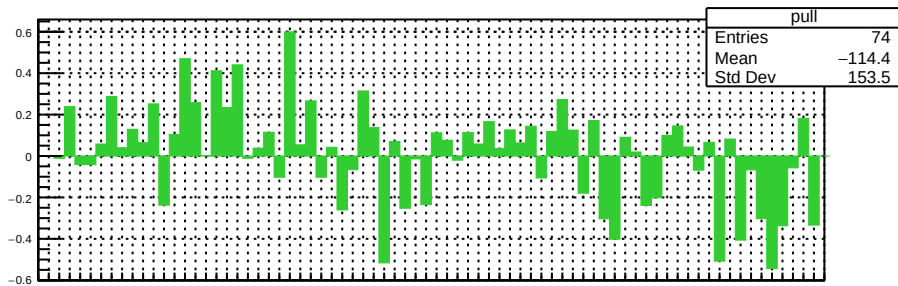
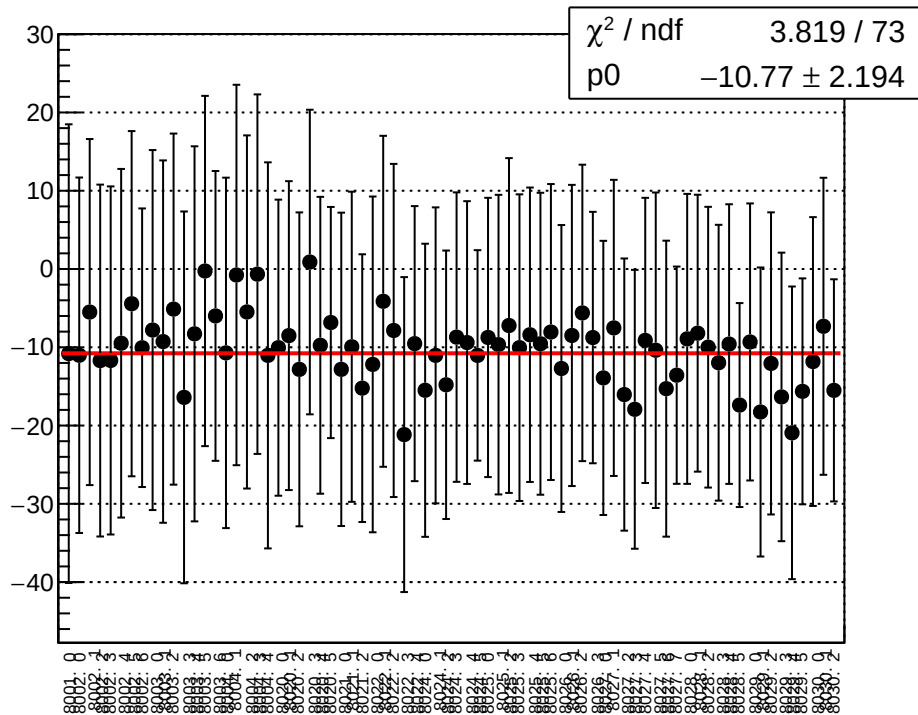
reg\_asym\_sam\_1526\_avg\_diff\_bpm12X\_slope vs run



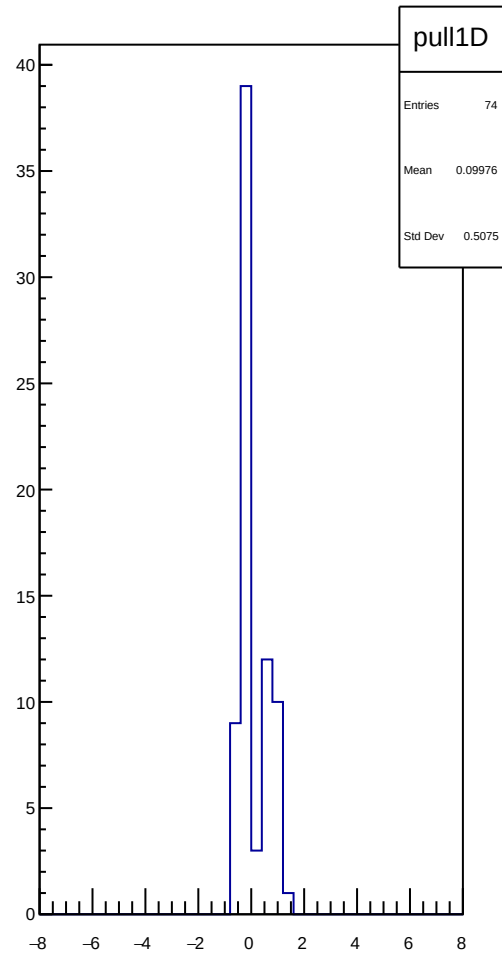
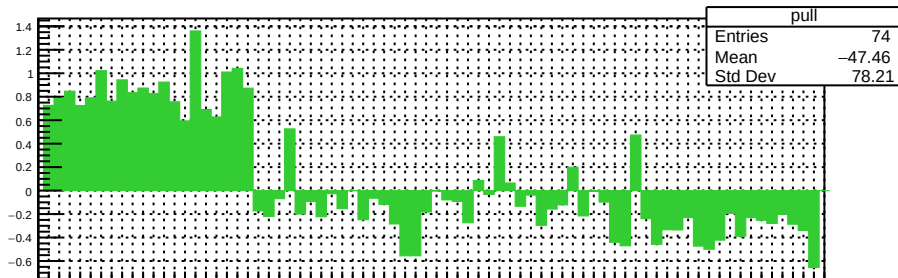
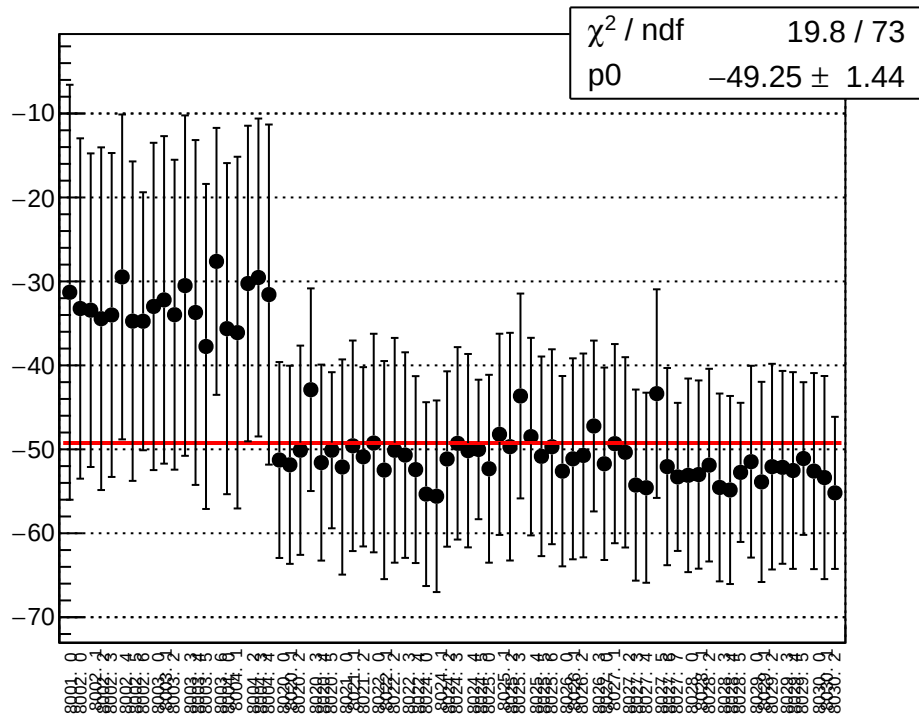
reg\_asym\_sam\_3726\_avg\_diff\_bpm1X\_slope vs run



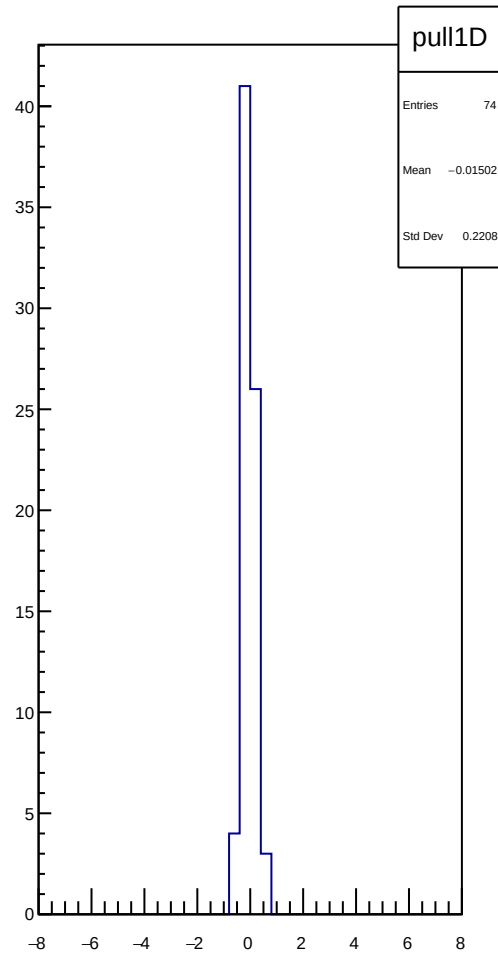
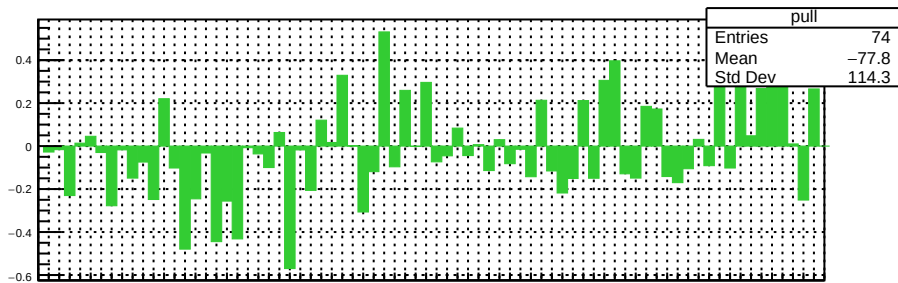
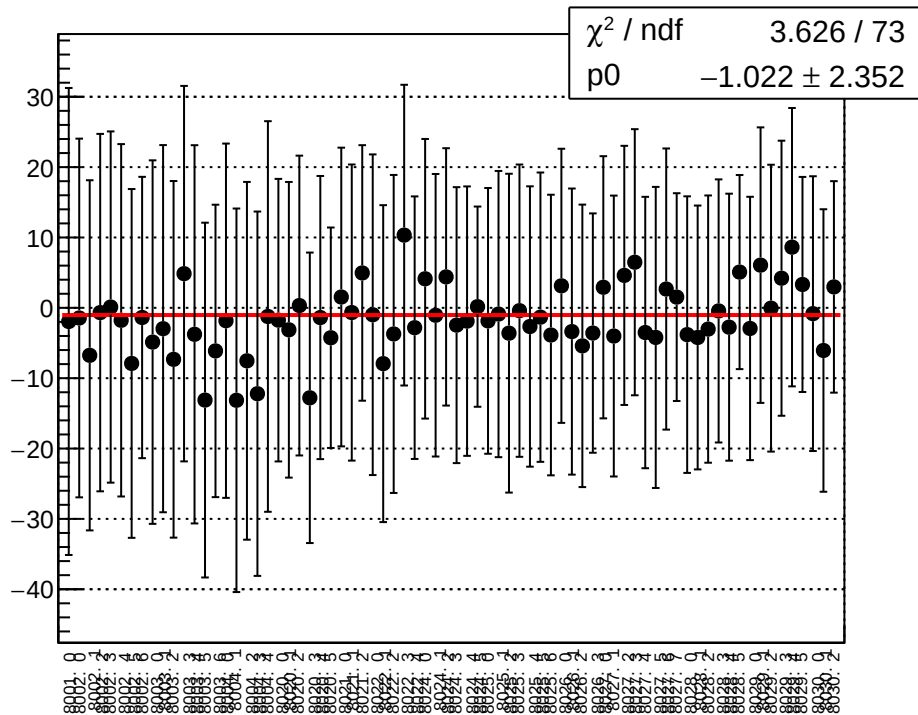
reg\_asym\_sam\_3726\_avg\_diff\_bpm4aY\_slope vs run



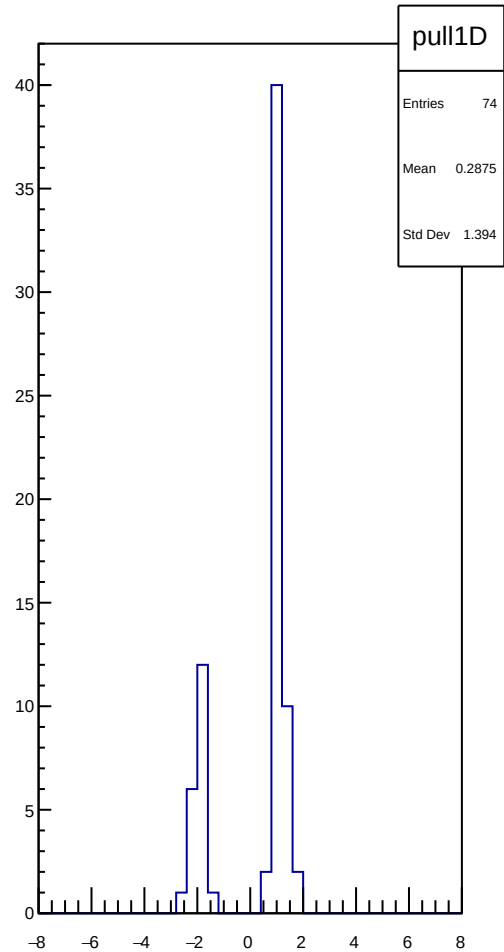
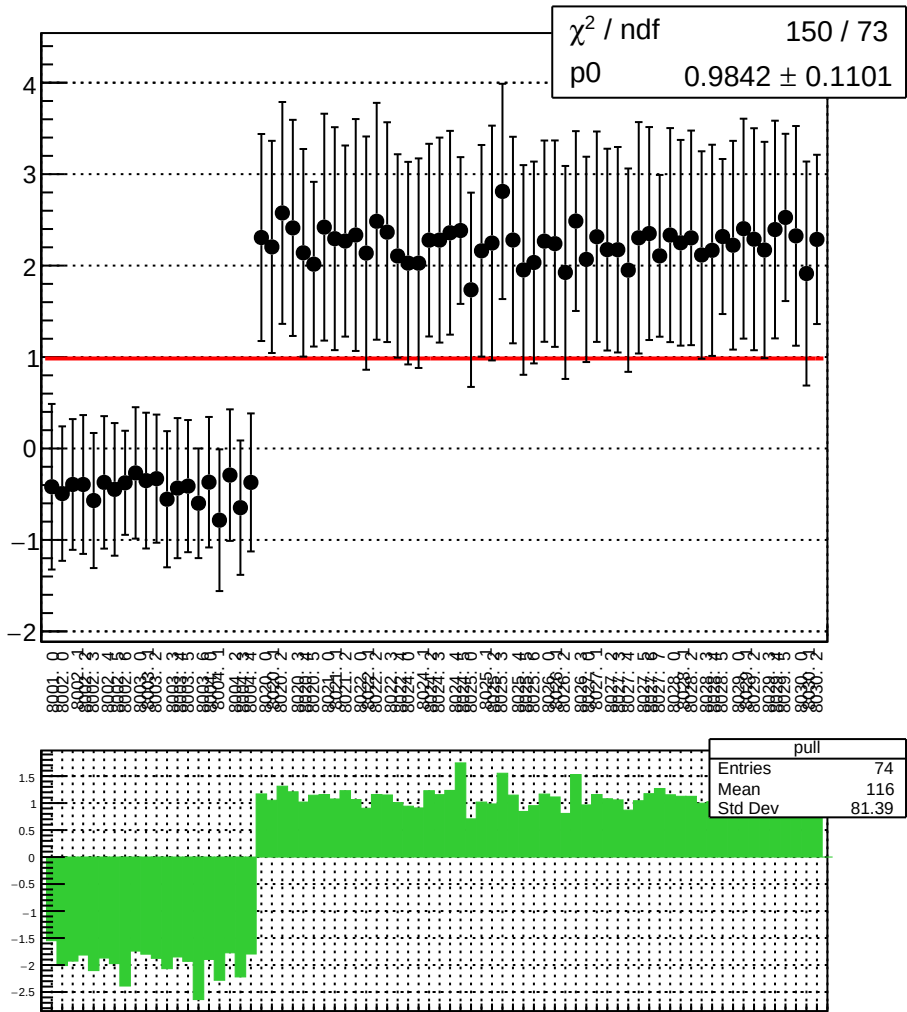
reg\_asym\_sam\_3726\_avg\_diff\_bpm4eX\_slope vs run



reg\_asym\_sam\_3726\_avg\_diff\_bpm4eY\_slope vs run

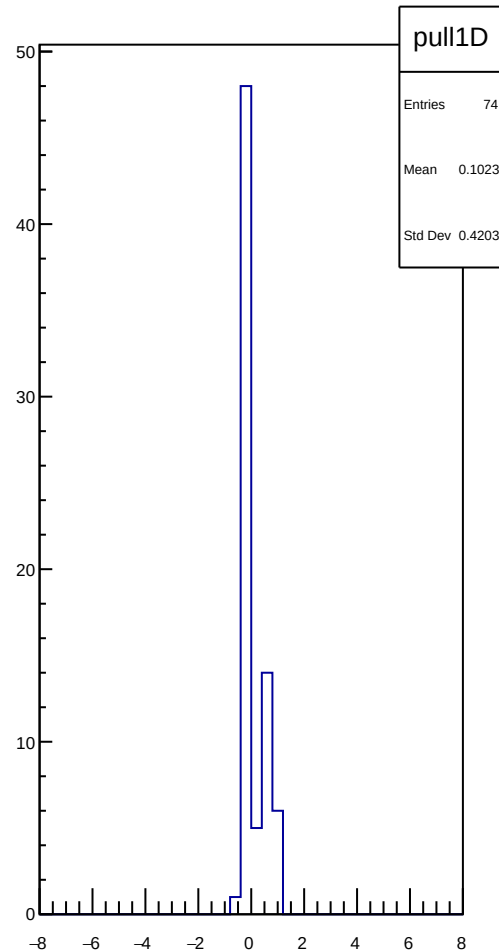
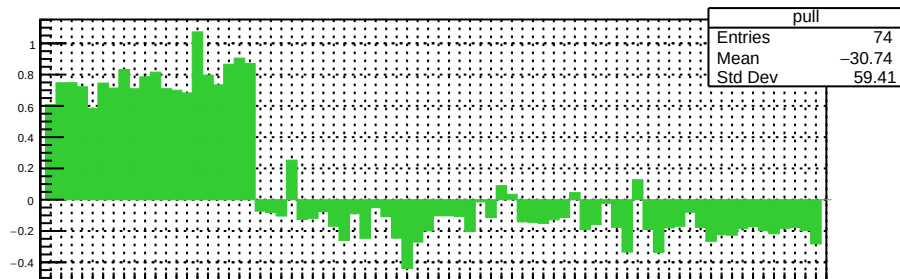
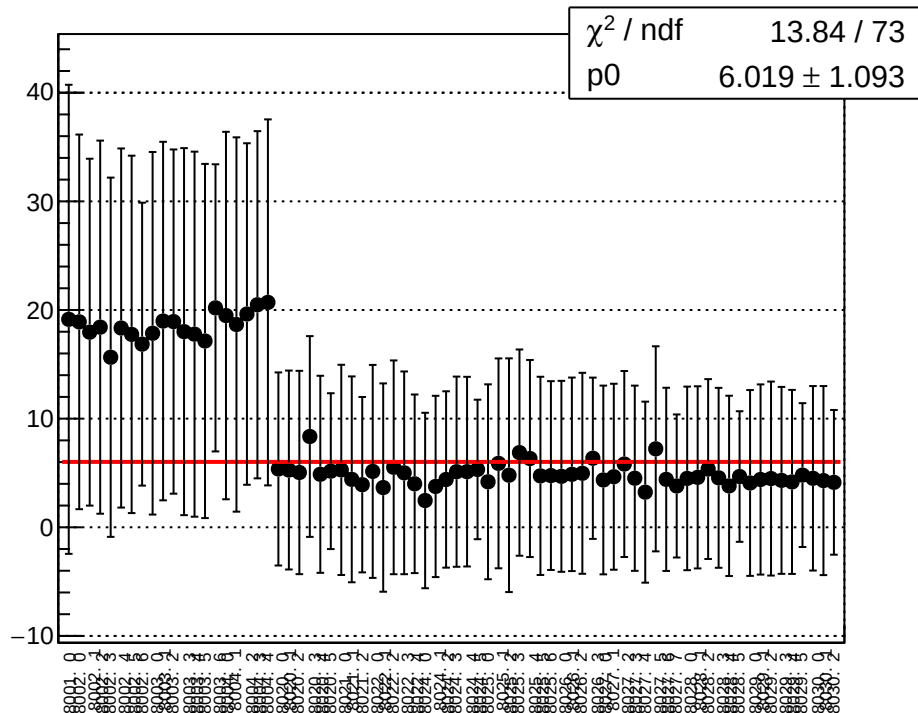


reg\_asym\_sam\_3726\_avg\_diff\_bpm12X\_slope vs run

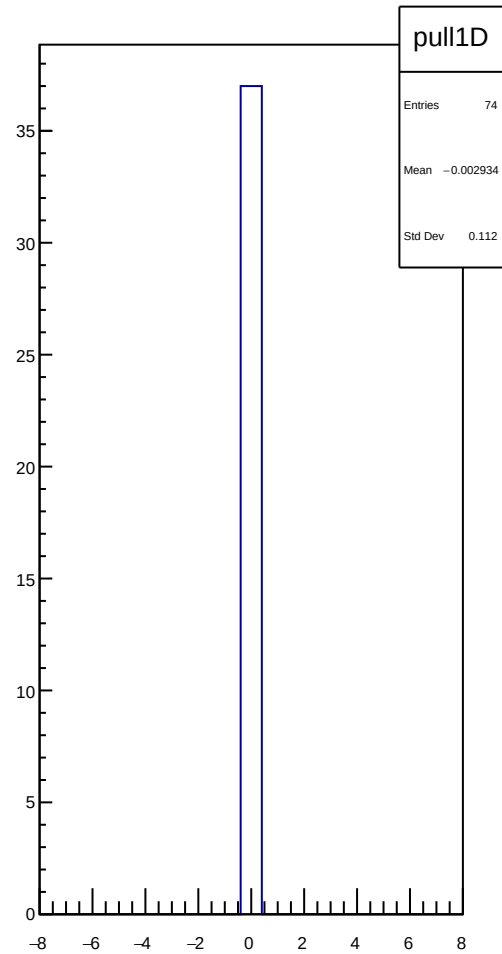
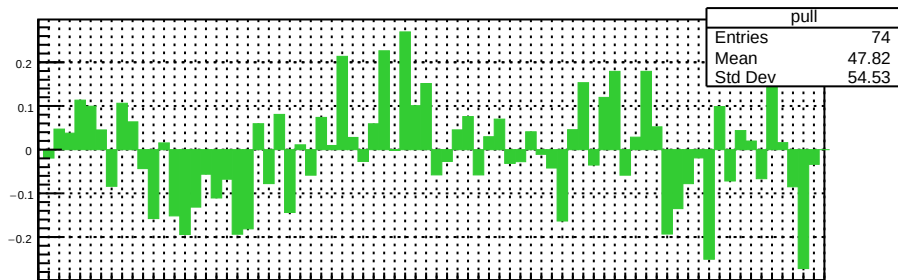
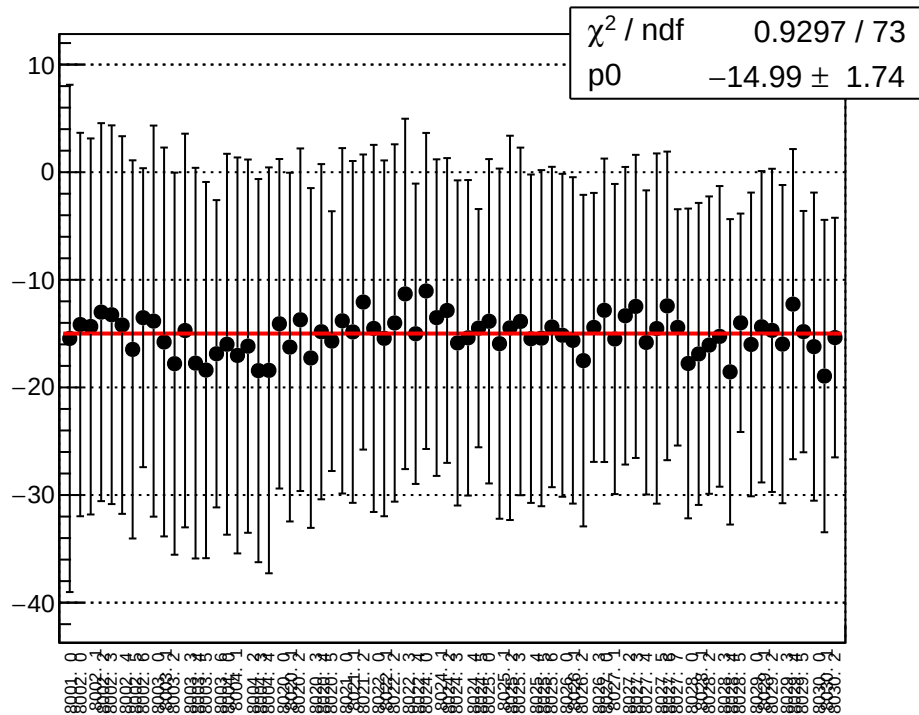




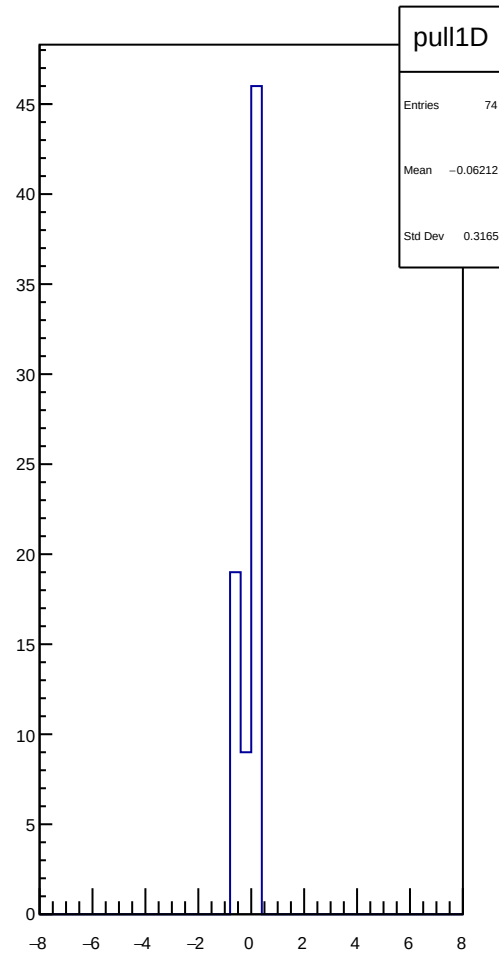
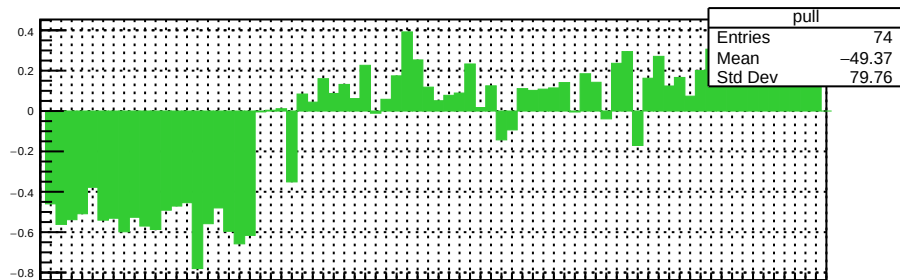
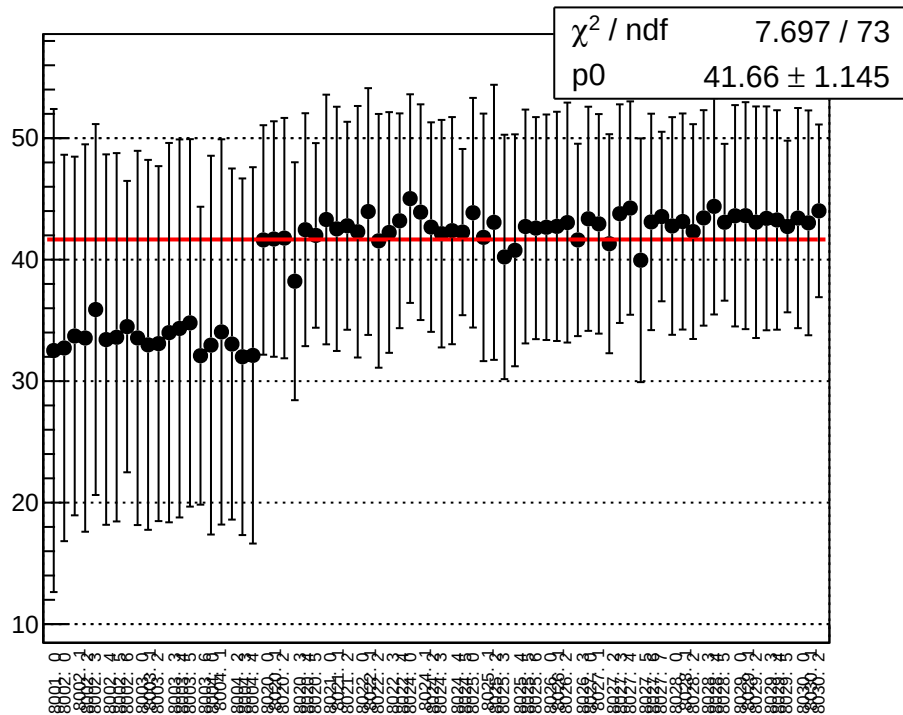
reg\_asym\_sam\_15\_48\_dd\_diff\_bpm1X\_slope vs run



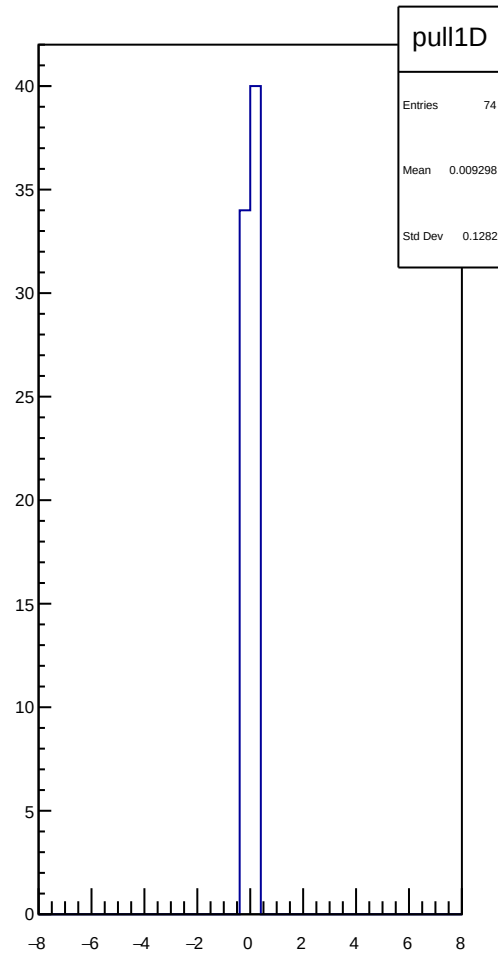
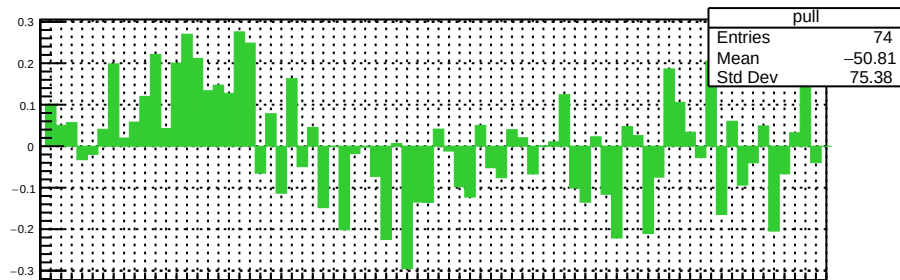
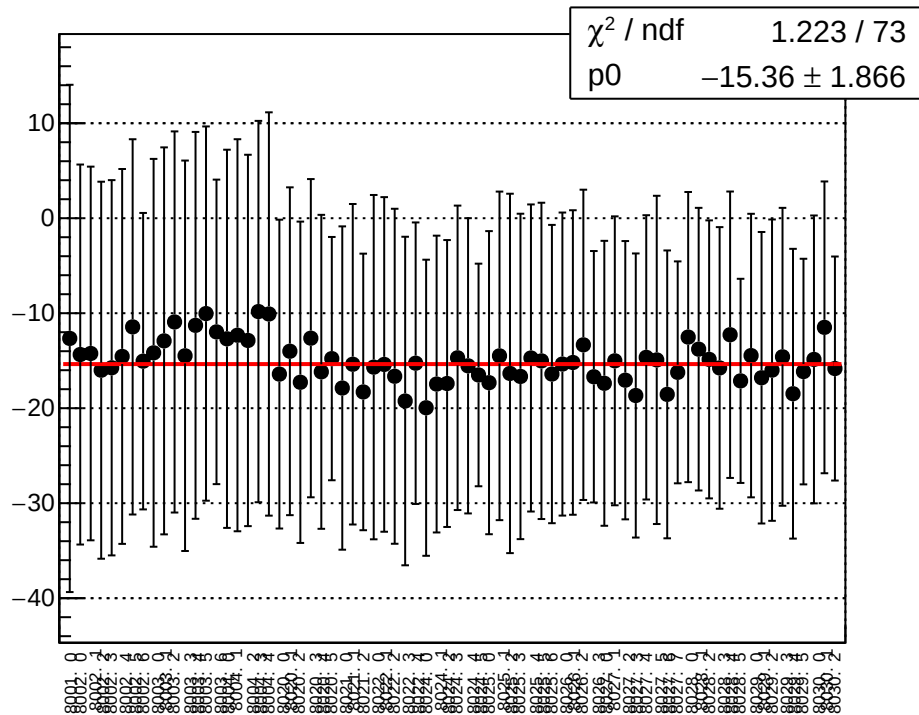
reg\_asym\_sam\_15\_48\_dd\_diff\_bpm4aY\_slope vs run



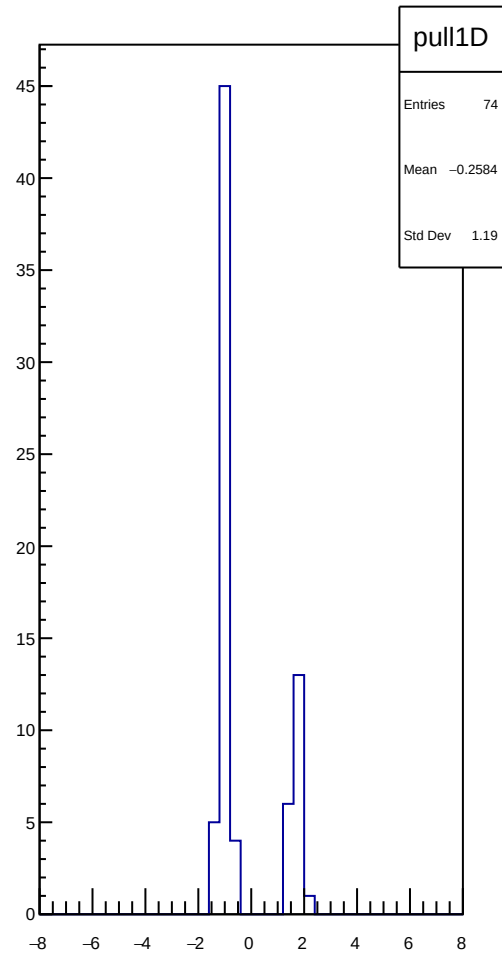
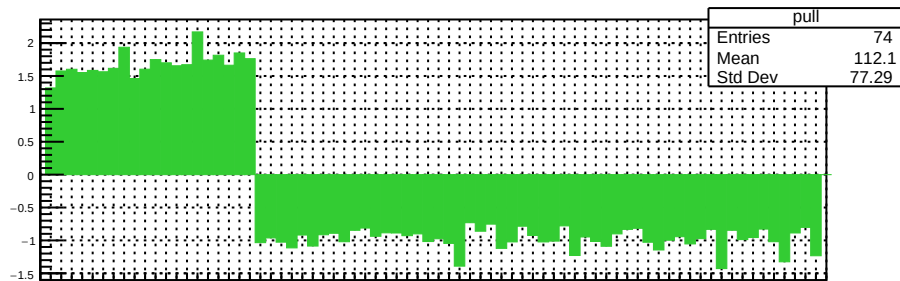
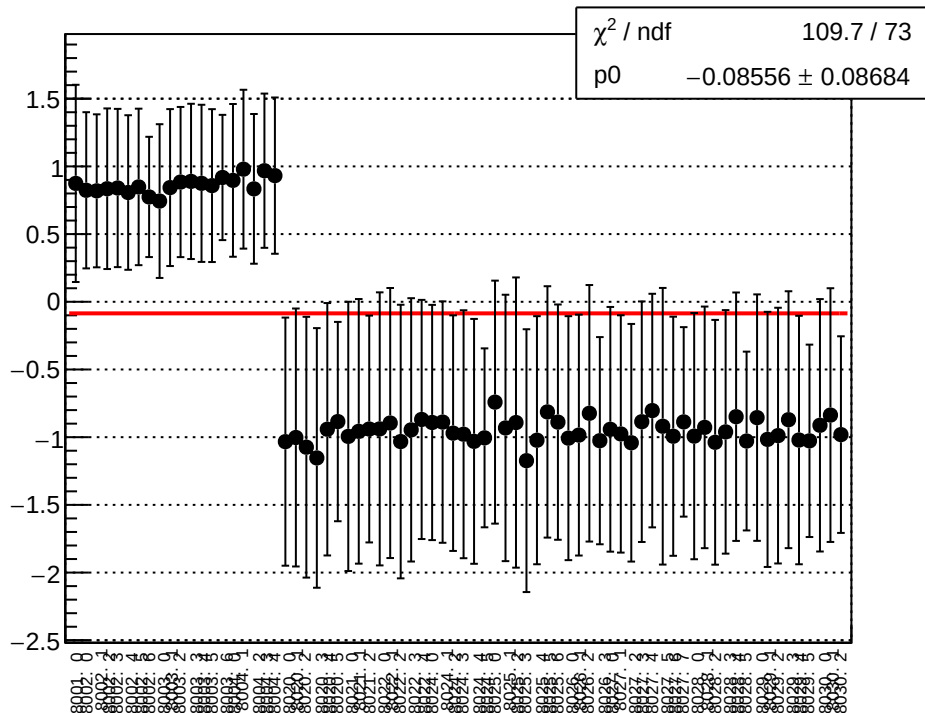
reg\_asym\_sam\_15\_48\_dd\_diff\_bpm4eX\_slope vs run



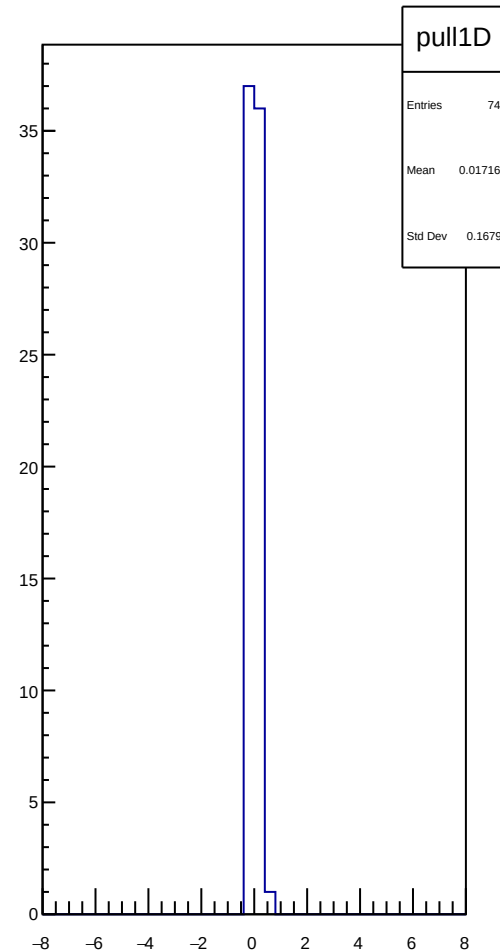
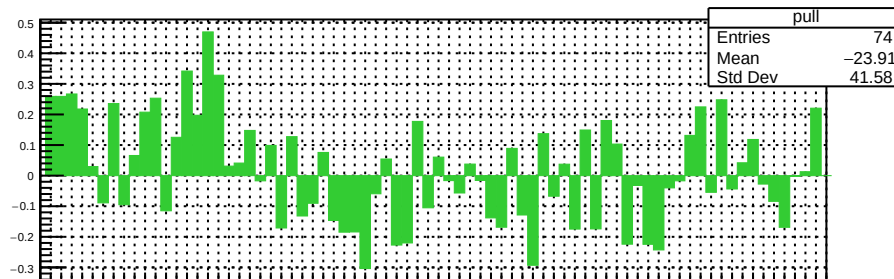
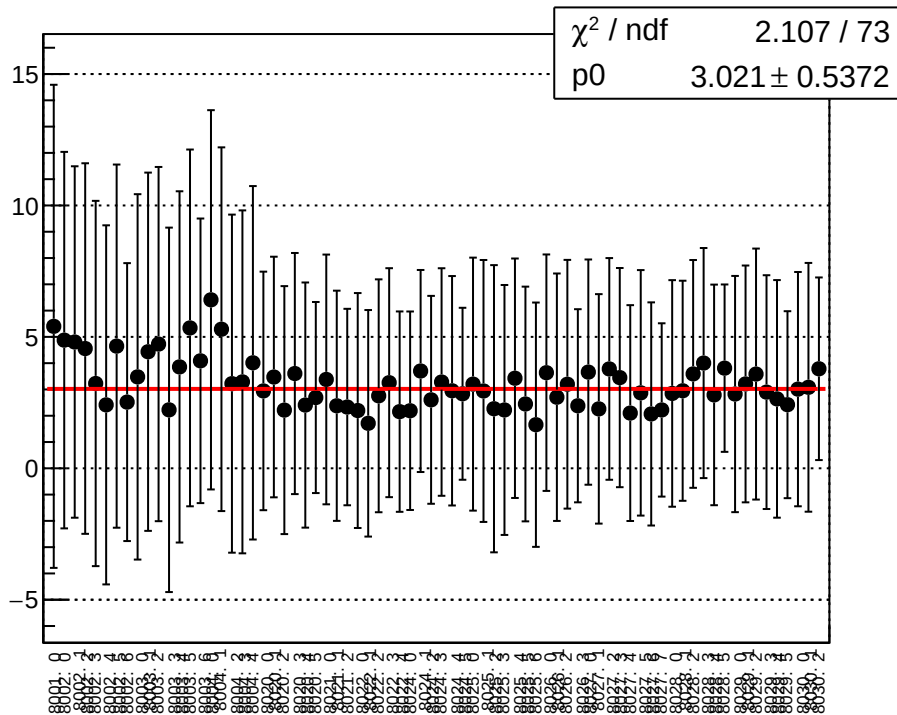
reg\_asym\_sam\_15\_48\_dd\_diff\_bpm4eY\_slope vs run



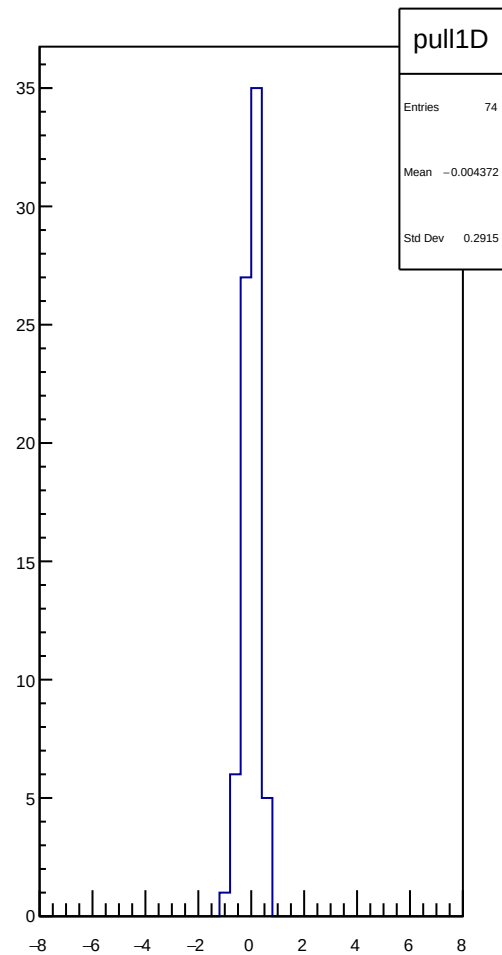
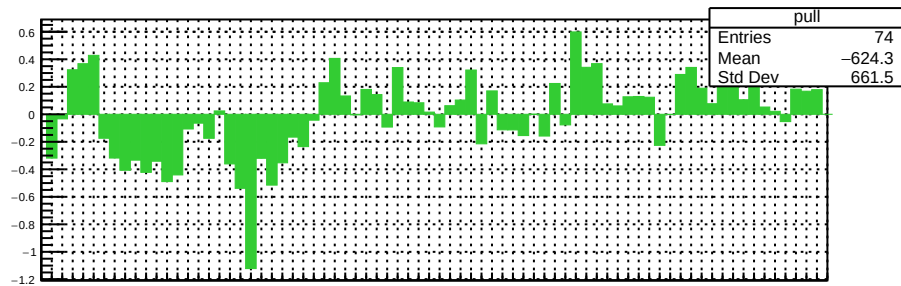
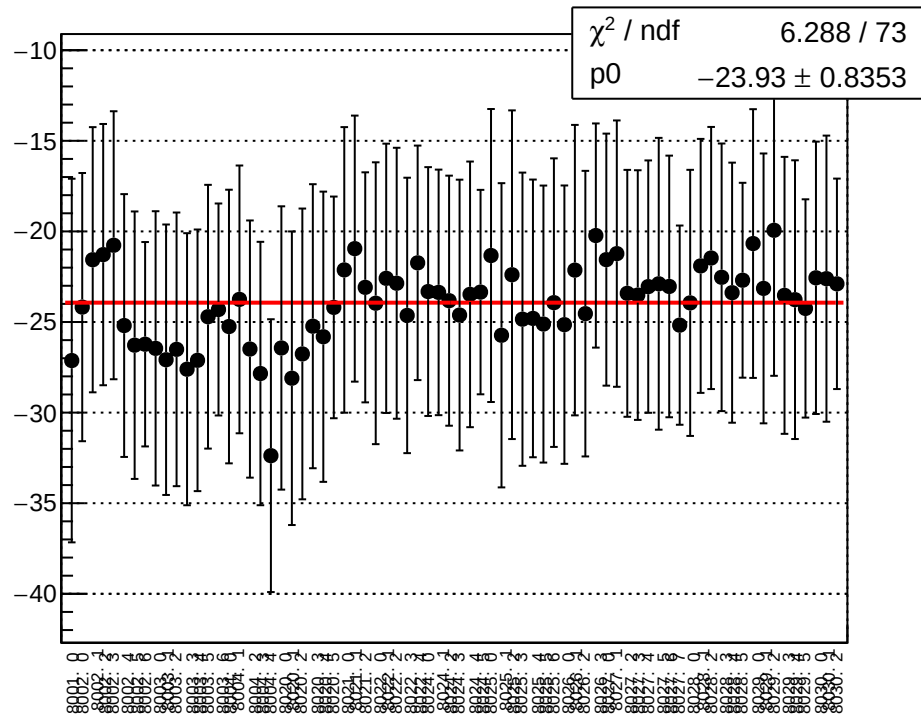
reg\_asym\_sam\_15\_48\_dd\_diff\_bpm12X\_slope vs run



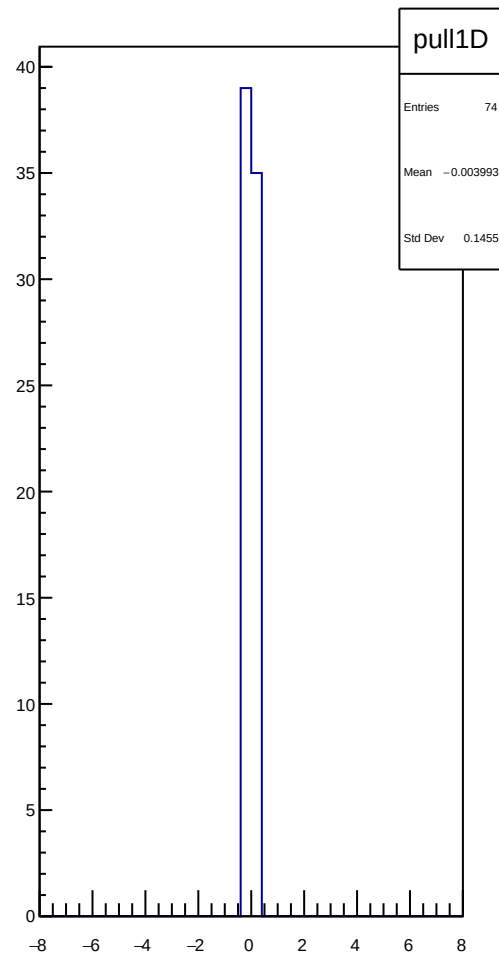
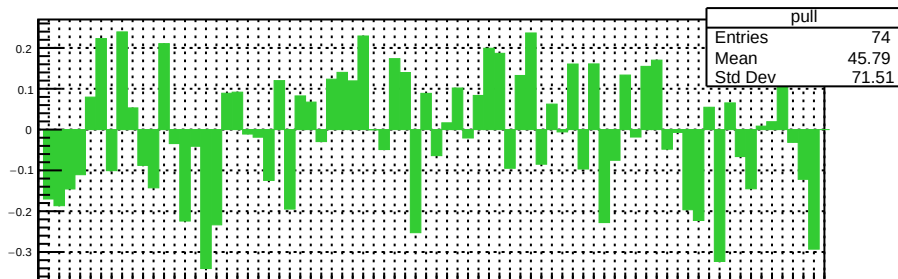
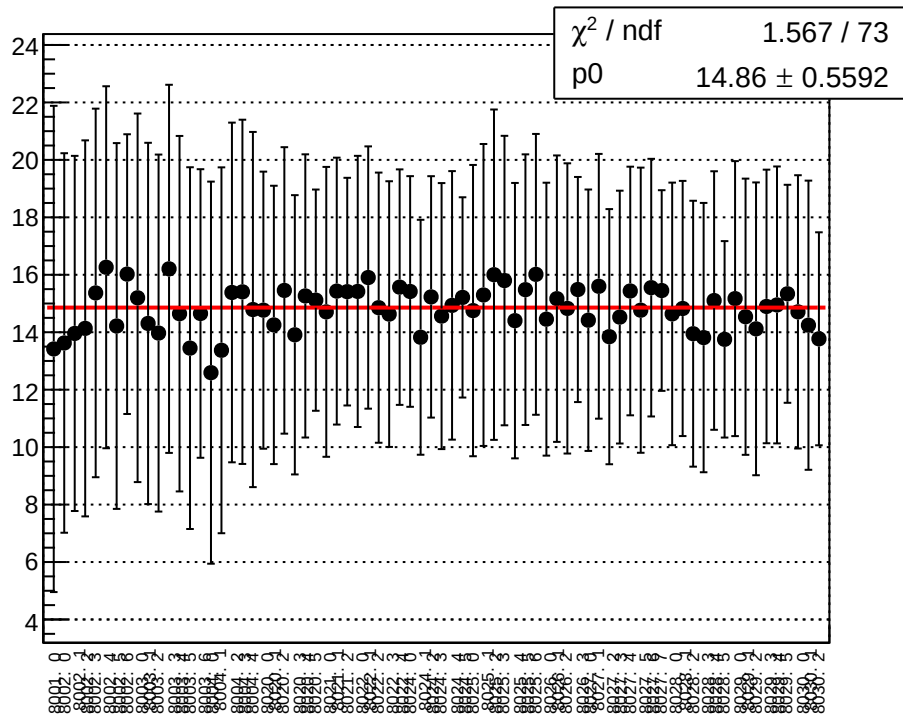
reg\_asym\_sam\_37\_48\_dd\_diff\_bpm1X\_slope vs run



reg\_asym\_sam\_37\_48\_dd\_diff\_bpm4aY\_slope vs run

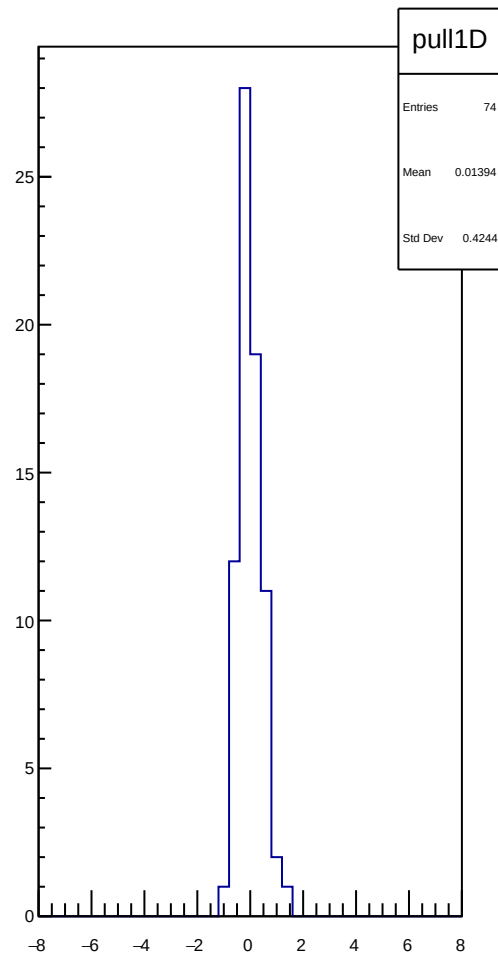
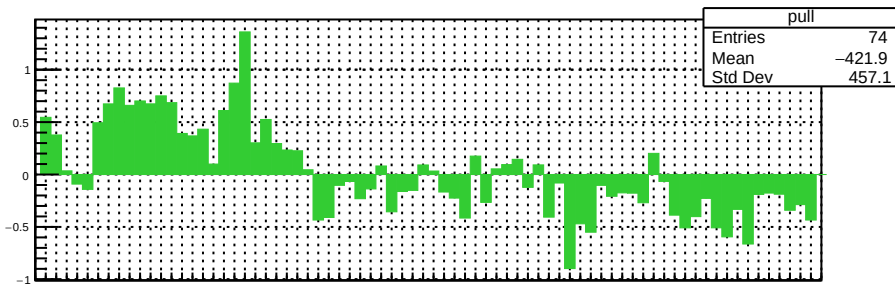
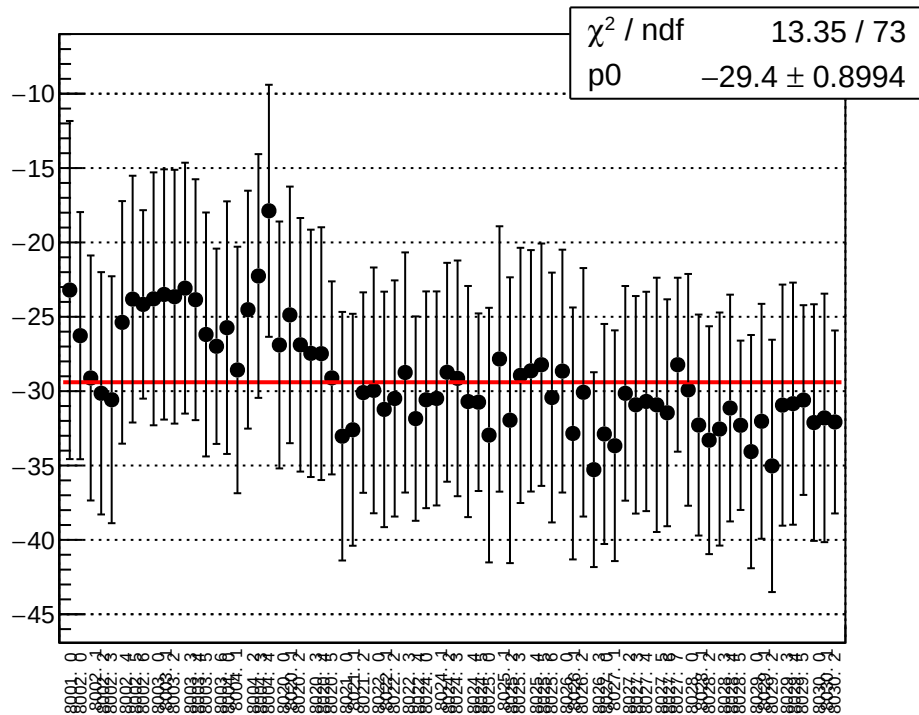


reg\_asym\_sam\_37\_48\_dd\_diff\_bpm4eX\_slope vs run

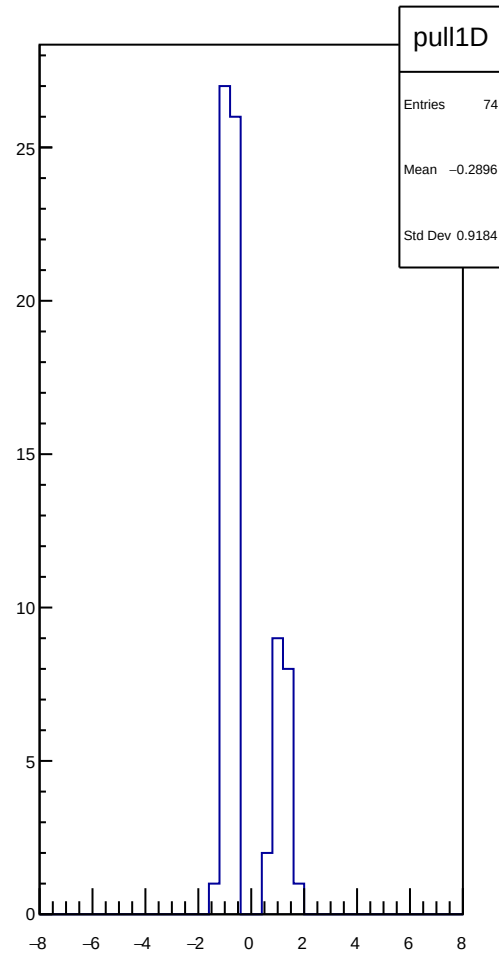
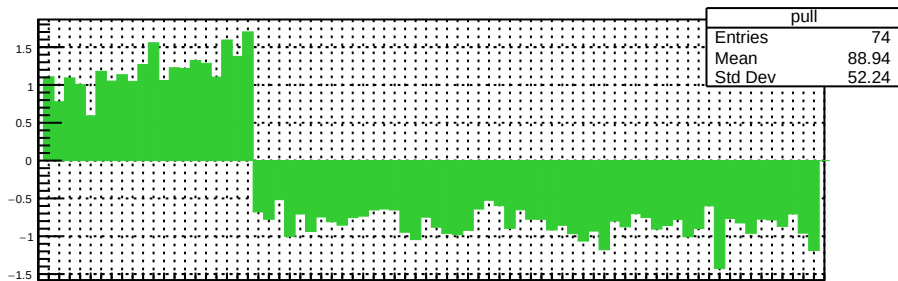
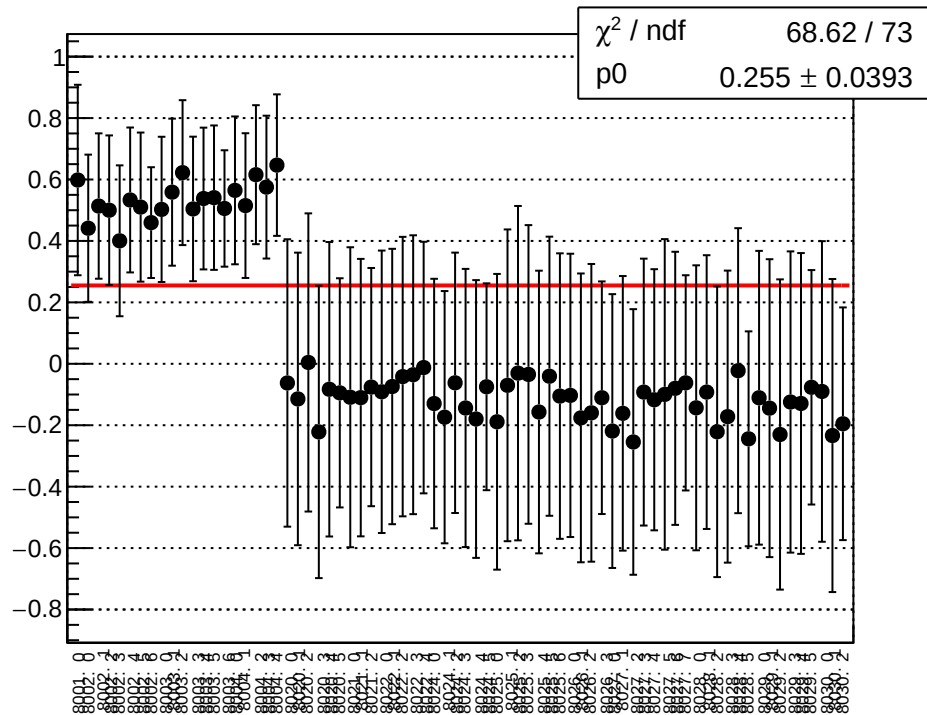




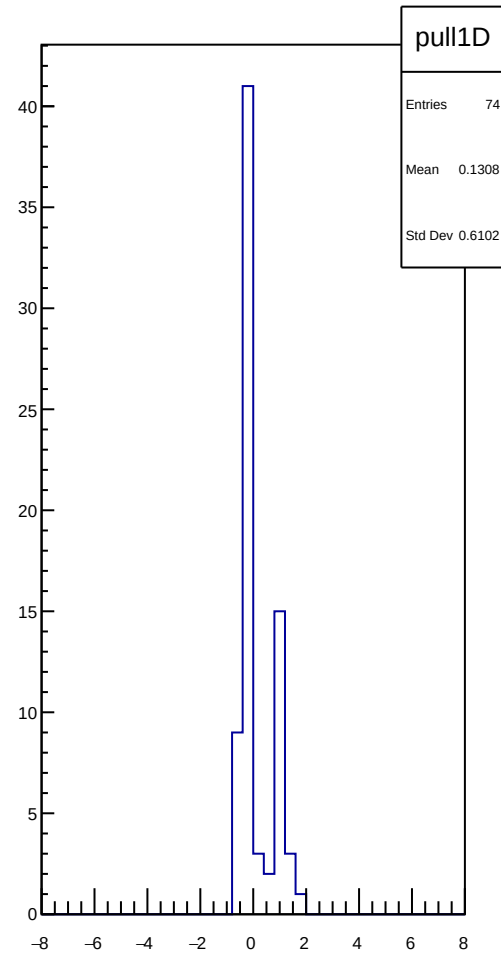
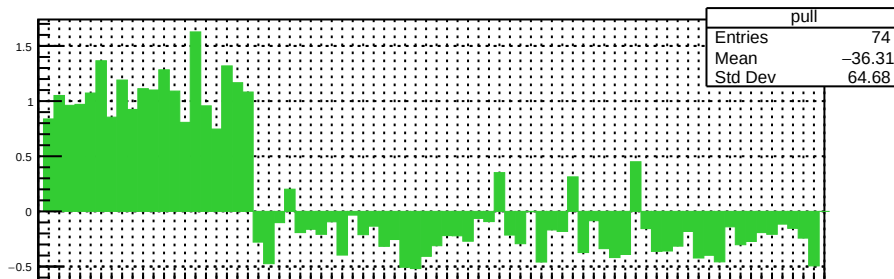
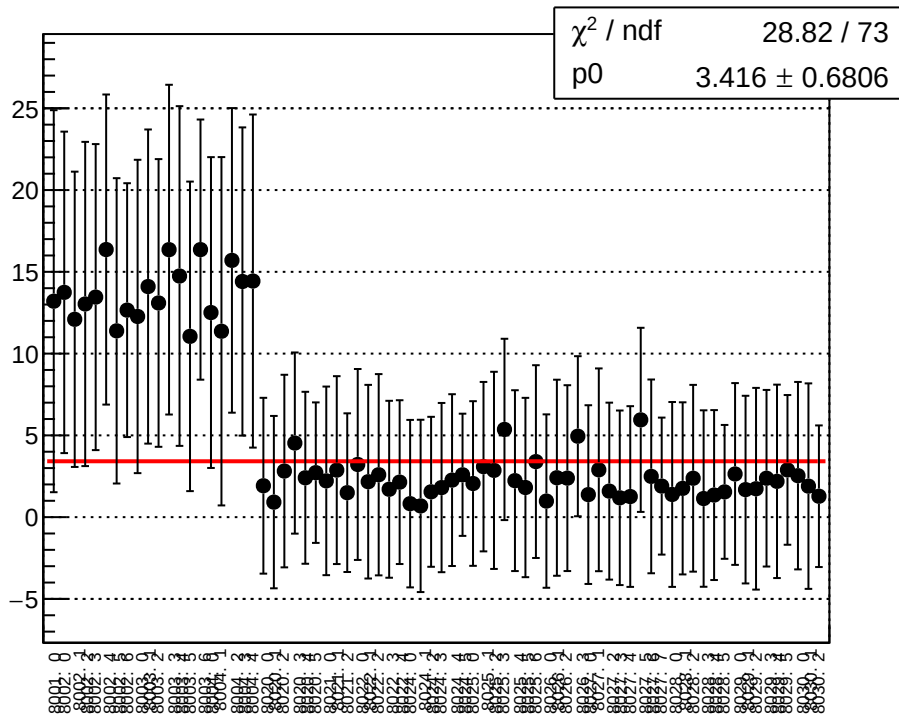
reg\_asym\_sam\_37\_48\_dd\_diff\_bpm4eY\_slope vs run



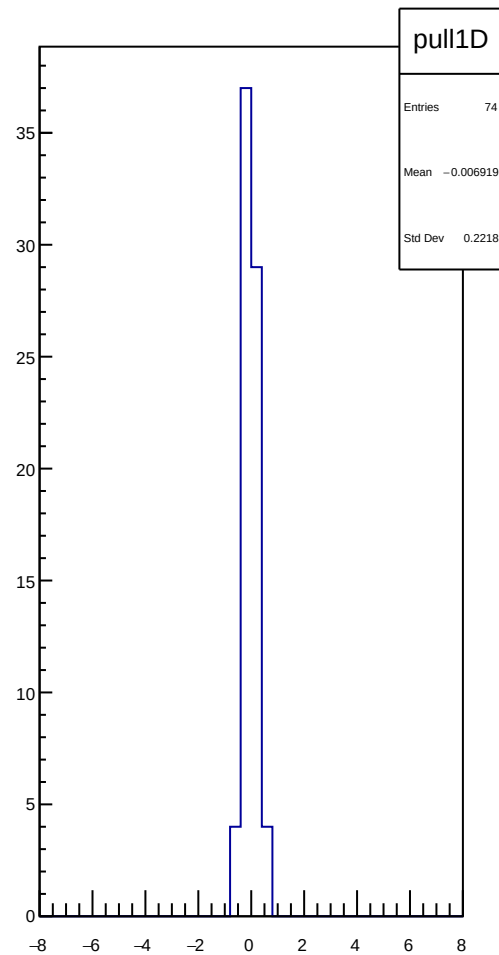
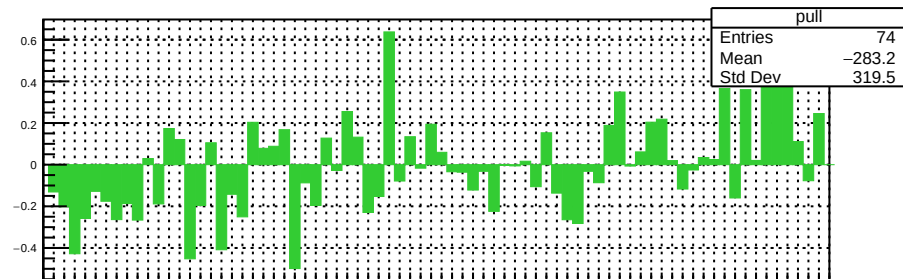
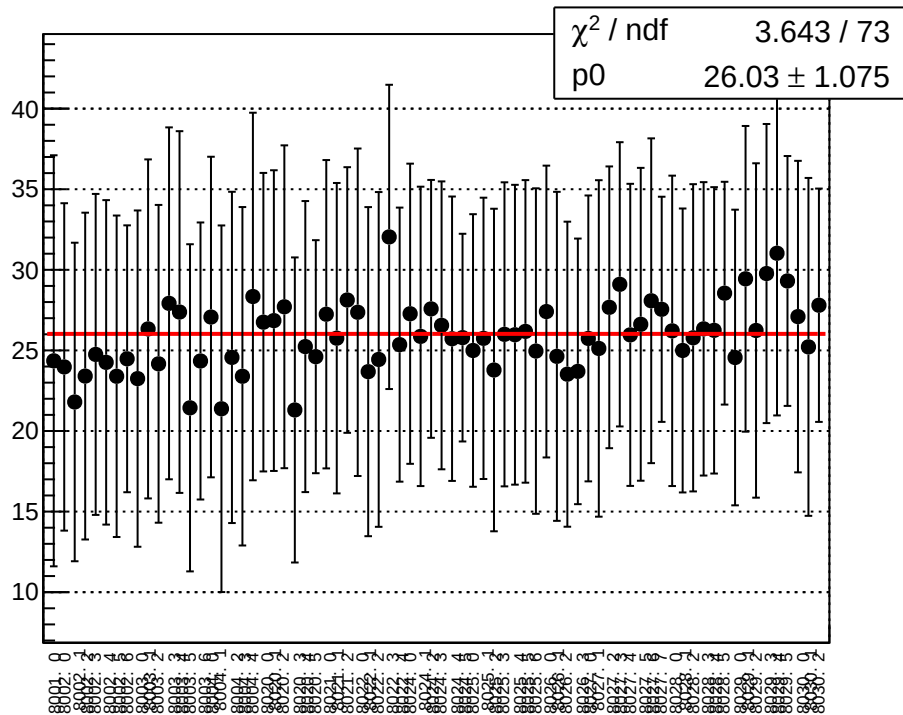
reg\_asym\_sam\_37\_48\_dd\_diff\_bpm12X\_slope vs run



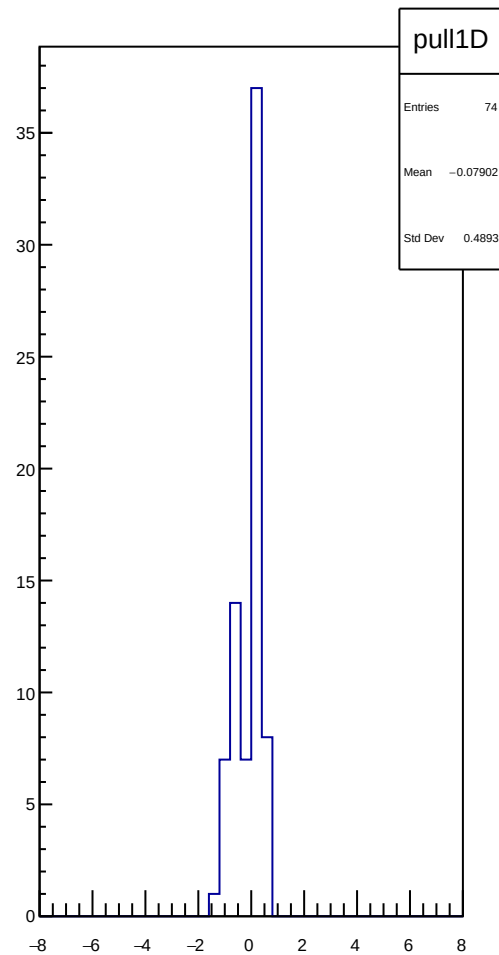
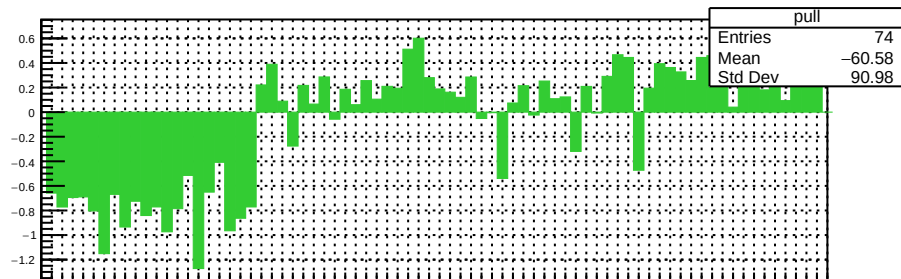
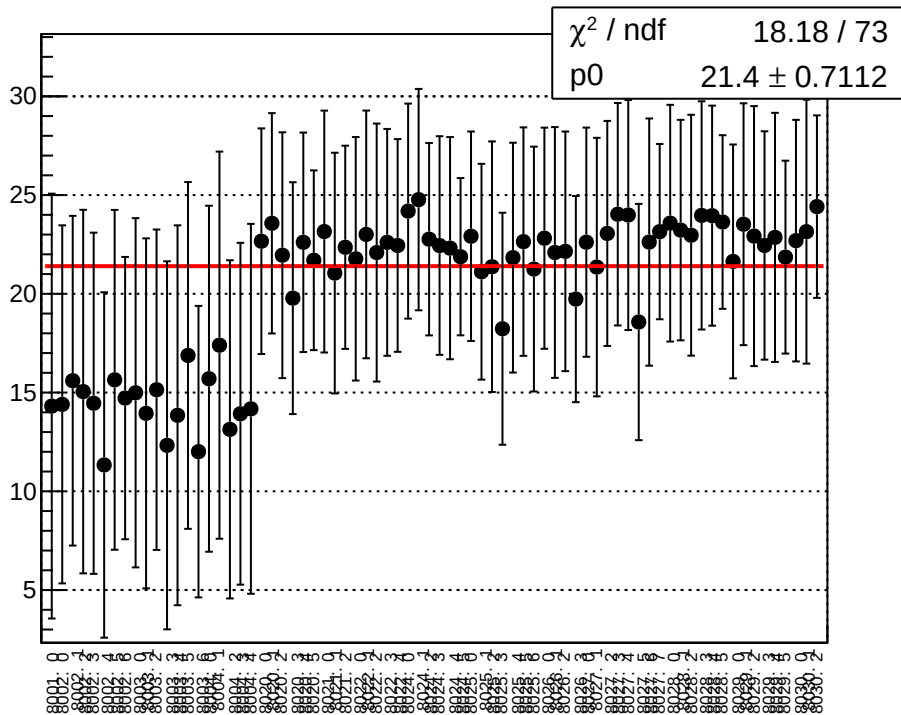
reg\_asym\_sam\_15\_26\_dd\_diff\_bpm1X\_slope vs run



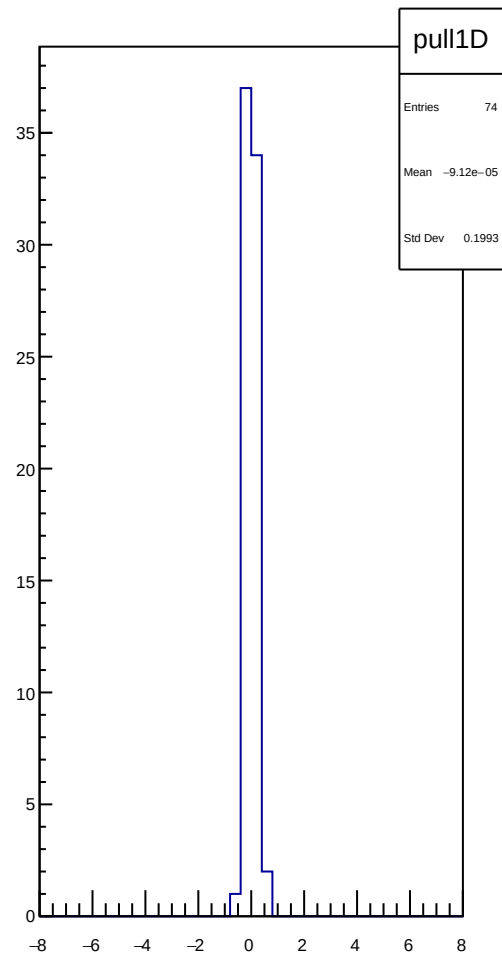
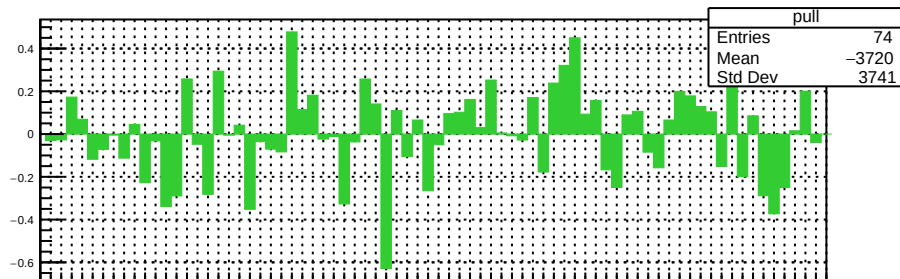
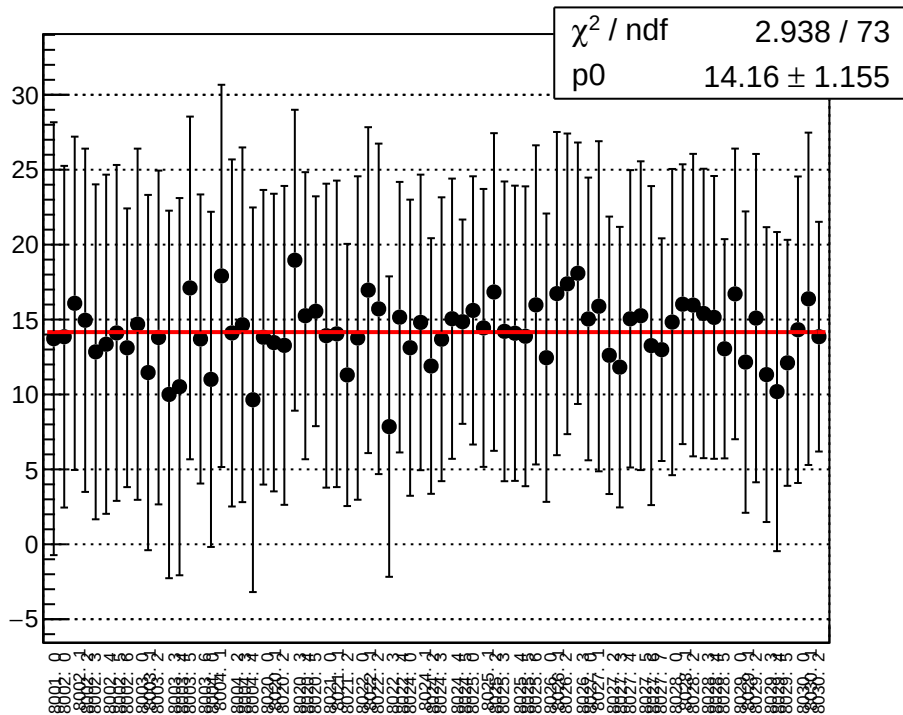
reg\_asym\_sam\_15\_26\_dd\_diff\_bpm4aY\_slope vs run



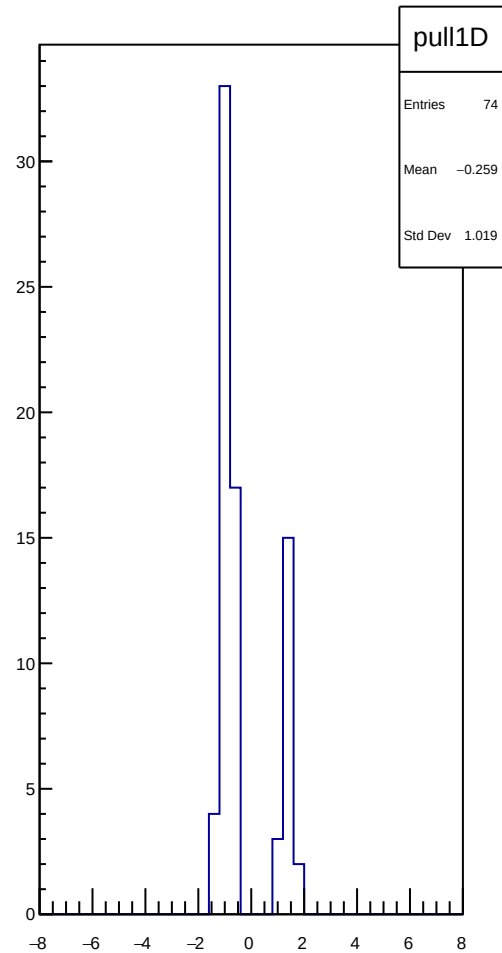
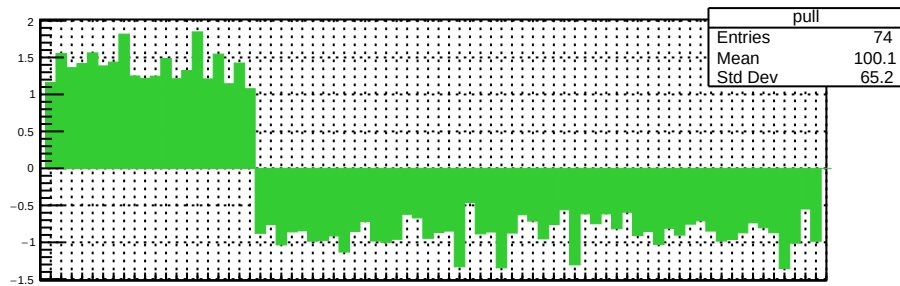
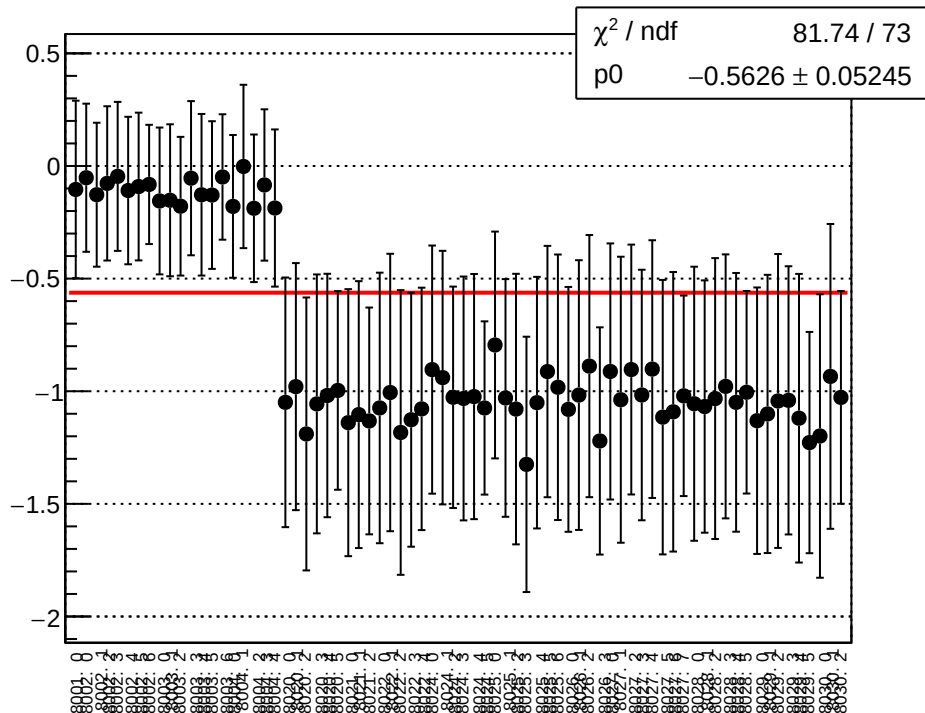
reg\_asym\_sam\_15\_26\_dd\_diff\_bpm4eX\_slope vs run



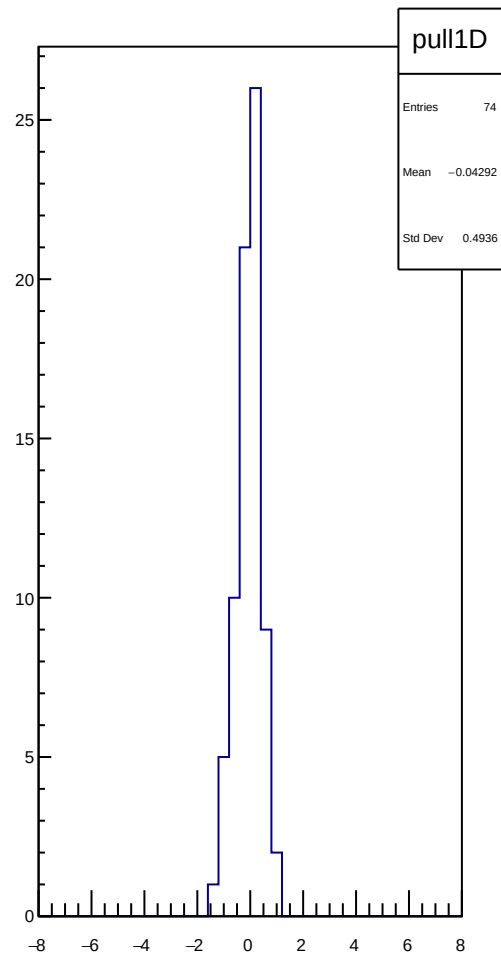
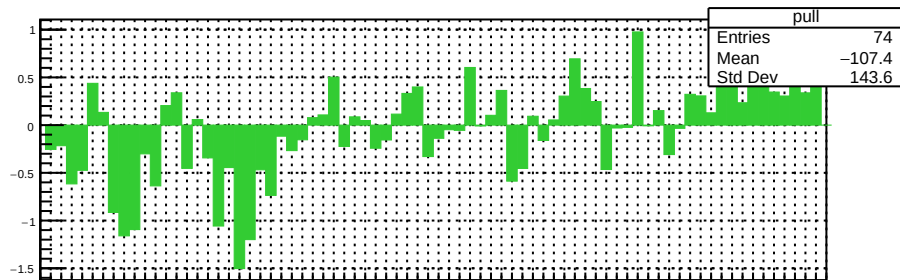
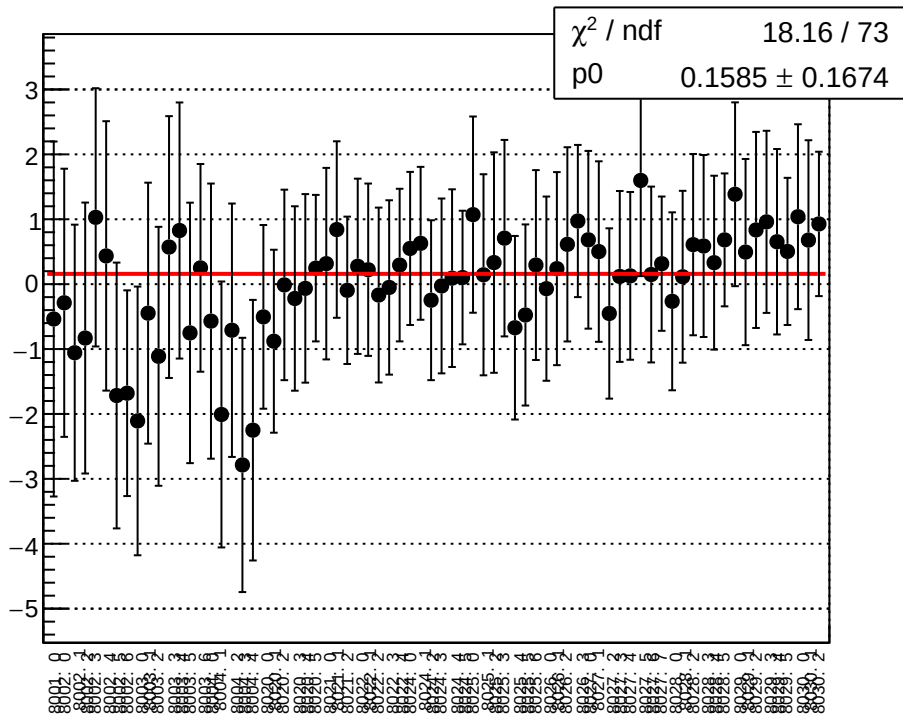
reg\_asym\_sam\_15\_26\_dd\_diff\_bpm4eY\_slope vs run



reg\_asym\_sam\_15\_26\_dd\_diff\_bpm12X\_slope vs run

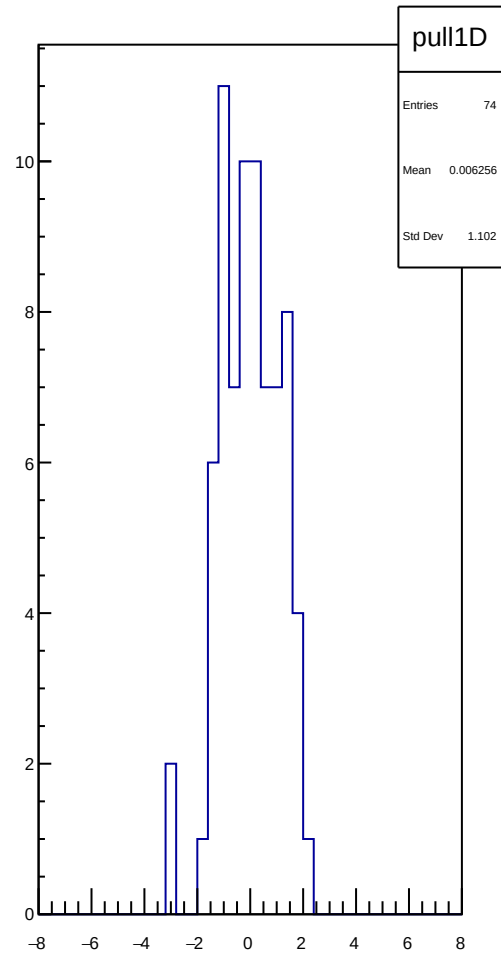
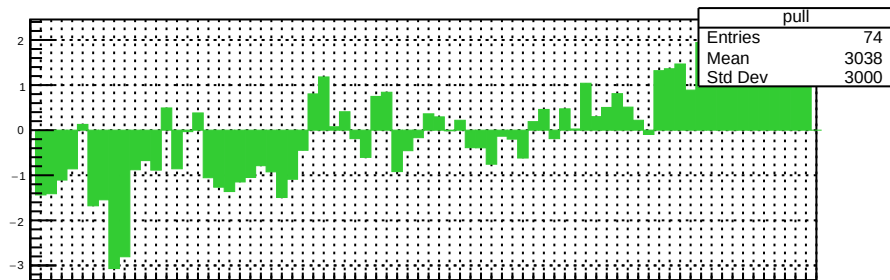
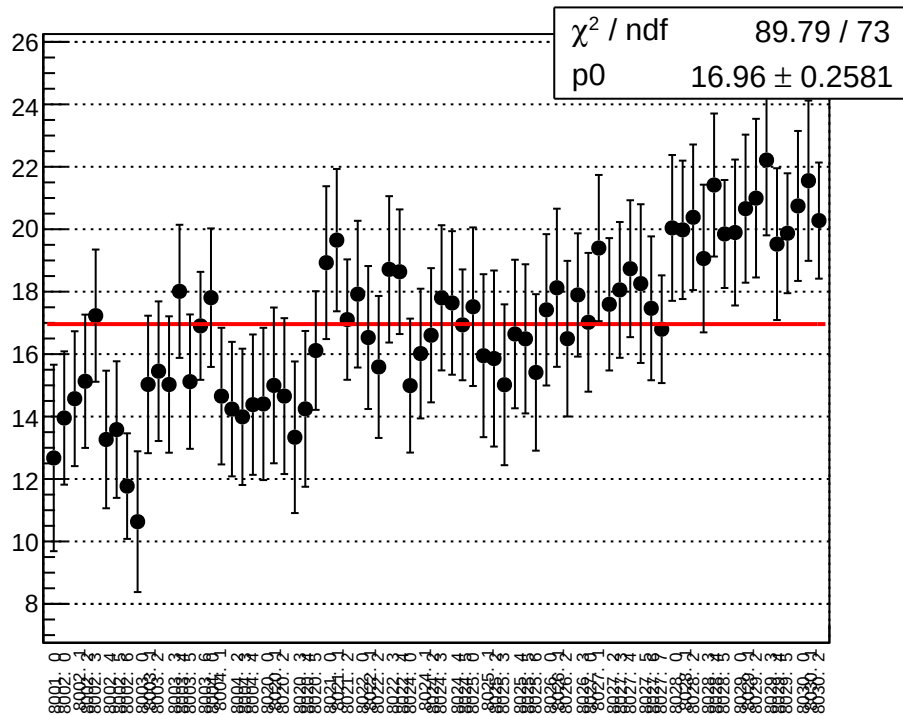


reg\_asym\_sam\_37\_26\_dd\_diff\_bpm1X\_slope vs run

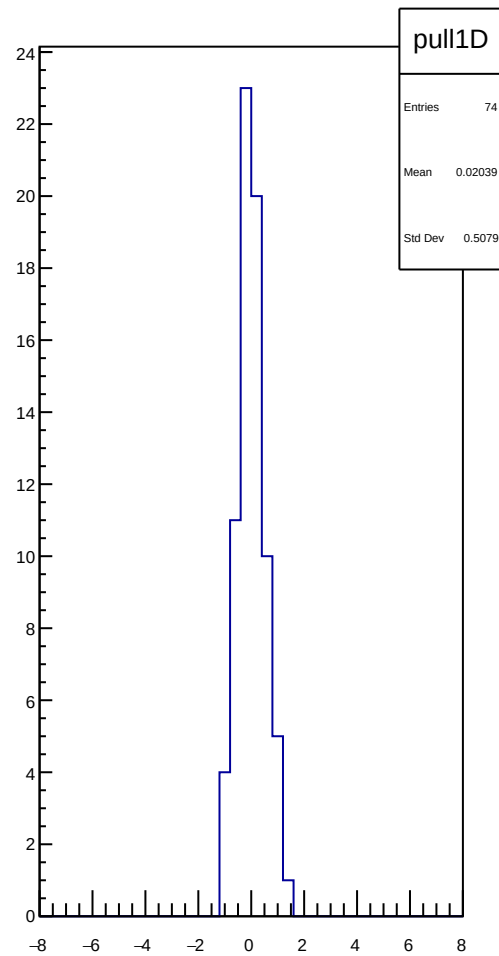
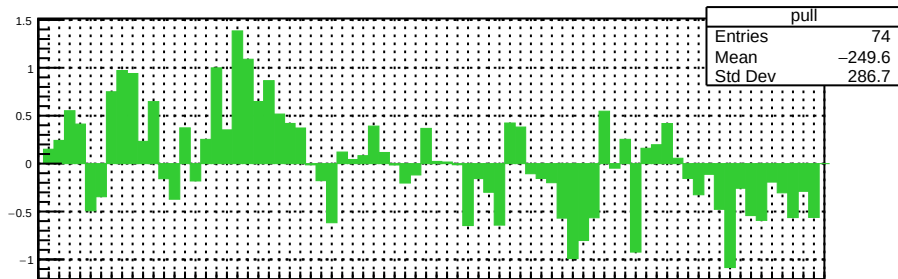
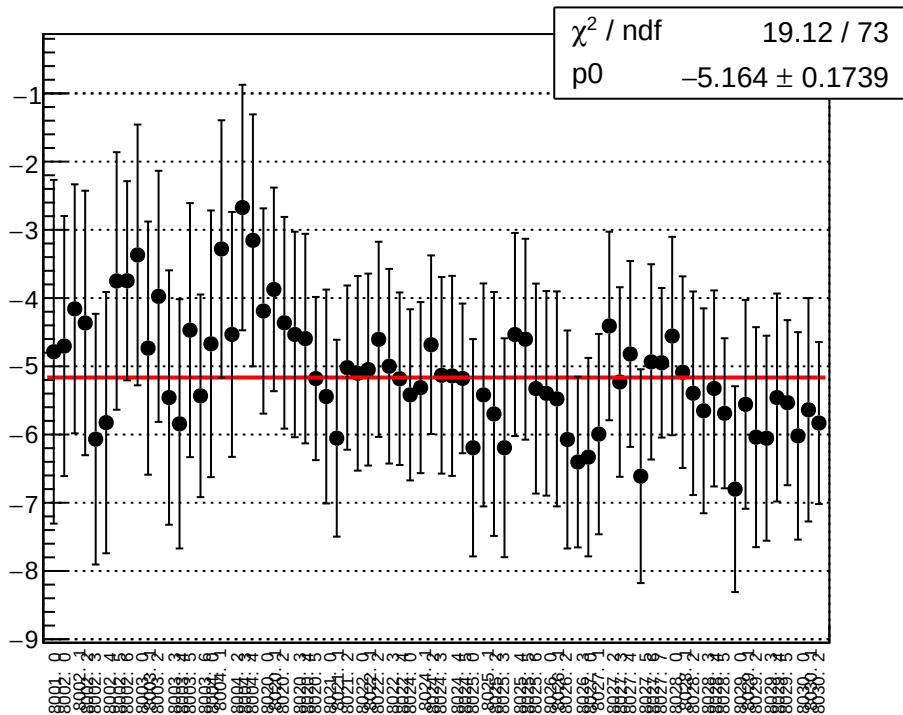




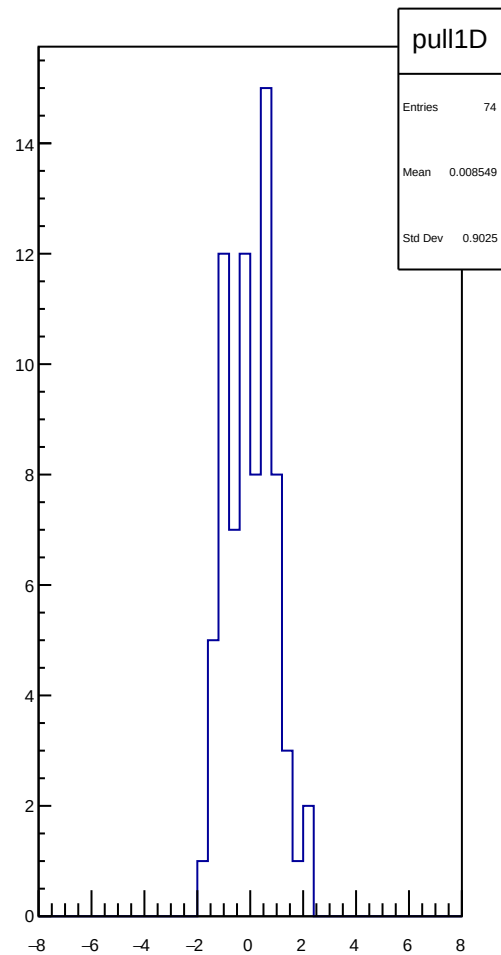
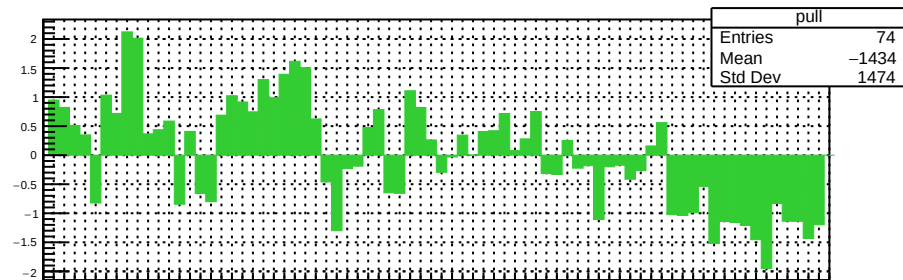
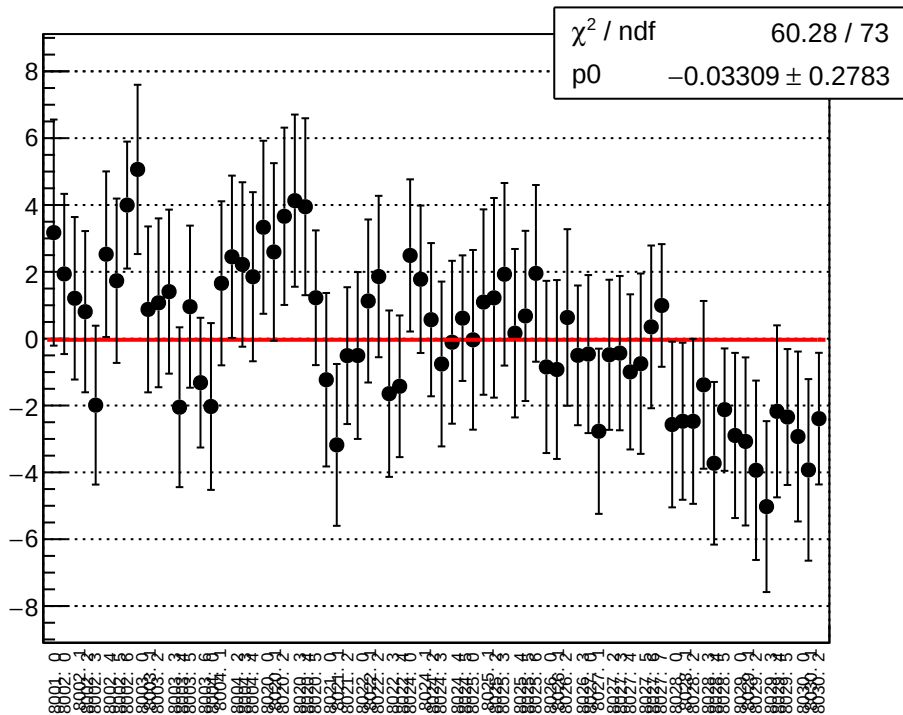
reg\_asym\_sam\_37\_26\_dd\_diff\_bpm4aY\_slope vs run



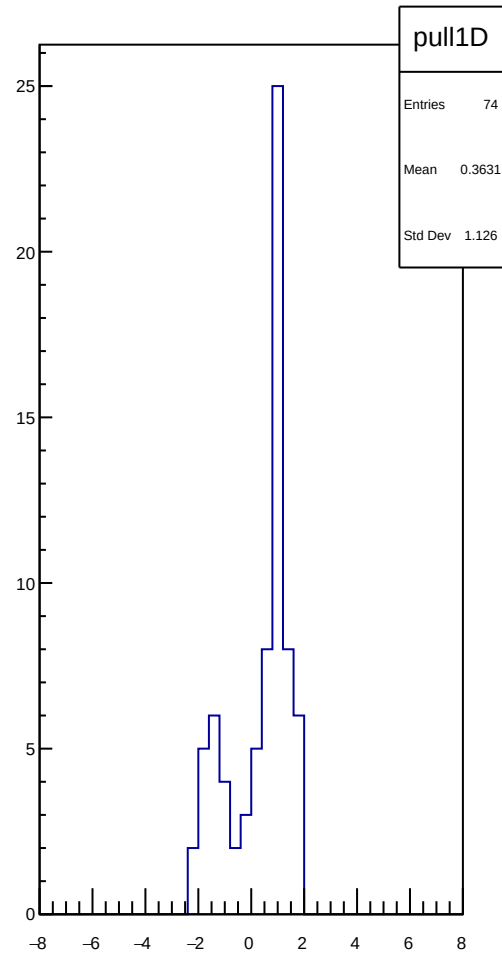
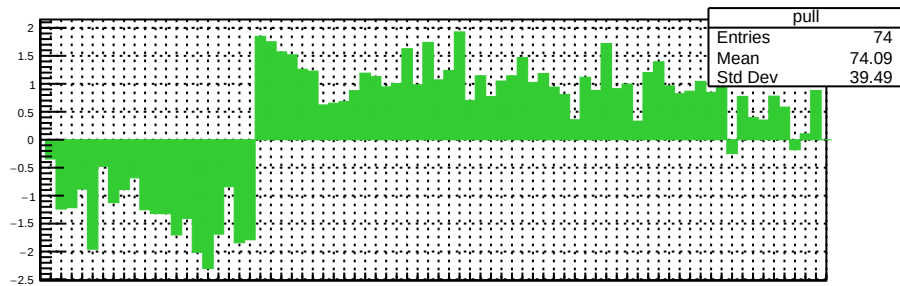
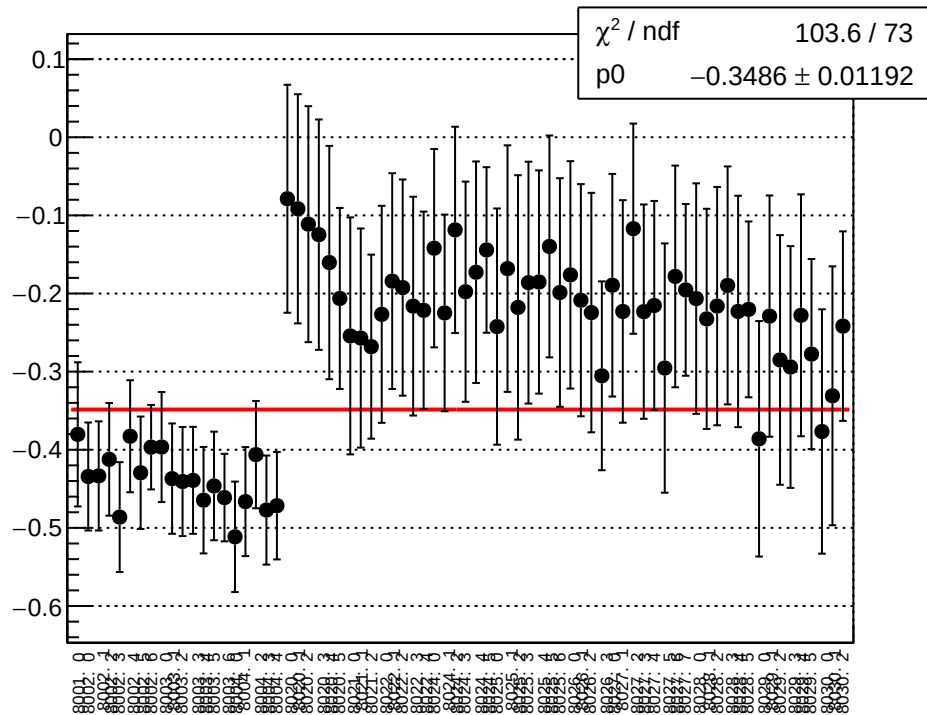
reg\_asym\_sam\_37\_26\_dd\_diff\_bpm4eX\_slope vs run



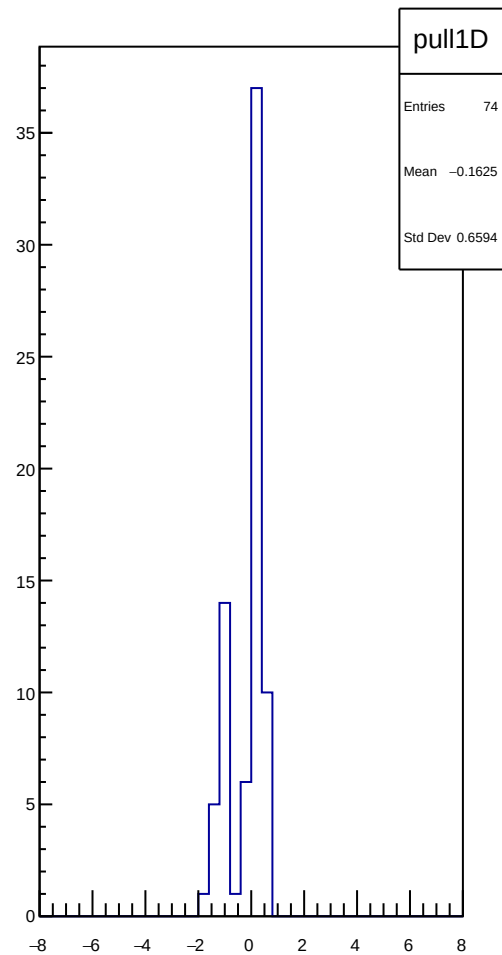
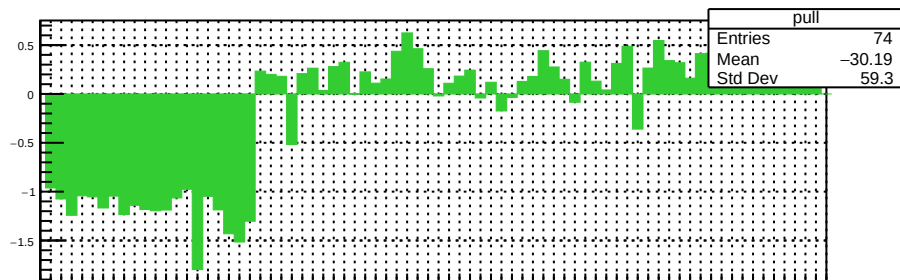
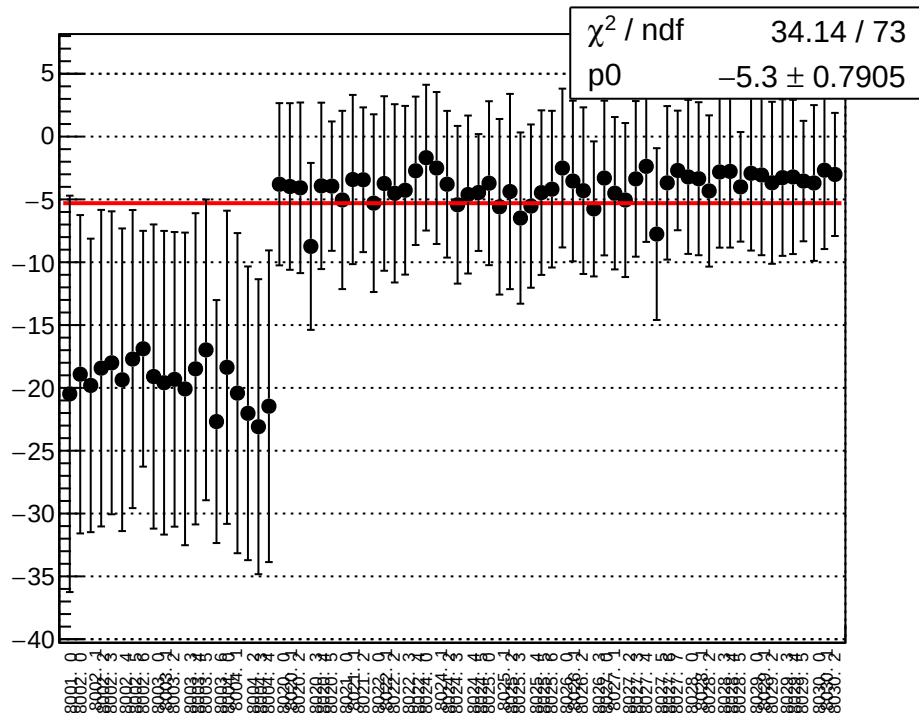
reg\_asym\_sam\_37\_26\_dd\_diff\_bpm4eY\_slope vs run



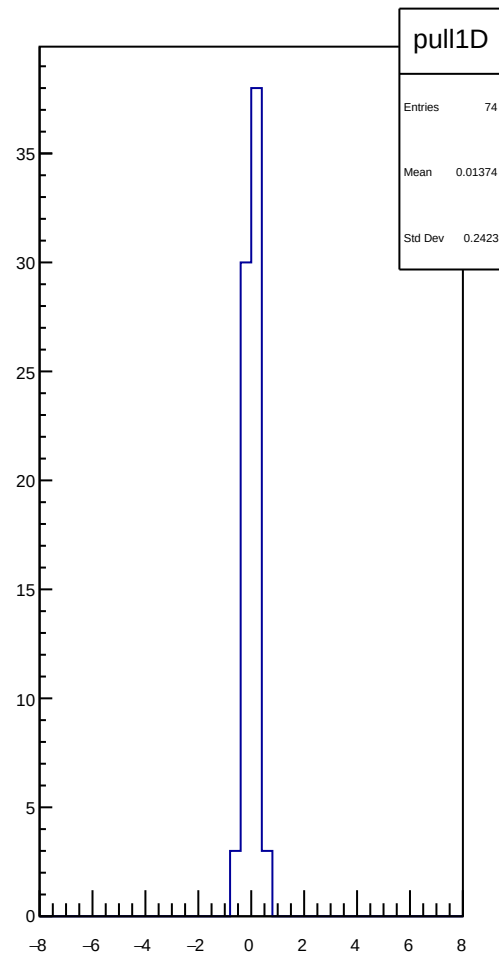
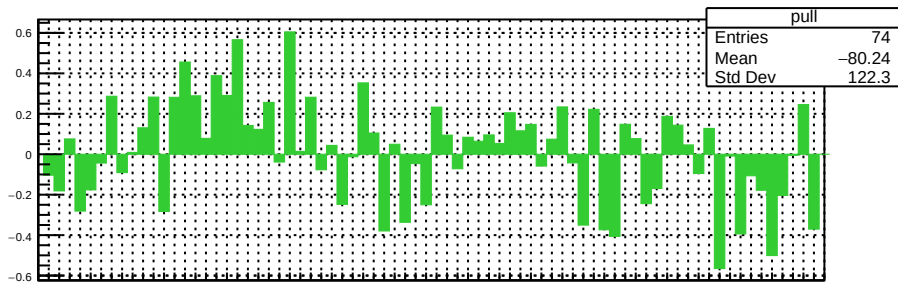
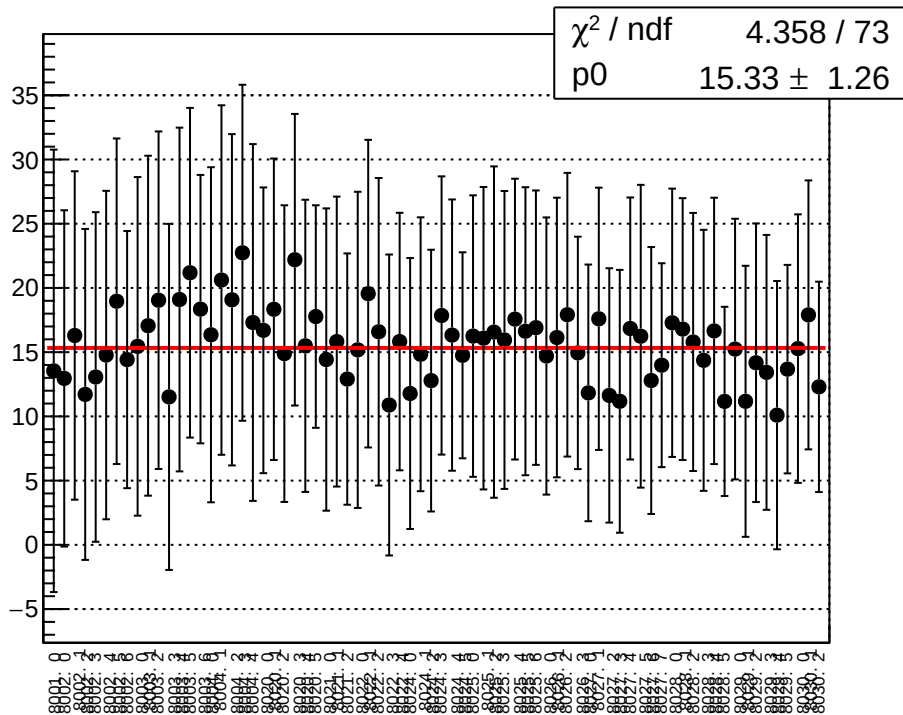
reg\_asym\_sam\_37\_26\_dd\_diff\_bpm12X\_slope vs run



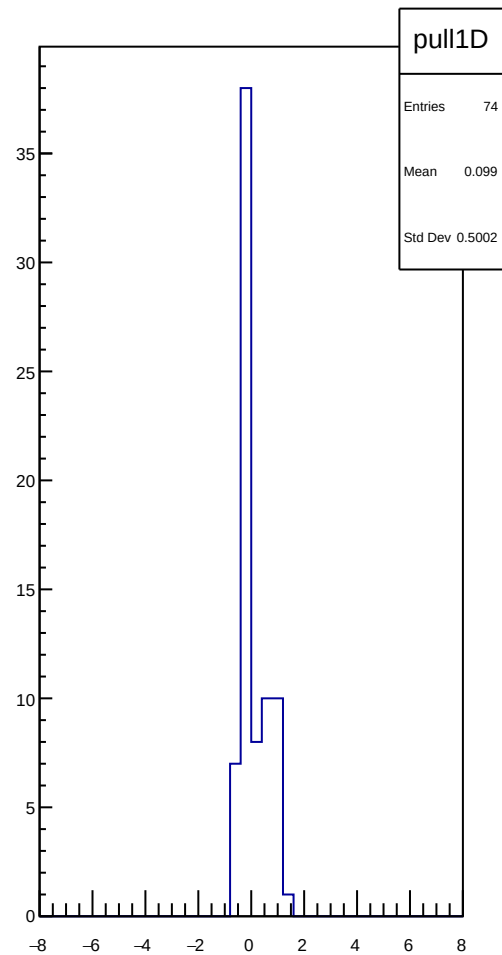
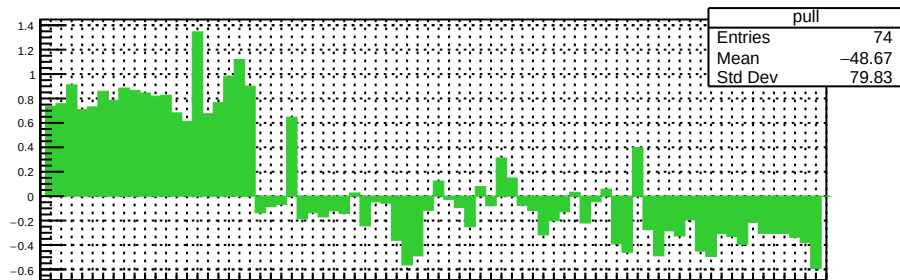
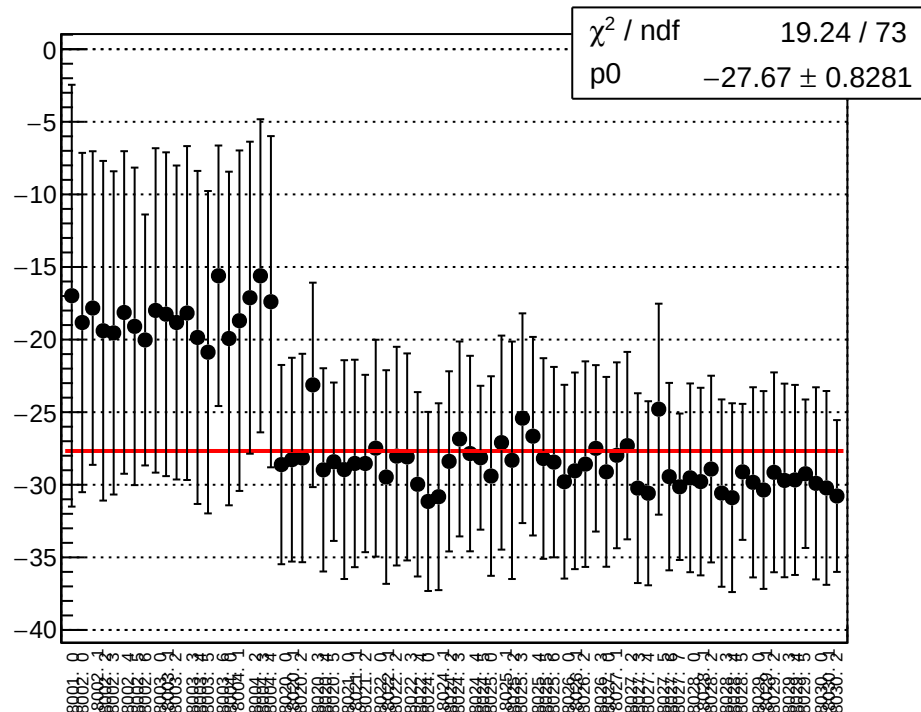
reg\_asym\_sam\_1357\_avg\_diff\_bpm1X\_slope vs run



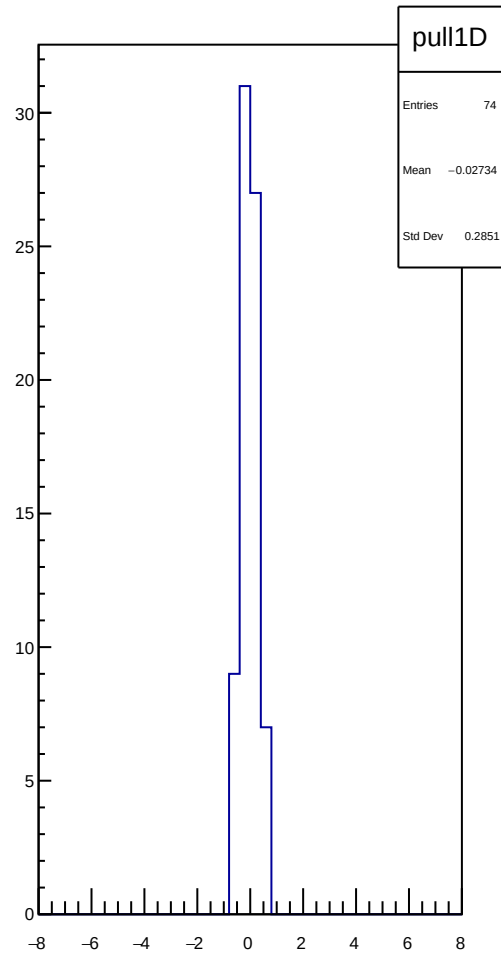
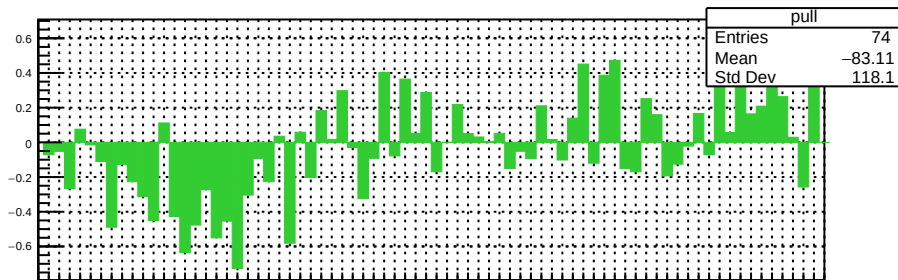
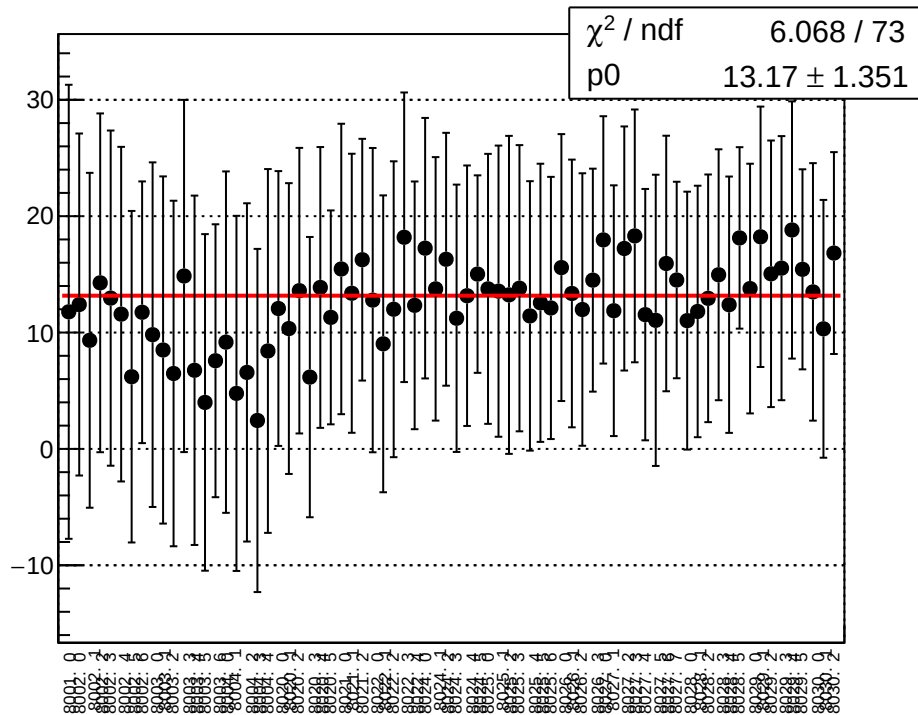
reg\_asym\_sam\_1357\_avg\_diff\_bpm4aY\_slope vs run



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

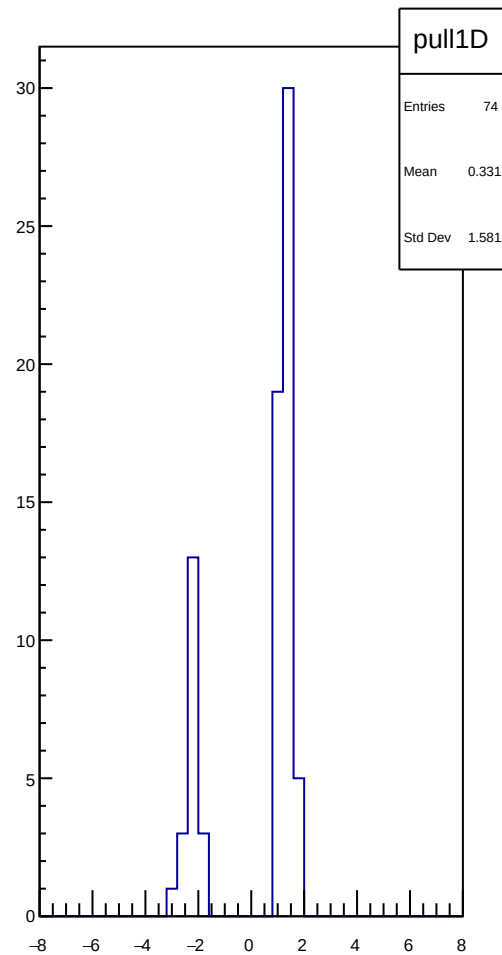
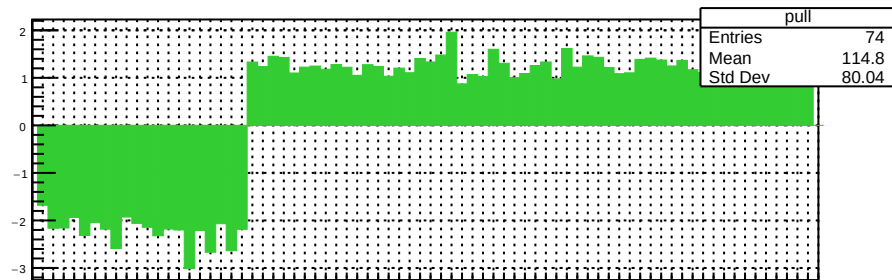
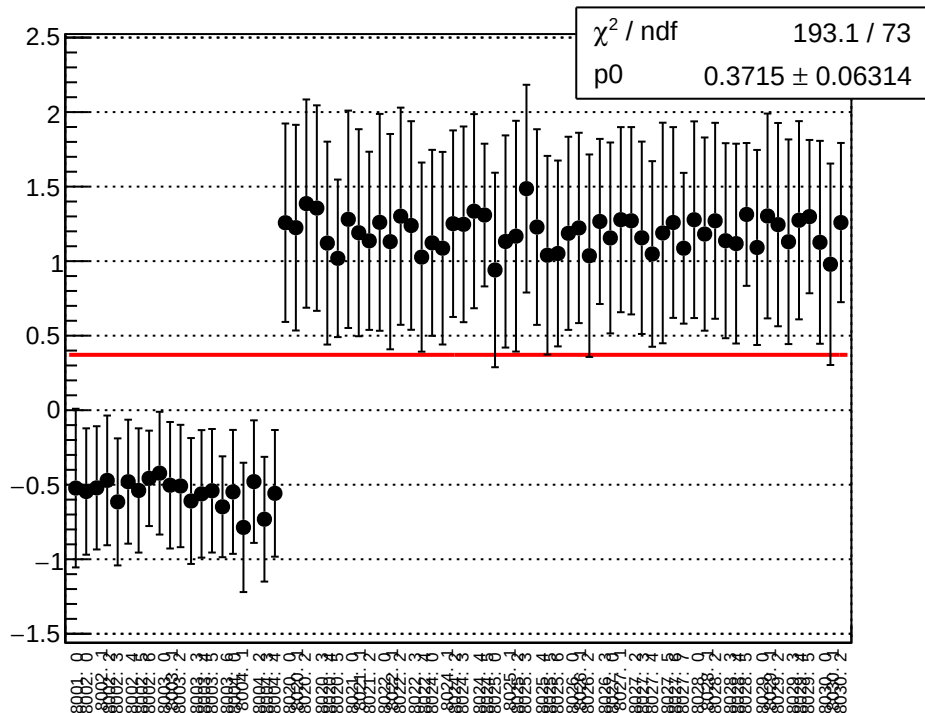


reg\_asym\_sam\_1357\_avg\_diff\_bpm4eY\_slope vs run

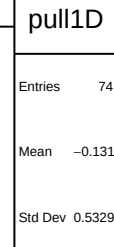
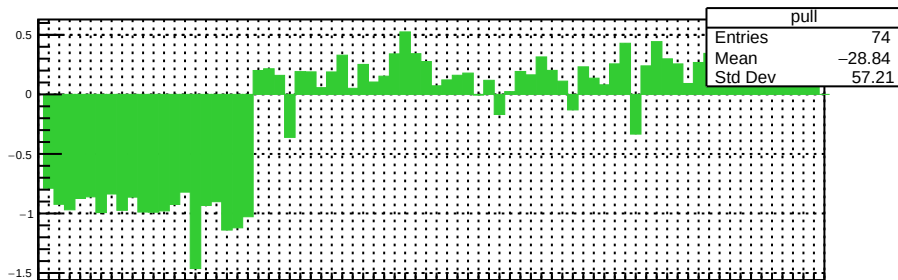
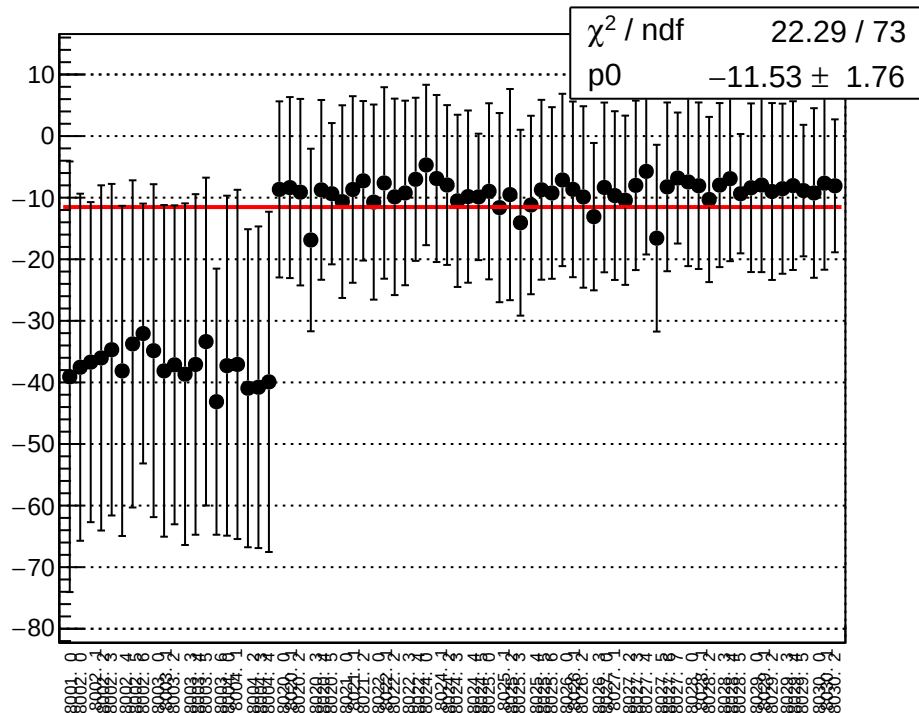




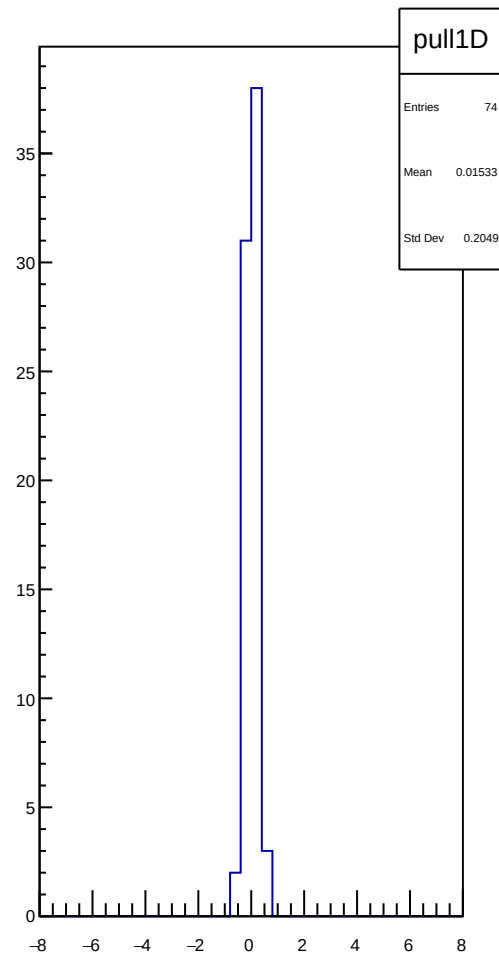
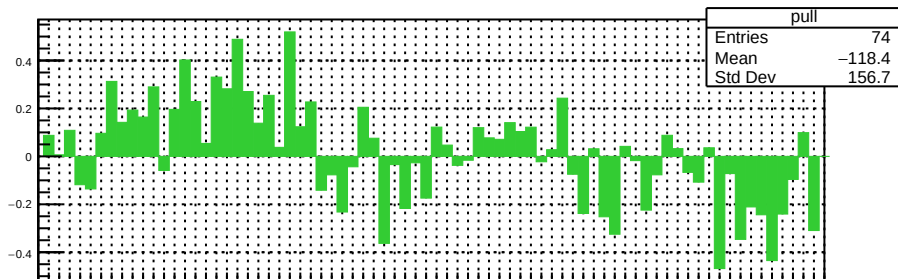
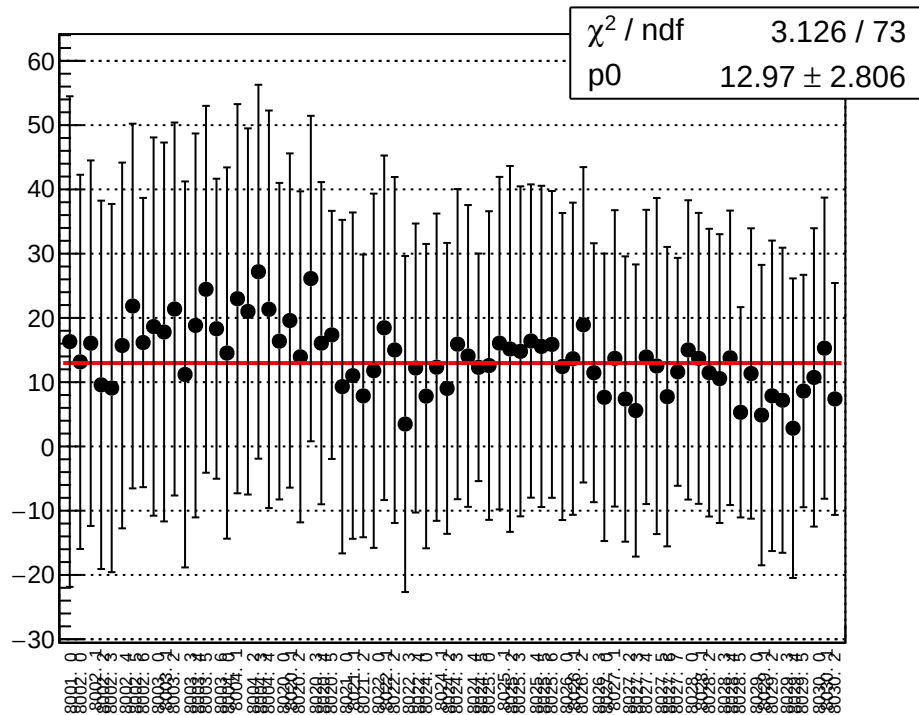
reg\_asym\_sam\_1357\_avg\_diff\_bpm12X\_slope vs run



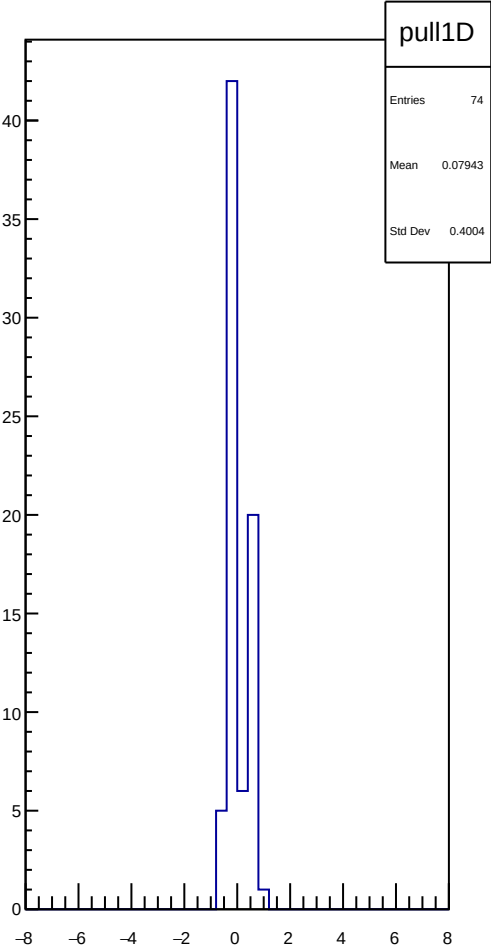
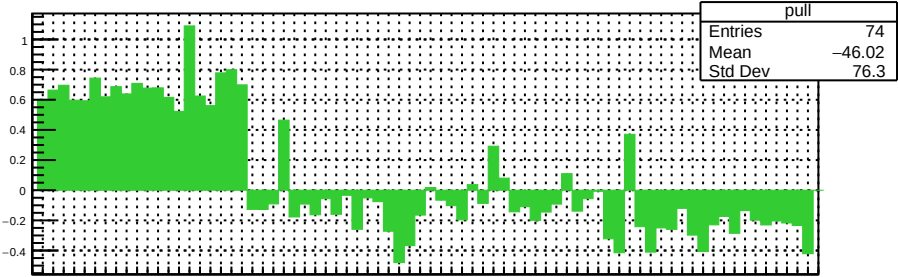
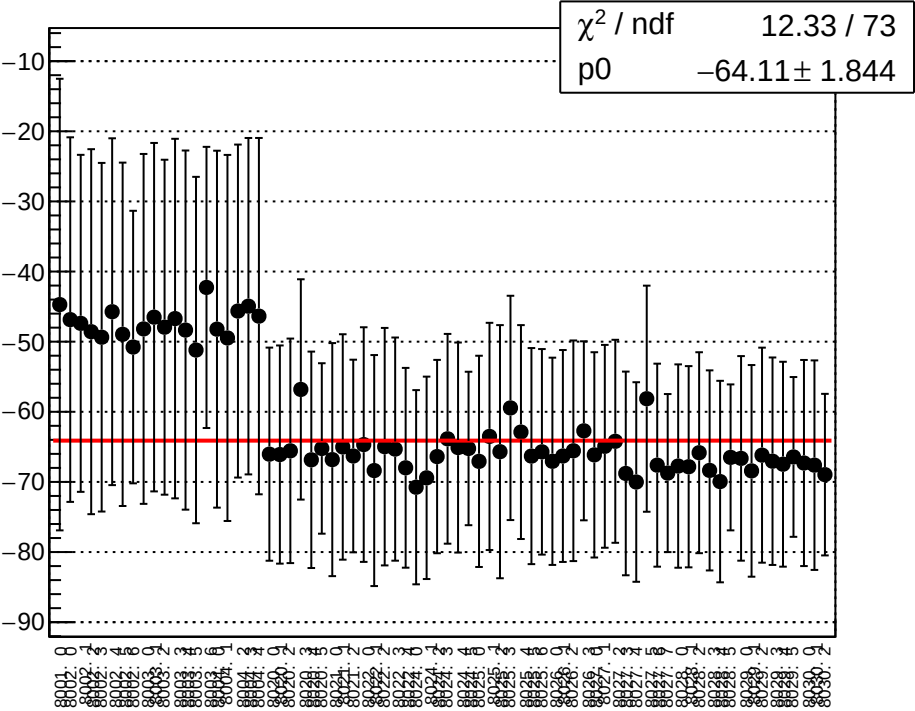
reg\_asym\_sam\_2468\_avg\_diff\_bpm1X\_slope vs run



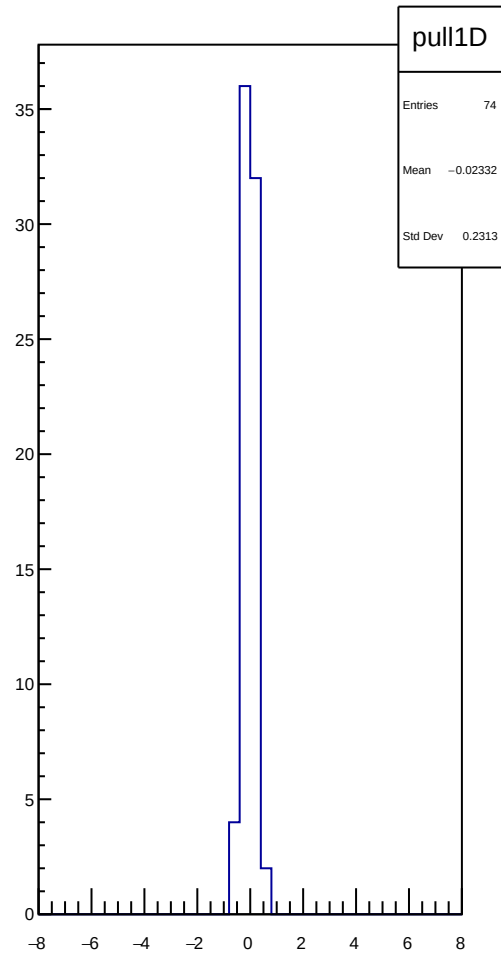
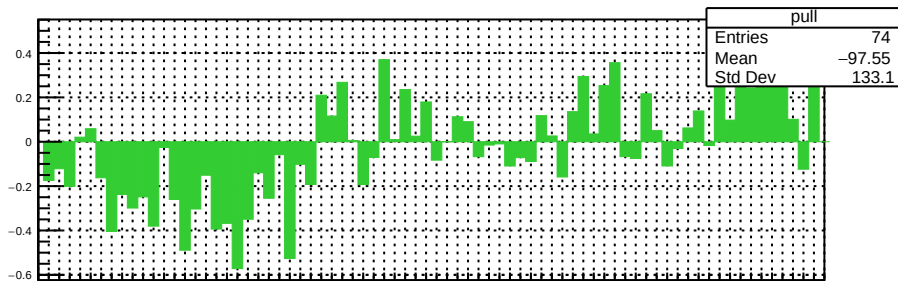
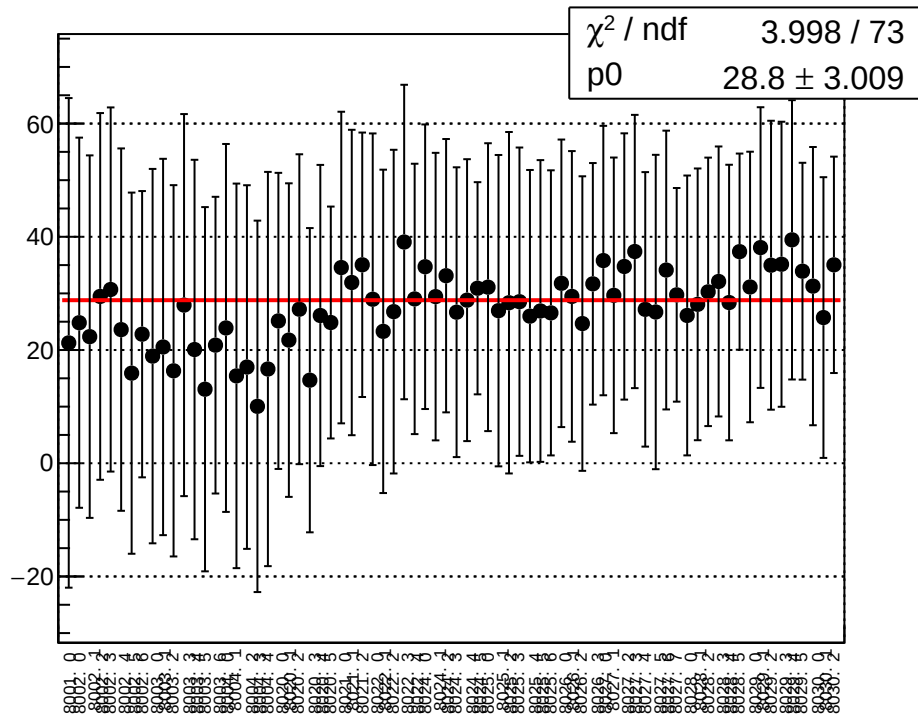
reg\_asym\_sam\_2468\_avg\_diff\_bpm4aY\_slope vs run



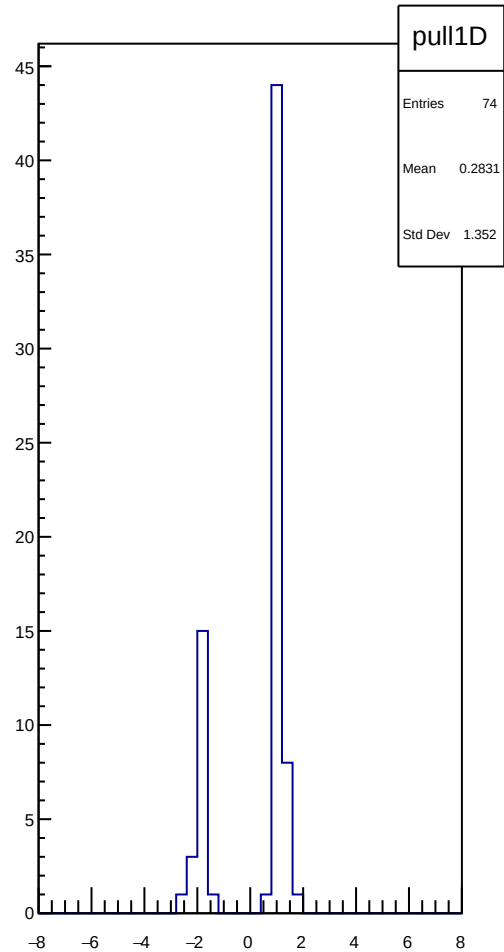
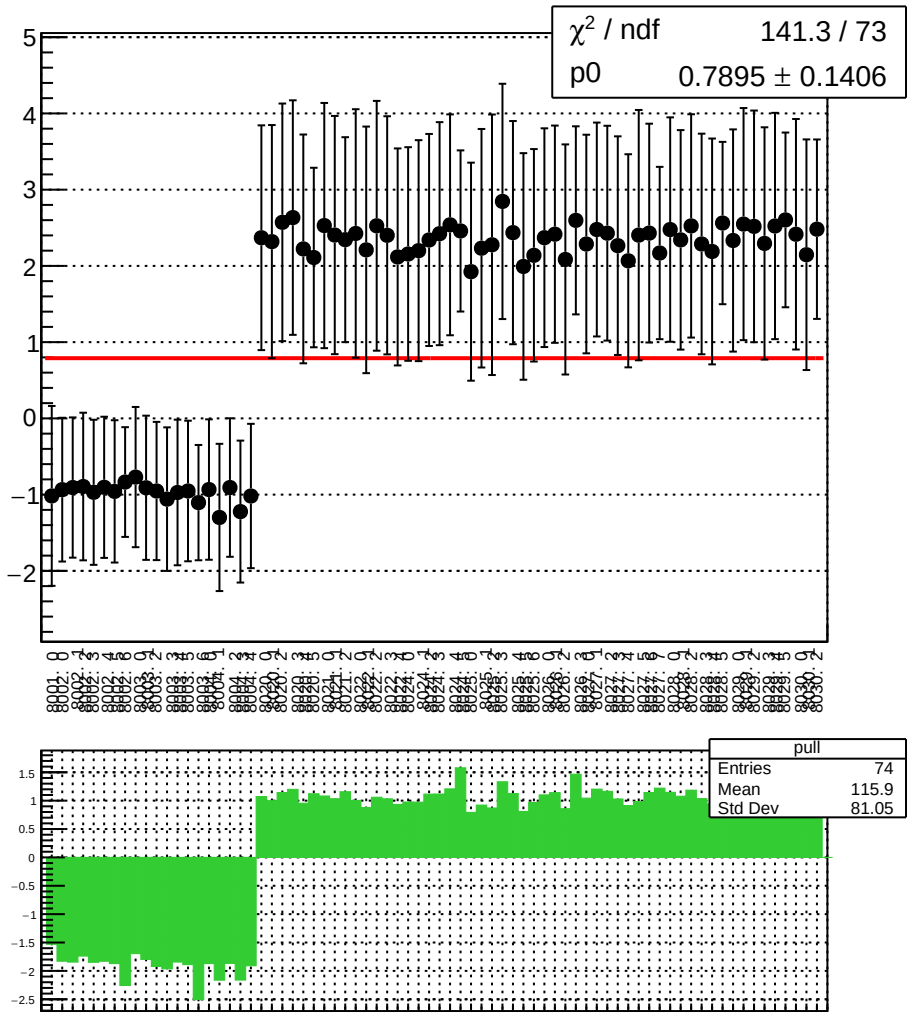
reg\_asym\_sam\_2468\_avg\_diff\_bpm4eX\_slope vs run



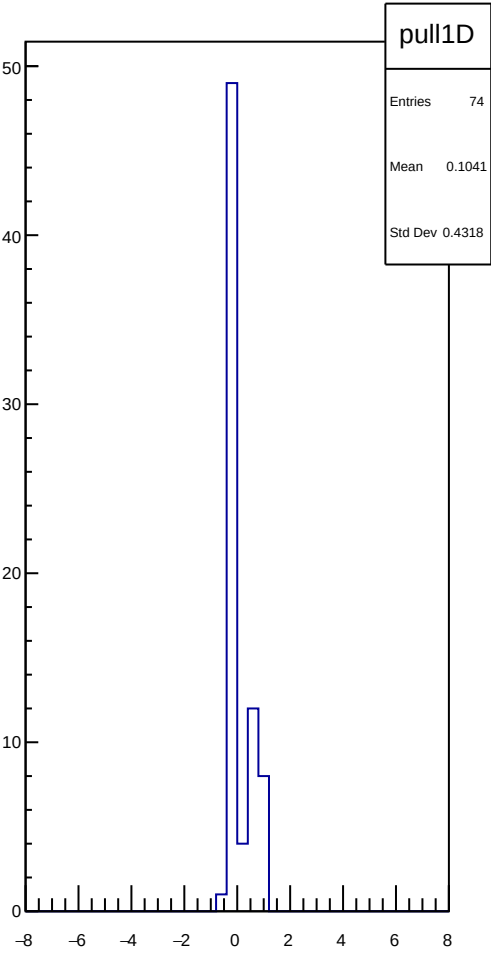
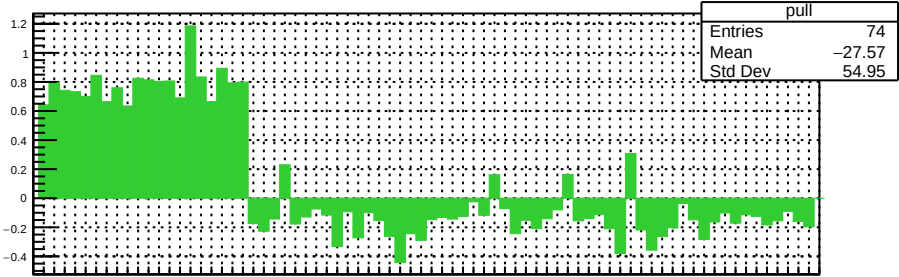
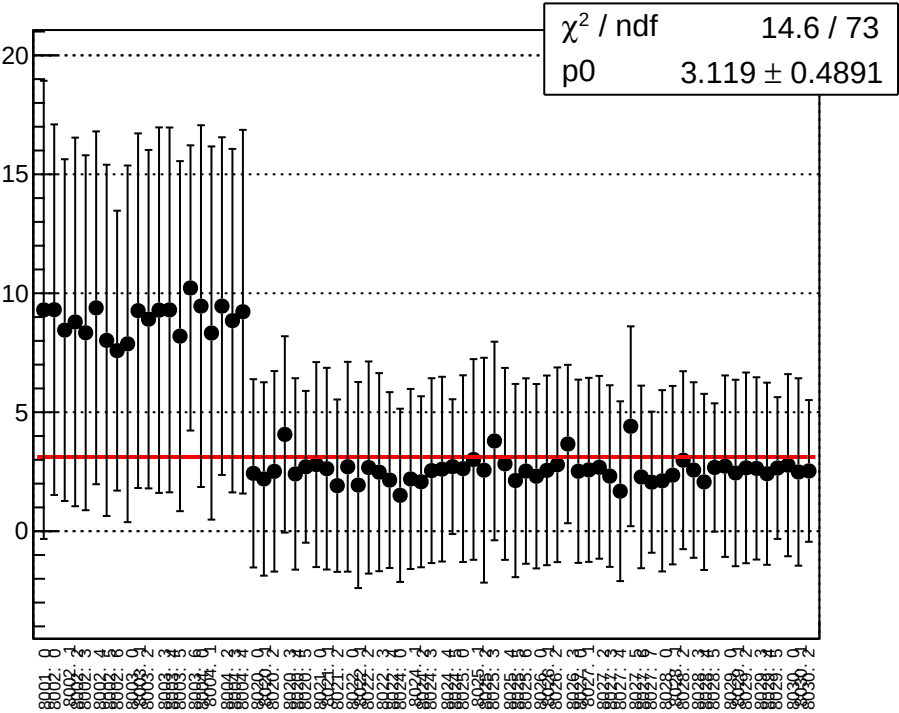
reg\_asym\_sam\_2468\_avg\_diff\_bpm4eY\_slope vs run



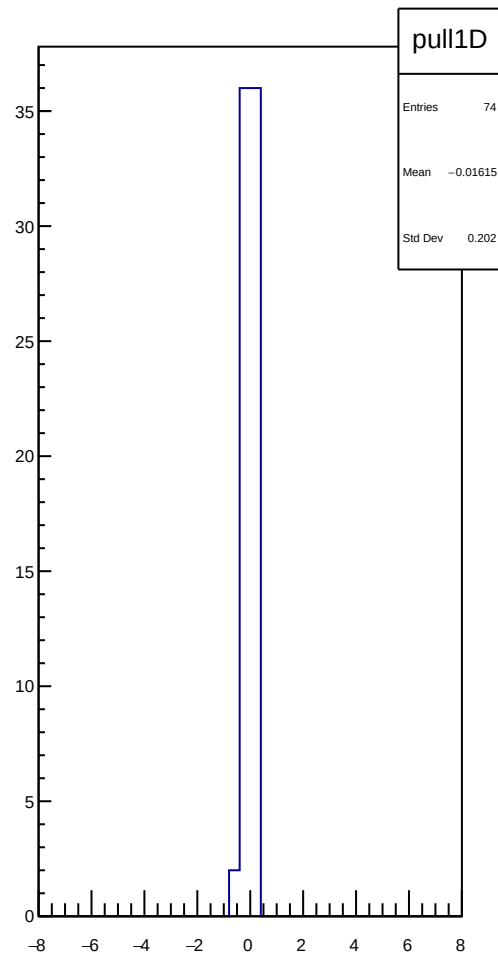
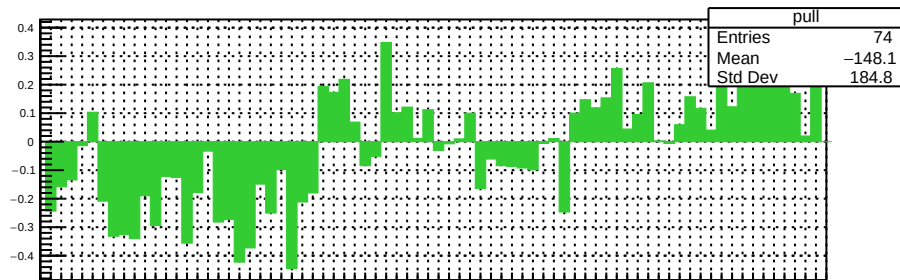
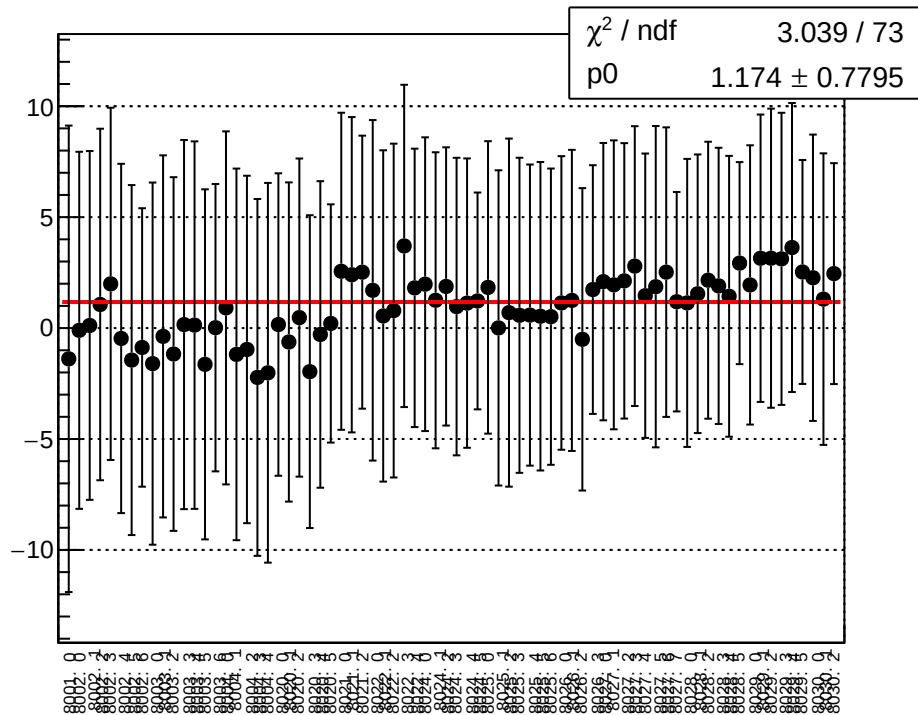
reg\_asym\_sam\_2468\_avg\_diff\_bpm12X\_slope vs run



reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm1X\_slope vs run

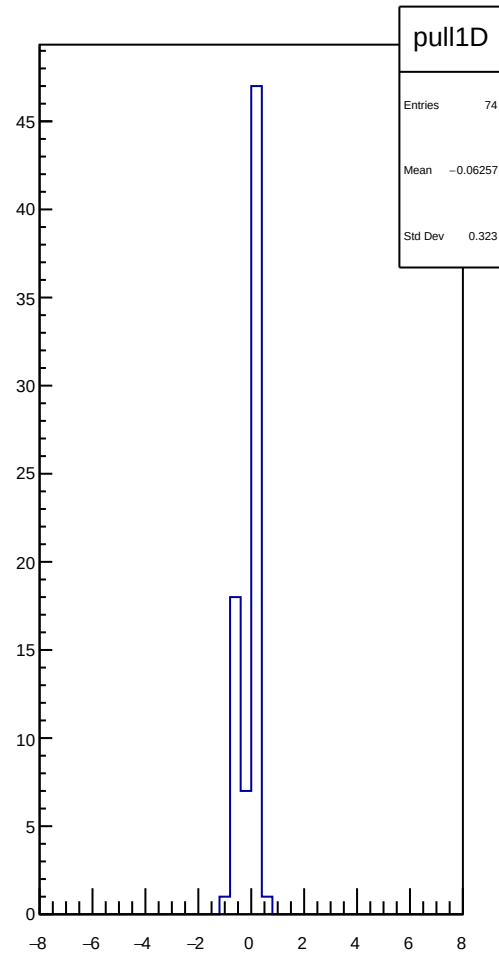
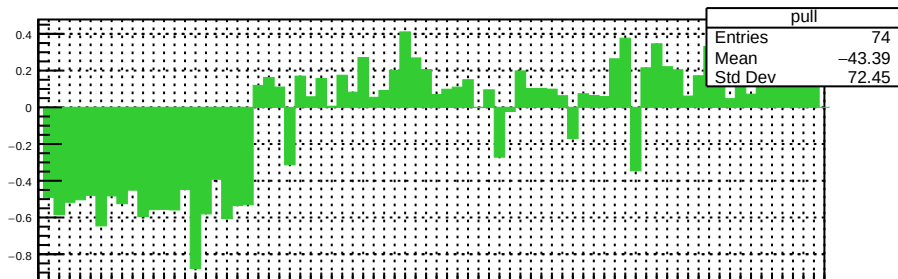
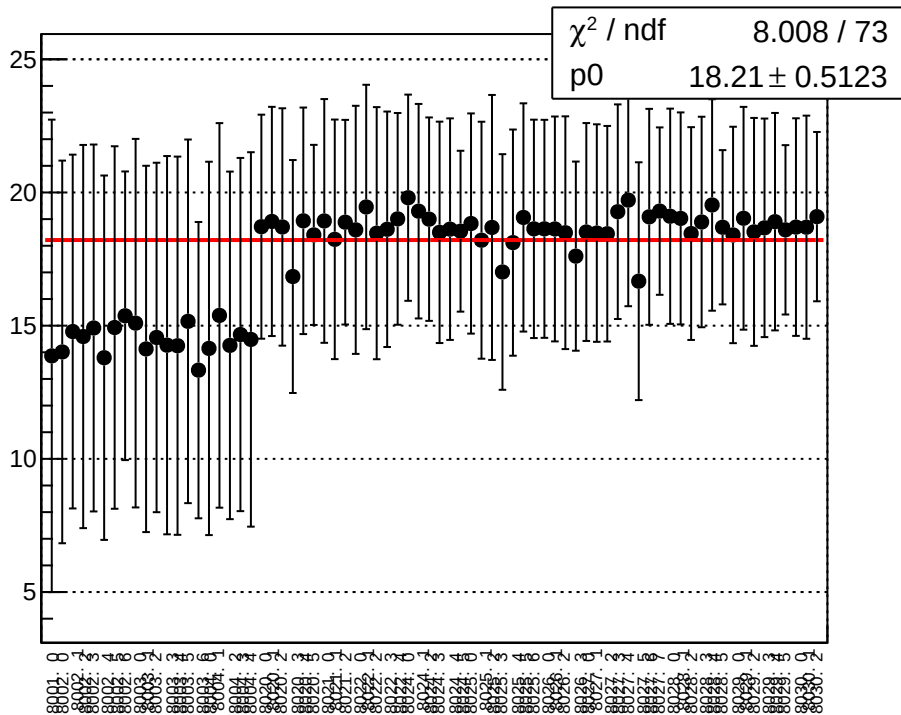


reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm4aY\_slope vs run

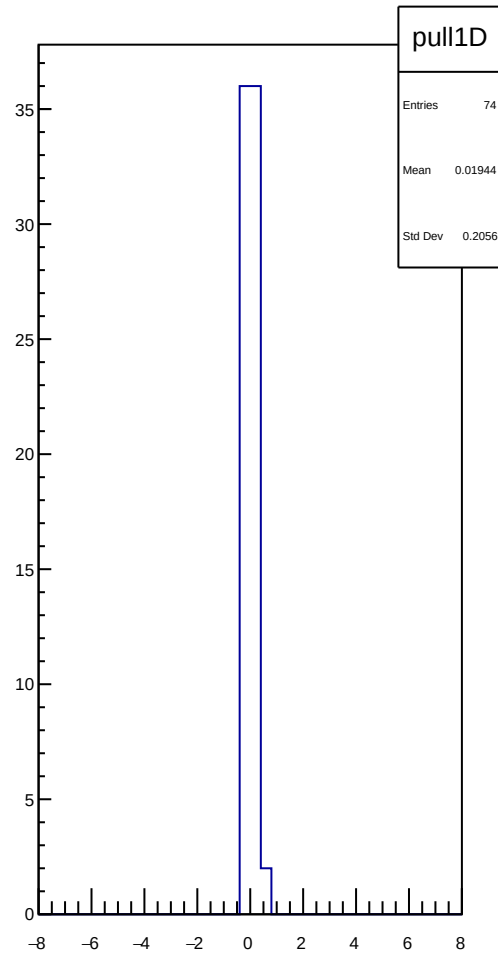
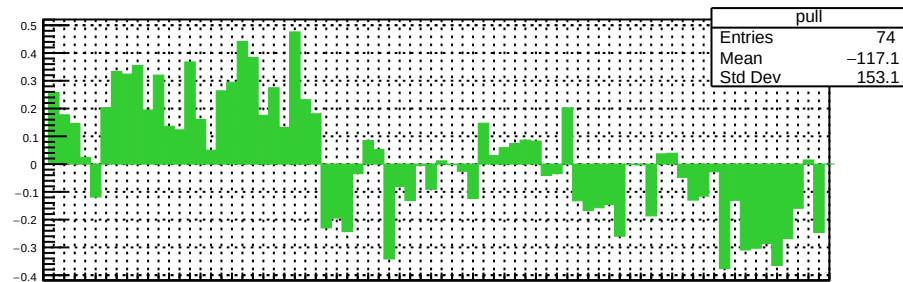
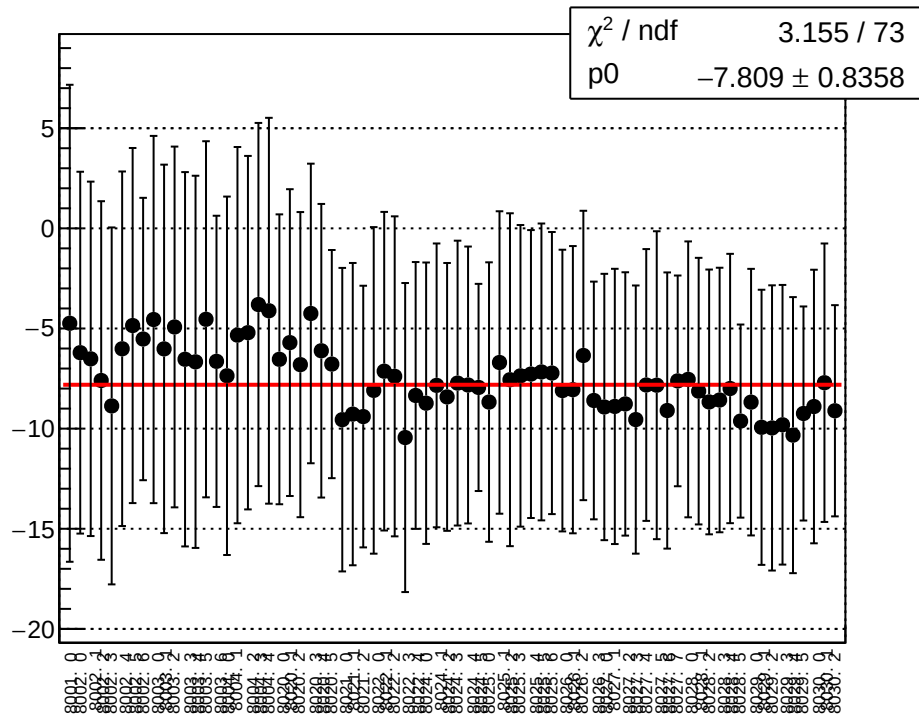




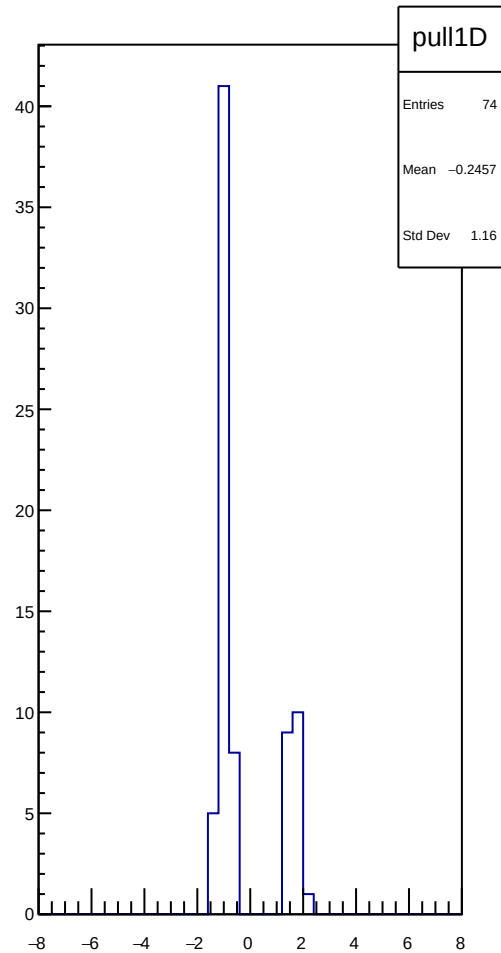
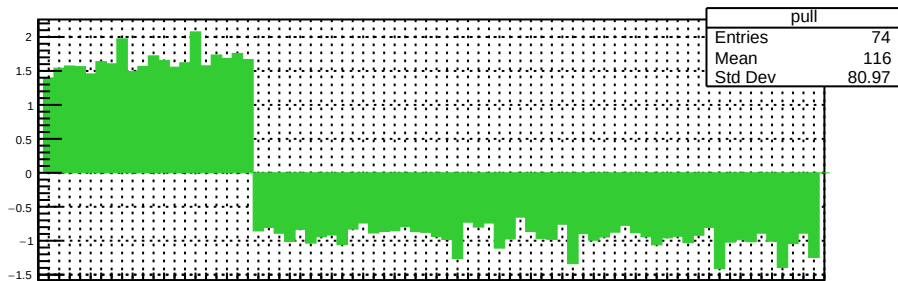
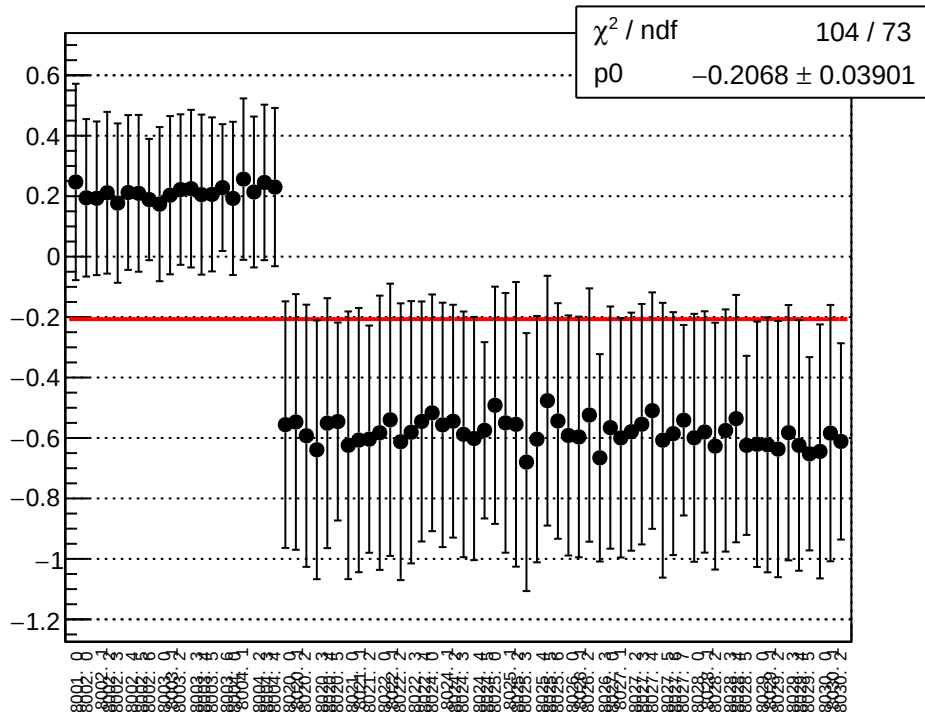
reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm4eX\_slope vs run



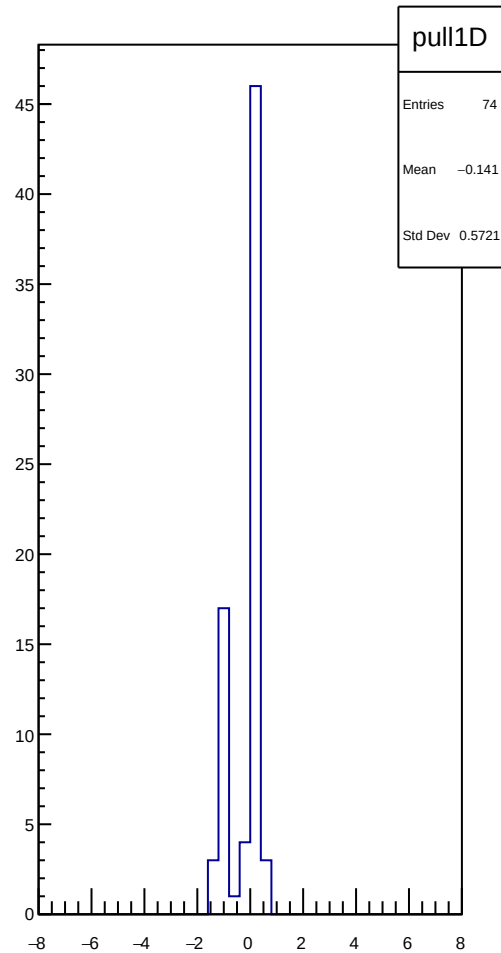
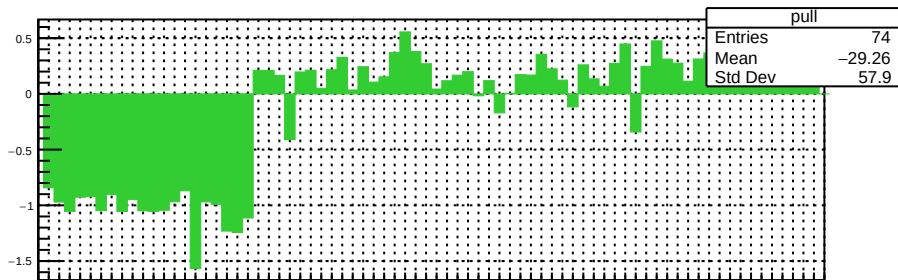
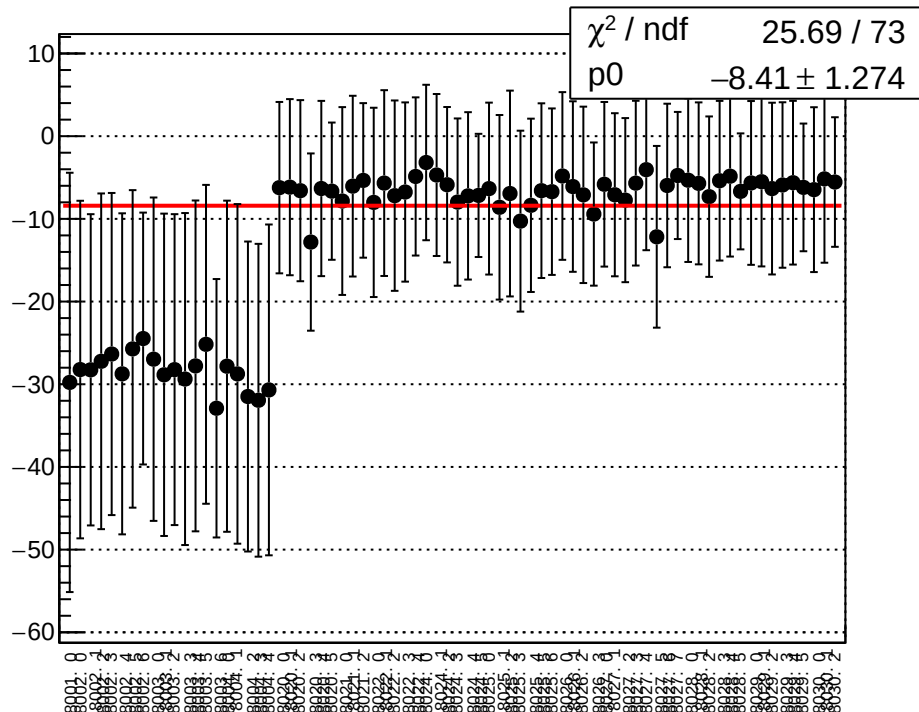
reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm4eY\_slope vs run



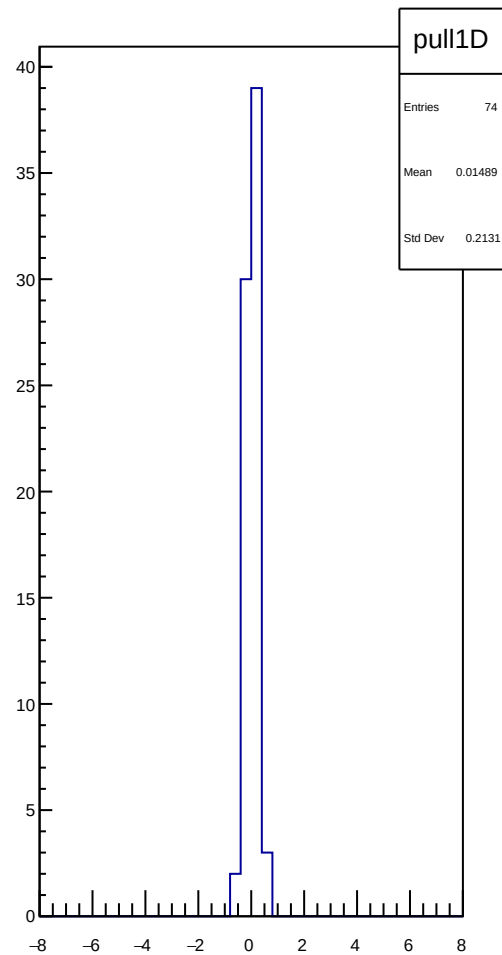
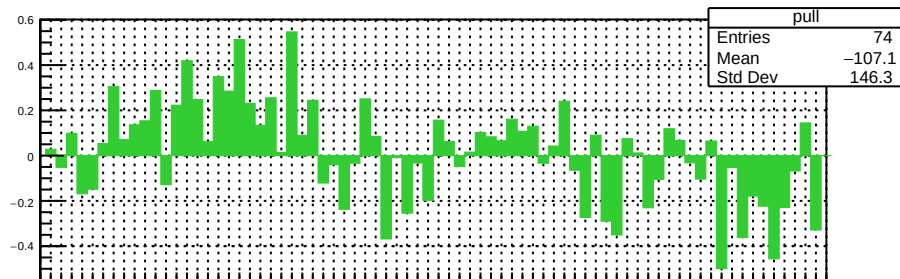
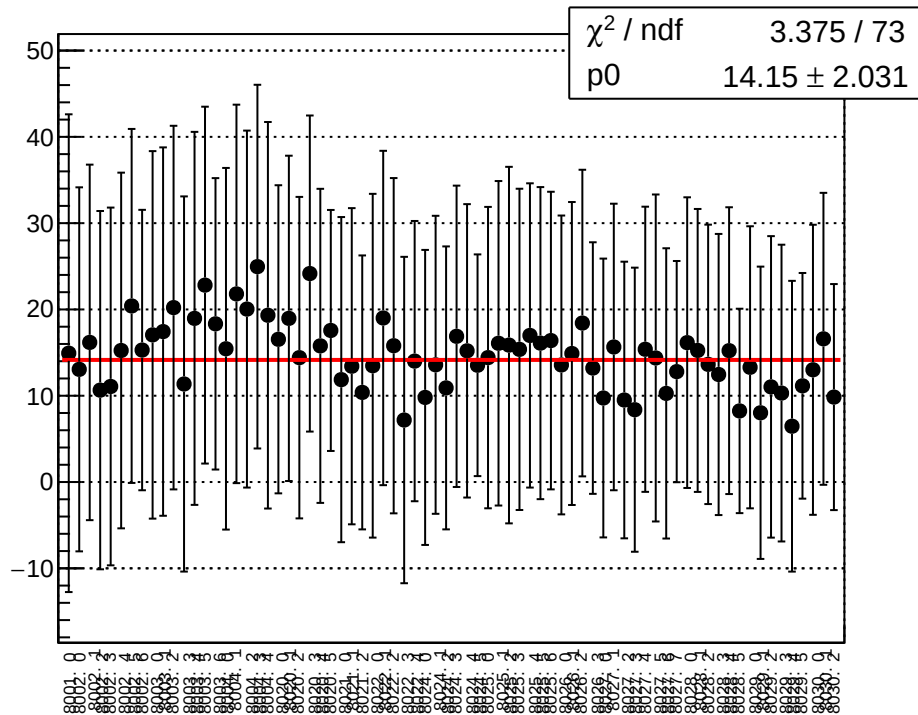
reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm12X\_slope vs run



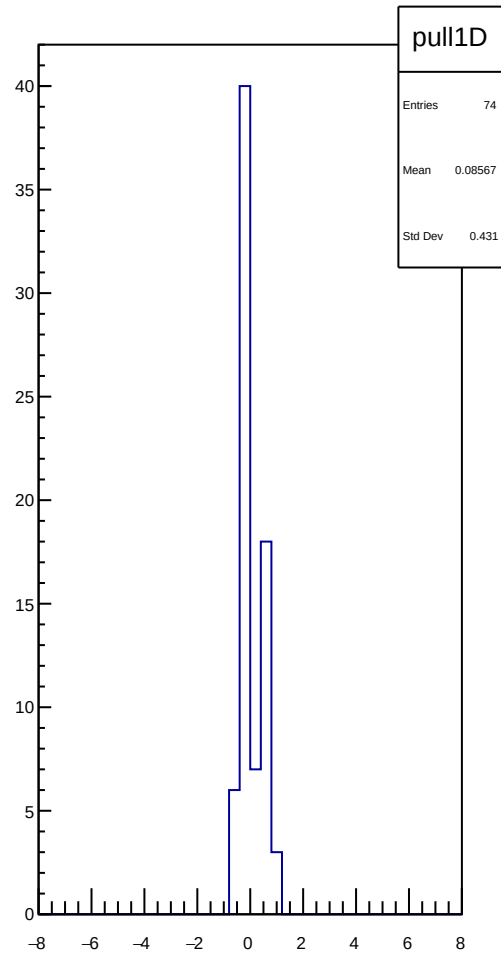
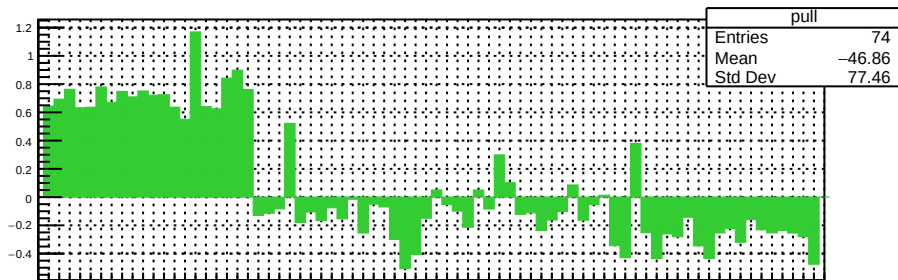
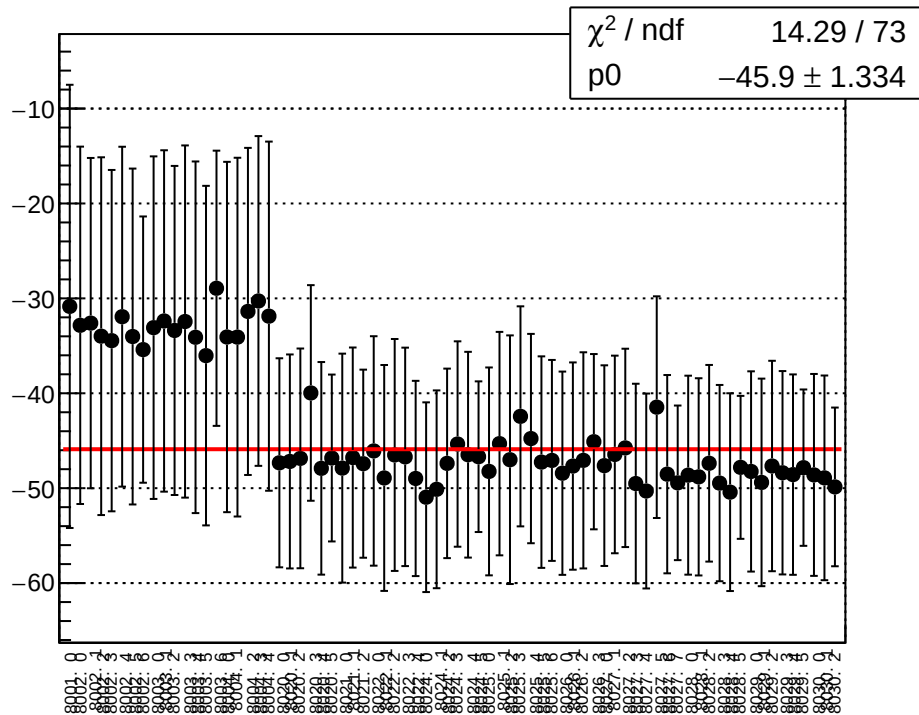
reg\_asym\_sam\_12345678\_avg\_diff\_bpm1X\_slope vs run



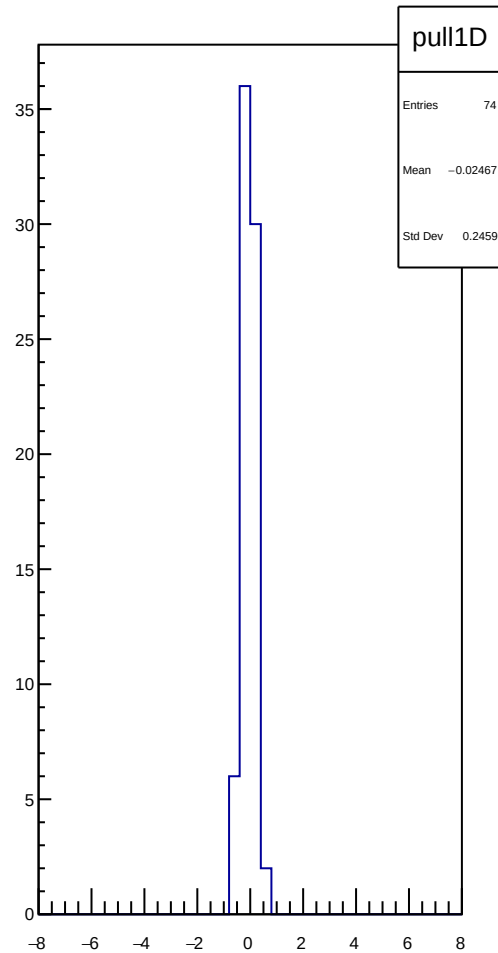
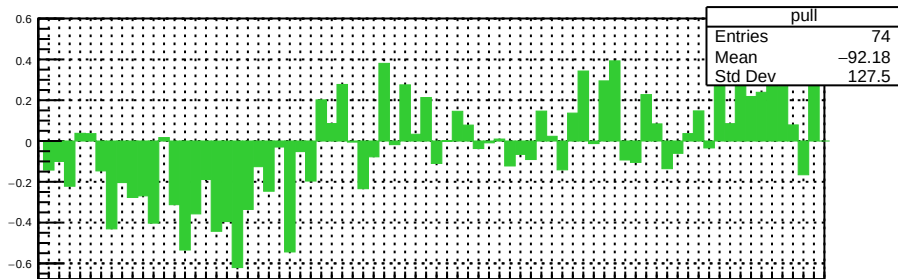
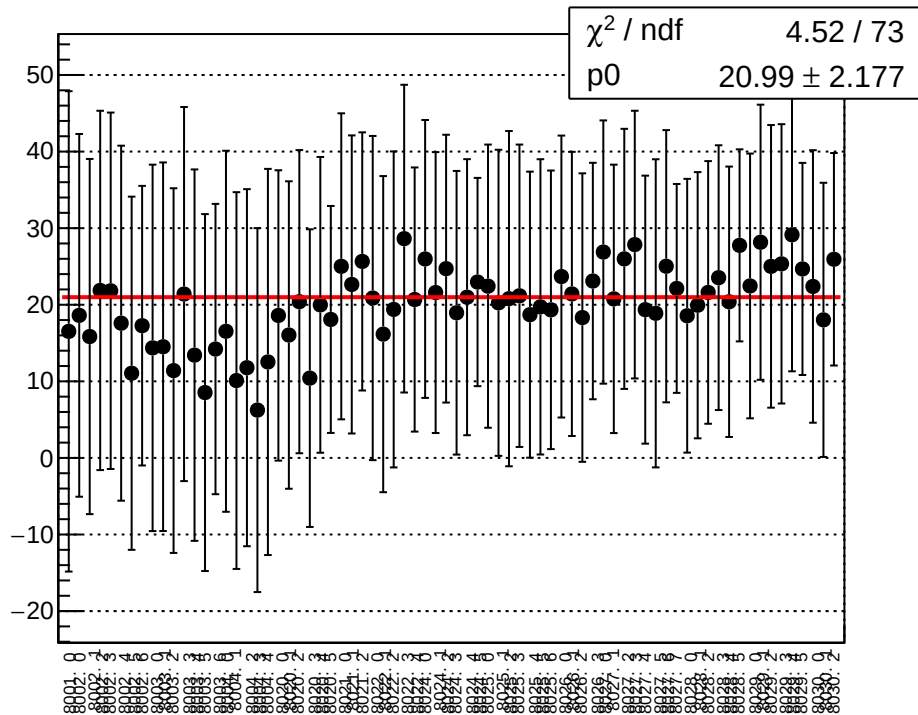
reg\_asym\_sam\_12345678\_avg\_diff\_bpm4aY\_slope vs run



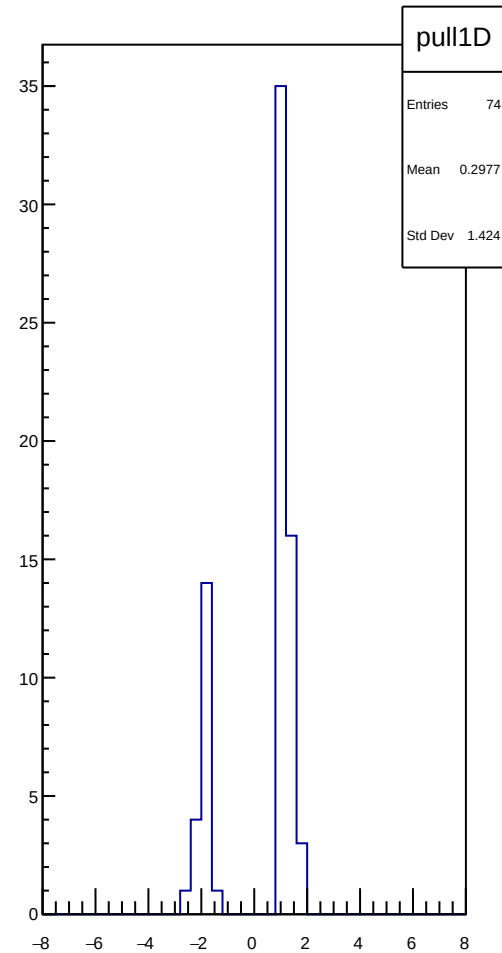
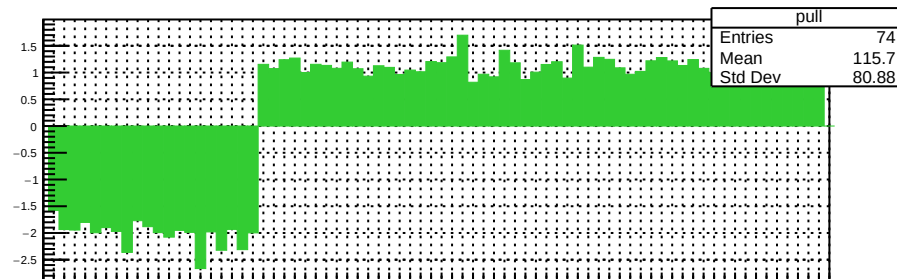
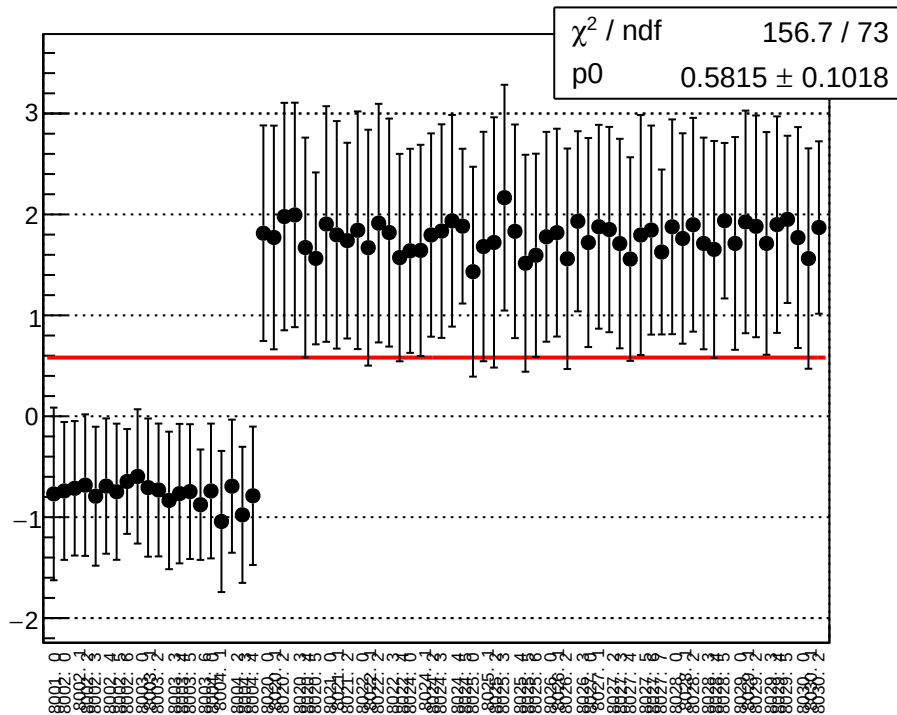
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reg\_asym\_sam\_12345678\_avg\_diff\_bpm4eY\_slope vs run

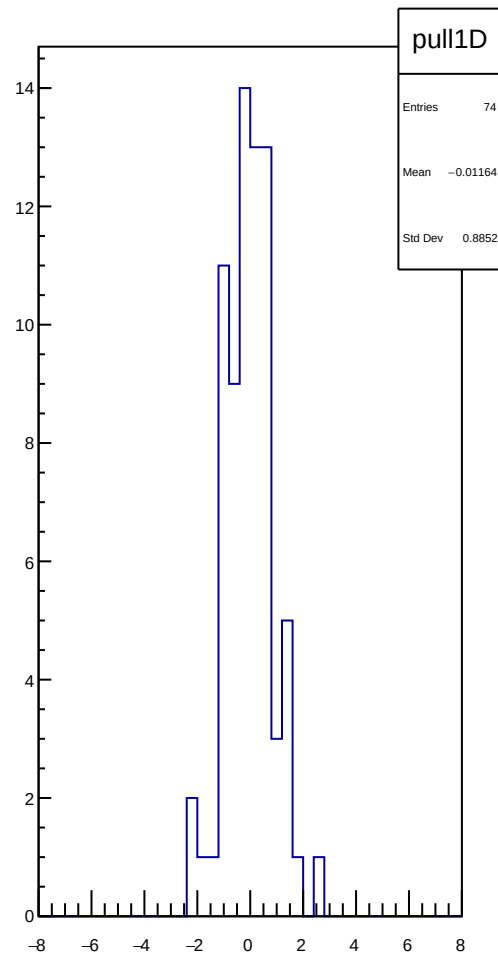
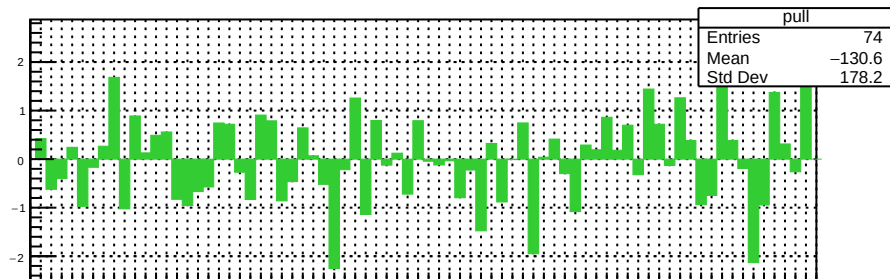
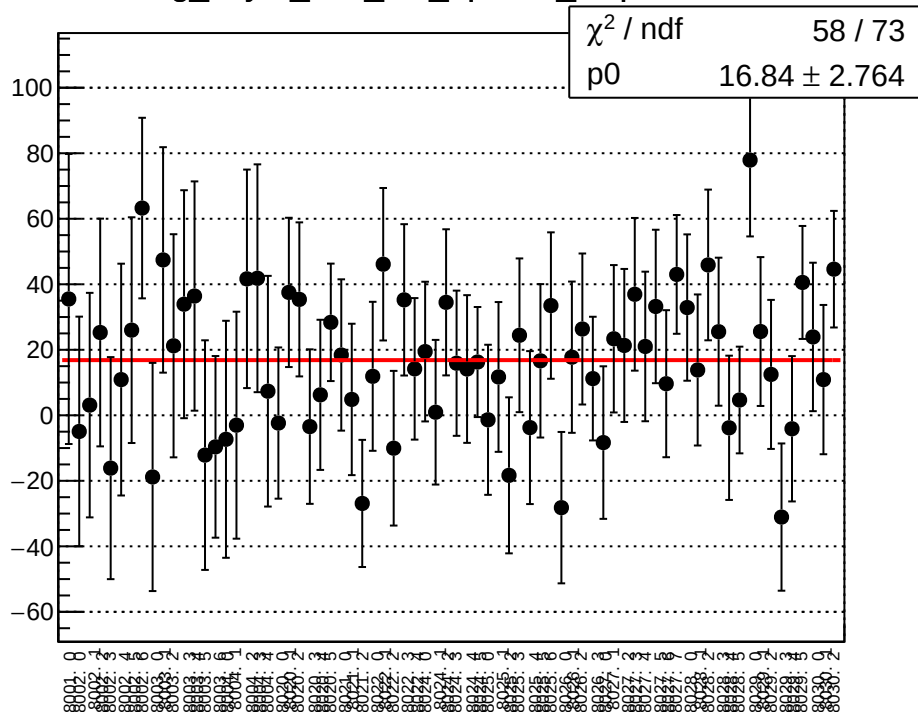


reg\_asym\_sam\_12345678\_avg\_diff\_bpm12X\_slope vs run

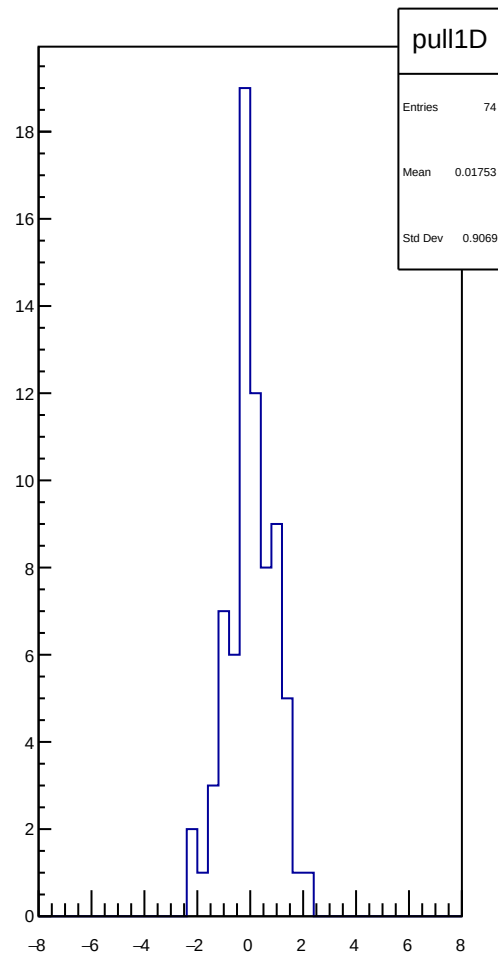
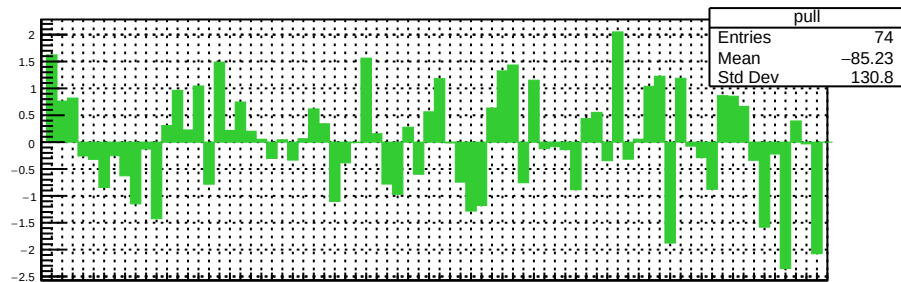
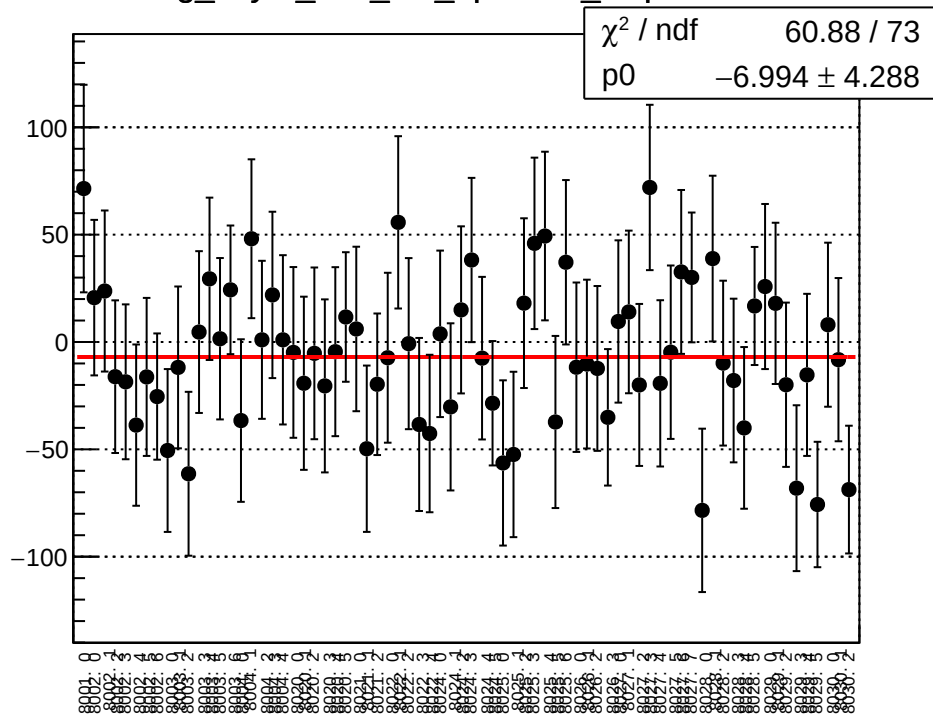




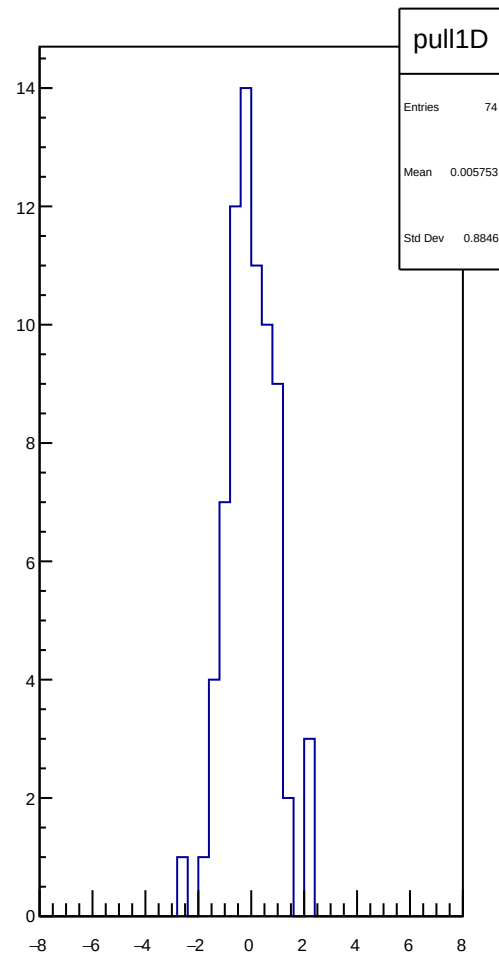
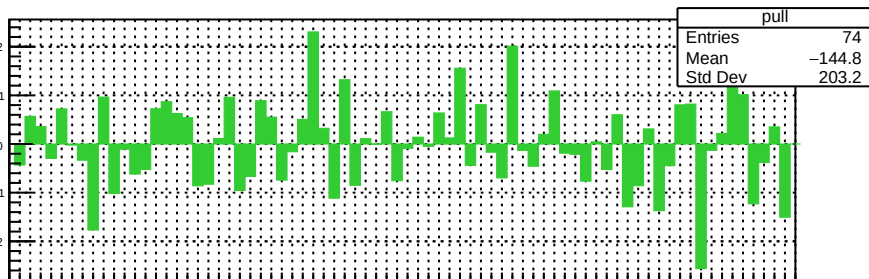
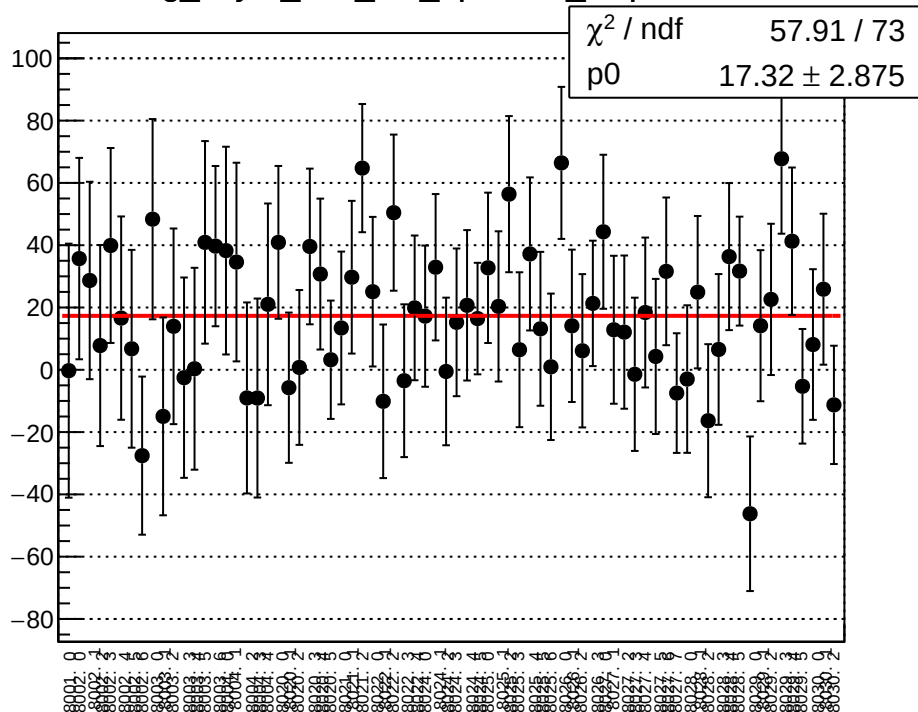
reg\_asym\_atl1\_diff\_bpm1X\_slope vs run



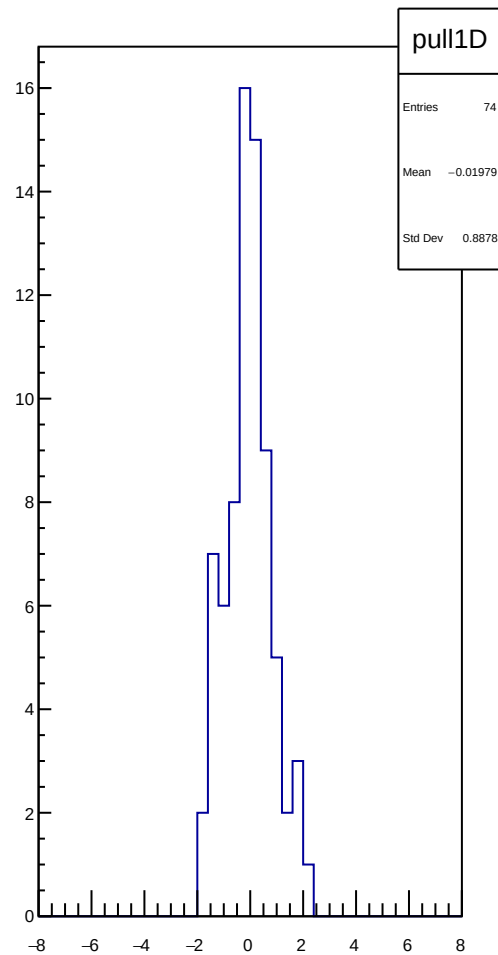
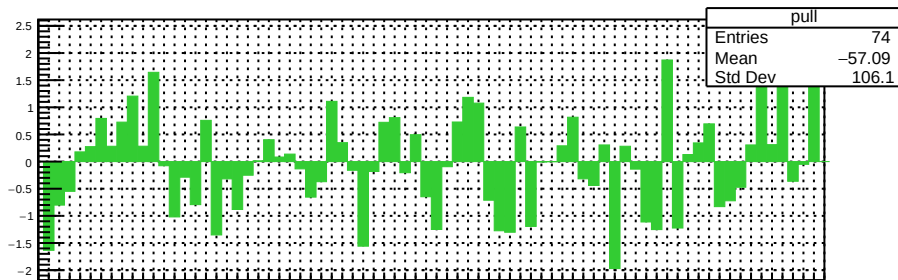
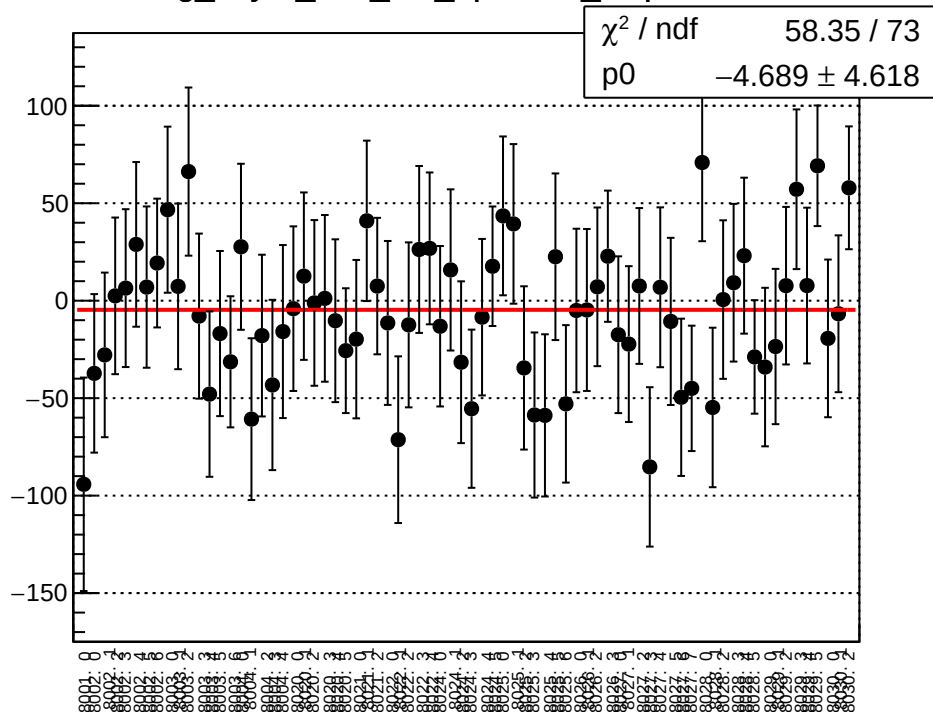
reg\_asym\_atl1\_diff\_bpm4aY\_slope vs run



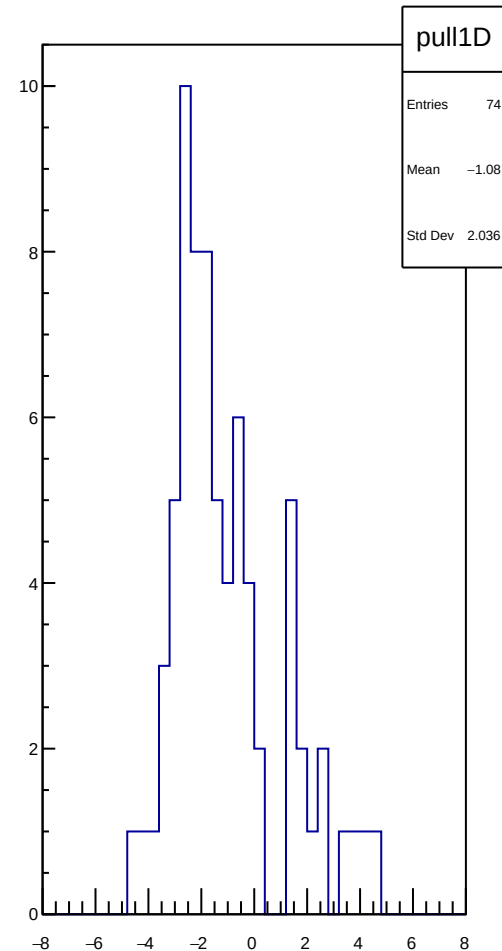
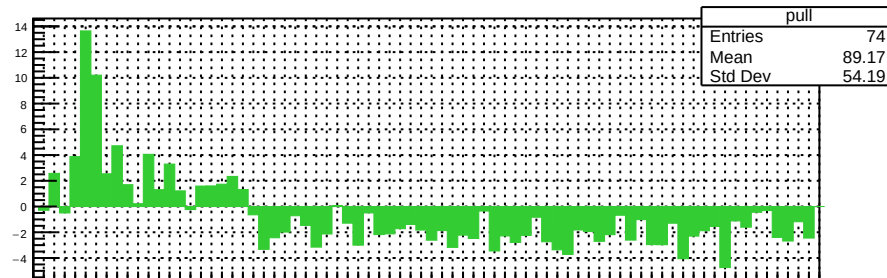
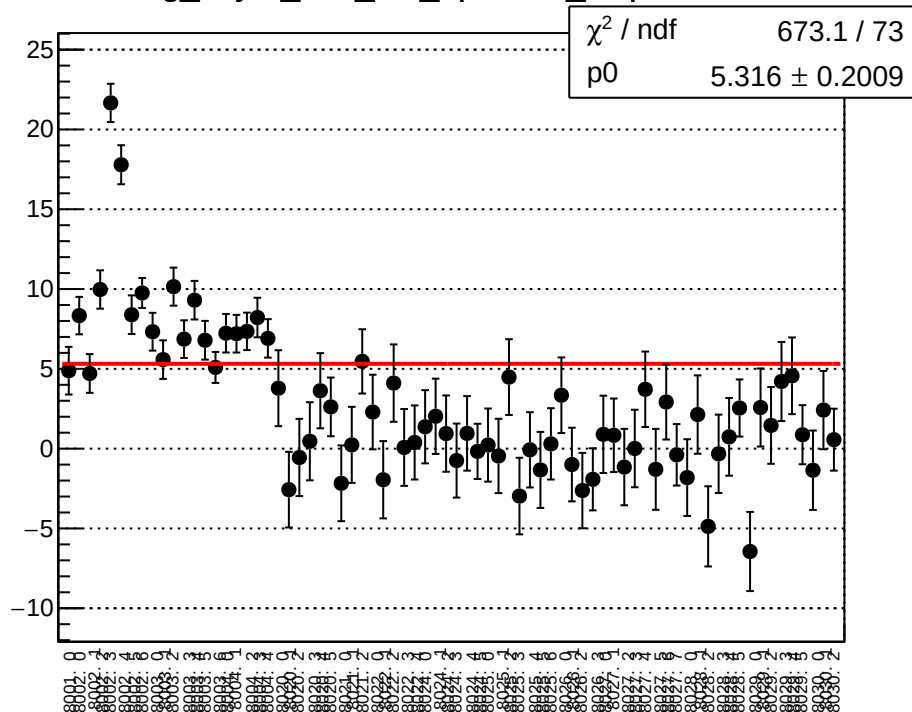
reg\_asym\_atl1\_diff\_bpm4eX\_slope vs run



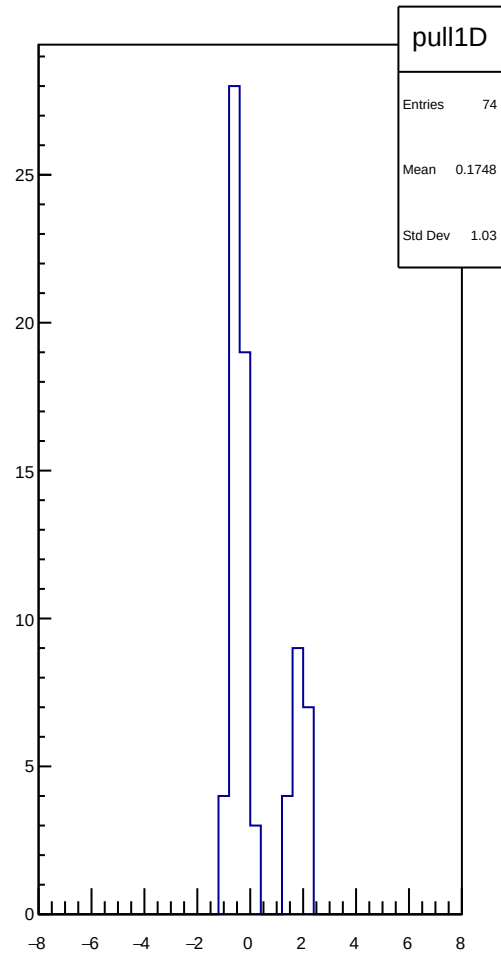
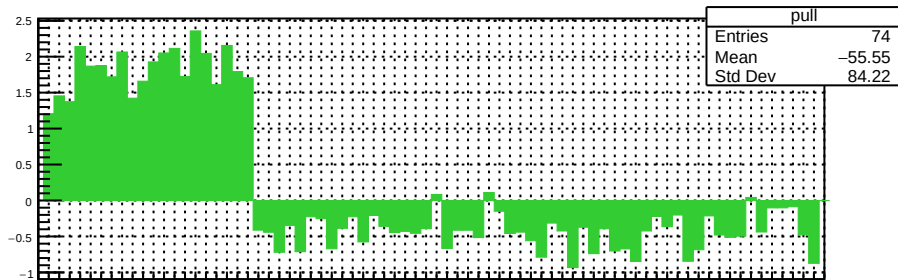
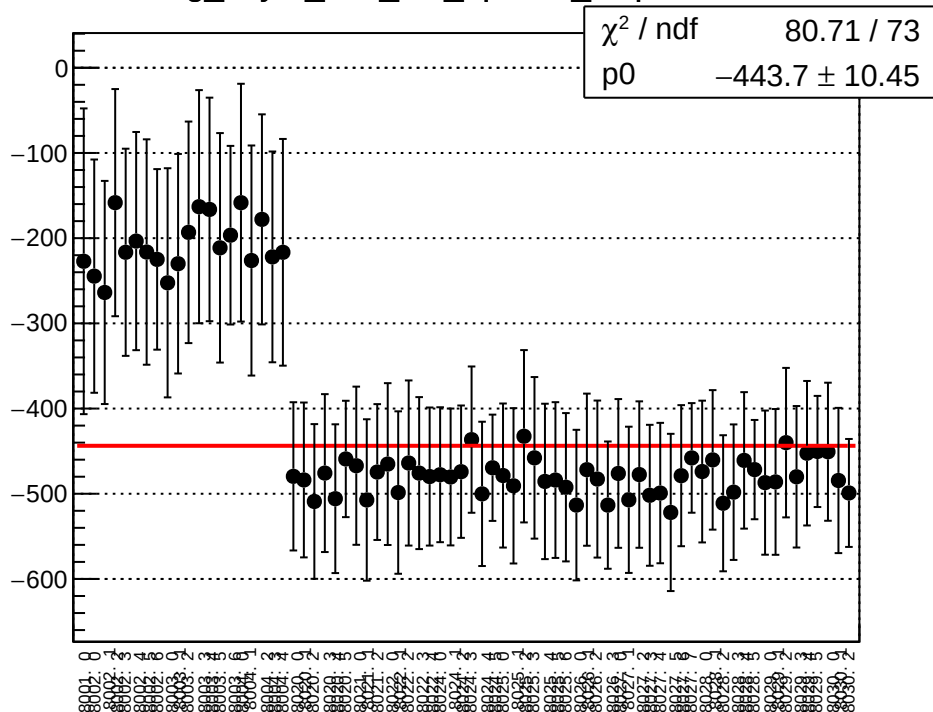
reg\_asym\_atl1\_diff\_bpm4eY\_slope vs run



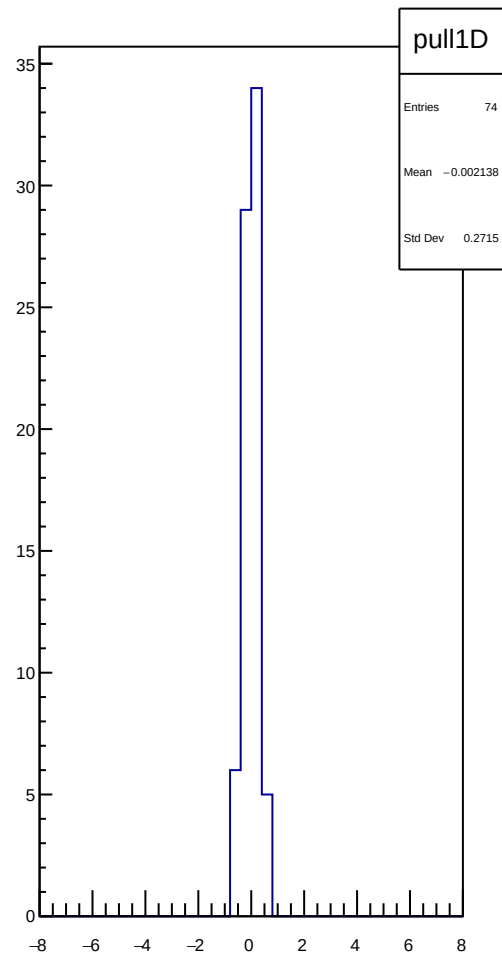
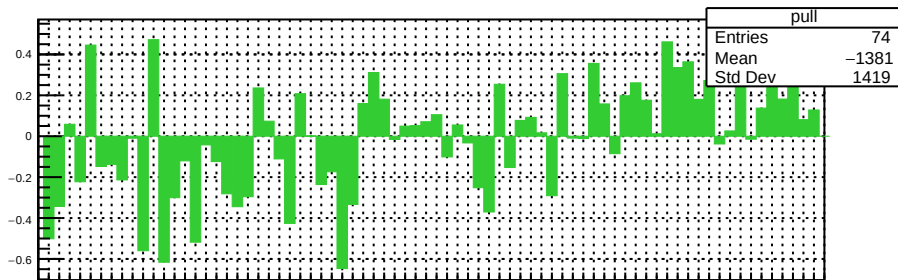
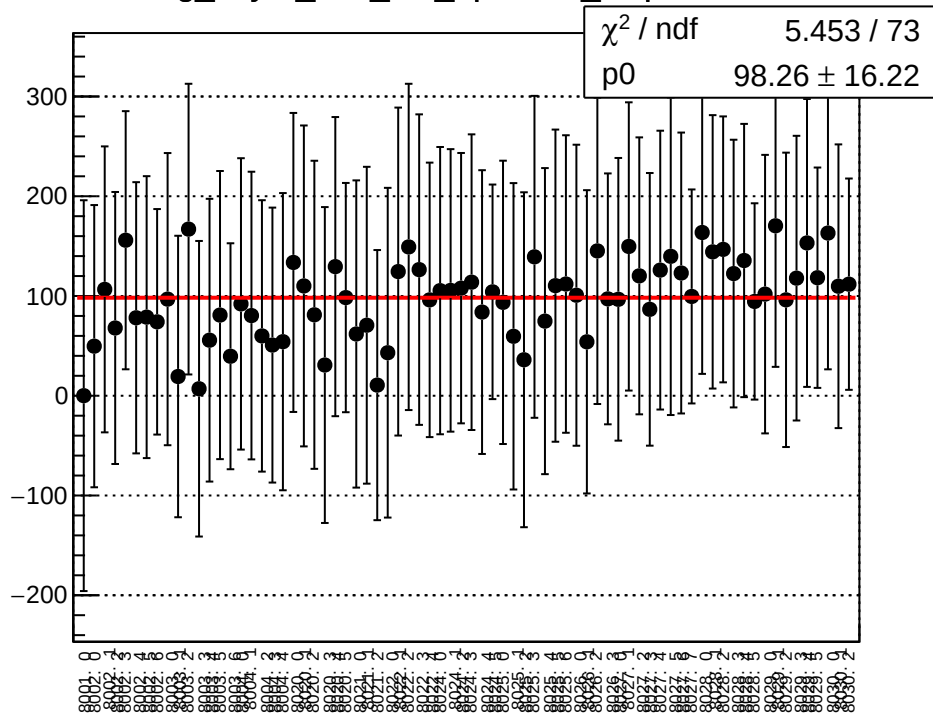
reg\_asym\_atl1\_diff\_bpm12X\_slope vs run



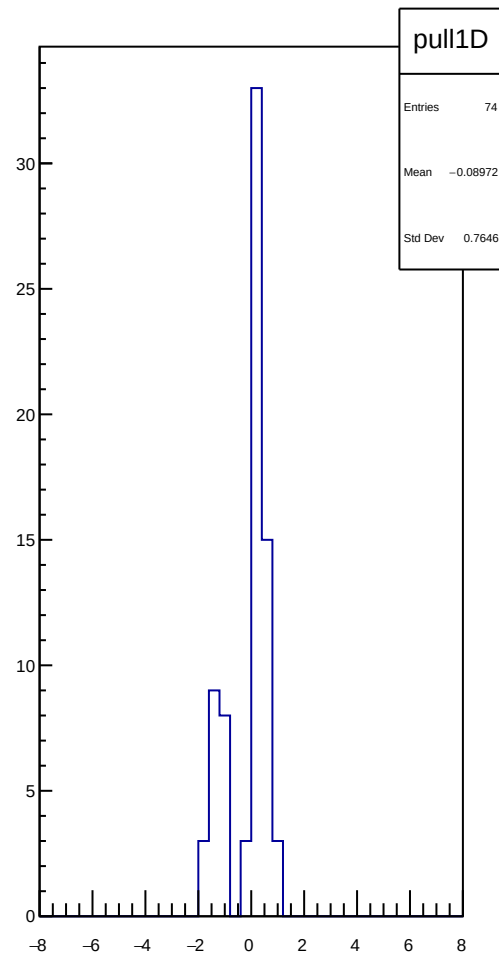
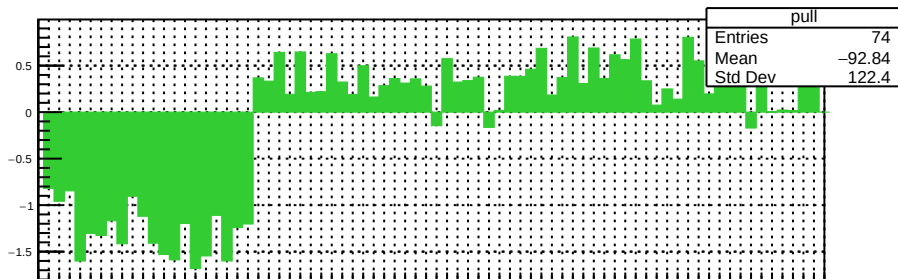
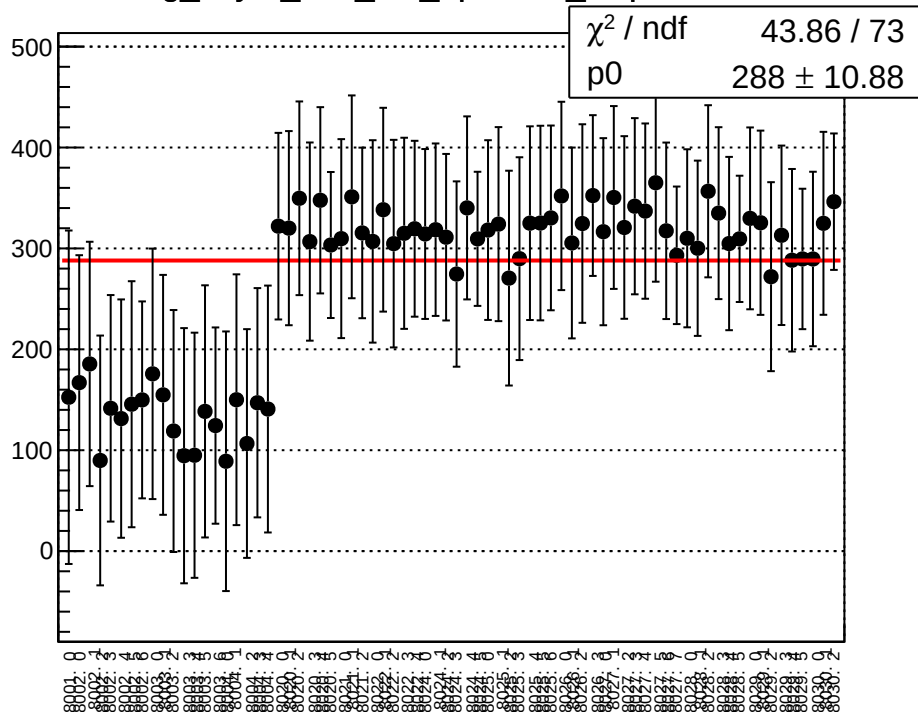
reg\_asym\_atl2\_diff\_bpm1X\_slope vs run



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

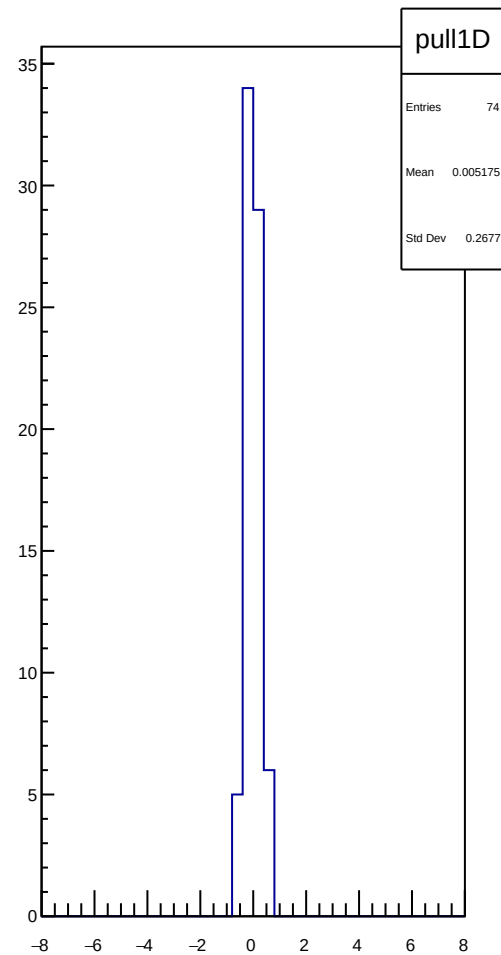
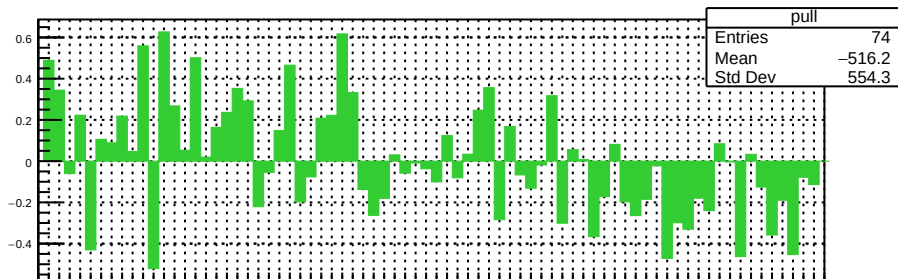
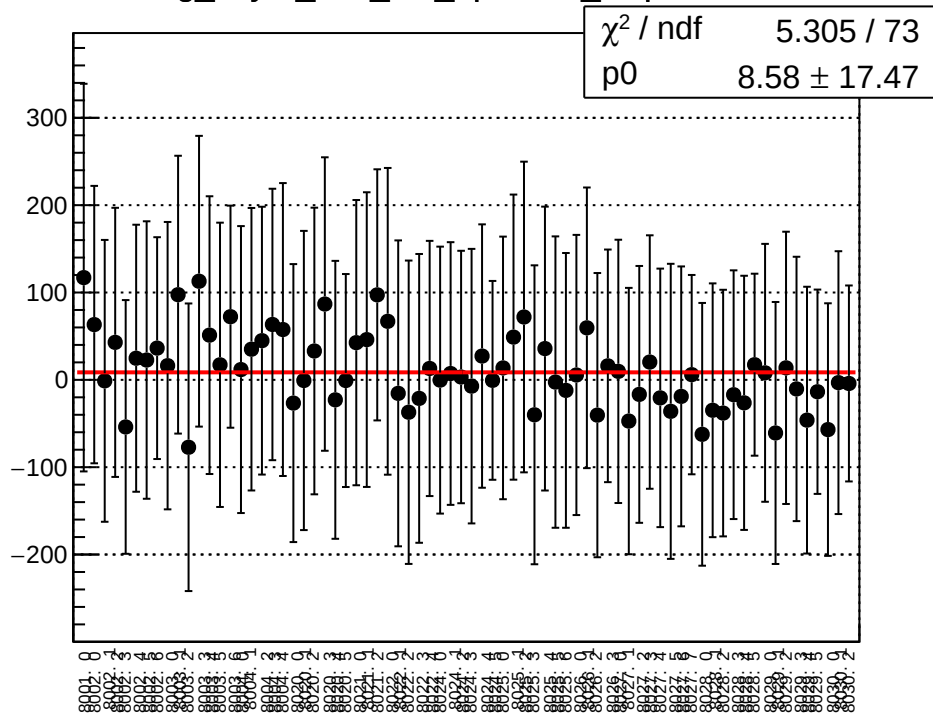


reg\_asym\_atl2\_diff\_bpm4eX\_slope vs run

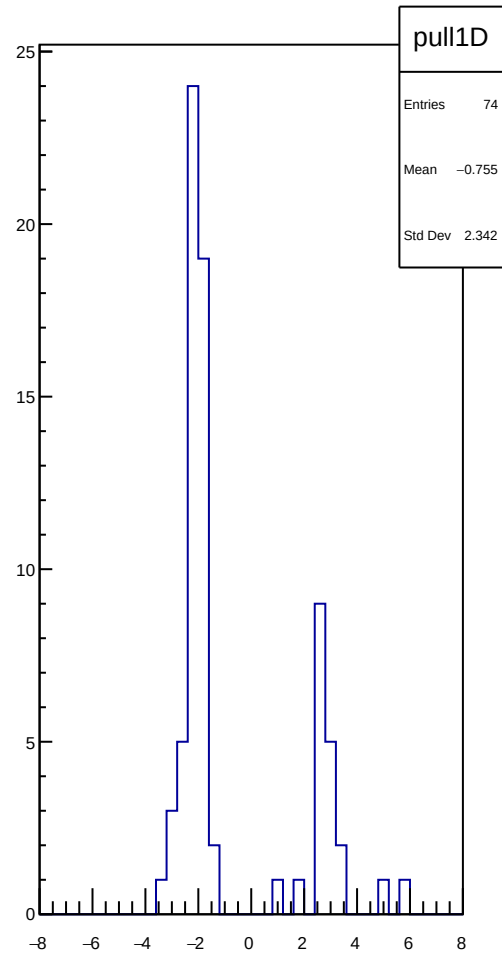
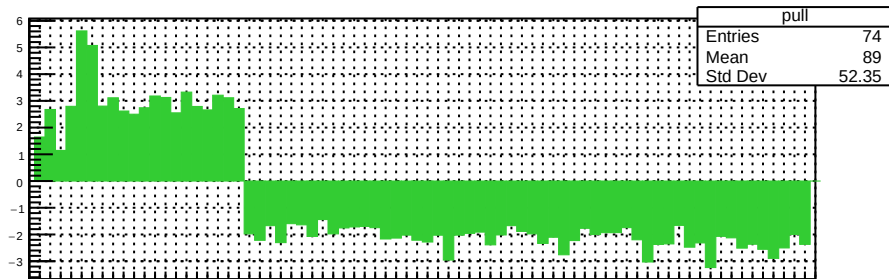
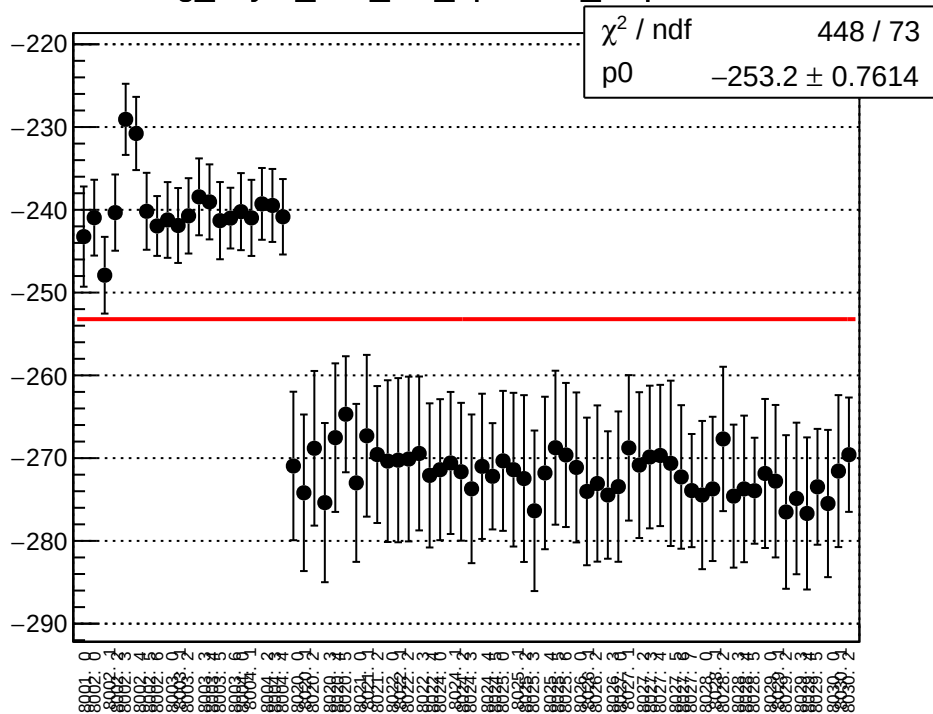




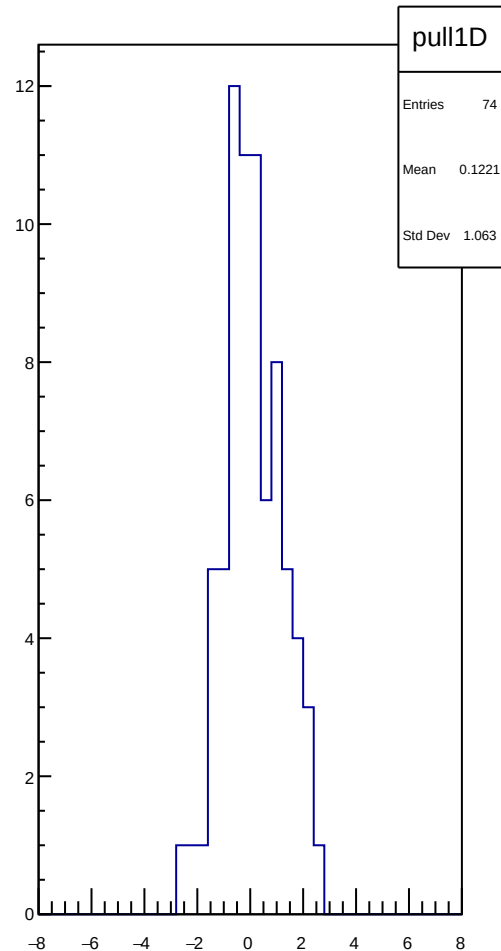
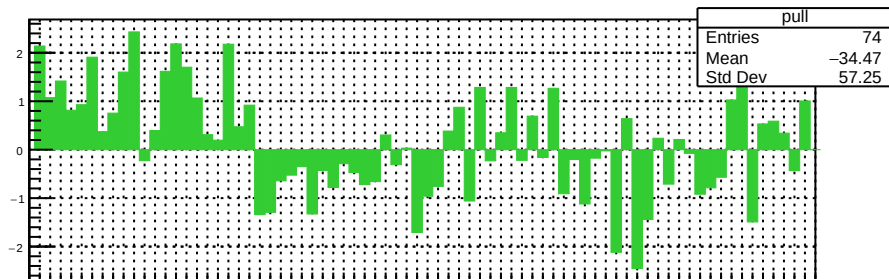
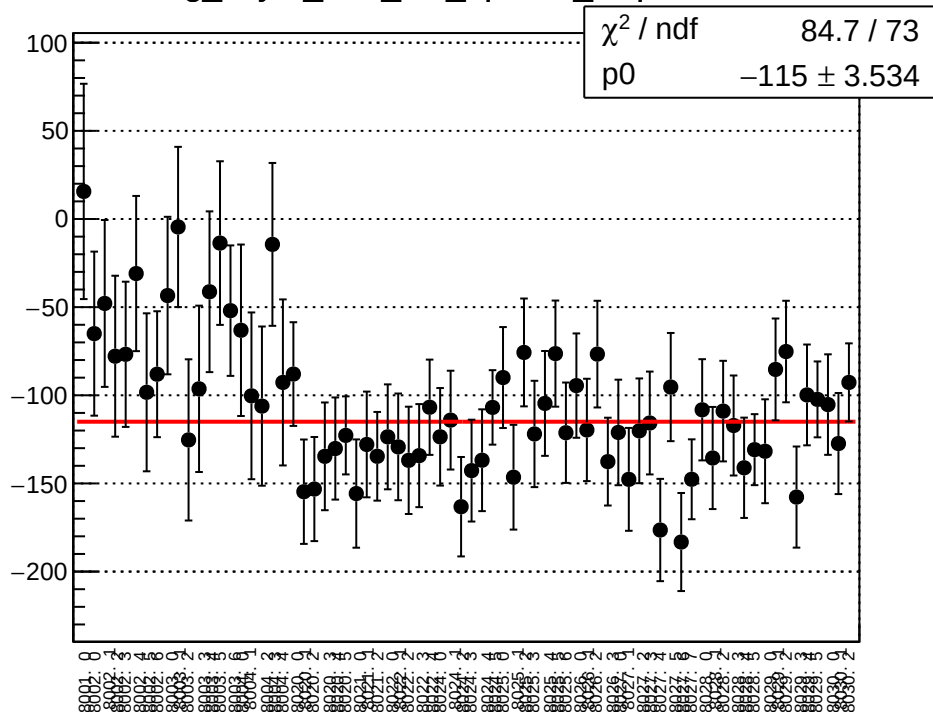
reg\_asym\_atl2\_diff\_bpm4eY\_slope vs run



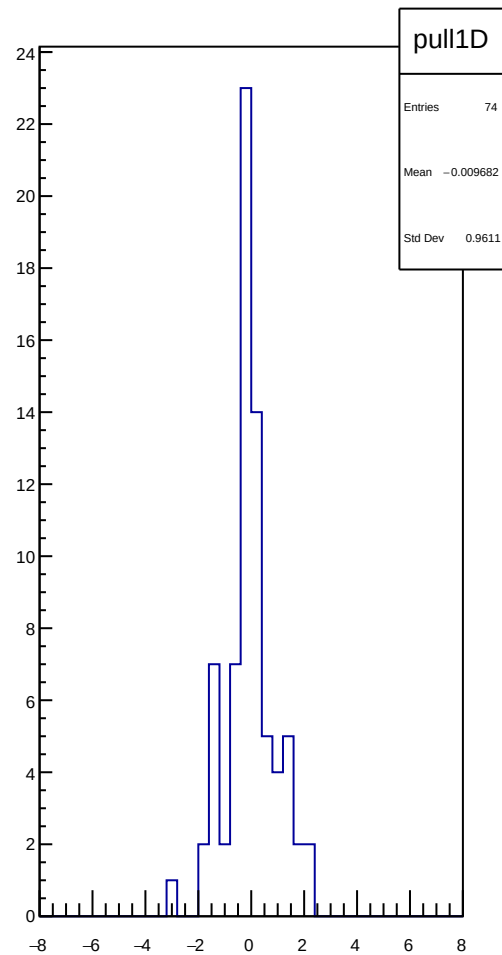
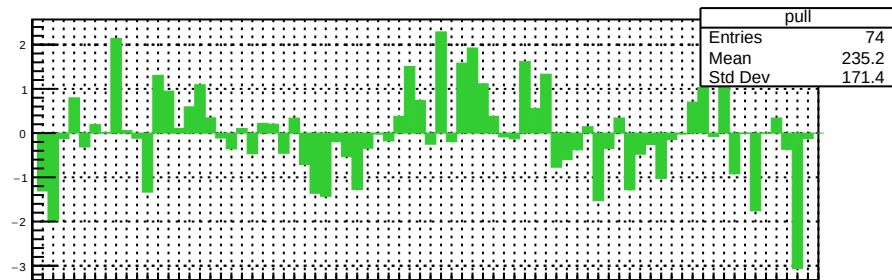
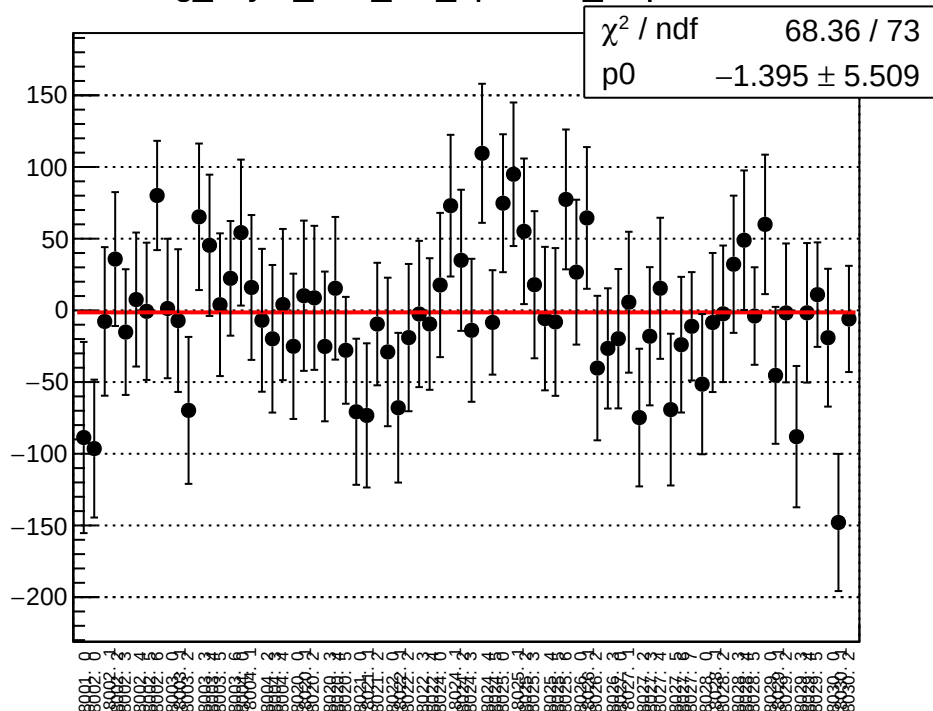
reg\_asym\_atl2\_diff\_bpm12X\_slope vs run



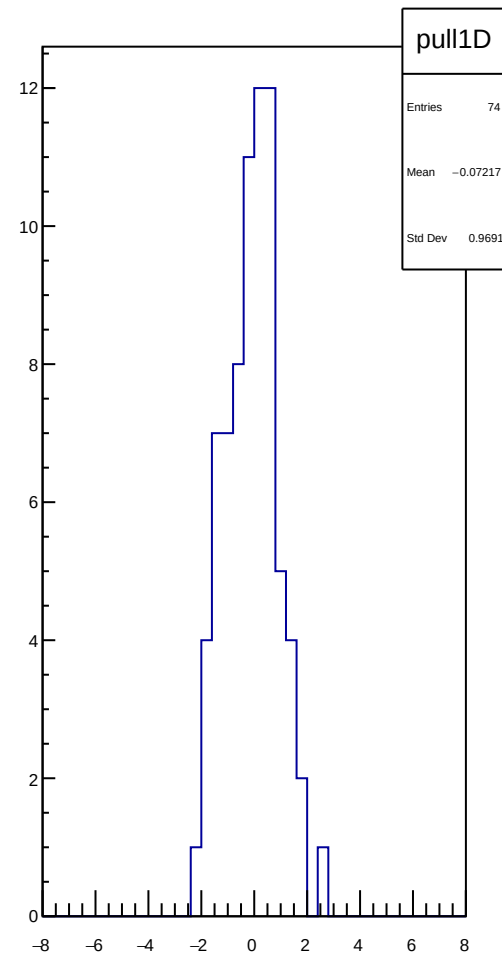
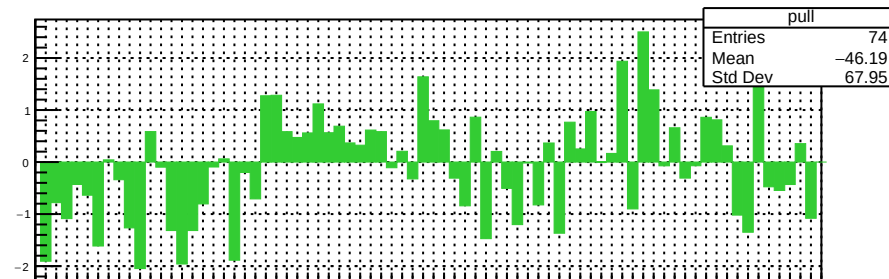
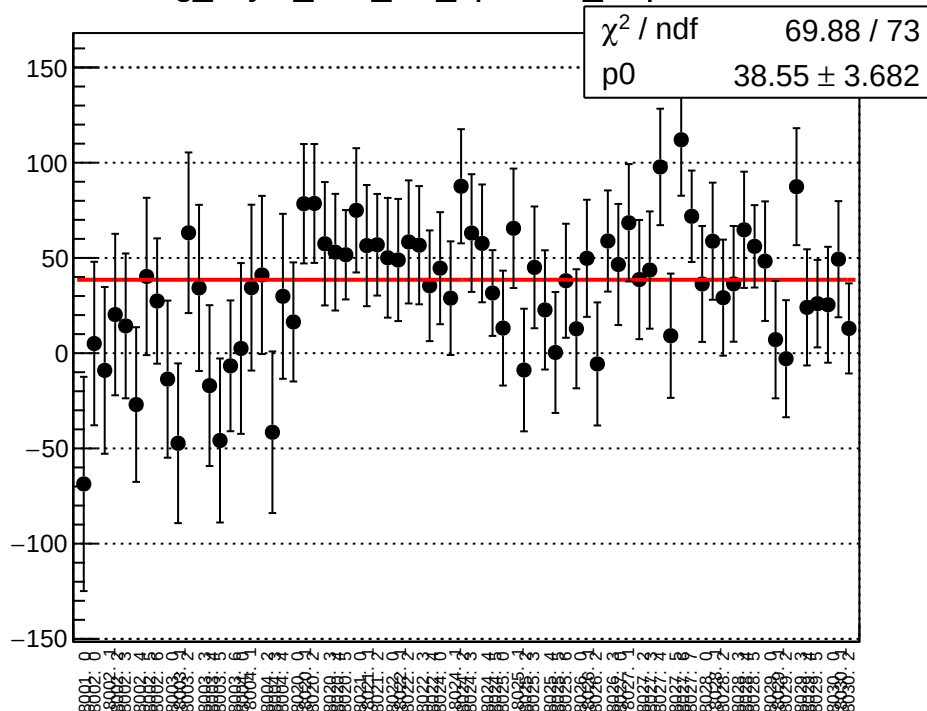
reg\_asym\_atr1\_diff\_bpm1X\_slope vs run



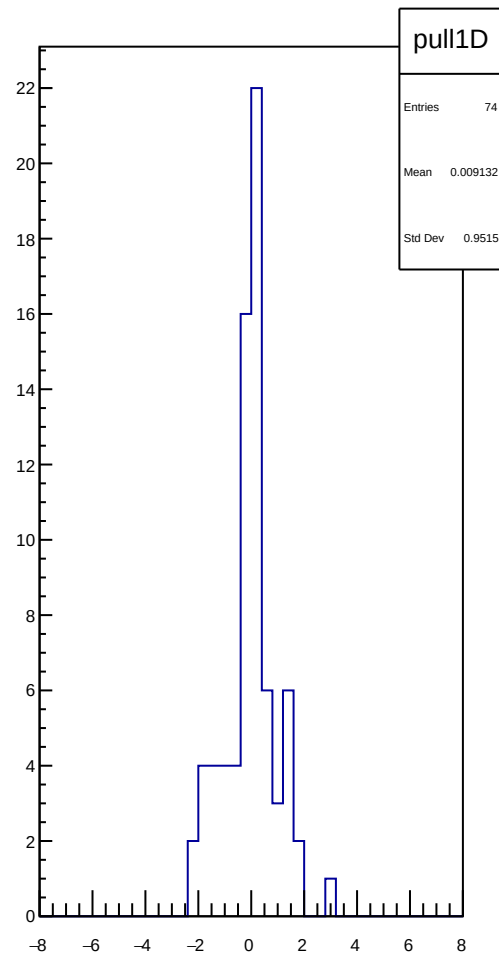
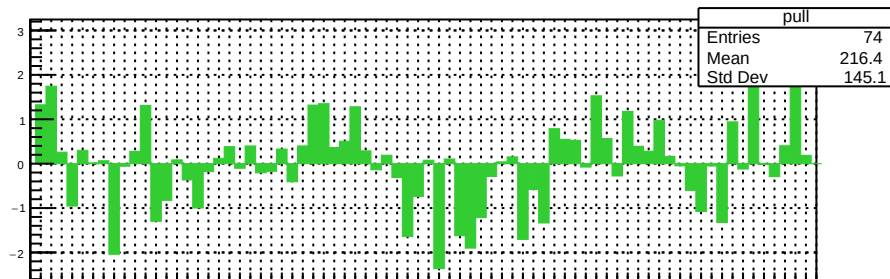
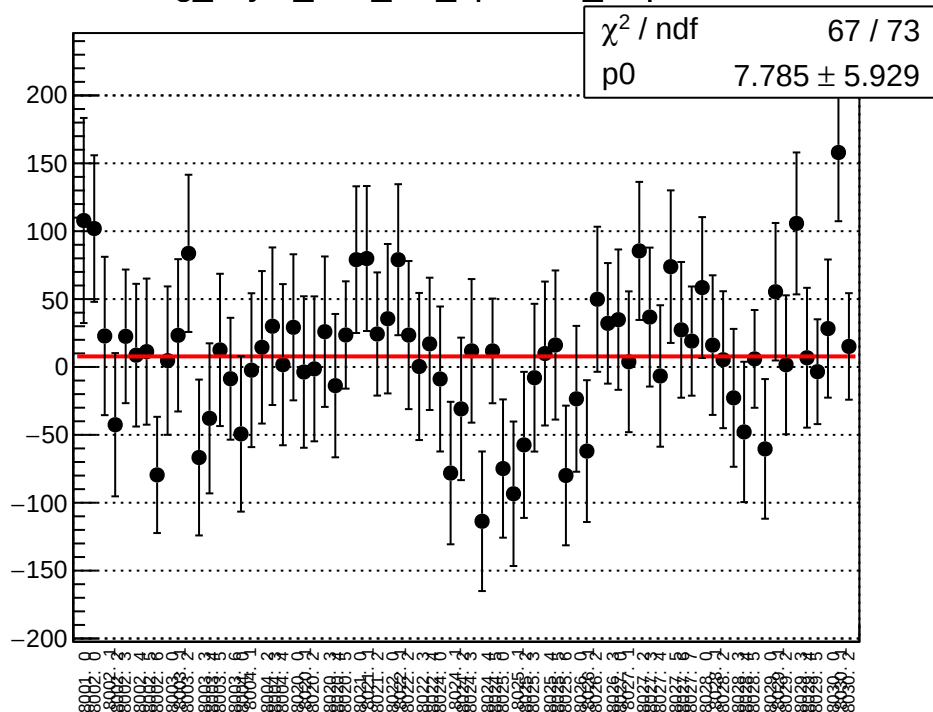
reg\_asym\_atr1\_diff\_bpm4aY\_slope vs run



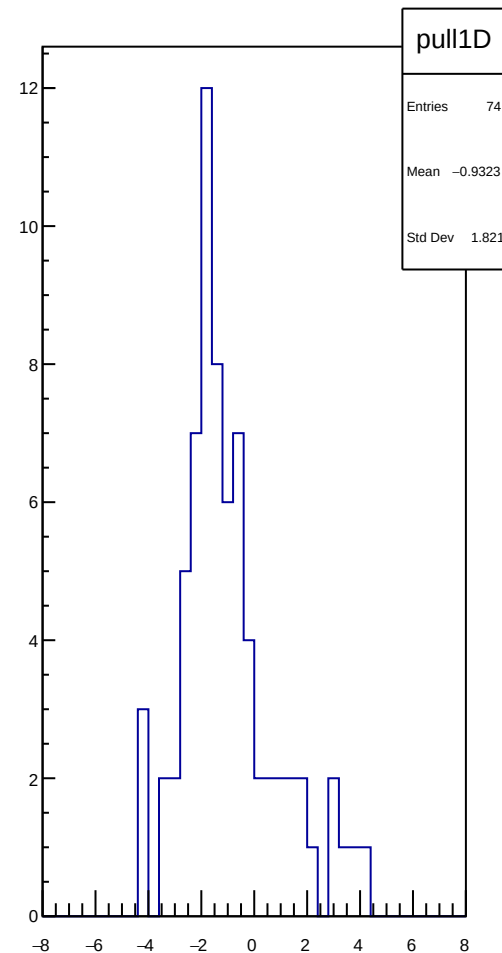
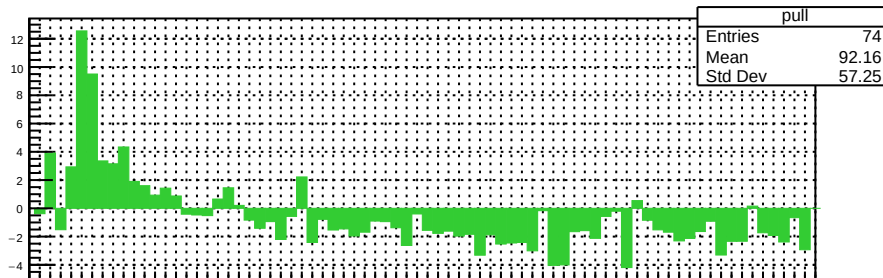
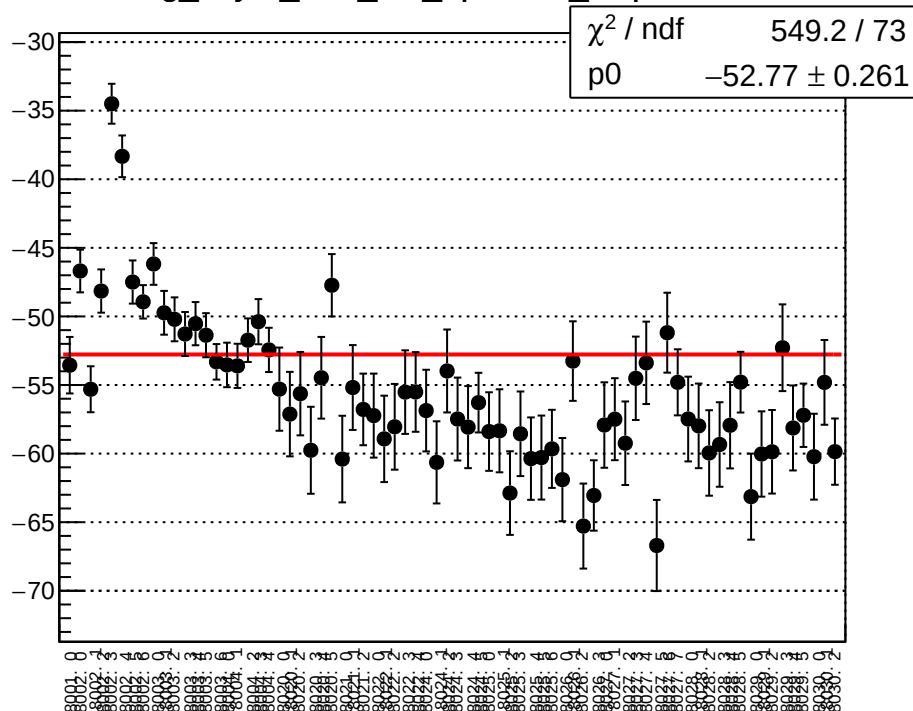
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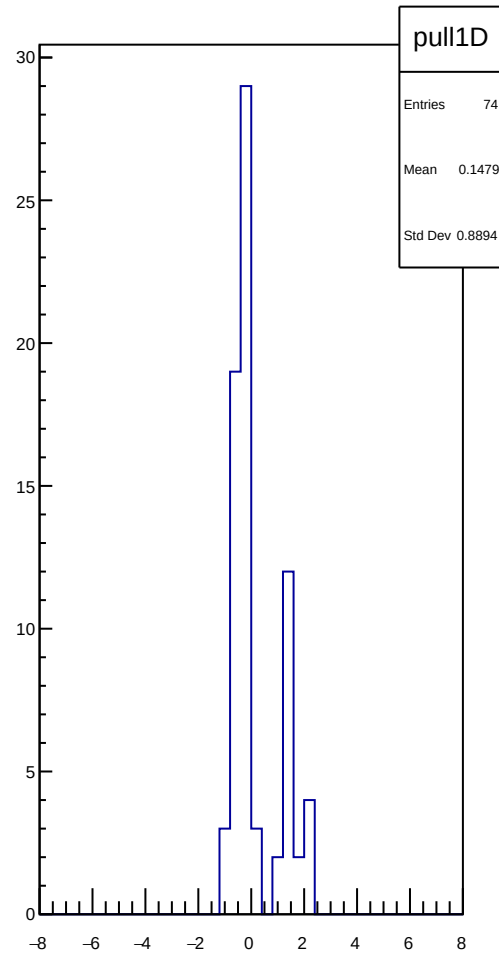
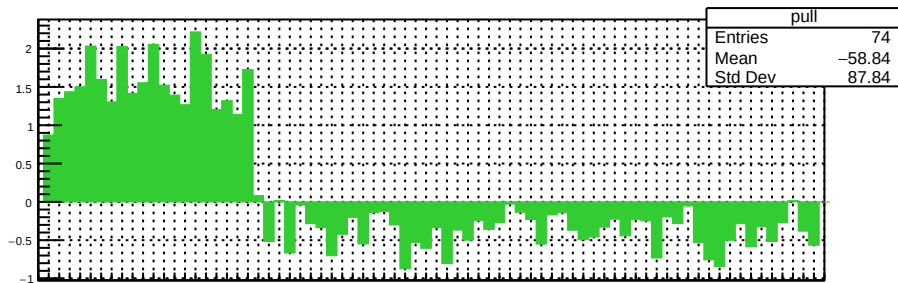
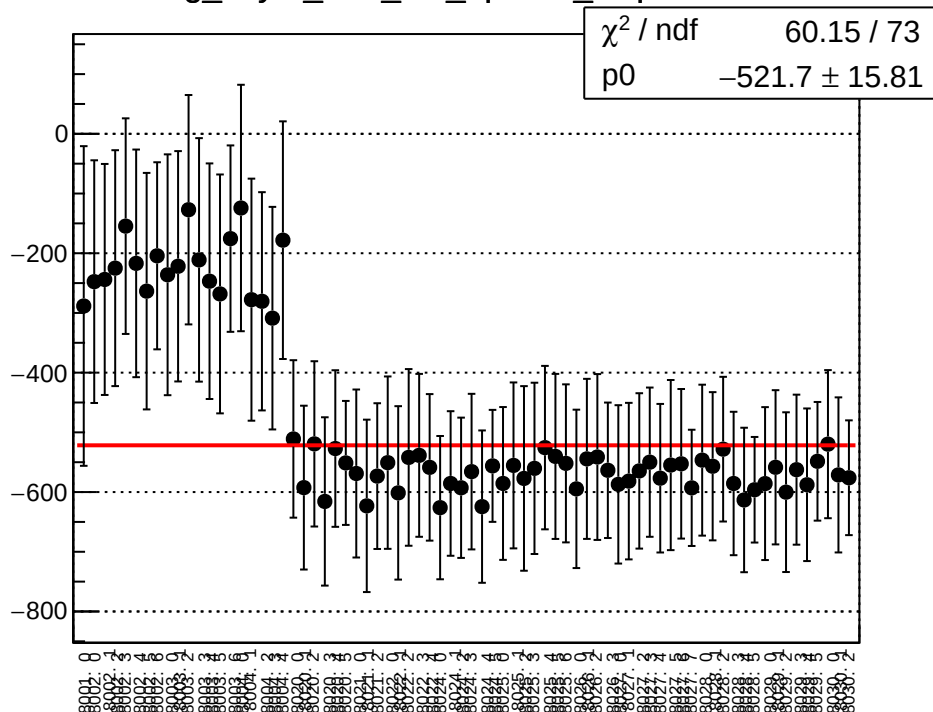
reg\_asym\_atr1\_diff\_bpm4eY\_slope vs run



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

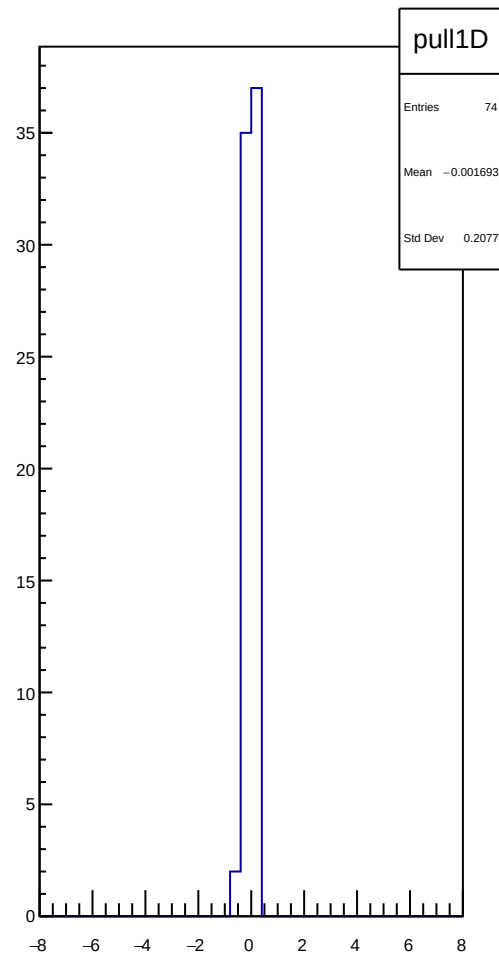
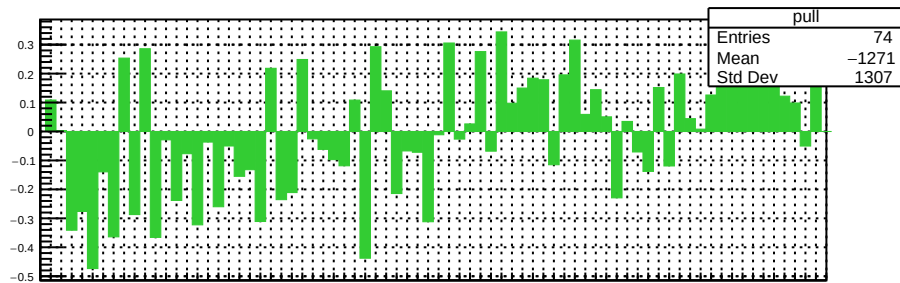
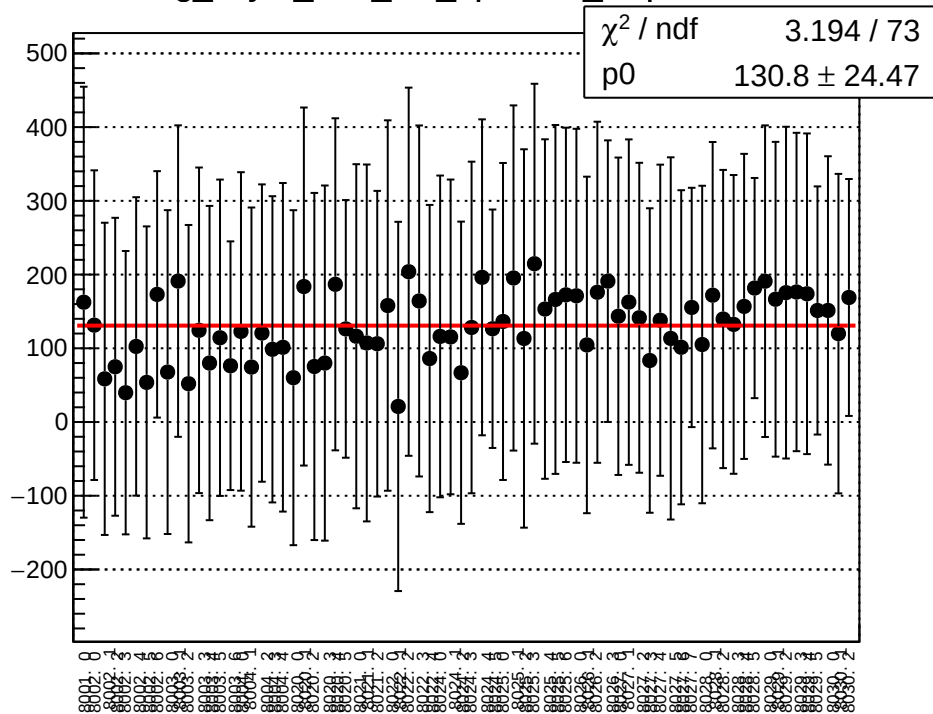


reg\_asym\_atr2\_diff\_bpm1X\_slope vs run

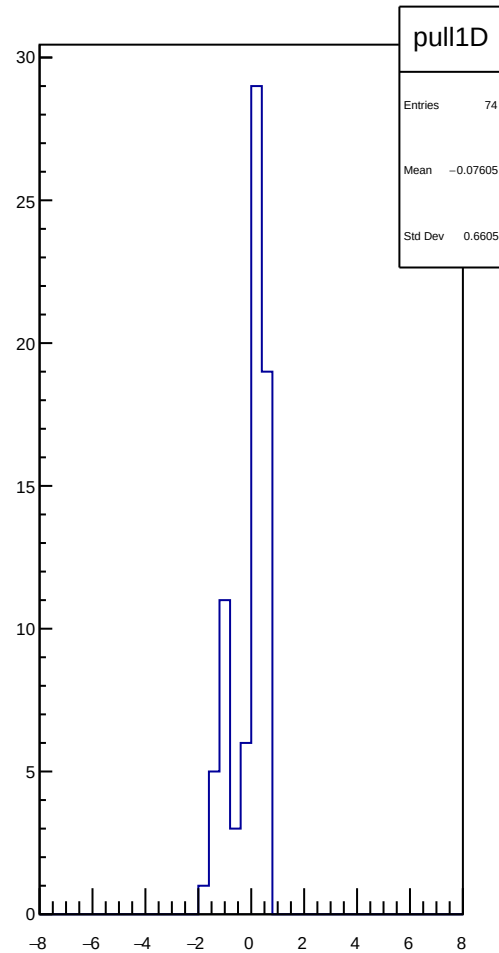
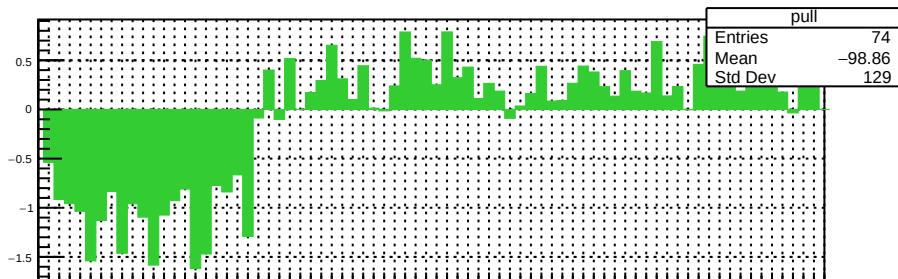
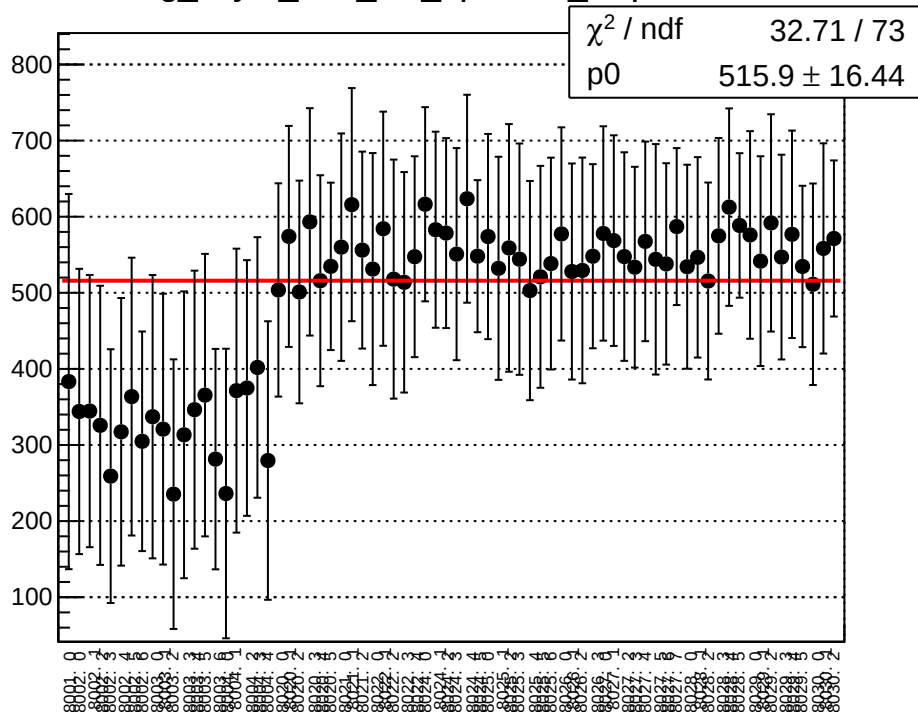




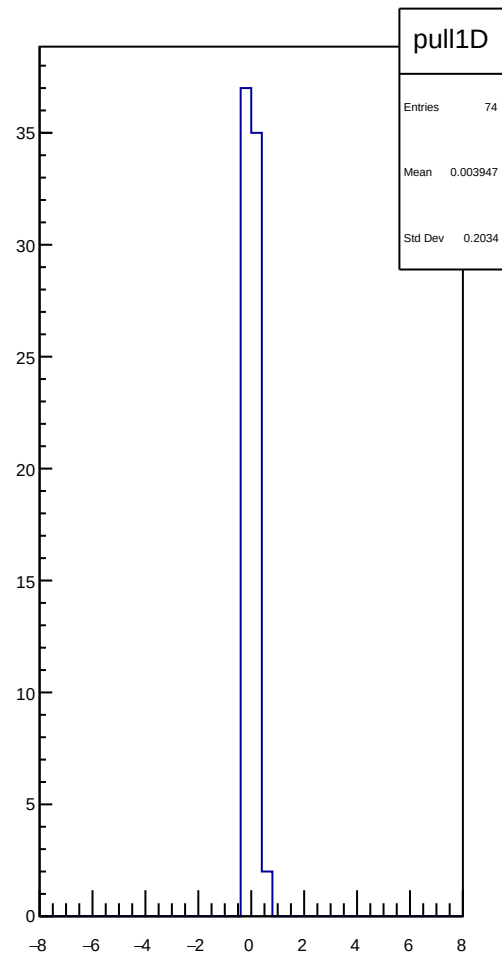
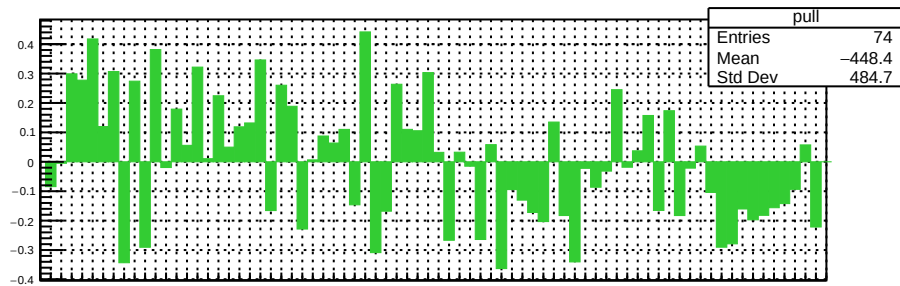
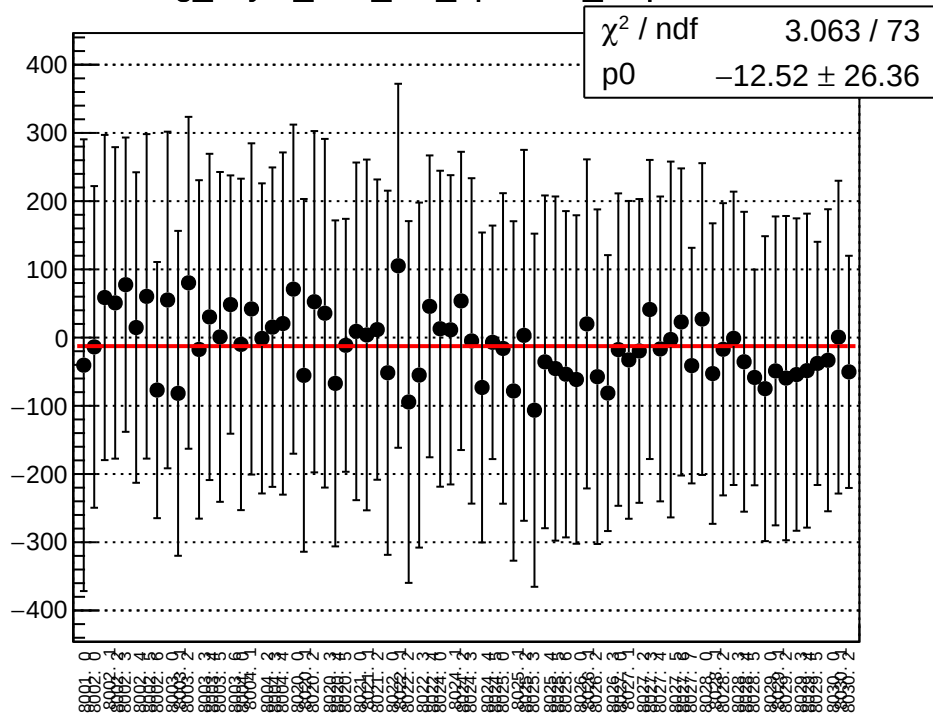
reg\_asym\_atr2\_diff\_bpm4aY\_slope vs run



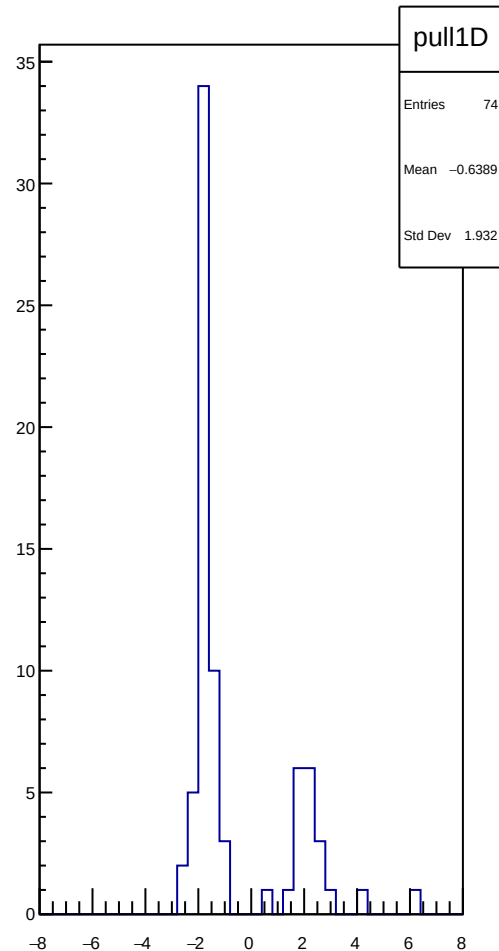
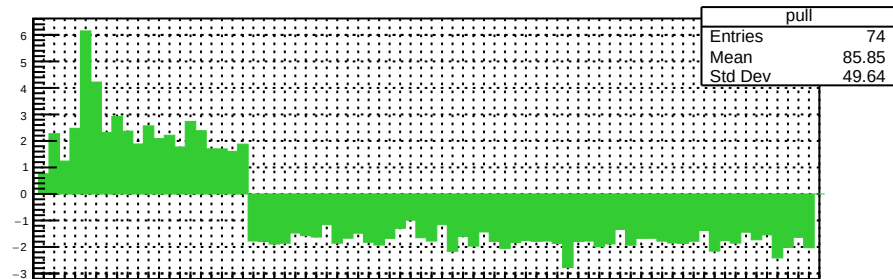
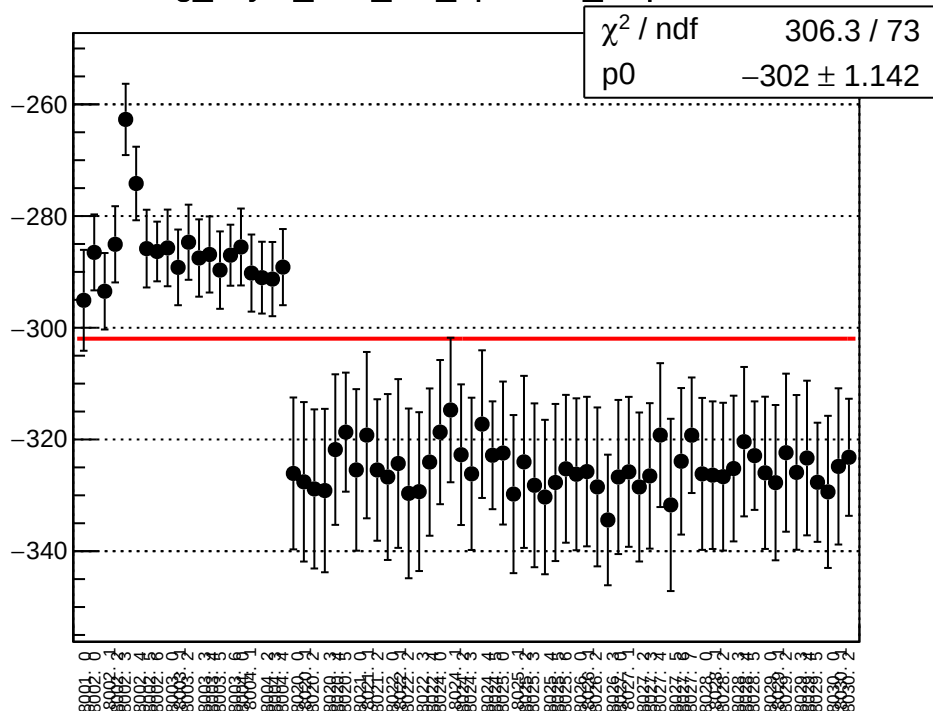
reg\_asym\_atr2\_diff\_bpm4eX\_slope vs run



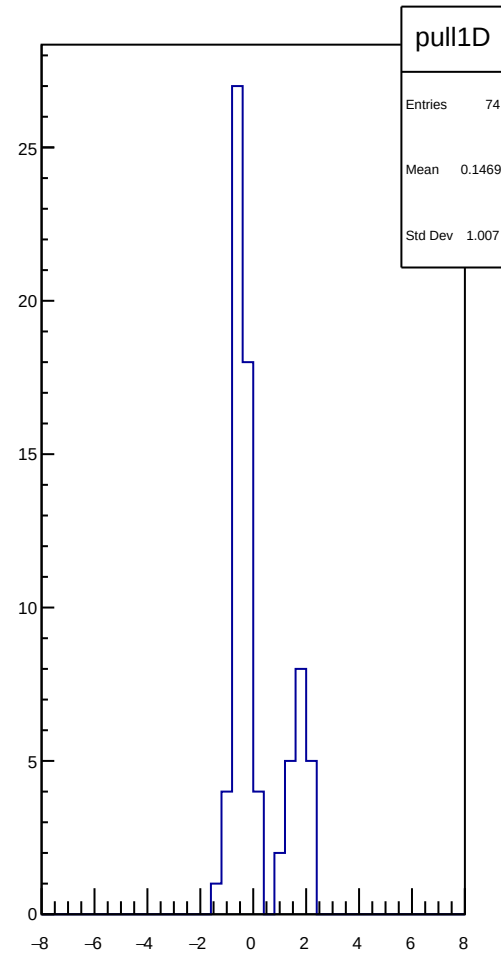
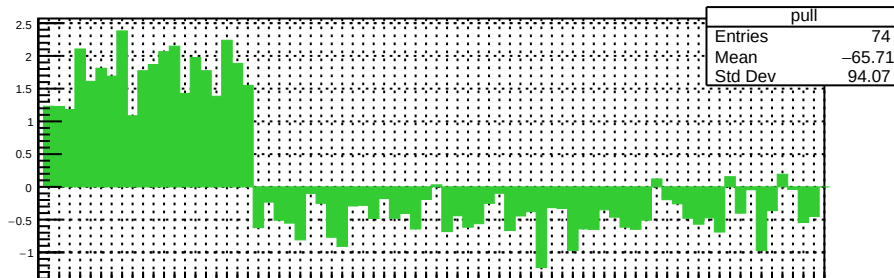
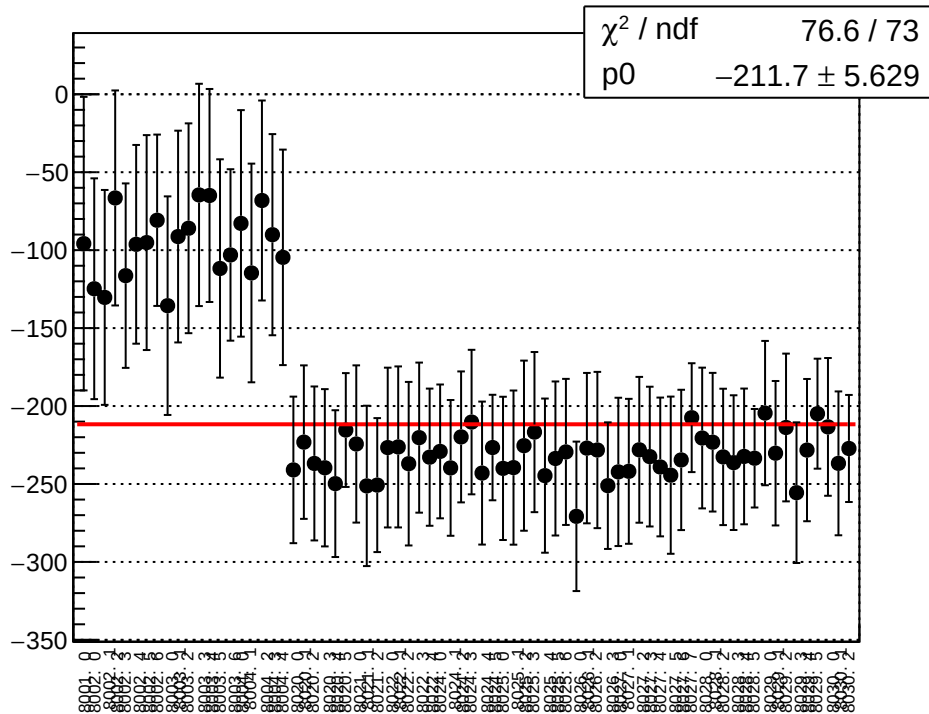
reg\_asym\_atr2\_diff\_bpm4eY\_slope vs run



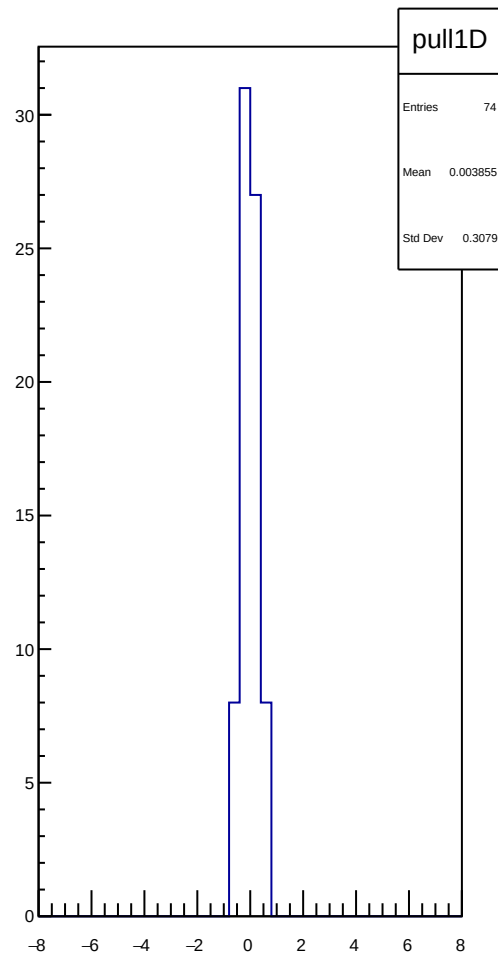
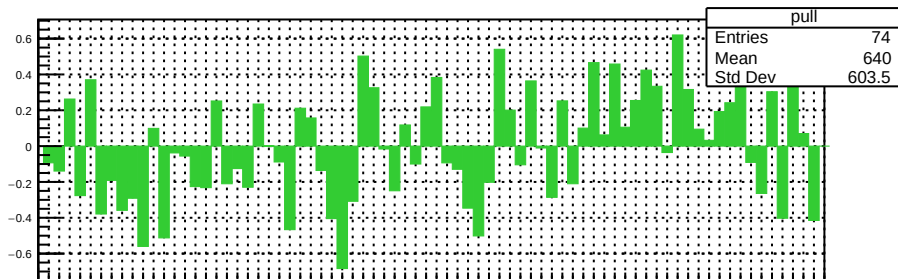
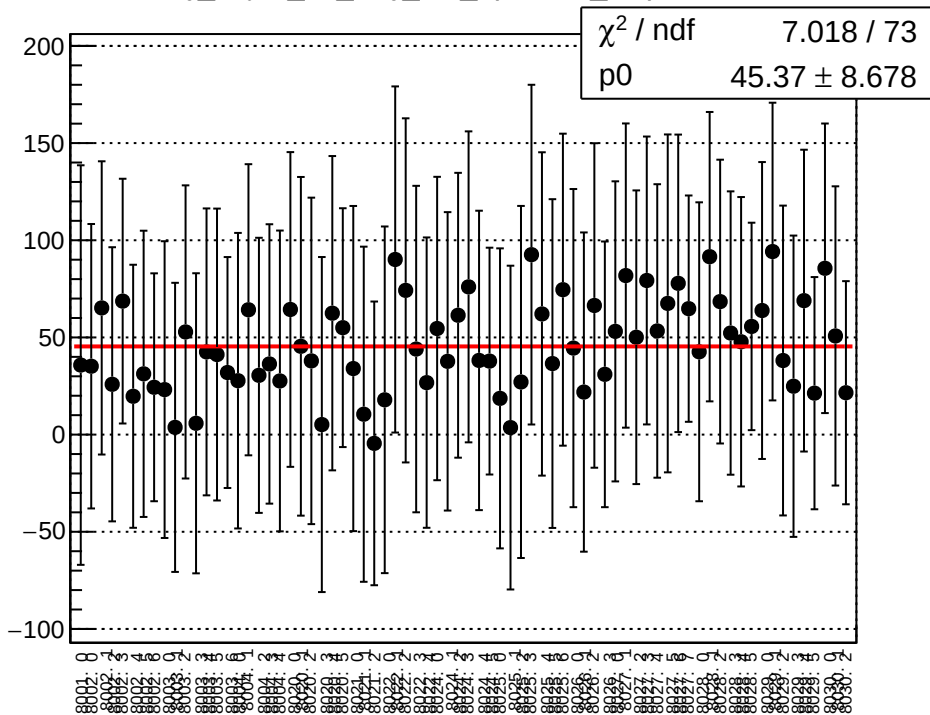
reg\_asym\_atr2\_diff\_bpm12X\_slope vs run



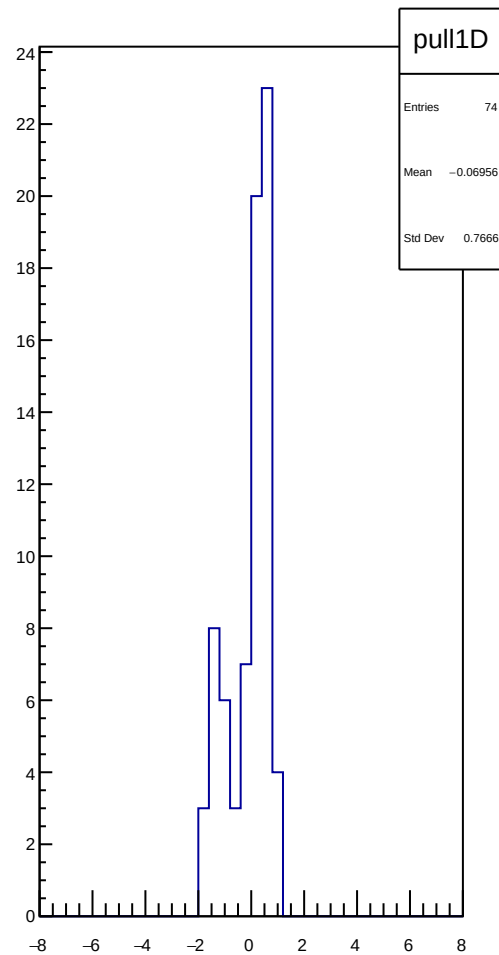
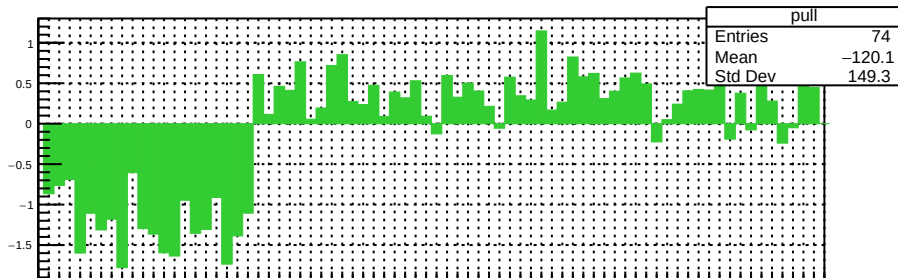
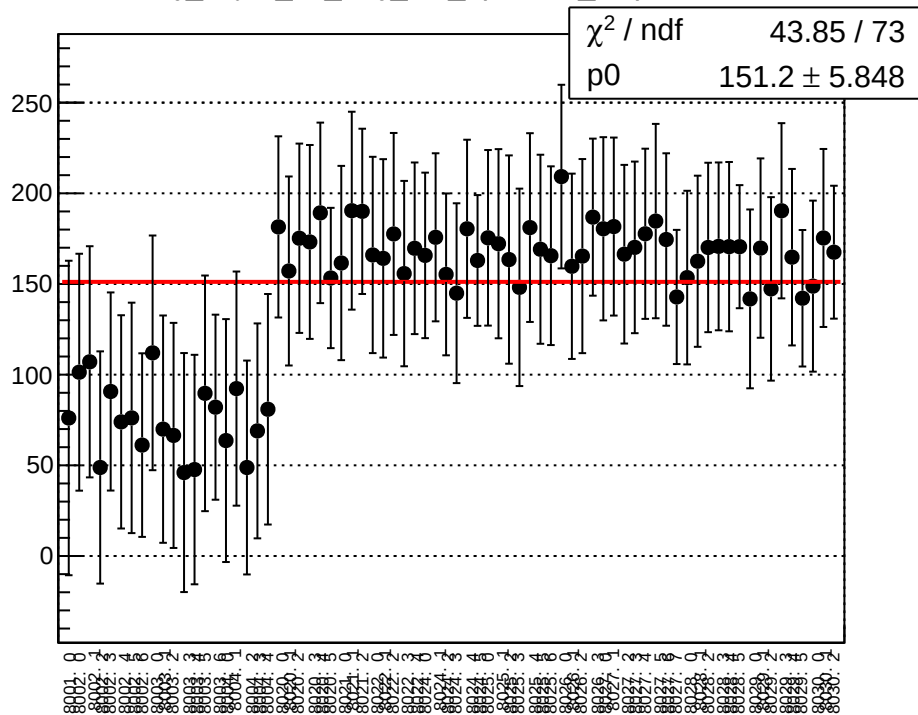
reg\_asym\_atl\_avg\_diff\_bpm1X\_slope vs run



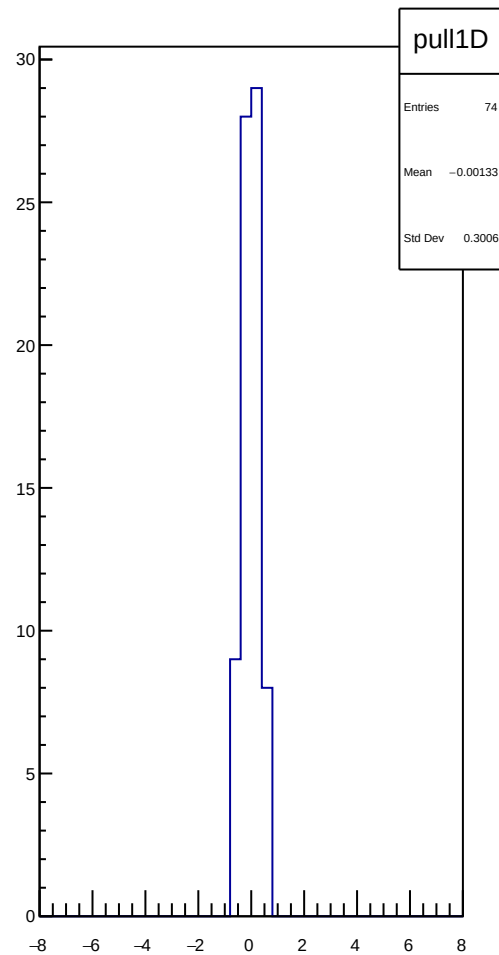
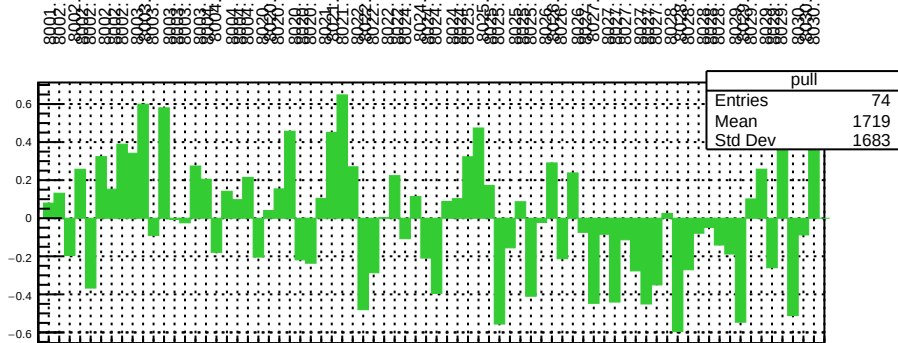
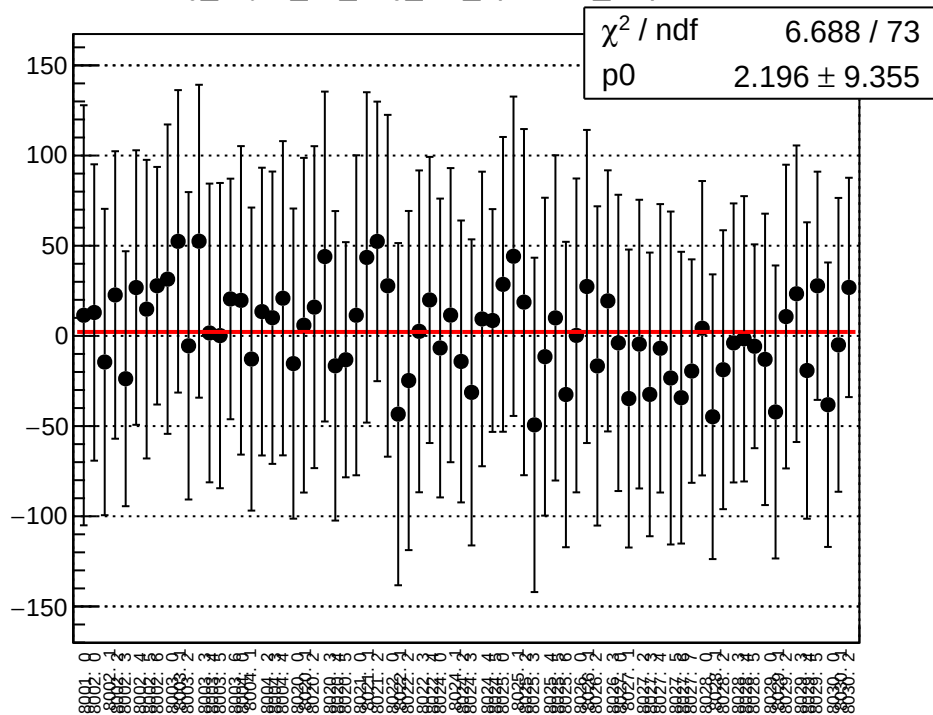
reg\_asym\_atl\_avg\_diff\_bpm4aY\_slope vs run



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

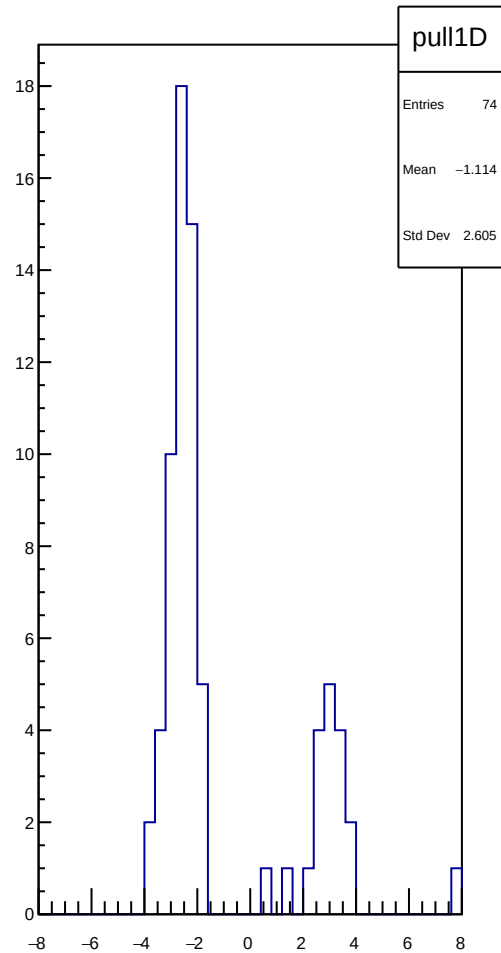
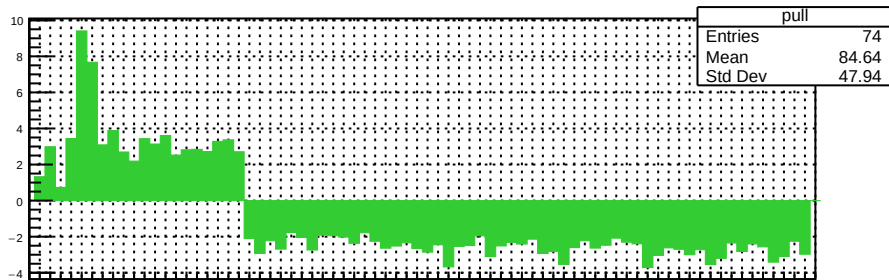
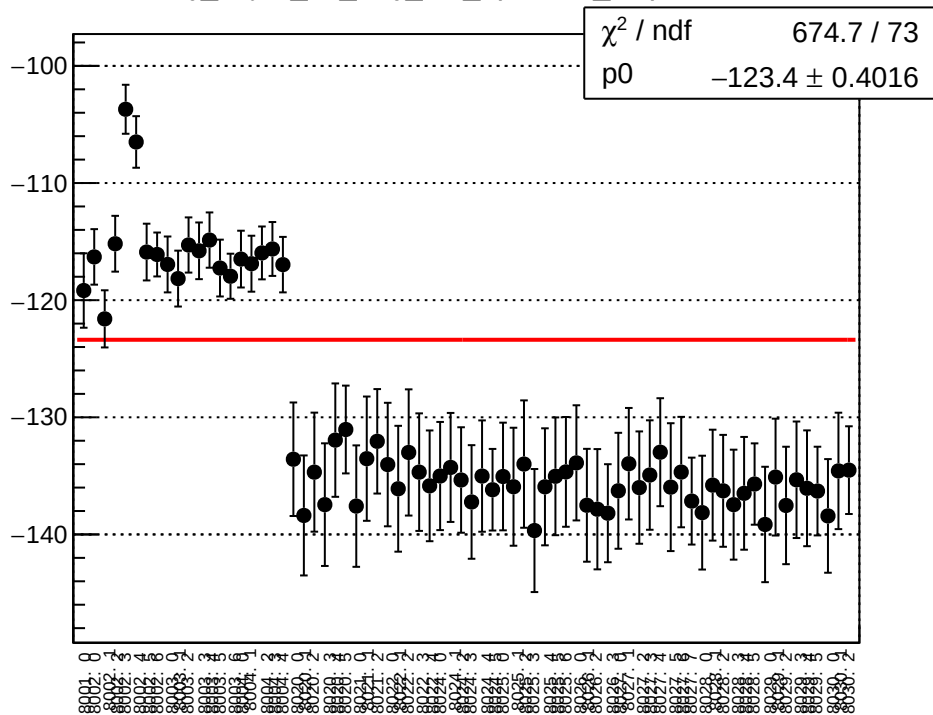


reg\_asym\_atl\_avg\_diff\_bpm4eY\_slope vs run

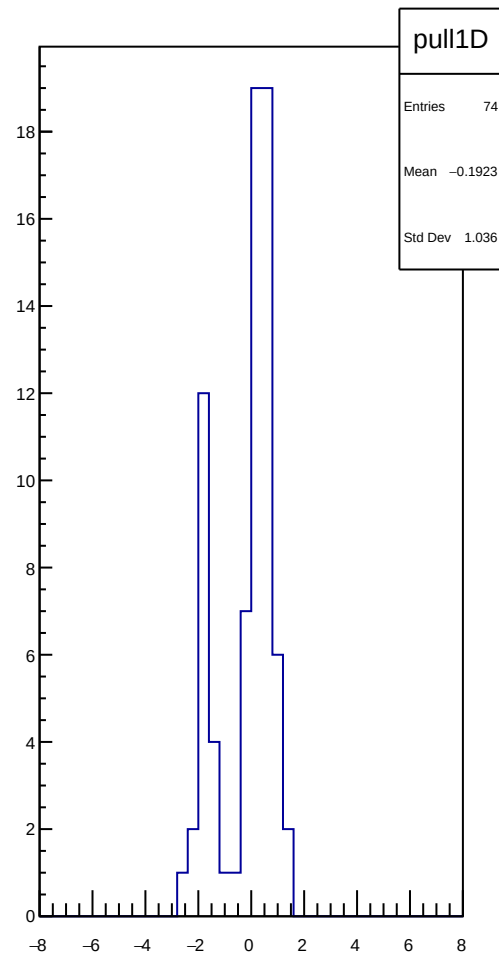
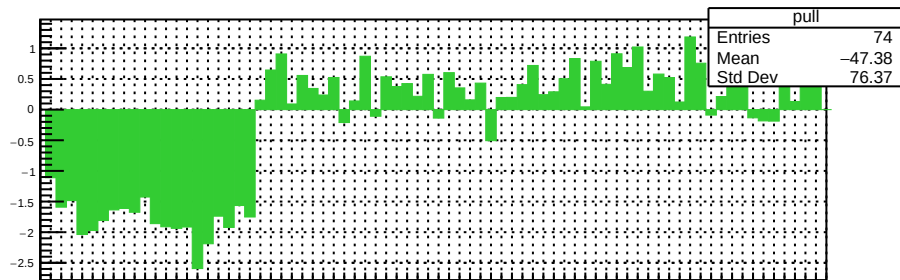
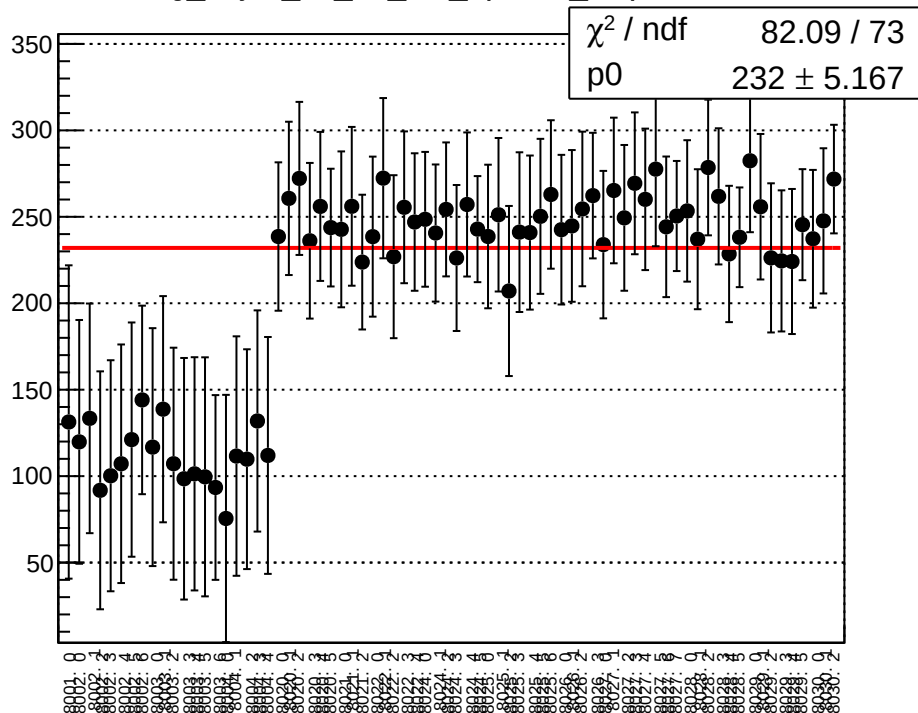




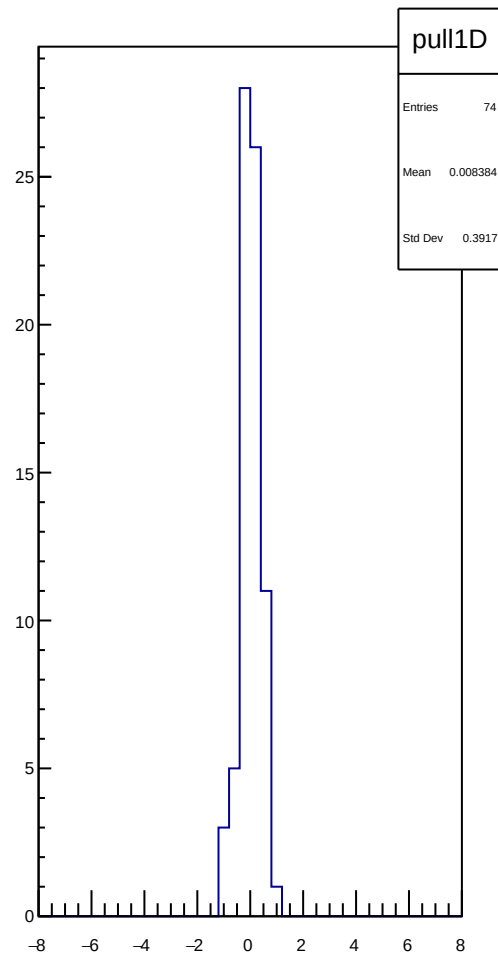
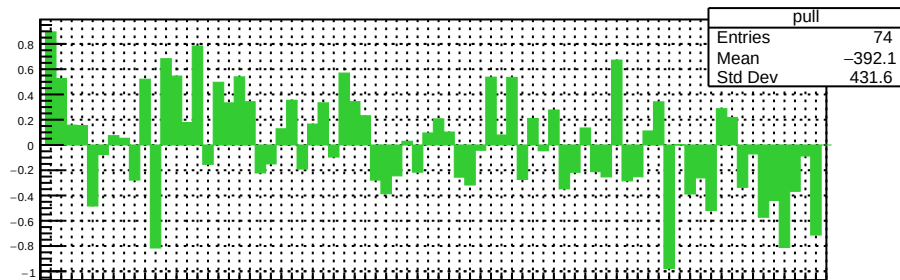
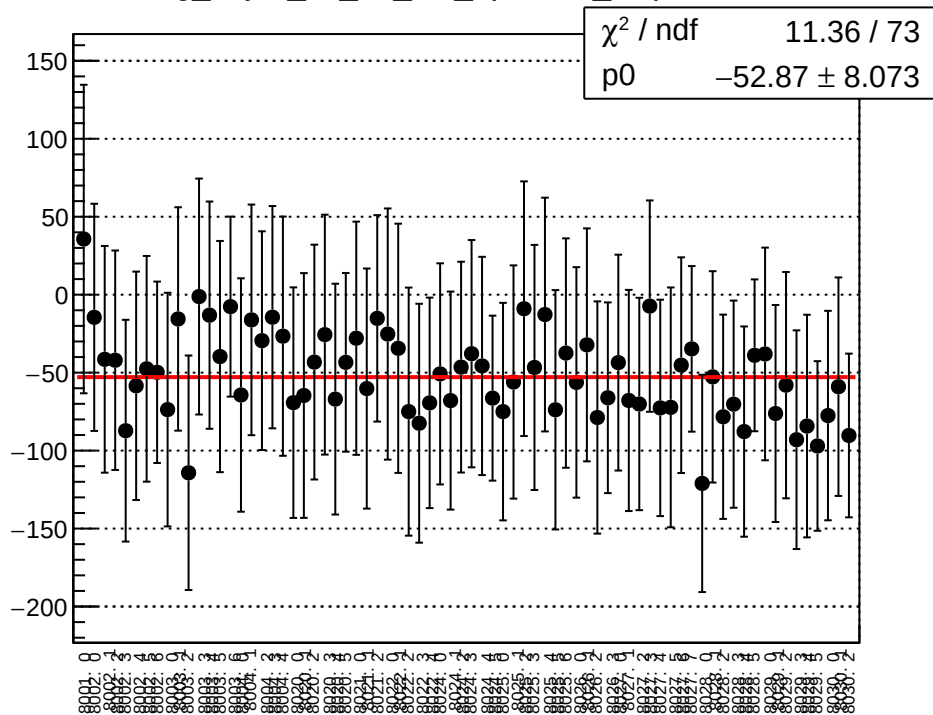
reg\_asym\_atl\_avg\_diff\_bpm12X\_slope vs run



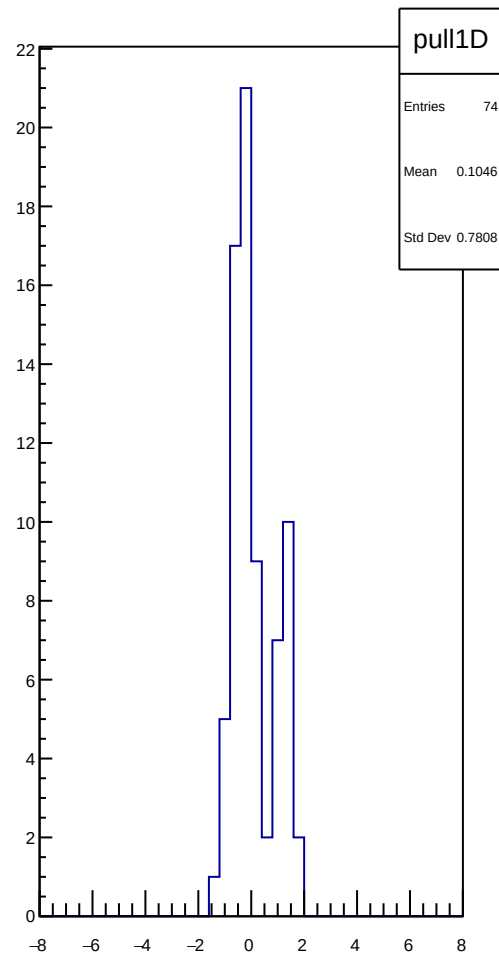
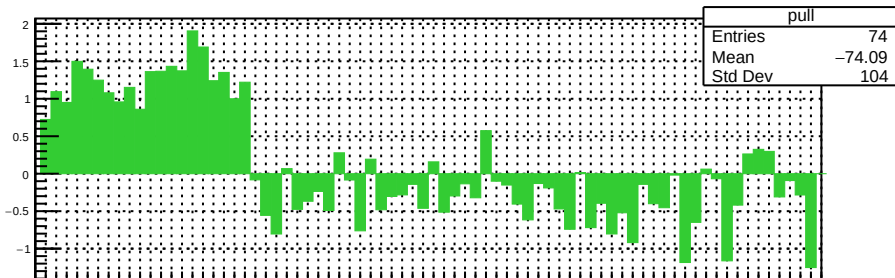
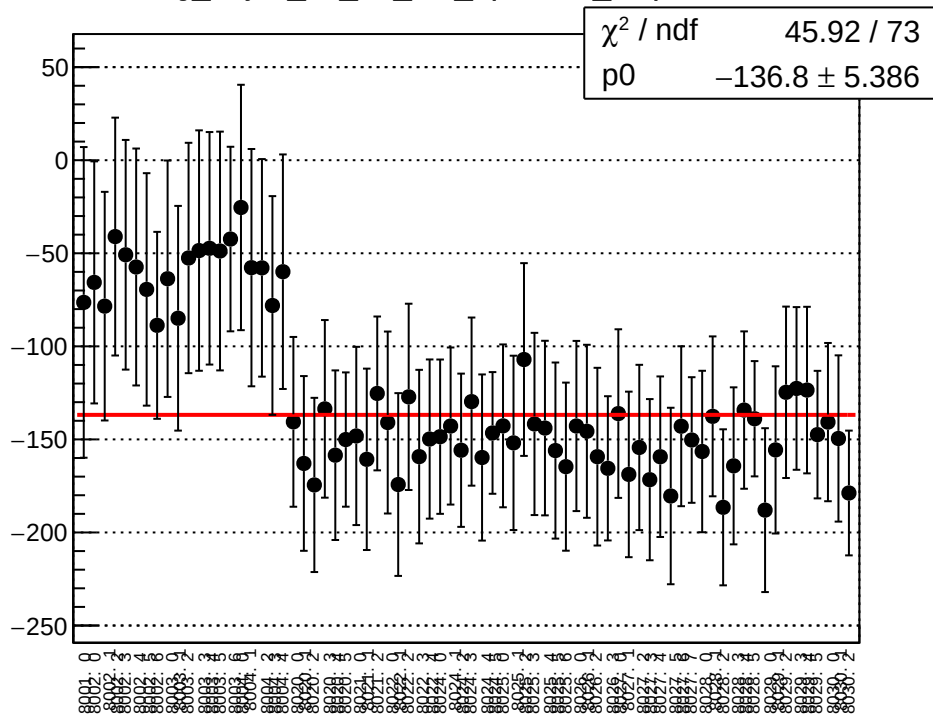
reg\_asym\_atl\_dd\_diff\_bpm1X\_slope vs run



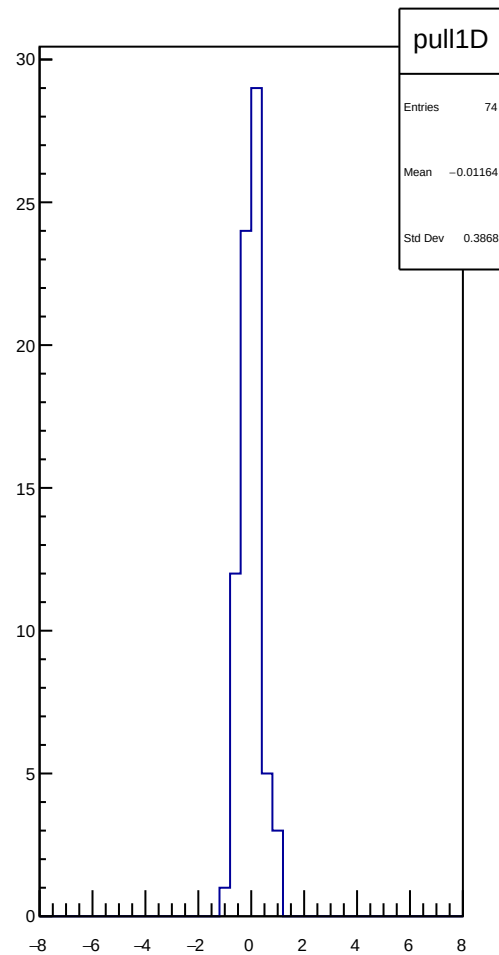
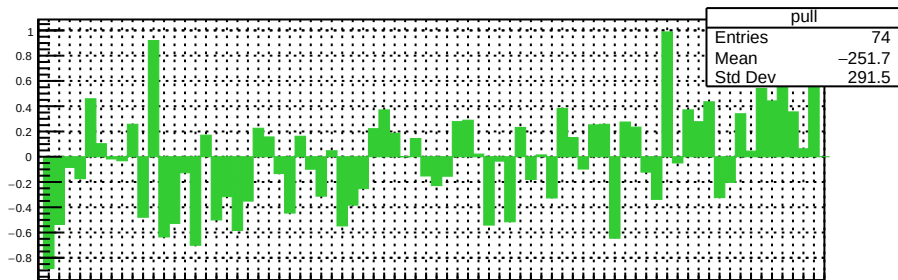
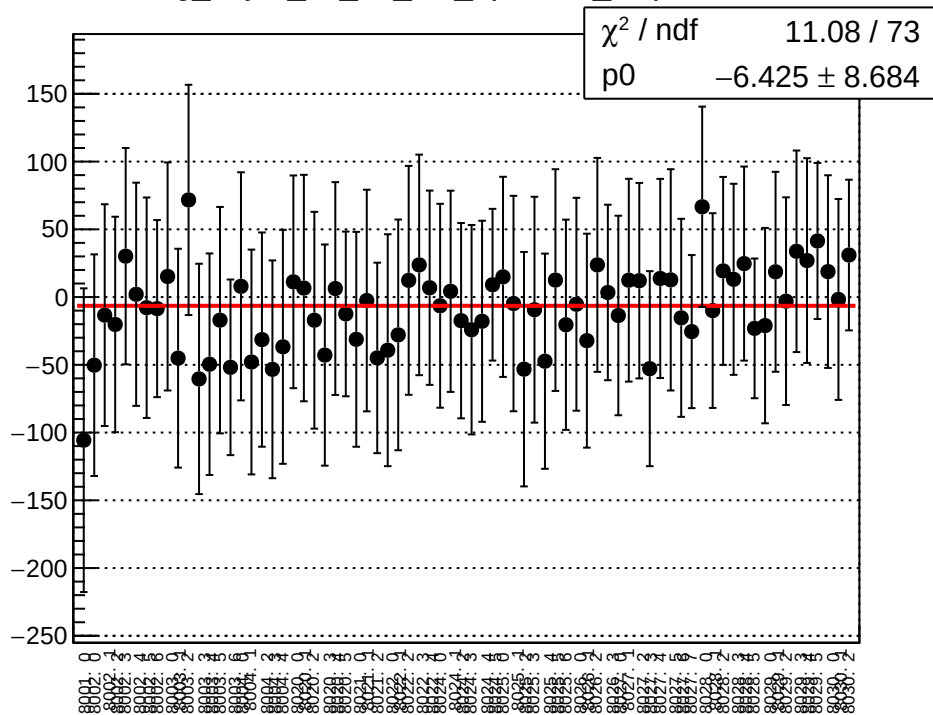
reg\_asym\_atl\_dd\_diff\_bpm4aY\_slope vs run



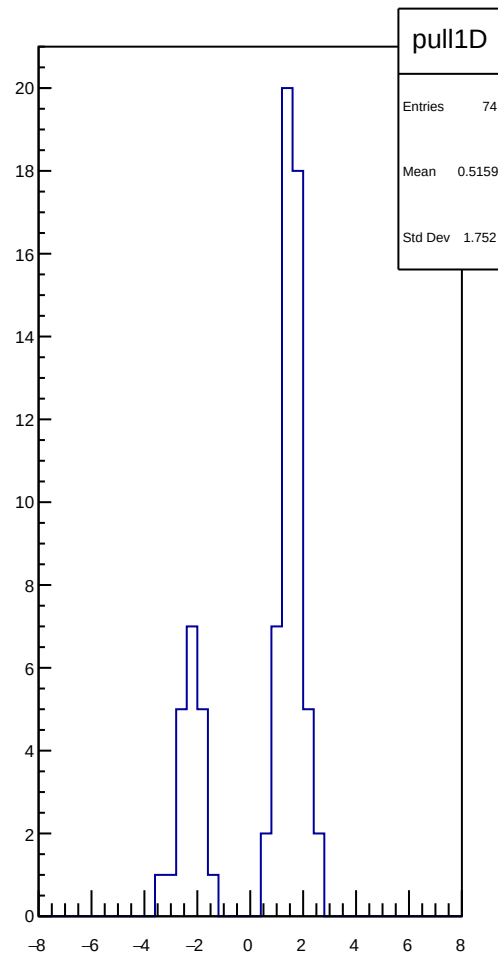
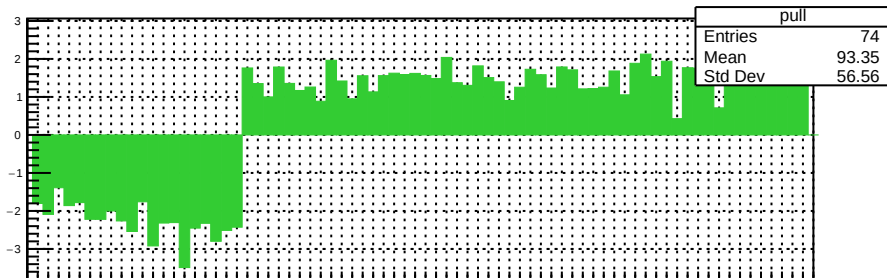
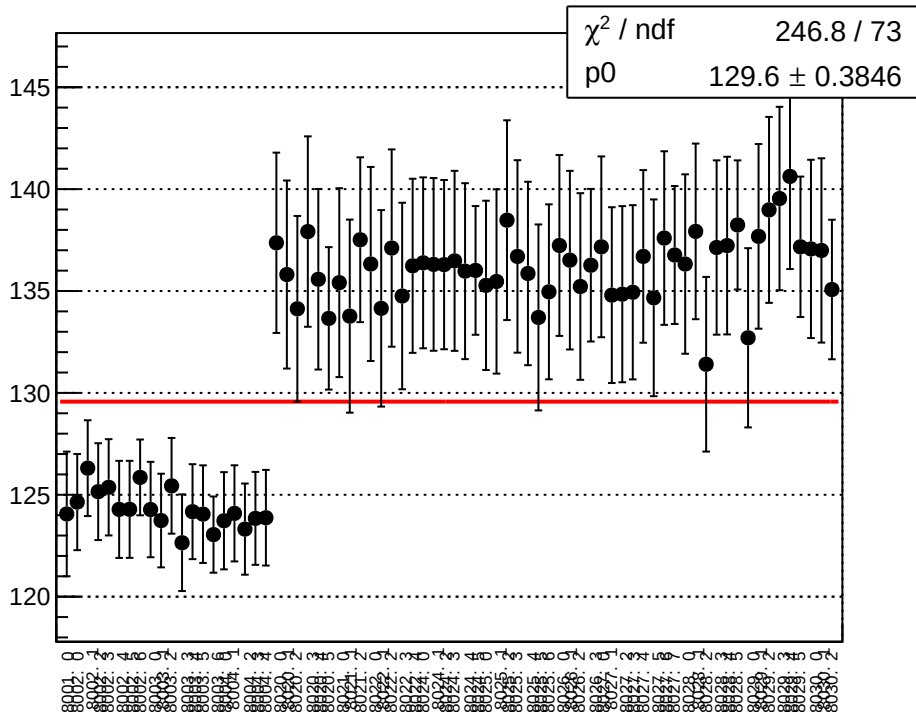
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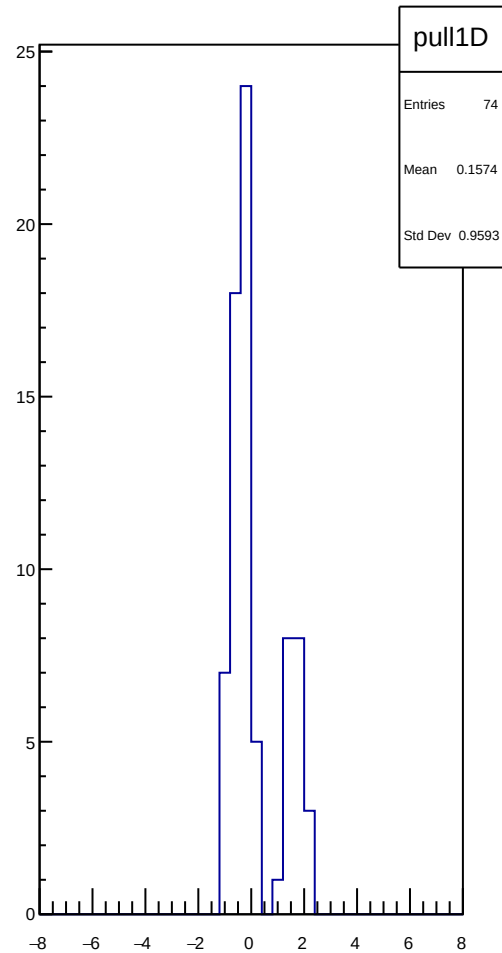
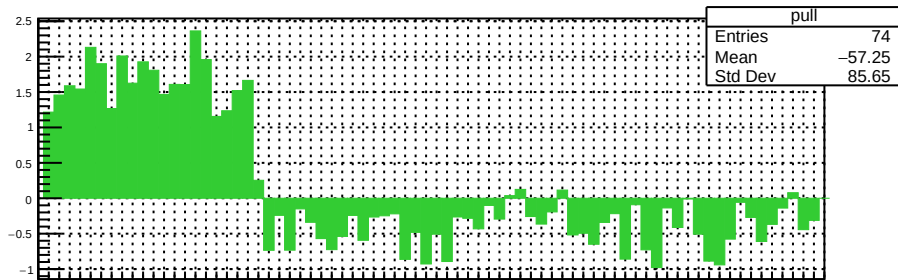
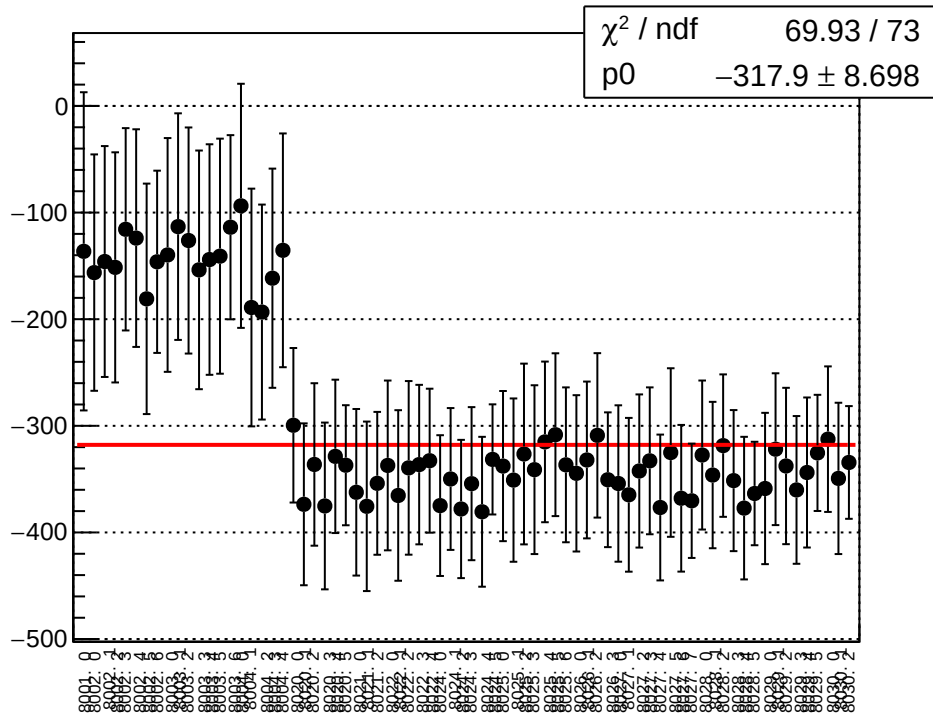
reg\_asym\_atl\_dd\_diff\_bpm4eY\_slope vs run



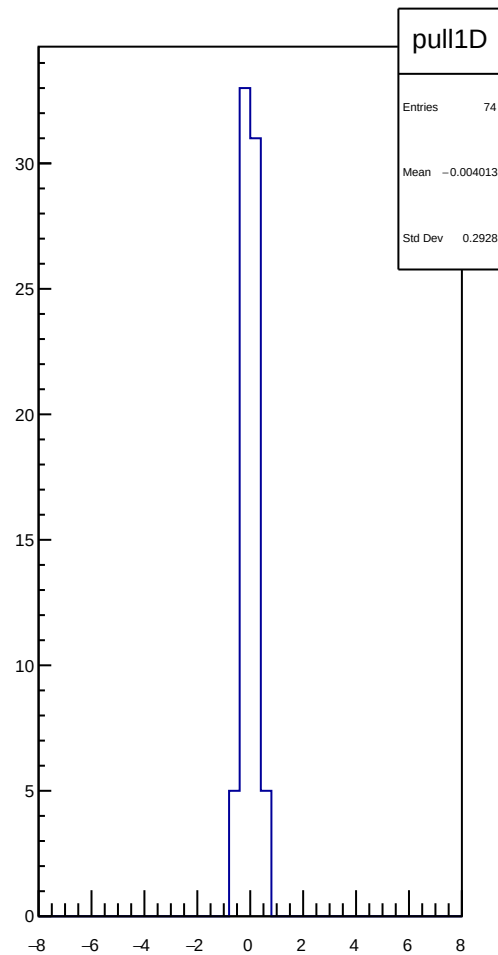
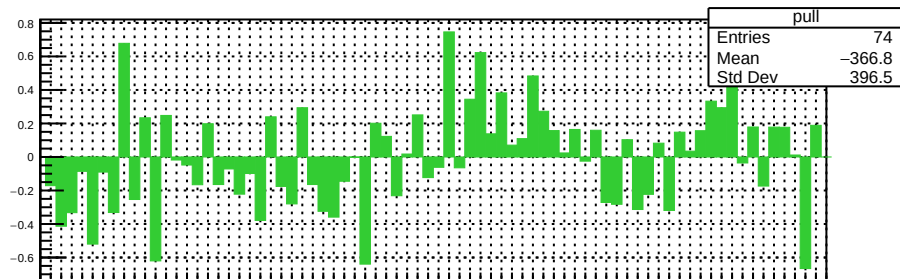
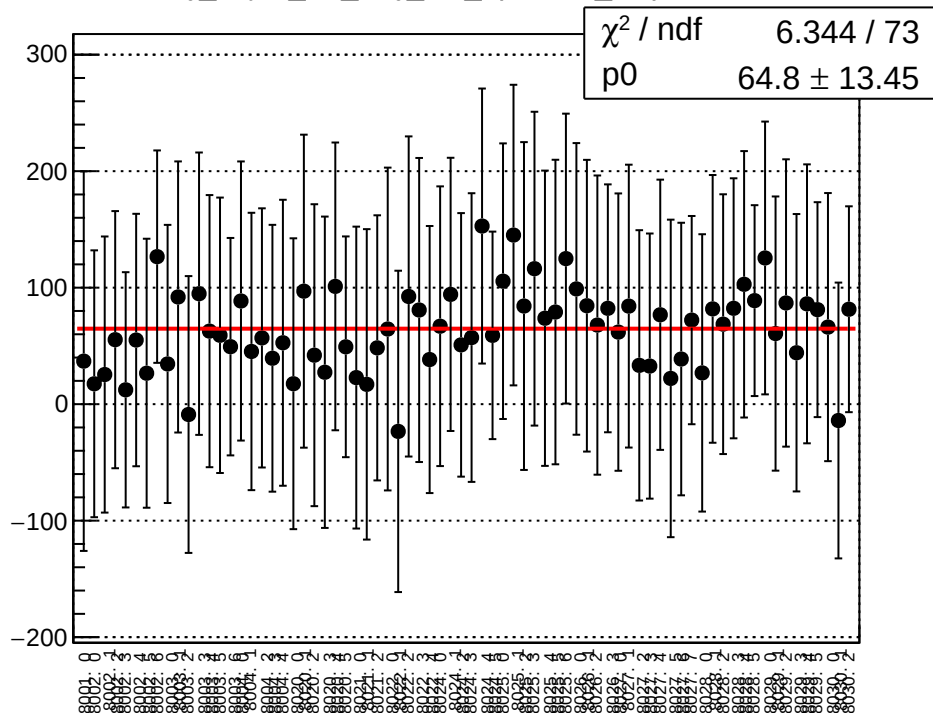
reg\_asym\_atl\_dd\_diff\_bpm12X\_slope vs run



reg\_asym\_atr\_avg\_diff\_bpm1X\_slope vs run

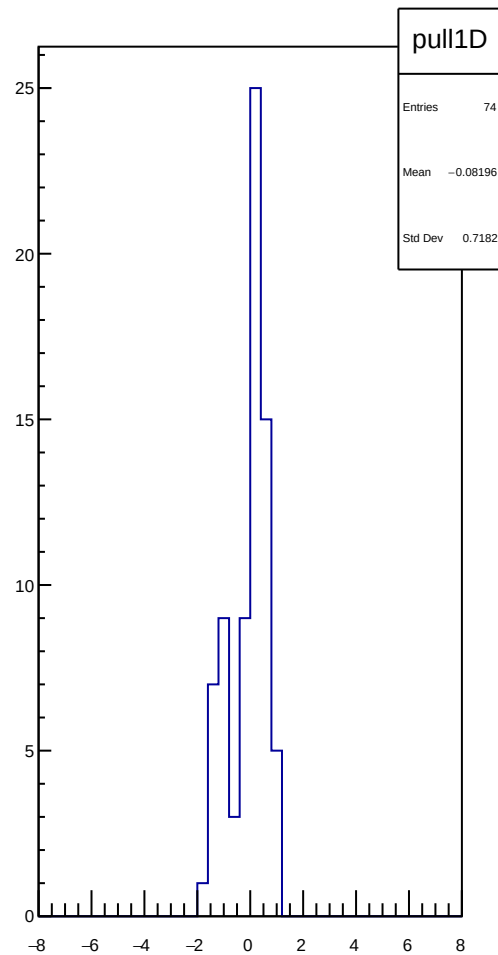
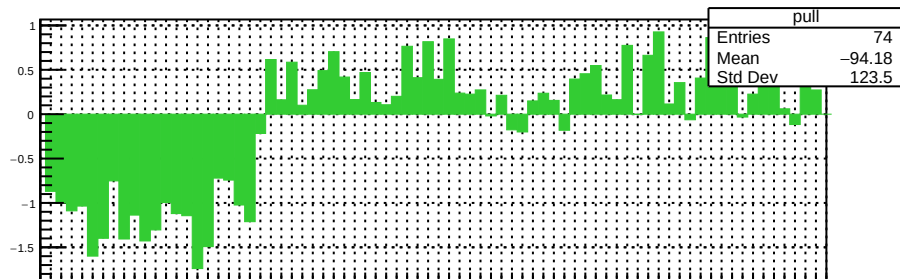
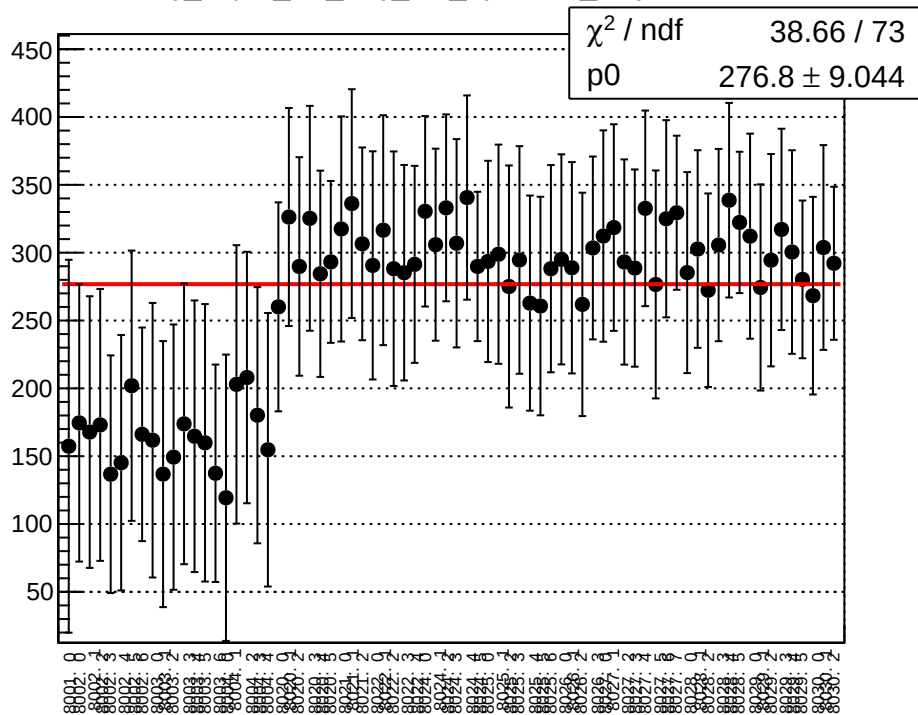


reg\_asym\_atr\_avg\_diff\_bpm4aY\_slope vs run

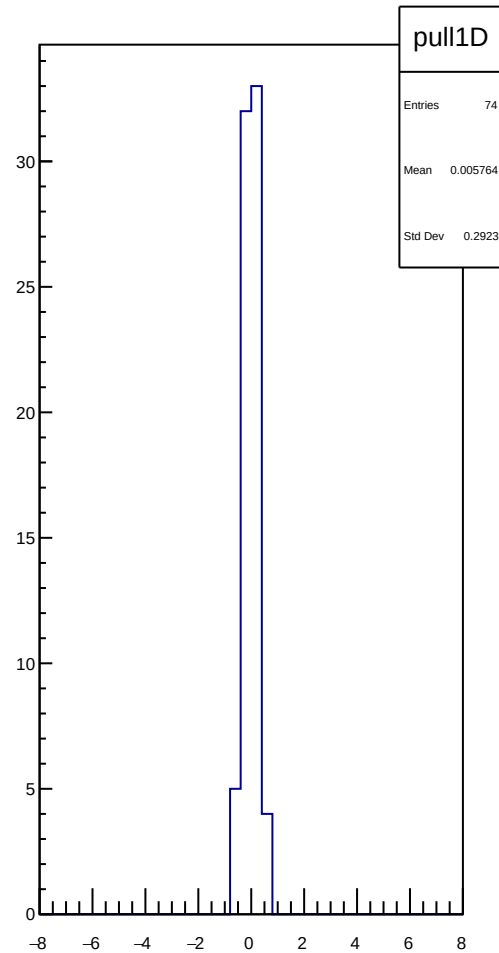
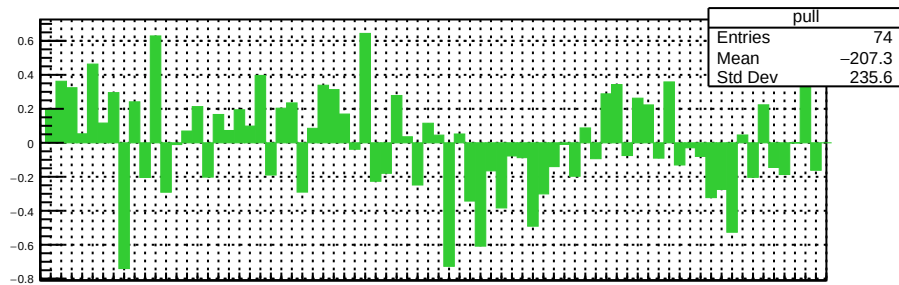
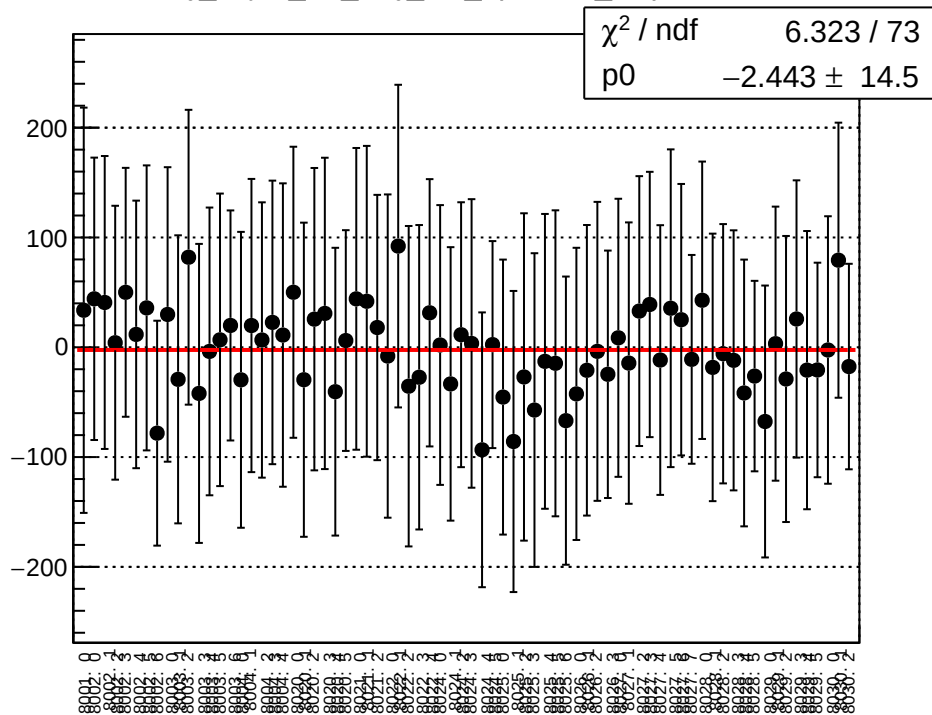




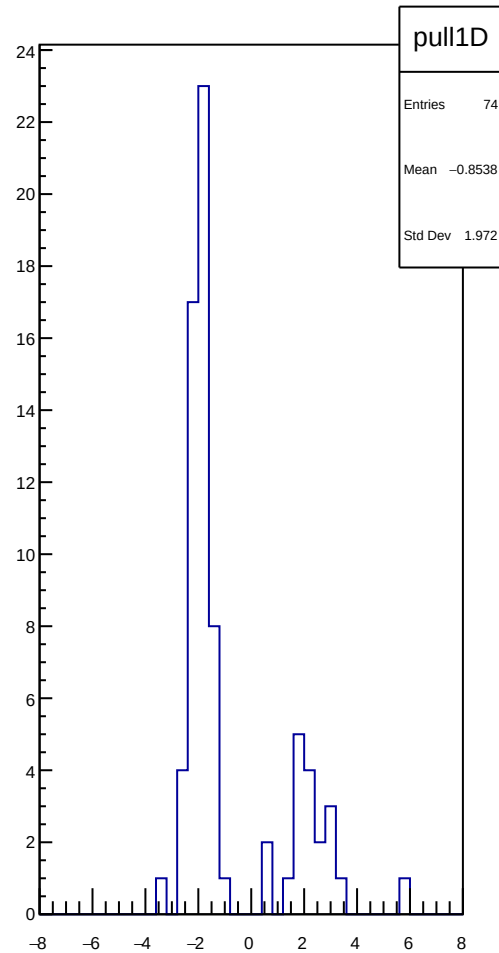
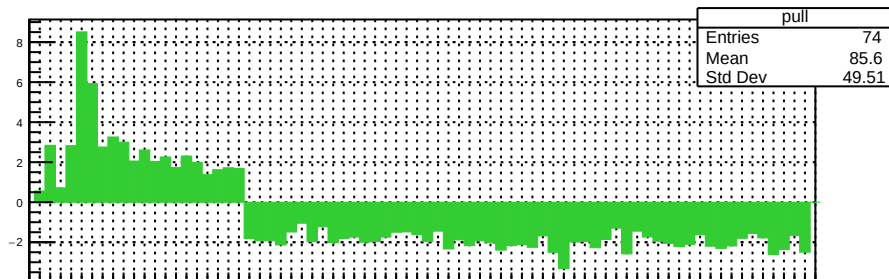
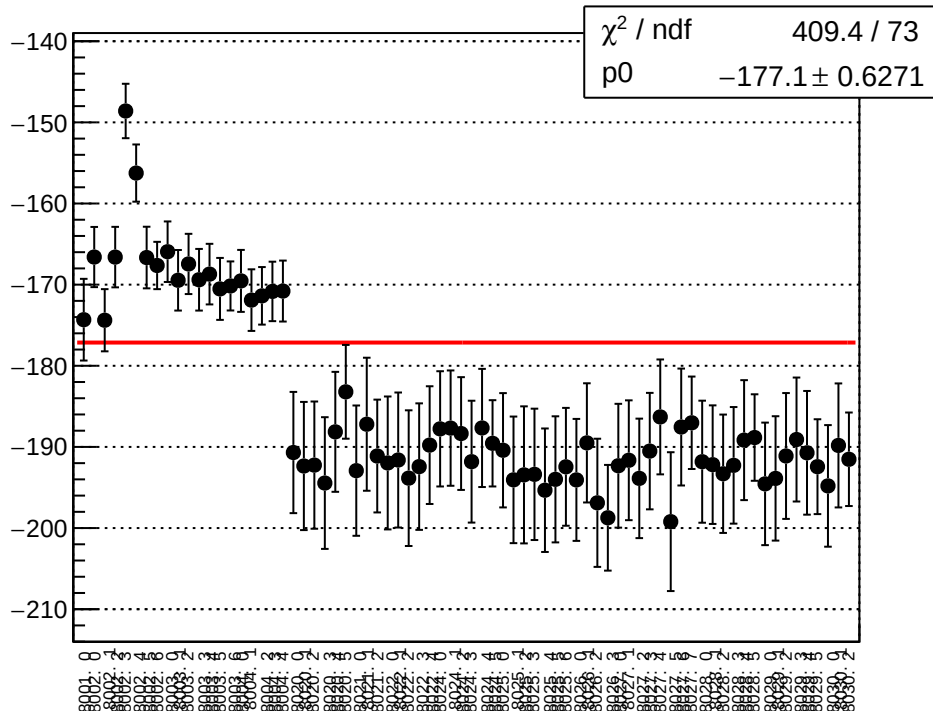
reg\_asym\_atr\_avg\_diff\_bpm4eX\_slope vs run



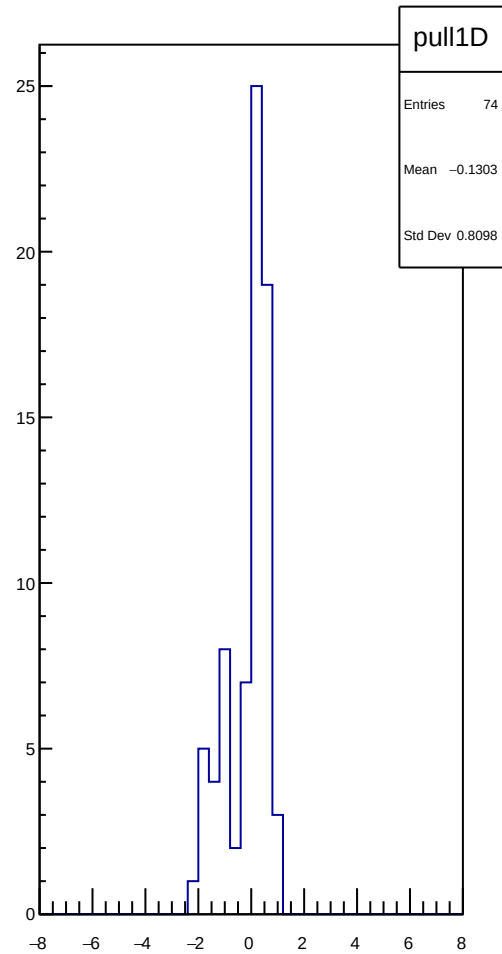
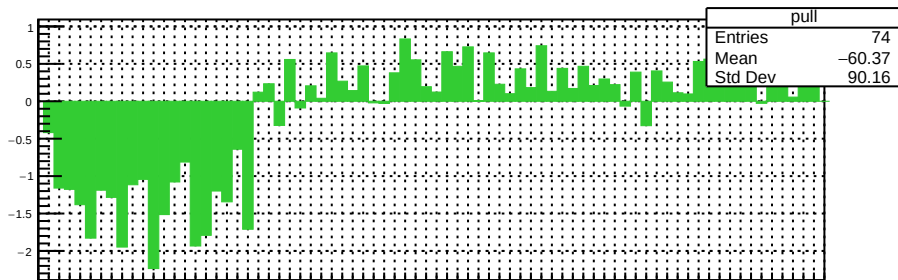
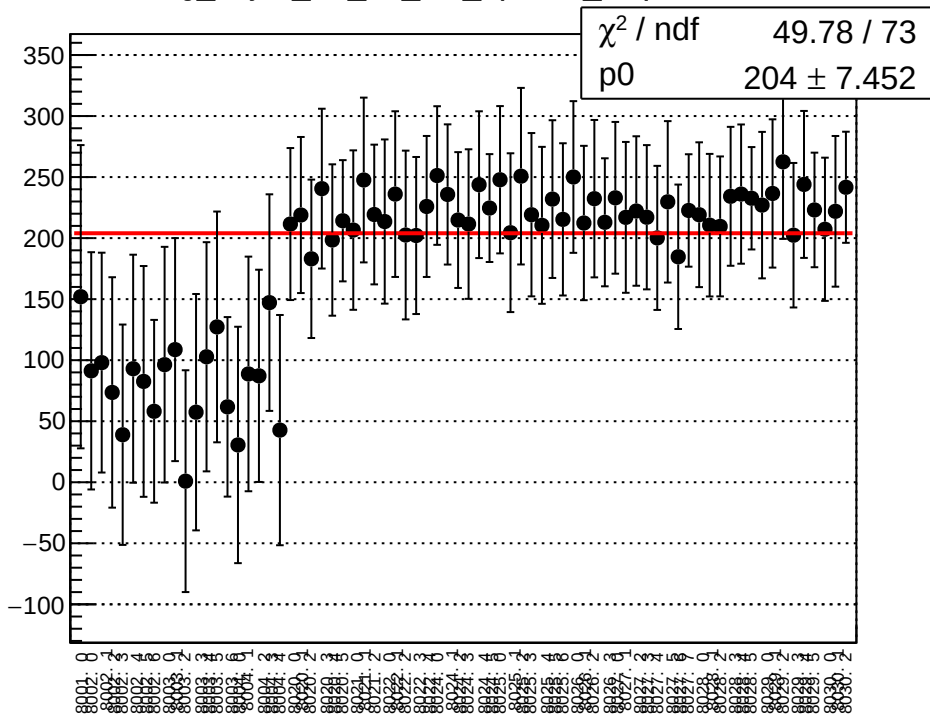
reg\_asym\_atr\_avg\_diff\_bpm4eY\_slope vs run



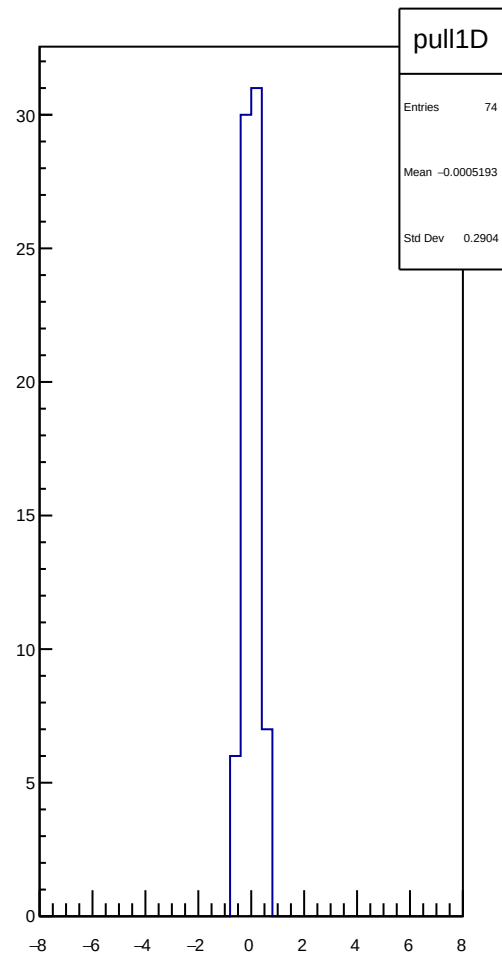
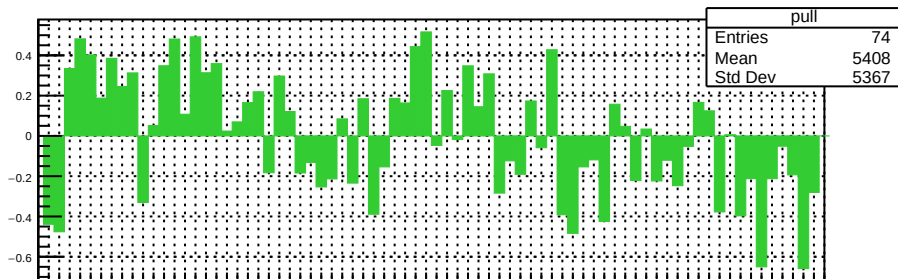
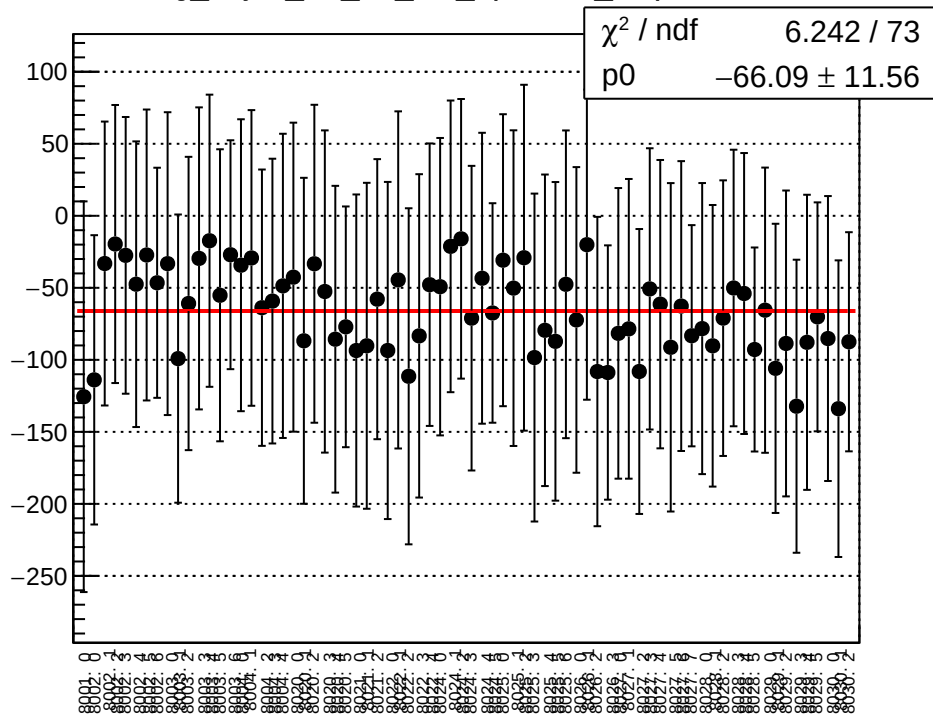
reg\_asym\_atr\_avg\_diff\_bpm12X\_slope vs run



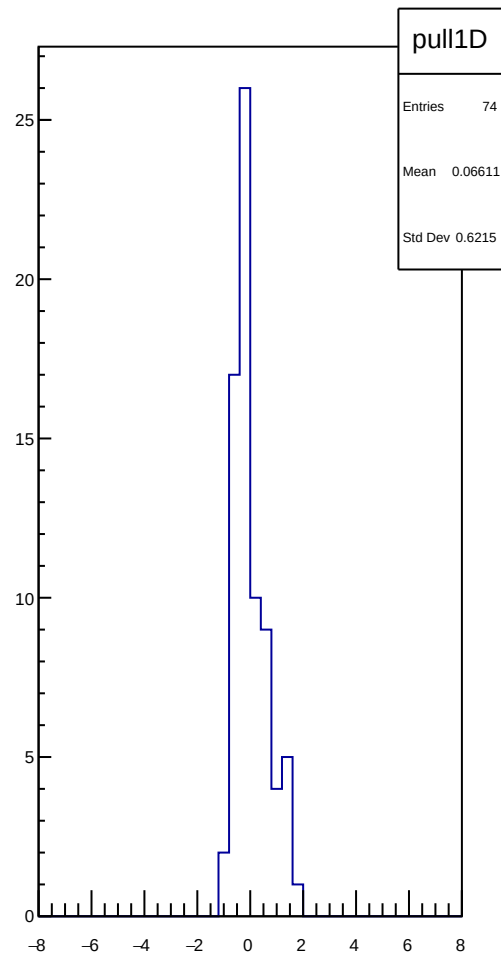
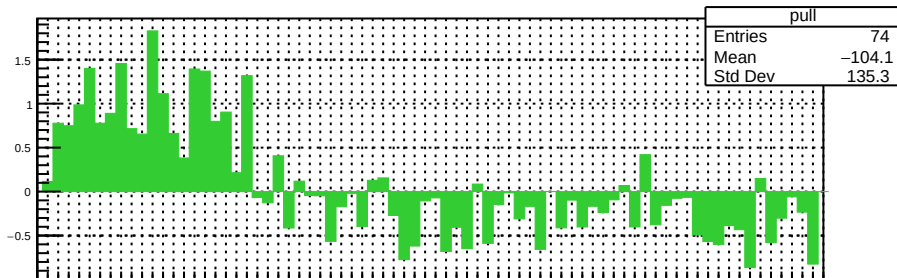
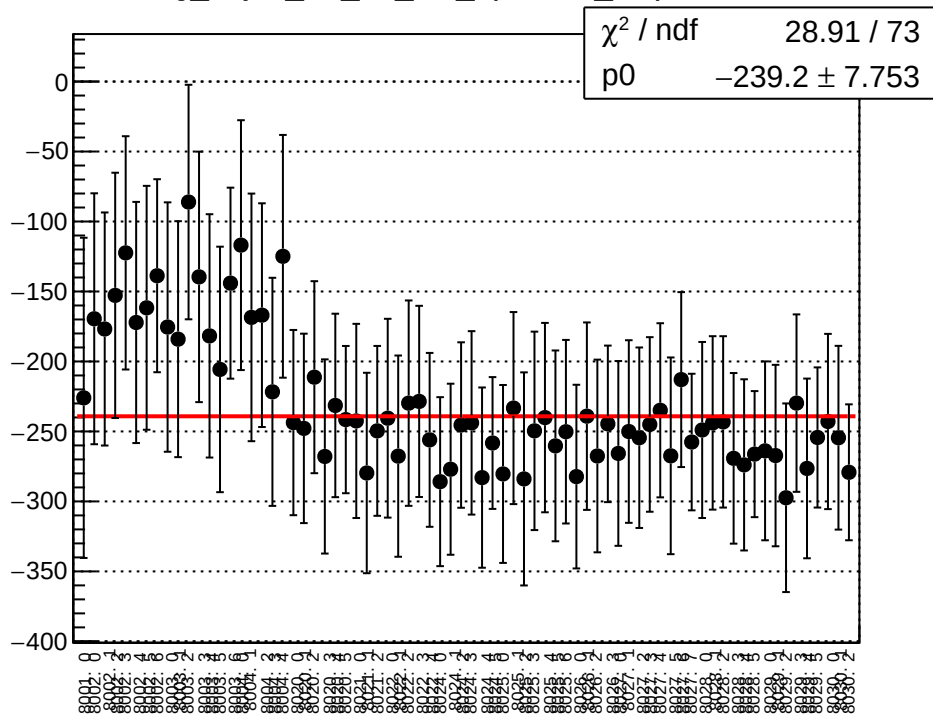
reg\_asym\_atr\_dd\_diff\_bpm1X\_slope vs run



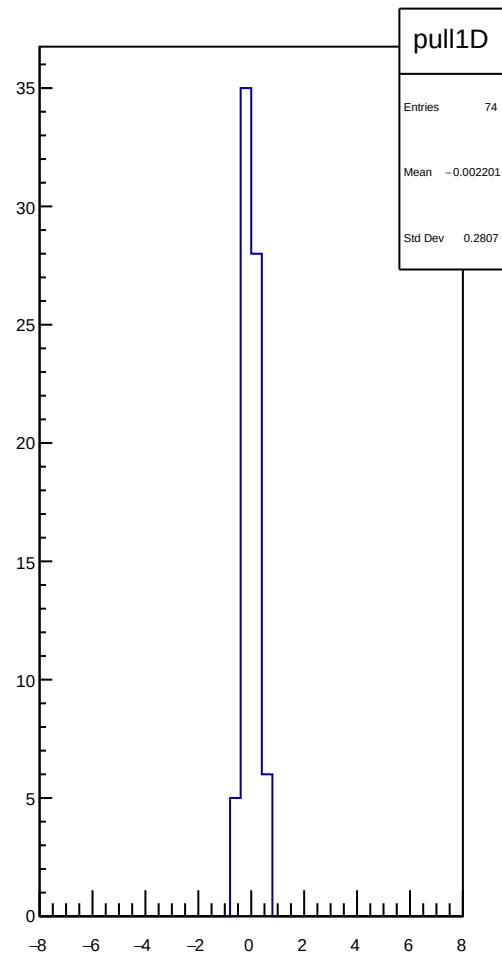
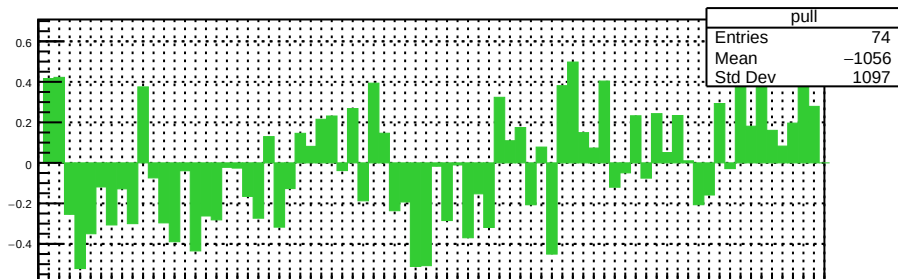
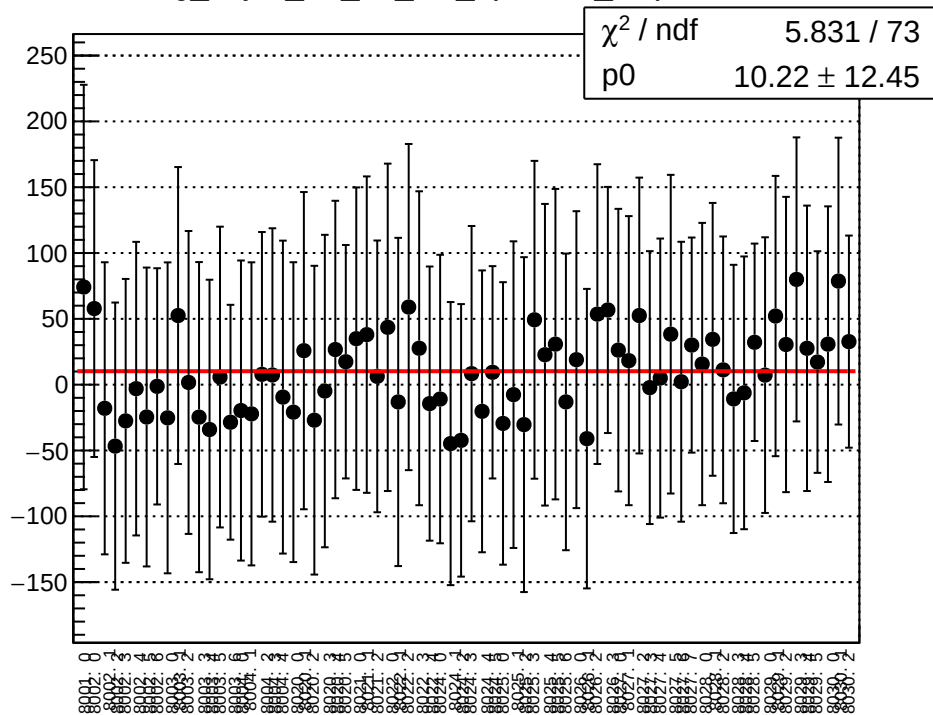
reg\_asym\_atr\_dd\_diff\_bpm4aY\_slope vs run



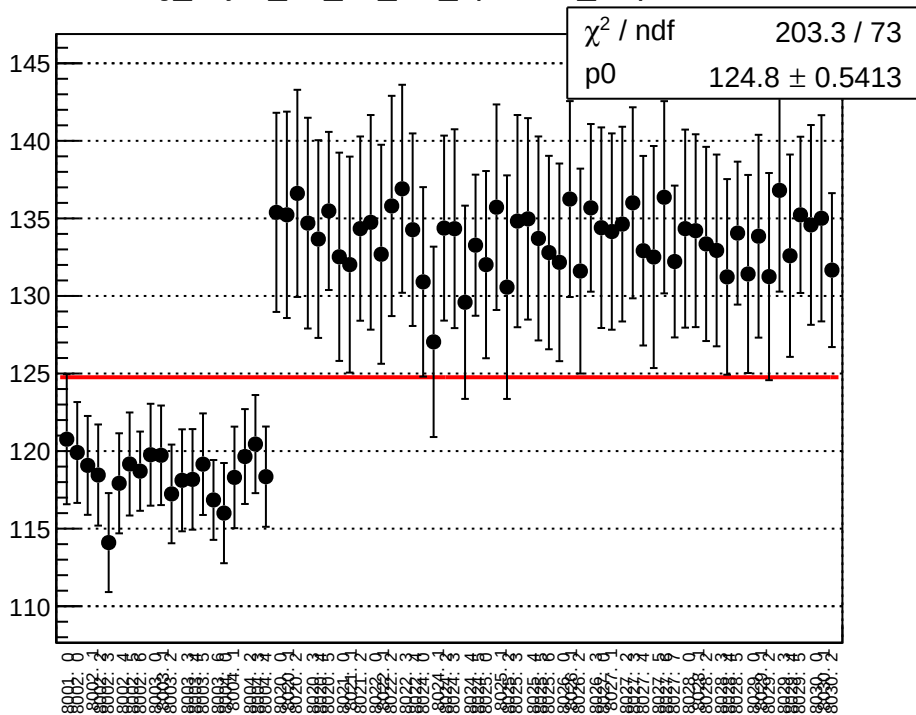
reg\_asym\_atr\_dd\_diff\_bpm4eX\_slope vs run



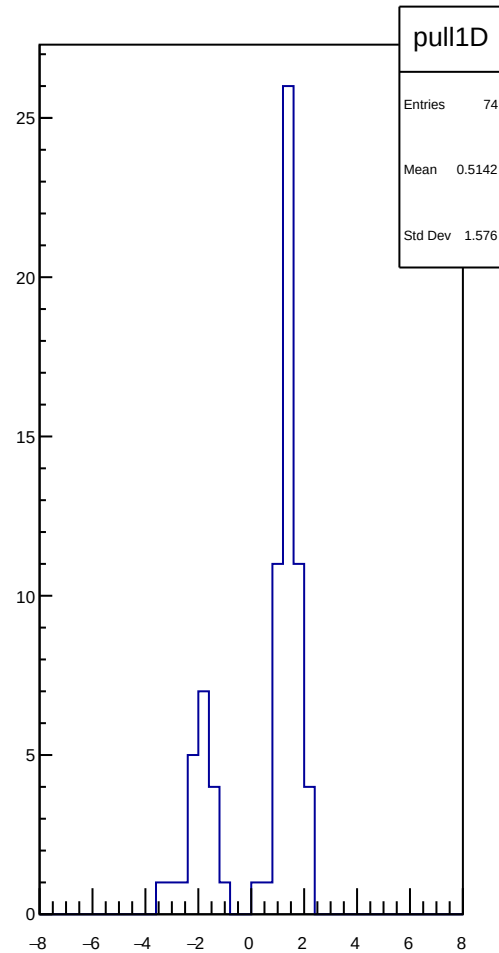
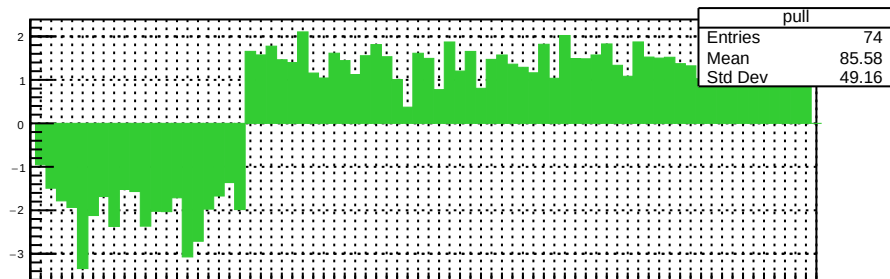
reg\_asym\_atr\_dd\_diff\_bpm4eY\_slope vs run



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

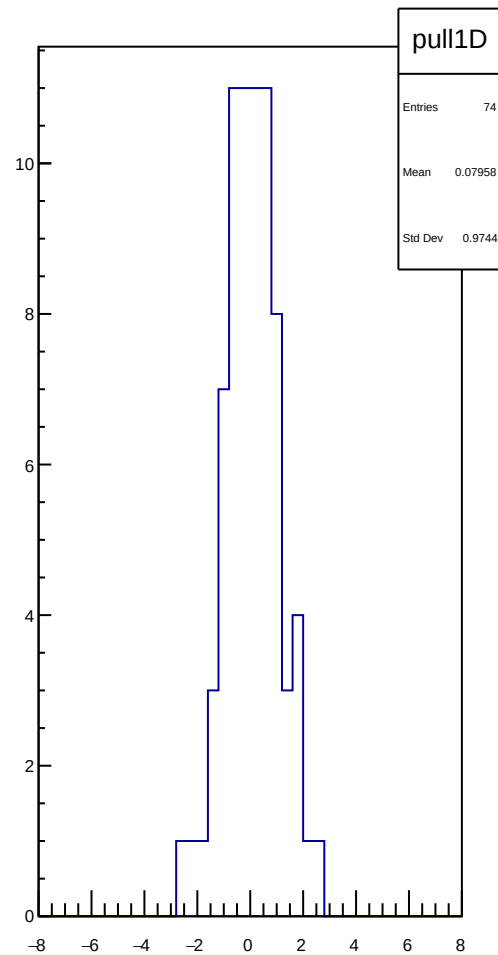
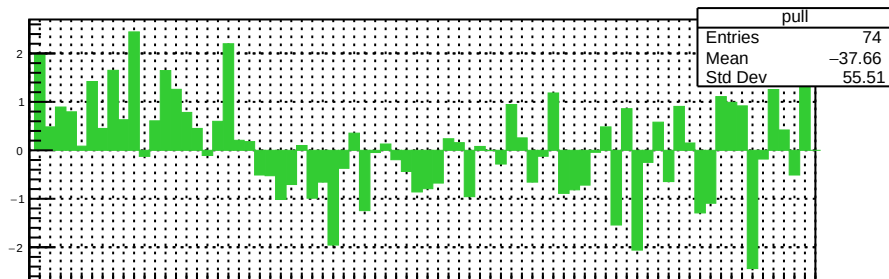
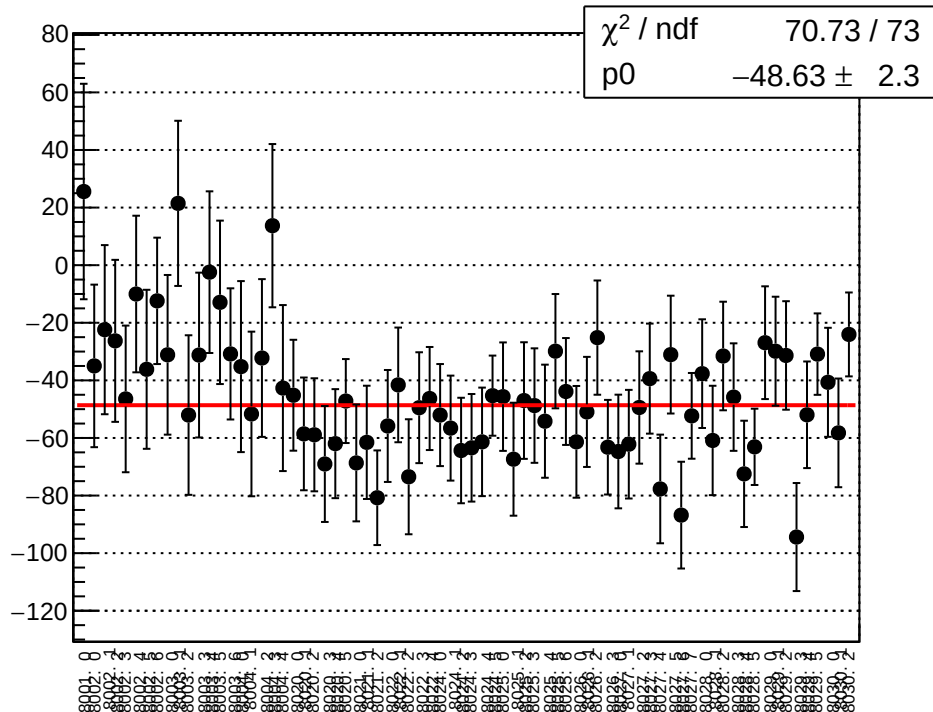


$\chi^2 / \text{ndf}$  203.3 / 73  
 $p_0$   $124.8 \pm 0.5413$

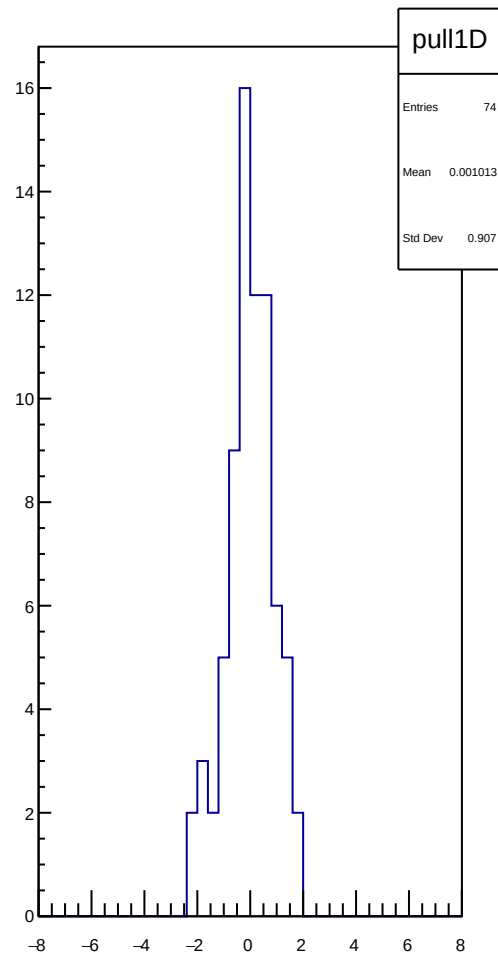
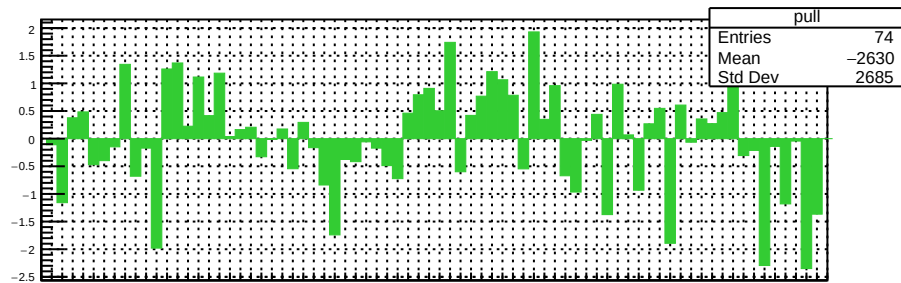
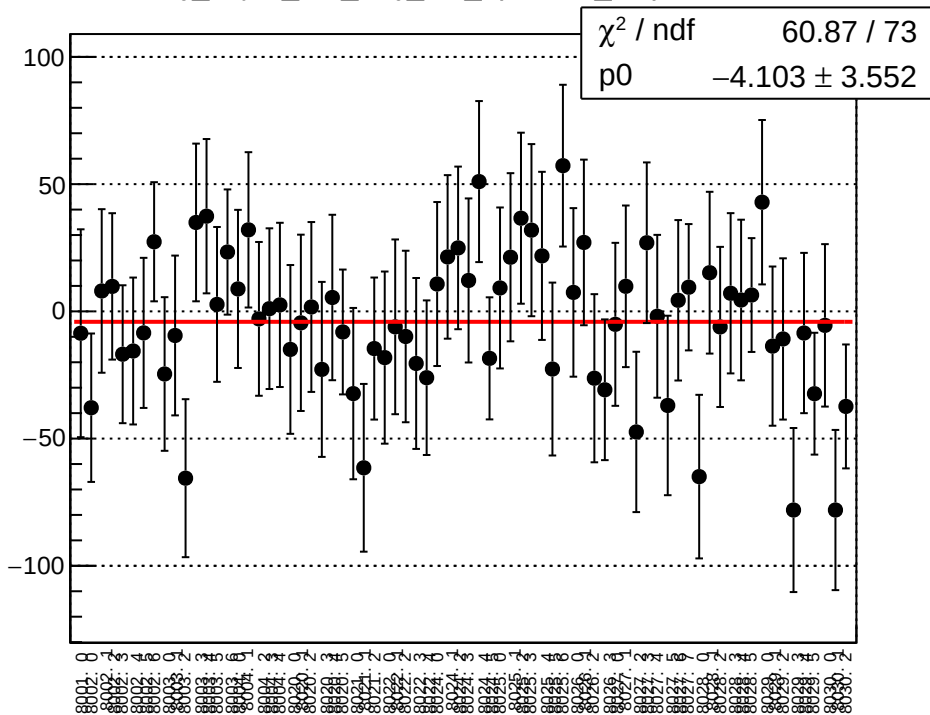




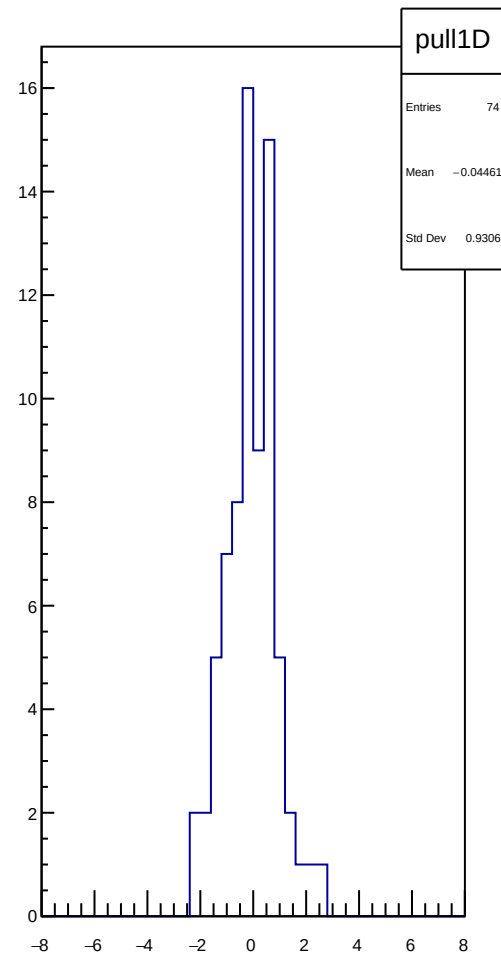
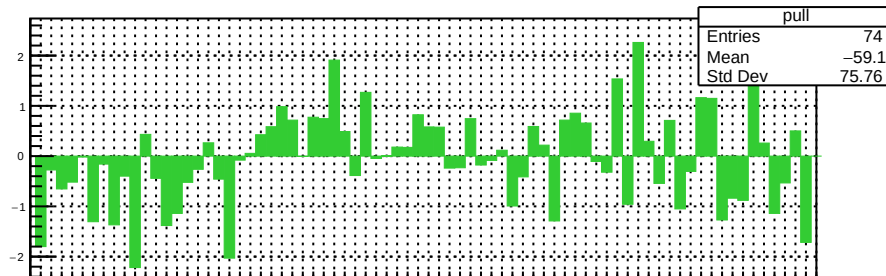
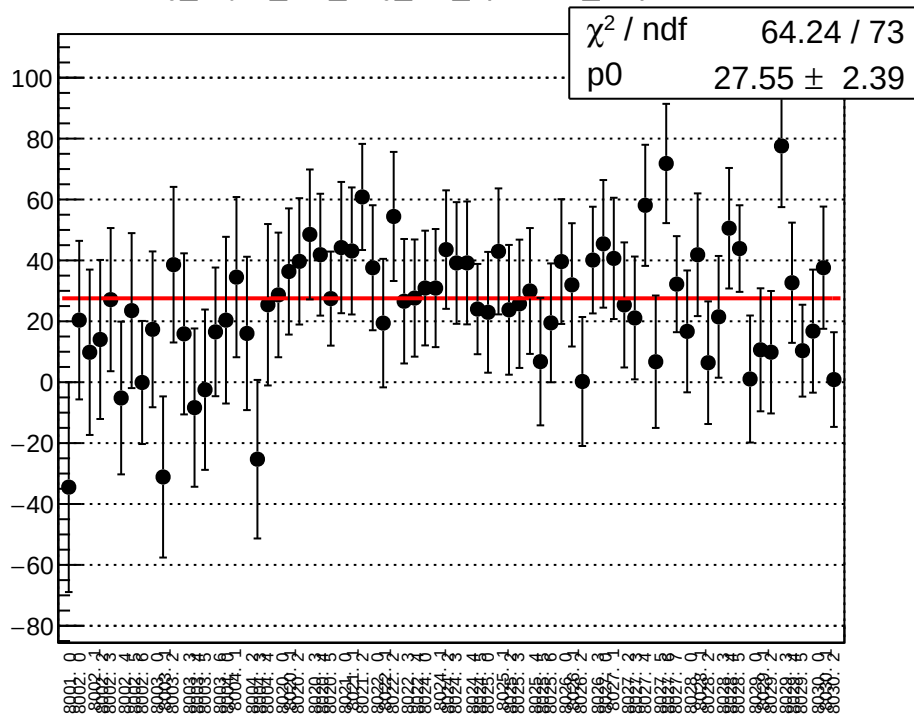
reg\_asym\_at1\_avg\_diff\_bpm1X\_slope vs run



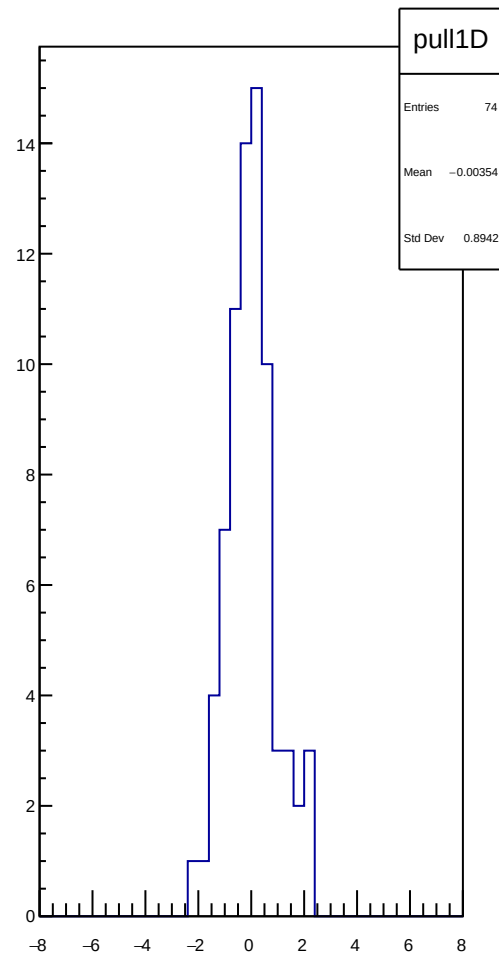
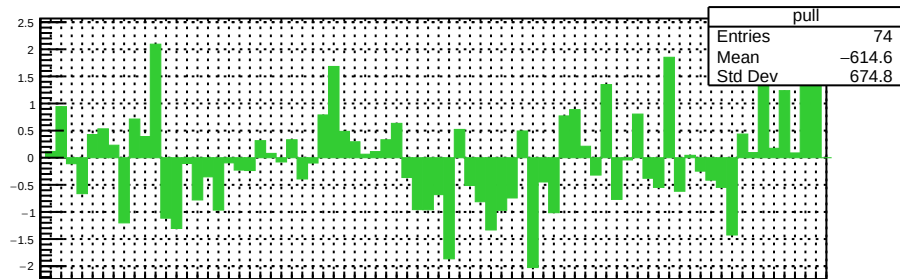
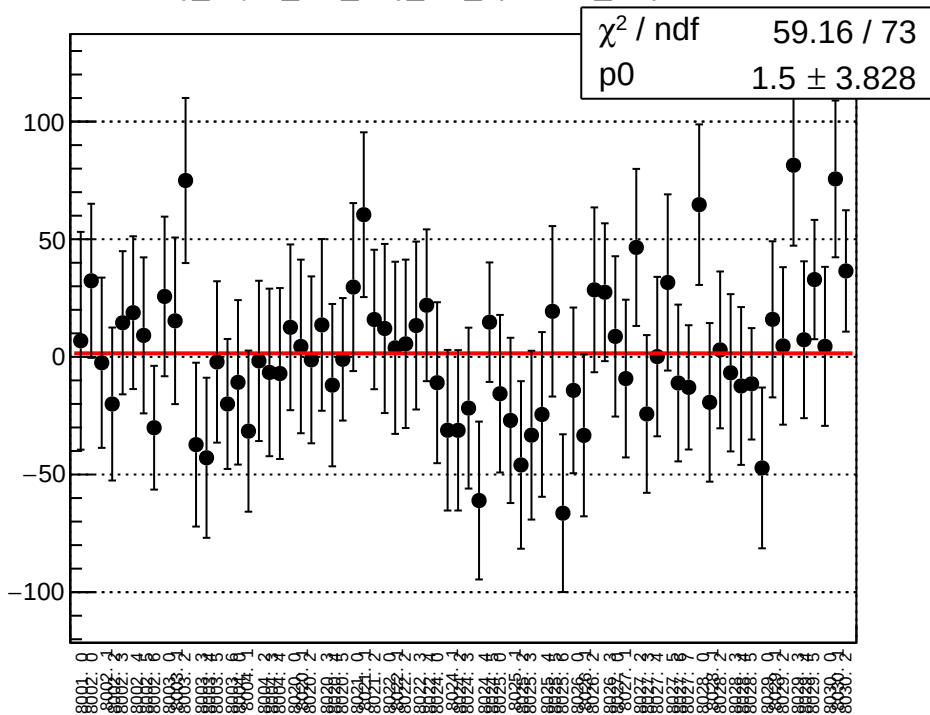
reg\_asym\_at1\_avg\_diff\_bpm4aY\_slope vs run



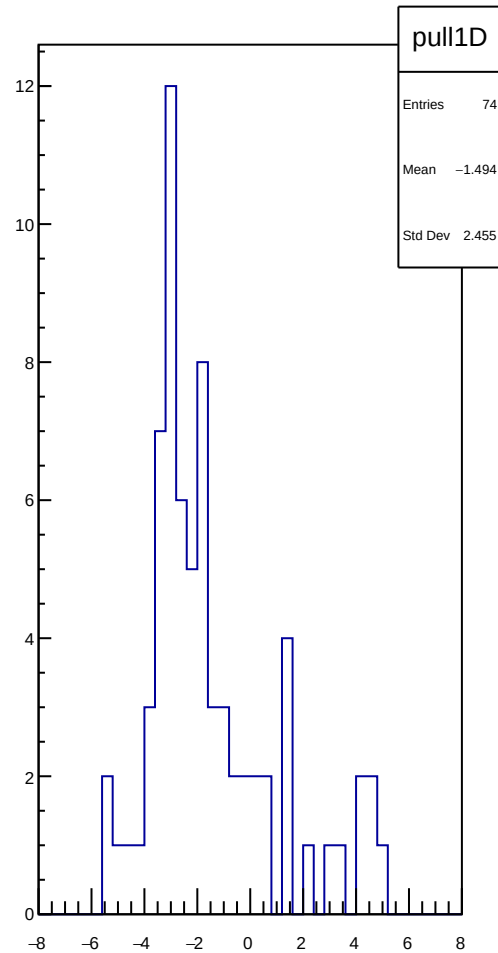
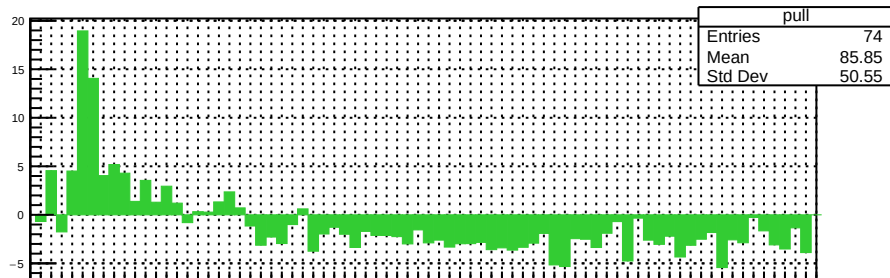
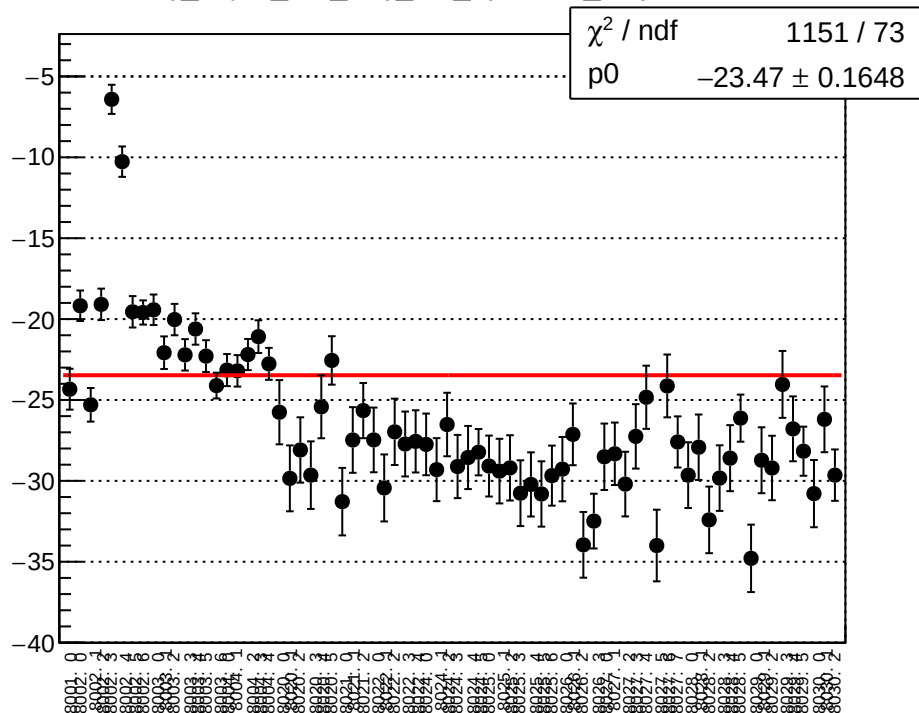
reg\_asym\_at1\_avg\_diff\_bpm4eX\_slope vs run



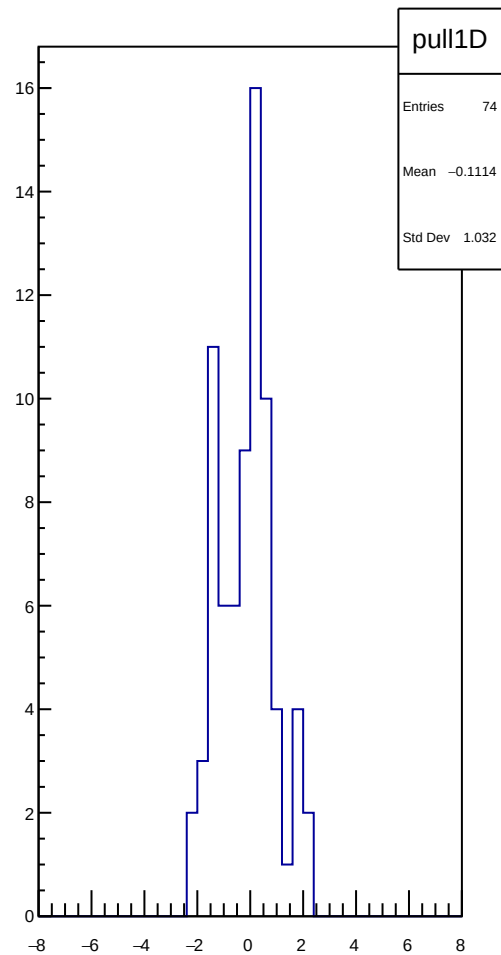
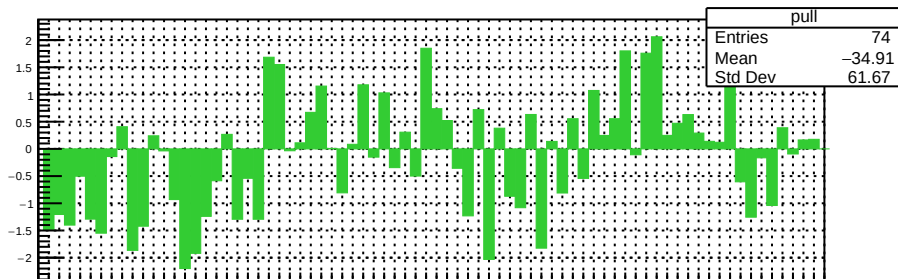
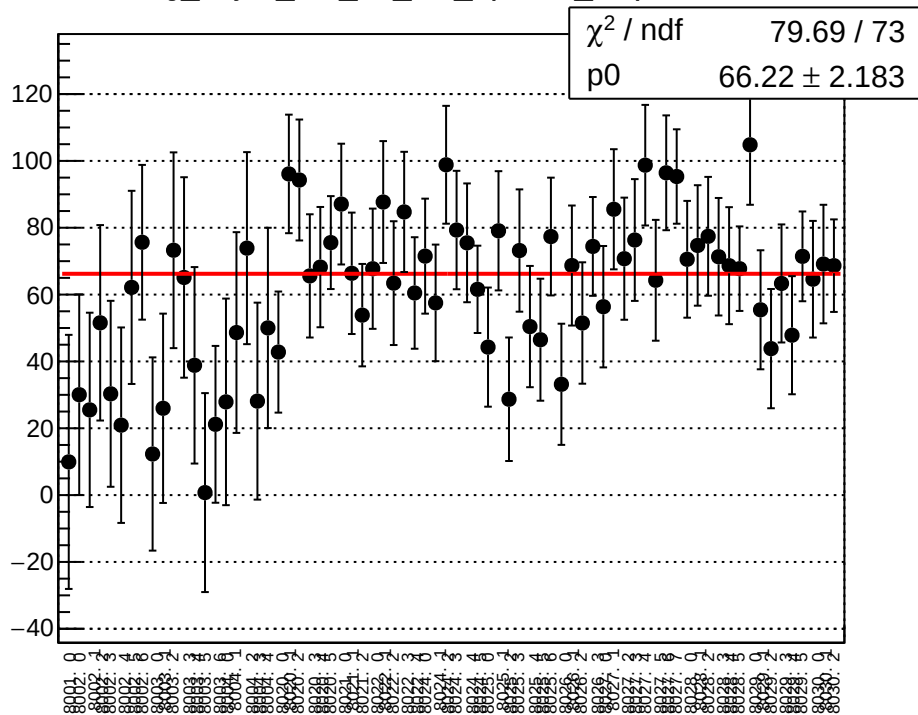
reg\_asym\_at1\_avg\_diff\_bpm4eY\_slope vs run



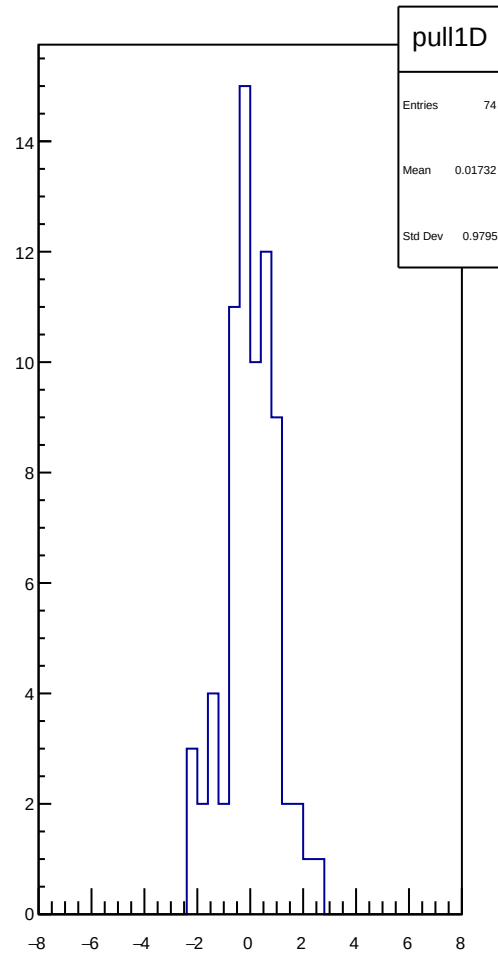
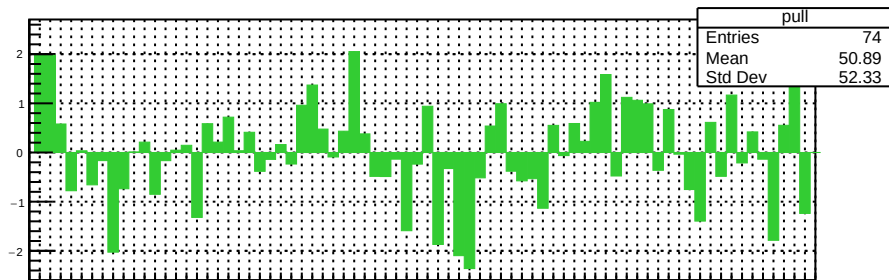
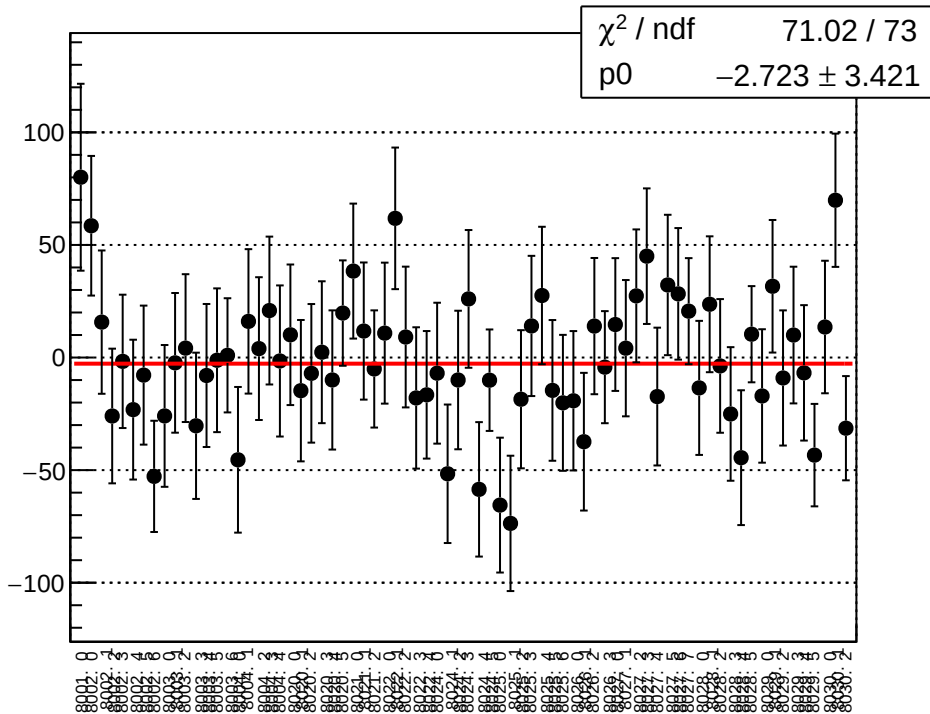
reg\_asym\_at1\_avg\_diff\_bpm12X\_slope vs run



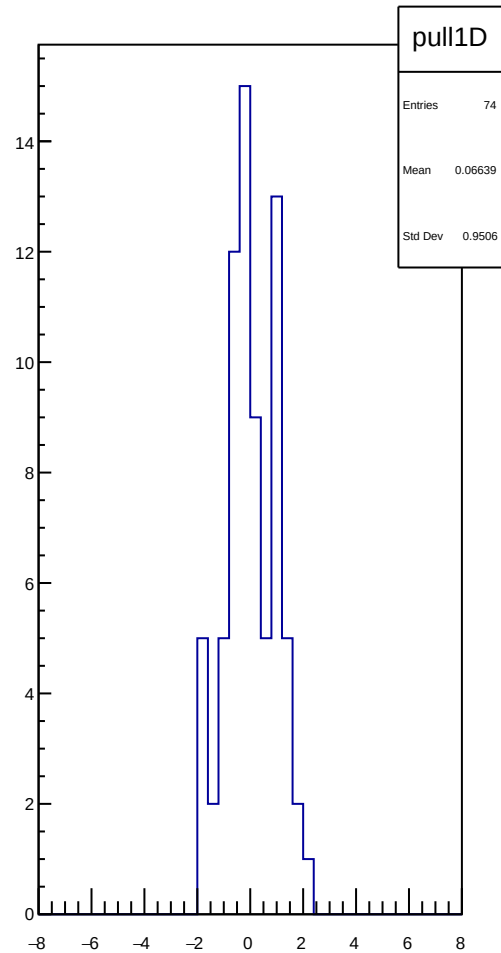
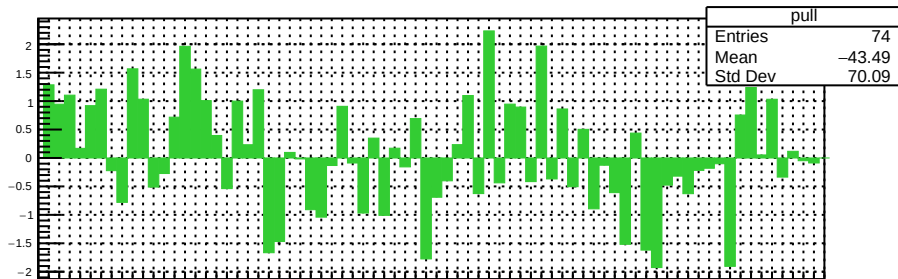
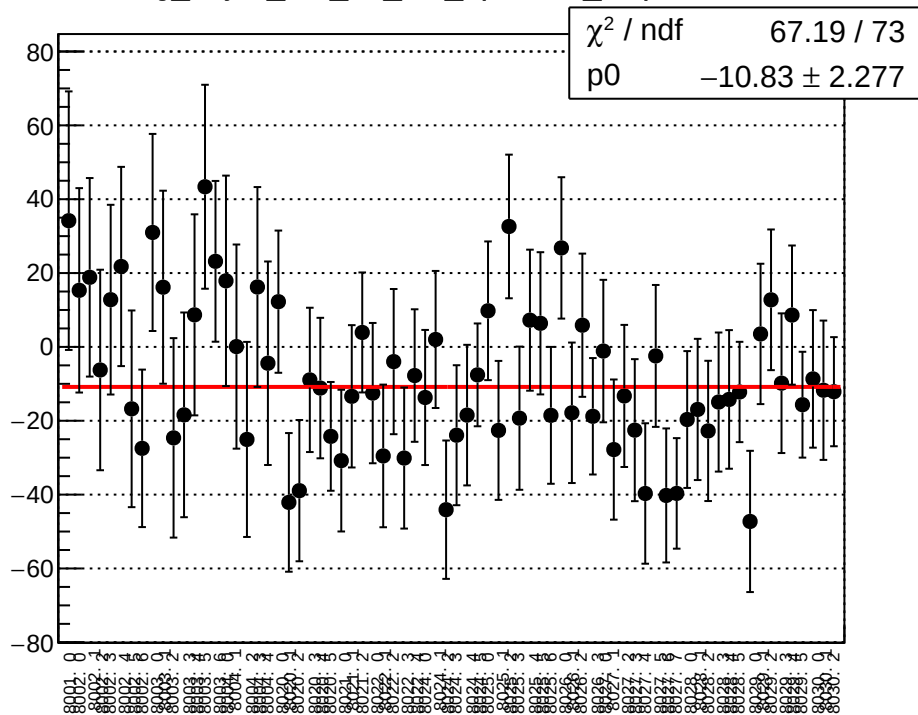
reg\_asym\_at1\_dd\_diff\_bpm1X\_slope vs run



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

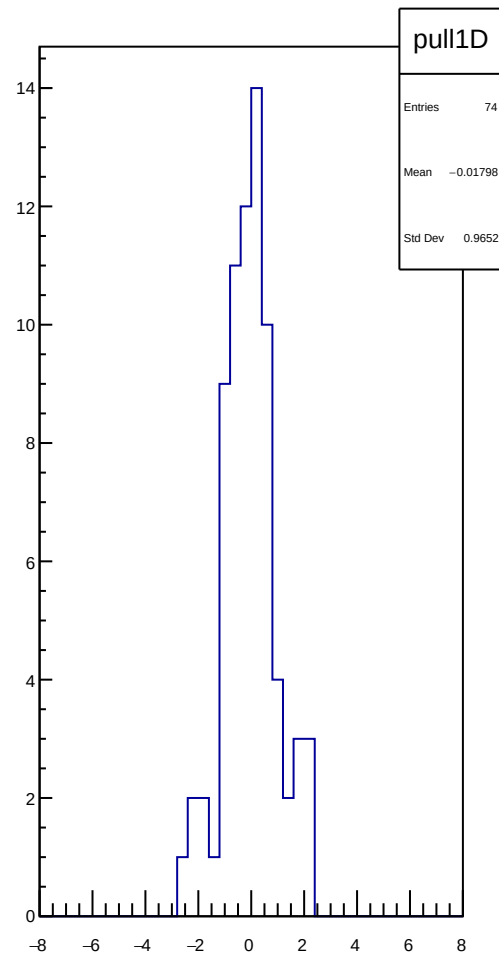
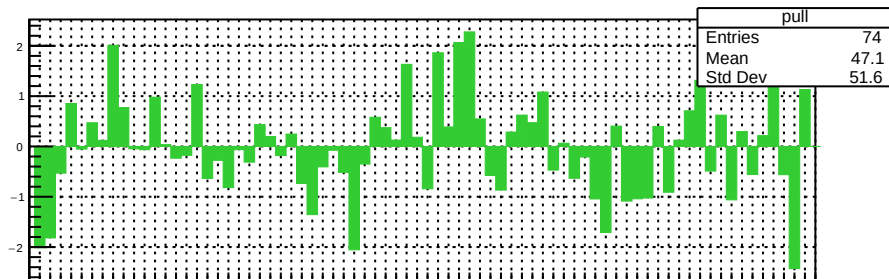
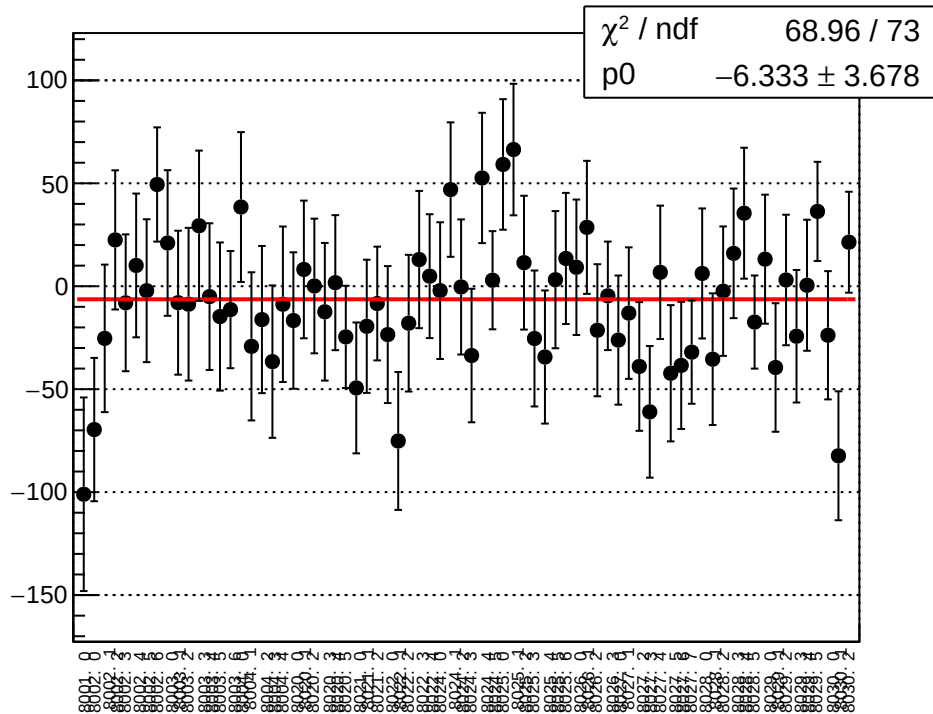


reg\_asym\_at1\_dd\_diff\_bpm4eX\_slope vs run

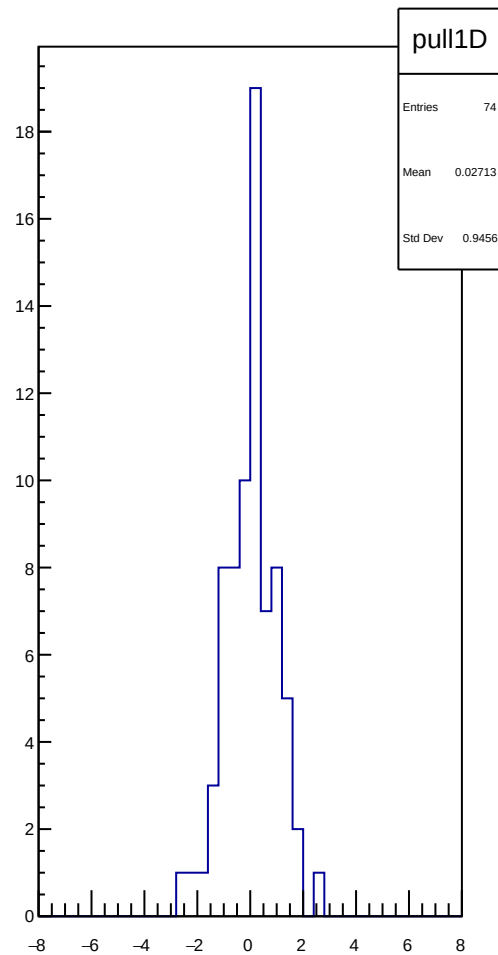
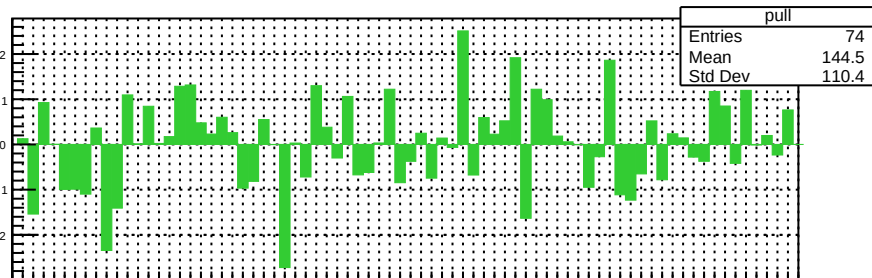
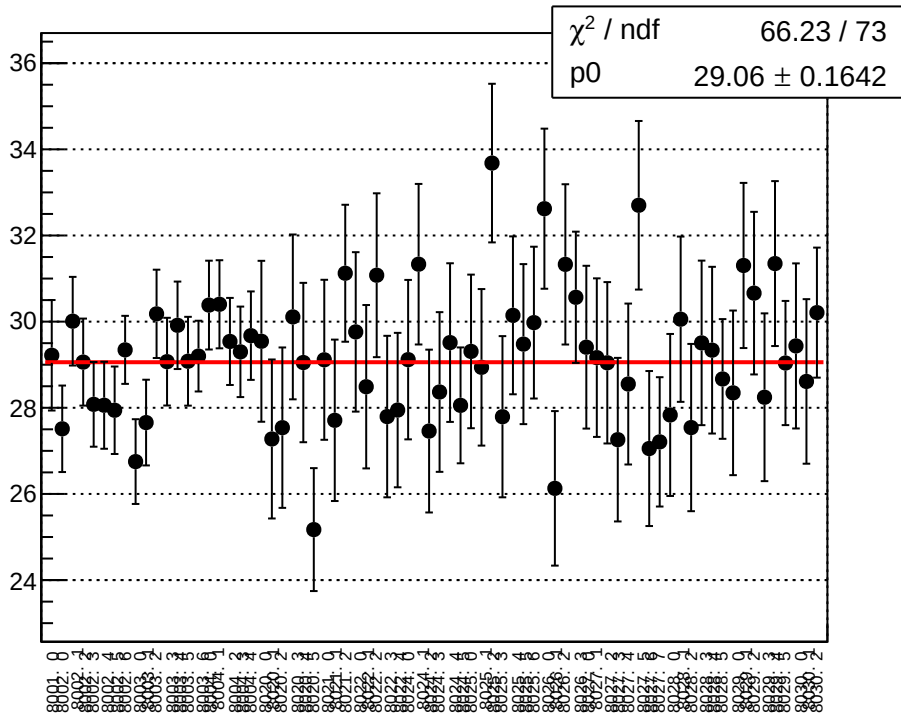




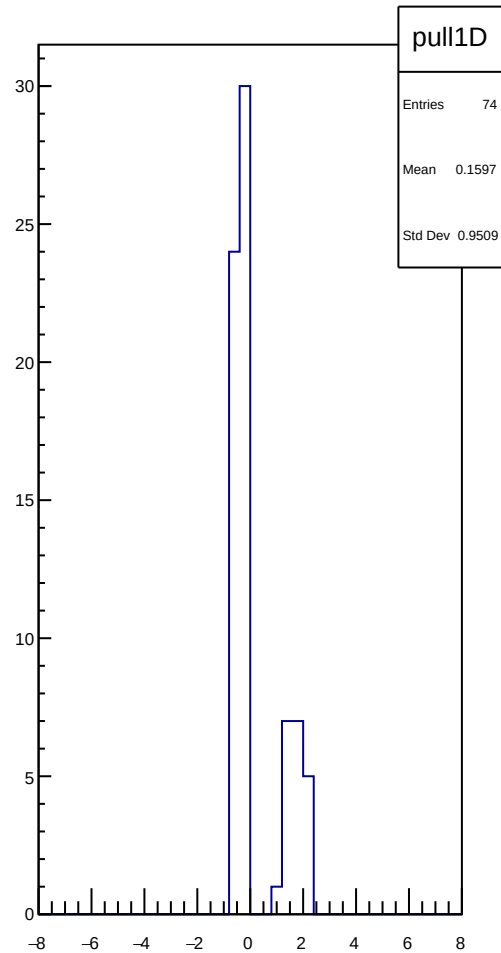
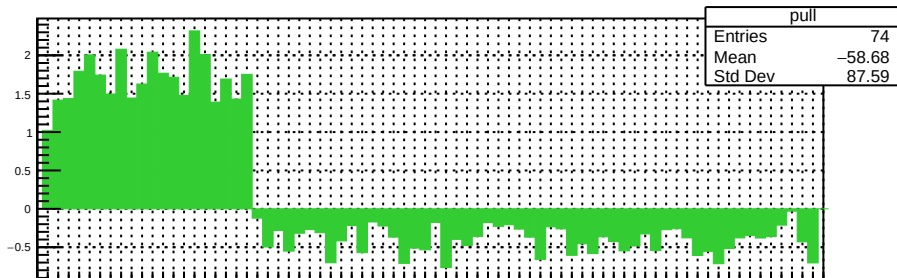
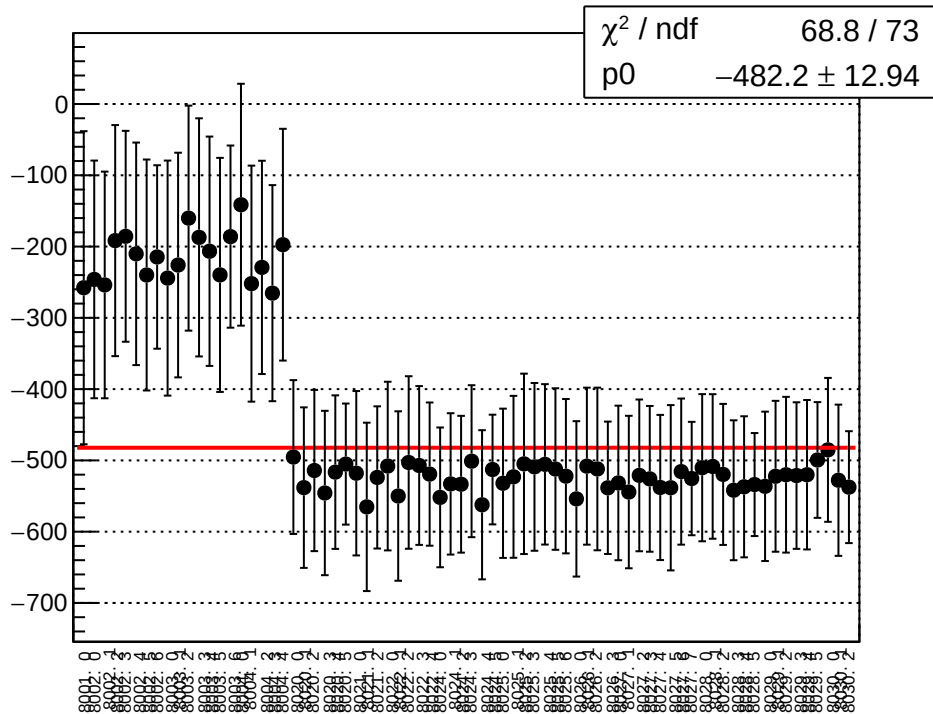
reg\_asym\_at1\_dd\_diff\_bpm4eY\_slope vs run



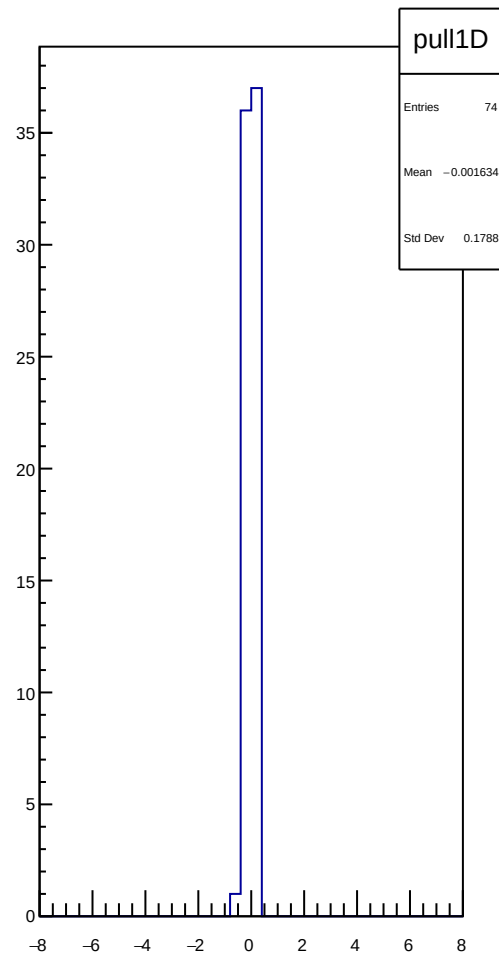
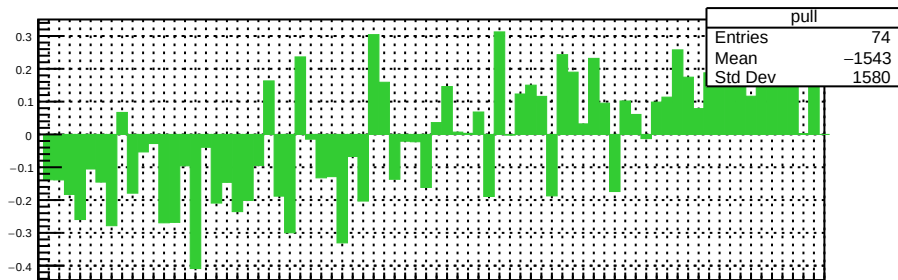
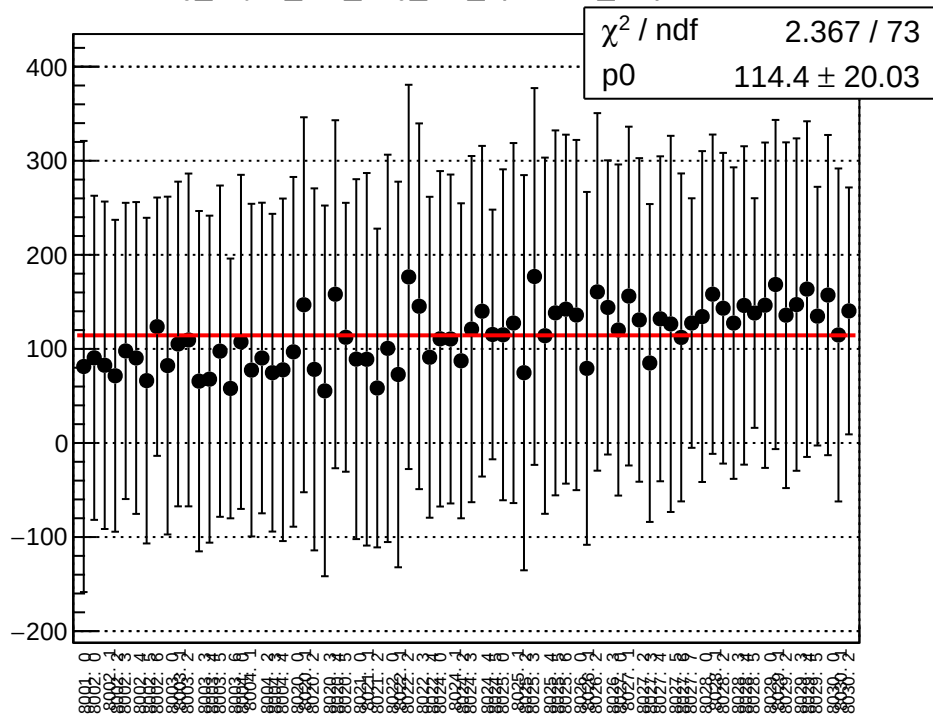
reg\_asym\_at1\_dd\_diff\_bpm12X\_slope vs run



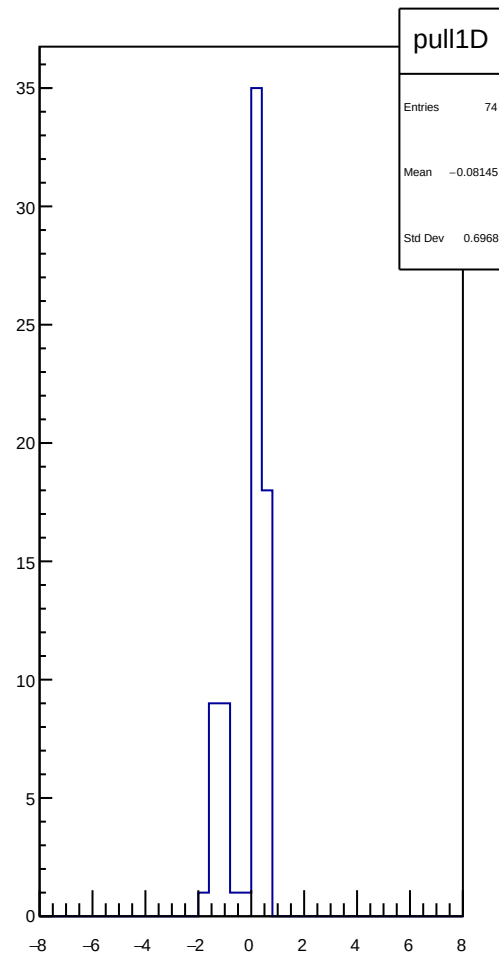
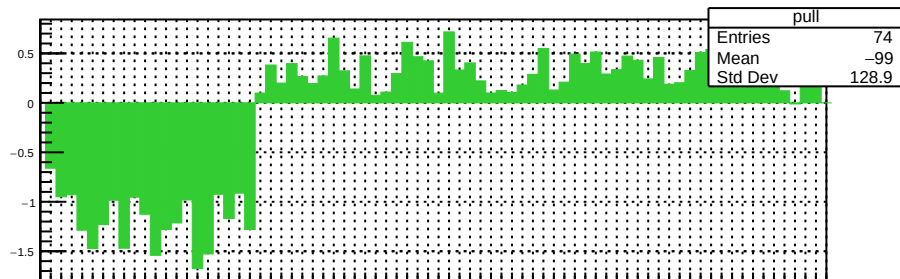
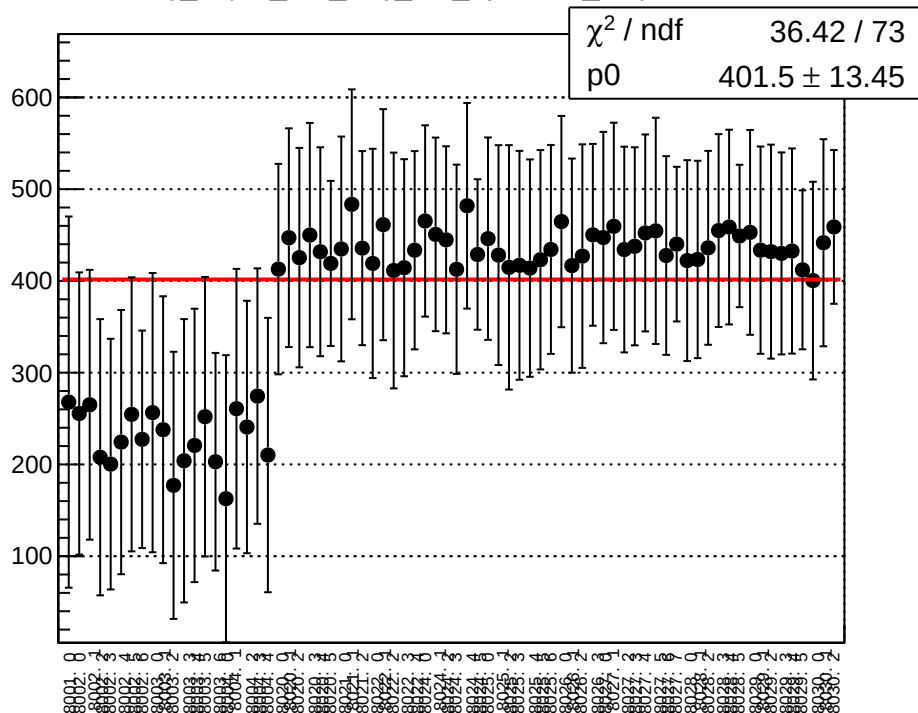
reg\_asym\_at2\_avg\_diff\_bpm1X\_slope vs run



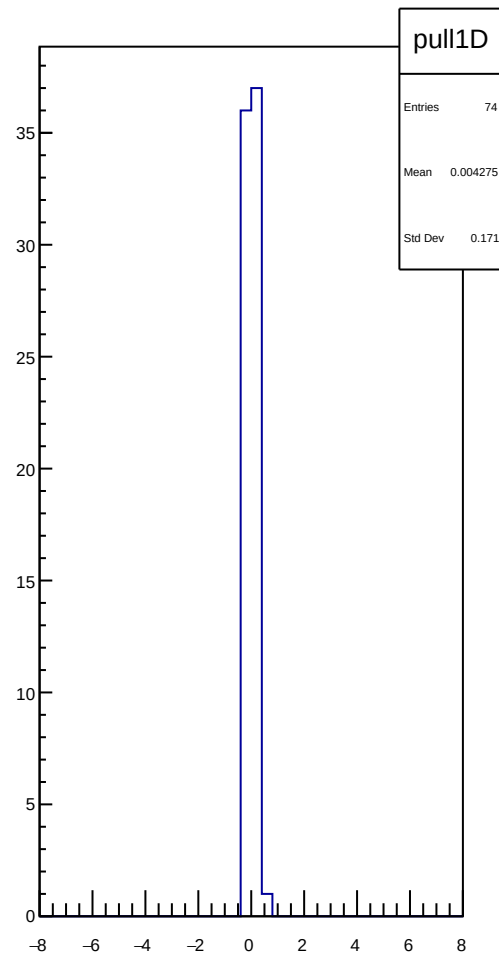
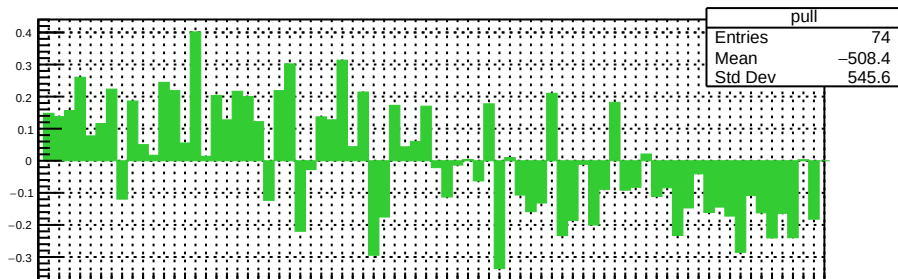
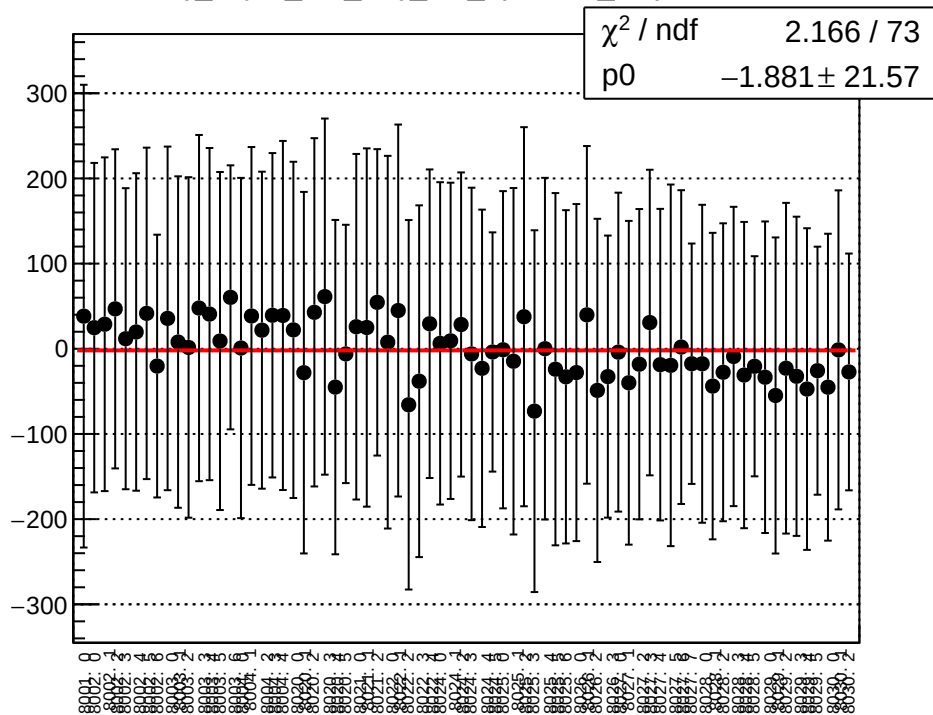
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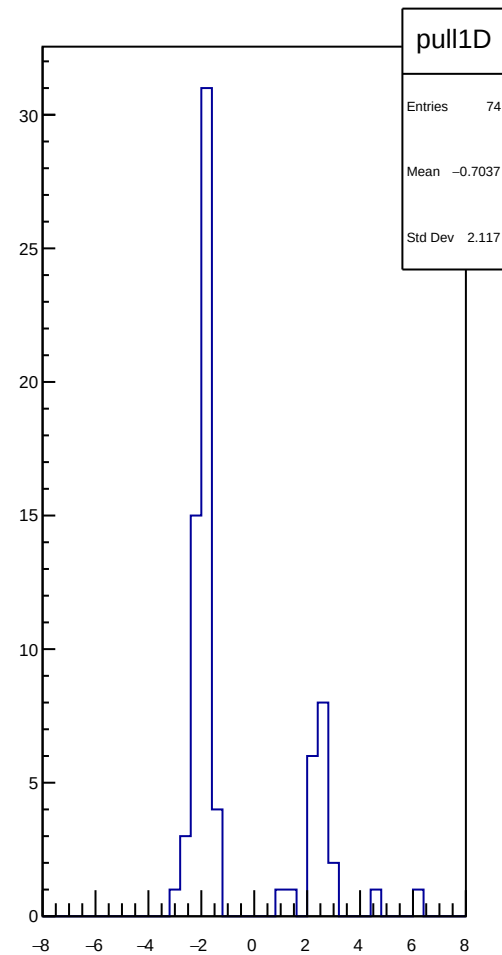
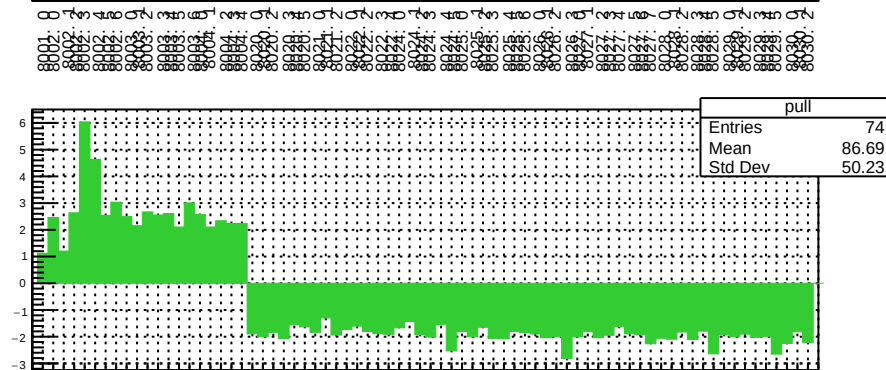
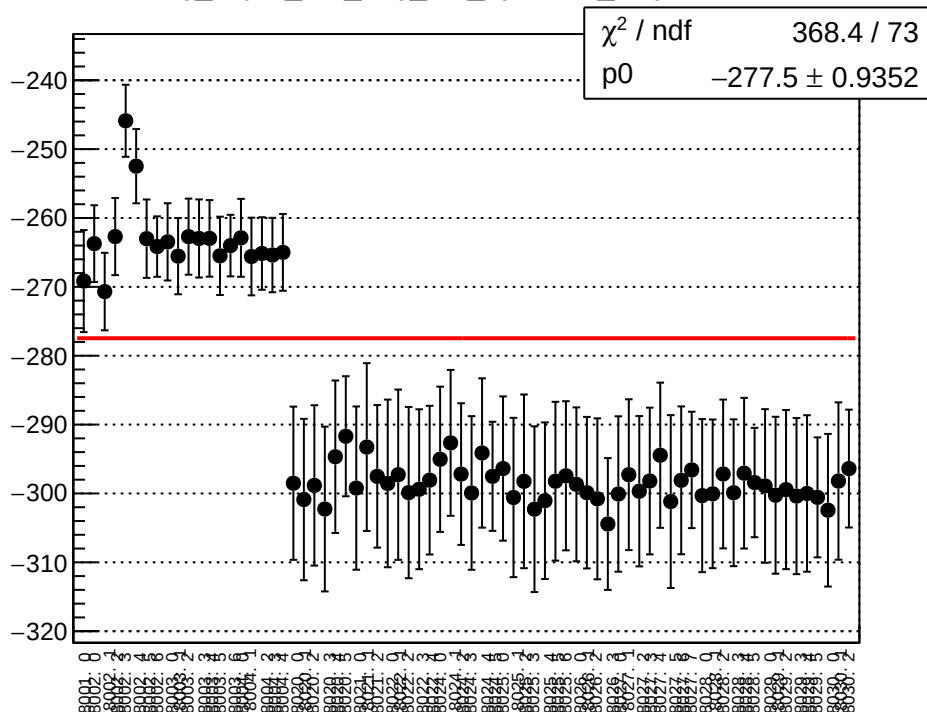
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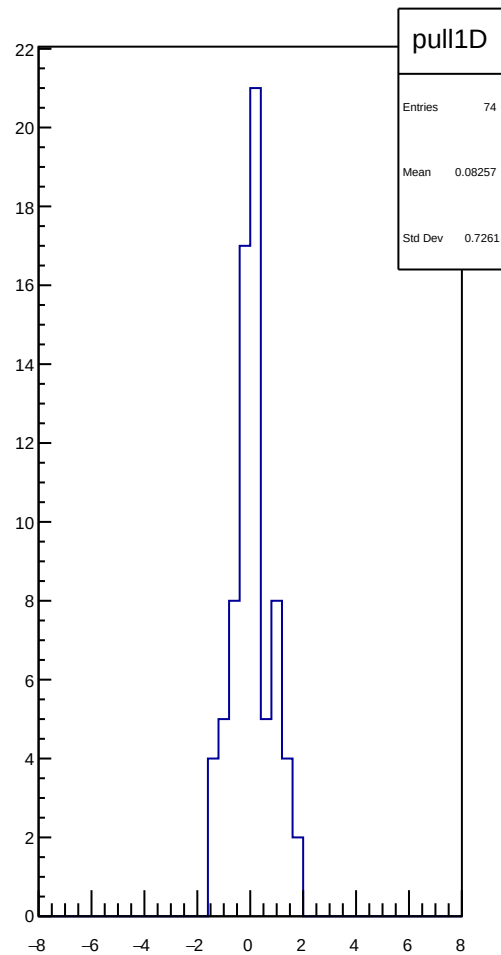
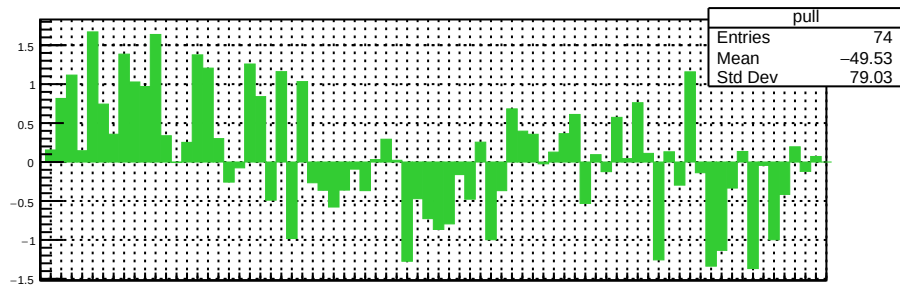
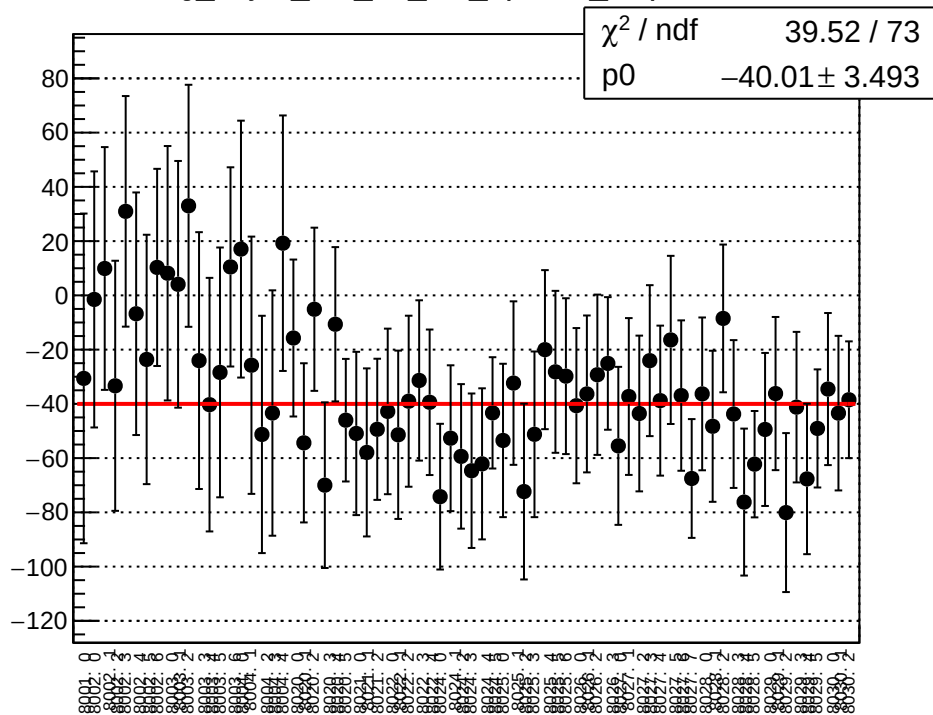
reg\_asym\_at2\_avg\_diff\_bpm4eY\_slope vs run



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

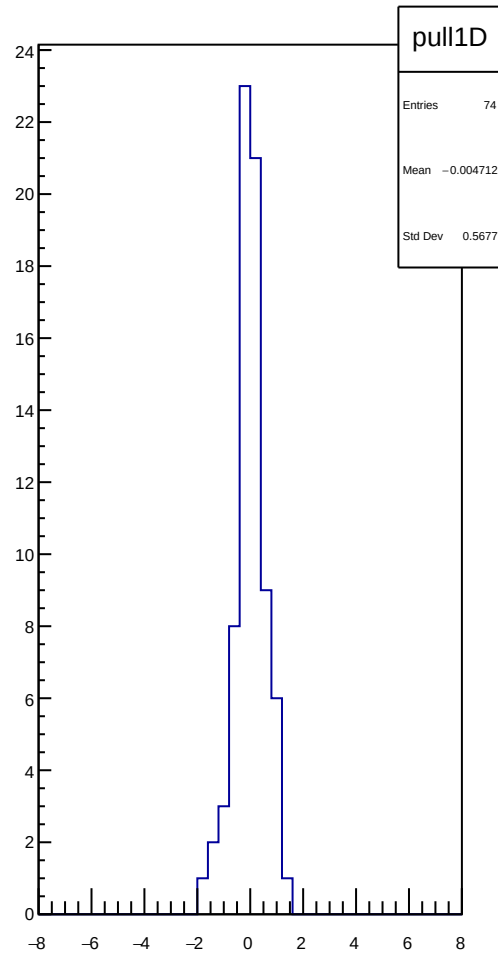
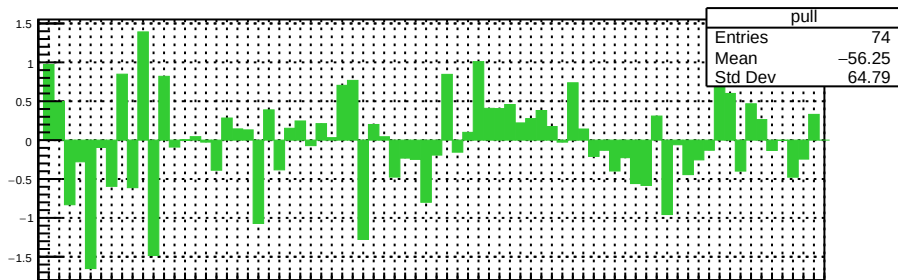
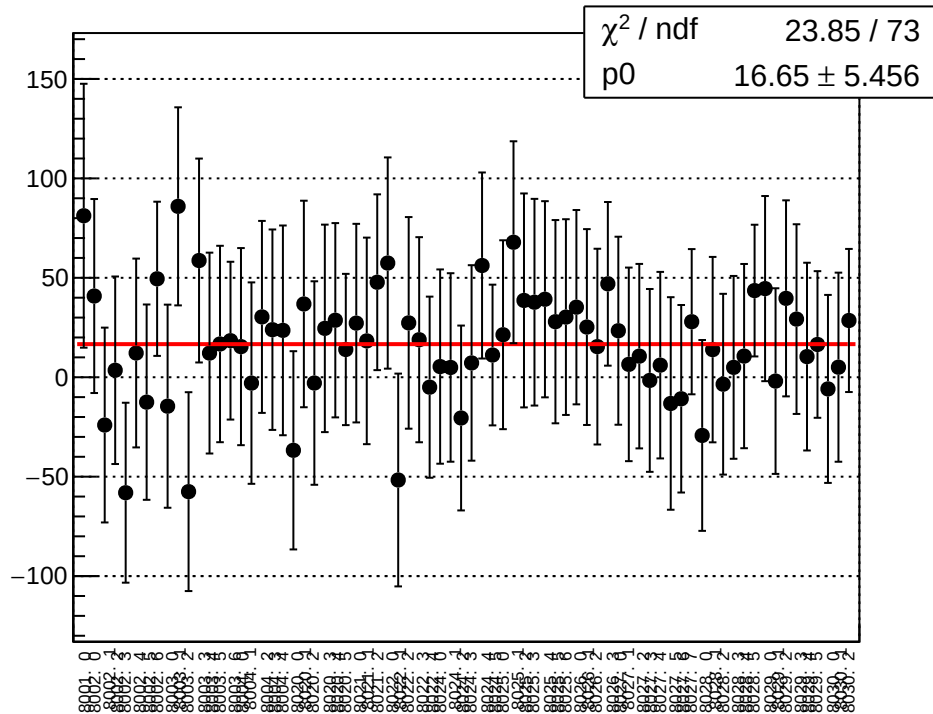


reg\_asym\_at2\_dd\_diff\_bpm1X\_slope vs run

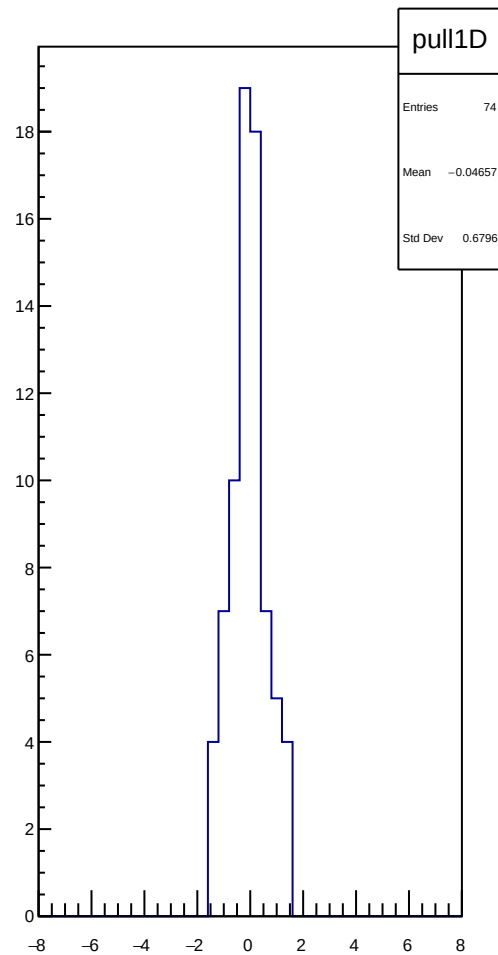
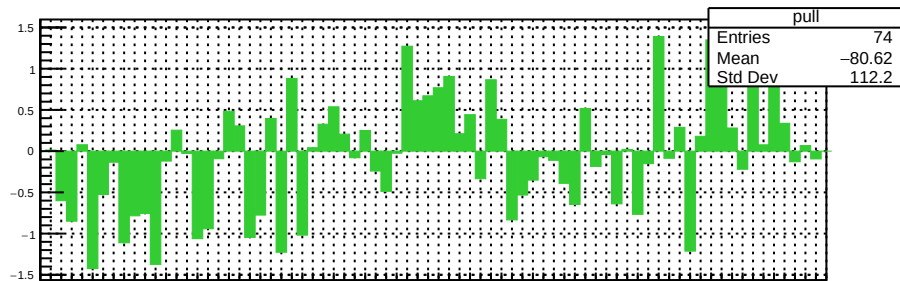
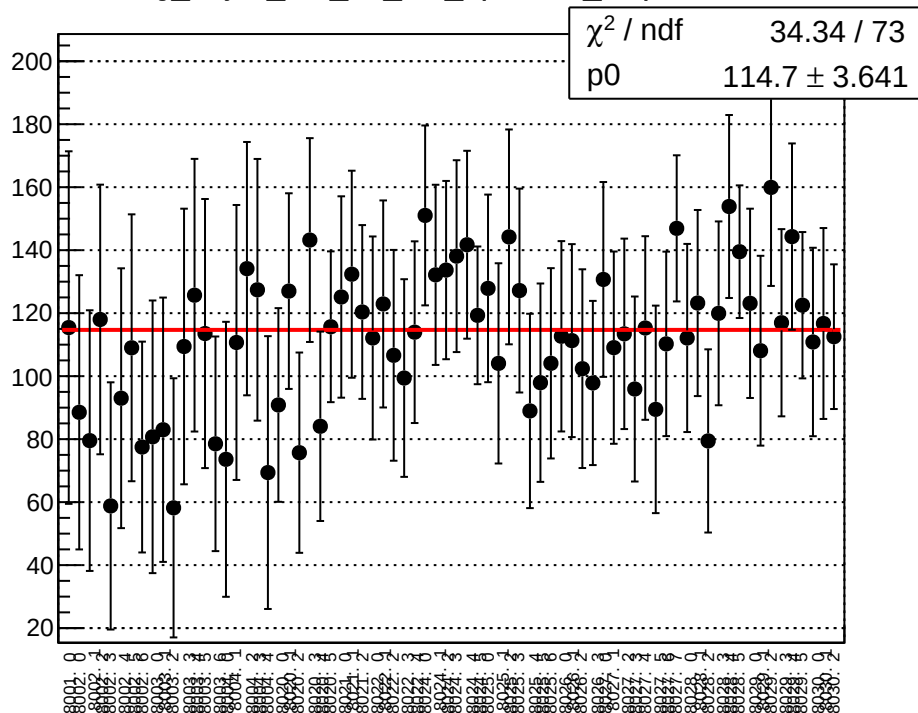




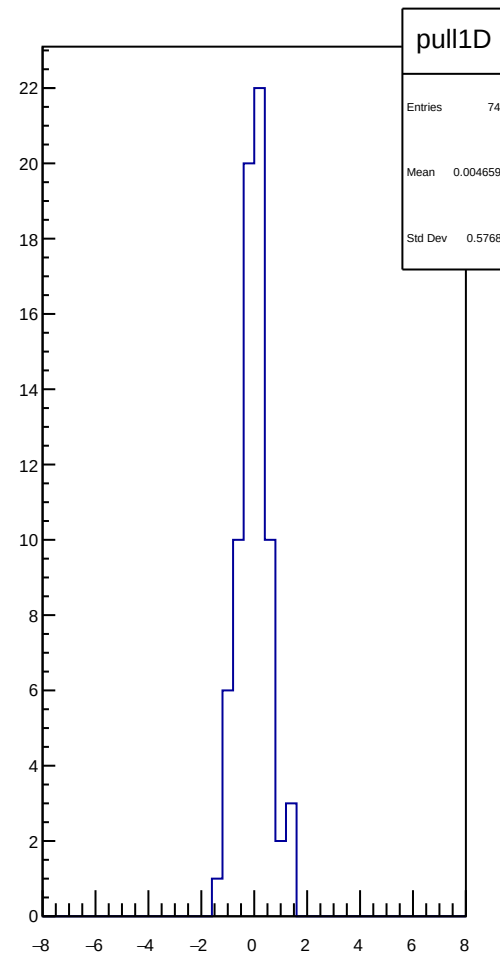
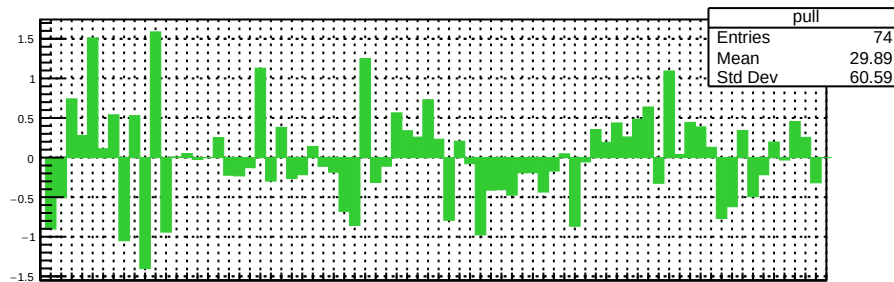
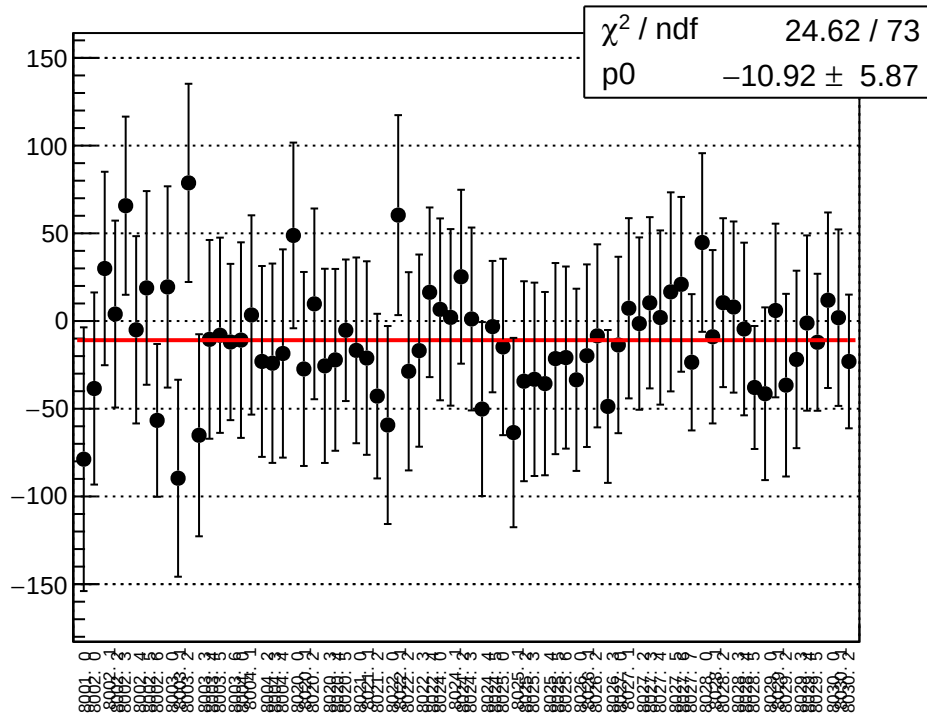
reg\_asym\_at2\_dd\_diff\_bpm4aY\_slope vs run



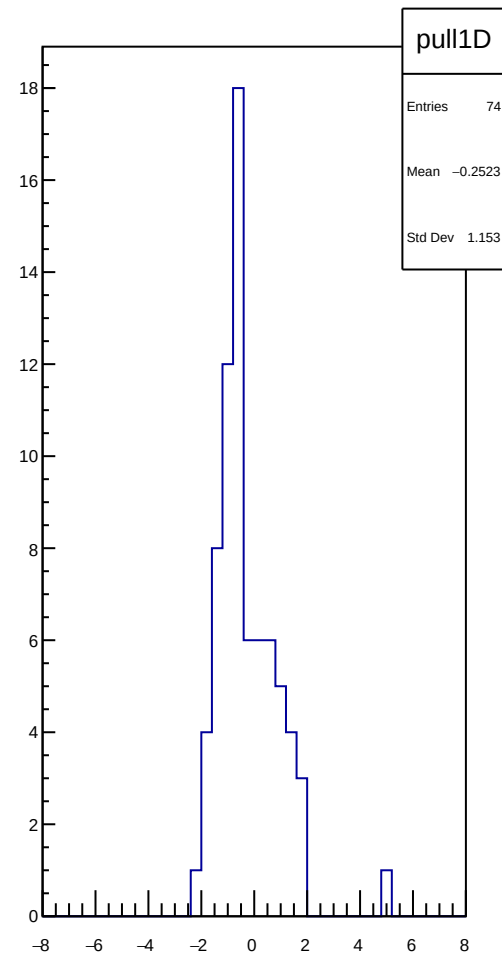
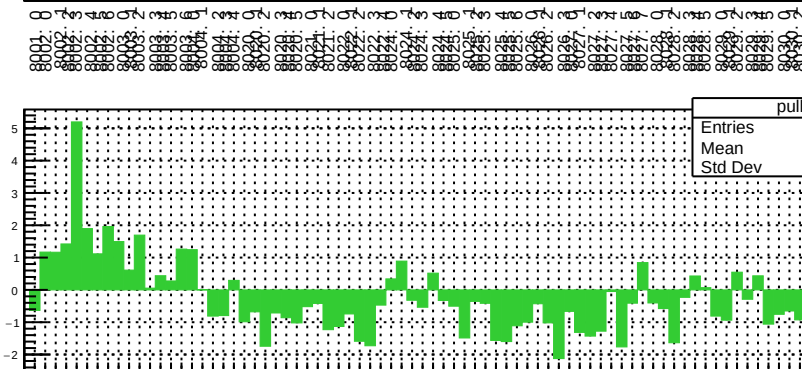
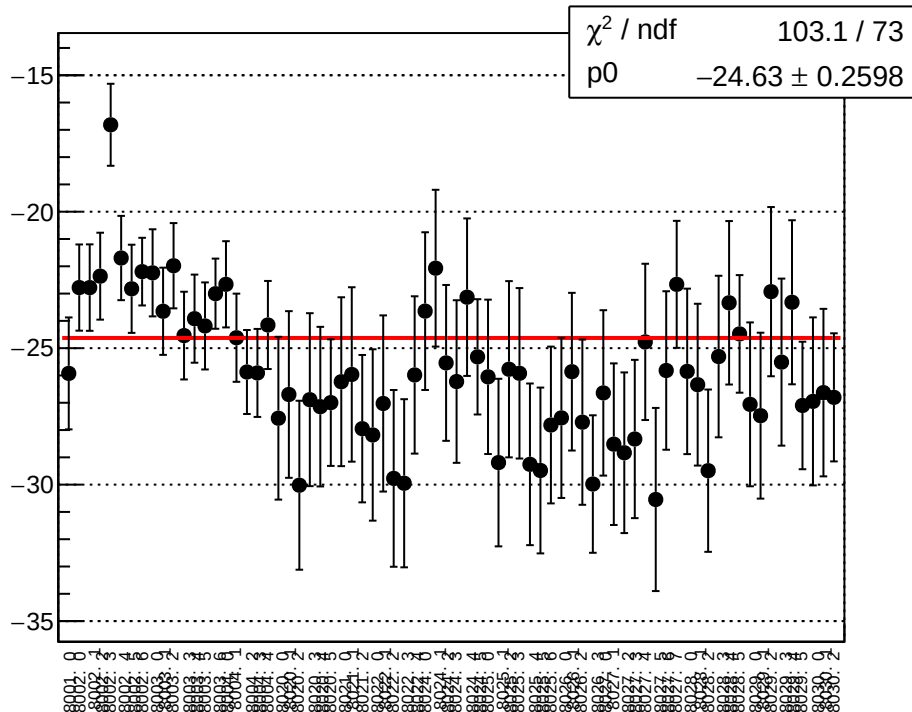
reg\_asym\_at2\_dd\_diff\_bpm4eX\_slope vs run



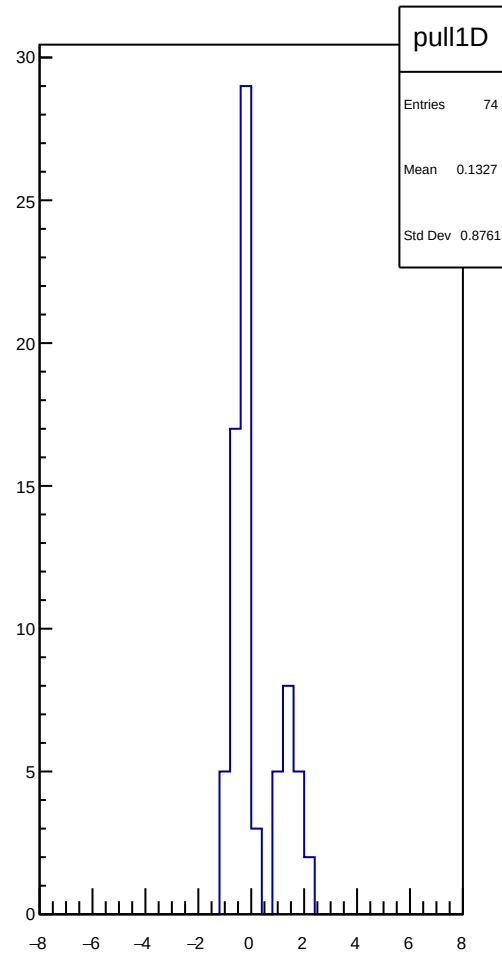
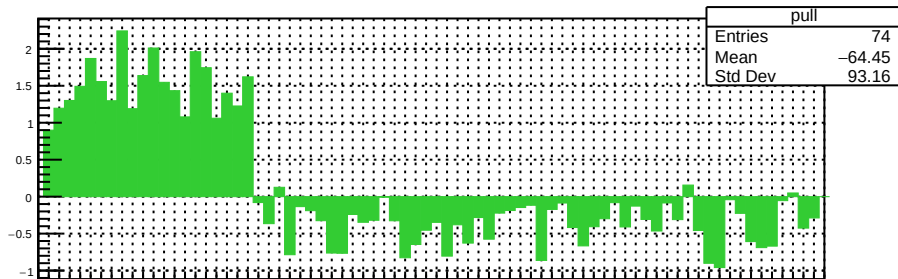
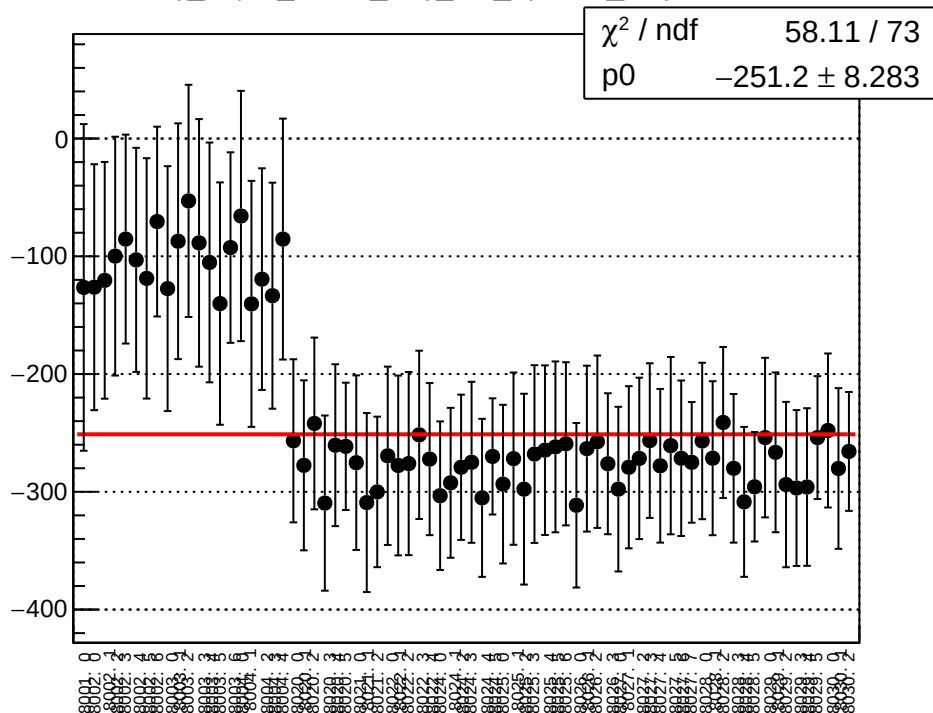
reg\_asym\_at2\_dd\_diff\_bpm4eY\_slope vs run



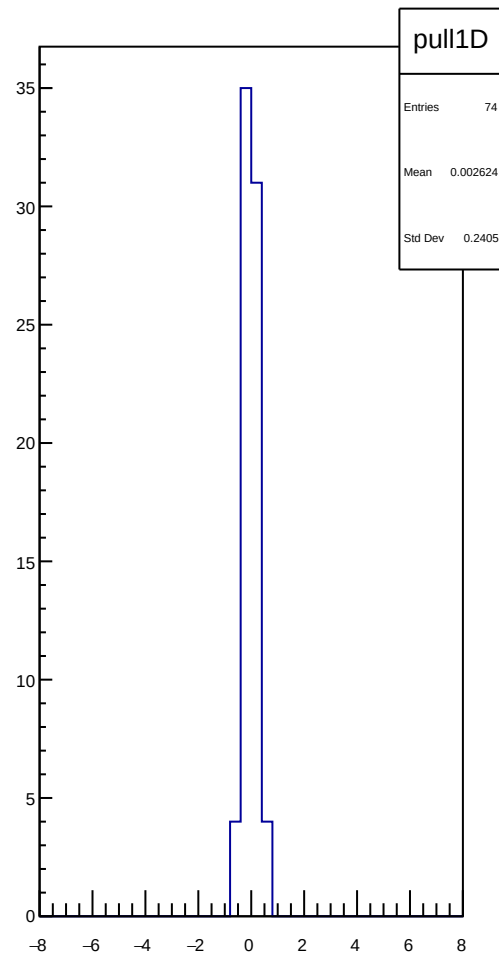
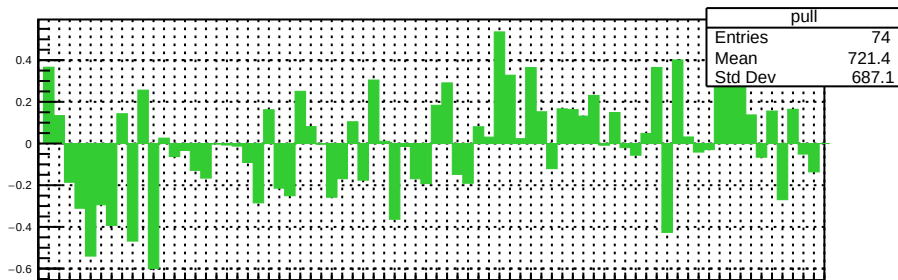
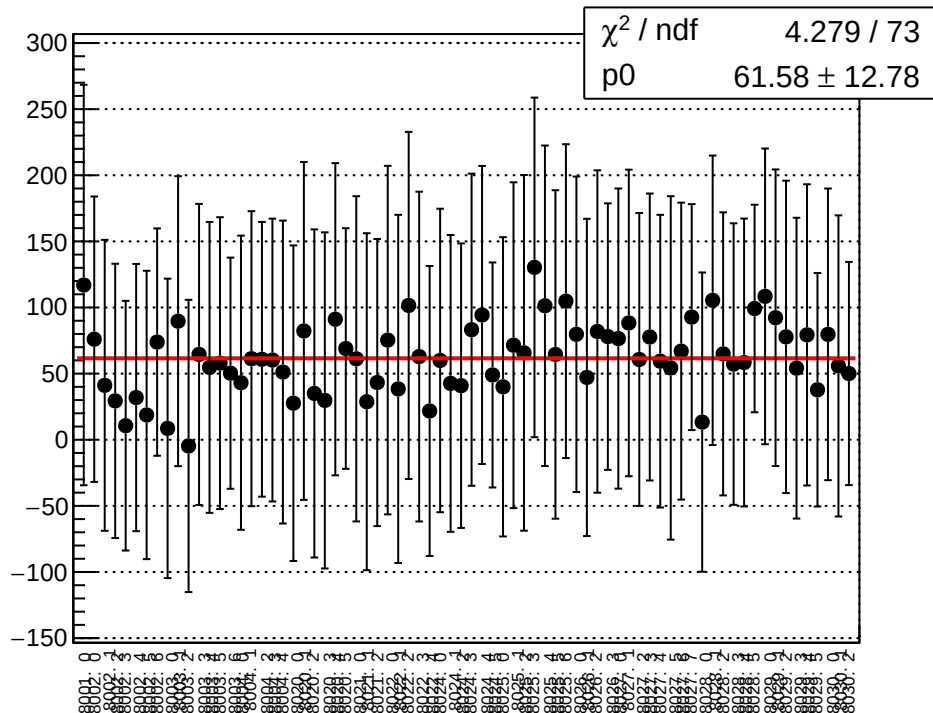
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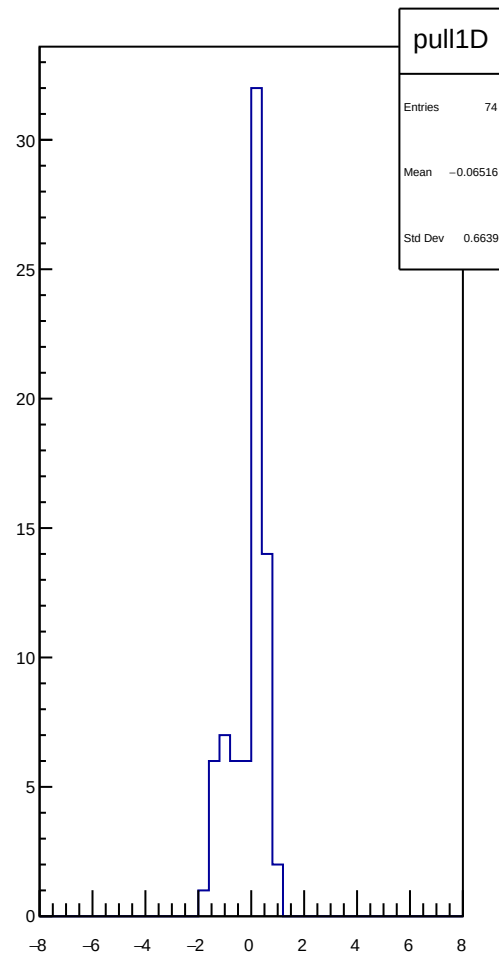
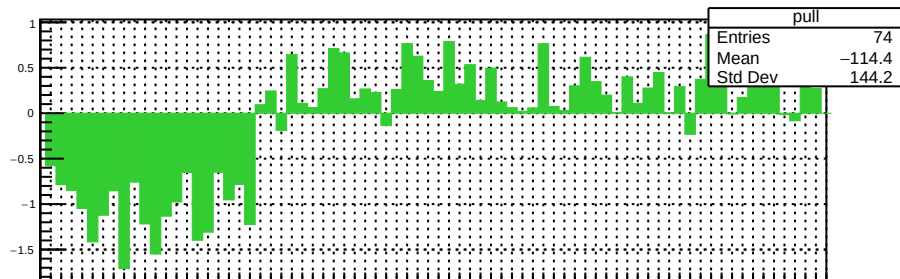
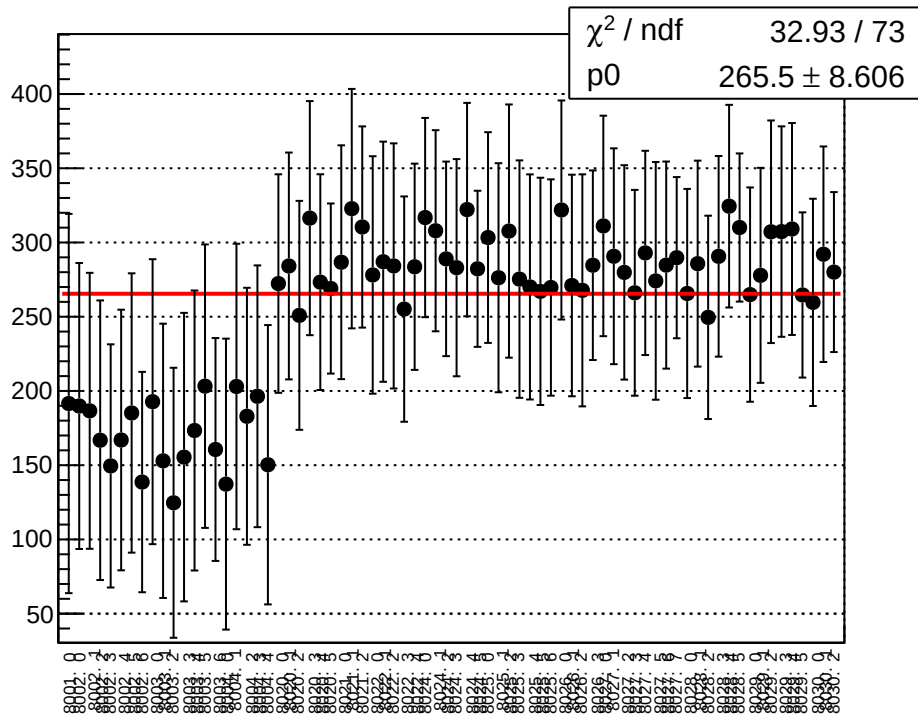
reg\_asym\_atl1r2\_avg\_diff\_bpm1X\_slope vs run



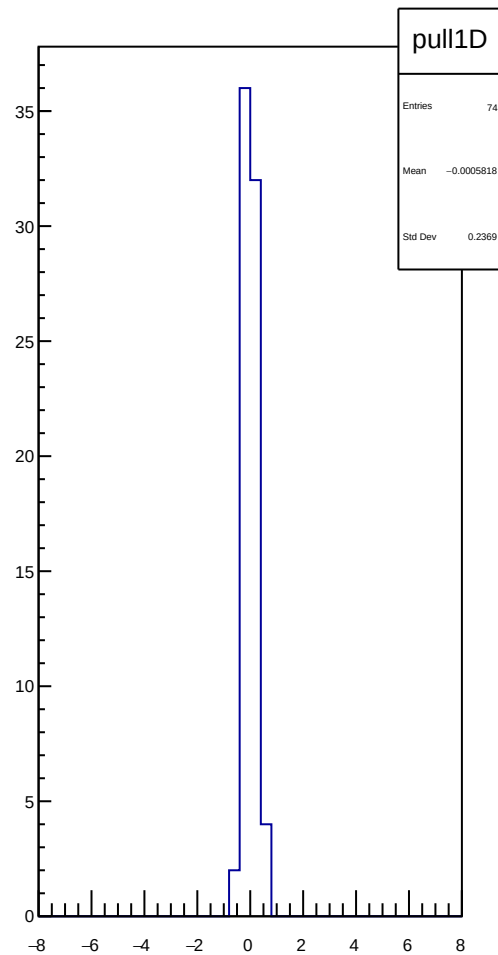
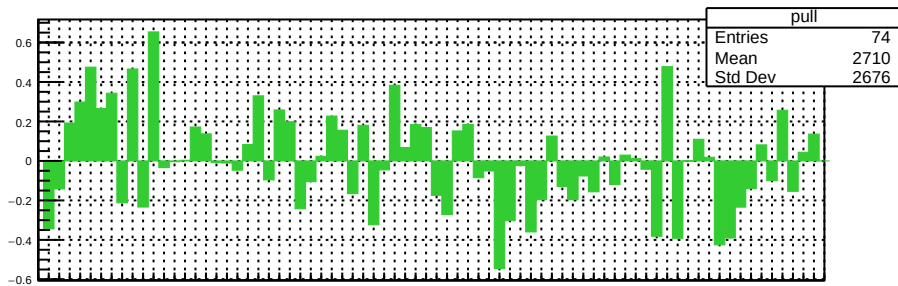
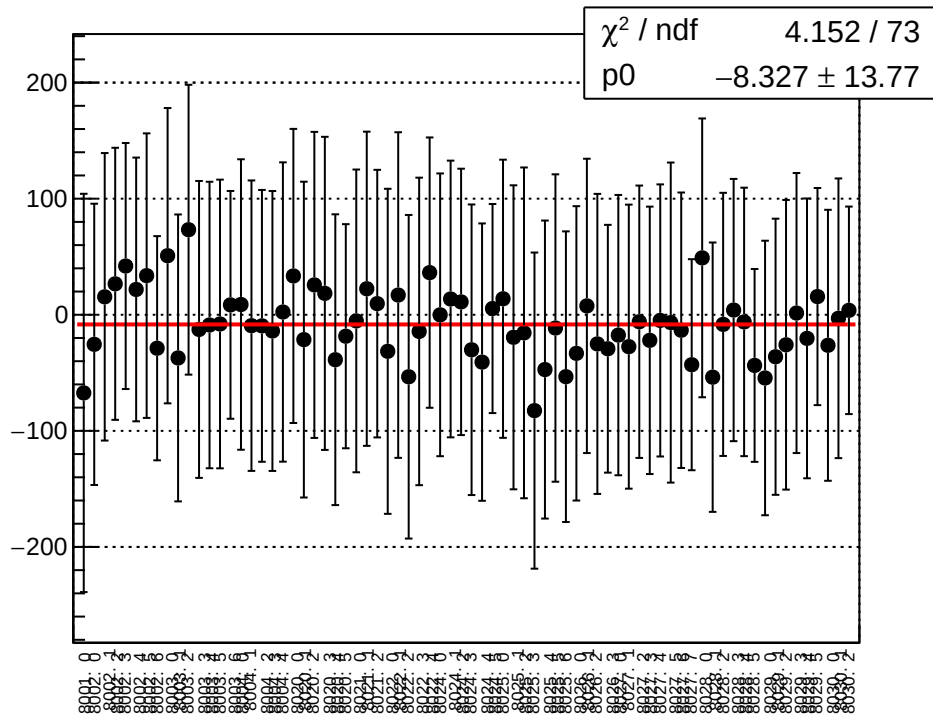
reg\_asym\_atl1r2\_avg\_diff\_bpm4aY\_slope vs run



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

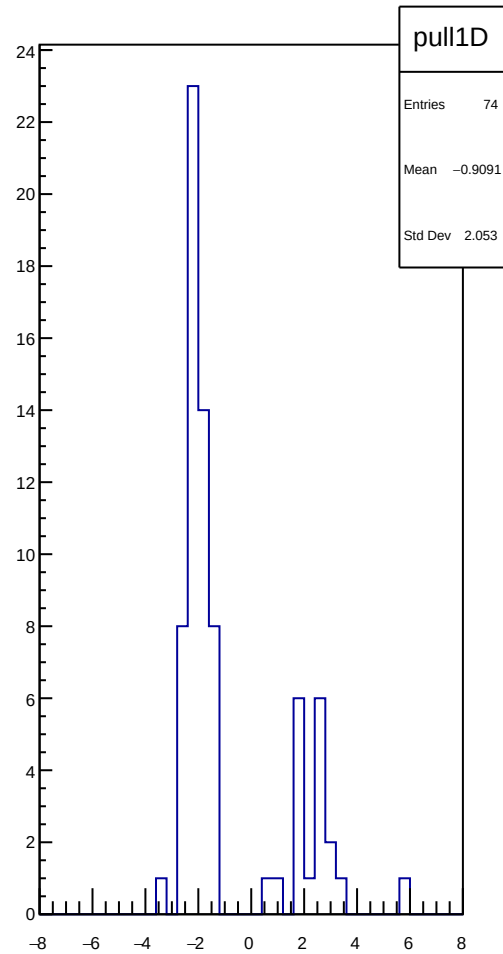
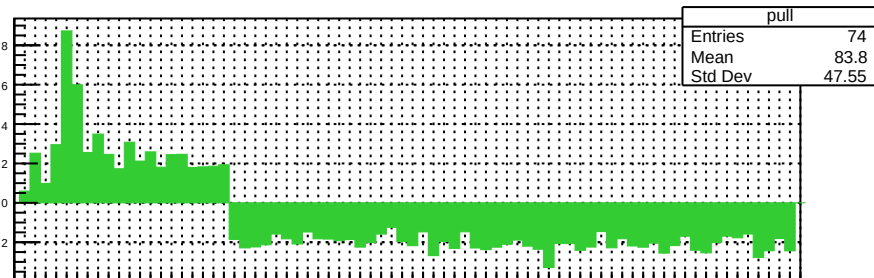
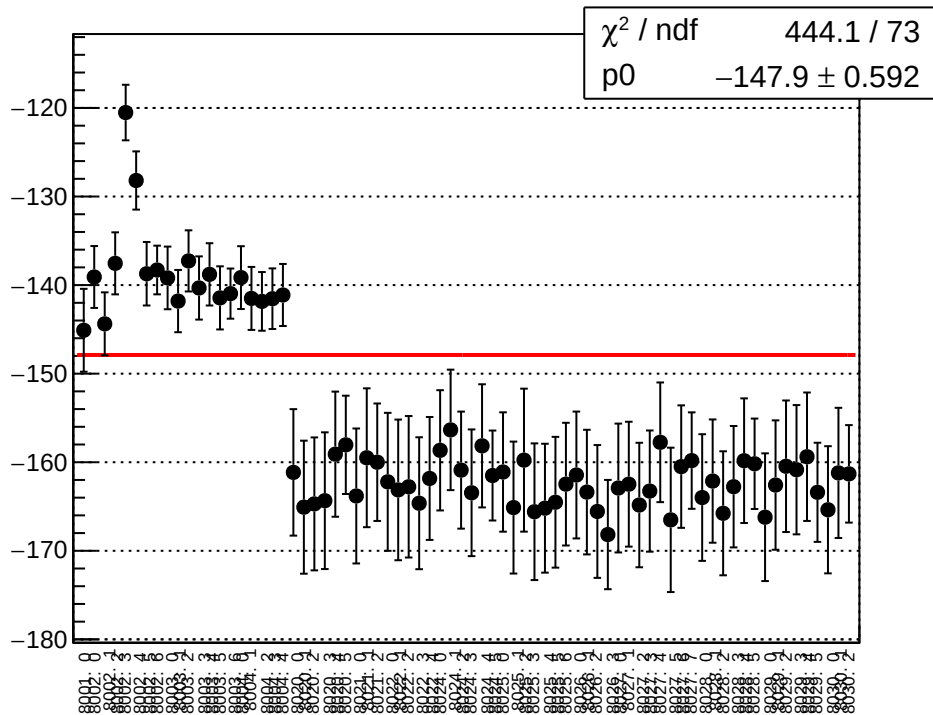


reg\_asym\_atl1r2\_avg\_diff\_bpm4eY\_slope vs run

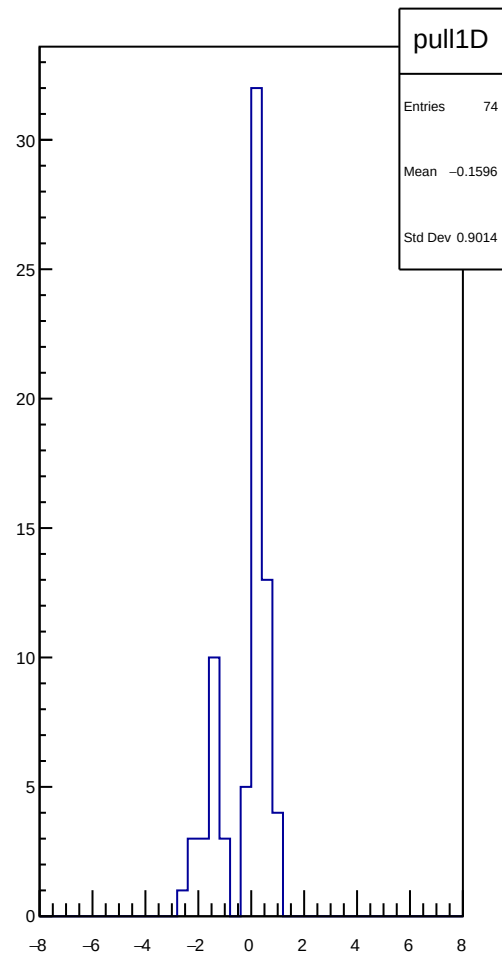
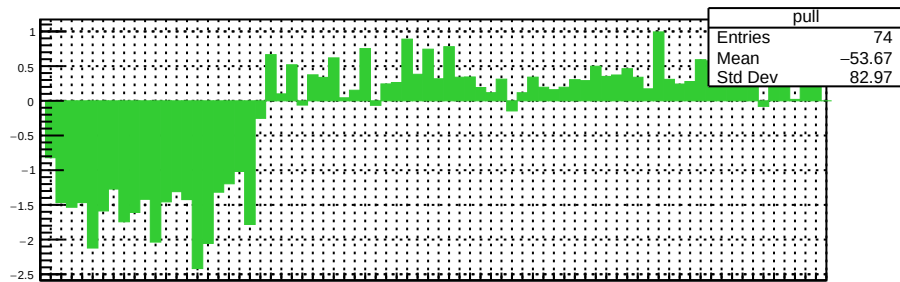
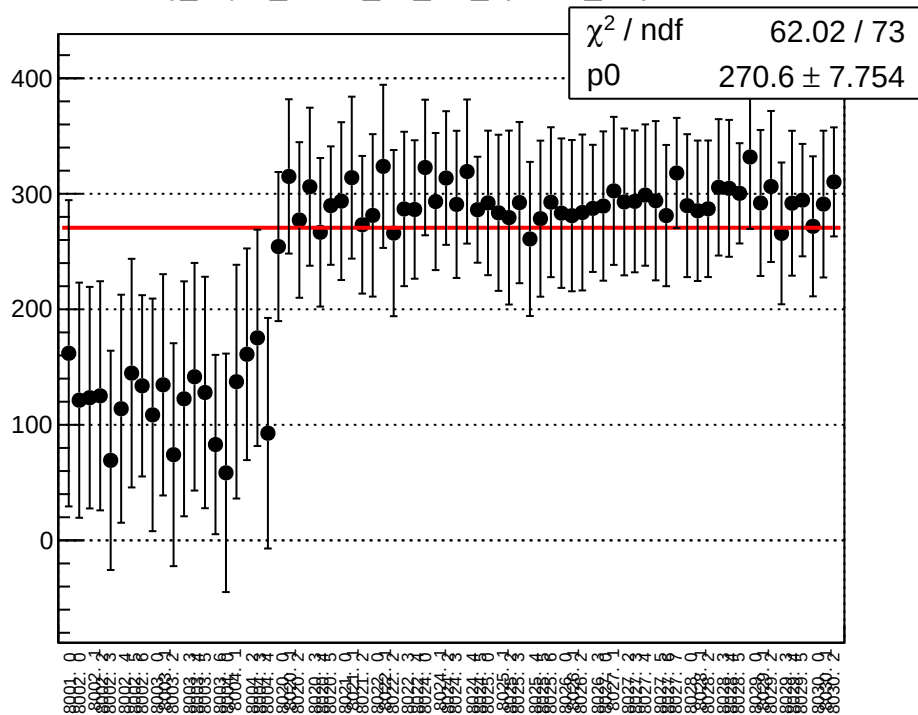




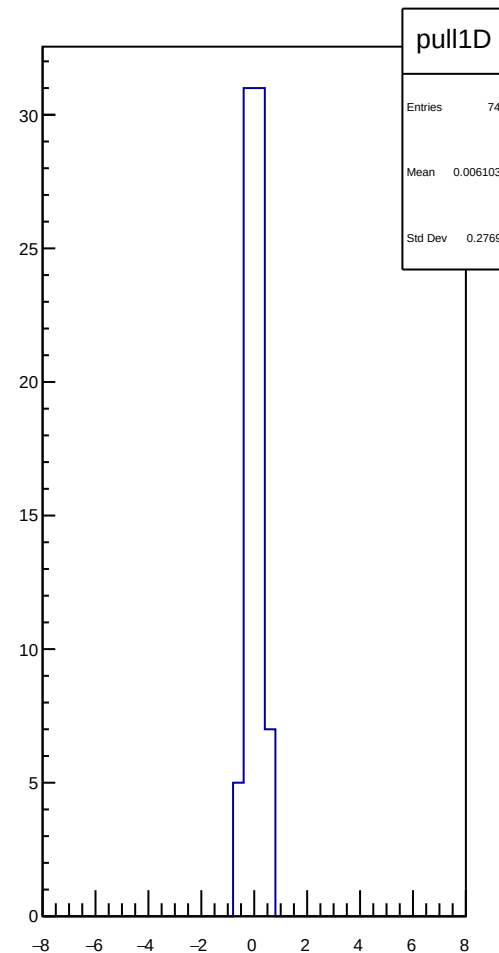
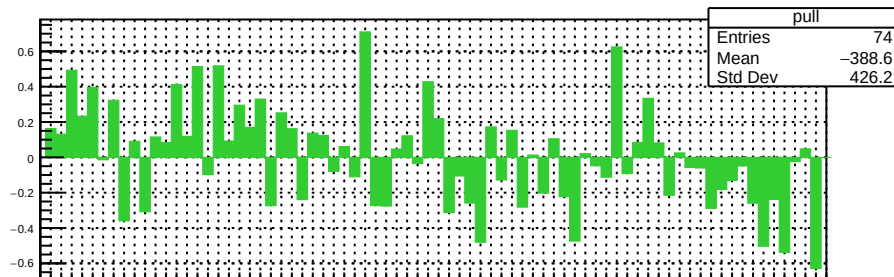
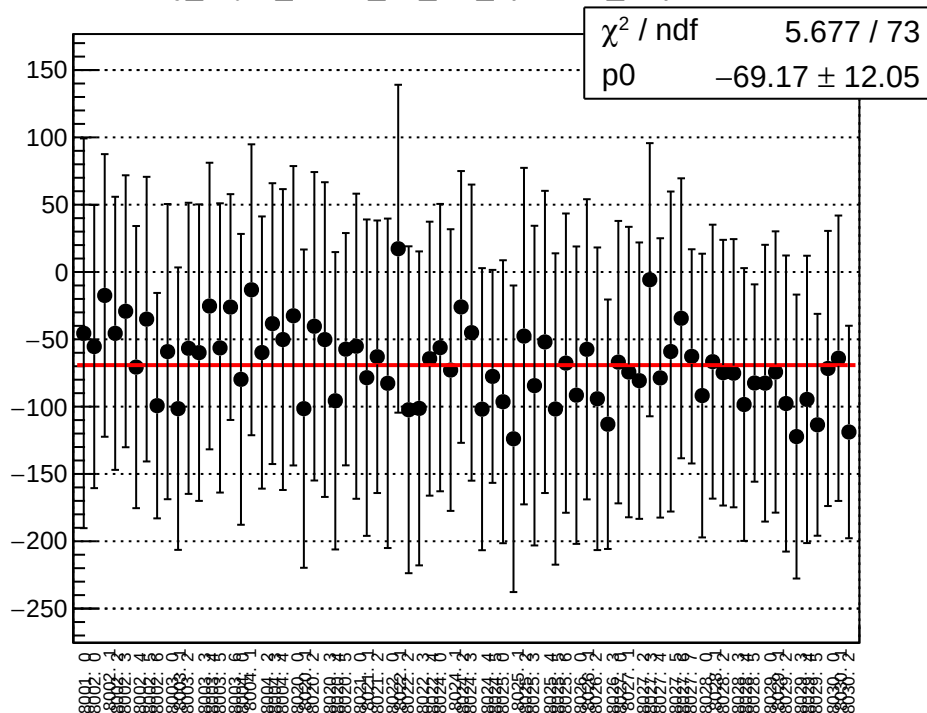
reg\_asym\_atl1r2\_avg\_diff\_bpm12X\_slope vs run



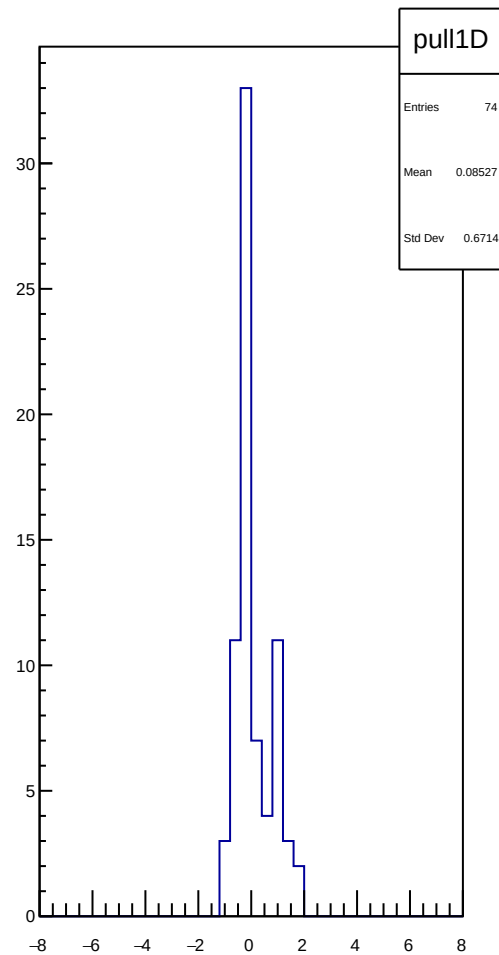
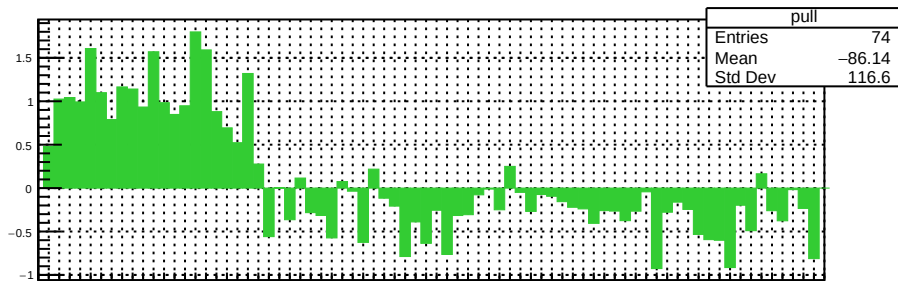
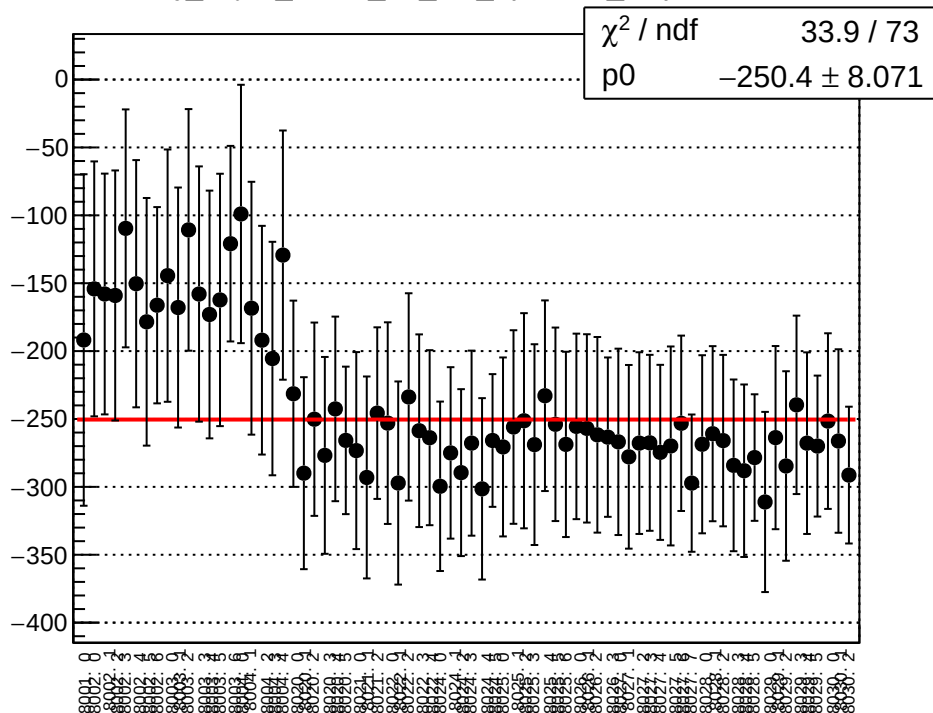
reg\_asym\_atl1r2\_dd\_diff\_bpm1X\_slope vs run



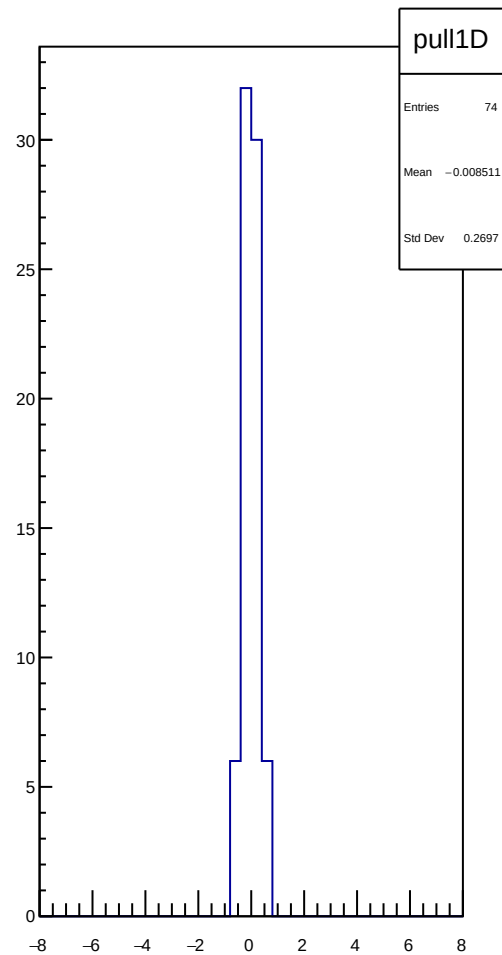
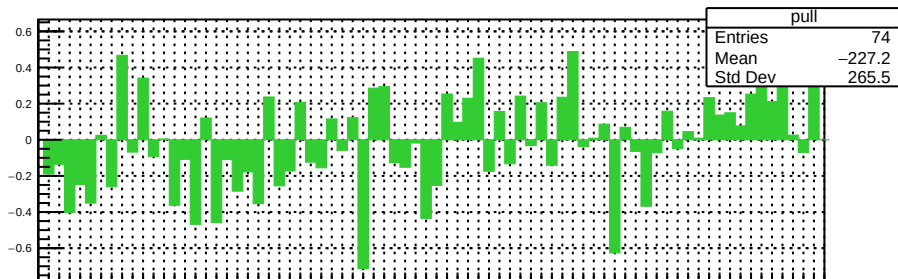
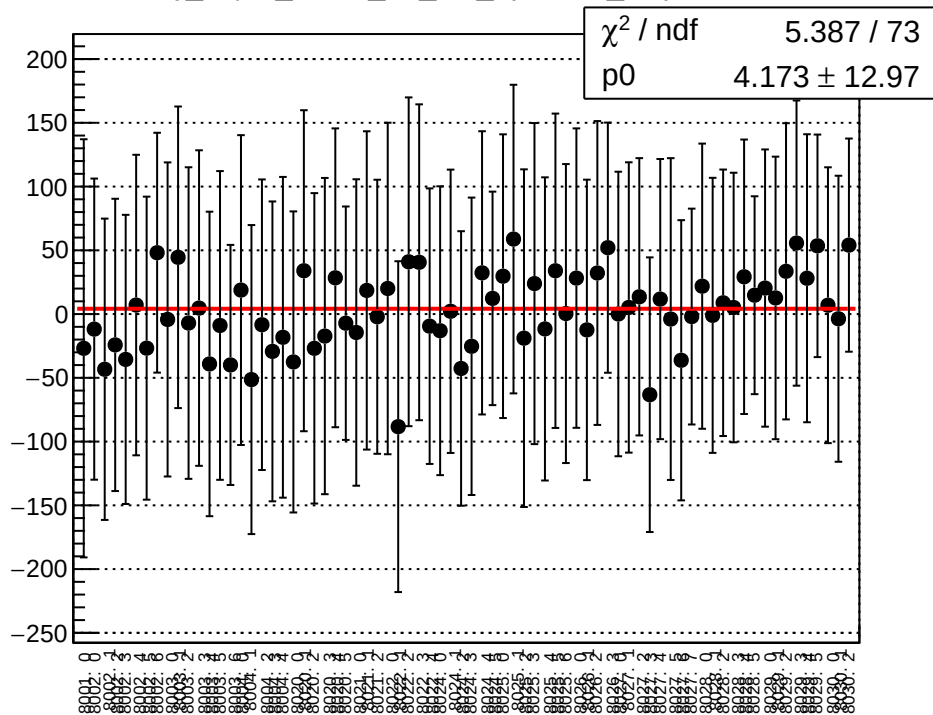
reg\_asym\_atl1r2\_dd\_diff\_bpm4aY\_slope vs run



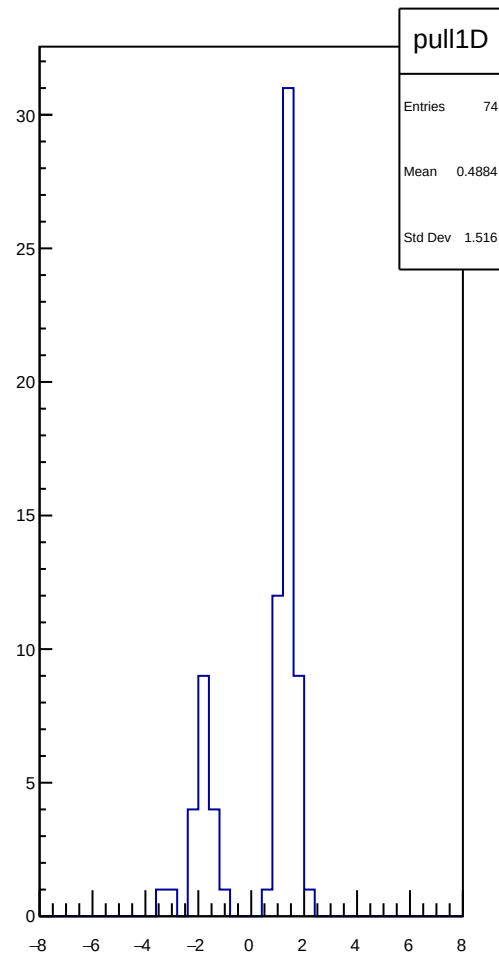
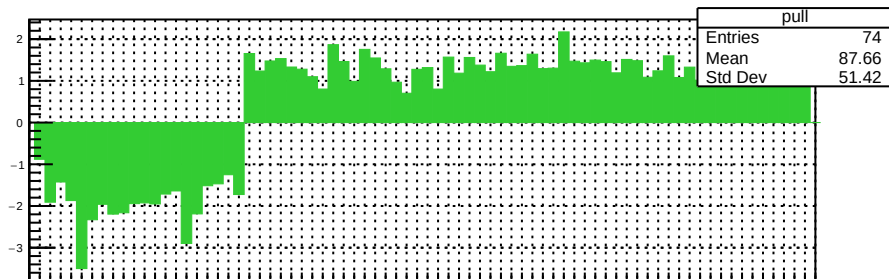
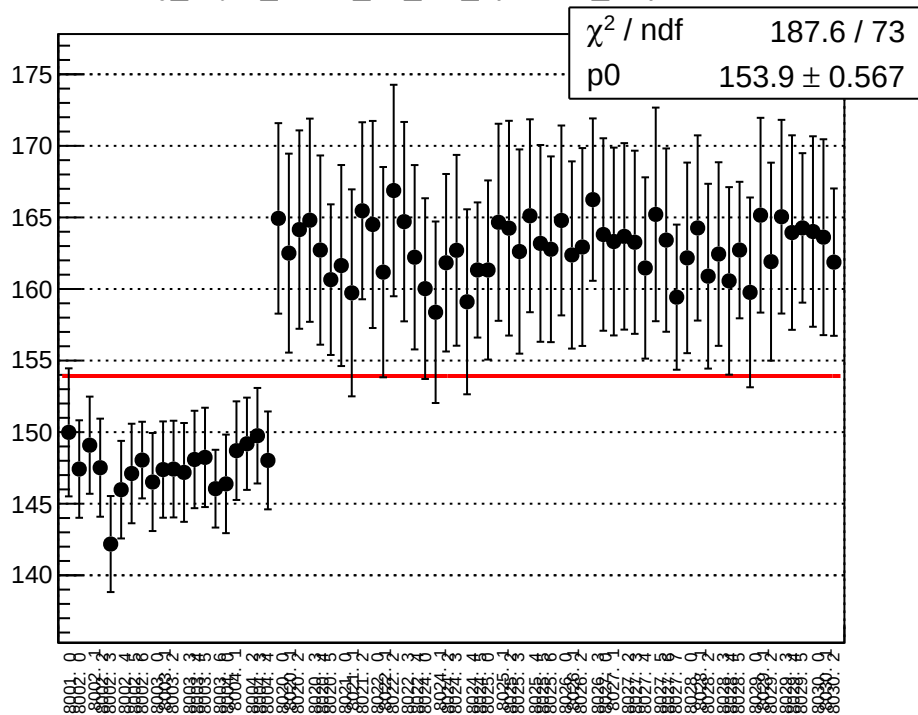
reg\_asym\_atl1r2\_dd\_diff\_bpm4eX\_slope vs run



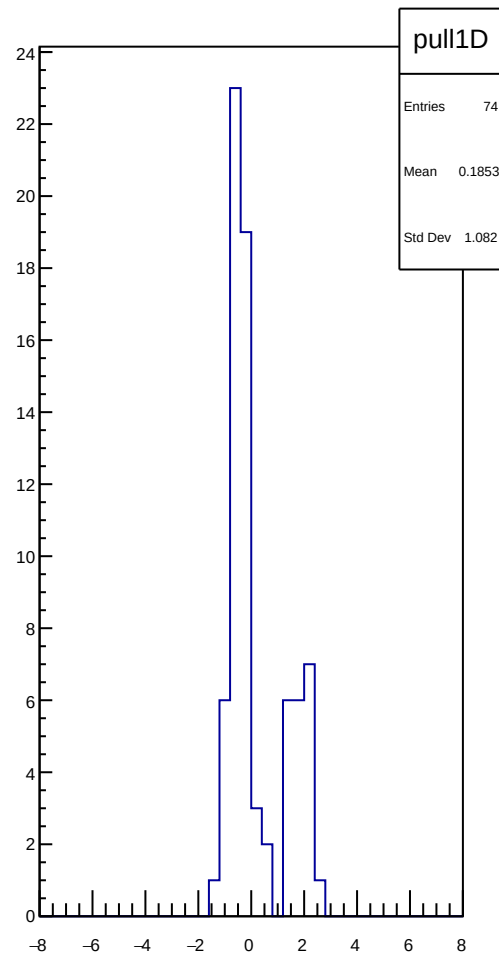
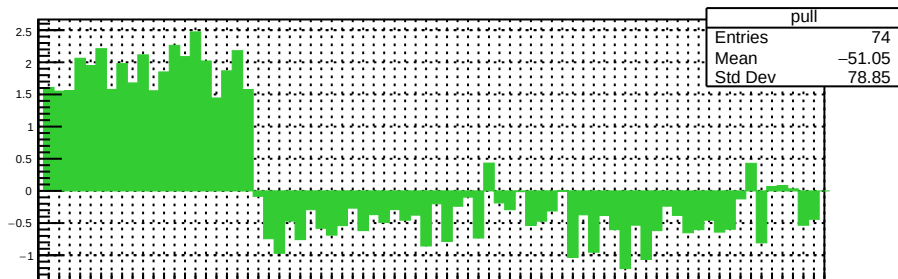
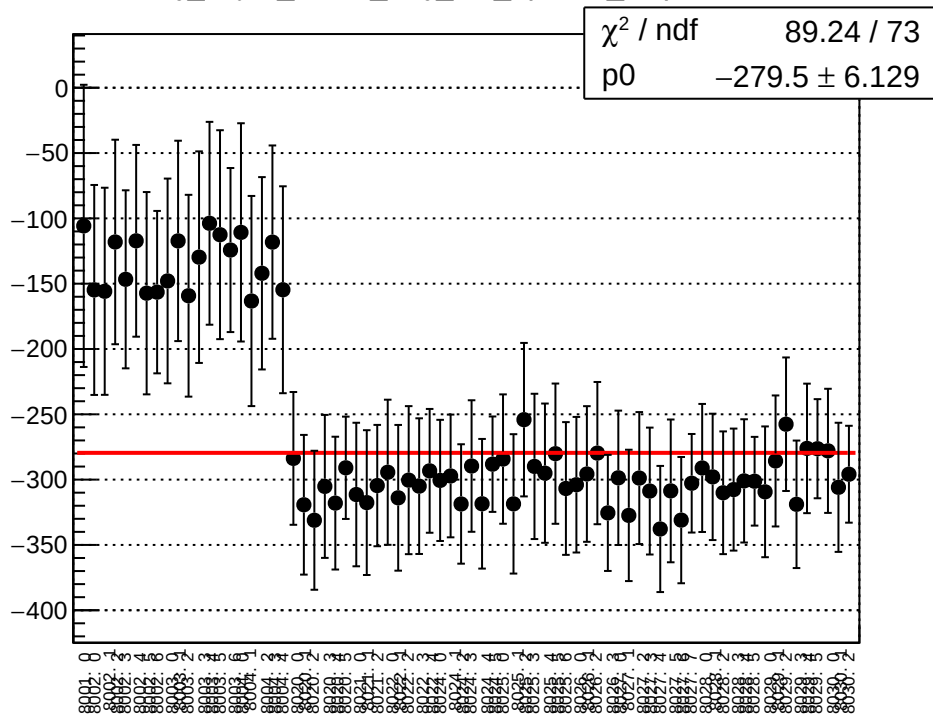
reg\_asym\_atl1r2\_dd\_diff\_bpm4eY\_slope vs run



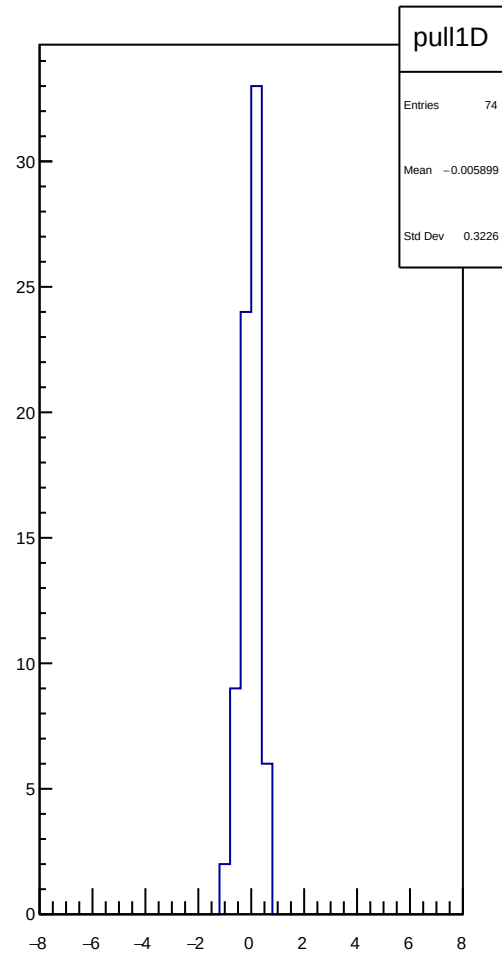
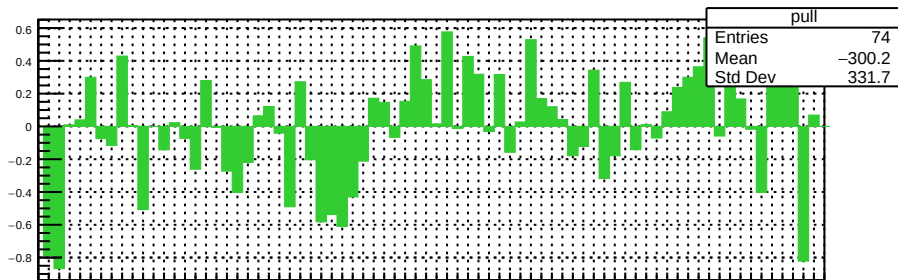
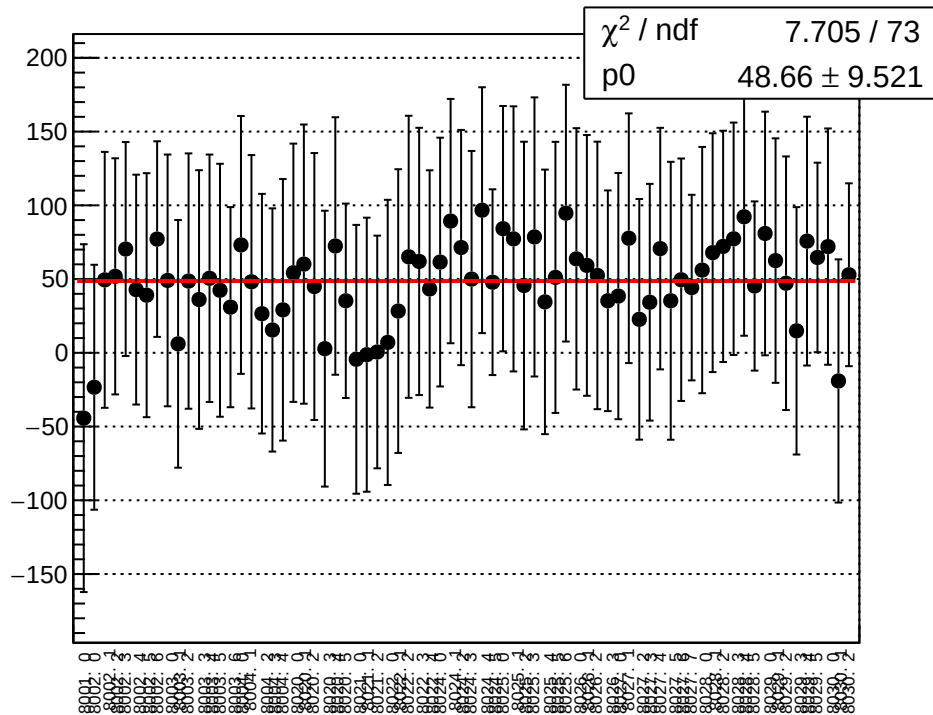
reg\_asym\_atl1r2\_dd\_diff\_bpm12X\_slope vs run



reg\_asym\_atr1l2\_avg\_diff\_bpm1X\_slope vs run

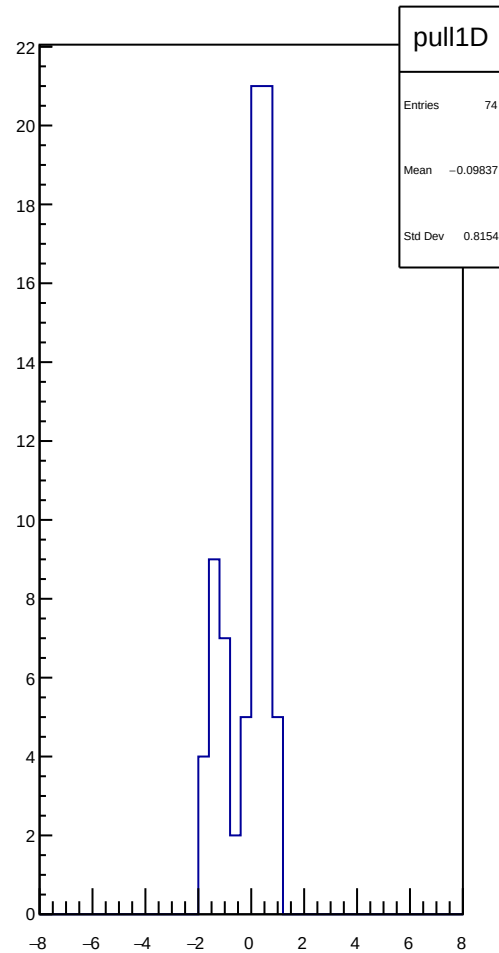
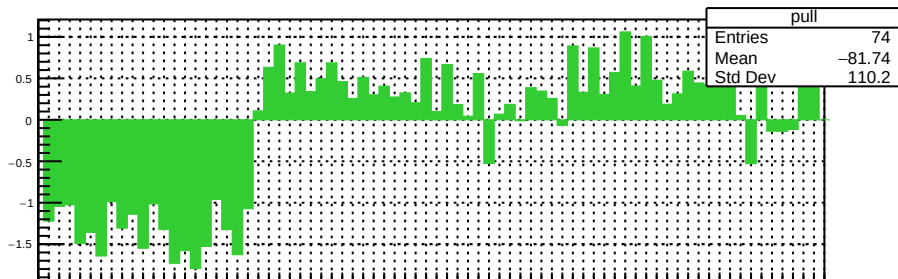
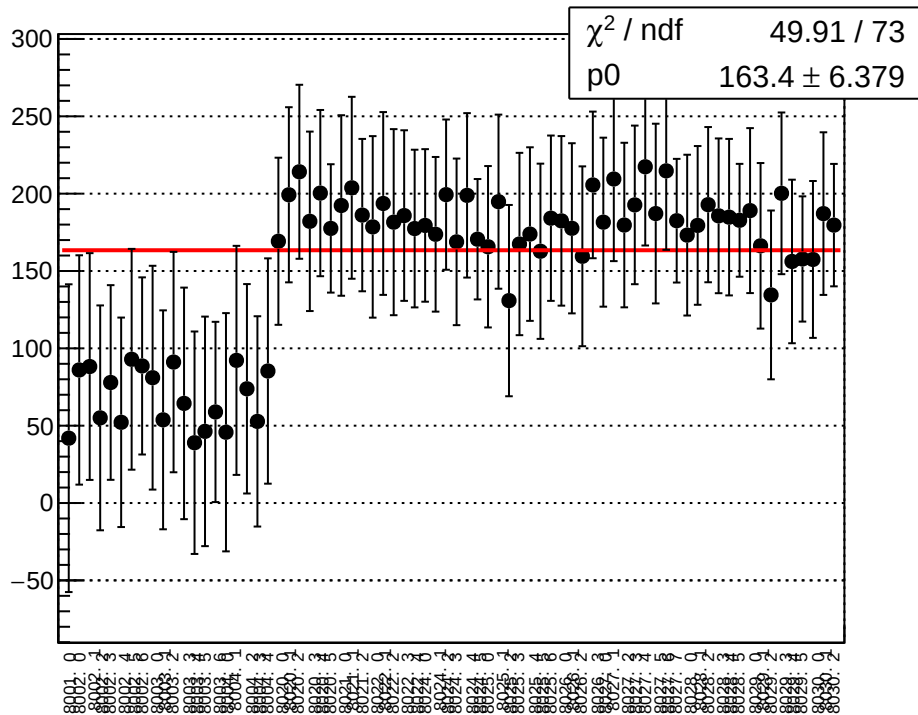


reg\_asym\_atr1l2\_avg\_diff\_bpm4aY\_slope vs run

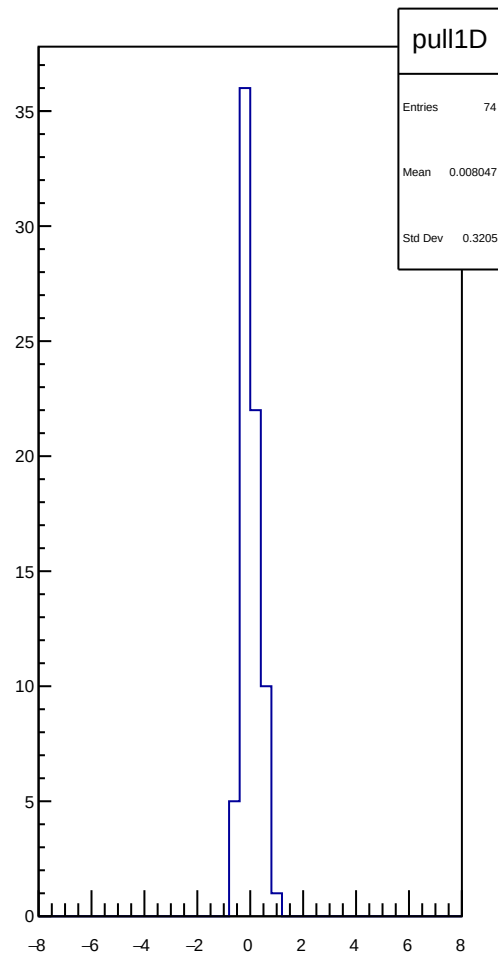
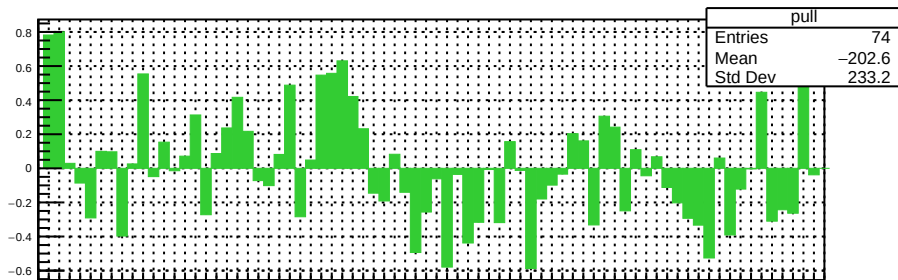
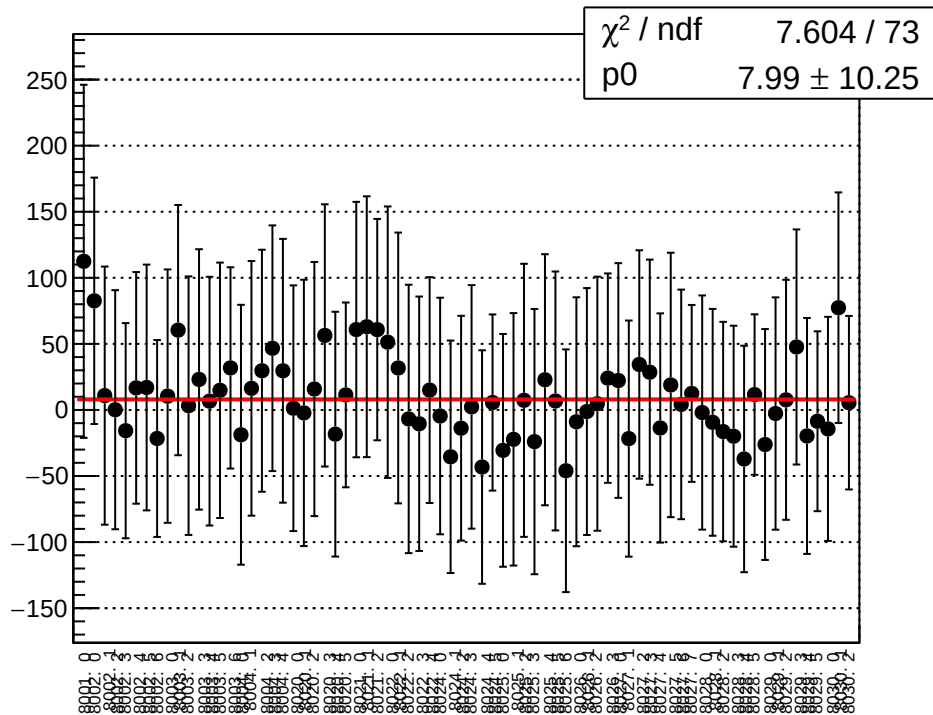




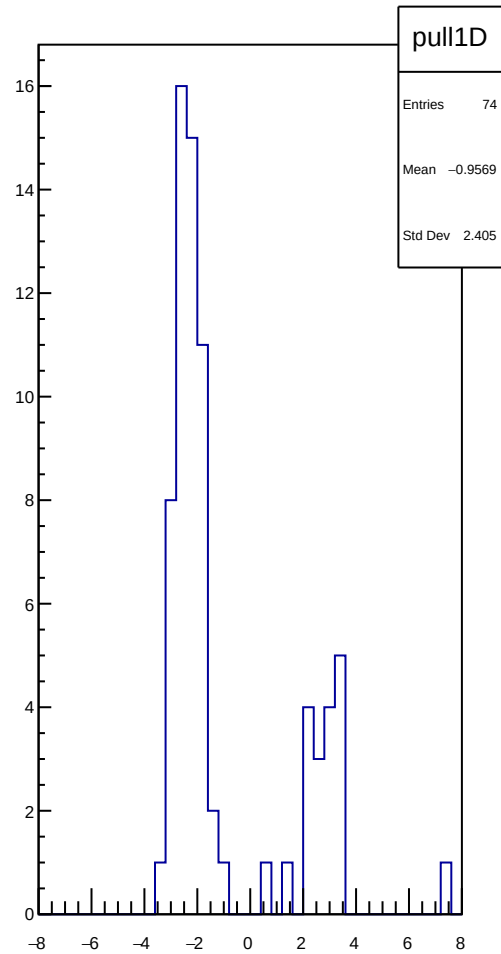
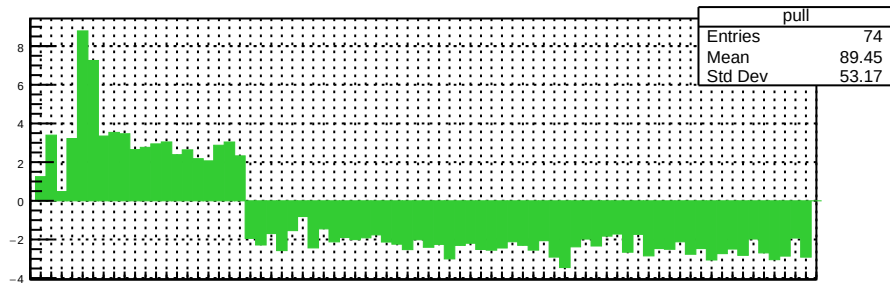
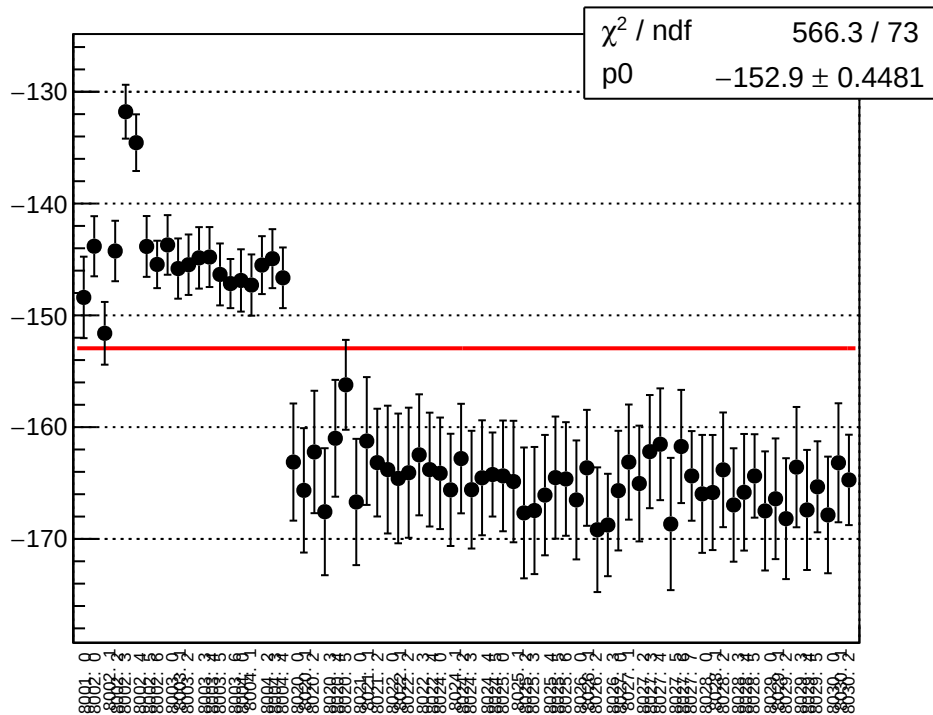
reg\_asym\_atr1l2\_avg\_diff\_bpm4eX\_slope vs run



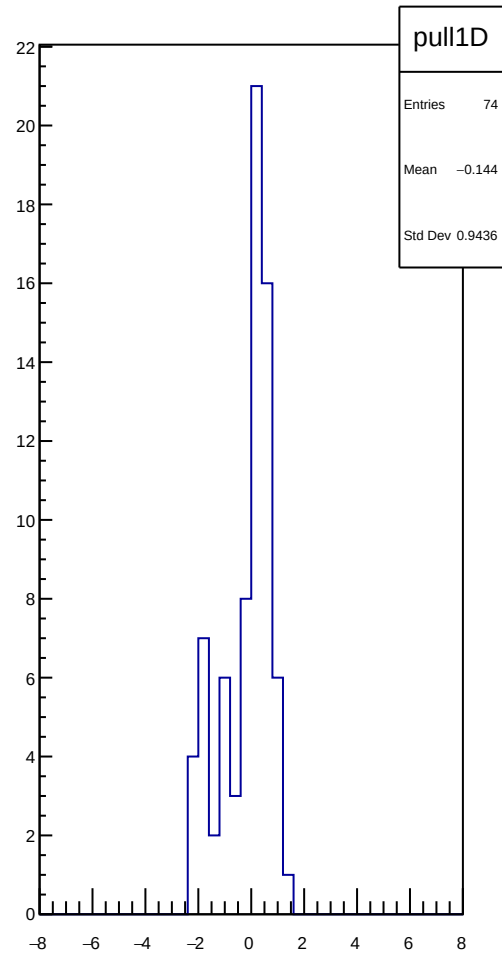
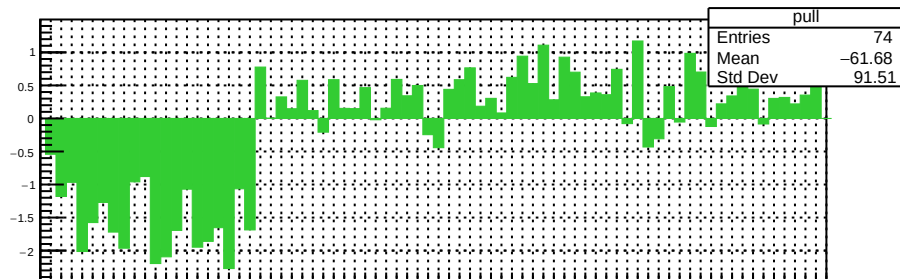
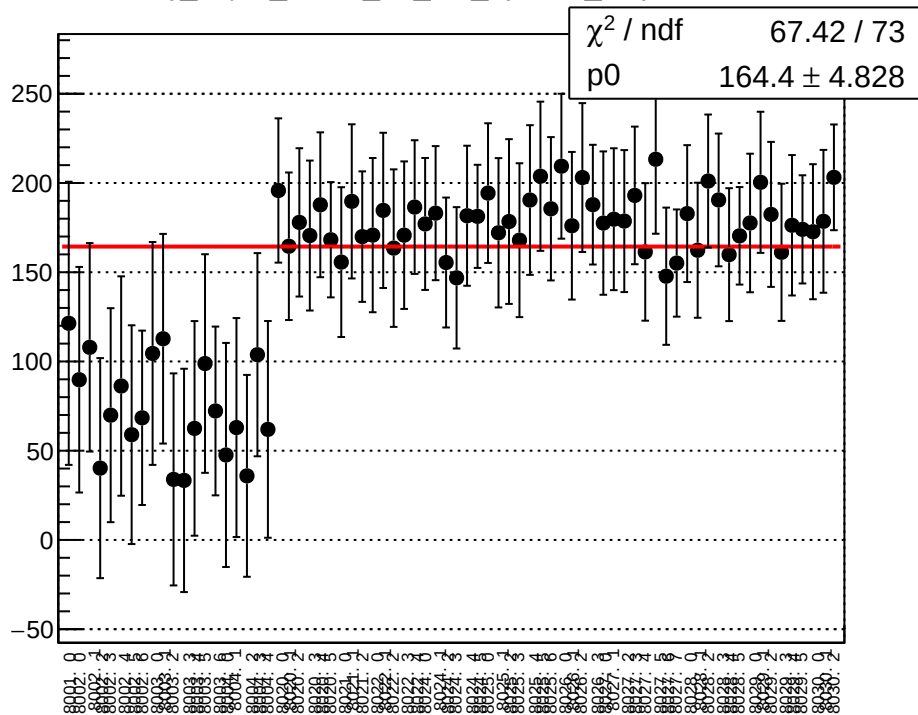
reg\_asym\_atr1l2\_avg\_diff\_bpm4eY\_slope vs run



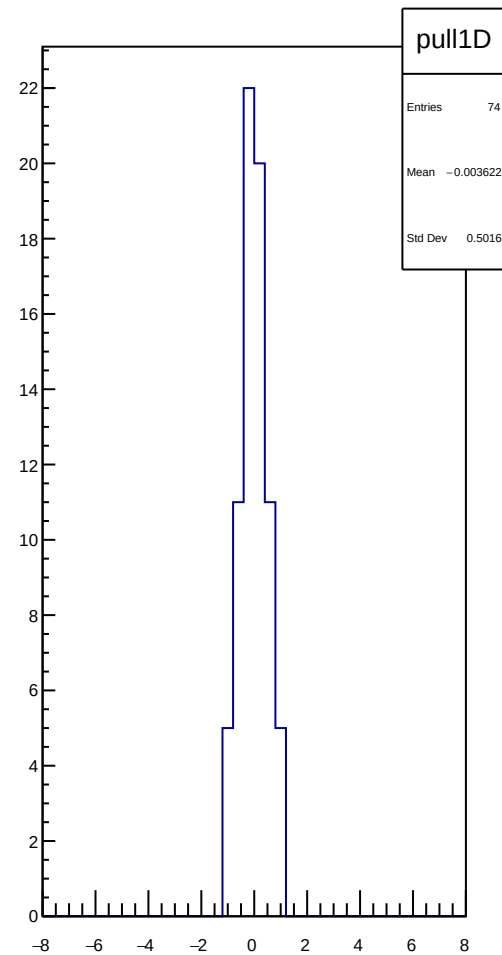
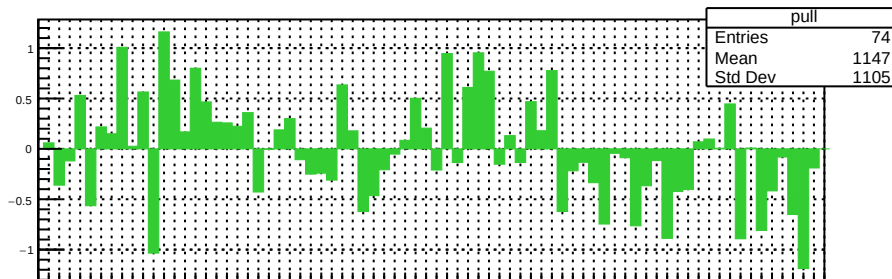
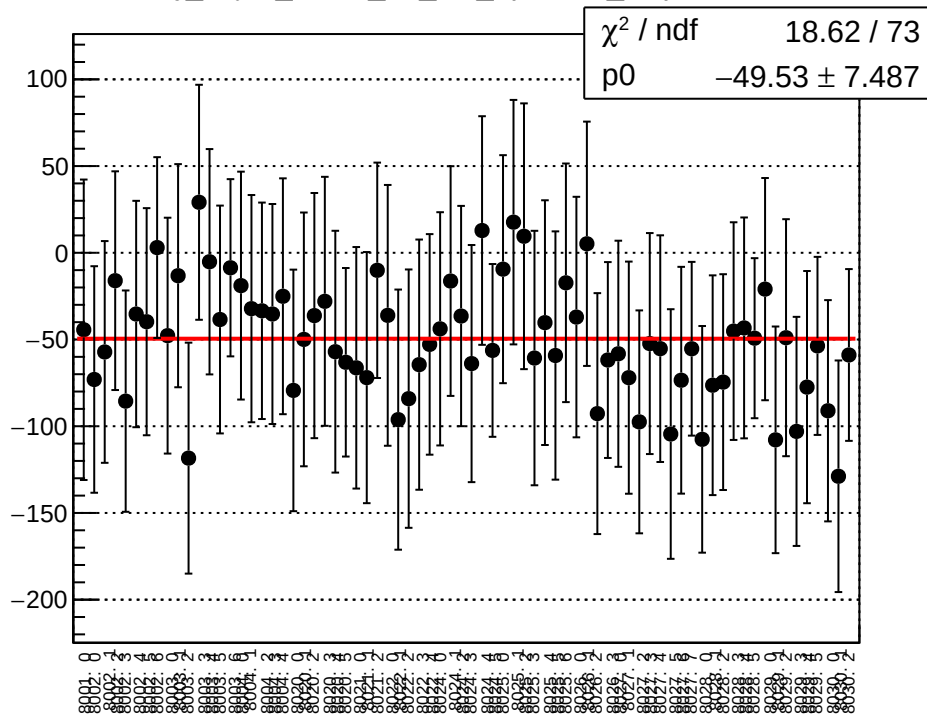
reg\_asym\_atr1l2\_avg\_diff\_bpm12X\_slope vs run



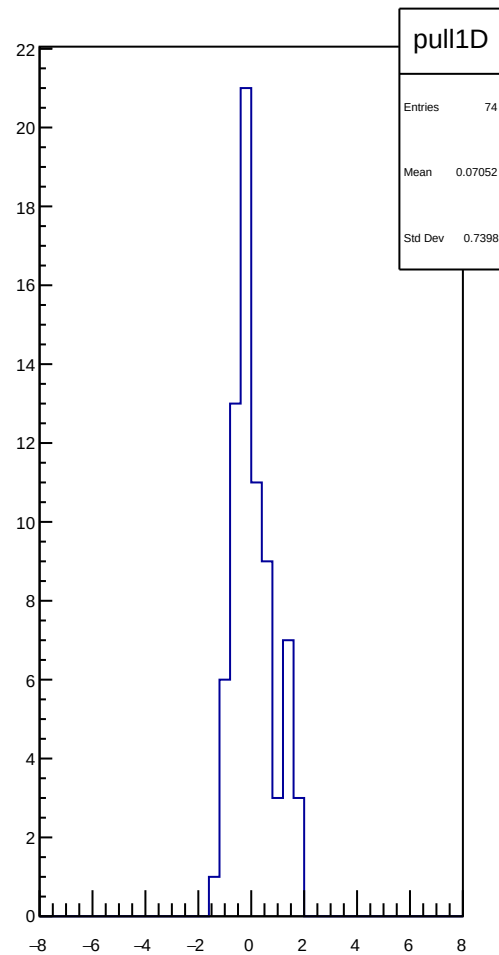
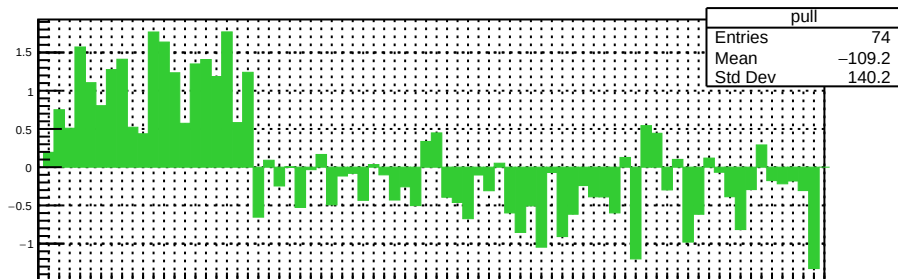
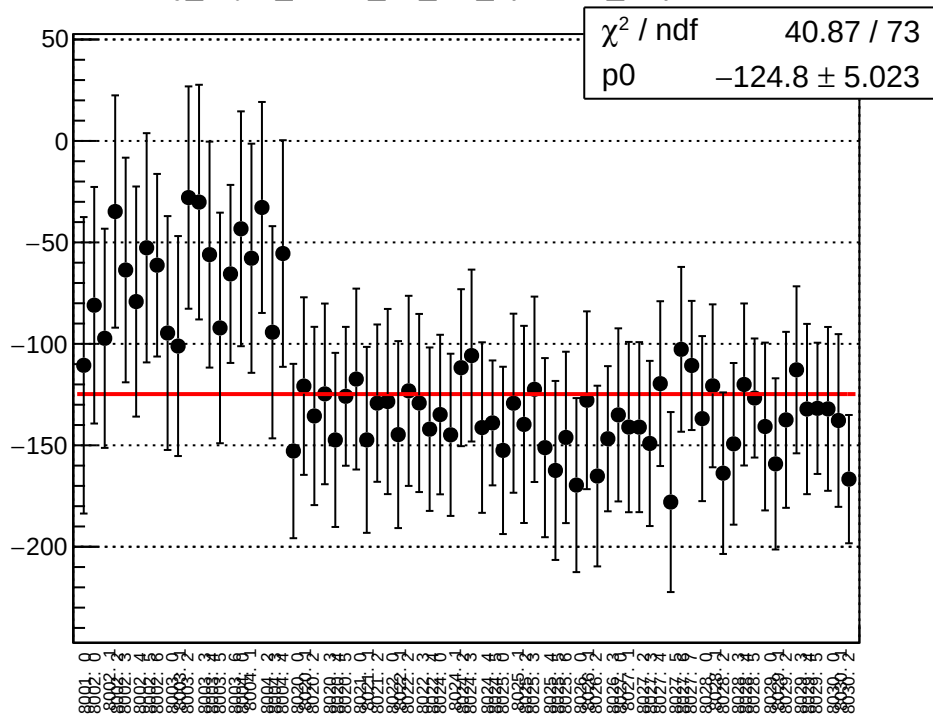
reg\_asym\_atr1l2\_dd\_diff\_bpm1X\_slope vs run



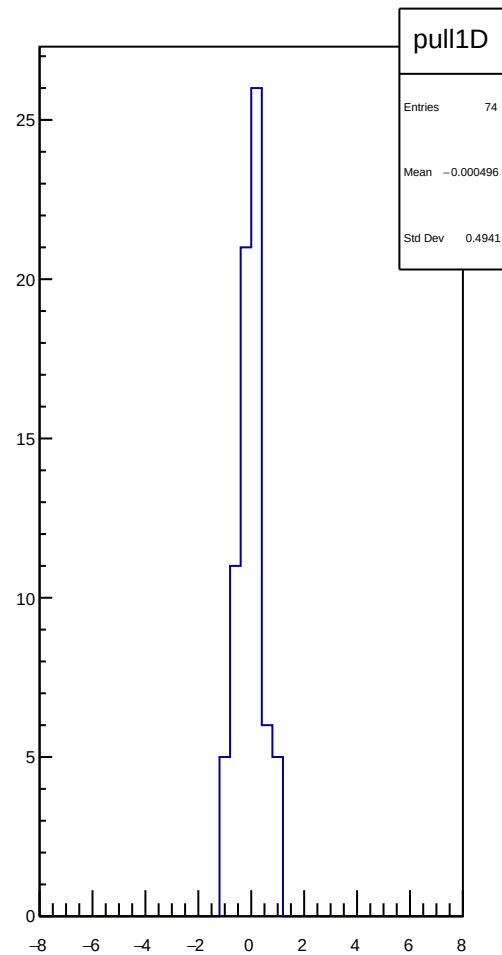
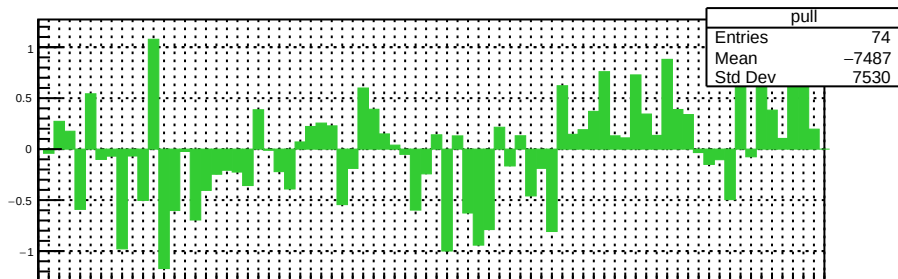
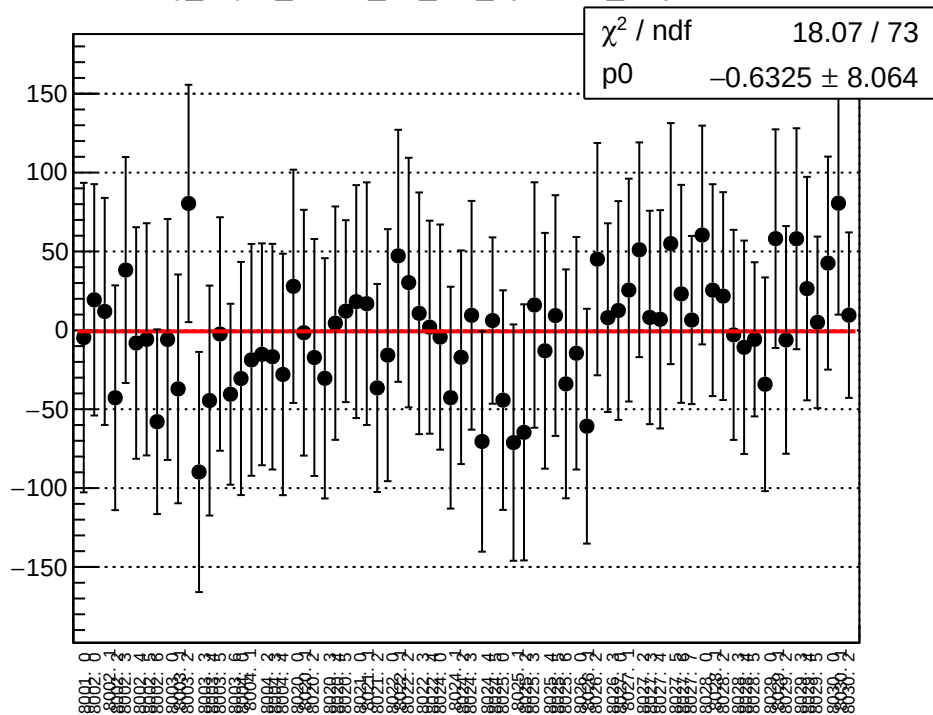
reg\_asym\_atr1l2\_dd\_diff\_bpm4aY\_slope vs run



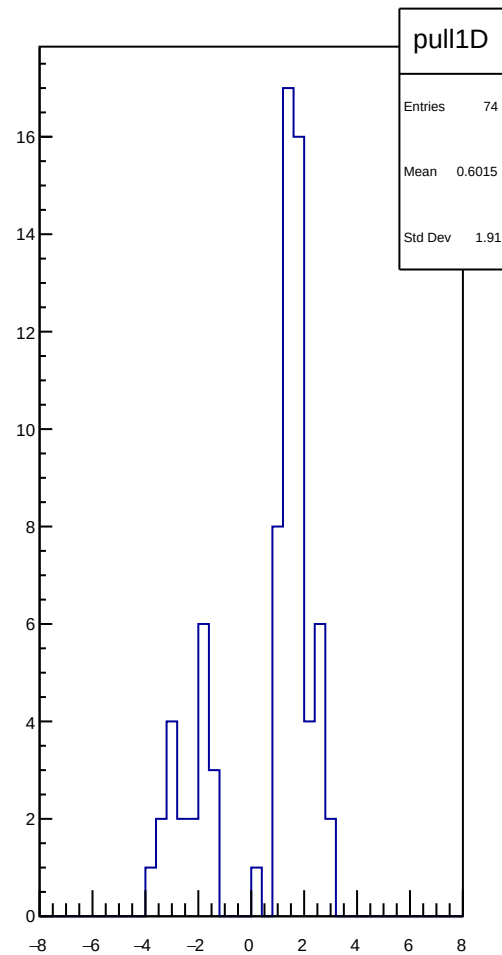
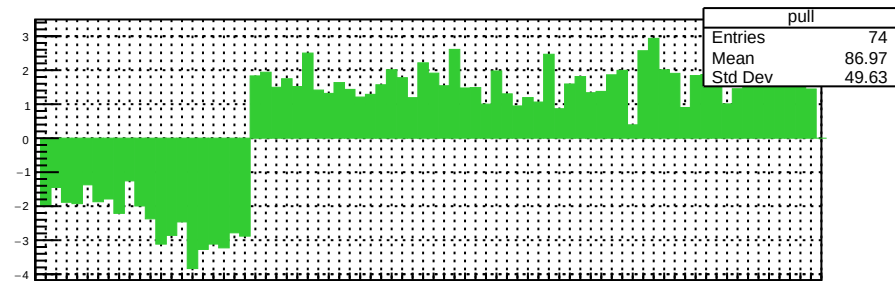
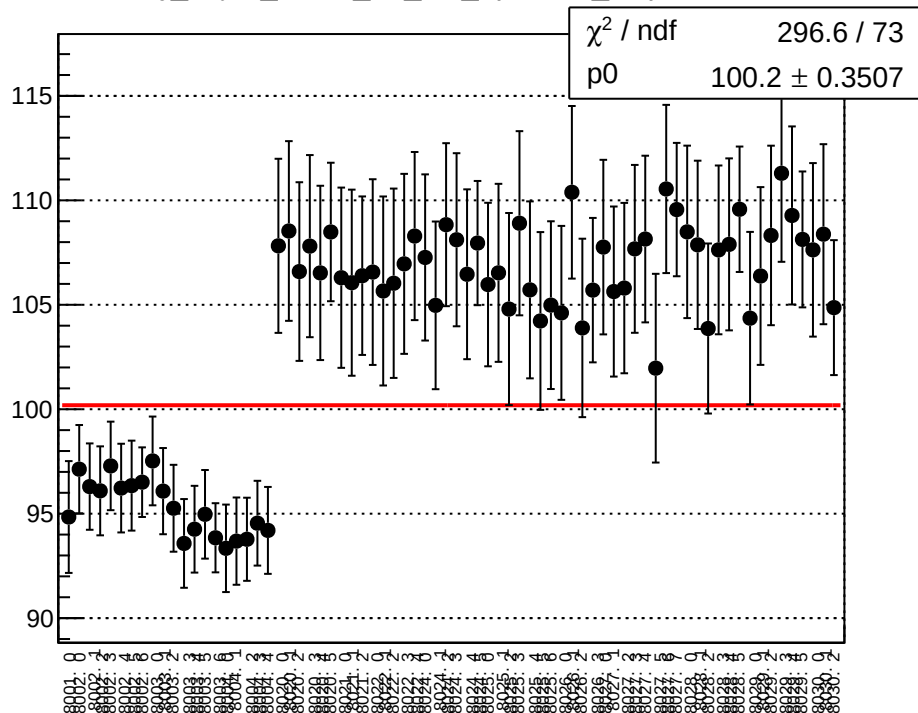
reg\_asym\_atr1l2\_dd\_diff\_bpm4eX\_slope vs run



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

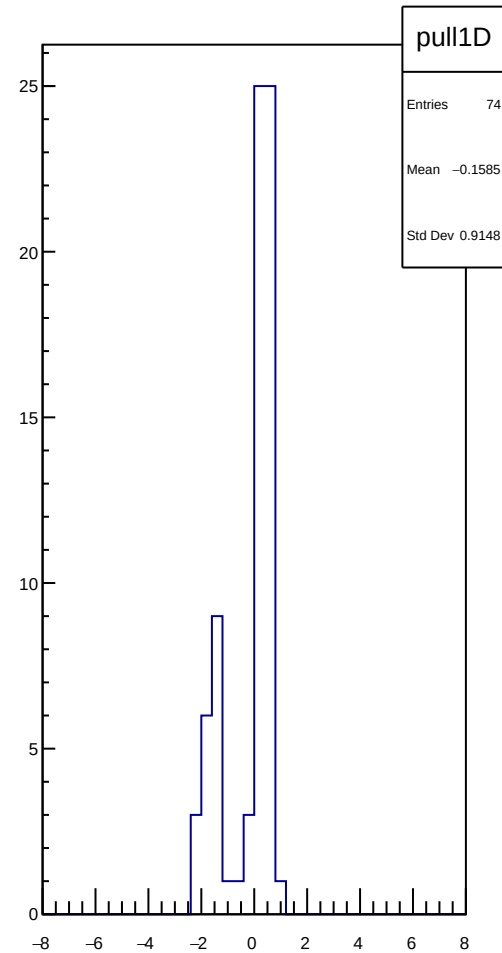
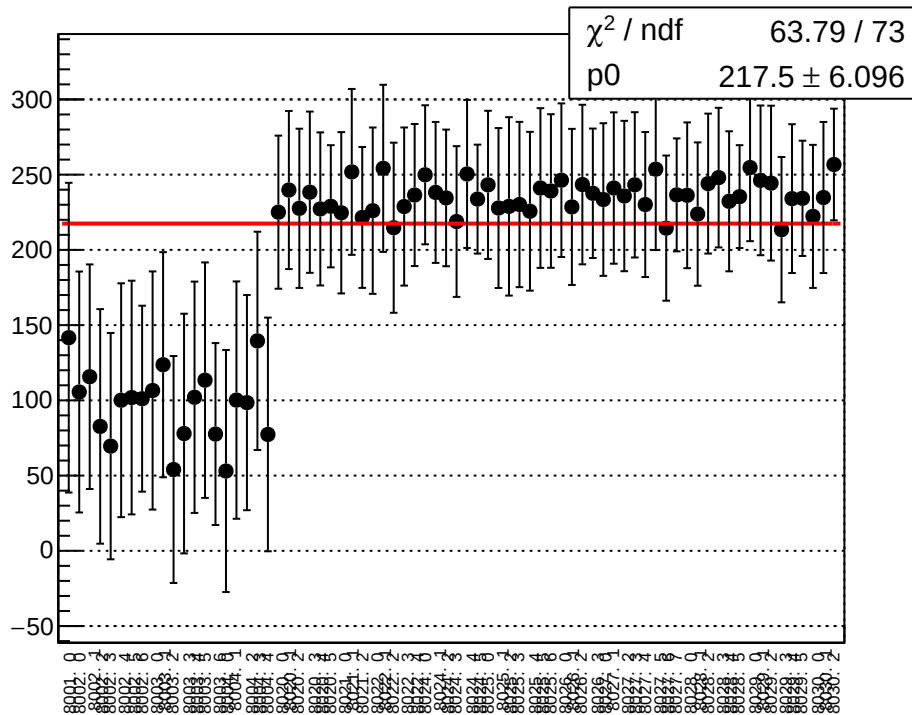


reg\_asym\_atr1l2\_dd\_diff\_bpm12X\_slope vs run

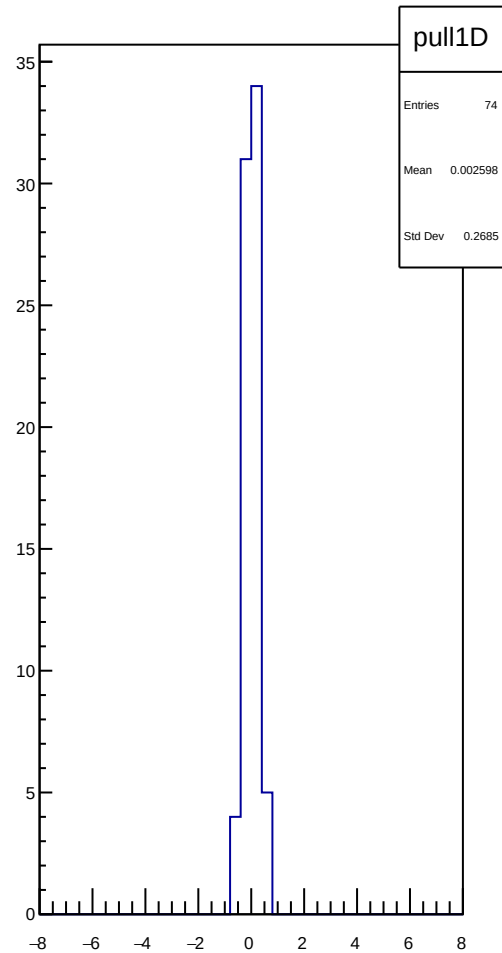
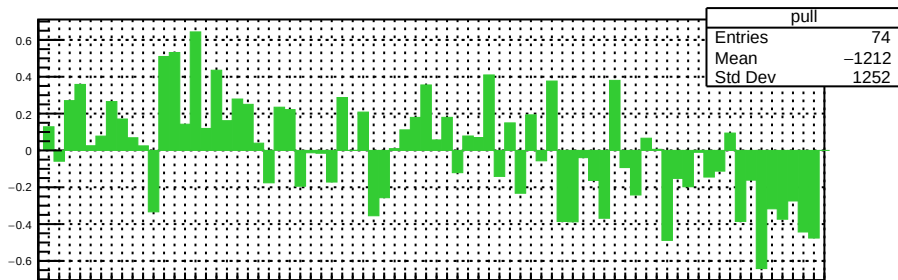
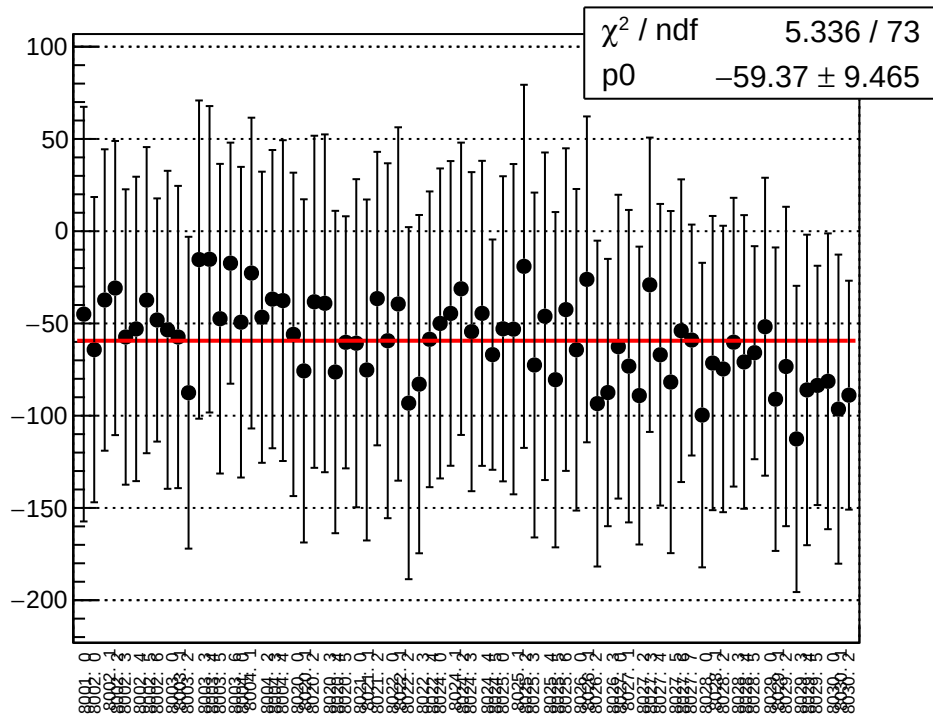




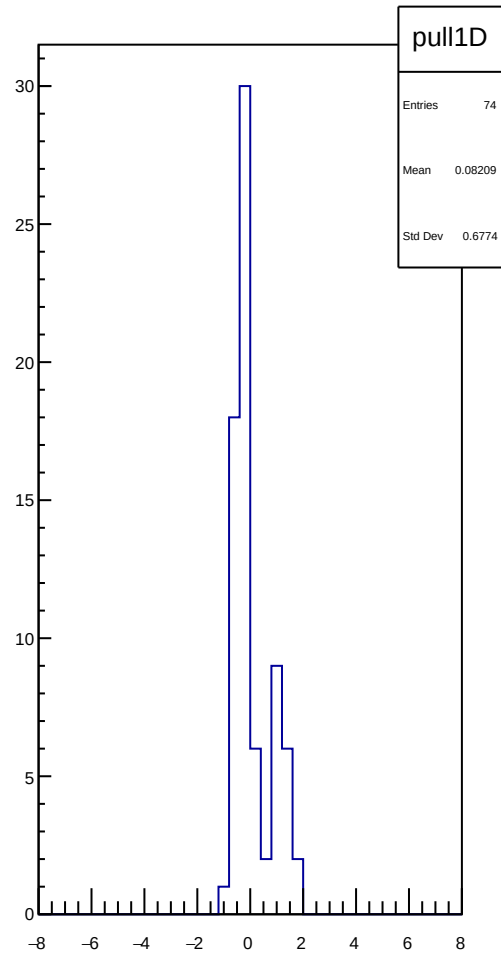
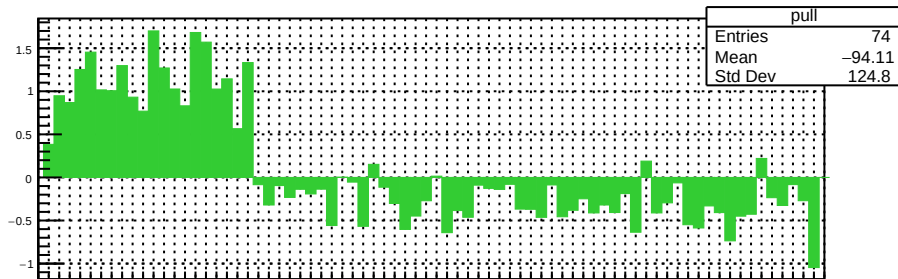
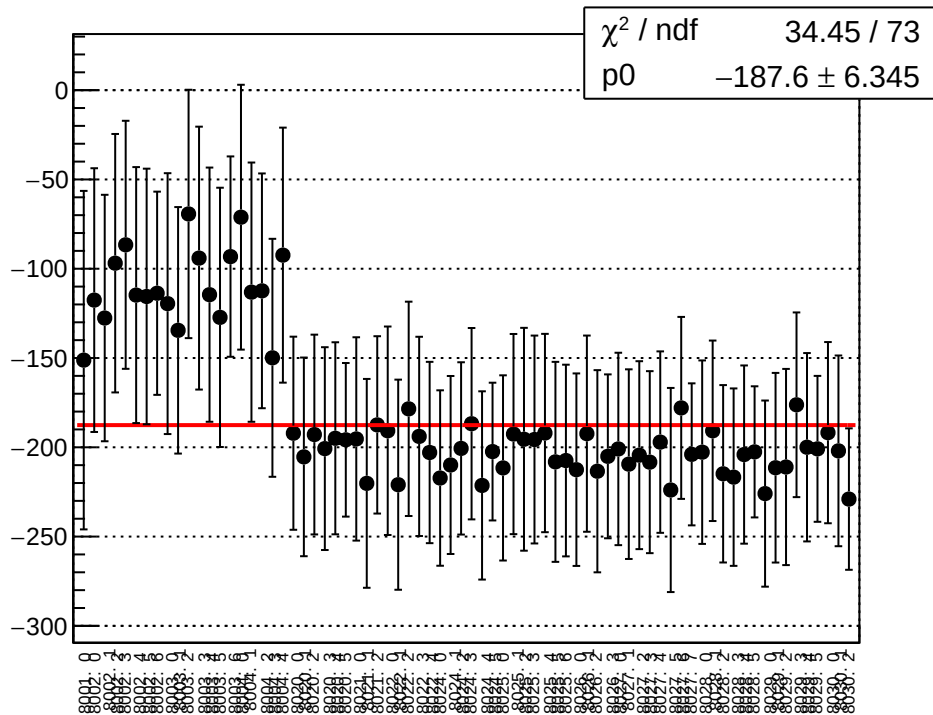
reg\_asym\_atl\_dd\_atr\_dd\_avg\_diff\_bpm1X\_slope vs run



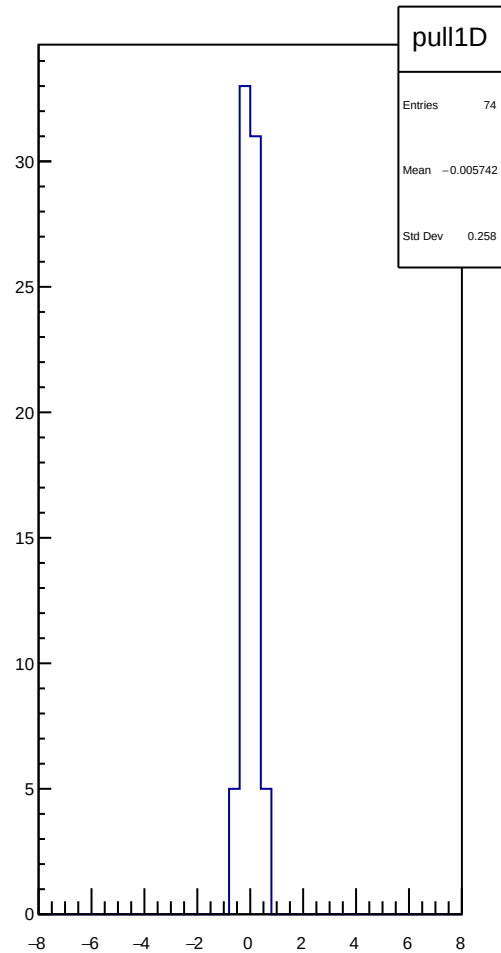
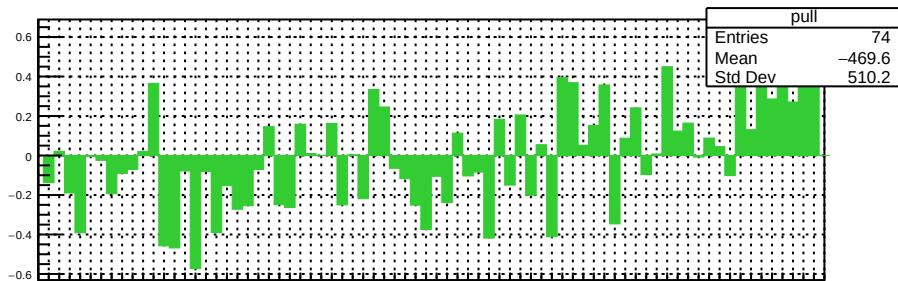
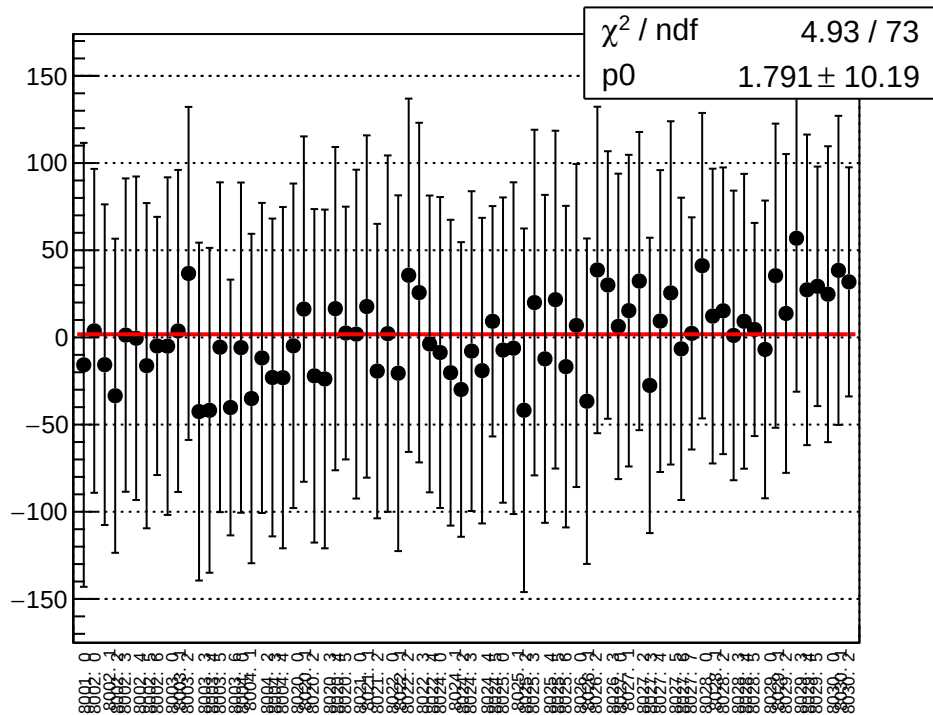
reg\_asym\_atl\_dd\_atr\_dd\_avg\_diff\_bpm4aY\_slope vs run



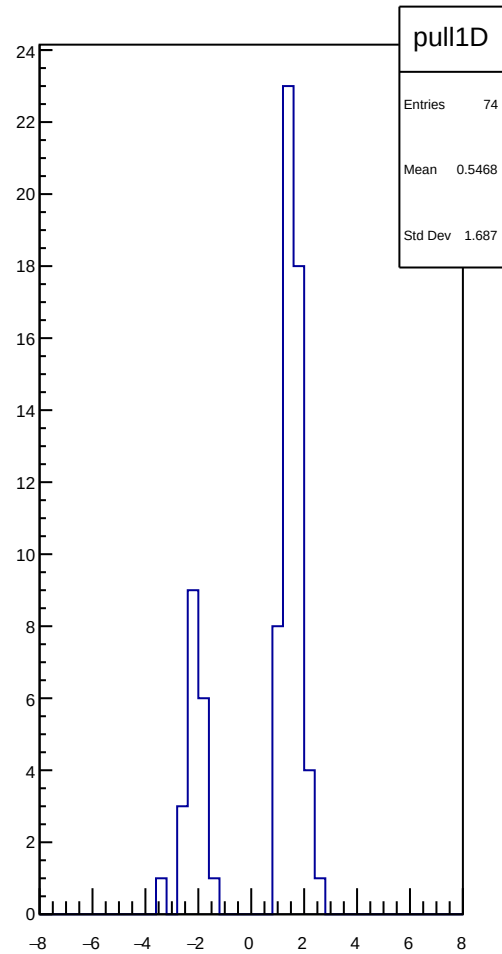
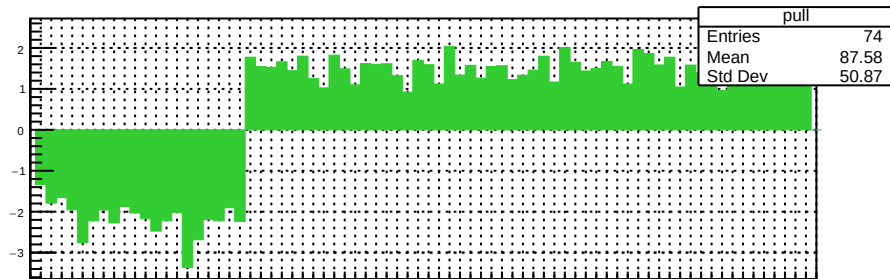
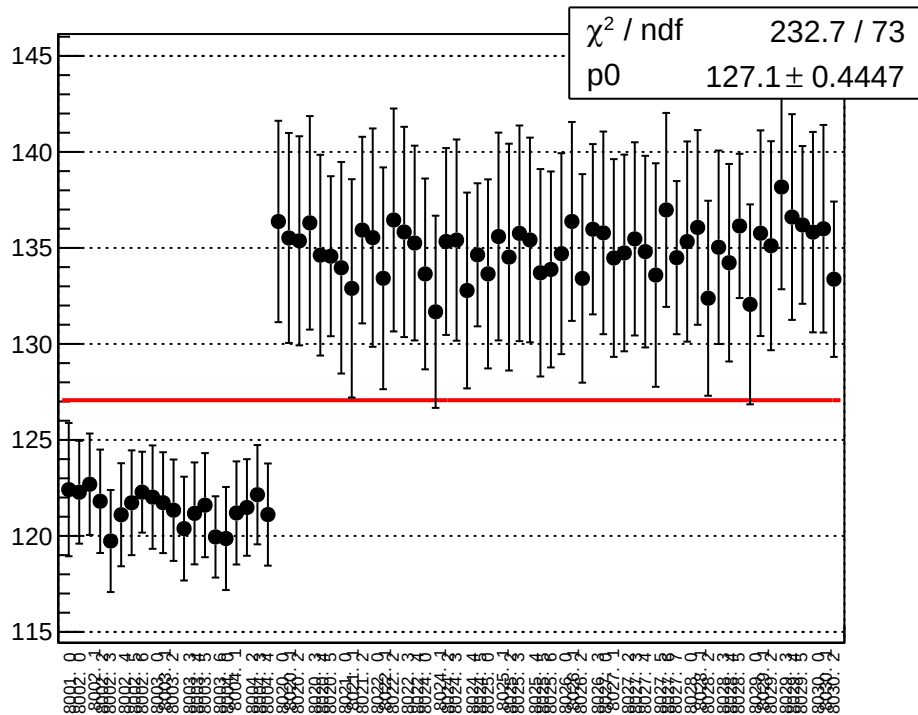
reg\_asym\_atl\_dd\_atr\_dd\_avg\_diff\_bpm4eX\_slope vs run



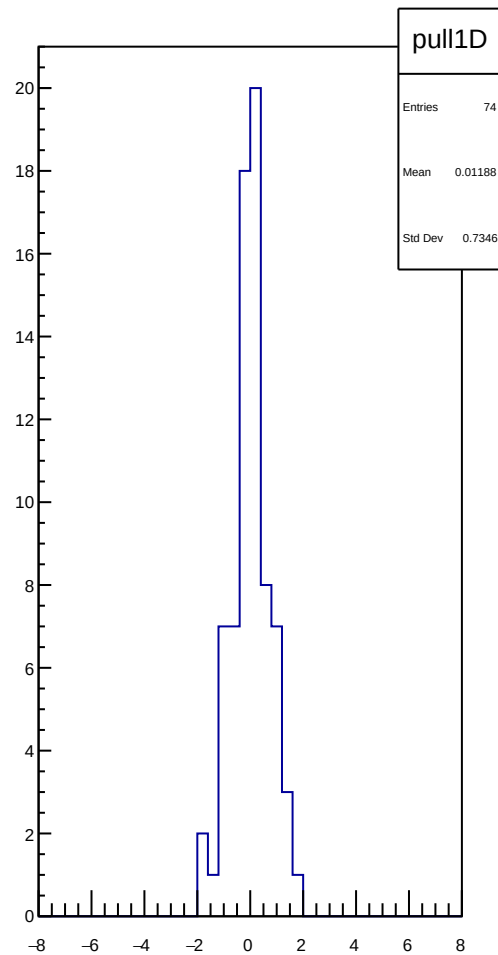
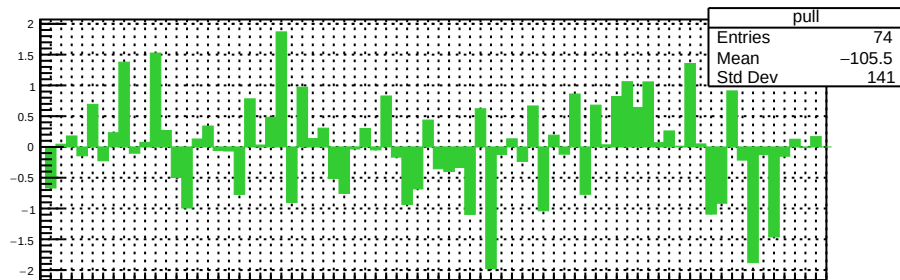
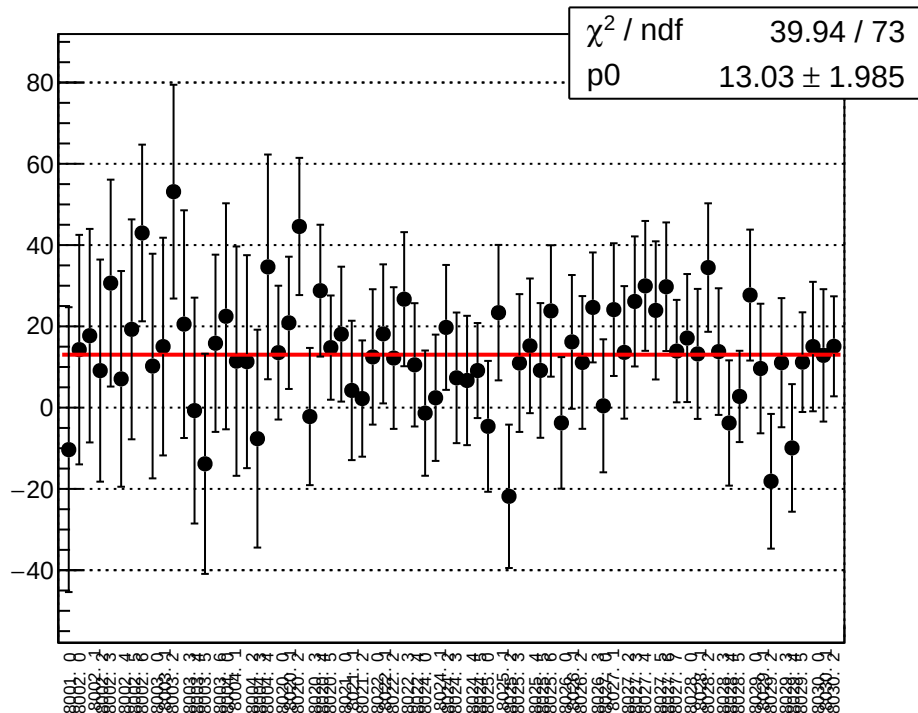
reg\_asym\_atl\_dd\_atr\_dd\_avg\_diff\_bpm4eY\_slope vs run



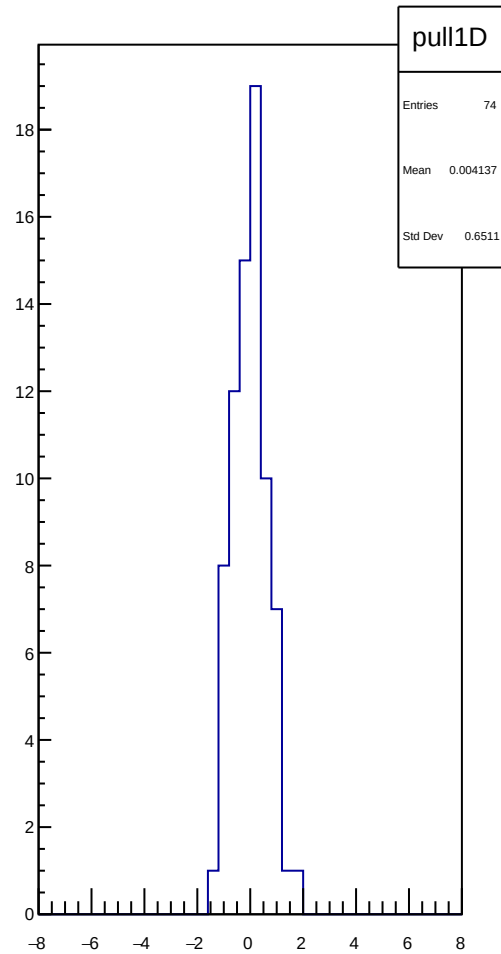
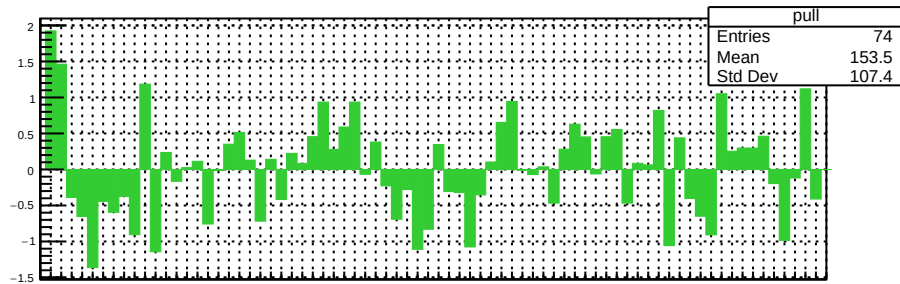
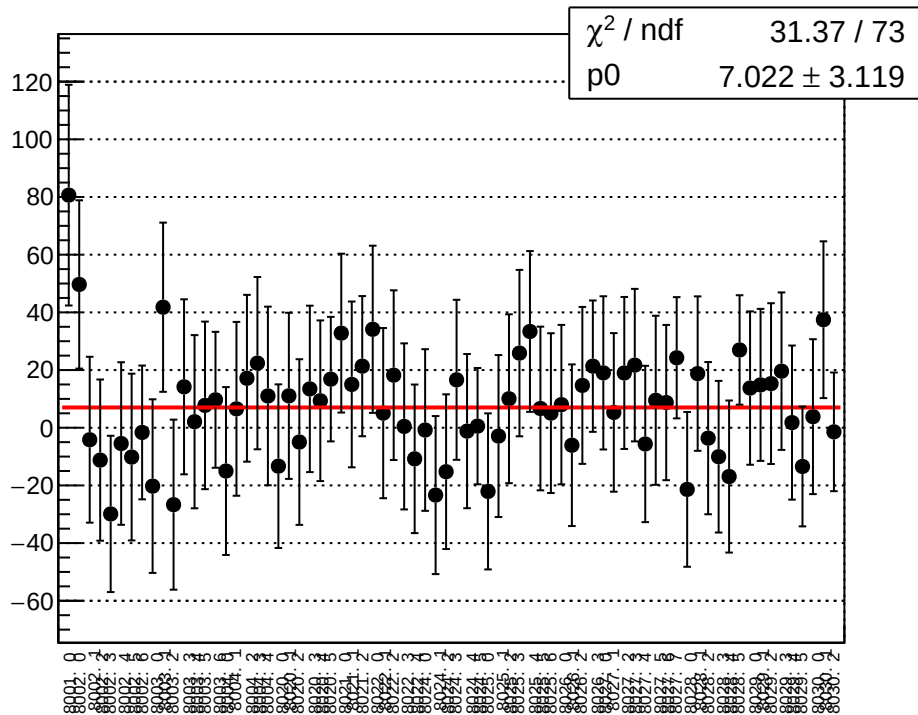
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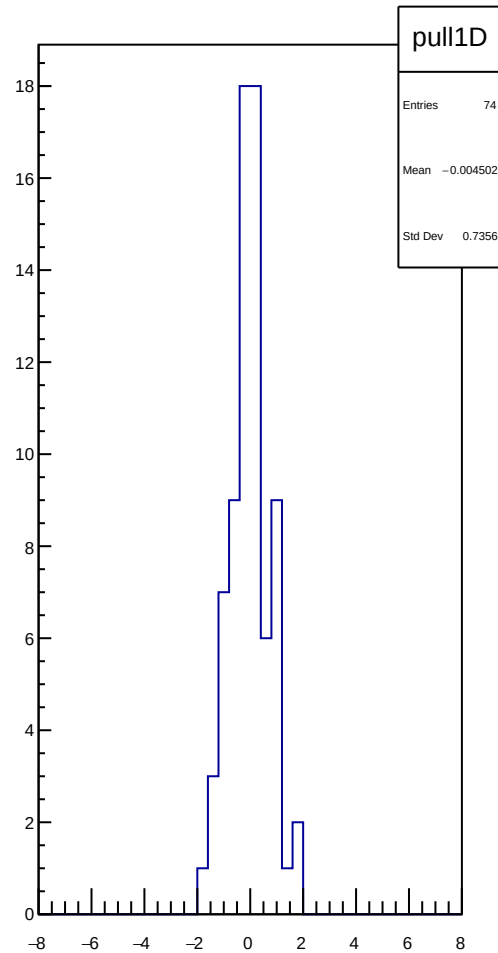
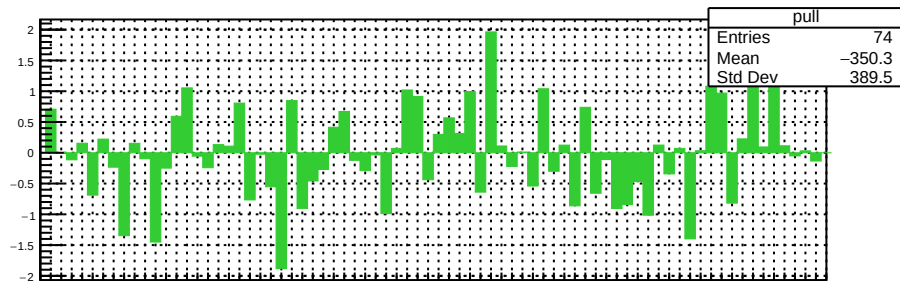
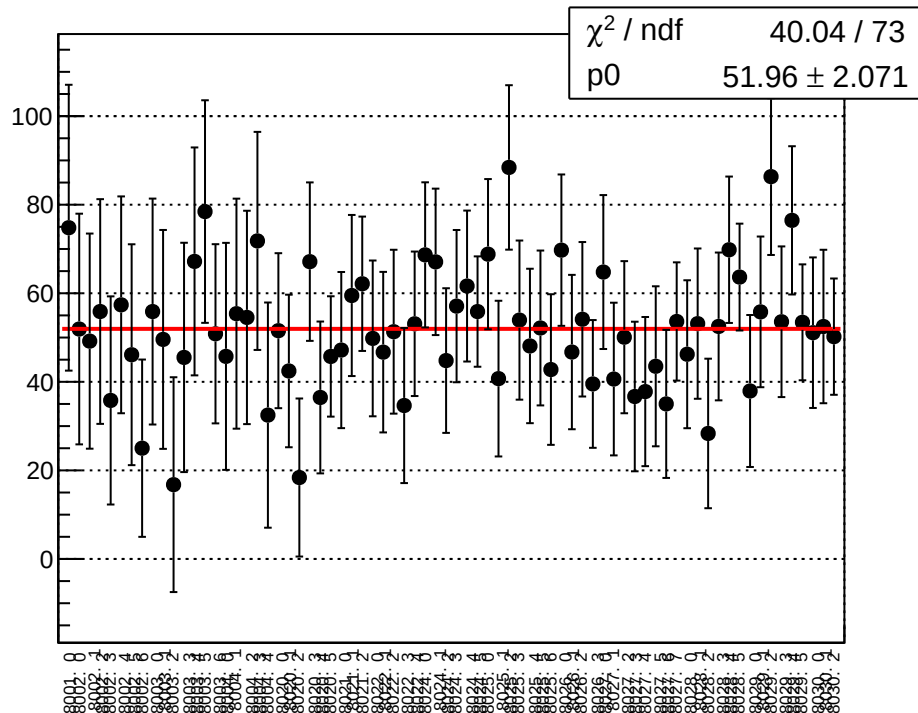
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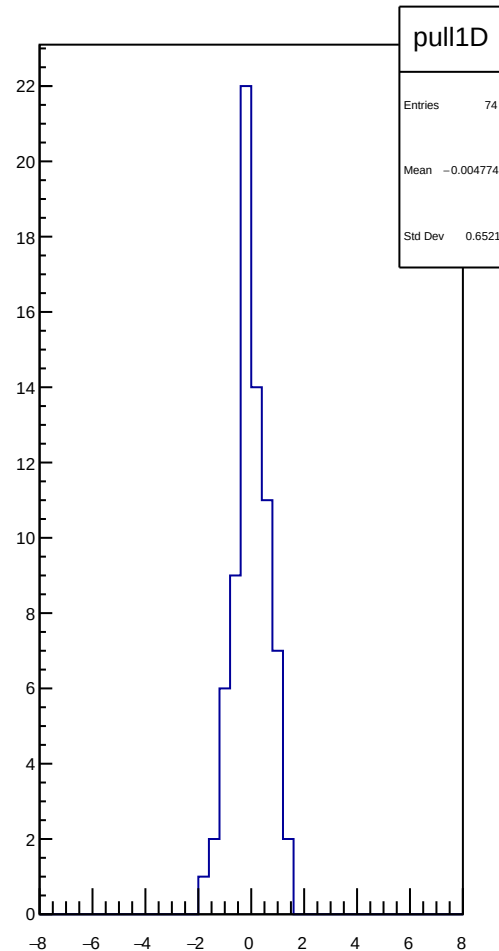
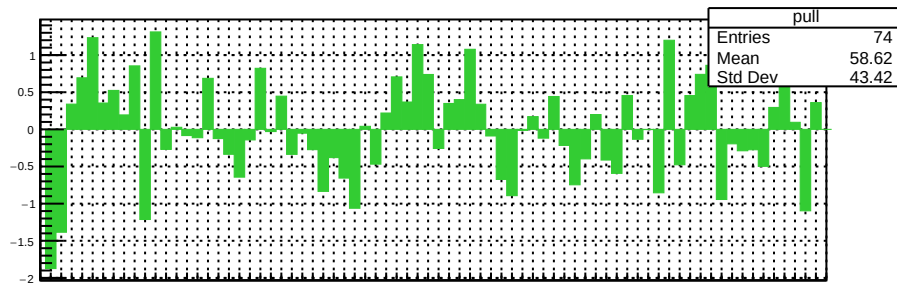
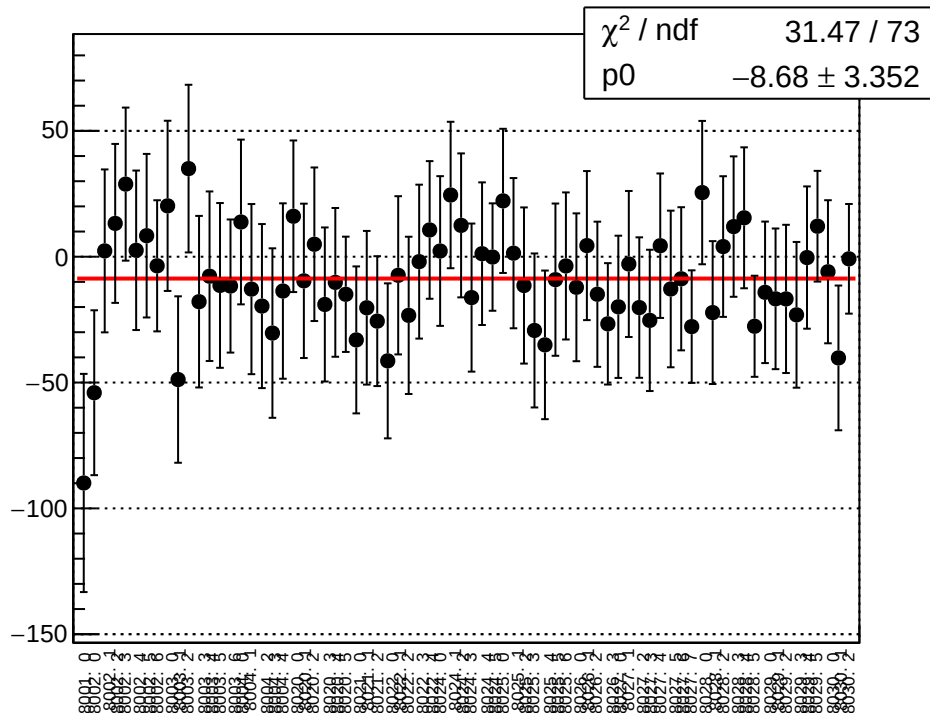


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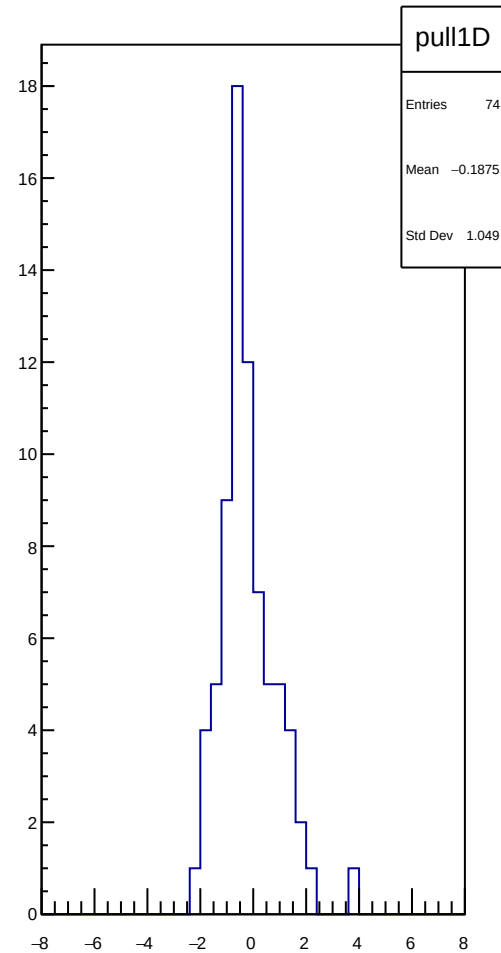
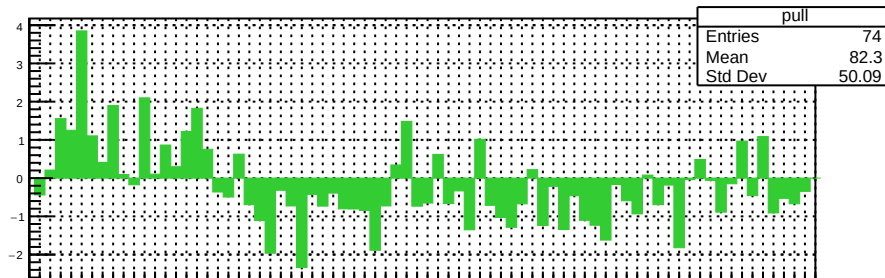
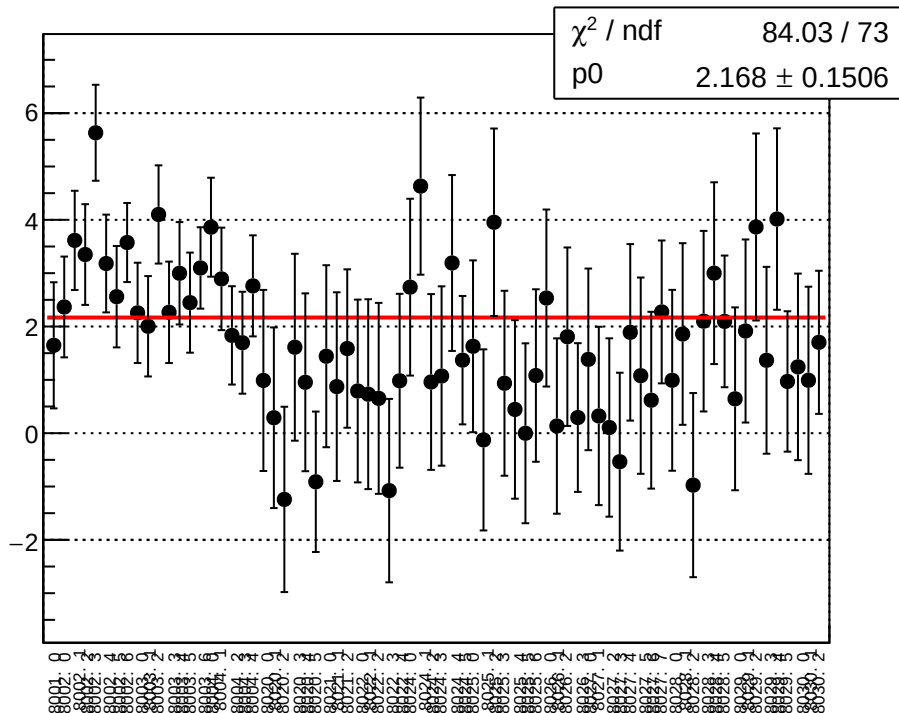




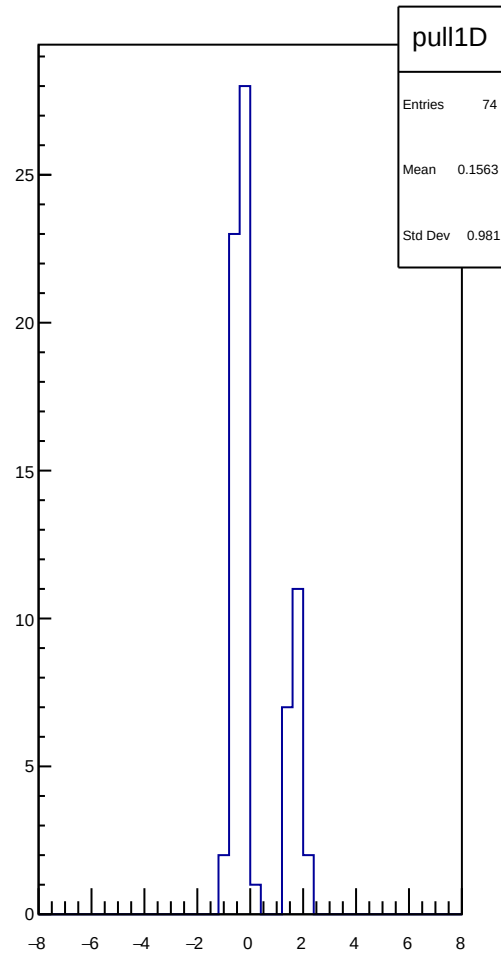
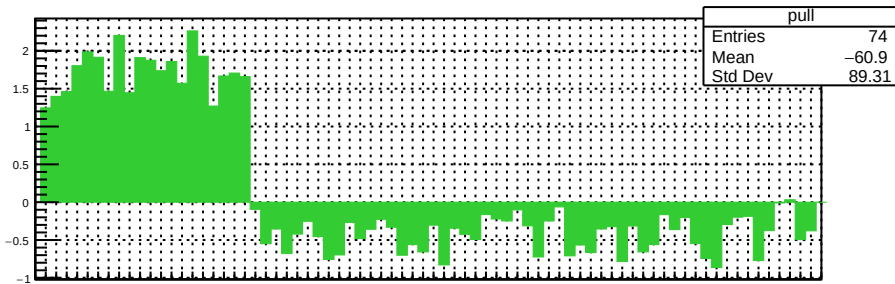
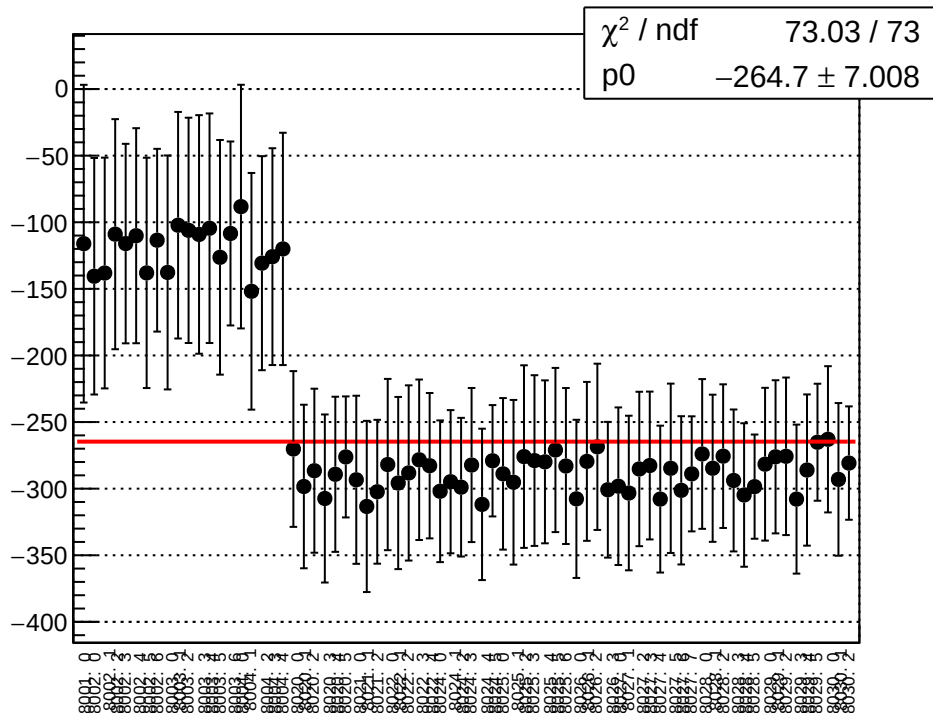
reg\_asym\_atl\_dd\_atr\_dd\_dd\_diff\_bpm4eY\_slope vs run



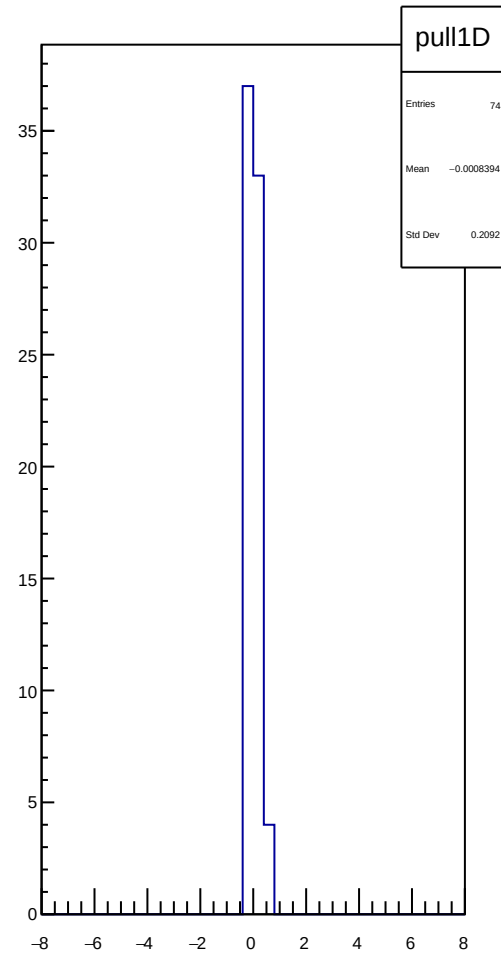
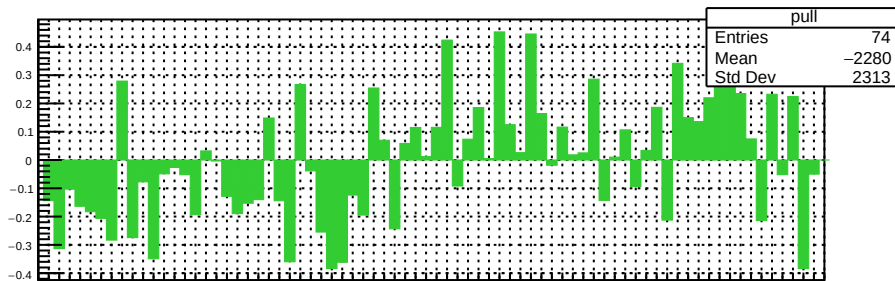
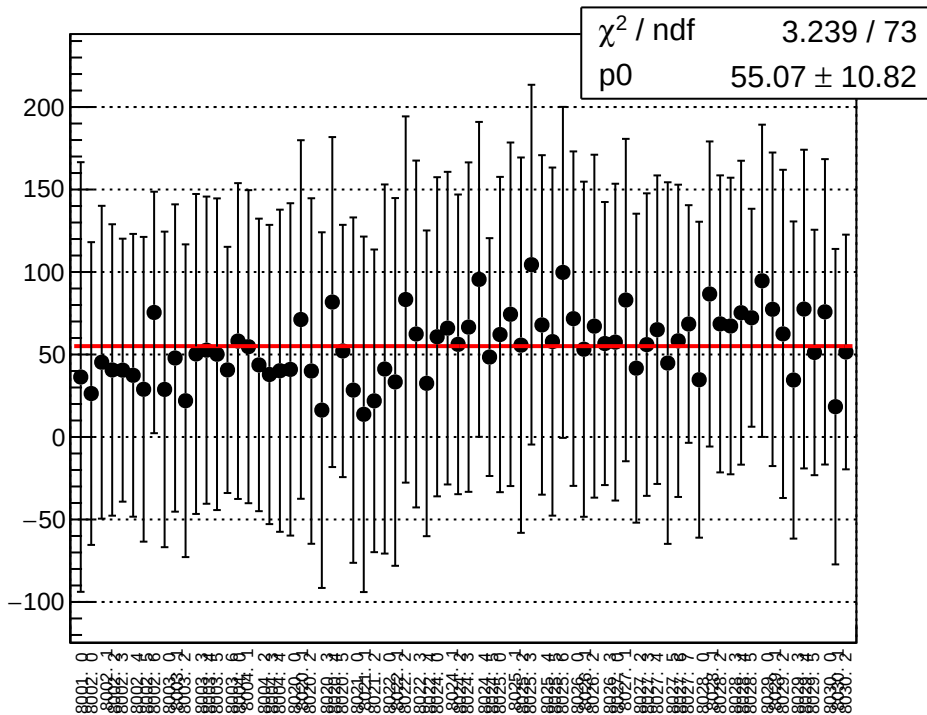
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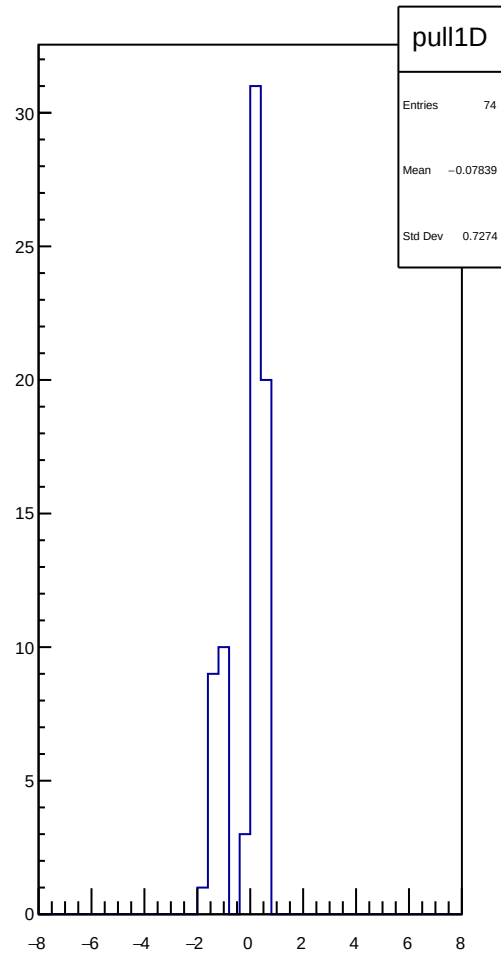
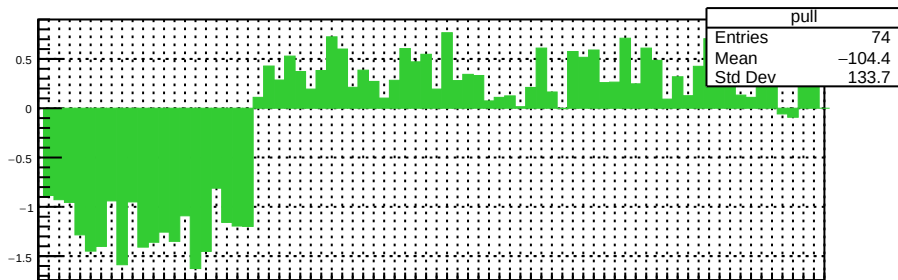
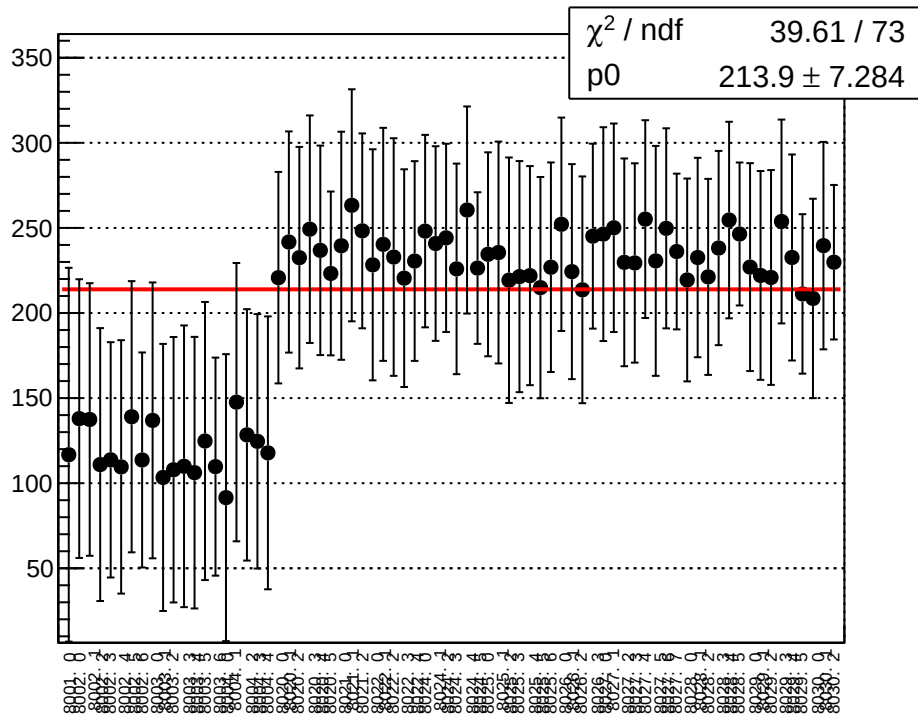
reg\_asym\_atl\_avg\_atr\_avg\_avg\_diff\_bpm1X\_slope vs run



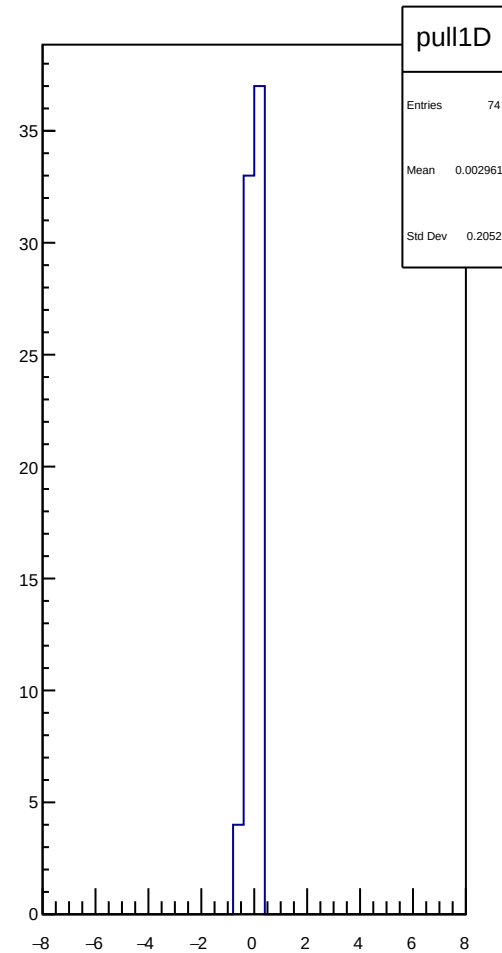
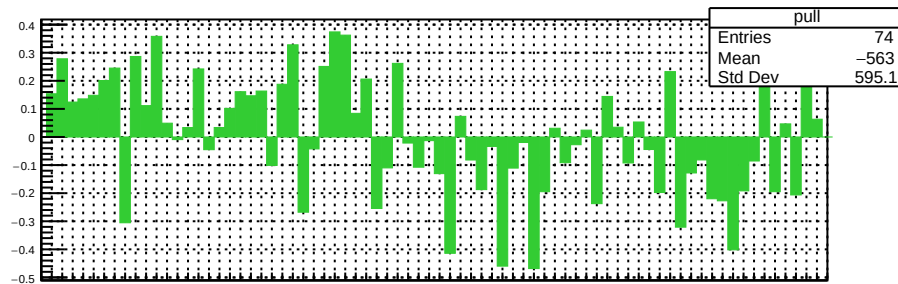
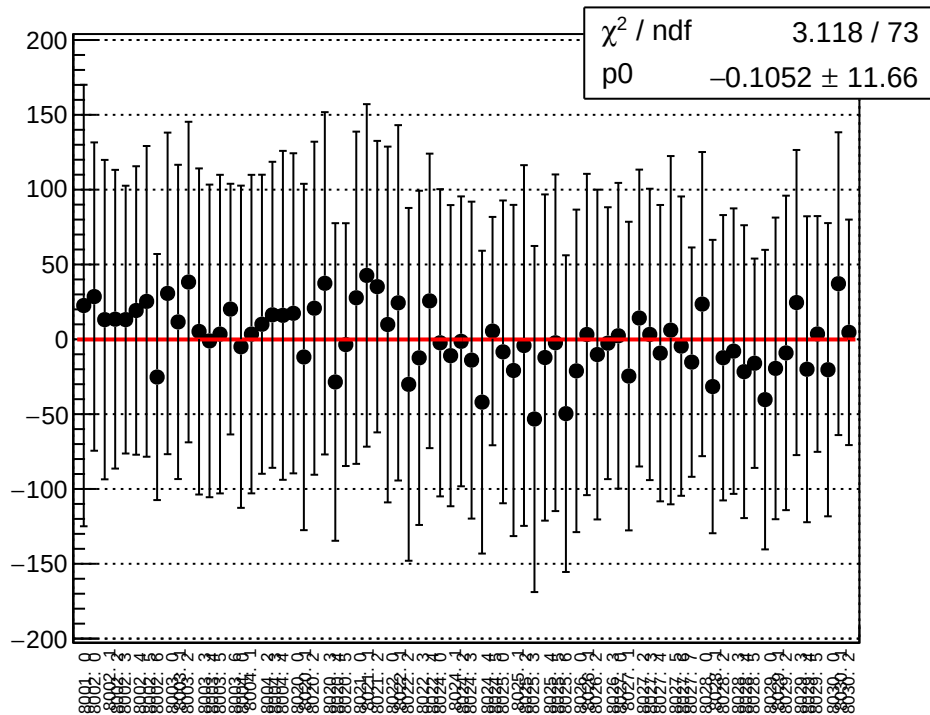
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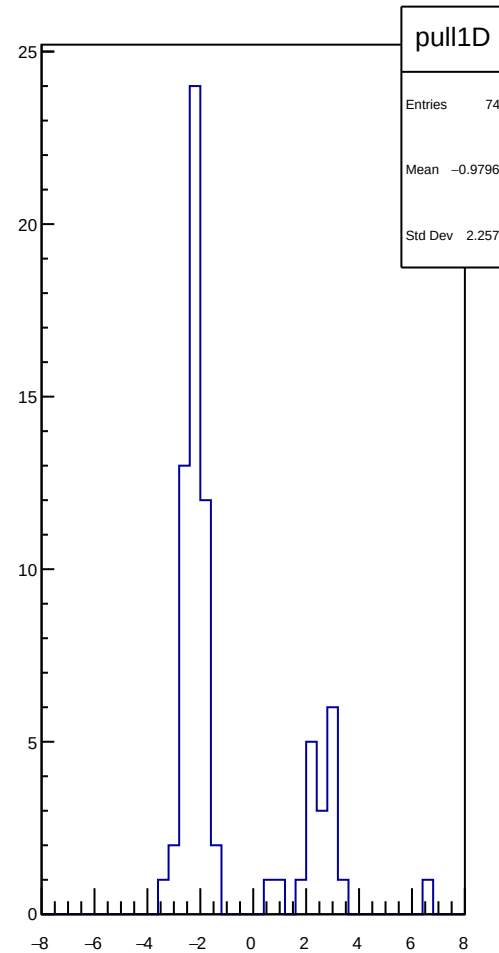
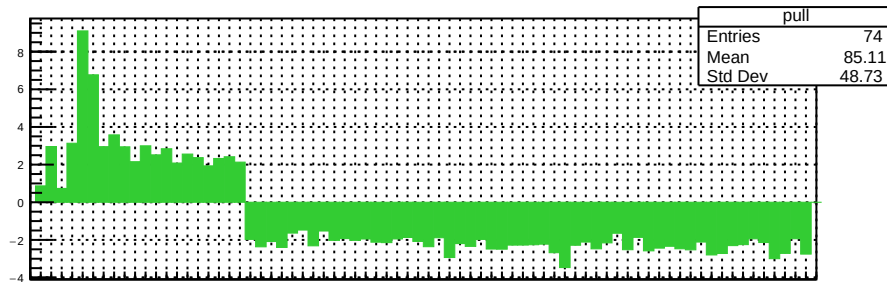
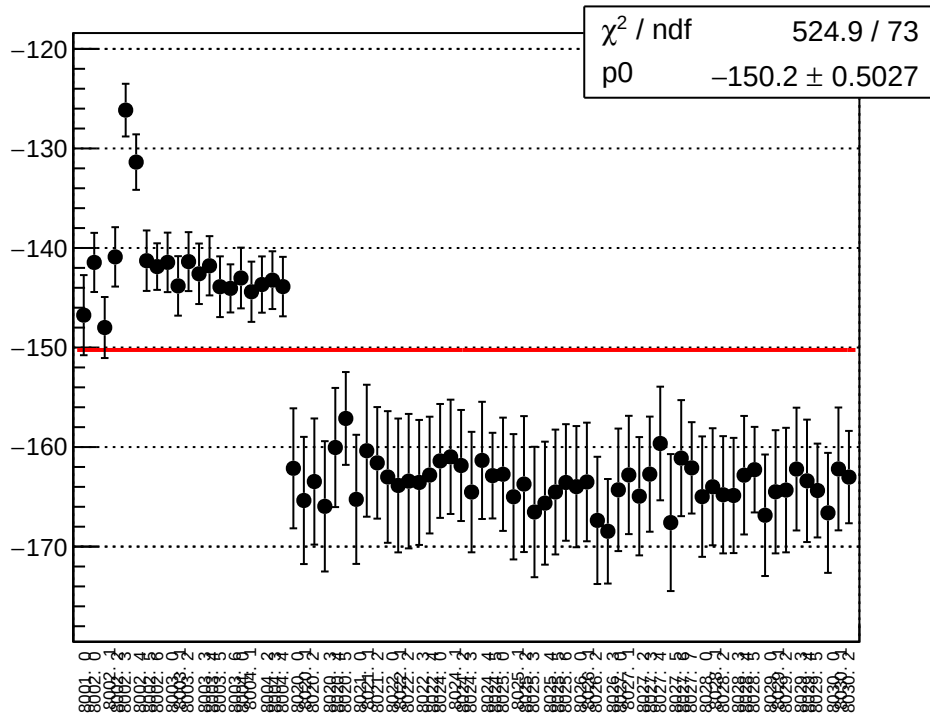
reg\_asym\_atl\_avg\_atr\_avg\_avg\_diff\_bpm4eX\_slope vs run



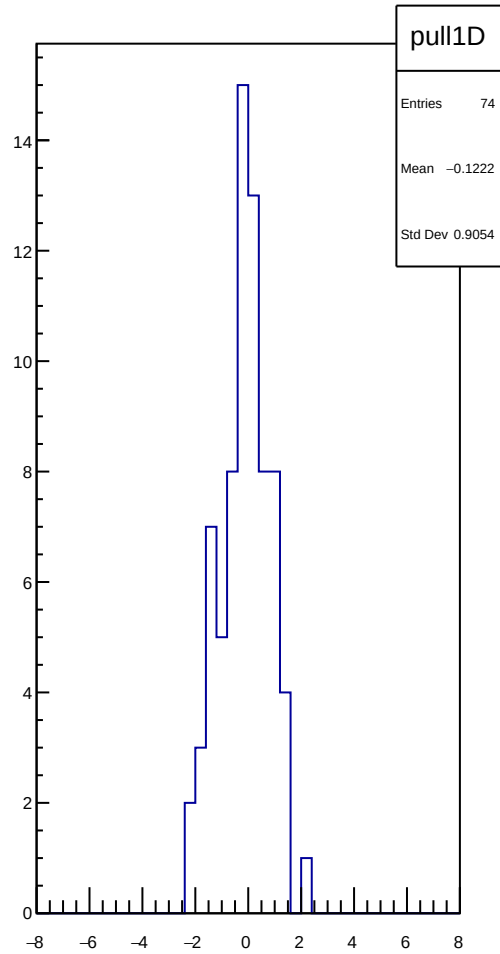
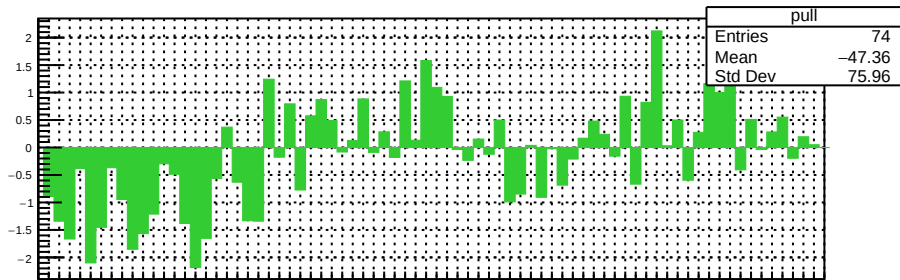
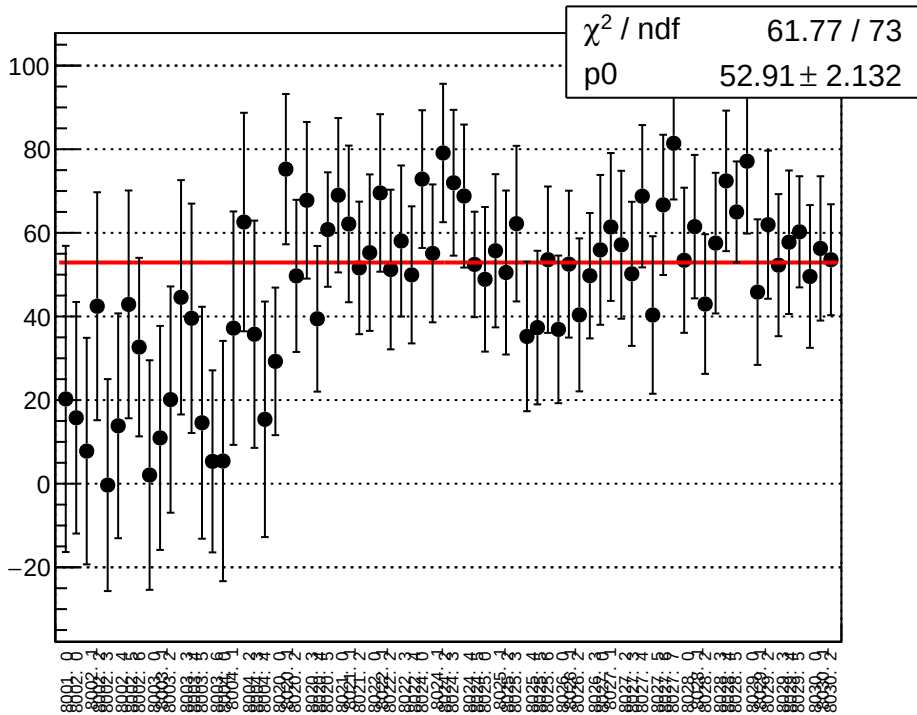
reg\_asym\_atl\_avg\_atr\_avg\_avg\_diff\_bpm4eY\_slope vs run



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

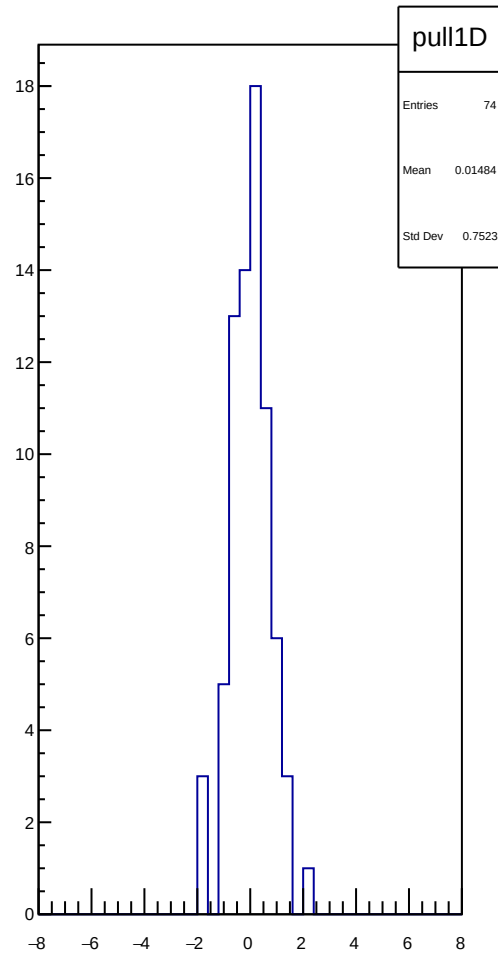
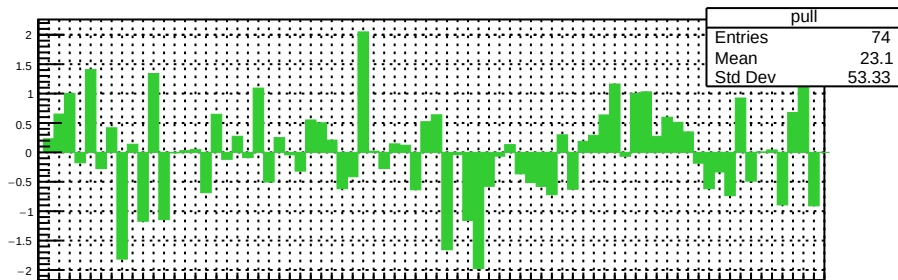
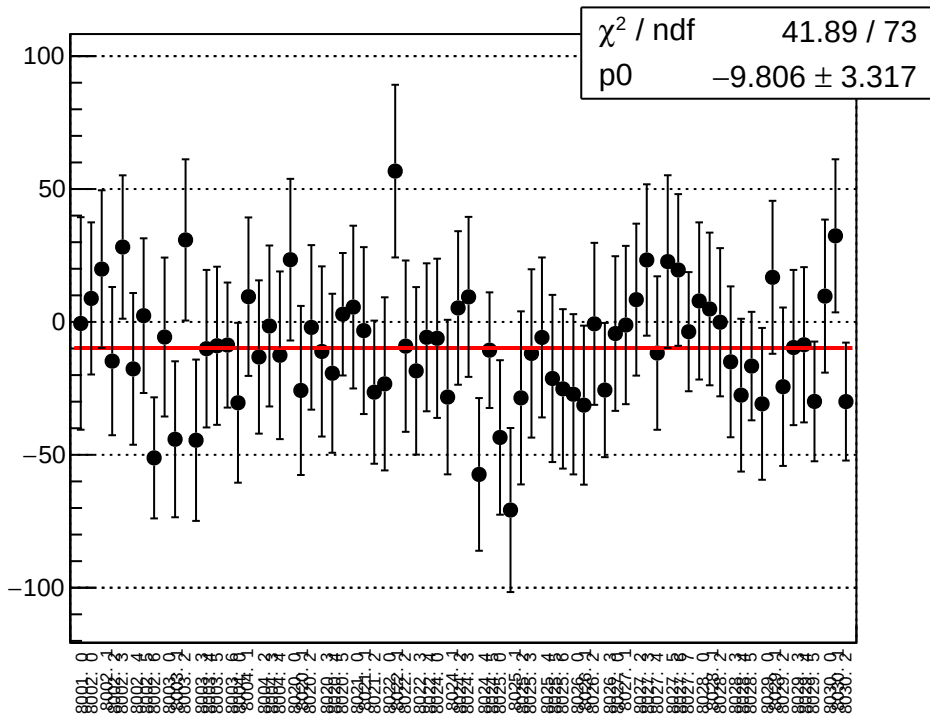


reg asym atl avg atr avg dd diff bpm1X slope vs run

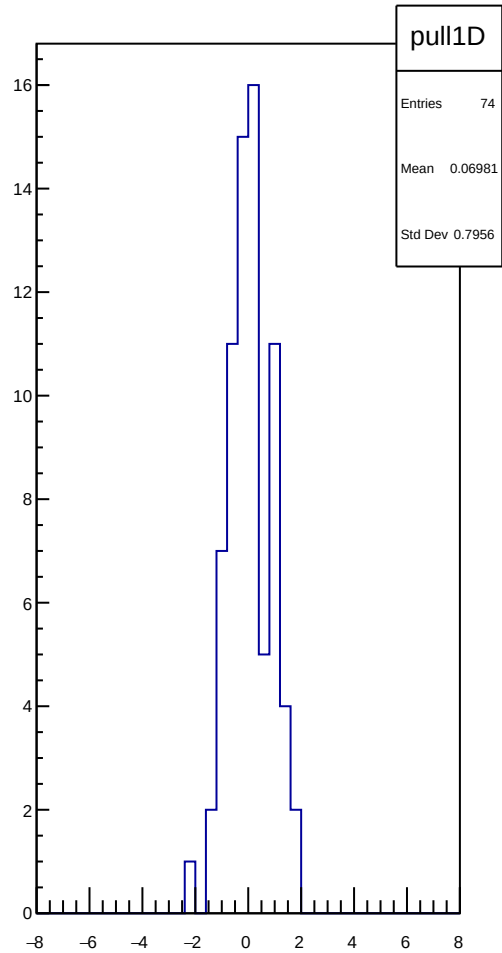
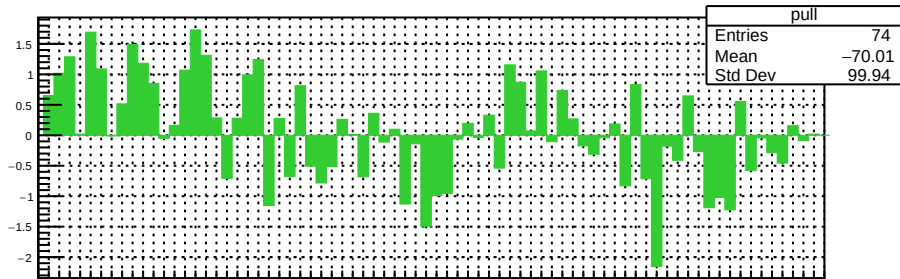
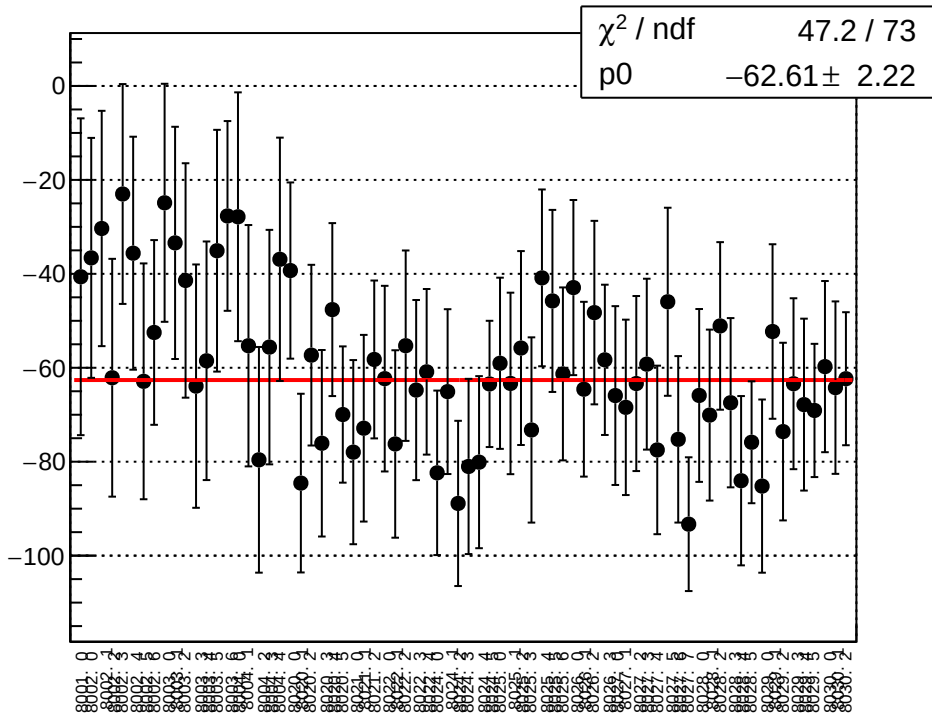




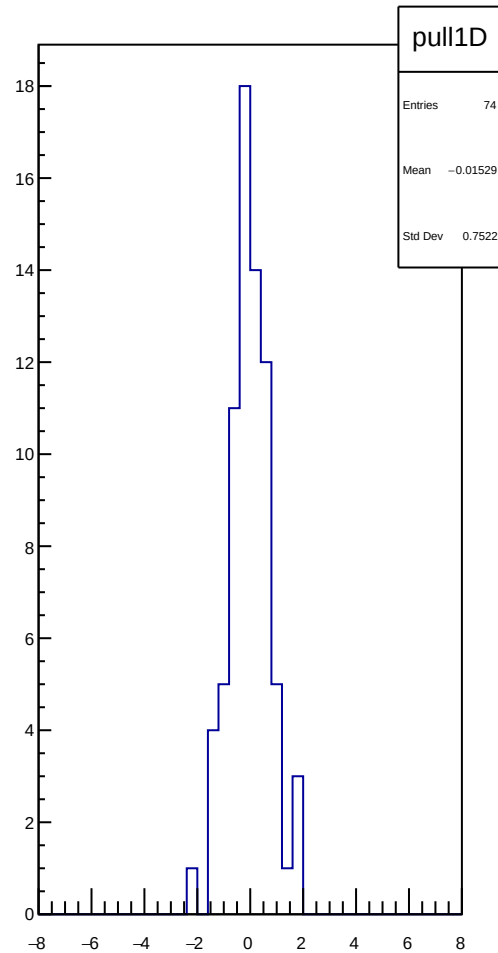
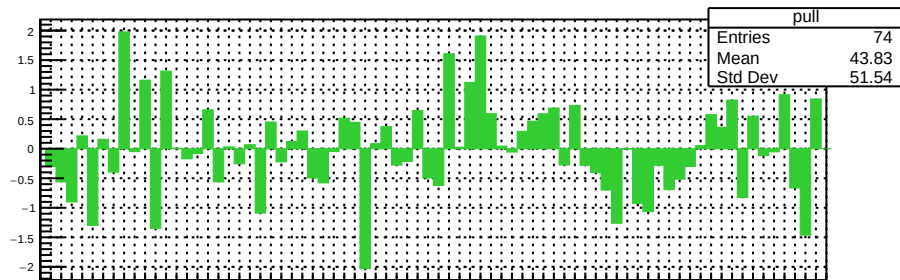
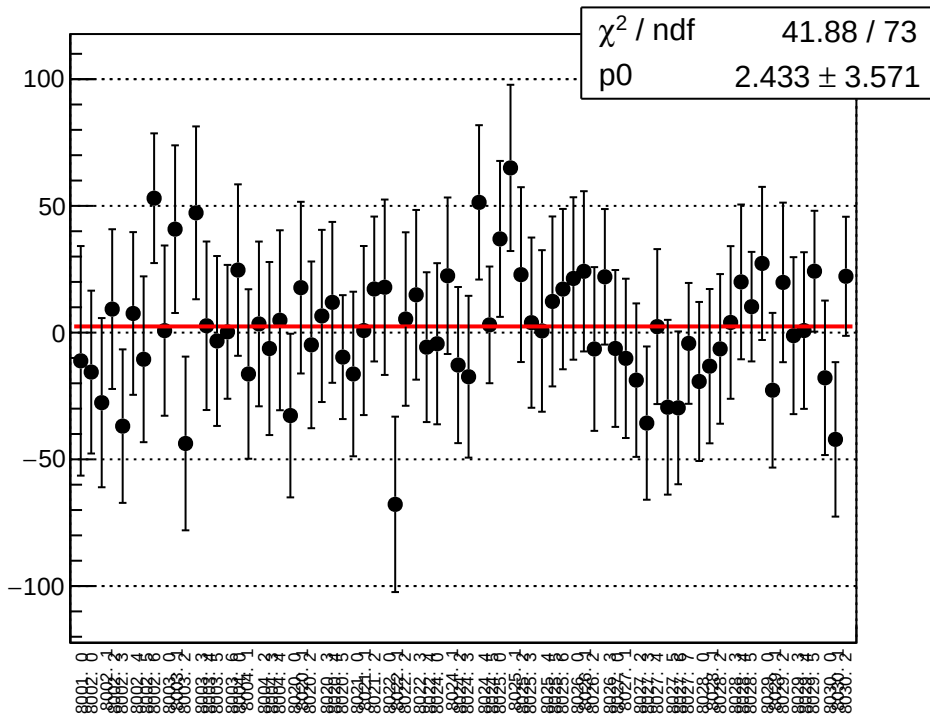
reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm4aY\_slope vs run



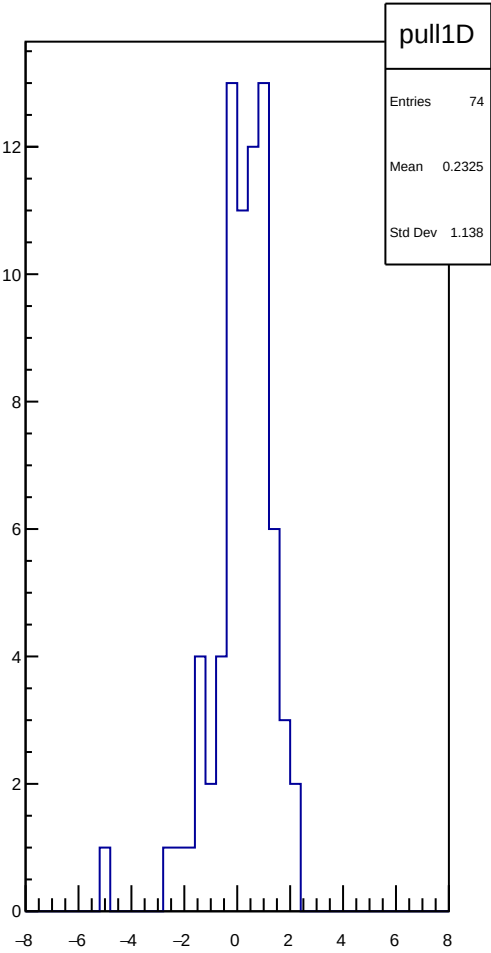
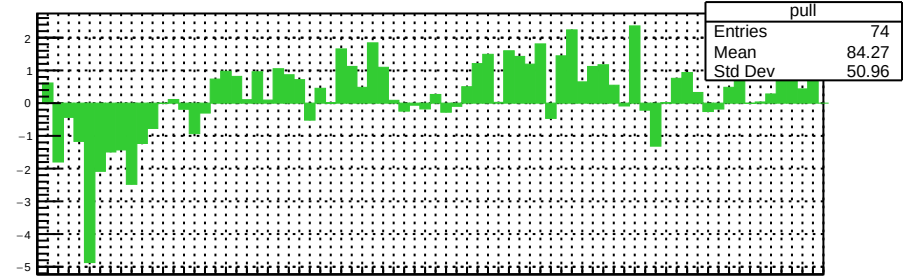
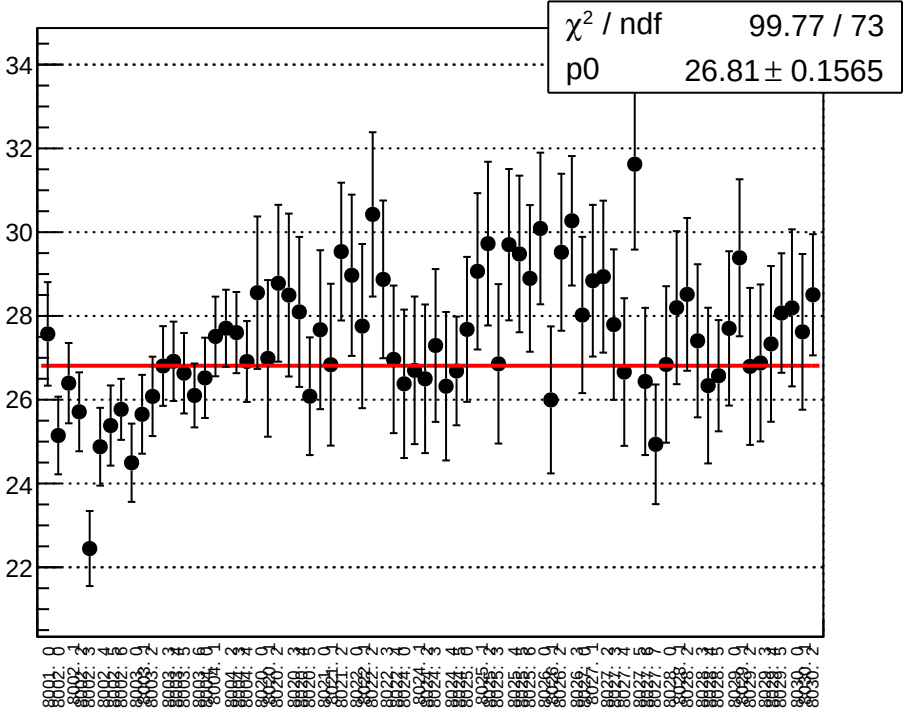
reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm4eX\_slope vs run



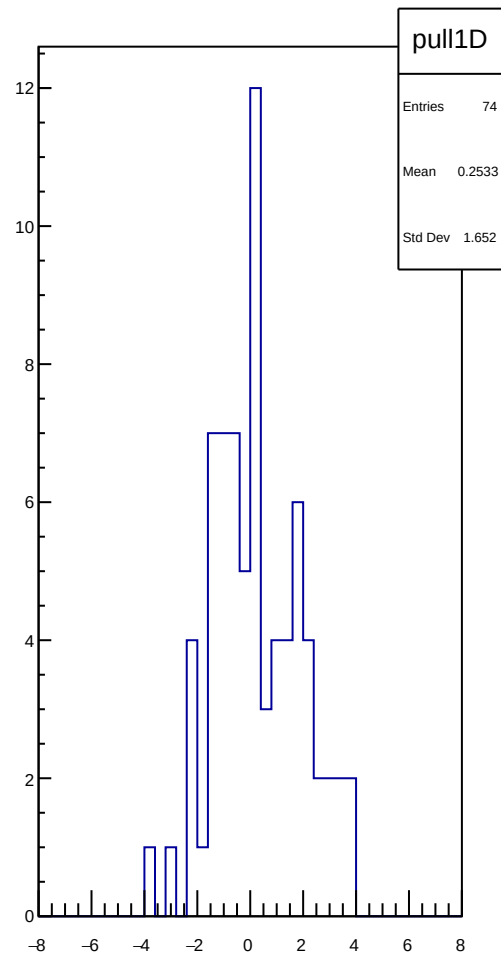
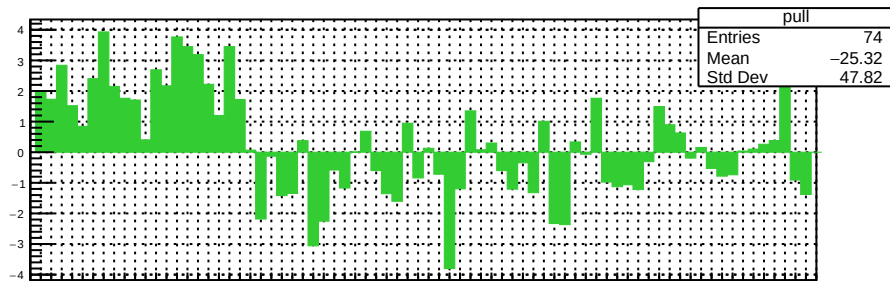
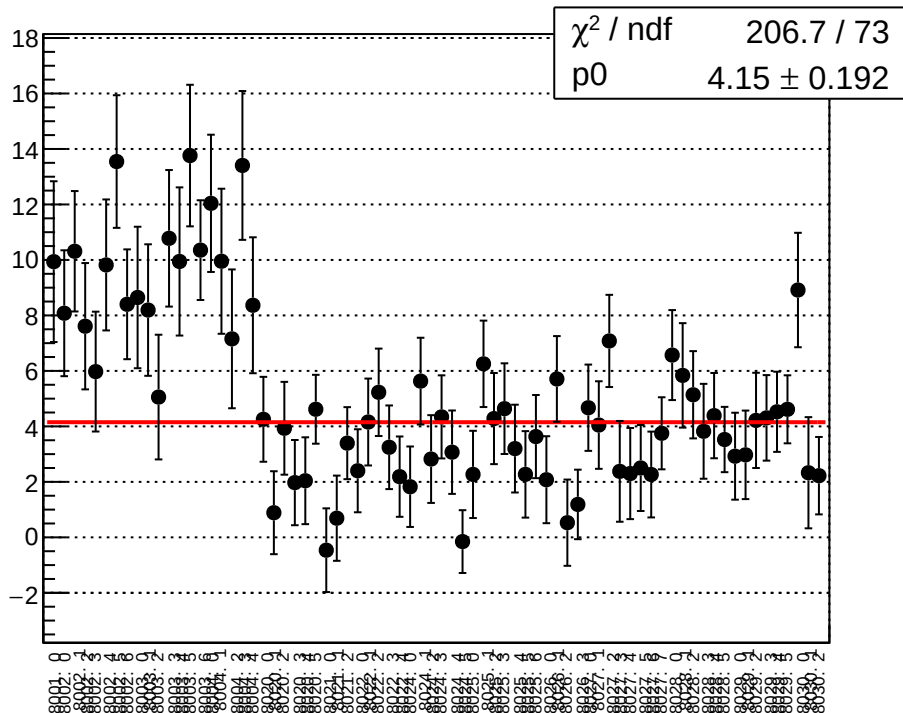
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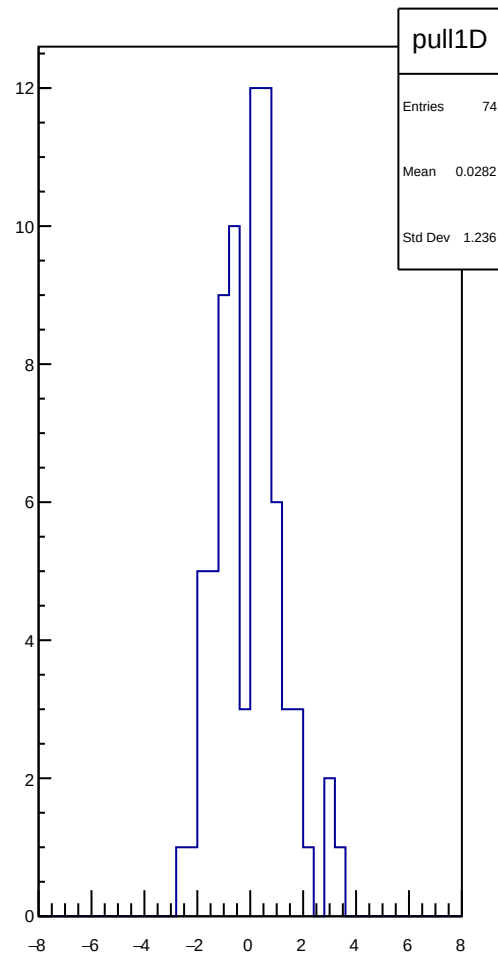
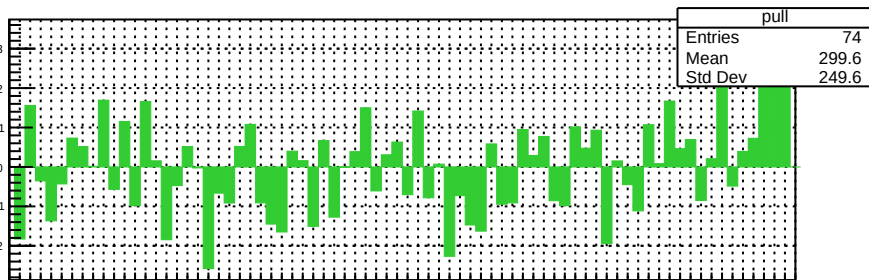
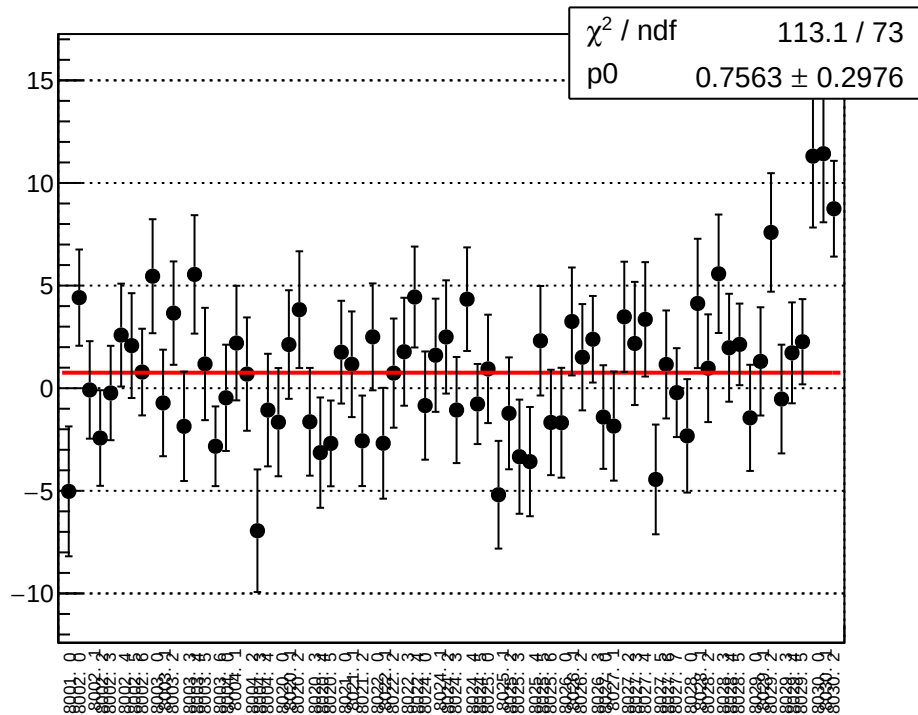
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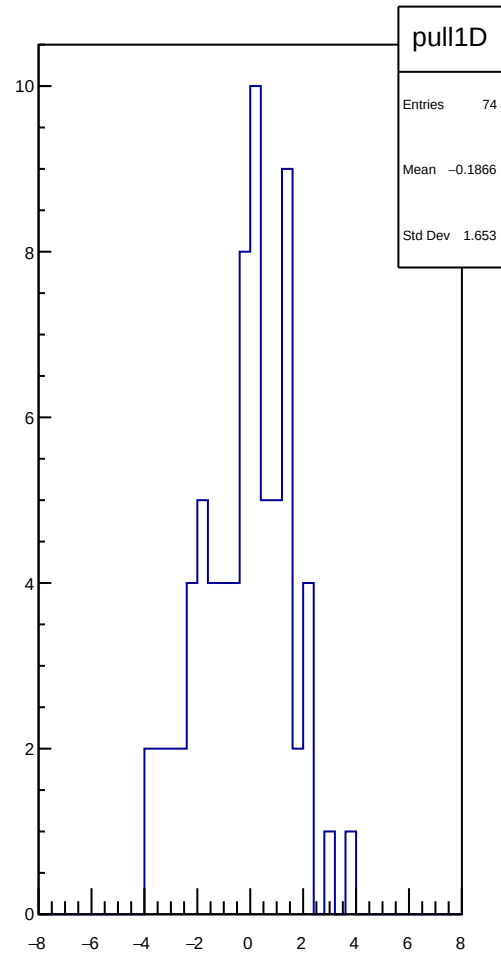
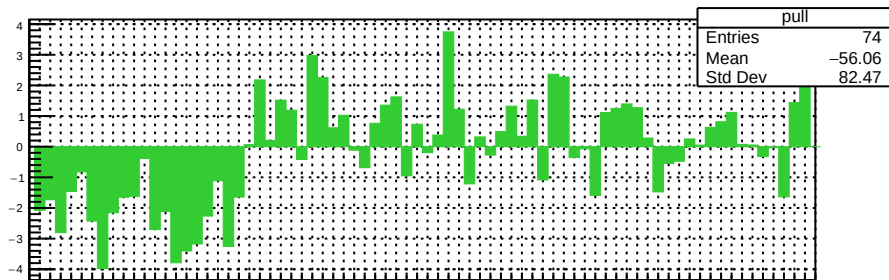
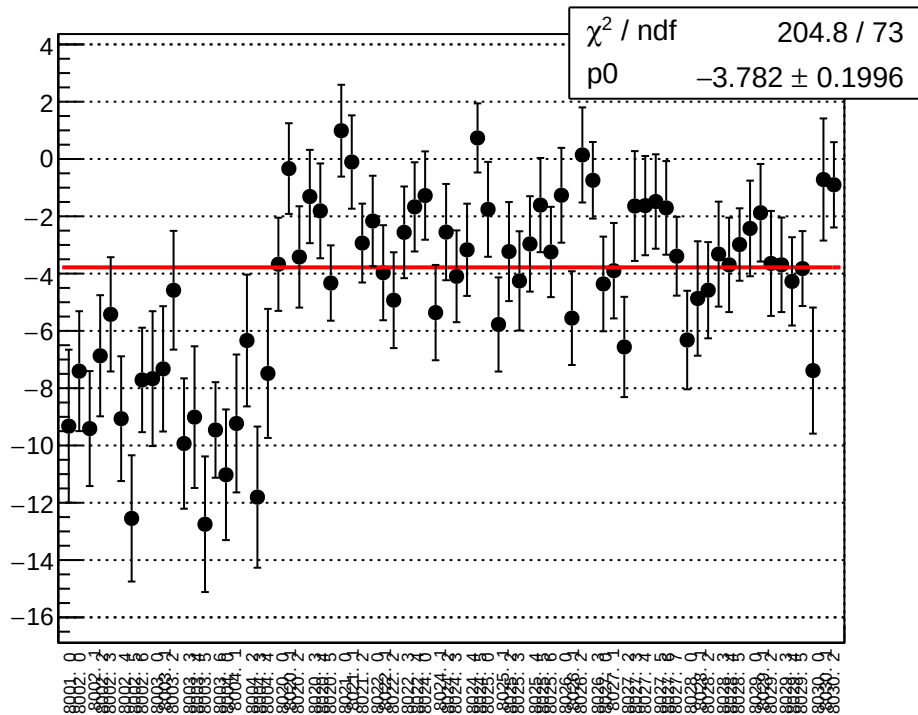
reg\_asym\_bcm\_an\_ds3\_diff\_bpm1X\_slope vs run



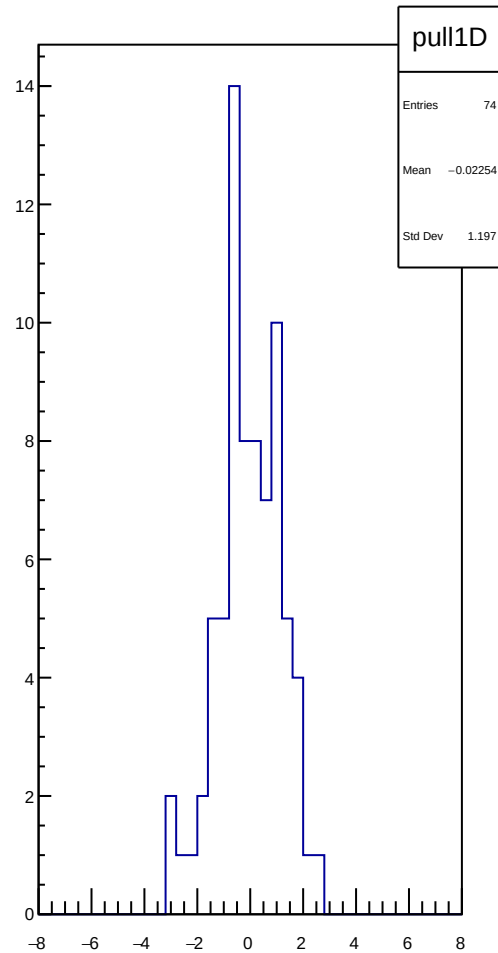
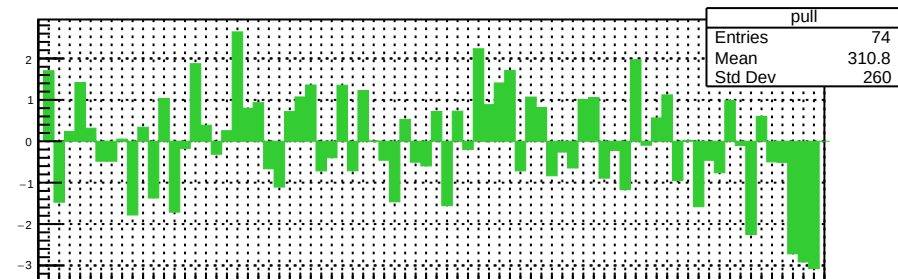
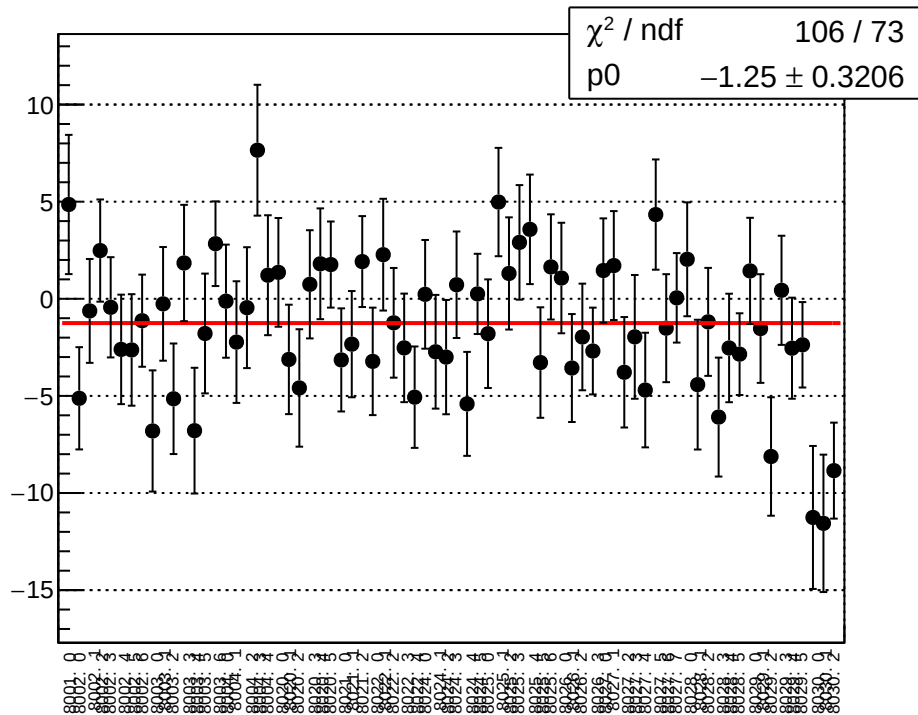
reg\_asym\_bcm\_an\_ds3\_diff\_bpm4aY\_slope vs run



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

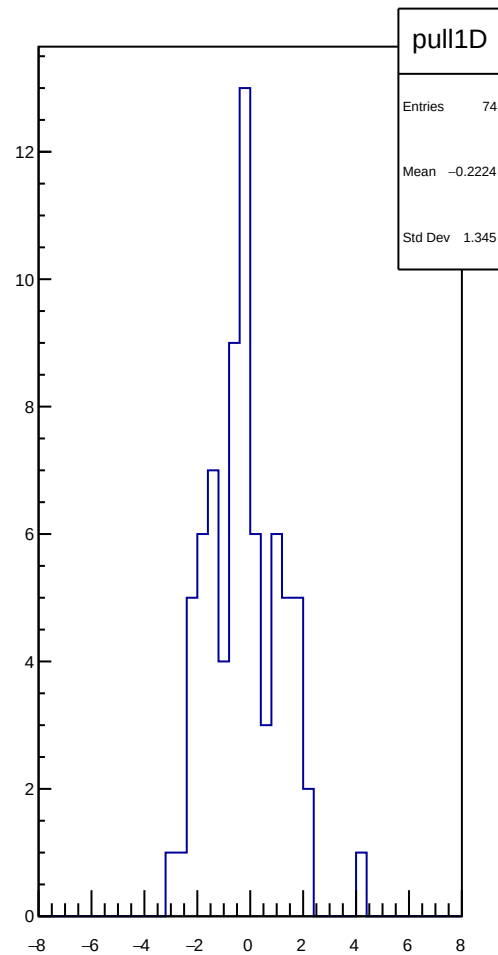
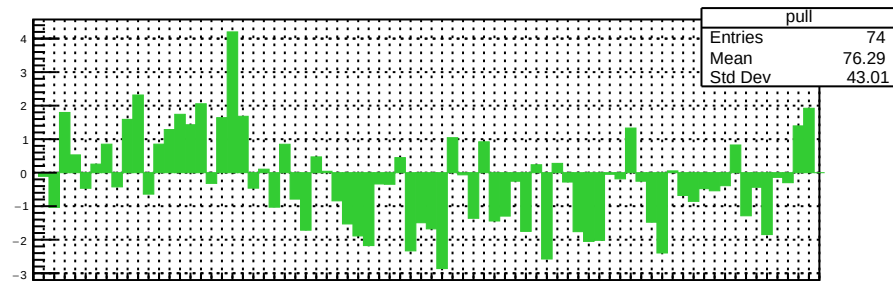
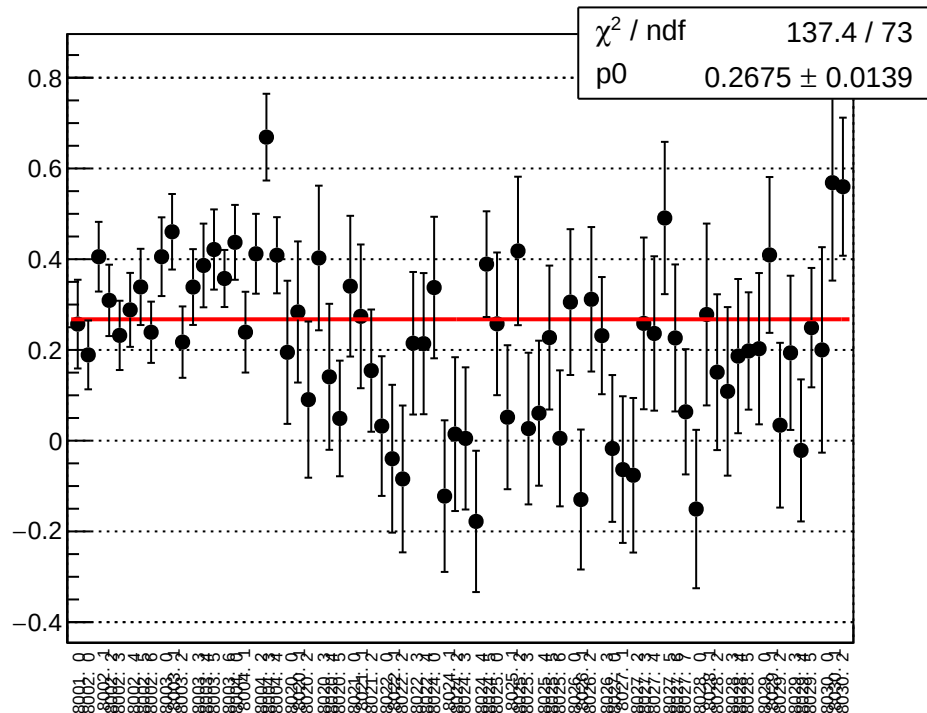


reg\_asym\_bcm\_an\_ds3\_diff\_bpm4eY\_slope vs run

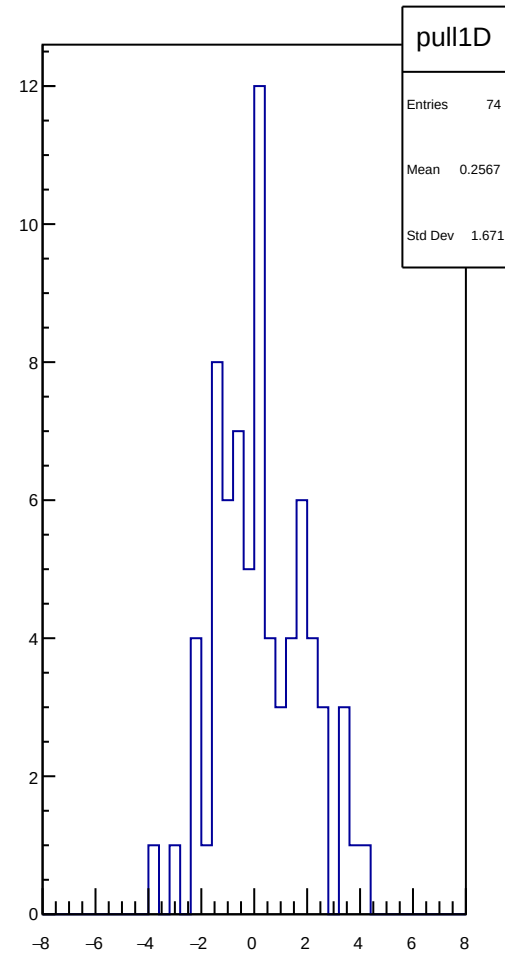
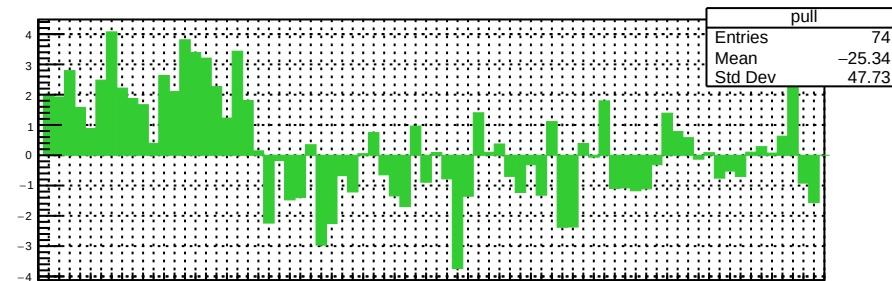
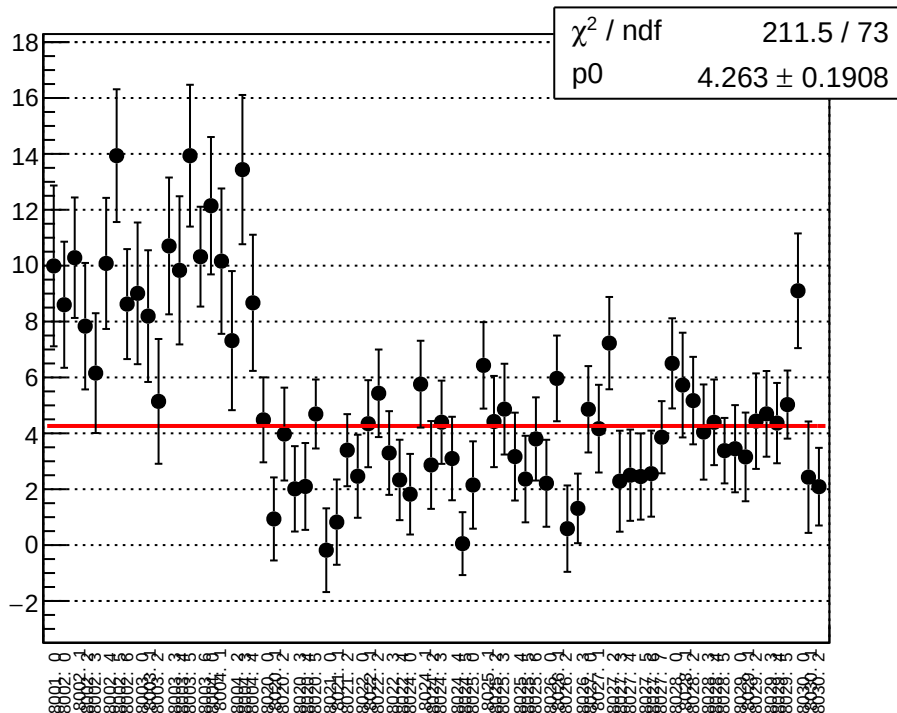




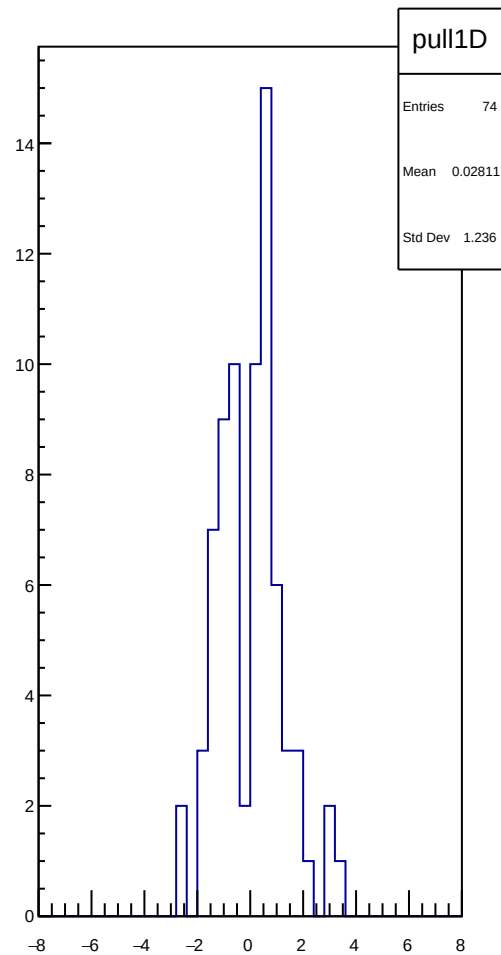
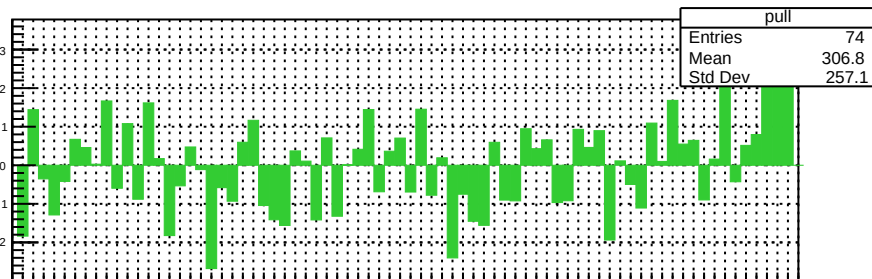
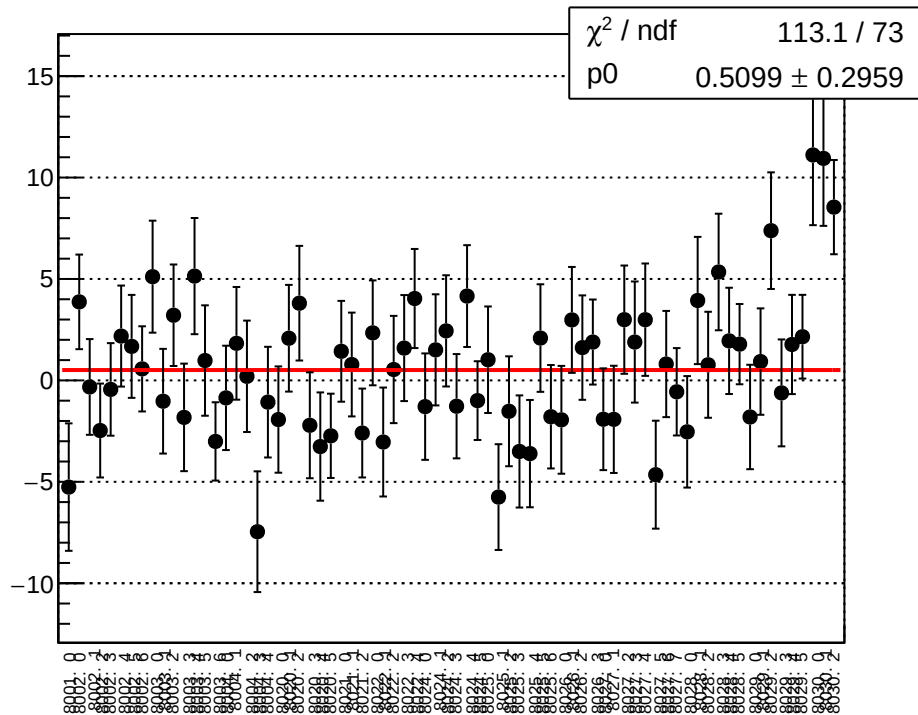
reg\_asym\_bcm\_an\_ds3\_diff\_bpm12X\_slope vs run



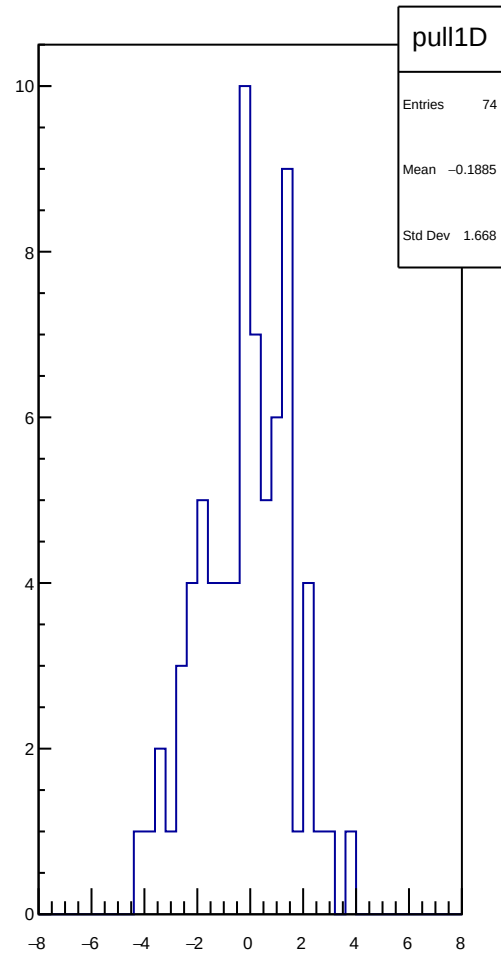
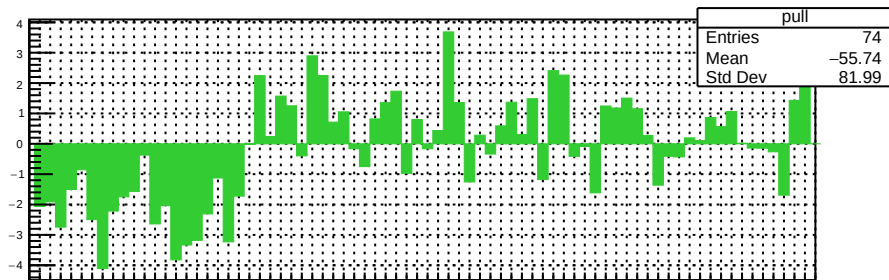
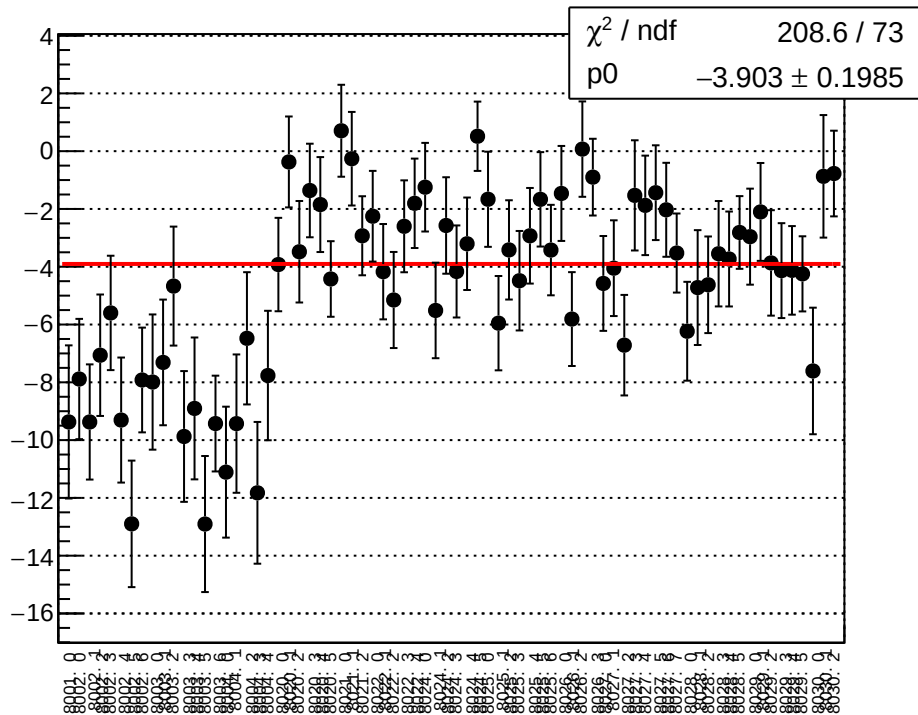
reg\_asym\_bcm\_an\_ds\_diff\_bpm1X\_slope vs run



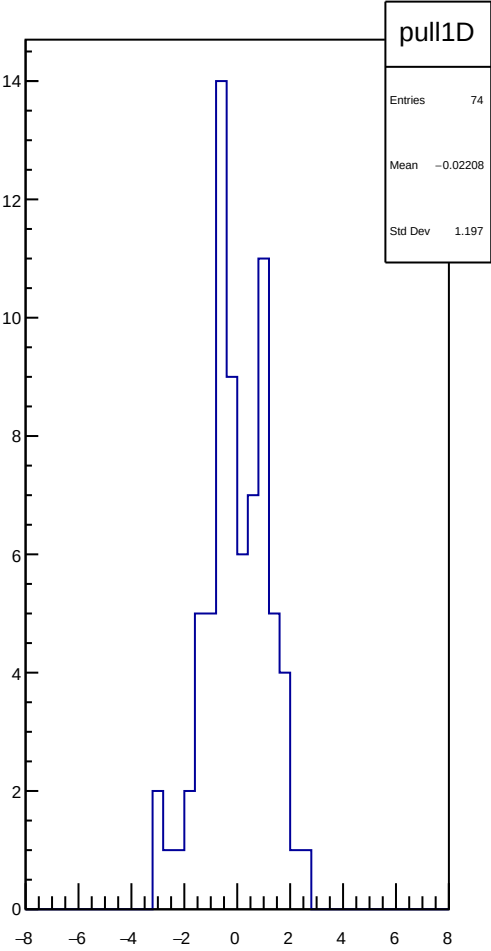
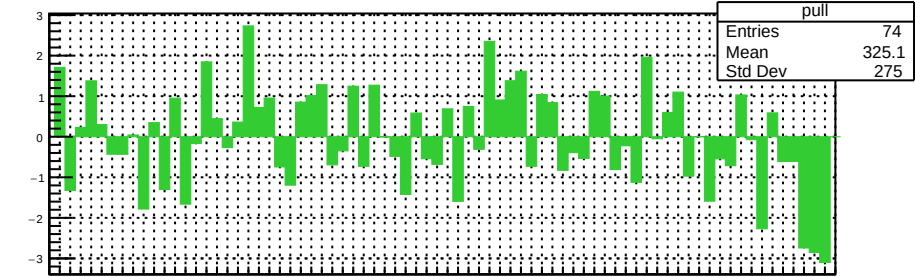
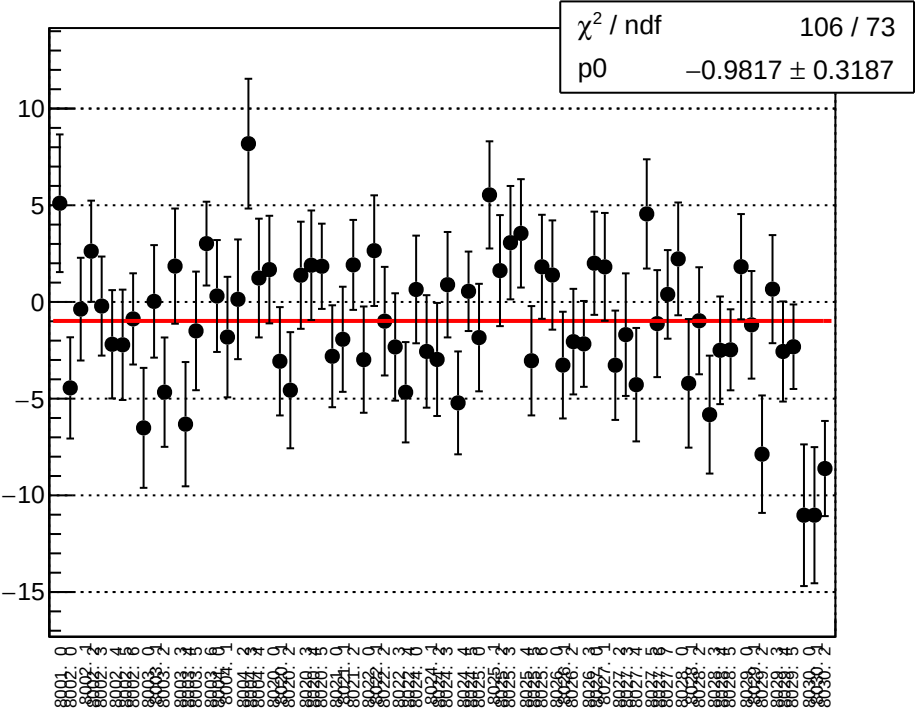
reg\_asym\_bcm\_an\_ds\_diff\_bpm4aY\_slope vs run



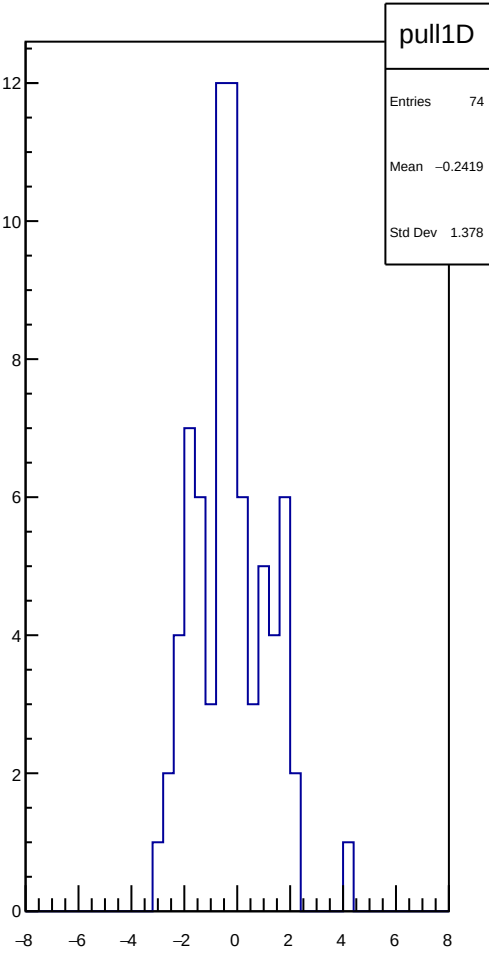
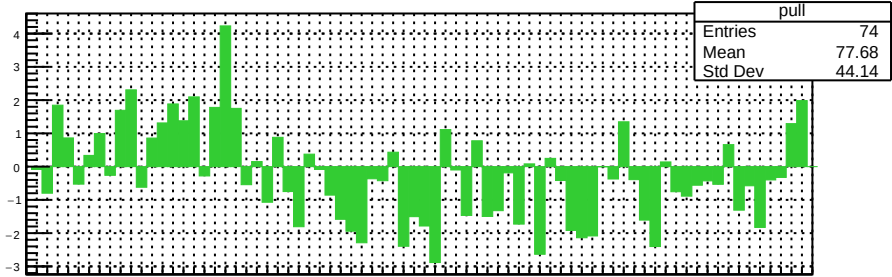
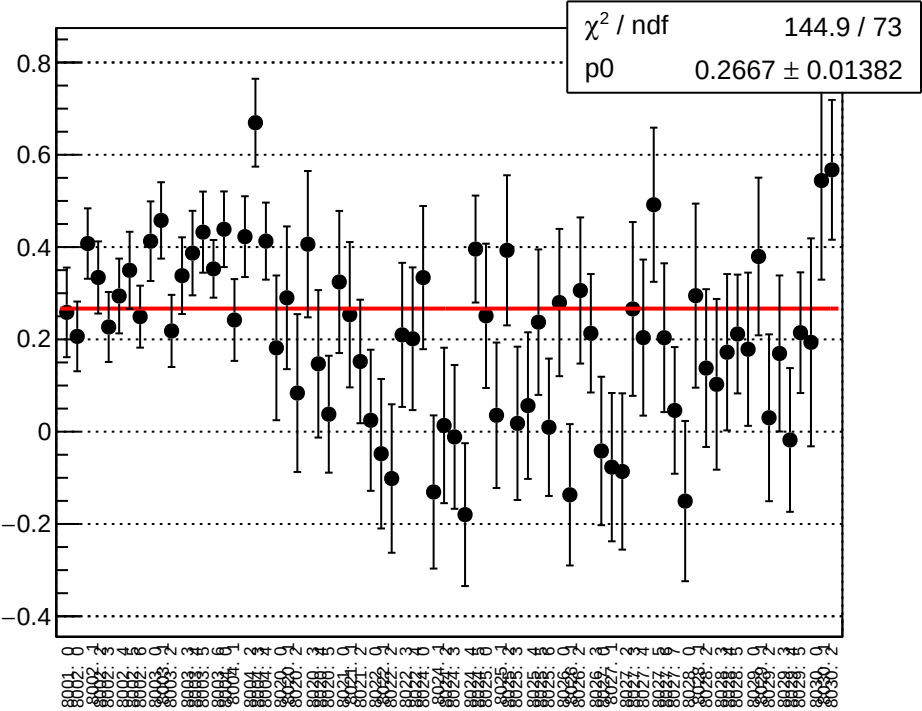
reg\_asym\_bcm\_an\_ds\_diff\_bpm4eX\_slope vs run



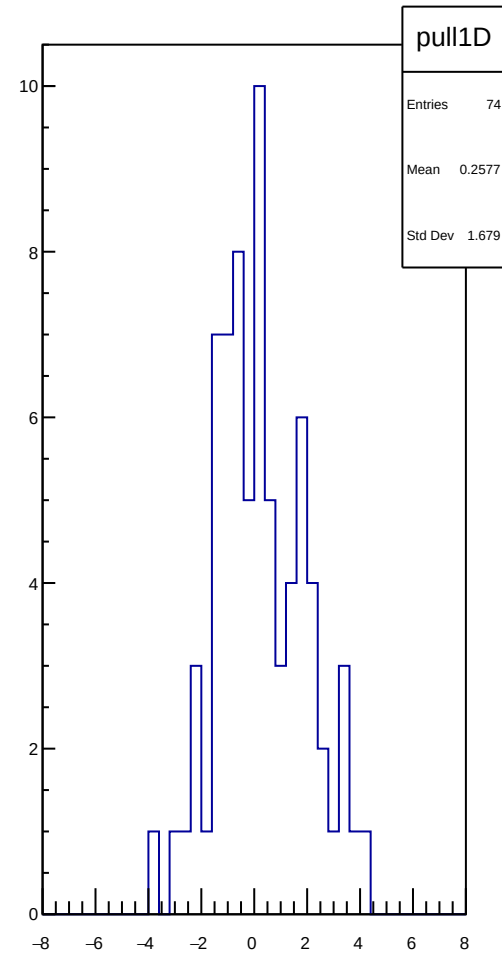
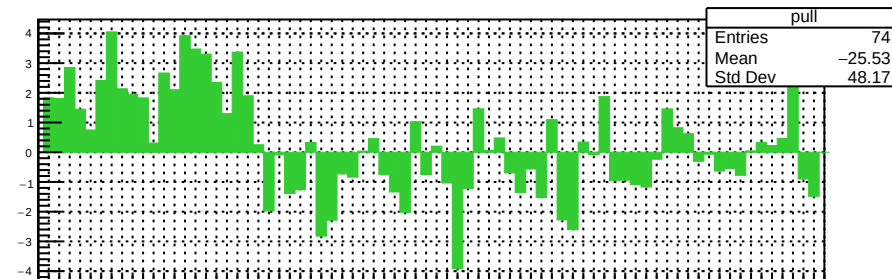
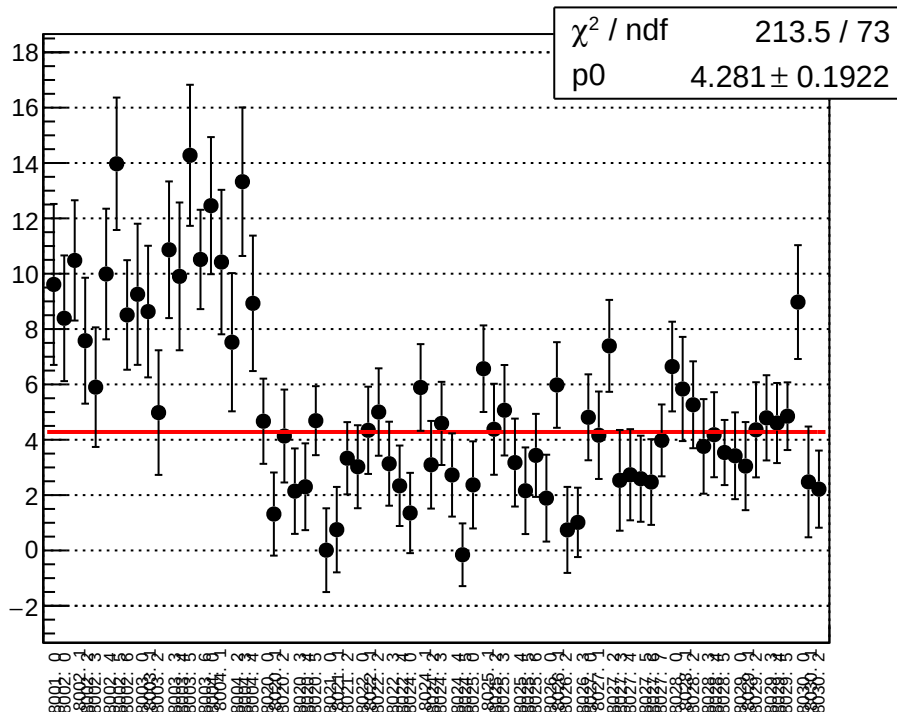
reg\_asym\_bcm\_an\_ds\_diff\_bpm4eY\_slope vs run



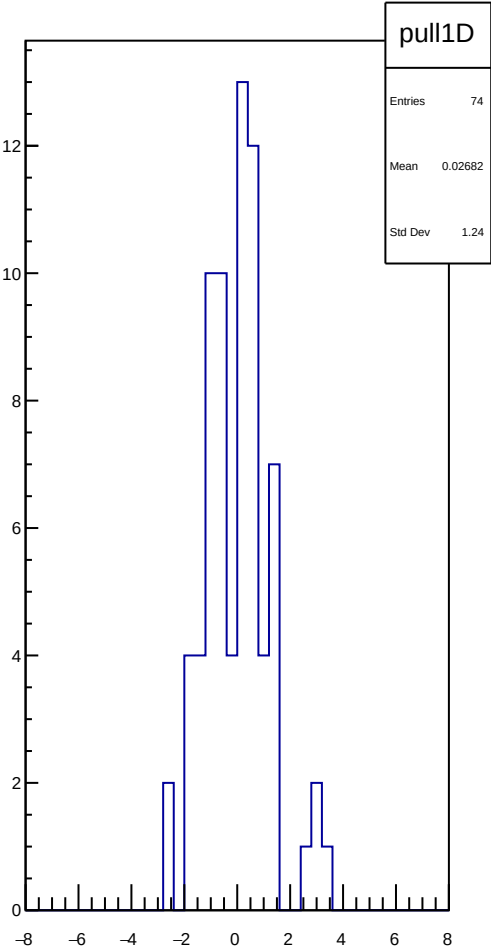
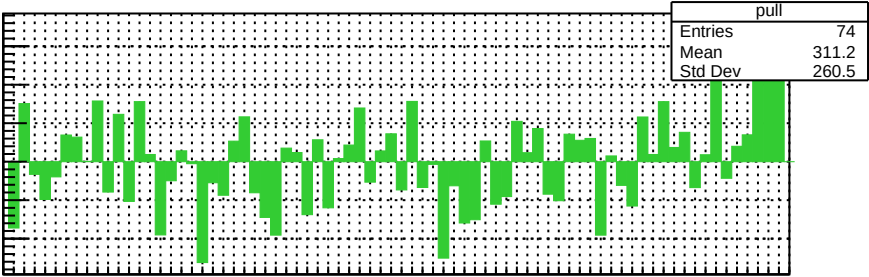
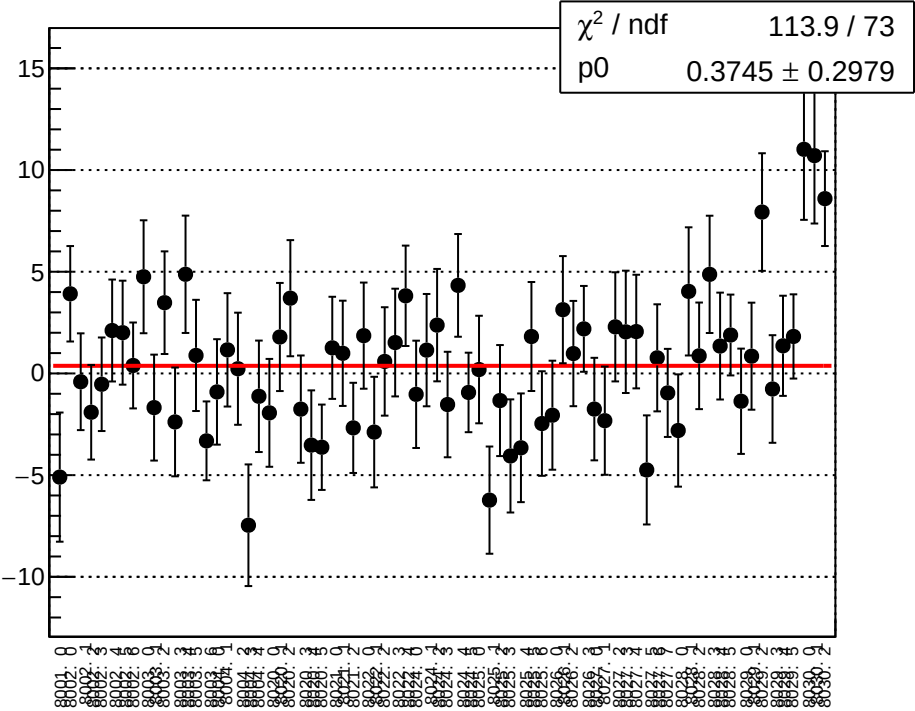
reg\_asym\_bcm\_an\_ds\_diff\_bpm12X\_slope vs run



reg\_asym\_bcm\_an\_us\_diff\_bpm1X\_slope vs run

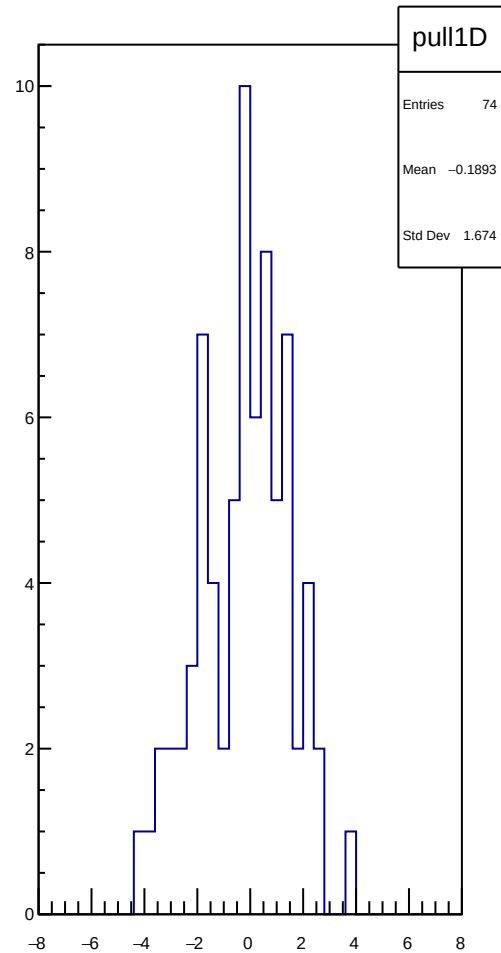
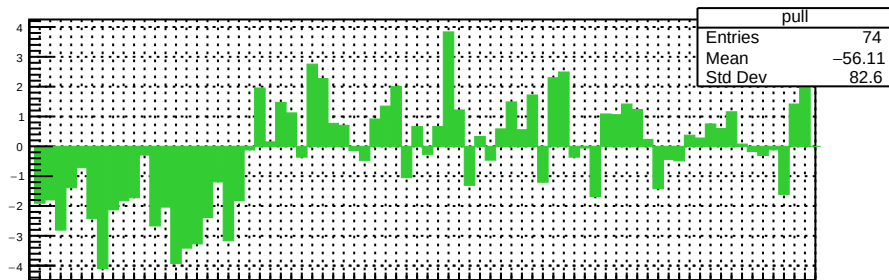
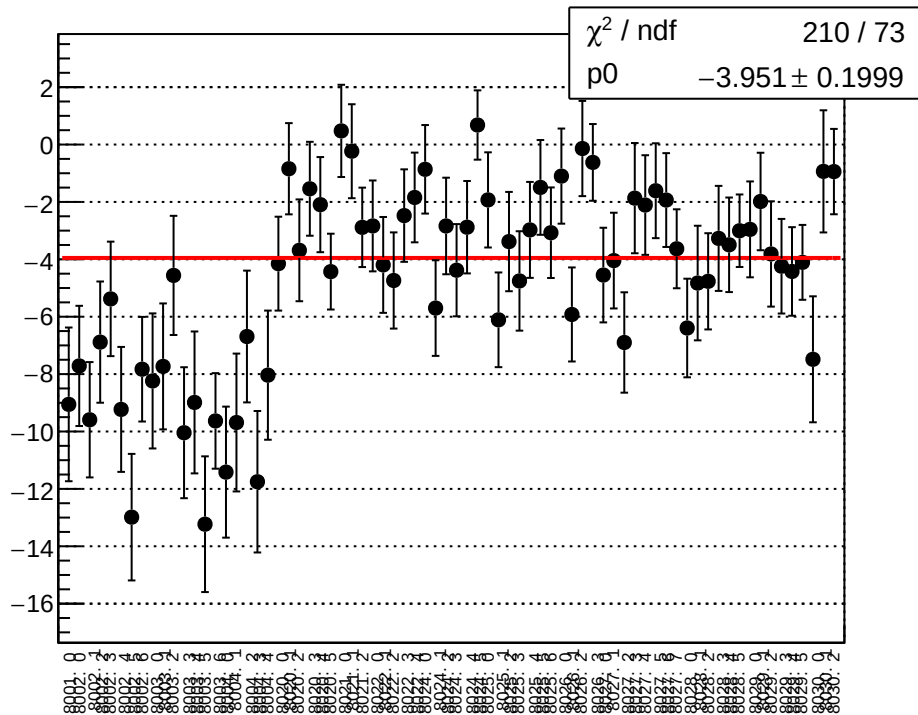


reg\_asym\_bcm\_an\_us\_diff\_bpm4aY\_slope vs run

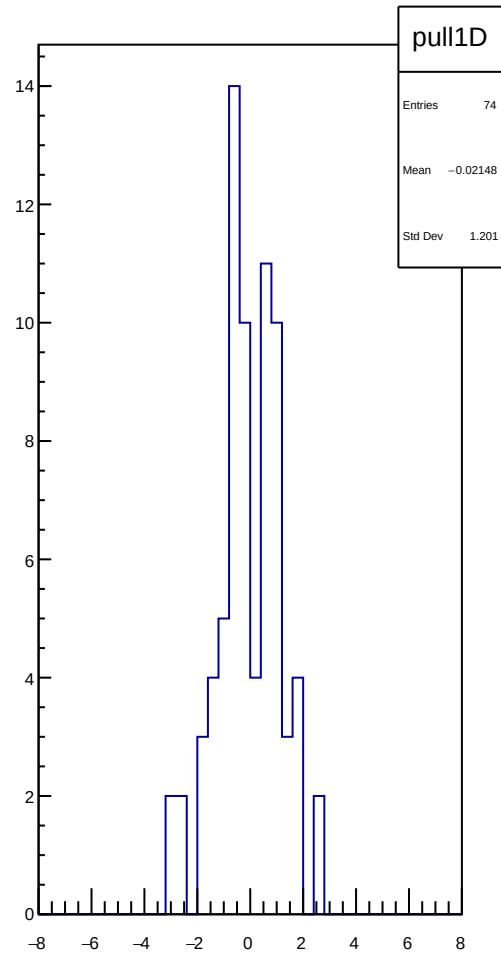
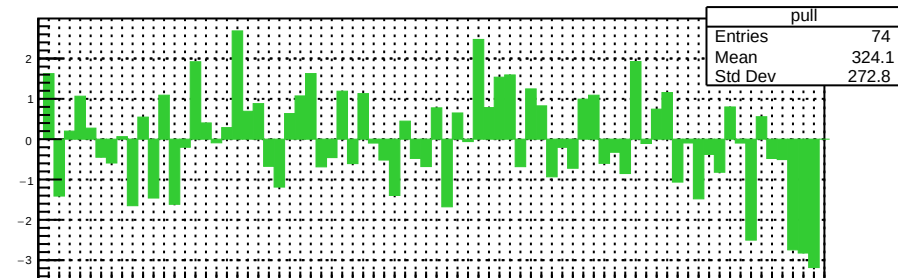
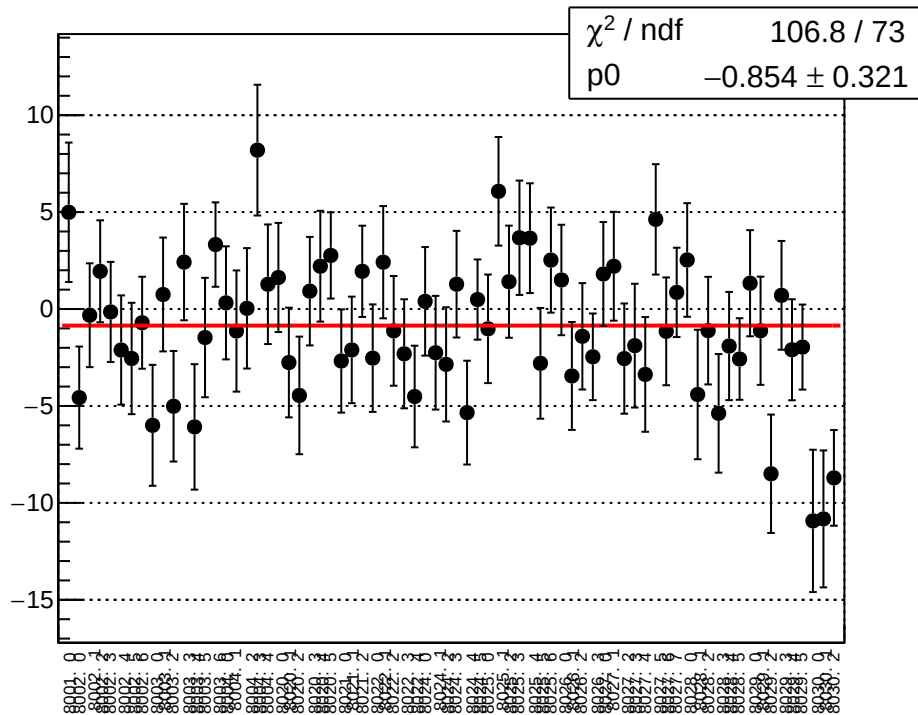




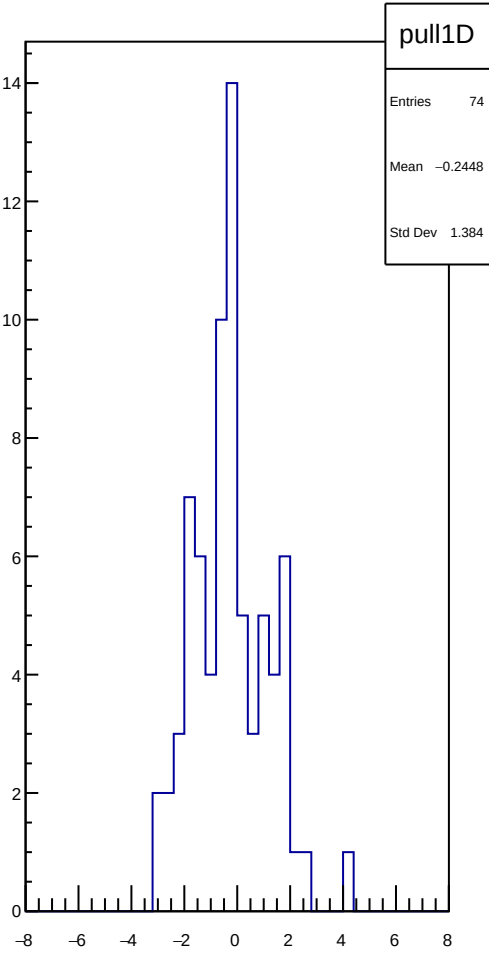
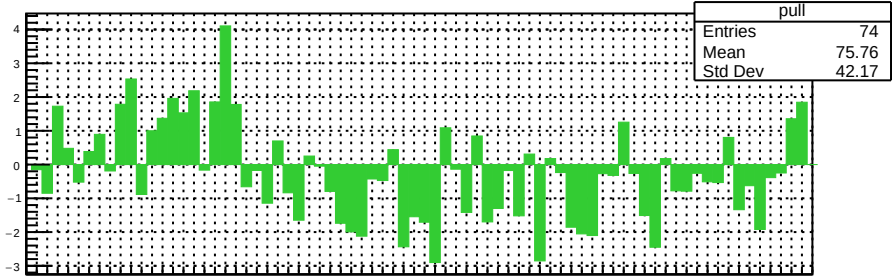
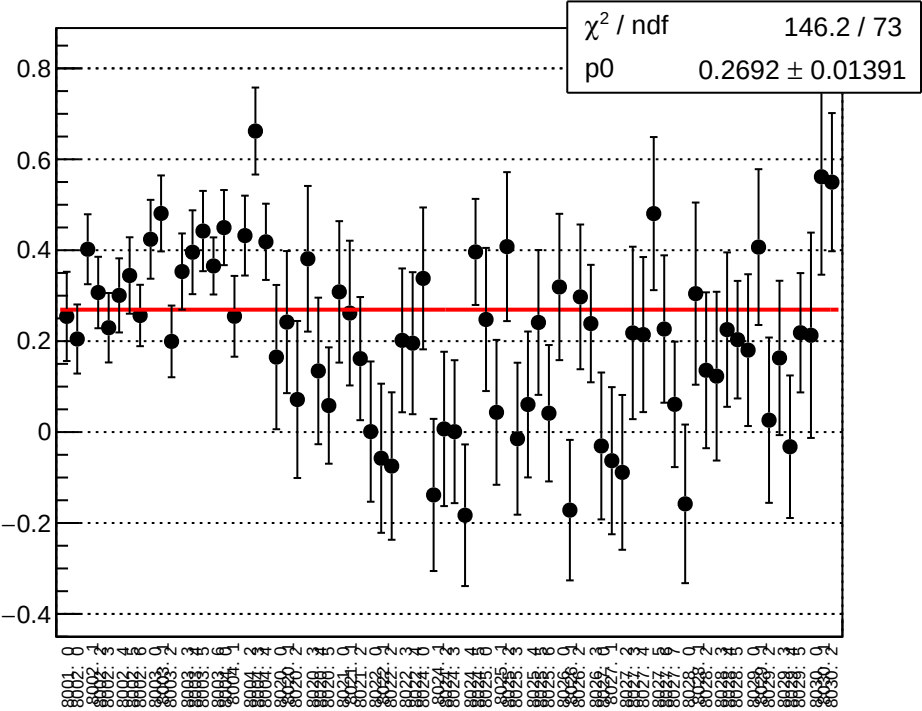
reg\_asym\_bcm\_an\_us\_diff\_bpm4eX\_slope vs run



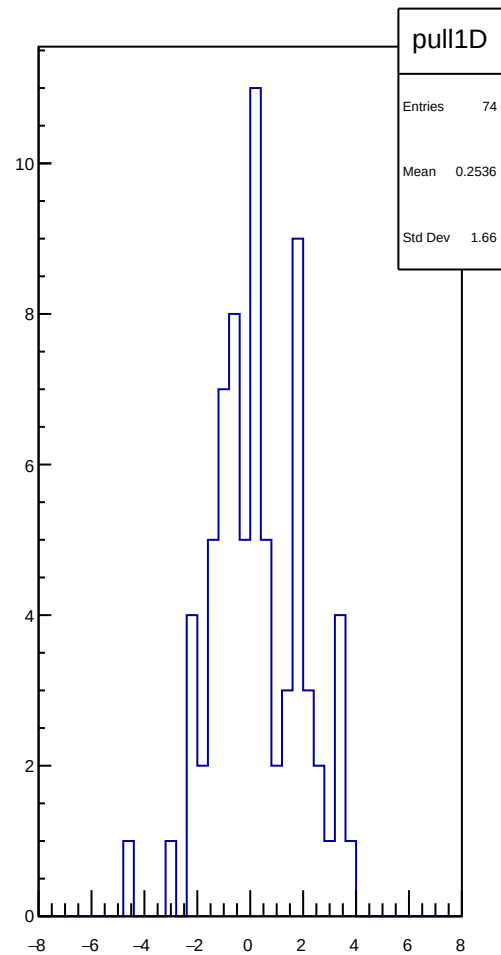
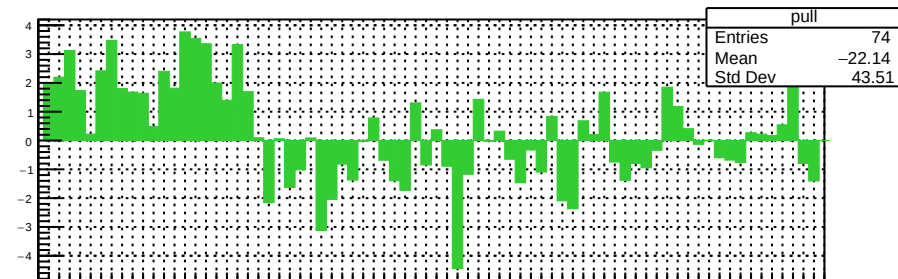
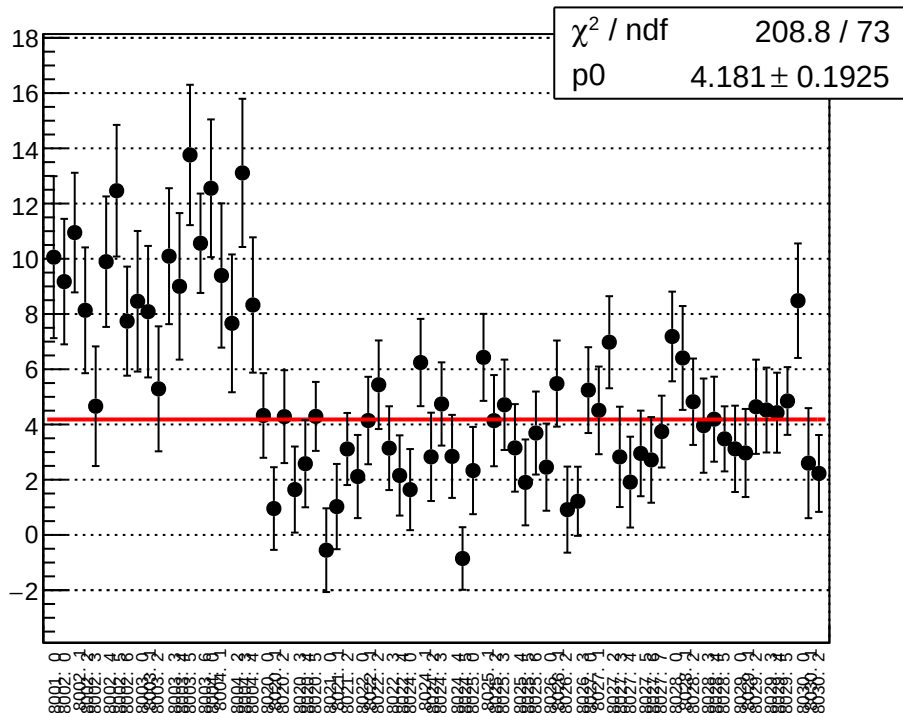
reg\_asym\_bcm\_an\_us\_diff\_bpm4eY\_slope vs run



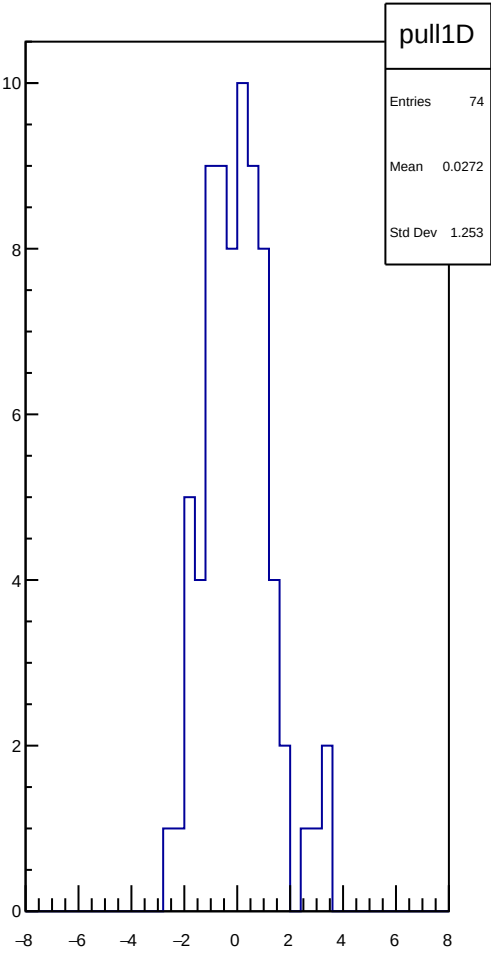
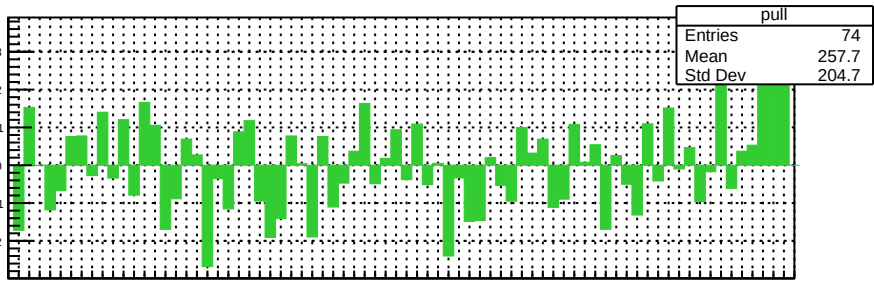
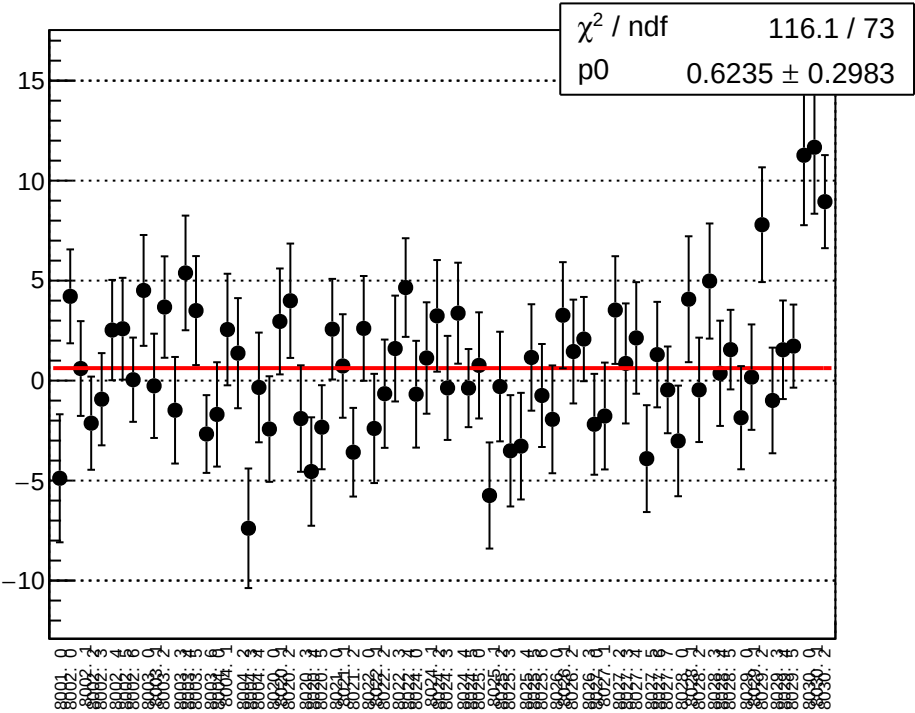
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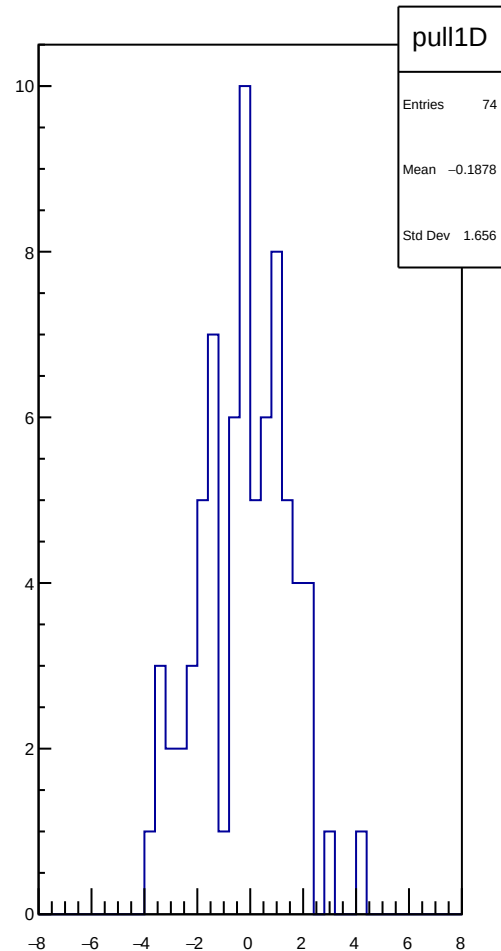
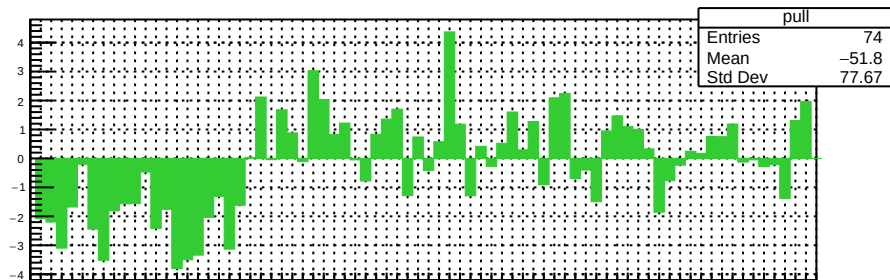
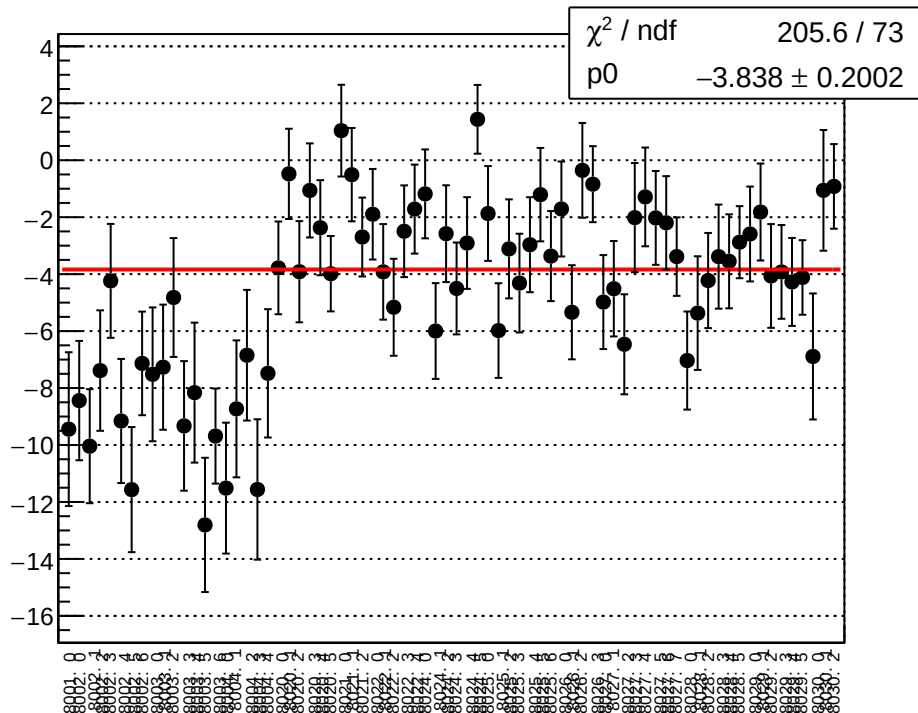
reg\_asym\_bcm\_dg\_ds\_diff\_bpm1X\_slope vs run



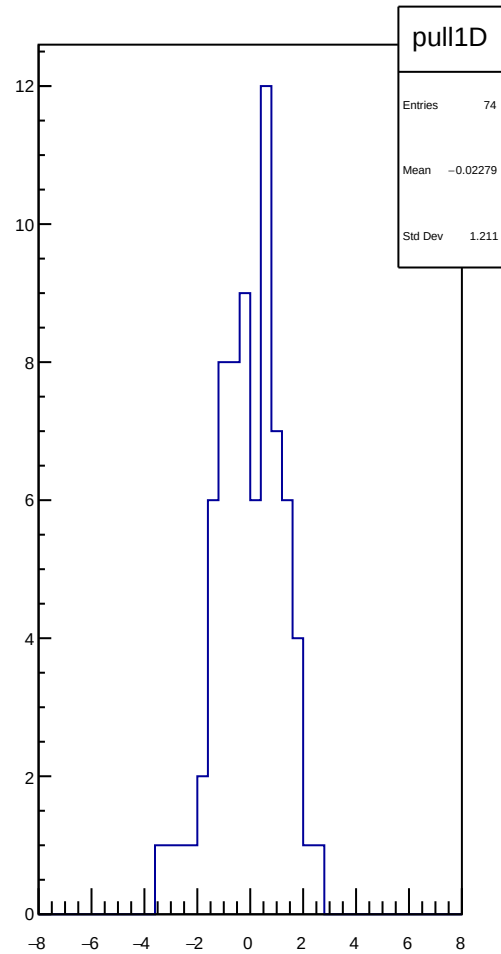
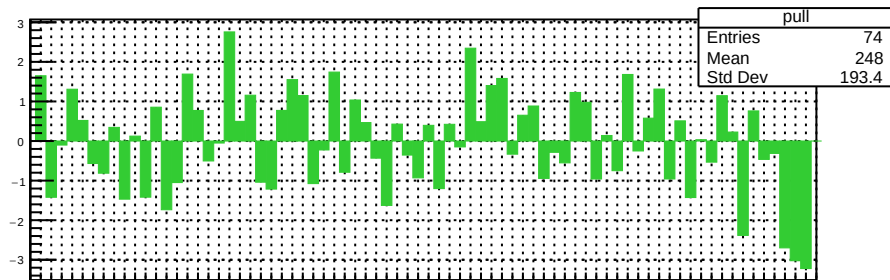
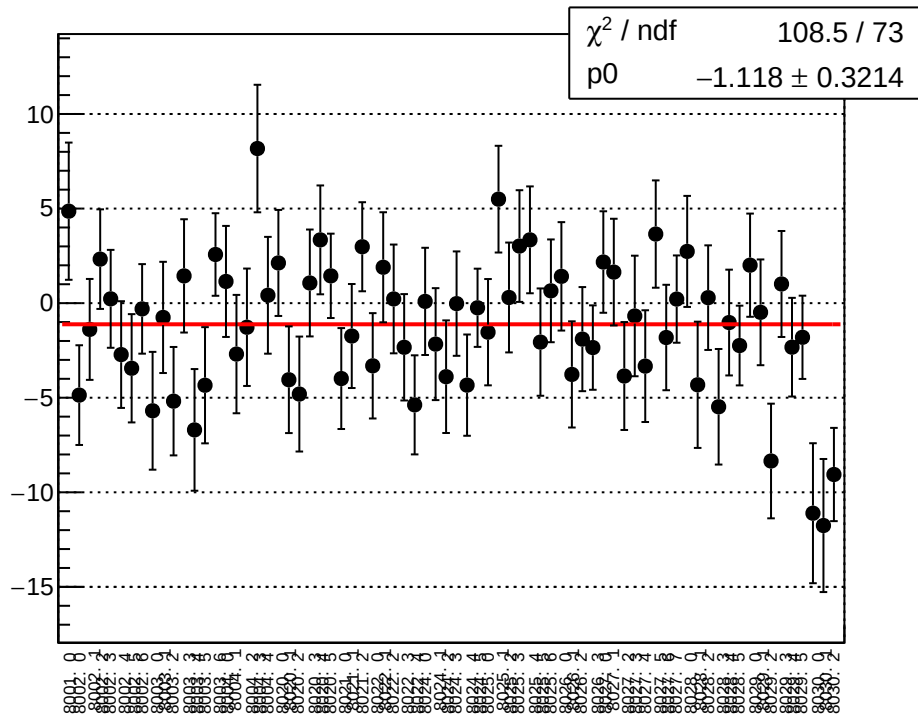
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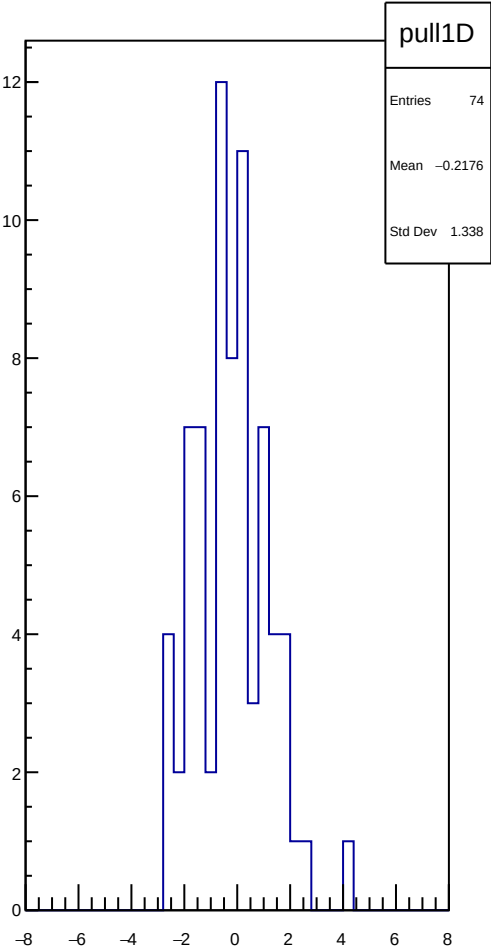
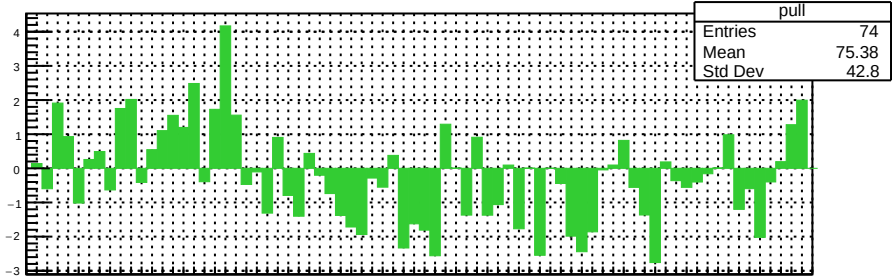
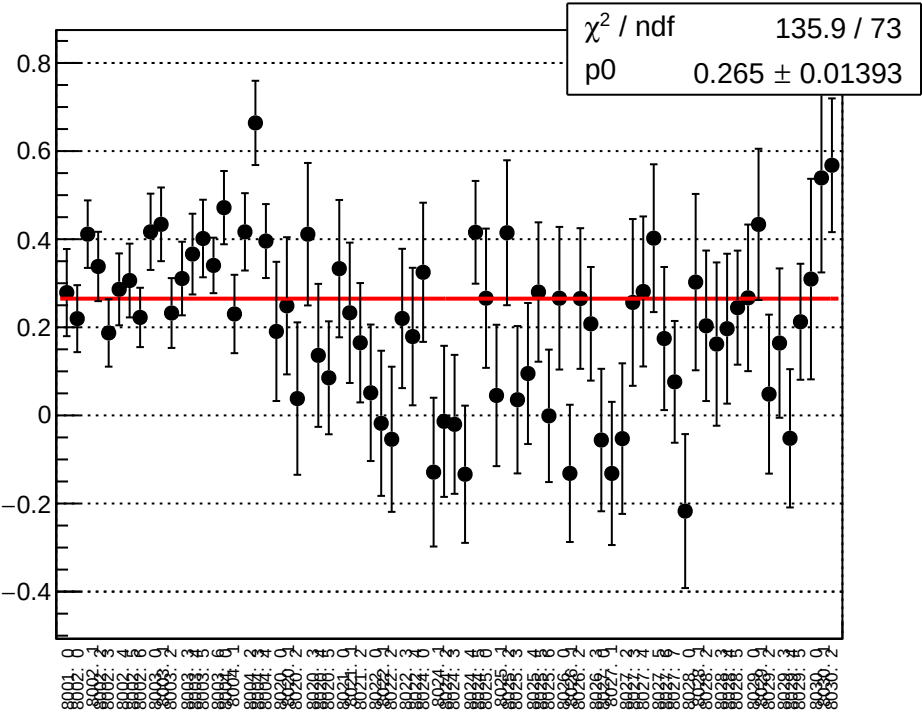
reg\_asym\_bcm\_dg\_ds\_diff\_bpm4eX\_slope vs run



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

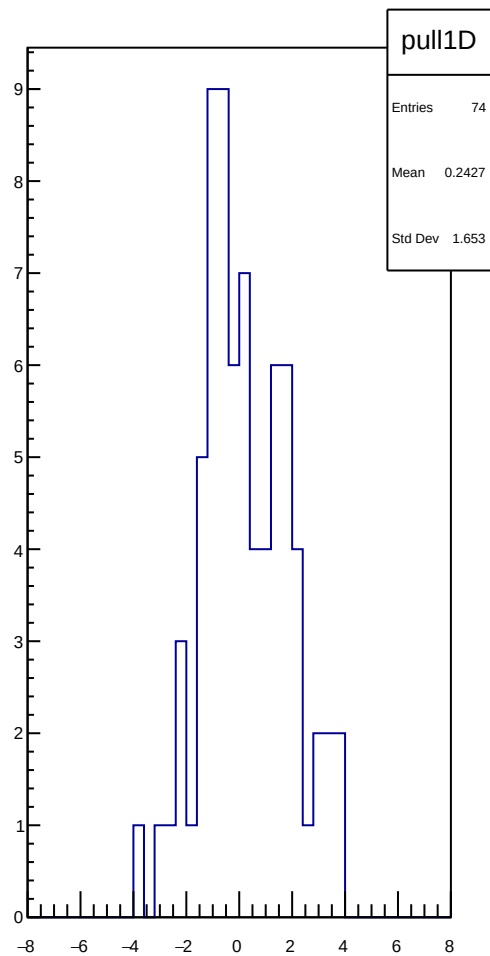
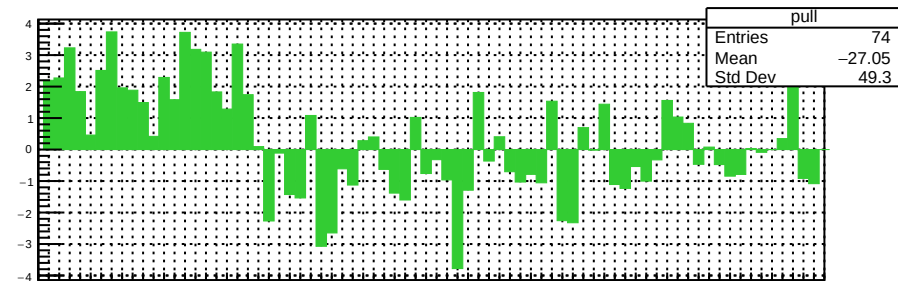
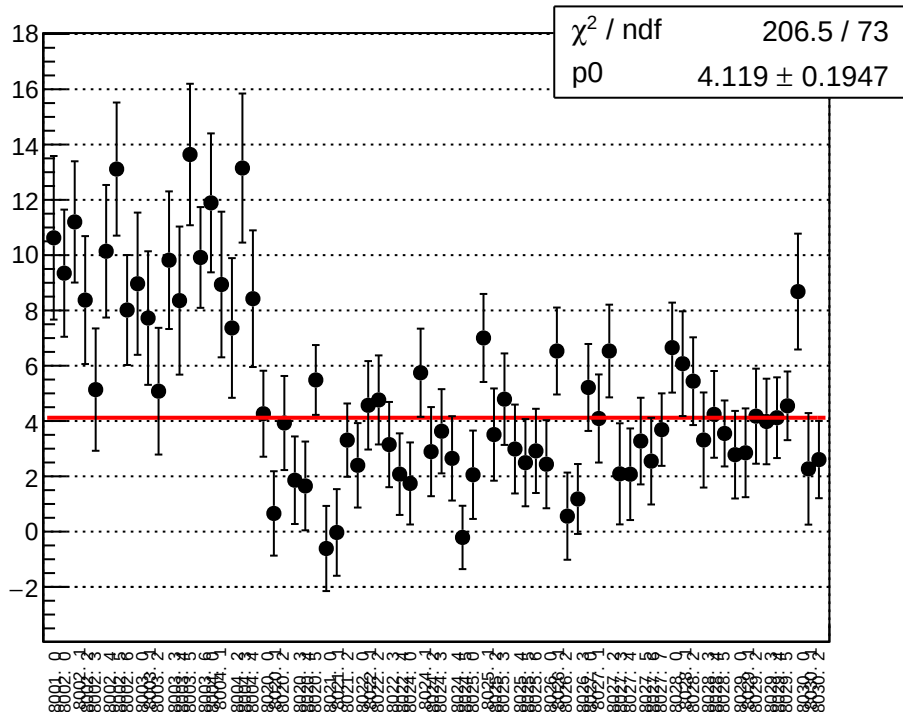


reg\_asym\_bcm\_dg\_ds\_diff\_bpm12X\_slope vs run

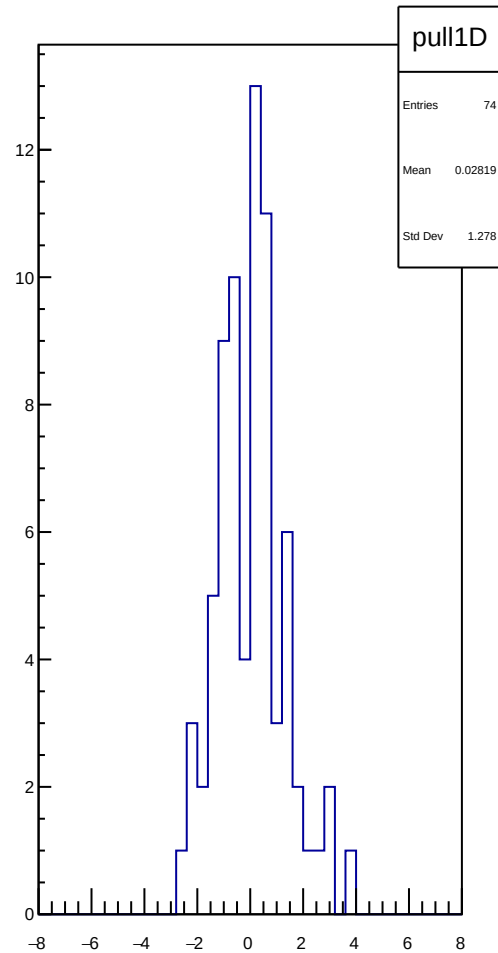
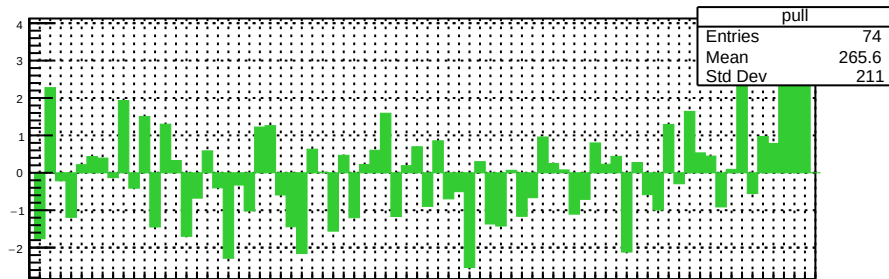
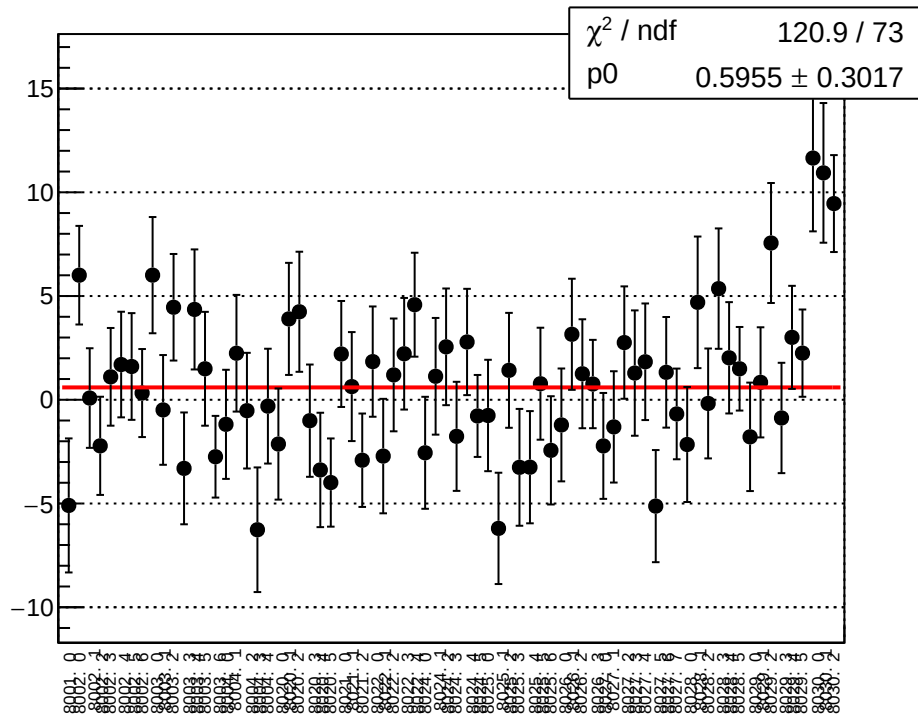




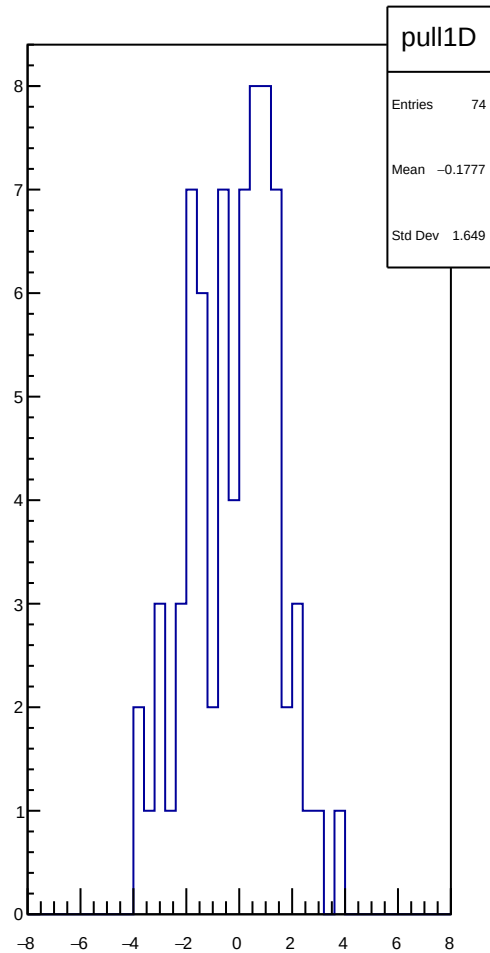
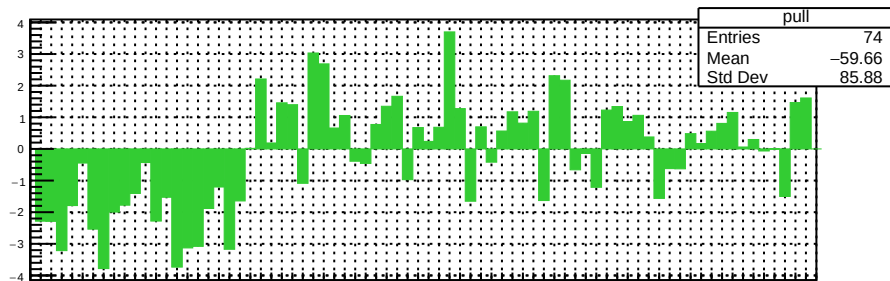
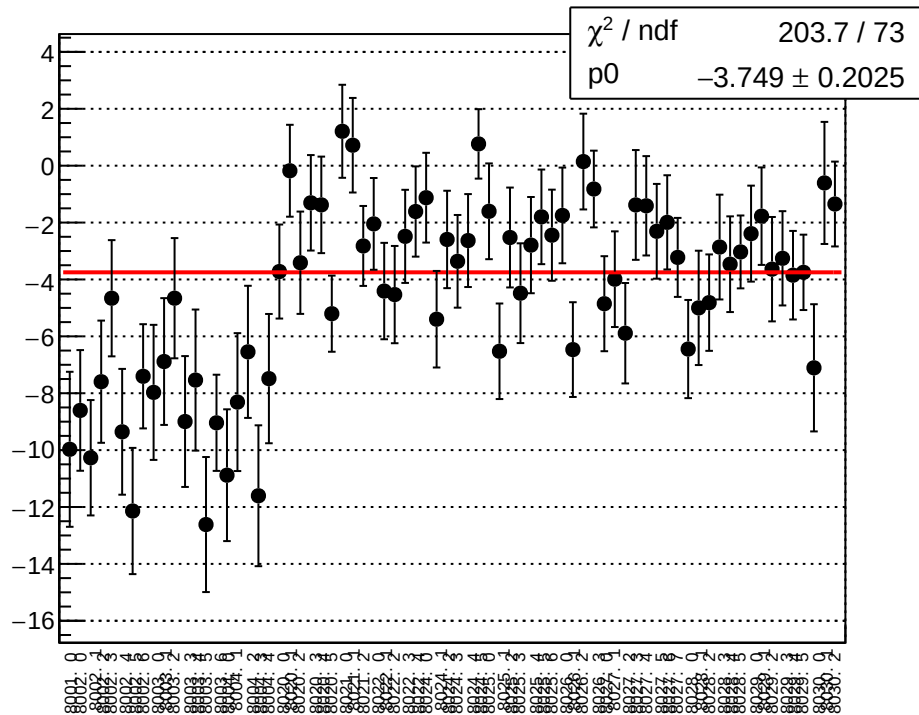
reg\_asym\_bcm\_dg\_us\_diff\_bpm1X\_slope vs run



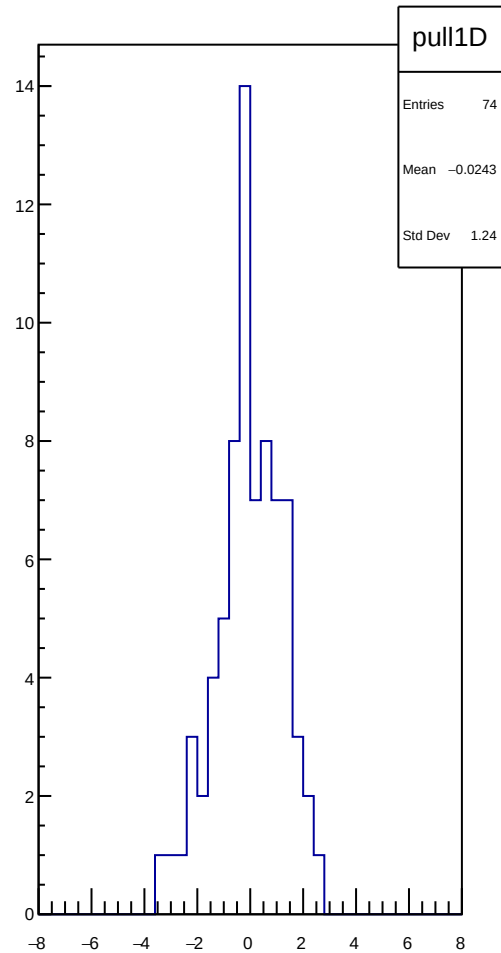
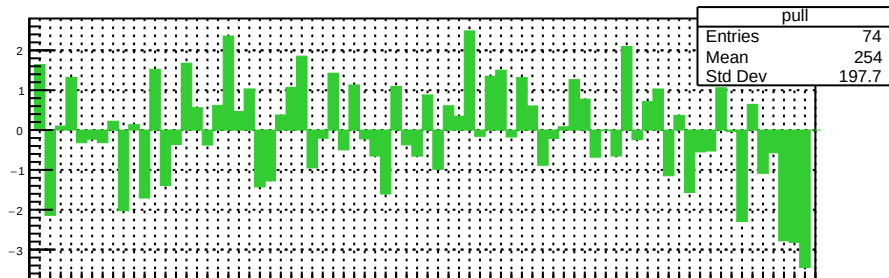
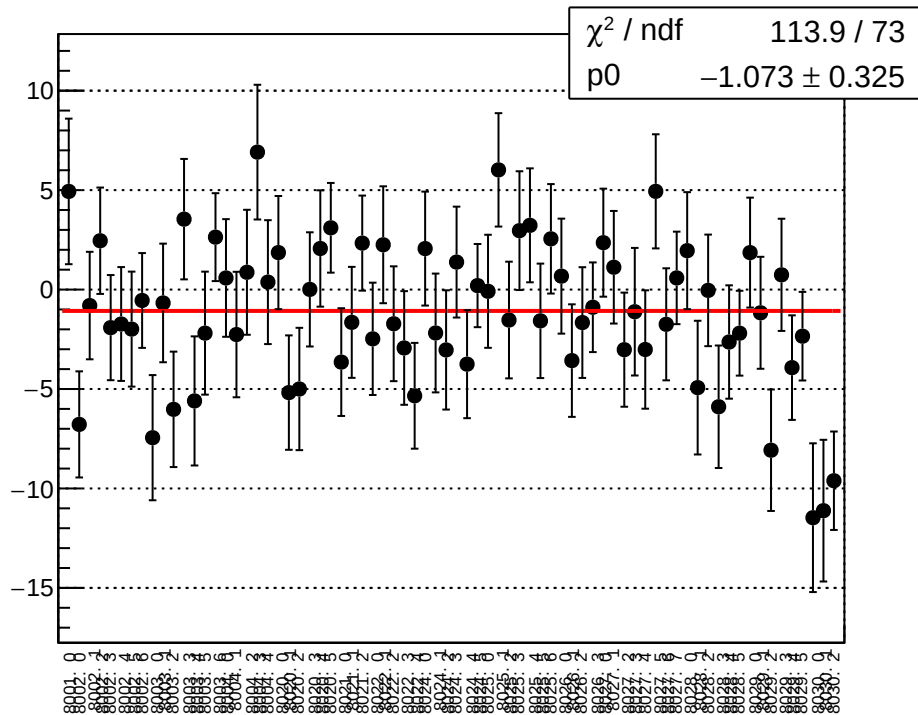
reg\_asym\_bcm\_dg\_us\_diff\_bpm4aY\_slope vs run



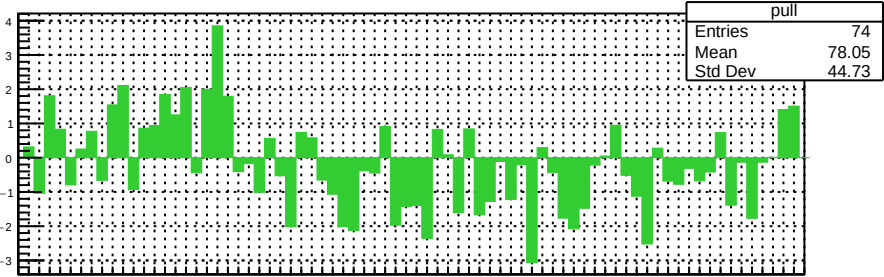
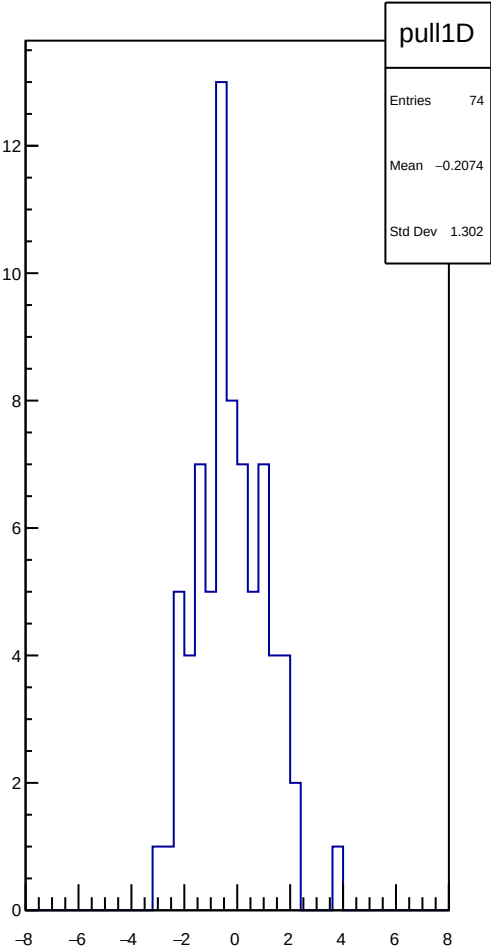
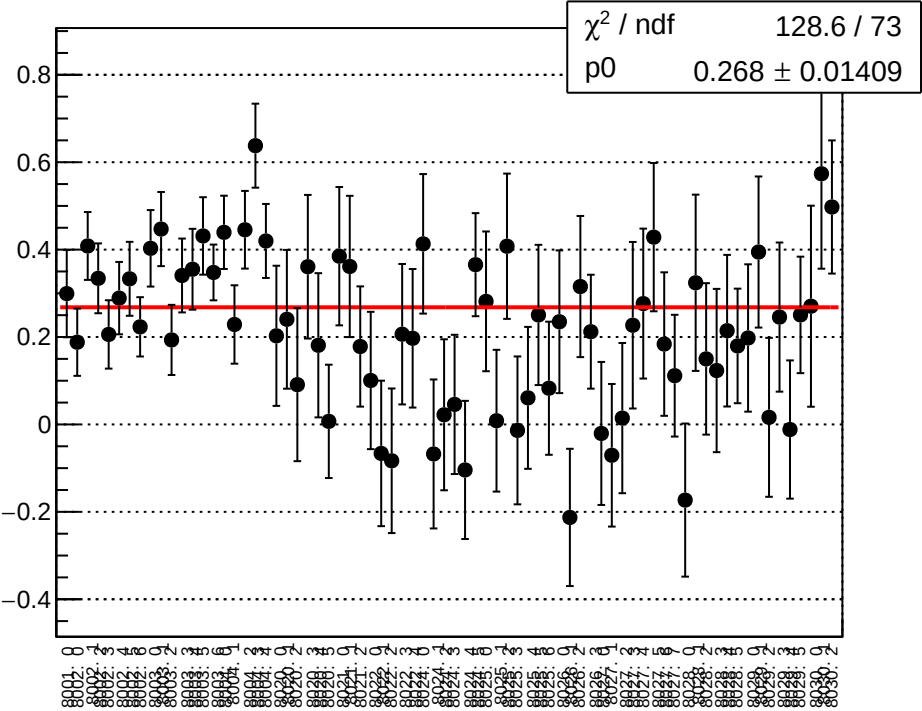
reg\_asym\_bcm\_dg\_us\_diff\_bpm4eX\_slope vs run



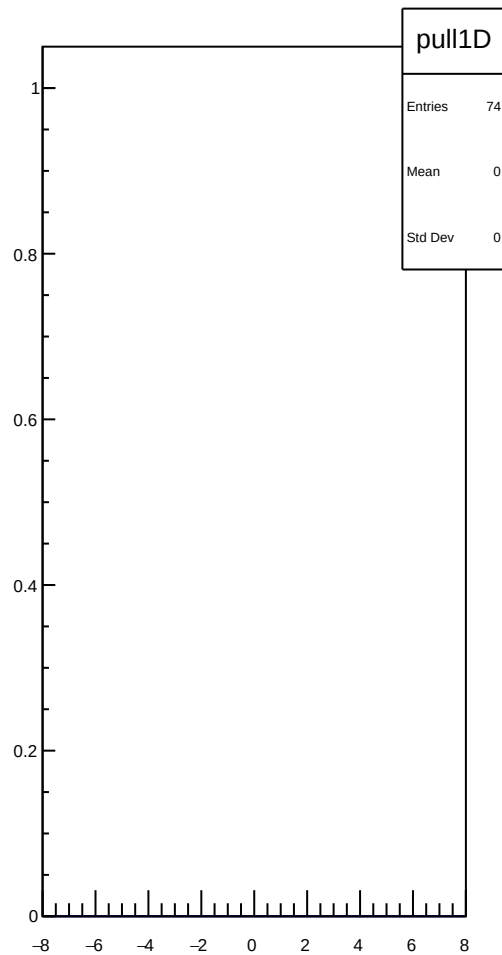
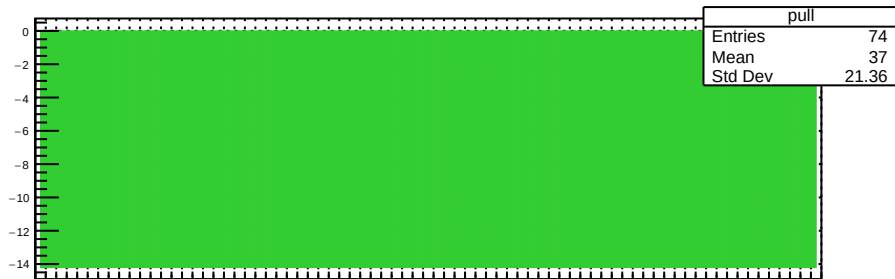
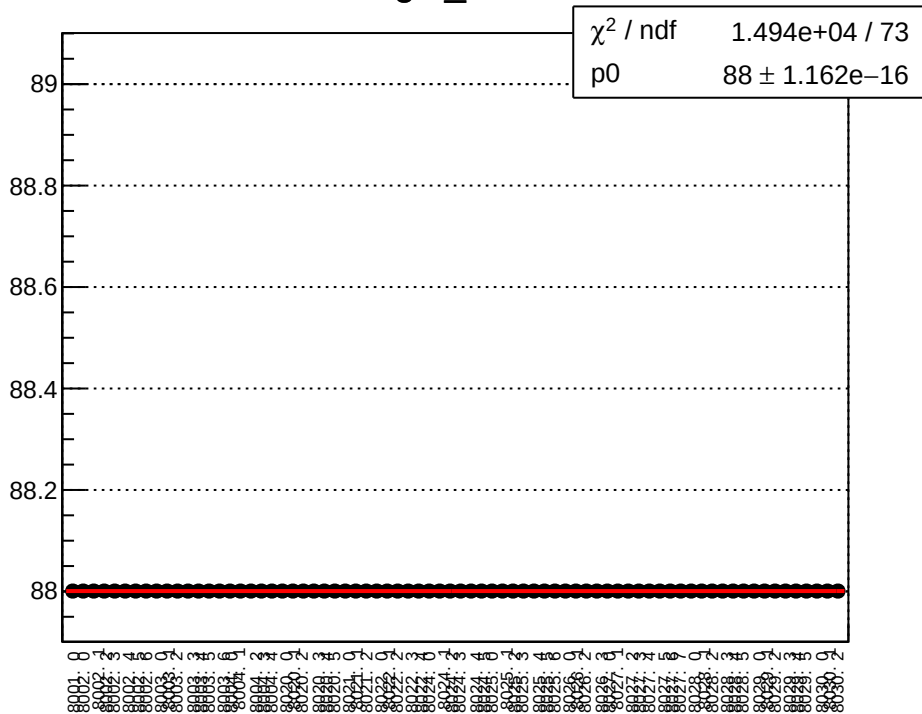
reg\_asym\_bcm\_dg\_us\_diff\_bpm4eY\_slope vs run



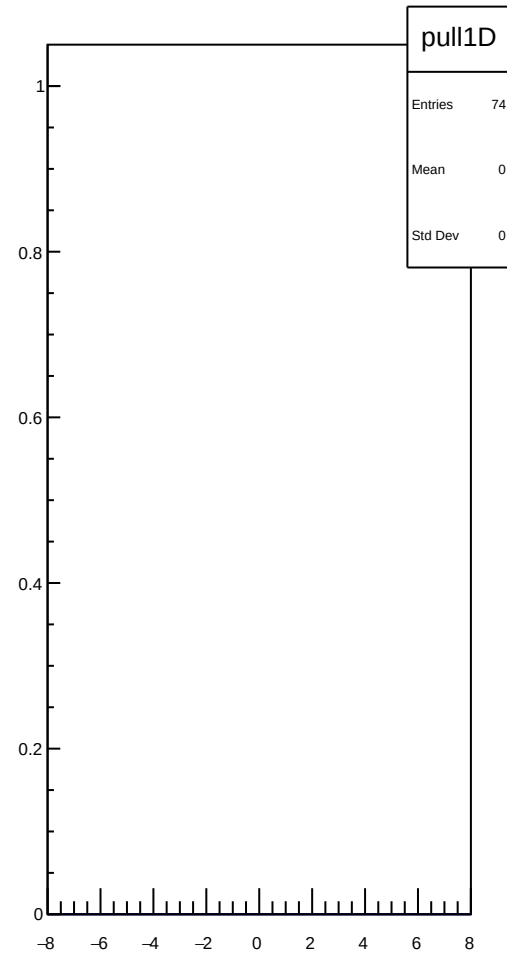
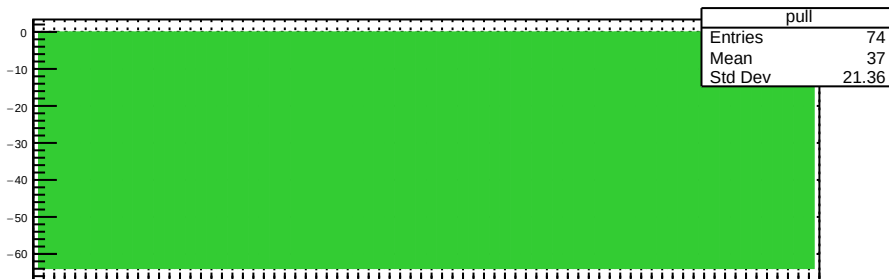
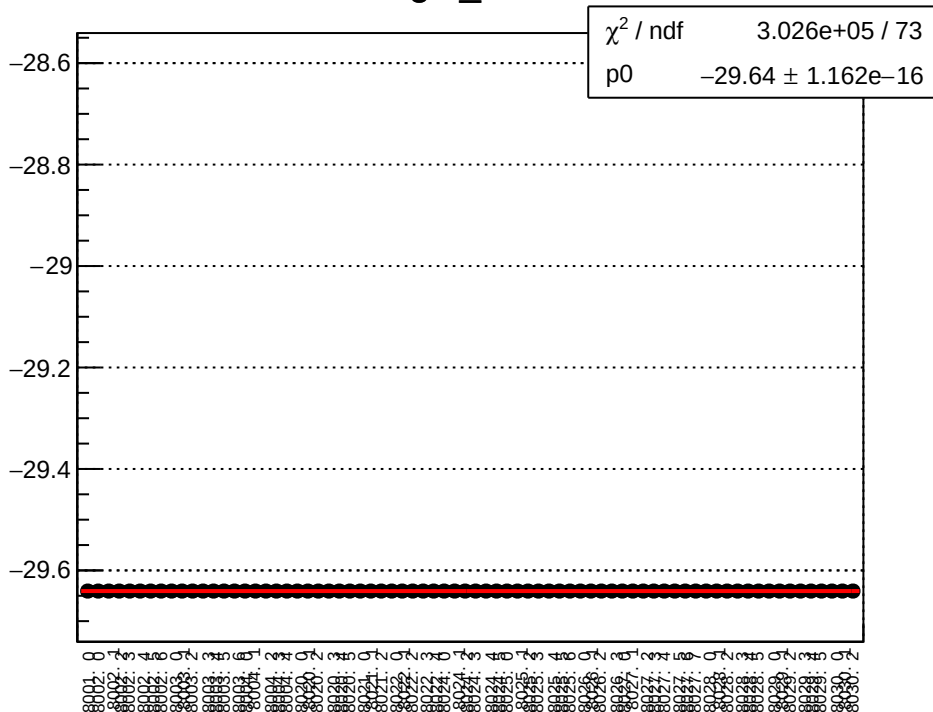
reg\_asym\_bcm\_dg\_us\_diff\_bpm12X\_slope vs run



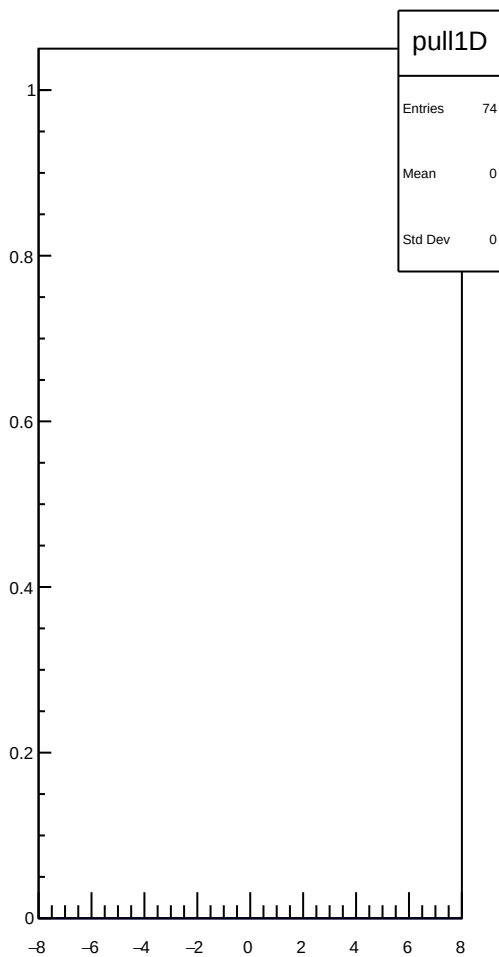
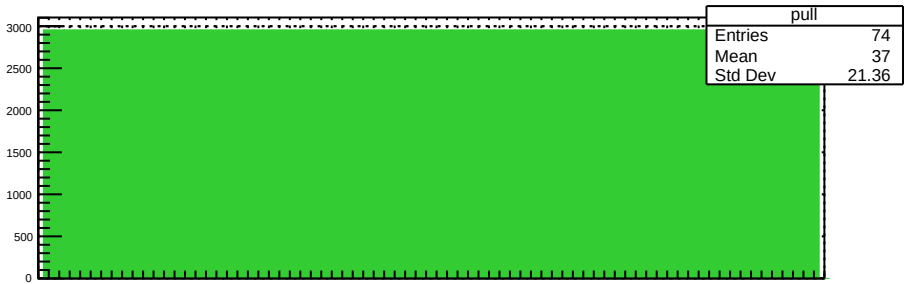
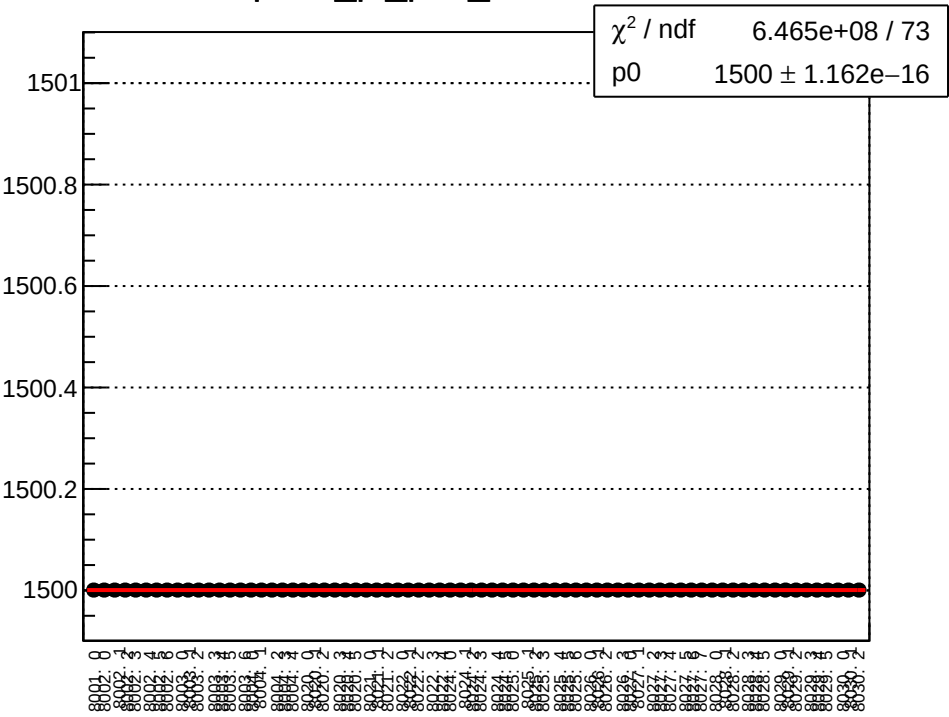
# VWienAngle\_mean vs run



# HWienAngle\_mean vs run

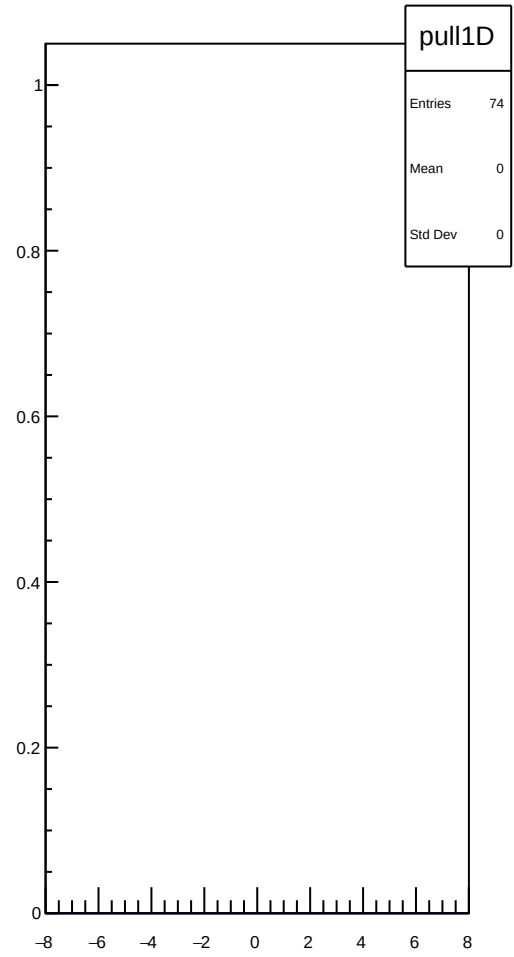
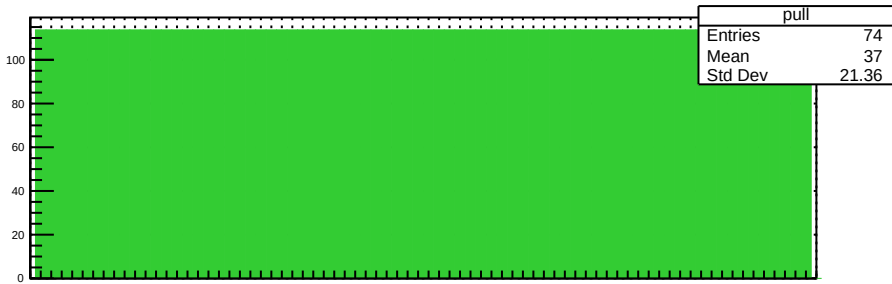
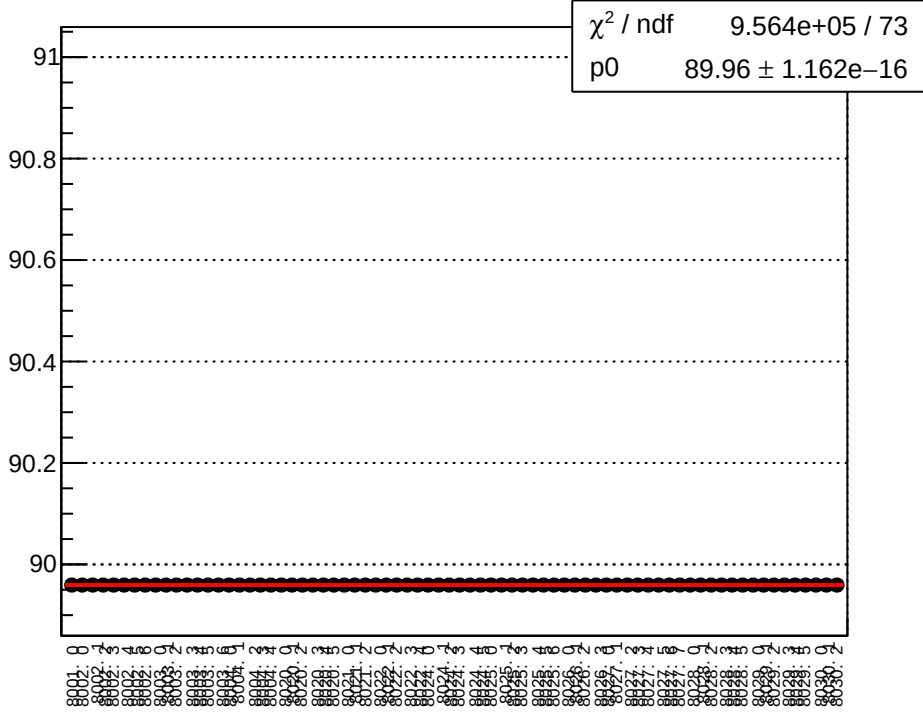


psub\_pl\_pos\_mean vs run

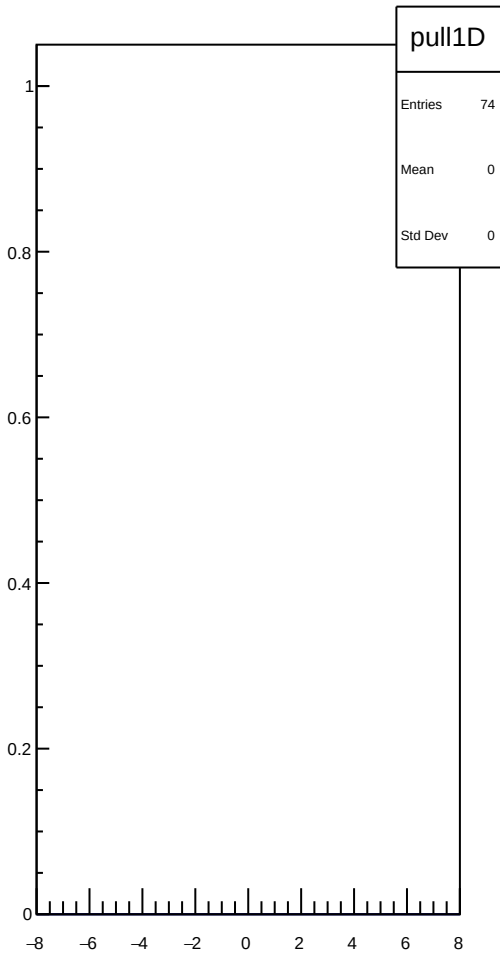
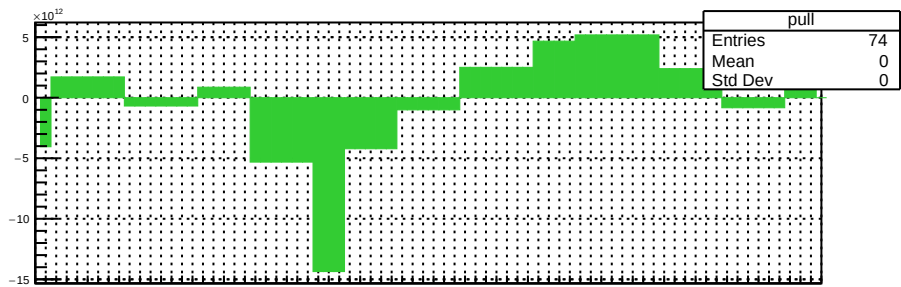
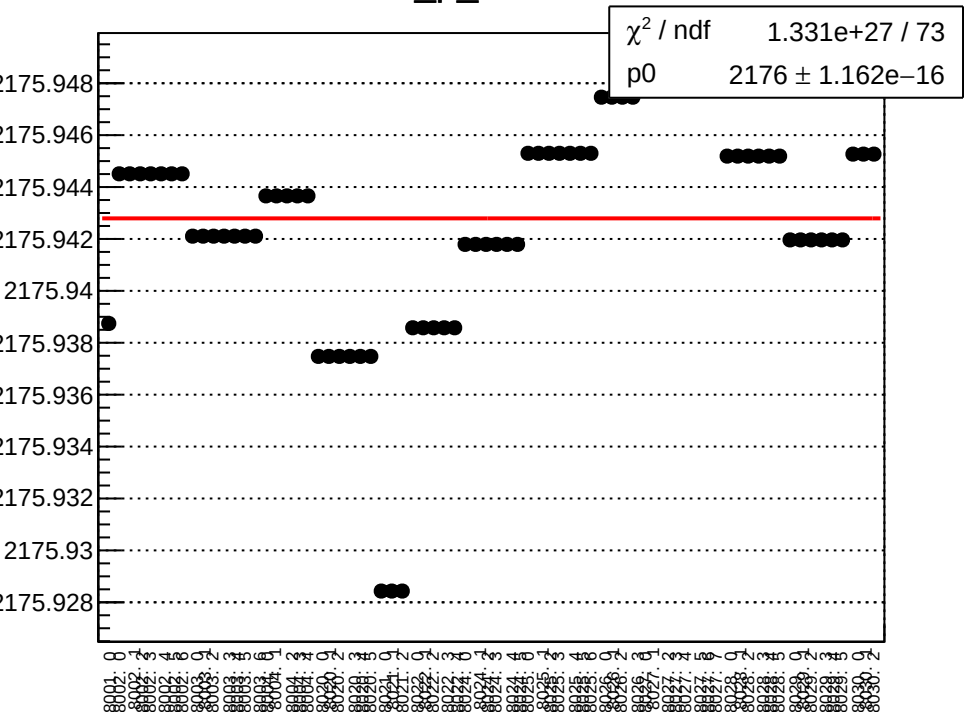




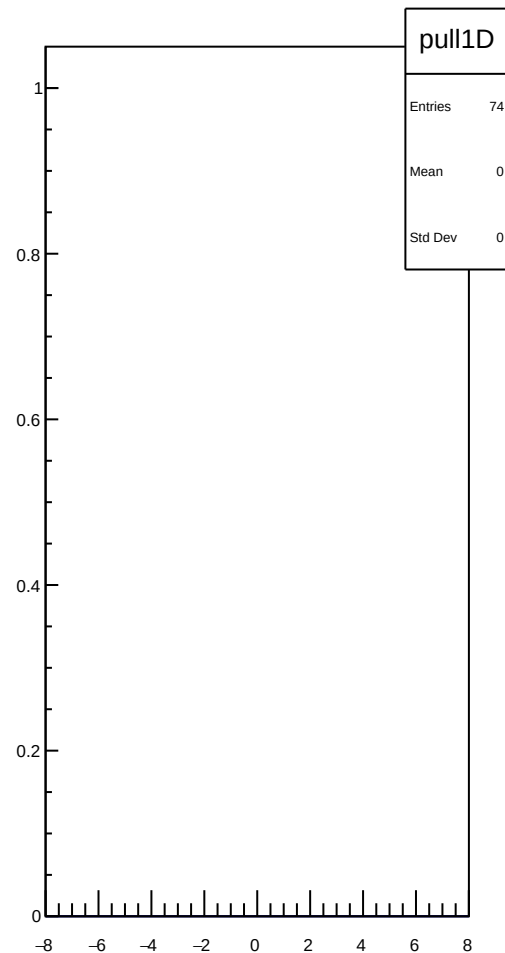
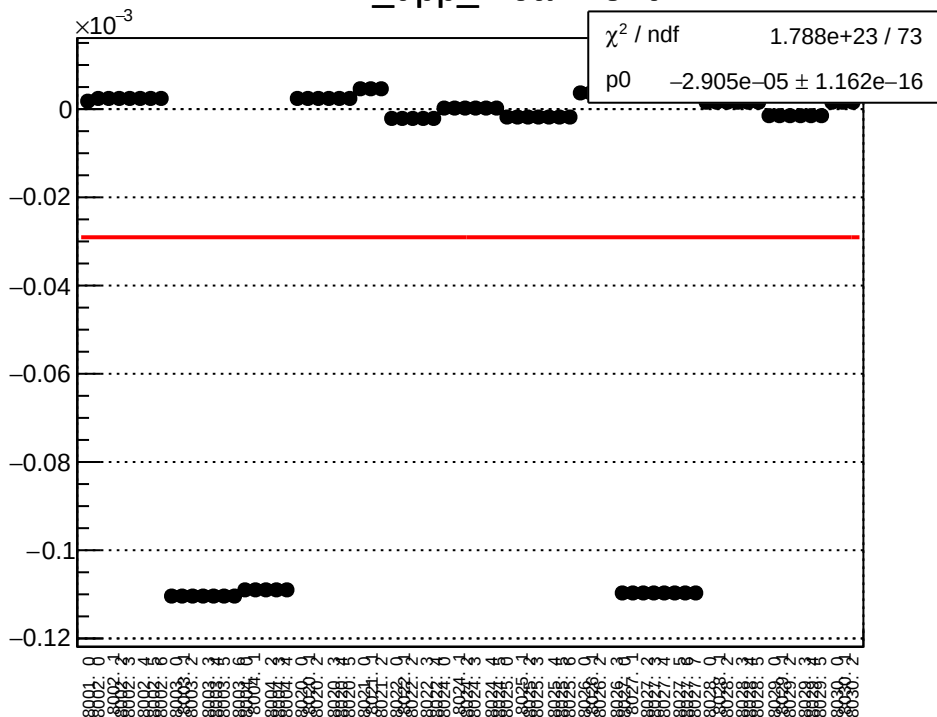
Phi\_FG\_mean vs run



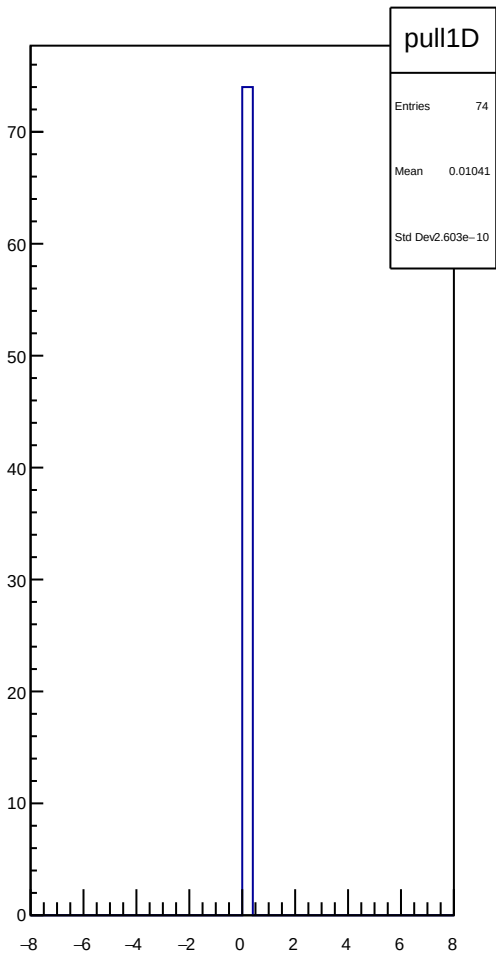
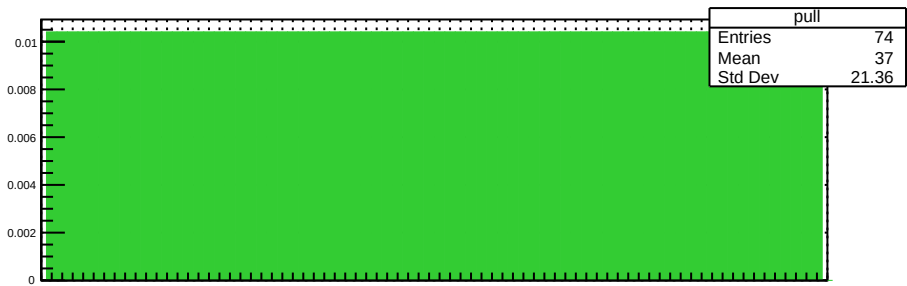
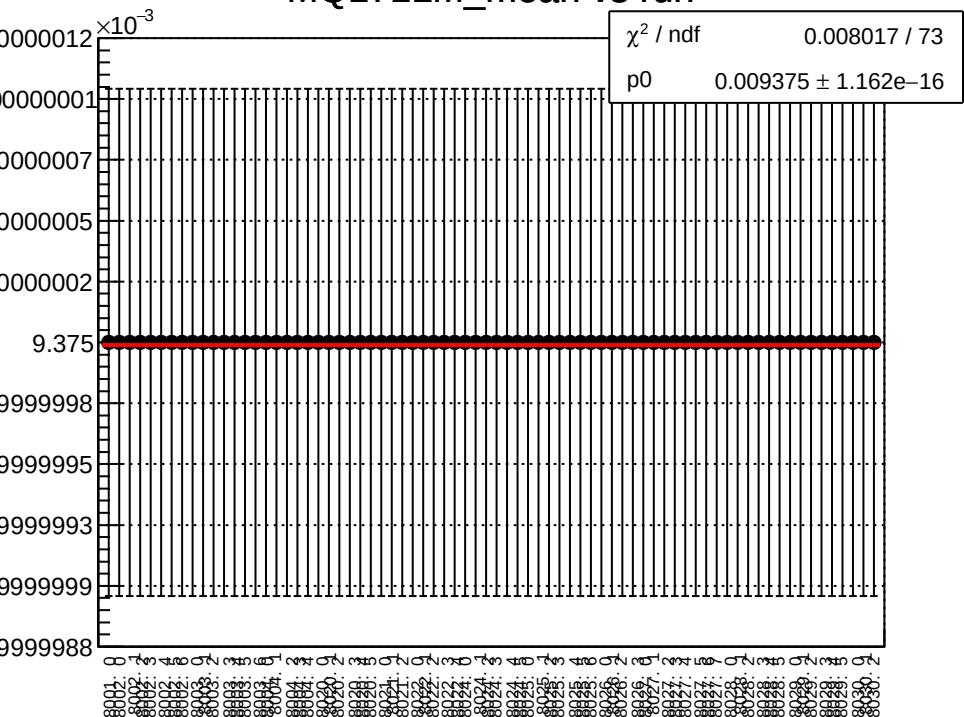
# HALLA\_p\_mean vs run



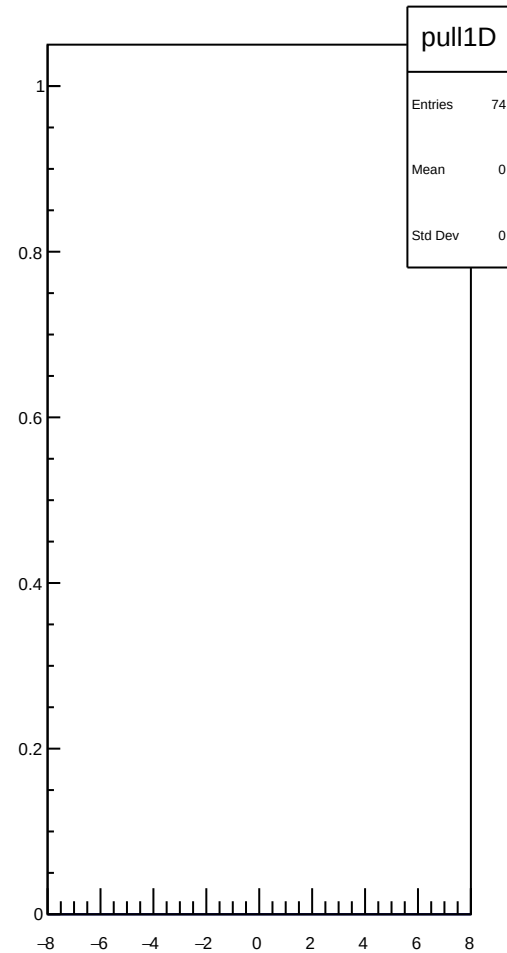
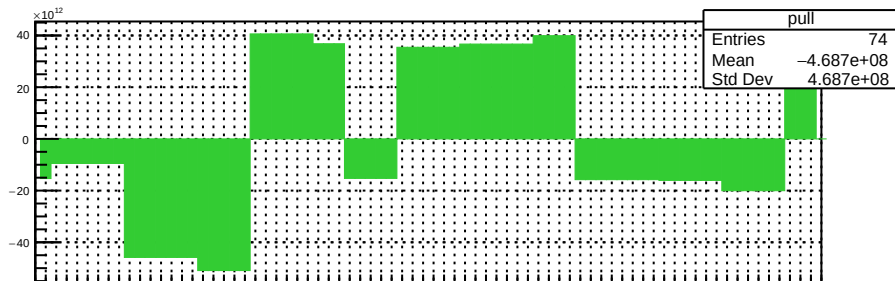
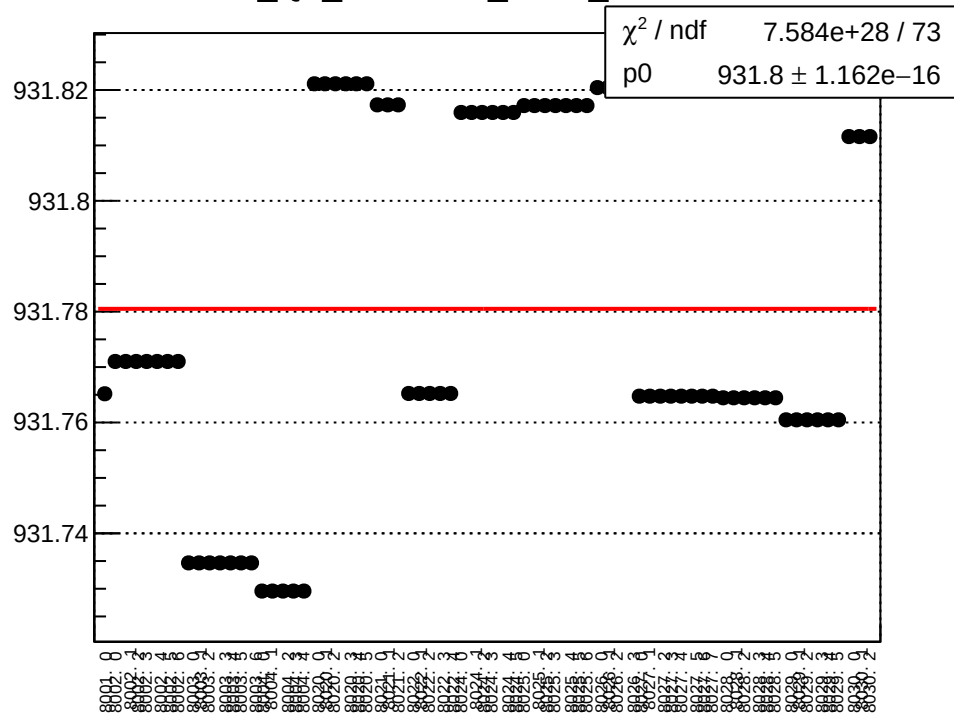
# HALLA\_dpp\_mean vs run



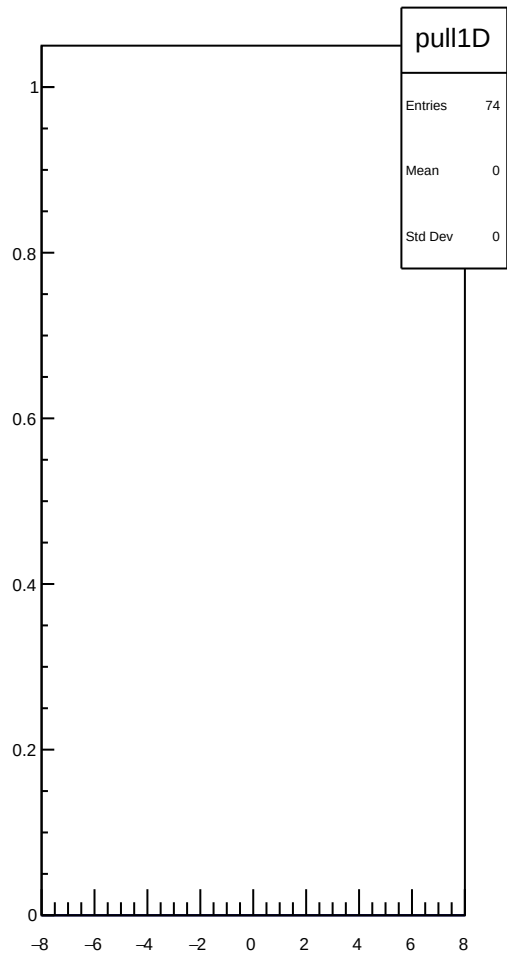
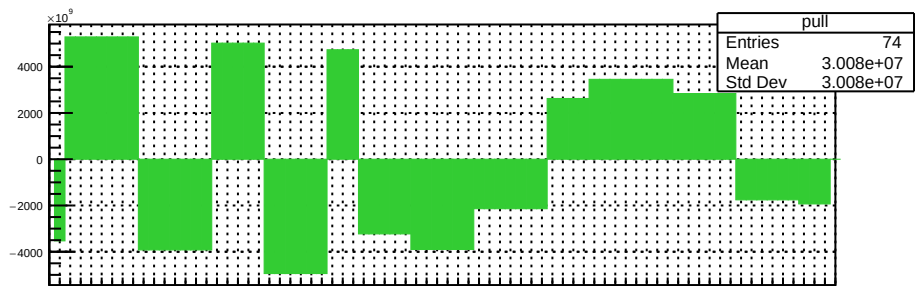
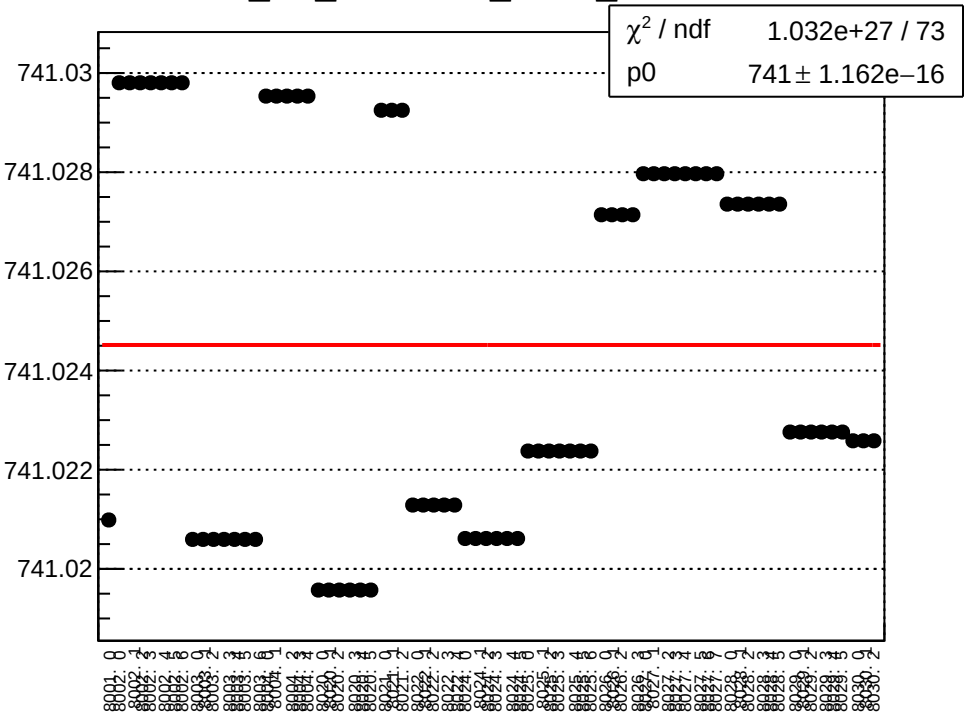
MQ171LM\_mean vs run



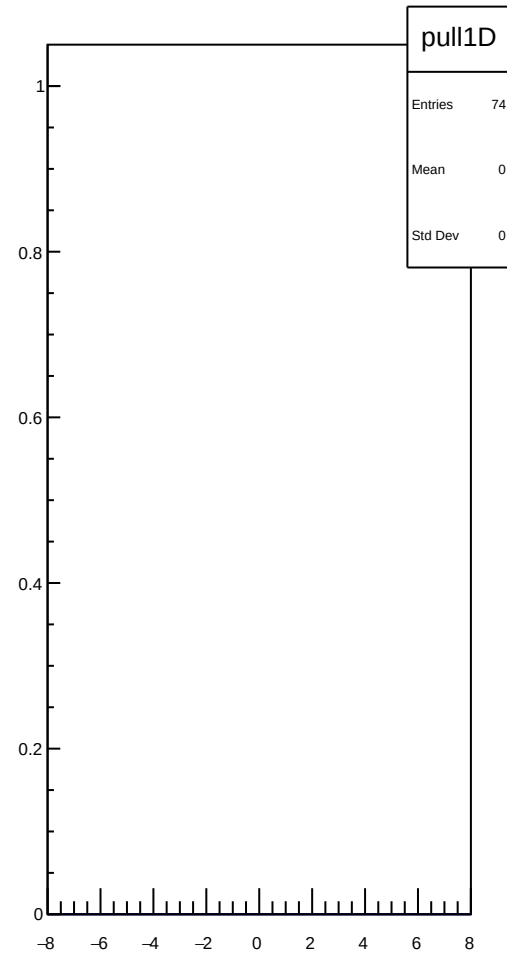
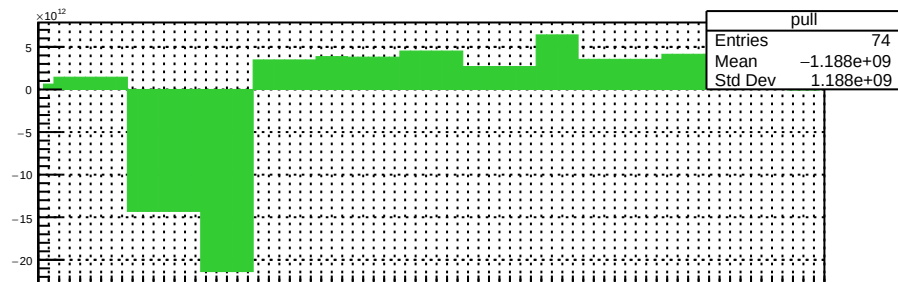
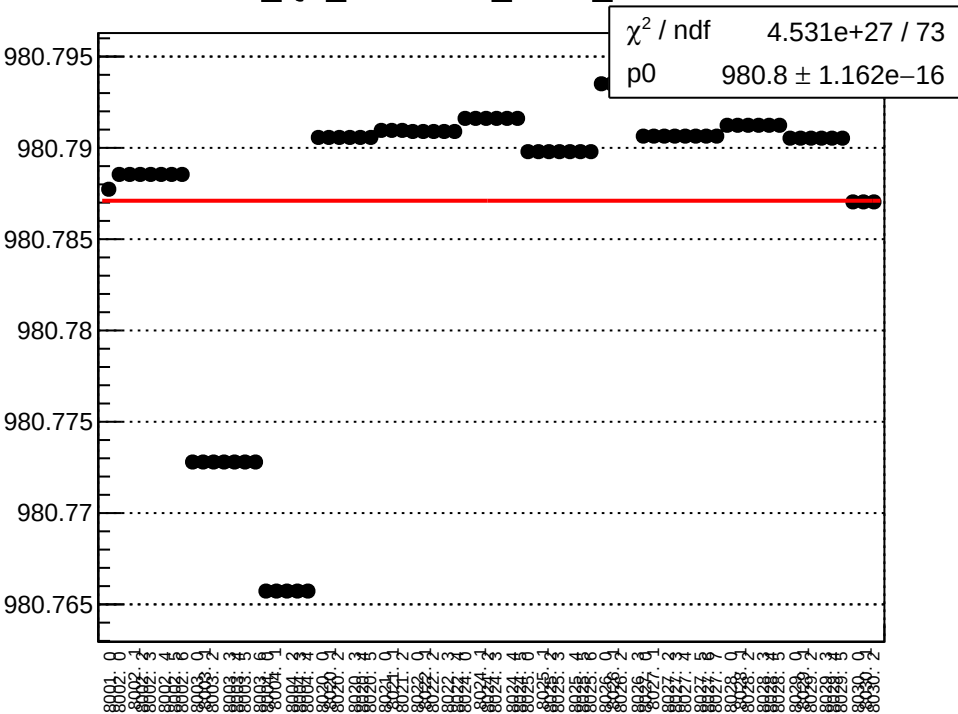
# HacL\_Q2\_HP3458A\_IOUT\_mean vs run



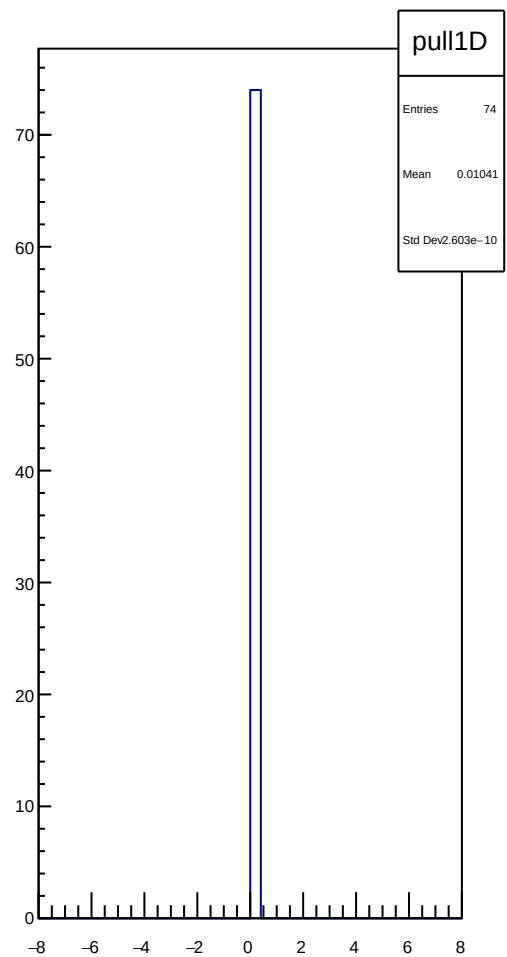
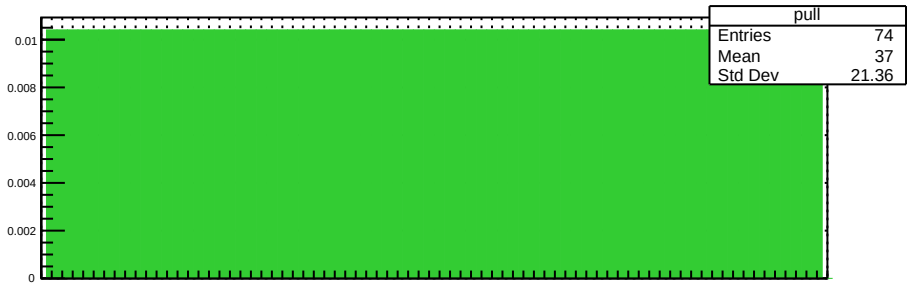
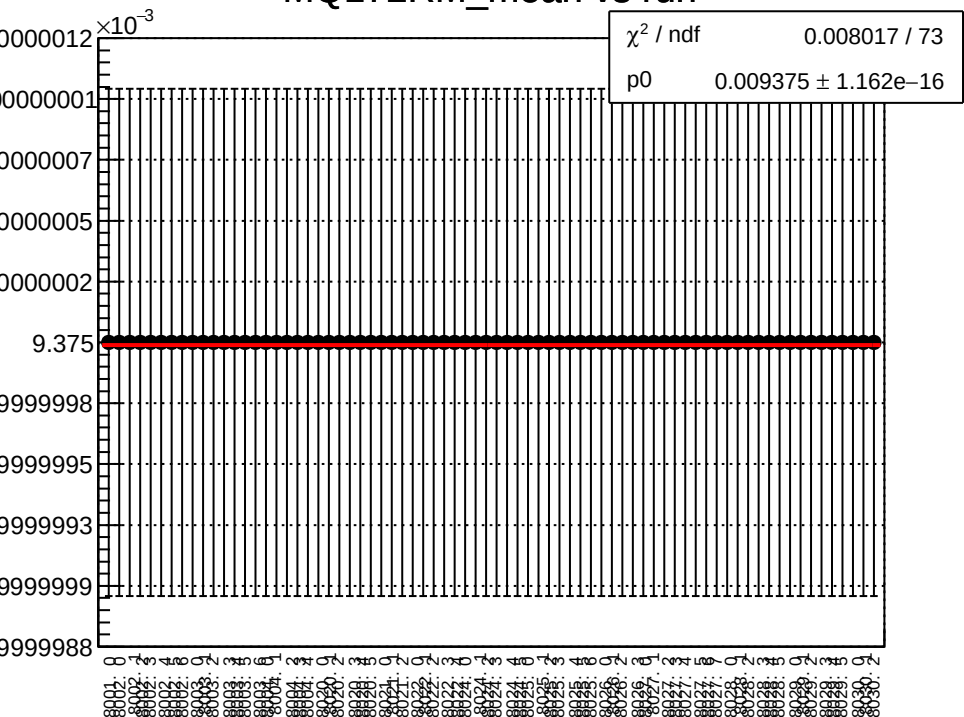
HacL\_D1\_HP3458A\_IOUT\_mean vs run



# HacL\_Q3\_HP3458A\_IOUT\_mean vs run

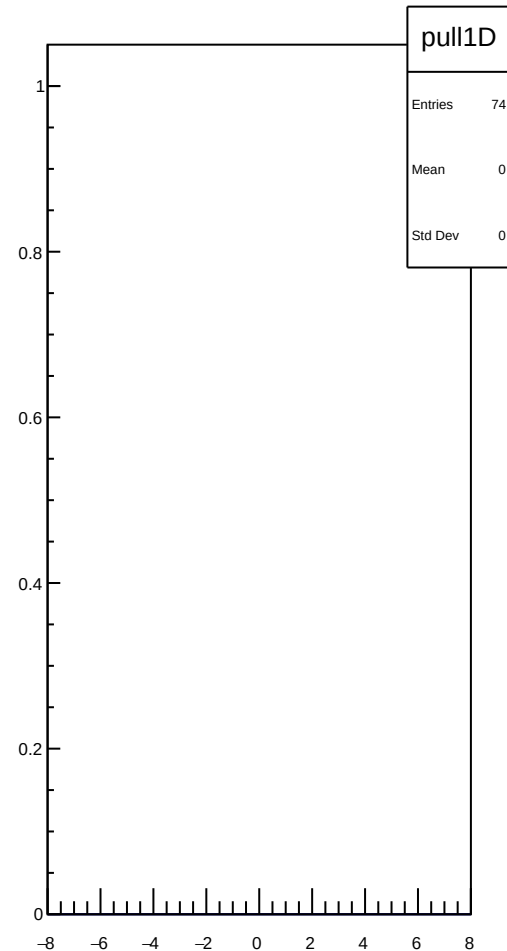
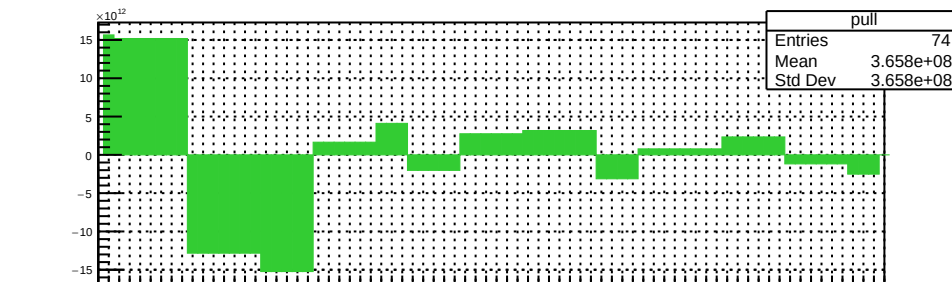
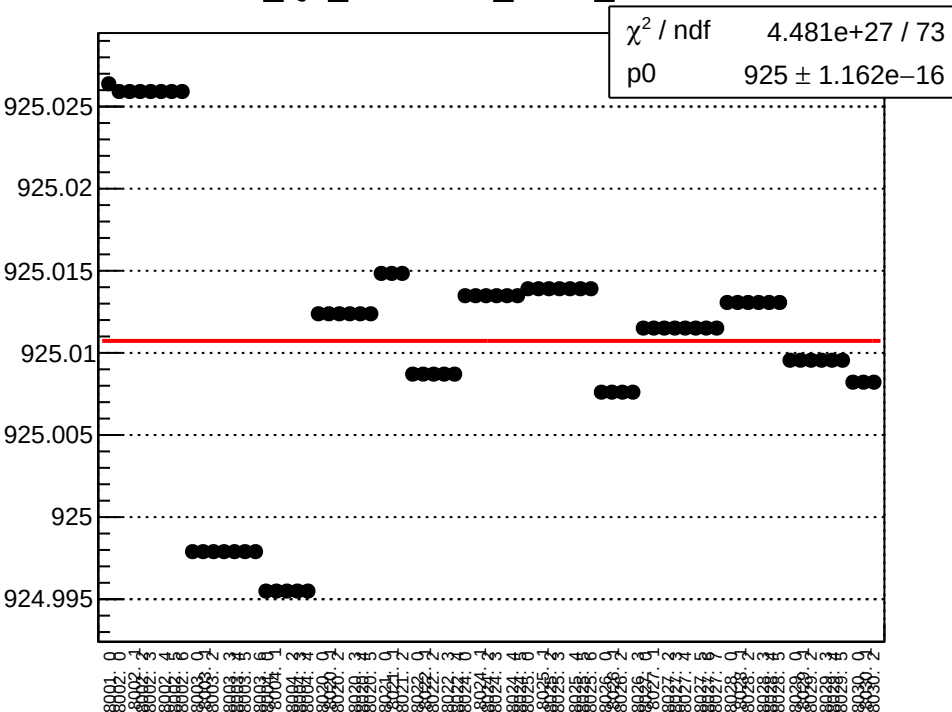


MQ172RM\_mean vs run

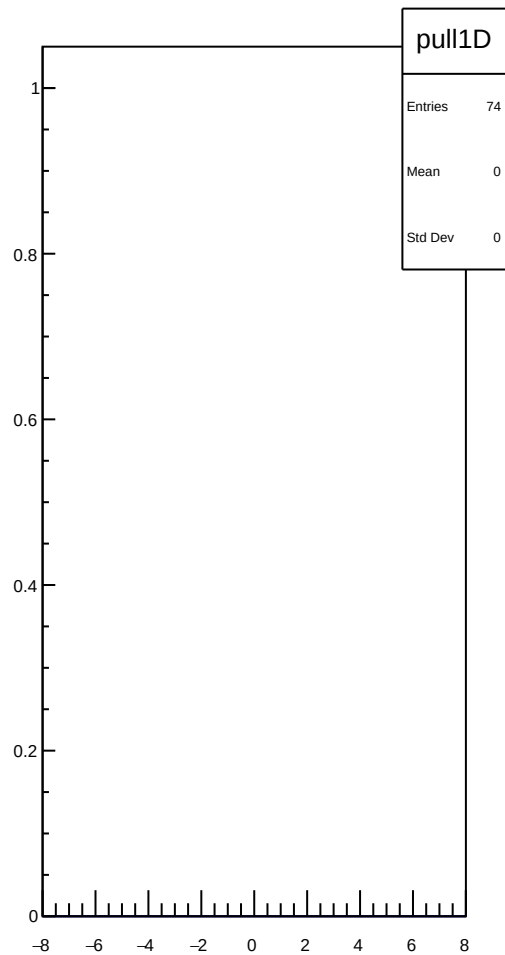
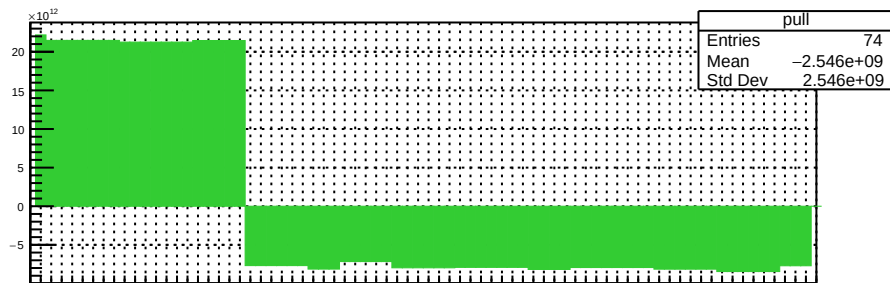
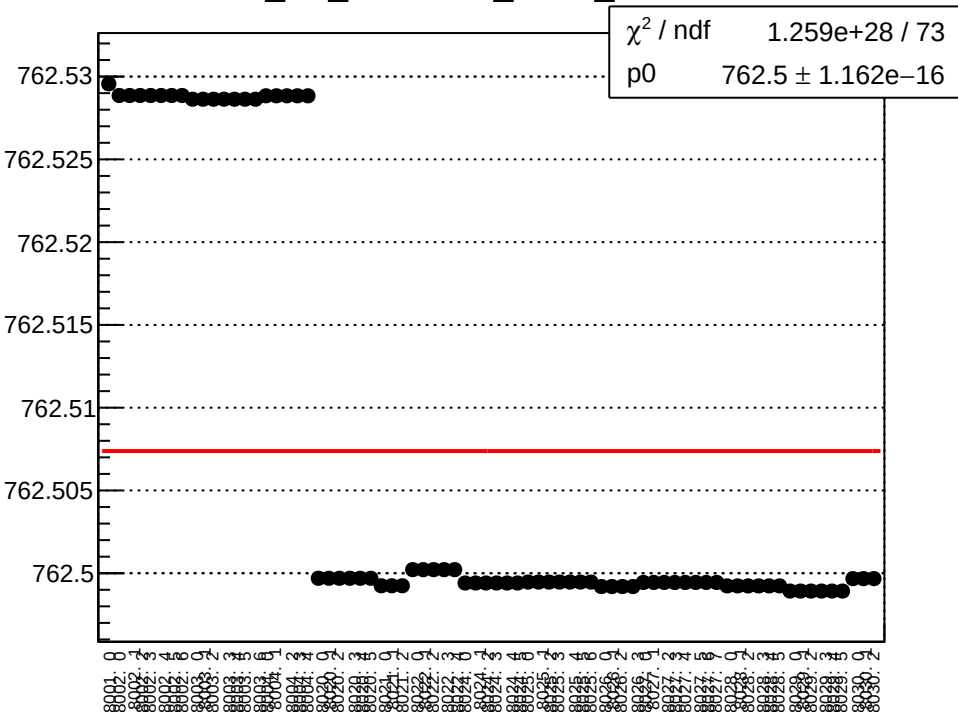




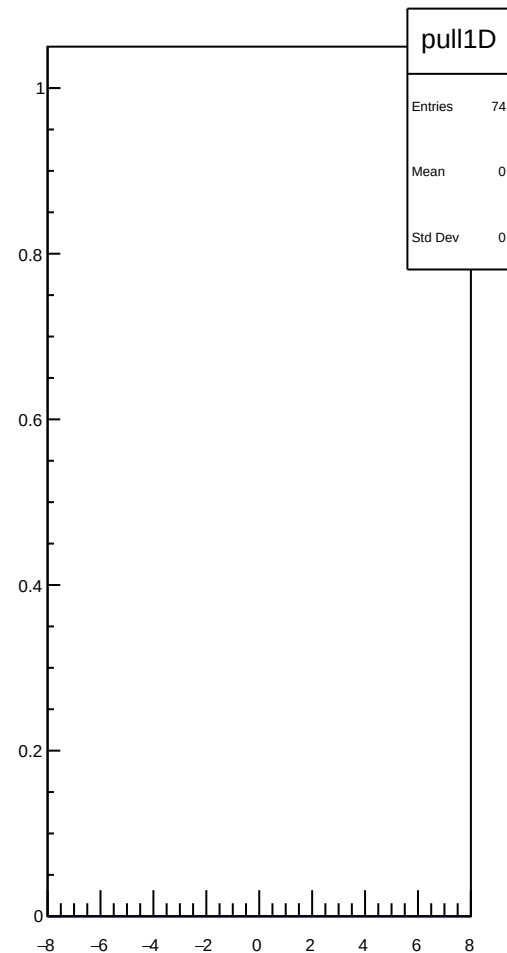
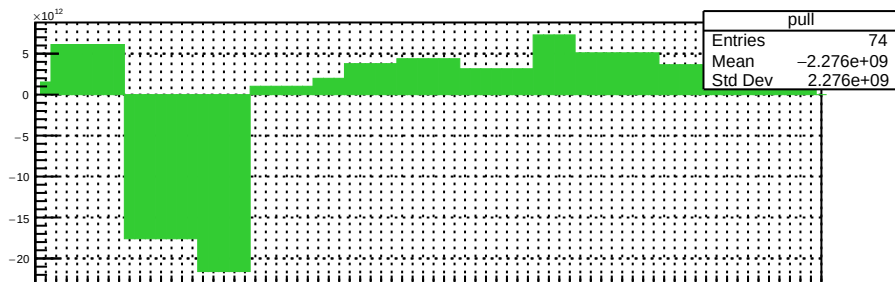
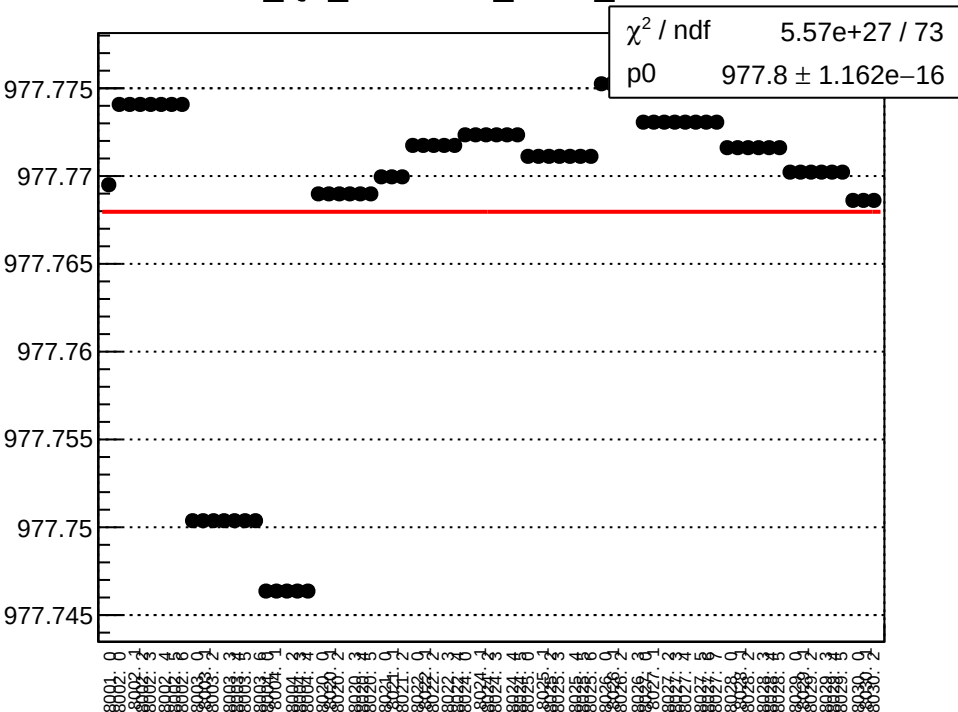
# HacR\_Q2\_HP3458A\_IOUT\_mean vs run



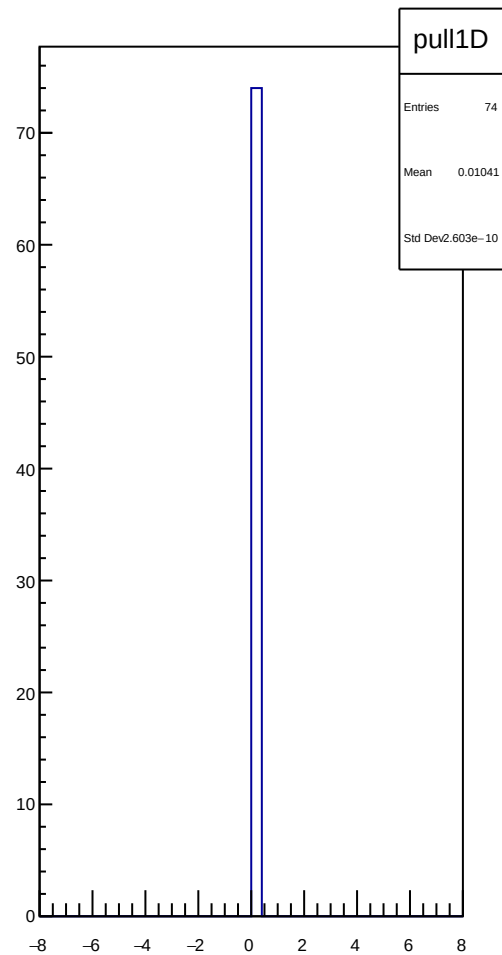
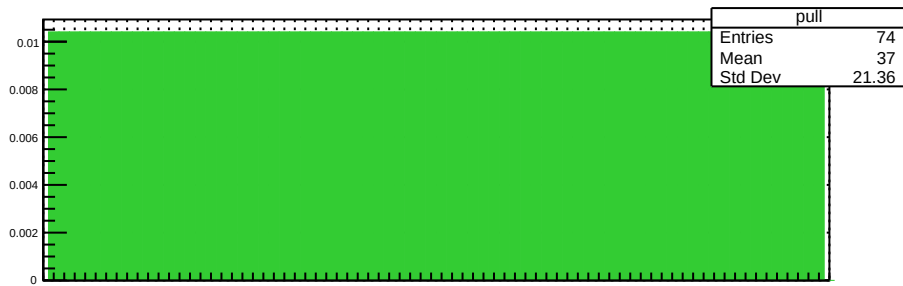
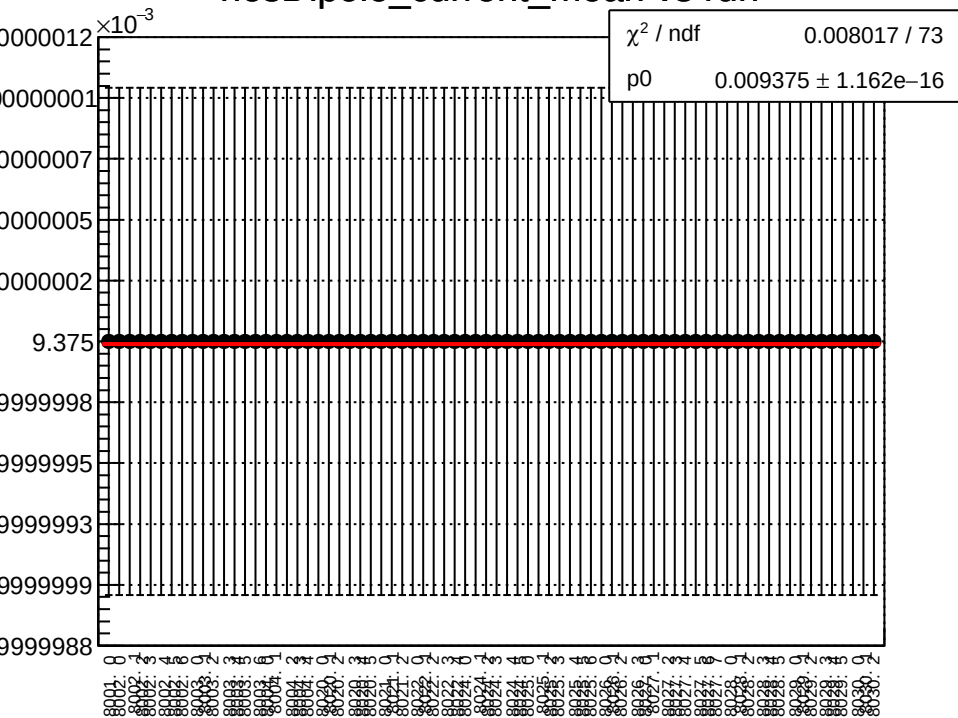
# HacR\_D1\_HP3458A\_IOUT\_mean vs run



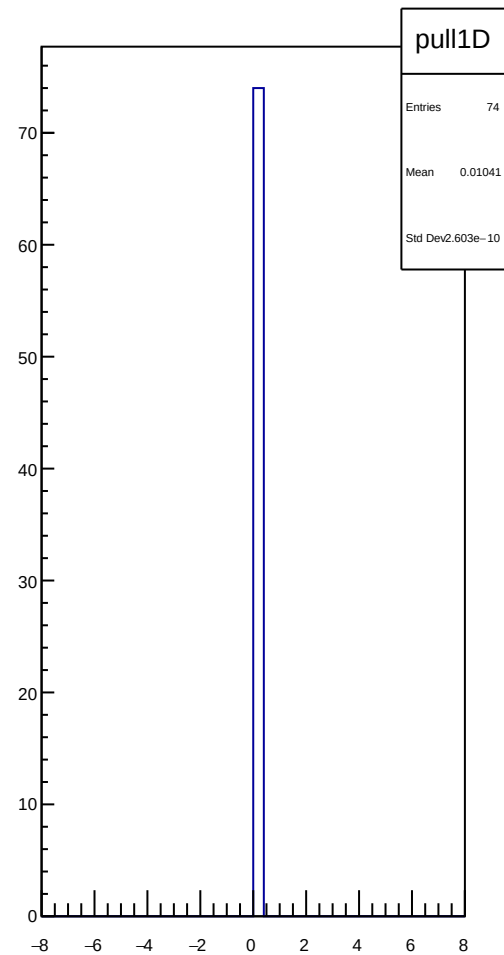
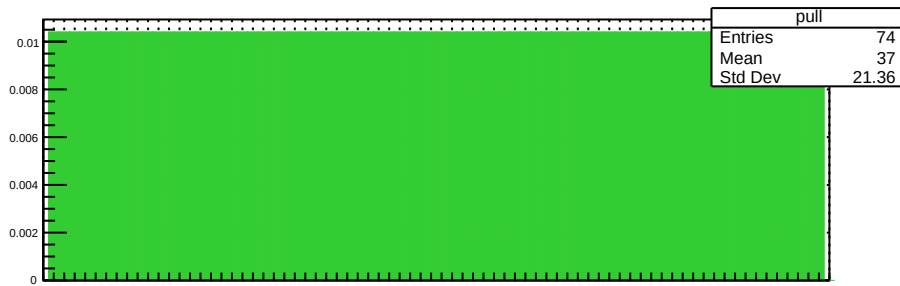
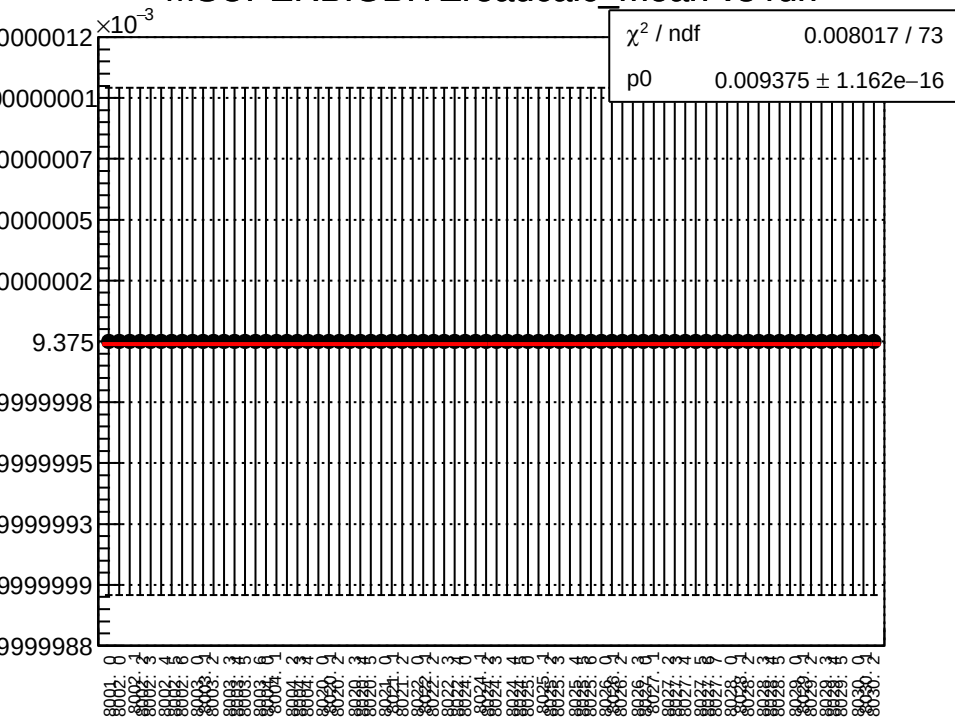
## HacR\_Q3\_HP3458A\_IOUT\_mean vs run



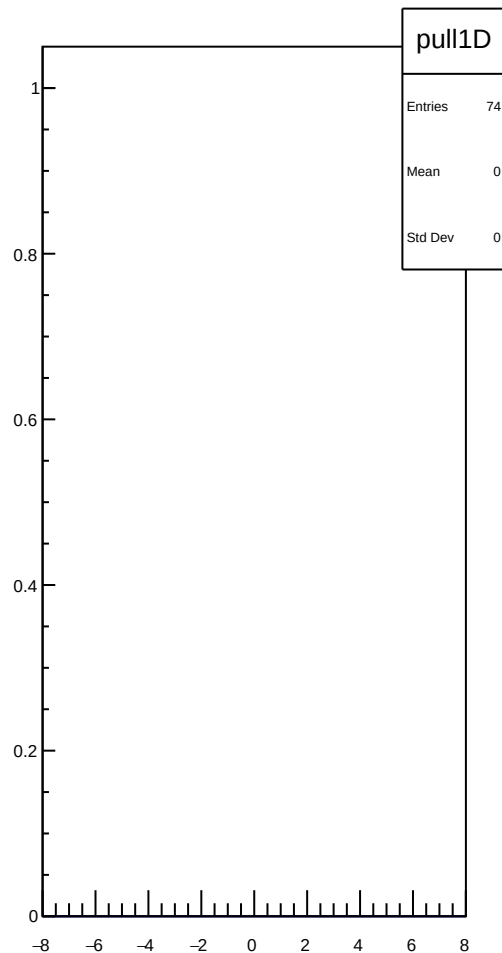
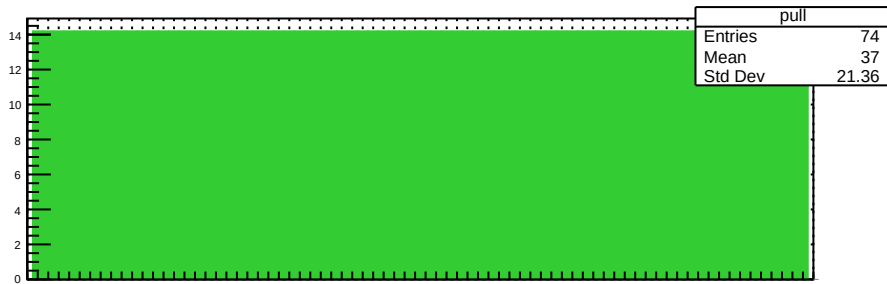
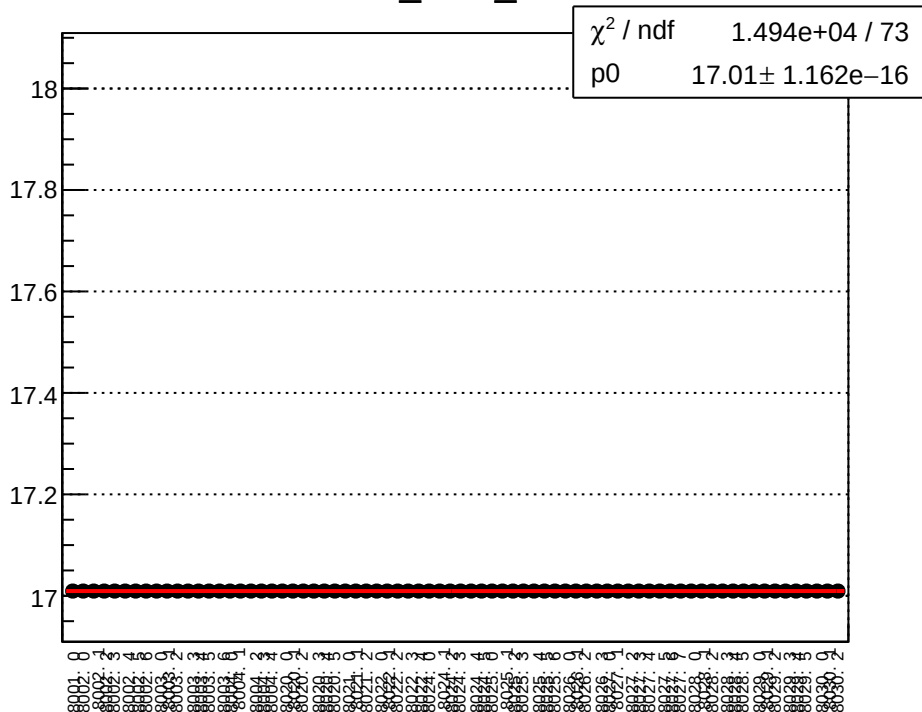
# hesDipole\_current\_mean vs run



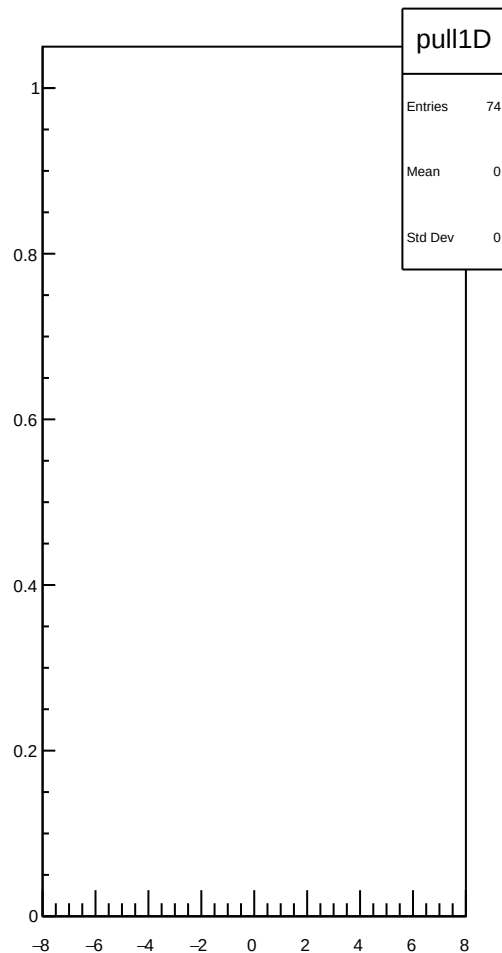
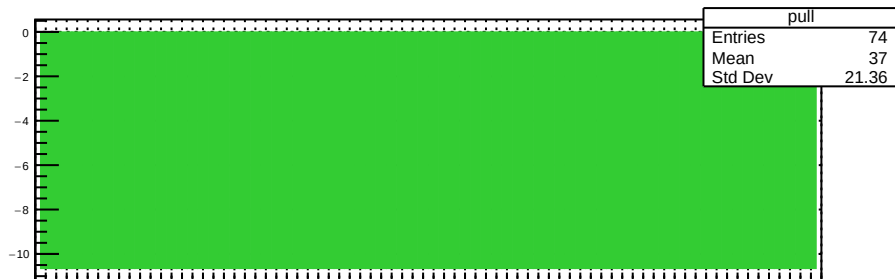
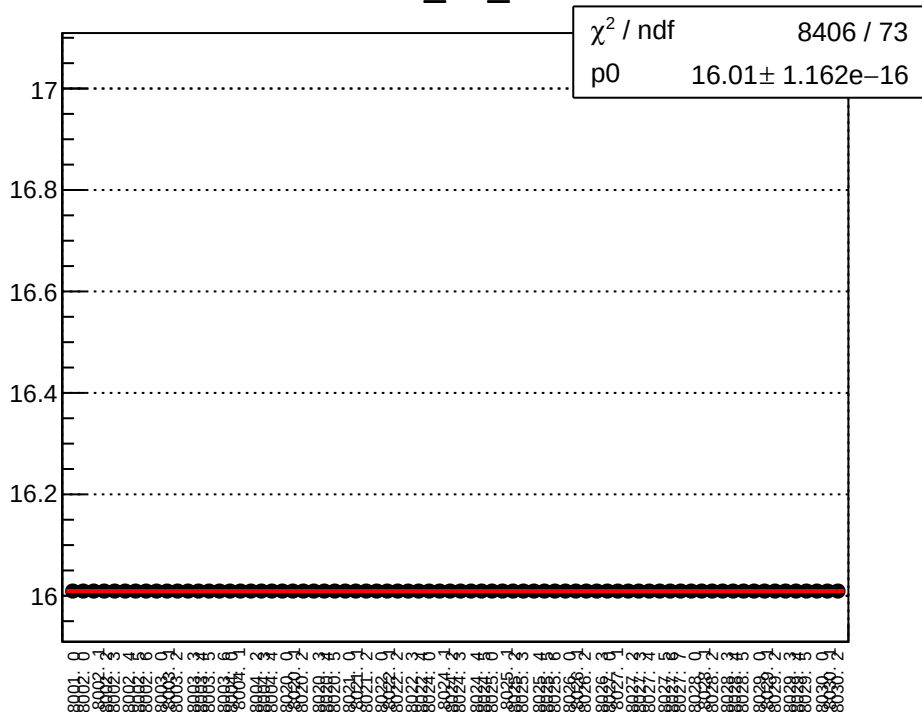
# MSUPERBIGBITEReadcalc mean vs run



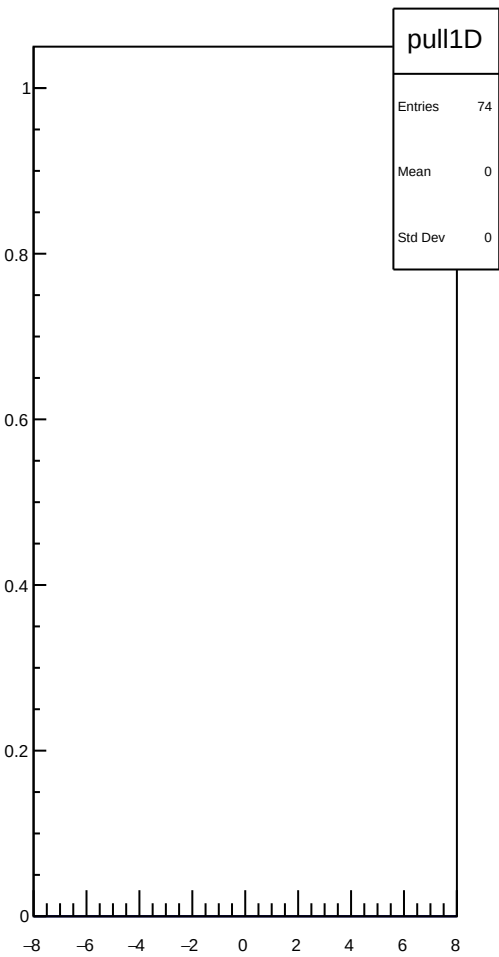
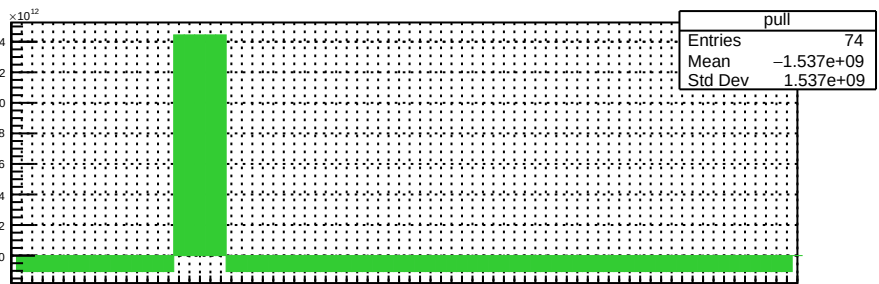
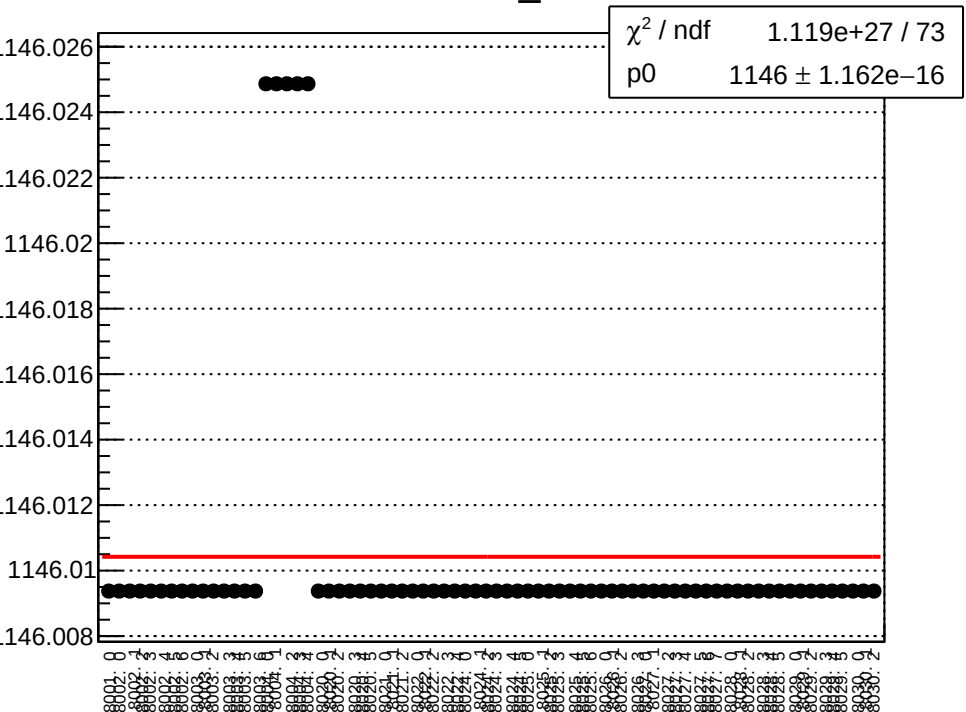
# IGL1I00DI24\_24M\_mean vs run



# IGL1I00OD16\_16\_mean vs run



RTPAPOSUCNT\_mean vs run





# RTPAPOSVCNT\_mean vs run

