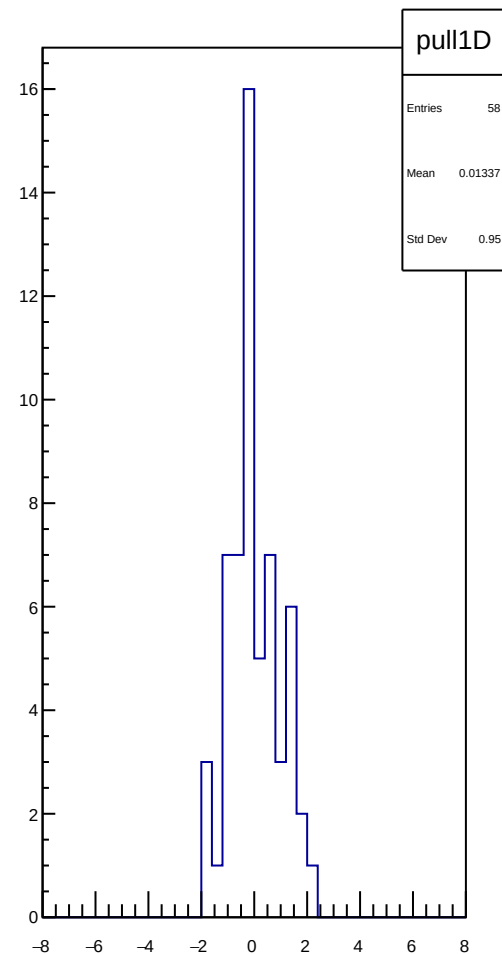
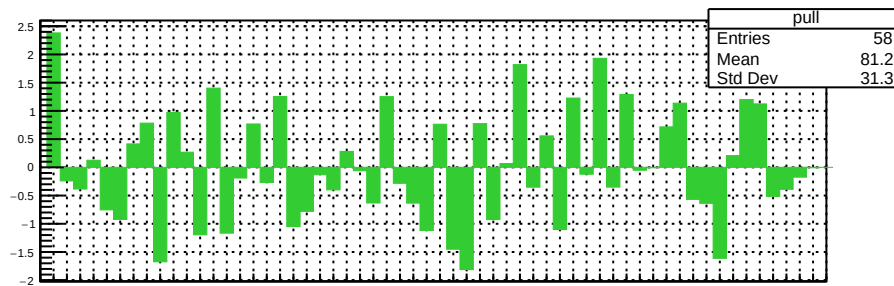
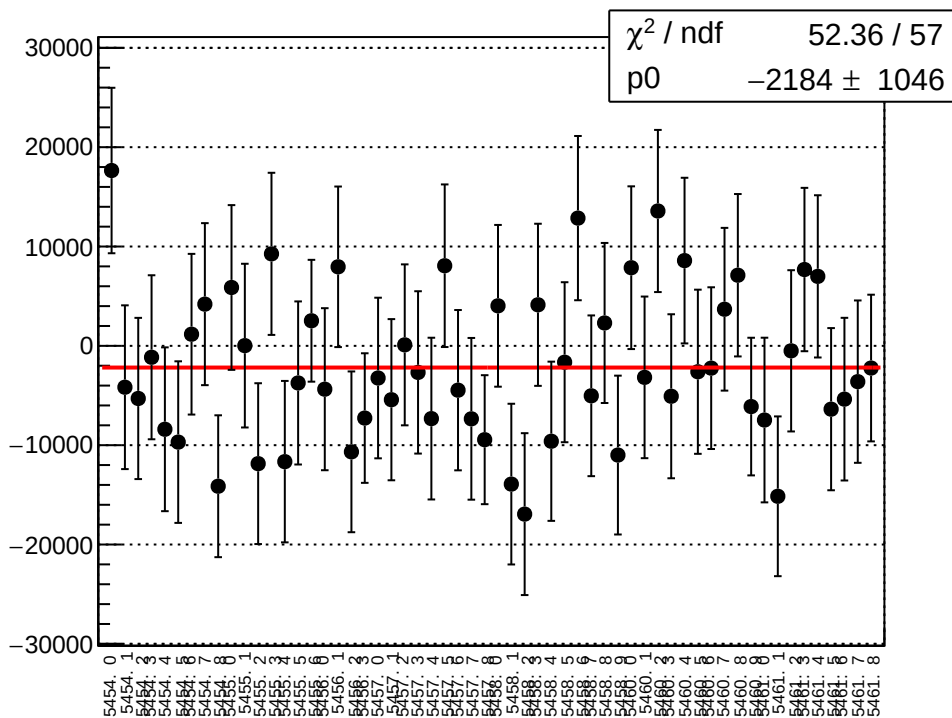
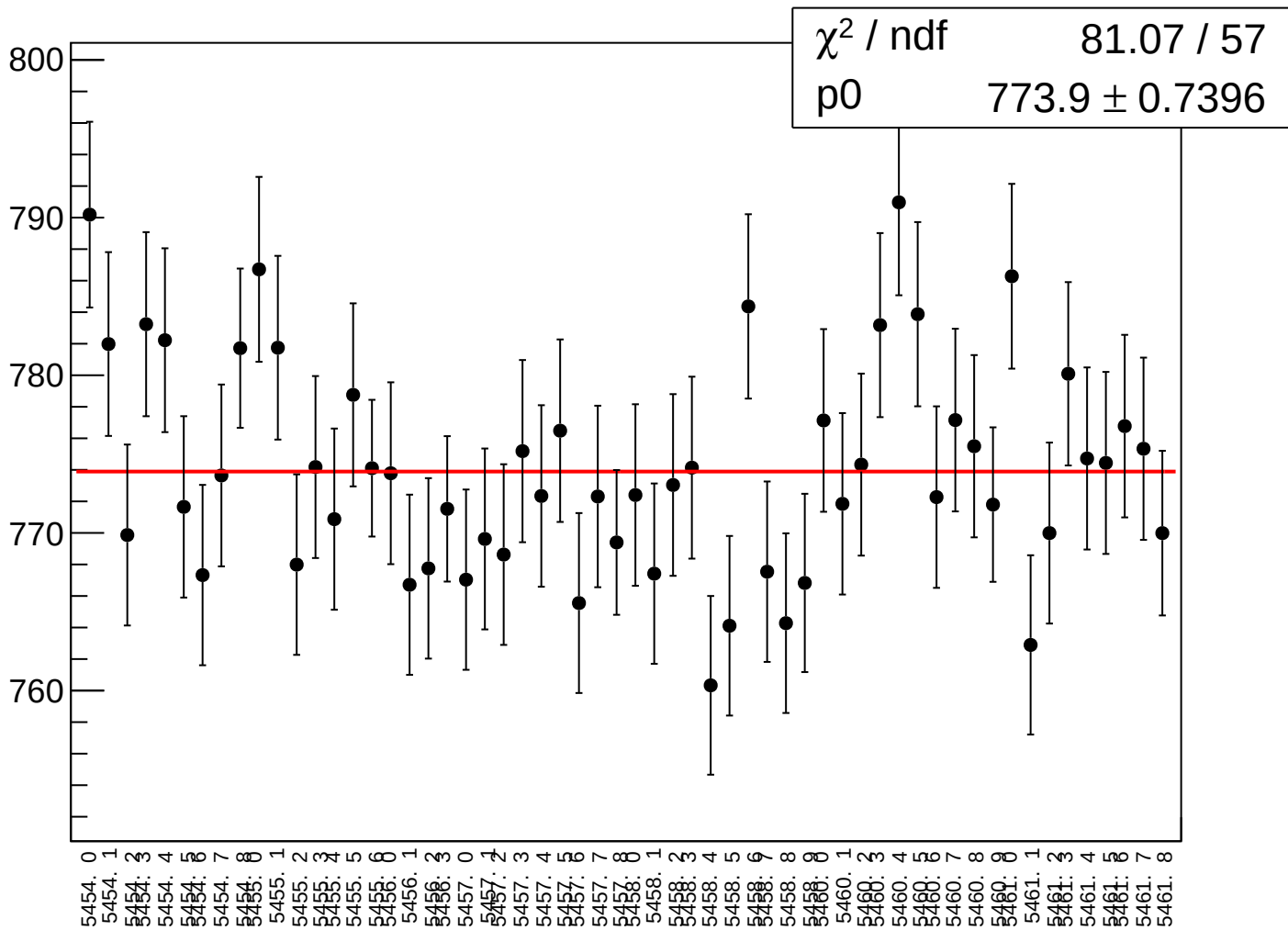


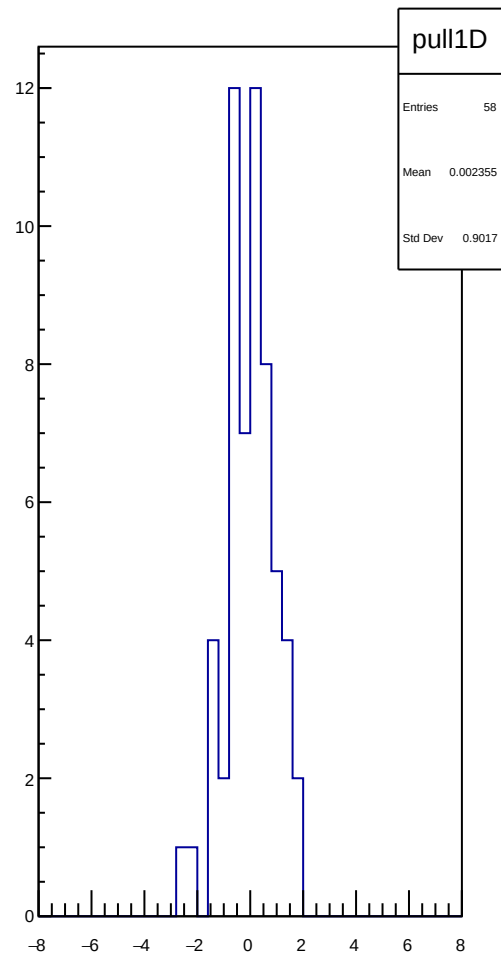
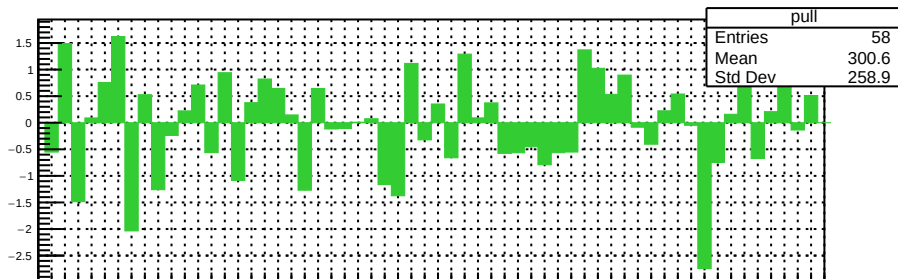
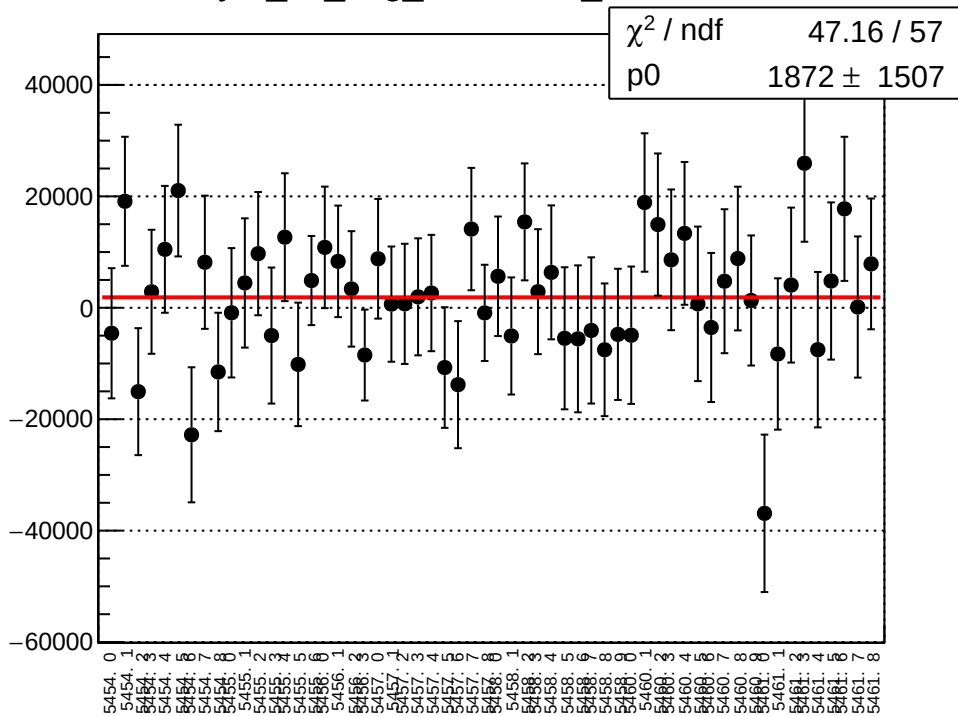
reg\_asym\_us\_avg\_mean vs run



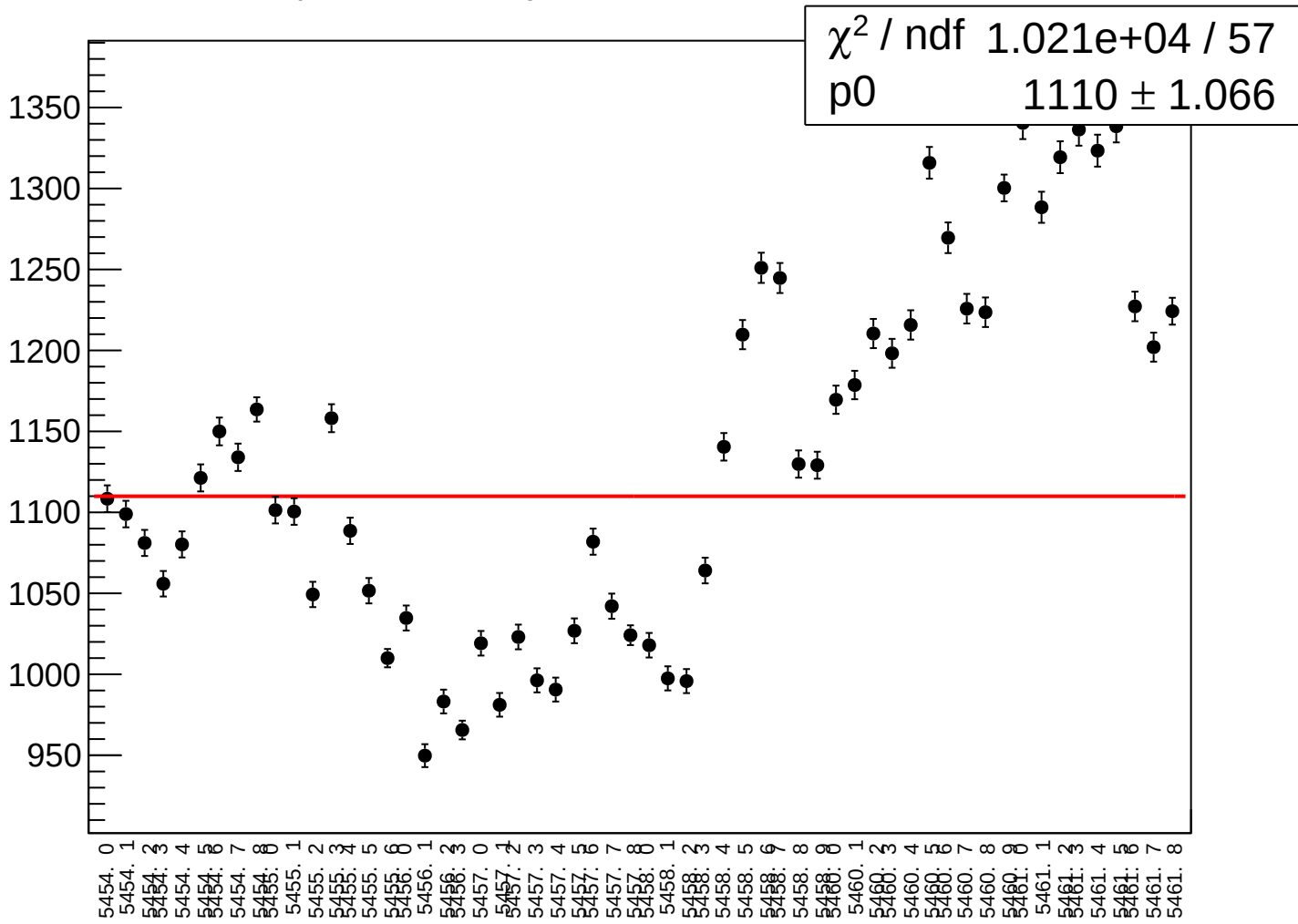
reg\_asym\_us\_avg\_rms vs run



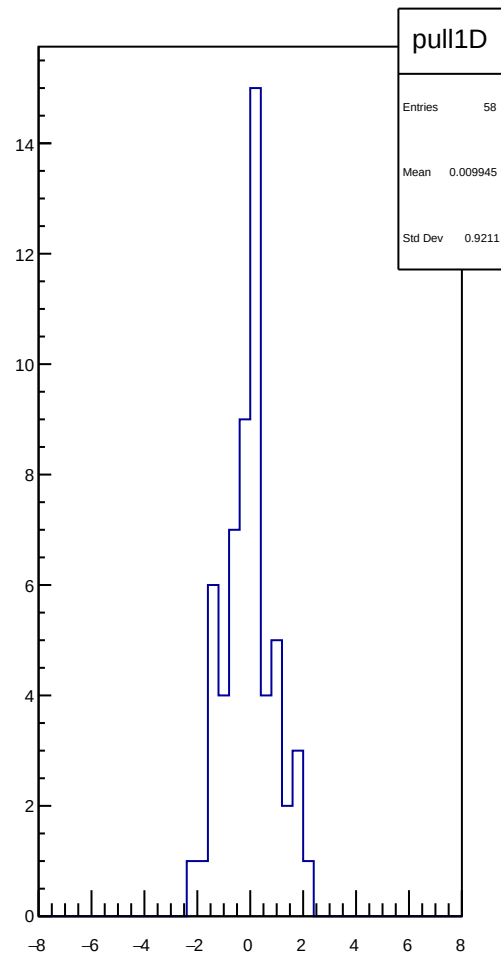
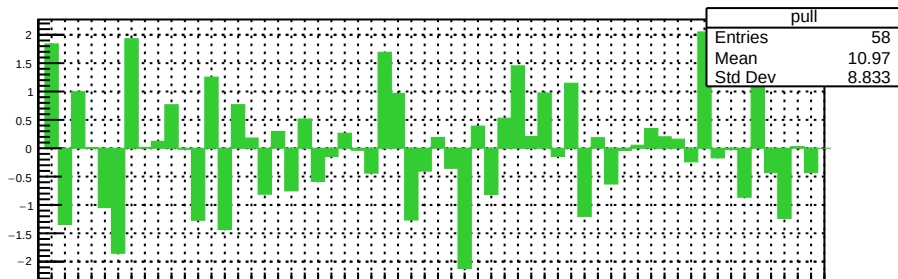
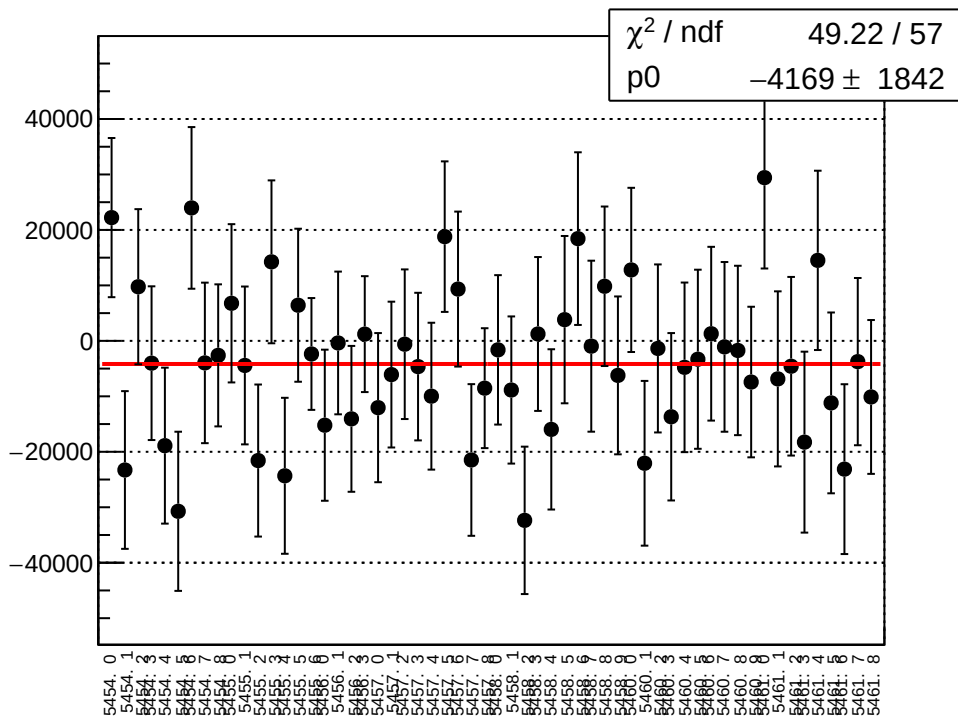
## asym\_us\_avg\_correction\_mean vs run



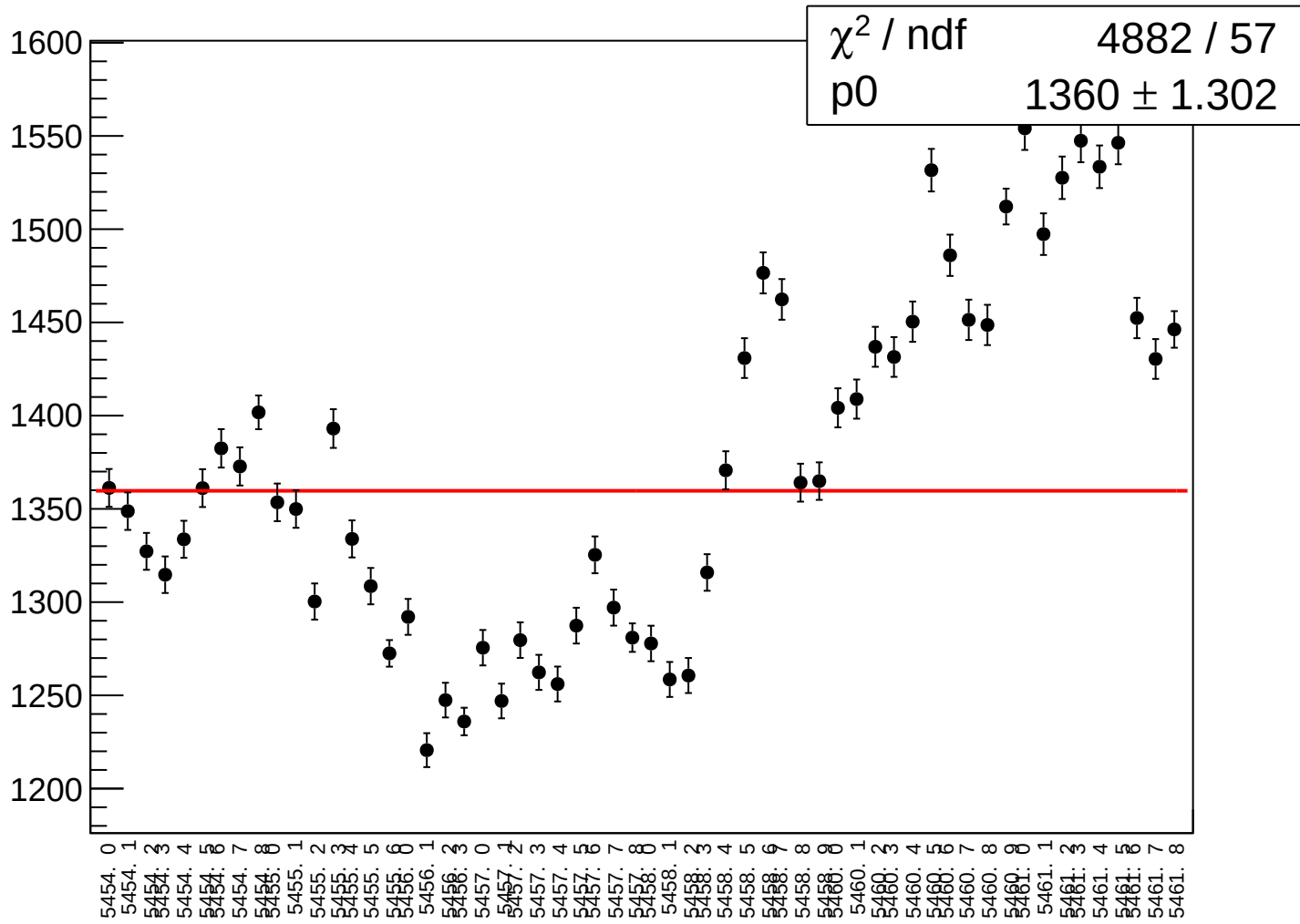
asym\_us\_avg\_correction\_rms vs run



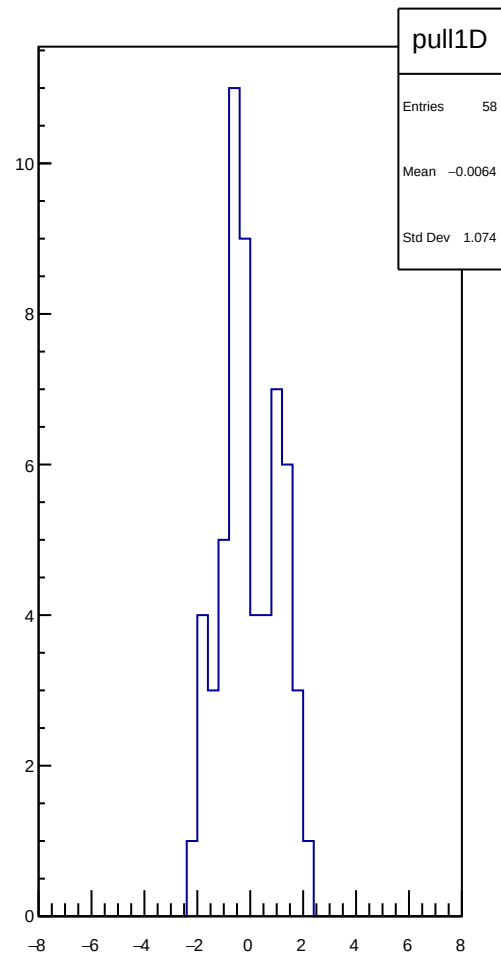
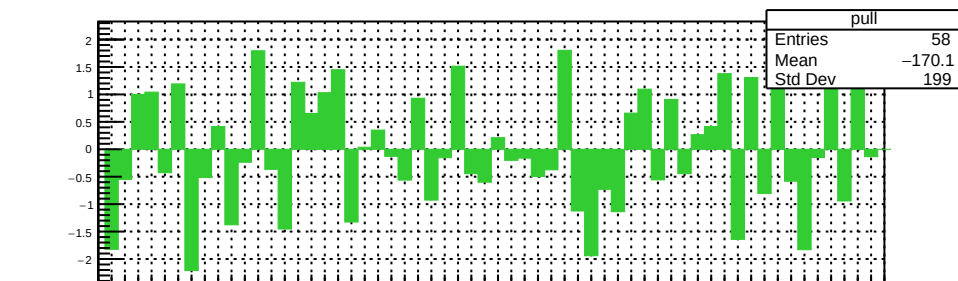
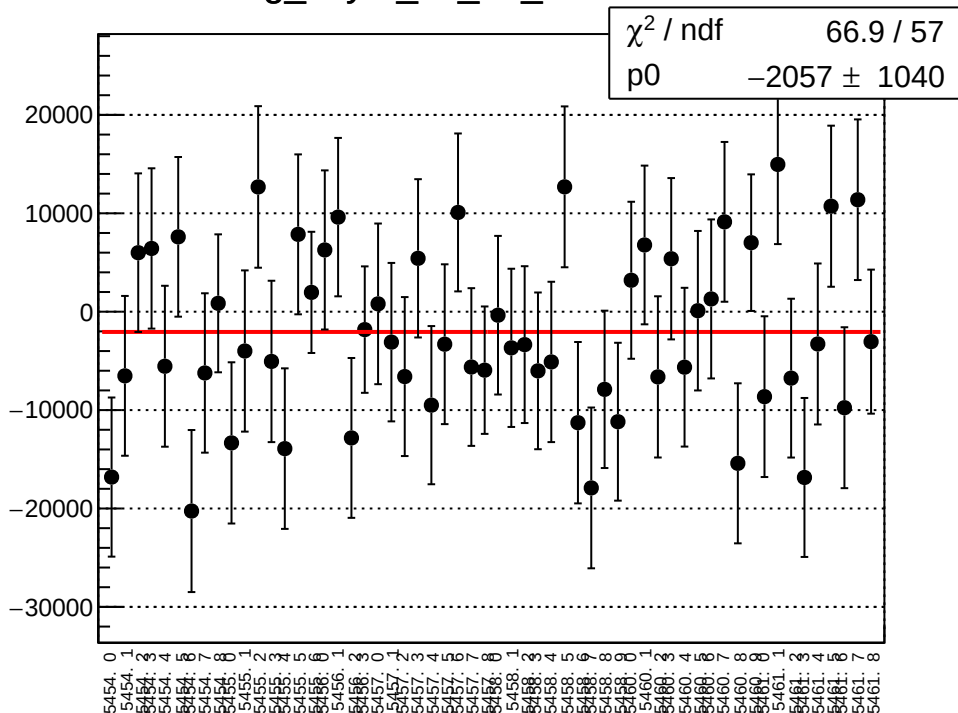
asym\_us\_avg\_mean vs run



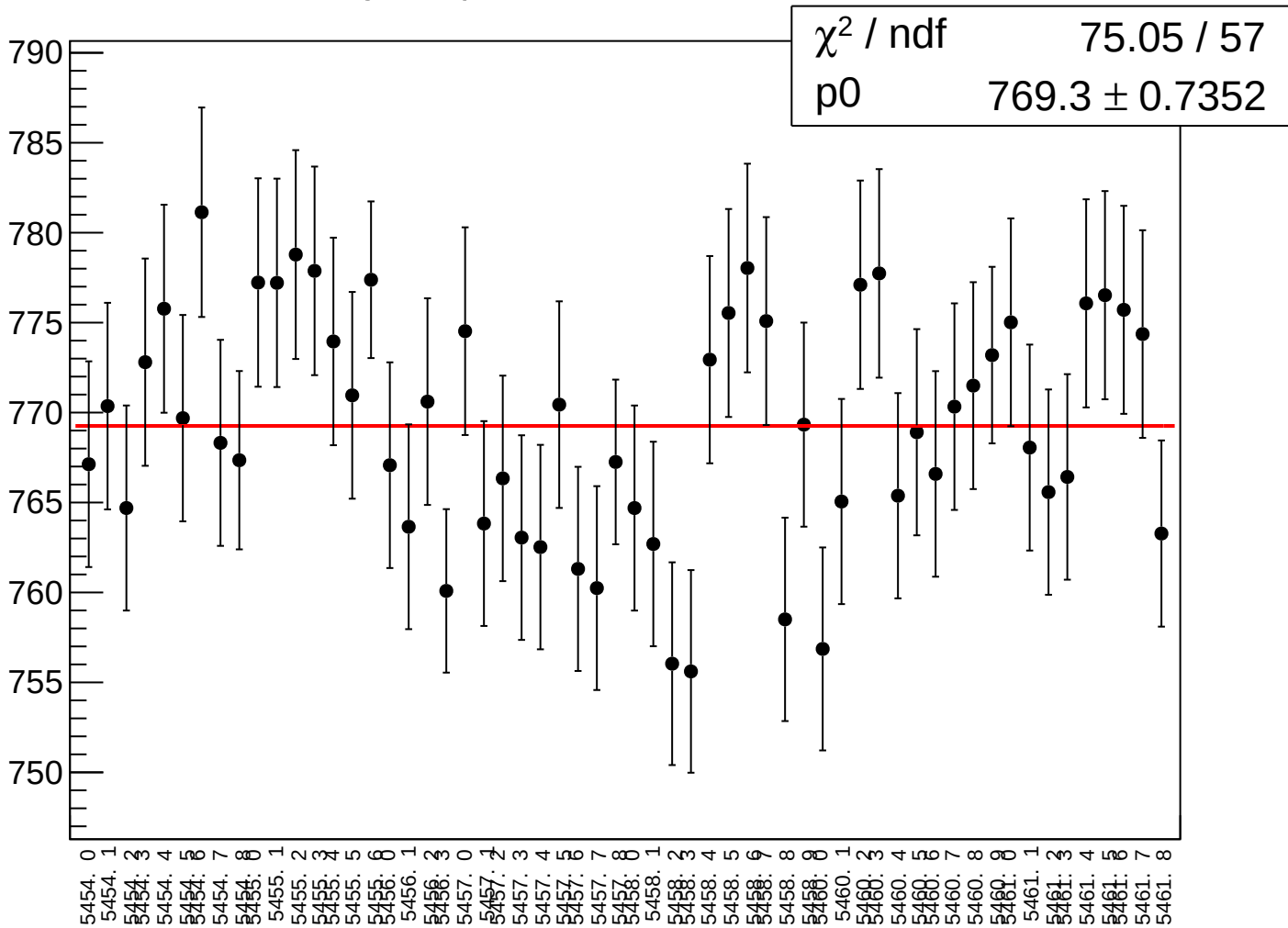
asym\_us\_avg\_rms vs run



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

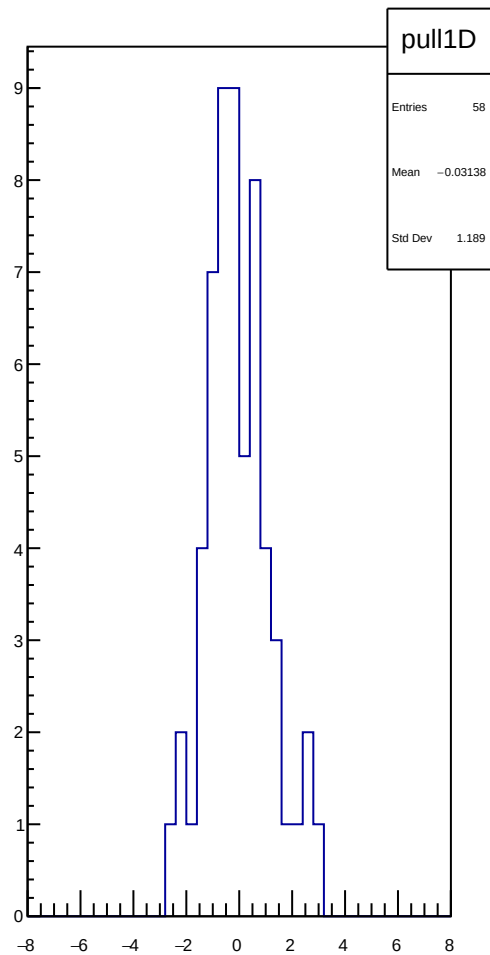
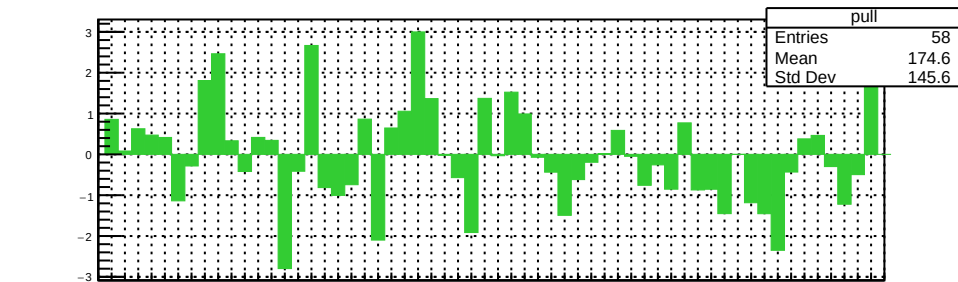
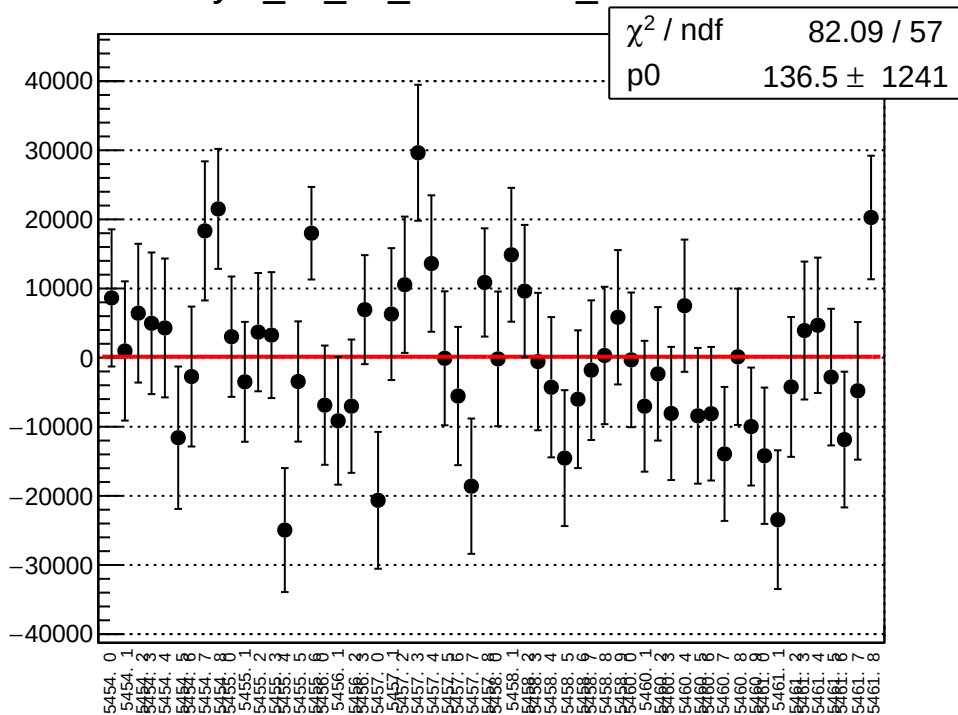


# reg\_asym\_us\_dd\_rms vs run

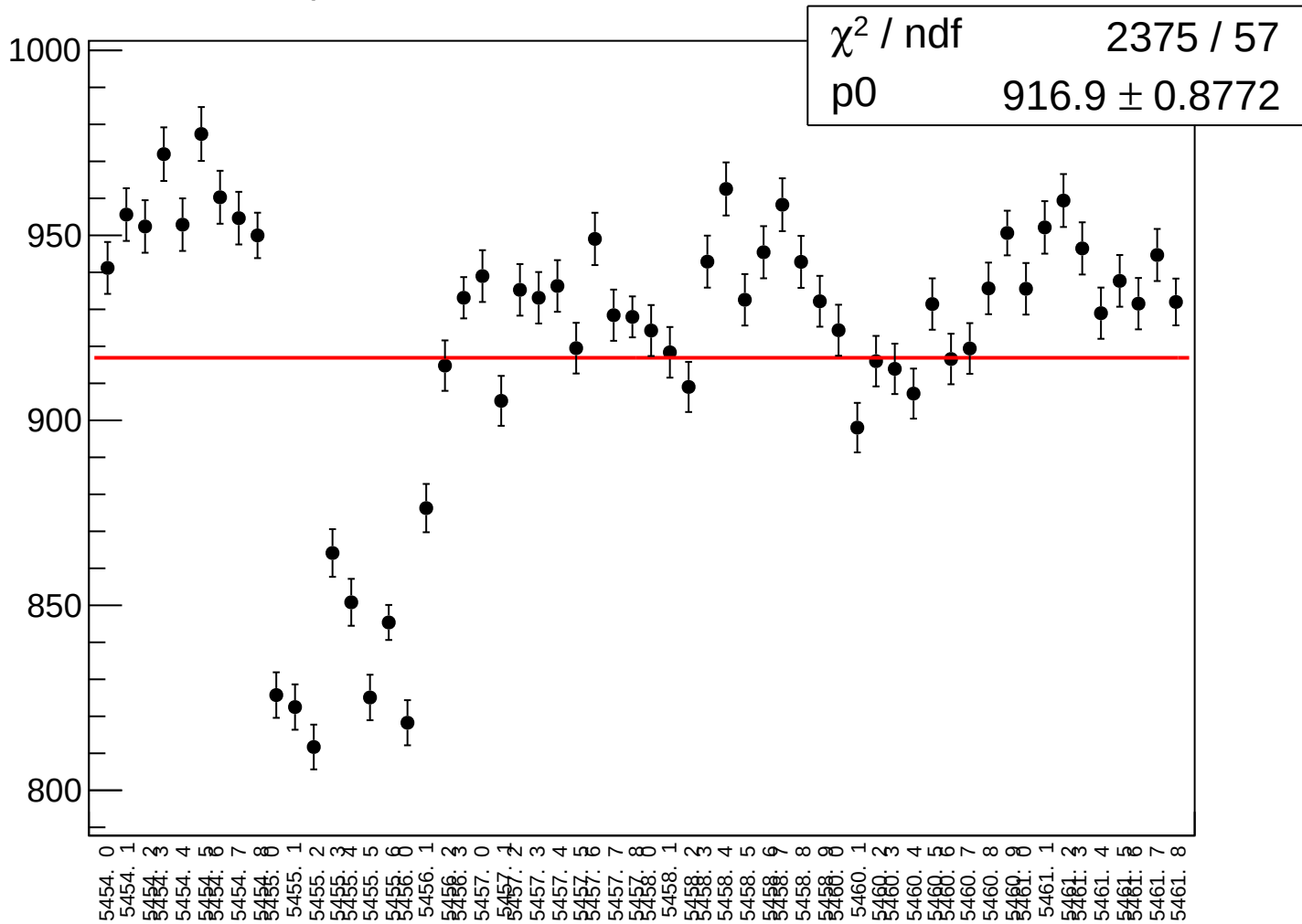




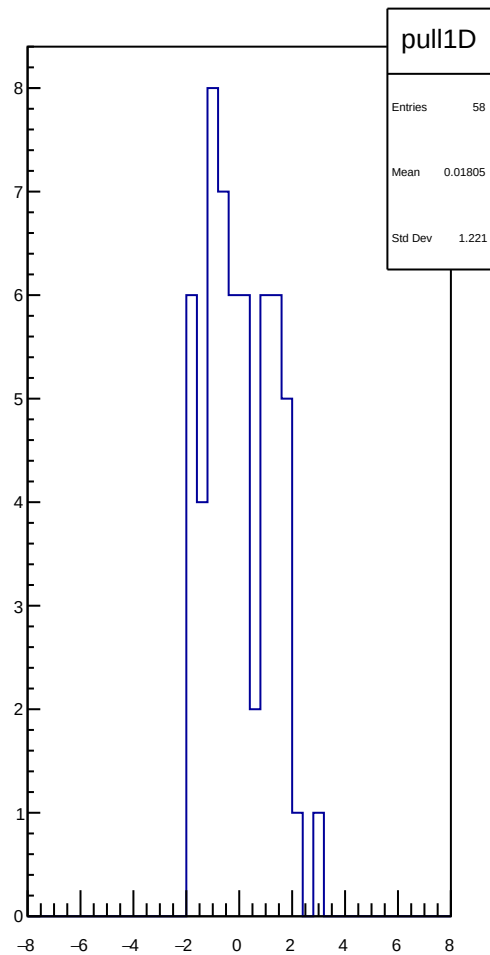
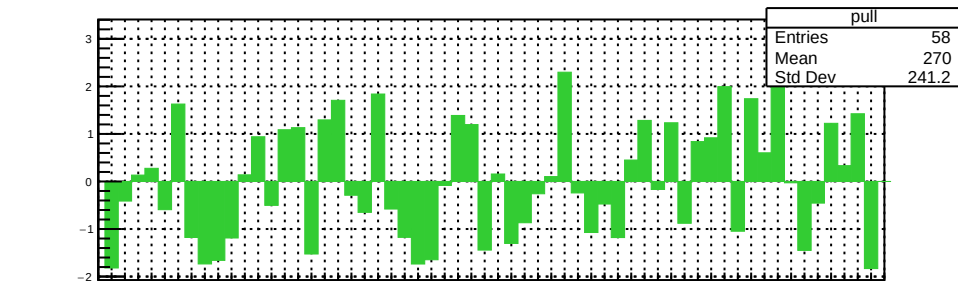
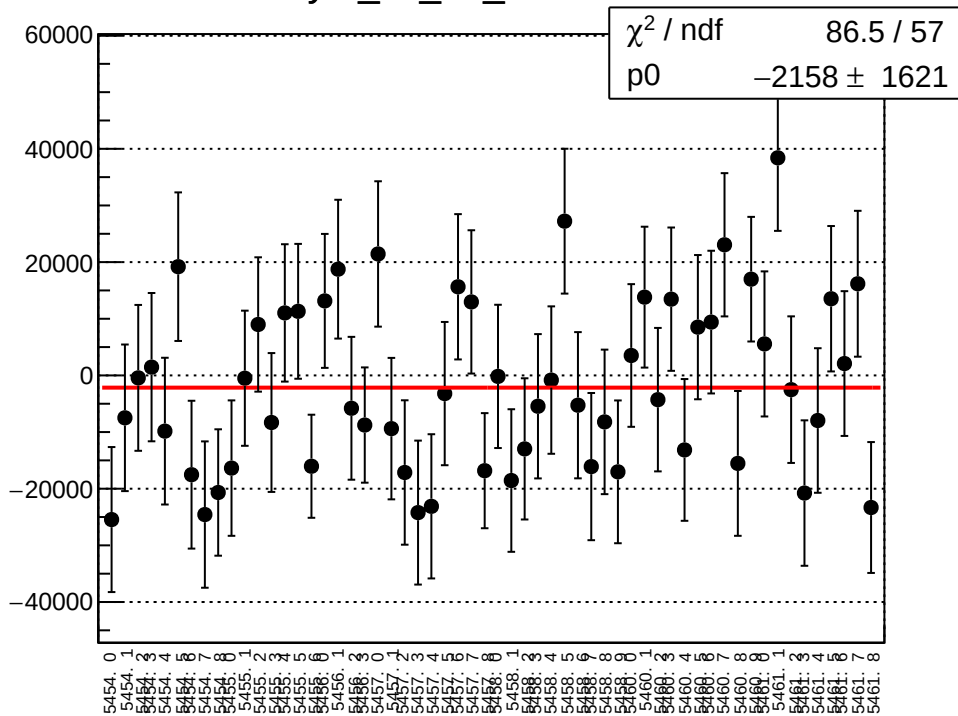
## asym\_us\_dd\_correction\_mean vs run



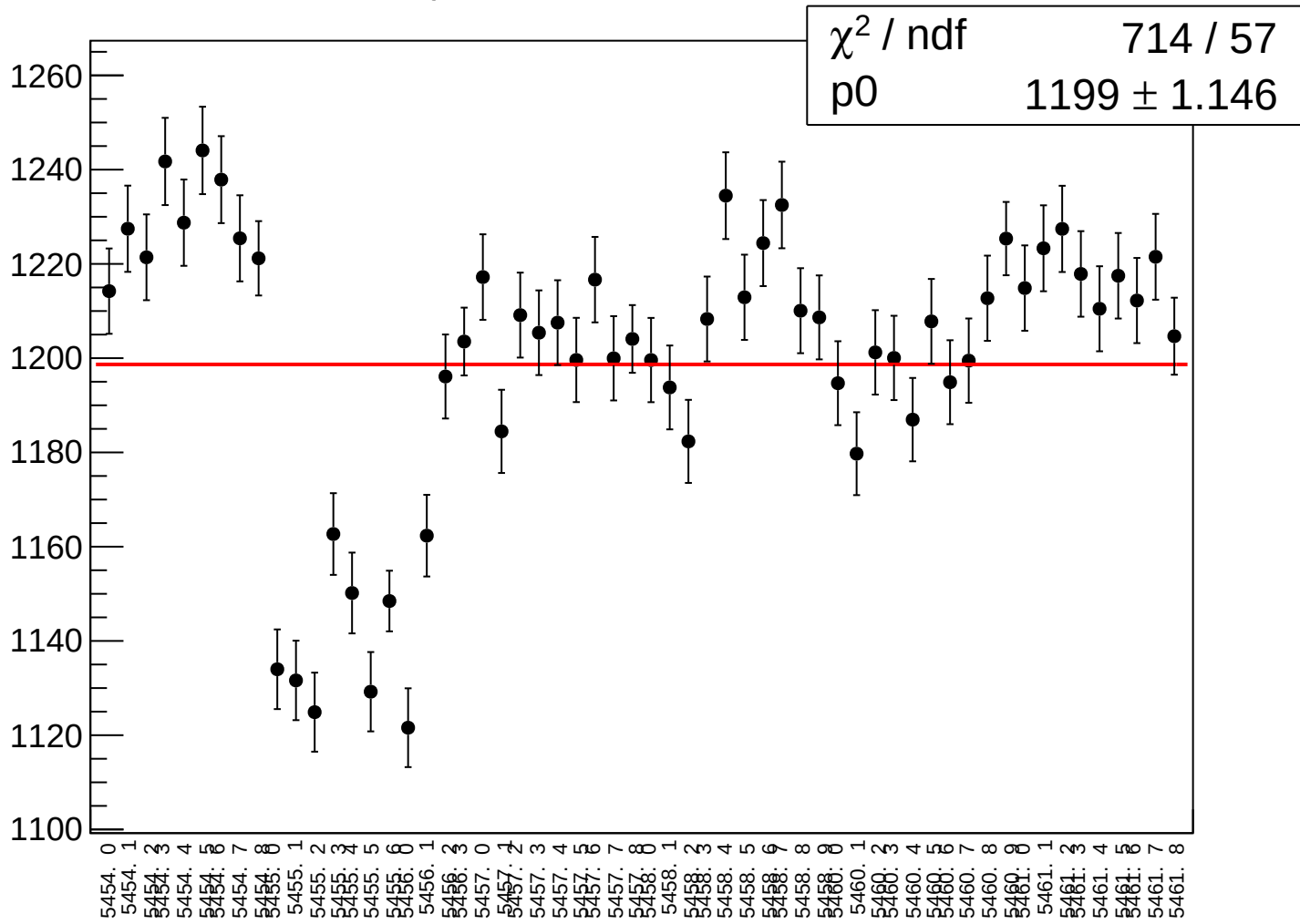
# asym\_us\_dd\_correction\_rms vs run



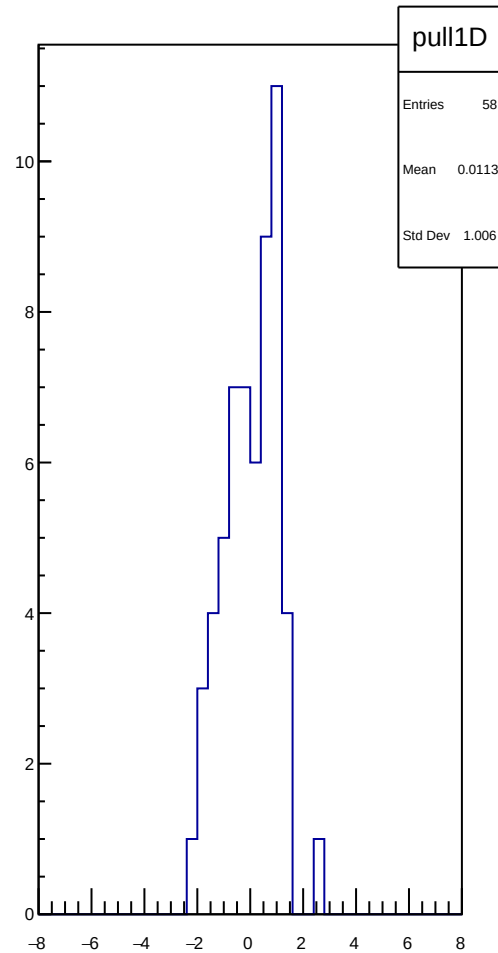
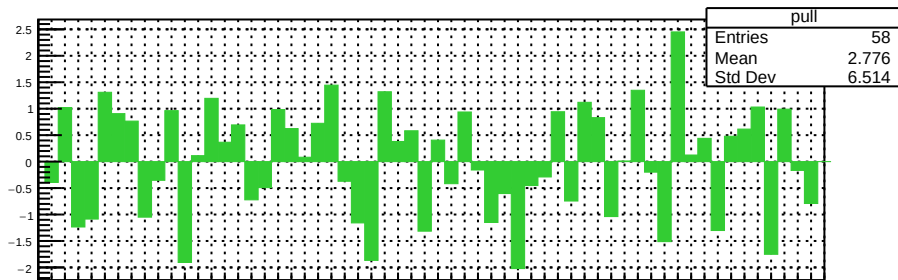
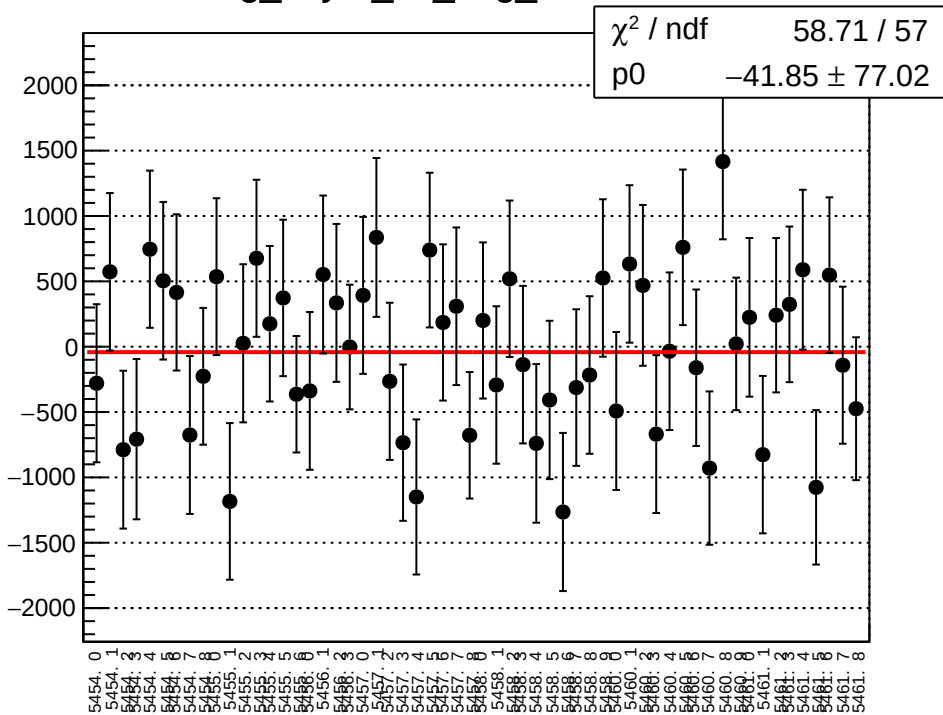
asym\_us\_dd\_mean vs run



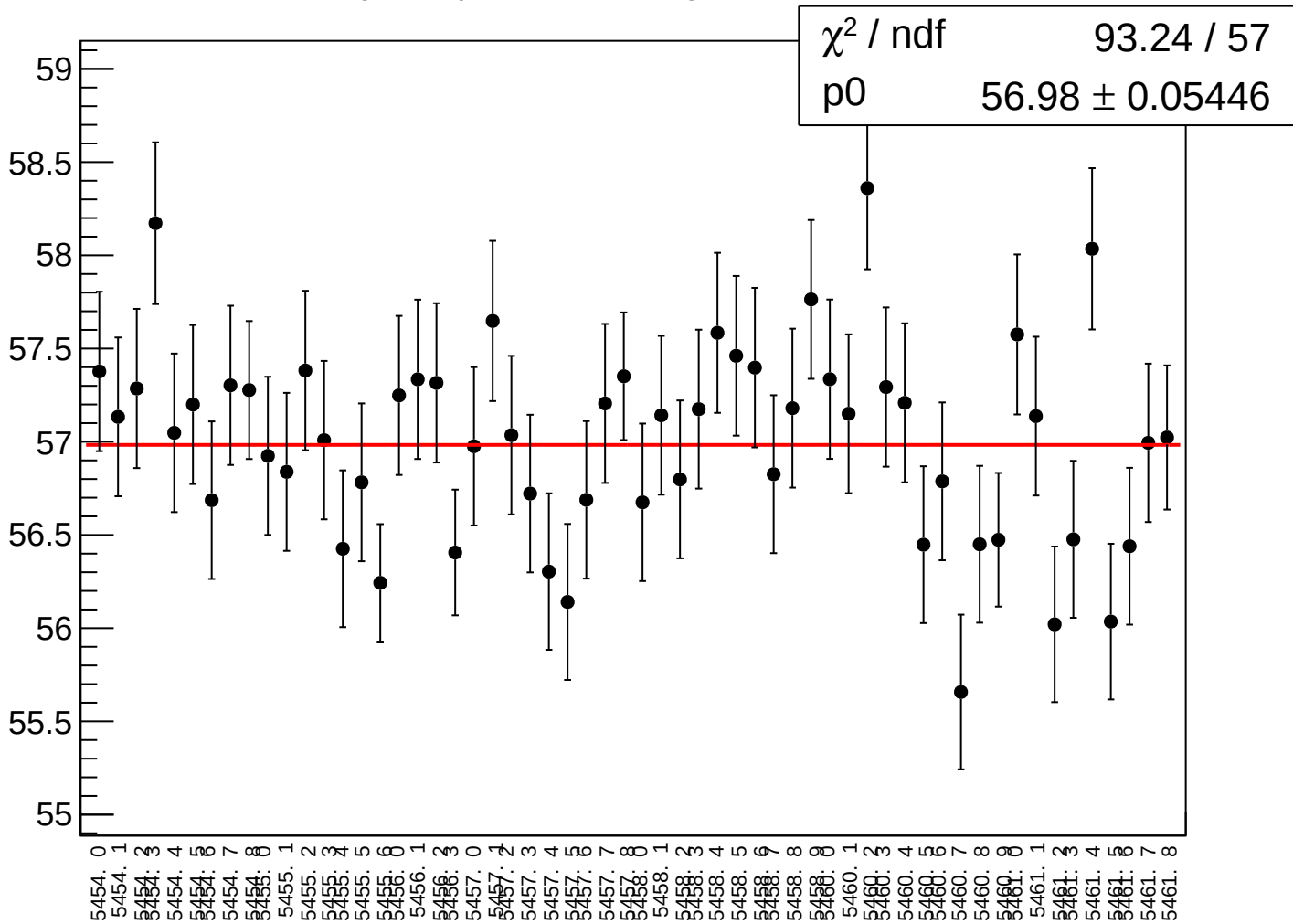
# asym\_us\_dd\_rms vs run



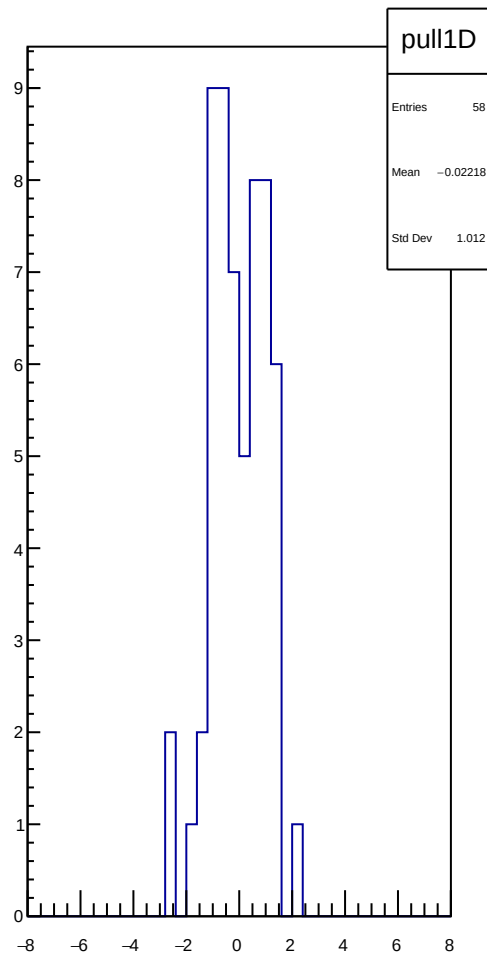
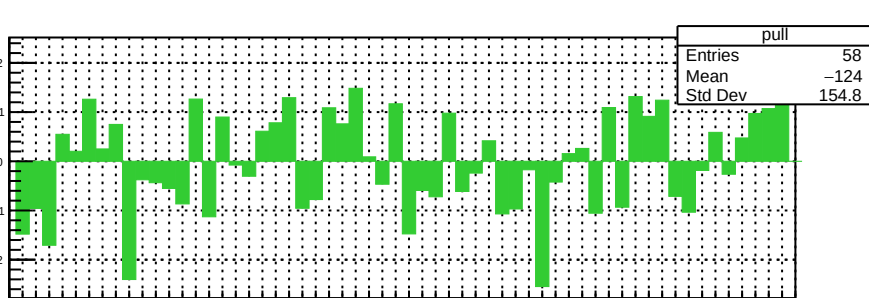
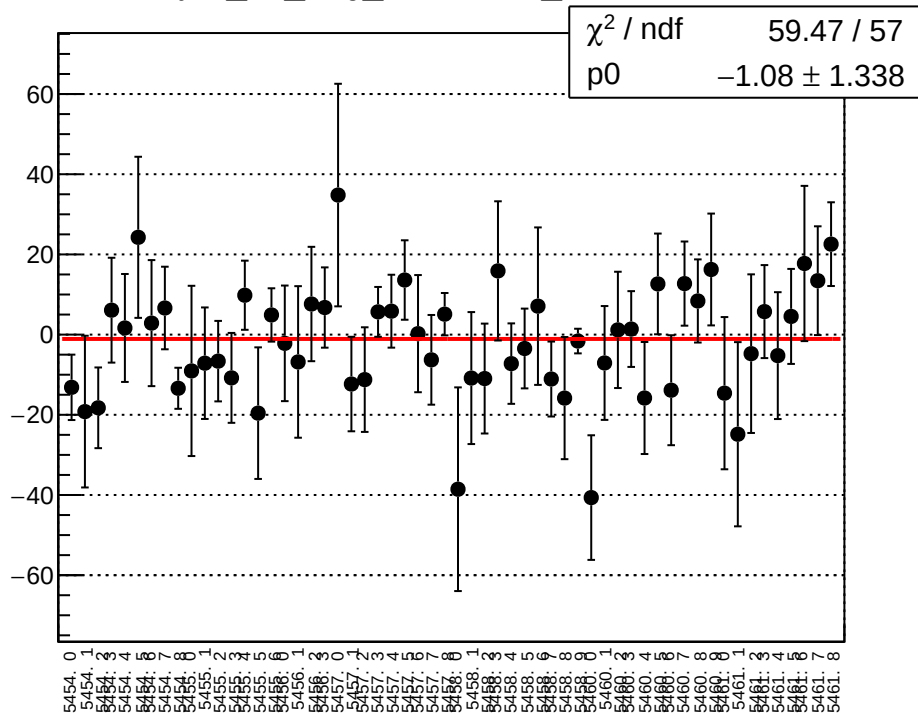
reg\_asym\_ds\_avg\_mean vs run



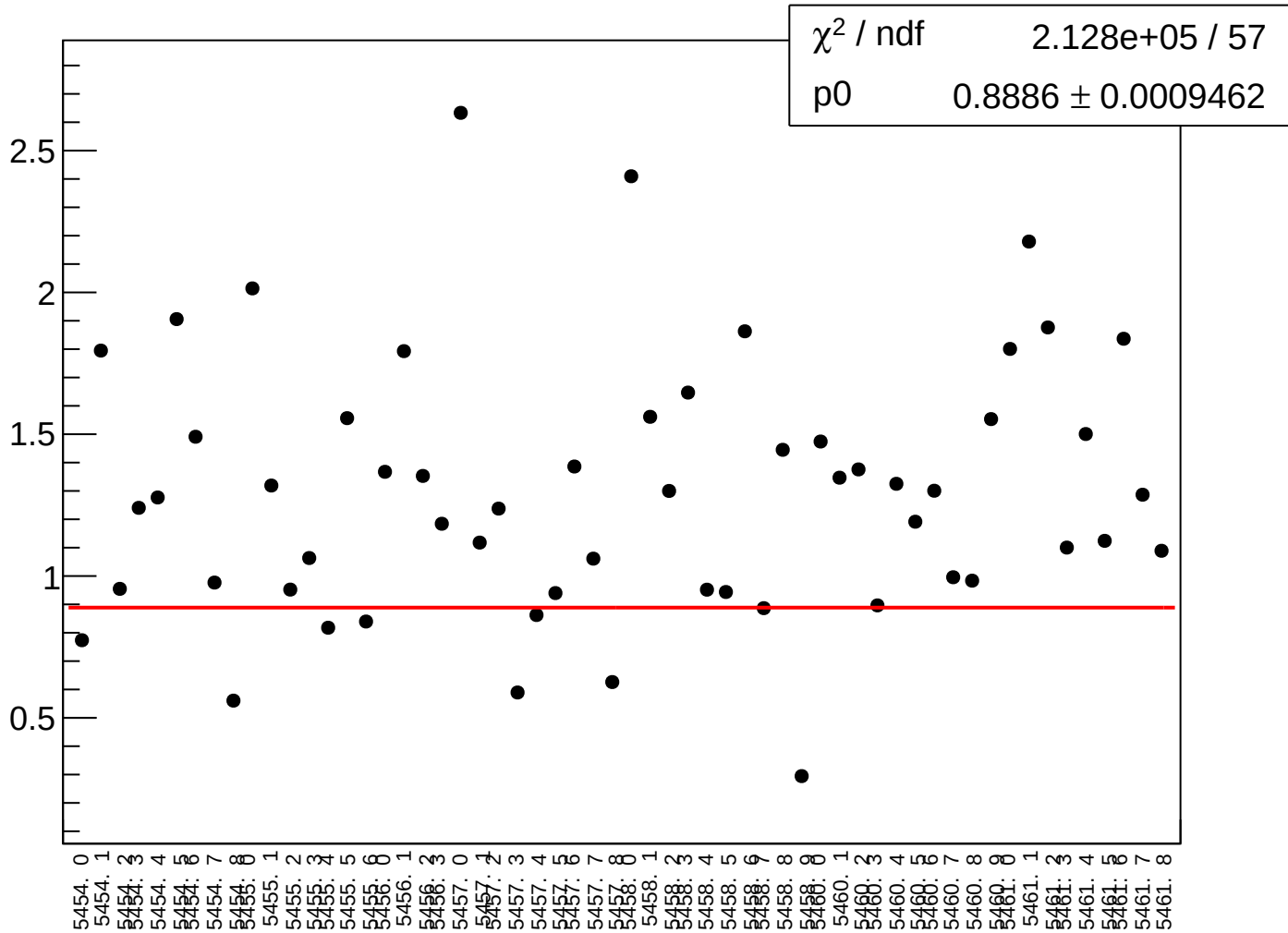
# reg\_asym\_ds\_avg\_rms vs run



asym\_ds\_avg\_correction\_mean vs run

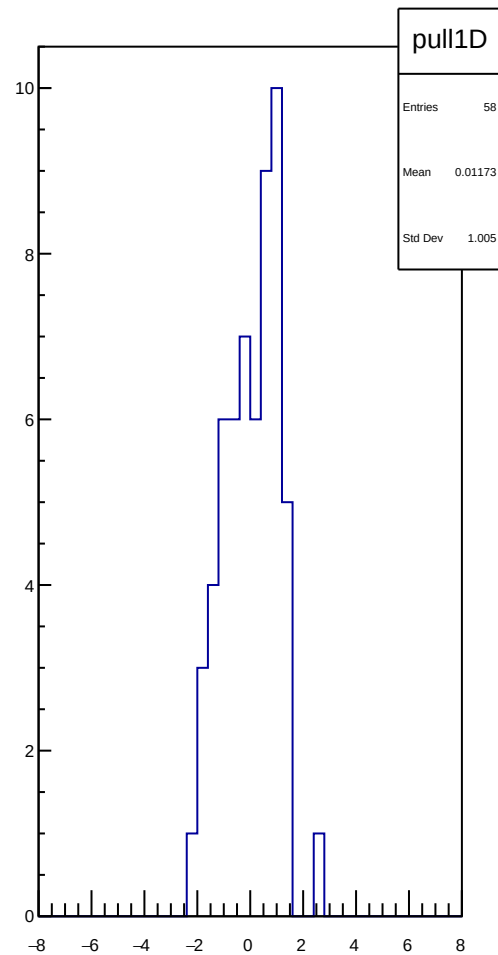
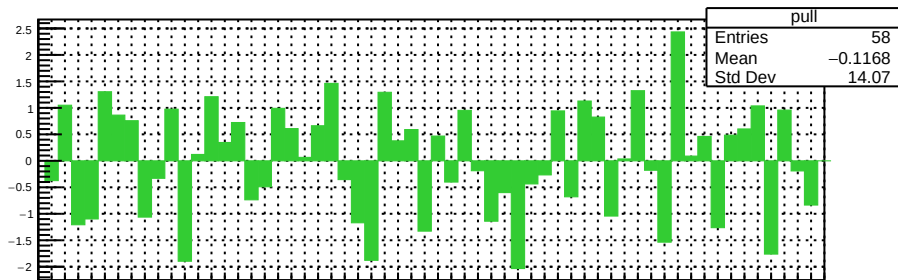
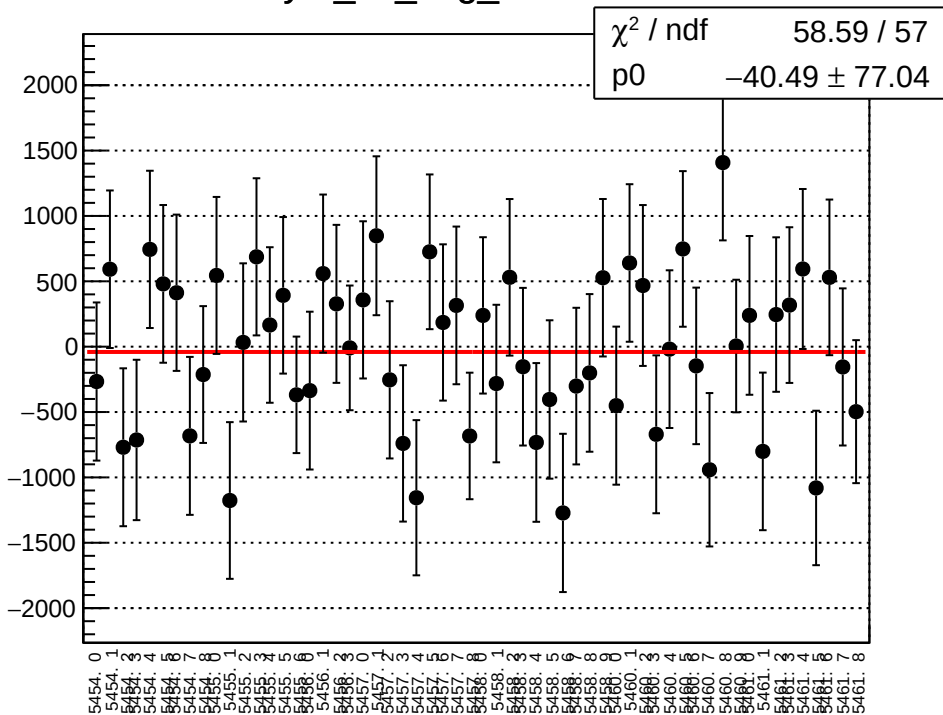


# asym\_ds\_avg\_correction\_rms vs run

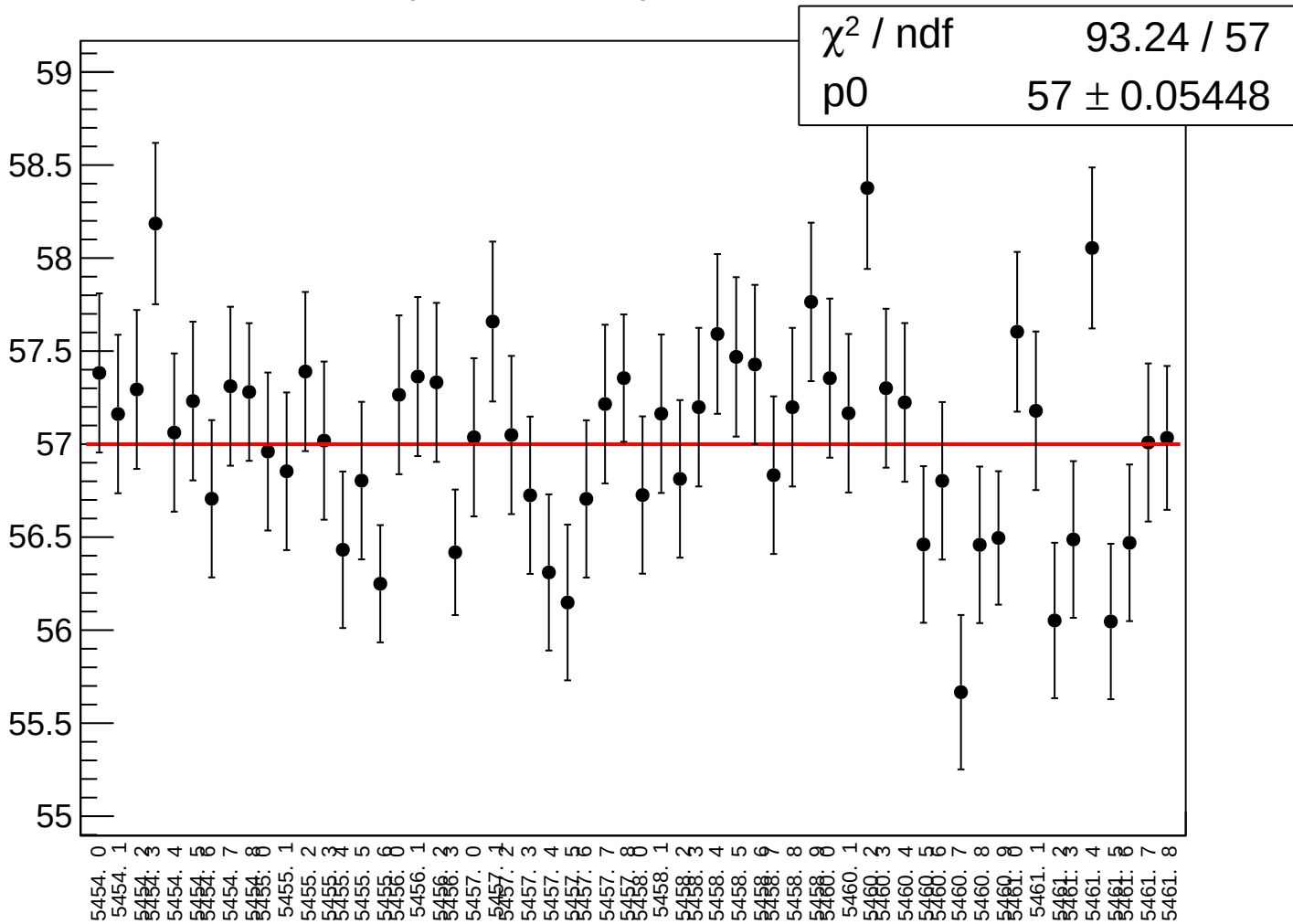




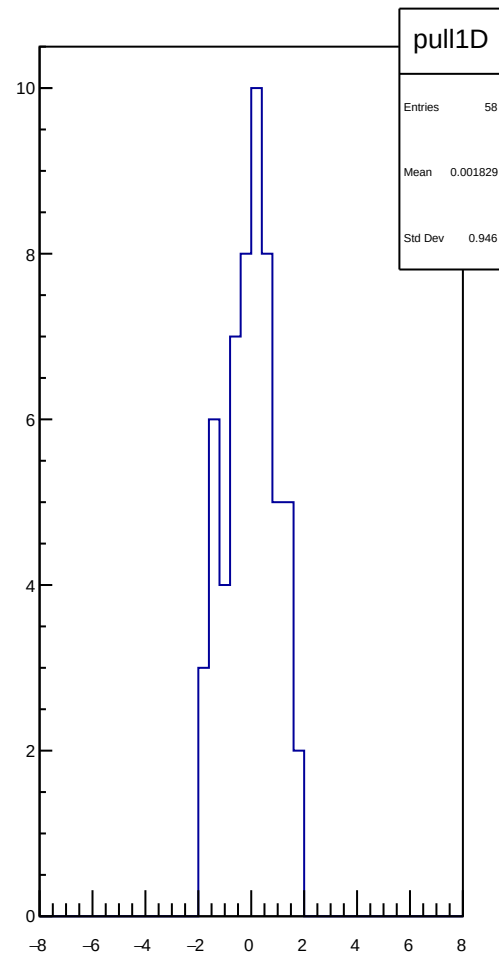
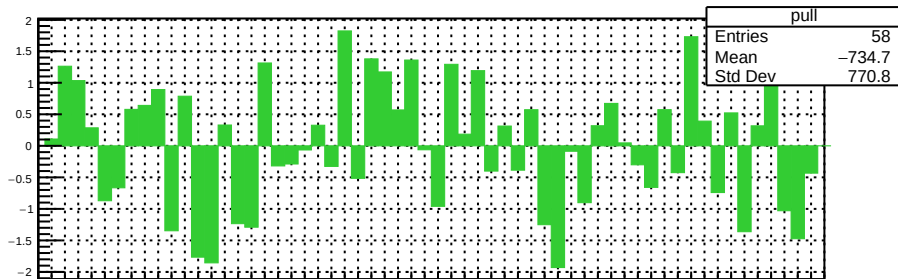
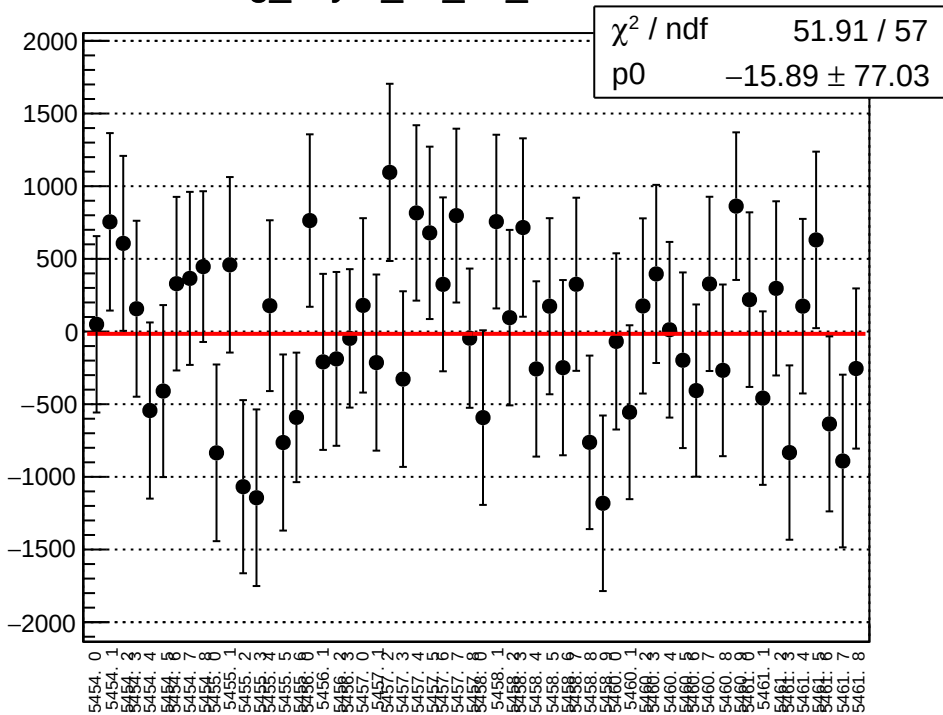
# asym\_ds\_avg\_mean vs run



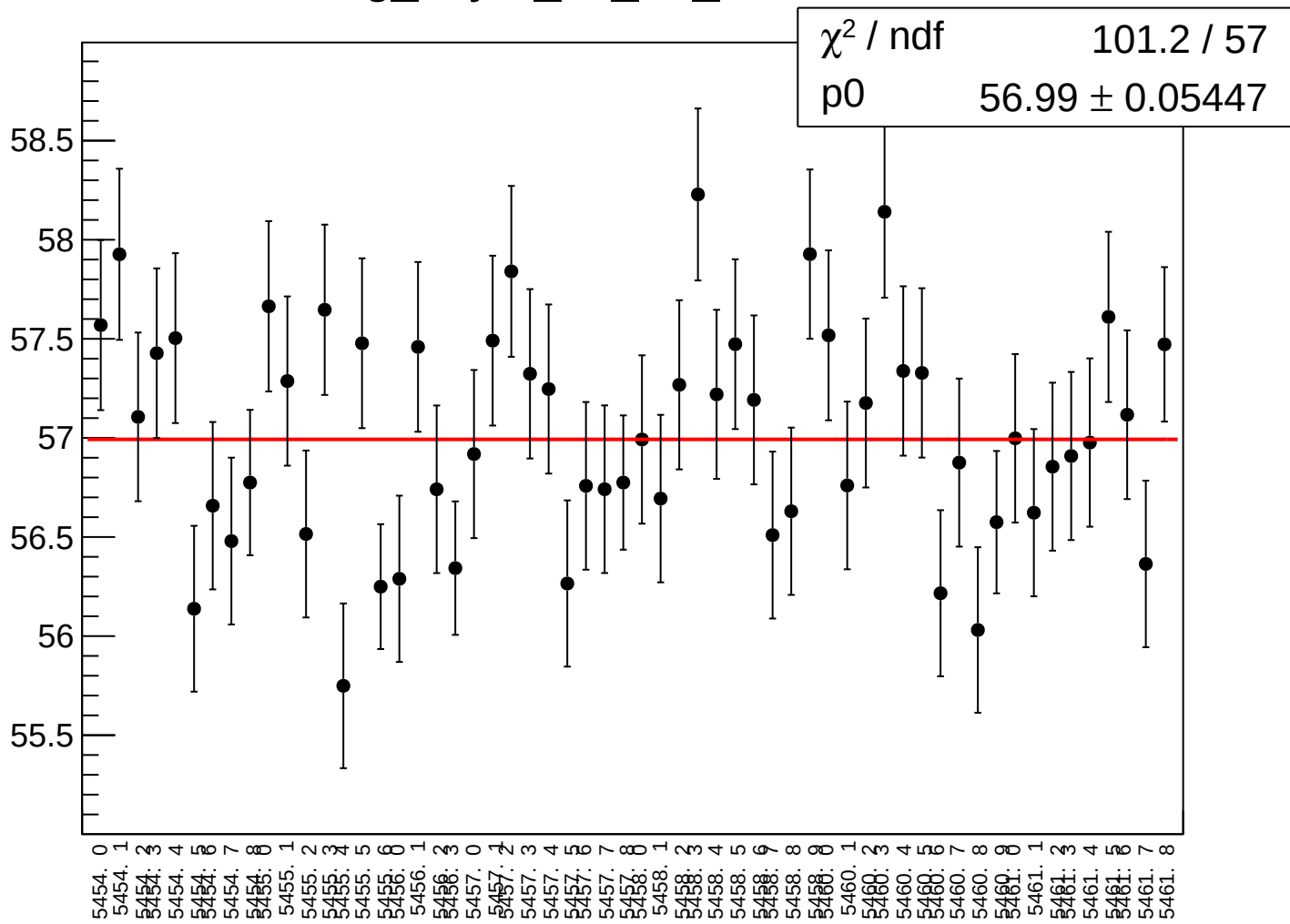
# asym\_ds\_avg\_rms vs run



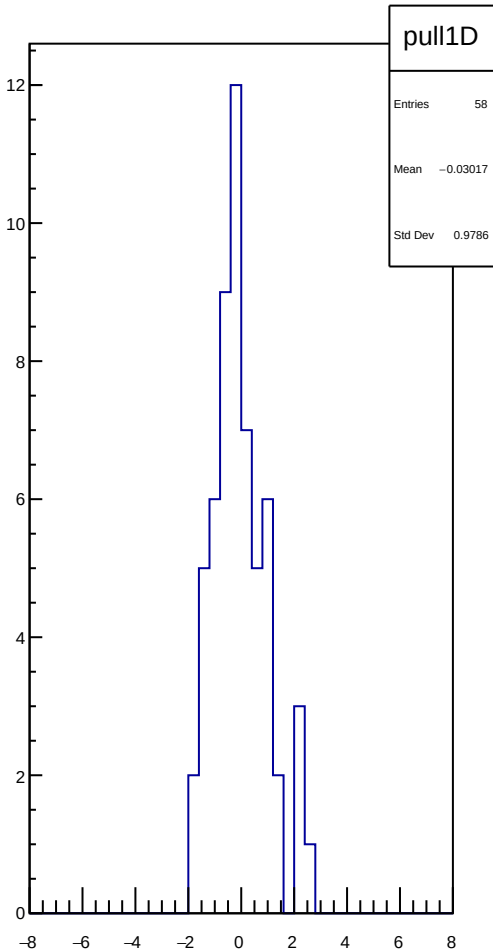
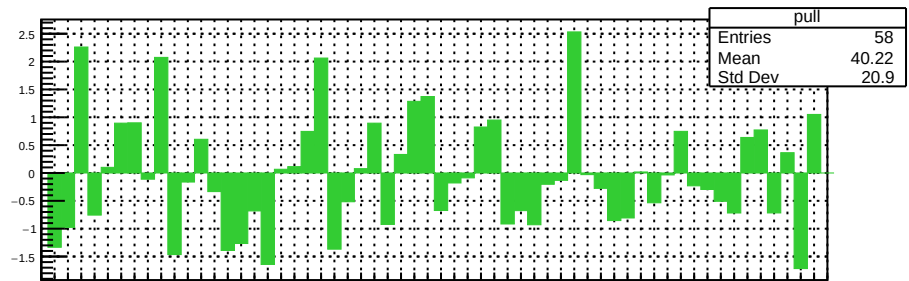
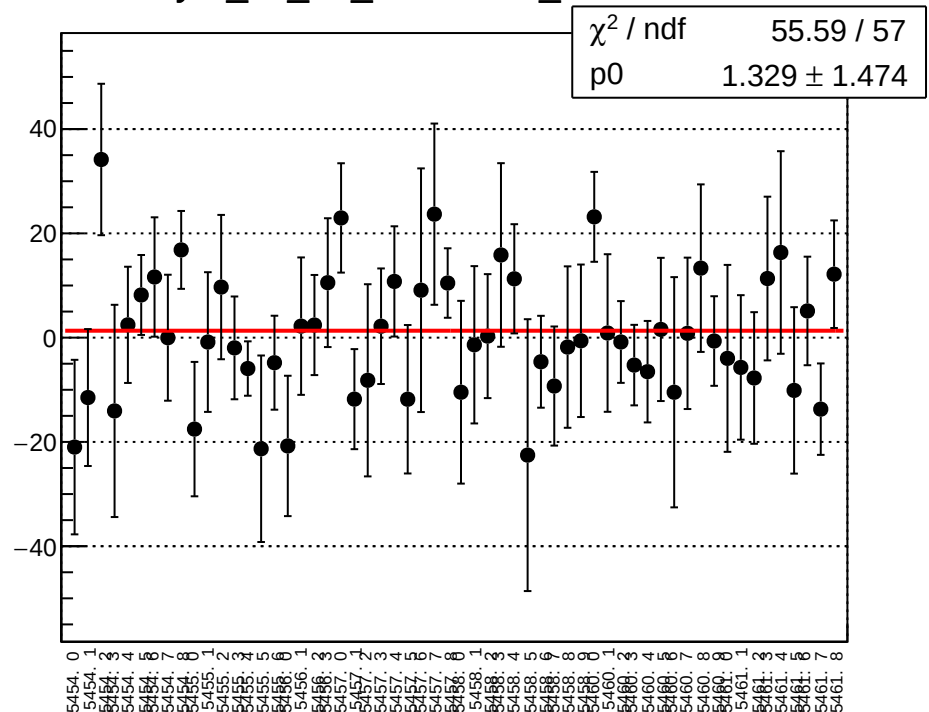
# reg\_asym\_ds\_dd\_mean vs run



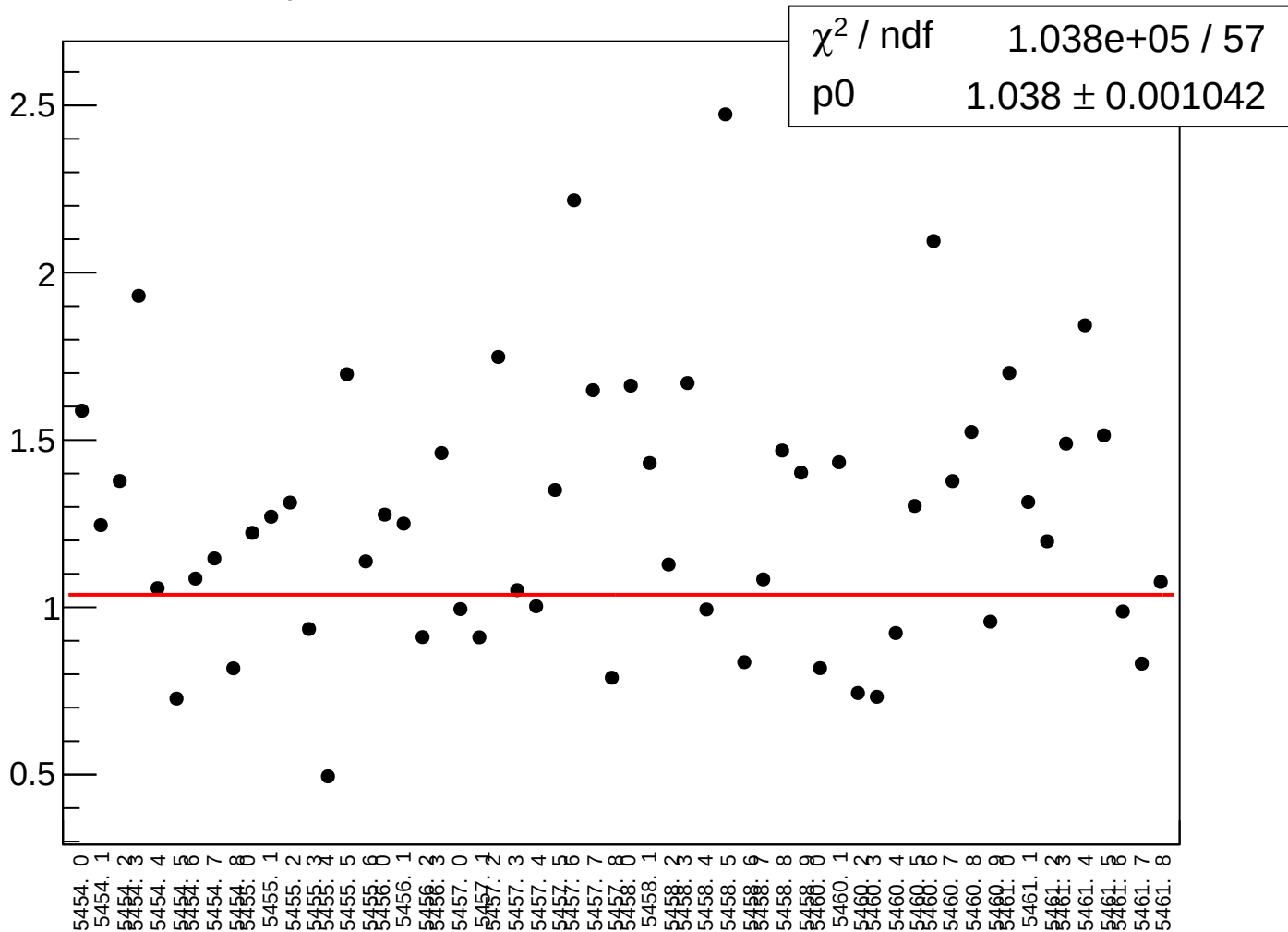
# reg\_asym\_ds\_dd\_rms vs run



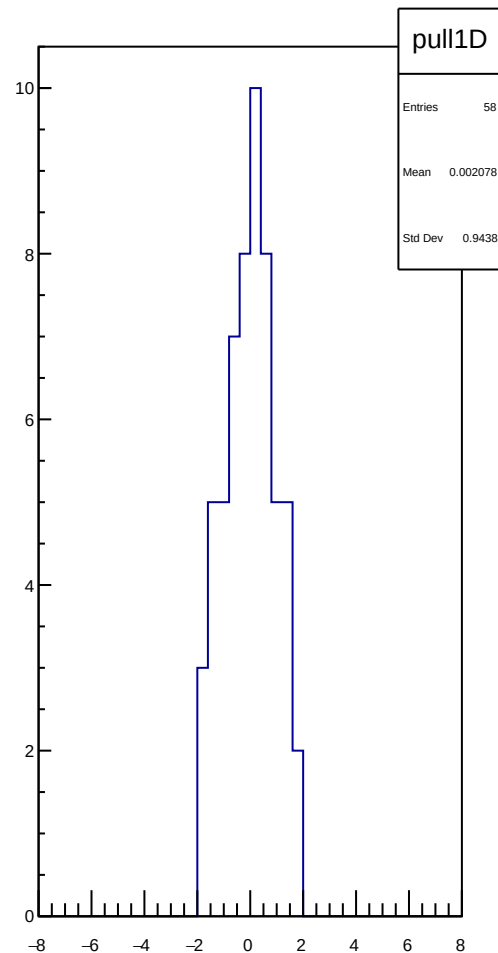
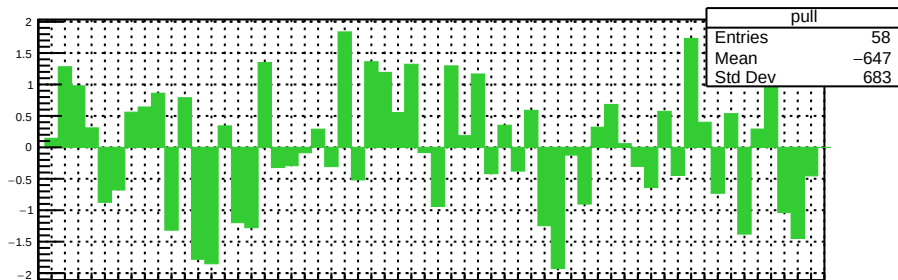
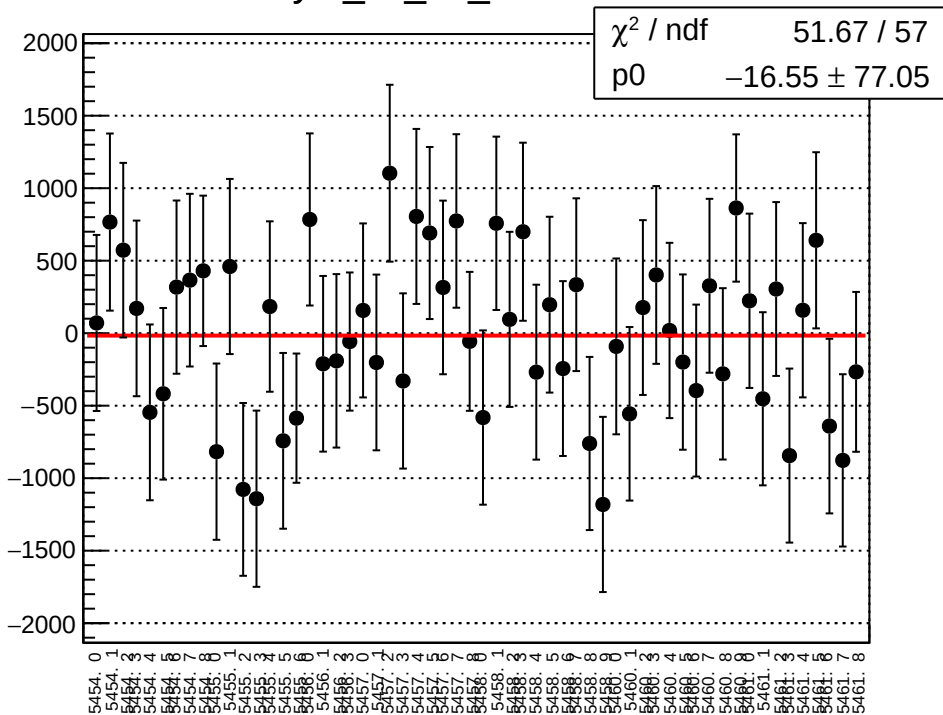
asym\_ds\_dd\_correction\_mean vs run



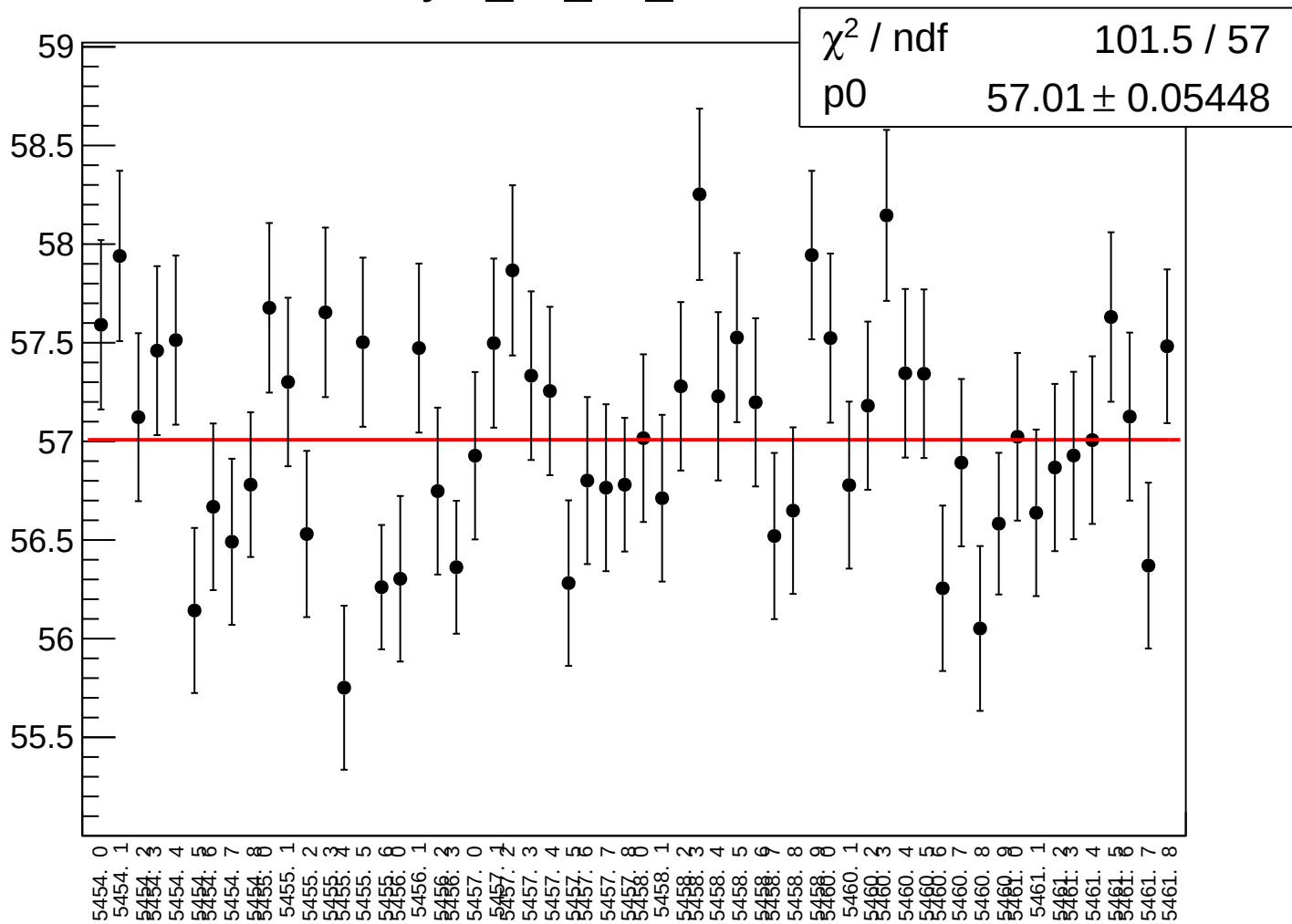
# asym\_ds\_dd\_correction\_rms vs run



asym\_ds\_dd\_mean vs run

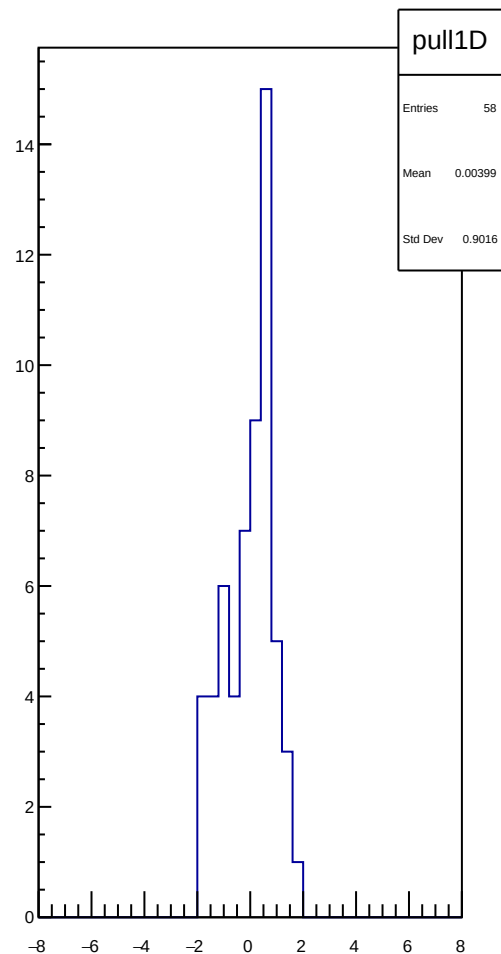
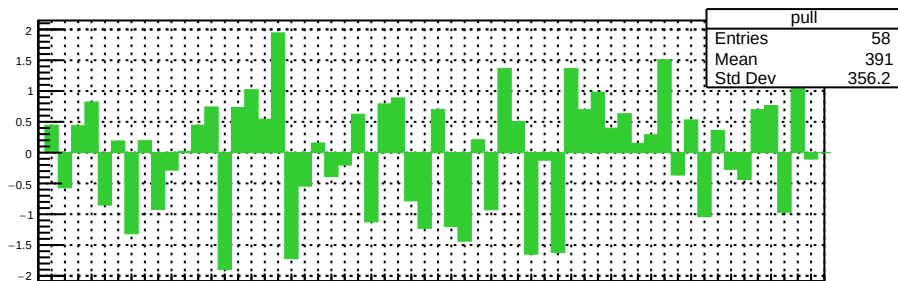
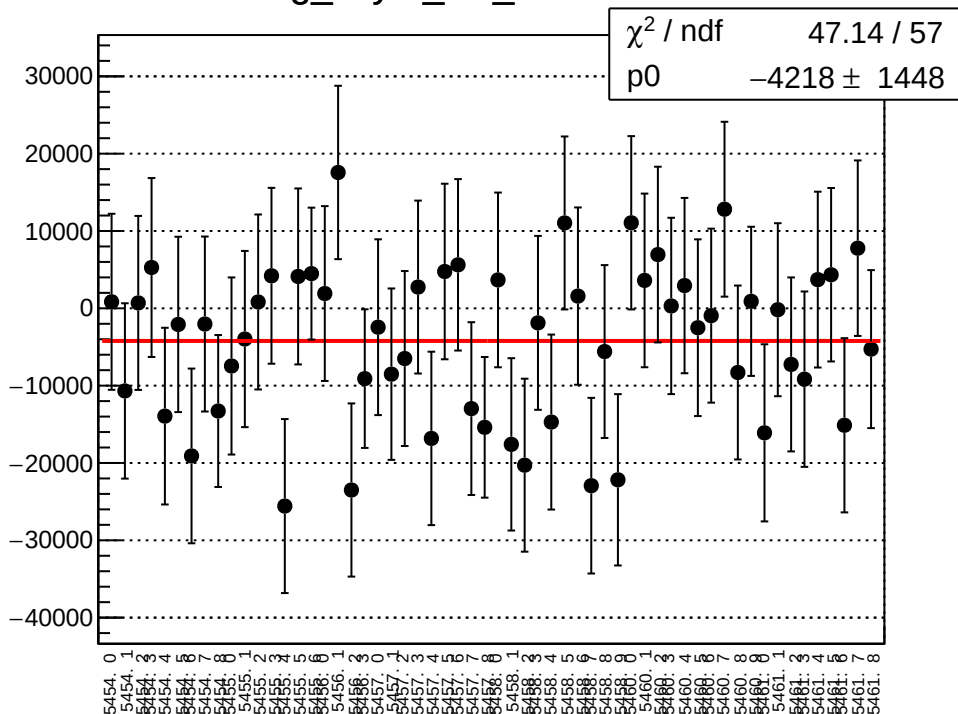


# asym\_ds\_dd\_rms vs run

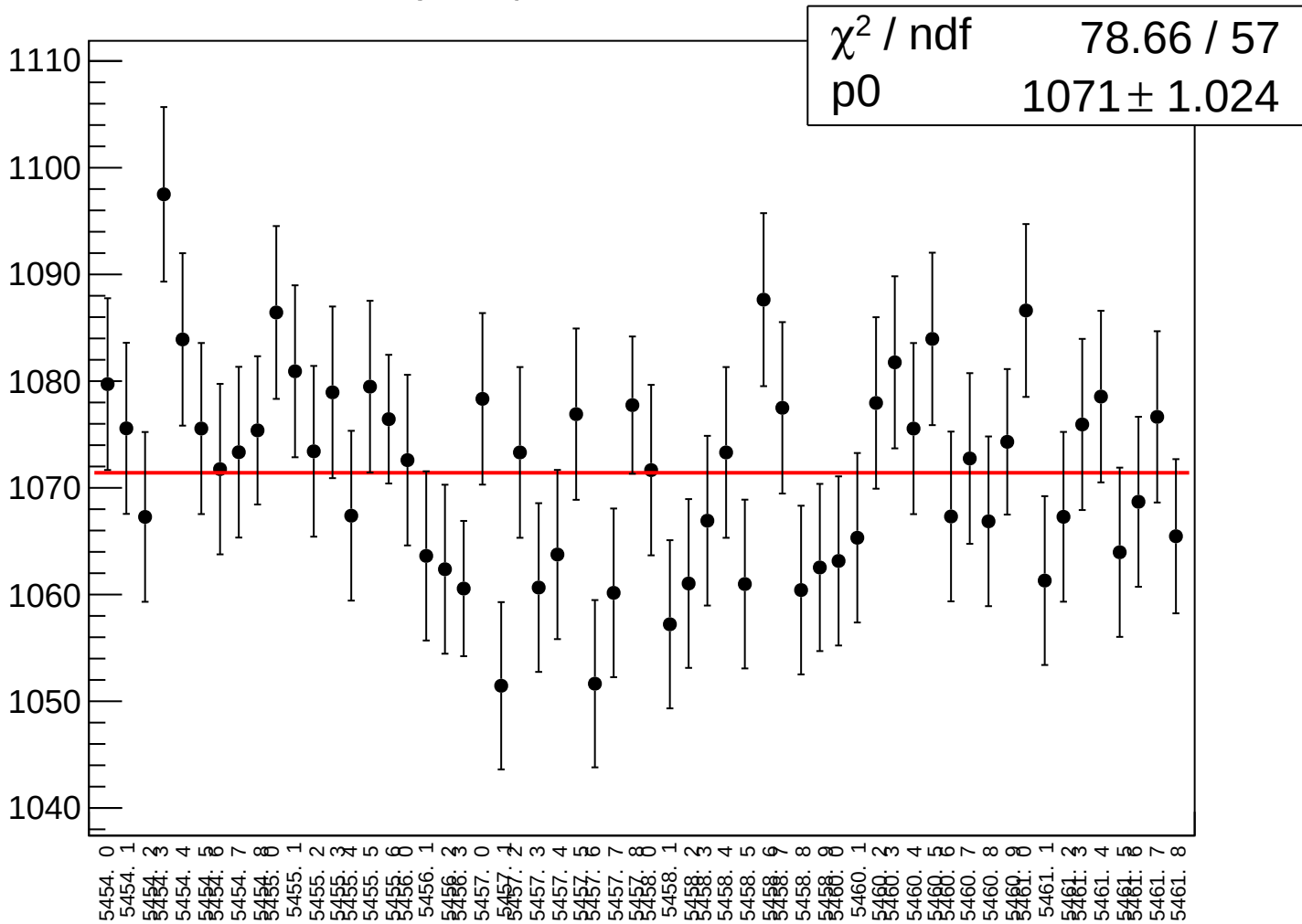




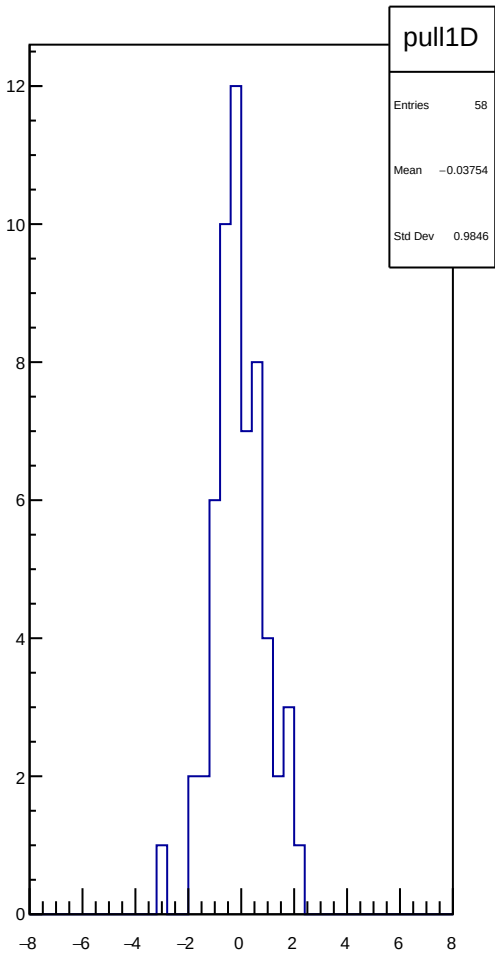
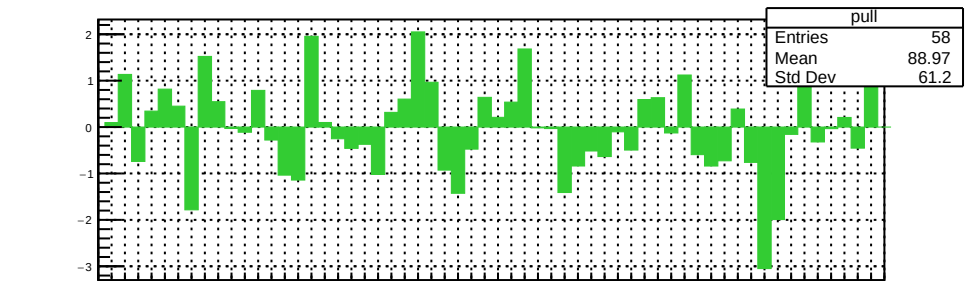
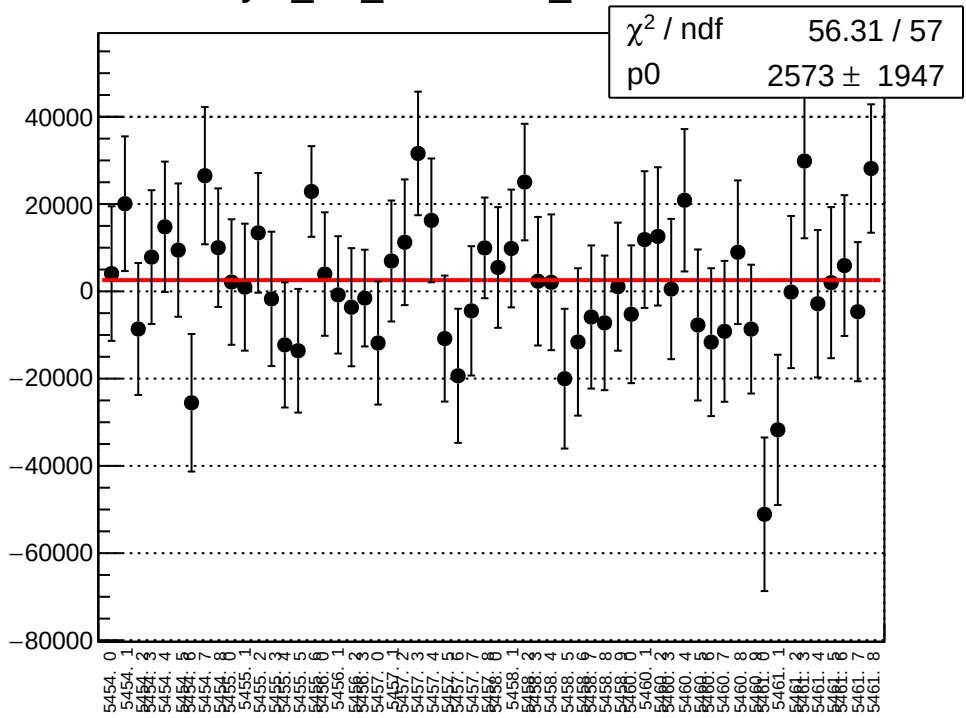
reg\_asym\_usl\_mean vs run



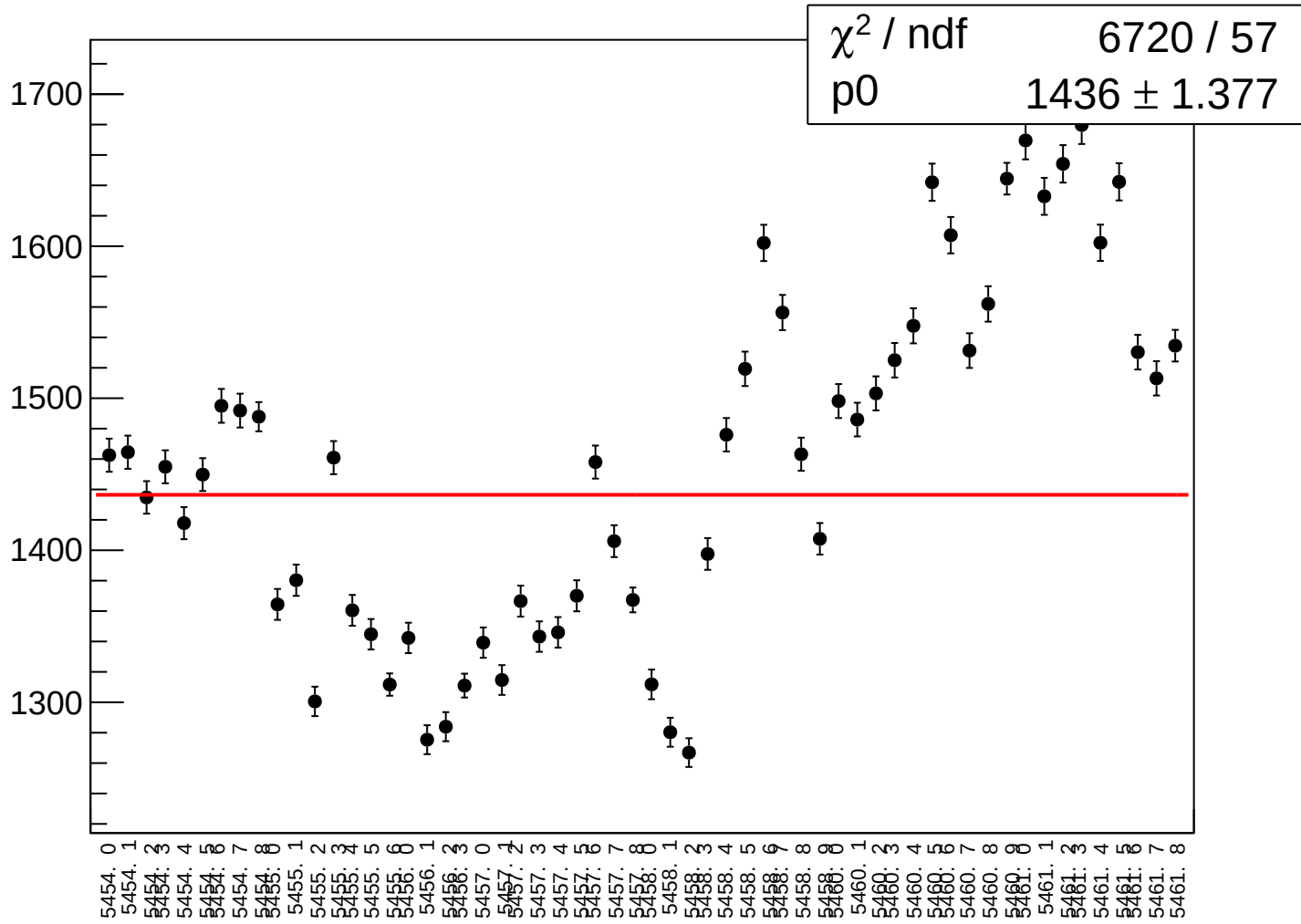
# reg\_asym\_usl\_rms vs run



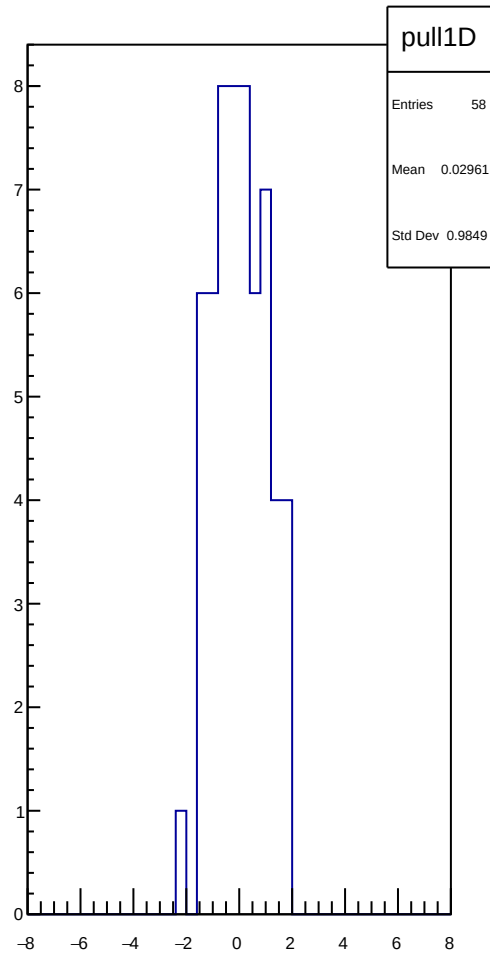
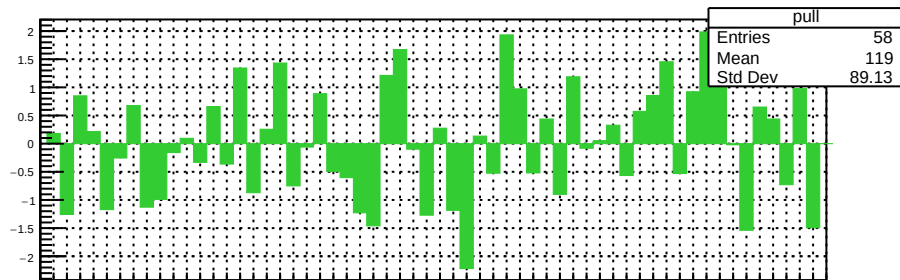
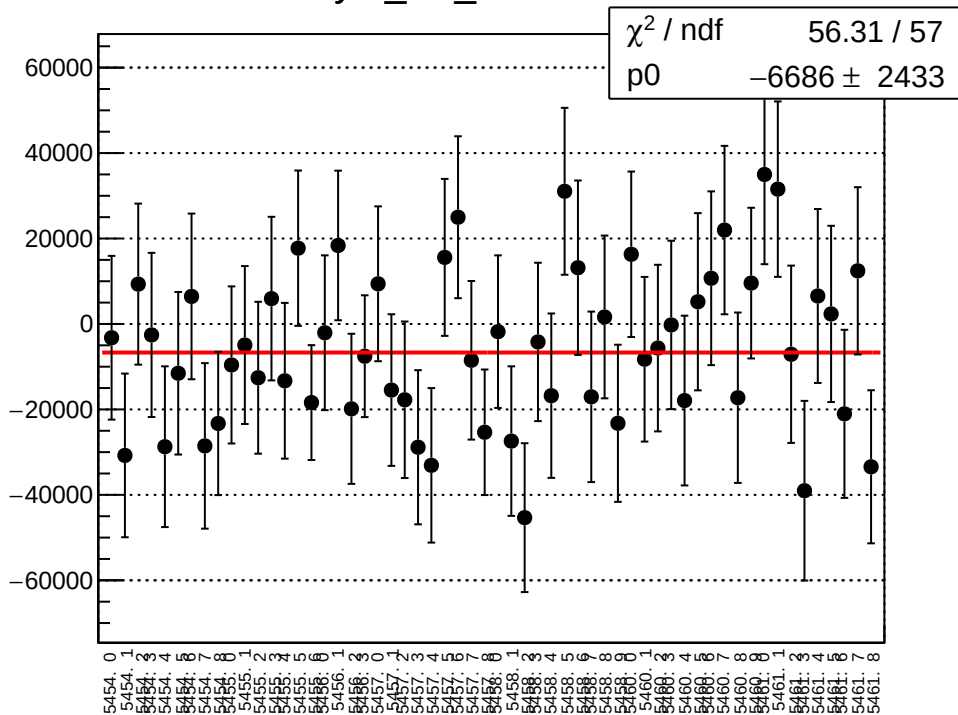
asym\_usl\_correction\_mean vs run



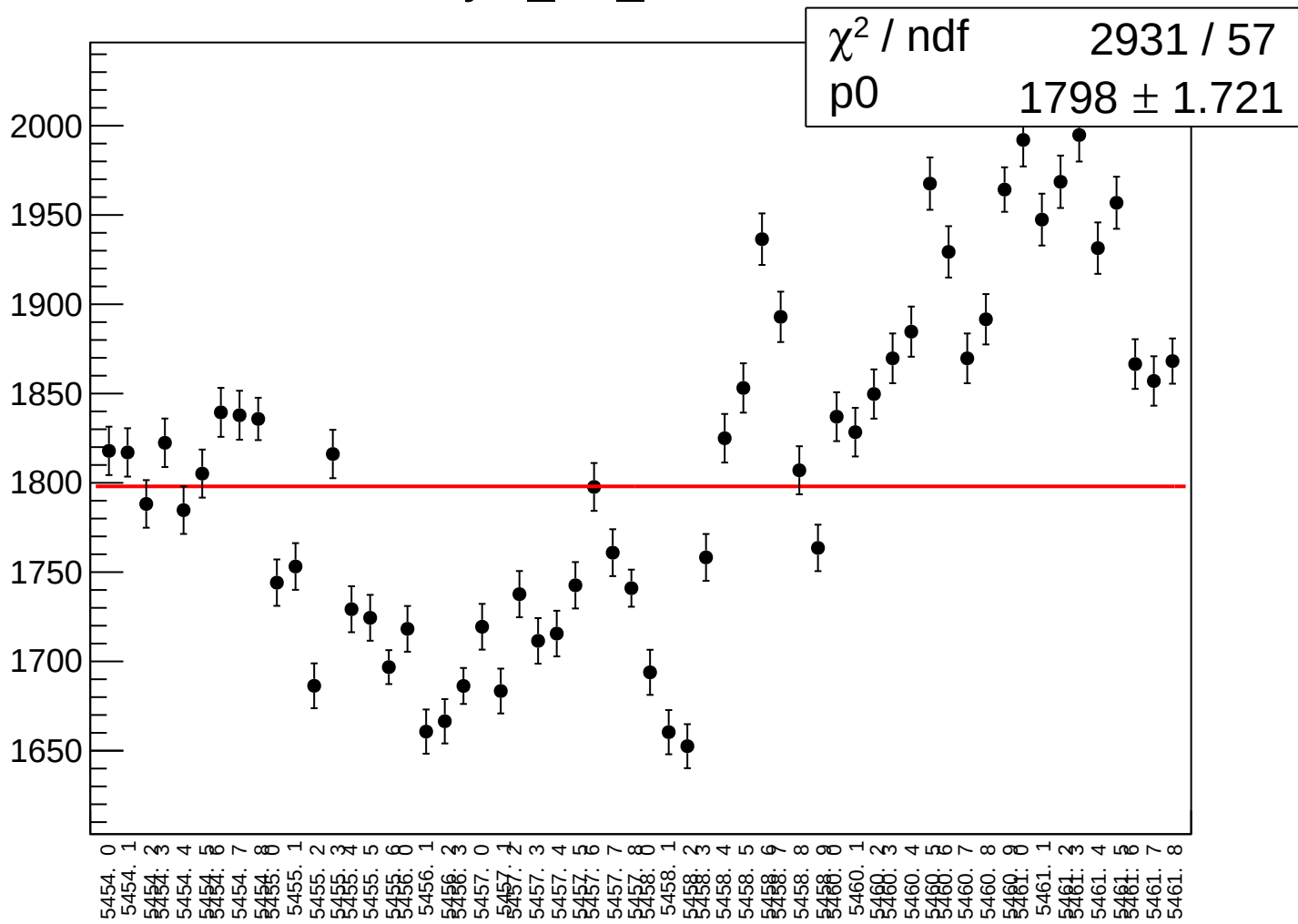
# asym\_usl\_correction\_rms vs run



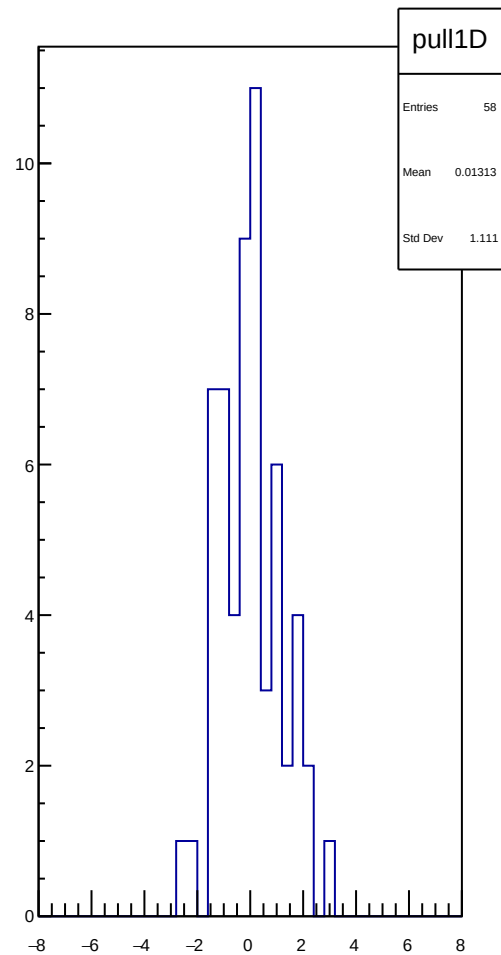
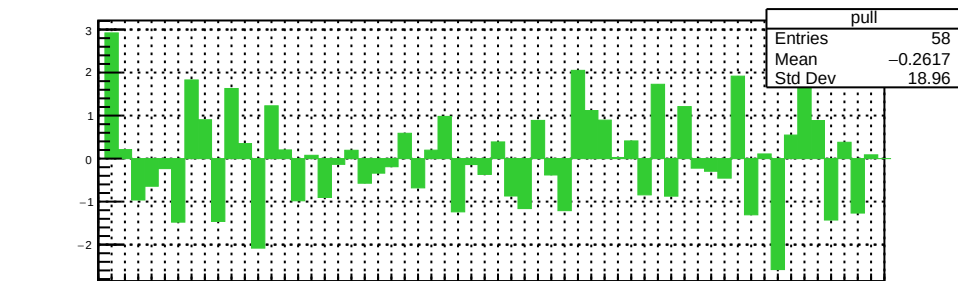
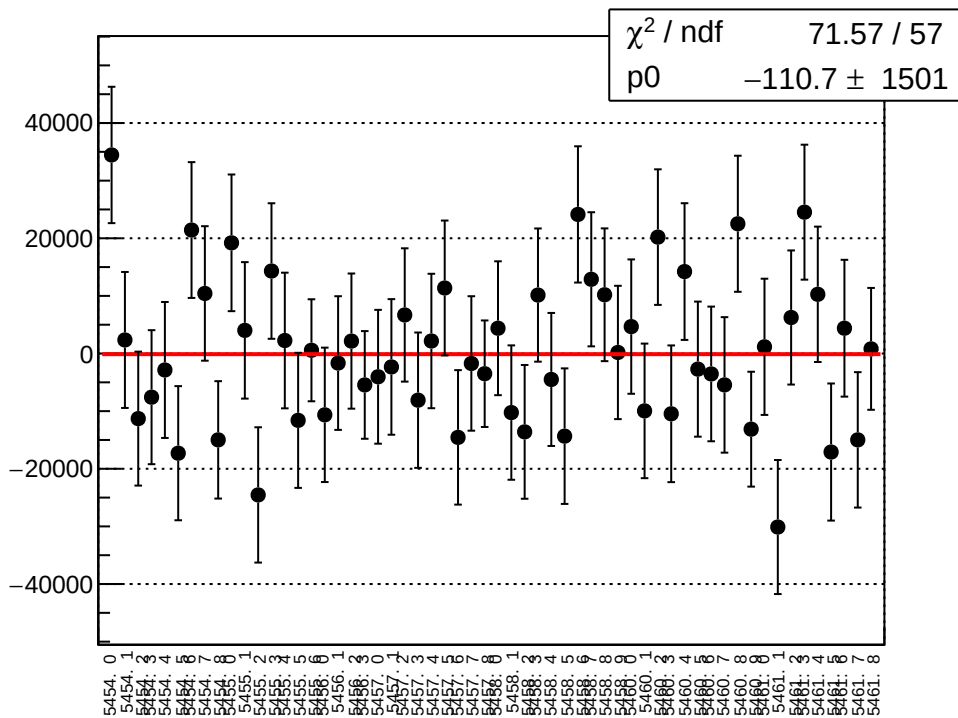
asym\_usl\_mean vs run



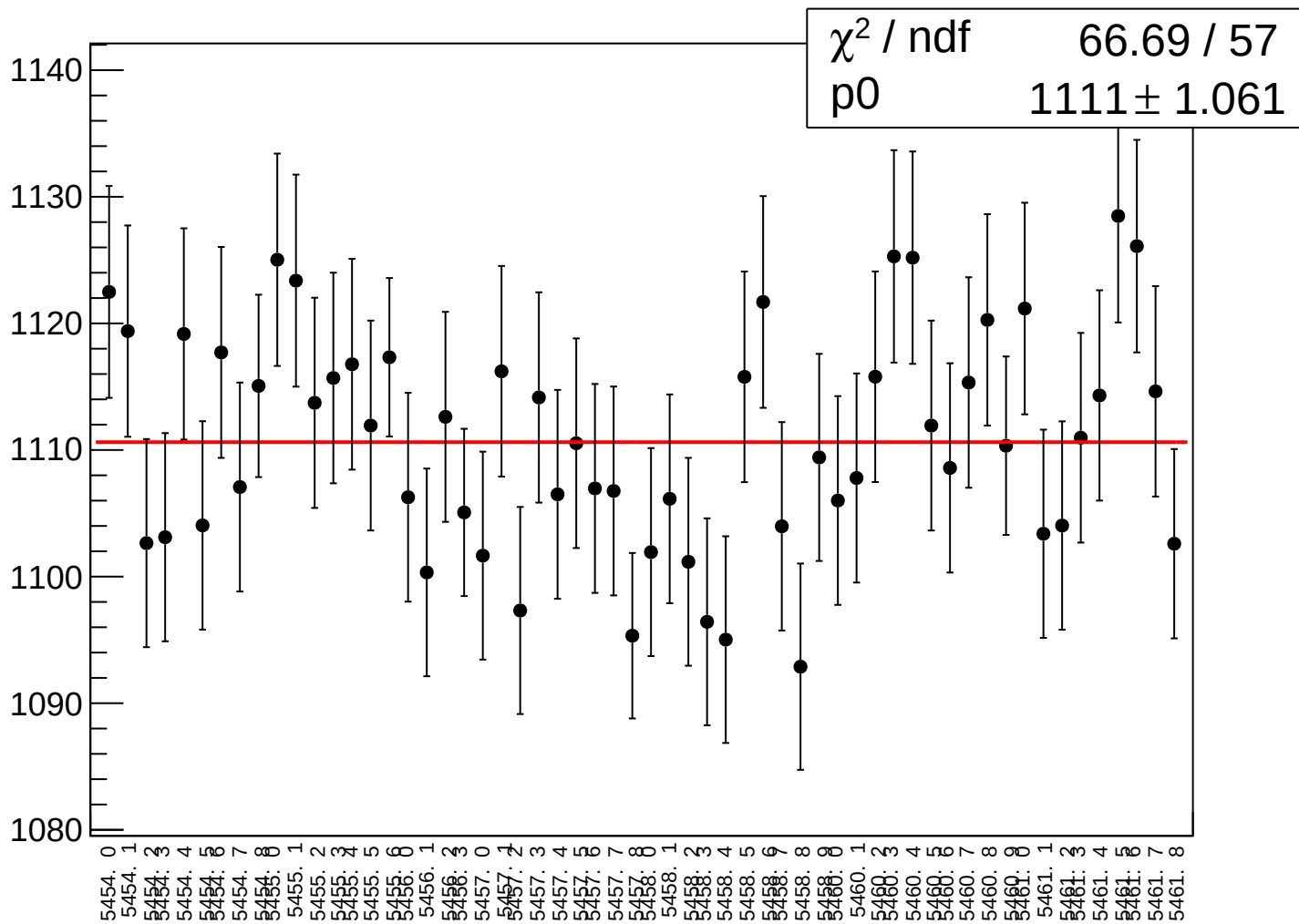
# asym\_usl\_rms vs run



reg\_asym\_usr\_mean vs run

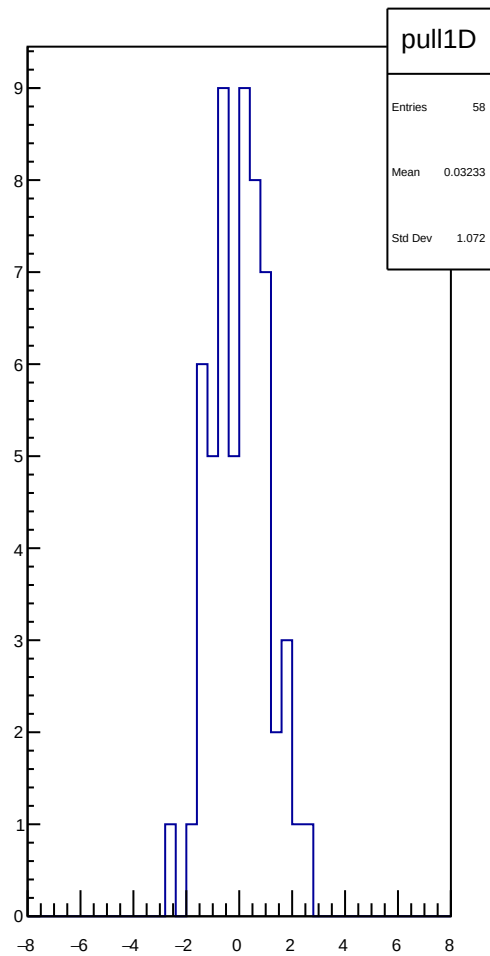
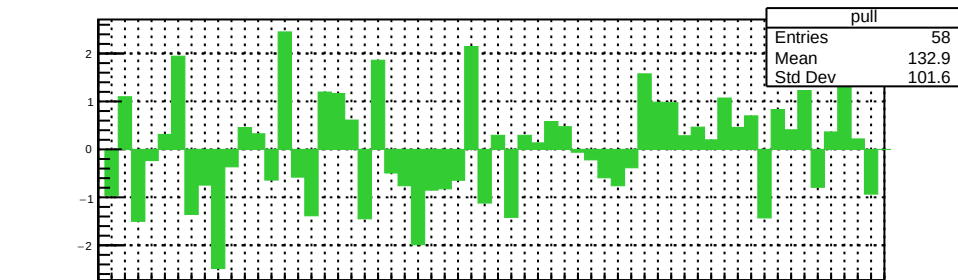
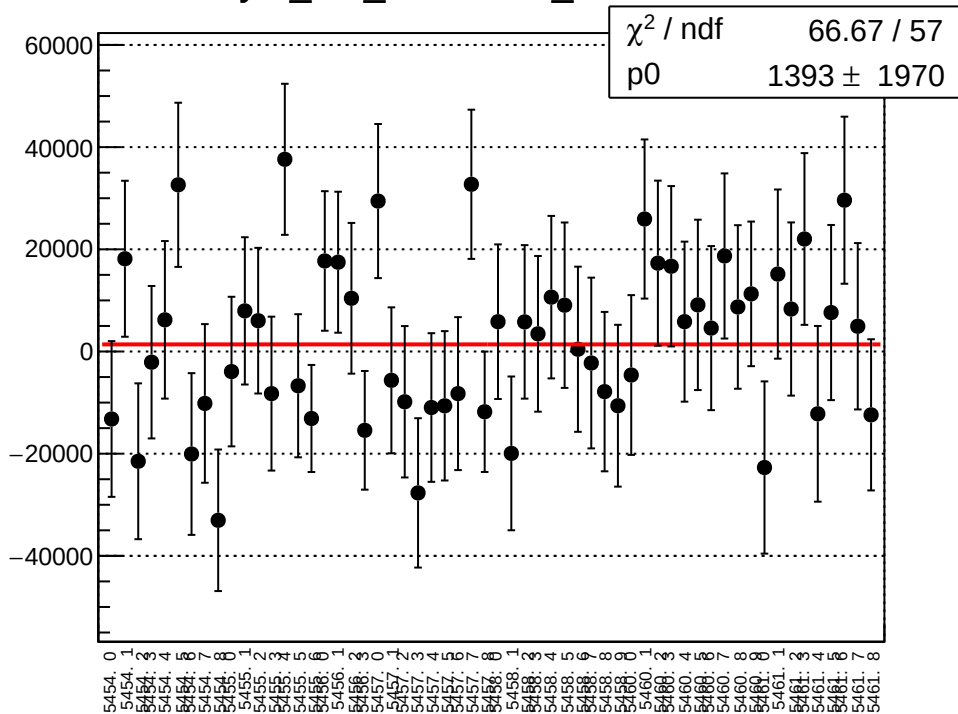


reg\_asym\_usr\_rms vs run

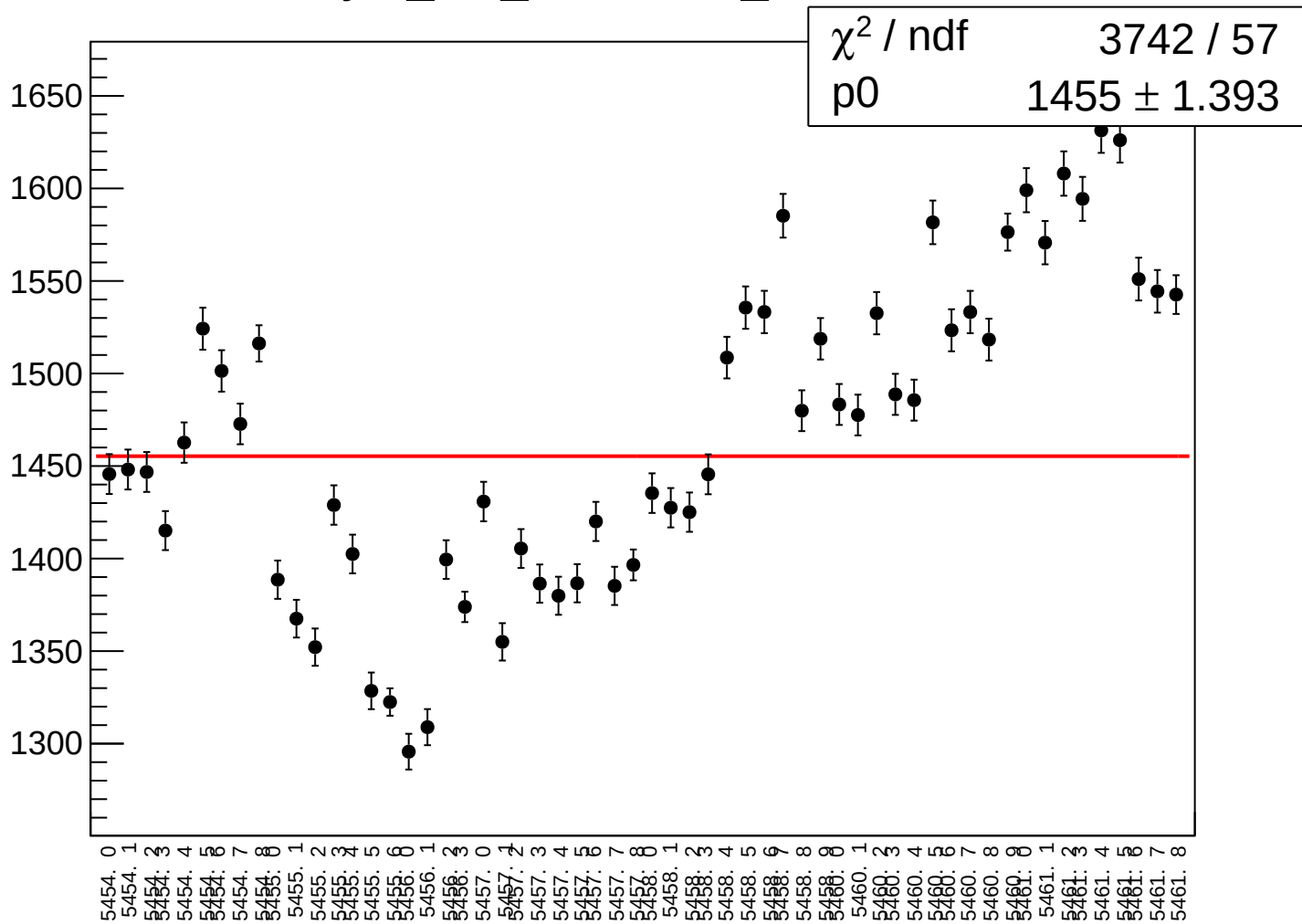




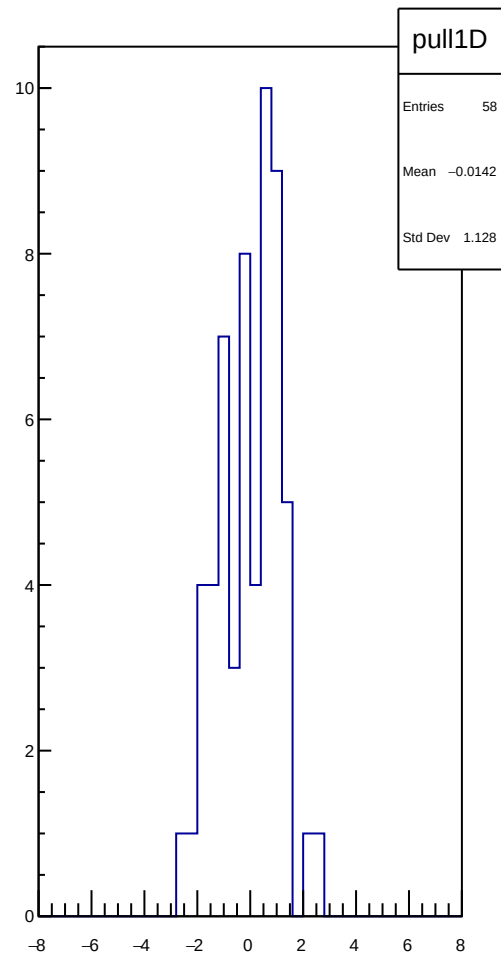
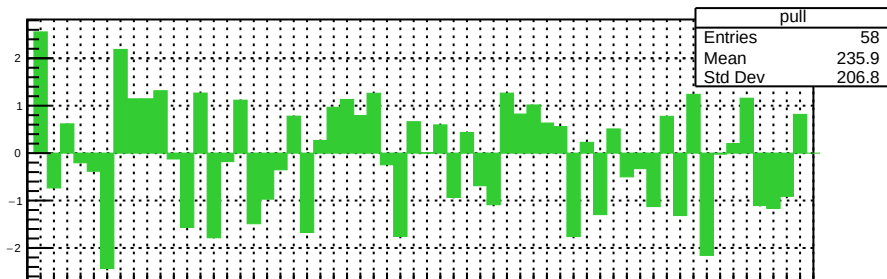
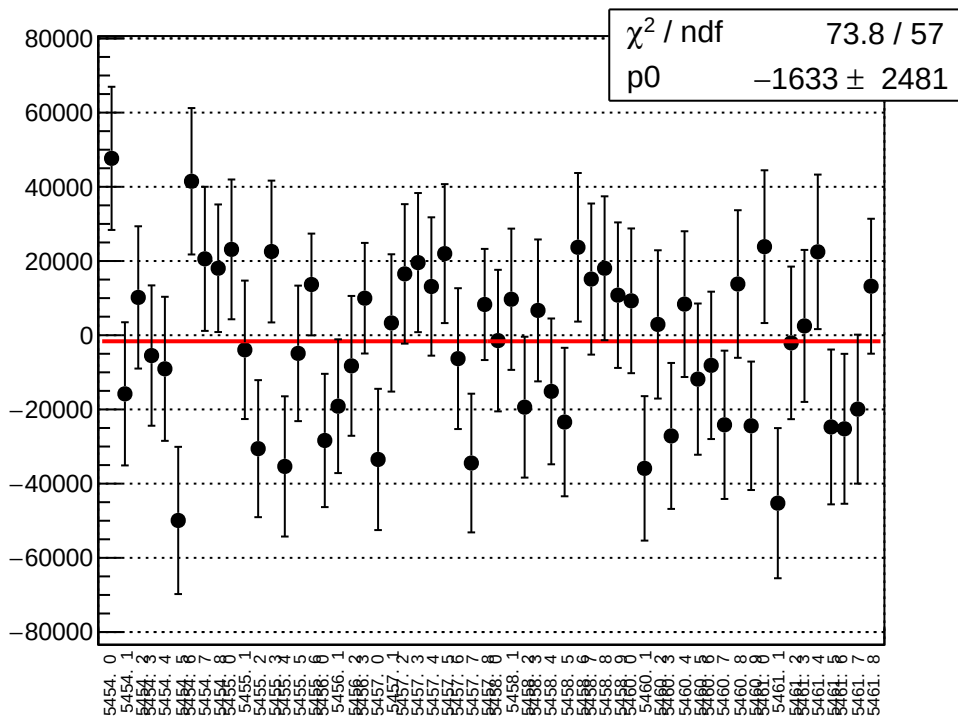
## asym\_usr\_correction\_mean vs run



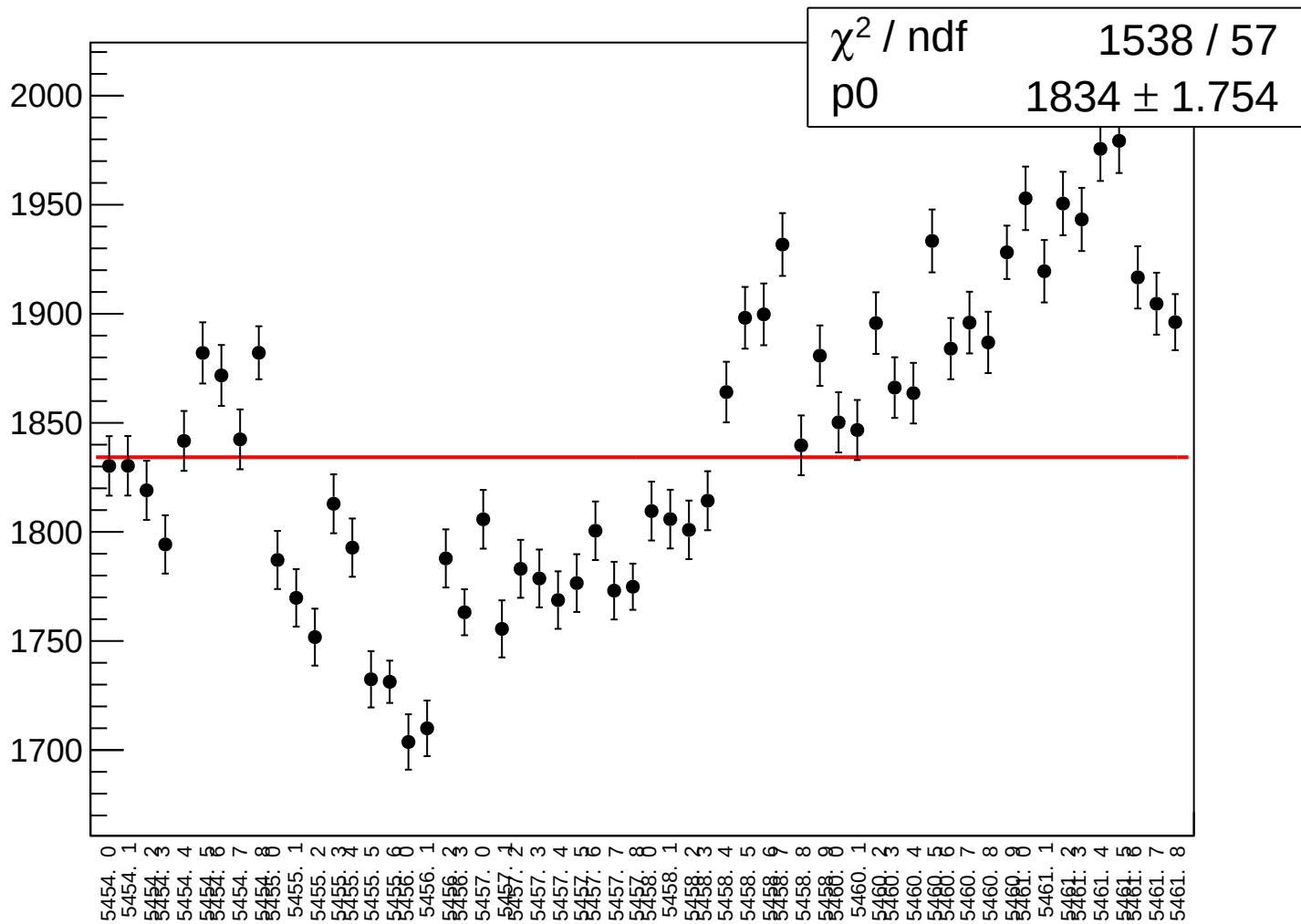
# asym\_usr\_correction\_rms vs run



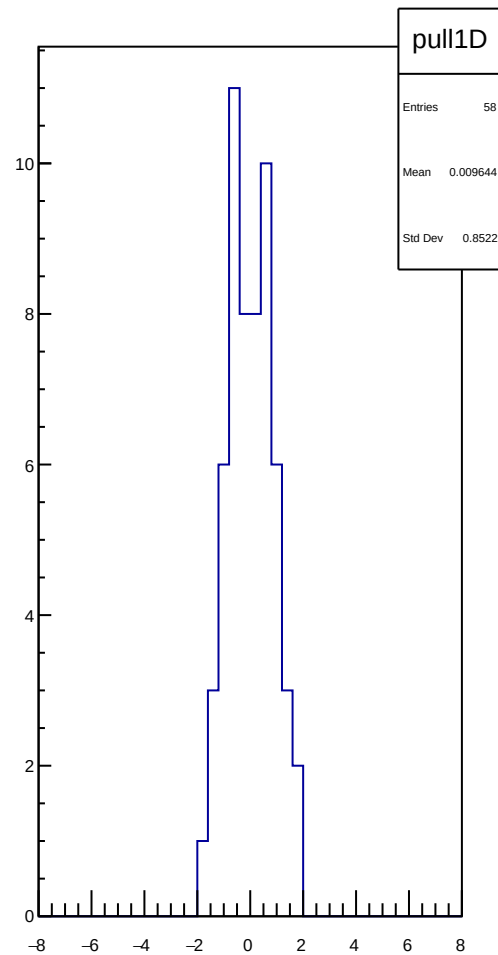
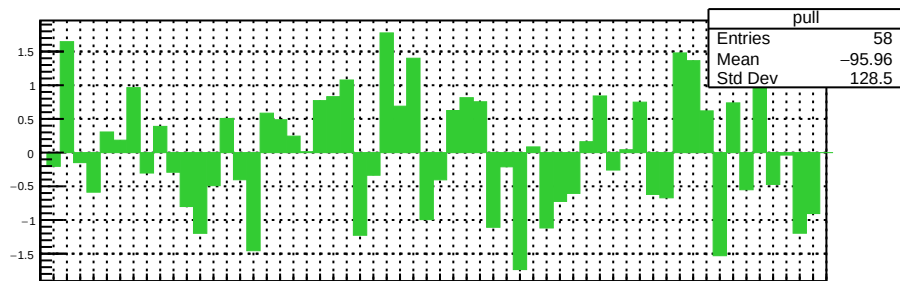
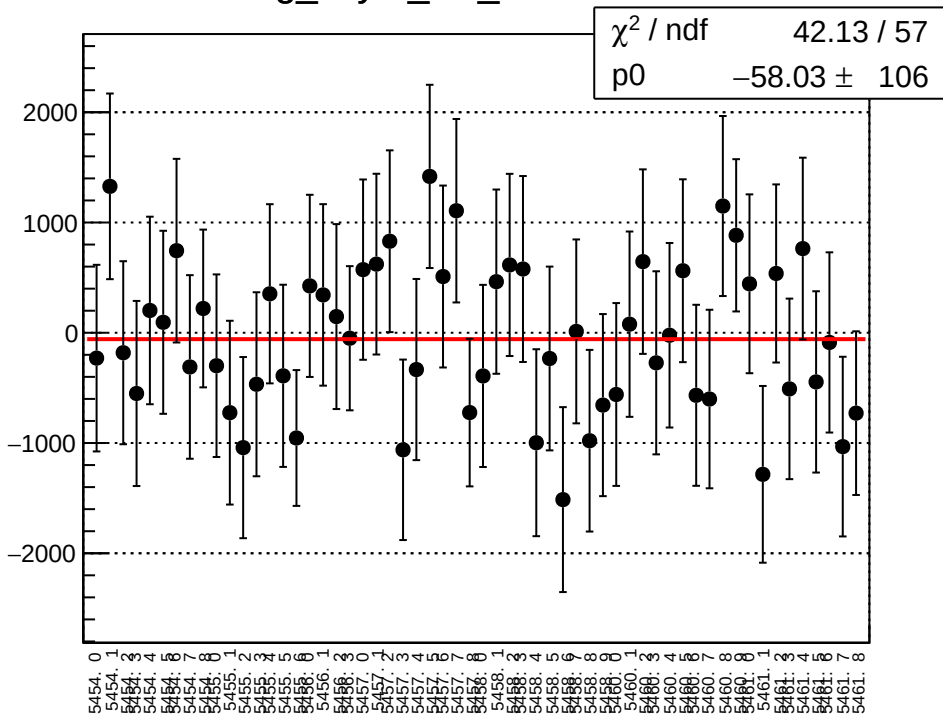
asym\_usr\_mean vs run



# asym\_usr\_rms vs run



# reg\_asym\_dsl\_mean vs run



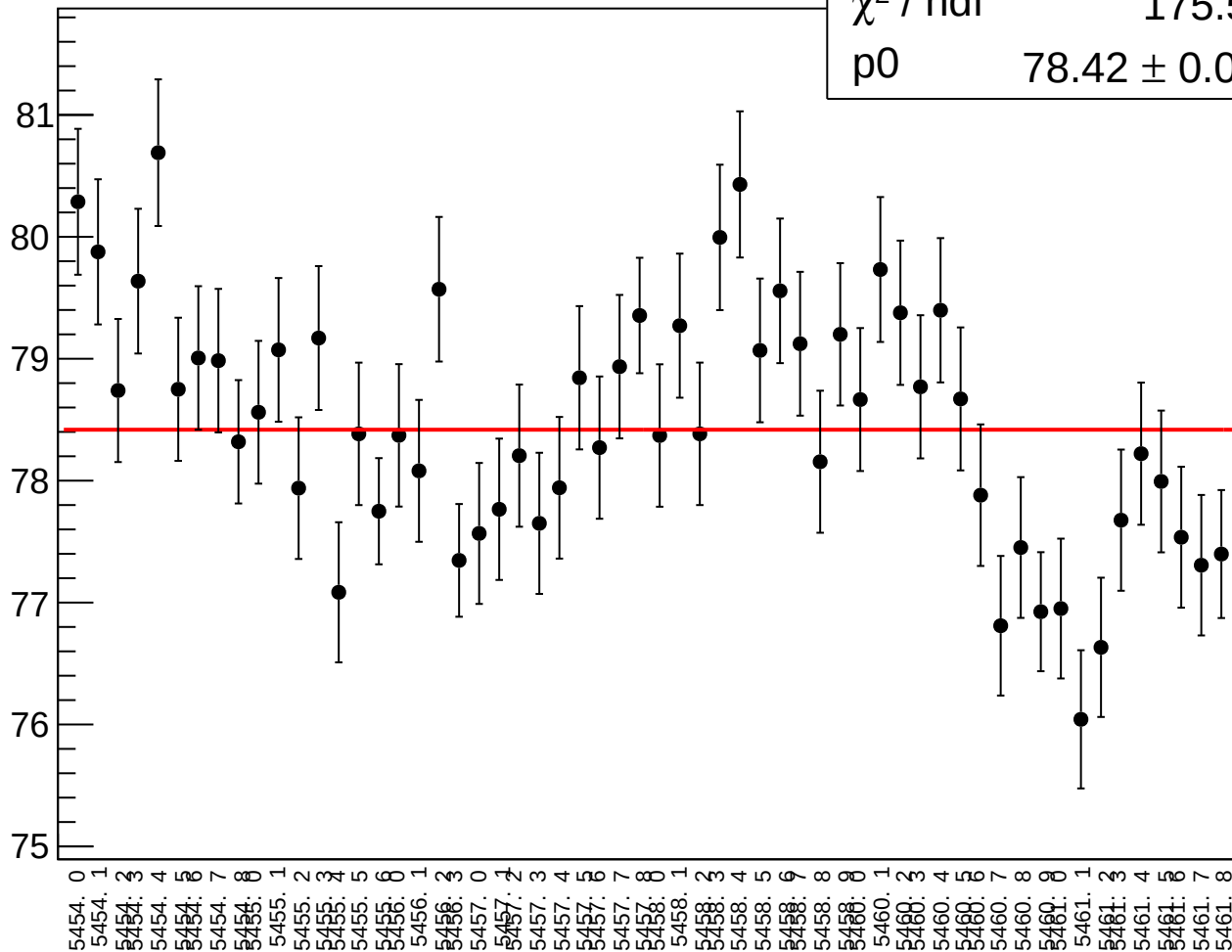
# reg\_asym\_dsl\_rms vs run

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

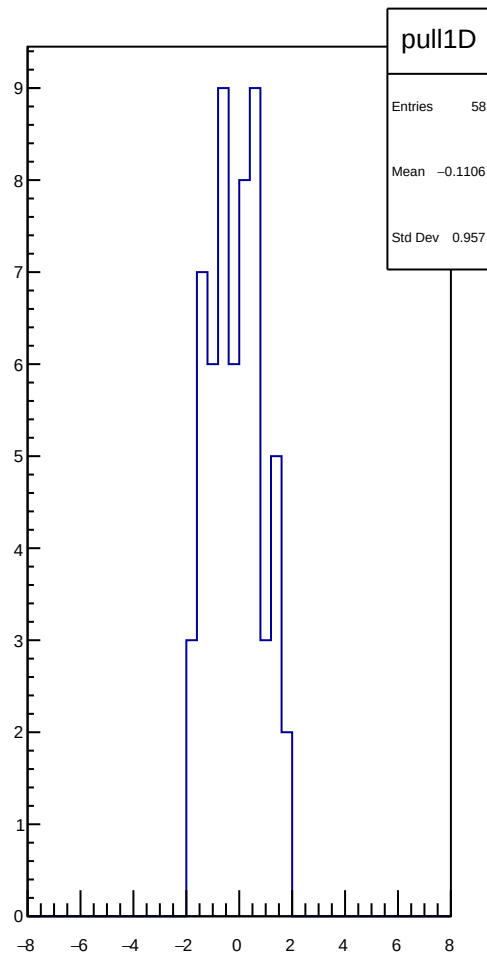
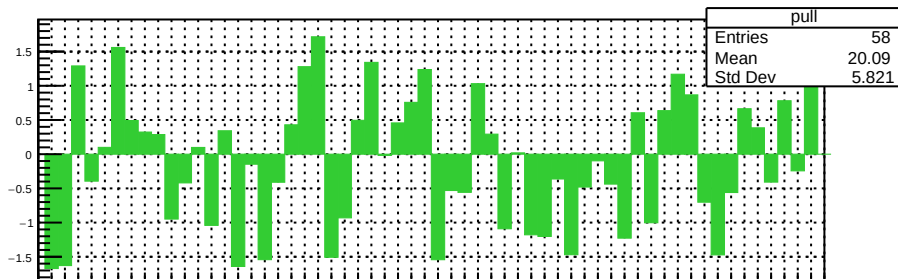
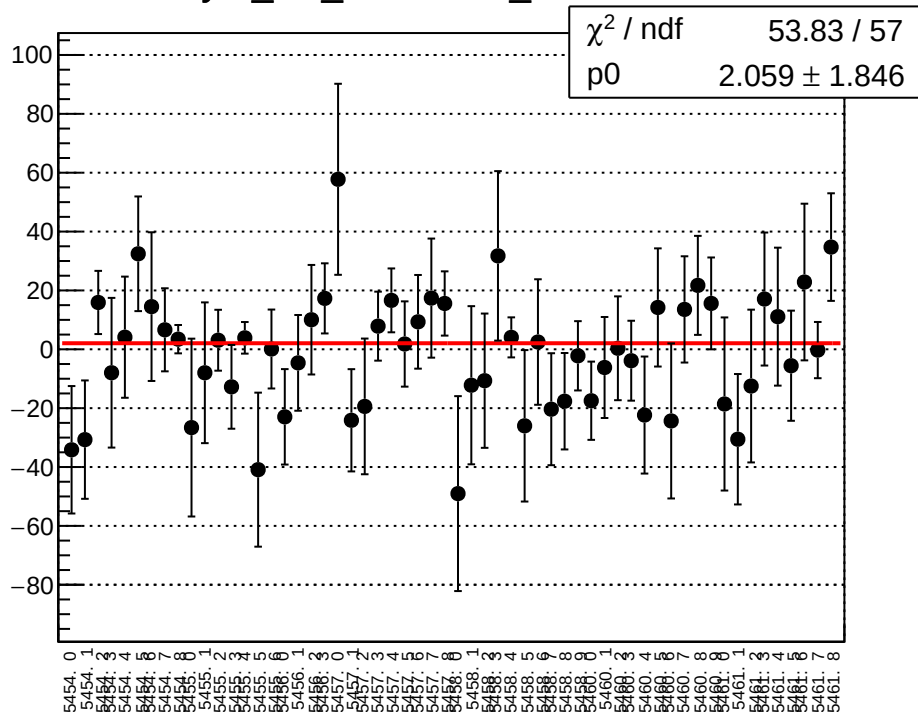
175.5 / 57

p0

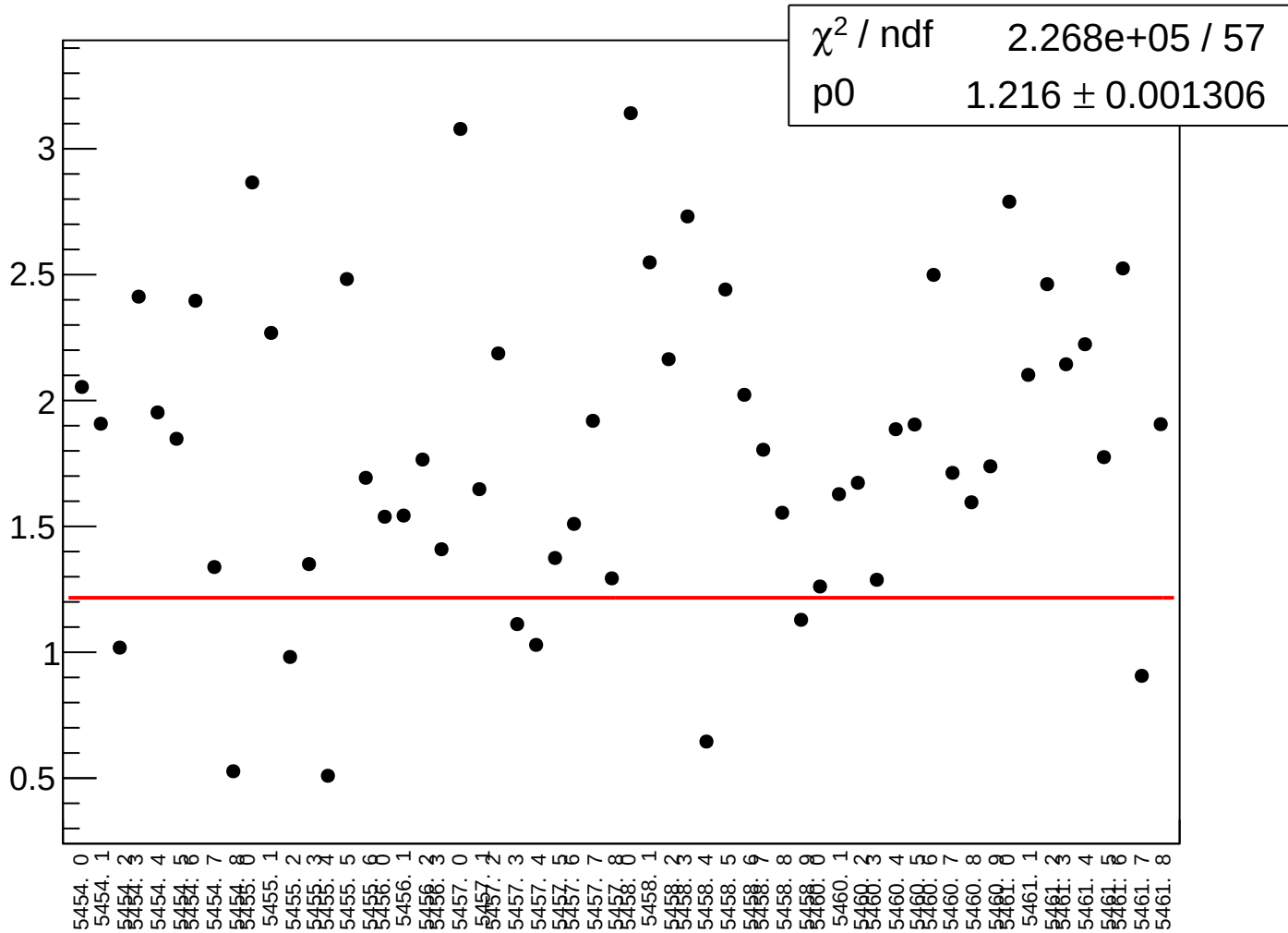
$78.42 \pm 0.07495$



# asym\_dsl\_correction\_mean vs run

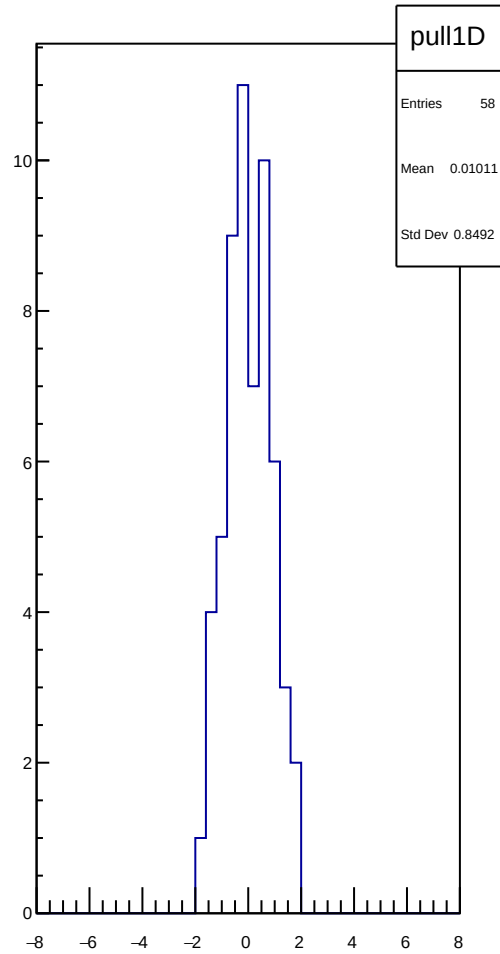
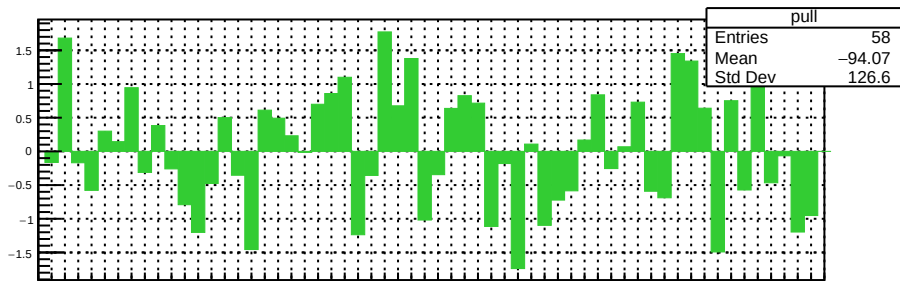
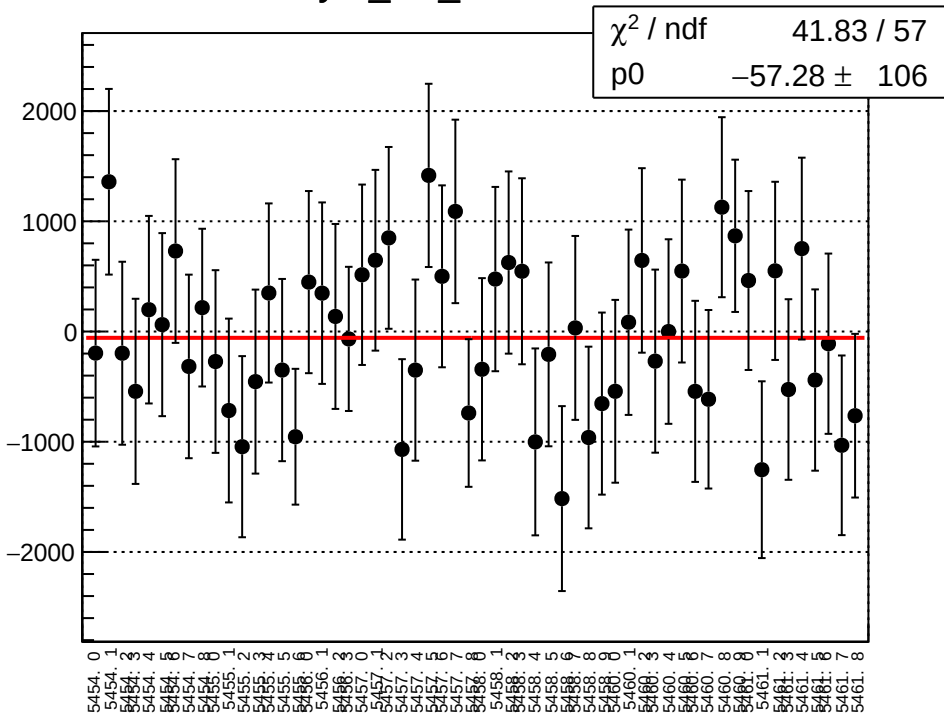


# asym\_dsl\_correction\_rms vs run





## asym\_dsl\_mean vs run



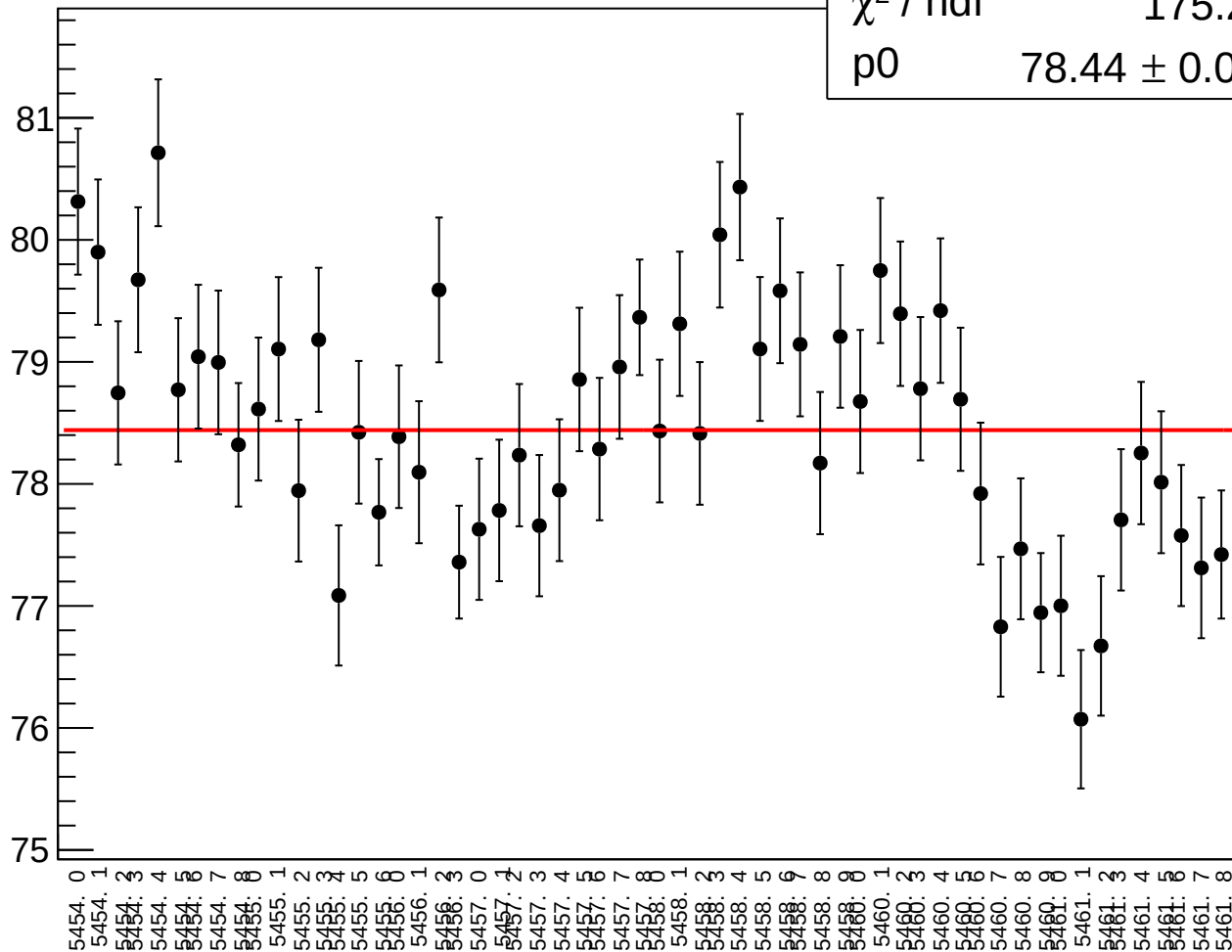
# asym\_dsl\_rms vs run

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

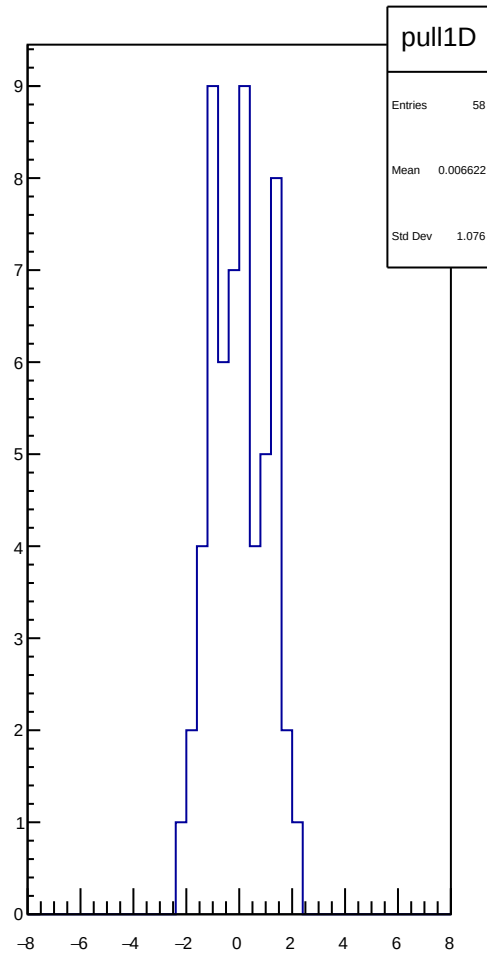
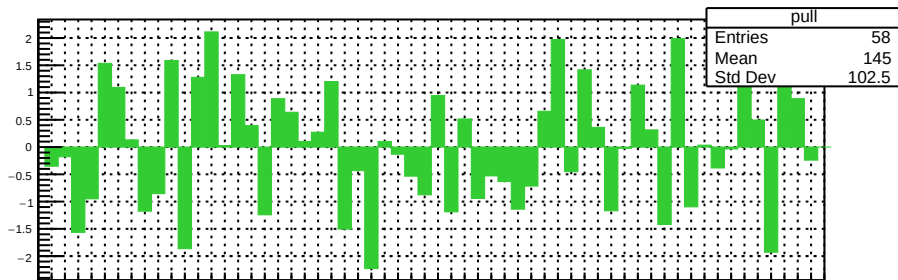
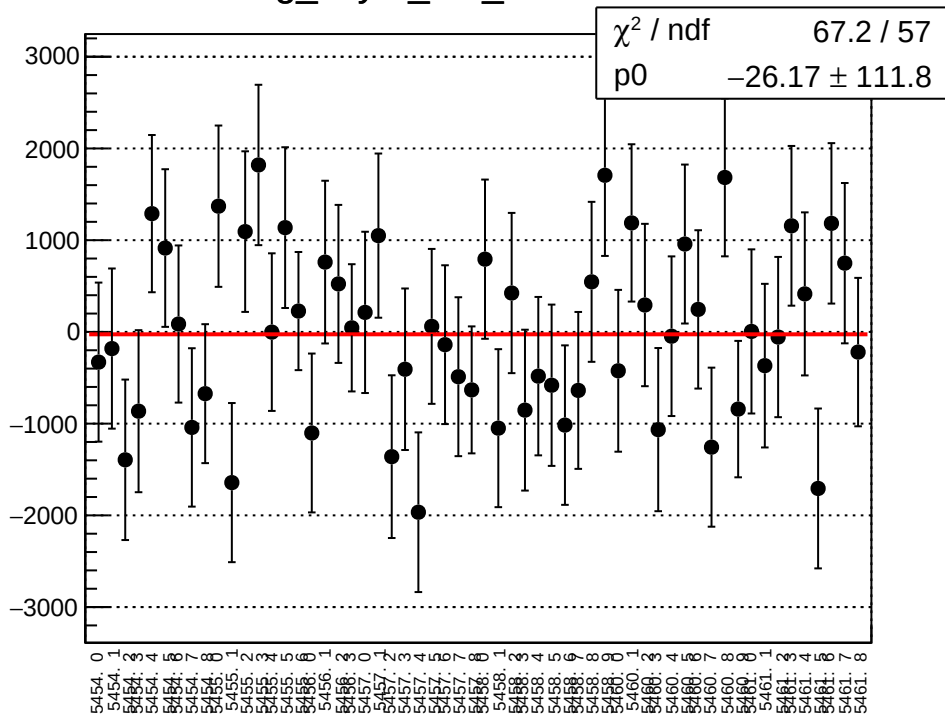
175.2 / 57

p0

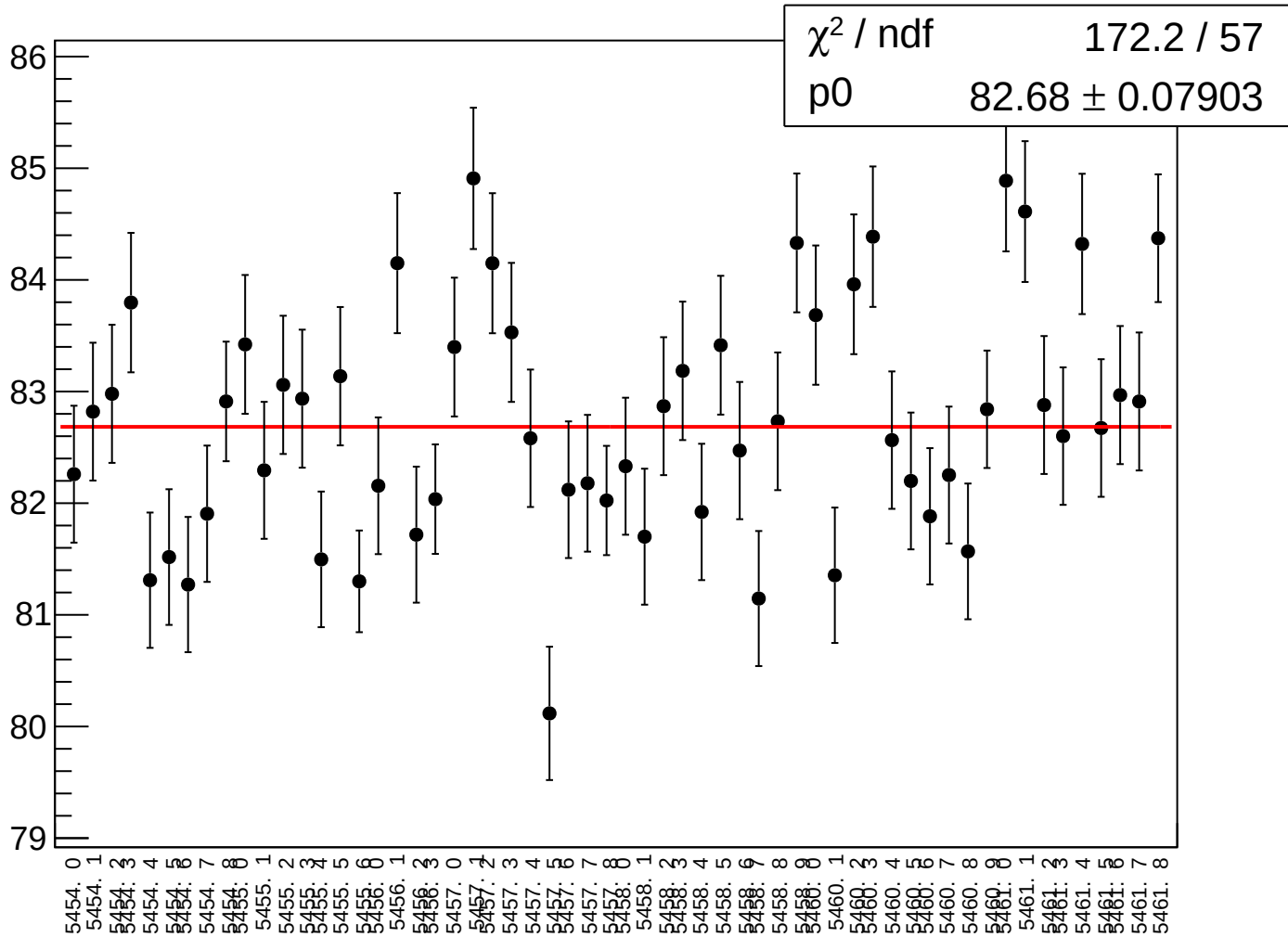
$78.44 \pm 0.07497$



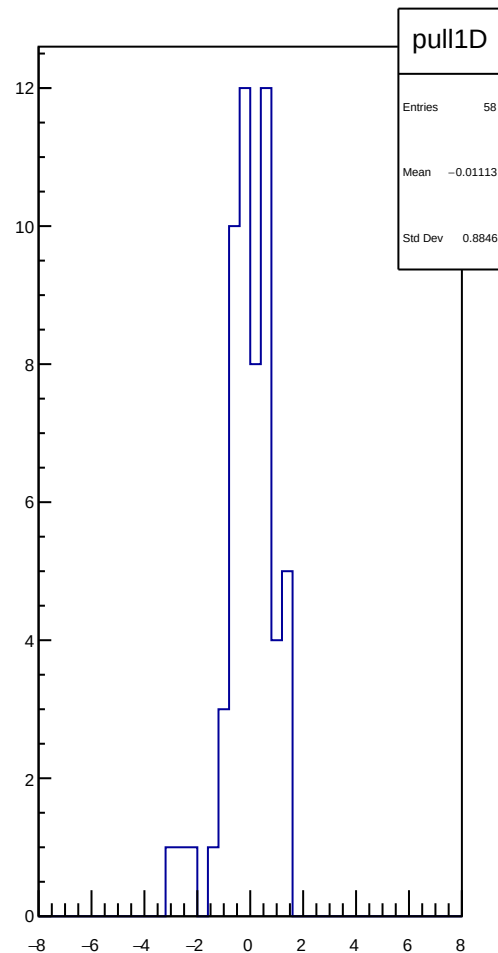
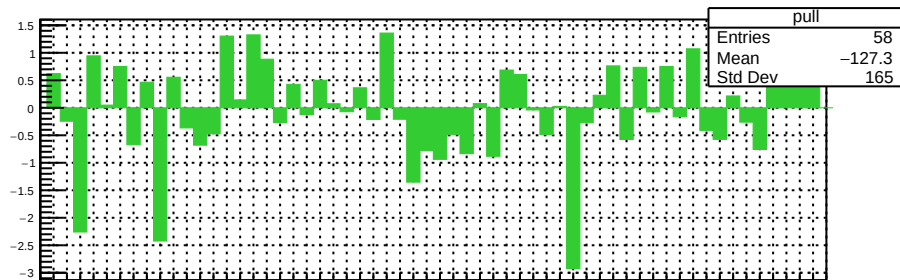
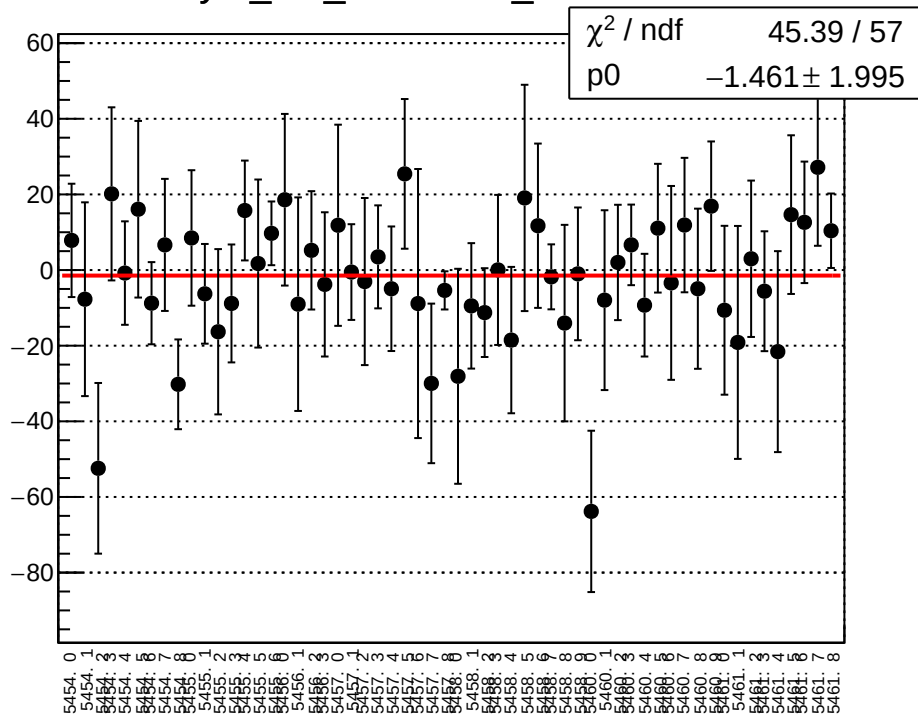
# reg\_asym\_dsr\_mean vs run



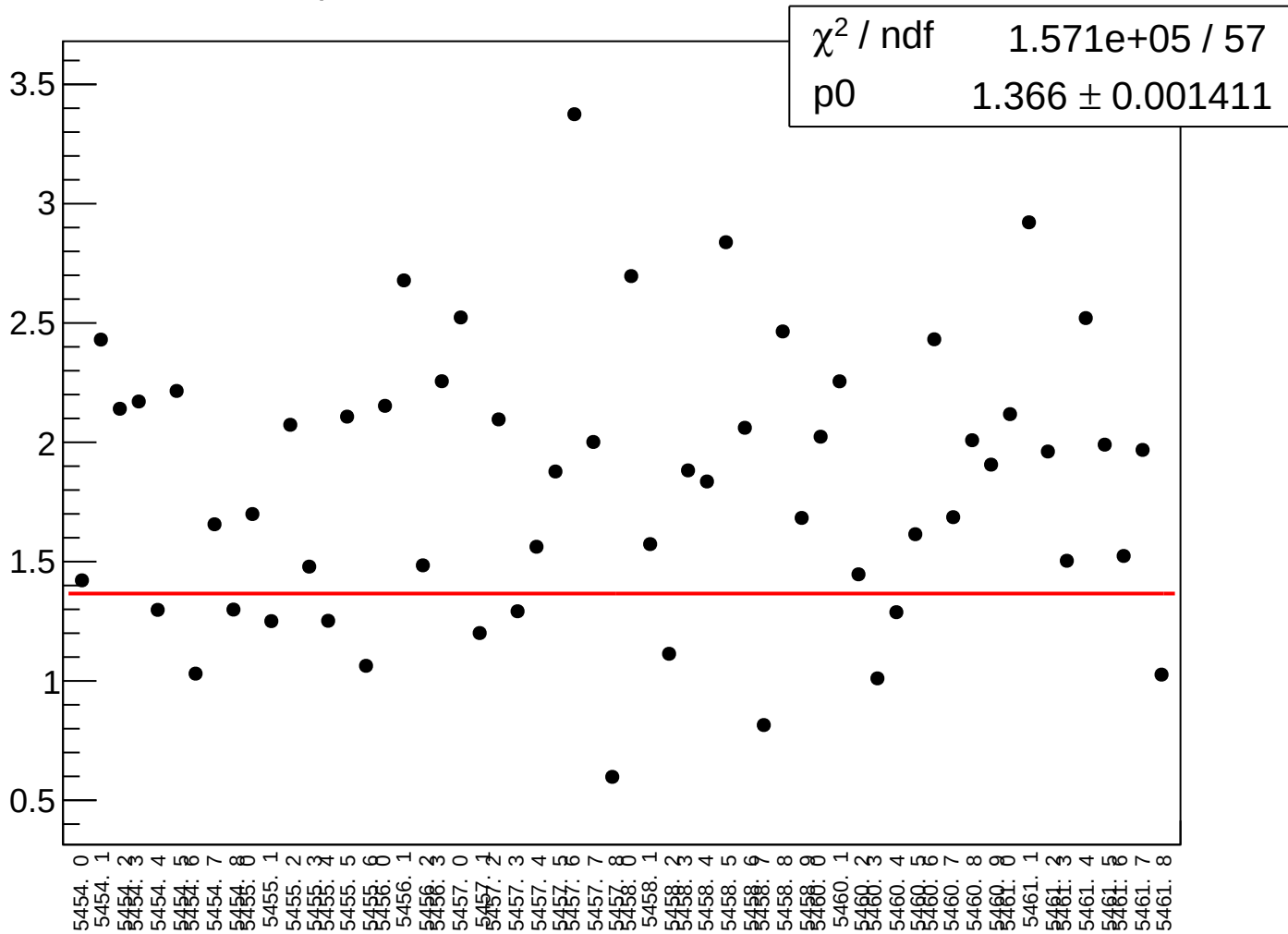
# reg\_asym\_dsr\_rms vs run



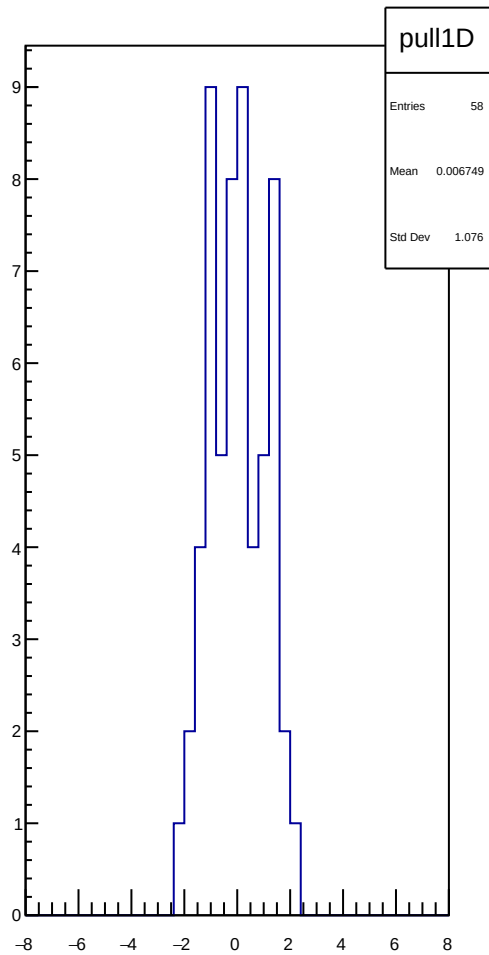
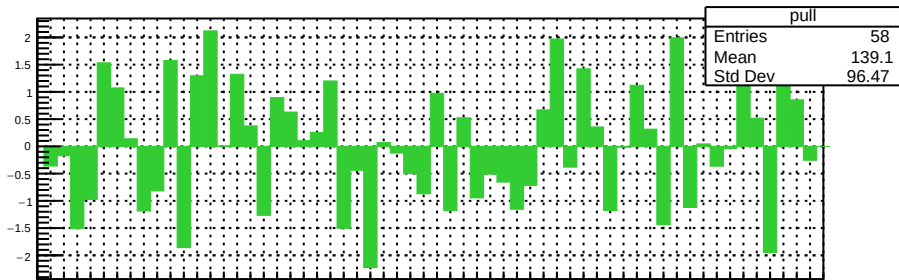
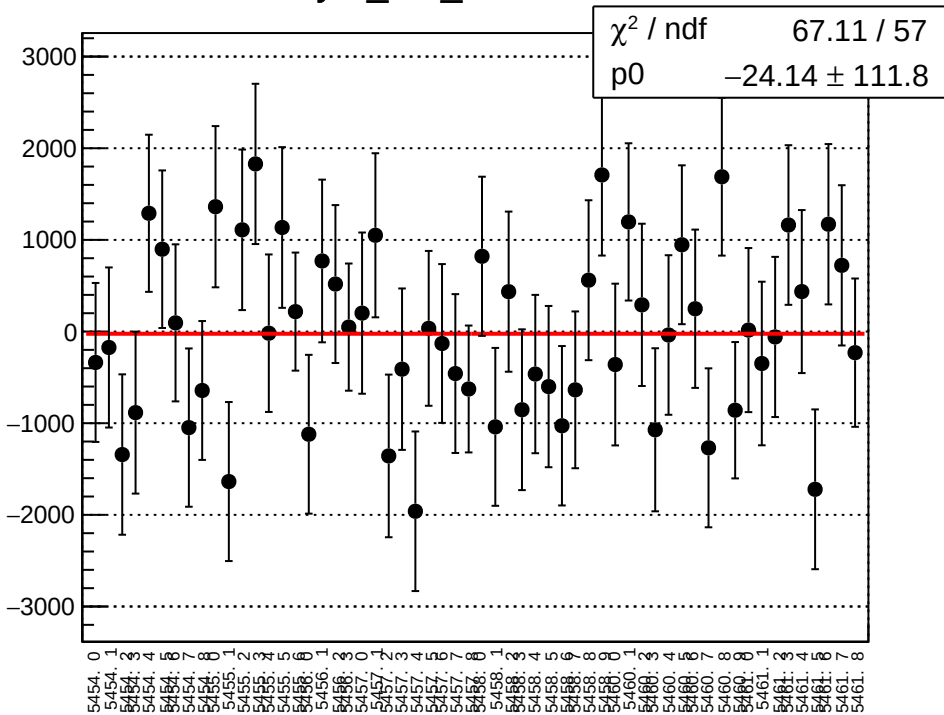
asym\_dsr\_correction\_mean vs run



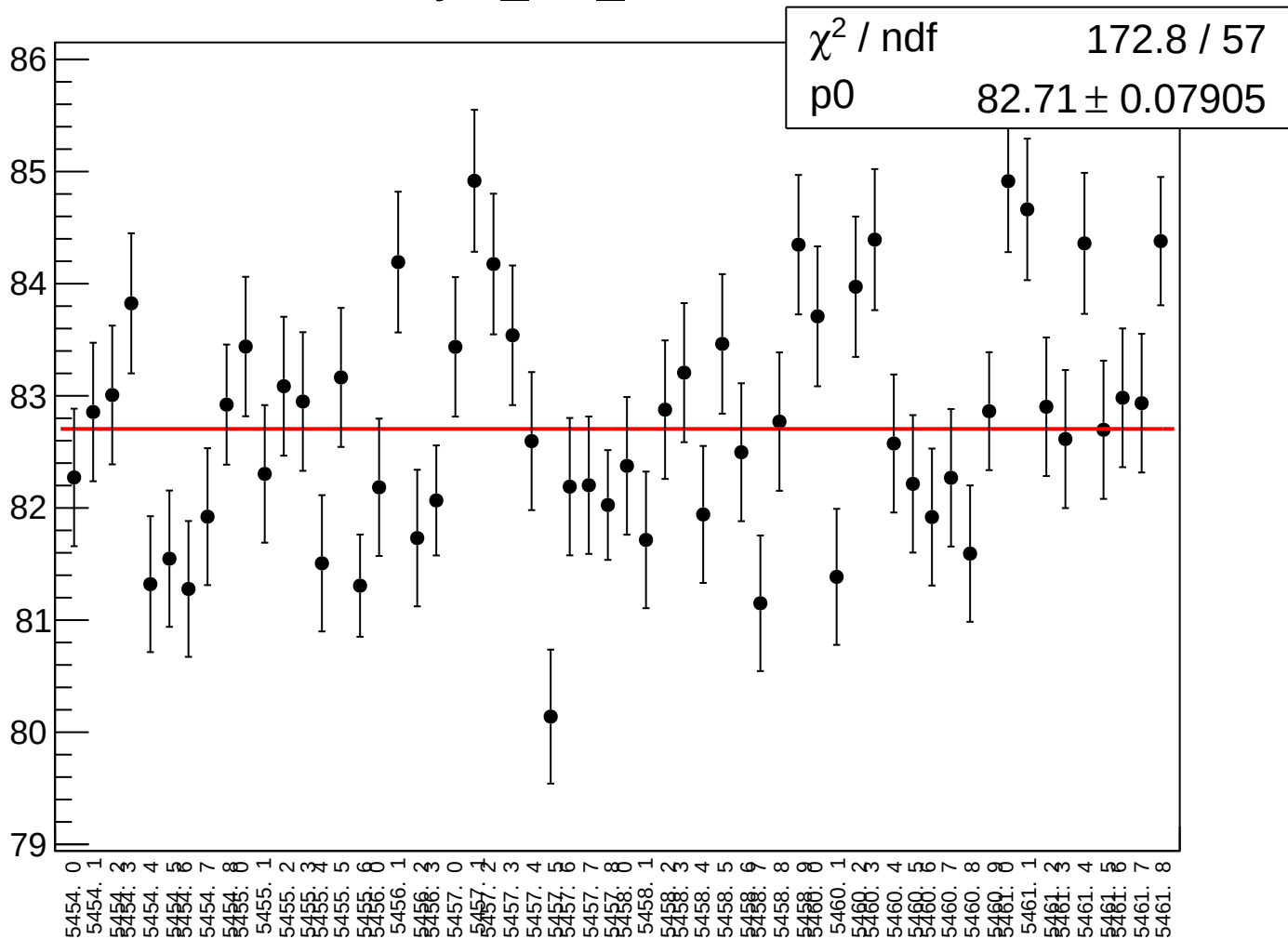
# asym\_dsr\_correction\_rms vs run



## asym\_dsr\_mean vs run

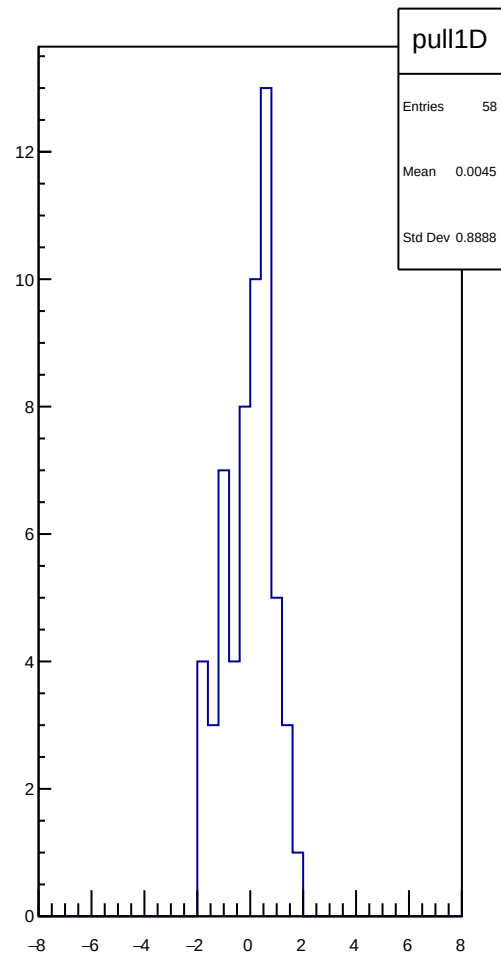
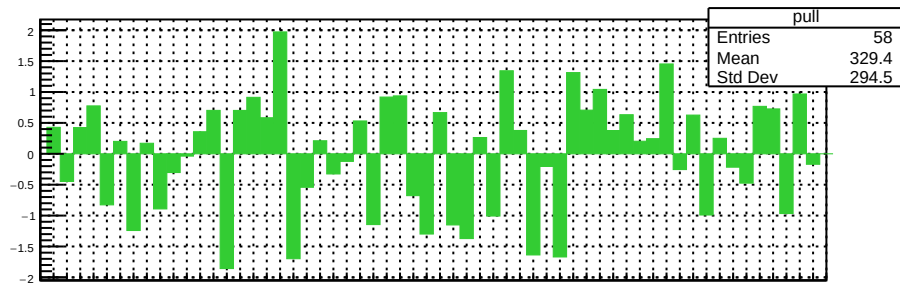
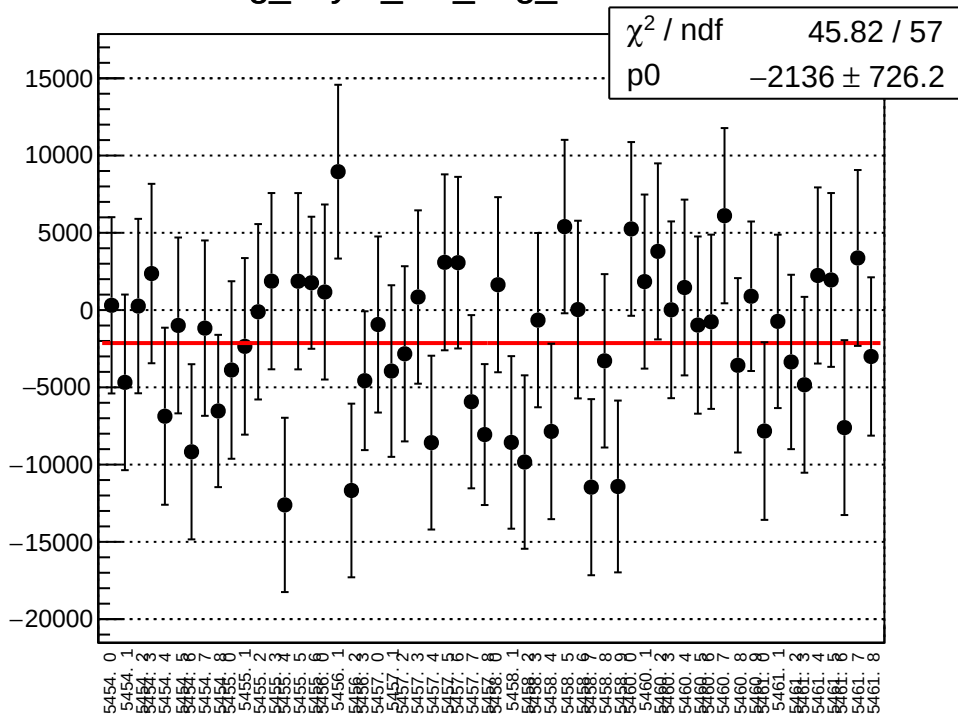


# asym\_dsr\_rms vs run

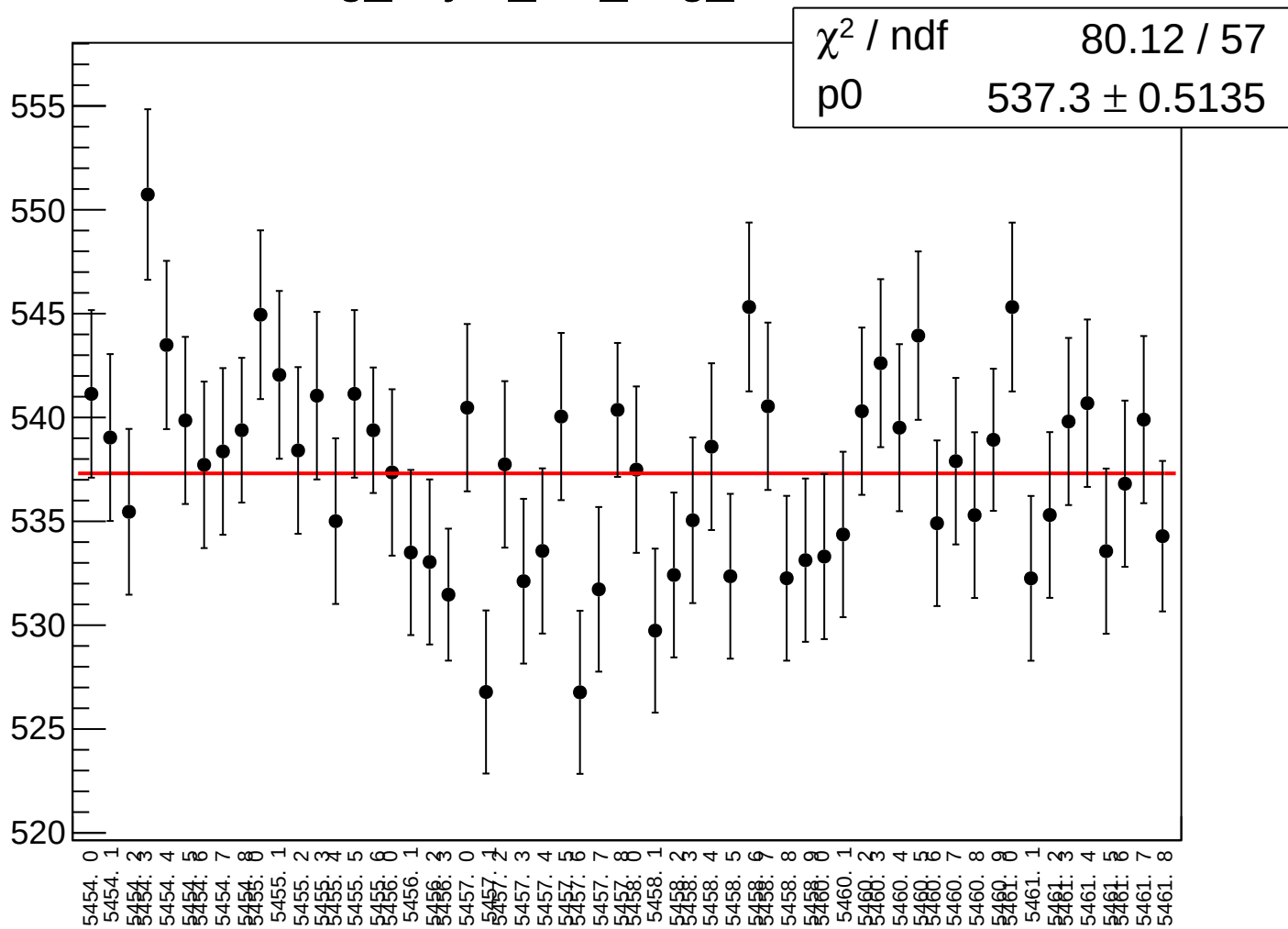




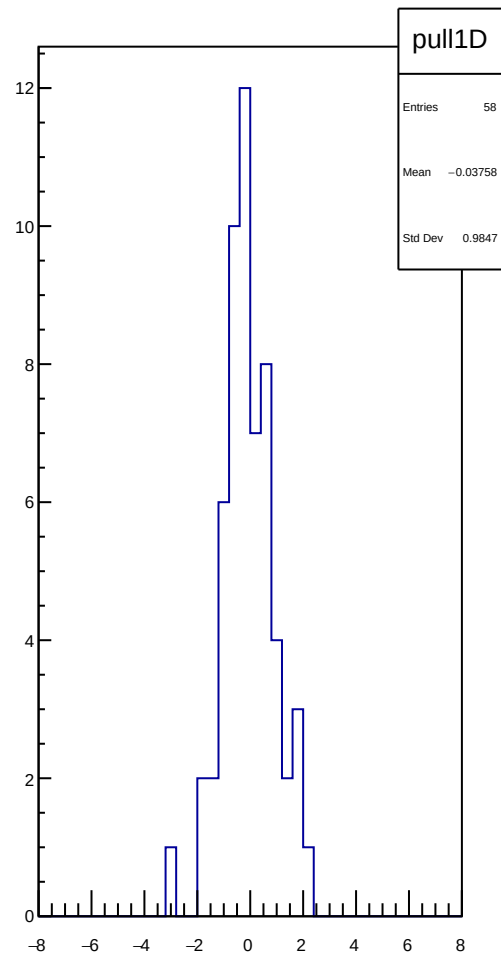
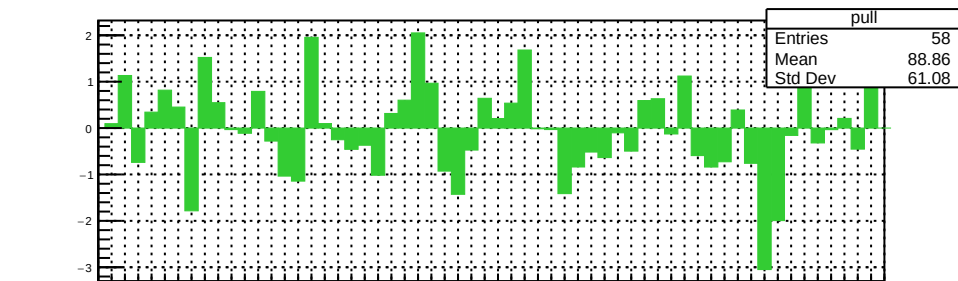
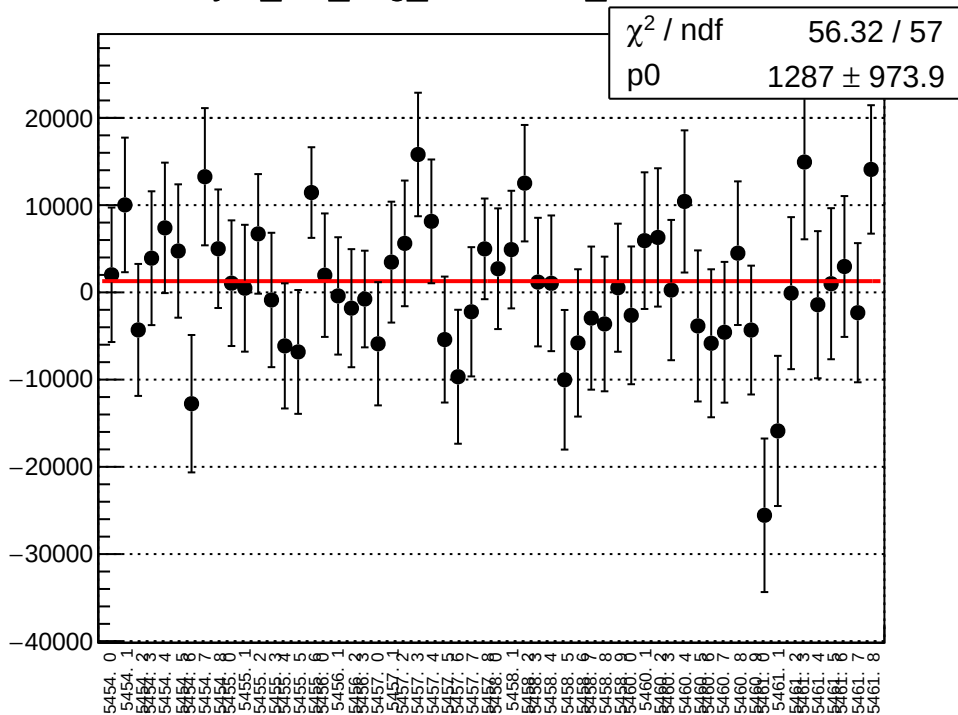
# reg\_asym\_left\_avg\_mean vs run



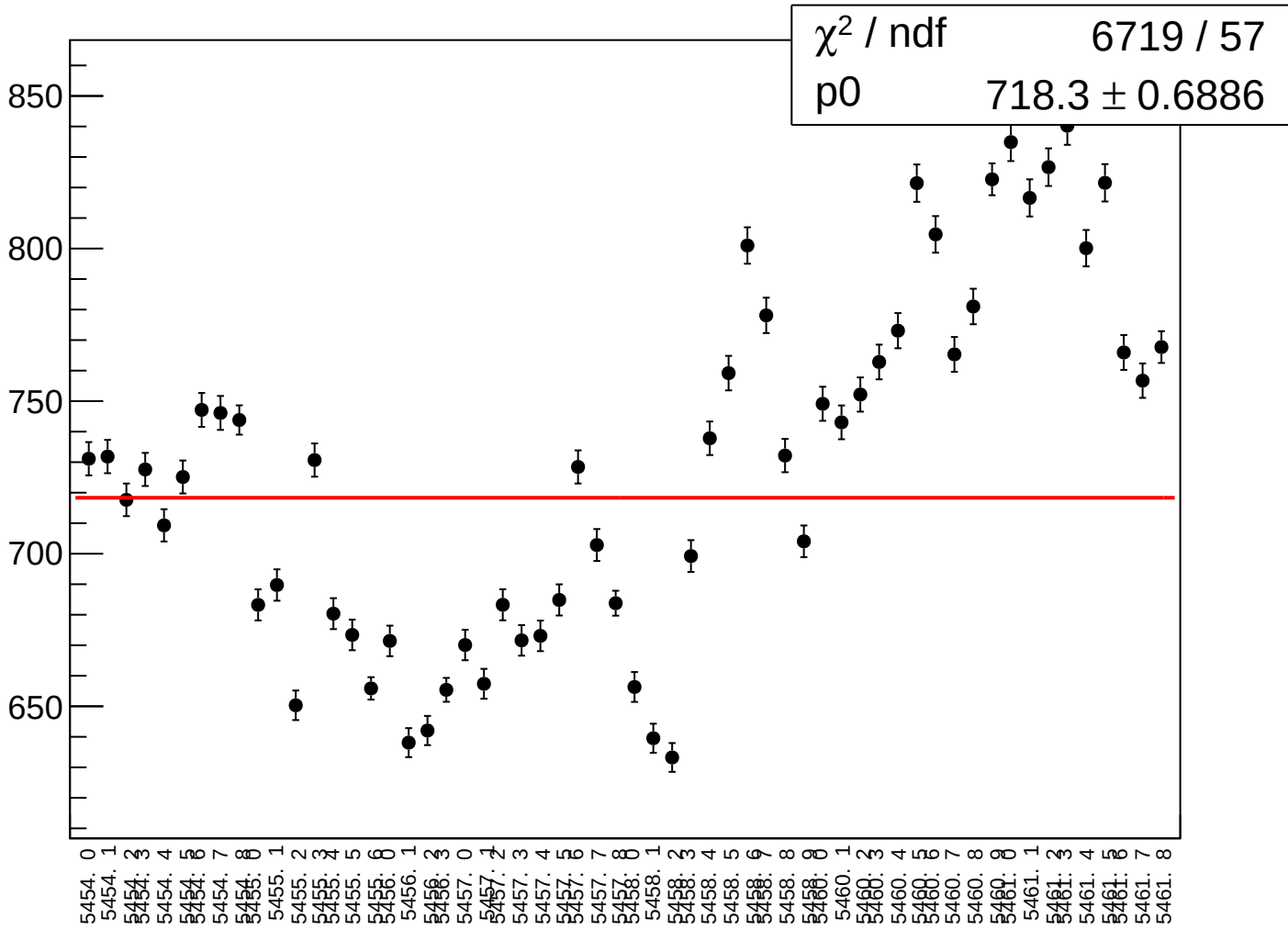
# reg\_asym\_left\_avg\_rms vs run



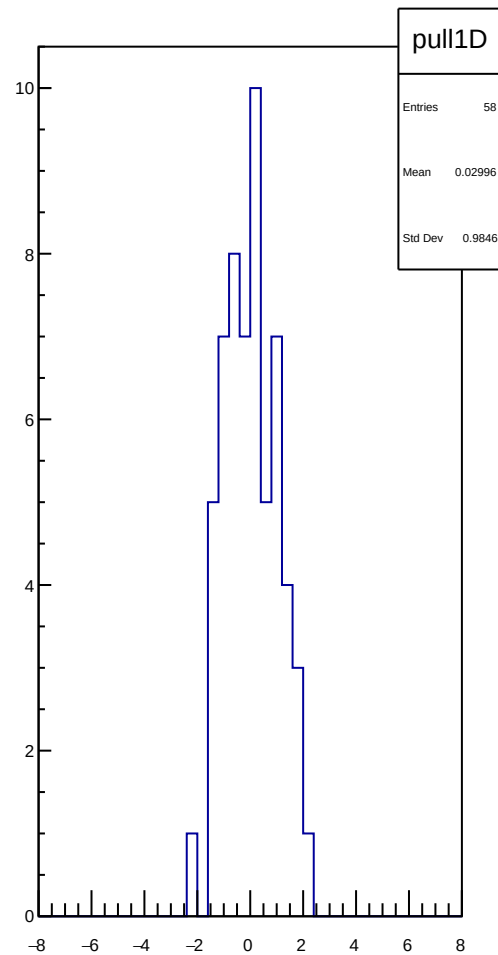
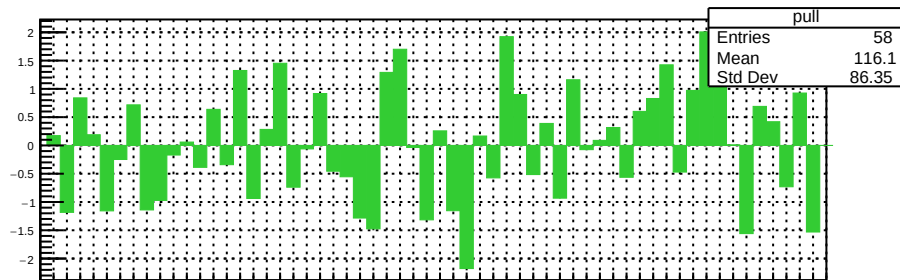
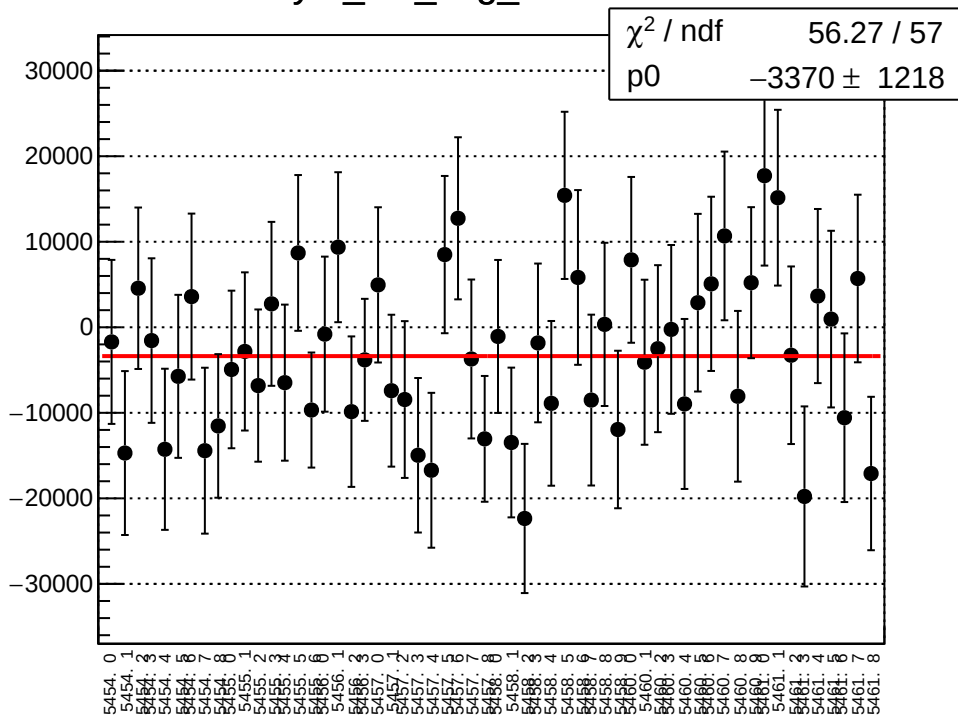
asym\_left\_avg\_correction\_mean vs run



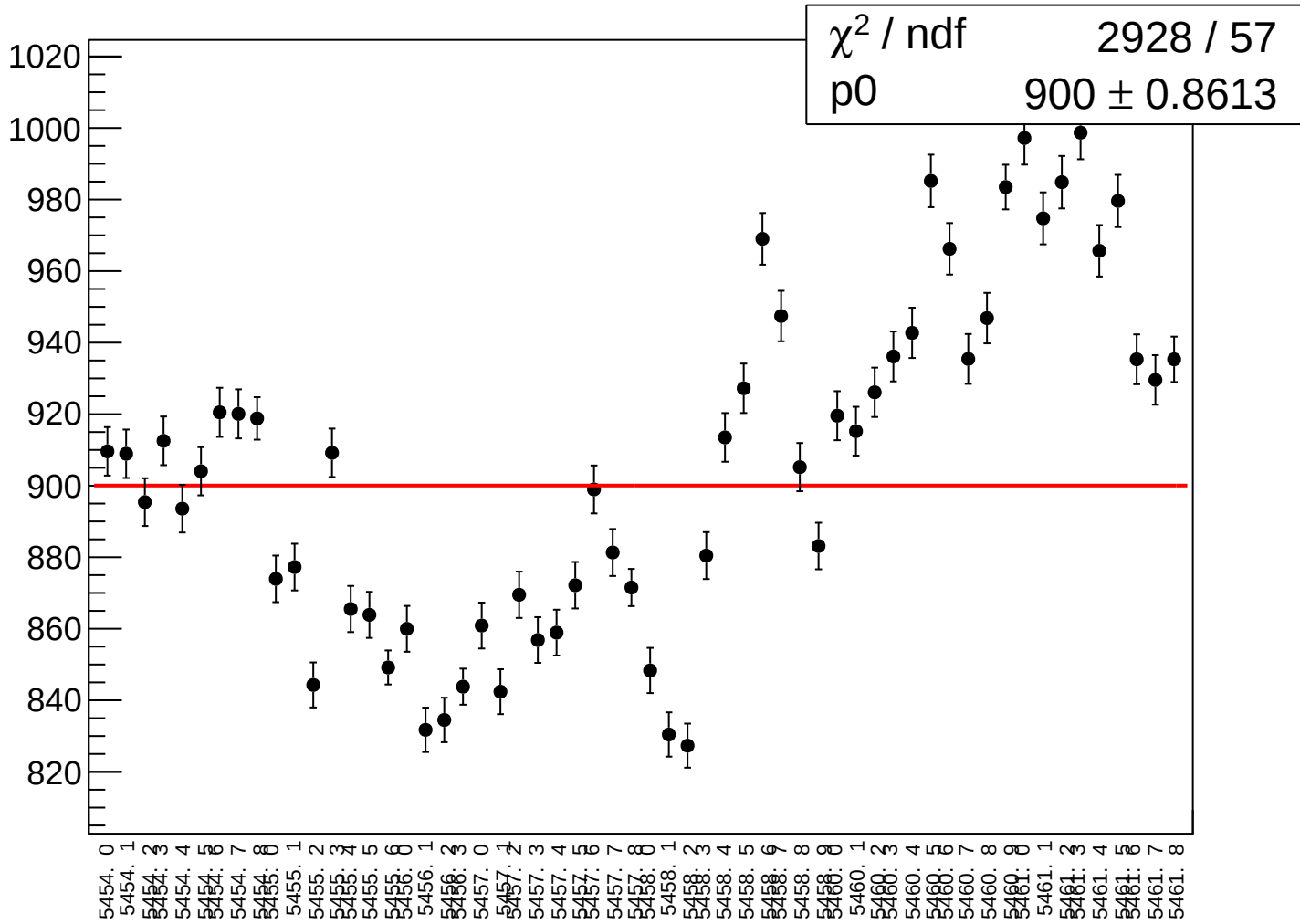
# asym\_left\_avg\_correction\_rms vs run



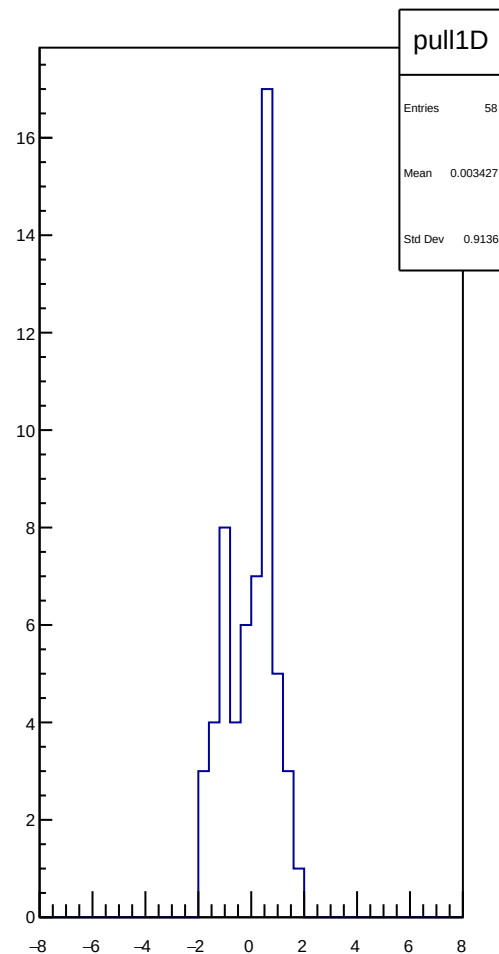
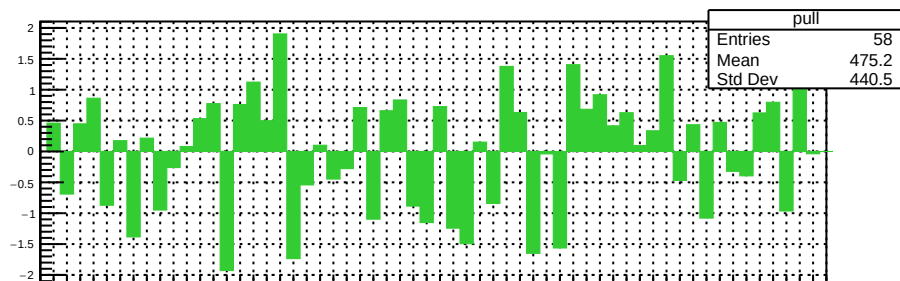
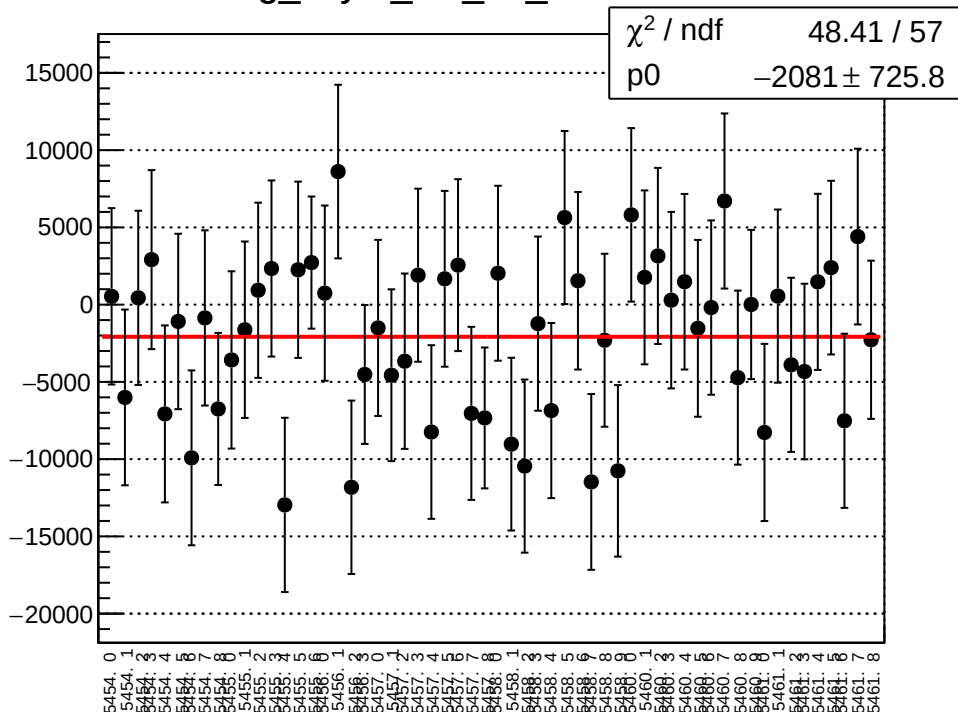
asym\_left\_avg\_mean vs run



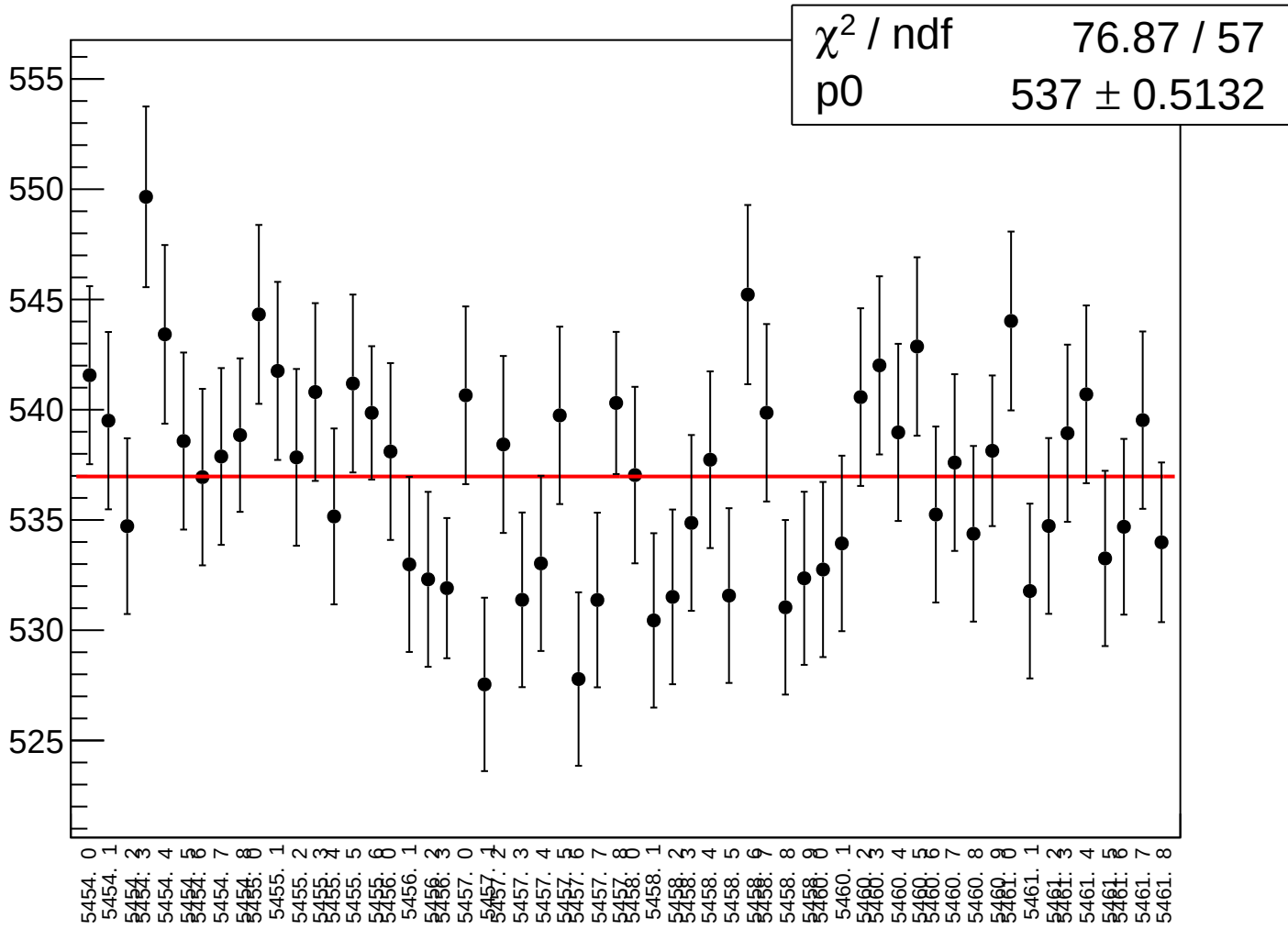
# asym\_left\_avg\_rms vs run



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

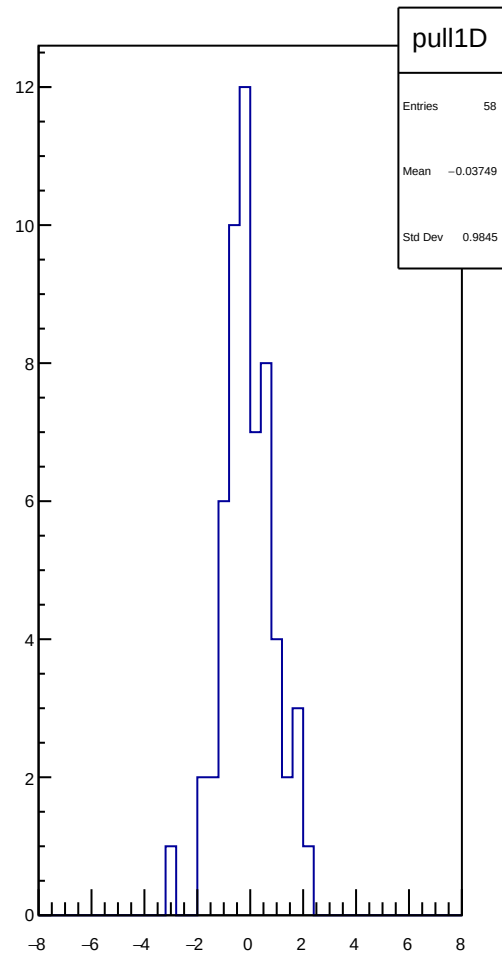
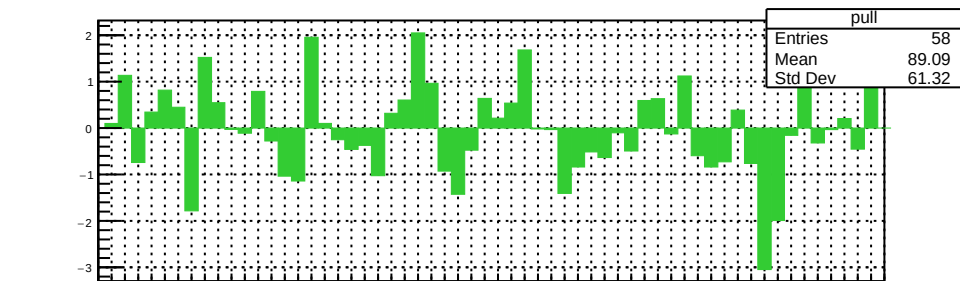
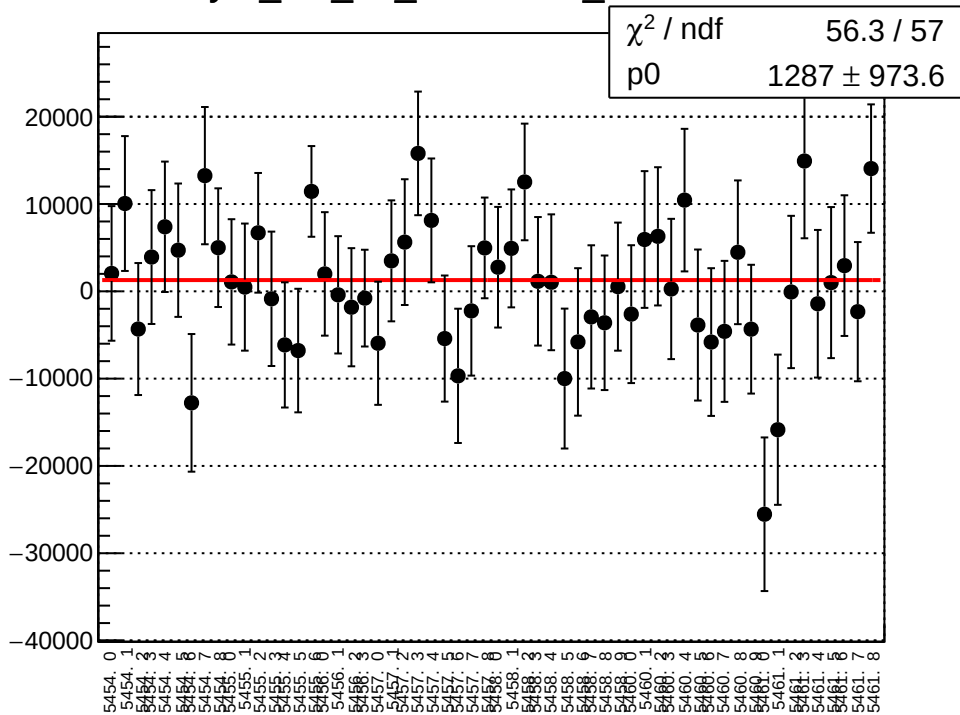


# reg\_asym\_left\_dd\_rms vs run

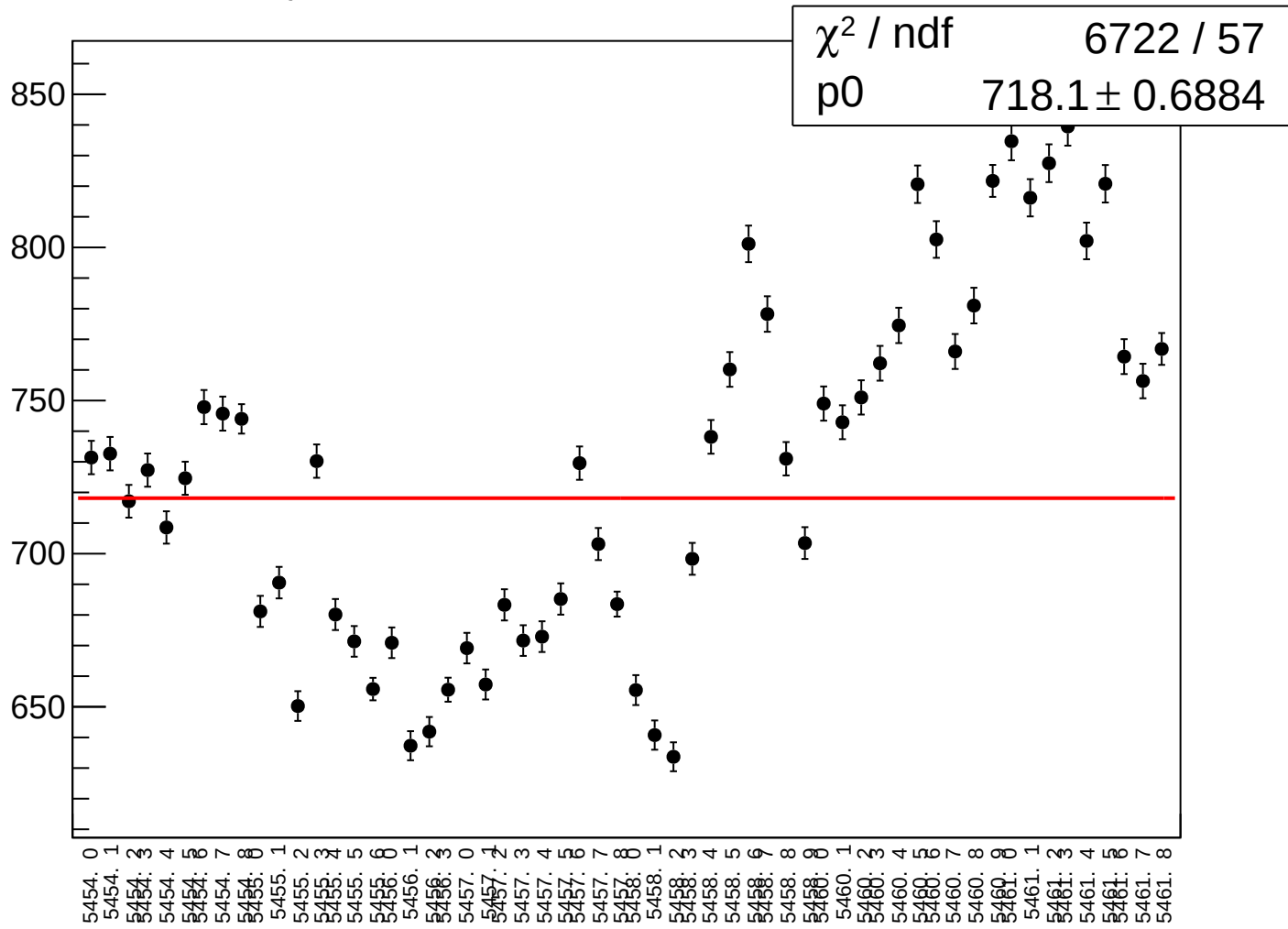




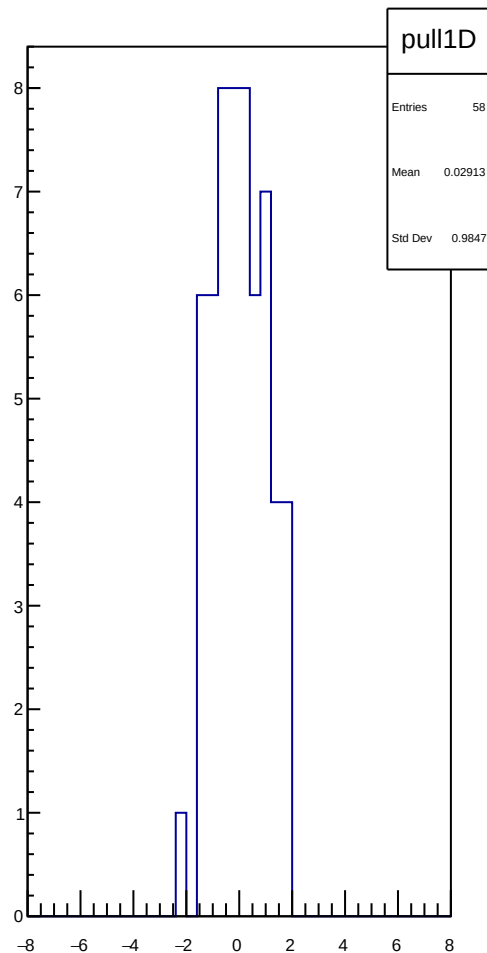
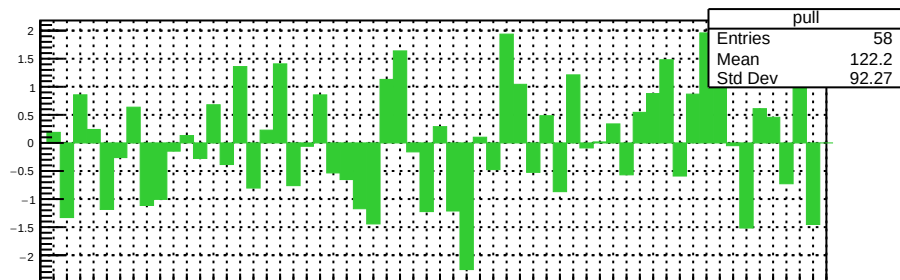
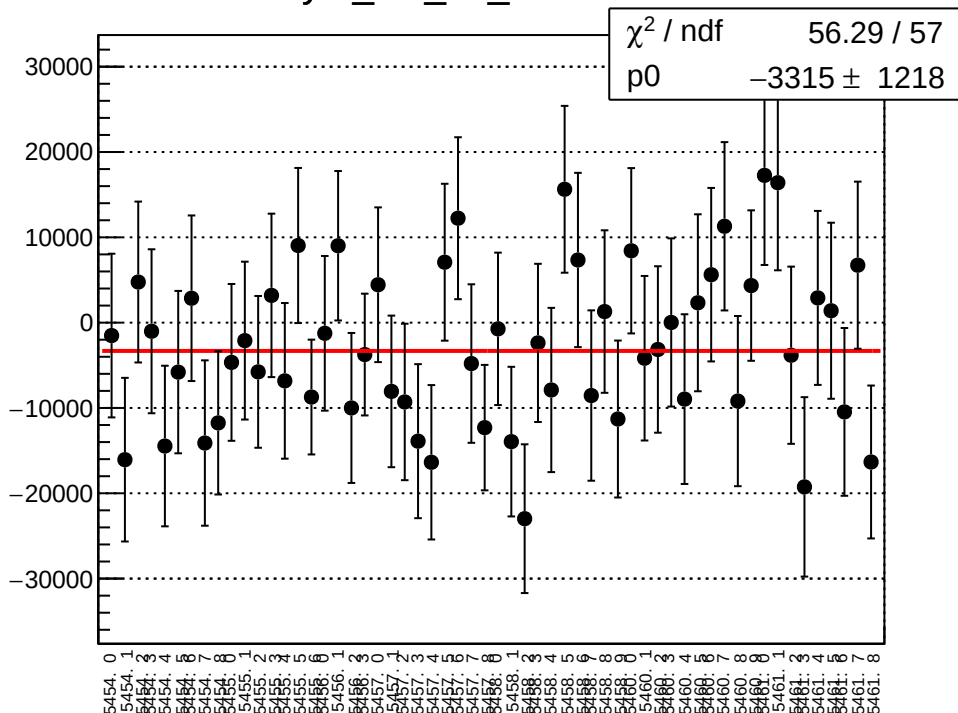
## asym\_left\_dd\_correction\_mean vs run



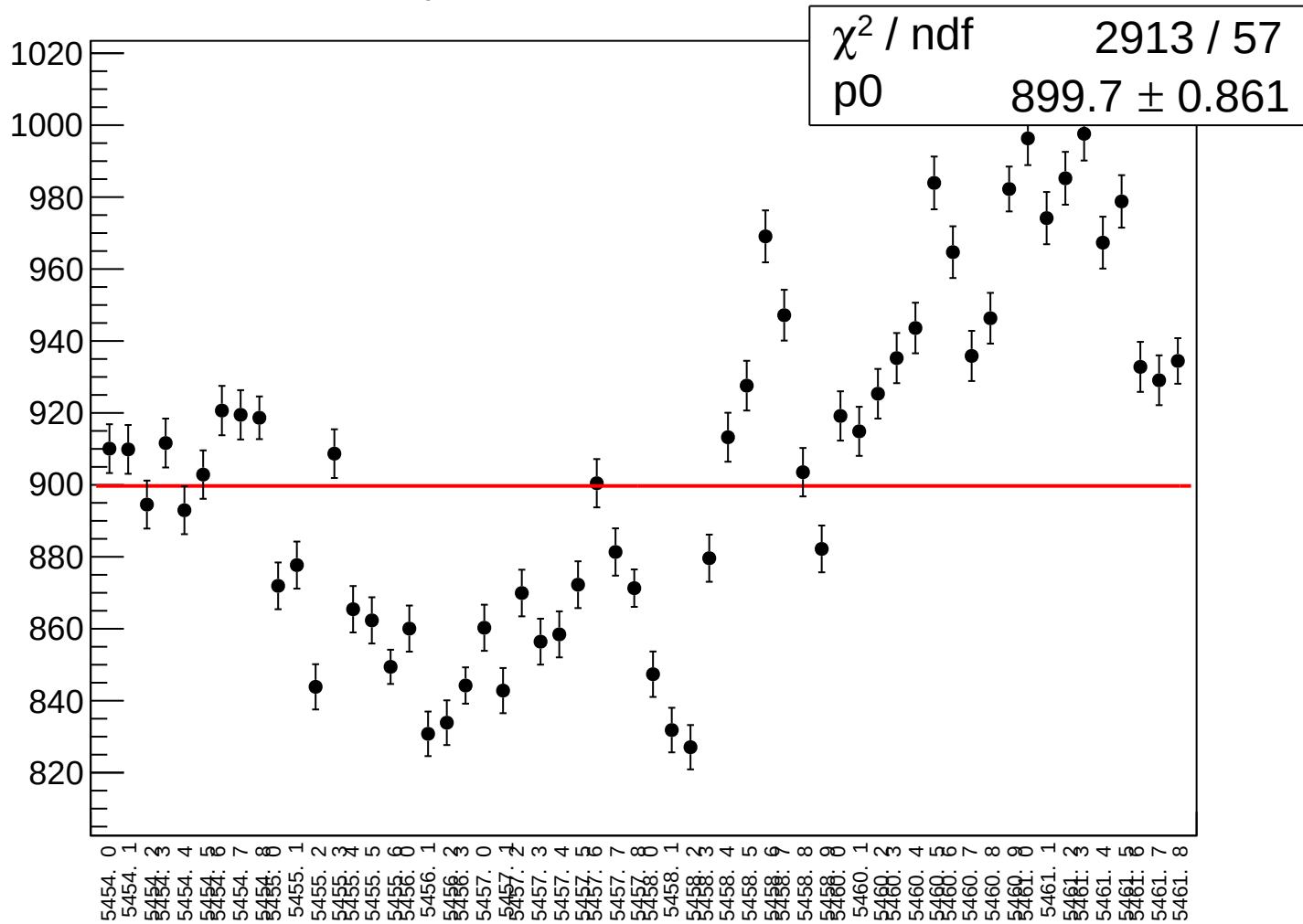
# asym\_left\_dd\_correction\_rms vs run



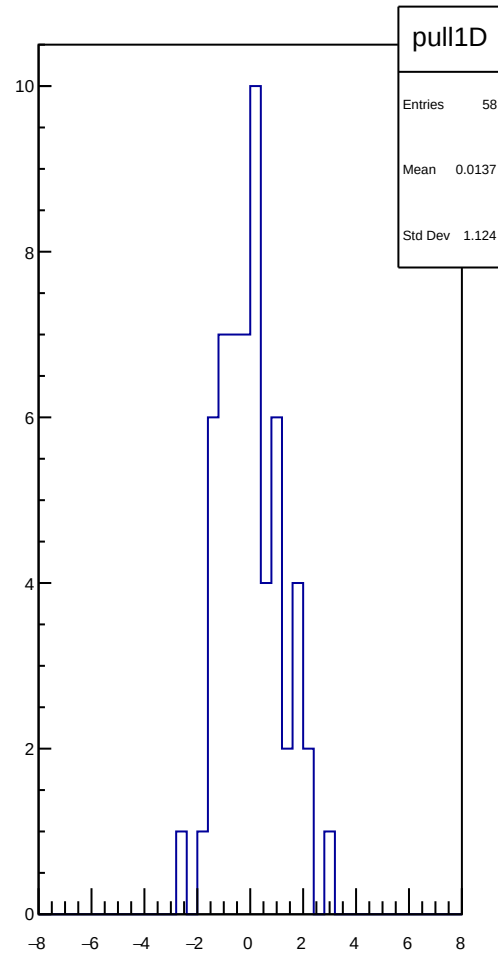
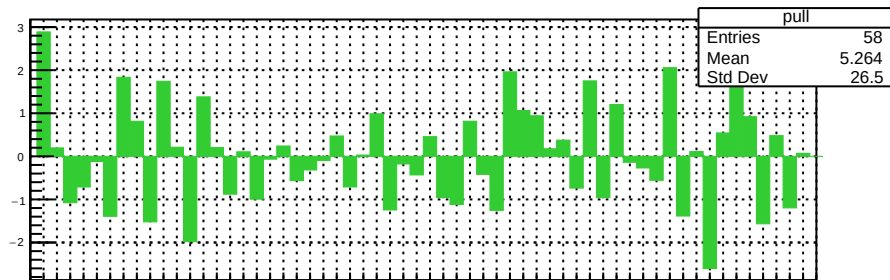
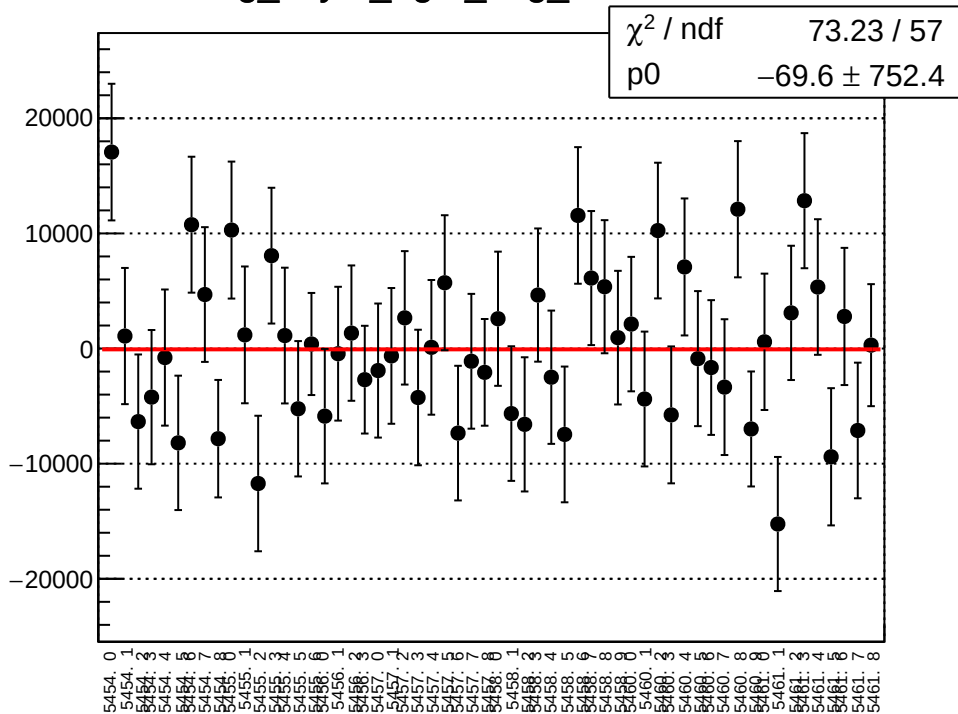
asym\_left\_dd\_mean vs run



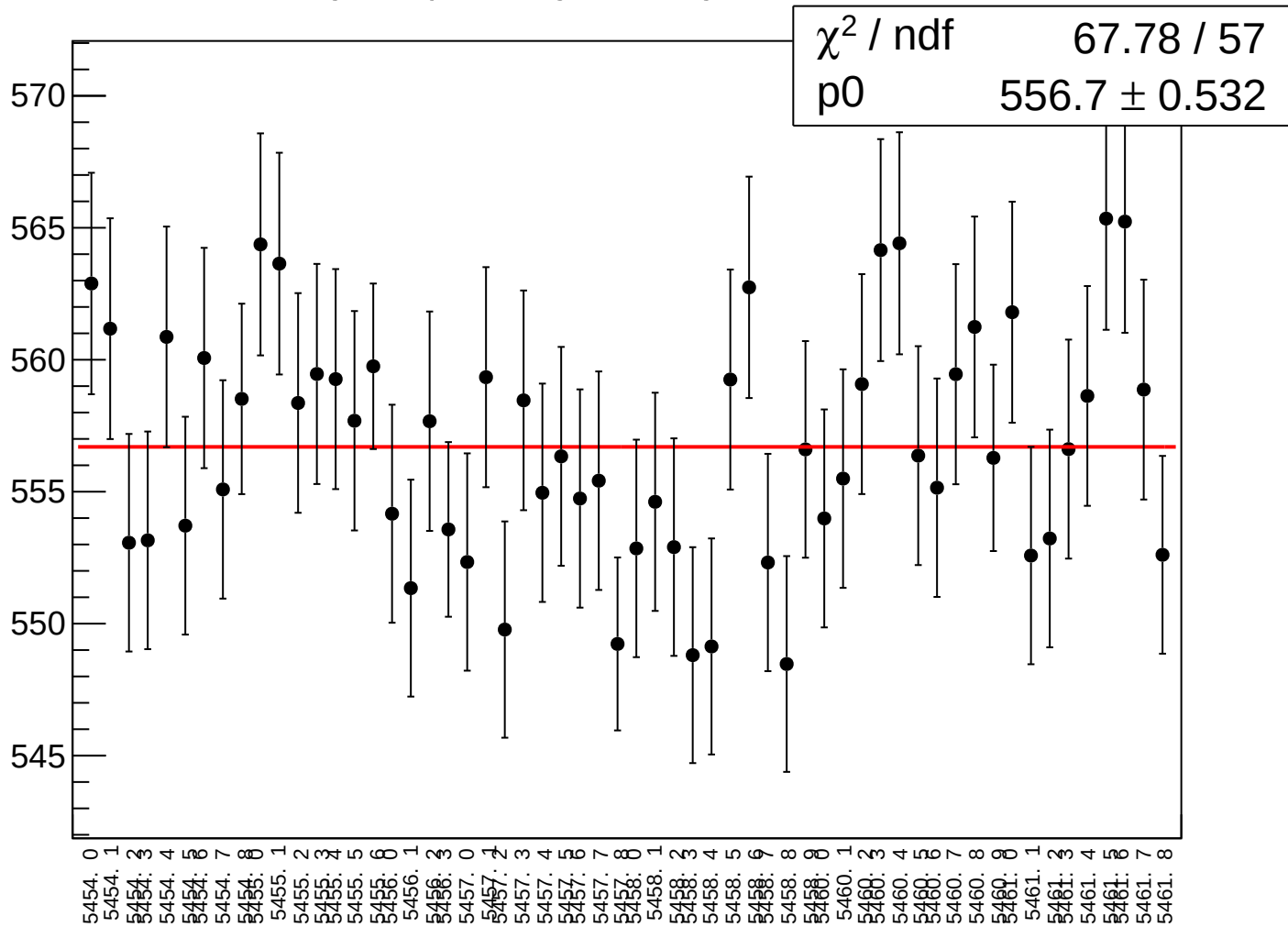
# asym\_left\_dd\_rms vs run



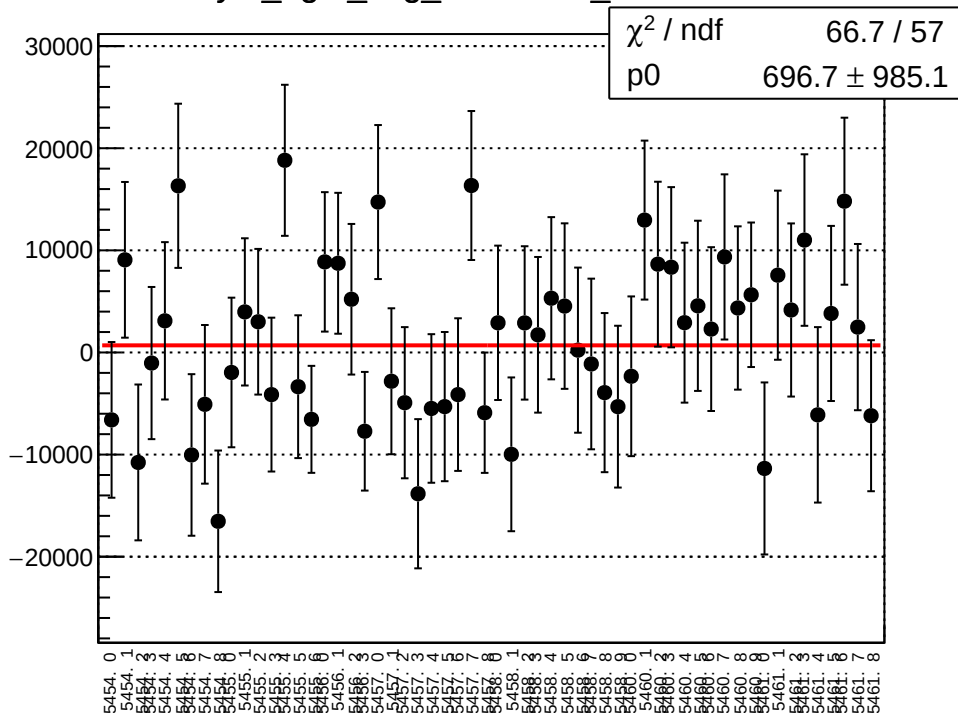
reg\_asym\_right\_avg\_mean vs run



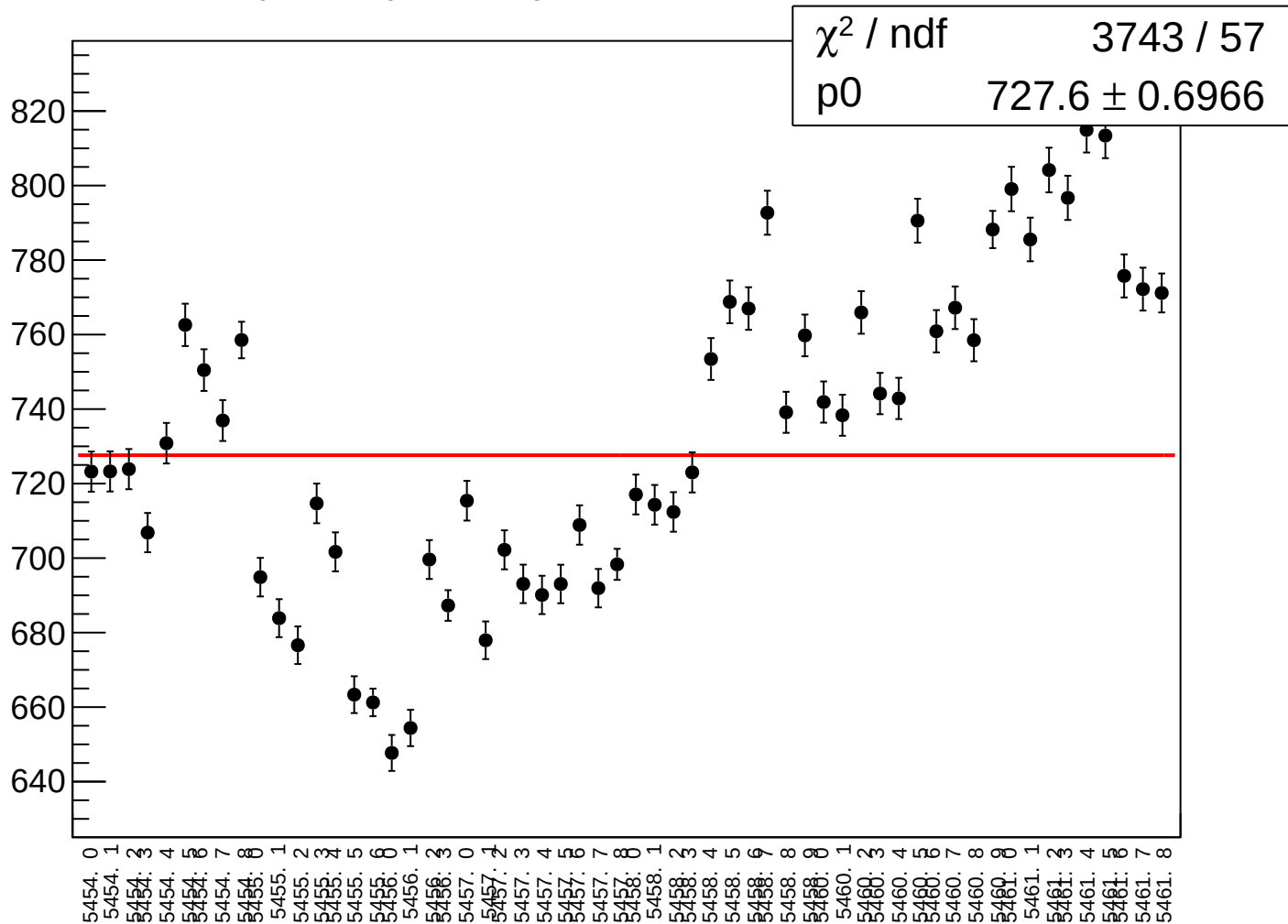
# reg\_asym\_right\_avg\_rms vs run



asym\_right\_avg\_correction\_mean vs run

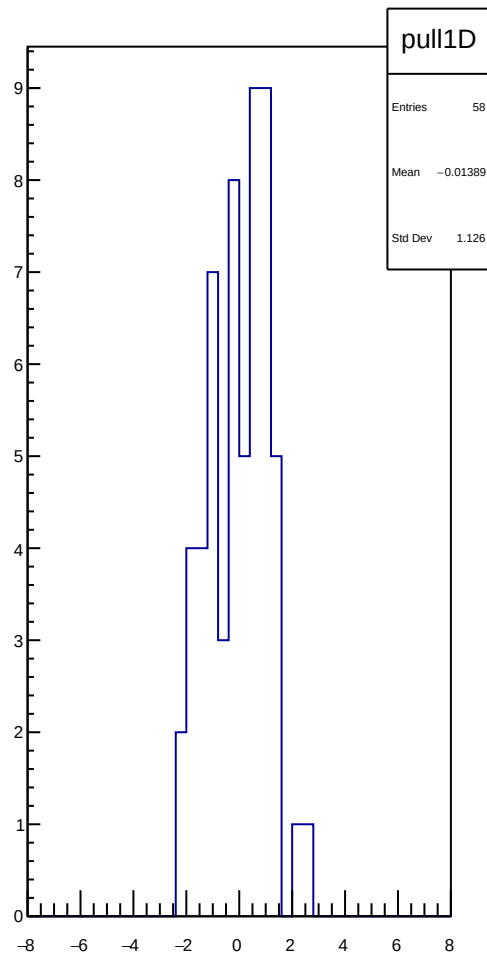
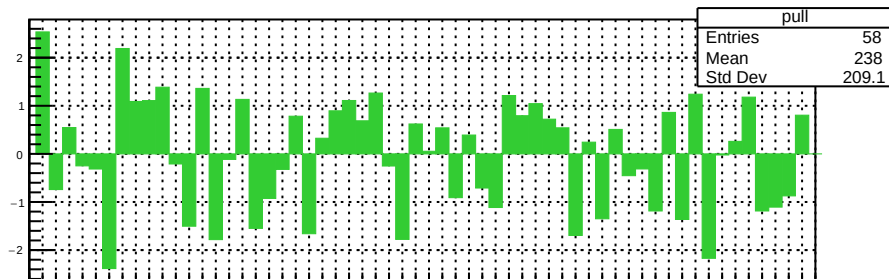
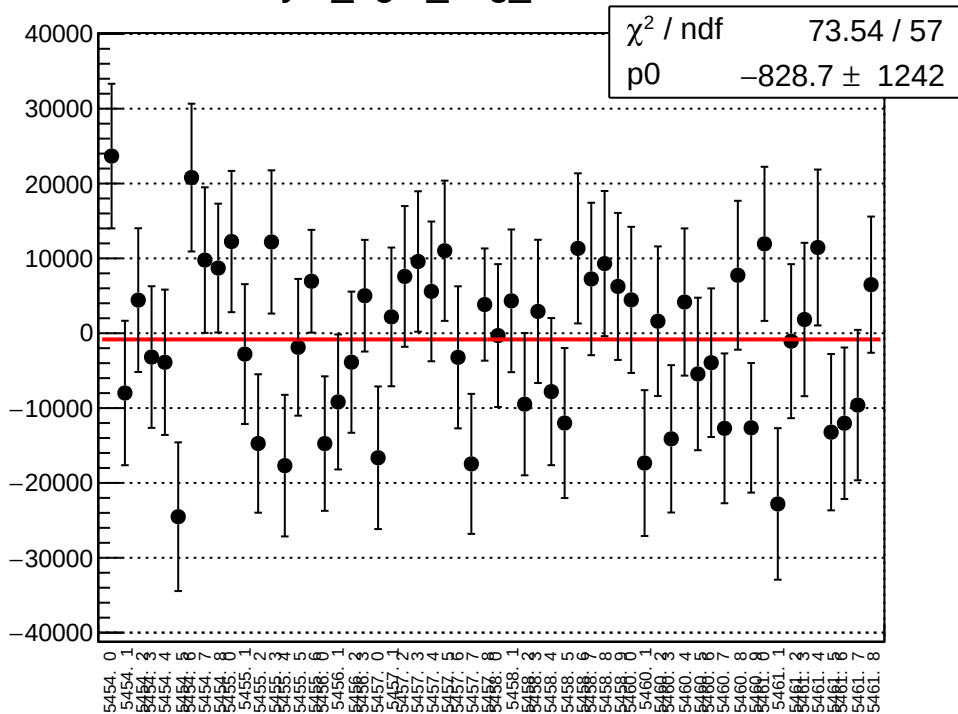


# asym\_right\_avg\_correction\_rms vs run

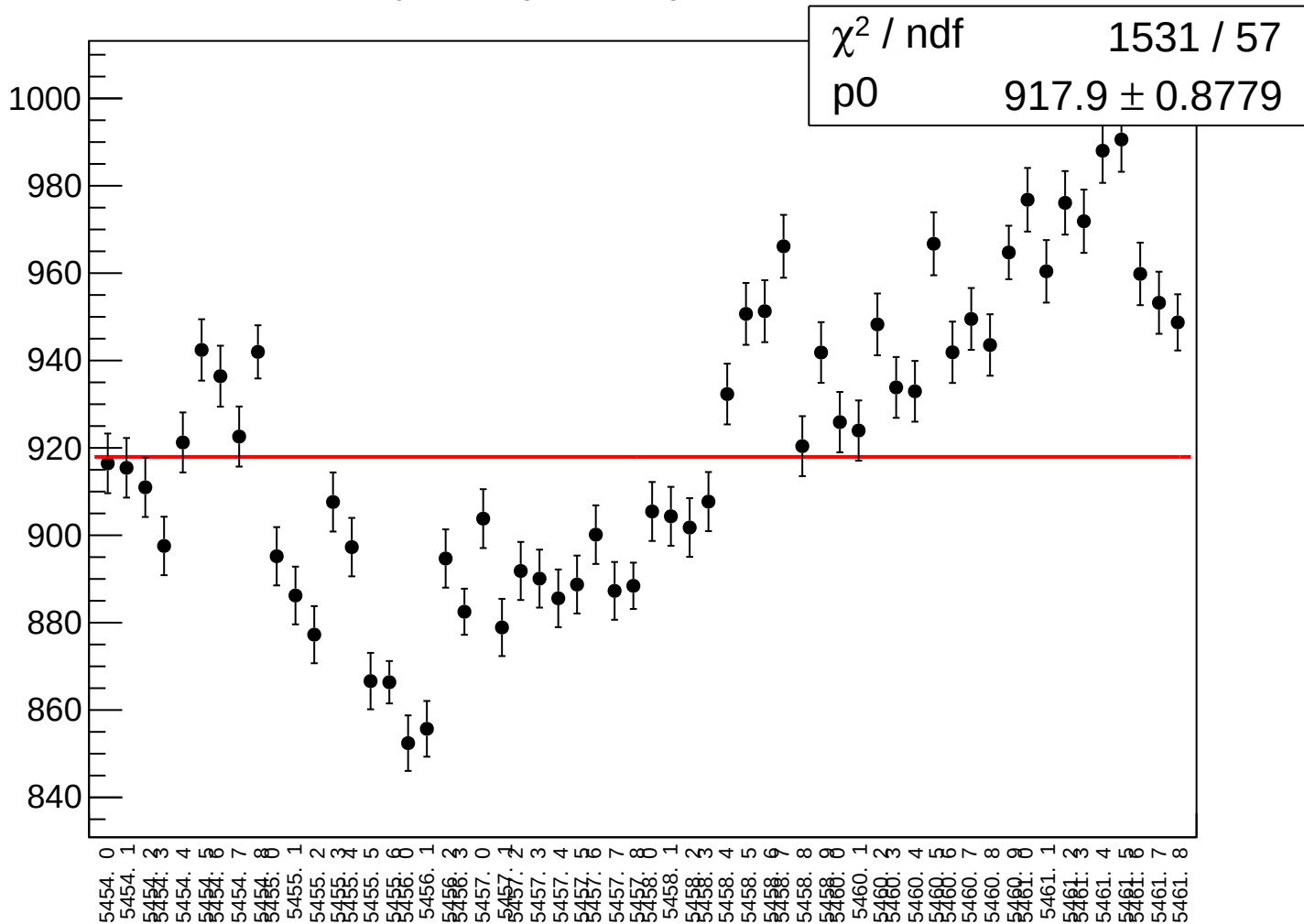




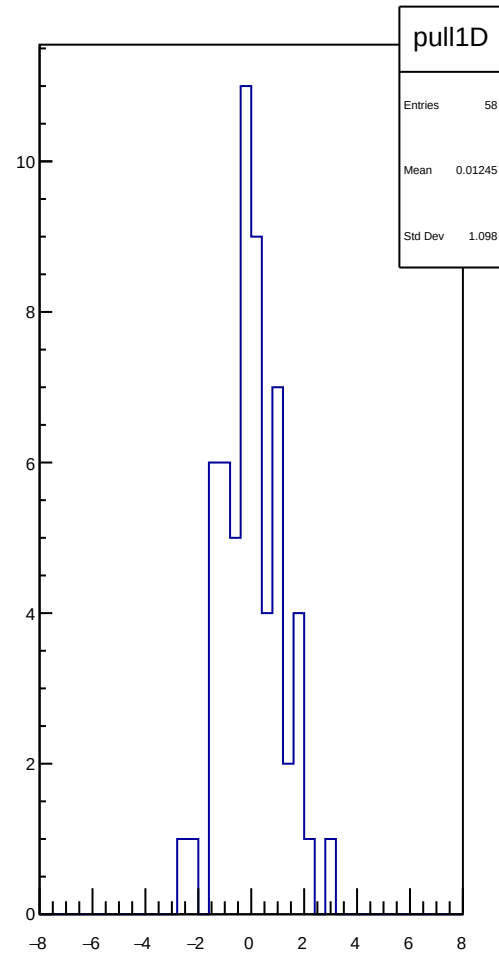
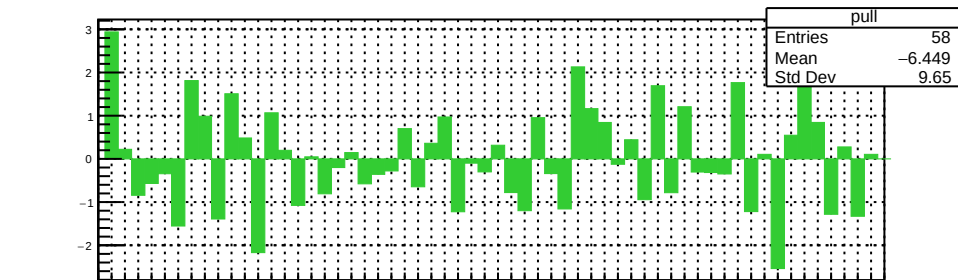
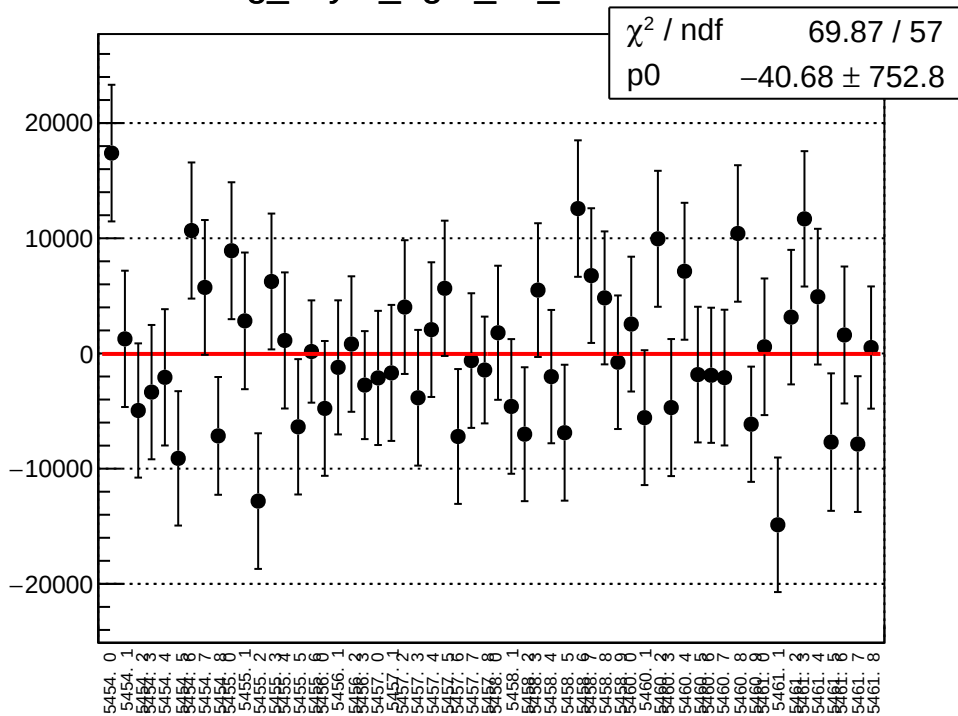
asym\_right\_avg\_mean vs run



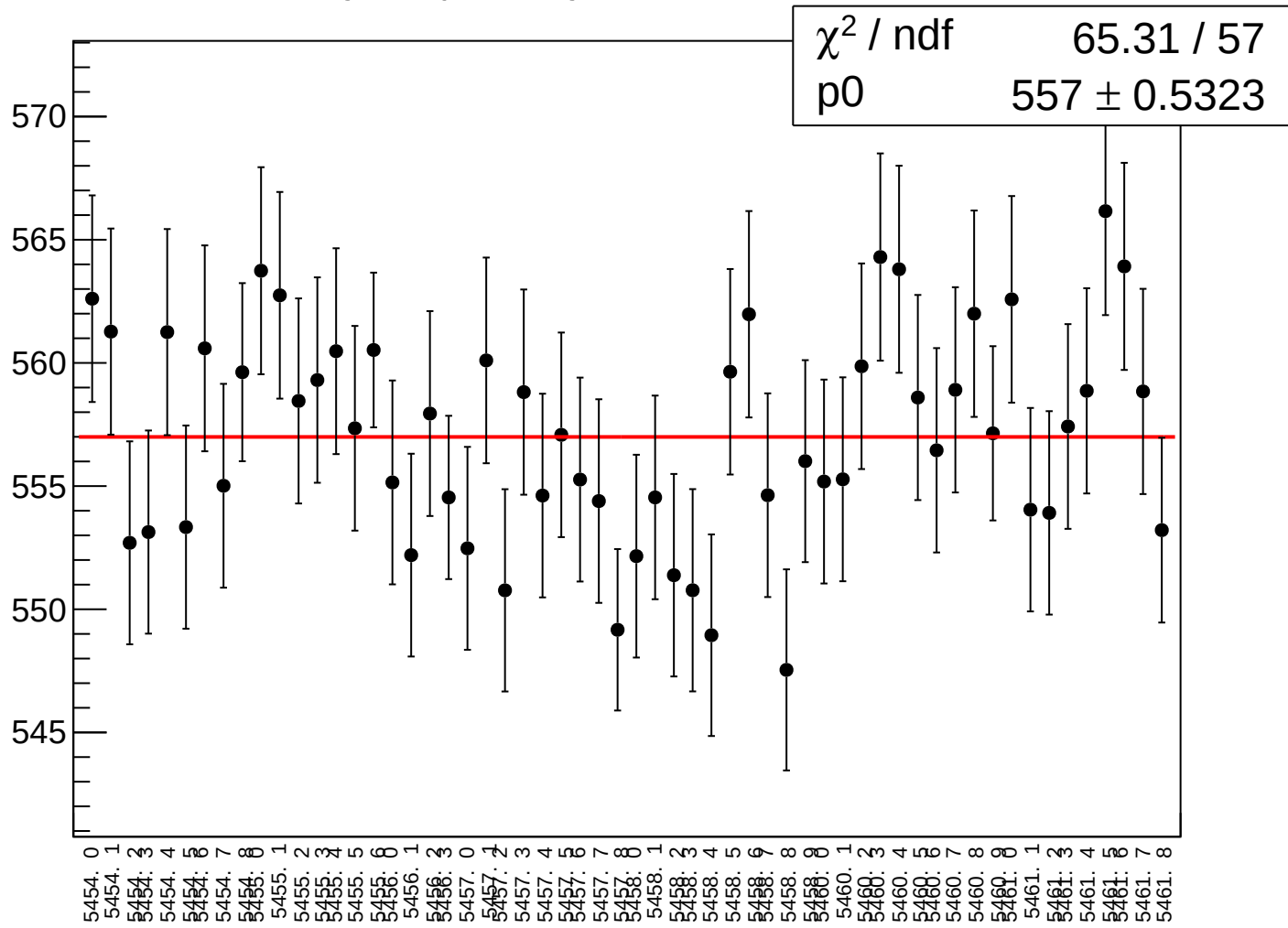
# asym\_right\_avg\_rms vs run



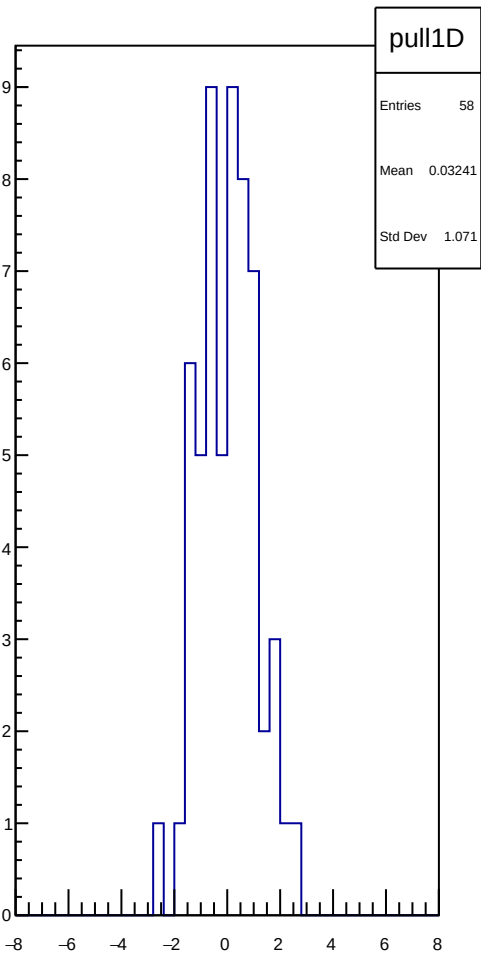
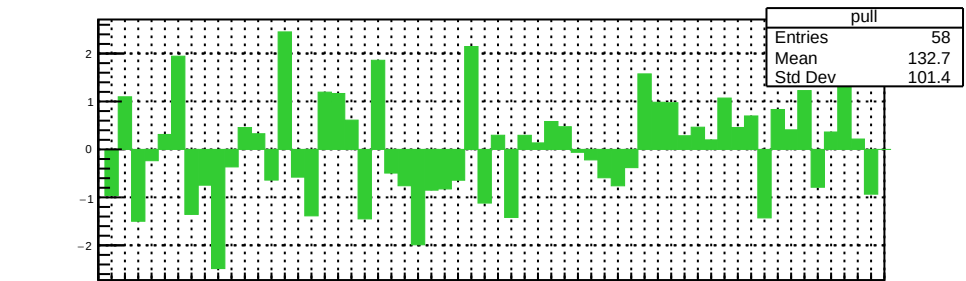
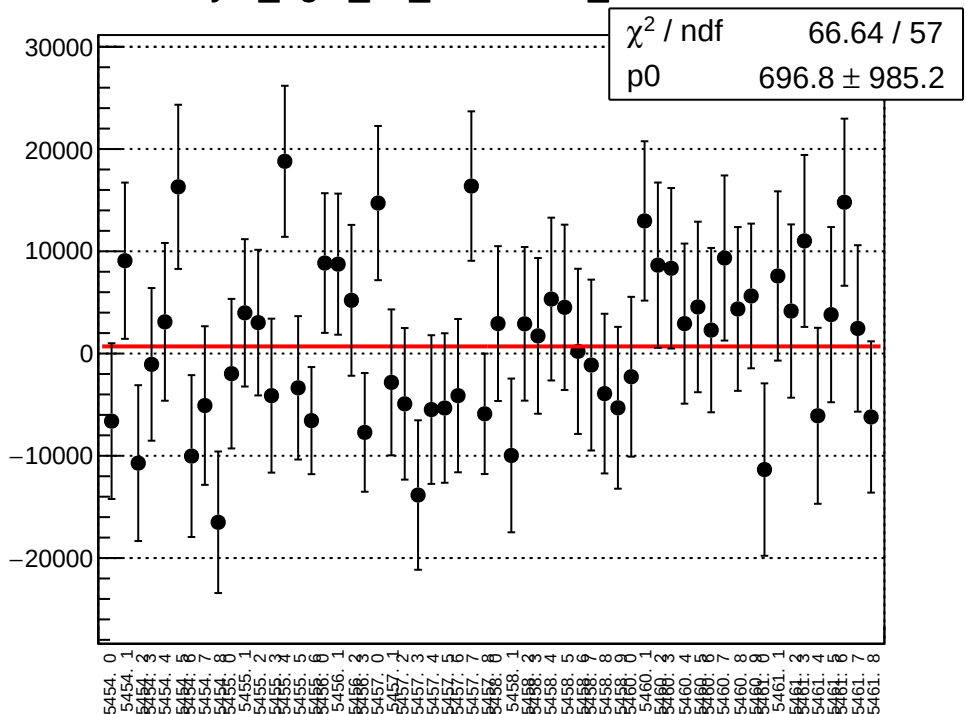
# reg\_asym\_right\_dd\_mean vs run



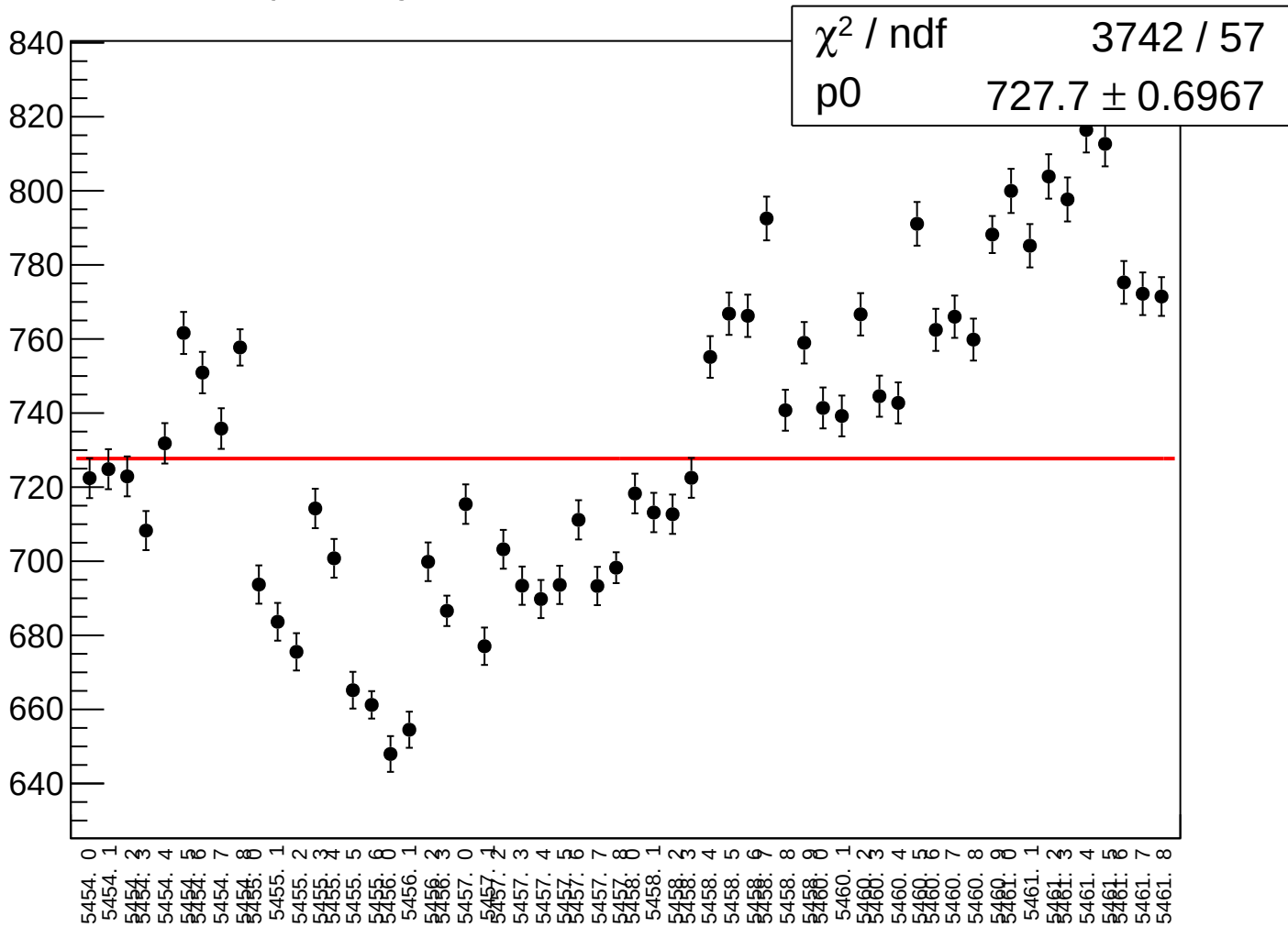
# reg\_asym\_right\_dd\_rms vs run



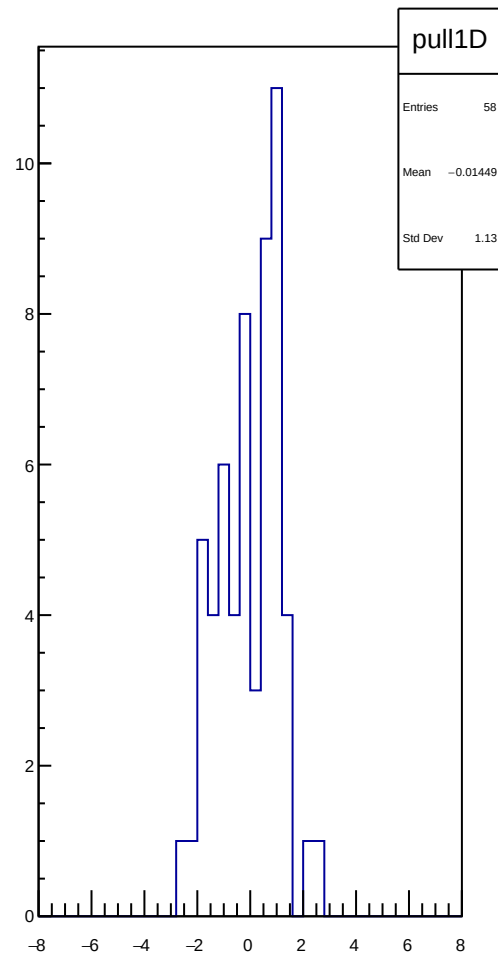
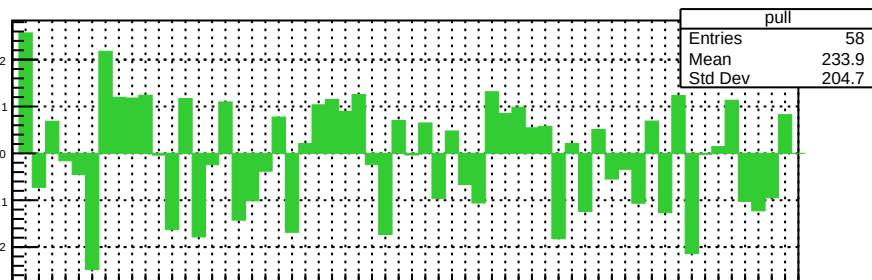
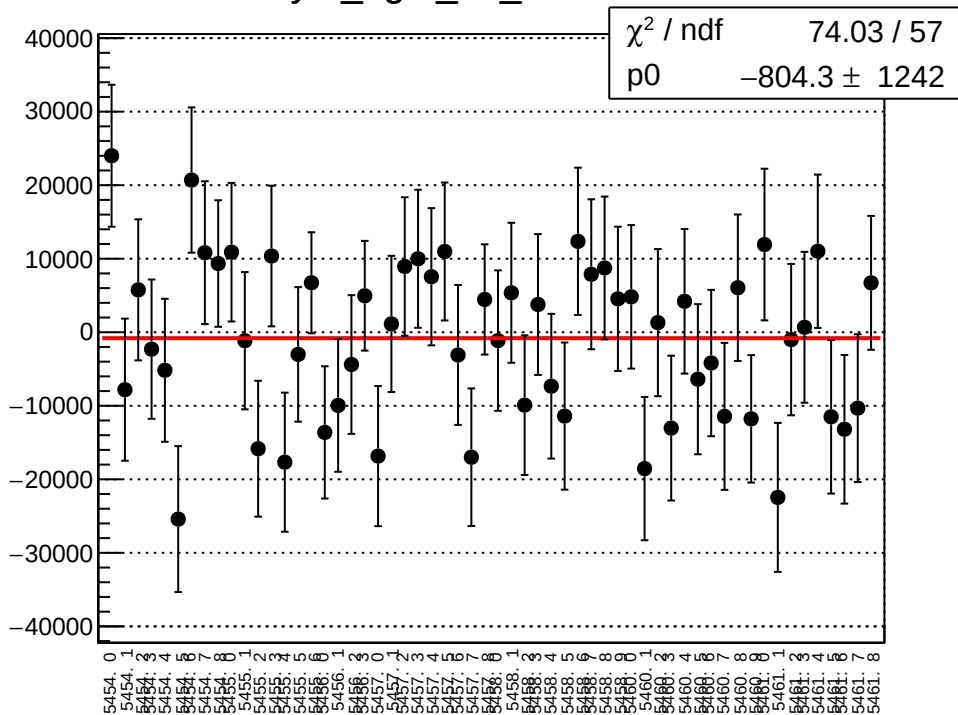
asym\_right\_dd\_correction\_mean vs run



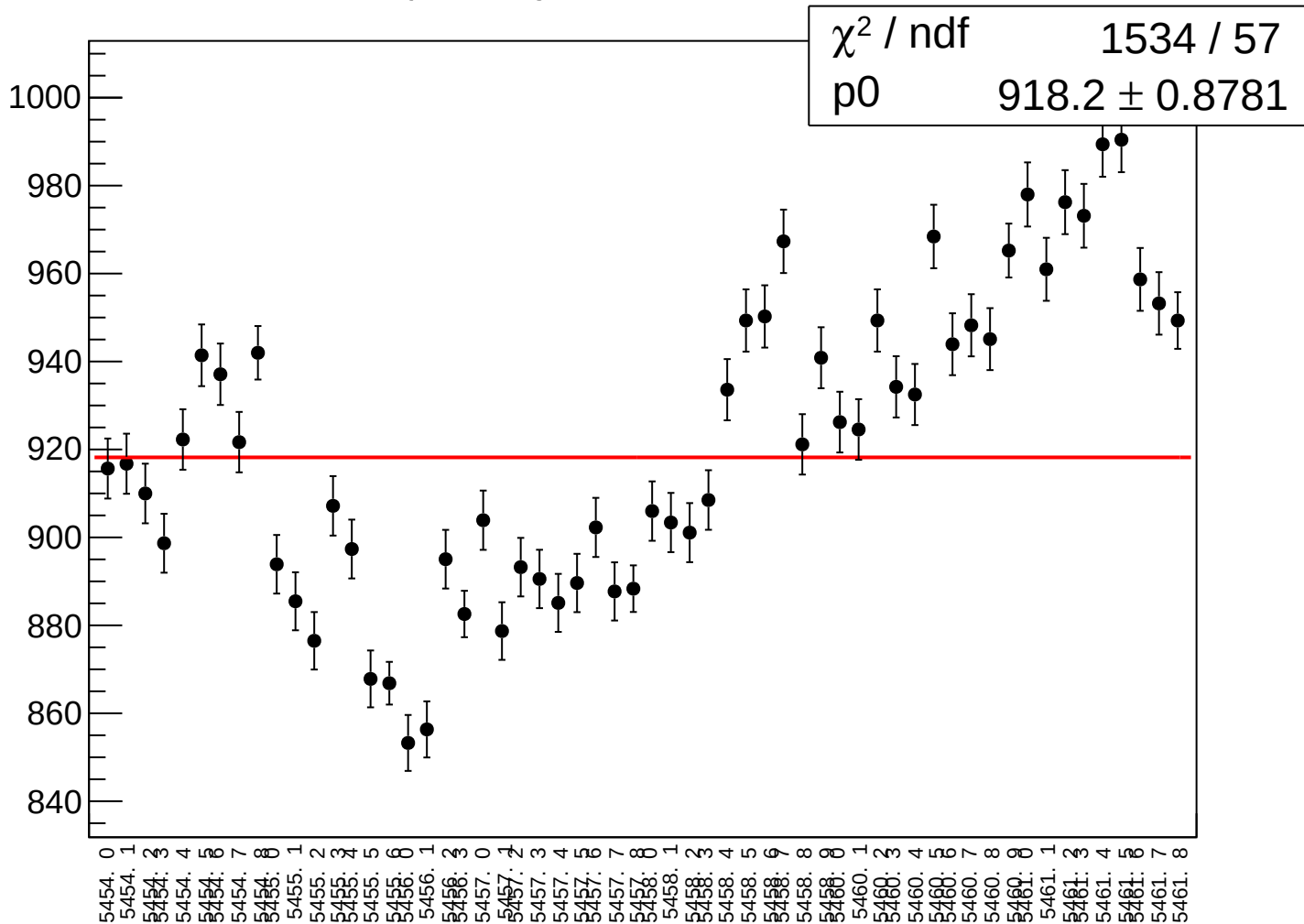
# asym\_right\_dd\_correction\_rms vs run



asym\_right\_dd\_mean vs run

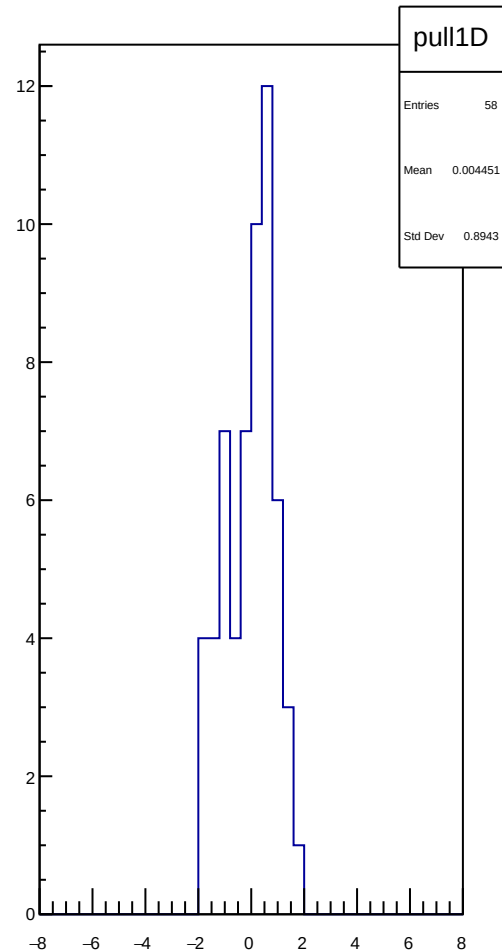
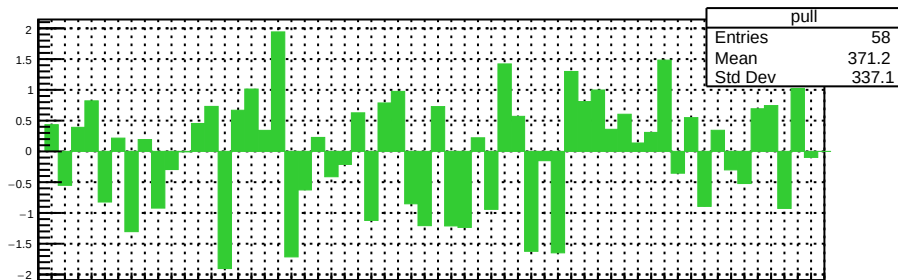
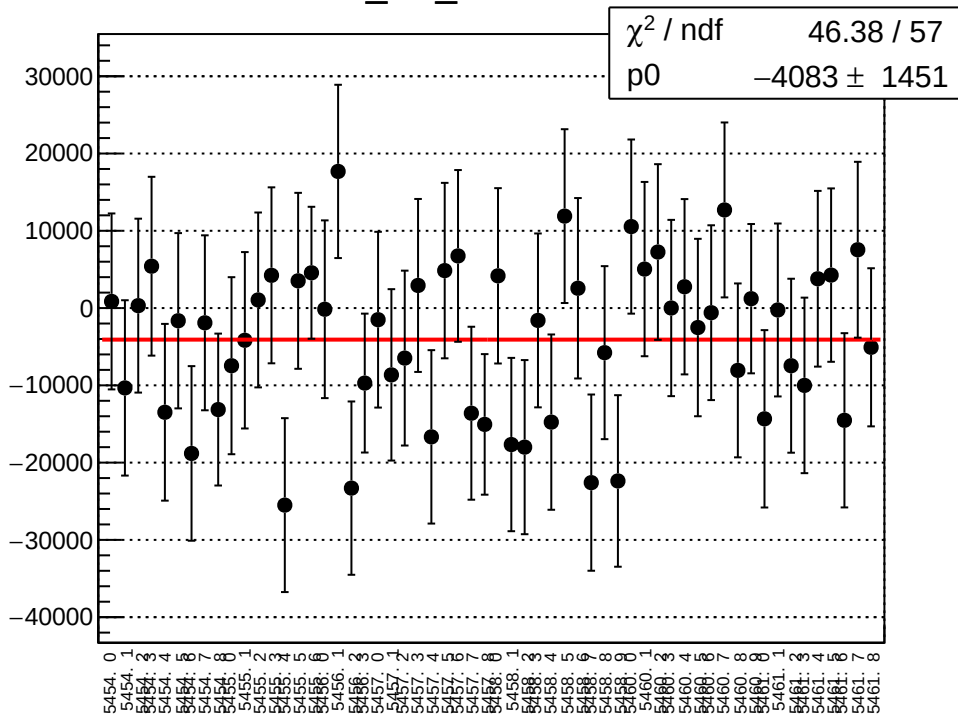


# asym\_right\_dd\_rms vs run

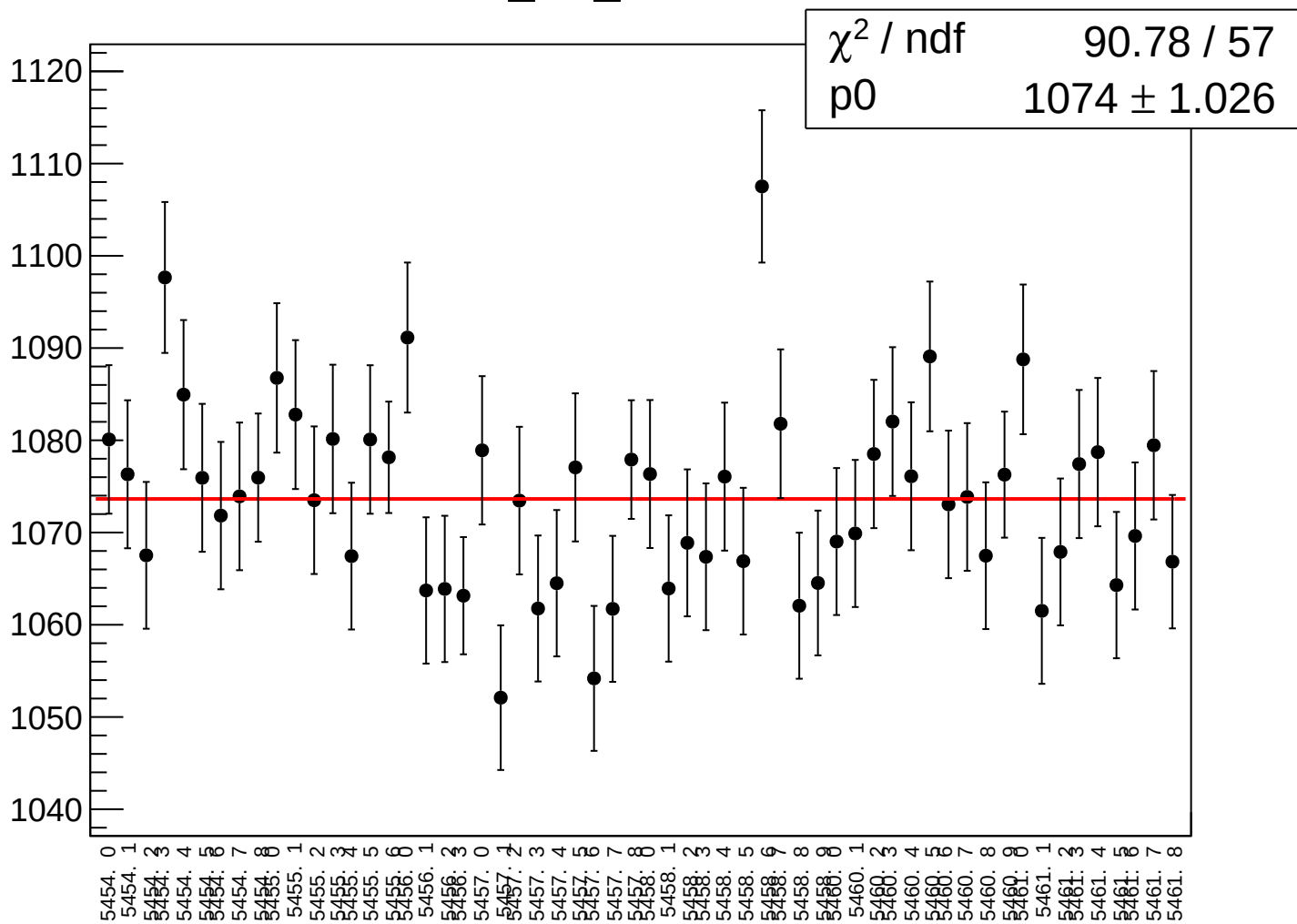




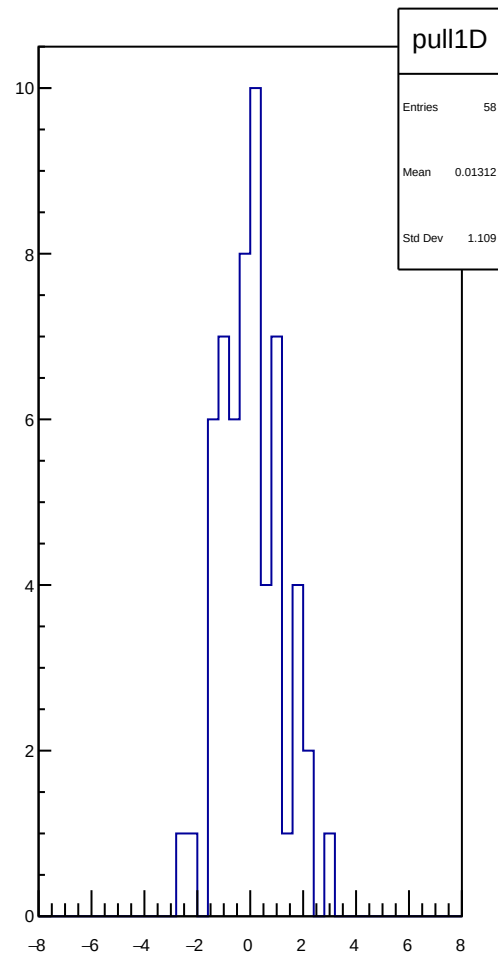
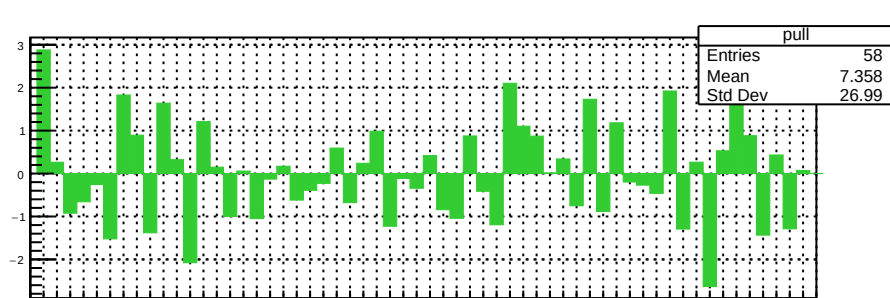
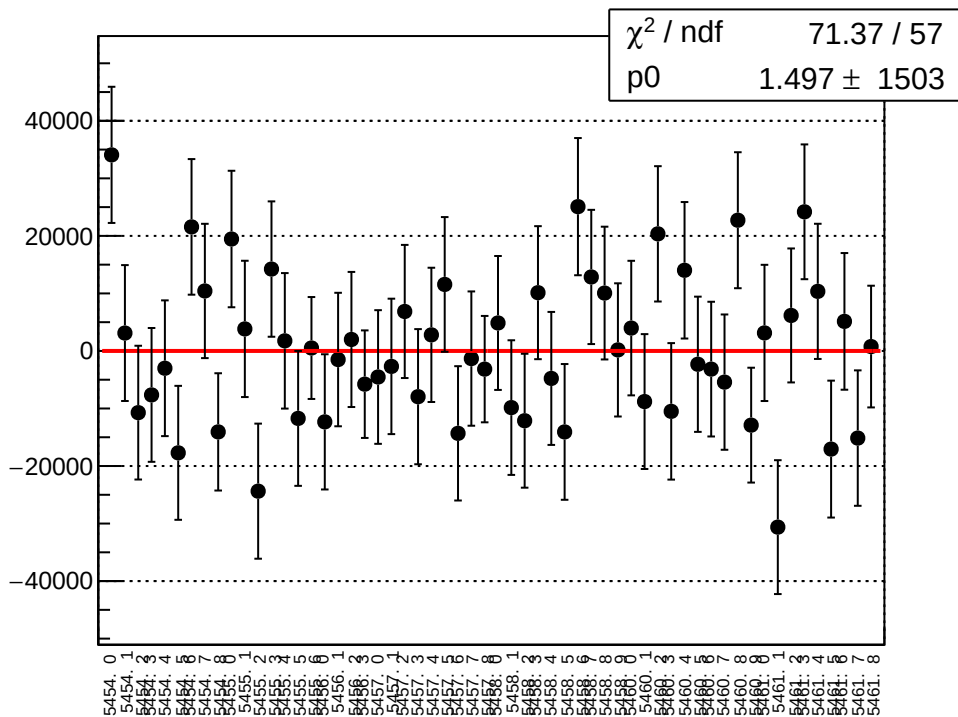
cor\_usl\_mean vs run



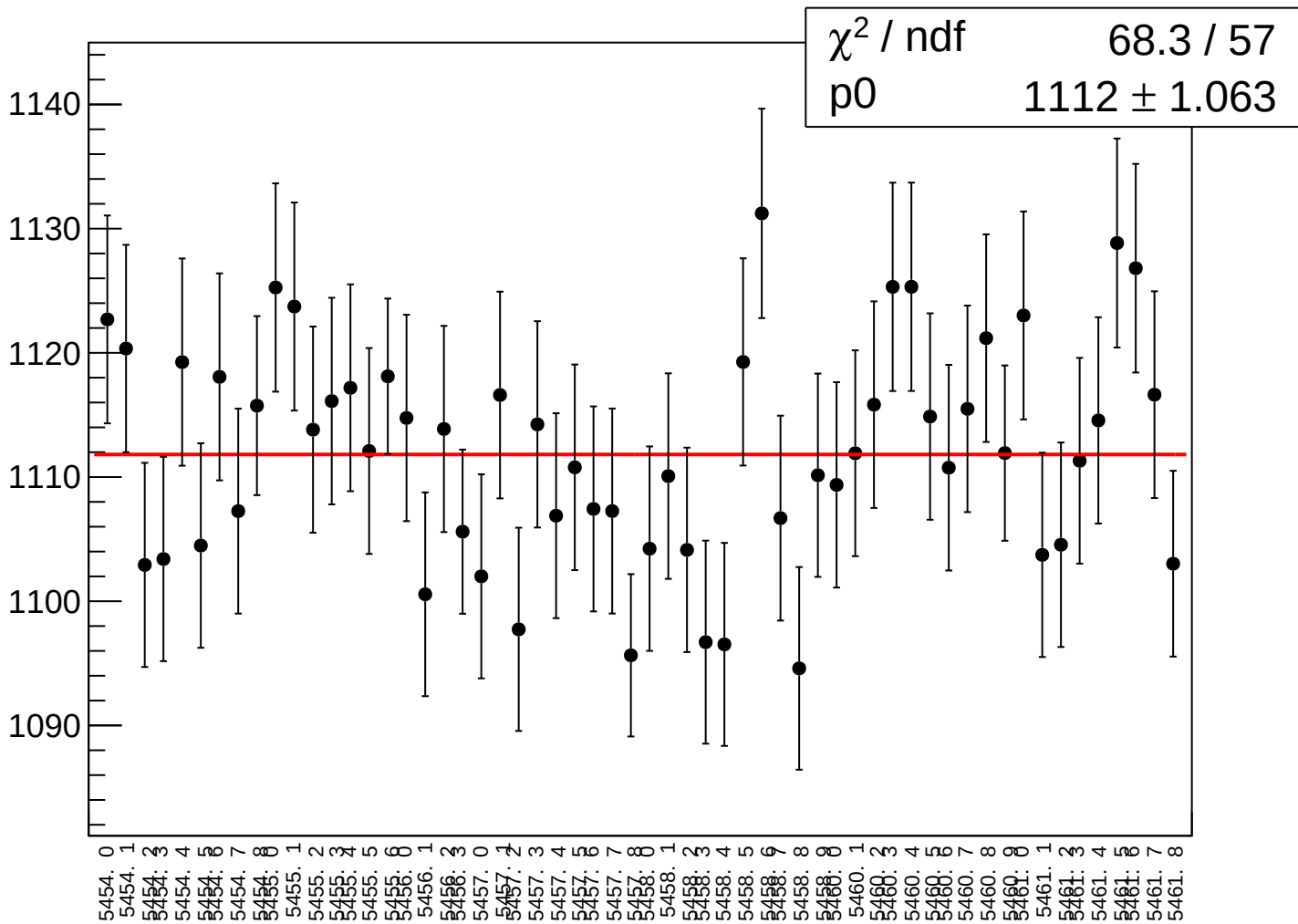
cor\_usl\_rms vs run



cor\_usr\_mean vs run

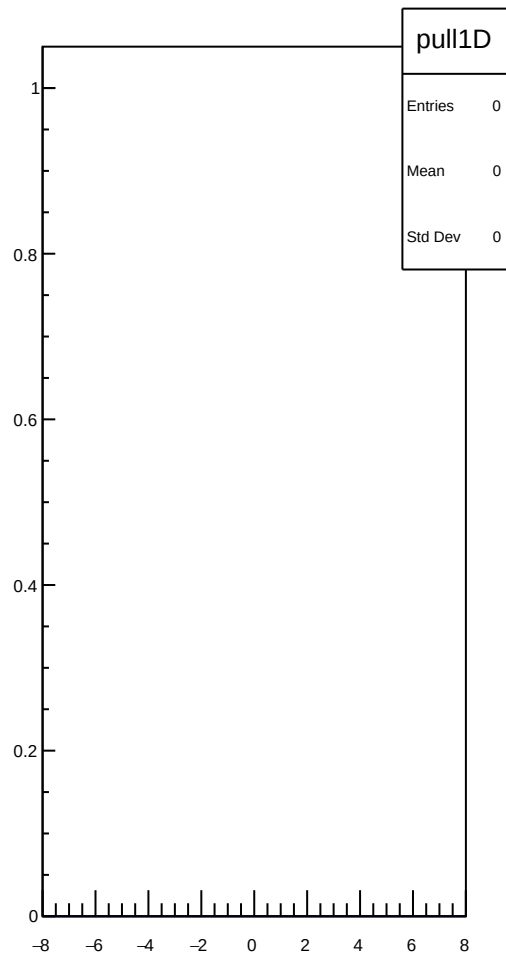


cor\_usr\_rms vs run























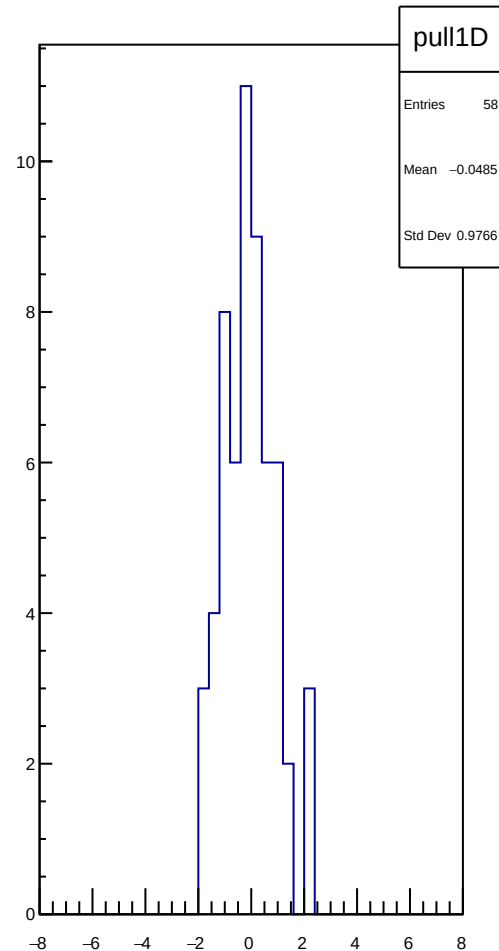
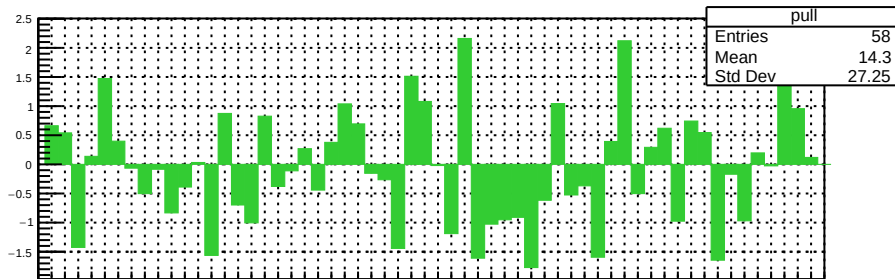
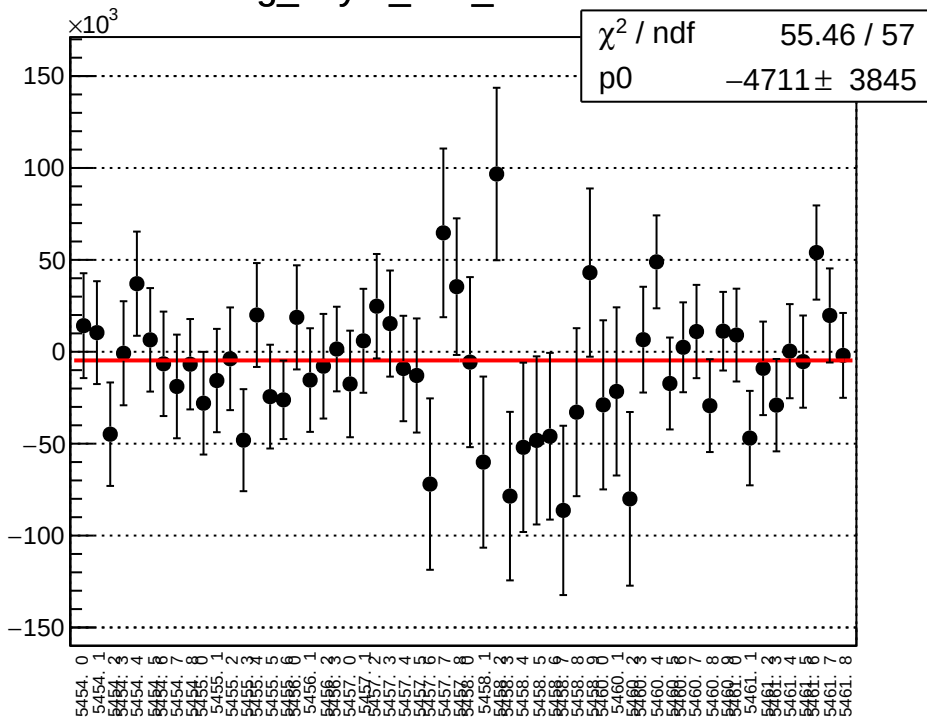




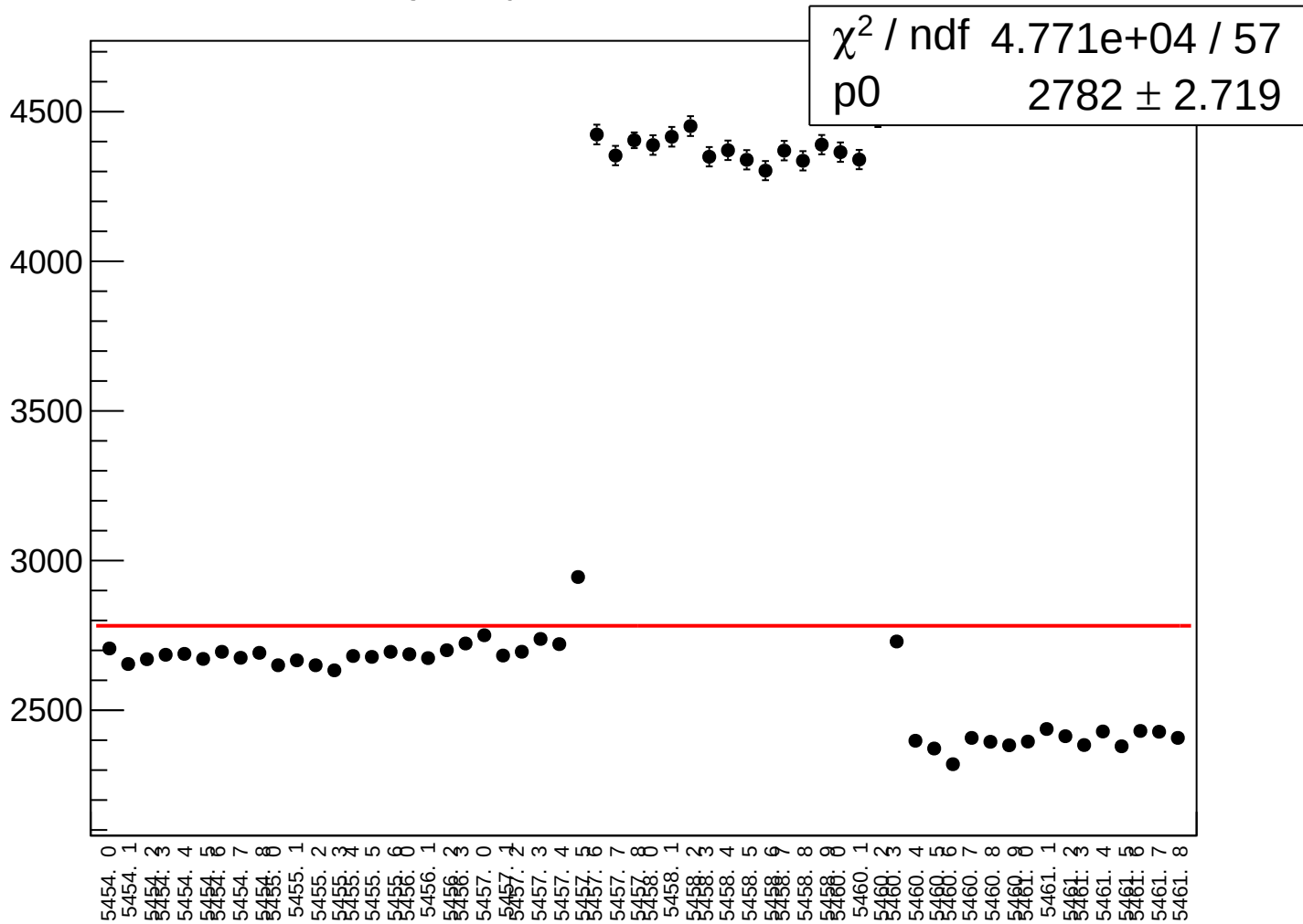




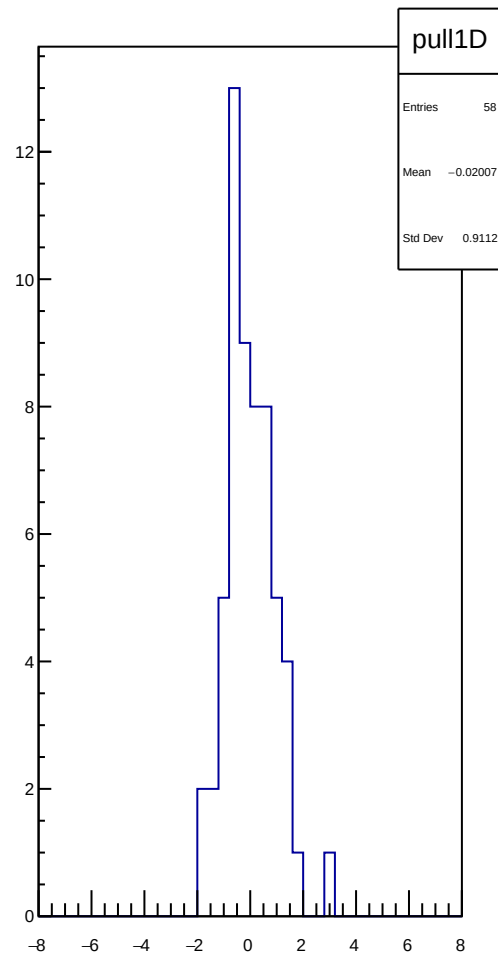
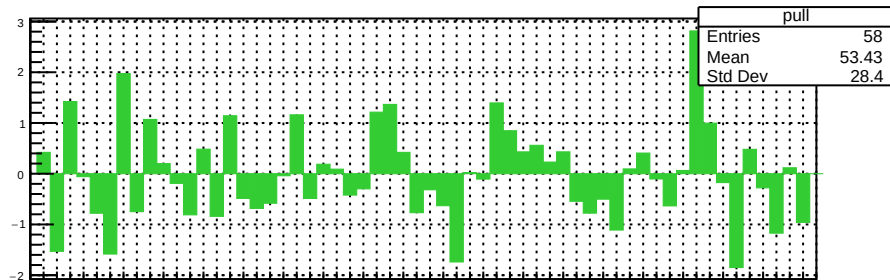
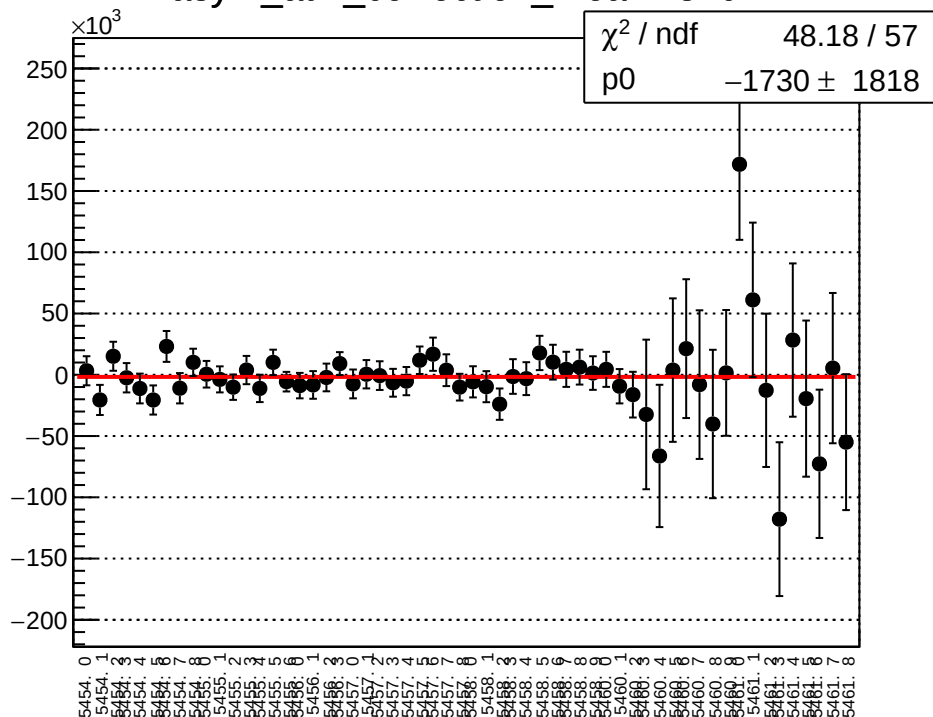
# reg\_asym\_atl1\_mean vs run



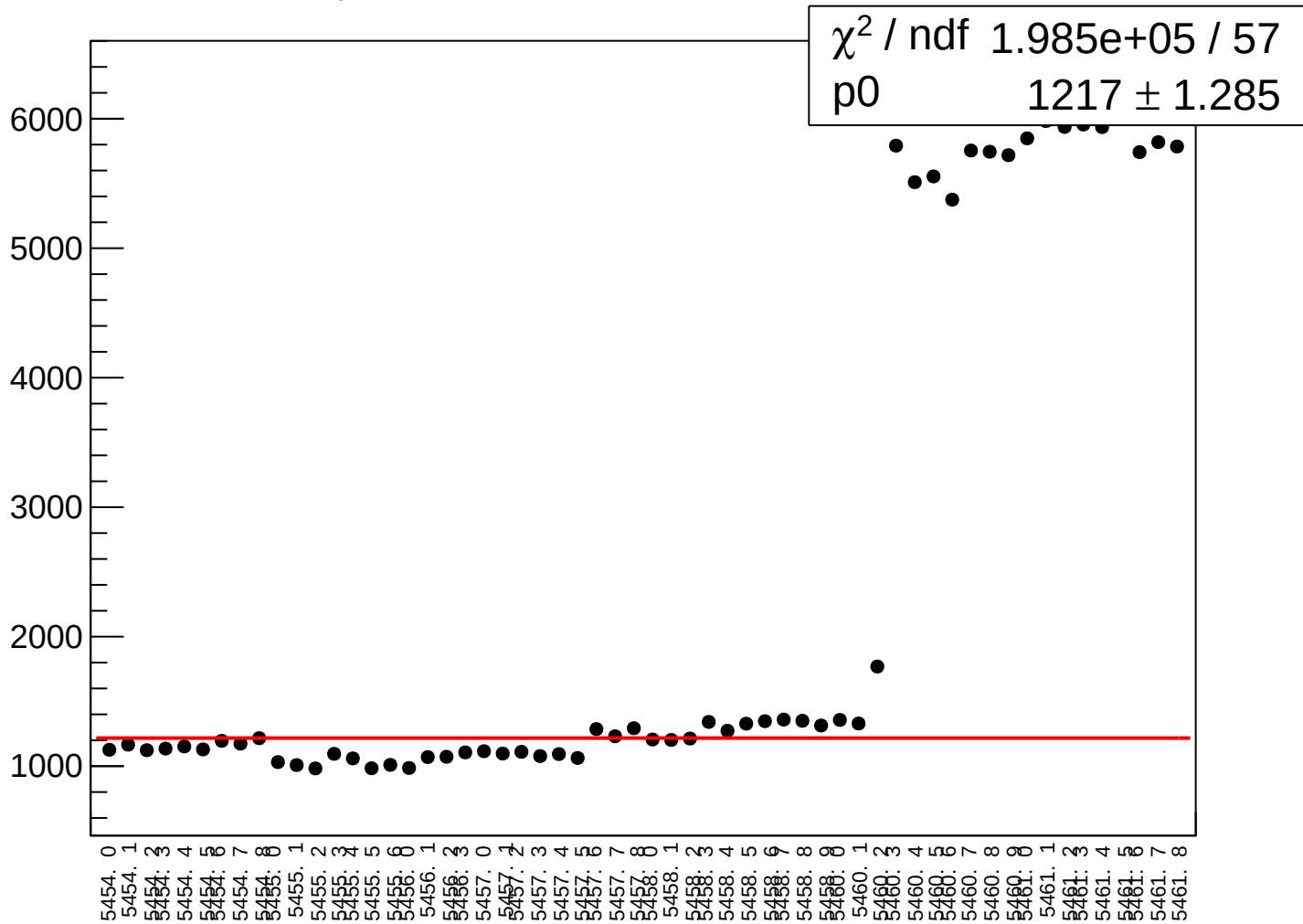
reg\_asym\_atl1\_rms vs run



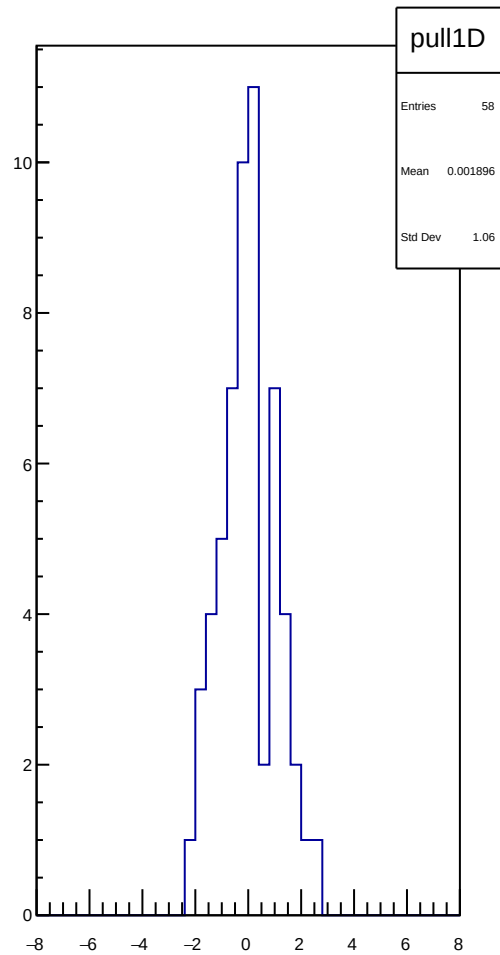
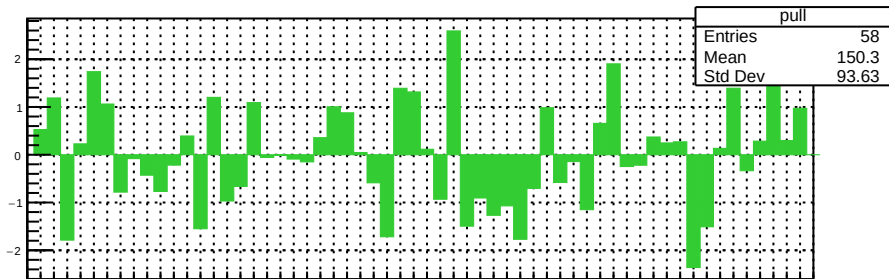
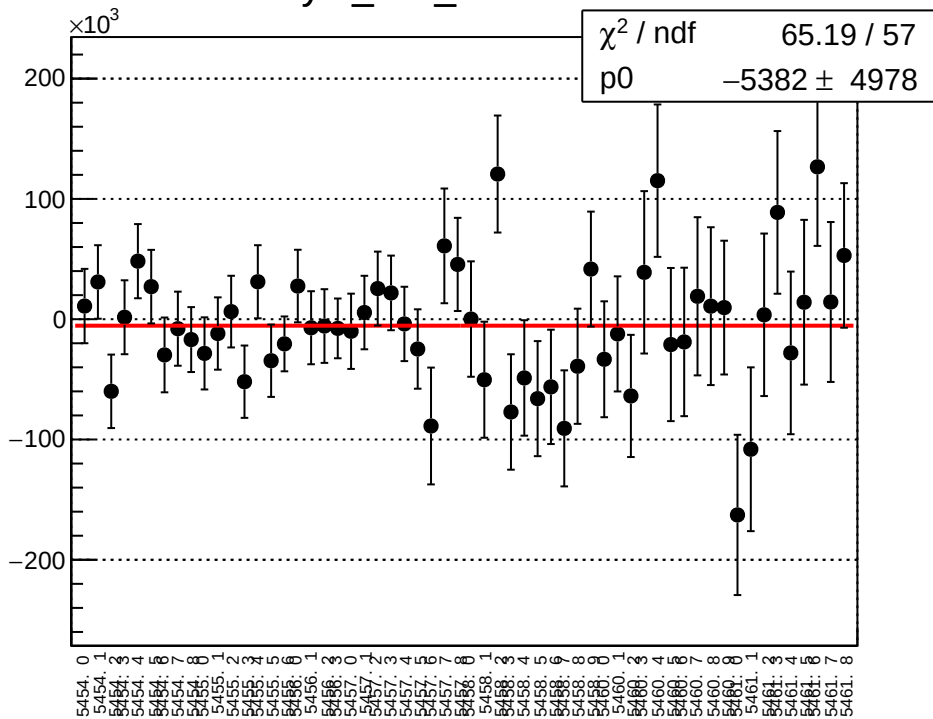
asym\_atl1\_correction\_mean vs run



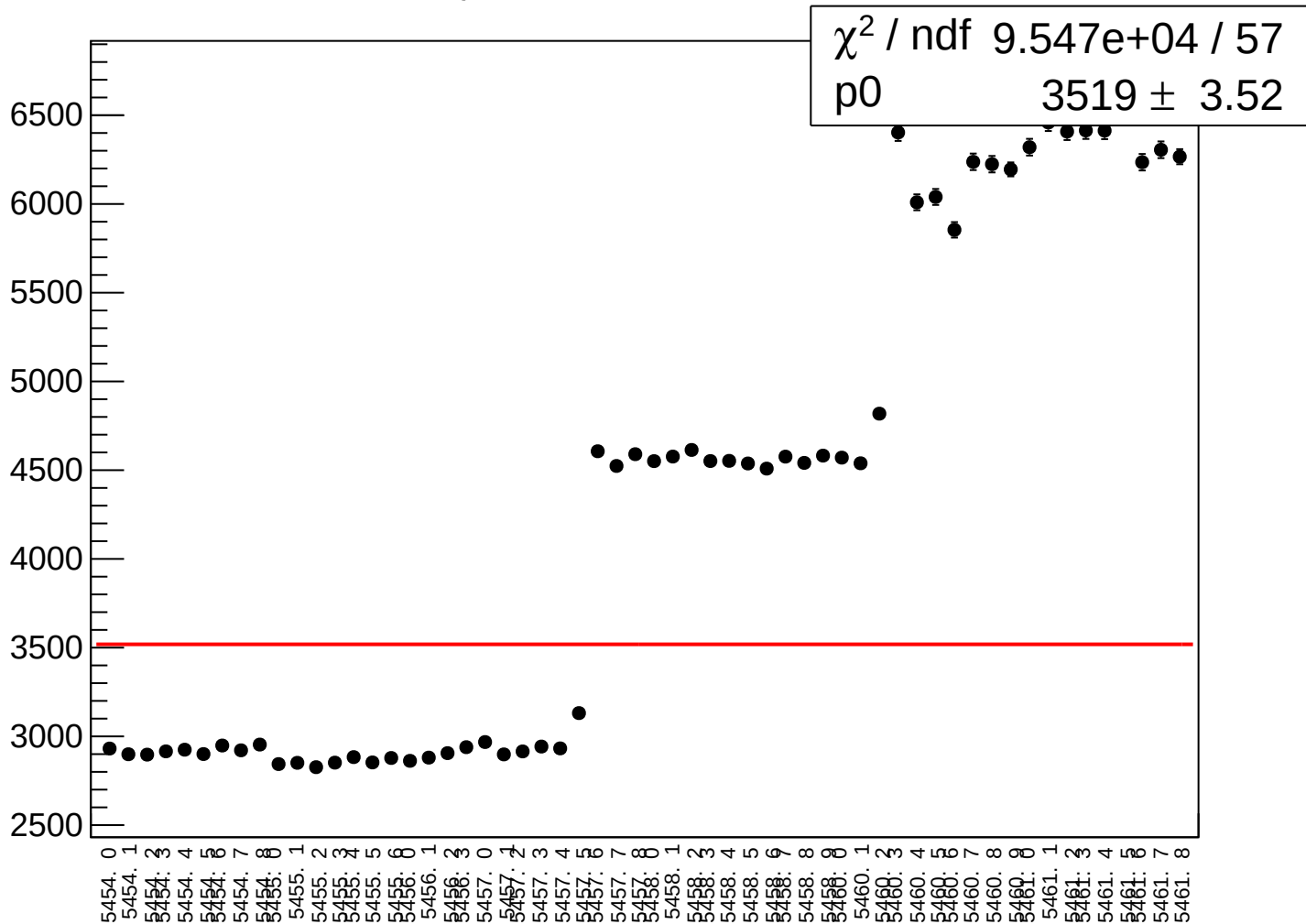
# asym\_atl1\_correction\_rms vs run



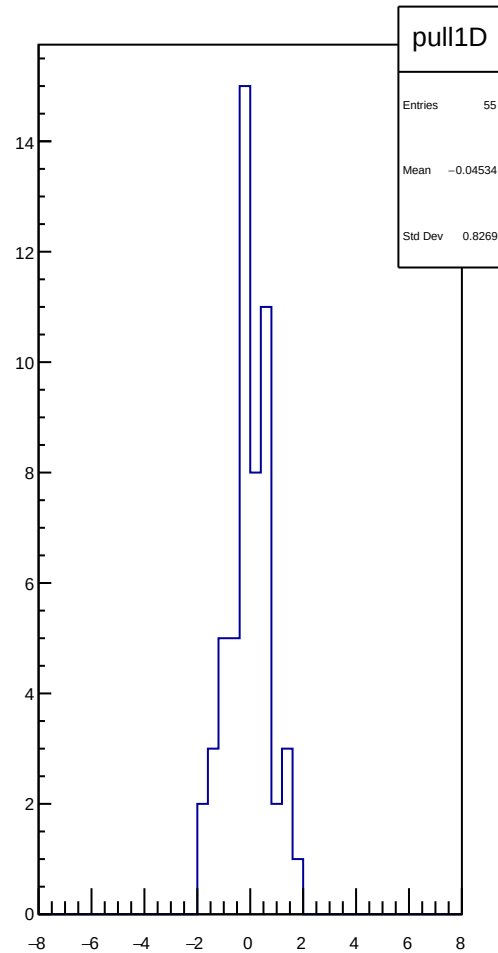
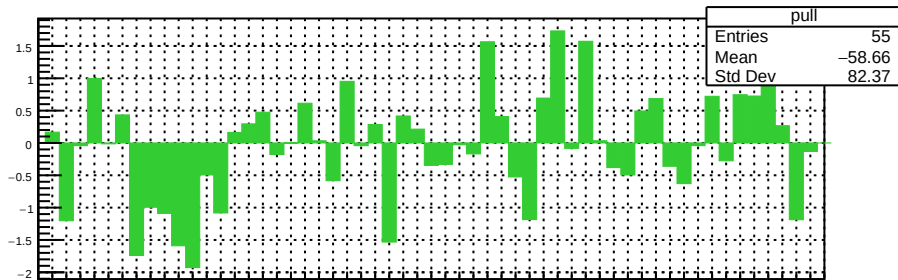
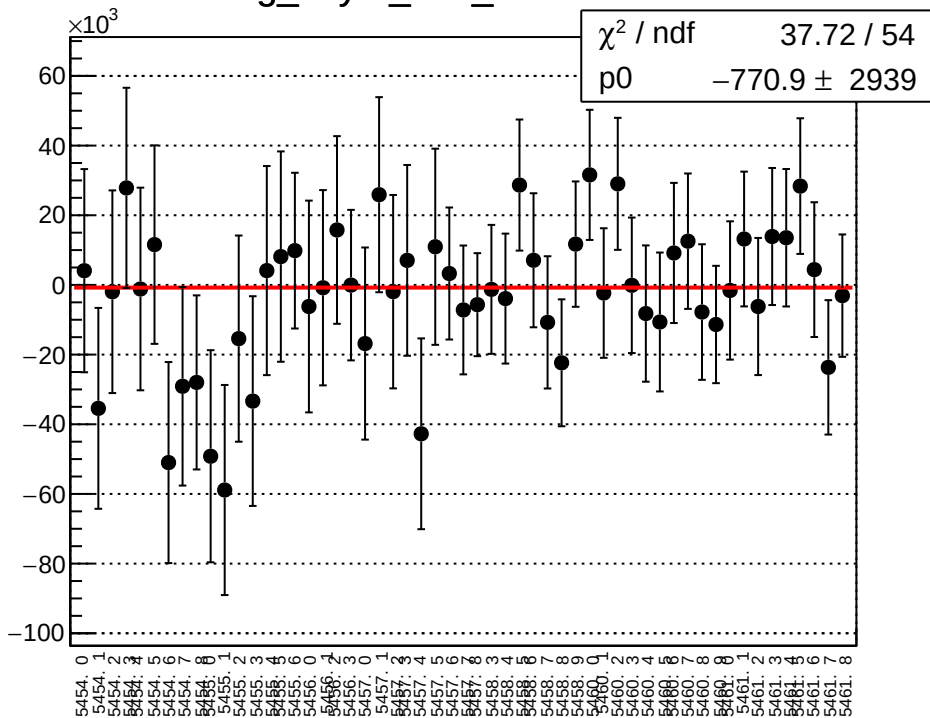
## asym\_atl1\_mean vs run



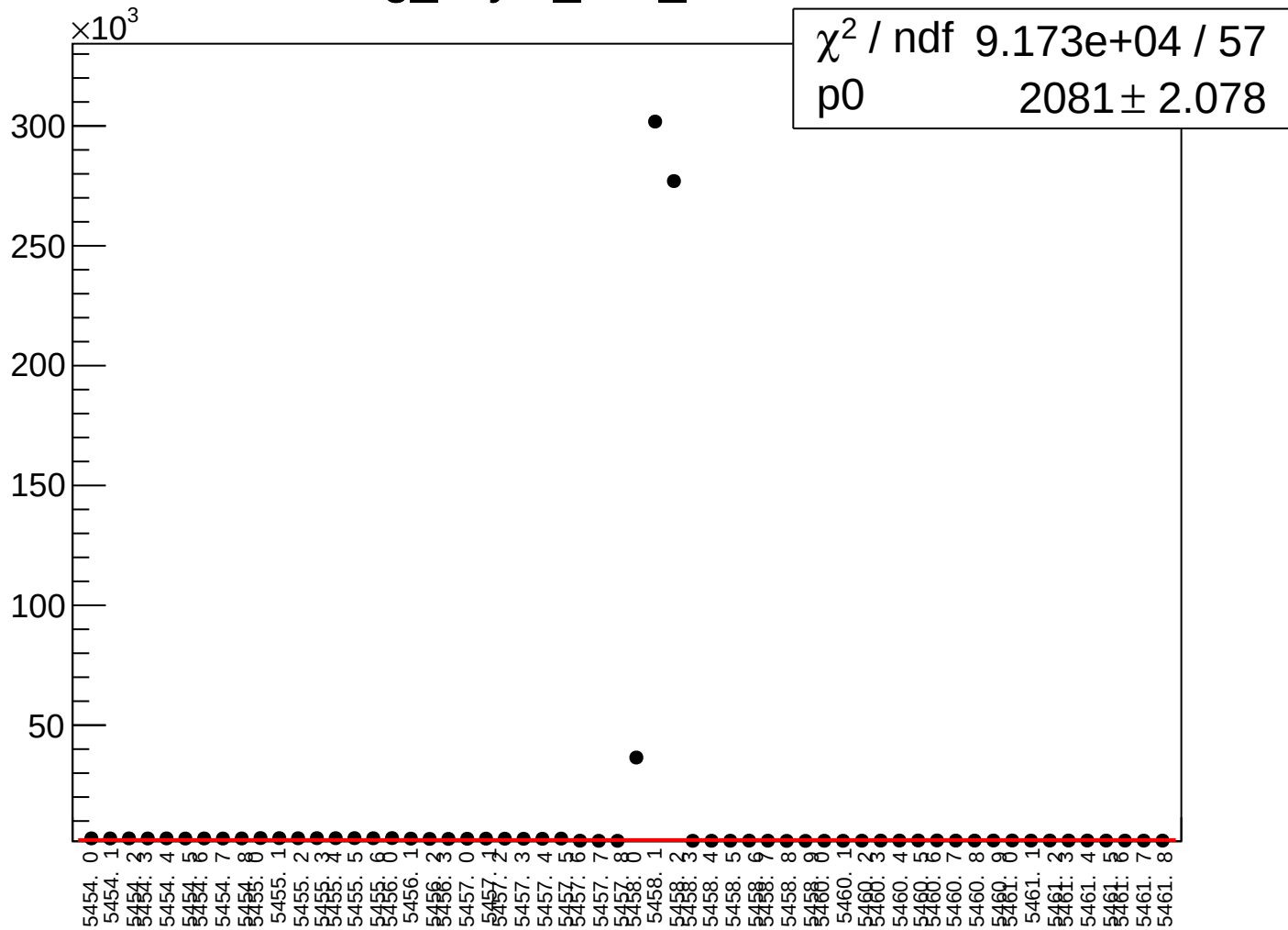
# asym\_atl1\_rms vs run



# reg\_asym\_atl2\_mean vs run

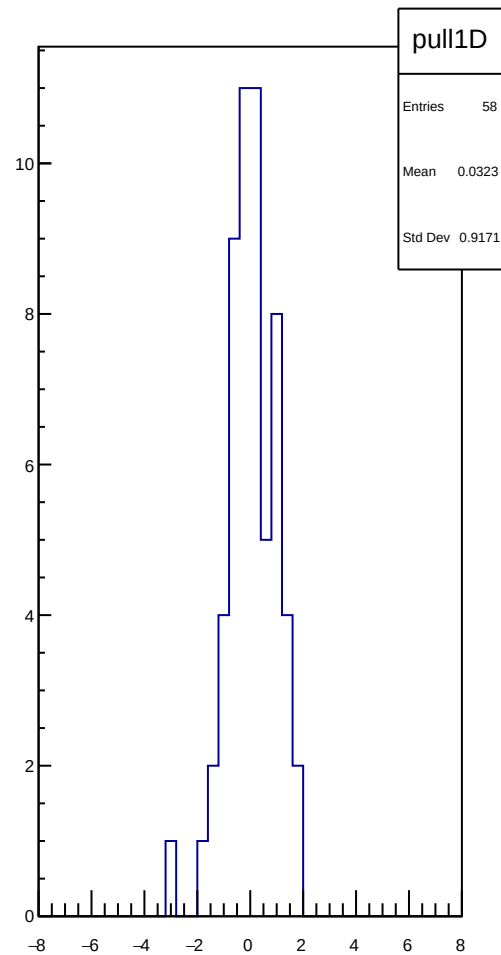
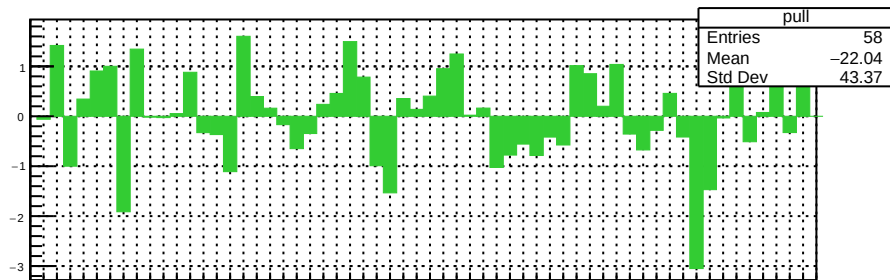
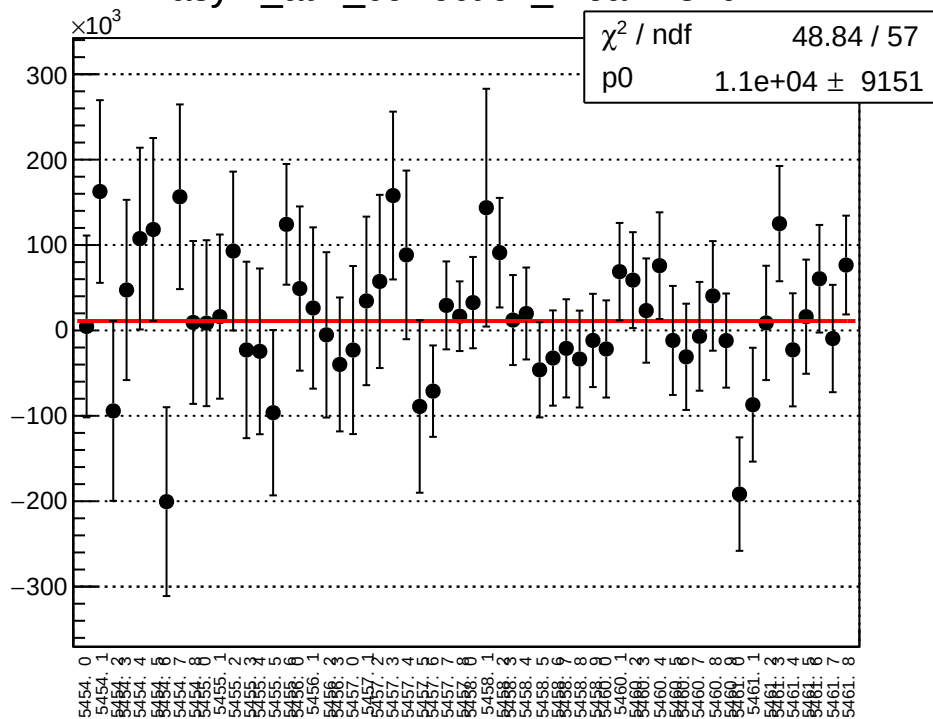


reg\_asym\_atl2\_rms vs run

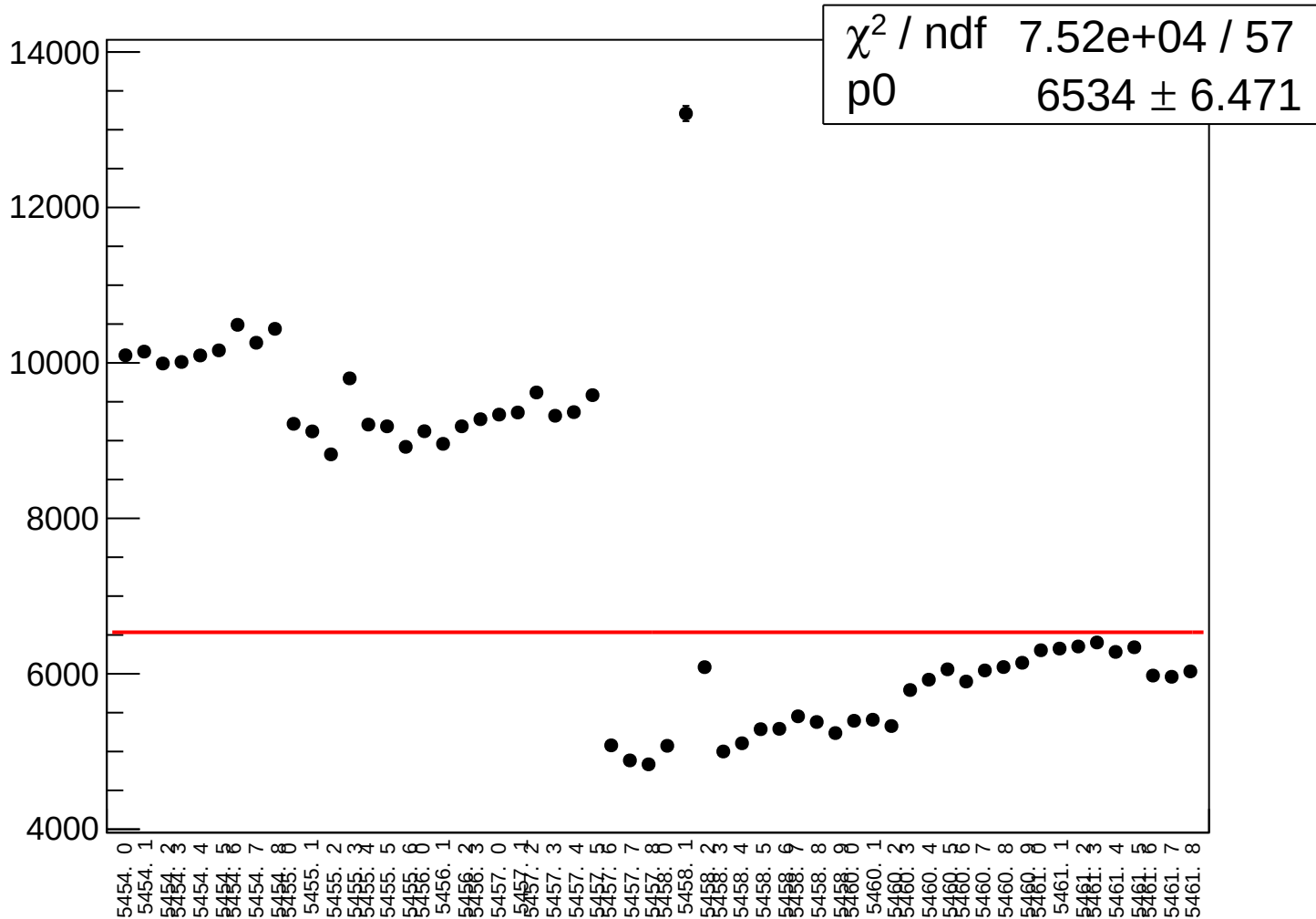




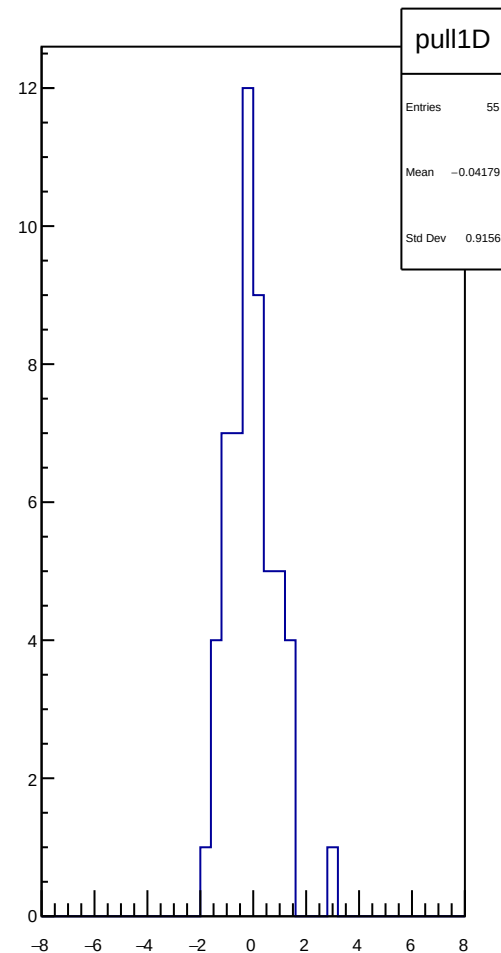
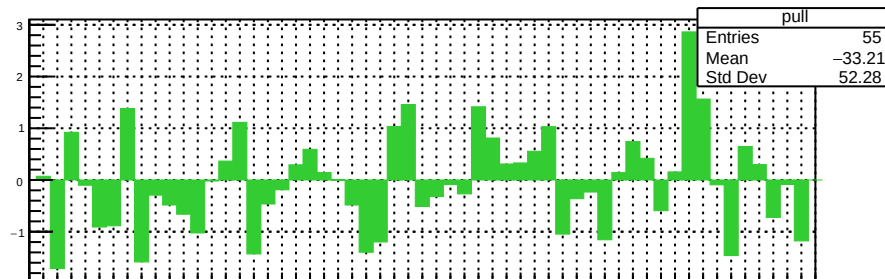
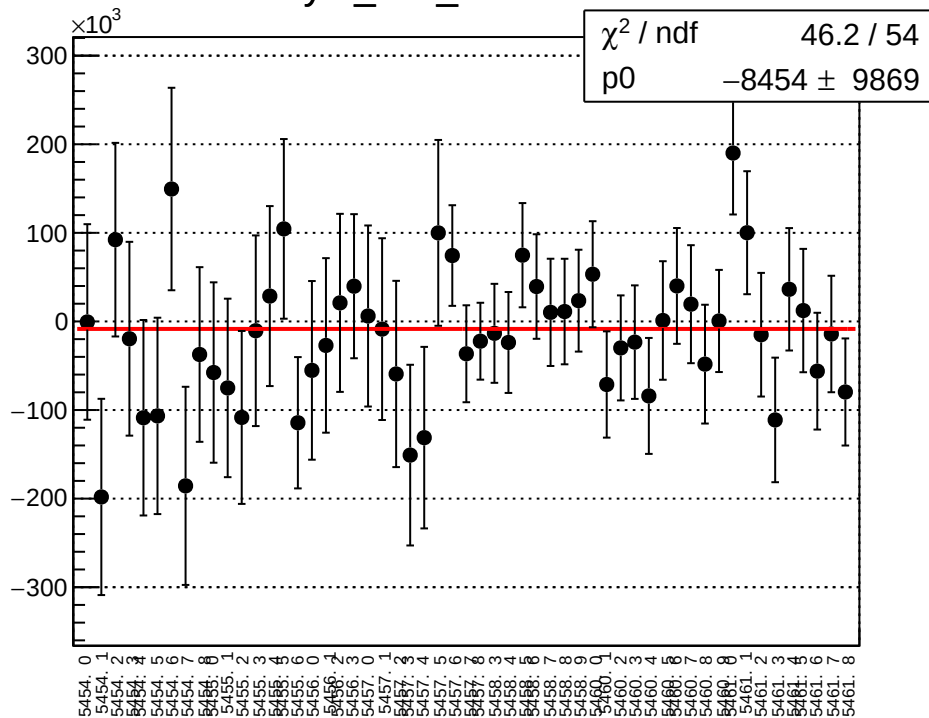
asym\_atl2\_correction\_mean vs run



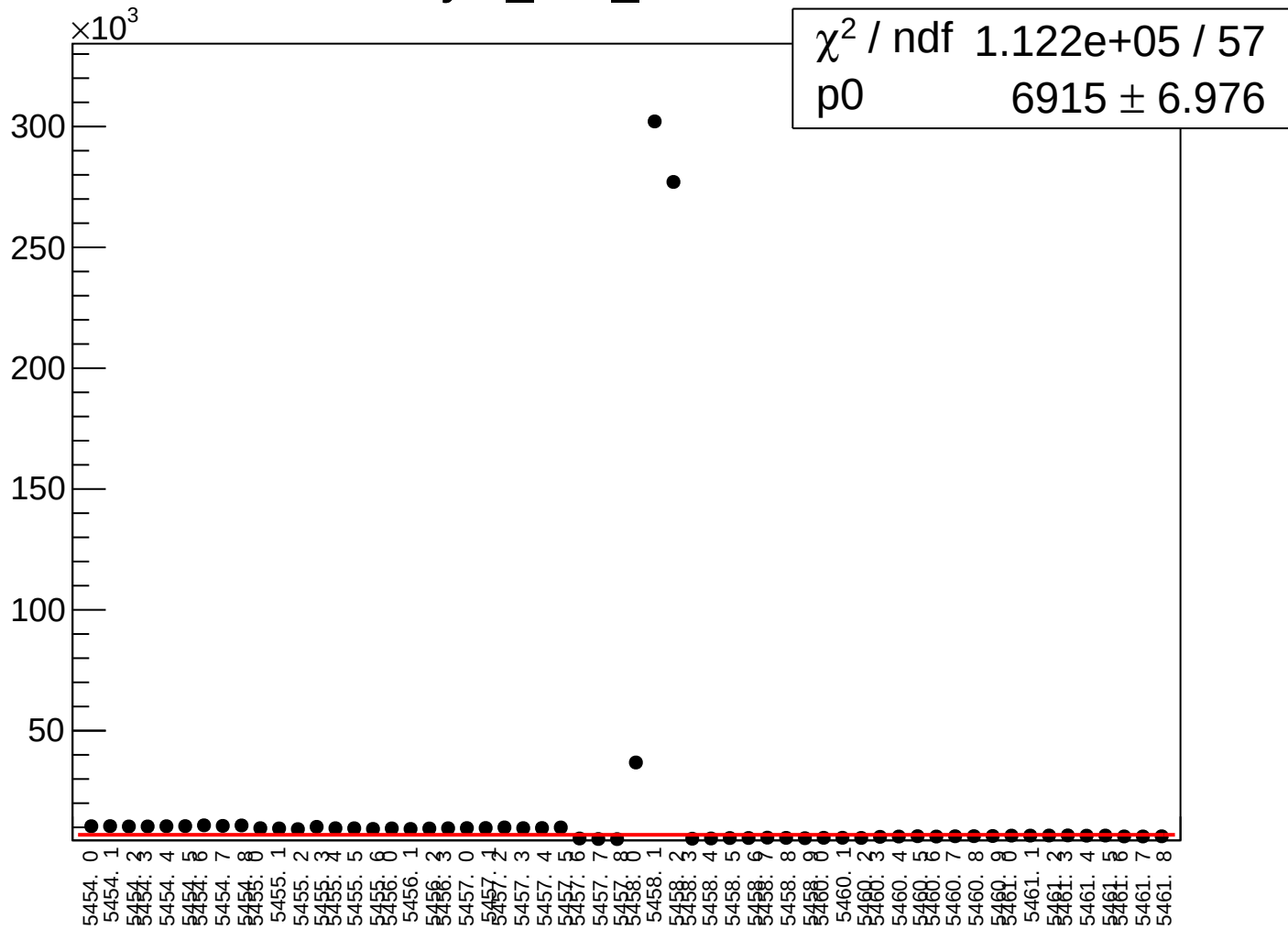
# asym\_atl2\_correction\_rms vs run



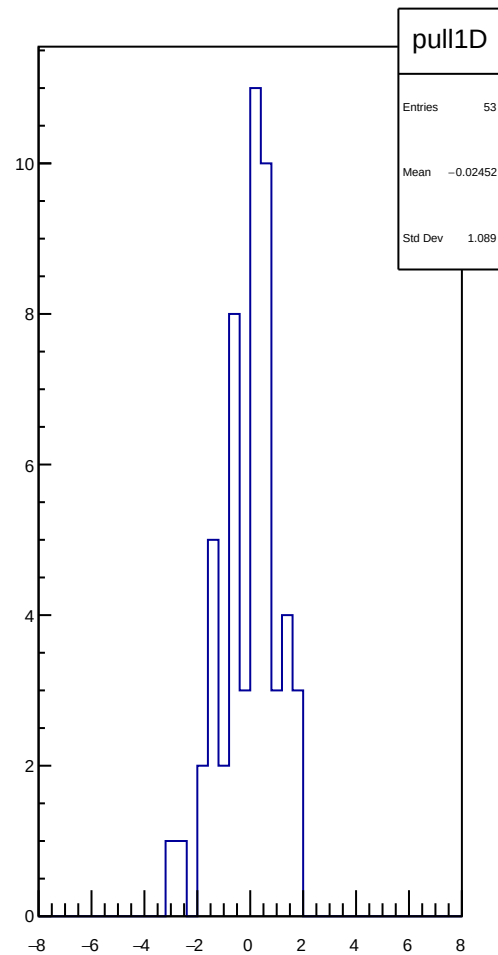
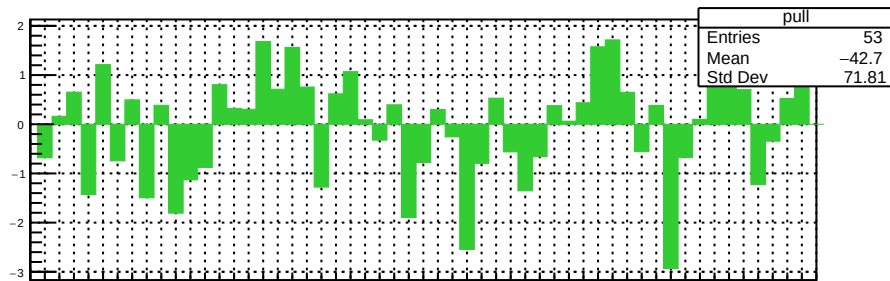
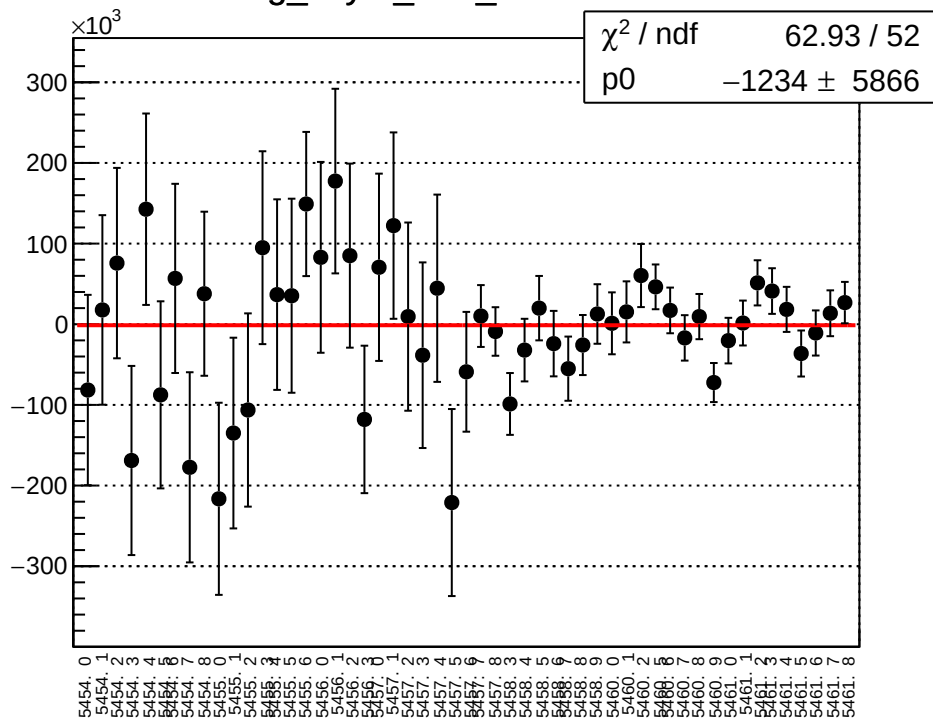
asym\_atl2\_mean vs run



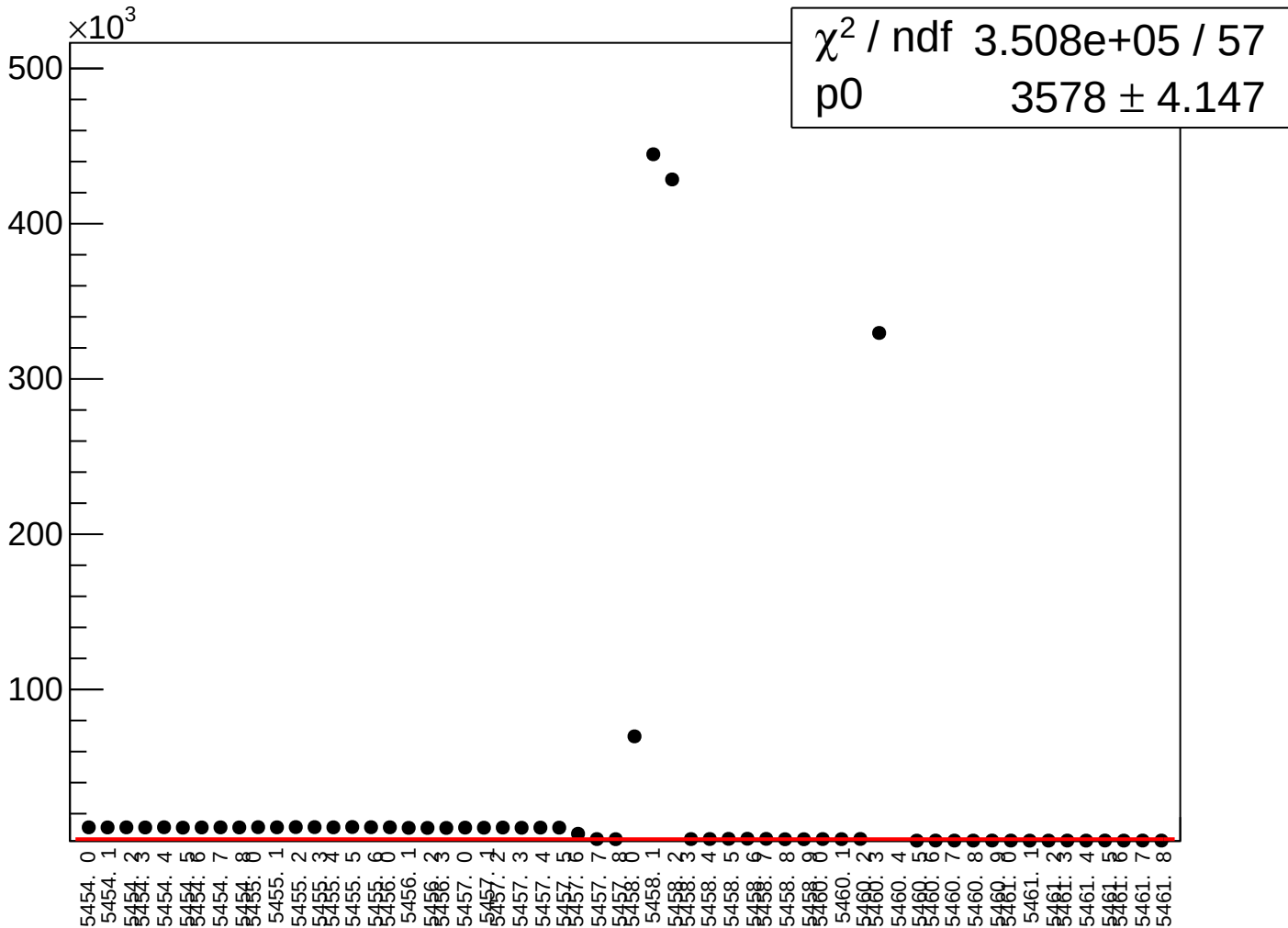
# asym\_atl2\_rms vs run



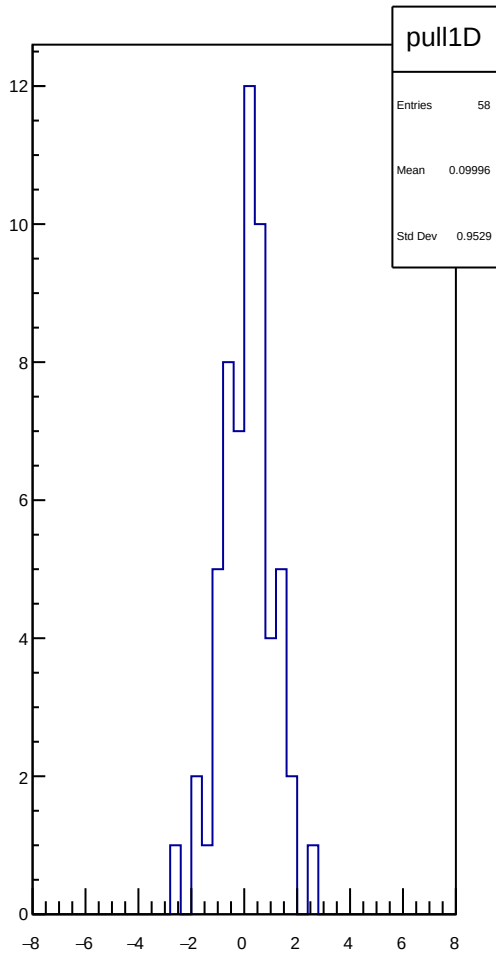
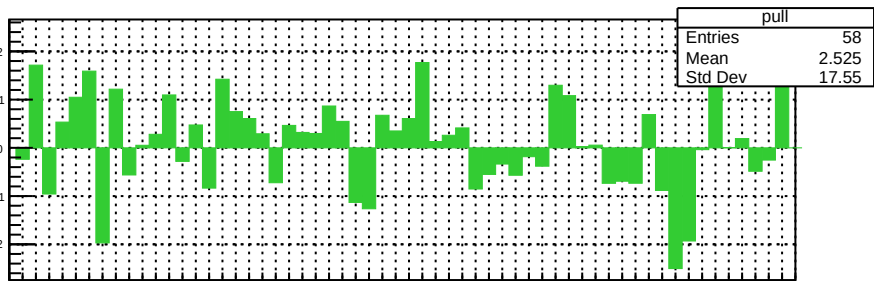
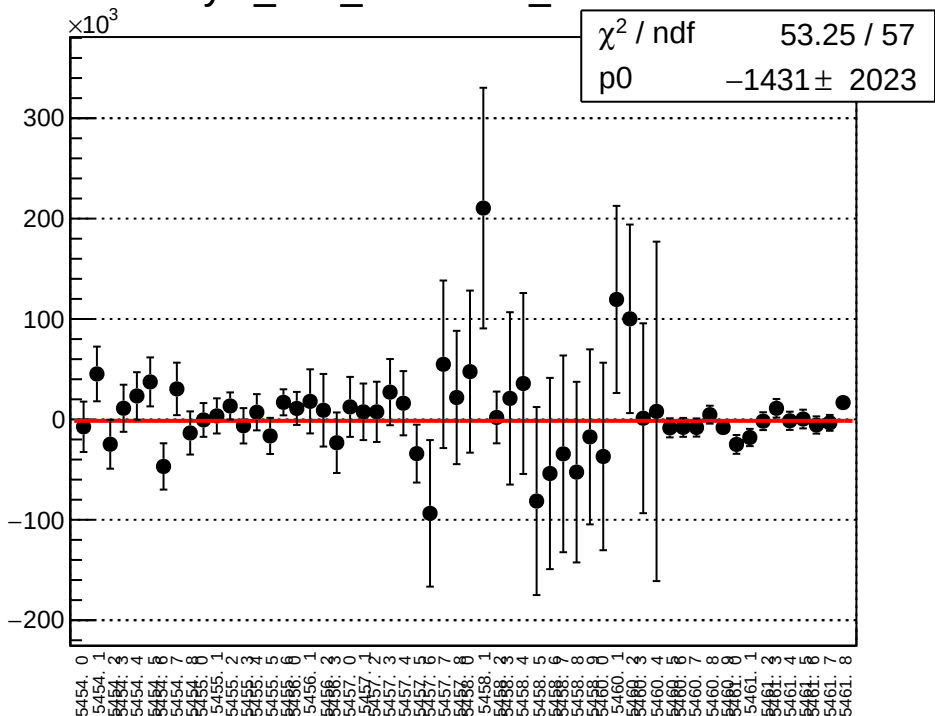
## reg\_asym\_atr1\_mean vs run



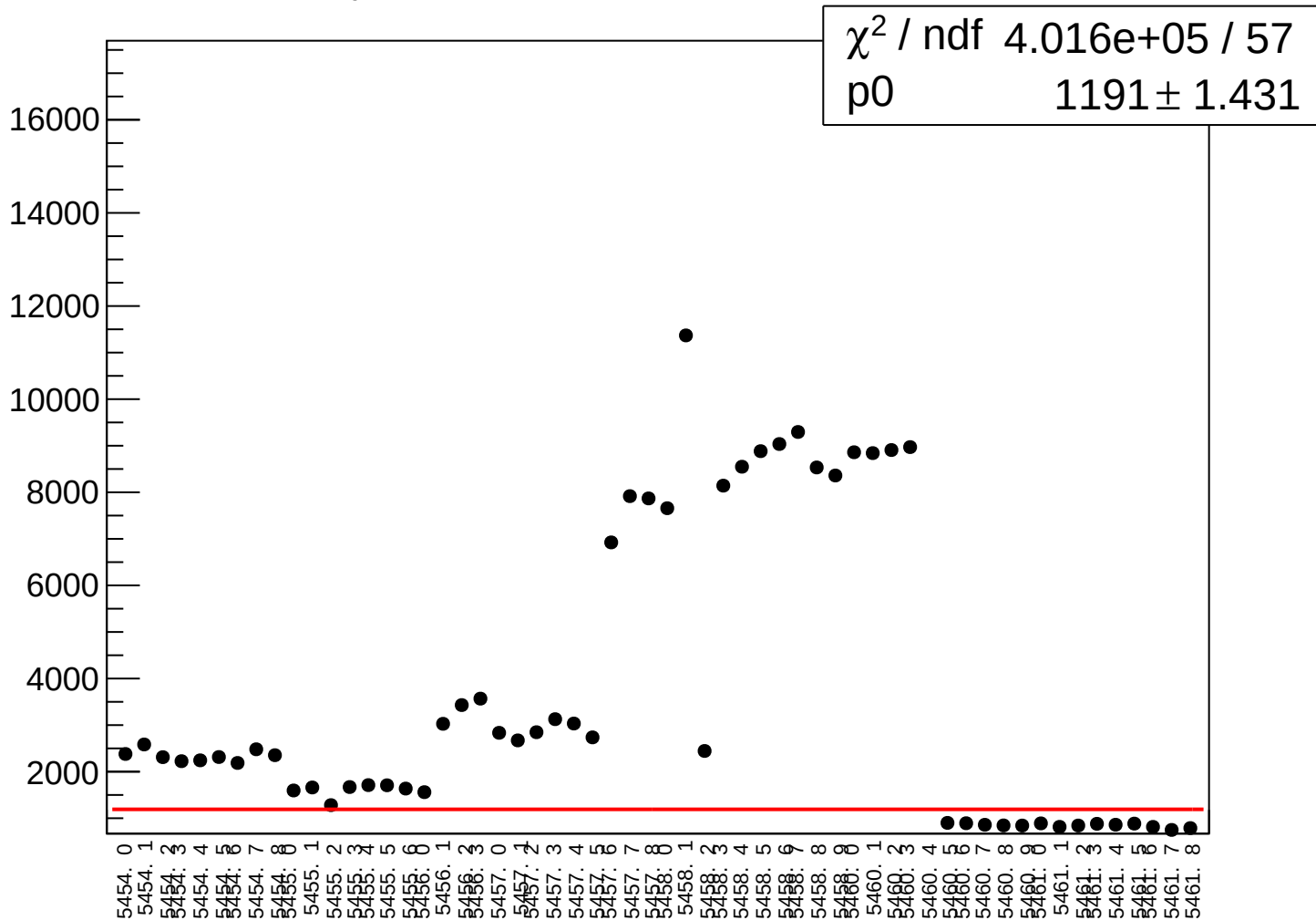
# reg\_asym\_atr1\_rms vs run



# asym\_atr1\_correction\_mean vs run

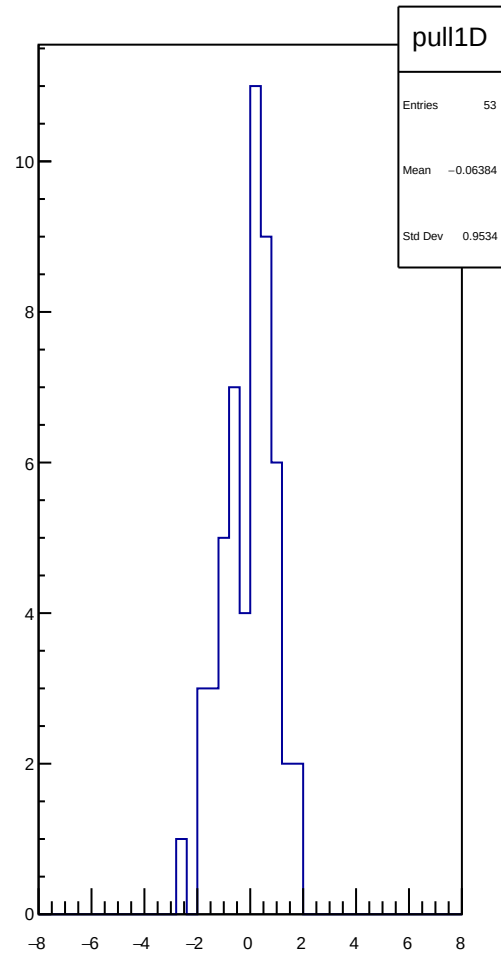
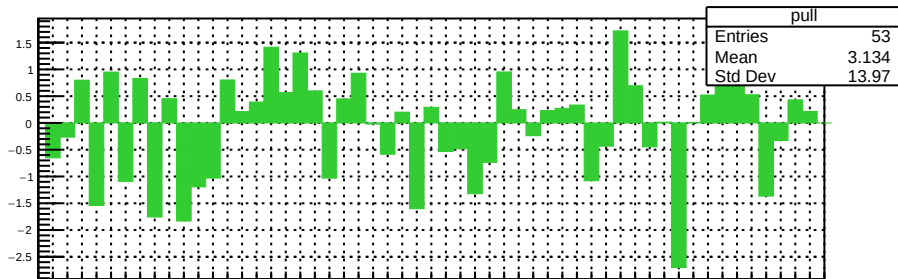
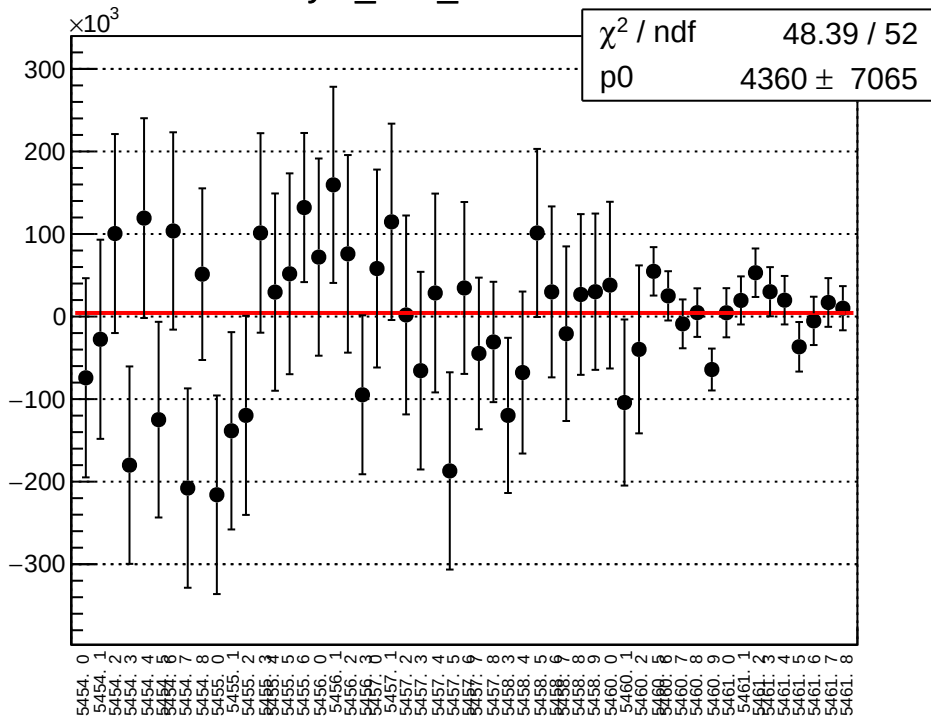


# asym\_atr1\_correction\_rms vs run

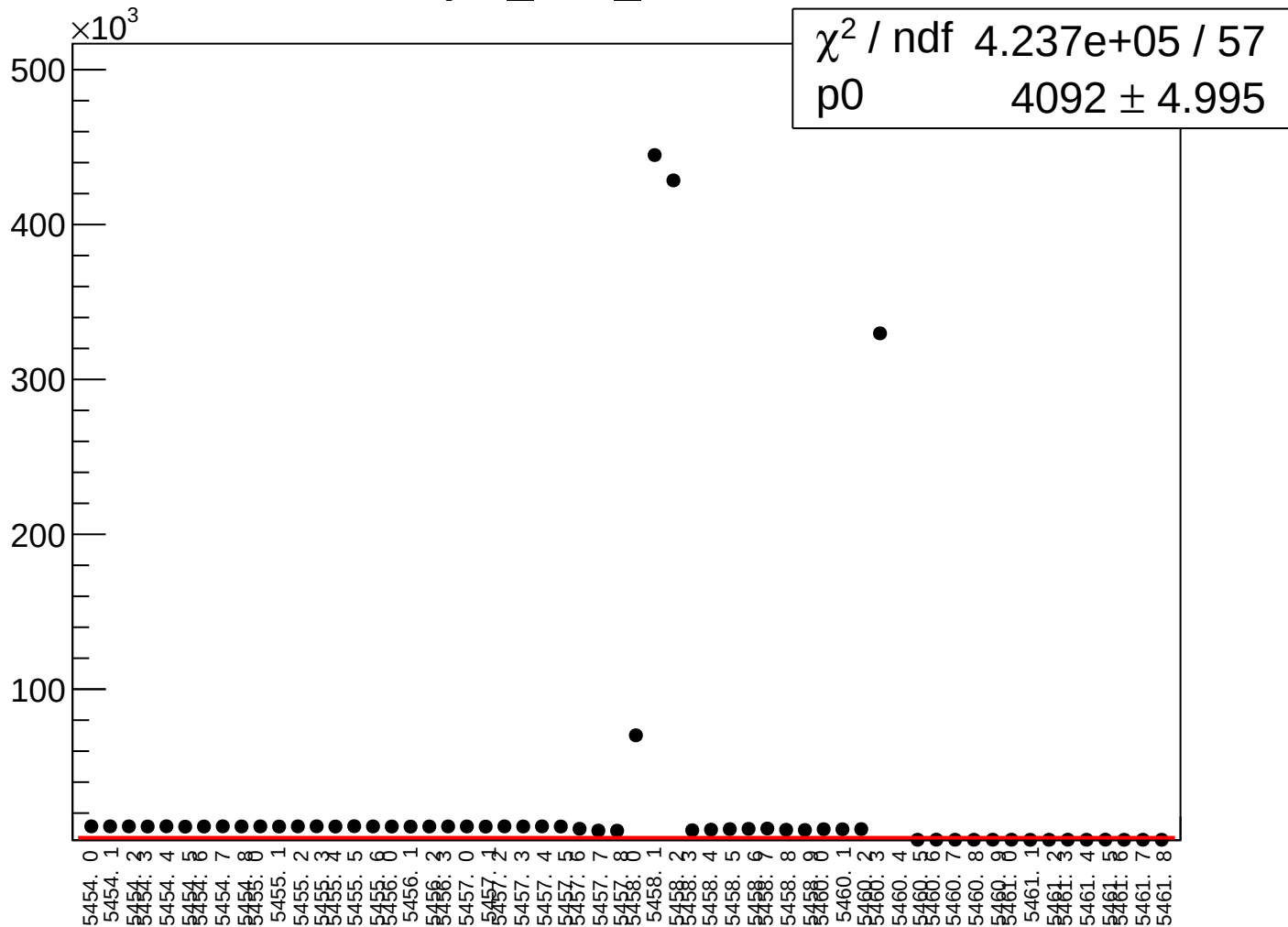




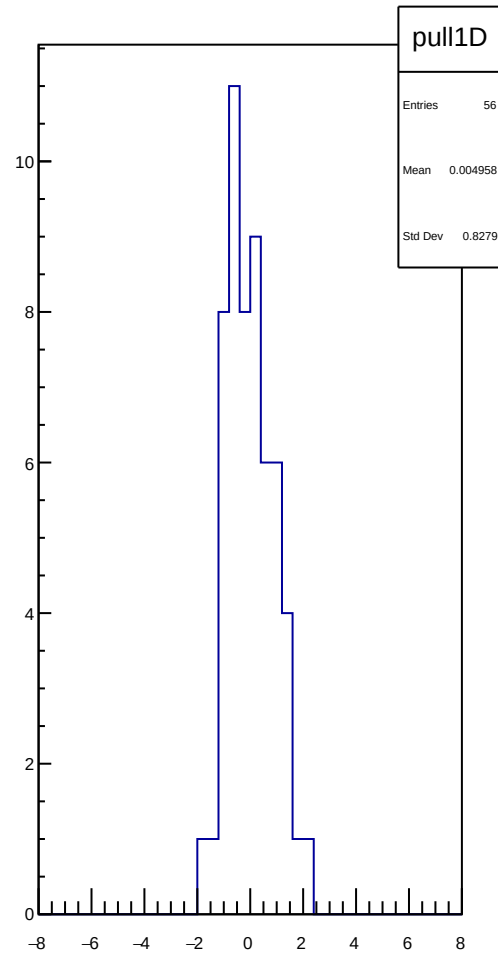
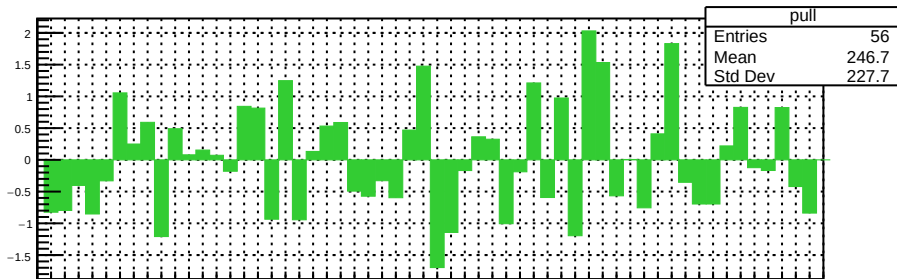
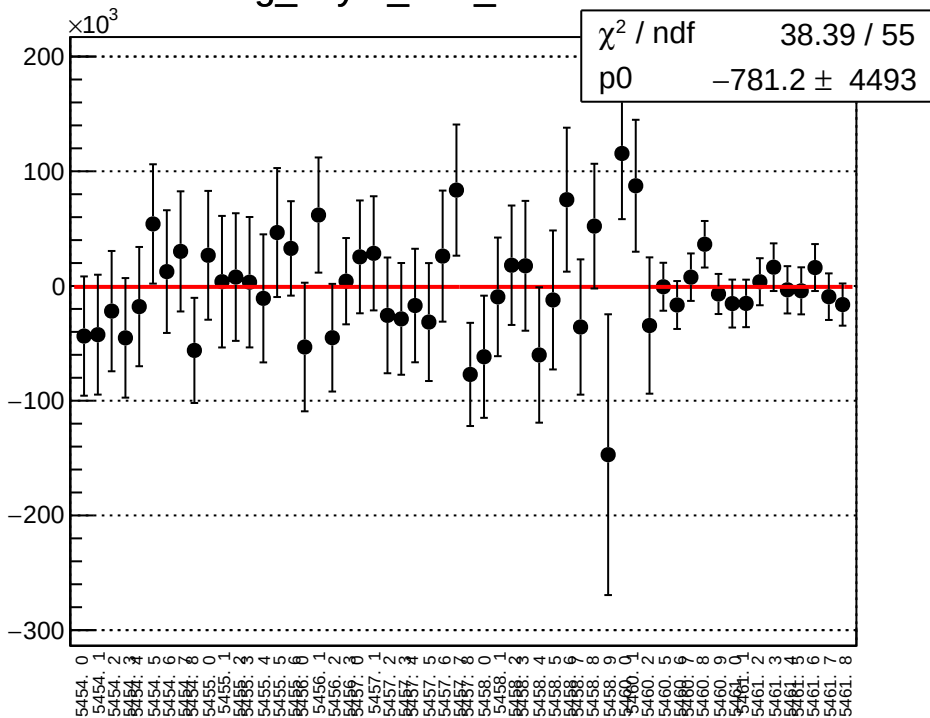
asym\_atr1\_mean vs run



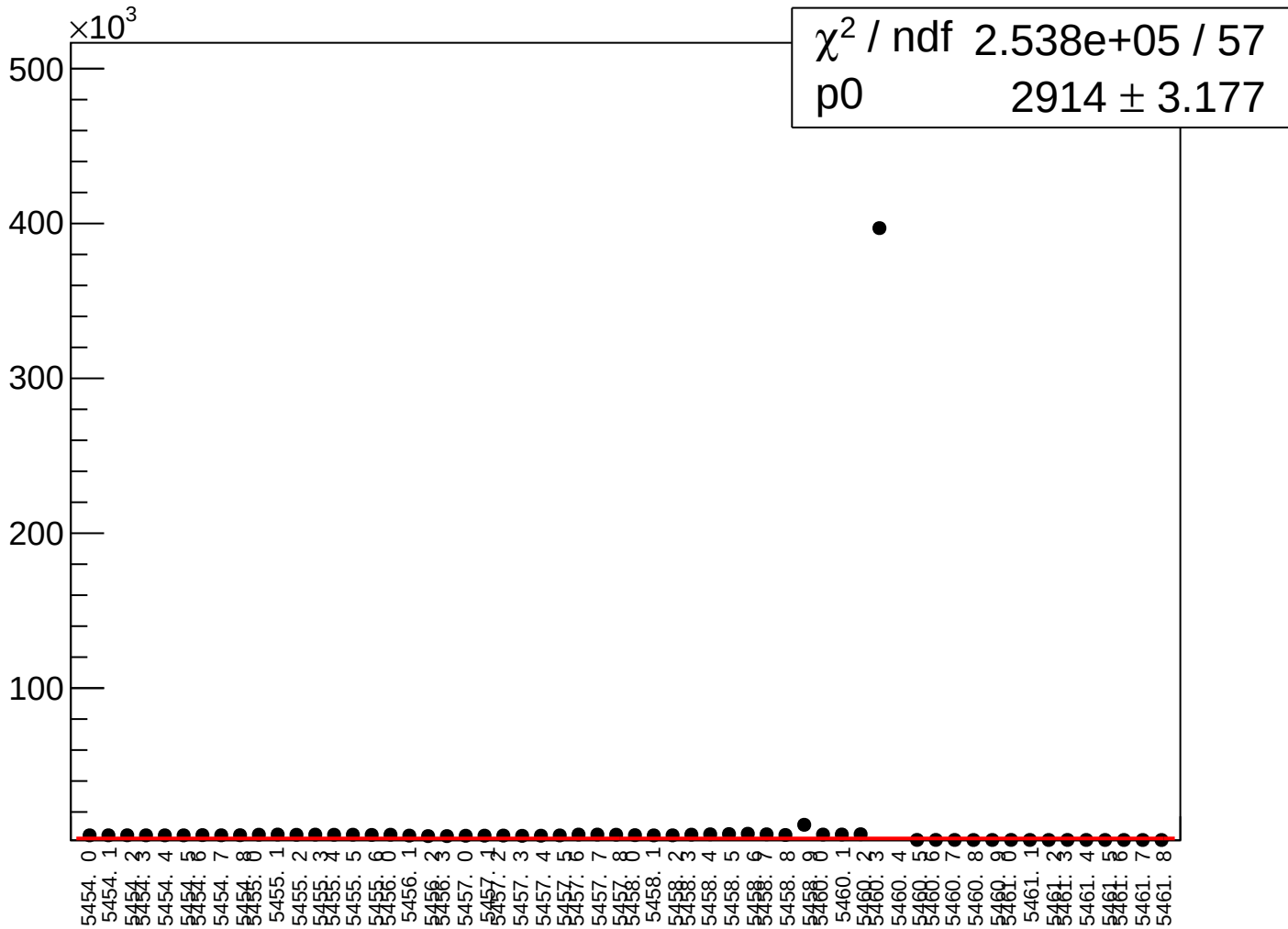
# asym\_atr1\_rms vs run



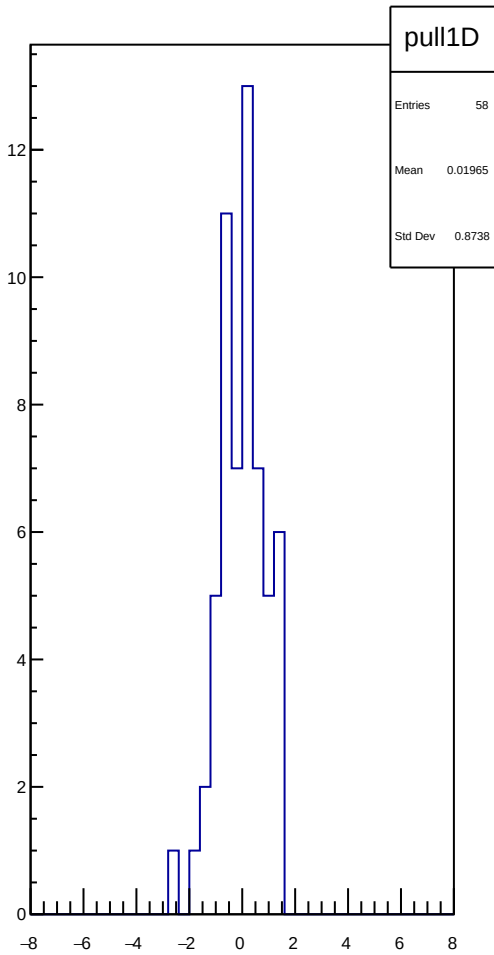
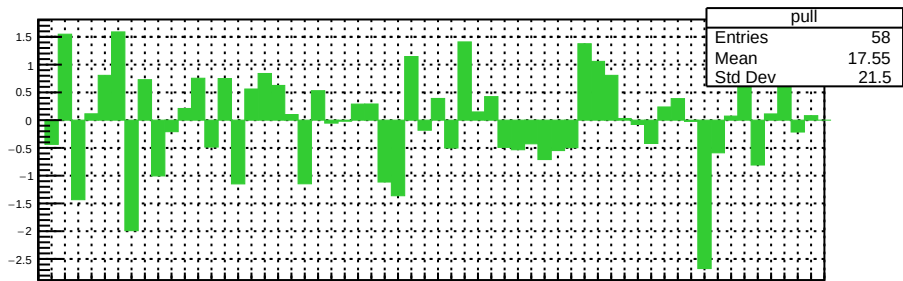
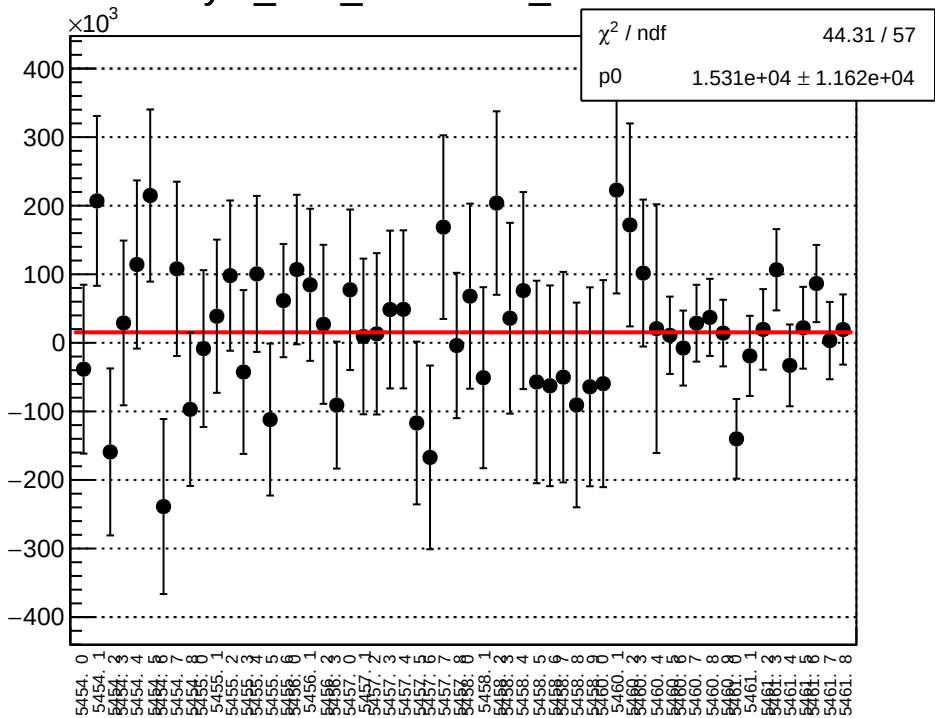
# reg\_asym\_atr2\_mean vs run



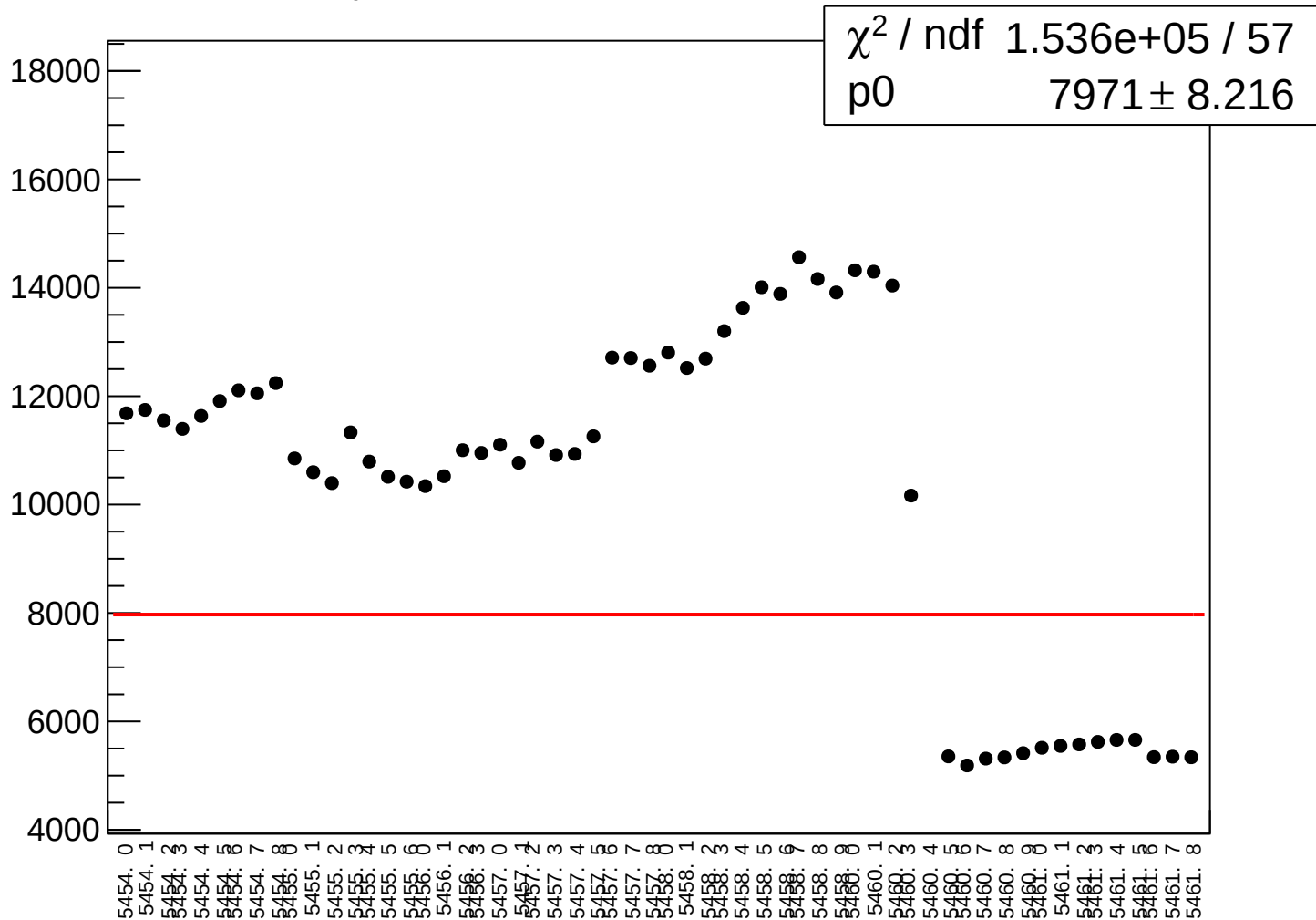
reg\_asym\_atr2\_rms vs run



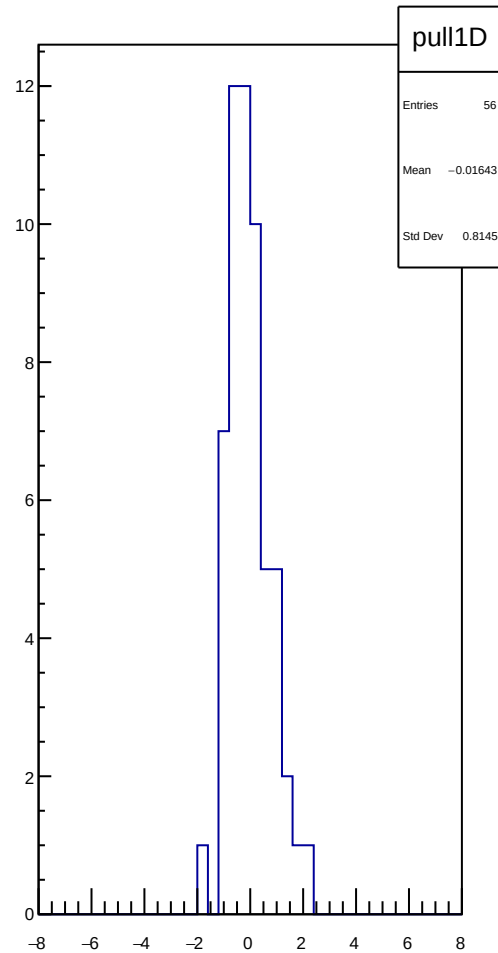
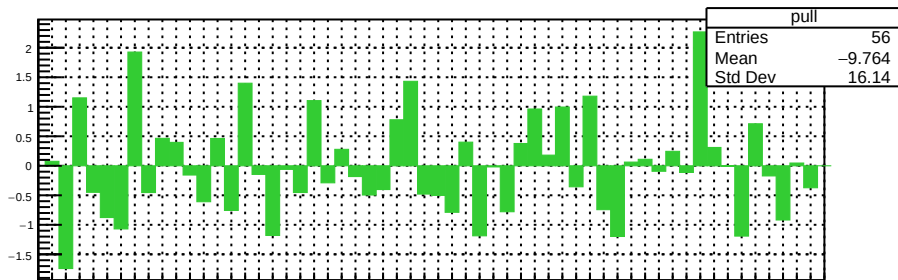
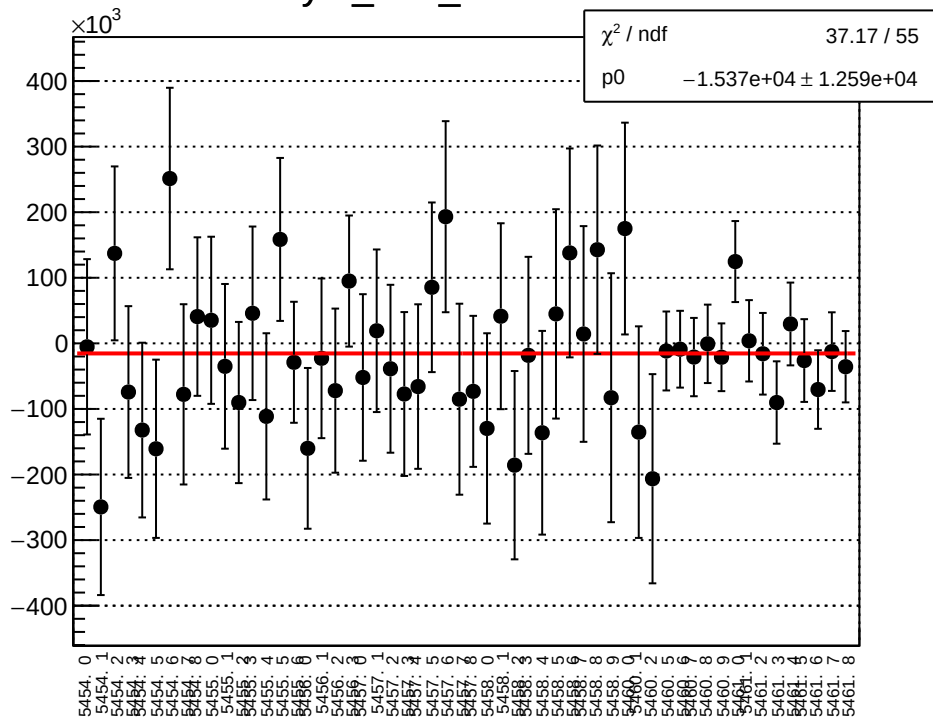
asym\_atr2\_correction\_mean vs run



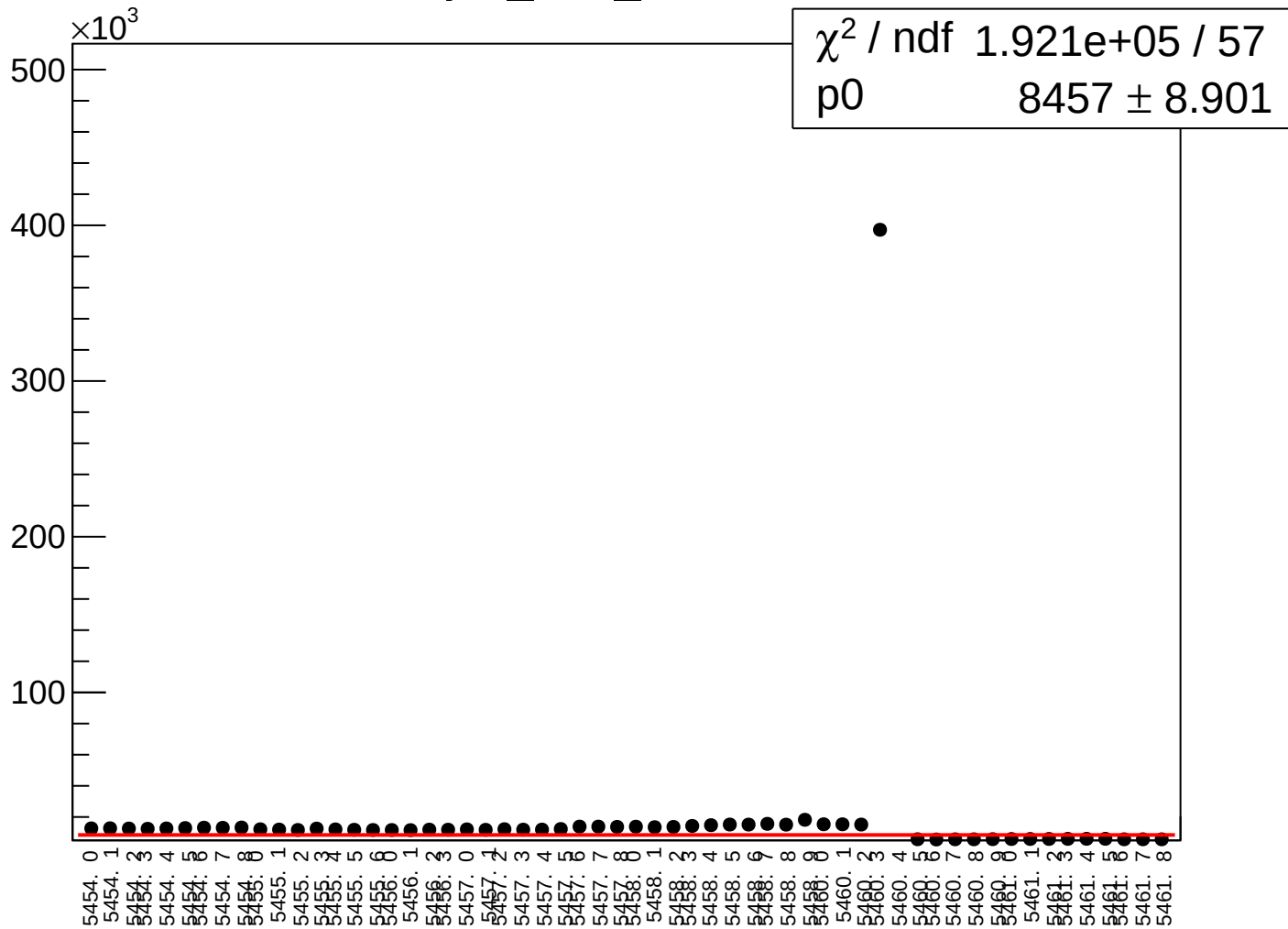
# asym\_atr2\_correction\_rms vs run



# asym\_atr2\_mean vs run

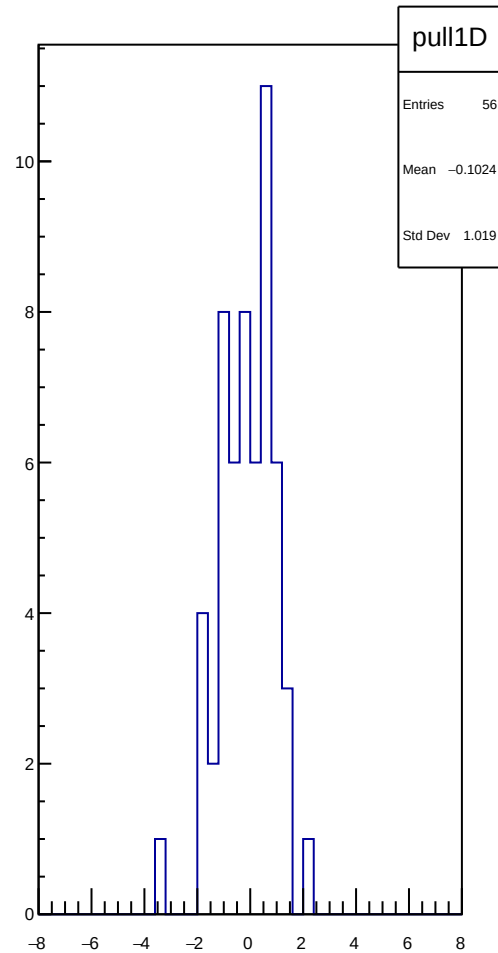
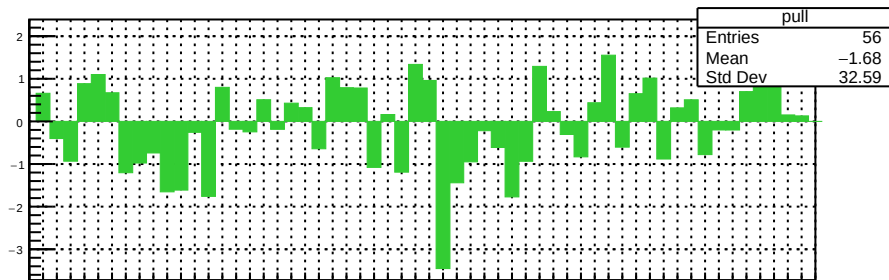
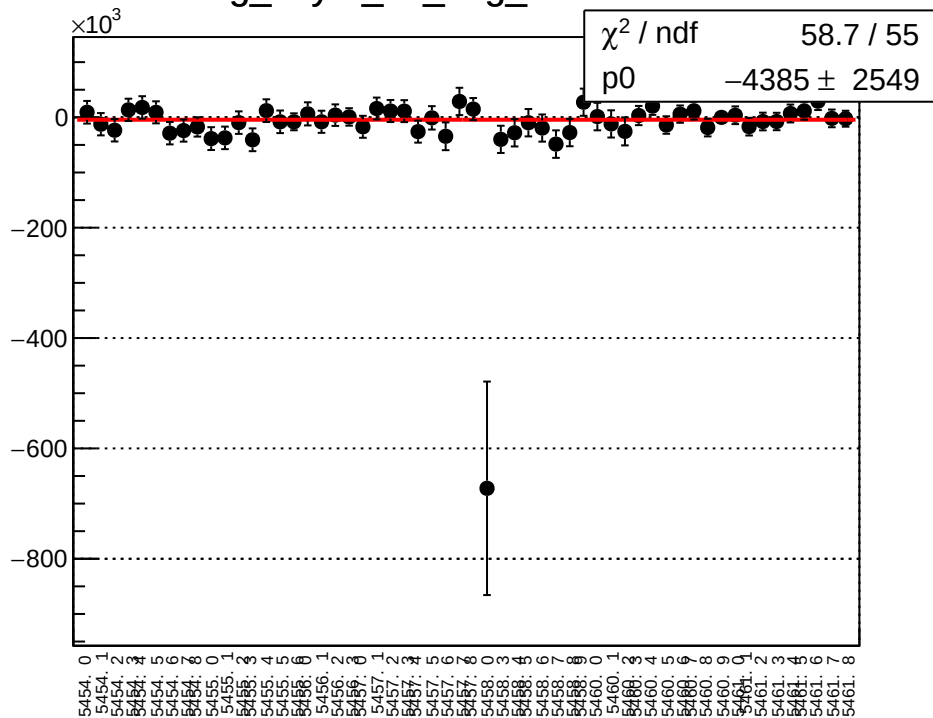


asym\_atr2\_rms vs run

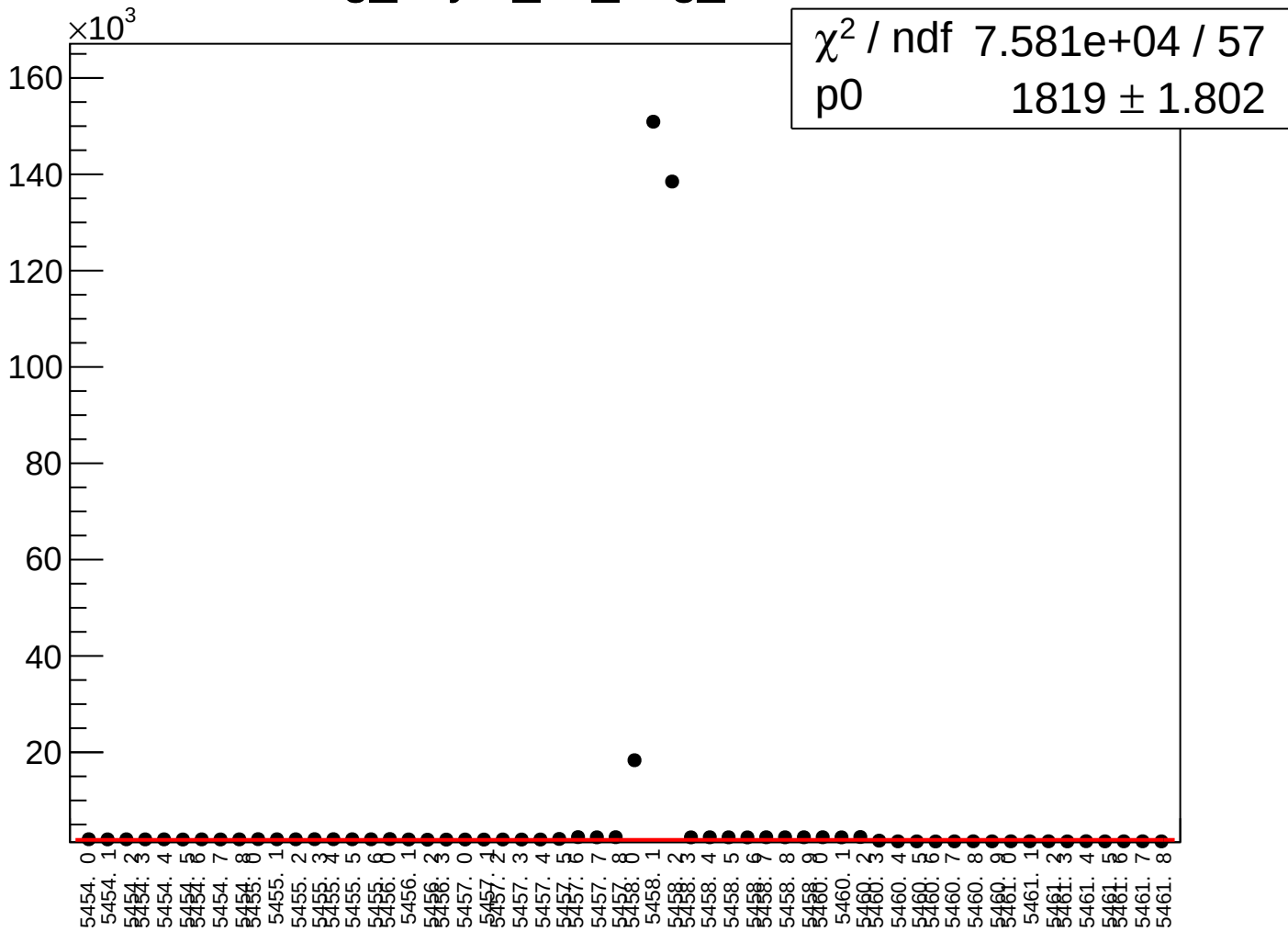




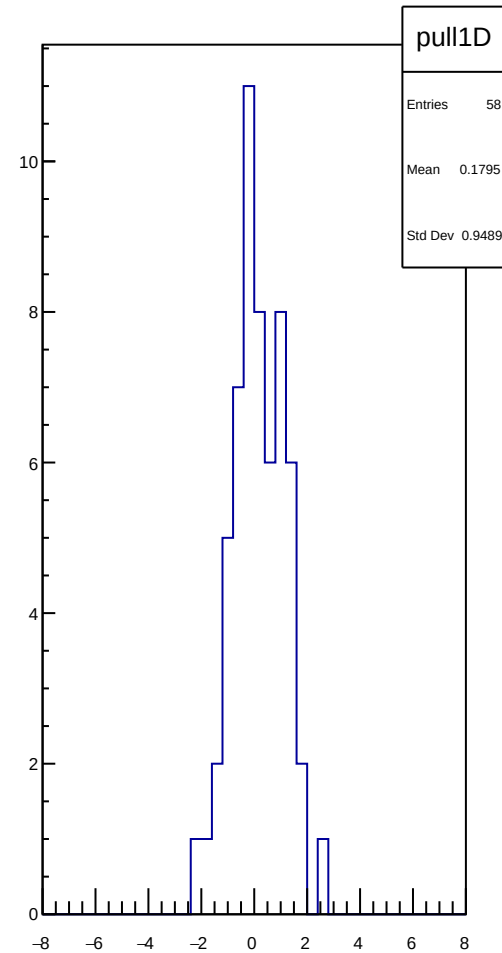
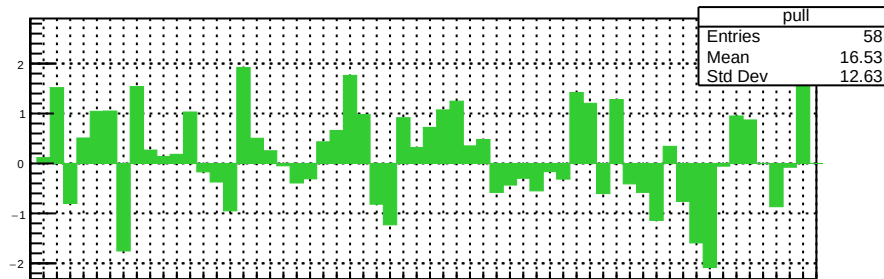
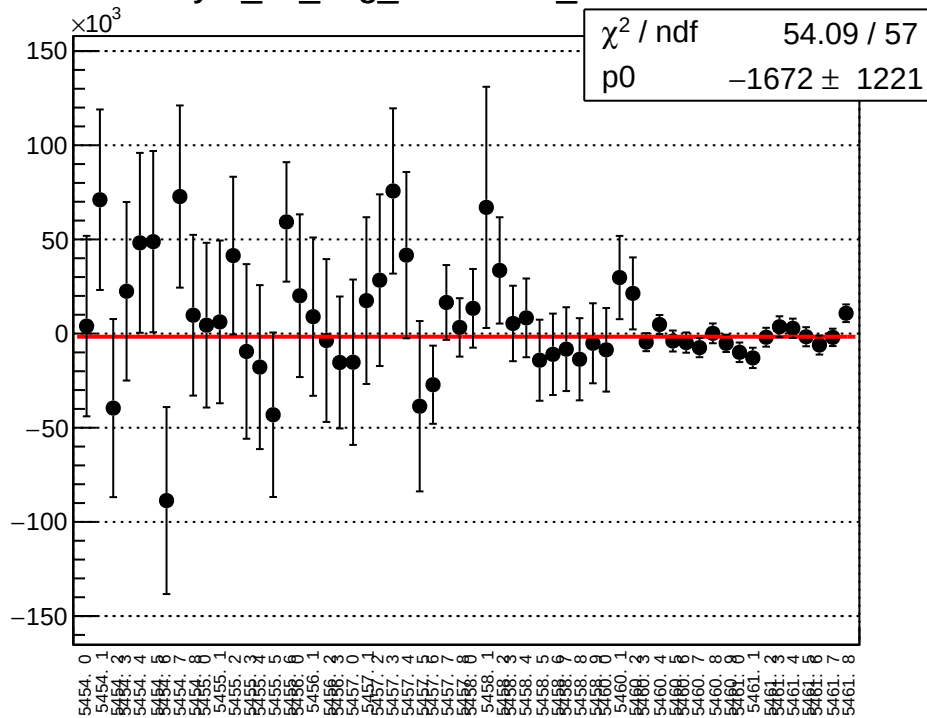
# reg\_asym\_atl\_avg\_mean vs run



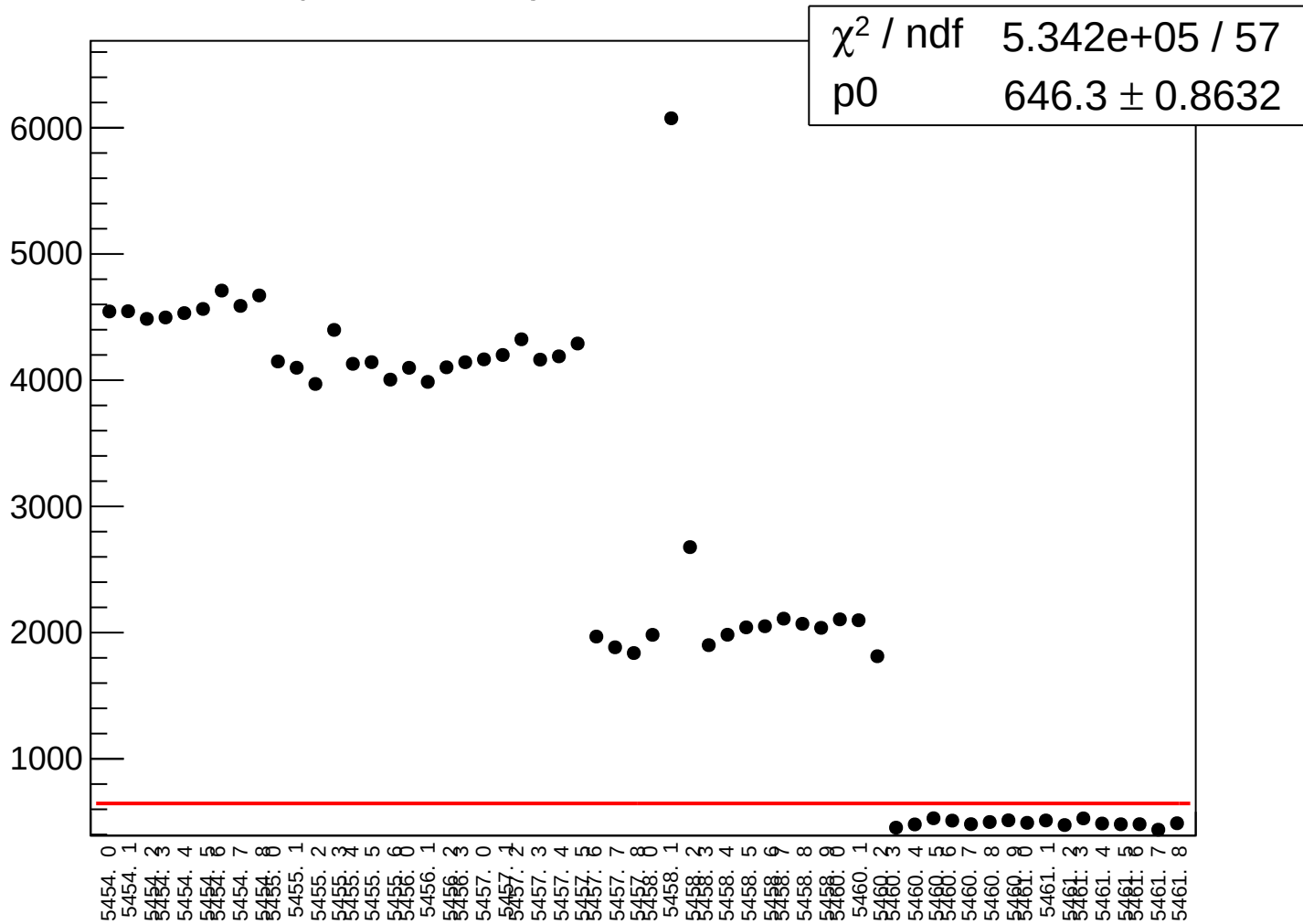
# reg\_asym\_atl\_avg\_rms vs run



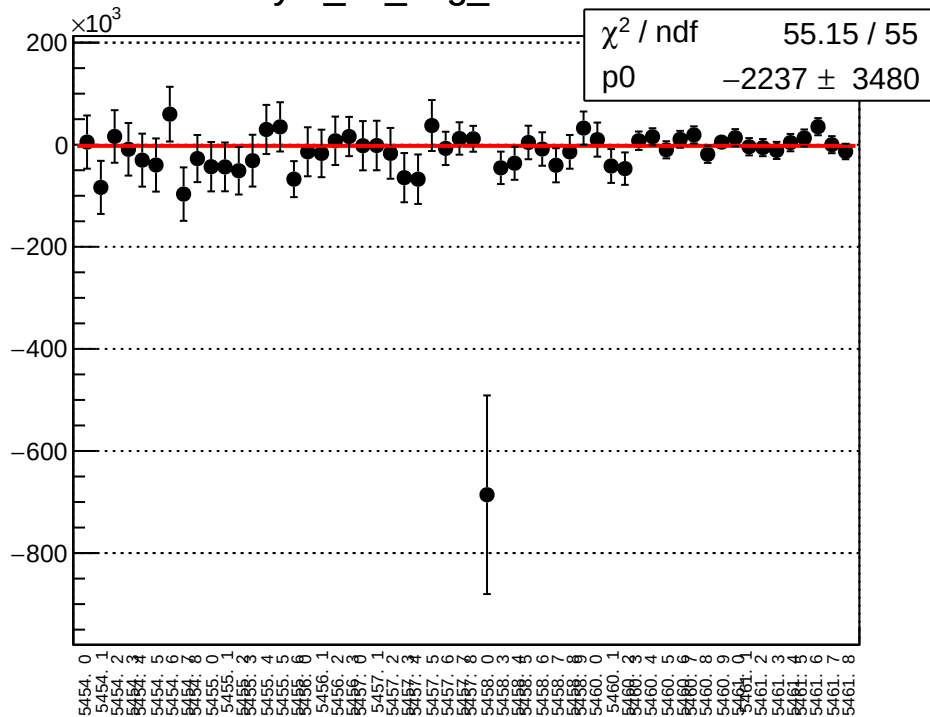
asym\_atl\_avg\_correction\_mean vs run



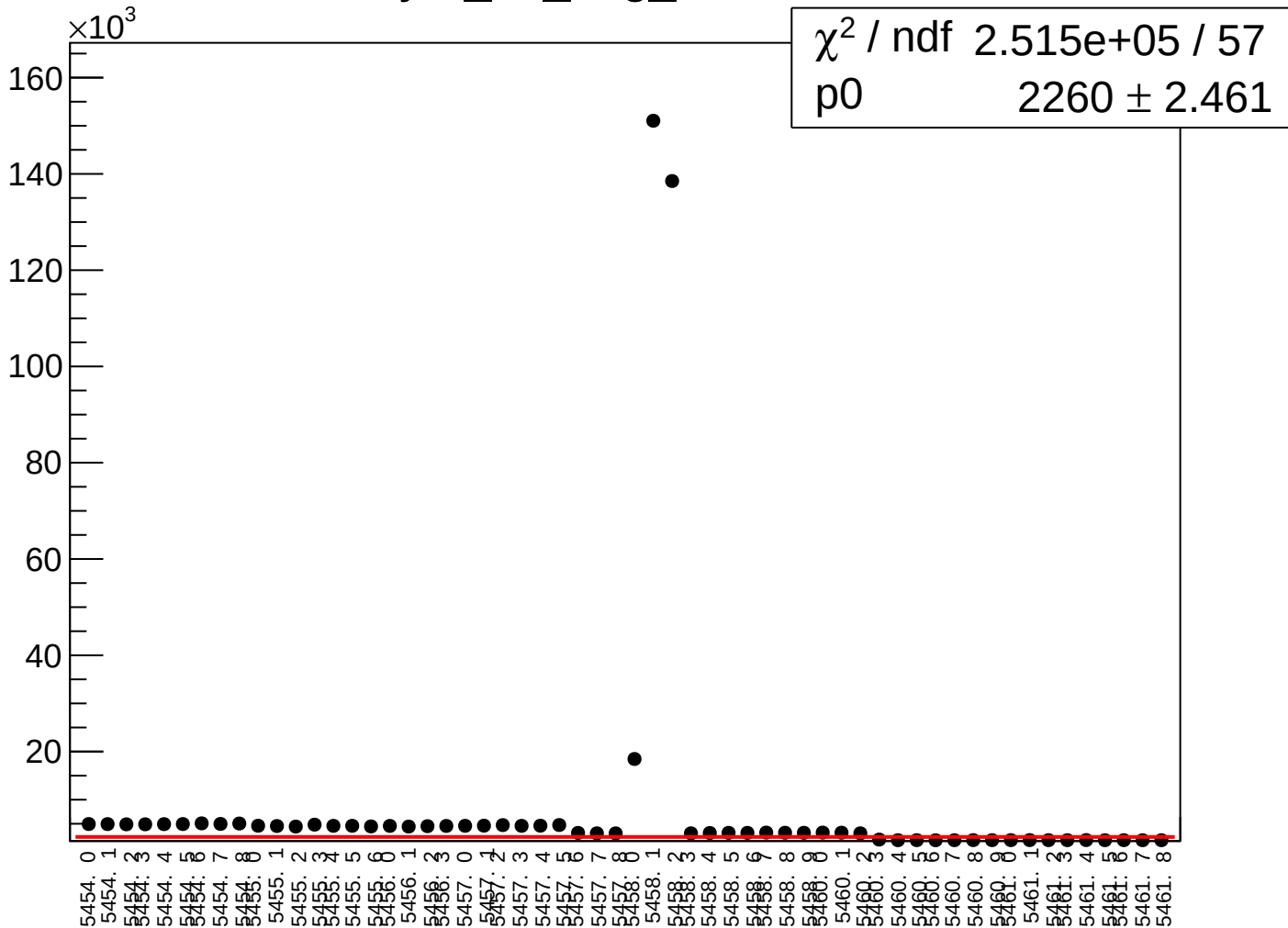
# asym\_atl\_avg\_correction\_rms vs run



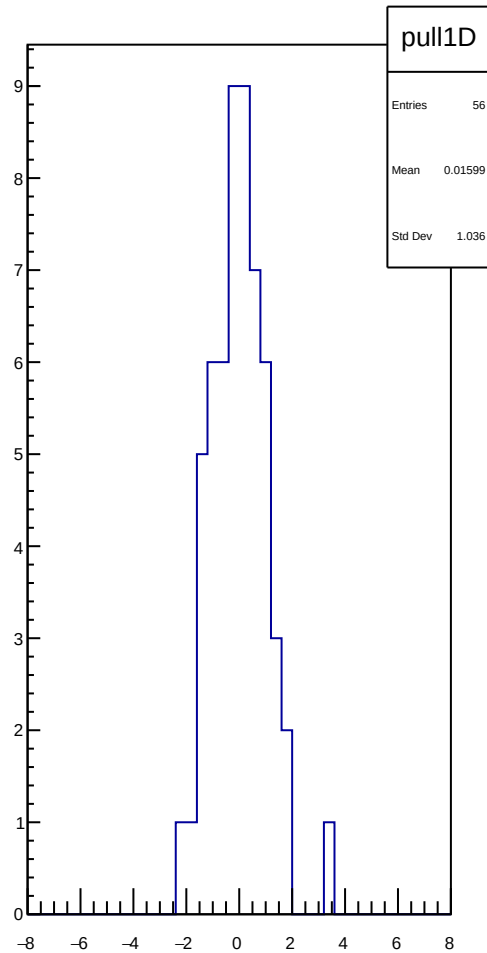
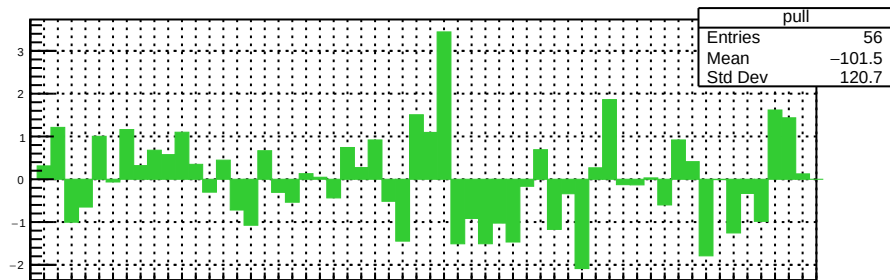
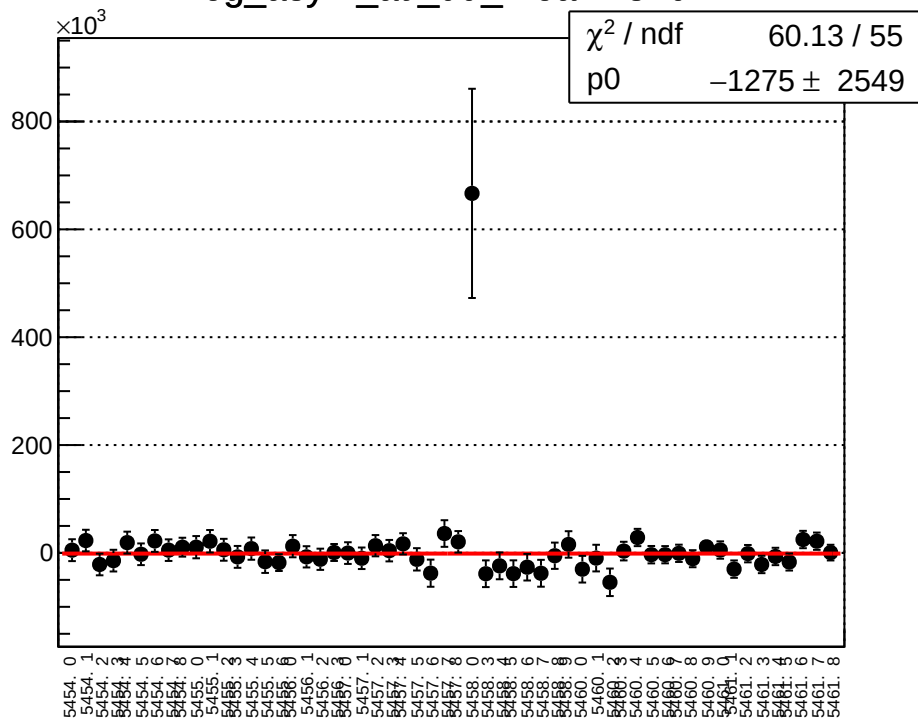
asym\_atl\_avg\_mean vs run



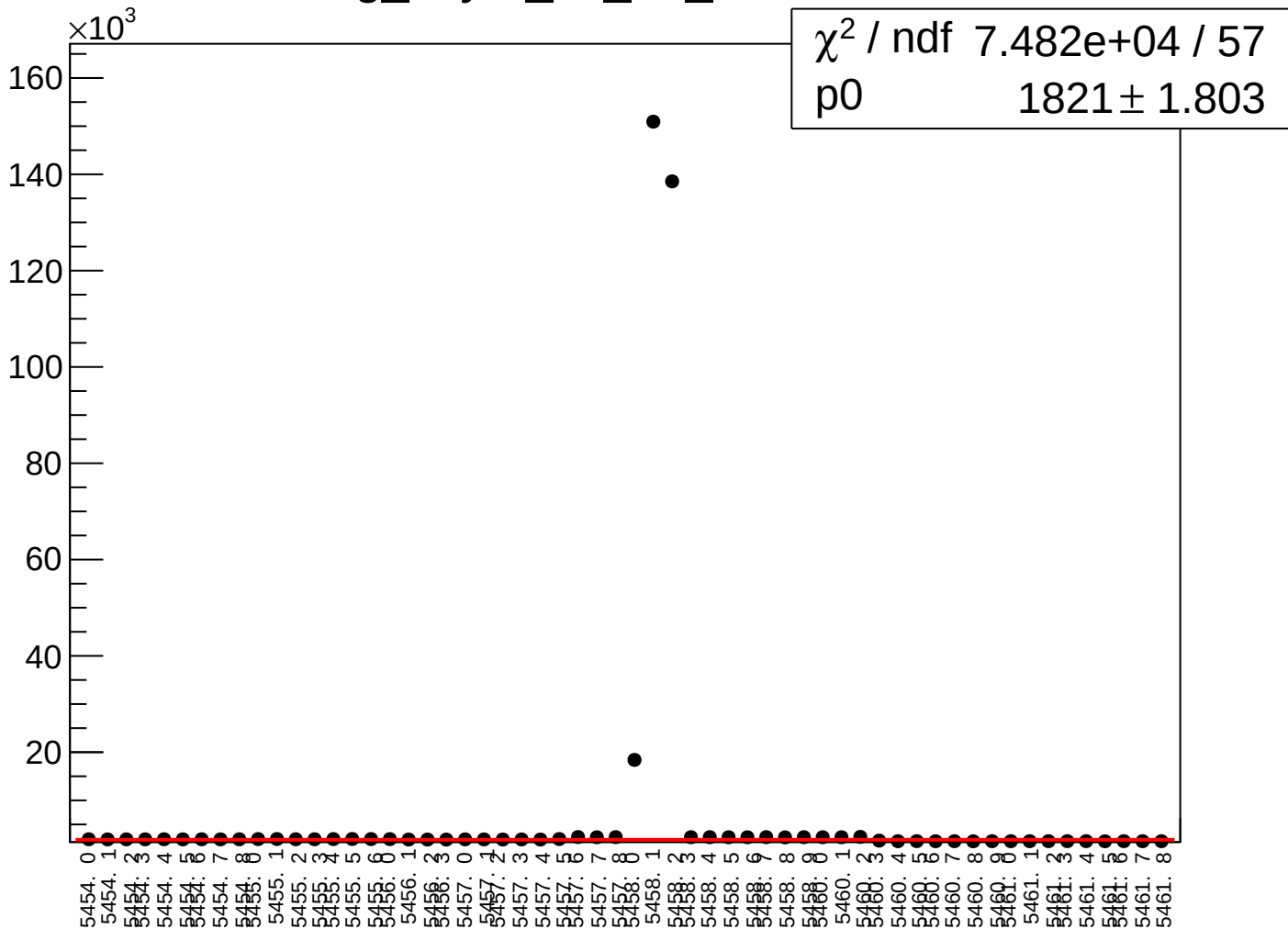
asym\_atl\_avg\_rms vs run



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

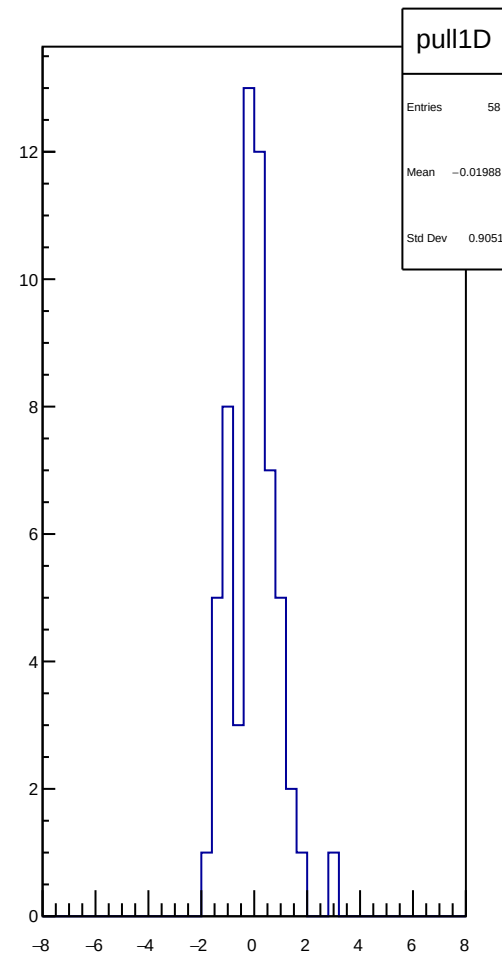
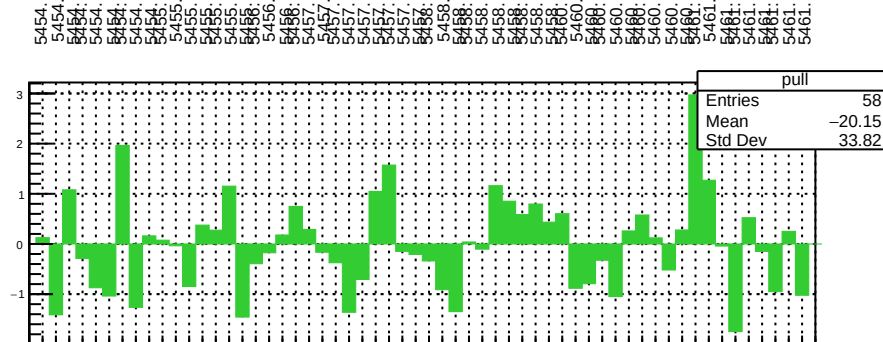
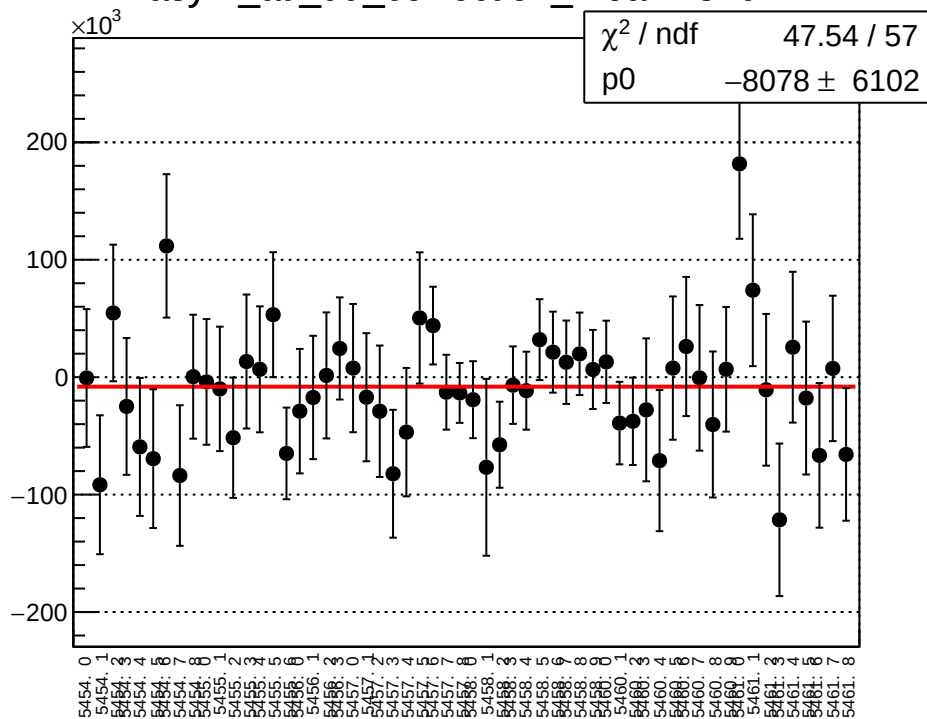


# reg\_asym\_atl\_dd\_rms vs run

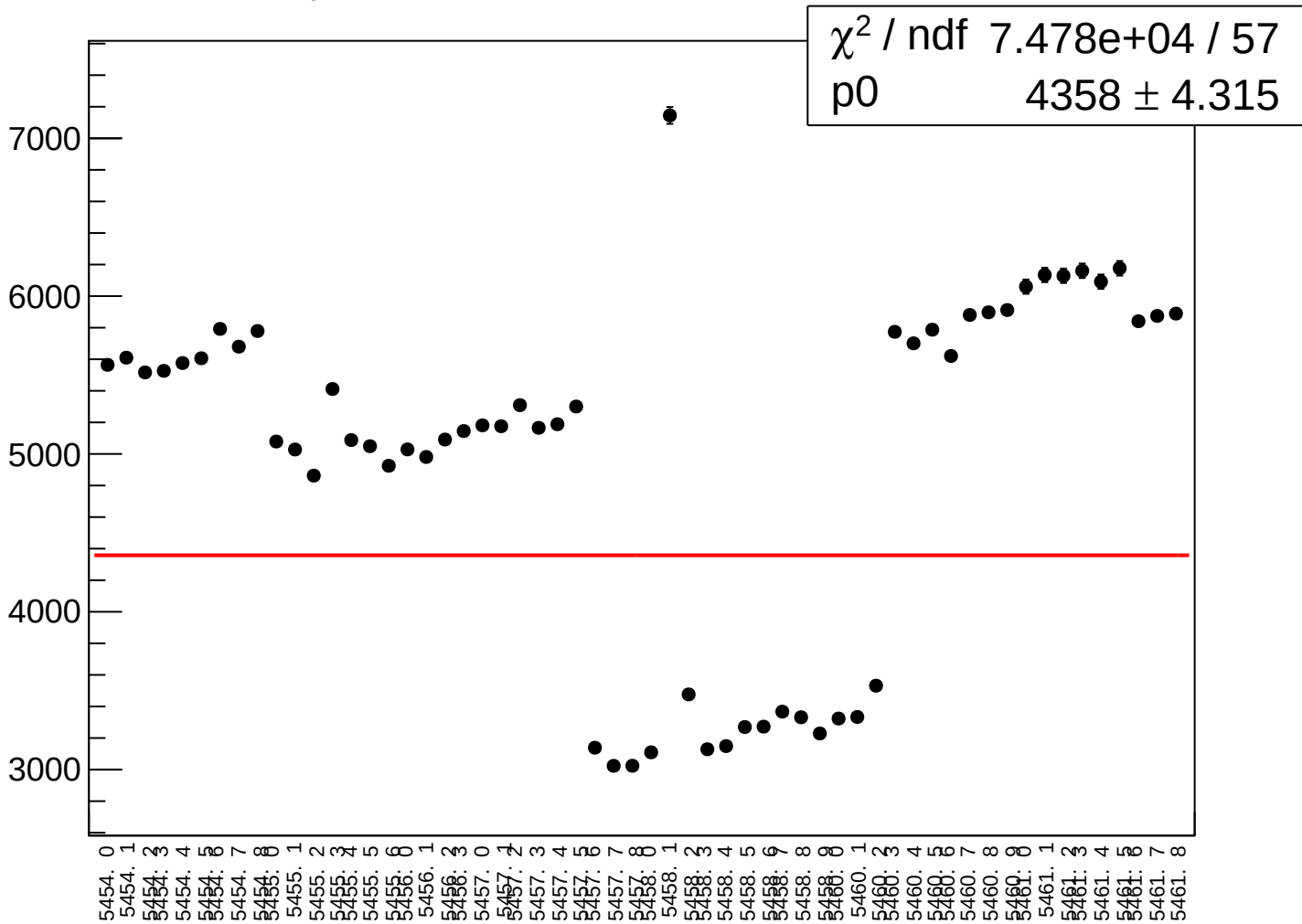




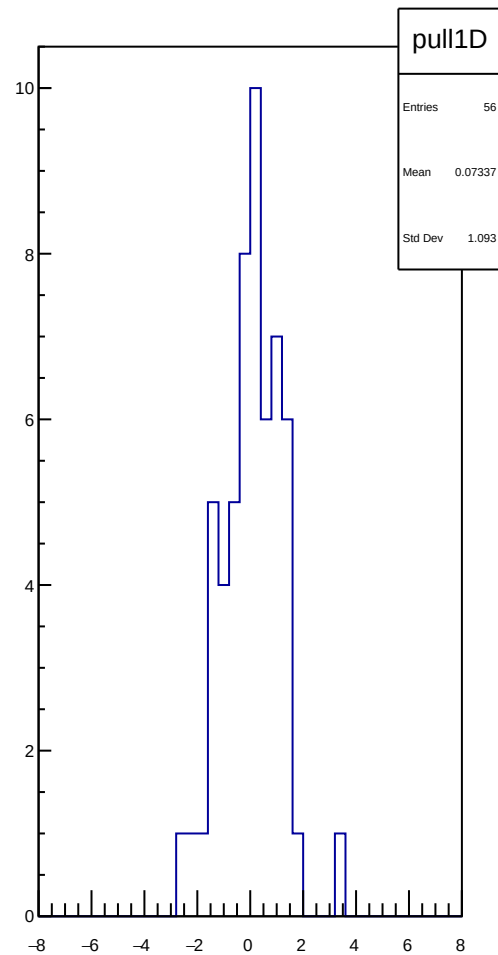
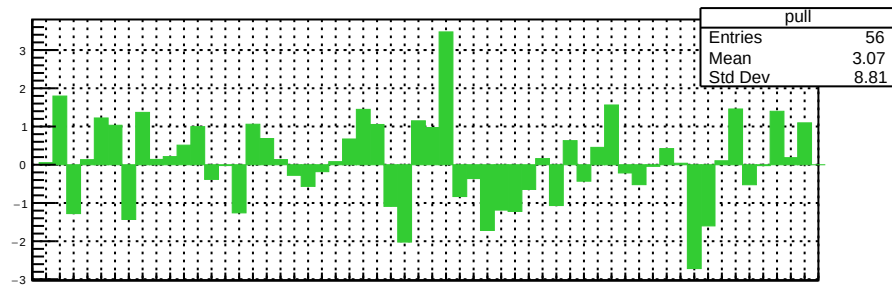
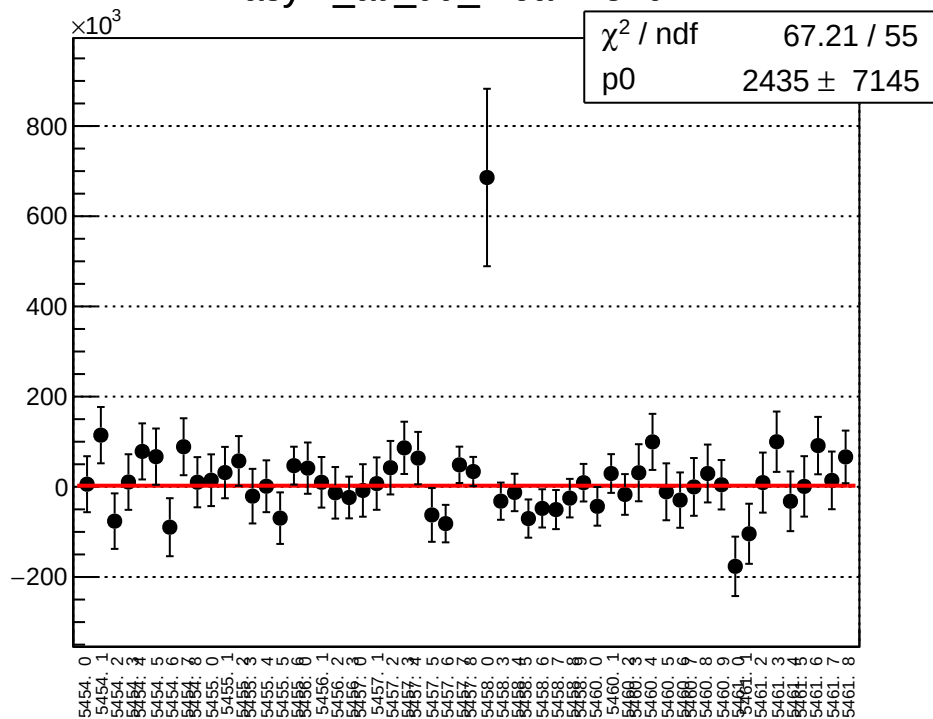
# asym\_atl\_dd\_correction\_mean vs run



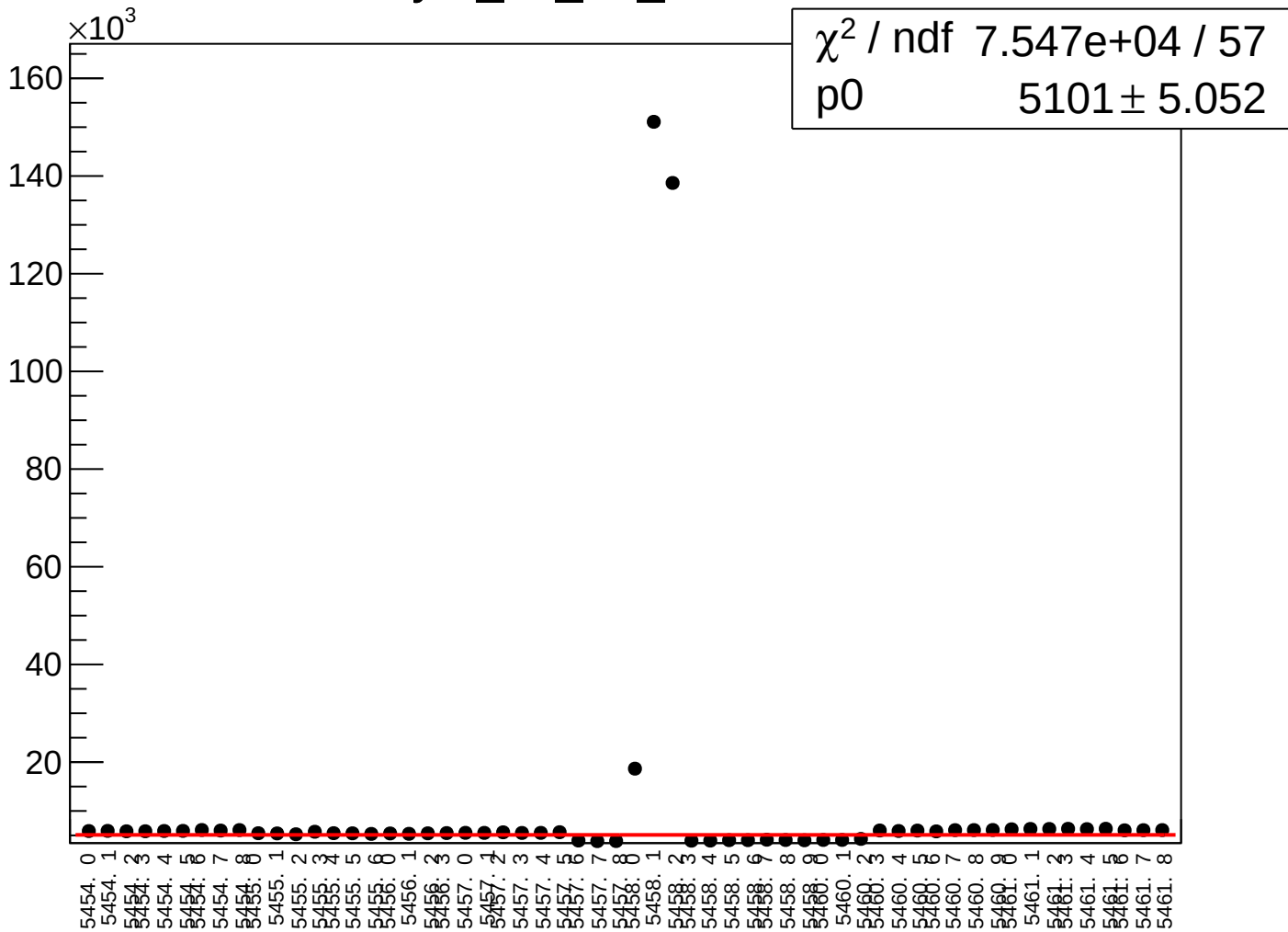
# asym\_atl\_dd\_correction\_rms vs run



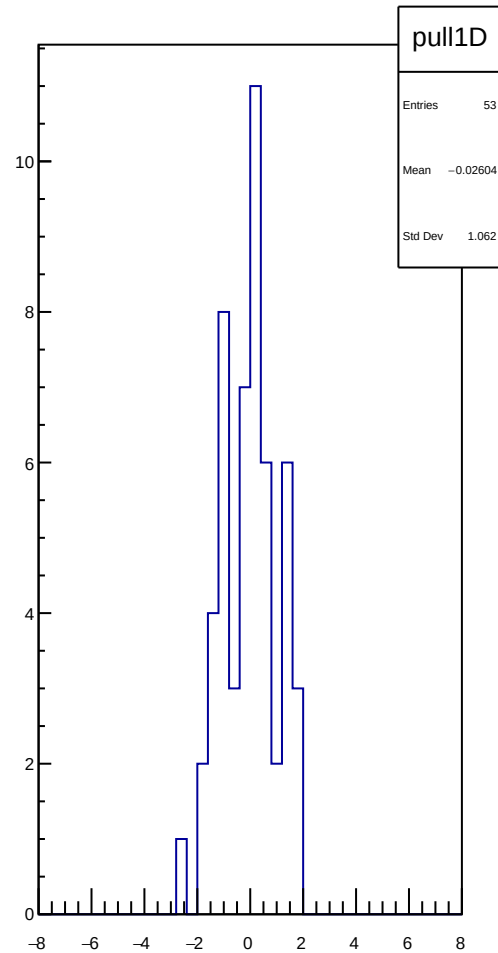
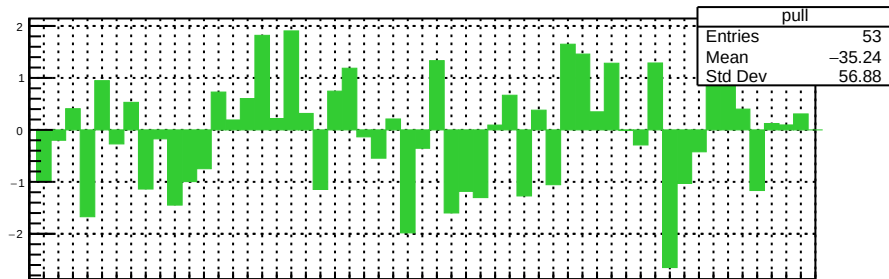
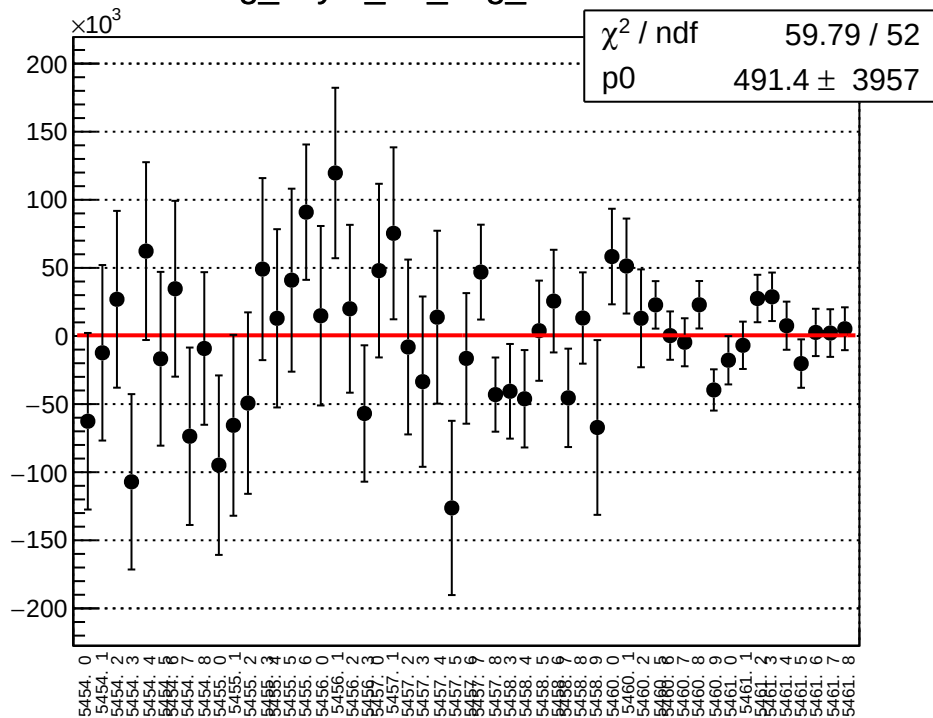
asym\_atl\_dd\_mean vs run



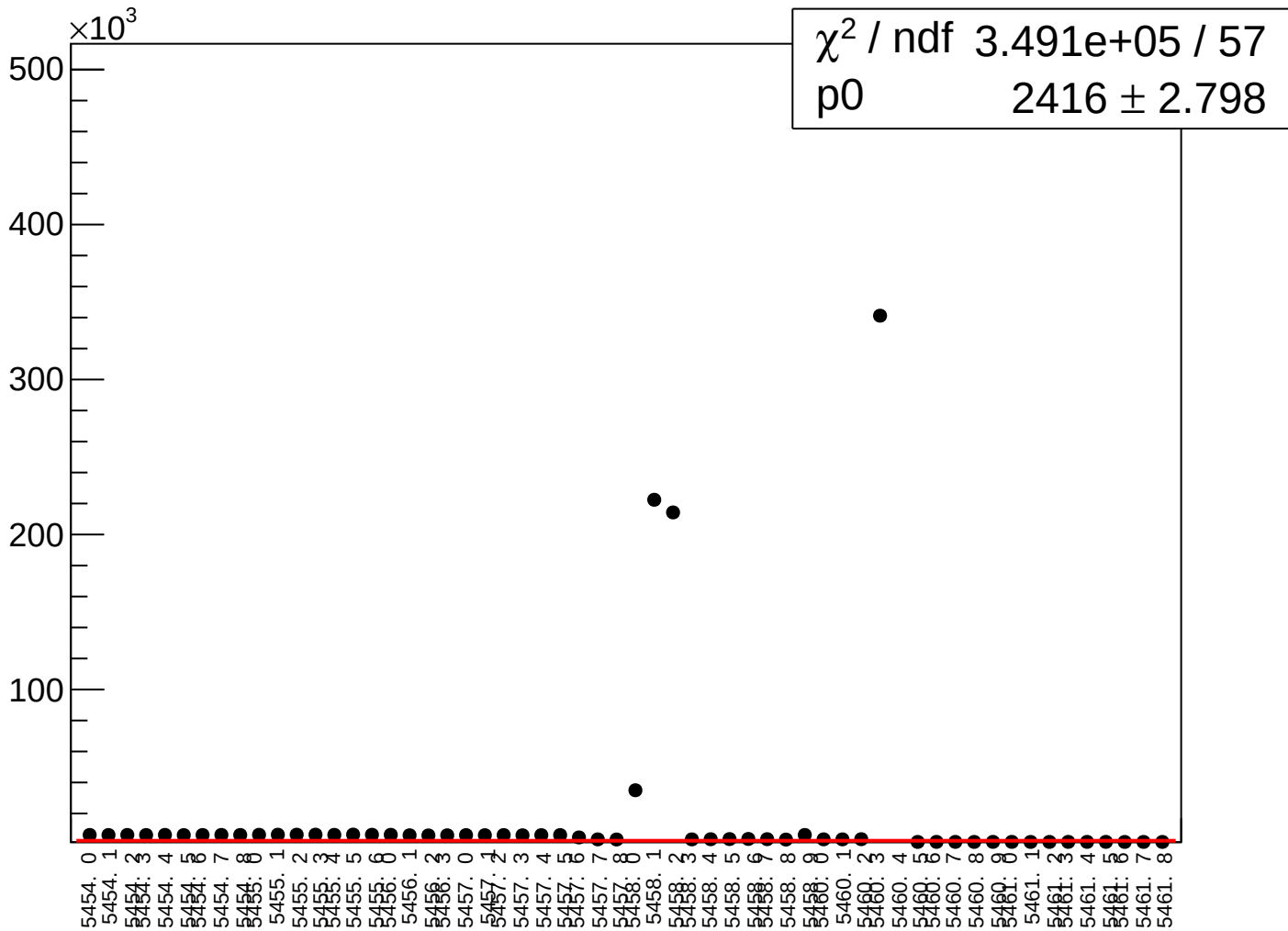
# asym\_atl\_dd\_rms vs run



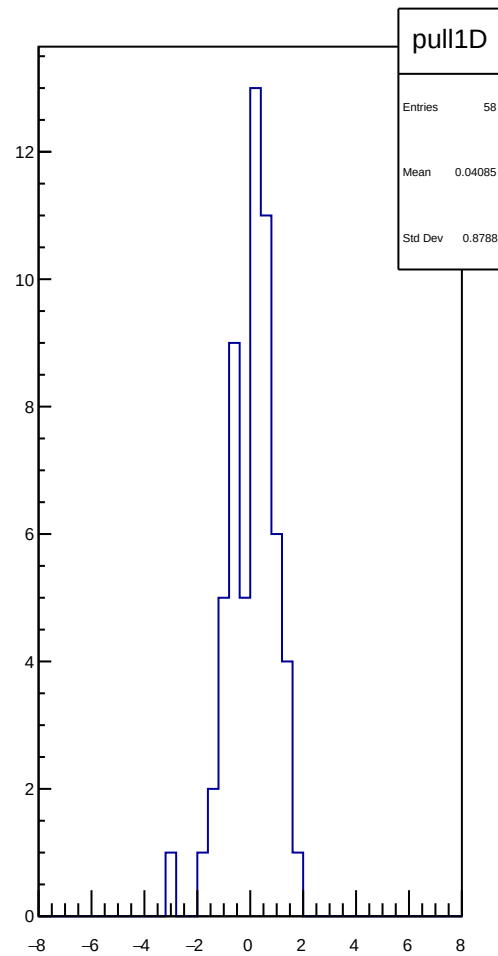
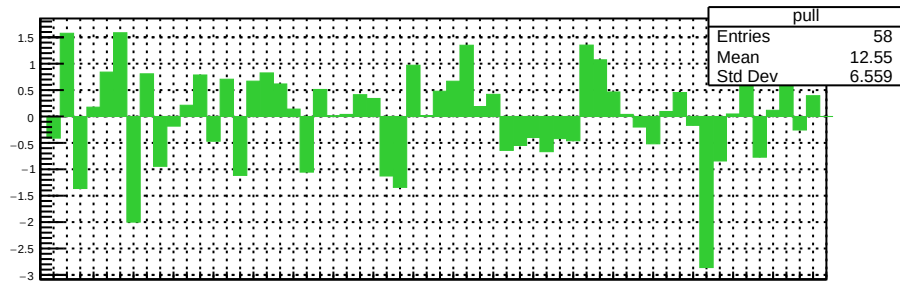
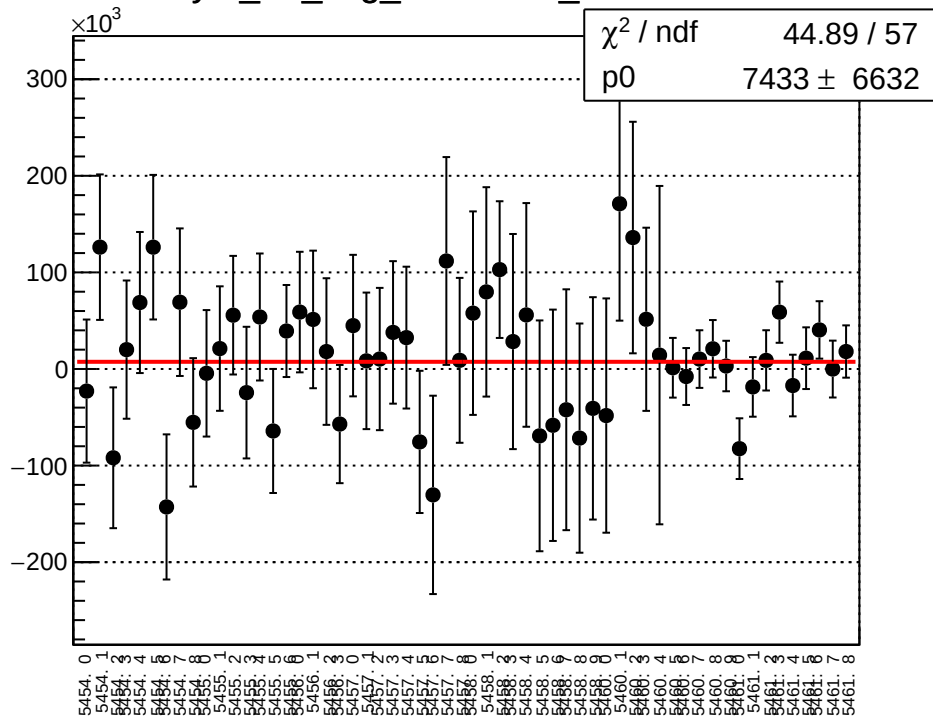
reg\_asym\_atr\_avg\_mean vs run



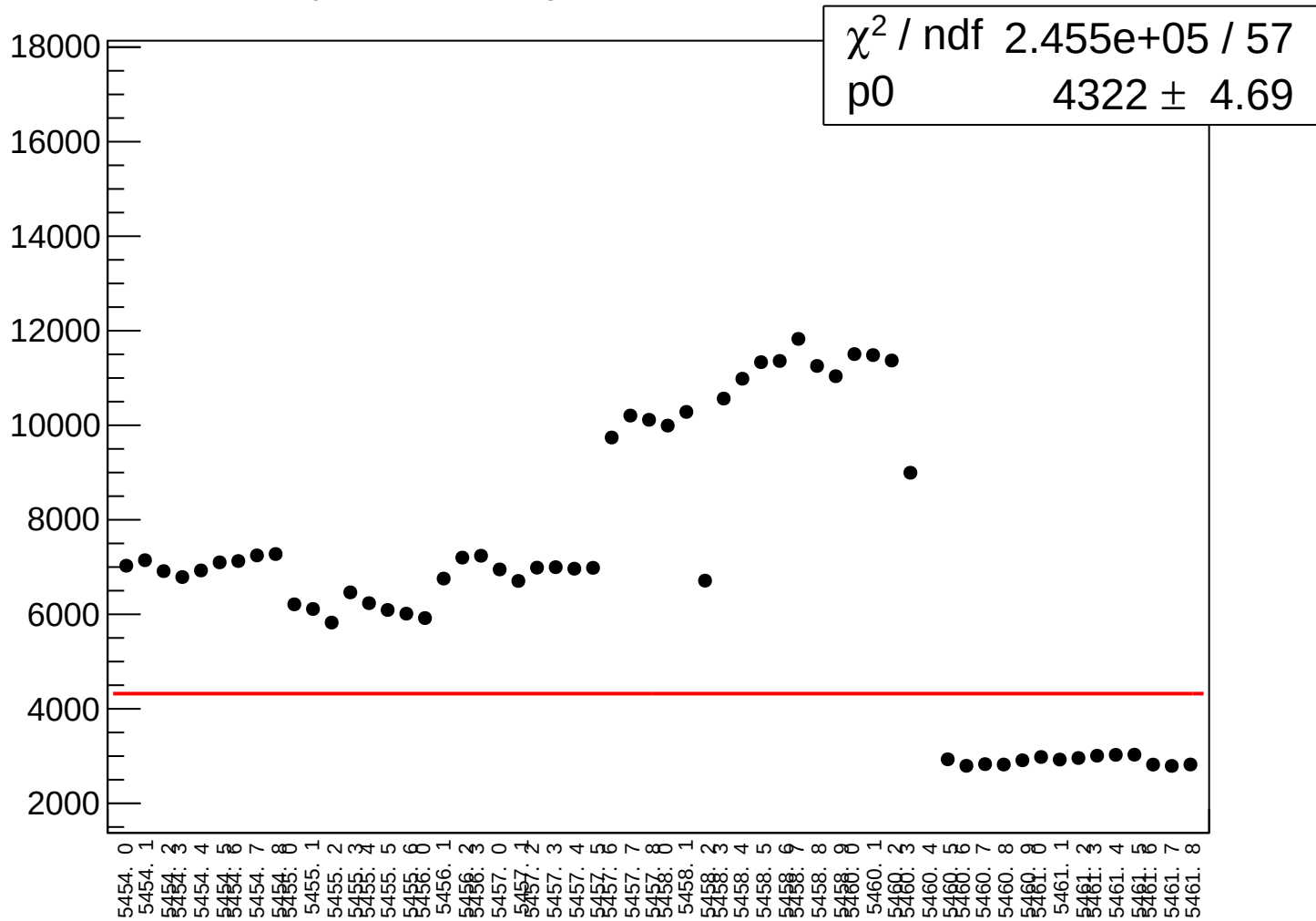
reg\_asym\_atr\_avg\_rms vs run



asym\_atr\_avg\_correction\_mean vs run

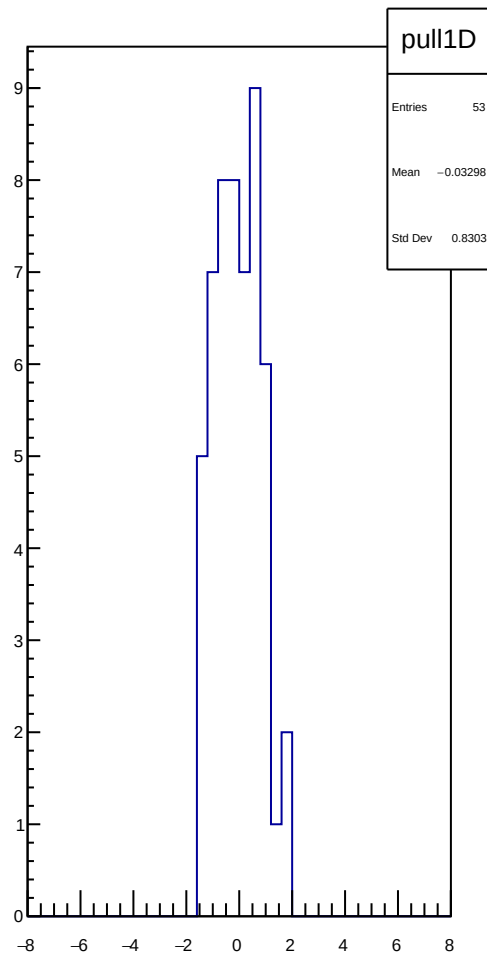
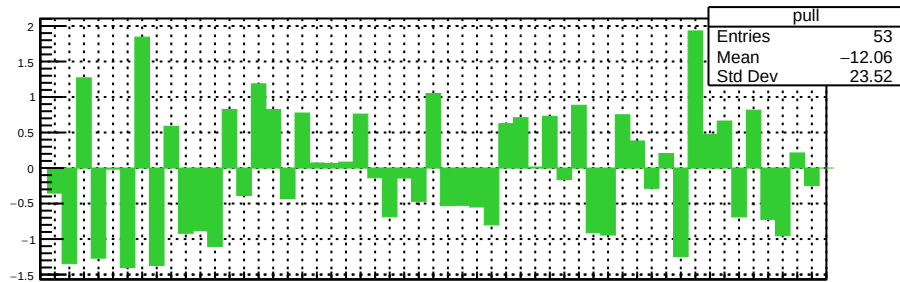
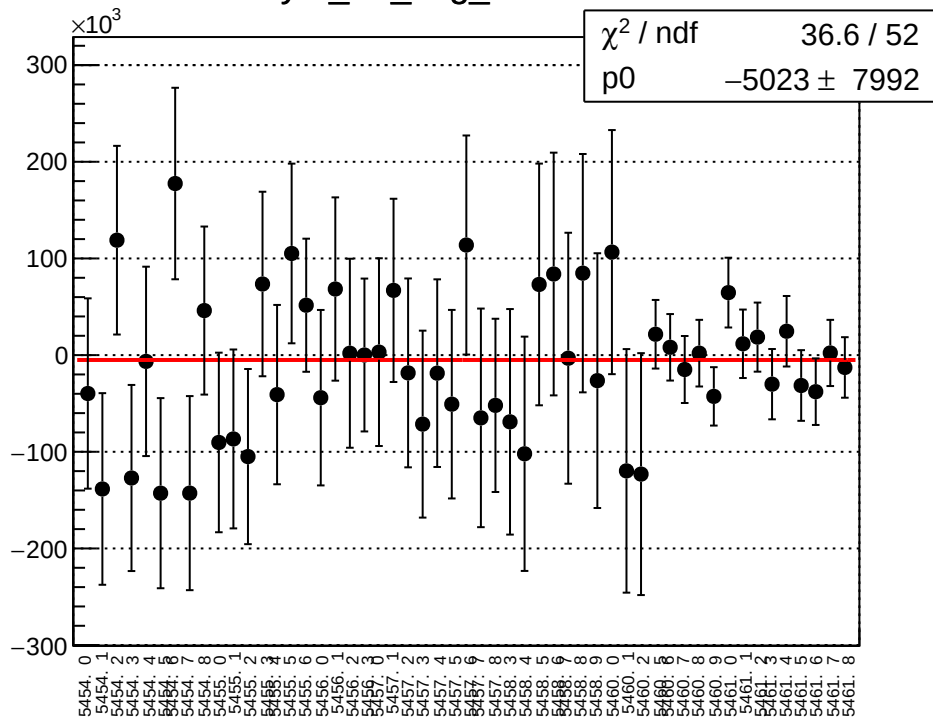


# asym\_atr\_avg\_correction\_rms vs run

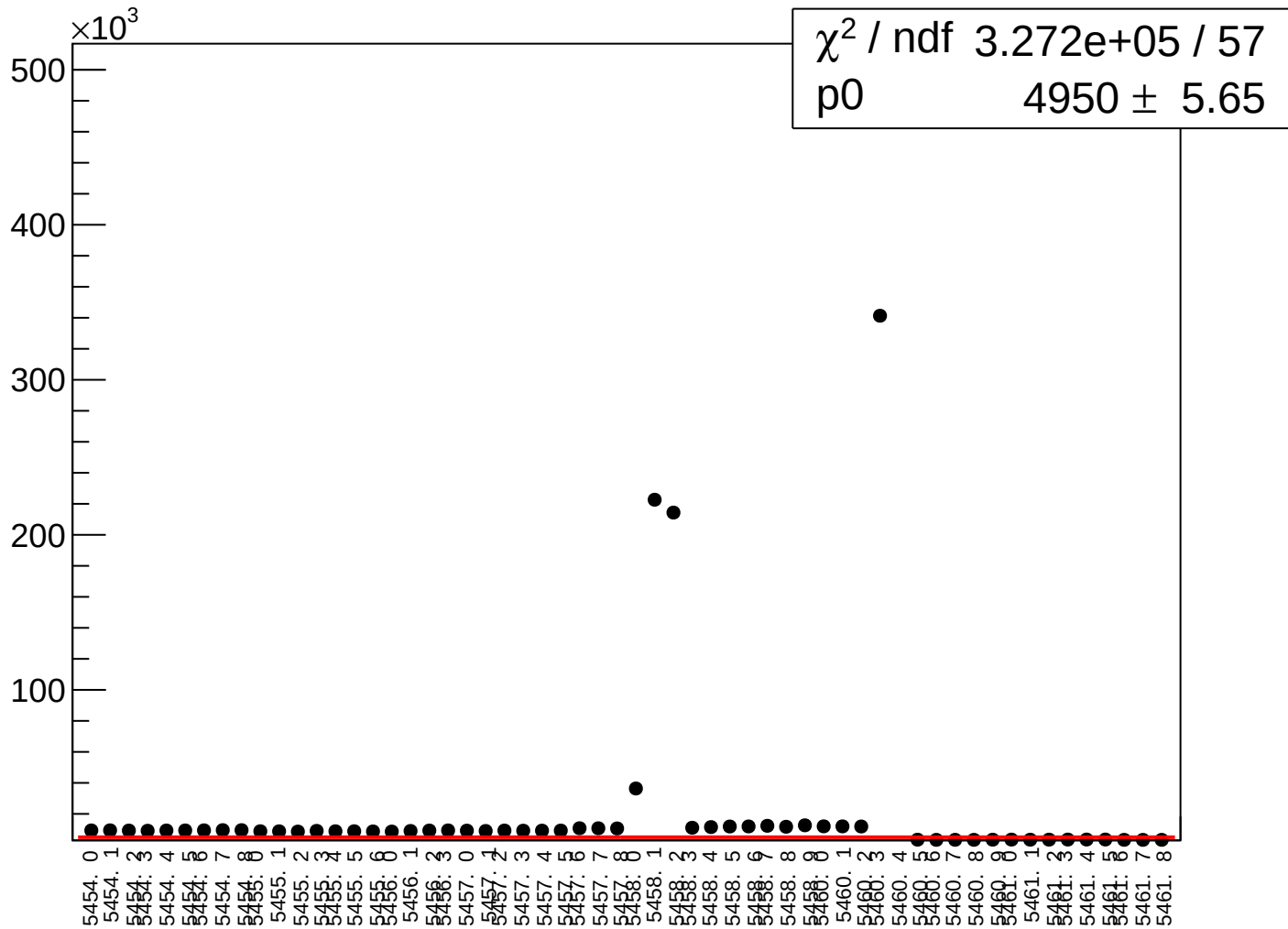




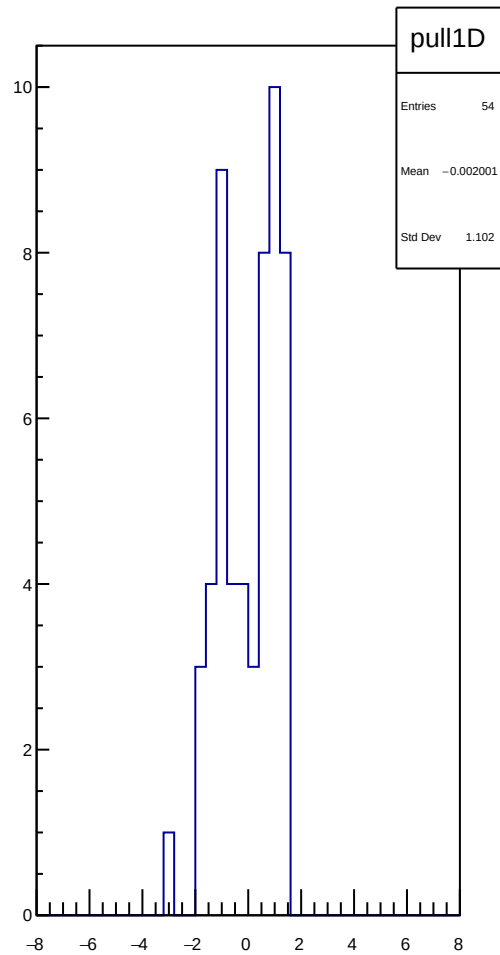
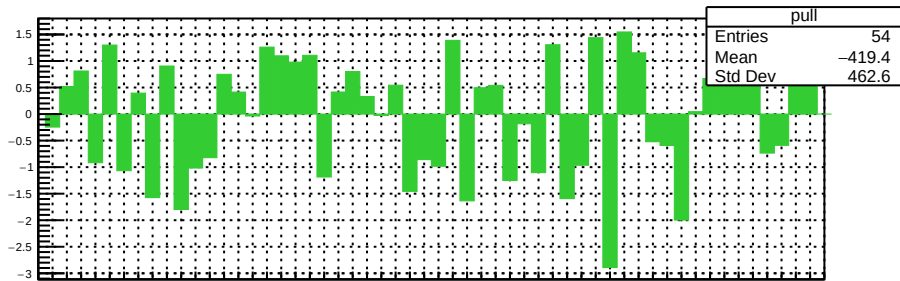
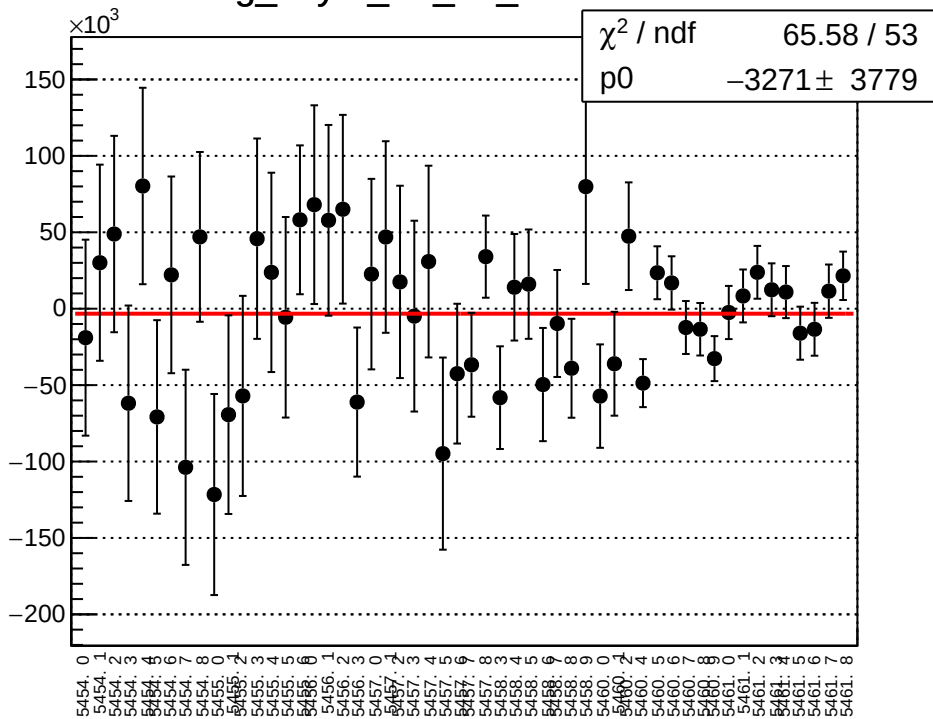
asym\_atr\_avg\_mean vs run



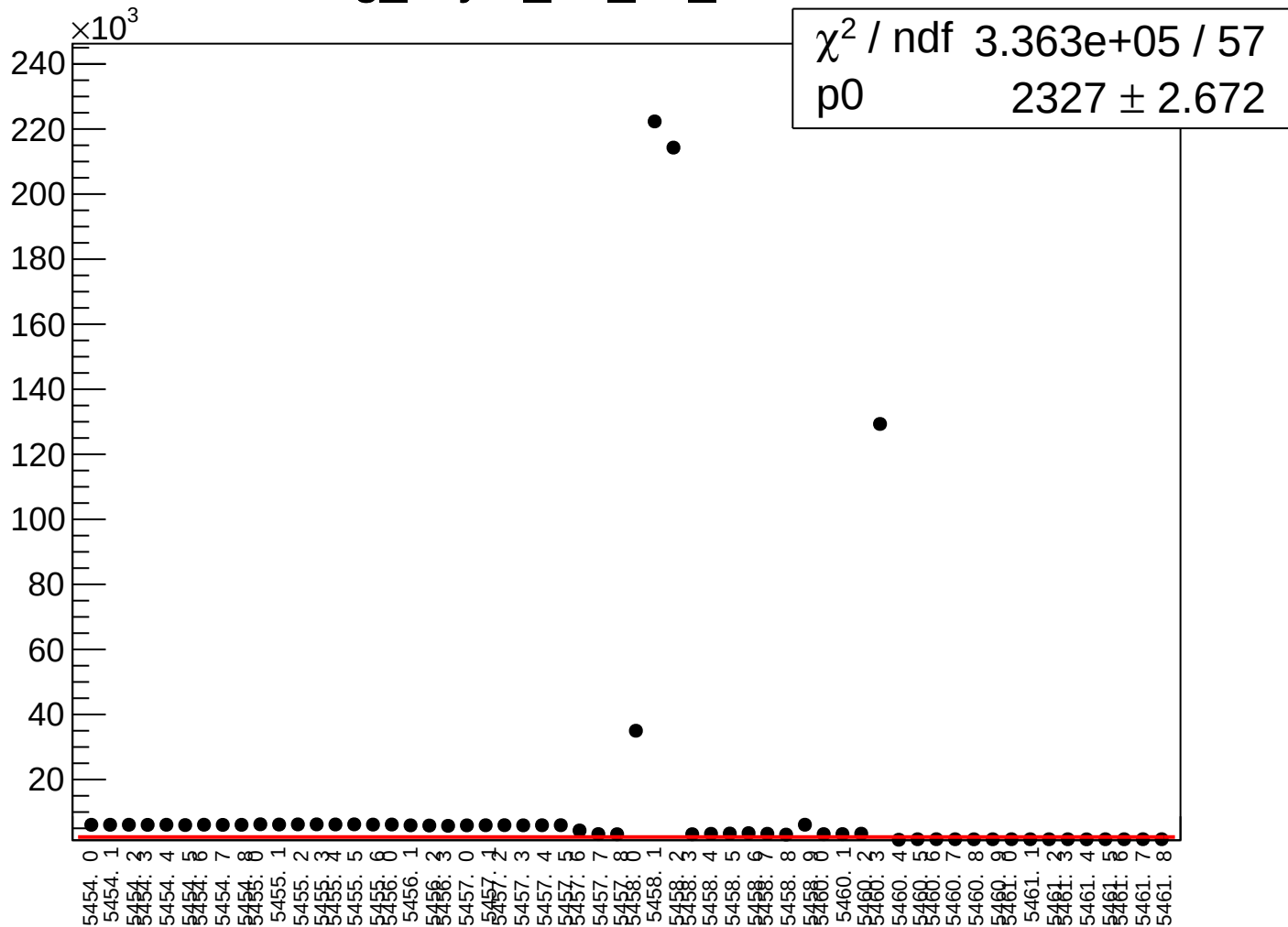
asym\_atr\_avg\_rms vs run



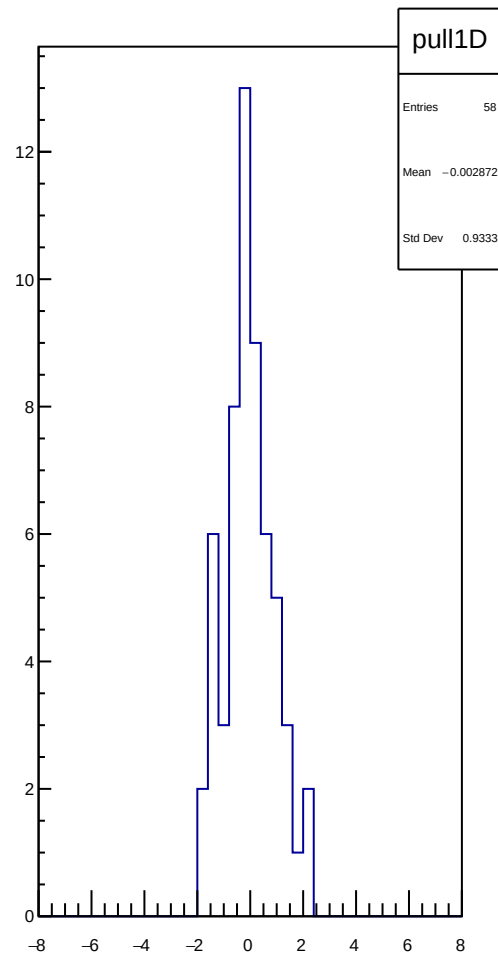
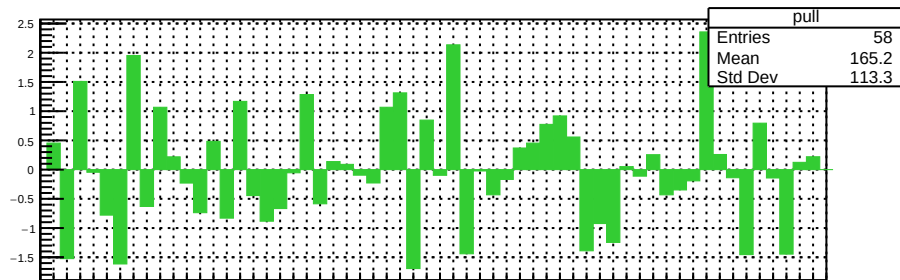
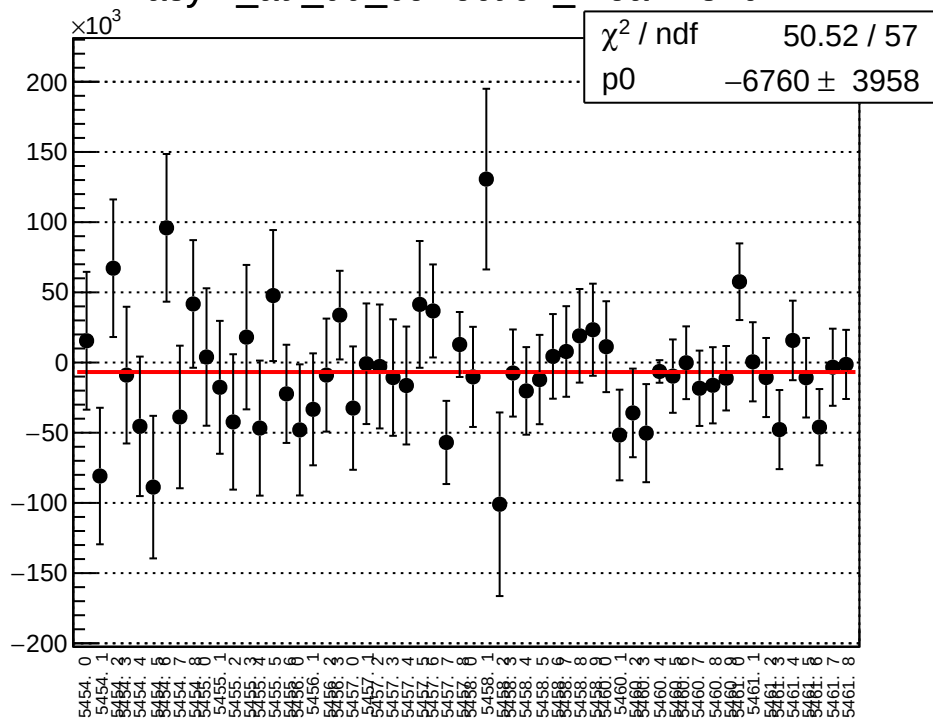
## reg\_asym\_atr\_dd\_mean vs run



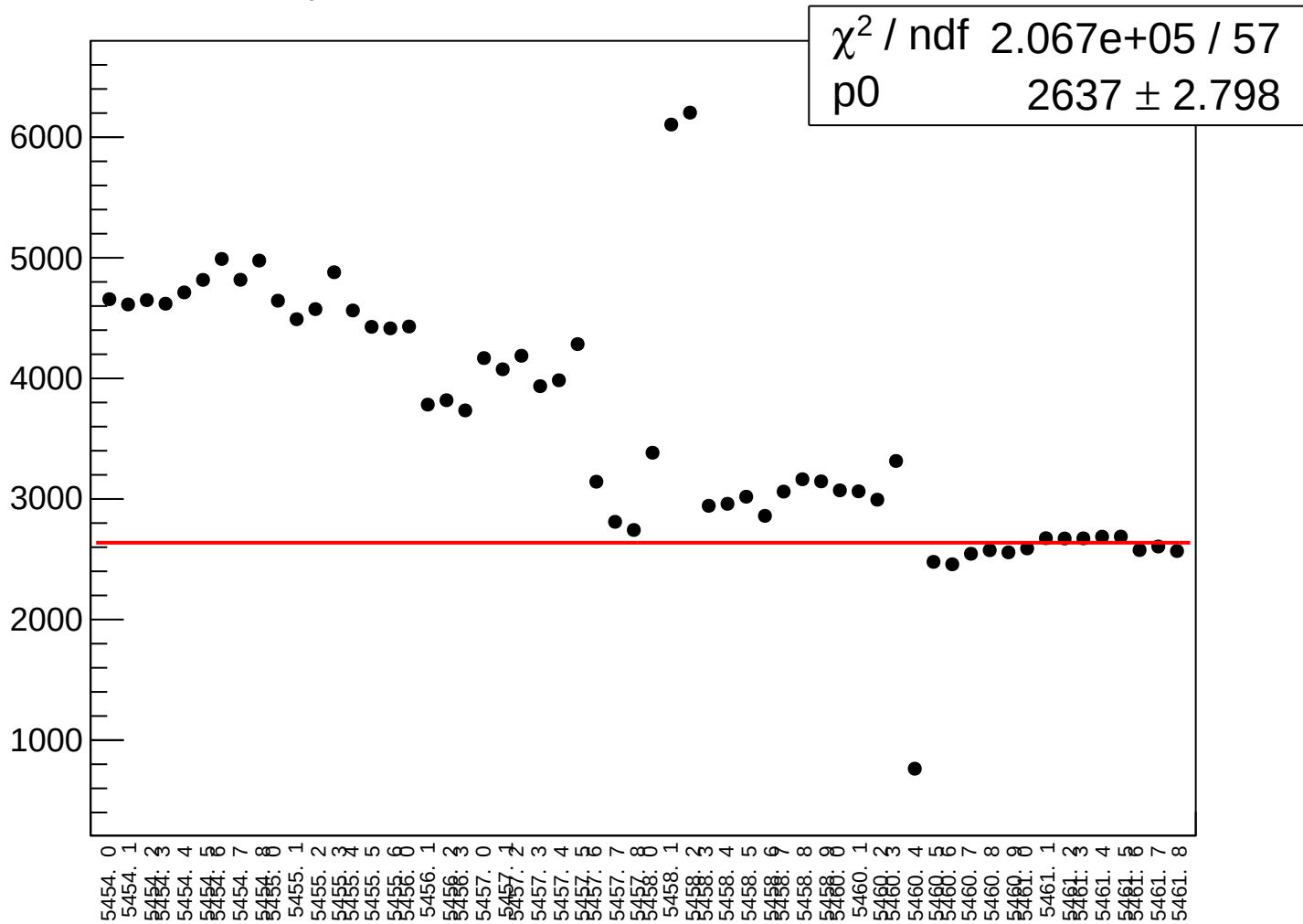
# reg\_asym\_atr\_dd\_rms vs run



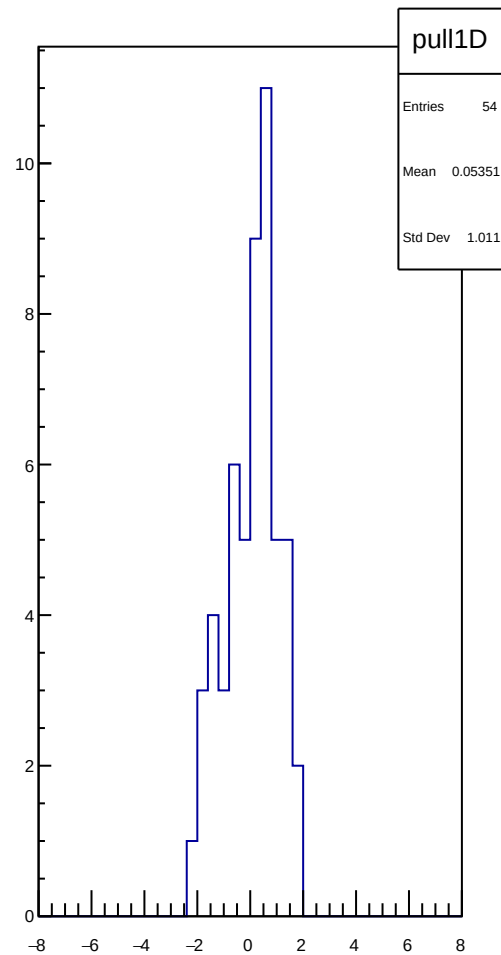
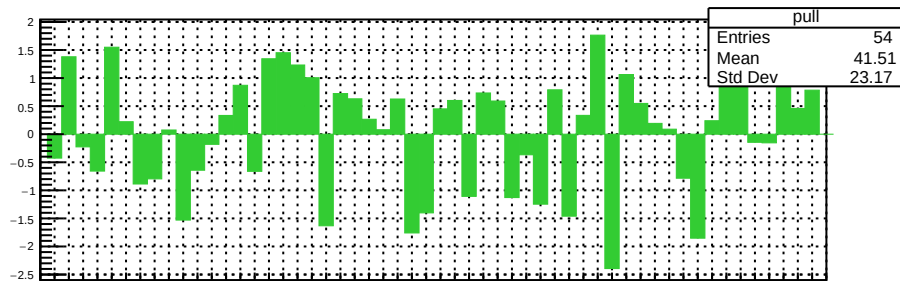
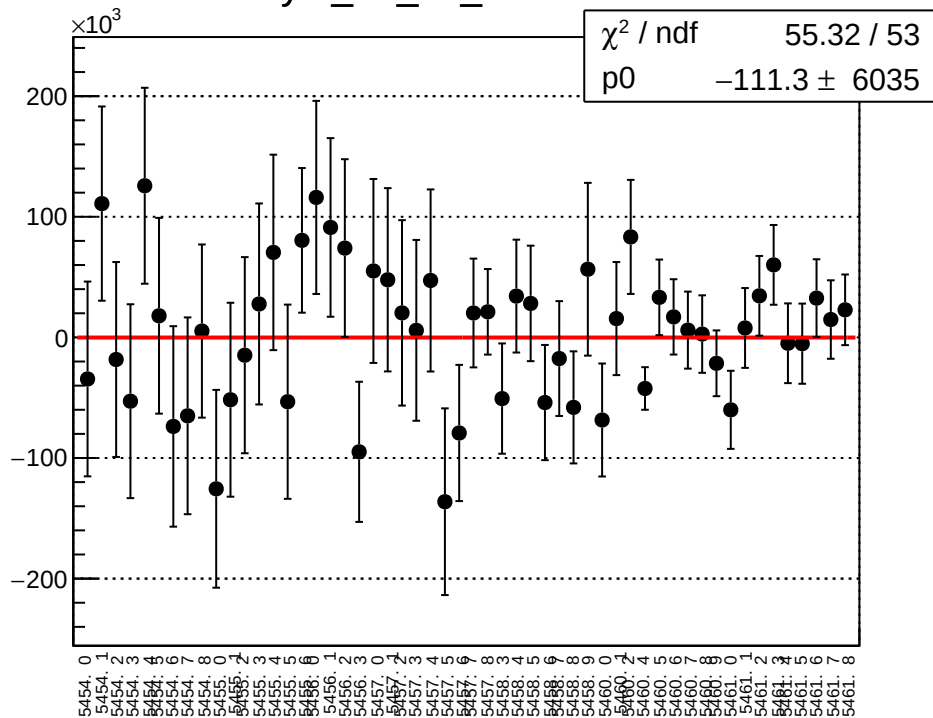
asym\_atr\_dd\_correction\_mean vs run



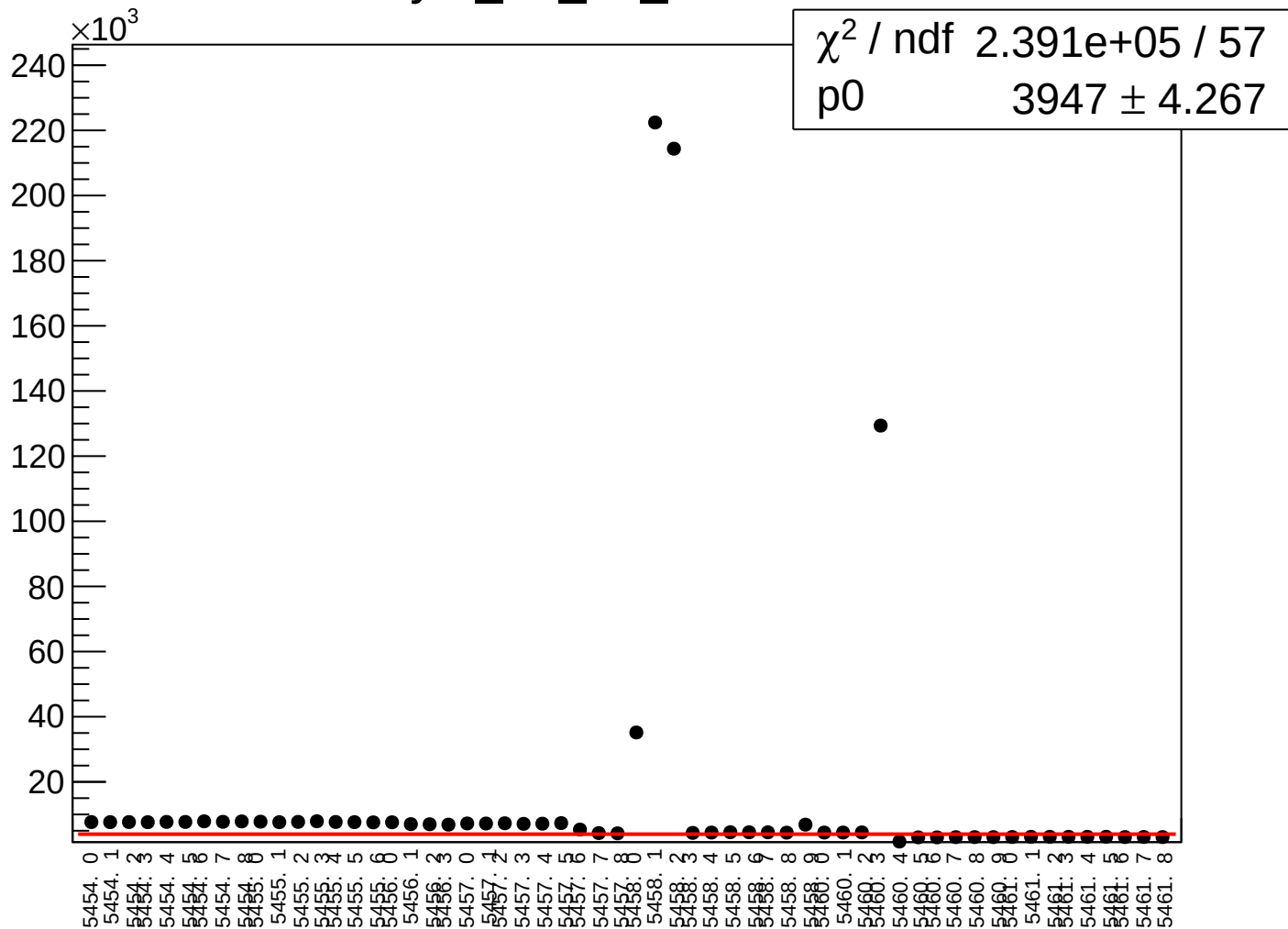
# asym\_atr\_dd\_correction\_rms vs run



asym\_atr\_dd\_mean vs run

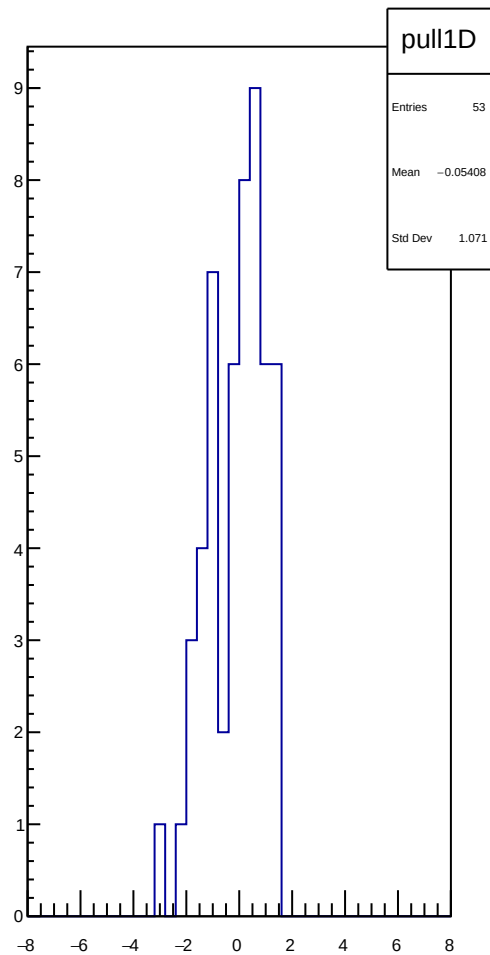
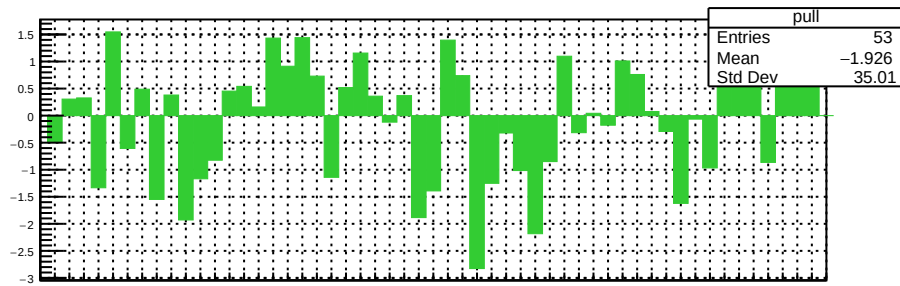
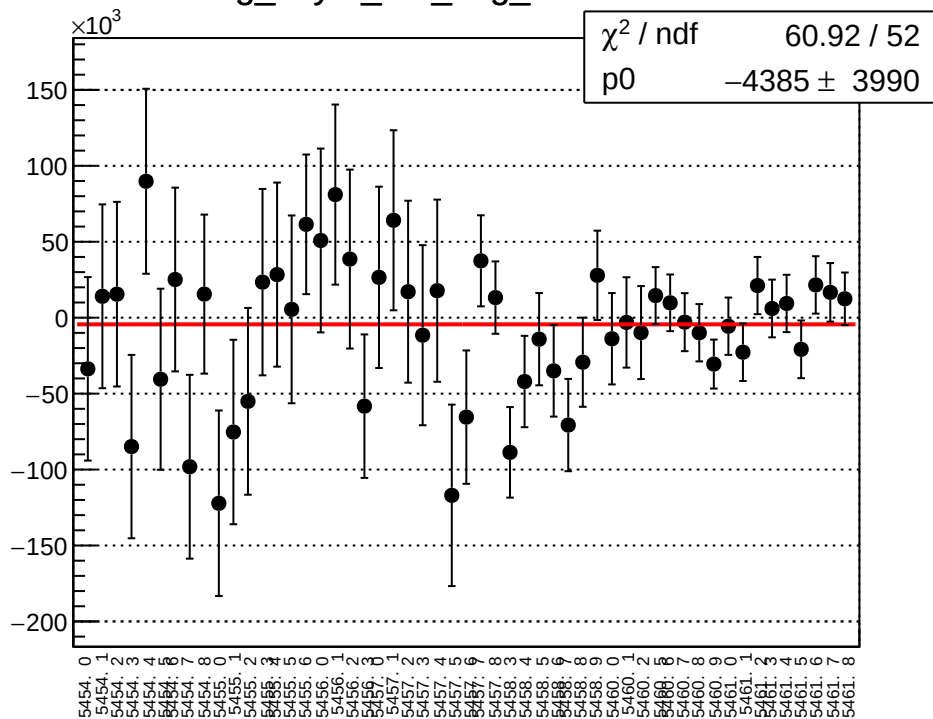


# asym\_atr\_dd\_rms vs run

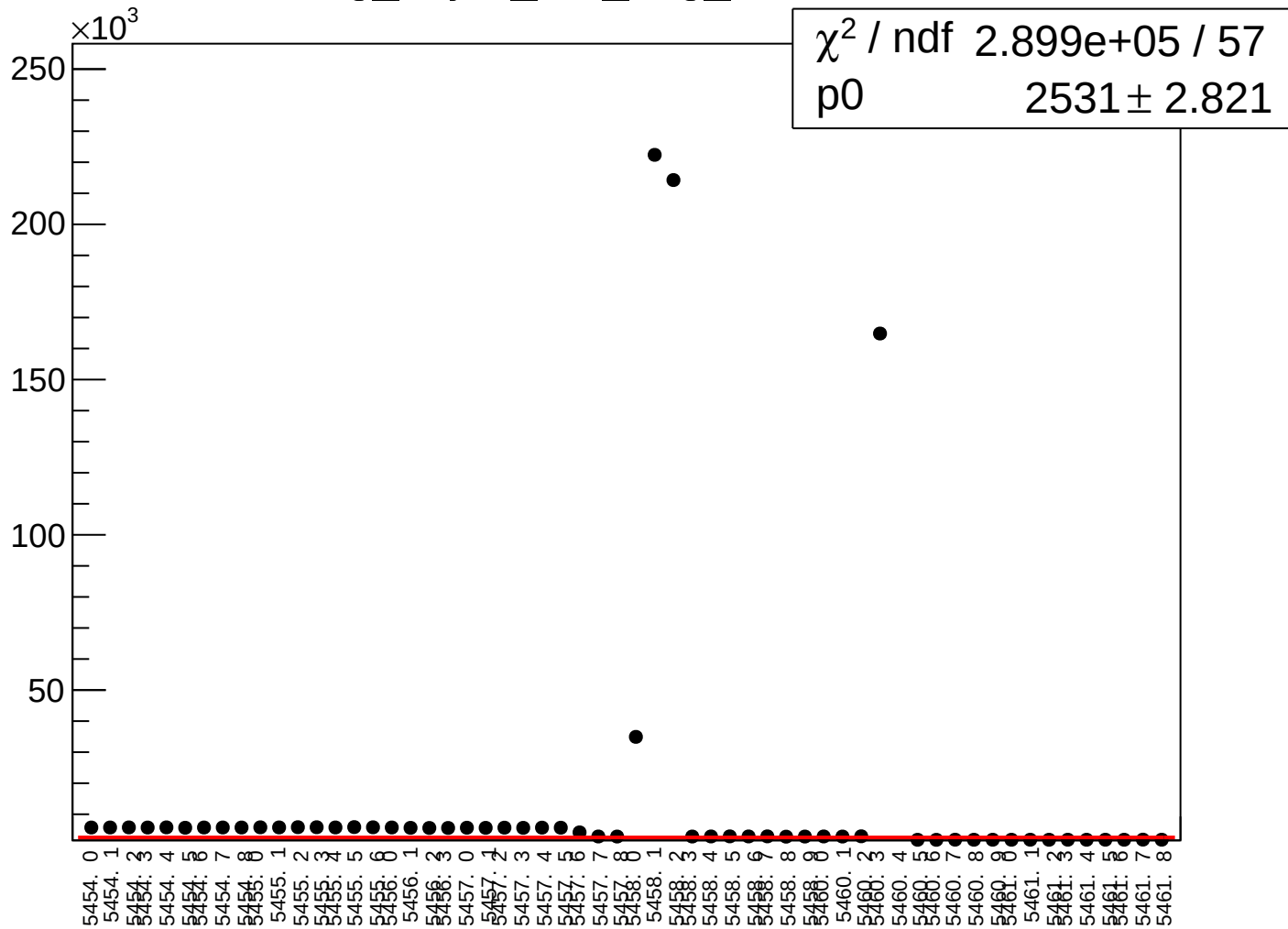




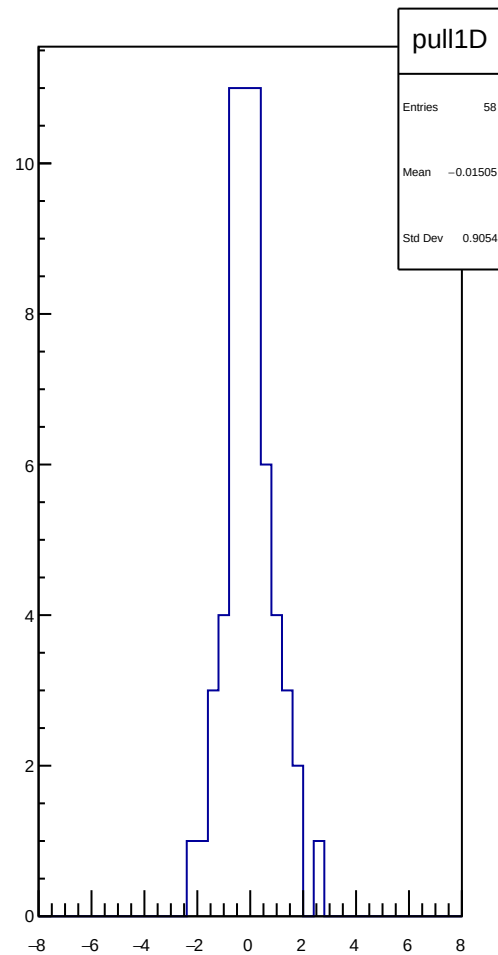
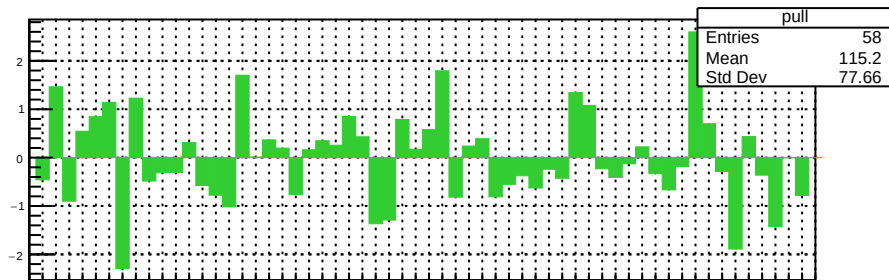
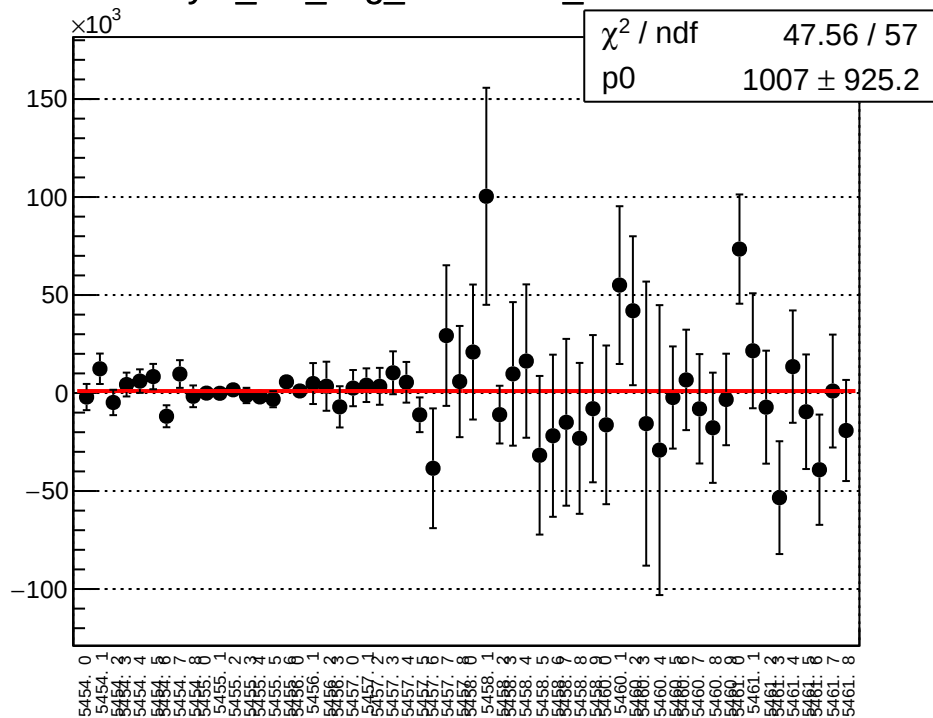
# reg\_asym\_at1\_avg\_mean vs run



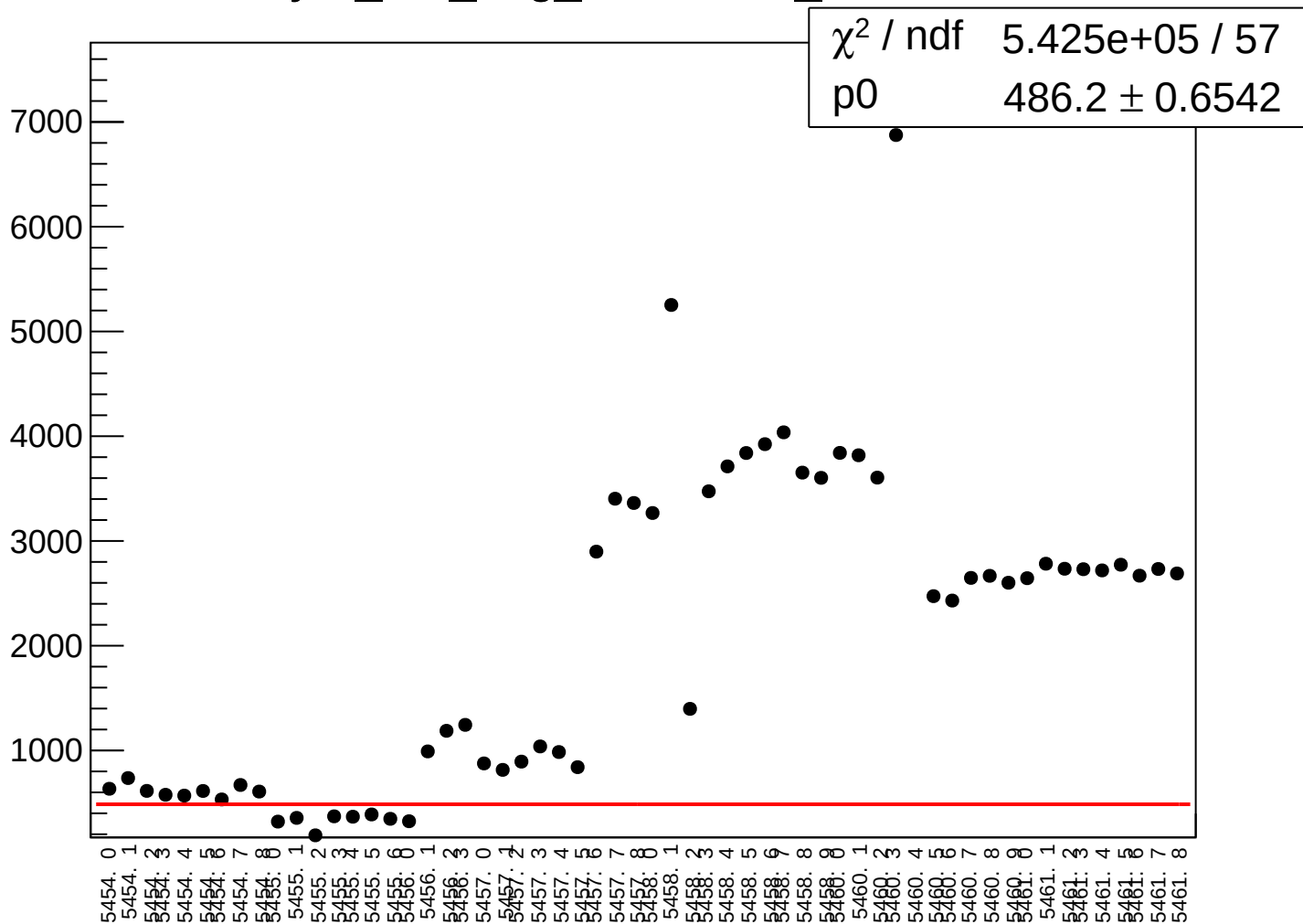
reg\_asym\_at1\_avg\_rms vs run



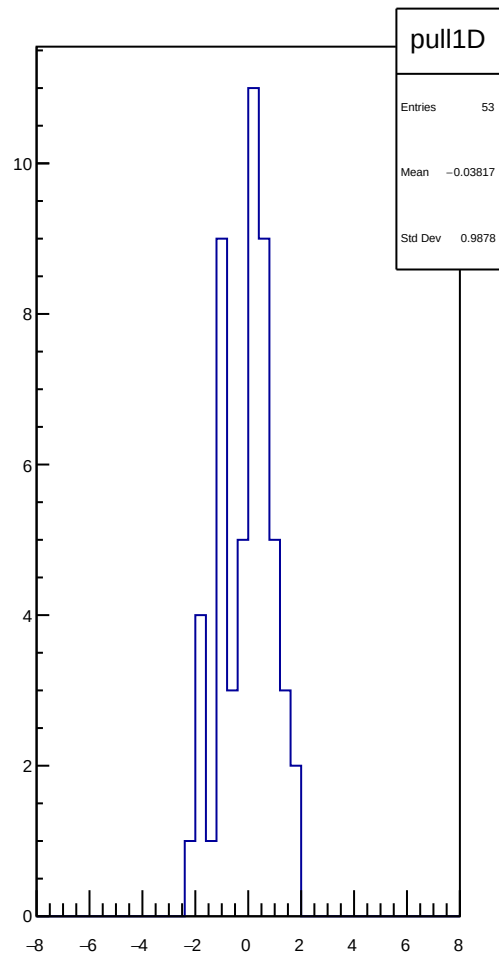
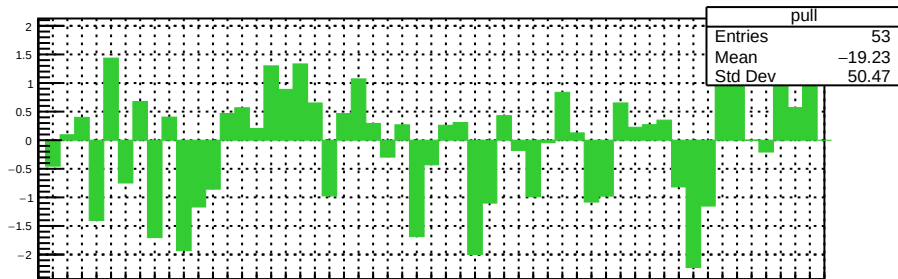
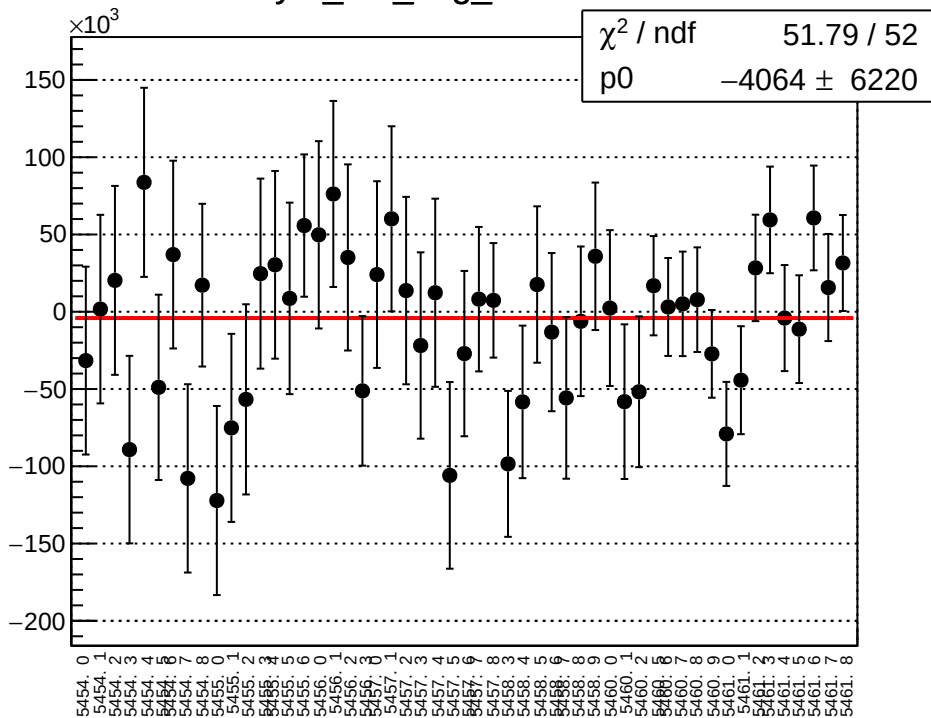
asym\_at1\_avg\_correction\_mean vs run



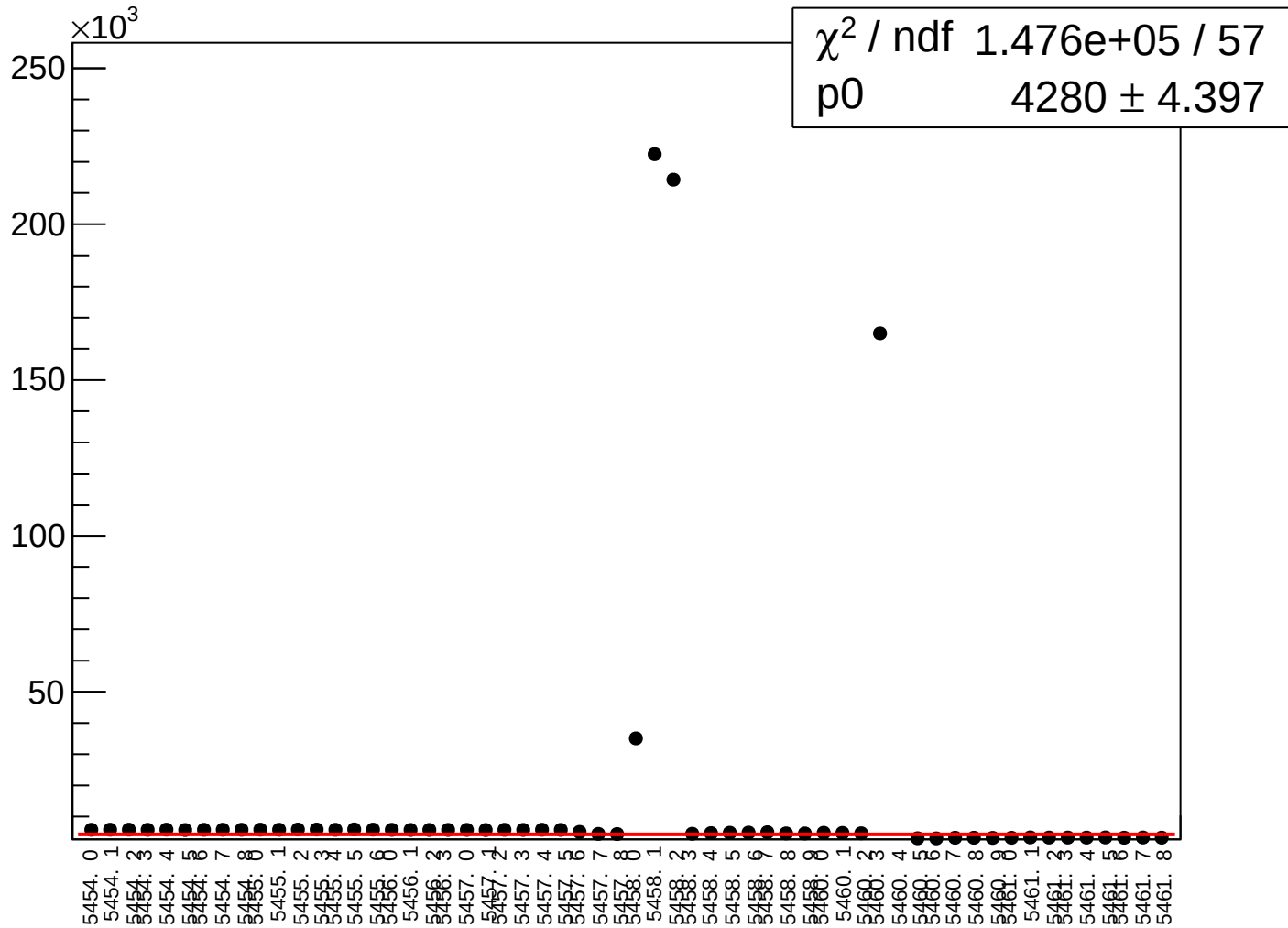
# asym\_at1\_avg\_correction\_rms vs run



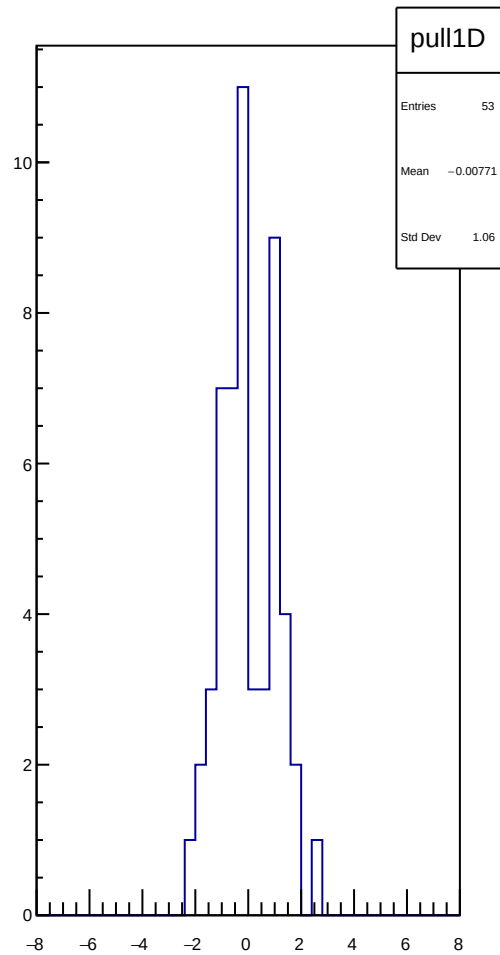
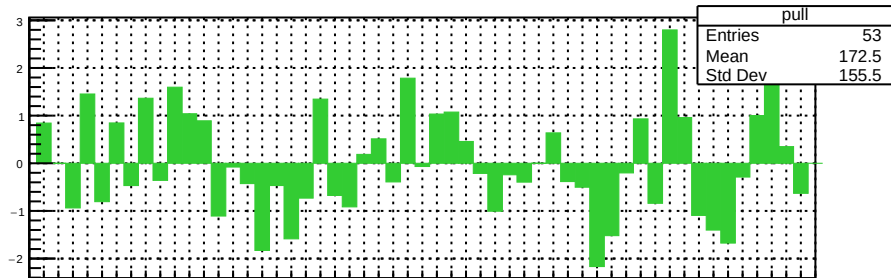
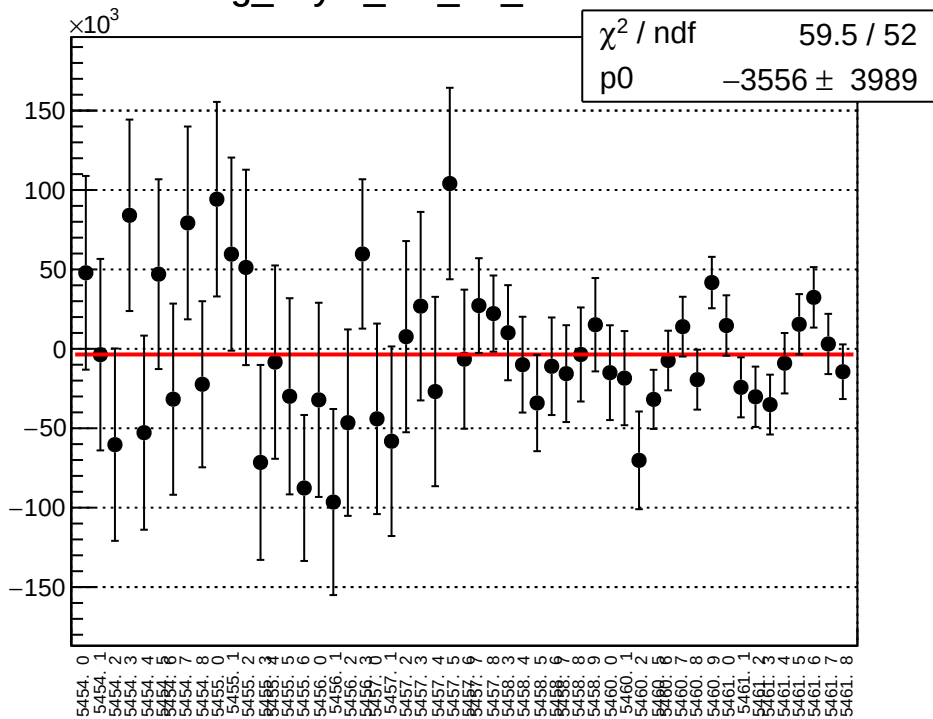
asym\_at1\_avg\_mean vs run



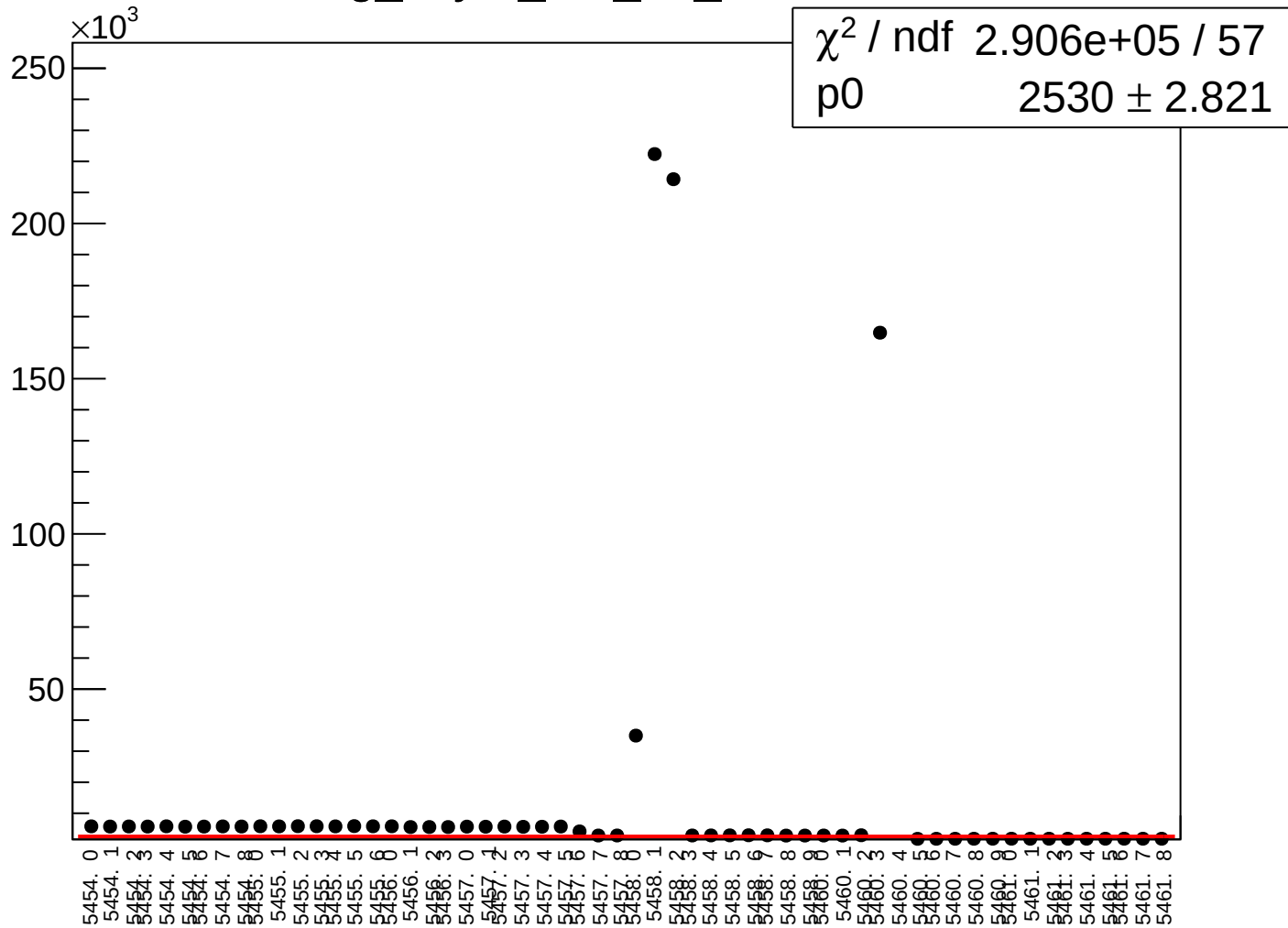
# asym\_at1\_avg\_rms vs run



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

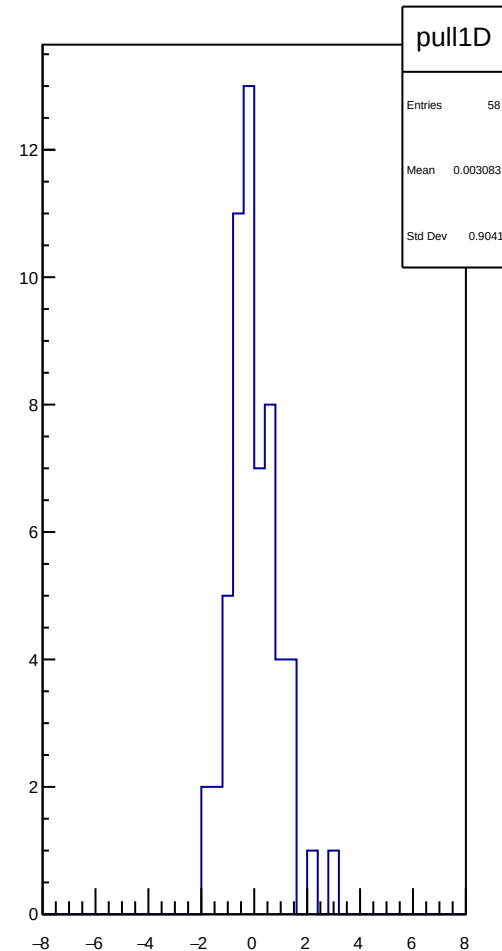
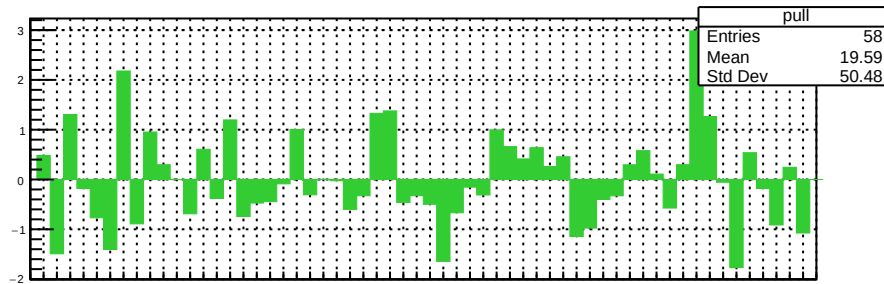
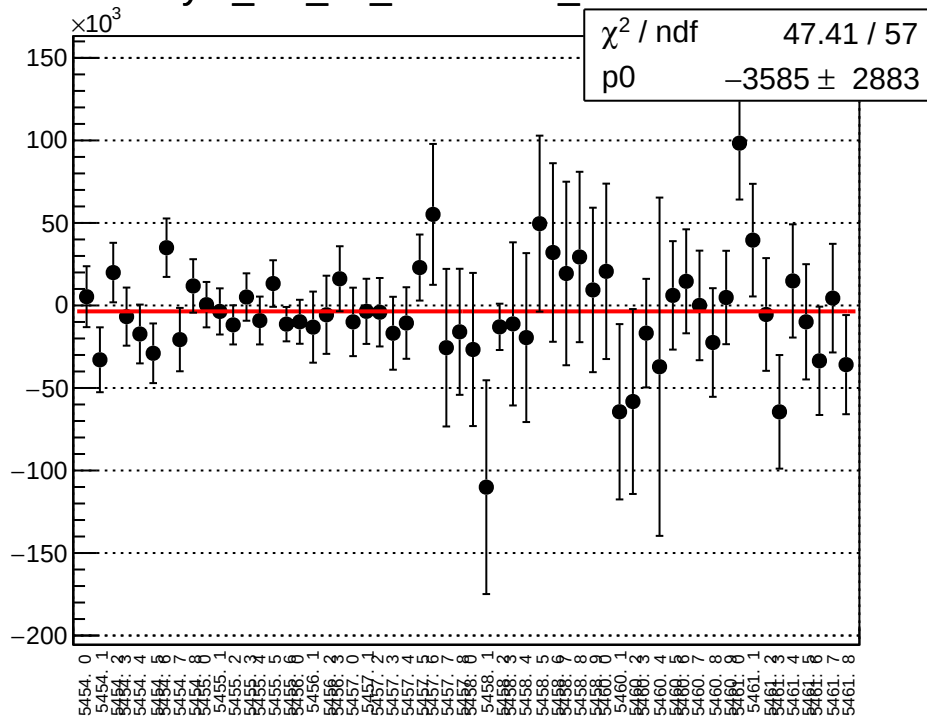


# reg\_asym\_at1\_dd\_rms vs run

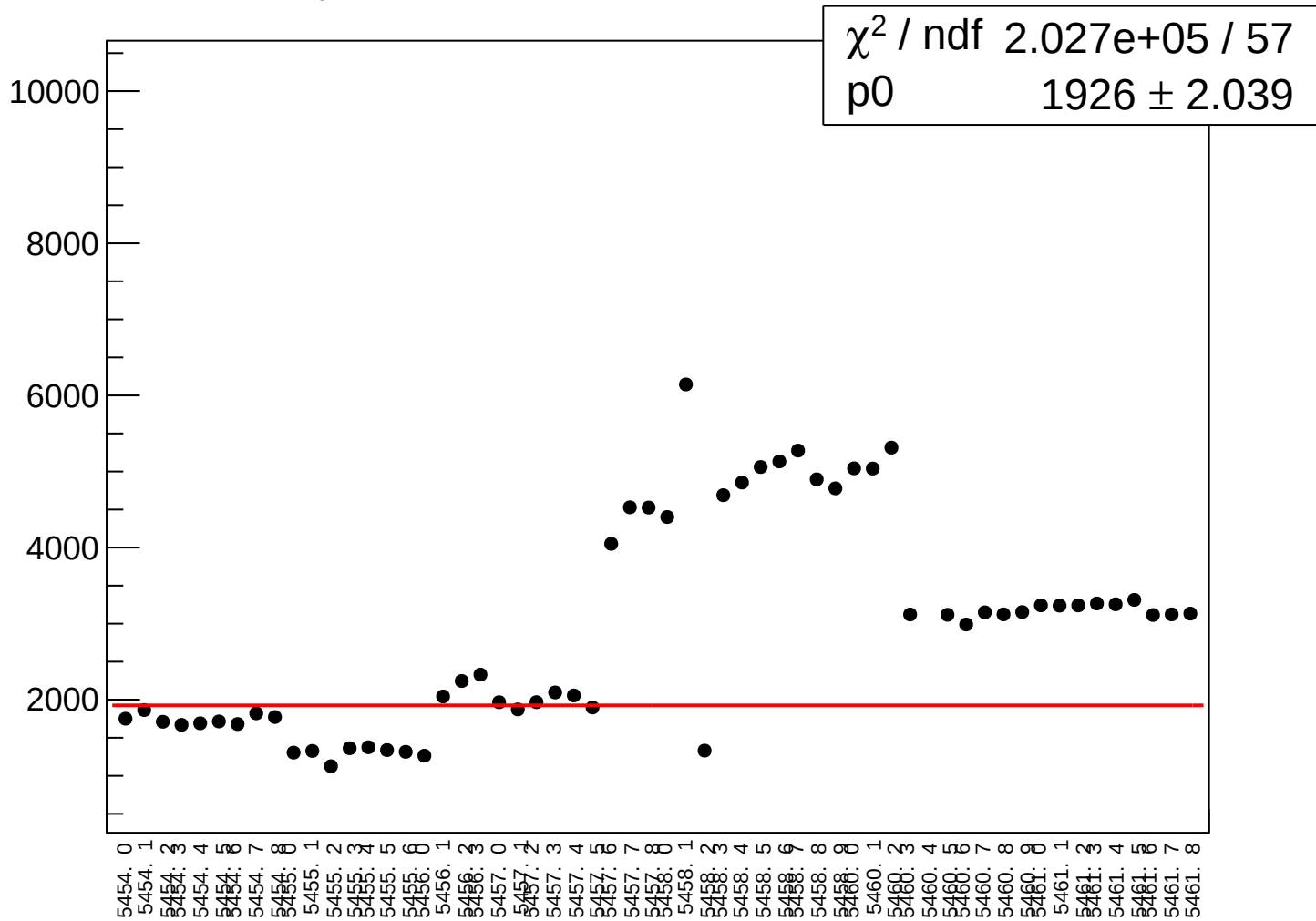




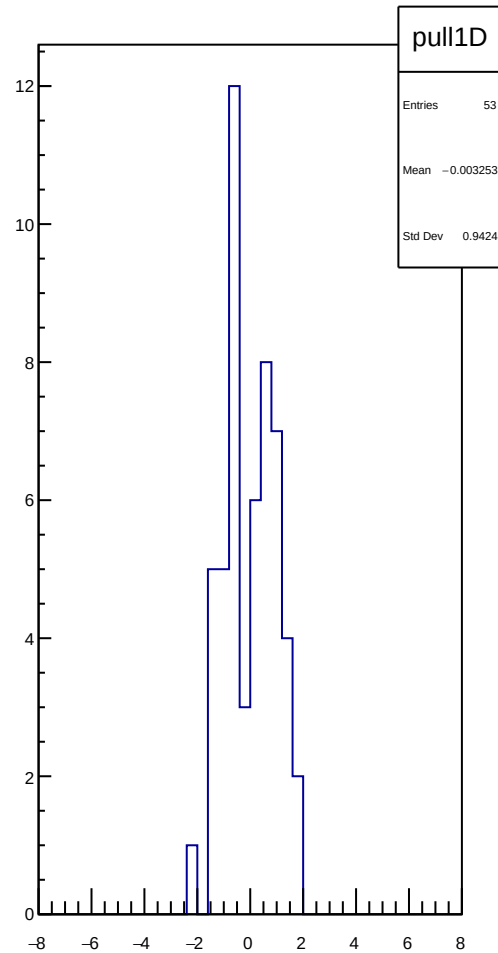
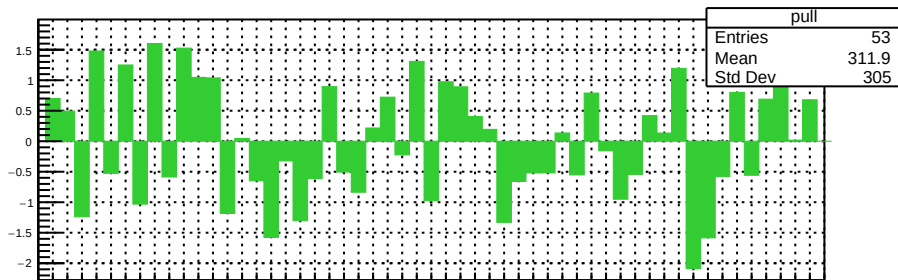
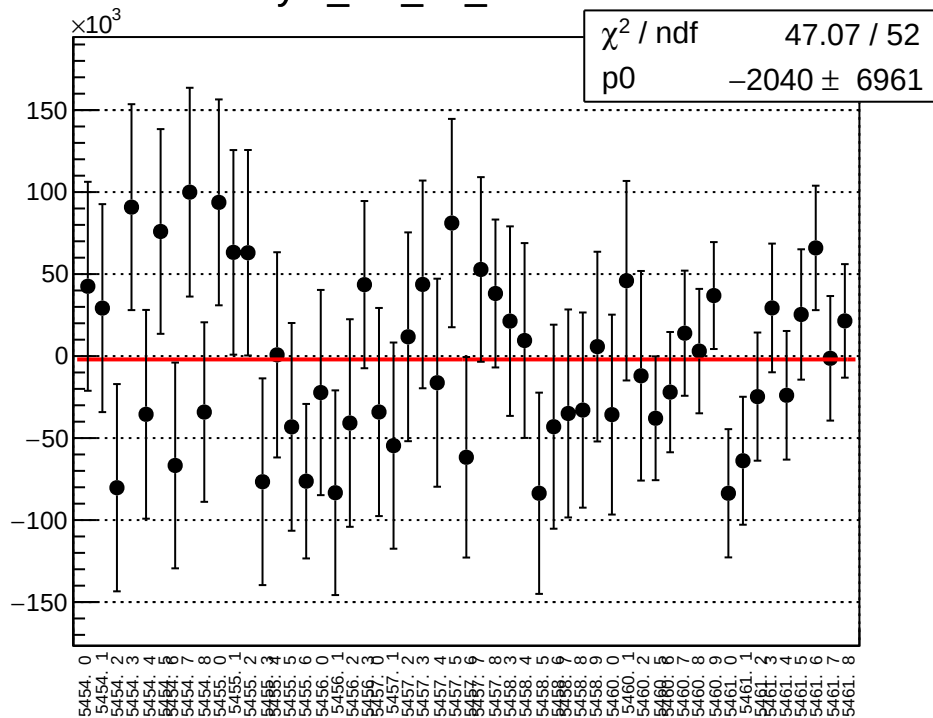
asym\_at1\_dd\_correction\_mean vs run



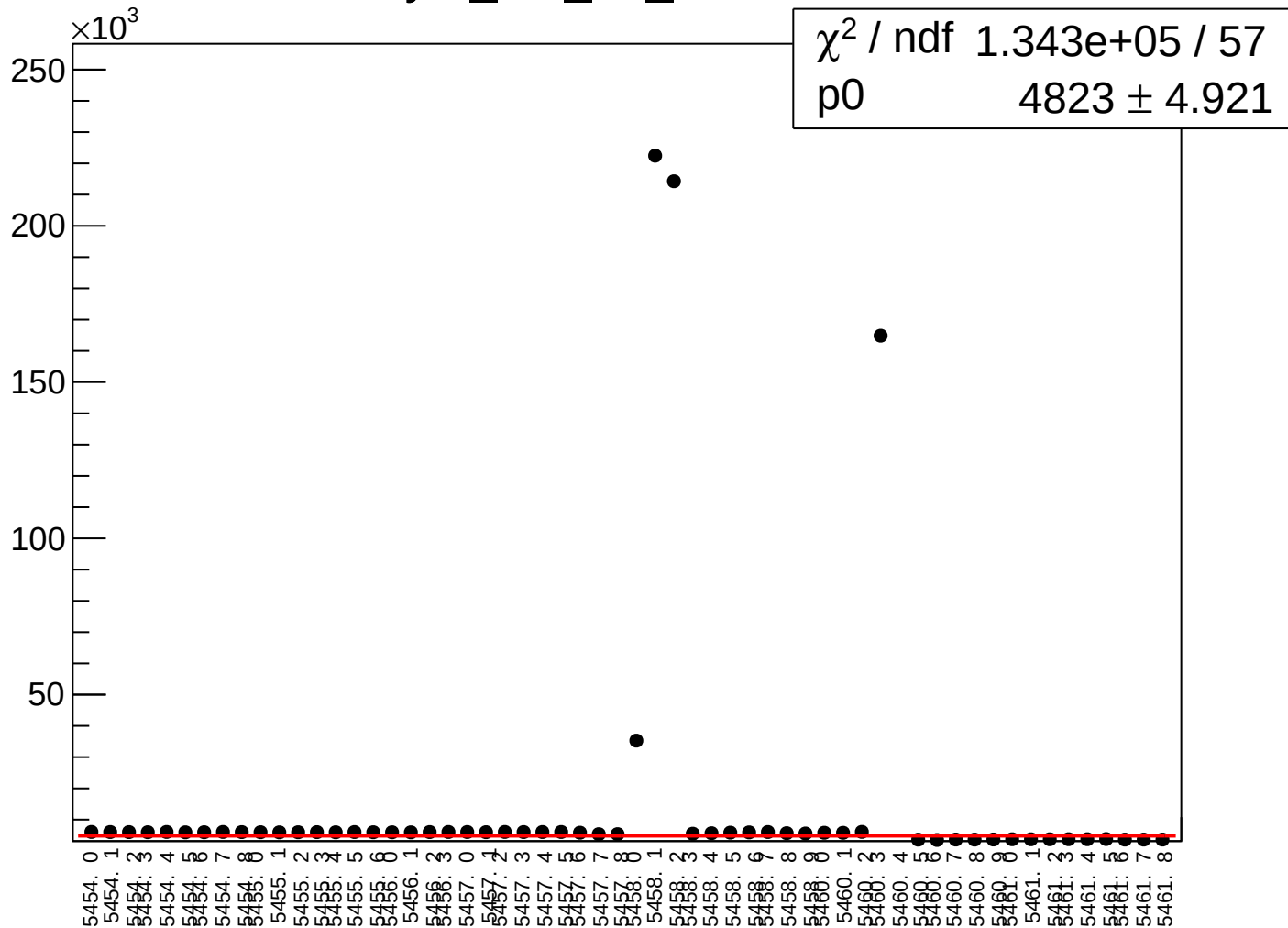
# asym\_at1\_dd\_correction\_rms vs run



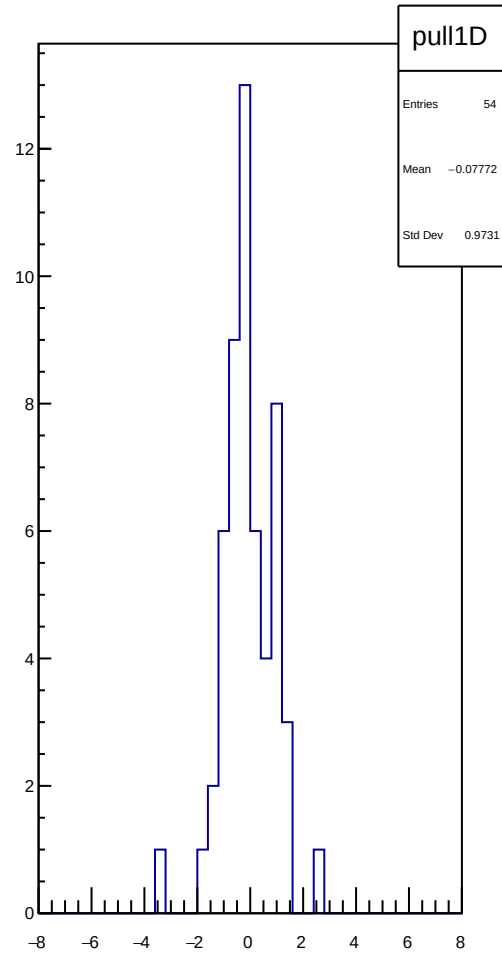
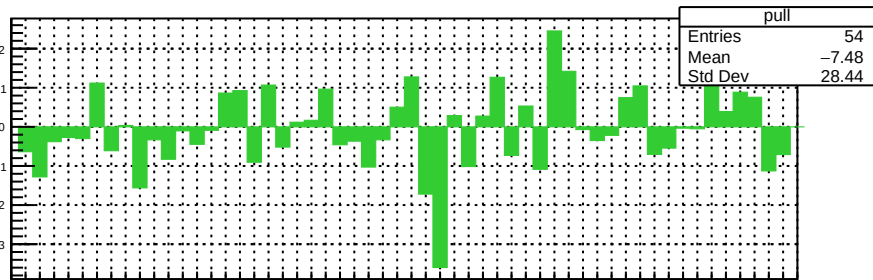
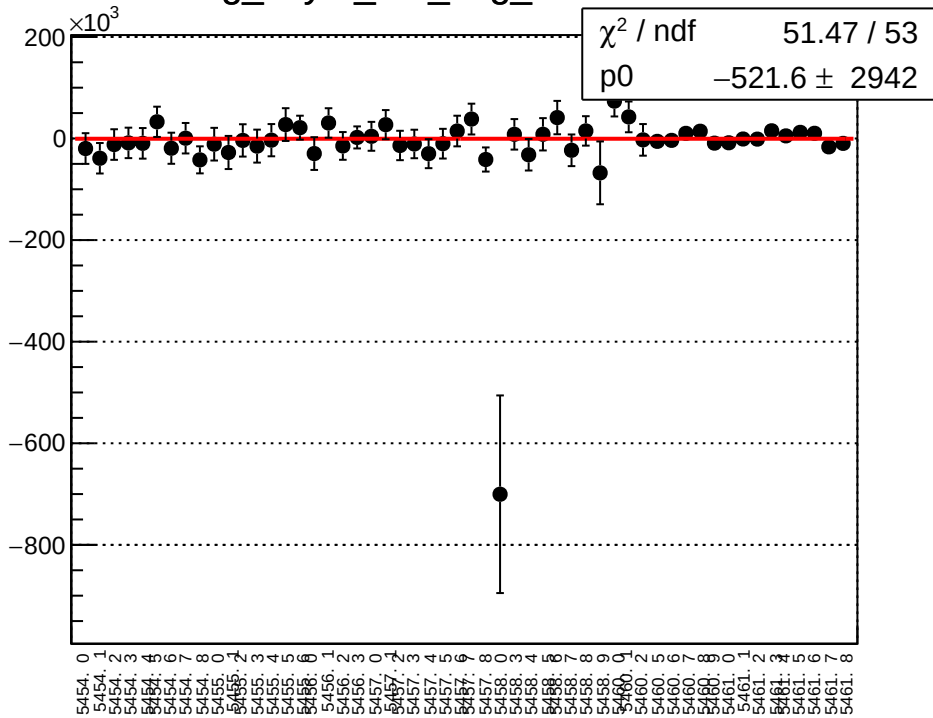
asym\_at1\_dd\_mean vs run



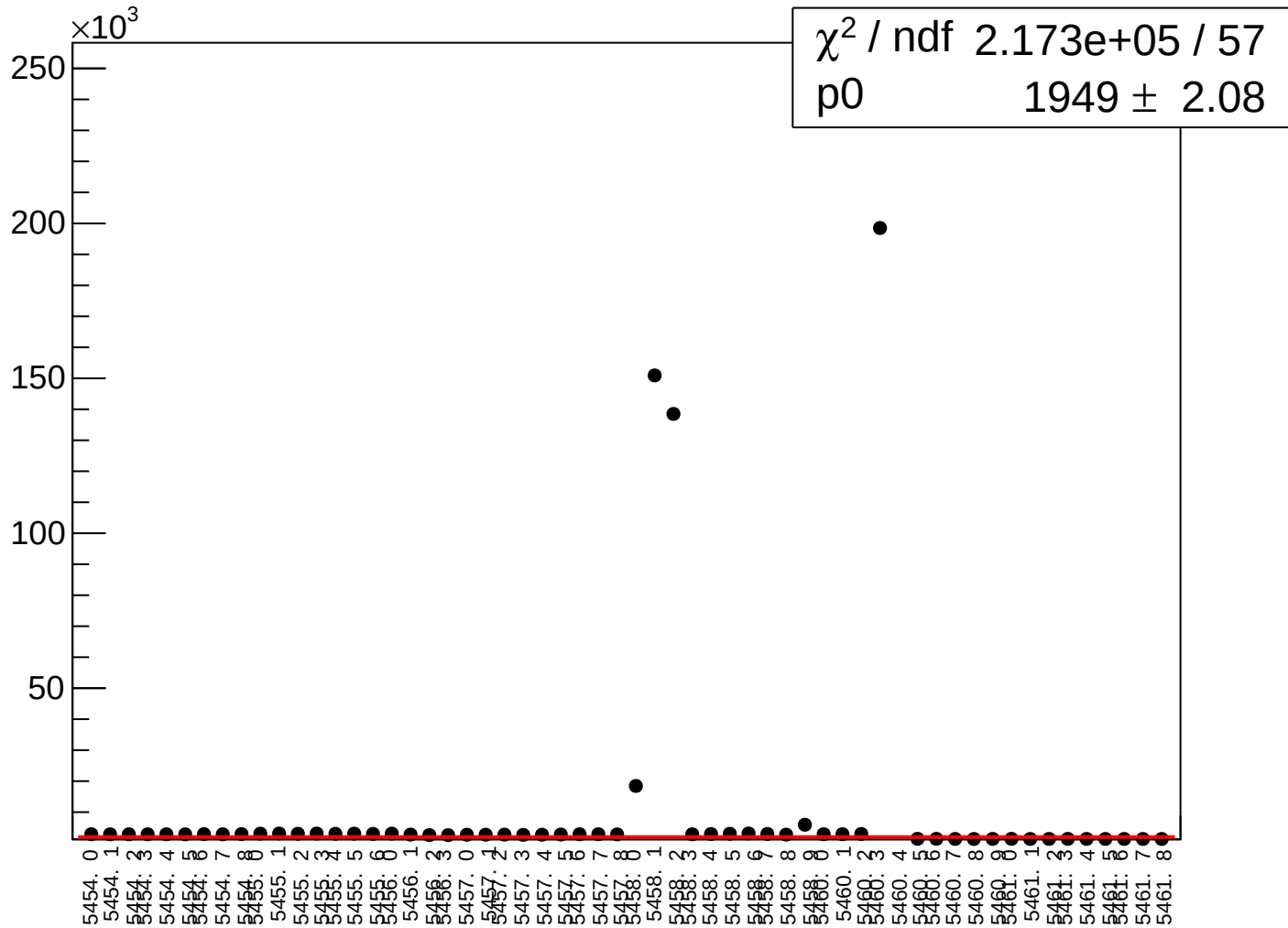
asym\_at1\_dd\_rms vs run



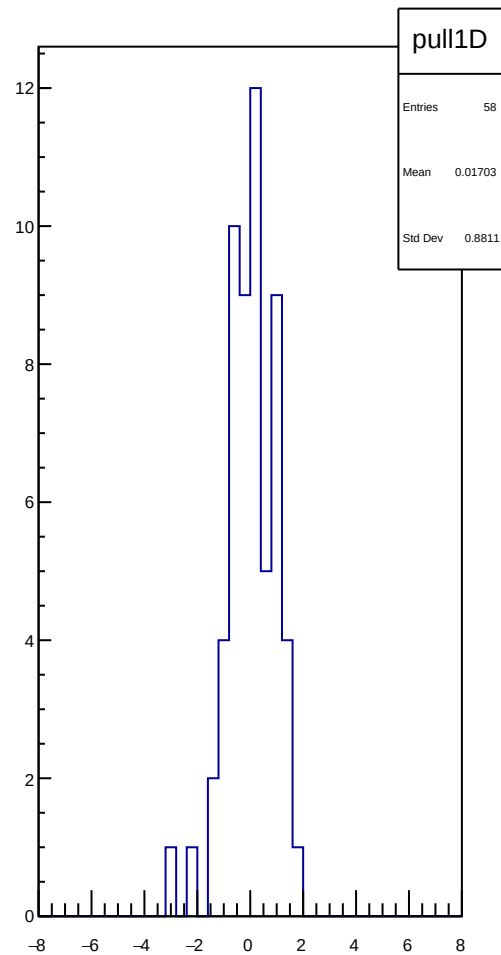
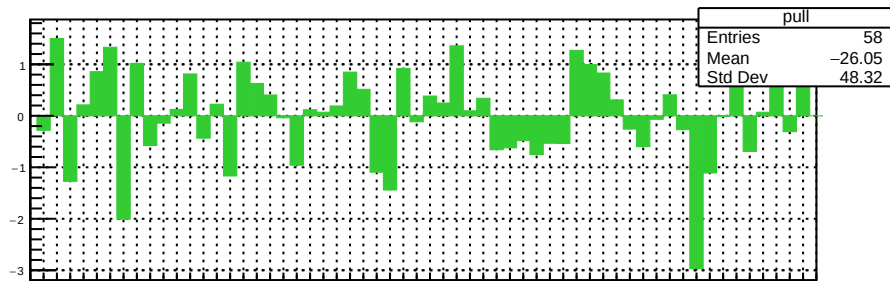
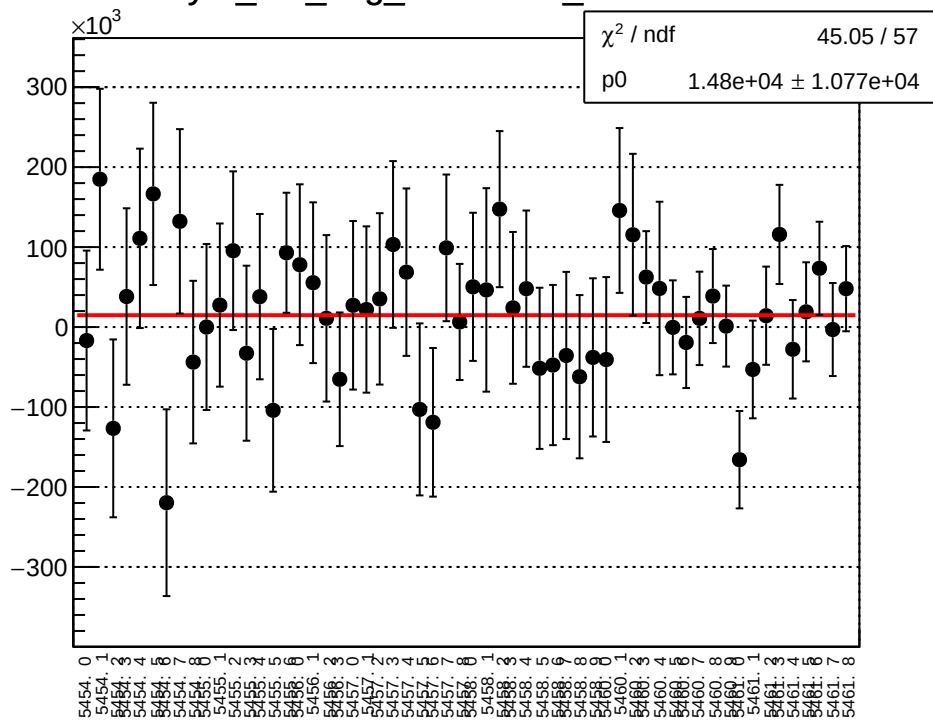
### reg\_asym\_at2\_avg\_mean vs run



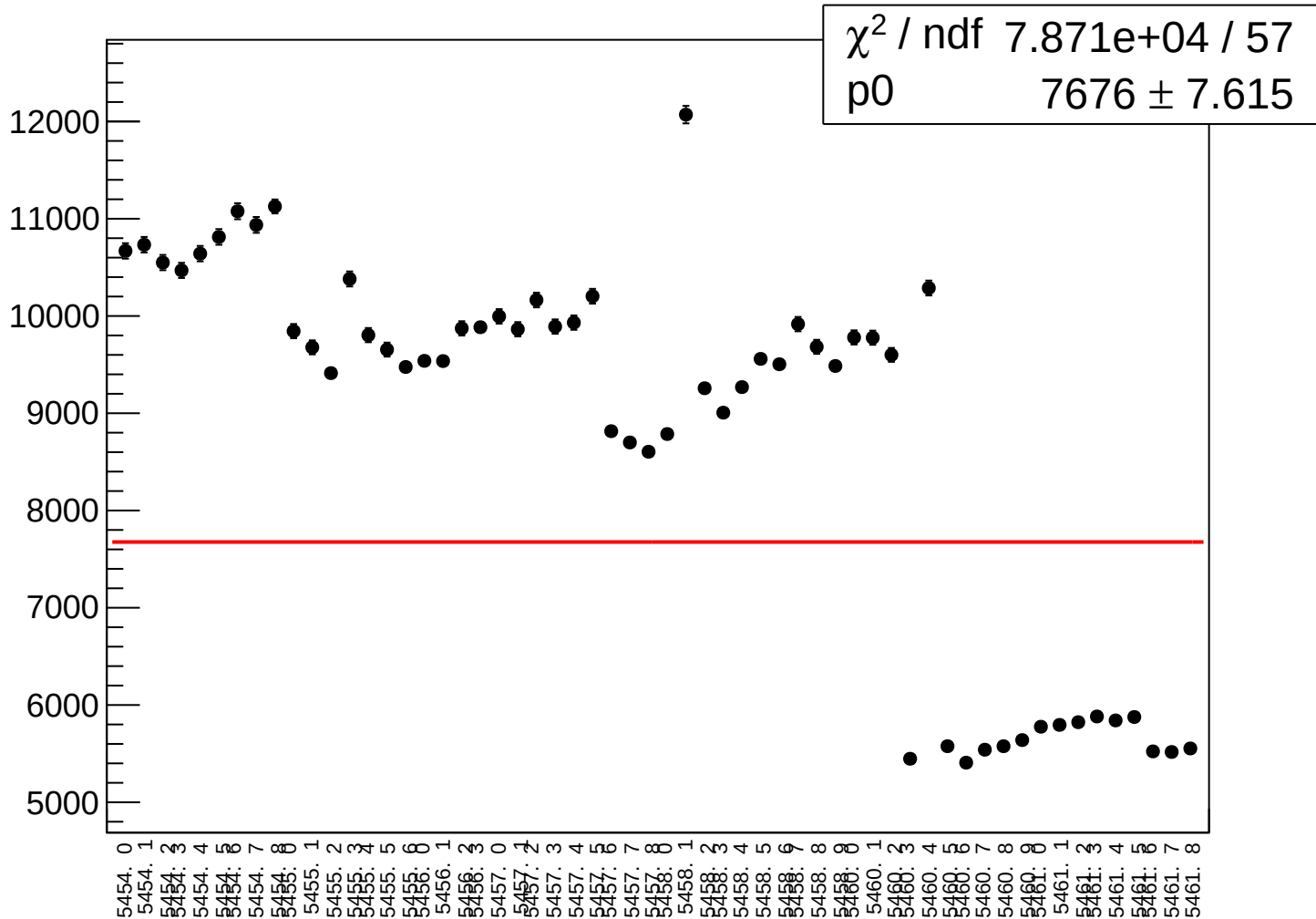
reg\_asym\_at2\_avg\_rms vs run



asym\_at2\_avg\_correction\_mean vs run

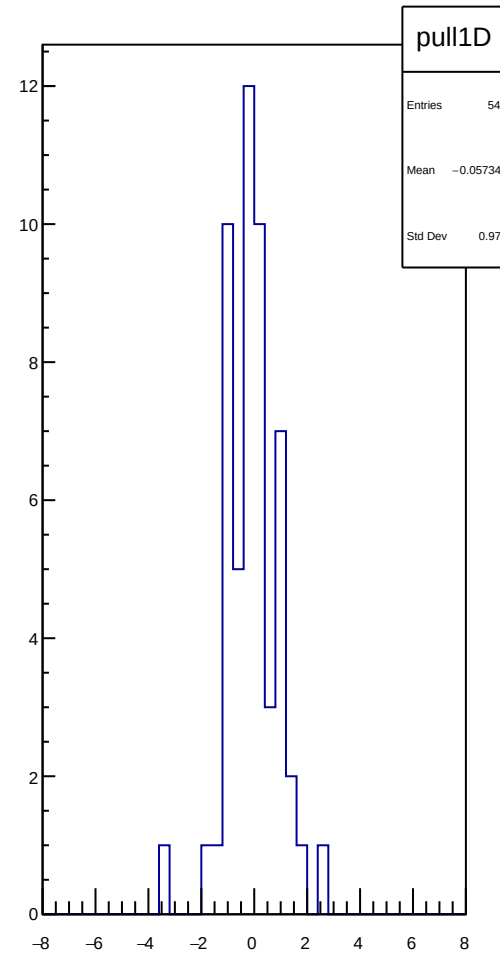
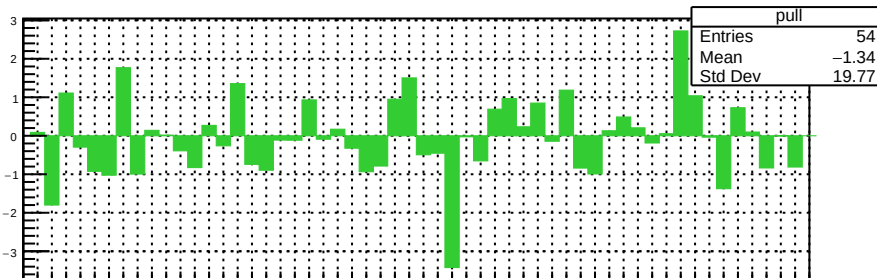
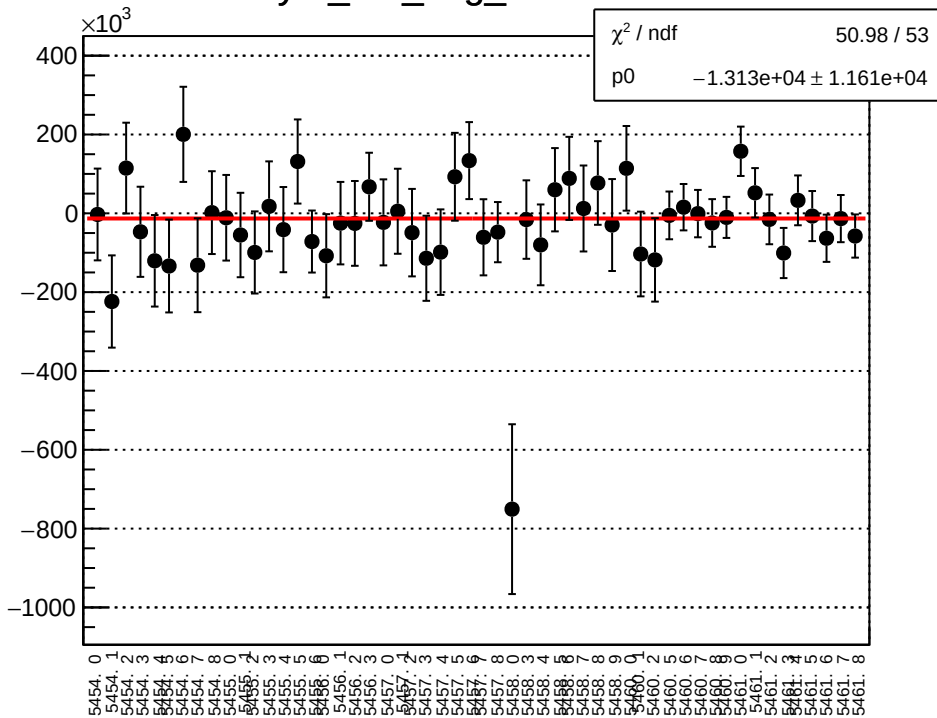


# asym\_at2\_avg\_correction\_rms vs run

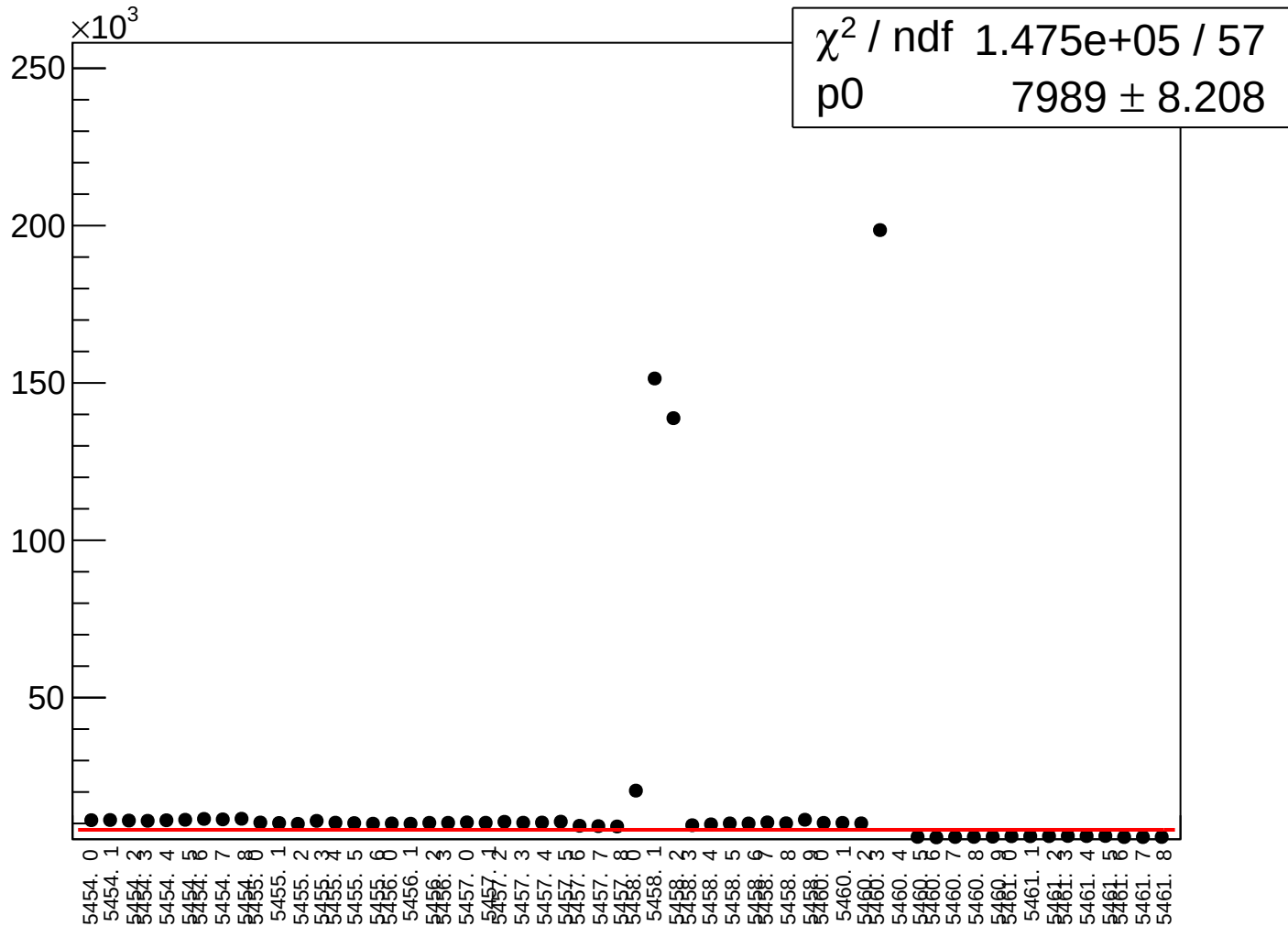




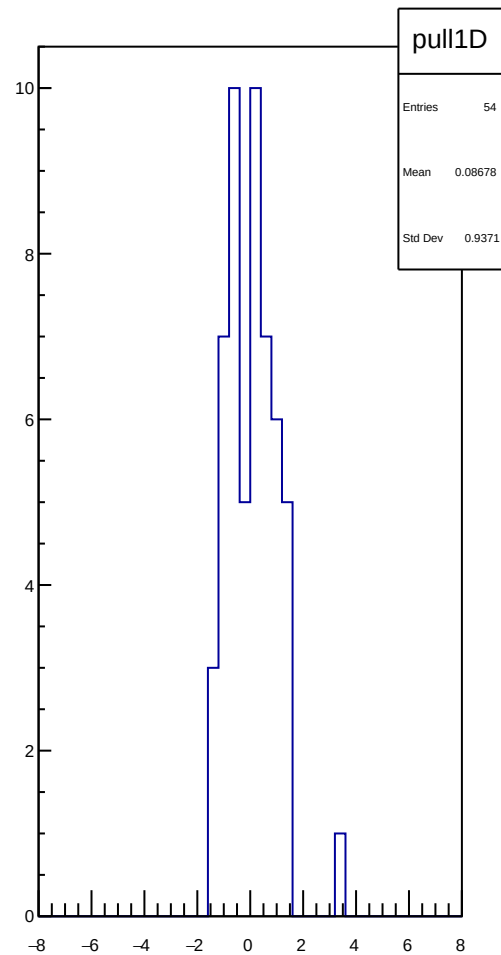
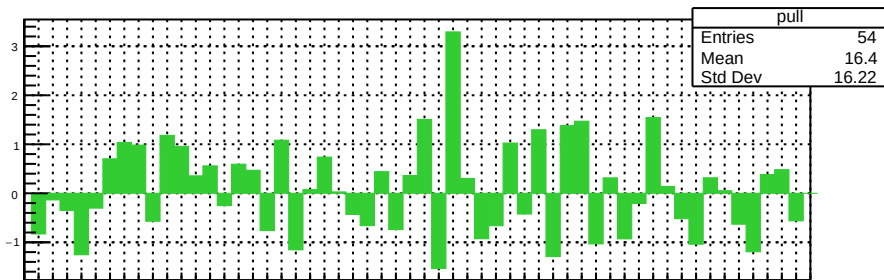
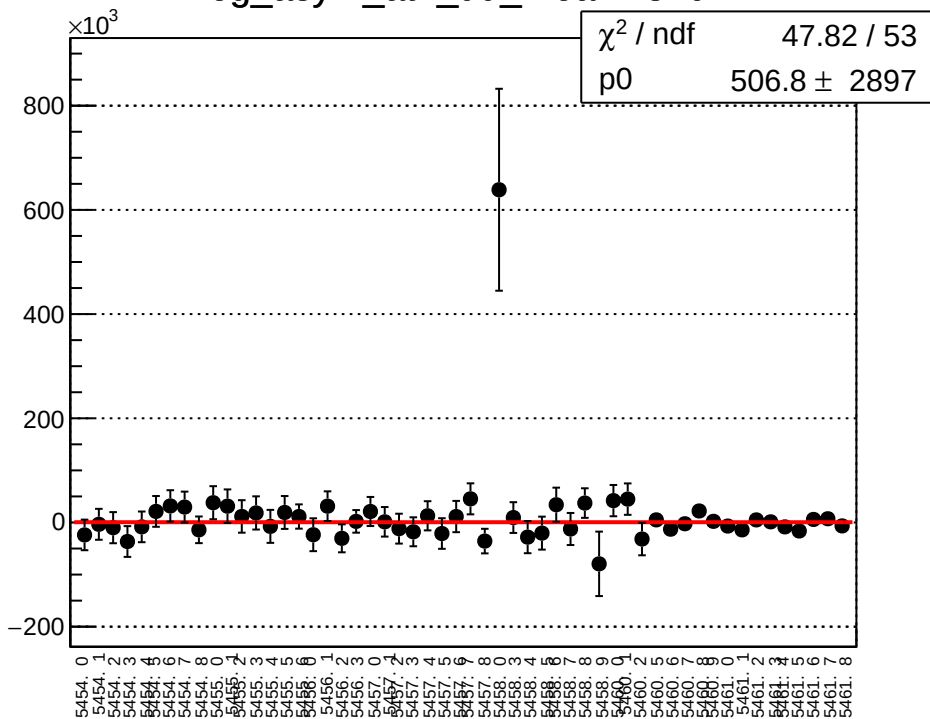
asym\_at2\_avg\_mean vs run



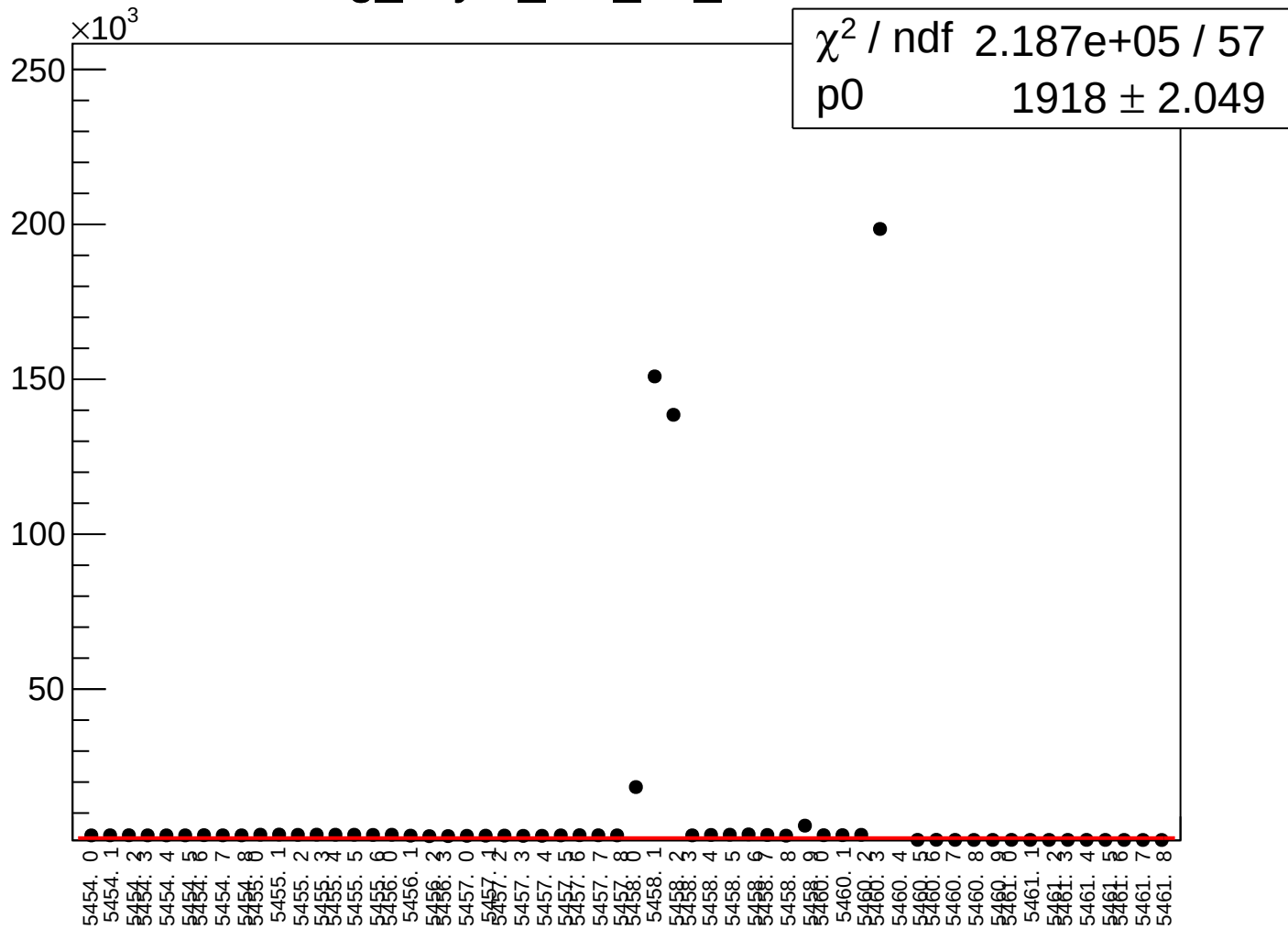
# asym\_at2\_avg\_rms vs run



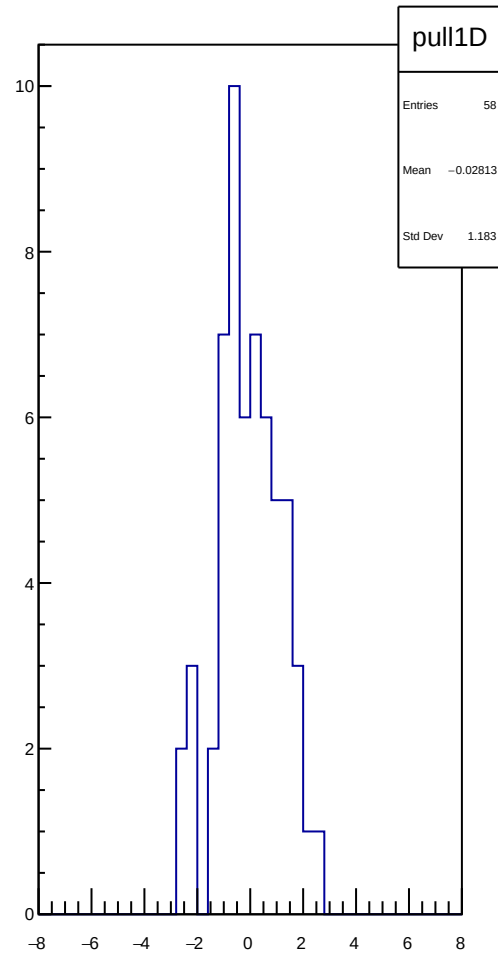
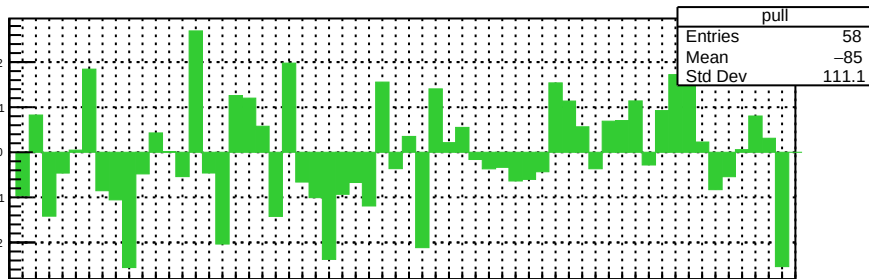
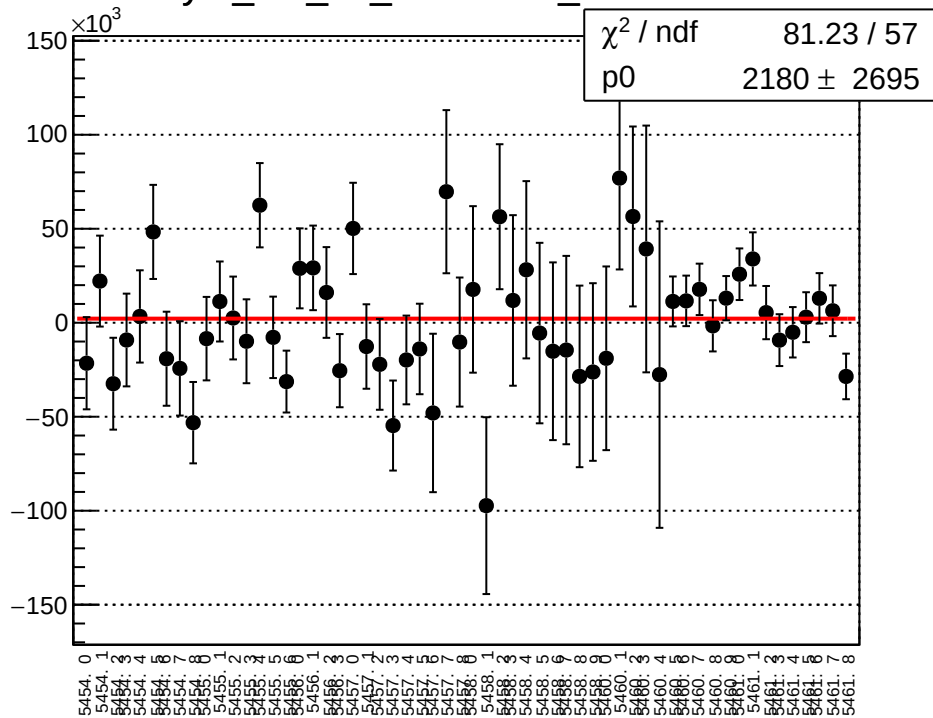
# reg\_asym\_at2\_dd\_mean vs run



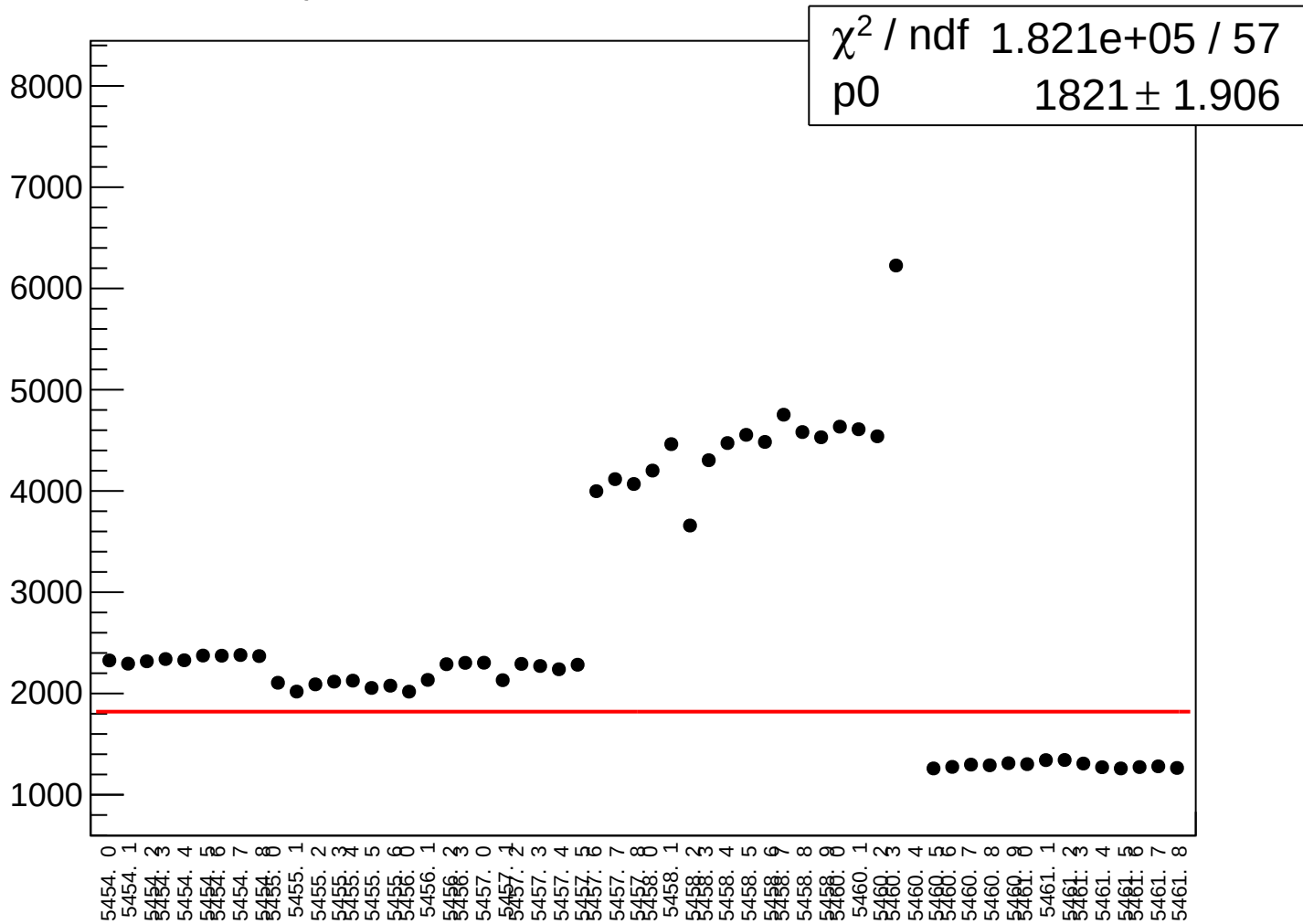
# reg\_asym\_at2\_dd\_rms vs run



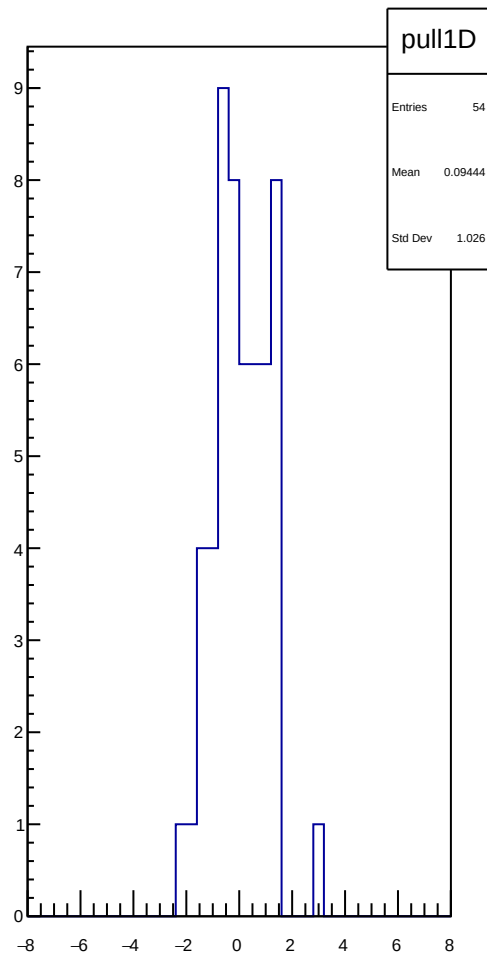
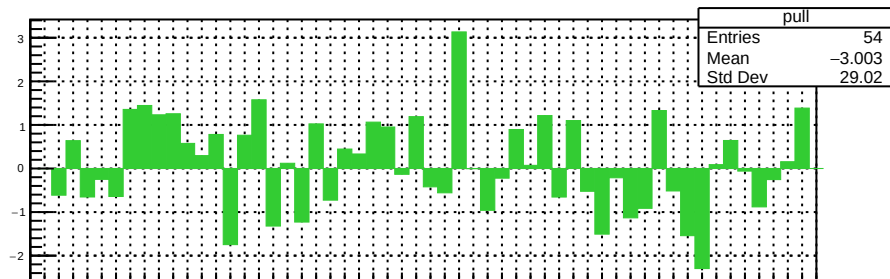
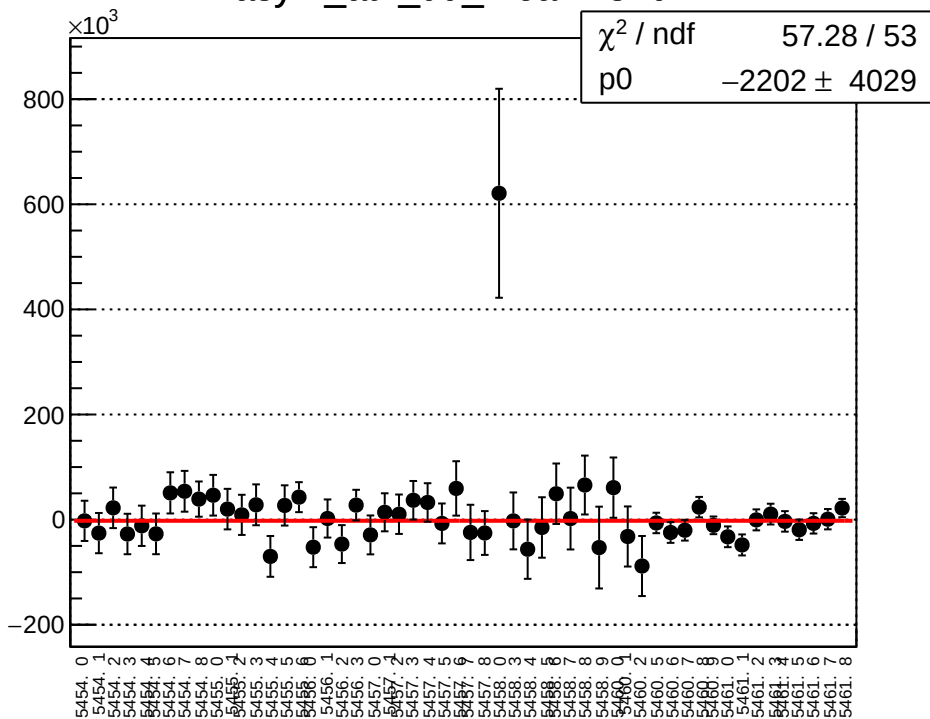
asym\_at2\_dd\_correction\_mean vs run



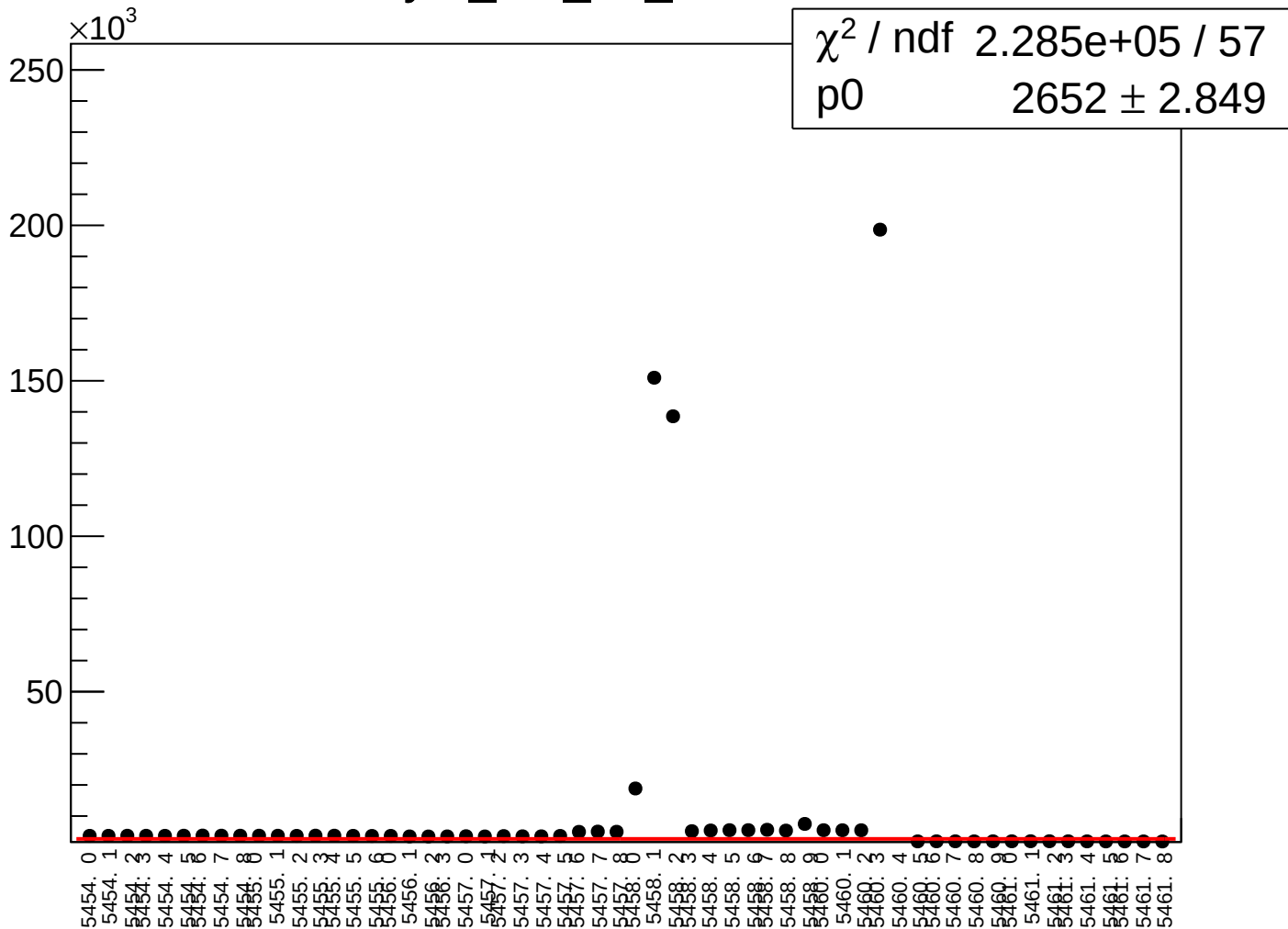
# asym\_at2\_dd\_correction\_rms vs run



asym\_at2\_dd\_mean vs run

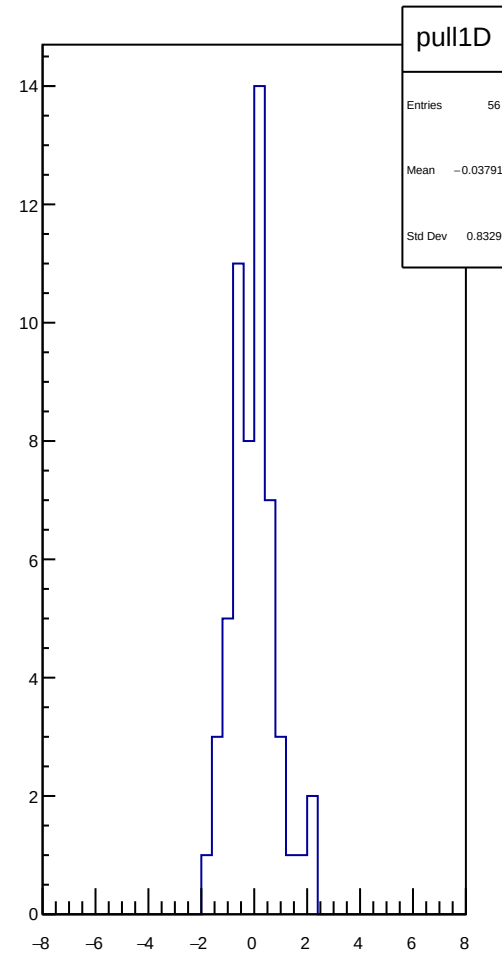
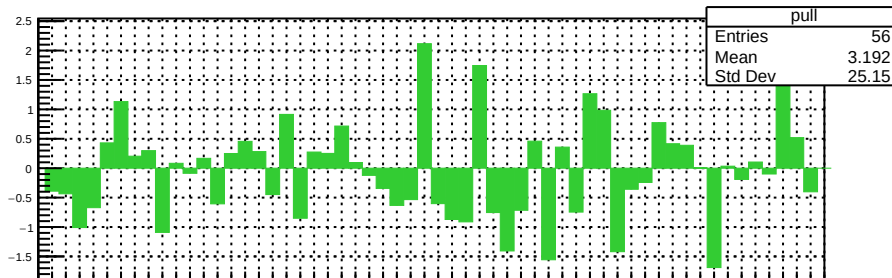
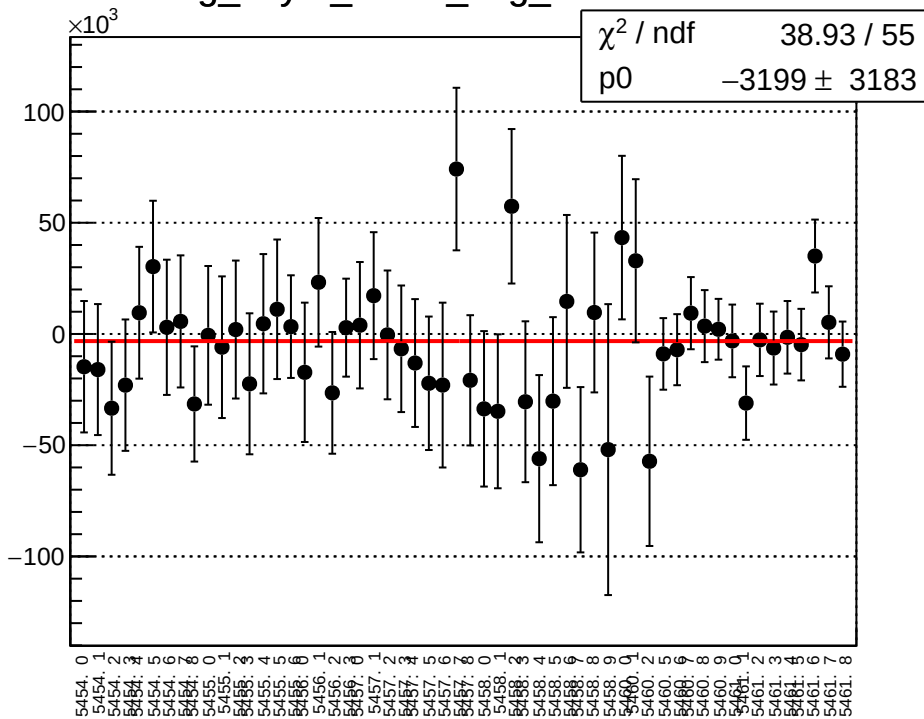


# asym\_at2\_dd\_rms vs run

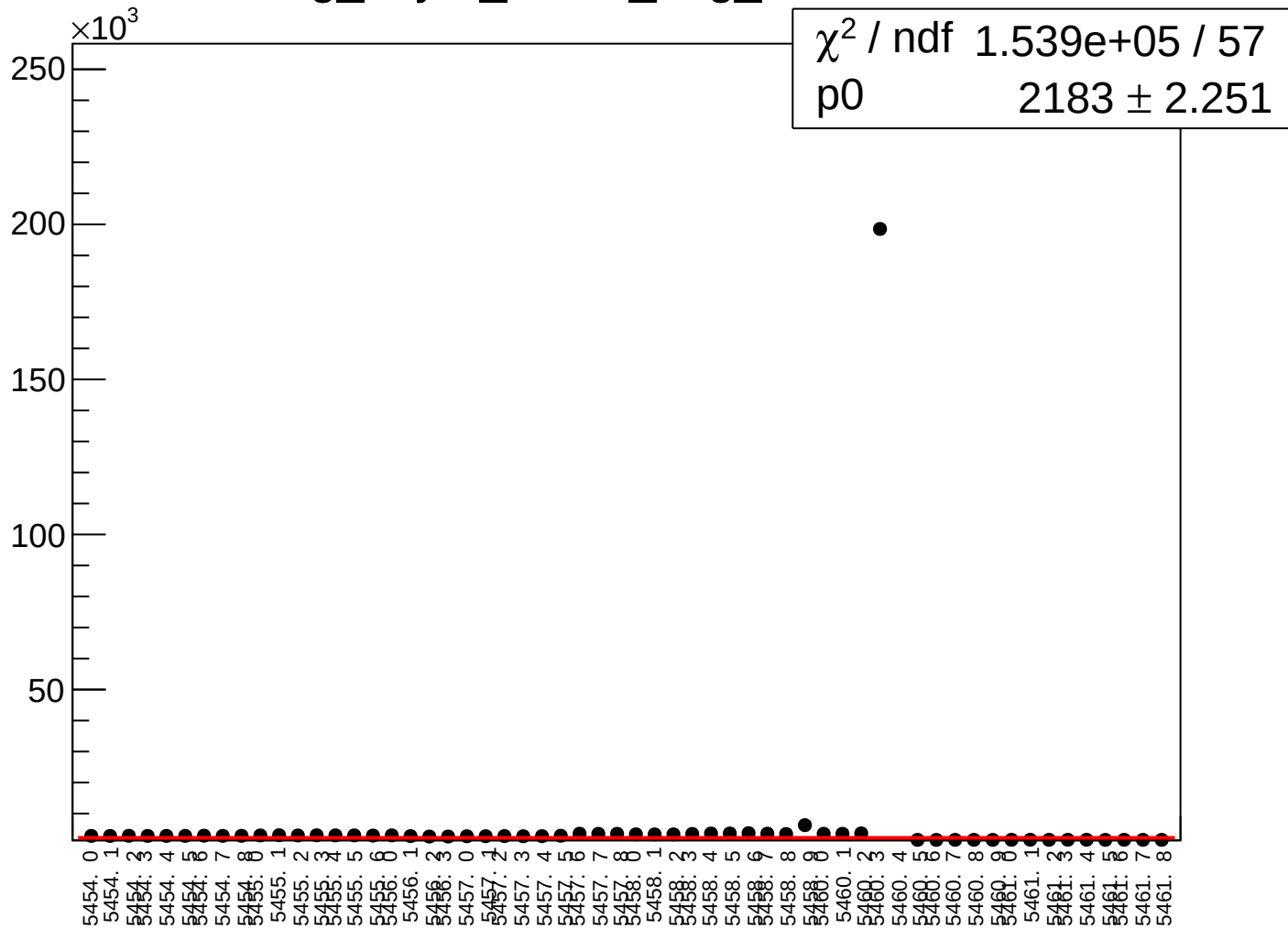




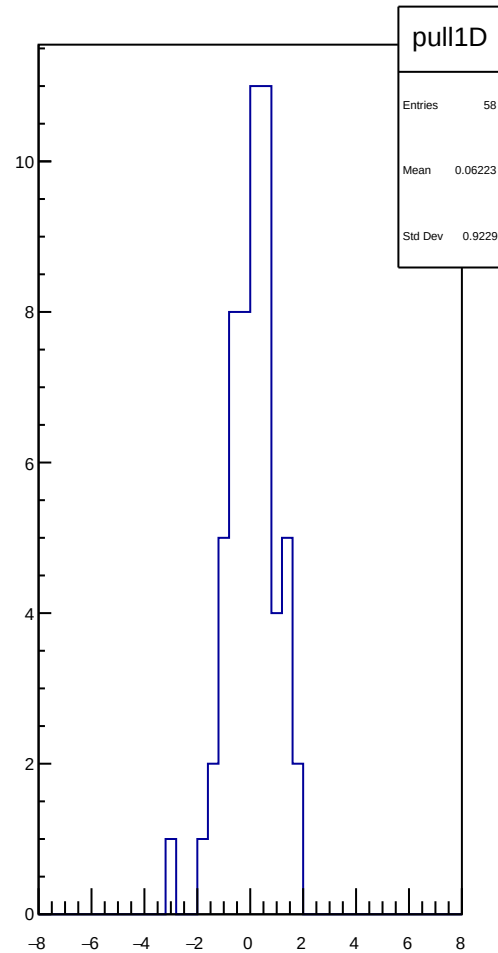
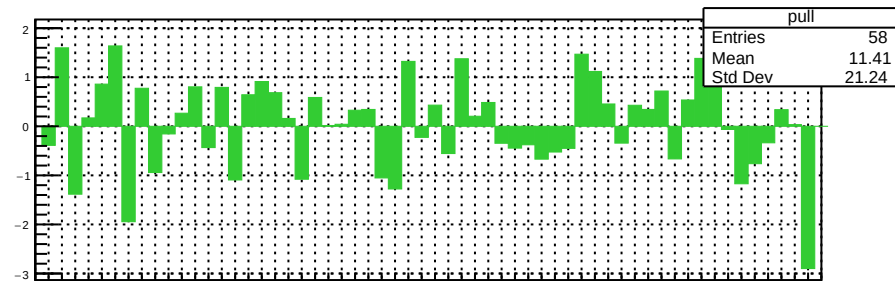
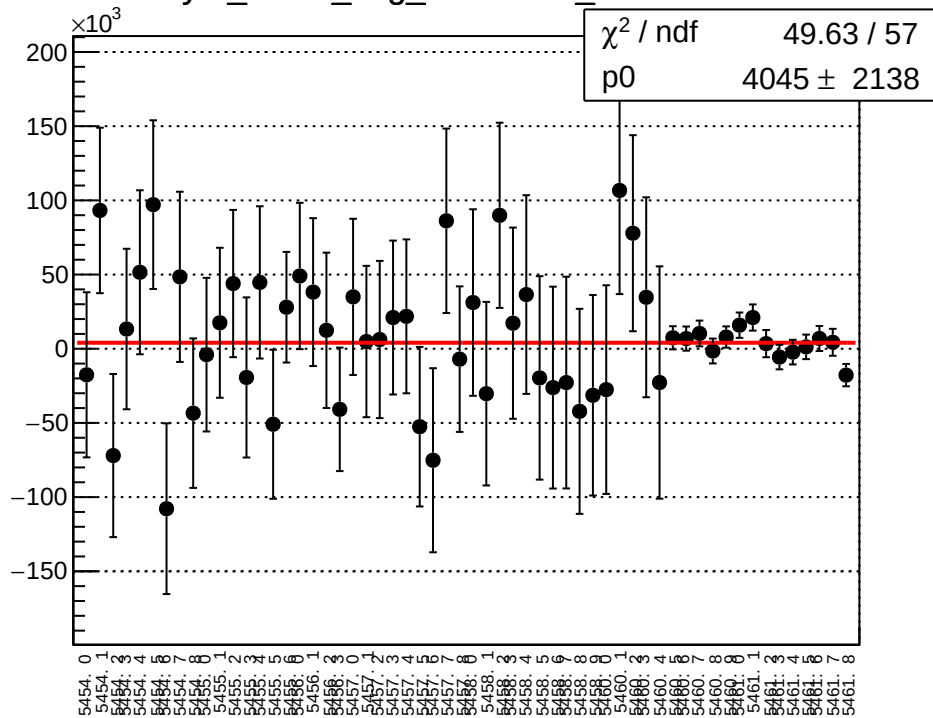
# reg\_asym\_atl1r2\_avg\_mean vs run



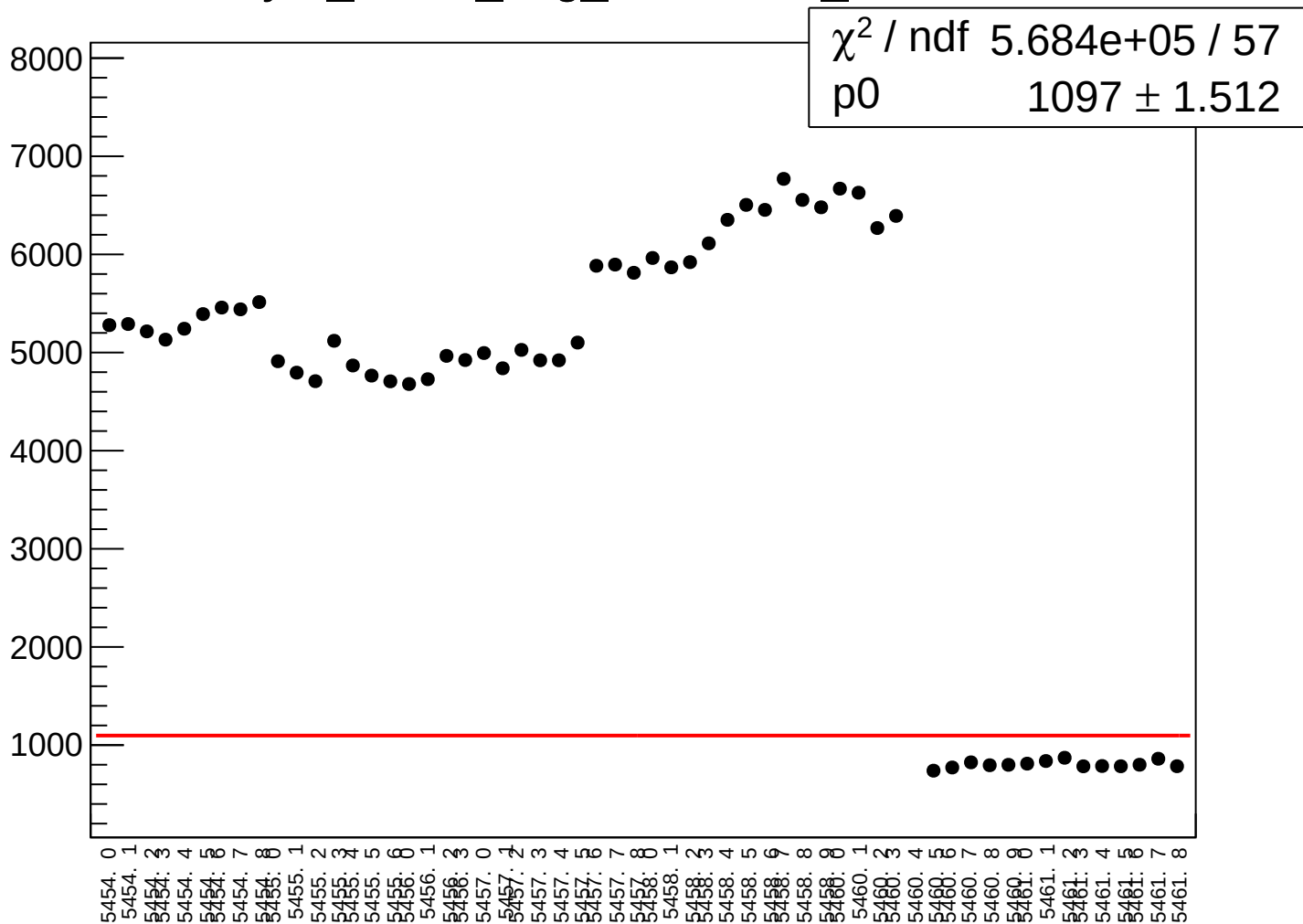
reg\_asym\_atl1r2\_avg\_rms vs run



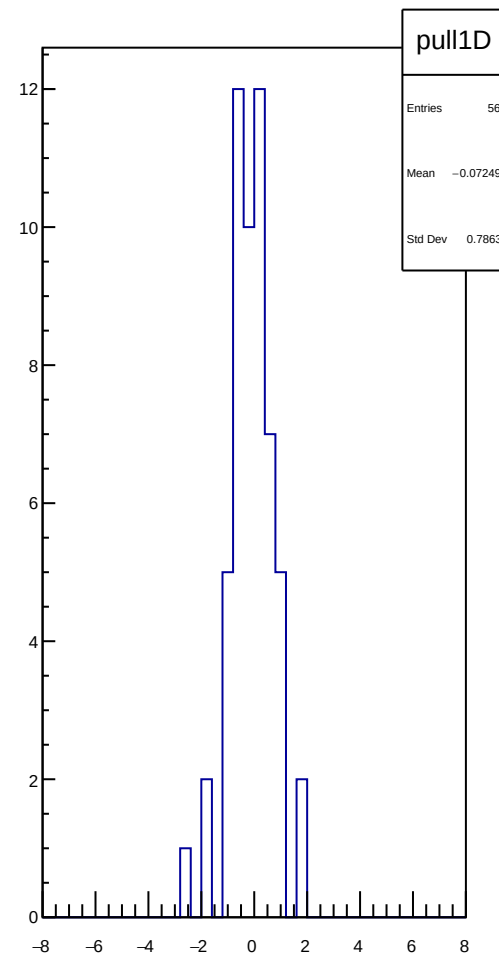
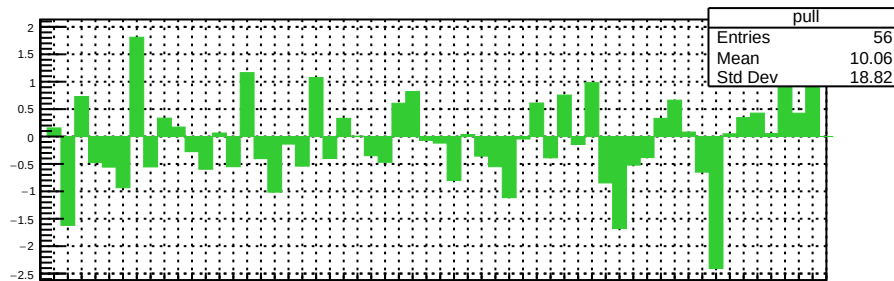
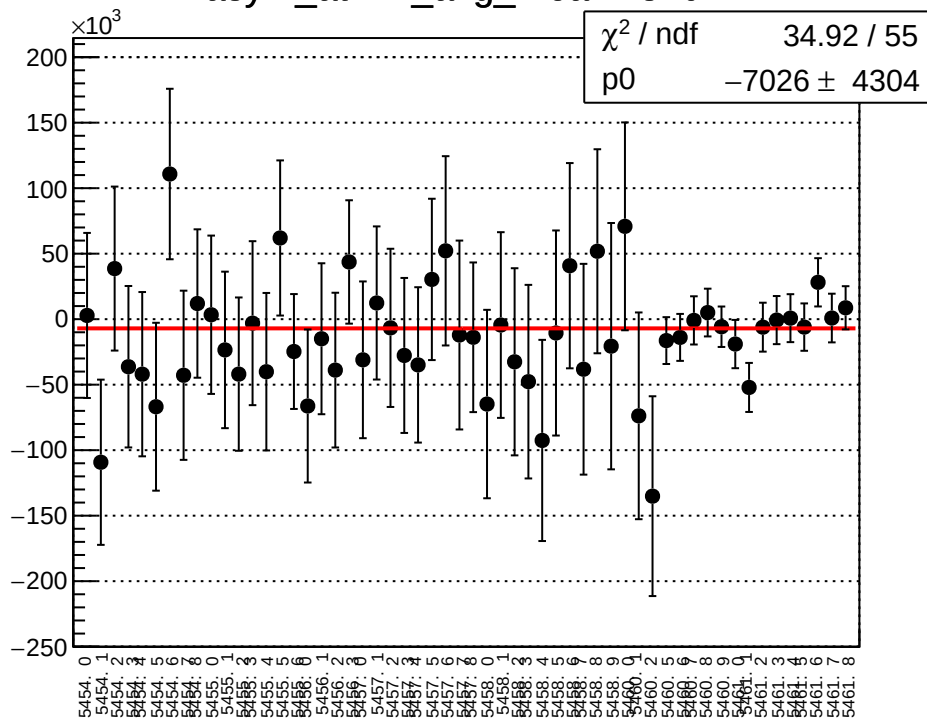
asym\_atl1r2\_avg\_correction\_mean vs run



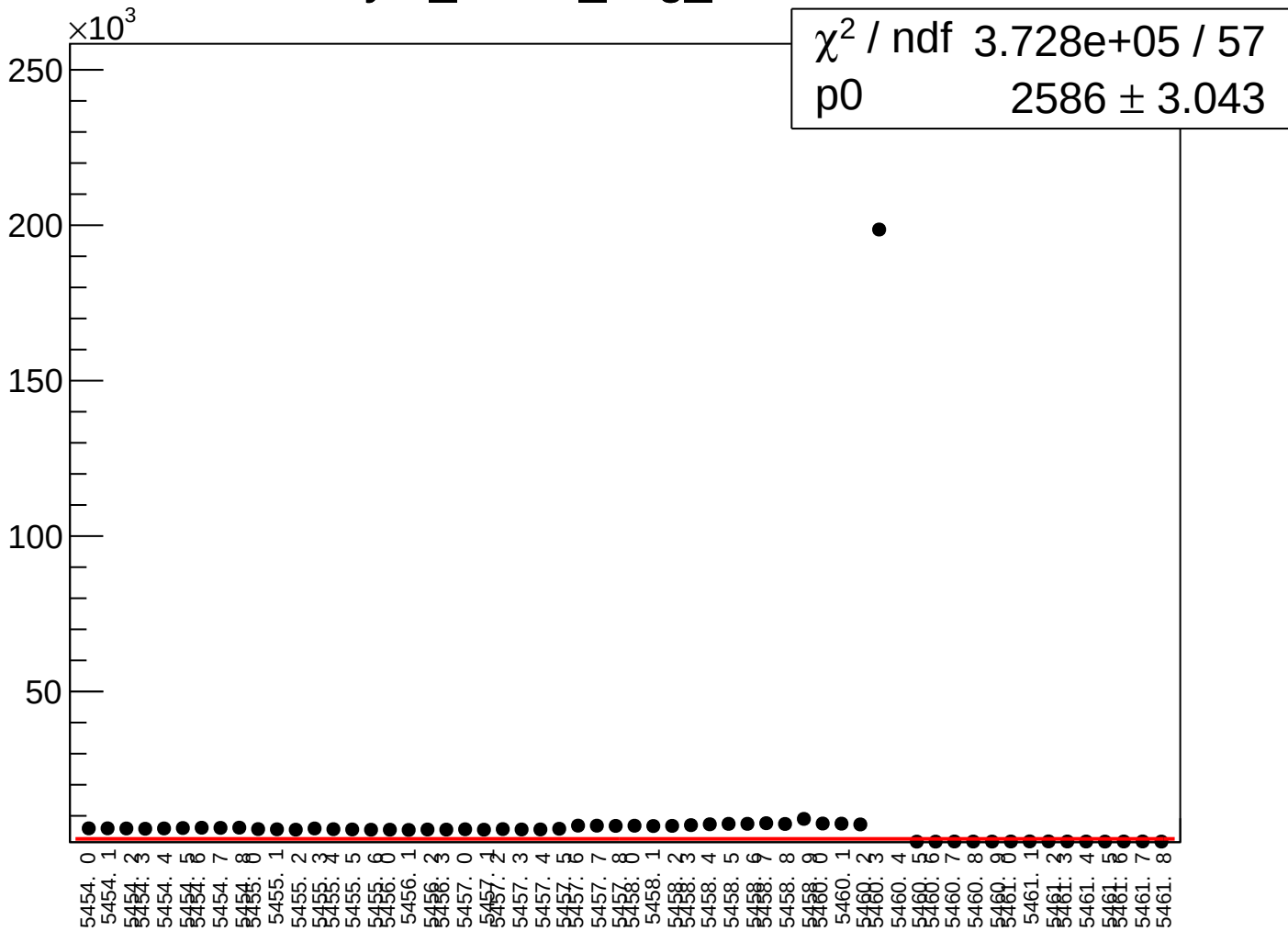
# asym\_atl1r2\_avg\_correction\_rms vs run



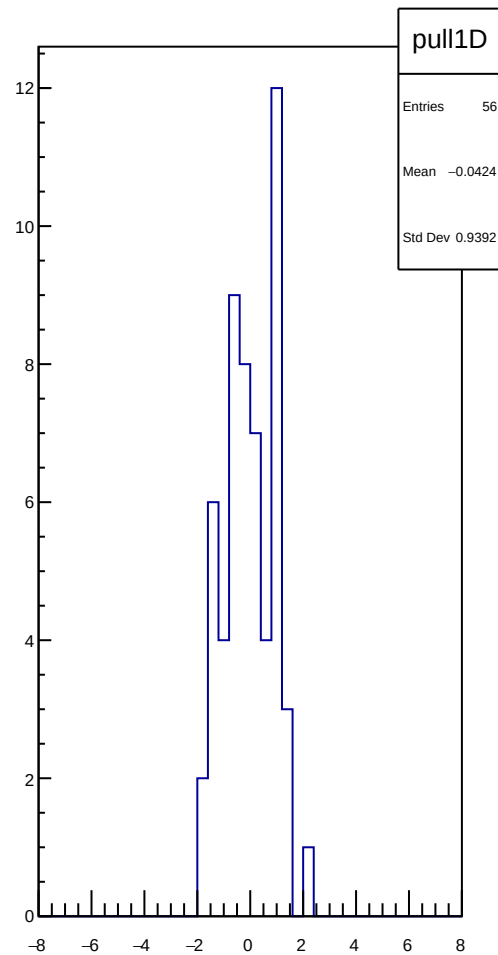
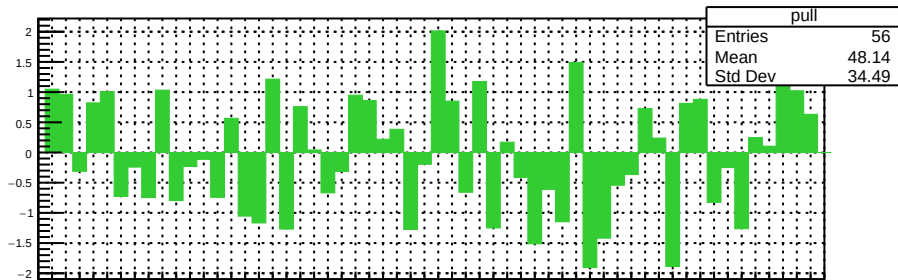
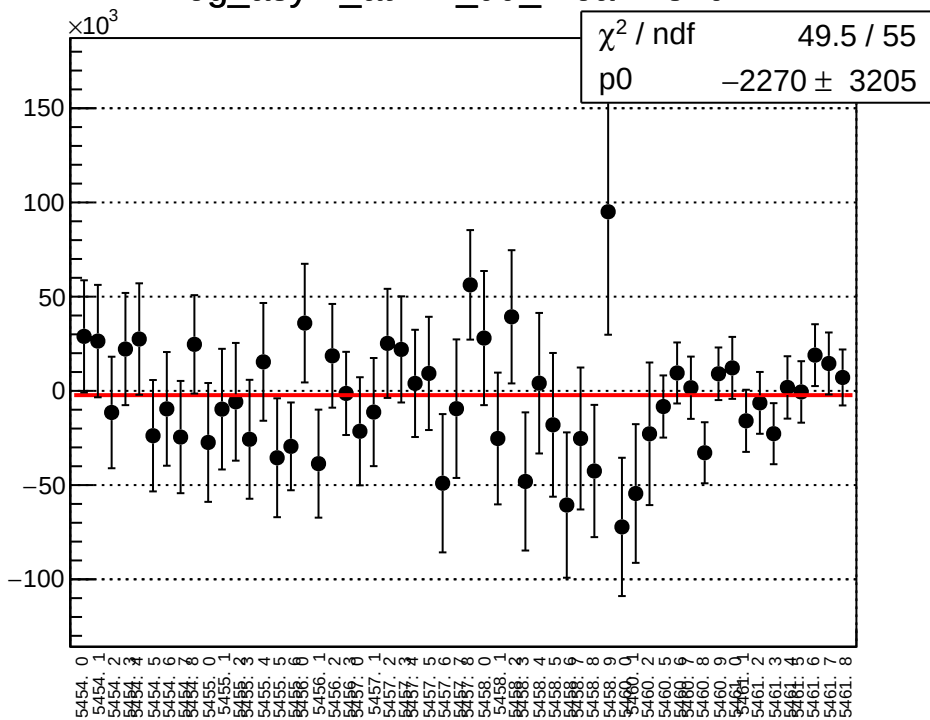
asym\_atl1r2\_avg\_mean vs run



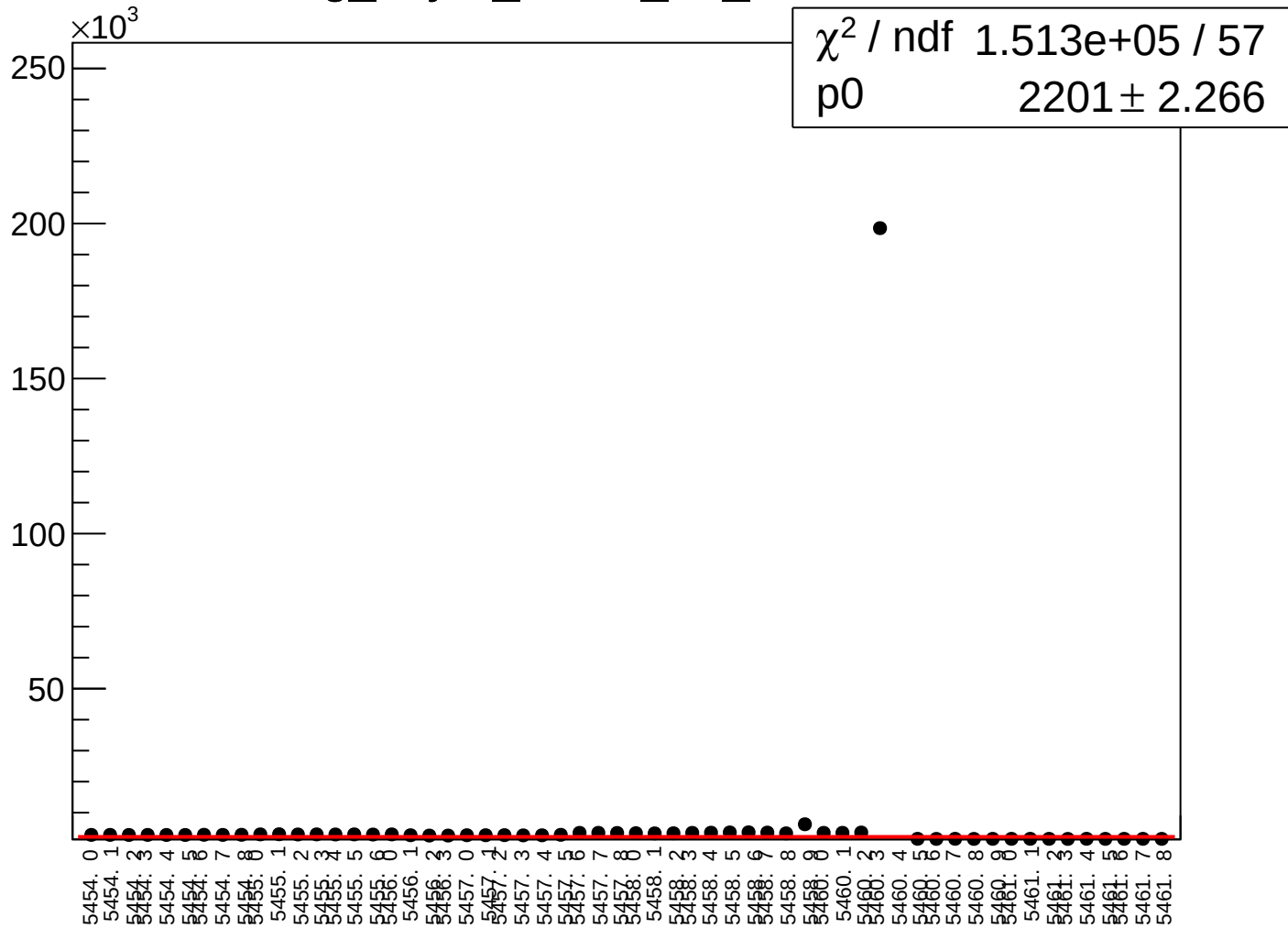
asym\_atl1r2\_avg\_rms vs run



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

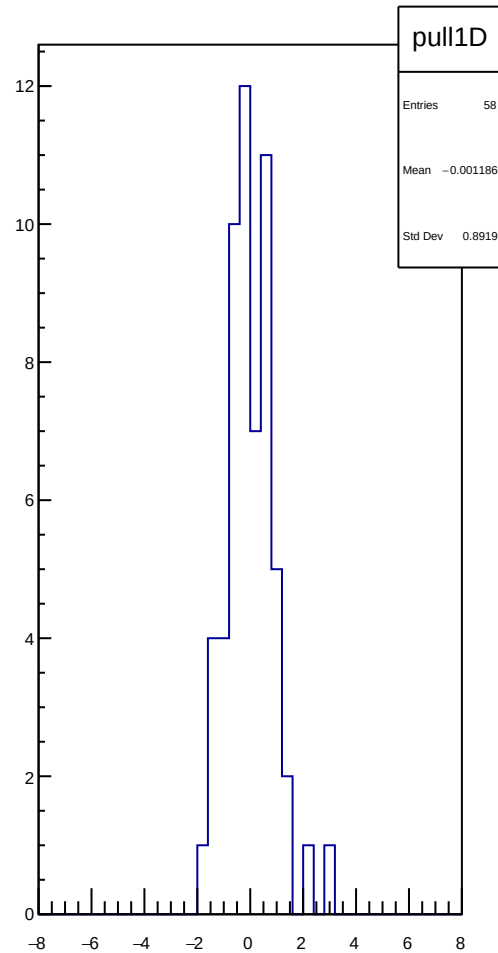
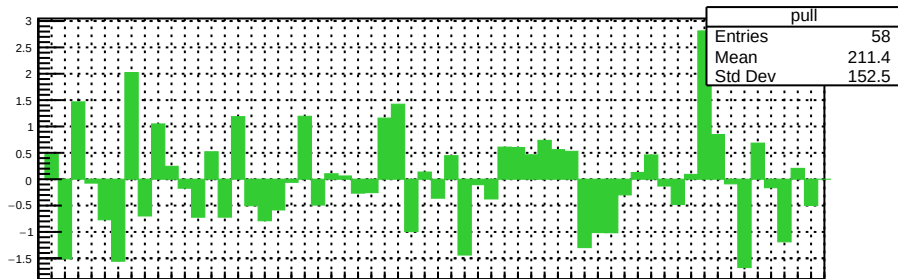
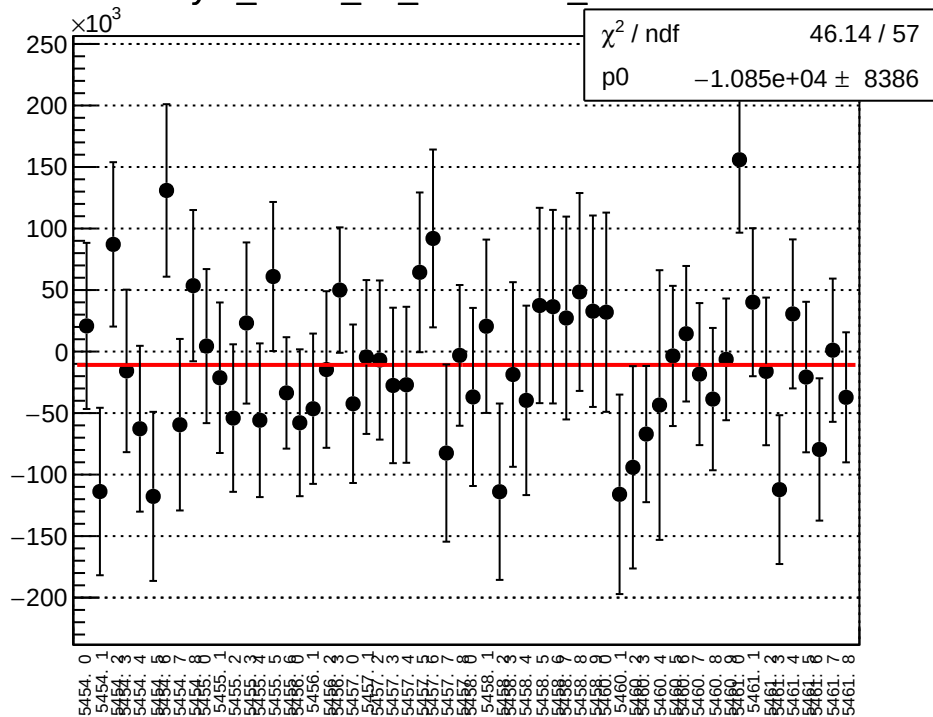


# reg\_asym\_atl1r2\_dd\_rms vs run

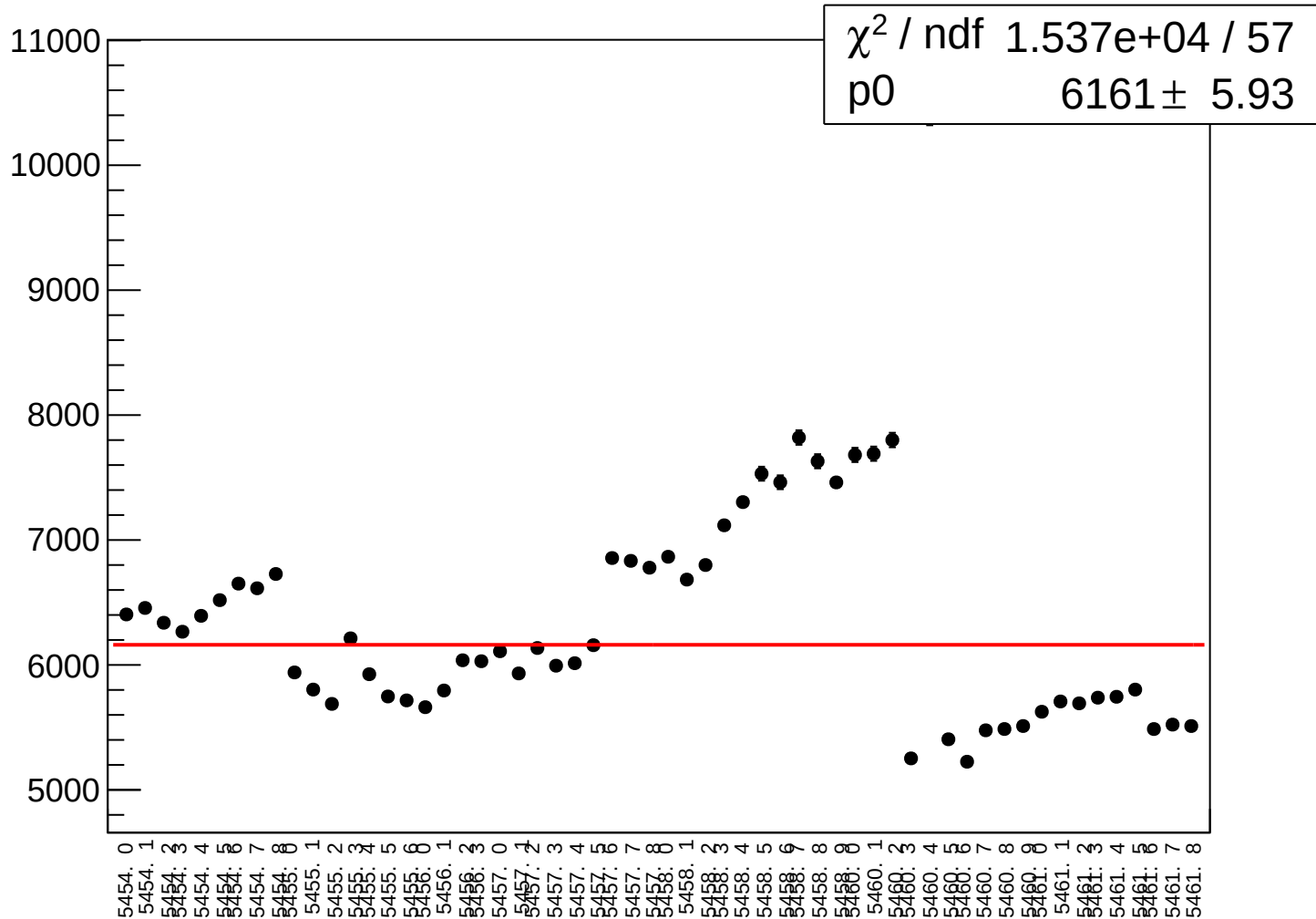




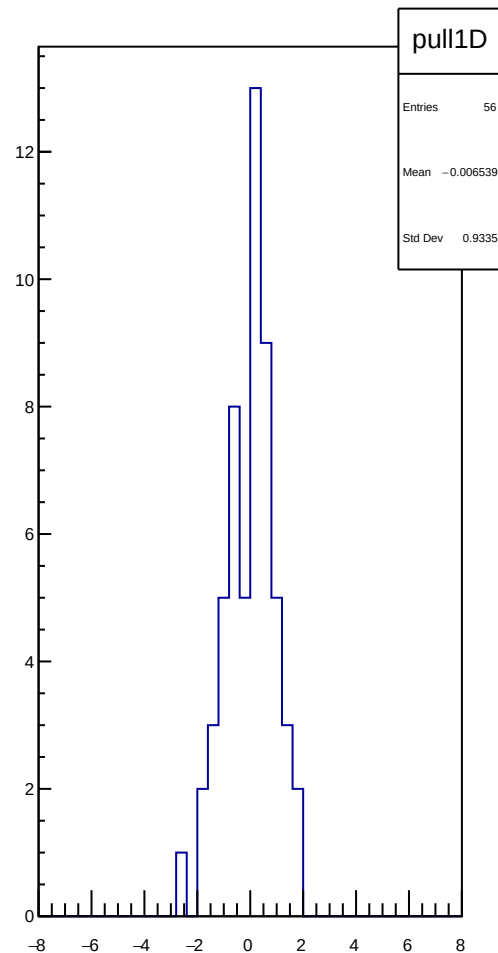
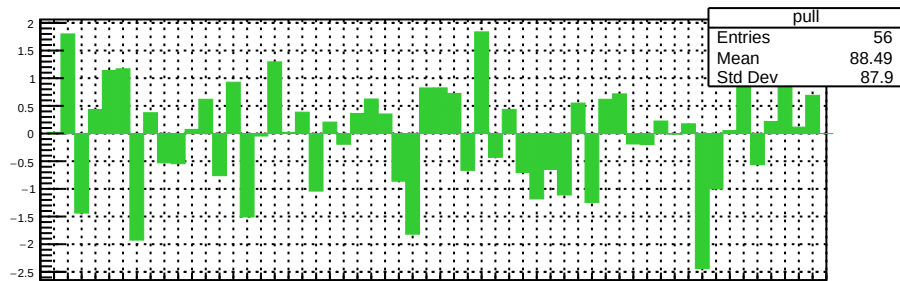
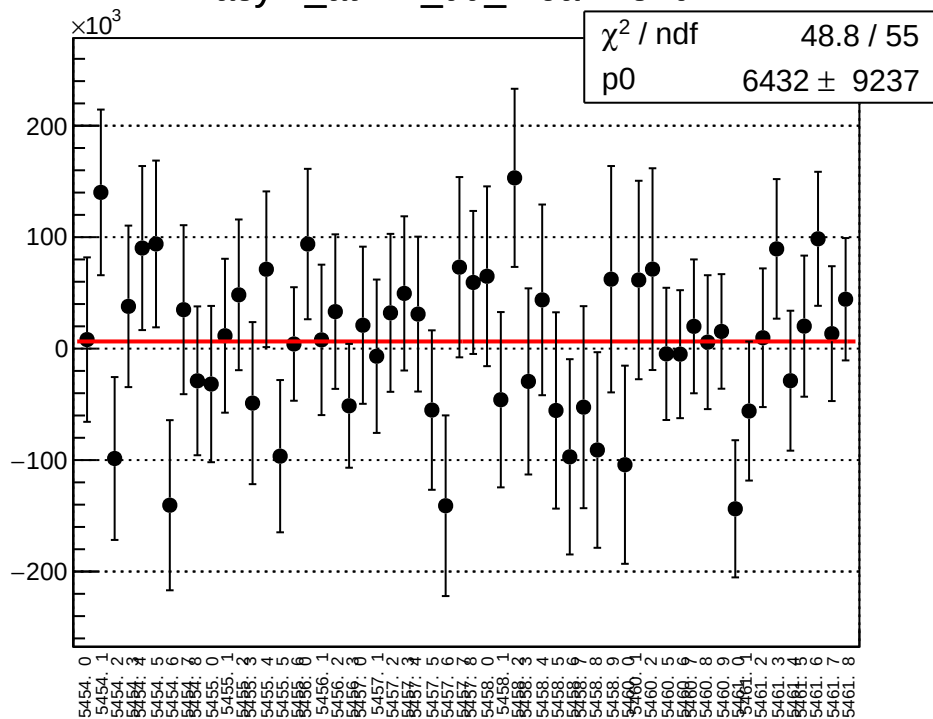
asym\_atl1r2\_dd\_correction\_mean vs run



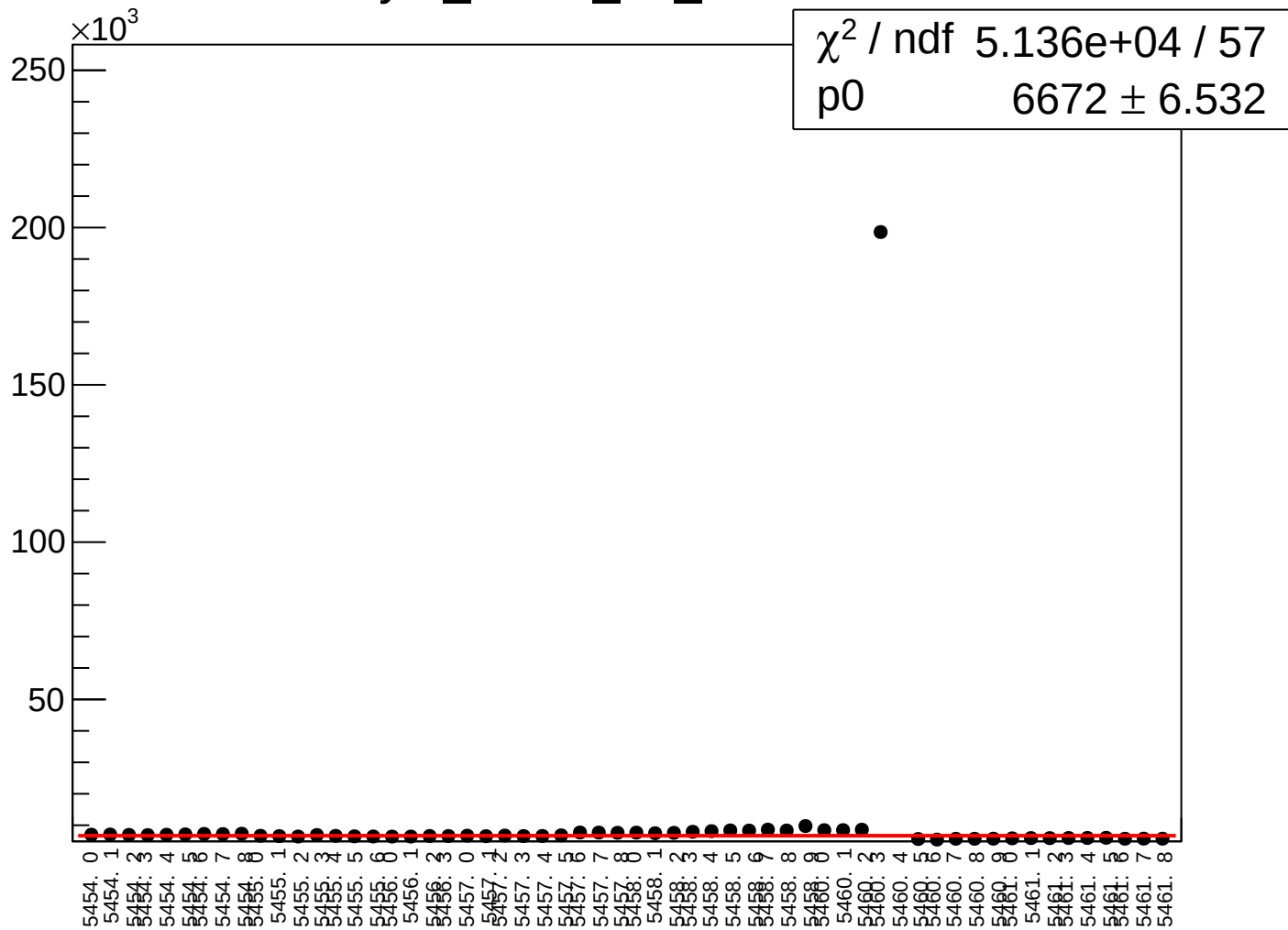
# asym\_atl1r2\_dd\_correction\_rms vs run



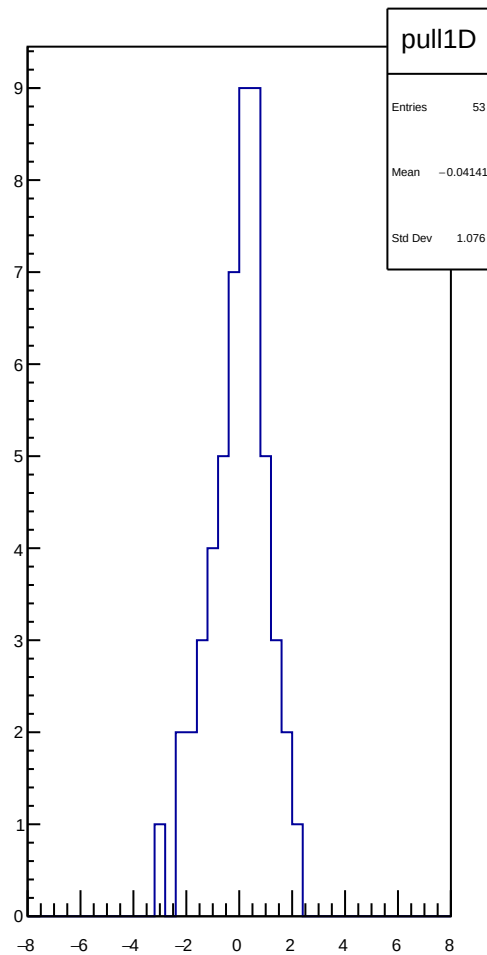
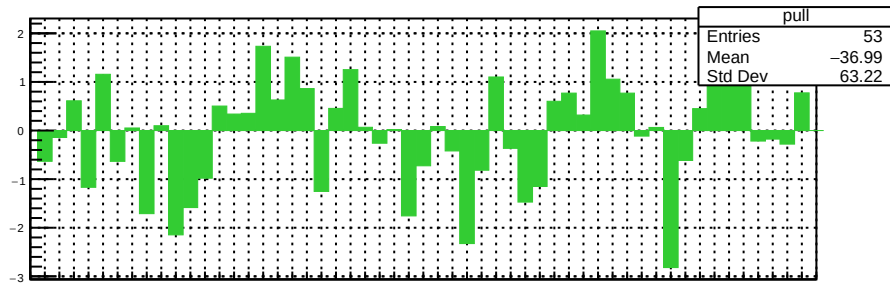
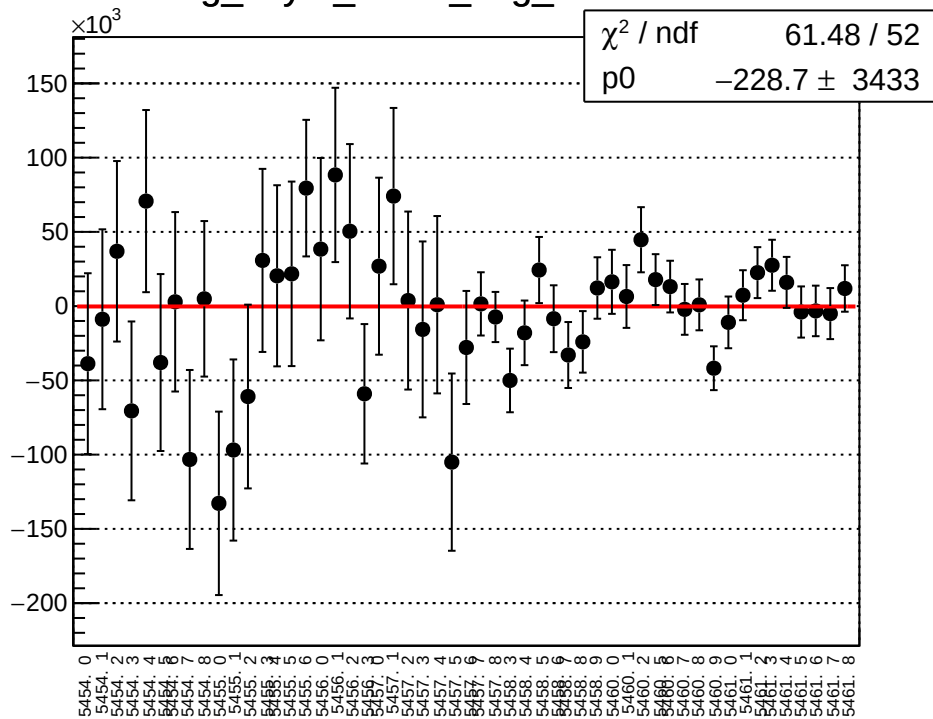
# asym\_atl1r2\_dd\_mean vs run



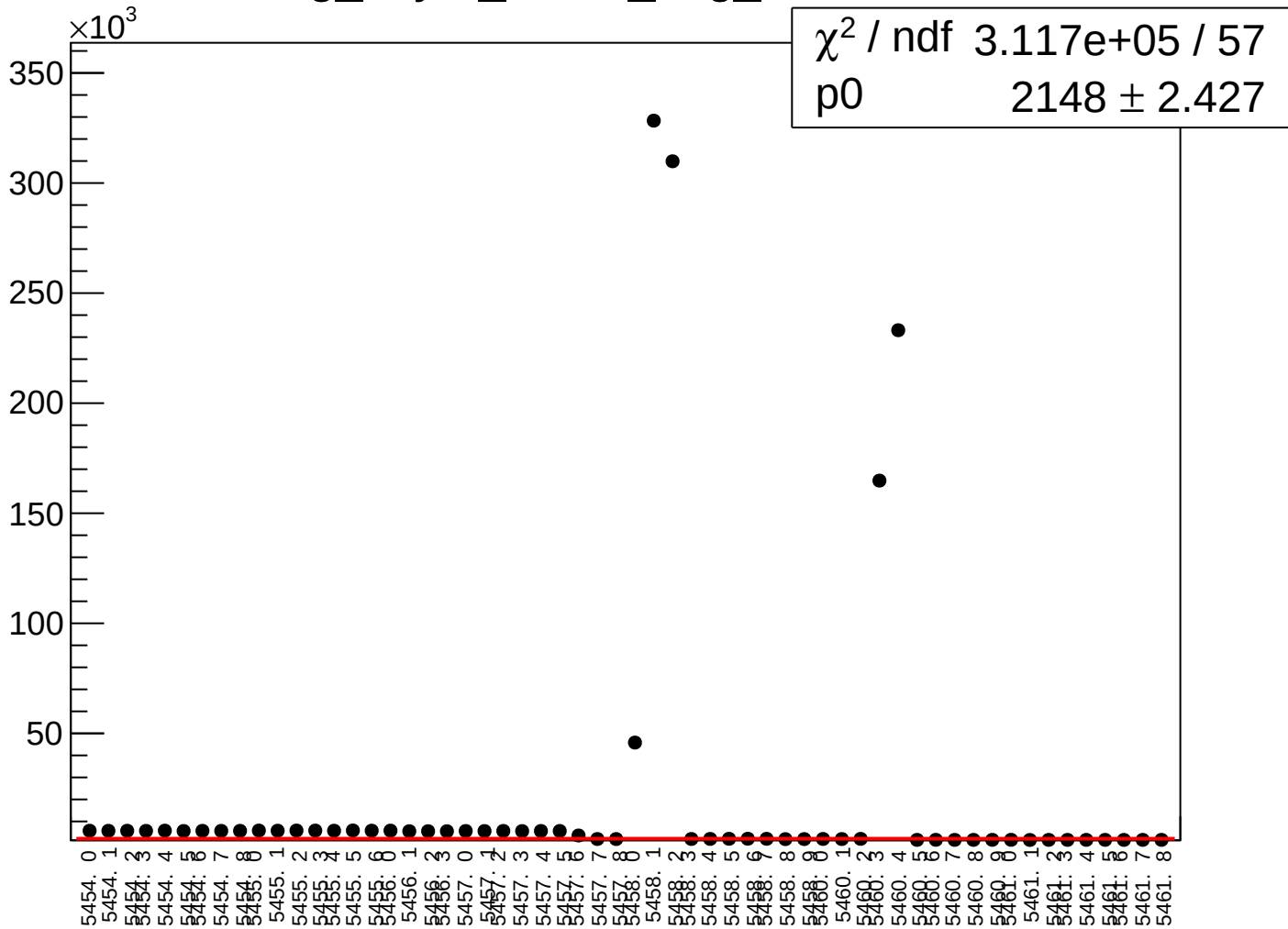
# asym\_atl1r2\_dd\_rms vs run



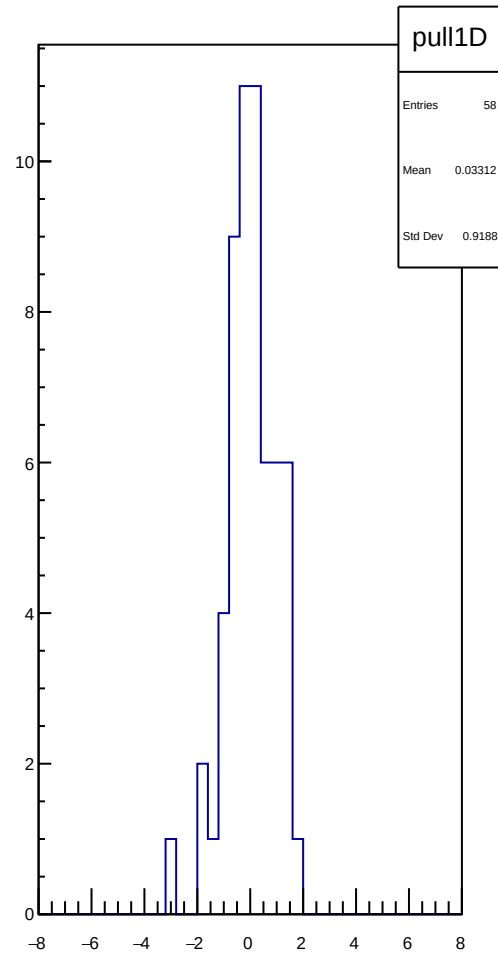
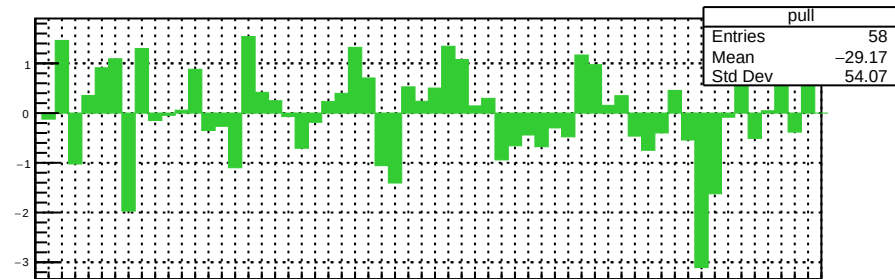
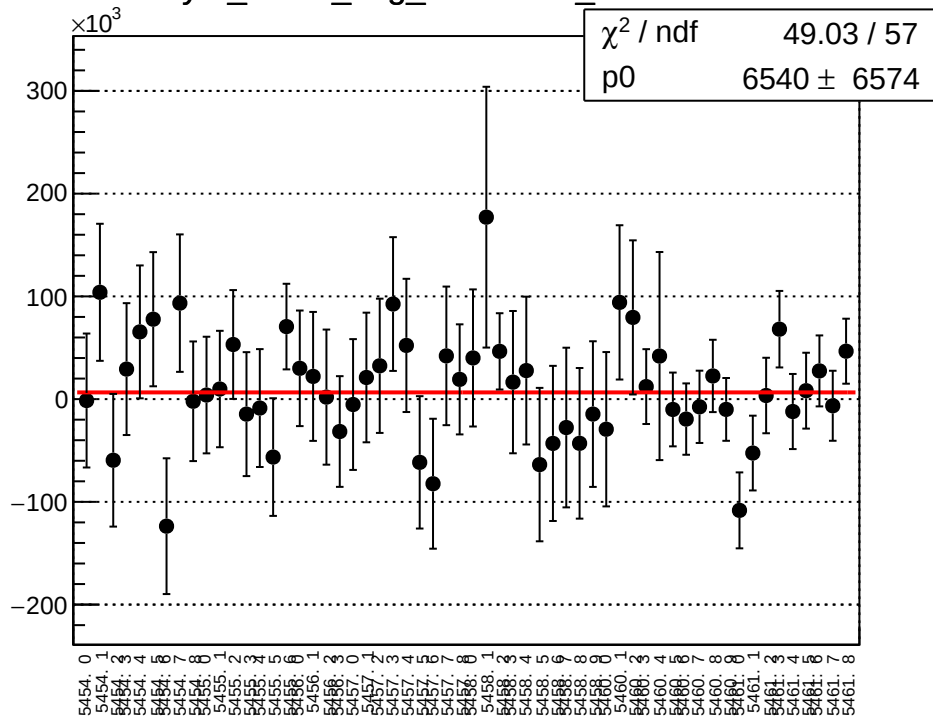
# reg\_asym\_atr1l2\_avg\_mean vs run



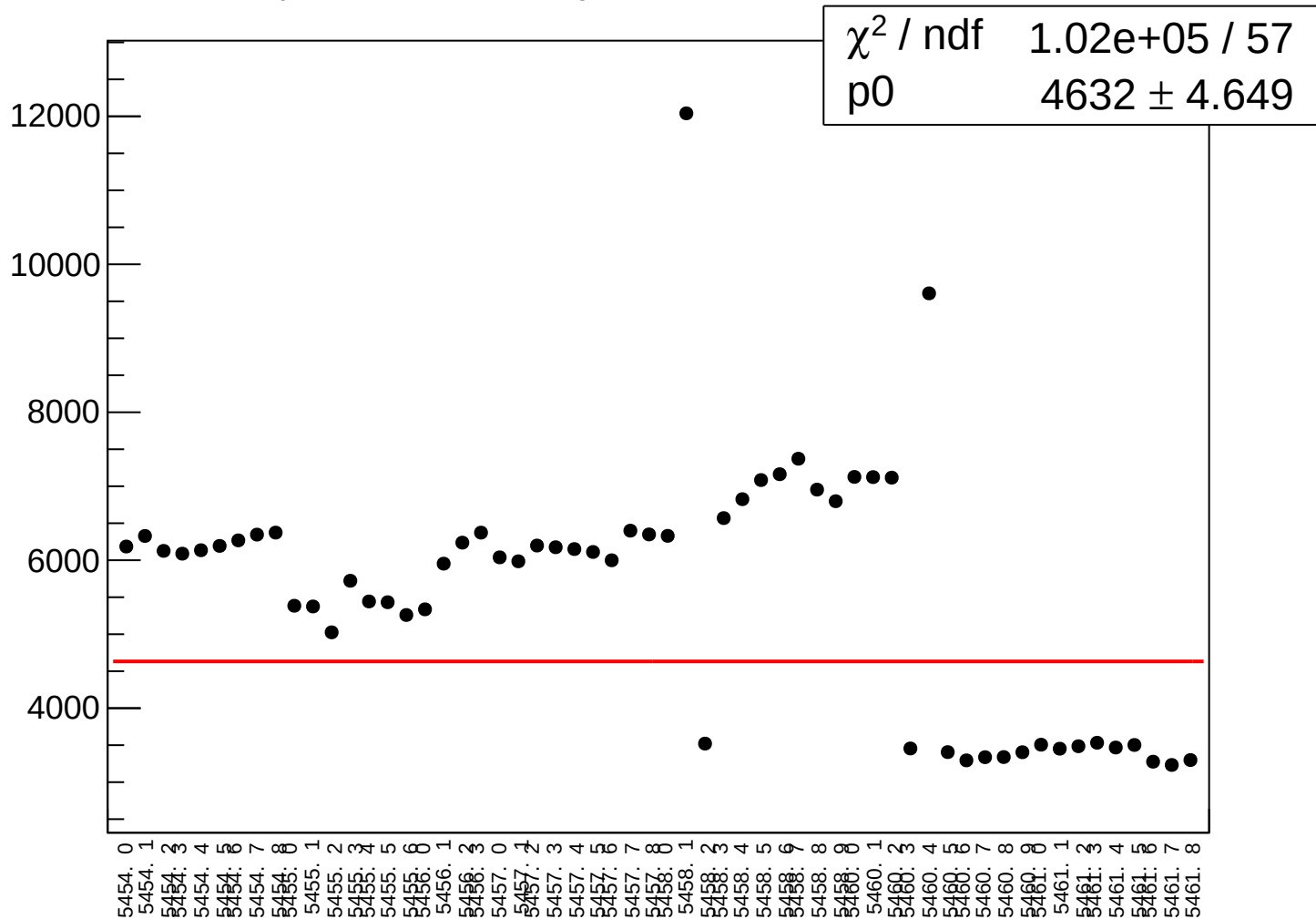
# reg\_asym\_atr1l2\_avg\_rms vs run



asym\_atr1l2\_avg\_correction\_mean vs run

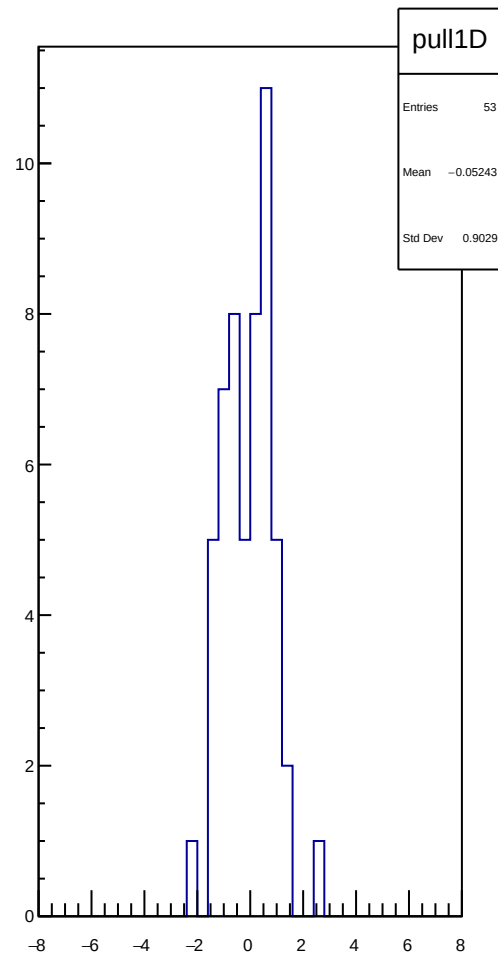
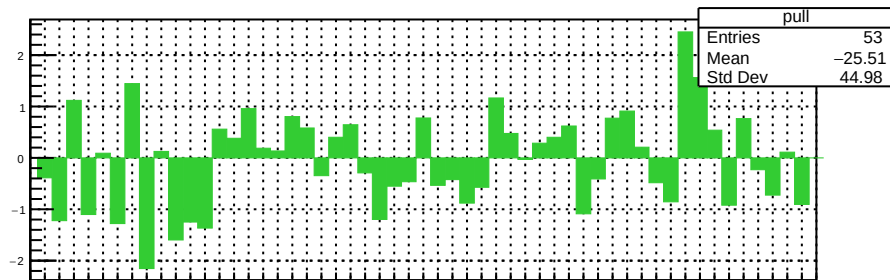
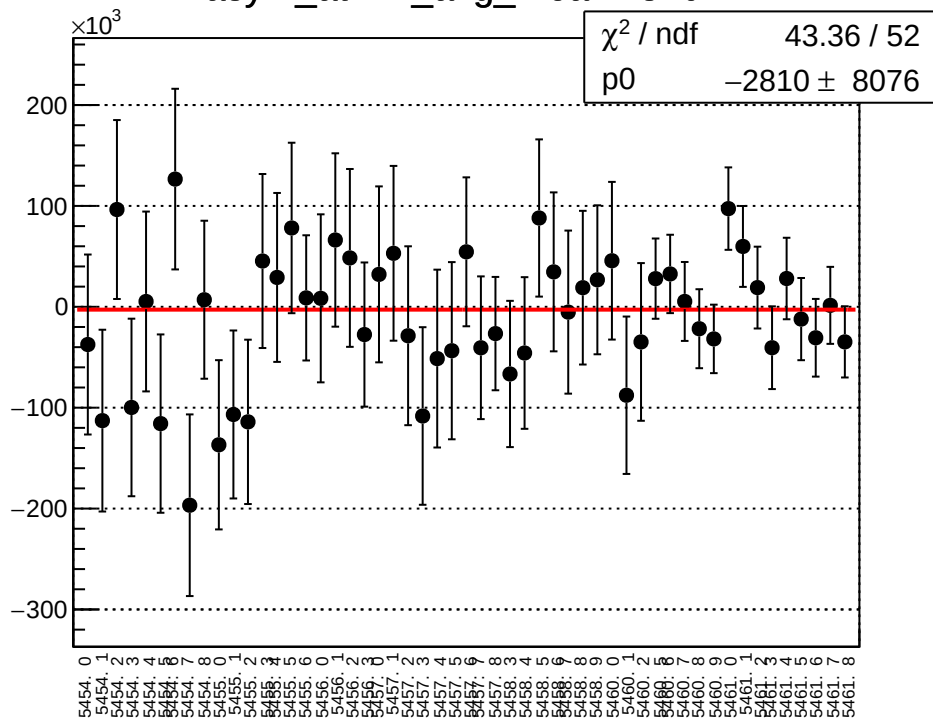


# asym\_atr1l2\_avg\_correction\_rms vs run

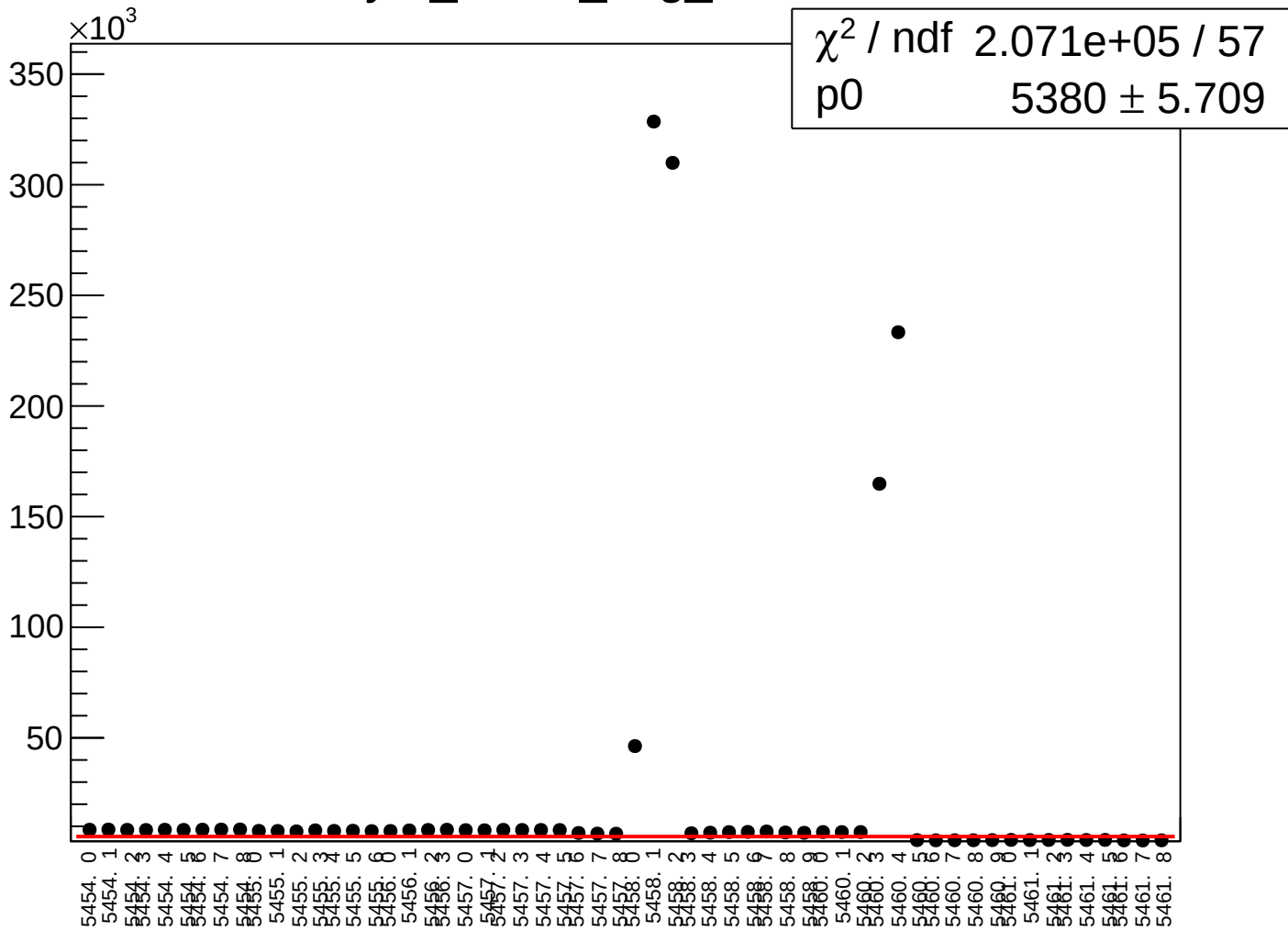




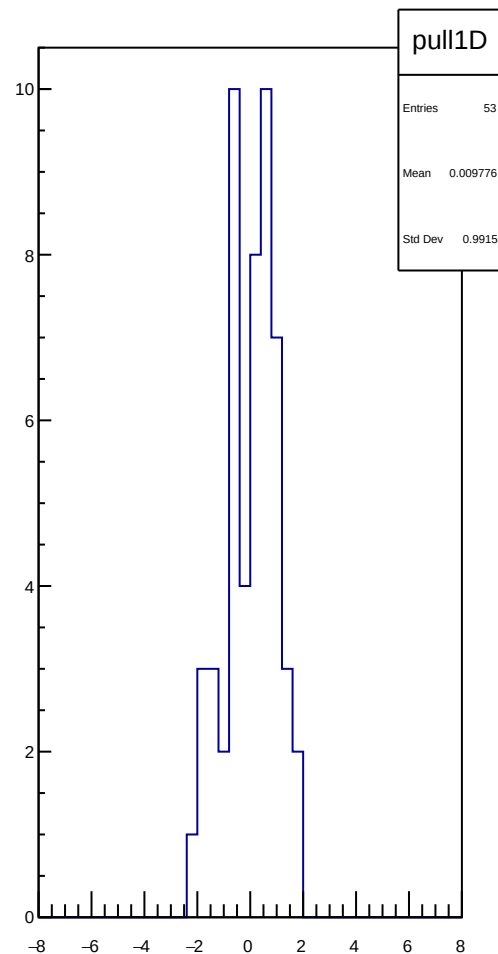
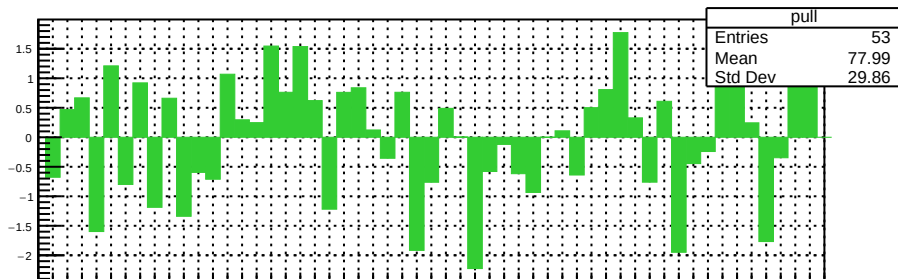
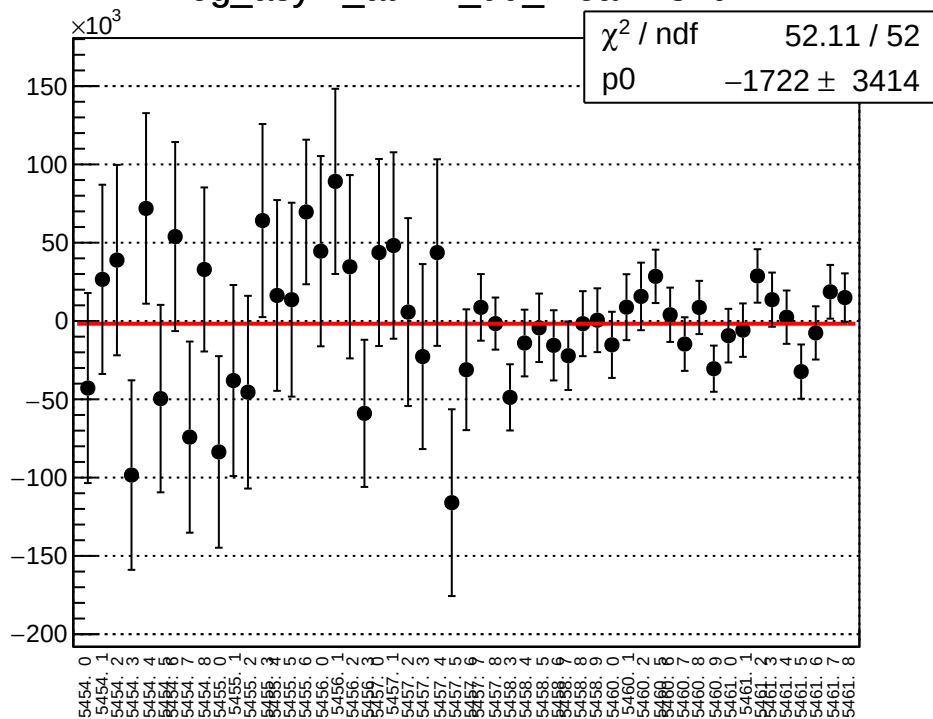
asym\_atr1l2\_avg\_mean vs run



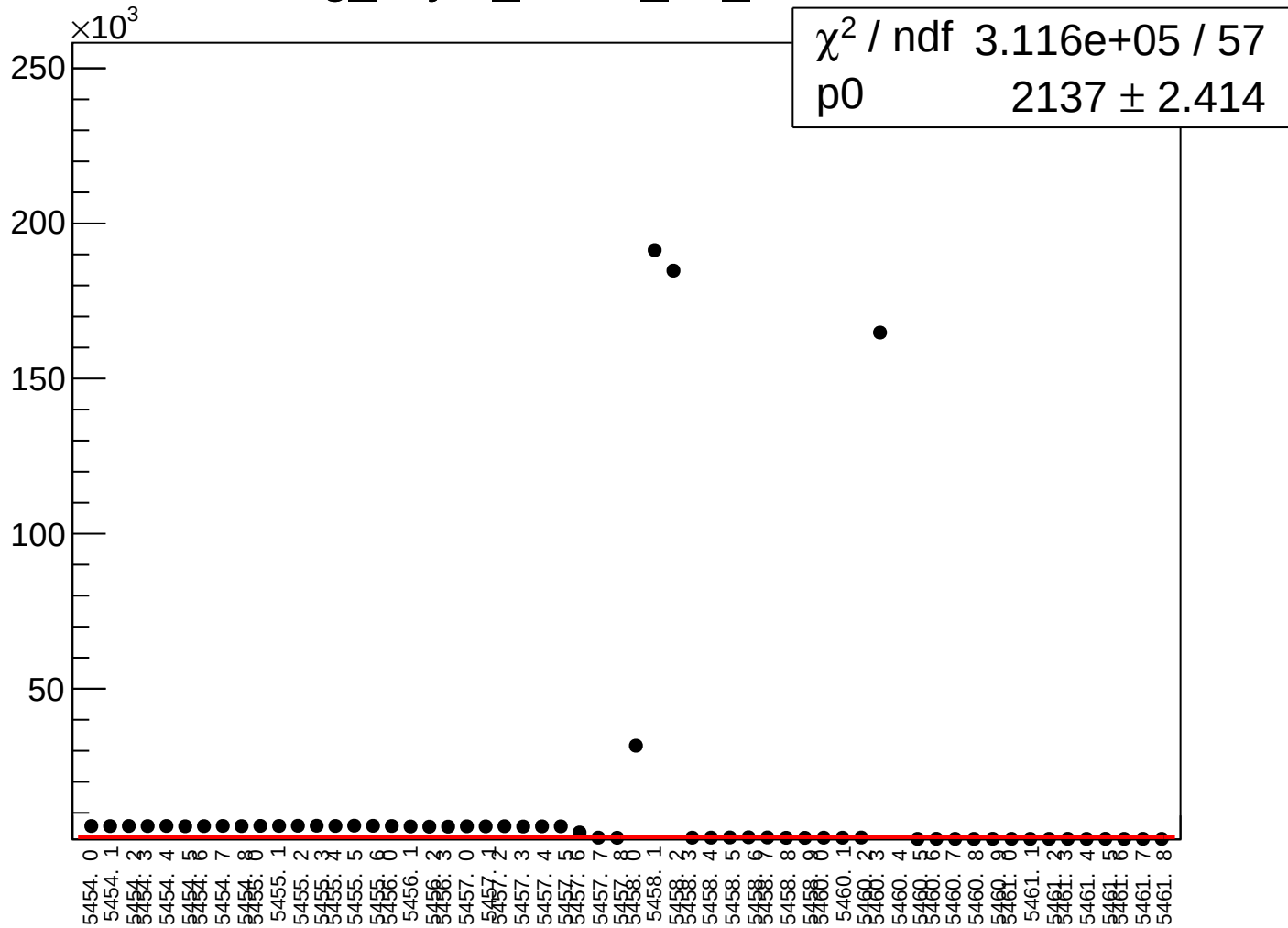
asym\_atr1l2\_avg\_rms vs run



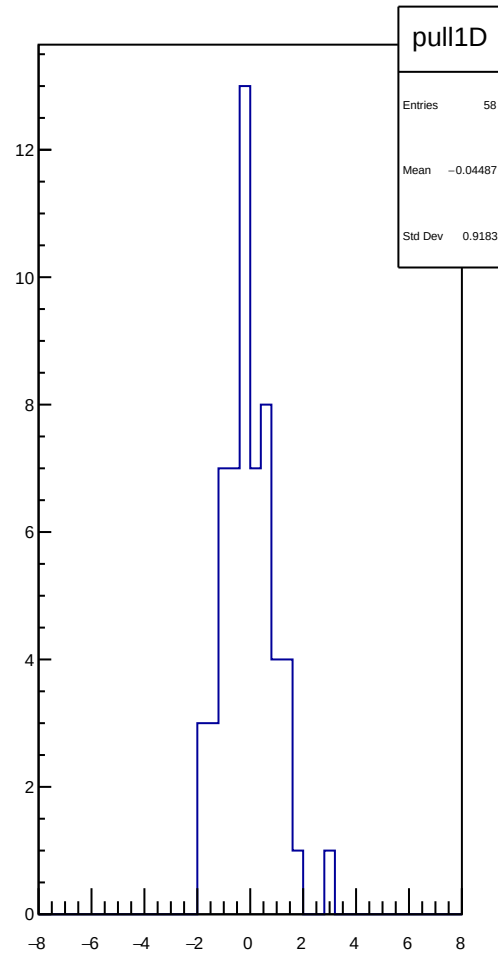
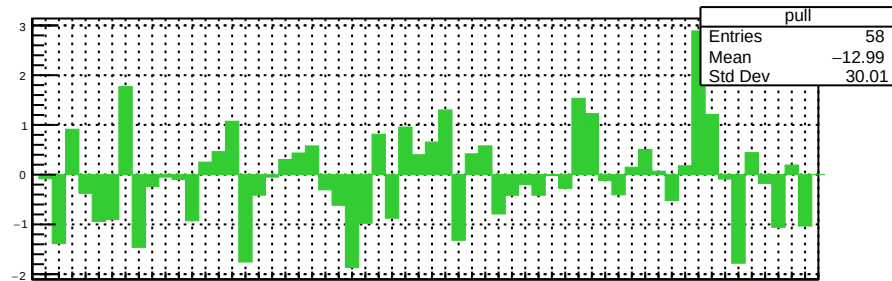
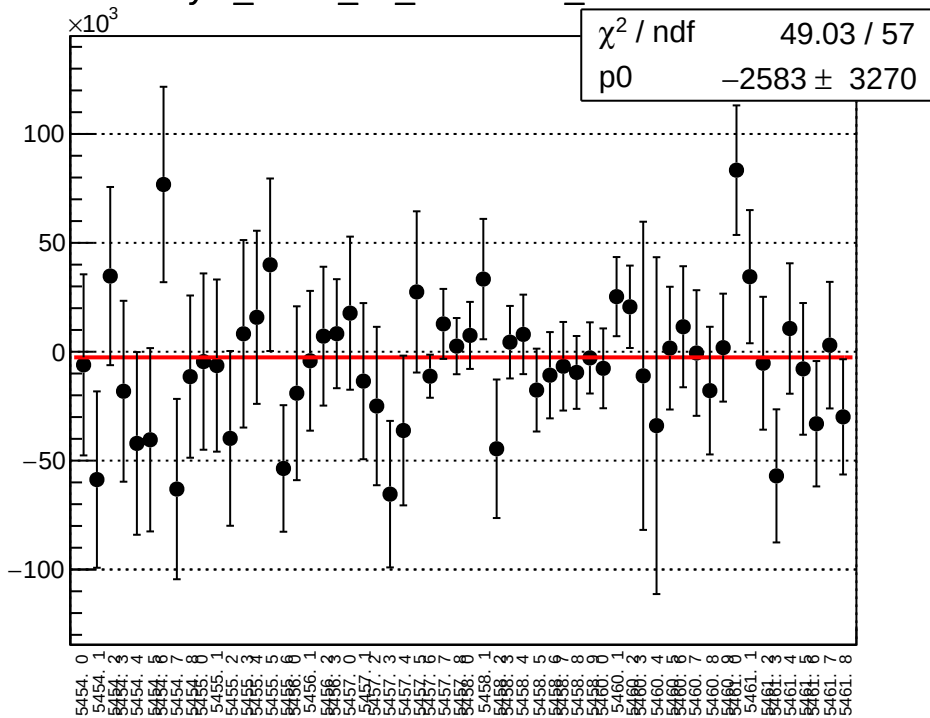
# reg\_asym\_atr1l2\_dd\_mean vs run



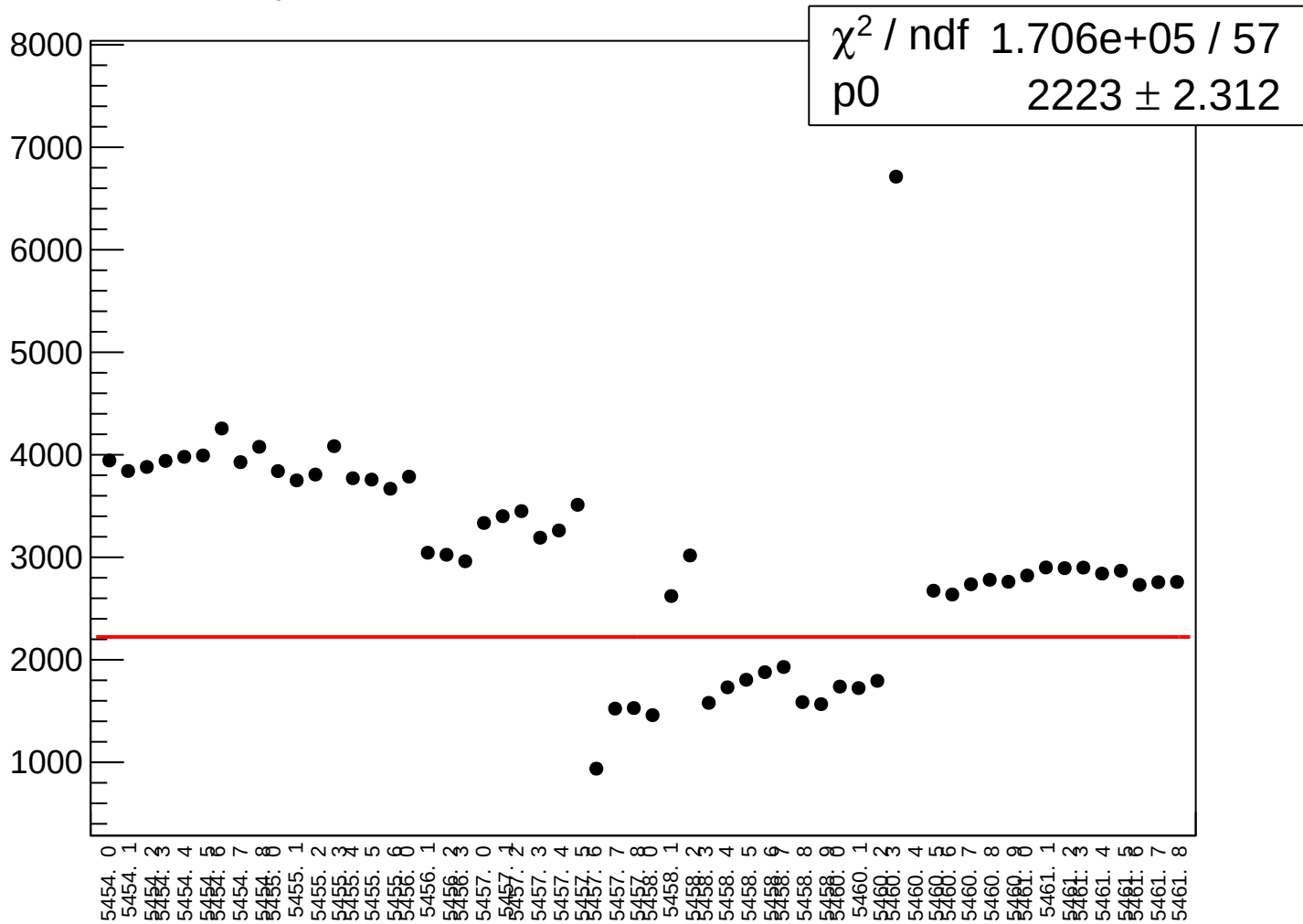
# reg\_asym\_atr1l2\_dd\_rms vs run



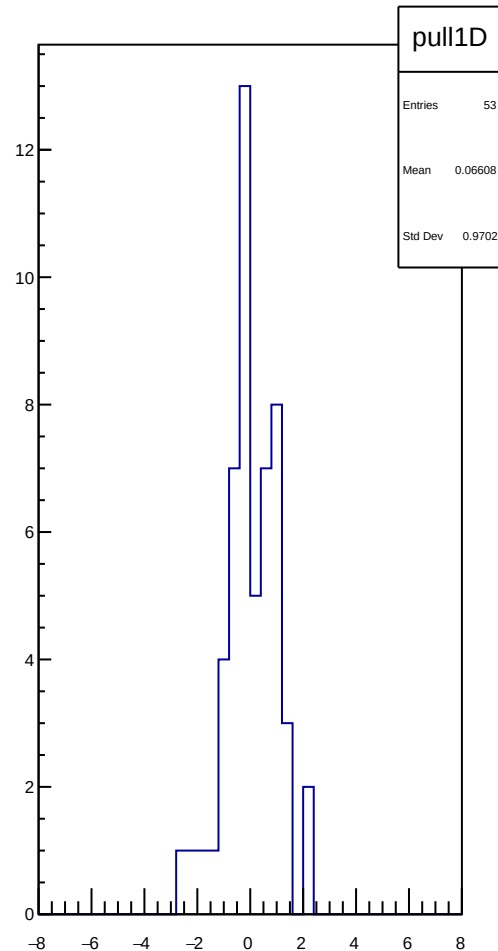
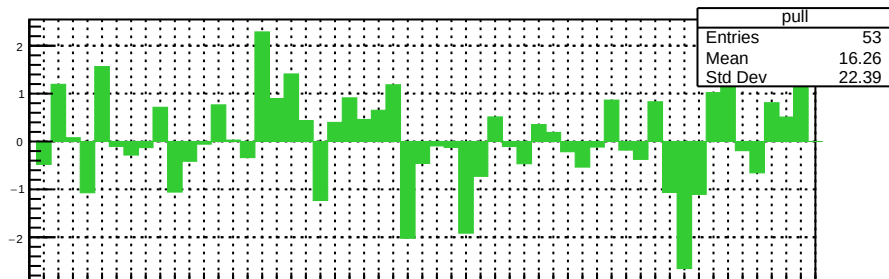
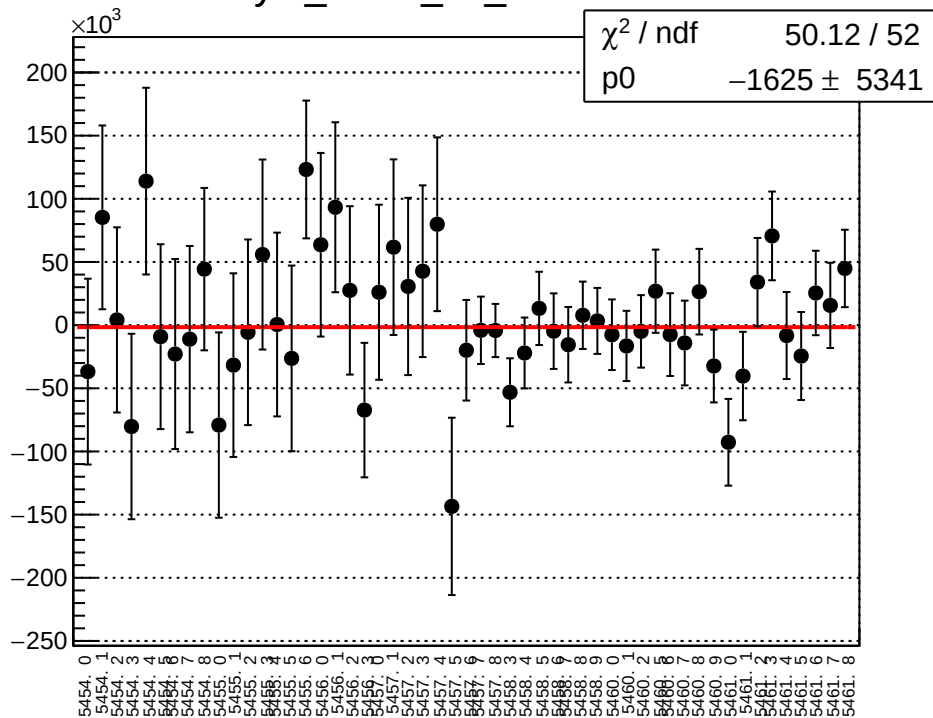
asym\_atr1l2\_dd\_correction\_mean vs run



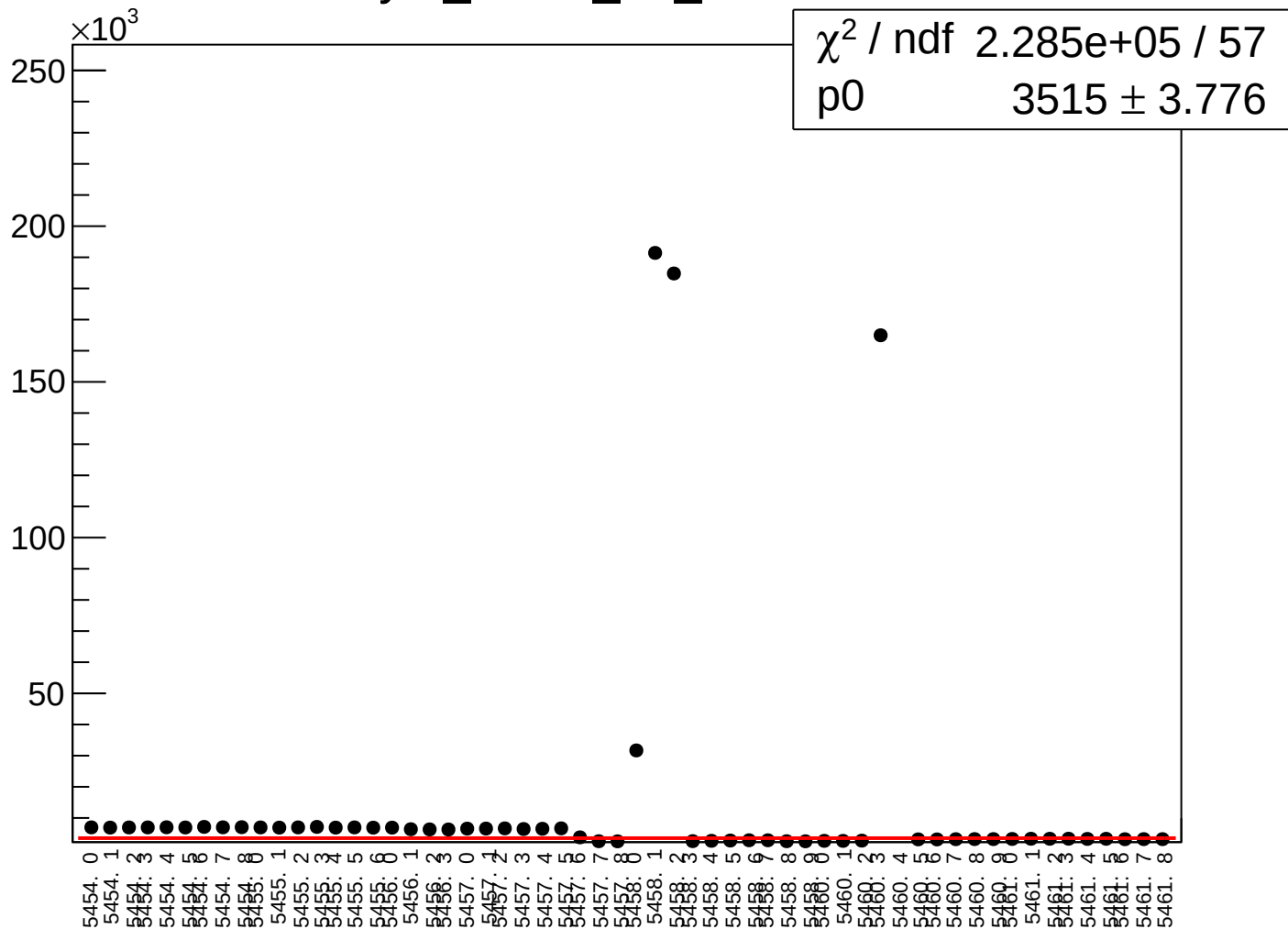
# asym\_atr1l2\_dd\_correction\_rms vs run



# asym\_atr1l2\_dd\_mean vs run

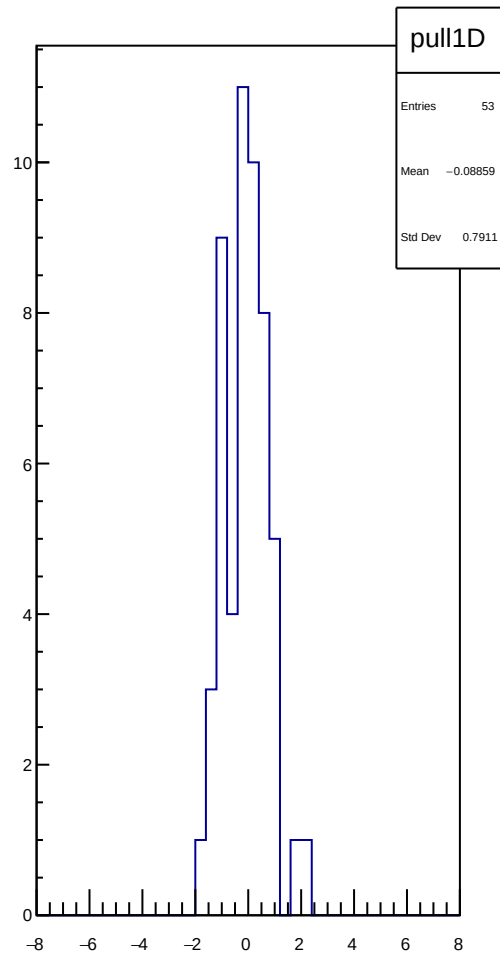
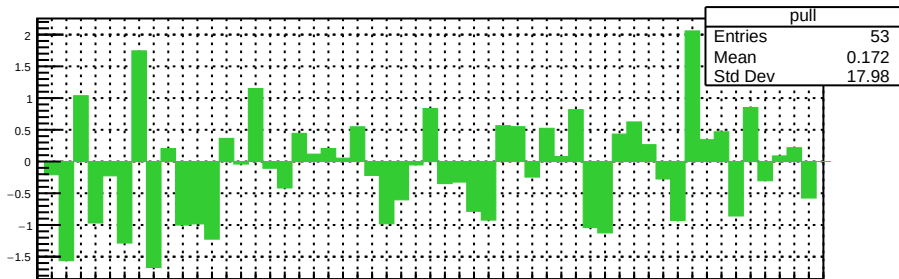
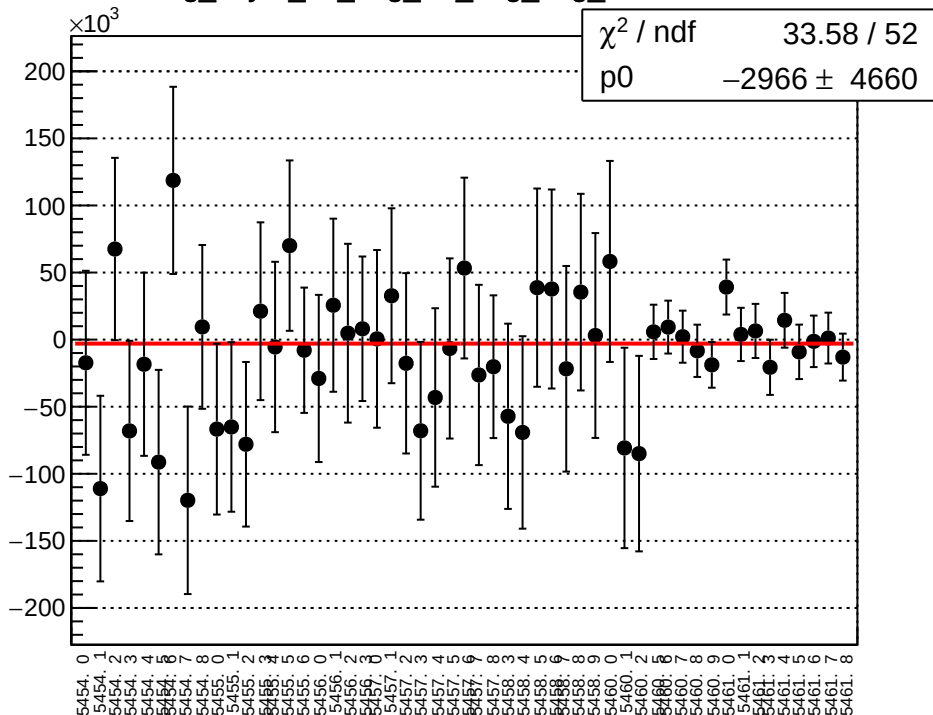


# asym\_atr1l2\_dd\_rms vs run

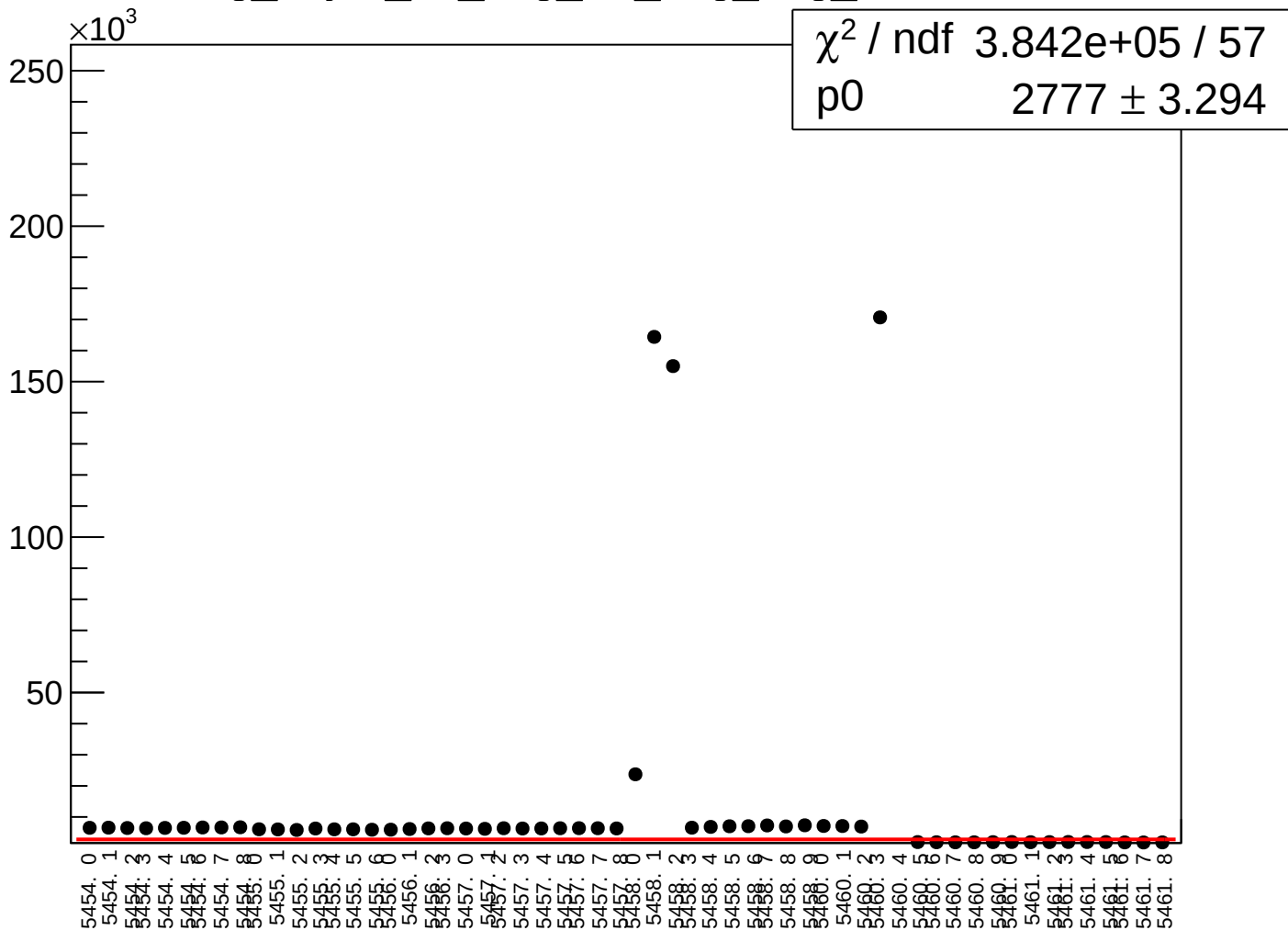




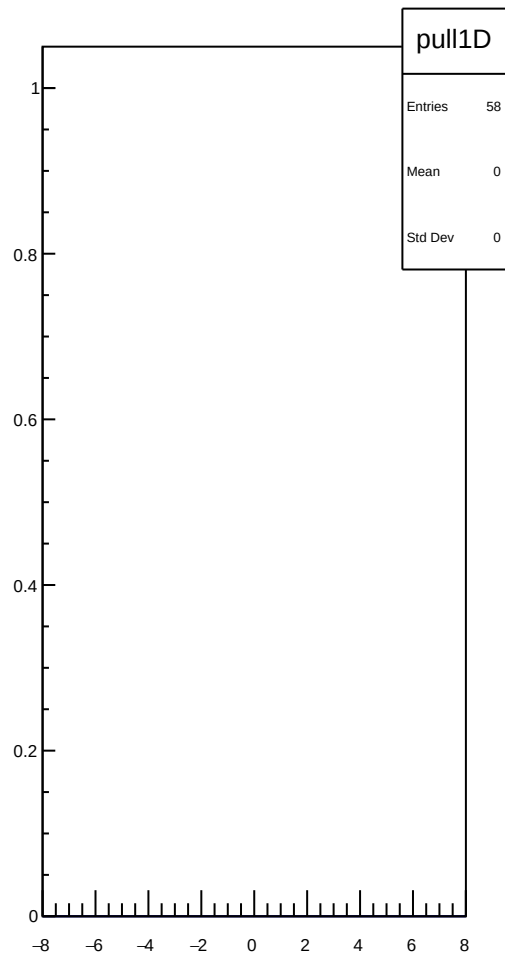
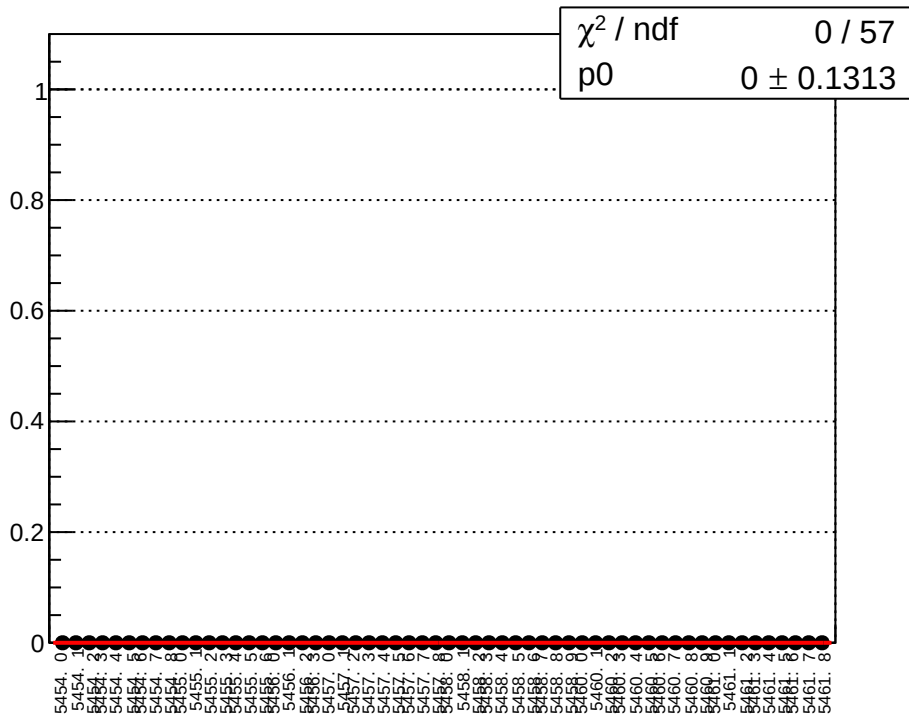
## reg\_asym\_atl\_avg\_atr\_avg\_avg\_mean vs run



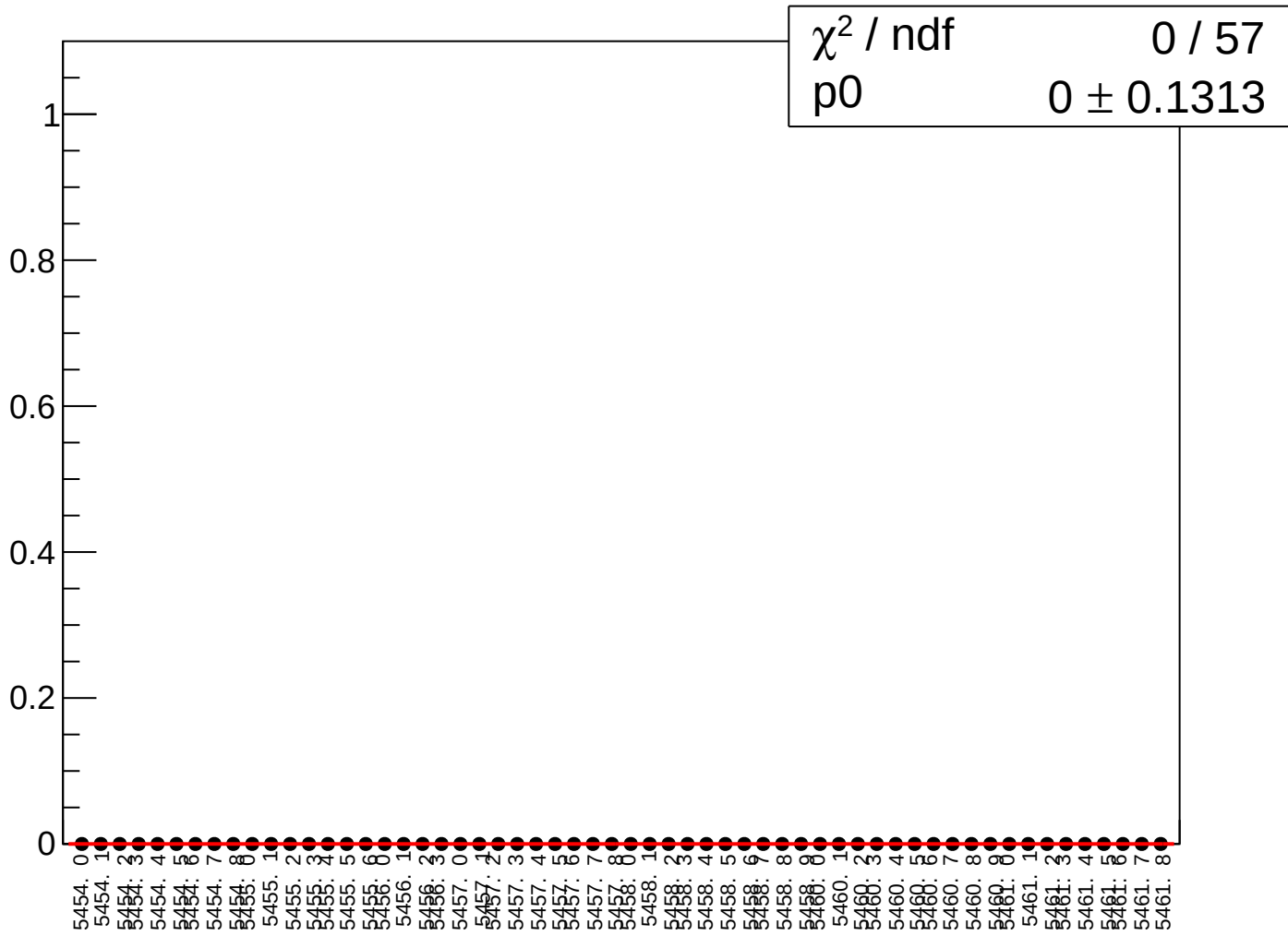
reg\_asym\_atl\_avg\_atr\_avg\_avg\_rms vs run



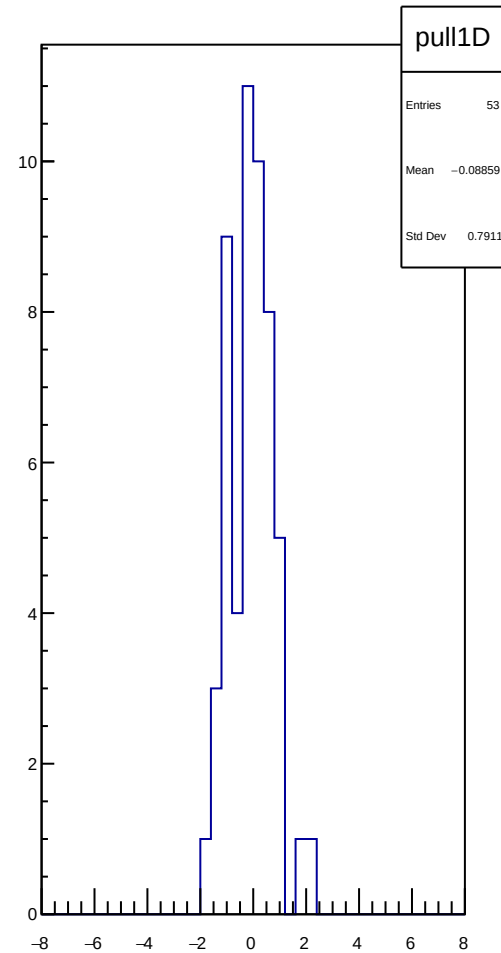
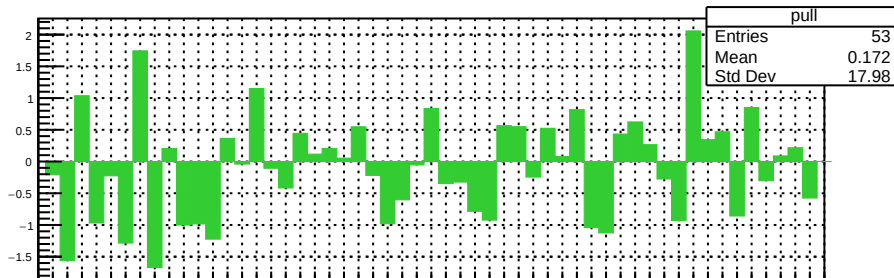
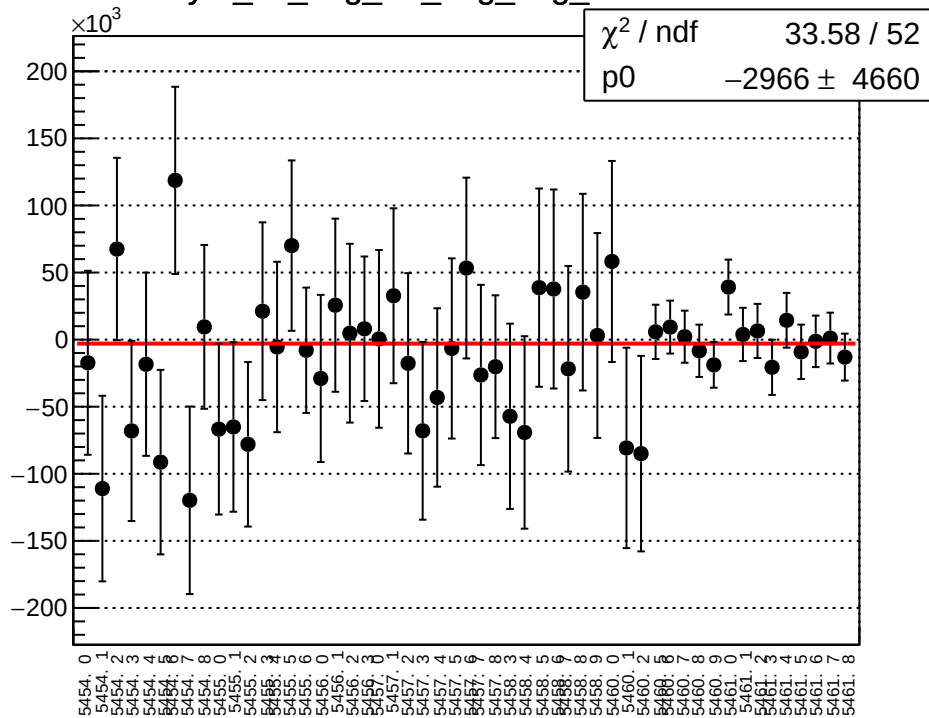
asym\_atl\_avg\_atr\_avg\_avg\_correction\_mean vs run



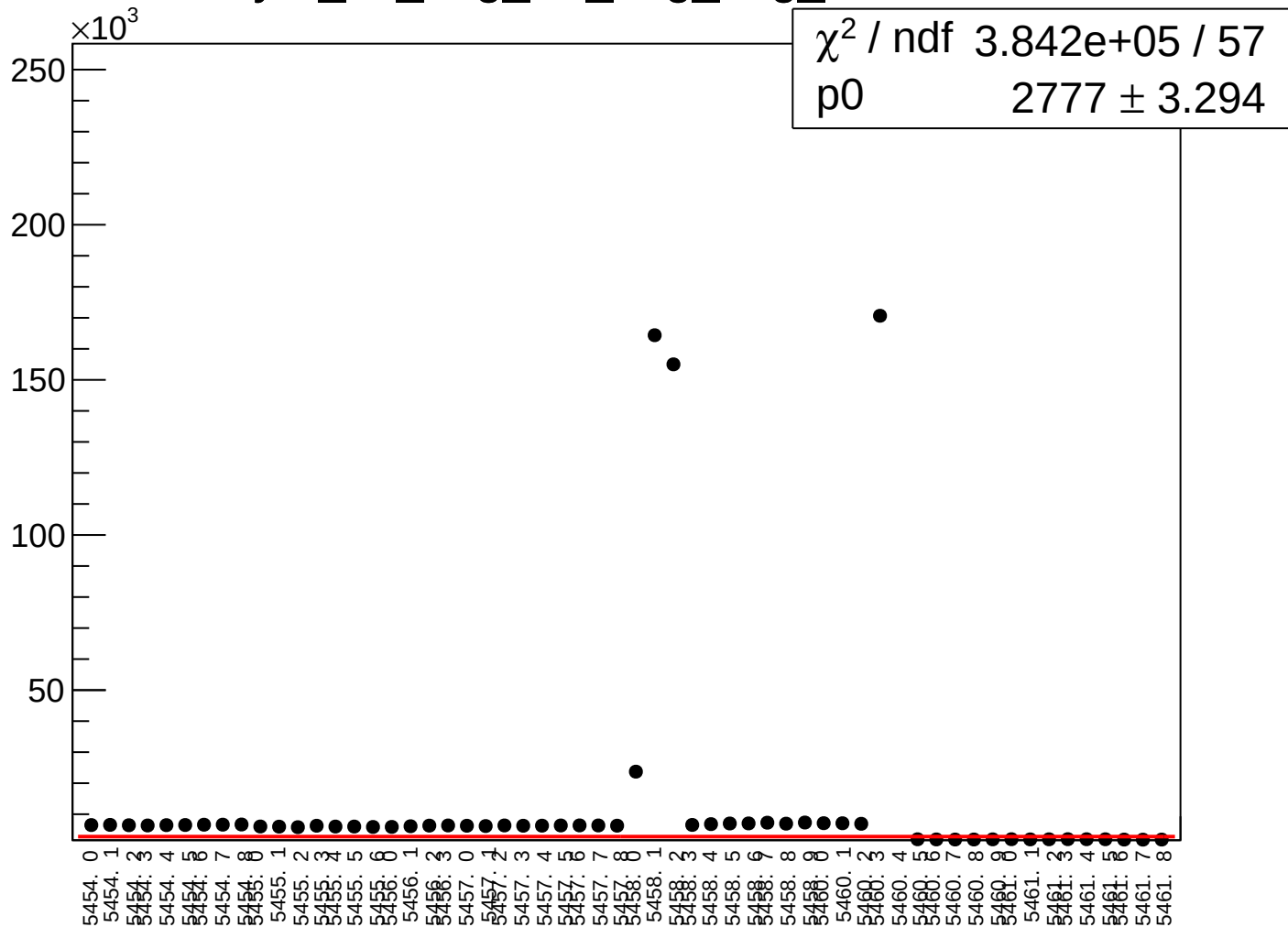
asym\_atl\_avg\_atr\_avg\_avg\_correction\_rms vs run



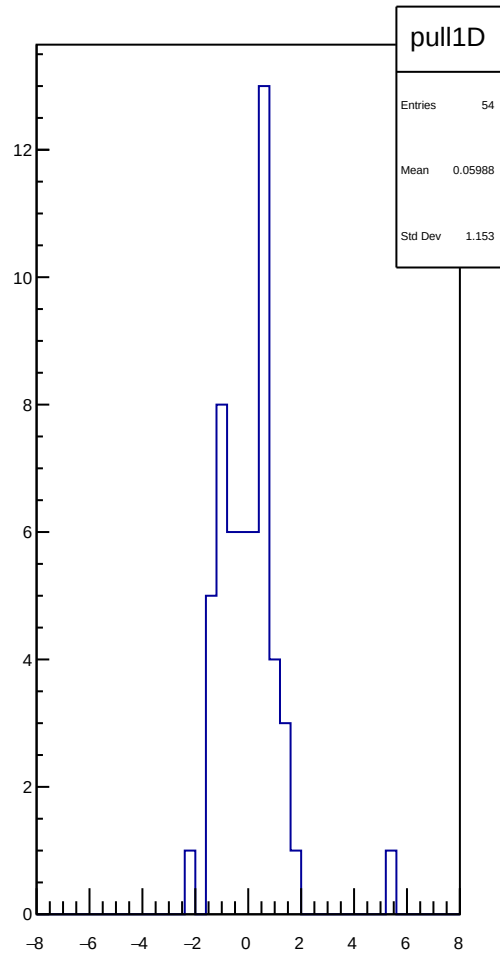
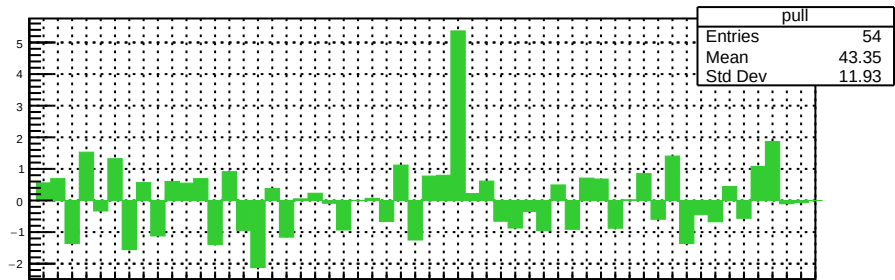
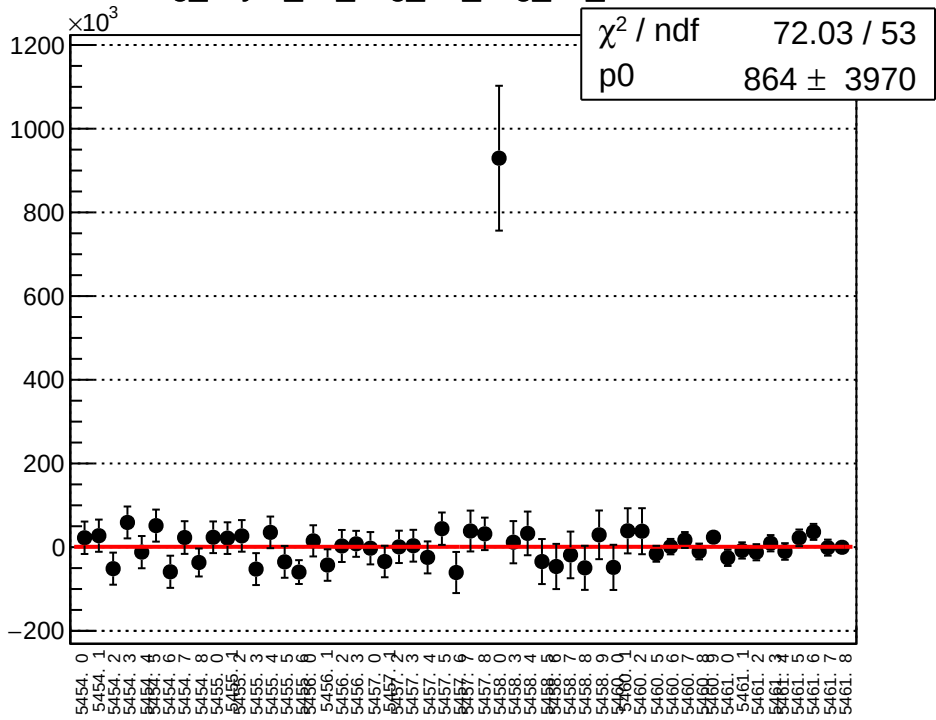
asym\_atl\_avg\_atr\_avg\_avg\_mean vs run



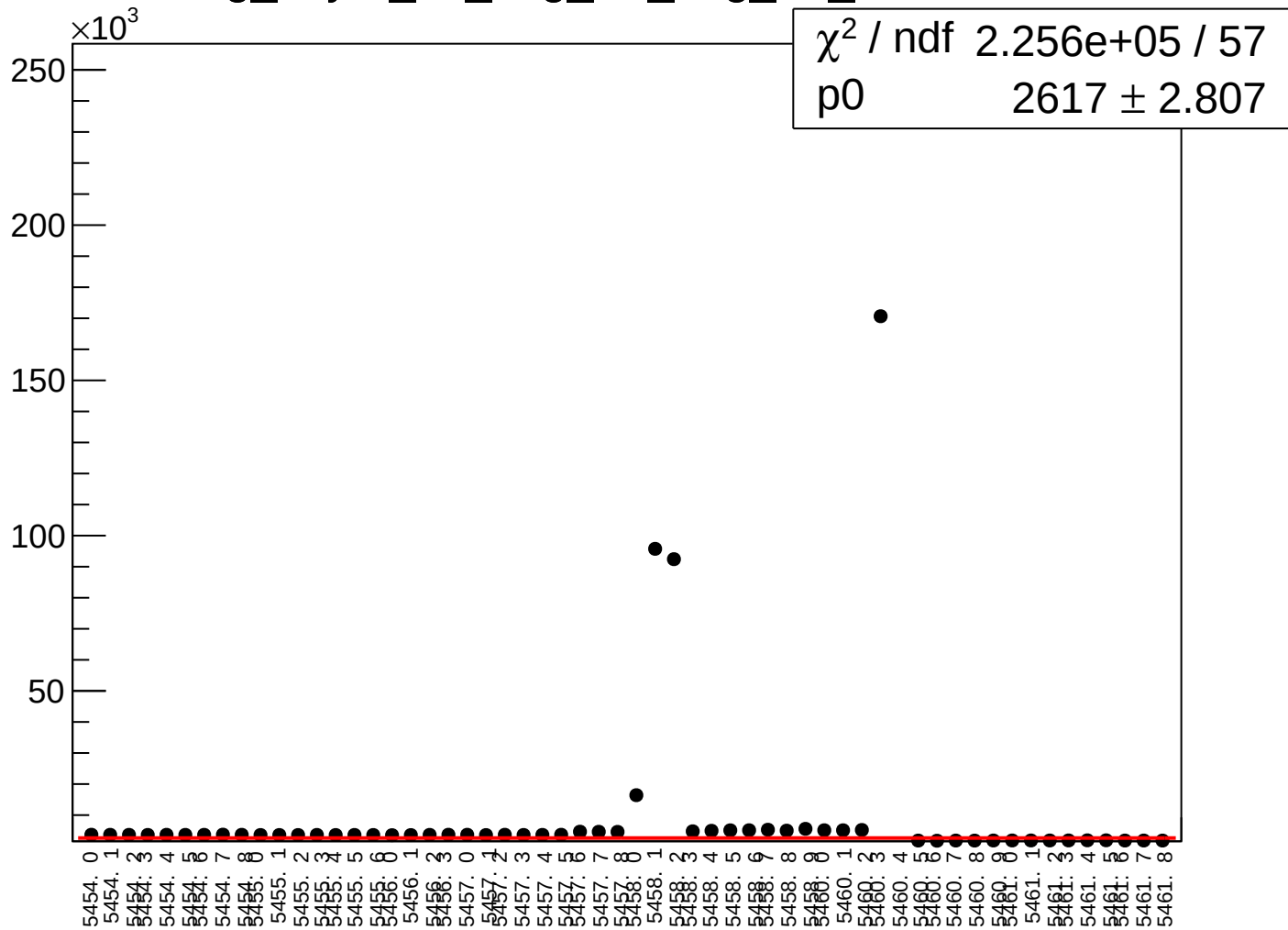
asym\_atl\_avg\_atr\_avg\_avg\_rms vs run



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

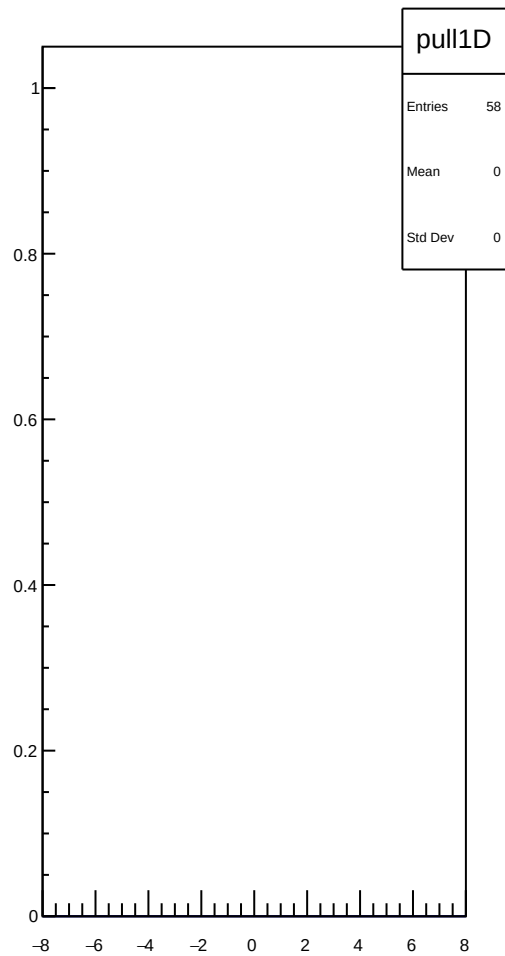
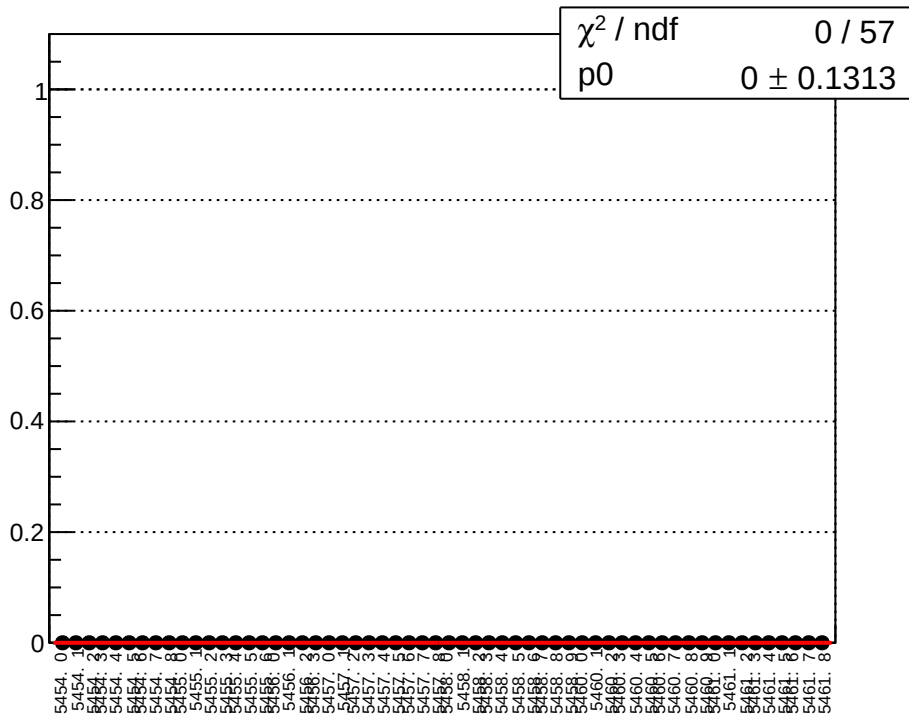


reg\_asym\_atl\_avg\_atr\_avg\_dd\_rms vs run

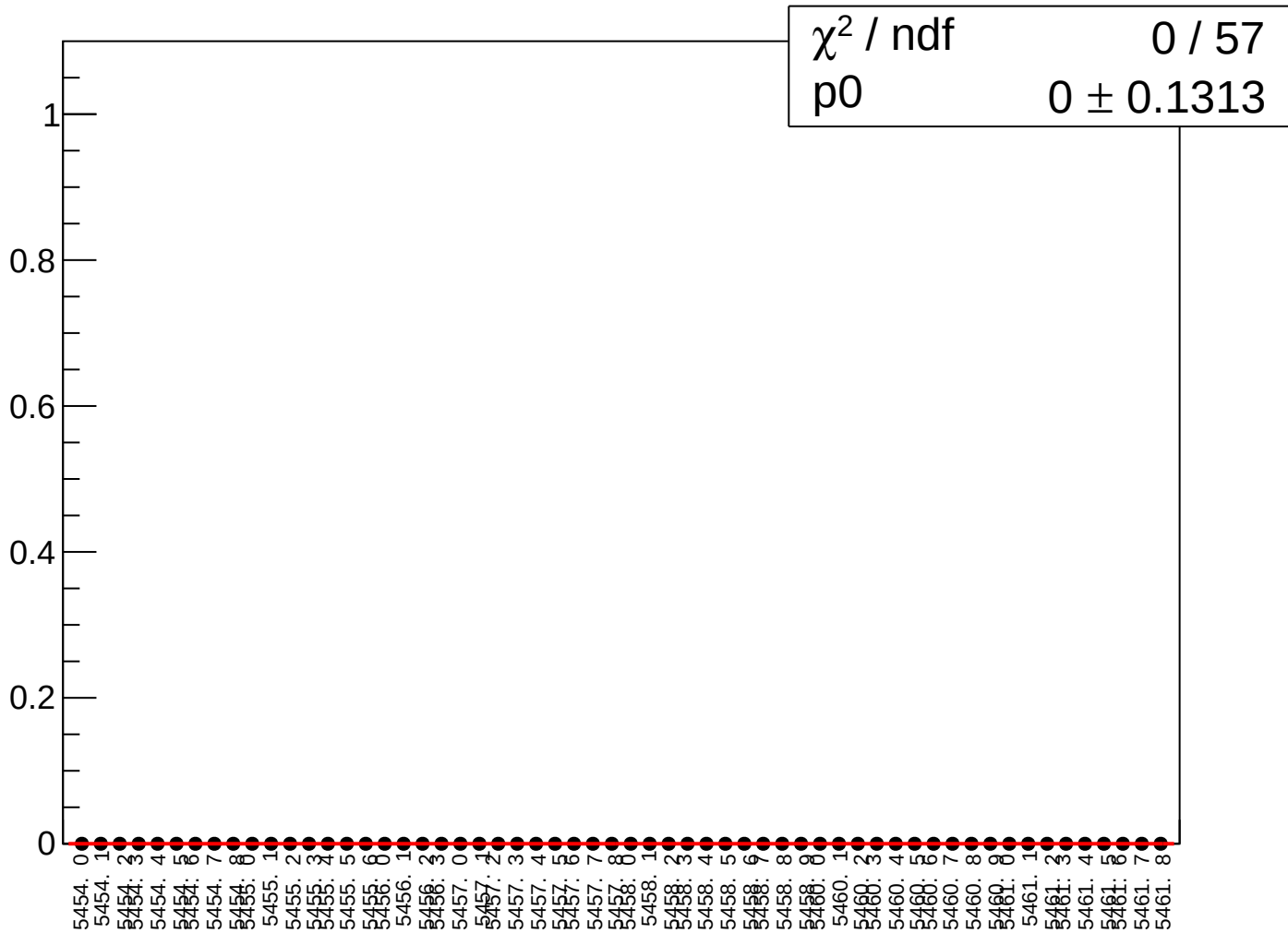




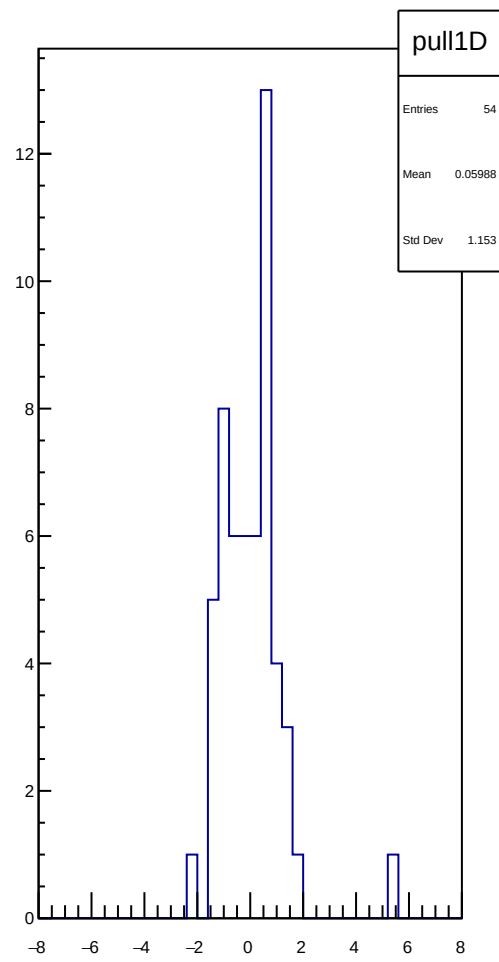
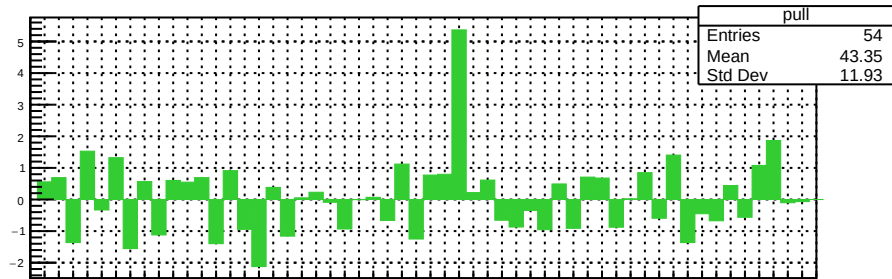
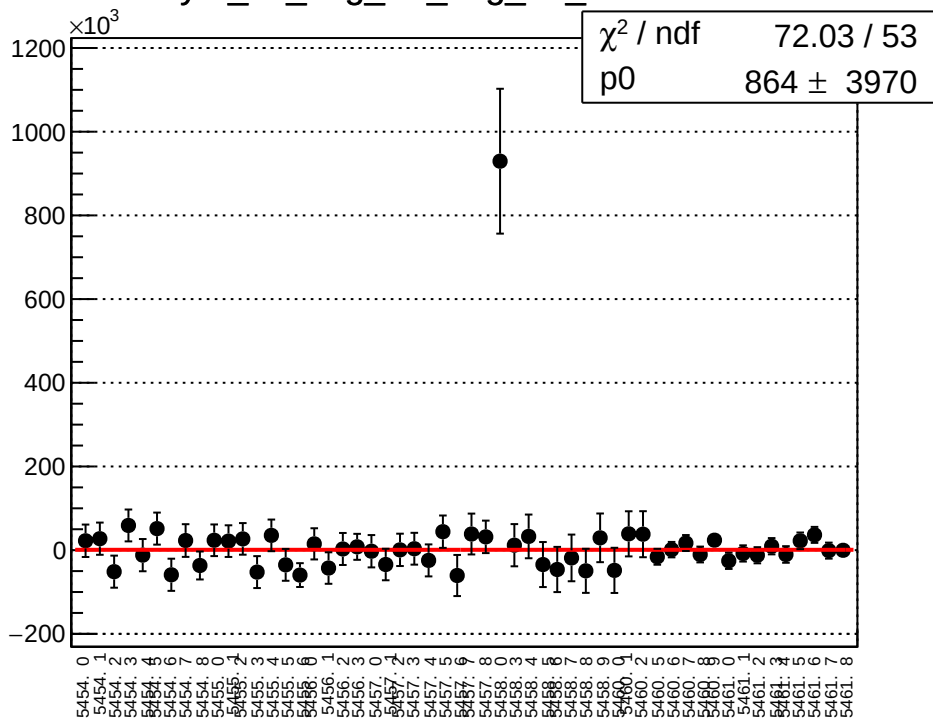
asym\_atl\_avg\_atr\_avg\_dd\_correction\_mean vs run



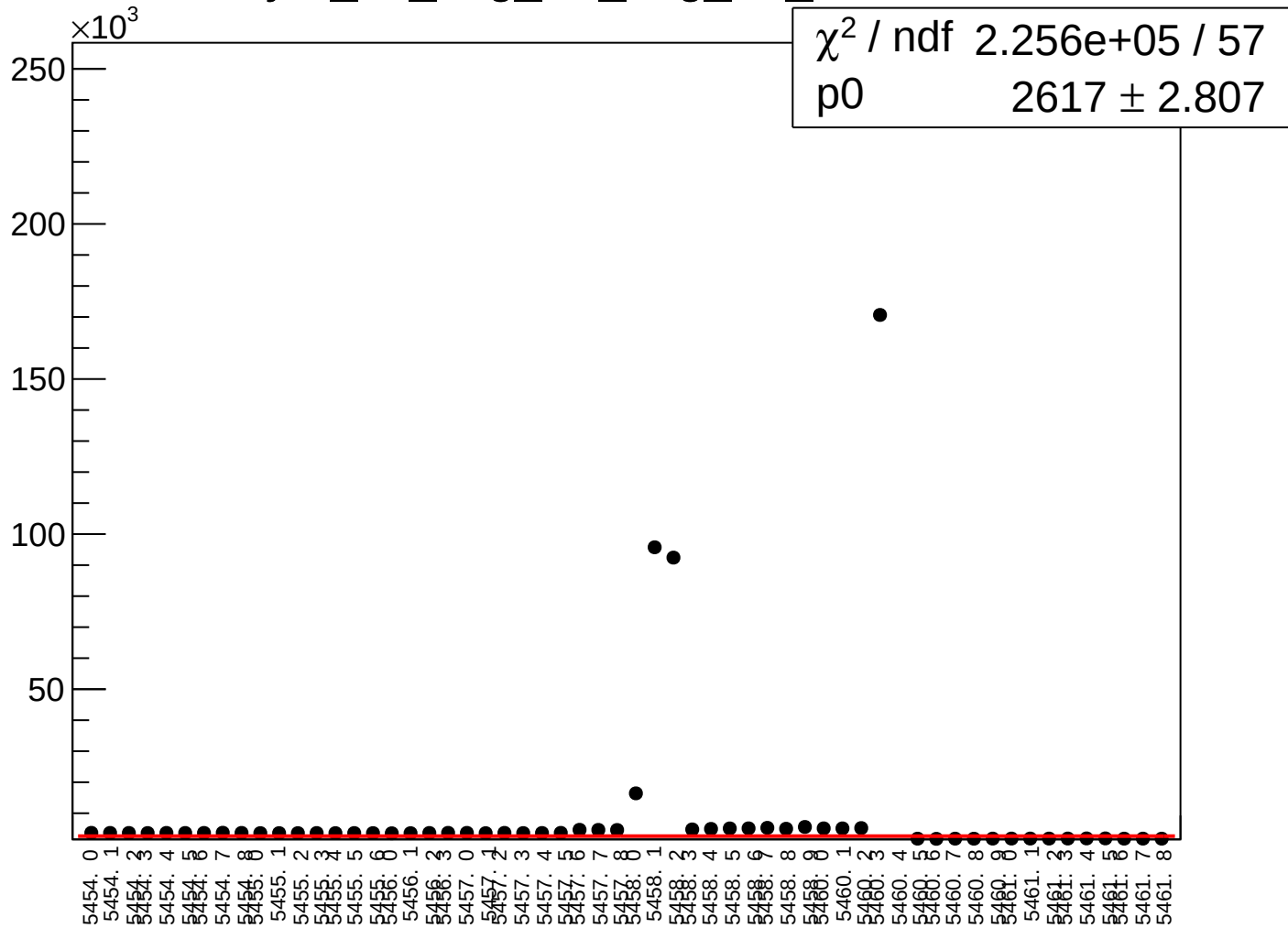
asym\_atl\_avg\_atr\_avg\_dd\_correction\_rms vs run



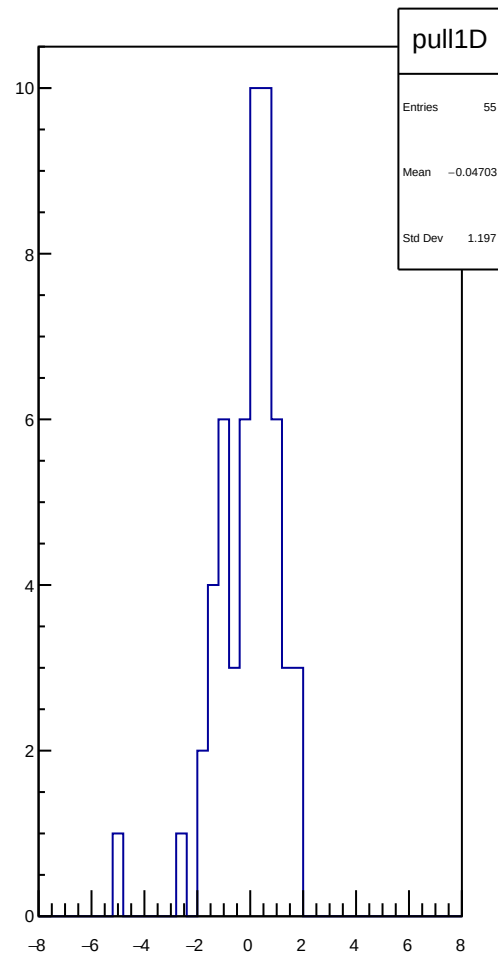
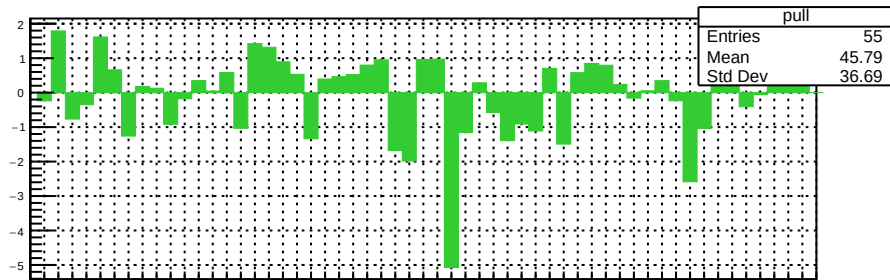
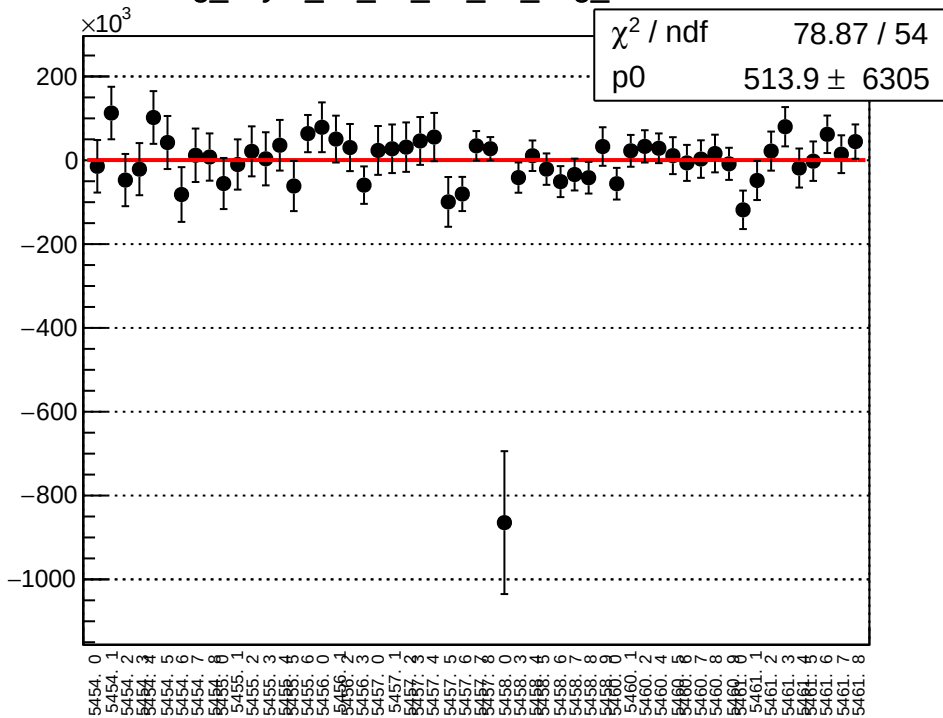
asym\_atl\_avg\_atr\_avg\_dd\_mean vs run



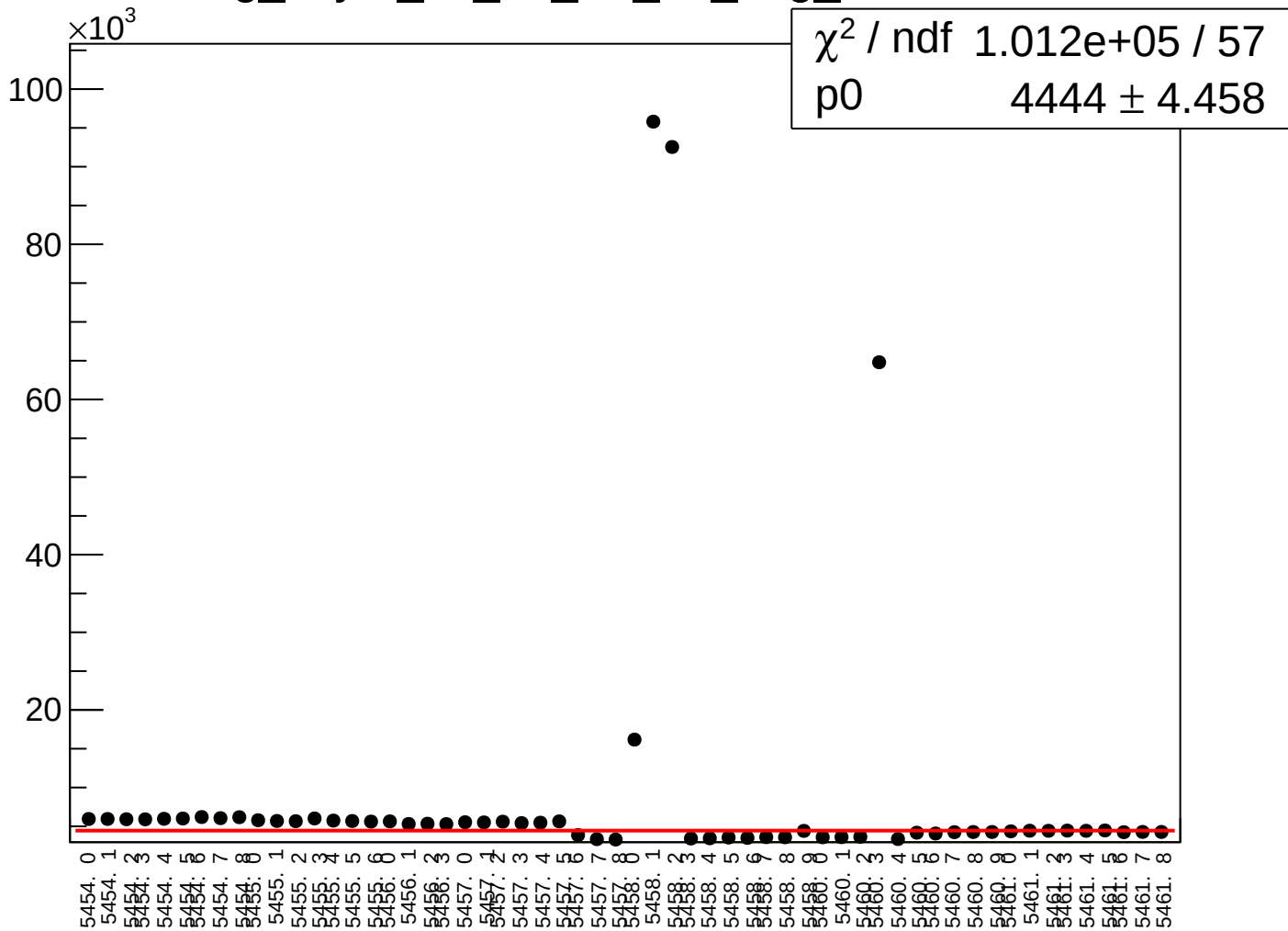
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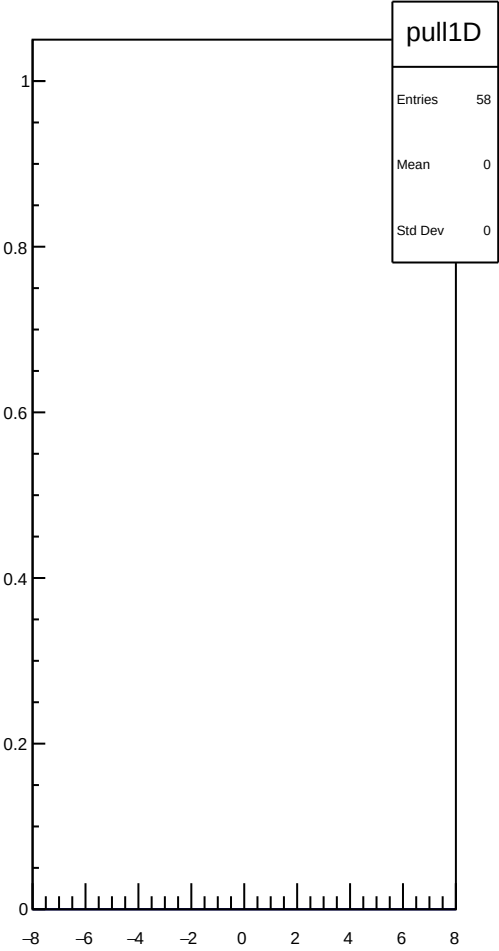
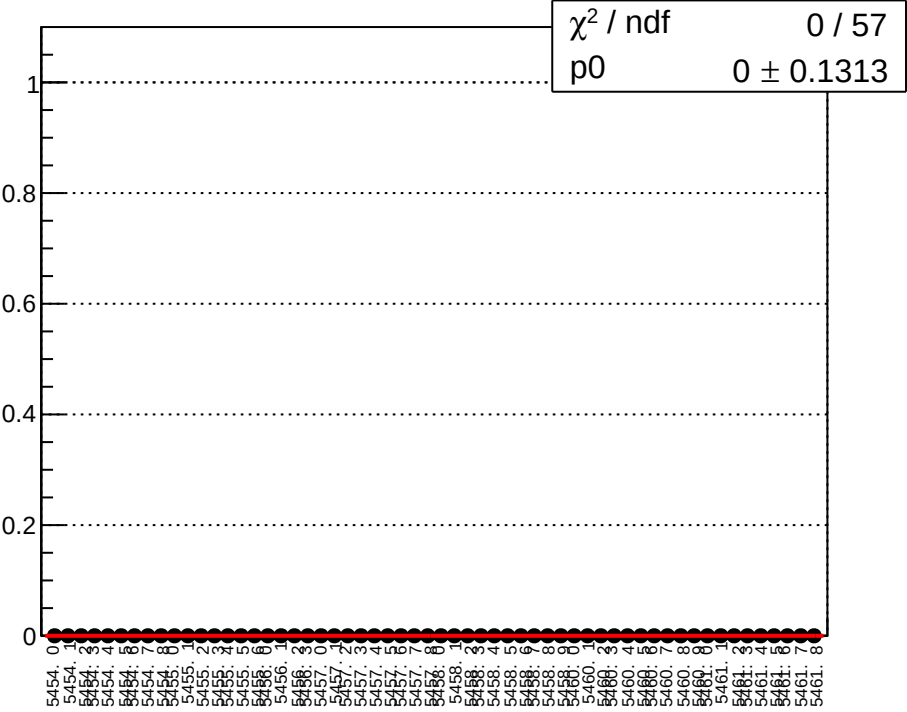
reg\_asym\_atl\_dd\_atr\_dd\_avg\_mean vs run



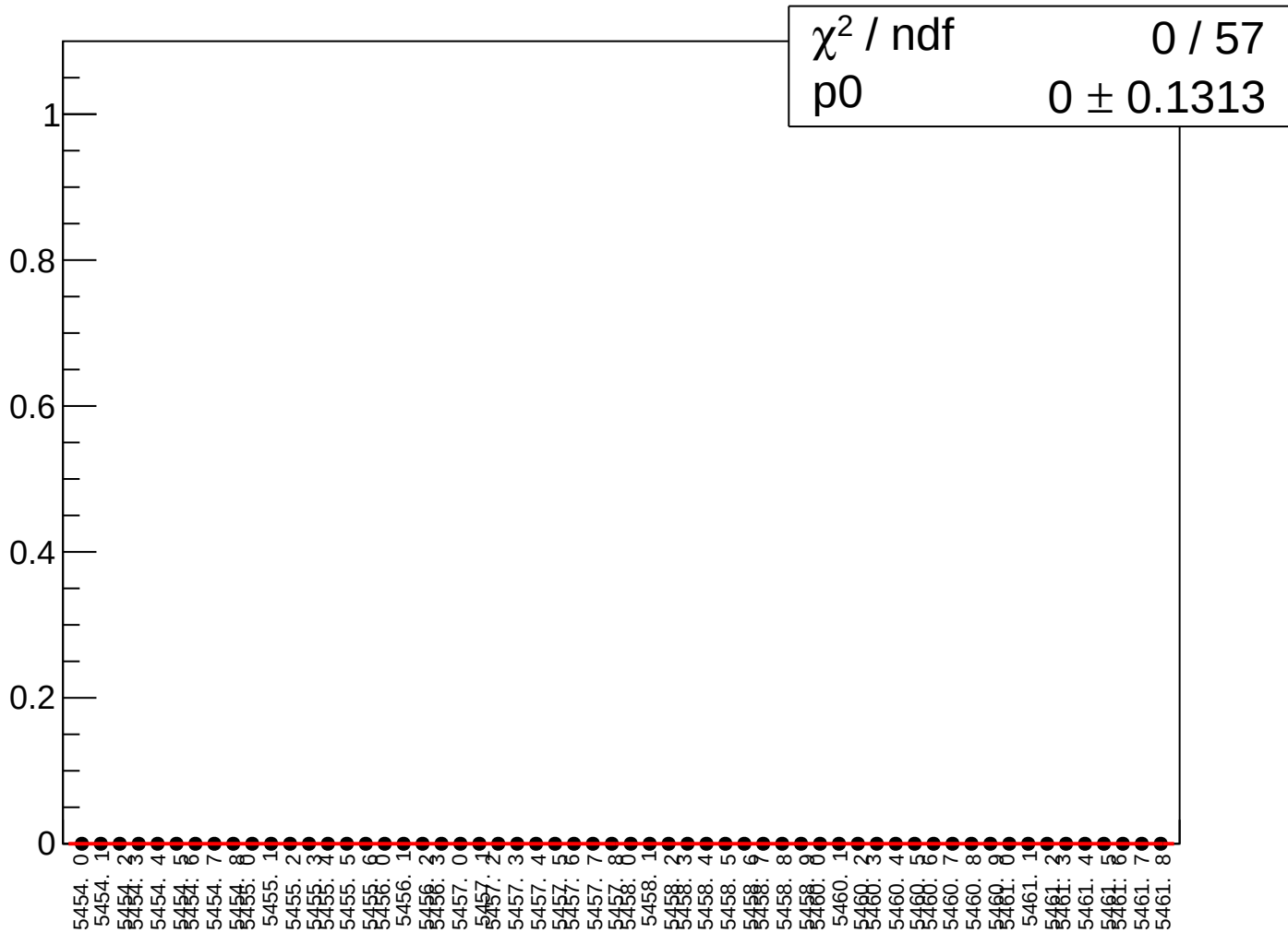
reg\_asym\_atl\_dd\_atr\_dd\_avg\_rms vs run



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

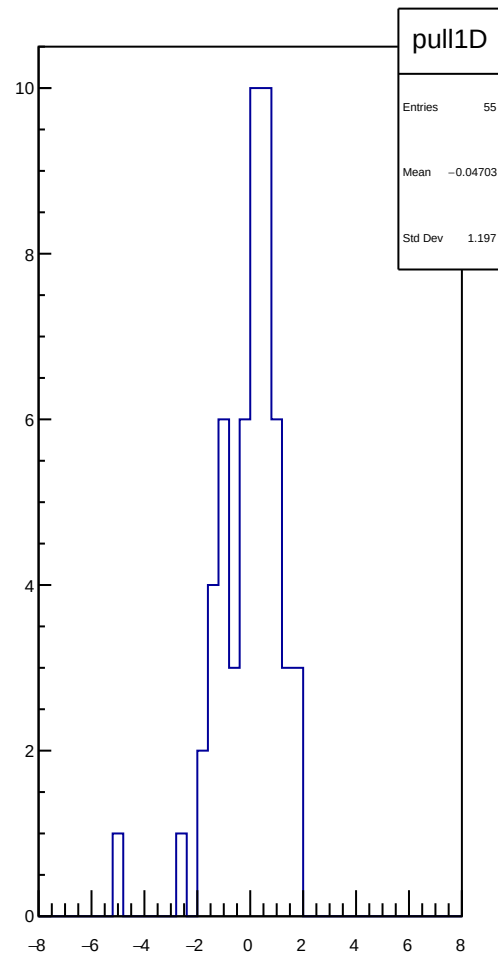
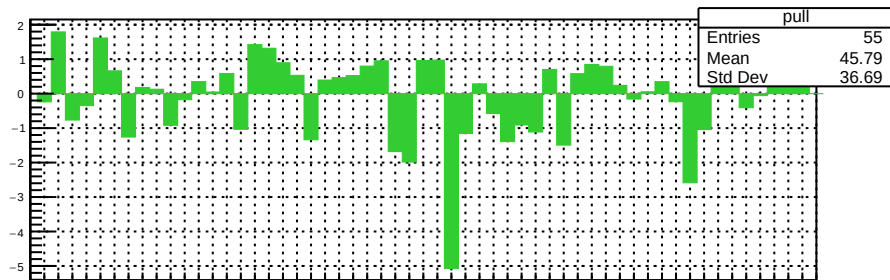
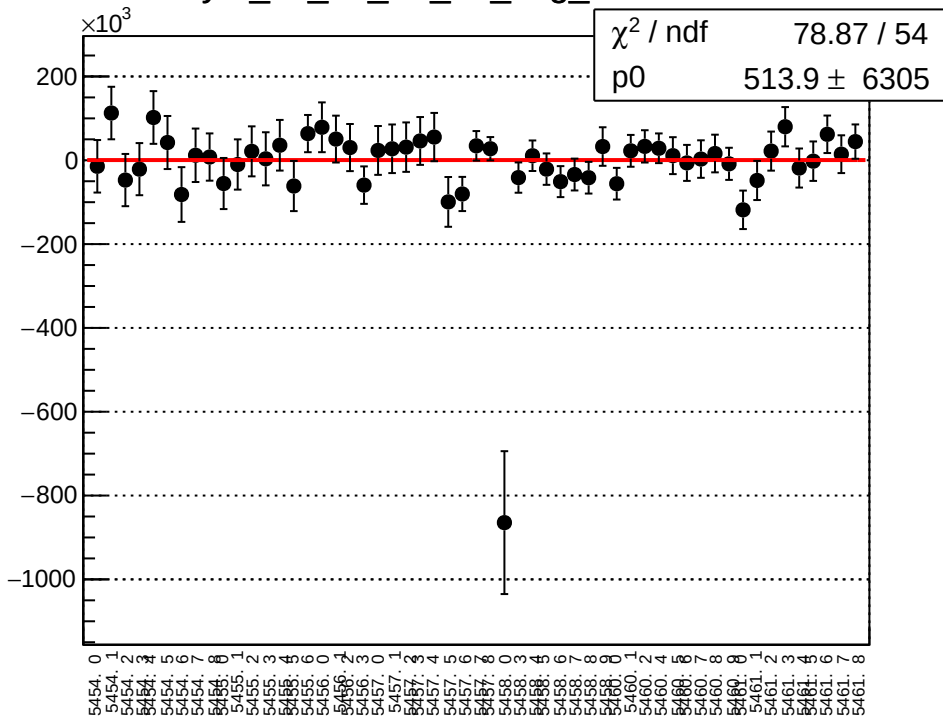


asym\_atl\_dd\_atr\_dd\_avg\_correction\_rms vs run

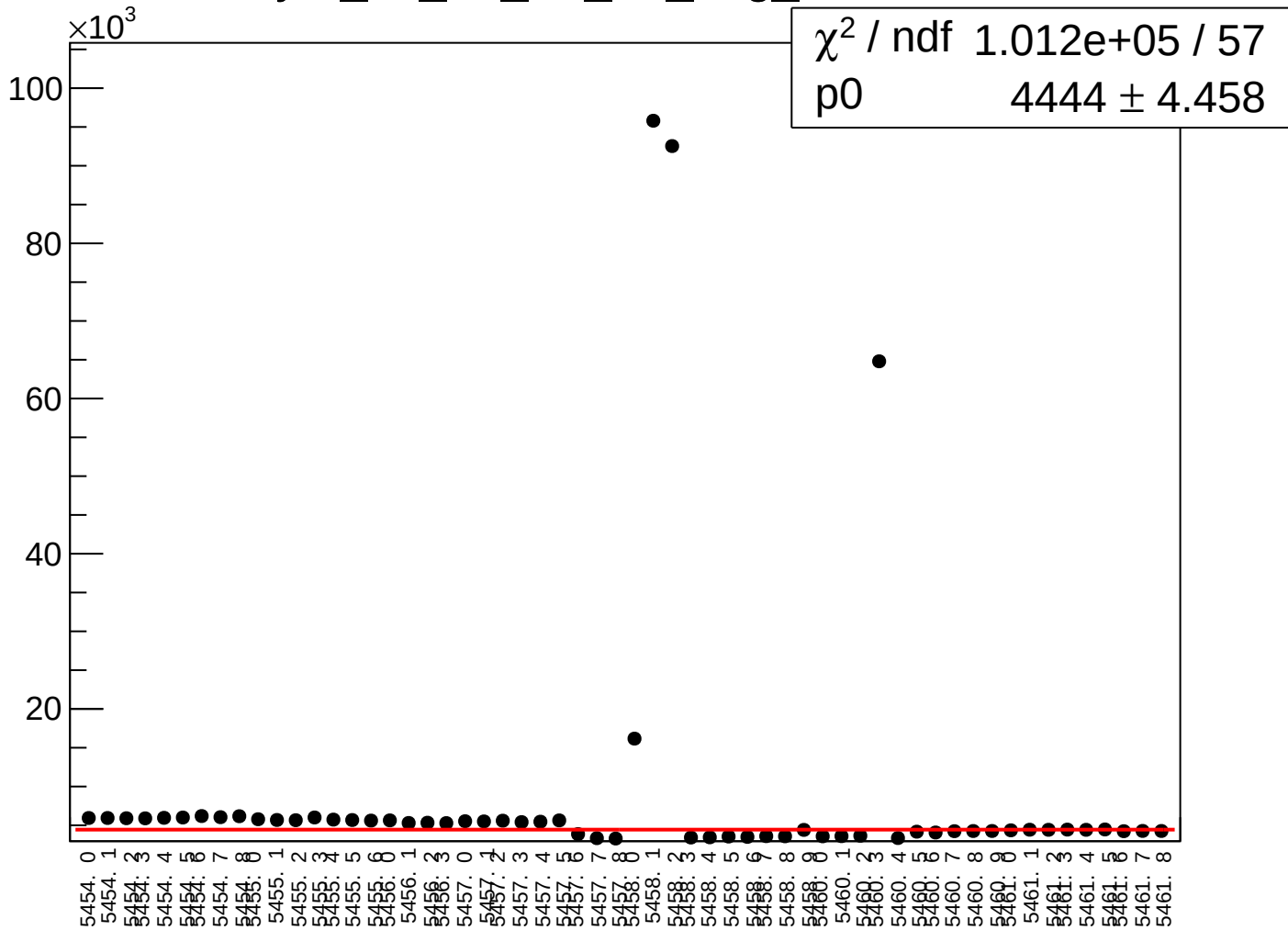




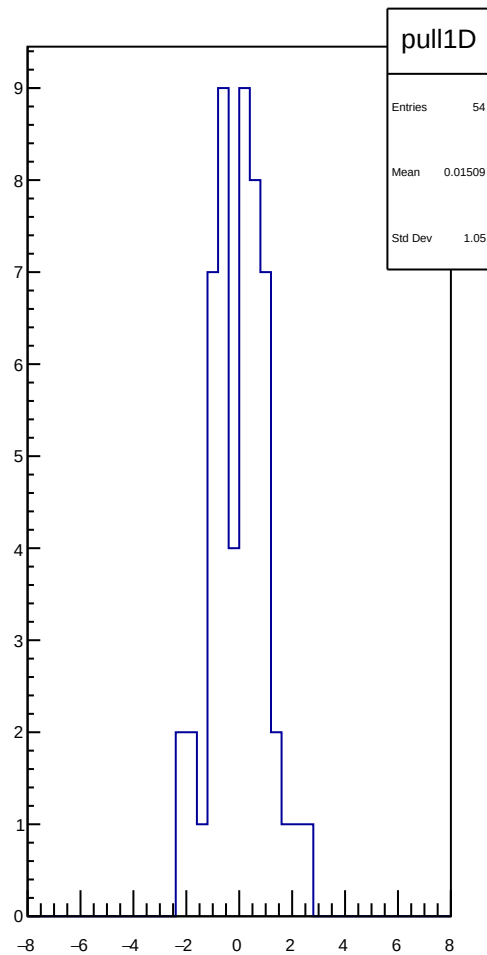
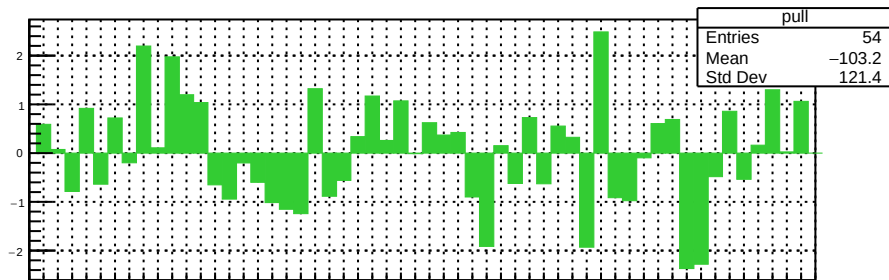
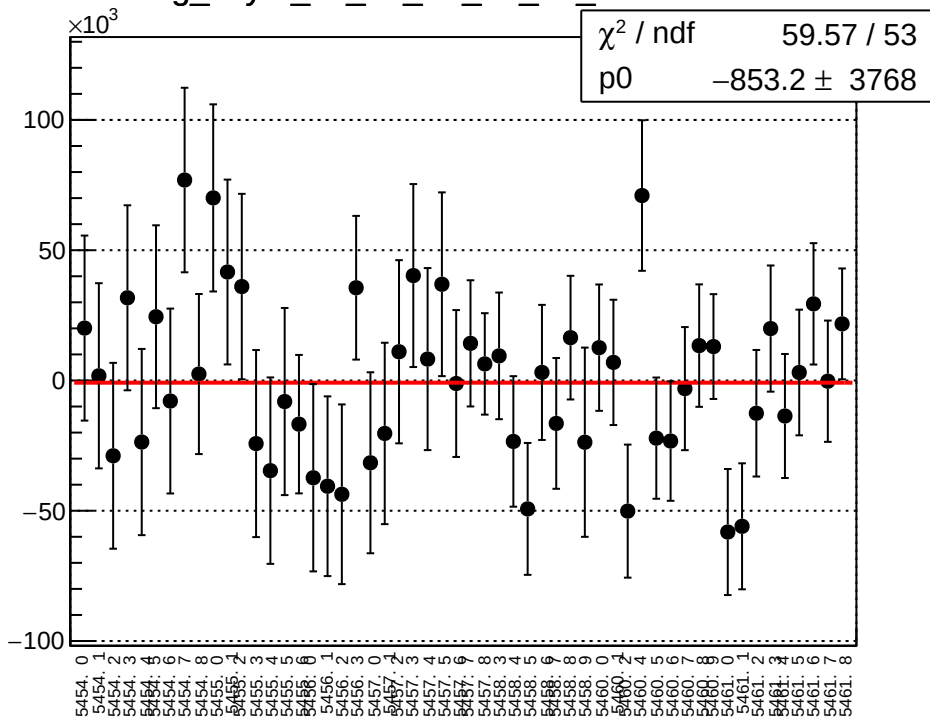
asym\_atl\_dd\_atr\_dd\_avg\_mean vs run



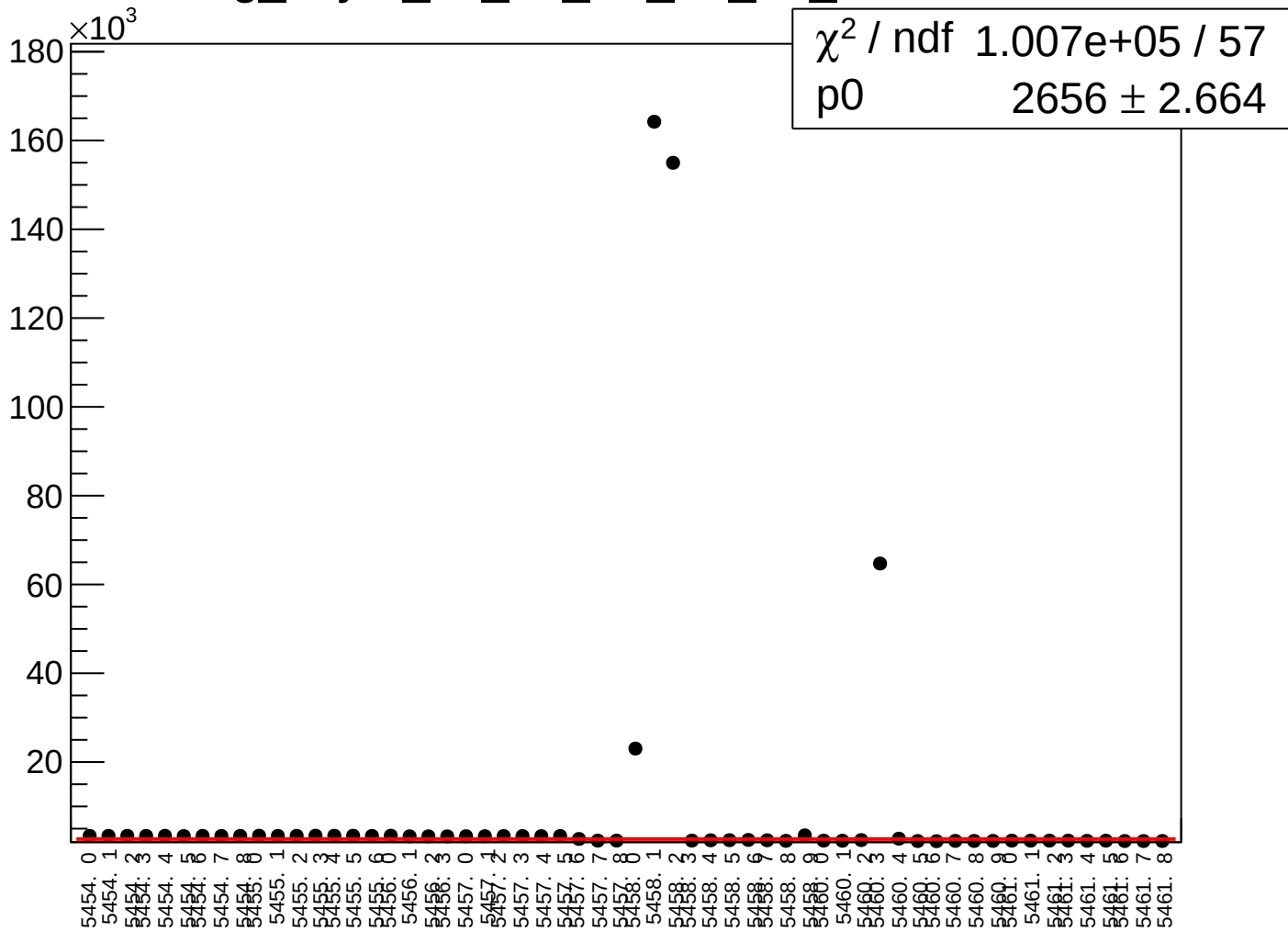
# asym\_atl\_dd\_atr\_dd\_avg\_rms vs run



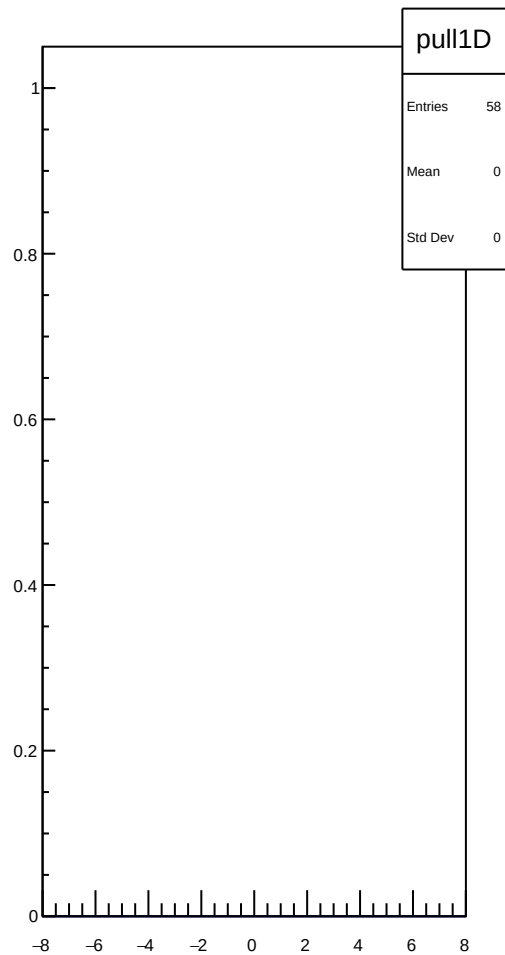
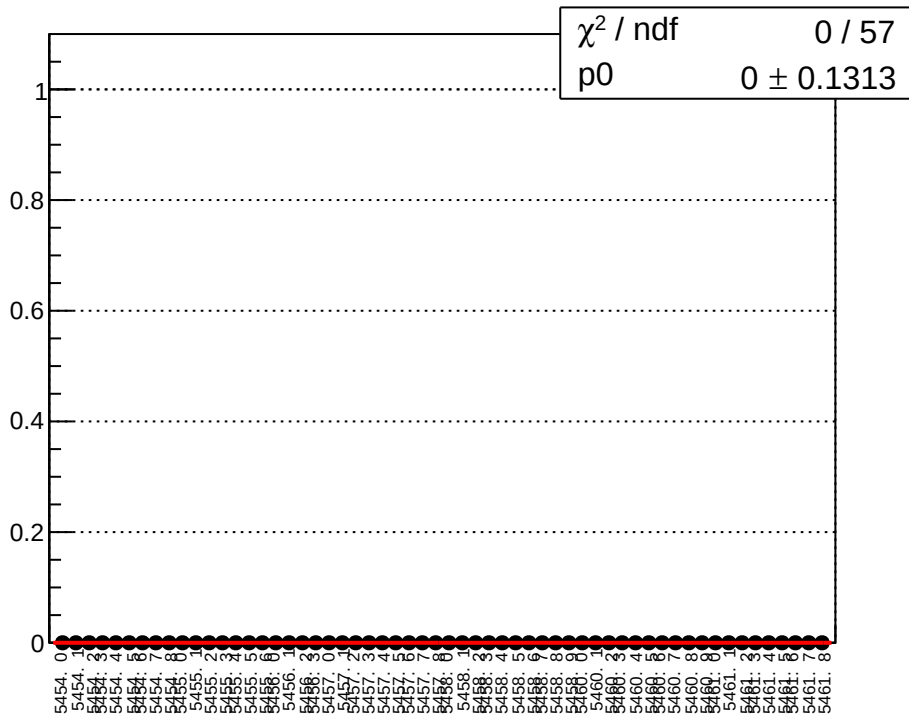
reg\_asym\_atl\_dd\_atr\_dd\_dd\_mean vs run



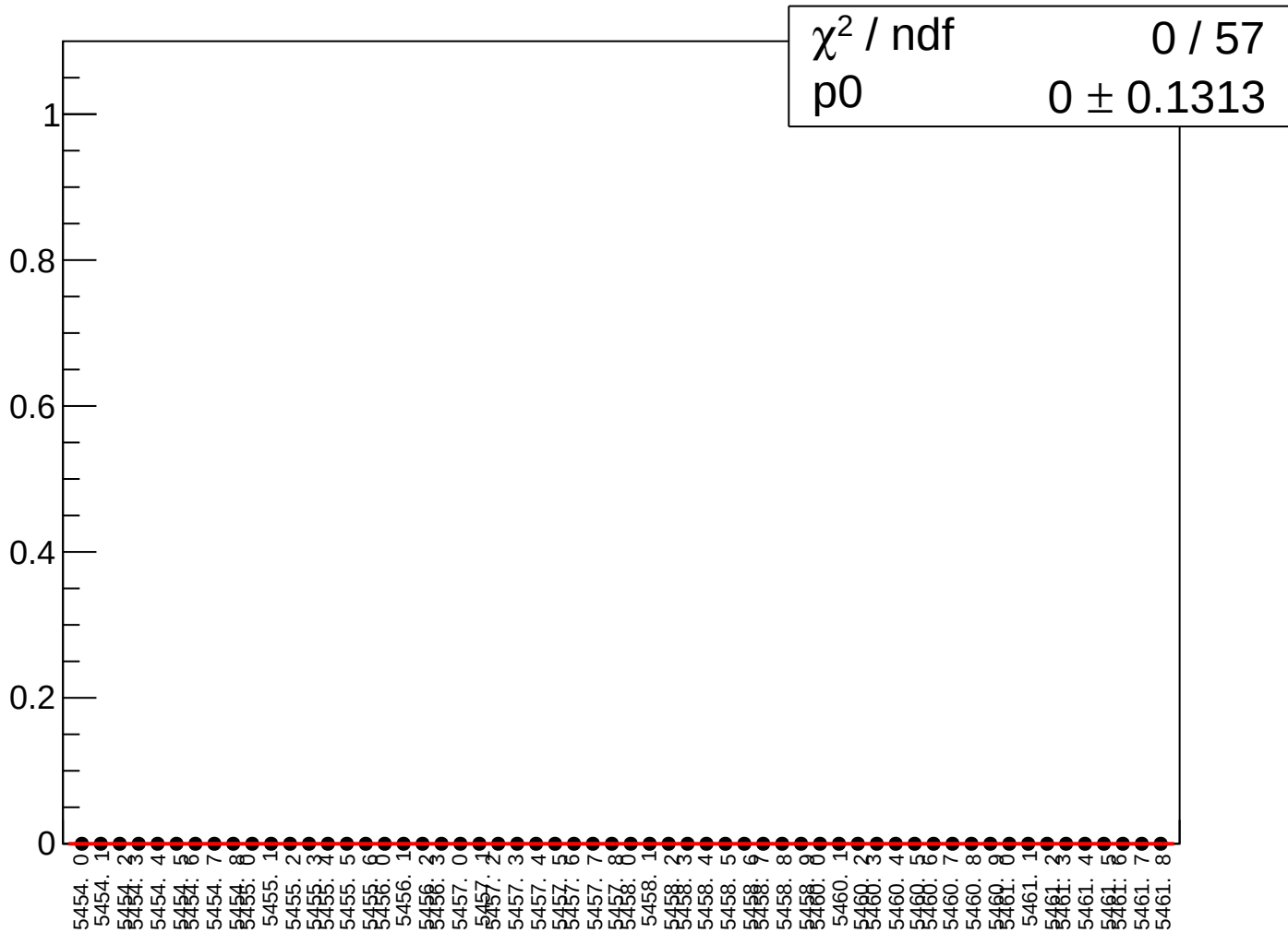
reg\_asym\_atl\_dd\_atr\_dd\_dd\_rms vs run



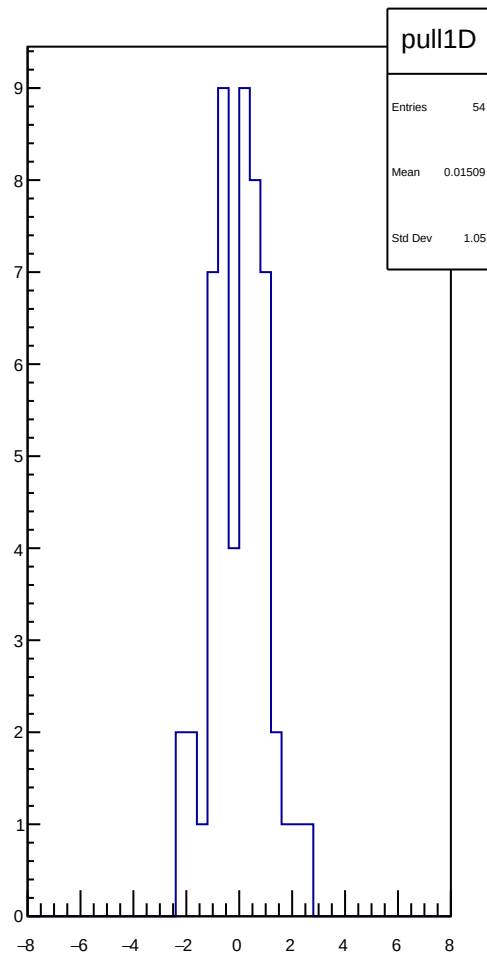
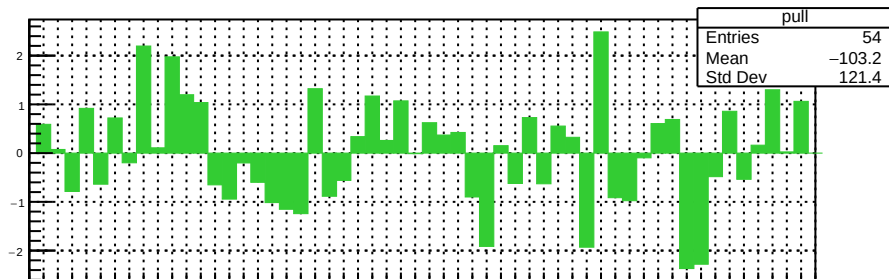
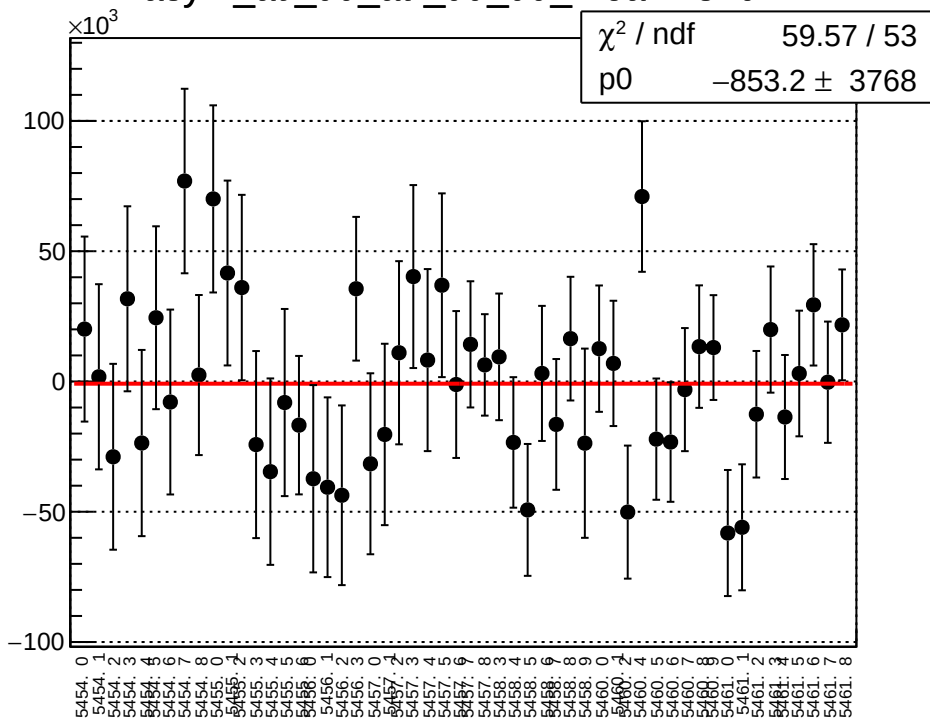
asym\_atl\_dd\_atr\_dd\_dd\_correction\_mean vs run



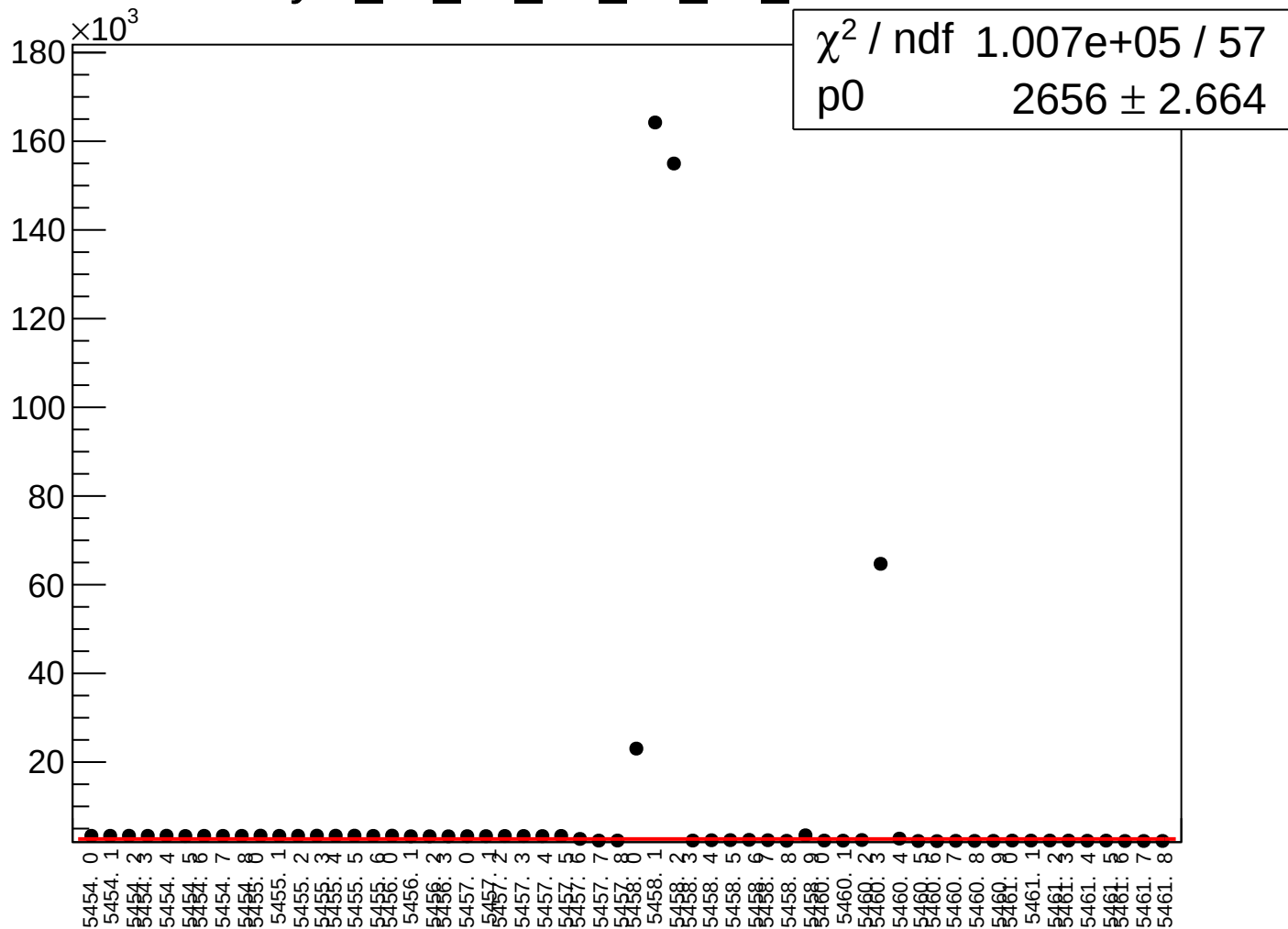
asym\_atl\_dd\_atr\_dd\_dd\_correction\_rms vs run



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

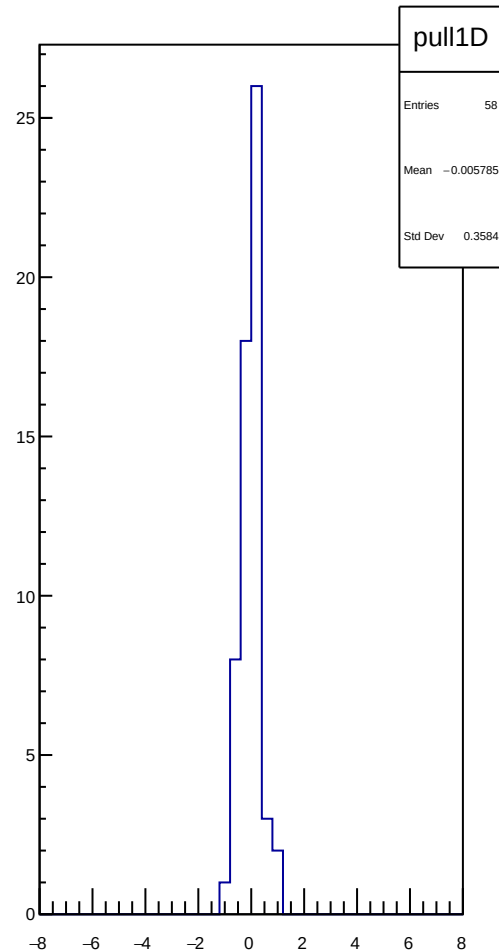
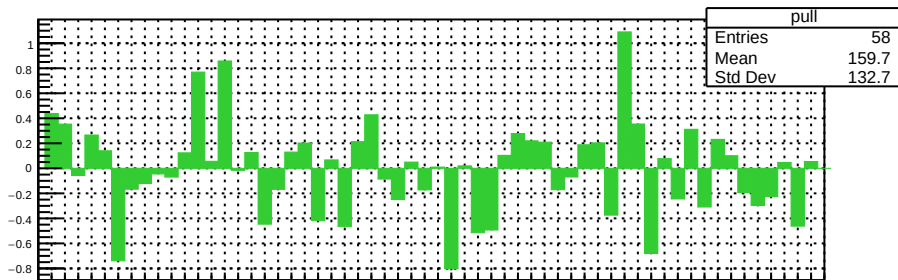
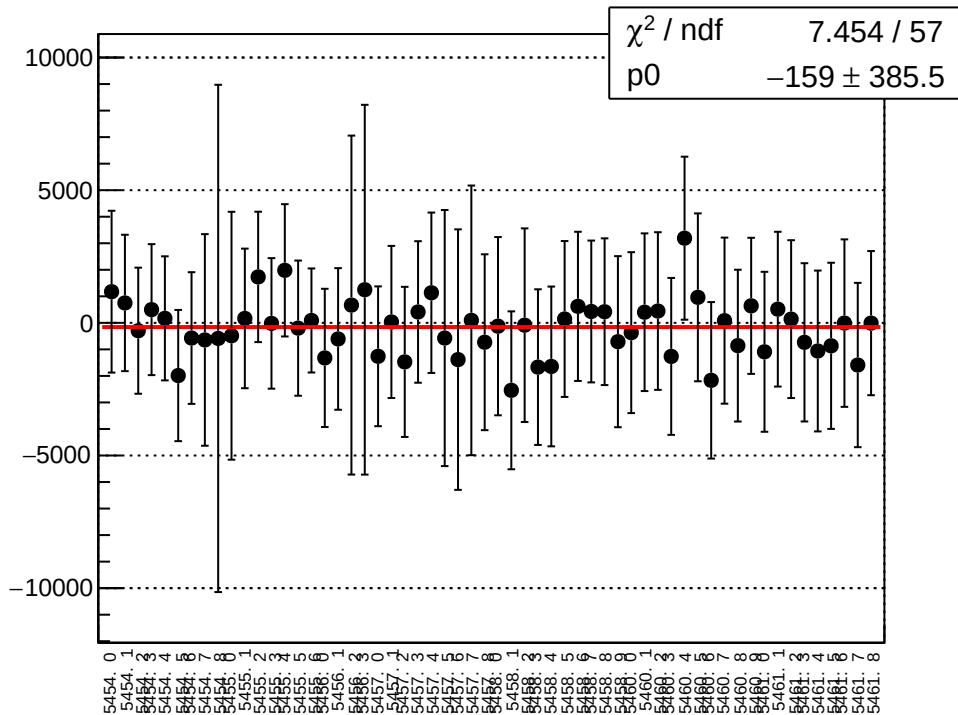


asym\_atl\_dd\_atr\_dd\_dd\_rms vs run

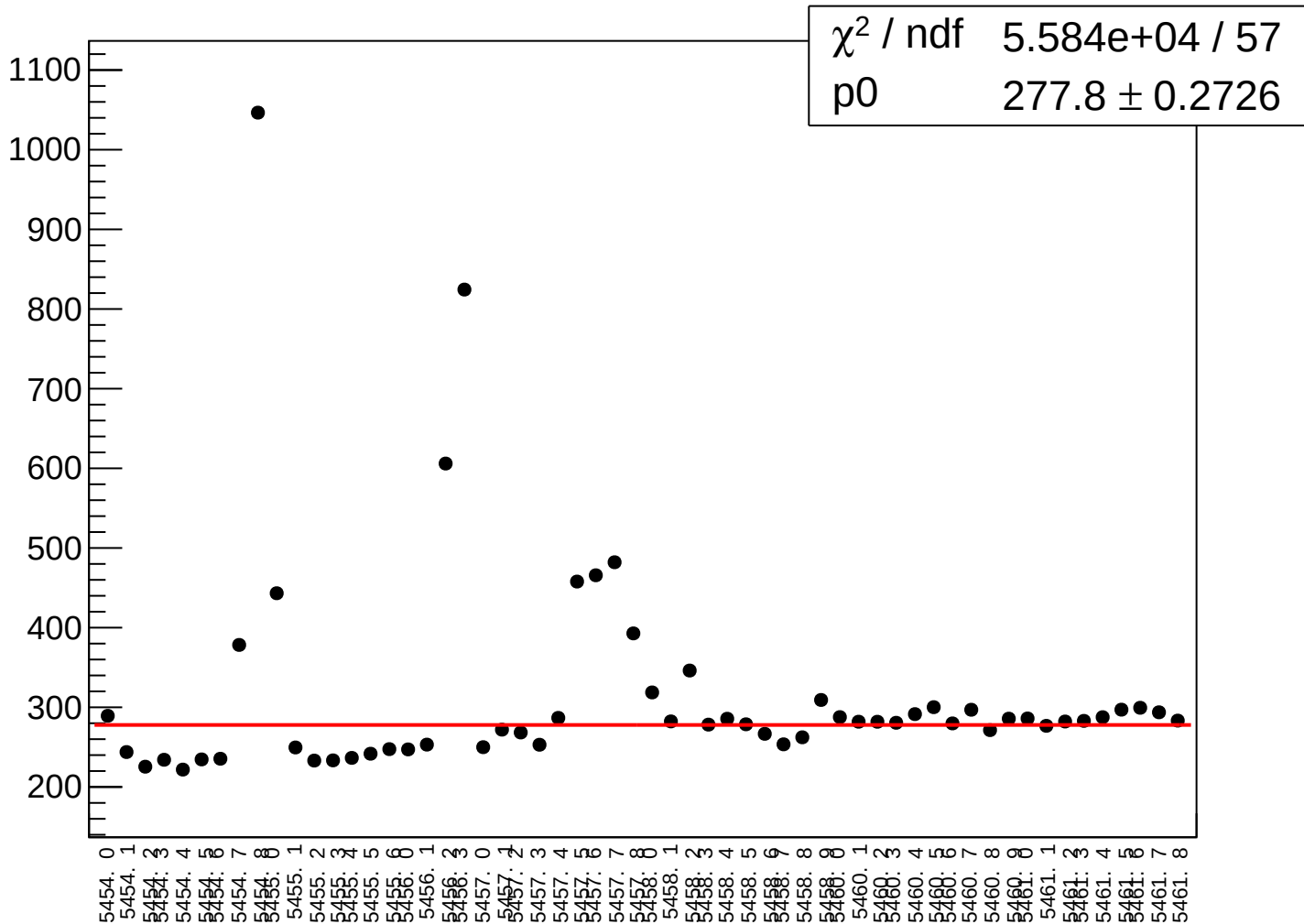




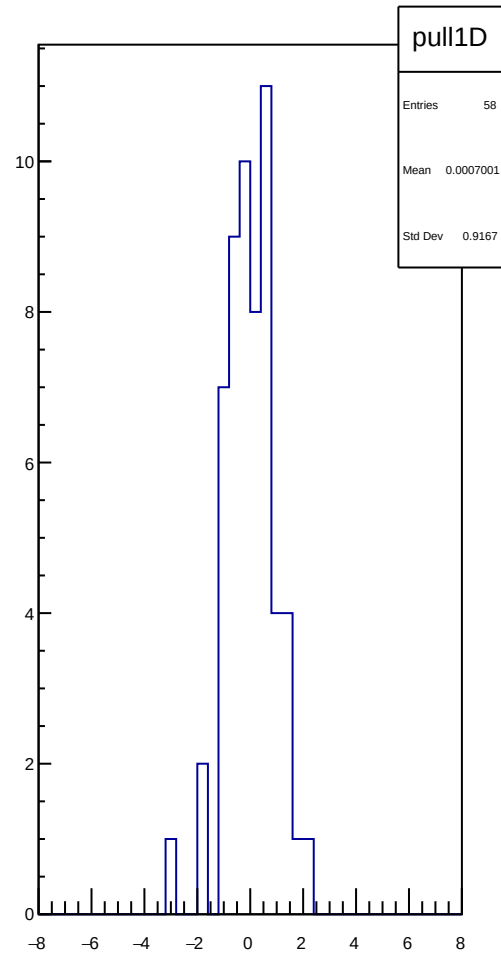
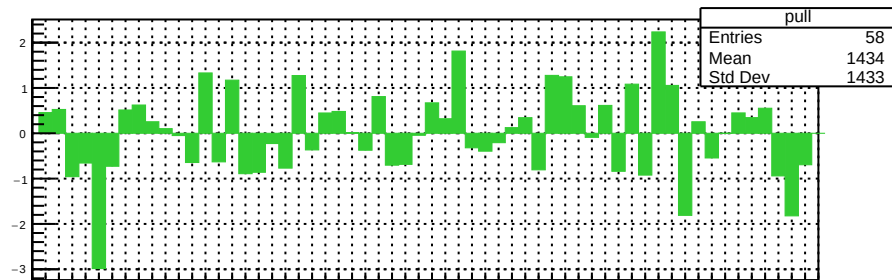
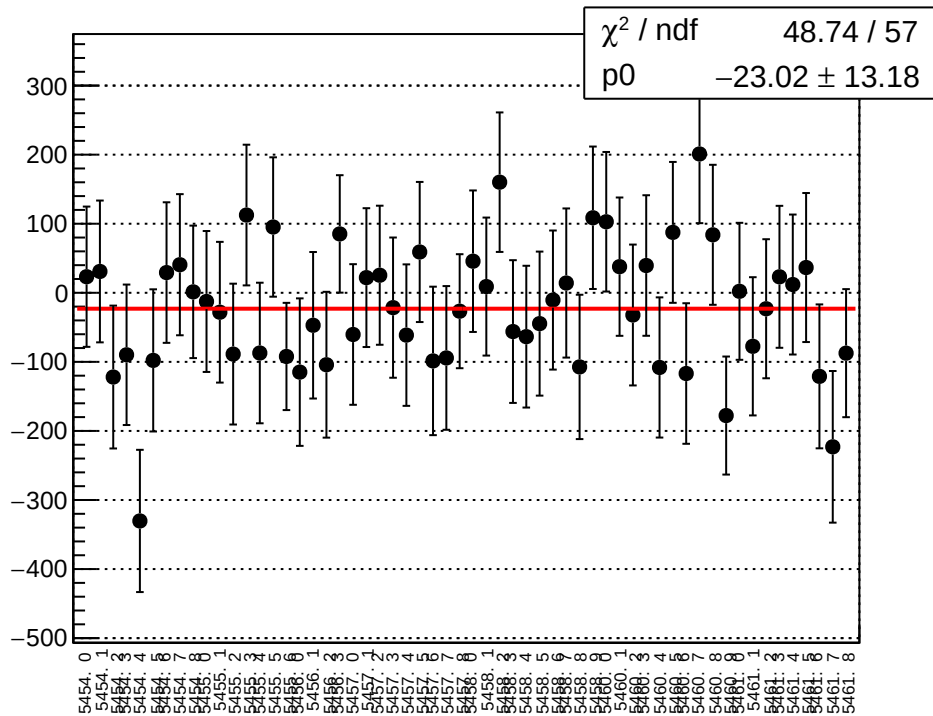
asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_avg\_mean vs run



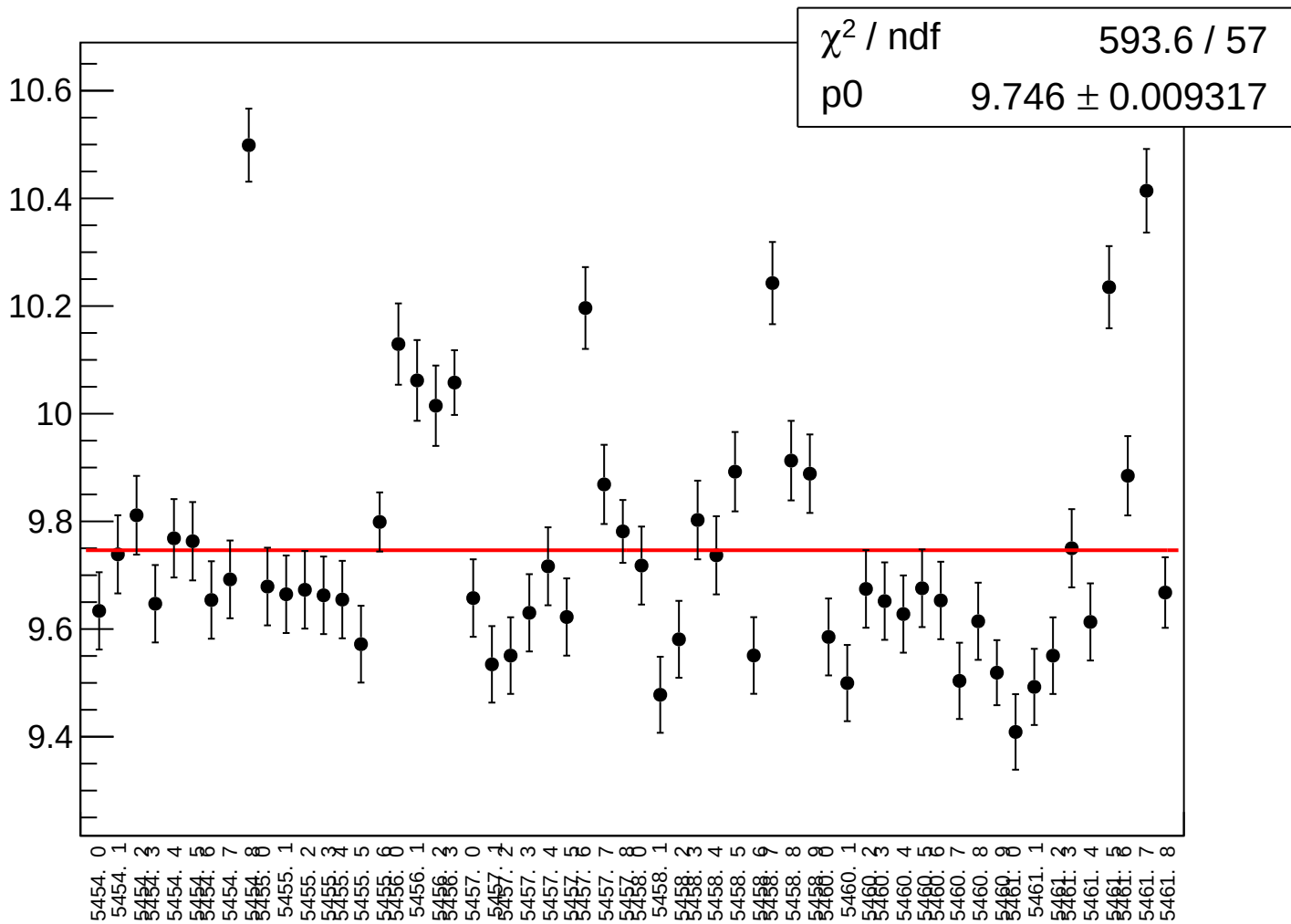
asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_avg\_rms vs run



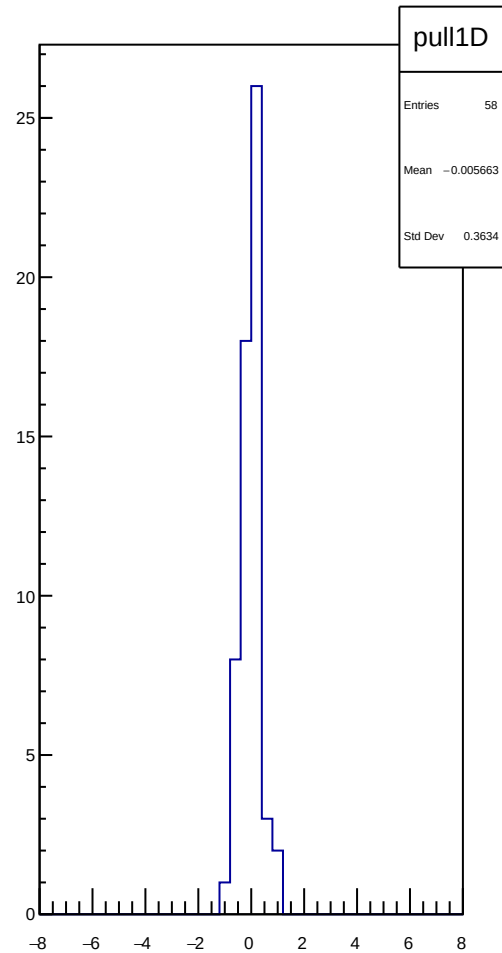
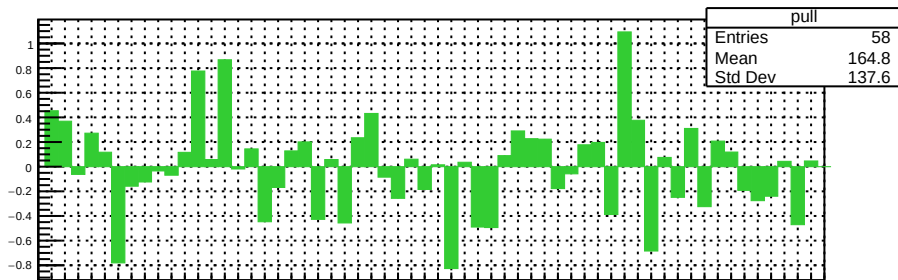
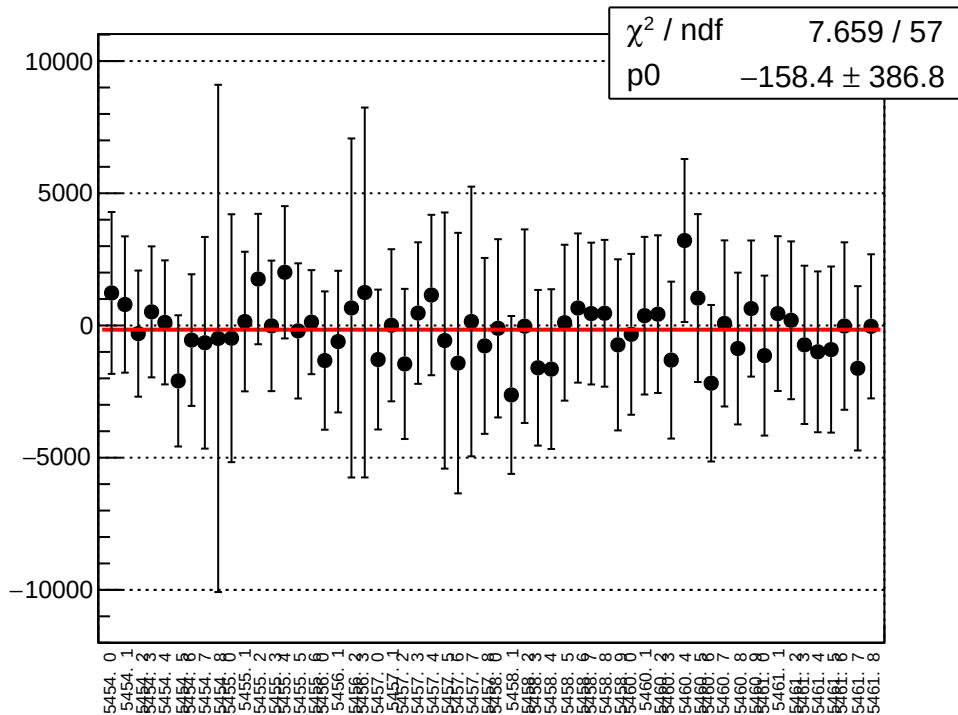
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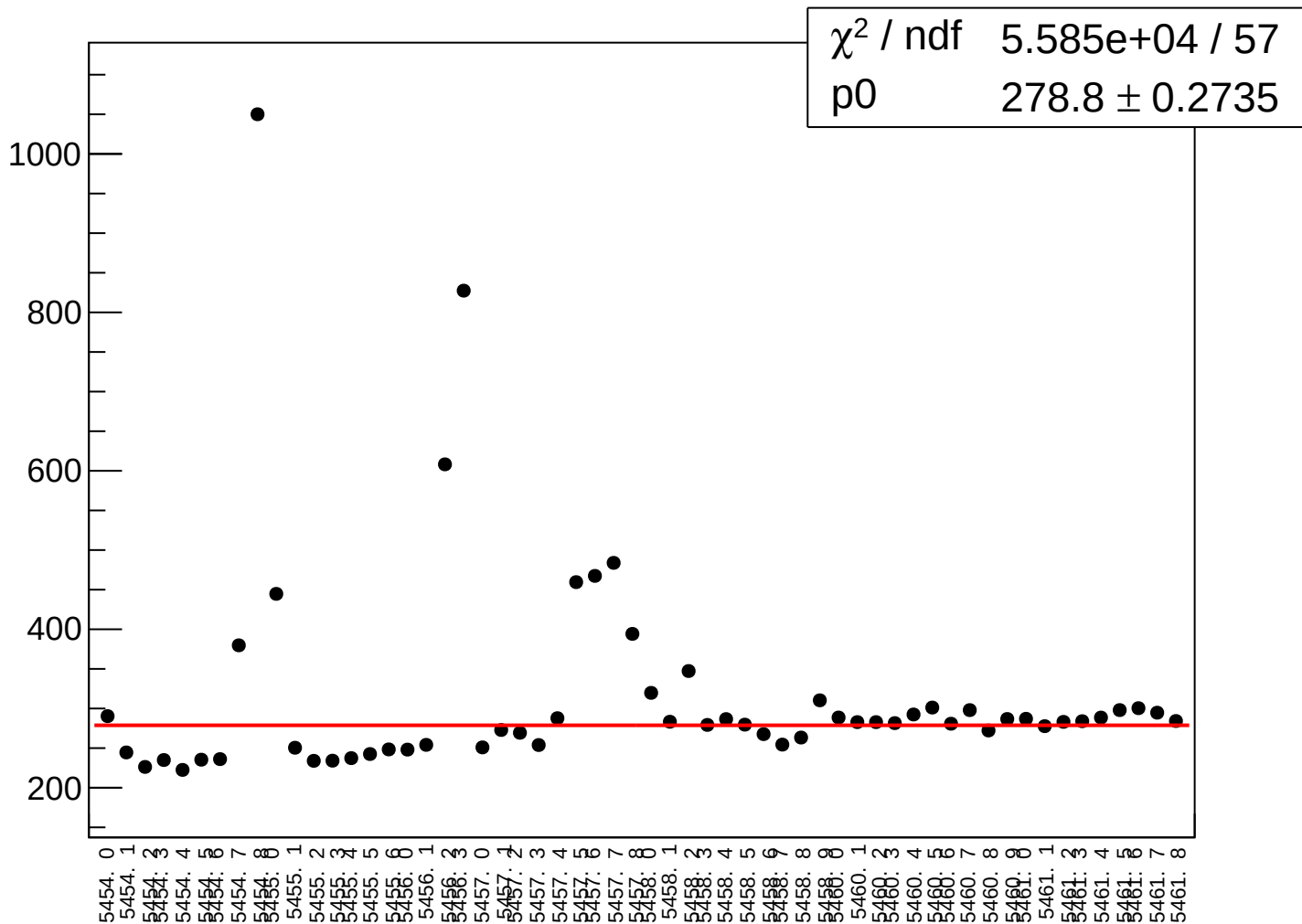
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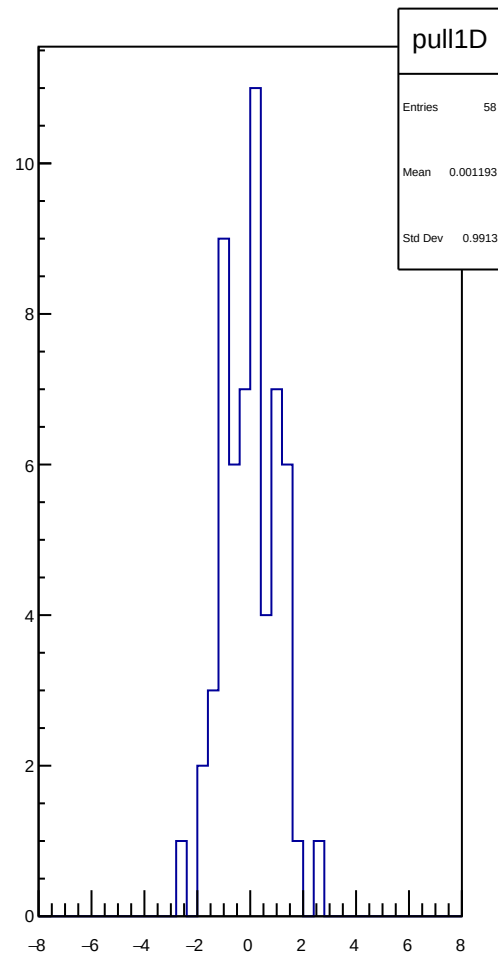
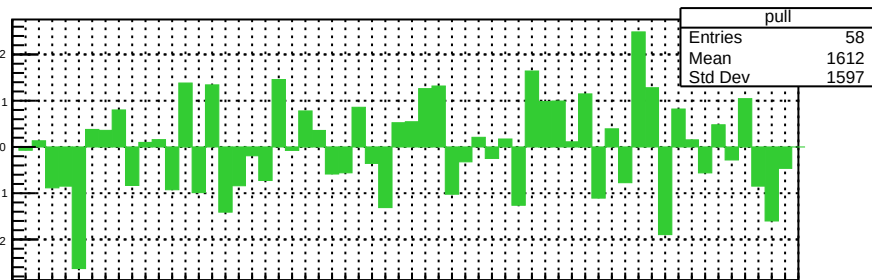
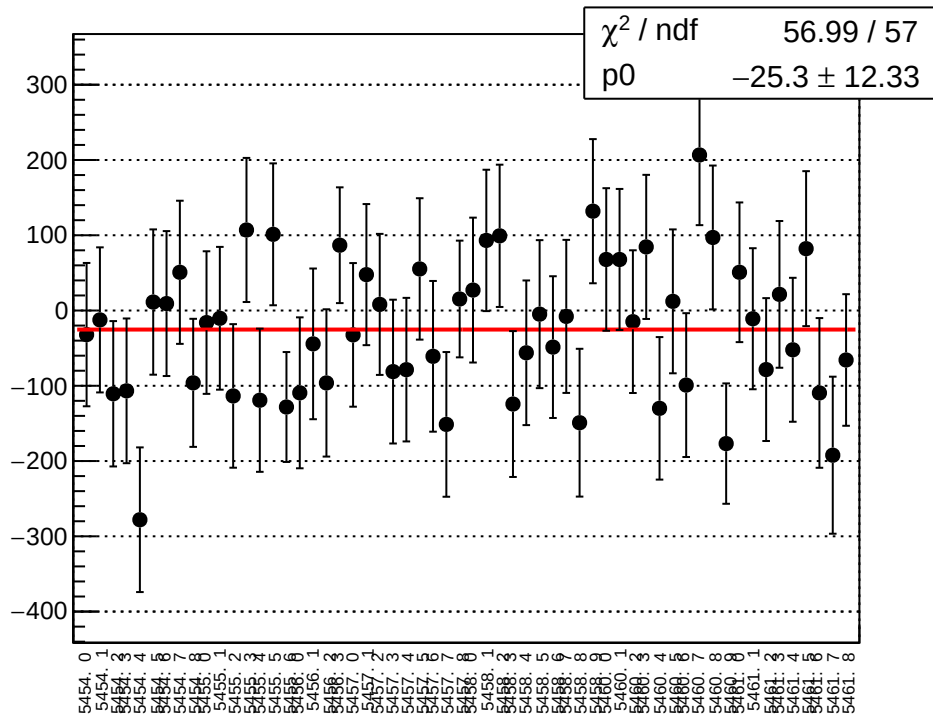
asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_avg\_mean vs run



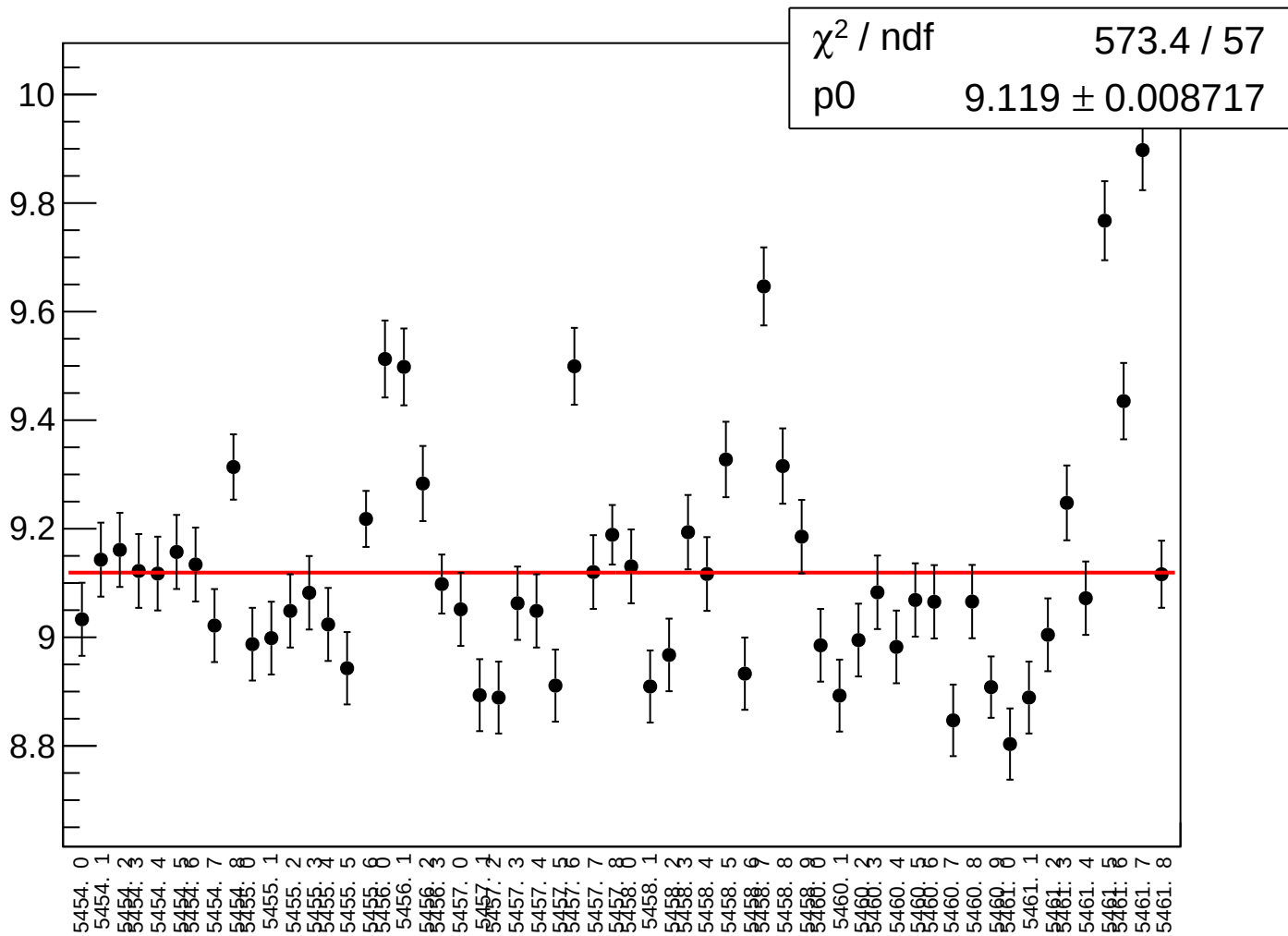
asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_avg\_rms vs run



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

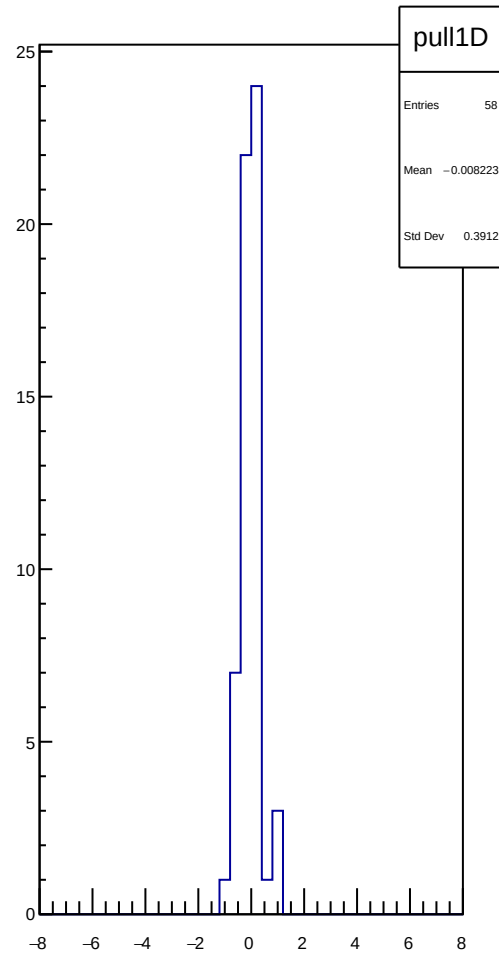
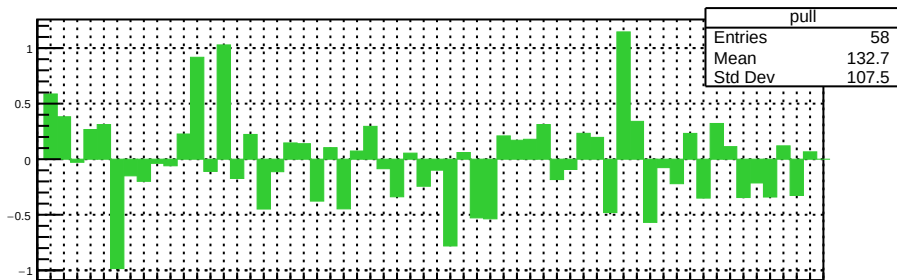
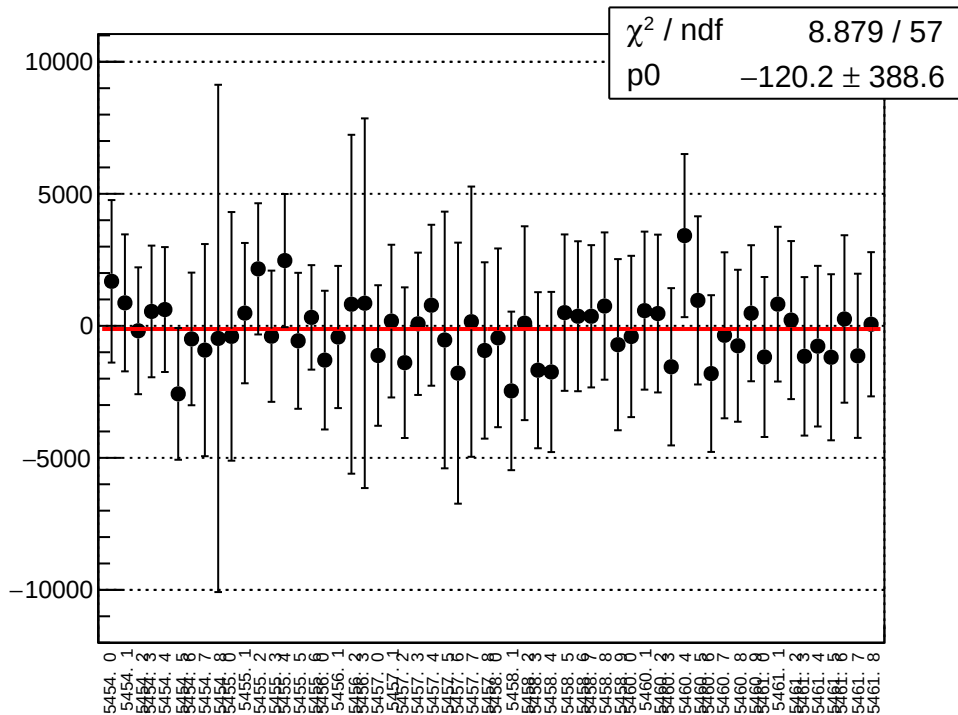


asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_dd\_rms vs run

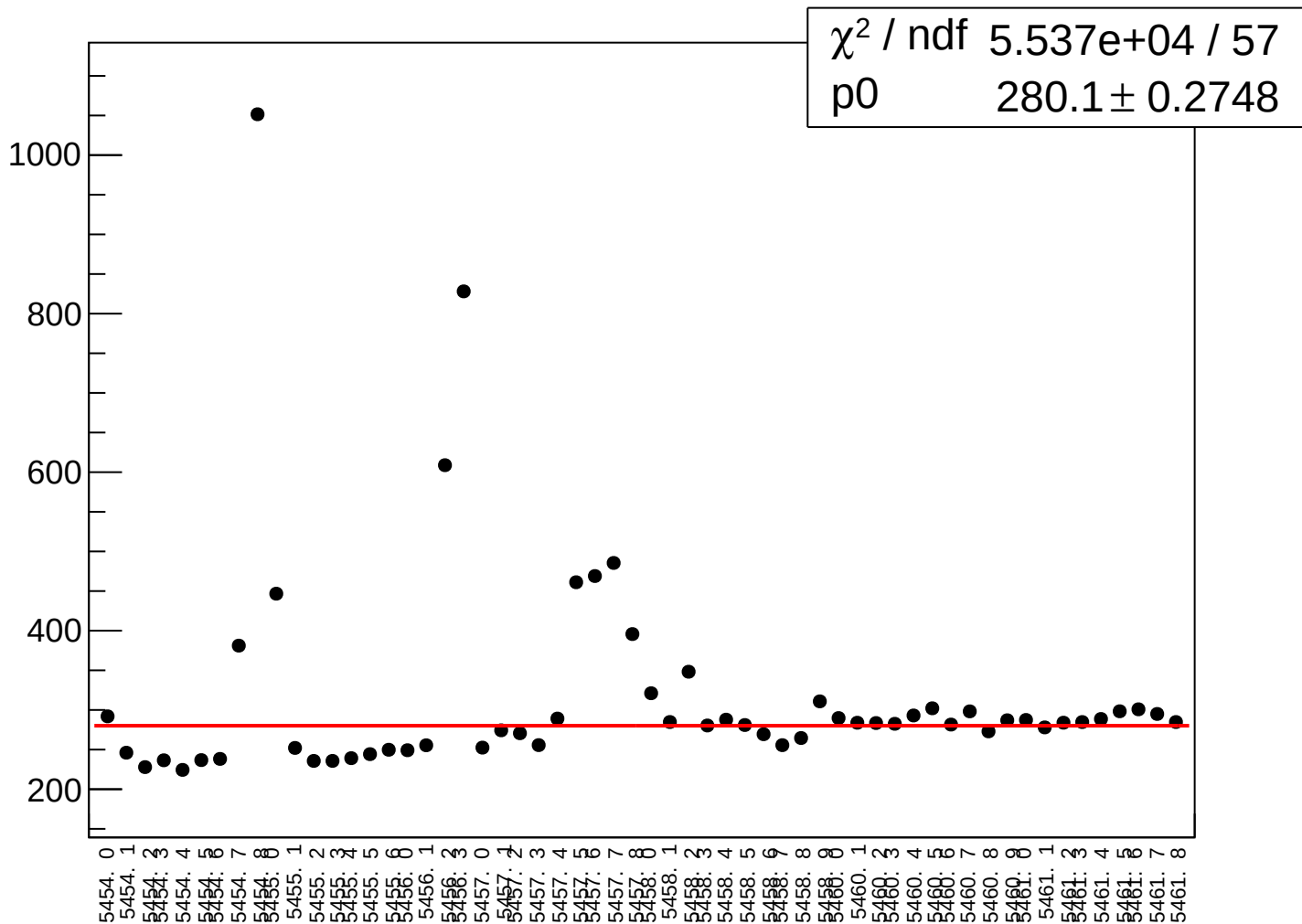




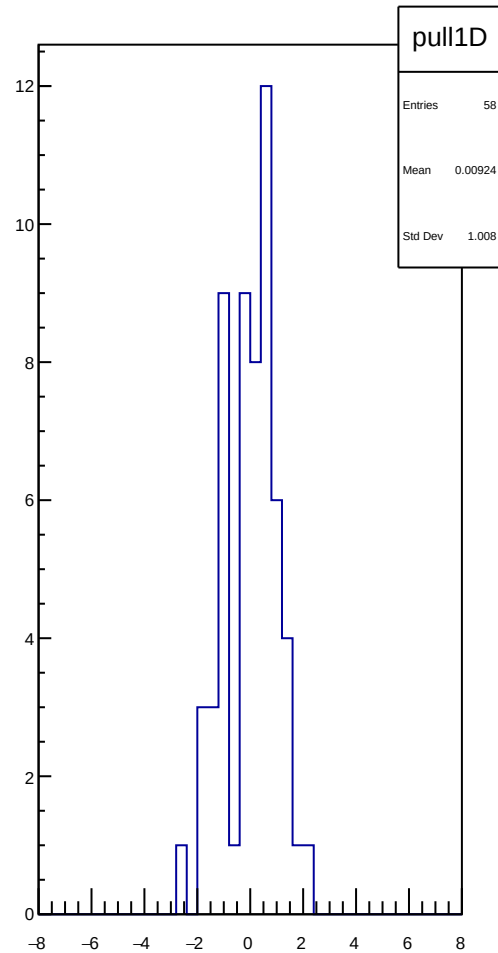
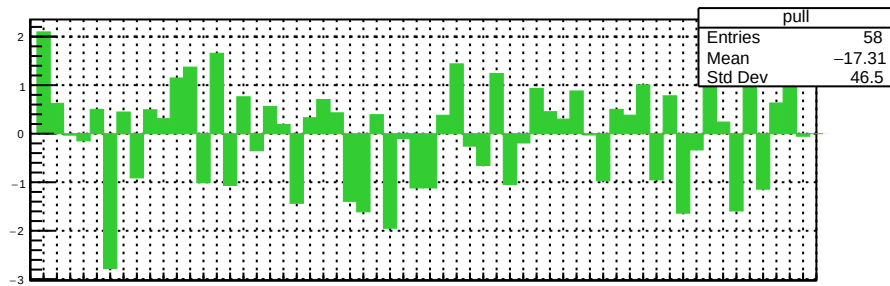
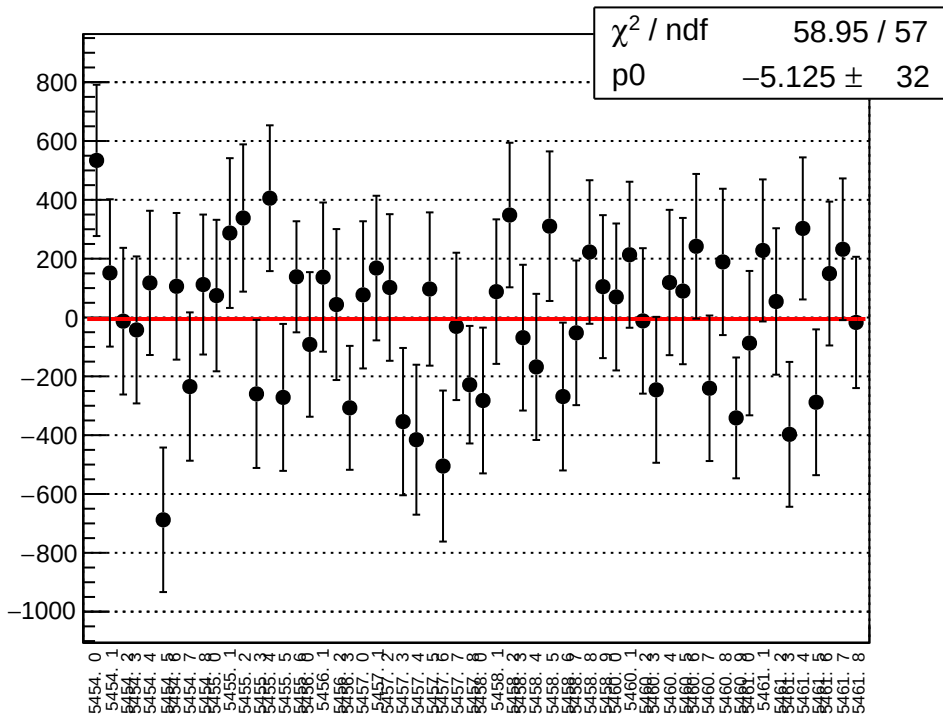
asym\_bcm\_dg\_us\_bcm\_an\_ds\_agg\_avg\_mean vs run



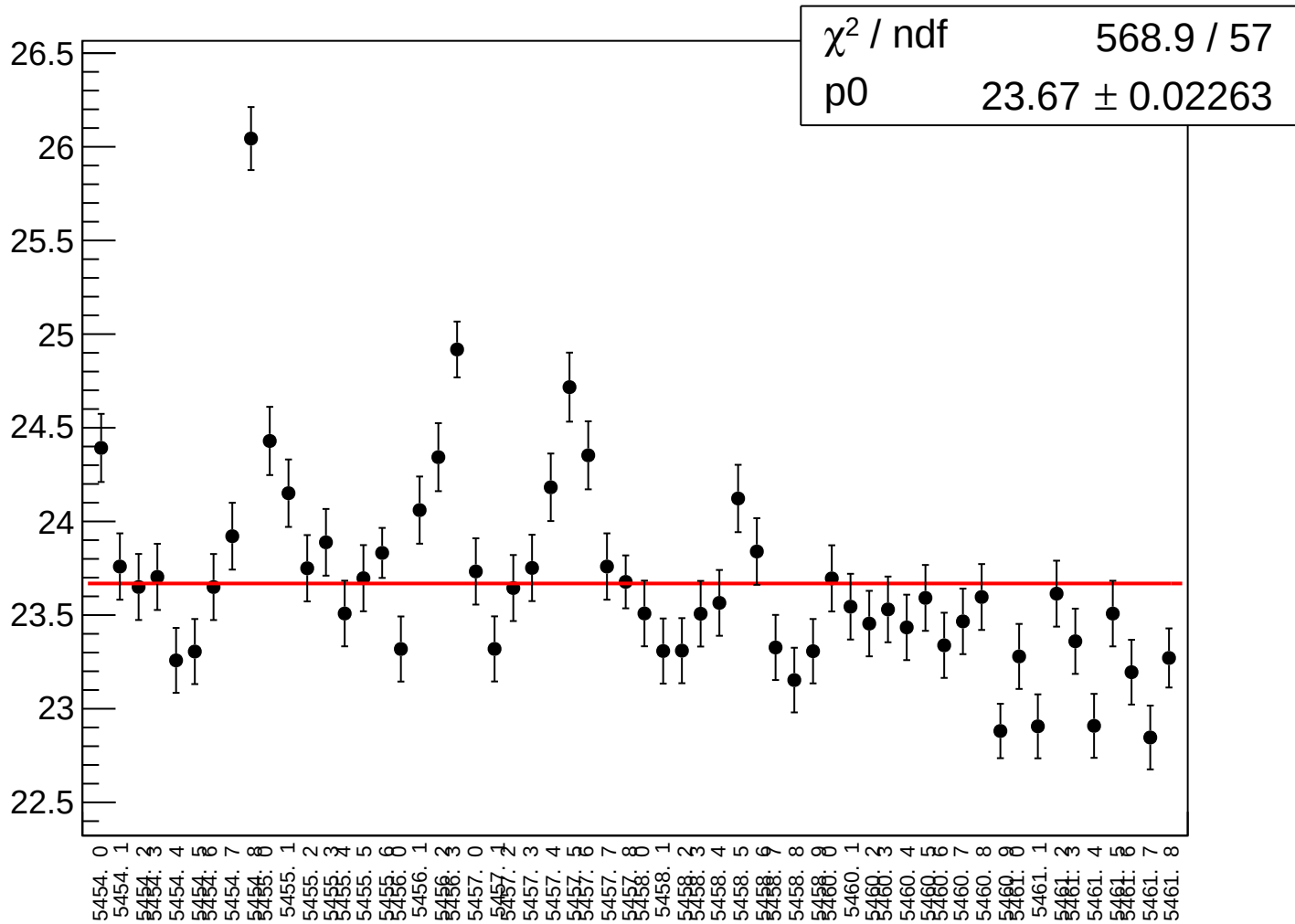
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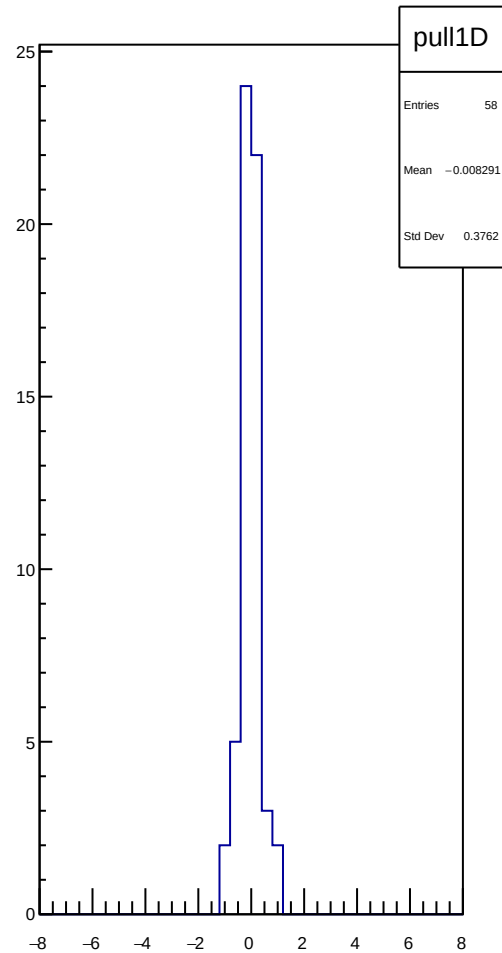
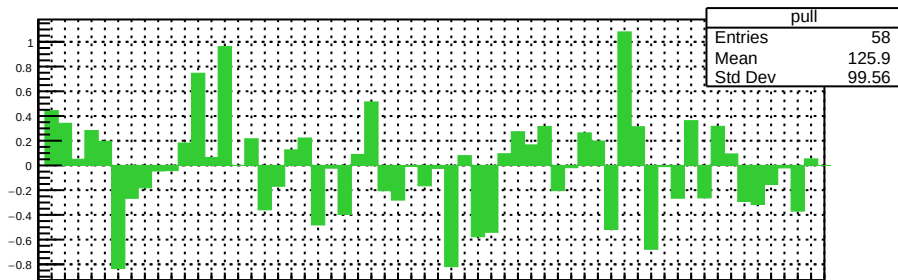
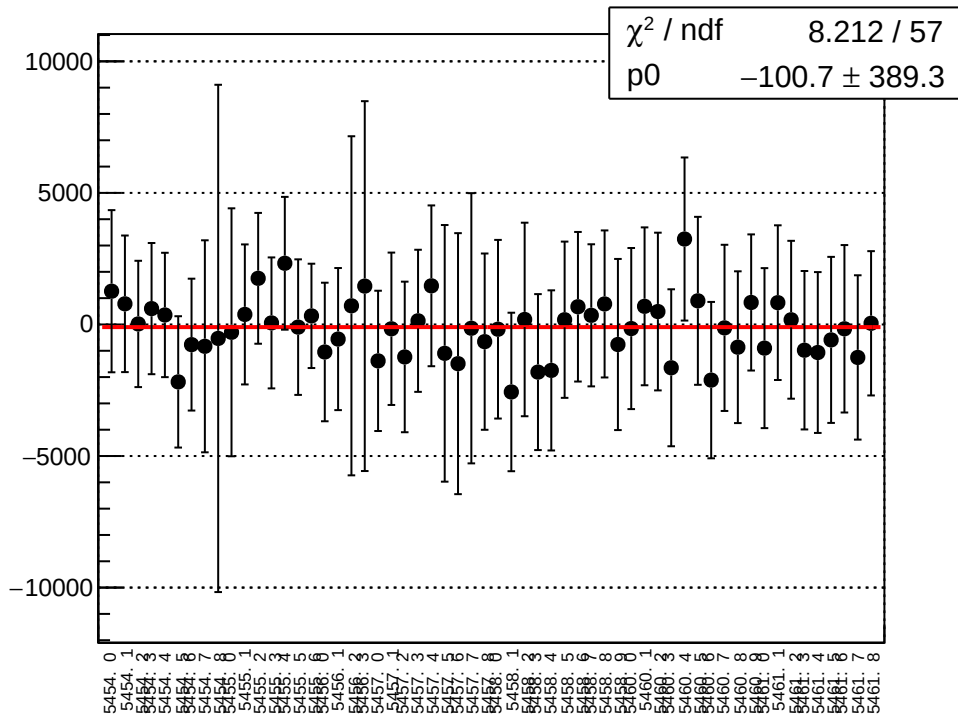
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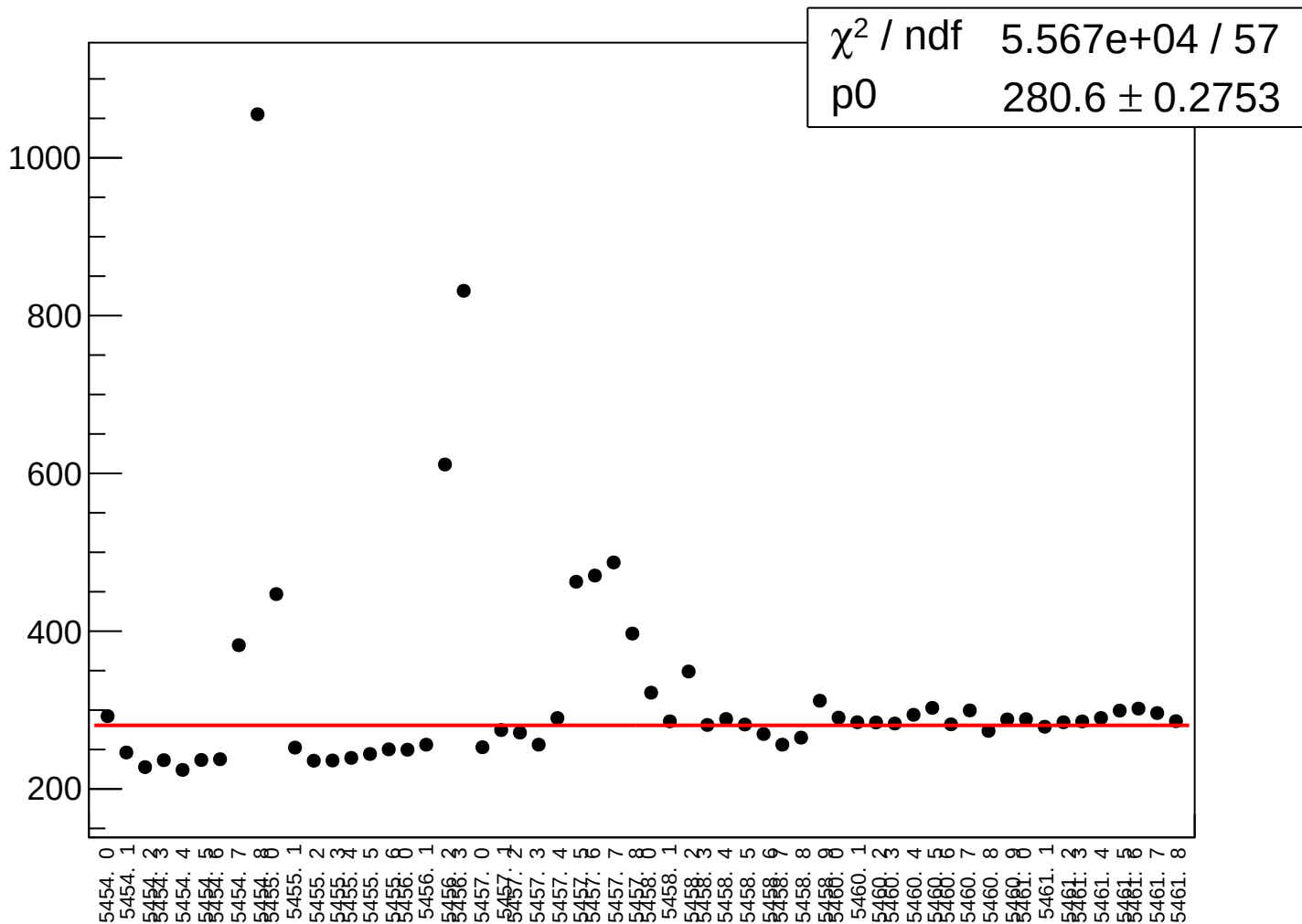
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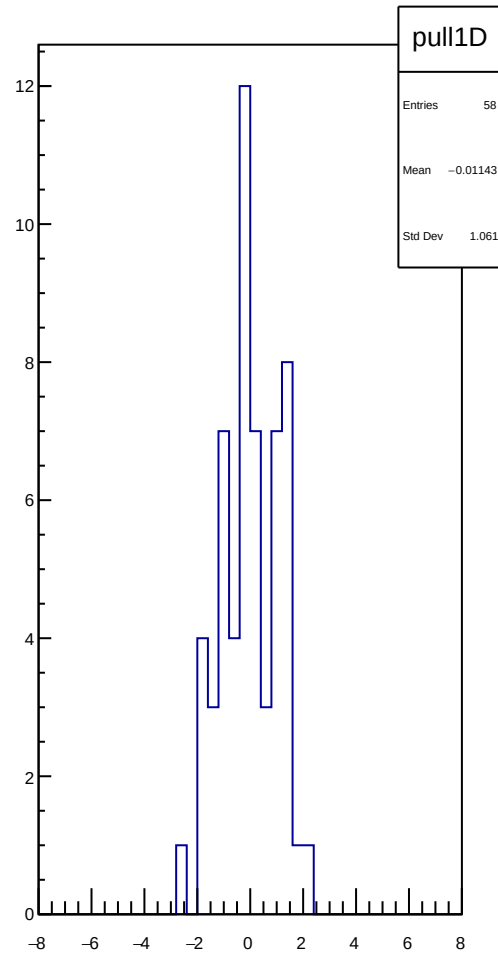
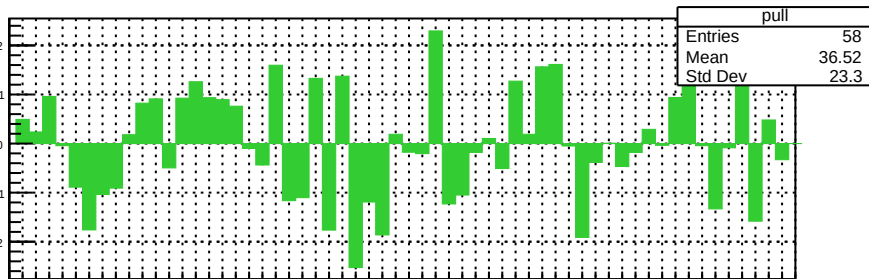
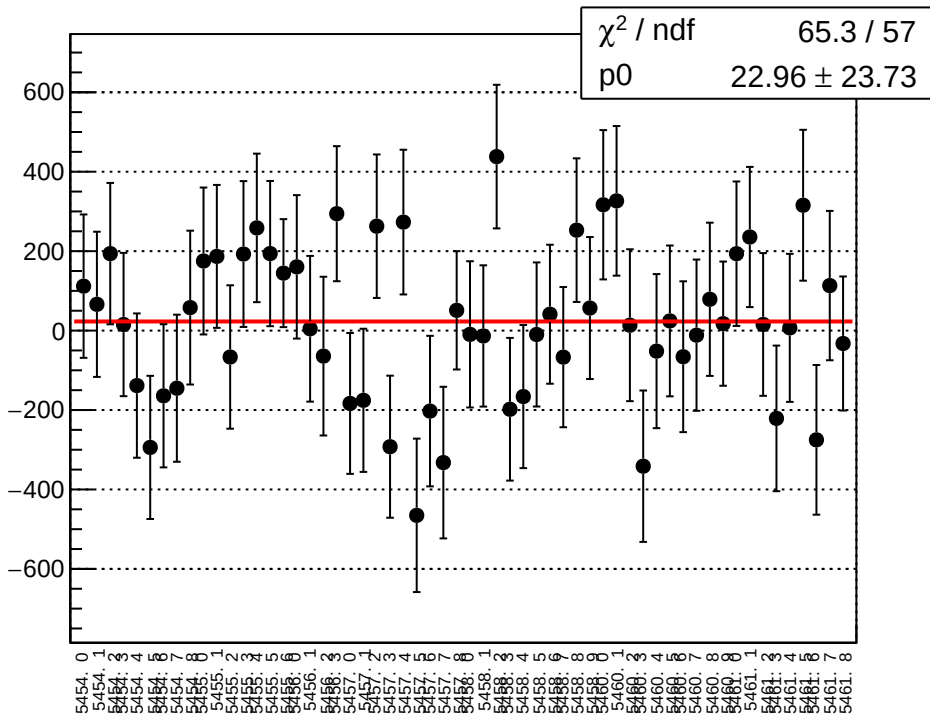
asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_avg\_mean vs run



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



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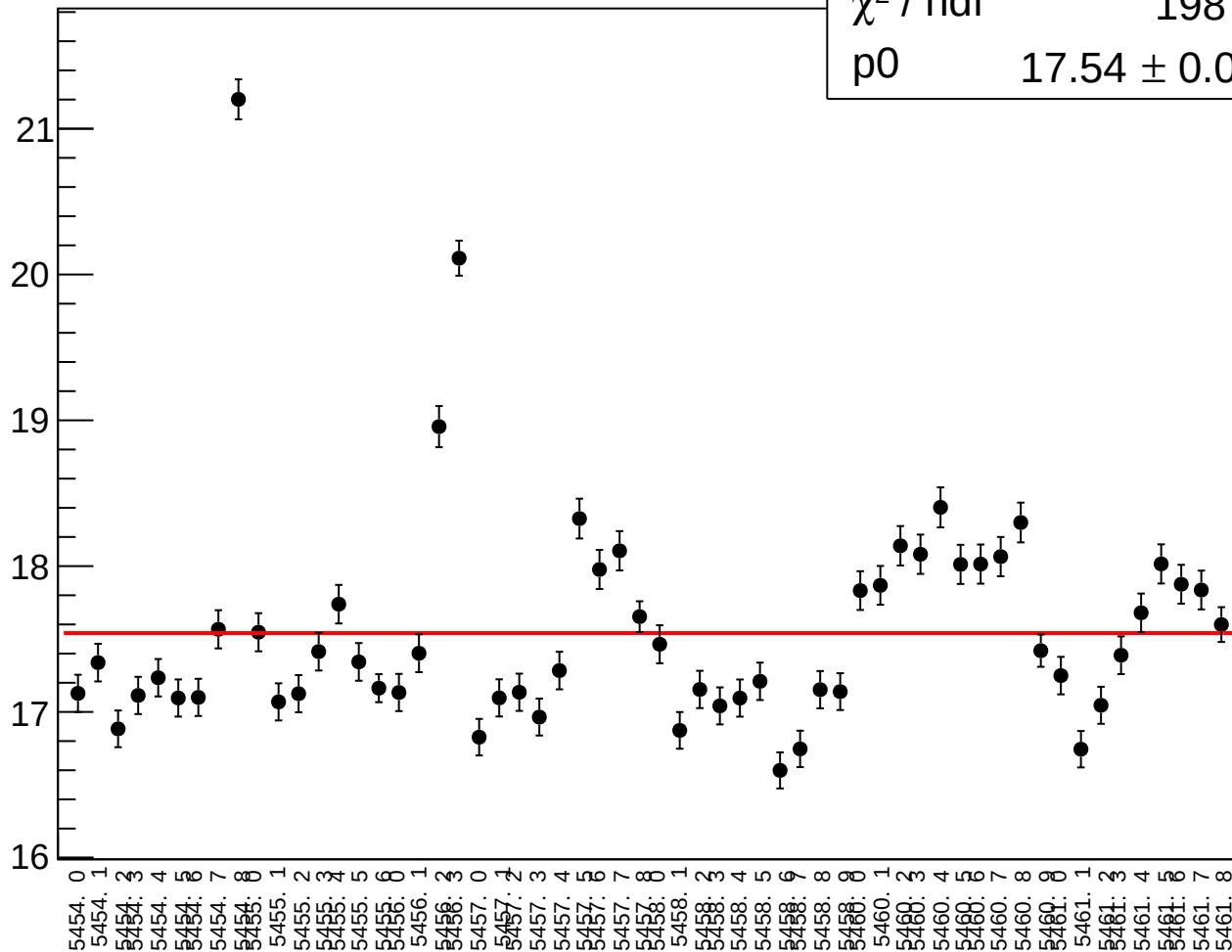
asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_dd\_rms vs run

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1987 / 57

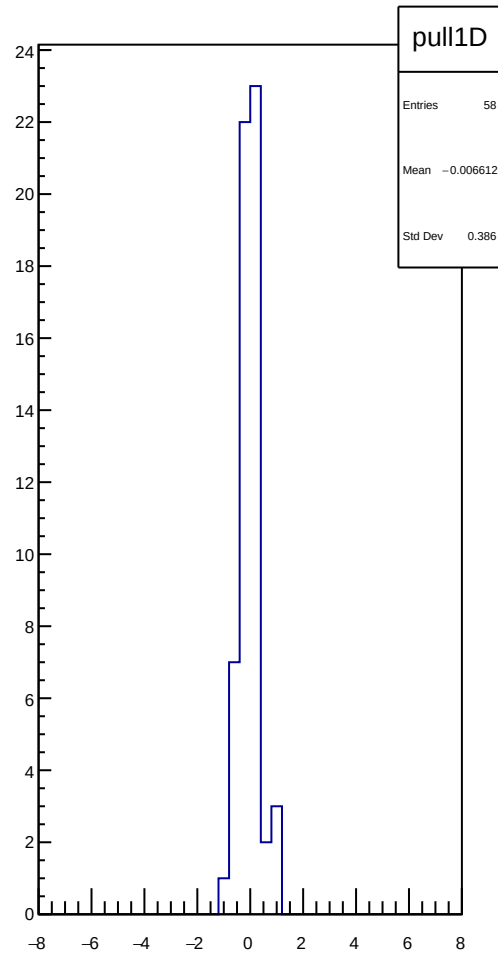
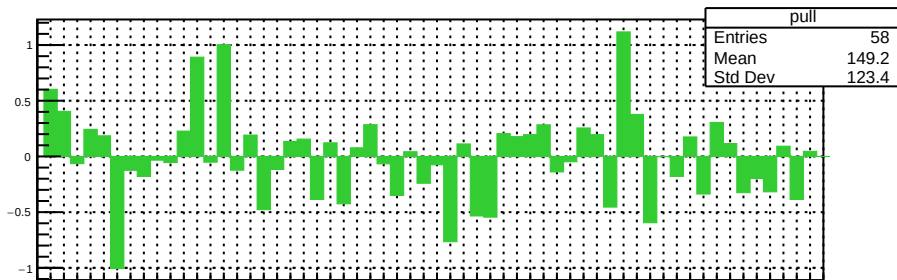
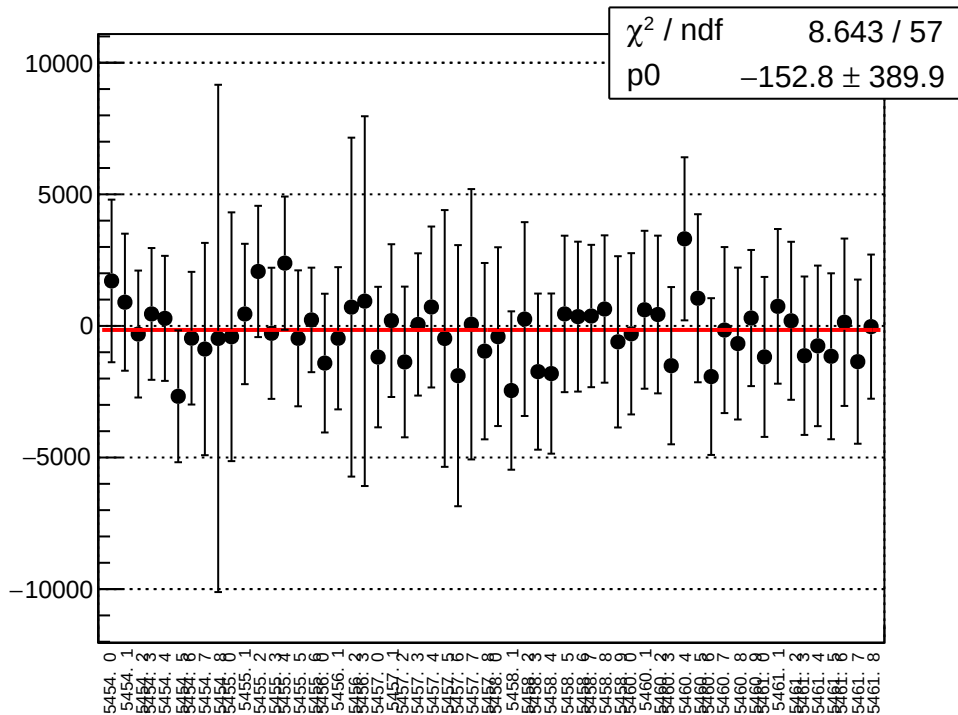
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$17.54 \pm 0.01678$

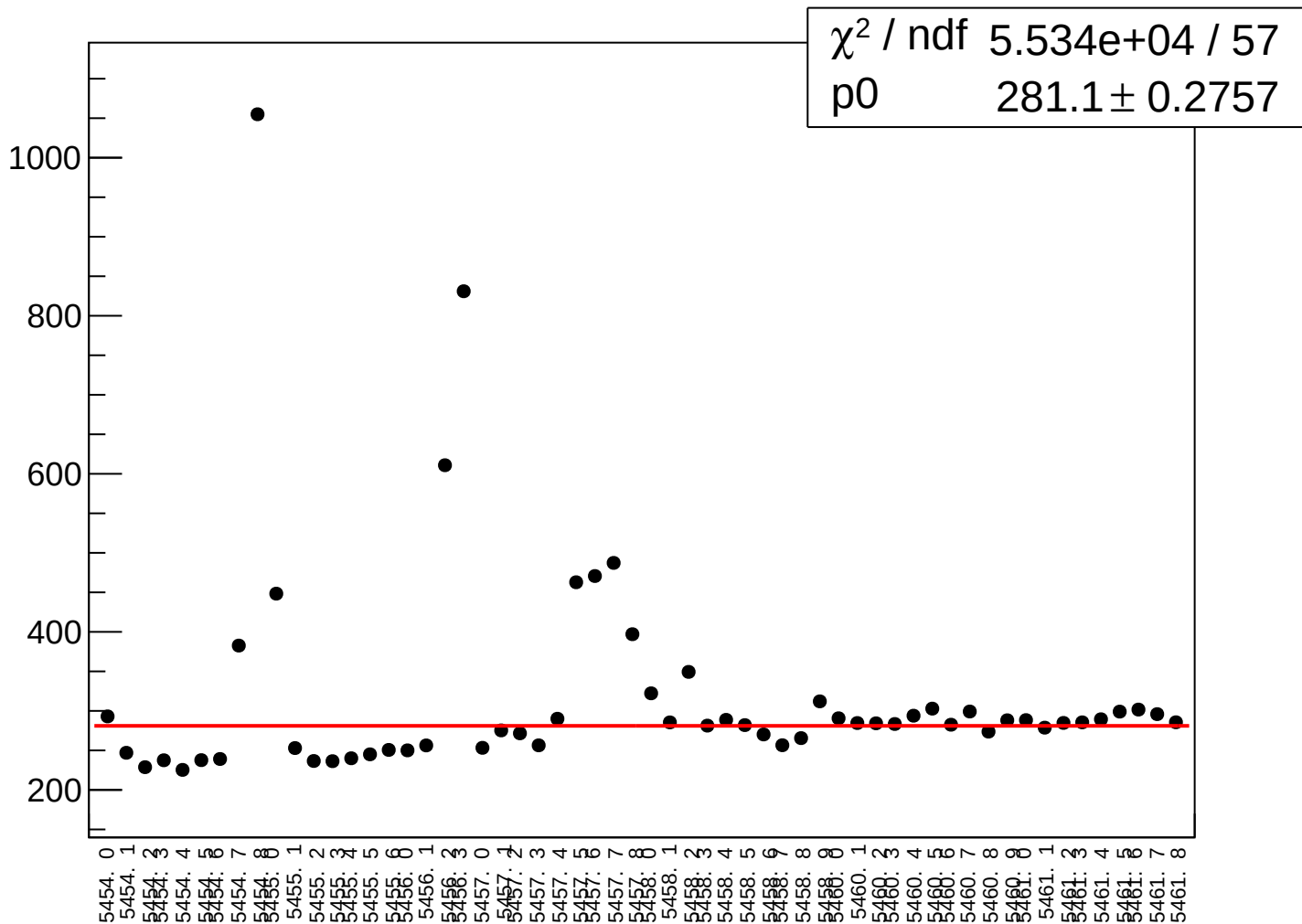




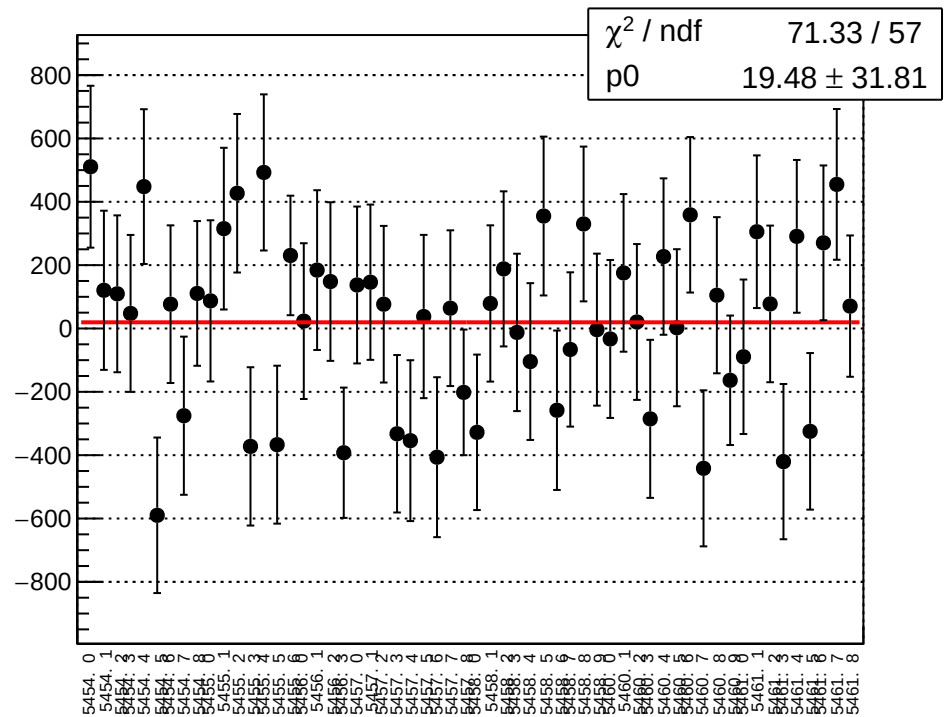
asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_avg\_mean vs run



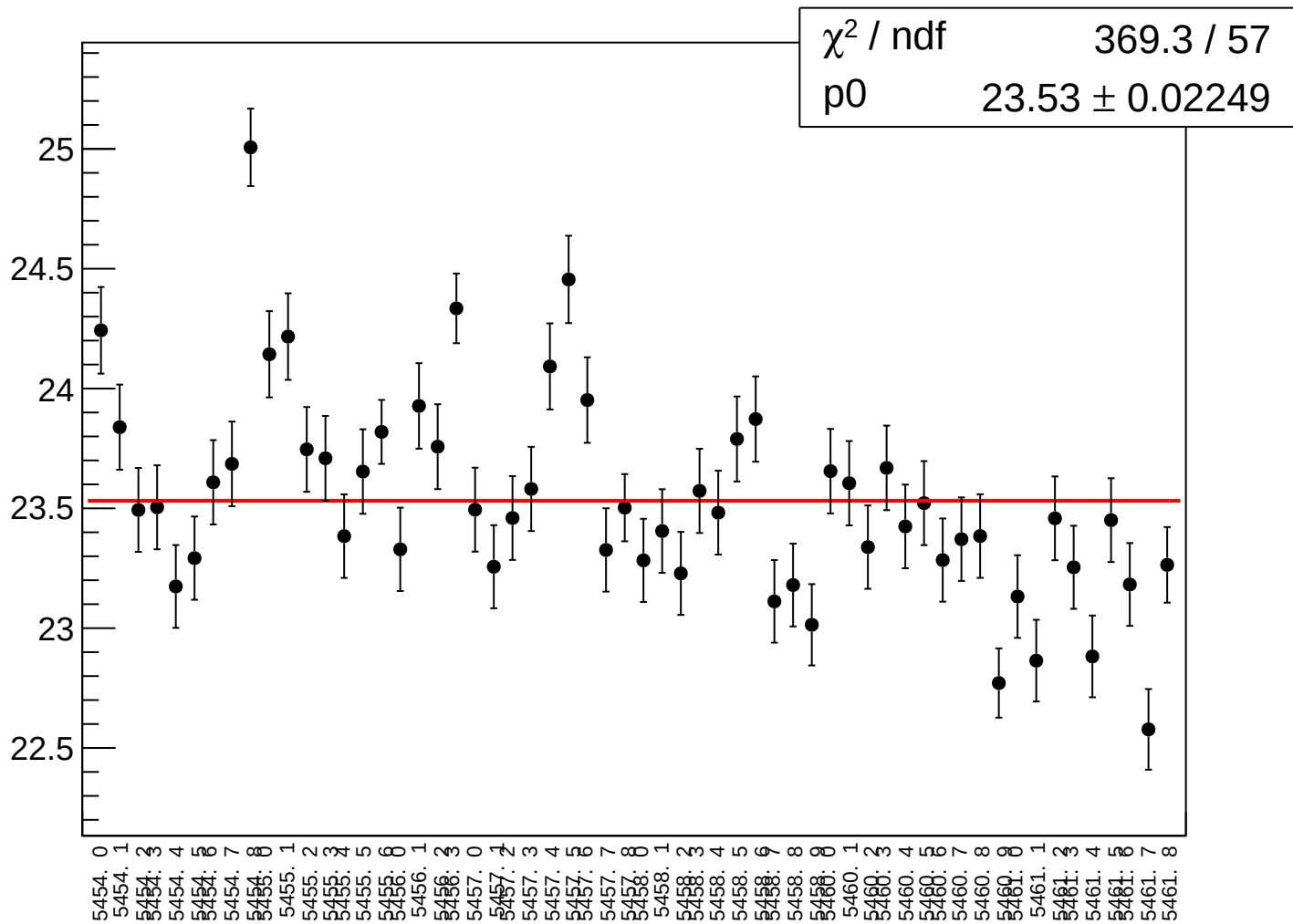
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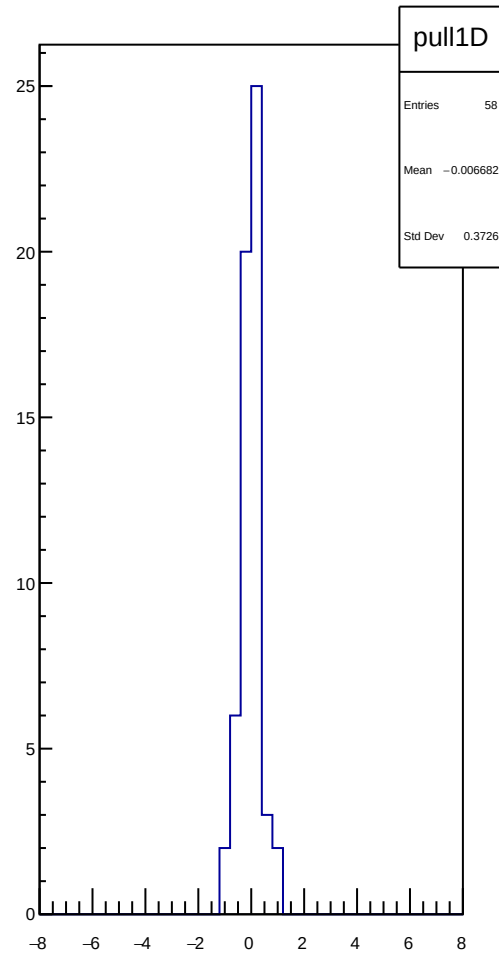
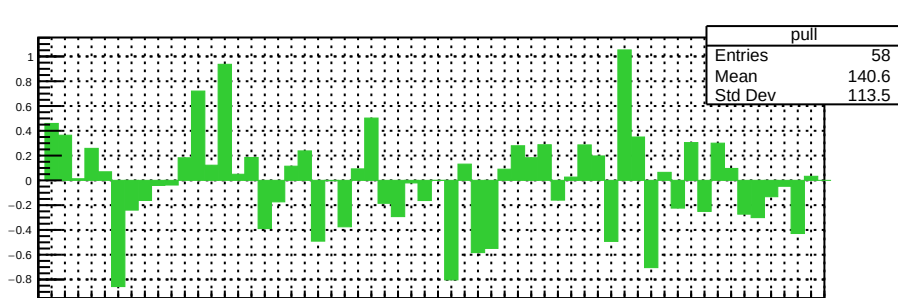
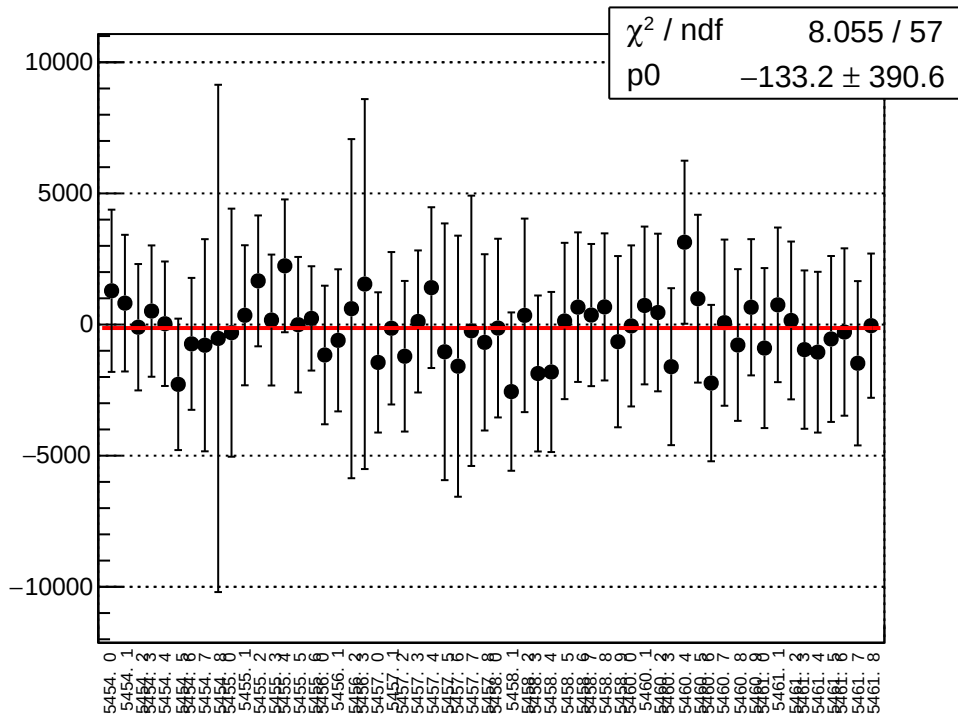
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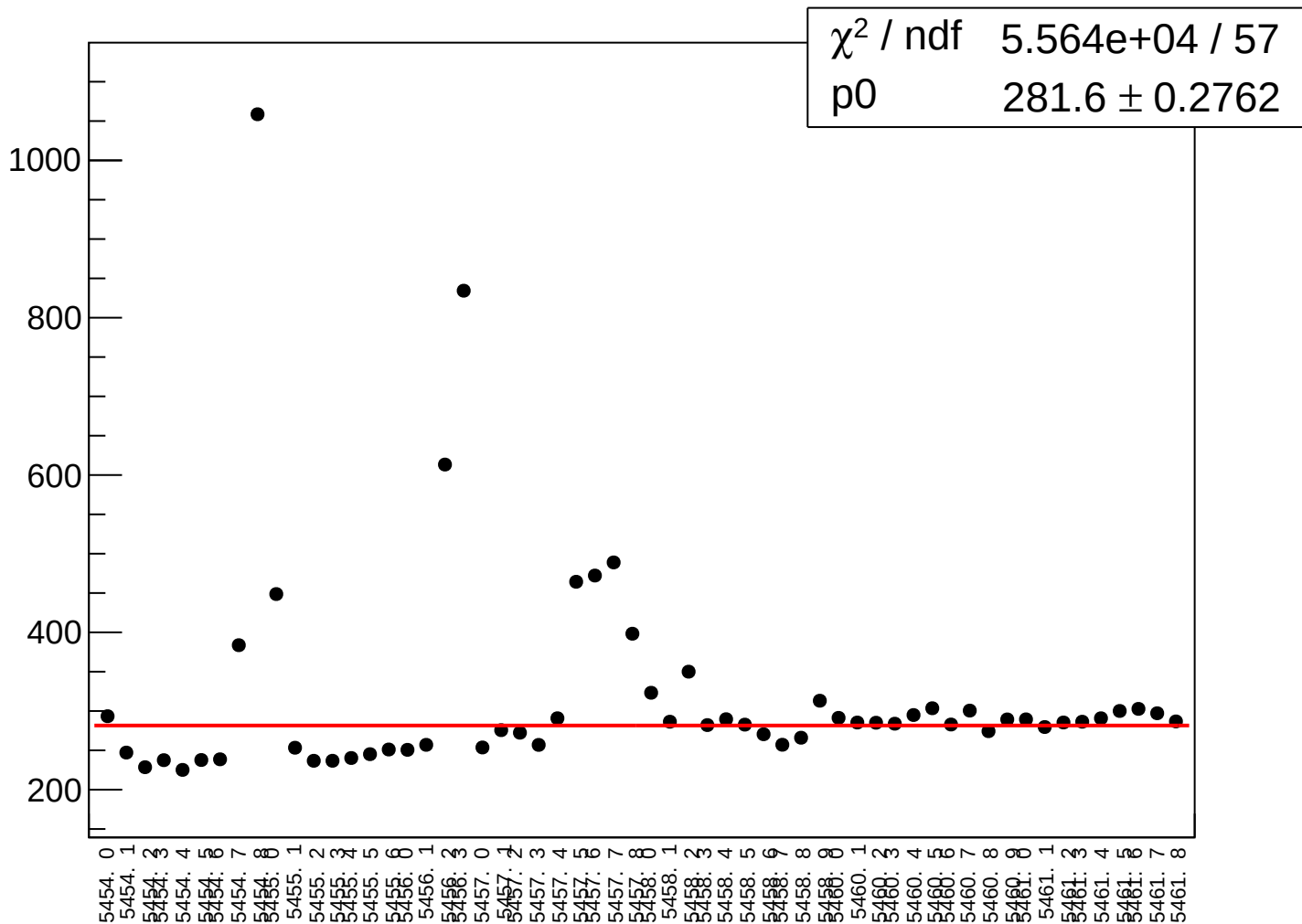
asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_dd\_rms vs run



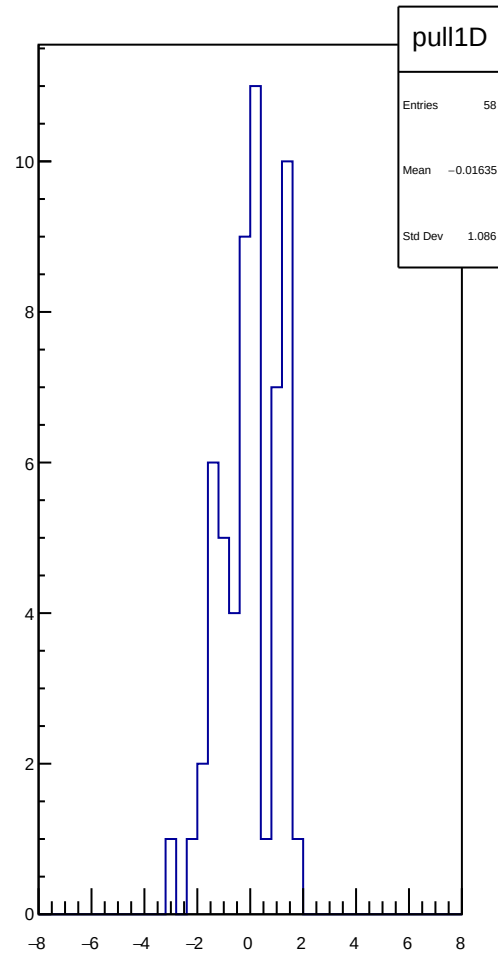
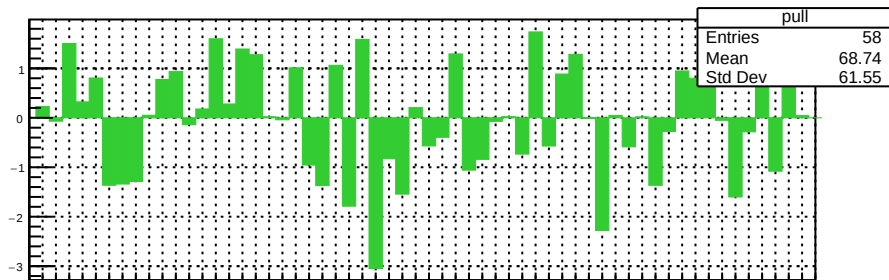
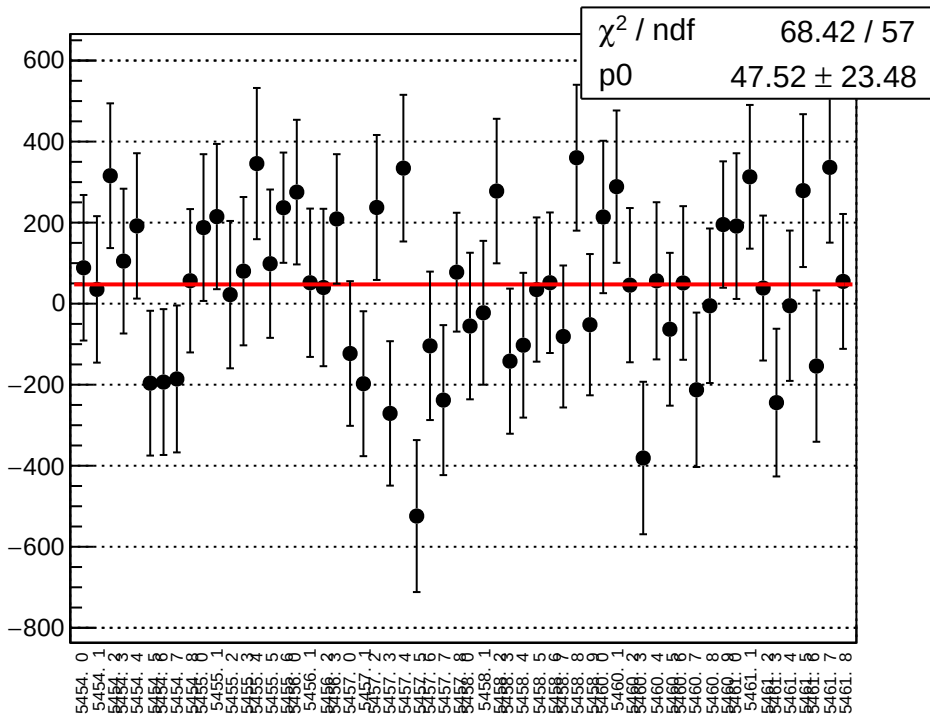
asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_avg\_mean vs run



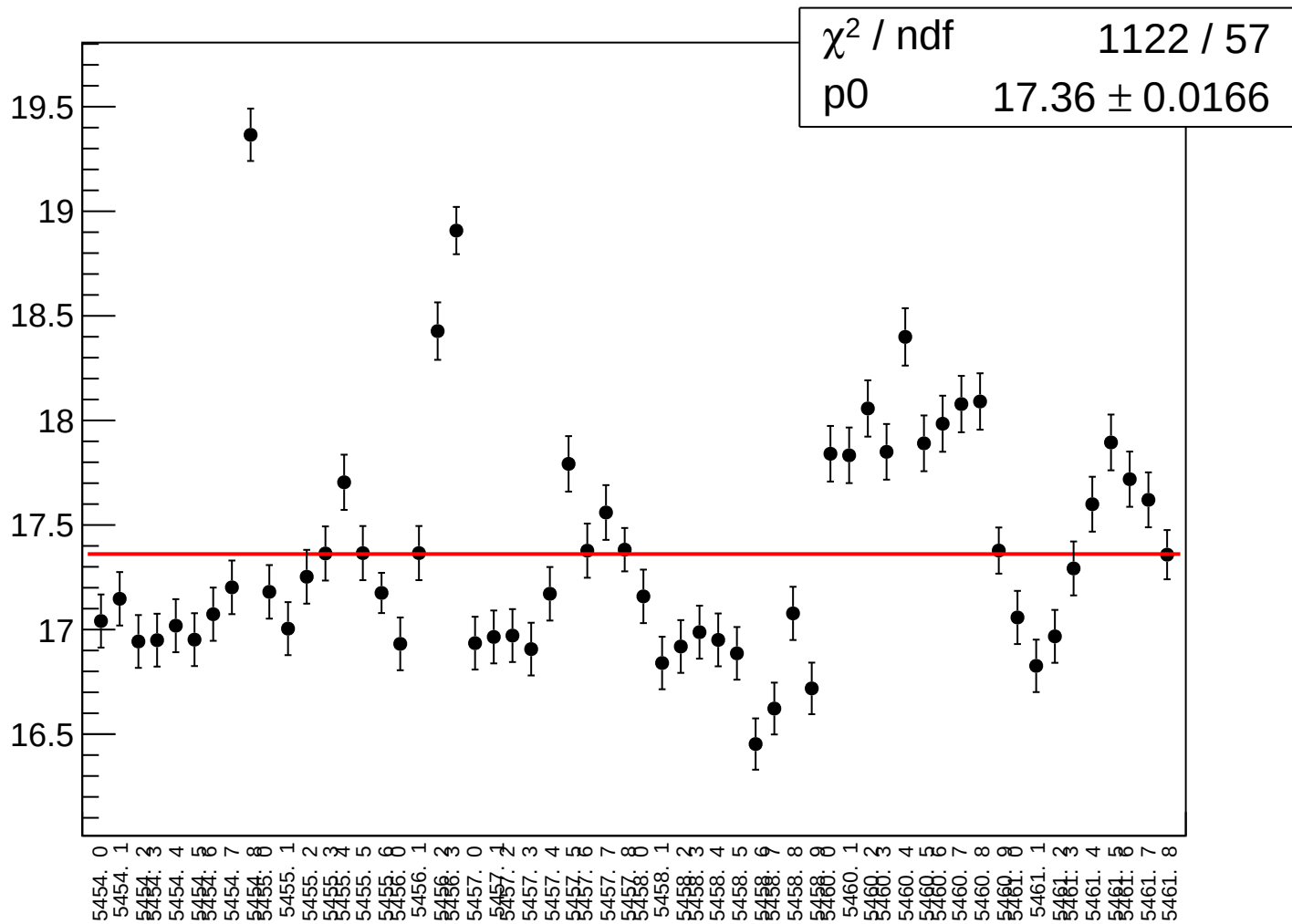
asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_avg\_rms vs run



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

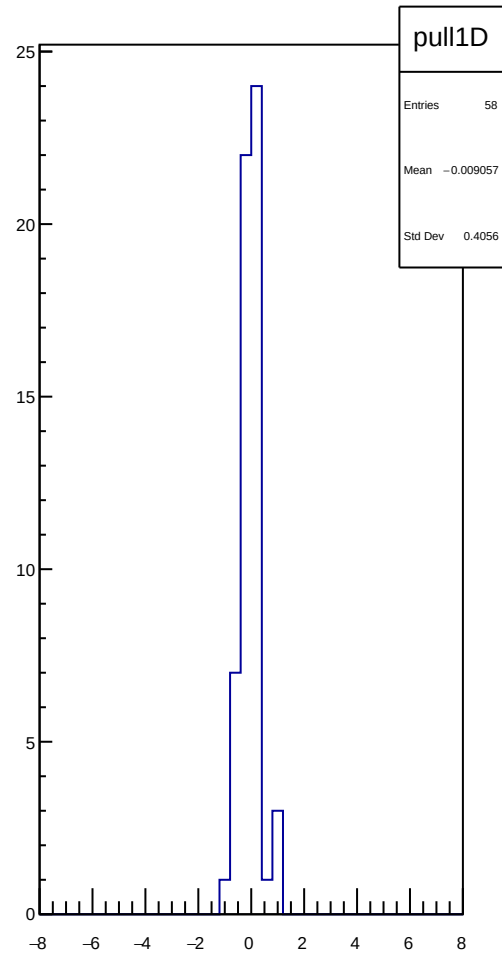
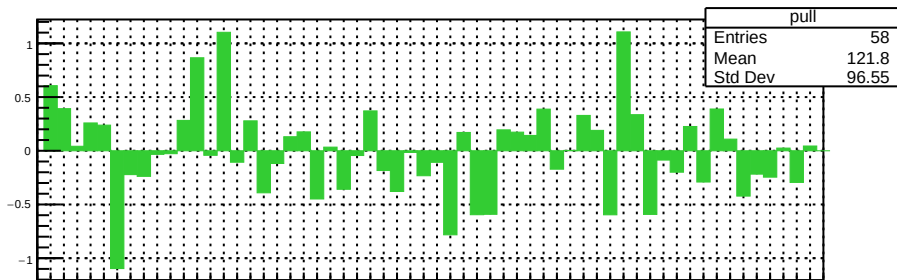
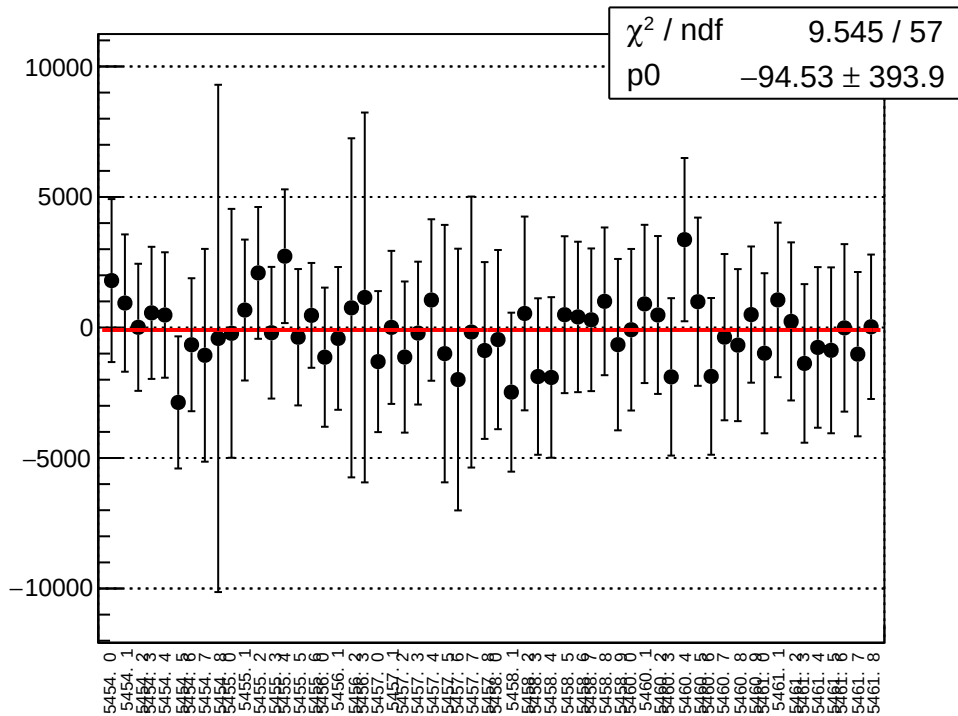


asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_dd\_rms vs run

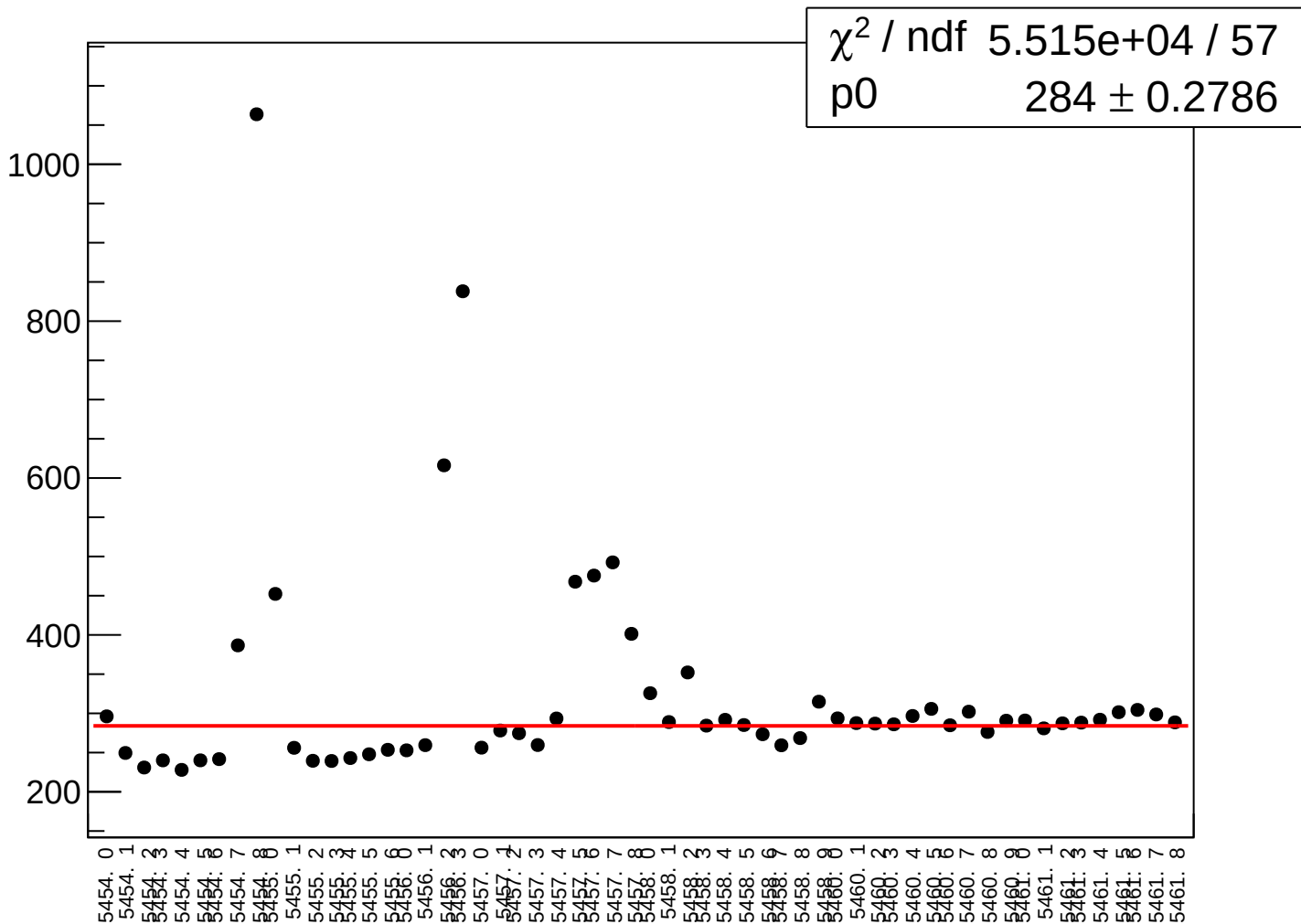




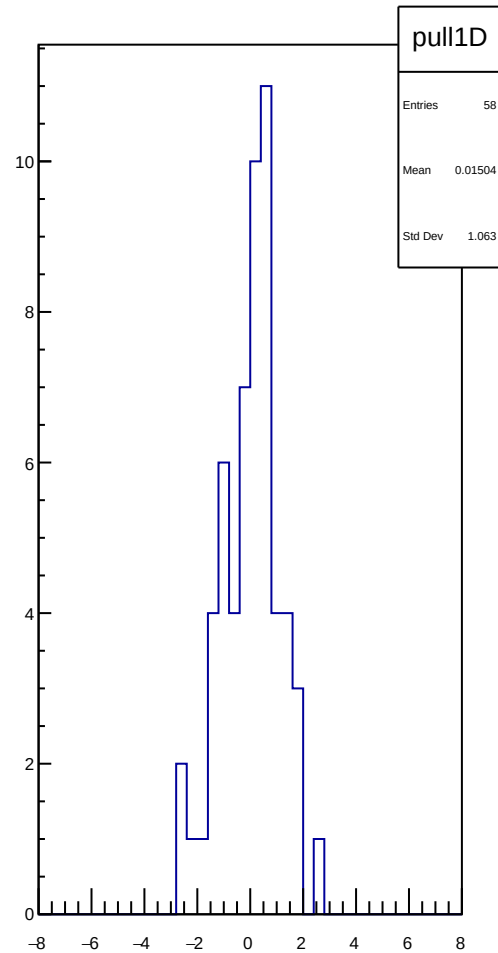
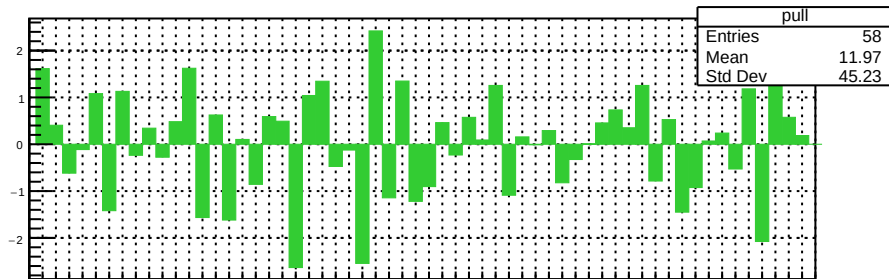
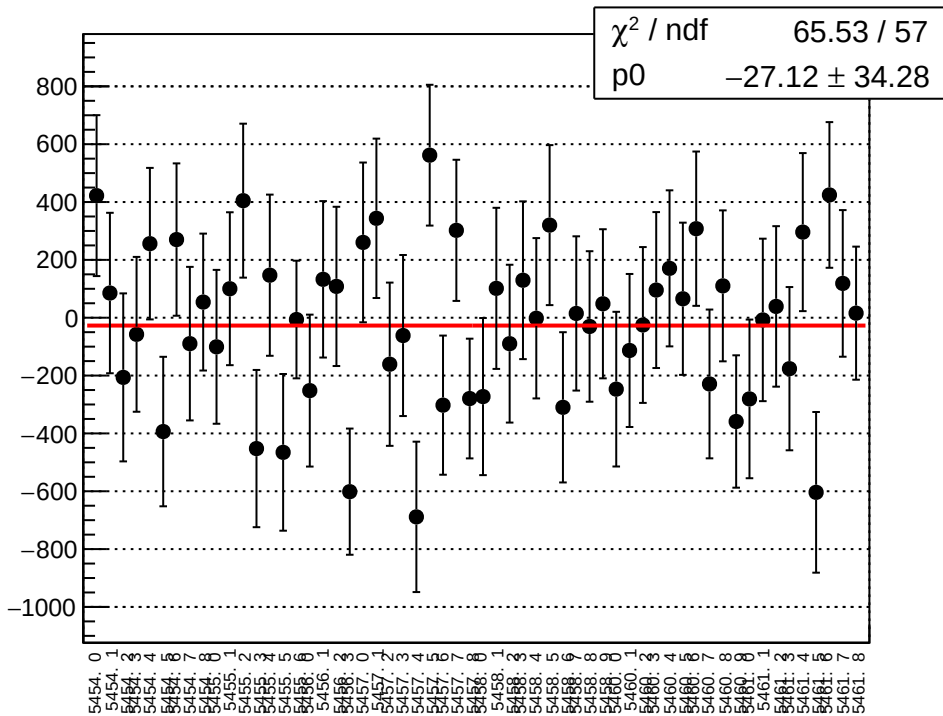
asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_avg\_mean vs run



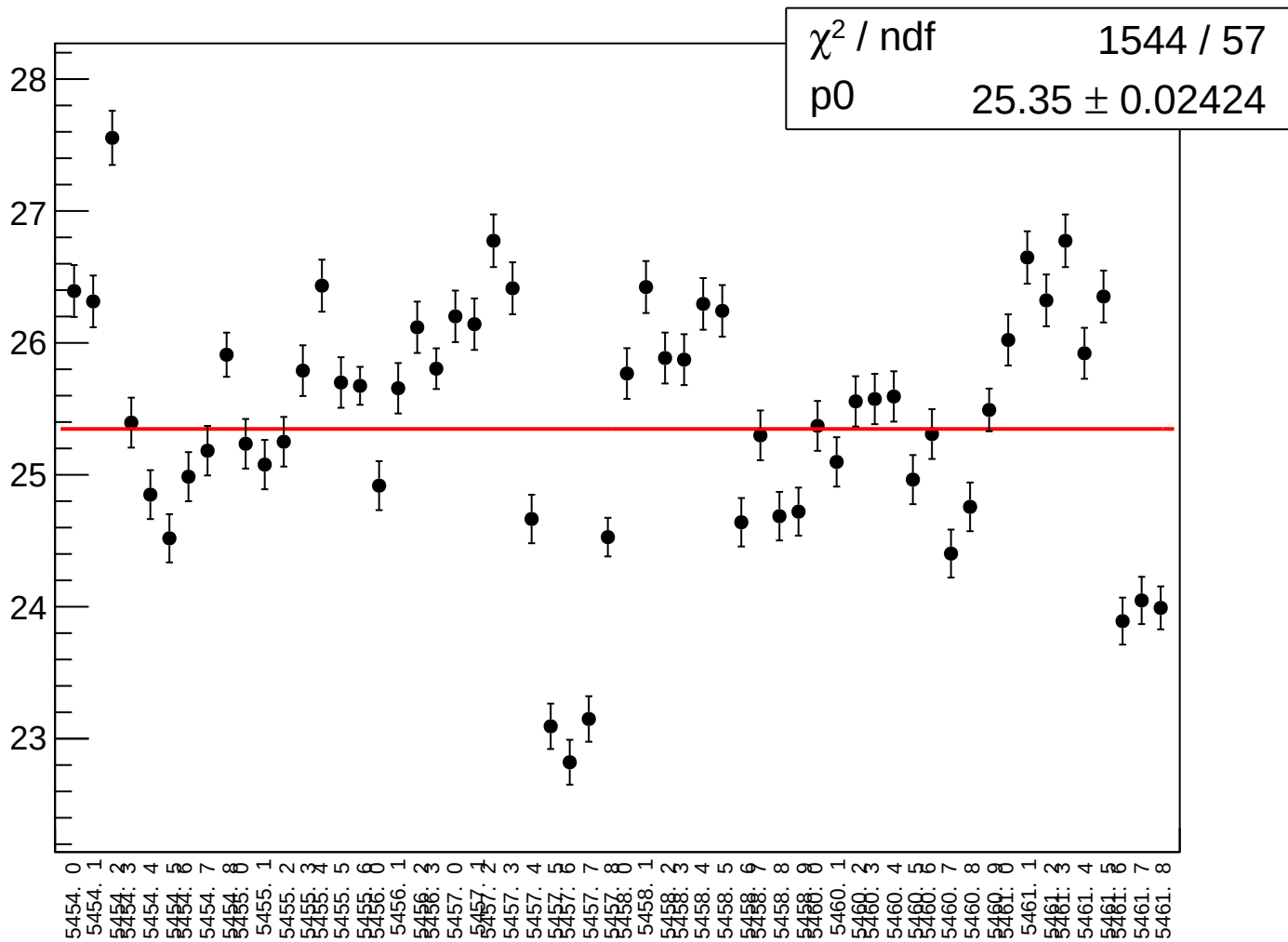
asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_avg\_rms vs run



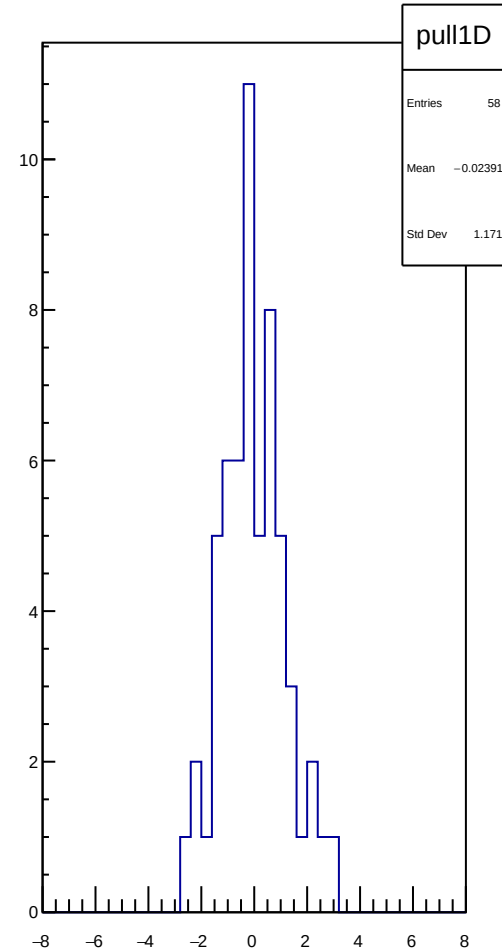
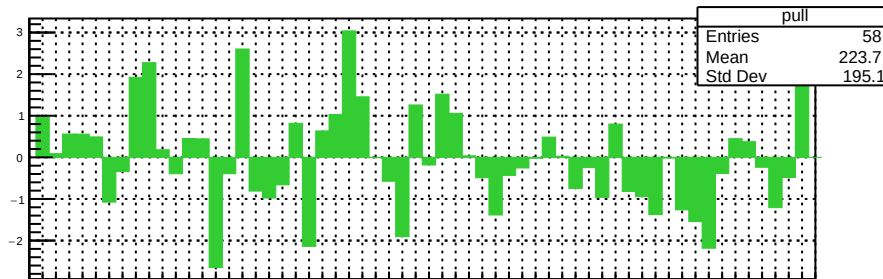
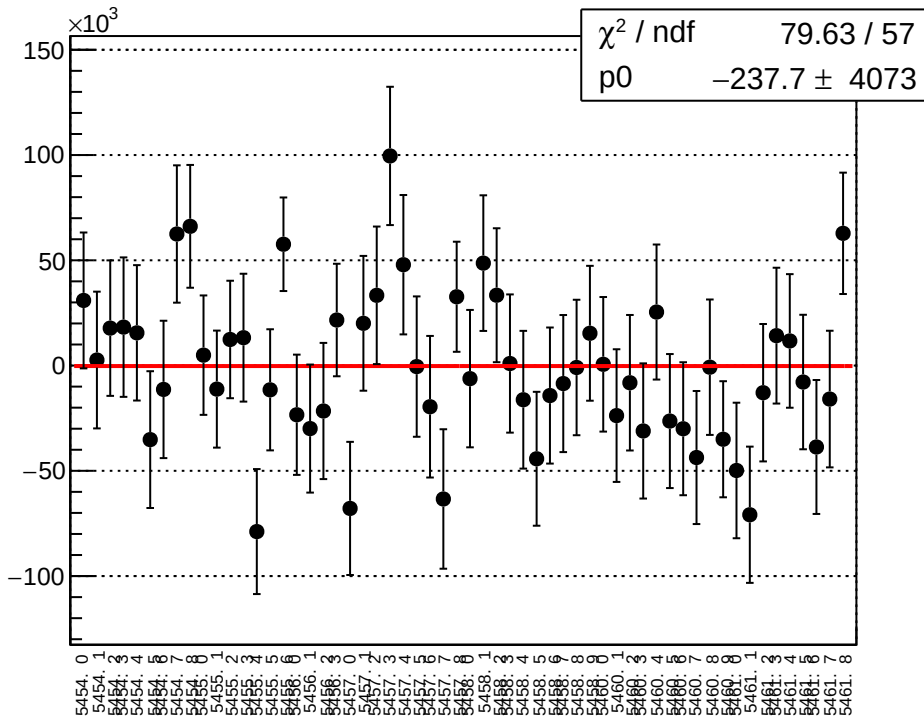
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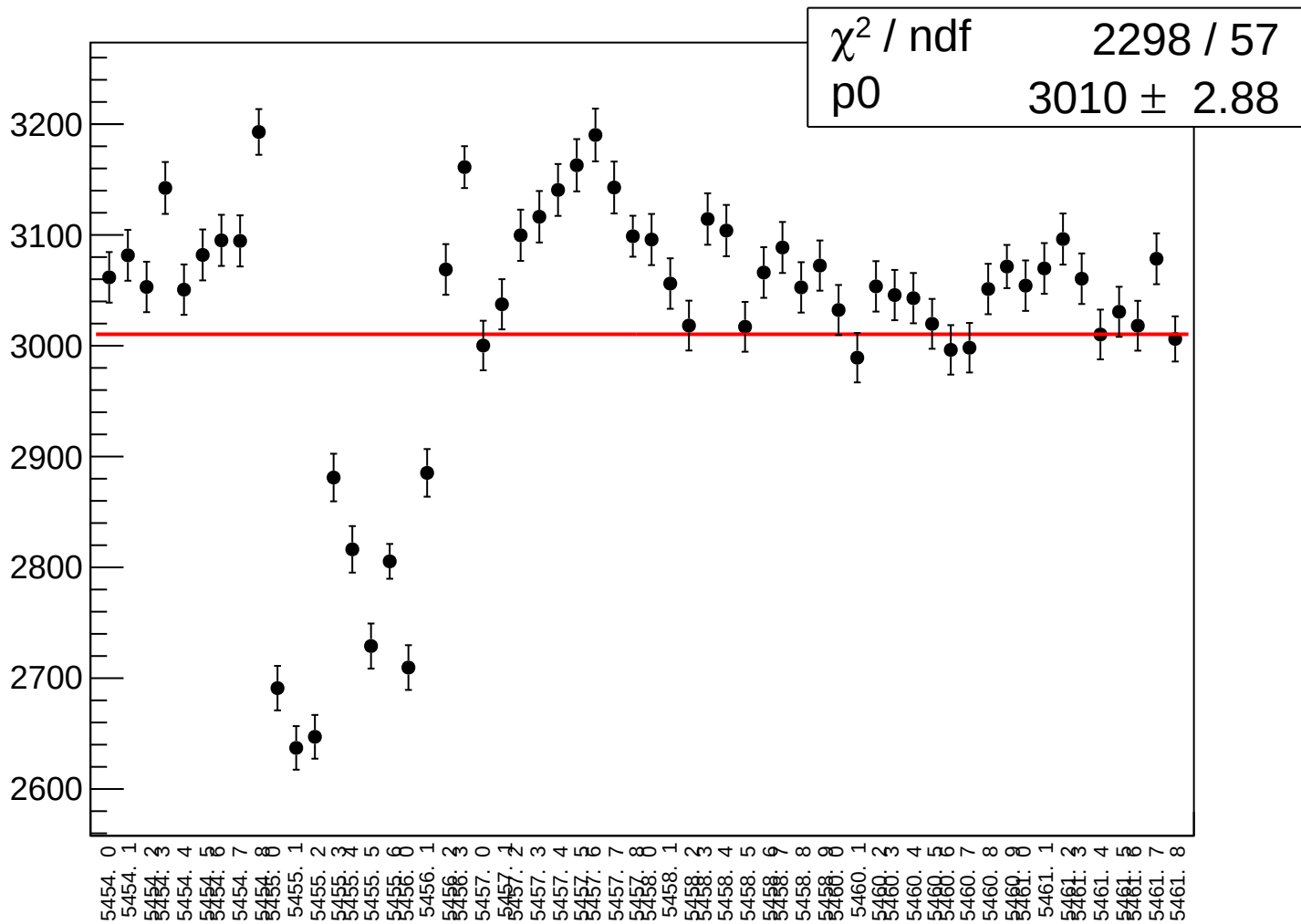
asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_dd\_rms vs run



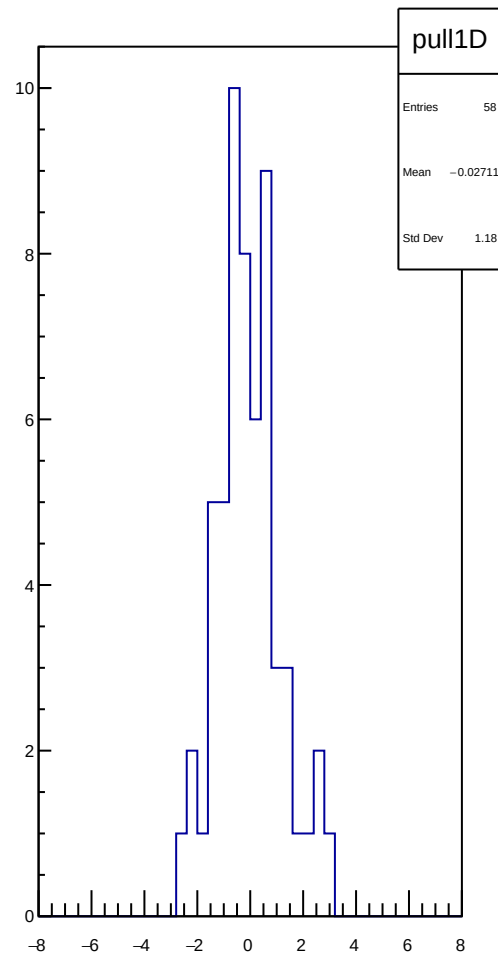
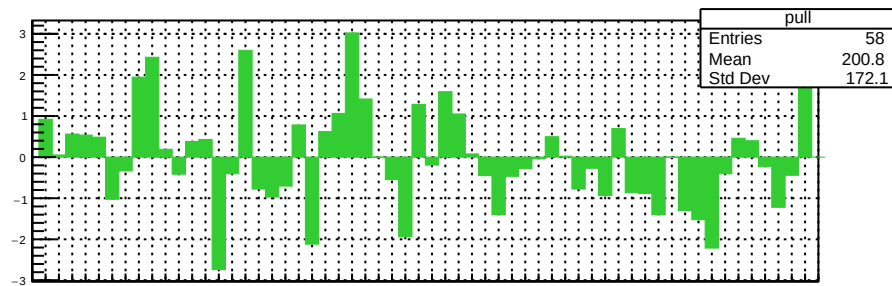
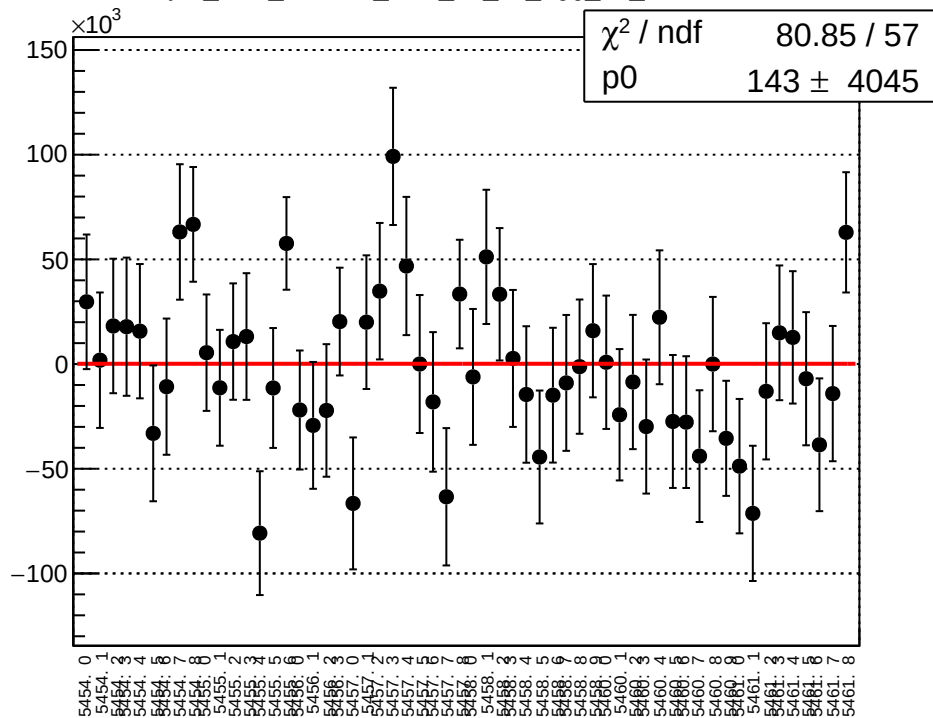
asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_avg\_mean vs run



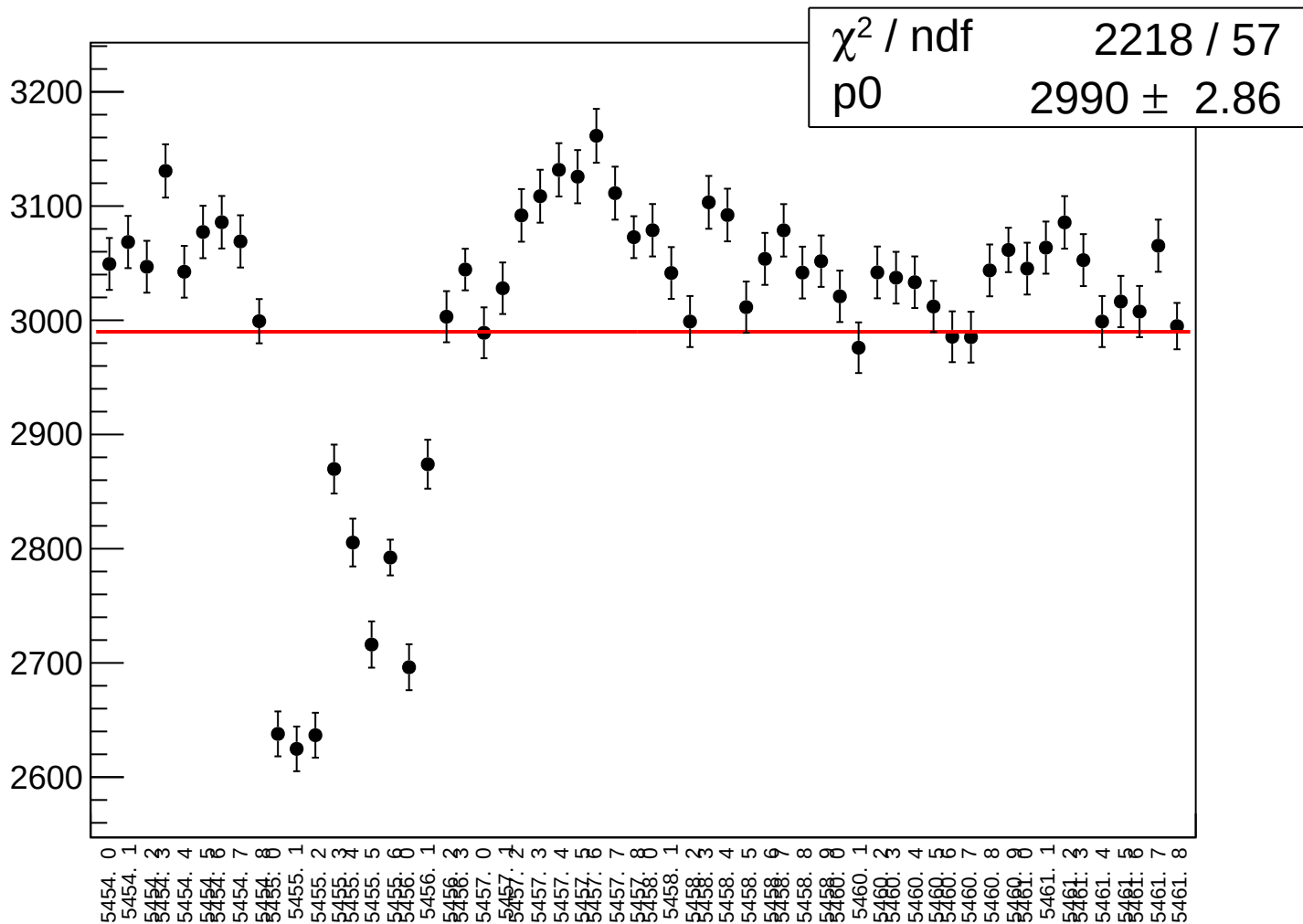
asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_avg\_rms vs run



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

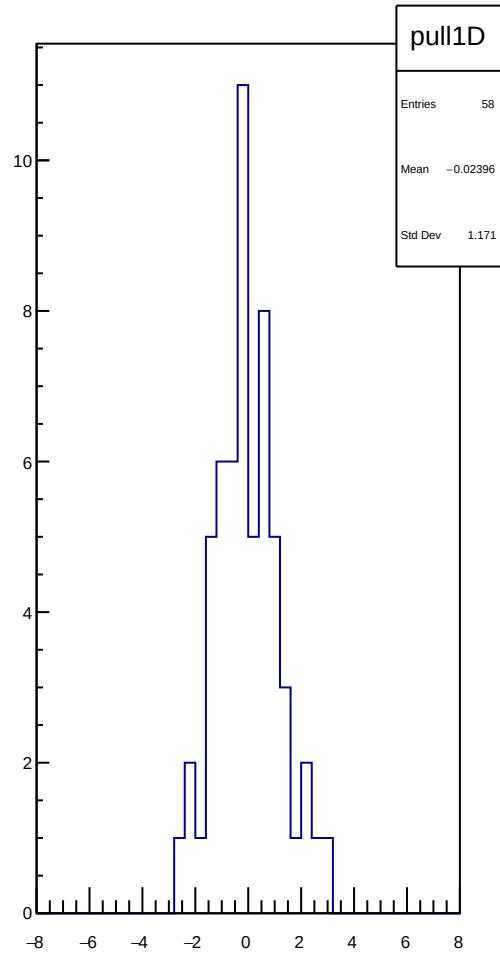
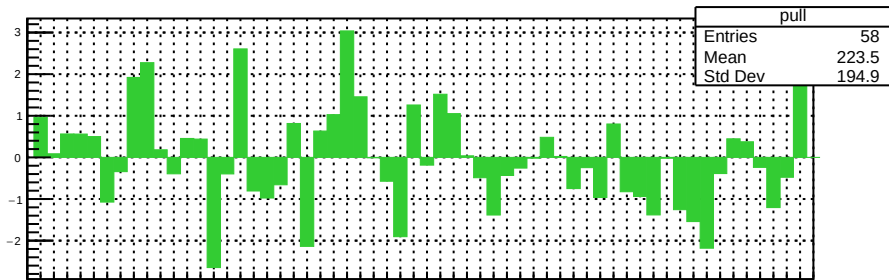
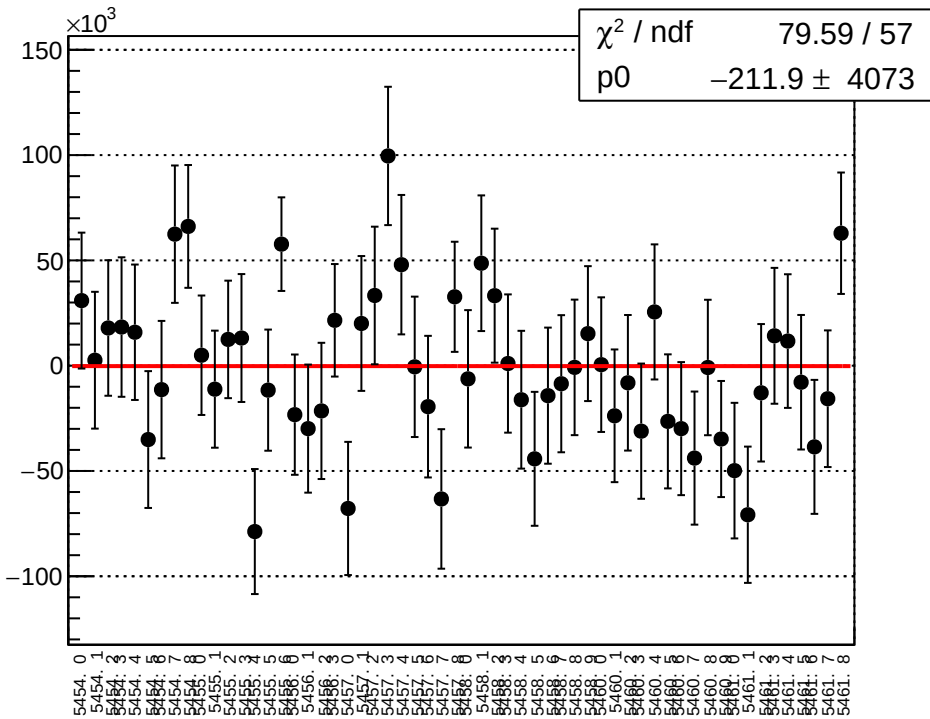


asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_dd\_rms vs run

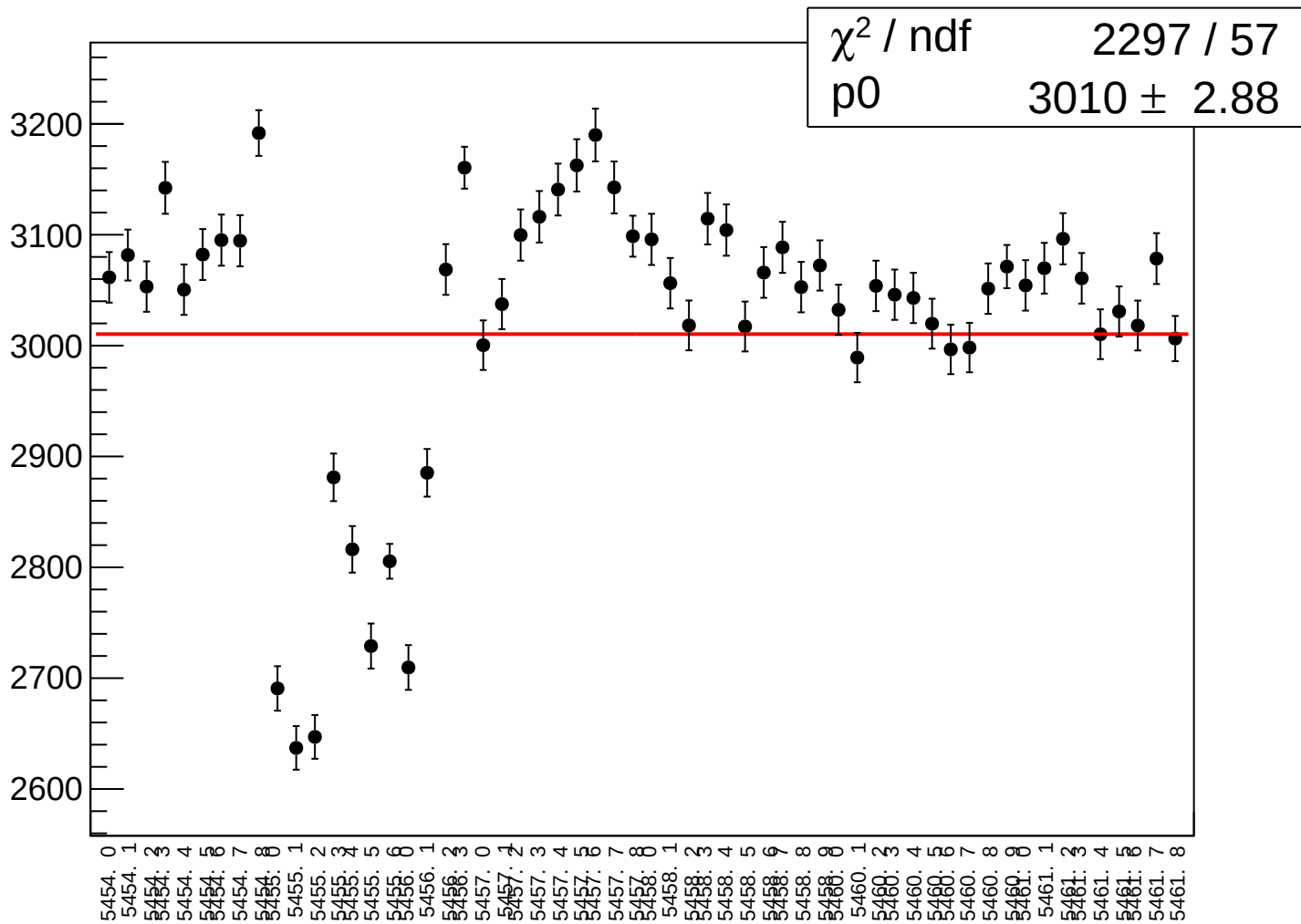




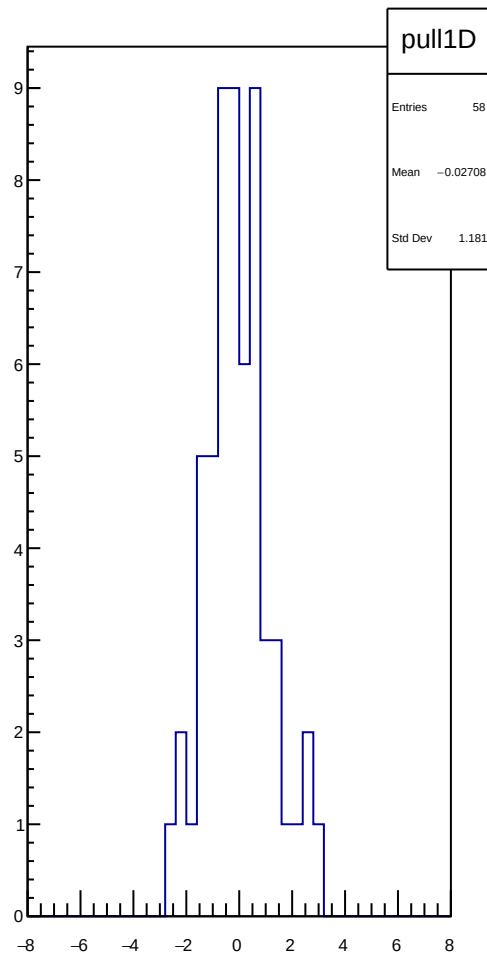
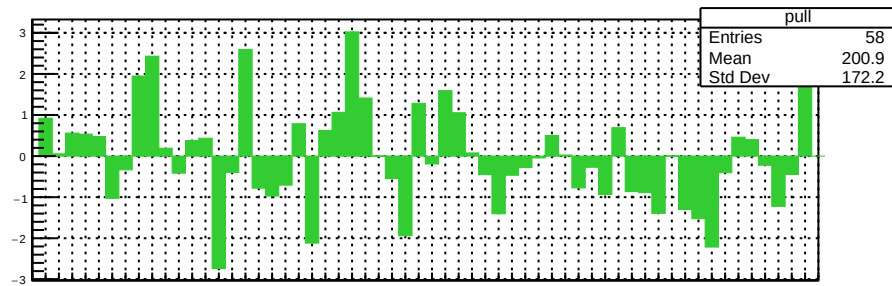
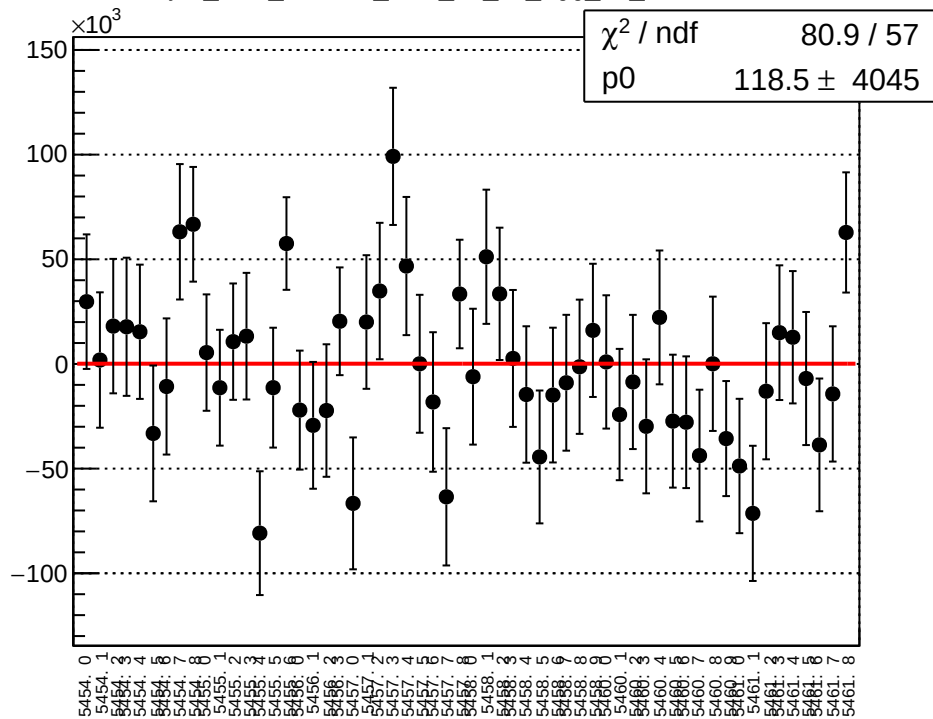
asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_avg\_mean vs run



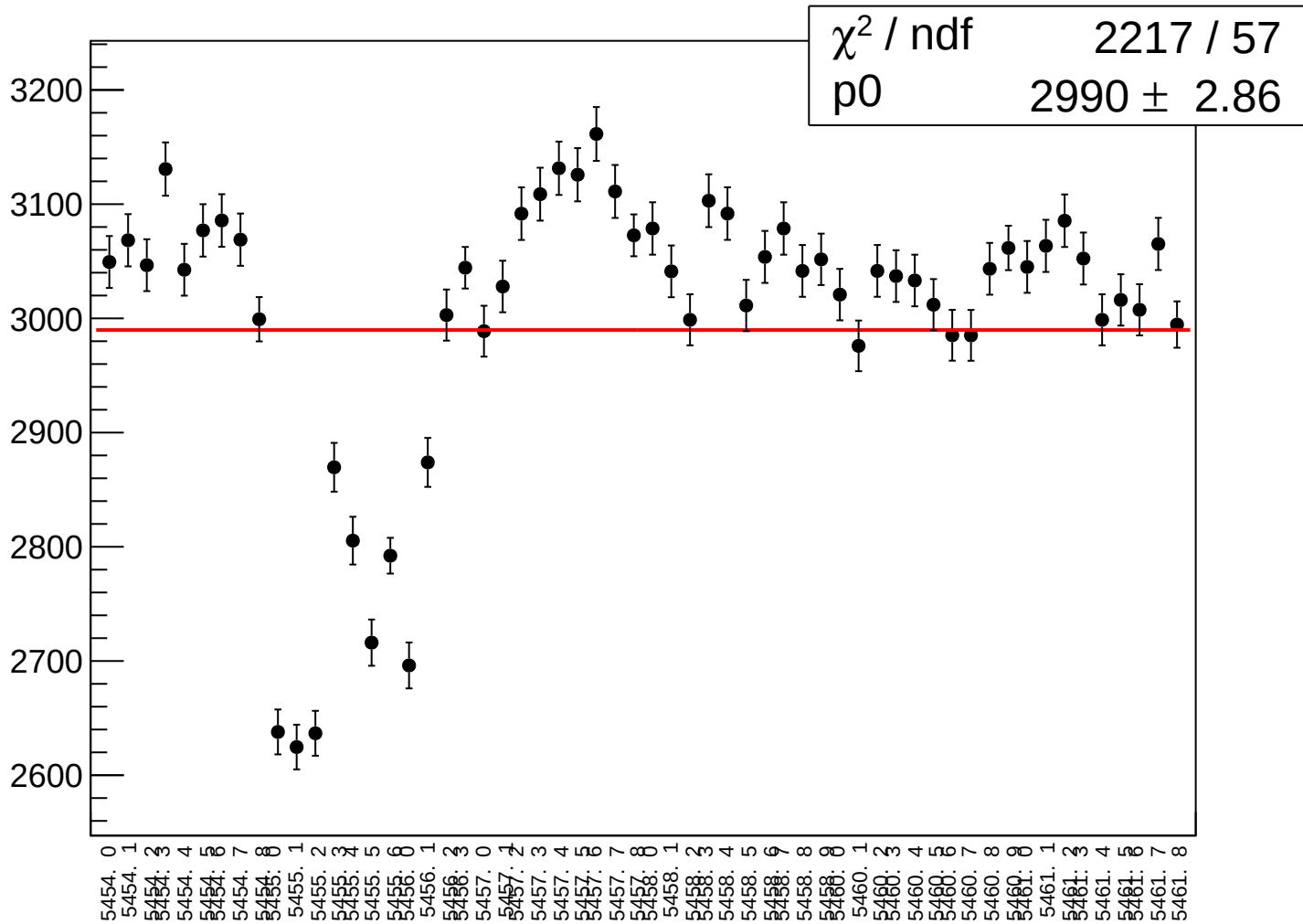
asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_avg\_rms vs run



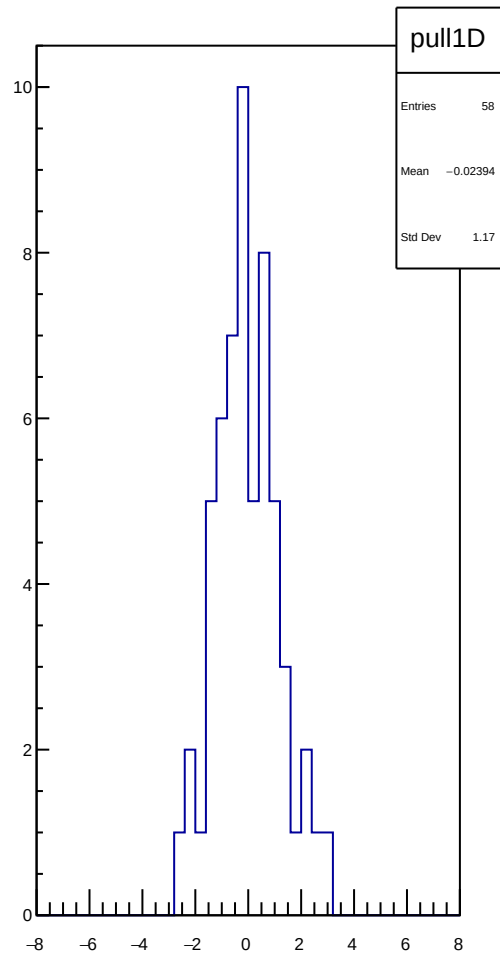
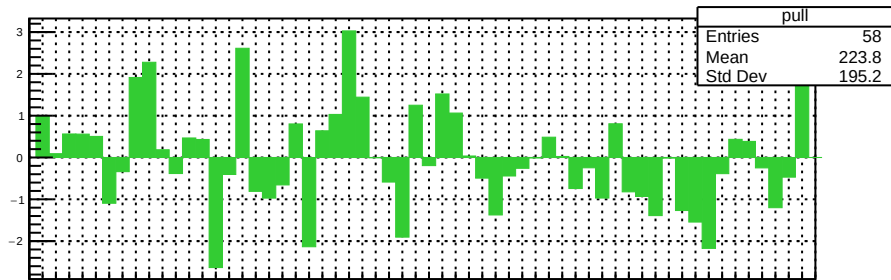
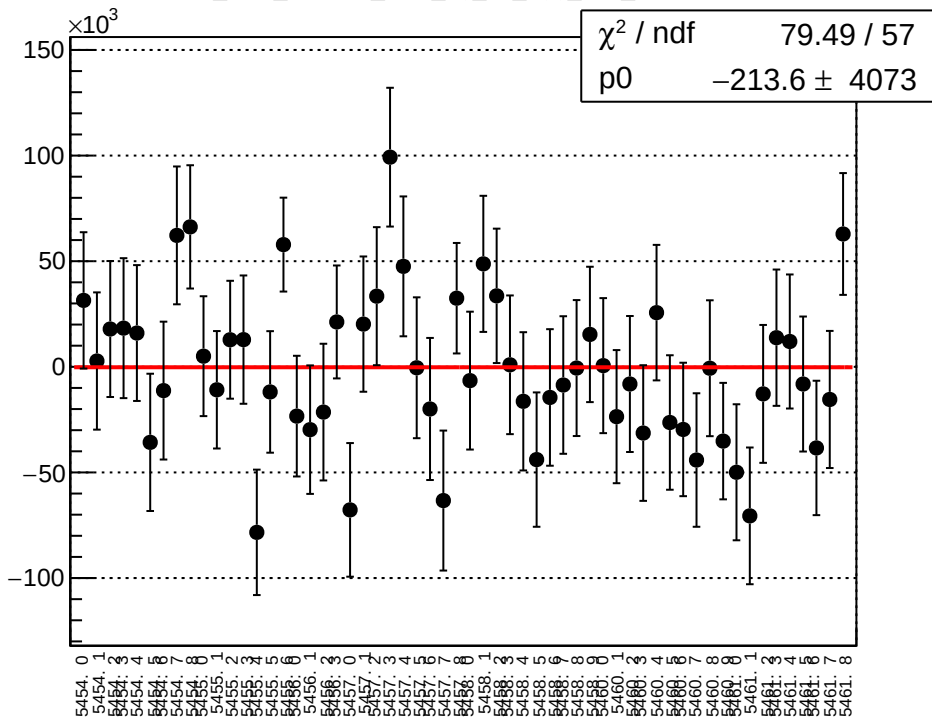
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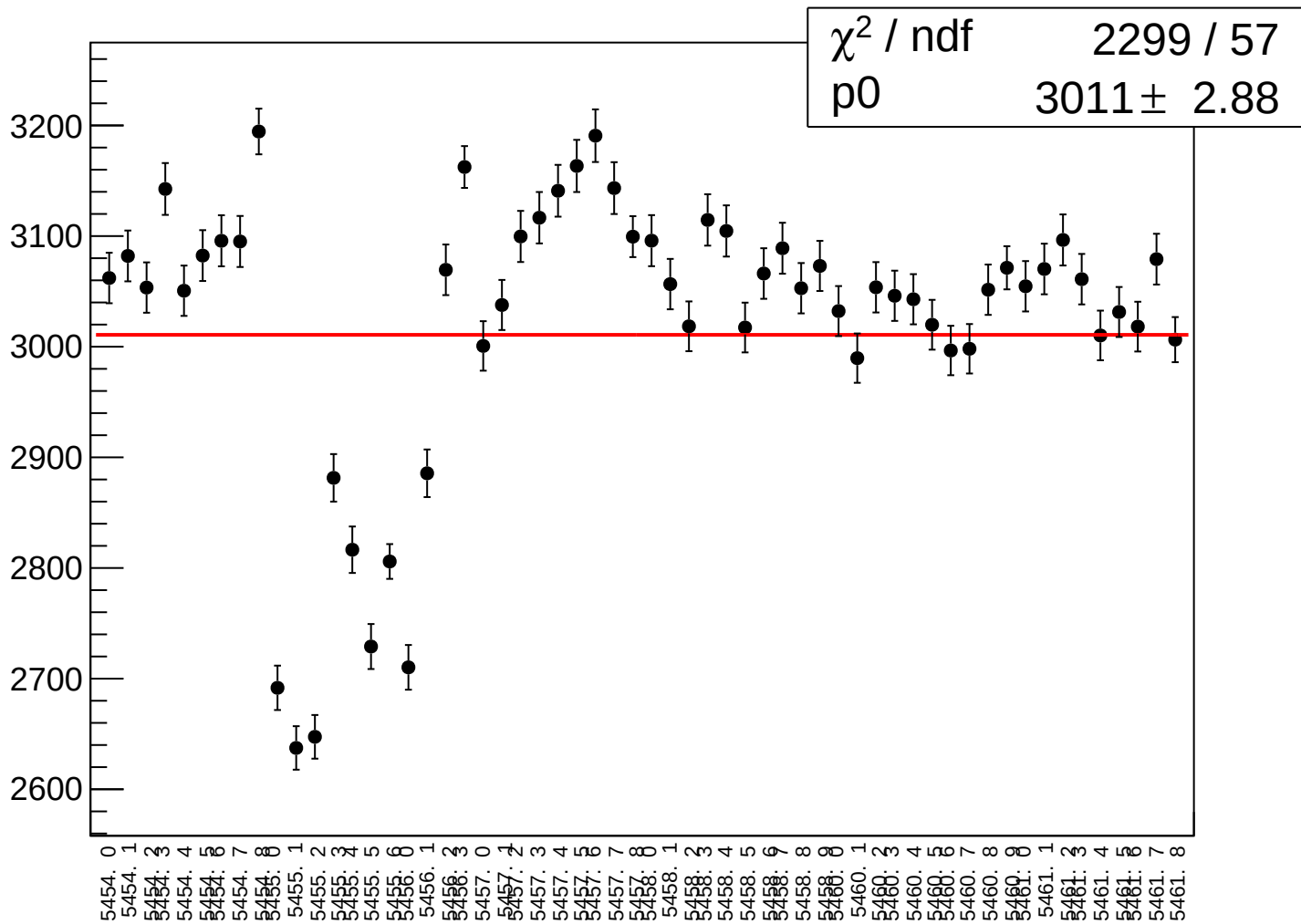
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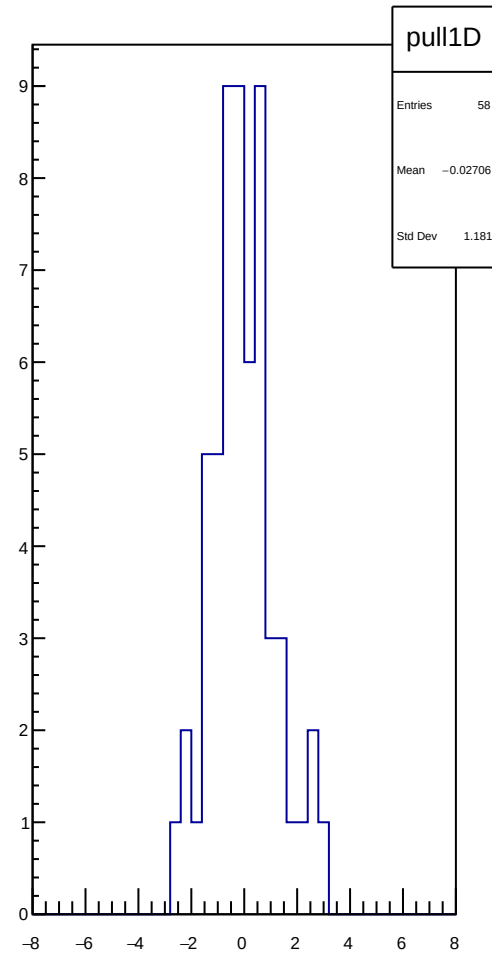
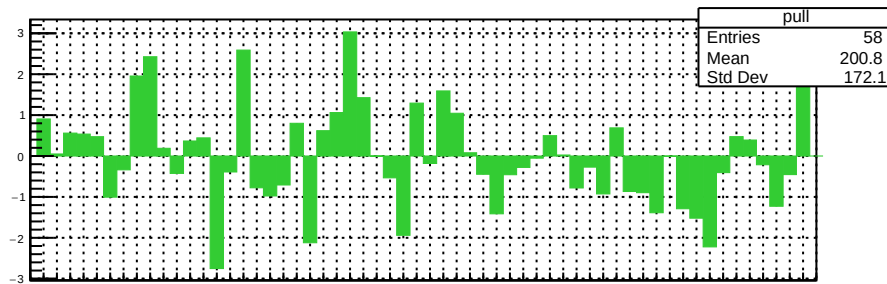
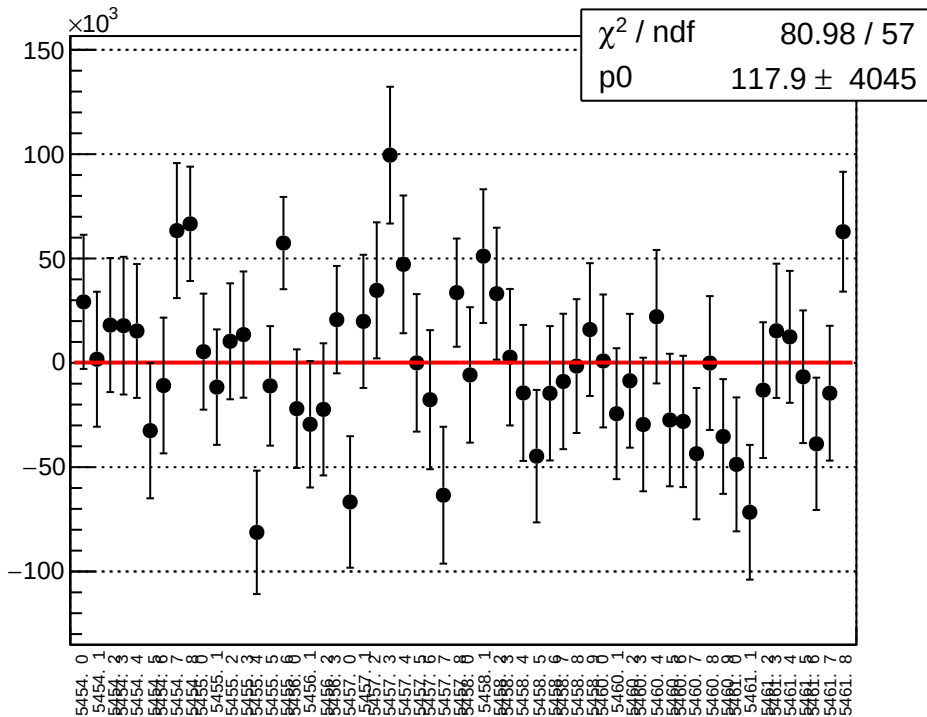
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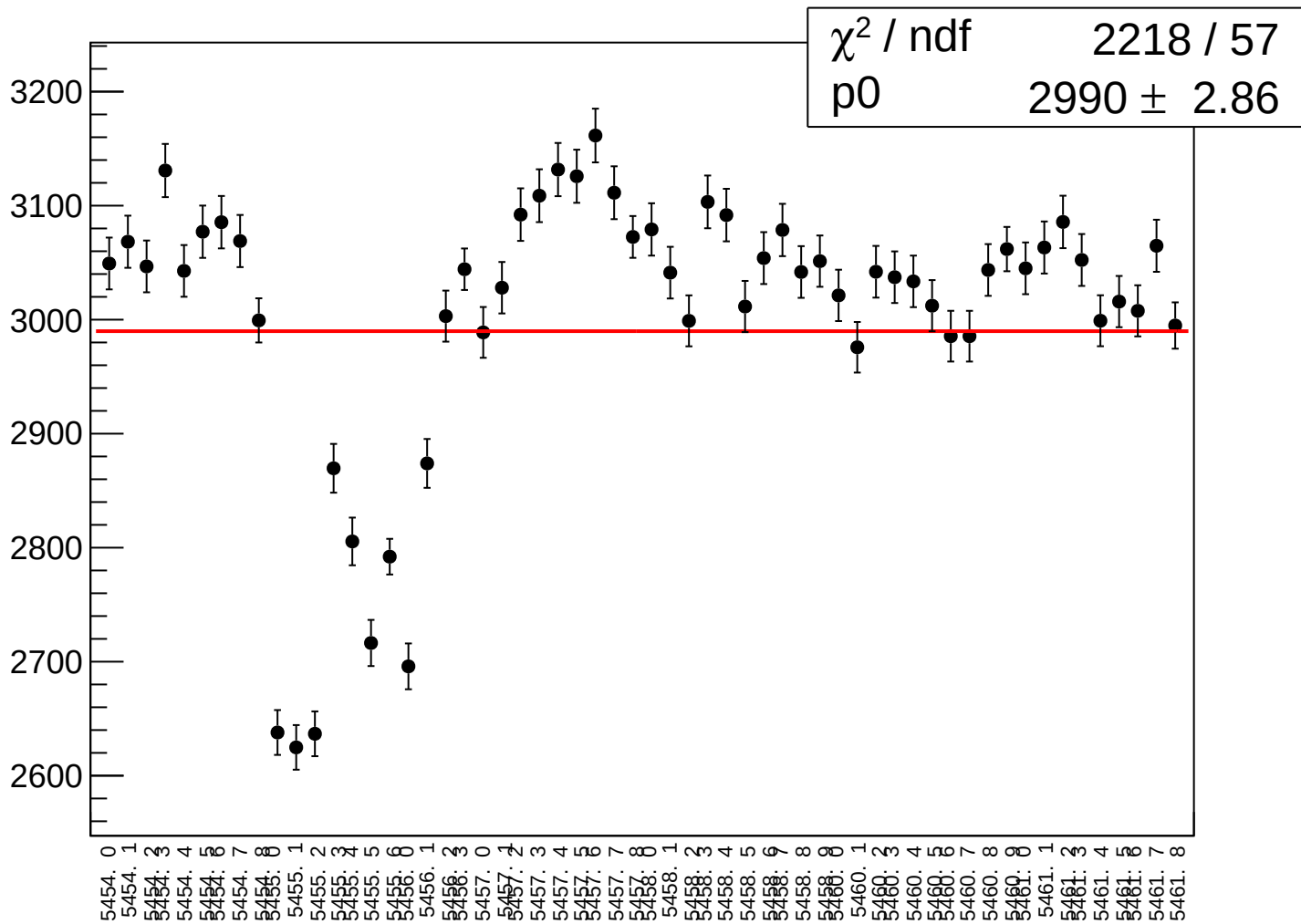
asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_avg\_rms vs run



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

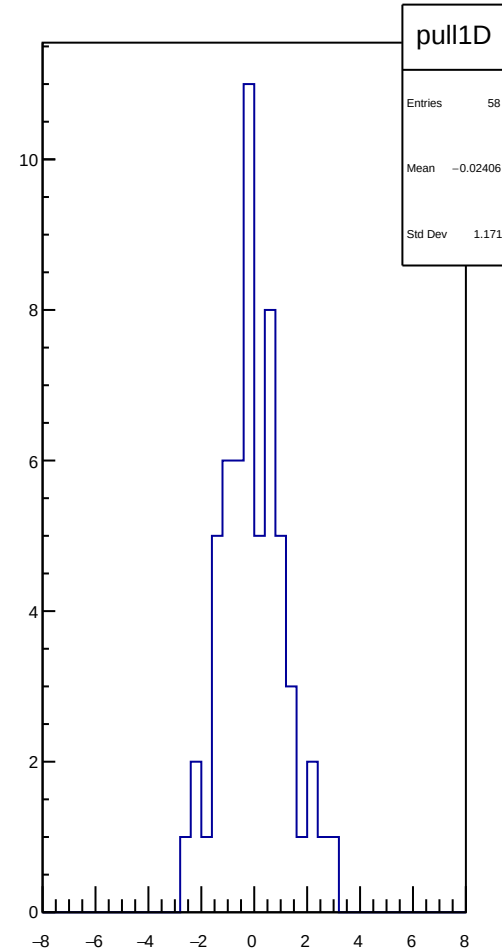
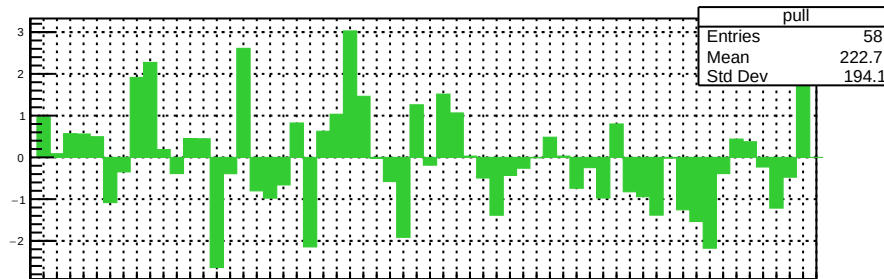
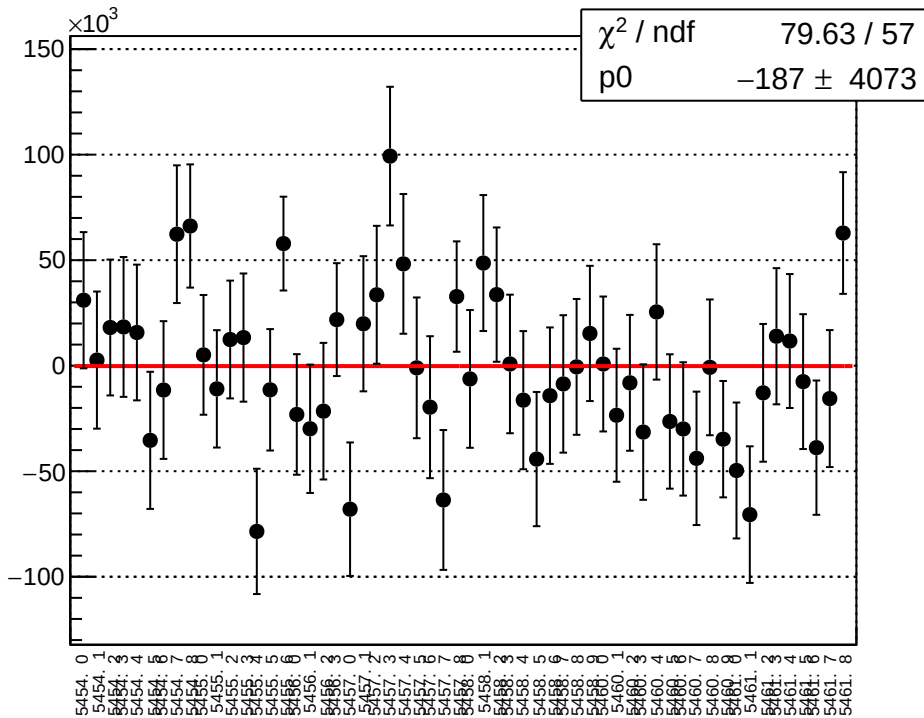


asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_dd\_rms vs run

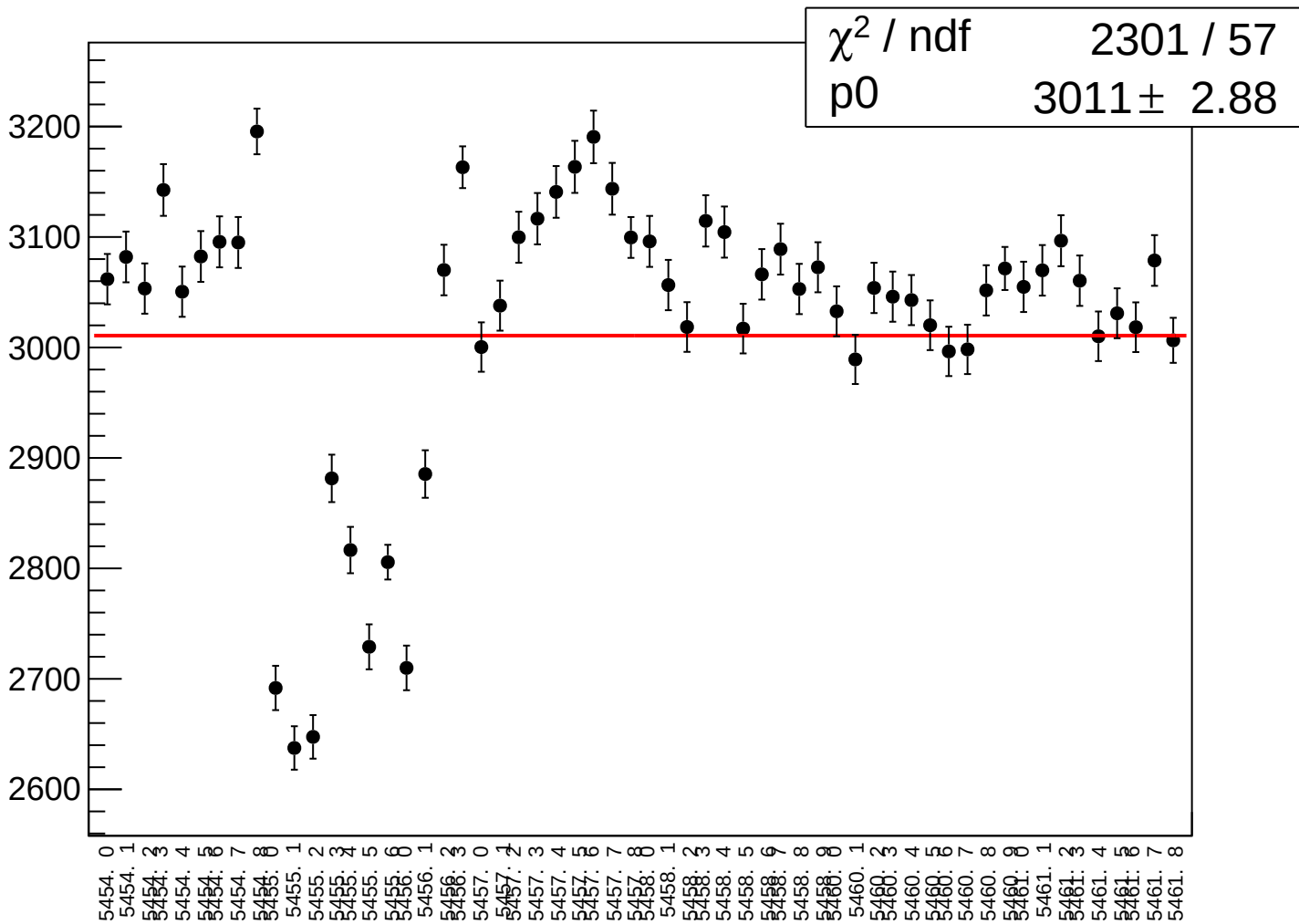




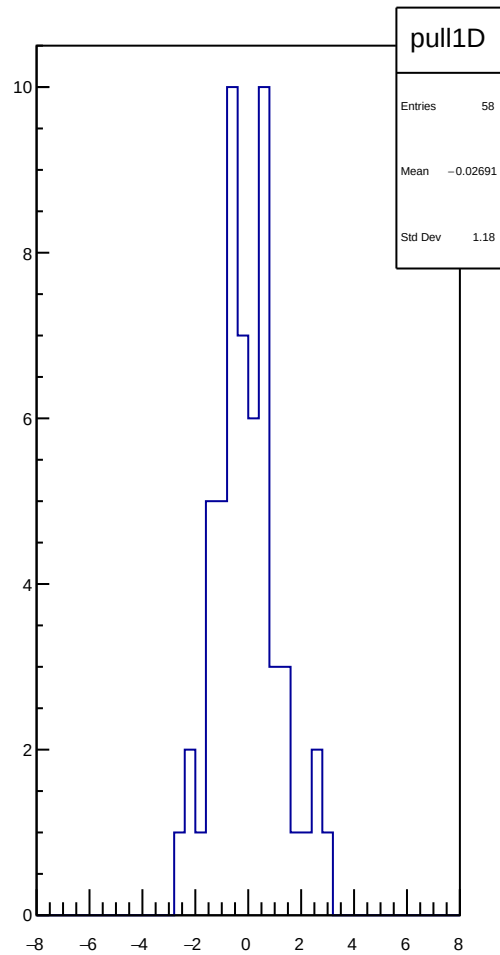
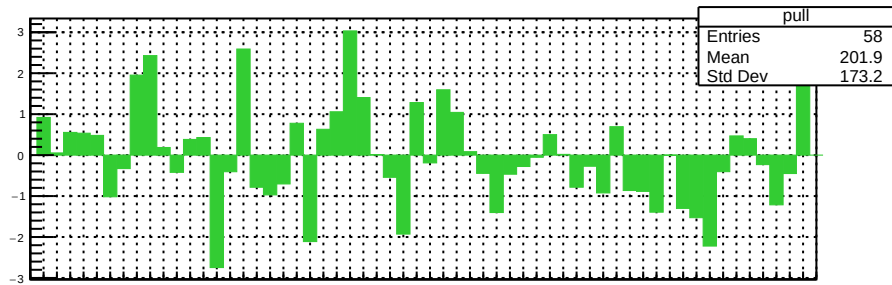
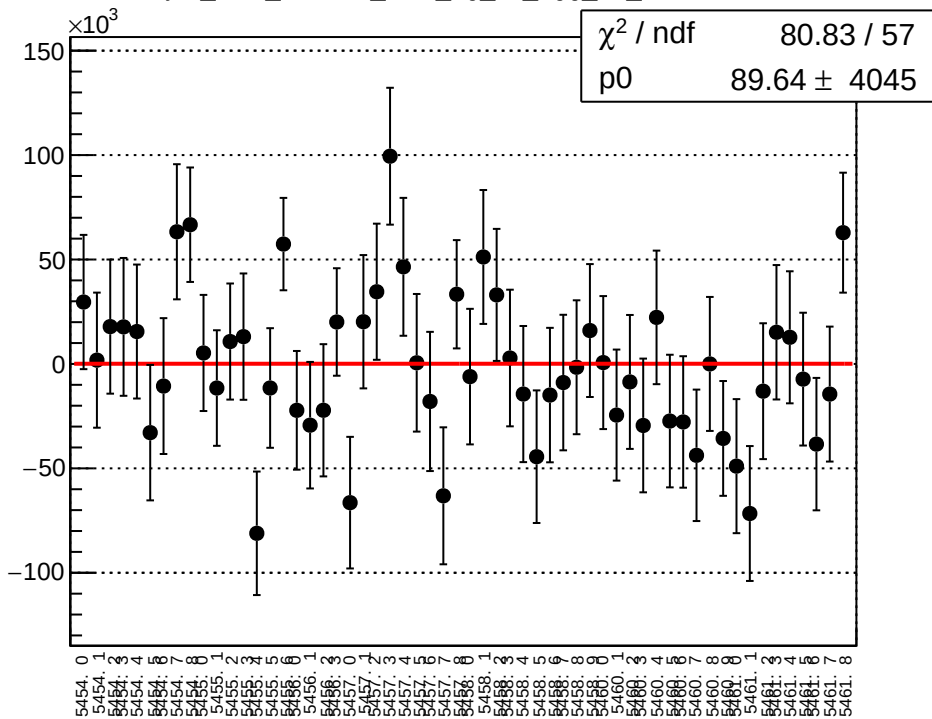
asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_avg\_mean vs run



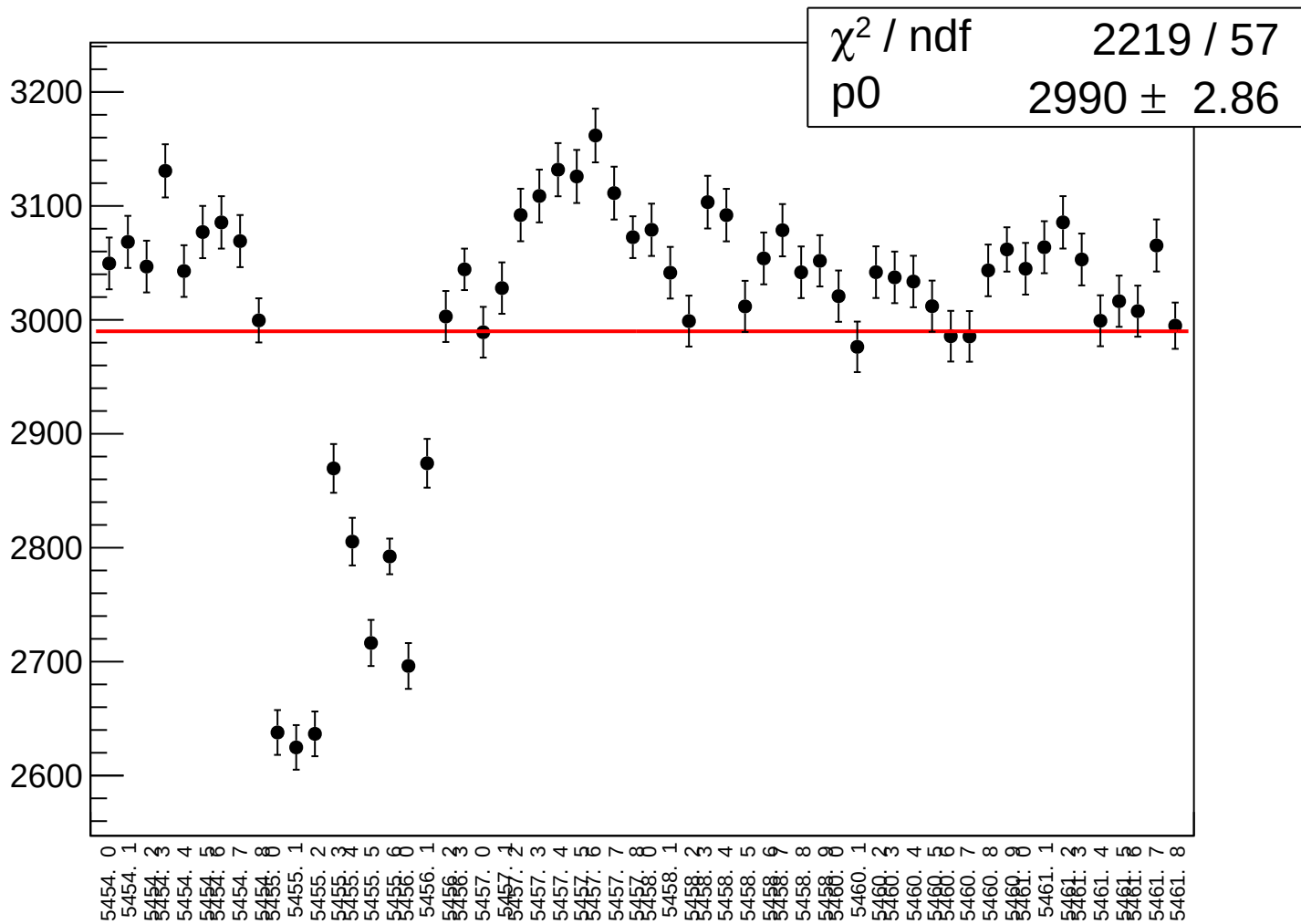
asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_avg\_rms vs run



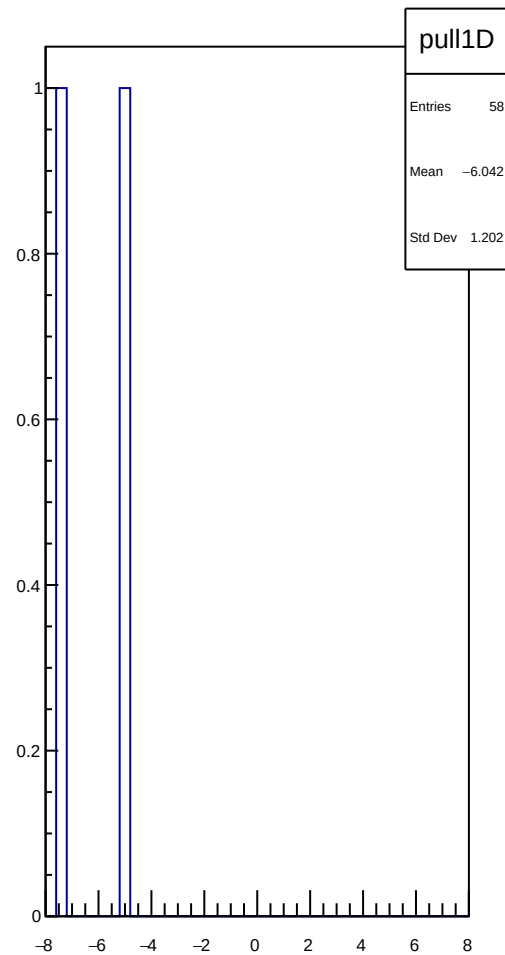
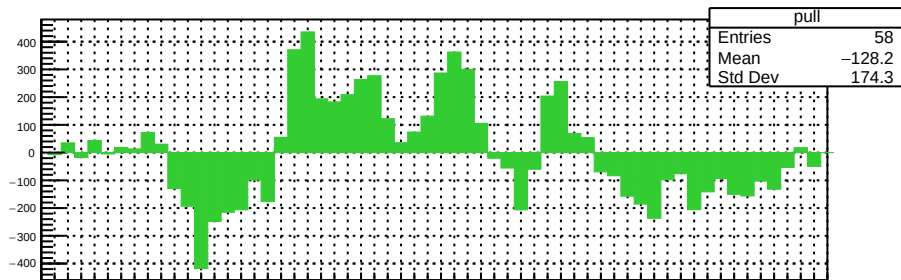
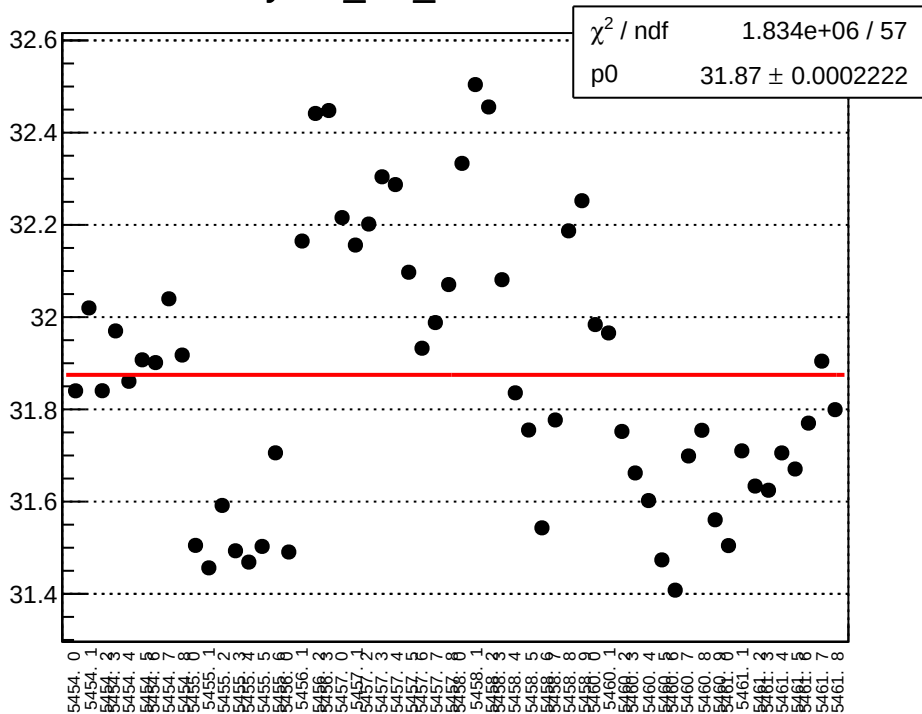
asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_dd\_mean vs run



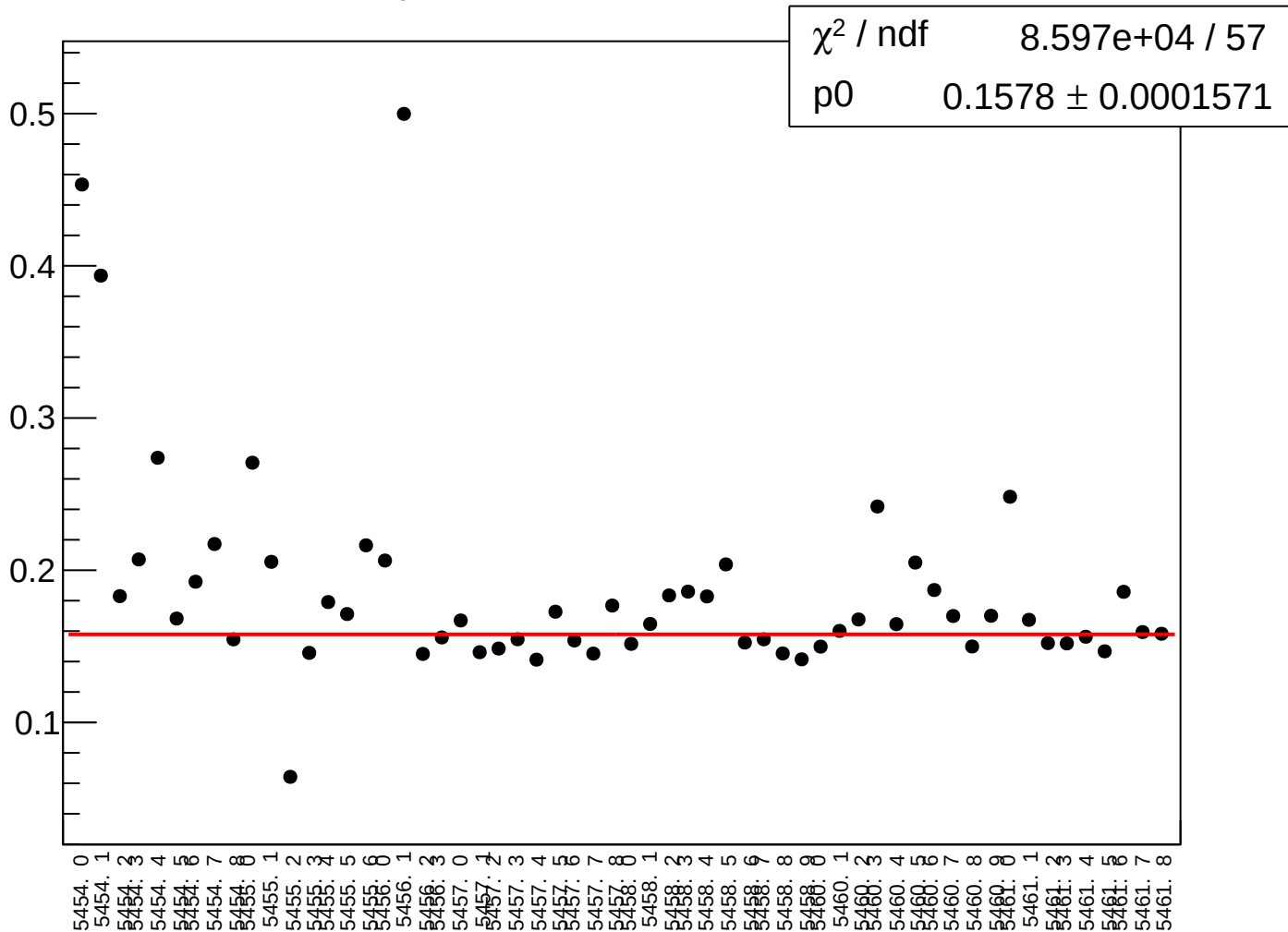
asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_dd\_rms vs run



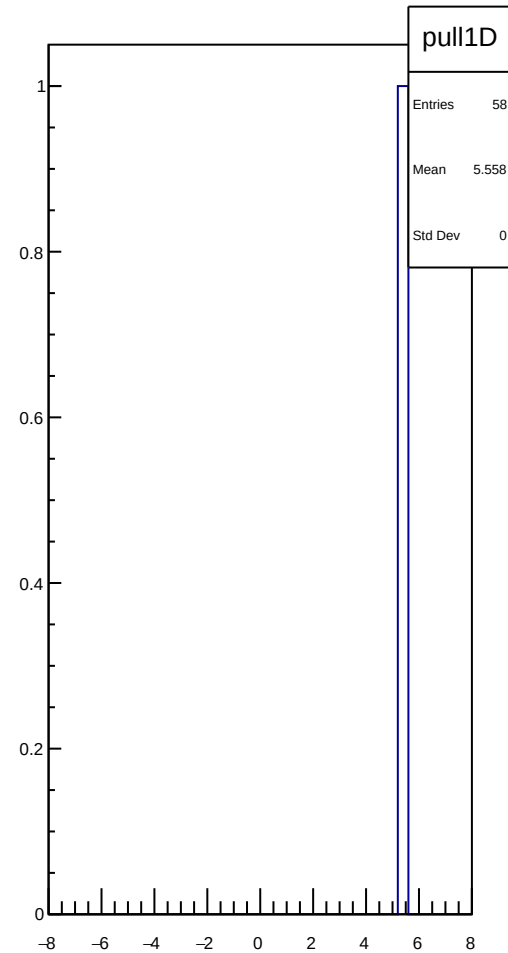
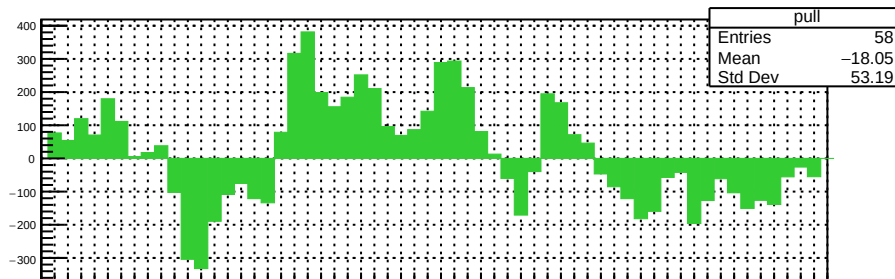
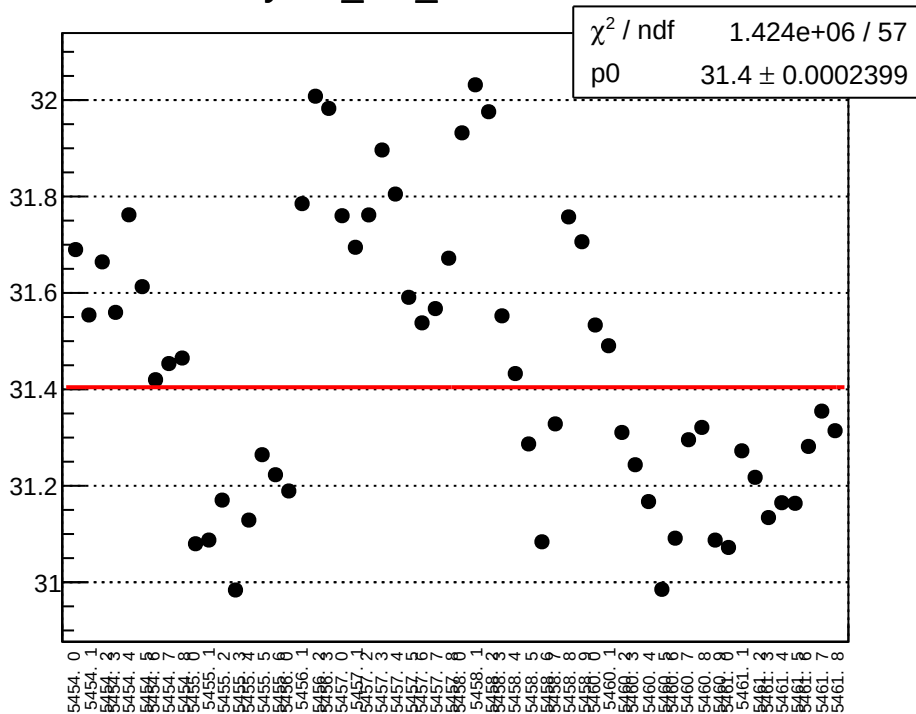
yield\_usl\_mean vs run



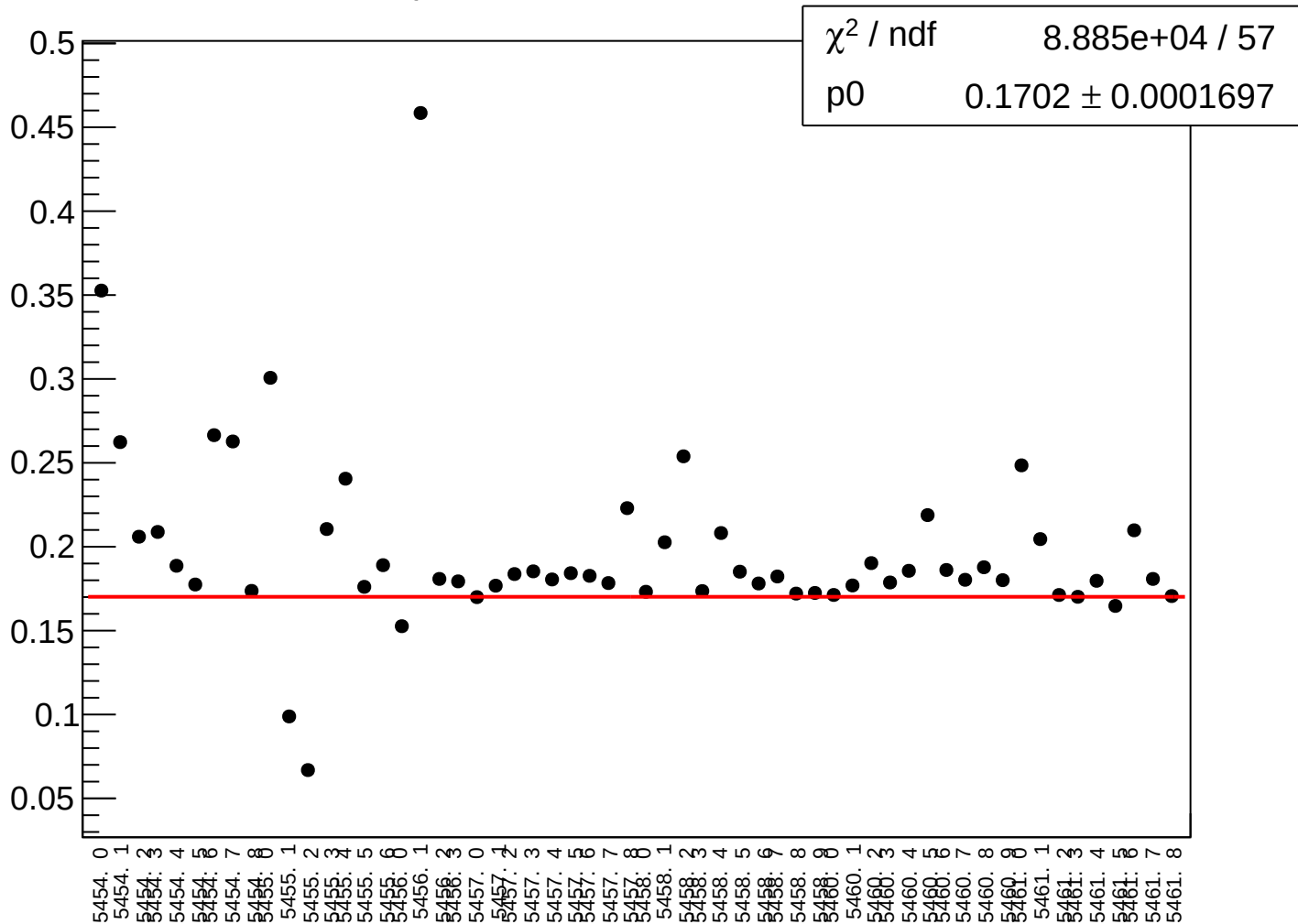
# yield\_usl\_rms vs run



yield\_usr\_mean vs run

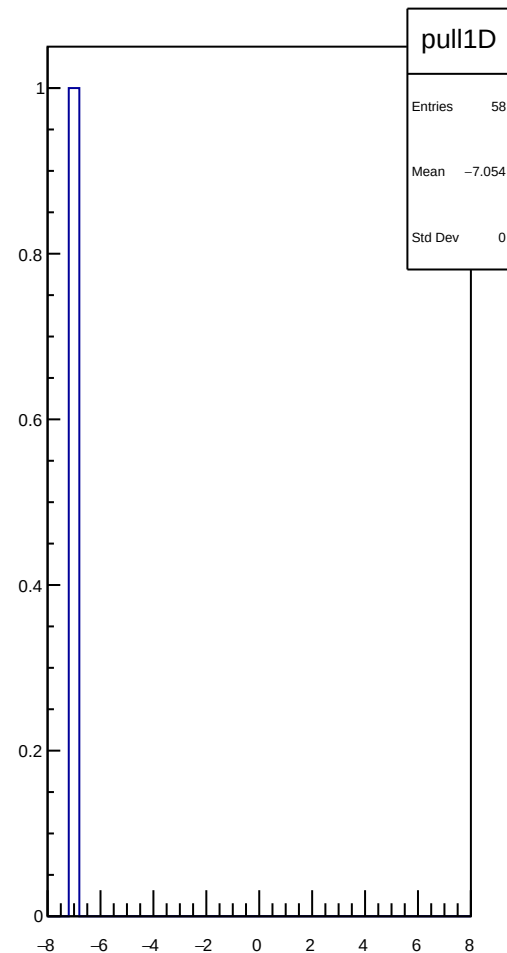
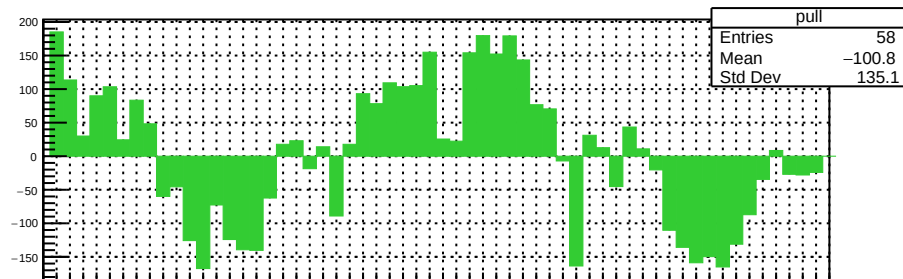
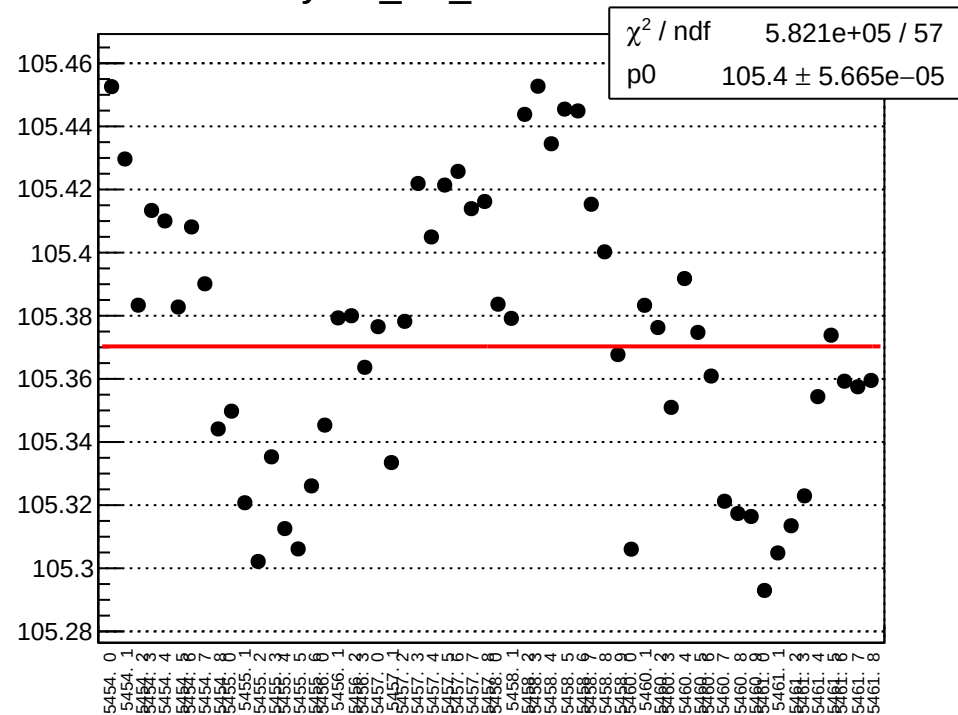


# yield\_usr\_rms vs run

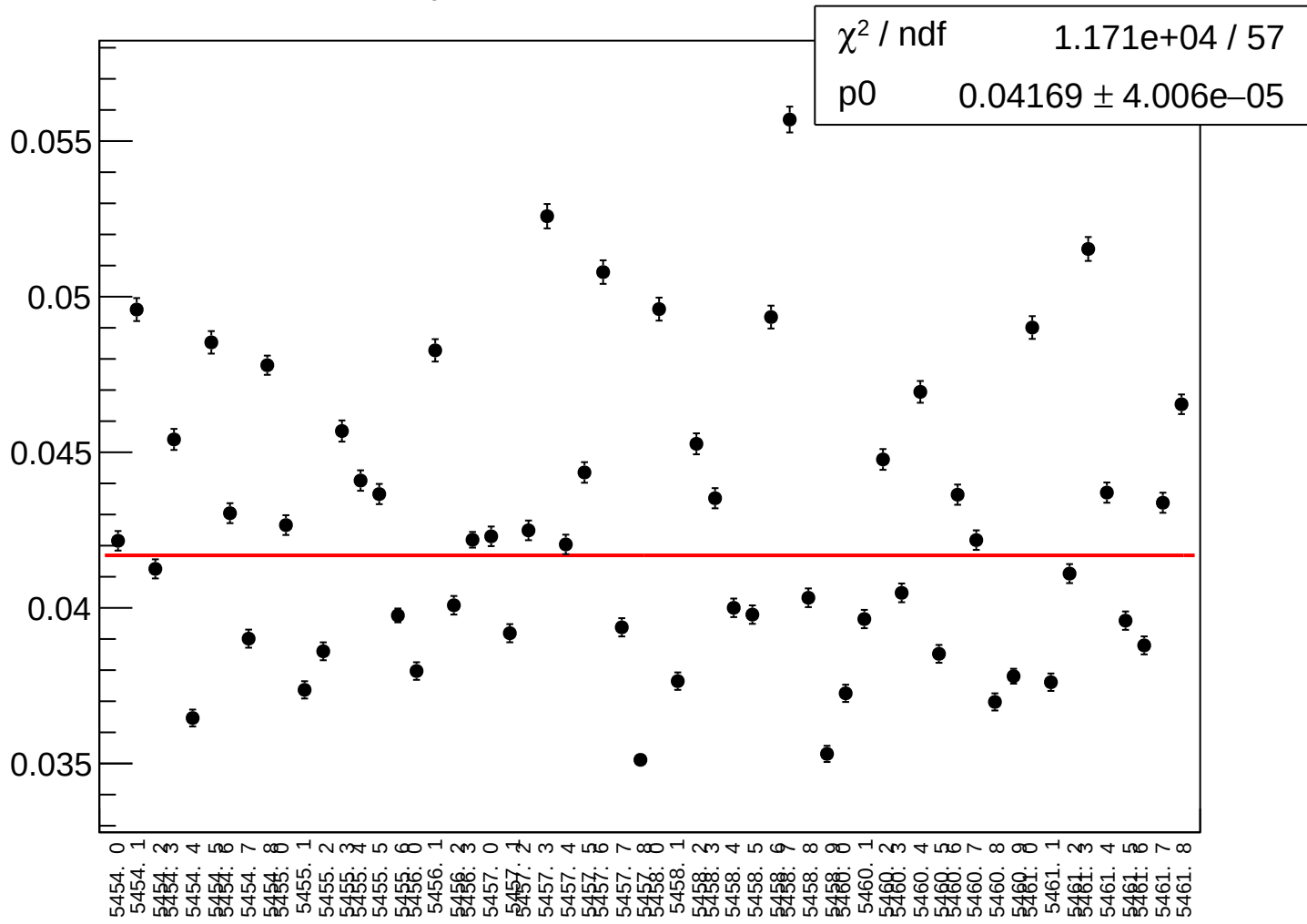




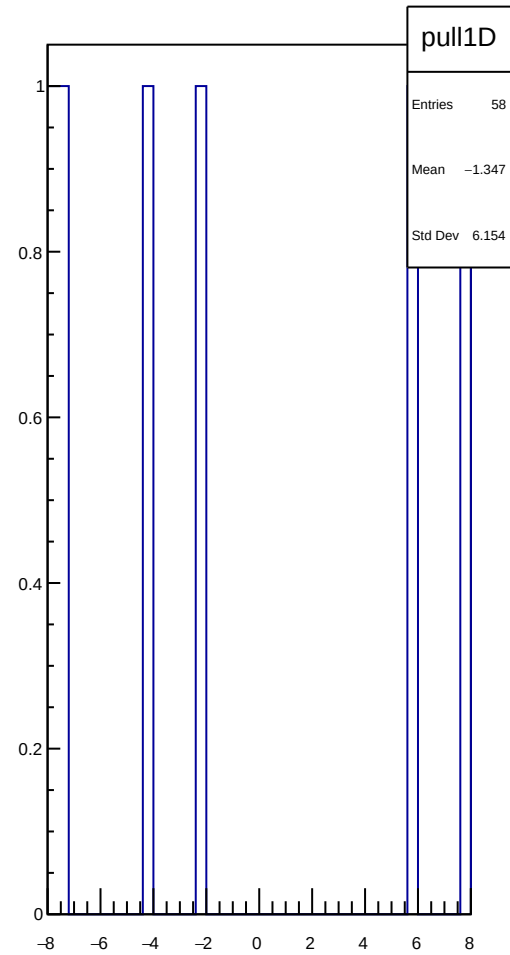
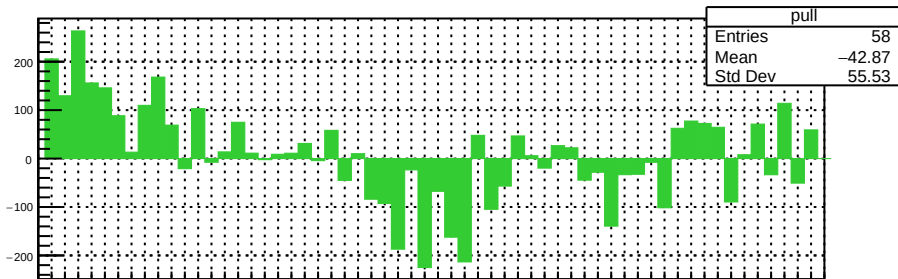
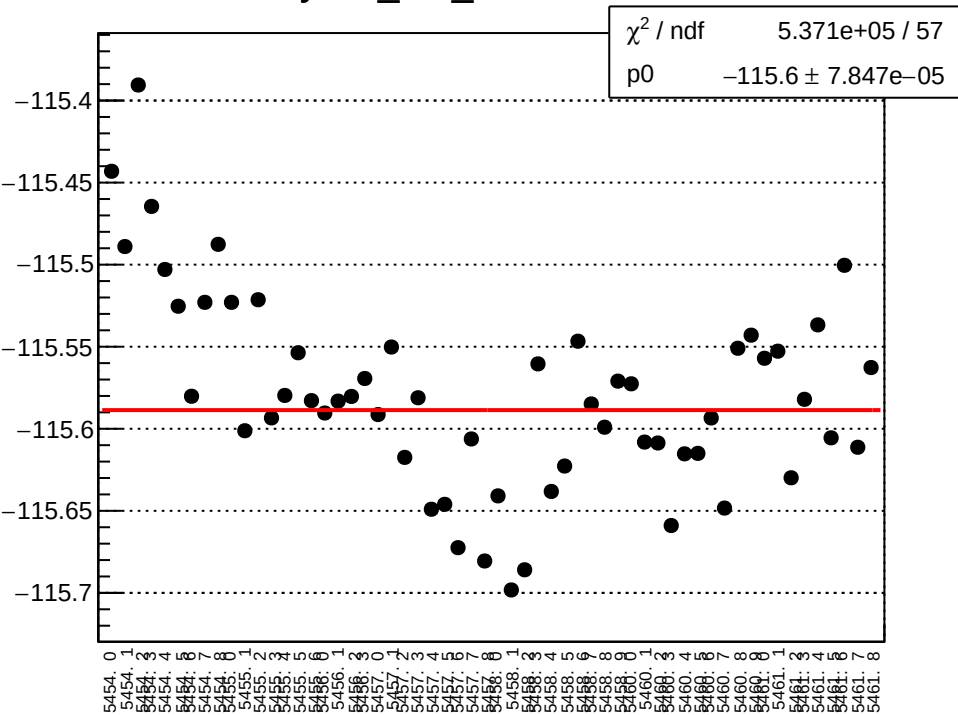
yield\_dsl\_mean vs run



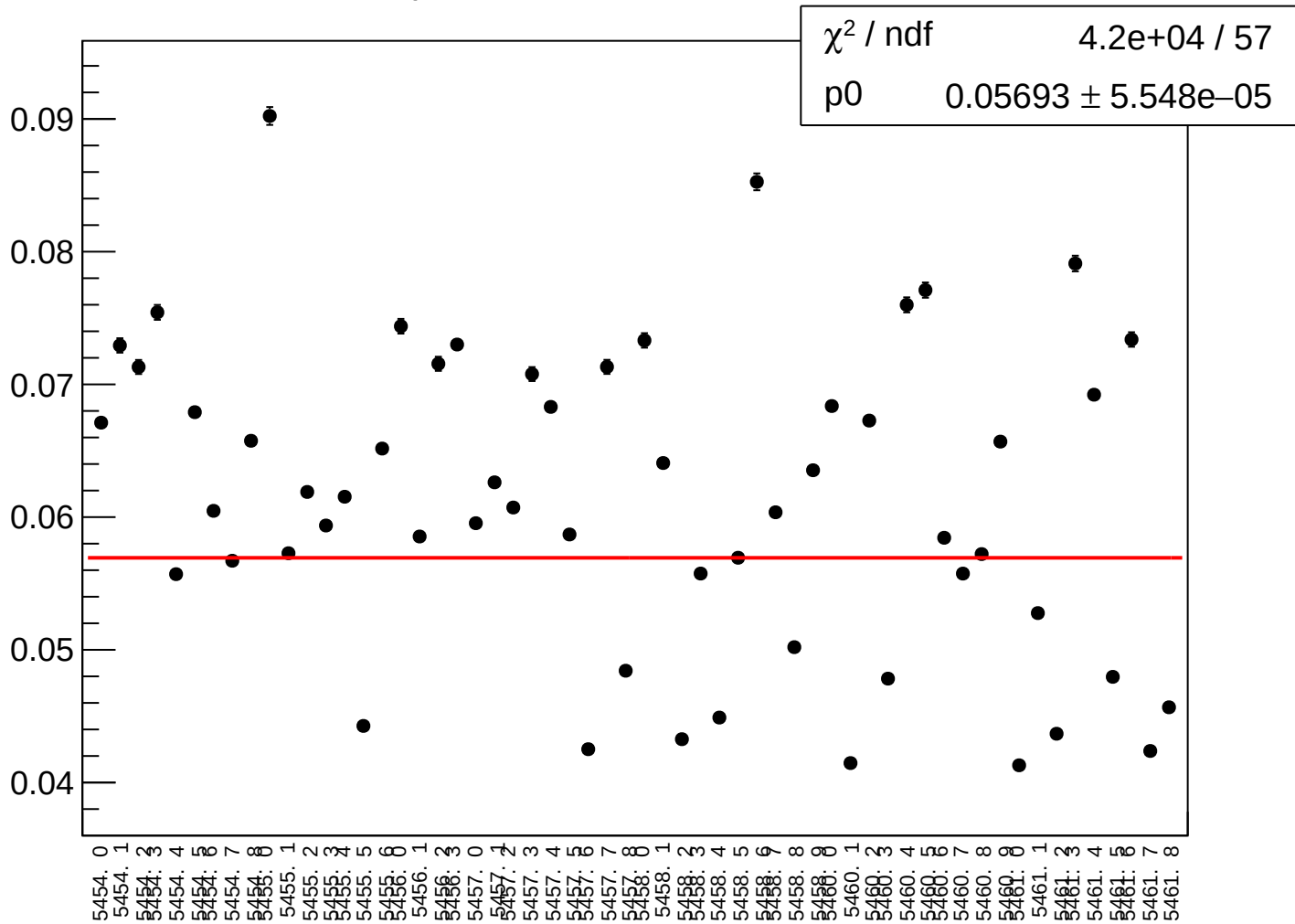
# yield\_dsl\_rms vs run



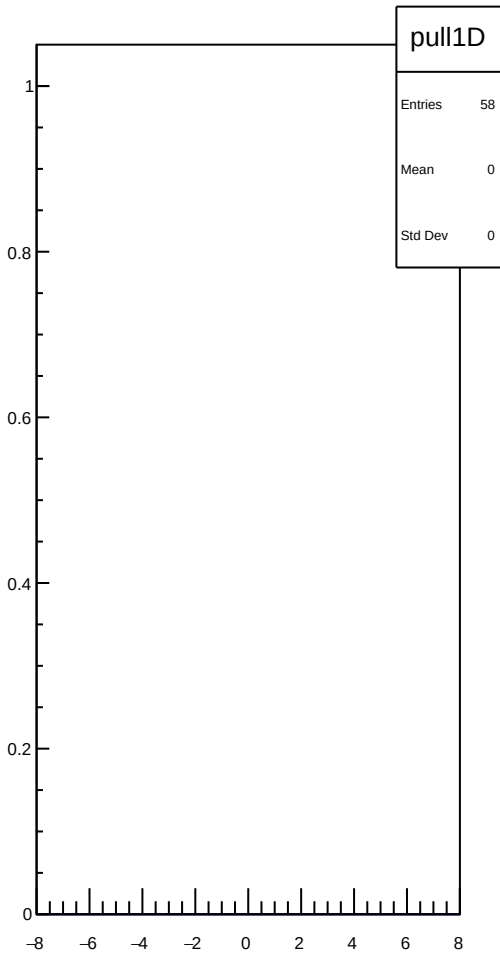
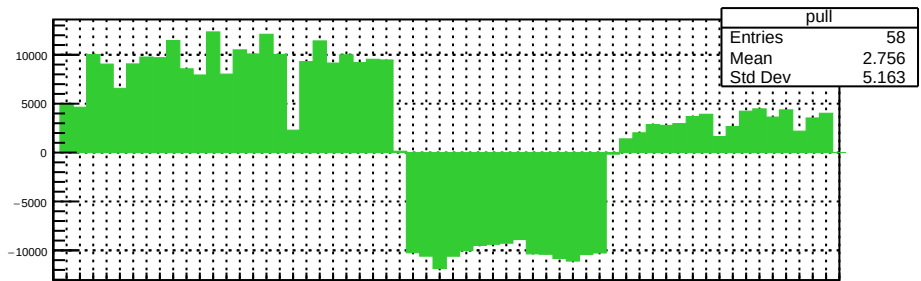
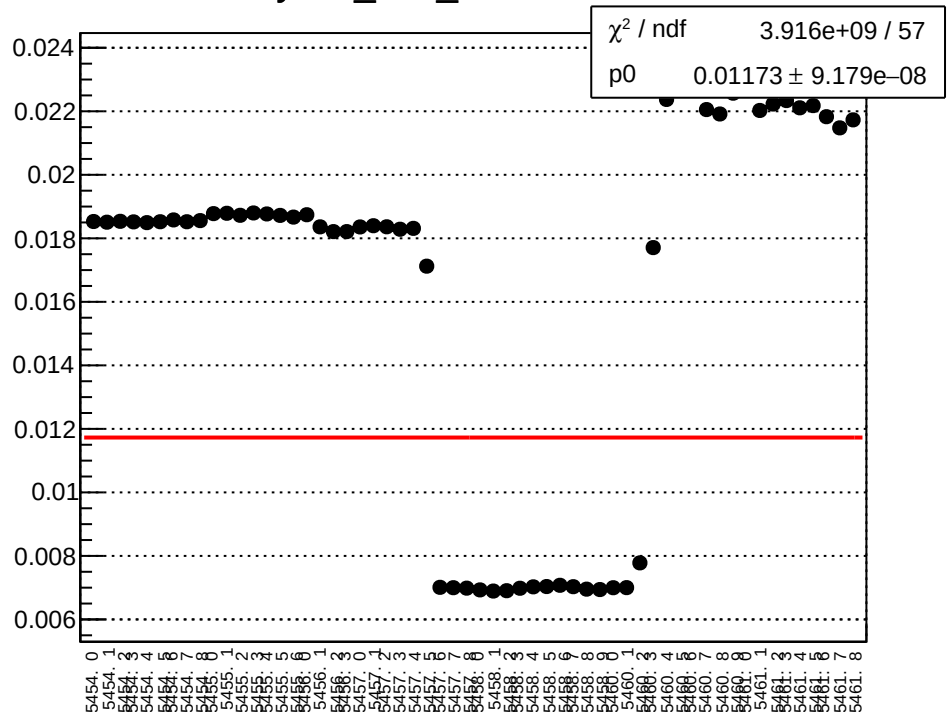
yield\_dsr\_mean vs run



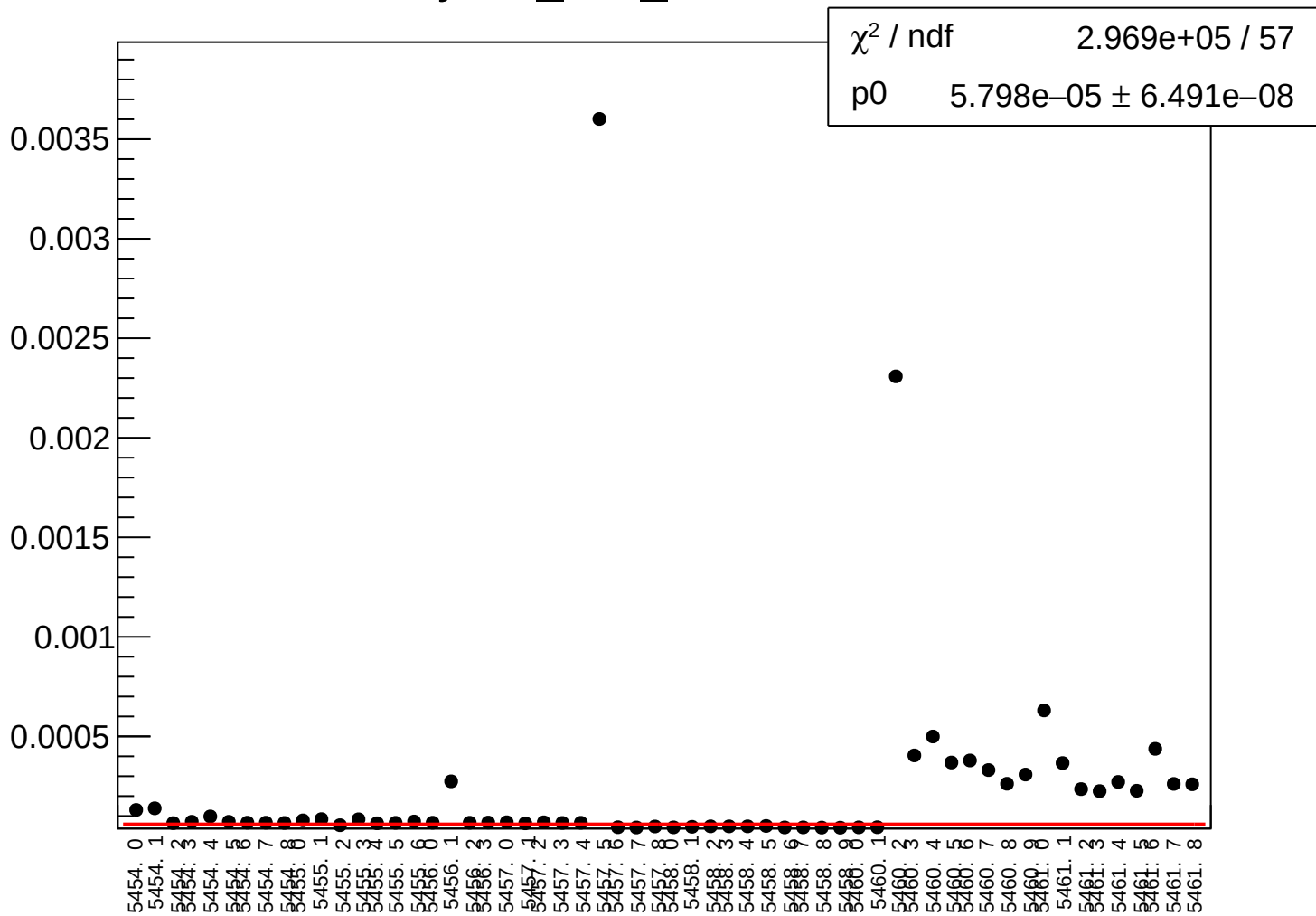
# yield\_dsr\_rms vs run



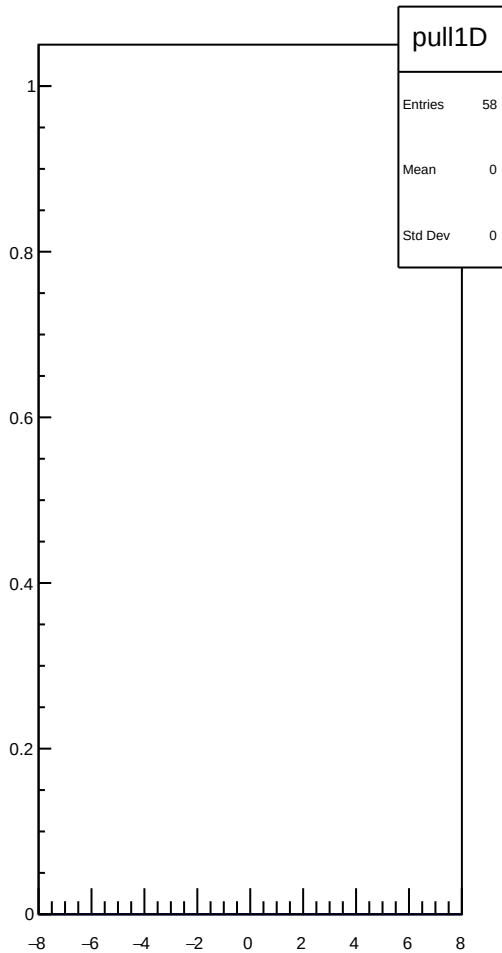
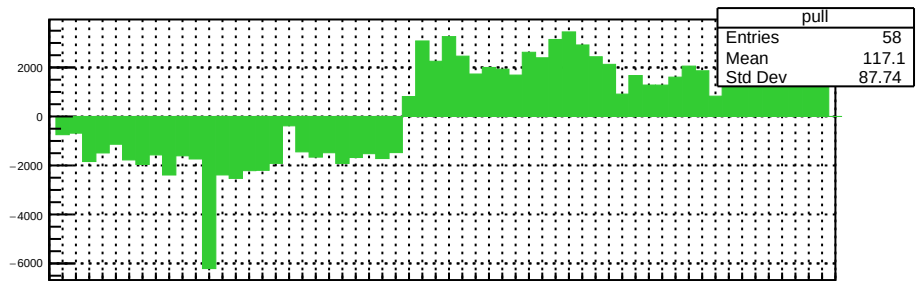
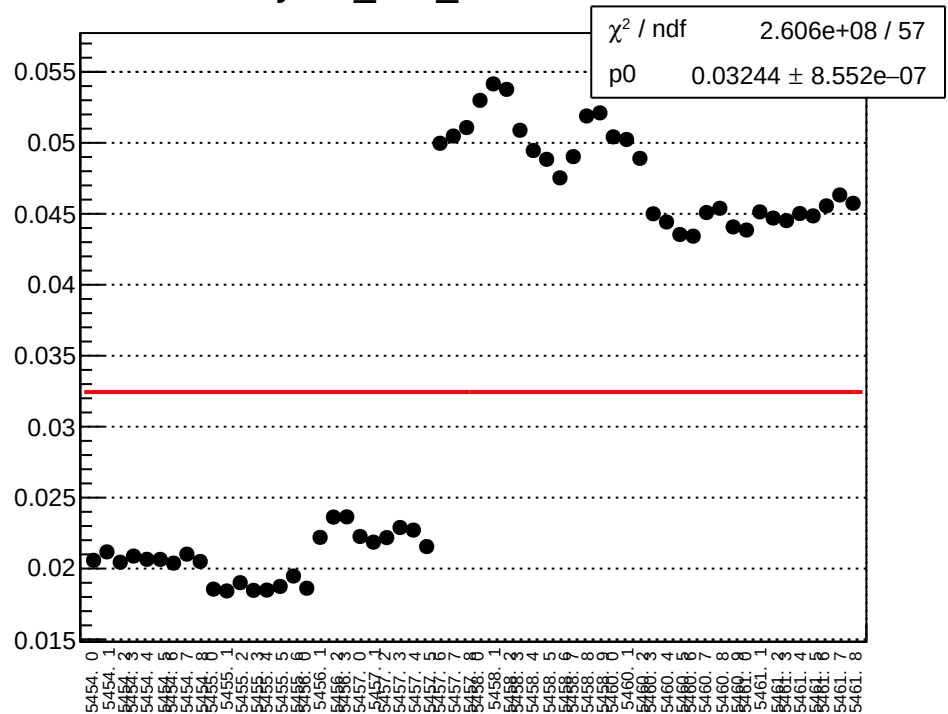
yield\_atl1\_mean vs run



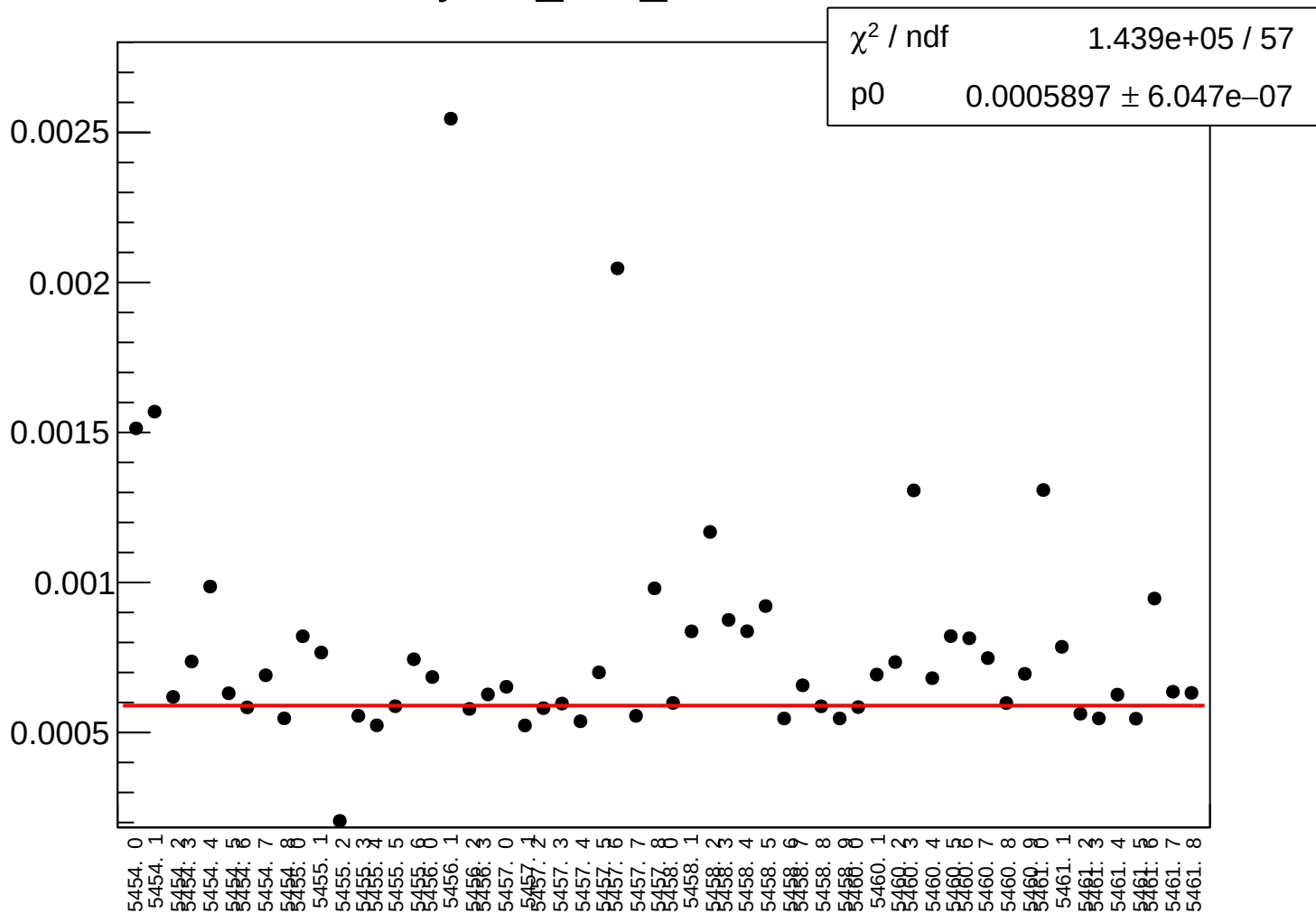
# yield\_atl1\_rms vs run



yield\_atl2\_mean vs run

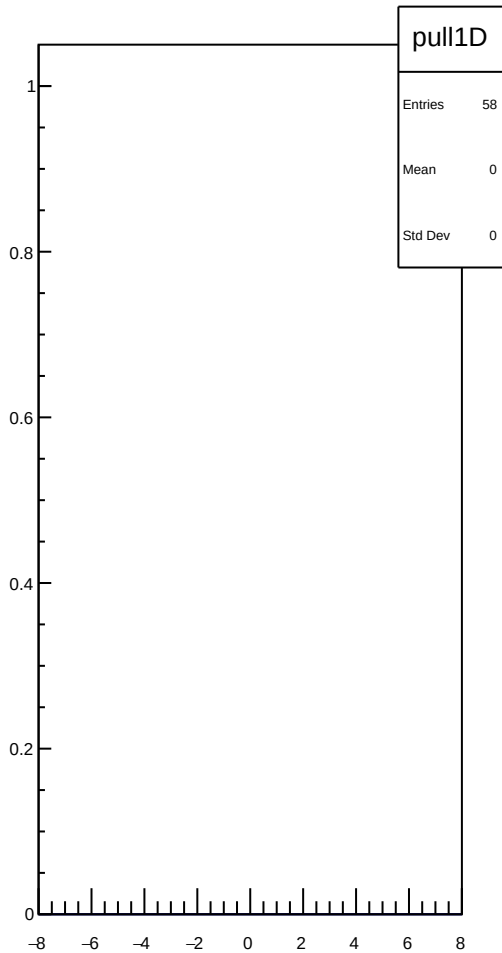
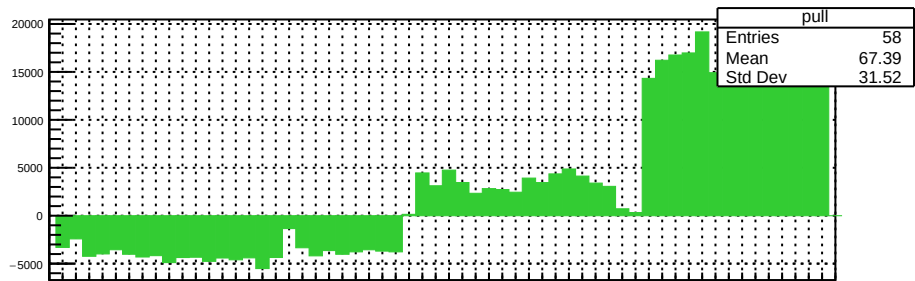
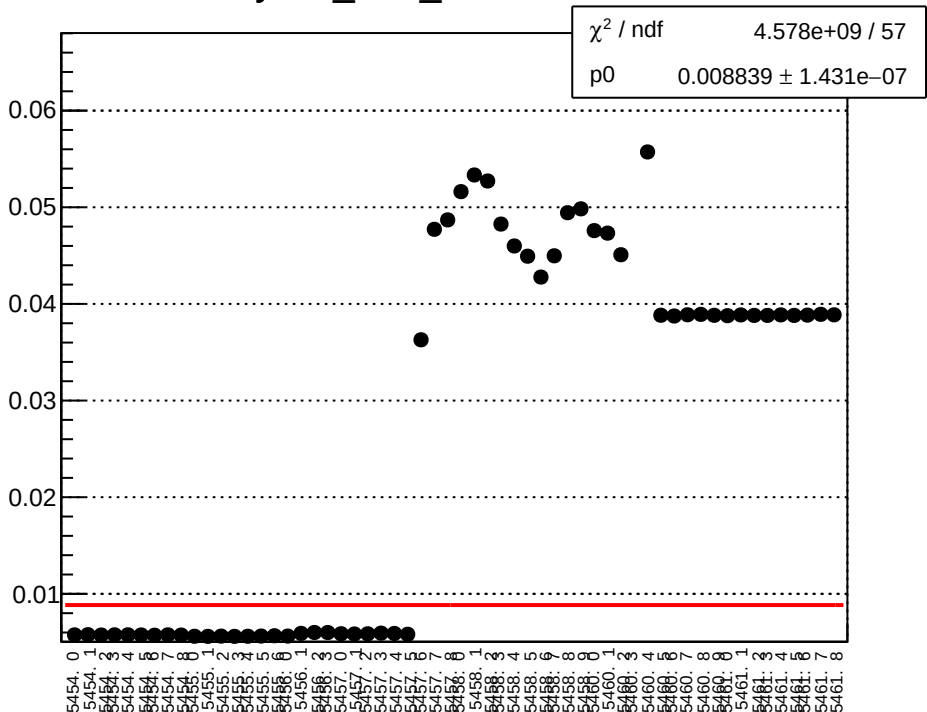


# yield\_atl2\_rms vs run

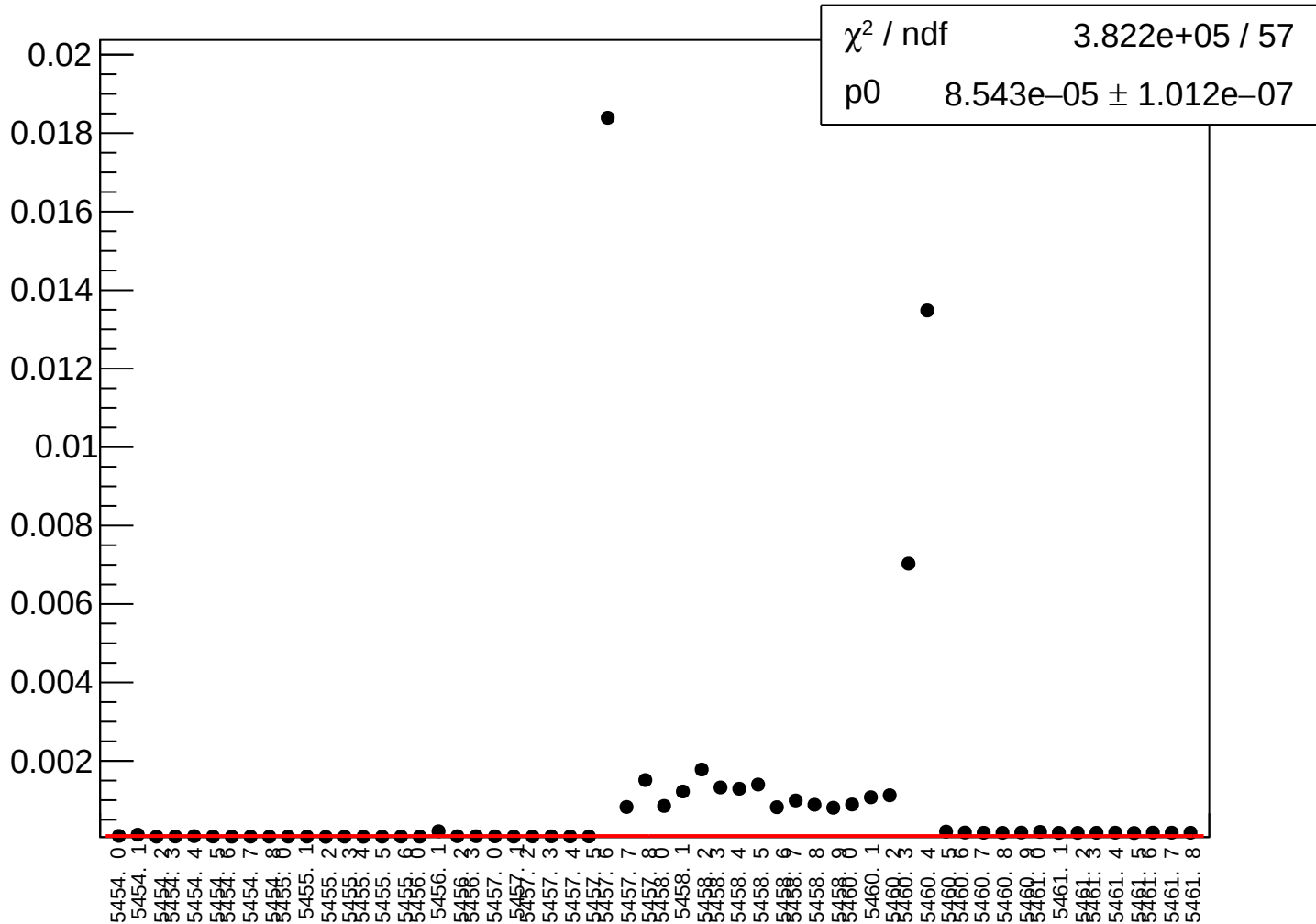




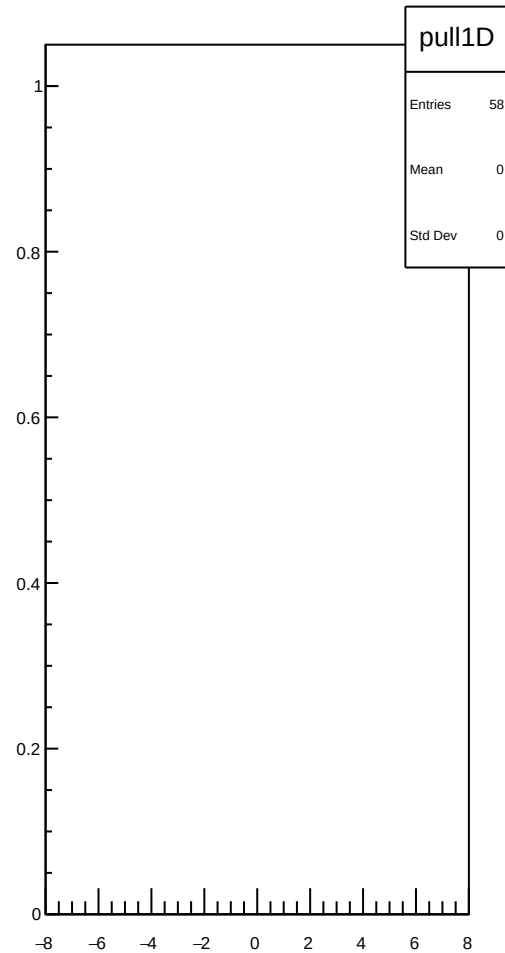
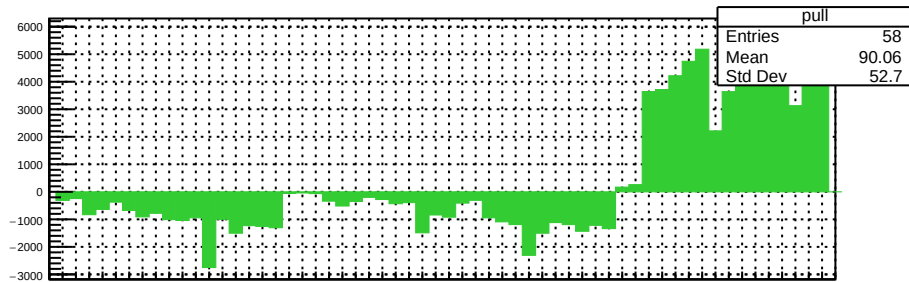
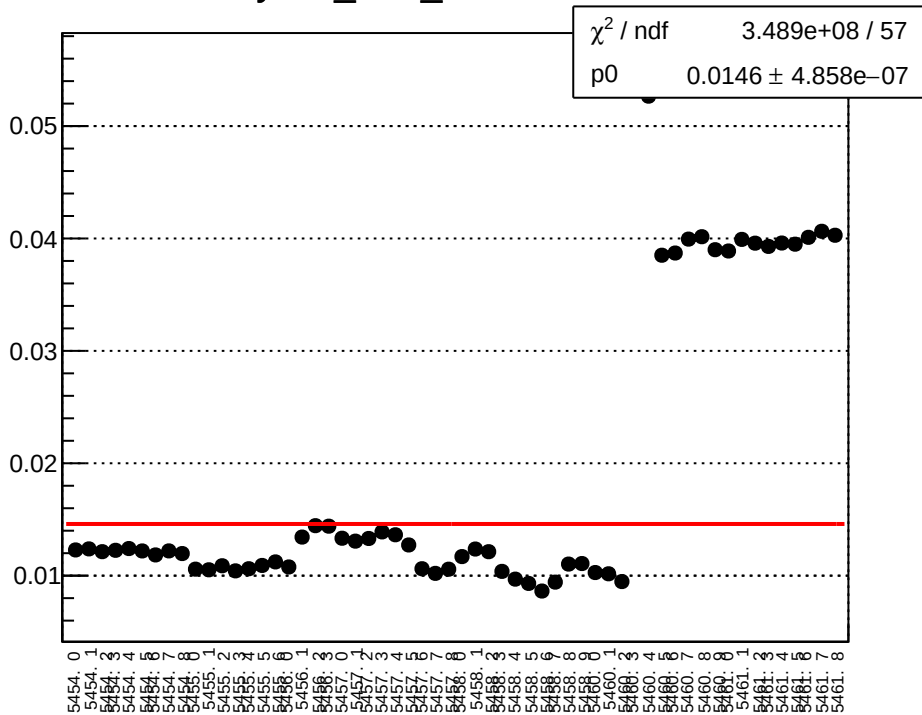
yield\_atr1\_mean vs run



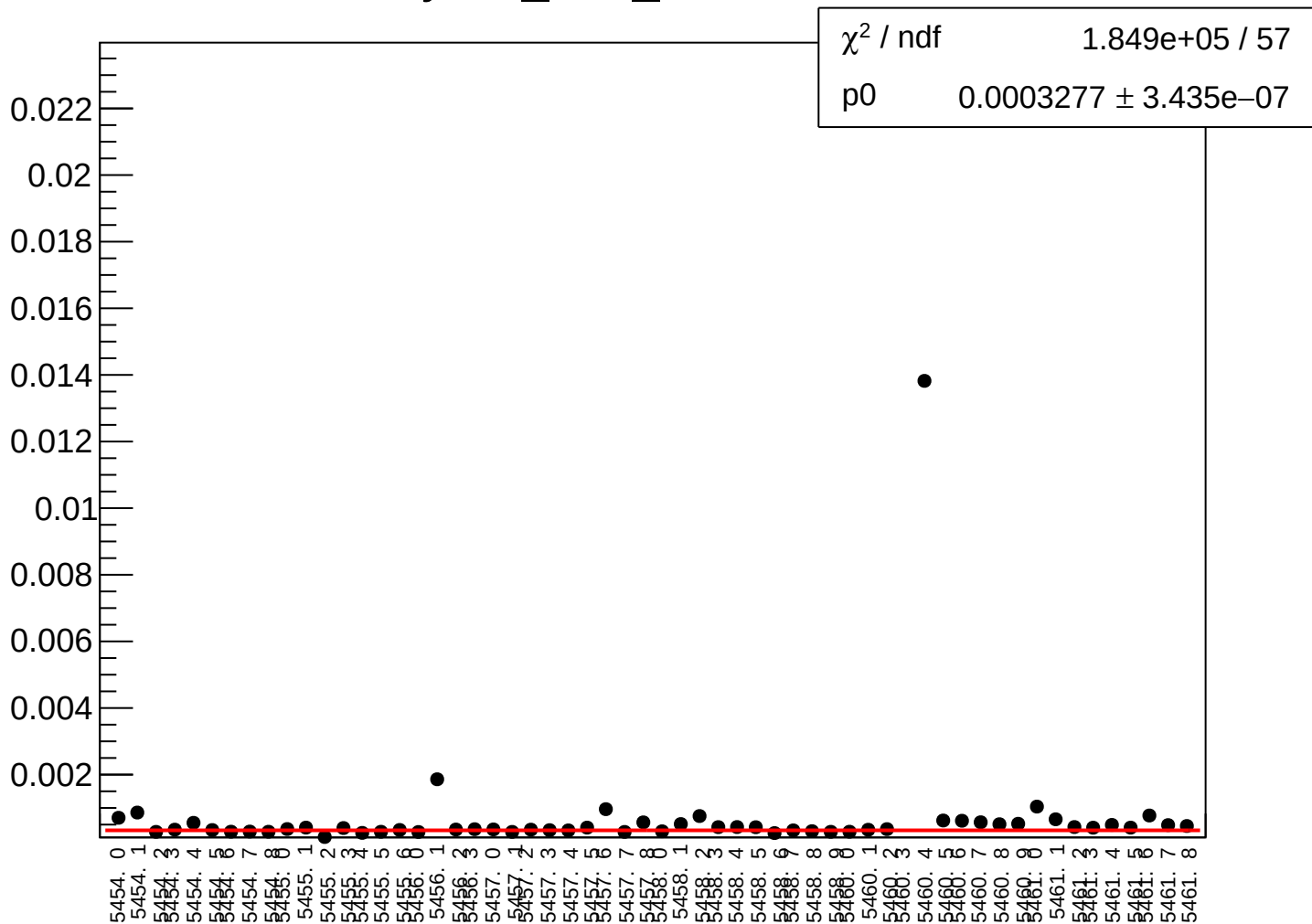
# yield\_atr1\_rms vs run



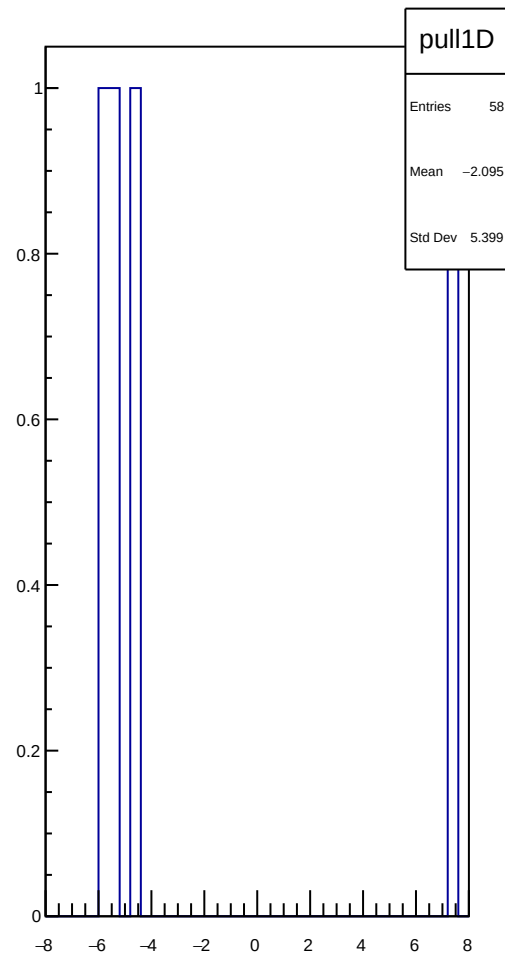
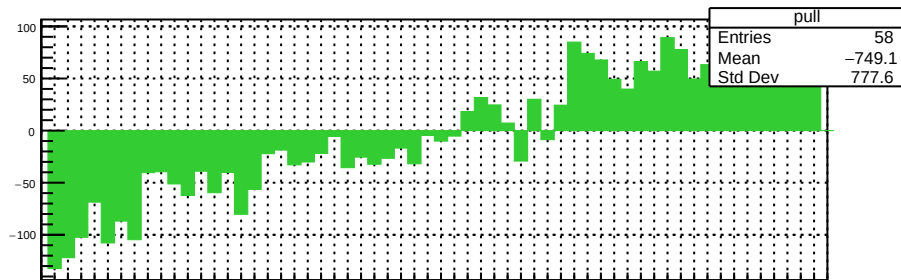
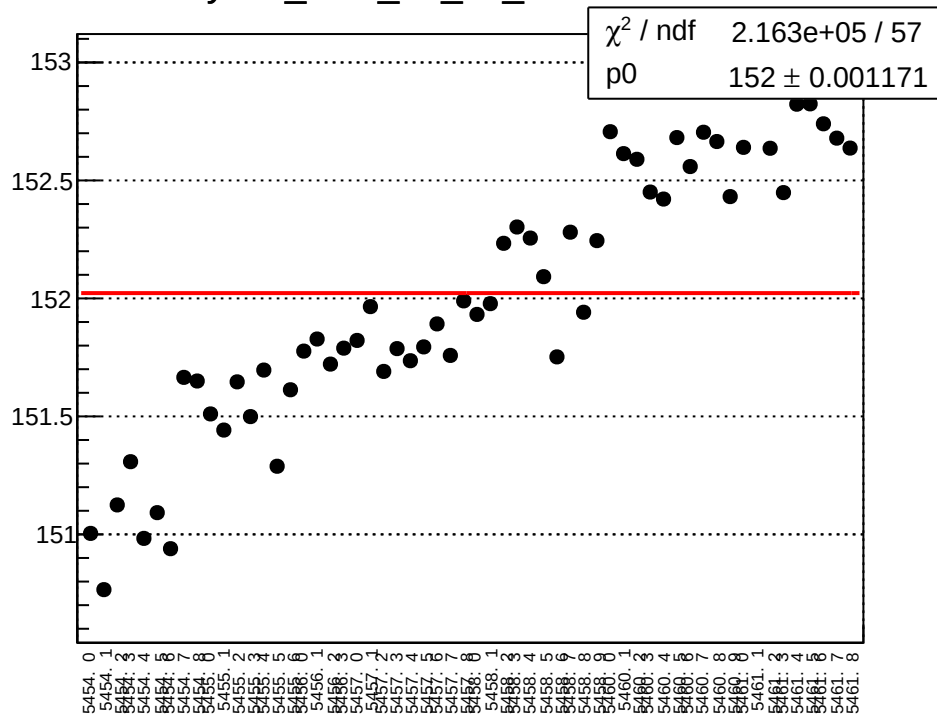
# yield\_atr2\_mean vs run



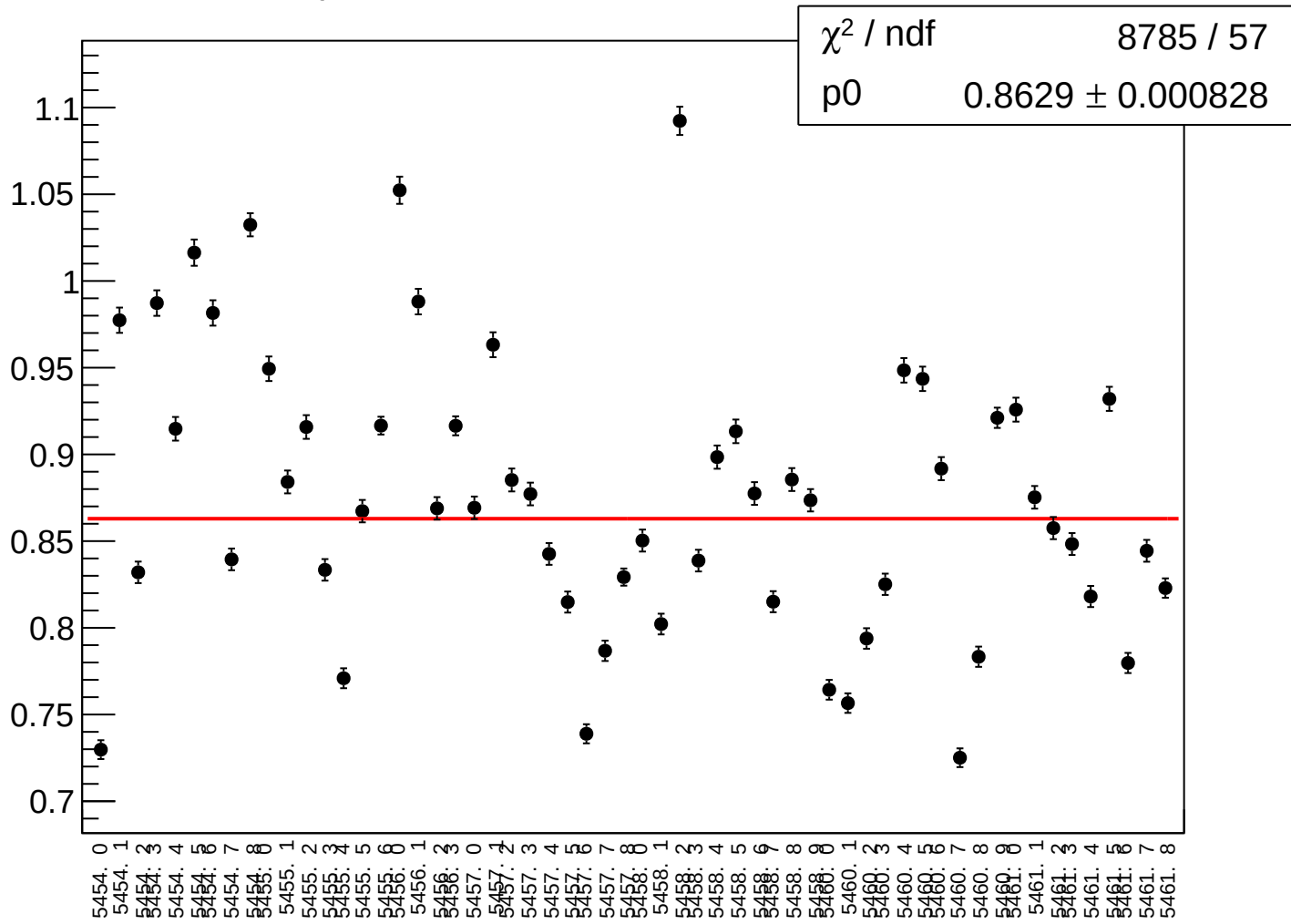
# yield\_atr2\_rms vs run



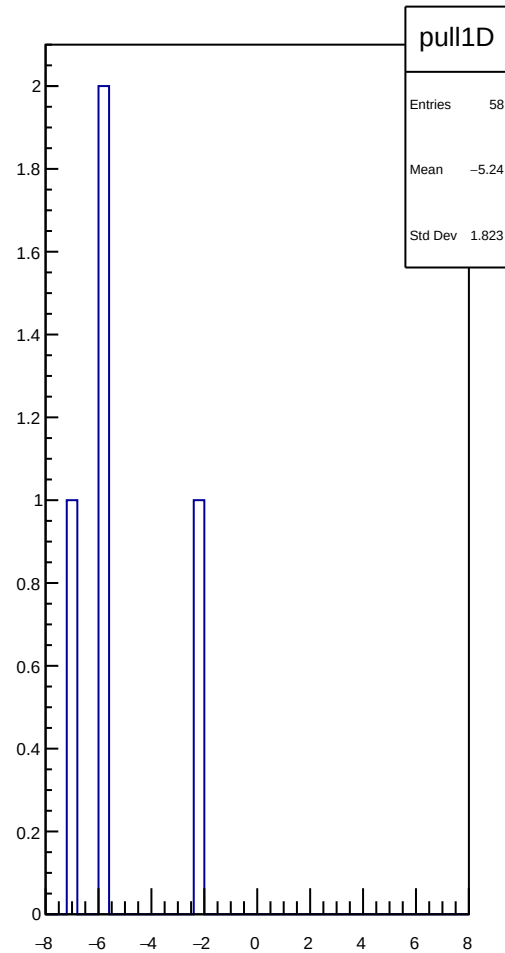
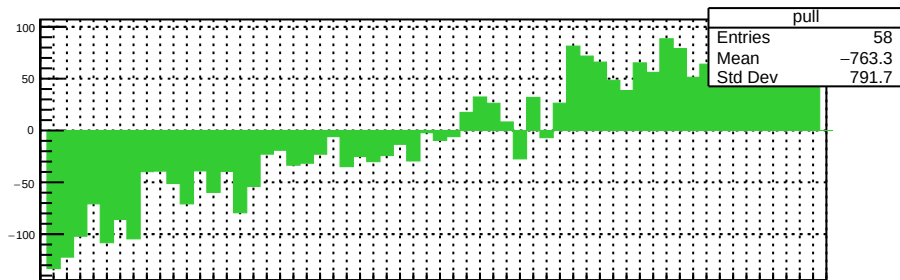
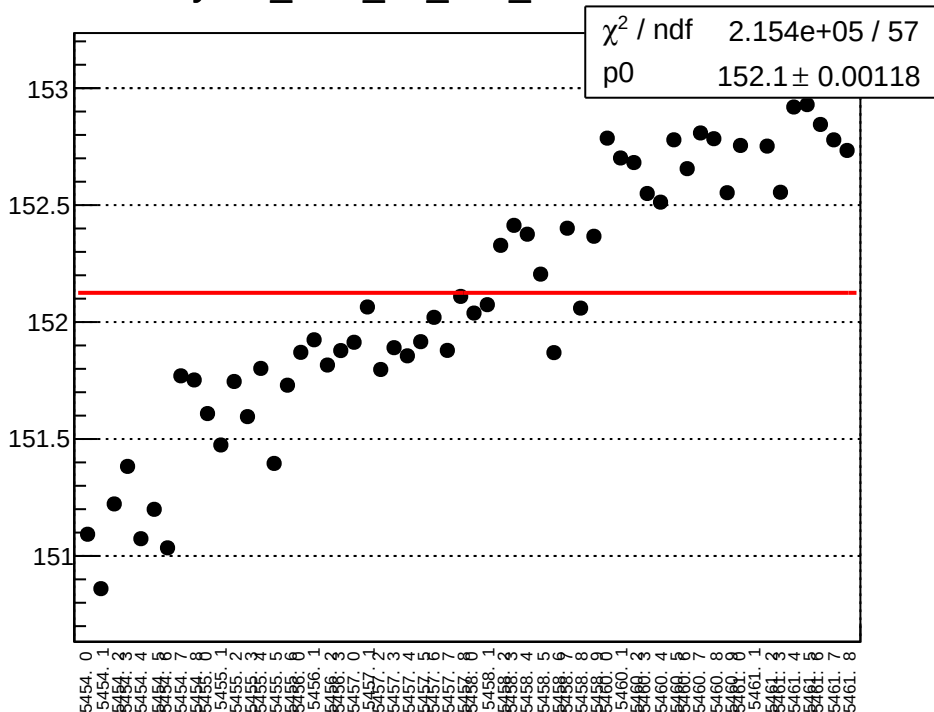
yield\_bcm\_an\_ds\_mean vs run



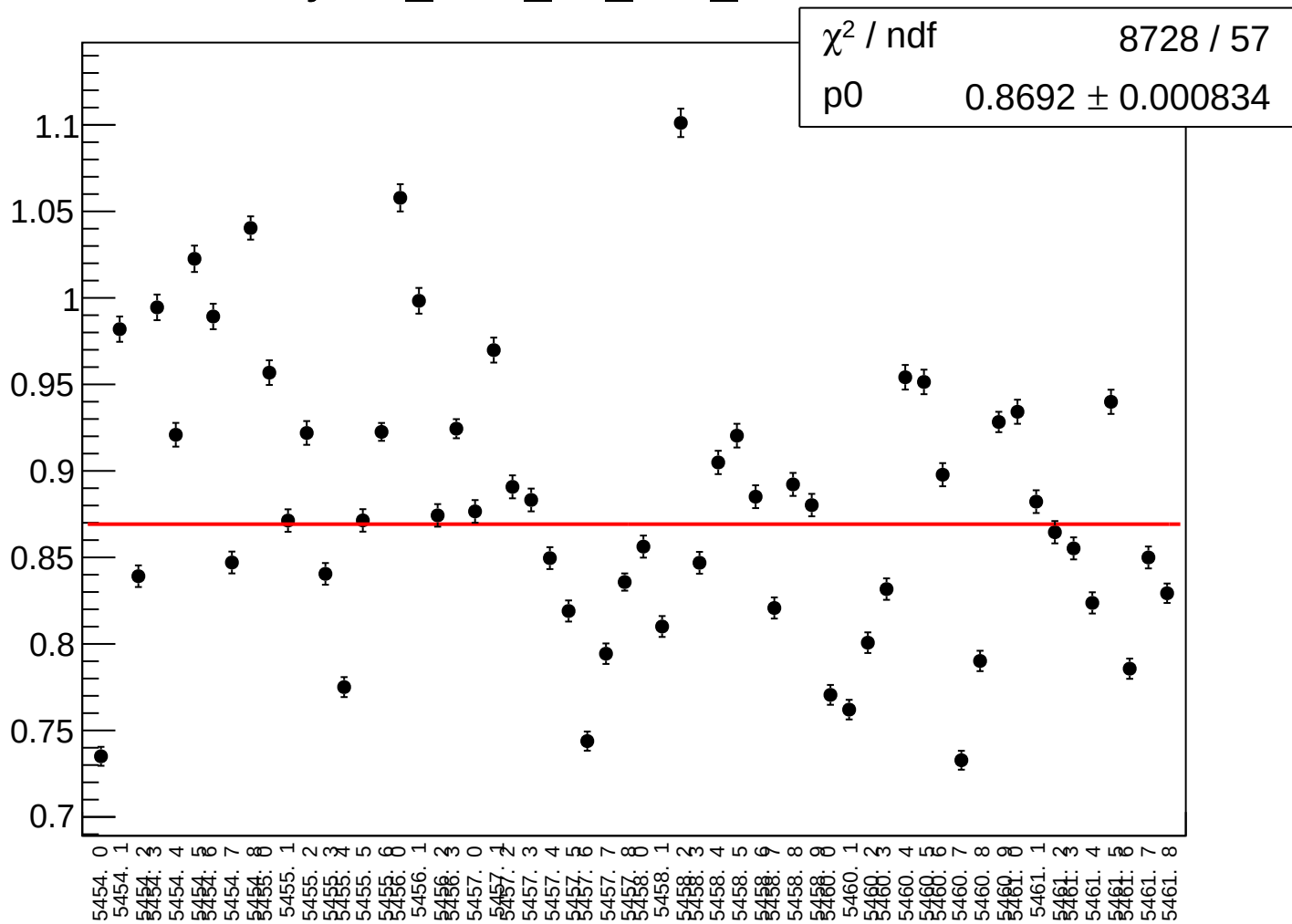
# yield\_bcm\_an\_ds\_rms vs run



yield\_bcm\_an\_ds3\_mean vs run

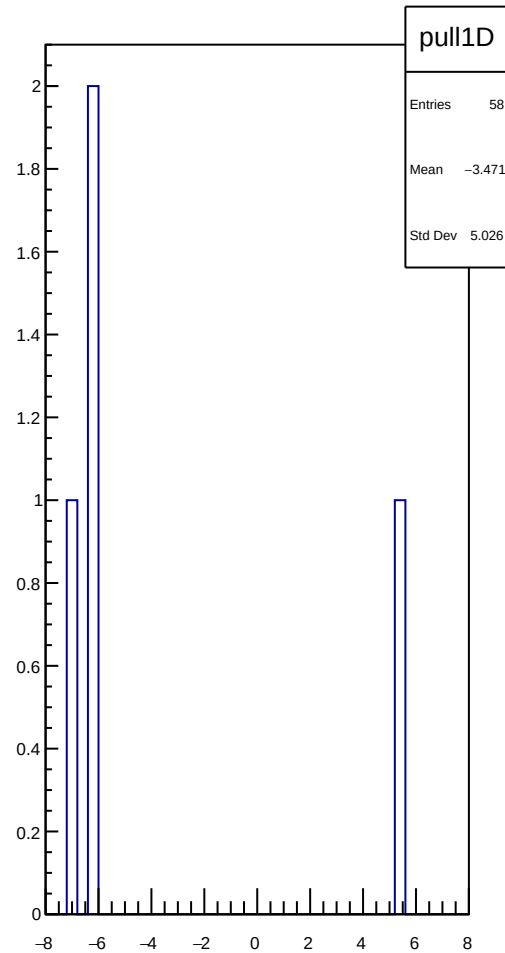
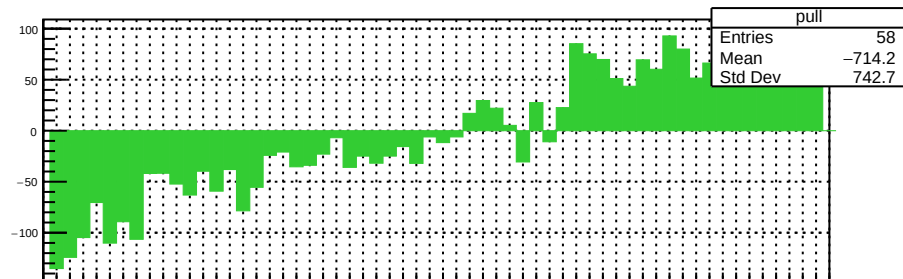
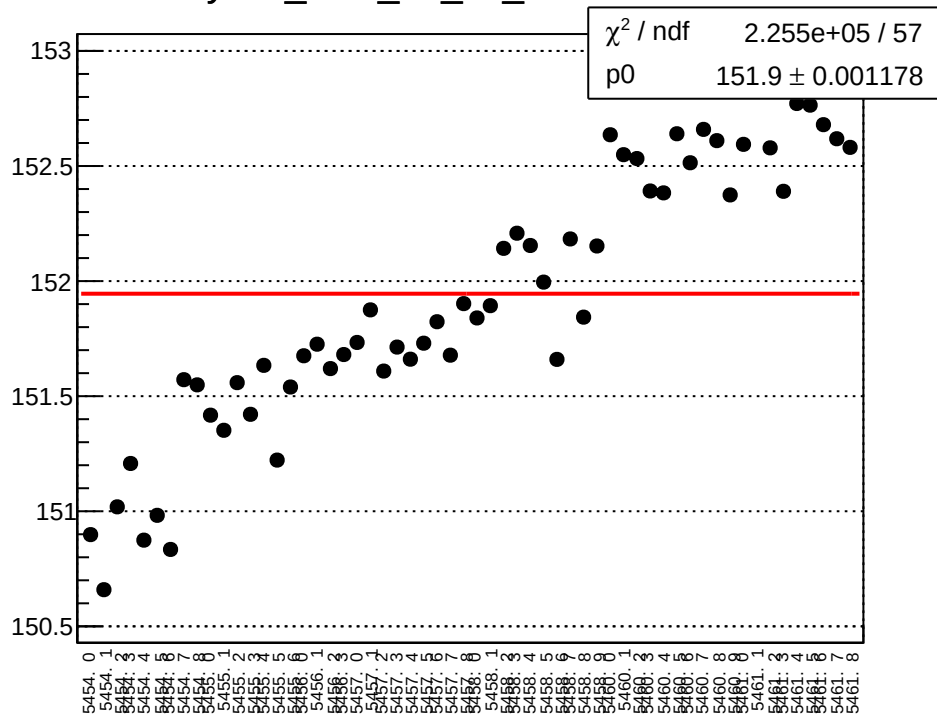


# yield\_bcm\_an\_ds3\_rms vs run

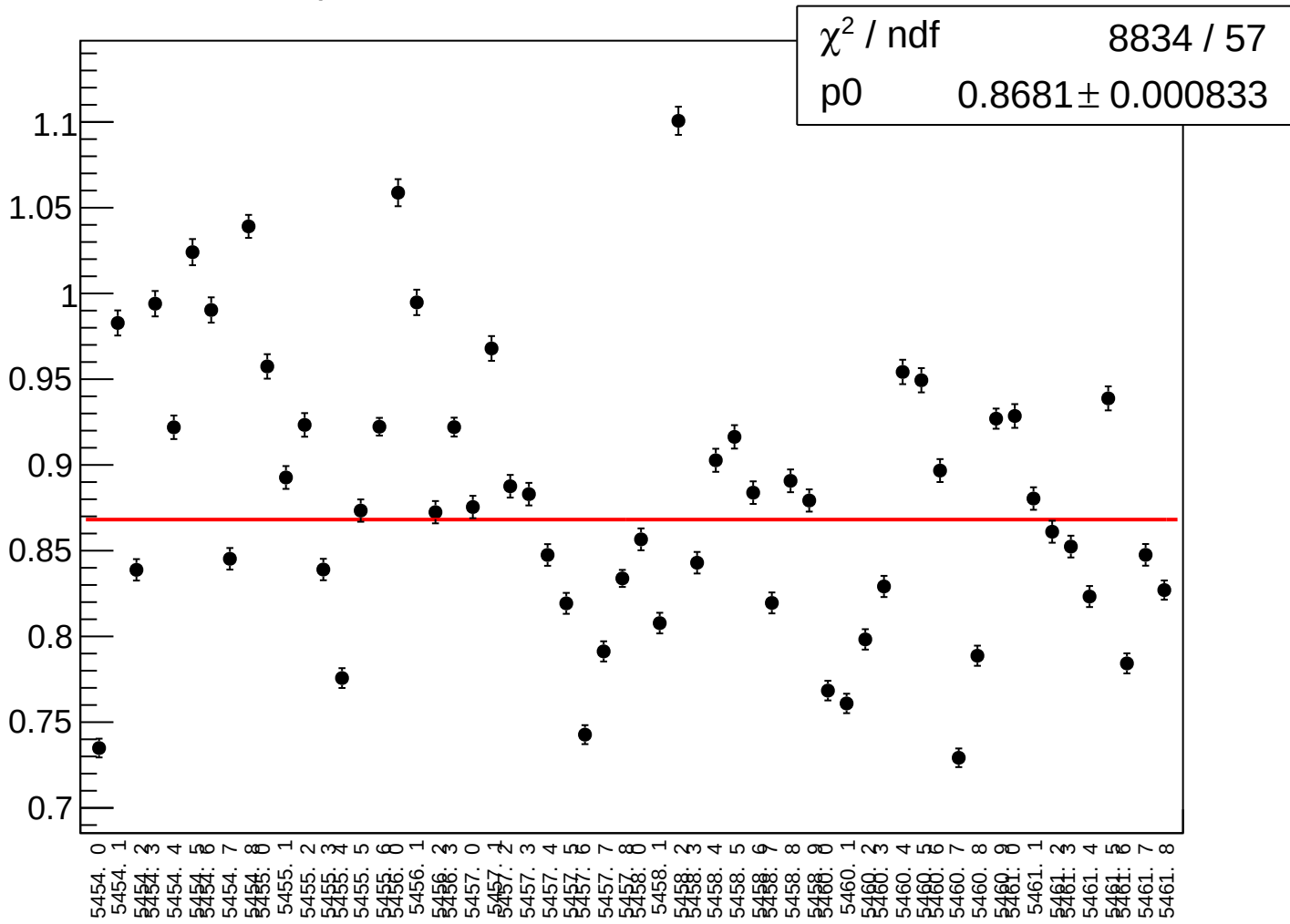




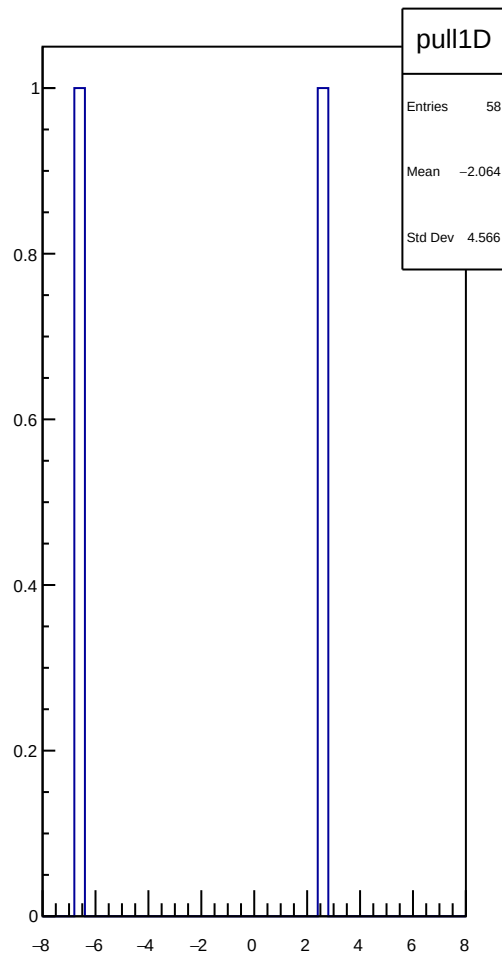
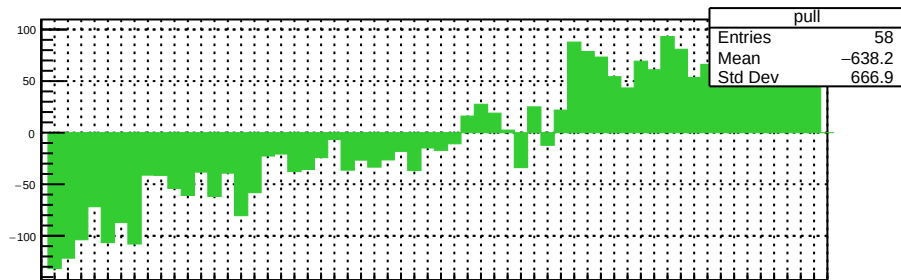
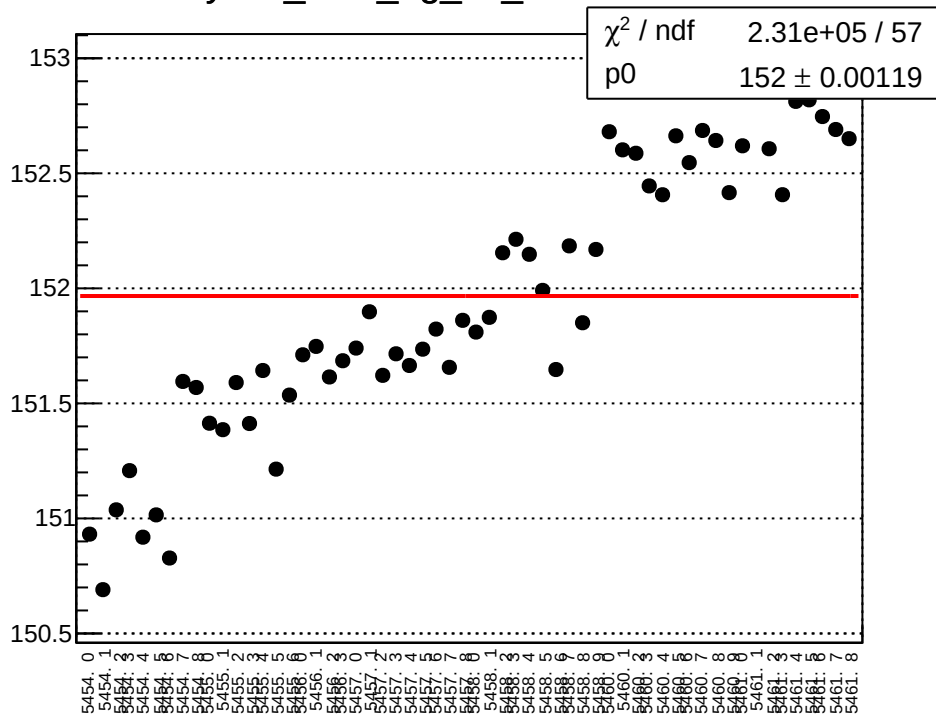
yield\_bcm\_an\_us\_mean vs run



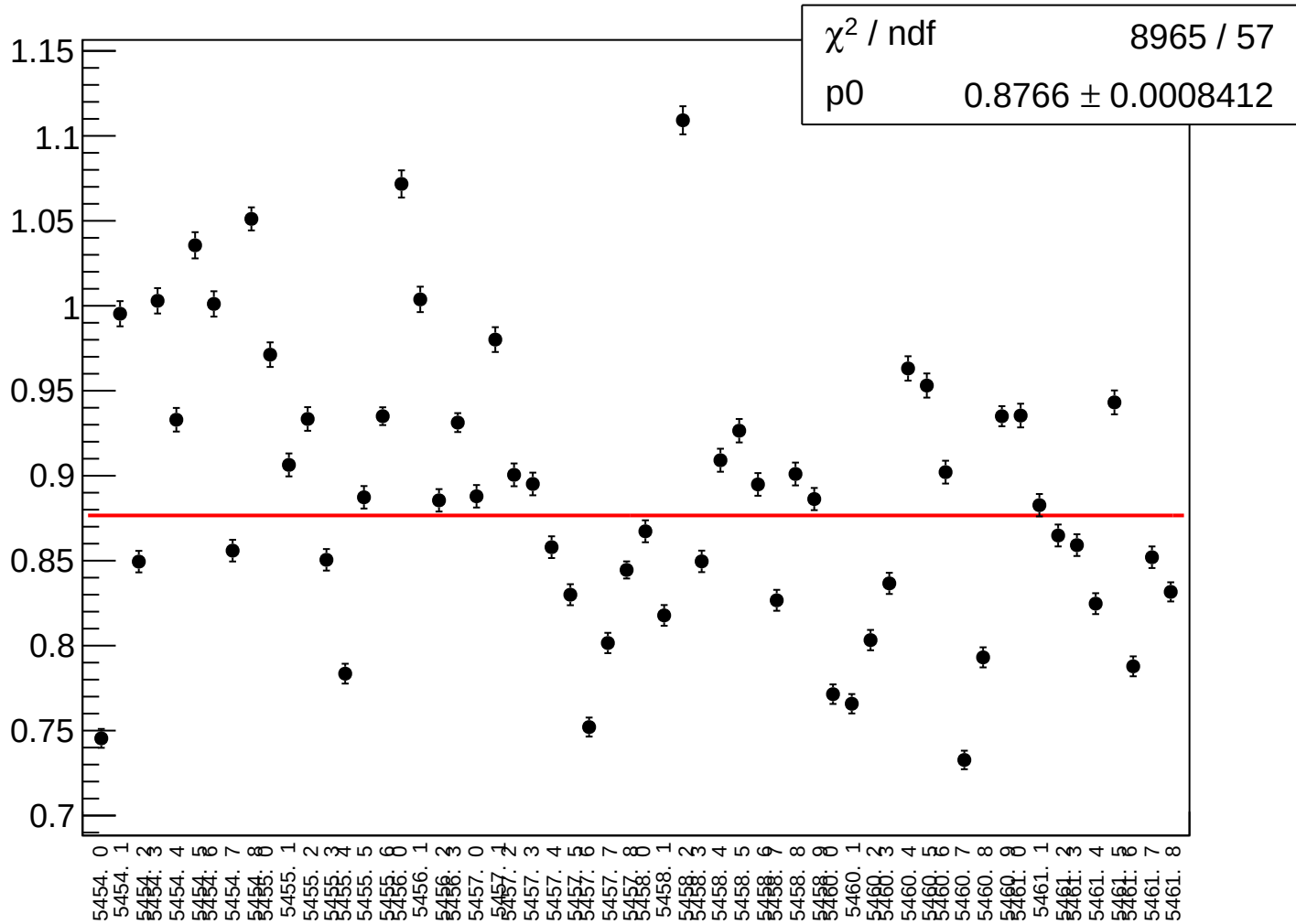
# yield\_bcm\_an\_us\_rms vs run



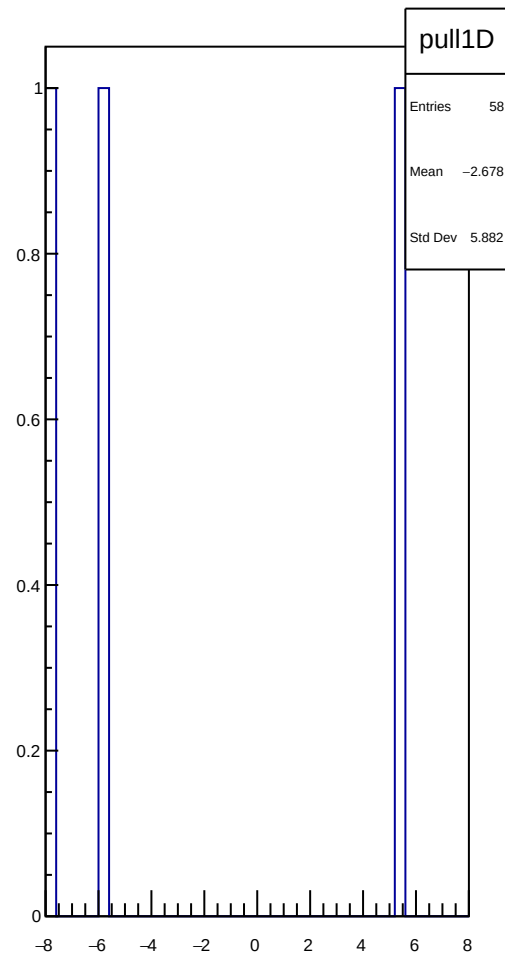
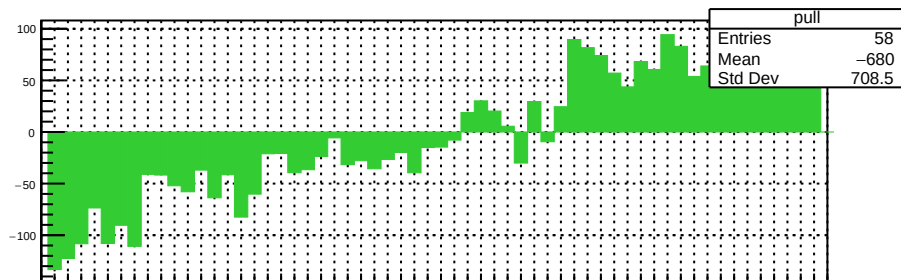
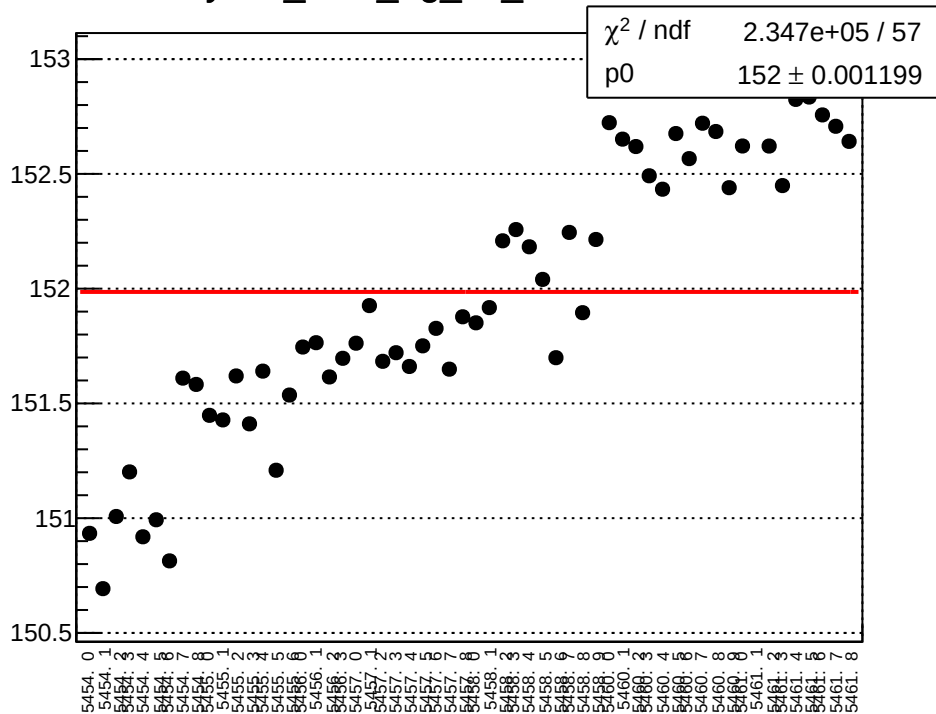
yield\_bcm\_dg\_us\_mean vs run



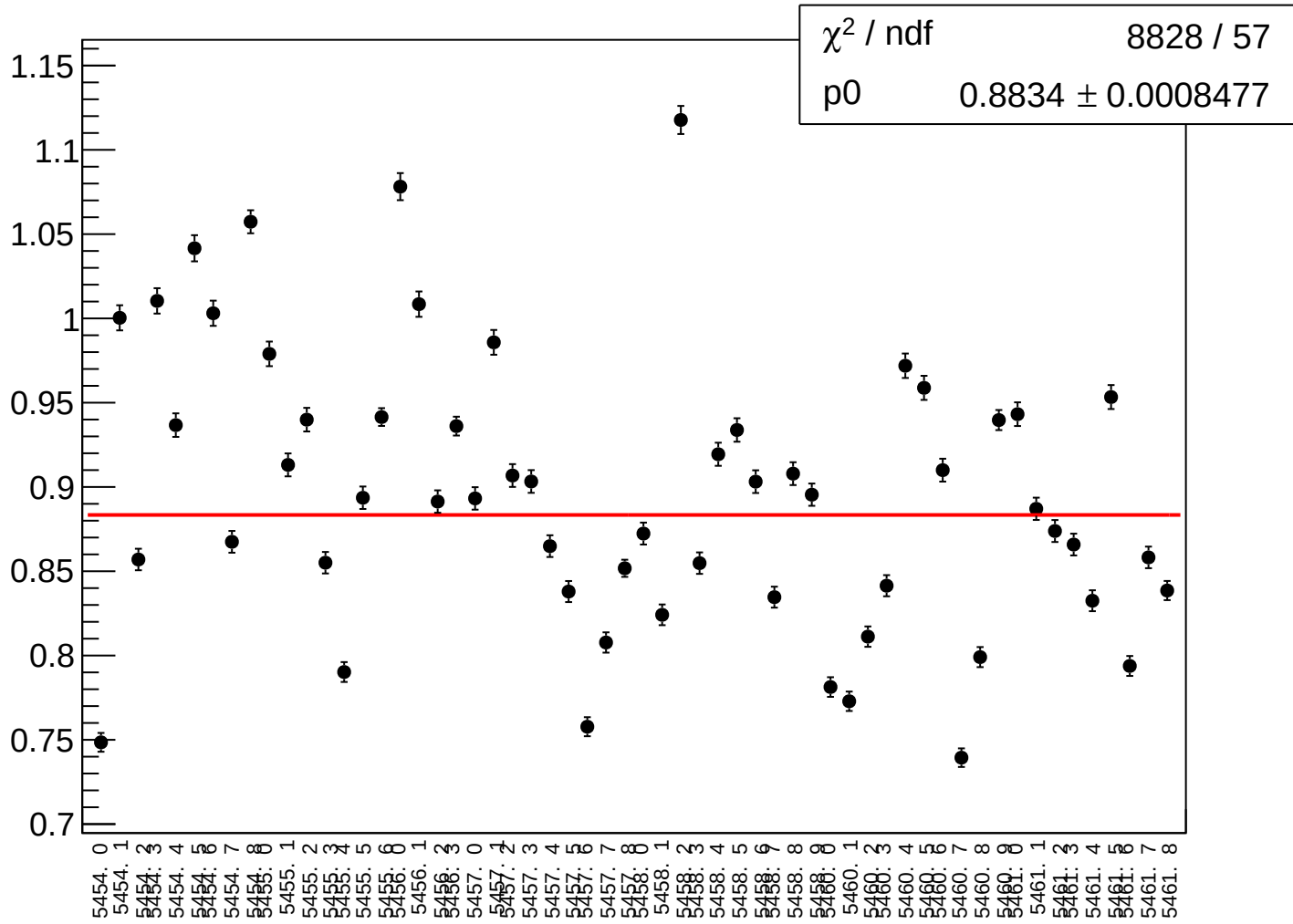
# yield\_bcm\_dg\_us\_rms vs run



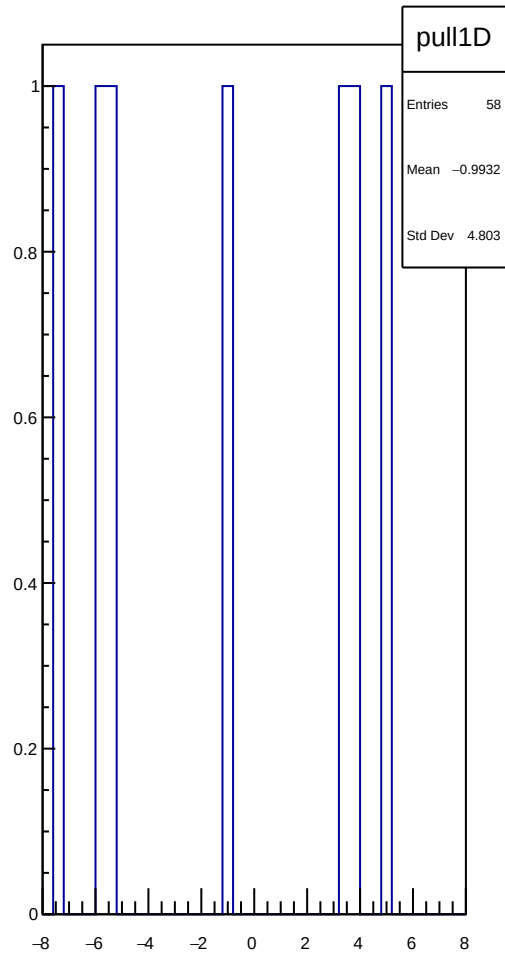
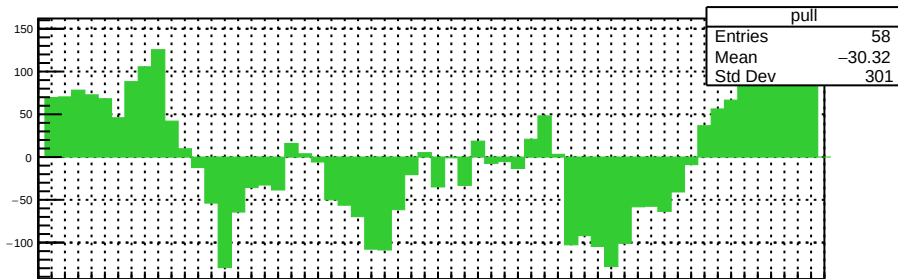
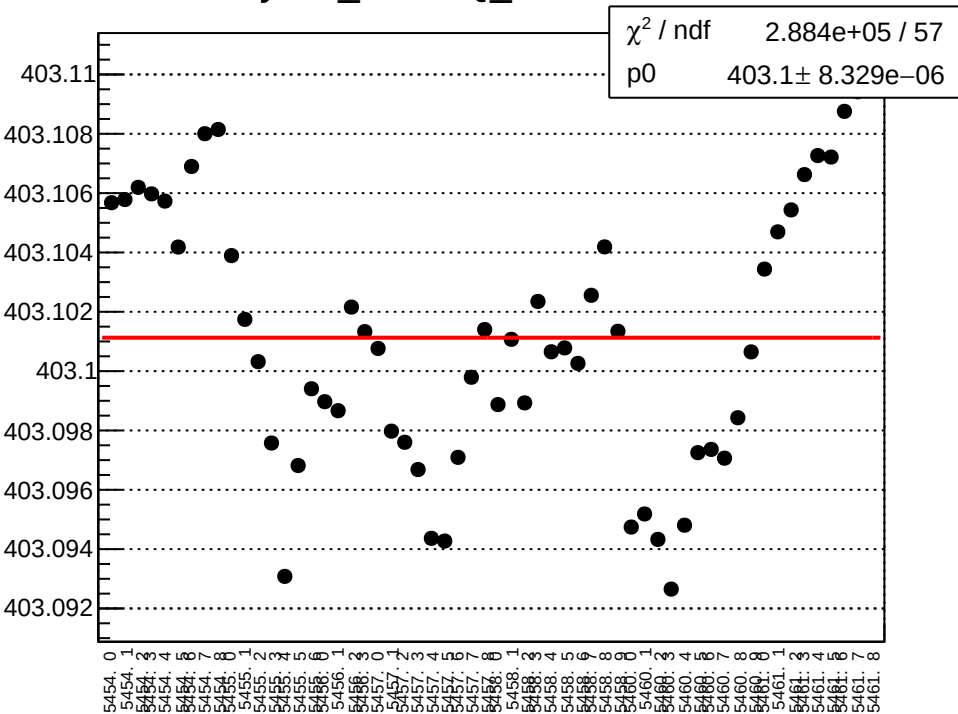
yield\_bcm\_dg\_ds\_mean vs run



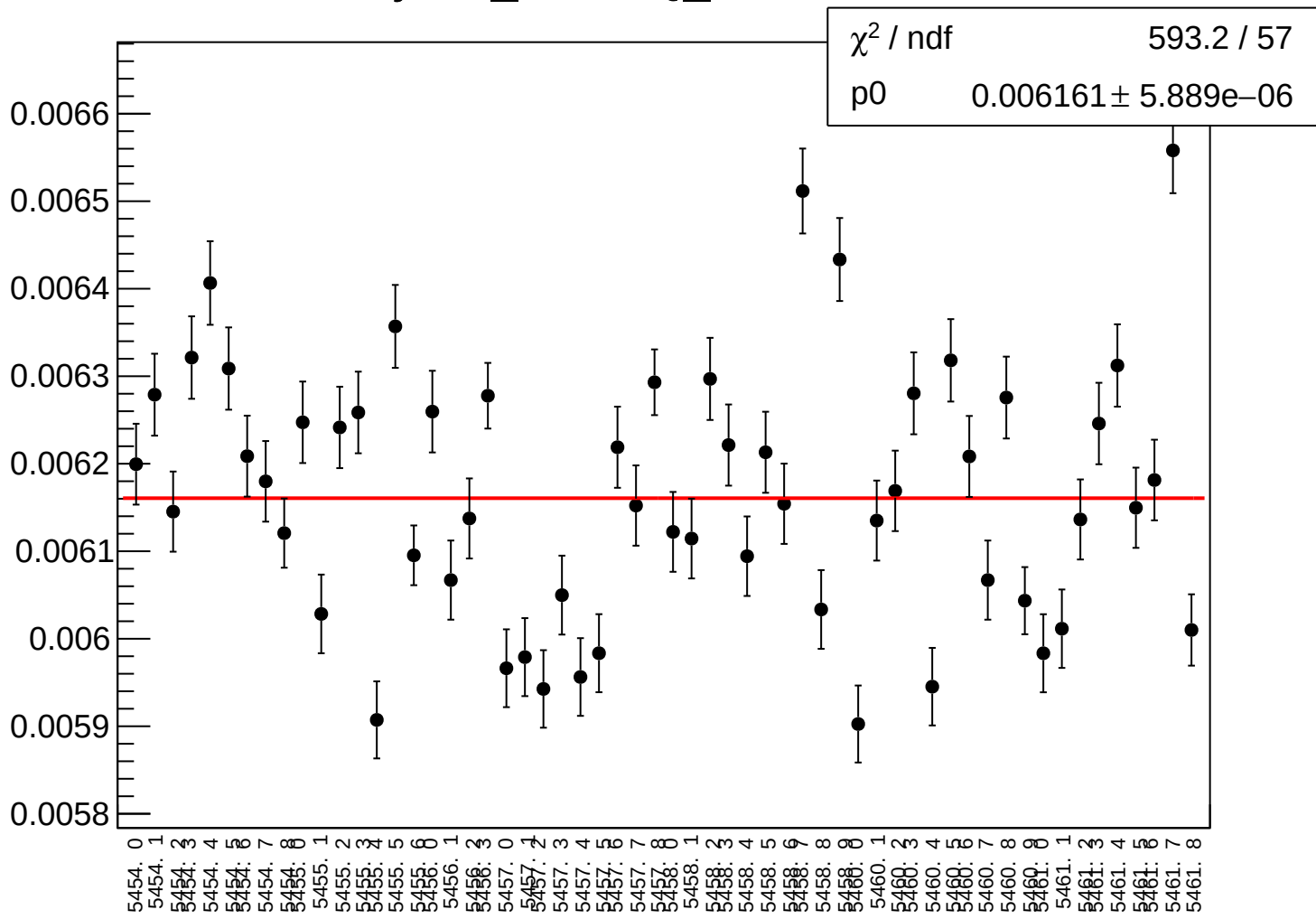
# yield\_bcm\_dg\_ds\_rms vs run



# yield\_cav4bQ\_mean vs run

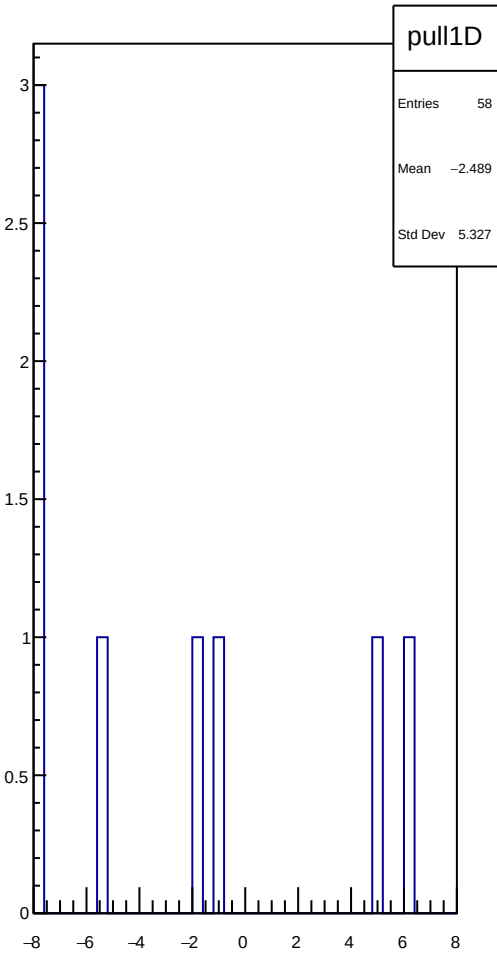
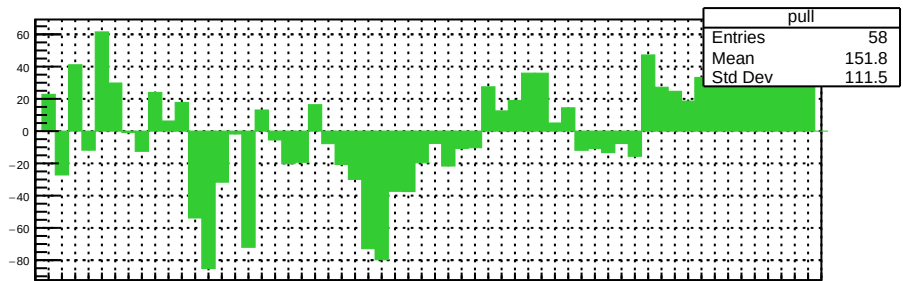
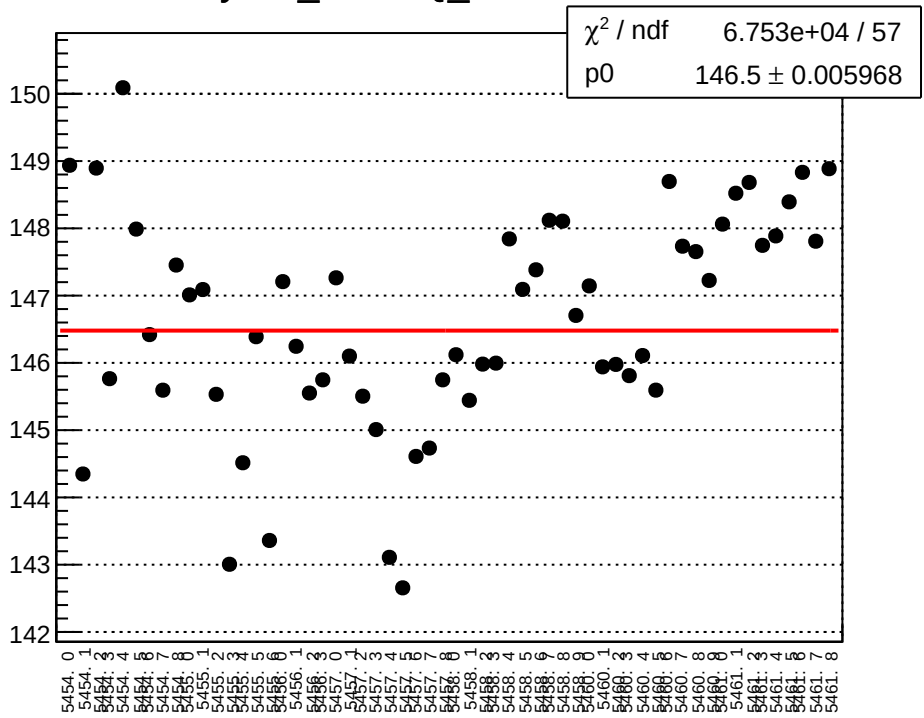


# yield\_cav4bQ\_rms vs run



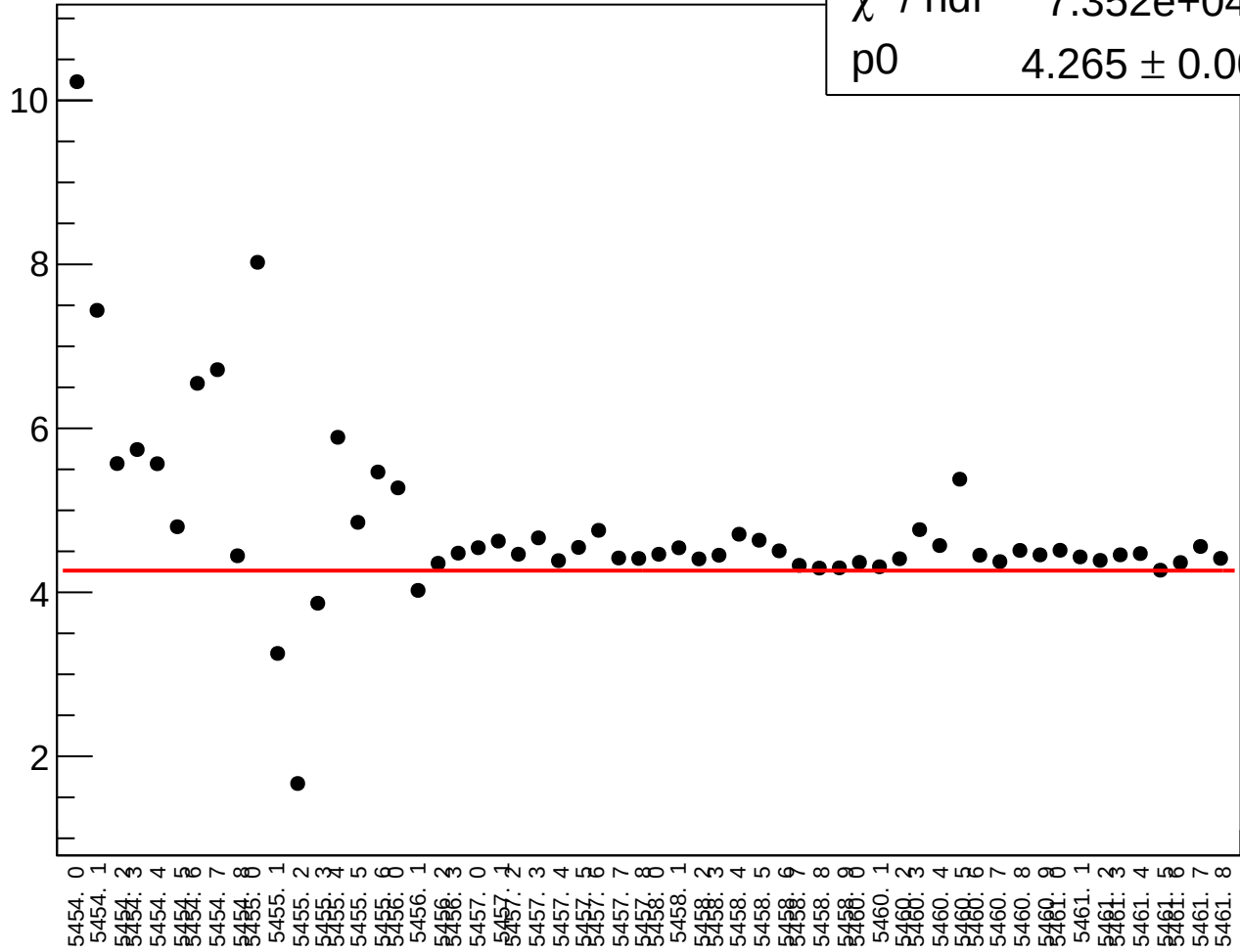


yield\_cav4cQ\_mean vs run

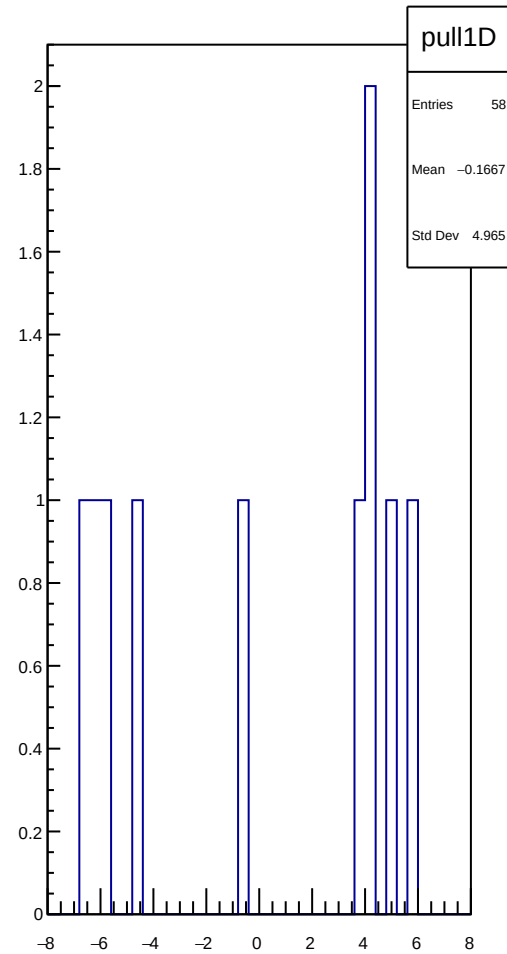
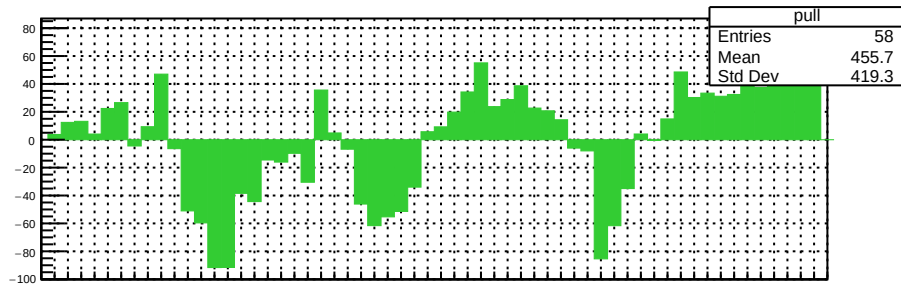
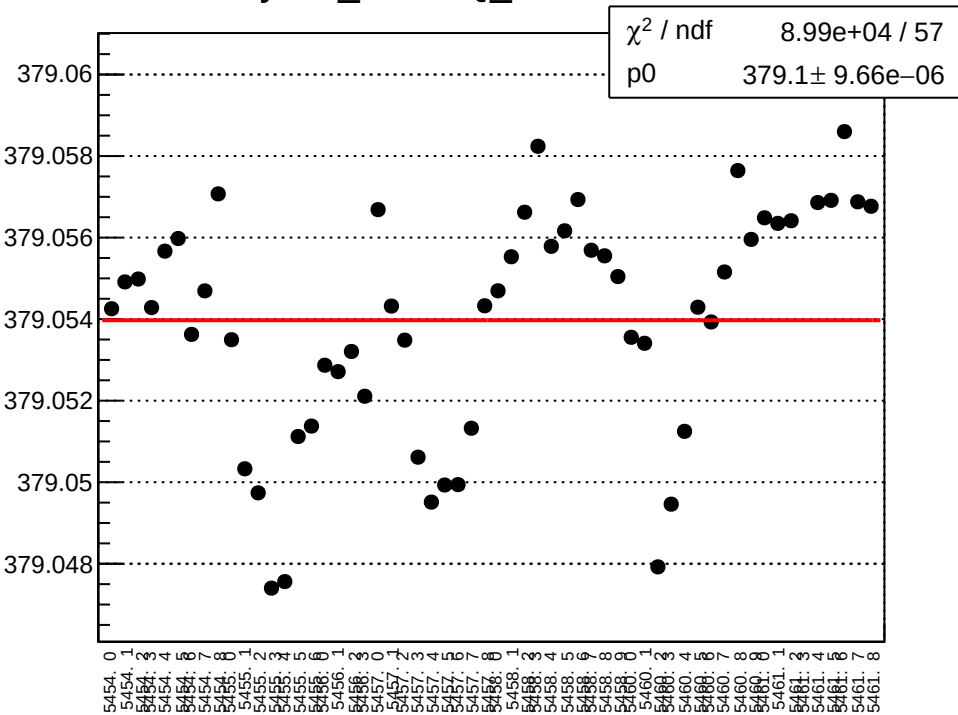


# yield\_cav4cQ\_rms vs run

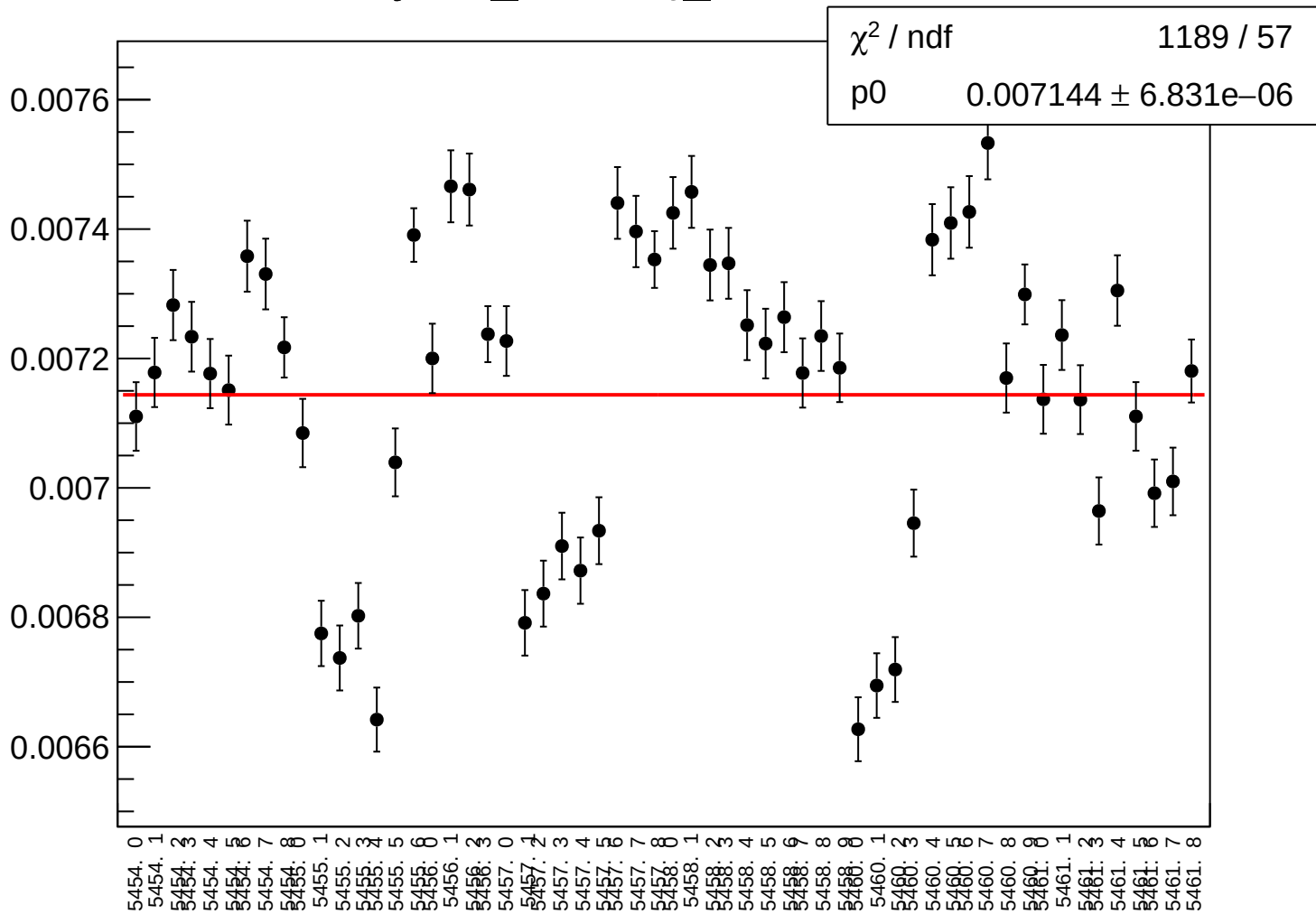
$\chi^2 / \text{ndf}$  7.352e+04 / 57  
p0  $4.265 \pm 0.00422$



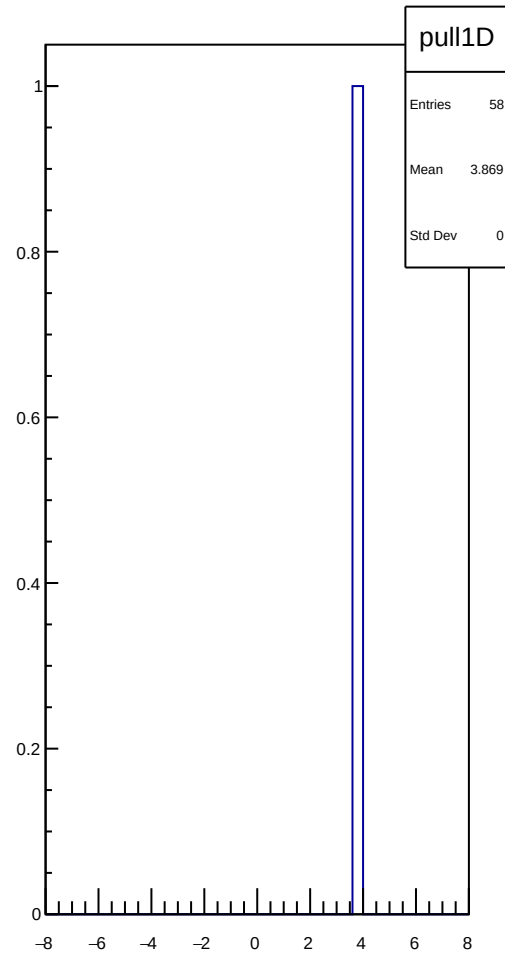
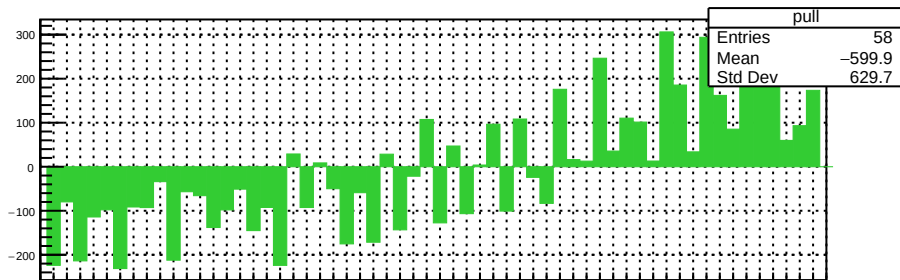
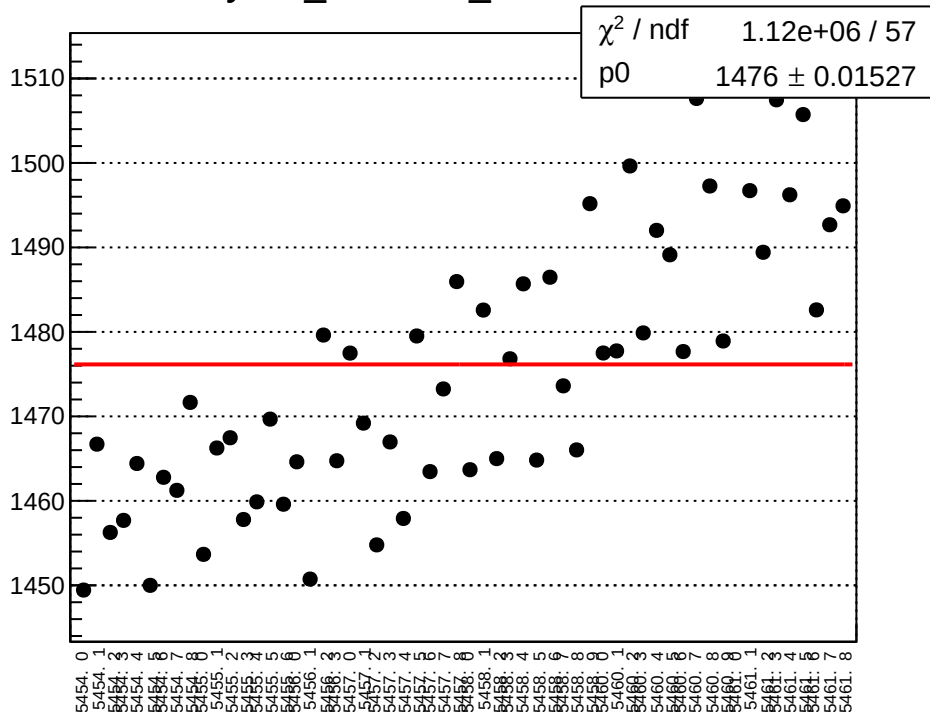
yield\_cav4dQ\_mean vs run



# yield\_cav4dQ\_rms vs run

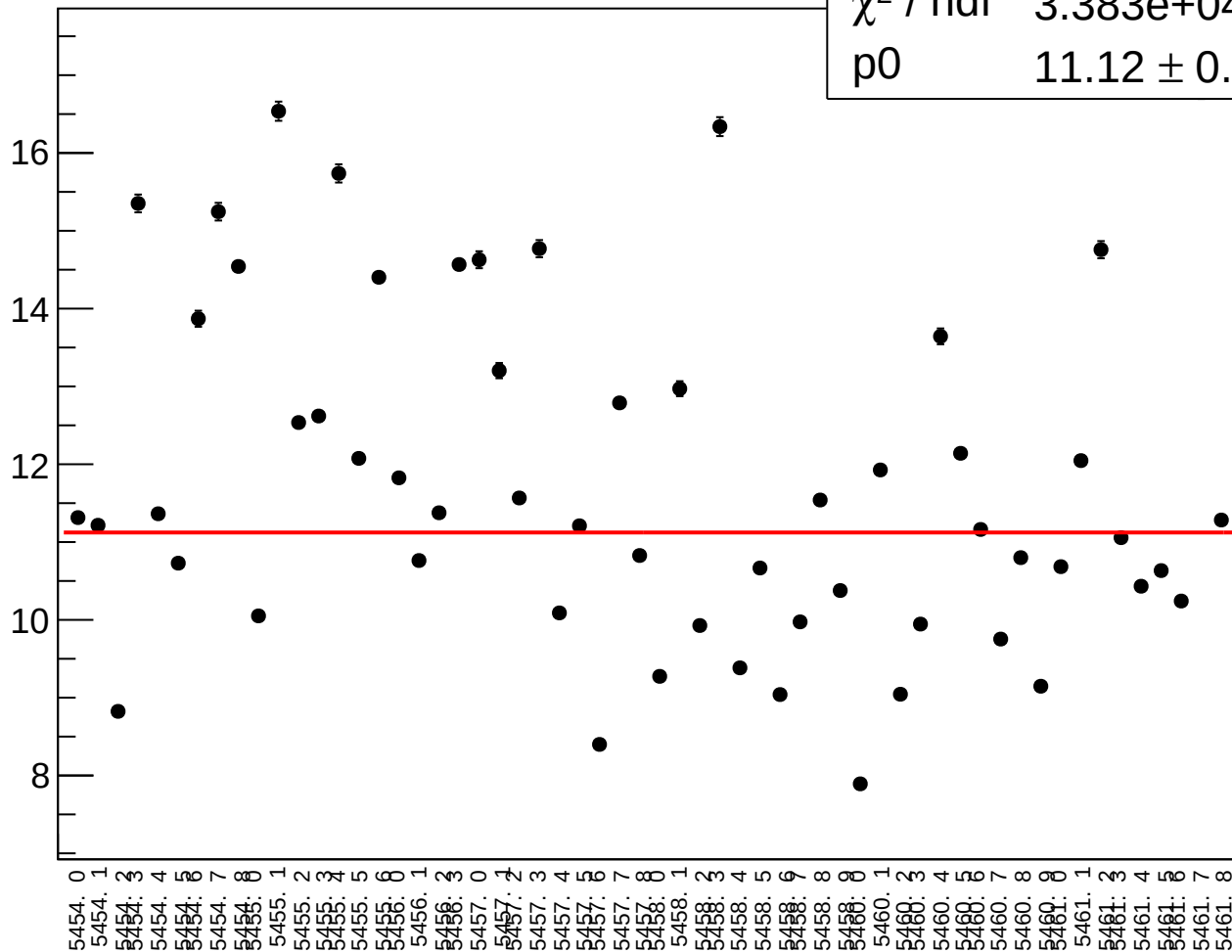


yield\_bcm0l02\_mean vs run

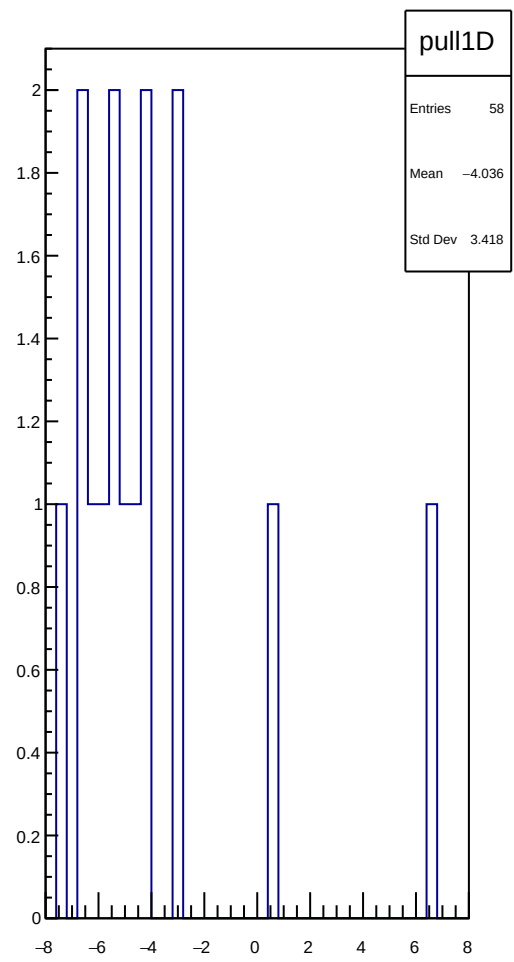
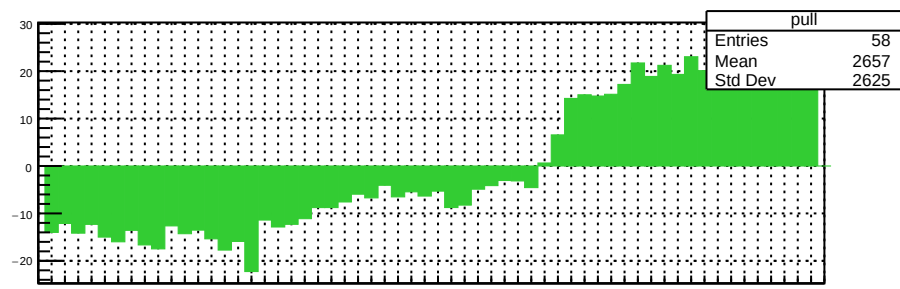
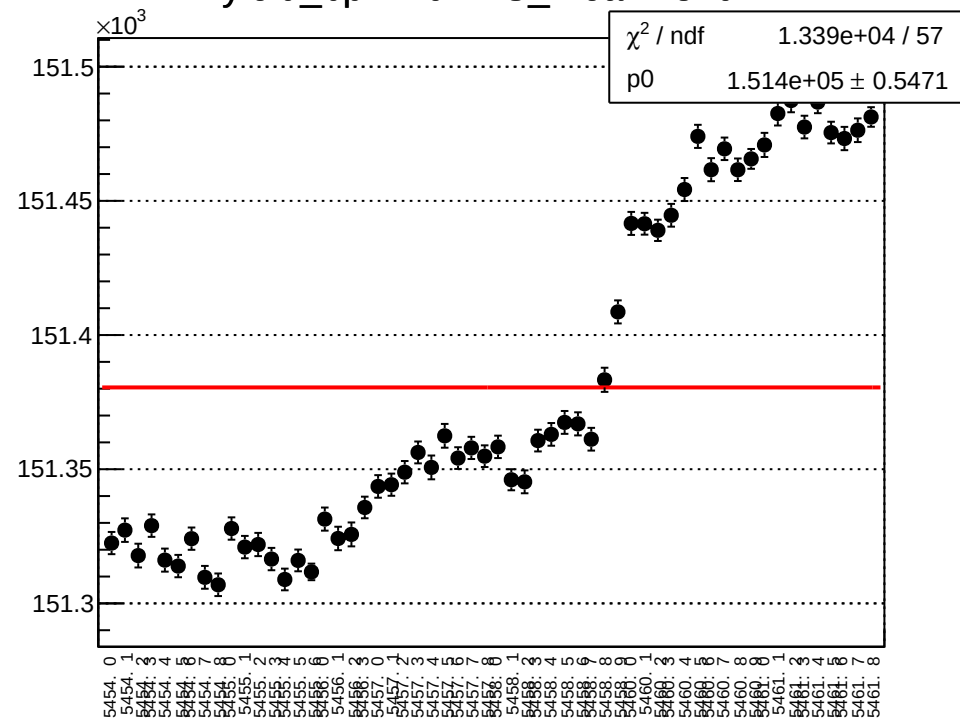


yield\_bcm0l02\_rms vs run

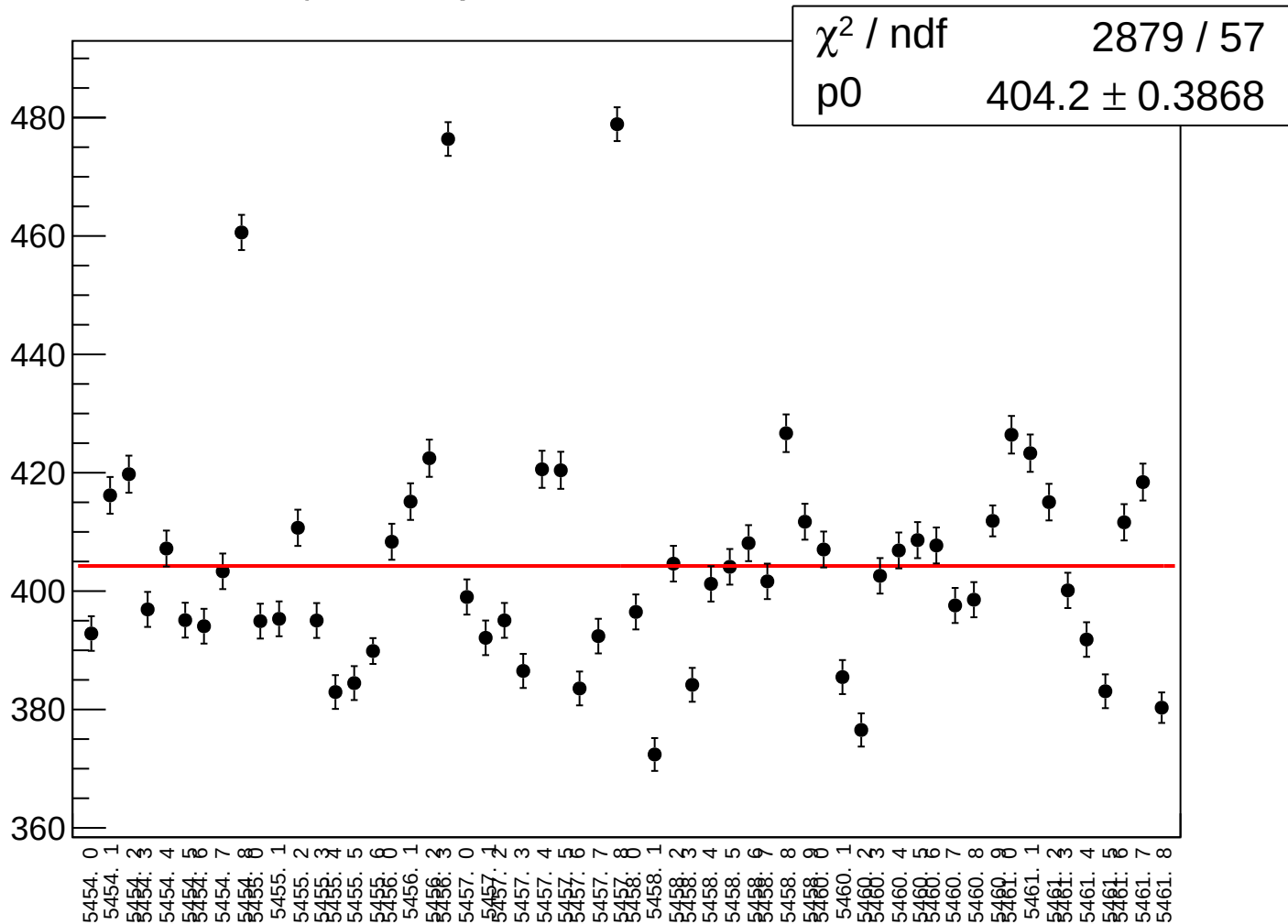
$\chi^2 / \text{ndf}$  3.383e+04 / 57  
p0 11.12  $\pm$  0.0108



yield\_bpm2i01WS\_mean vs run

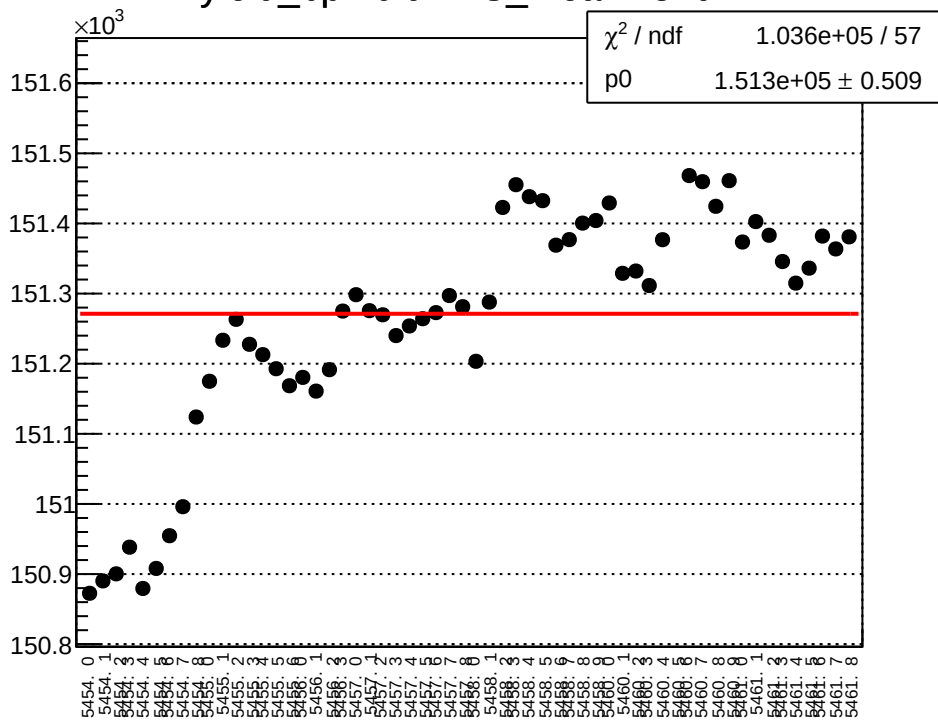


# yield\_bpm2i01WS\_rms vs run

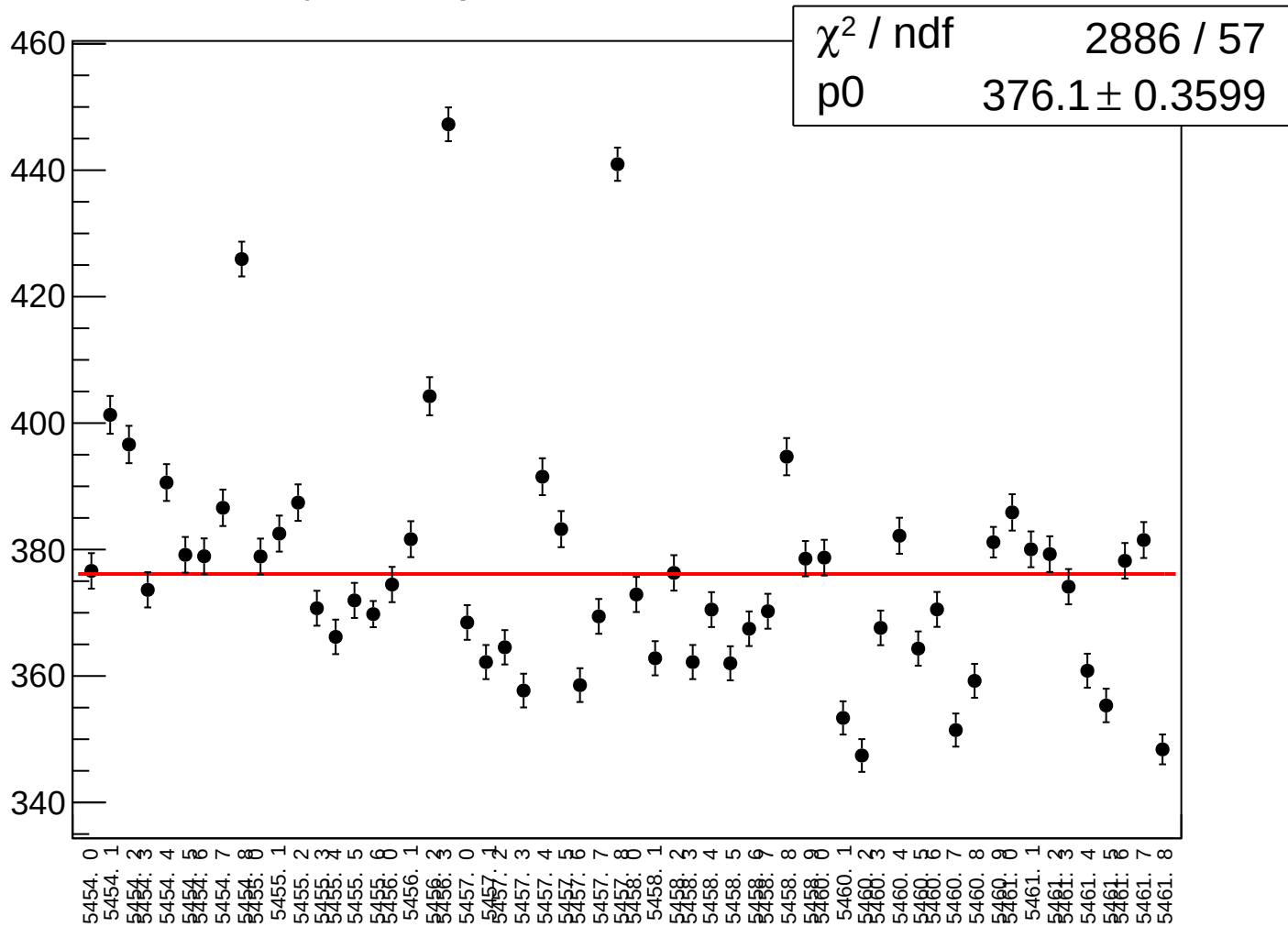




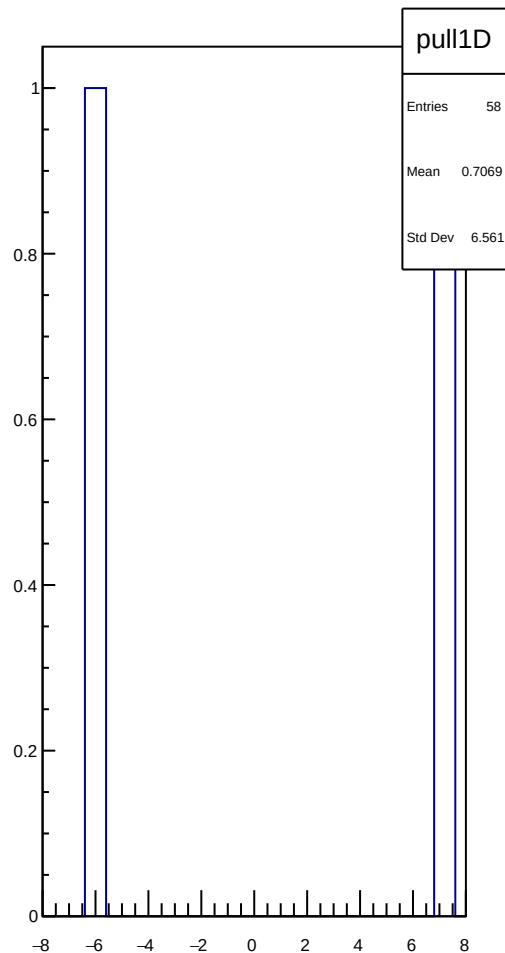
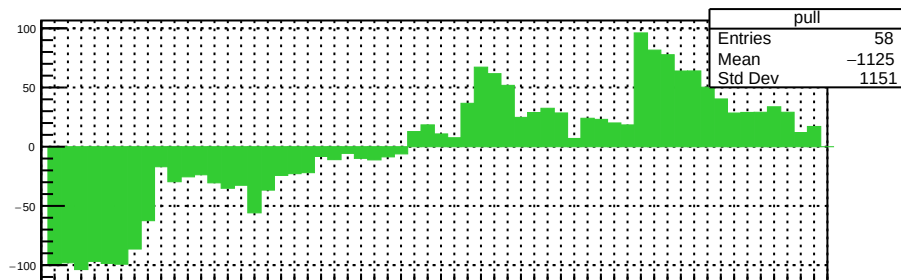
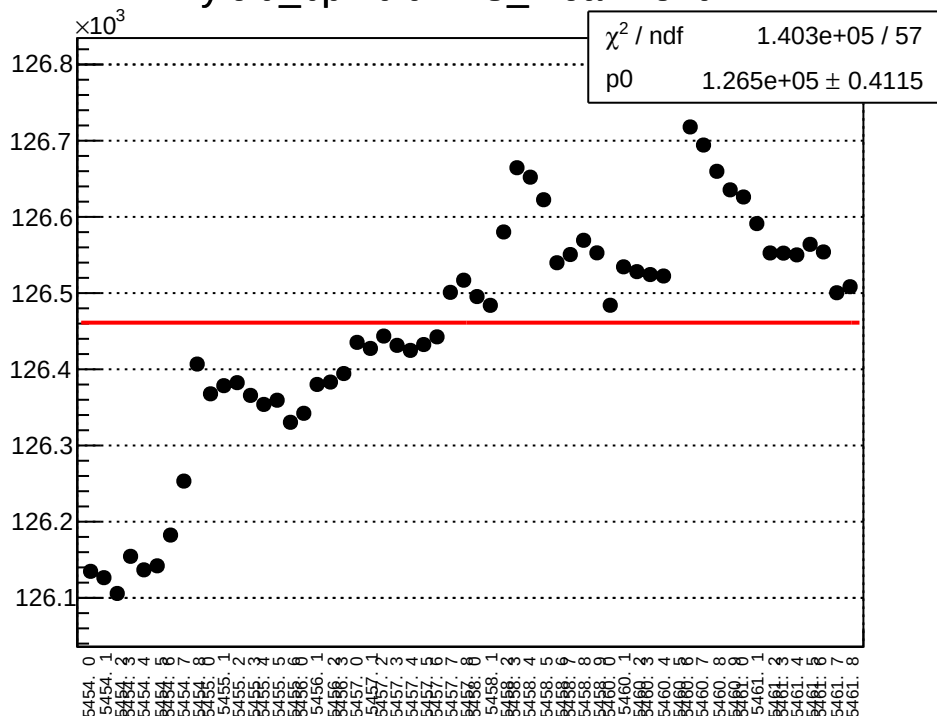
yield\_bpm0i07WS\_mean vs run



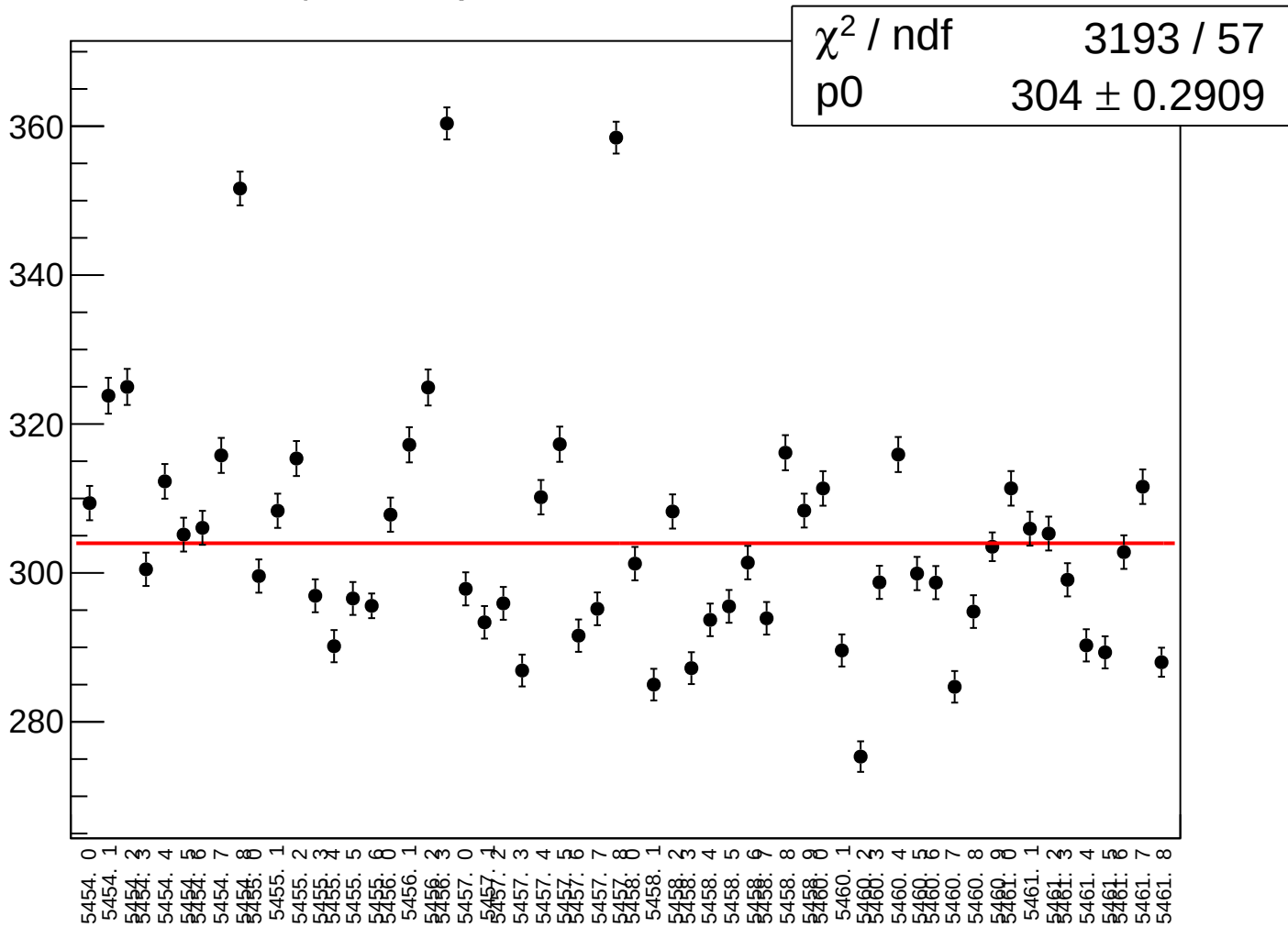
# yield\_bpm0i07WS\_rms vs run



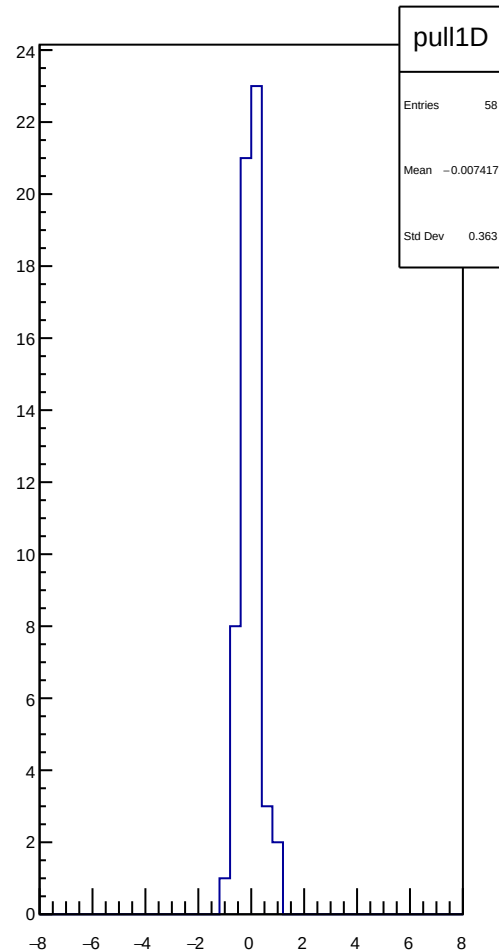
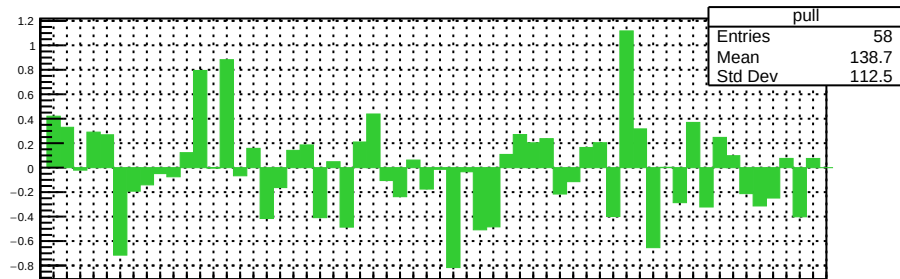
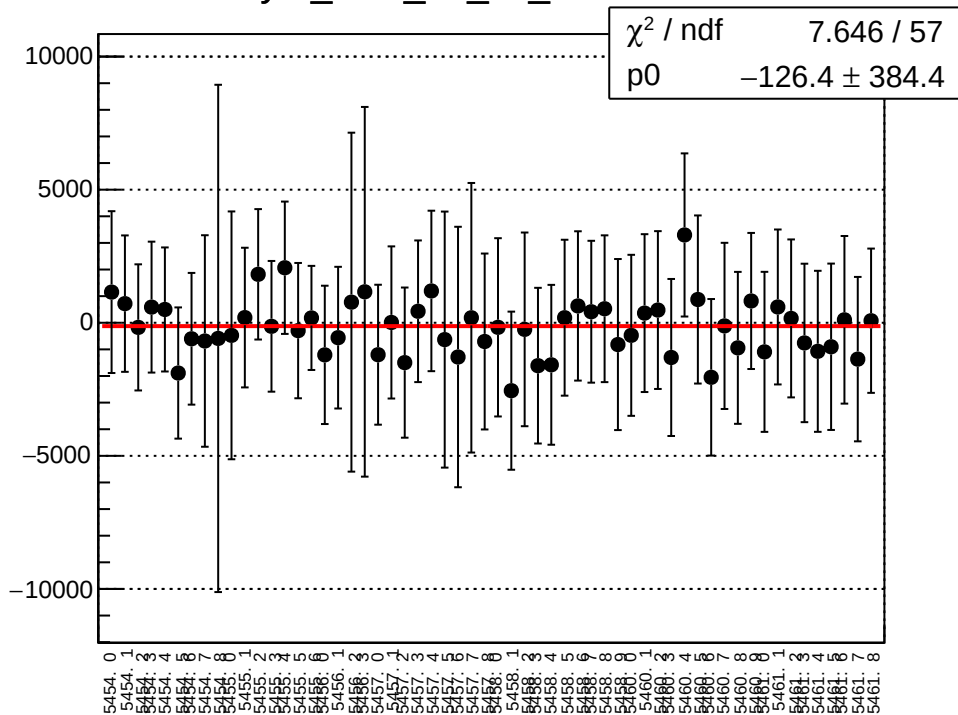
yield\_bpm0l01WS\_mean vs run



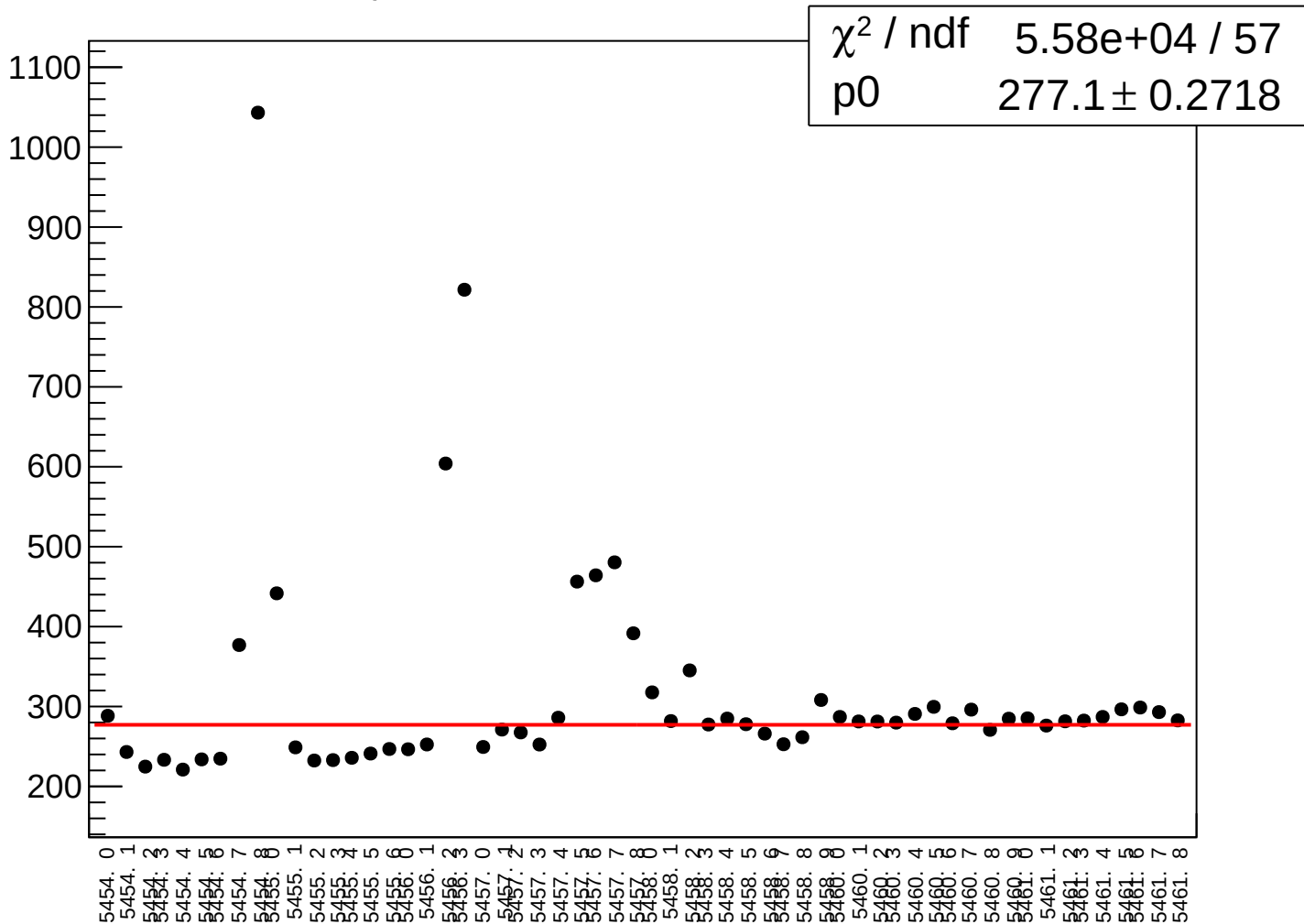
# yield\_bpm0l01WS\_rms vs run



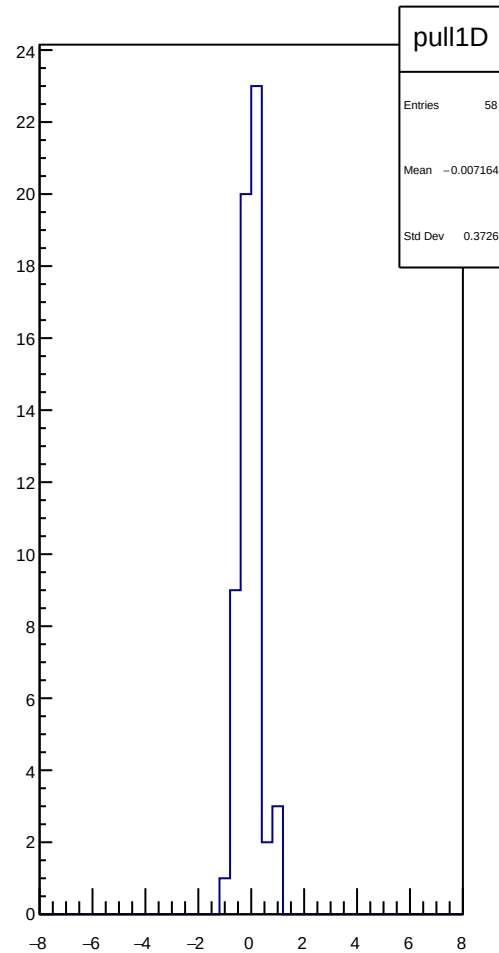
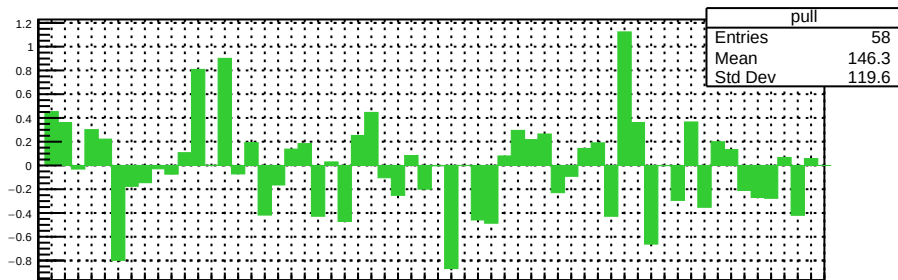
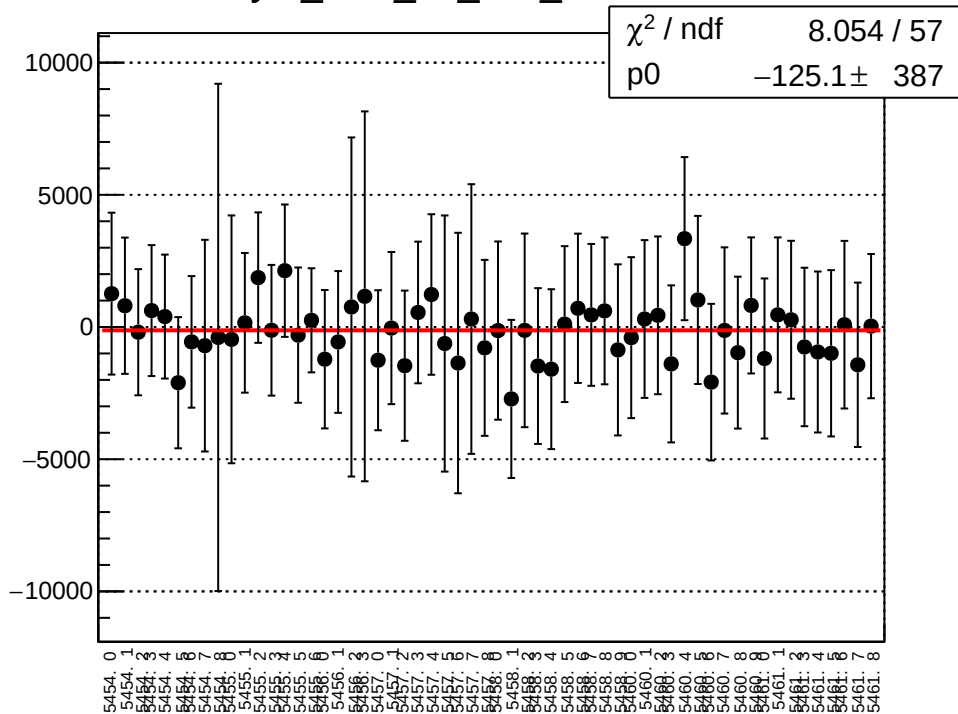
# asym\_bcm\_an\_ds\_mean vs run



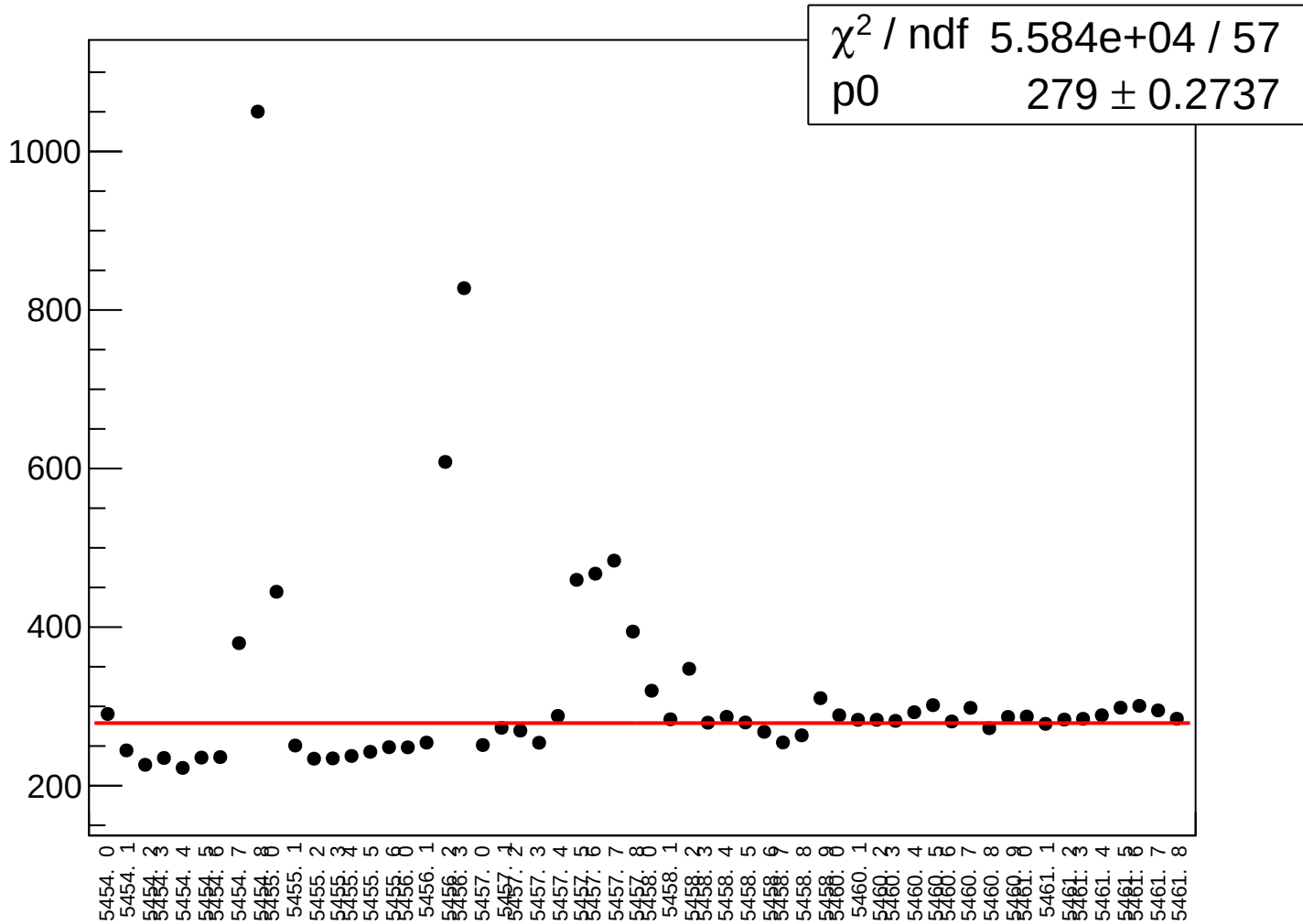
# asym\_bcm\_an\_ds\_rms vs run



asym\_bcm\_an\_ds3\_mean vs run

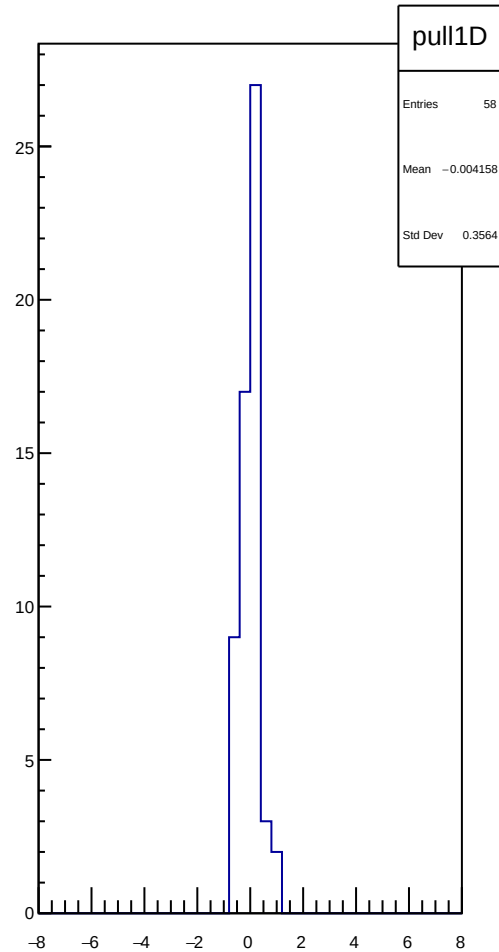
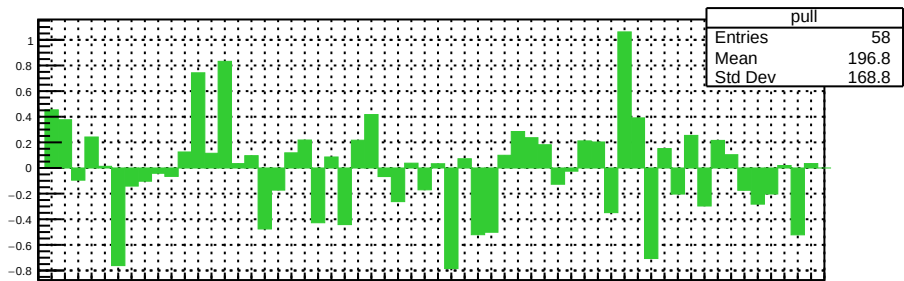
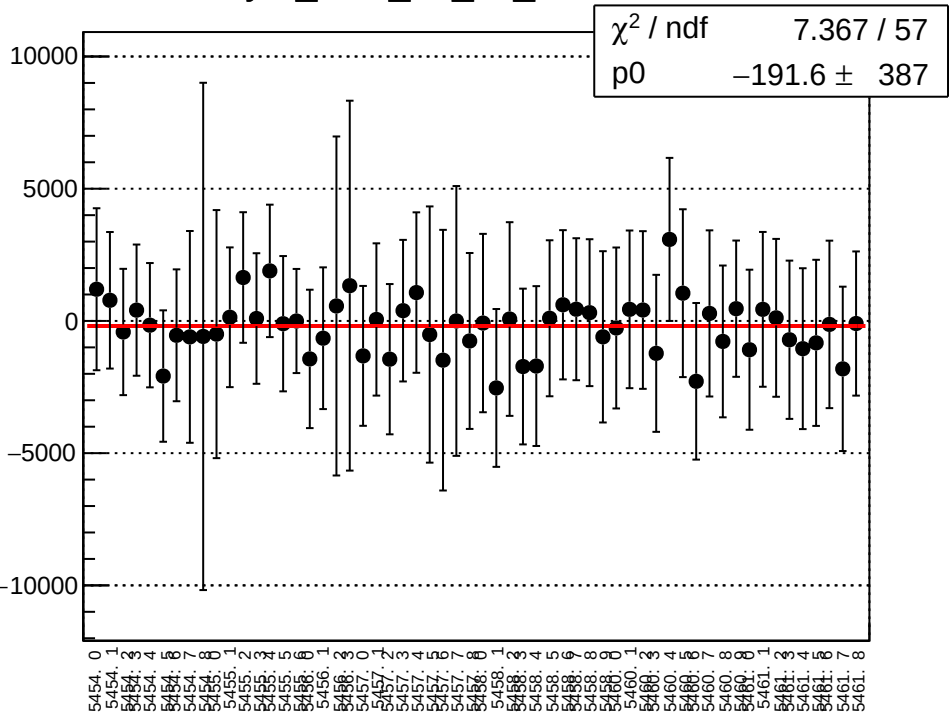


# asym\_bcm\_an\_ds3\_rms vs run

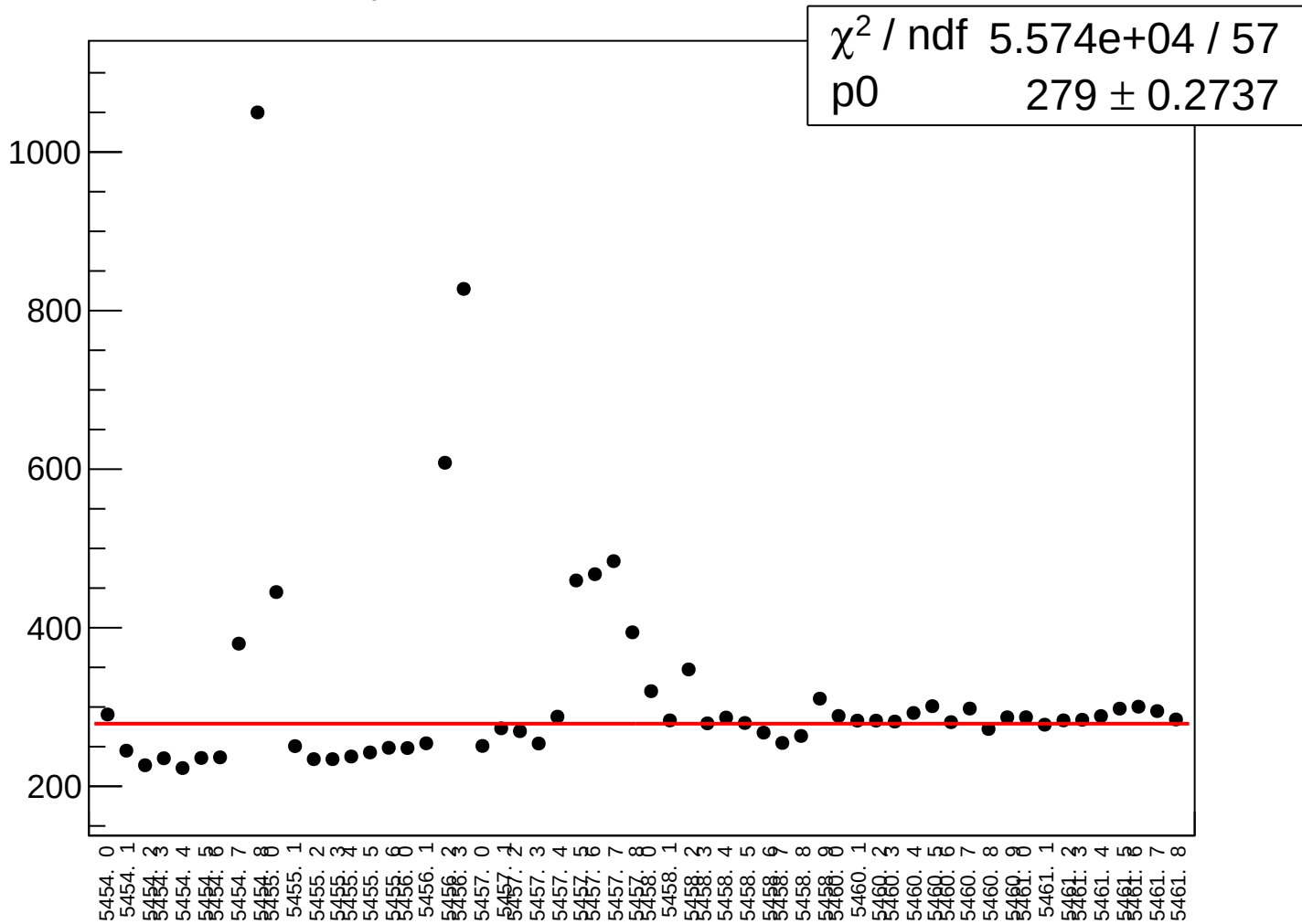




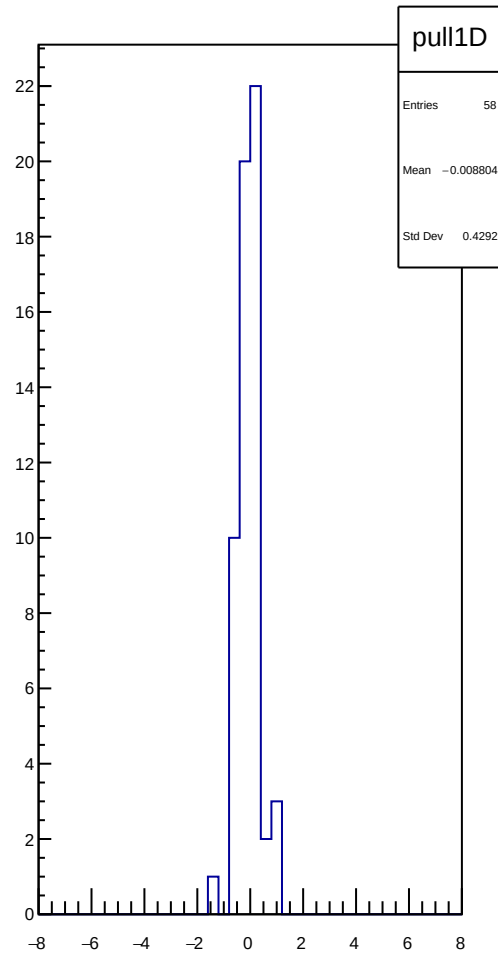
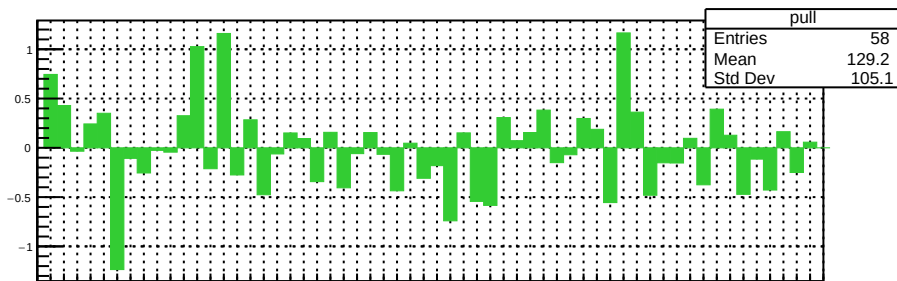
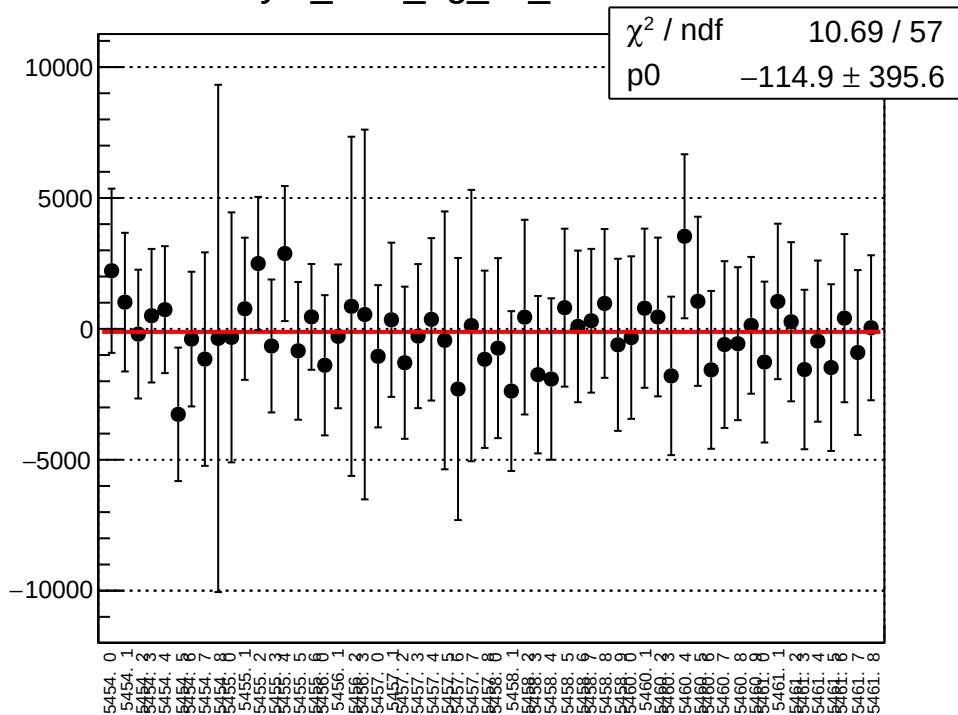
asym\_bcm\_an\_us\_mean vs run



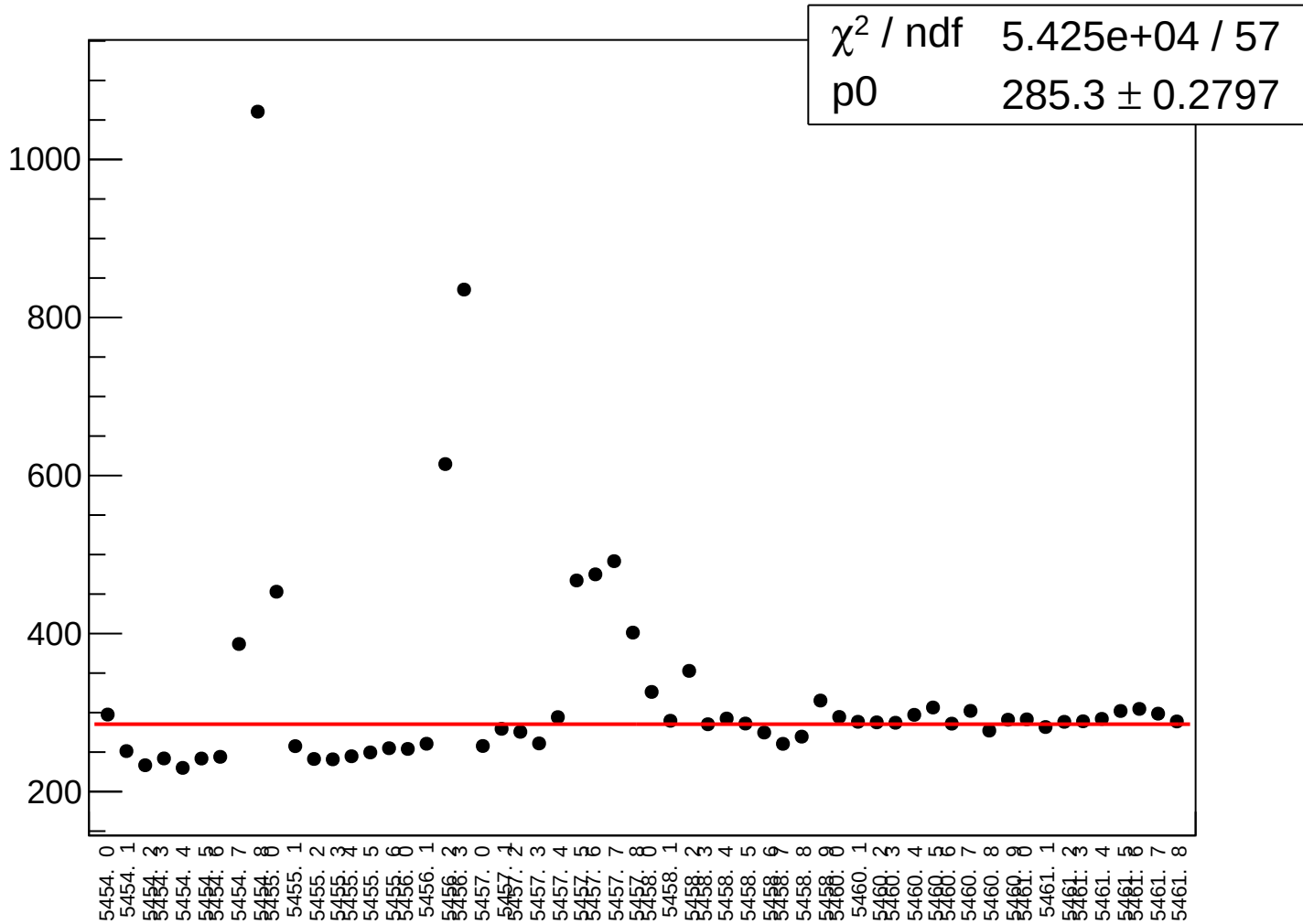
# asym\_bcm\_an\_us\_rms vs run



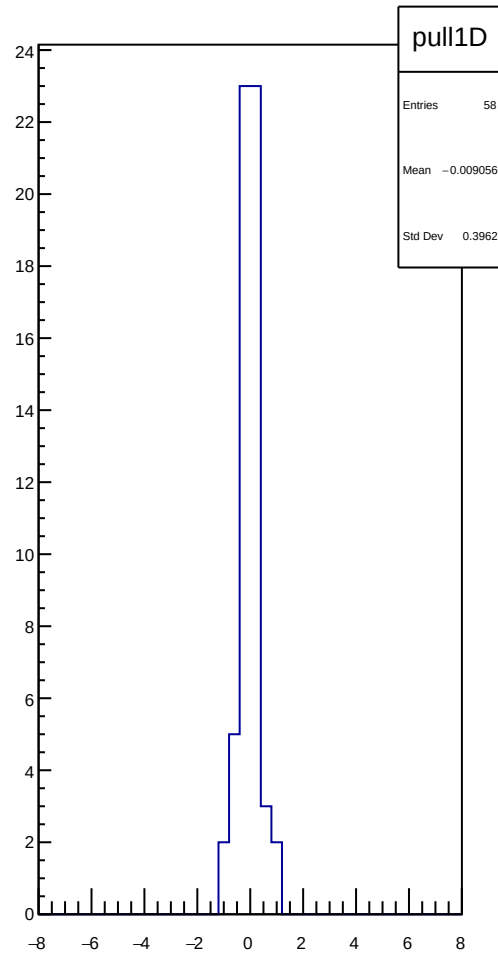
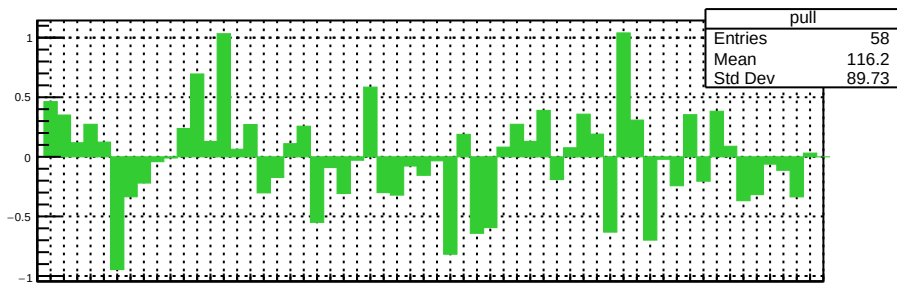
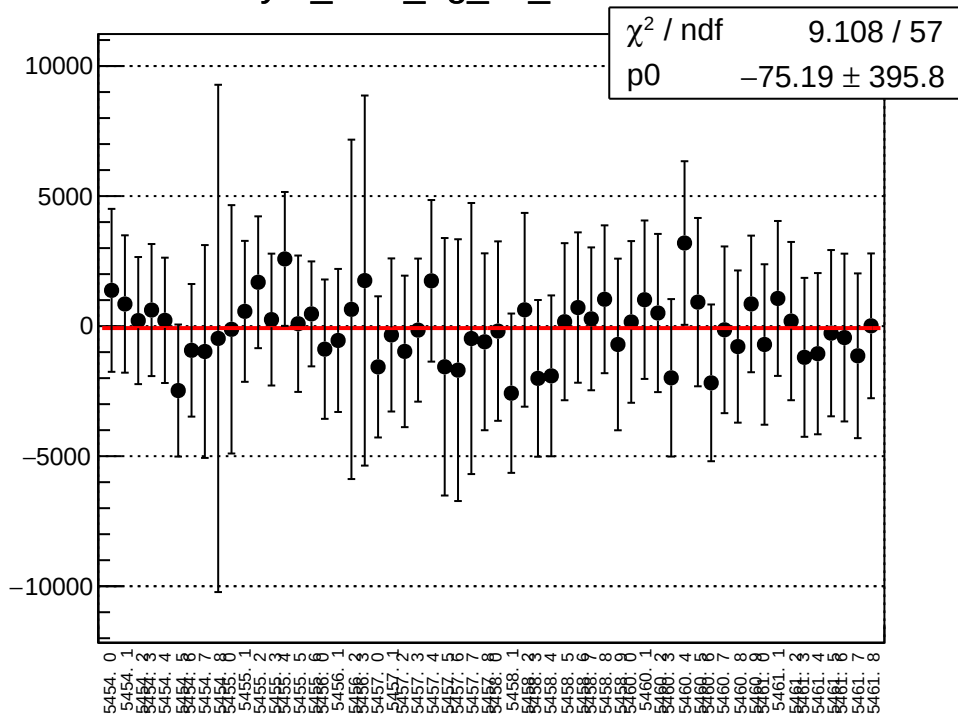
# asym\_bcm\_dg\_us\_mean vs run



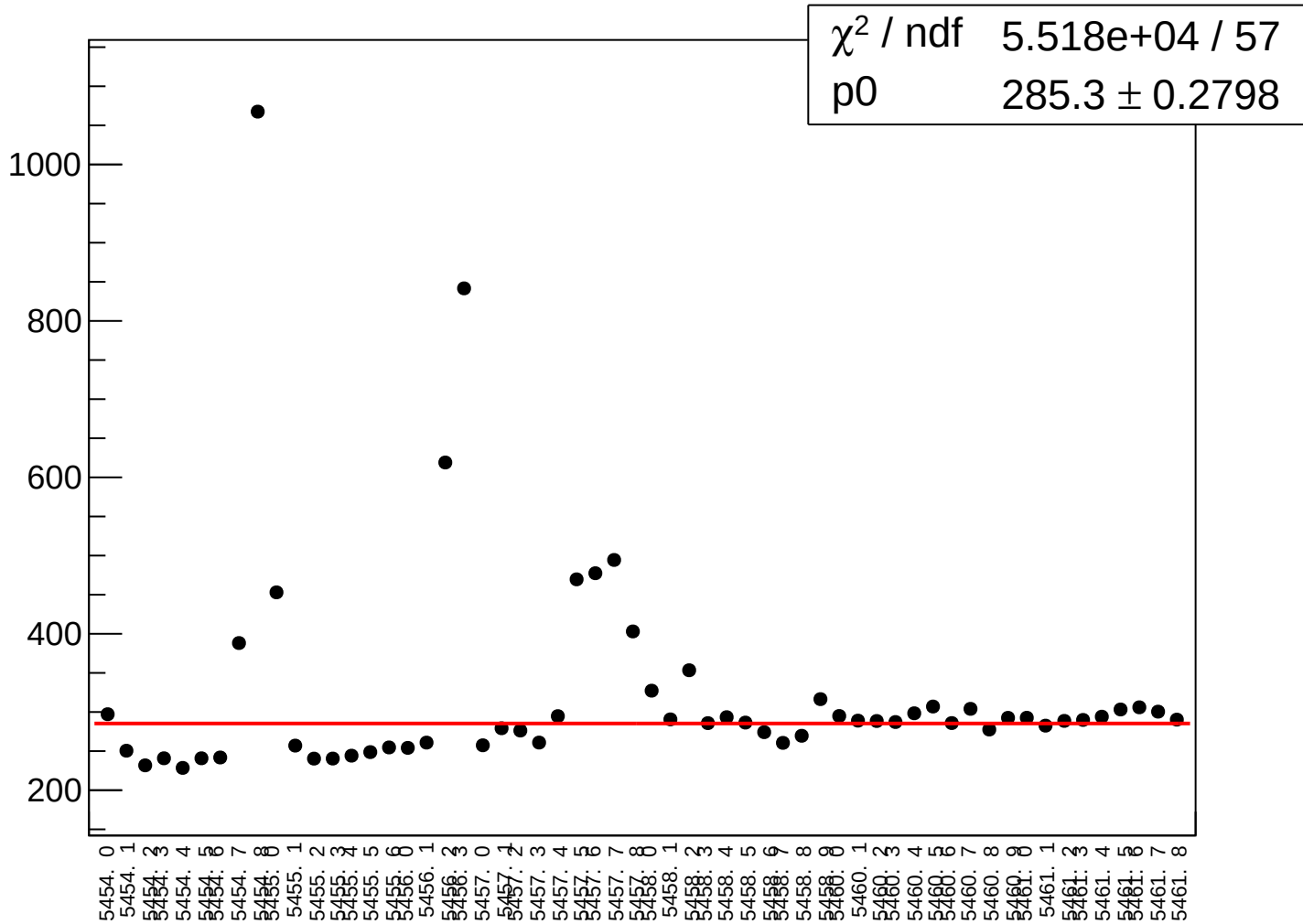
# asym\_bcm\_dg\_us\_rms vs run



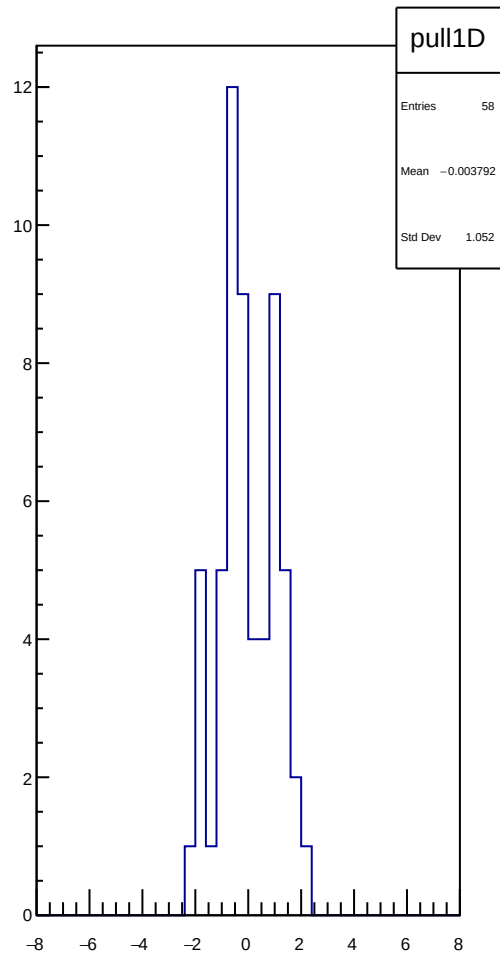
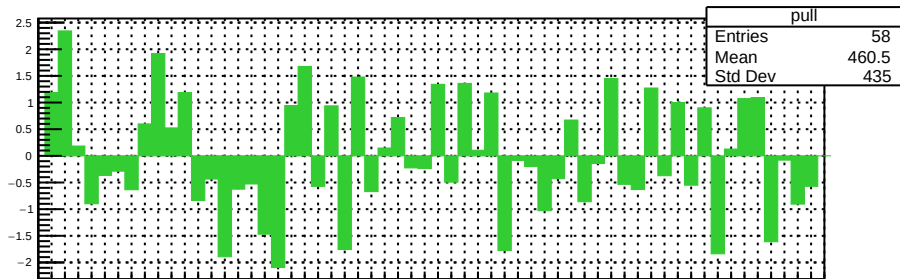
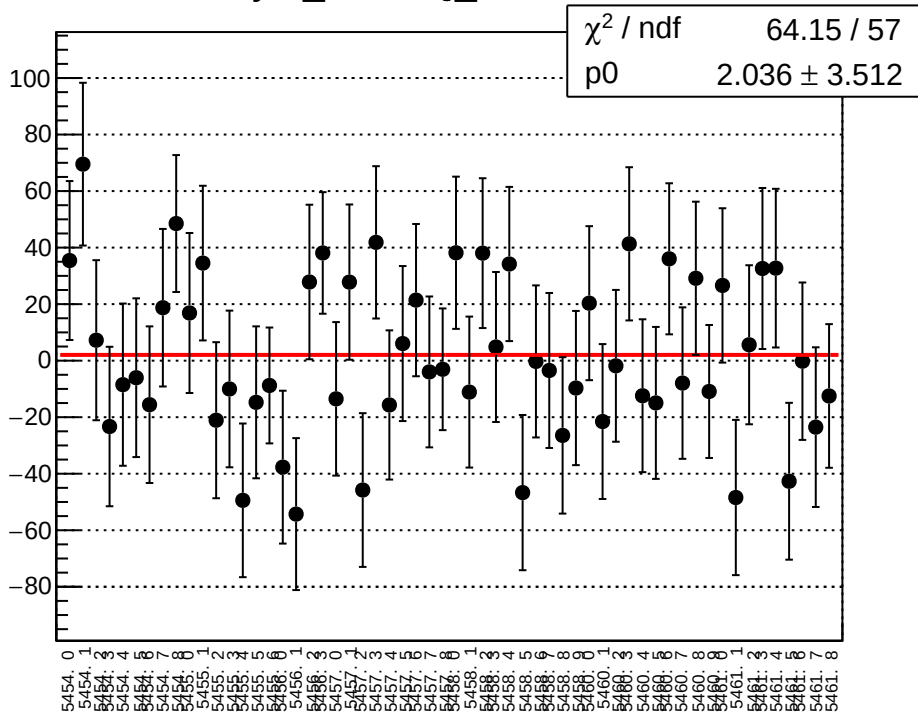
asym\_bcm\_dg\_ds\_mean vs run



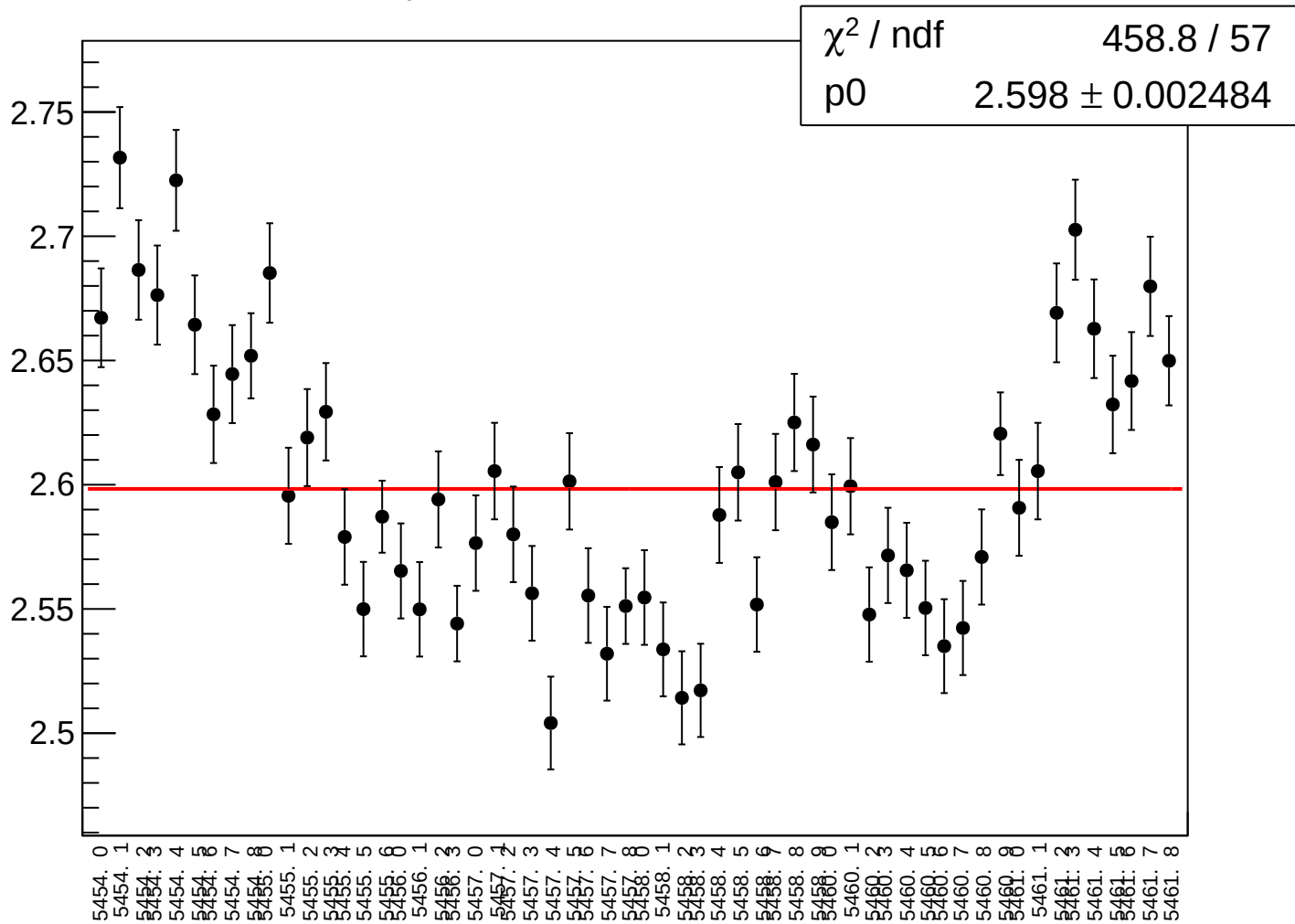
# asym\_bcm\_dg\_ds\_rms vs run



asym\_cav4bQ\_mean vs run

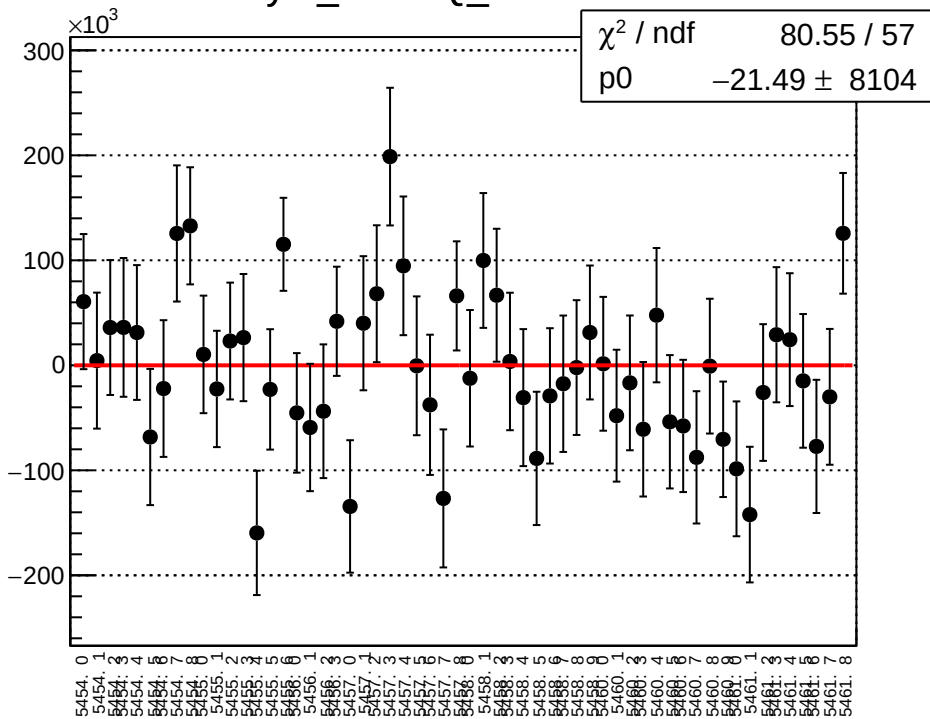


# asym\_cav4bQ\_rms vs run

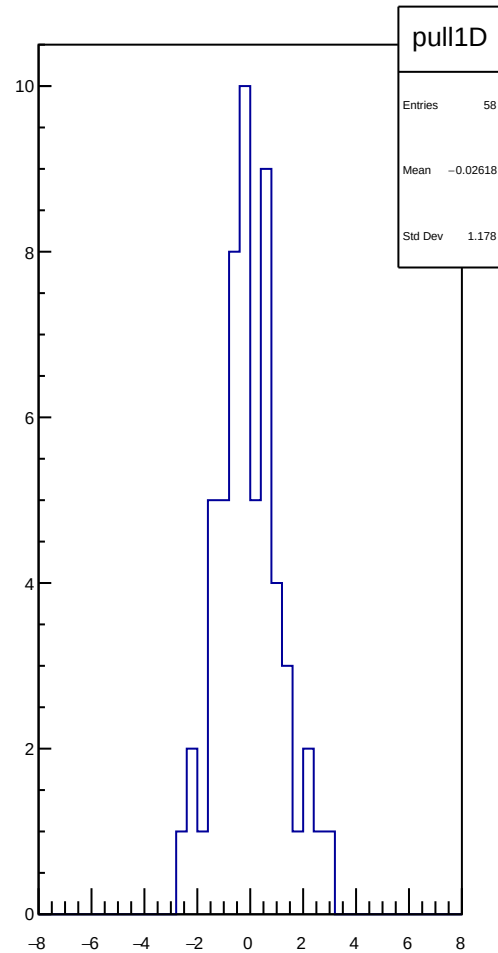
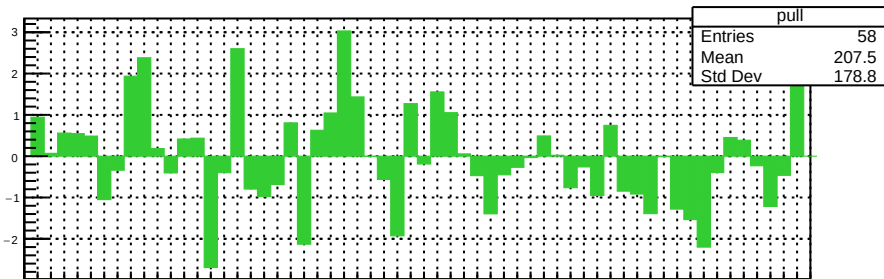




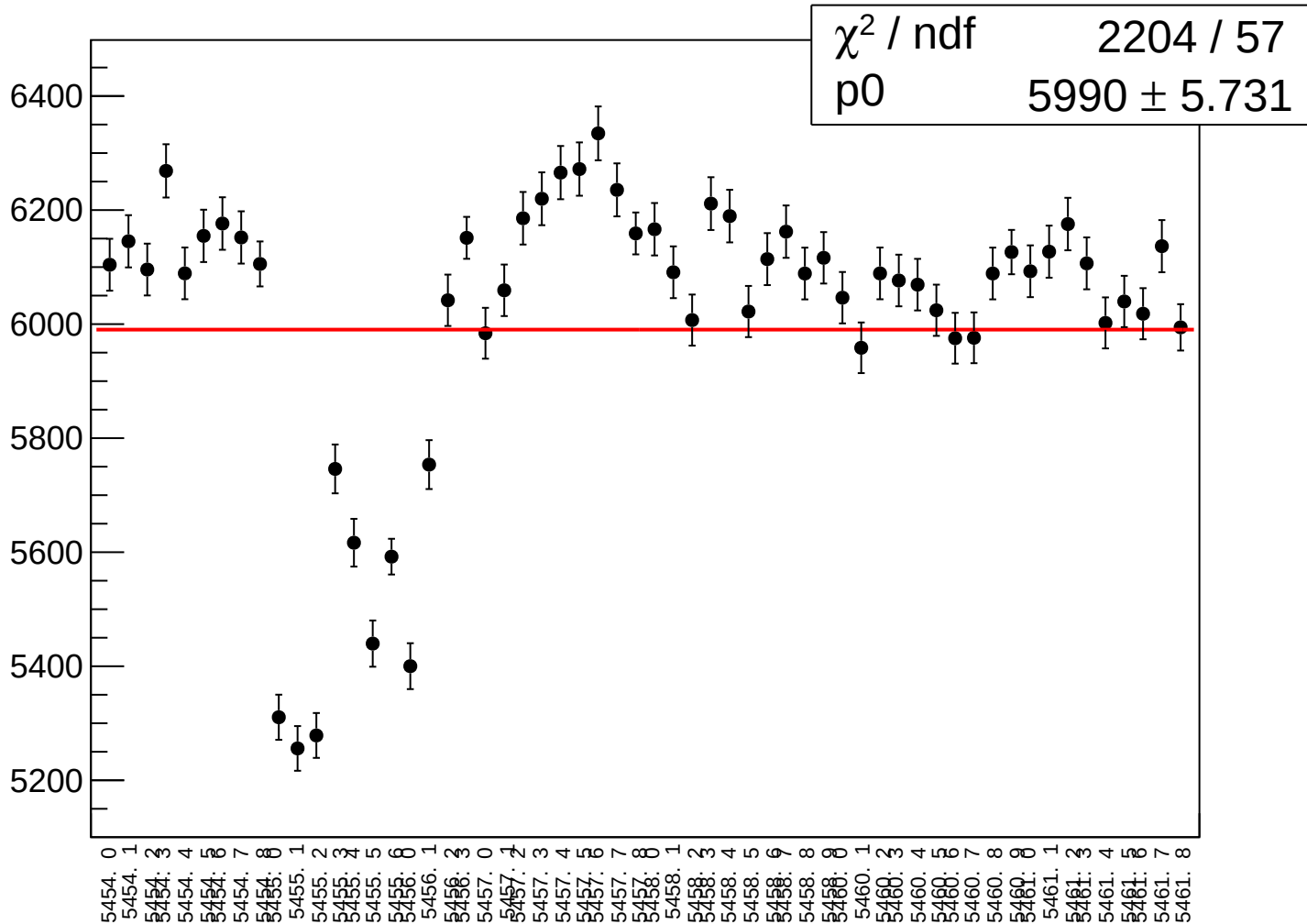
# asym\_cav4cQ\_mean vs run



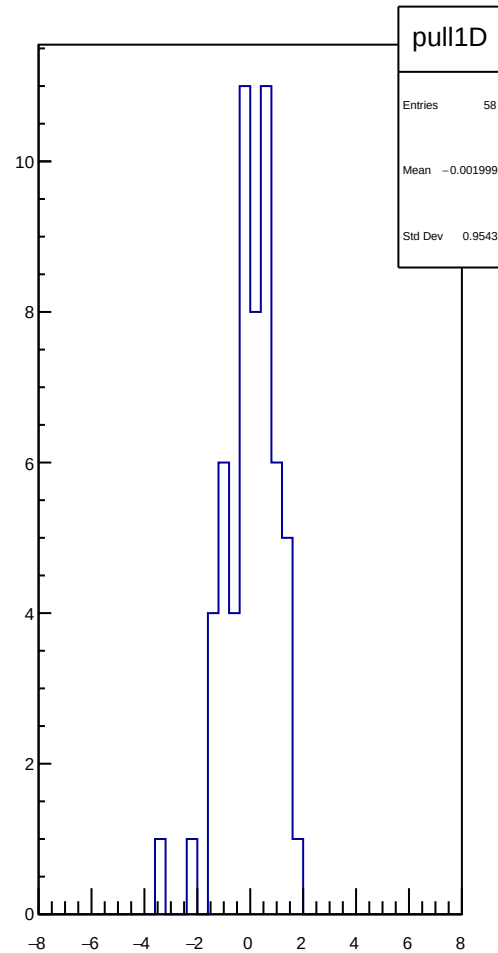
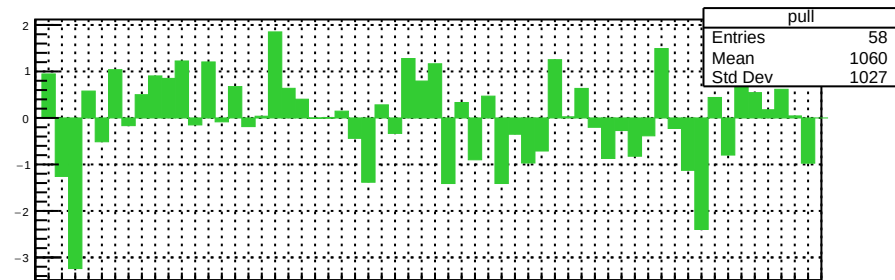
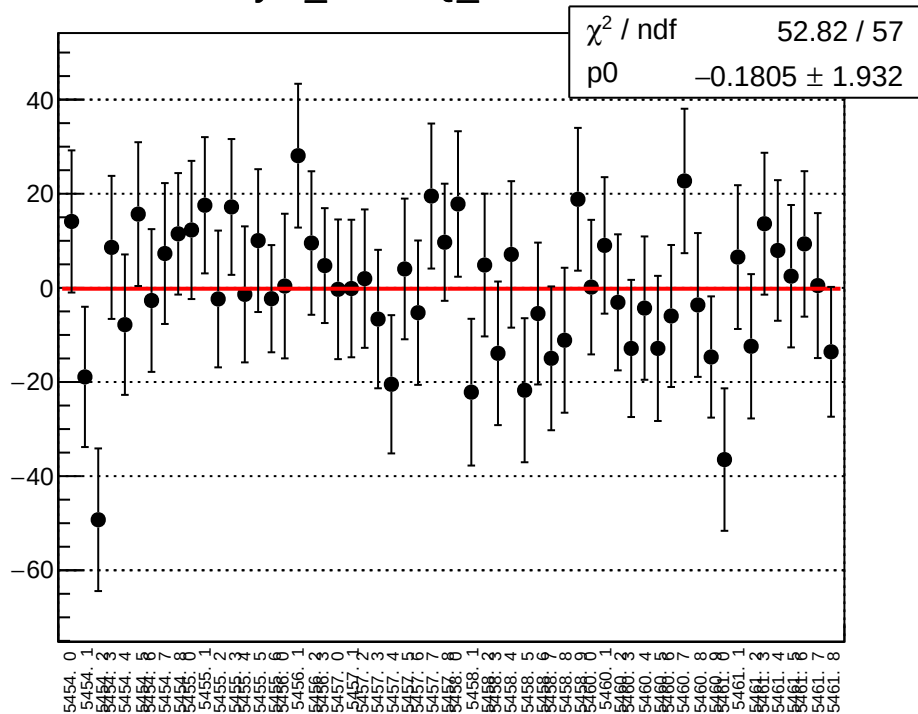
5454 5454.1 5454.2 5454.3 5454.4 5454.5 5454.6 5454.7 5454.8 5454.9 5455 5455.1 5455.2 5455.3 5455.4 5455.5 5455.6 5455.7 5455.8 5455.9 5456 5456.1 5456.2 5456.3 5456.4 5456.5 5456.6 5456.7 5456.8 5456.9 5457 5457.1 5457.2 5457.3 5457.4 5457.5 5457.6 5457.7 5457.8 5457.9 5458 5458.1 5458.2 5458.3 5458.4 5458.5 5458.6 5458.7 5458.8 5458.9 5459 5459.1 5459.2 5459.3 5459.4 5459.5 5459.6 5459.7 5459.8 5459.9 5460 5460.1 5460.2 5460.3 5460.4 5460.5 5460.6 5460.7 5460.8 5460.9 5461 5461.1 5461.2 5461.3 5461.4 5461.5 5461.6 5461.7 5461.8 5461.9 5462



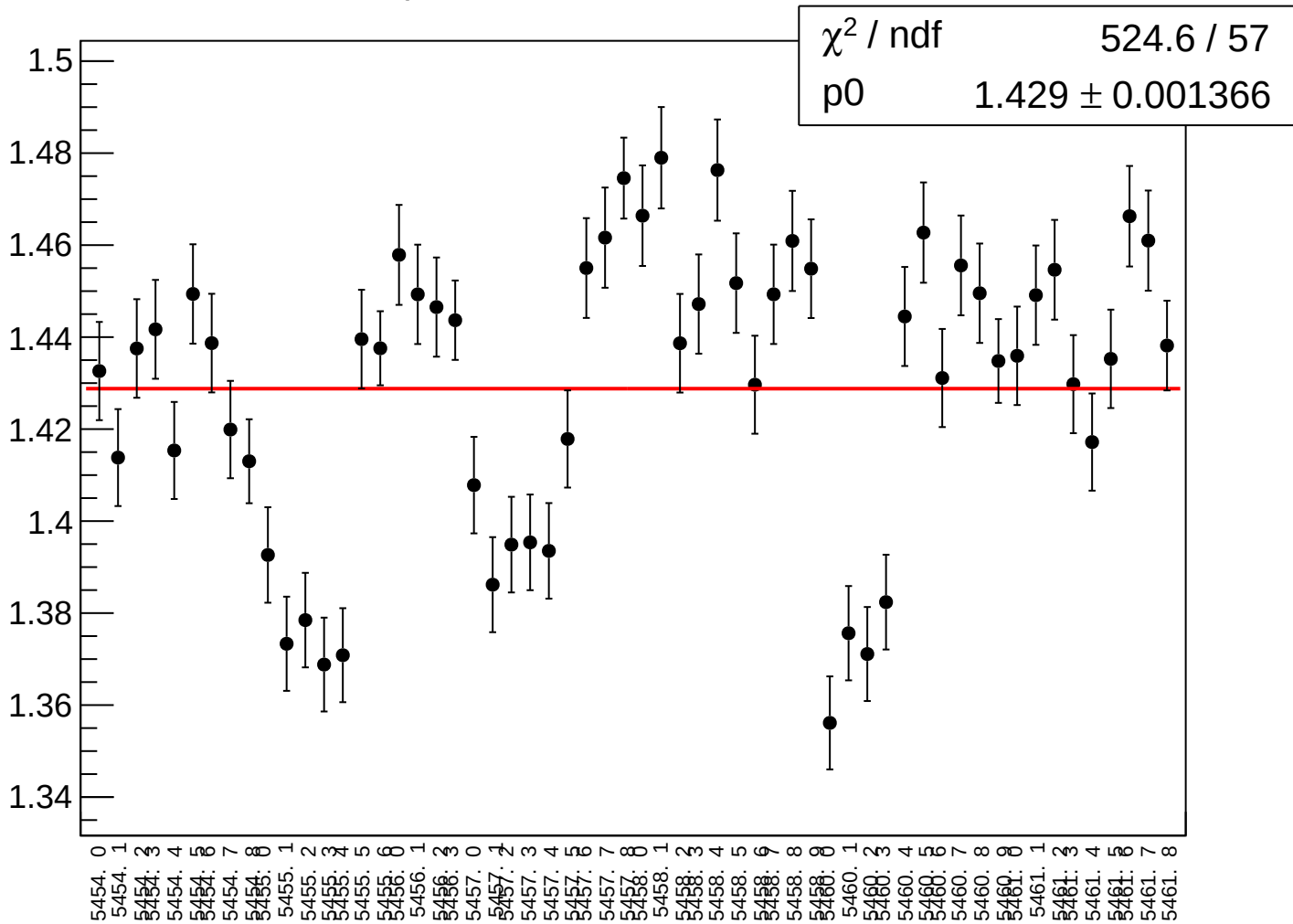
# asym\_cav4cQ\_rms vs run



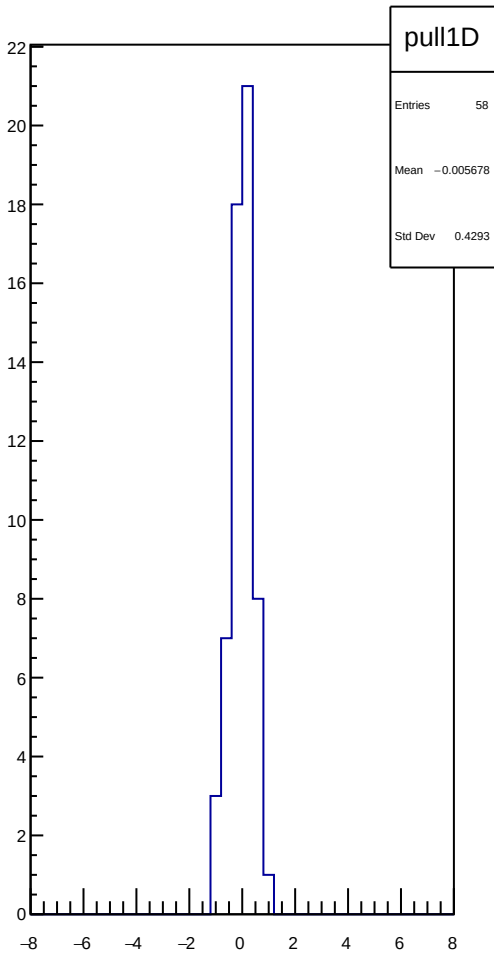
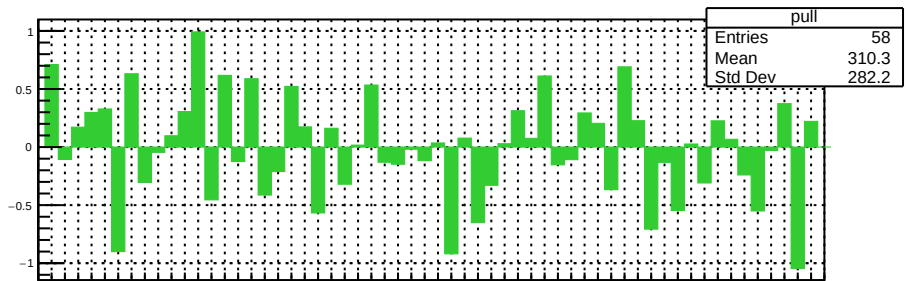
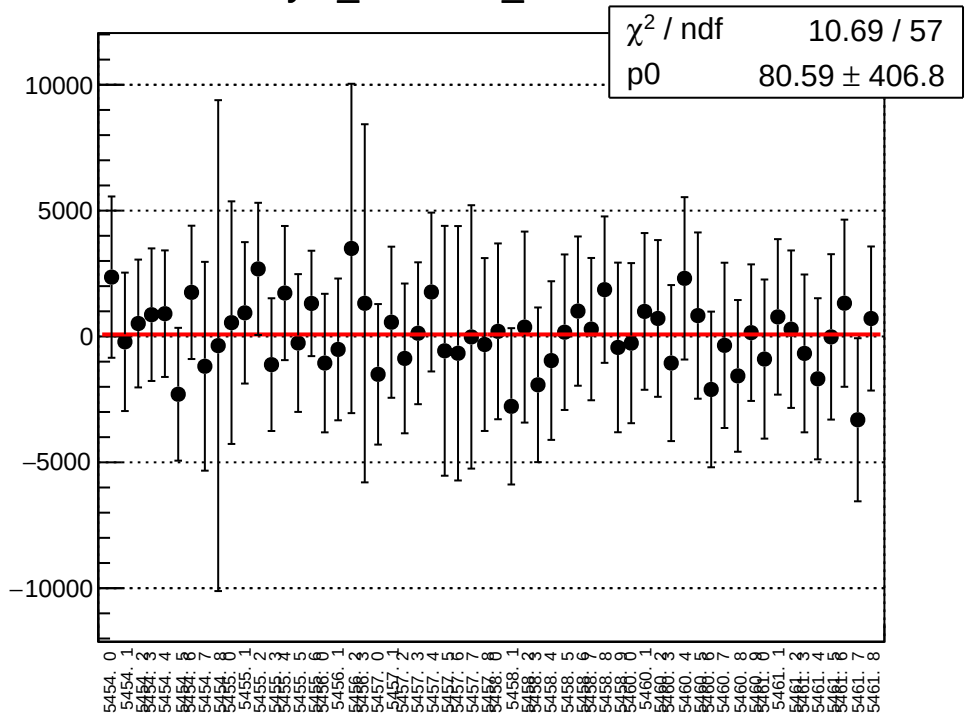
# asym\_cav4dQ\_mean vs run



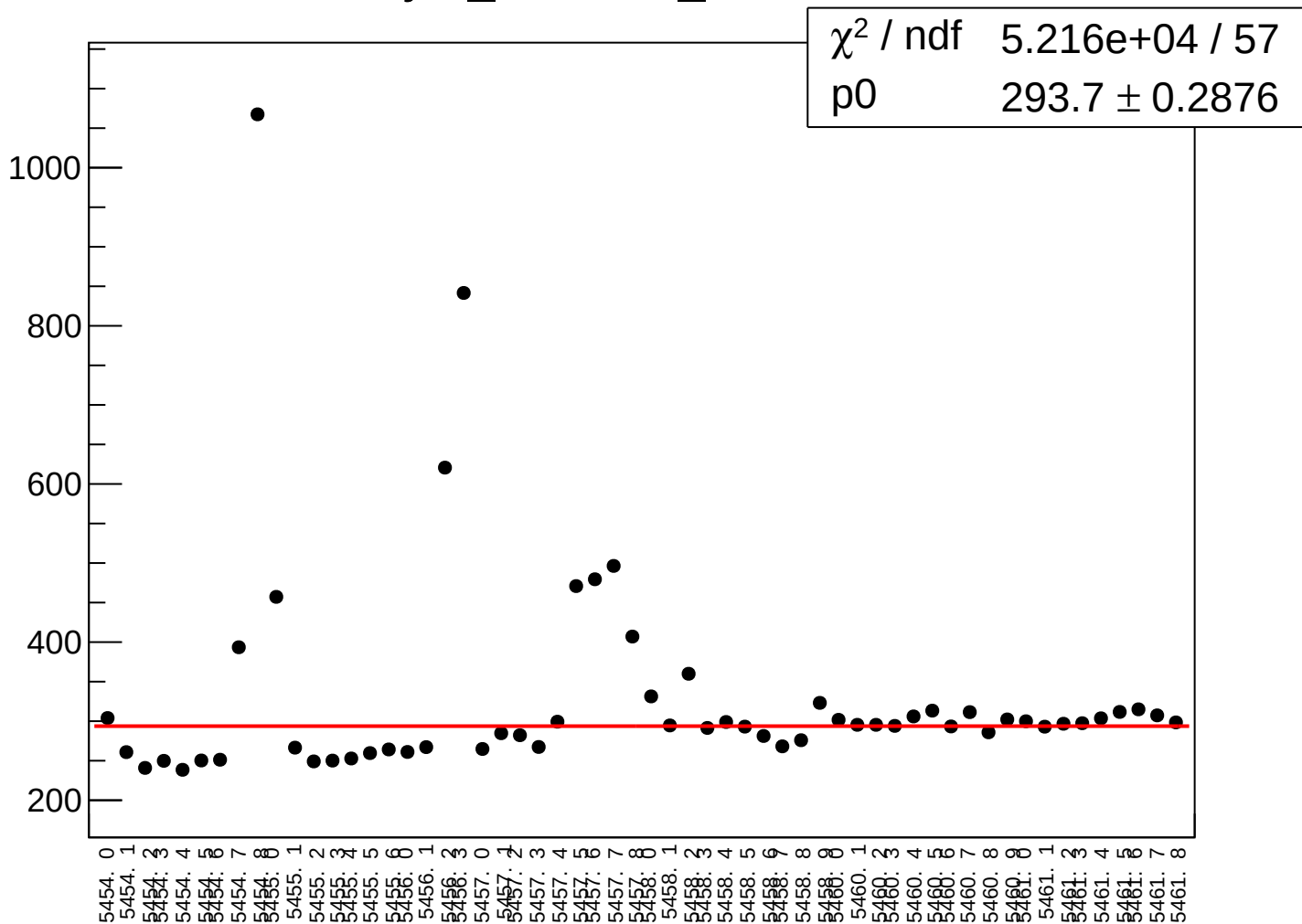
# asym\_cav4dQ\_rms vs run



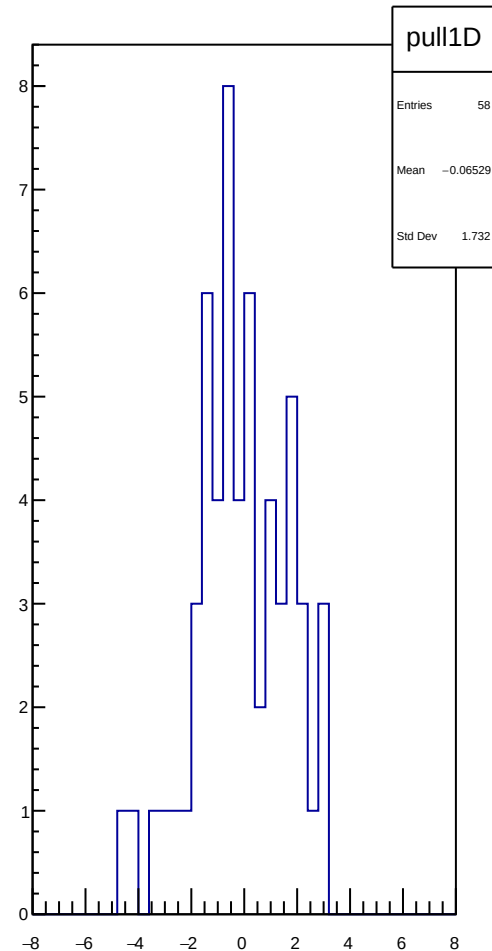
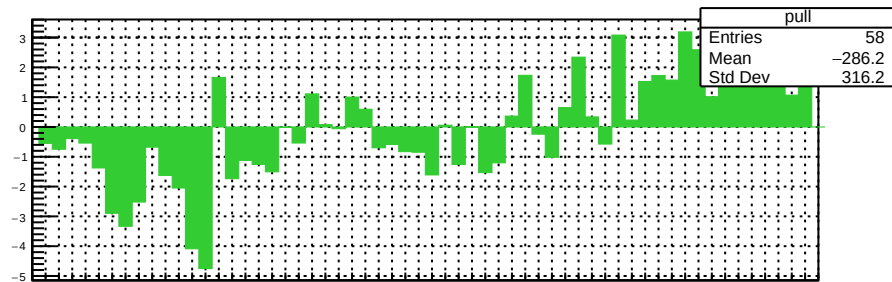
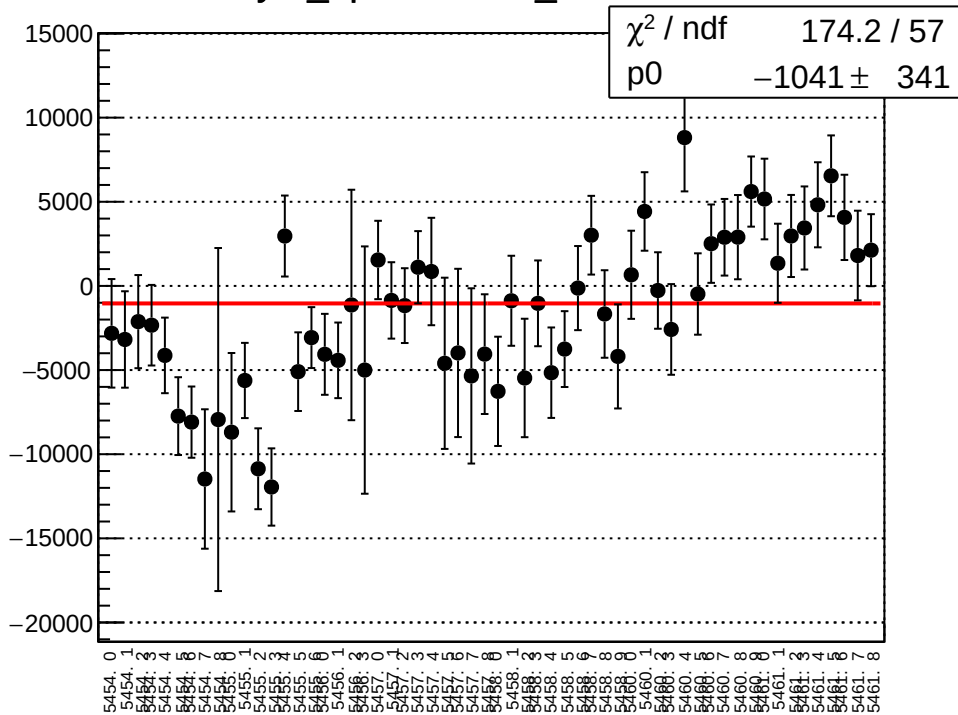
asym\_bcm0l02\_mean vs run



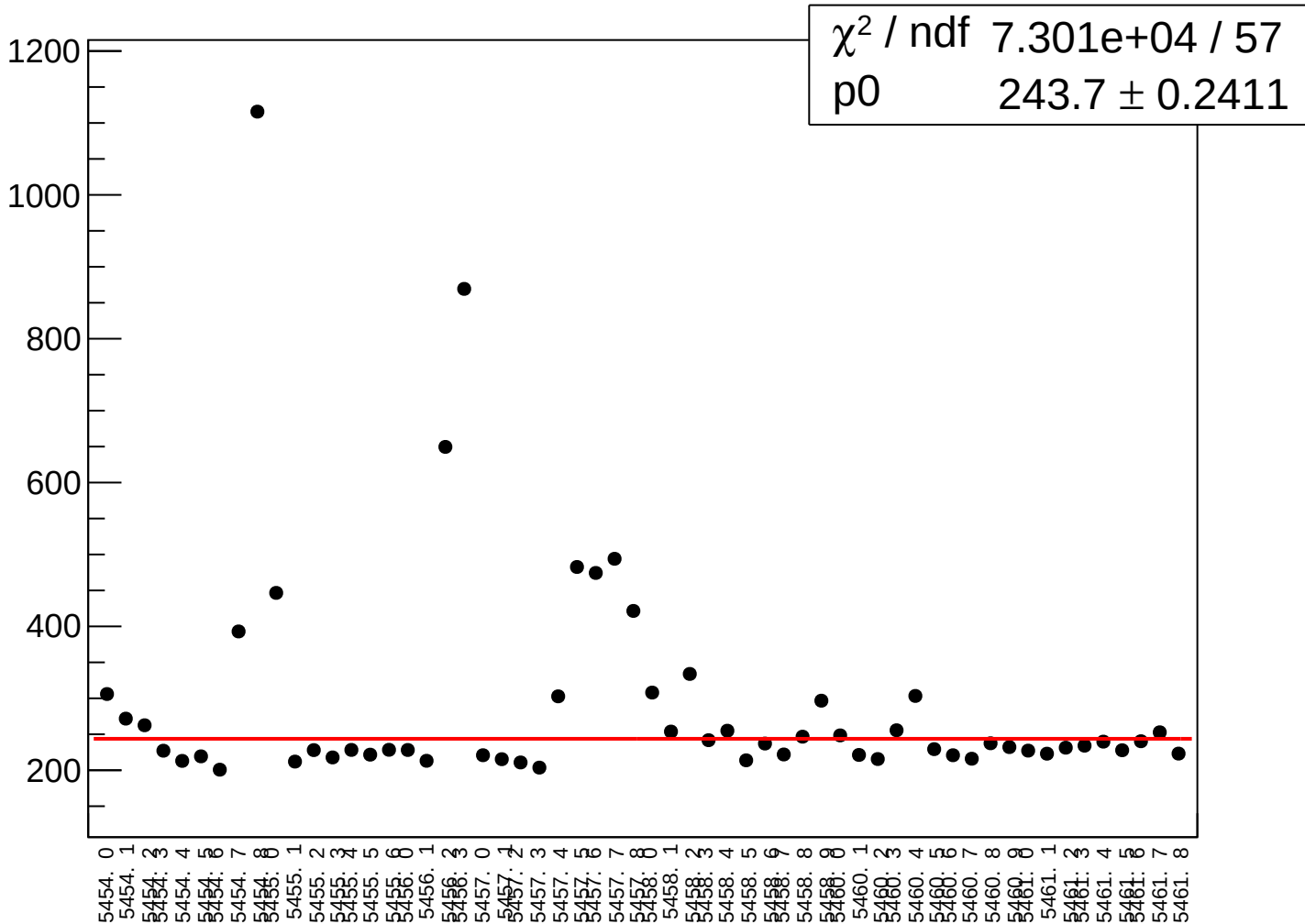
# asym\_bcm0l02\_rms vs run



asym\_bpm2i01WS\_mean vs run

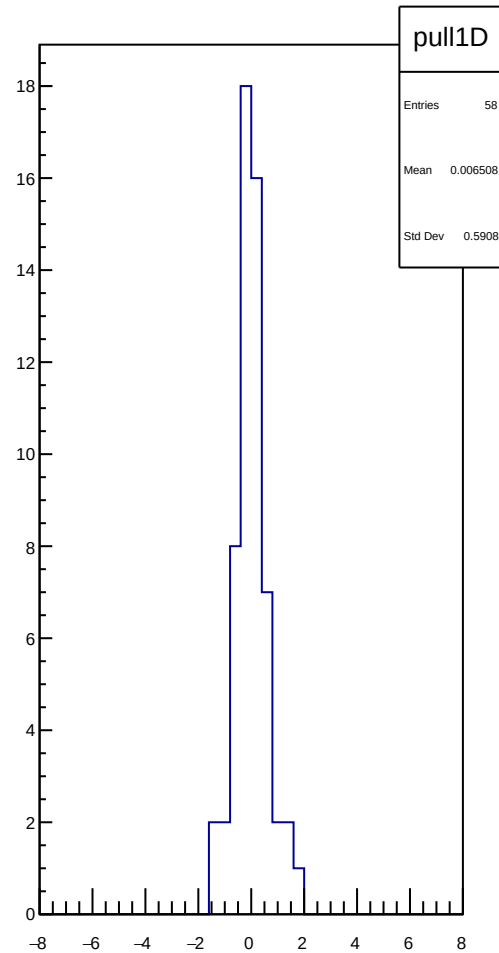
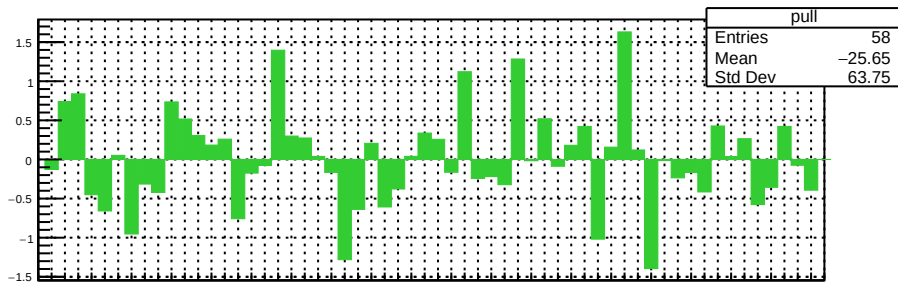
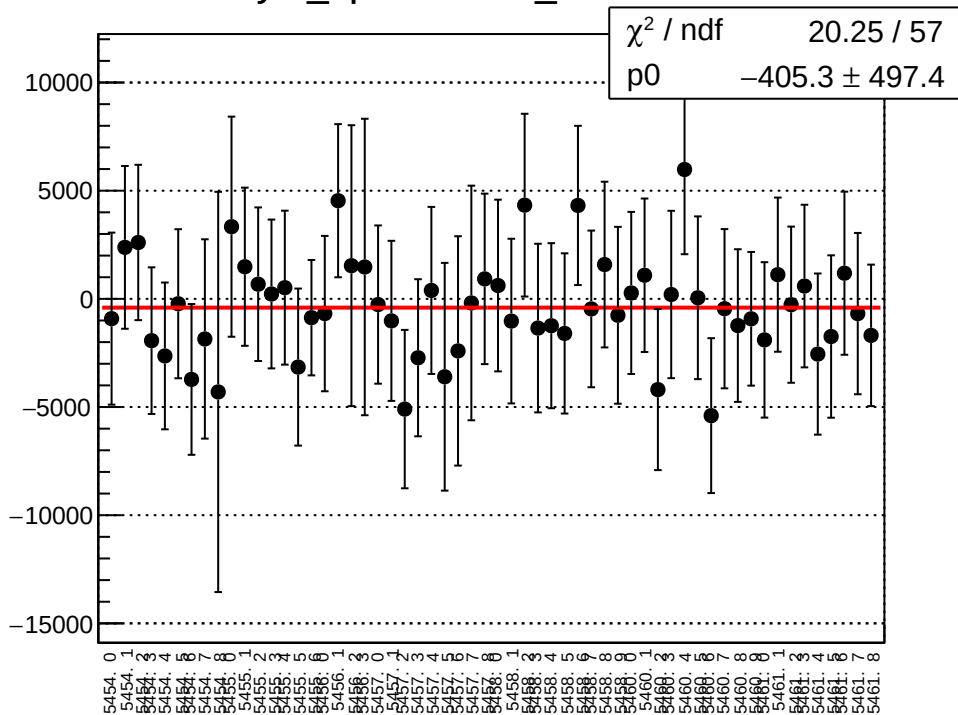


# asym\_bpm2i01WS\_rms vs run

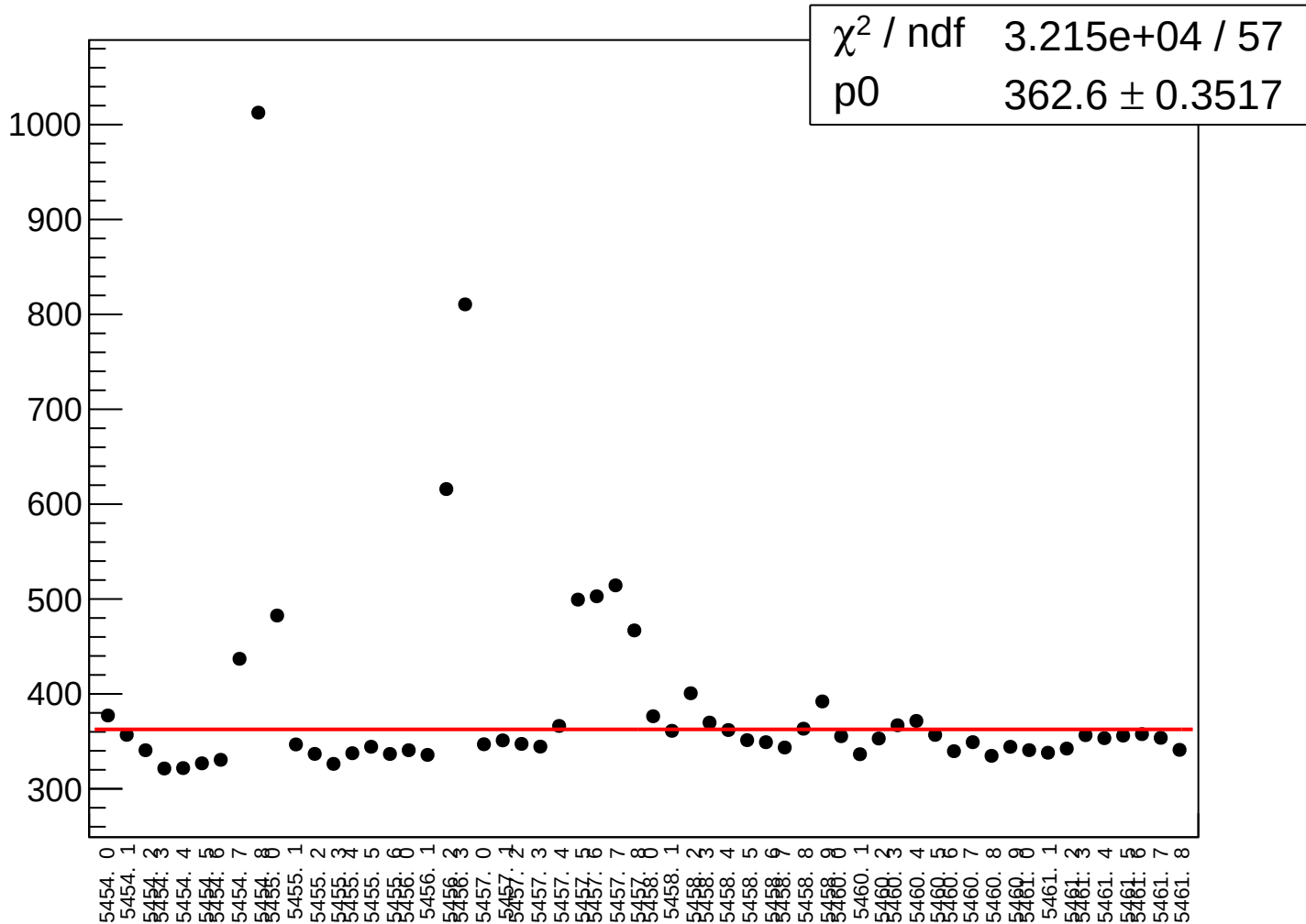




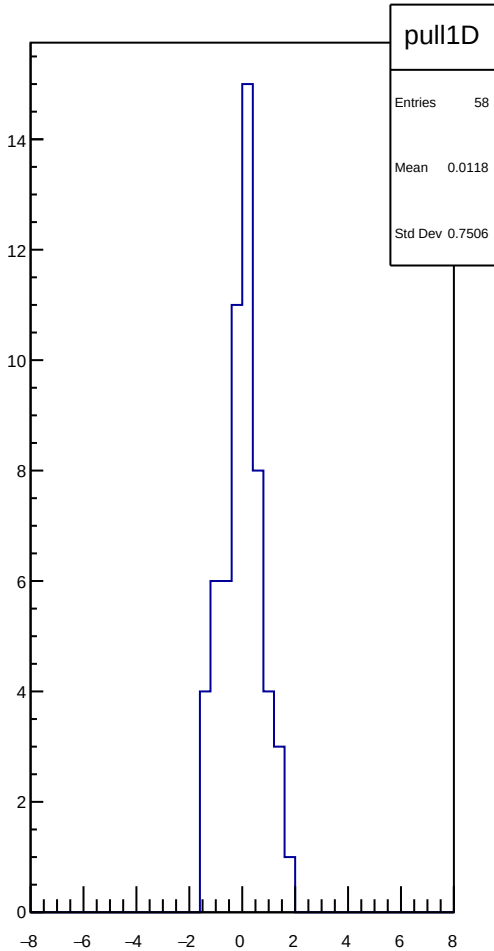
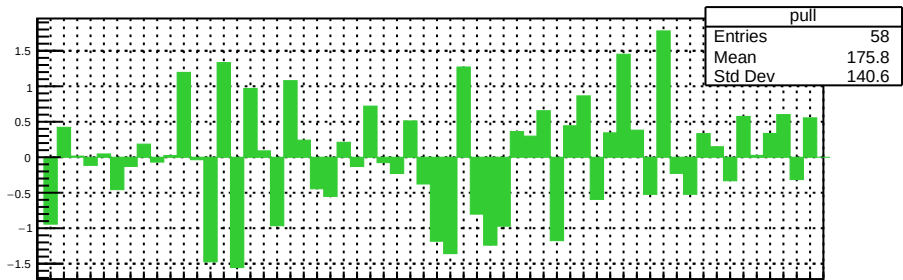
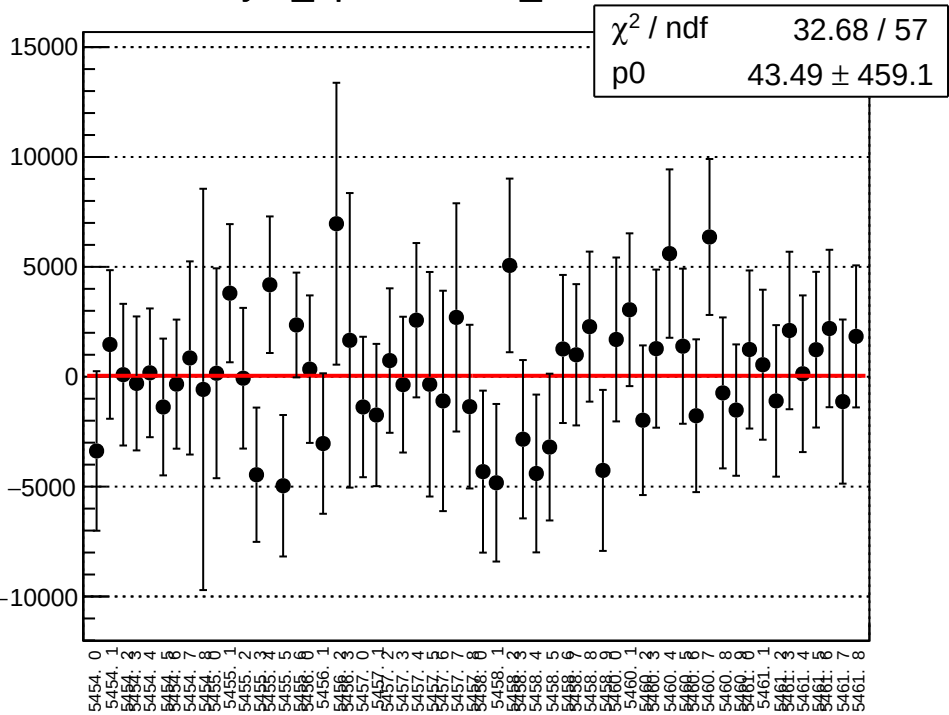
# asym\_bpm0i07WS\_mean vs run



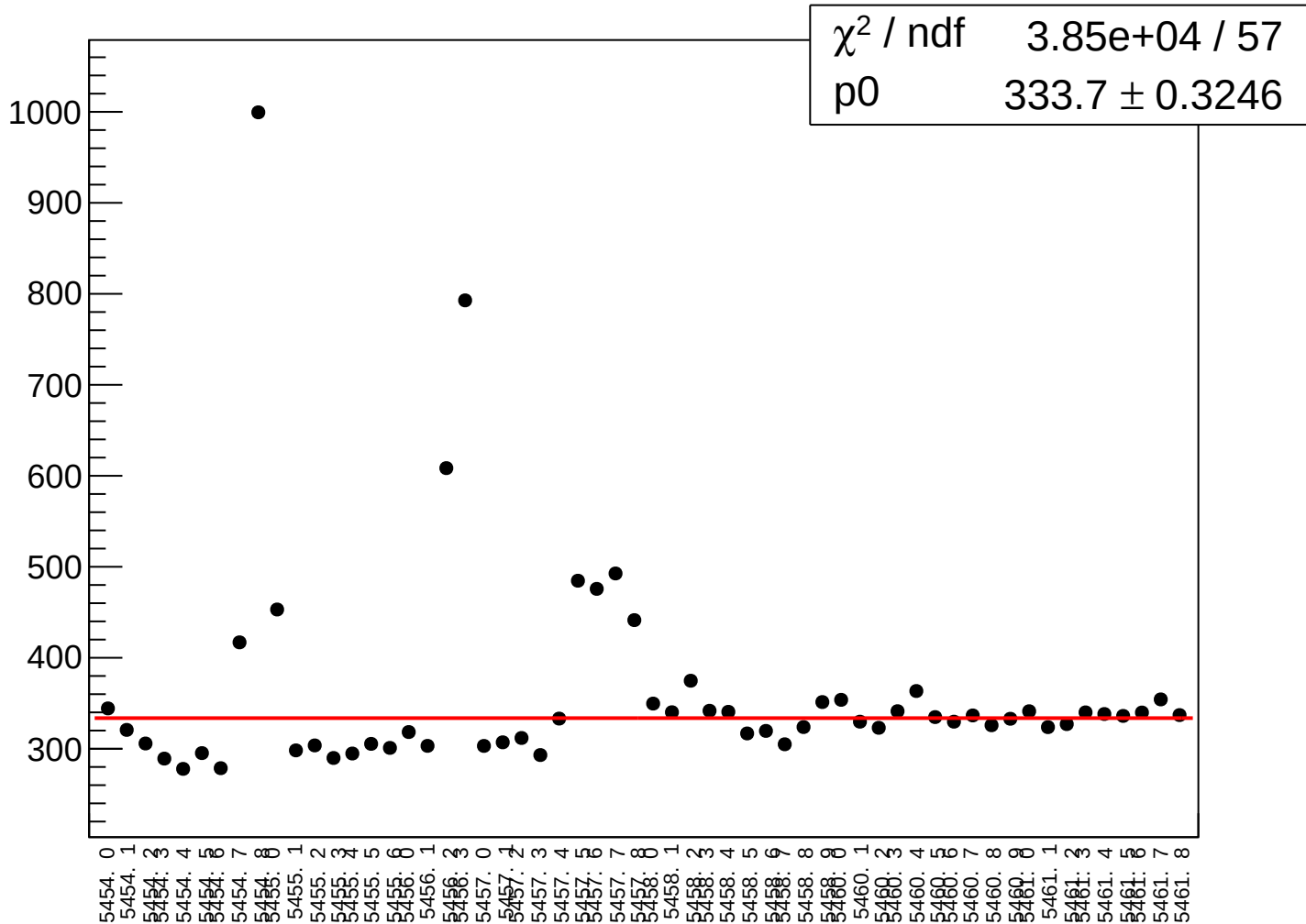
# asym\_bpm0i07WS\_rms vs run



asym\_bpm0l01WS\_mean vs run



# asym\_bpm0l01WS\_rms vs run













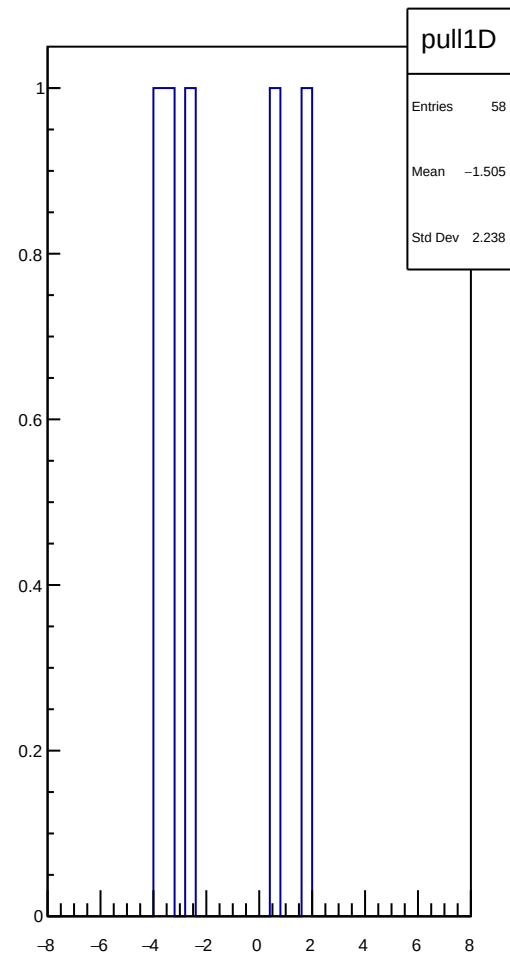
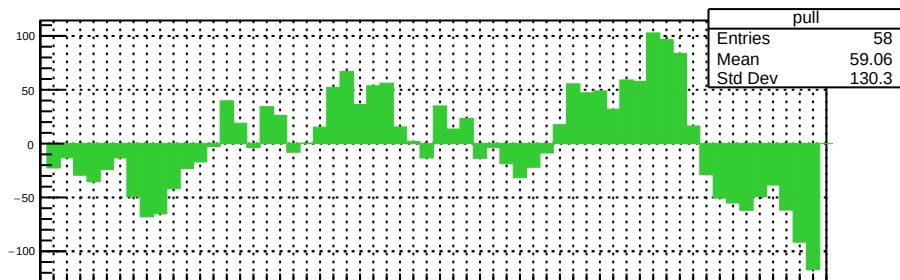
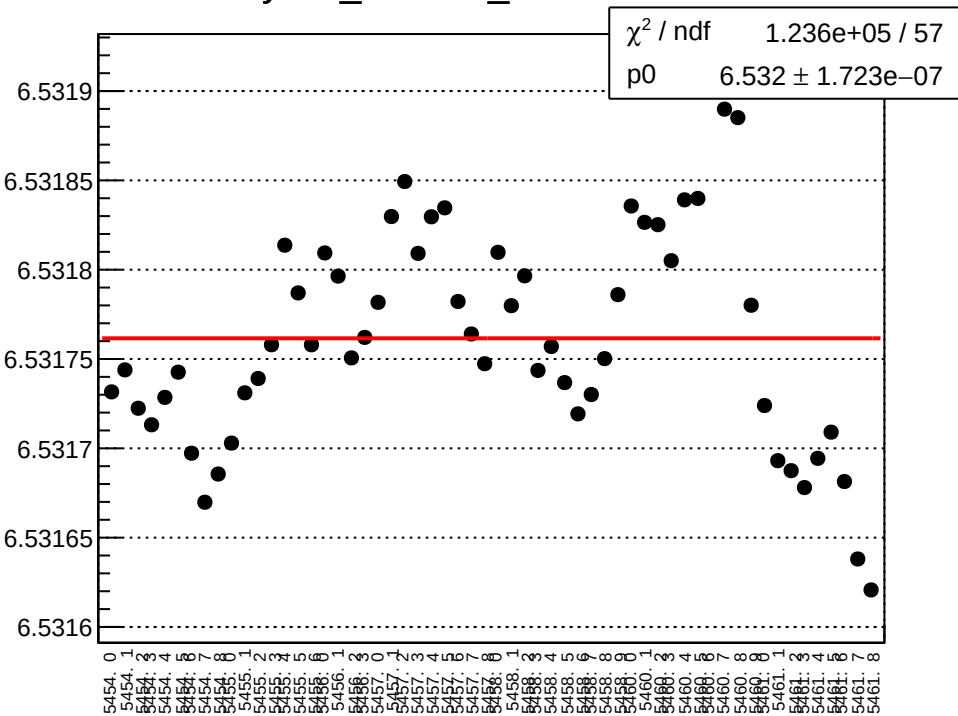




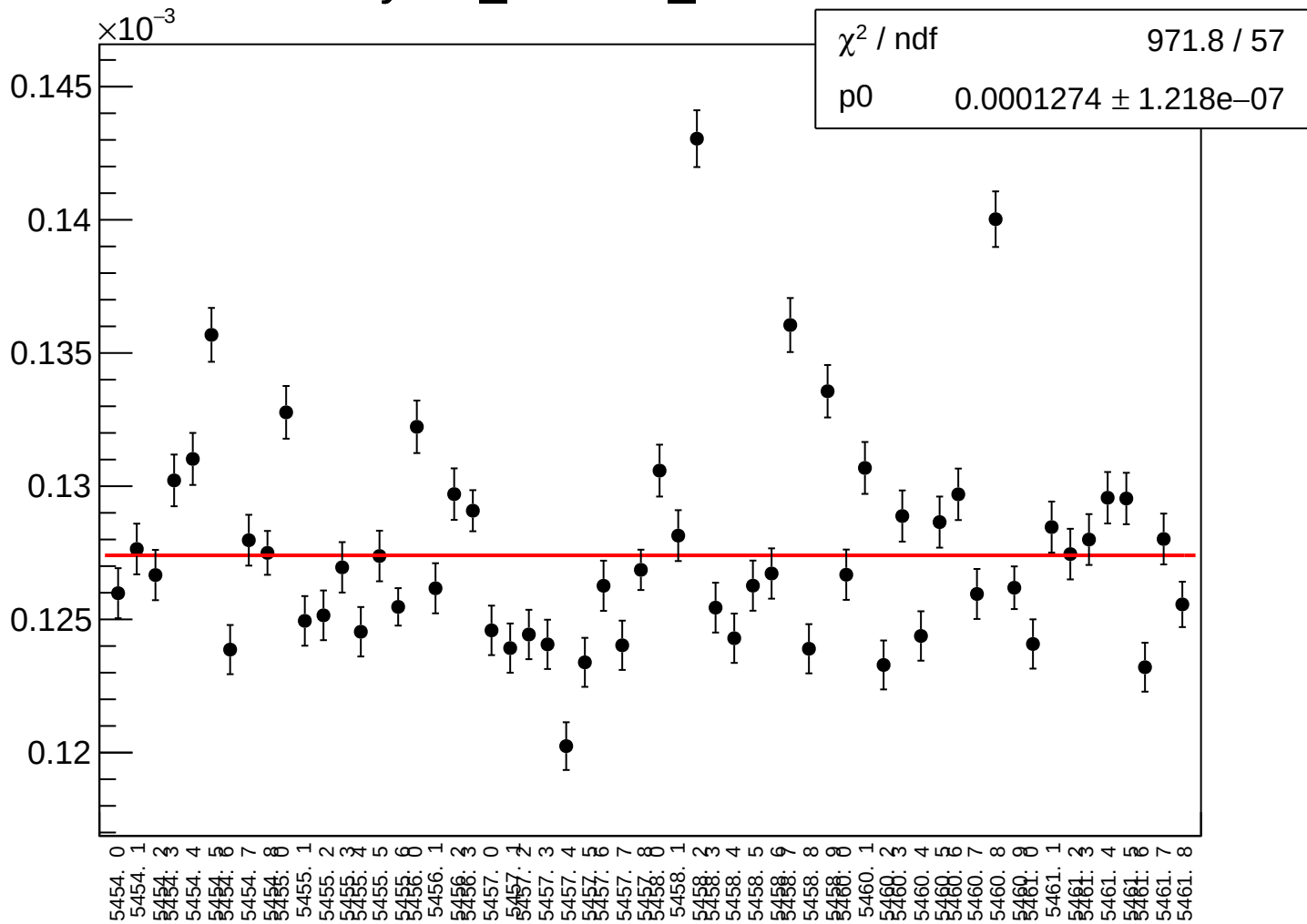




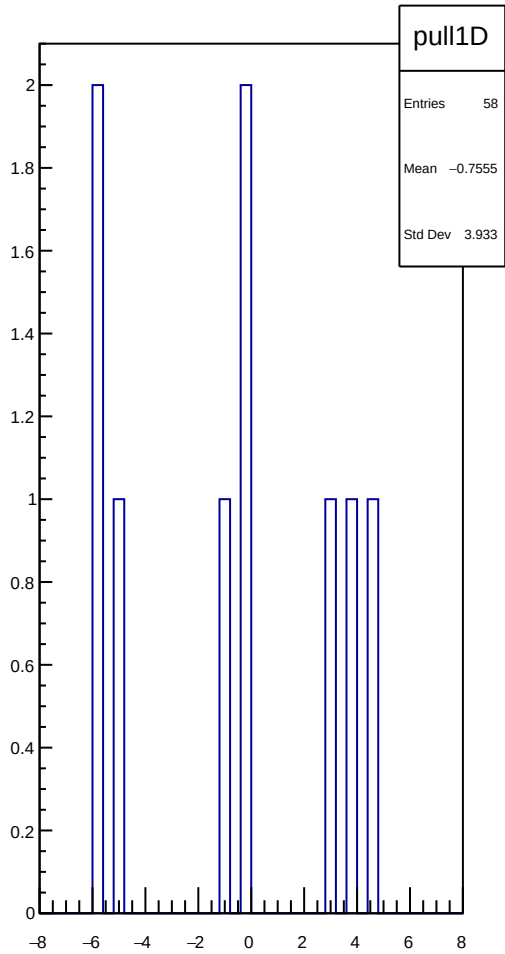
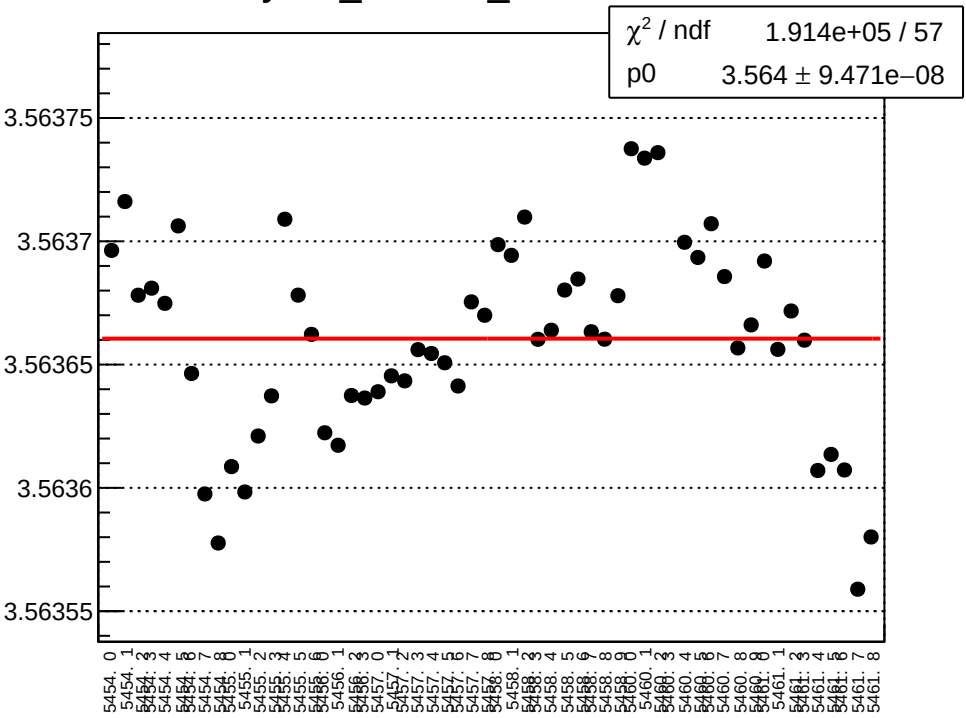
## yield\_cav4bX\_mean vs run



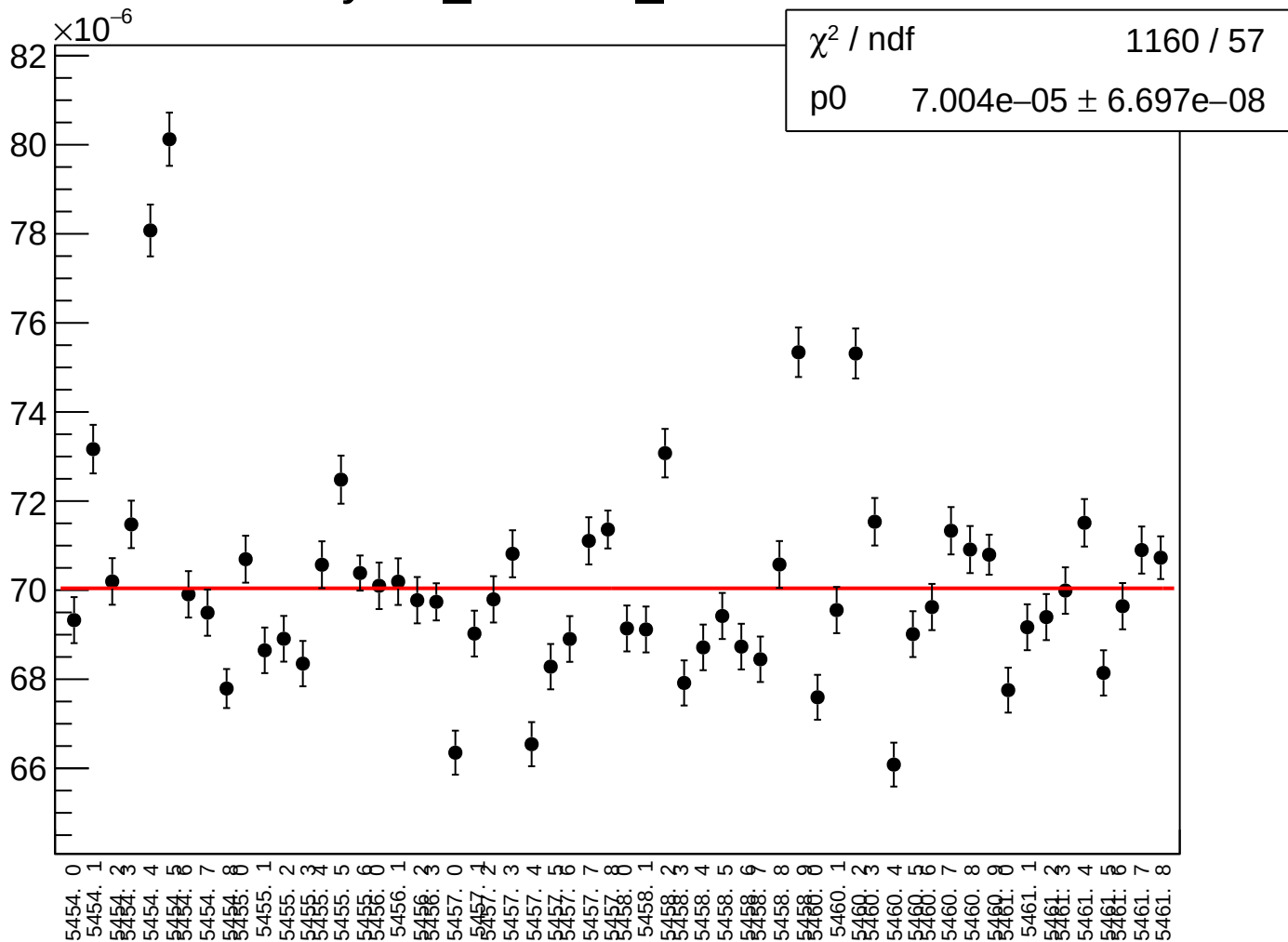
# yield\_cav4bX\_rms vs run



yield\_cav4bY\_mean vs run

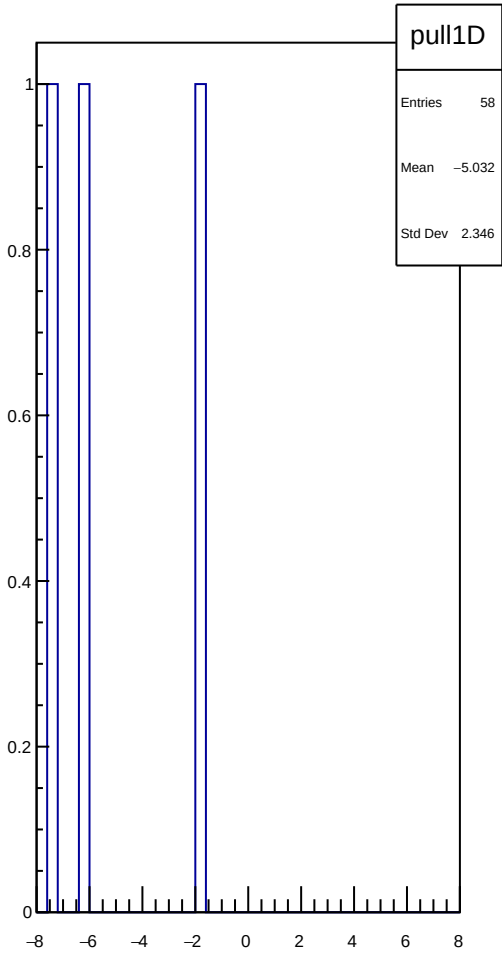
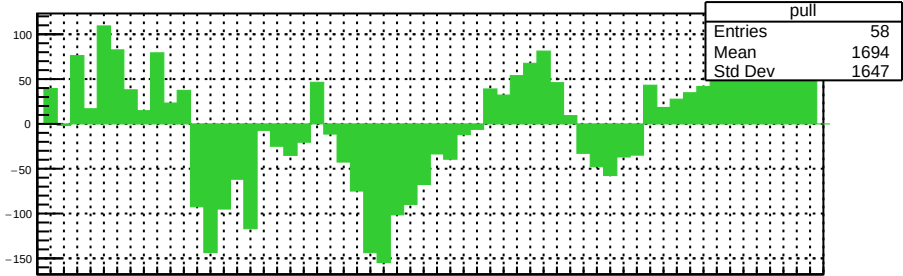
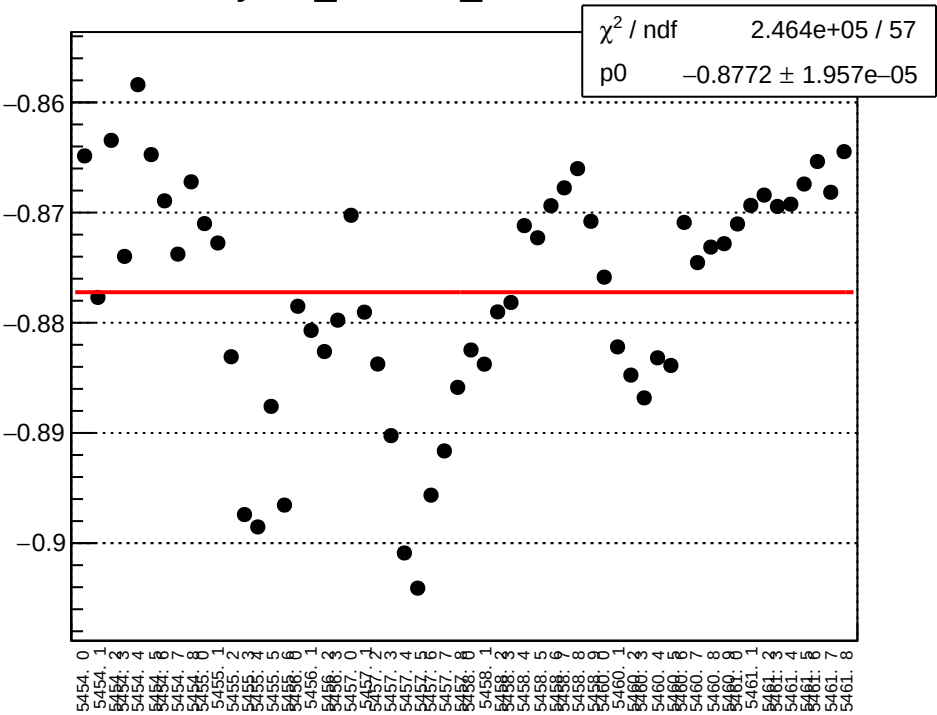


# yield\_cav4bY\_rms vs run

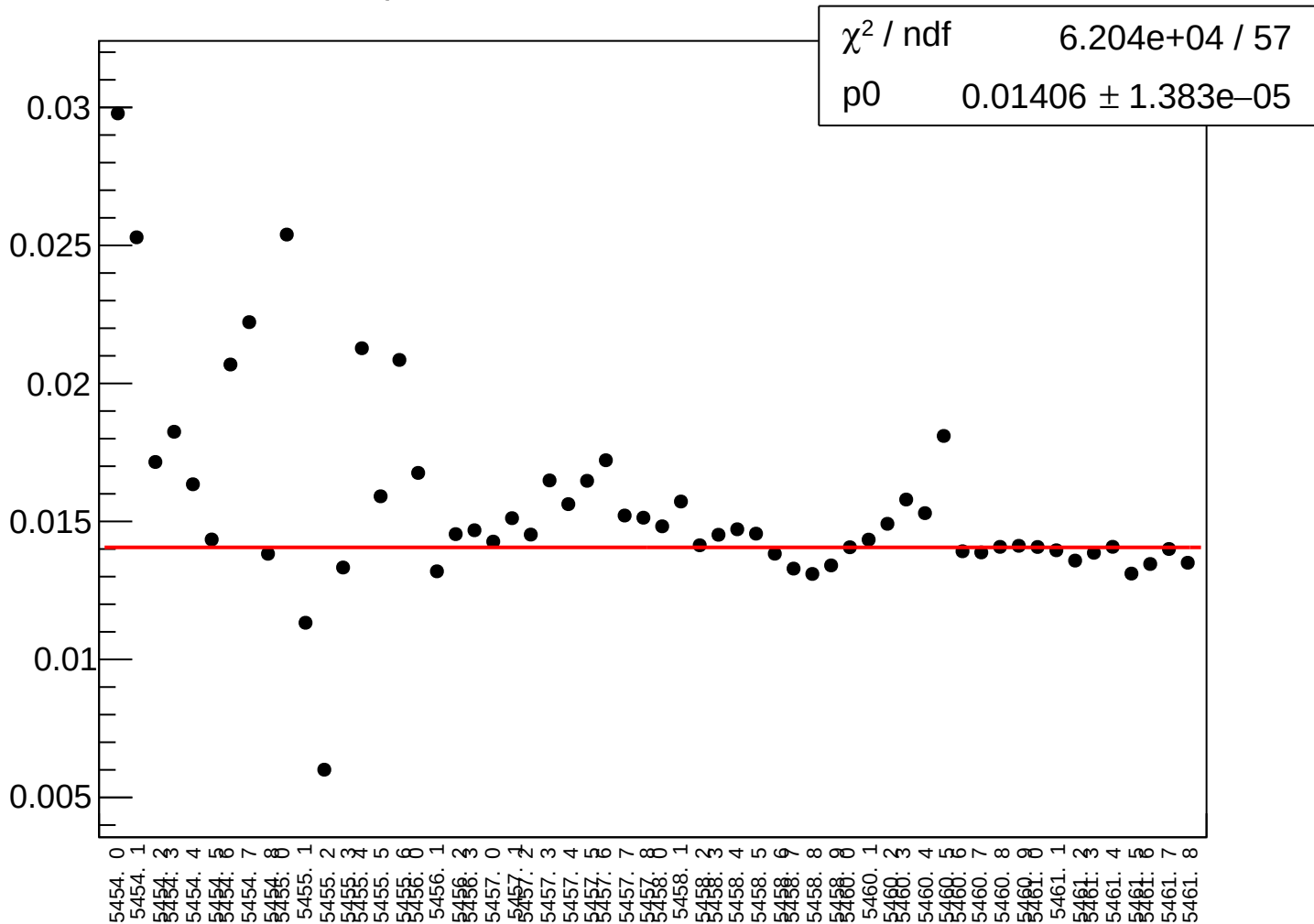




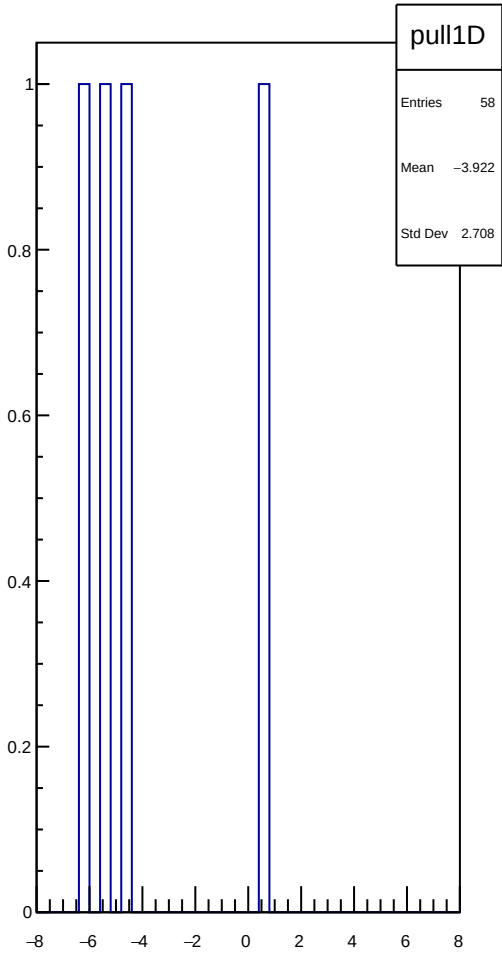
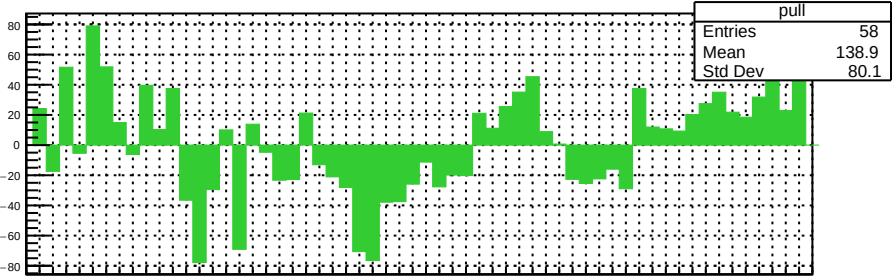
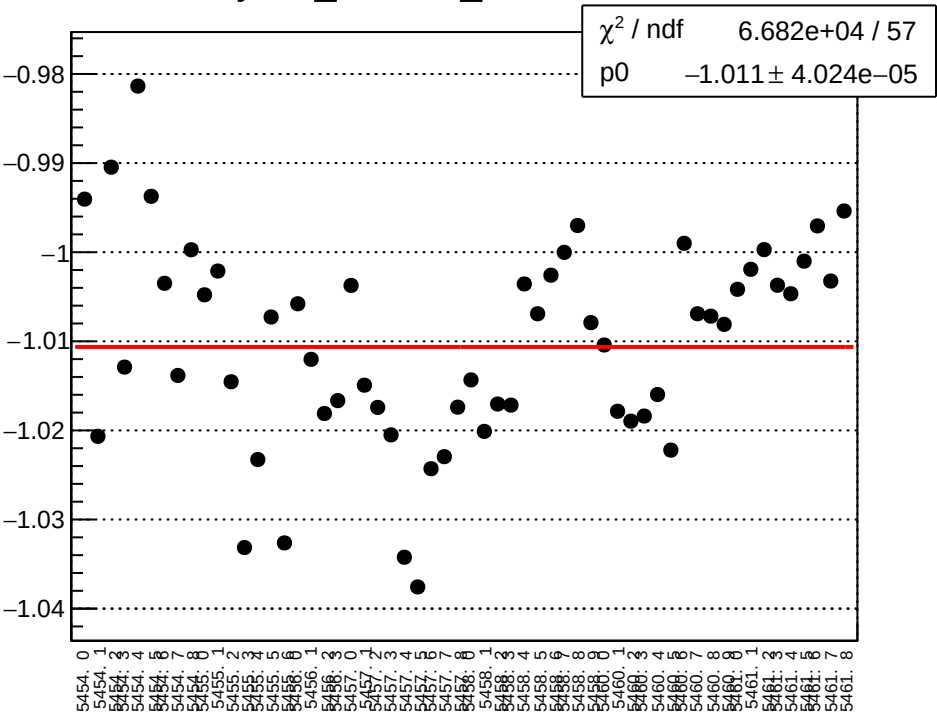
yield\_cav4cX\_mean vs run



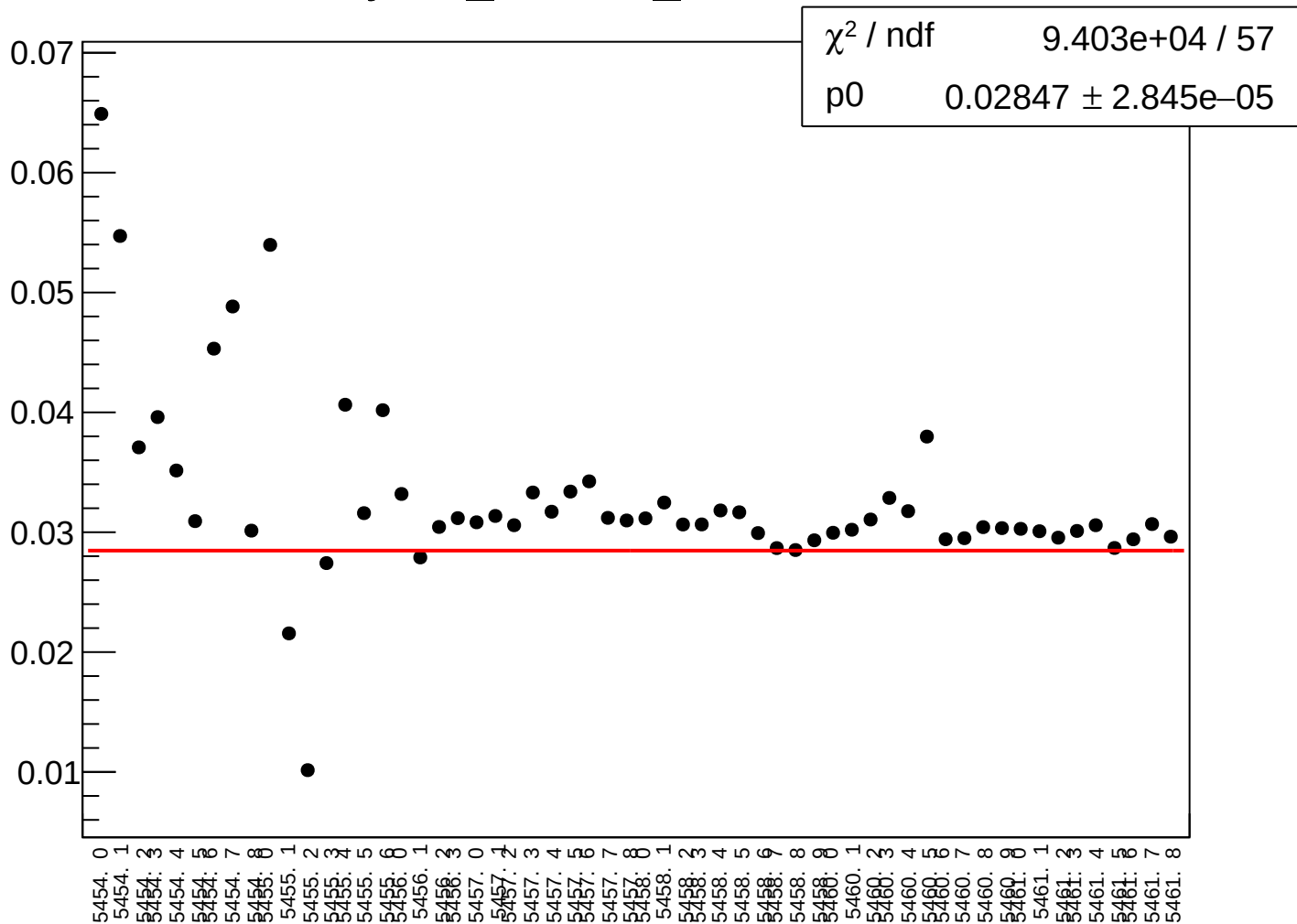
# yield\_cav4cX\_rms vs run



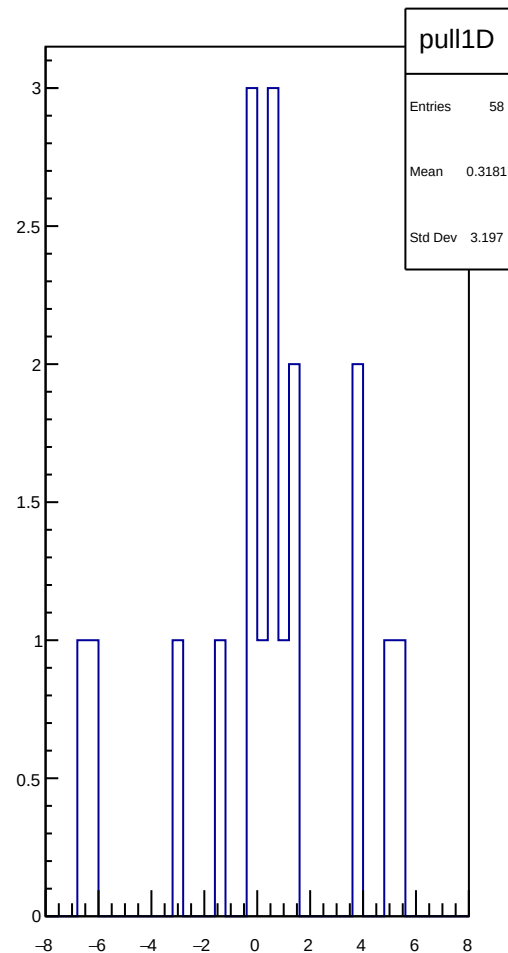
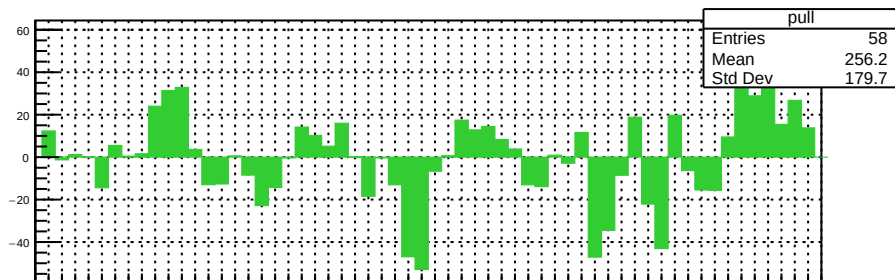
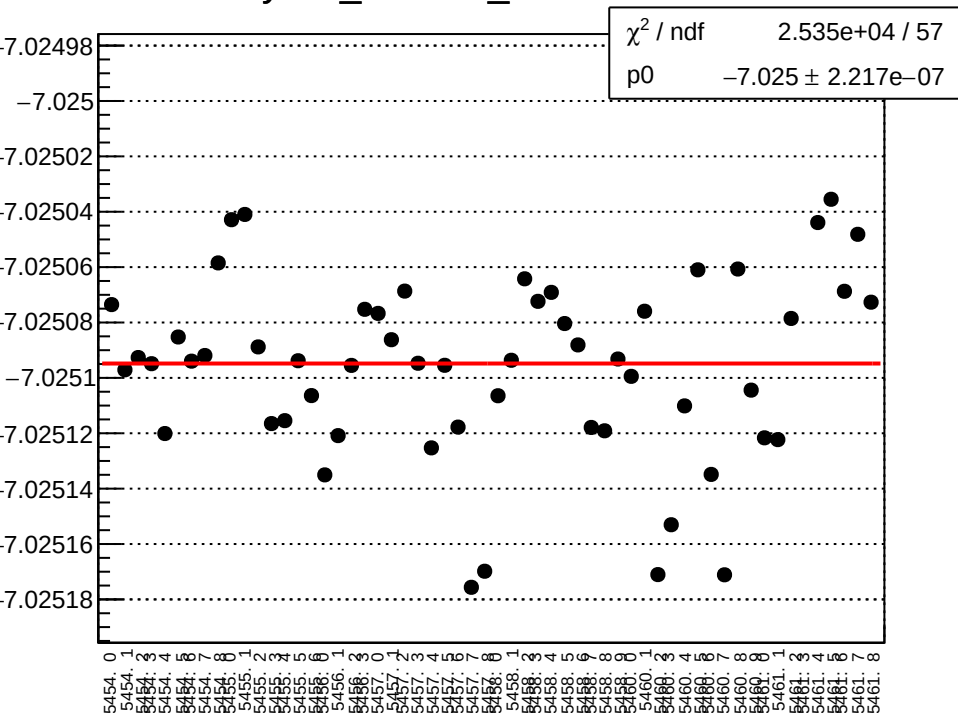
yield\_cav4cY\_mean vs run



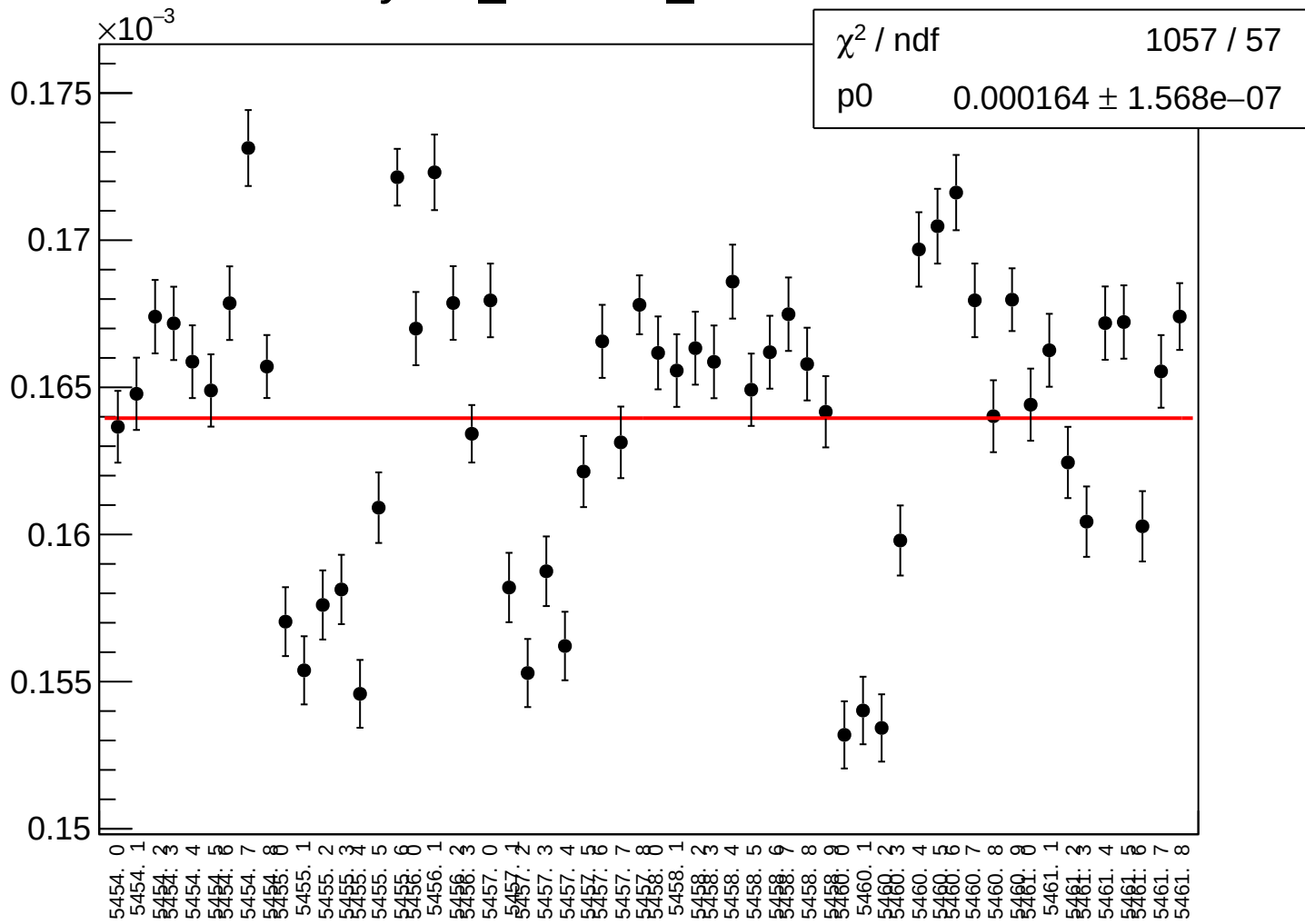
# yield\_cav4cY\_rms vs run



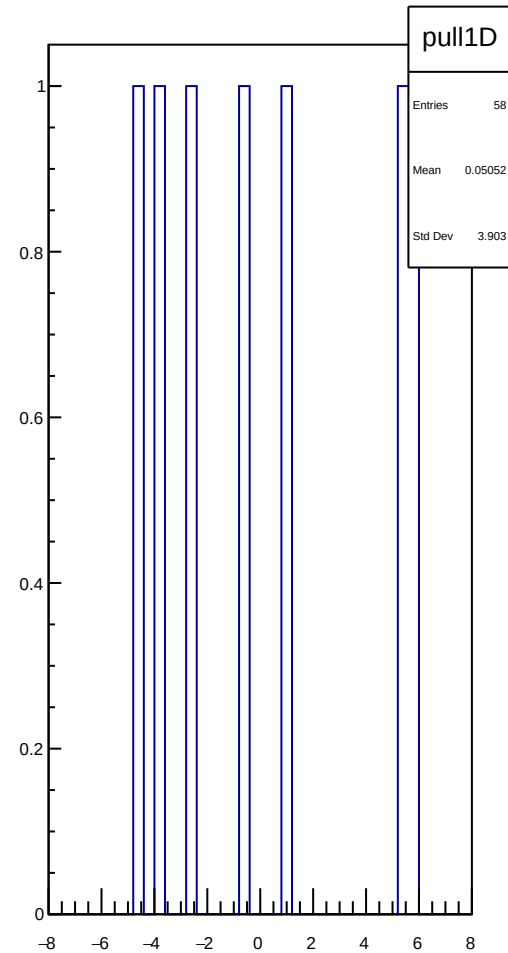
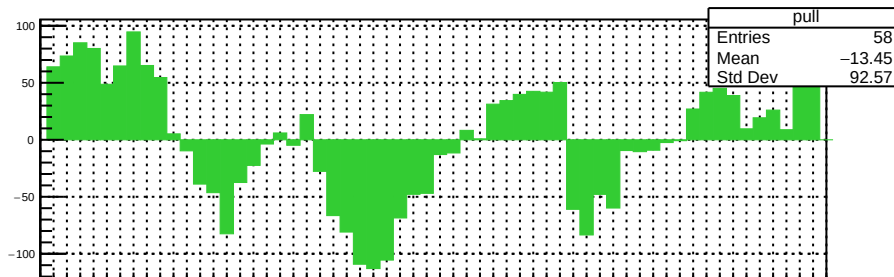
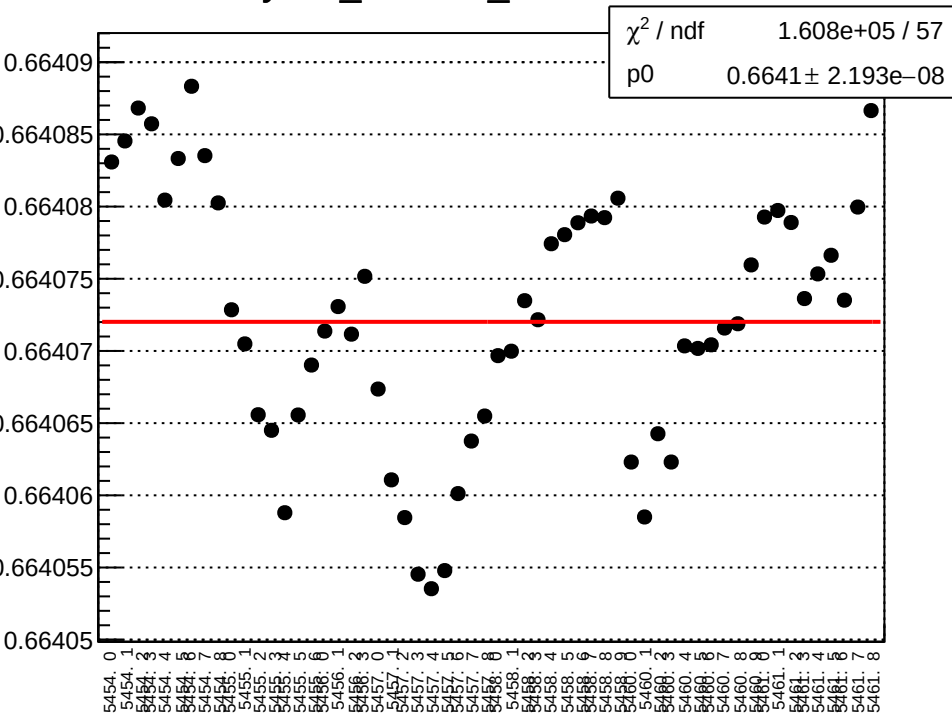
yield\_cav4dX\_mean vs run



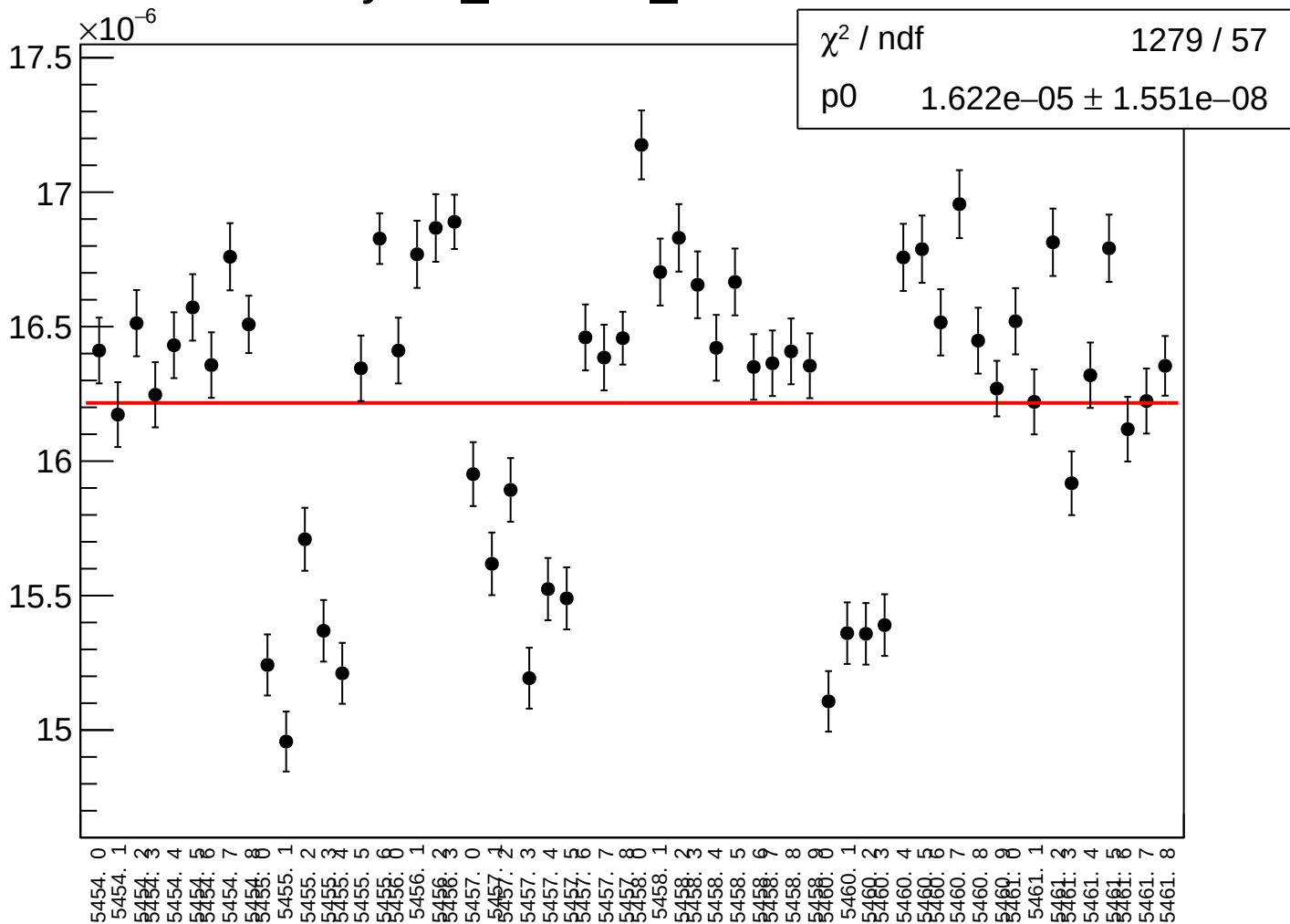
# yield\_cav4dX\_rms vs run



# yield\_cav4dY\_mean vs run

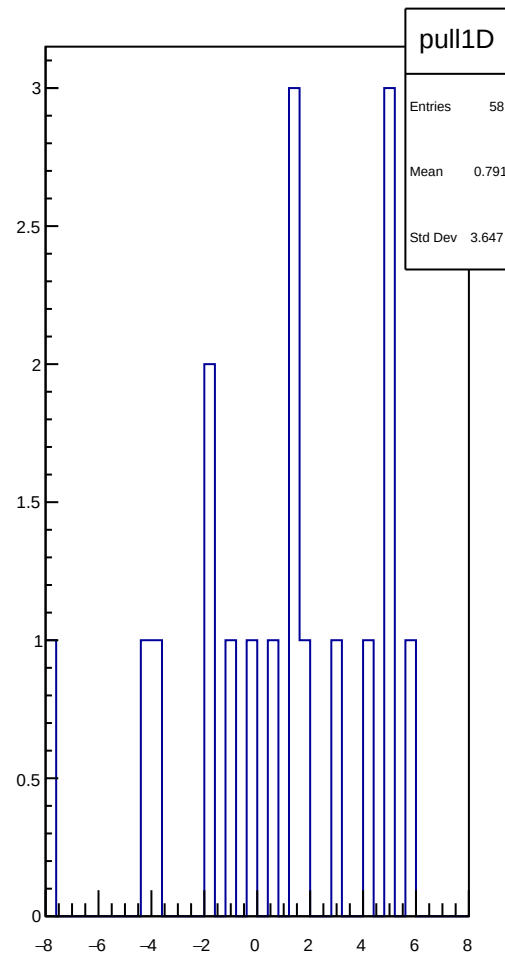
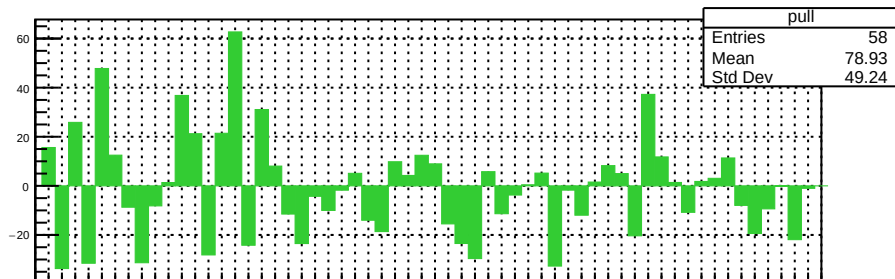
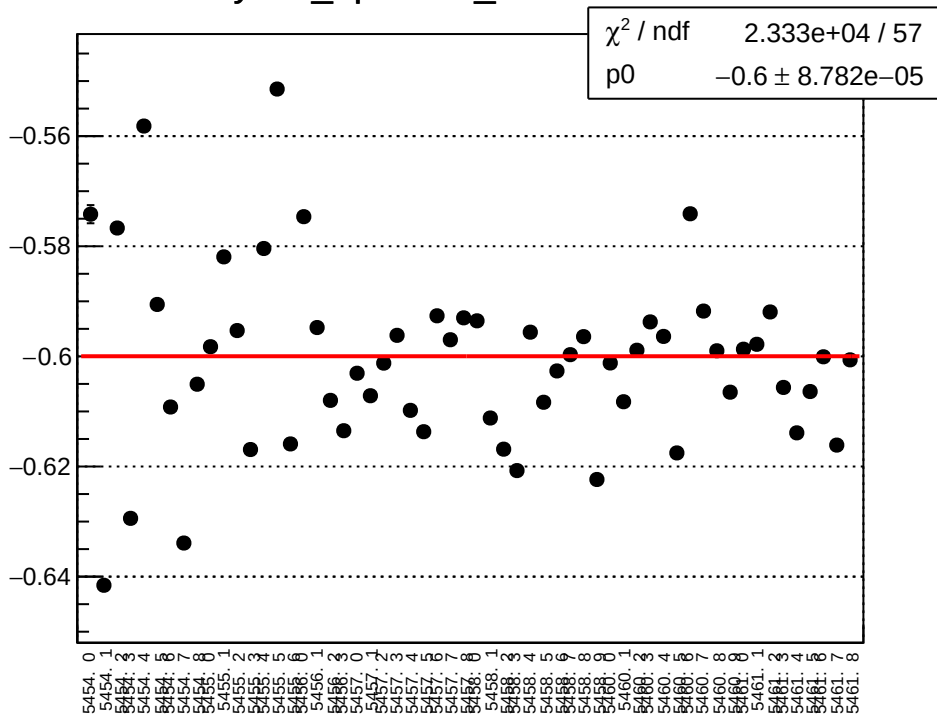


# yield\_cav4dY\_rms vs run

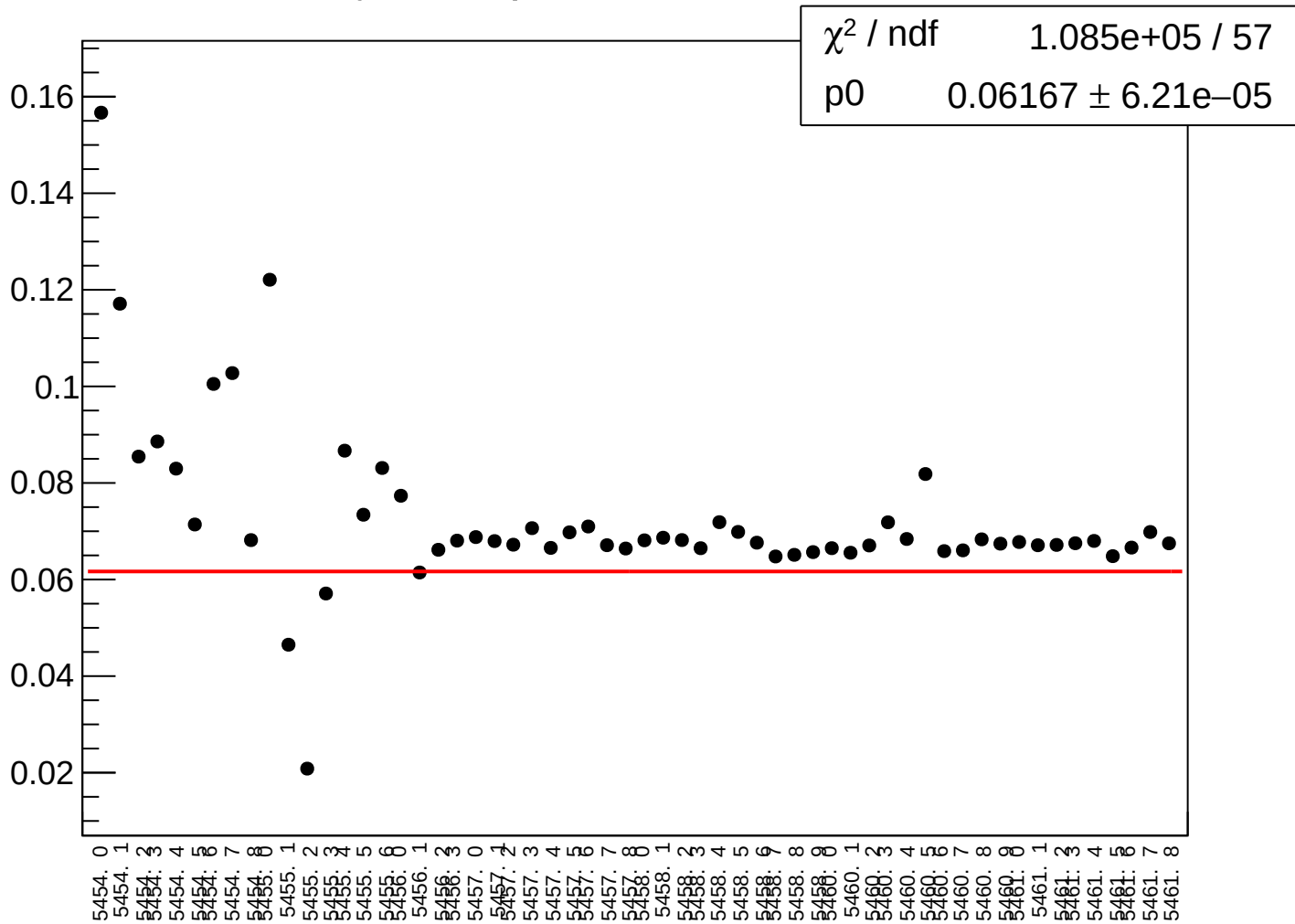




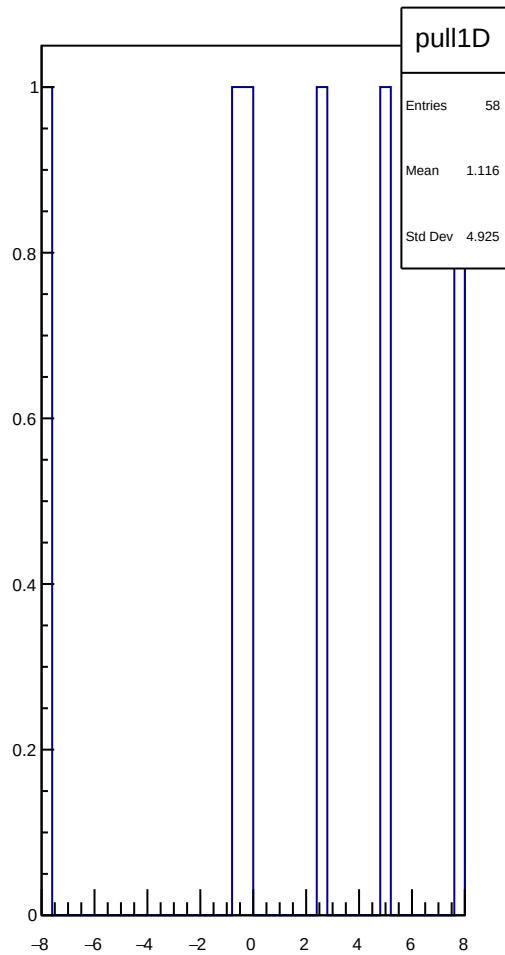
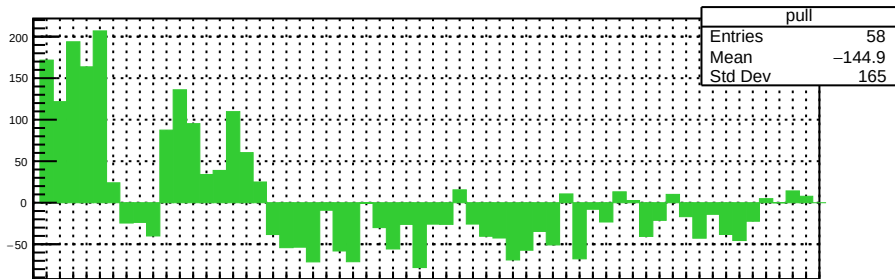
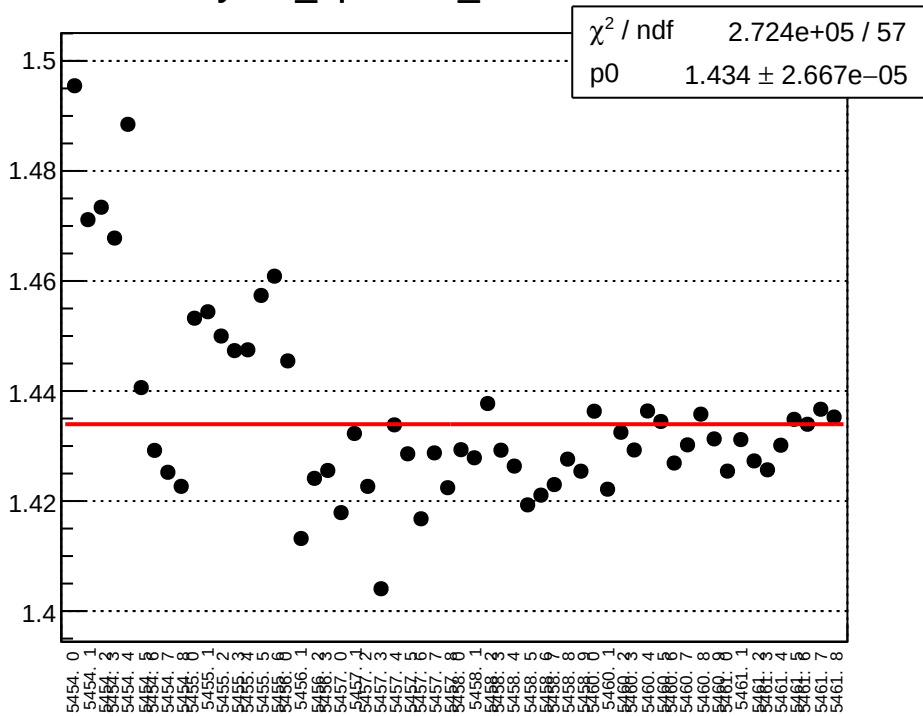
# yield\_bpm4aX\_mean vs run



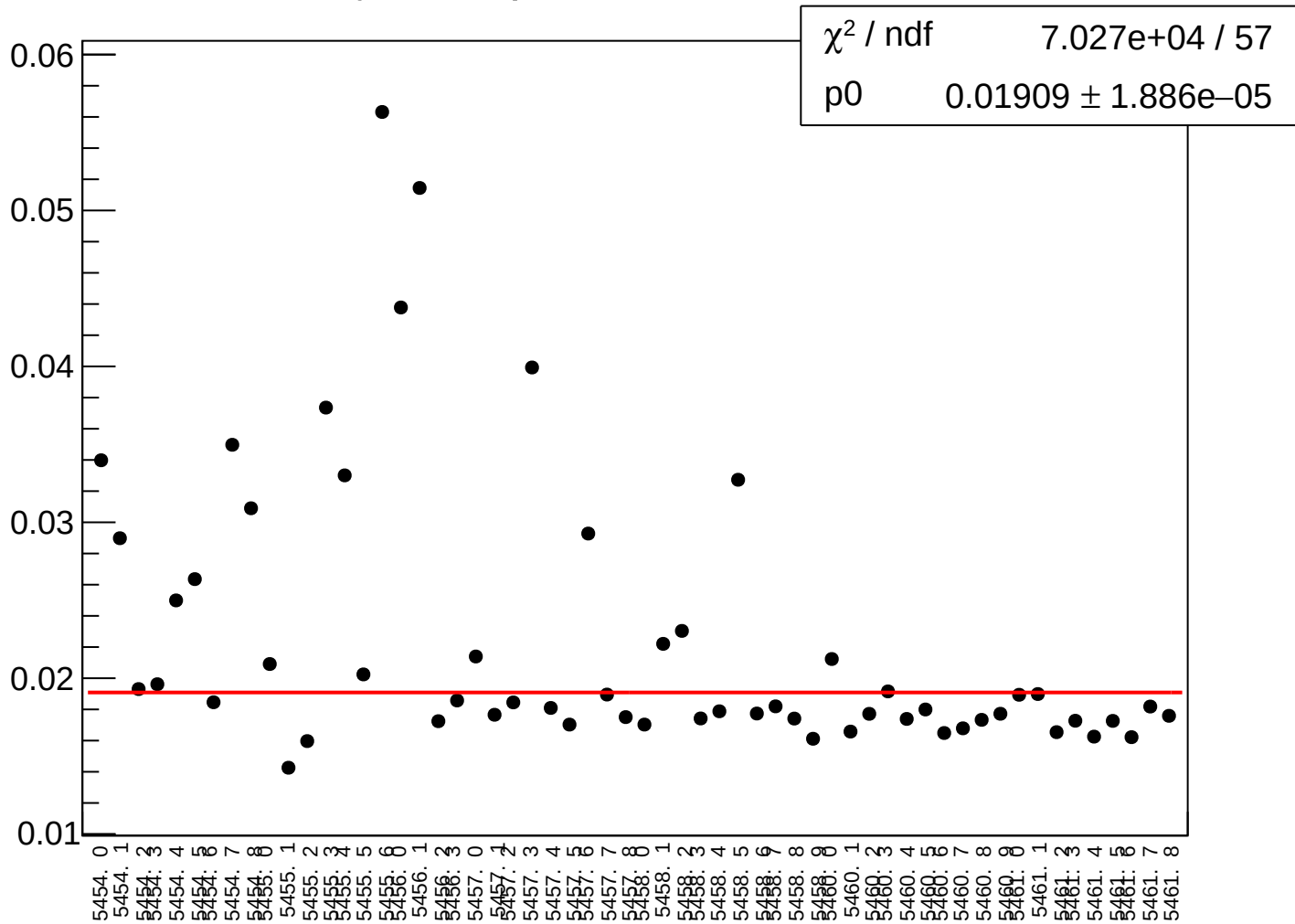
# yield\_bpm4aX\_rms vs run



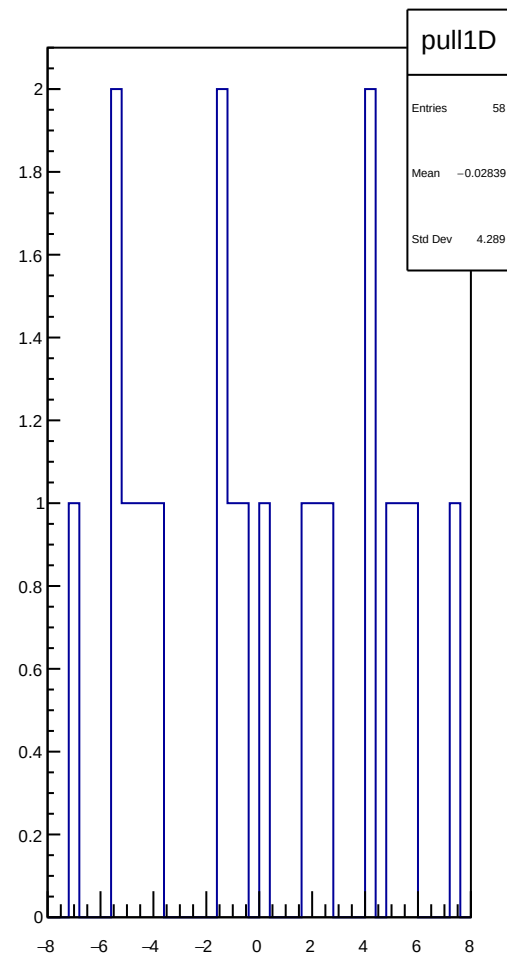
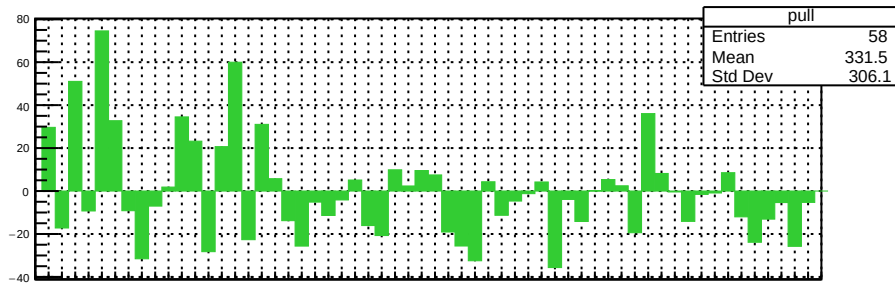
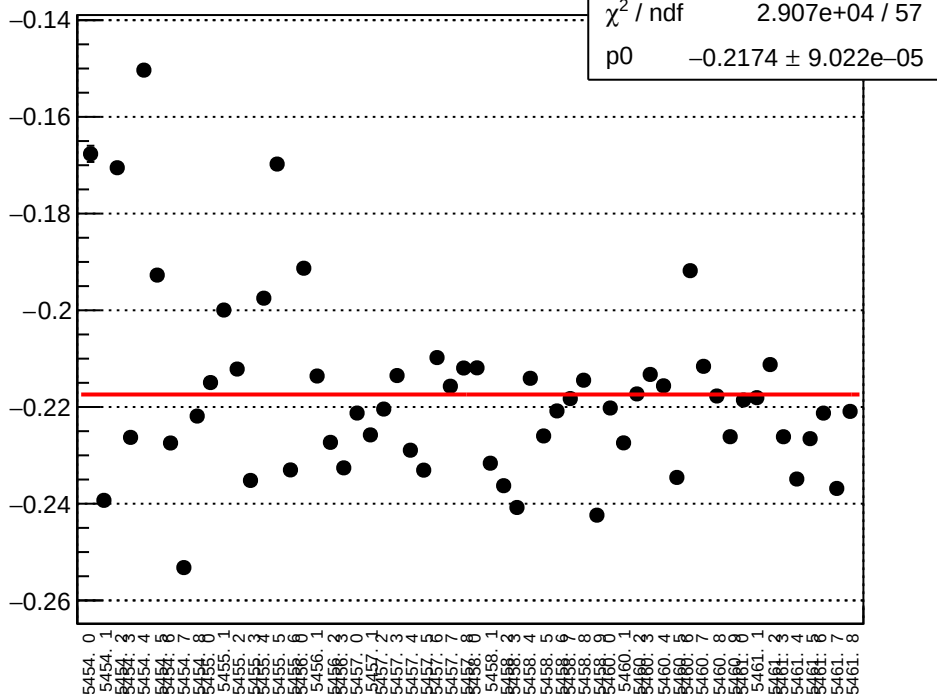
## yield\_bpm4aY\_mean vs run



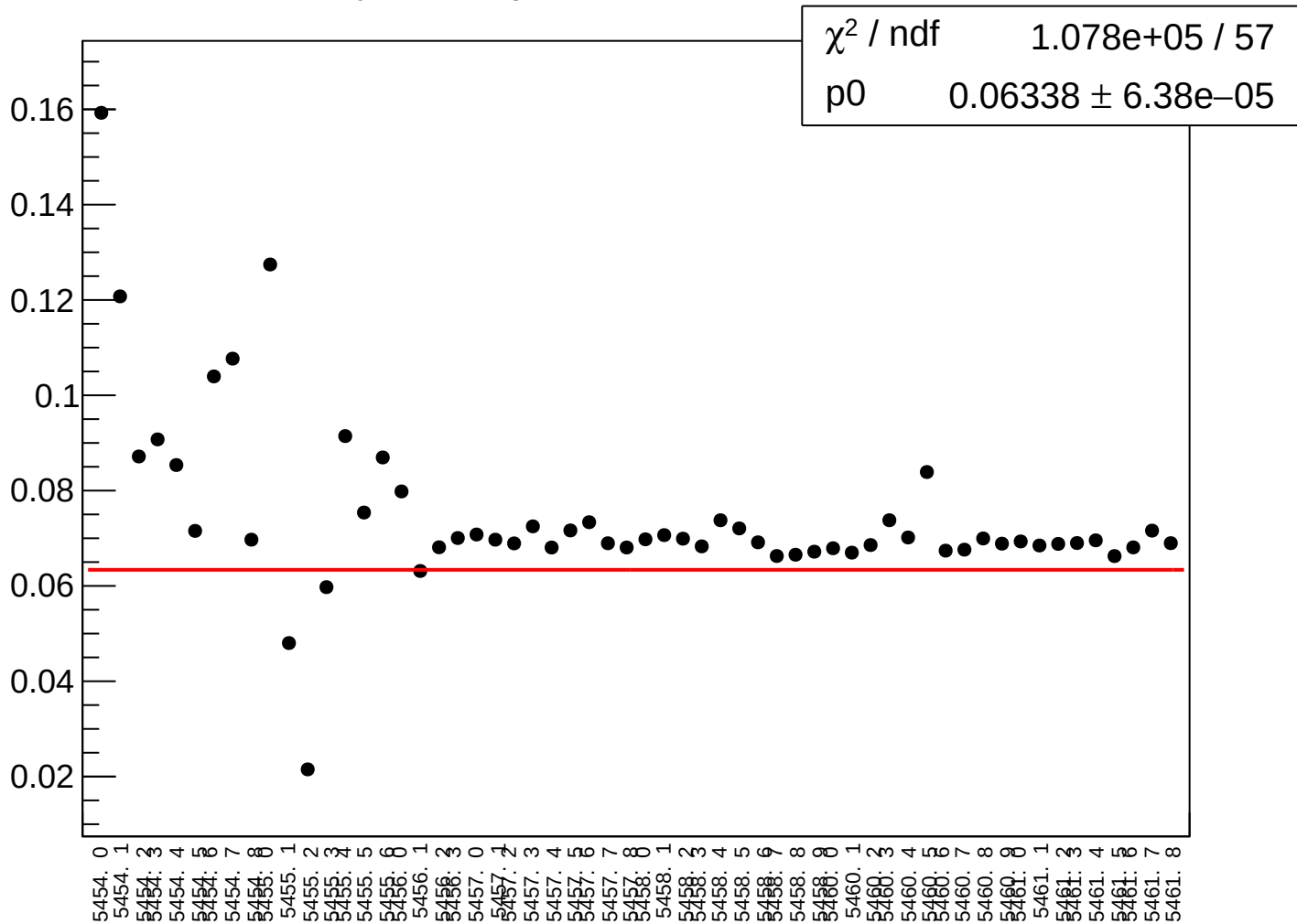
# yield\_bpm4aY\_rms vs run



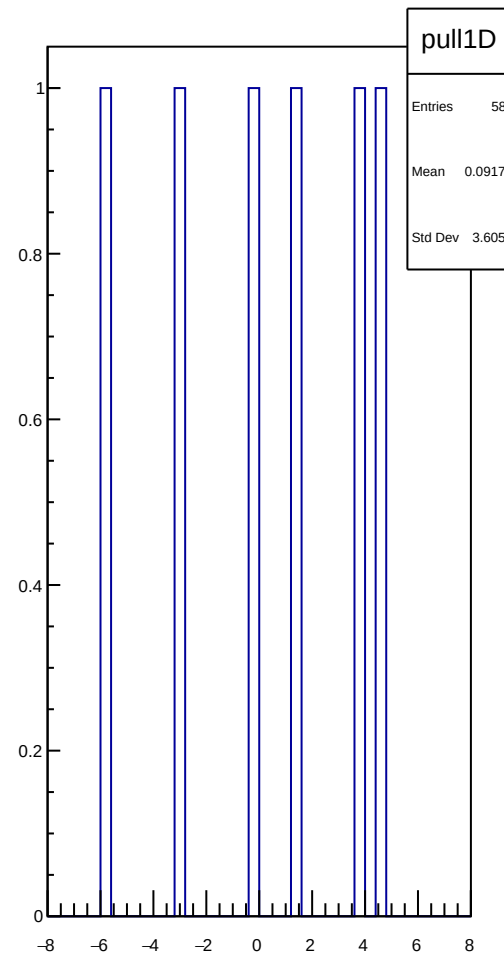
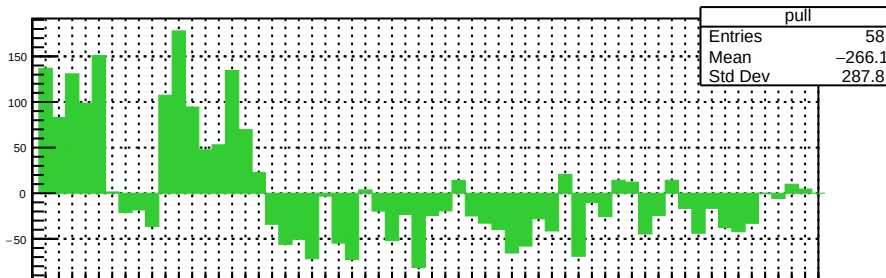
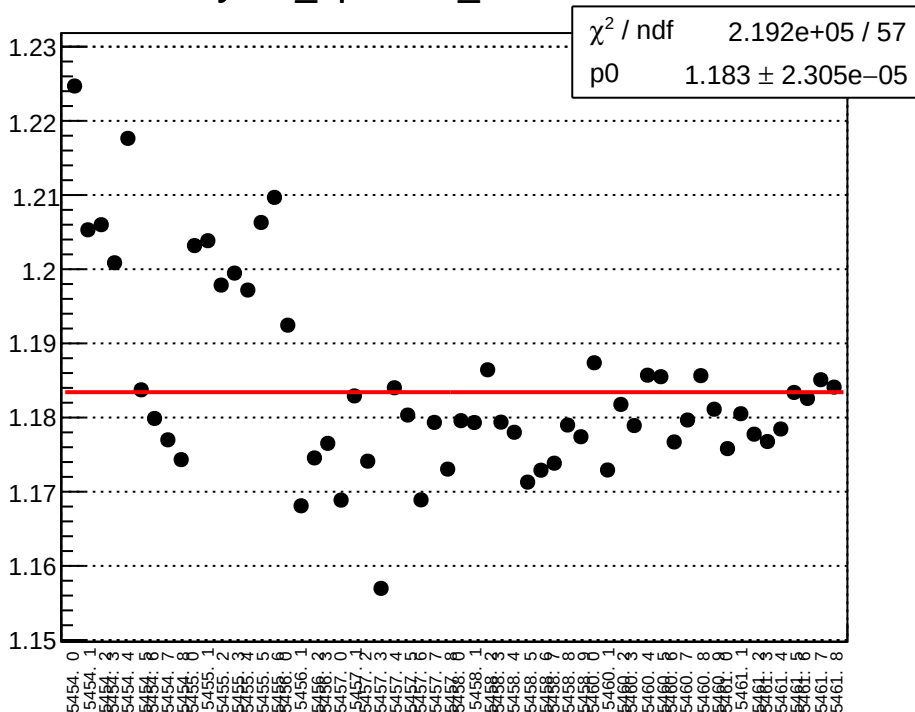
yield\_bpm4eX\_mean vs run



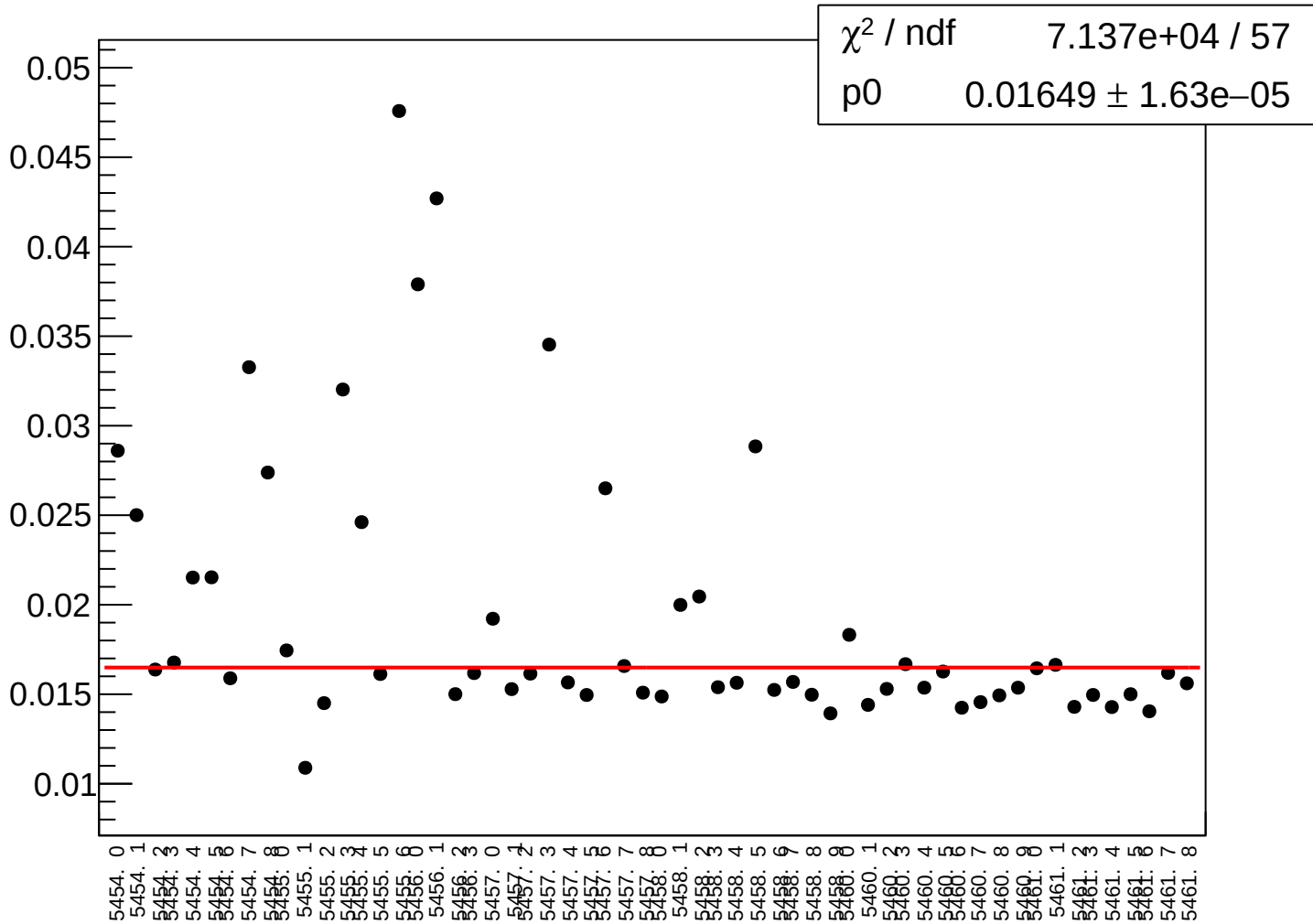
# yield\_bpm4eX\_rms vs run



# yield\_bpm4eY\_mean vs run

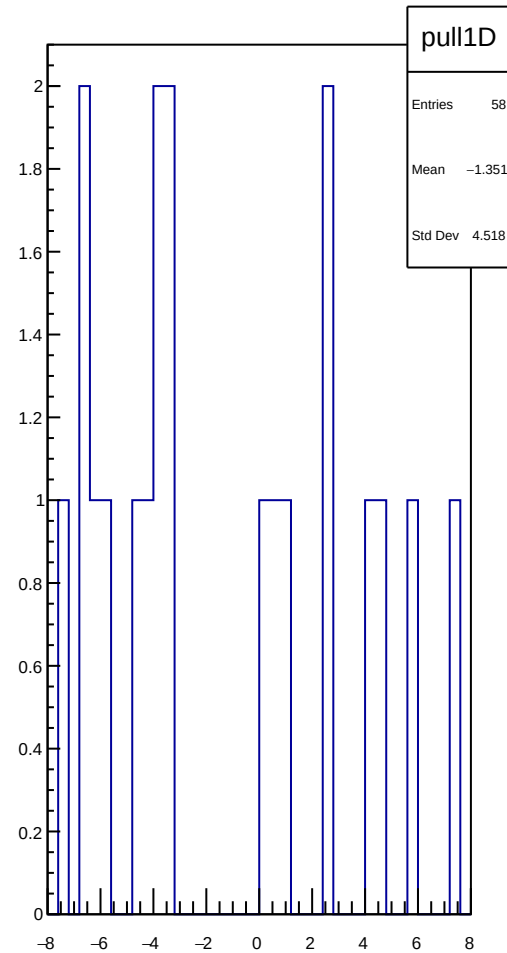
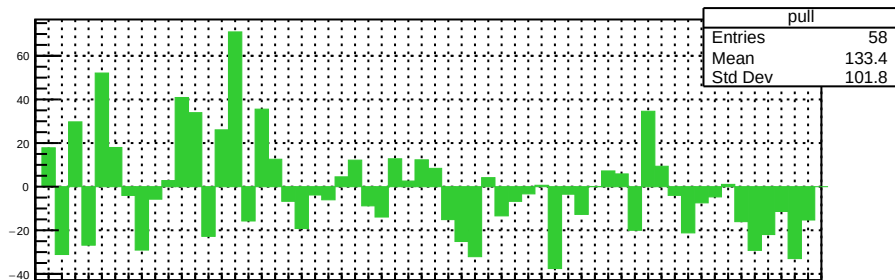
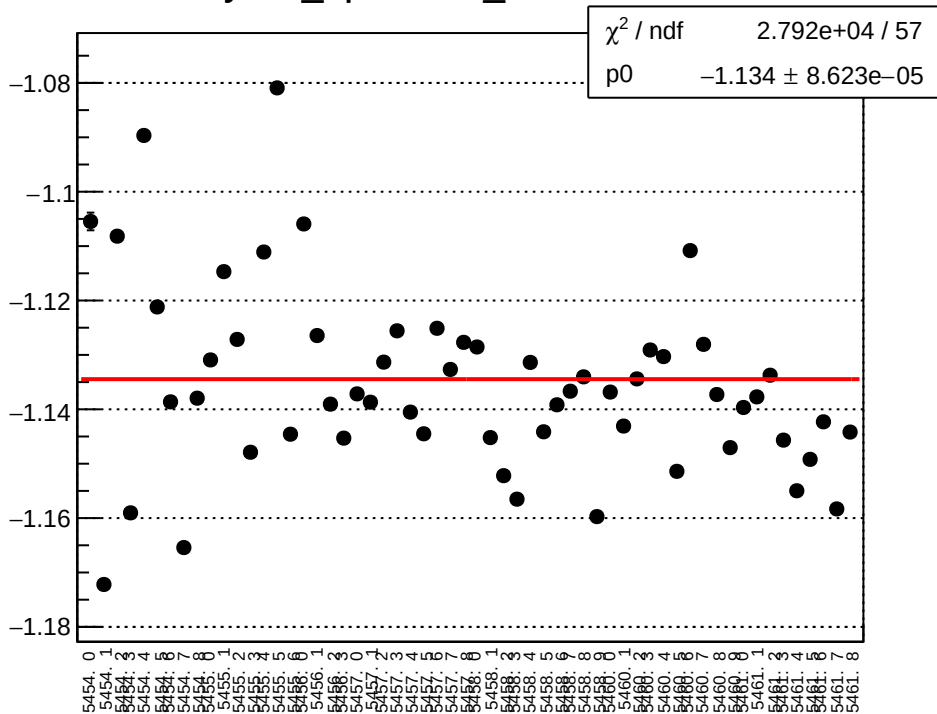


# yield\_bpm4eY\_rms vs run

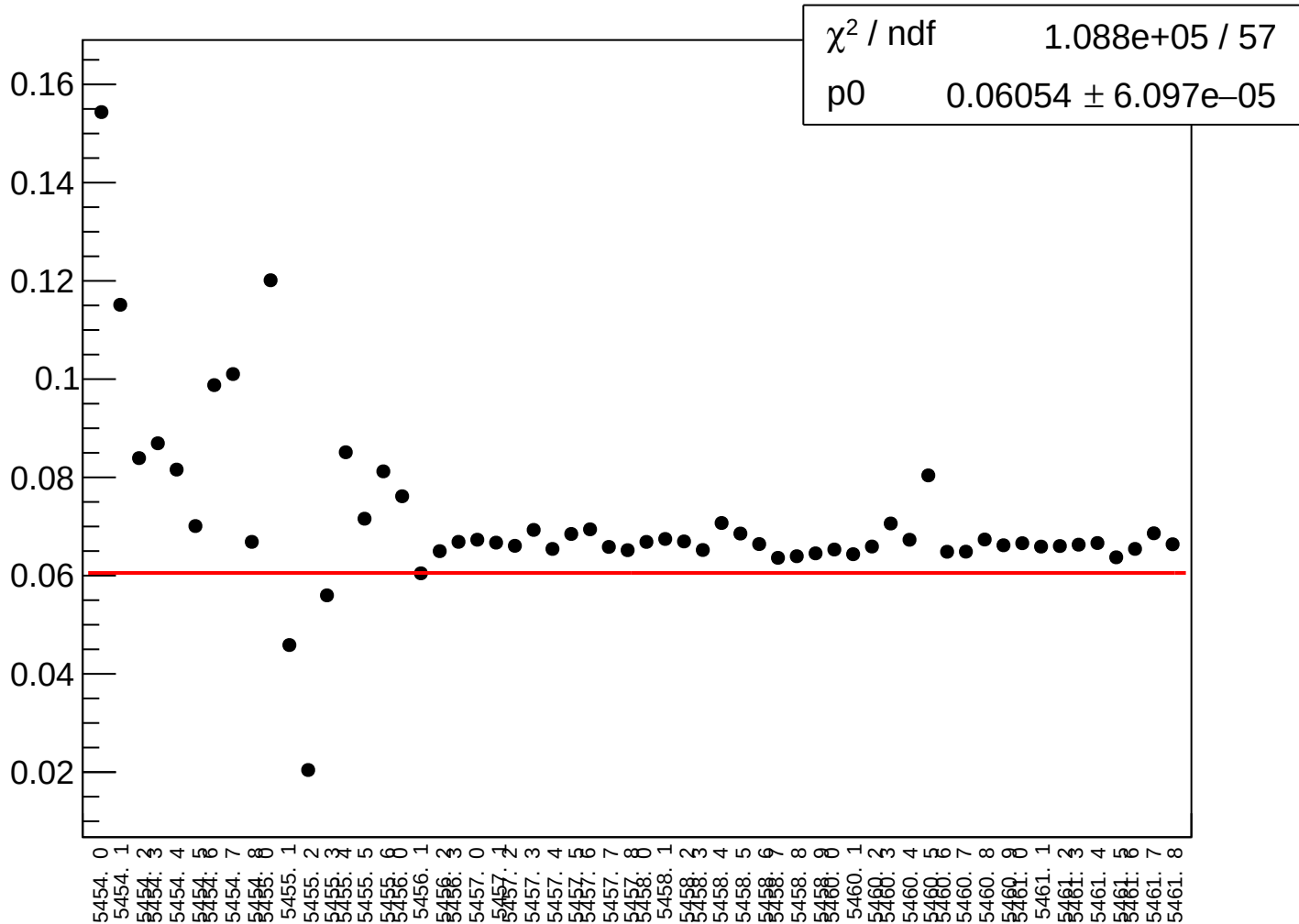




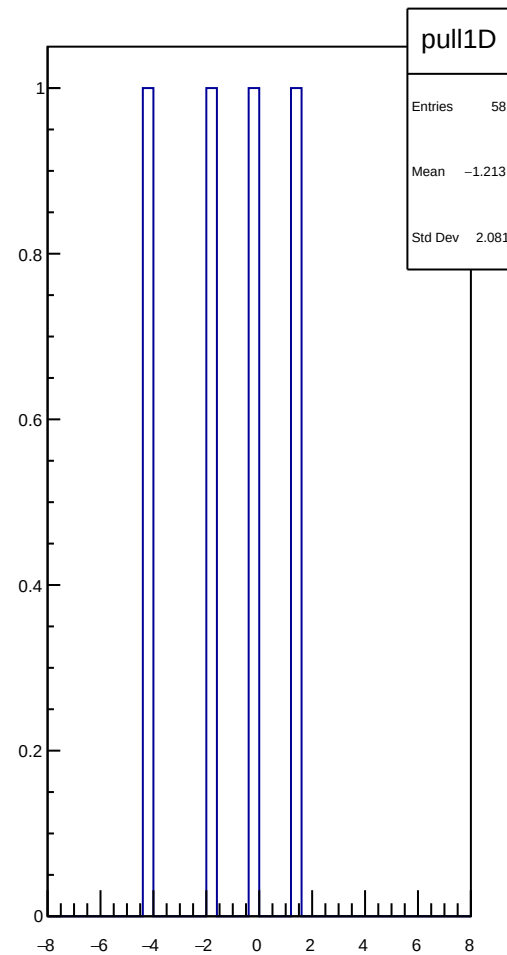
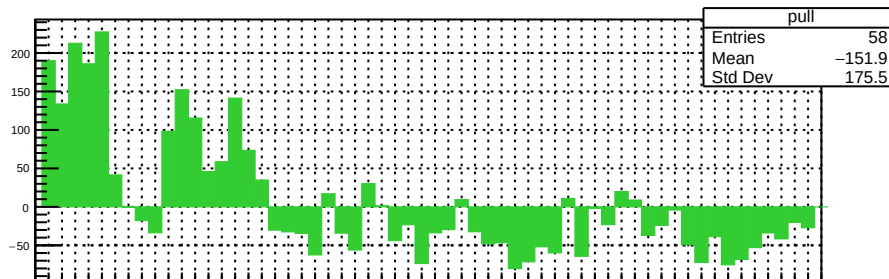
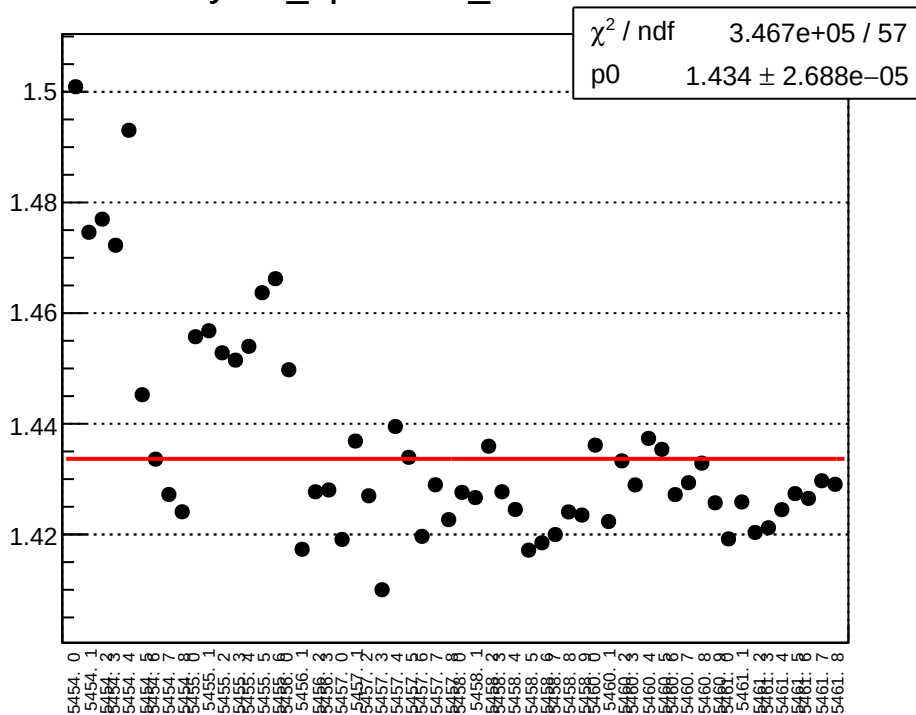
yield\_bpm4acX\_mean vs run



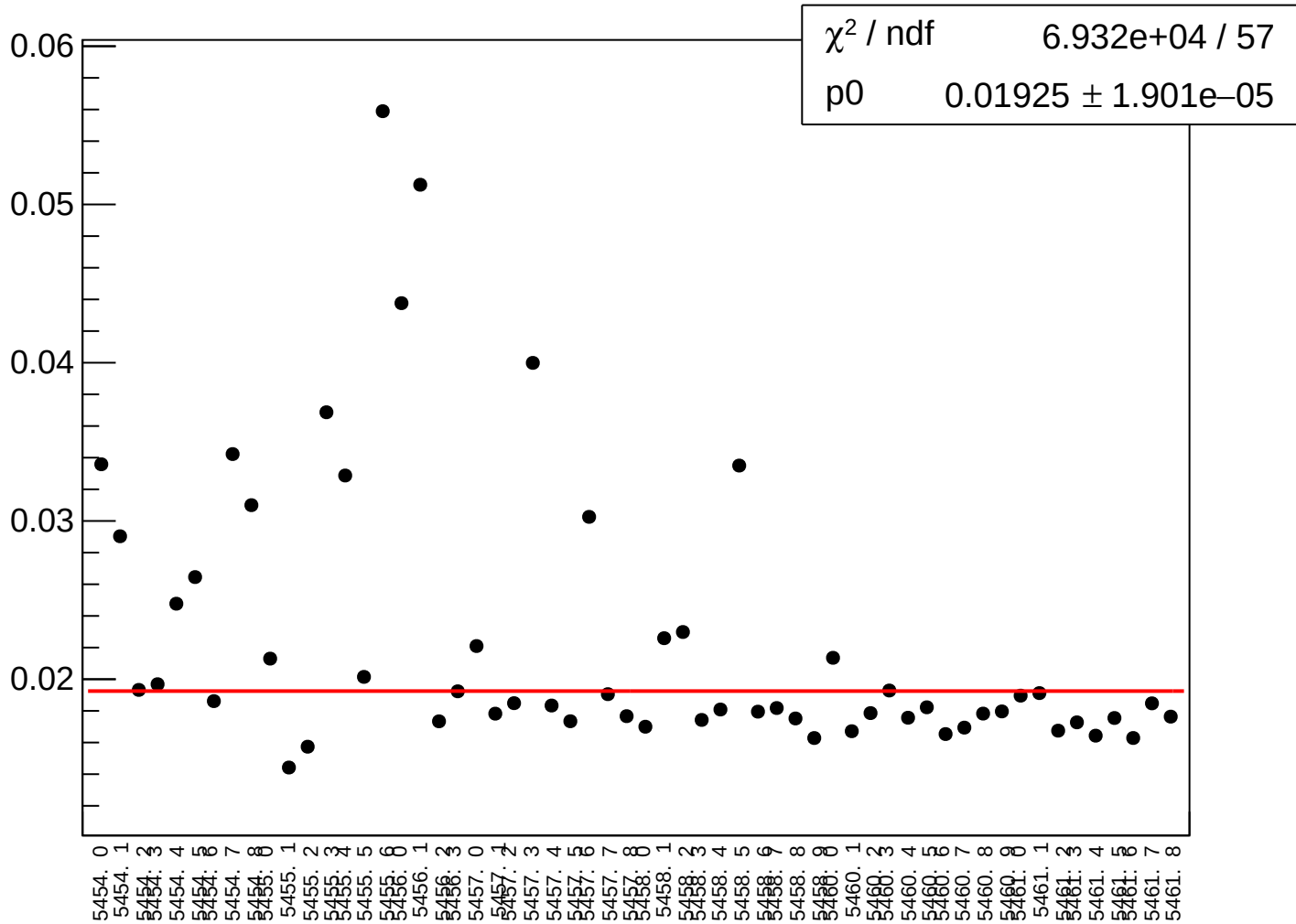
# yield\_bpm4acX\_rms vs run



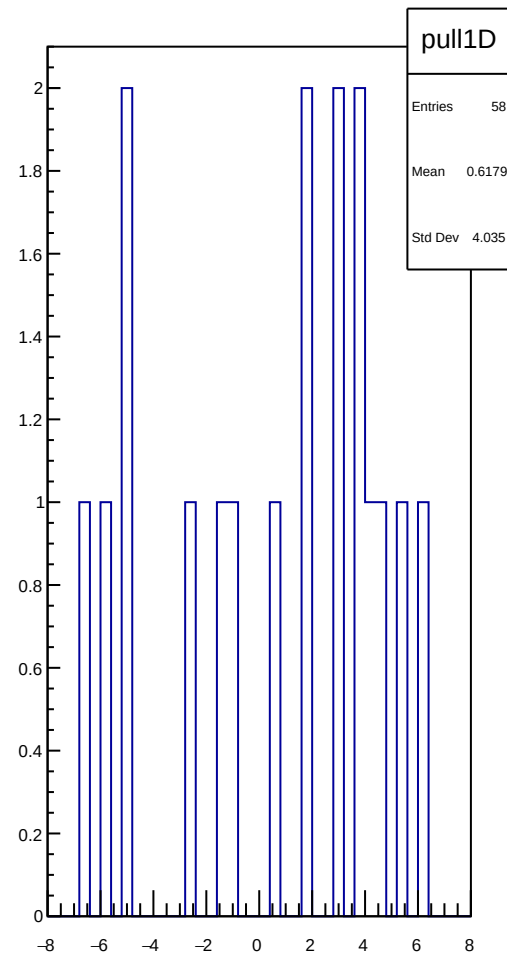
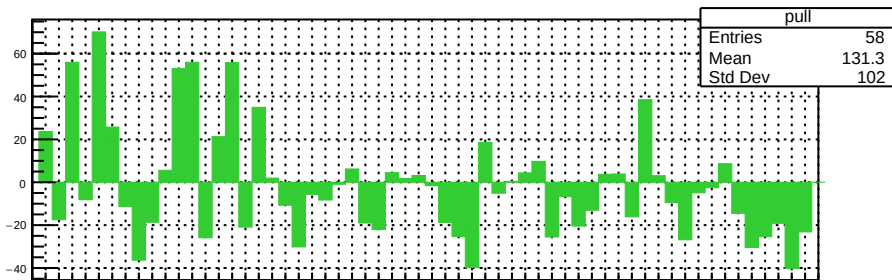
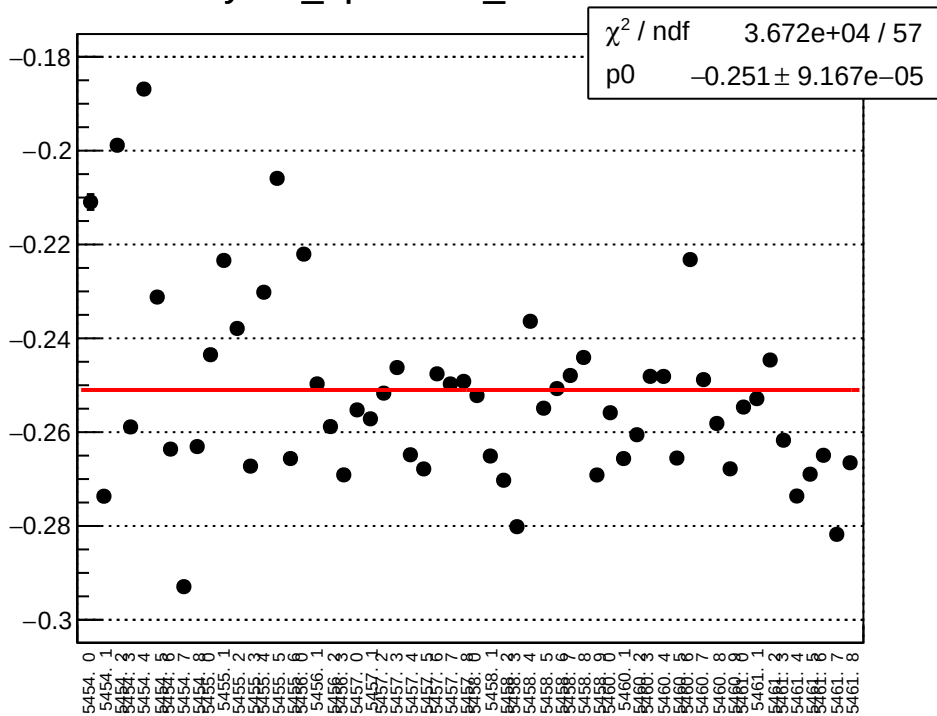
# yield\_bpm4acY\_mean vs run



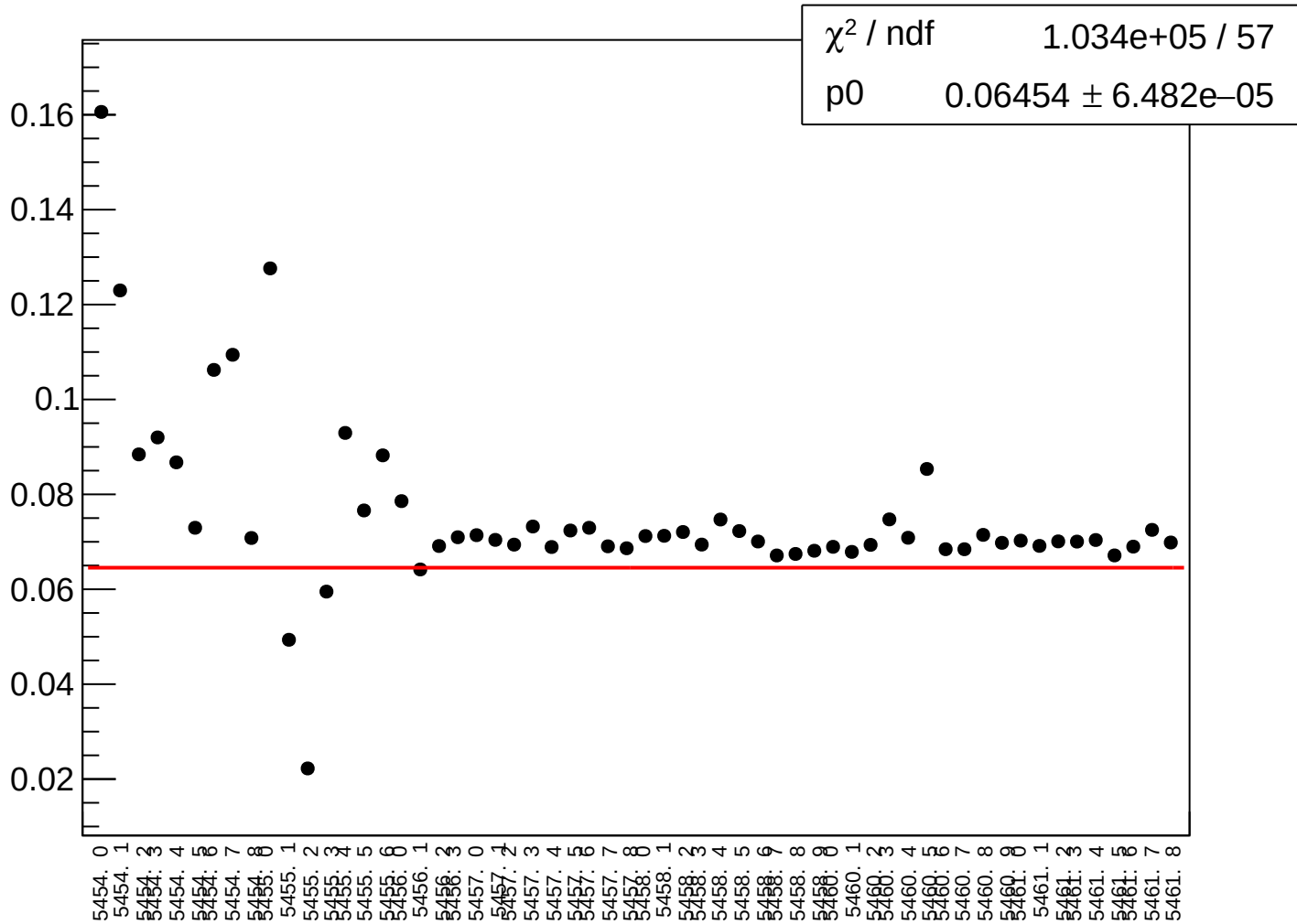
# yield\_bpm4acY\_rms vs run



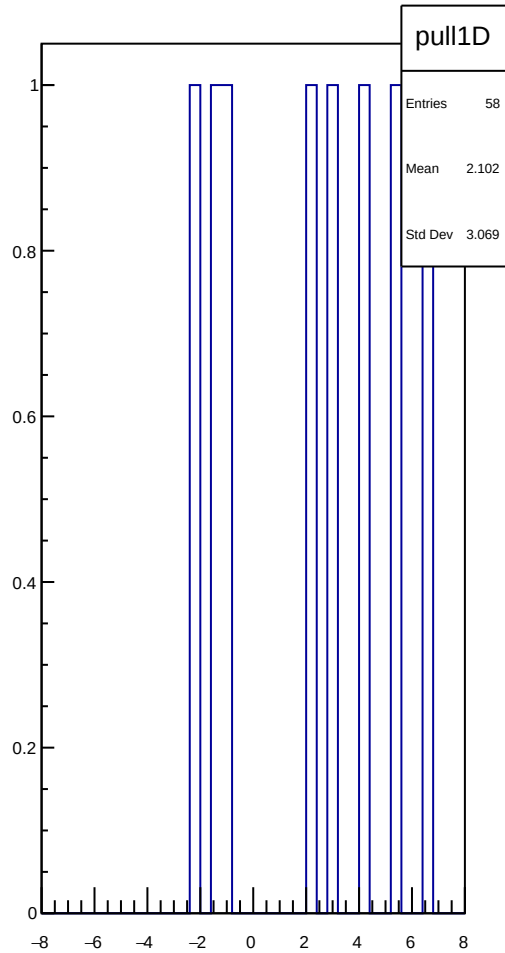
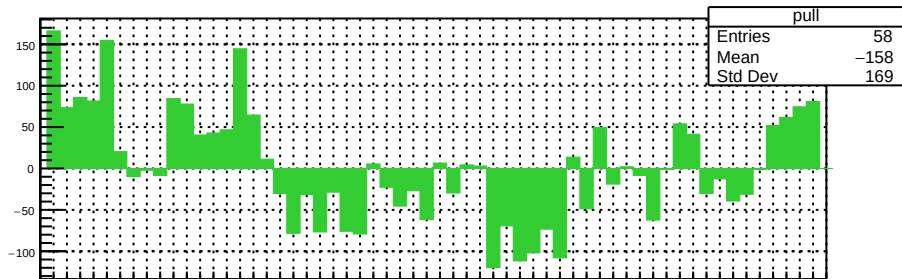
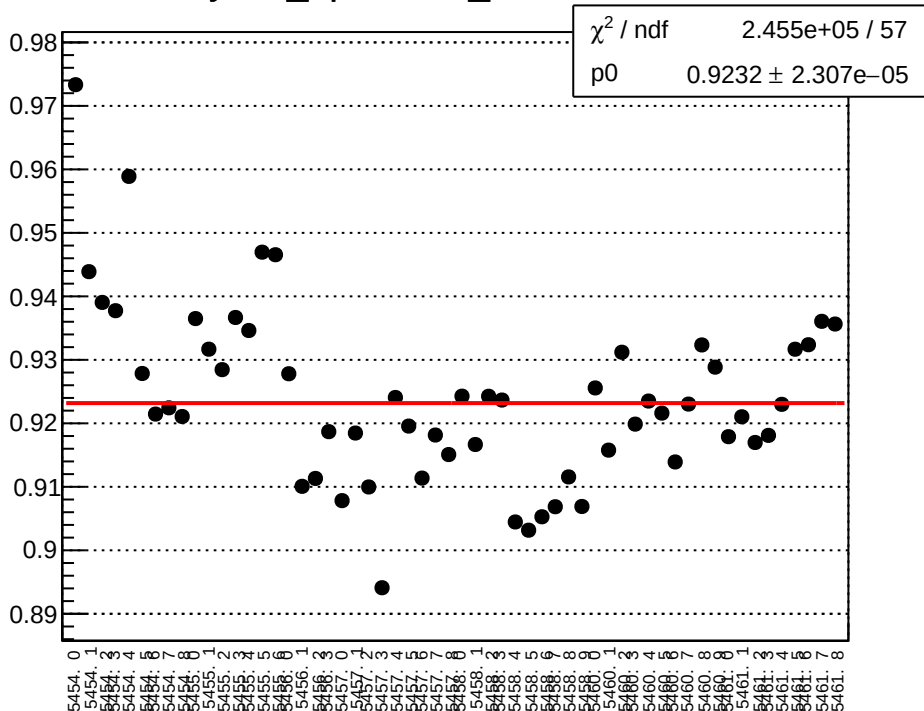
yield\_bpm4ecX\_mean vs run



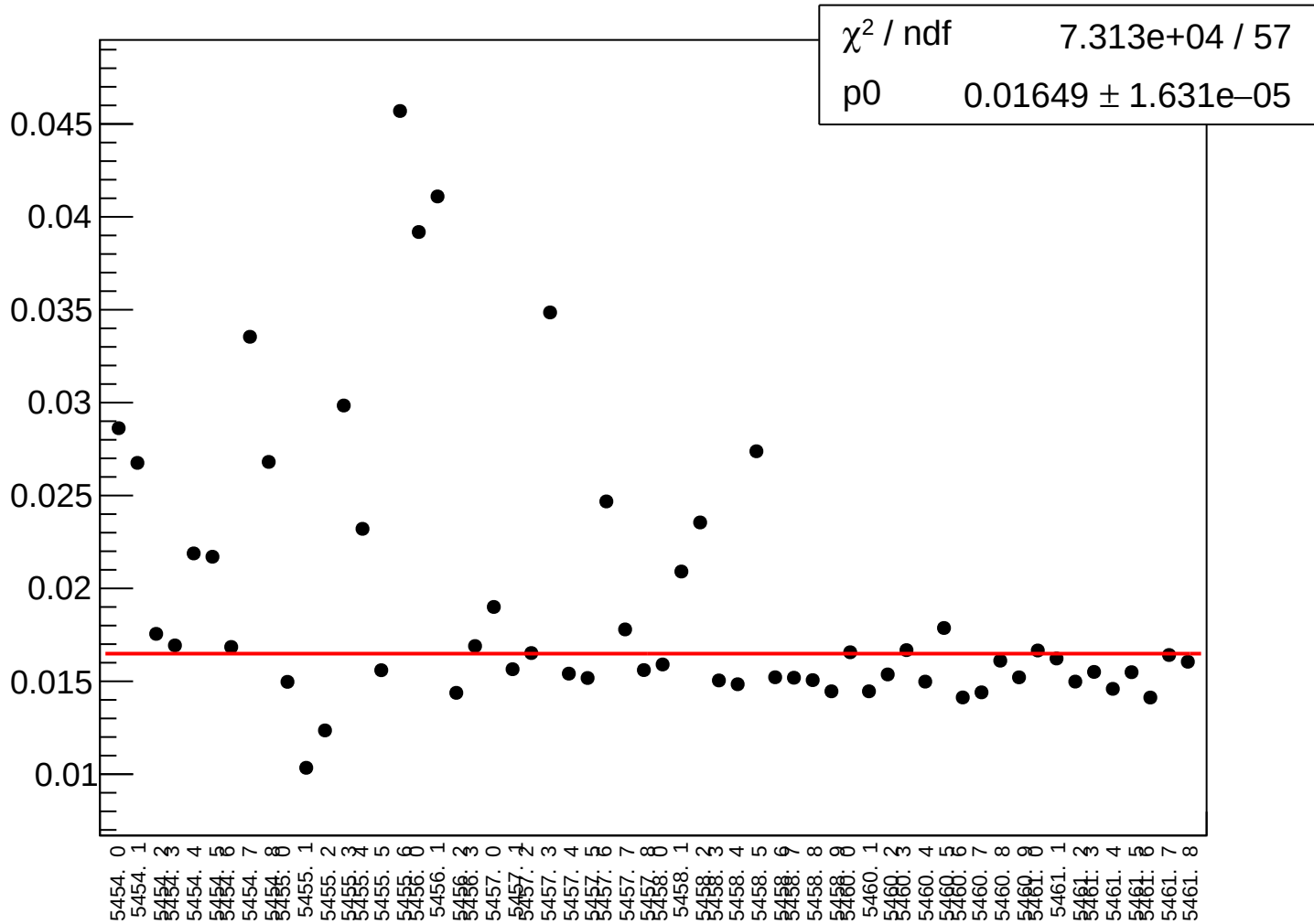
# yield\_bpm4ecX\_rms vs run



yield\_bpm4ecY\_mean vs run

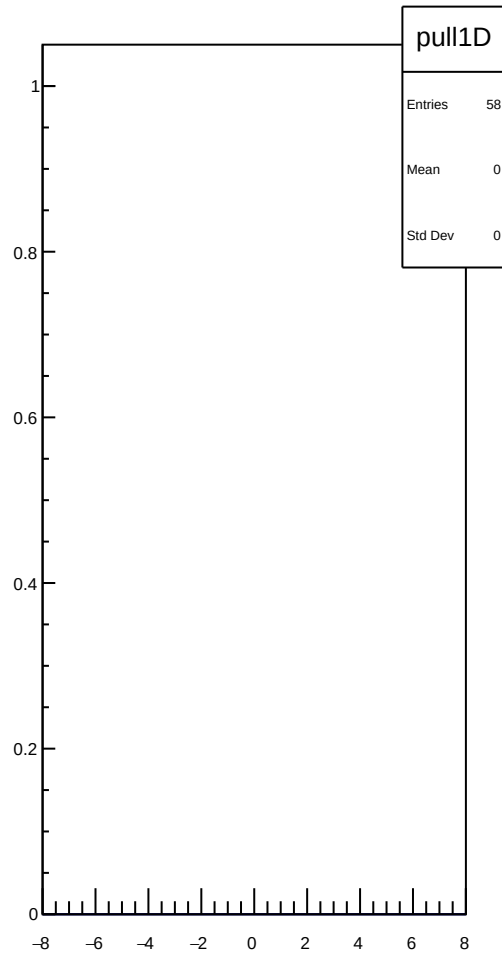
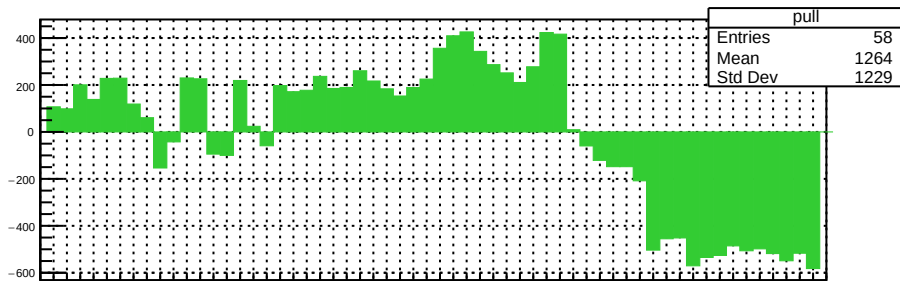
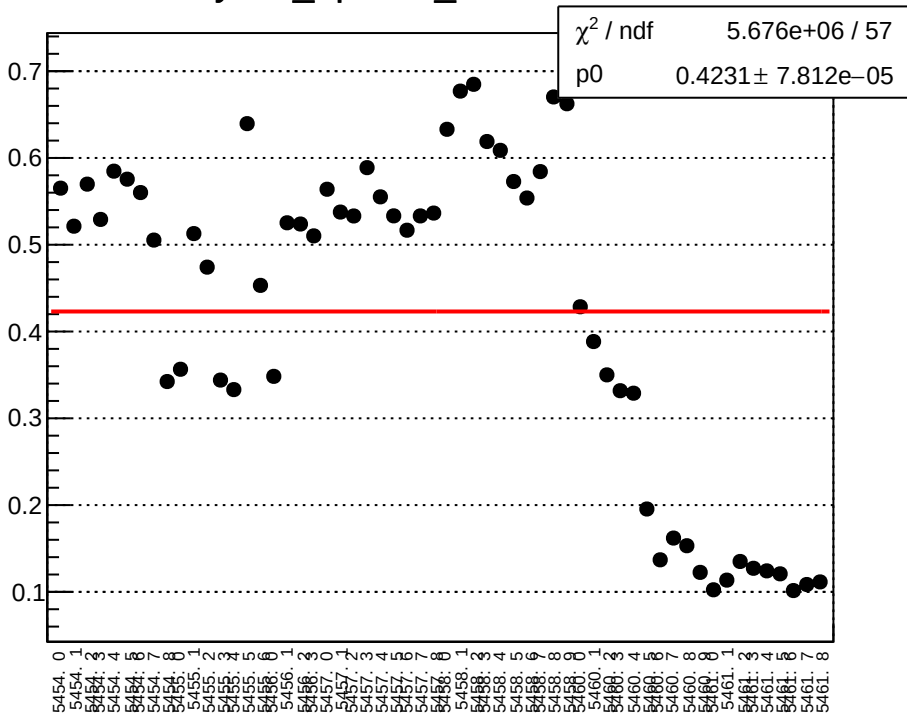


# yield\_bpm4ecY\_rms vs run

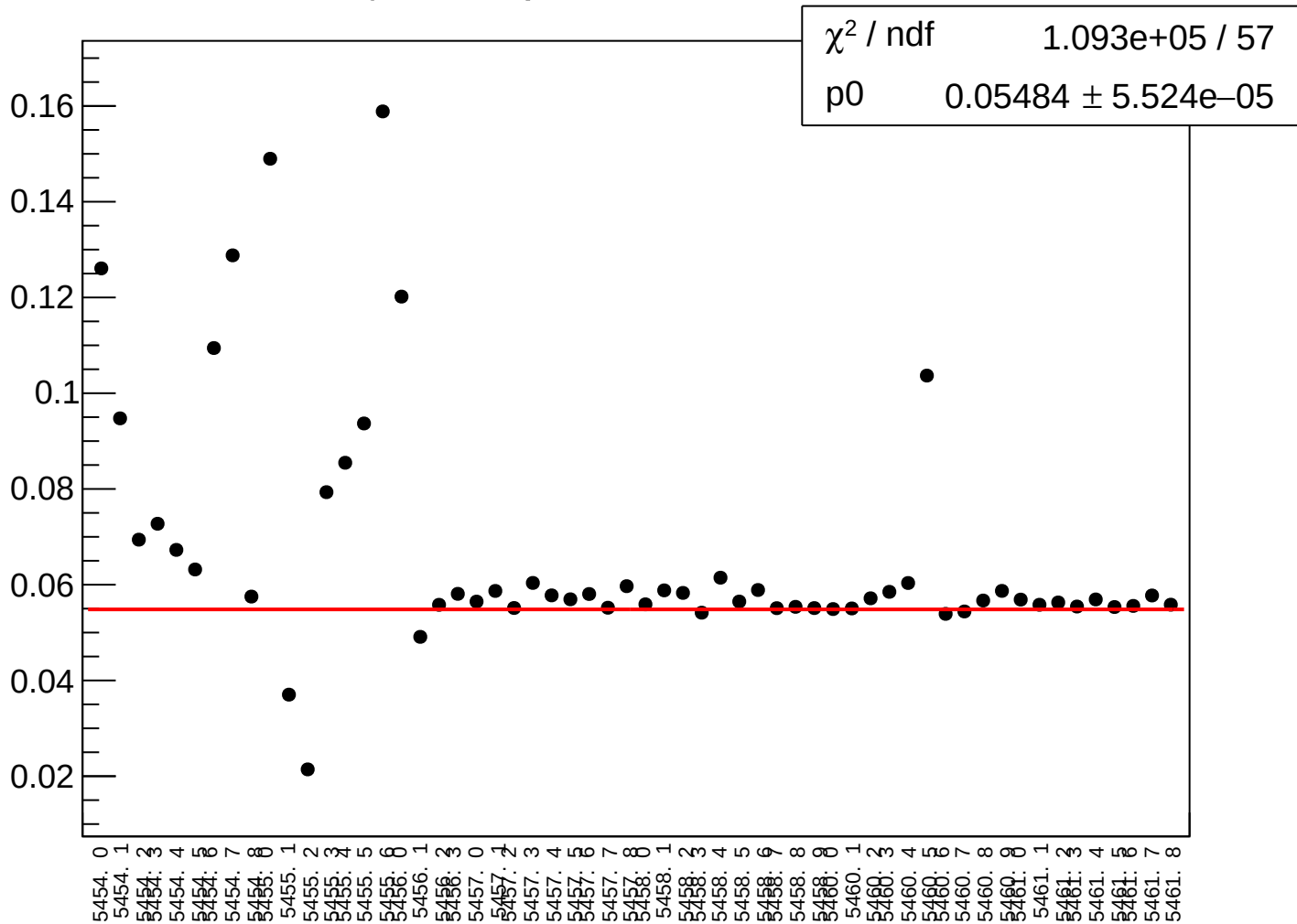




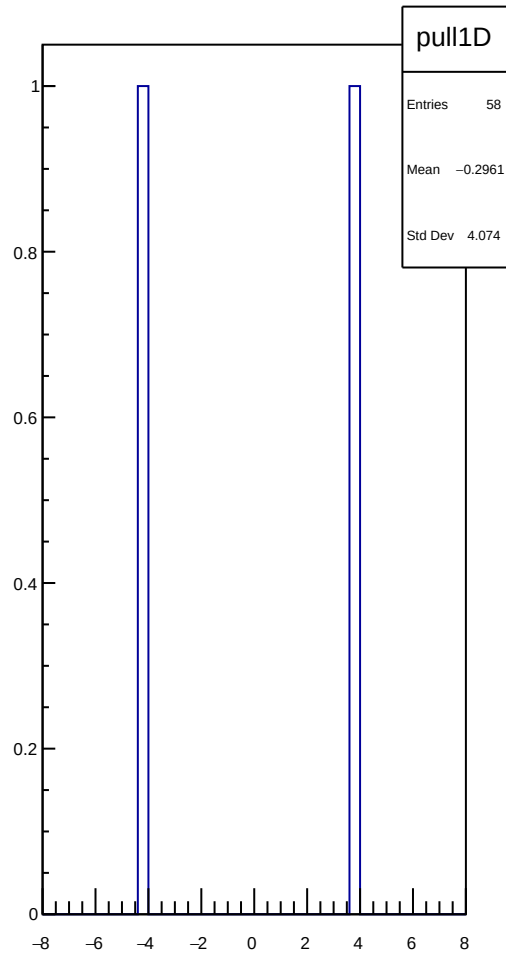
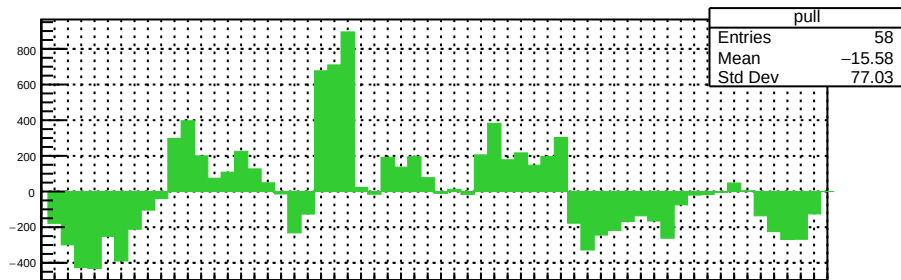
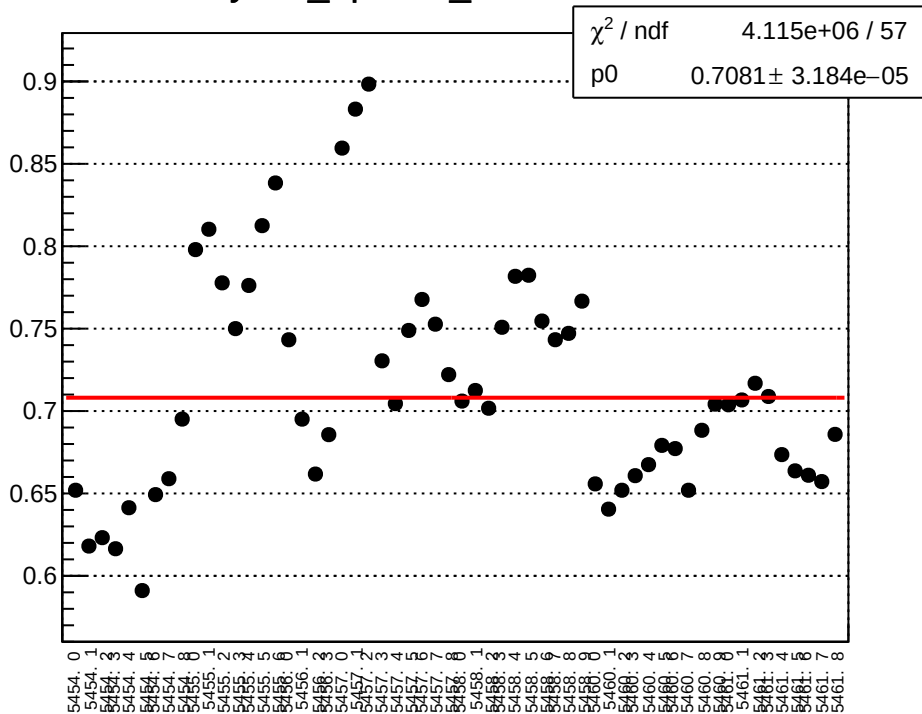
yield\_bpm1X\_mean vs run



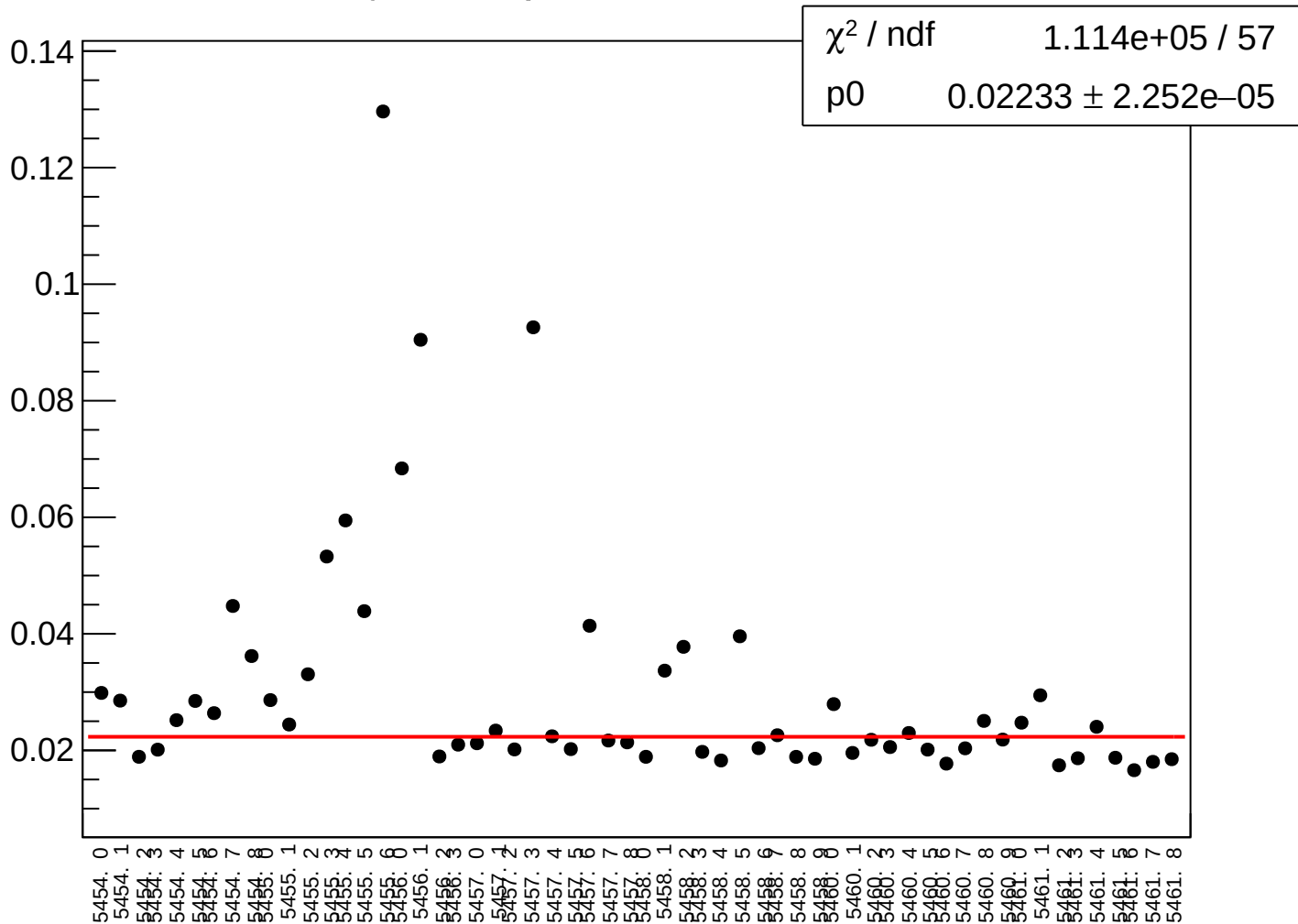
# yield\_bpm1X\_rms vs run



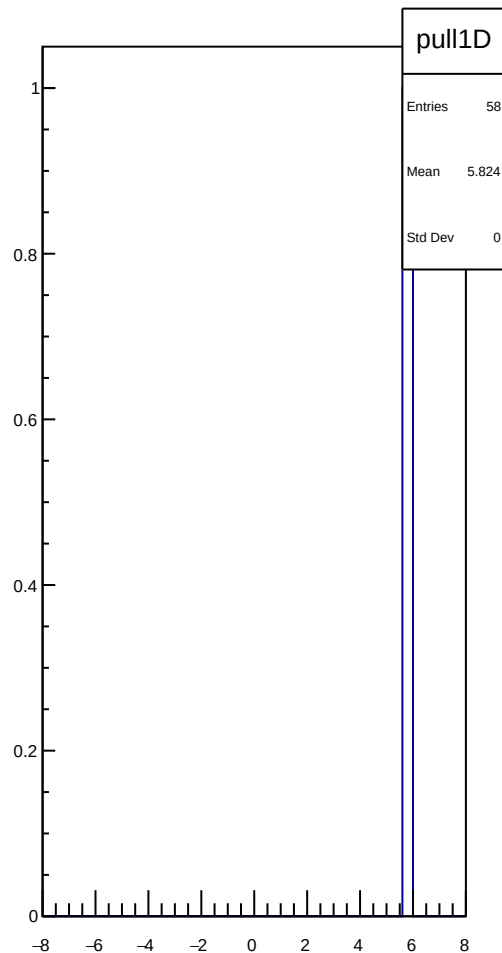
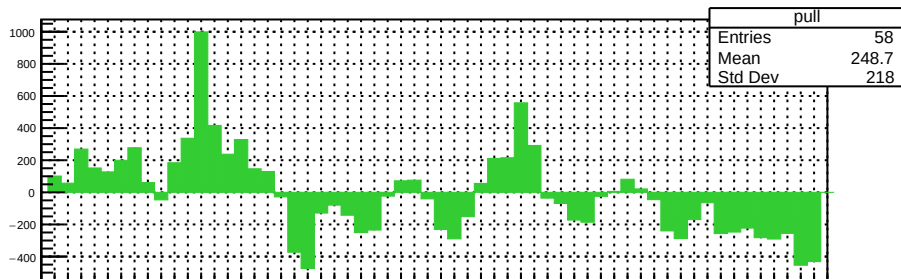
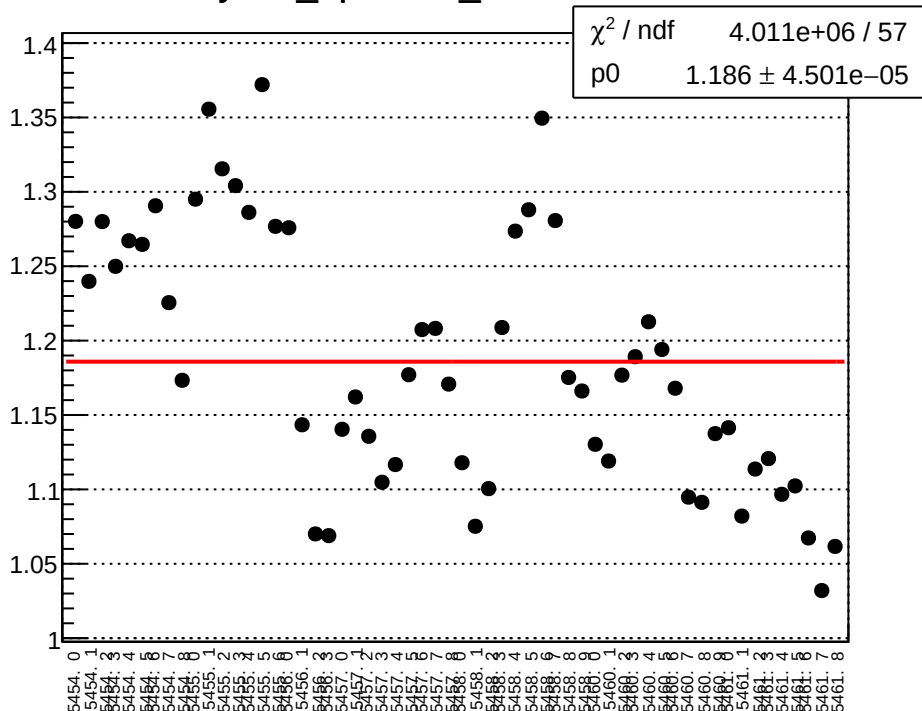
yield\_bpm1Y\_mean vs run



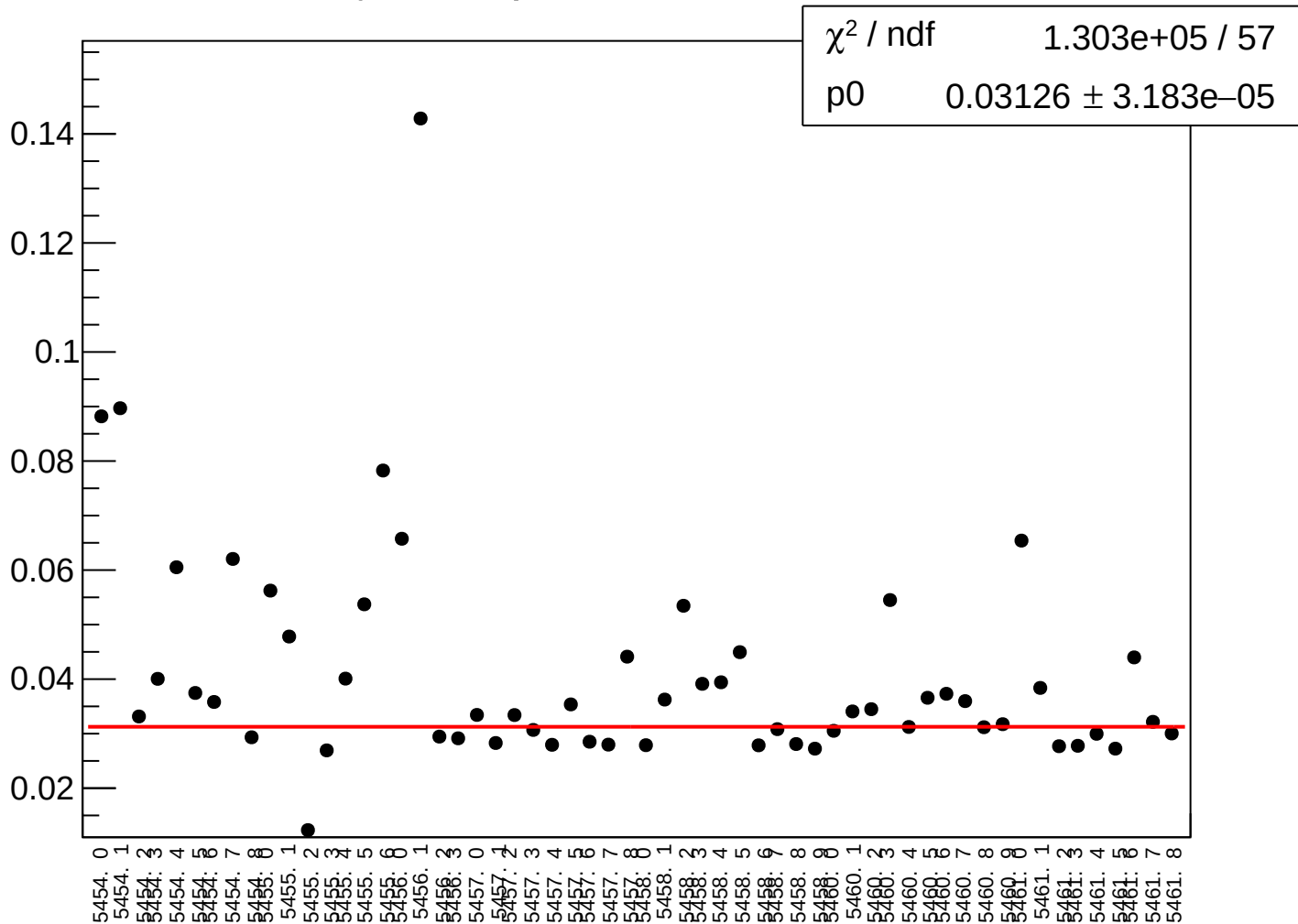
# yield\_bpm1Y\_rms vs run



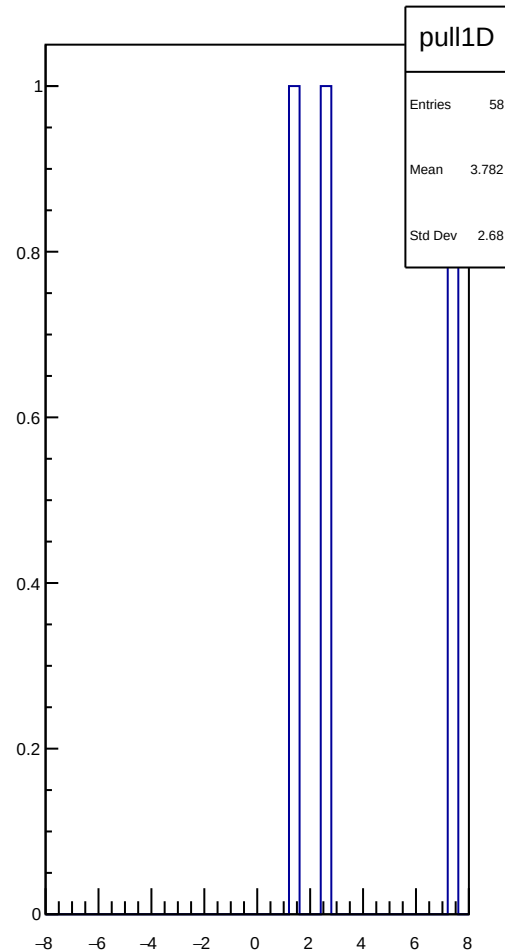
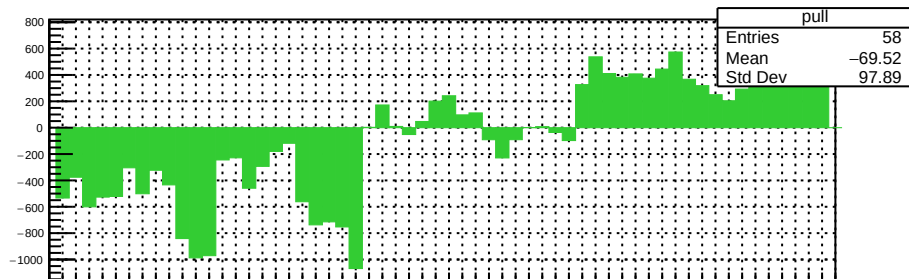
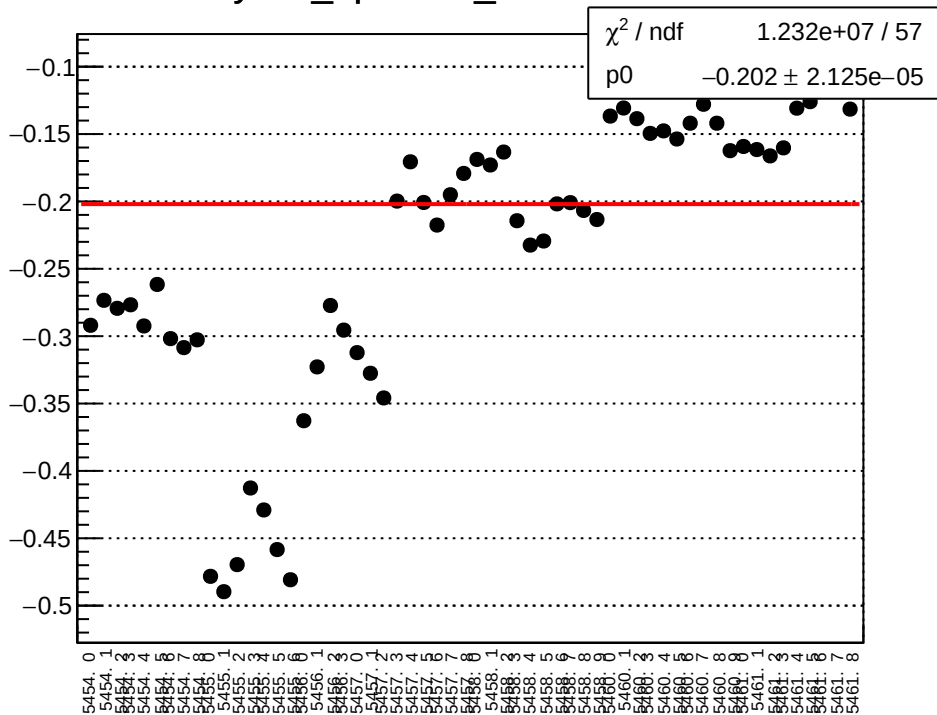
# yield\_bpm11X\_mean vs run



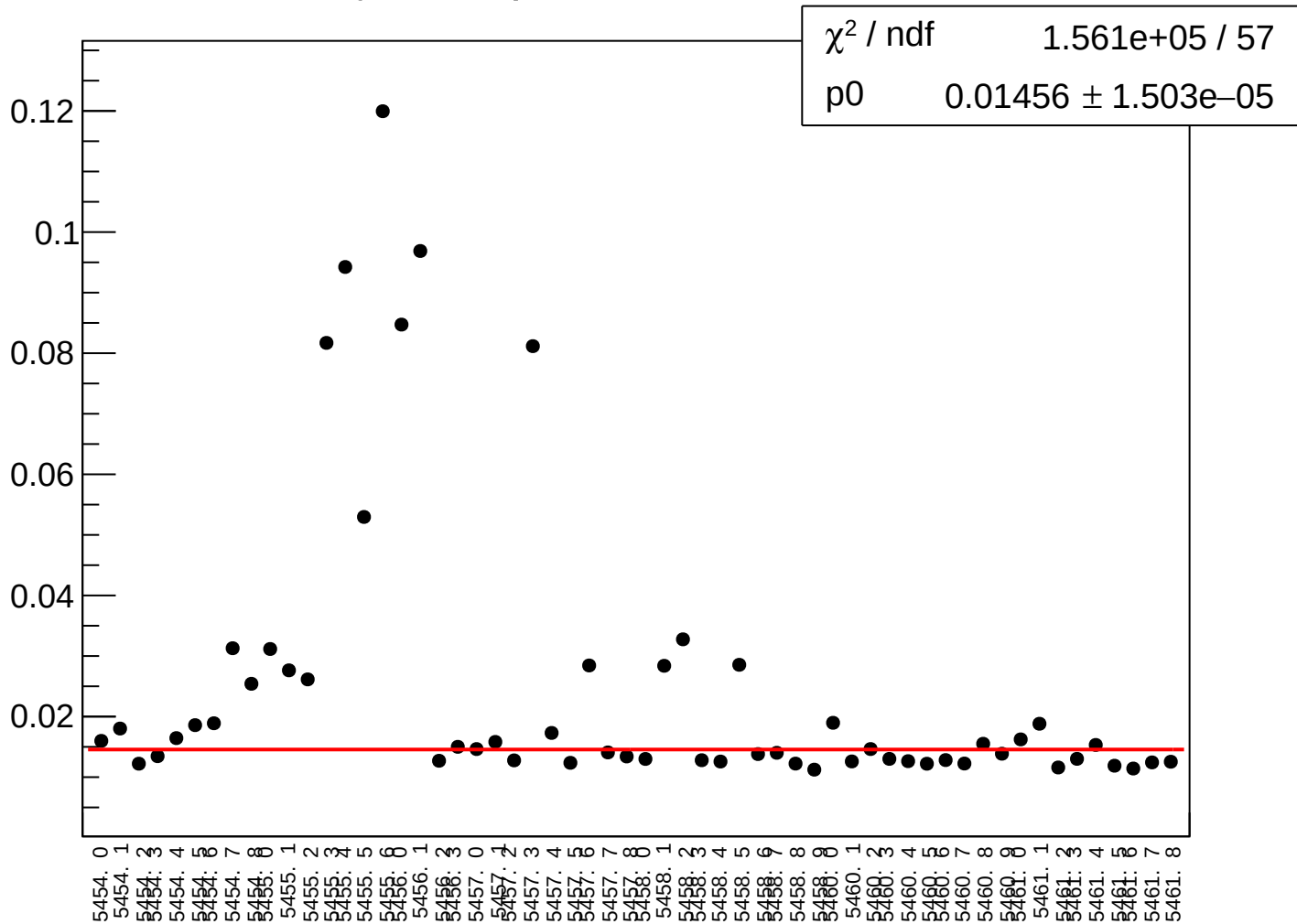
# yield\_bpm11X\_rms vs run



# yield\_bpm11Y\_mean vs run

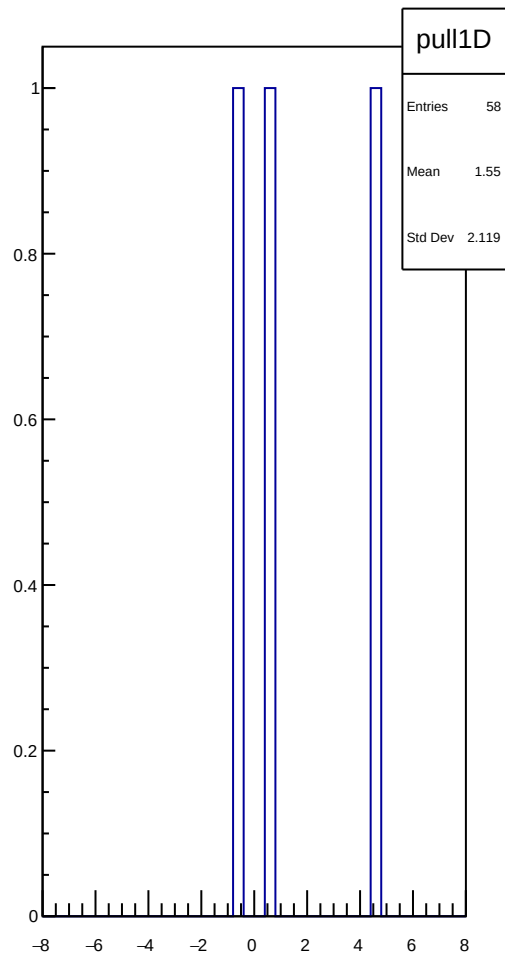
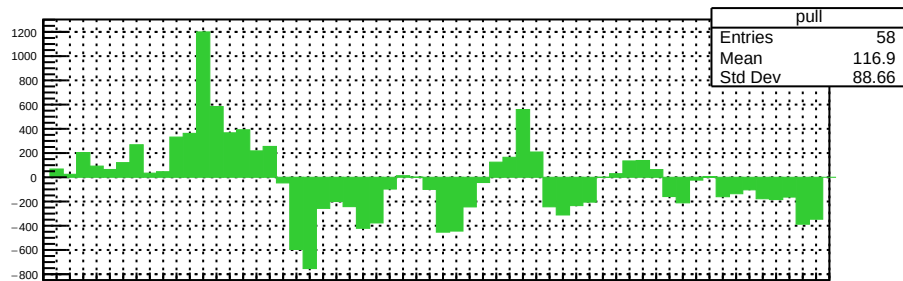
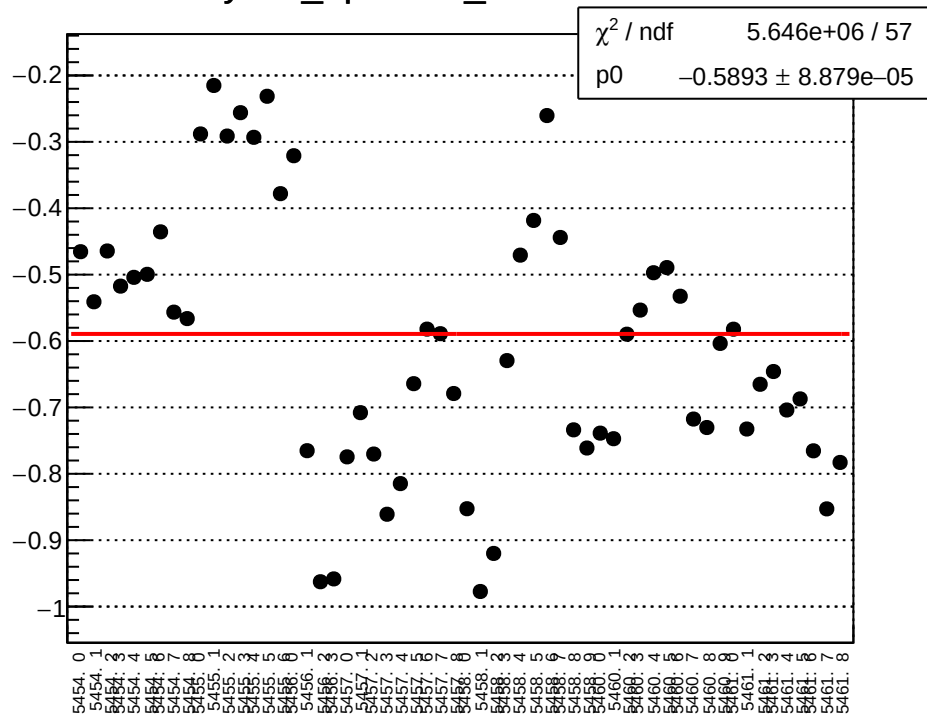


# yield\_bpm11Y\_rms vs run

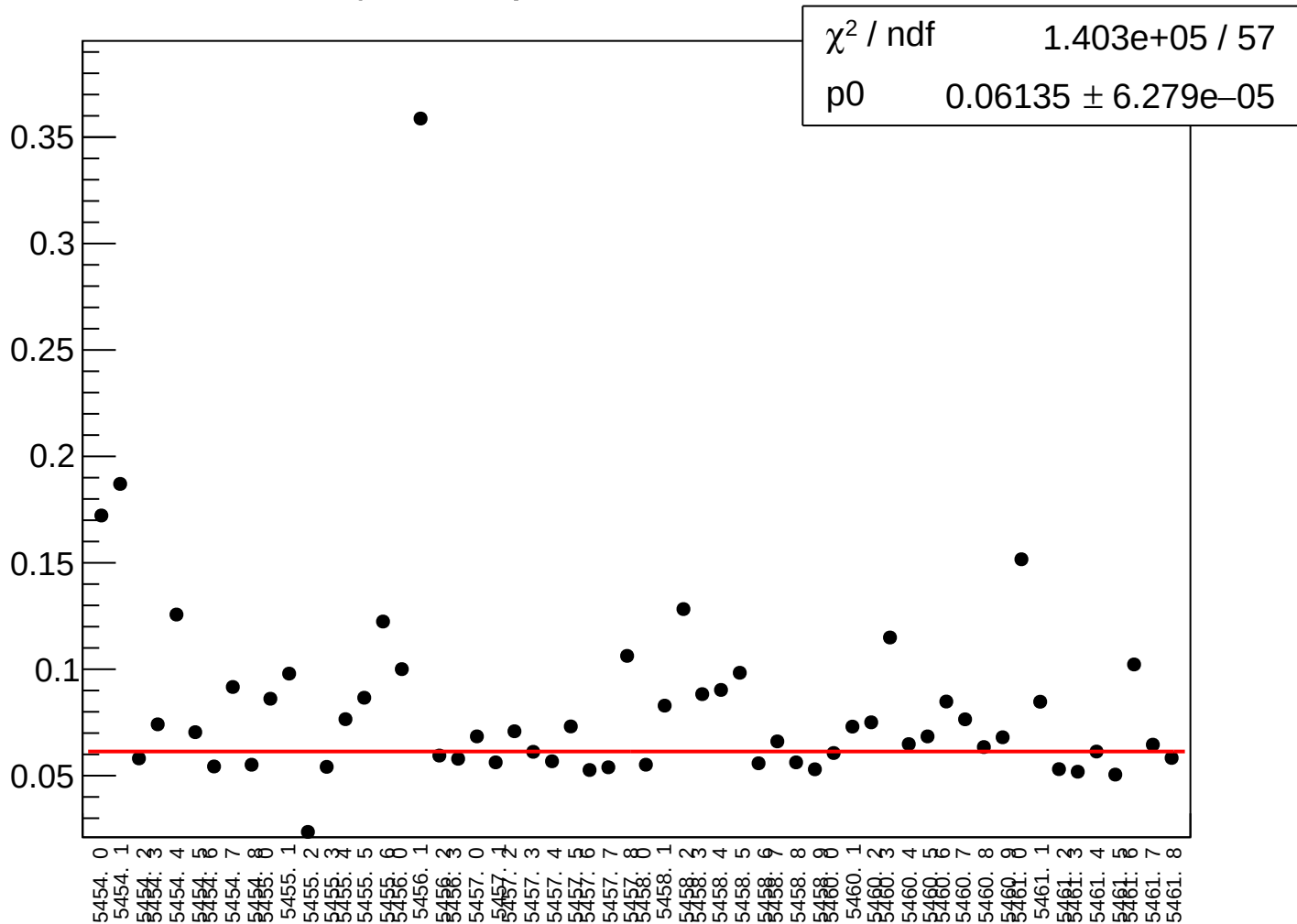




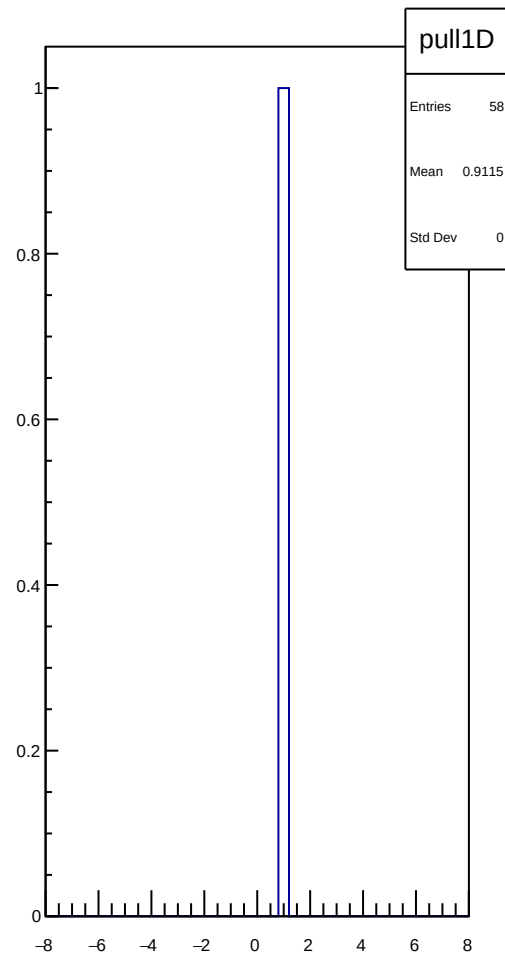
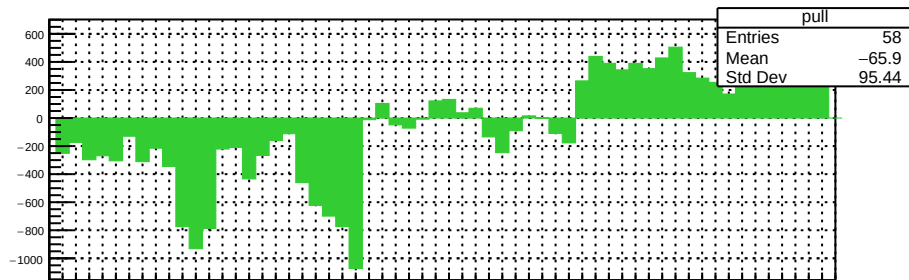
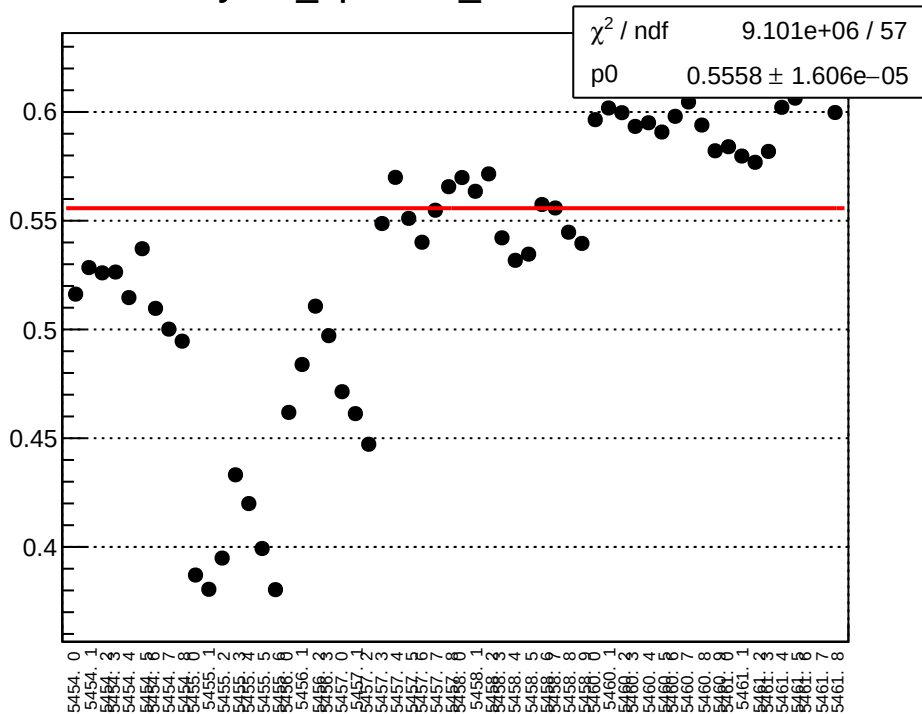
# yield\_bpm12X\_mean vs run



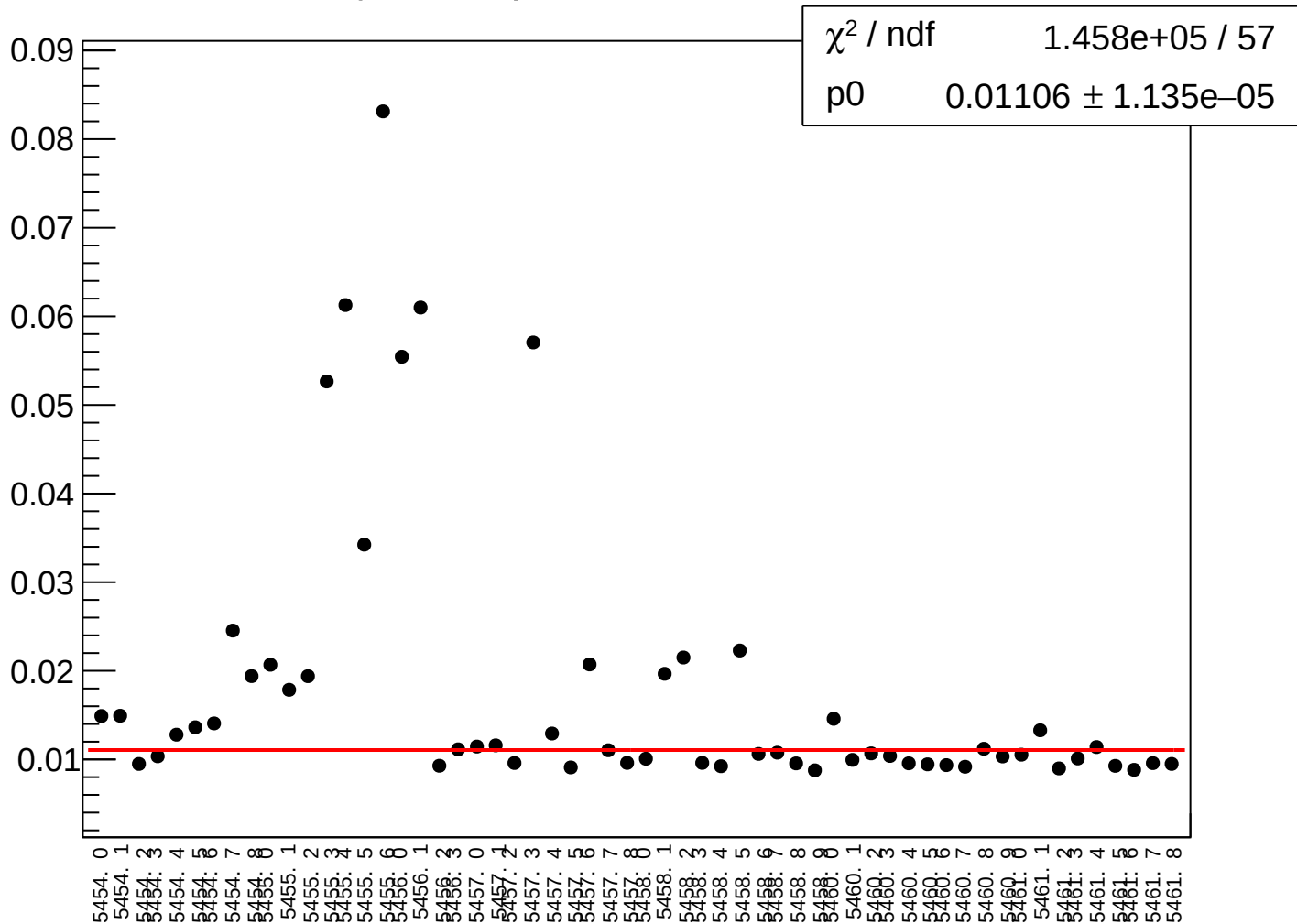
# yield\_bpm12X\_rms vs run



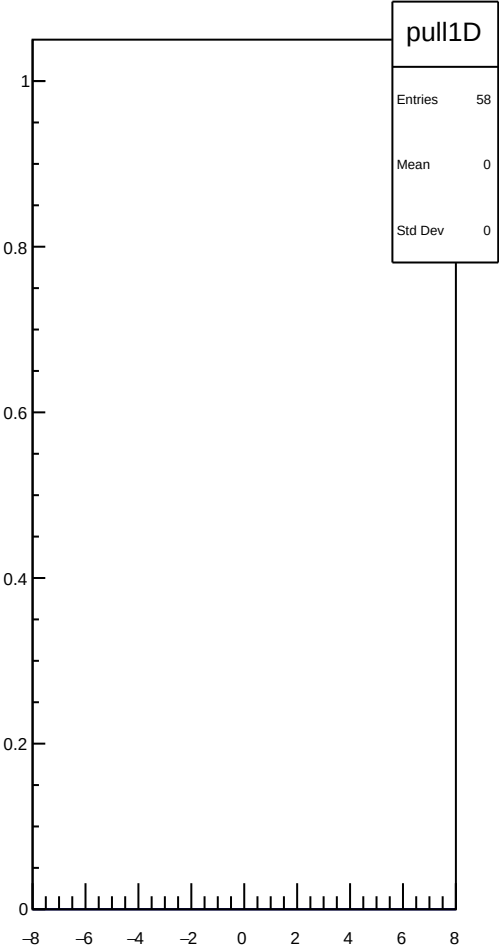
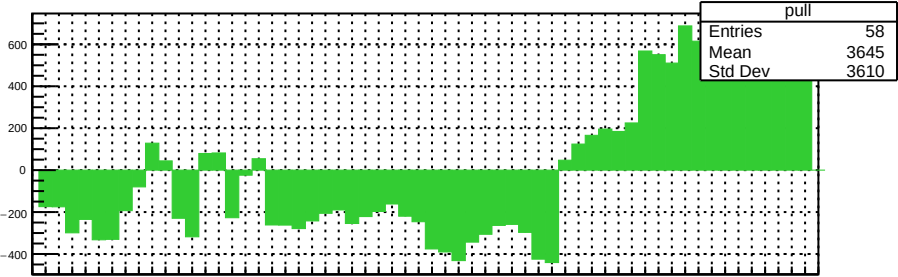
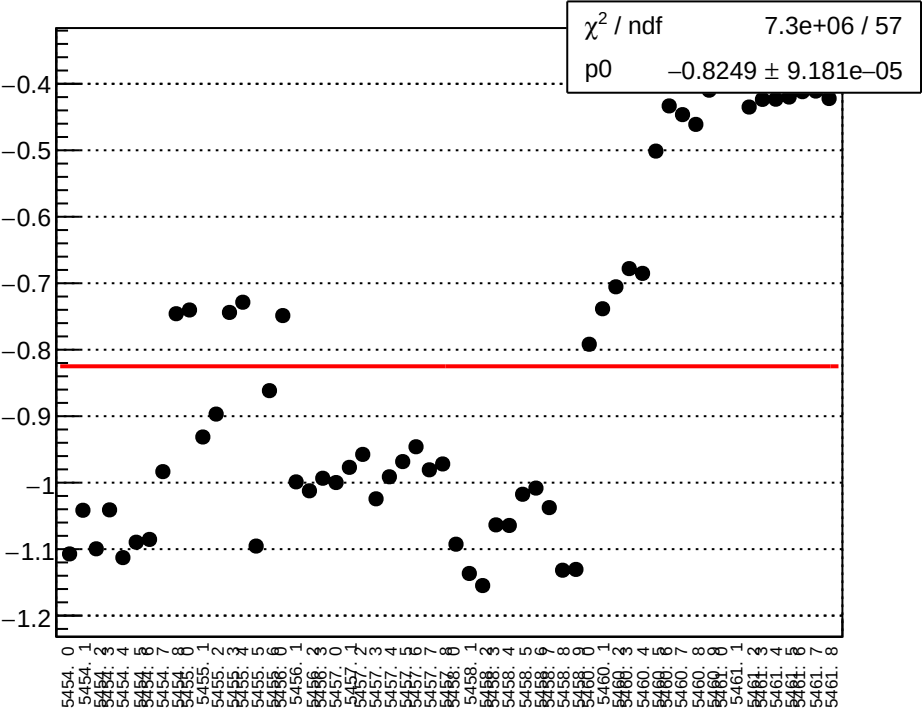
yield\_bpm12Y\_mean vs run



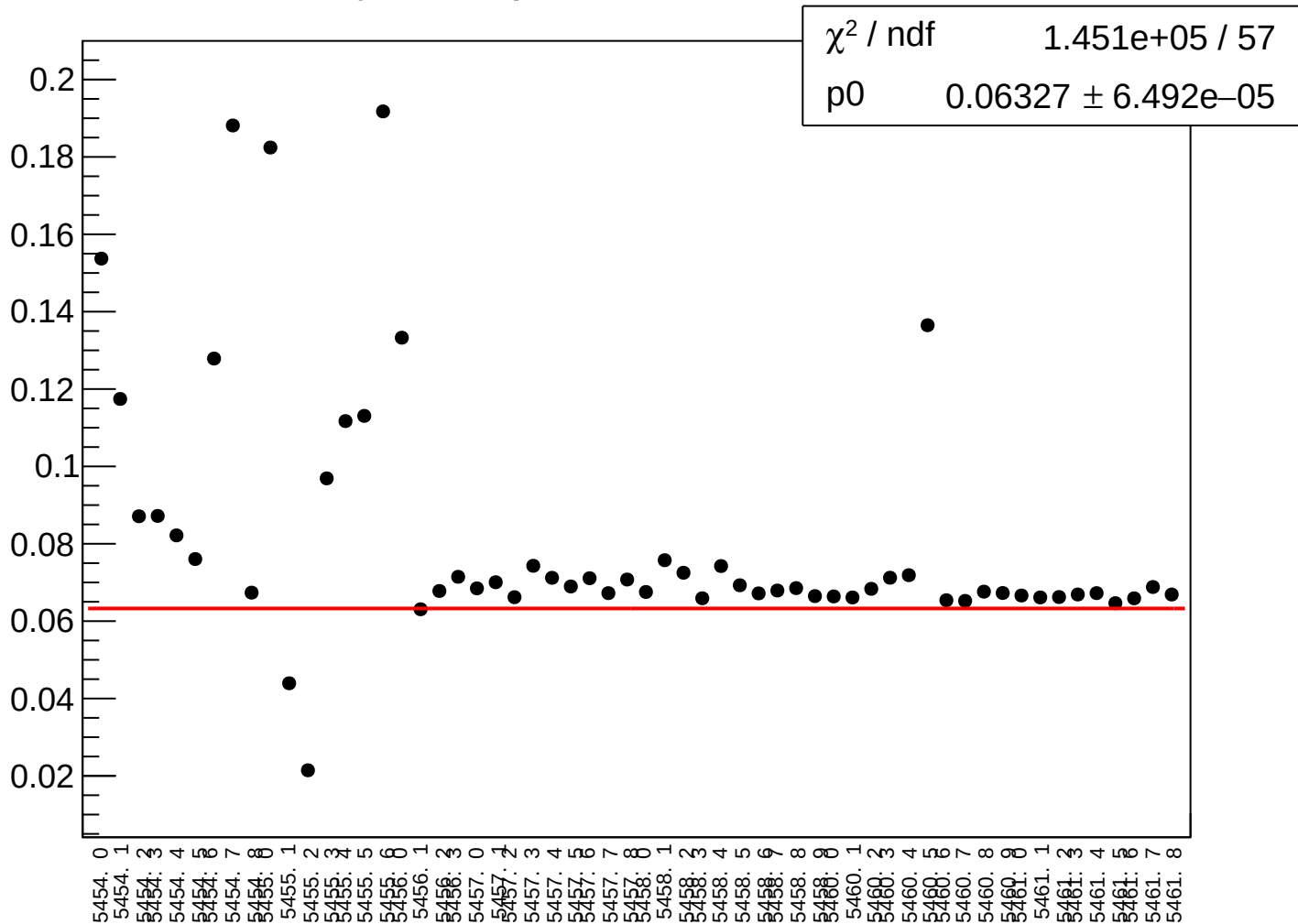
# yield\_bpm12Y\_rms vs run



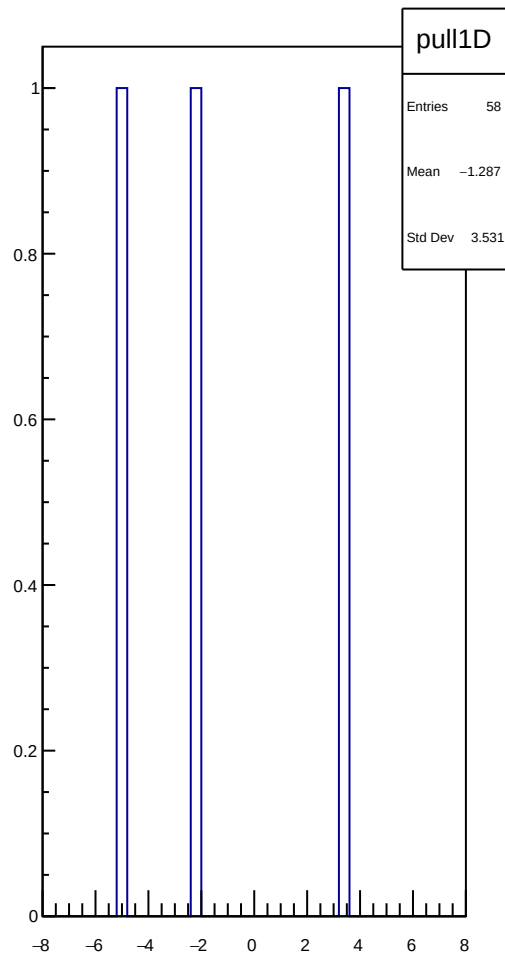
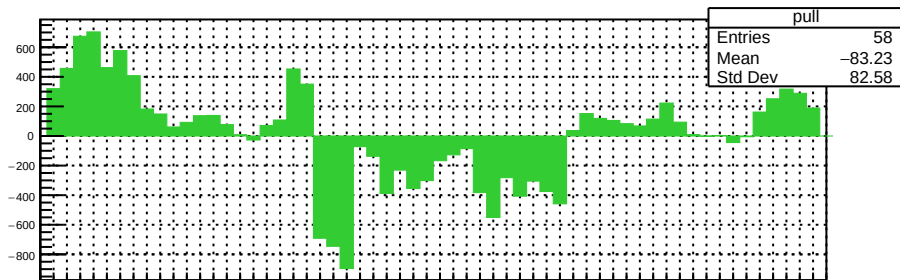
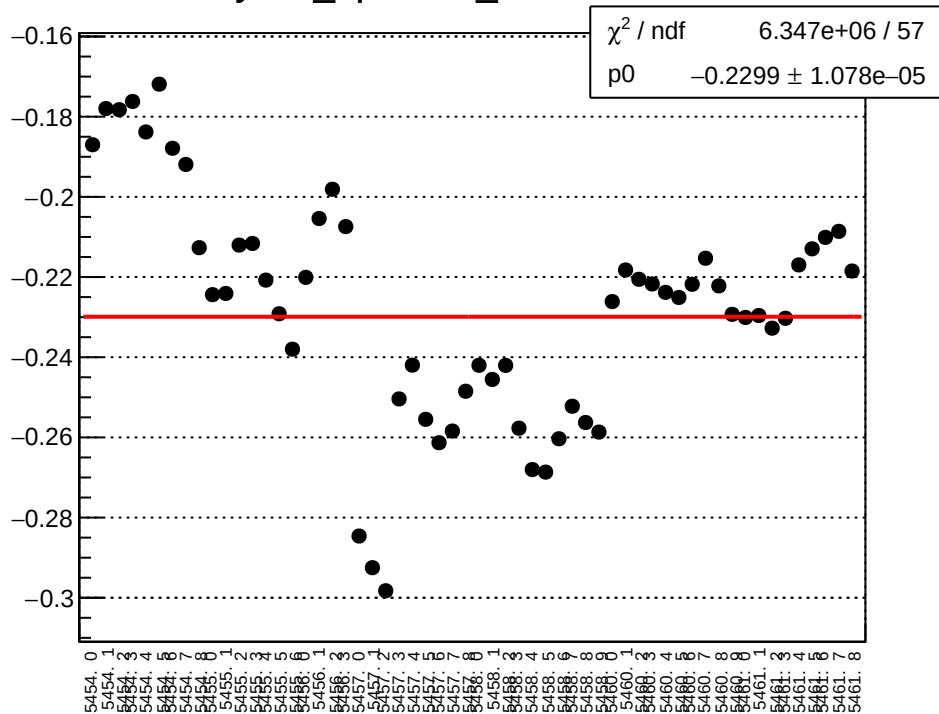
yield\_bpm16X\_mean vs run



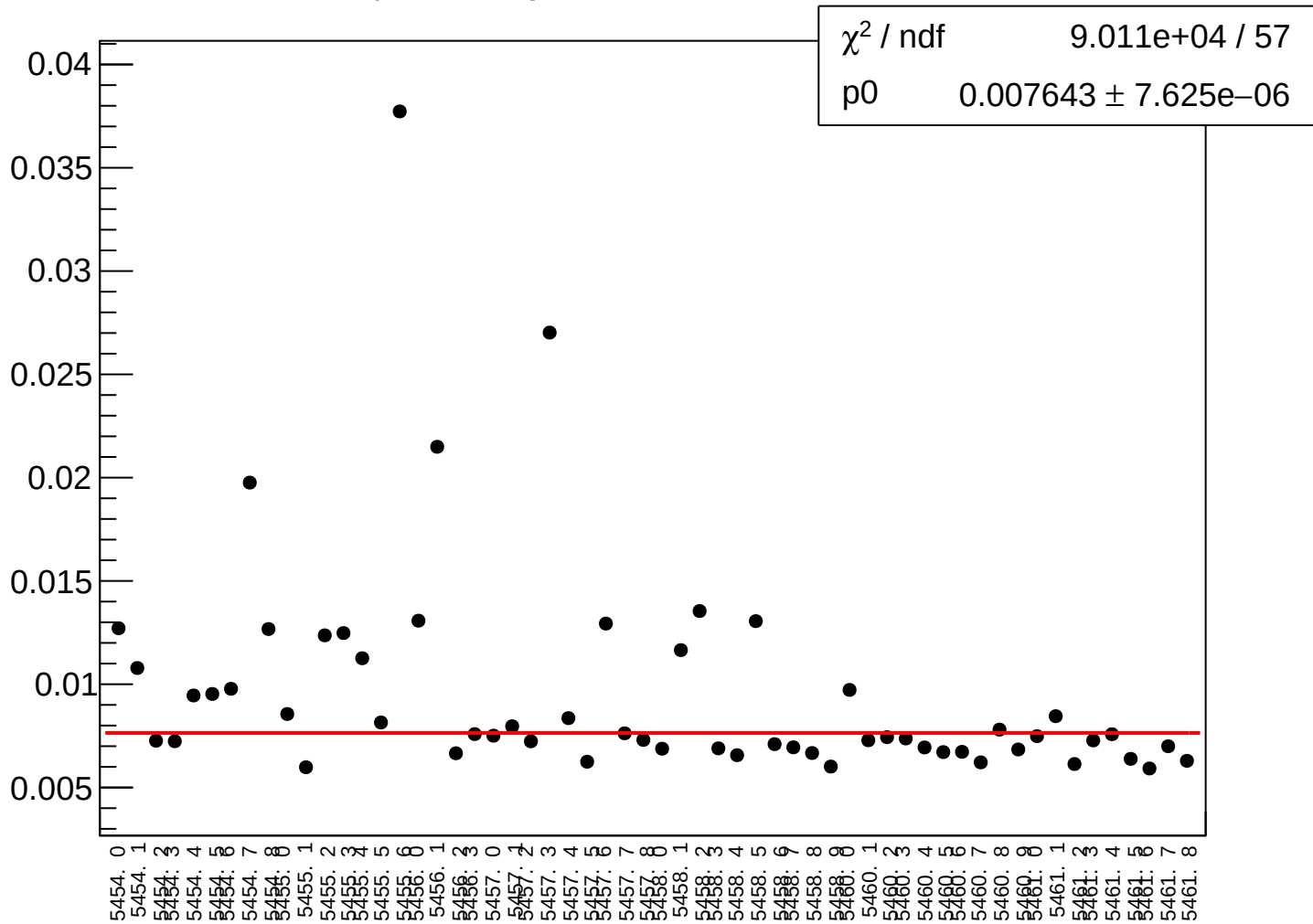
# yield\_bpm16X\_rms vs run



yield\_bpm16Y\_mean vs run

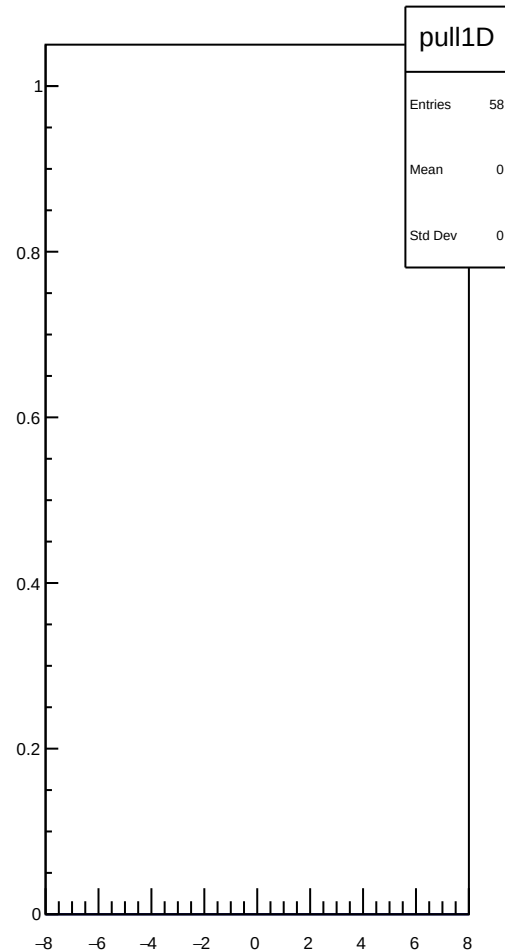
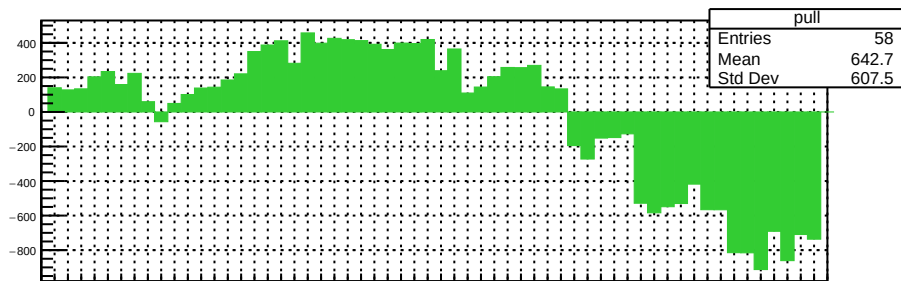
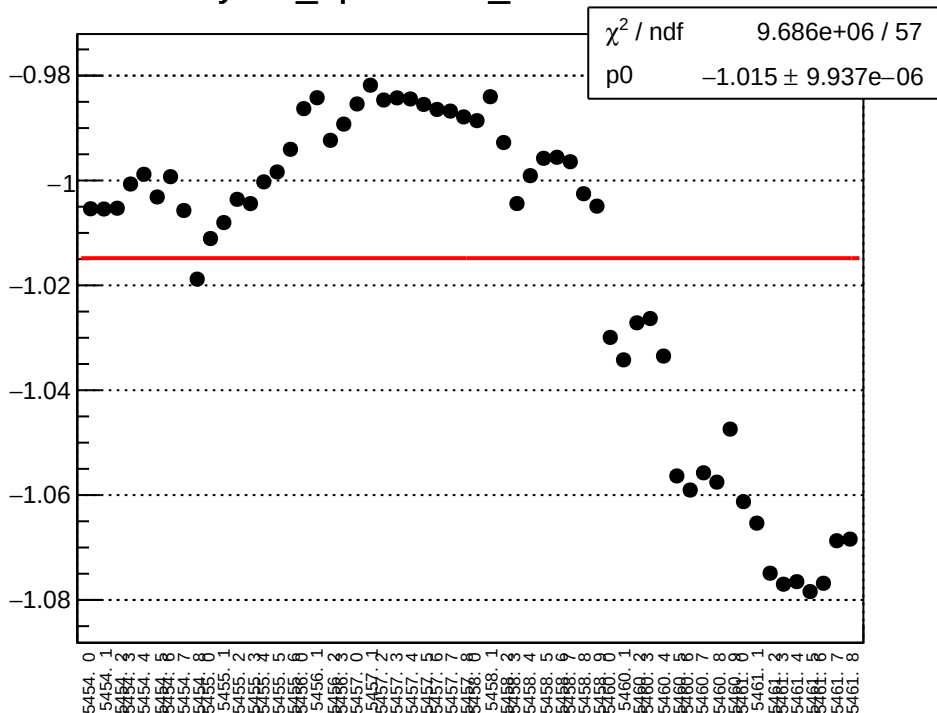


# yield\_bpm16Y\_rms vs run

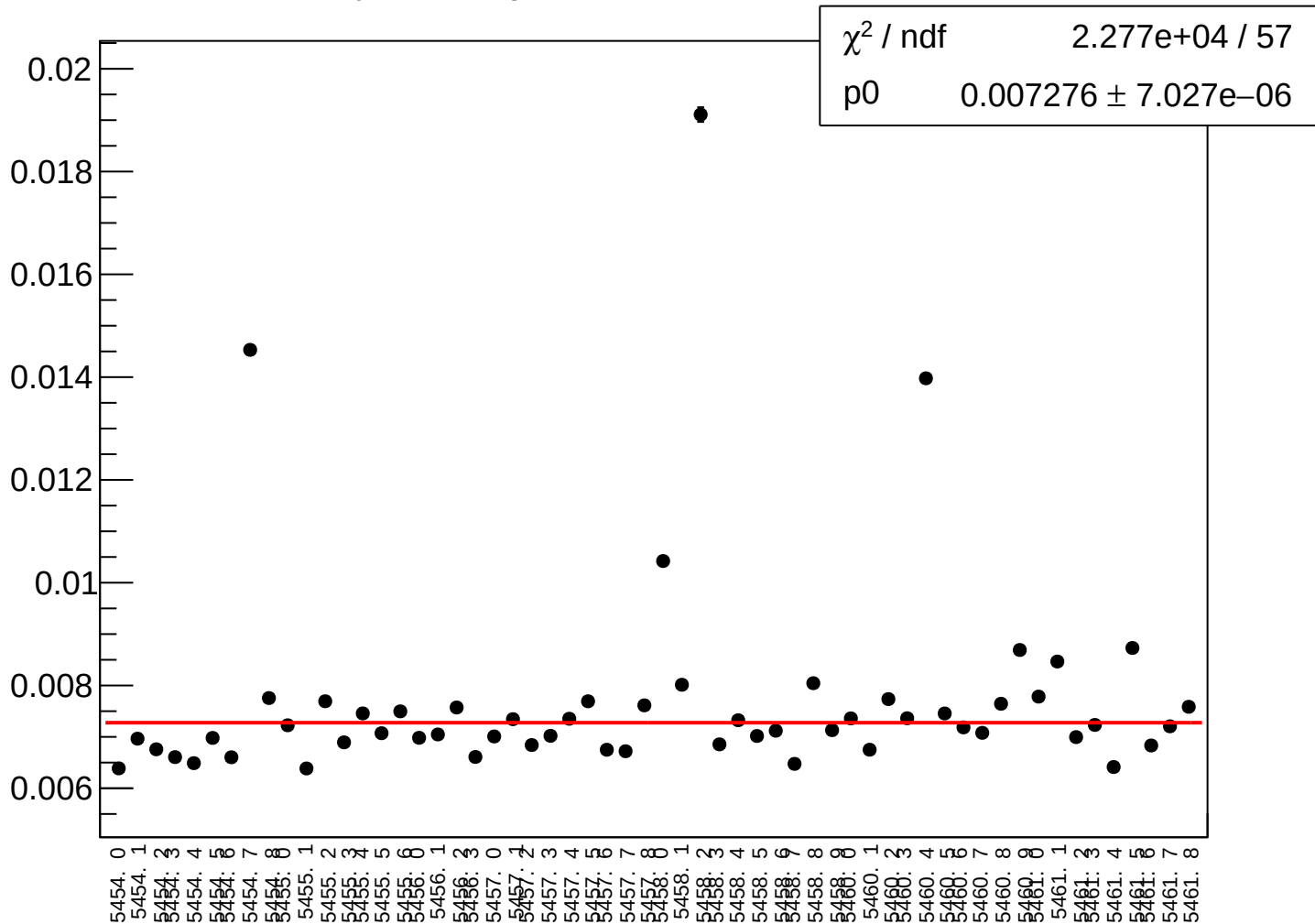




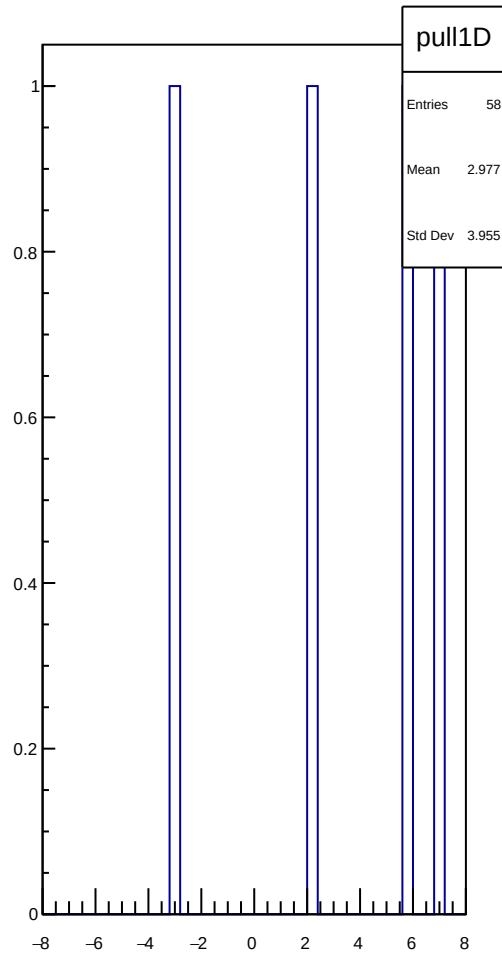
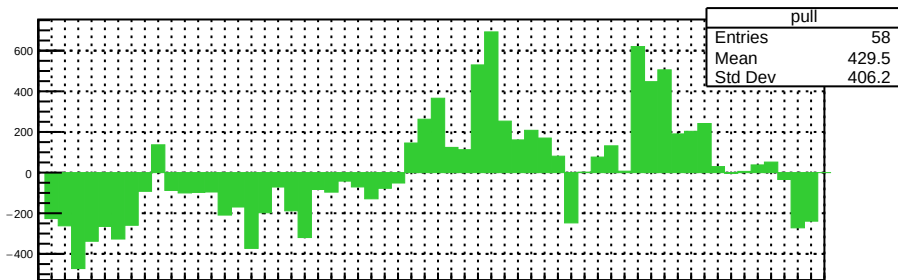
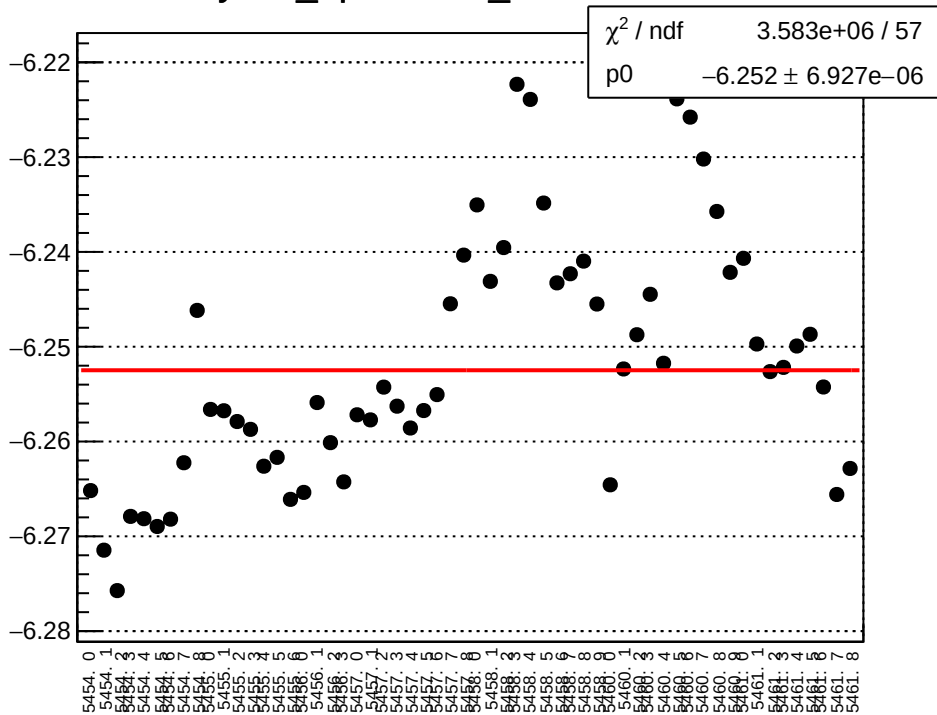
yield\_bpm0l01X\_mean vs run



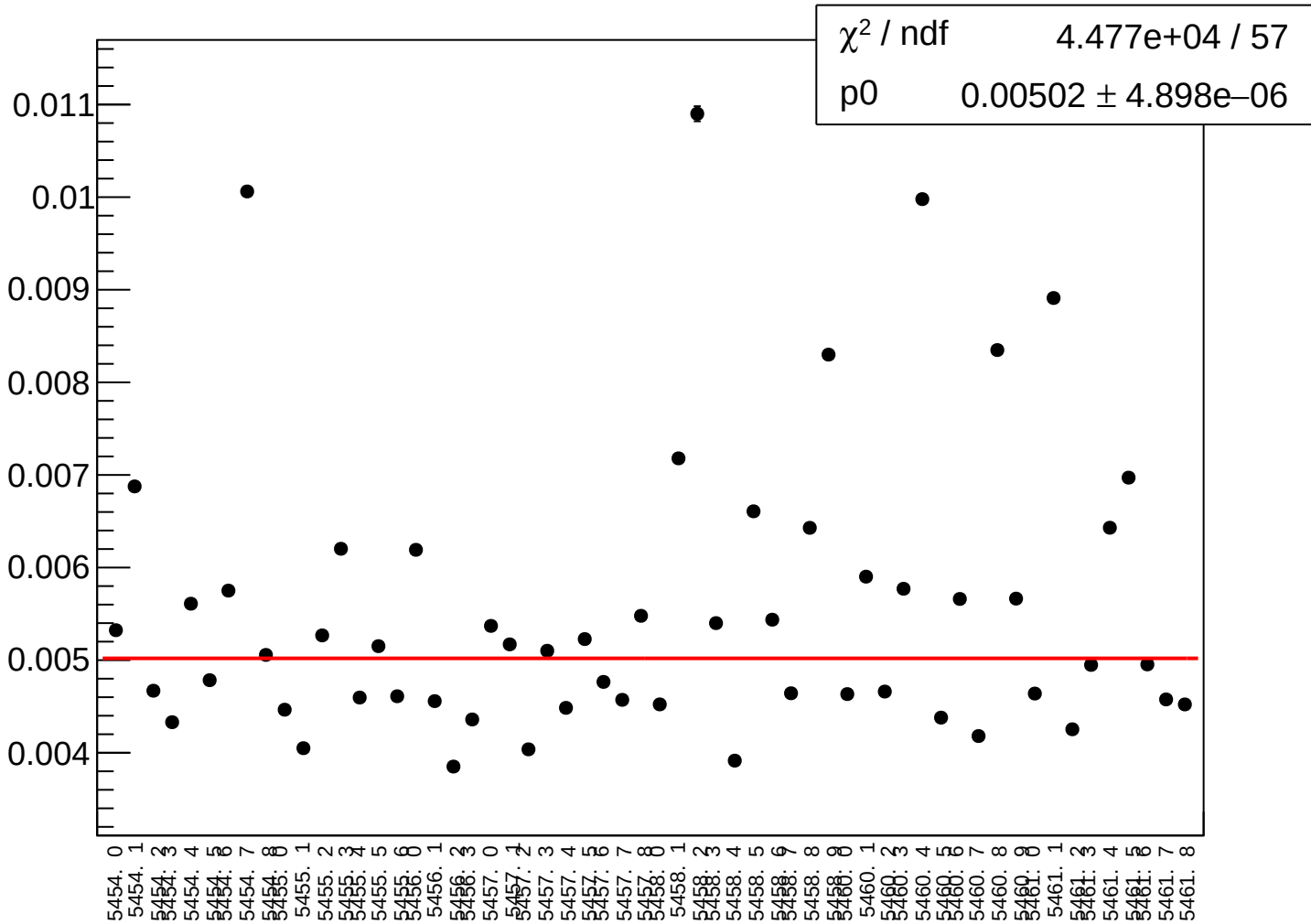
# yield\_bpm0l01X\_rms vs run



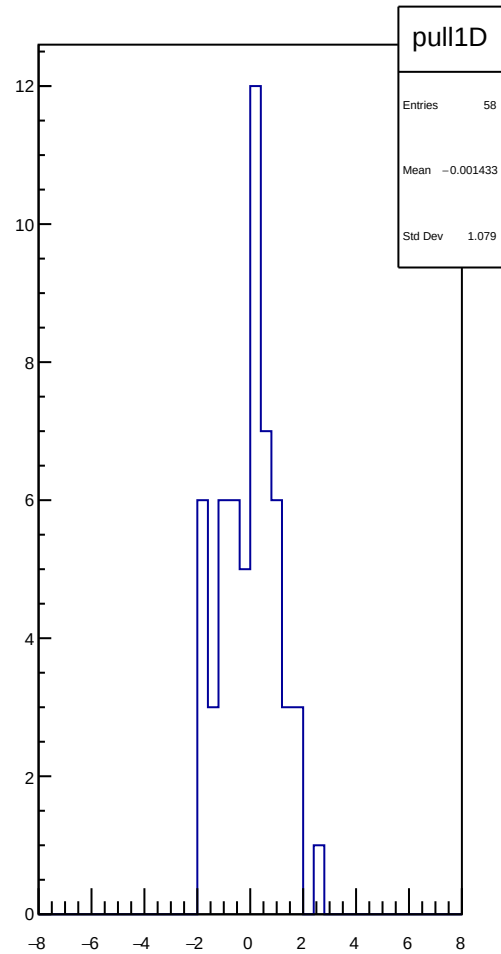
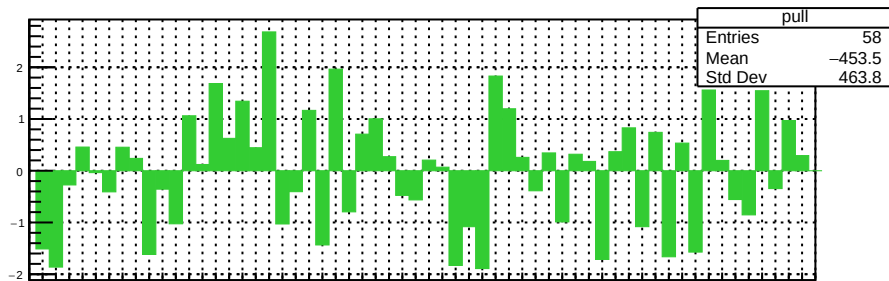
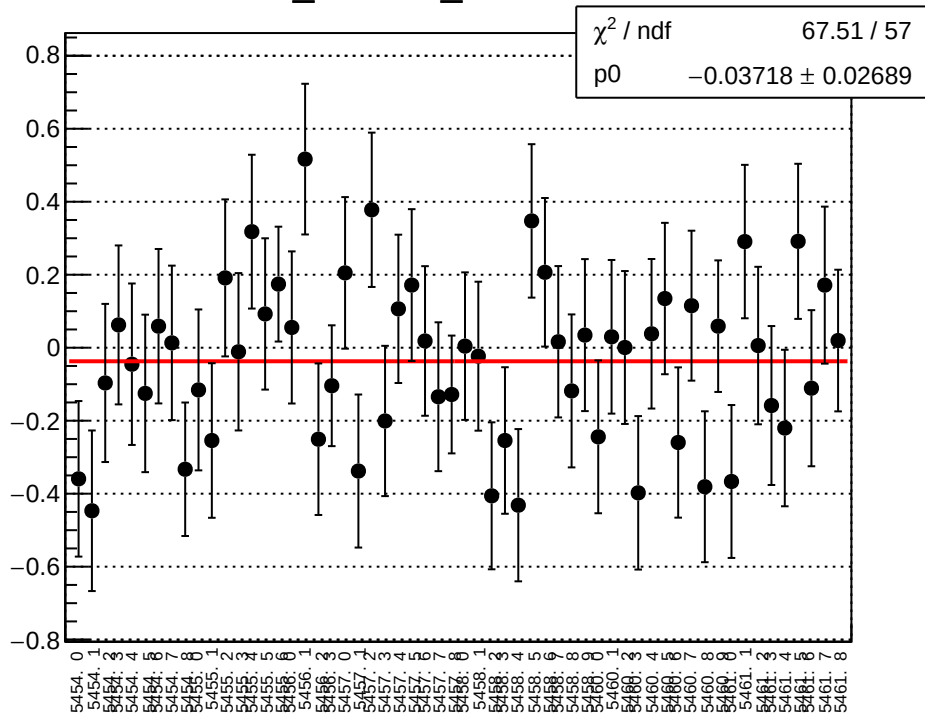
yield\_bpm0l01Y\_mean vs run



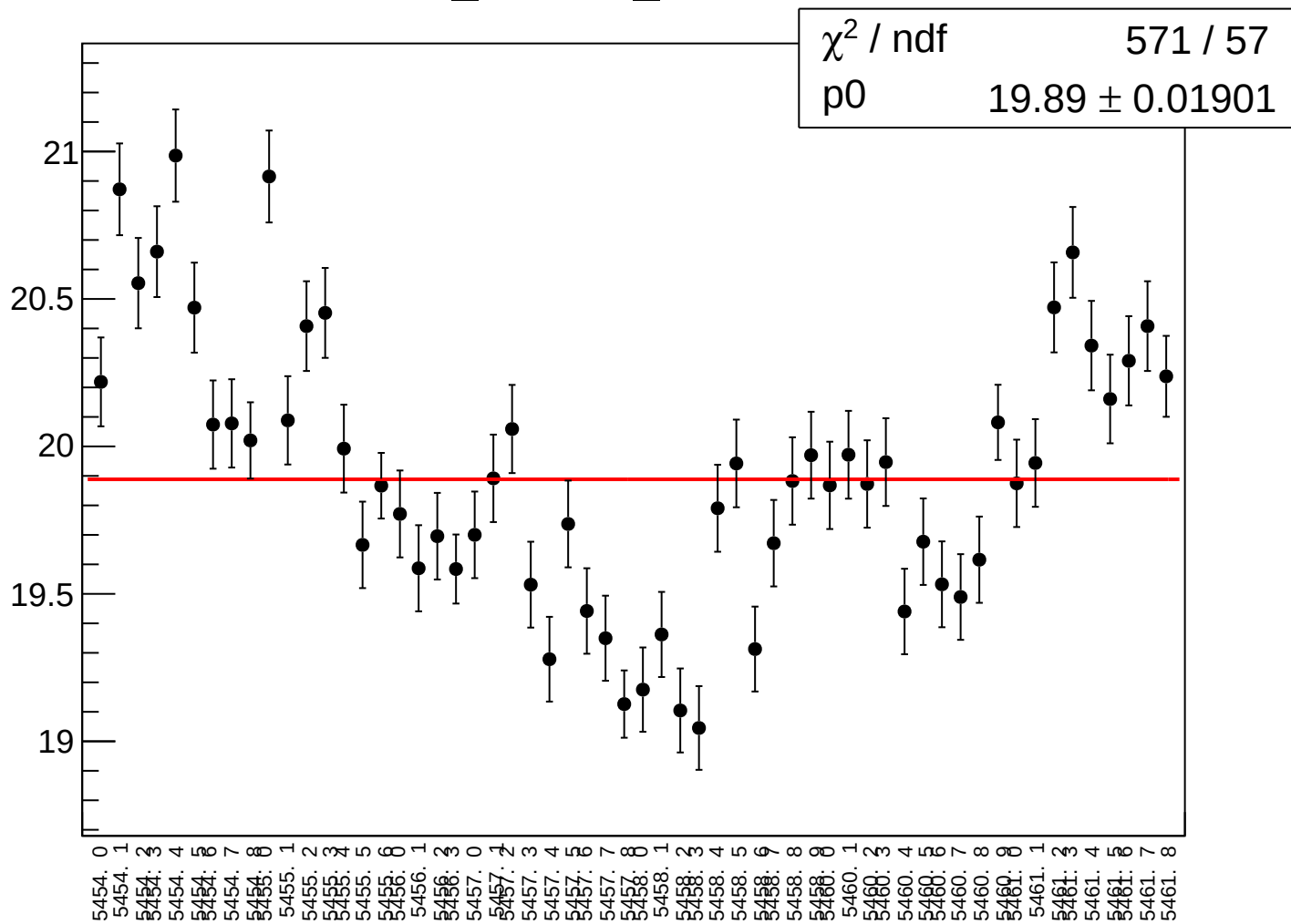
# yield\_bpm0l01Y\_rms vs run



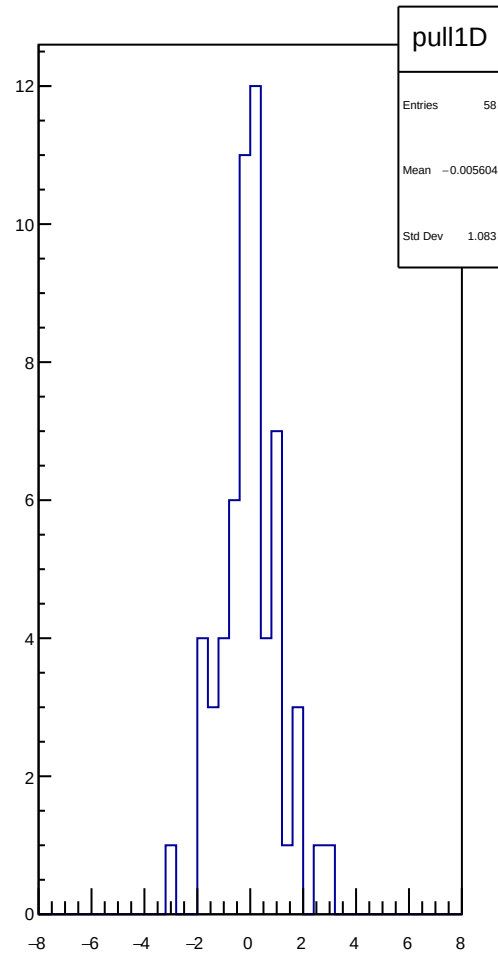
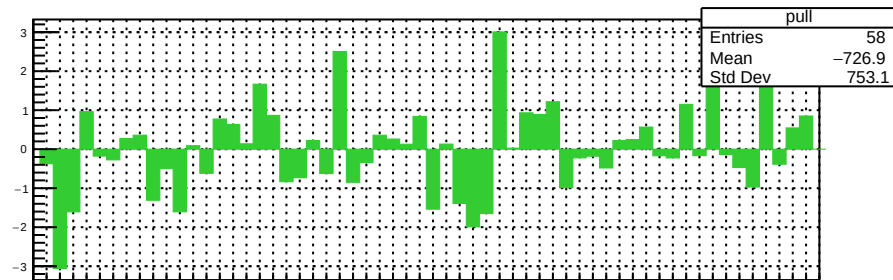
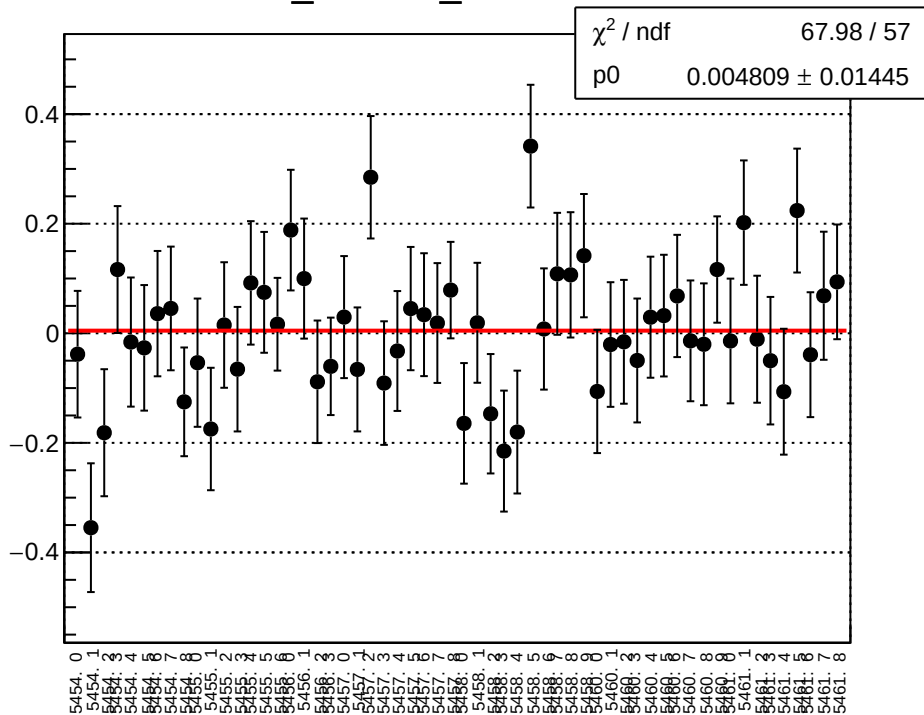
diff\_cav4bX\_mean vs run



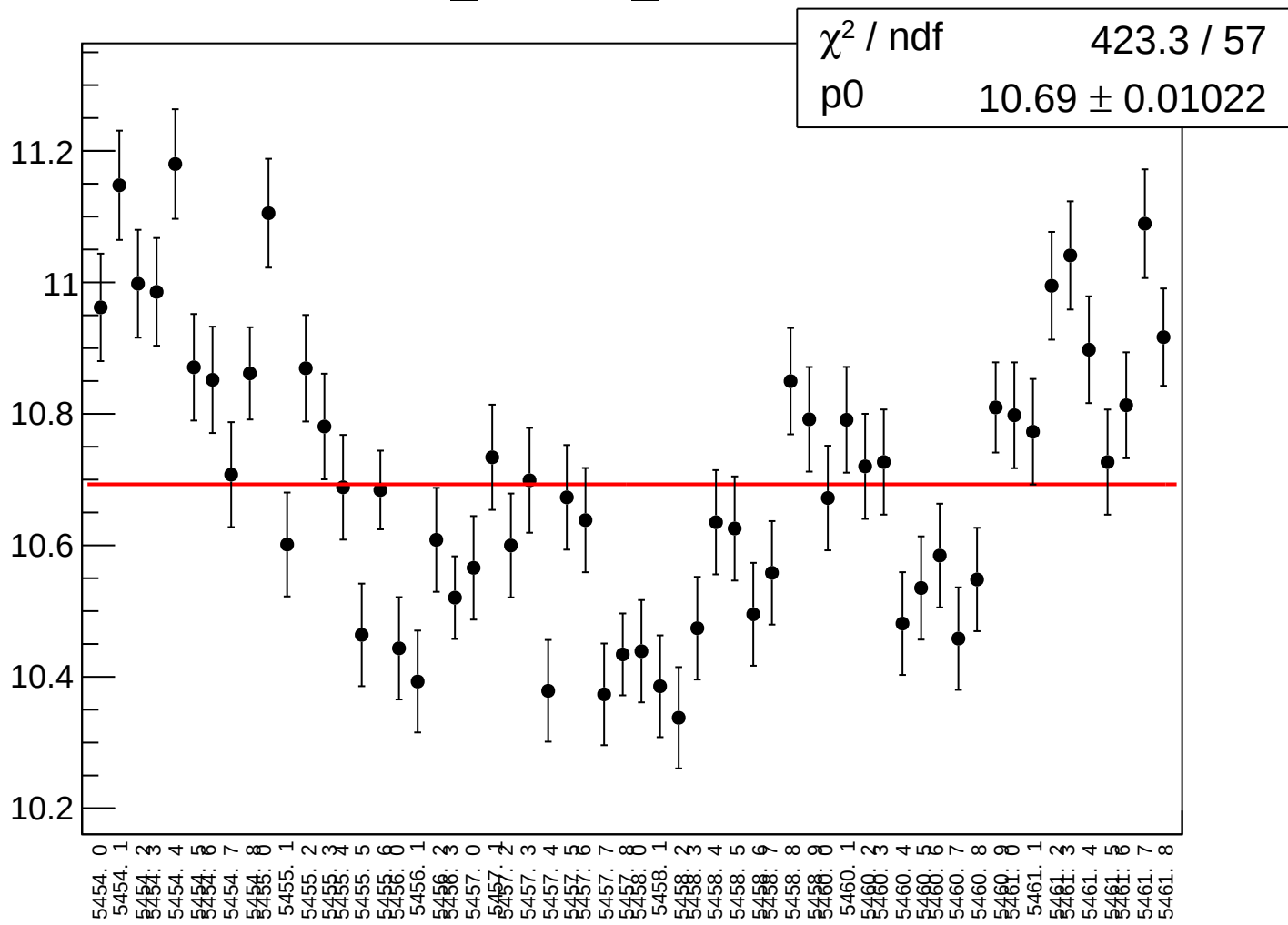
diff\_cav4bX\_rms vs run



diff\_cav4bY\_mean vs run

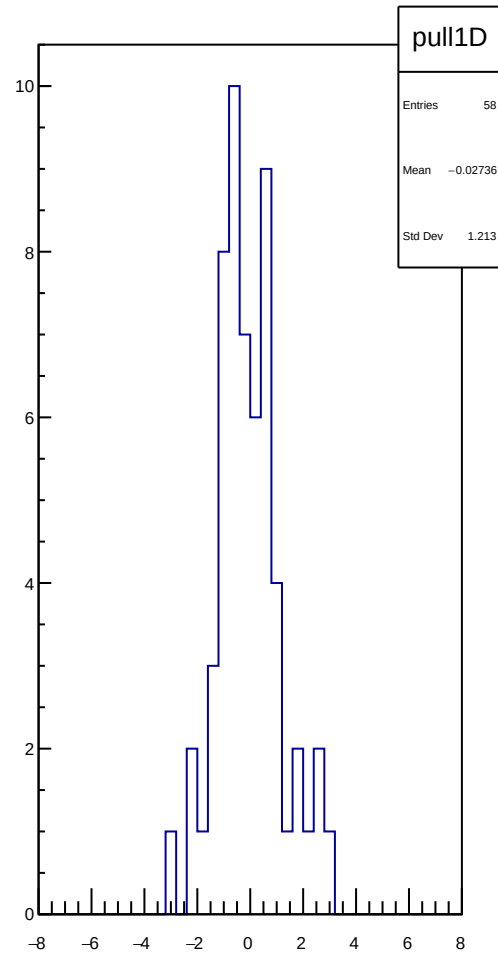
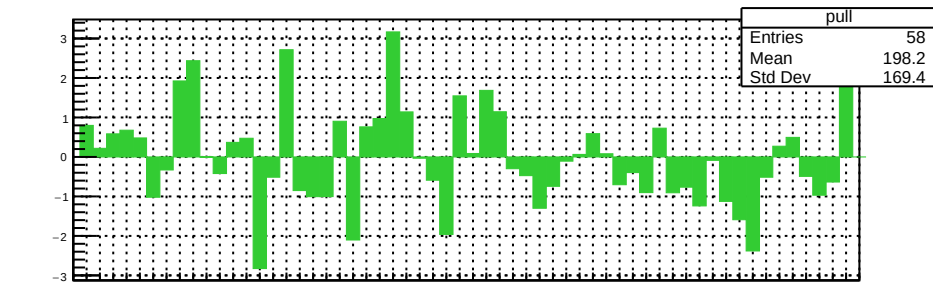
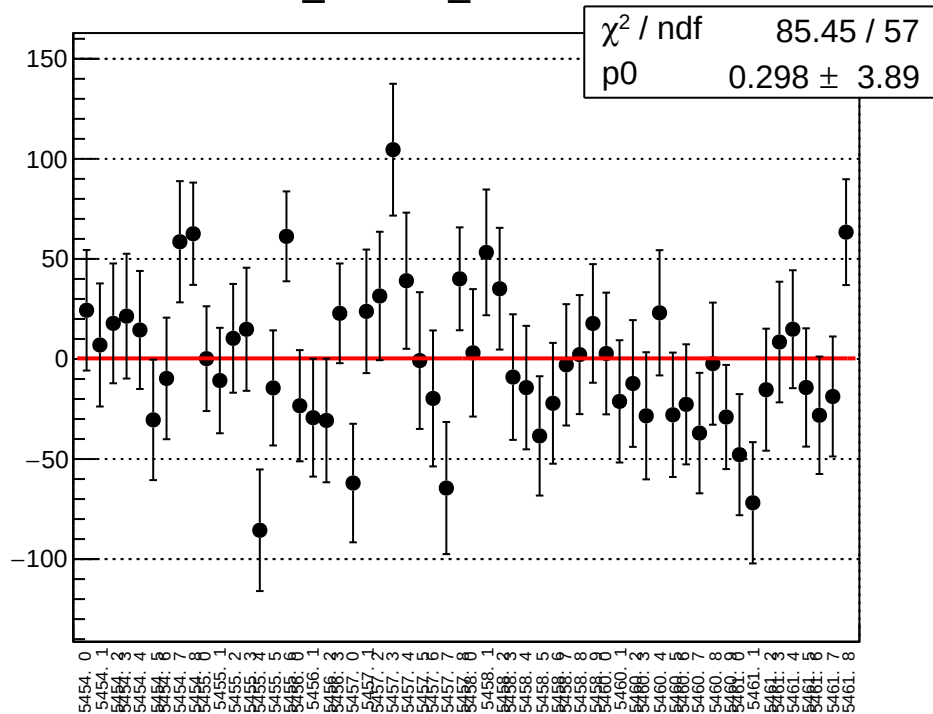


# diff\_cav4bY\_rms vs run

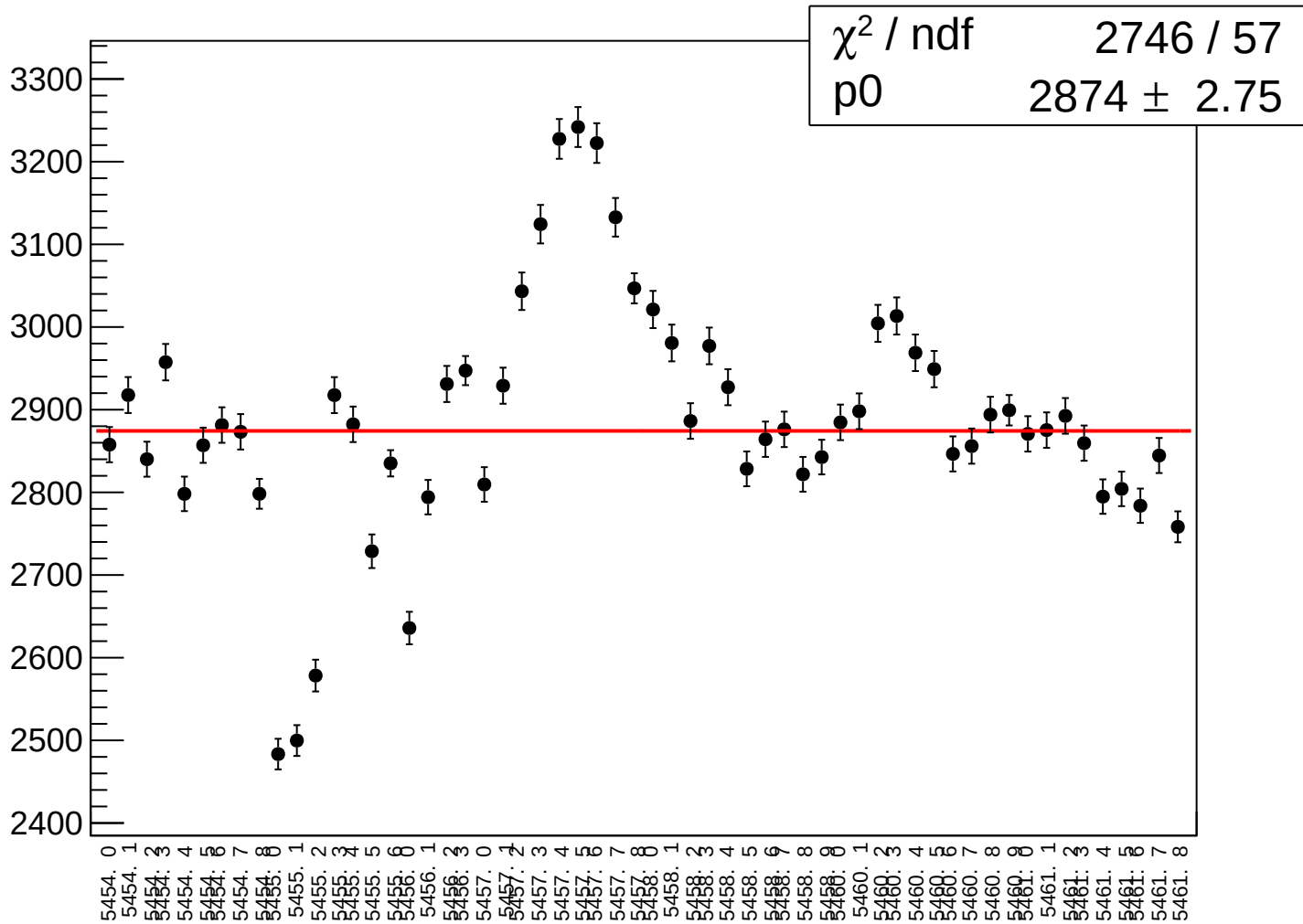




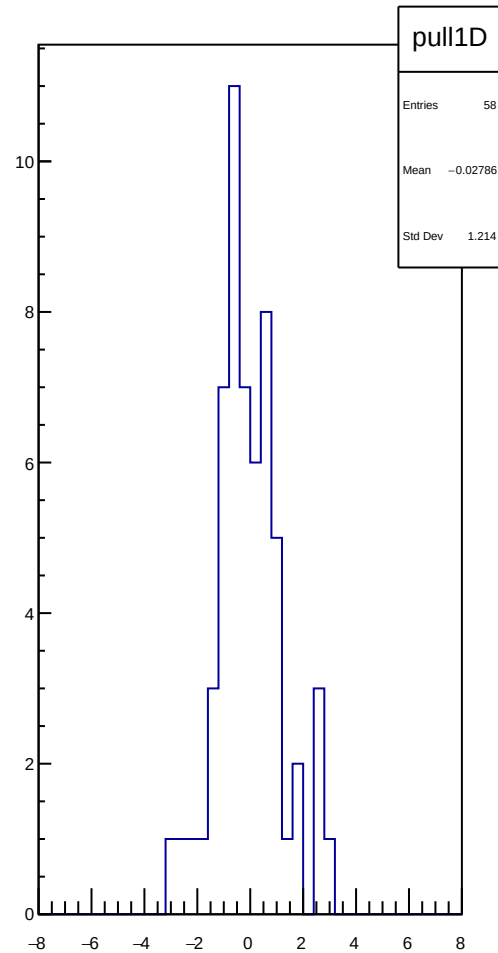
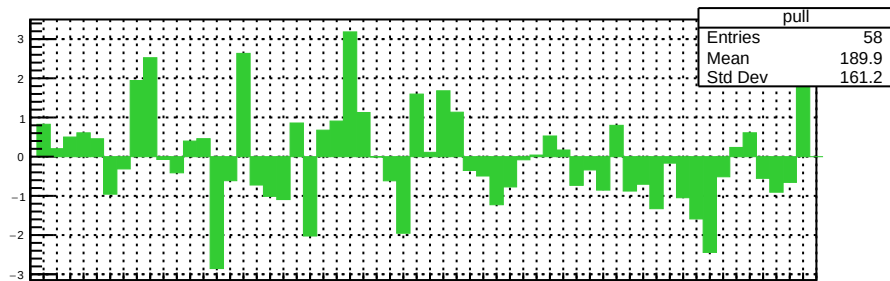
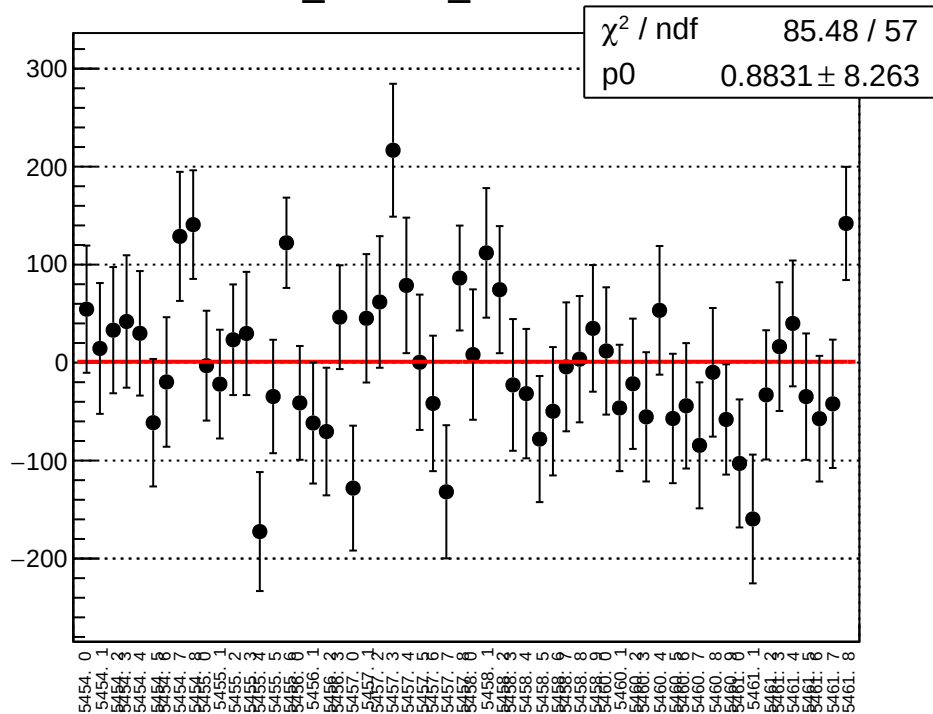
diff\_cav4cX\_mean vs run



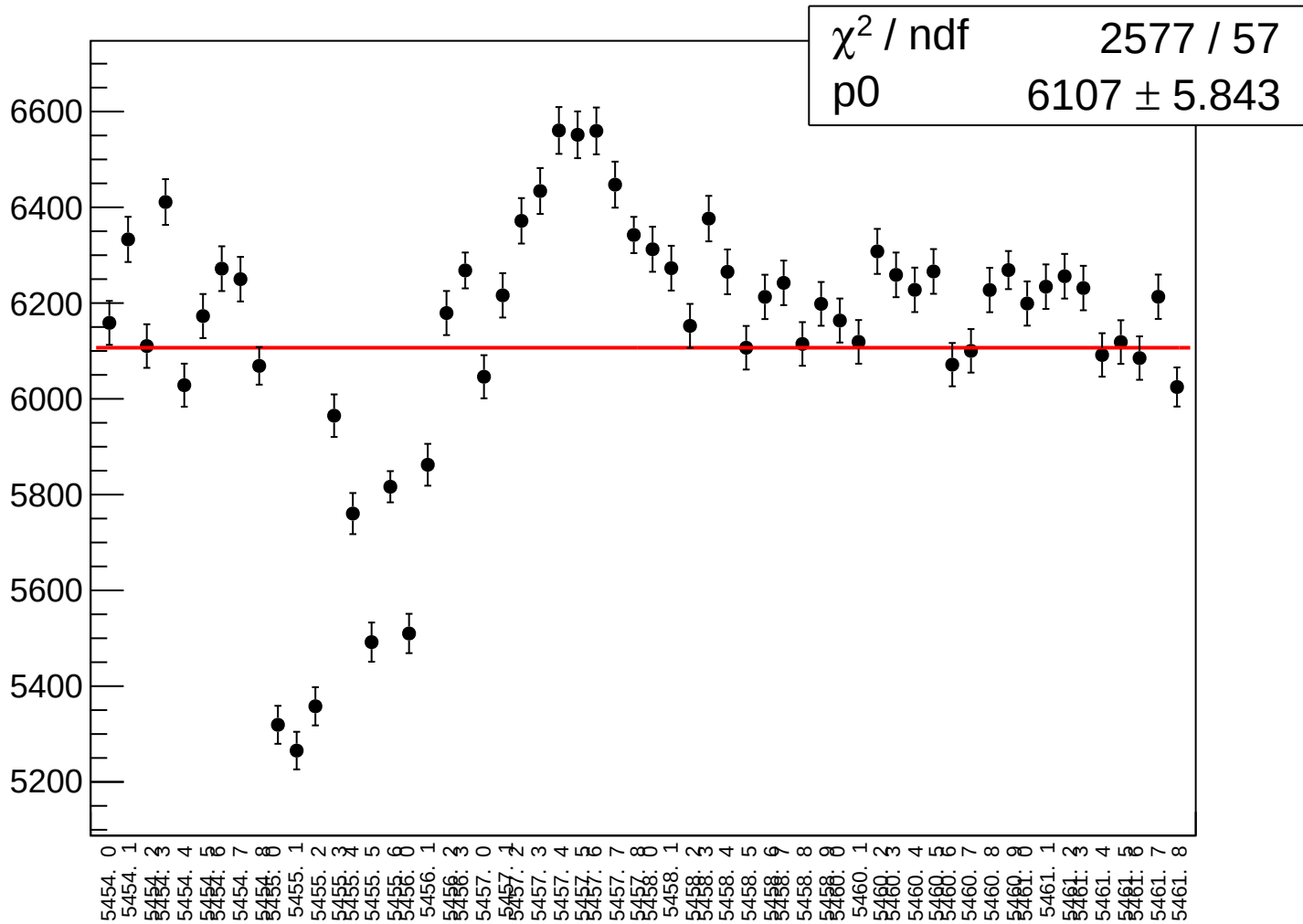
## diff\_cav4cX\_rms vs run



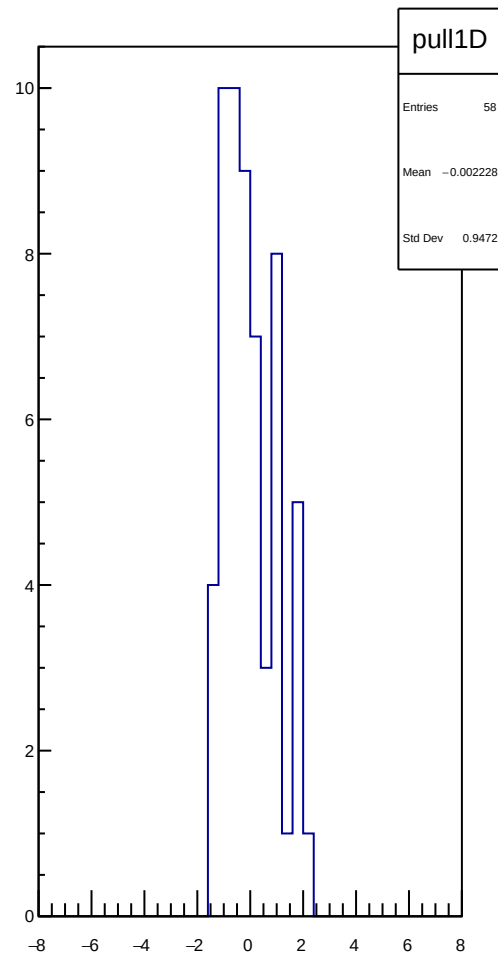
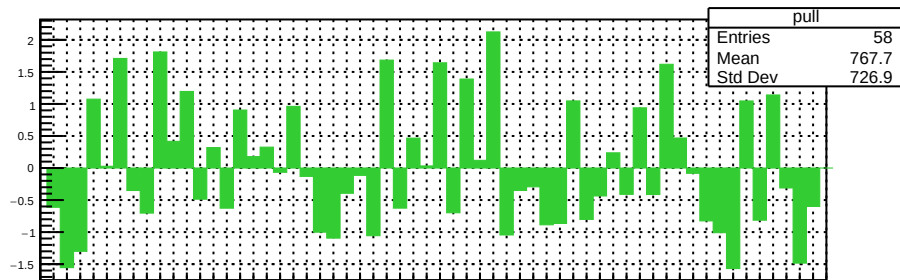
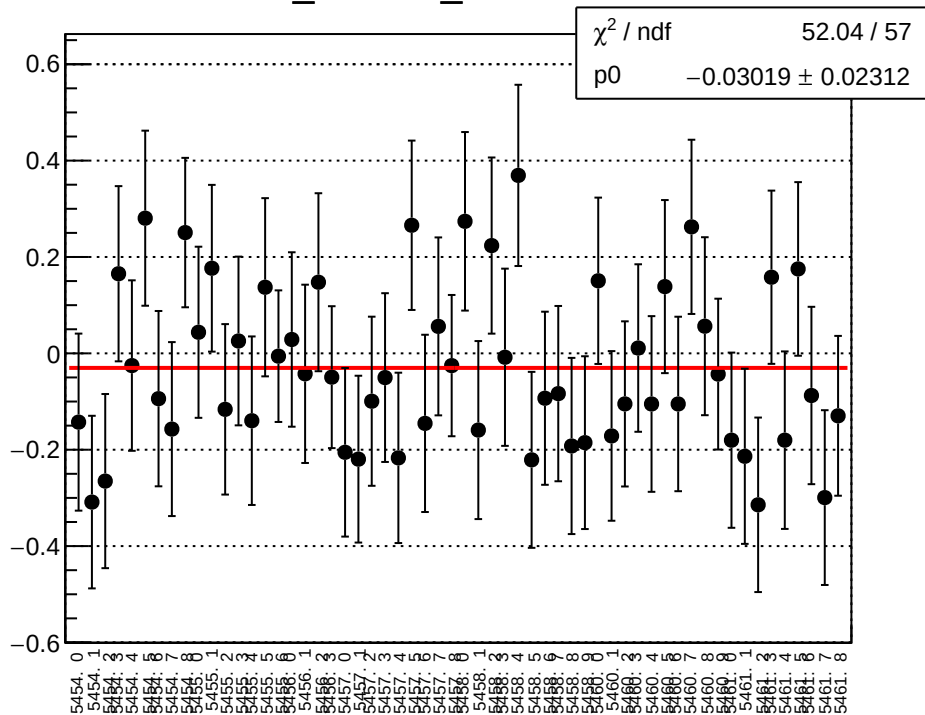
diff\_cav4cY\_mean vs run



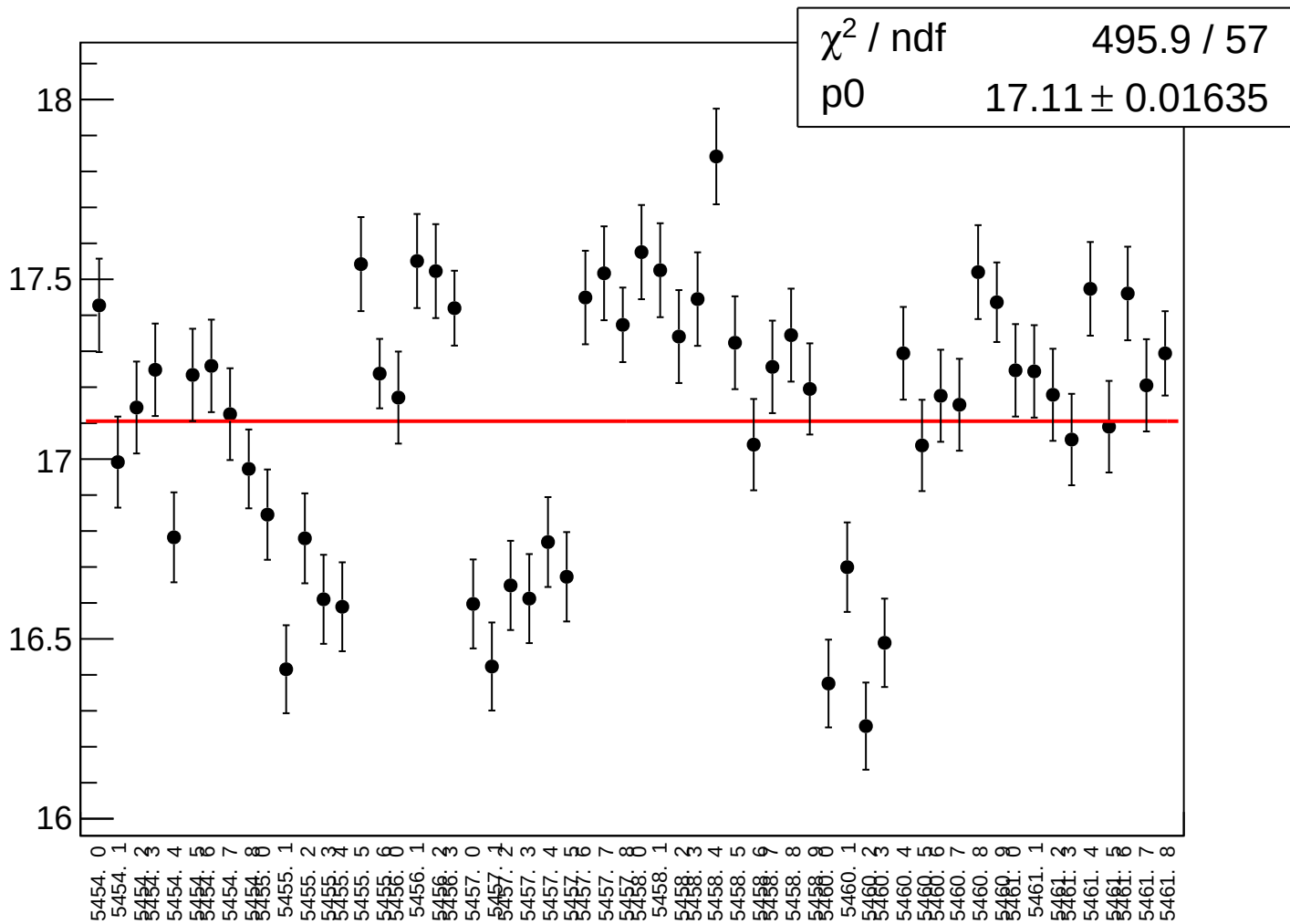
# diff\_cav4cY\_rms vs run



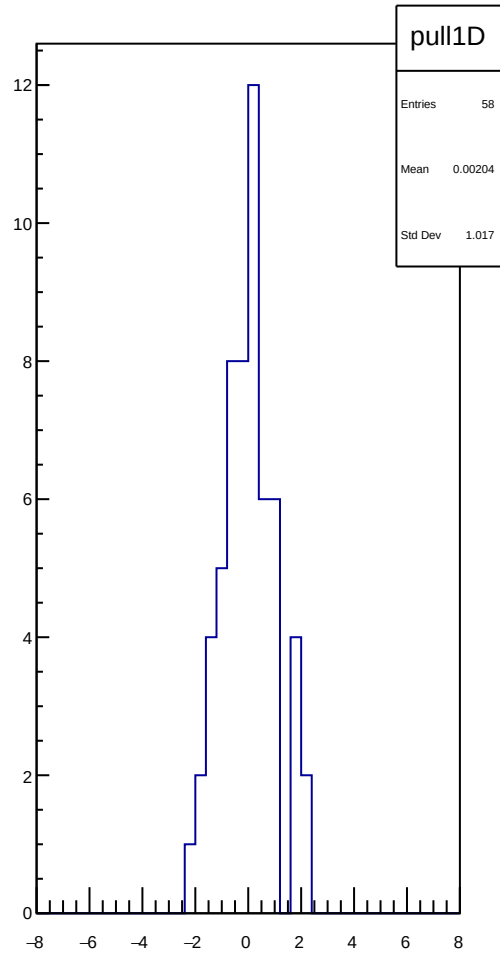
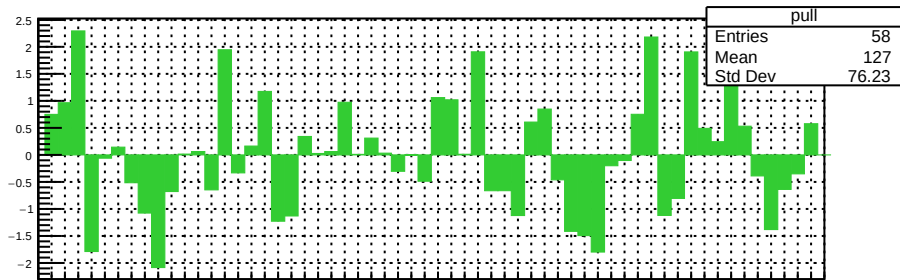
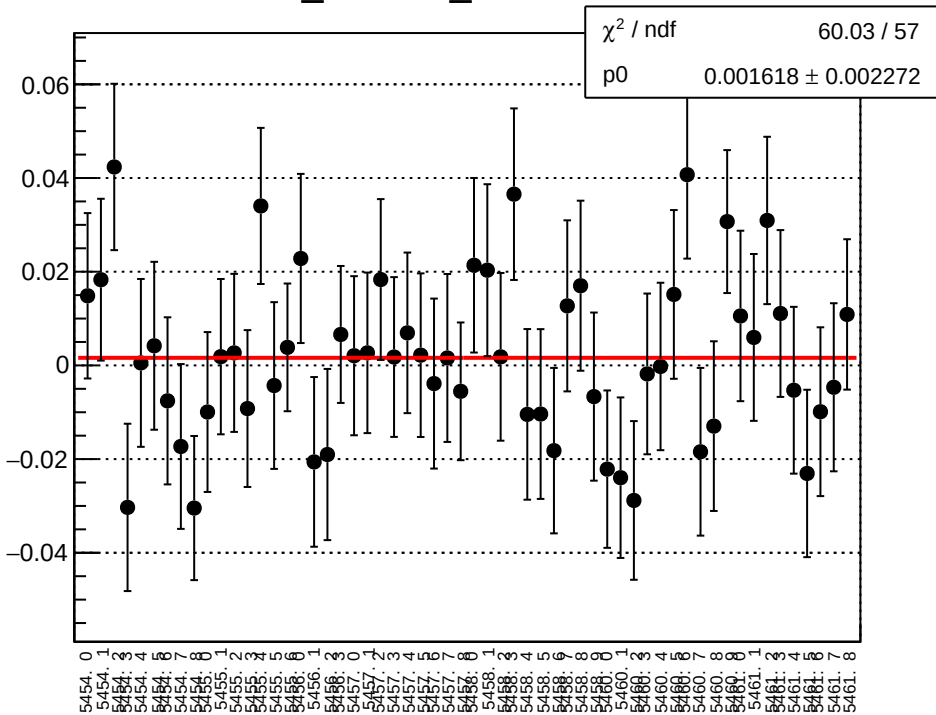
diff\_cav4dX\_mean vs run



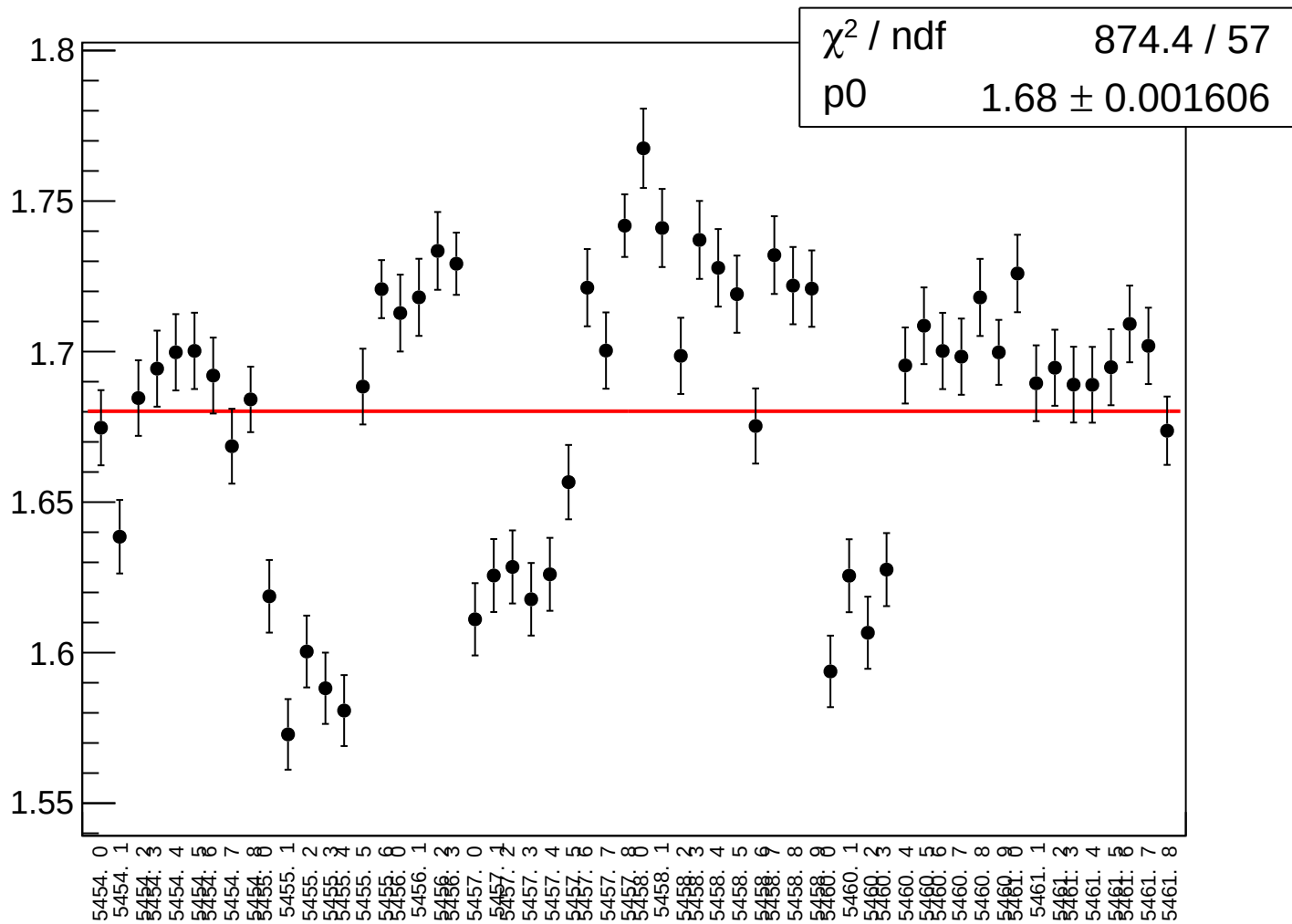
diff\_cav4dX\_rms vs run



### diff\_cav4dY\_mean vs run

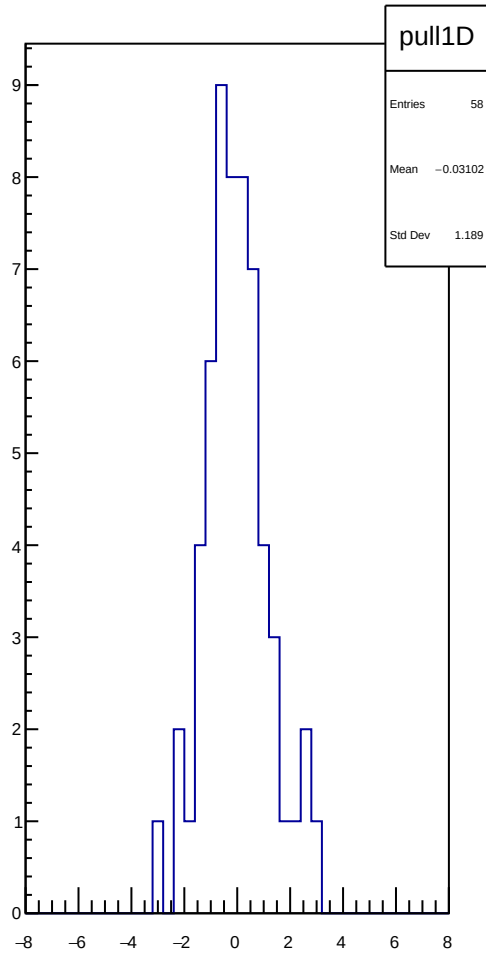
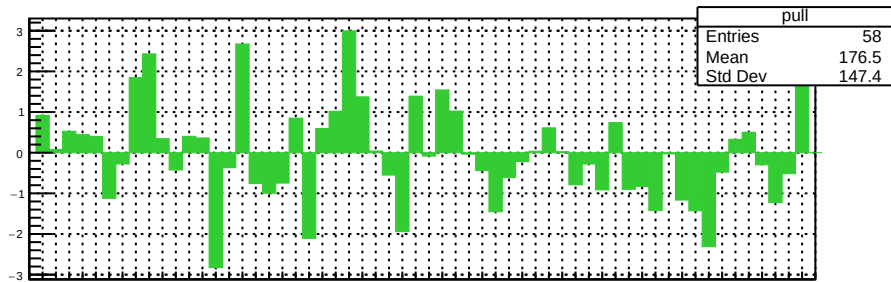
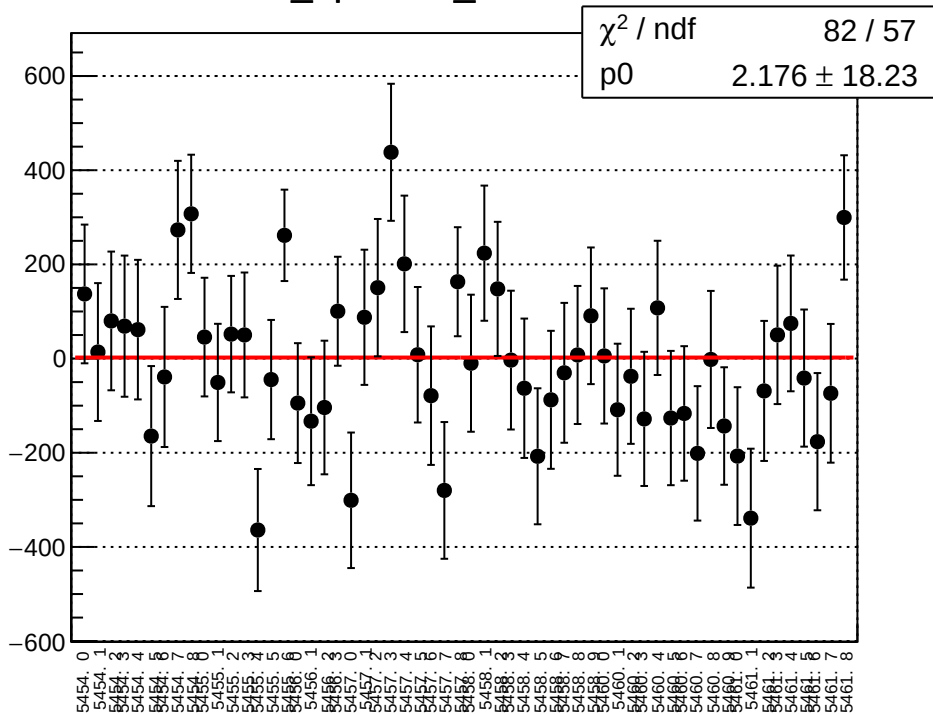


diff\_cav4dY\_rms vs run

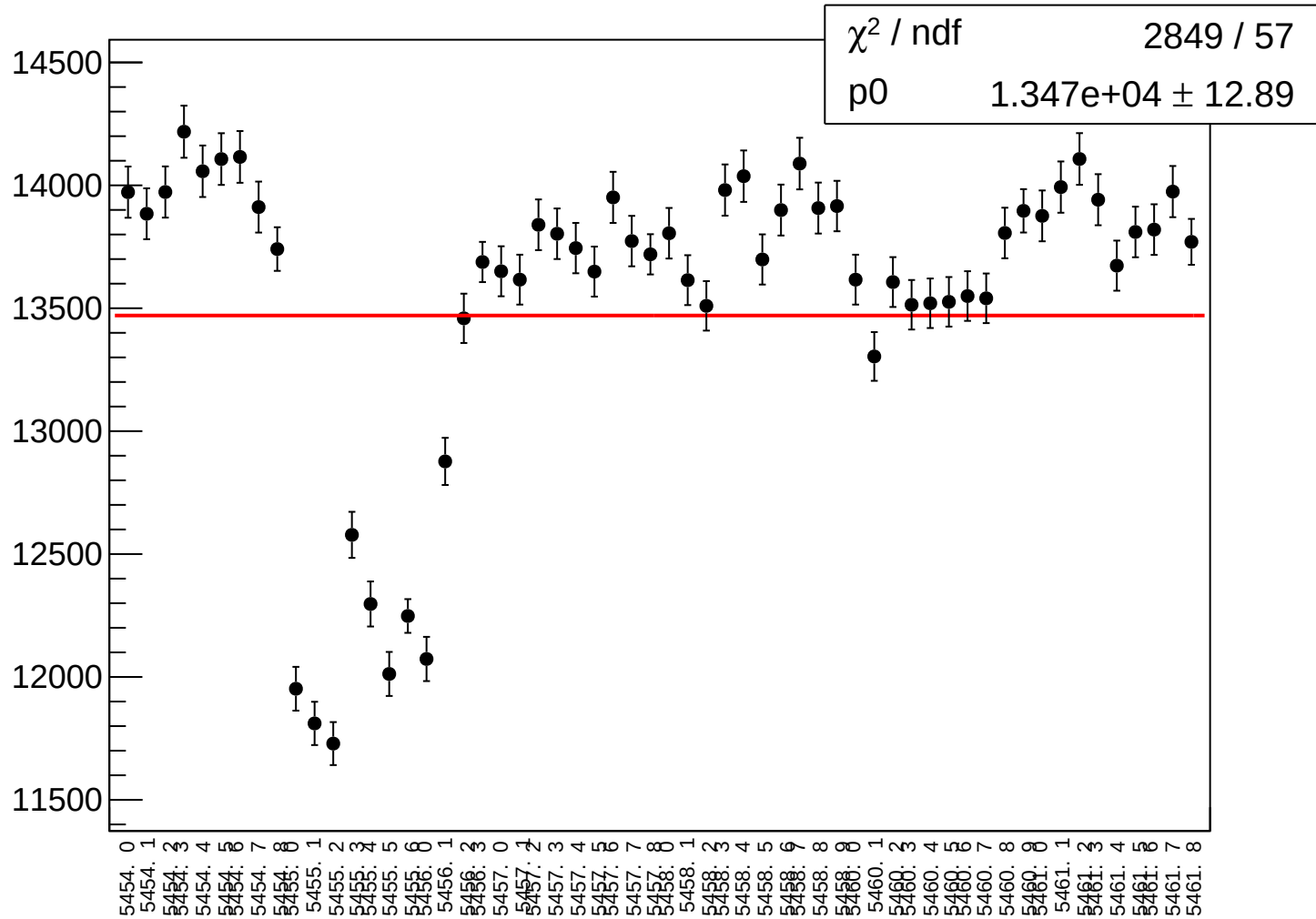




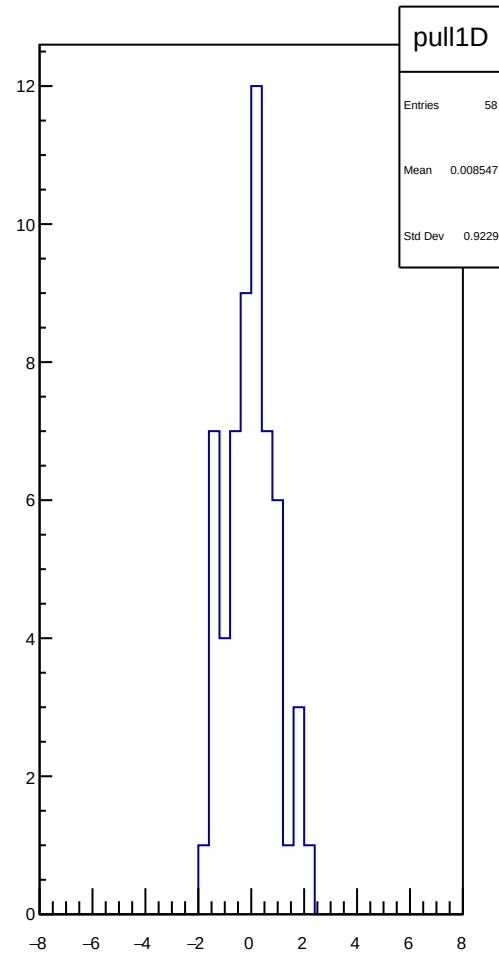
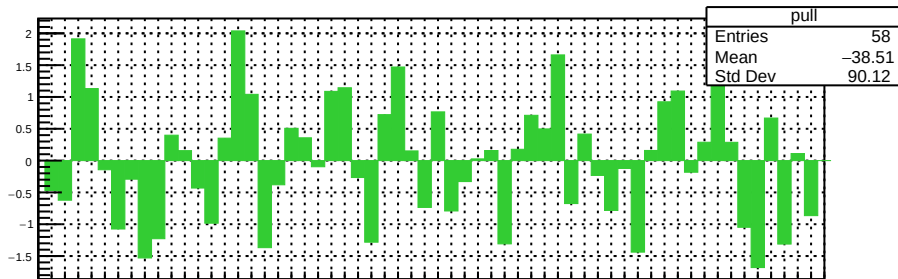
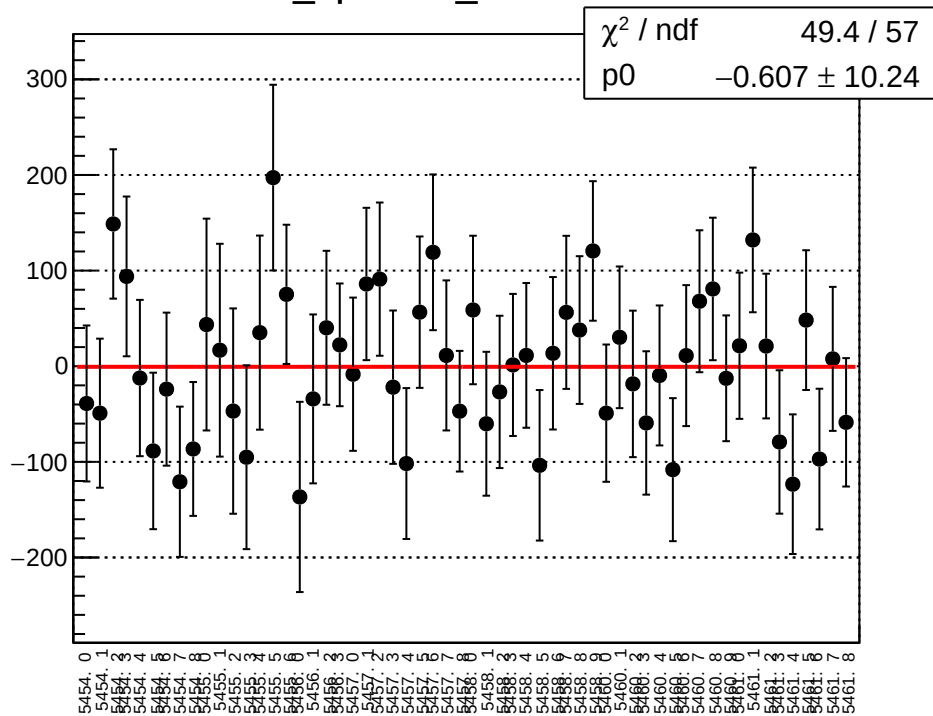
## diff\_bpm4aX\_mean vs run



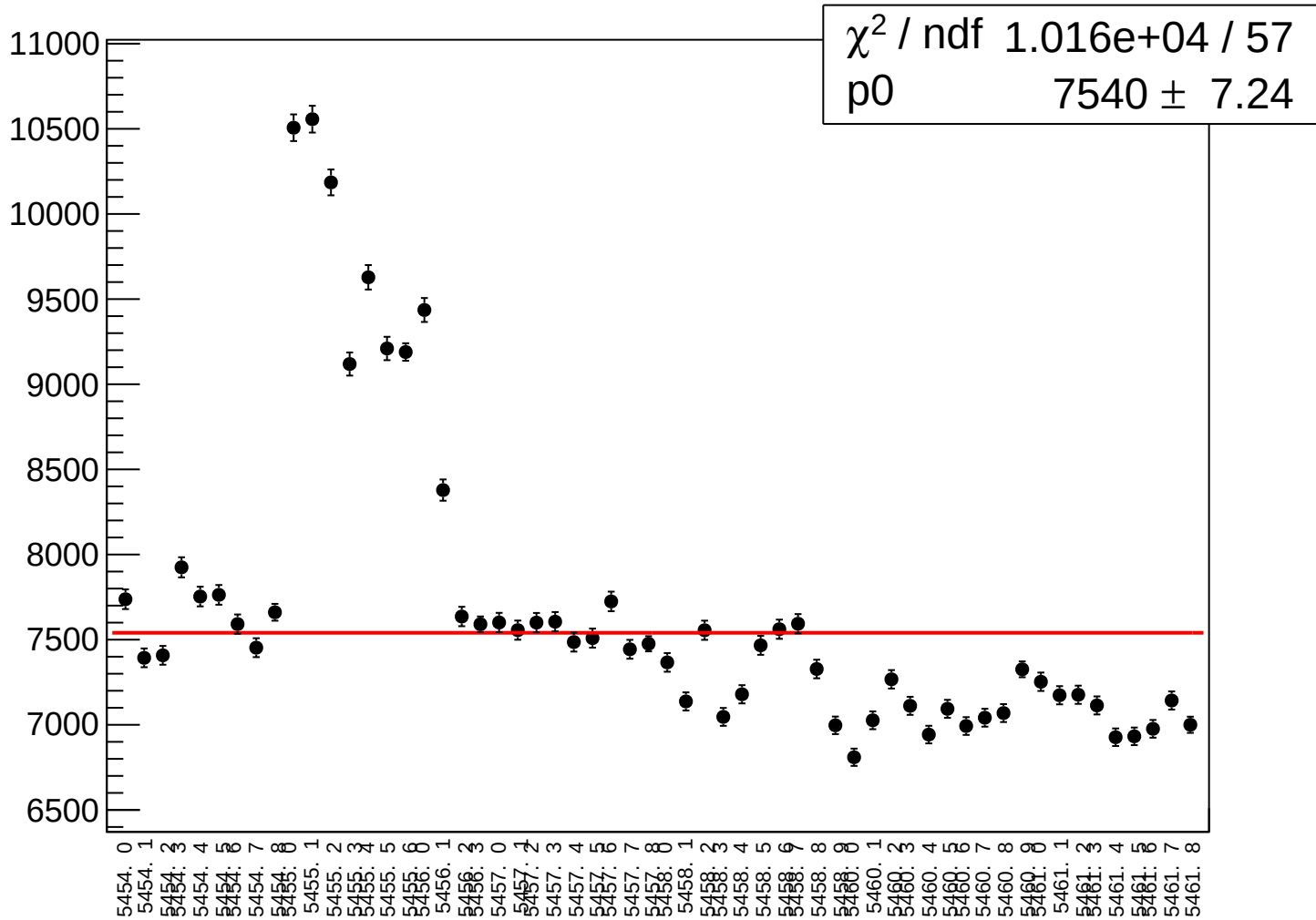
# diff\_bpm4aX\_rms vs run



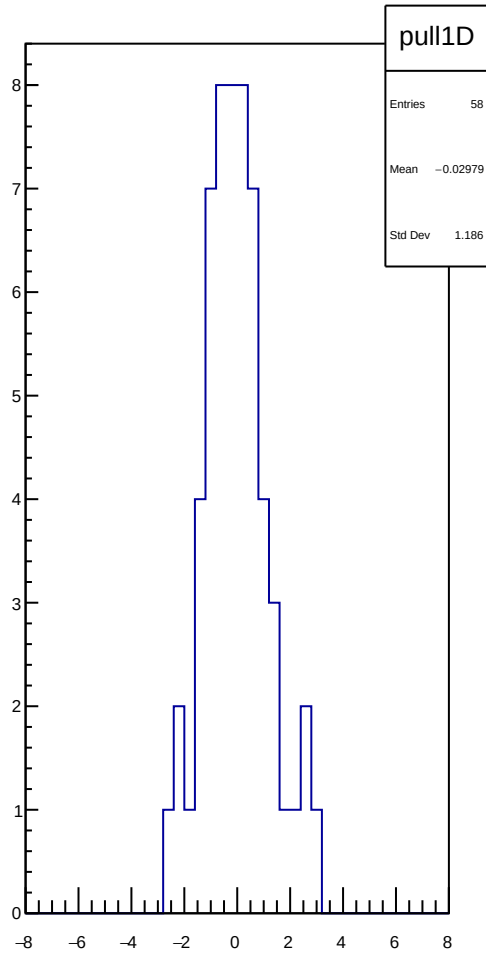
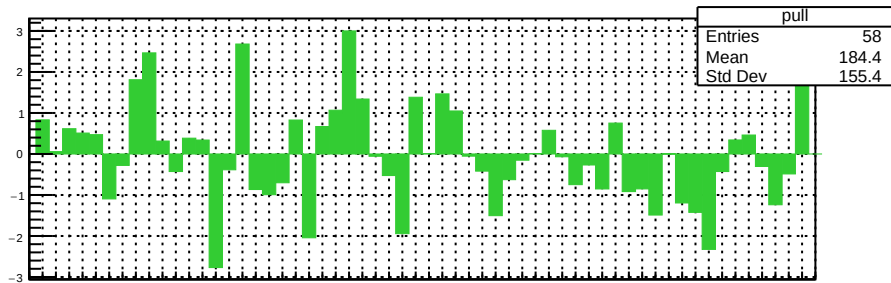
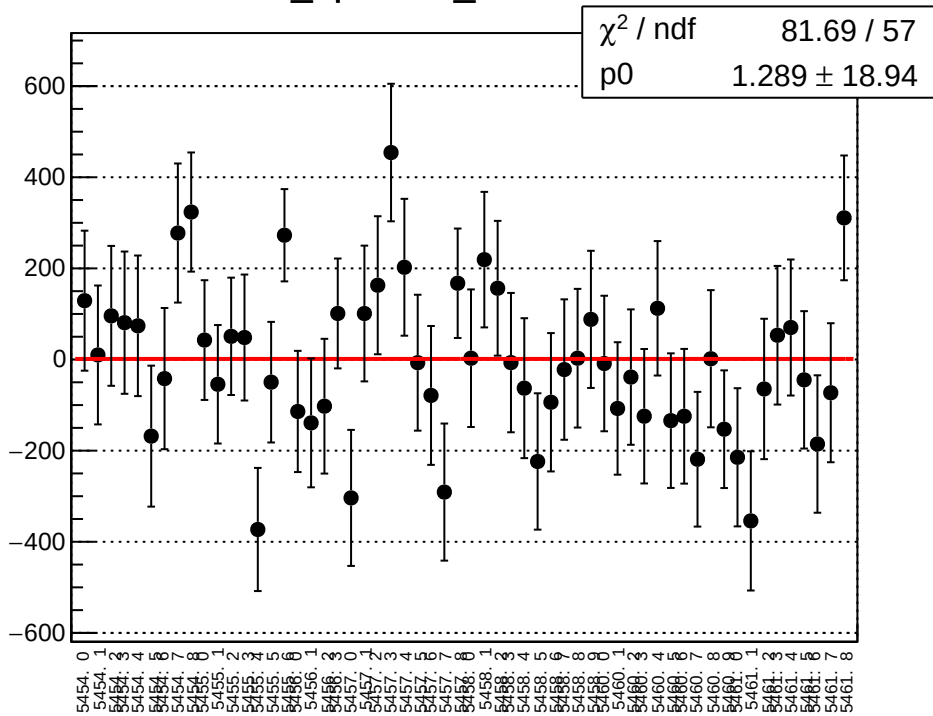
diff\_bpm4aY\_mean vs run



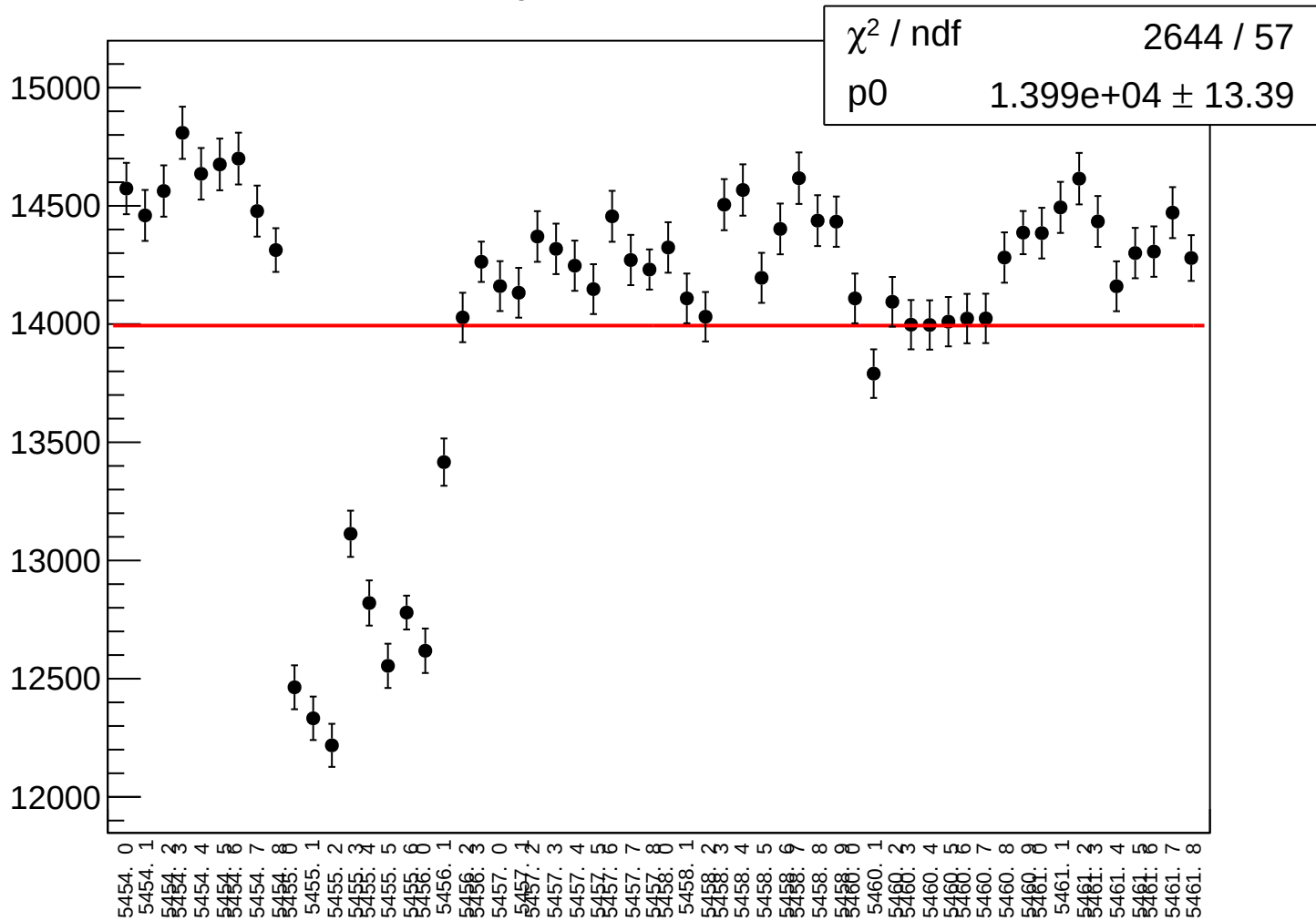
diff\_bpm4aY\_rms vs run



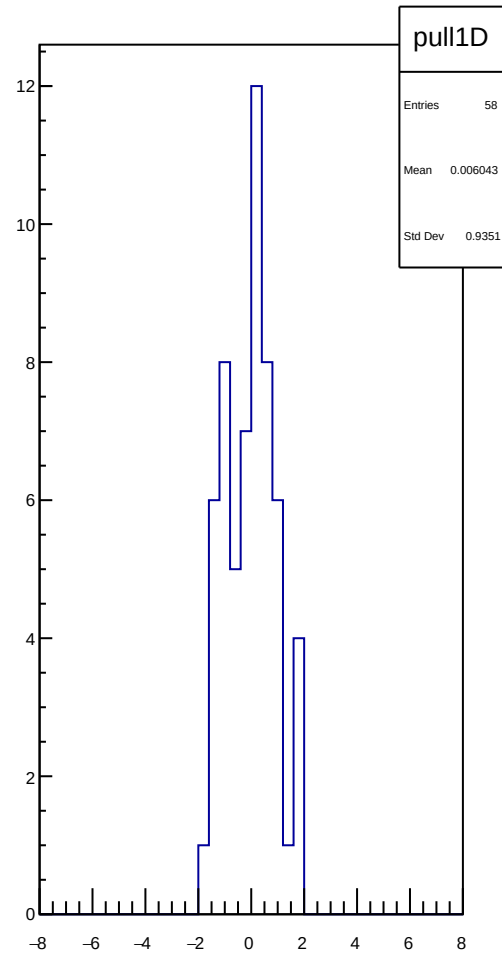
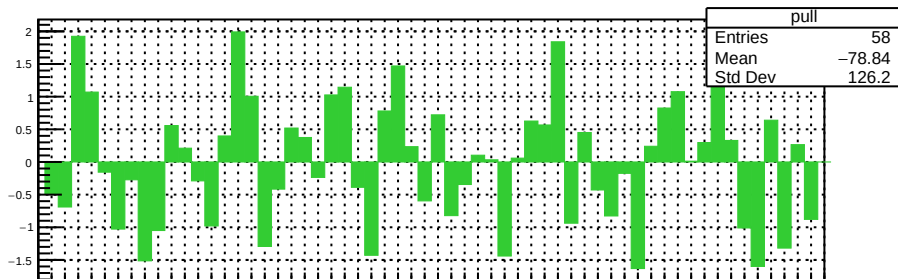
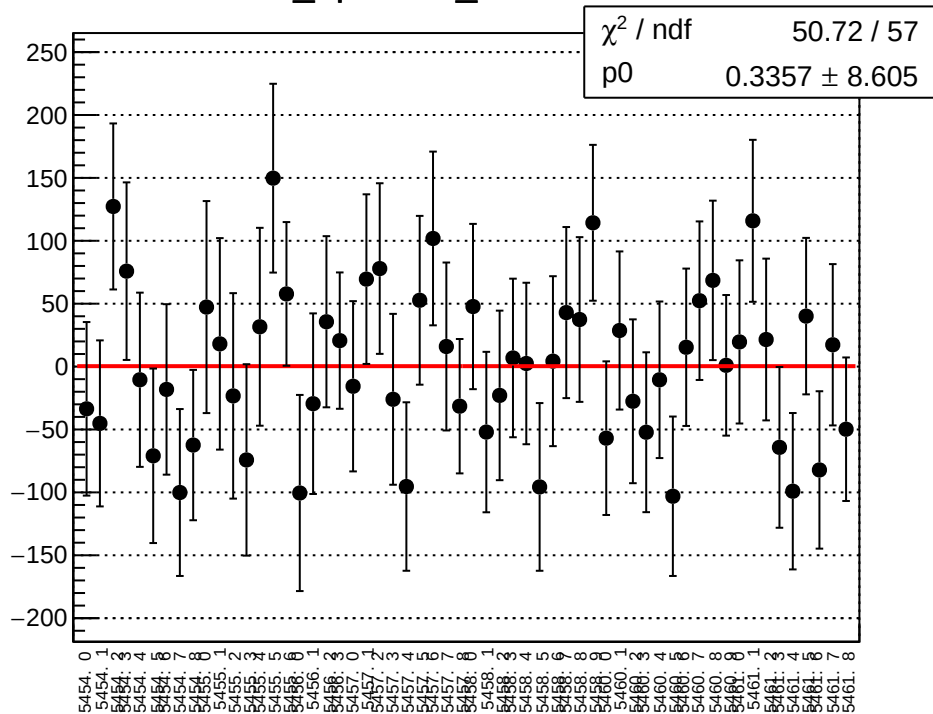
## diff\_bpm4eX\_mean vs run



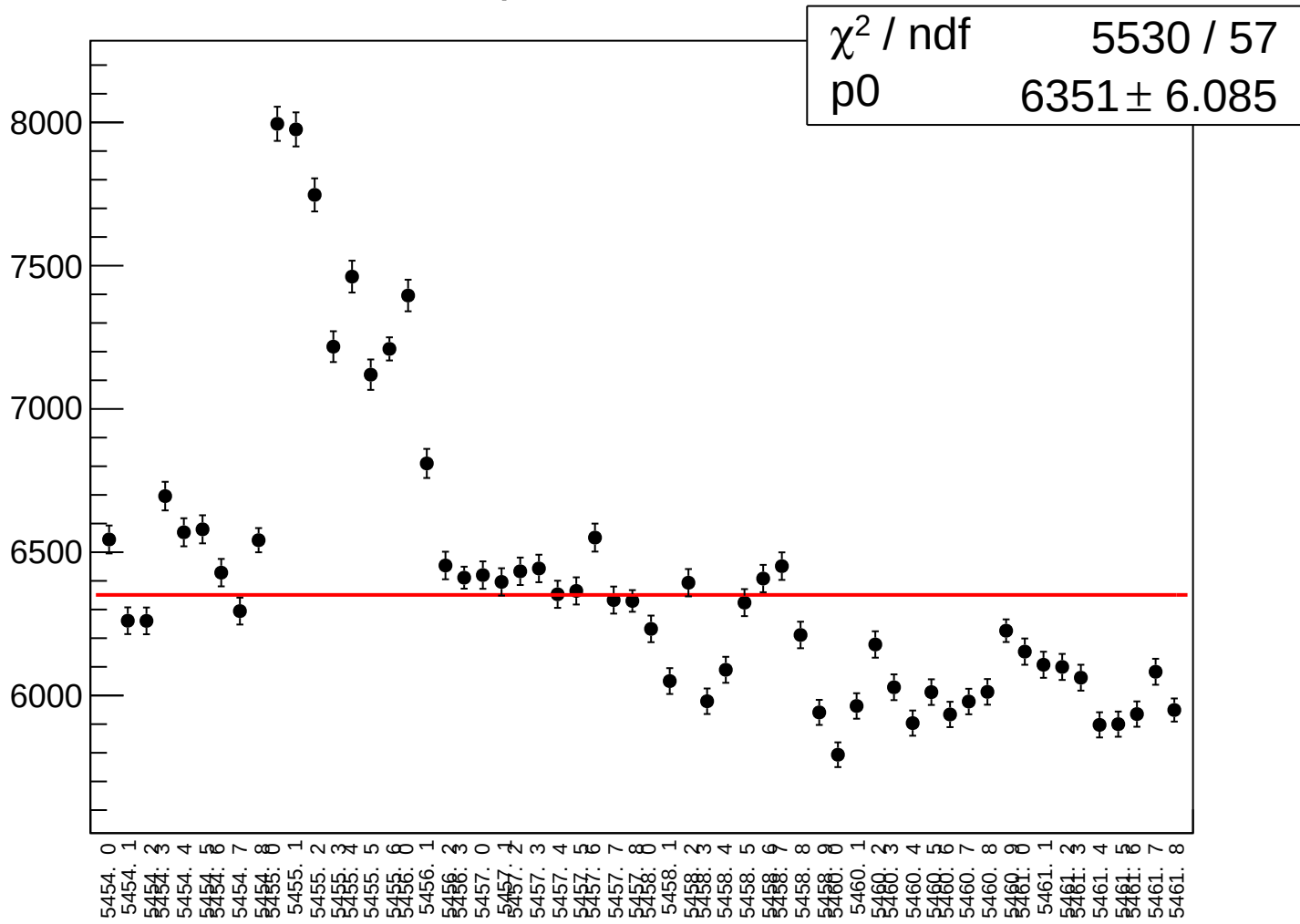
# diff\_bpm4eX\_rms vs run



diff\_bpm4eY\_mean vs run

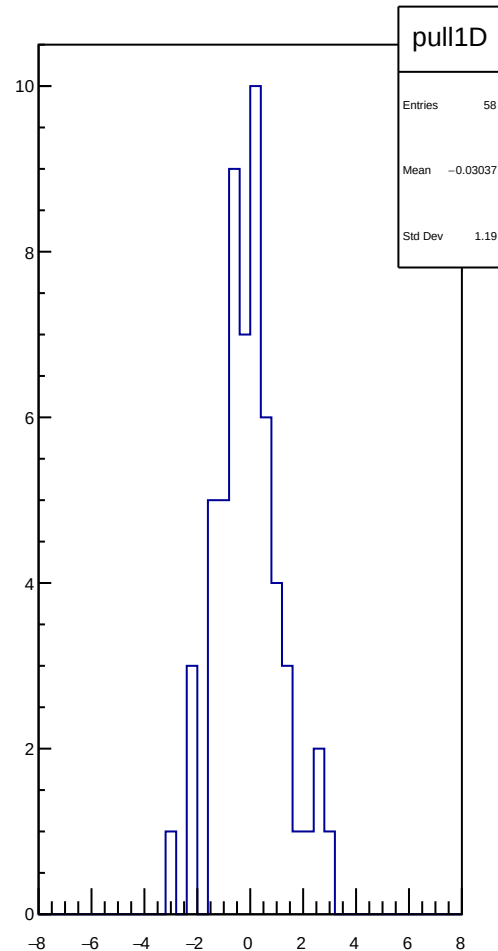
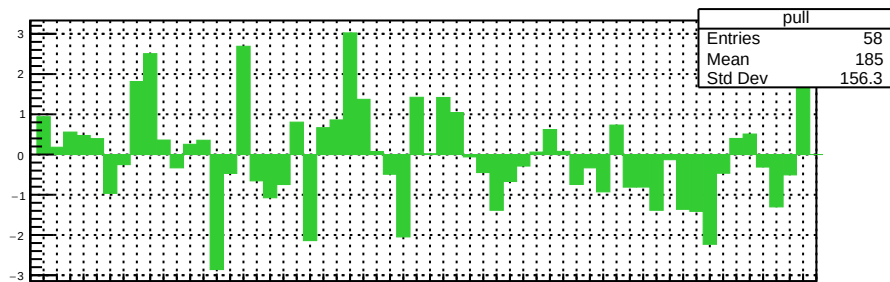
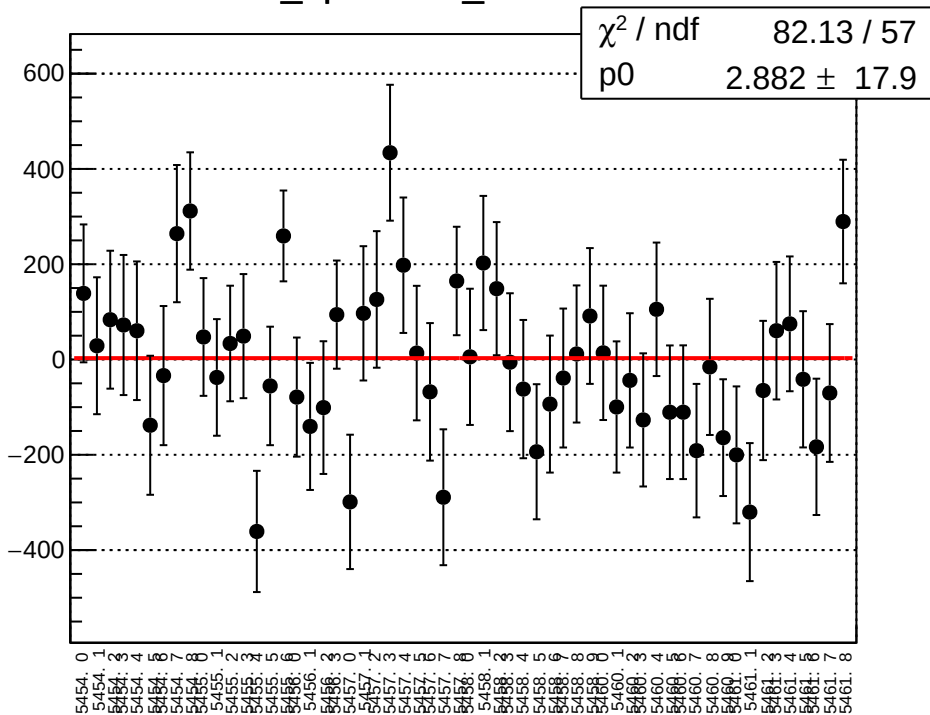


# diff\_bpm4eY\_rms vs run

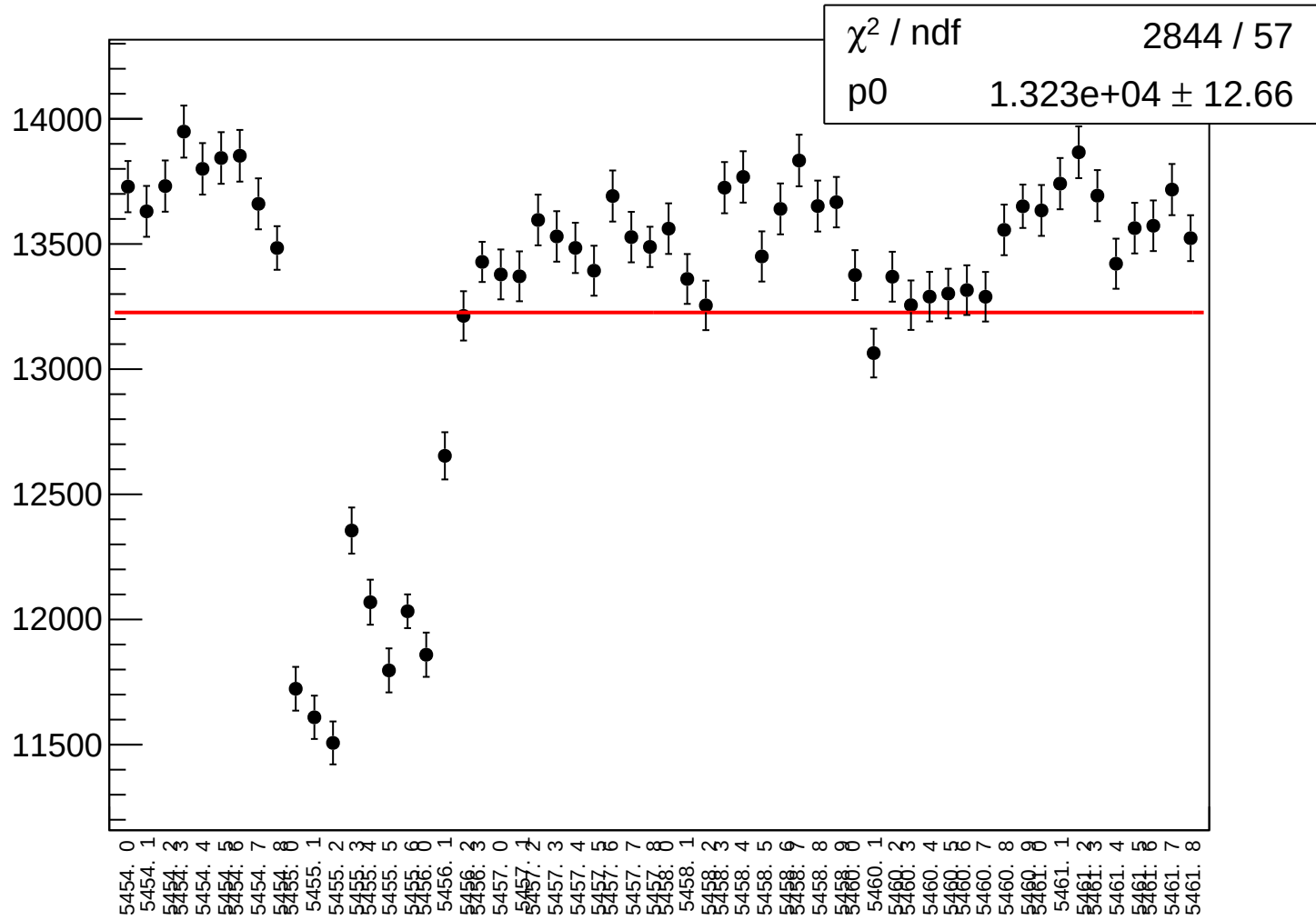




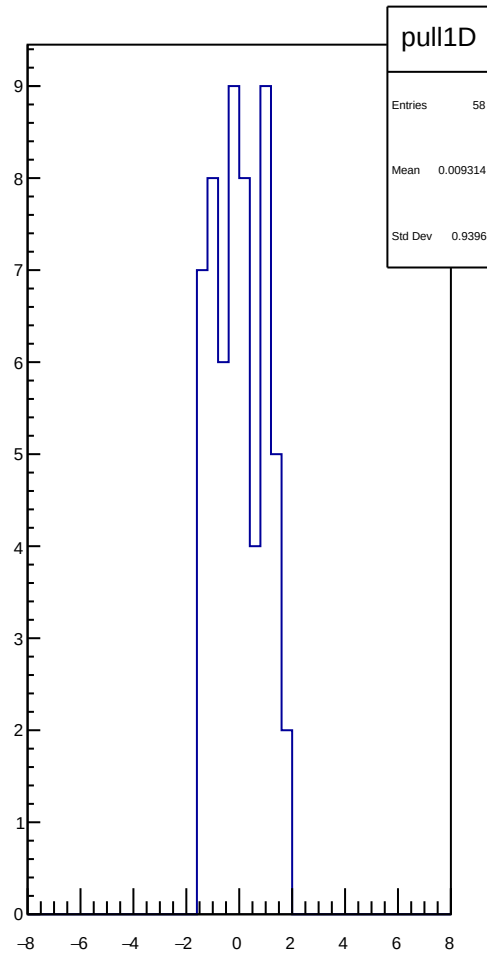
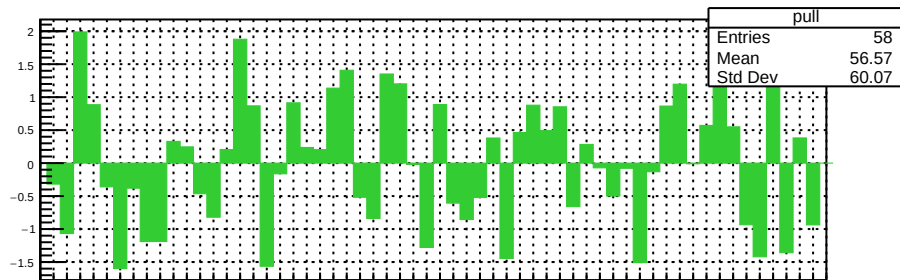
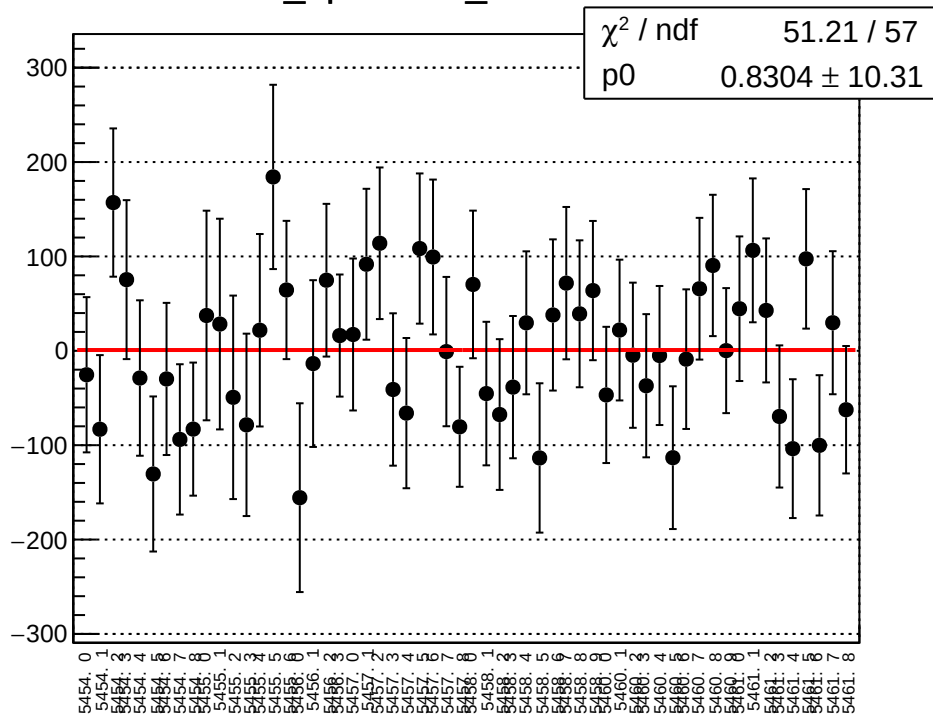
# diff\_bpm4acX\_mean vs run



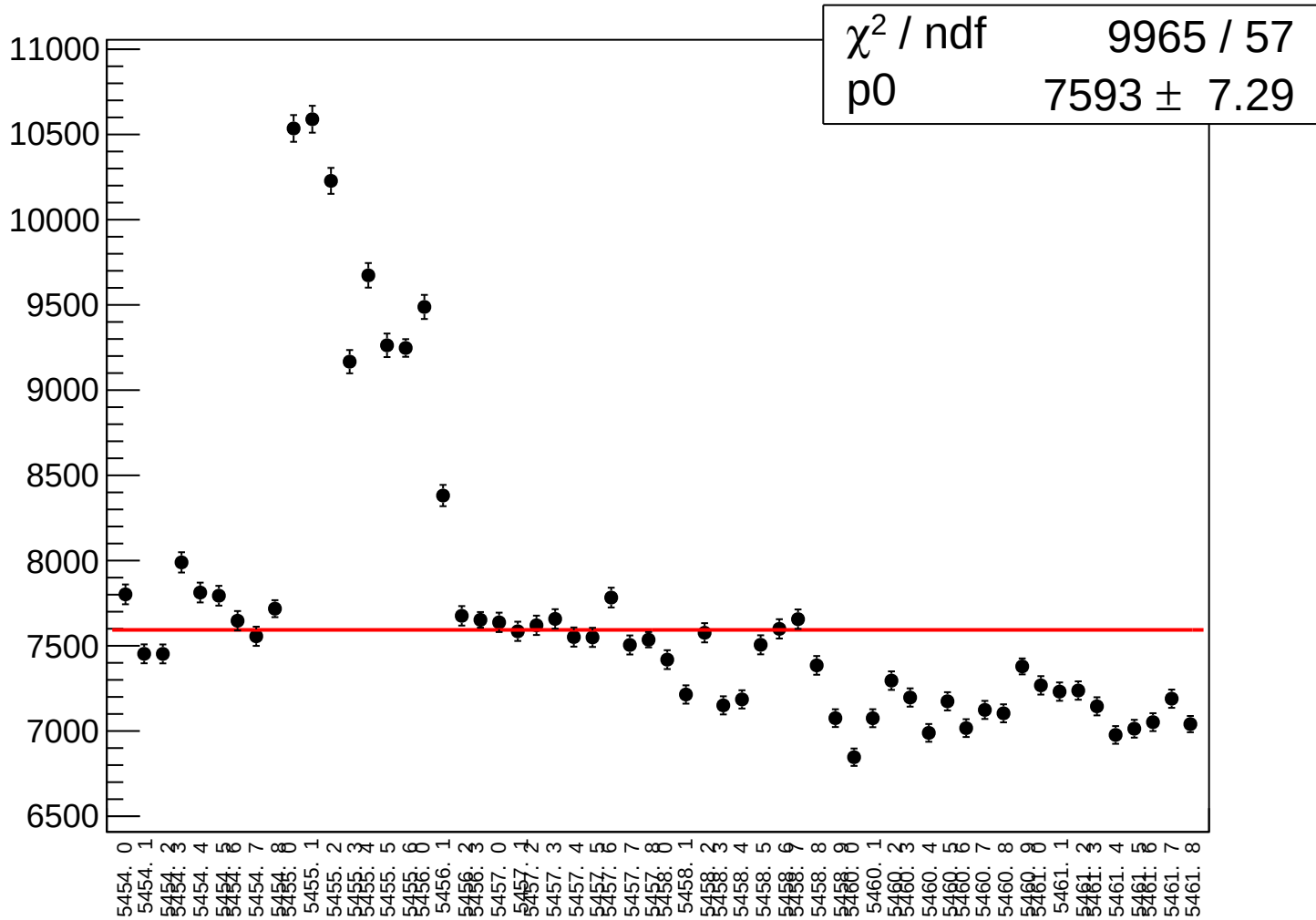
# diff\_bpm4acX\_rms vs run



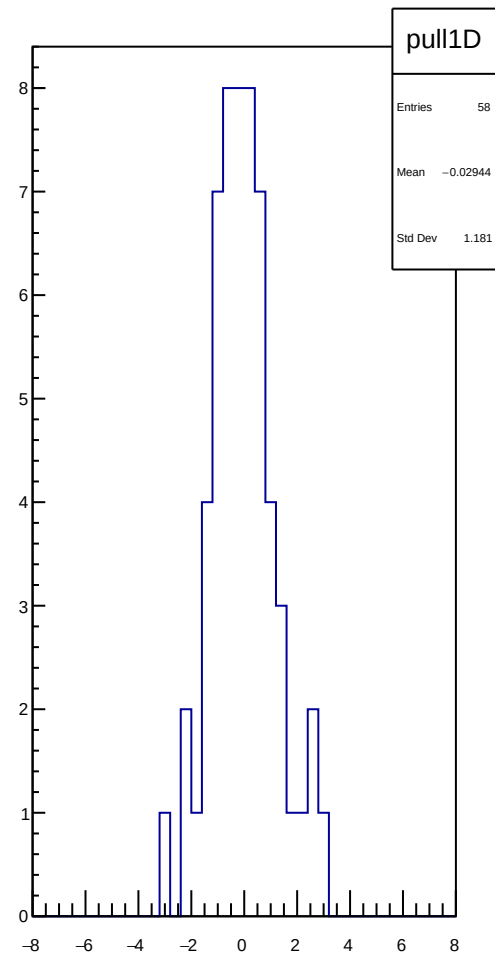
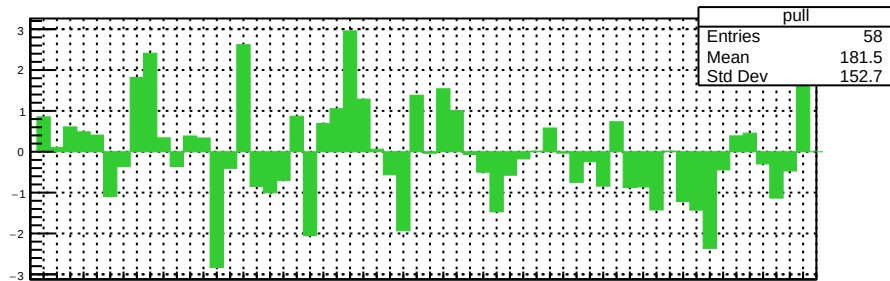
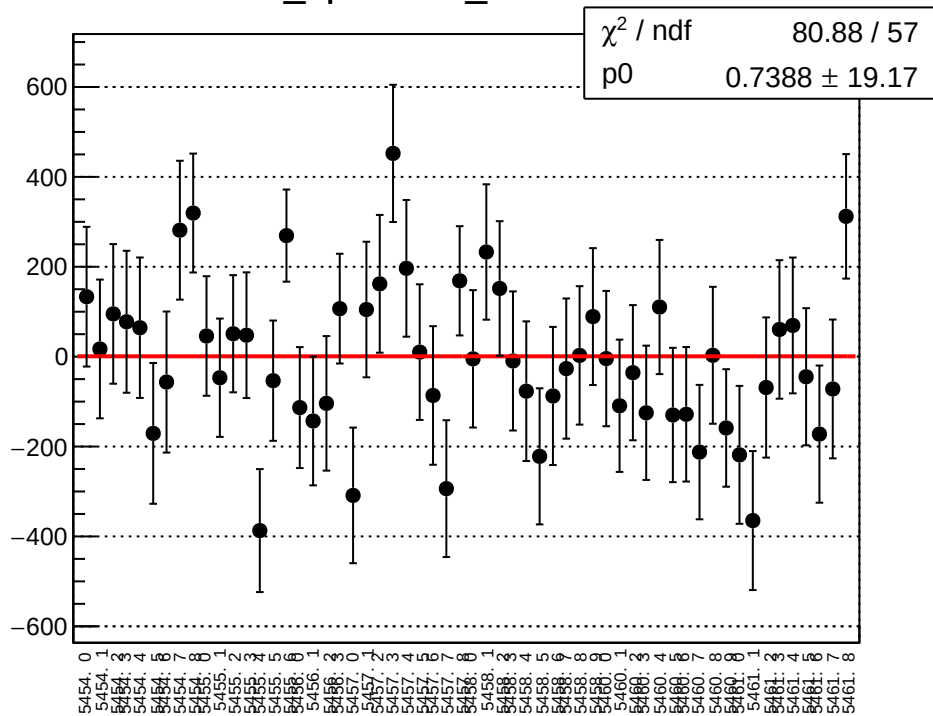
diff\_bpm4acY\_mean vs run



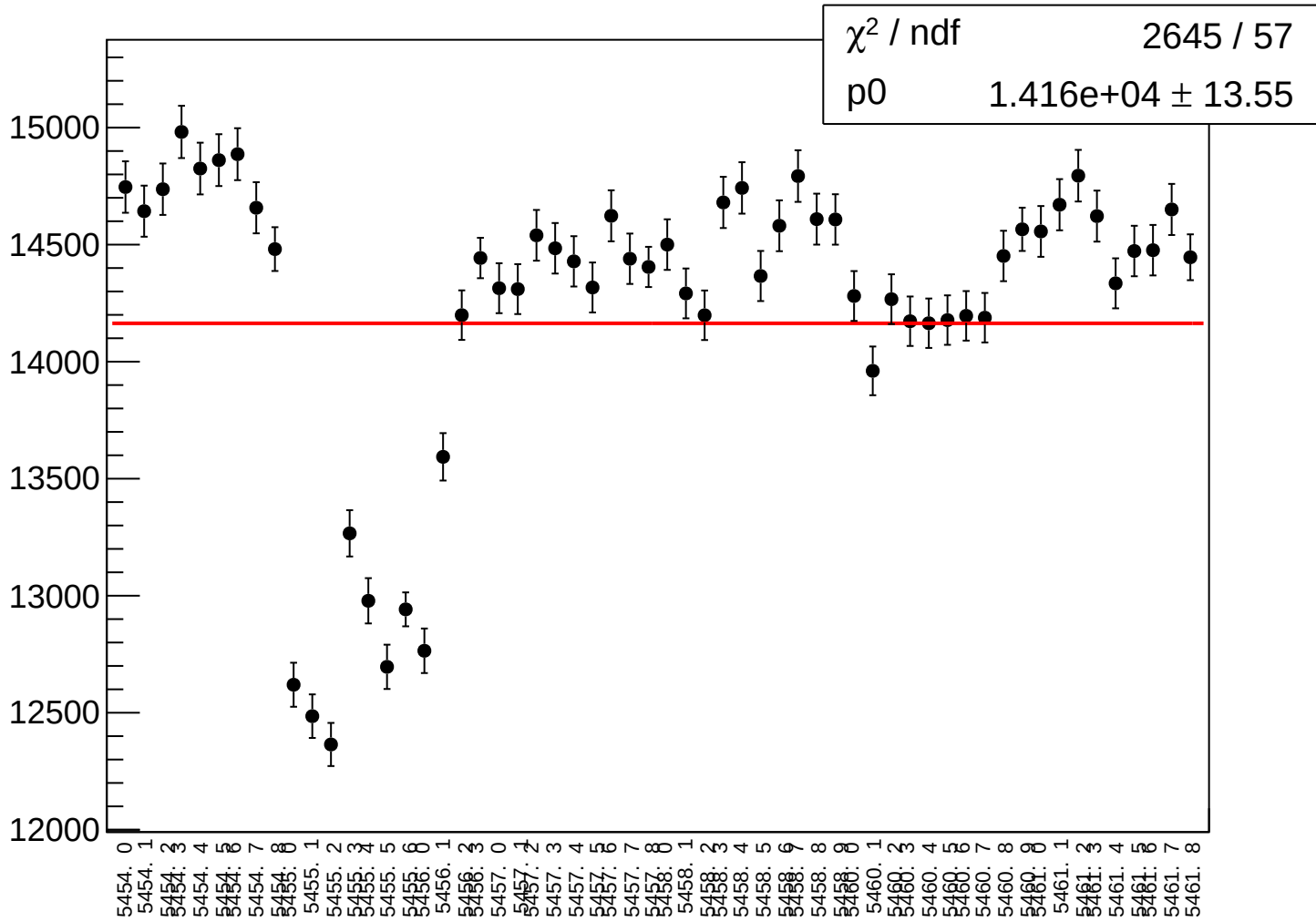
# diff\_bpm4acY\_rms vs run



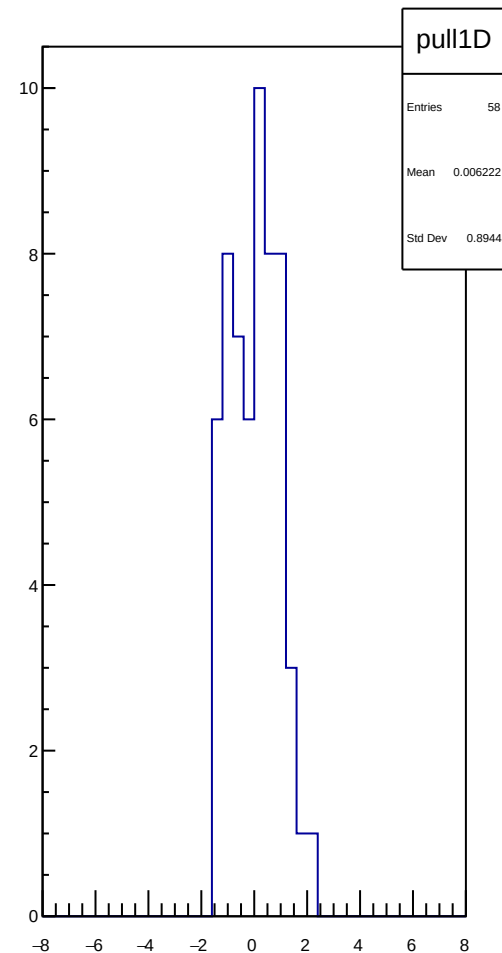
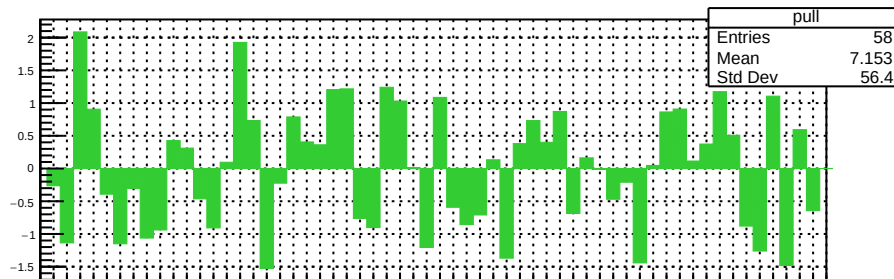
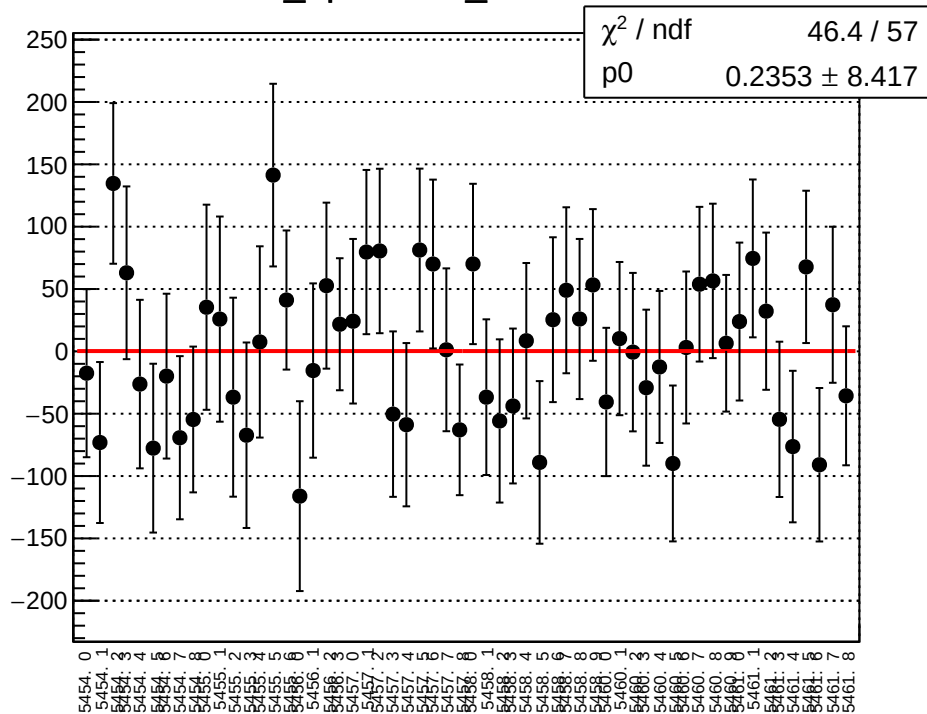
### diff\_bpm4ecX\_mean vs run



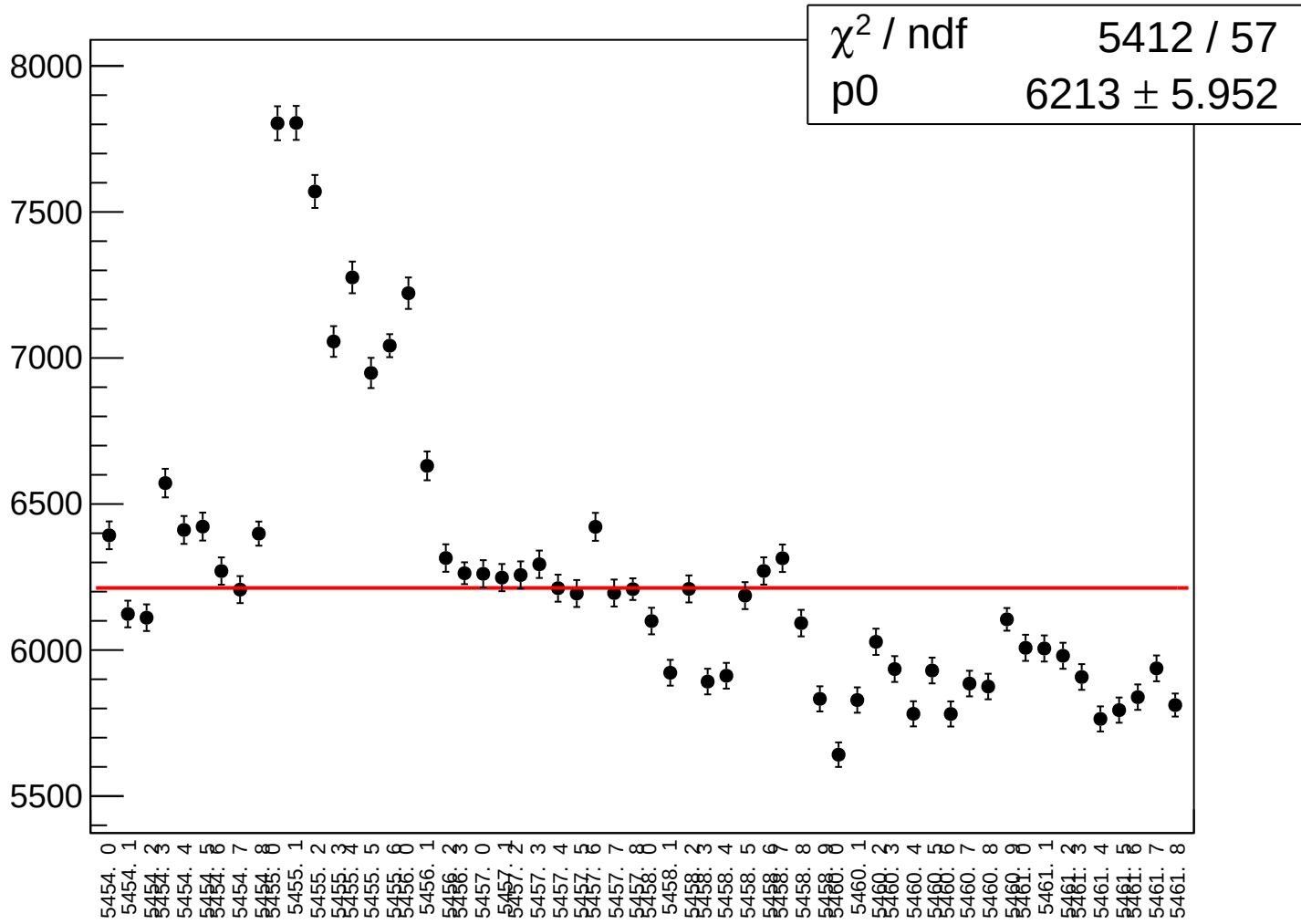
# diff\_bpm4ecX\_rms vs run



# diff\_bpm4ecY\_mean vs run

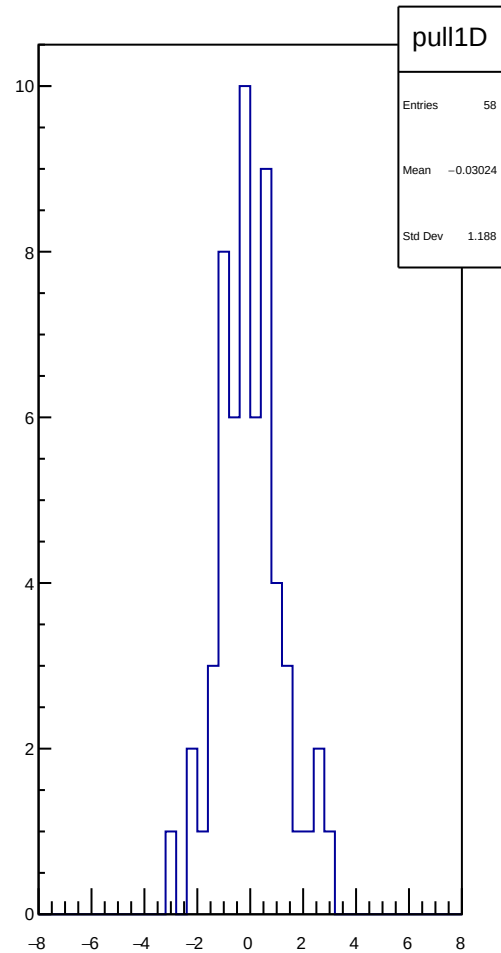
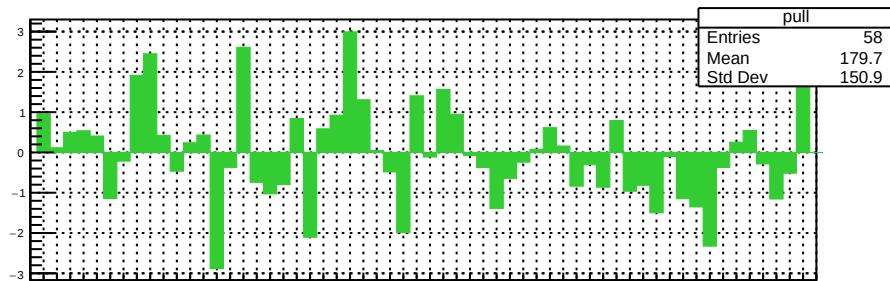
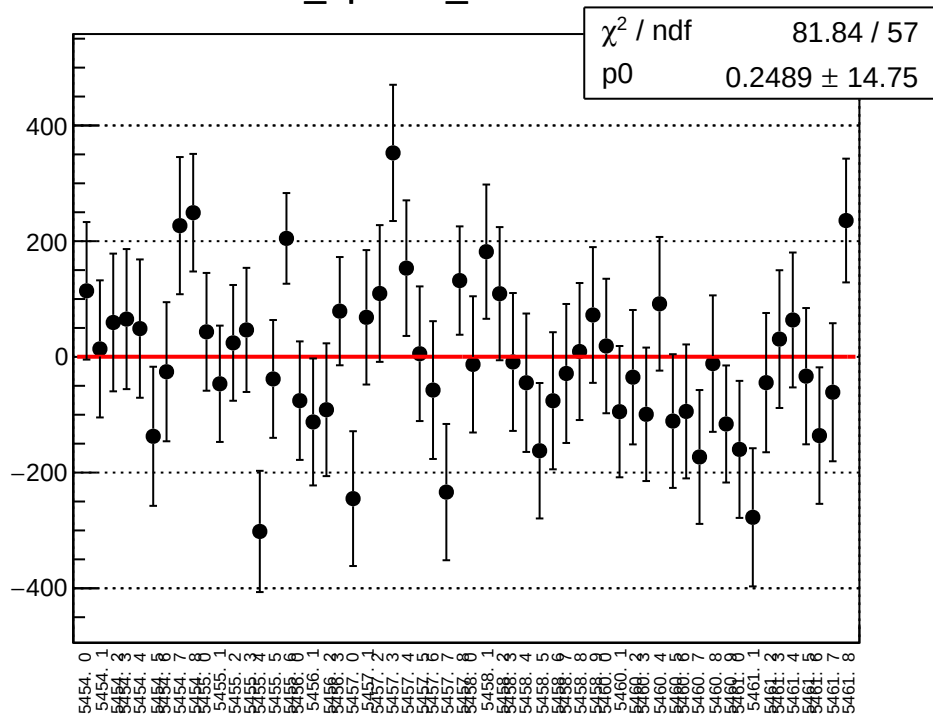


# diff\_bpm4ecY\_rms vs run

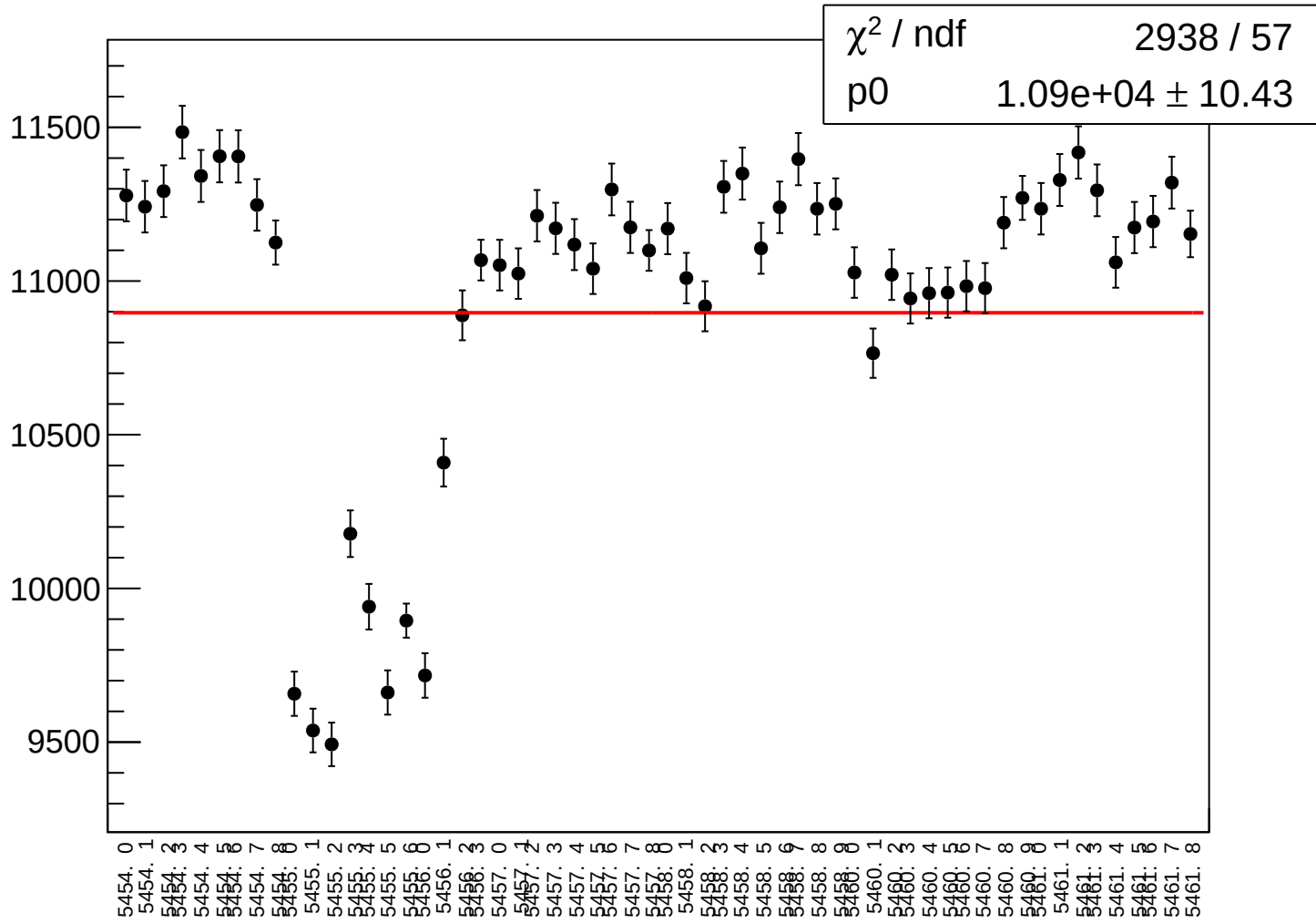




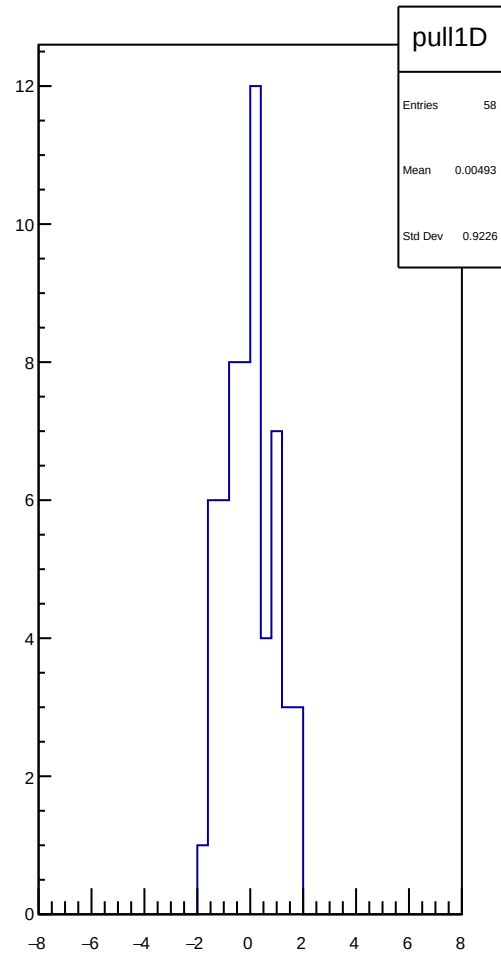
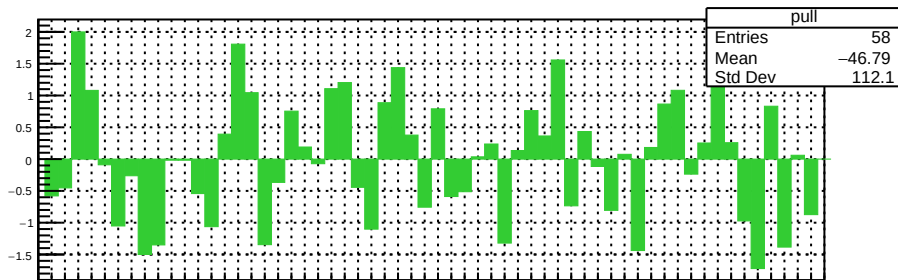
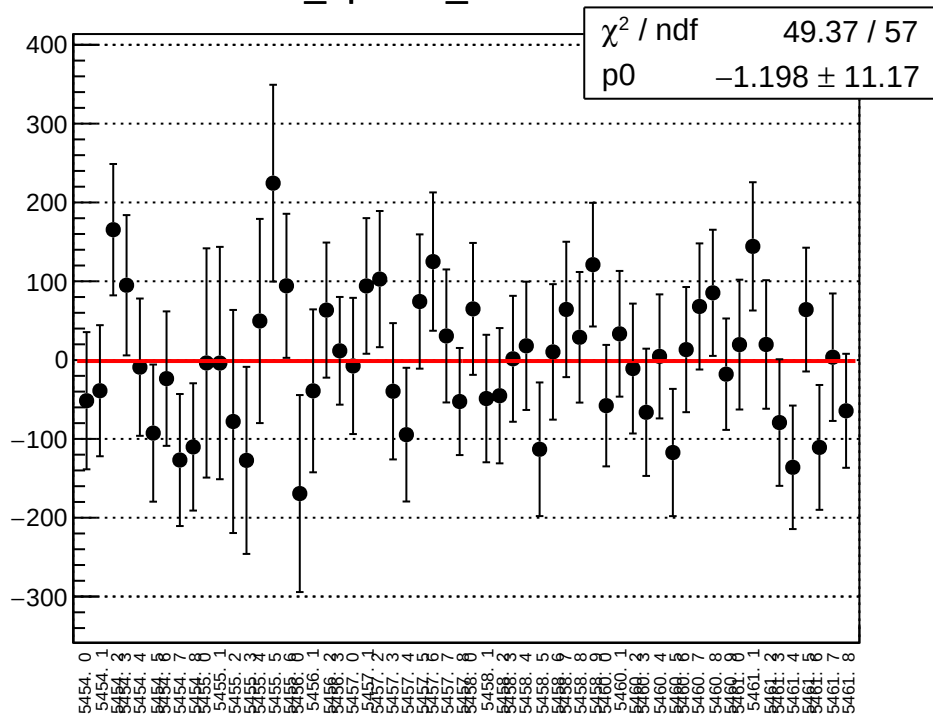
## diff\_bpm1X\_mean vs run



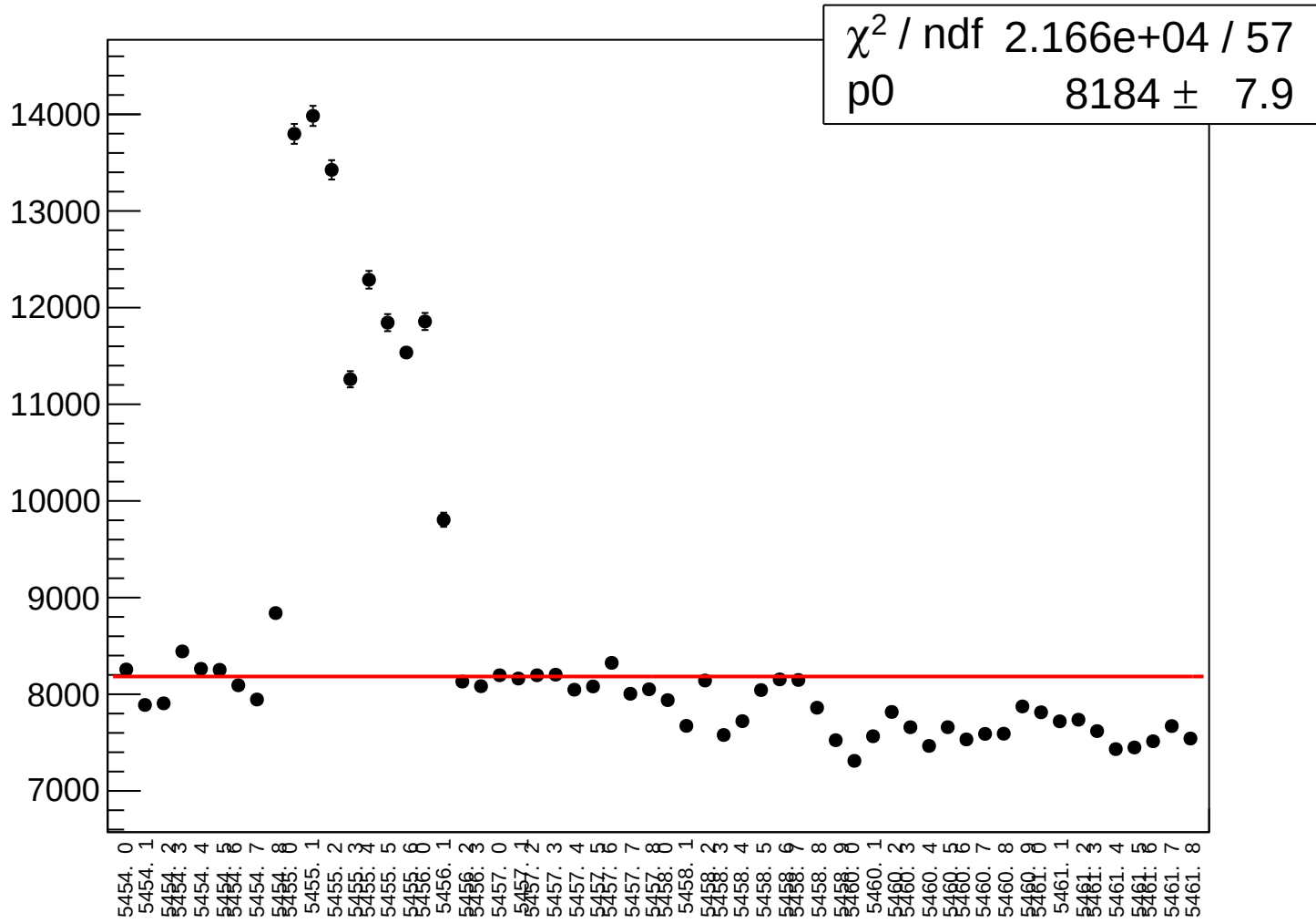
diff\_bpm1X\_rms vs run



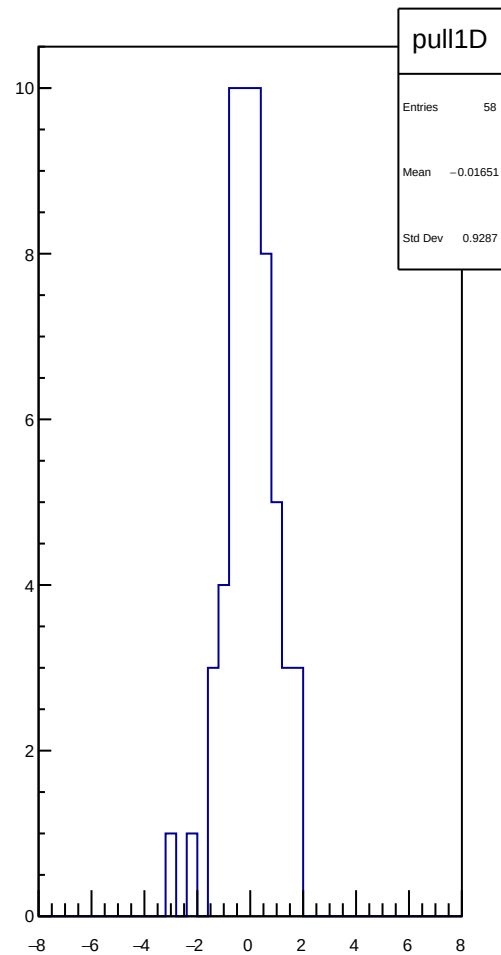
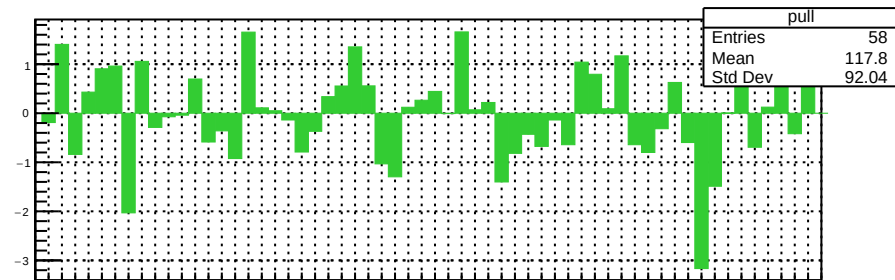
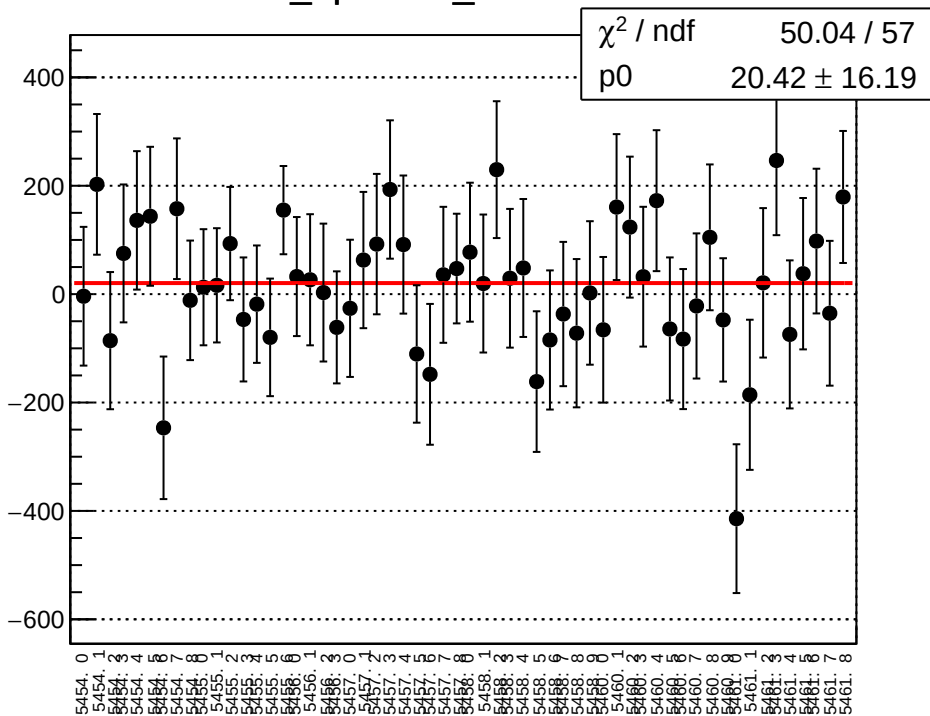
diff\_bpm1Y\_mean vs run



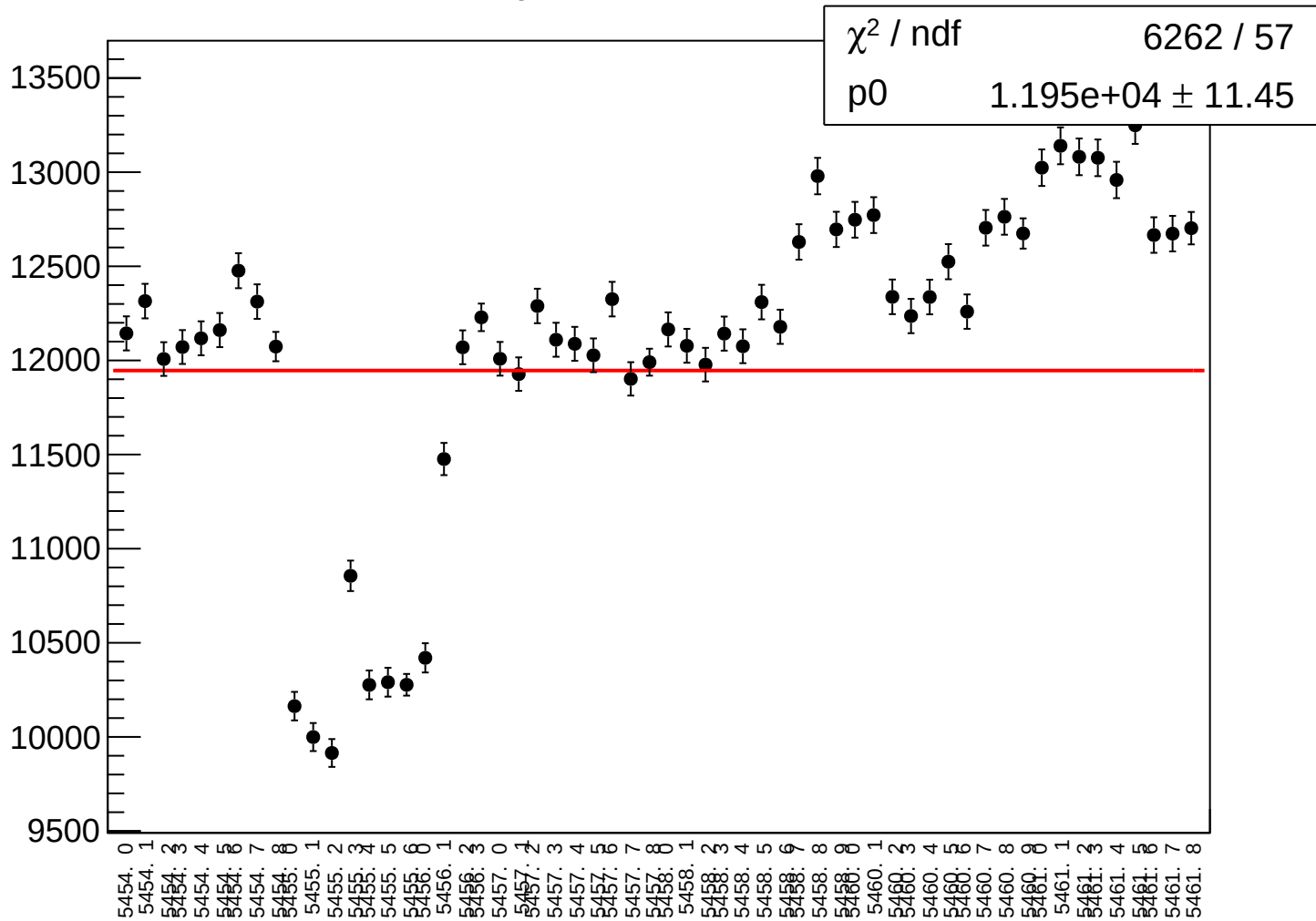
diff\_bpm1Y\_rms vs run



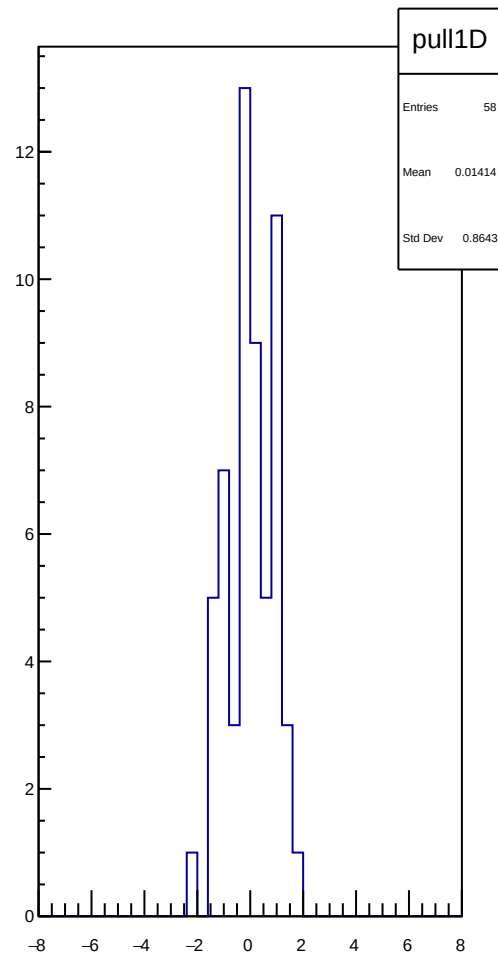
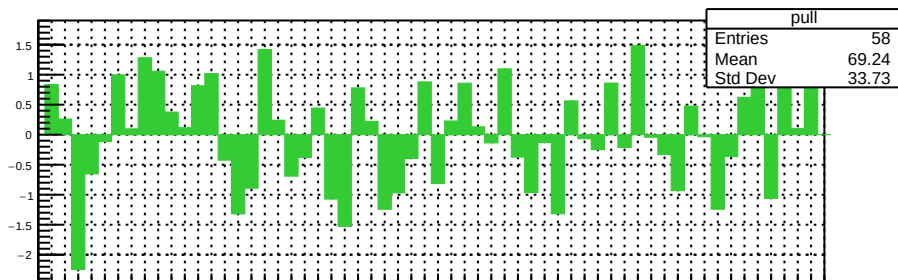
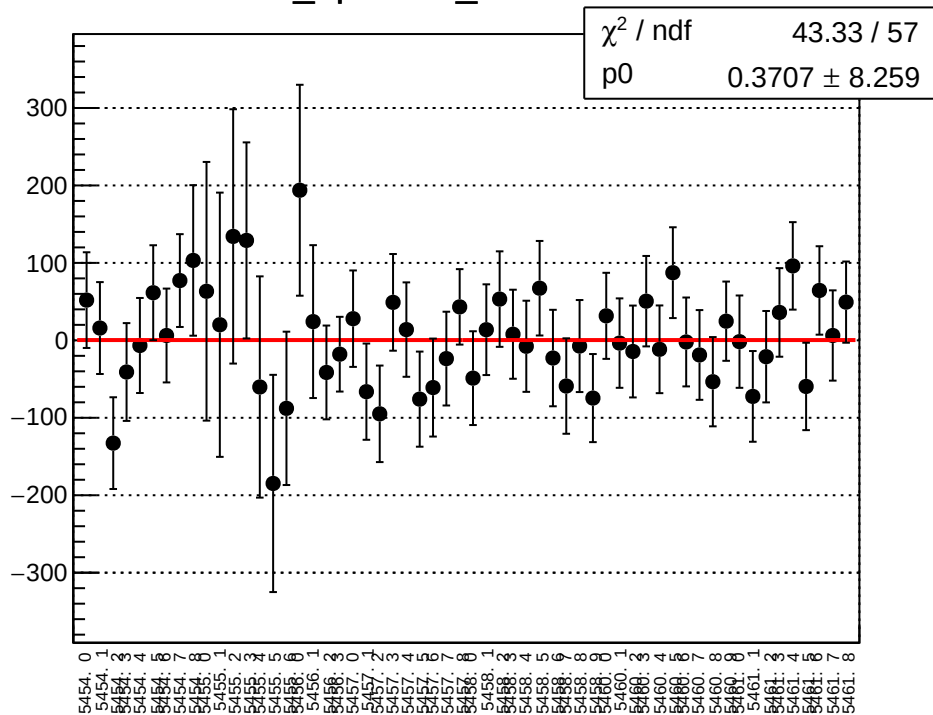
## diff\_bpm11X\_mean vs run



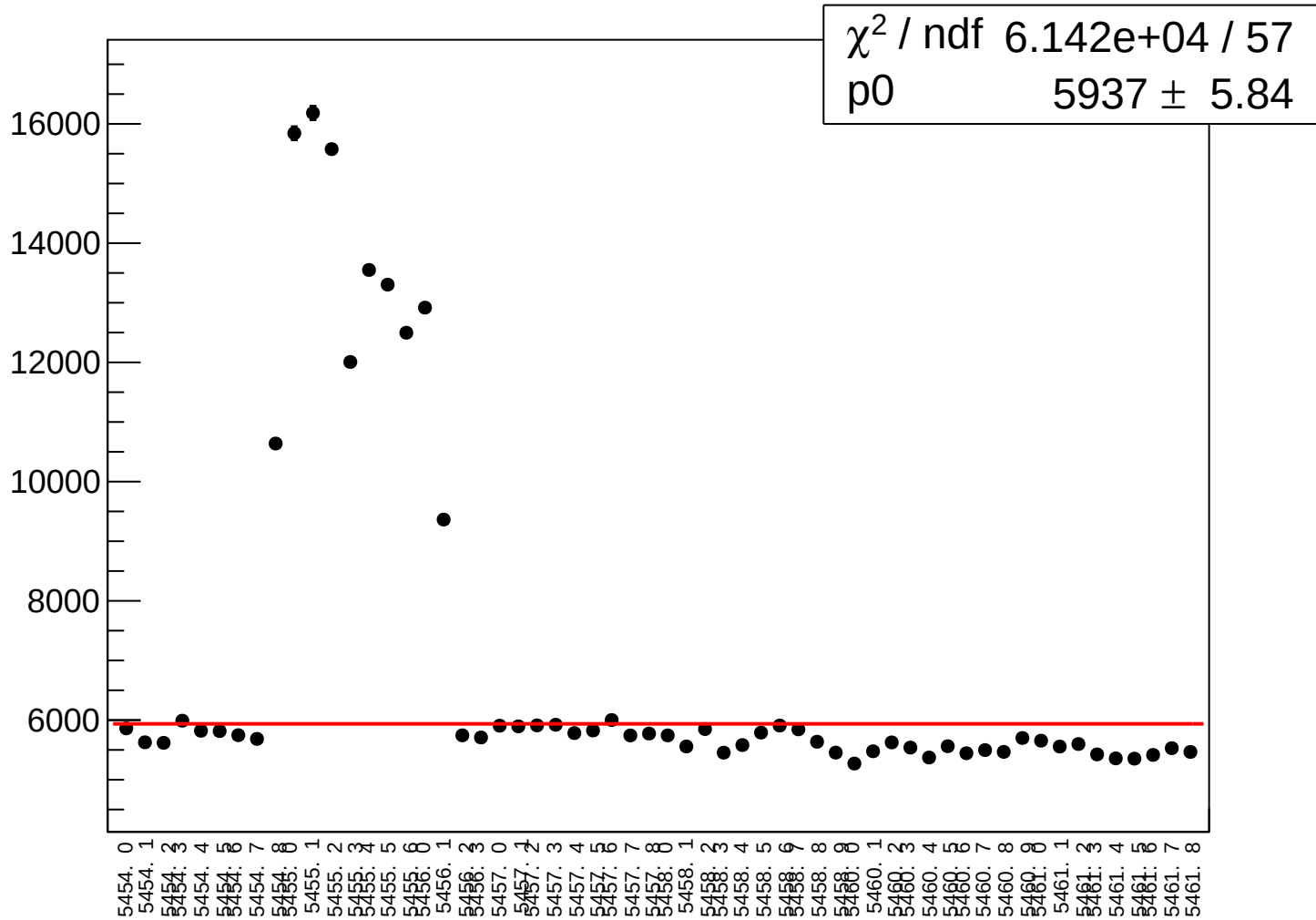
# diff\_bpm11X\_rms vs run



## diff\_bpm11Y\_mean vs run

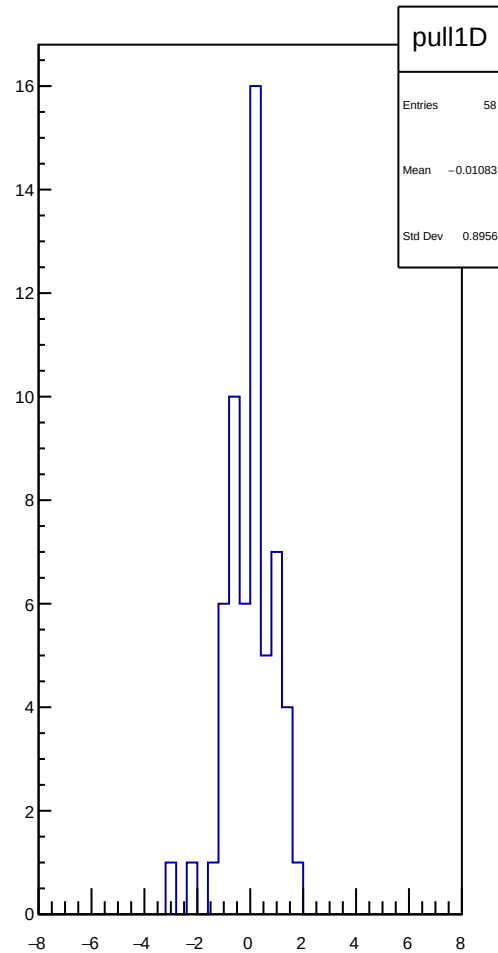
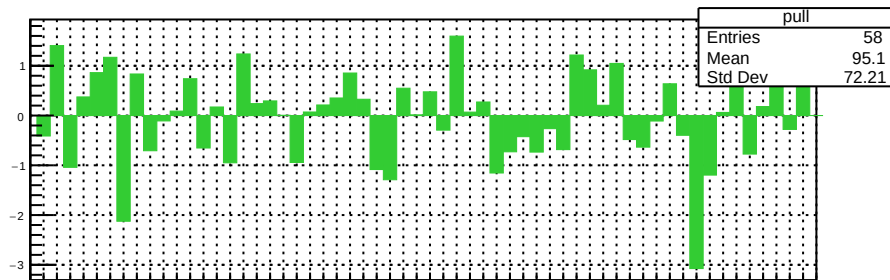
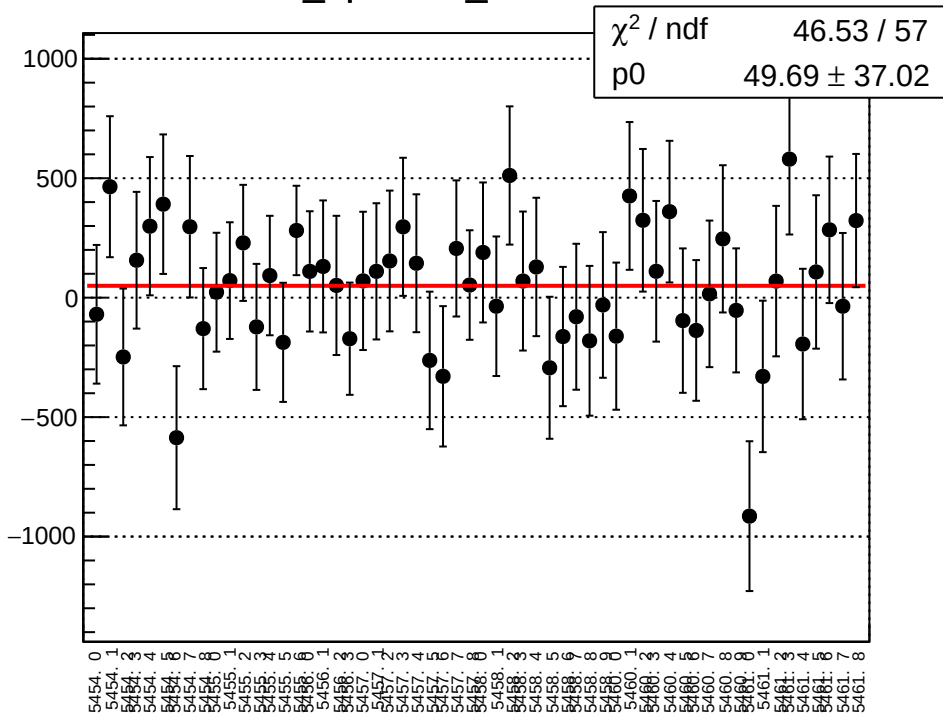


# diff\_bpm11Y\_rms vs run

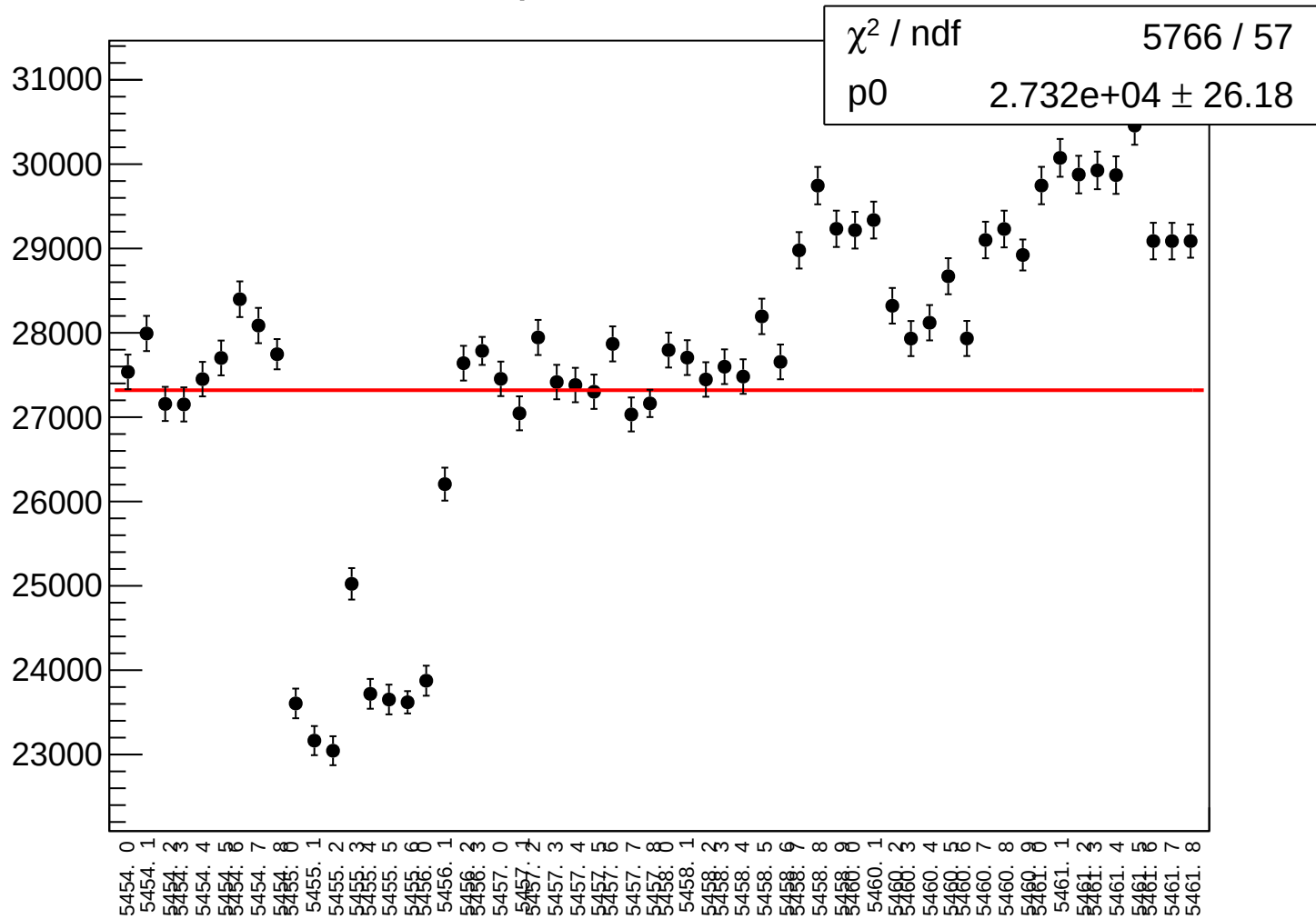




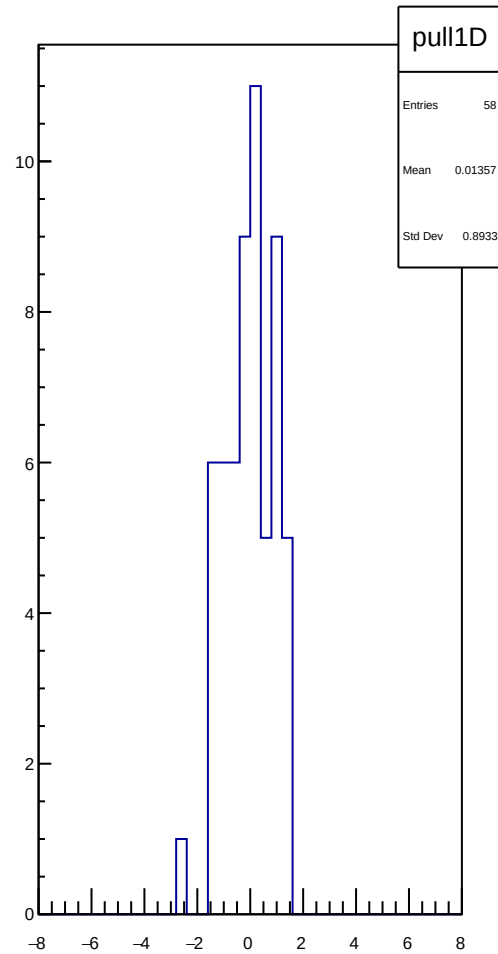
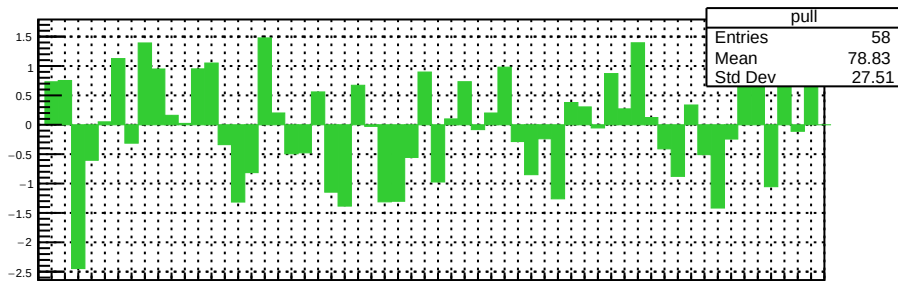
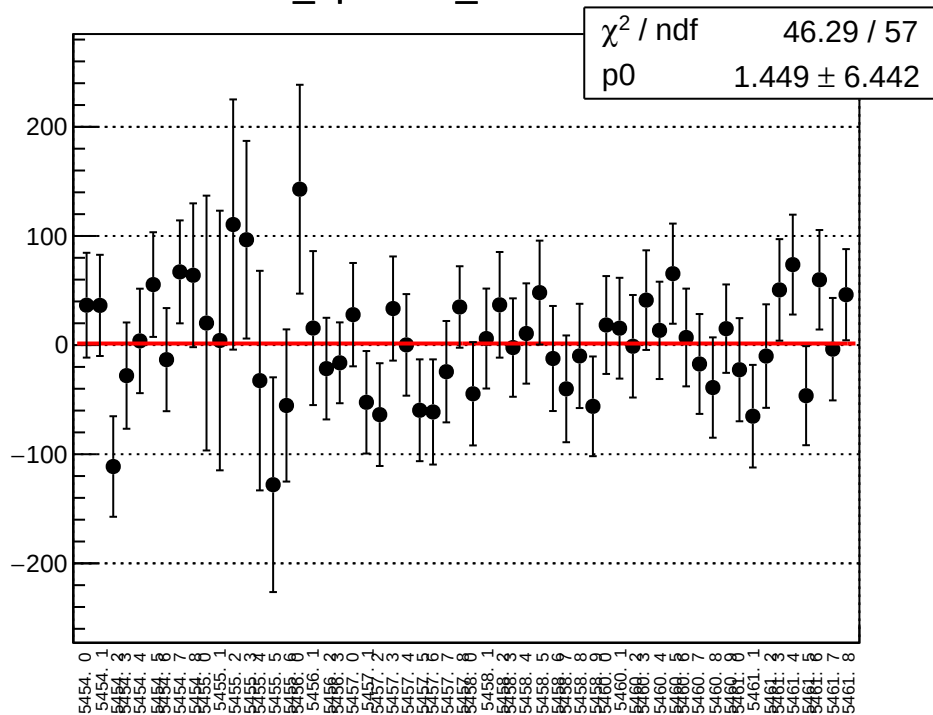
# diff\_bpm12X\_mean vs un



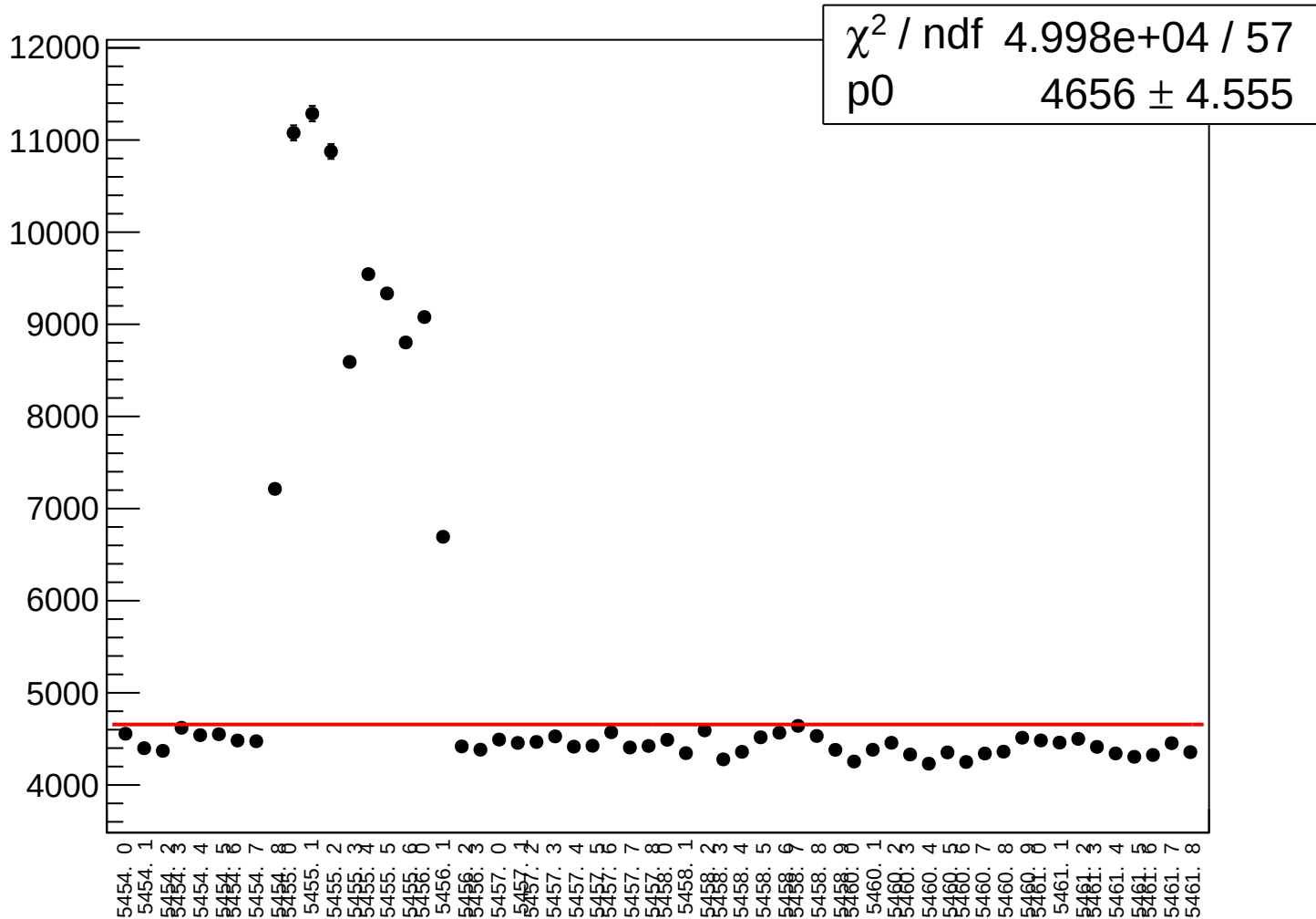
# diff\_bpm12X\_rms vs run



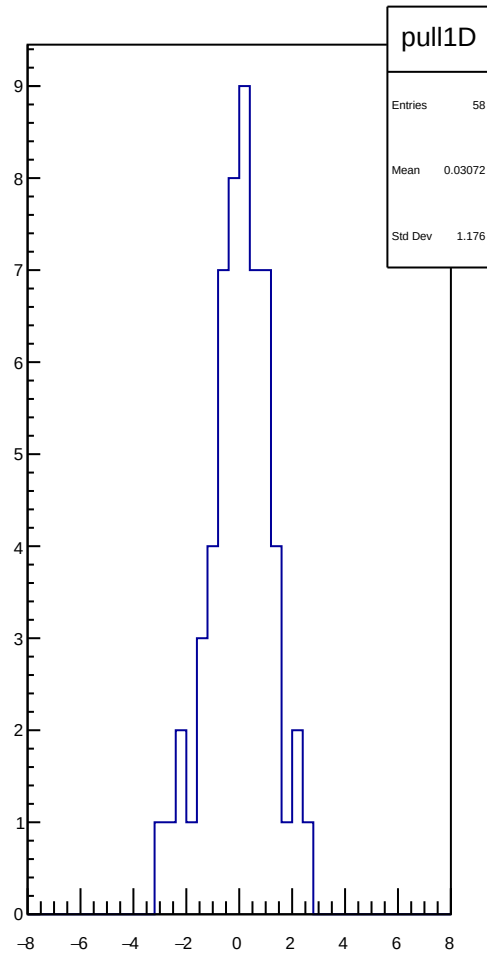
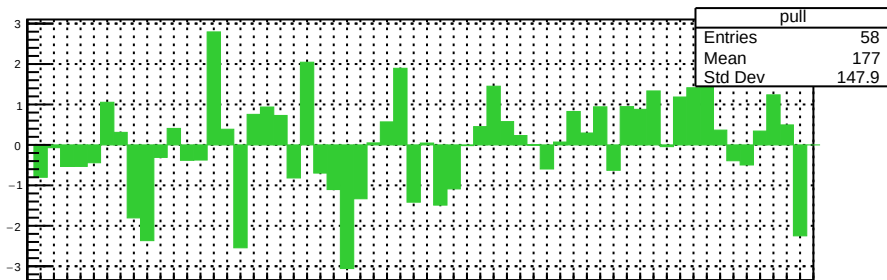
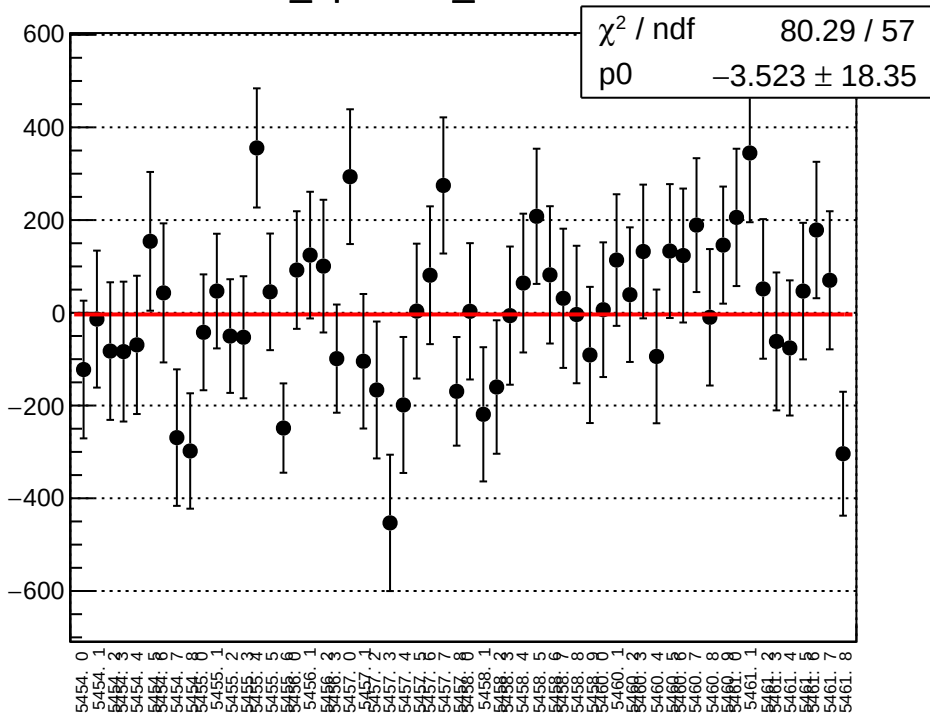
diff\_bpm12Y\_mean vs un



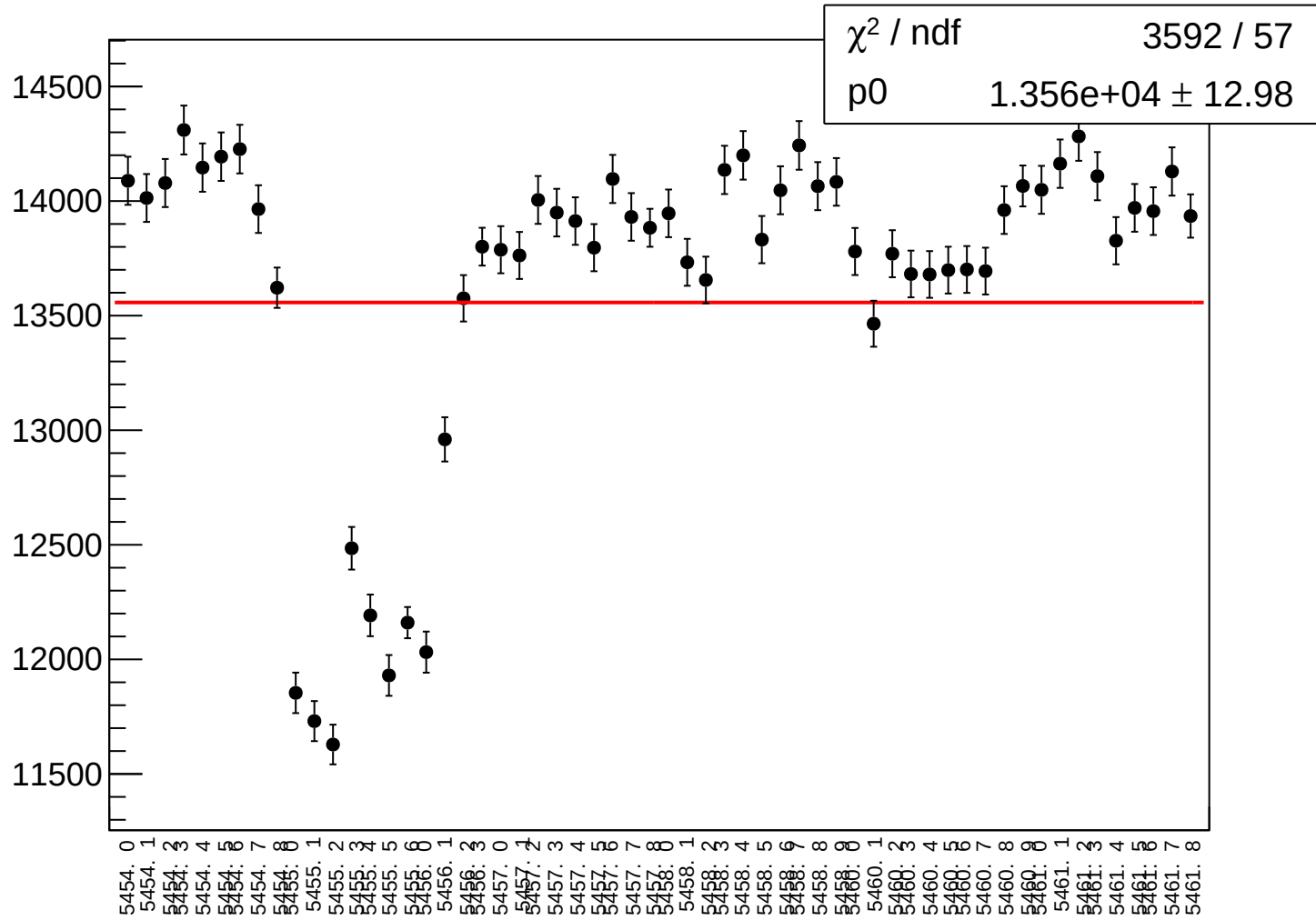
diff\_bpm12Y\_rms vs run



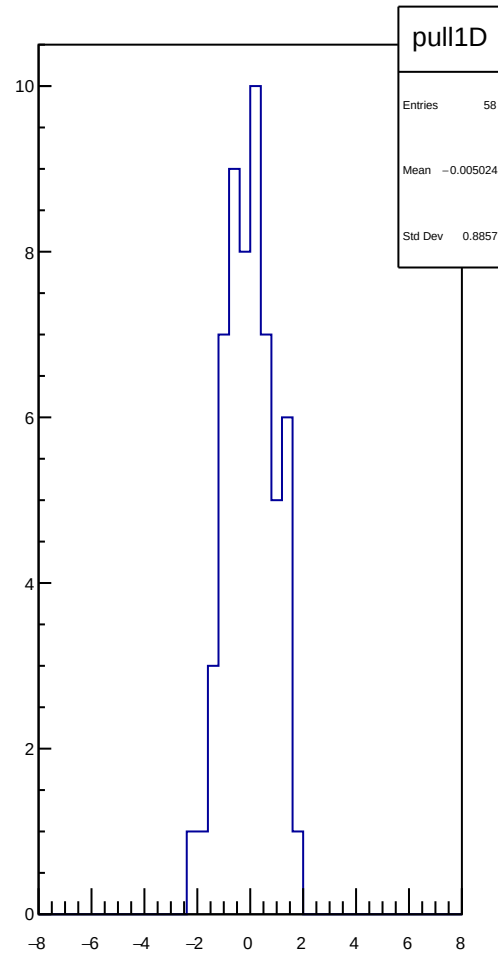
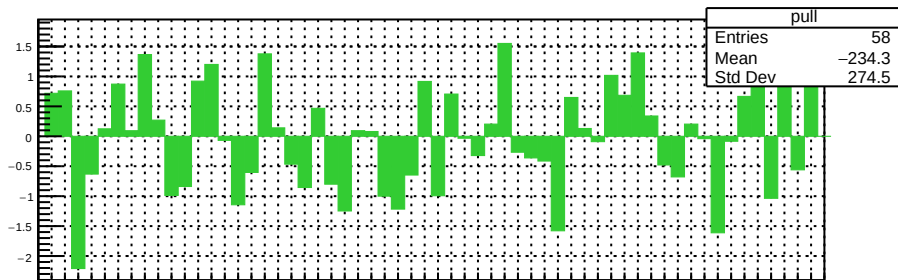
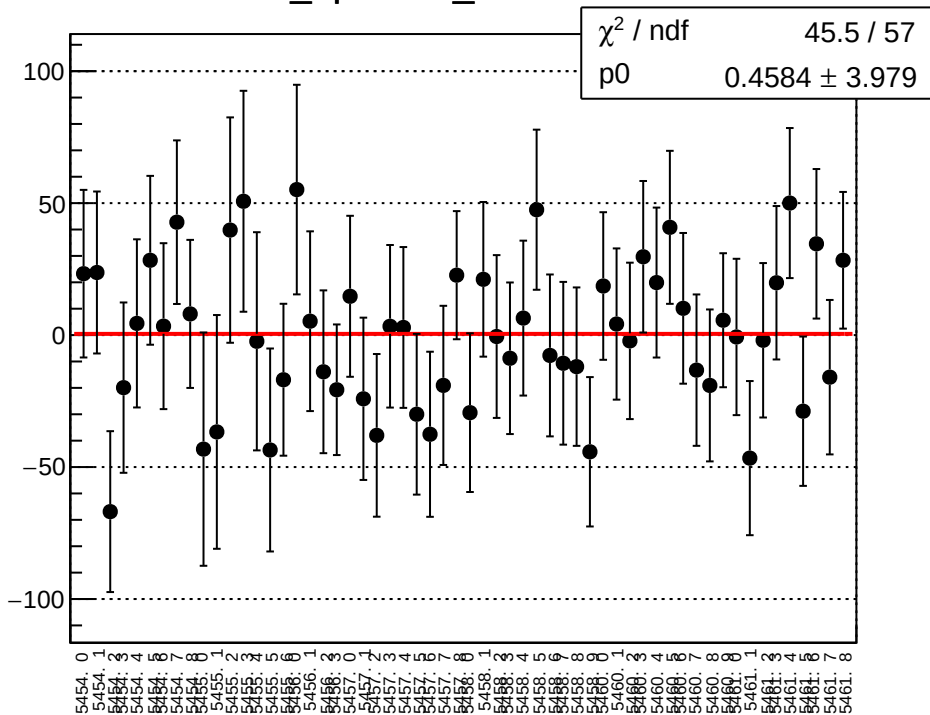
diff\_bpm16X\_mean vs run



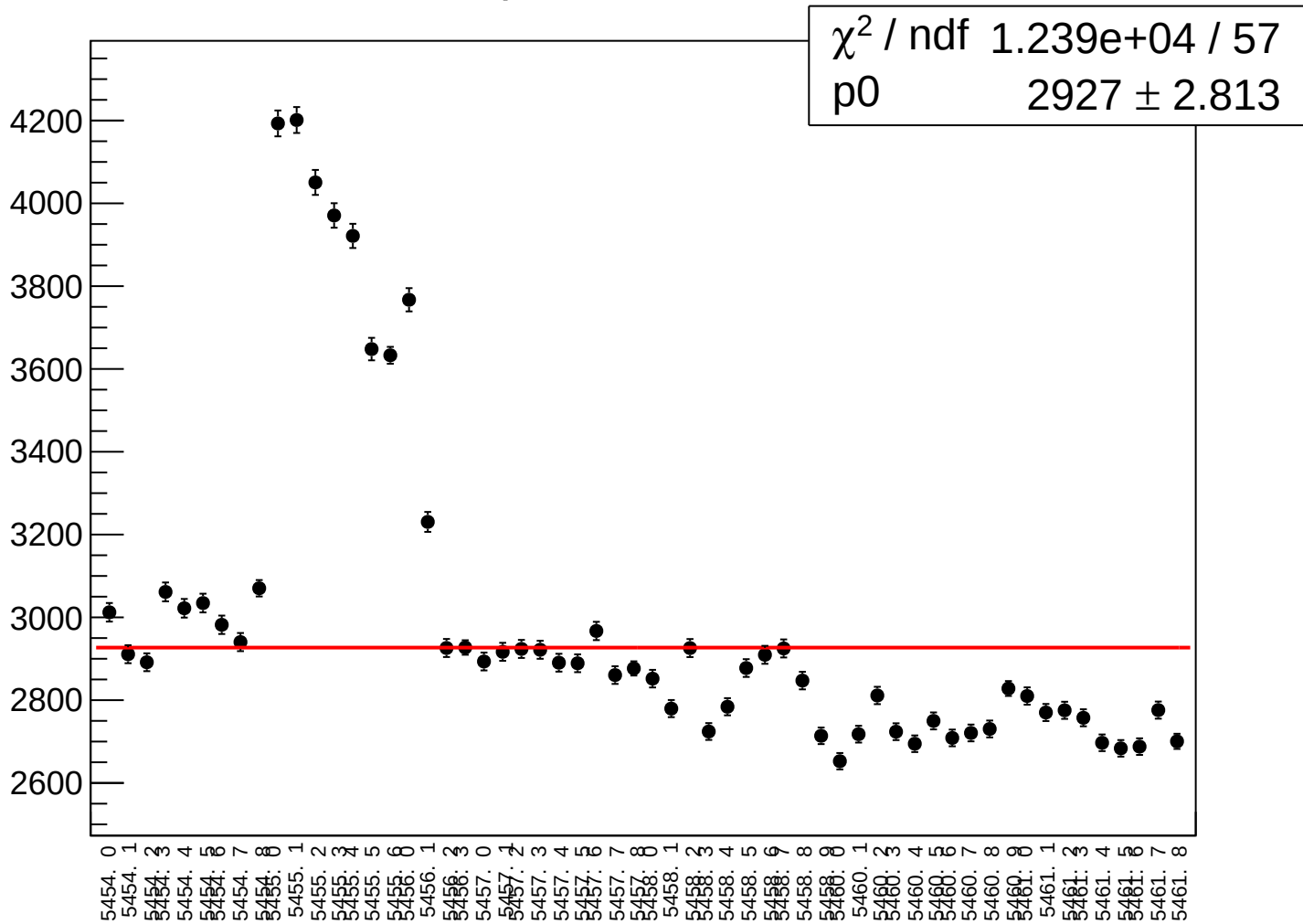
# diff\_bpm16X\_rms vs run



diff\_bpm16Y\_mean vs run

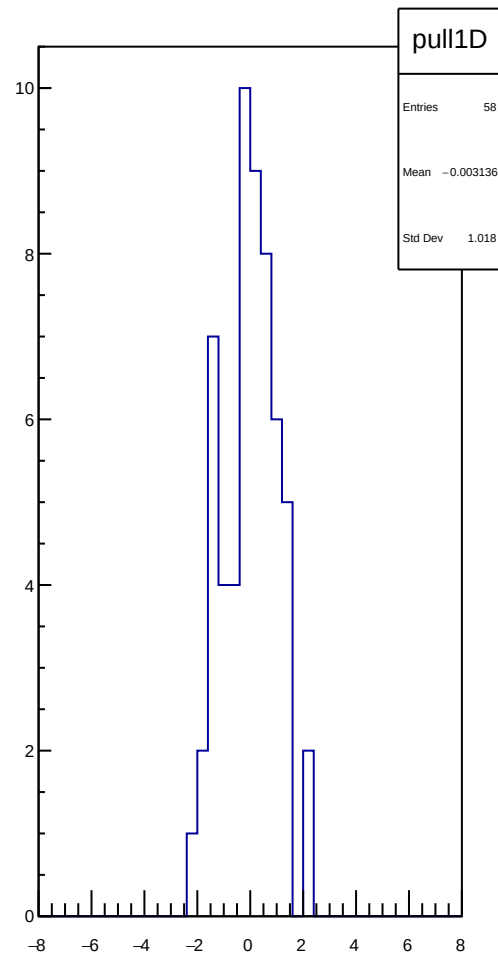
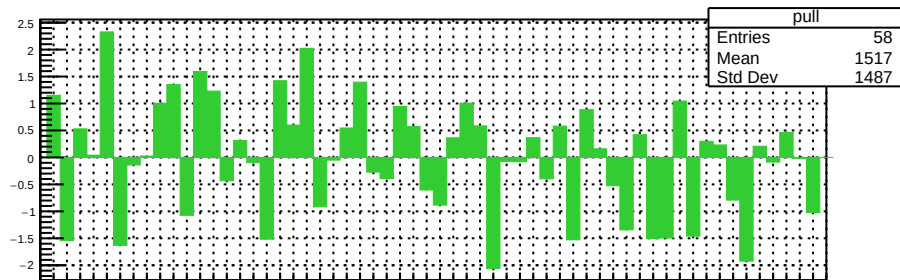
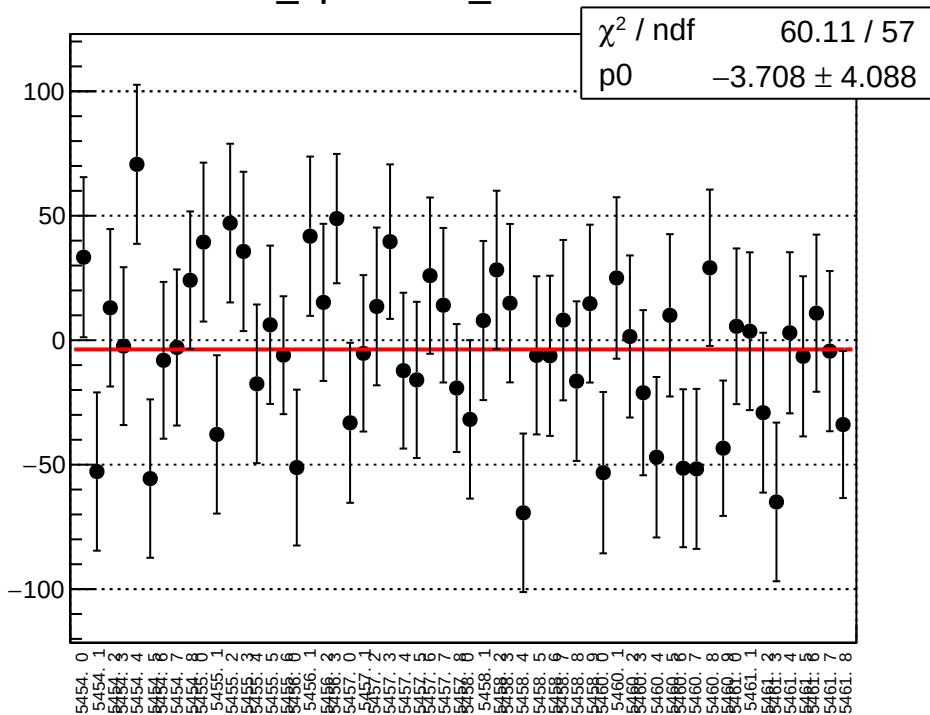


# diff\_bpm16Y\_rms vs run

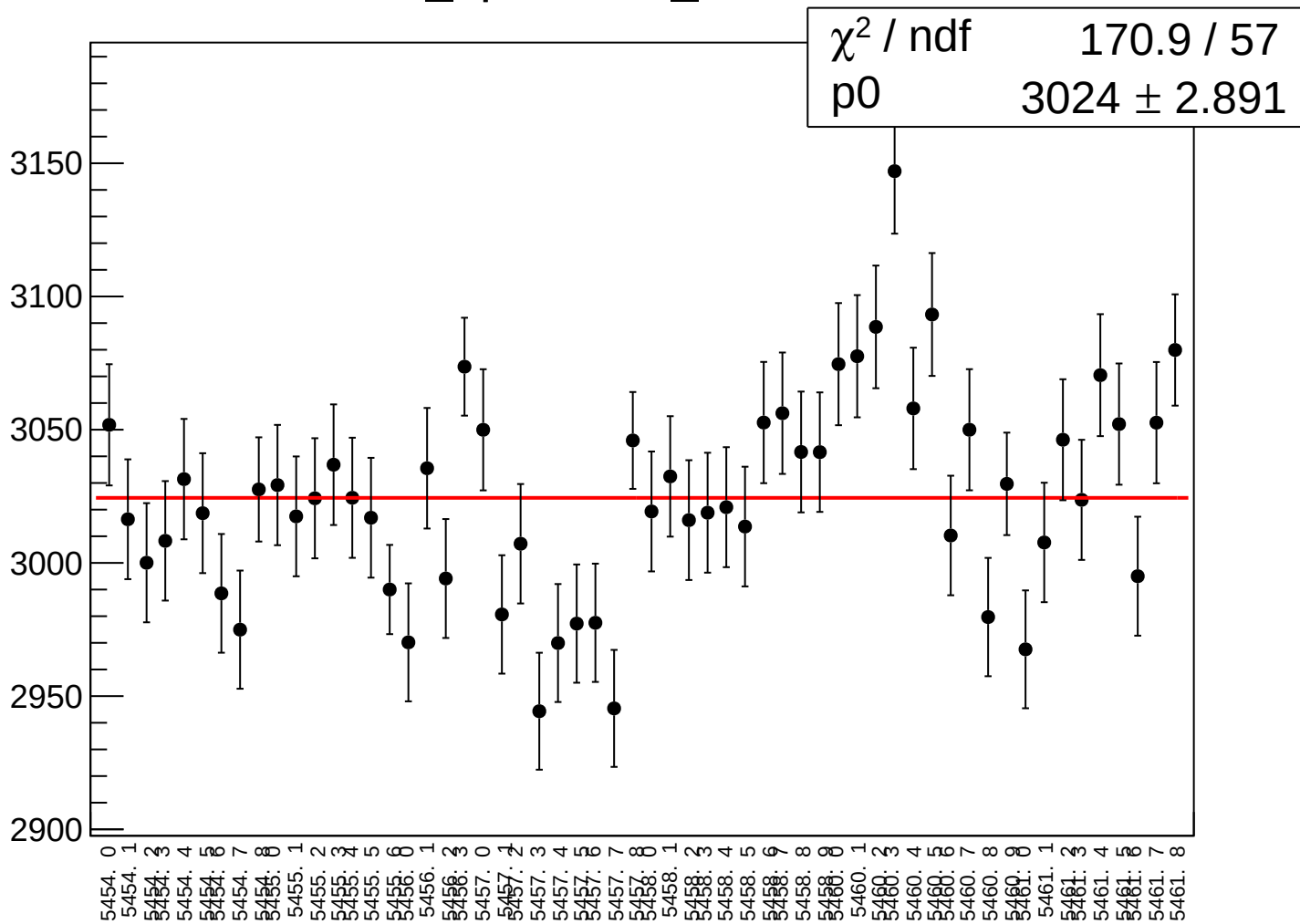




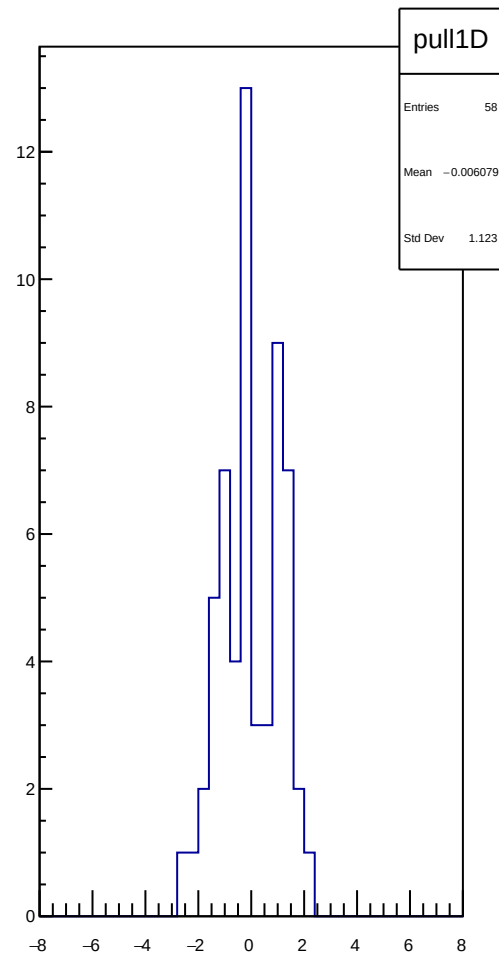
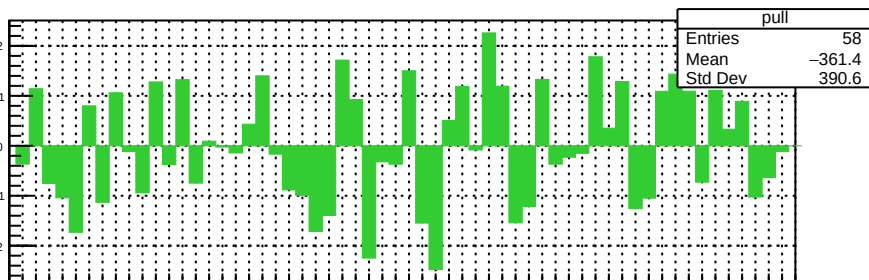
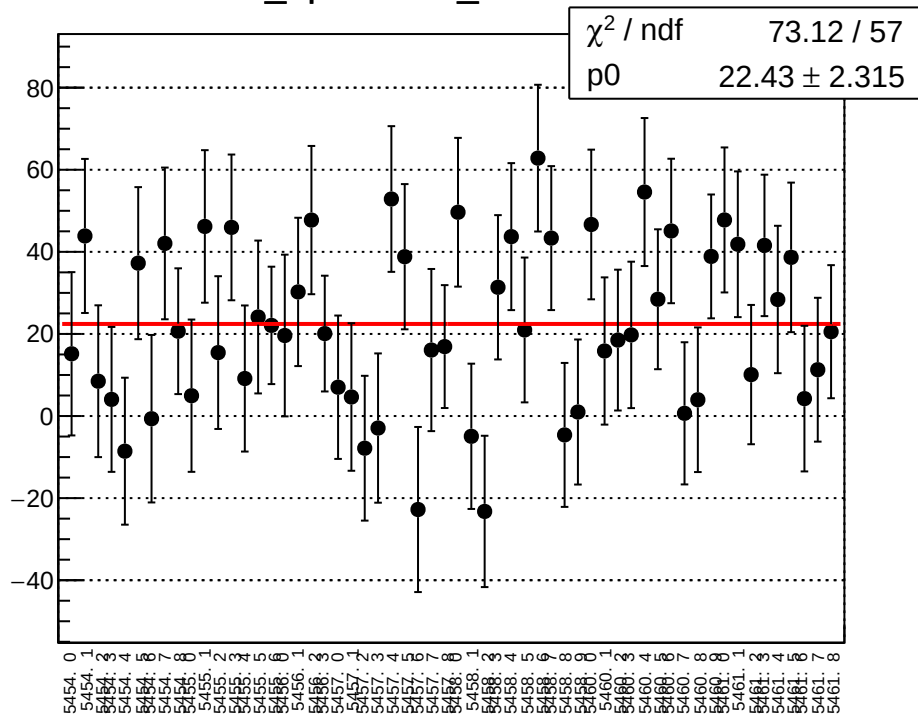
# diff\_bpm0I01X\_mean vs run



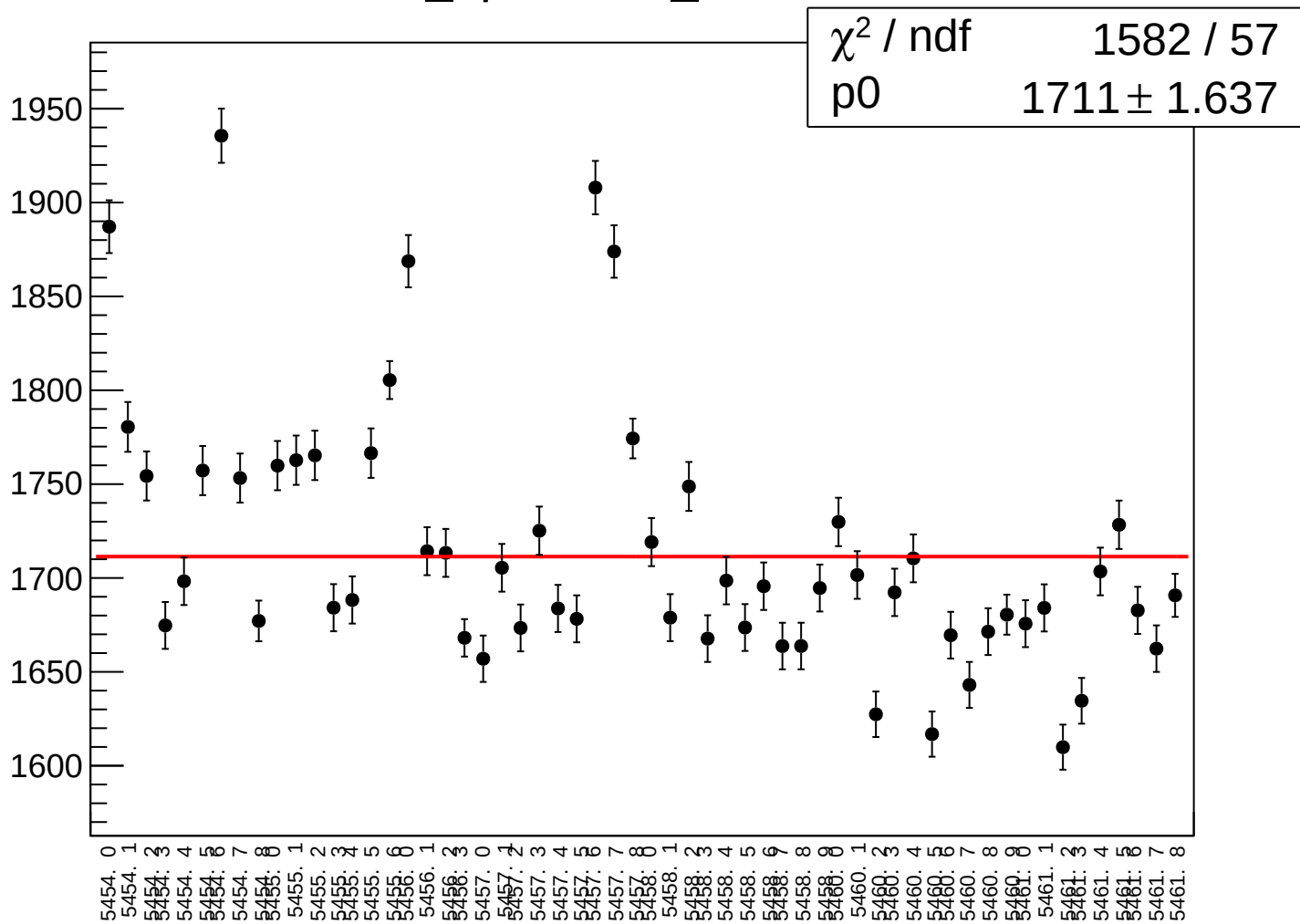
diff\_bpm0l01X\_rms vs run



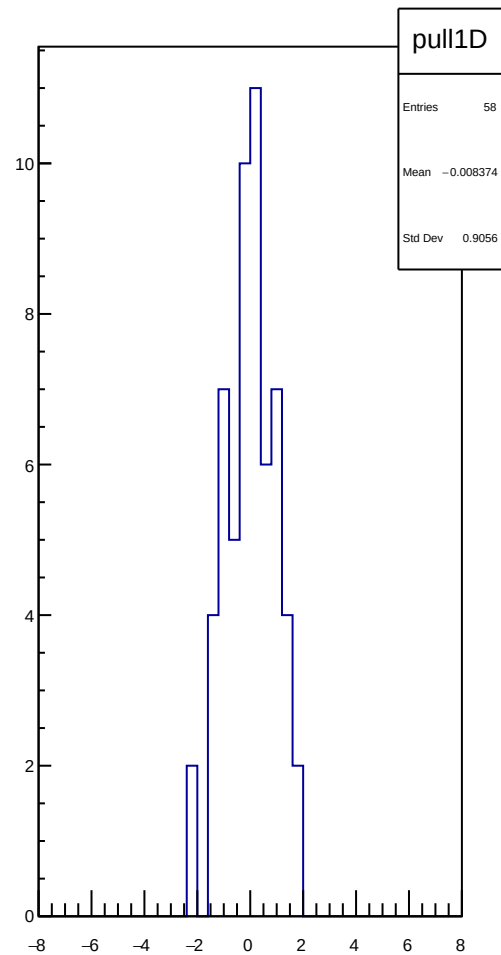
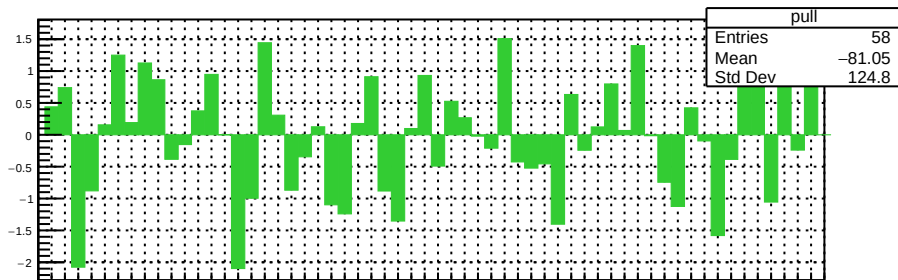
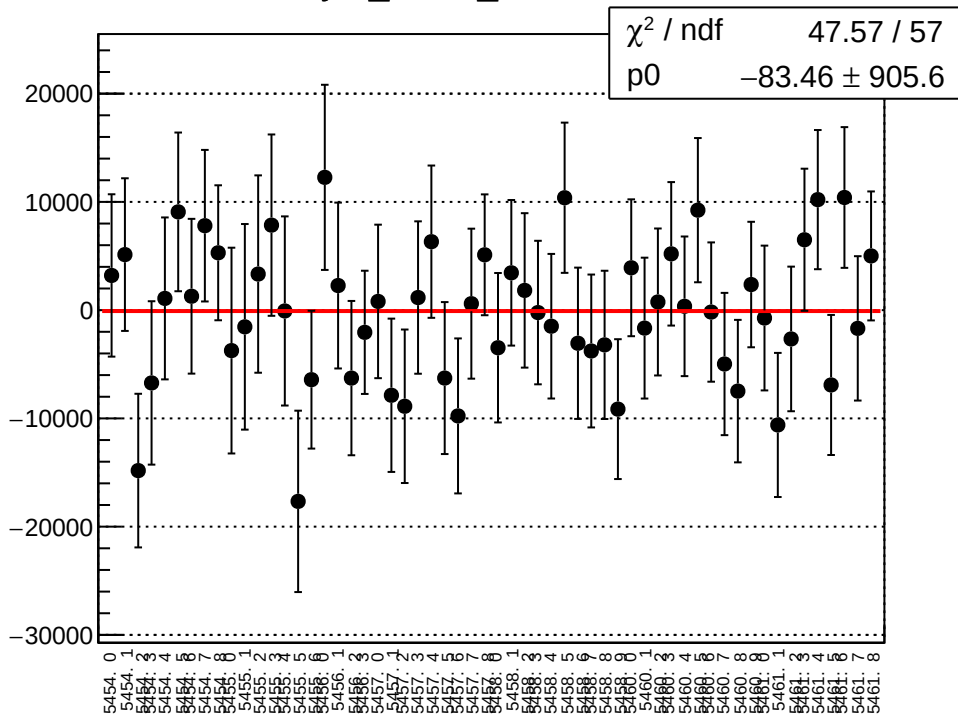
diff\_bpm0l01Y\_mean vs run



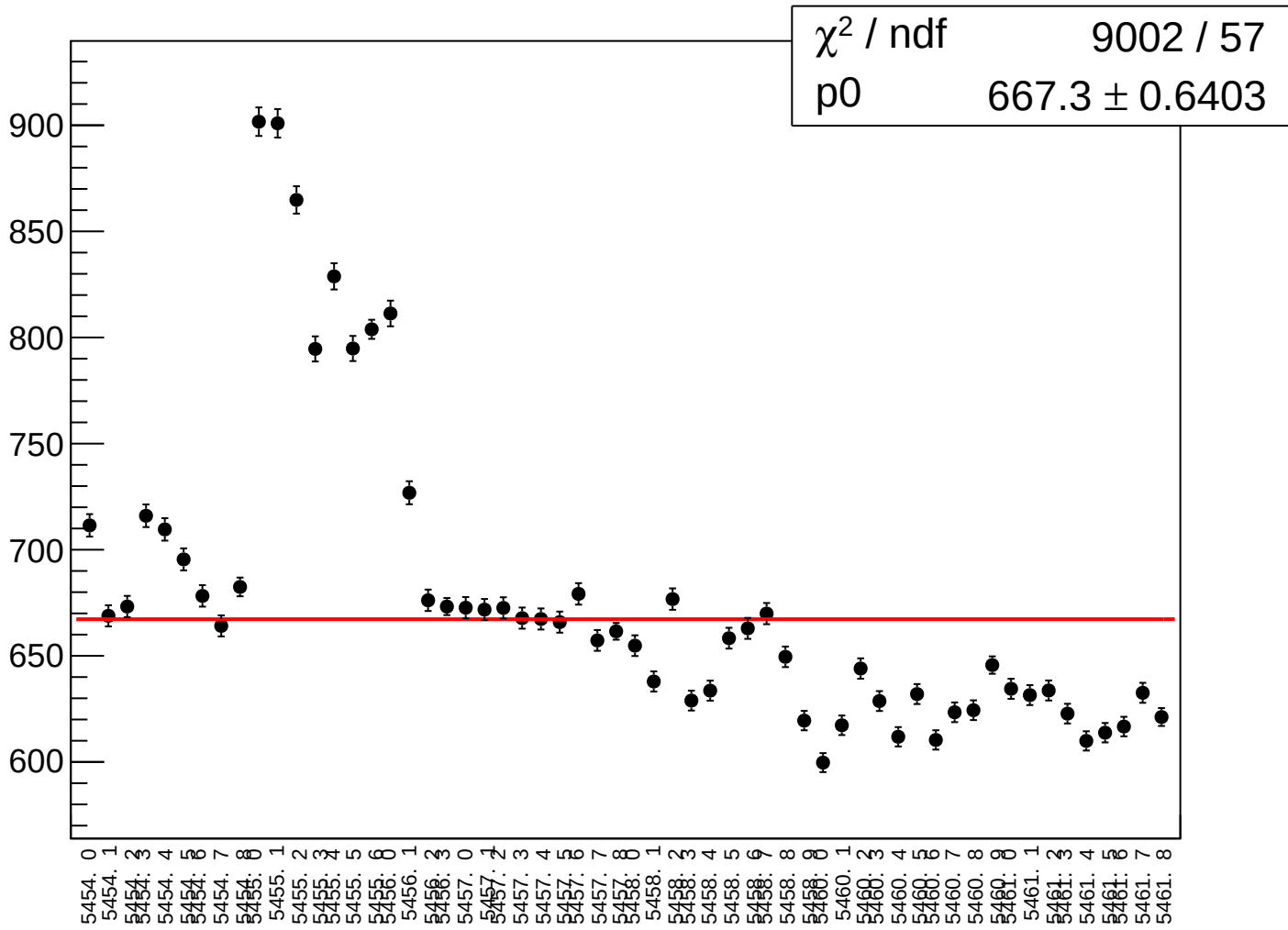
diff\_bpm0l01Y\_rms vs run



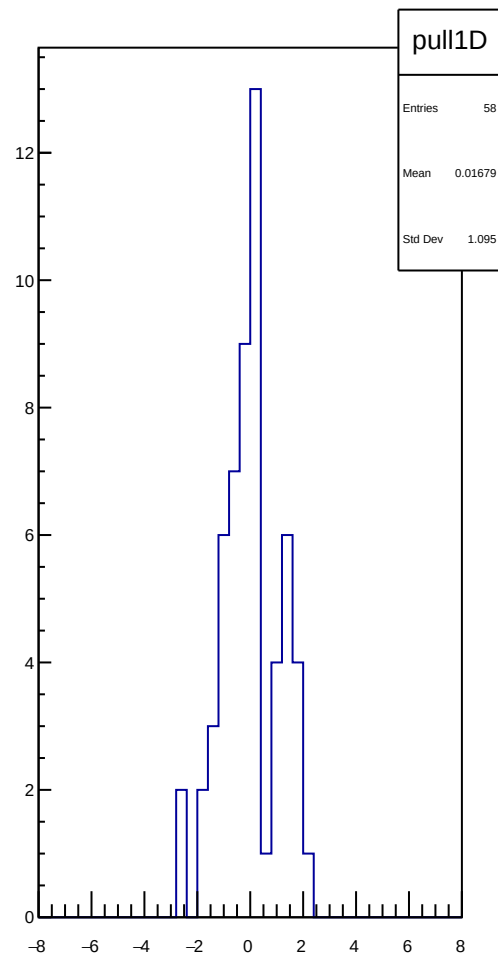
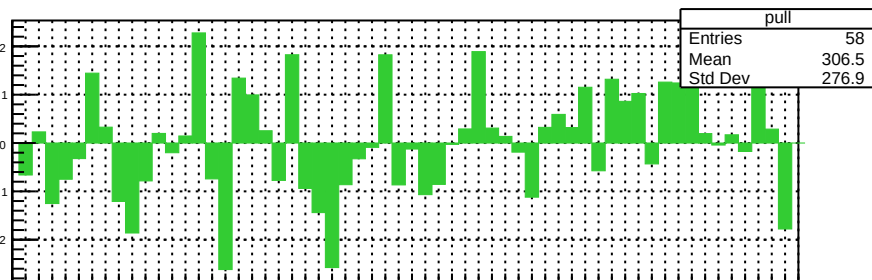
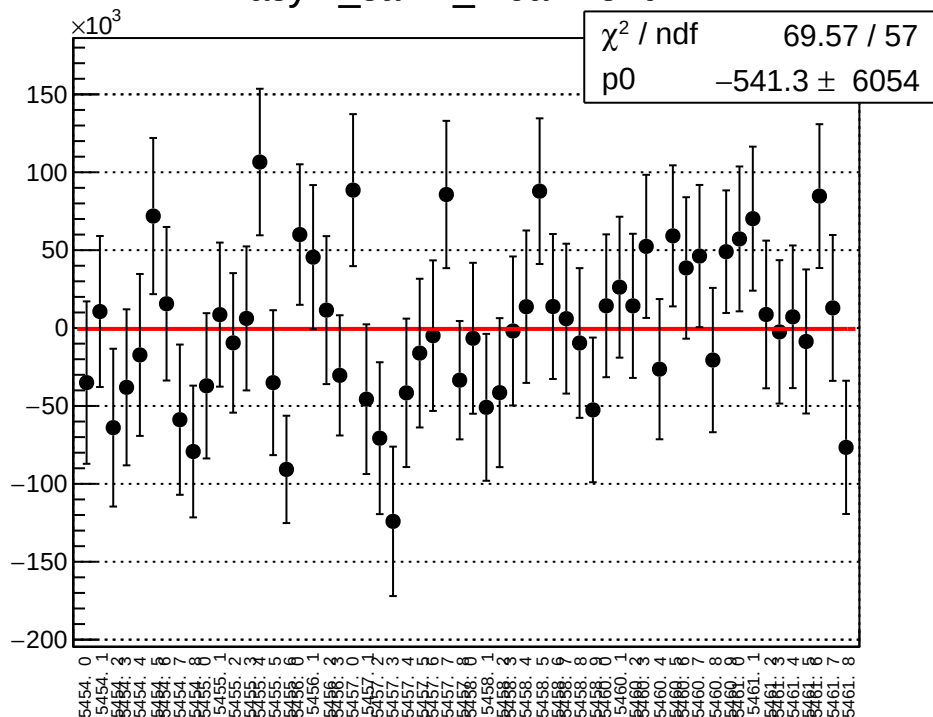
asym\_sam1\_mean vs run



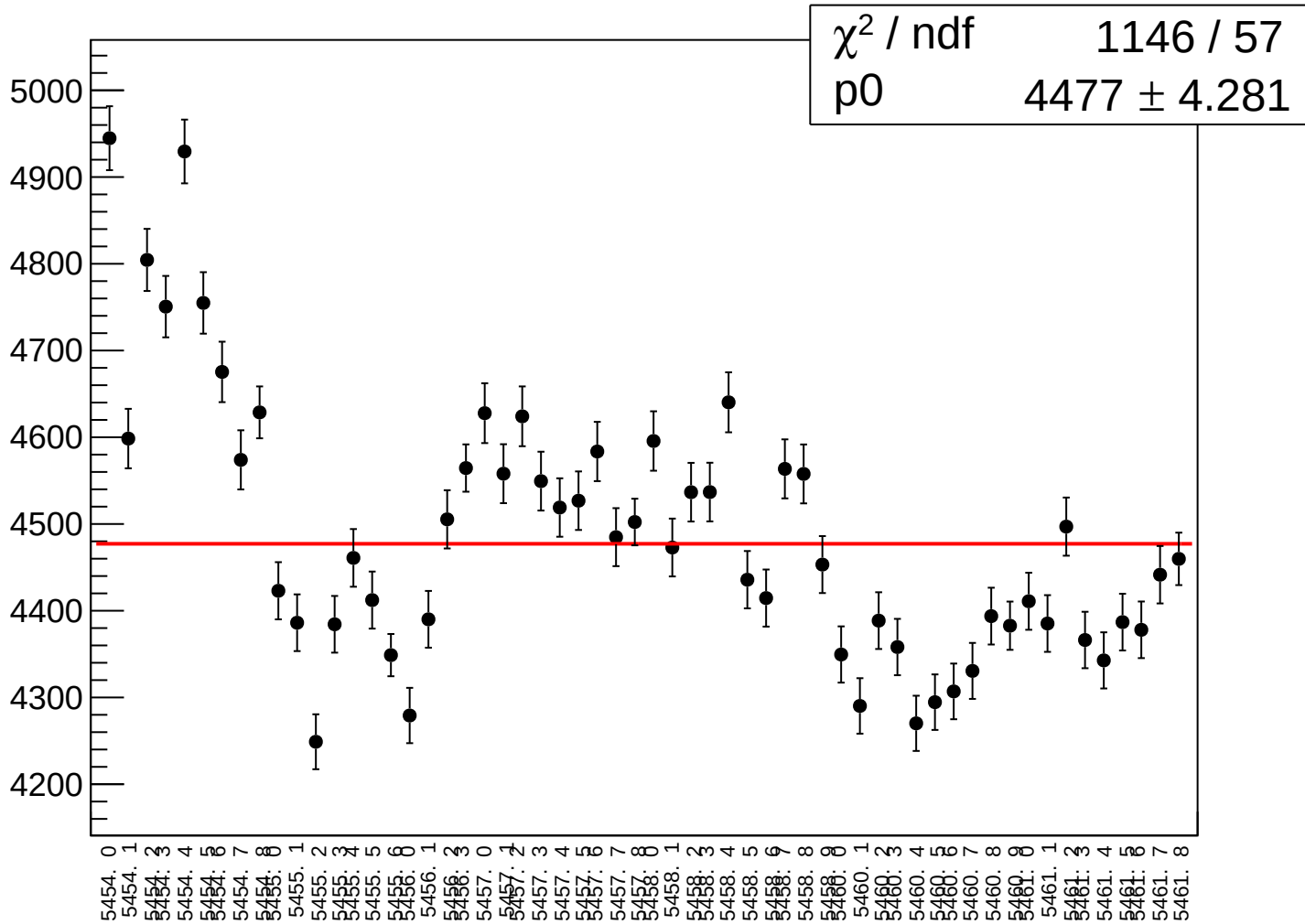
# asym\_sam1\_rms vs run



asym\_sam2\_mean vs run

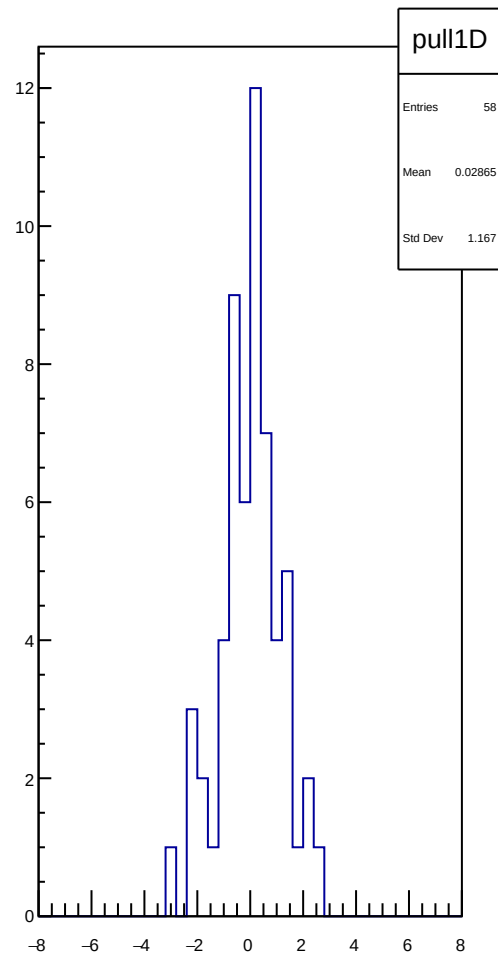
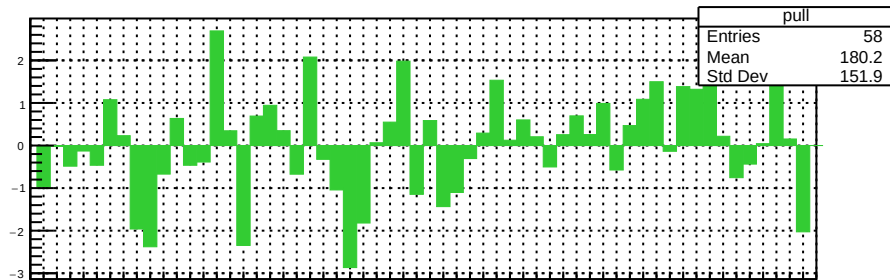
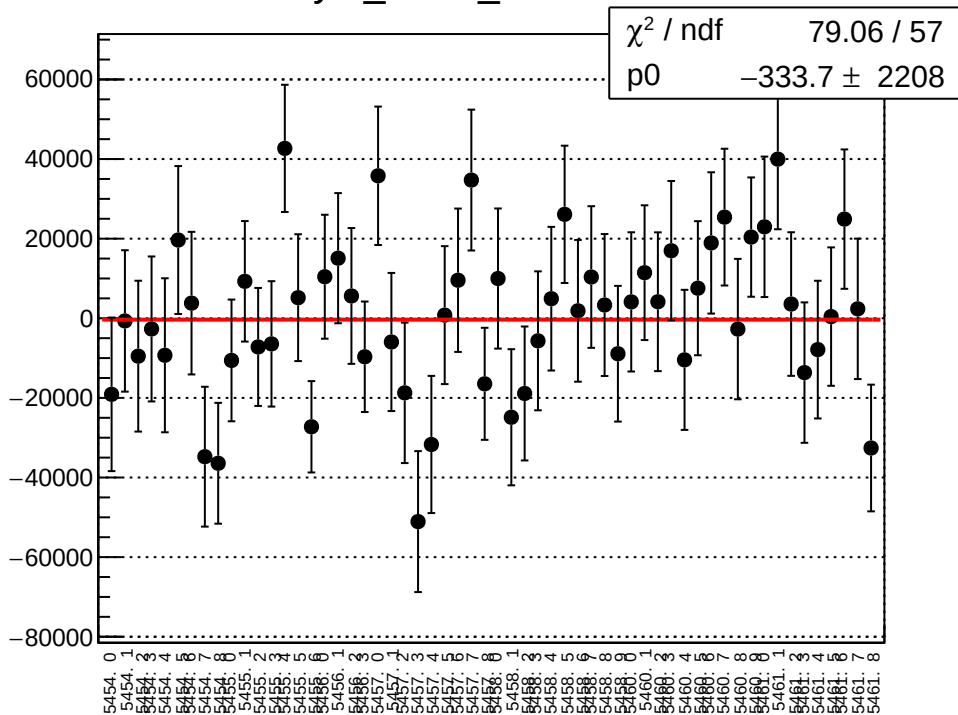


# asym\_sam2\_rms vs run

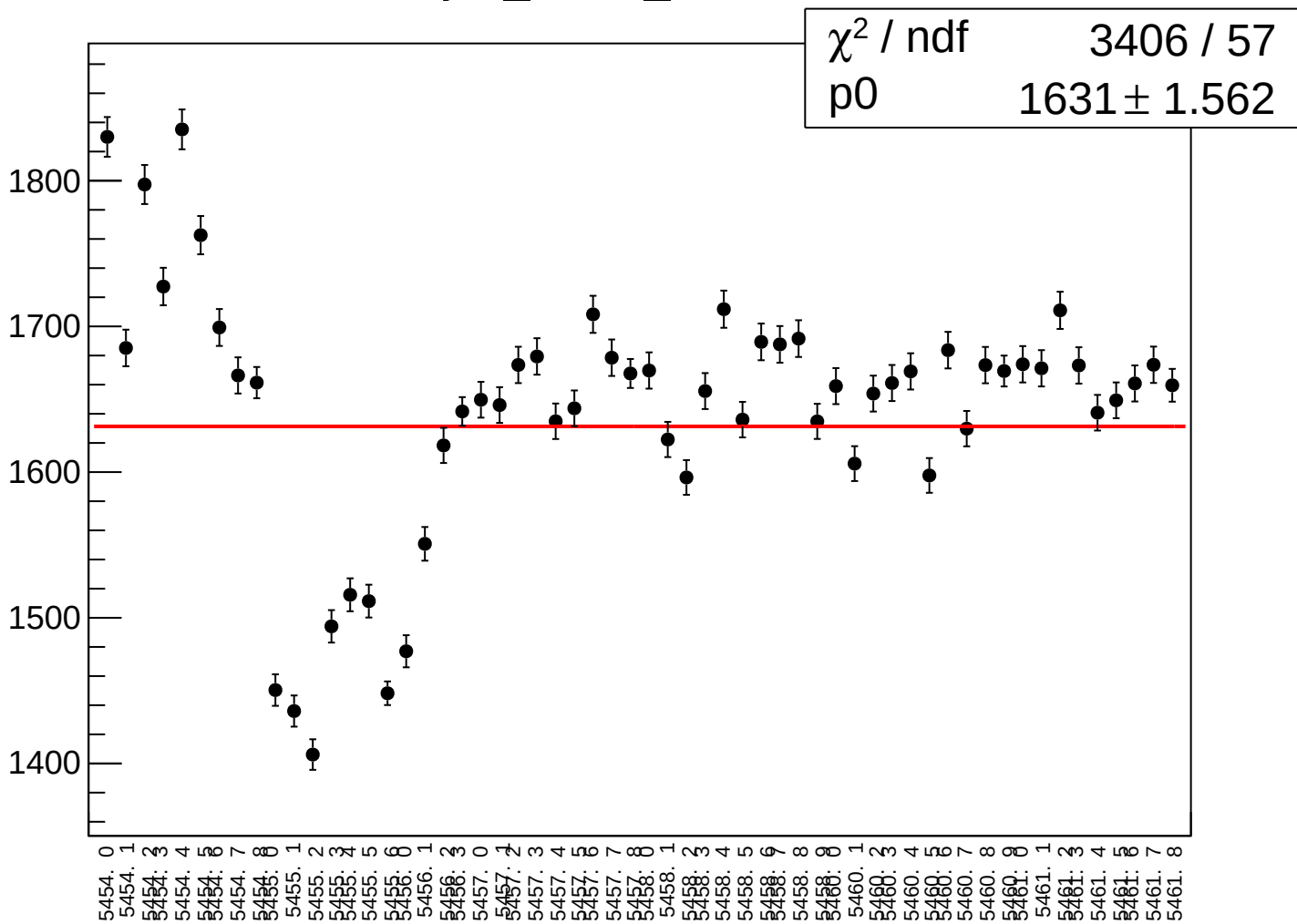




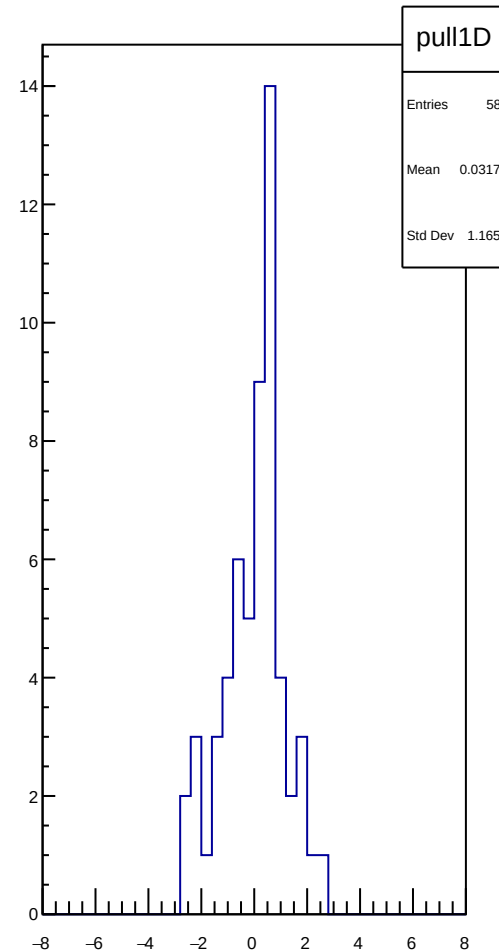
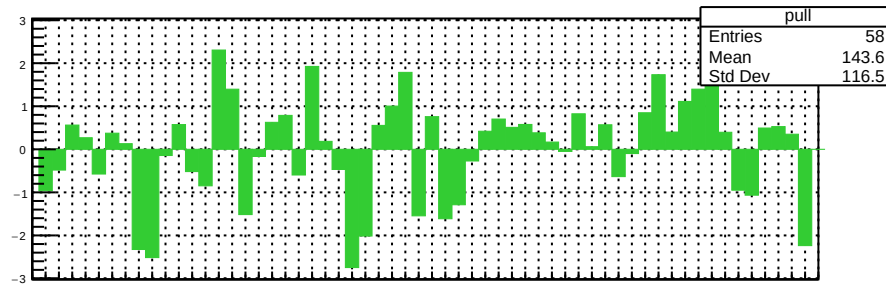
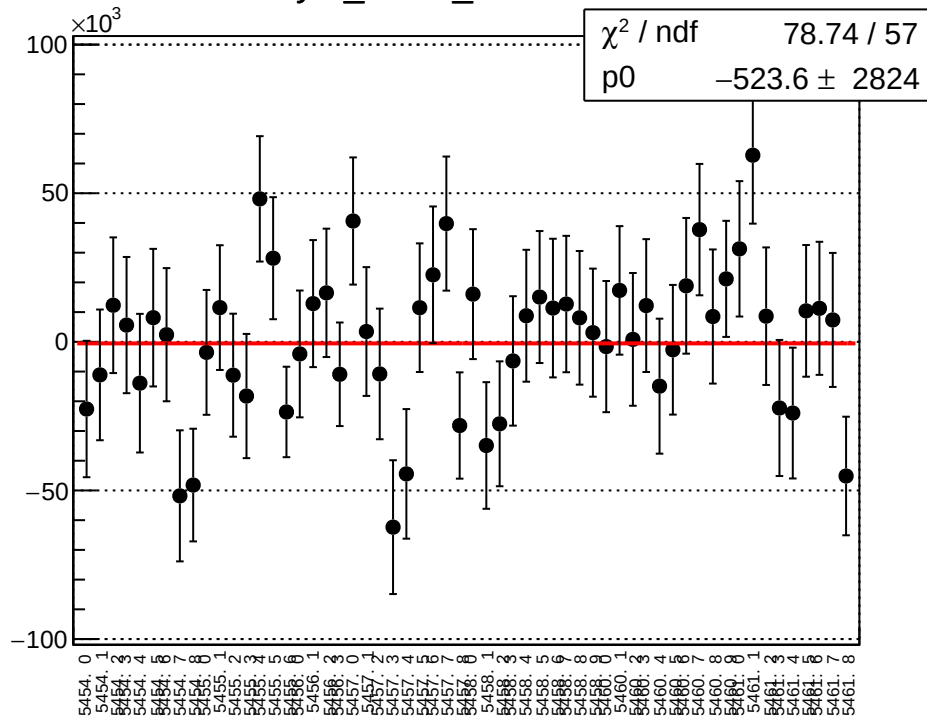
asym\_sam3\_mean vs run



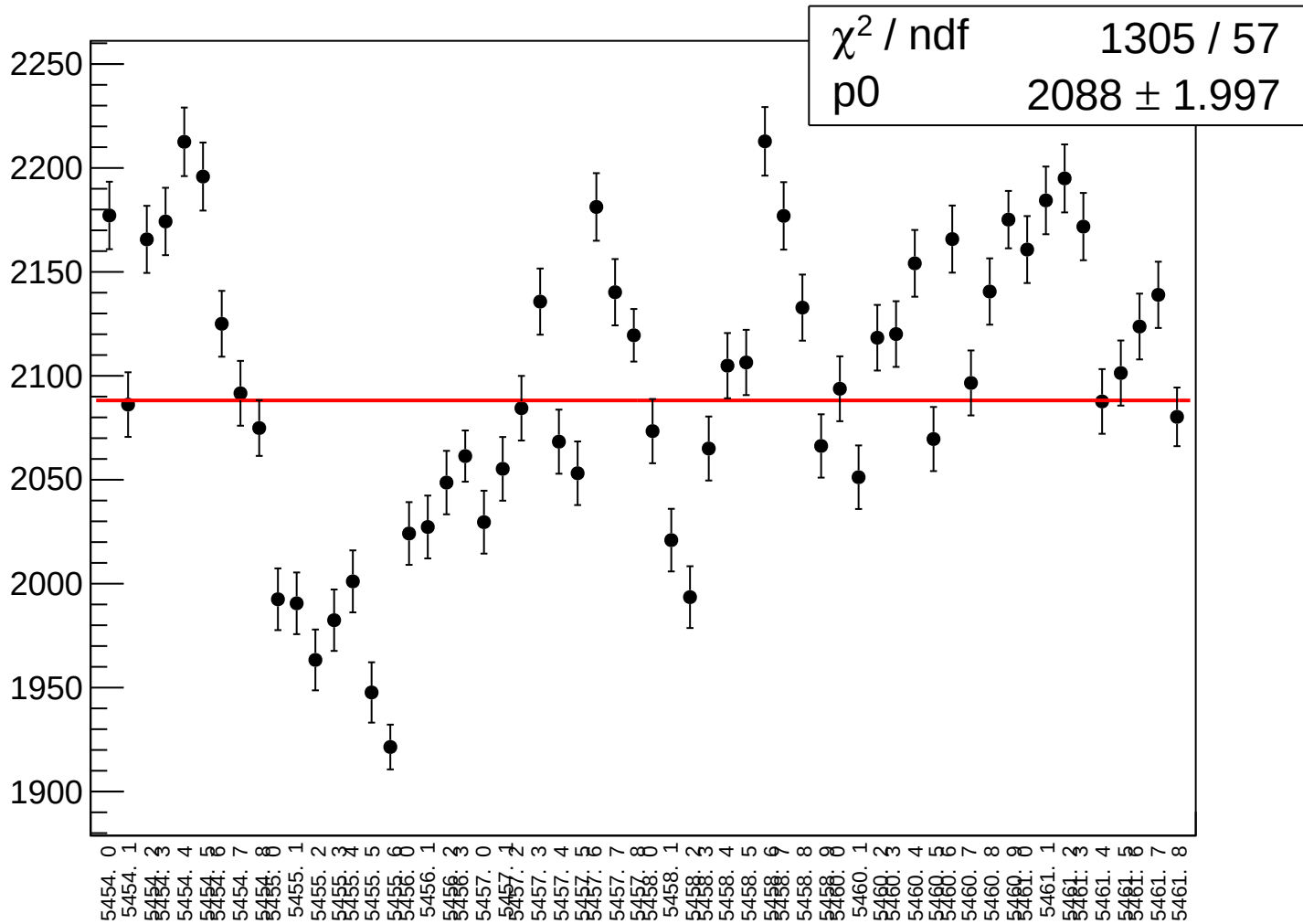
asym\_sam3\_rms vs run



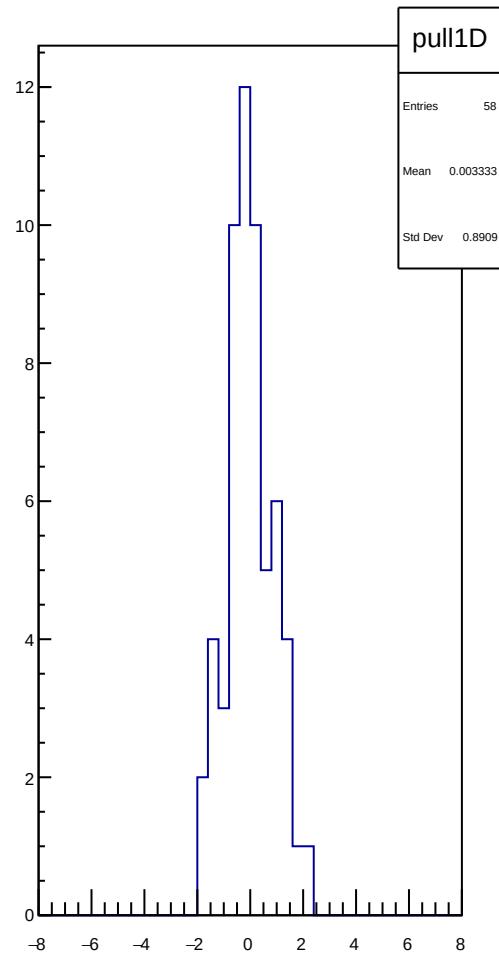
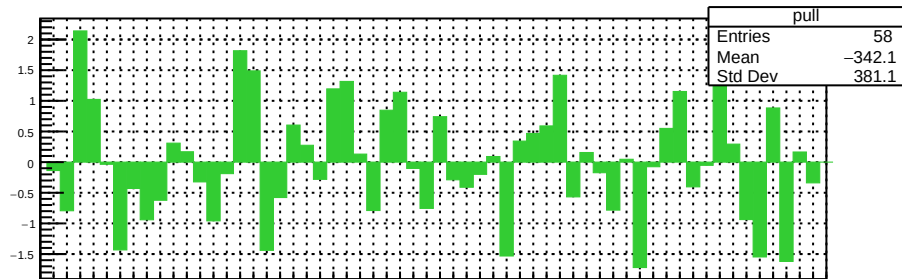
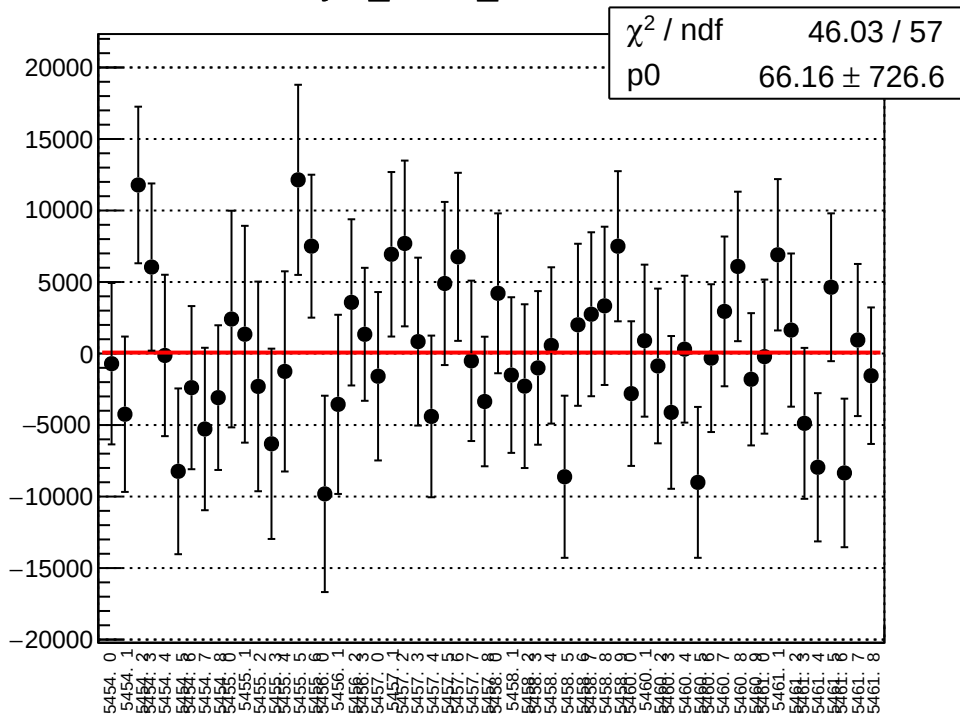
asym\_sam4\_mean vs run



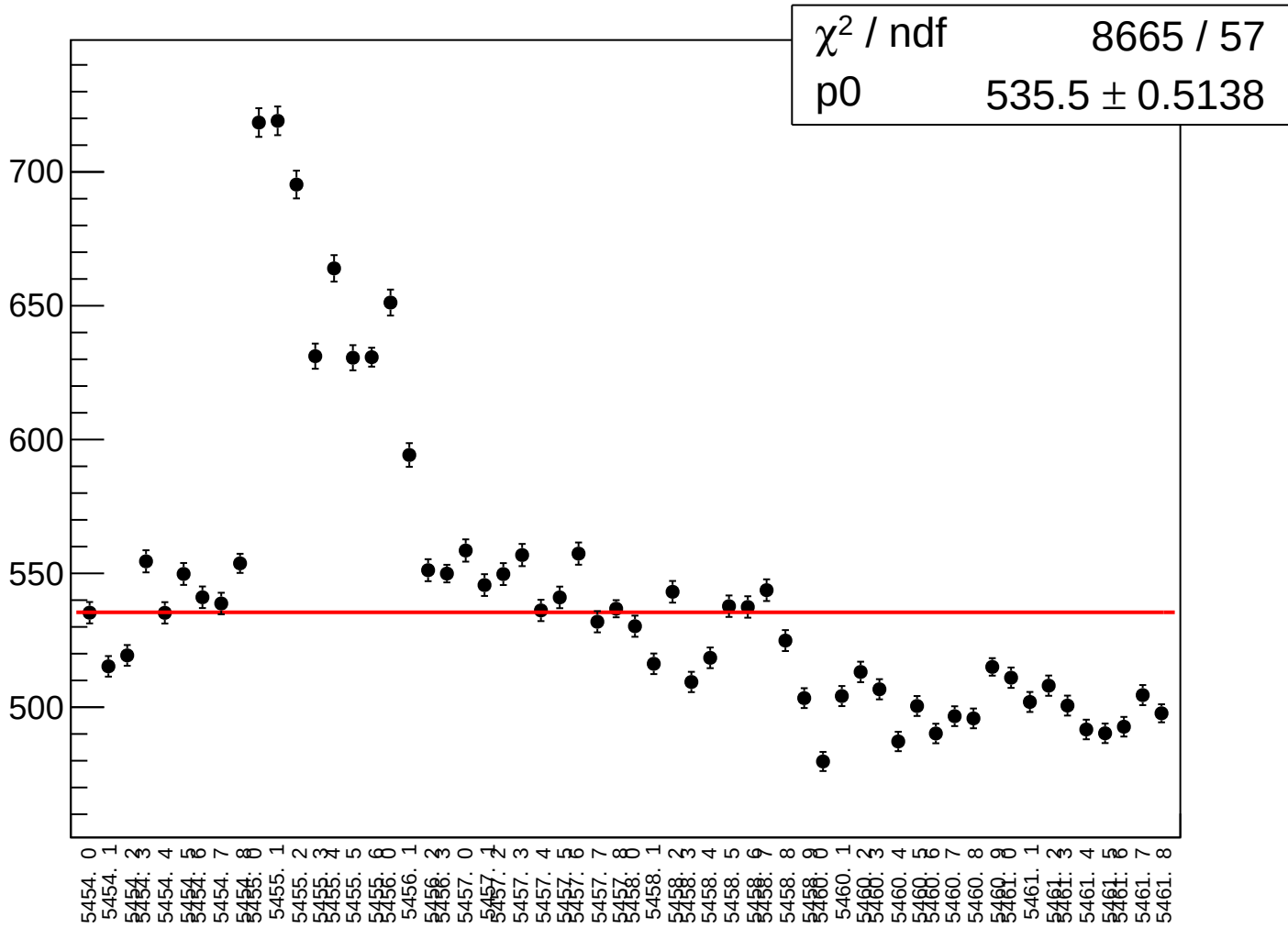
asym\_sam4\_rms vs run



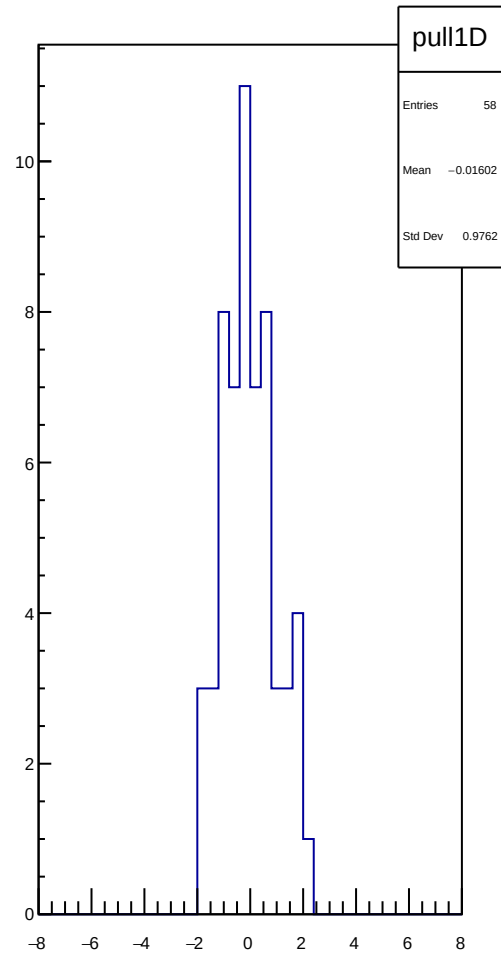
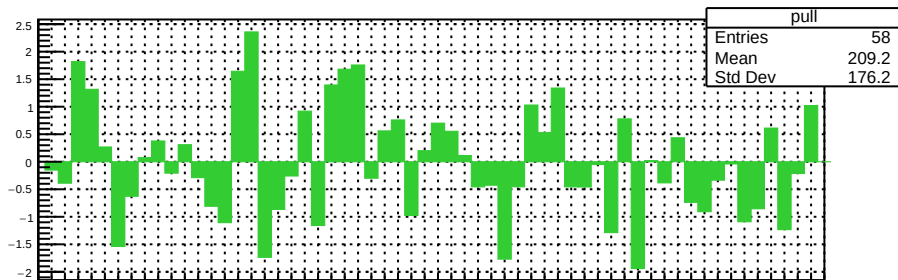
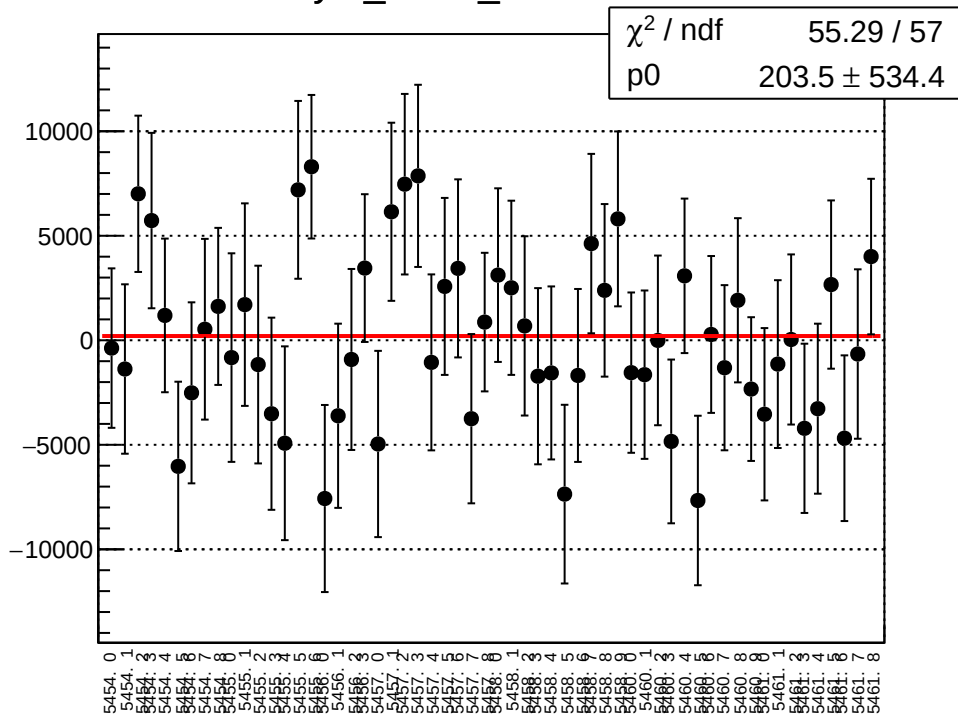
## asym\_sam5\_mean vs run



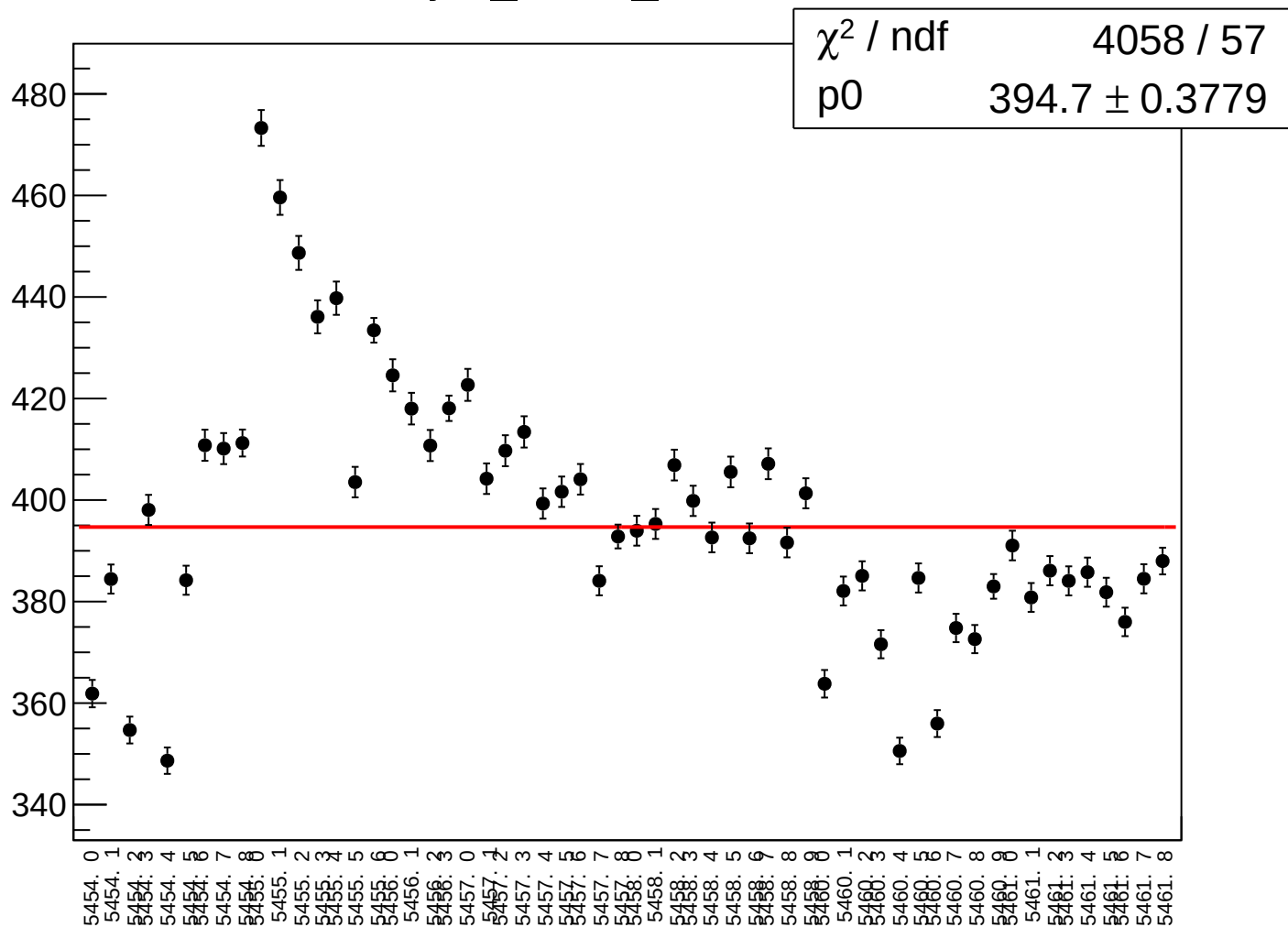
# asym\_sam5\_rms vs run



asym\_sam6\_mean vs run

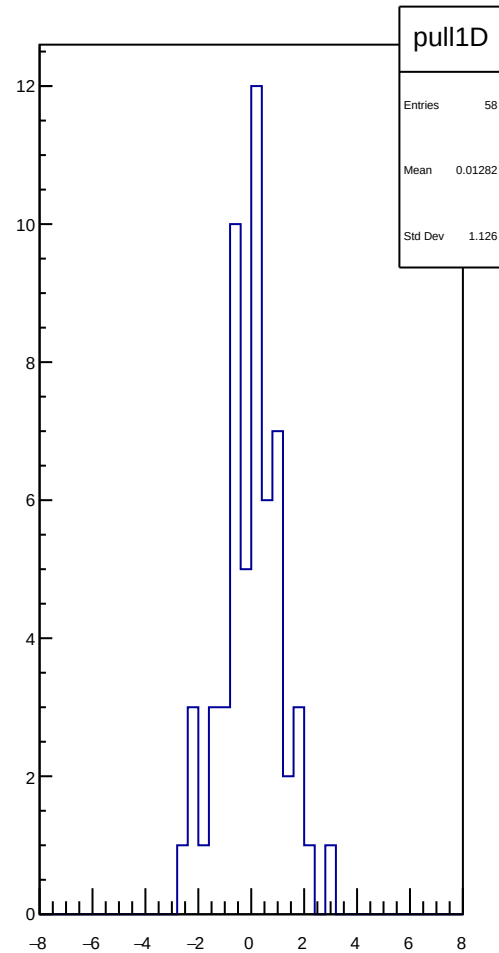
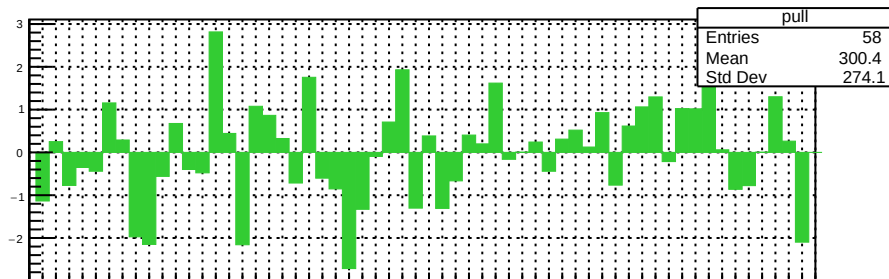
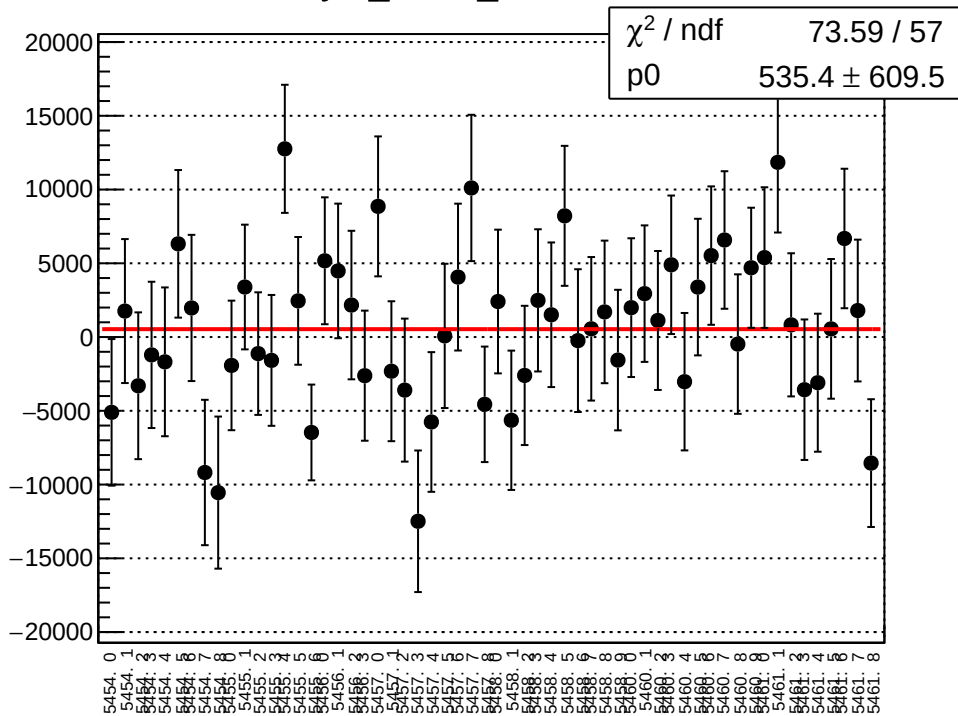


# asym\_sam6\_rms vs run

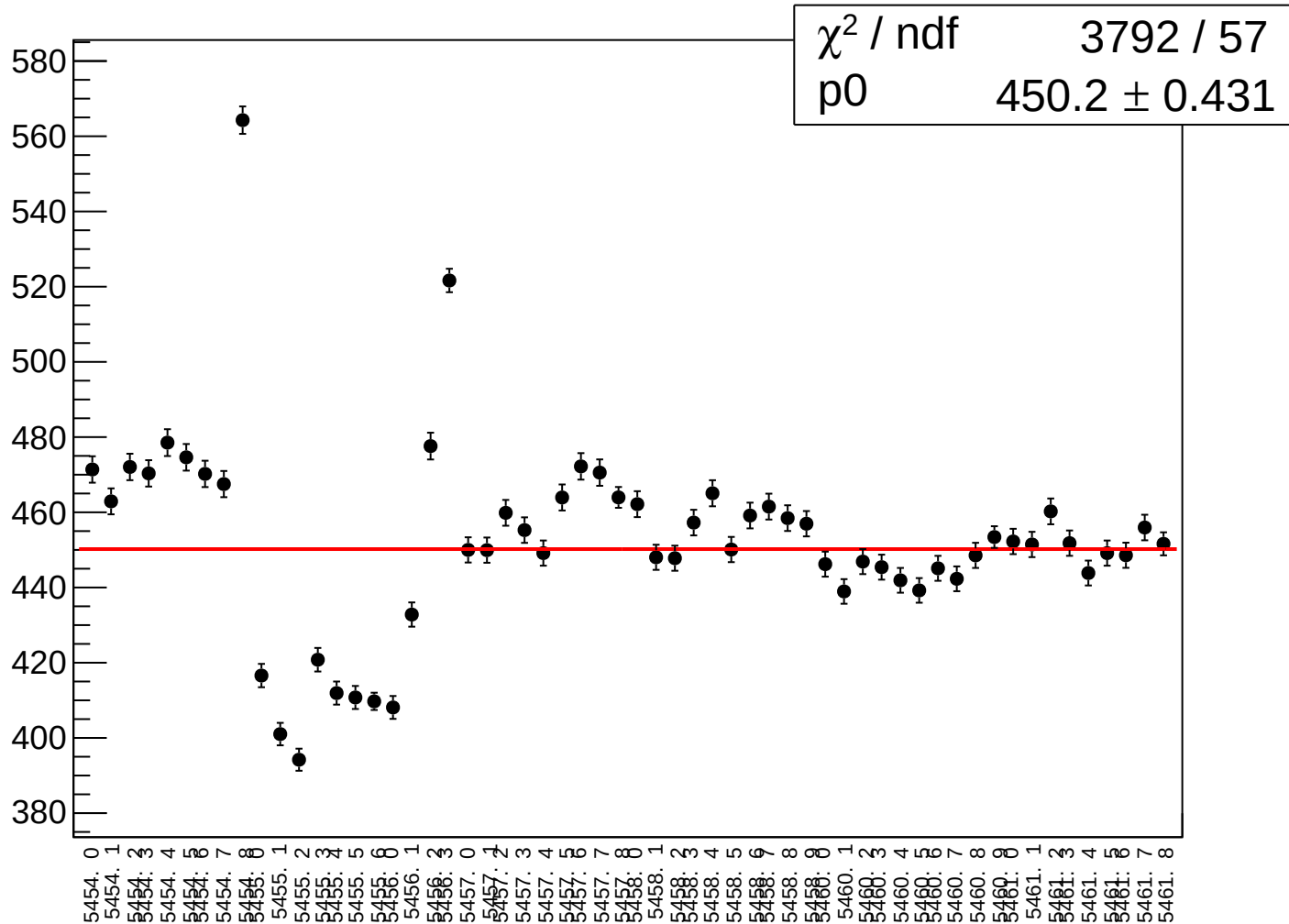




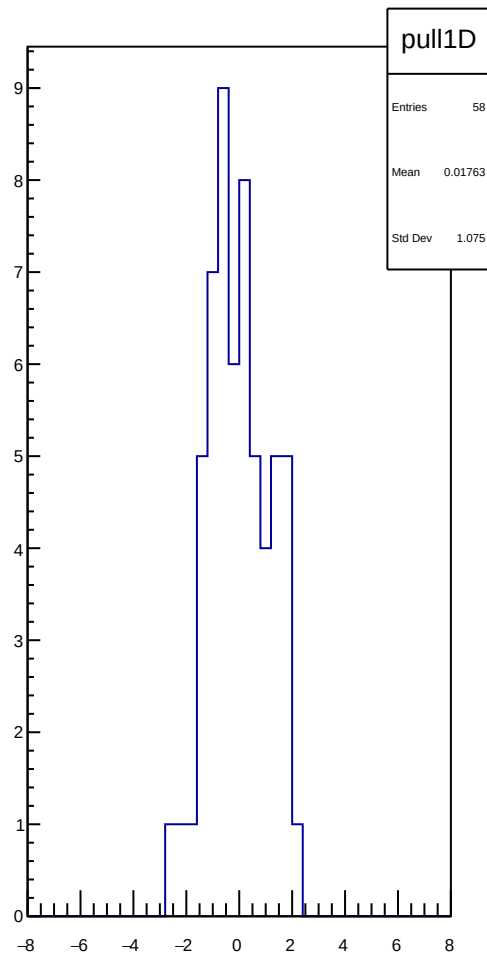
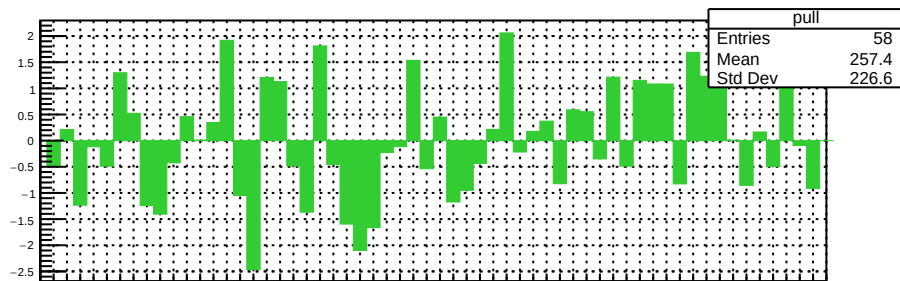
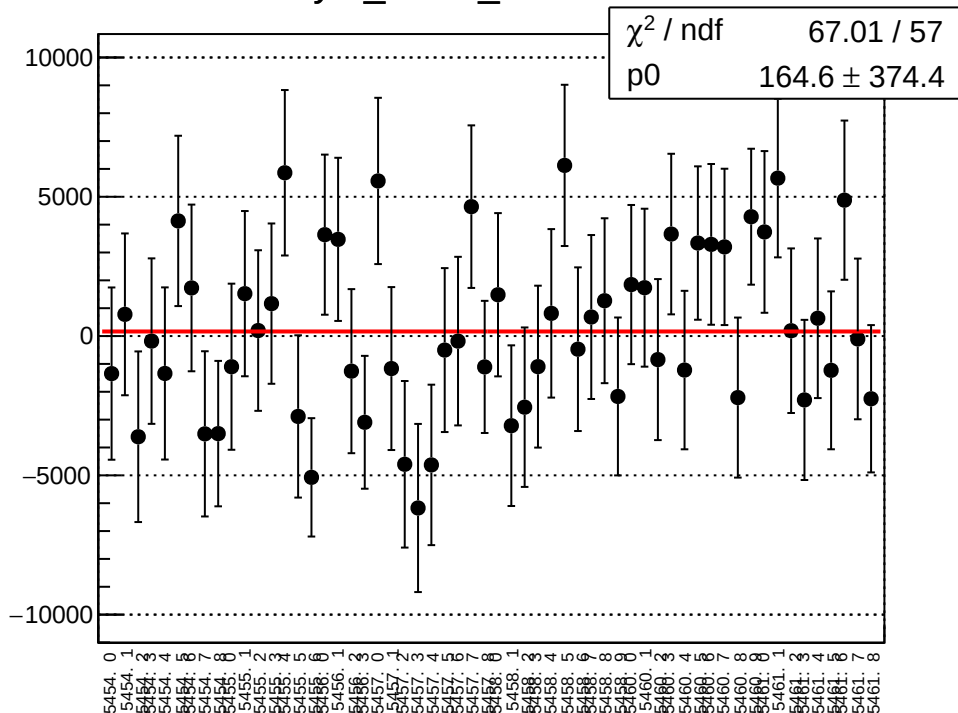
asym\_sam7\_mean vs run



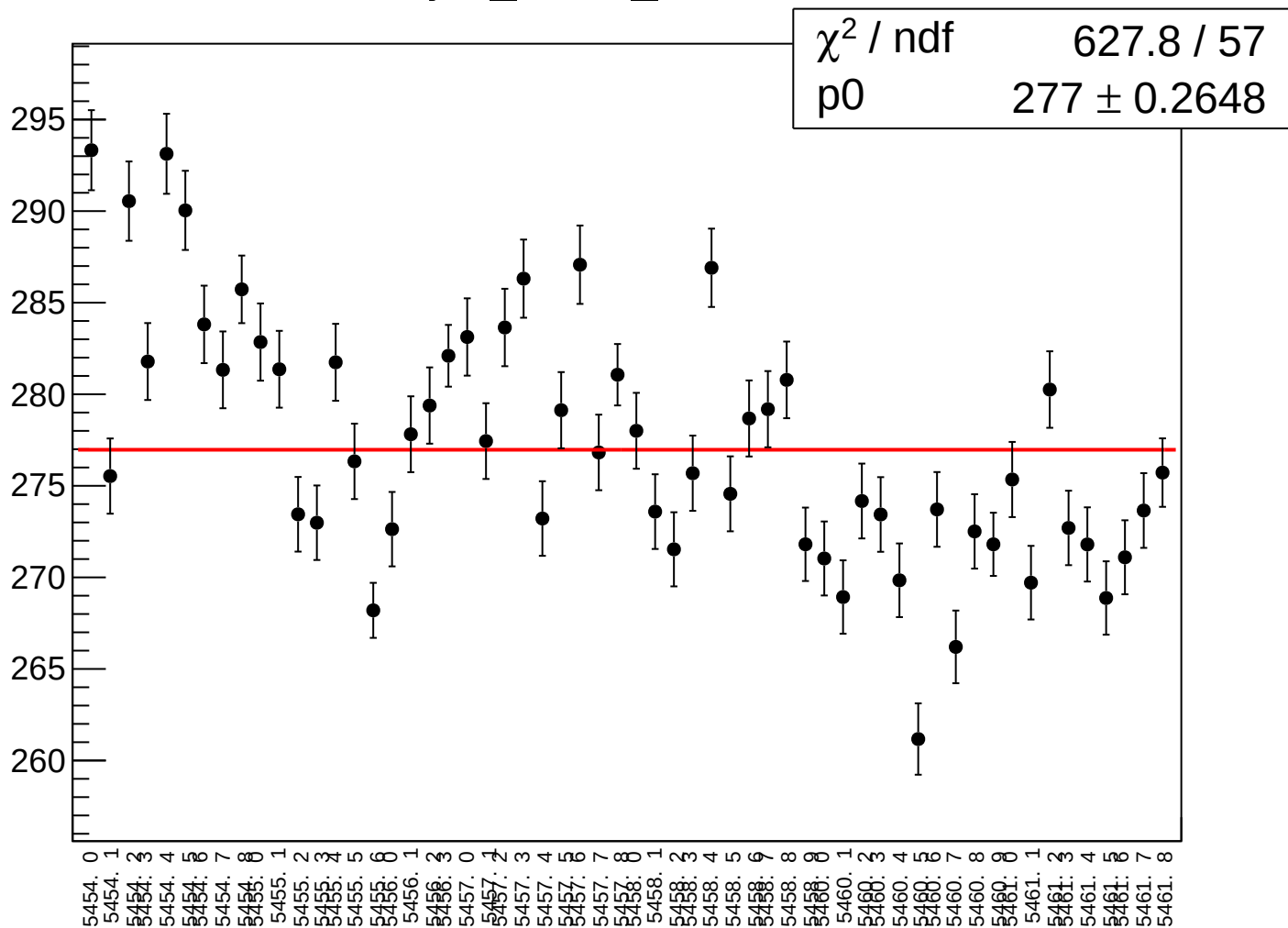
# asym\_sam7\_rms vs run



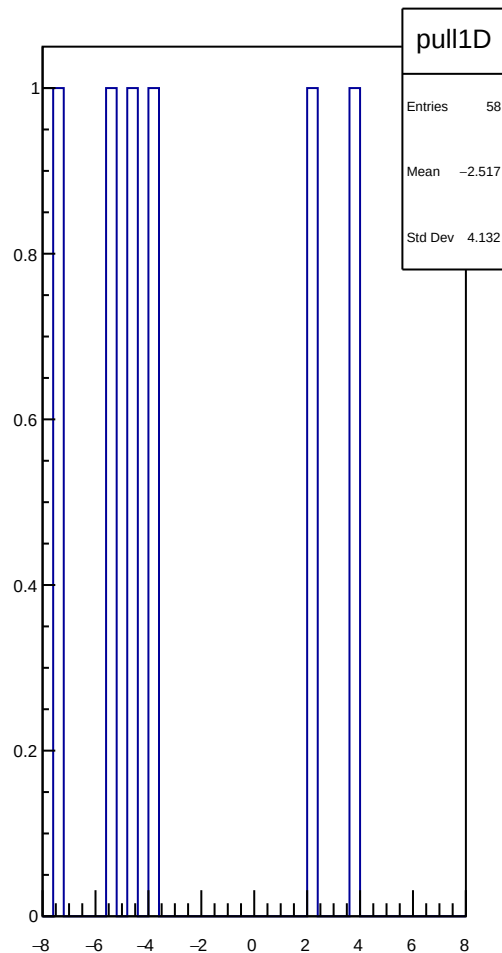
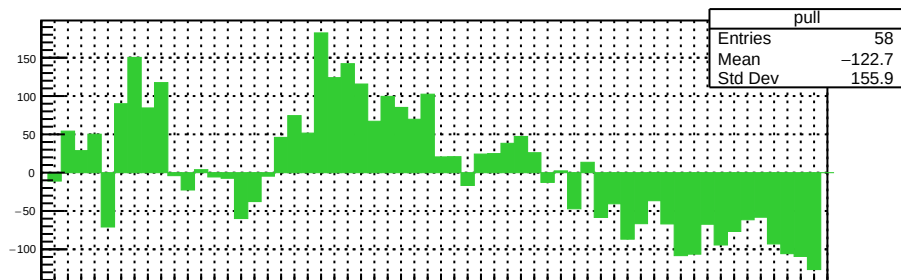
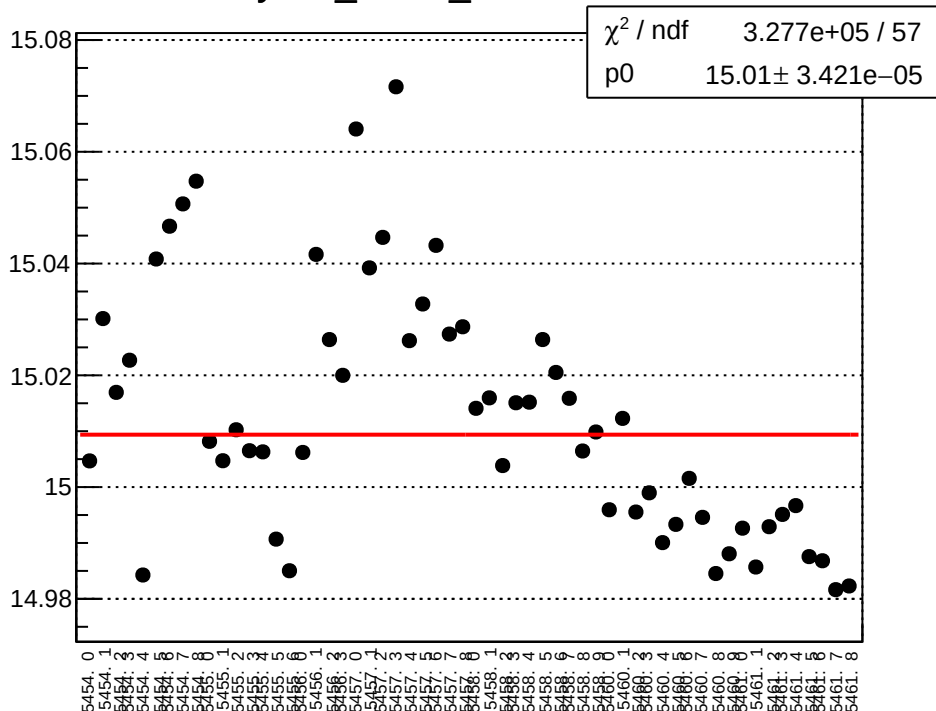
asym\_sam8\_mean vs run



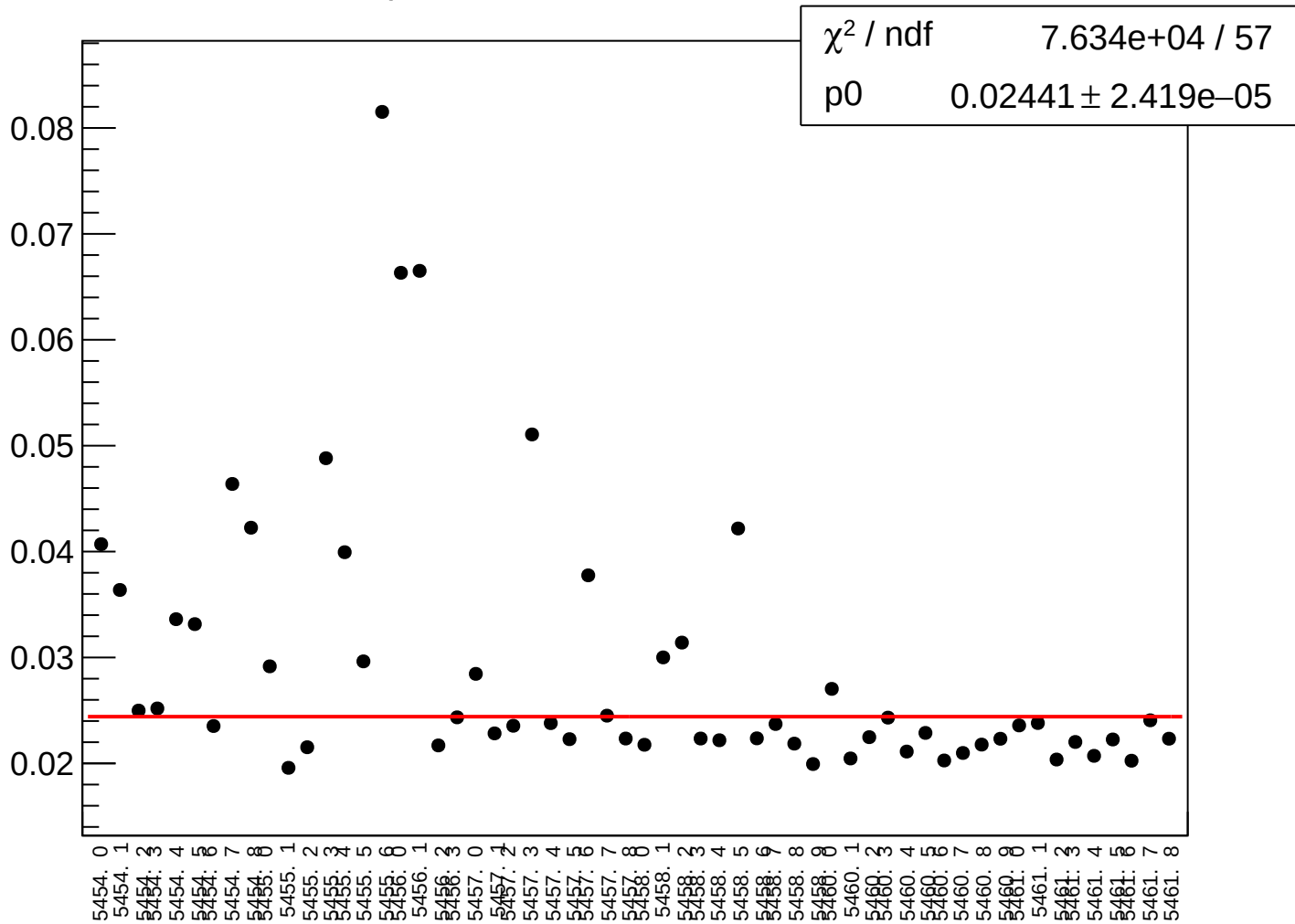
# asym\_sam8\_rms vs run



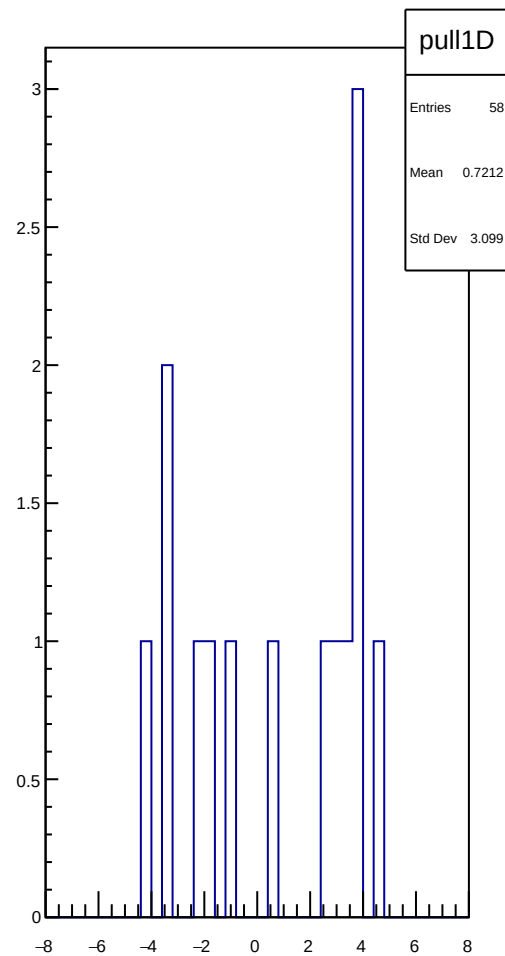
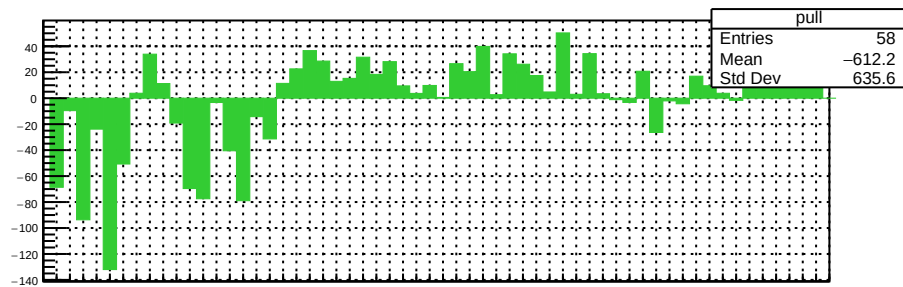
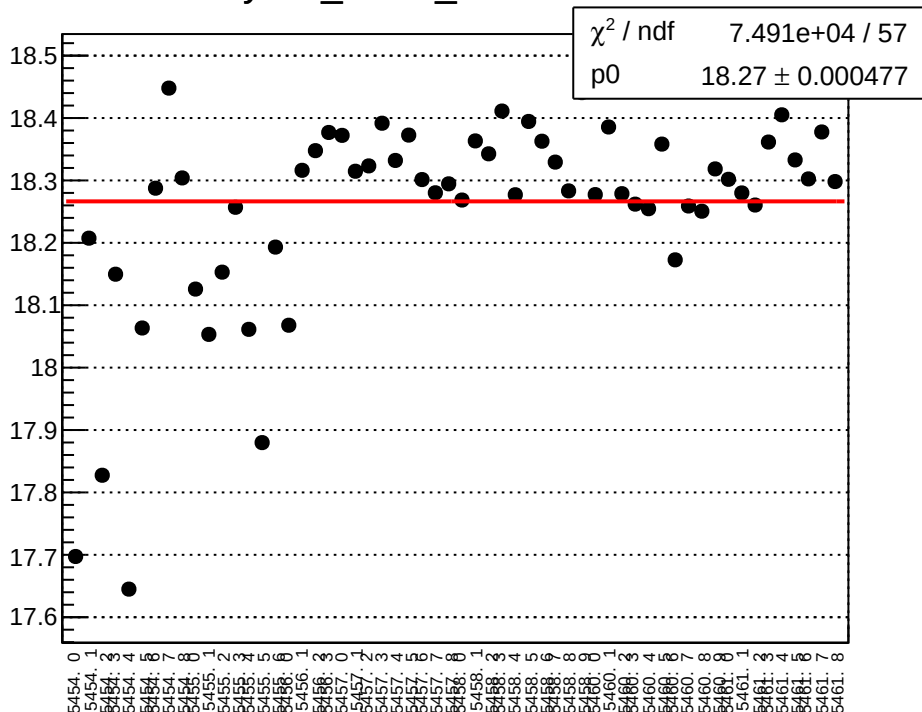
yield\_sam1\_mean vs run



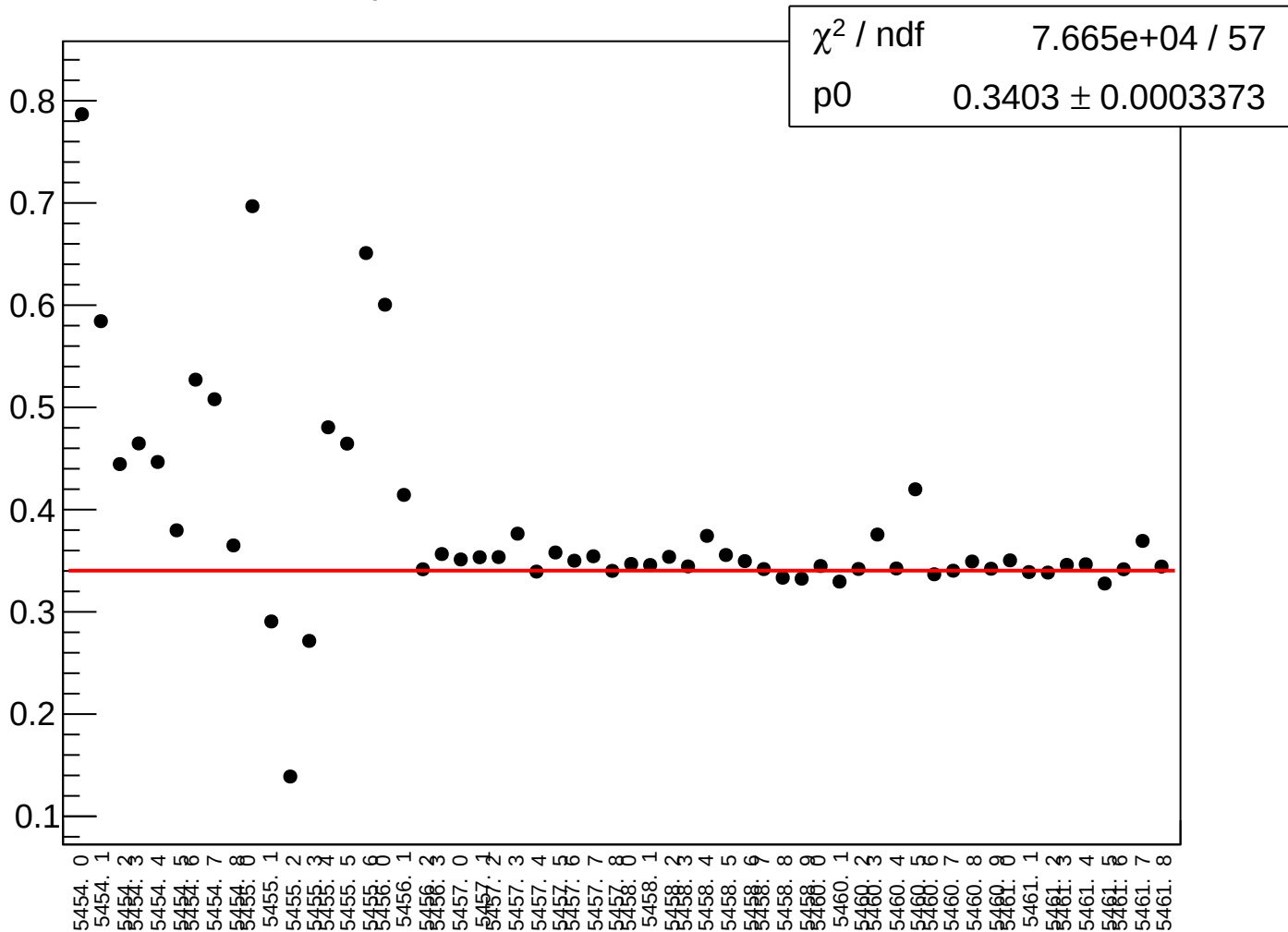
# yield\_sam1\_rms vs run



yield\_sam2\_mean vs run

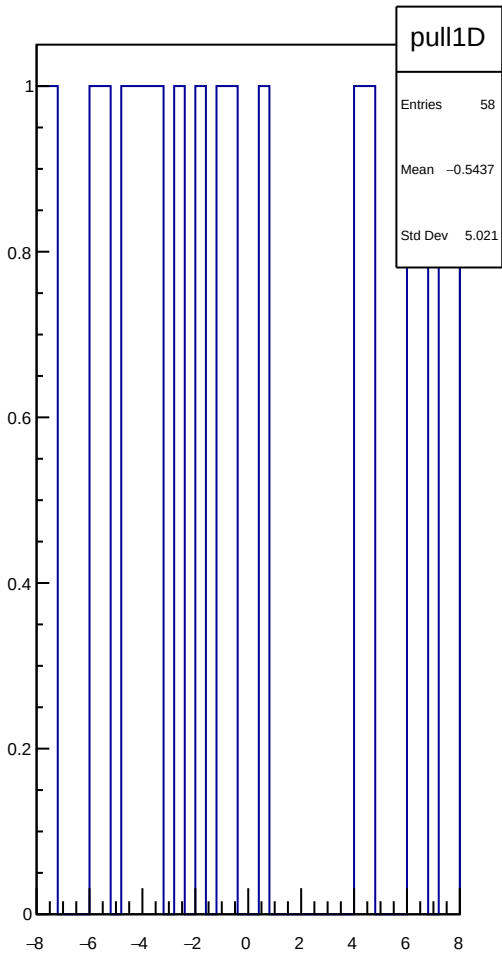
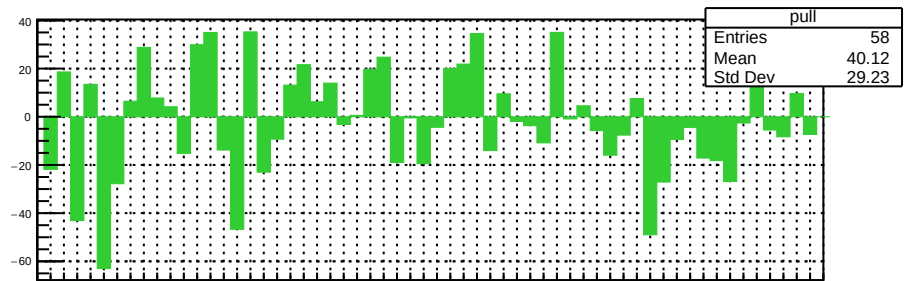
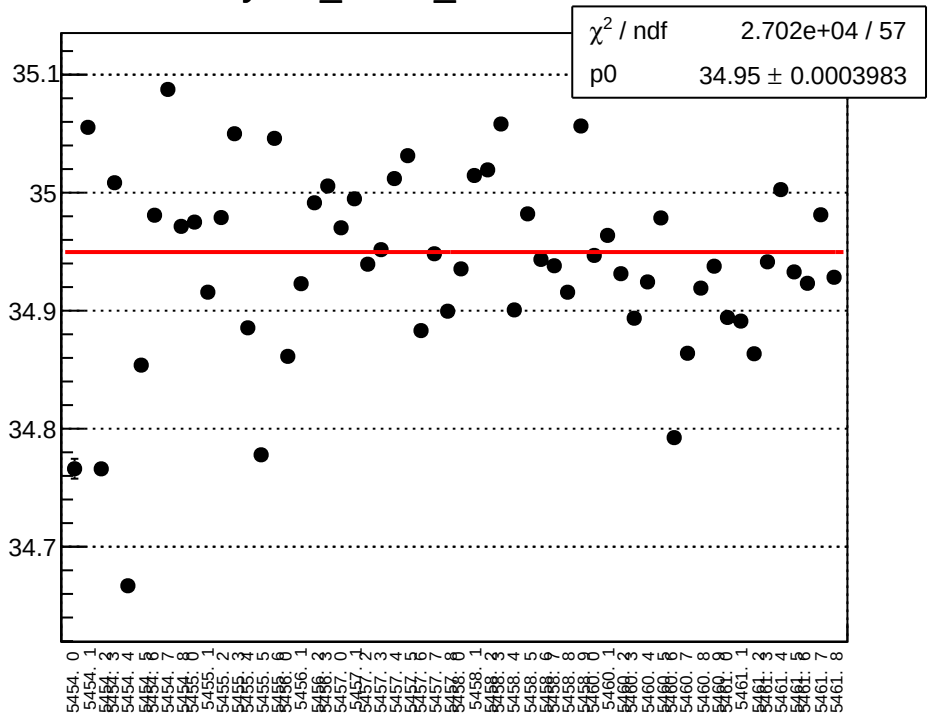


# yield\_sam2\_rms vs run

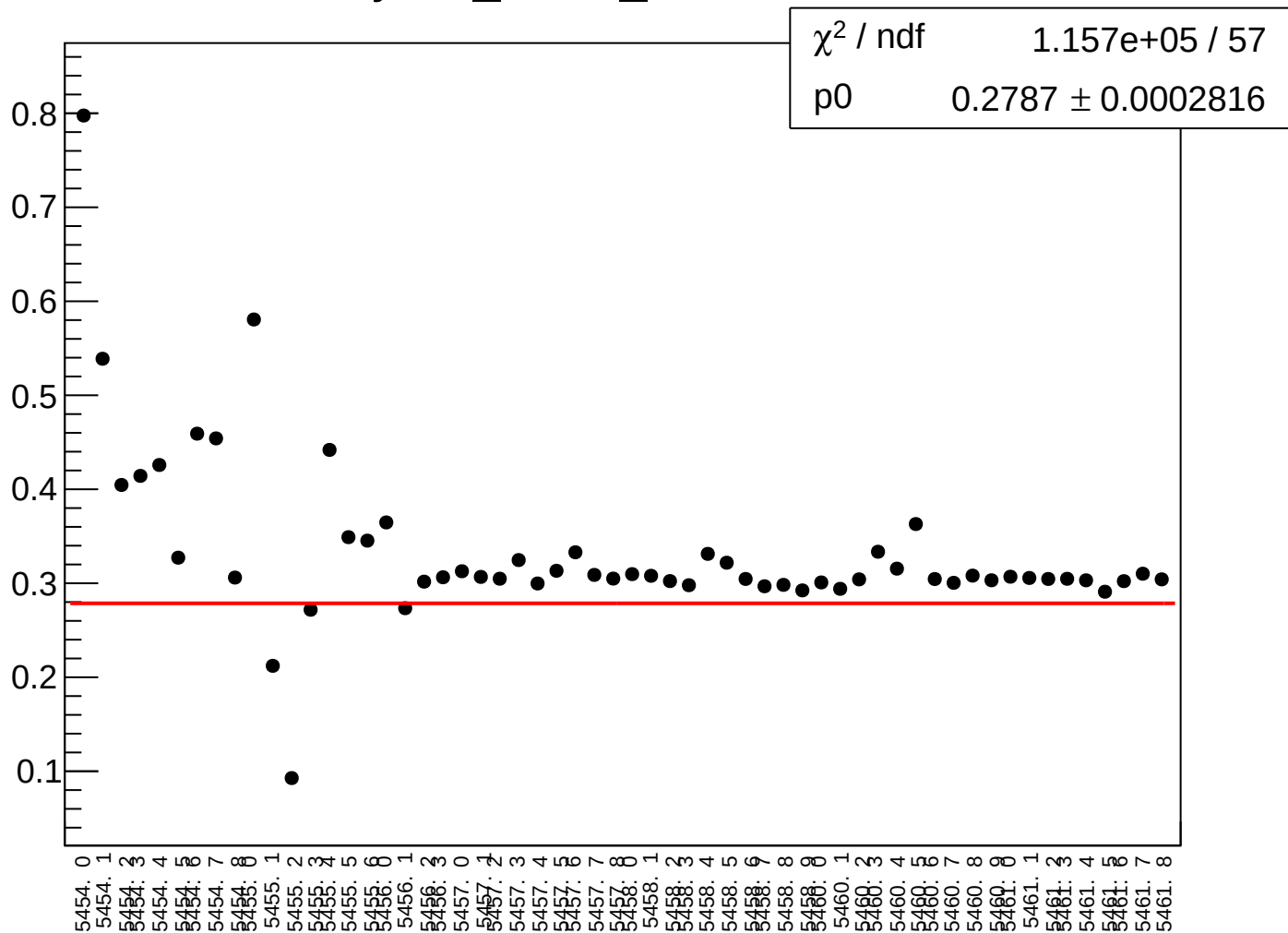




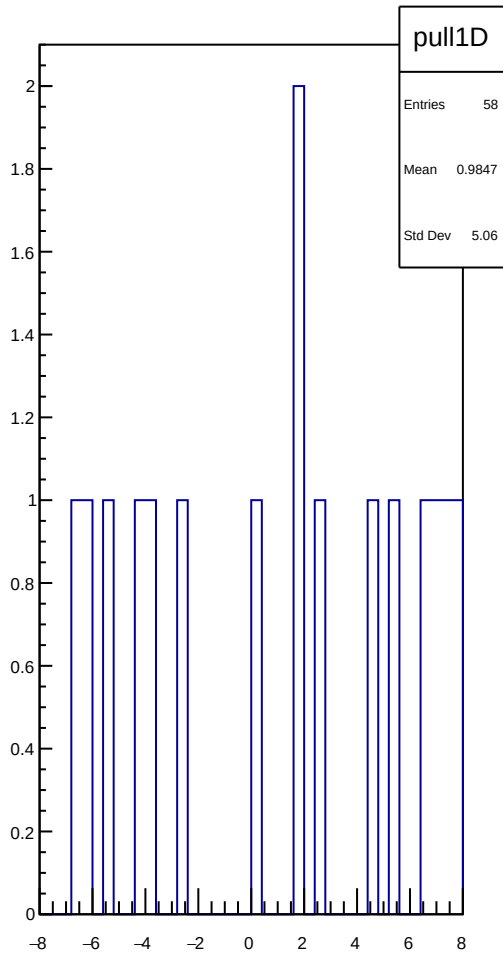
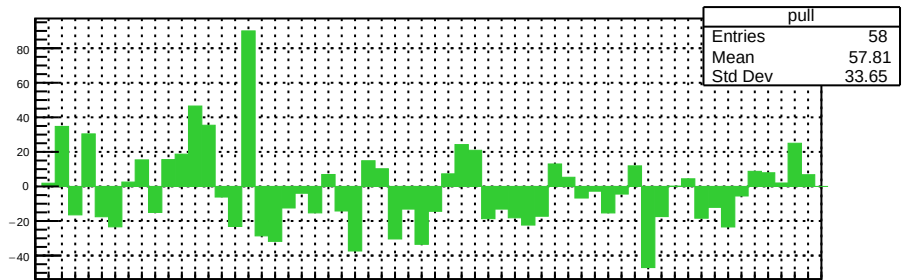
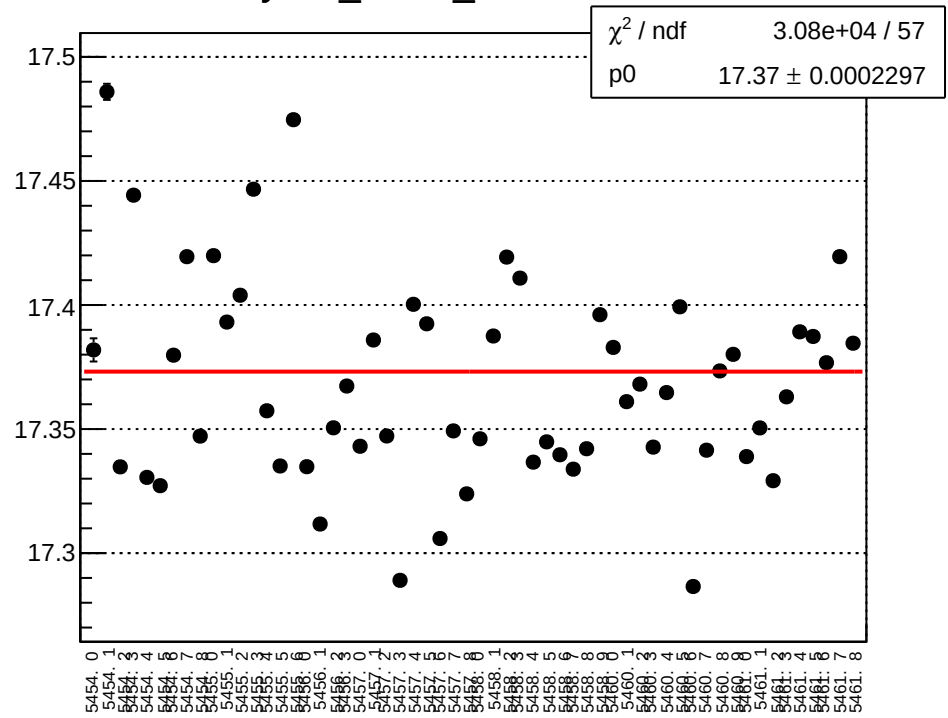
yield\_sam3\_mean vs run



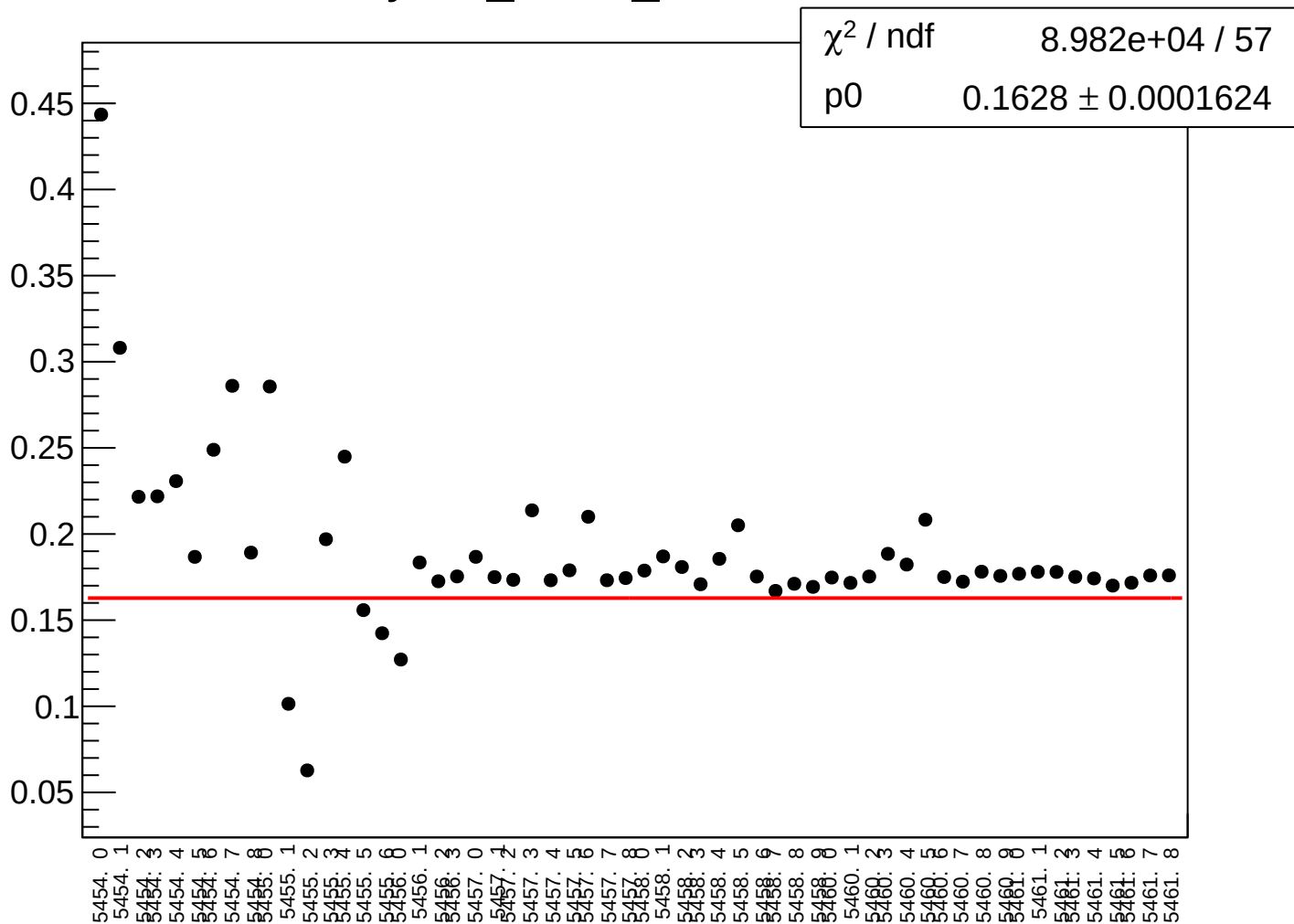
# yield\_sam3\_rms vs run



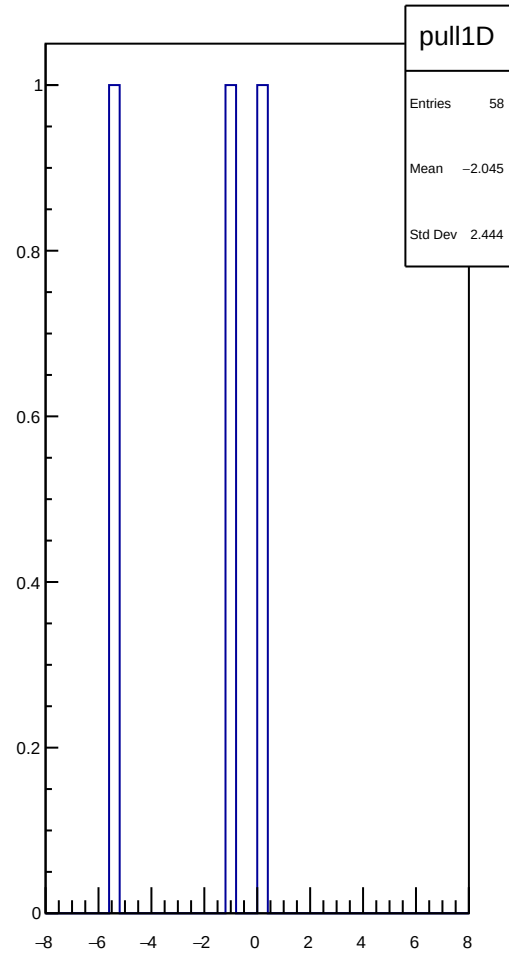
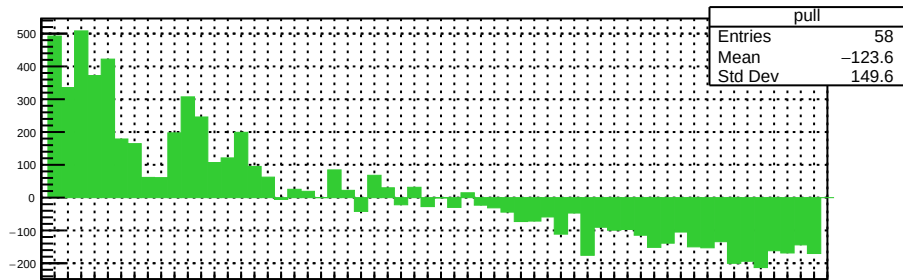
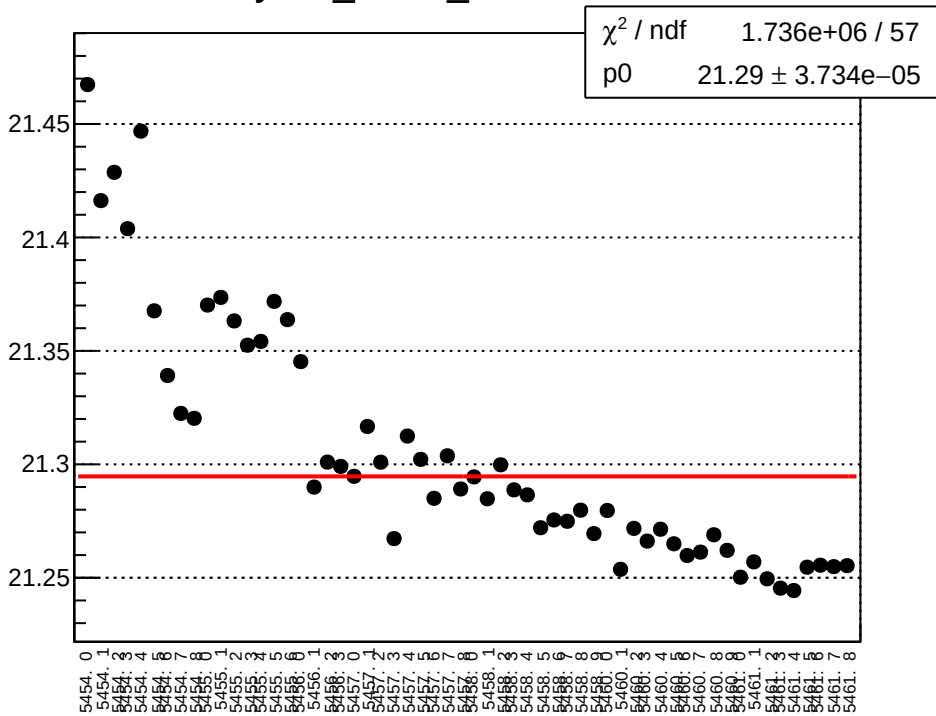
yield\_sam4\_mean vs run



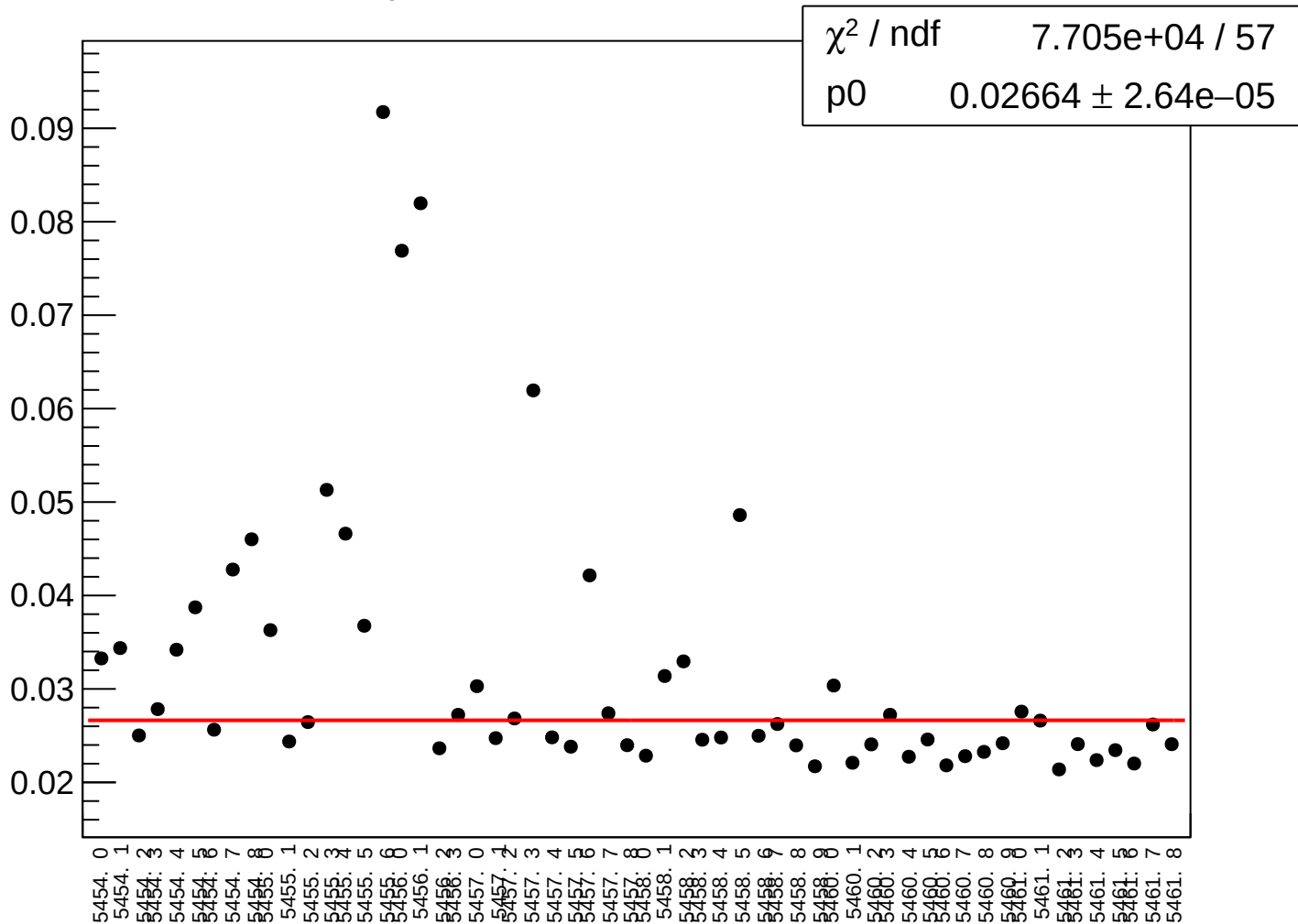
# yield\_sam4\_rms vs run



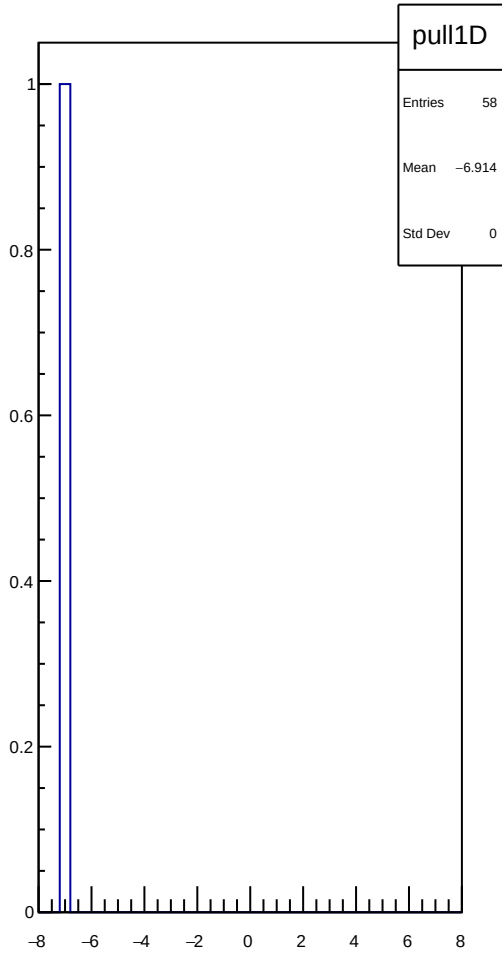
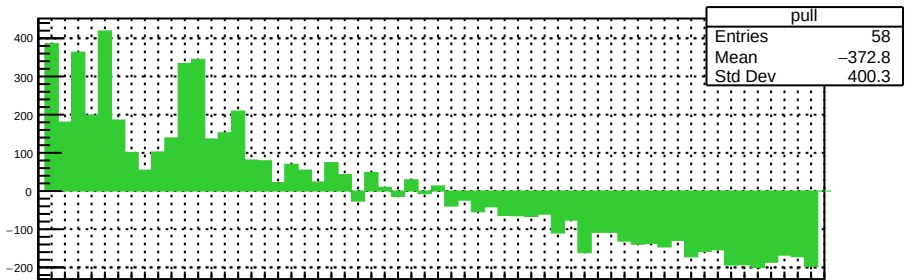
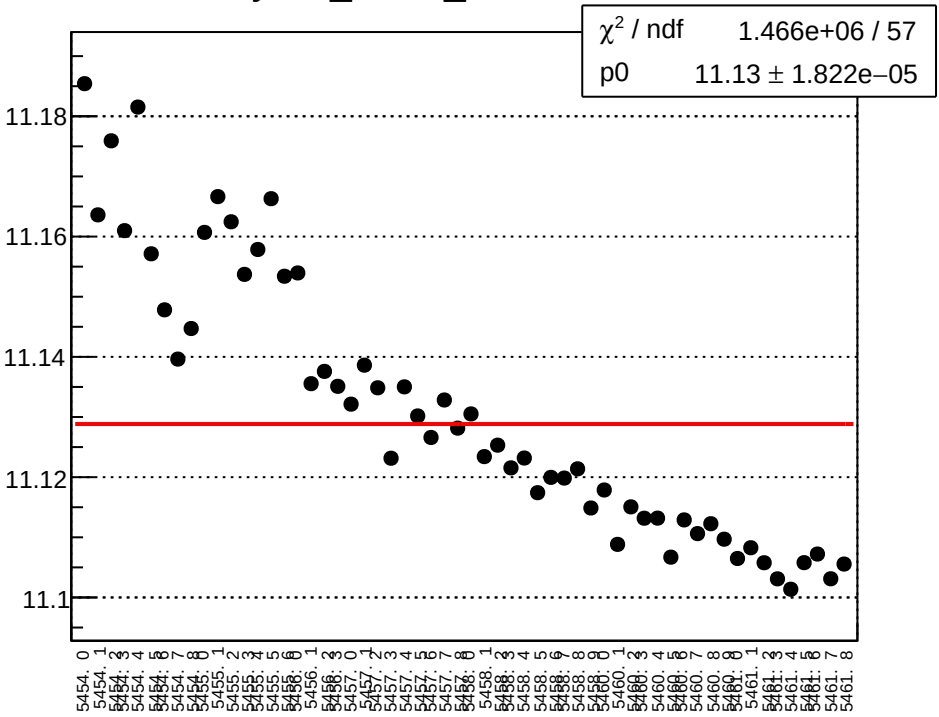
yield\_sam5\_mean vs run



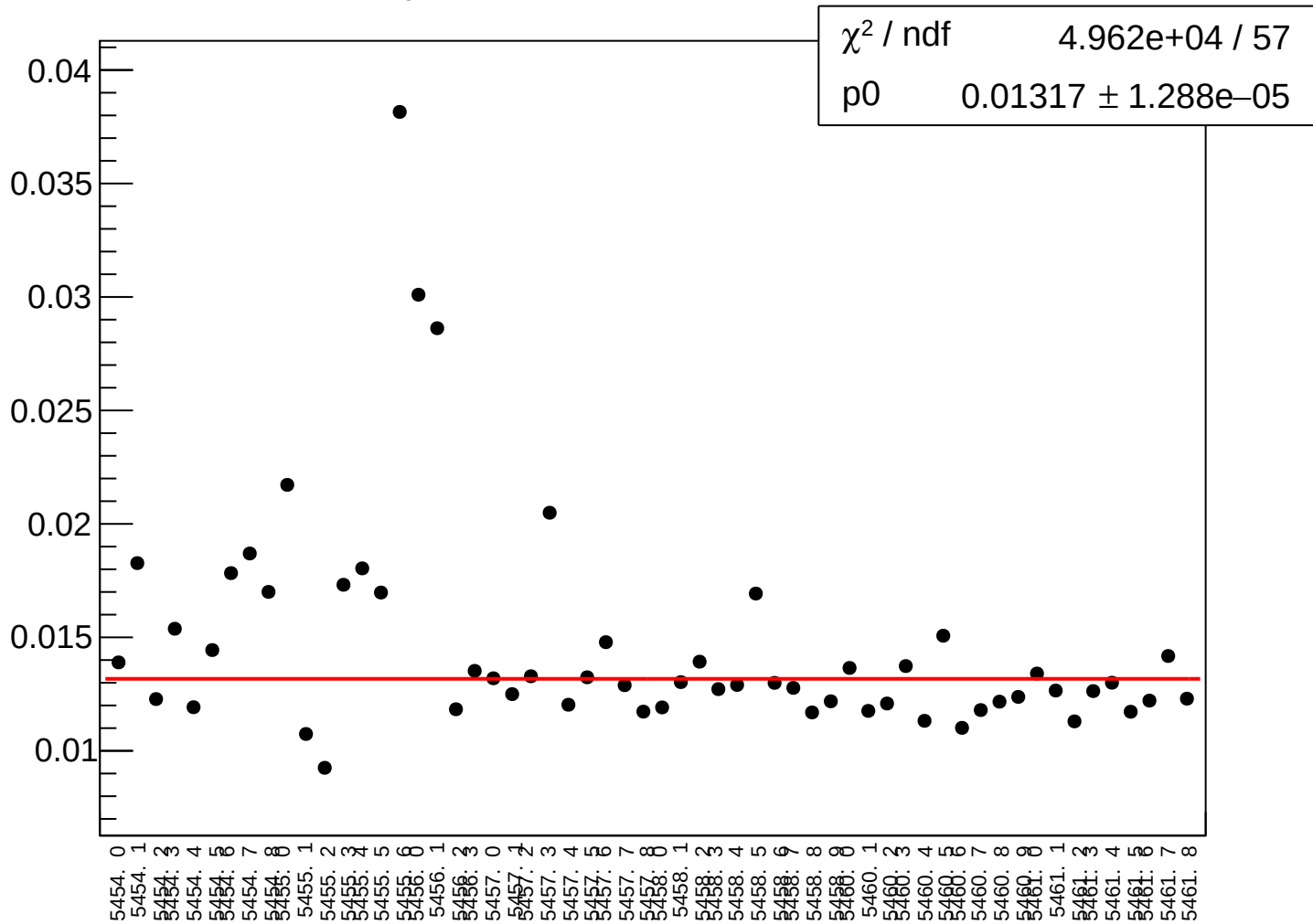
# yield\_sam5\_rms vs run



yield\_sam6\_mean vs run

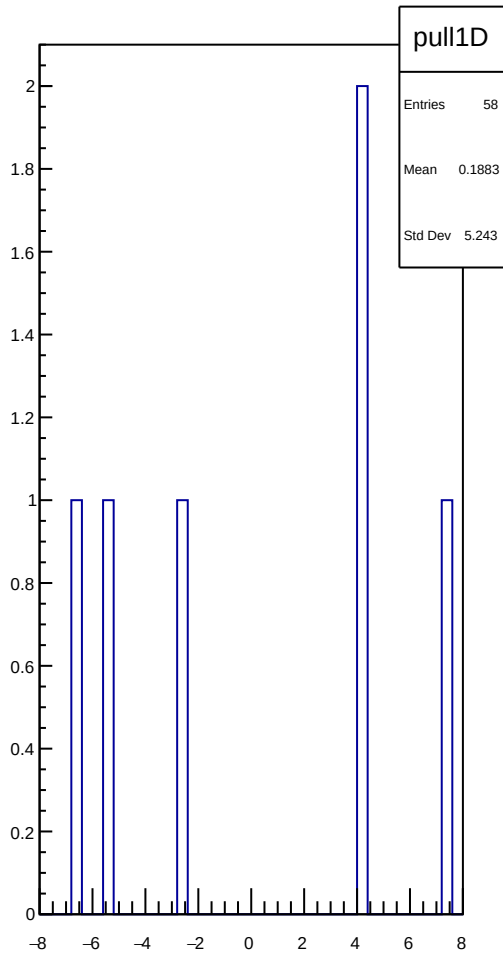
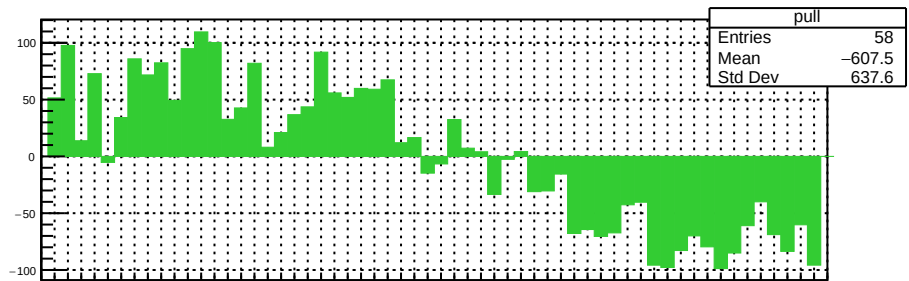
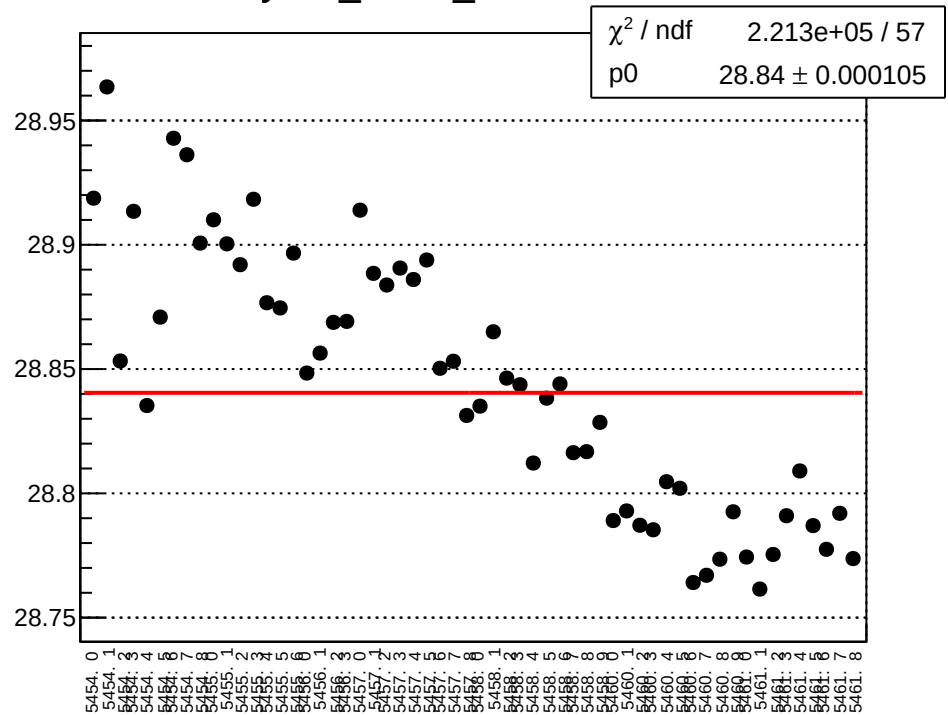


# yield\_sam6\_rms vs run

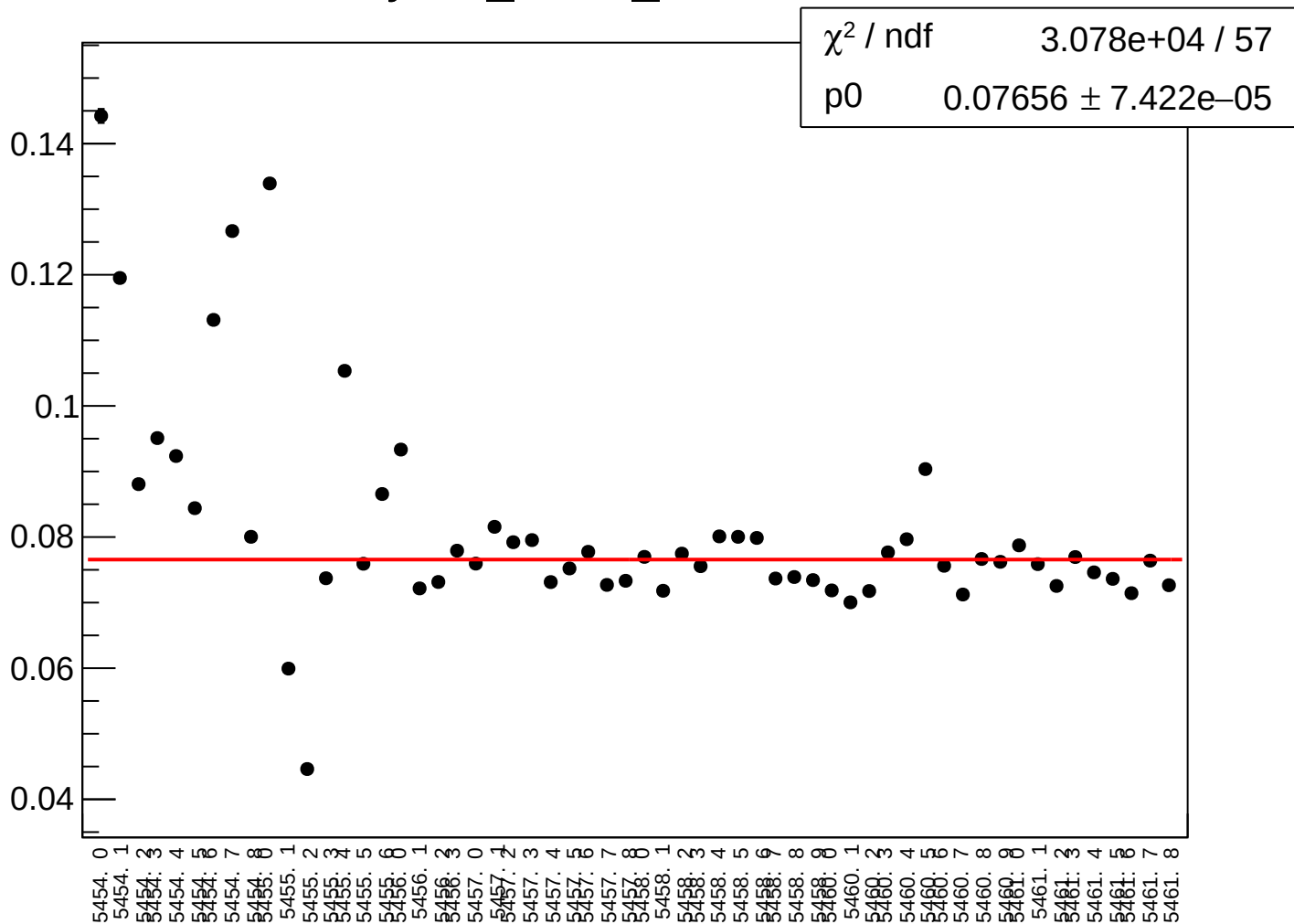




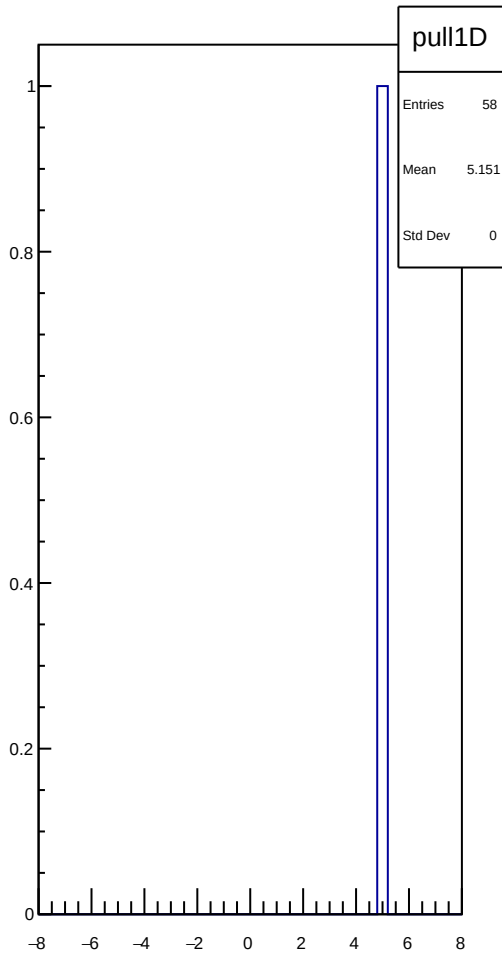
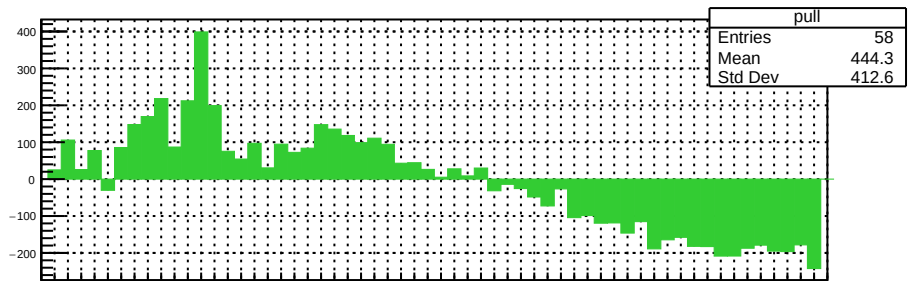
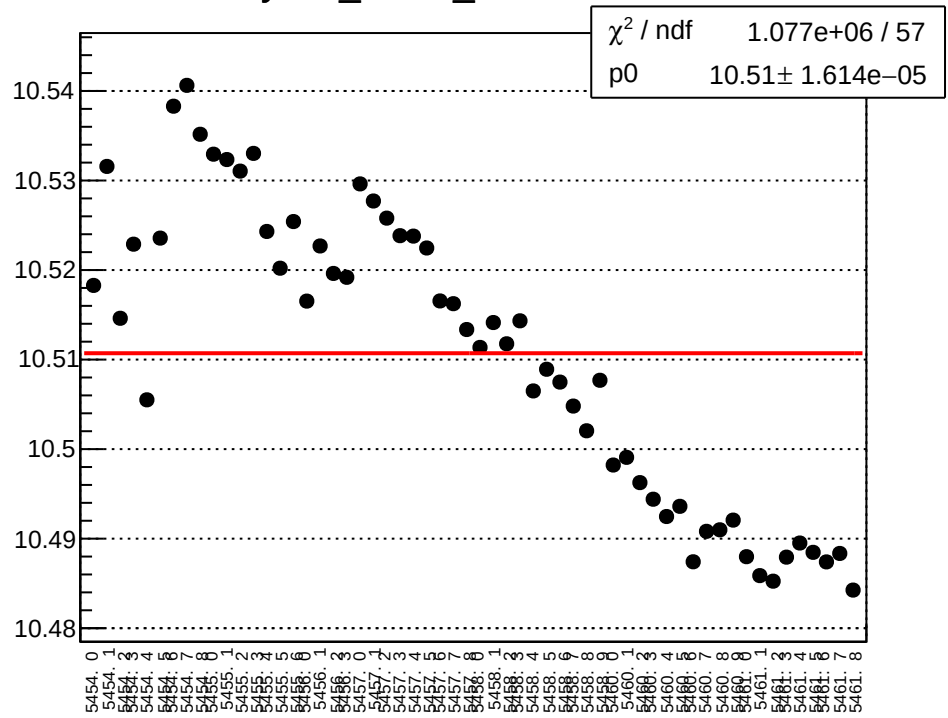
yield\_sam7\_mean vs run



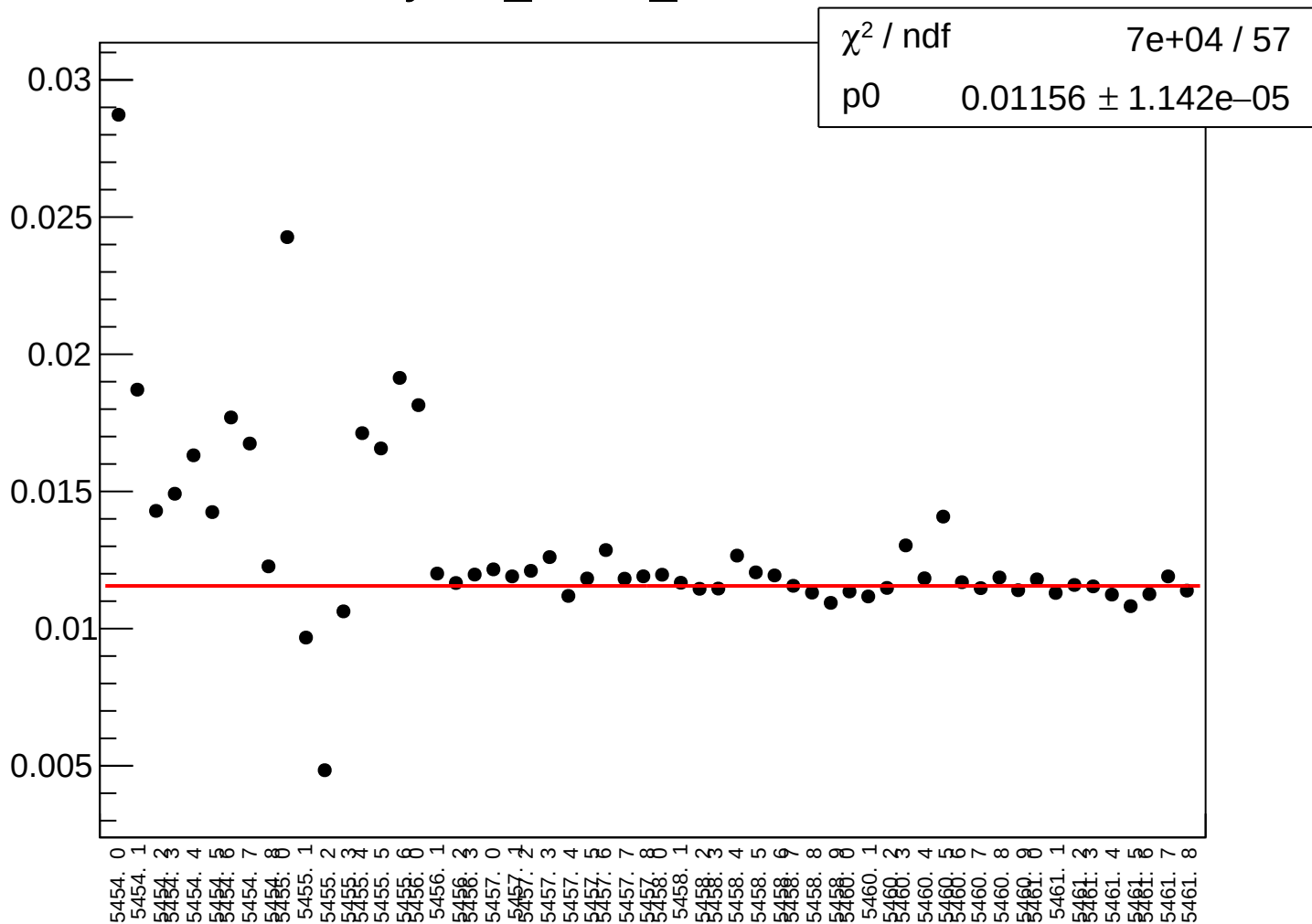
# yield\_sam7\_rms vs run

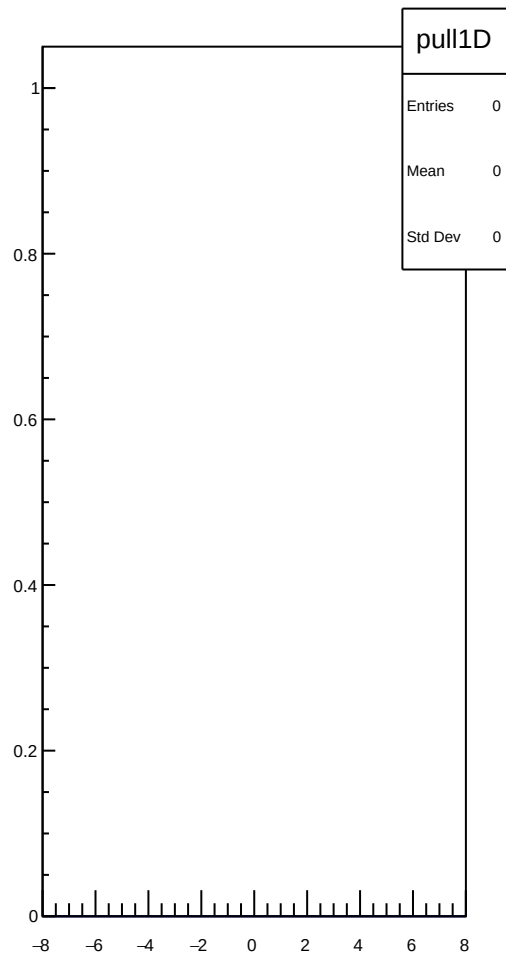


yield\_sam8\_mean vs run

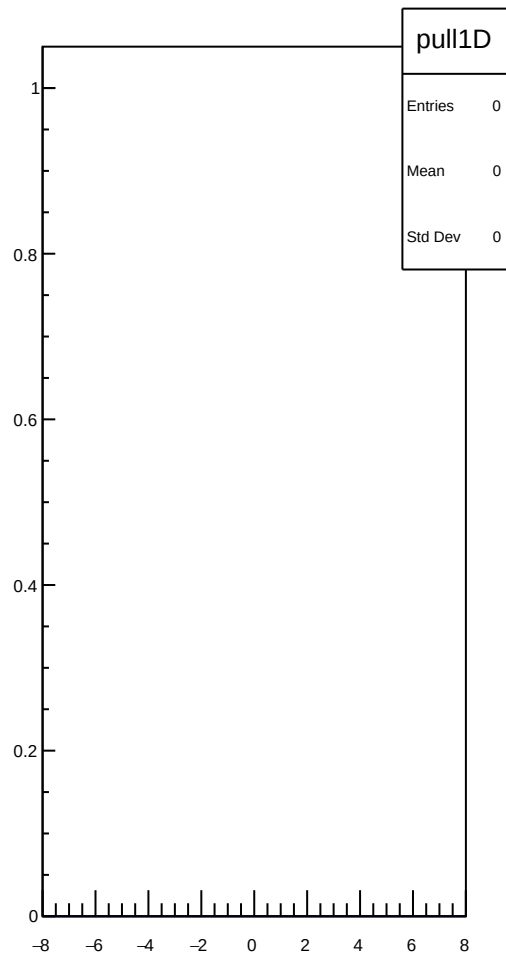


# yield\_sam8\_rms vs run



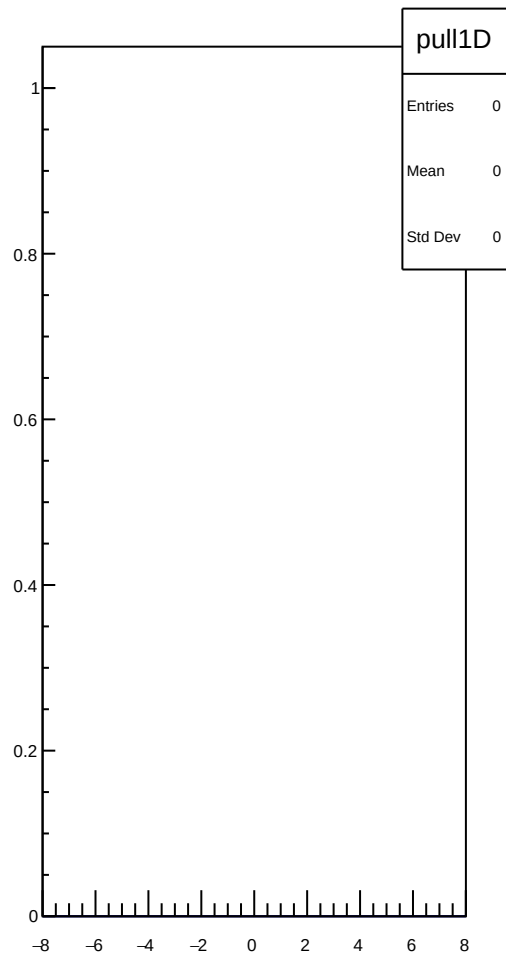




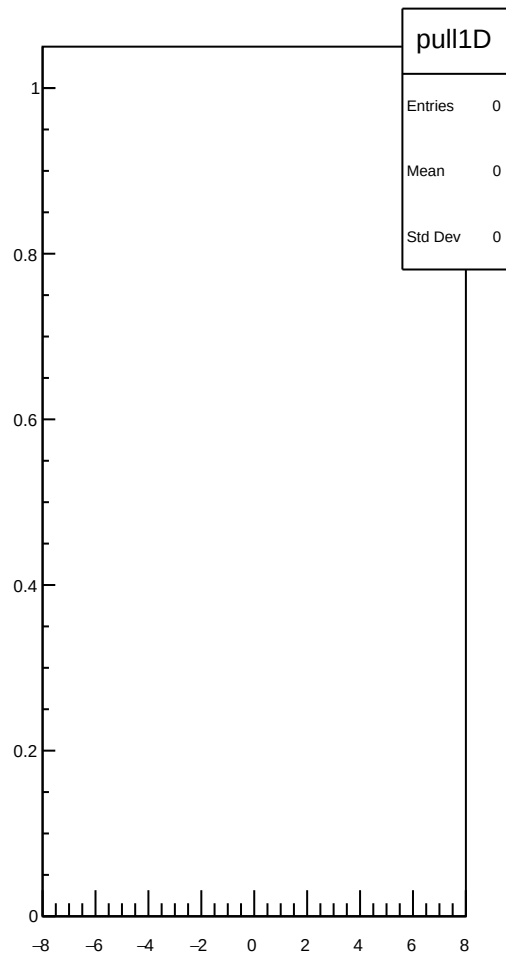




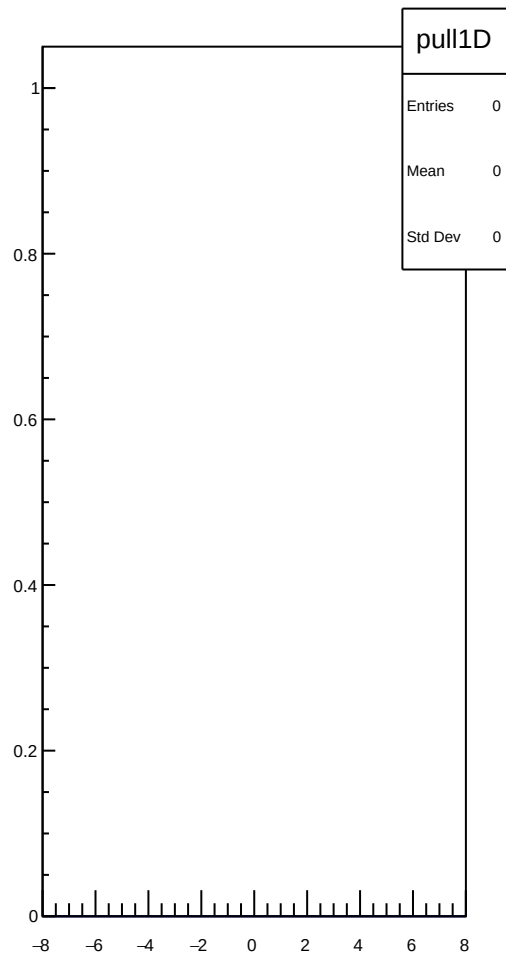




















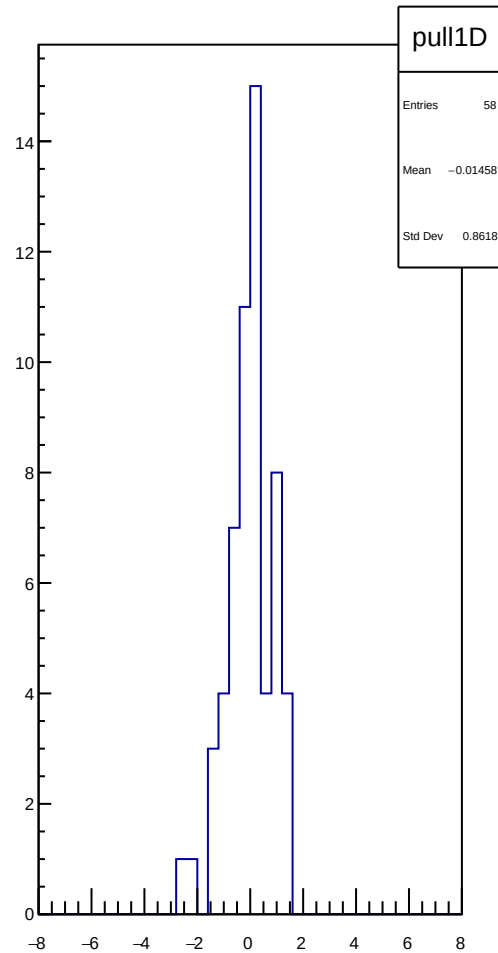
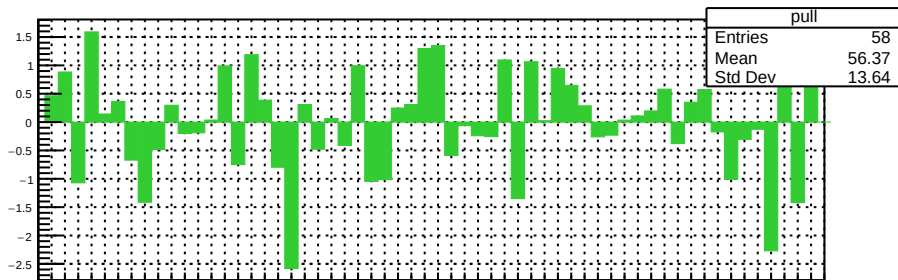
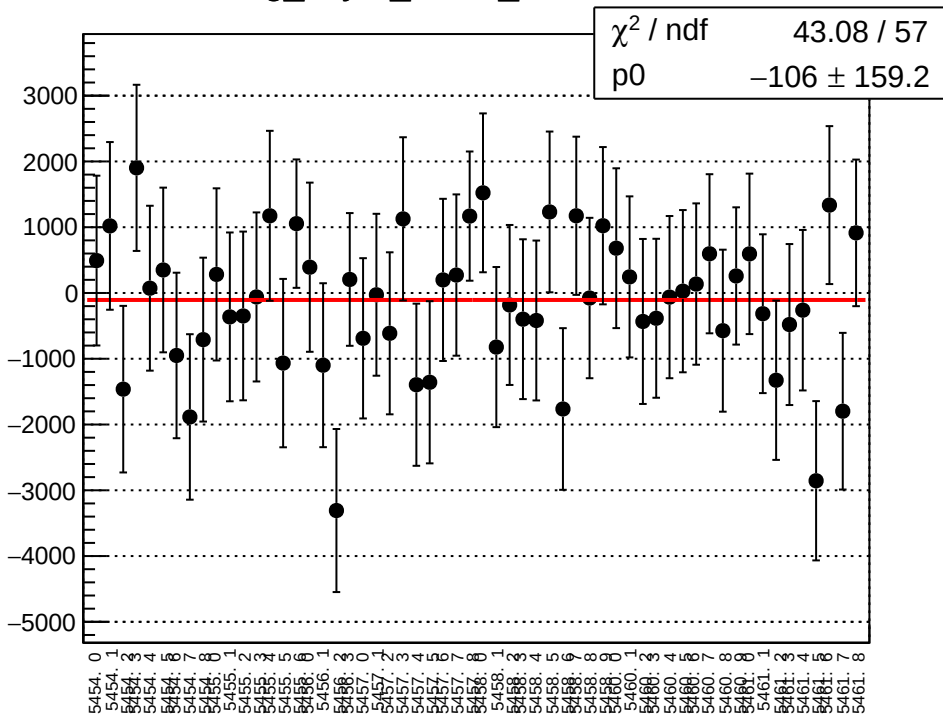




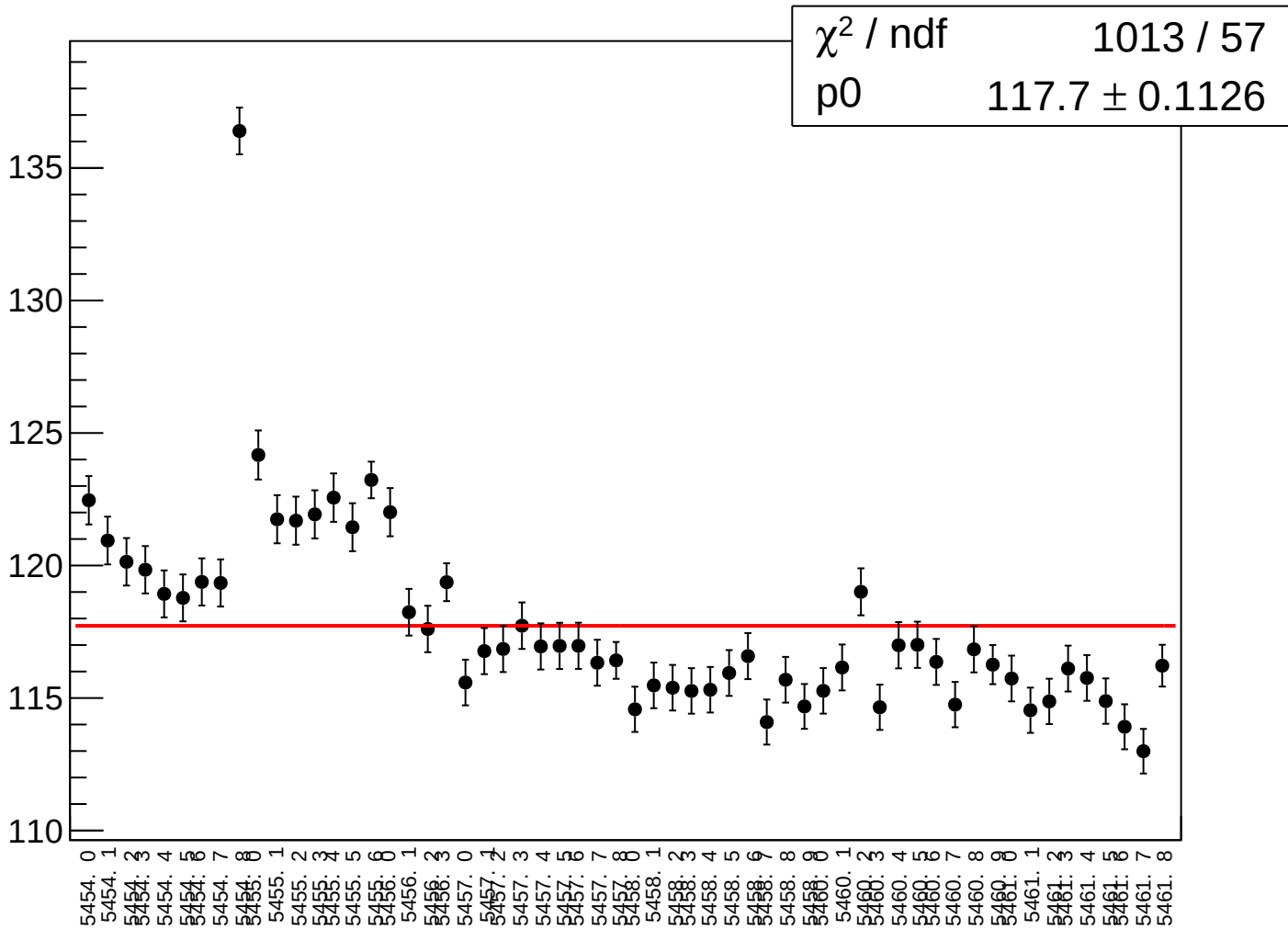




reg\_asym\_sam1\_mean vs run



reg\_asym\_sam1\_rms vs run

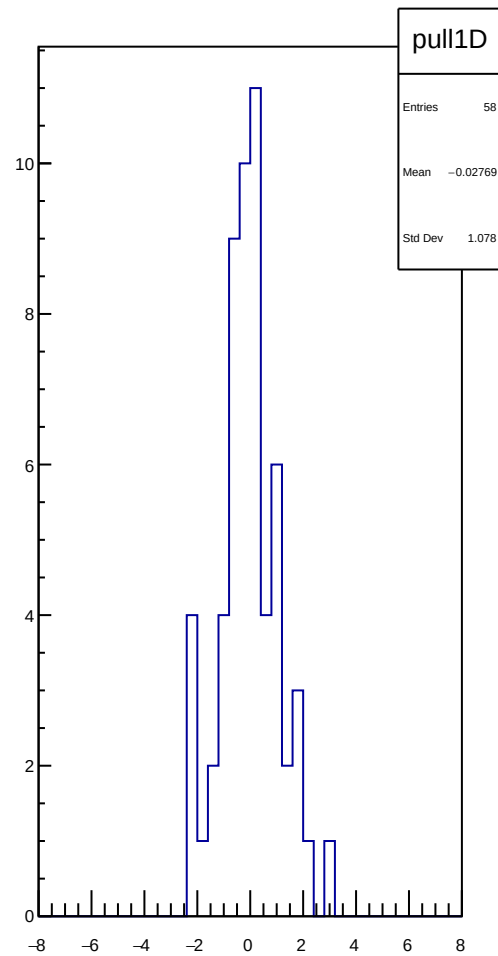
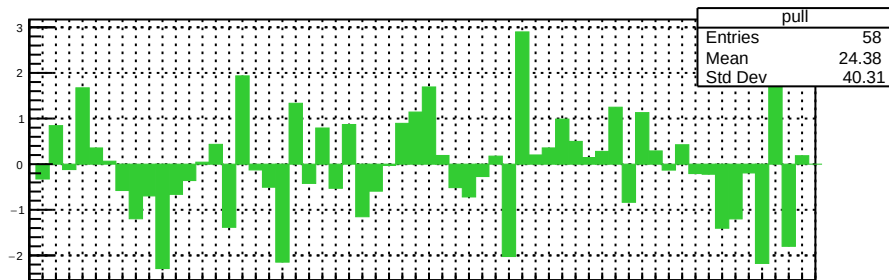
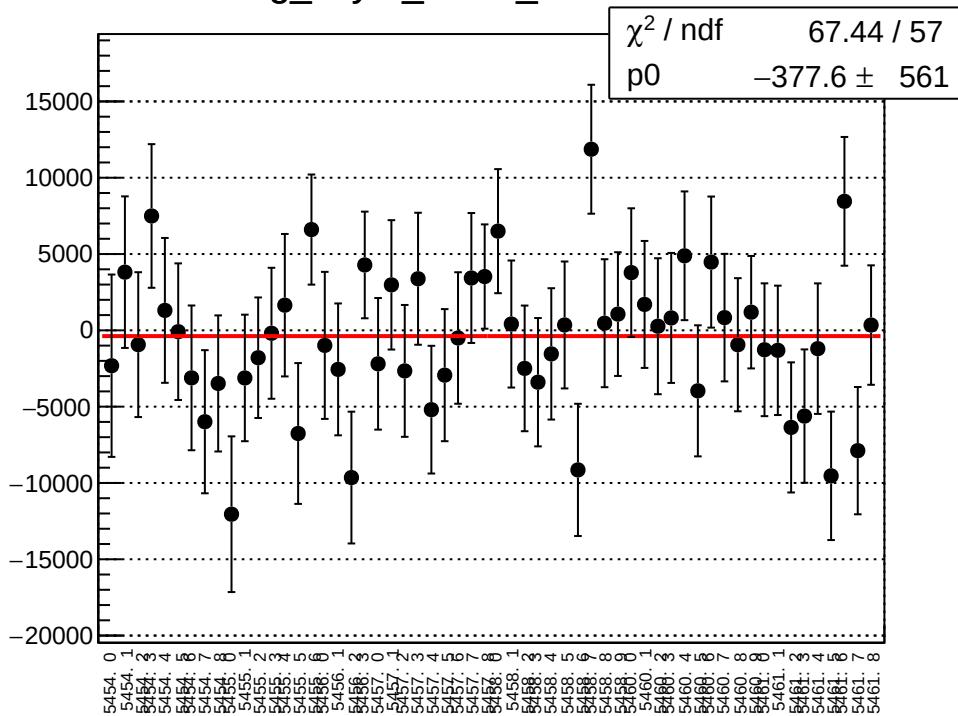




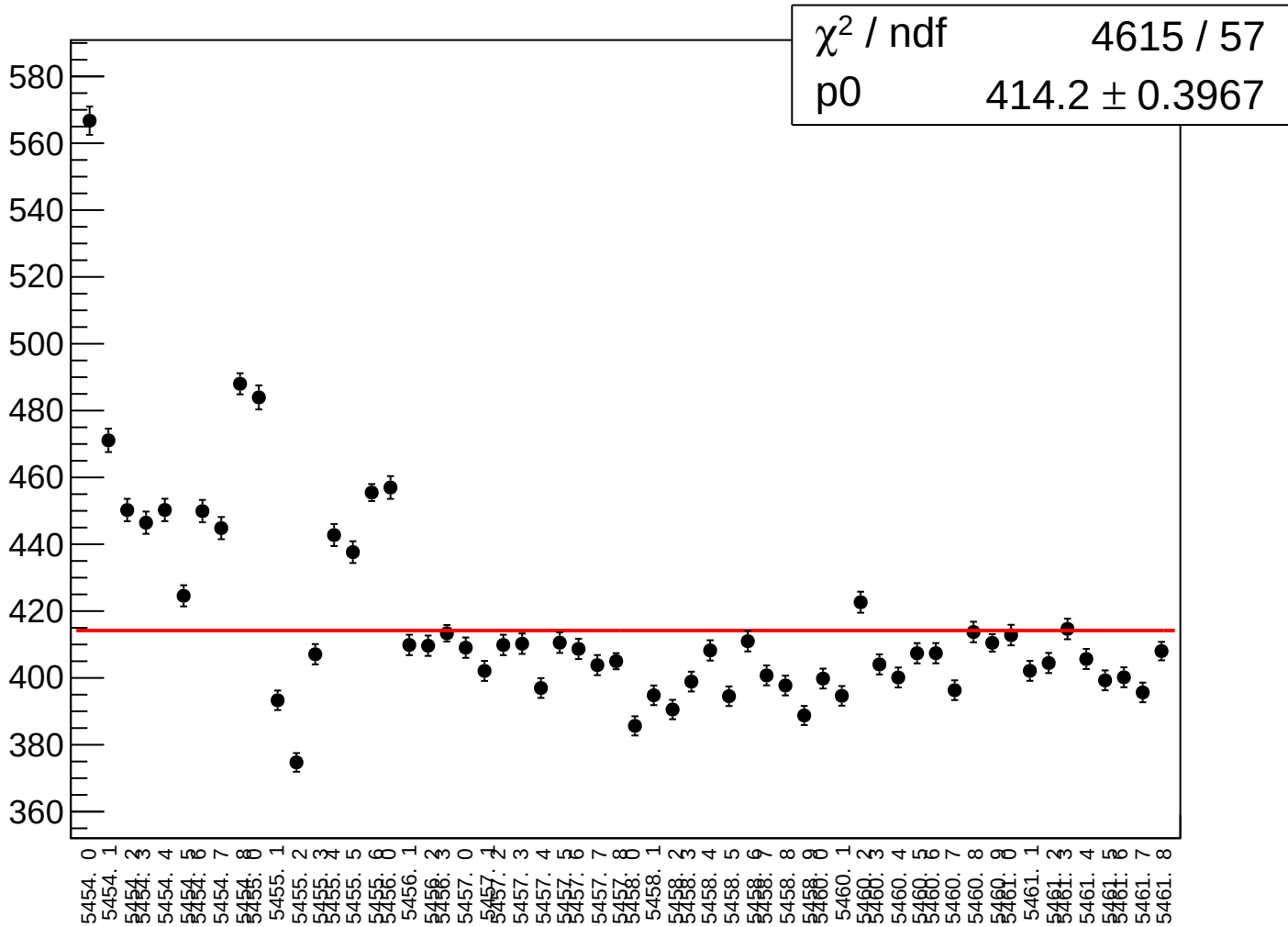




reg\_asym\_sam2\_mean vs run



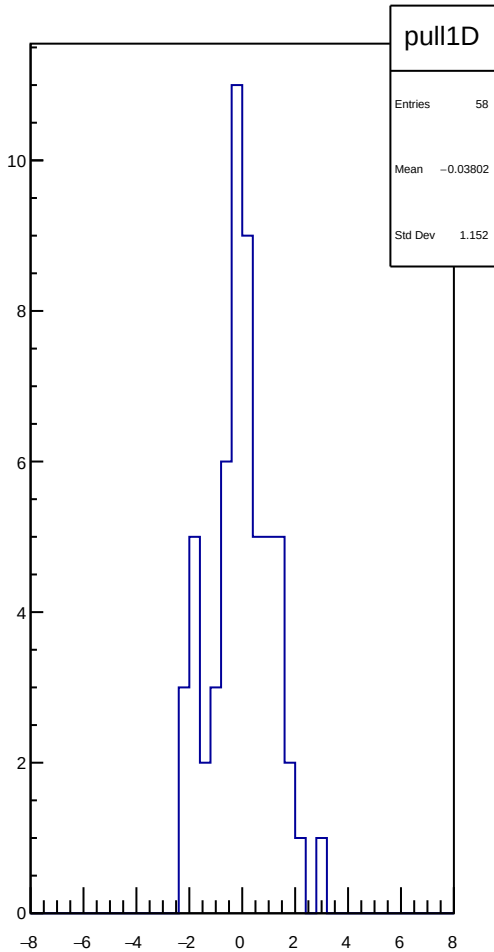
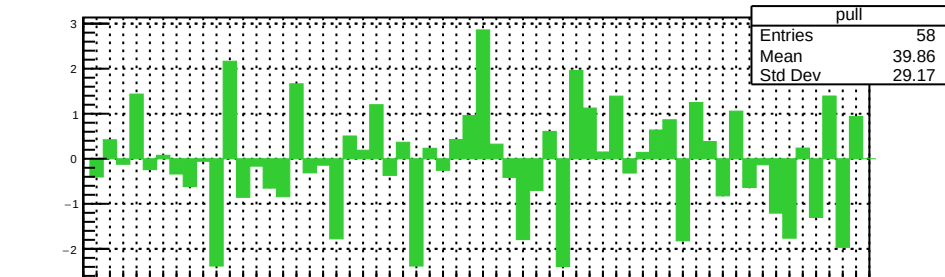
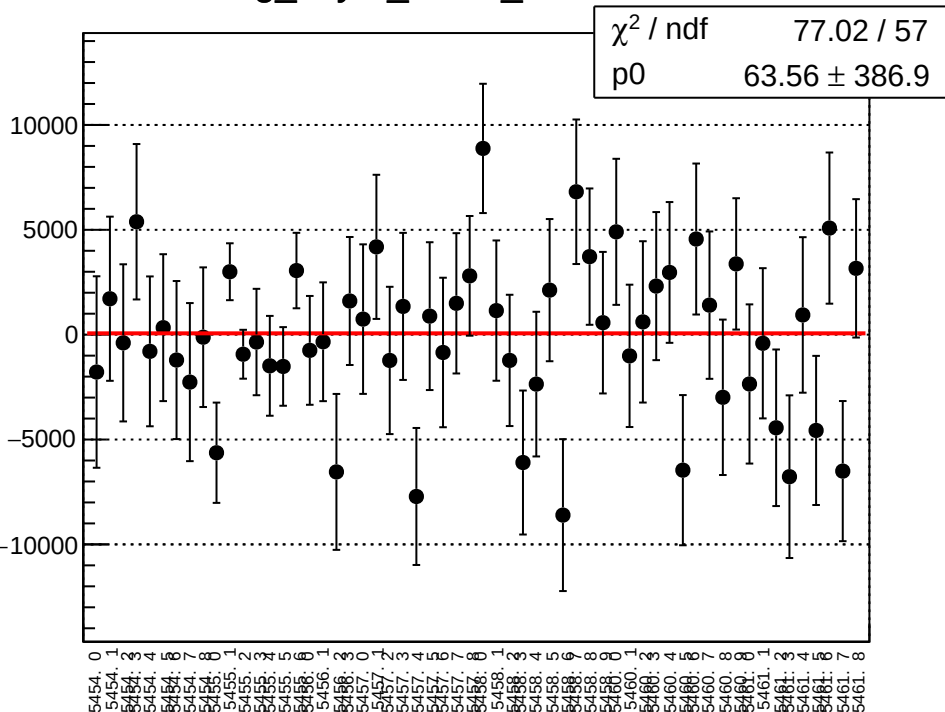
# reg\_asym\_sam2\_rms vs run



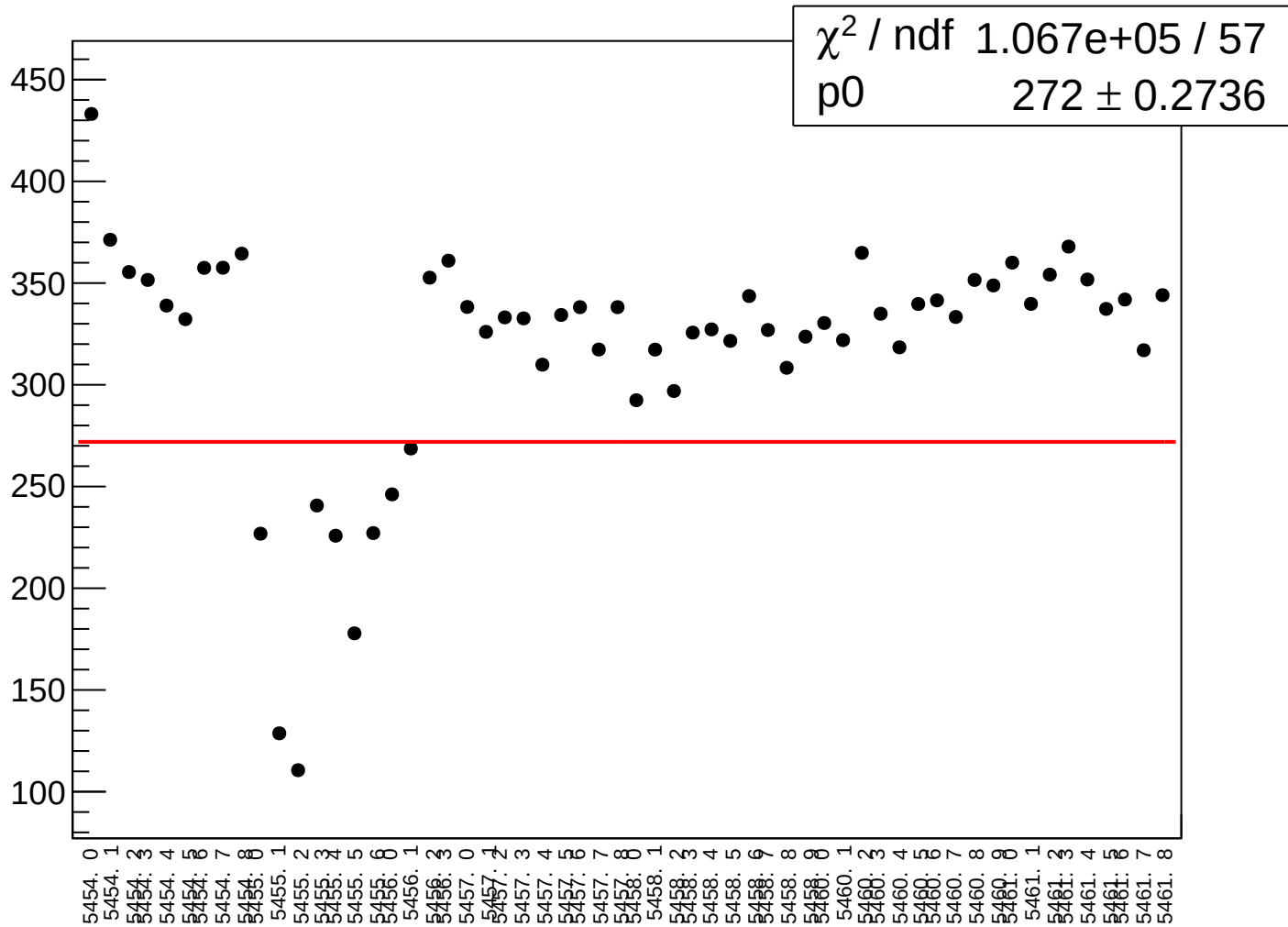




## reg\_asym\_sam3\_mean vs run



reg\_asym\_sam3\_rms vs run

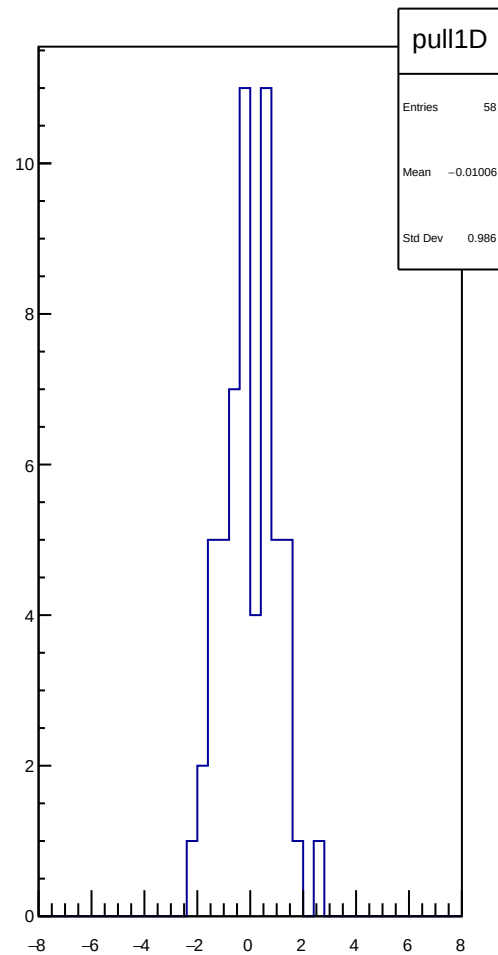
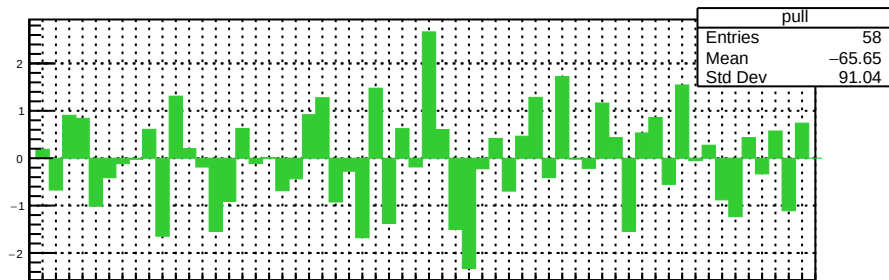
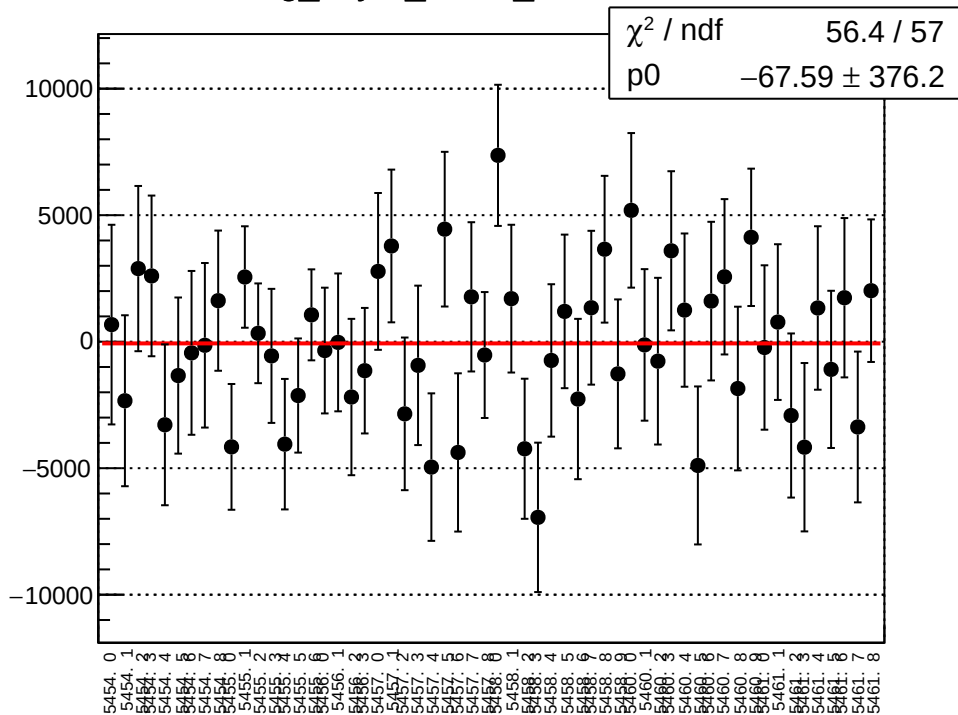




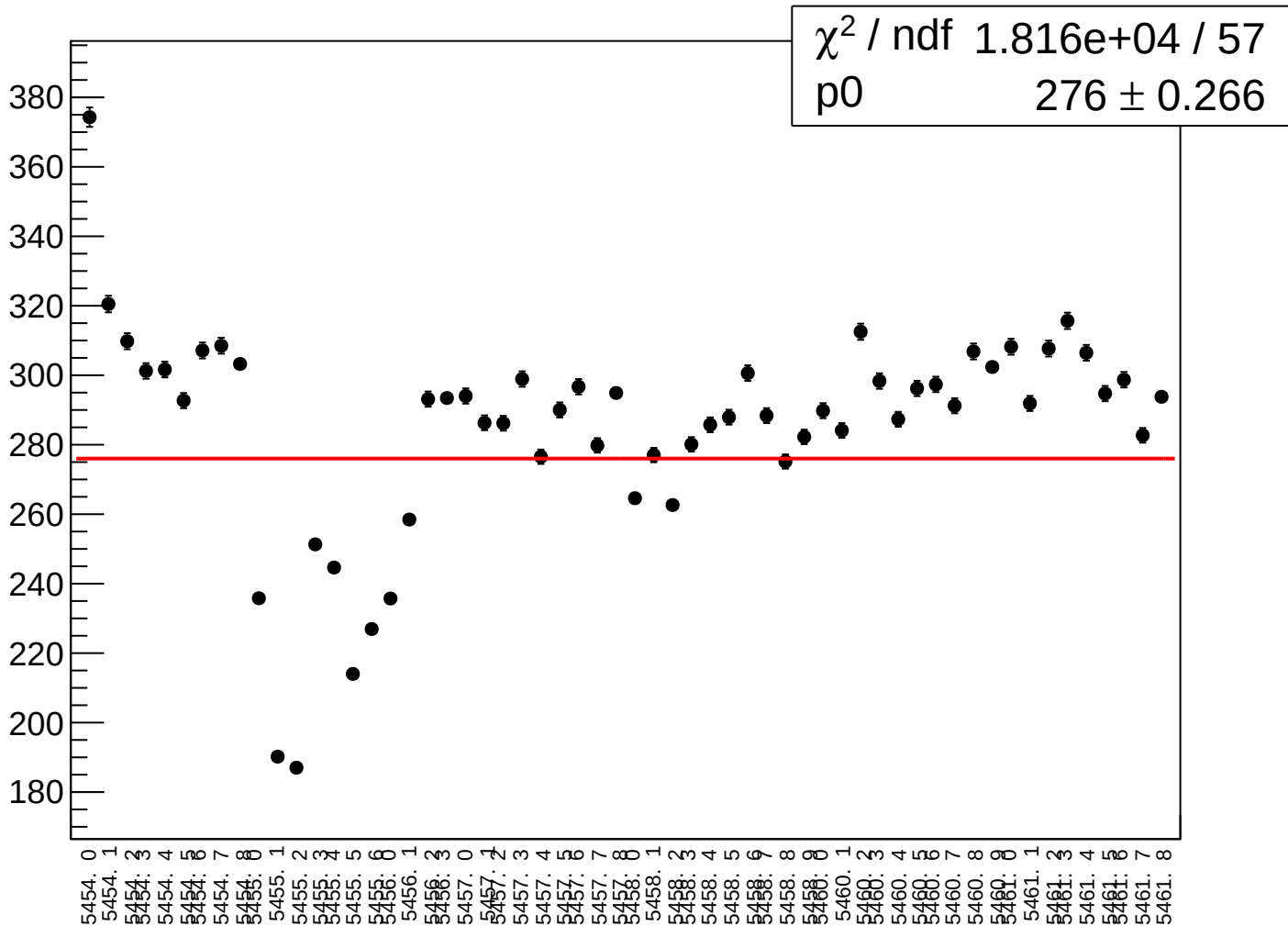


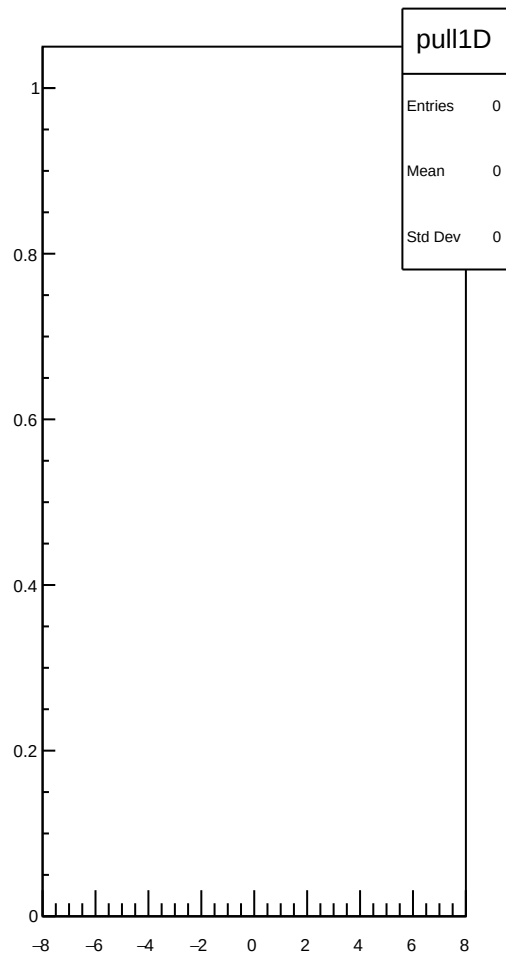


reg\_asym\_sam4\_mean vs run



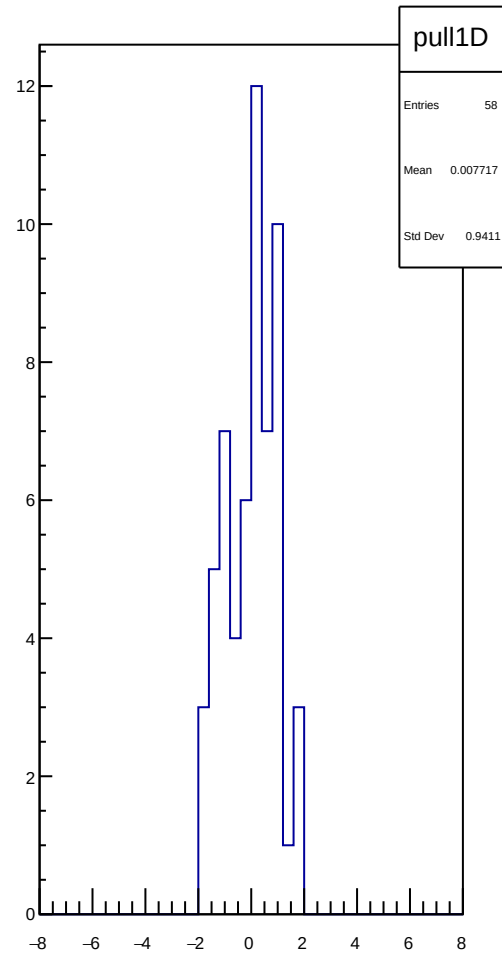
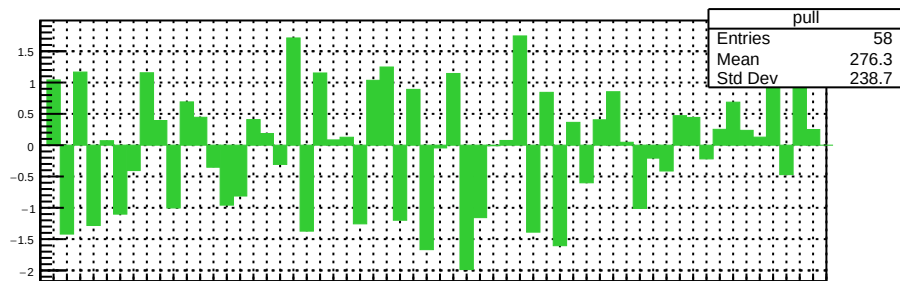
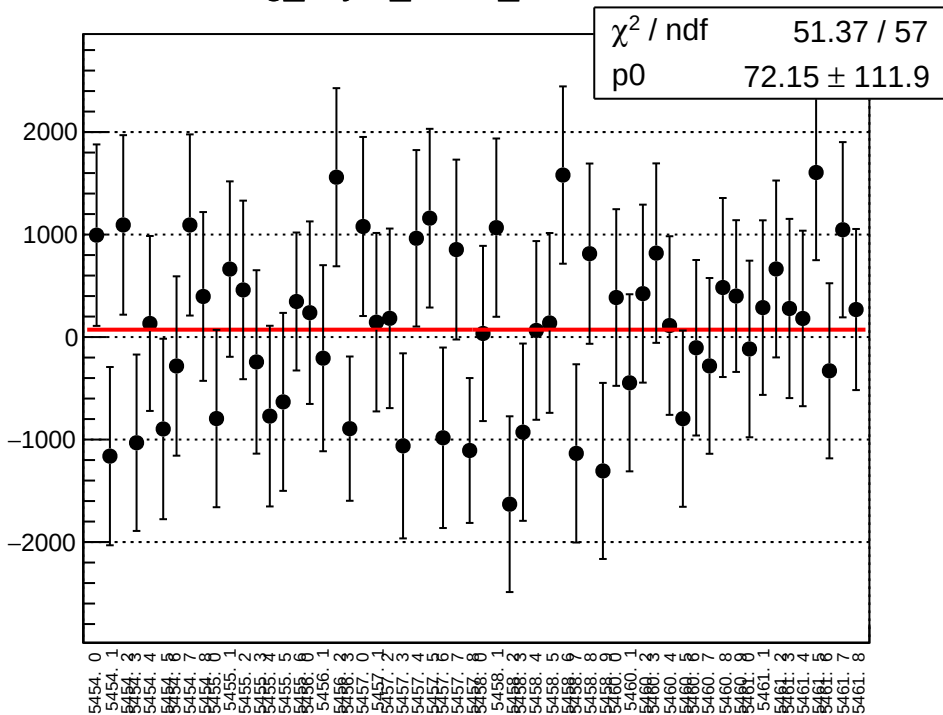
# reg\_asym\_sam4\_rms vs run







# reg\_asym\_sam5\_mean vs run



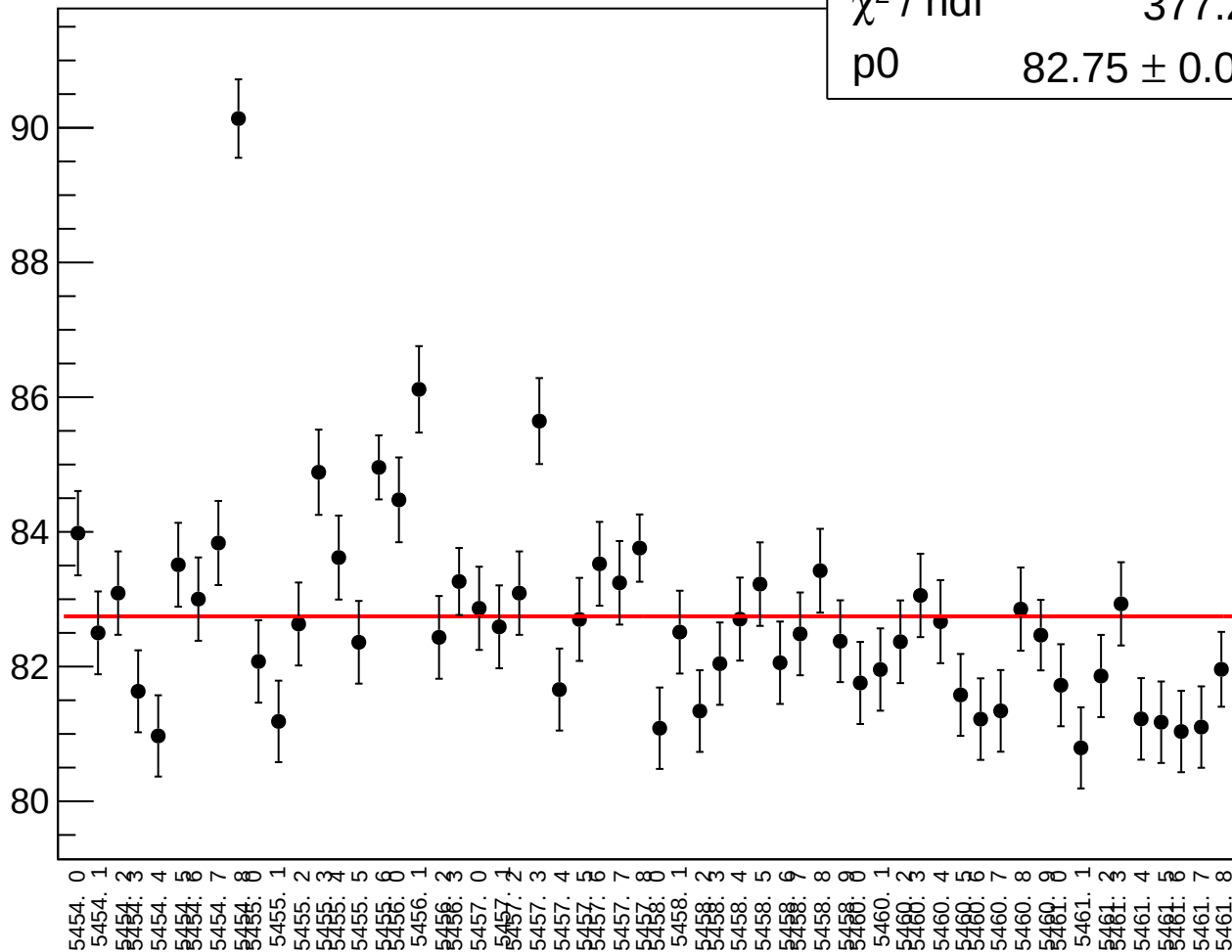
# reg\_asym\_sam5\_rms vs run

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

377.2 / 57

p0

$82.75 \pm 0.07909$

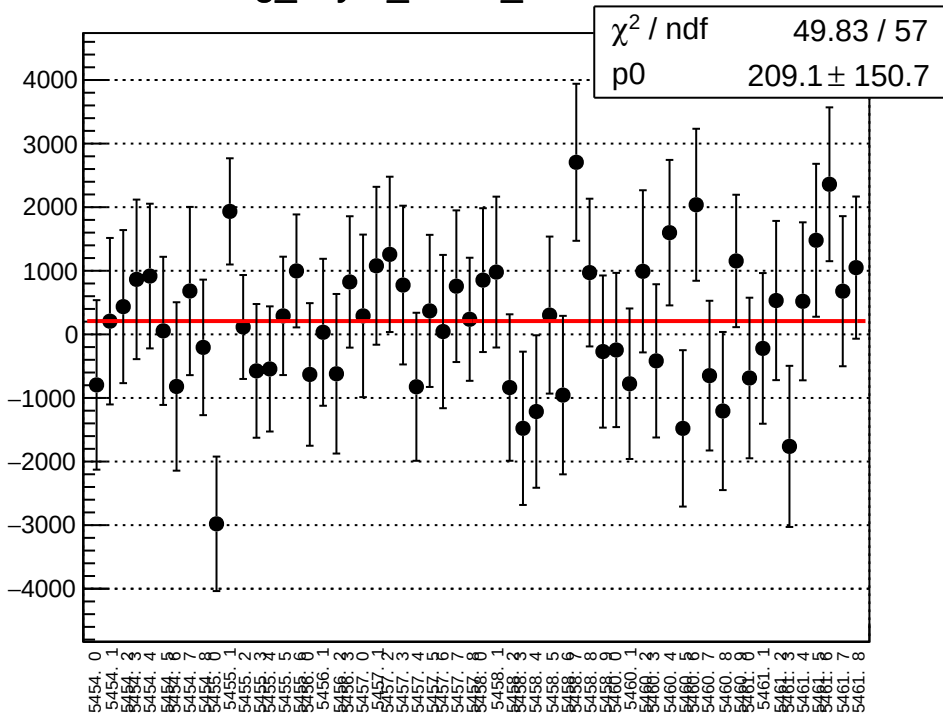








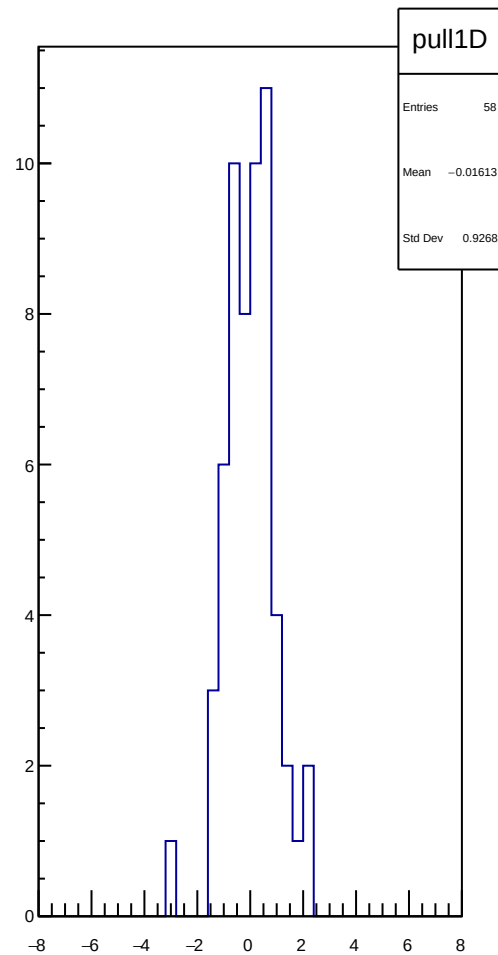
reg\_asym\_sam6\_mean vs run



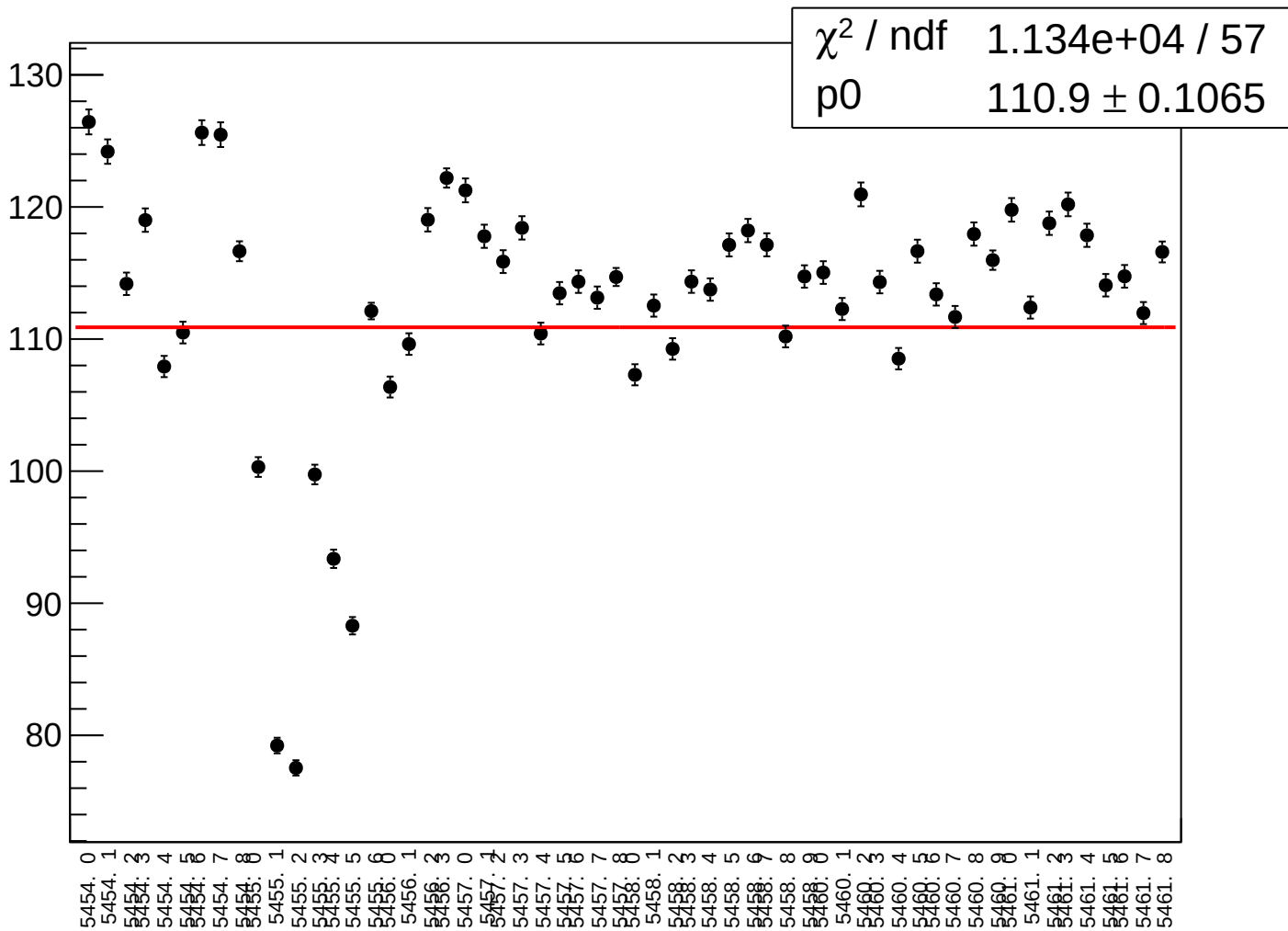
5454 5454.1 5454.2 5454.3 5454.4 5454.5 5454.6 5454.7 5454.8 5454.9 5455 5455.1 5455.2 5455.3 5455.4 5455.5 5455.6 5455.7 5455.8 5455.9 5456 5456.1 5456.2 5456.3 5456.4 5456.5 5456.6 5456.7 5456.8 5456.9 5457 5457.1 5457.2 5457.3 5457.4 5457.5 5457.6 5457.7 5457.8 5457.9 5458 5458.1 5458.2 5458.3 5458.4 5458.5 5458.6 5458.7 5458.8 5458.9 5459 5459.1 5459.2 5459.3 5459.4 5459.5 5459.6 5459.7 5459.8 5459.9 5460 5460.1 5460.2 5460.3 5460.4 5460.5 5460.6 5460.7 5460.8 5460.9 5461 5461.1

pull

|         |        |
|---------|--------|
| Entries | 58     |
| Mean    | -73.77 |
| Std Dev | 106.8  |



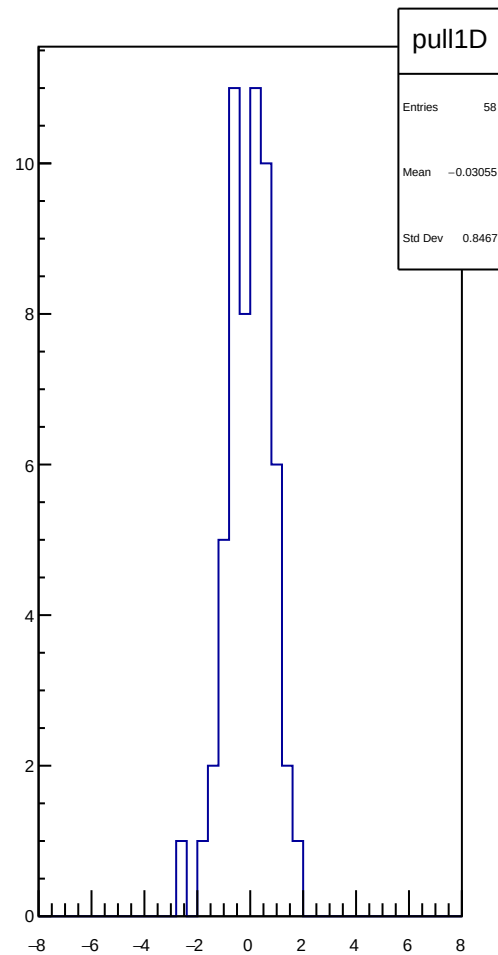
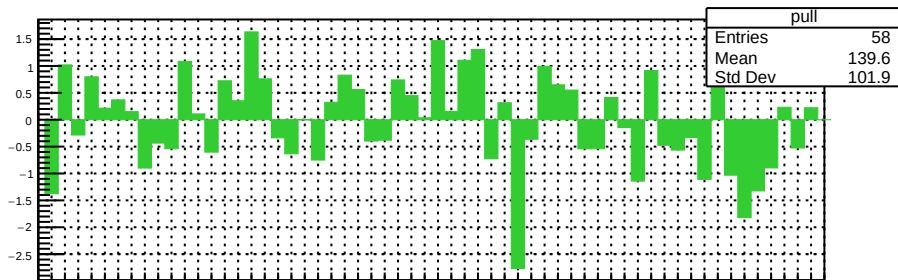
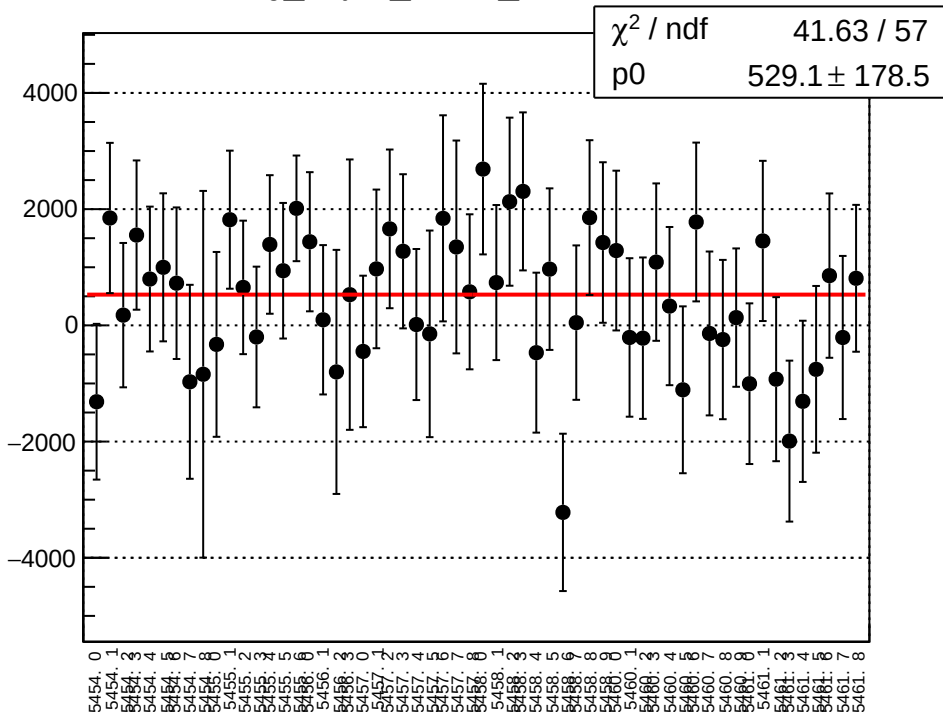
reg\_asym\_sam6\_rms vs run



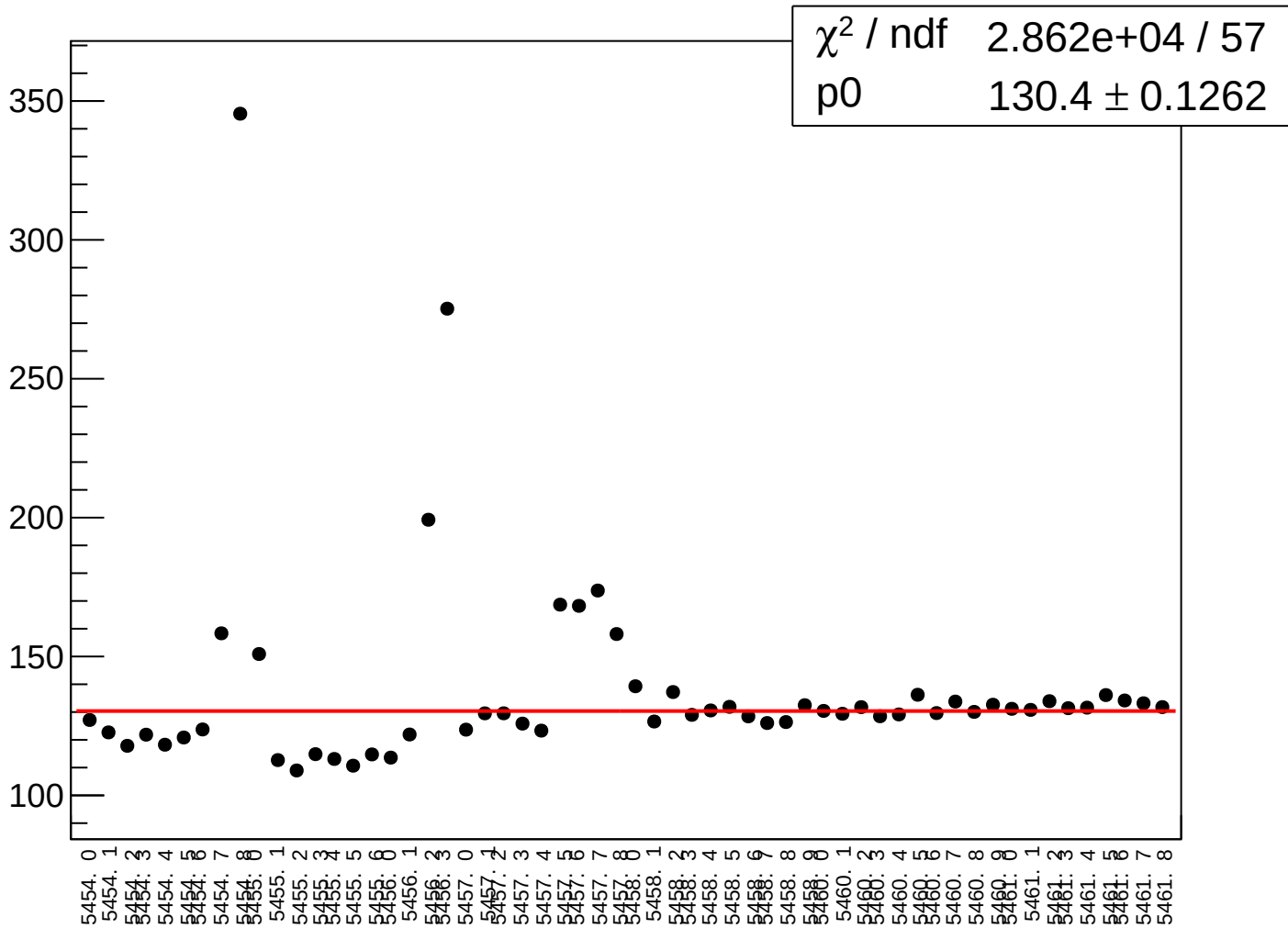




# reg\_asym\_sam7\_mean vs run



reg\_asym\_sam7\_rms vs run

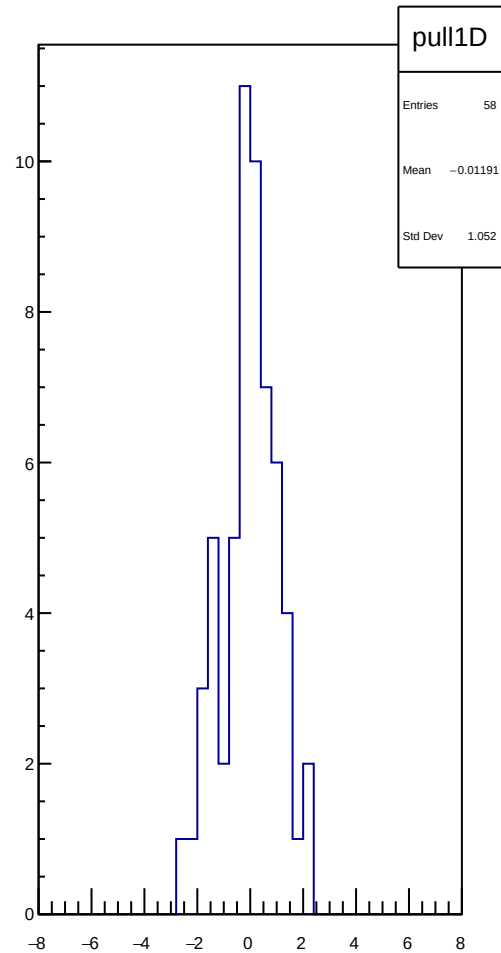
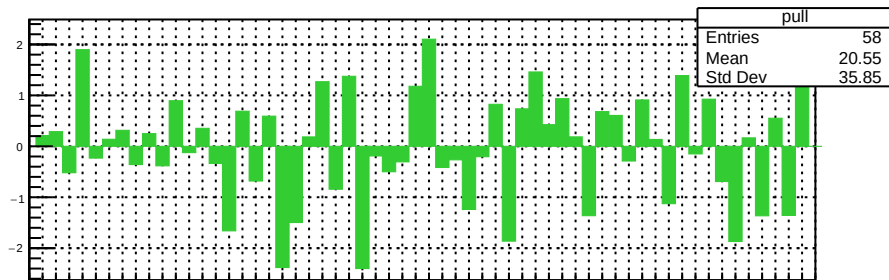
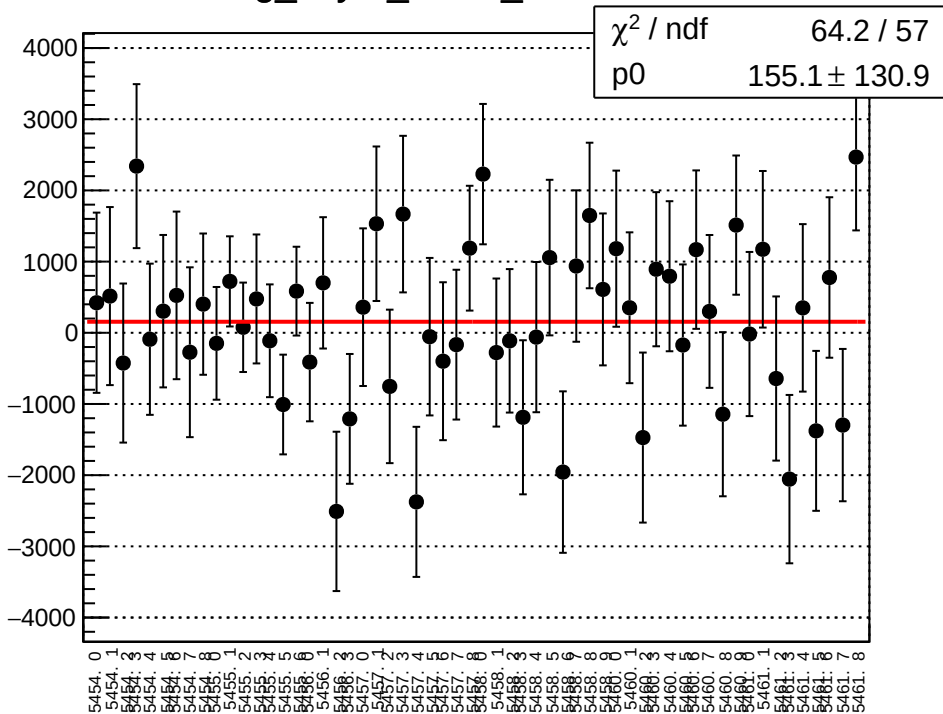




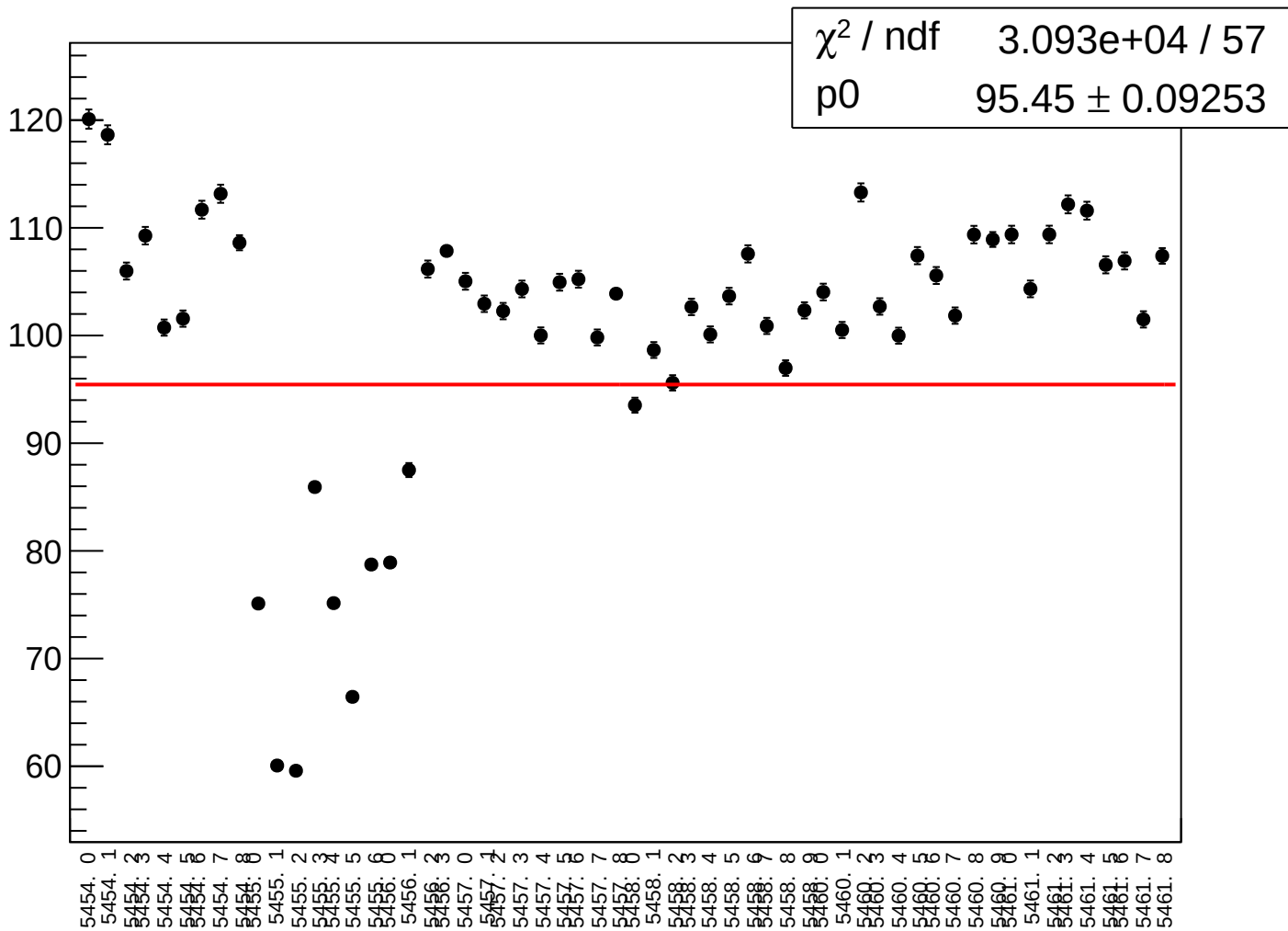




reg\_asym\_sam8\_mean vs run



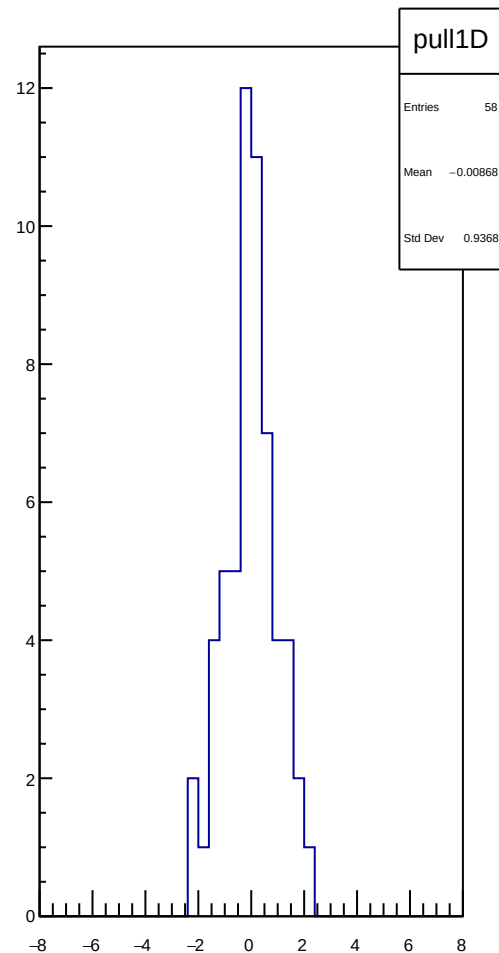
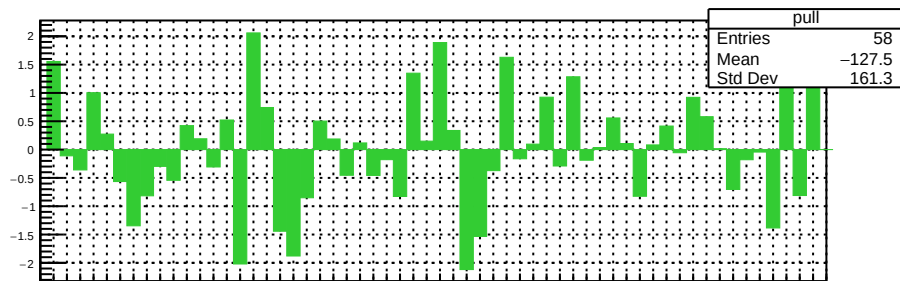
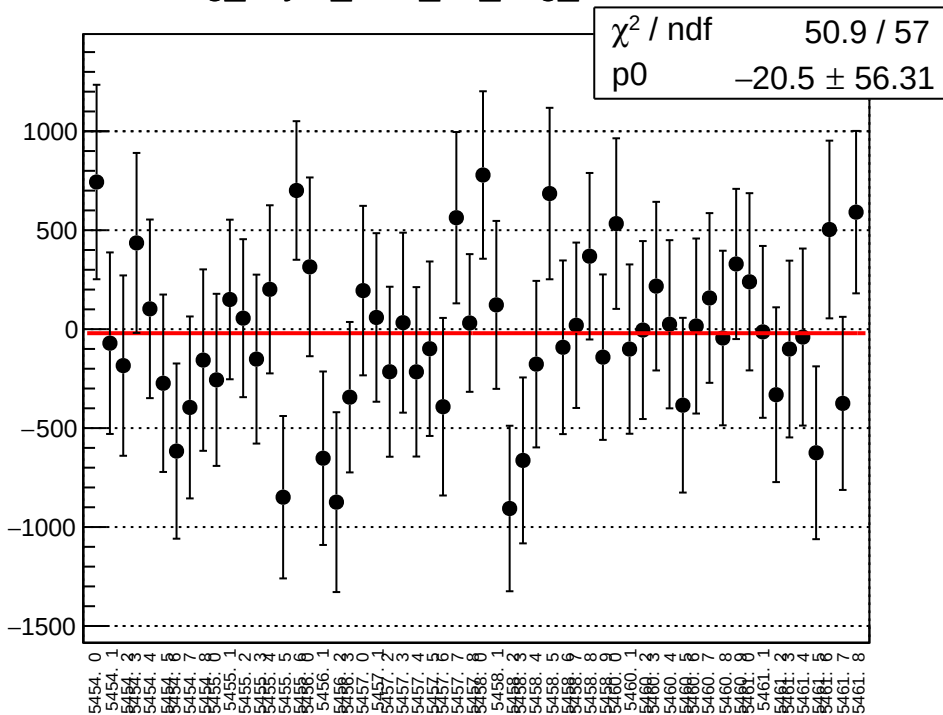
reg\_asym\_sam8\_rms vs run







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



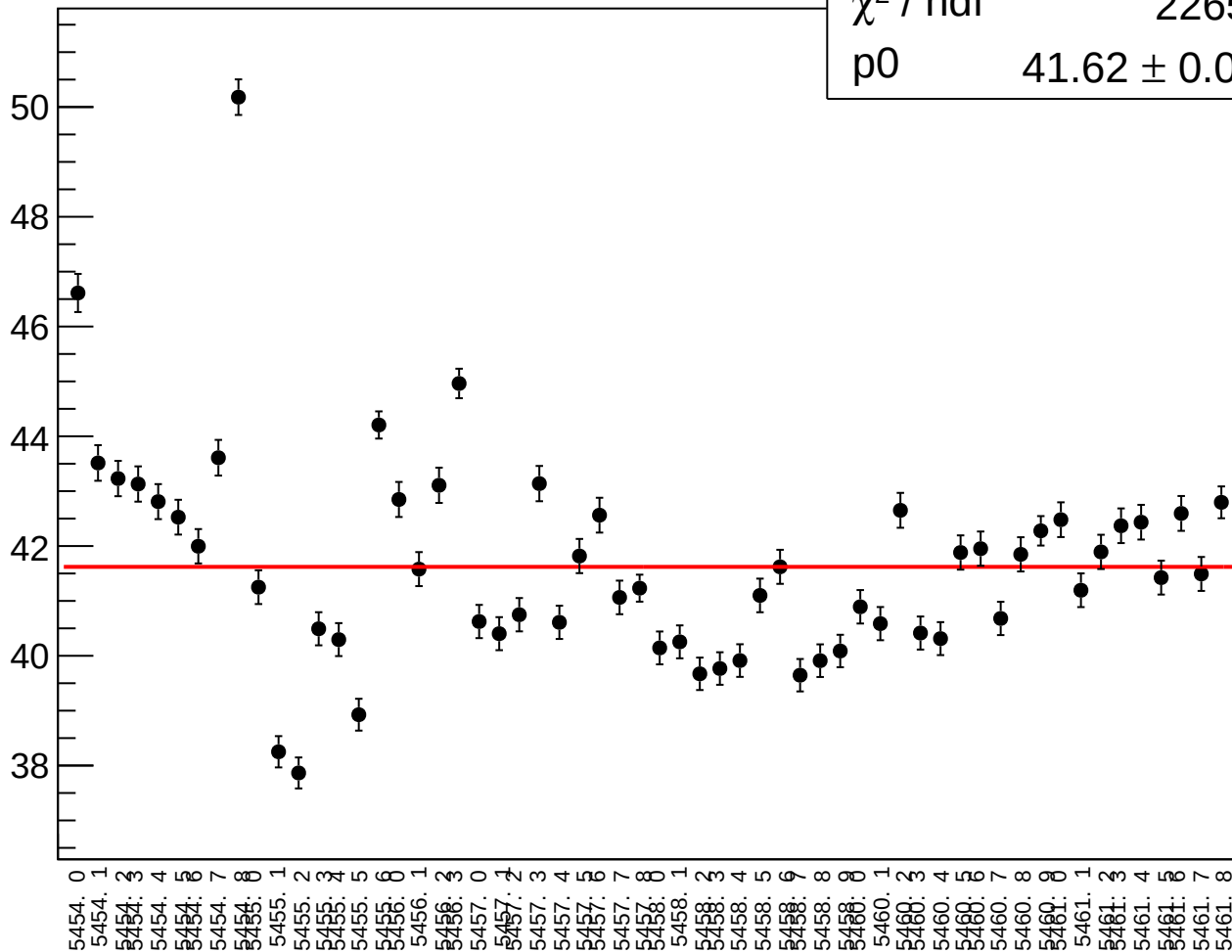
# reg\_asym\_sam\_15\_avg\_rms vs run

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

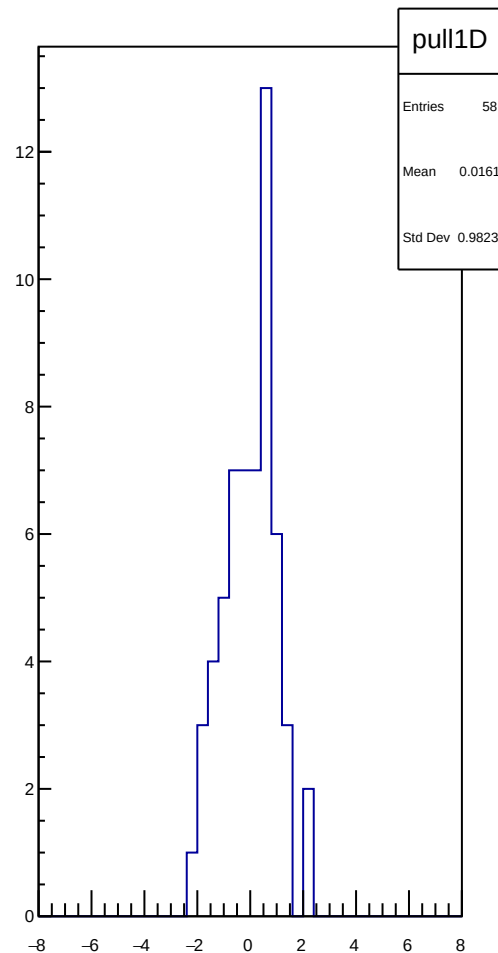
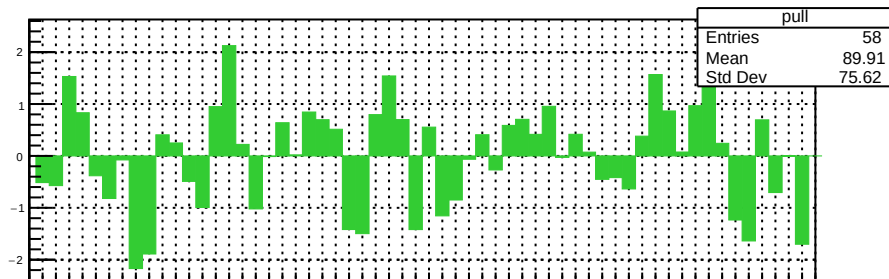
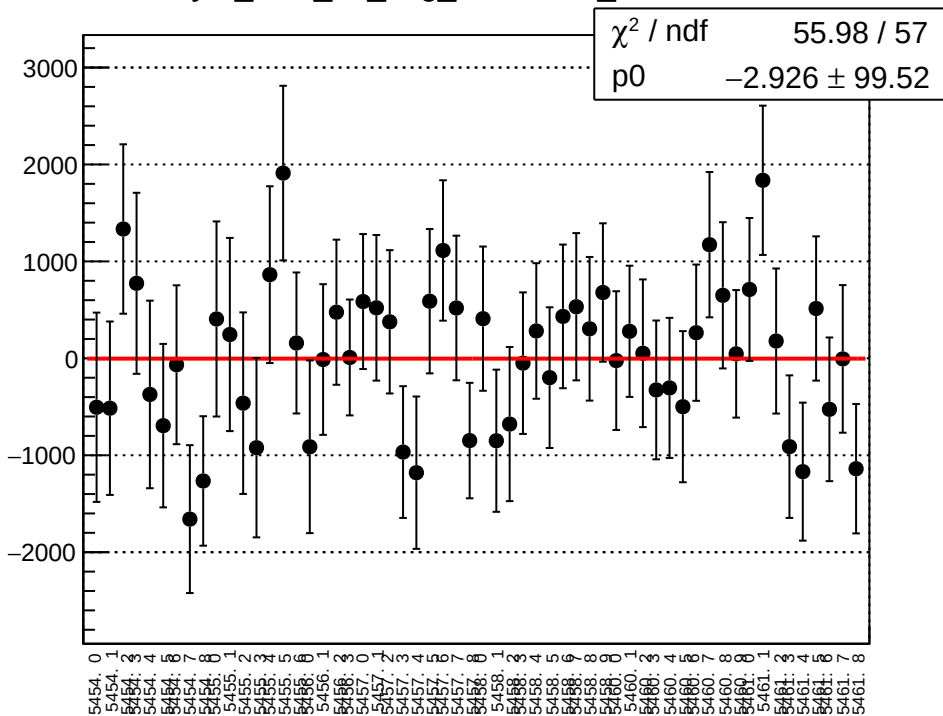
2265 / 57

p0

$41.62 \pm 0.03982$

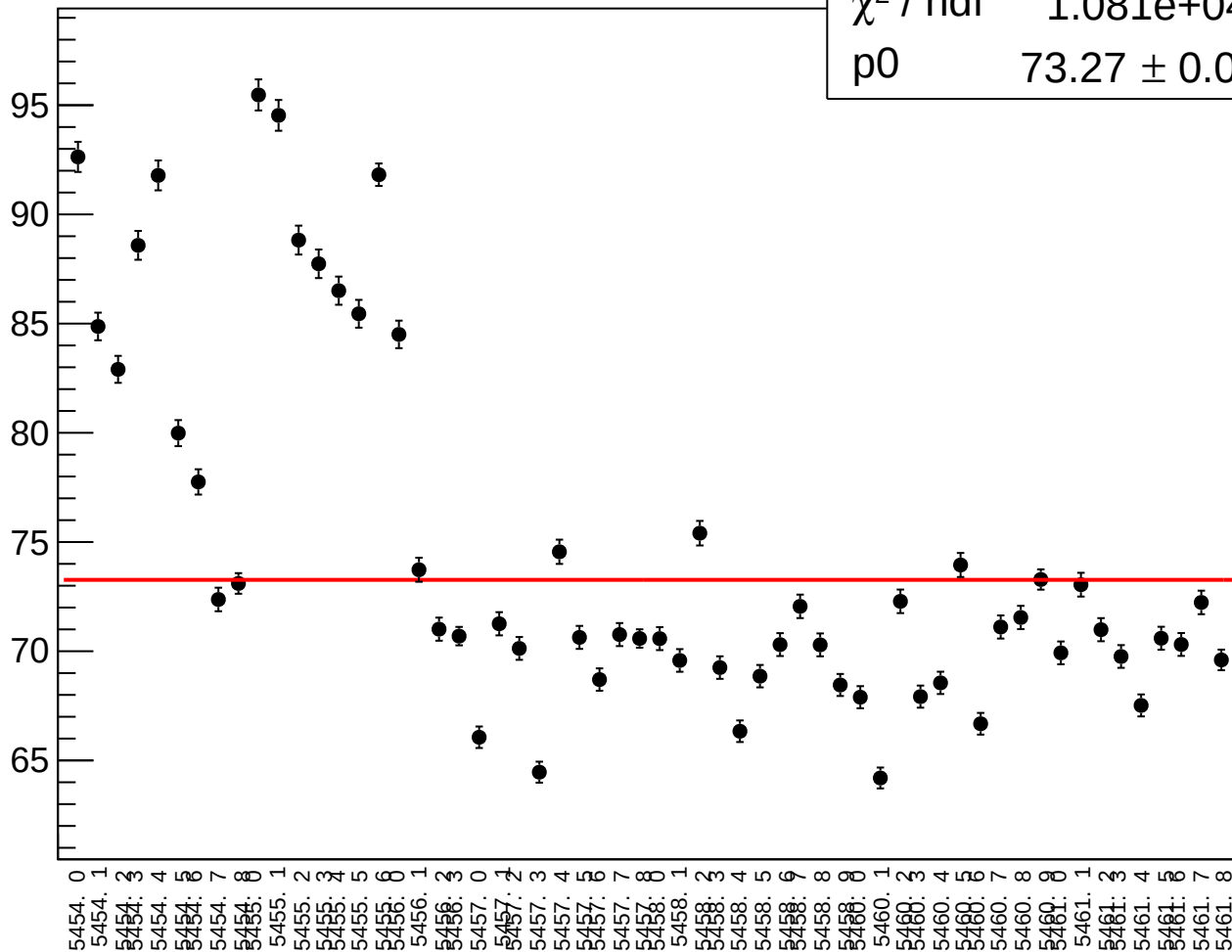


asym\_sam\_15\_avg\_correction\_mean vs run



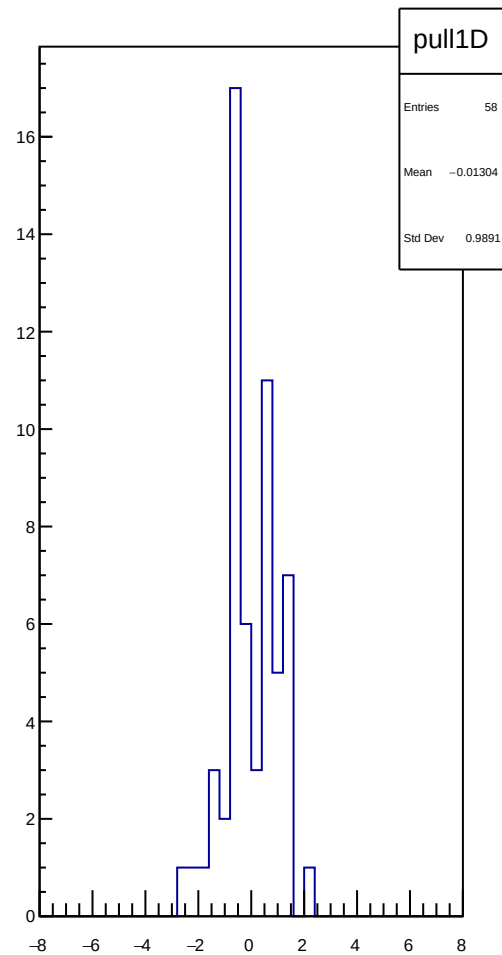
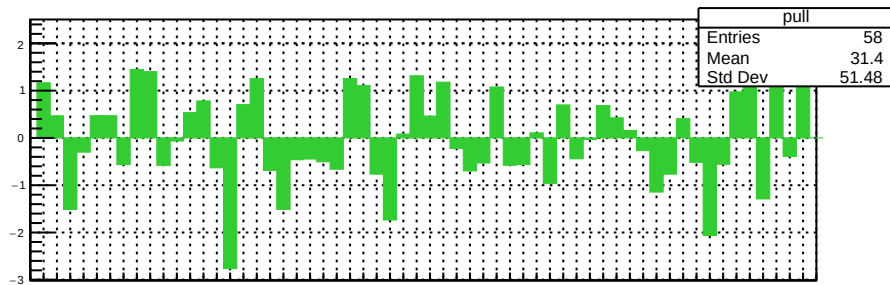
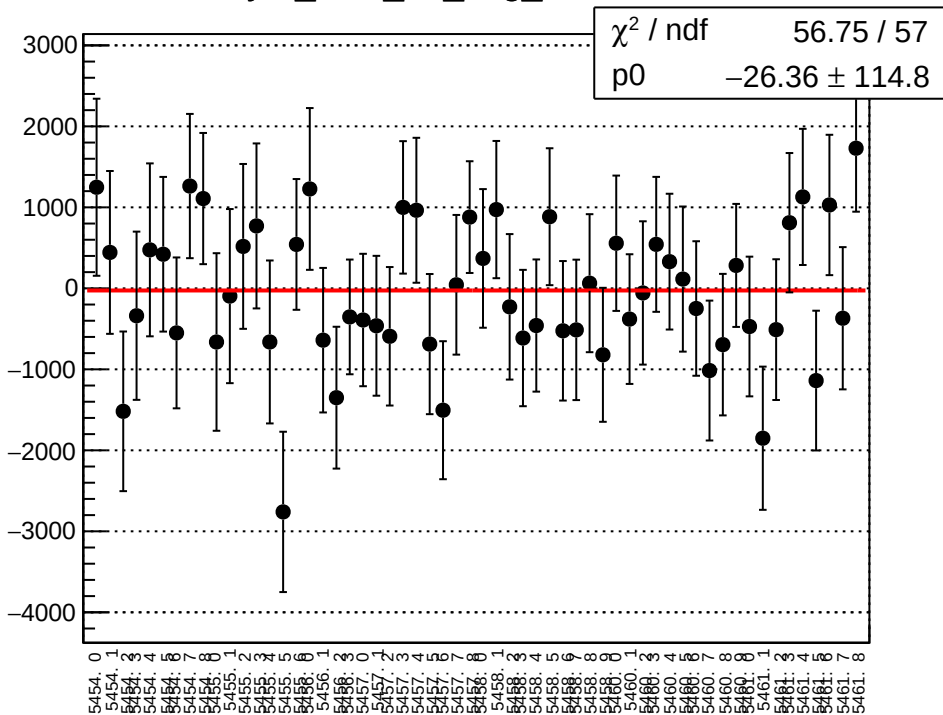
# asym\_sam\_15\_avg\_correction\_rms vs run

$\chi^2 / \text{ndf}$     1.081e+04 / 57  
 p0            73.27  $\pm$  0.07037

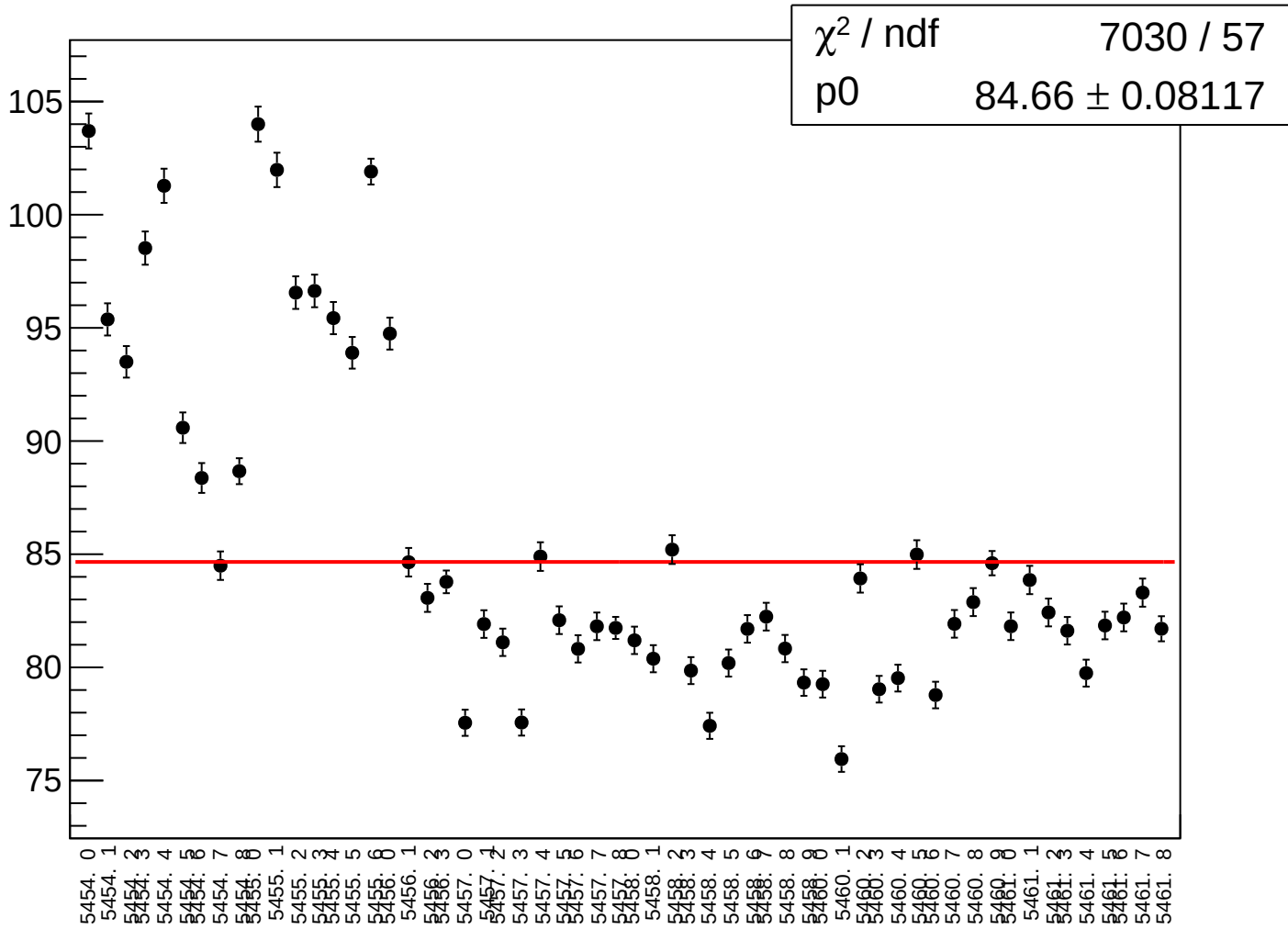




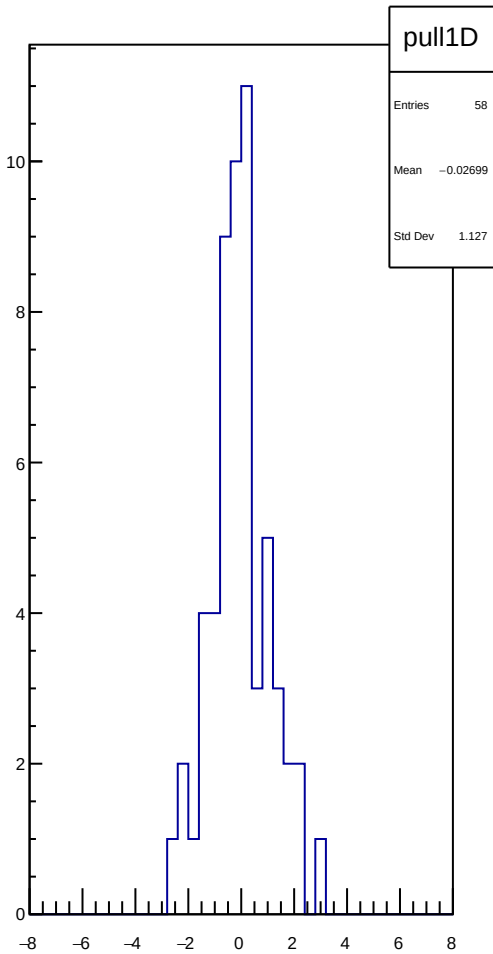
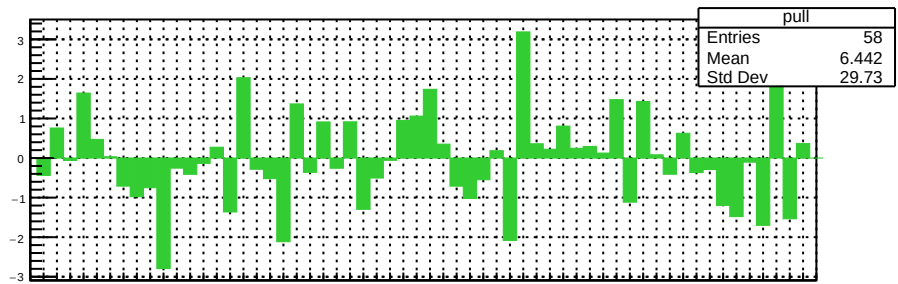
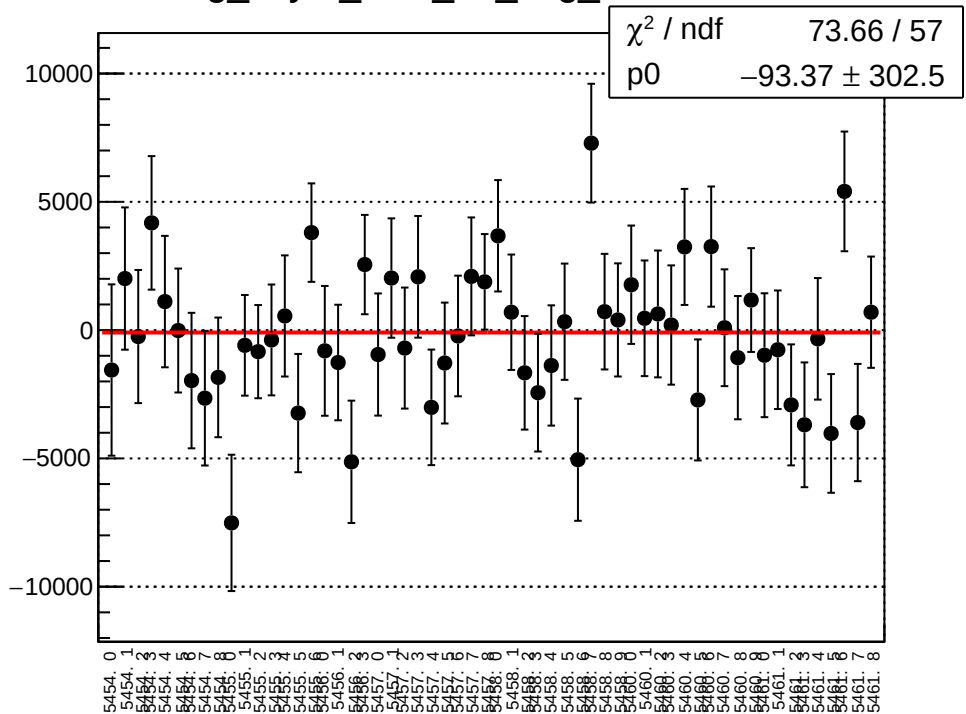
asym\_sam\_15\_avg\_mean vs run



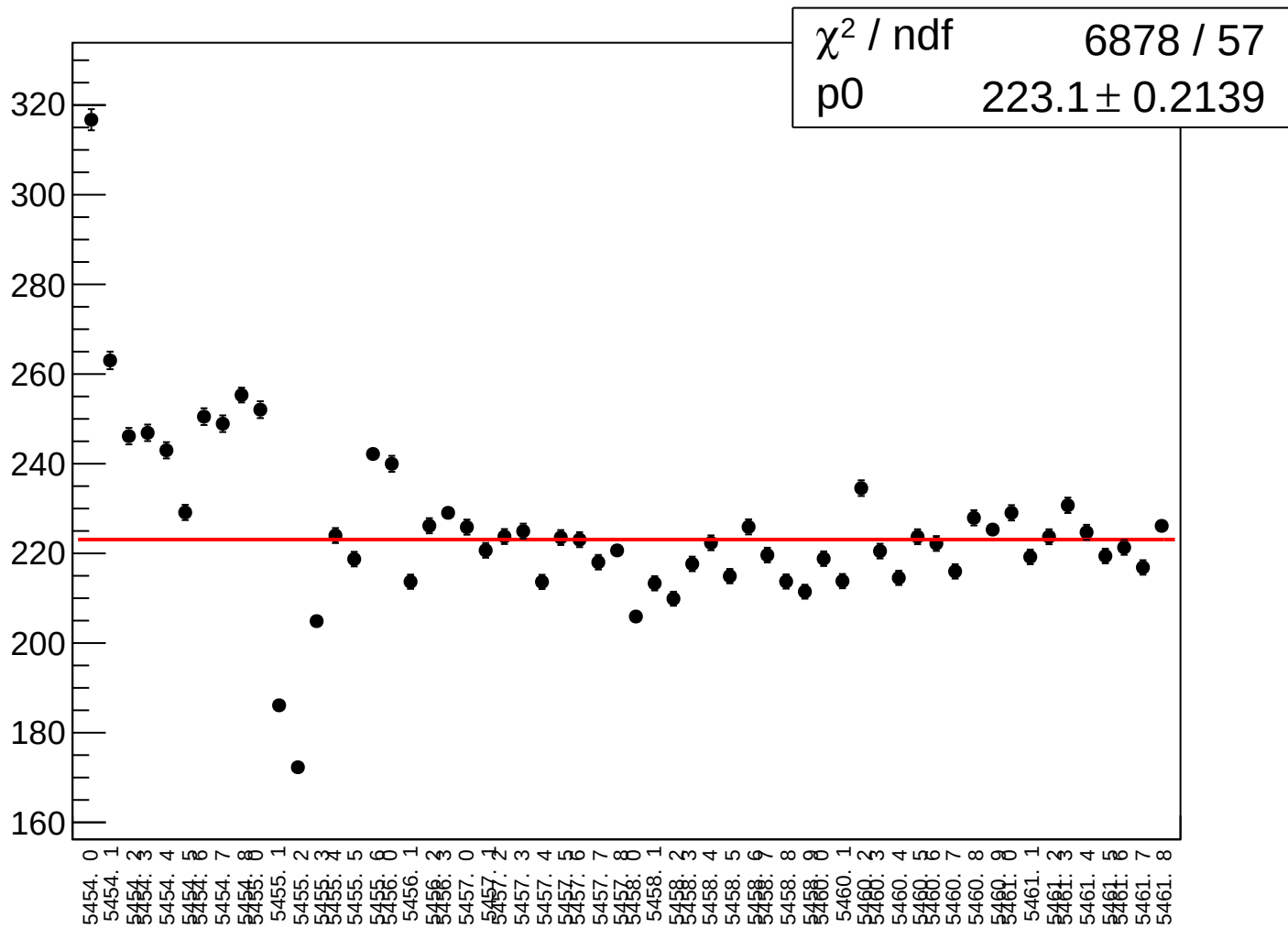
# asym\_sam\_15\_avg\_rms vs run



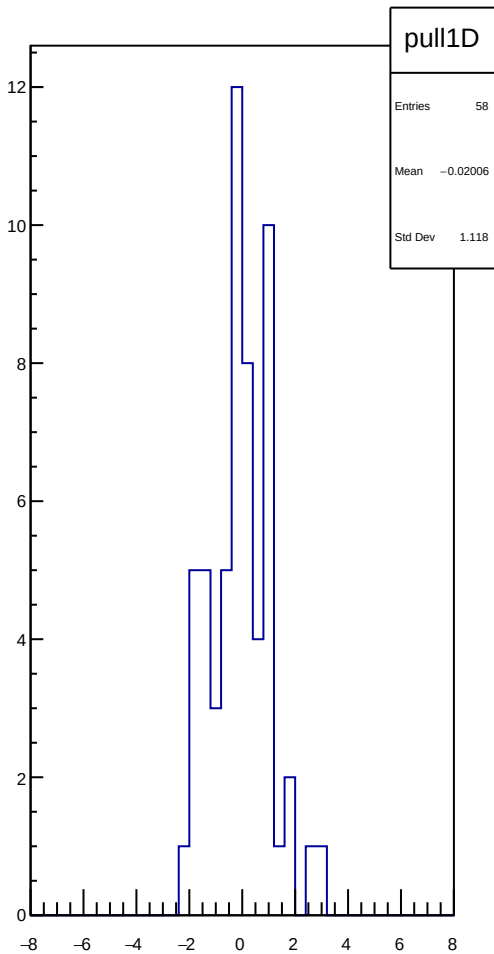
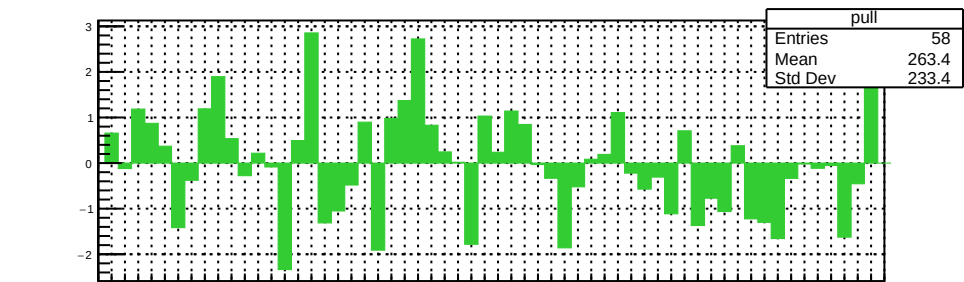
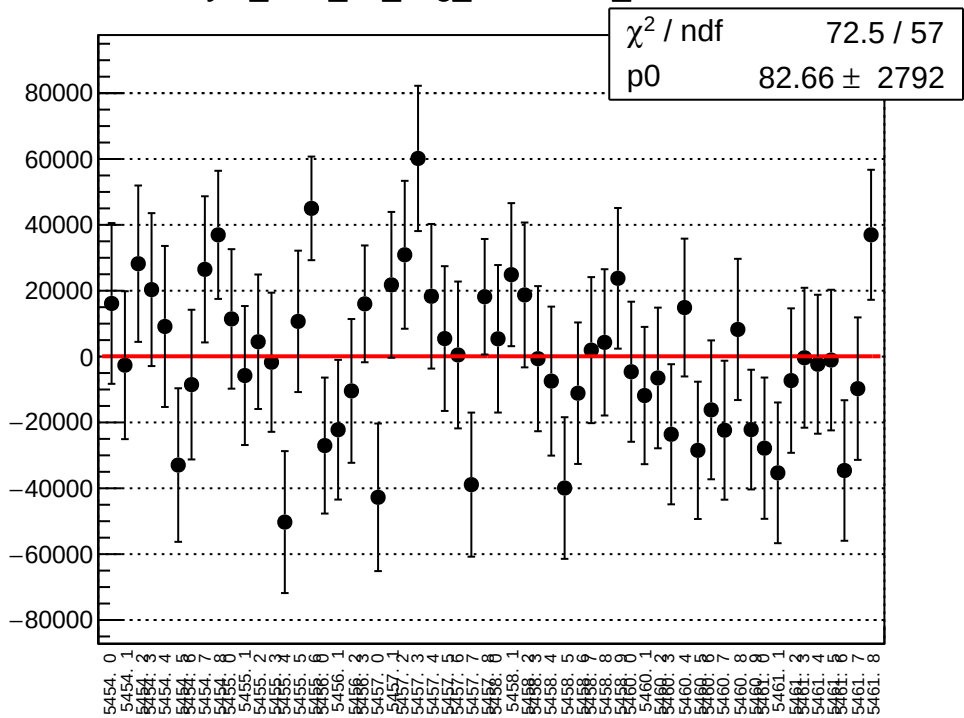
reg\_asym\_sam\_26\_avg\_mean vs run



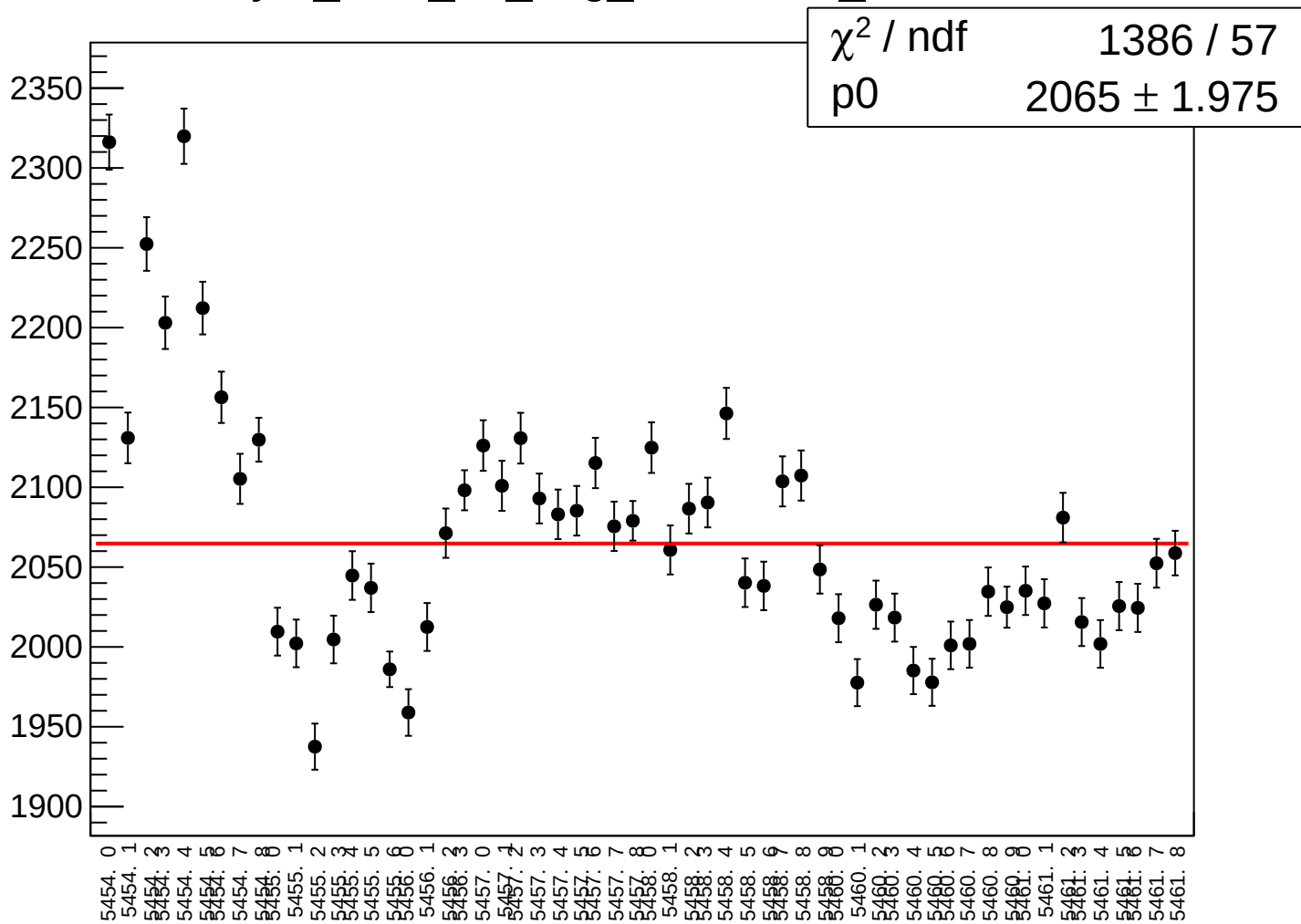
# reg\_asym\_sam\_26\_avg\_rms vs run



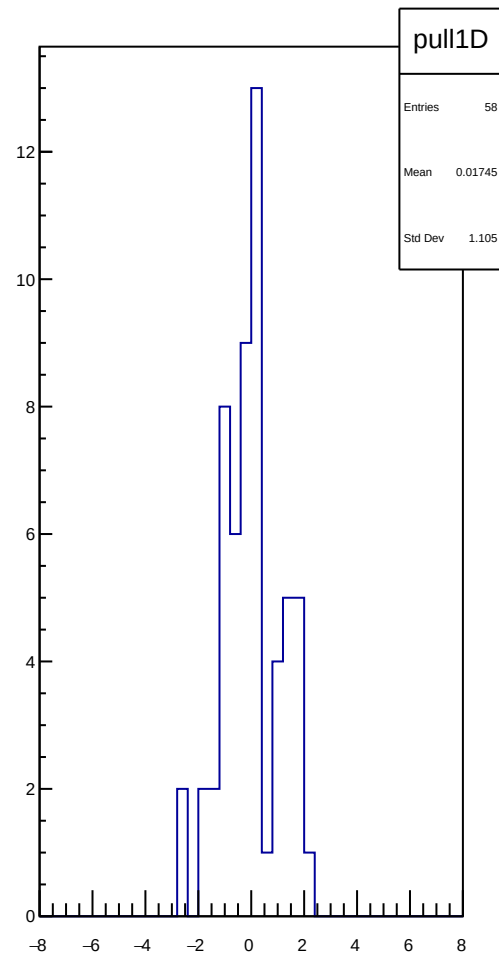
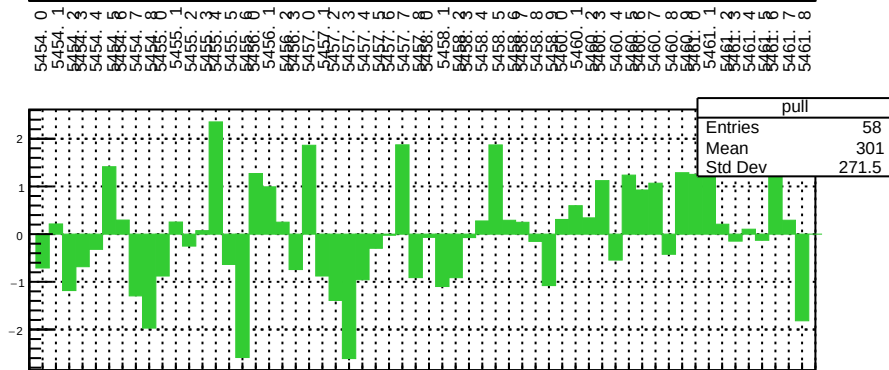
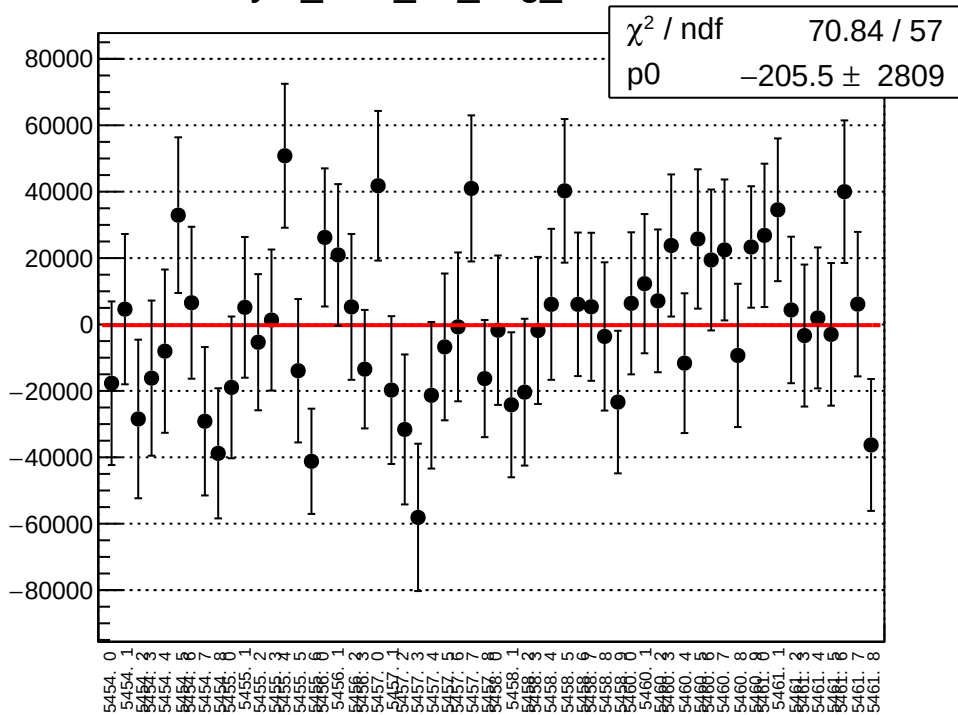
asym\_sam\_26\_avg\_correction\_mean vs run



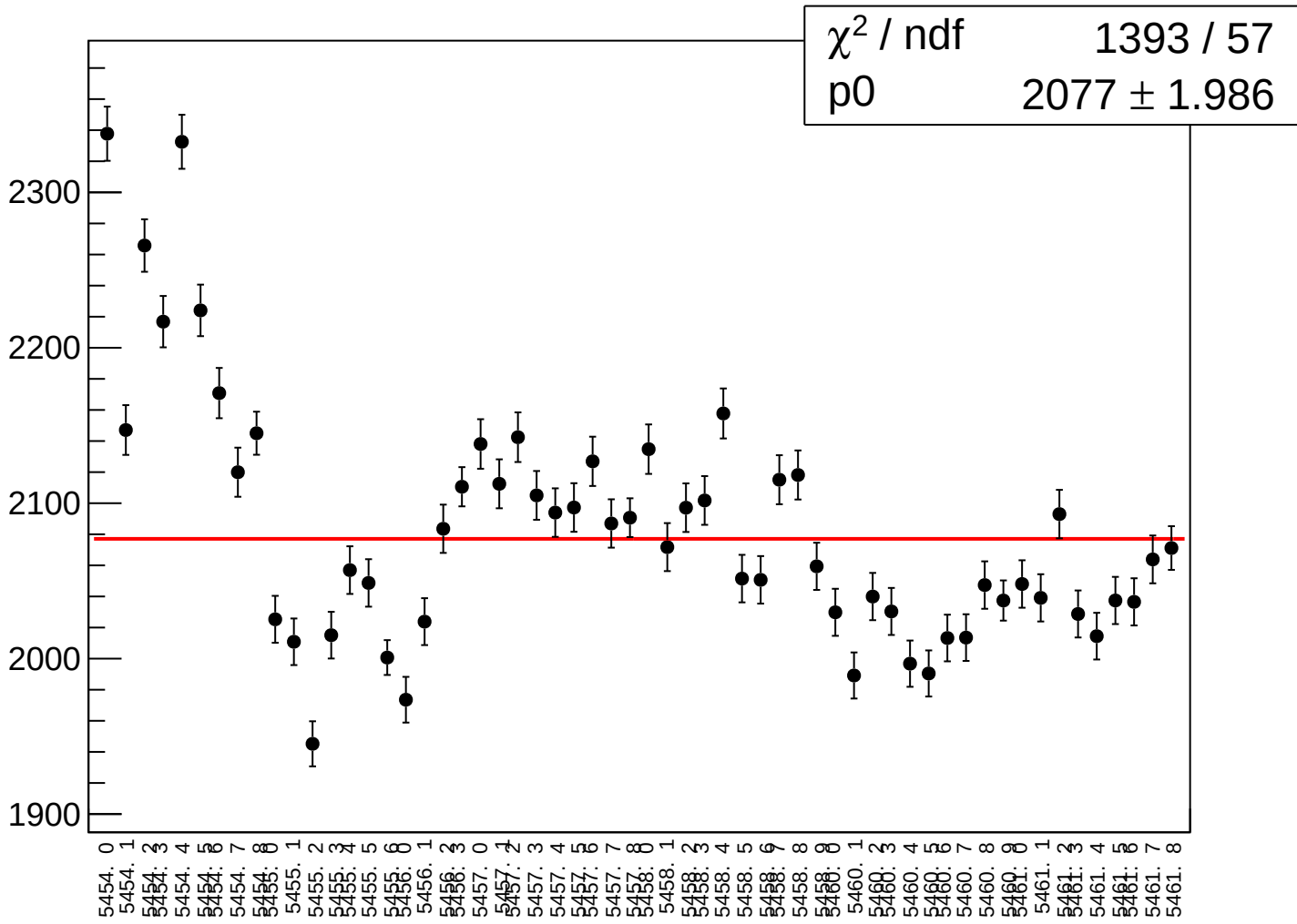
# asym\_sam\_26\_avg\_correction\_rms vs run



asym\_sam\_26\_avg\_mean vs run

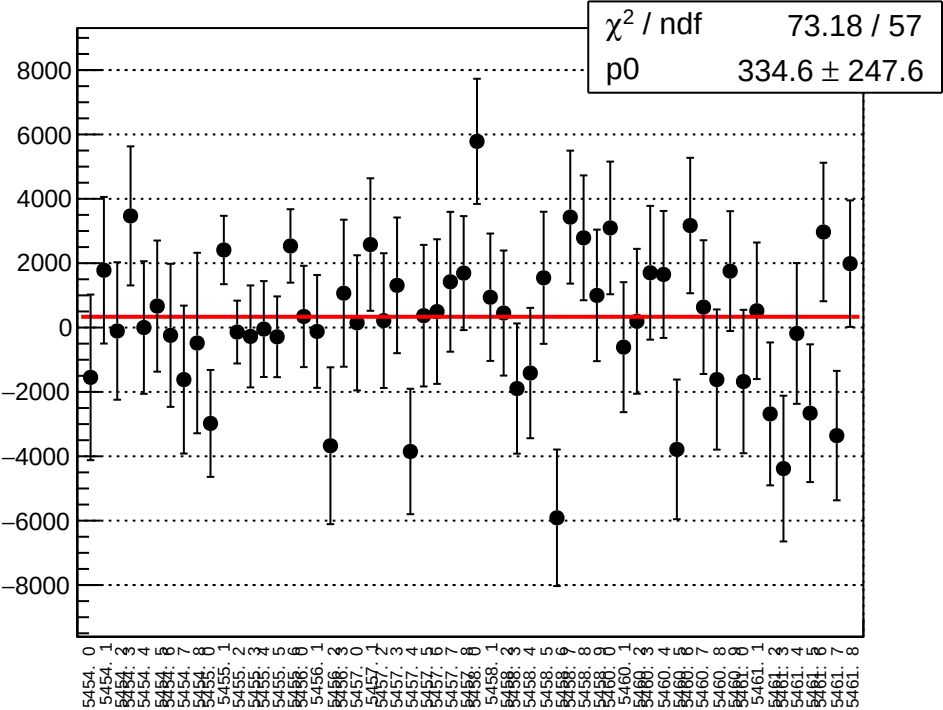


# asym\_sam\_26\_avg\_rms vs run

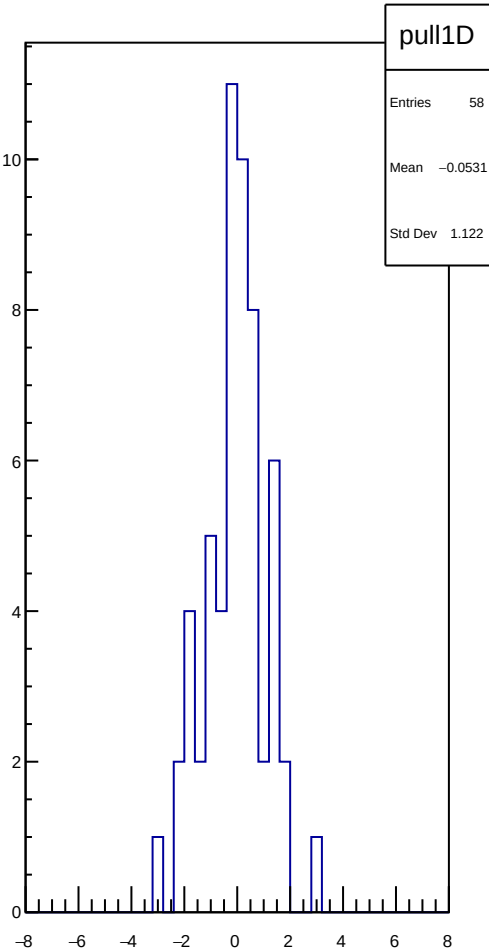
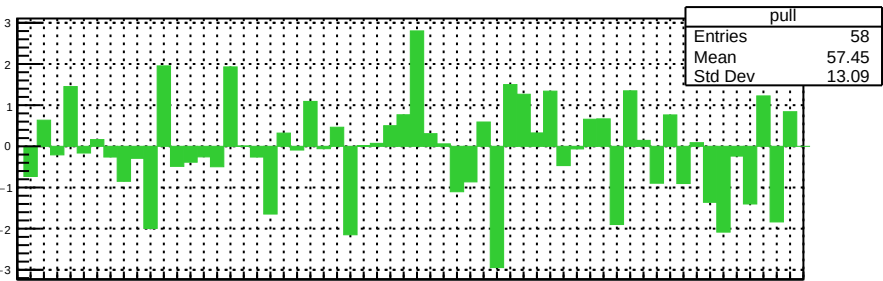




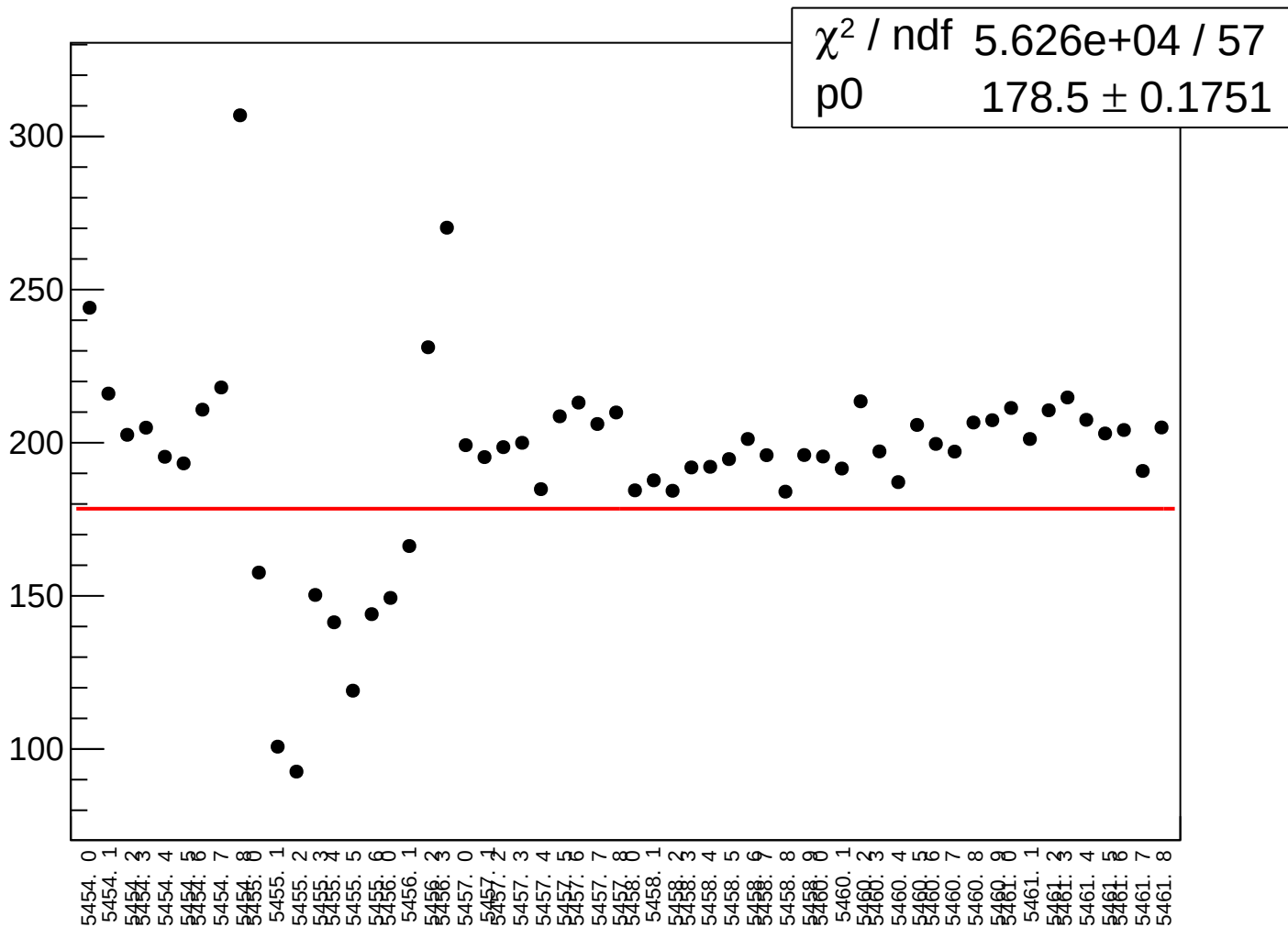
reg\_asym\_sam\_37\_avg\_mean vs run



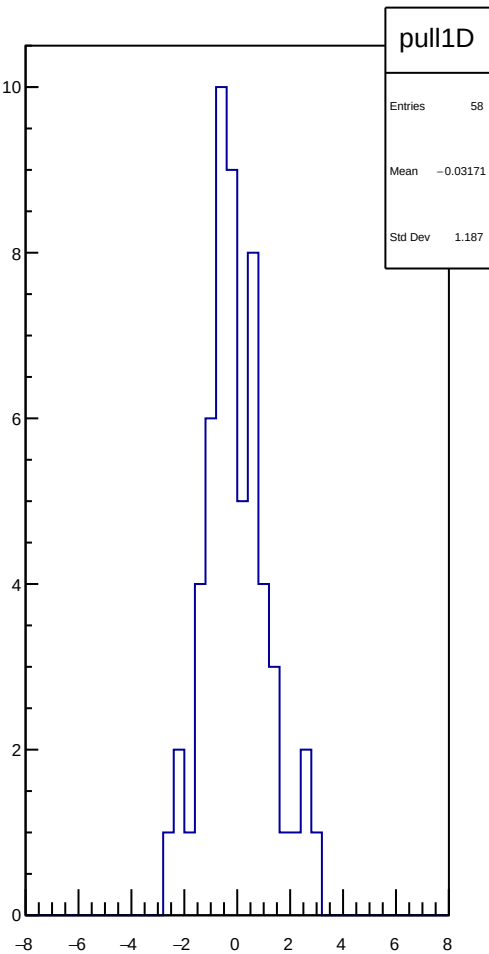
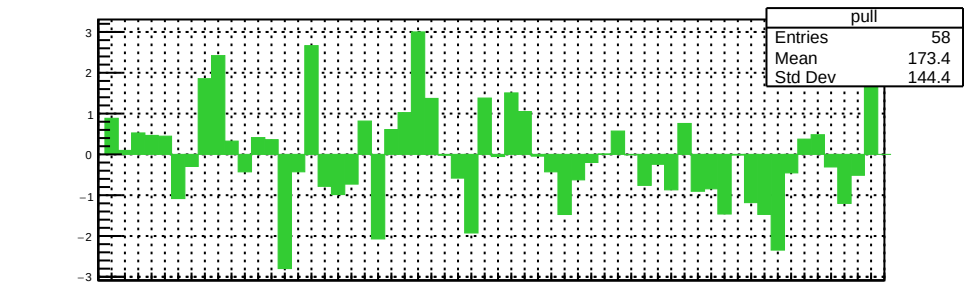
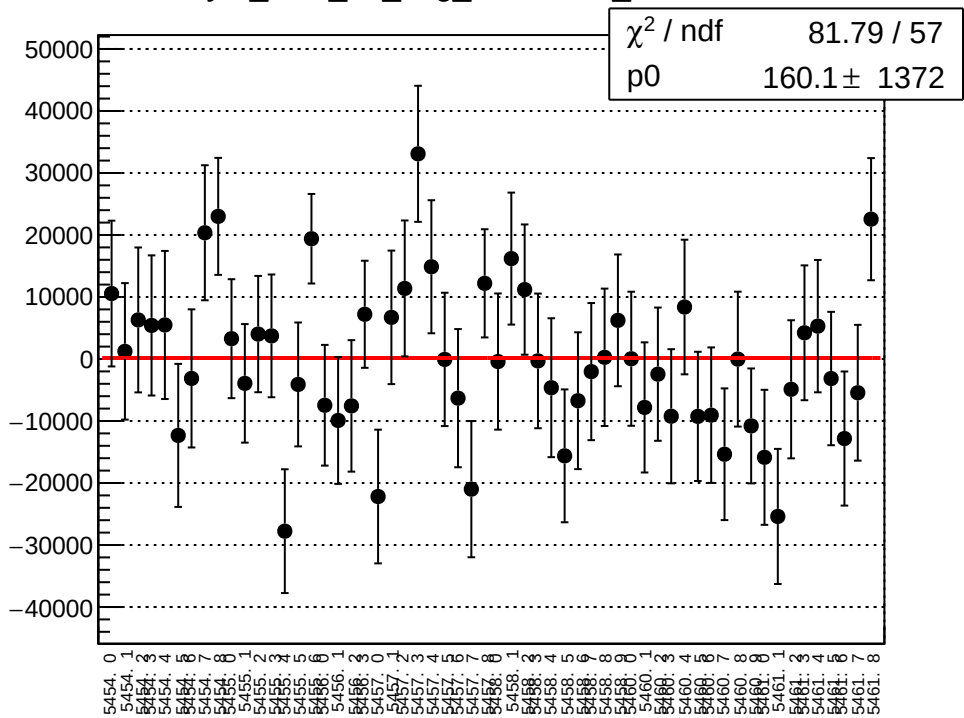
5454 5454.1 5454.2 5454.3 5454.4 5454.5 5454.6 5454.7 5454.8 5454.9 5455 5455.1 5455.2 5455.3 5455.4 5455.5 5455.6 5455.7 5455.8 5455.9 5456 5456.1 5456.2 5456.3 5456.4 5456.5 5456.6 5456.7 5456.8 5456.9 5457 5457.1 5457.2 5457.3 5457.4 5457.5 5457.6 5457.7 5457.8 5457.9 5458 5458.1 5458.2 5458.3 5458.4 5458.5 5458.6 5458.7 5458.8 5458.9 5459 5459.1 5459.2 5459.3 5459.4 5459.5 5459.6 5459.7 5459.8 5459.9 5460 5460.1 5460.2 5460.3 5460.4 5460.5 5460.6 5460.7 5460.8 5460.9 5461 5461.1 5461.2 5461.3 5461.4 5461.5 5461.6 5461.7 5461.8 5461.9 5462



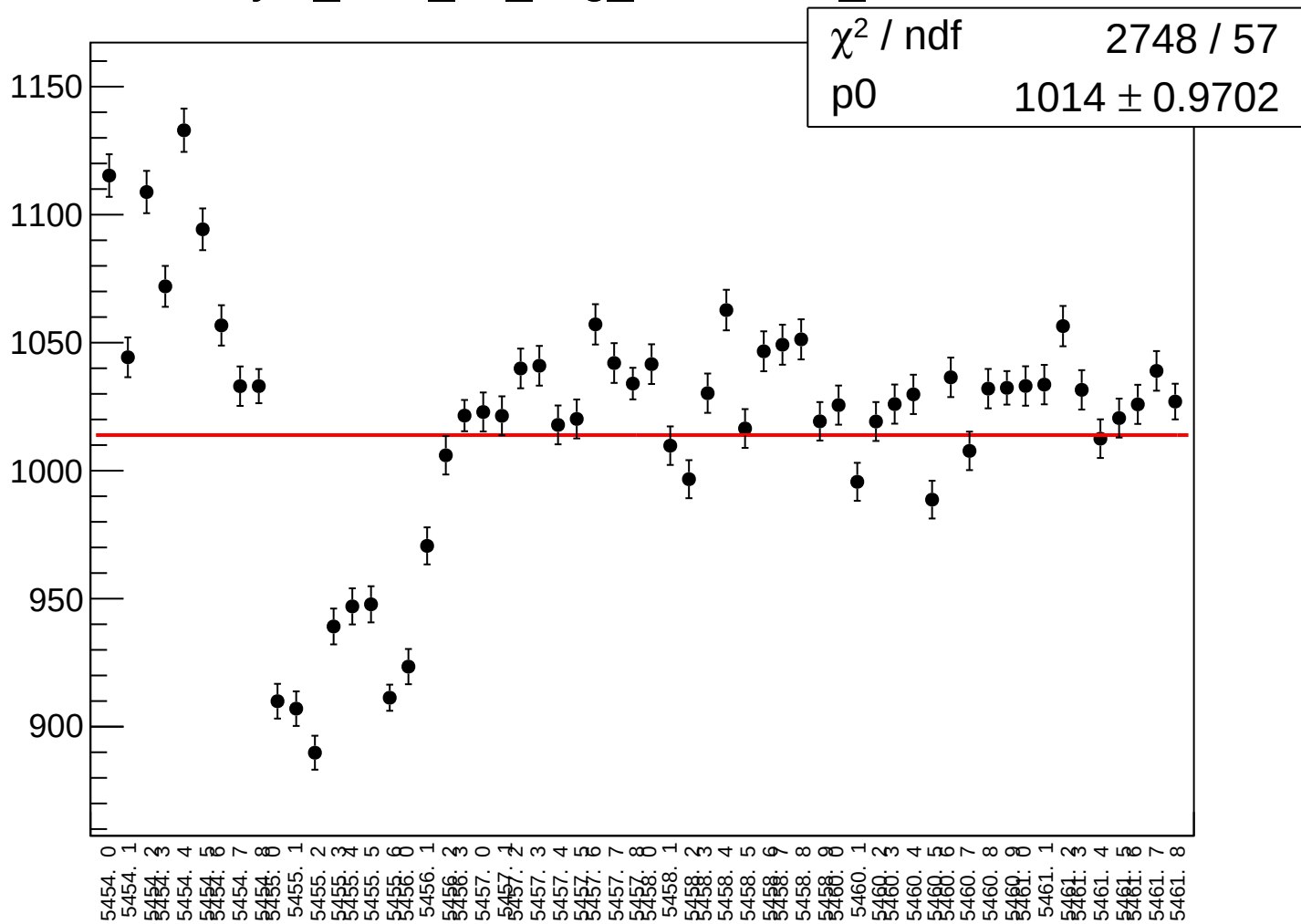
# reg\_asym\_sam\_37\_avg\_rms vs run



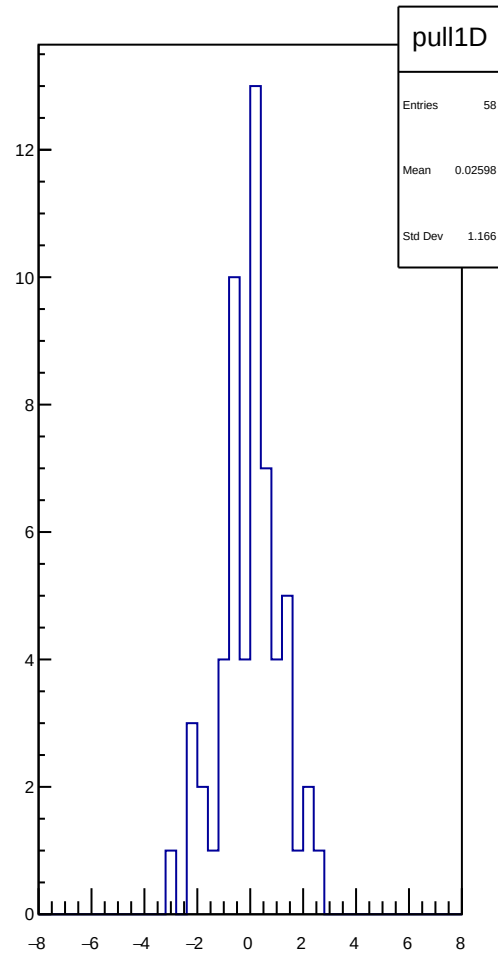
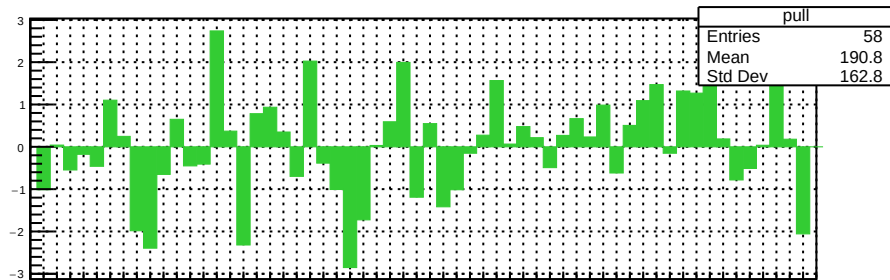
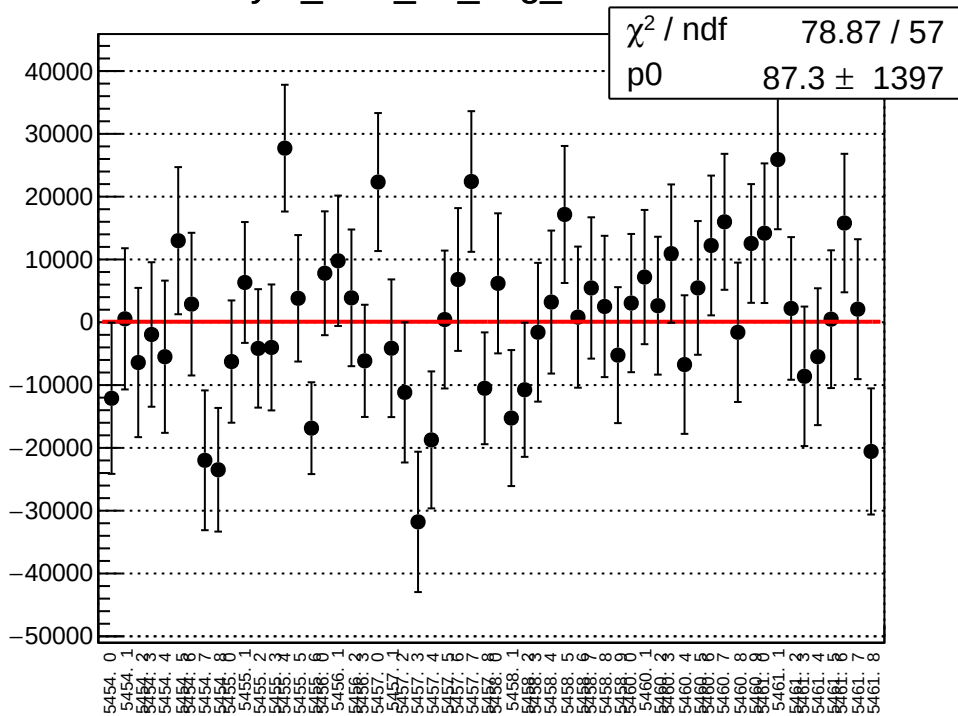
asym\_sam\_37\_avg\_correction\_mean vs run



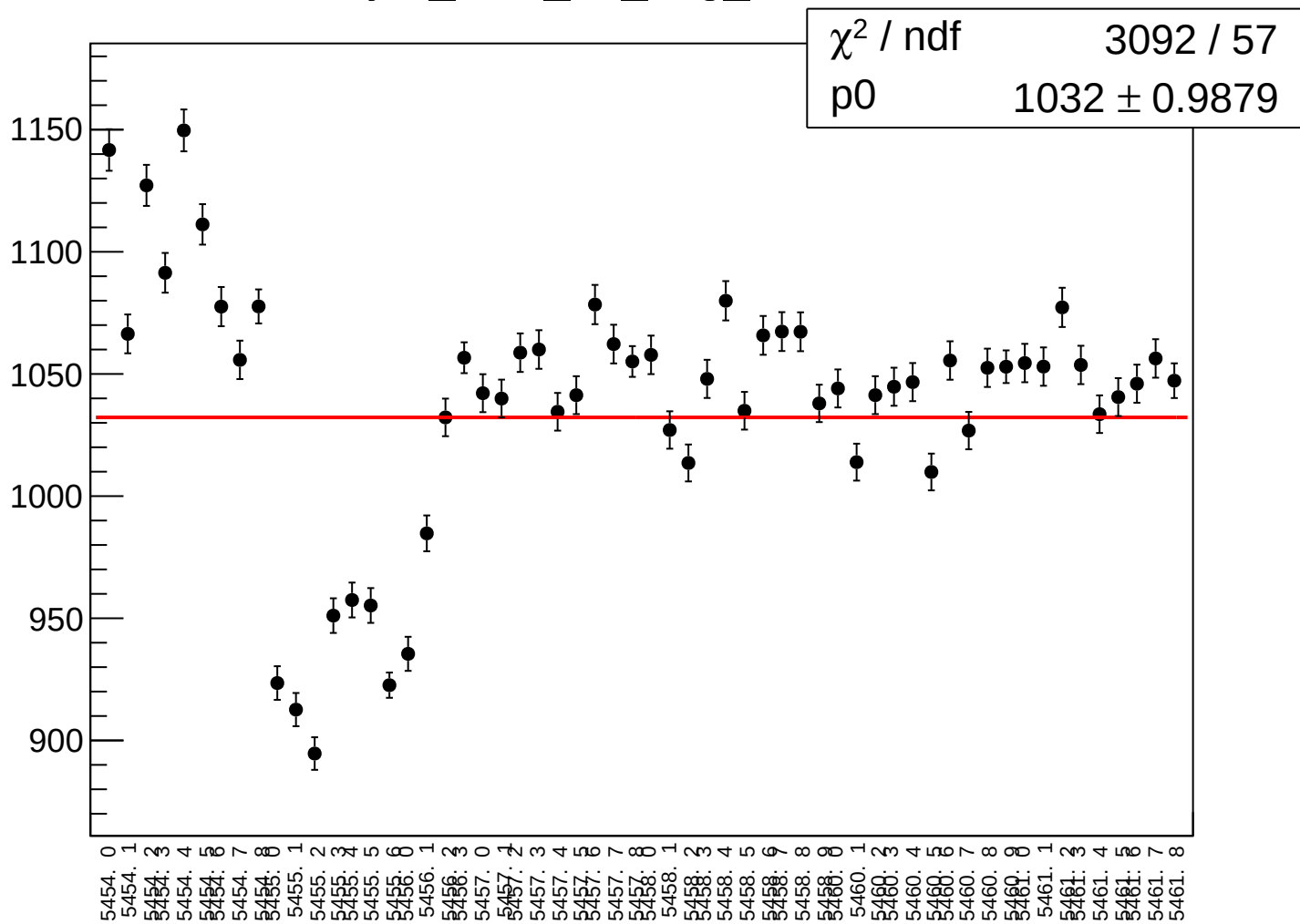
# asym\_sam\_37\_avg\_correction\_rms vs run



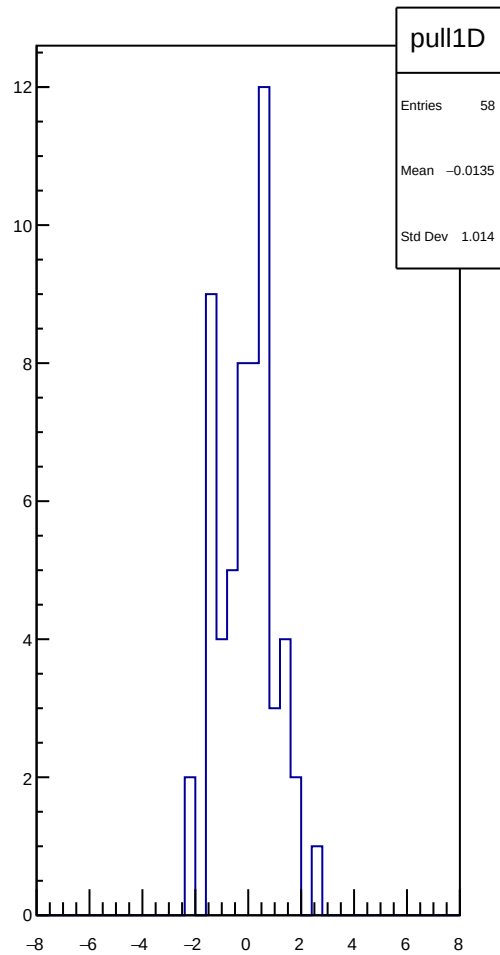
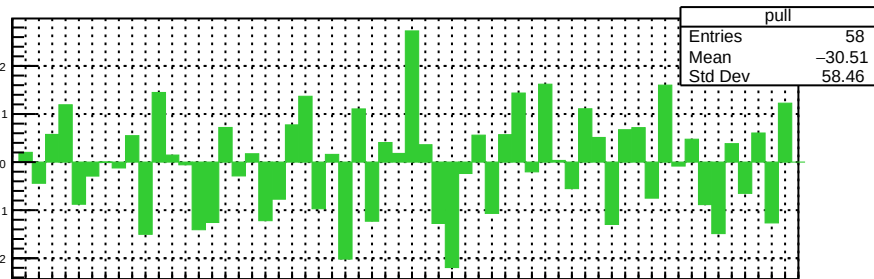
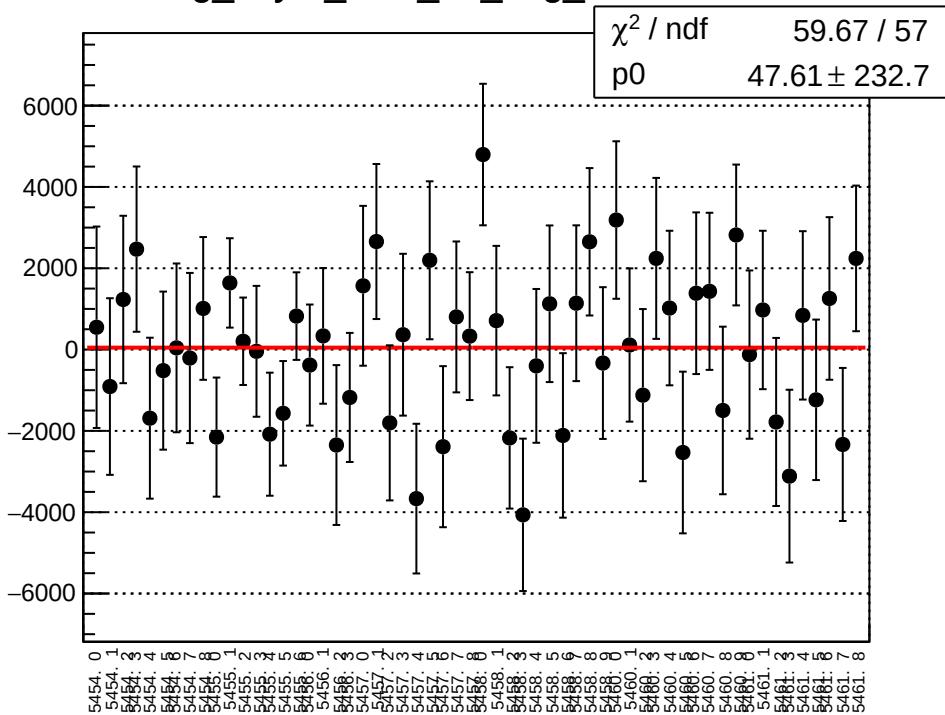
asym\_sam\_37\_avg\_mean vs run



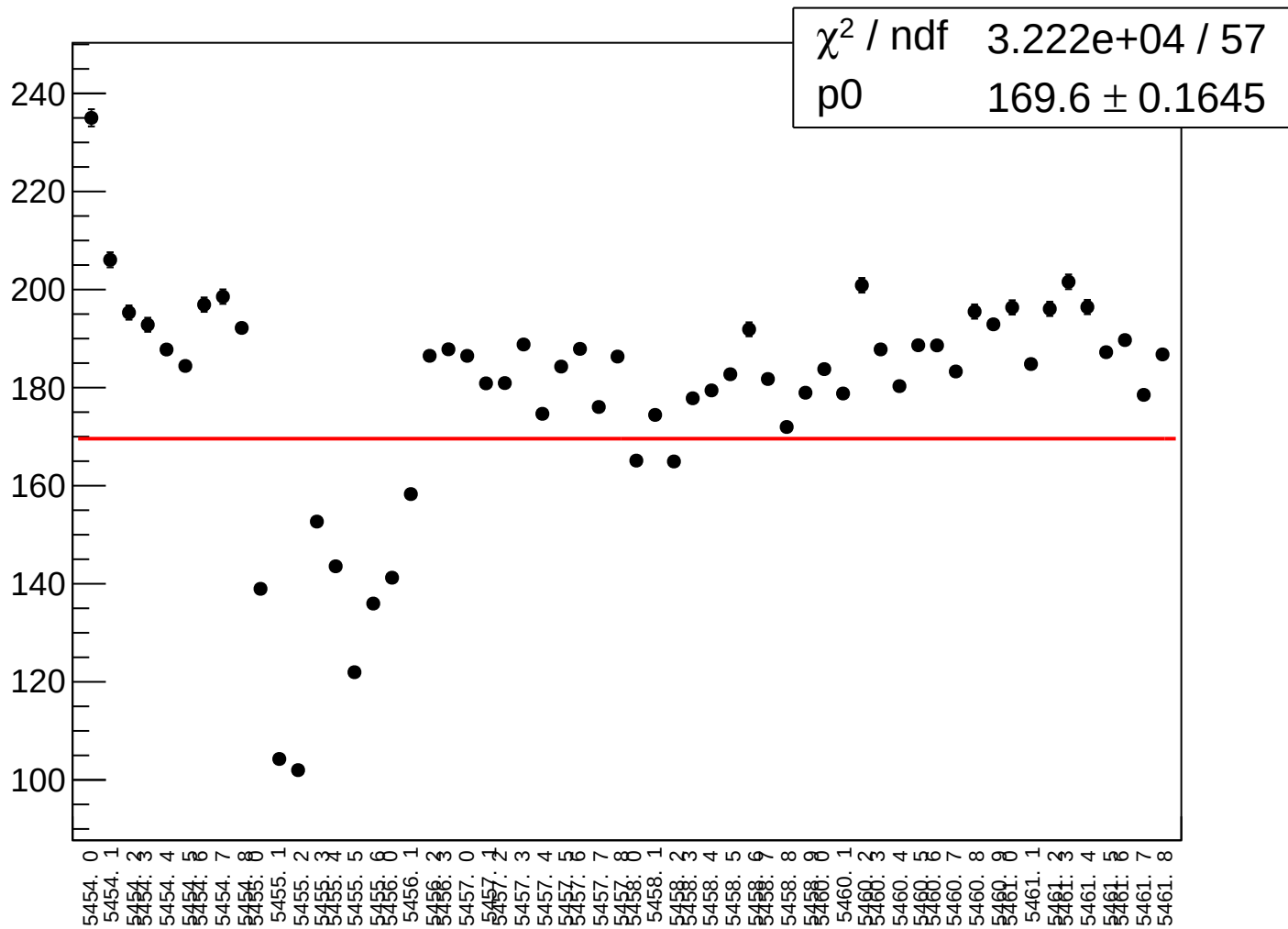
# asym\_sam\_37\_avg\_rms vs run



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

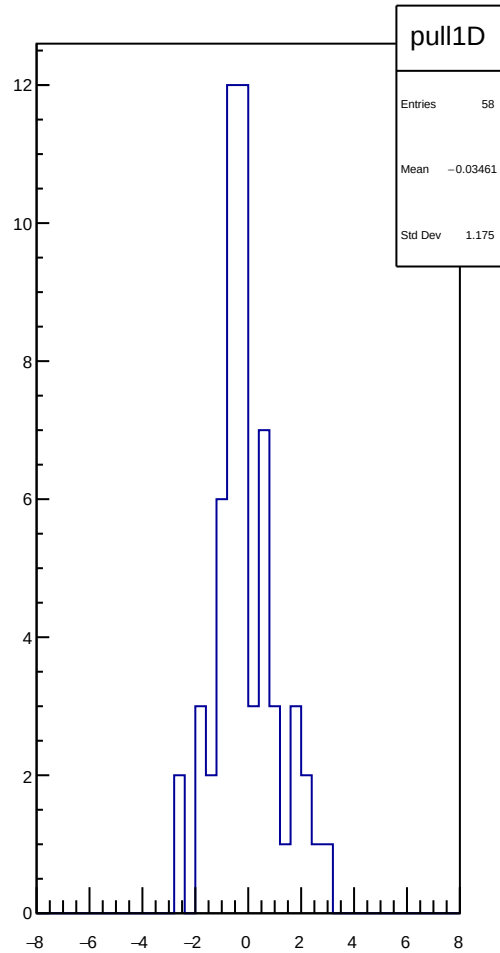
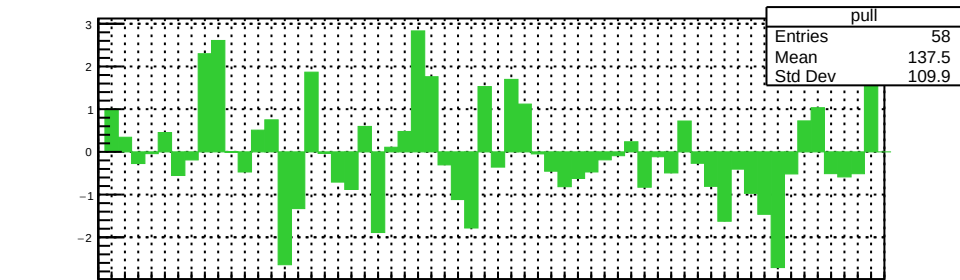
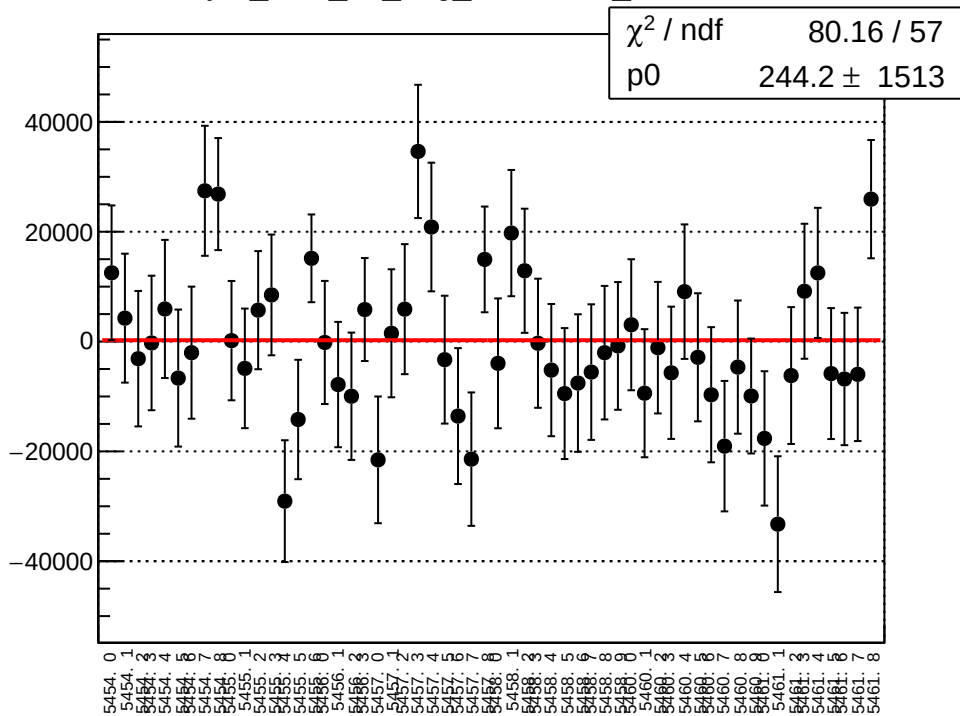


reg\_asym\_sam\_48\_avg\_rms vs run

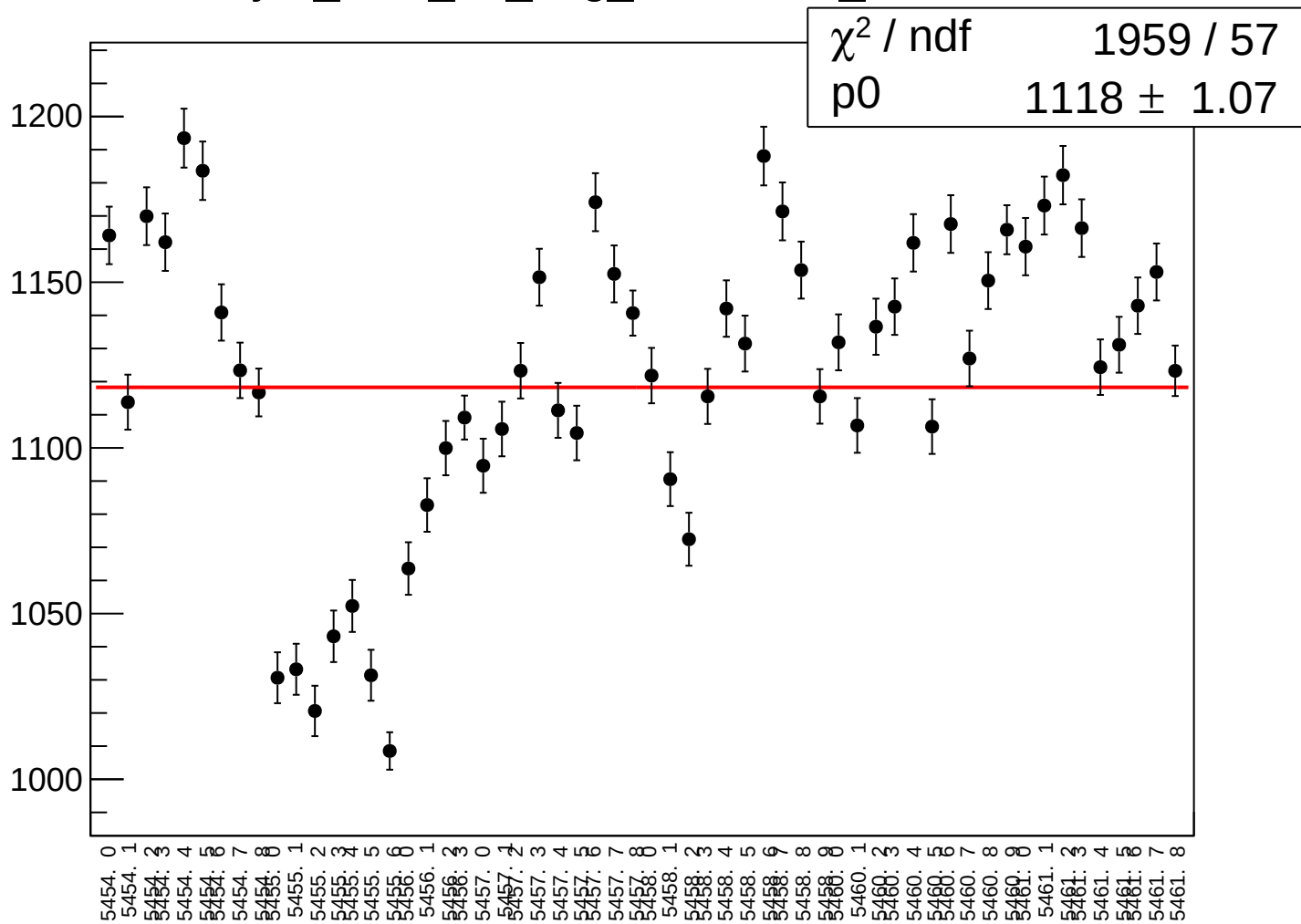




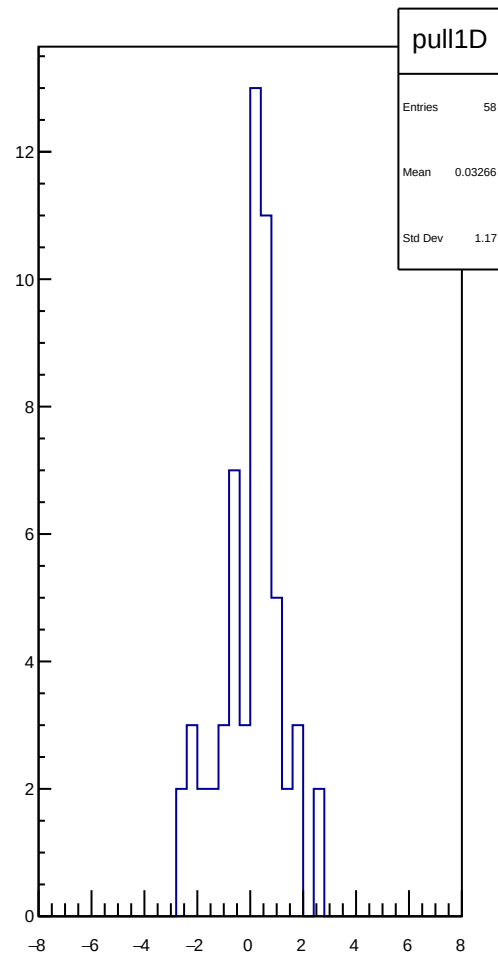
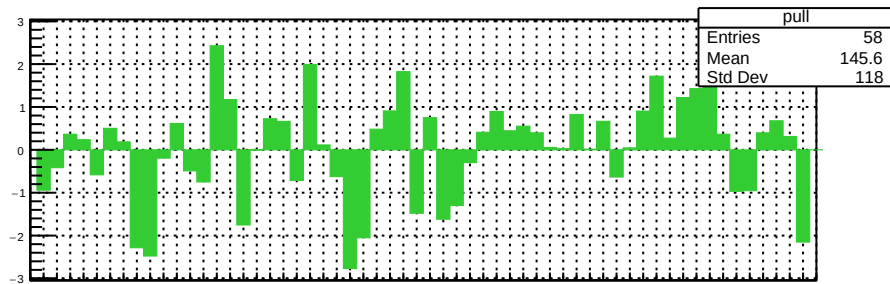
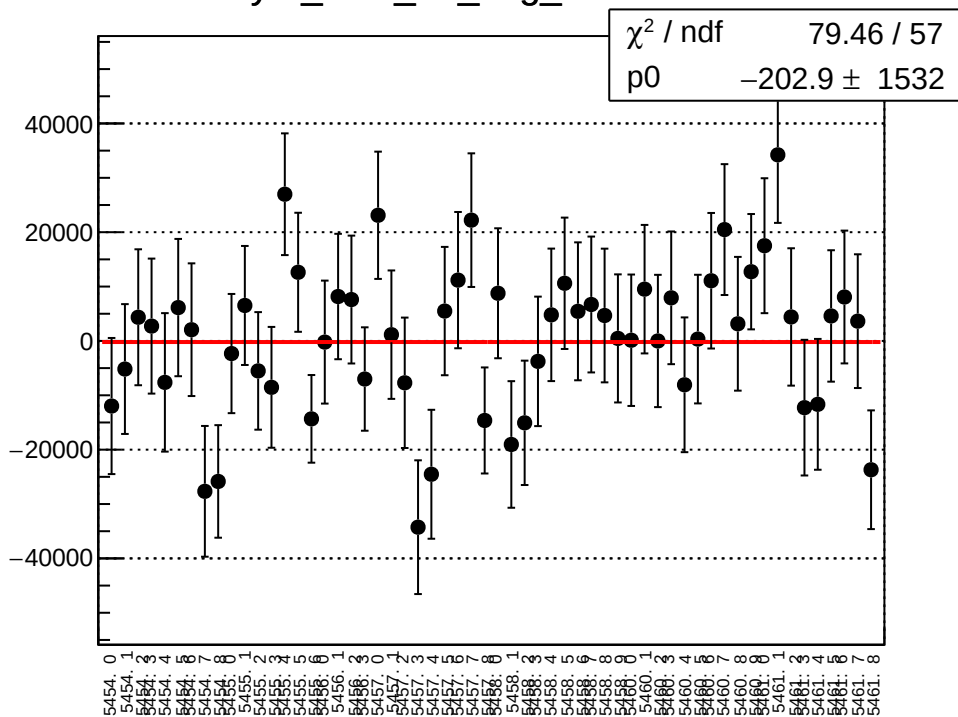
### asym\_sam\_48\_avg\_correction\_mean vs run



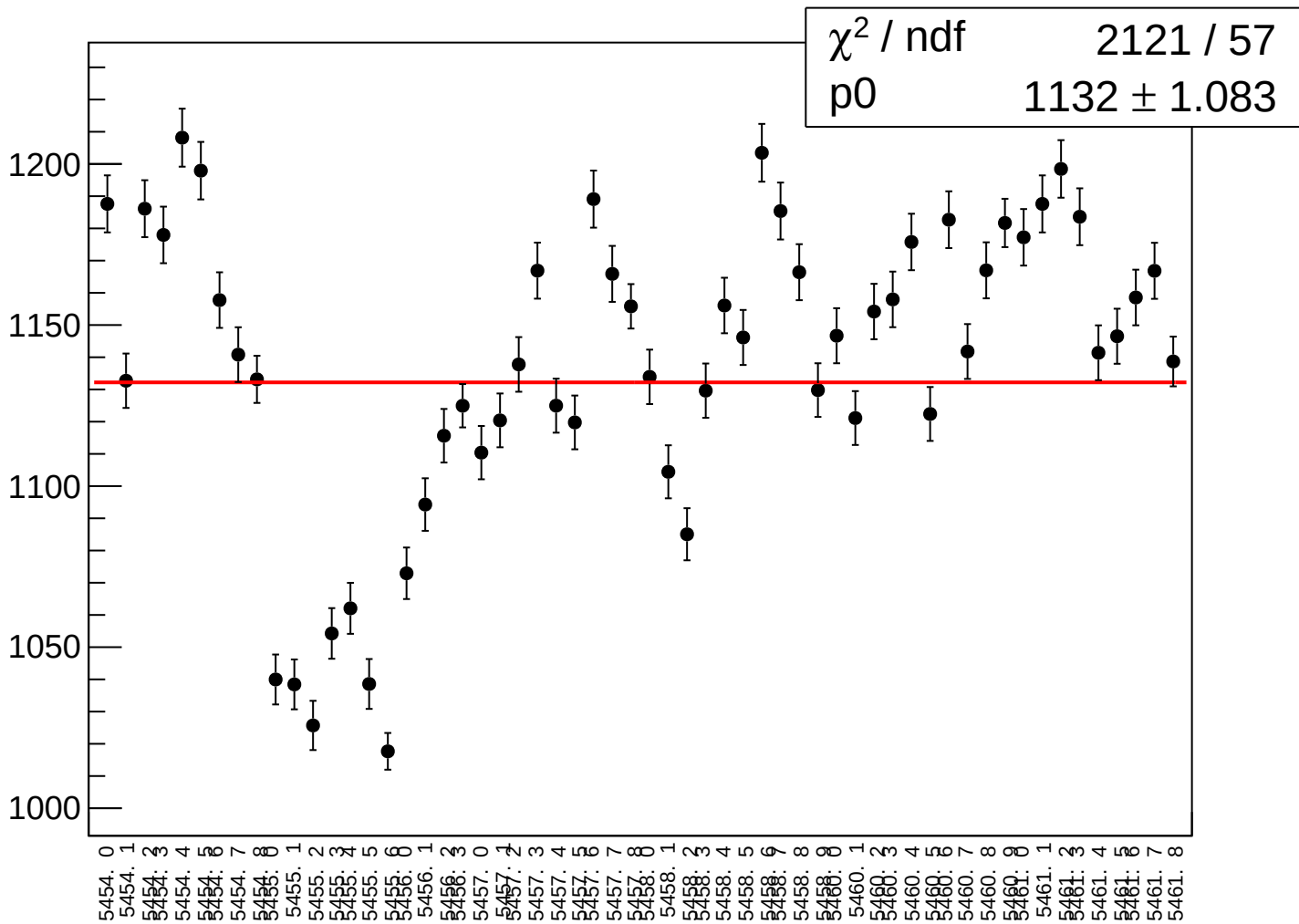
asym\_sam\_48\_avg\_correction\_rms vs run



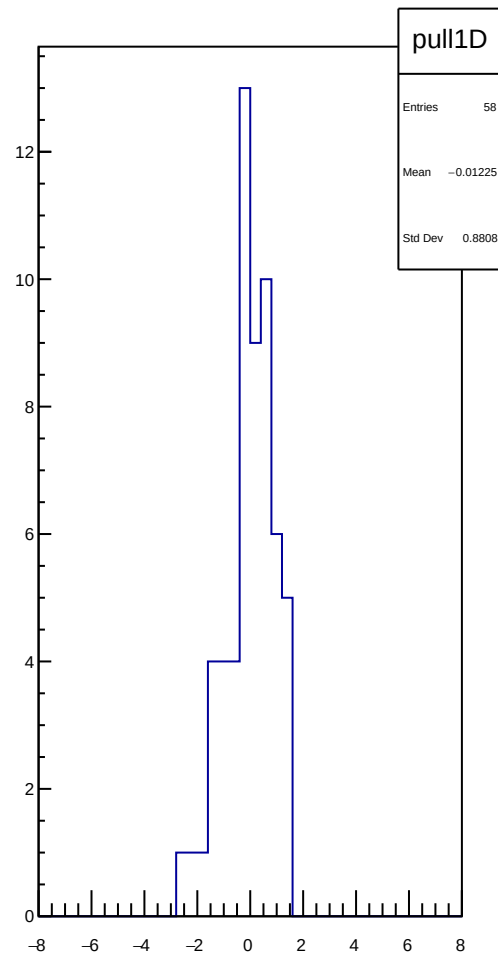
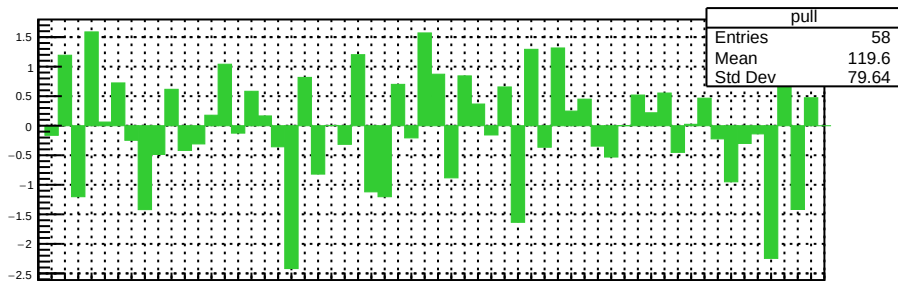
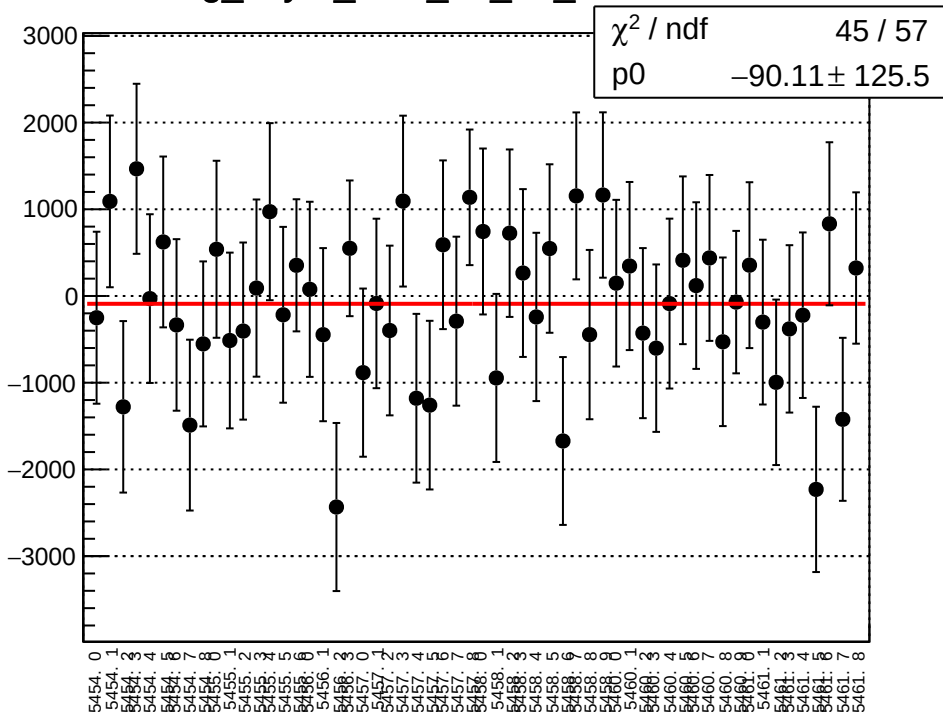
asym\_sam\_48\_avg\_mean vs run



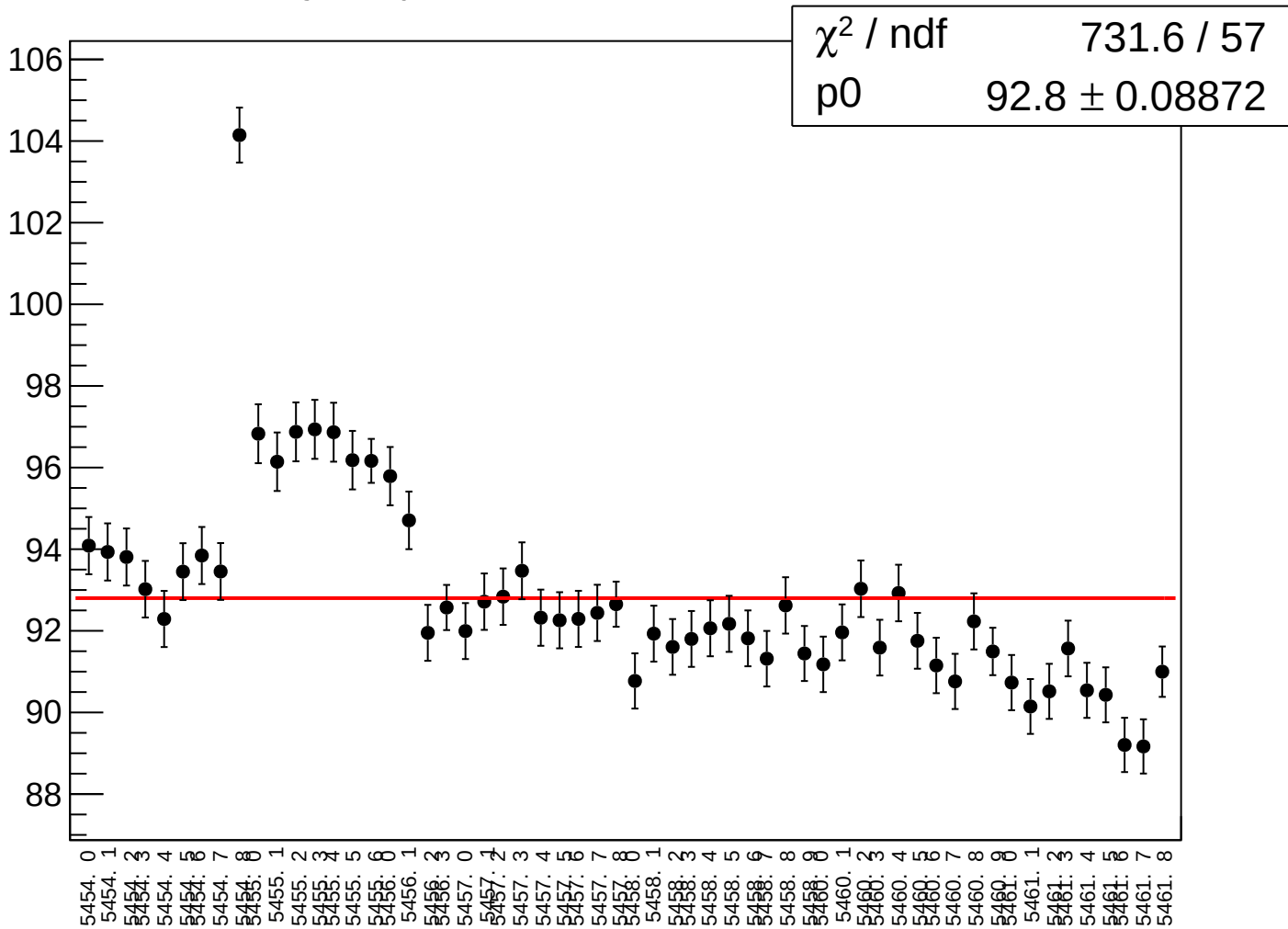
asym\_sam\_48\_avg\_rms vs run



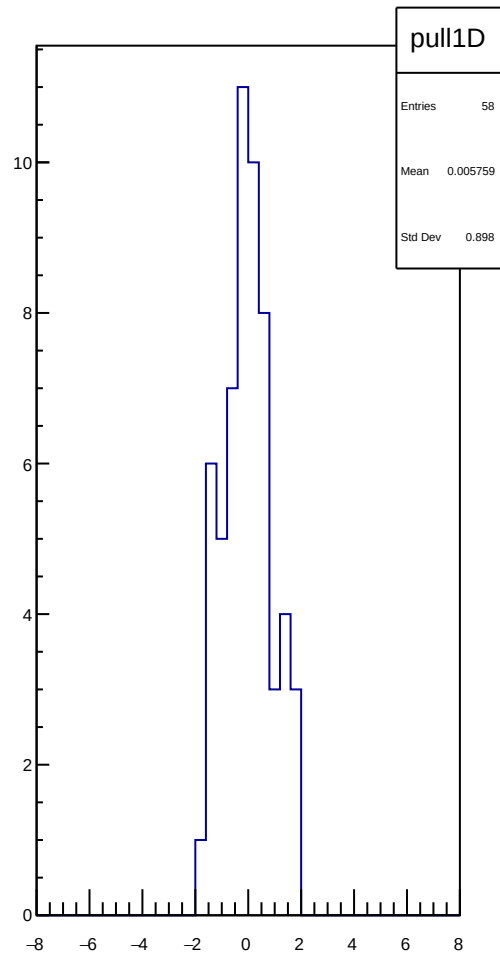
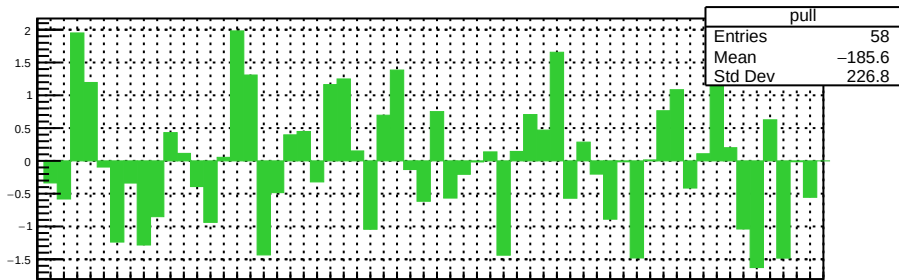
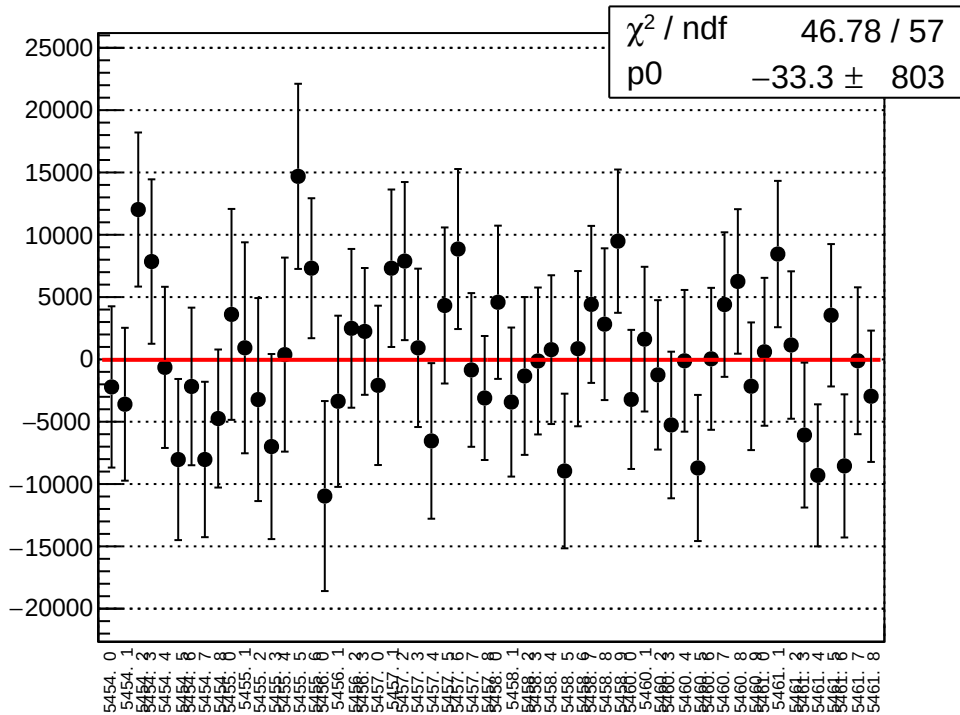
# reg\_asym\_sam\_15\_dd\_mean vs run



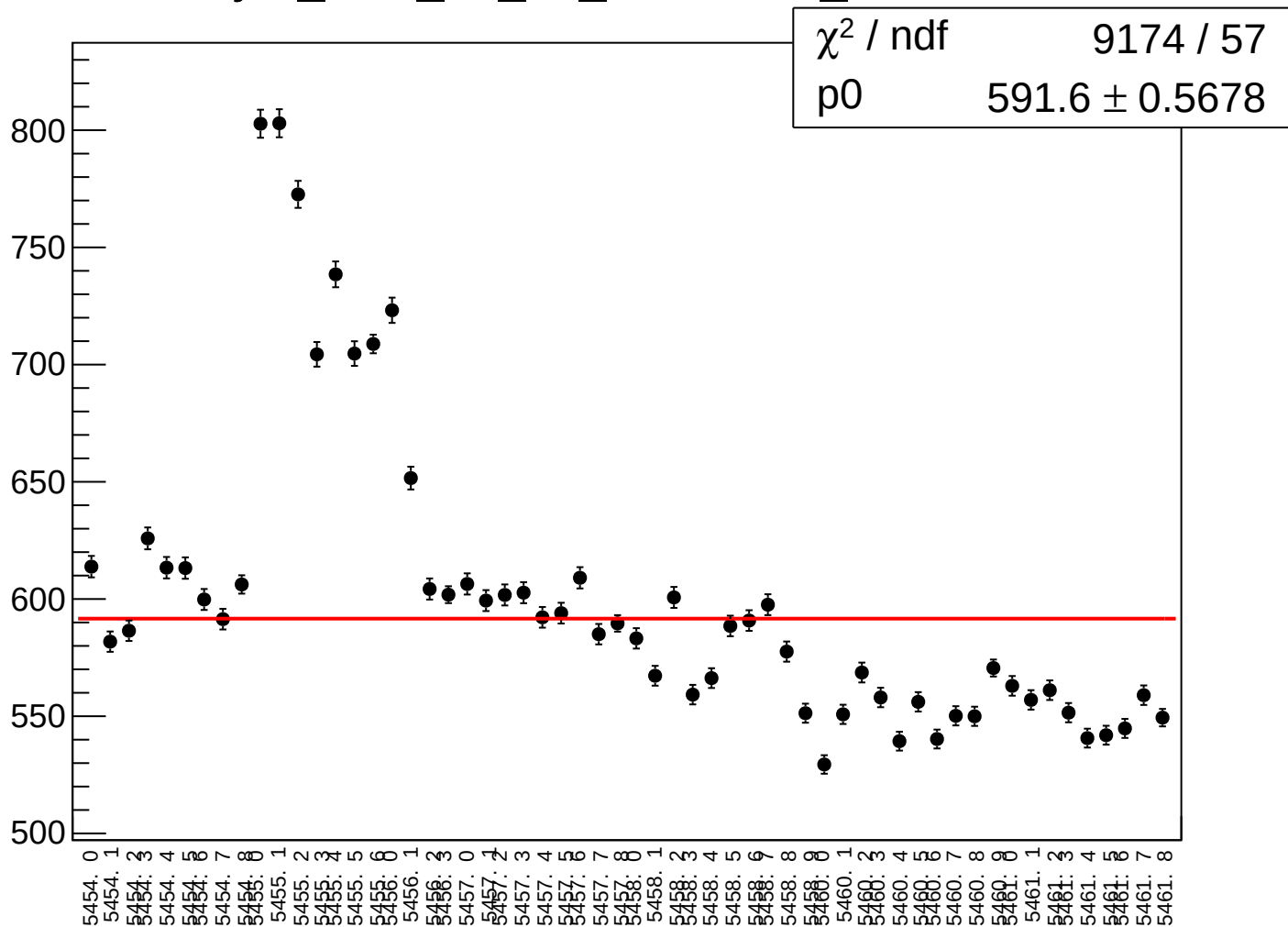
# reg\_asym\_sam\_15\_dd\_rms vs run



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

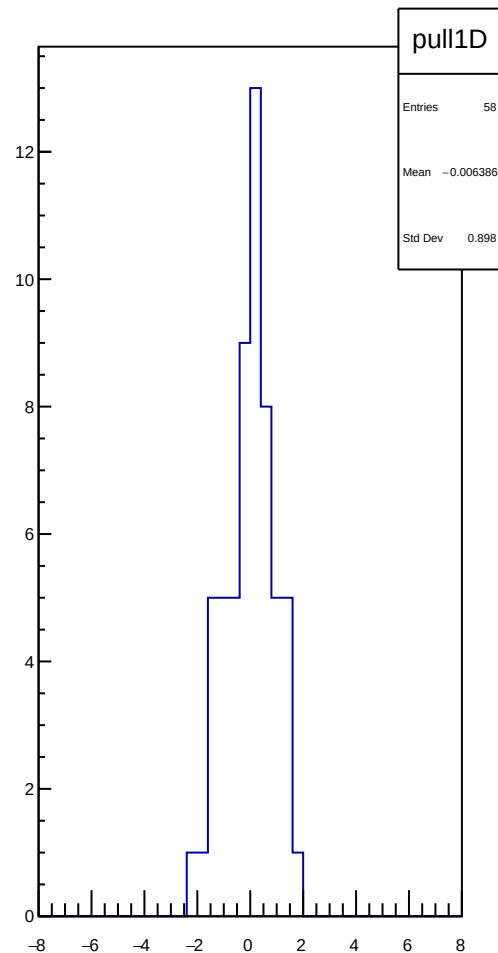
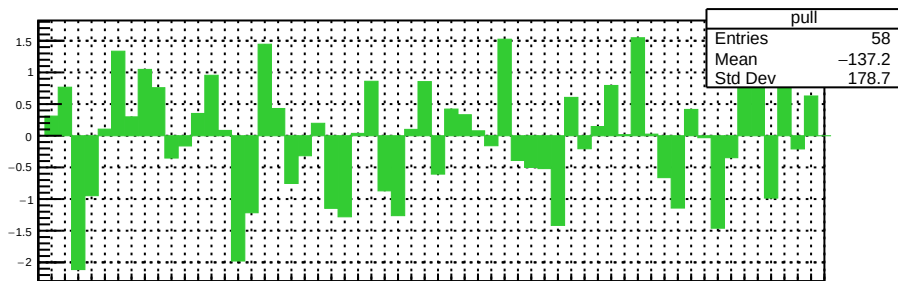
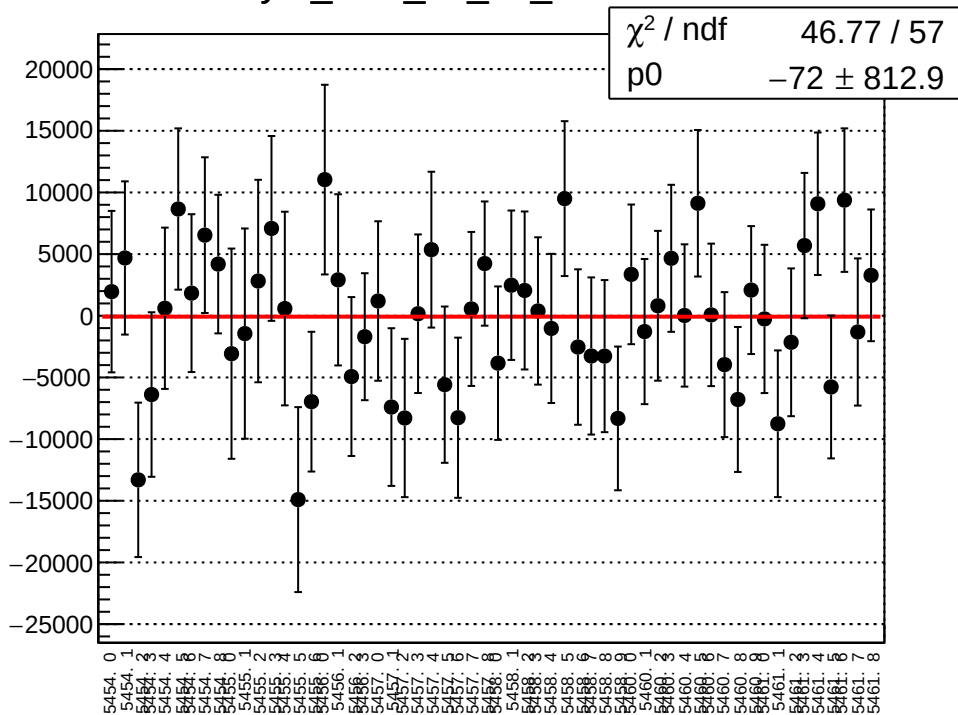


# asym\_sam\_15\_dd\_correction\_rms vs run

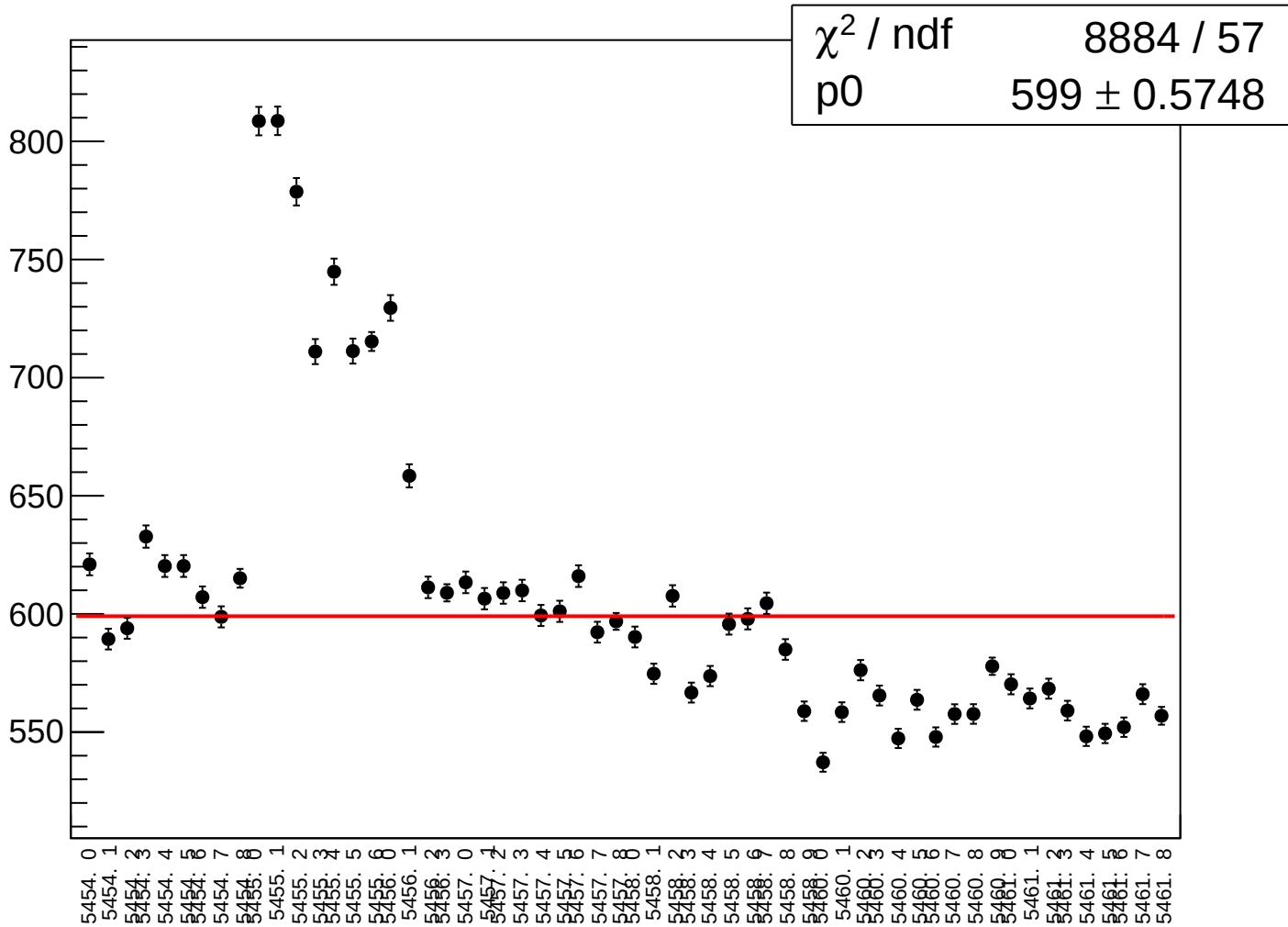




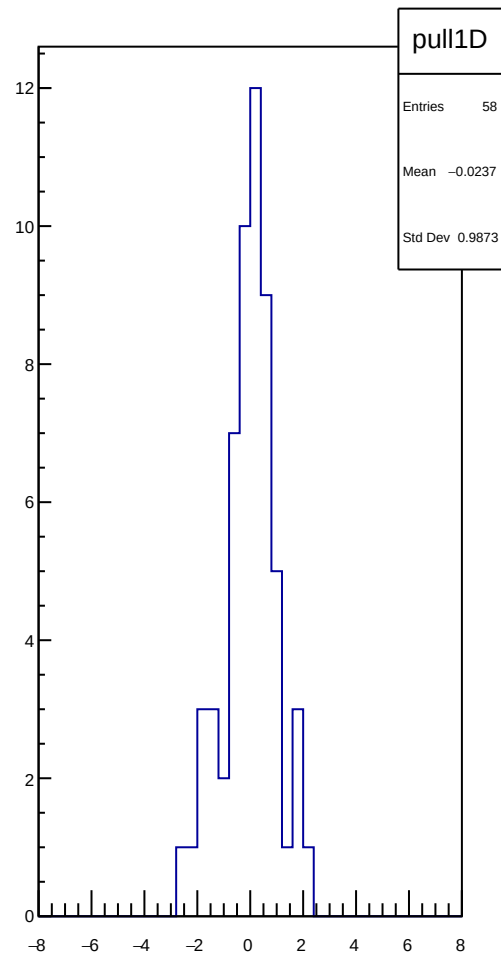
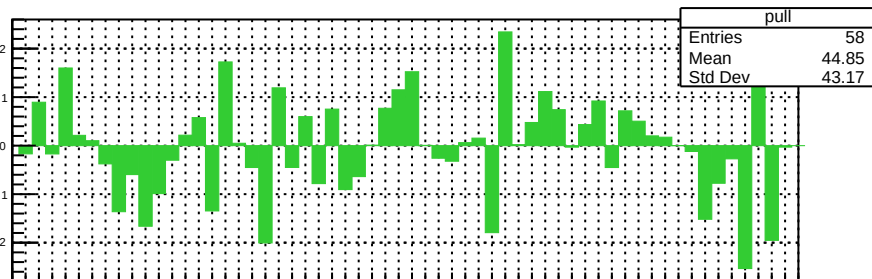
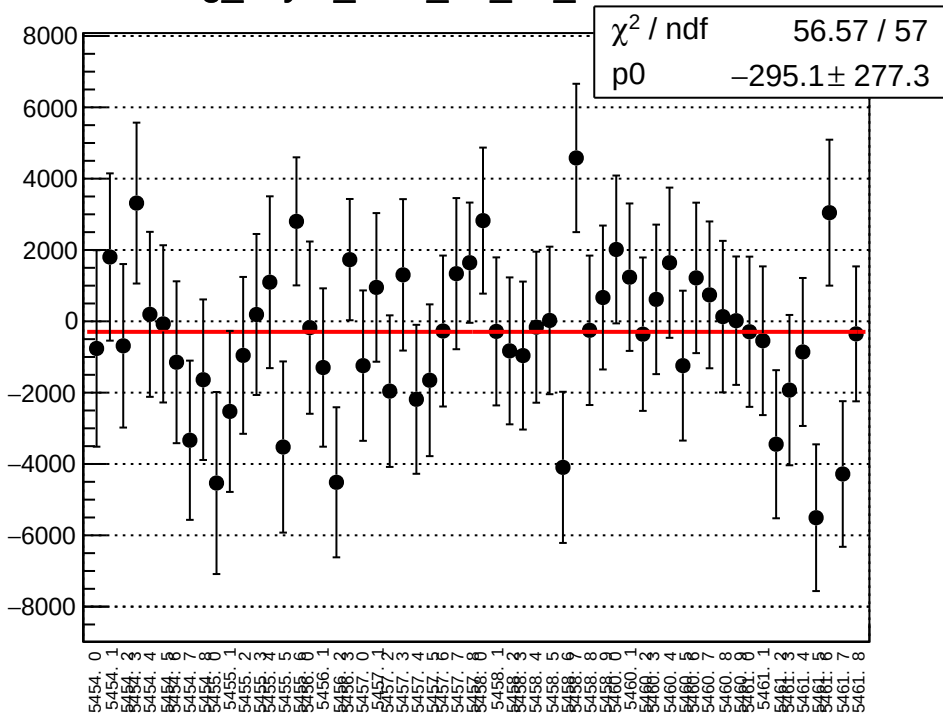
asym\_sam\_15\_dd\_mean vs run



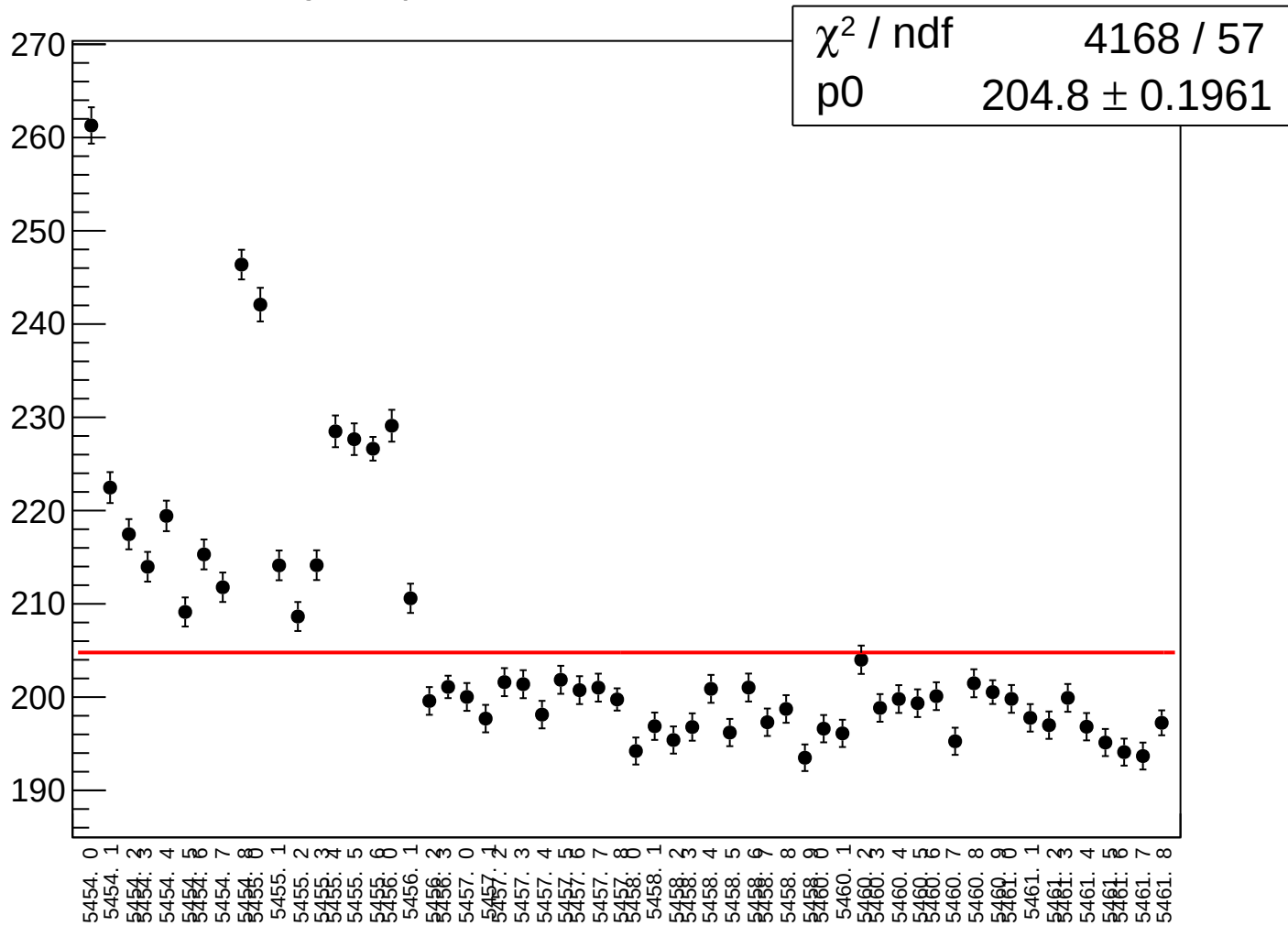
# asym\_sam\_15\_dd\_rms vs run



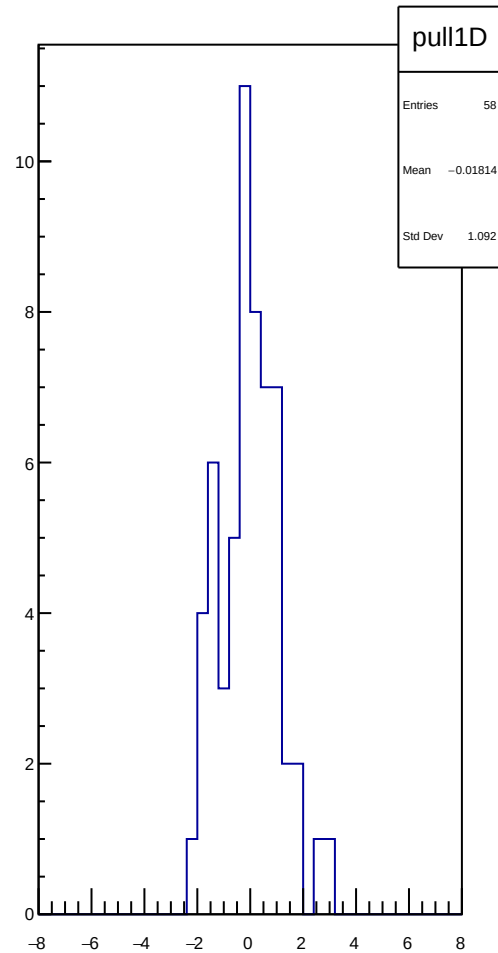
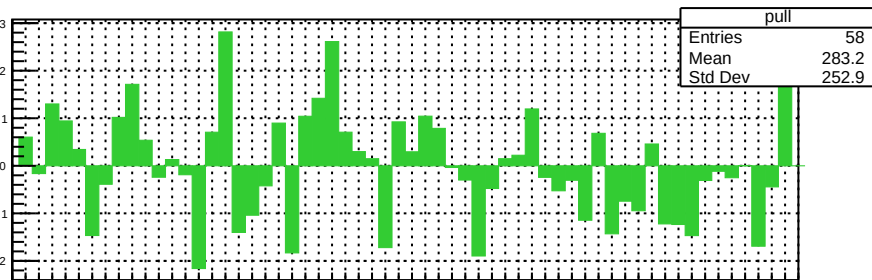
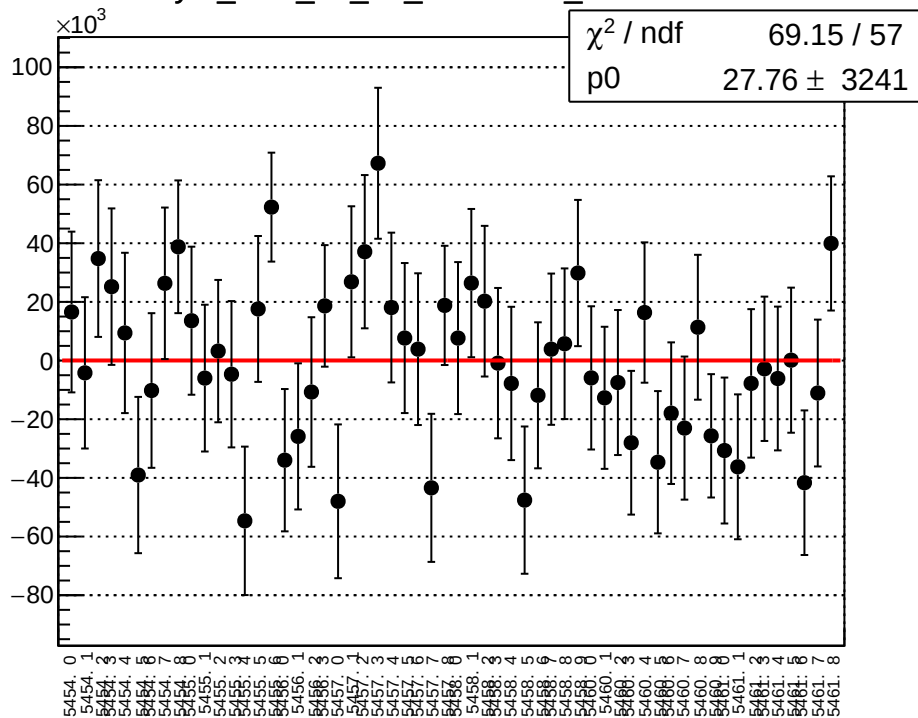
reg\_asym\_sam\_26\_dd\_mean vs run



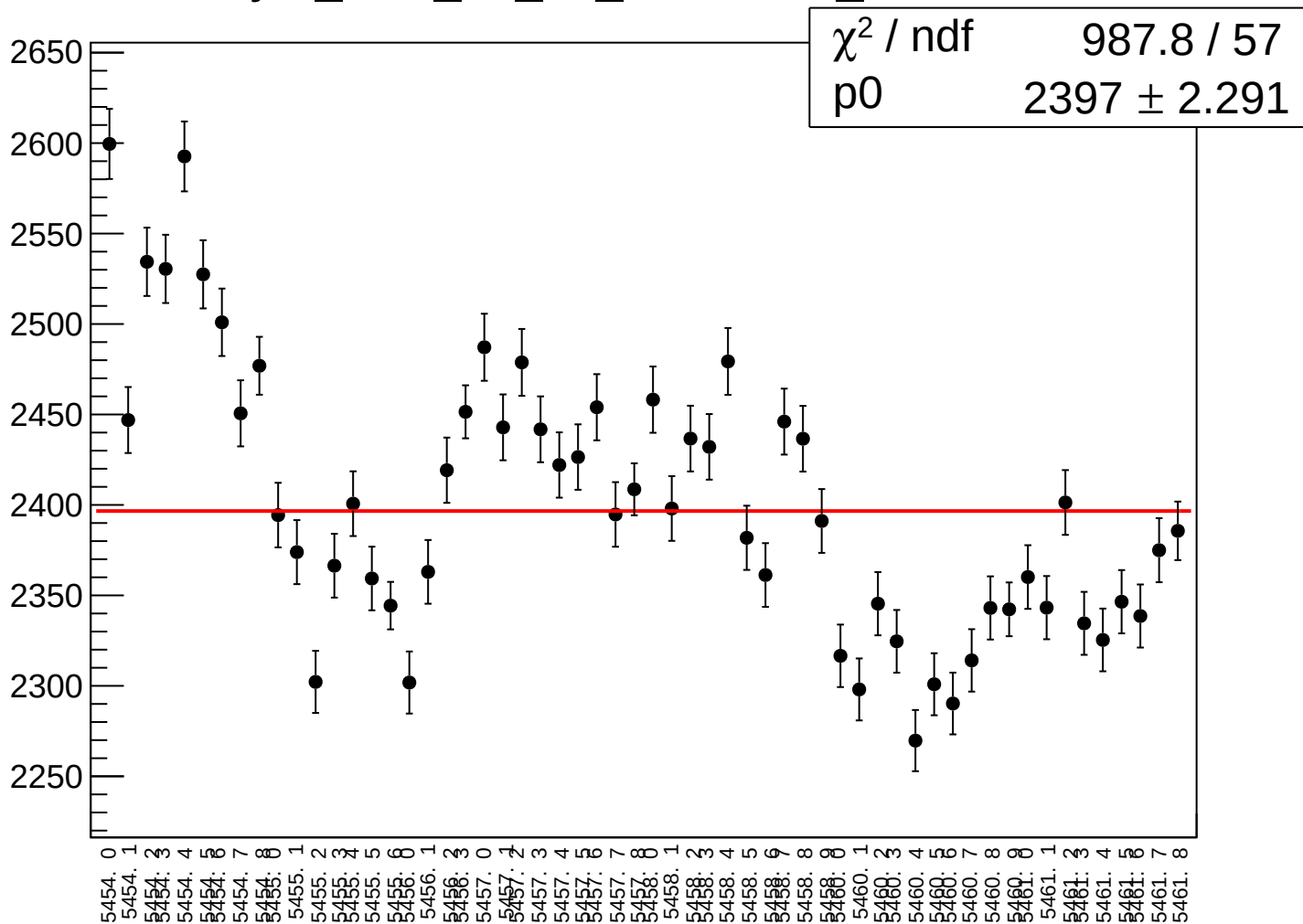
# reg\_asym\_sam\_26\_dd\_rms vs run



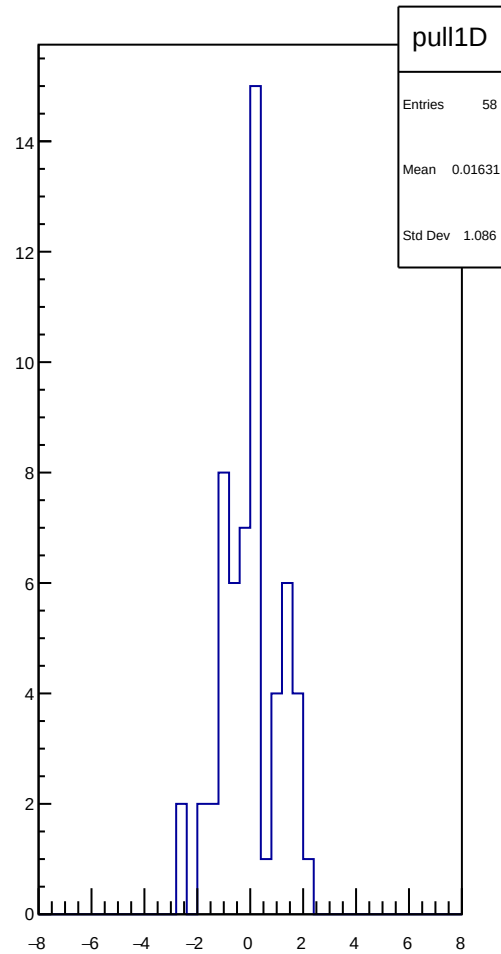
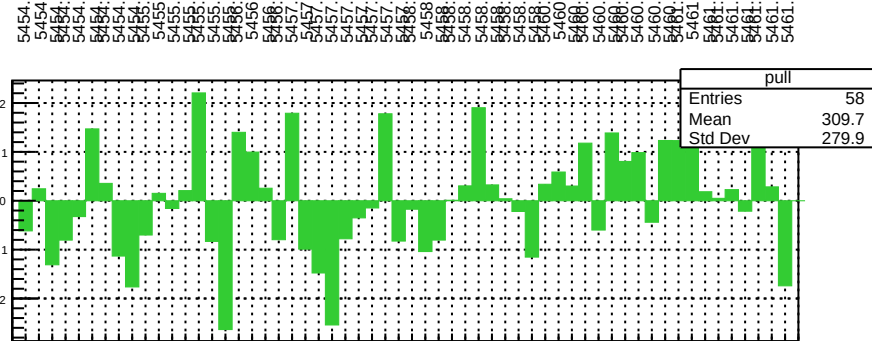
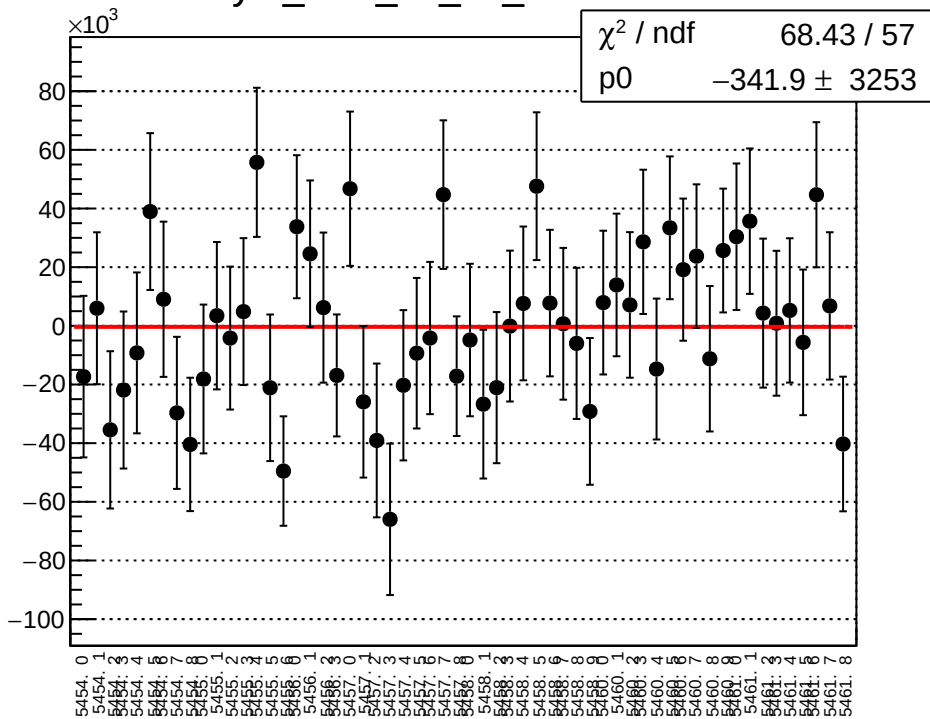
asym\_sam\_26\_dd\_correction\_mean vs run



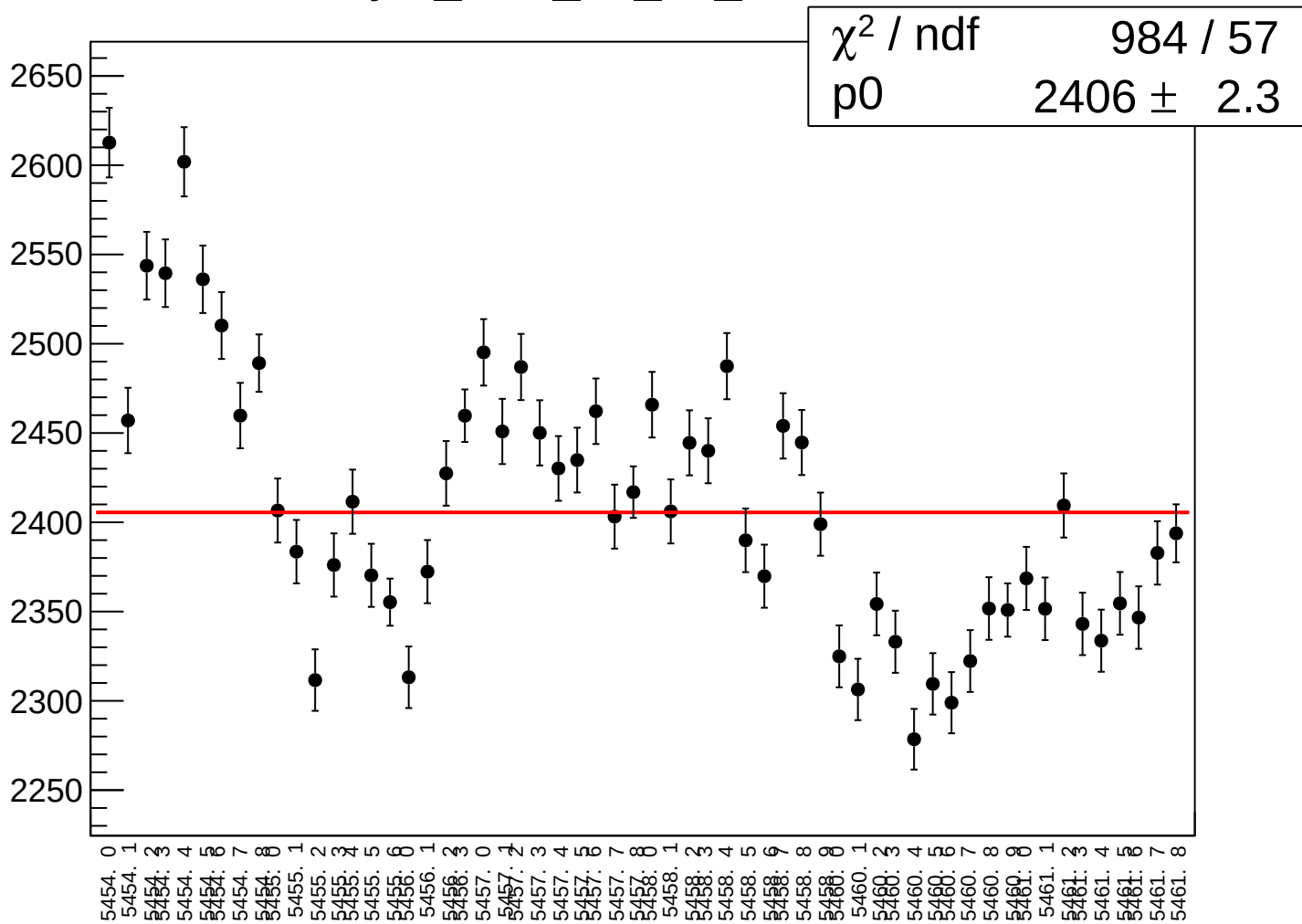
# asym\_sam\_26\_dd\_correction\_rms vs run



asym\_sam\_26\_dd\_mean vs run

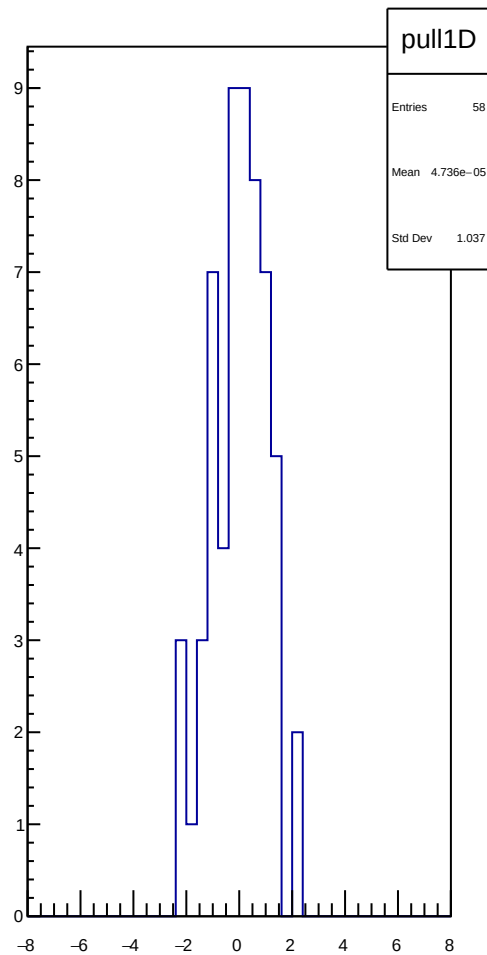
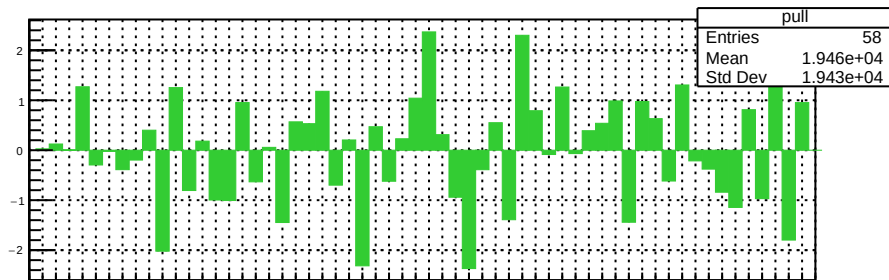
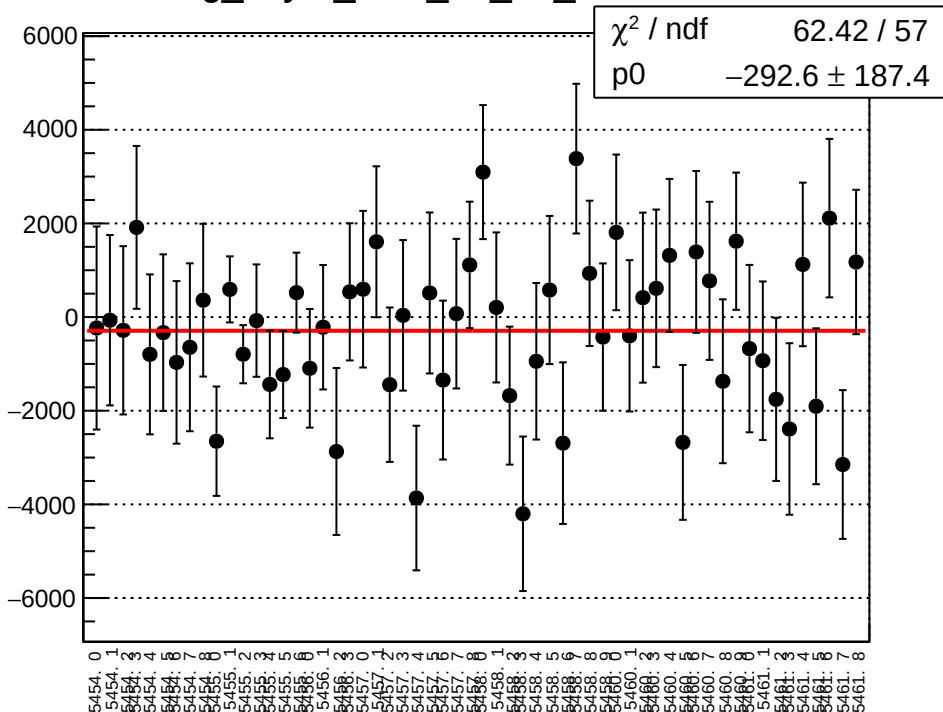


# asym\_sam\_26\_dd\_rms vs run

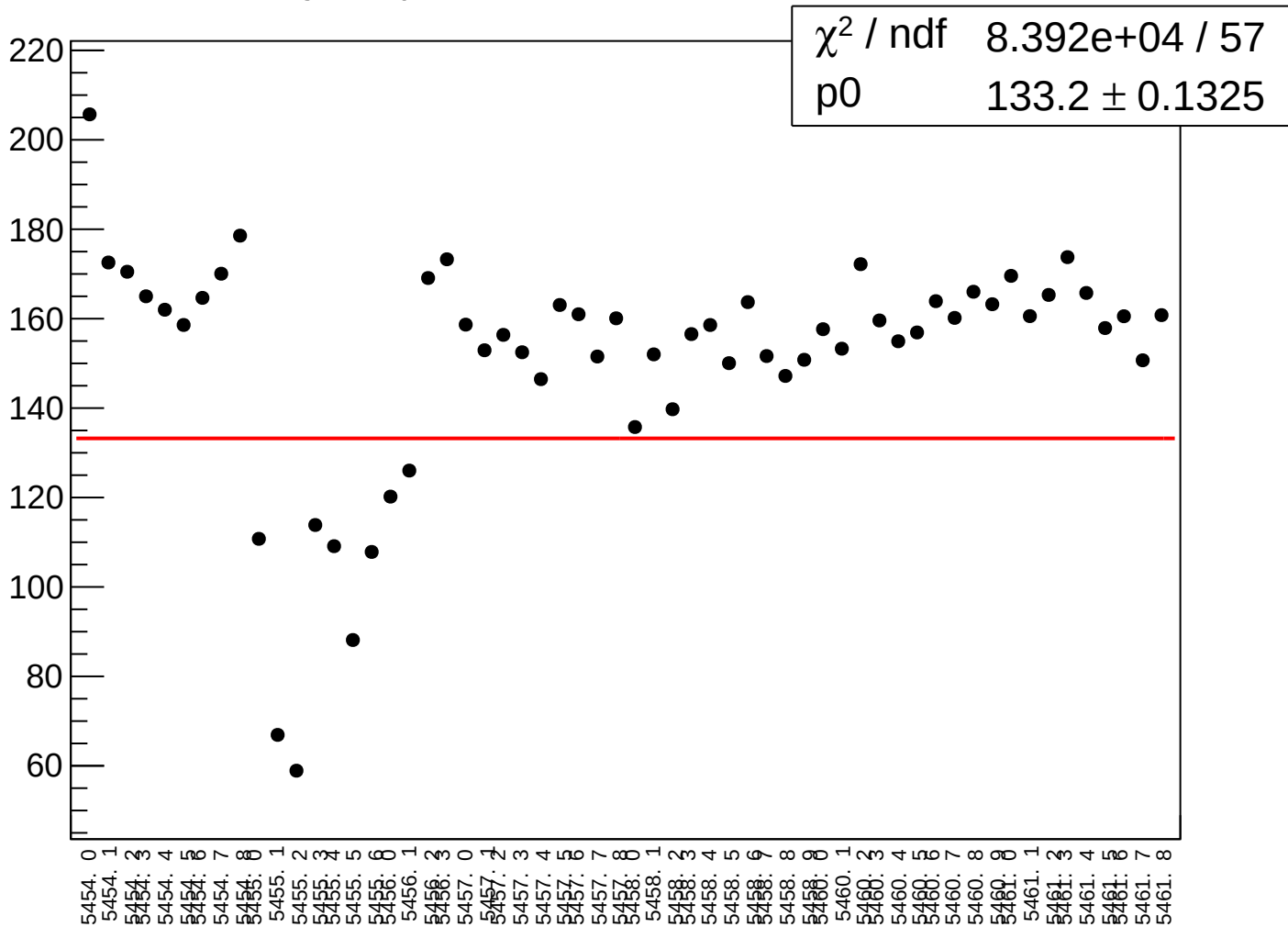




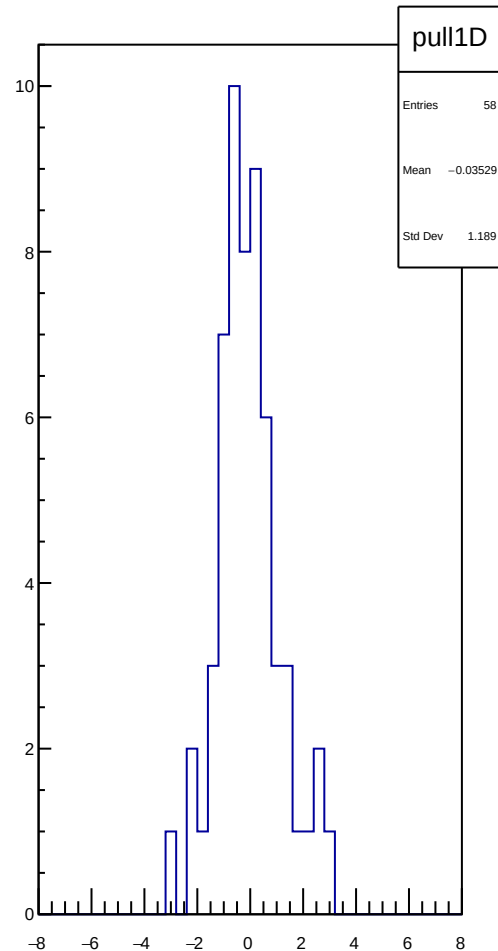
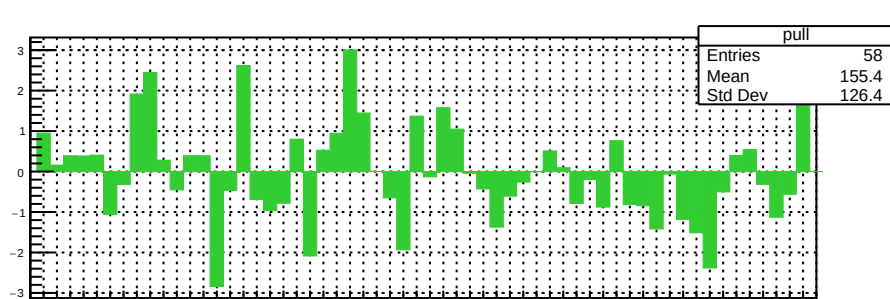
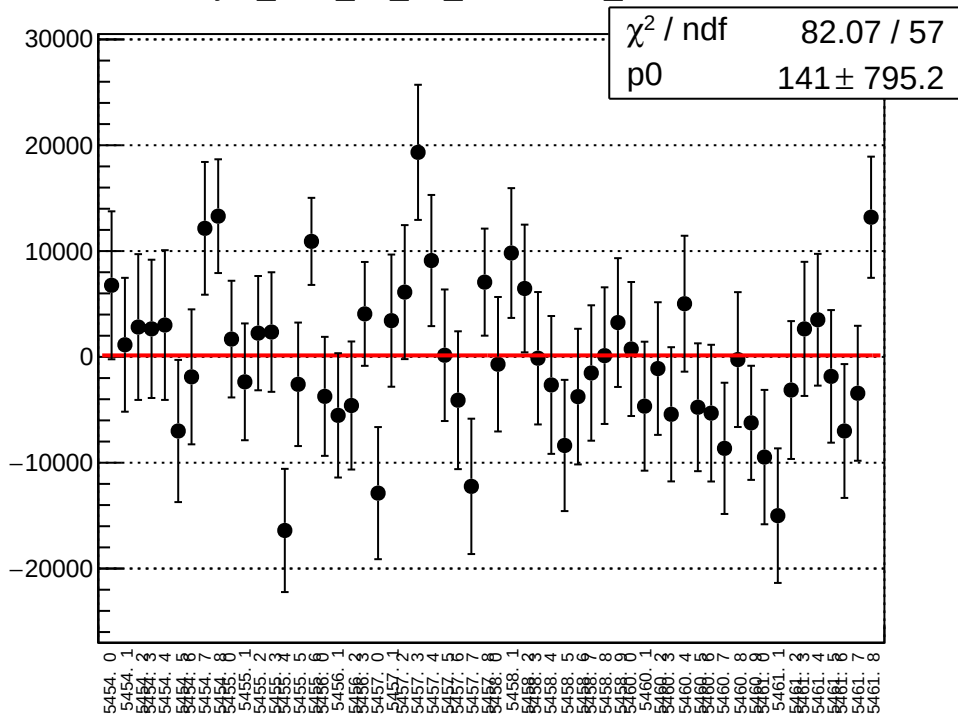
# reg\_asym\_sam\_37\_dd\_mean vs run



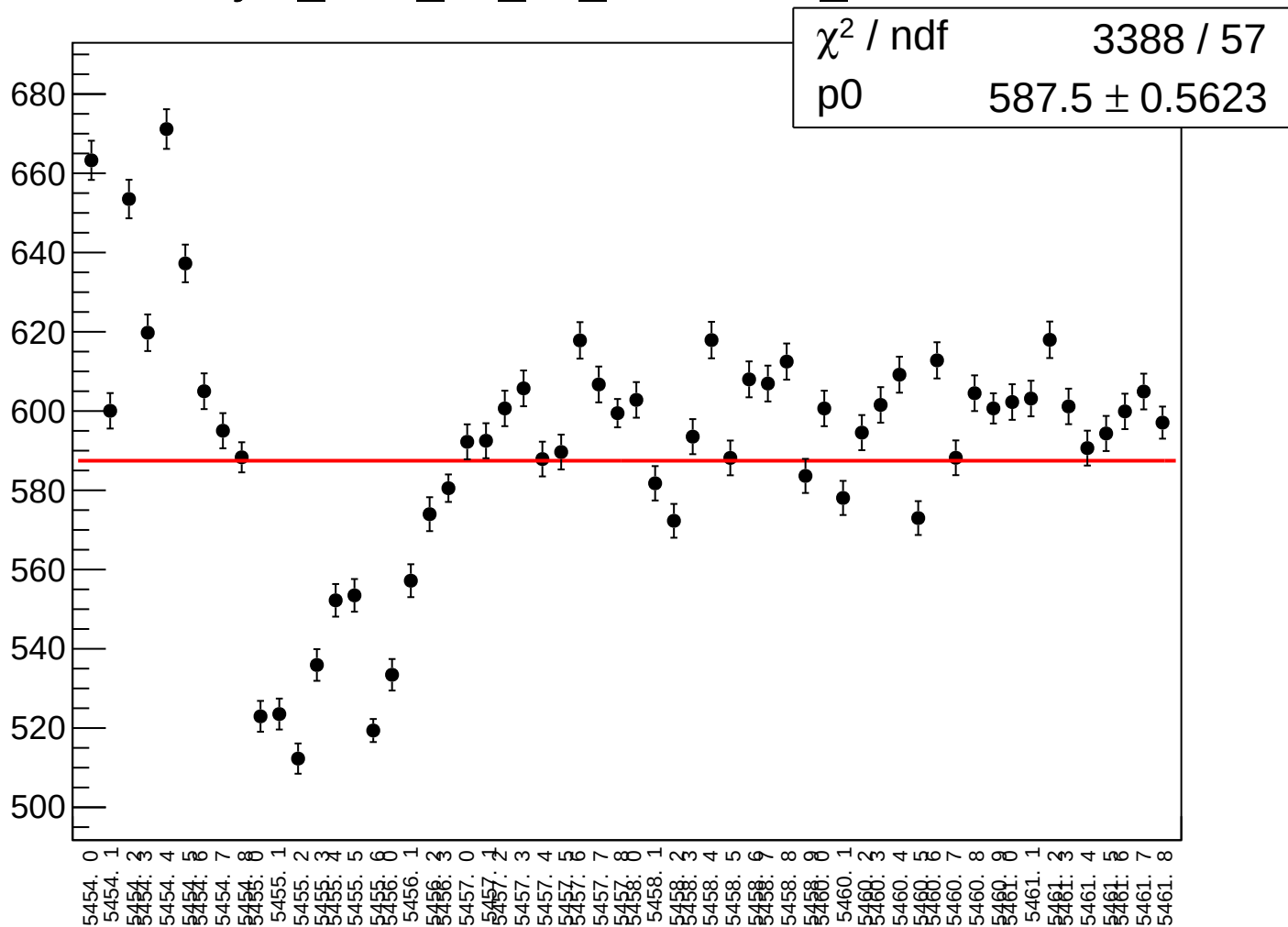
# reg\_asym\_sam\_37\_dd\_rms vs run



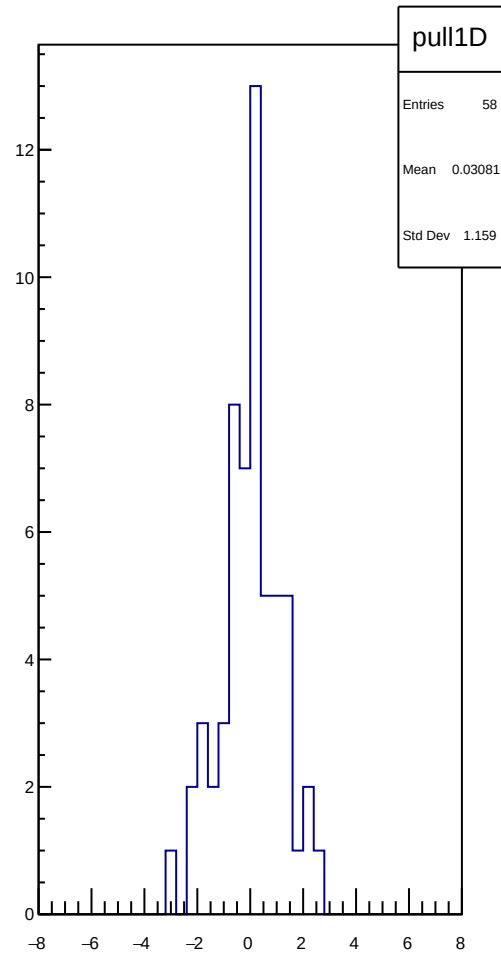
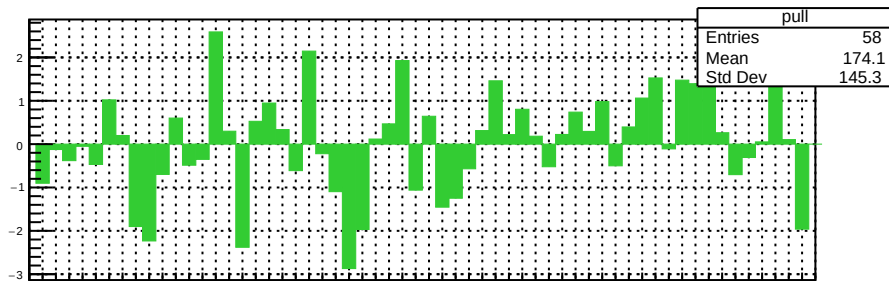
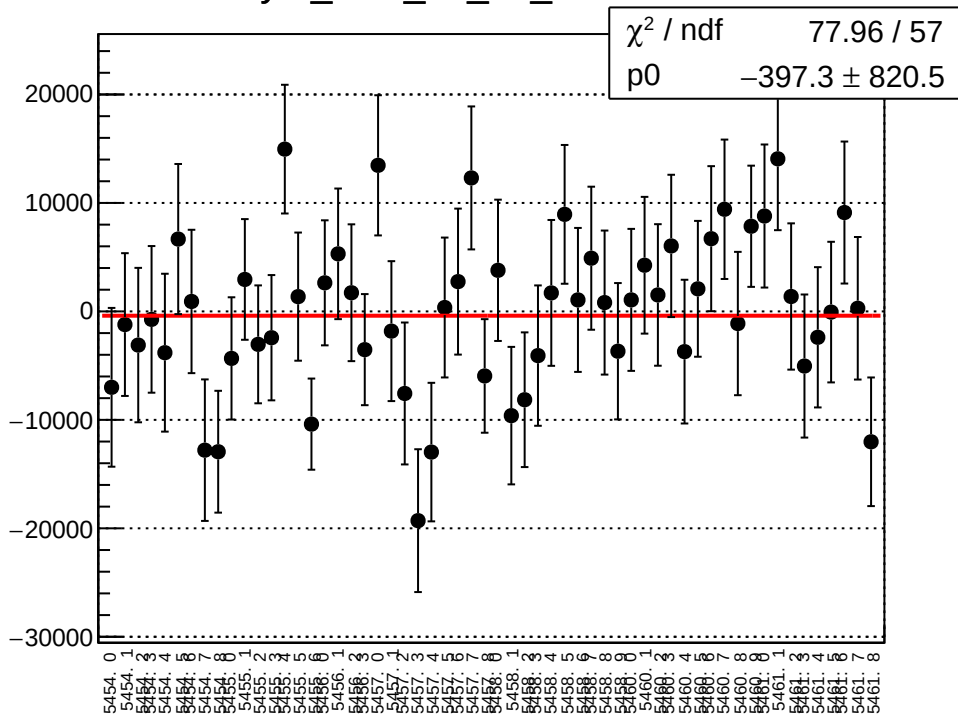
asym\_sam\_37\_dd\_correction\_mean vs run



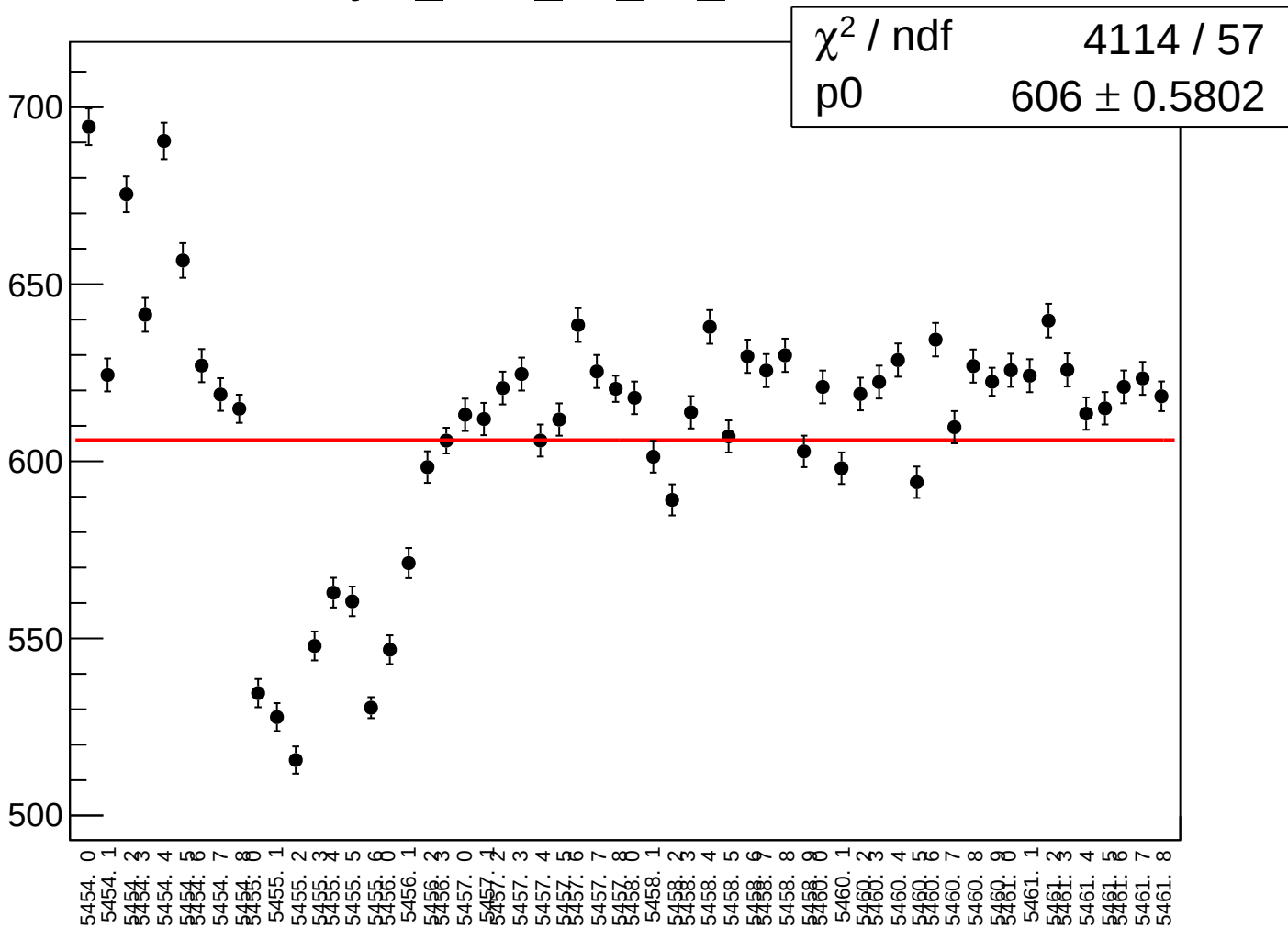
# asym\_sam\_37\_dd\_correction\_rms vs run



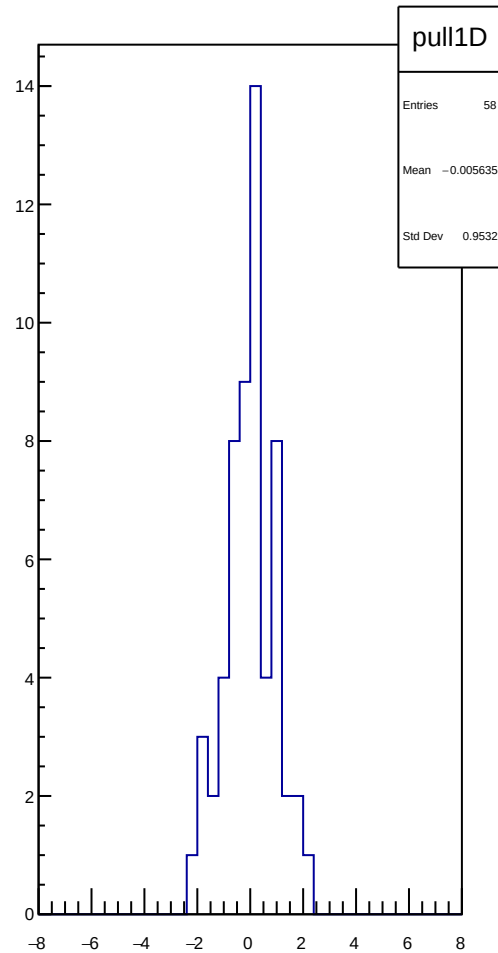
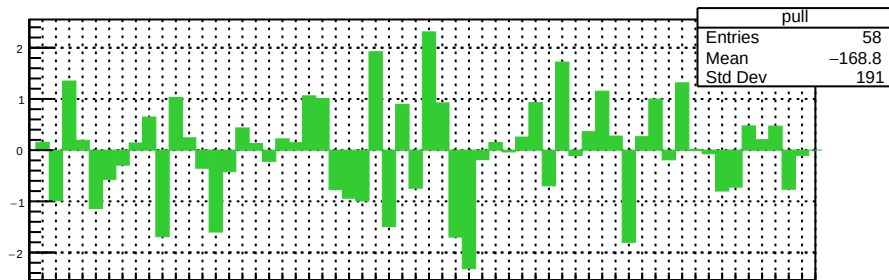
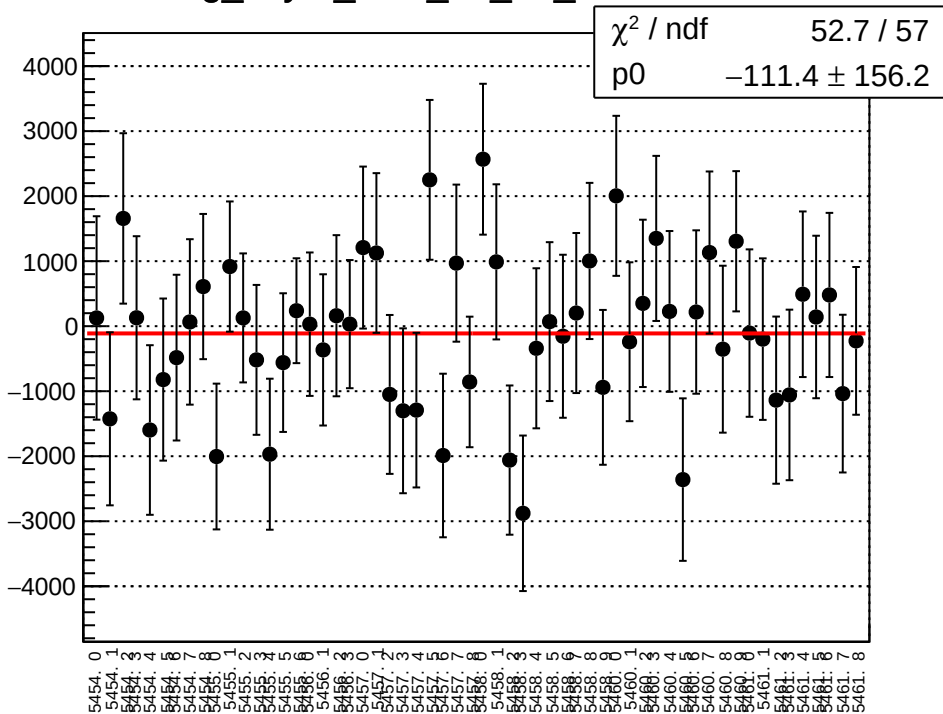
asym\_sam\_37\_dd\_mean vs run



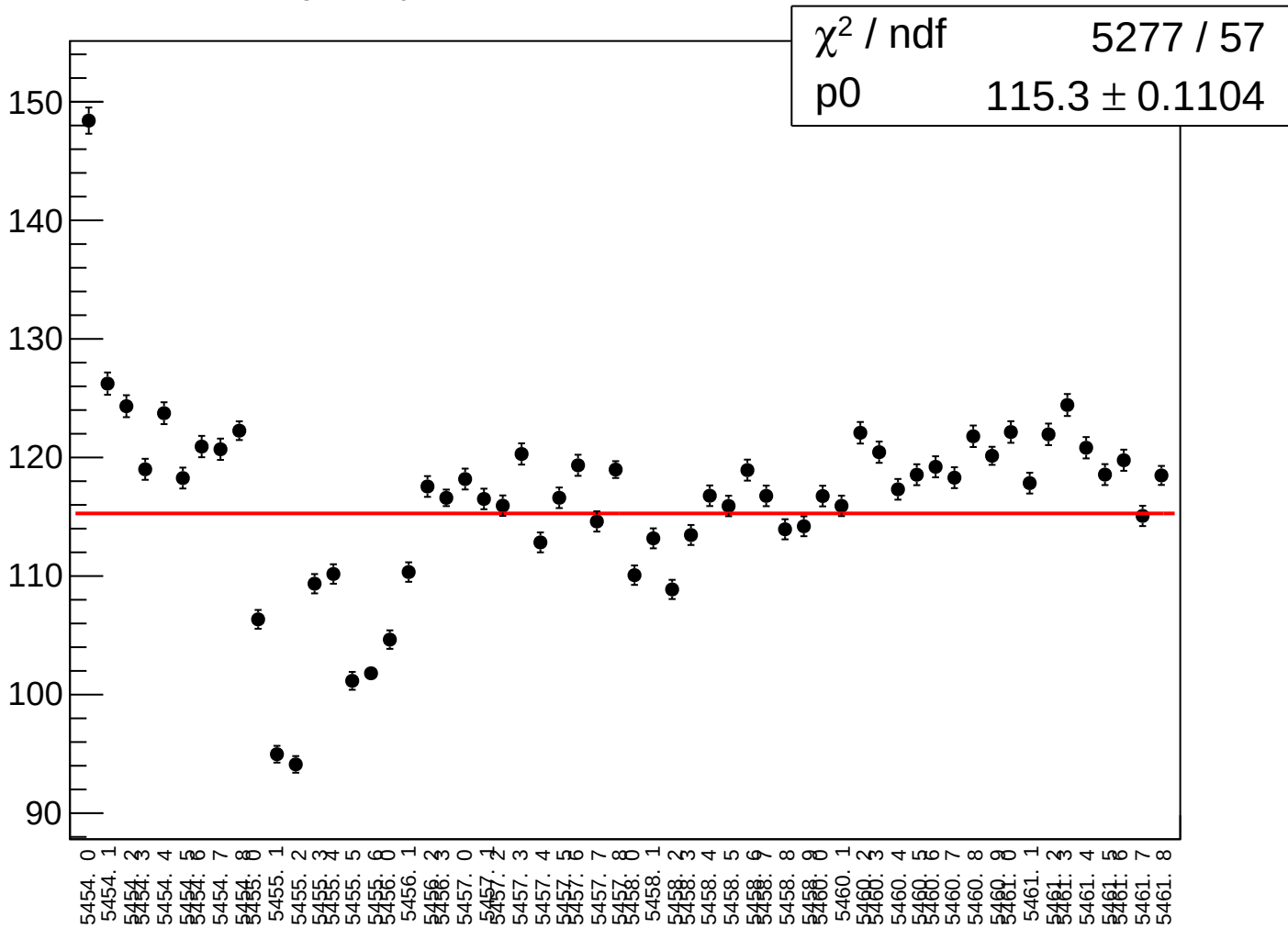
# asym\_sam\_37\_dd\_rms vs run



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

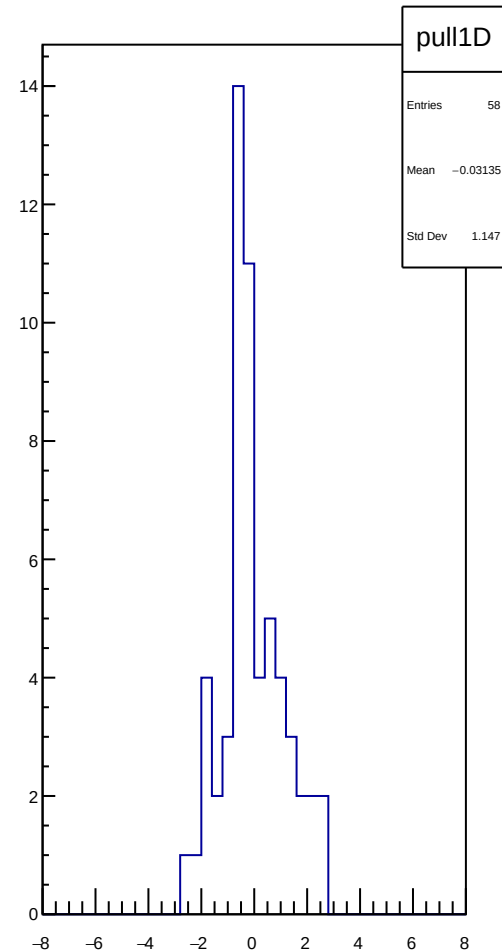
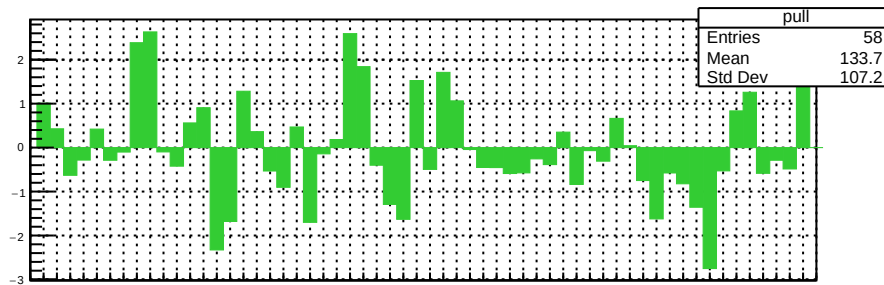
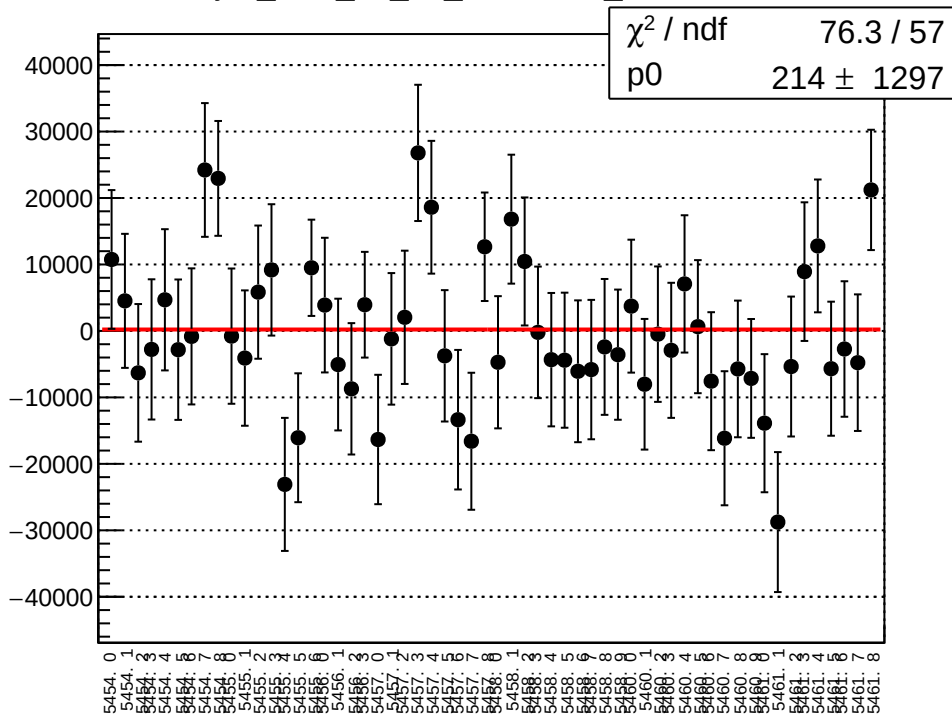


# reg\_asym\_sam\_48\_dd\_rms vs run

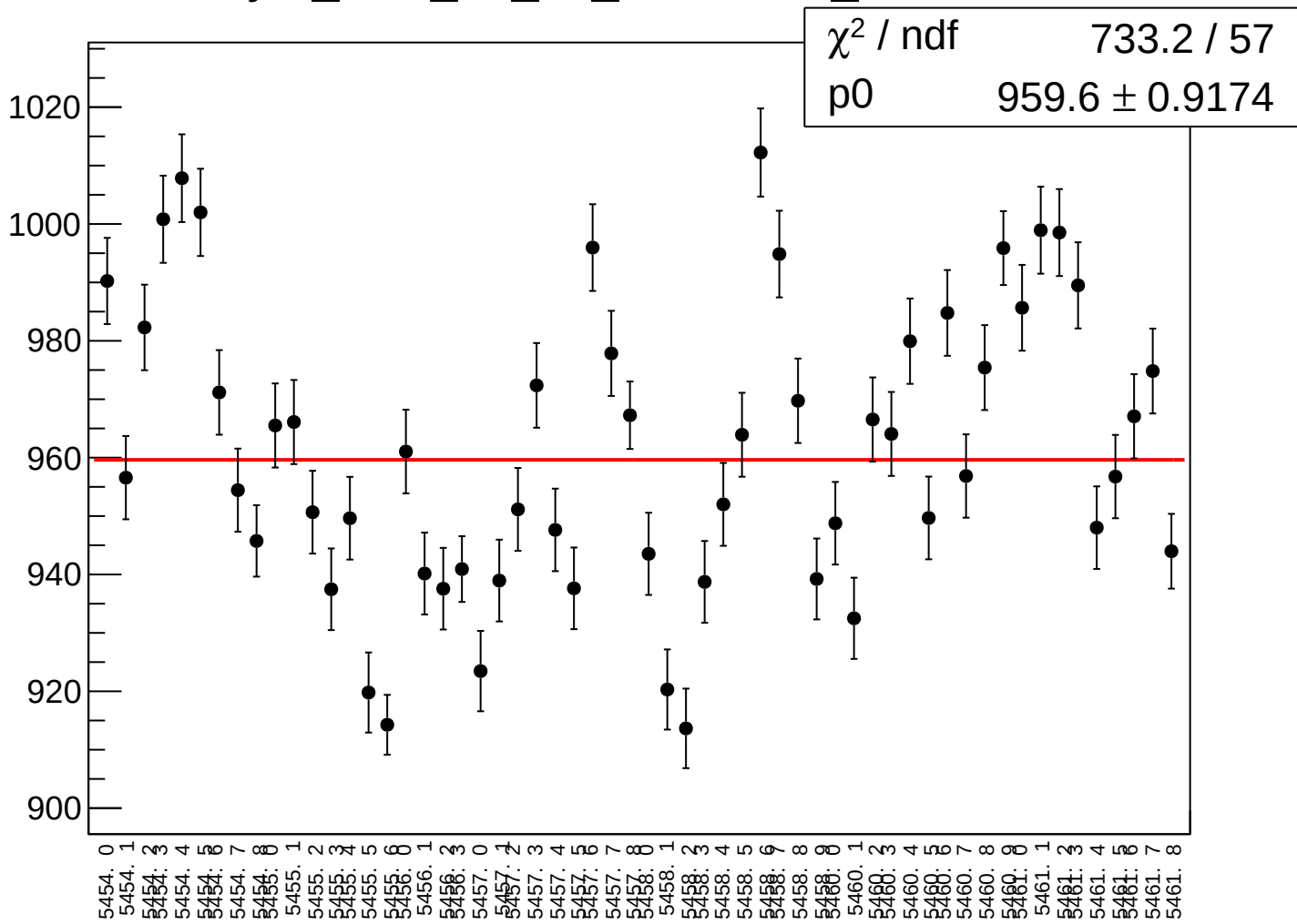




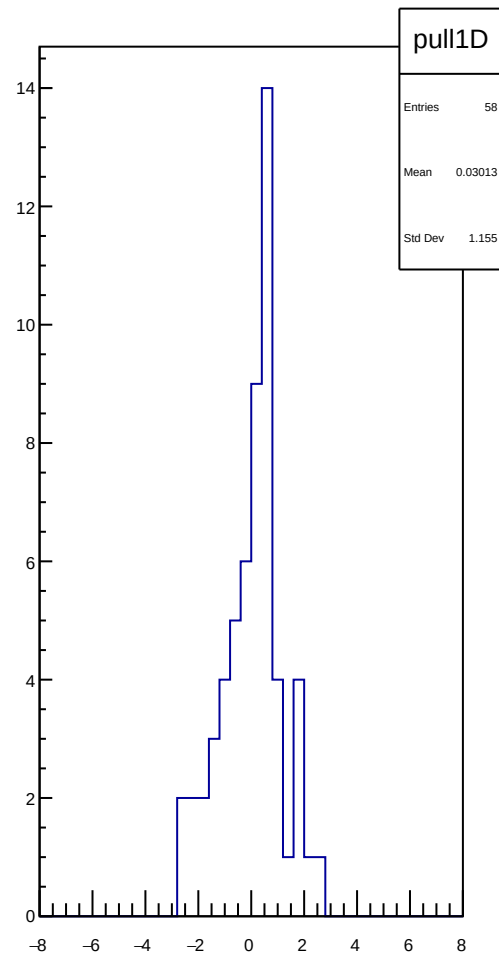
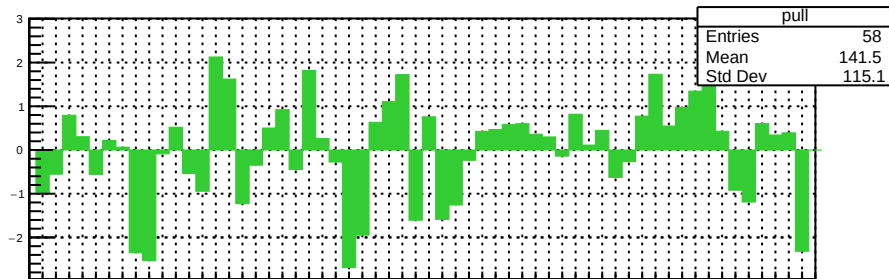
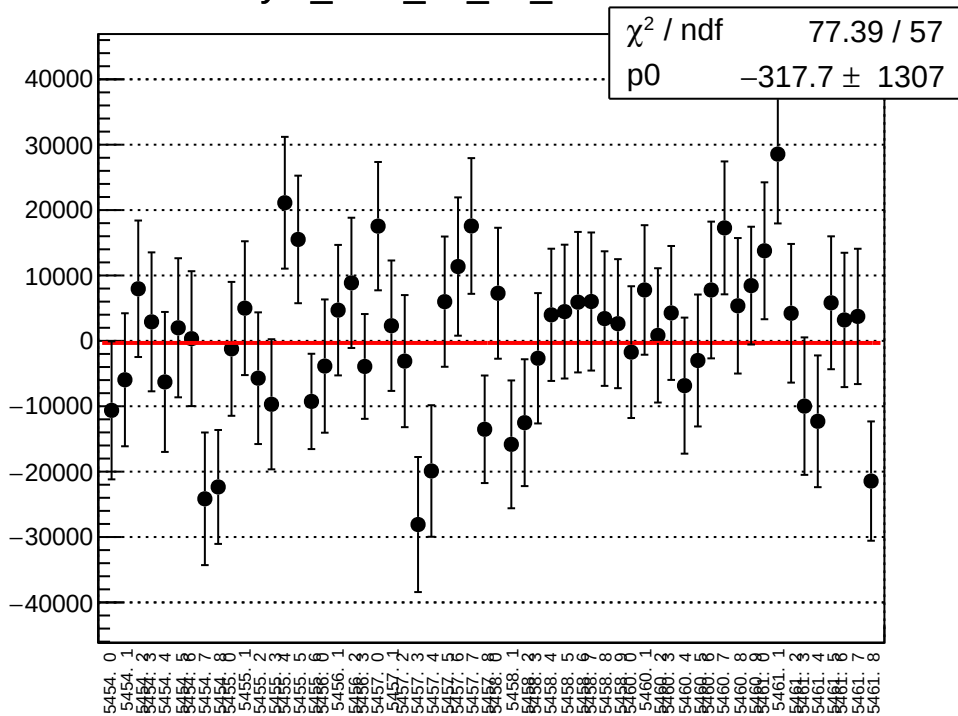
asym\_sam\_48\_dd\_correction\_mean vs run



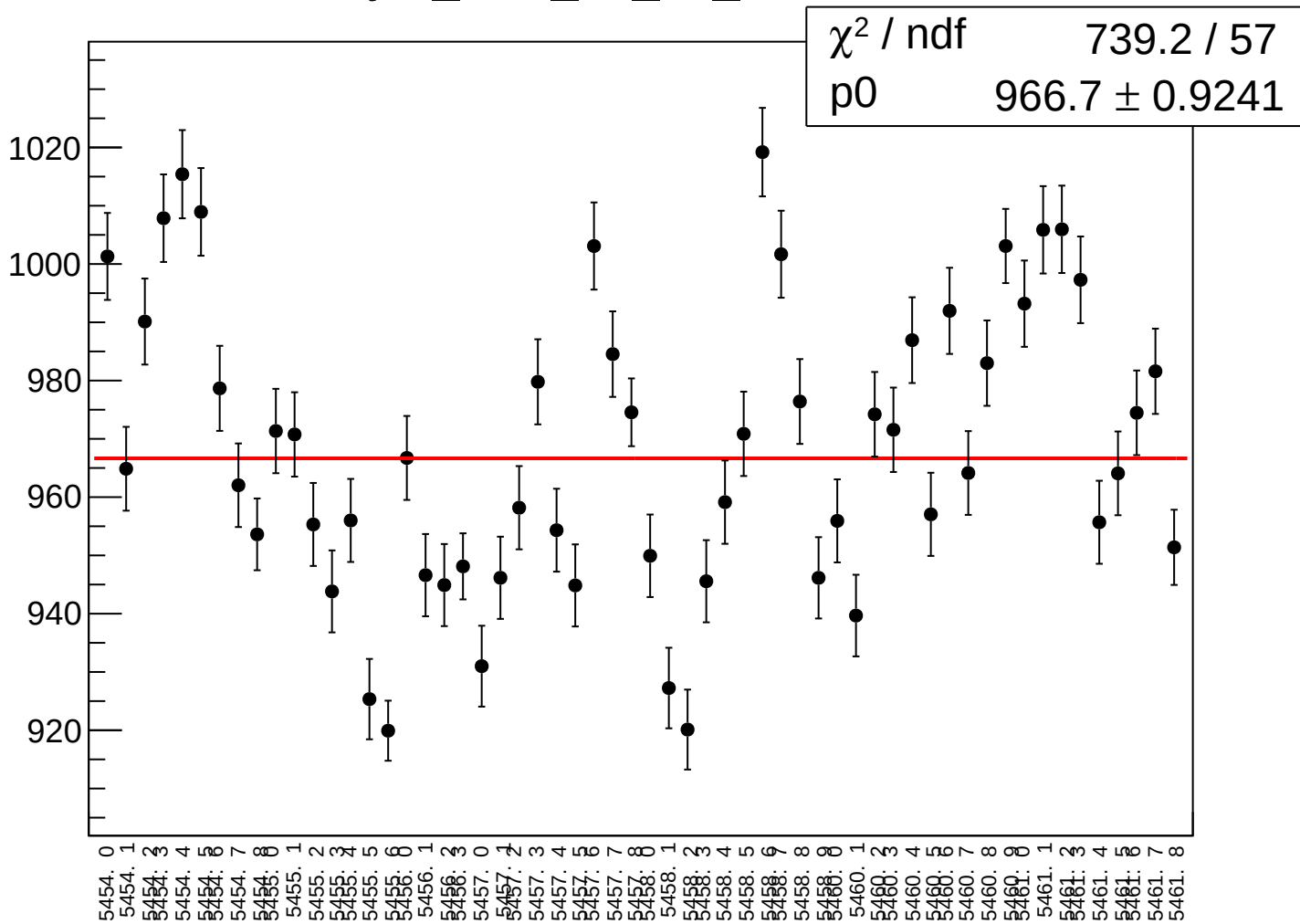
# asym\_sam\_48\_dd\_correction\_rms vs run



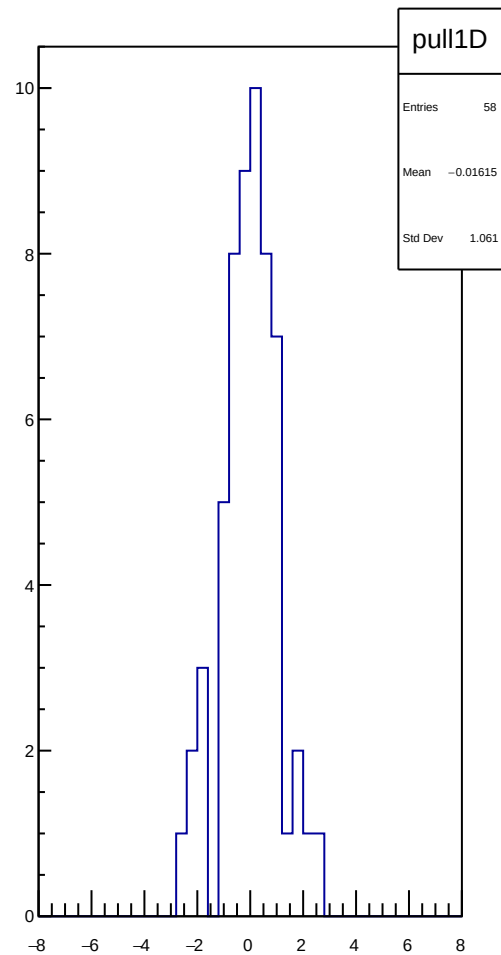
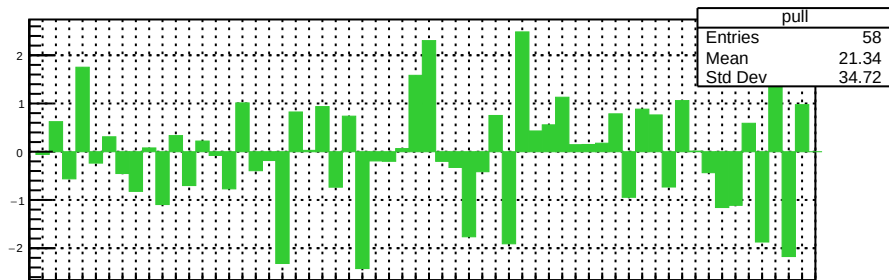
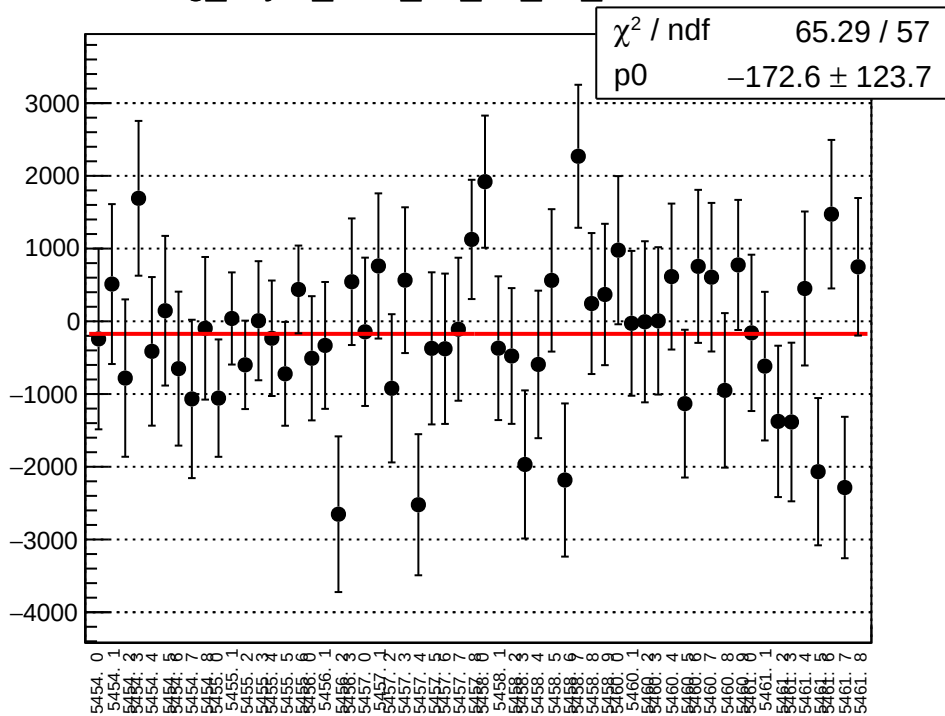
asym\_sam\_48\_dd\_mean vs run



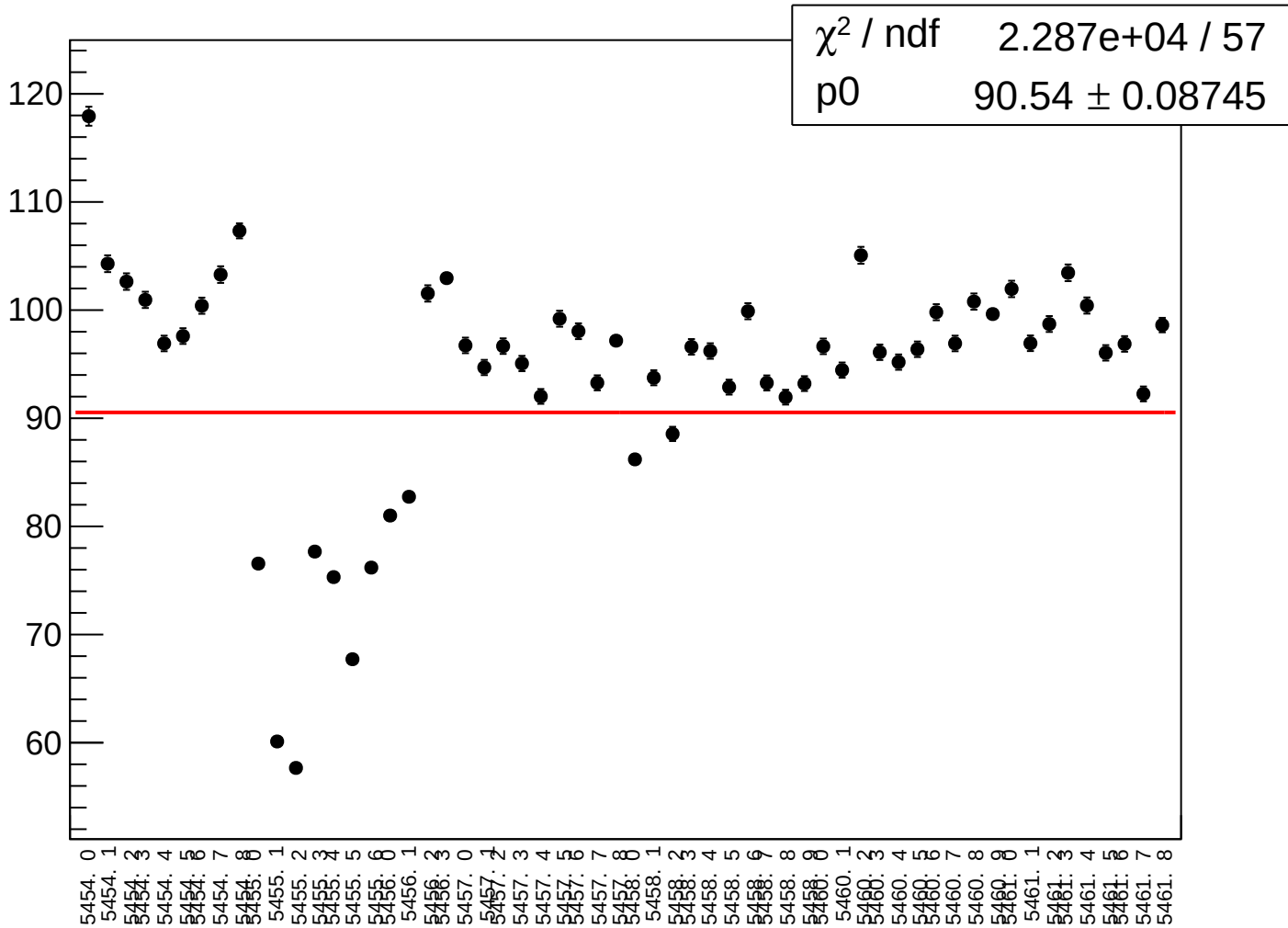
# asym\_sam\_48\_dd\_rms vs run



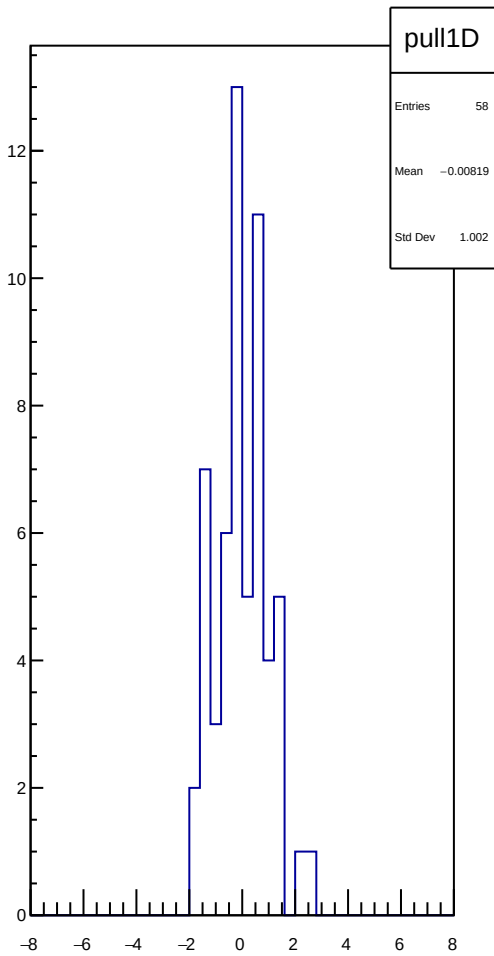
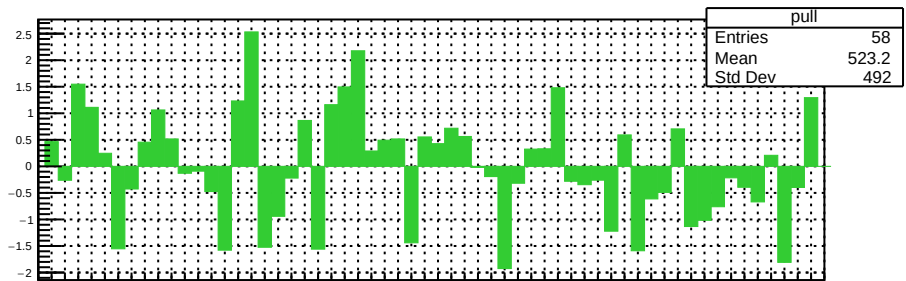
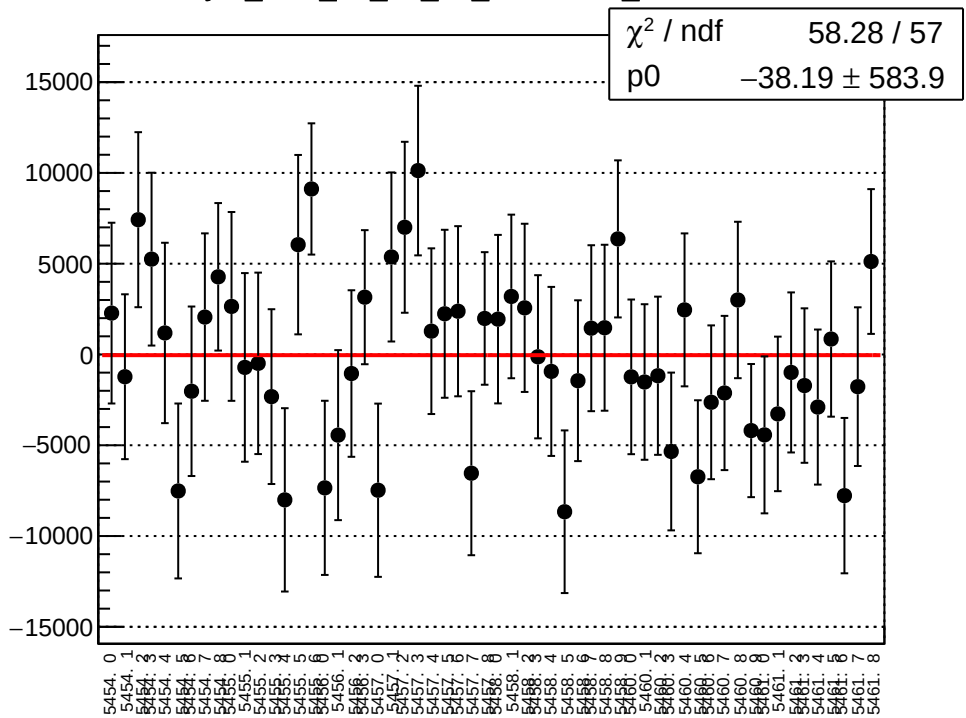
reg\_asym\_sam\_13\_57\_dd\_mean vs run



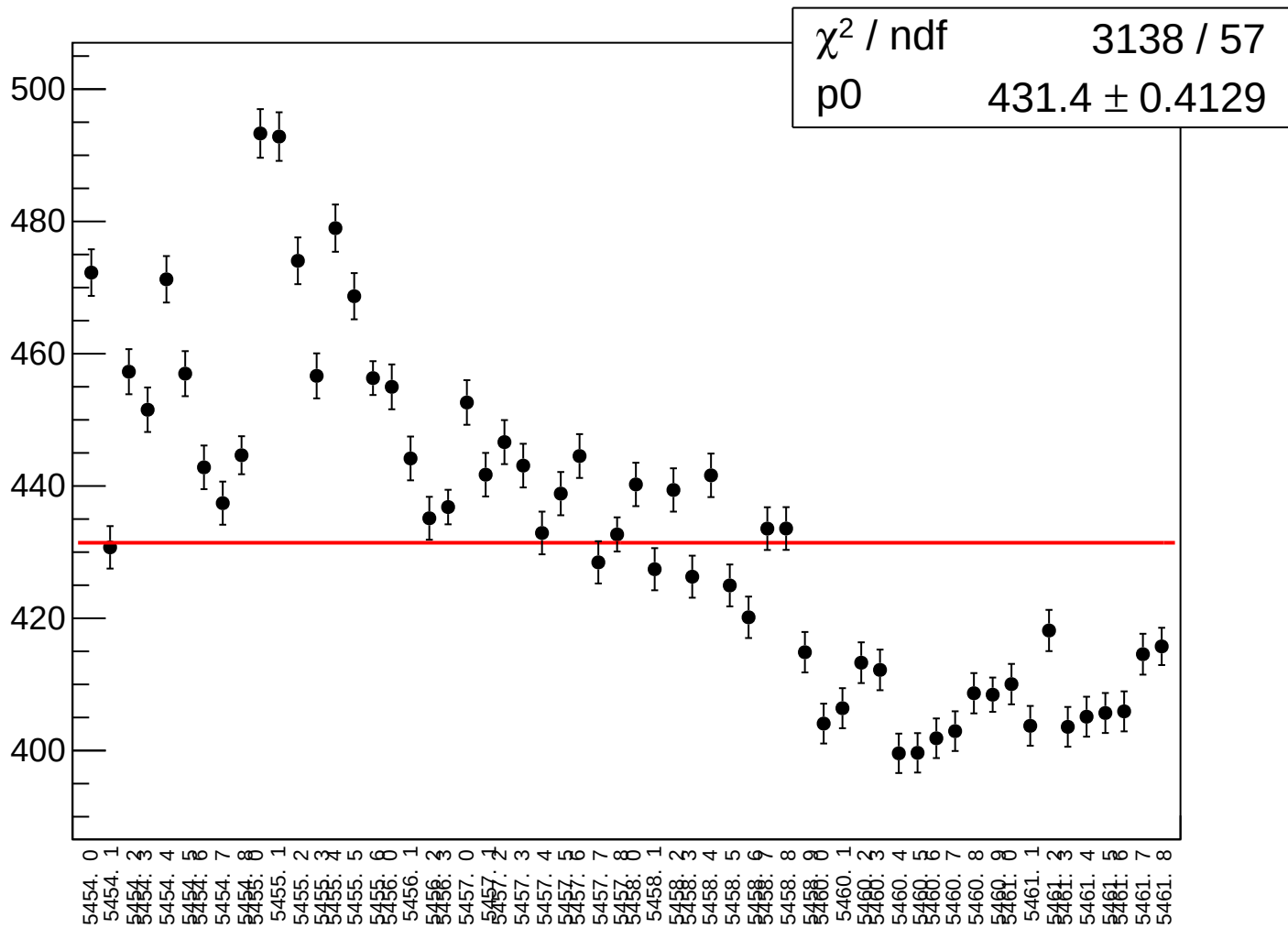
reg\_asym\_sam\_13\_57\_dd\_rms vs run



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

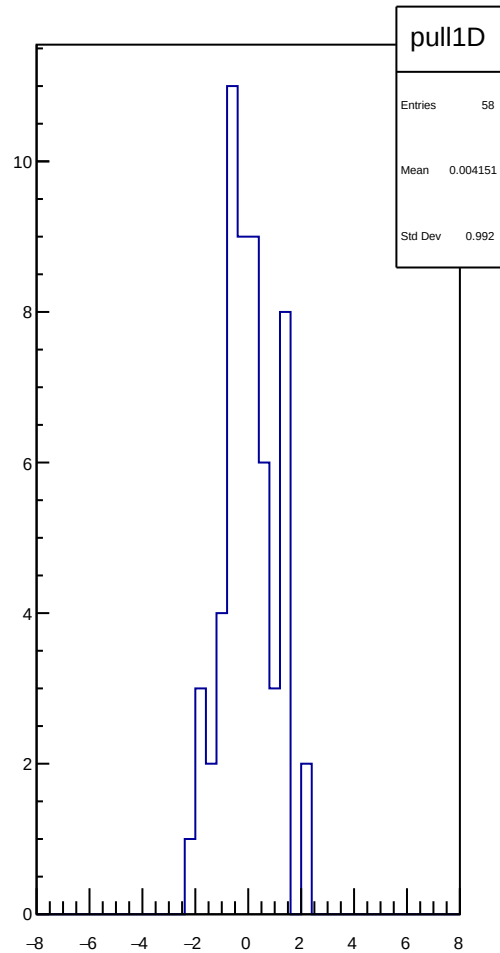
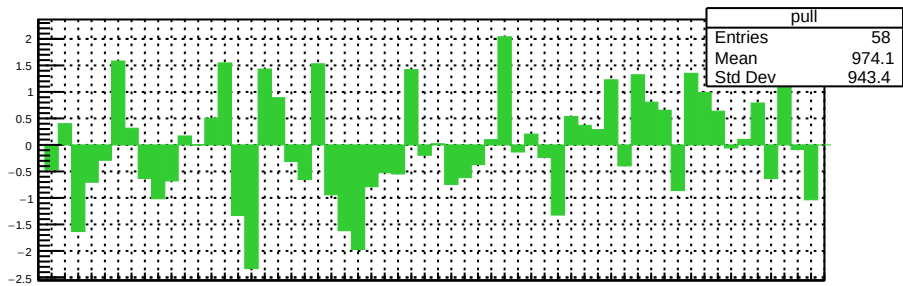
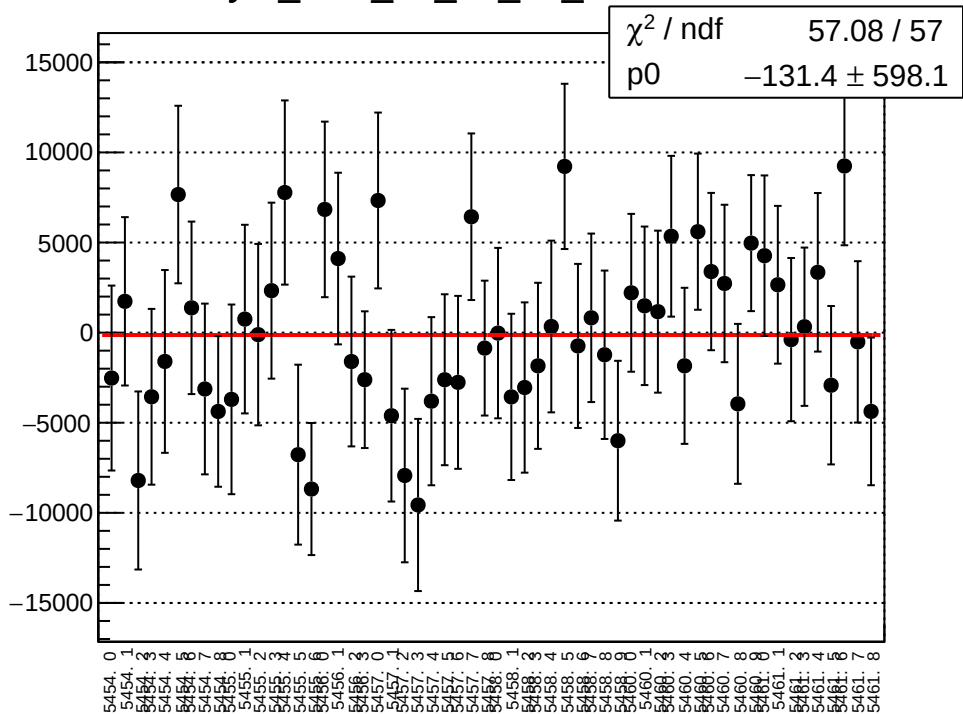


asym\_sam\_13\_57\_dd\_correction\_rms vs run

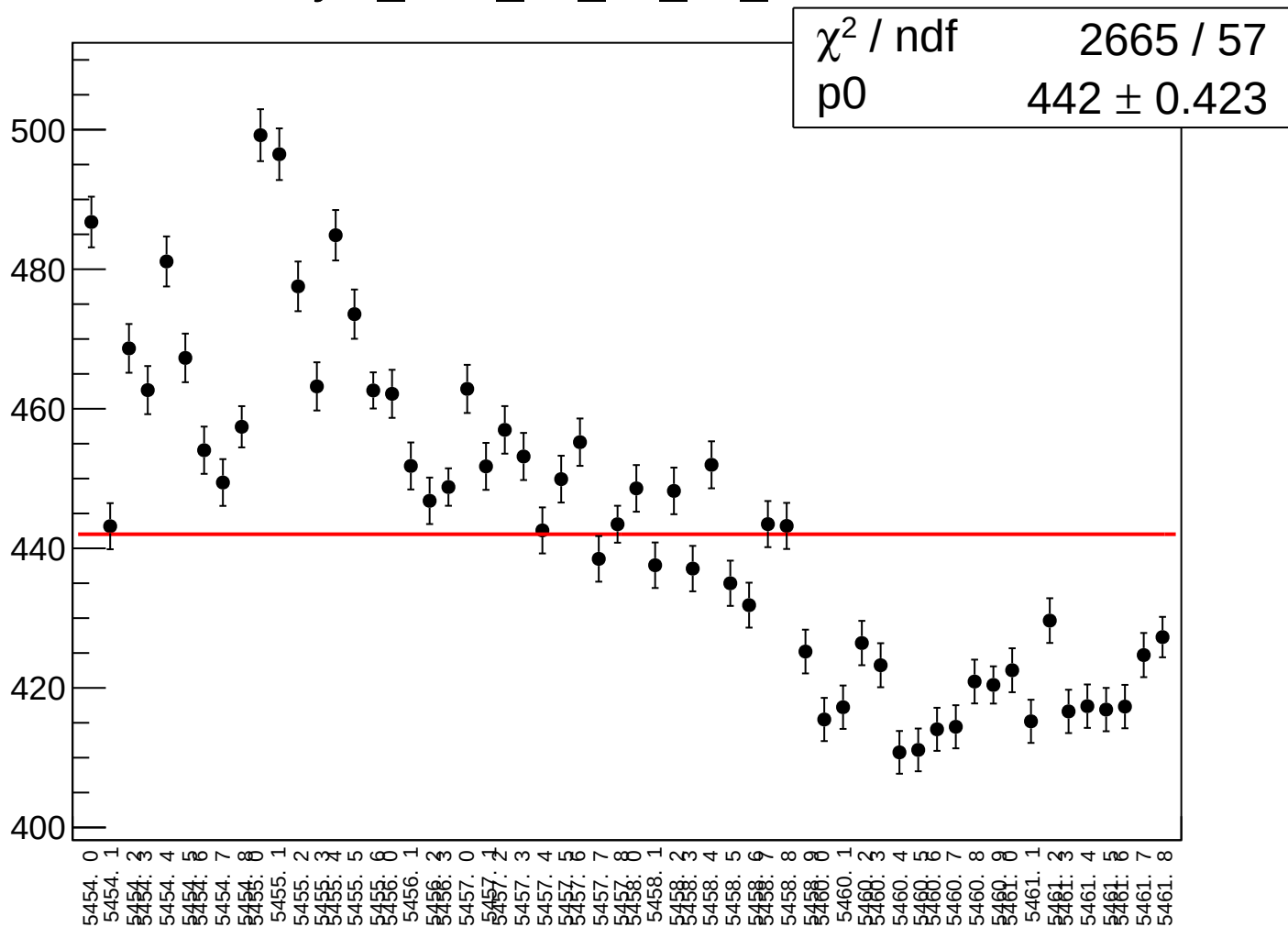




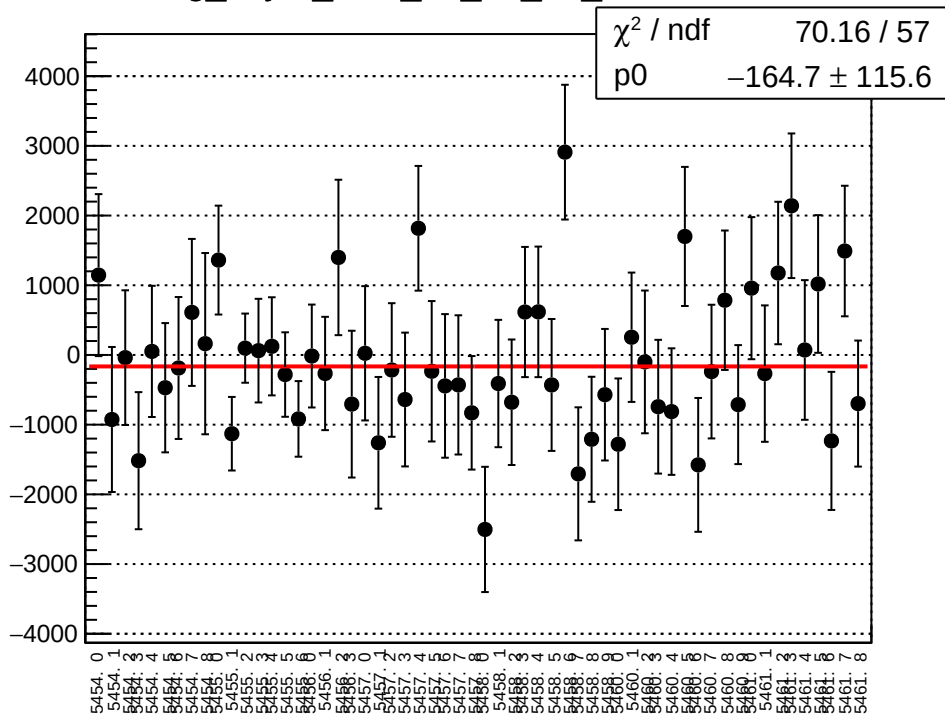
asym\_sam\_13\_57\_dd\_mean vs run



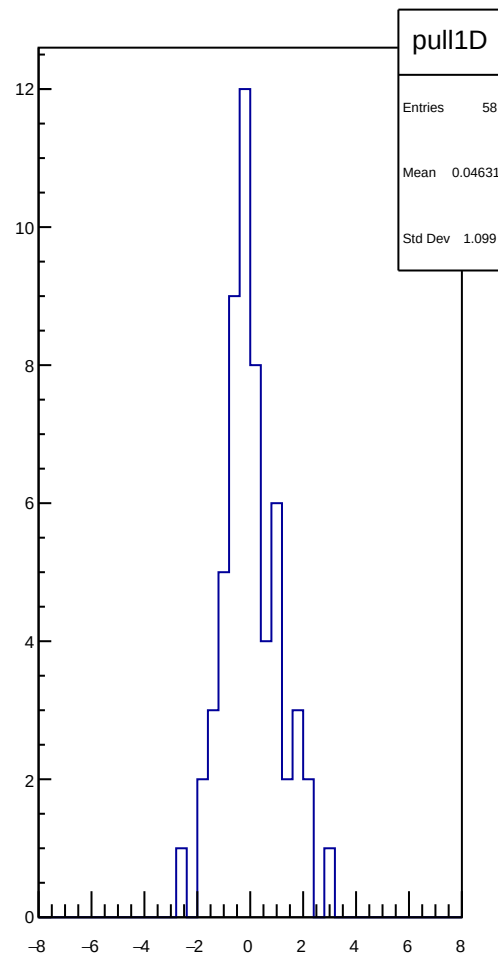
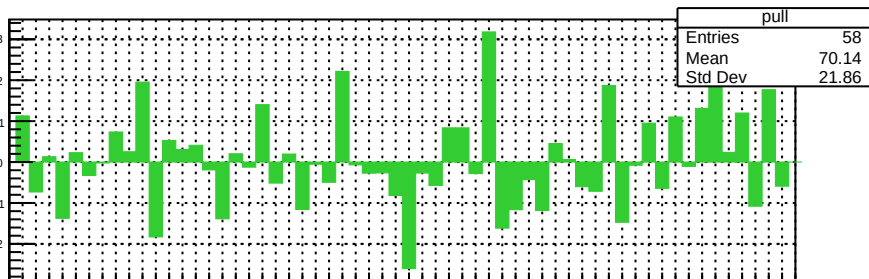
asym\_sam\_13\_57\_dd\_rms vs run



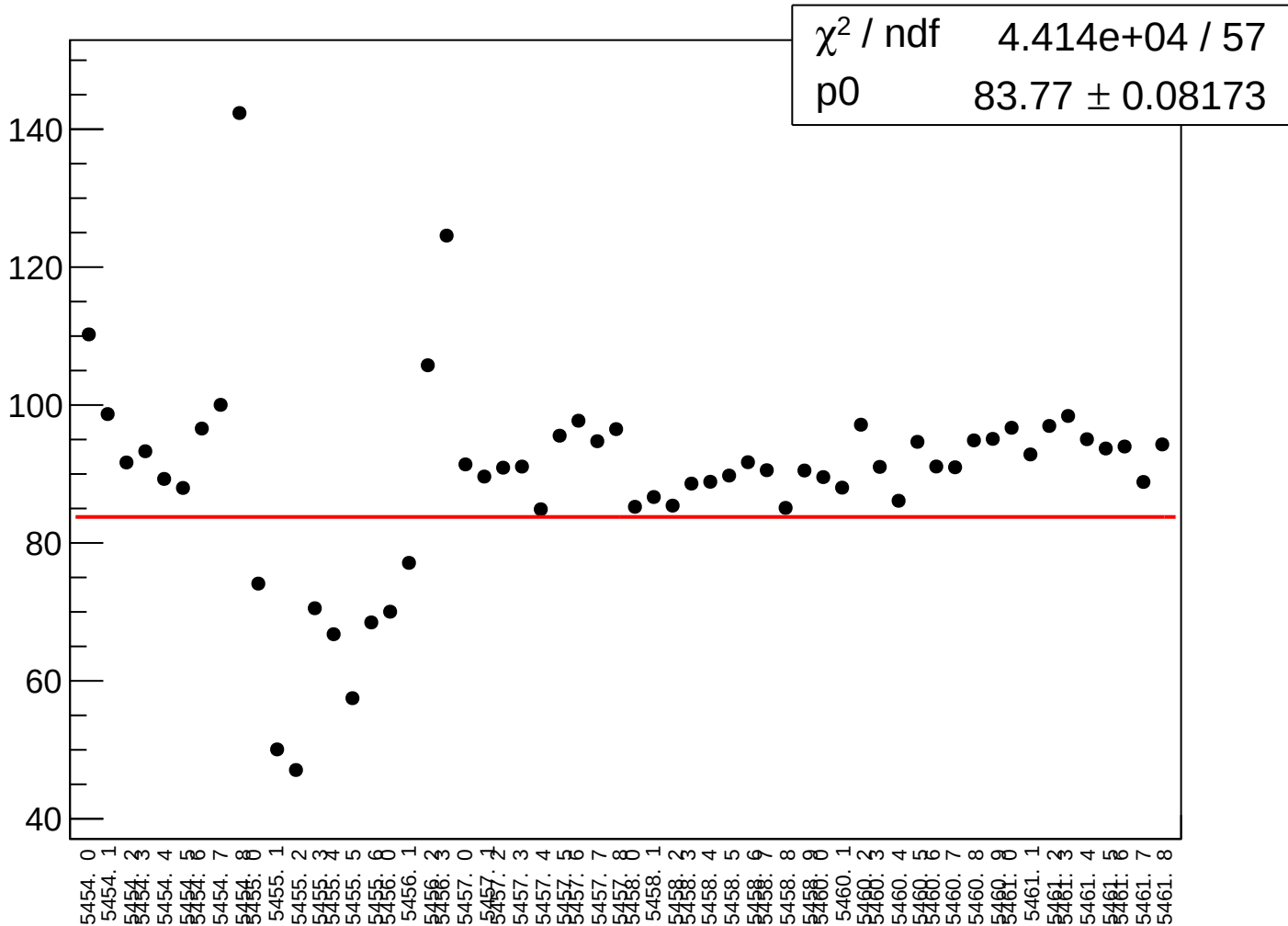
reg\_asym\_sam\_15\_37\_dd\_mean vs run



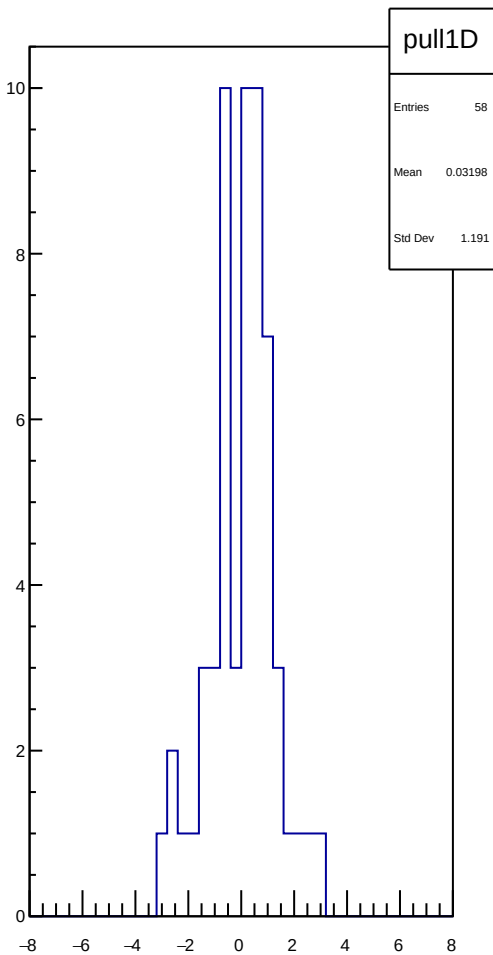
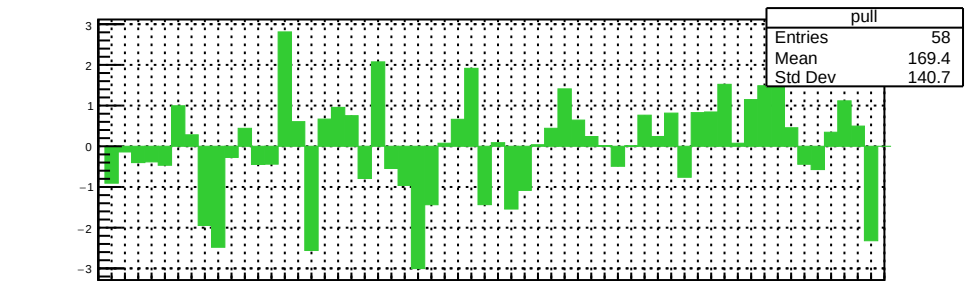
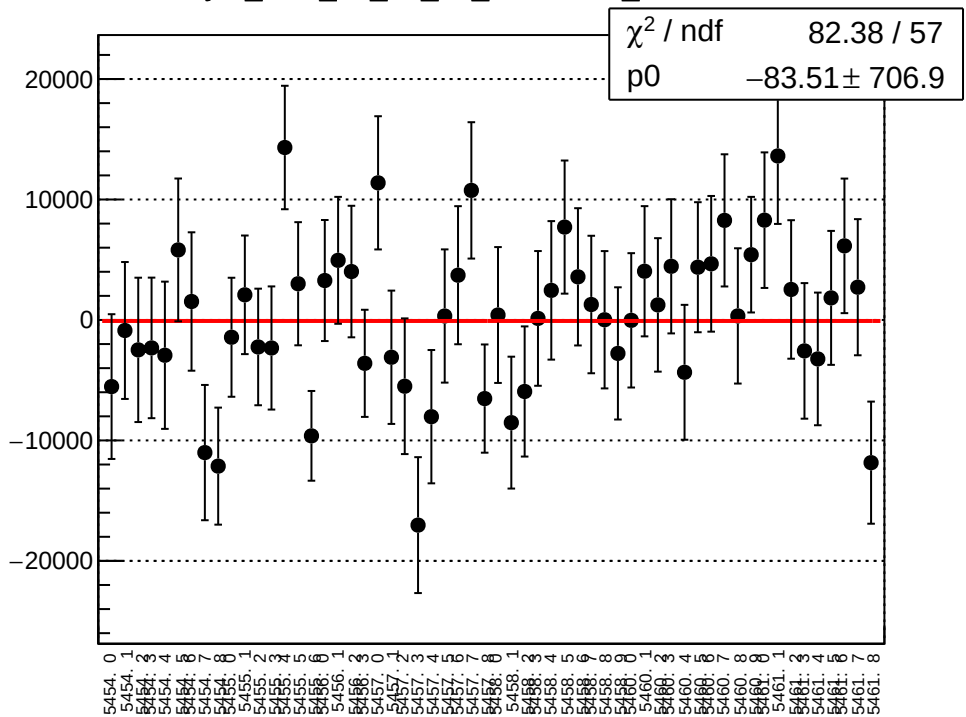
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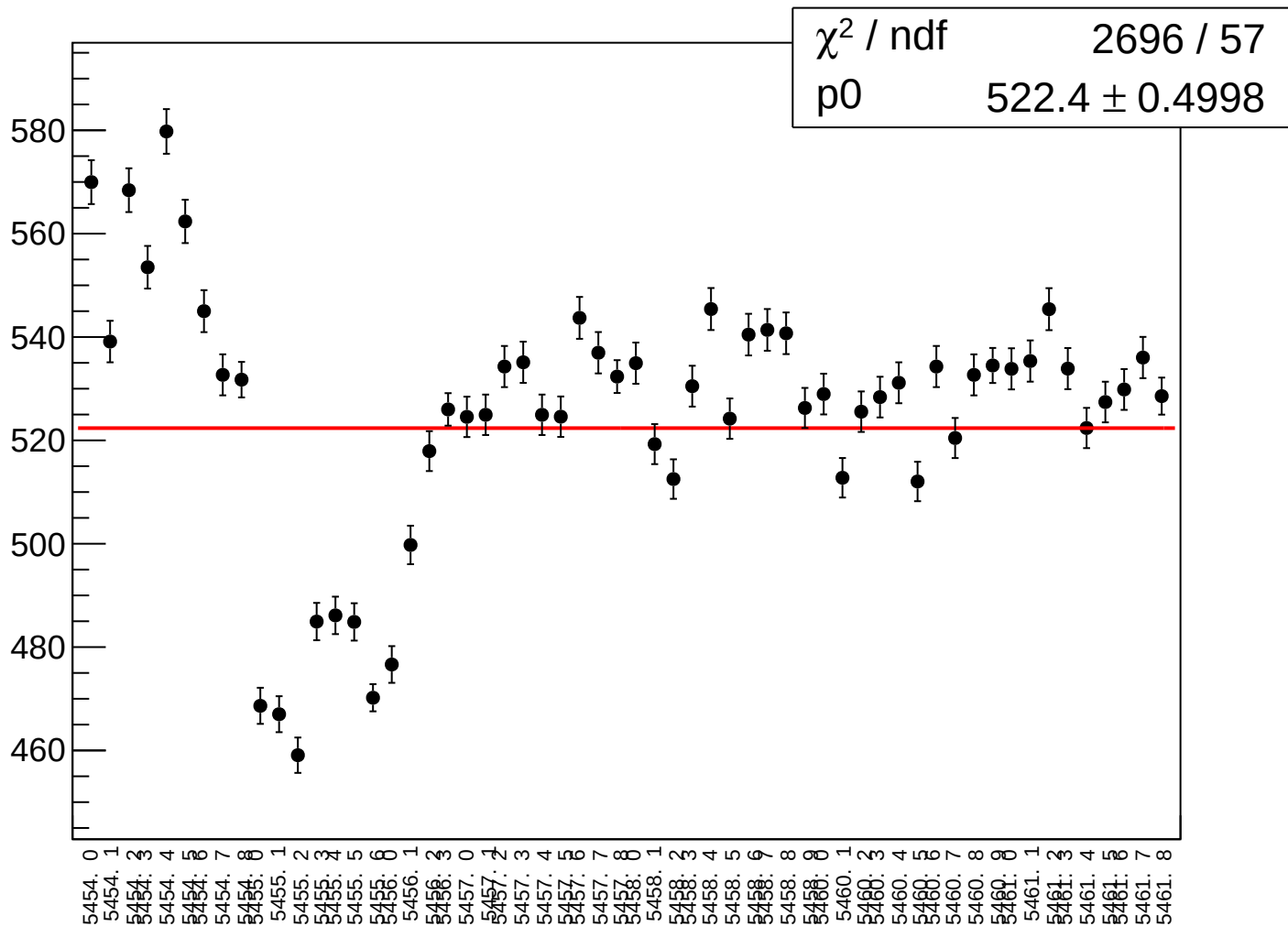
reg\_asym\_sam\_15\_37\_dd\_rms vs run



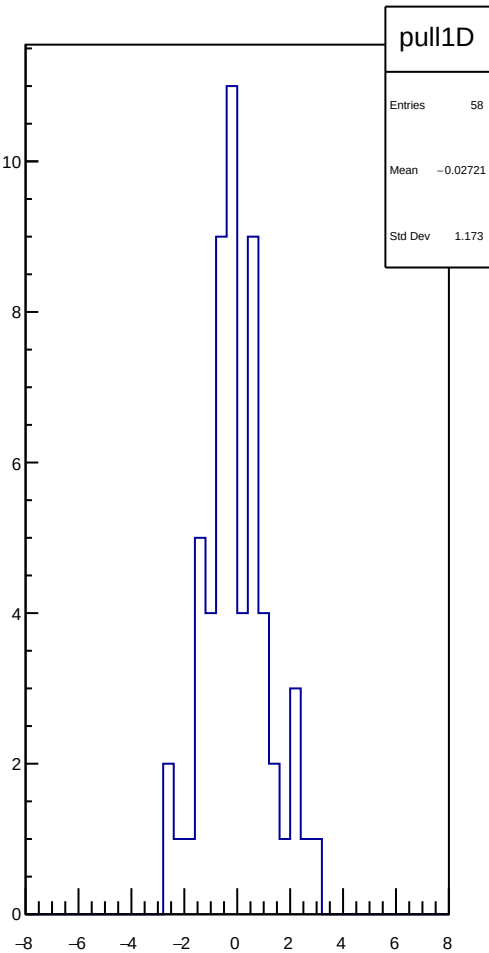
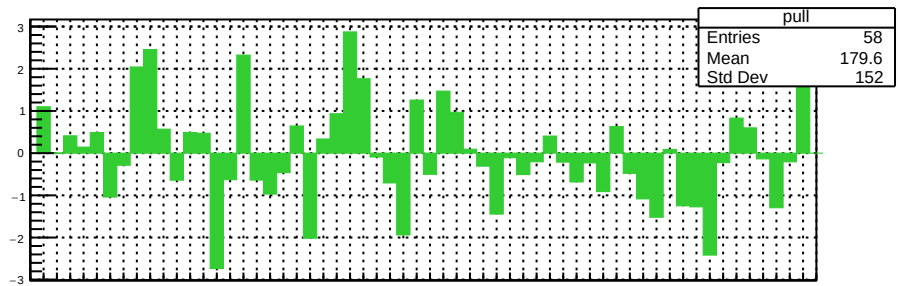
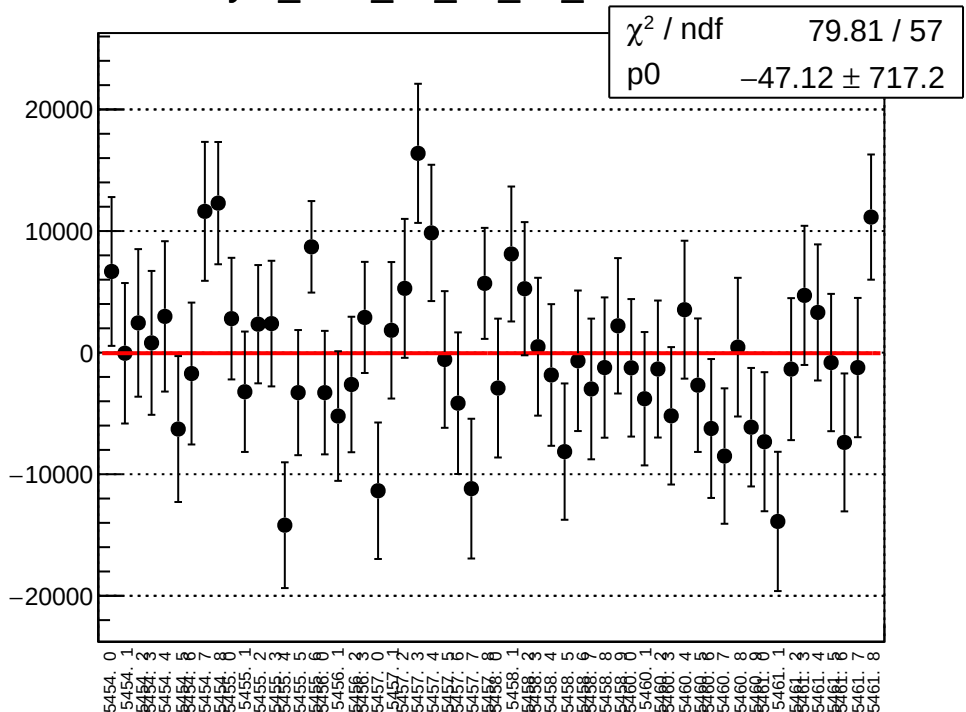
asym\_sam\_15\_37\_dd\_correction\_mean vs run



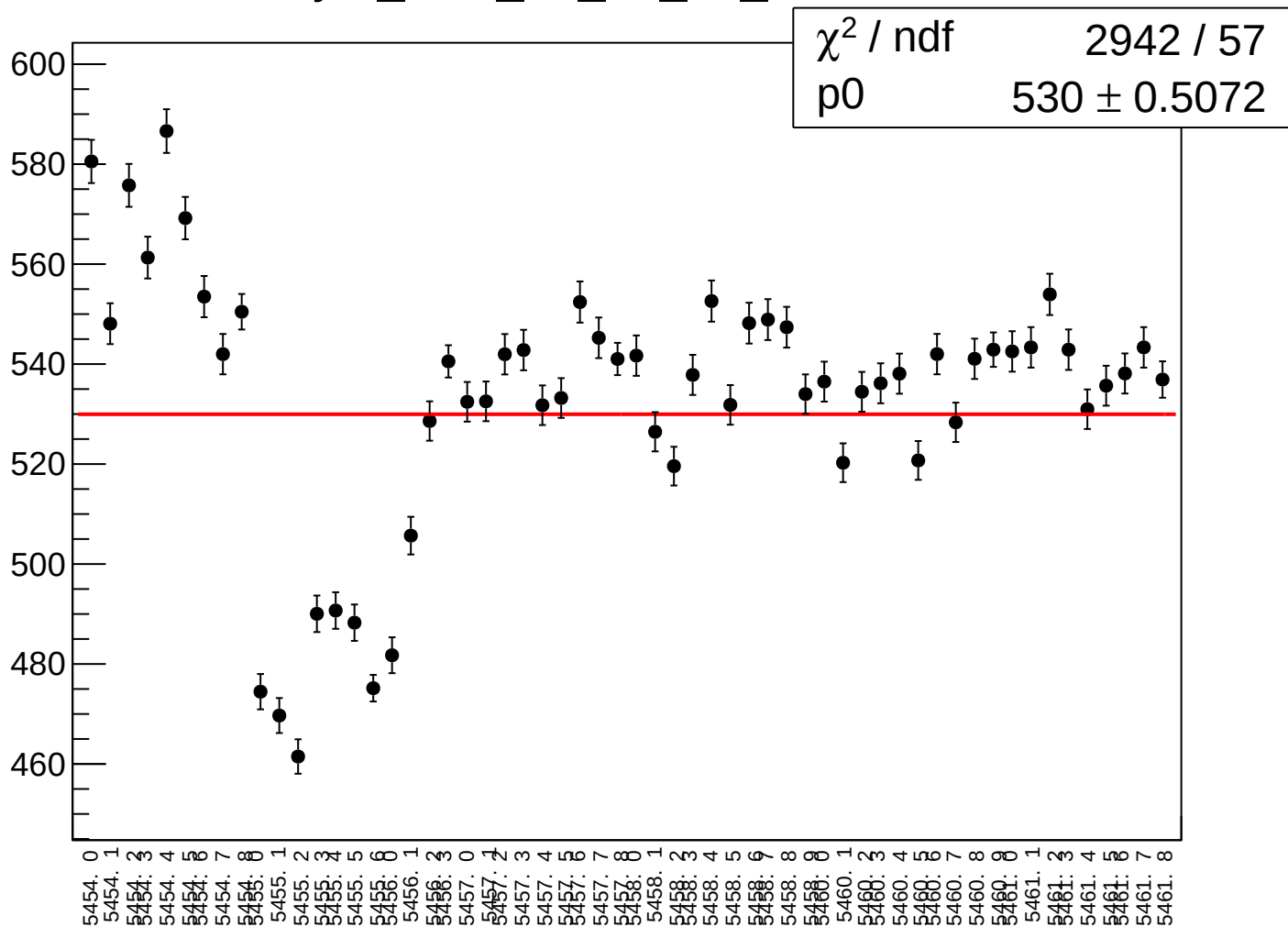
asym\_sam\_15\_37\_dd\_correction\_rms vs run



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

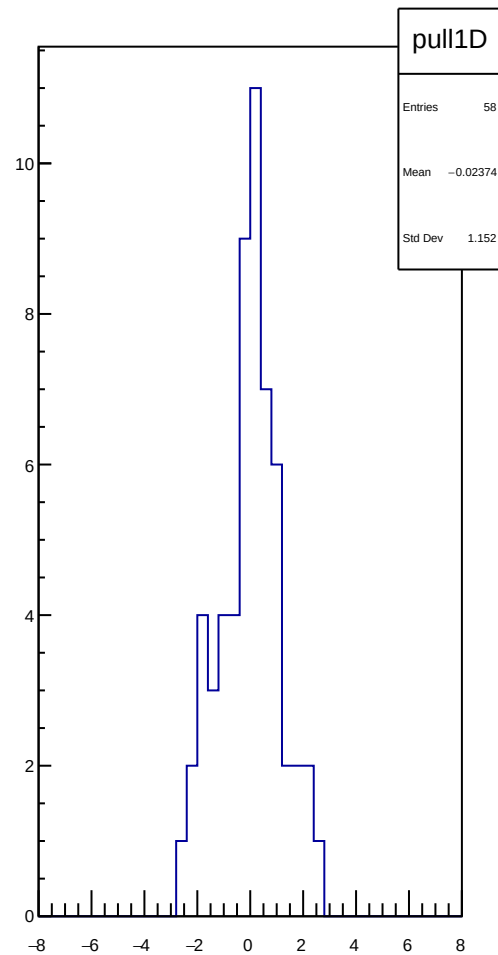
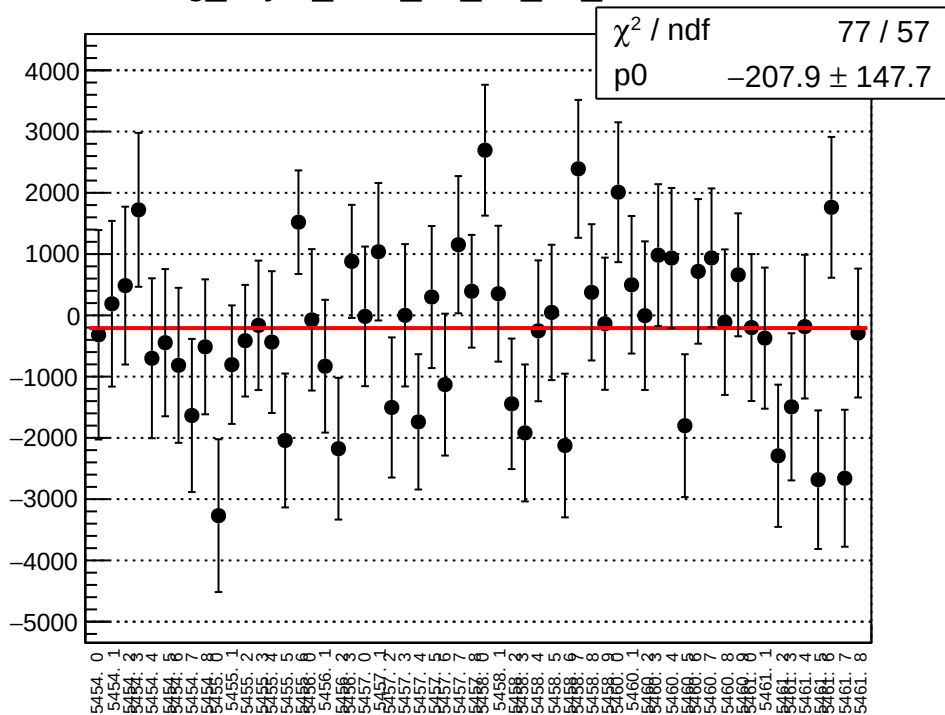


# asym\_sam\_15\_37\_dd\_rms vs run

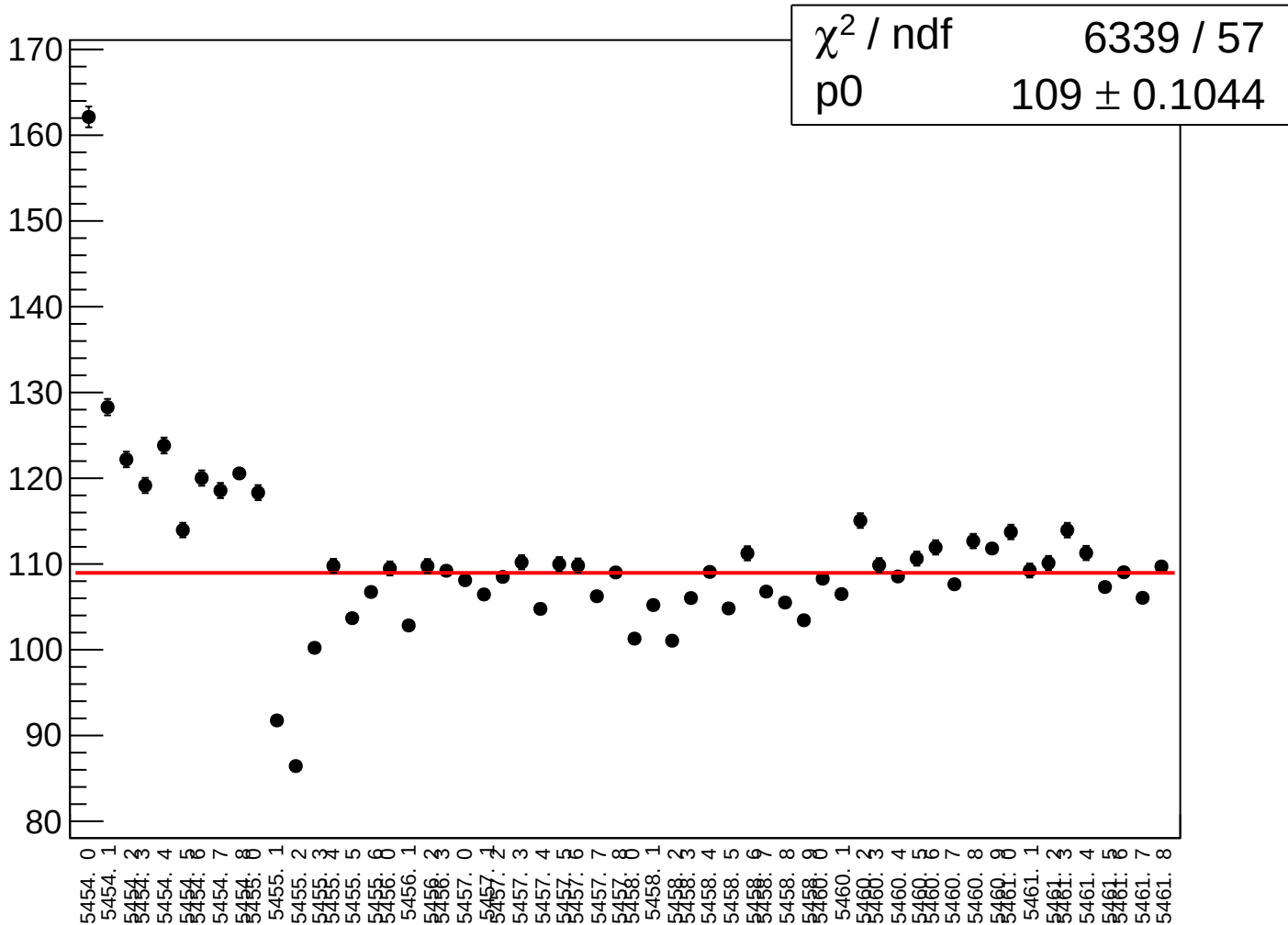




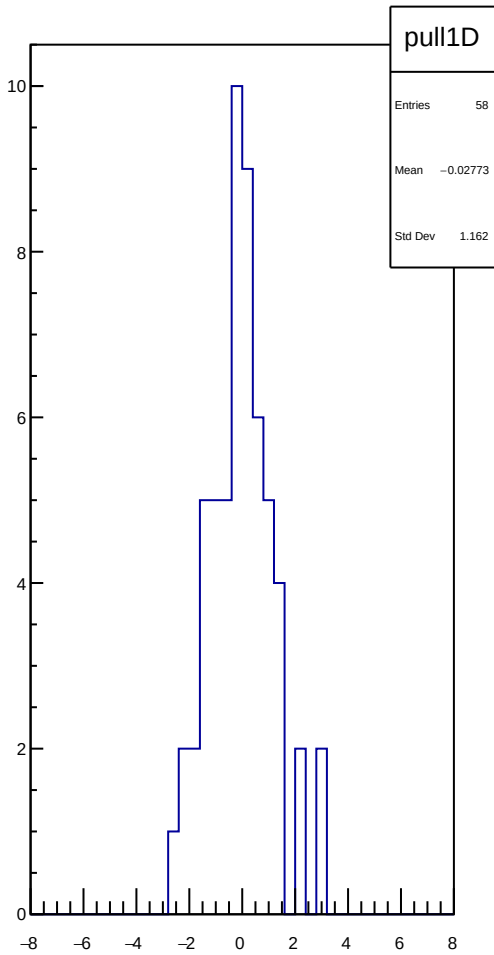
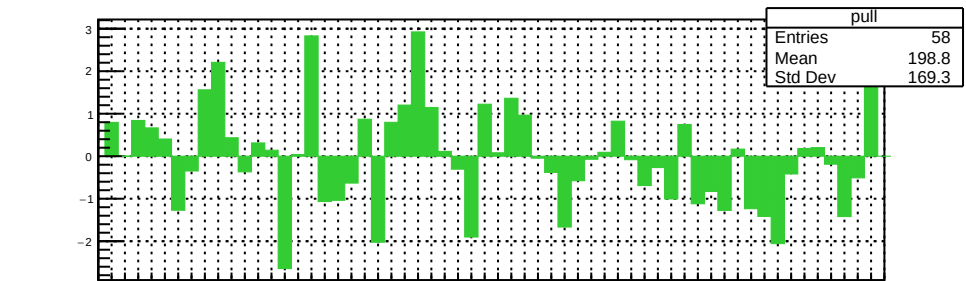
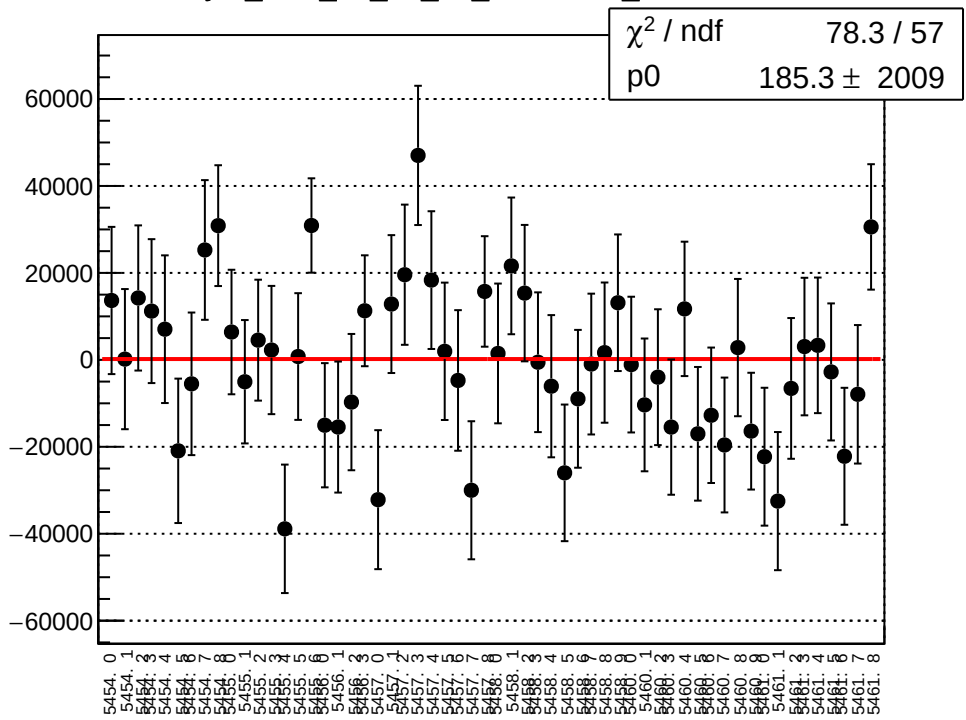
reg\_asym\_sam\_24\_68\_dd\_mean vs run



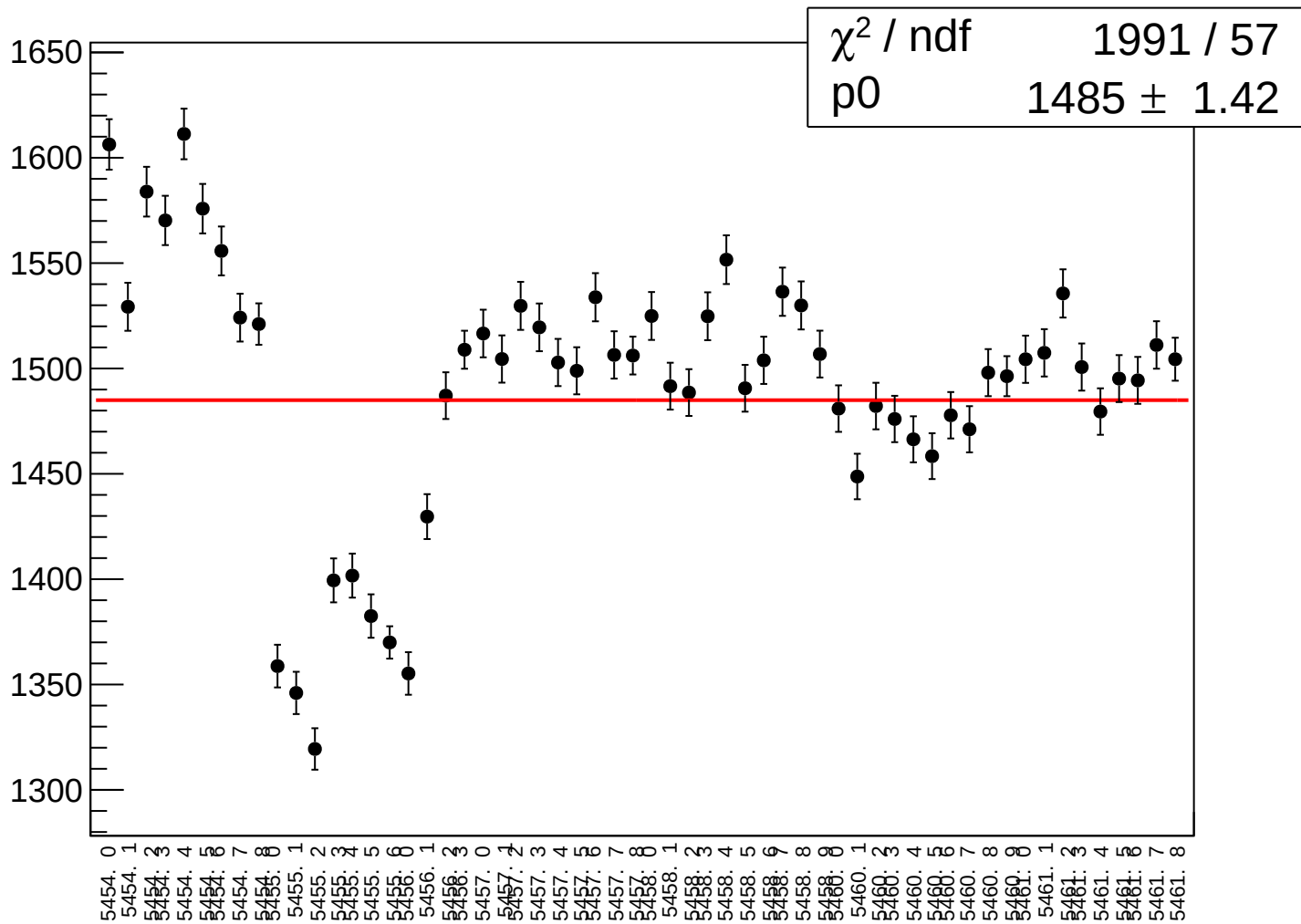
# reg\_asym\_sam\_24\_68\_dd\_rms vs run



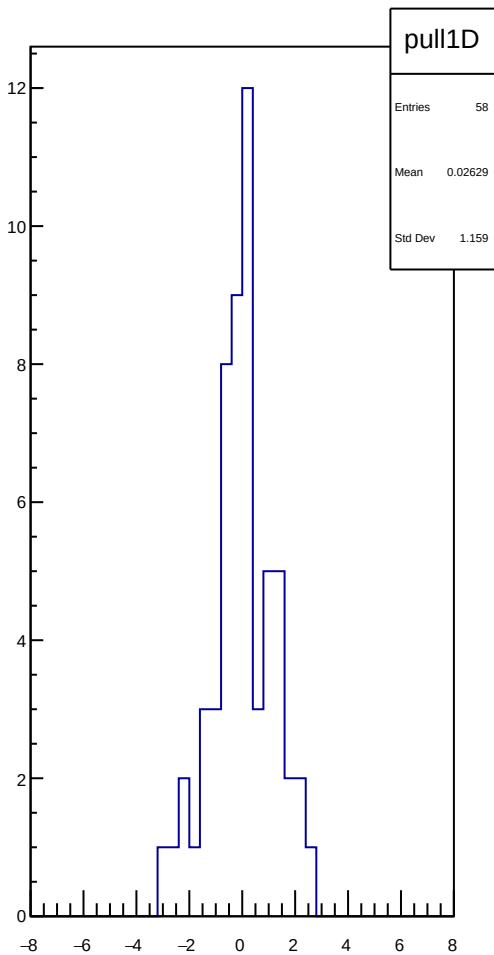
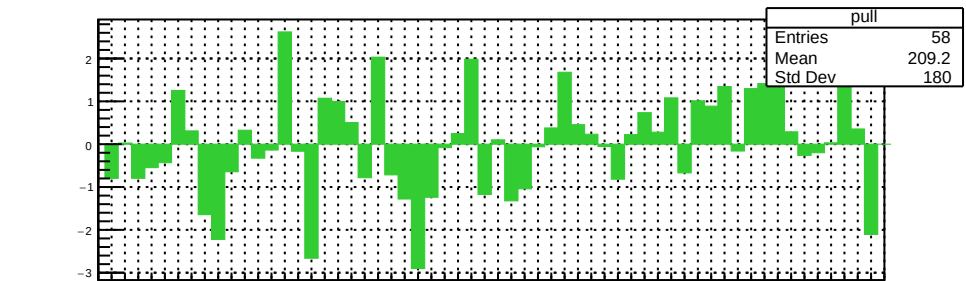
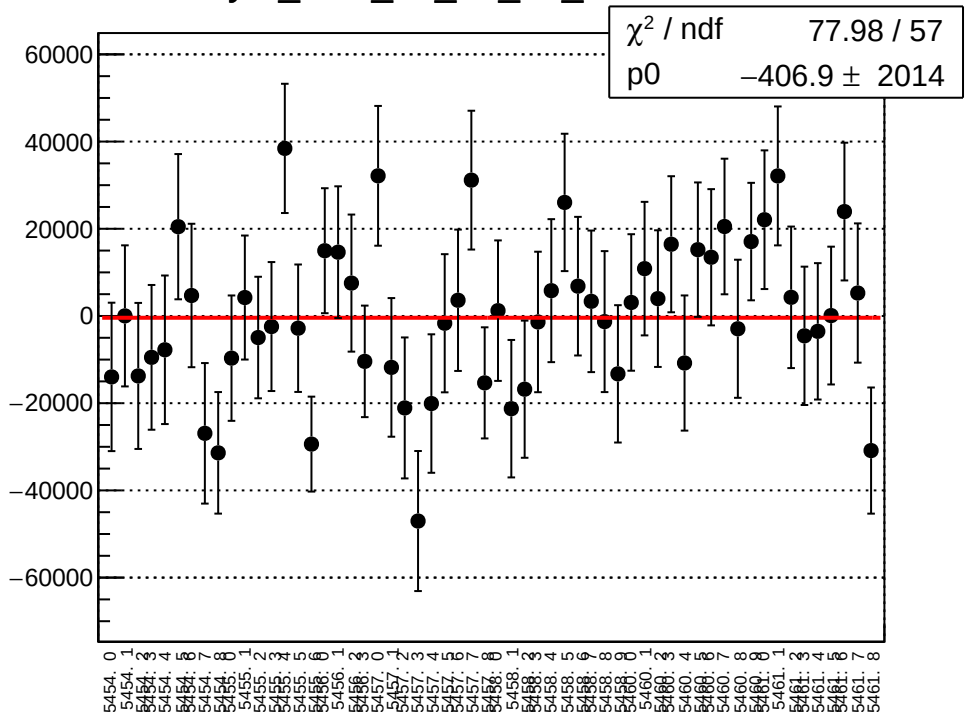
asym\_sam\_24\_68\_dd\_correction\_mean vs run



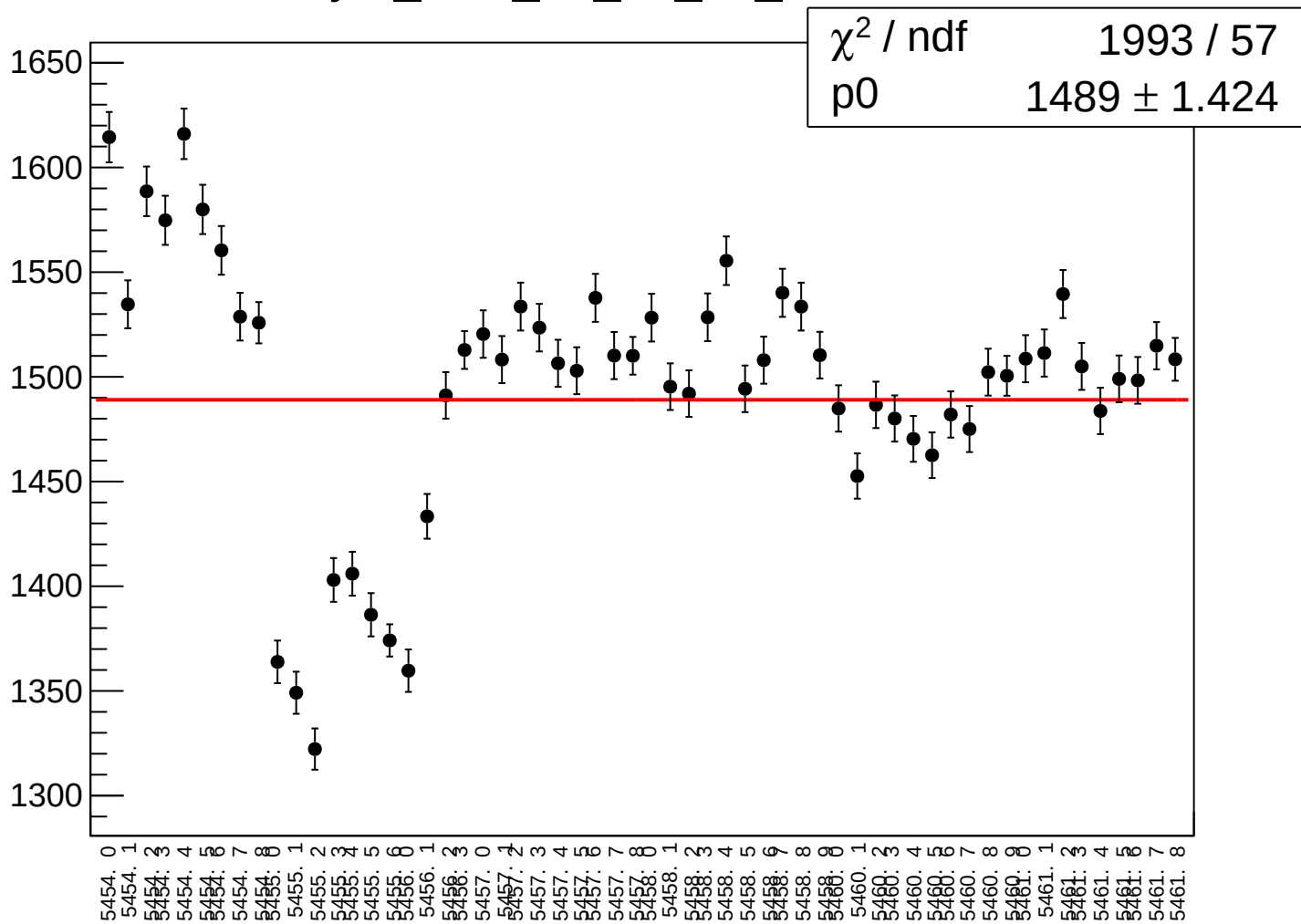
asym\_sam\_24\_68\_dd\_correction\_rms vs run



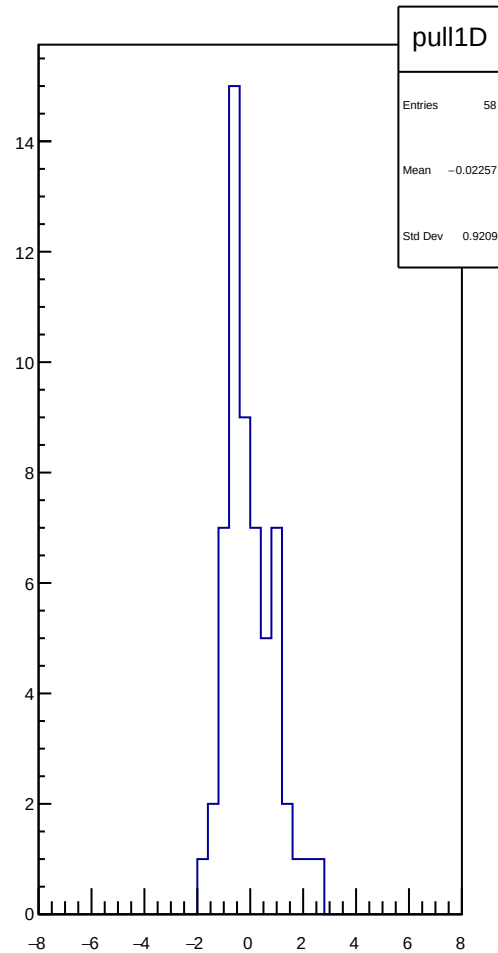
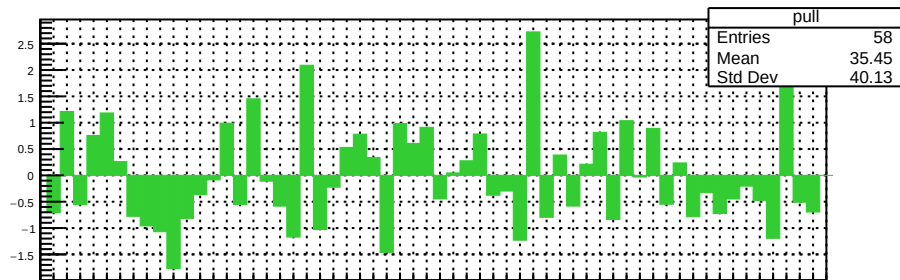
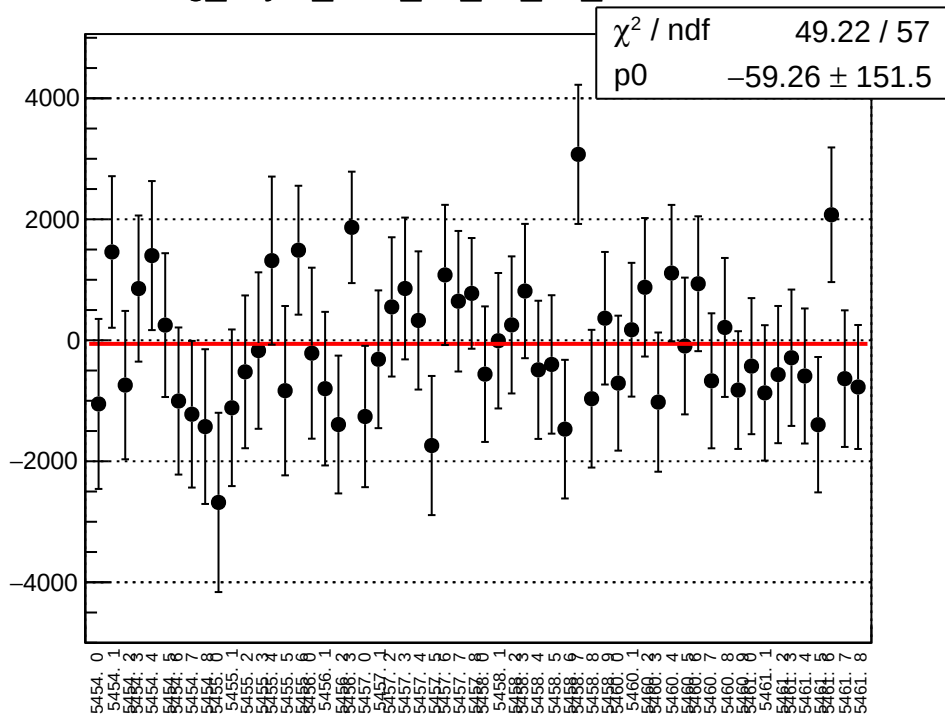
asym\_sam\_24\_68\_dd\_mean vs run



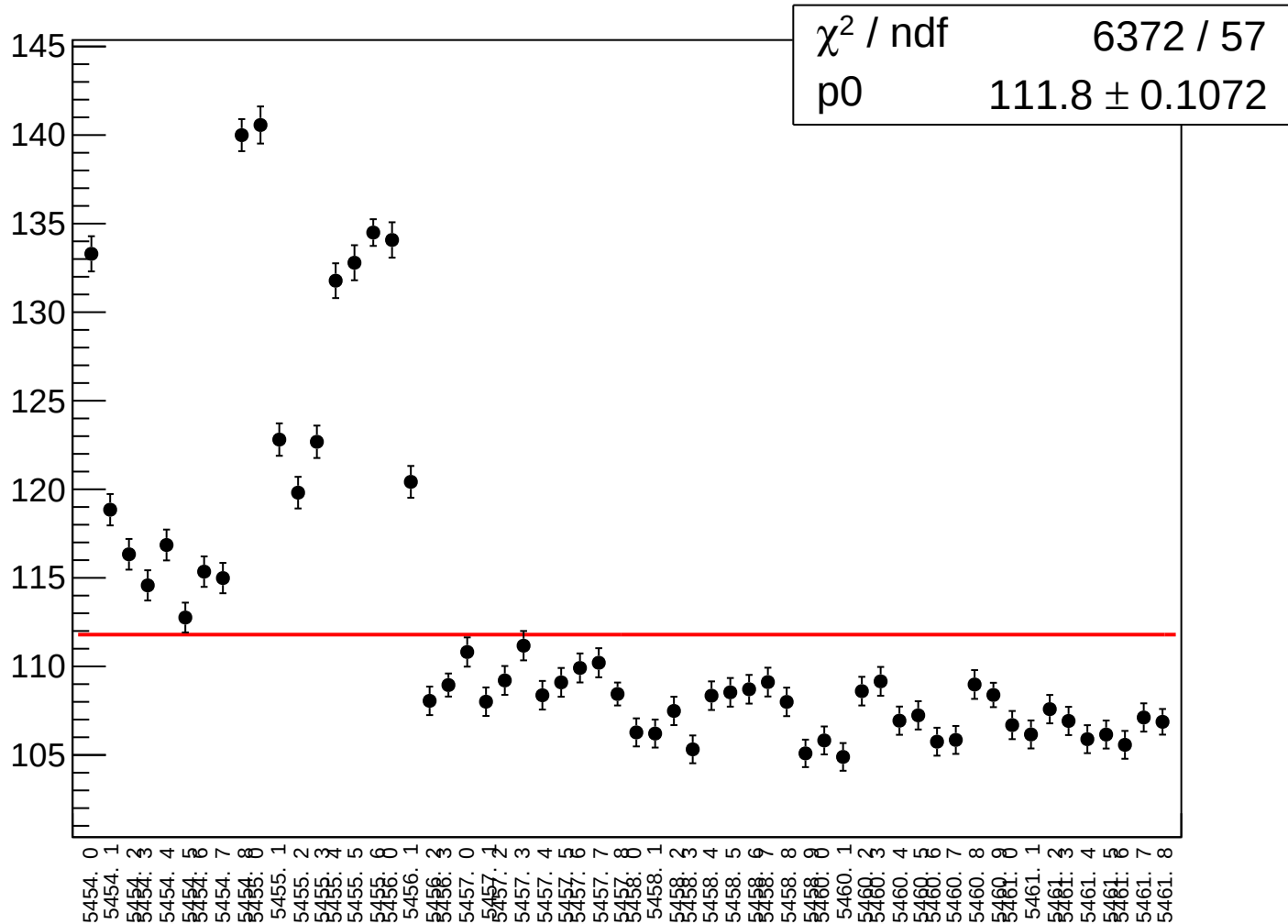
# asym\_sam\_24\_68\_dd\_rms vs run



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

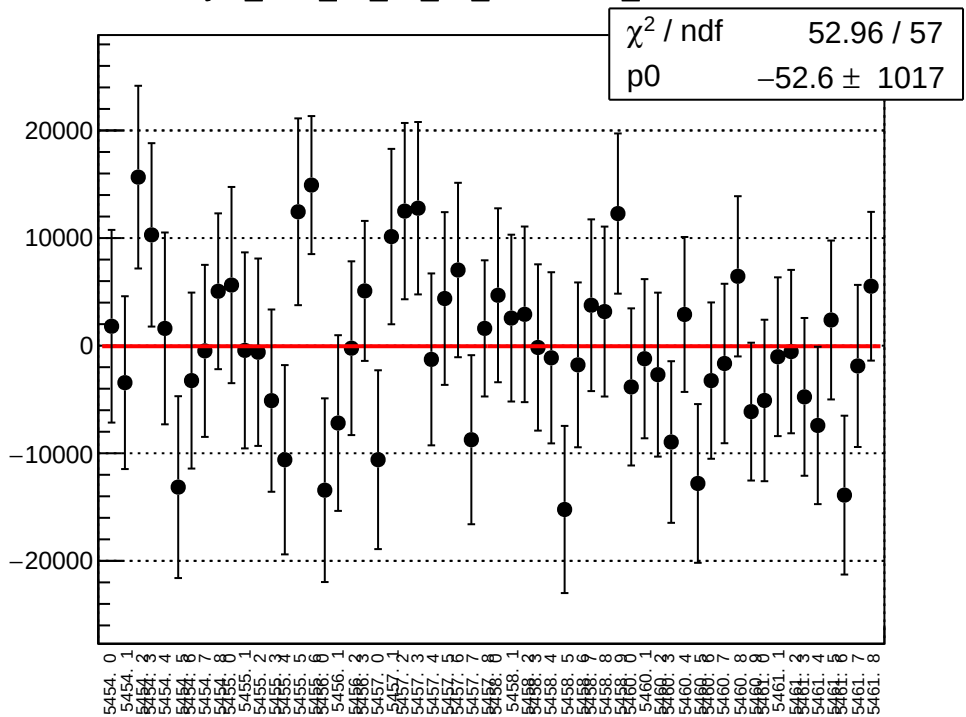


reg\_asym\_sam\_26\_48\_dd\_rms vs run

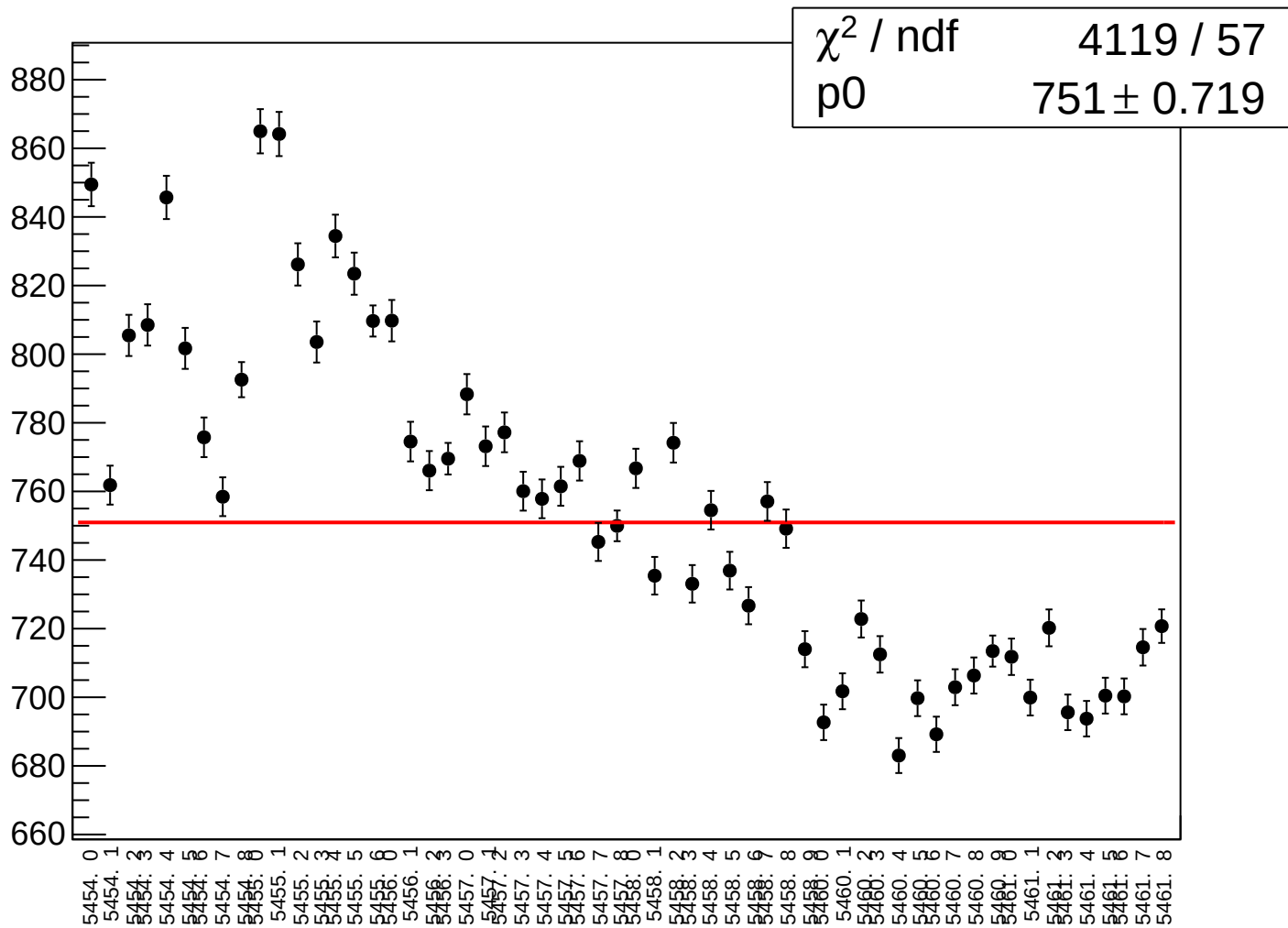




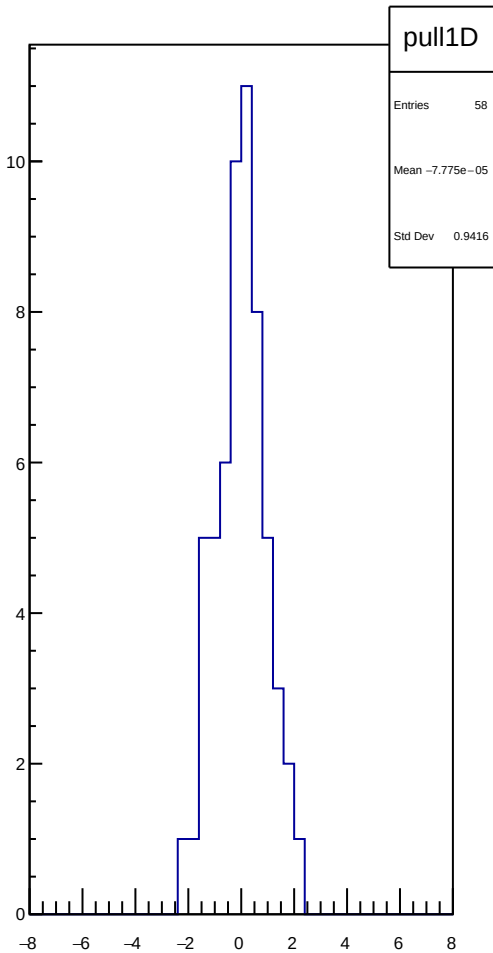
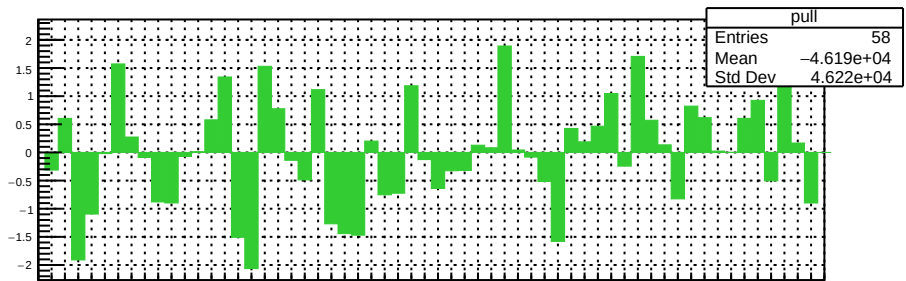
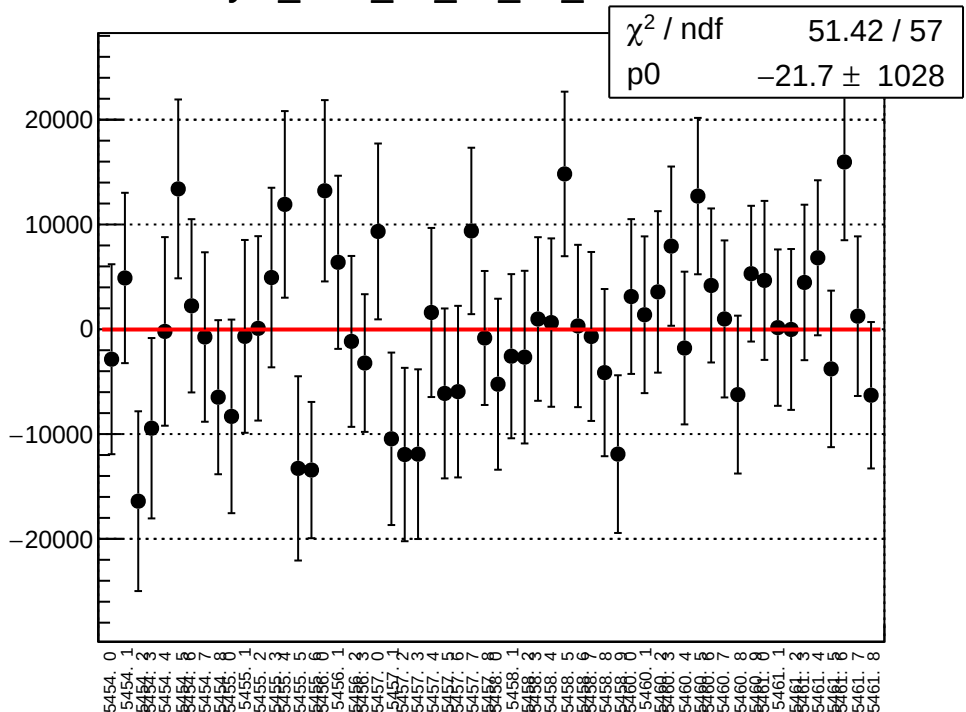
asym\_sam\_26\_48\_dd\_correction\_mean vs run



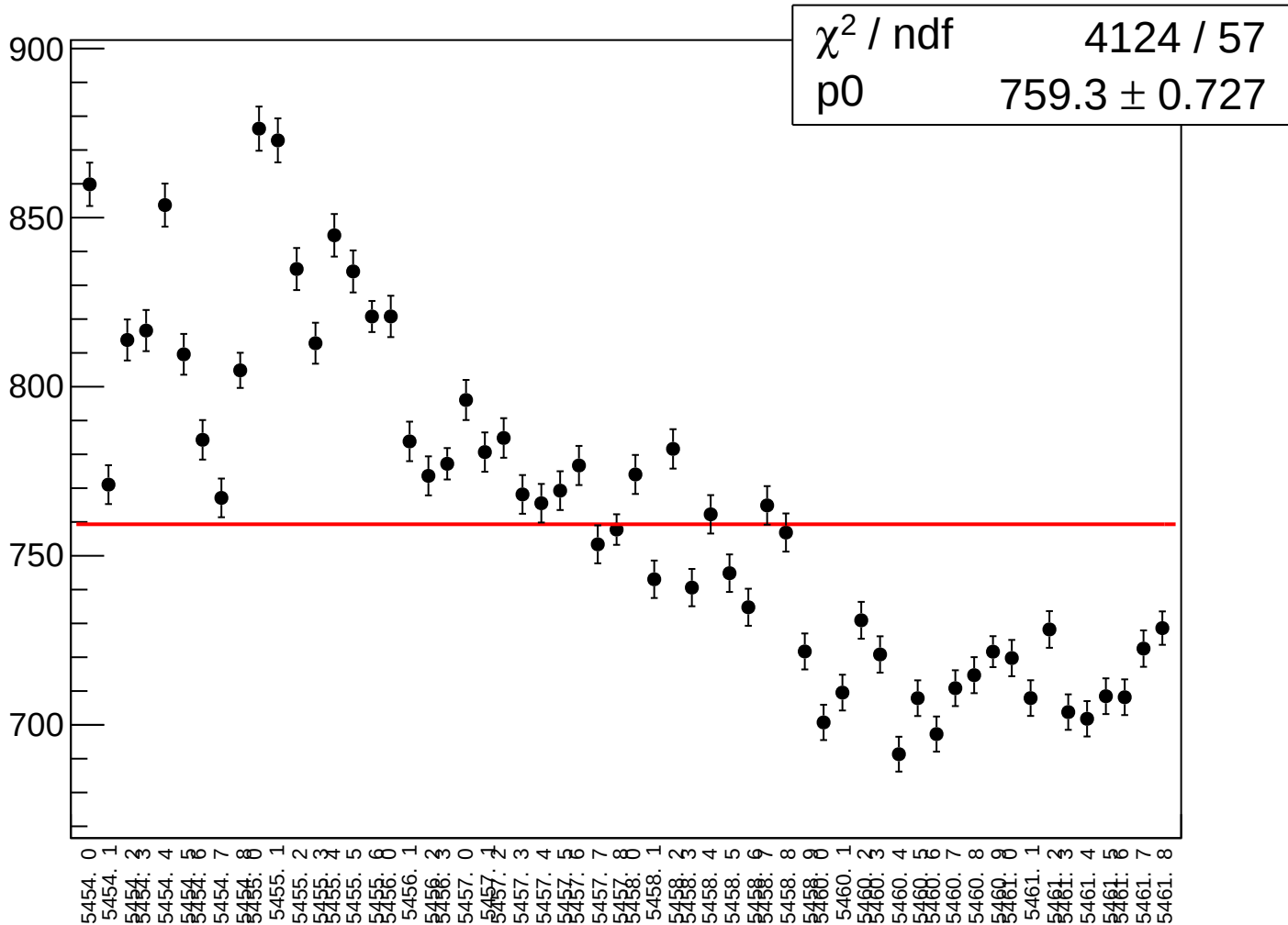
asym\_sam\_26\_48\_dd\_correction\_rms vs run



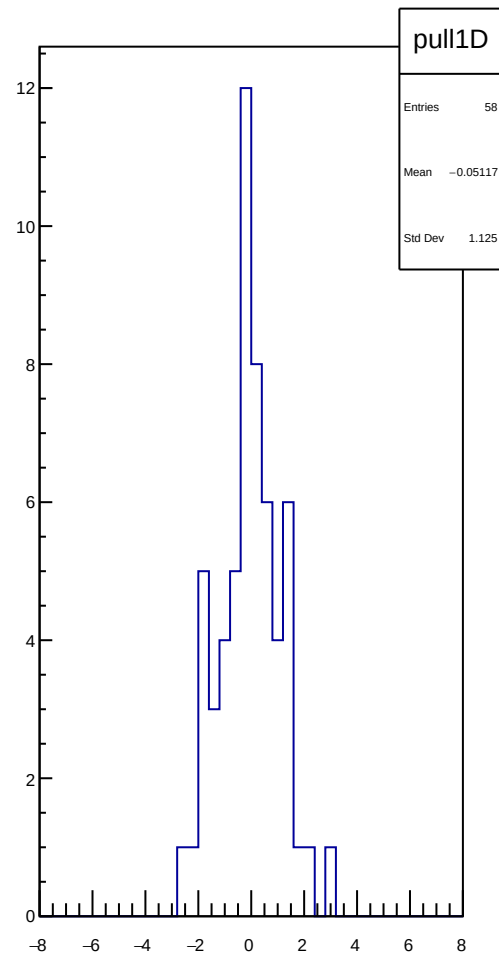
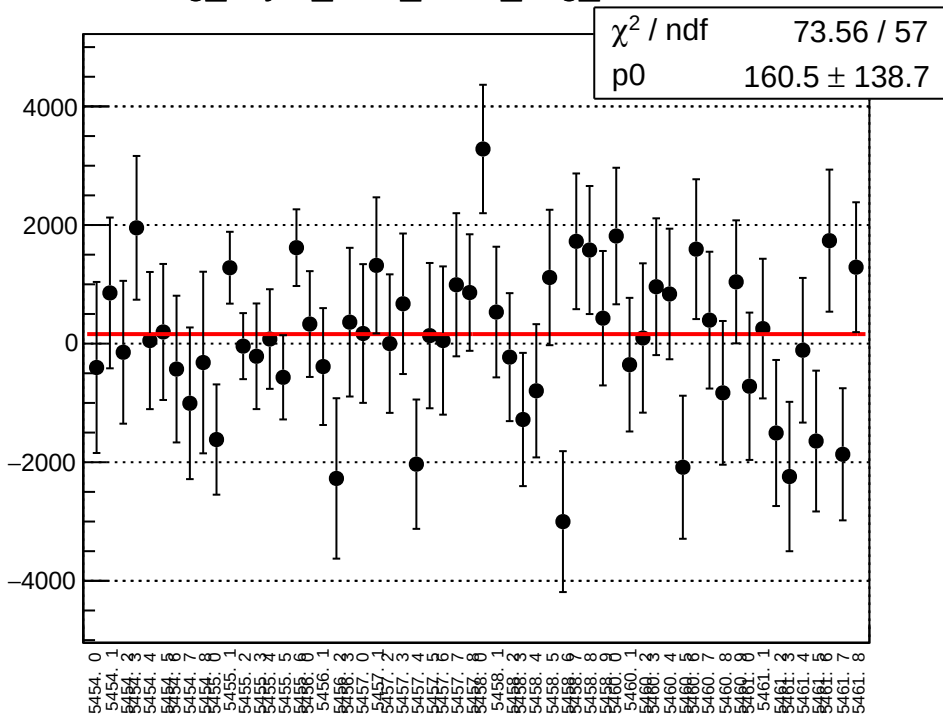
asym\_sam\_26\_48\_dd\_mean vs run



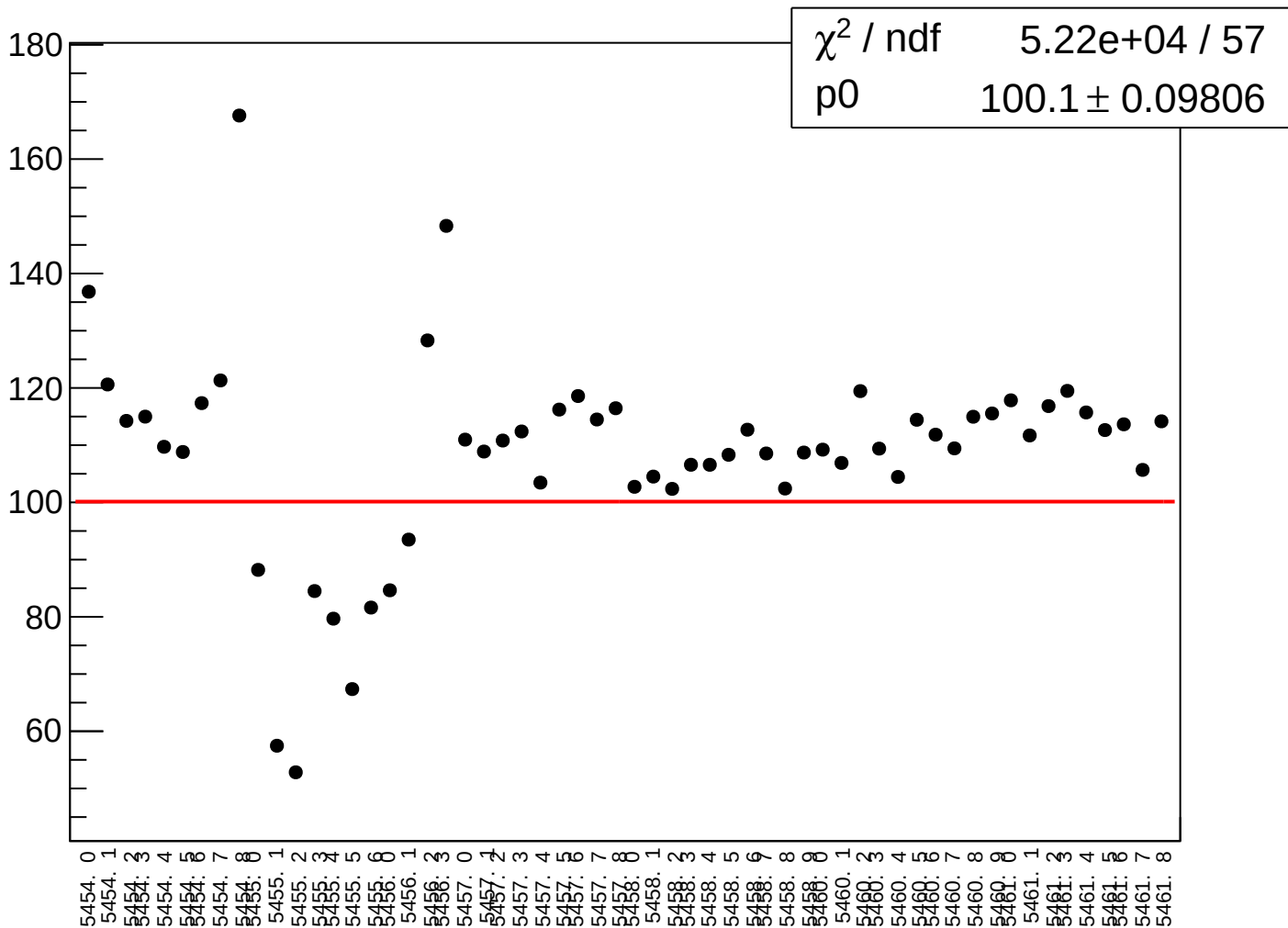
# asym\_sam\_26\_48\_dd\_rms vs run



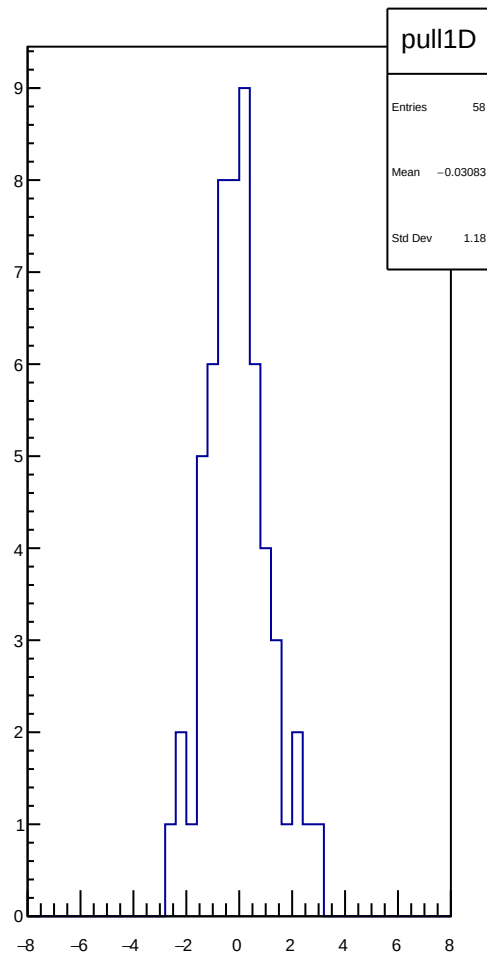
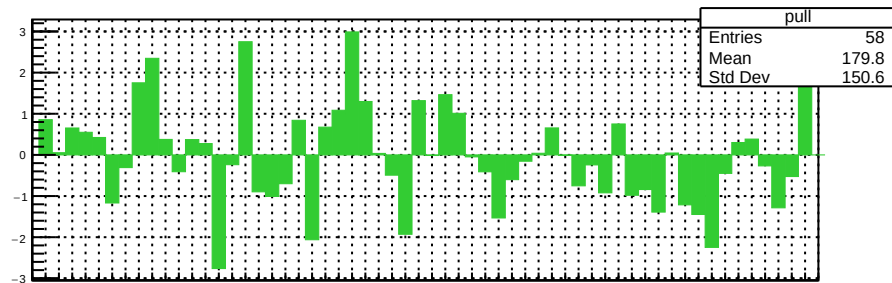
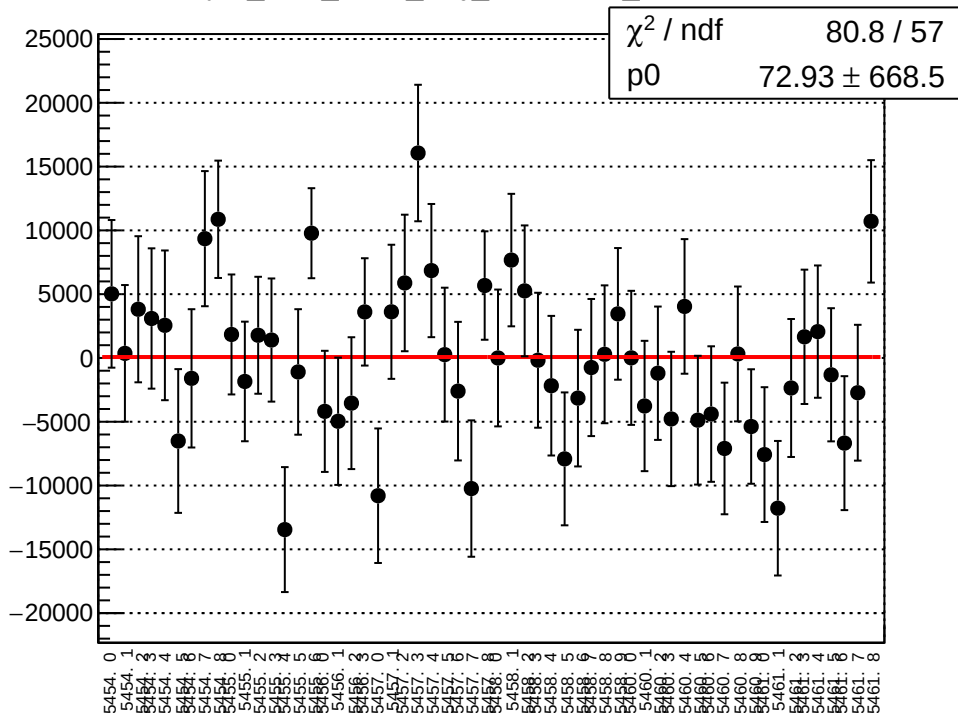
reg\_asym\_sam\_1357\_avg\_mean vs run



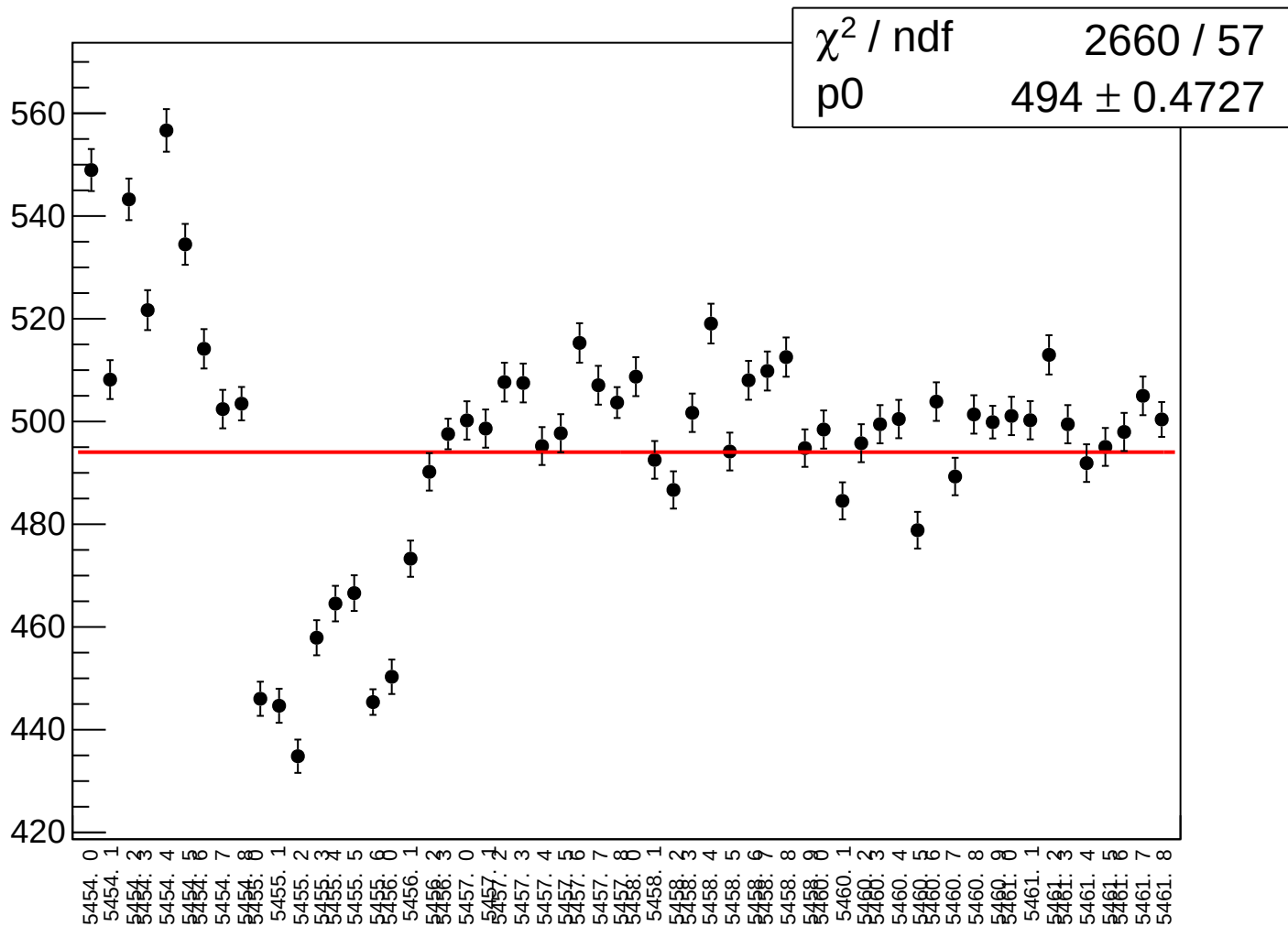
reg\_asym\_sam\_1357\_avg\_rms vs run



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

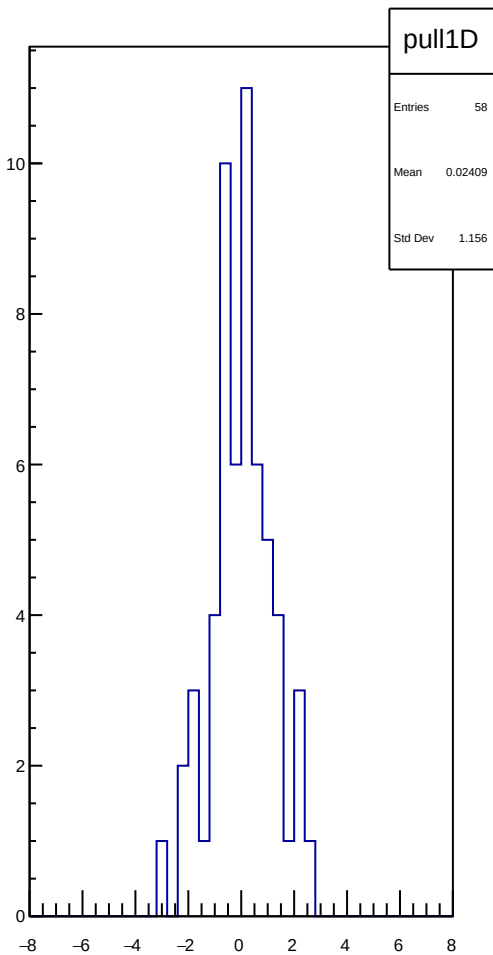
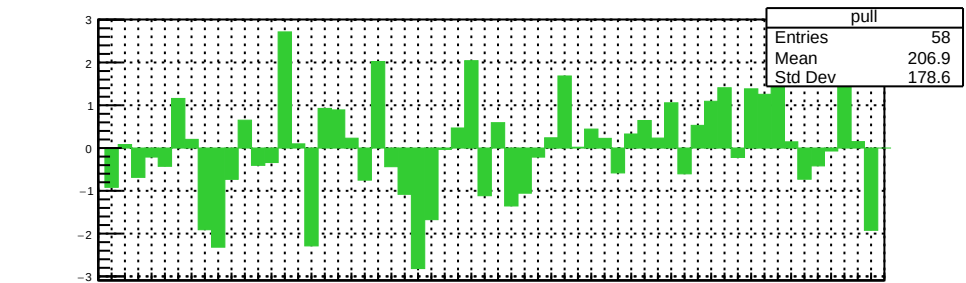
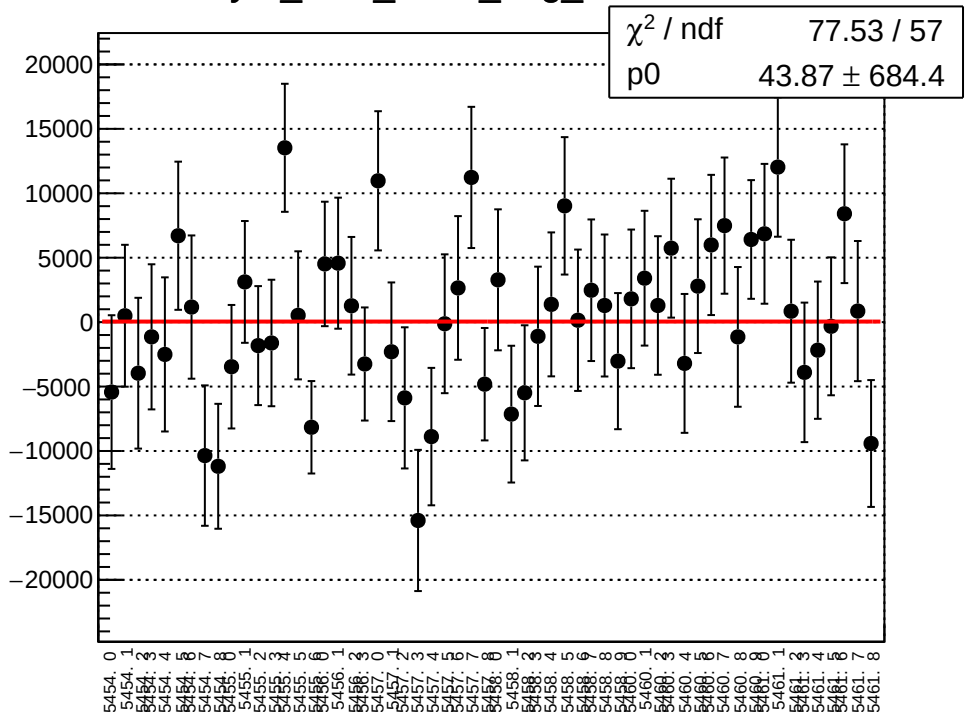


asym\_sam\_1357\_avg\_correction\_rms vs run

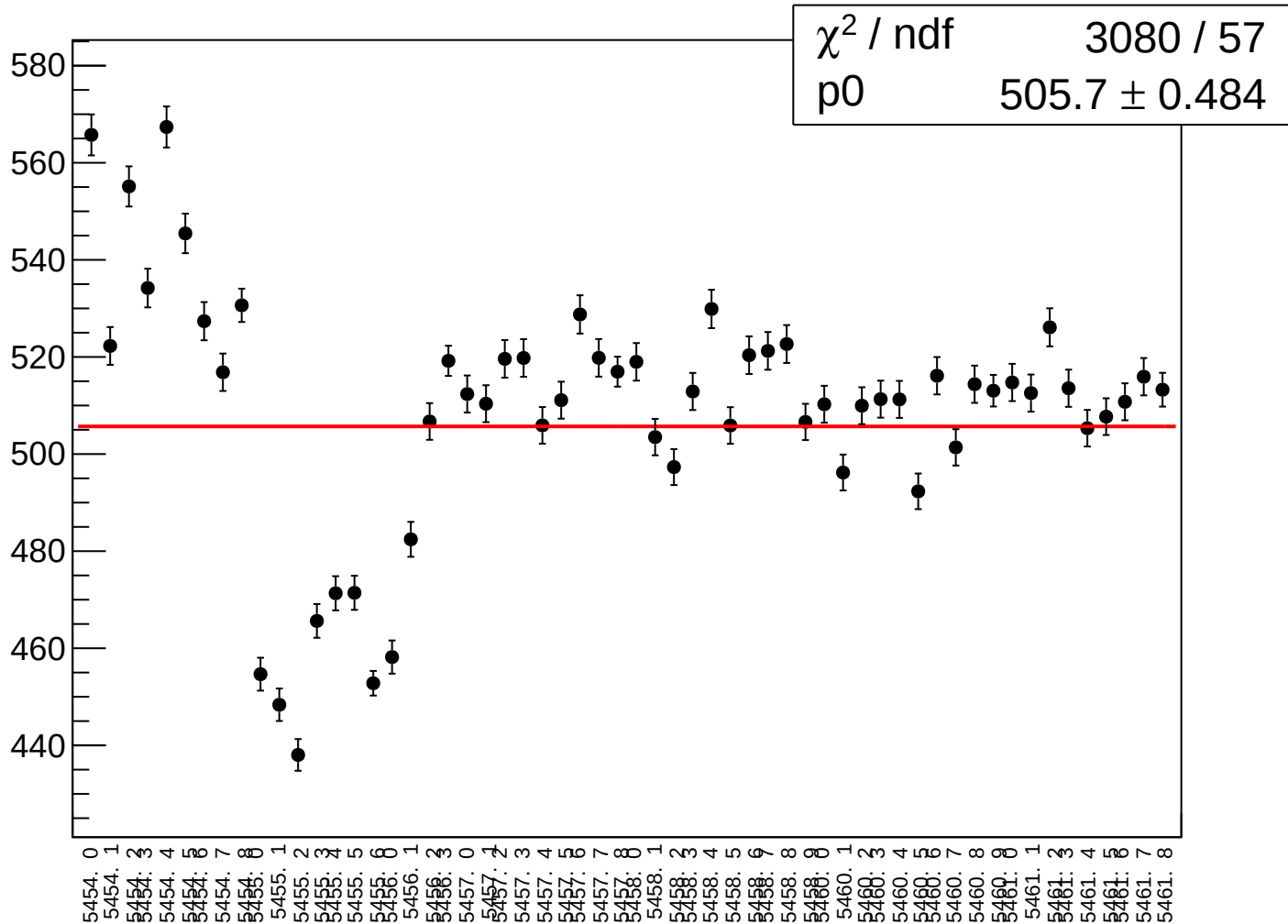




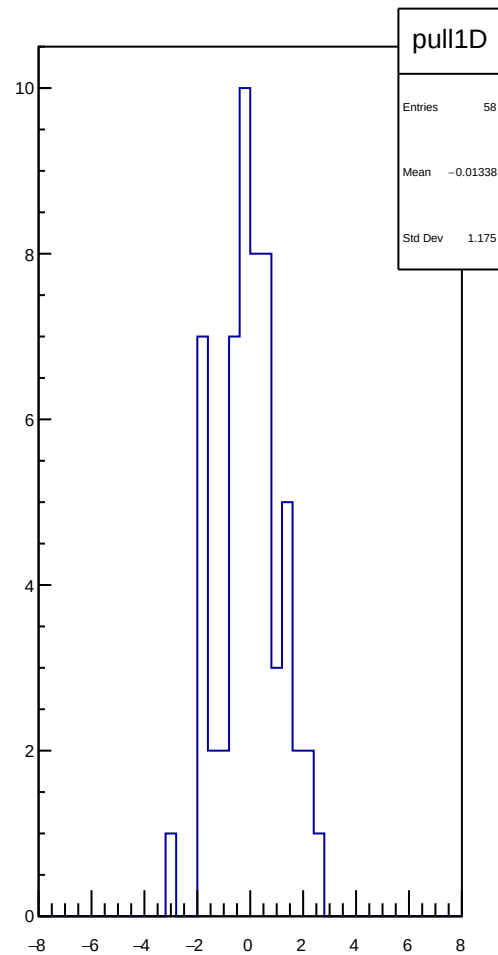
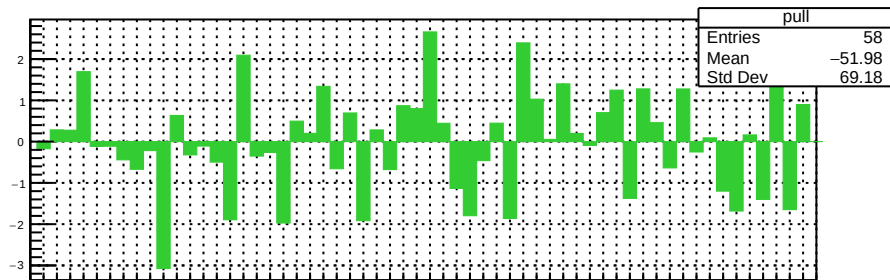
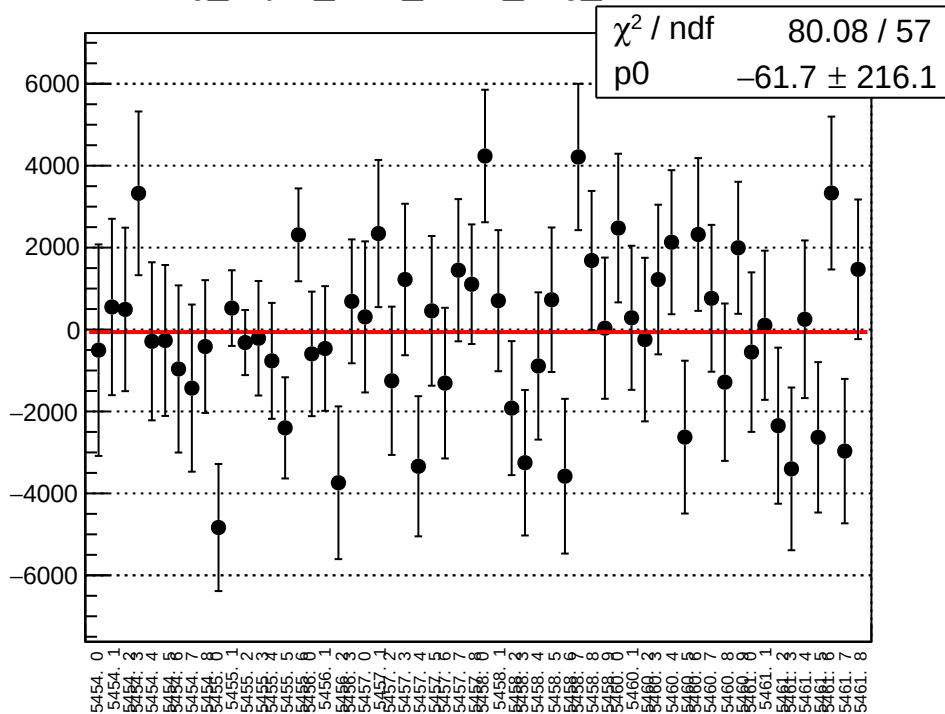
asym\_sam\_1357\_avg\_mean vs run



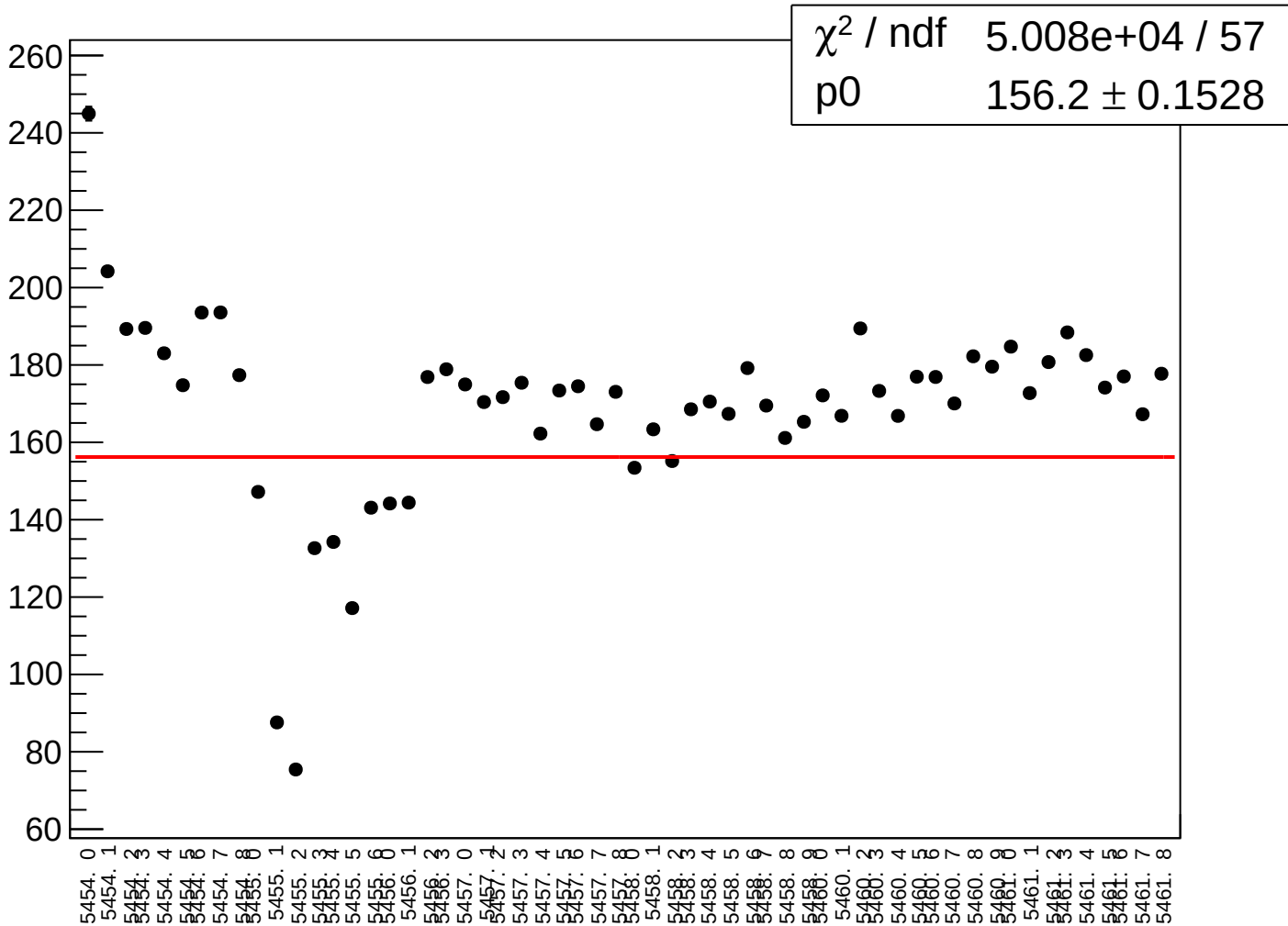
asym\_sam\_1357\_avg\_rms vs run



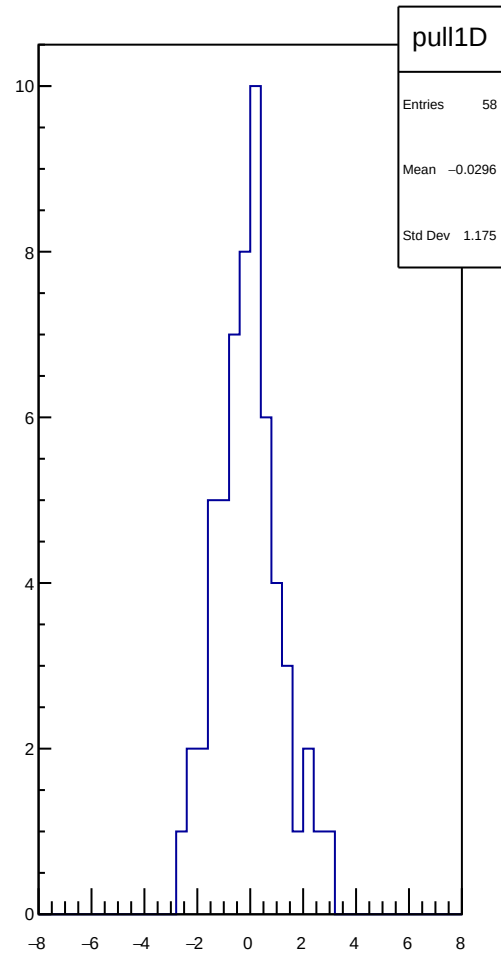
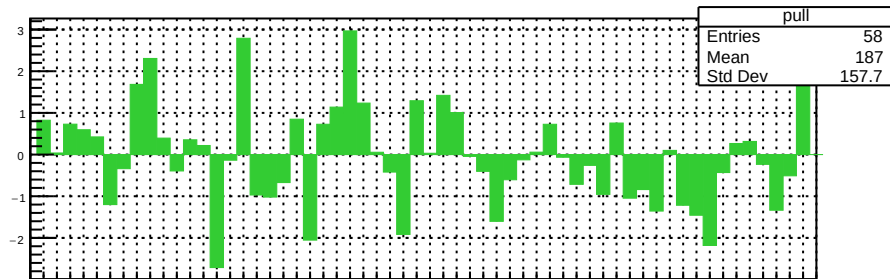
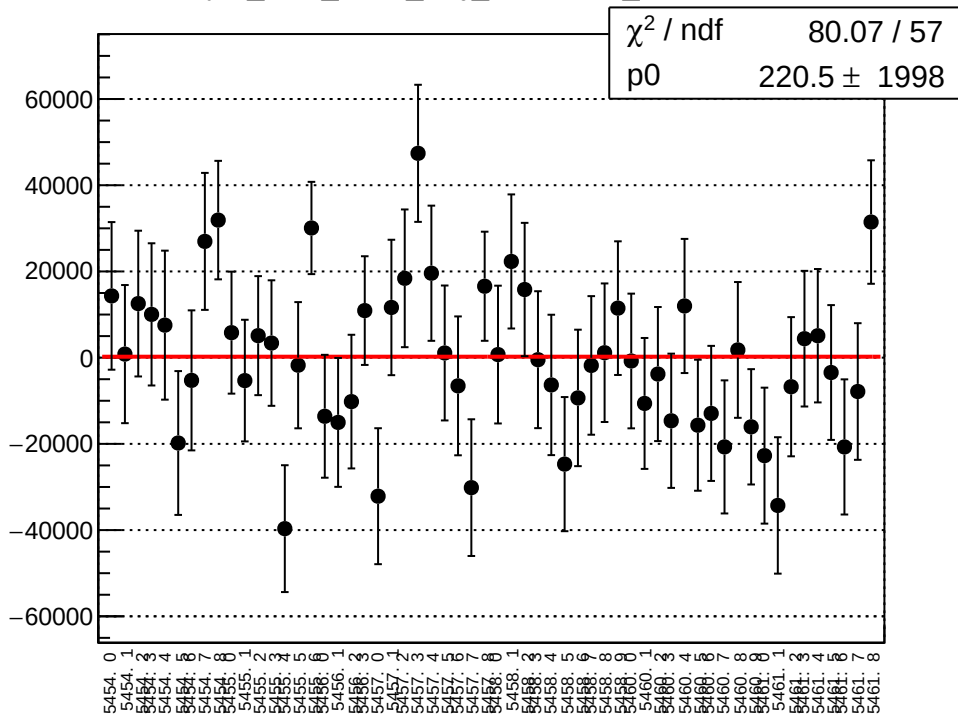
reg\_asym\_sam\_2468\_avg\_mean vs run



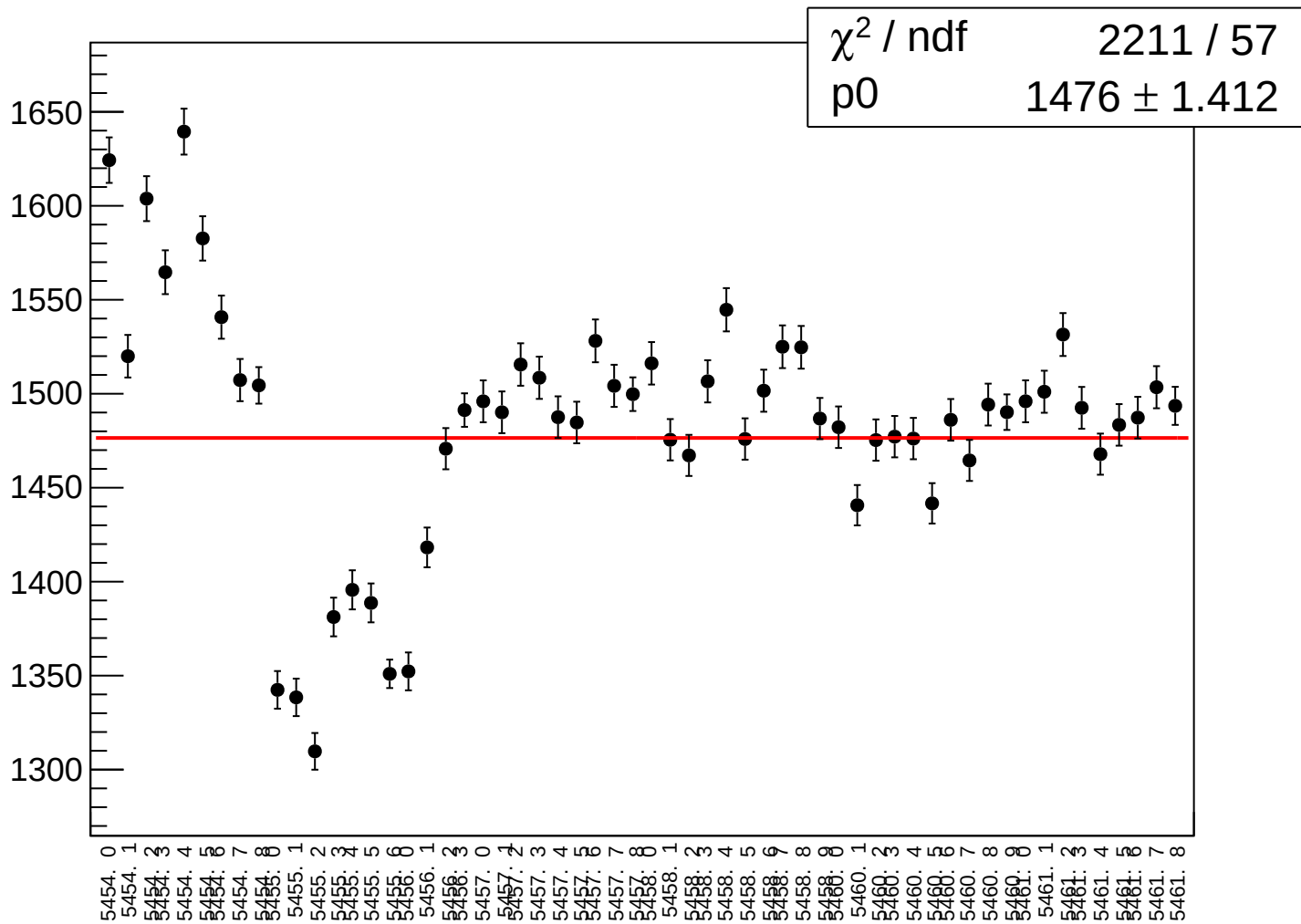
reg\_asym\_sam\_2468\_avg\_rms vs run



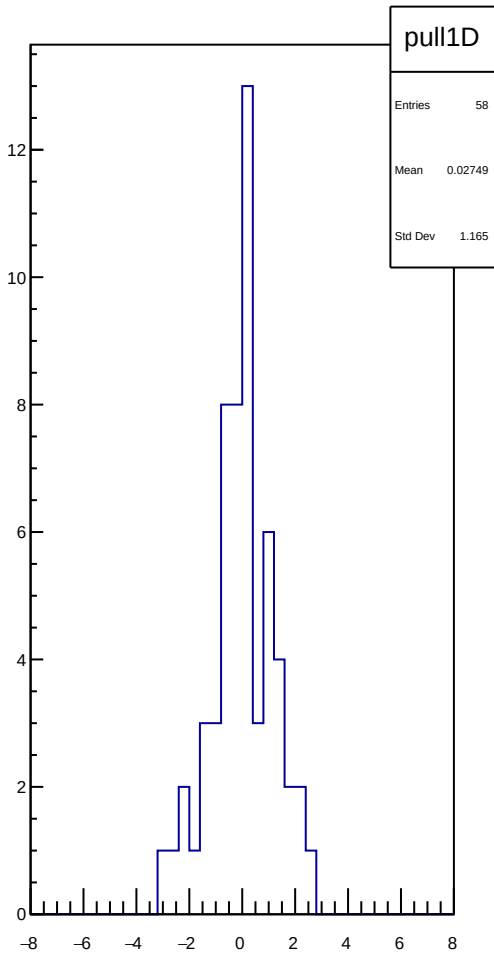
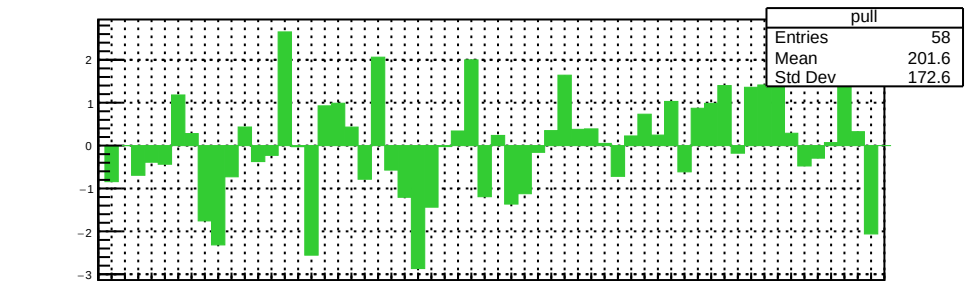
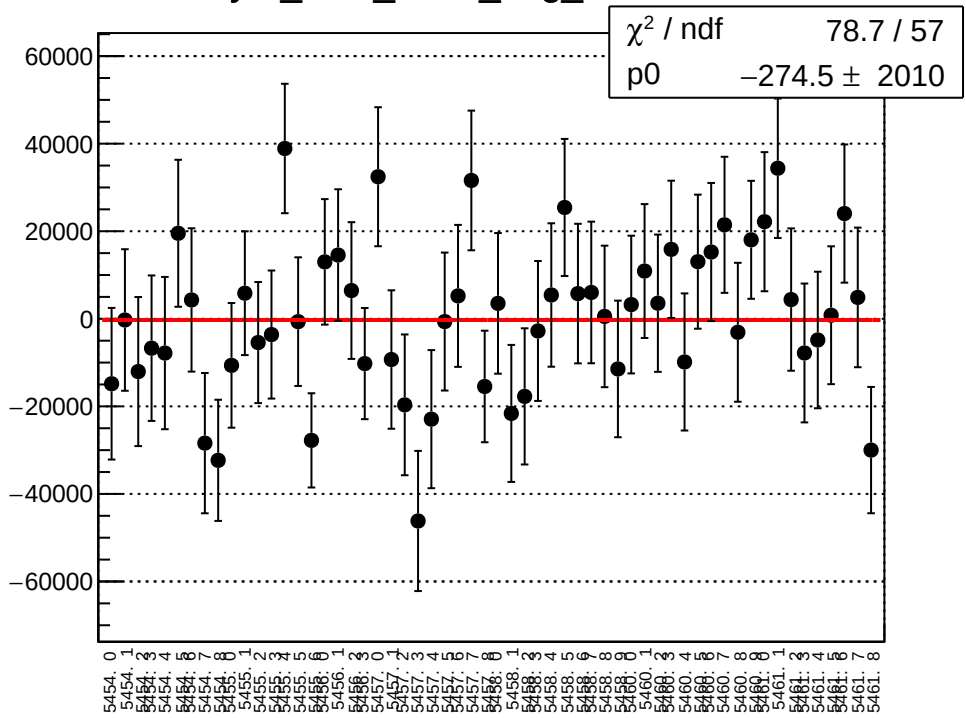
asym\_sam\_2468\_avg\_correction\_mean vs run



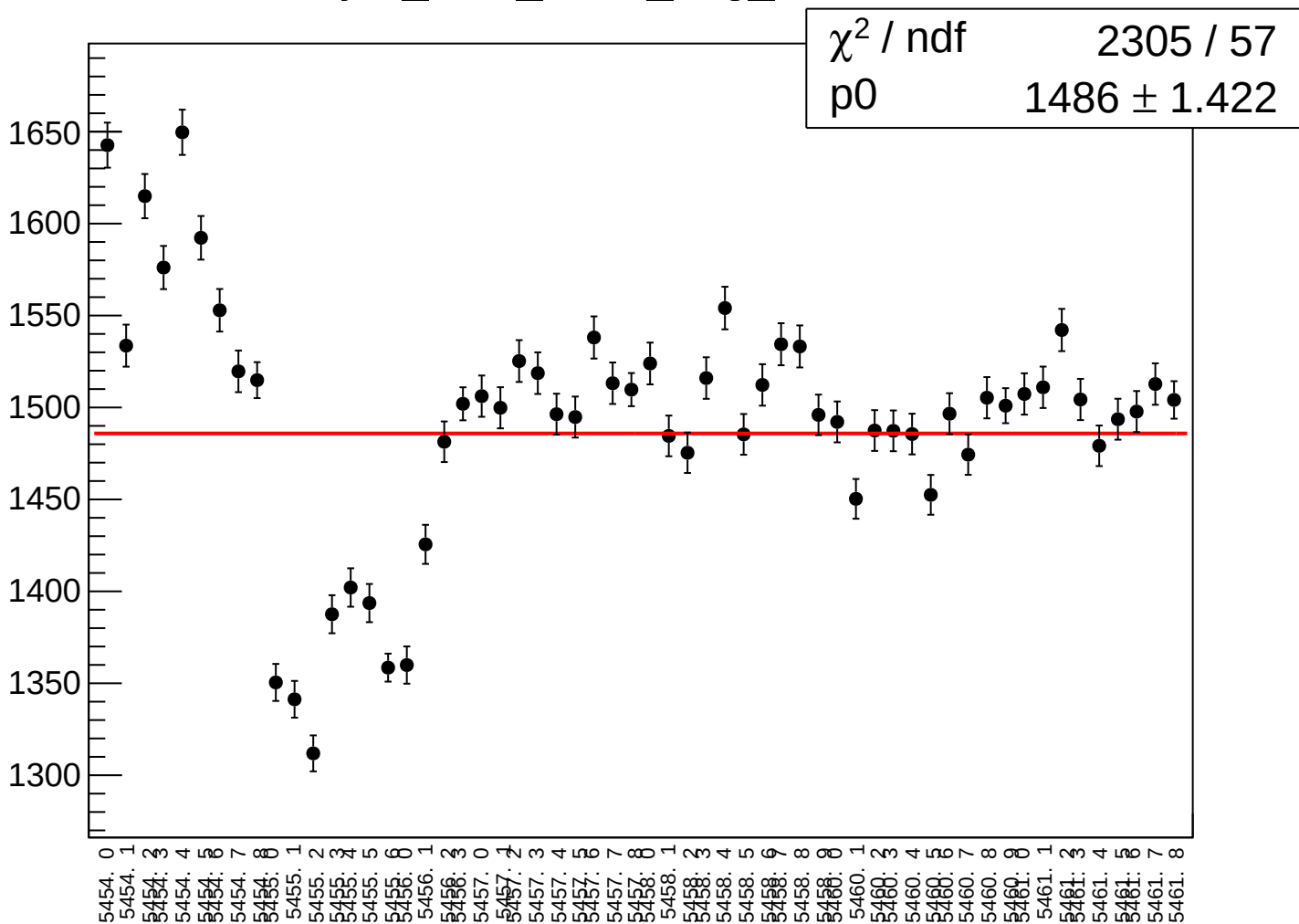
asym\_sam\_2468\_avg\_correction\_rms vs run



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

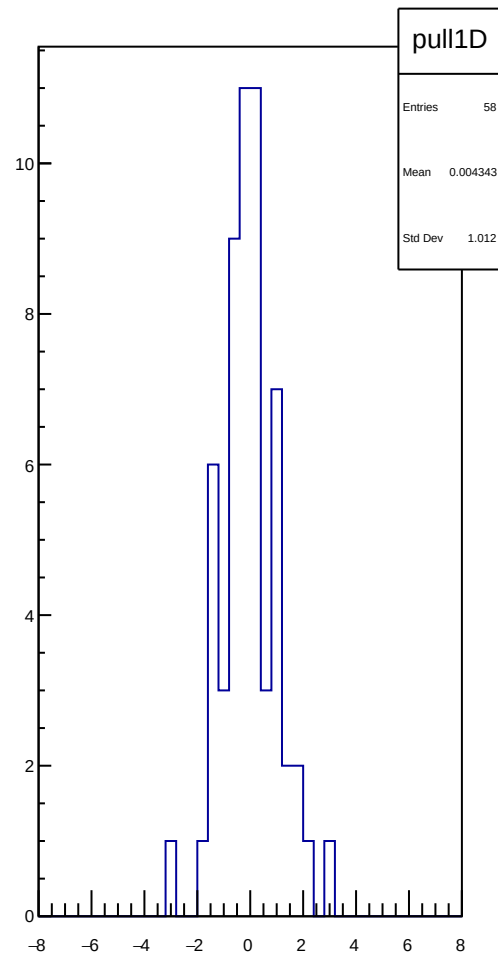
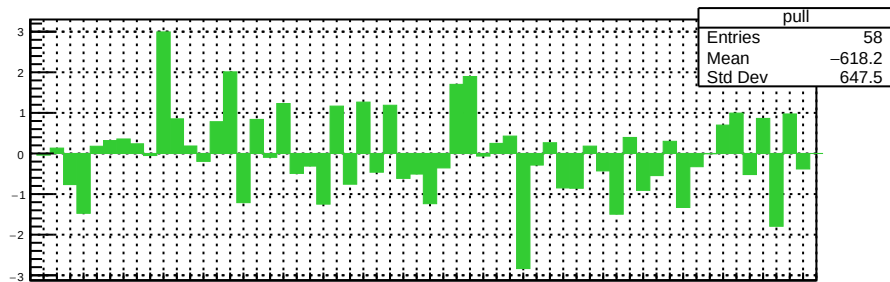
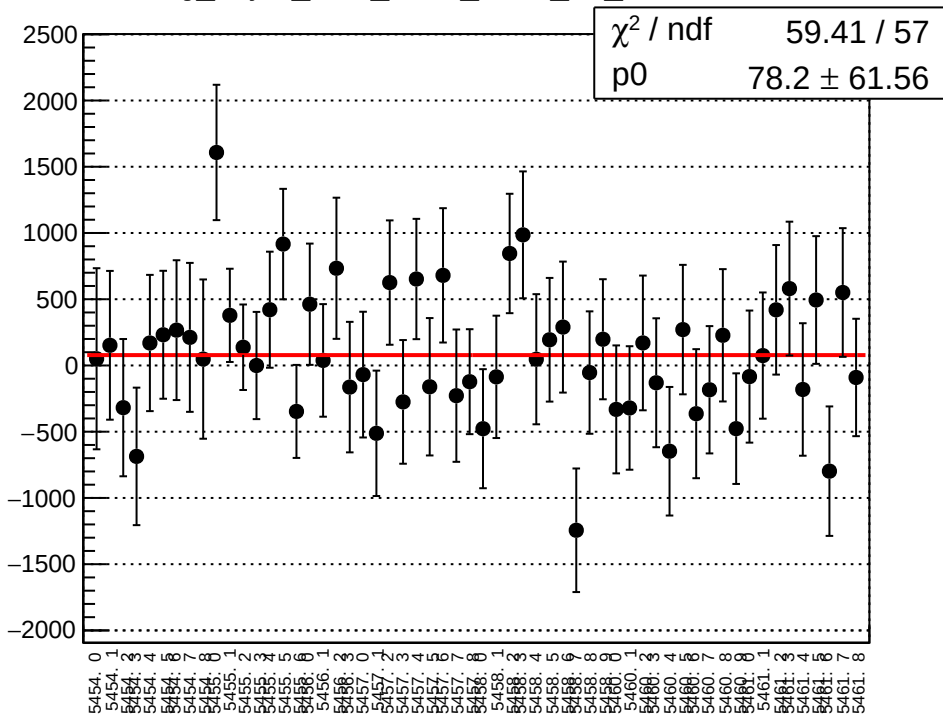


asym\_sam\_2468\_avg\_rms vs run



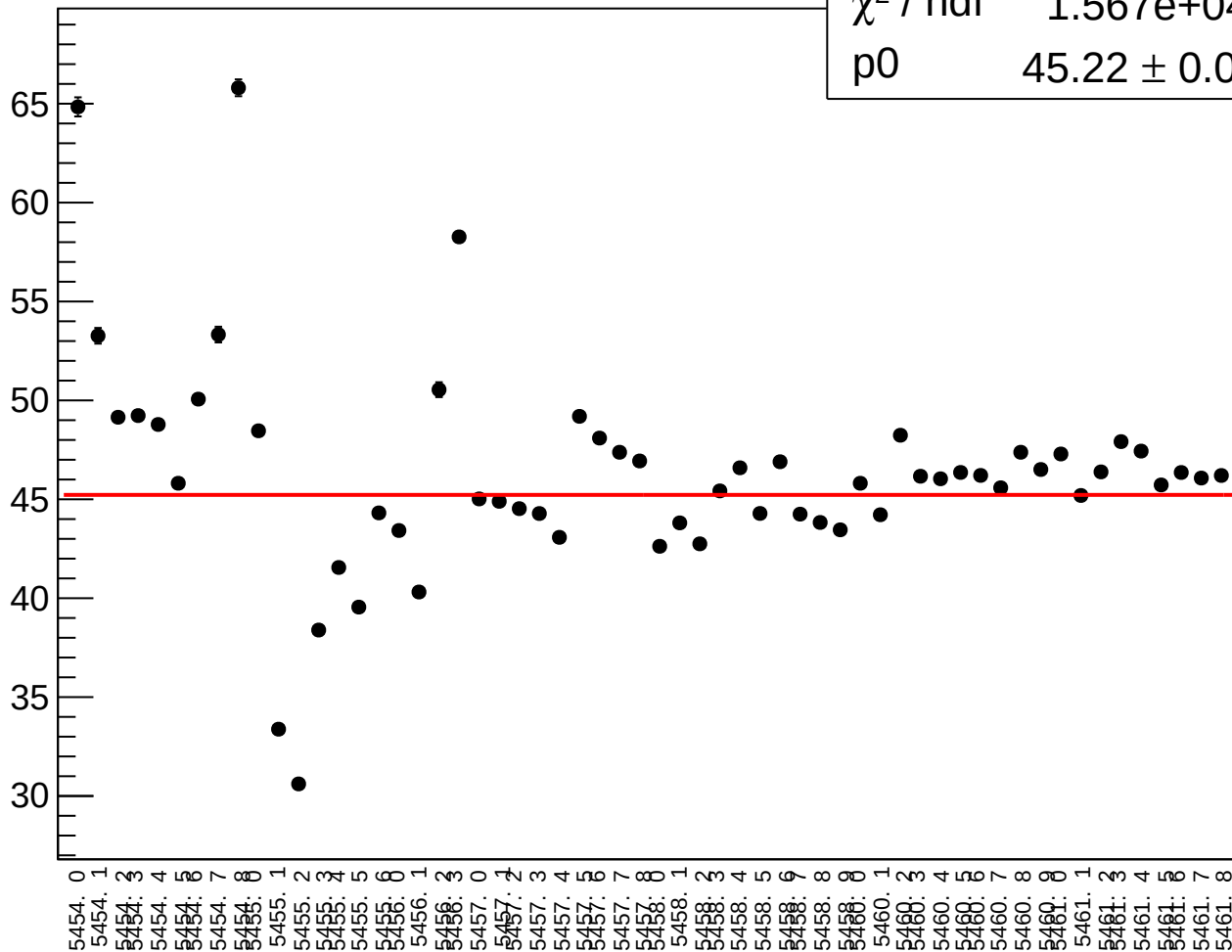


reg\_asym\_sam\_1357\_2468\_dd\_mean vs run

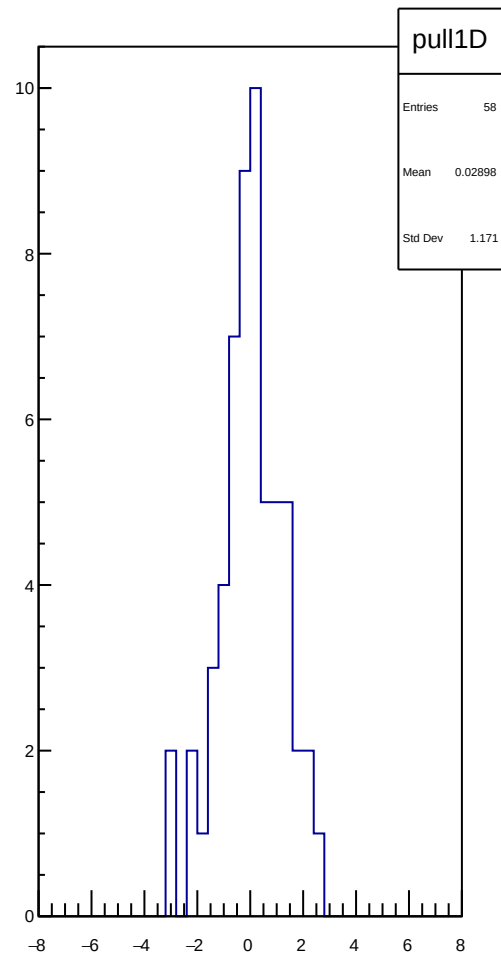
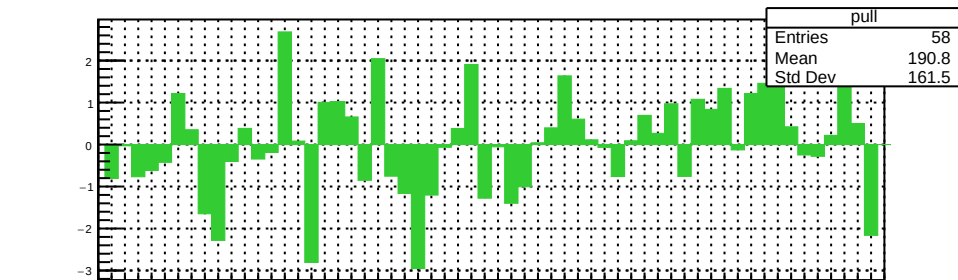
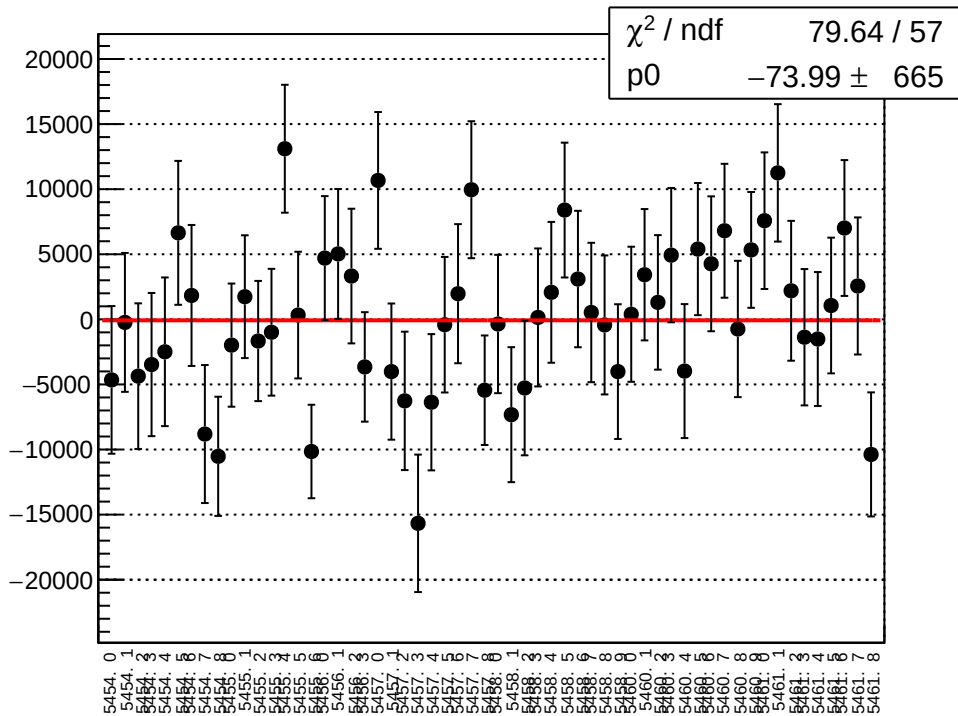


reg\_asym\_sam\_1357\_2468\_dd\_rms vs run

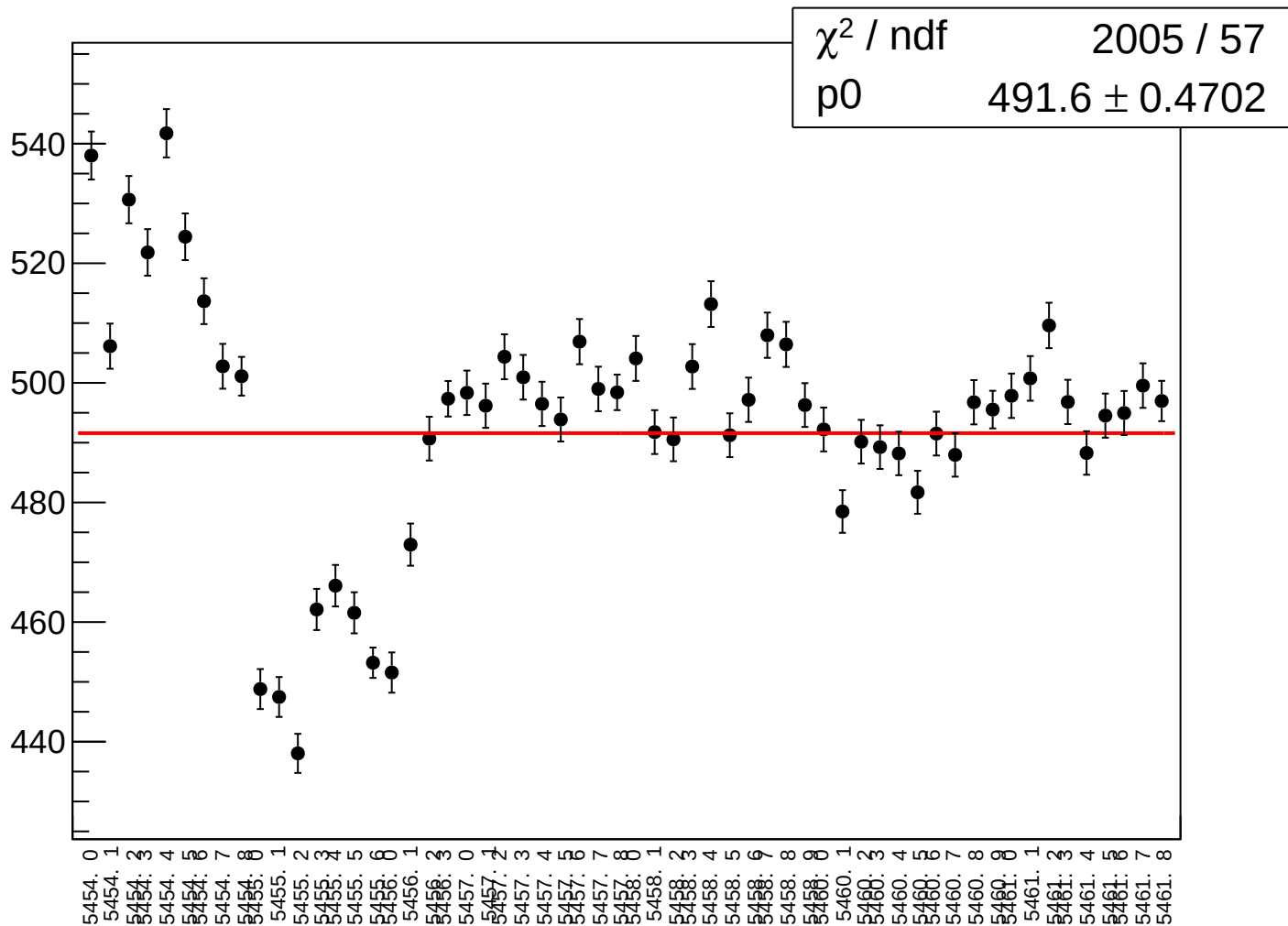
$\chi^2 / \text{ndf}$  1.567e+04 / 57  
p0 45.22  $\pm$  0.04353



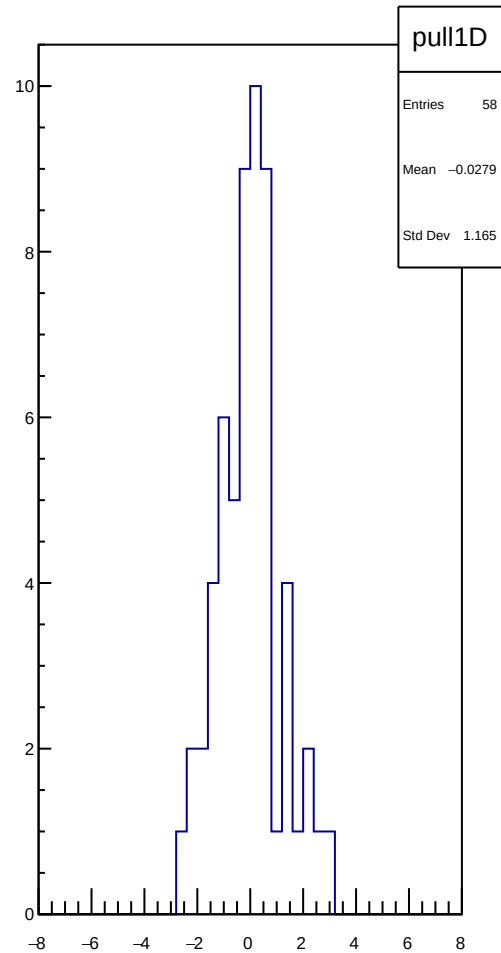
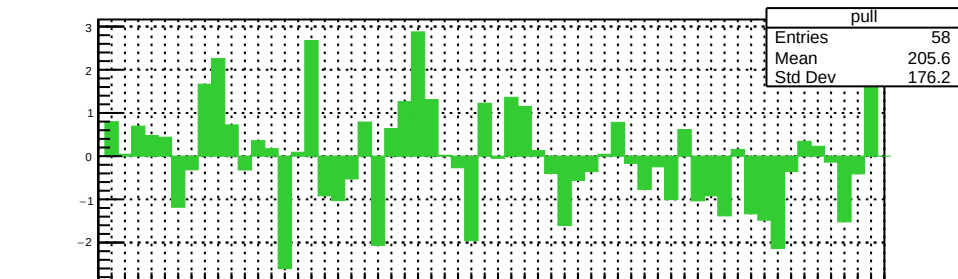
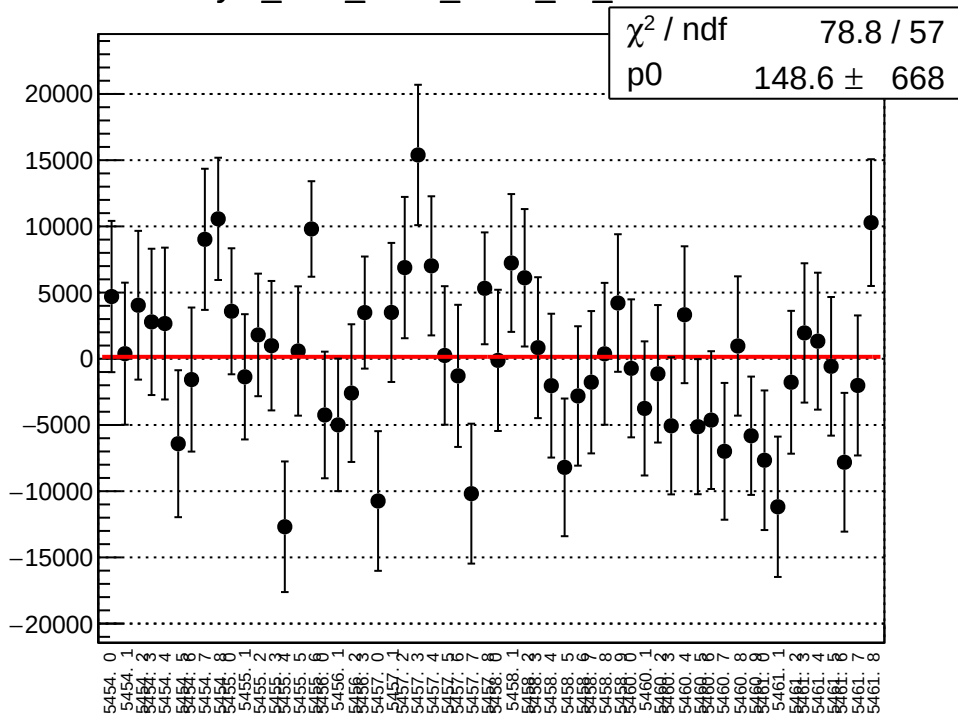
asym\_sam\_1357\_2468\_dd\_correction\_mean vs run



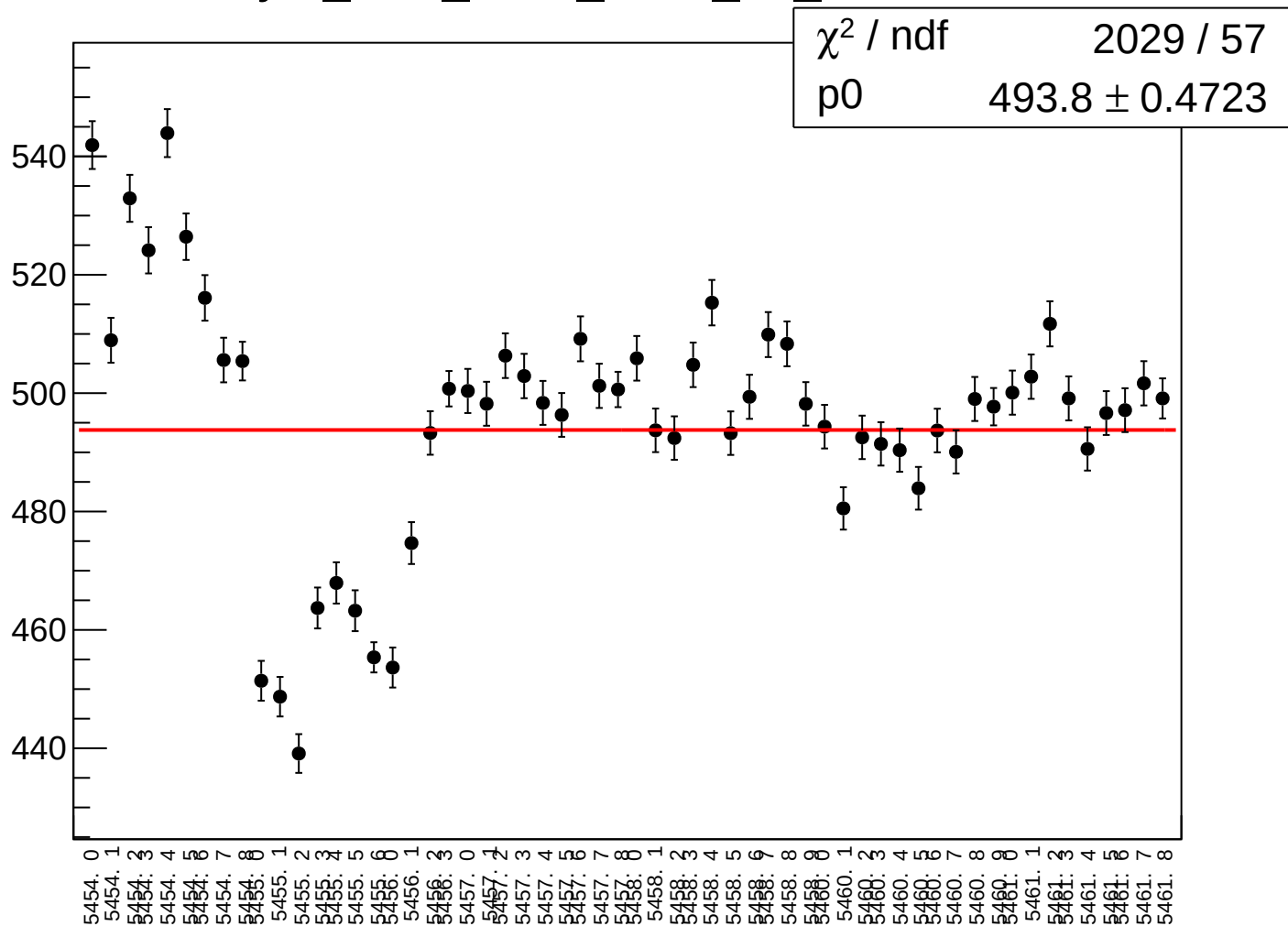
asym\_sam\_1357\_2468\_dd\_correction\_rms vs run



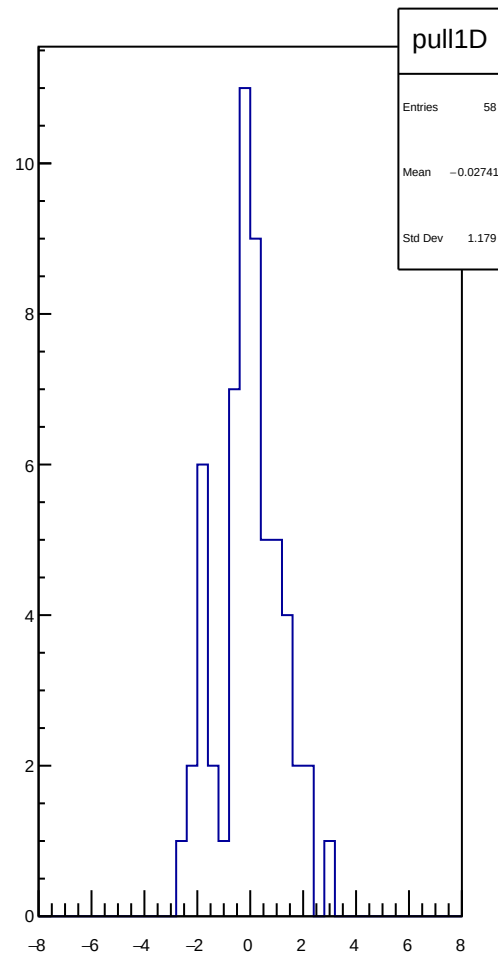
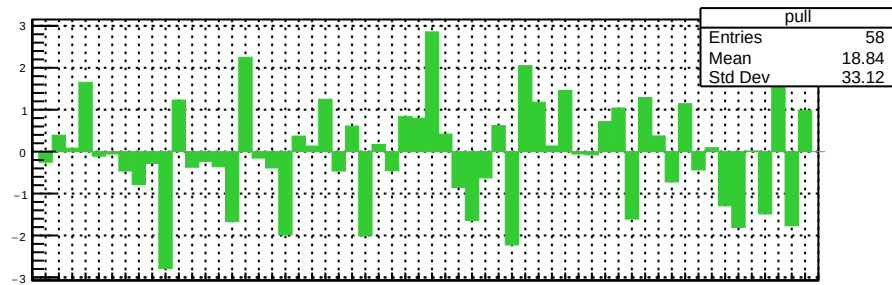
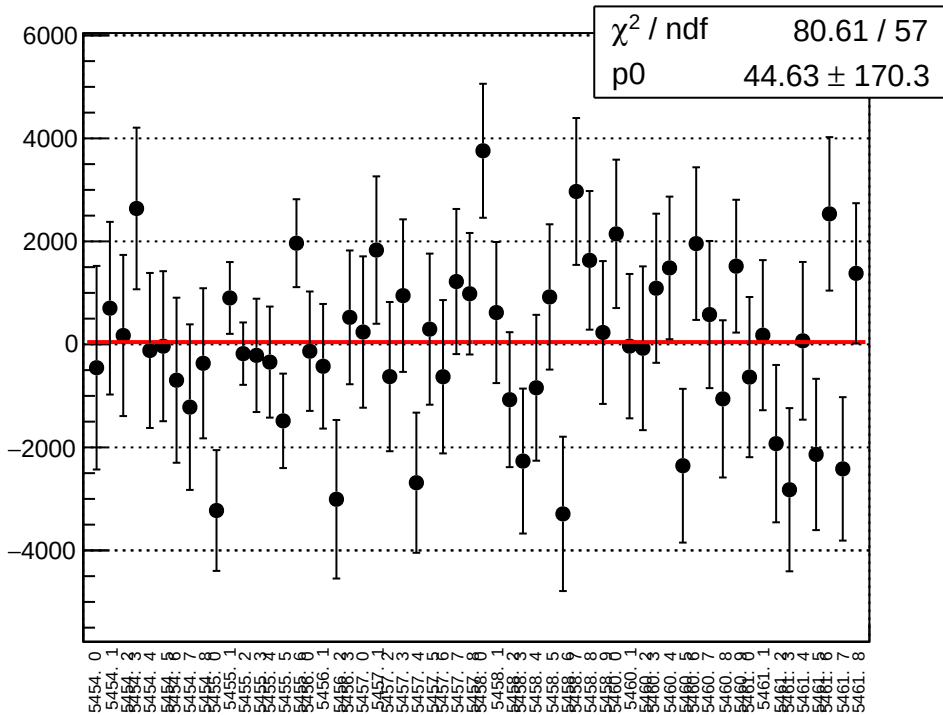
asym\_sam\_1357\_2468\_dd\_mean vs run



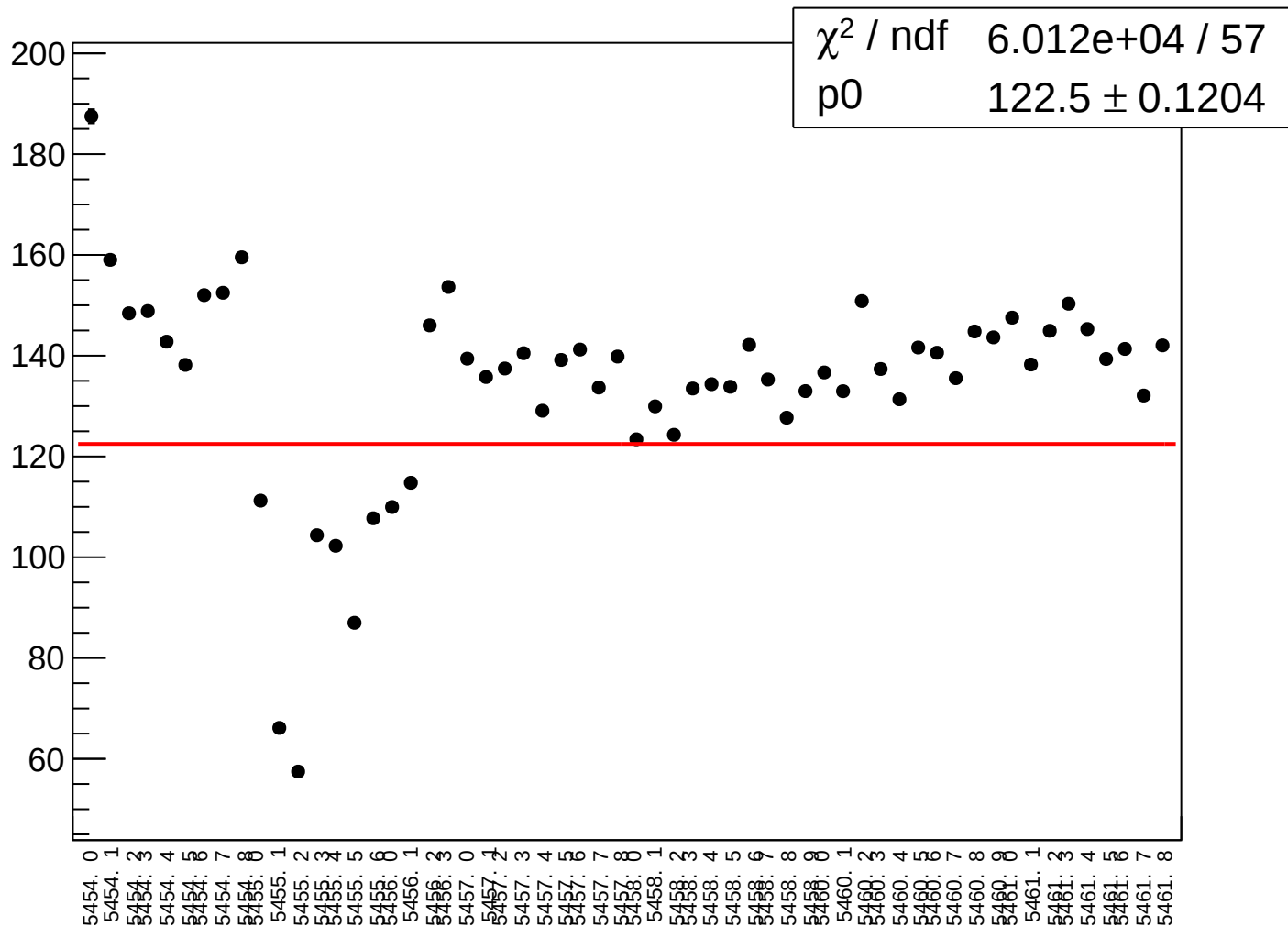
# asym\_sam\_1357\_2468\_dd\_rms vs run



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

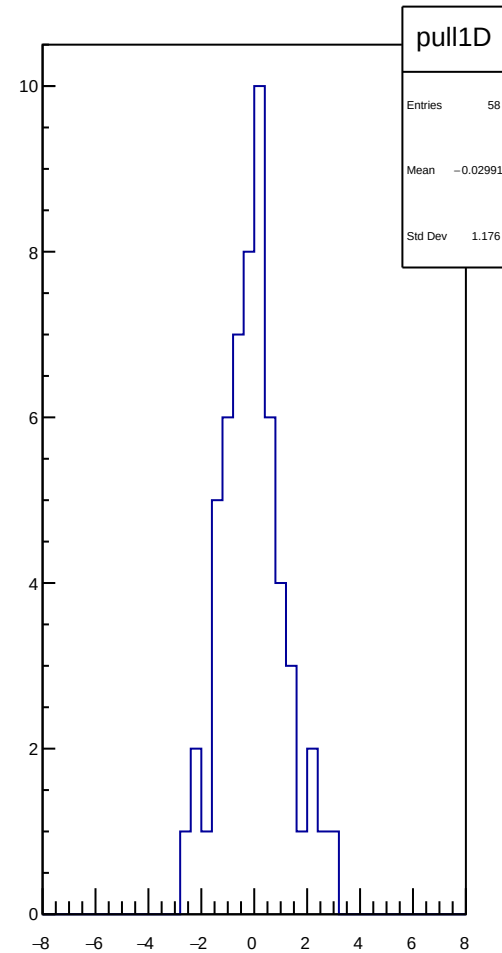
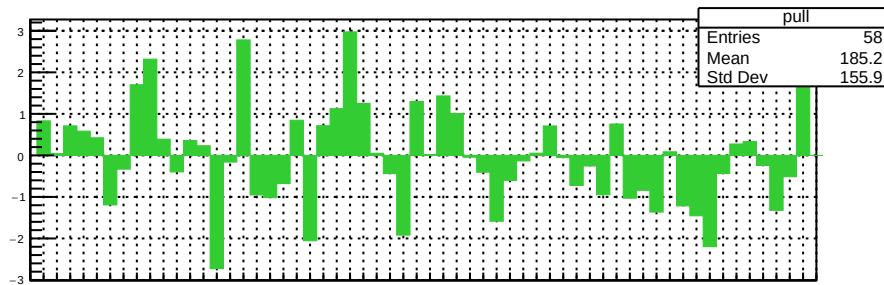
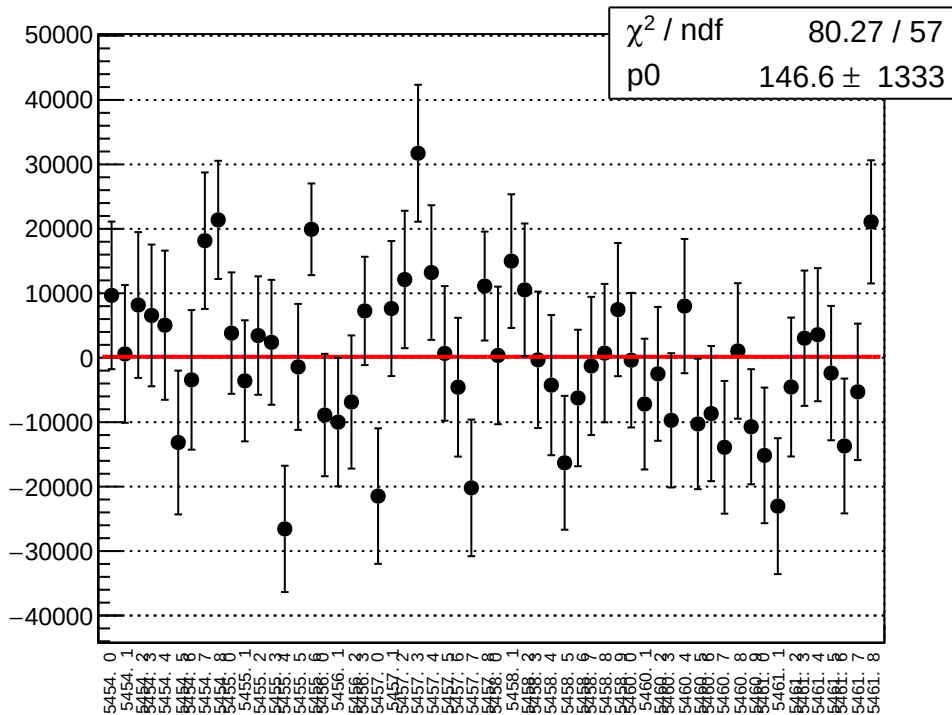


reg\_asym\_sam\_12345678\_avg\_rms vs run

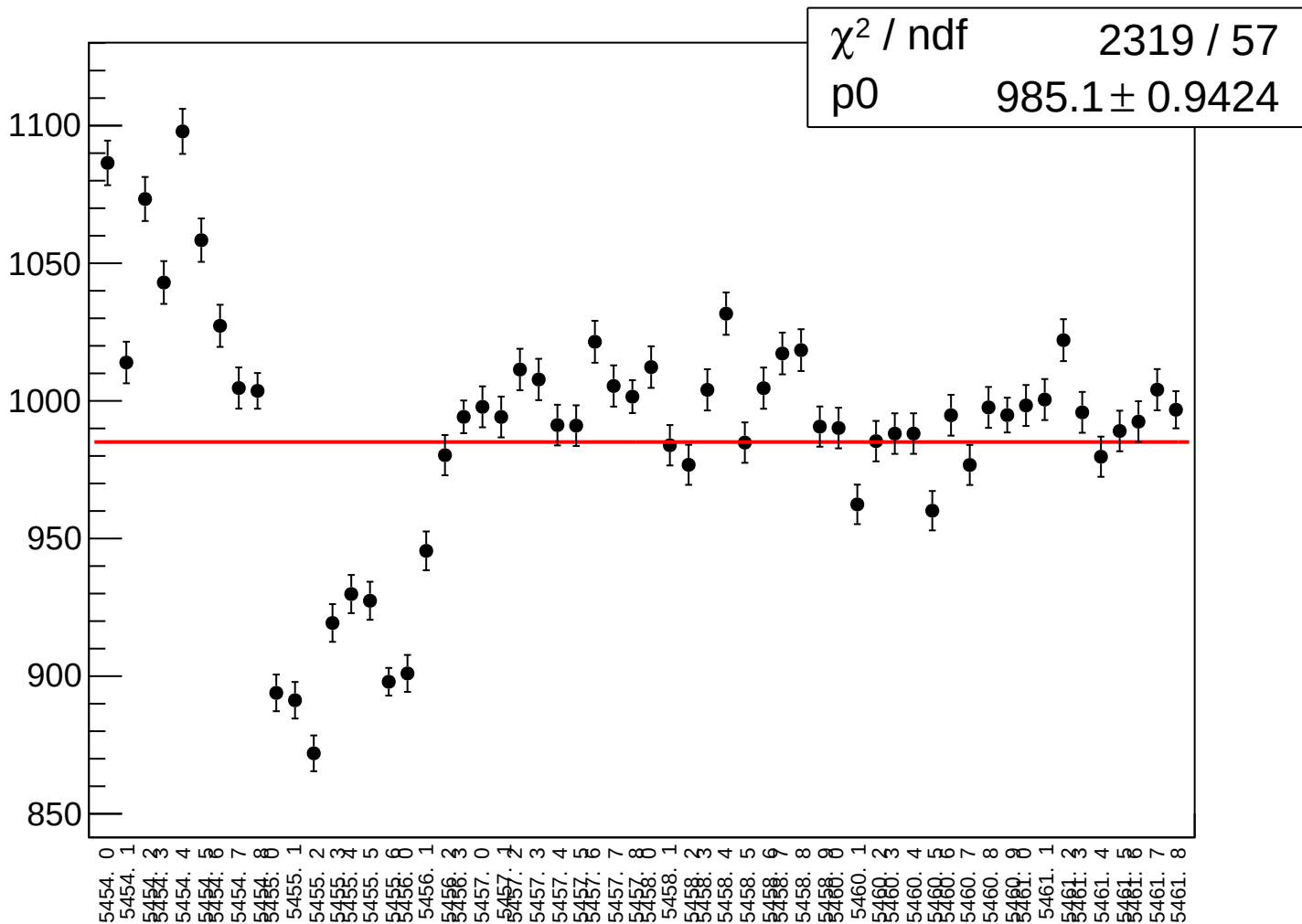




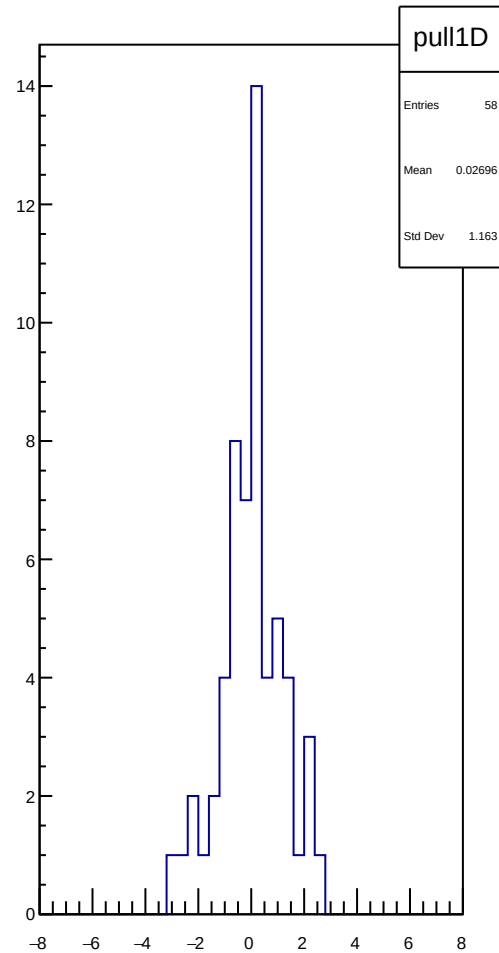
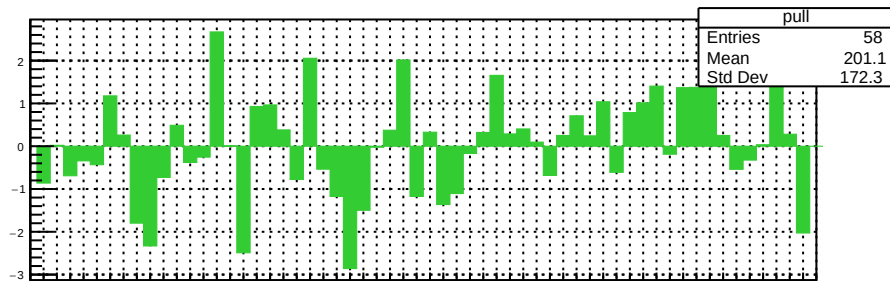
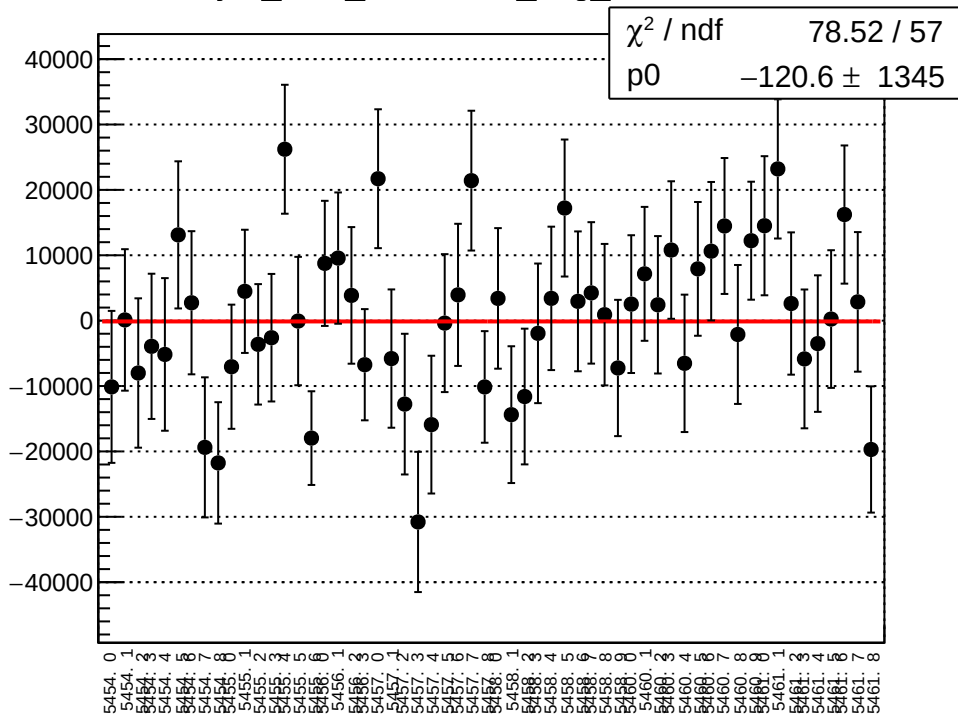
asym\_sam\_12345678\_avg\_correction\_mean vs run



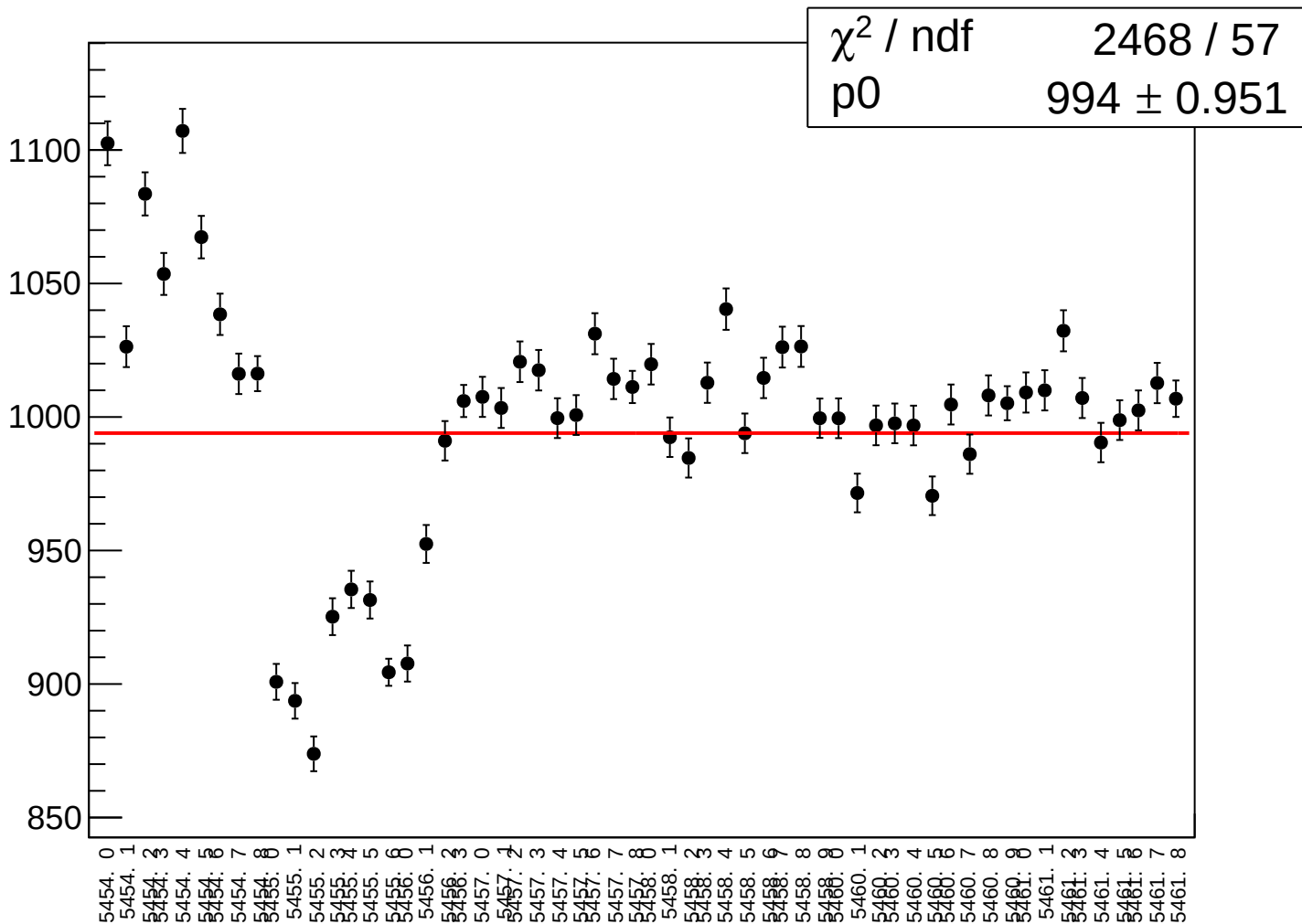
asym\_sam\_12345678\_avg\_correction\_rms vs run



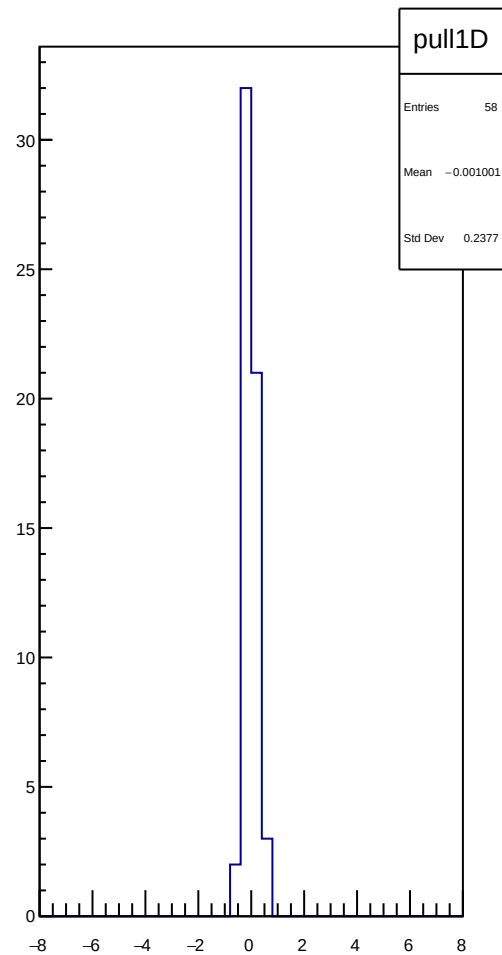
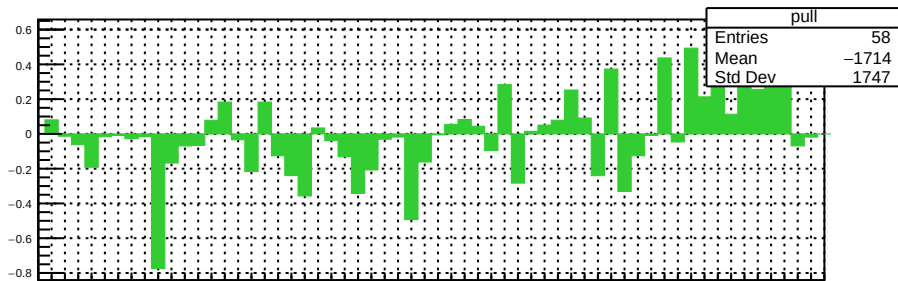
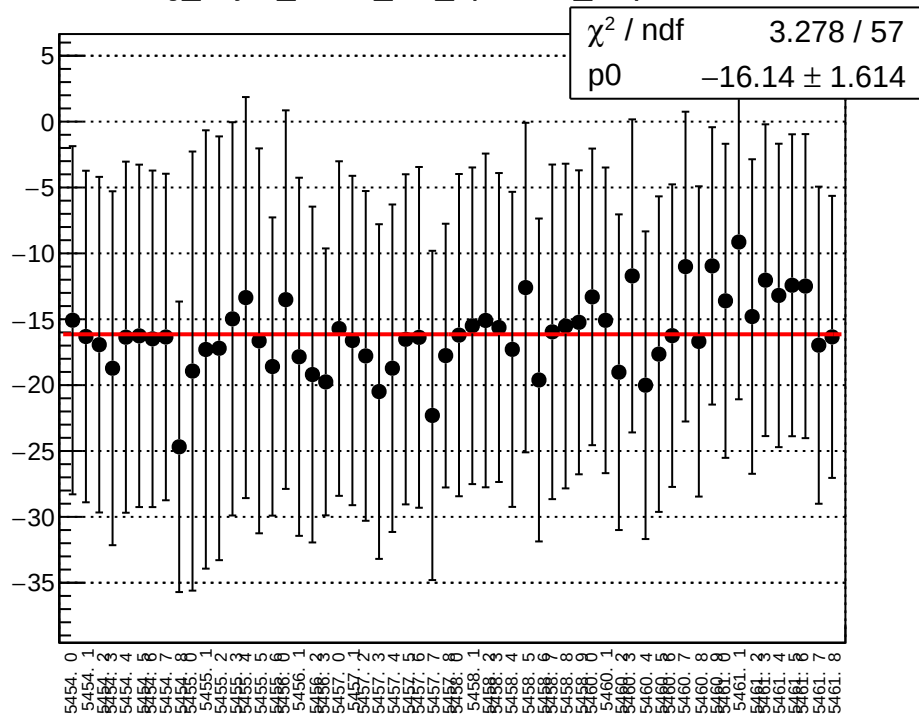
asym\_sam\_12345678\_avg\_mean vs run



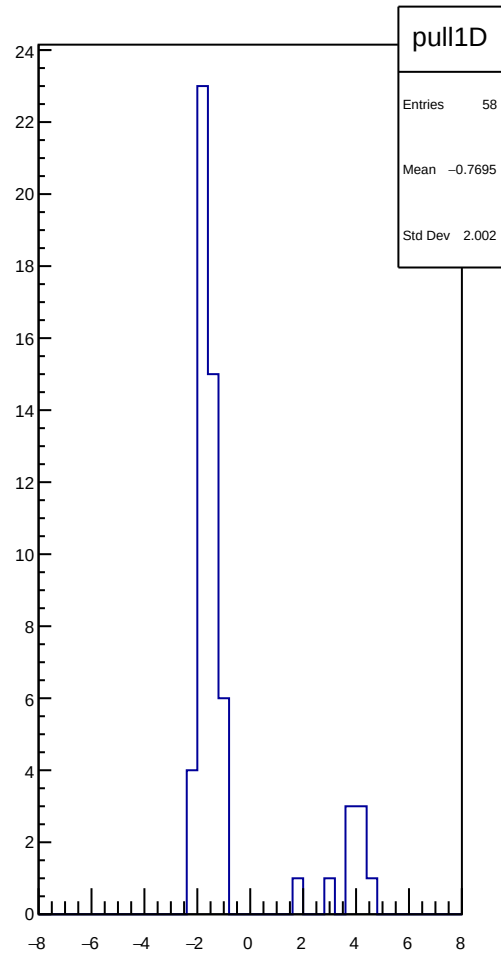
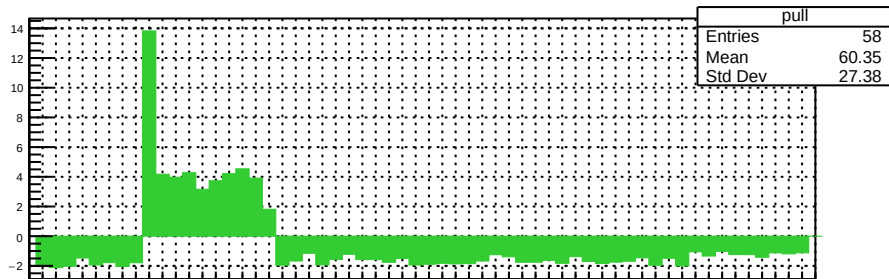
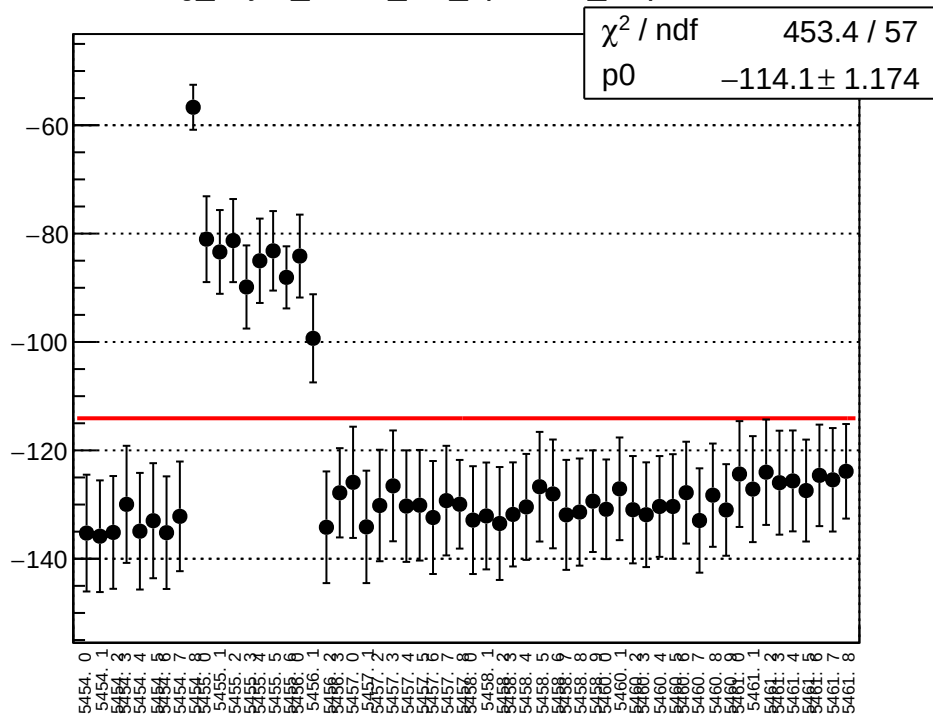
asym\_sam\_12345678\_avg\_rms vs run



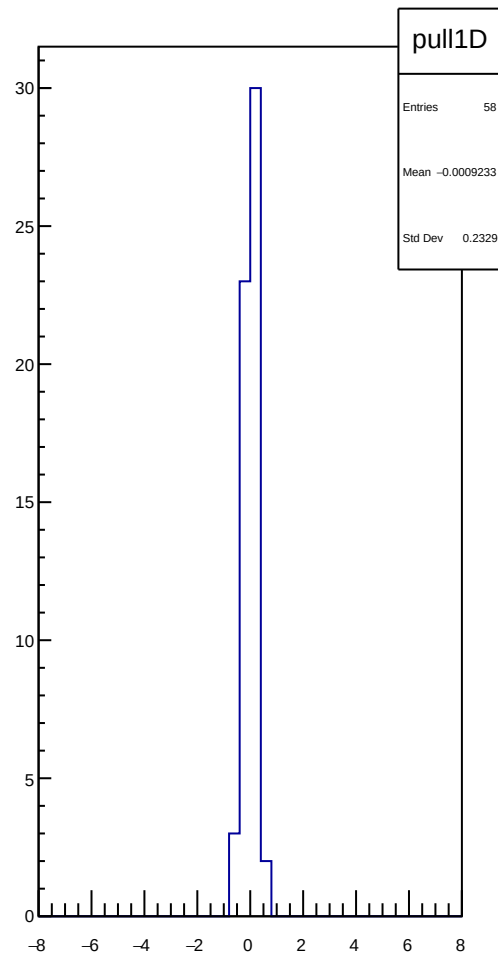
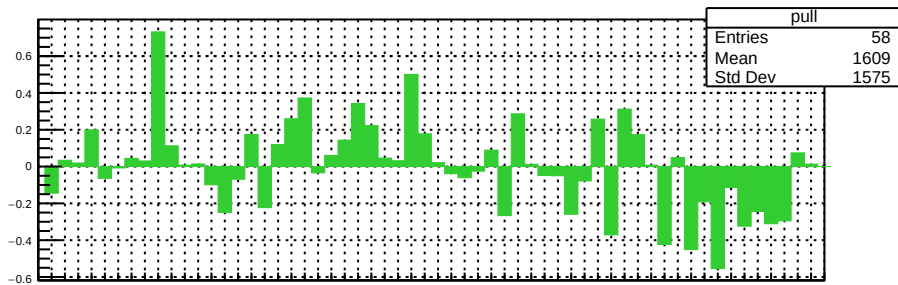
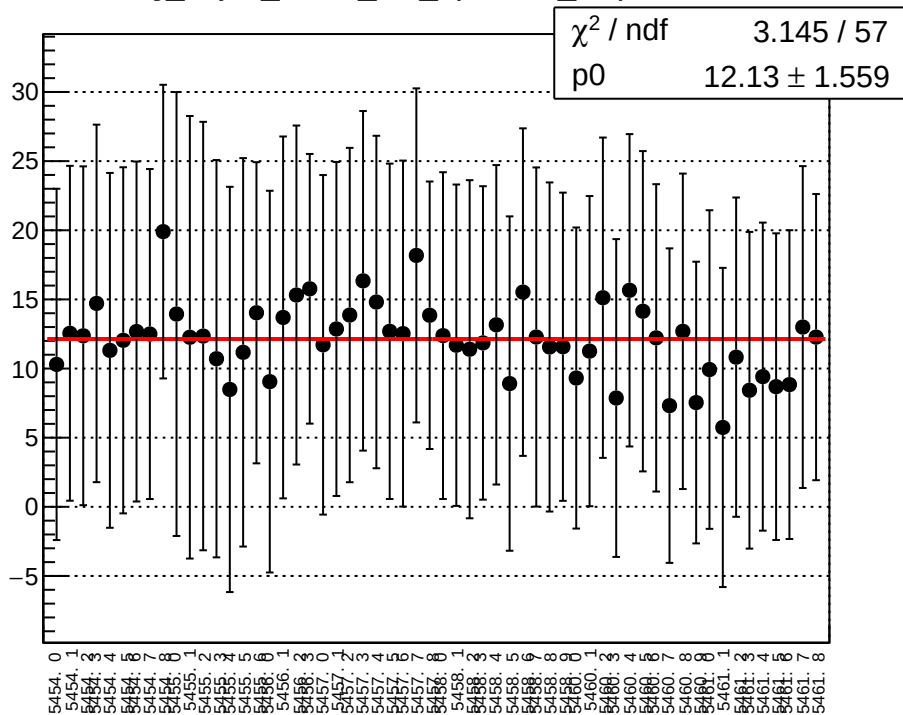
reg\_asym\_sam1\_diff\_bpm4aX\_slope vs run



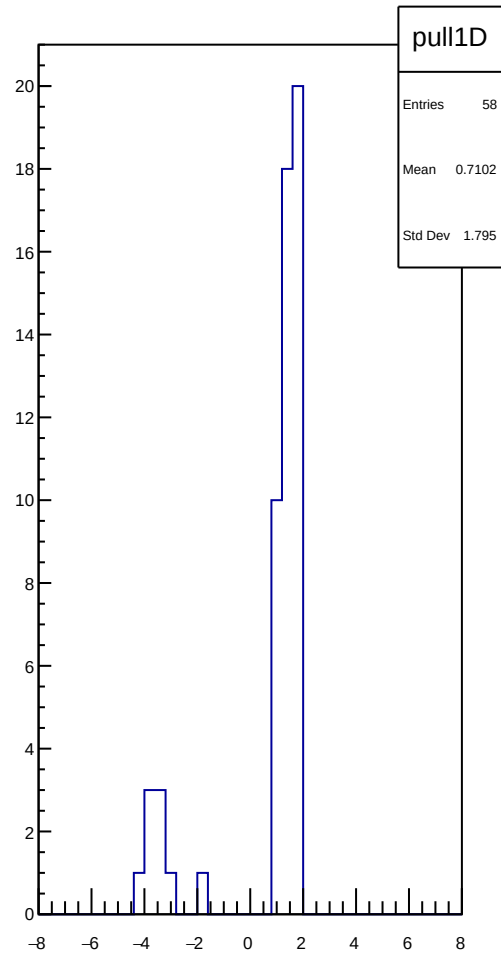
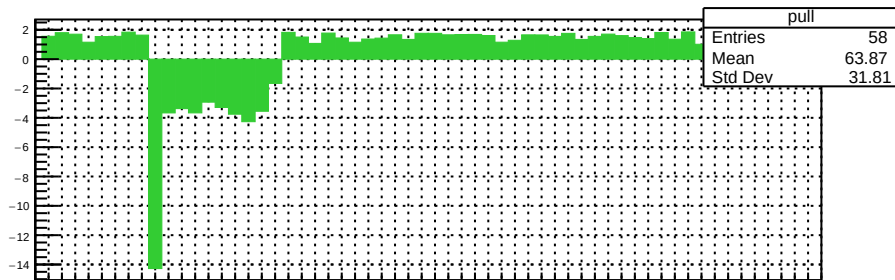
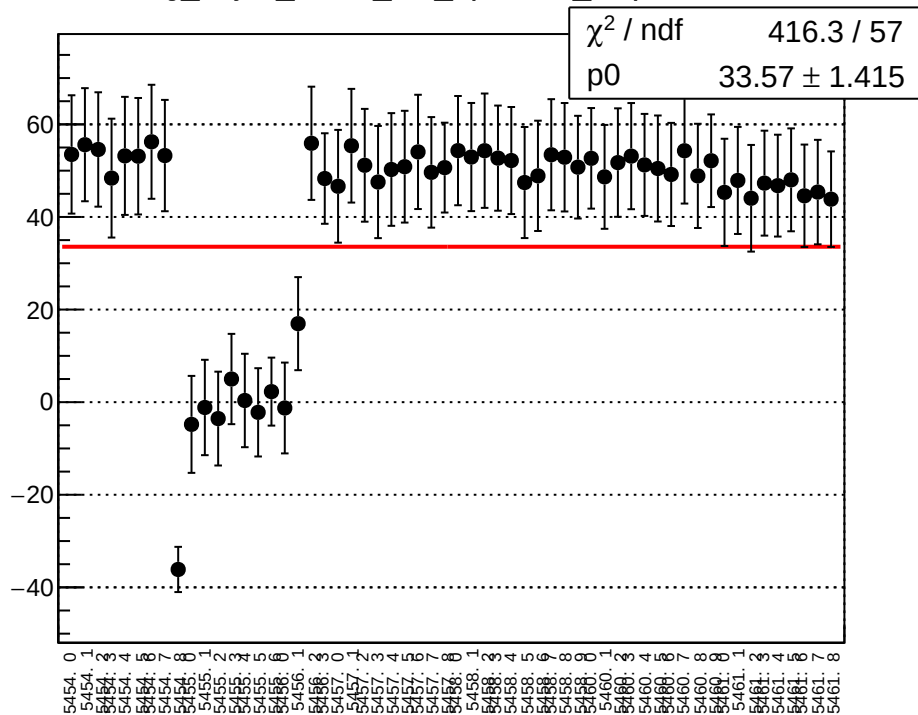
reg\_asym\_sam1\_diff\_bpm4aY\_slope vs run



reg\_asym\_sam1\_diff\_bpm4ex\_slope vs run

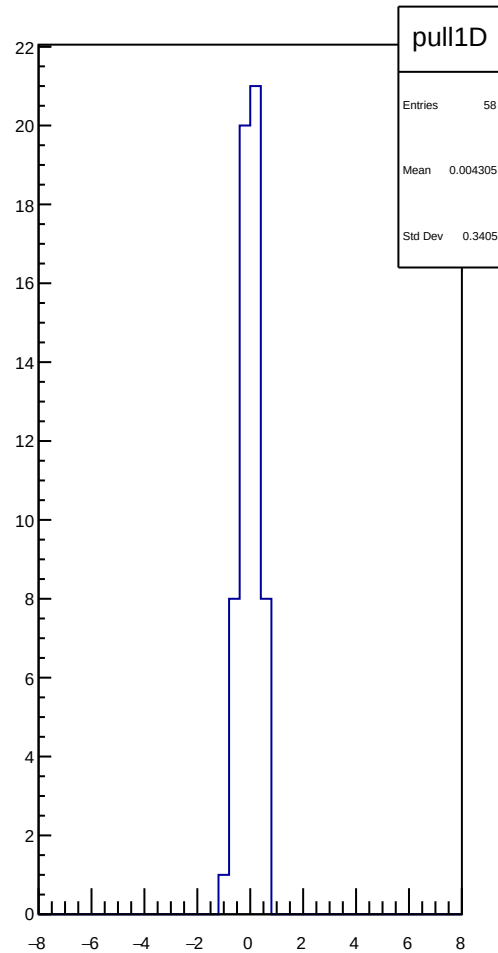
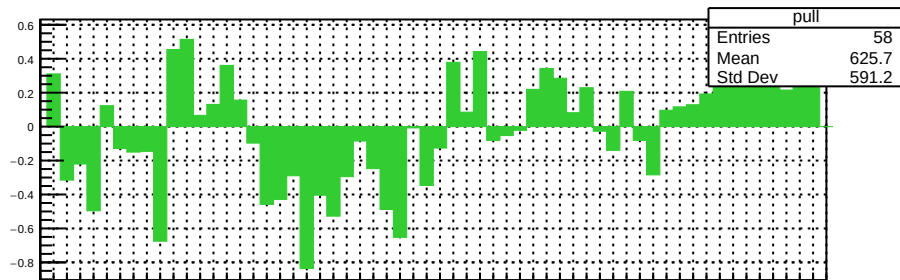
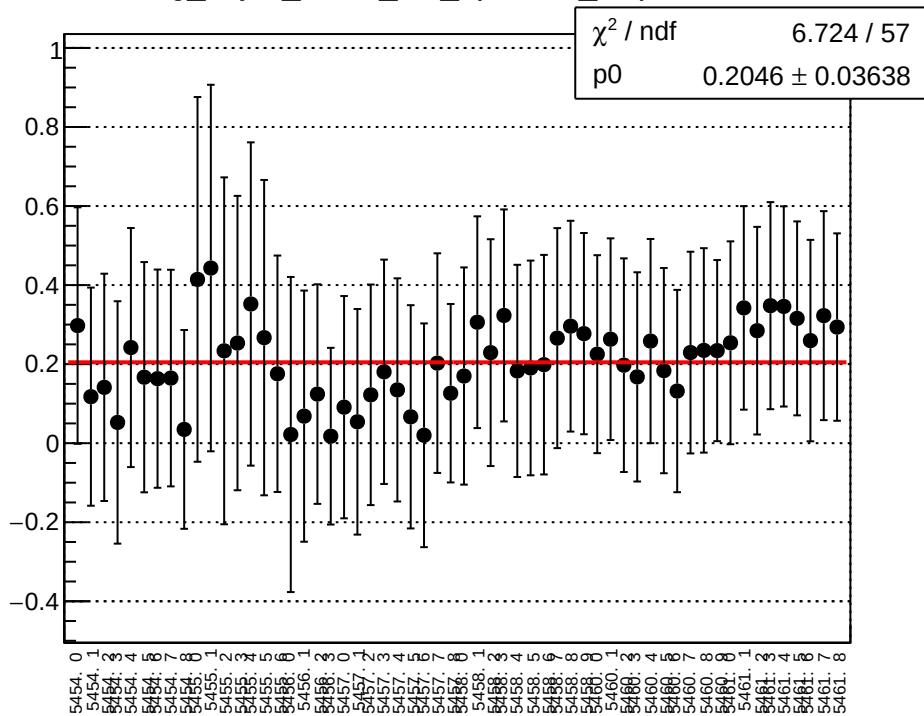


reg\_asym\_sam1\_diff\_bpm4eY\_slope vs run

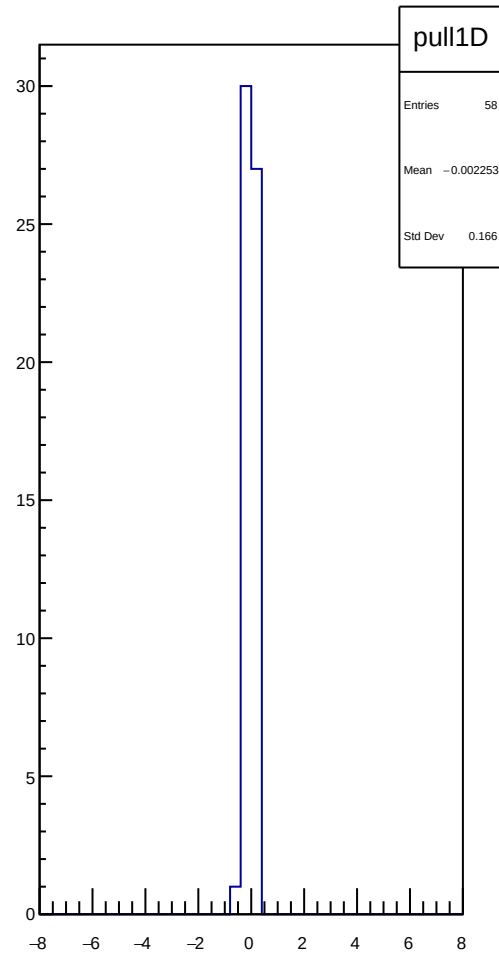
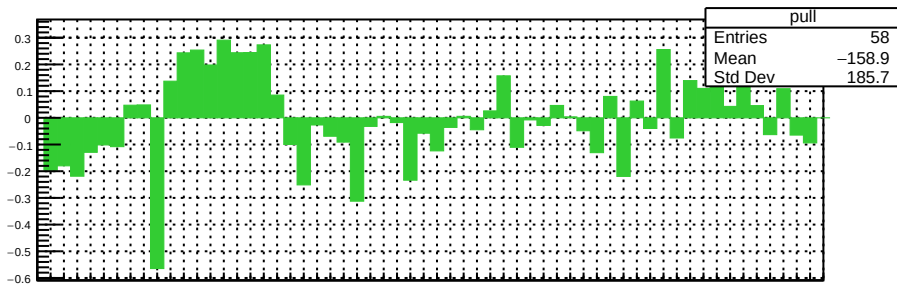
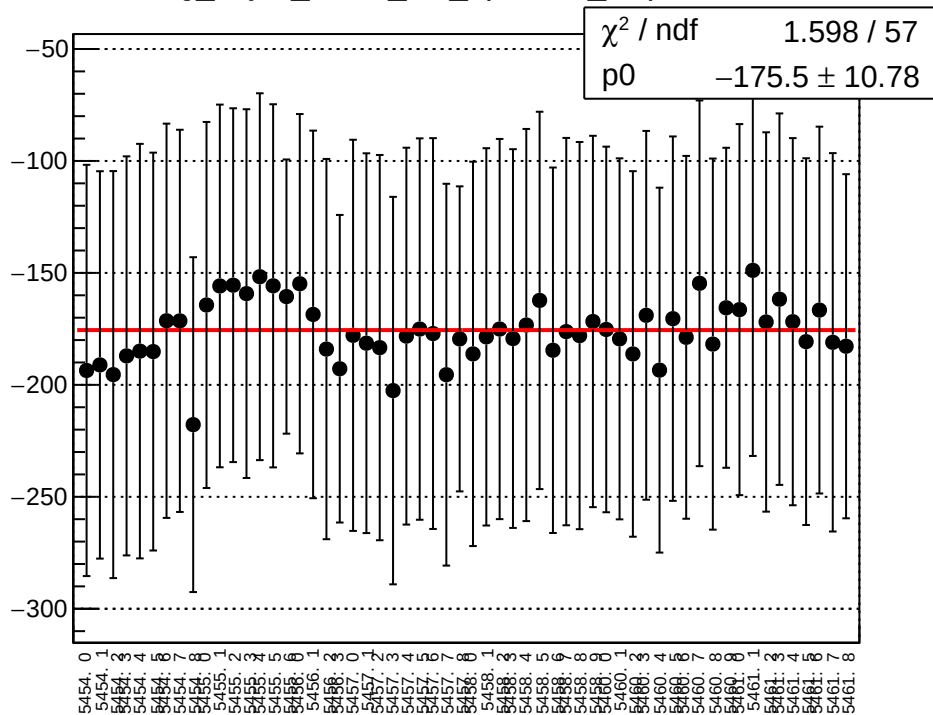




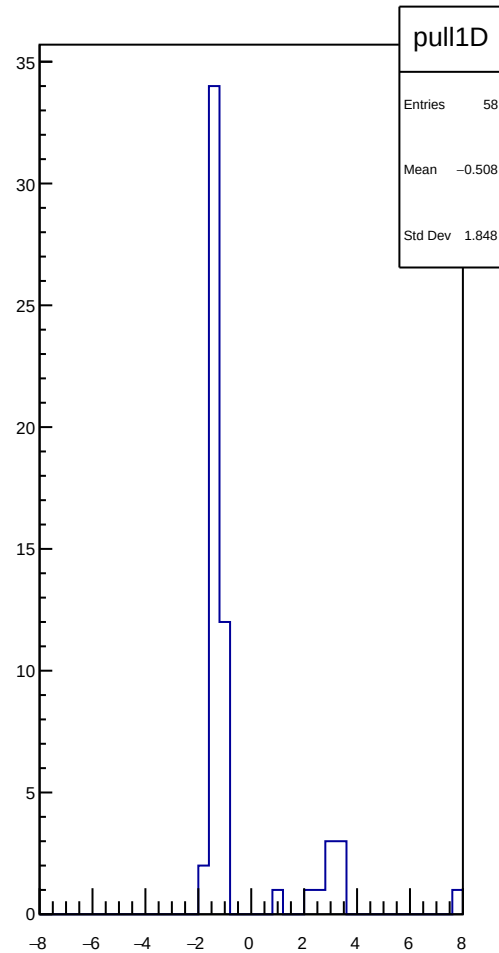
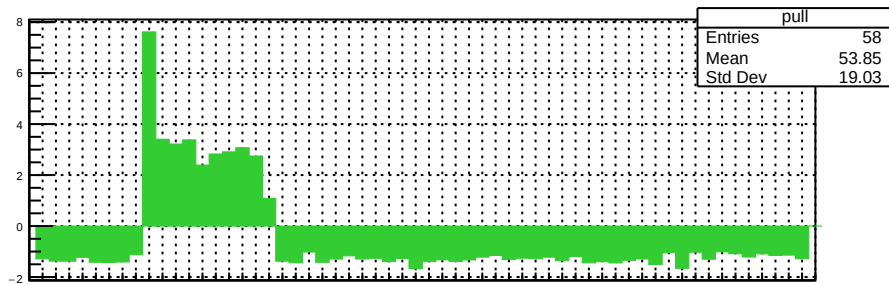
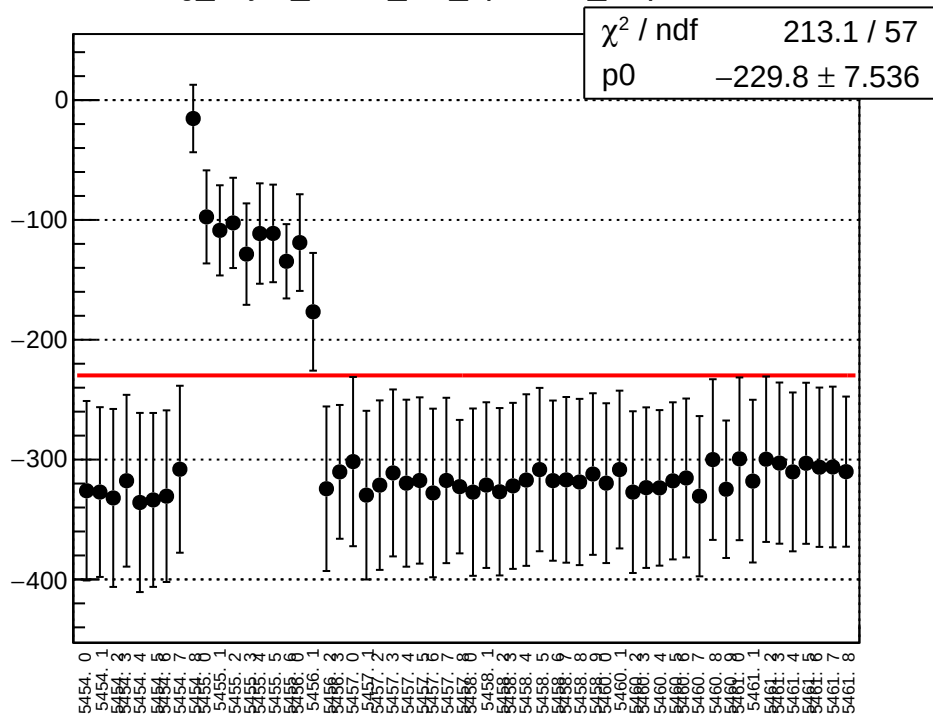
reg\_asym\_sam1\_diff\_bpm12X\_slope vs run



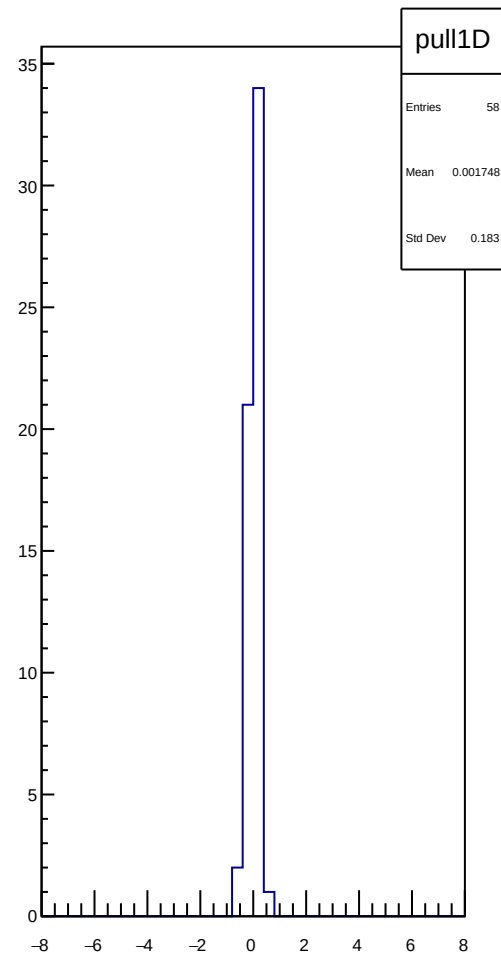
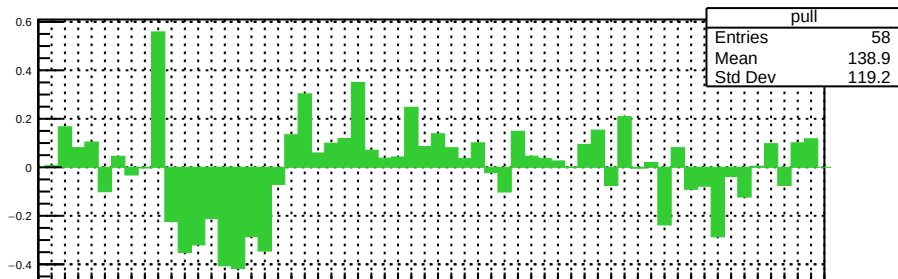
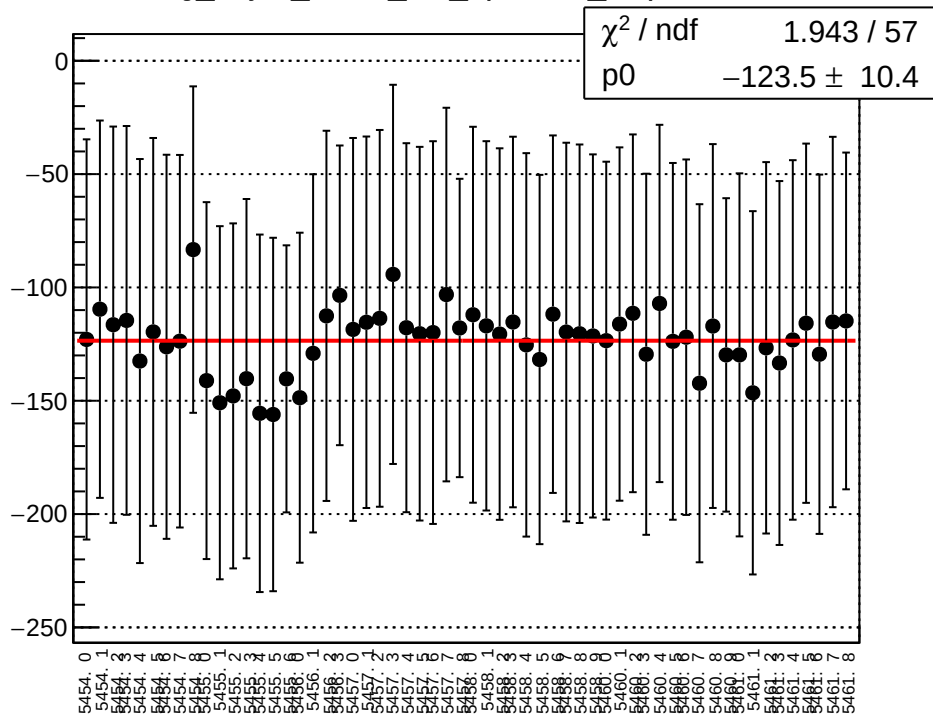
reg\_asym\_sam2\_diff\_bpm4aX\_slope vs run



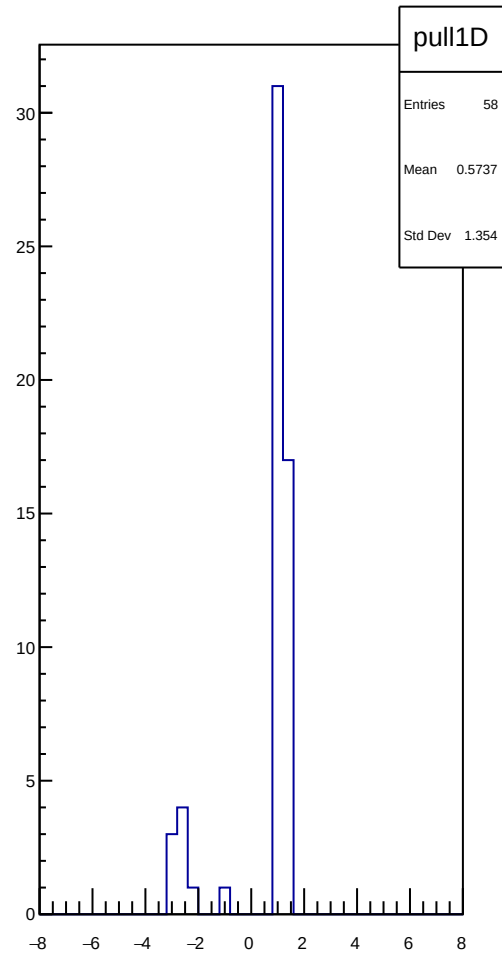
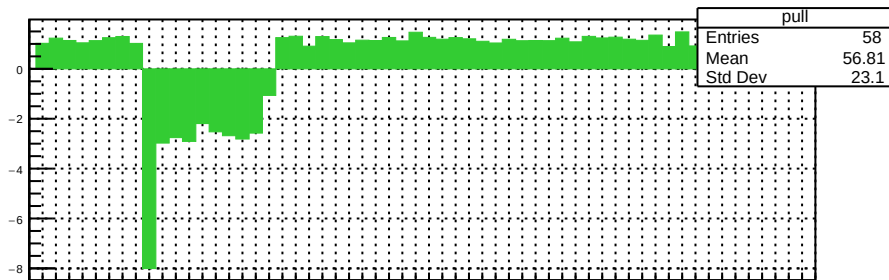
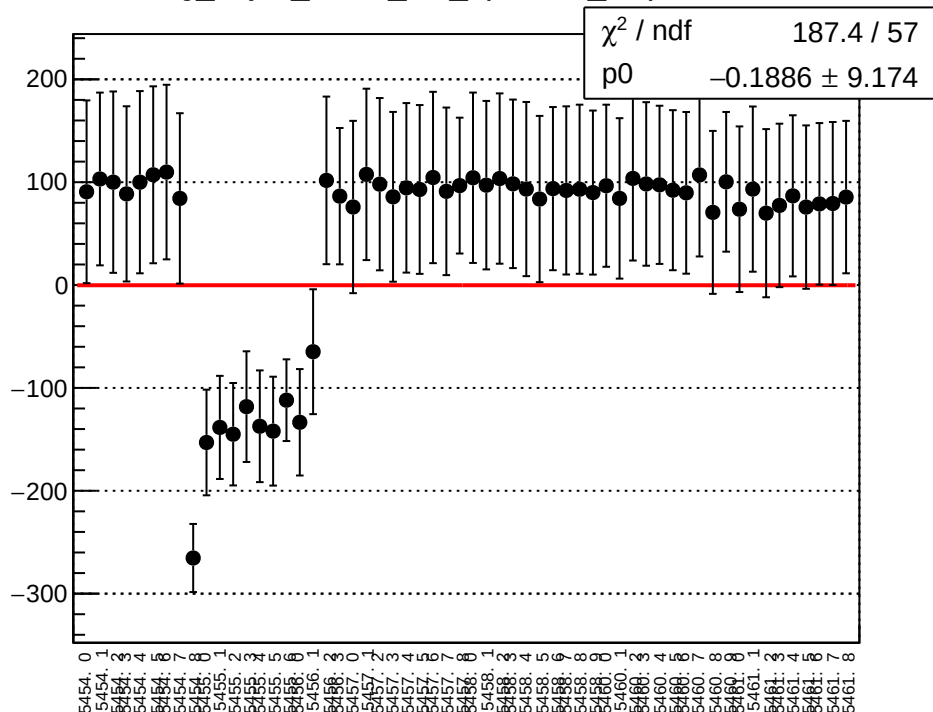
reg\_asym\_sam2\_diff\_bpm4aY\_slope vs run



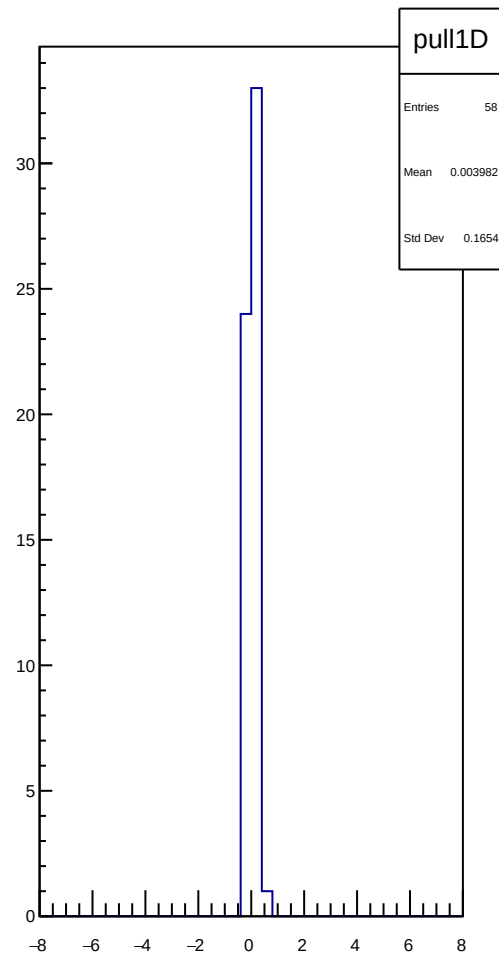
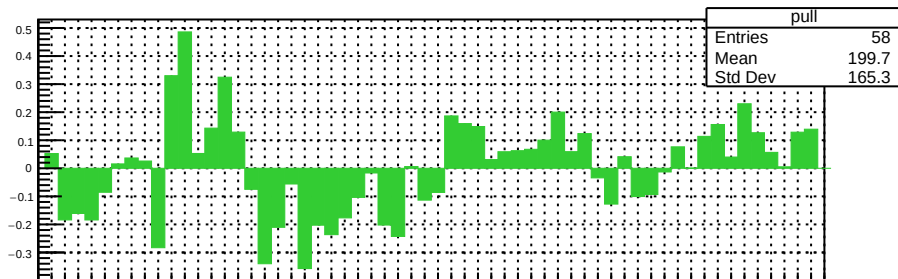
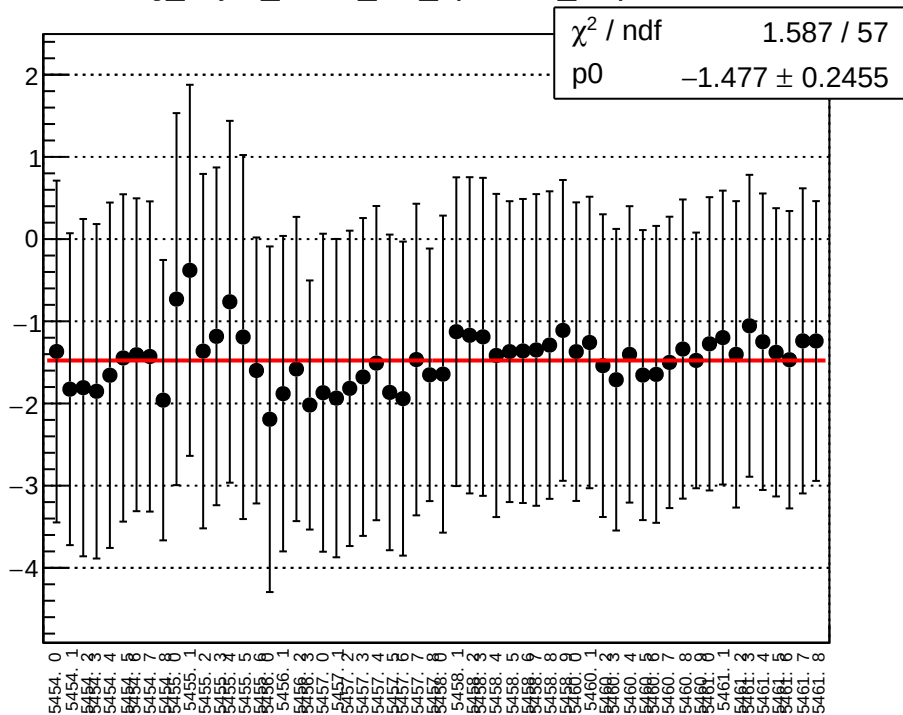
reg\_asym\_sam2\_diff\_bpm4eX\_slope vs run



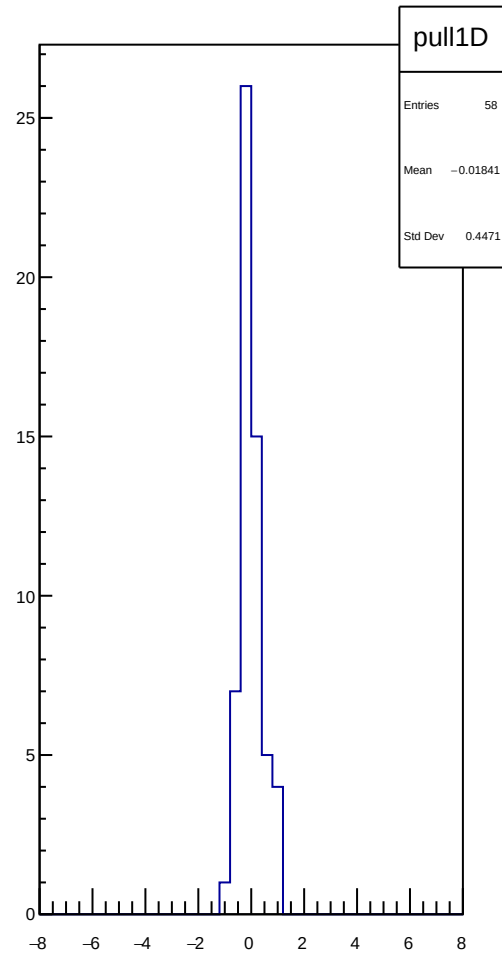
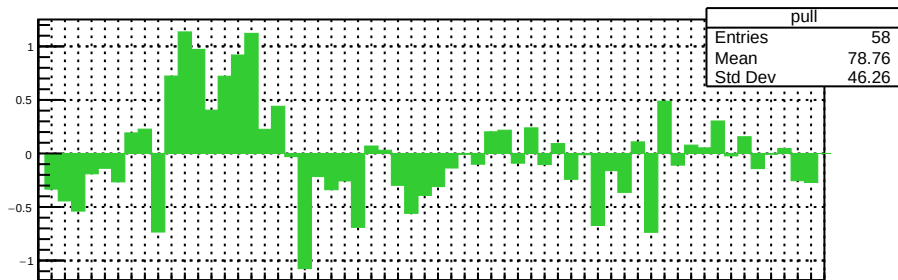
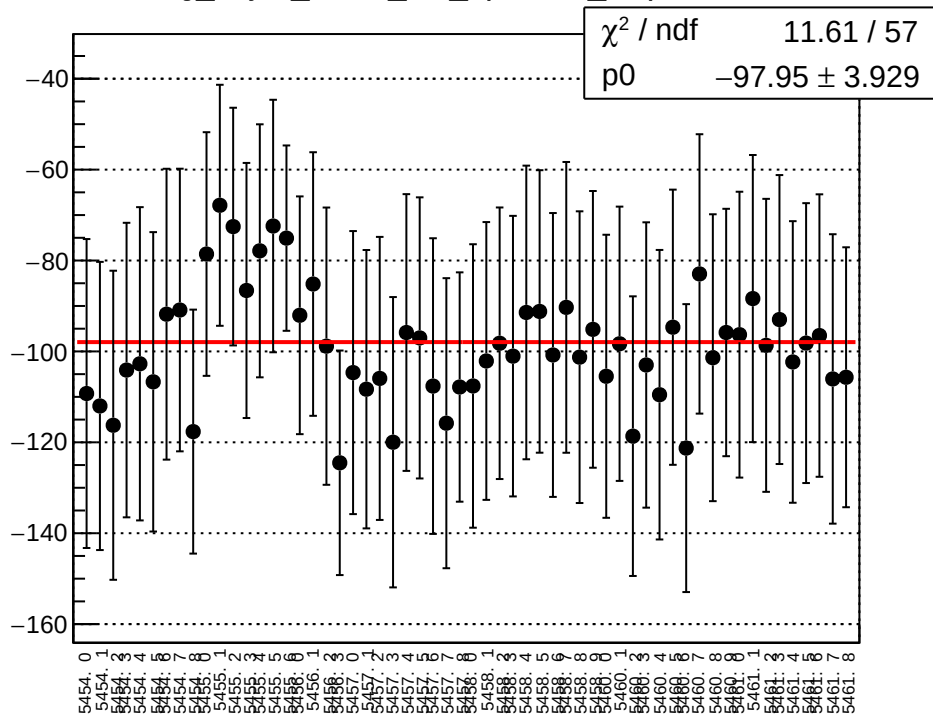
reg\_asym\_sam2\_diff\_bpm4eY\_slope vs run



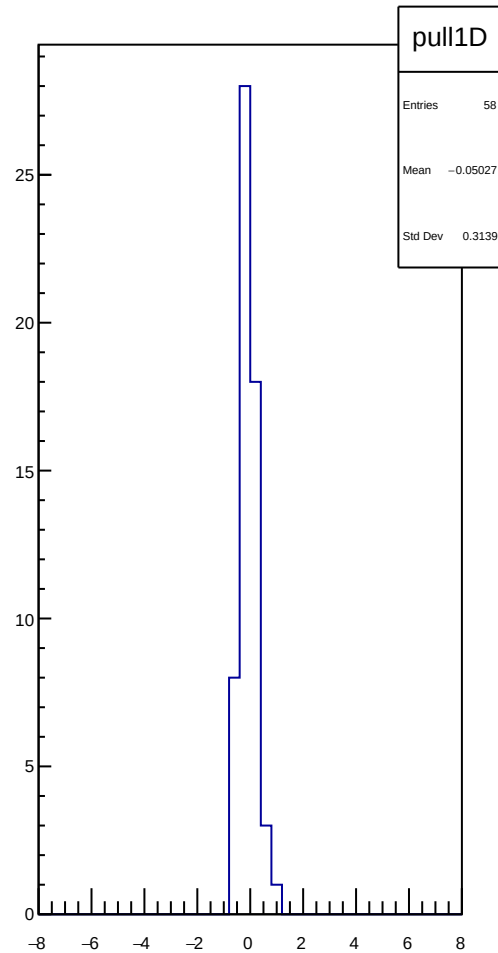
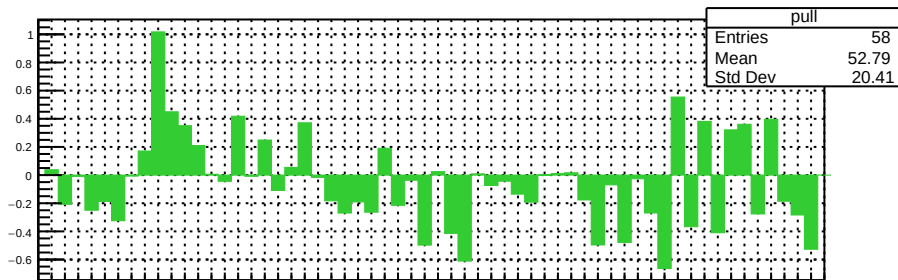
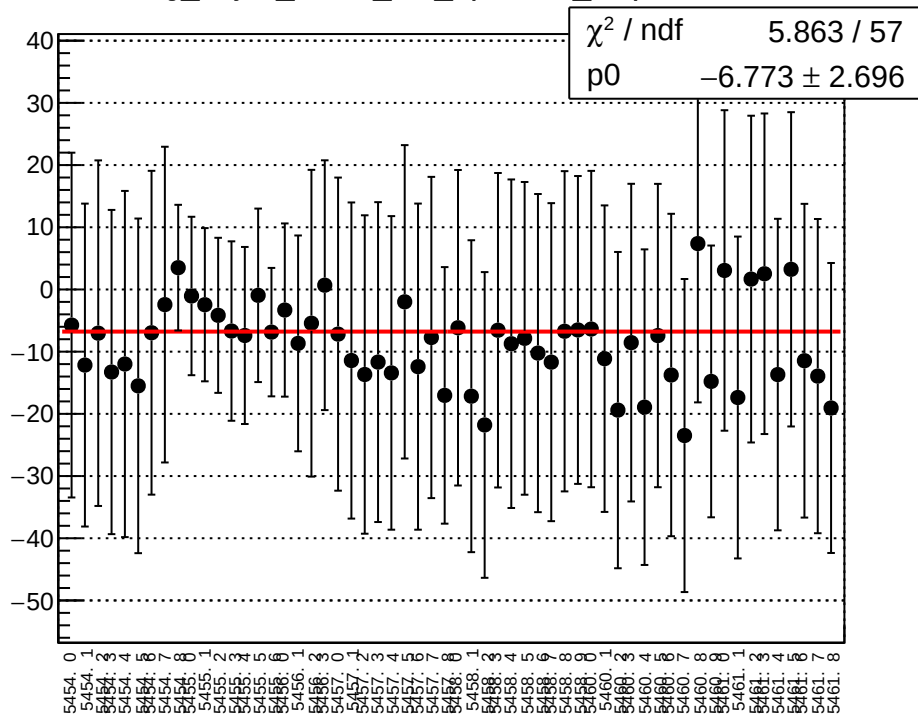
reg\_asym\_sam2\_diff\_bpm12X\_slope vs run



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

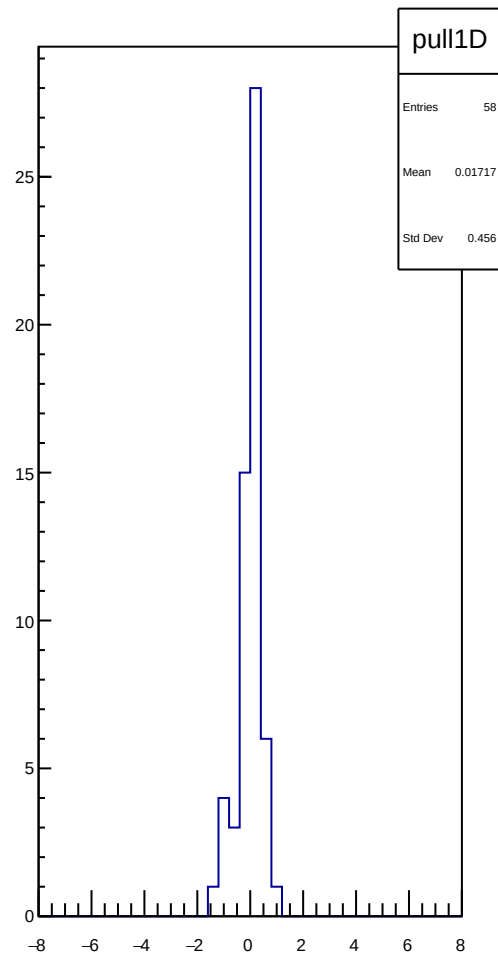
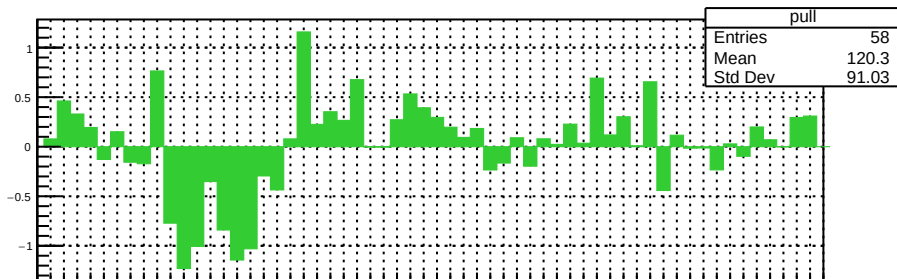
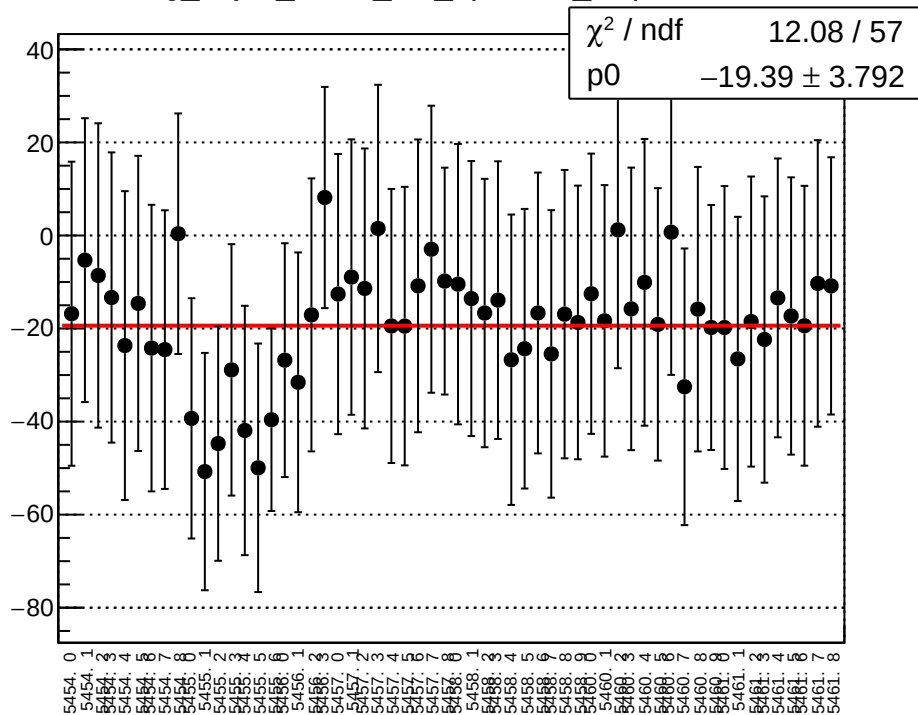


reg\_asym\_sam3\_diff\_bpm4aY\_slope vs run

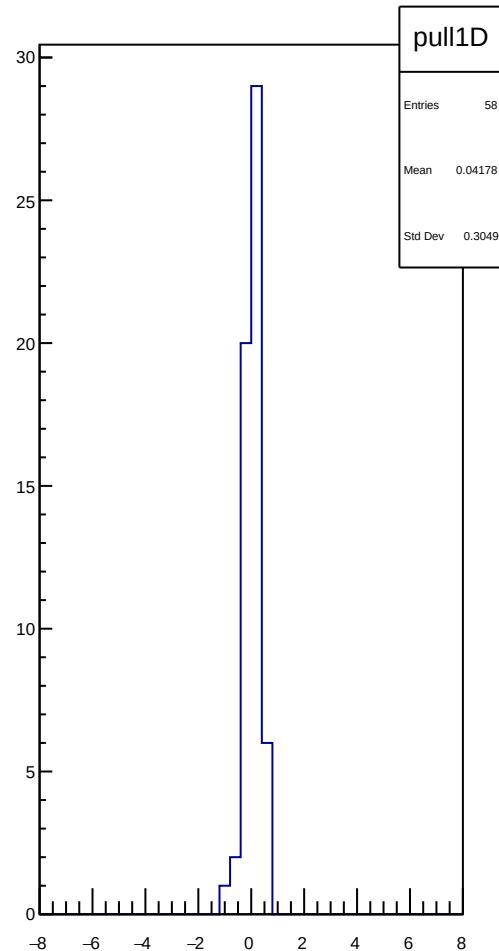
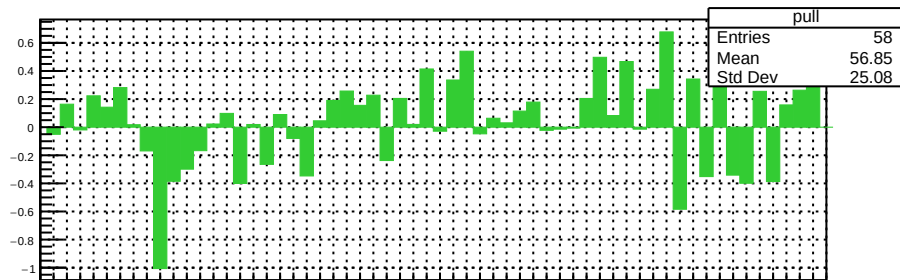
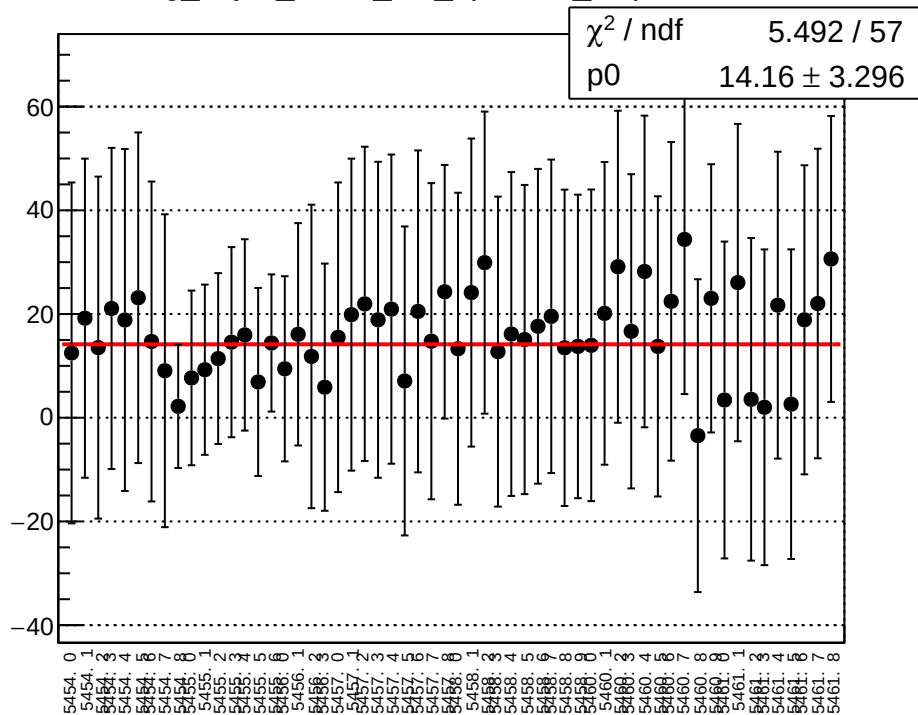




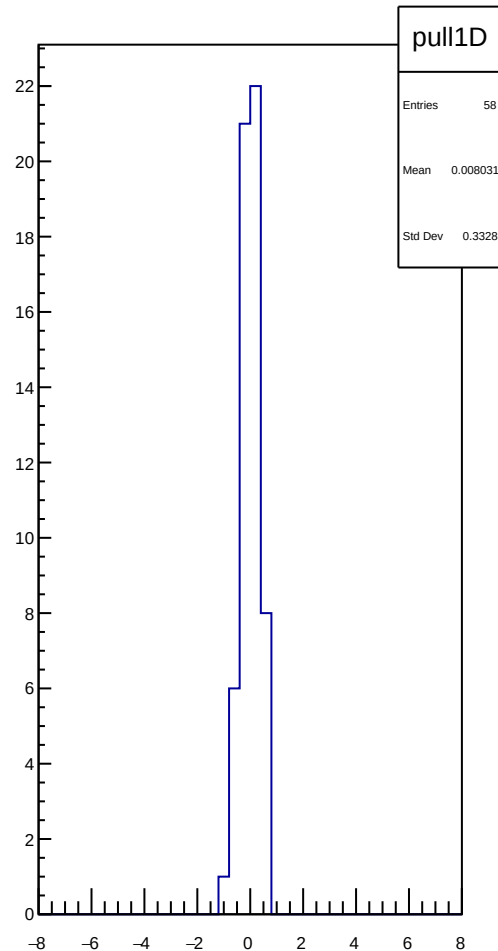
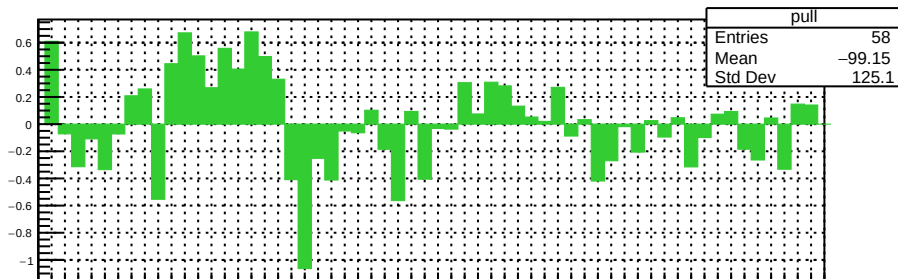
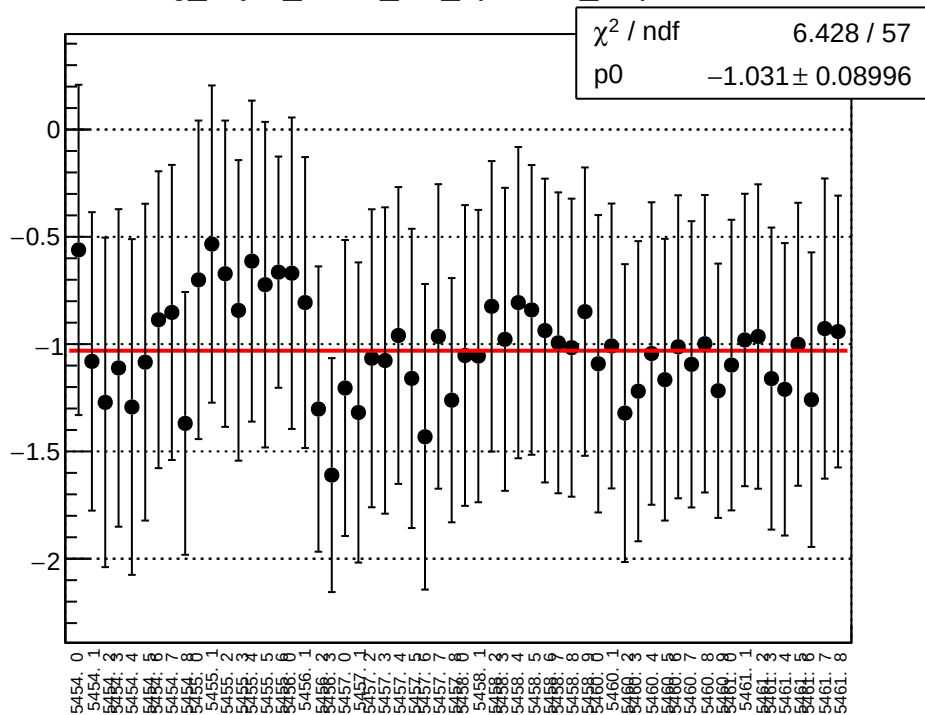
reg\_asym\_sam3\_diff\_bpm4eX\_slope vs run



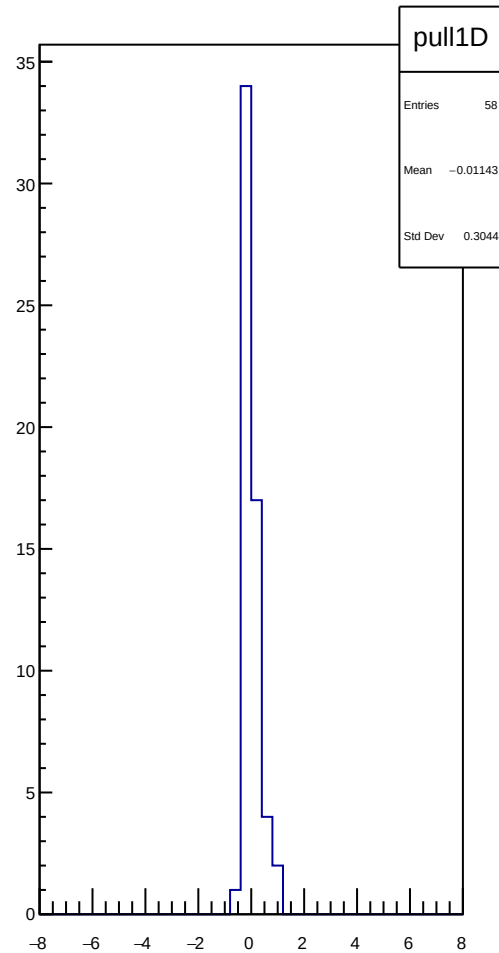
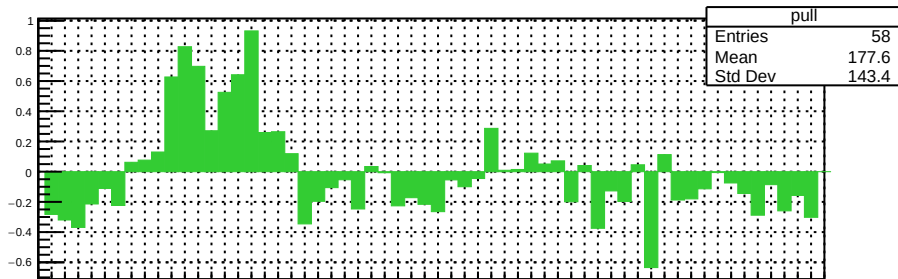
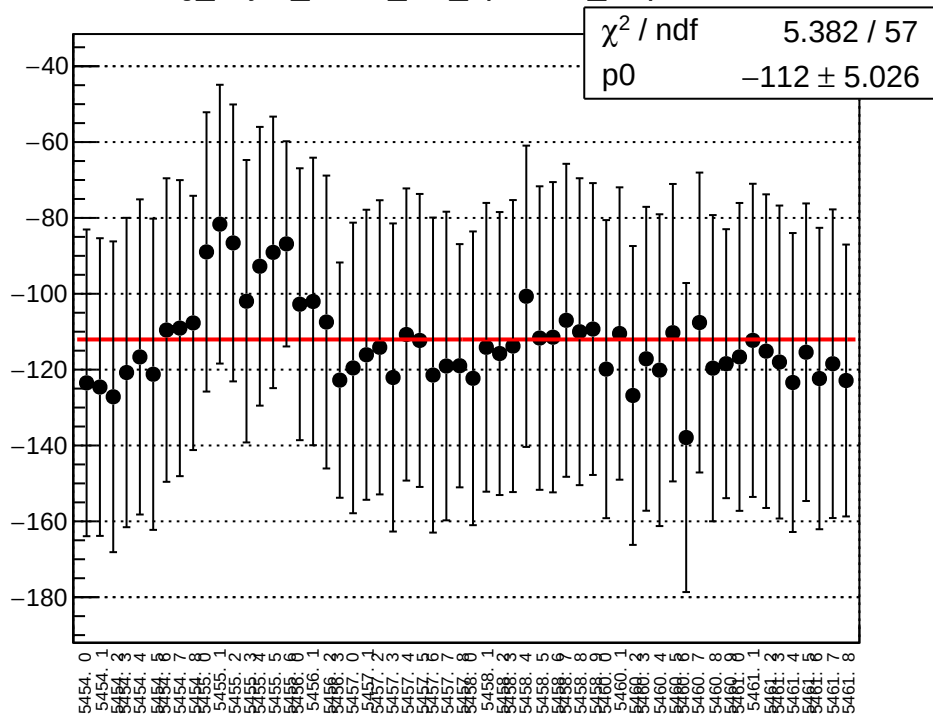
reg\_asym\_sam3\_diff\_bpm4eY\_slope vs run



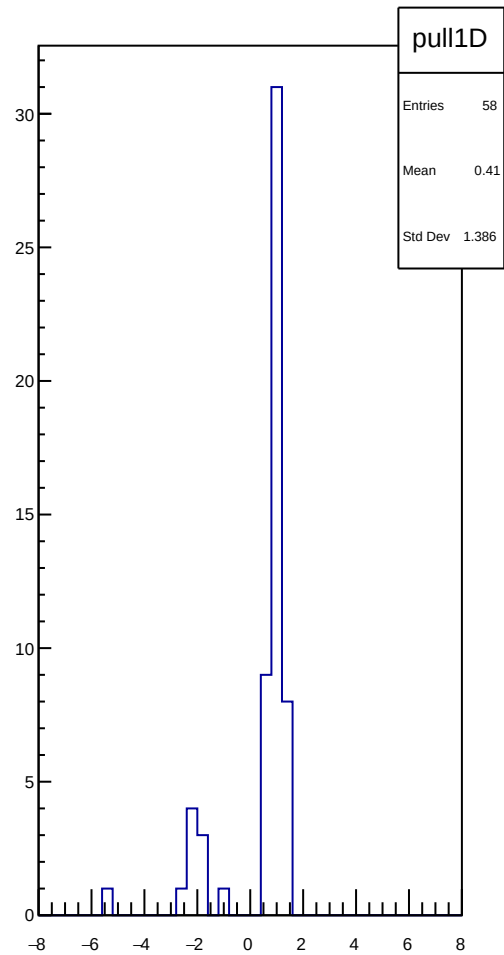
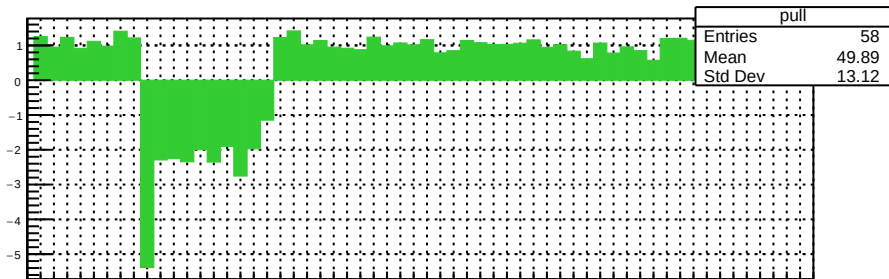
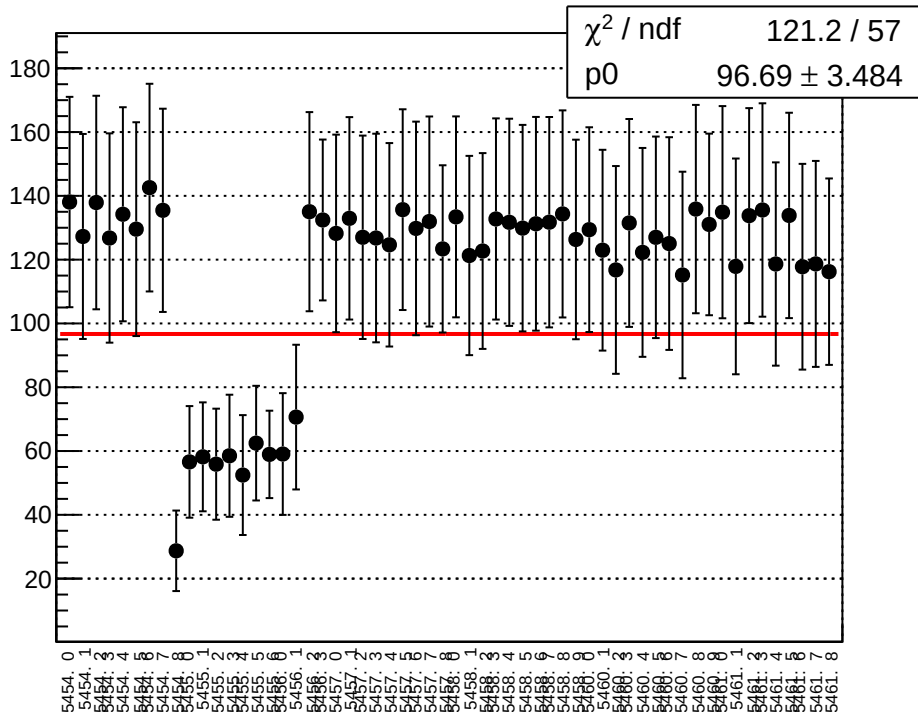
reg\_asym\_sam3\_diff\_bpm12X\_slope vs run



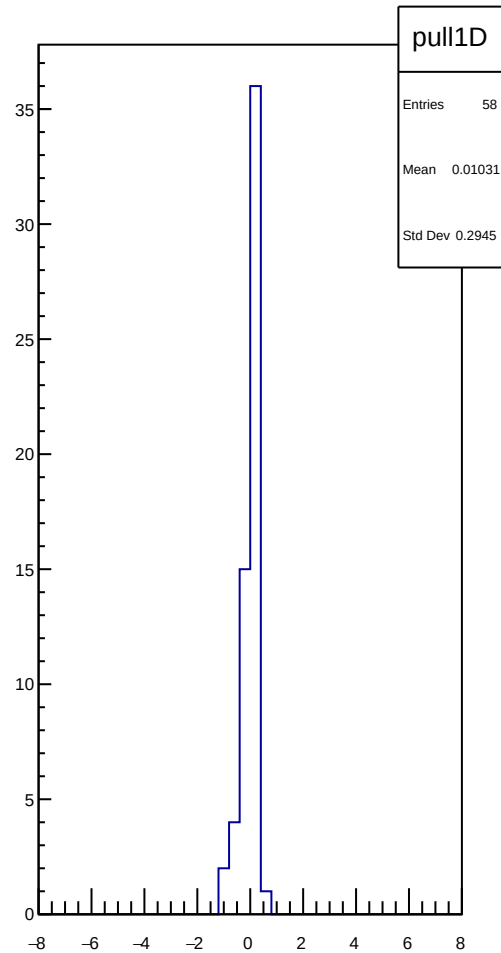
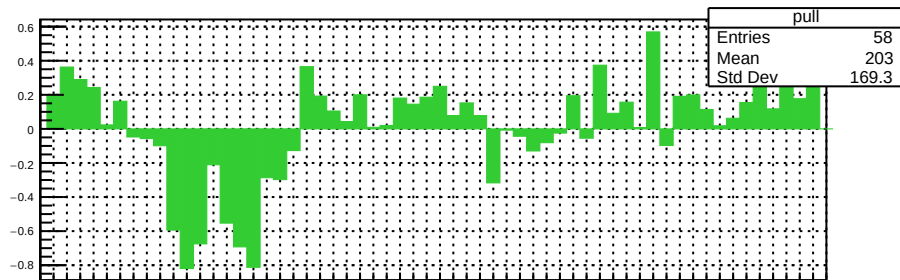
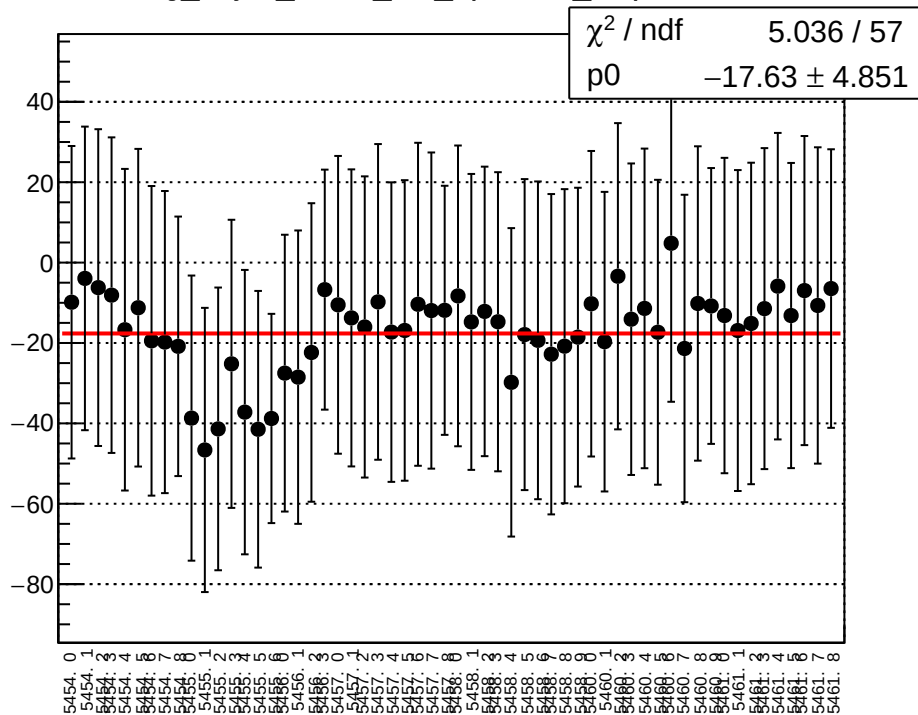
reg\_asym\_sam4\_diff\_bpm4aX\_slope vs run



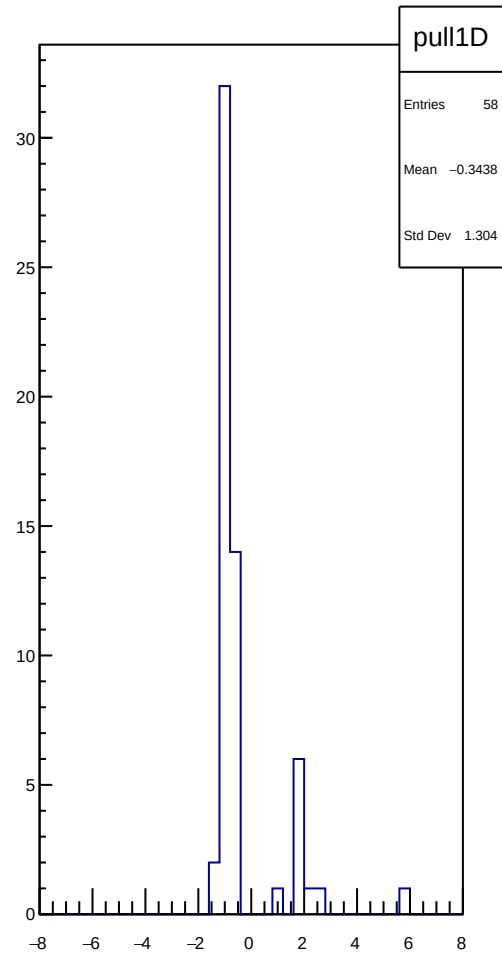
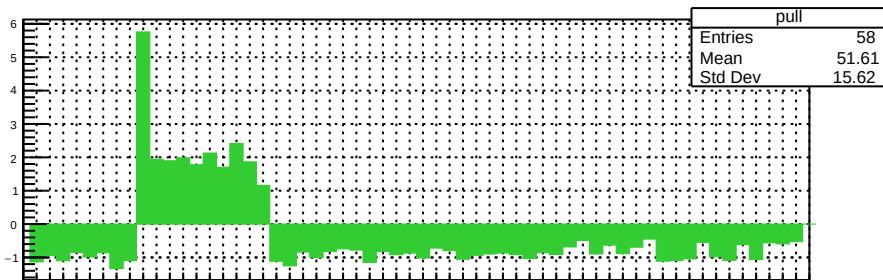
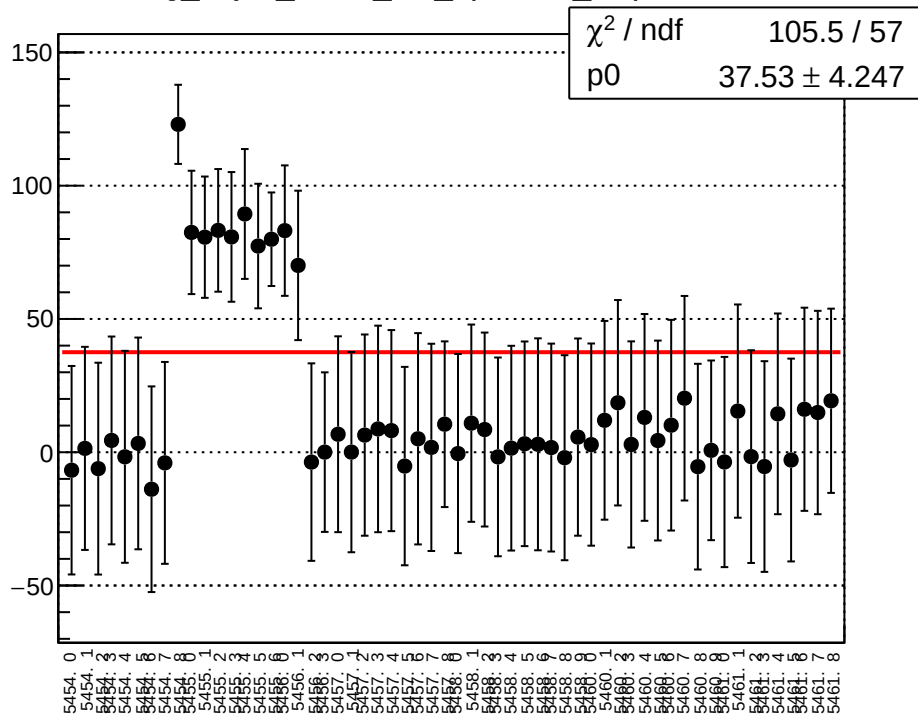
reg\_asym\_sam4\_diff\_bpm4aY\_slope vs run



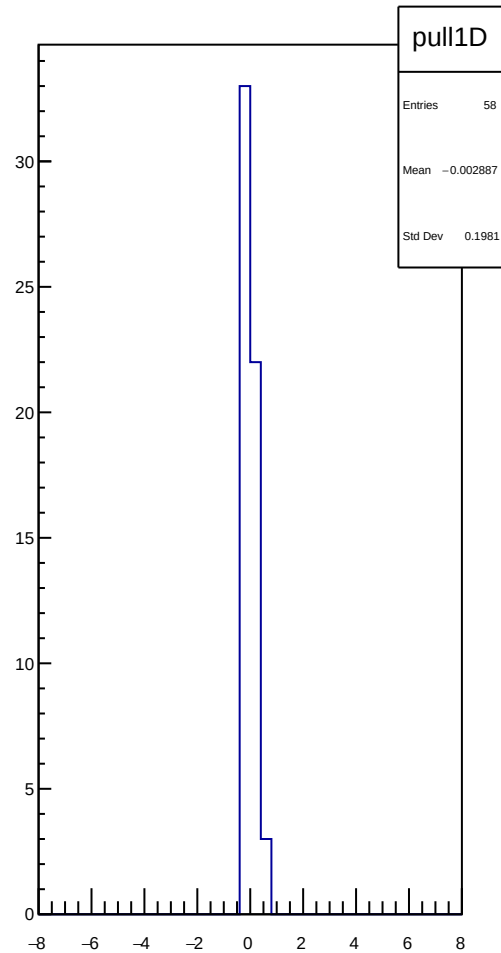
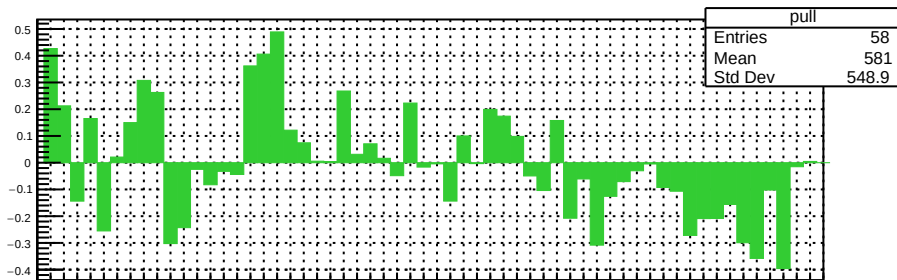
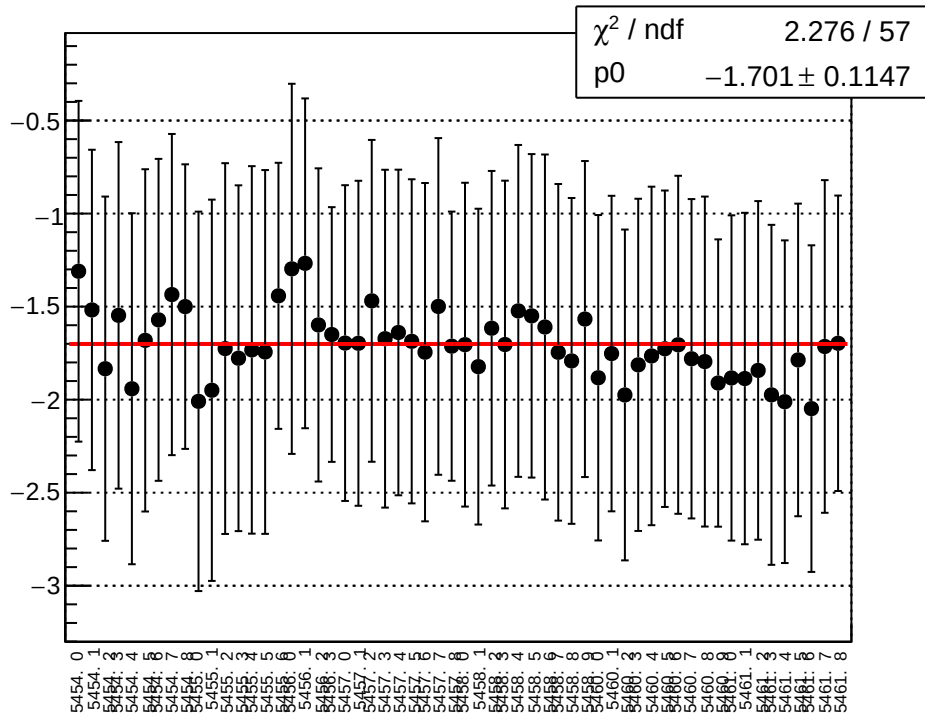
reg\_asym\_sam4\_diff\_bpm4eX\_slope vs run



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

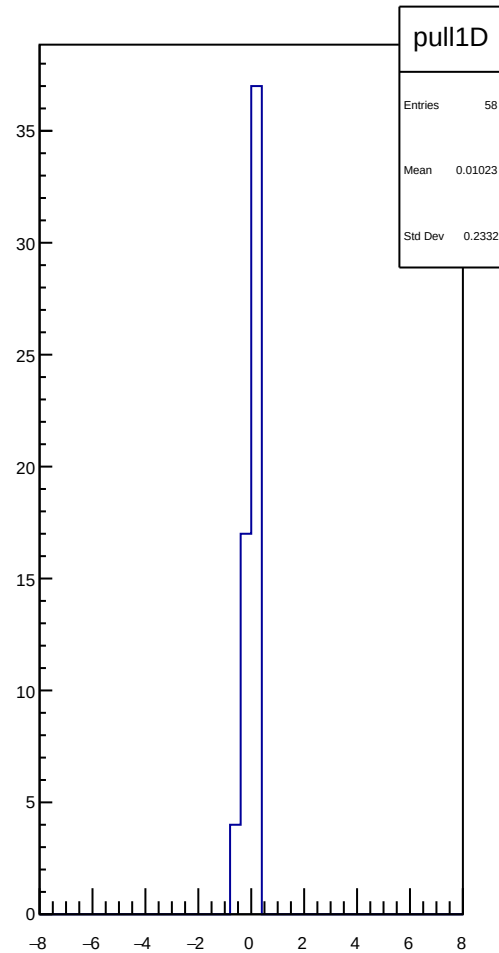
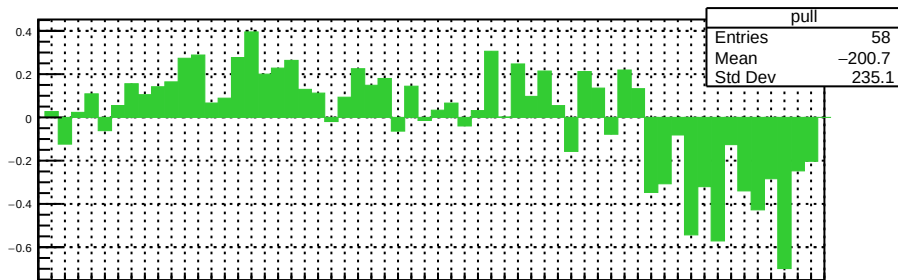
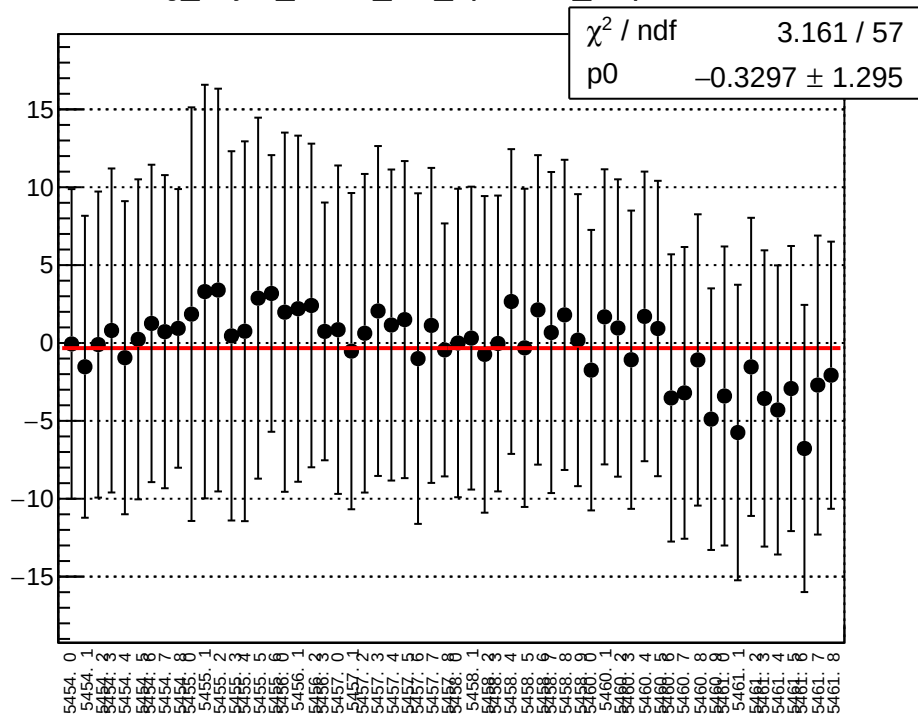


reg\_asym\_sam4\_diff\_bpm12X\_slope vs run

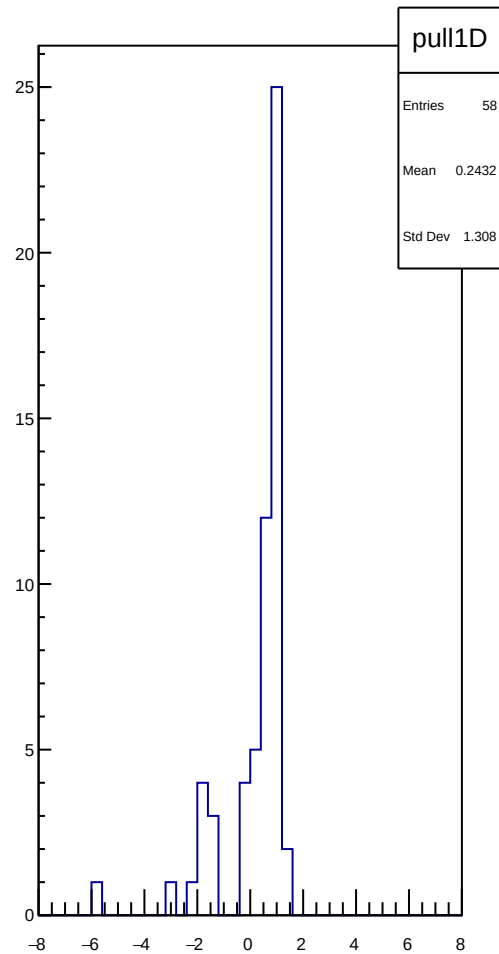
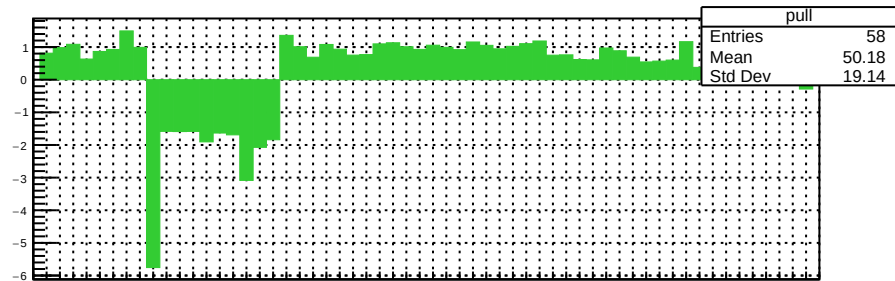
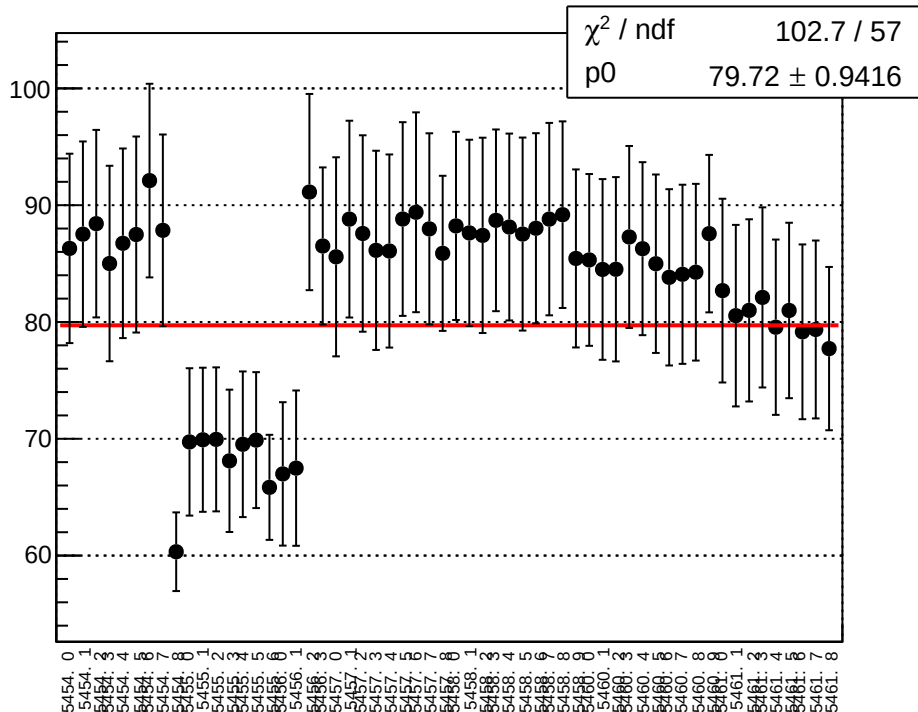




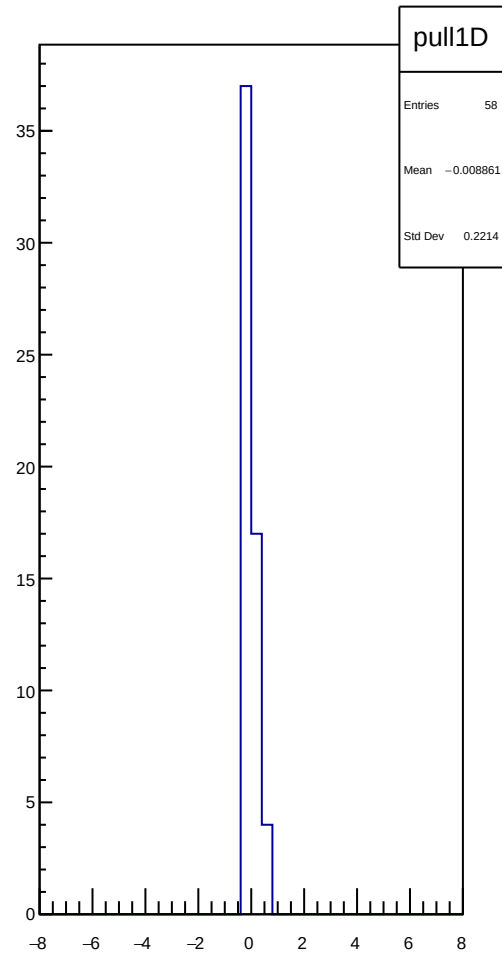
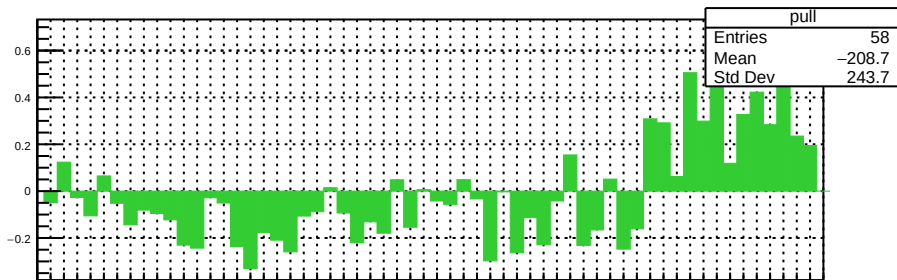
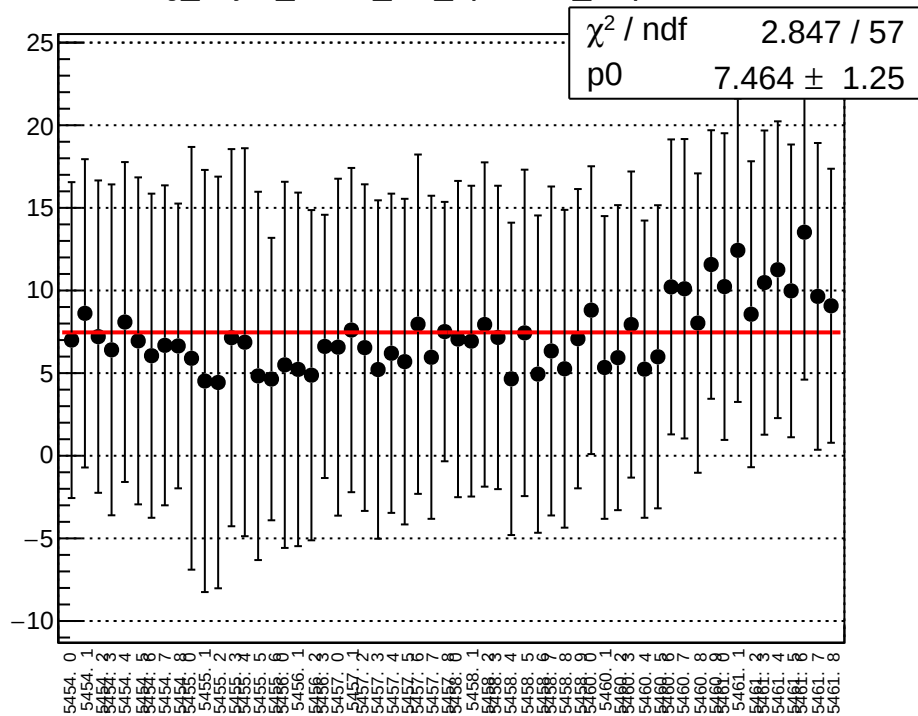
reg\_asym\_sam5\_diff\_bpm4aX\_slope vs run



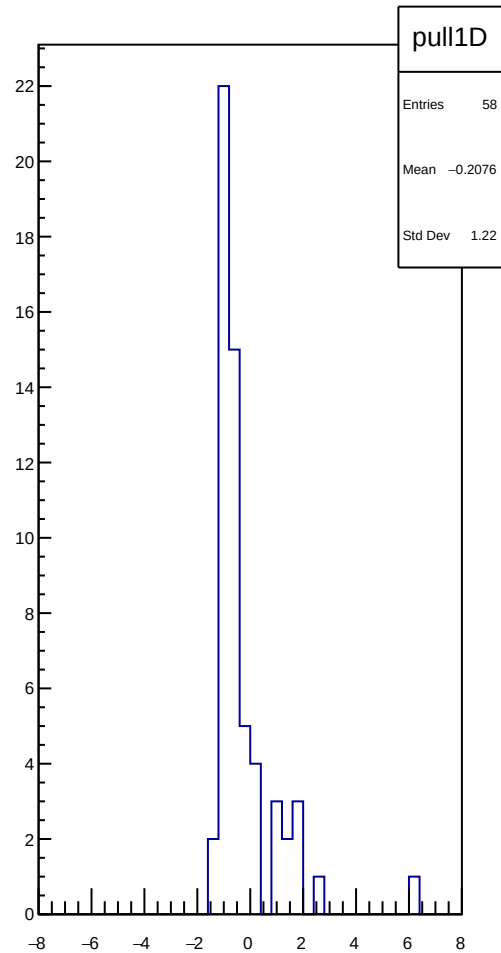
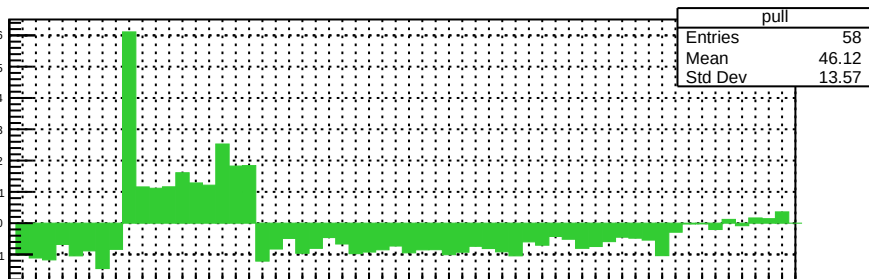
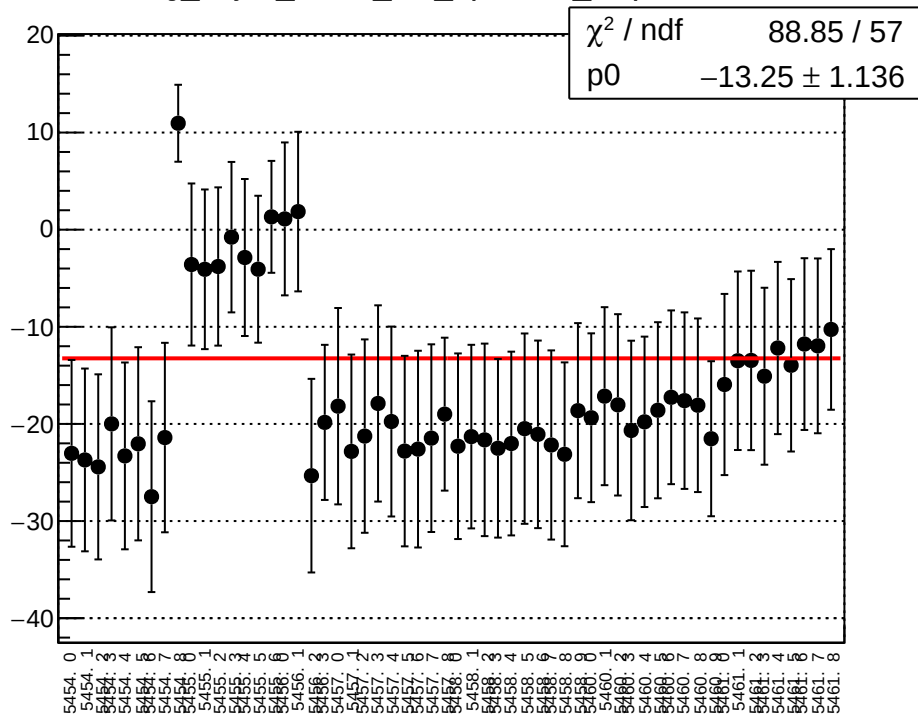
reg asym sam5 diff bpm4aY slope vs run



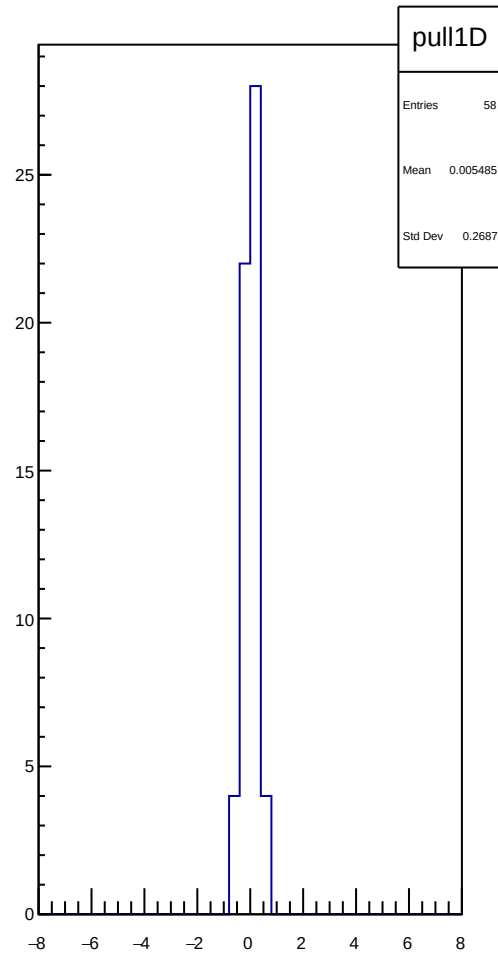
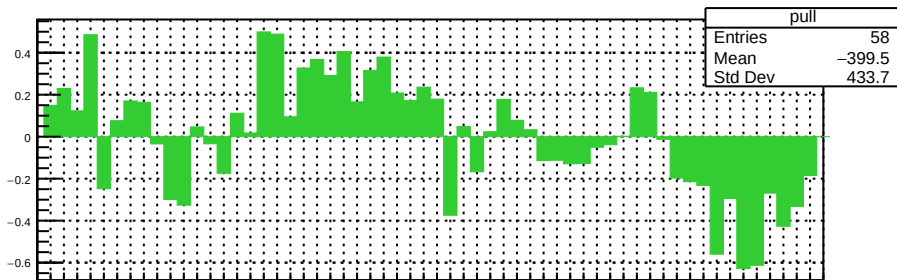
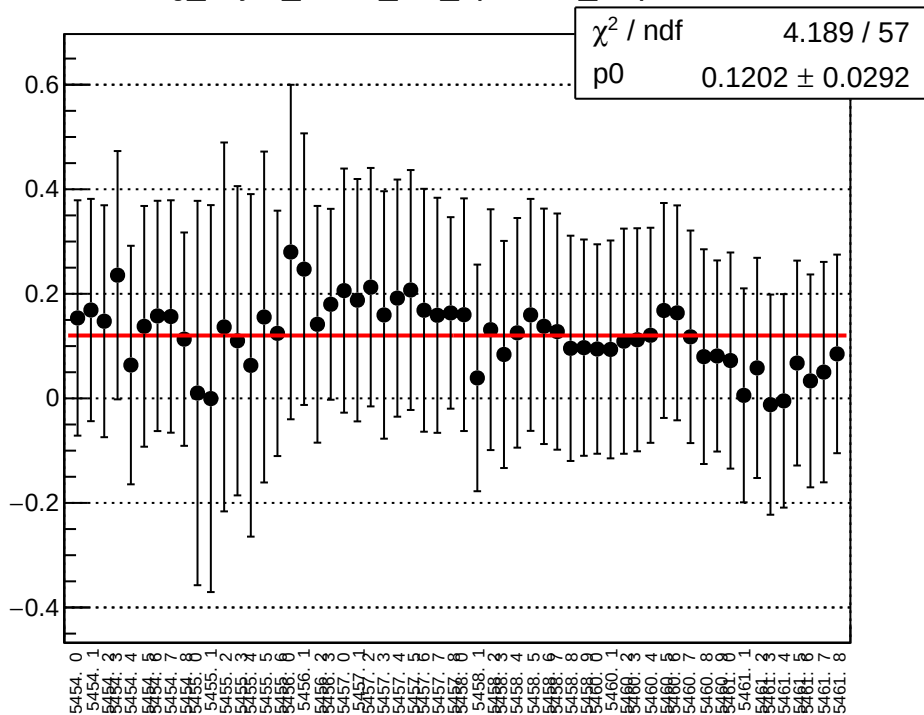
reg\_asym\_sam5\_diff\_bpm4eX\_slope vs run



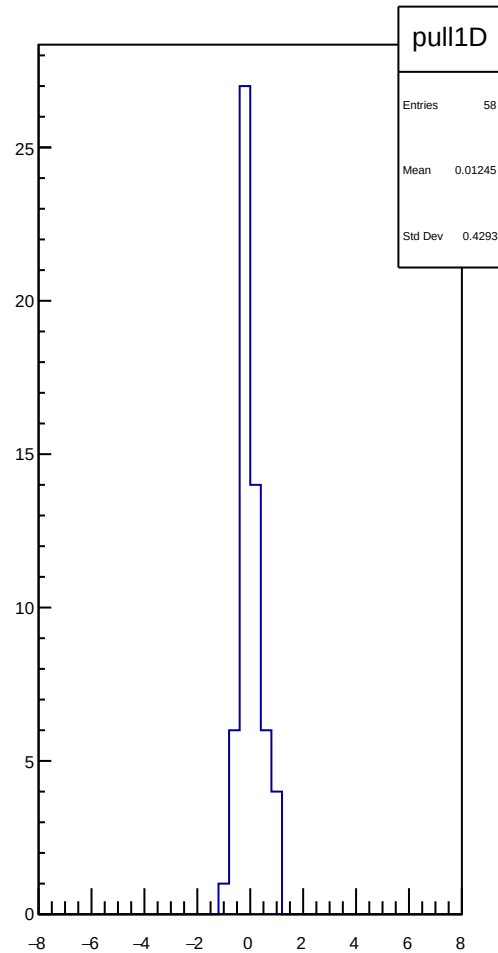
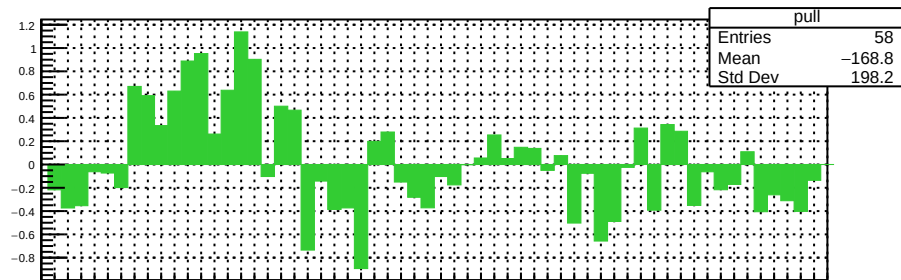
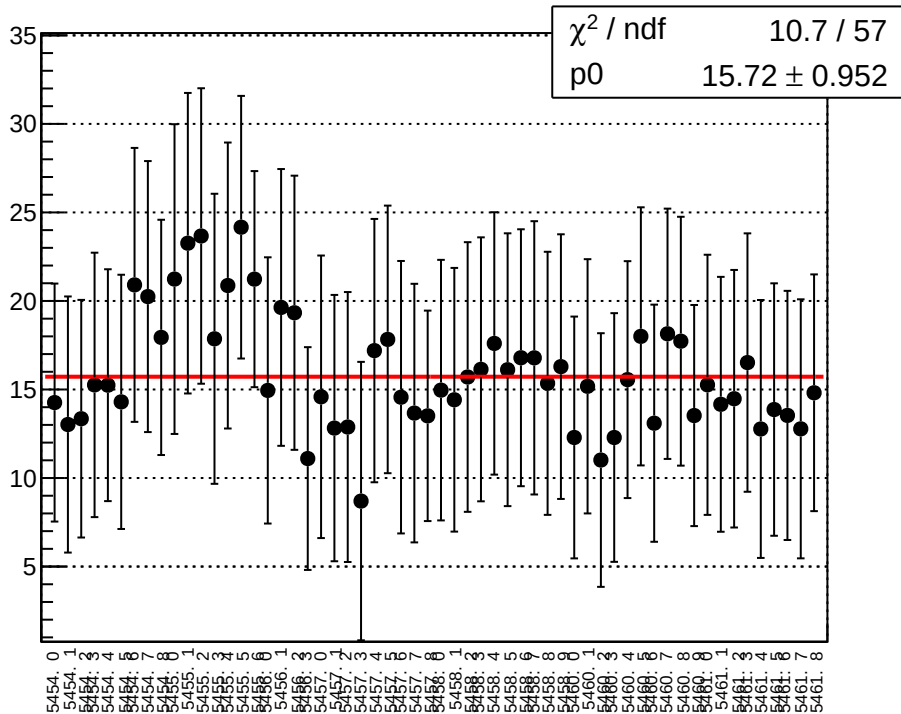
reg\_asym\_sam5\_diff\_bpm4eY\_slope vs run



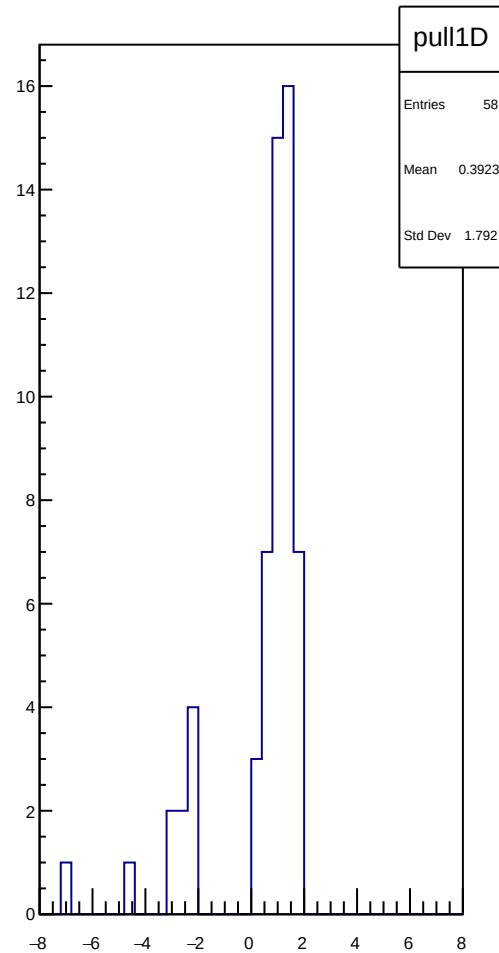
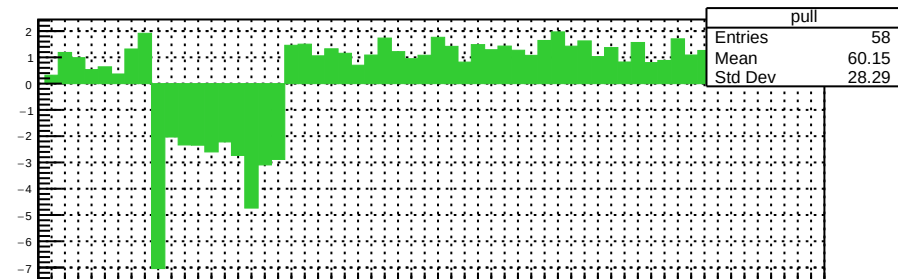
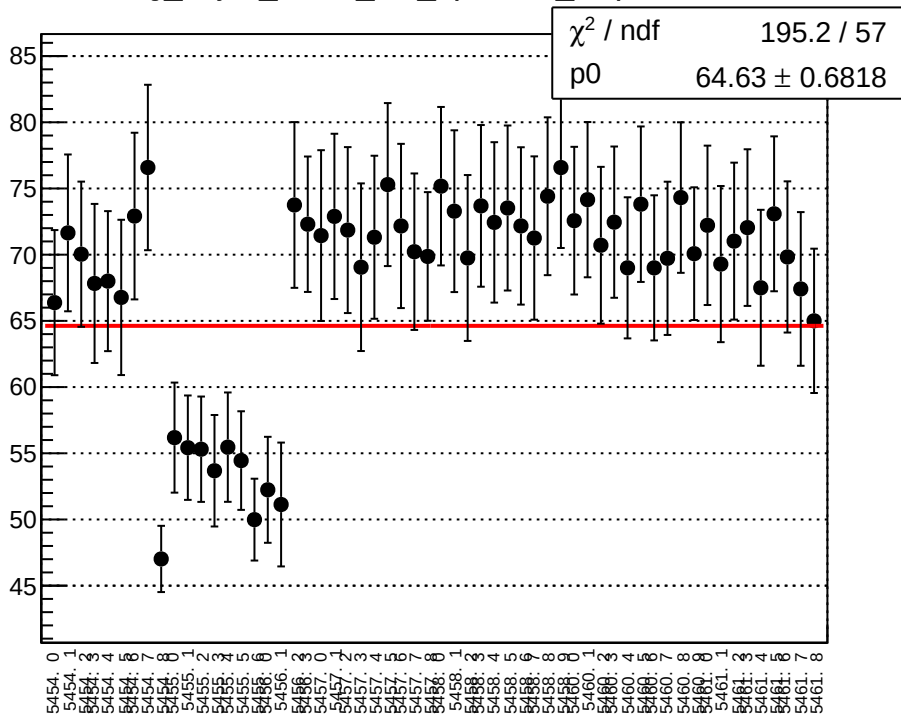
reg\_asym\_sam5\_diff\_bpm12X\_slope vs run



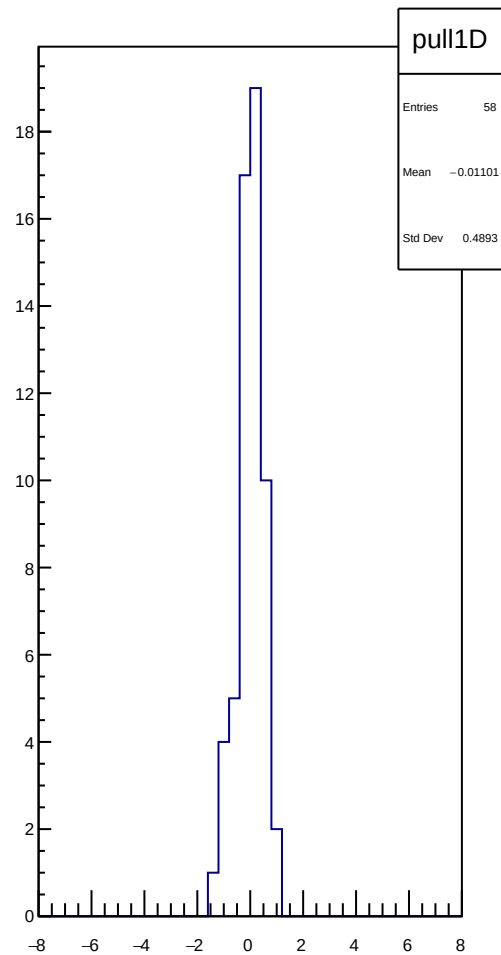
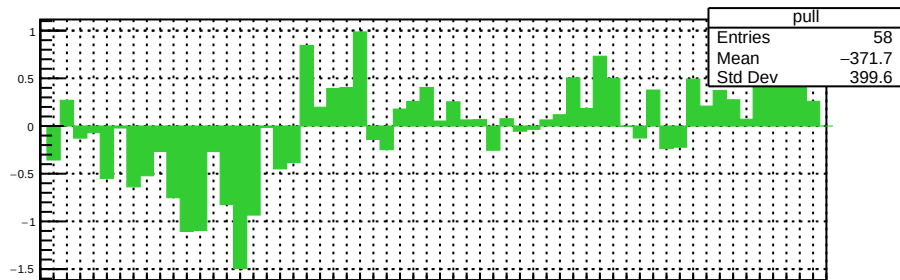
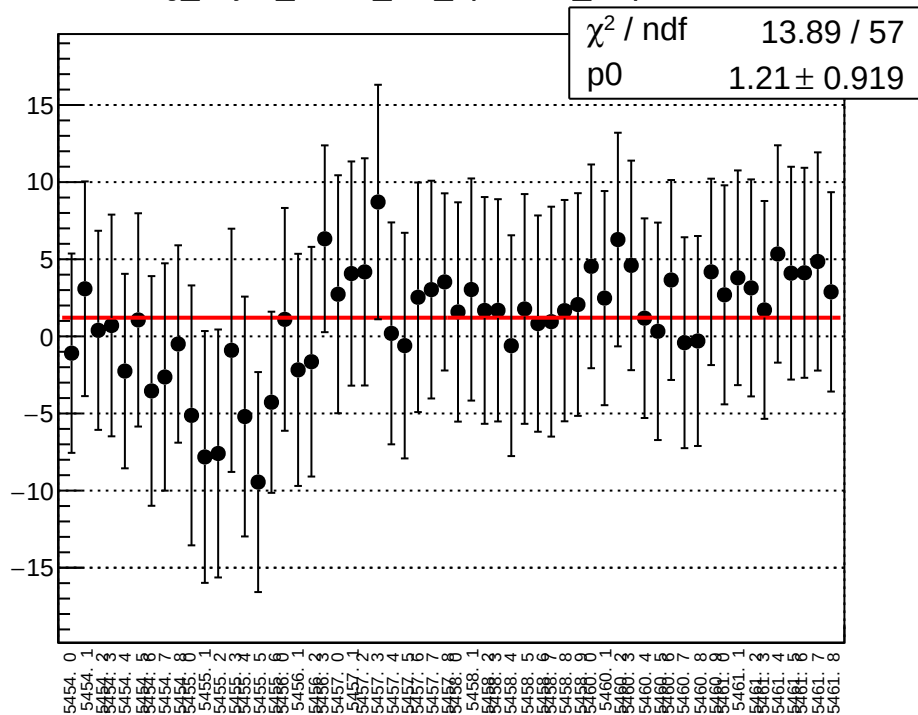
reg\_asym\_sam6\_diff\_bpm4aX\_slope vs run



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

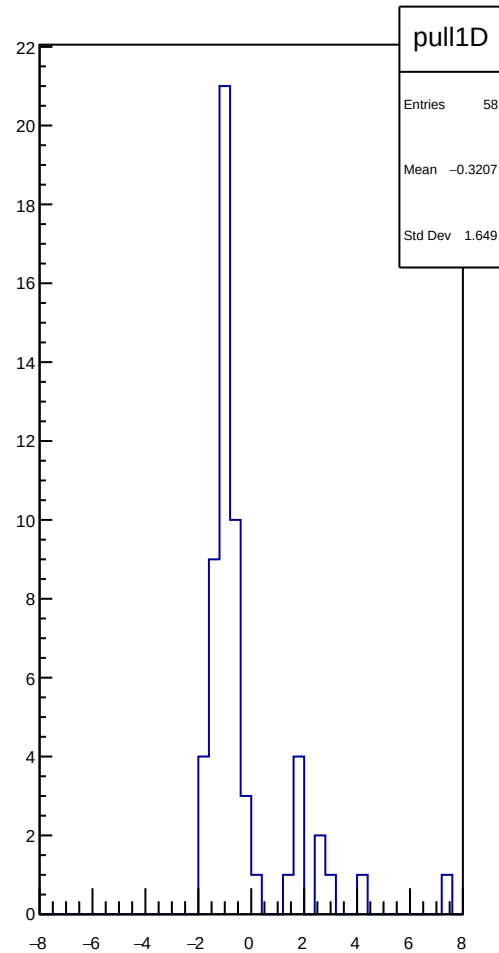
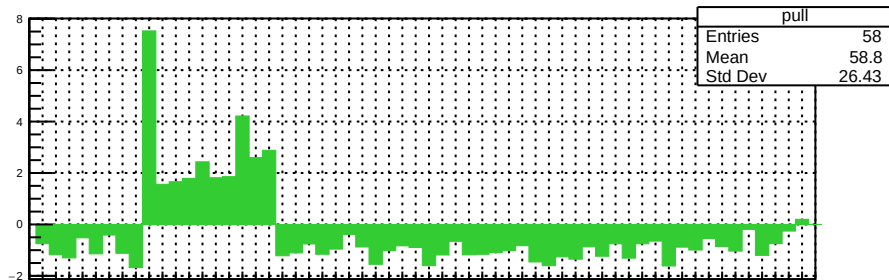
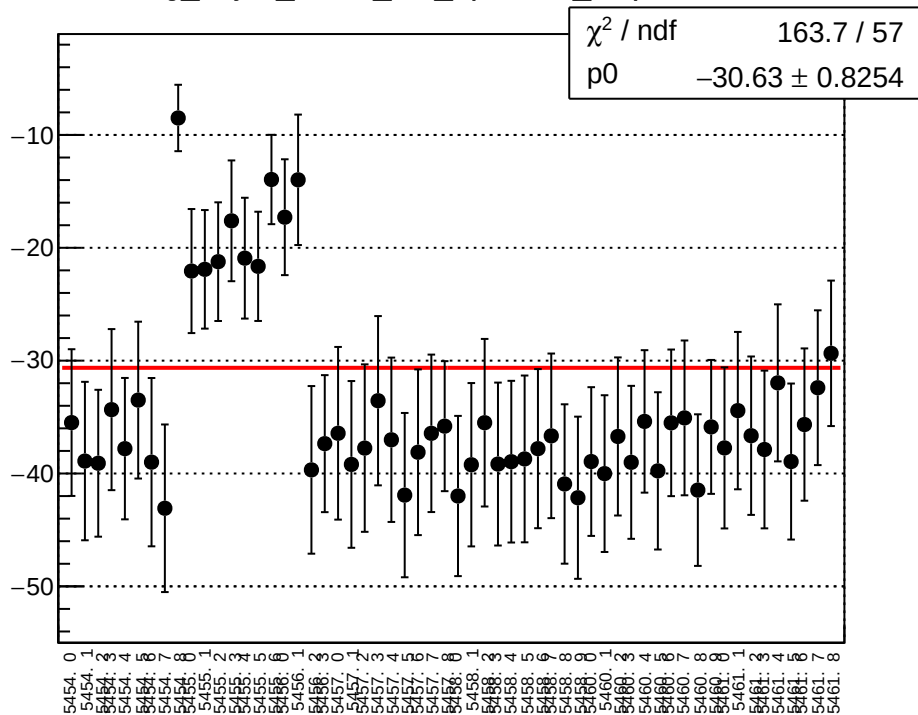


reg\_asym\_sam6\_diff\_bpm4eX\_slope vs run

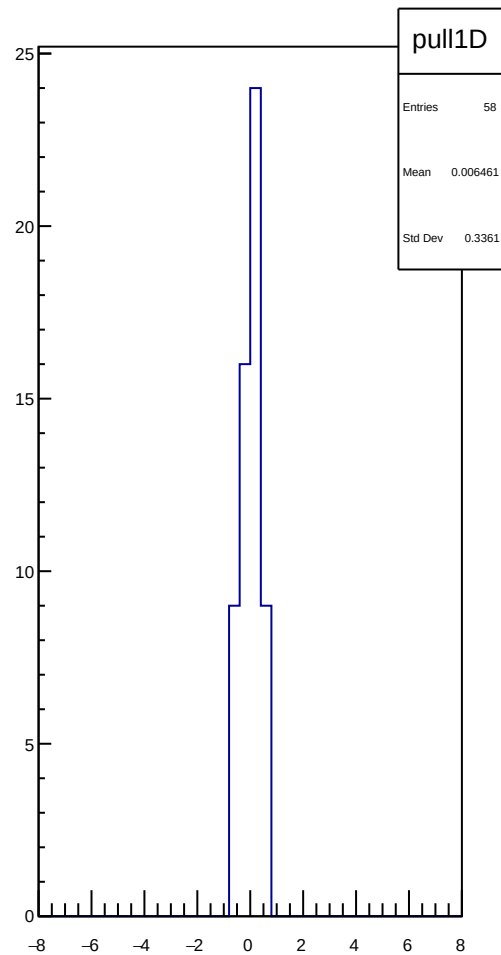
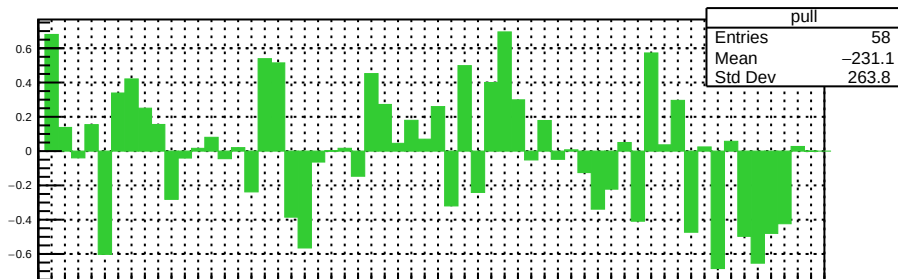
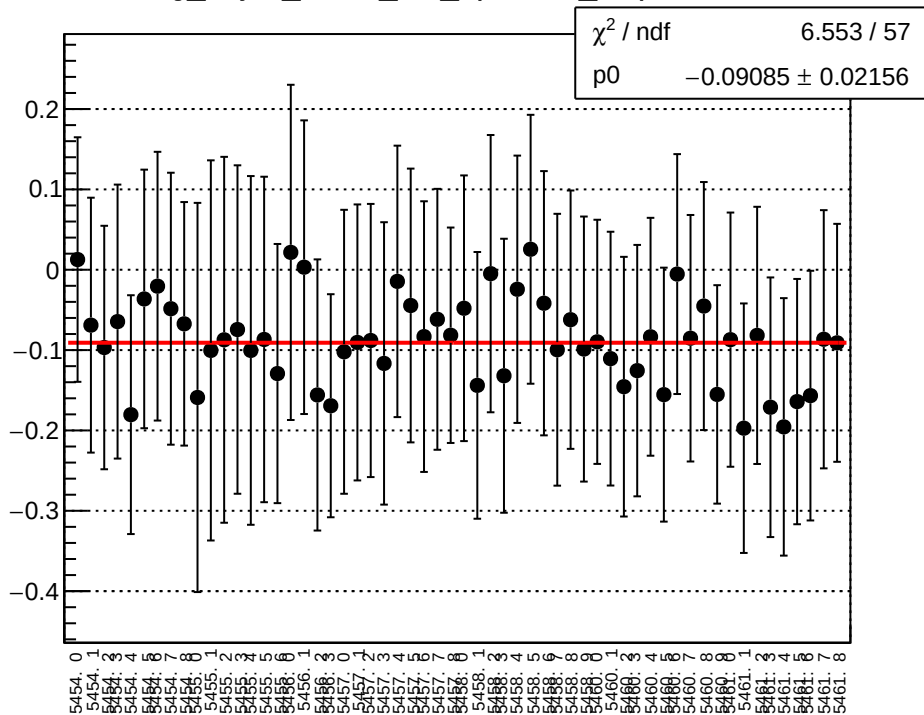




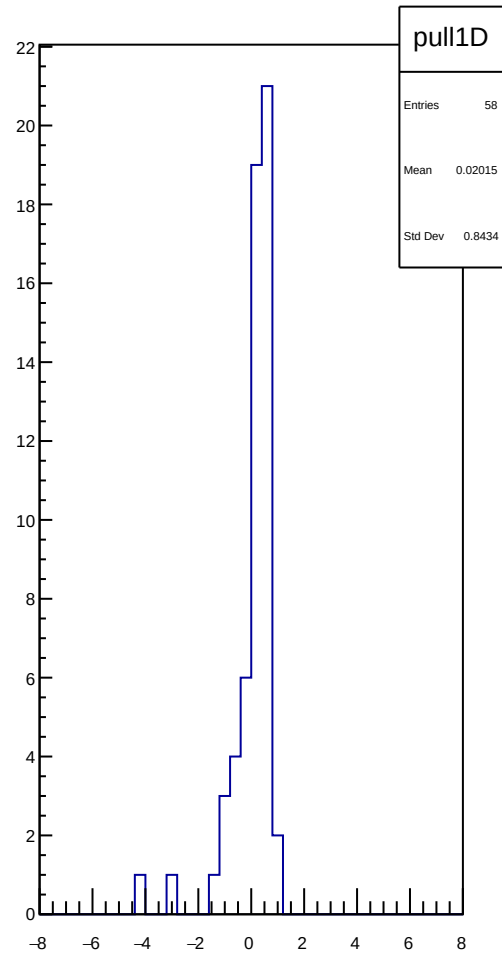
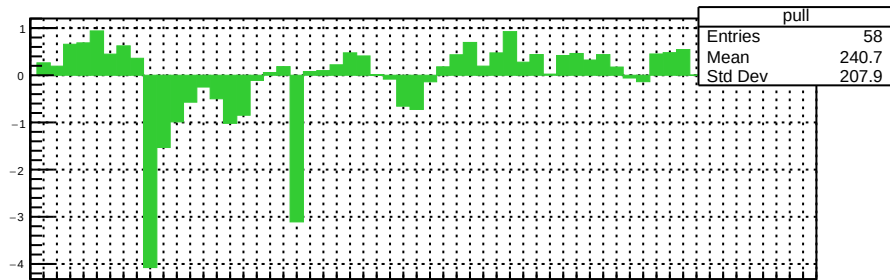
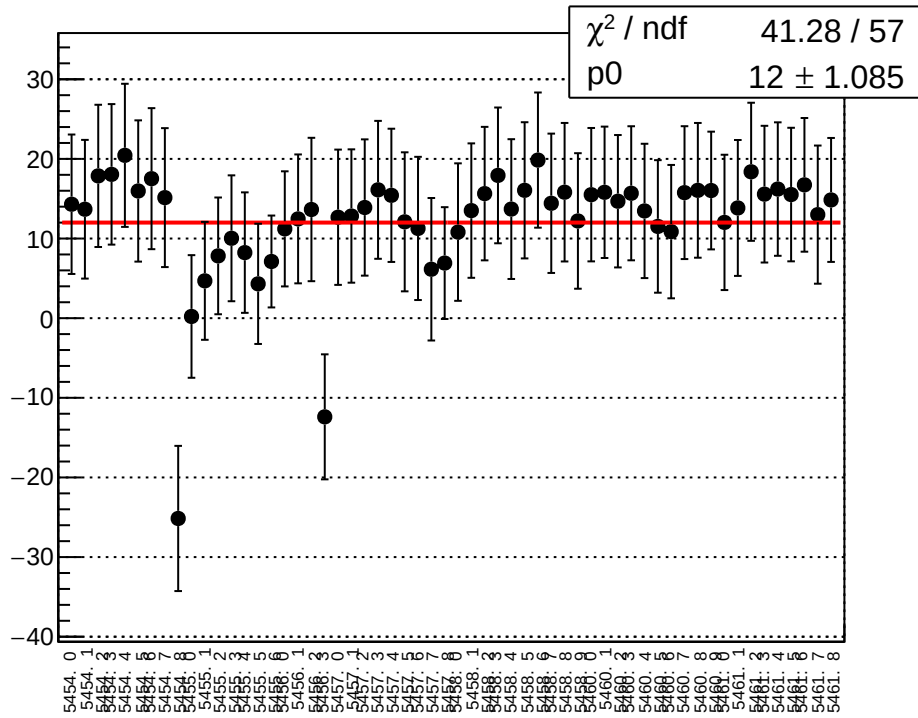
reg\_asym\_sam6\_diff\_bpm4eY\_slope vs run



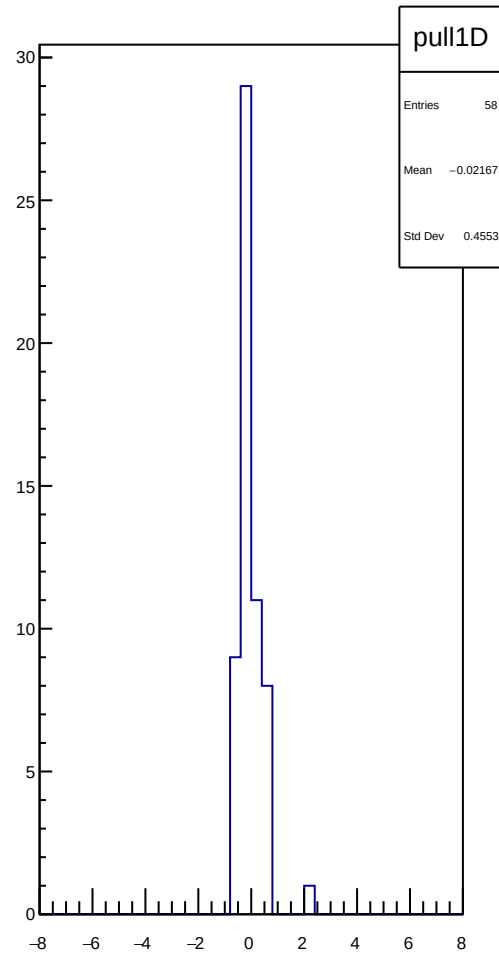
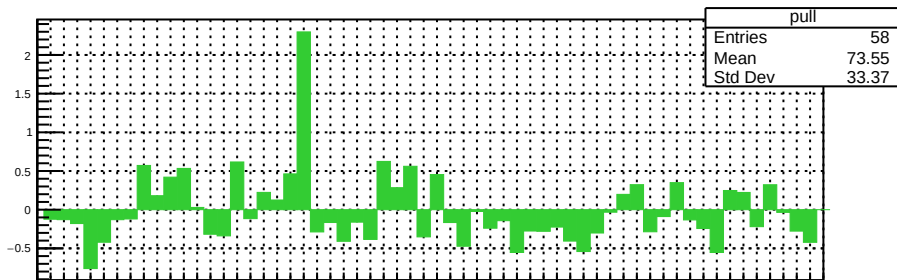
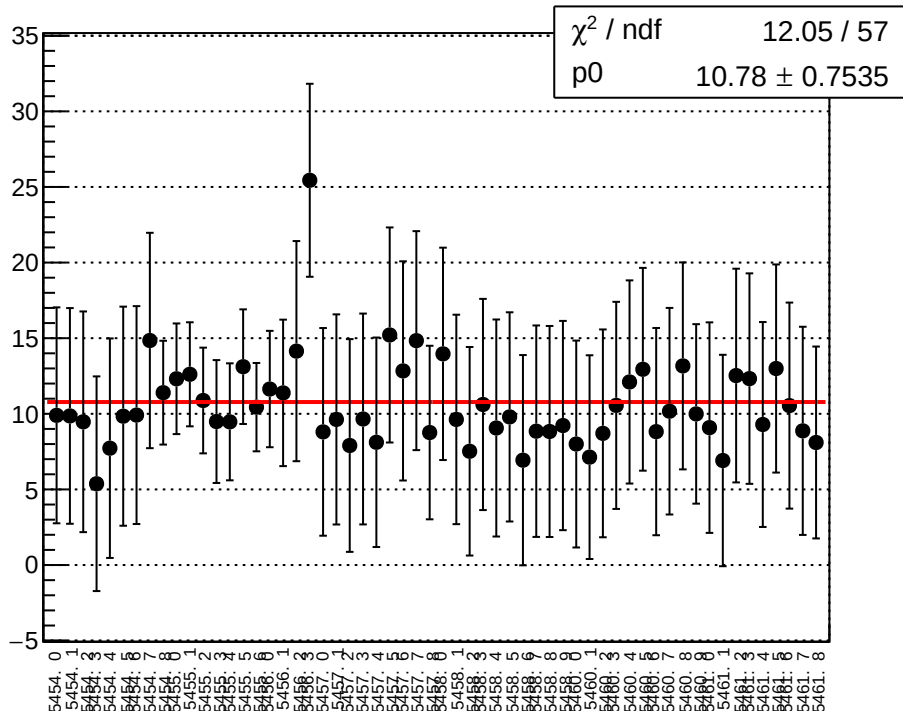
reg\_asym\_sam6\_diff\_bpm12X\_slope vs run



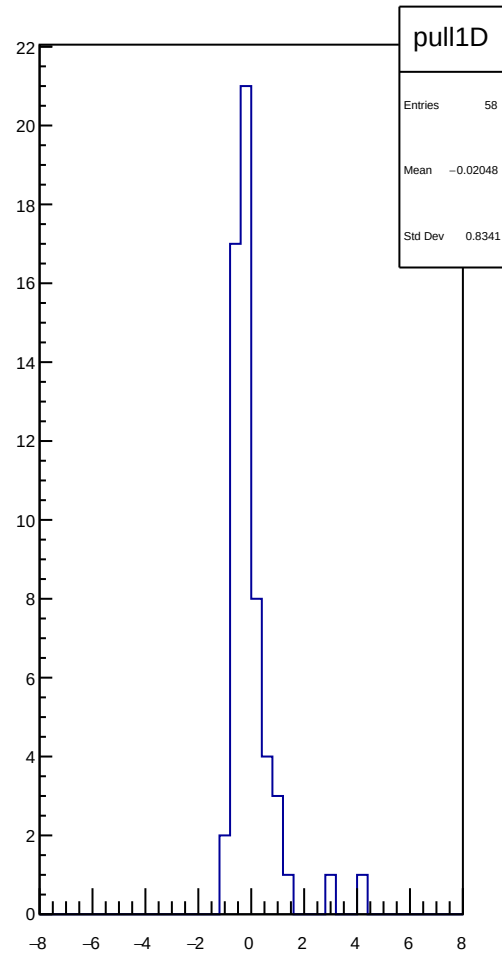
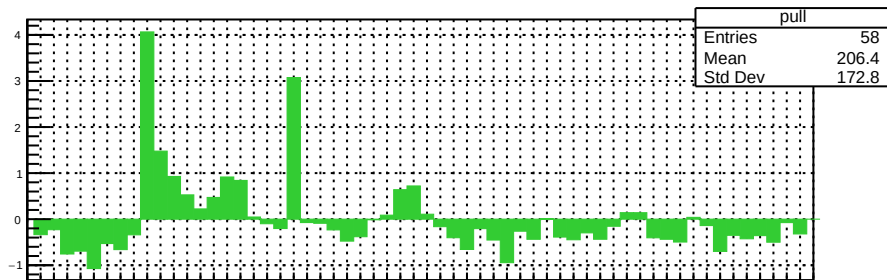
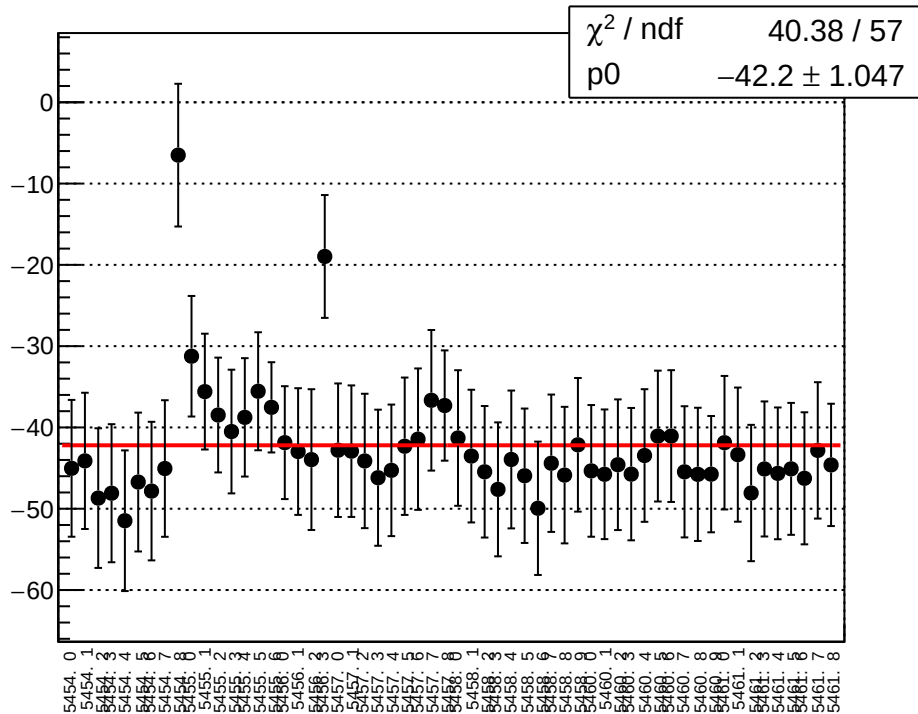
reg\_asym\_sam7\_diff\_bpm4aX\_slope vs run



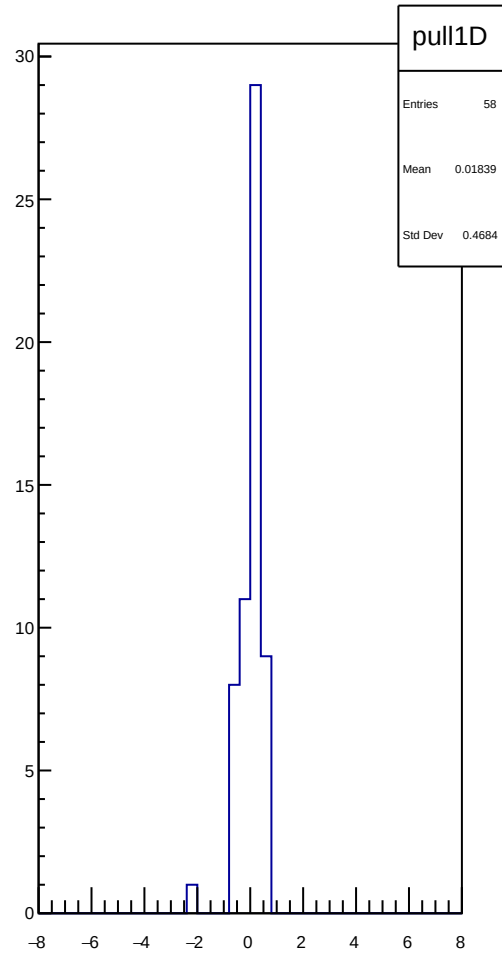
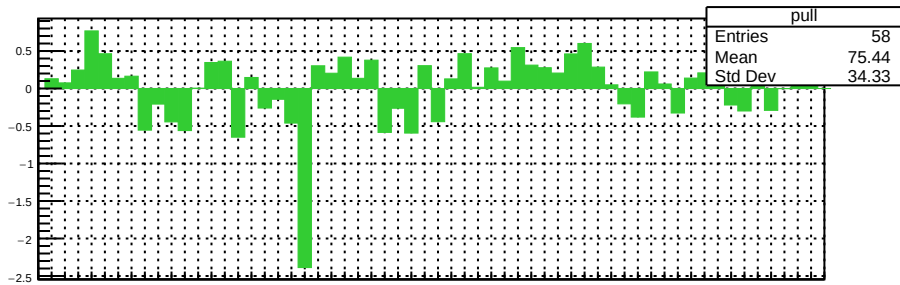
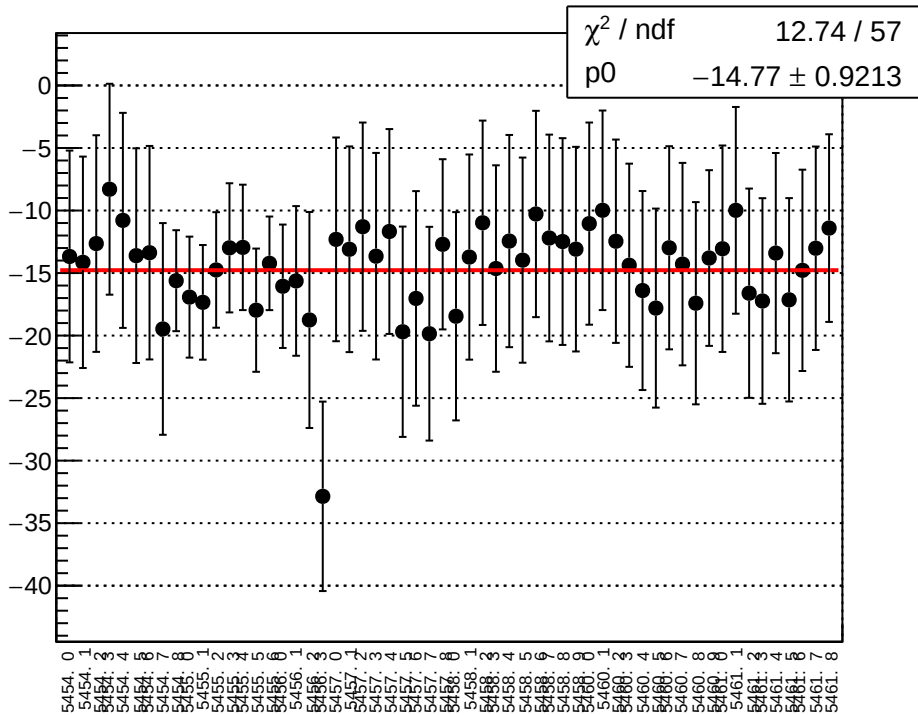
reg\_asym\_sam7\_diff\_bpm4aY\_slope vs run



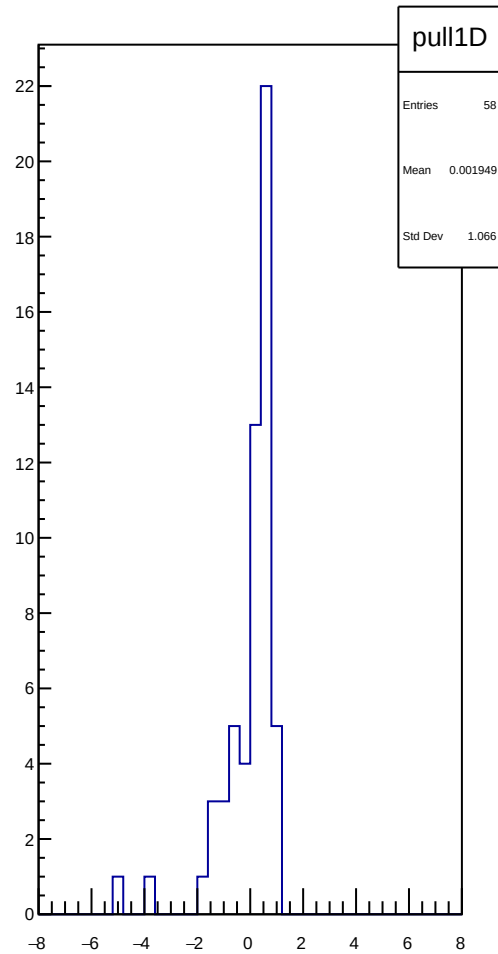
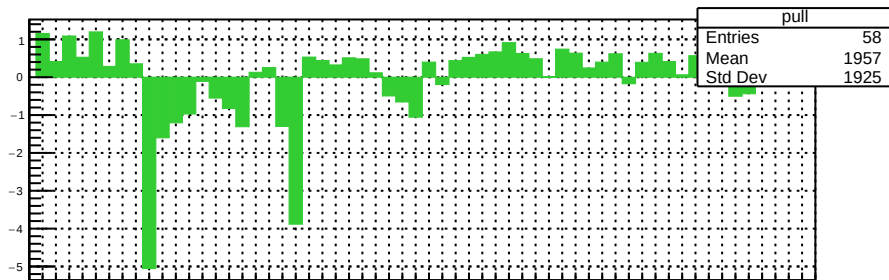
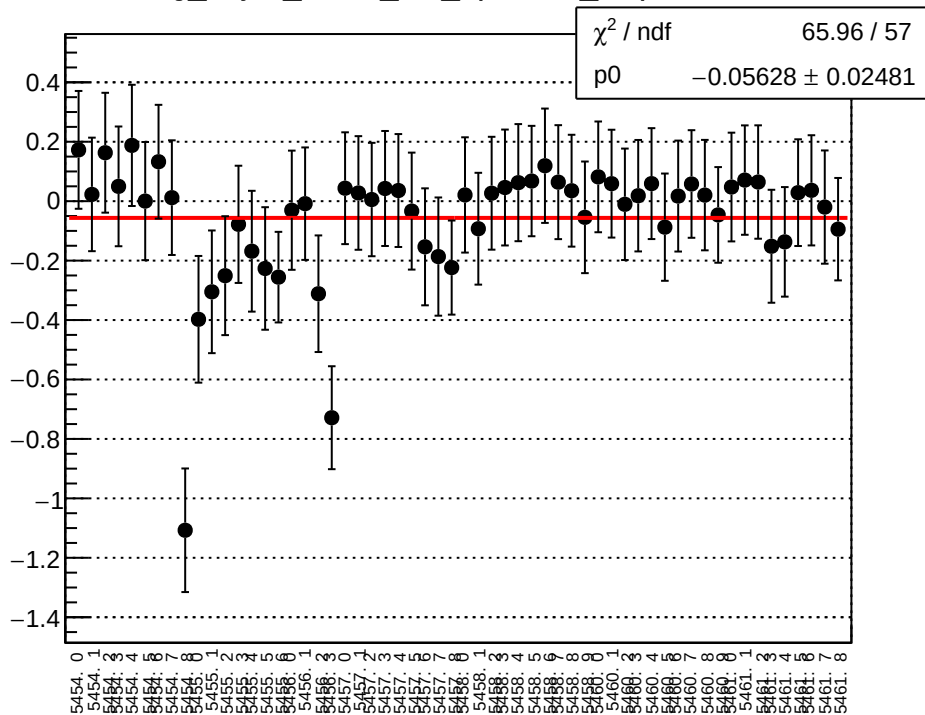
reg\_asym\_sam7\_diff\_bpm4ex\_slope vs run



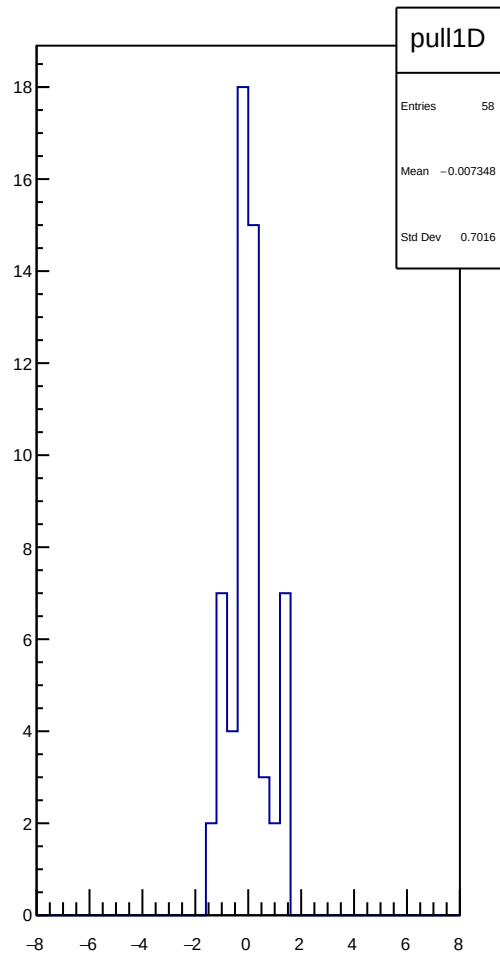
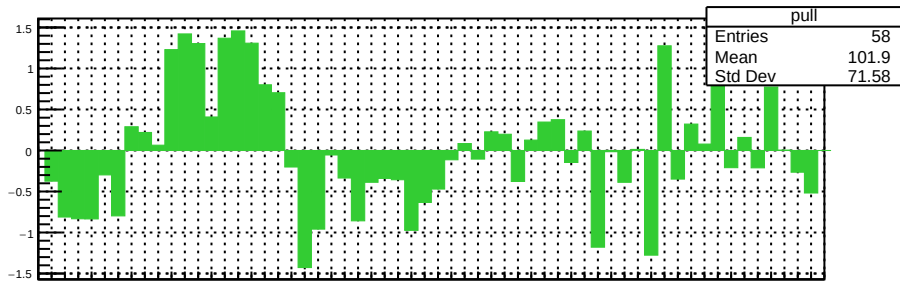
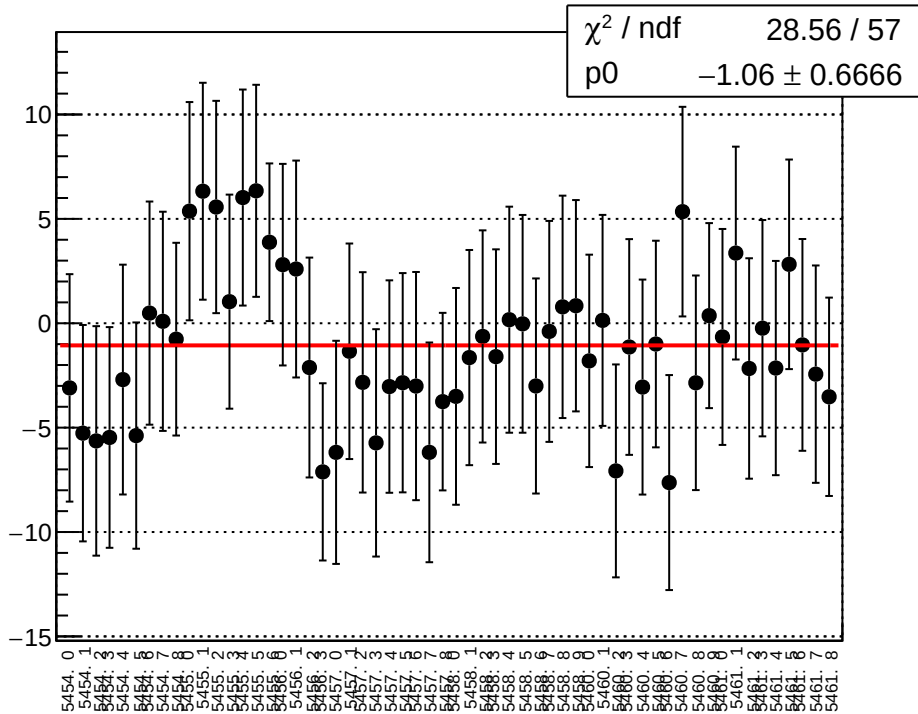
reg\_asym\_sam7\_diff\_bpm4eY\_slope vs run



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

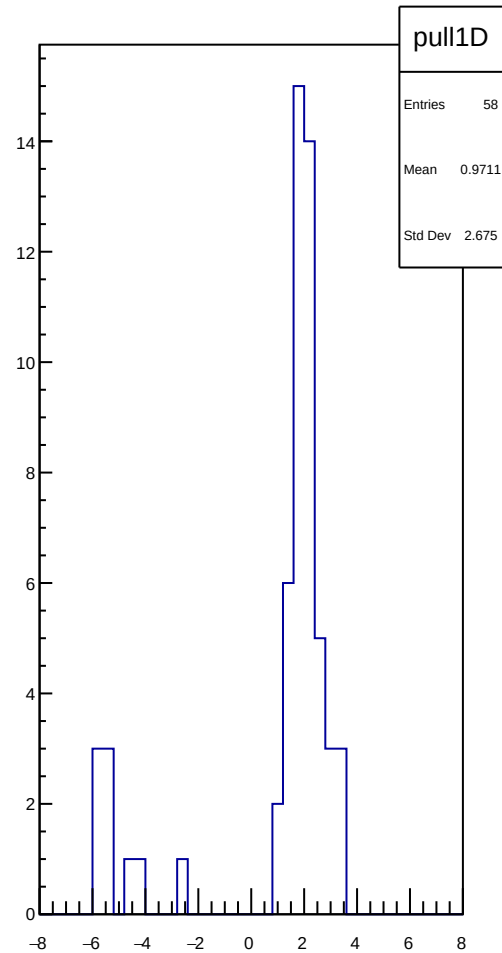
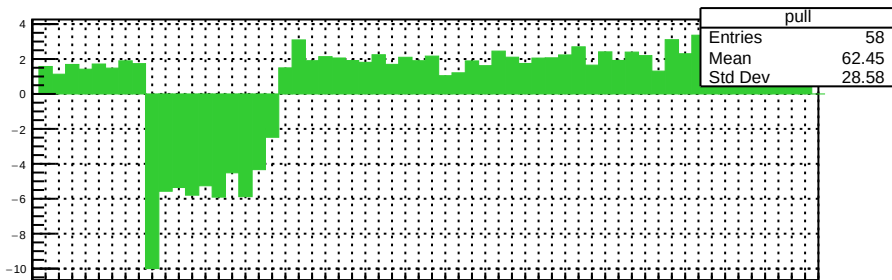
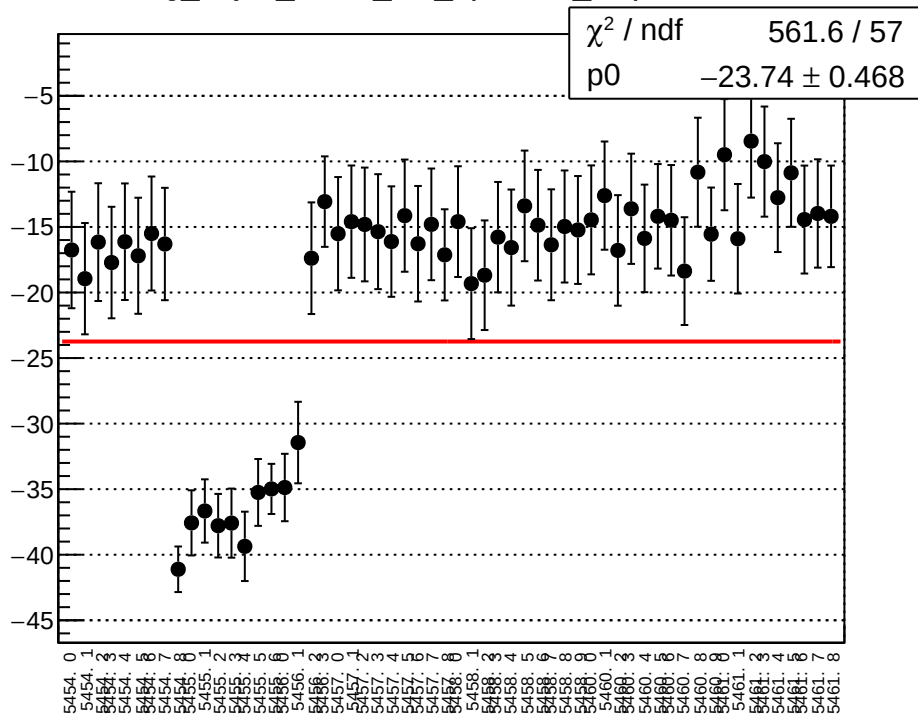


reg\_asym\_sam8\_diff\_bpm4aX\_slope vs run

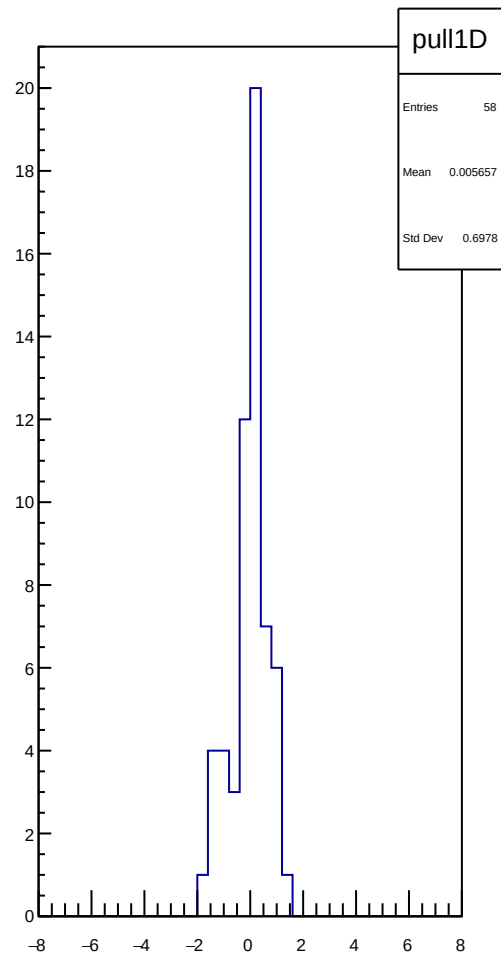
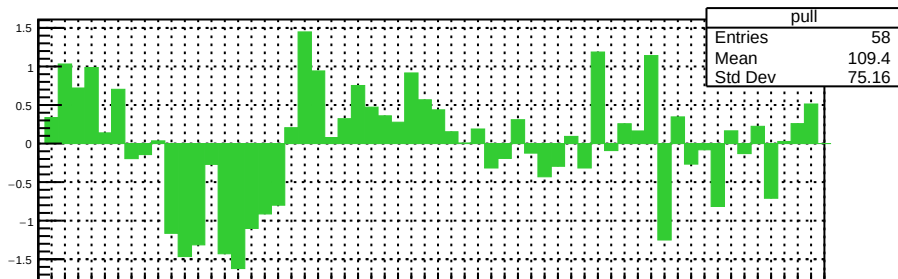
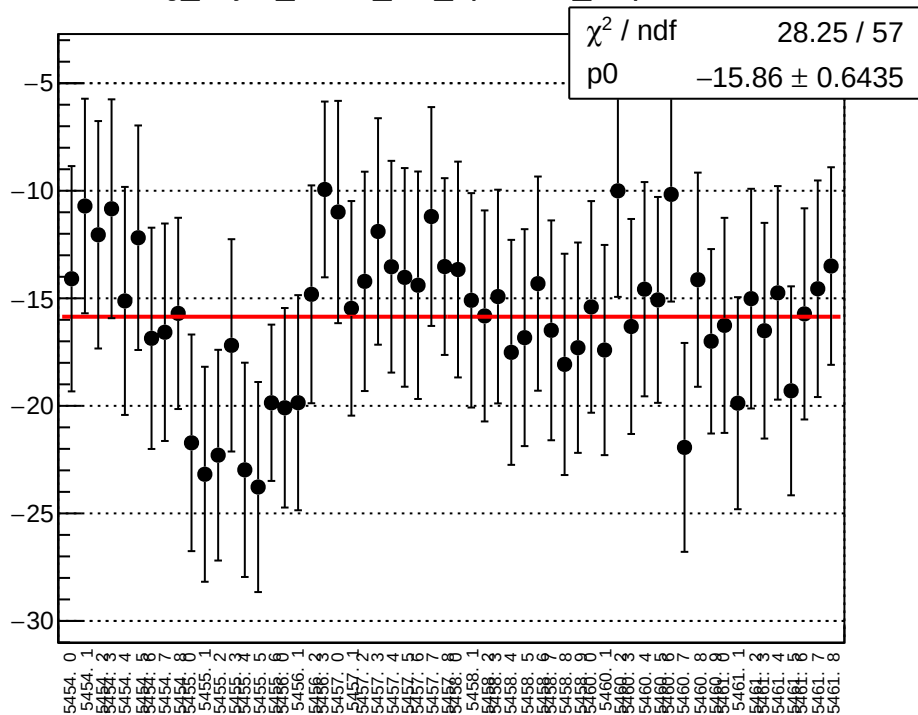




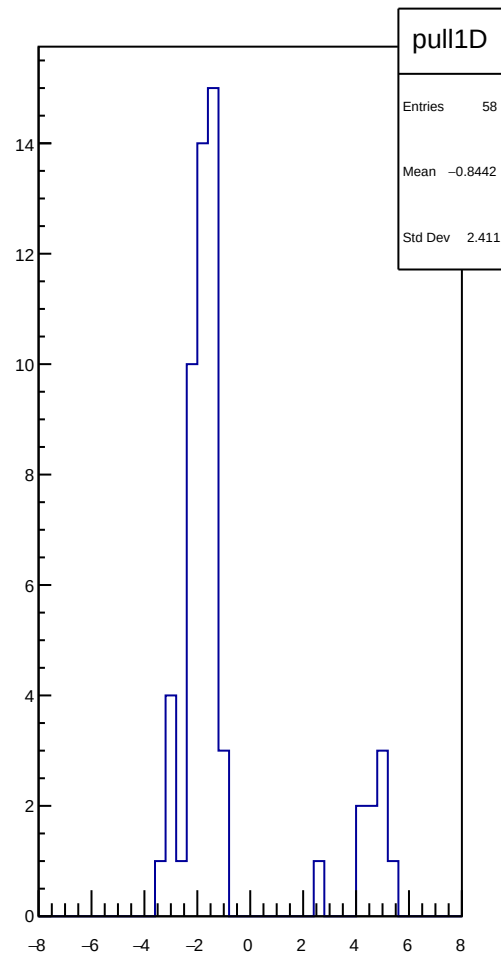
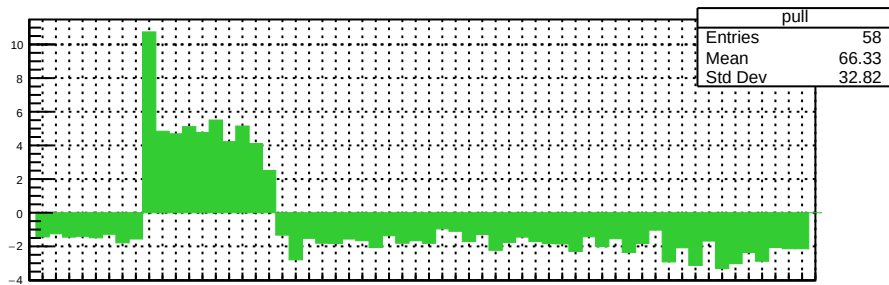
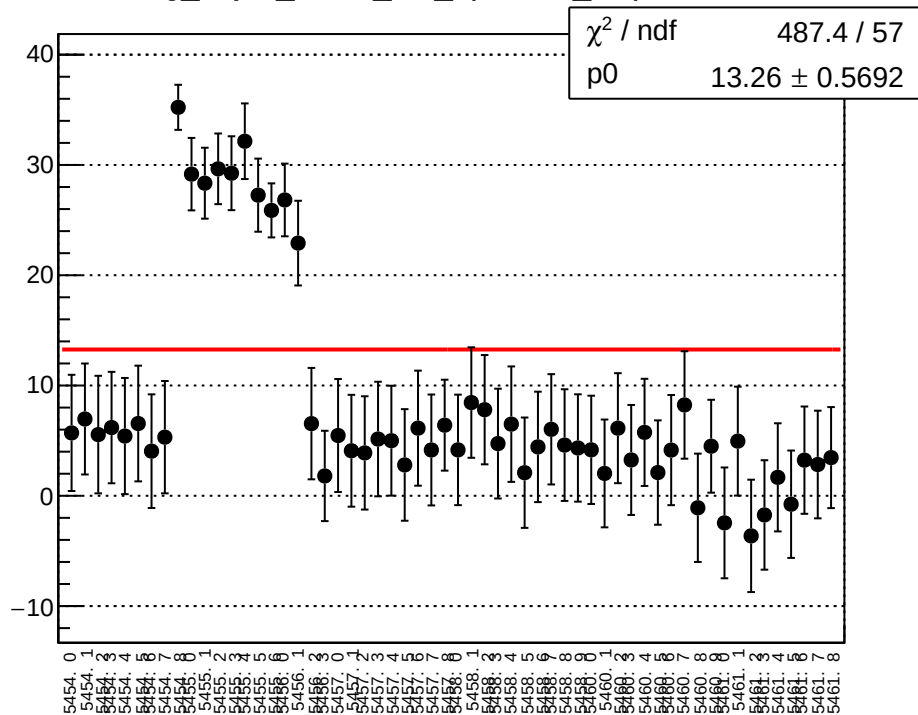
reg\_asym\_sam8\_diff\_bpm4aY\_slope vs run



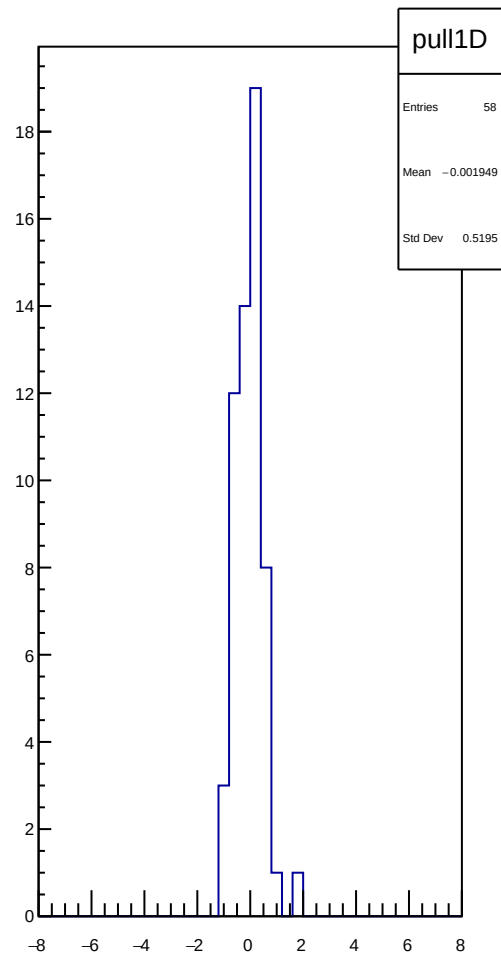
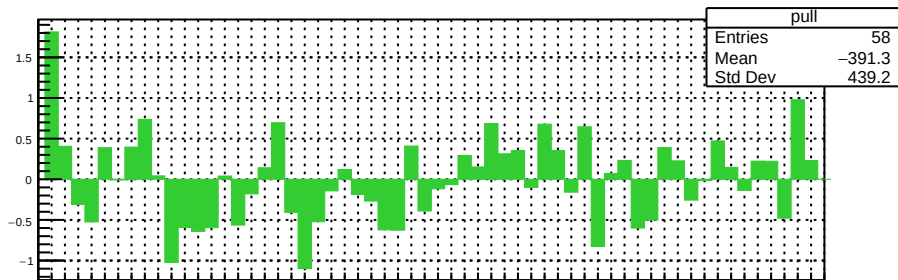
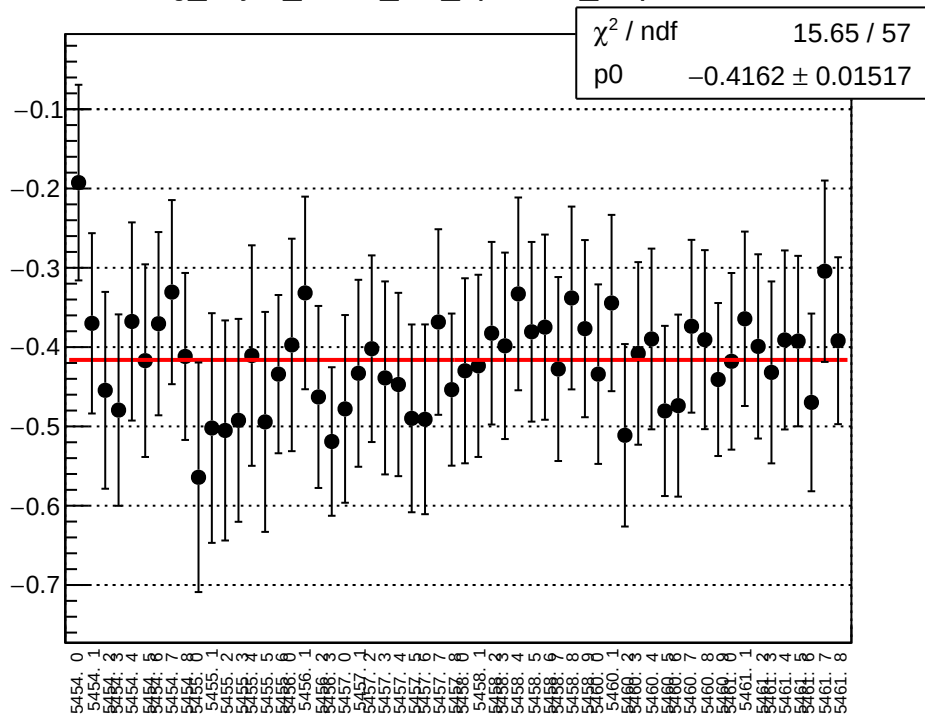
reg\_asym\_sam8\_diff\_bpm4eX\_slope vs run



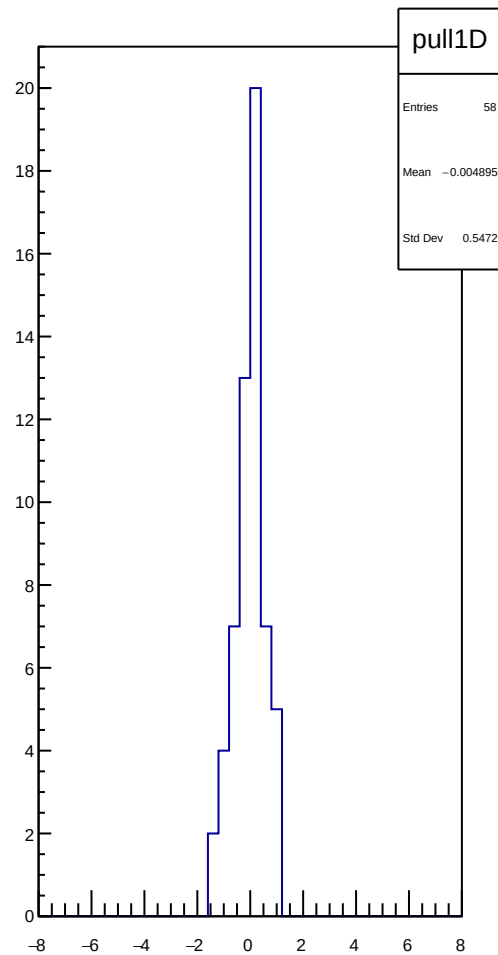
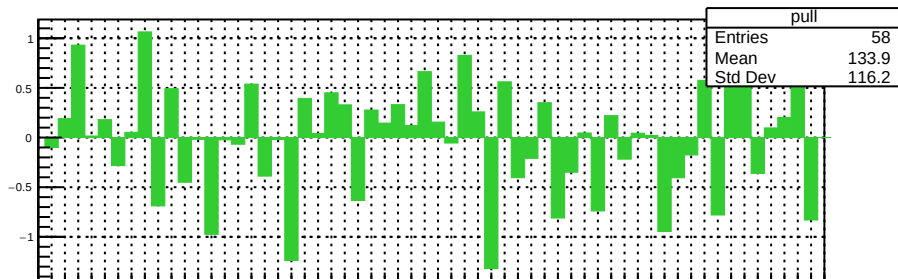
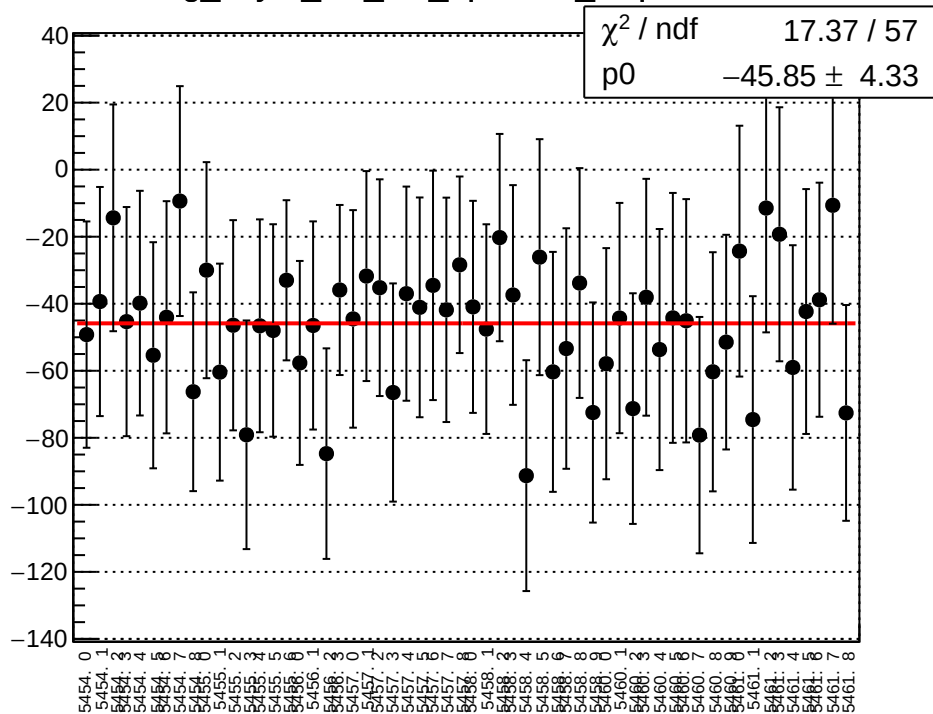
reg\_asym\_sam8\_diff\_bpm4eY\_slope vs run



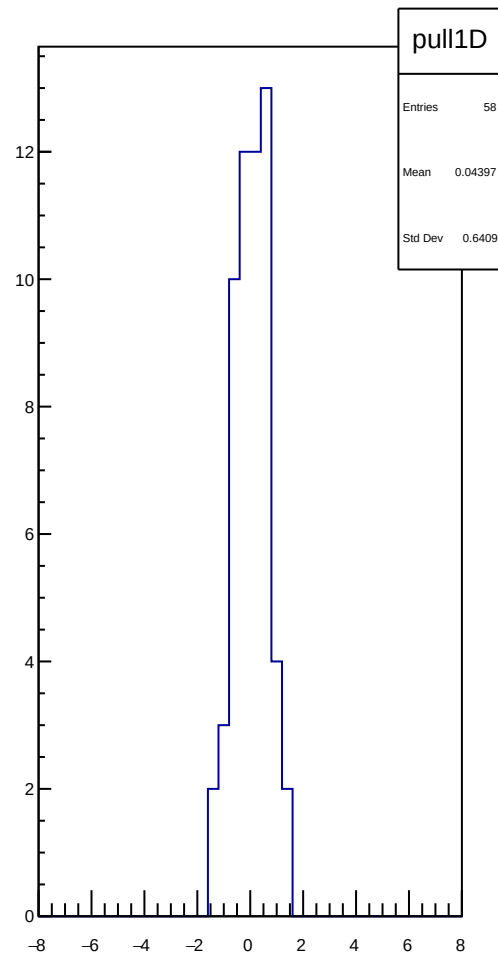
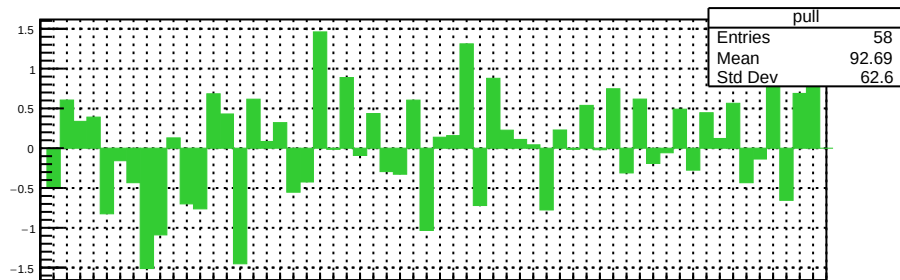
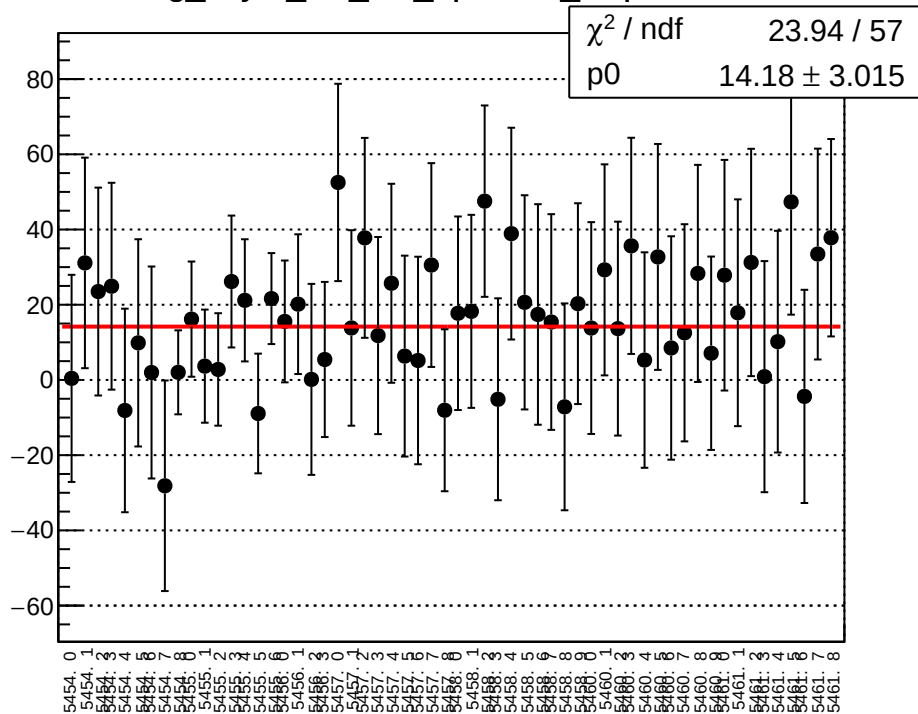
reg\_asym\_sam8\_diff\_bpm12X\_slope vs run



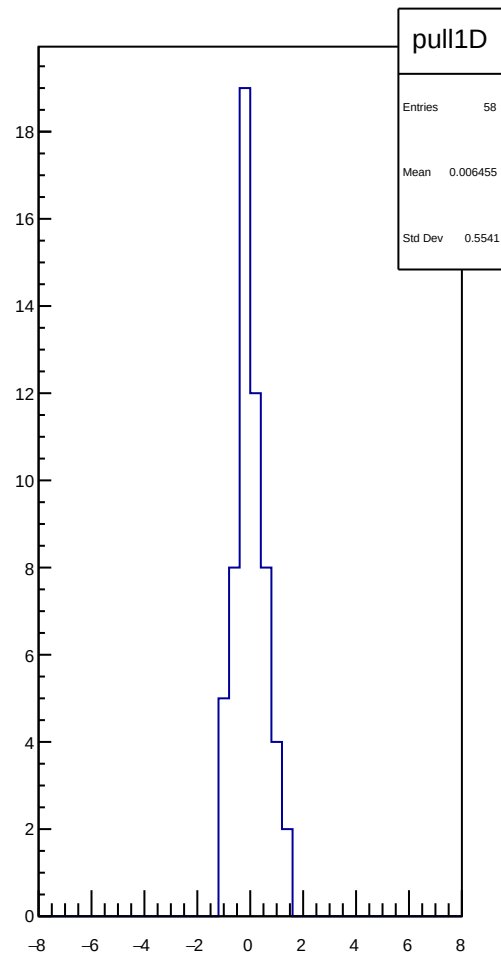
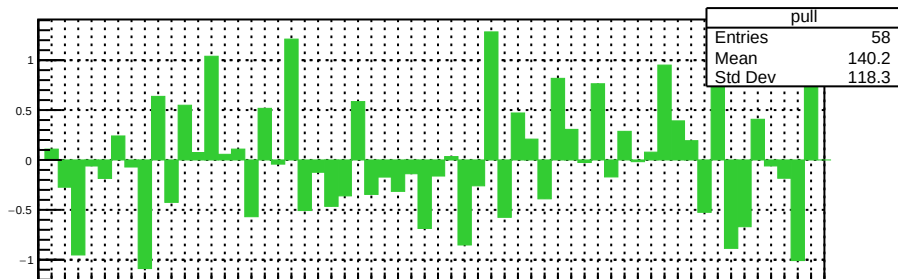
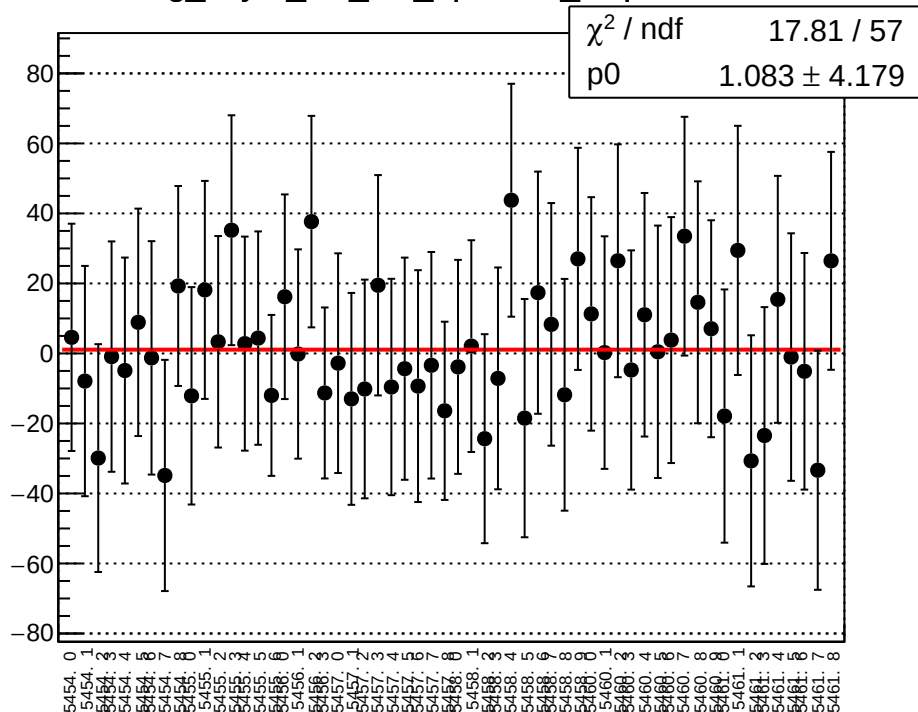
reg\_asym\_usl\_diff\_bpm4aX\_slope vs run



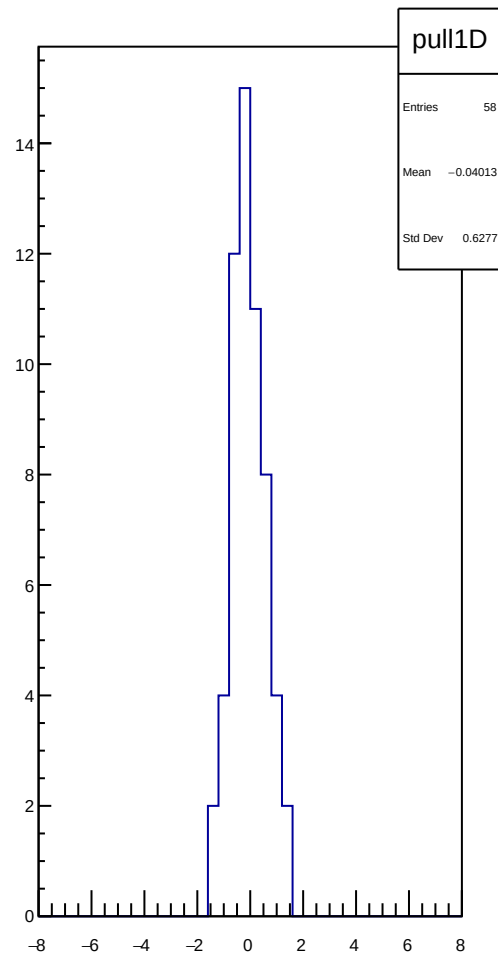
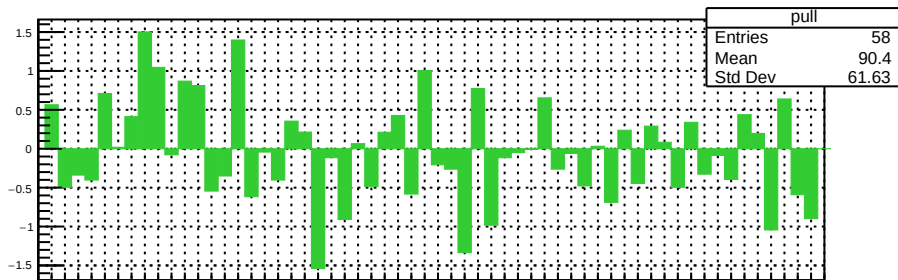
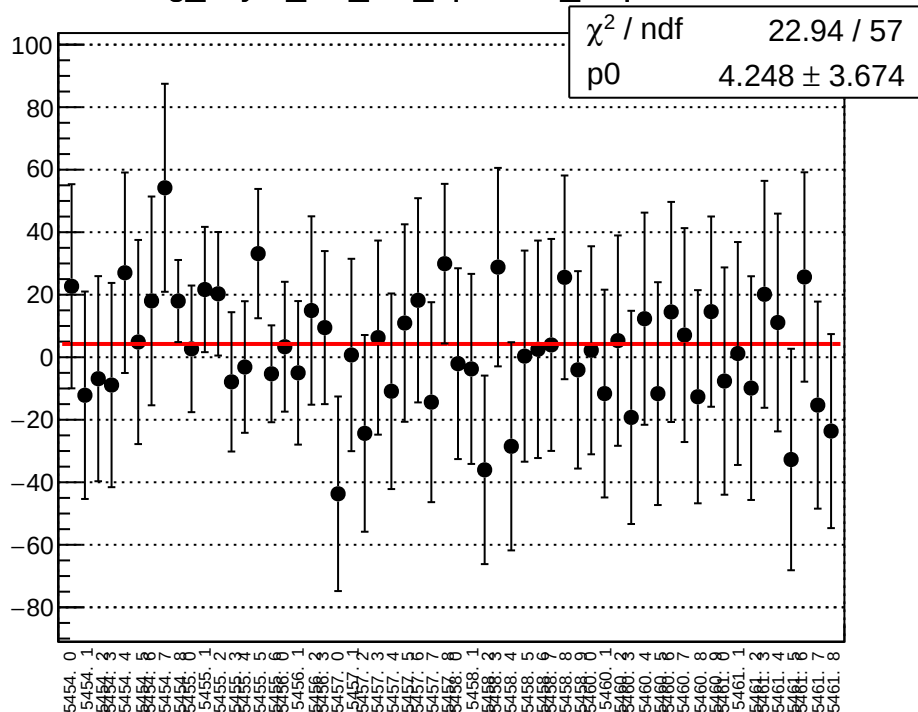
reg\_asym\_usl\_diff\_bpm4aY\_slope vs run



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

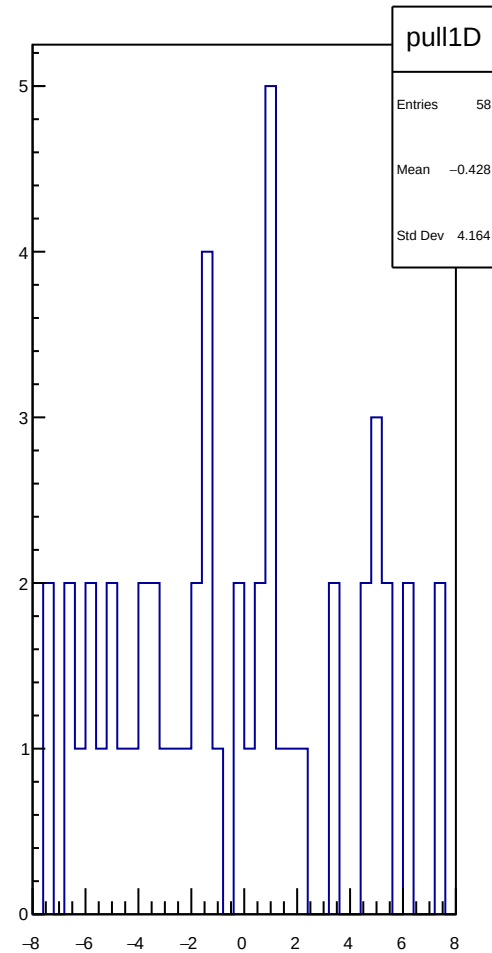
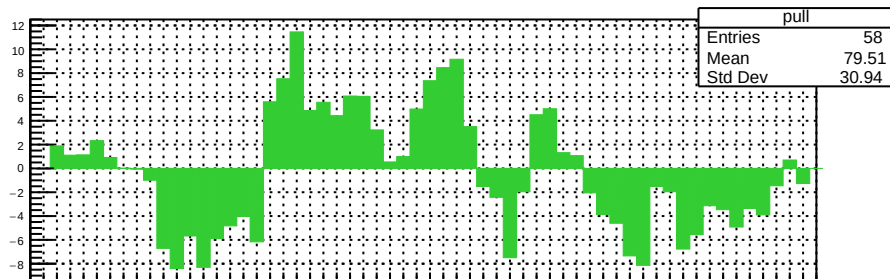
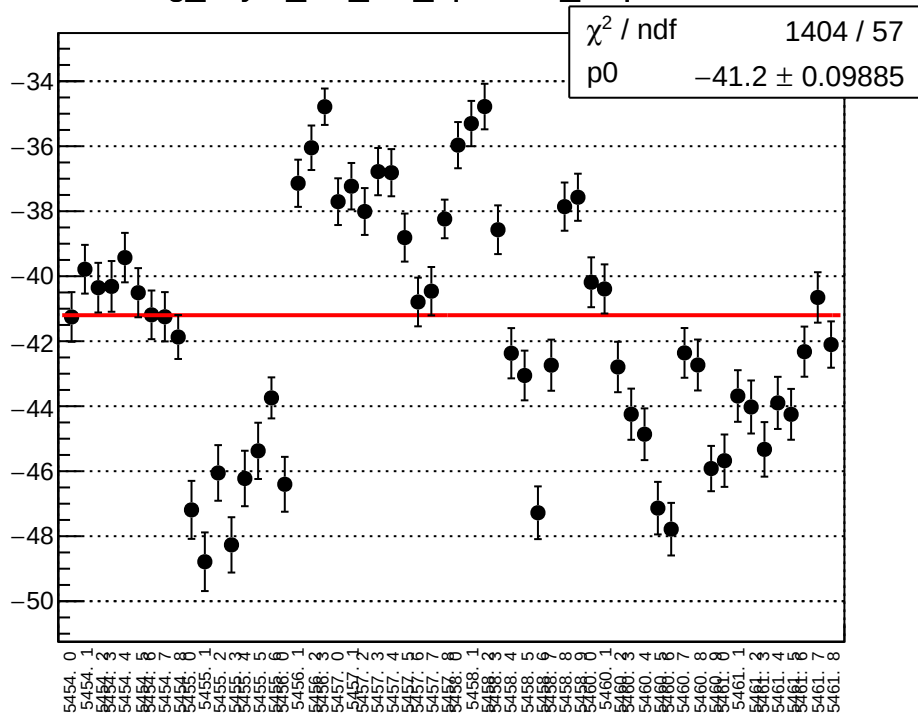


# reg\_asym\_usl\_diff\_bpm4eY\_slope vs run

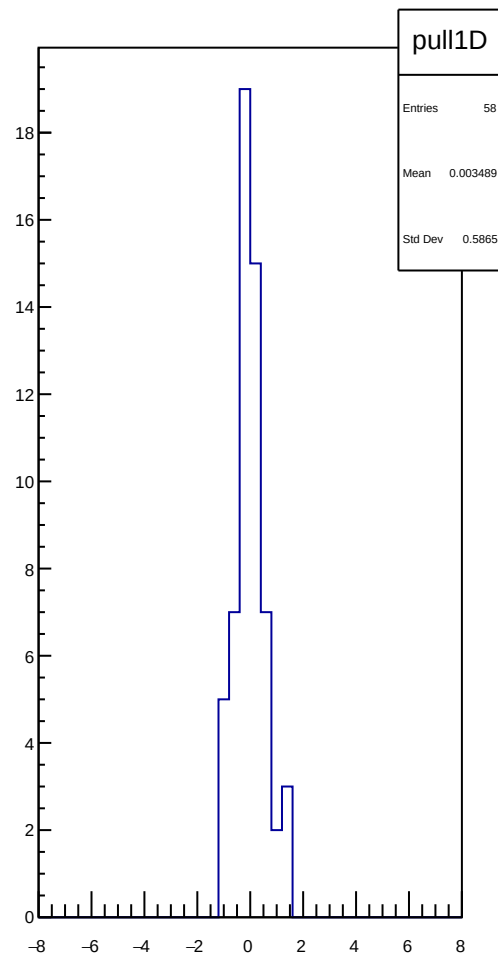
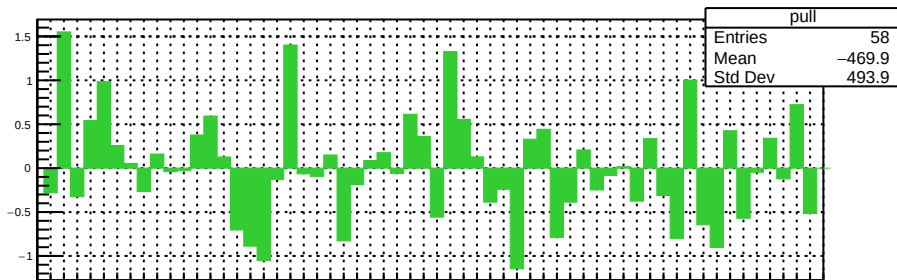
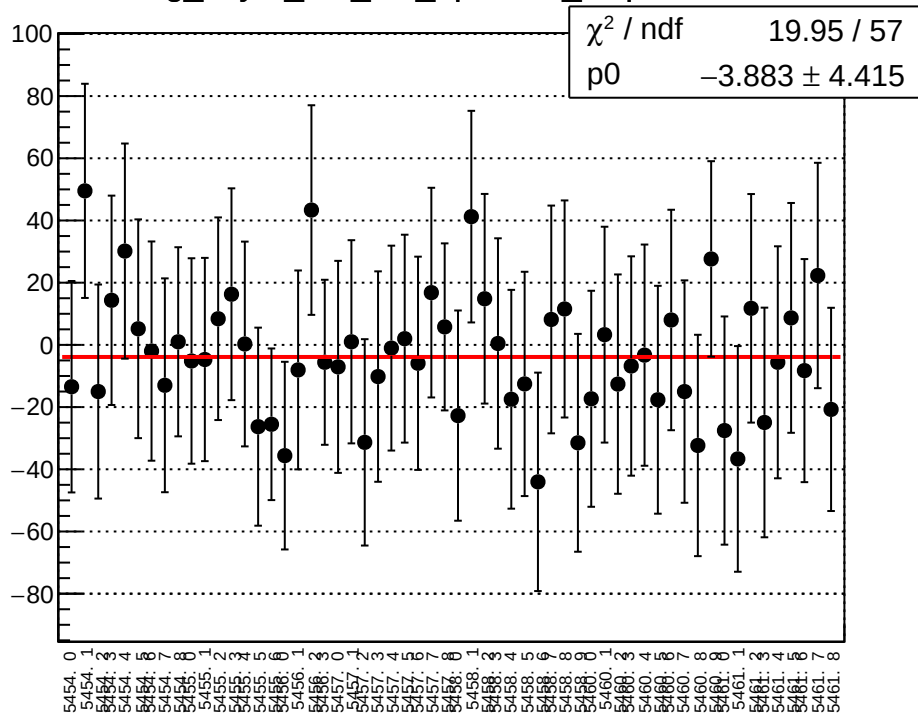




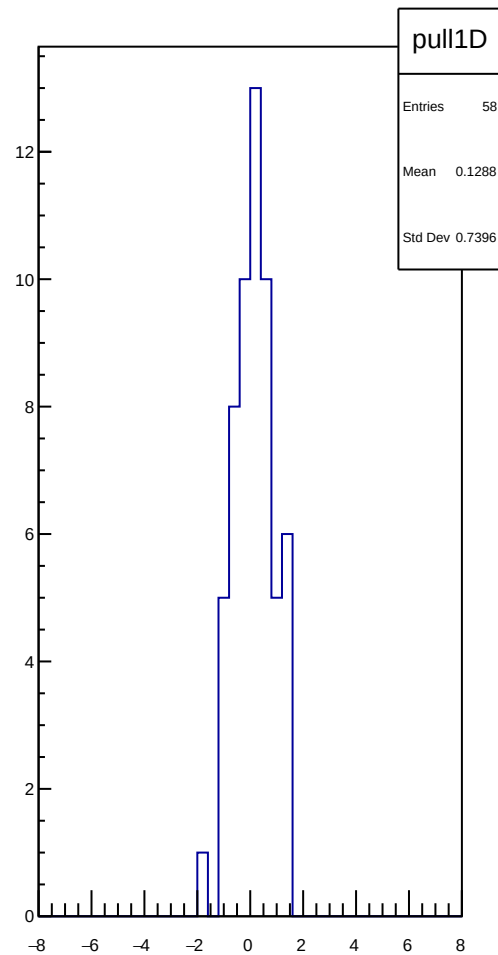
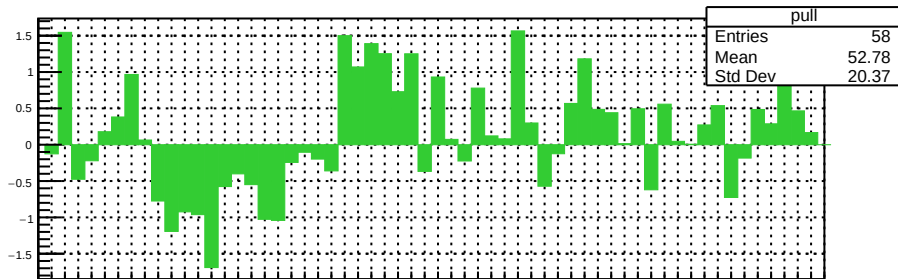
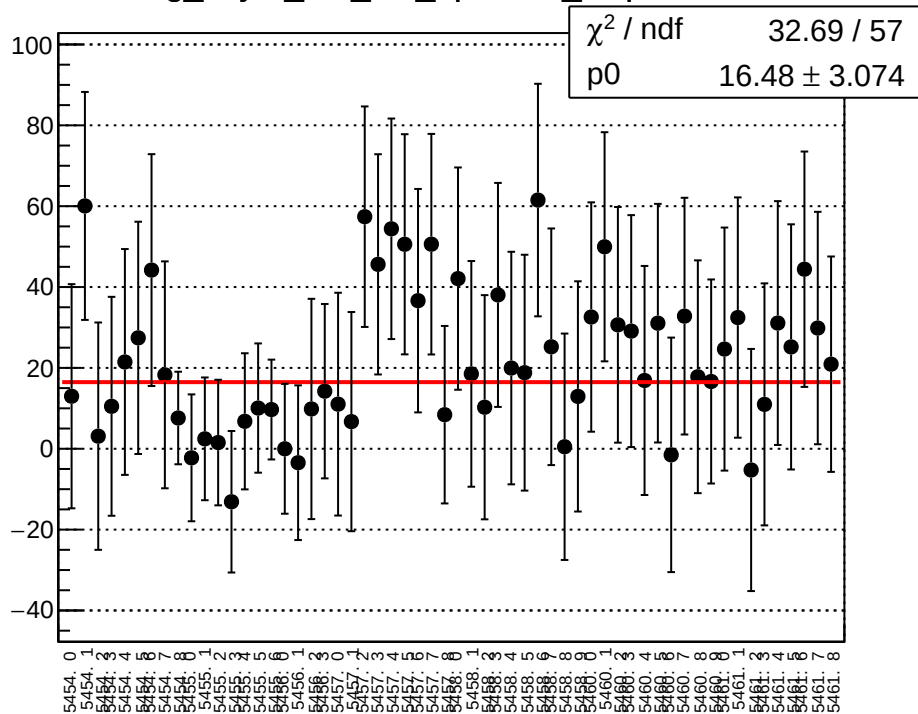
reg\_asym\_usl\_diff\_bpm12X\_slope vs run



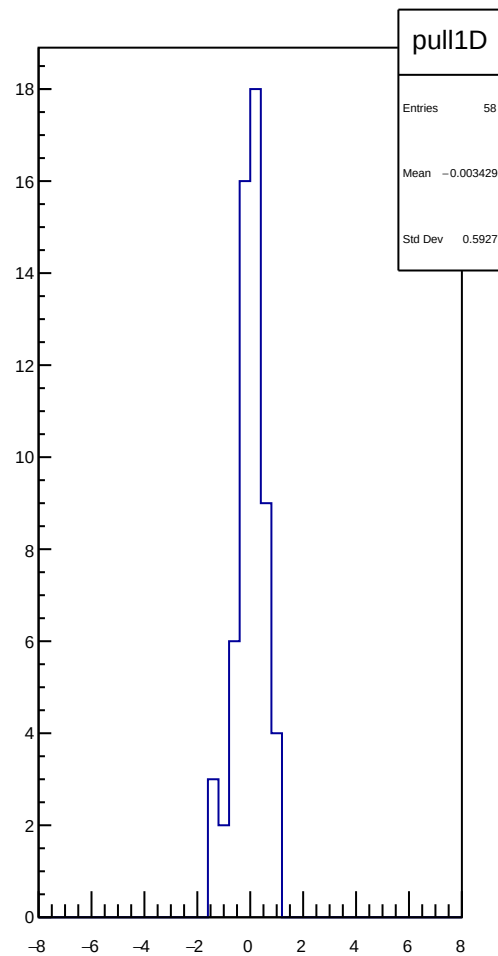
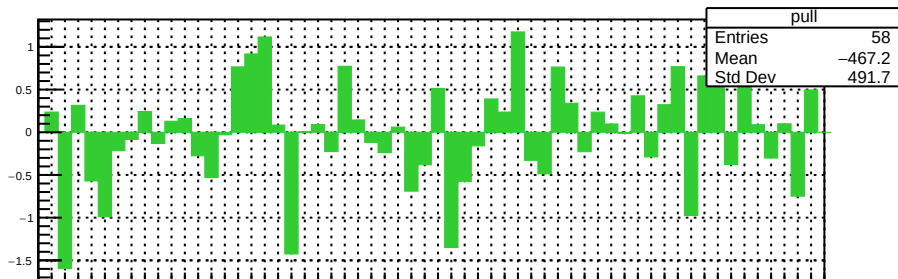
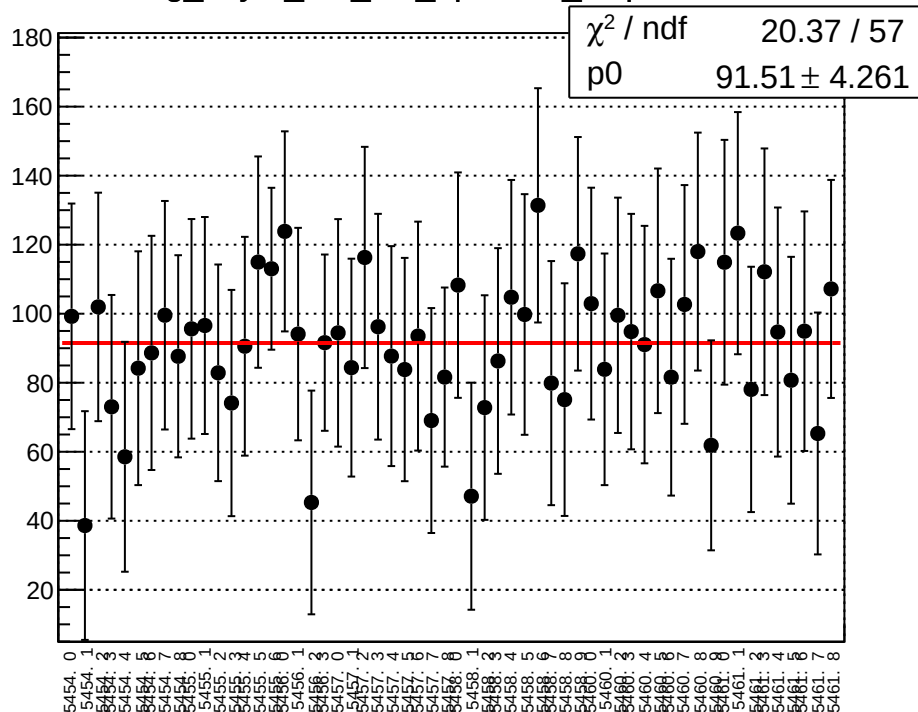
reg\_asym\_usr\_diff\_bpm4aX\_slope vs run



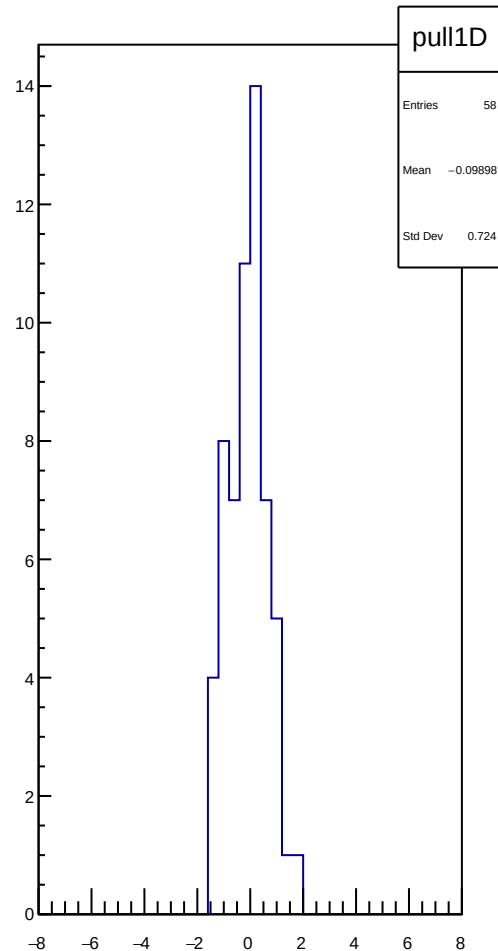
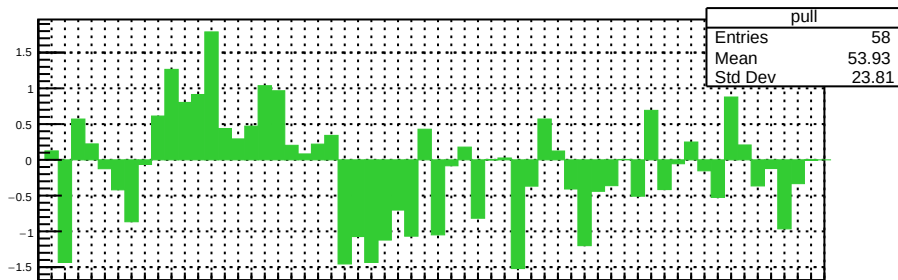
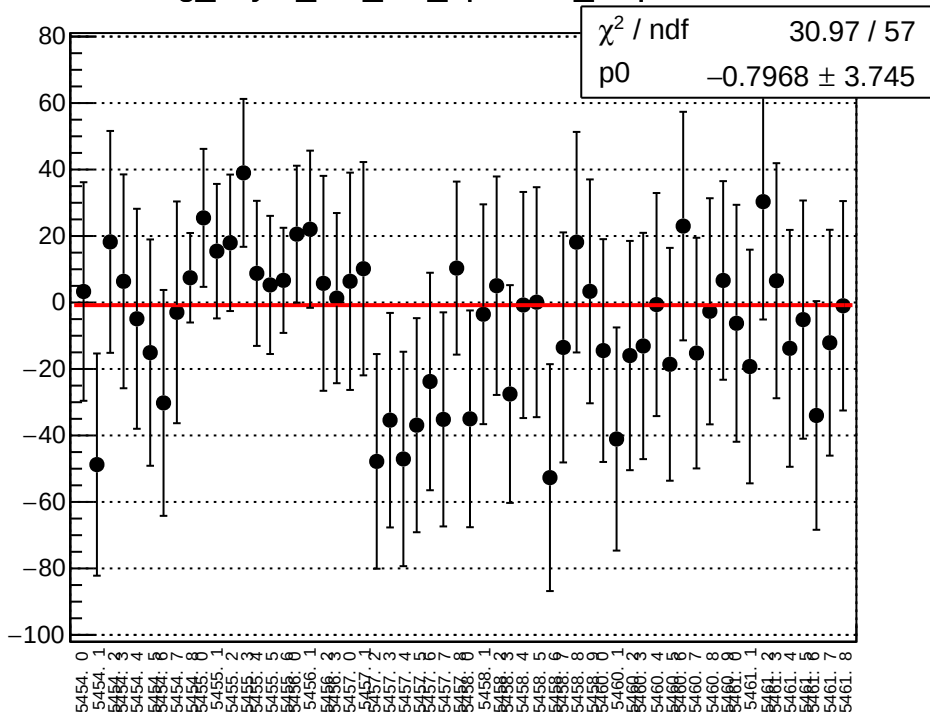
reg\_asym\_usr\_diff\_bpm4aY\_slope vs run



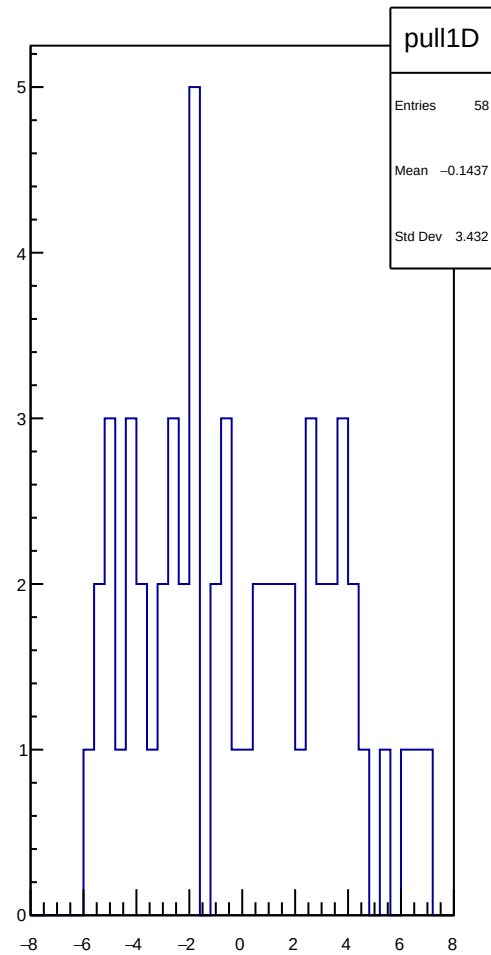
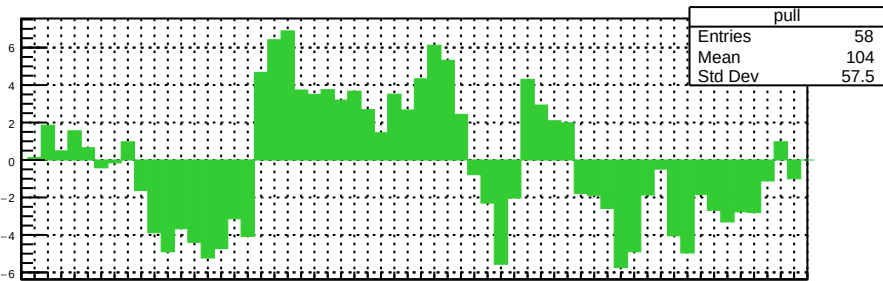
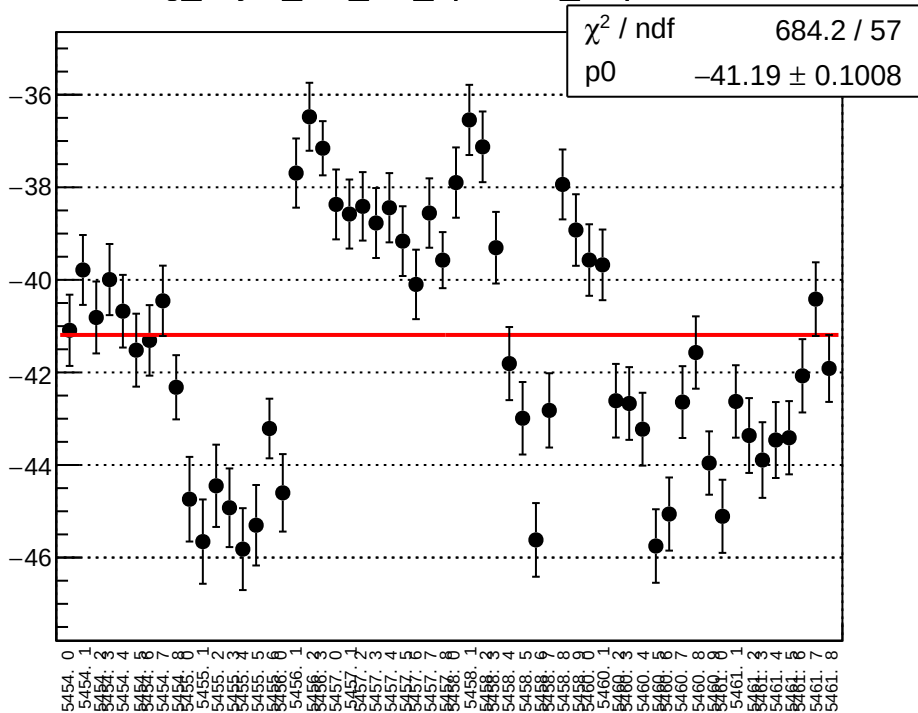
reg\_asym\_usr\_diff\_bpm4eX\_slope vs run



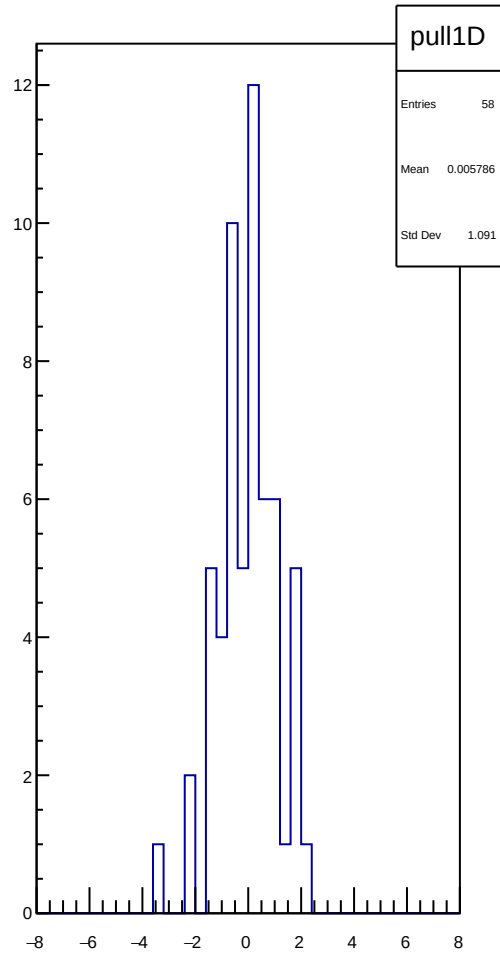
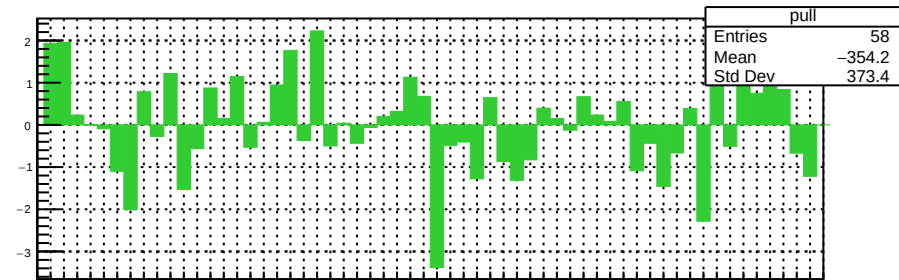
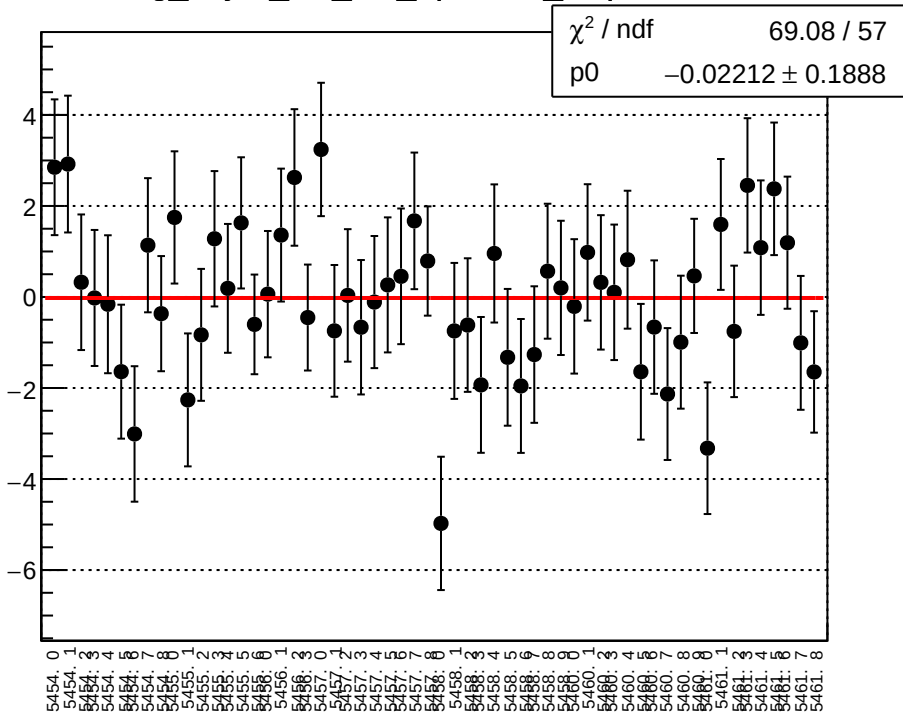
reg\_asym\_usr\_diff\_bpm4eY\_slope vs run



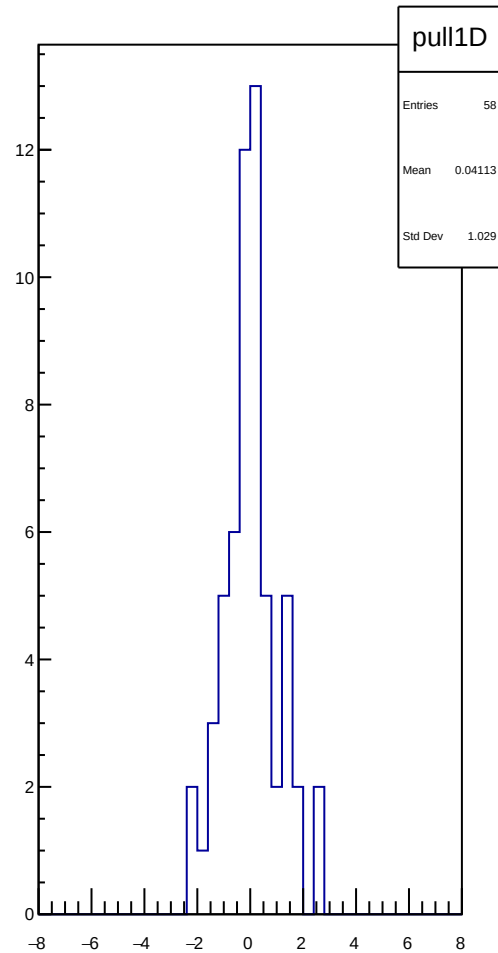
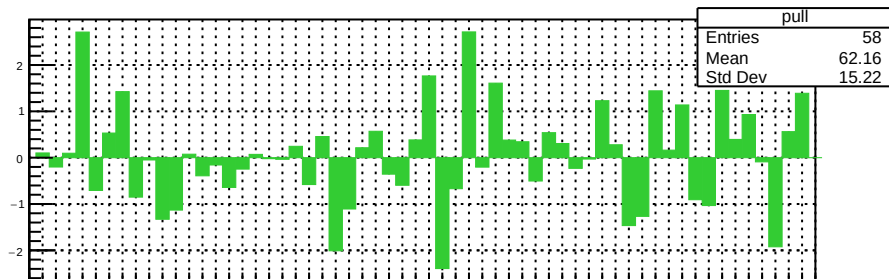
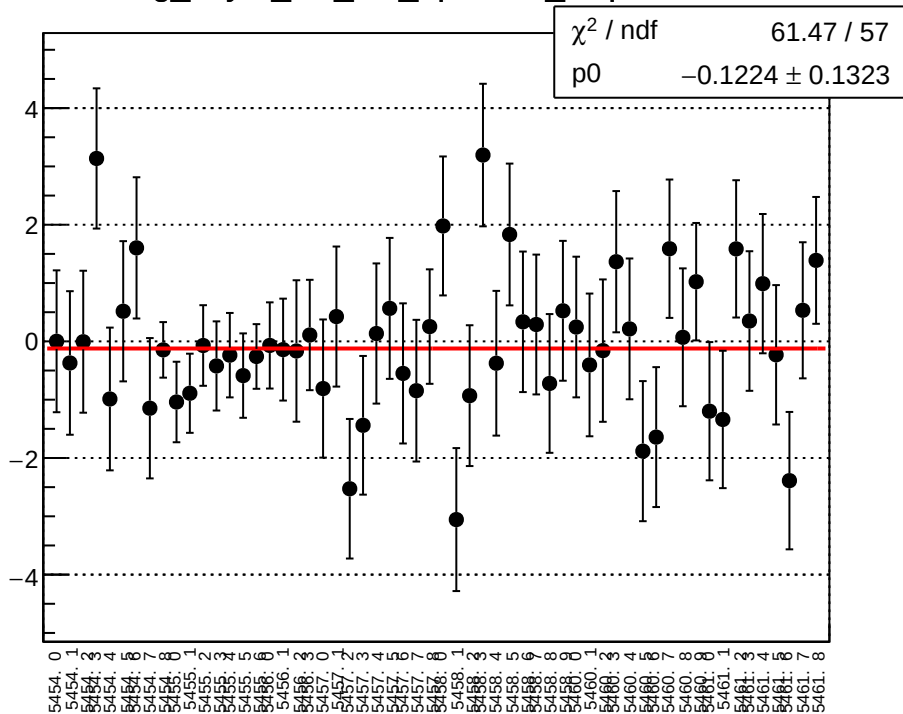
## reg\_asym\_usr\_diff\_bpm12X\_slope vs run



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

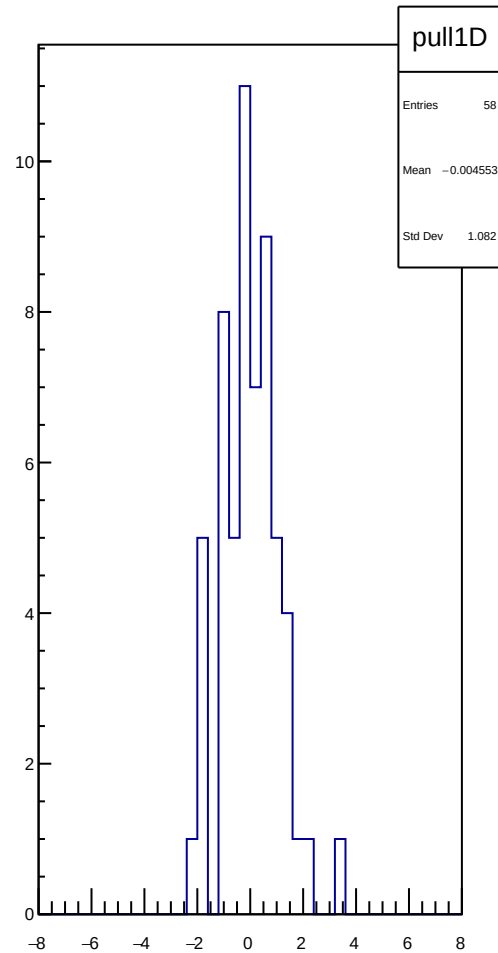
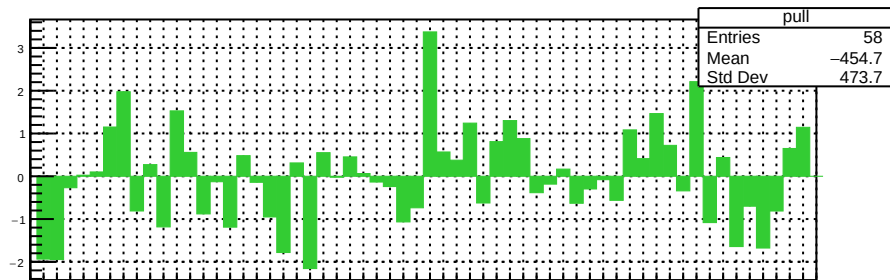
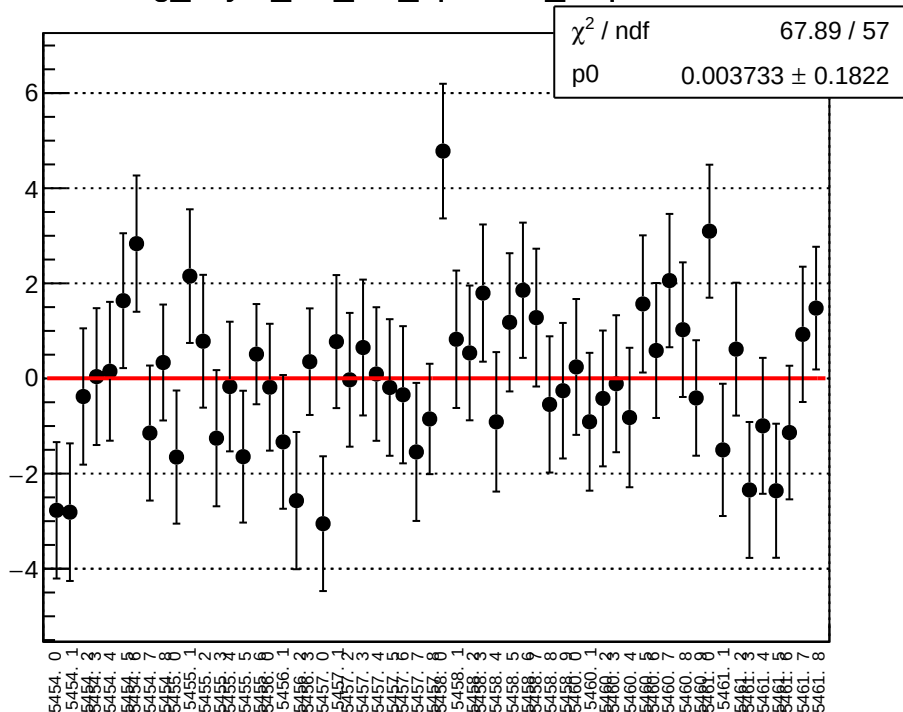


reg\_asym\_dsl\_diff\_bpm4aY\_slope vs run

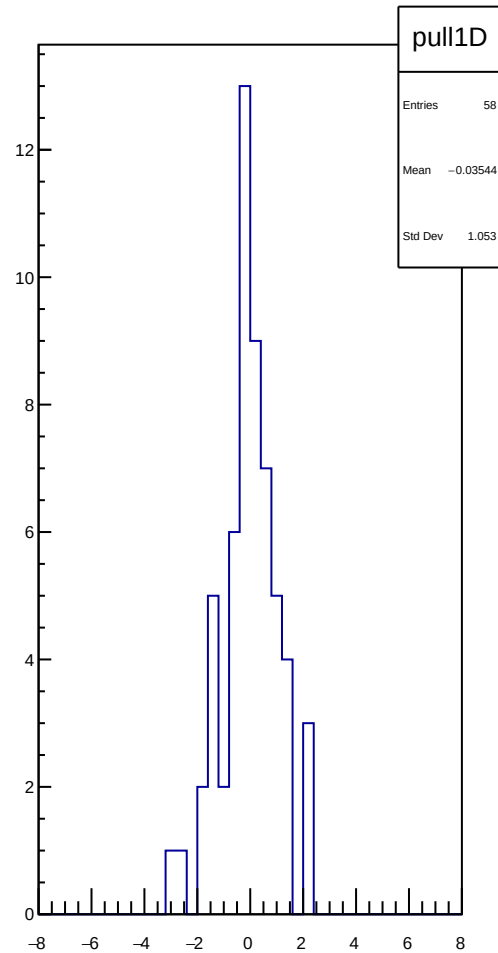
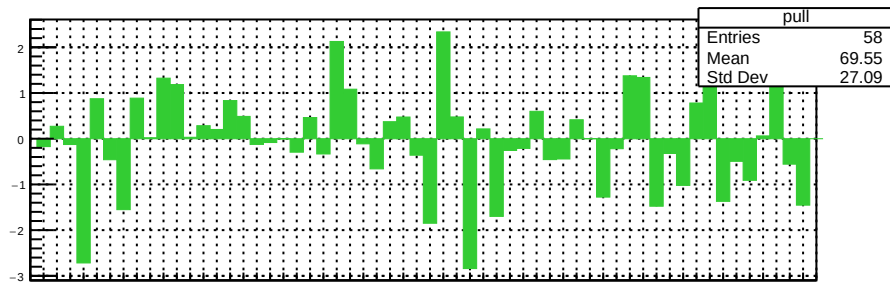
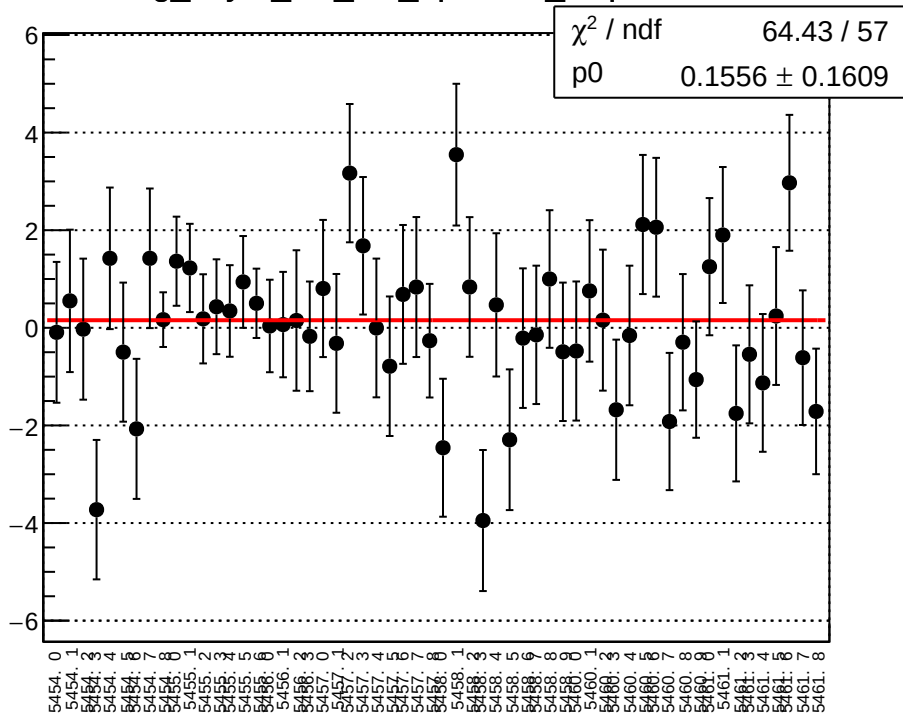




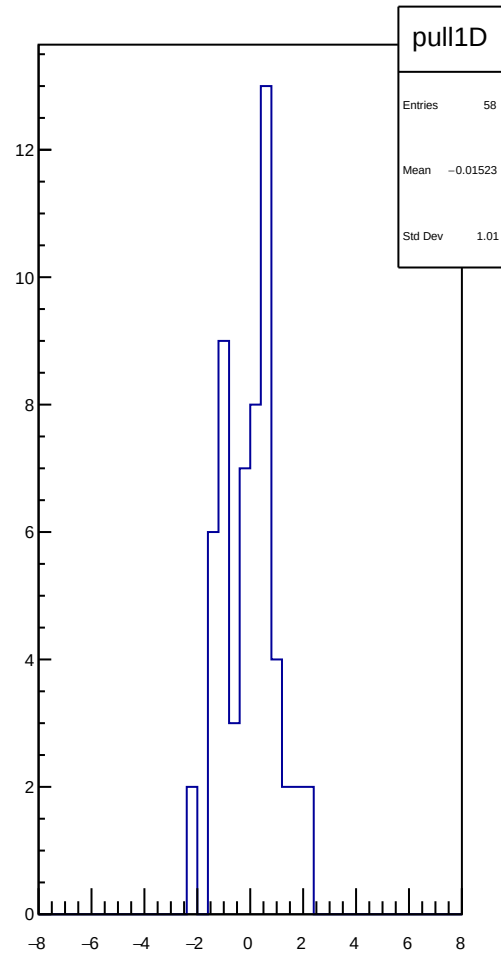
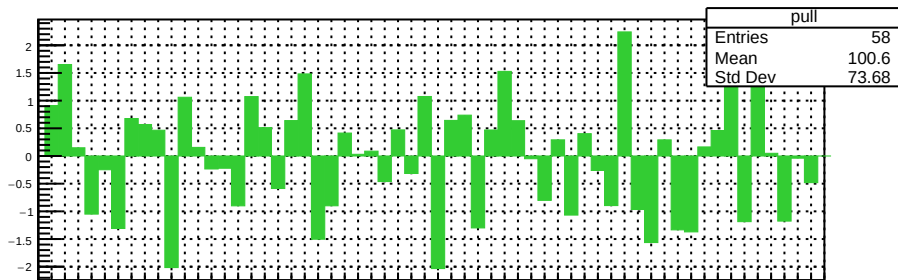
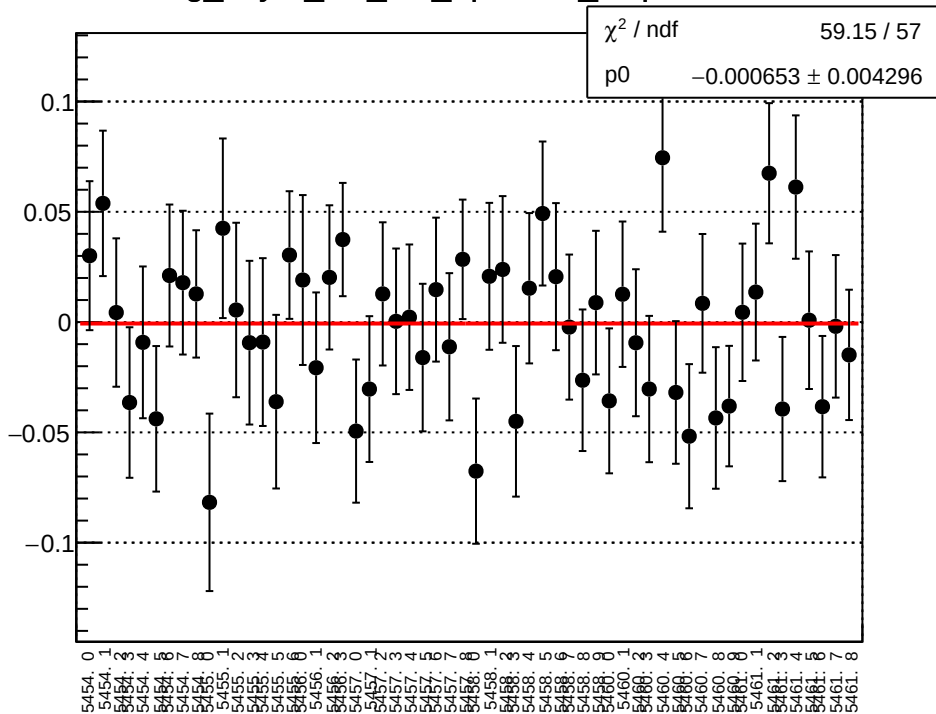
# reg\_asym\_dsl\_diff\_bpm4eX\_slope vs run



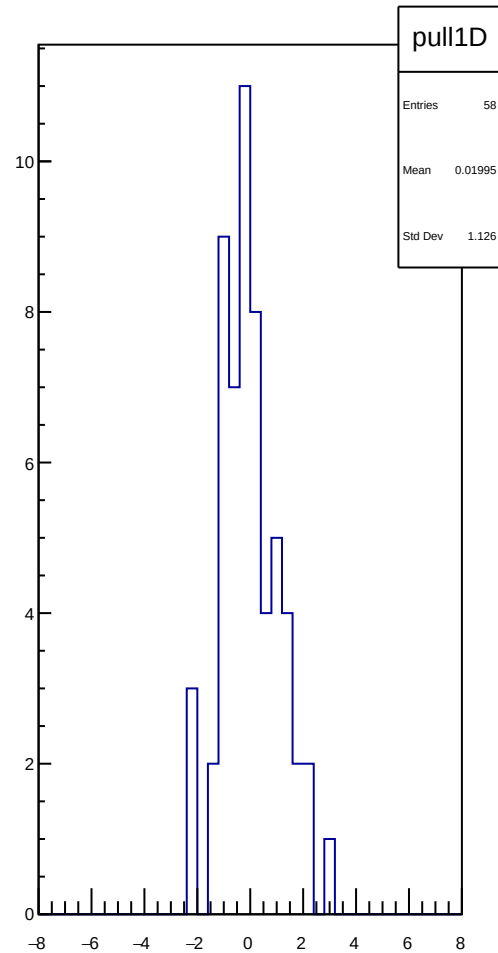
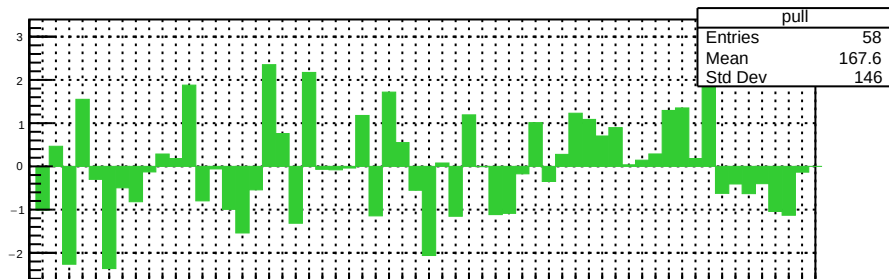
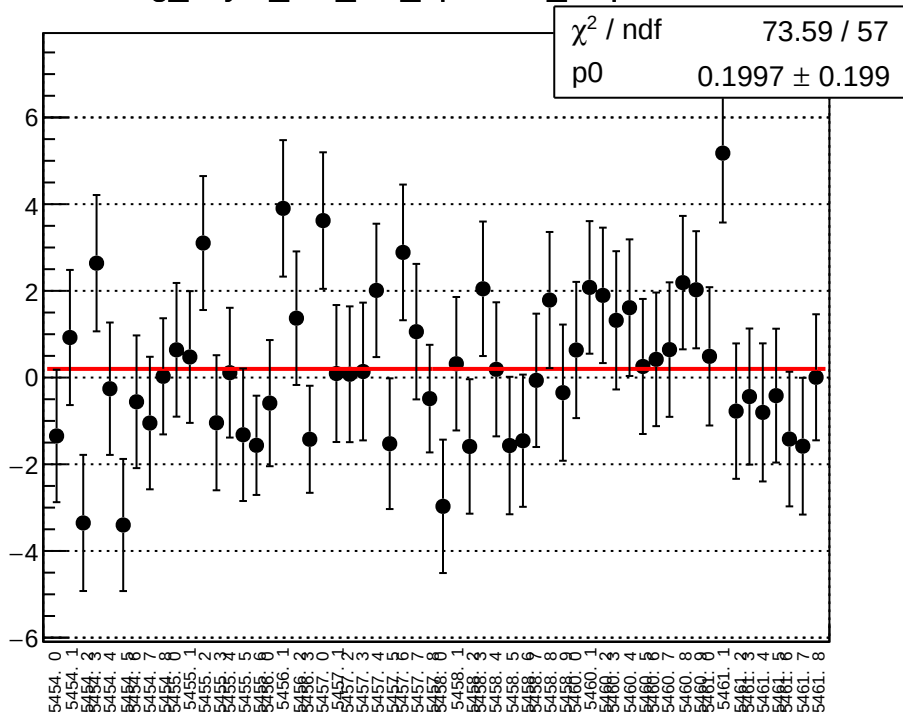
reg\_asym\_dsl\_diff\_bpm4eY\_slope vs run



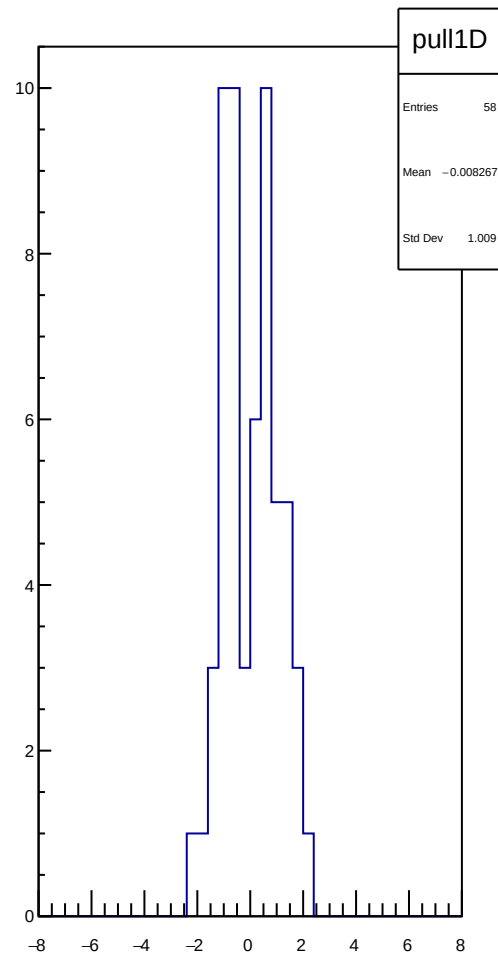
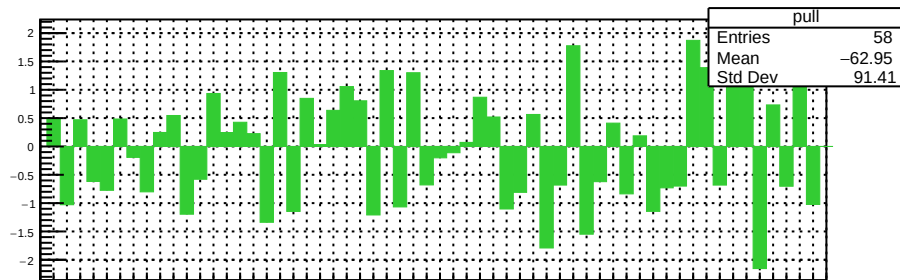
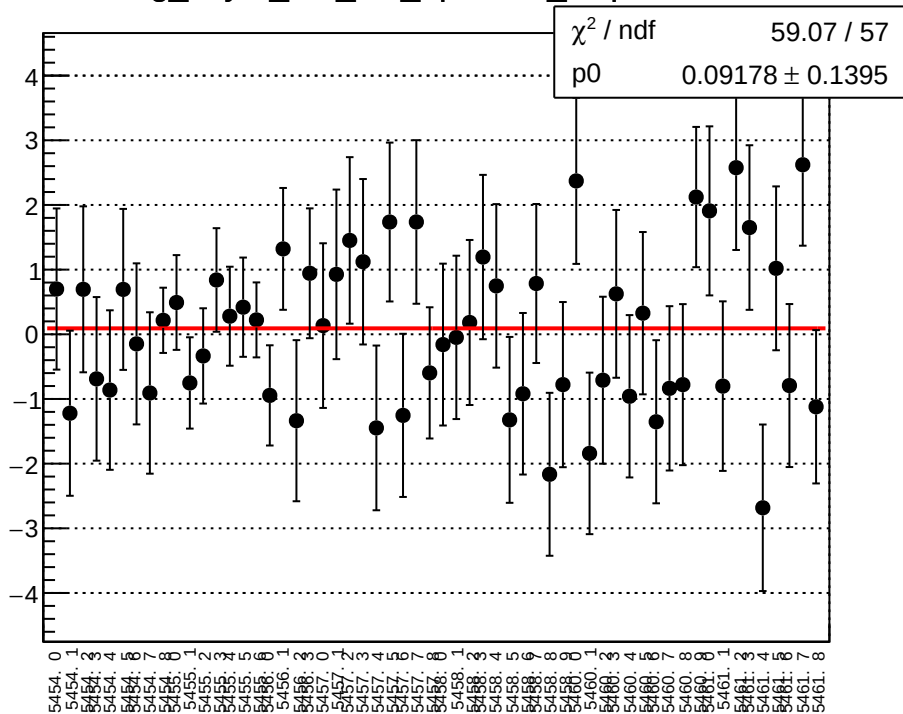
reg\_asym\_dsl\_diff\_bpm12X\_slope vs run



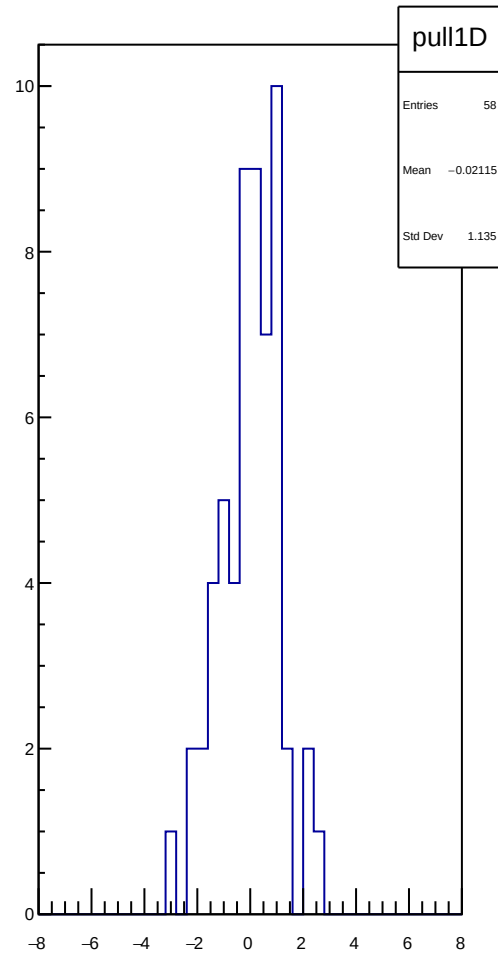
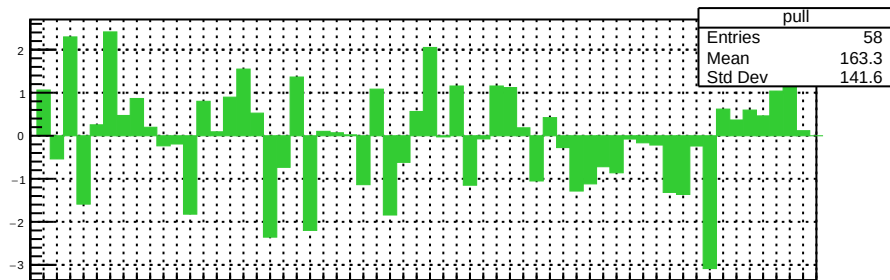
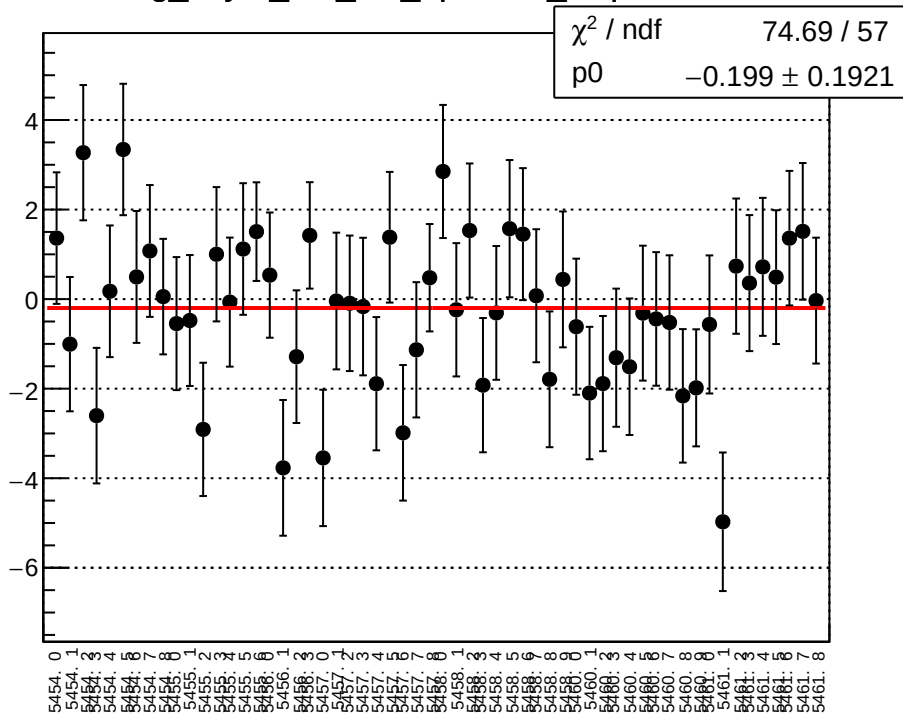
reg\_asym\_dsr\_diff\_bpm4aX\_slope vs run



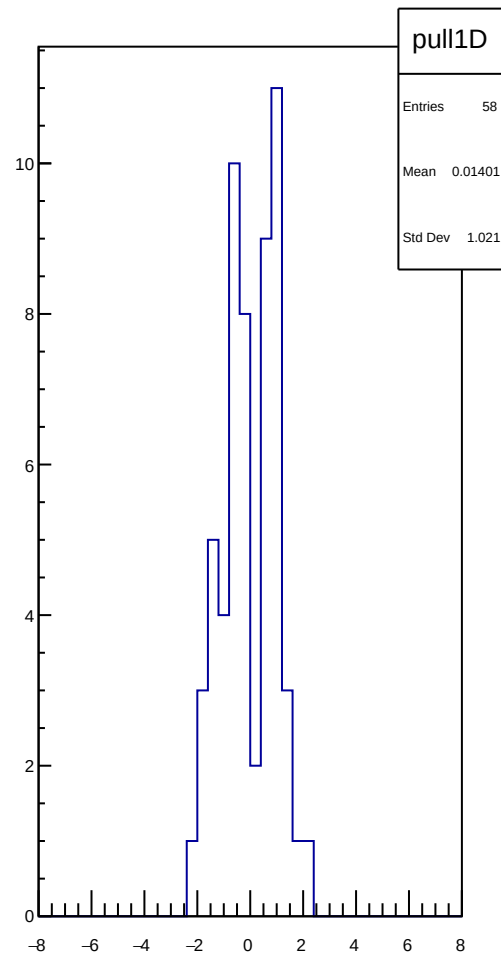
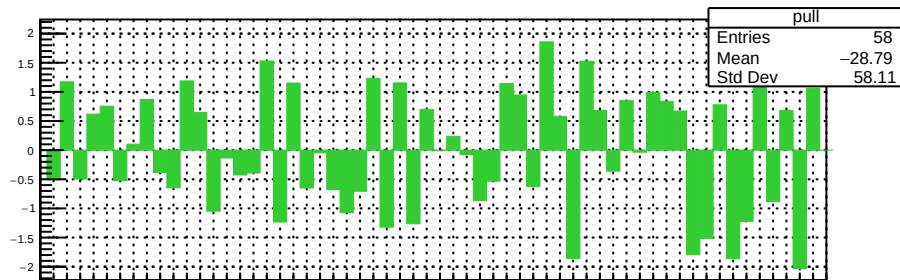
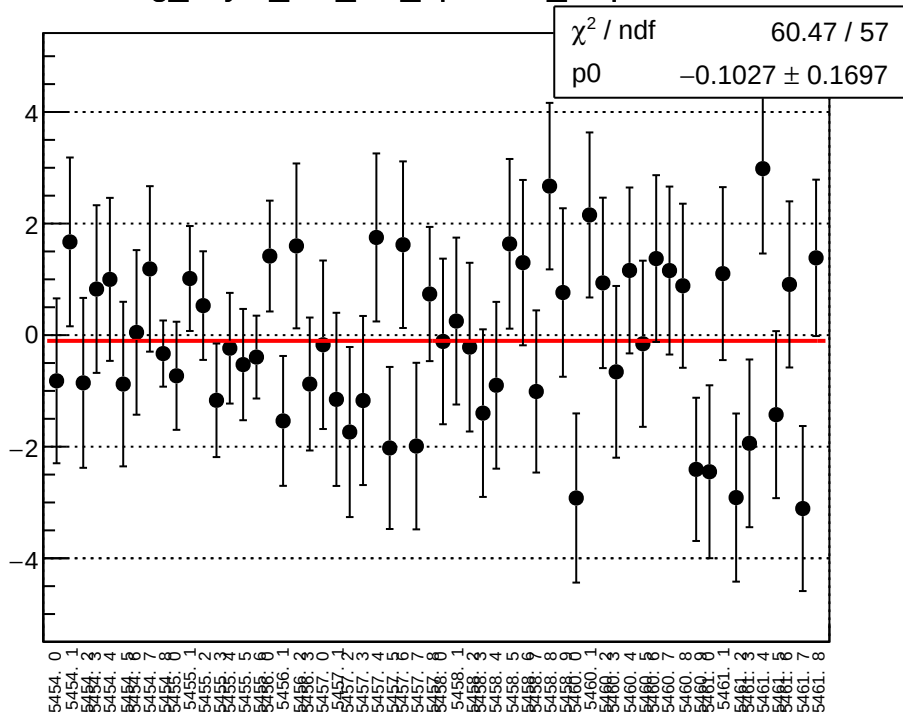
reg\_asym\_dsr\_diff\_bpm4aY\_slope vs run



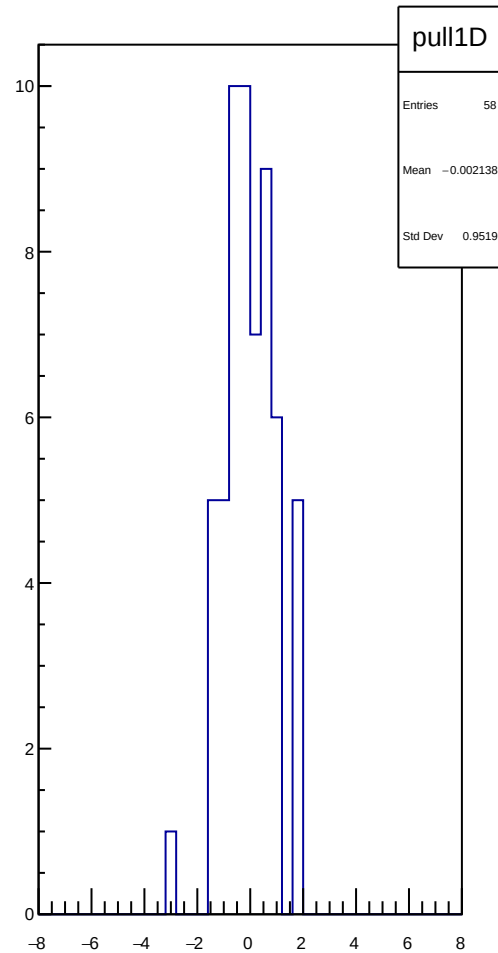
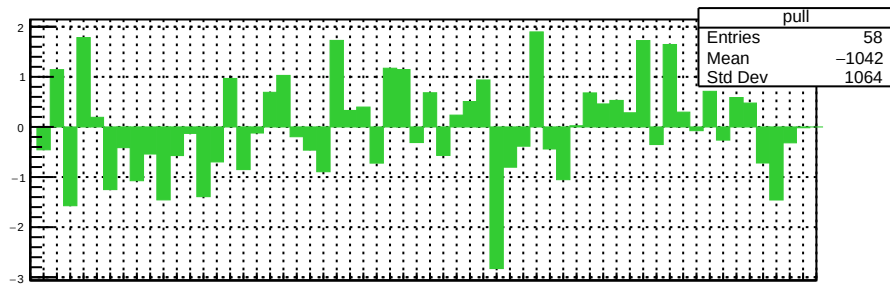
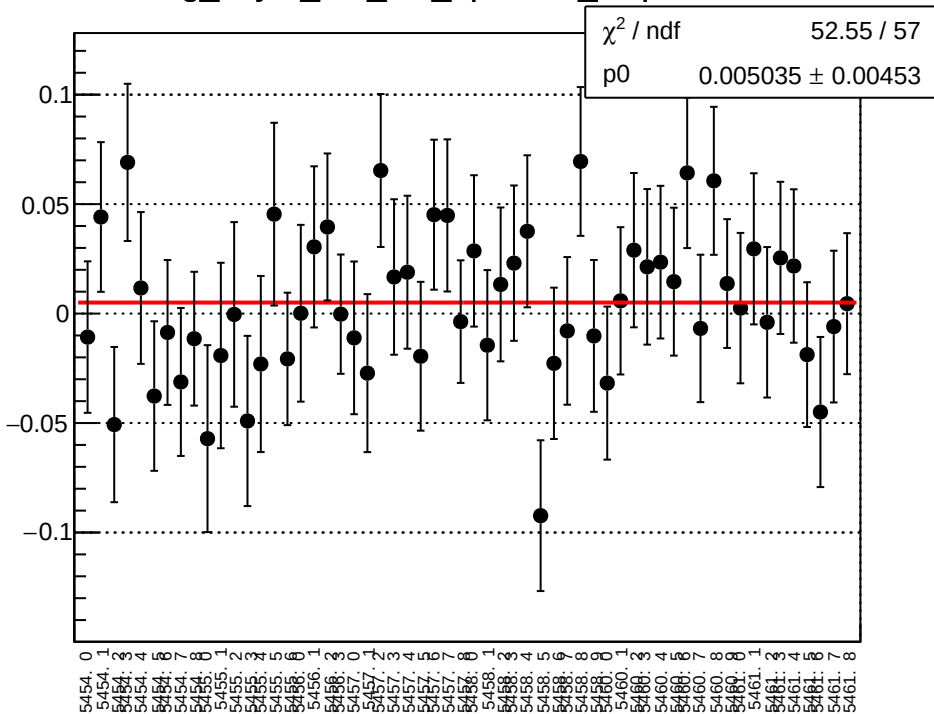
reg\_asym\_dsr\_diff\_bpm4eX\_slope vs run



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

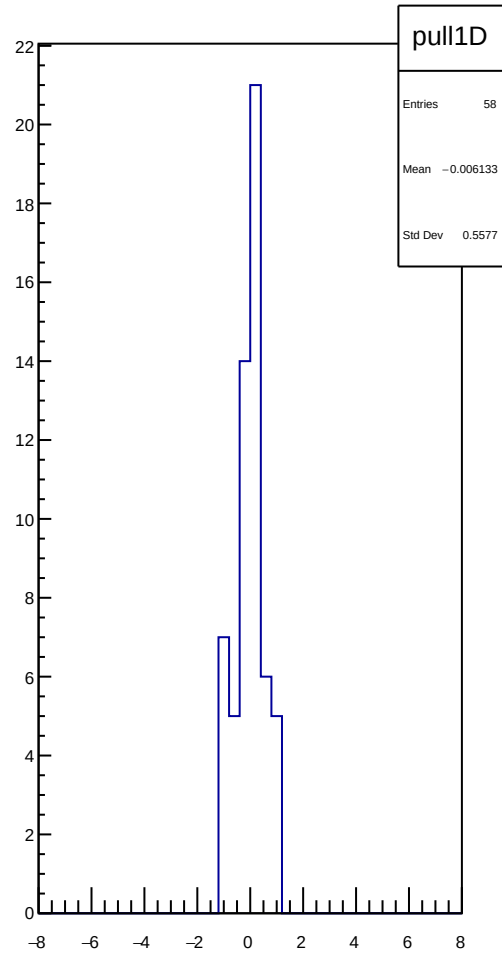
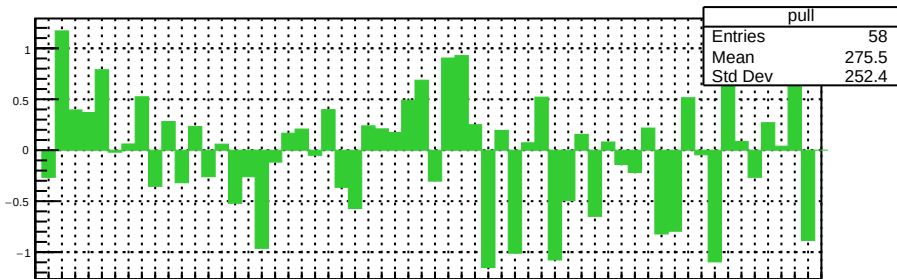
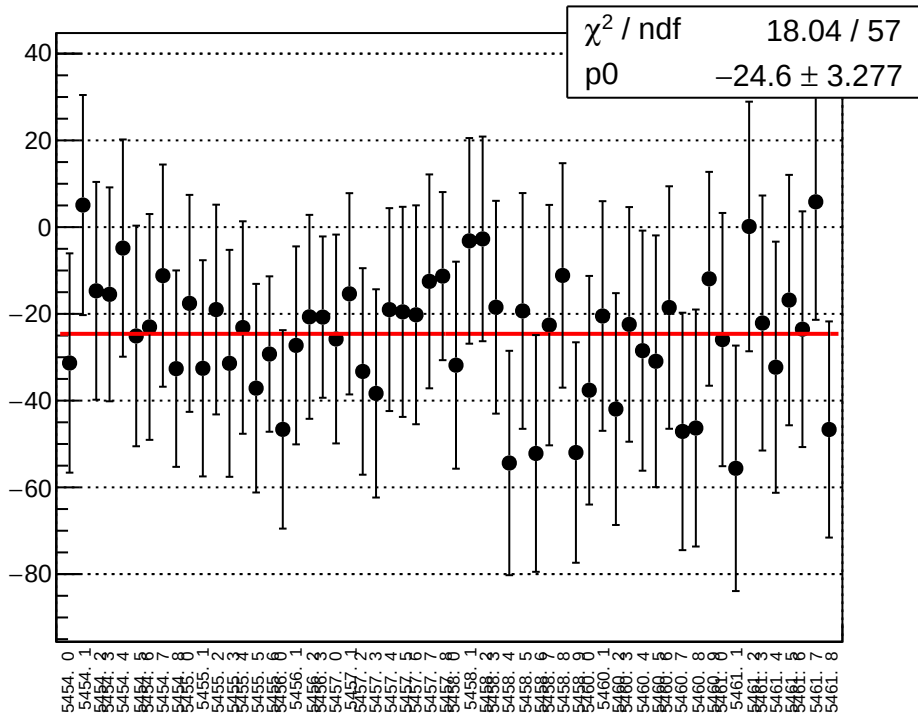


reg\_asym\_dsr\_diff\_bpm12X\_slope vs run

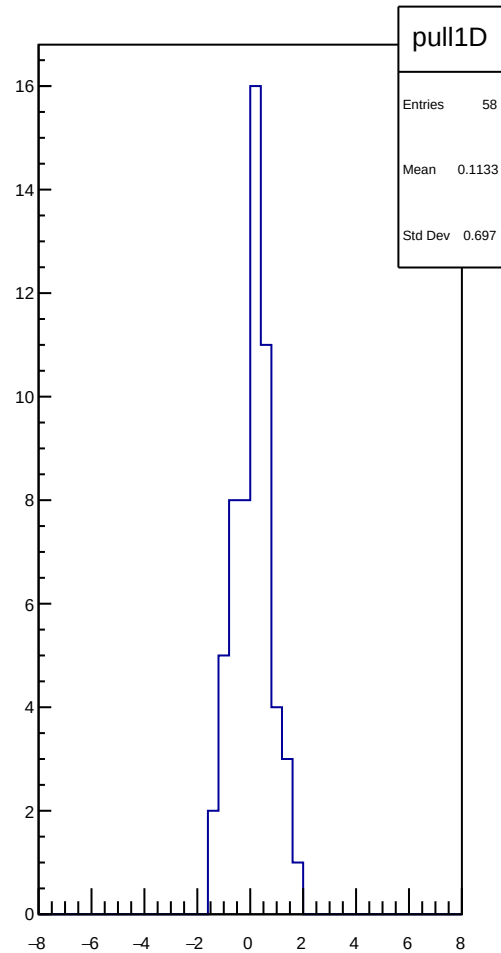
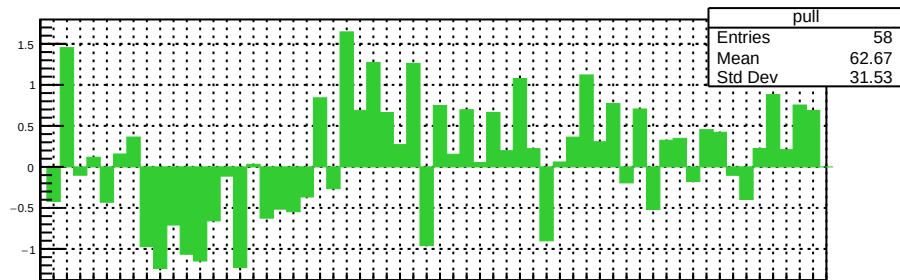
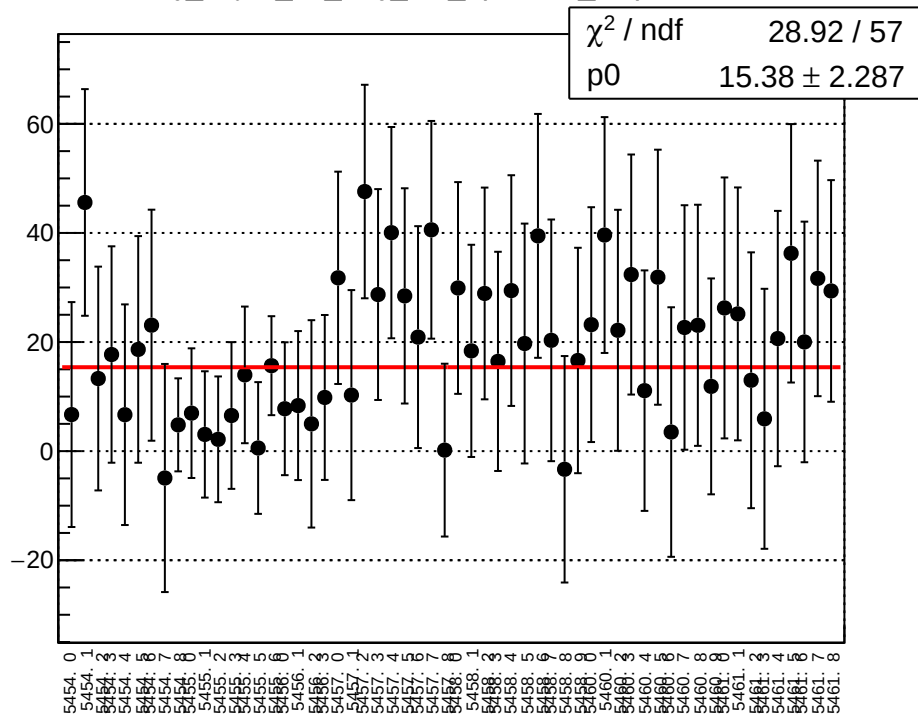




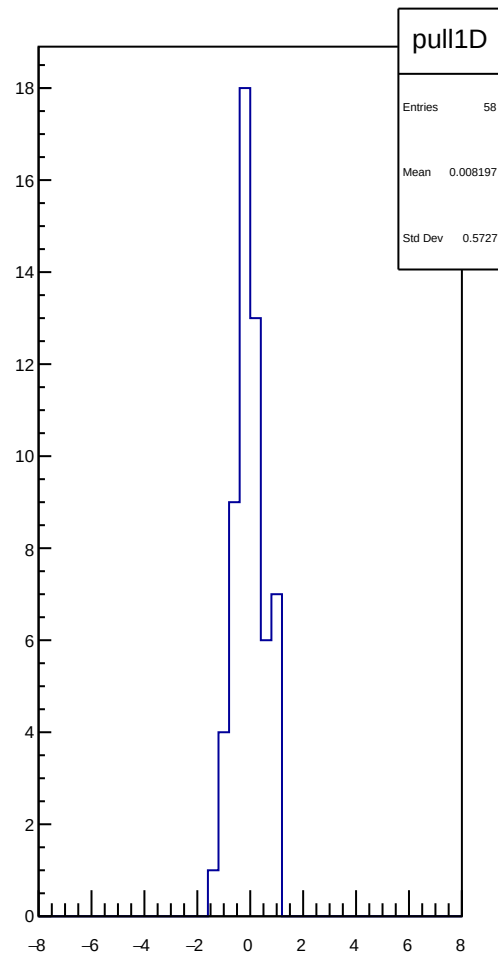
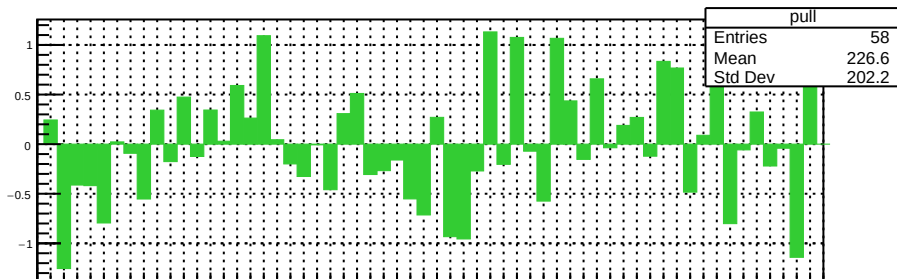
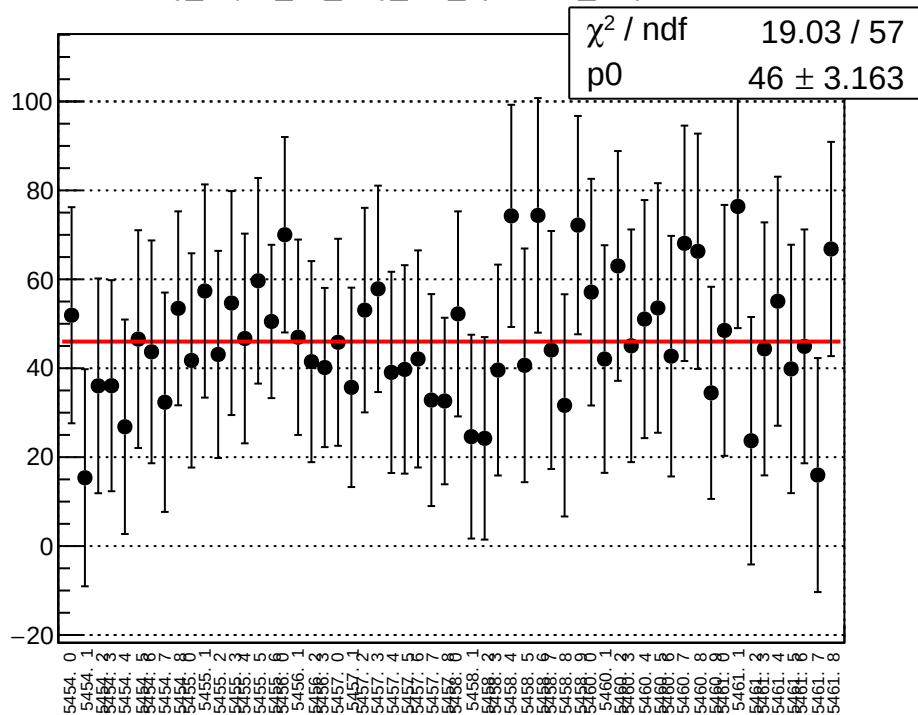
reg\_asym\_us\_avg\_diff\_bpm4aX\_slope vs run



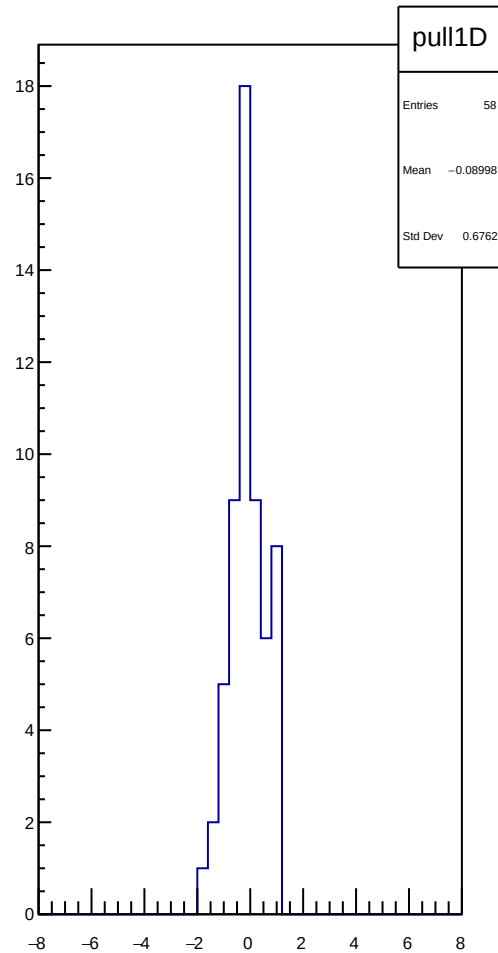
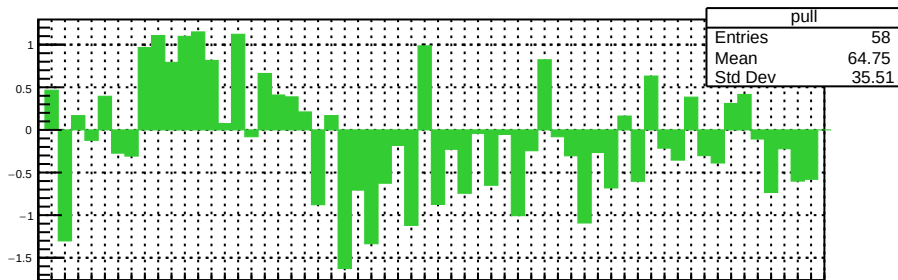
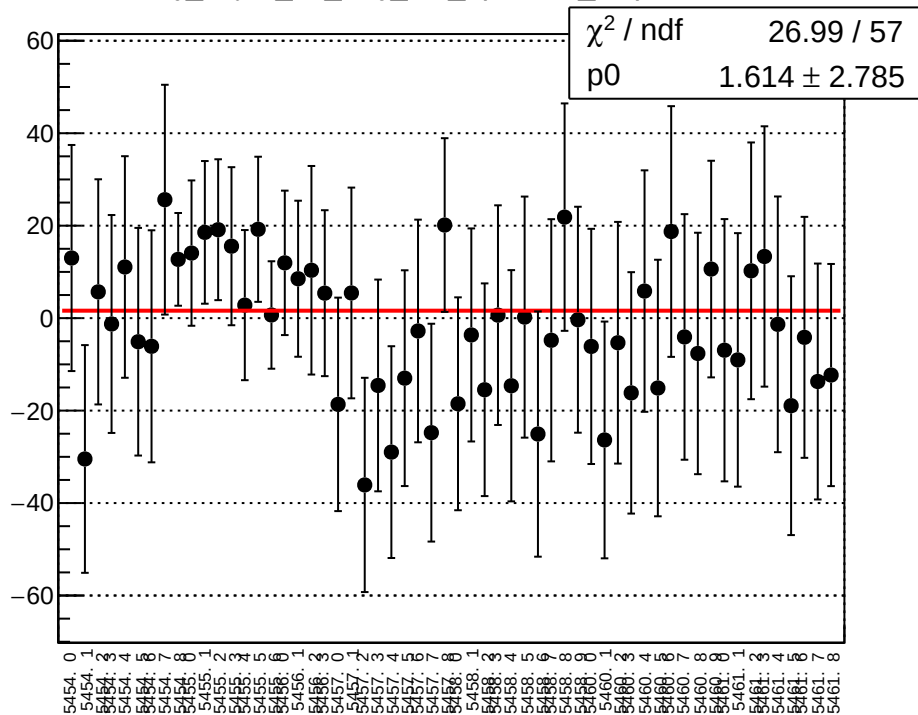
reg\_asym\_us\_avg\_diff\_bpm4aY\_slope vs run



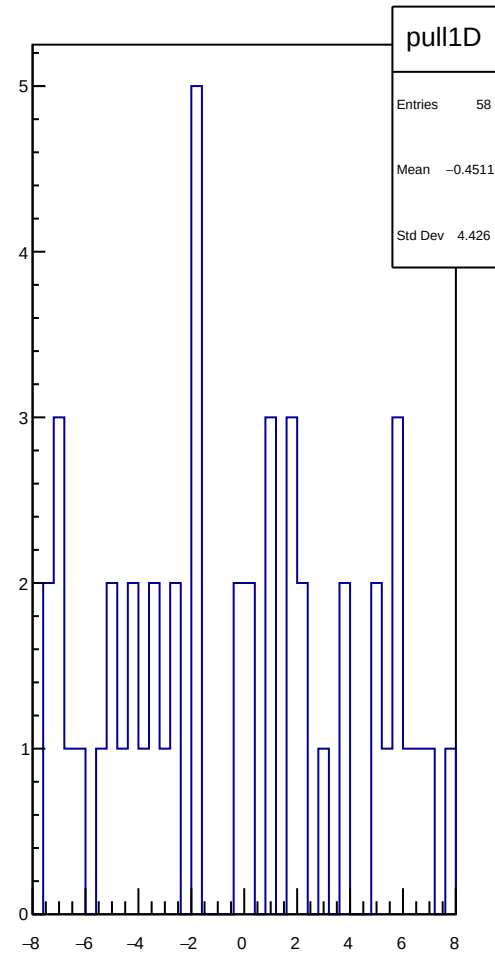
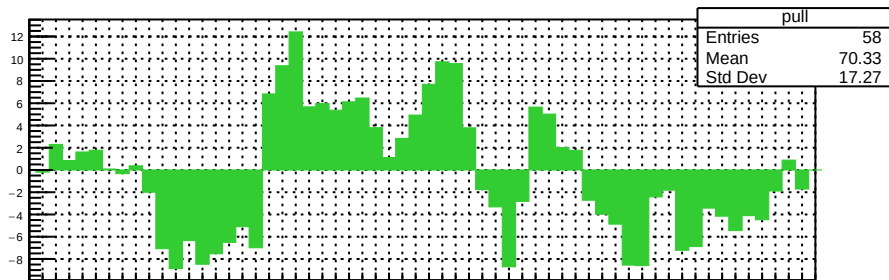
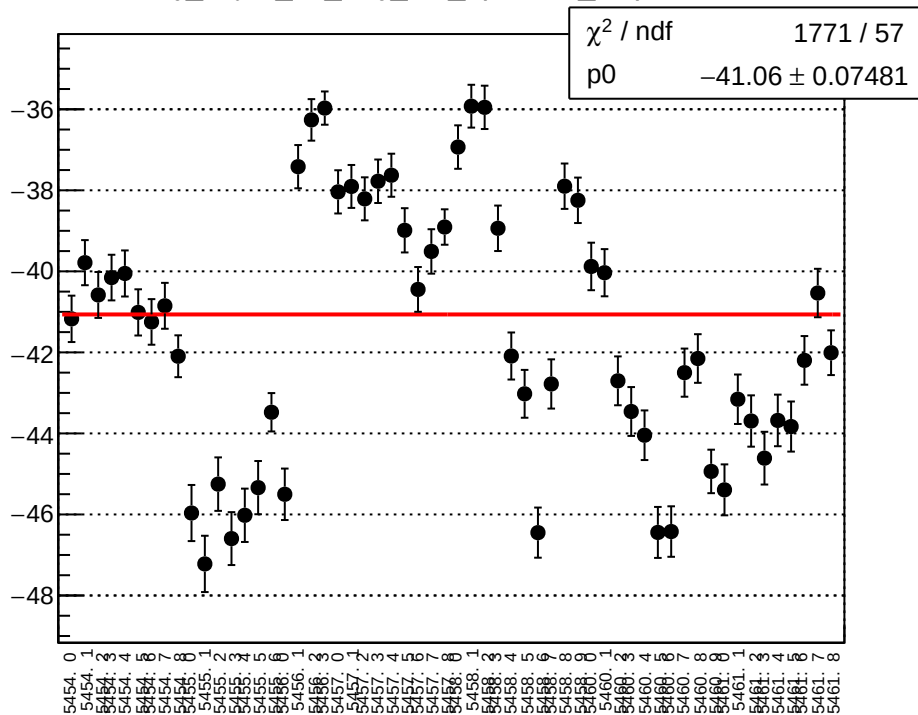
reg\_asym\_us\_avg\_diff\_bpm4eX\_slope vs run



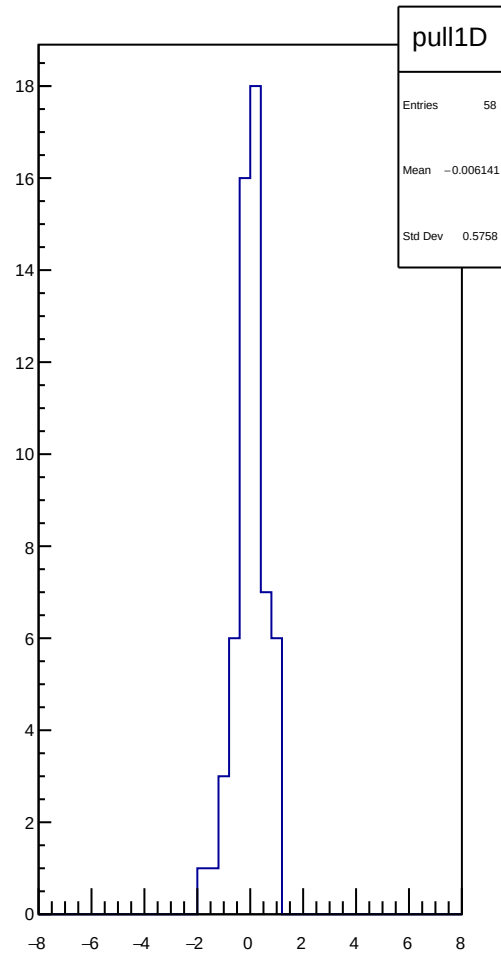
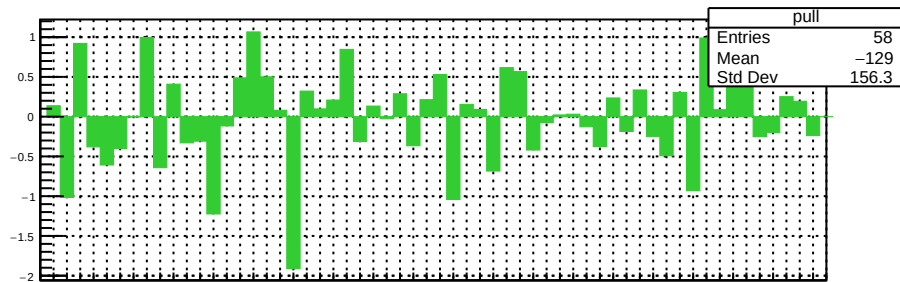
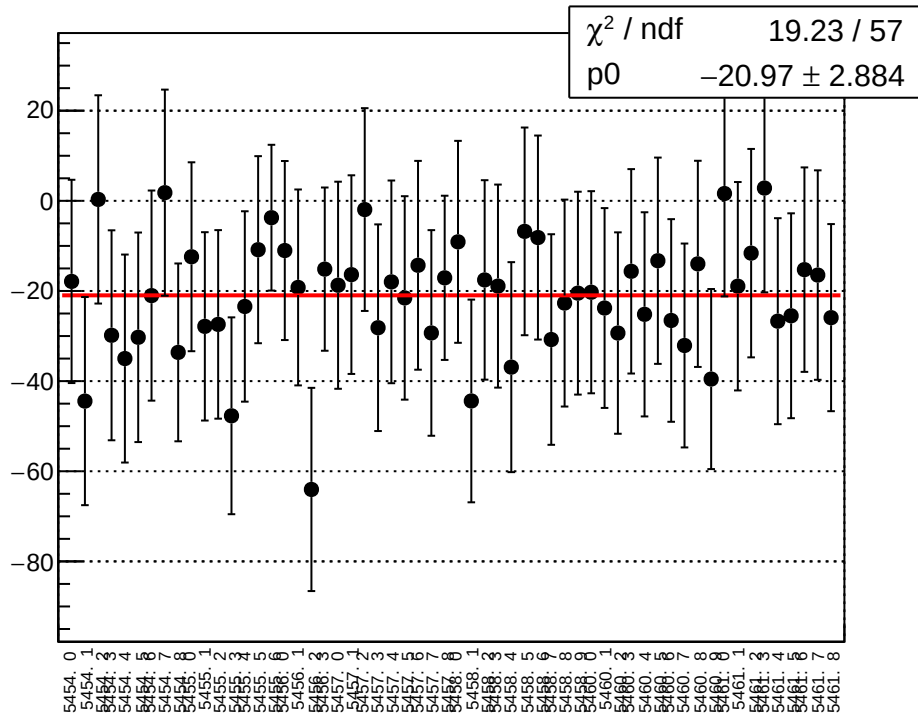
reg\_asym\_us\_avg\_diff\_bpm4eY\_slope vs run



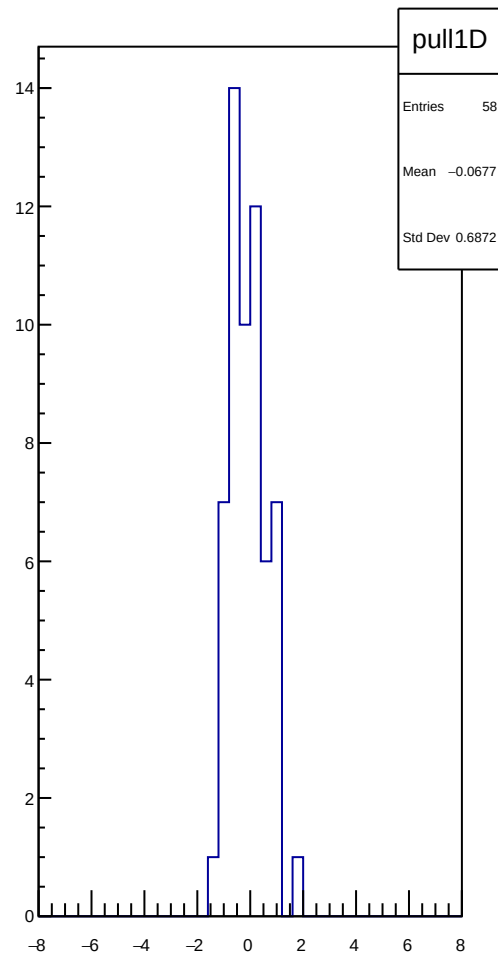
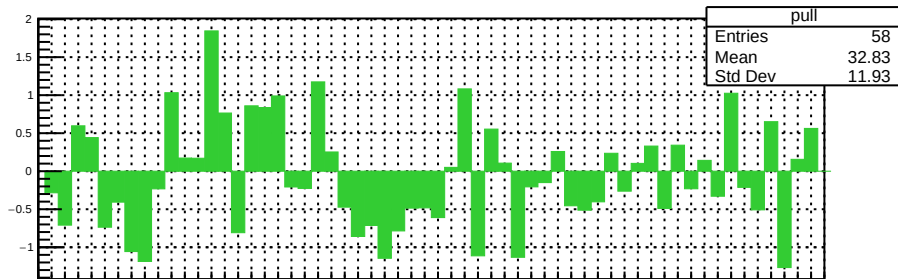
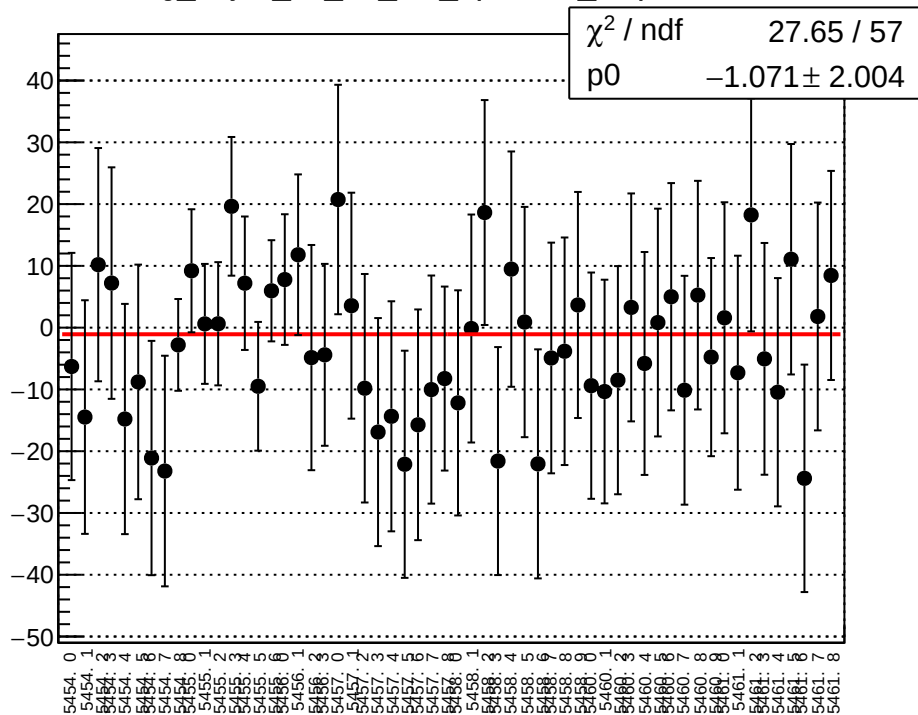
reg\_asym\_us\_avg\_diff\_bpm12X\_slope vs run



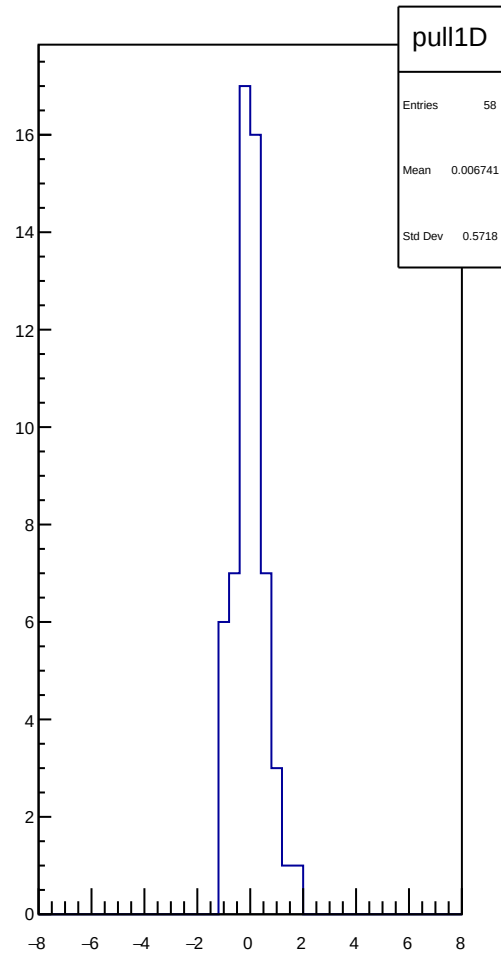
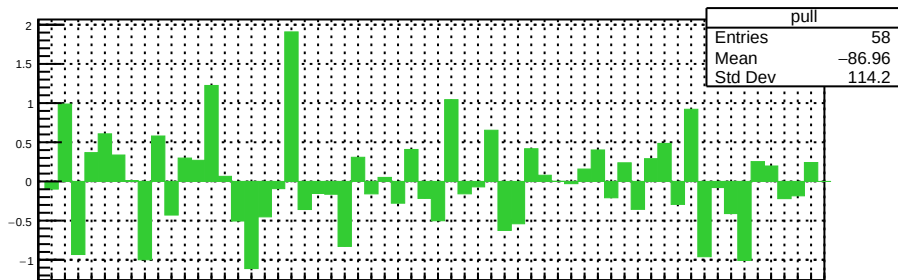
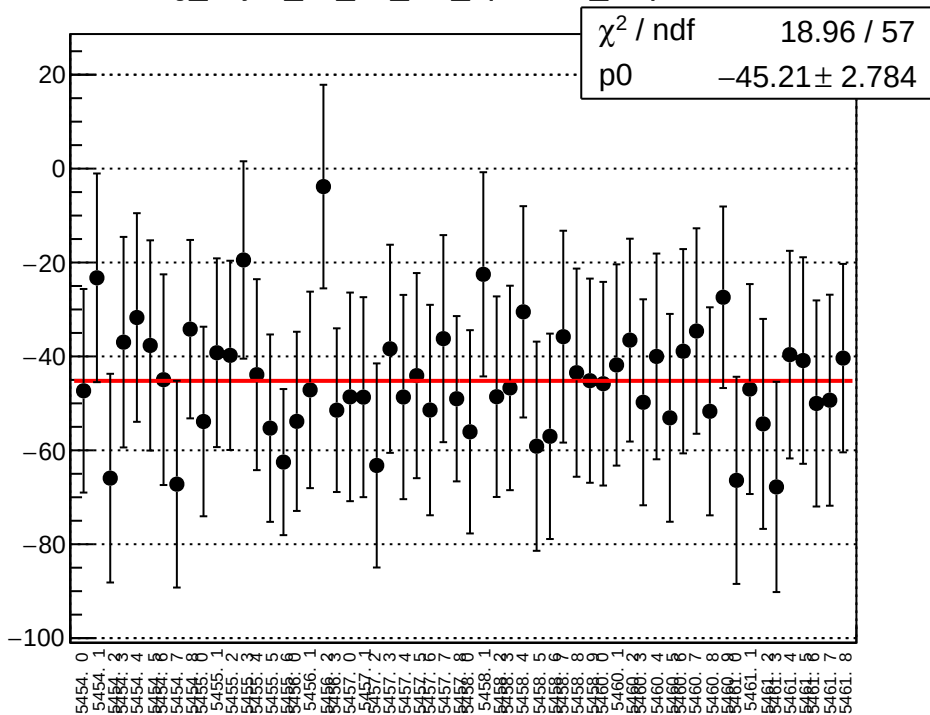
reg\_asym\_us\_dd\_diff\_bpm4aX\_slope vs run



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

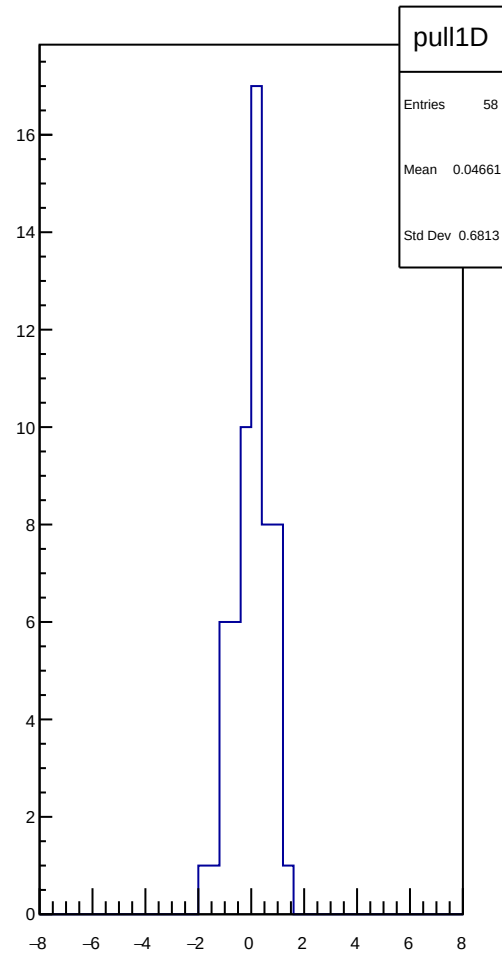
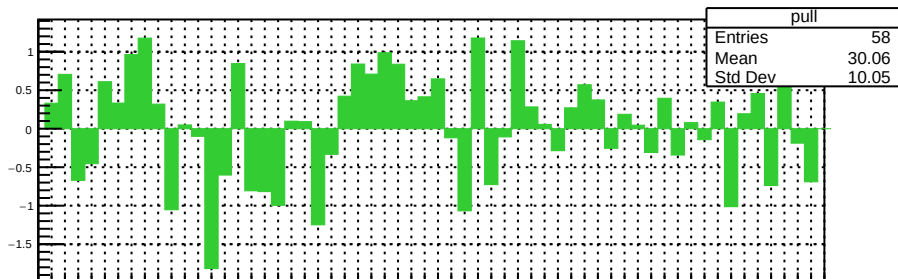
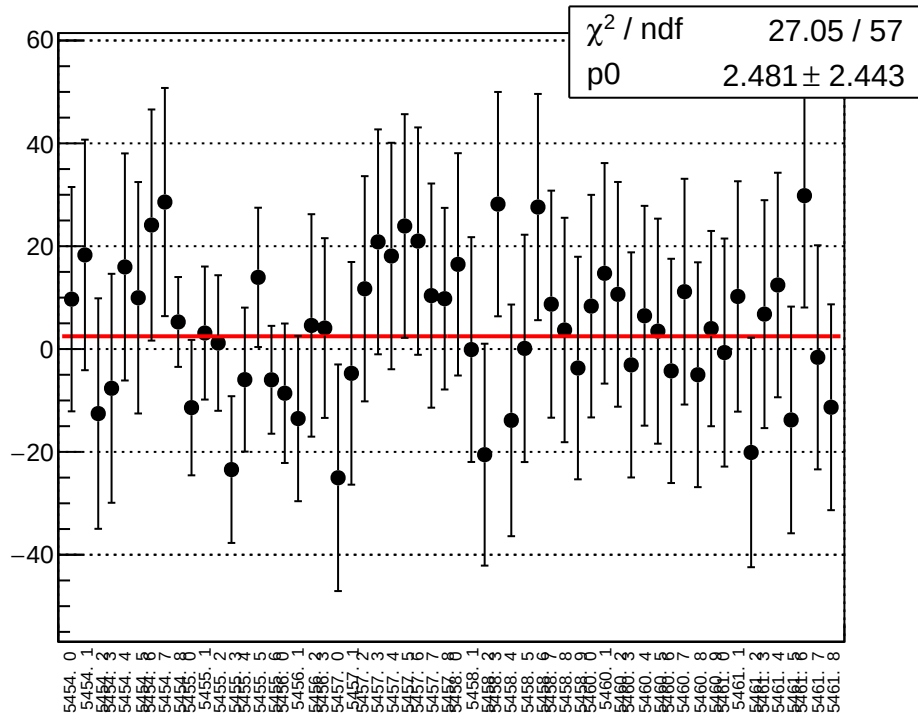


reg\_asym\_us\_dd\_diff\_bpm4eX\_slope vs run

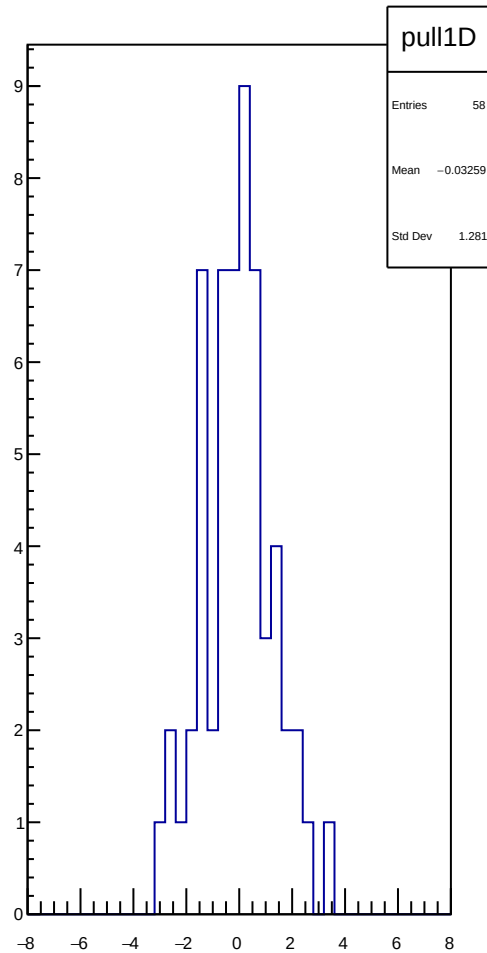
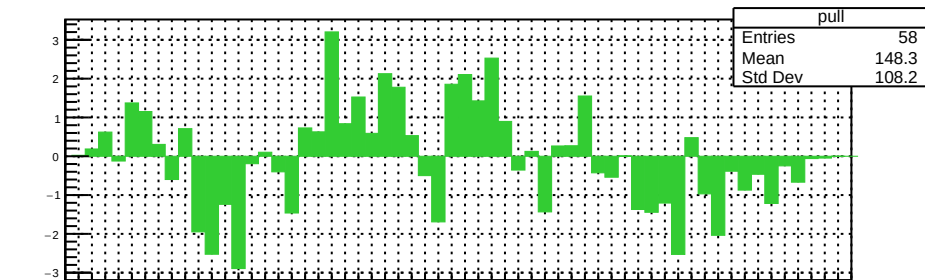
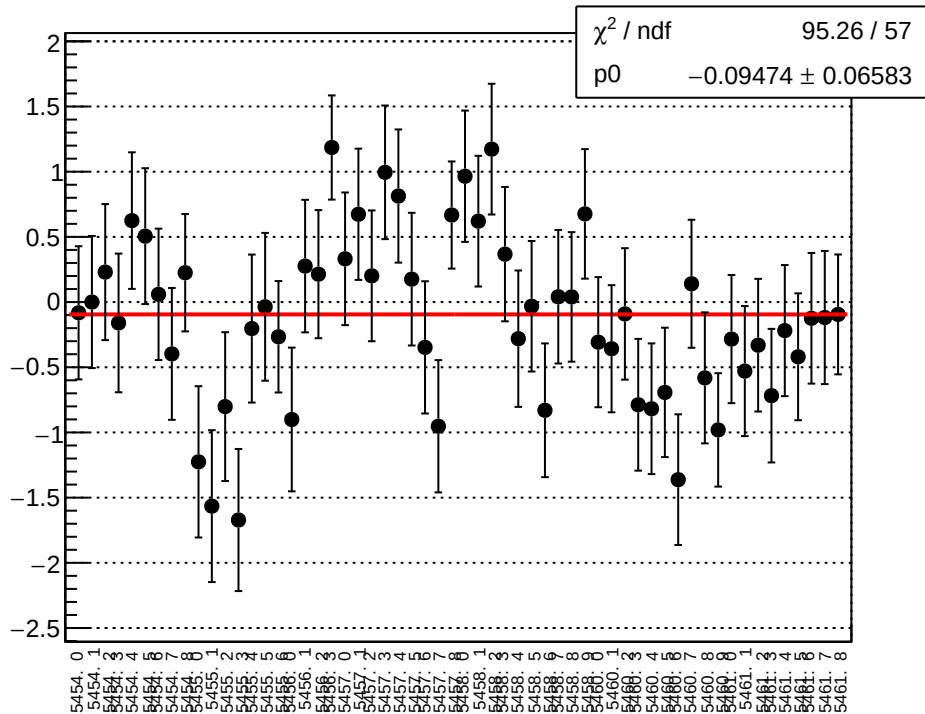




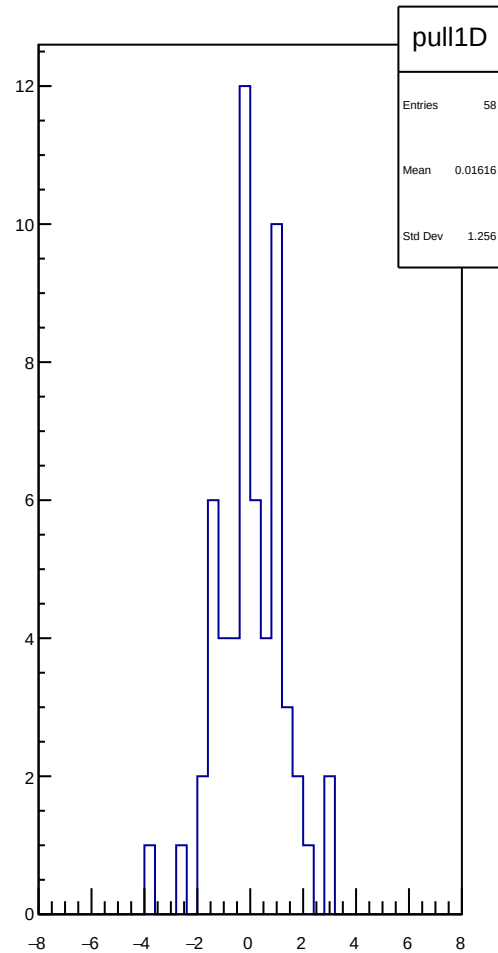
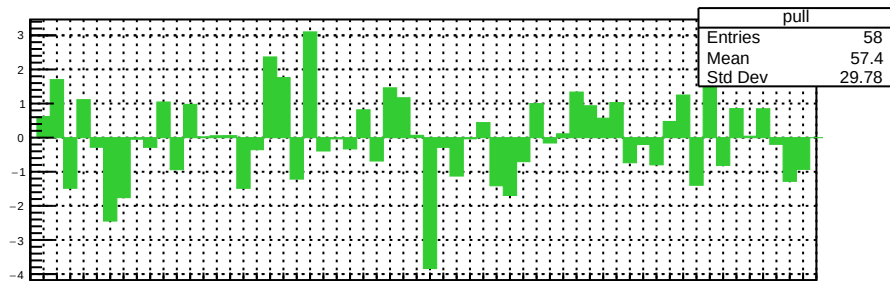
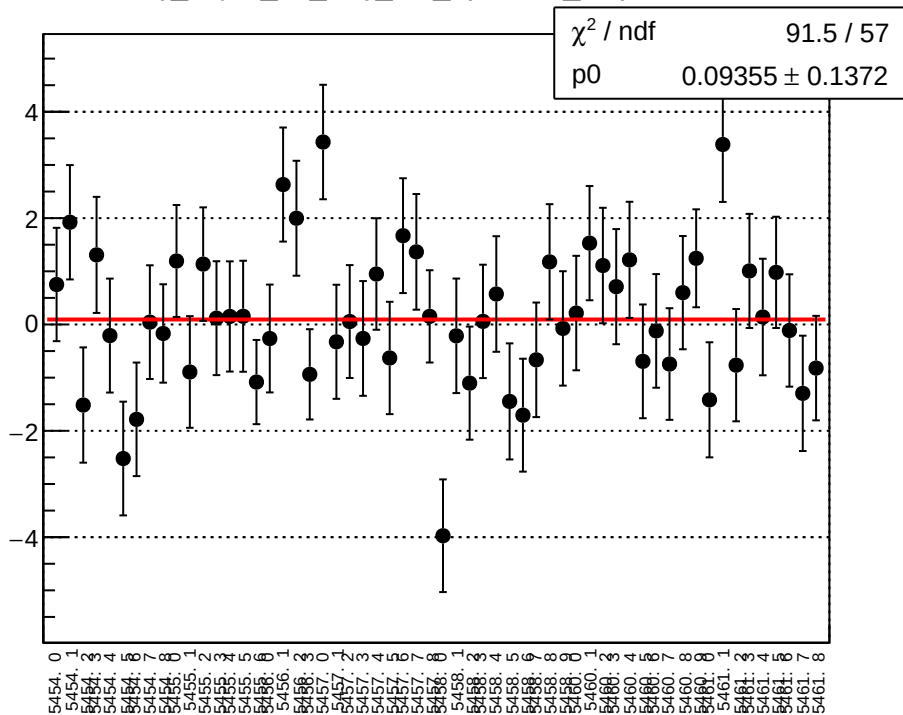
reg\_asym\_us\_dd\_diff\_bpm4eY\_slope vs run



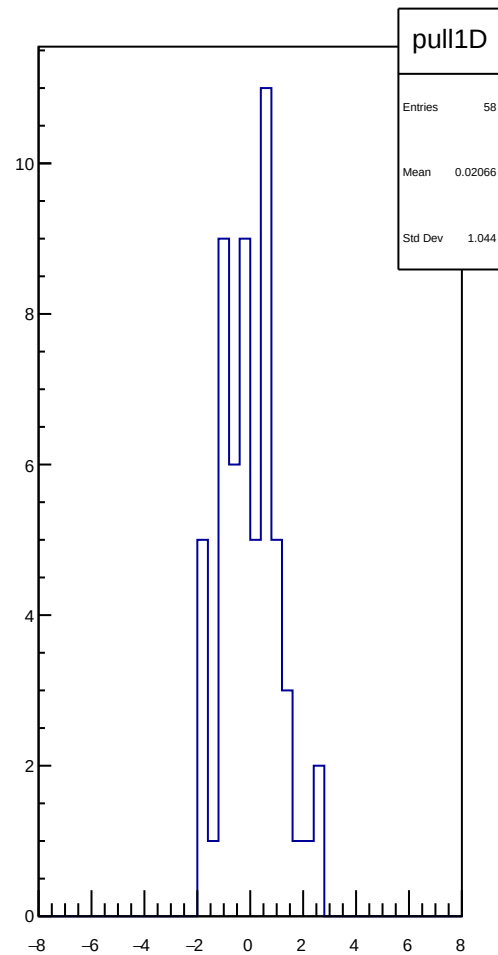
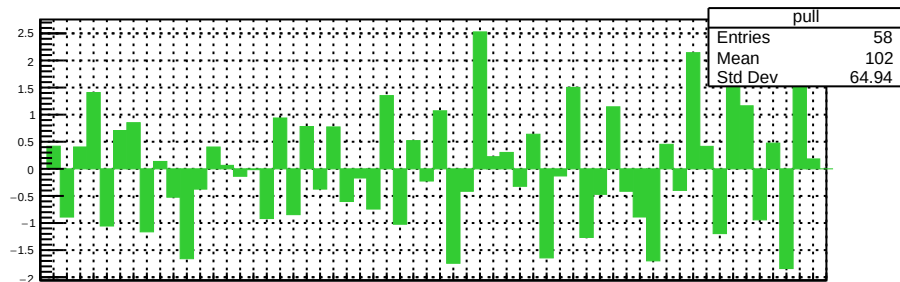
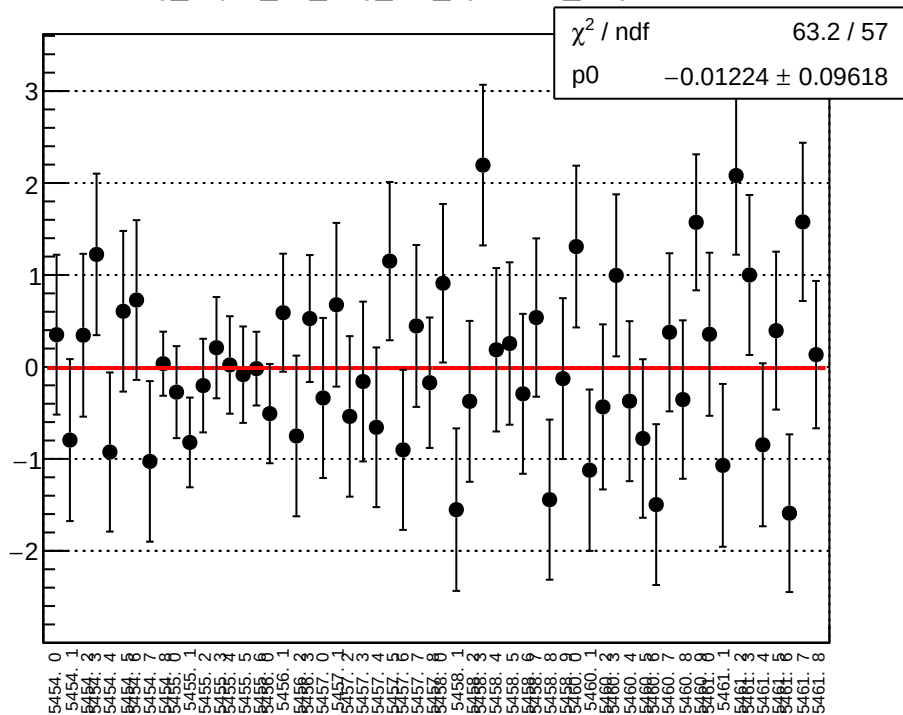
reg\_asym\_us\_dd\_diff\_bpm12X\_slope vs run



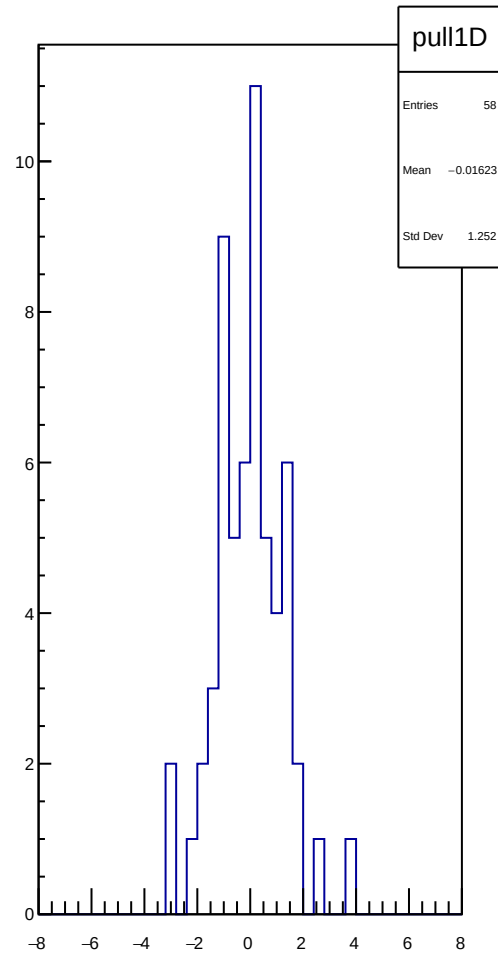
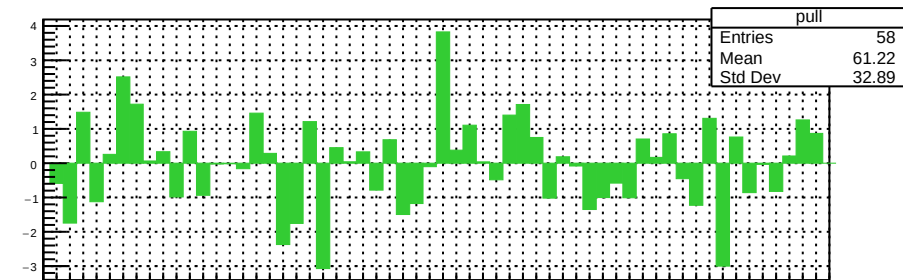
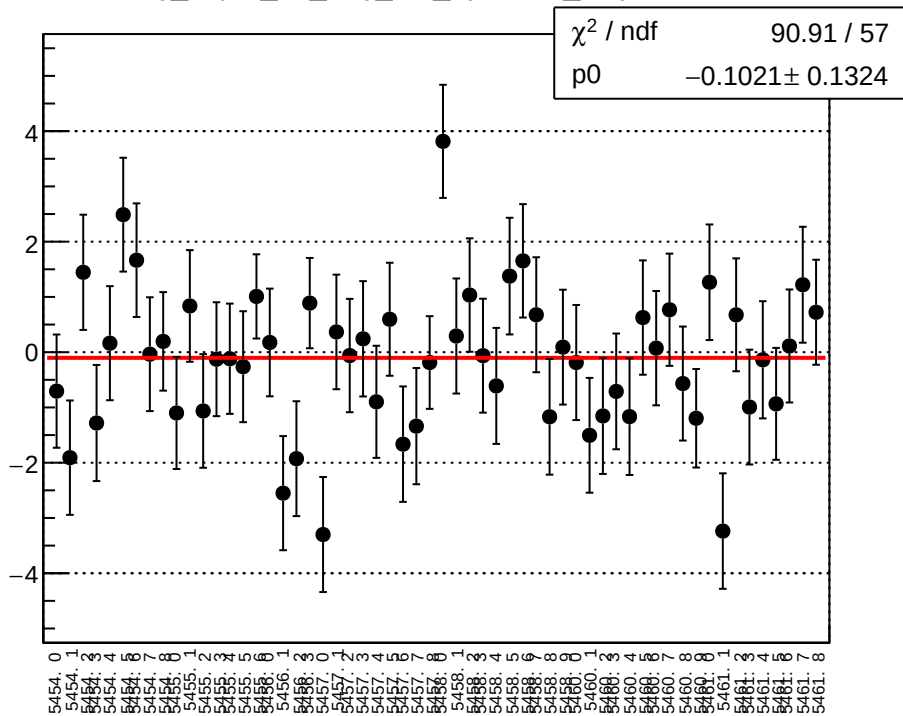
reg\_asym\_ds\_avg\_diff\_bpm4aX\_slope vs run



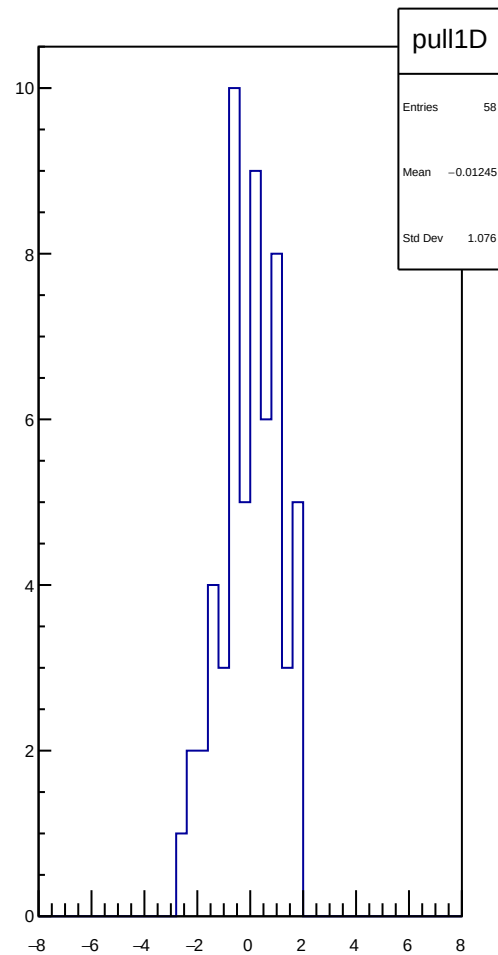
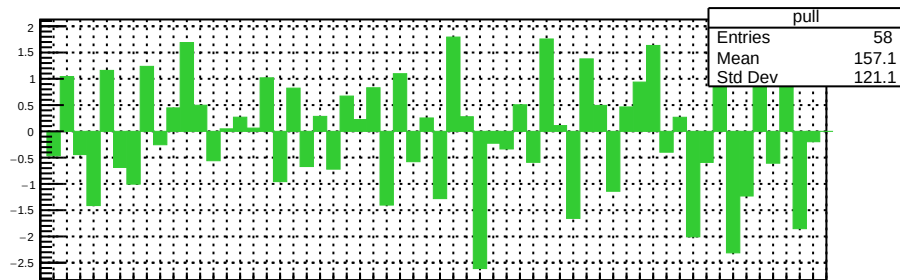
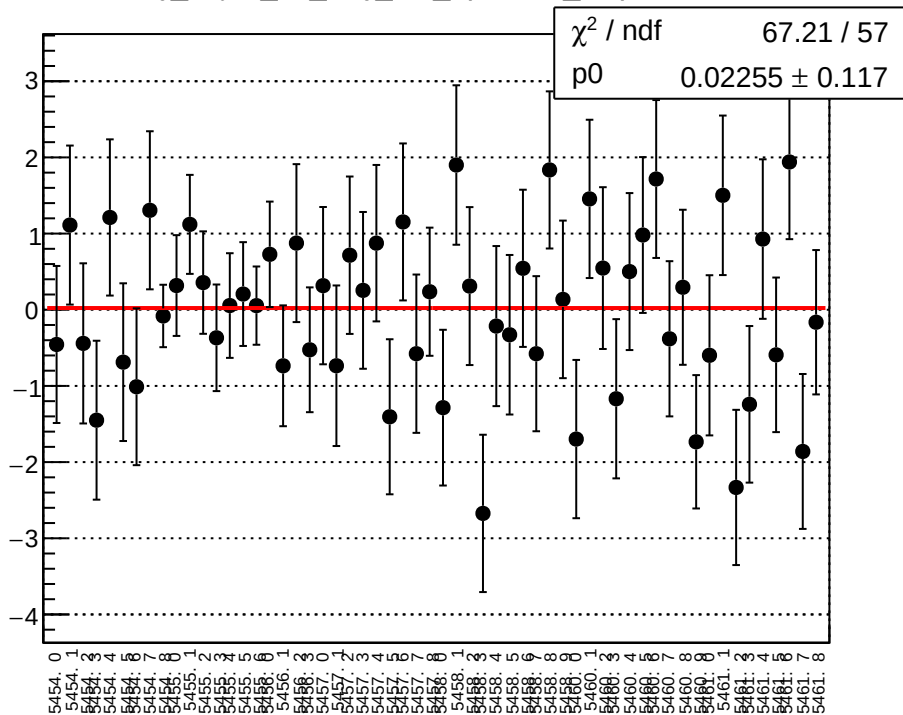
reg\_asym\_ds\_avg\_diff\_bpm4aY\_slope vs run



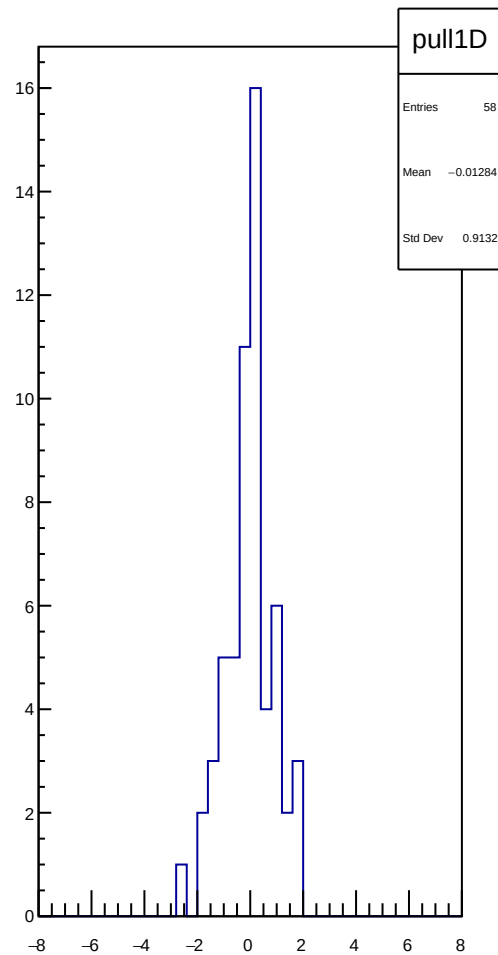
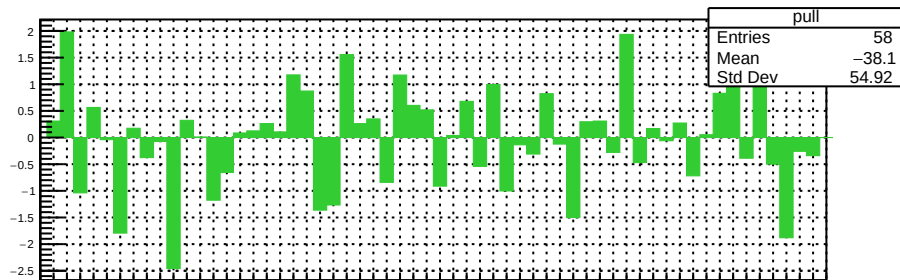
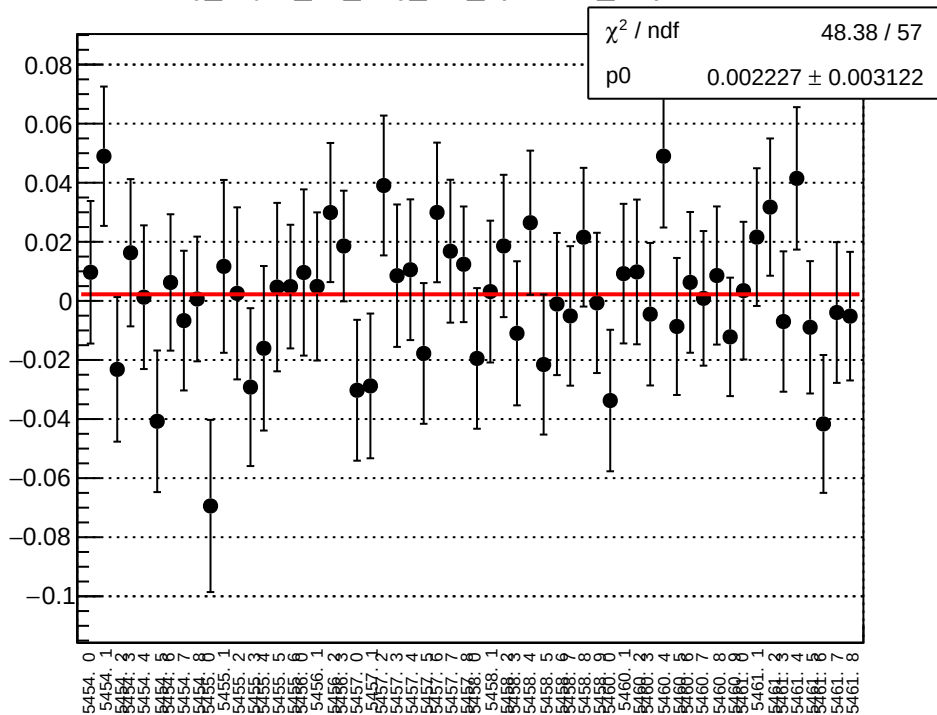
reg\_asym\_ds\_avg\_diff\_bpm4eX\_slope vs run



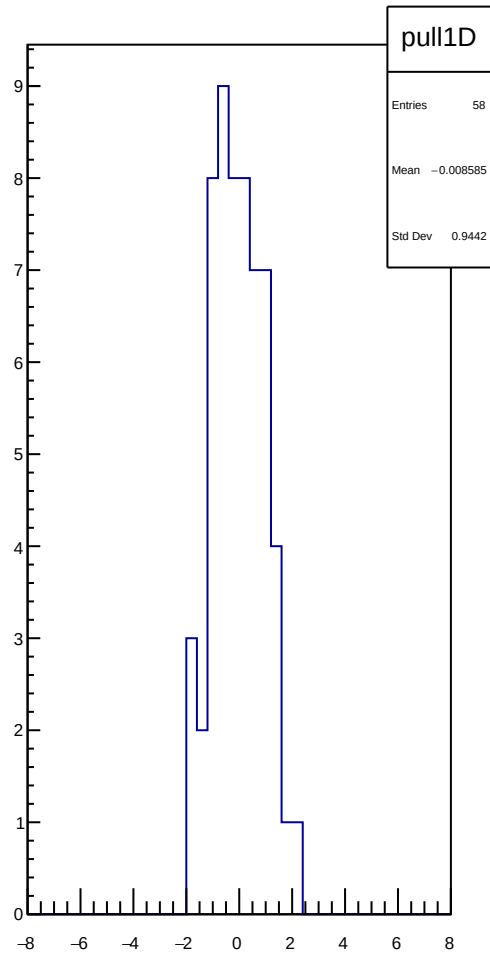
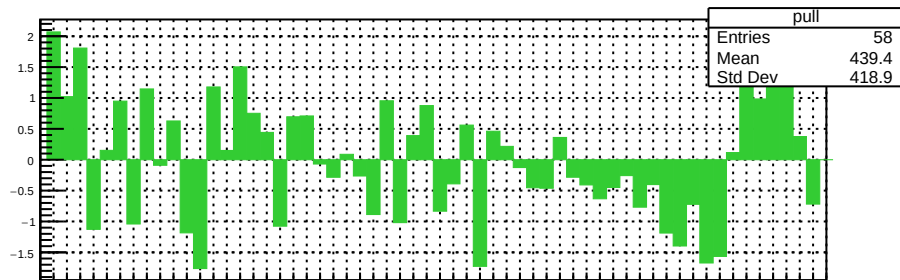
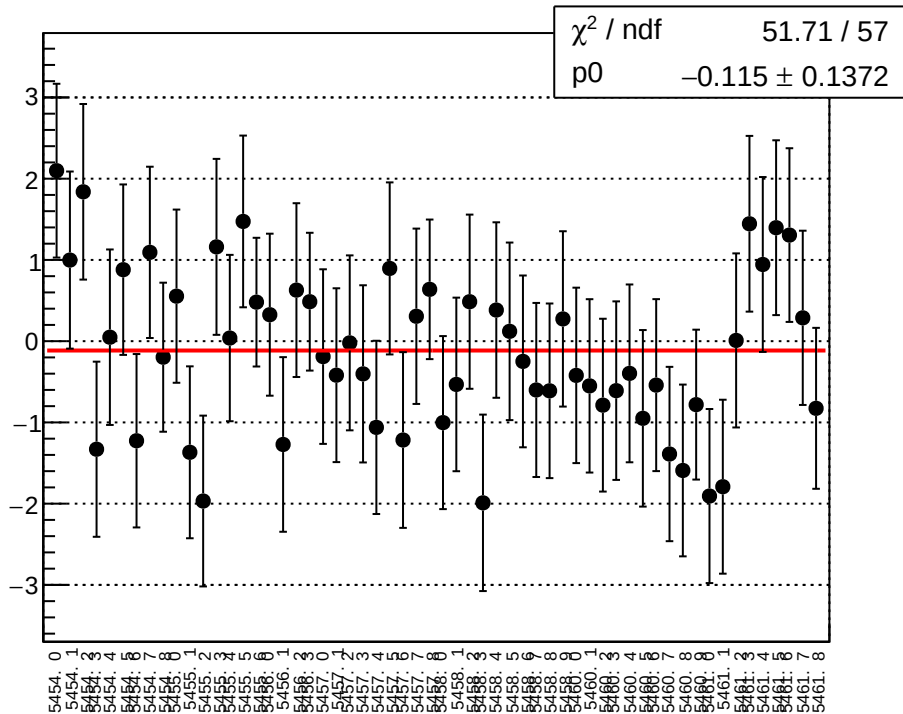
reg\_asym\_ds\_avg\_diff\_bpm4eY\_slope vs run



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

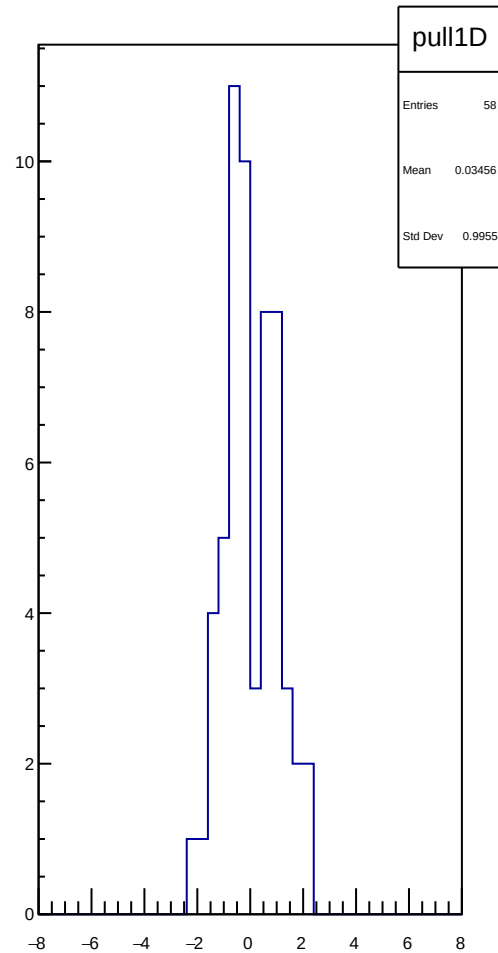
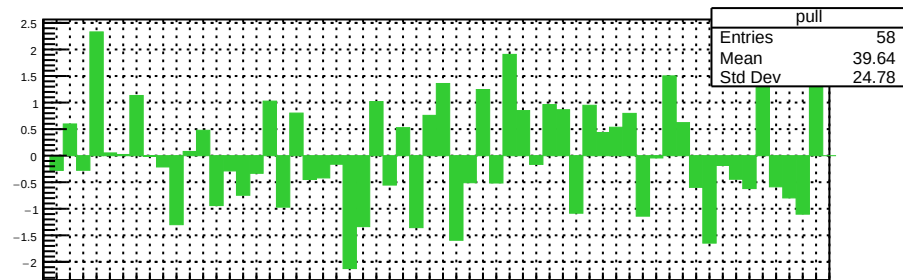
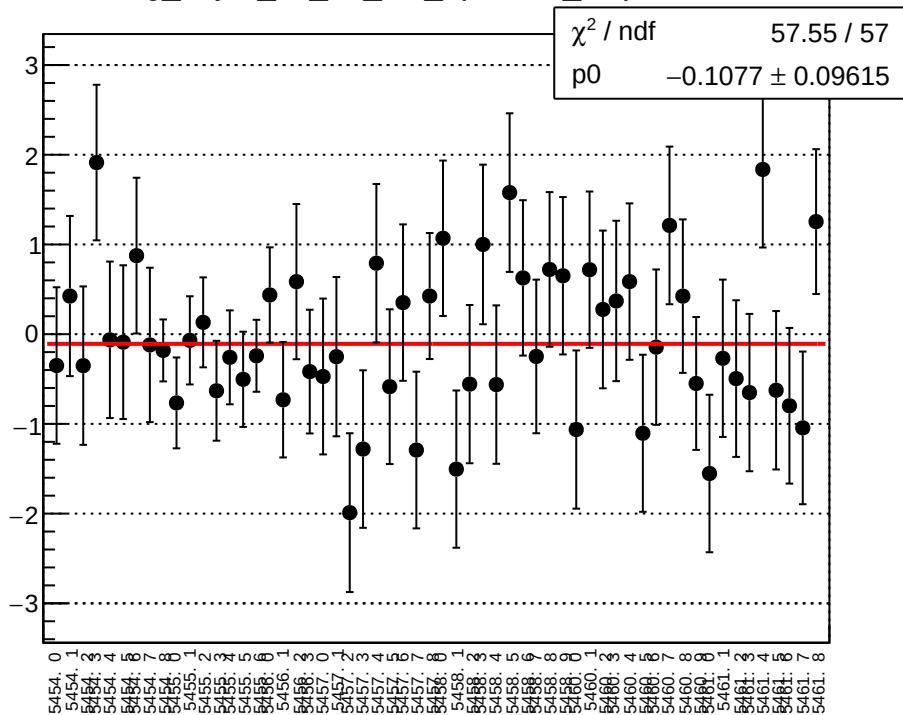


reg\_asym\_ds\_dd\_diff\_bpm4aX\_slope vs run

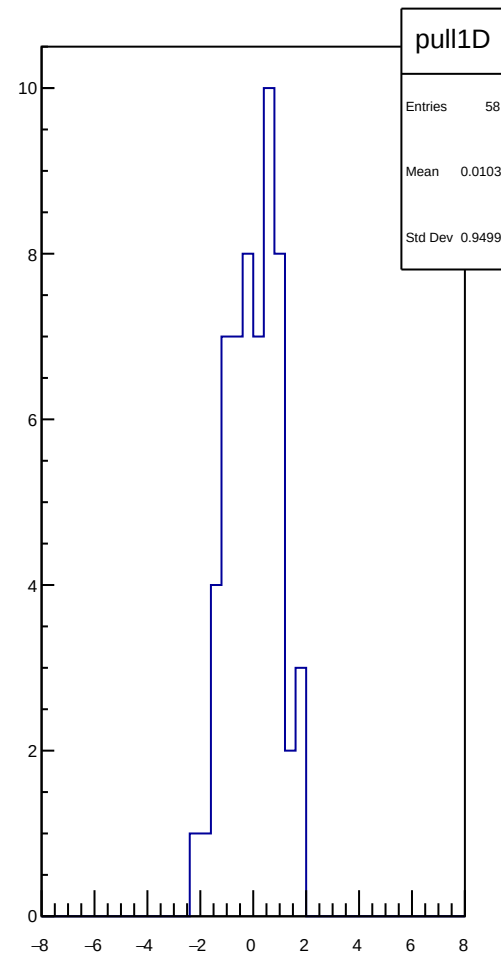
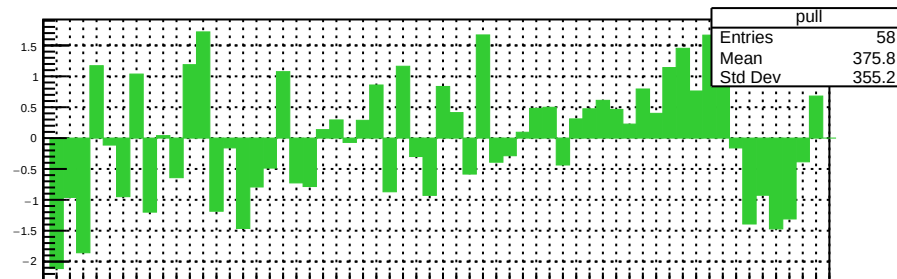
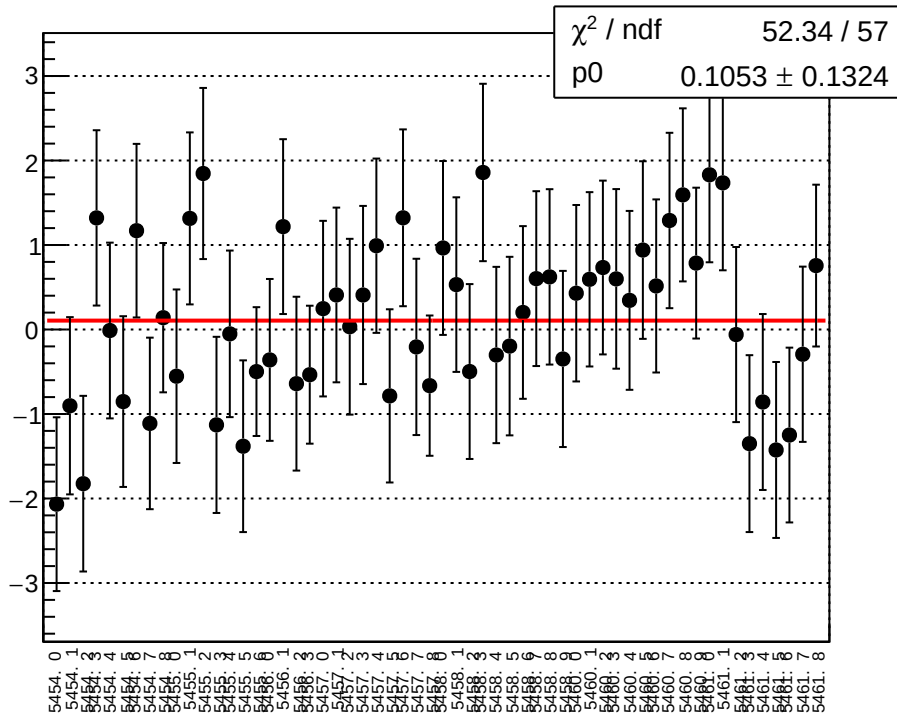




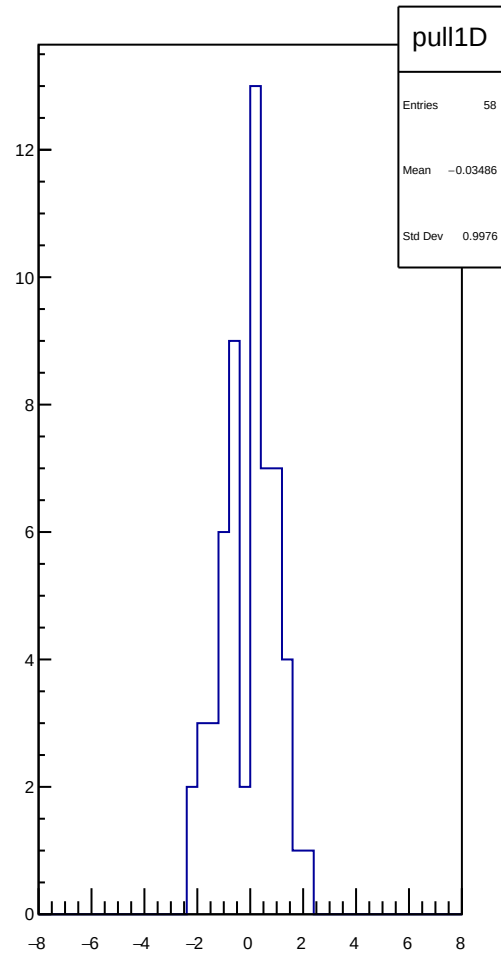
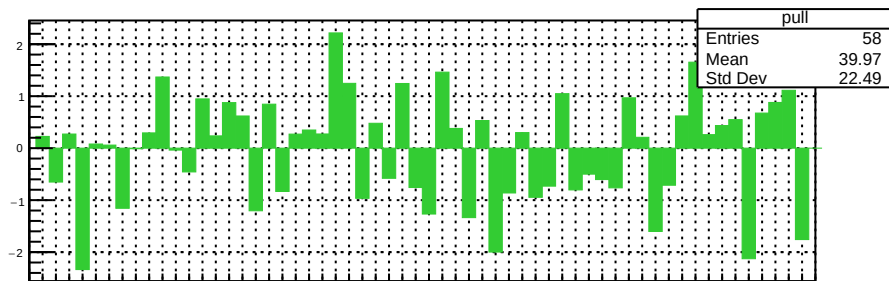
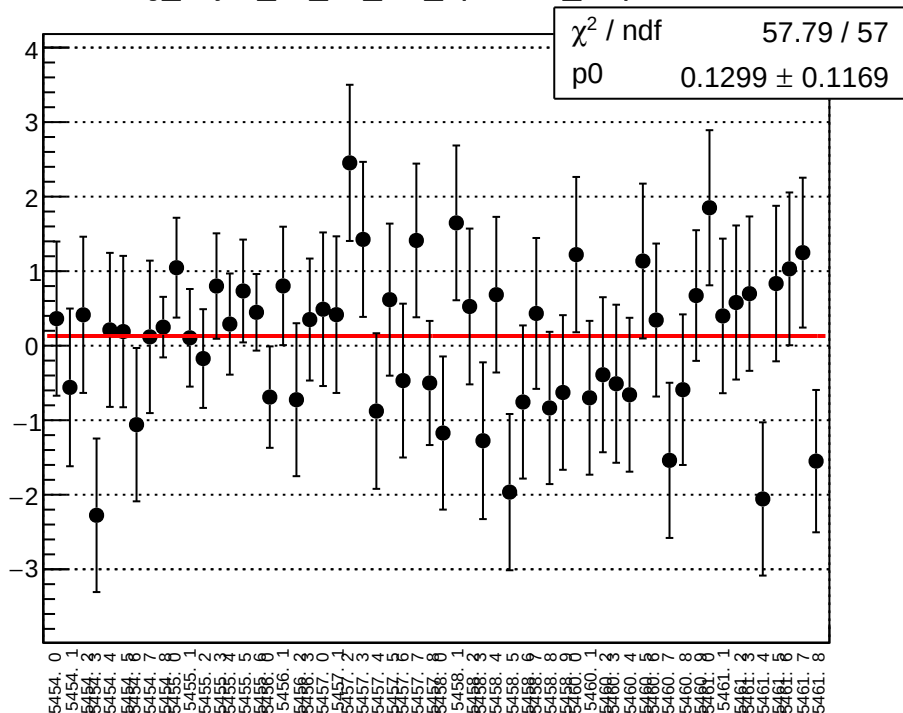
# reg\_asym\_ds\_dd\_diff\_bpm4aY\_slope vs run



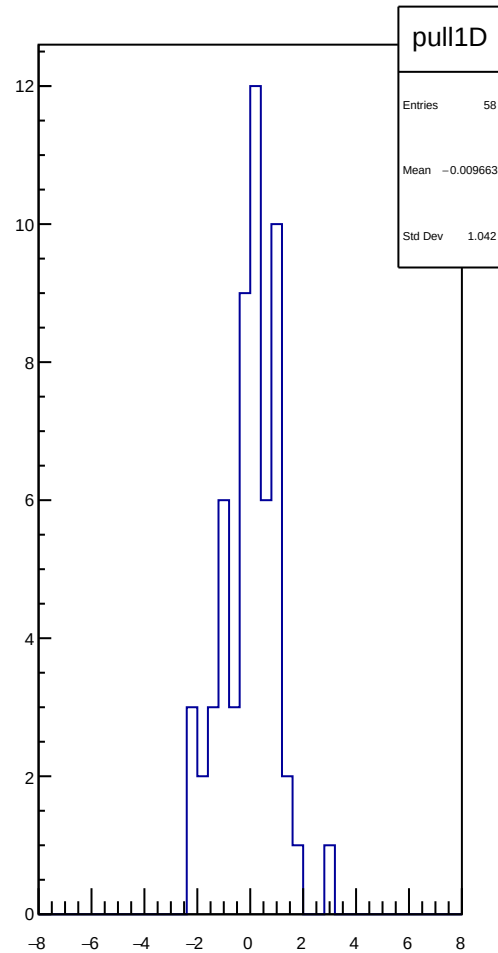
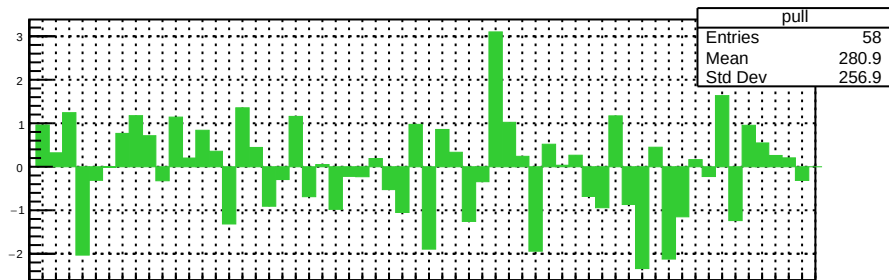
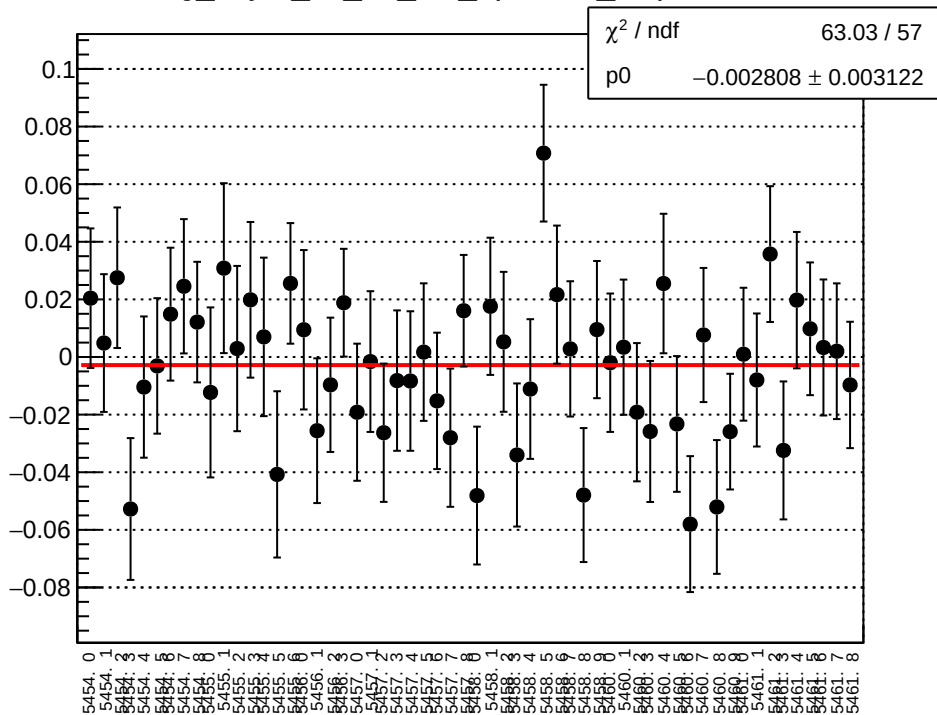
reg\_asym\_ds\_dd\_diff\_bpm4eX\_slope vs run



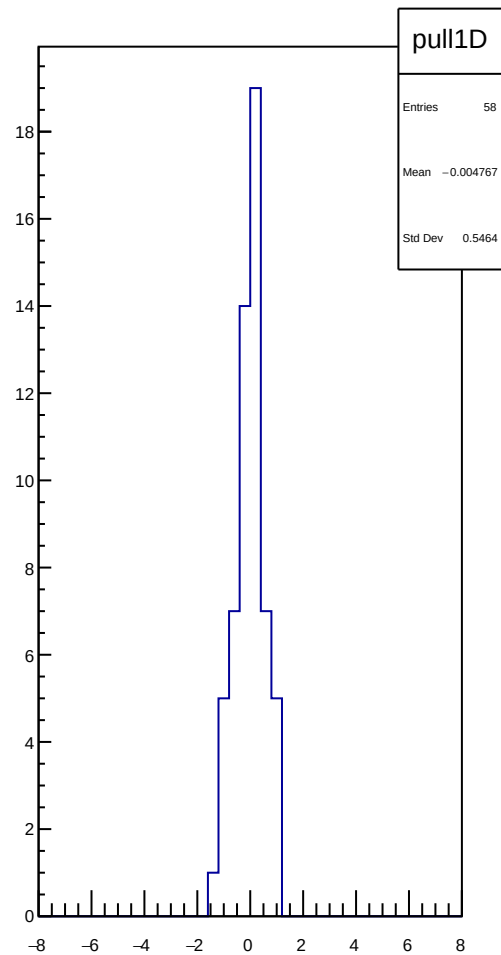
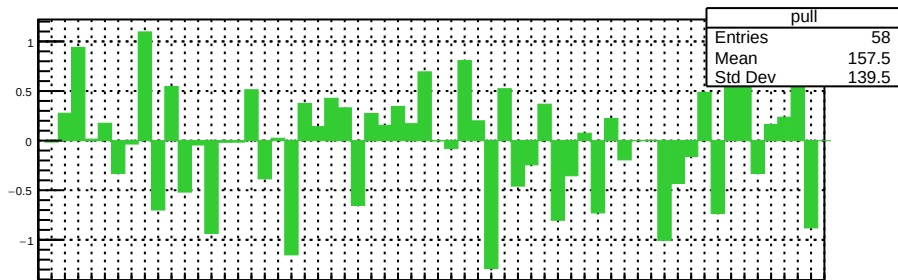
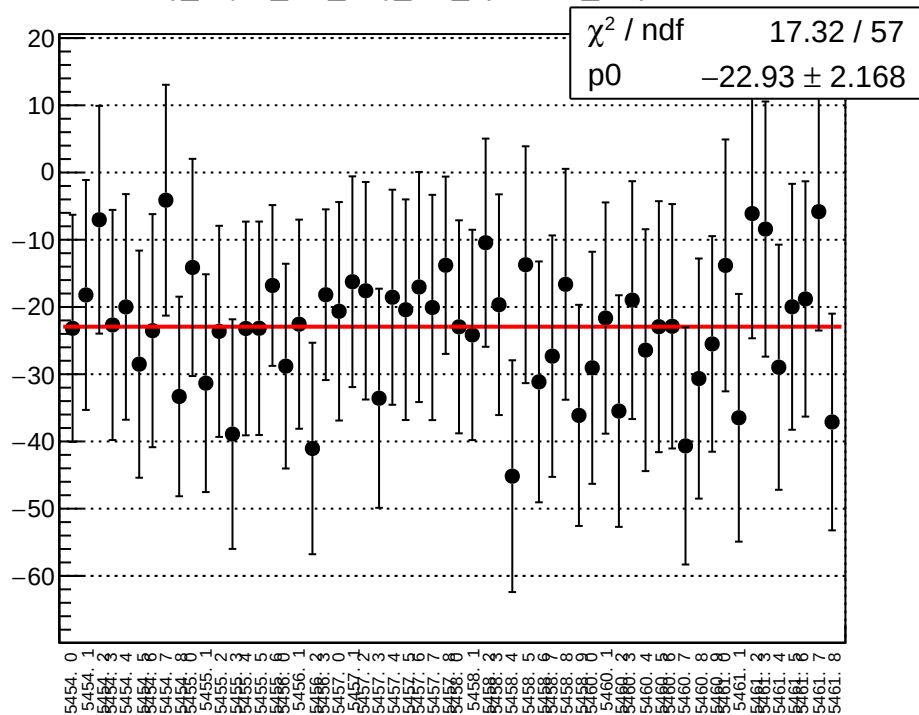
reg\_asym\_ds\_dd\_diff\_bpm4eY\_slope vs run



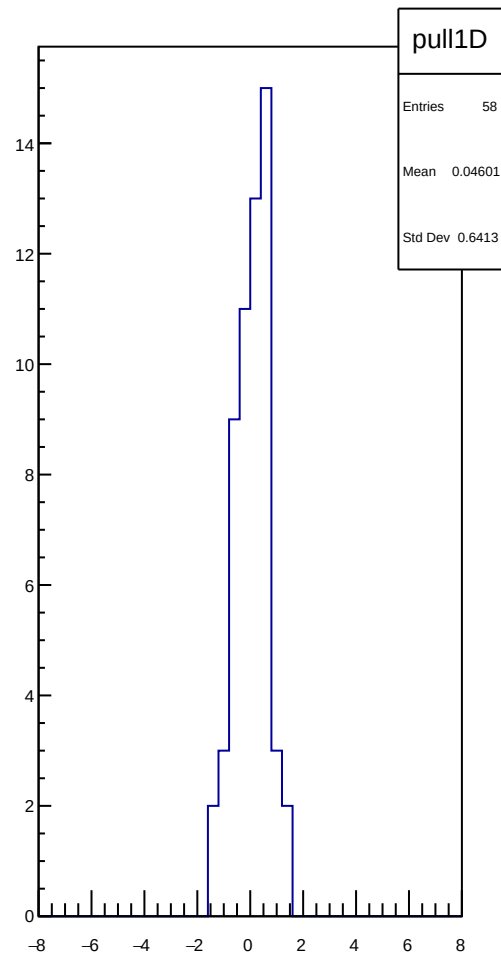
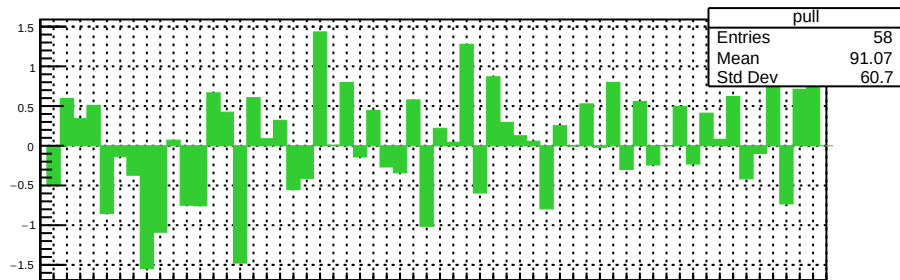
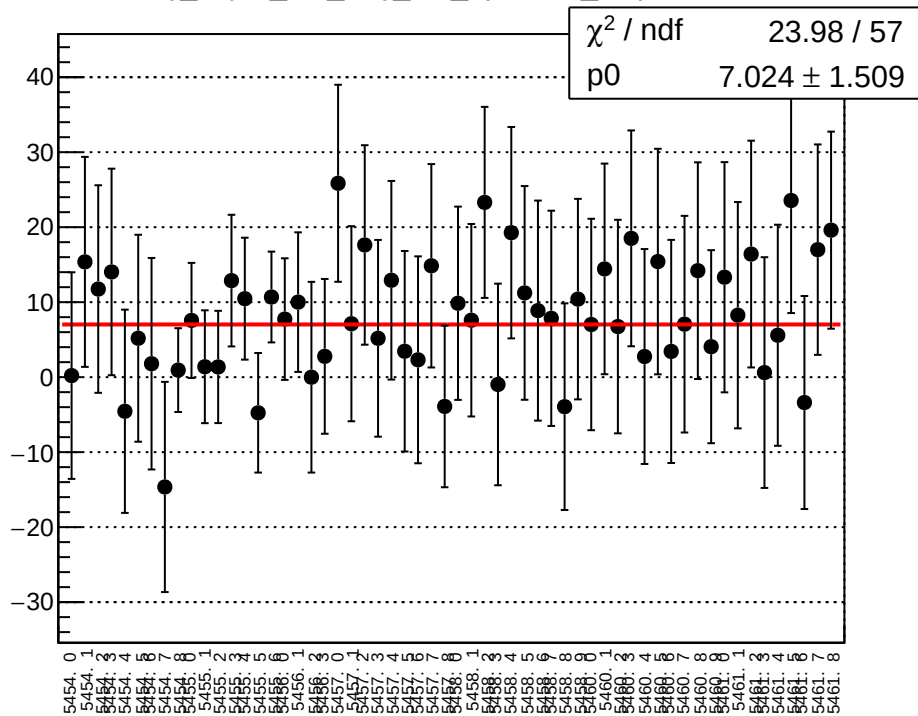
reg\_asym\_ds\_dd\_diff\_bpm12X\_slope vs run



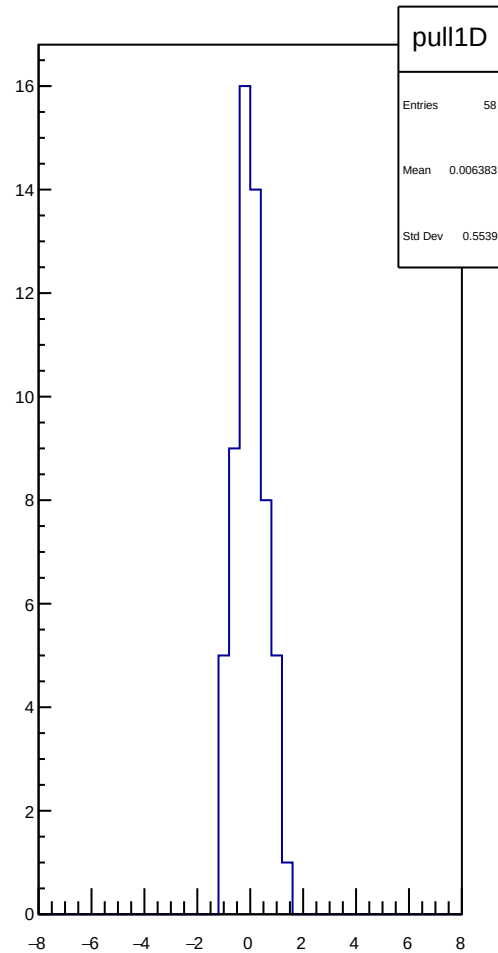
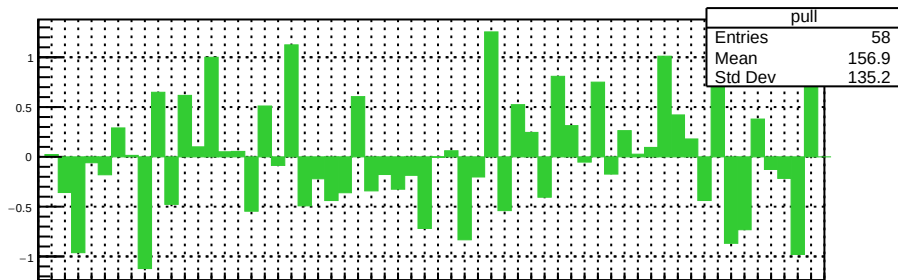
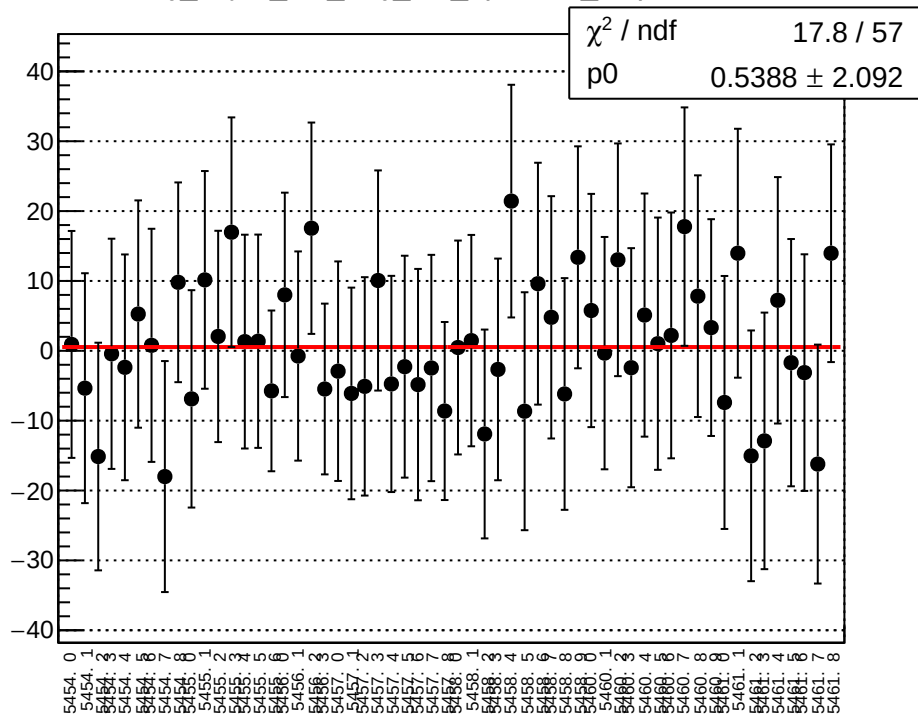
reg\_asym\_left\_avg\_diff\_bpm4aX\_slope vs run



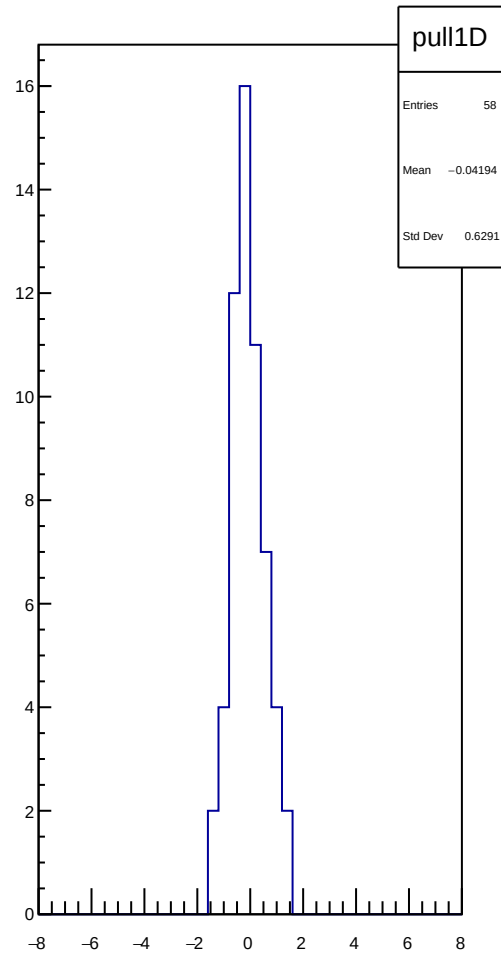
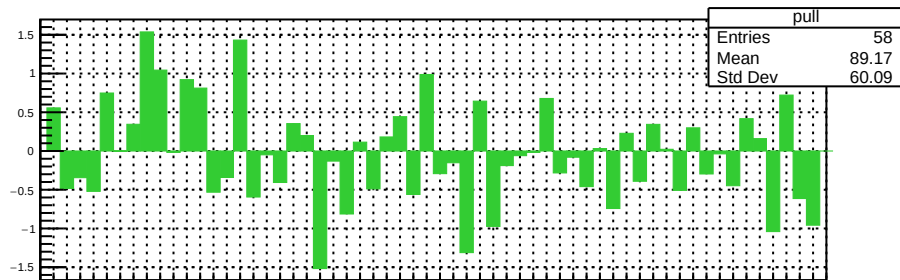
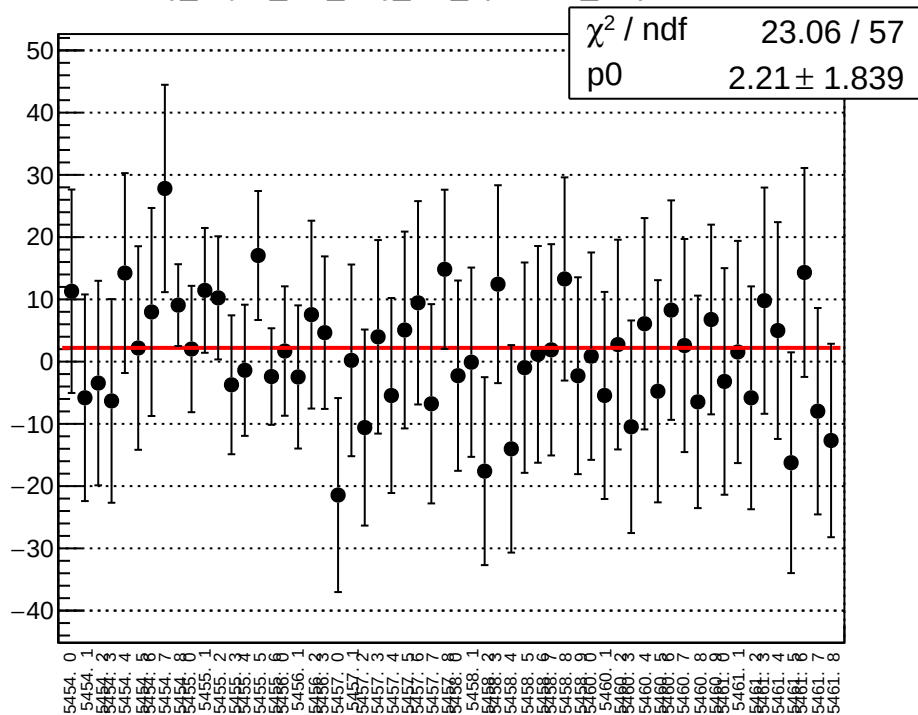
reg\_asym\_left\_avg\_diff\_bpm4aY\_slope vs run



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

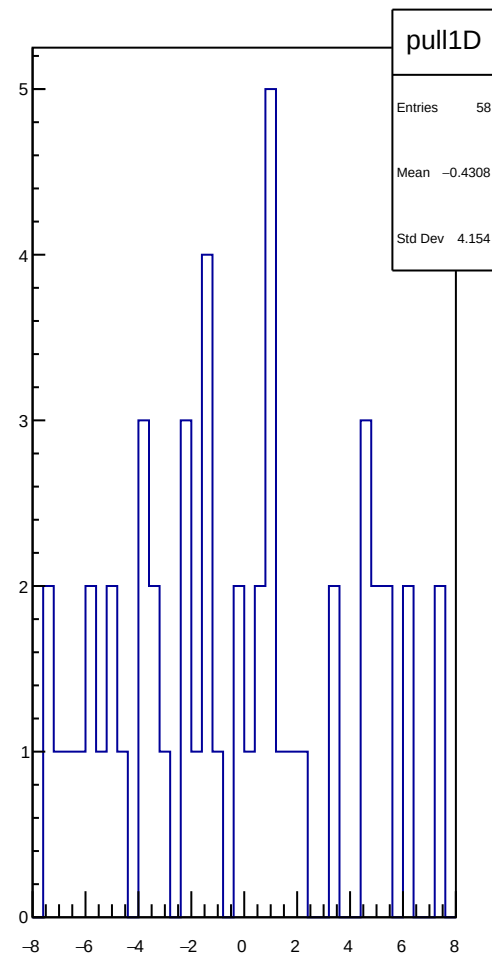
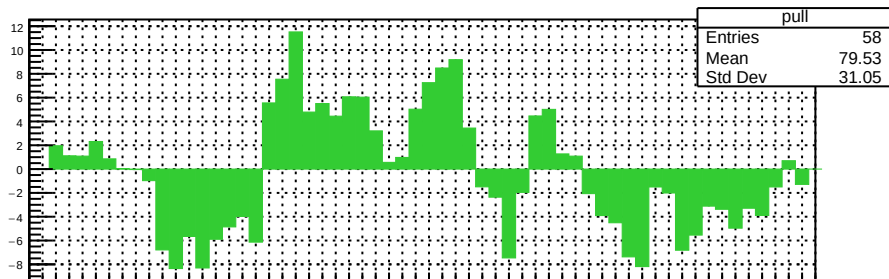
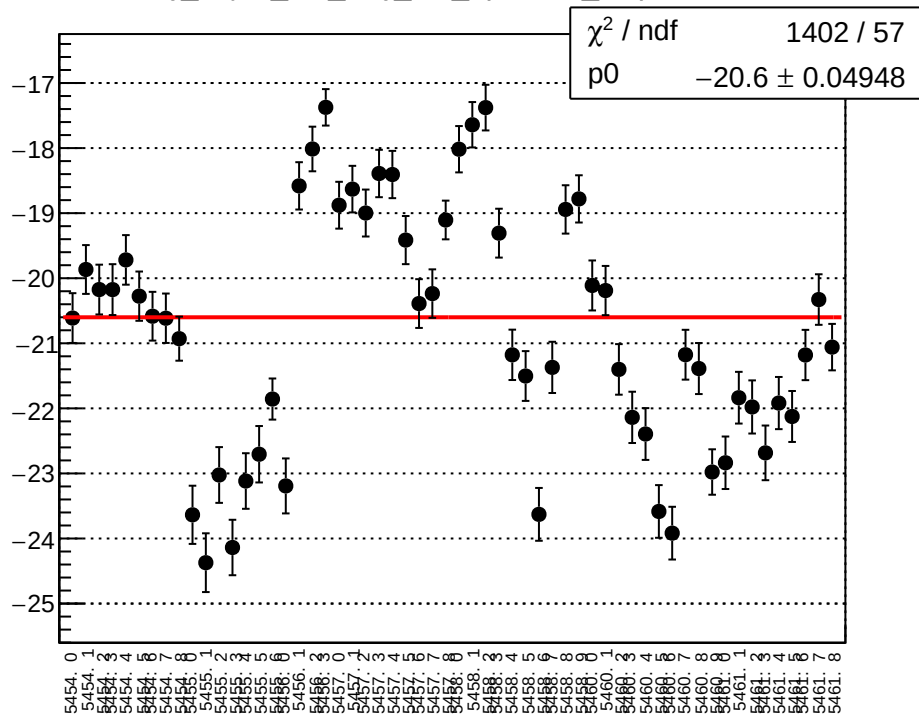


reg\_asym\_left\_avg\_diff\_bpm4eY\_slope vs run

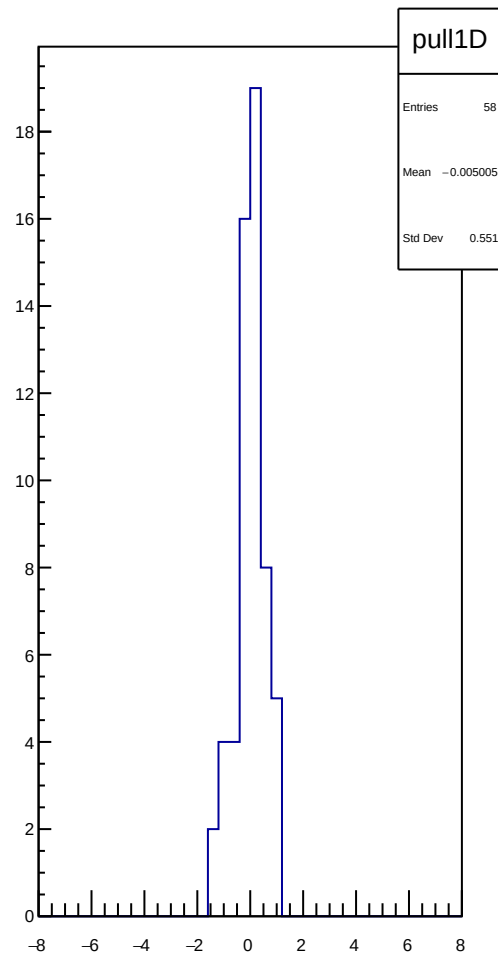
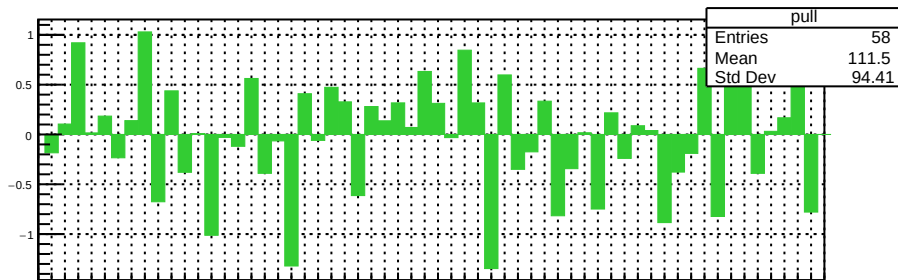
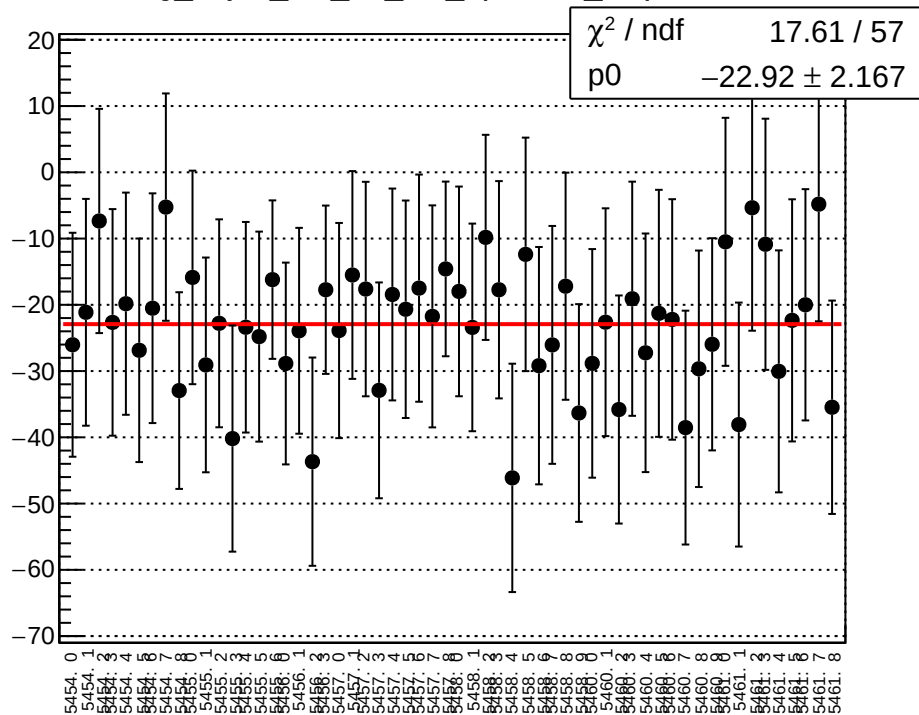




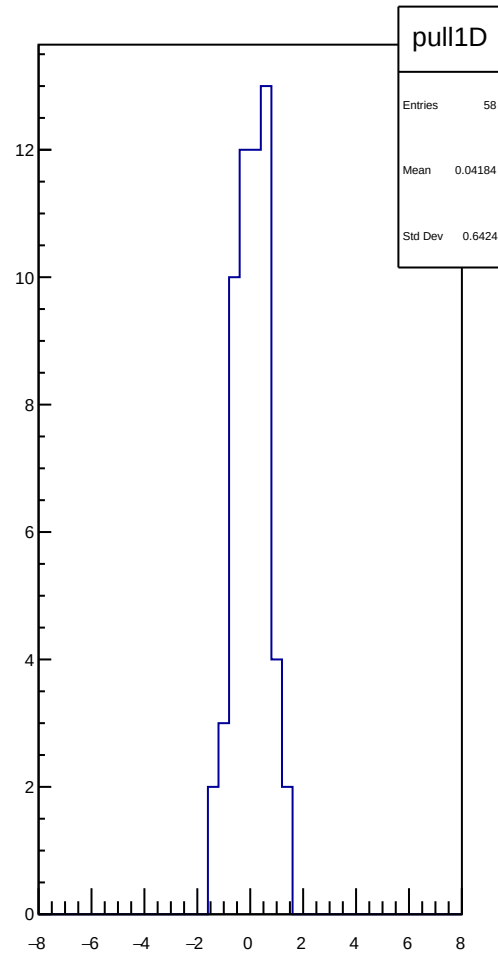
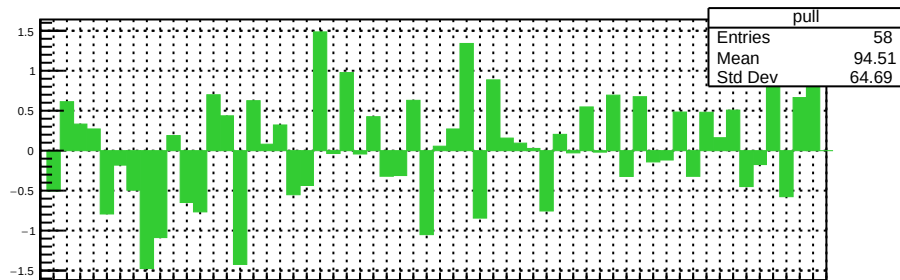
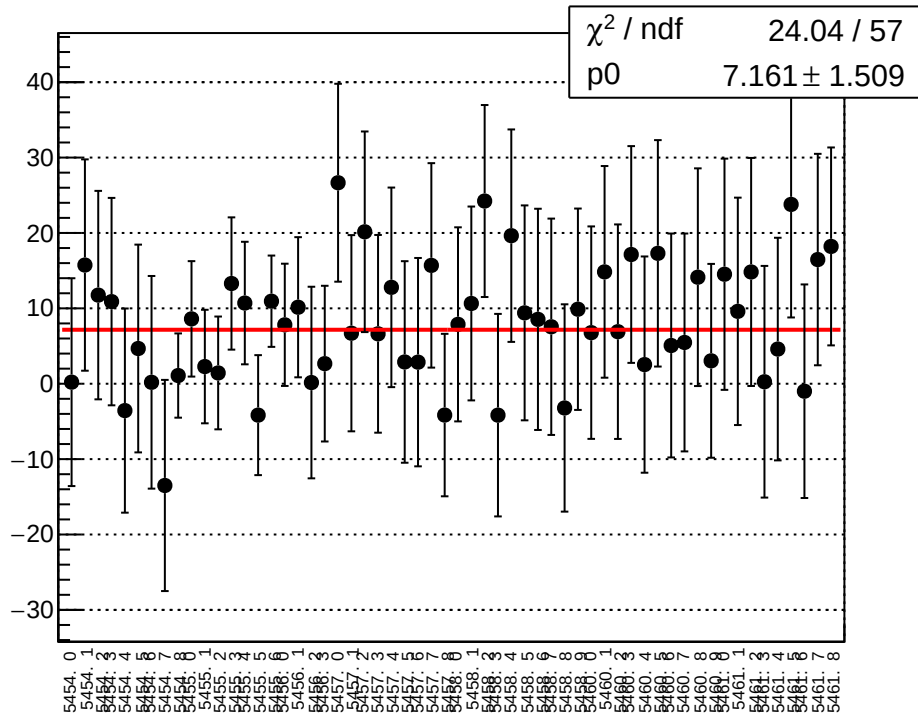
reg\_asym\_left\_avg\_diff\_bpm12X\_slope vs run



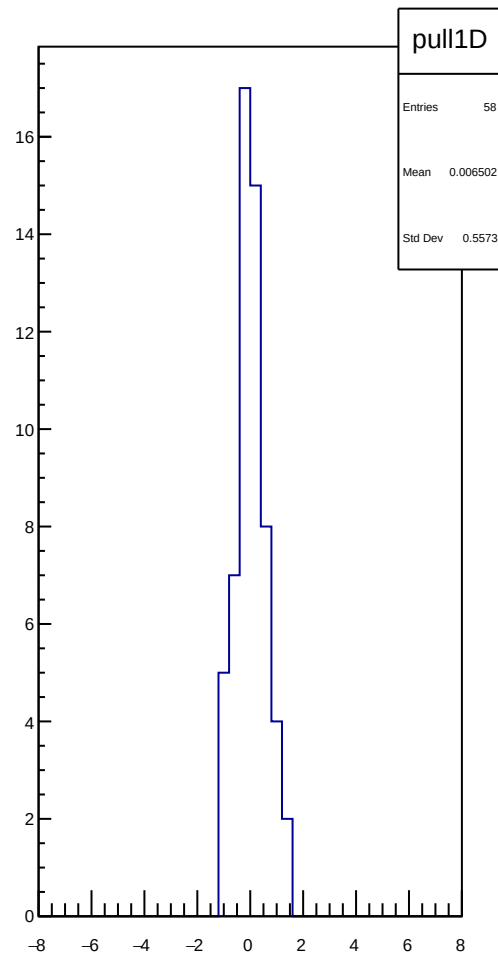
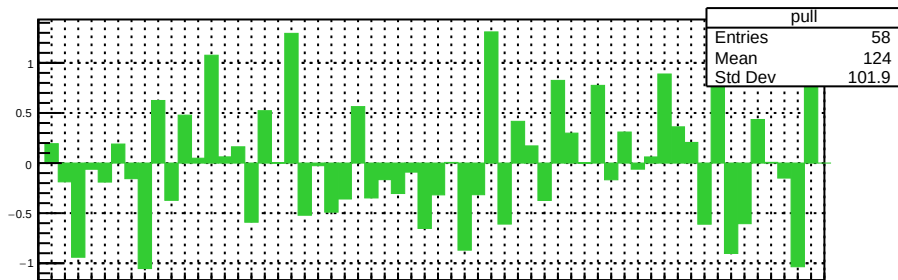
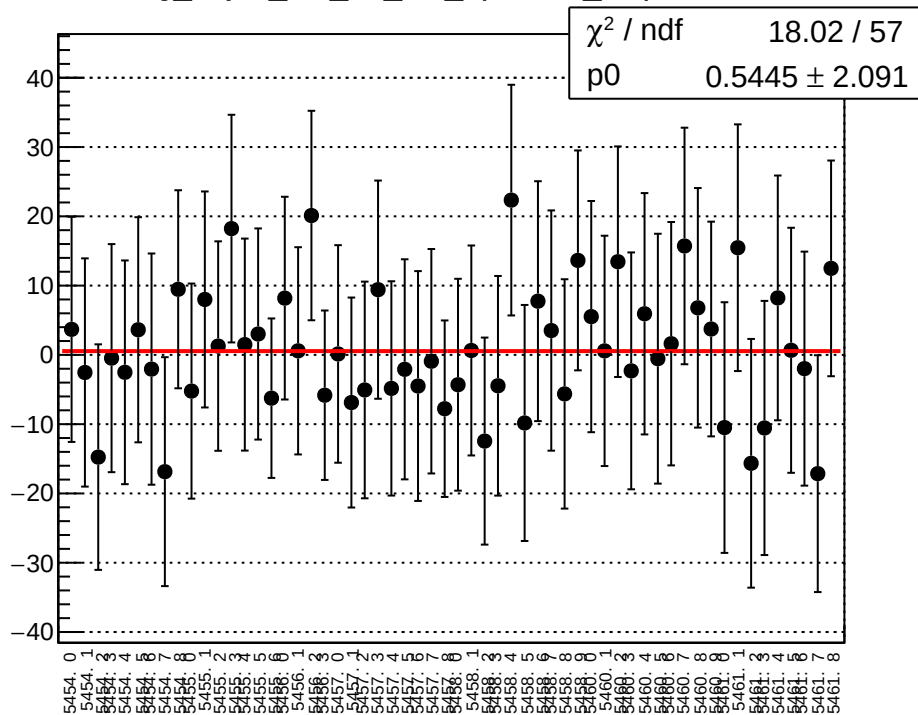
reg\_asym\_left\_dd\_diff\_bpm4aX\_slope vs run



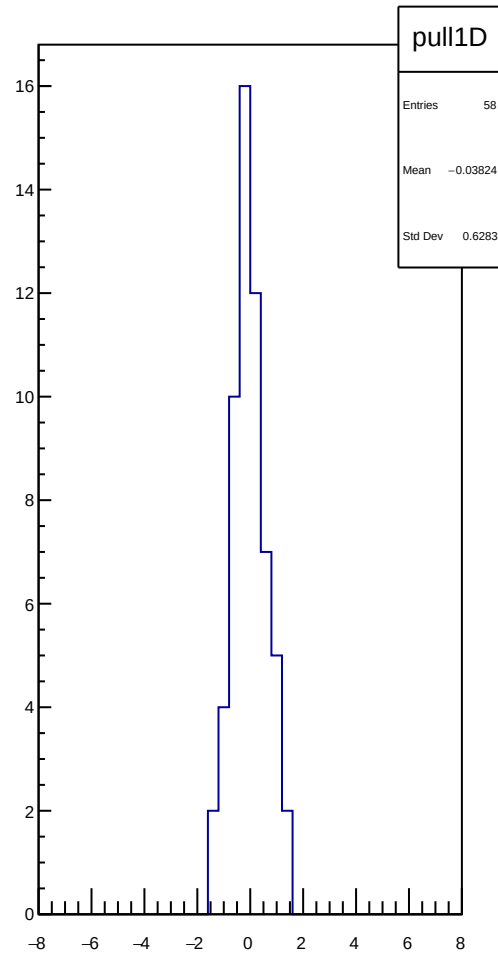
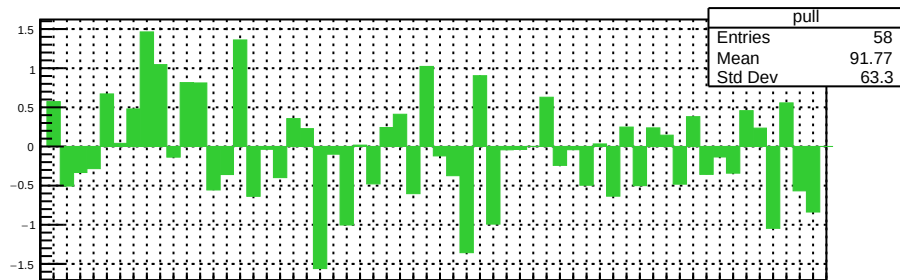
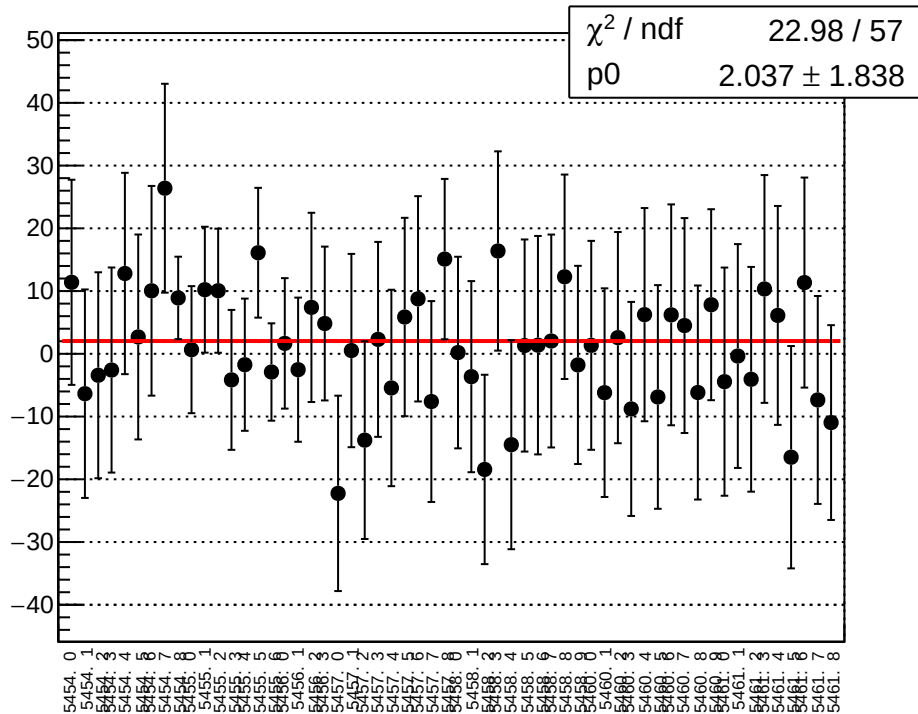
reg\_asym\_left\_dd\_diff\_bpm4aY\_slope vs run



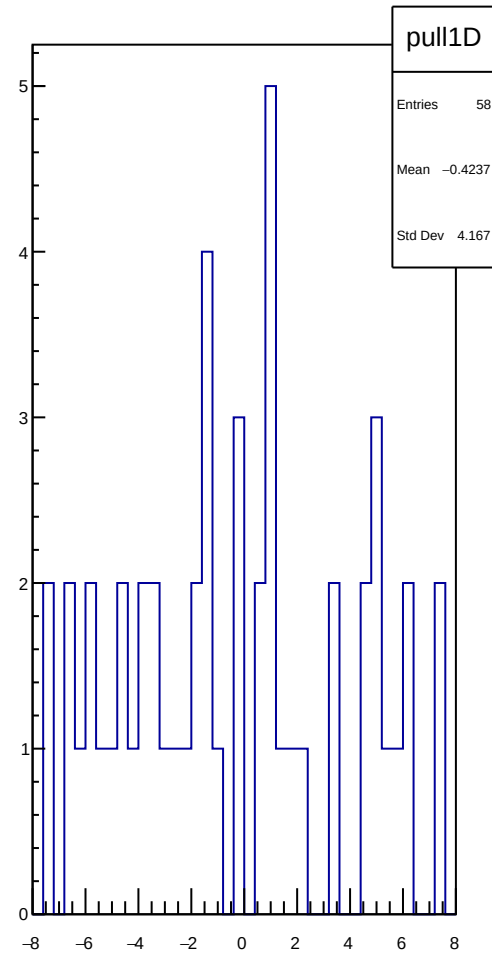
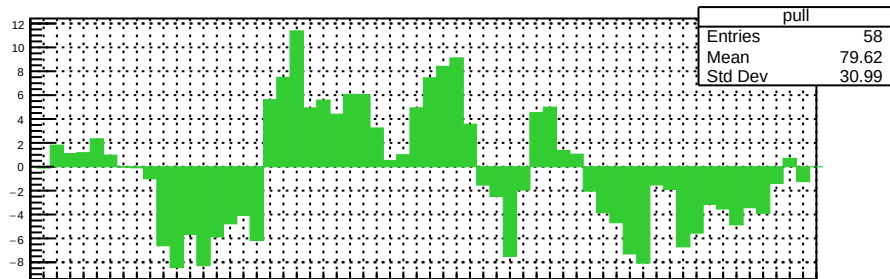
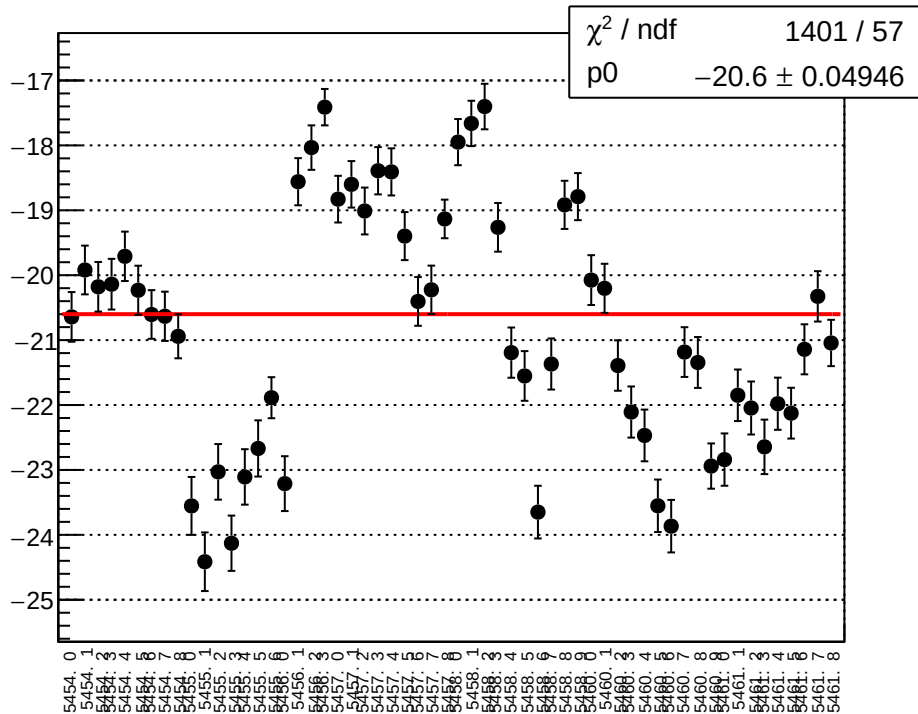
reg\_asym\_left\_dd\_diff\_bpm4eX\_slope vs run



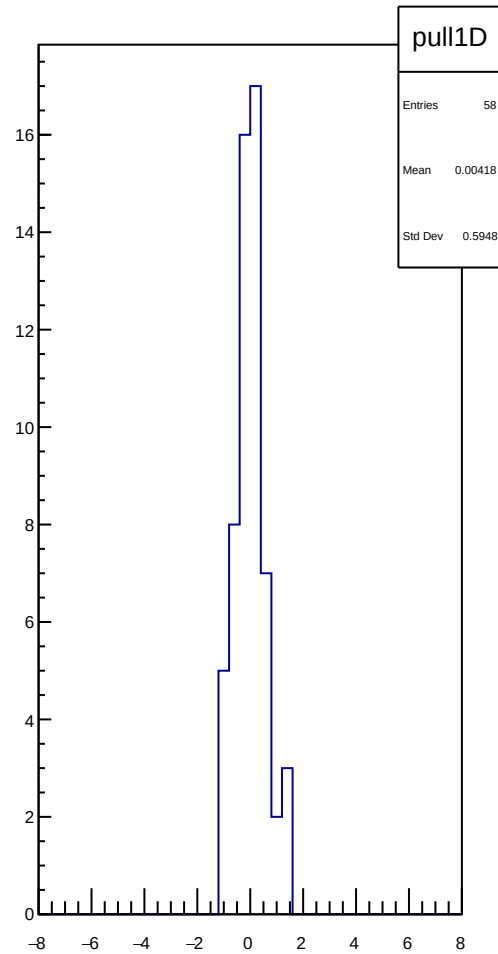
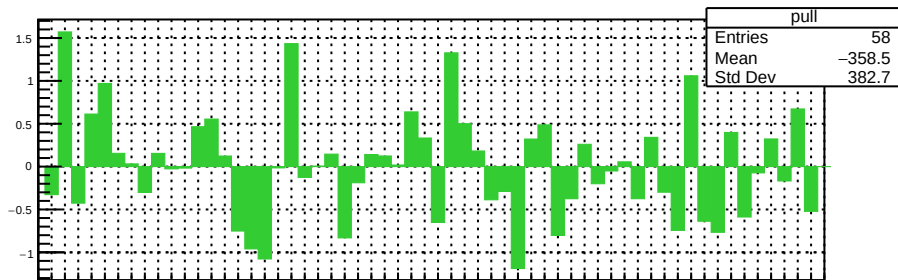
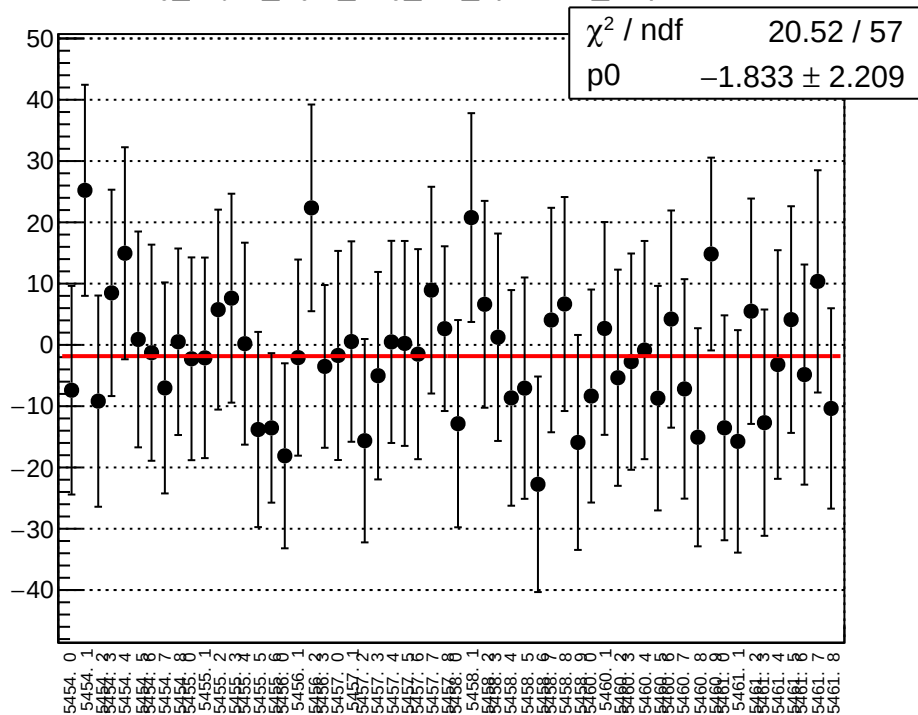
reg\_asym\_left\_dd\_diff\_bpm4eY\_slope vs run



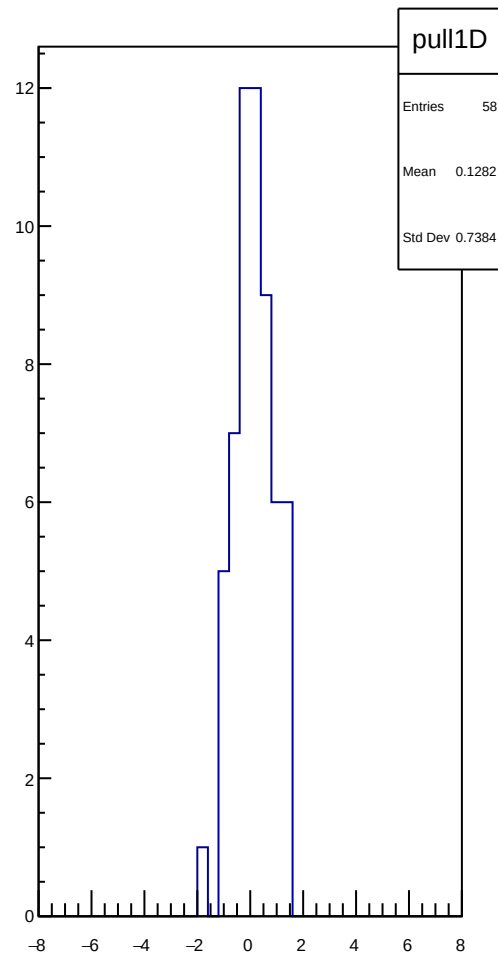
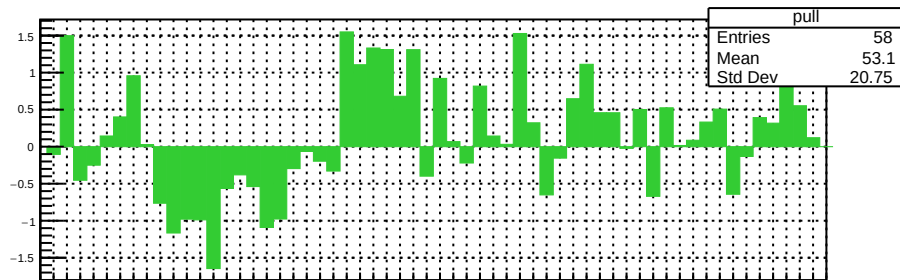
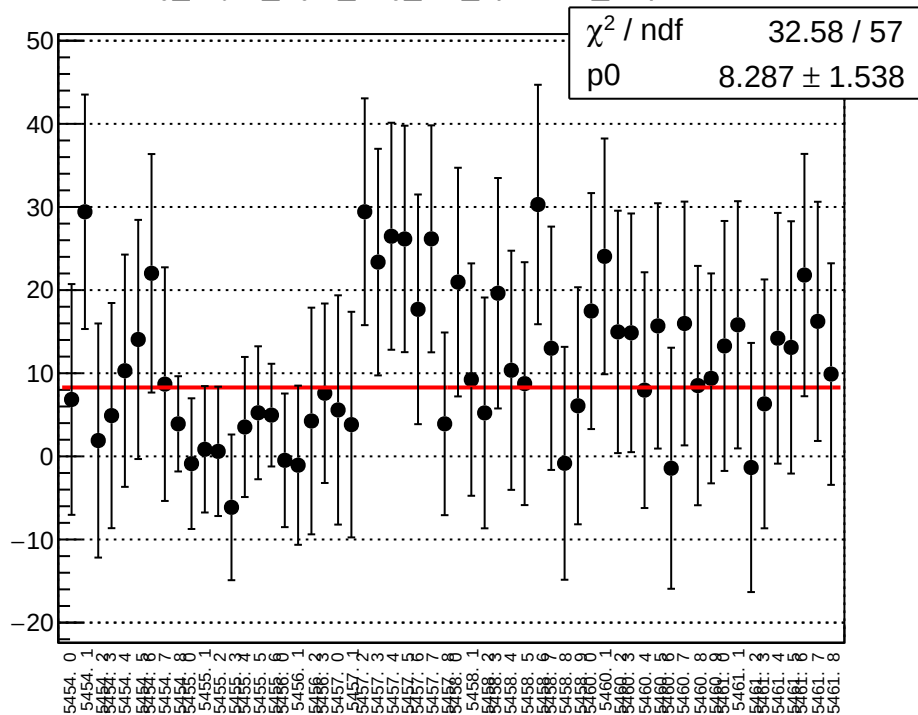
reg\_asym\_left\_dd\_diff\_bpm12X\_slope vs run



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

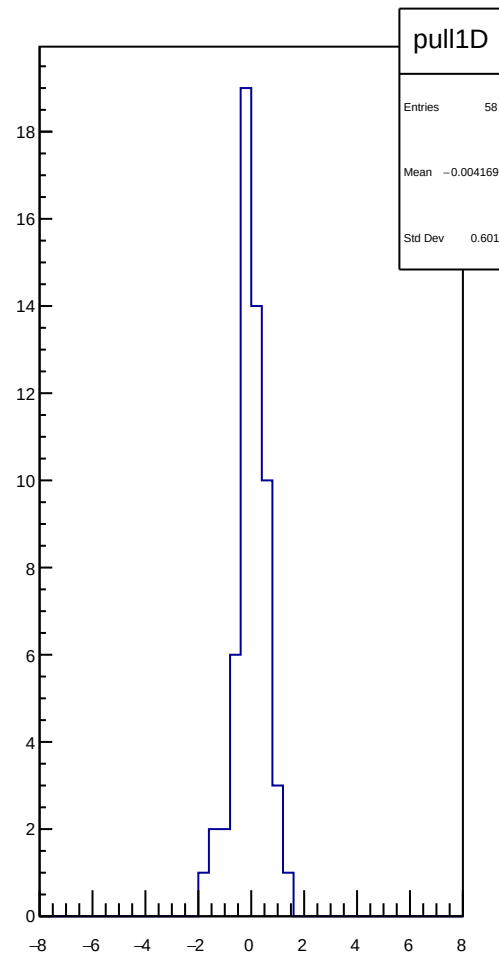
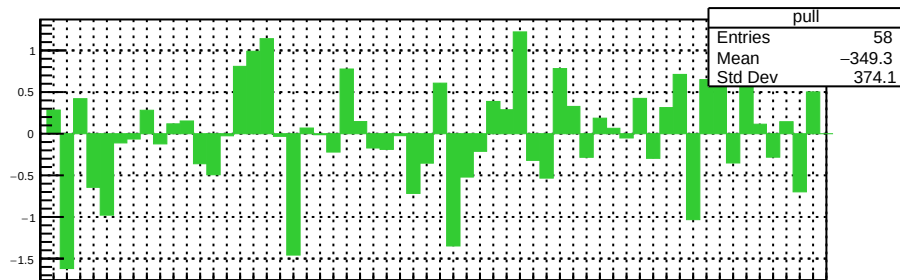
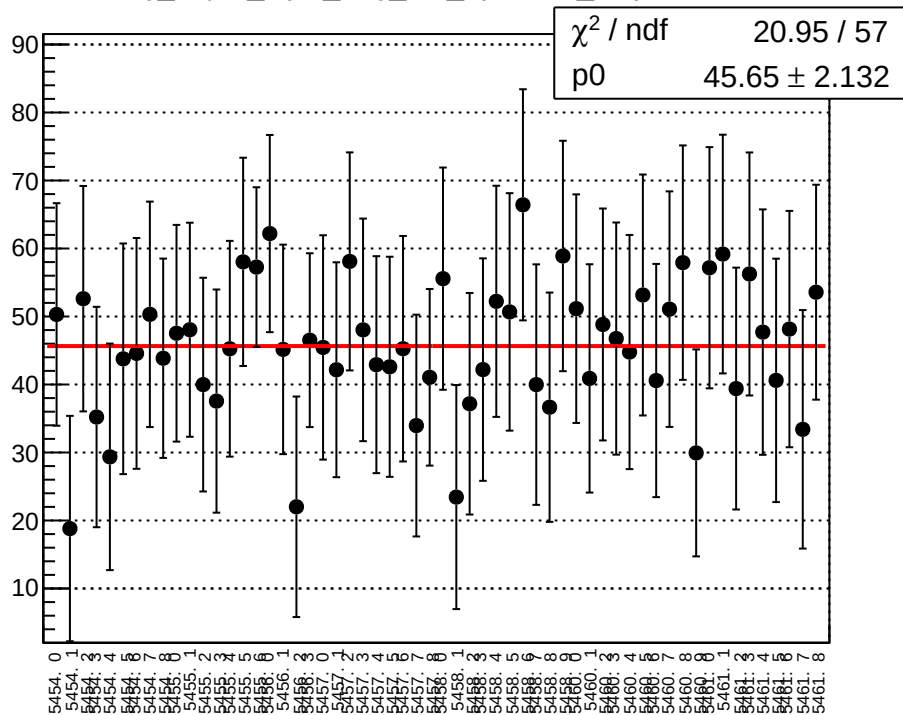


reg\_asym\_right\_avg\_diff\_bpm4aY\_slope vs run

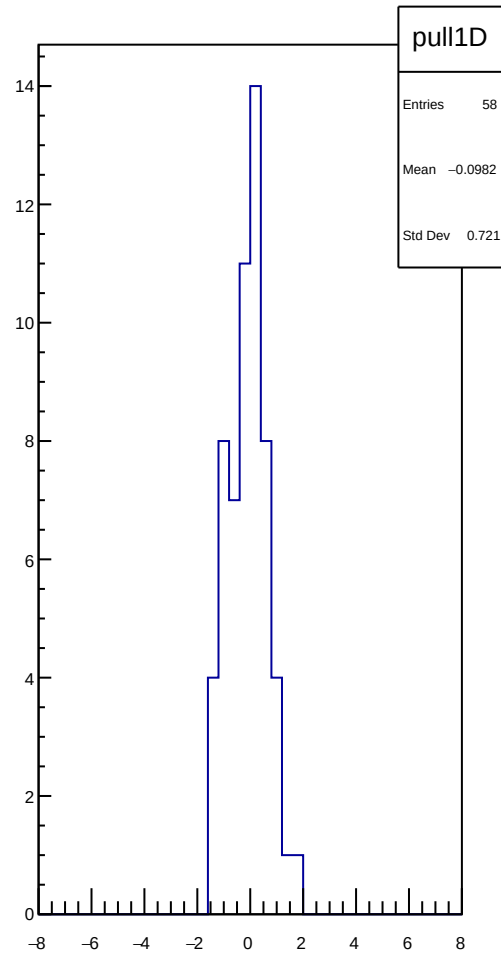
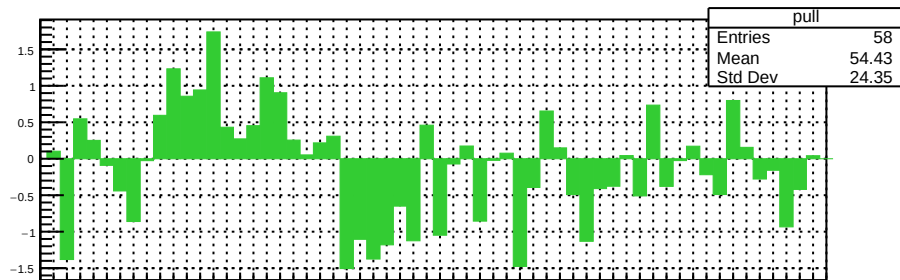
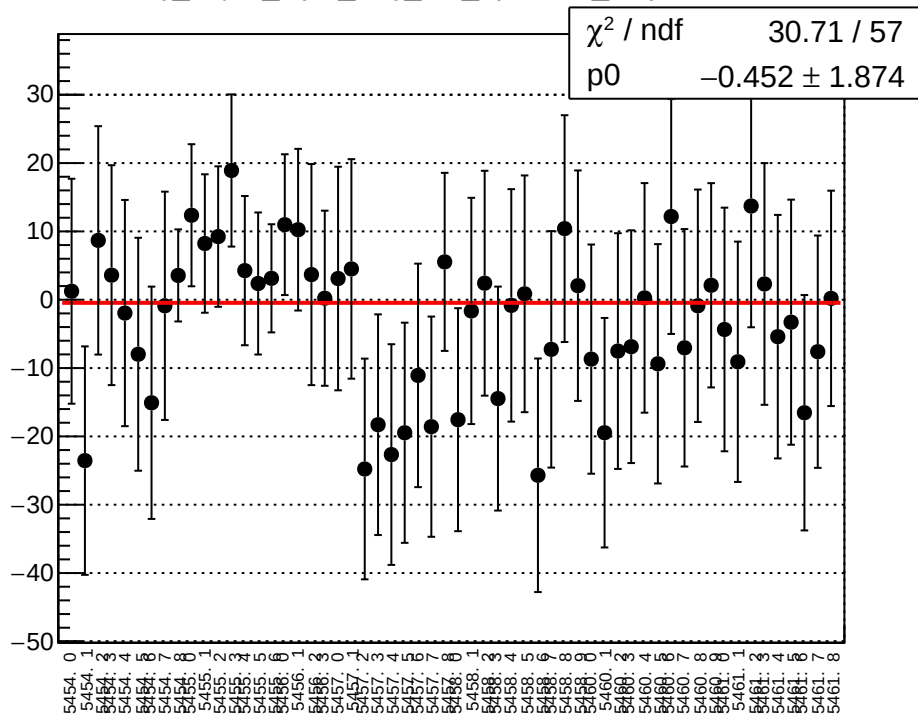




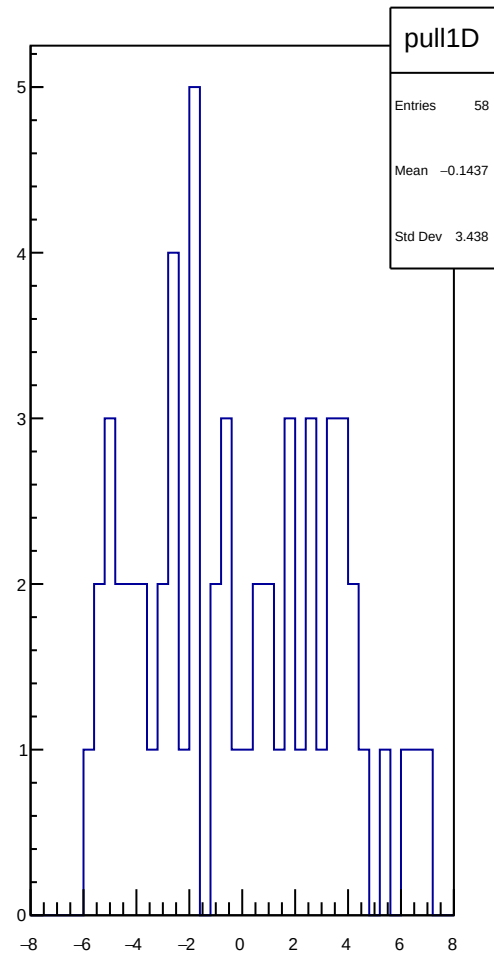
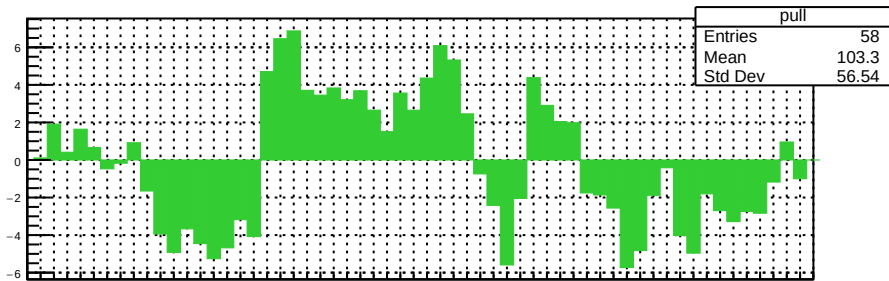
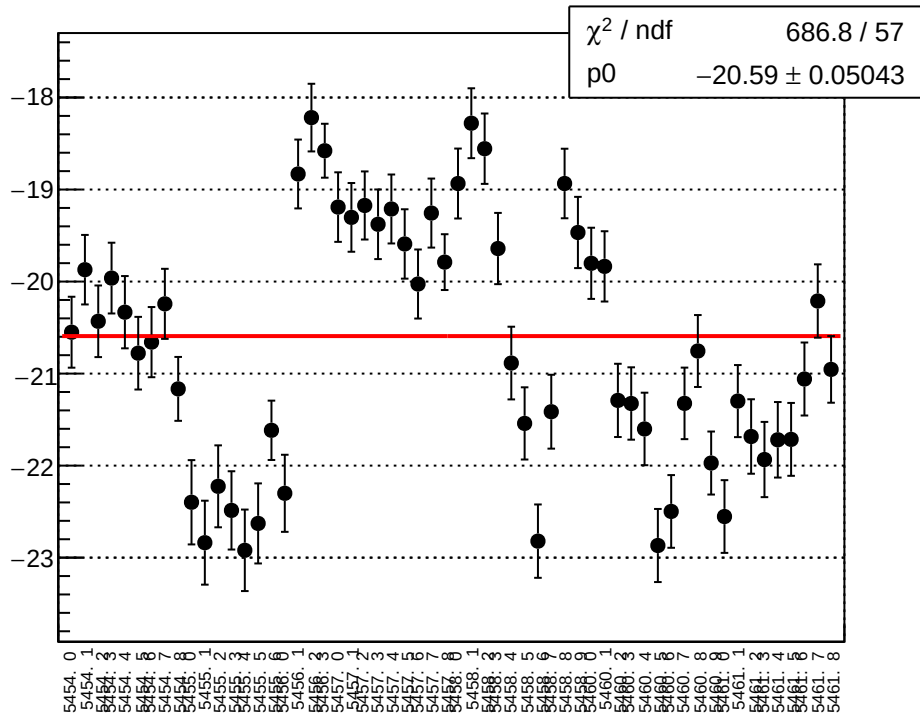
reg\_asym\_right\_avg\_diff\_bpm4eX\_slope vs run



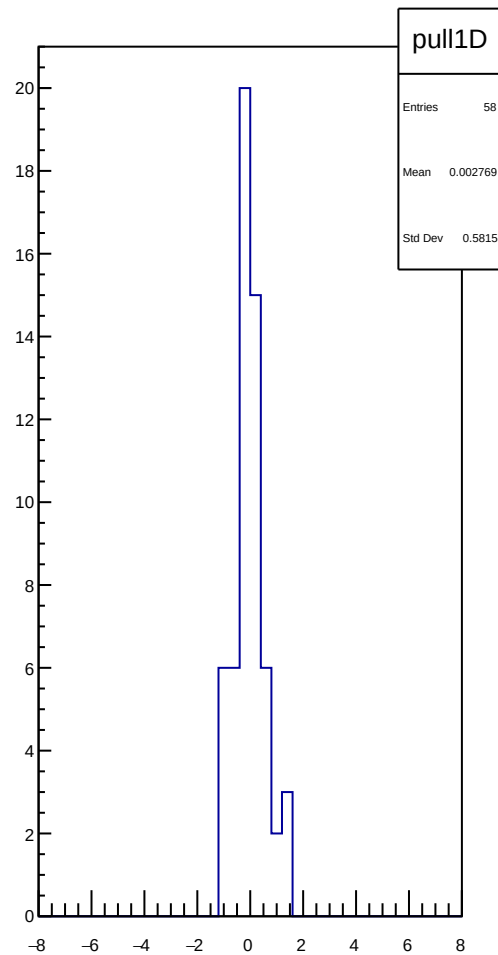
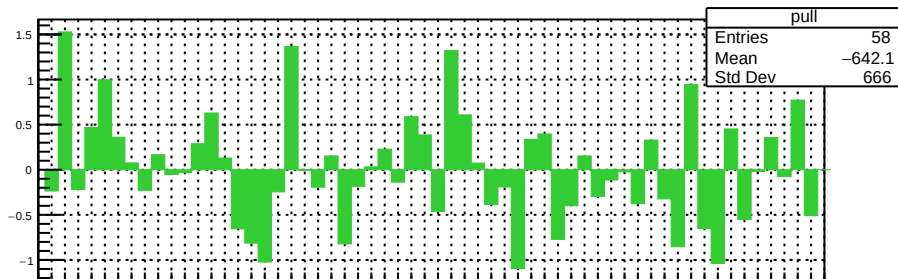
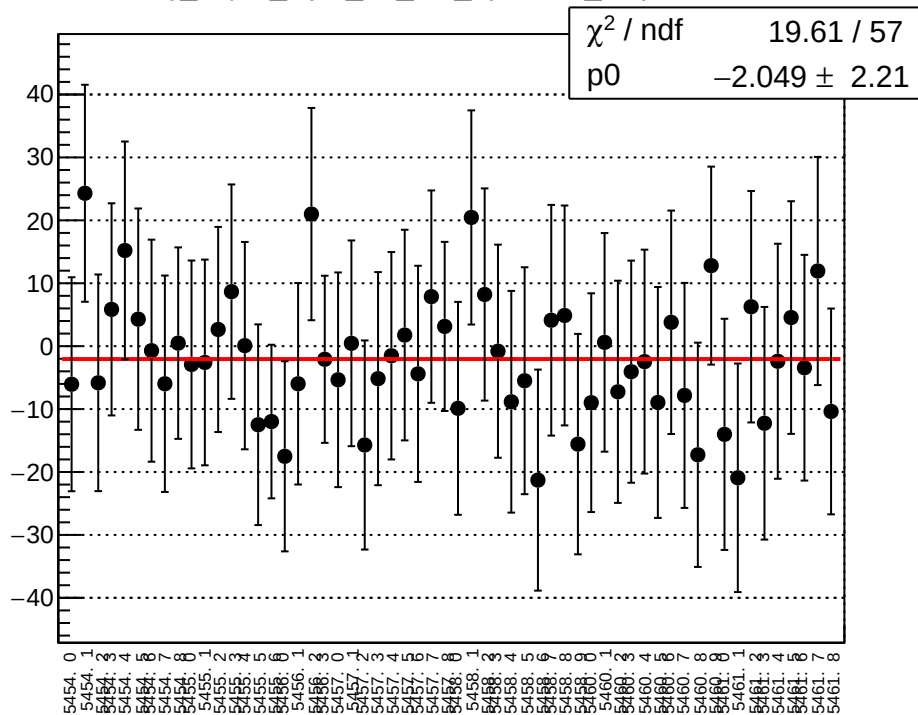
reg\_asym\_right\_avg\_diff\_bpm4eY\_slope vs run



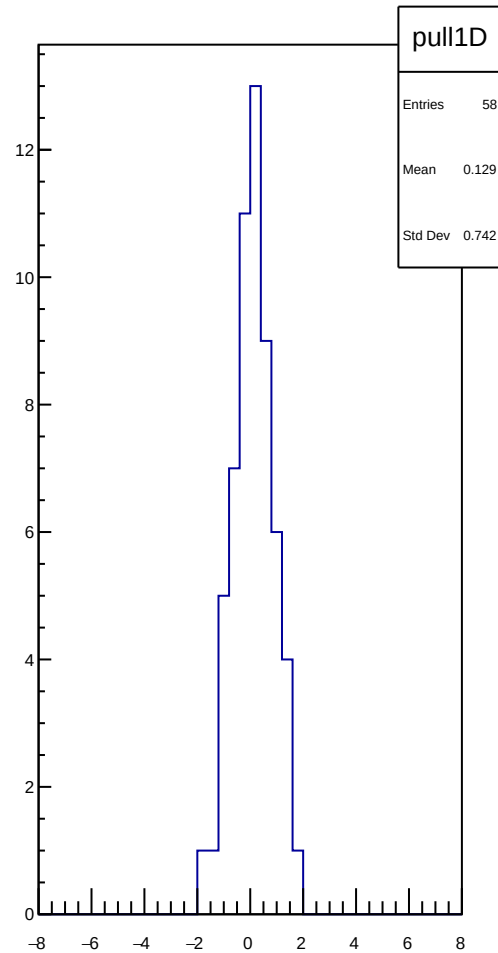
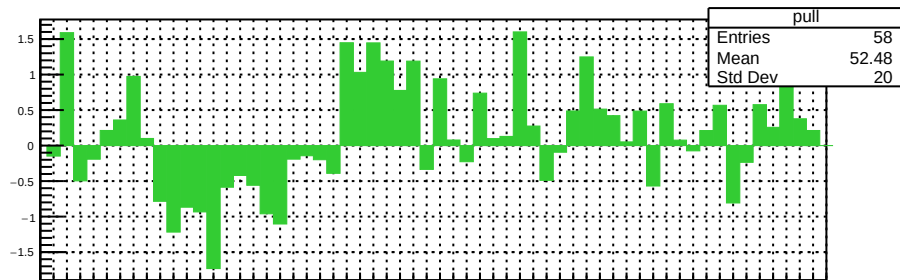
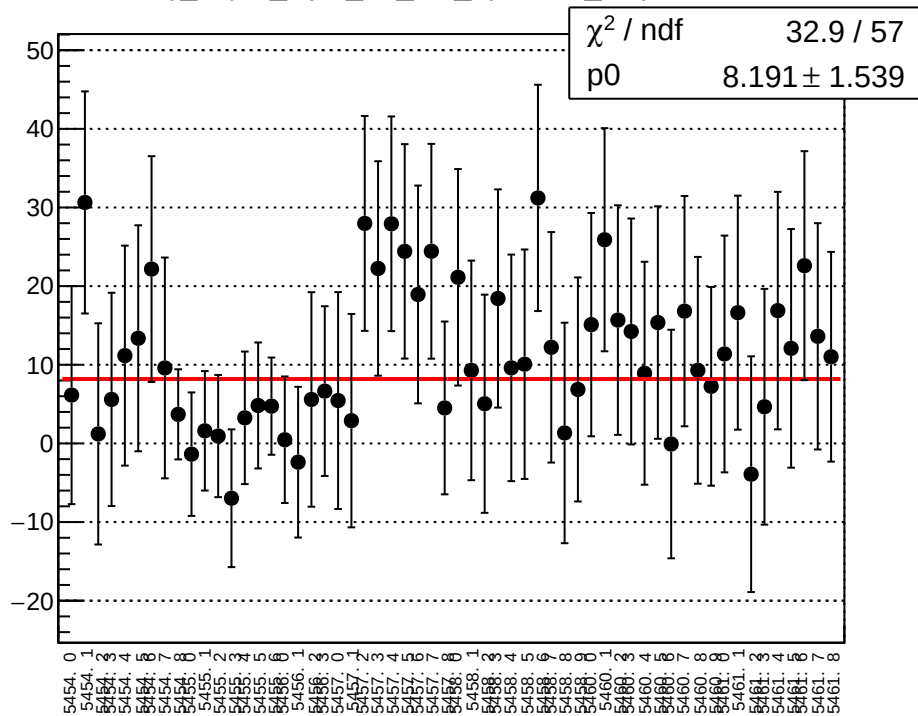
reg asym right avg diff bpm12X slope vs run



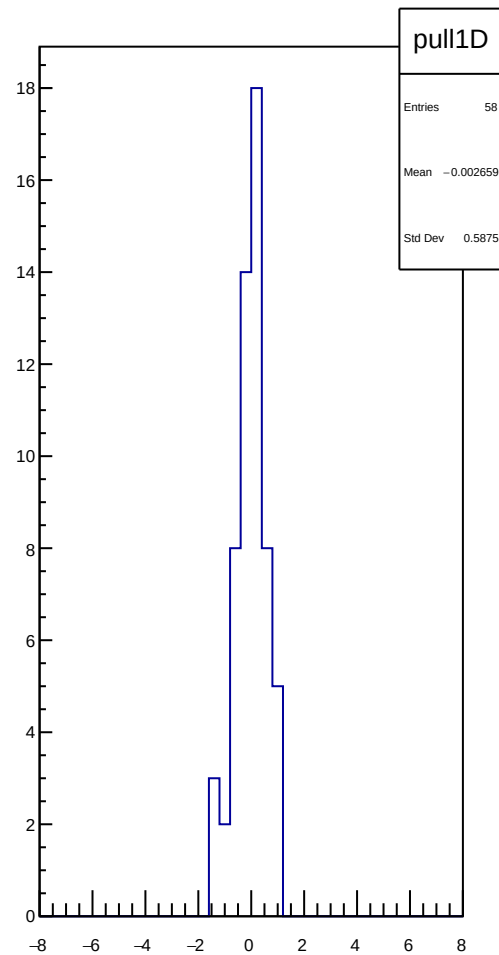
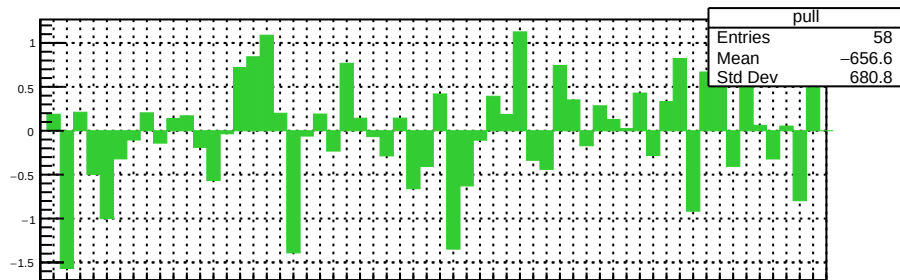
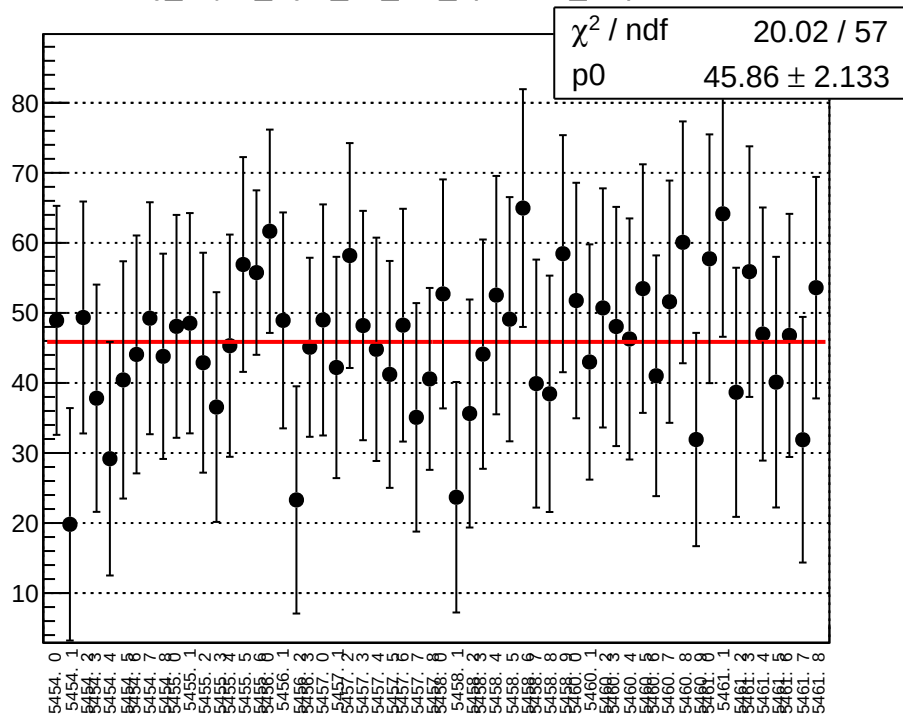
reg\_asym\_right\_dd\_diff\_bpm4aX\_slope vs run



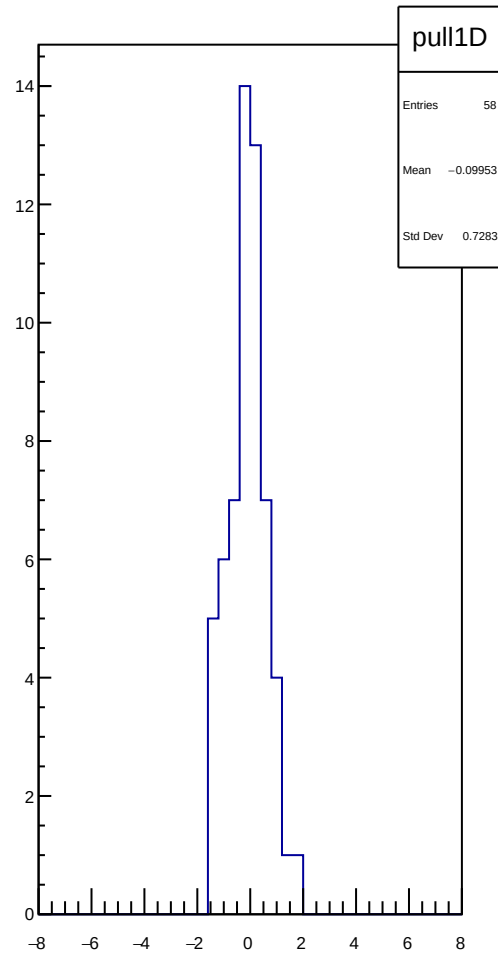
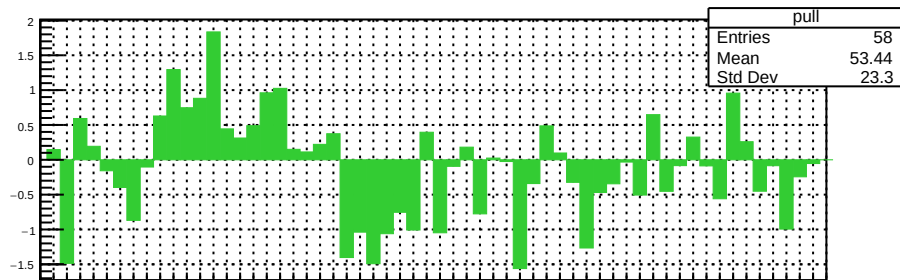
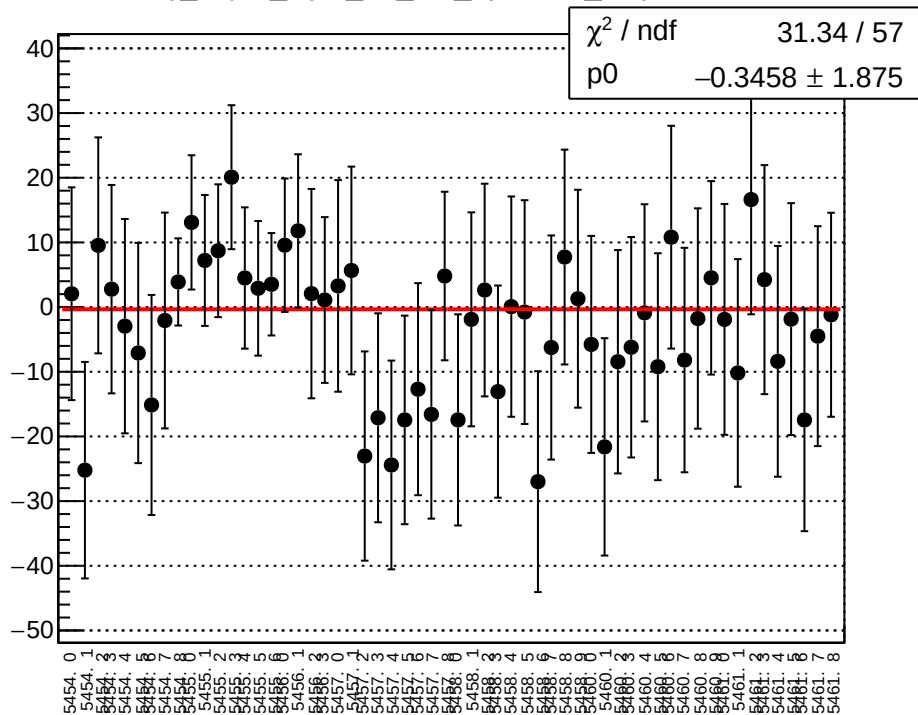
reg\_asym\_right\_dd\_diff\_bpm4aY\_slope vs run



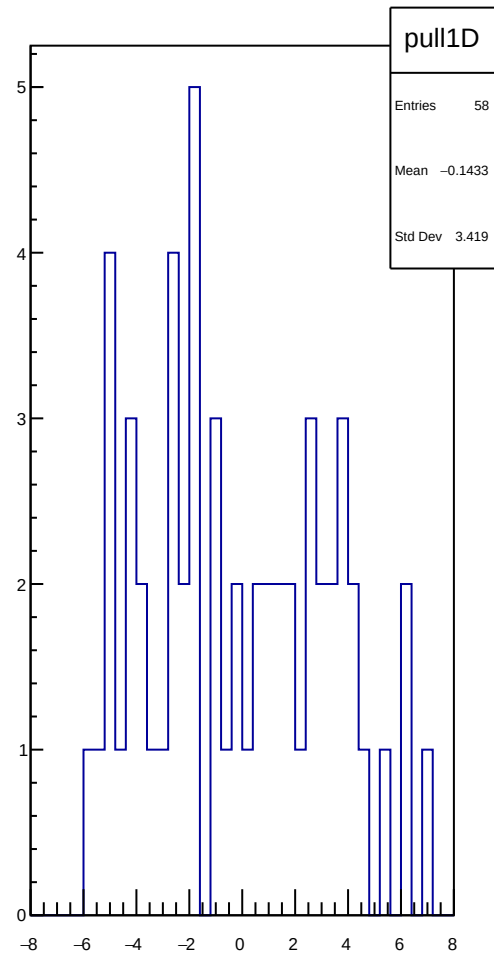
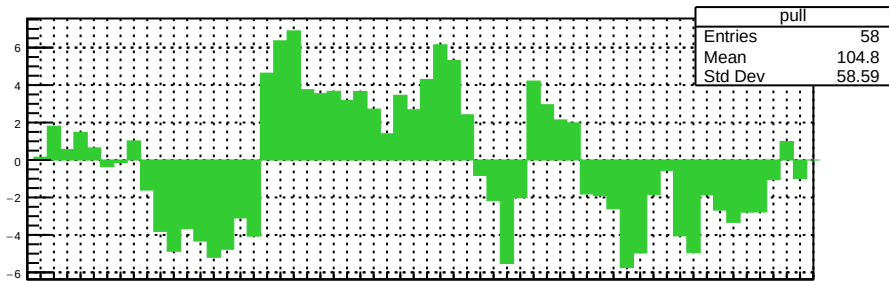
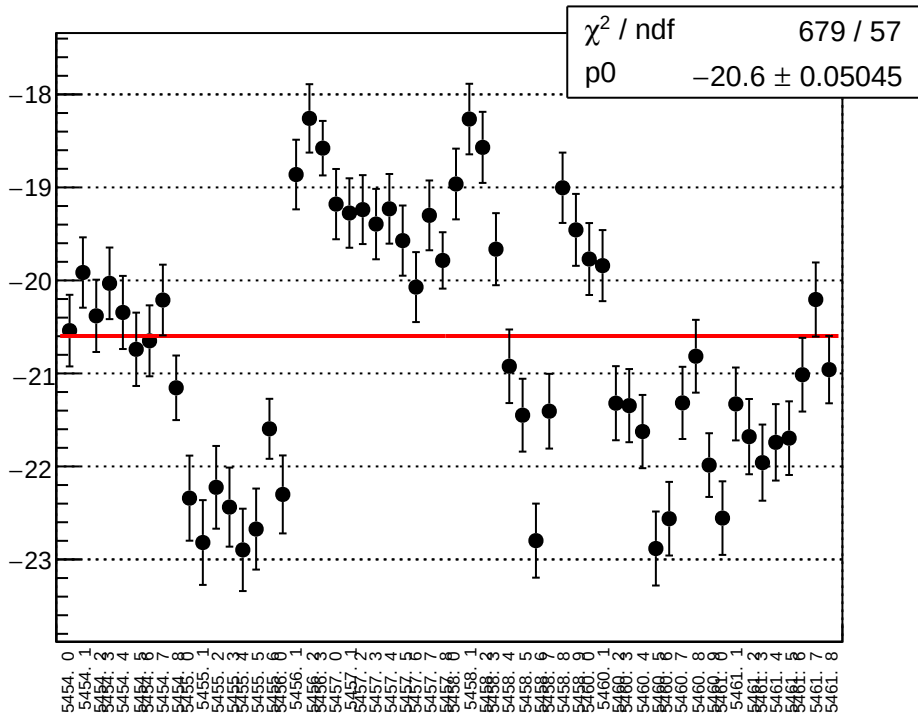
reg\_asym\_right\_dd\_diff\_bpm4eX\_slope vs run



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

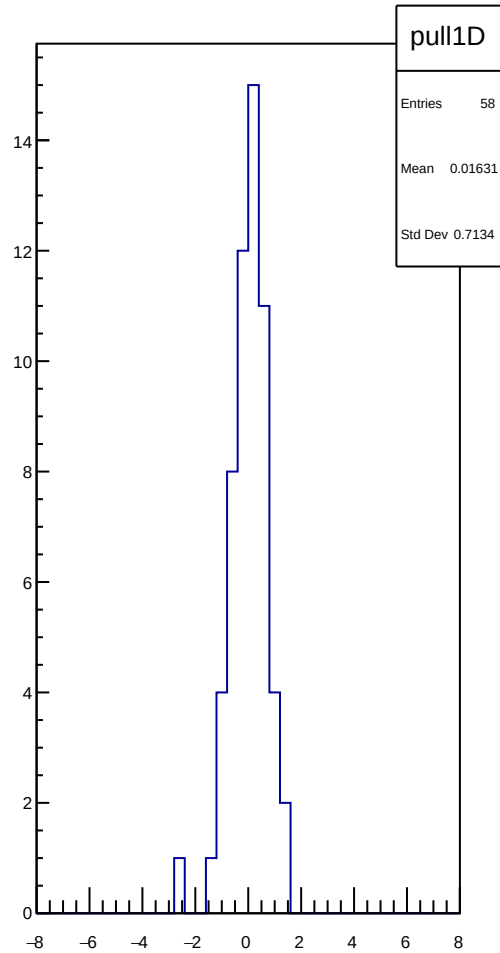
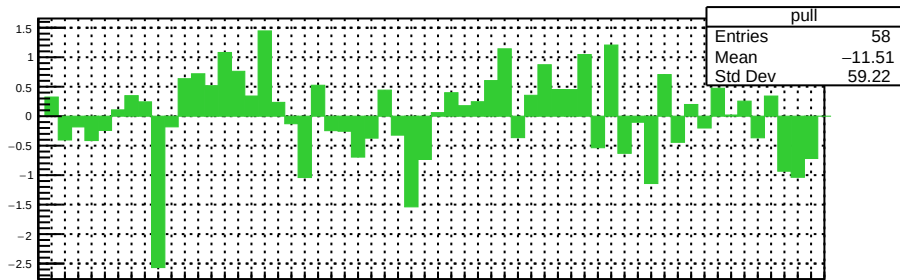
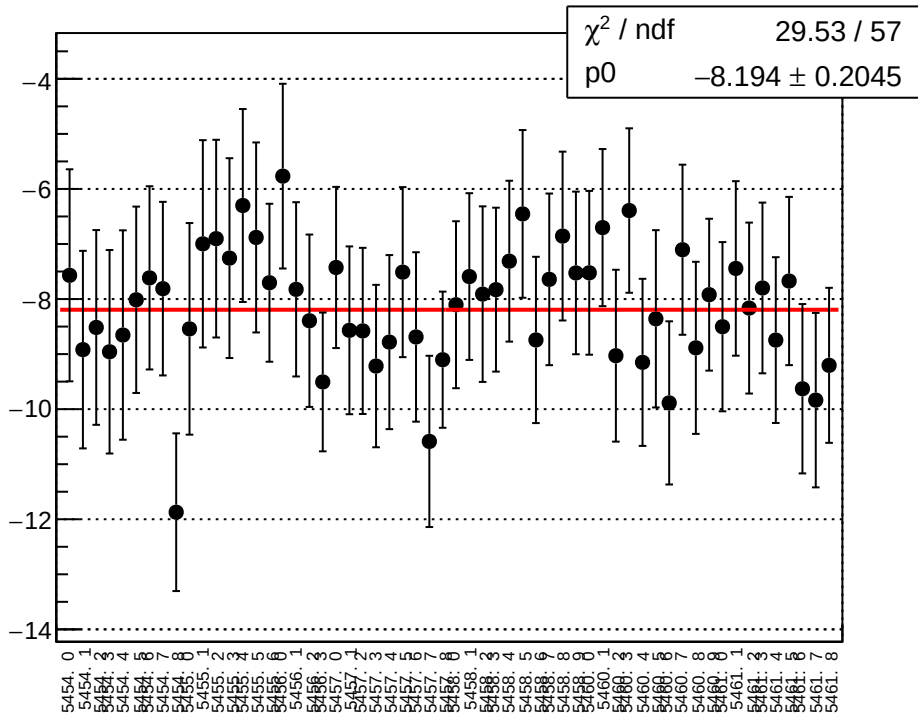


reg\_asym\_right\_dd\_diff\_bpm12X\_slope vs run

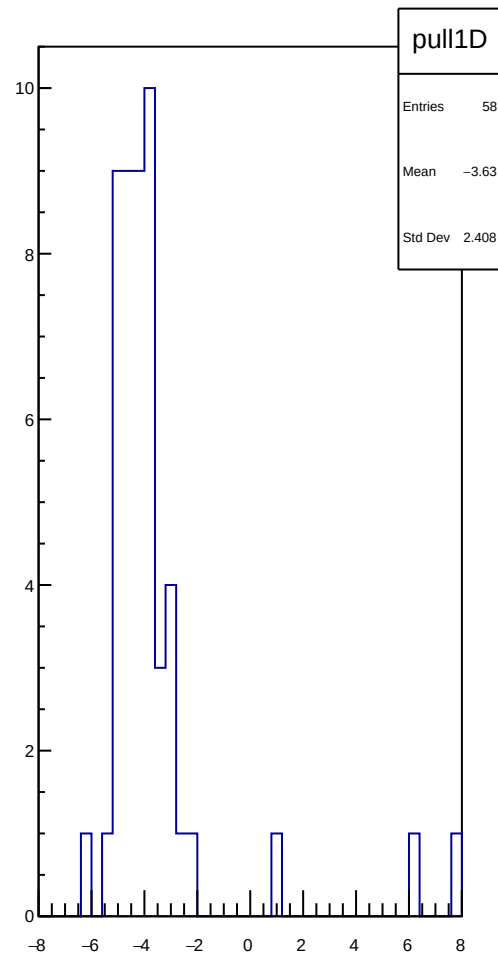
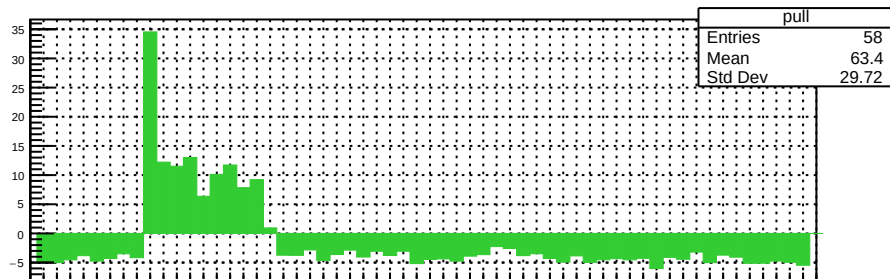
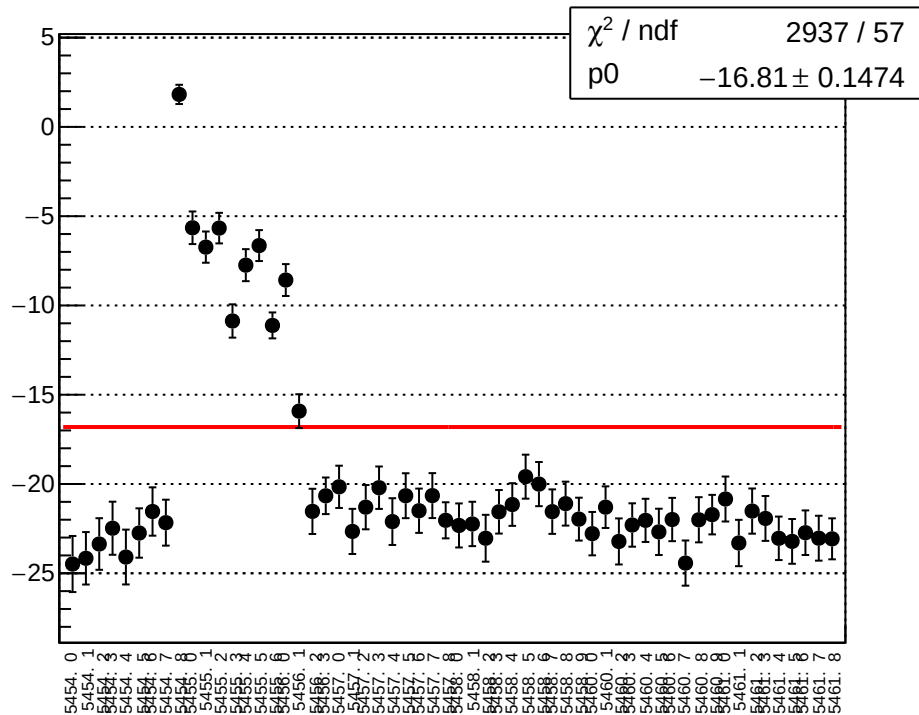




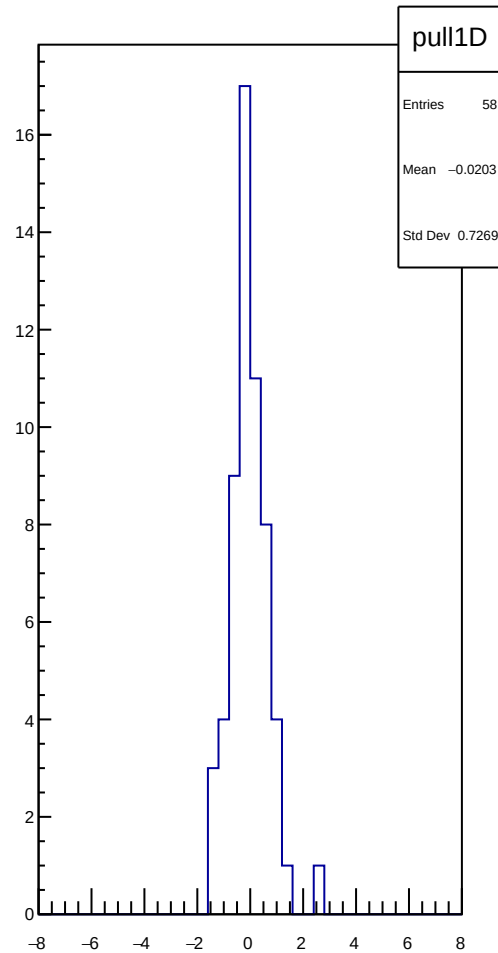
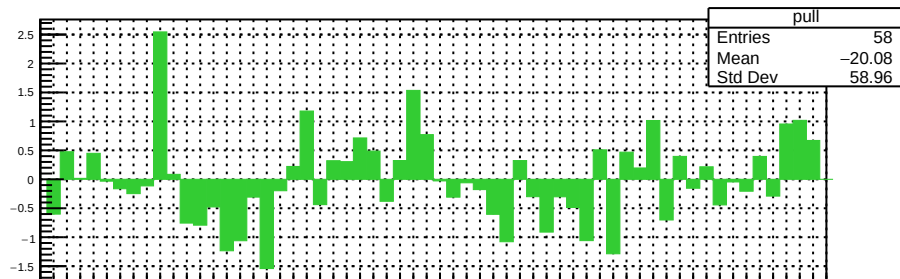
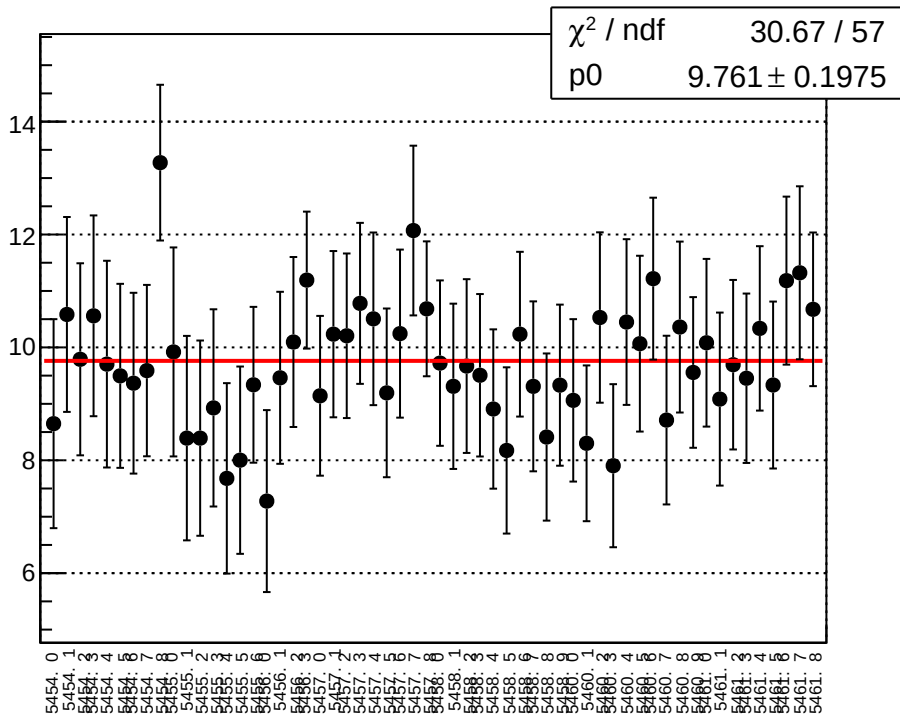
reg asym sam 15 avg diff bpm4aX slope vs run



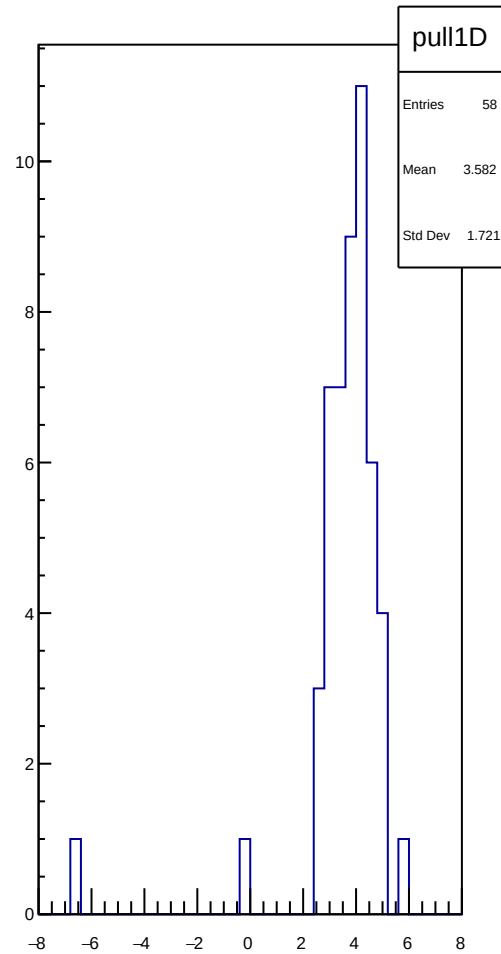
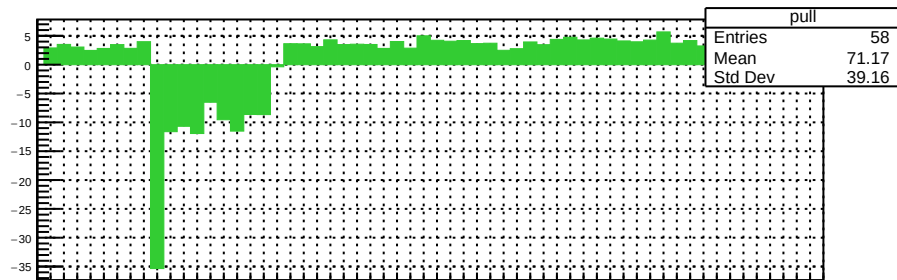
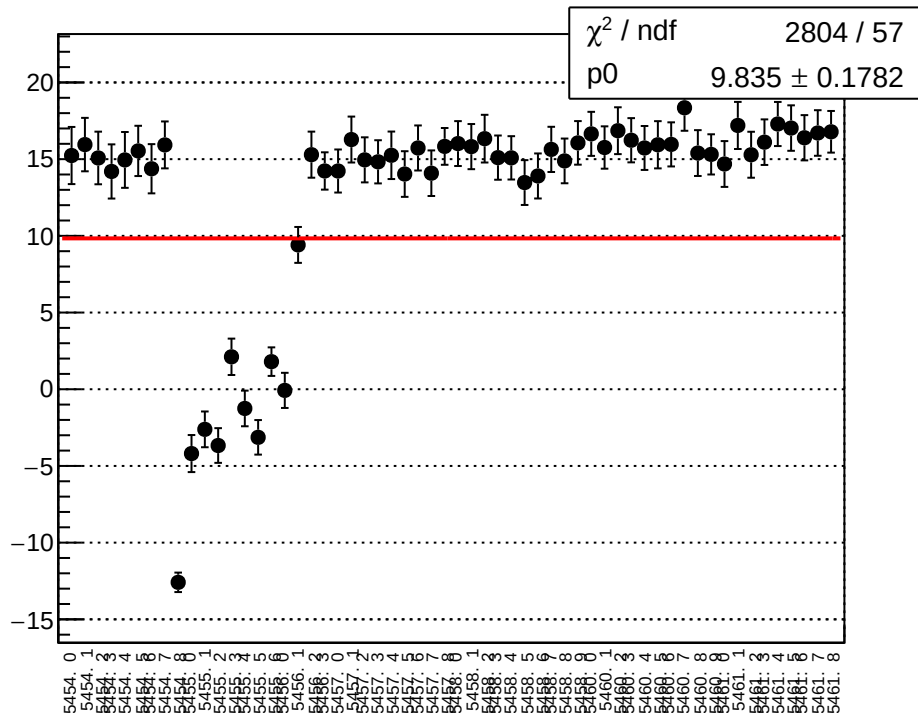
reg\_asym\_sam\_15\_avg\_diff\_bpm4aY\_slope vs run



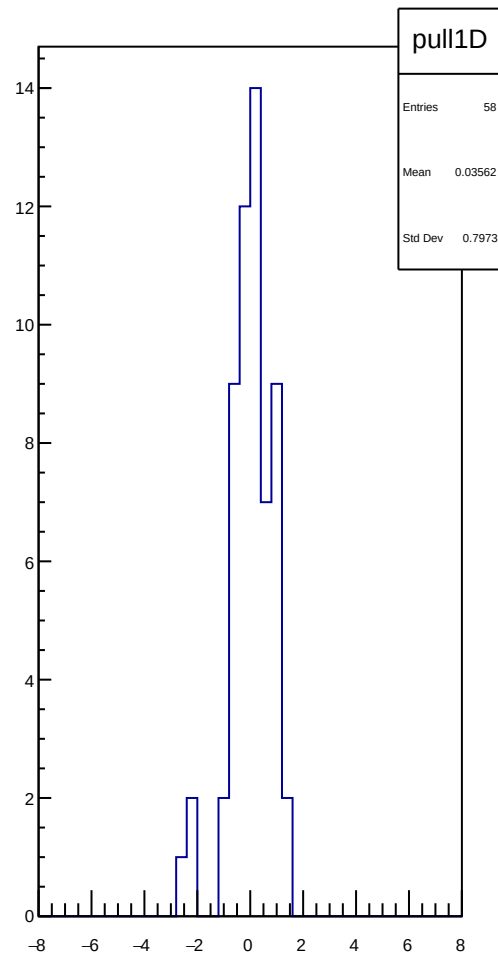
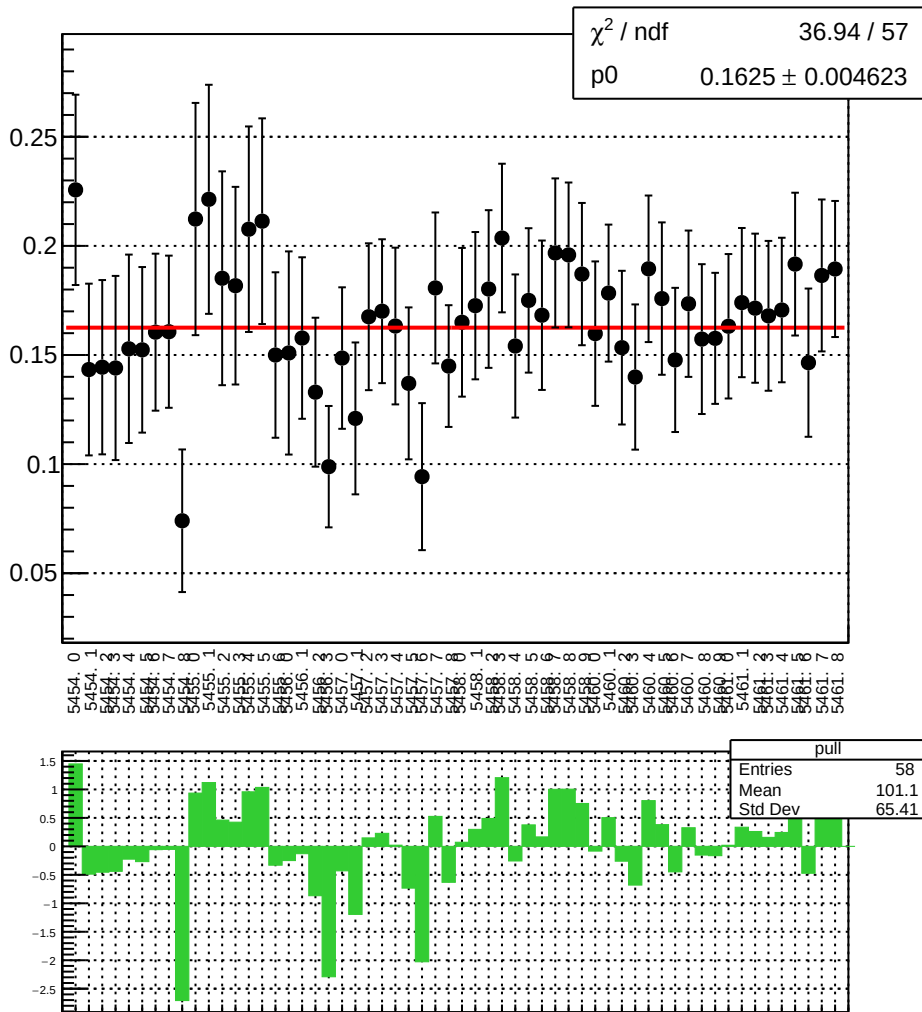
reg\_asym\_sam\_15\_avg\_diff\_bpm4eX\_slope vs run



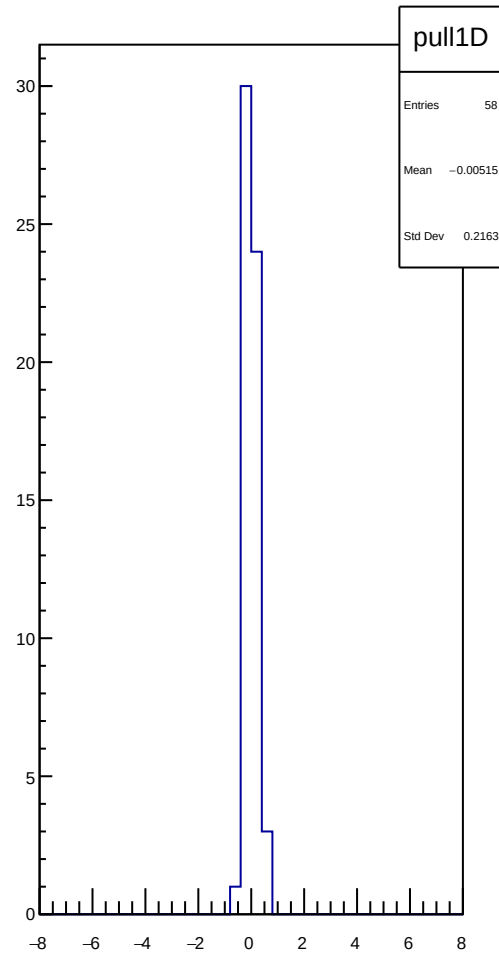
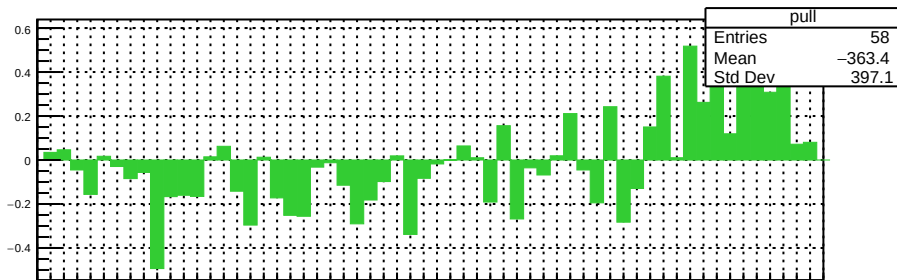
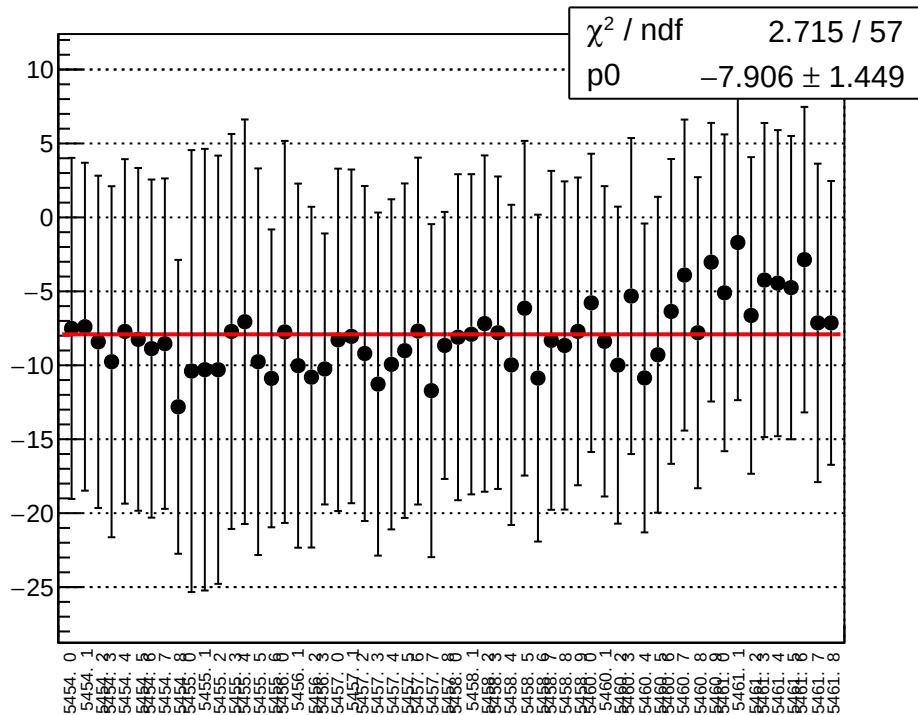
reg\_asym\_sam\_15\_avg\_diff\_bpm4eY\_slope vs run



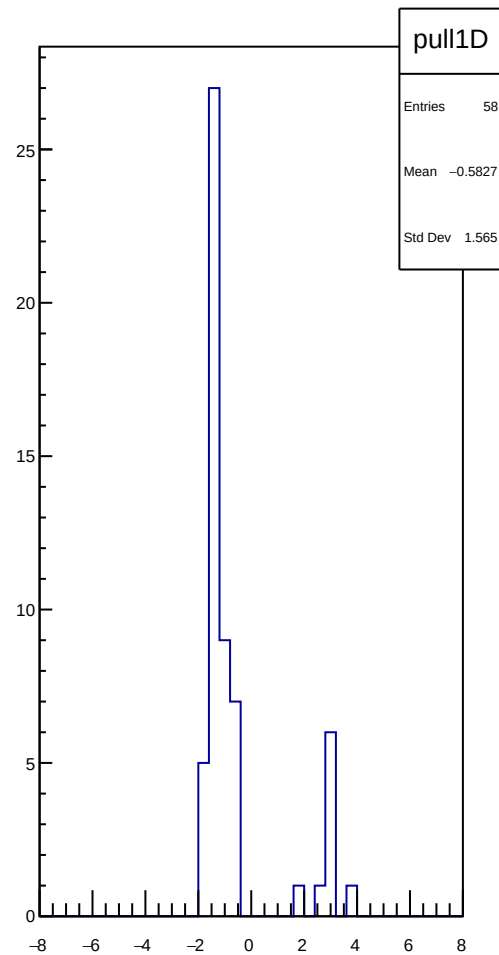
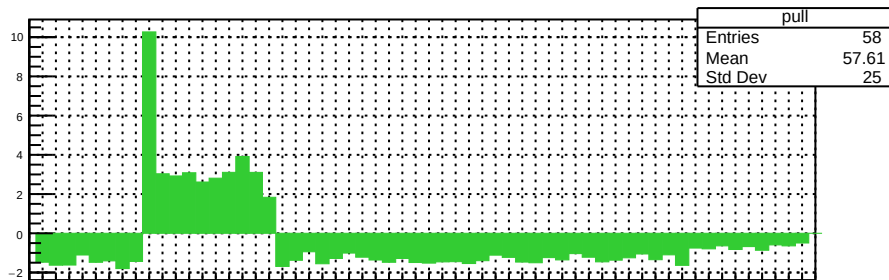
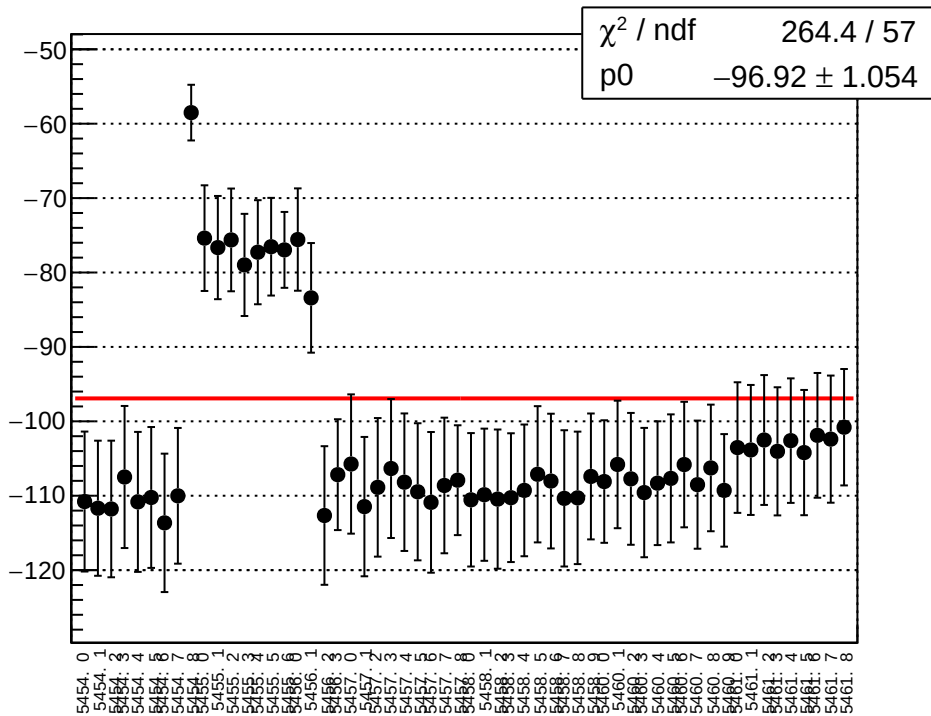
reg\_asym\_sam\_15\_avg\_diff\_bpm12X\_slope vs run



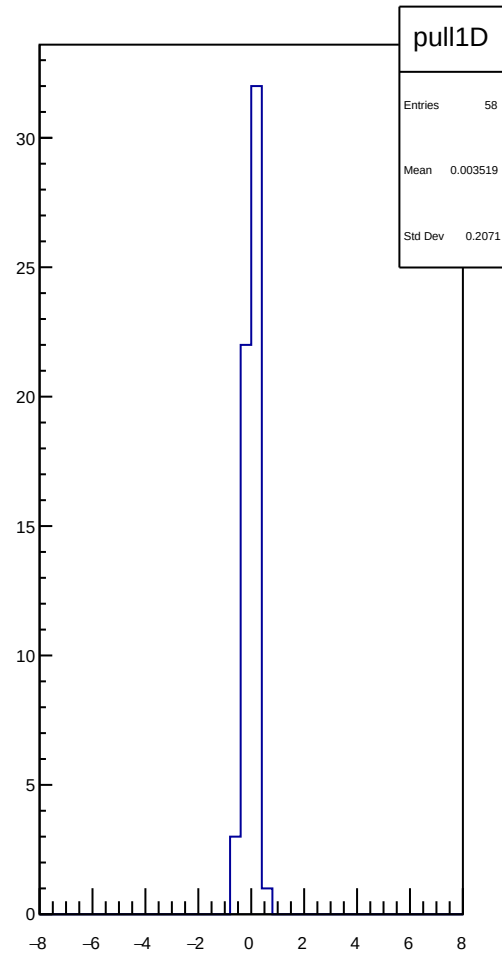
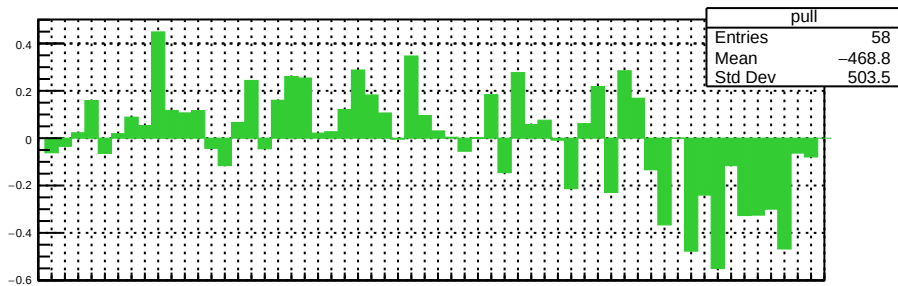
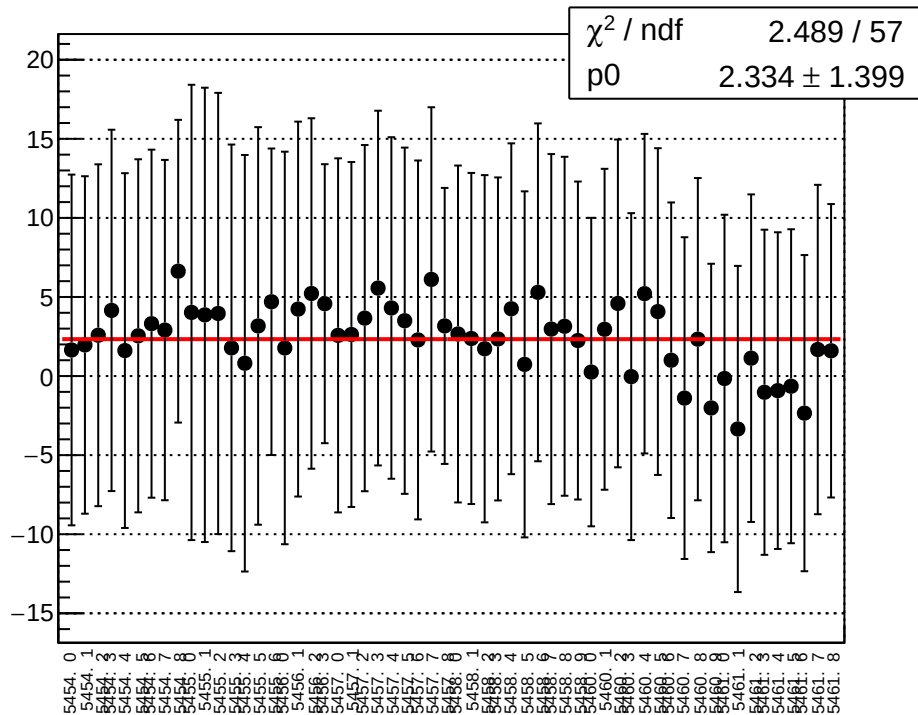
reg\_asym\_sam\_15\_dd\_diff\_bpm4aX\_slope vs run



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

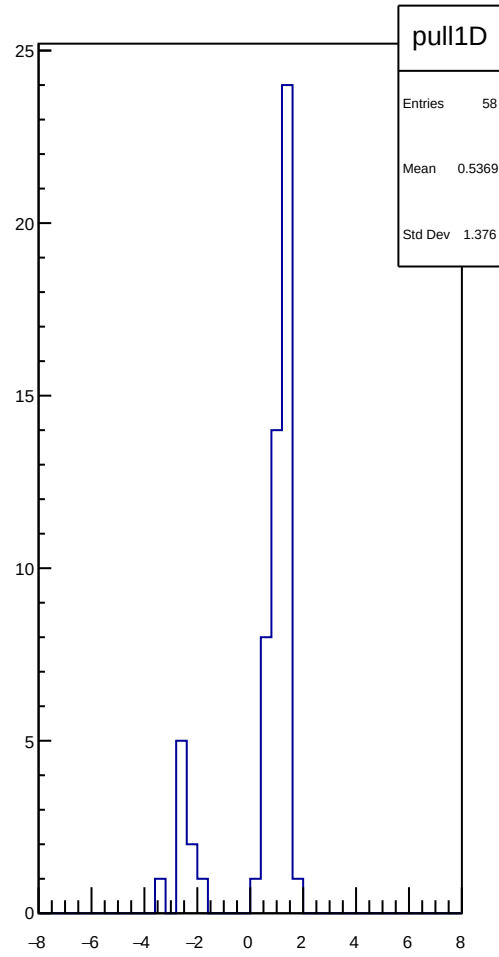
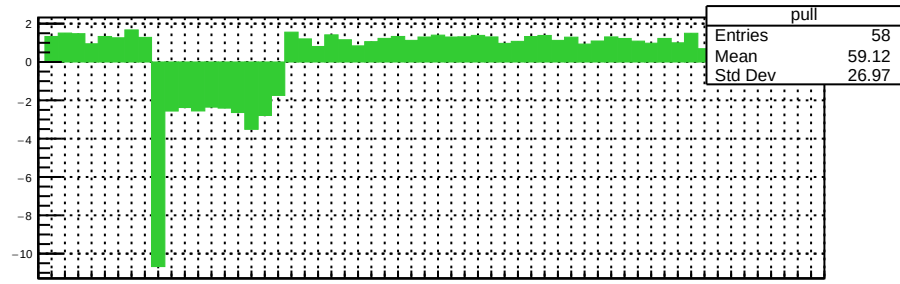
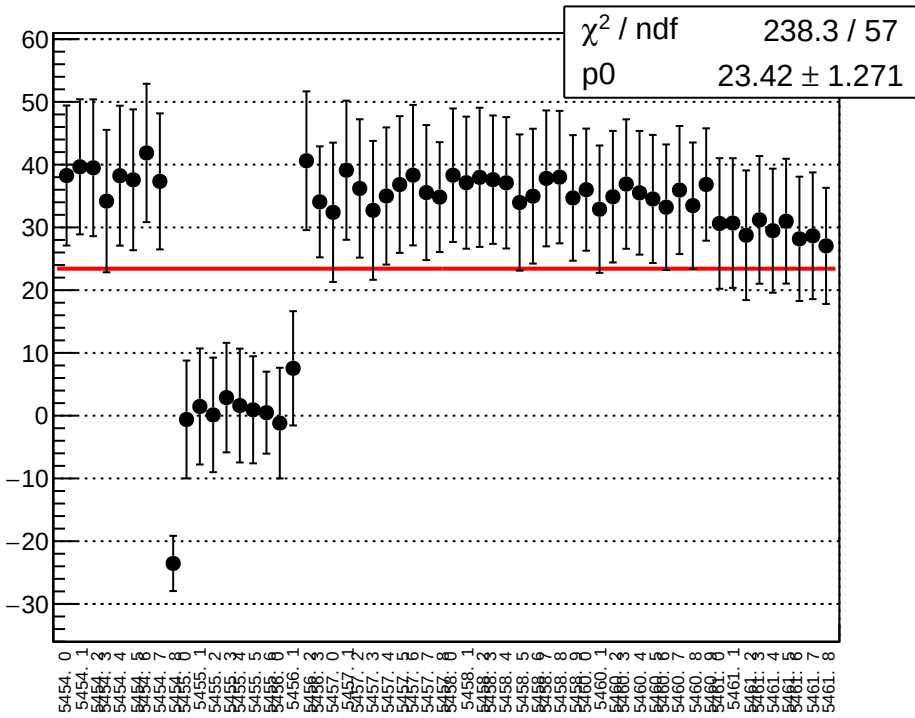


reg\_asym\_sam\_15\_dd\_diff\_bpm4eX\_slope vs run

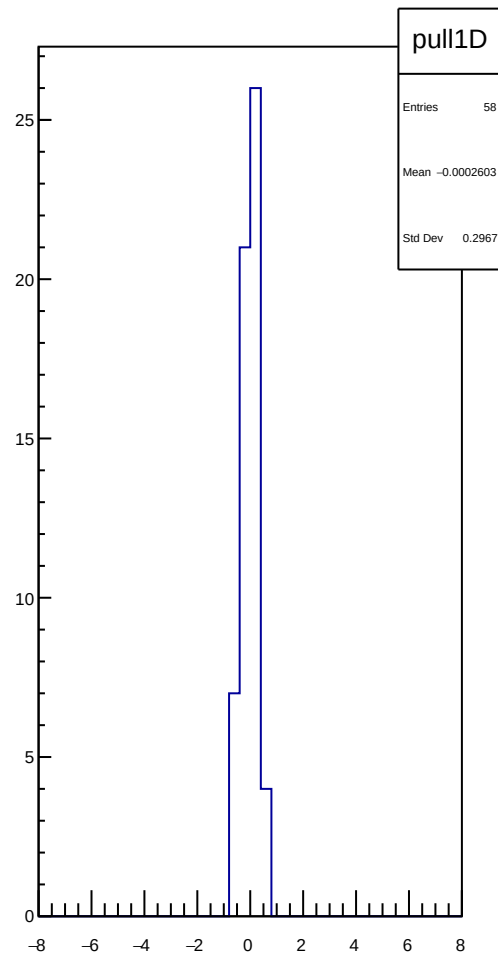
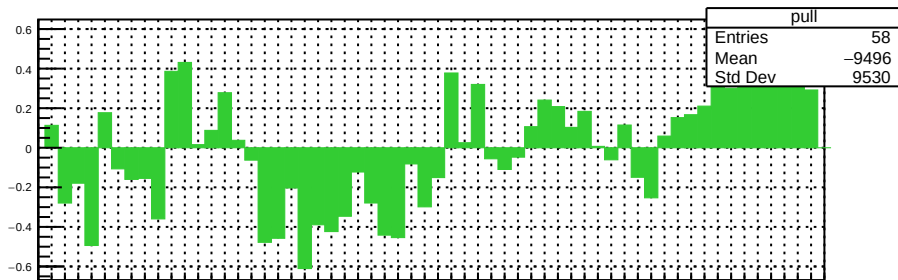
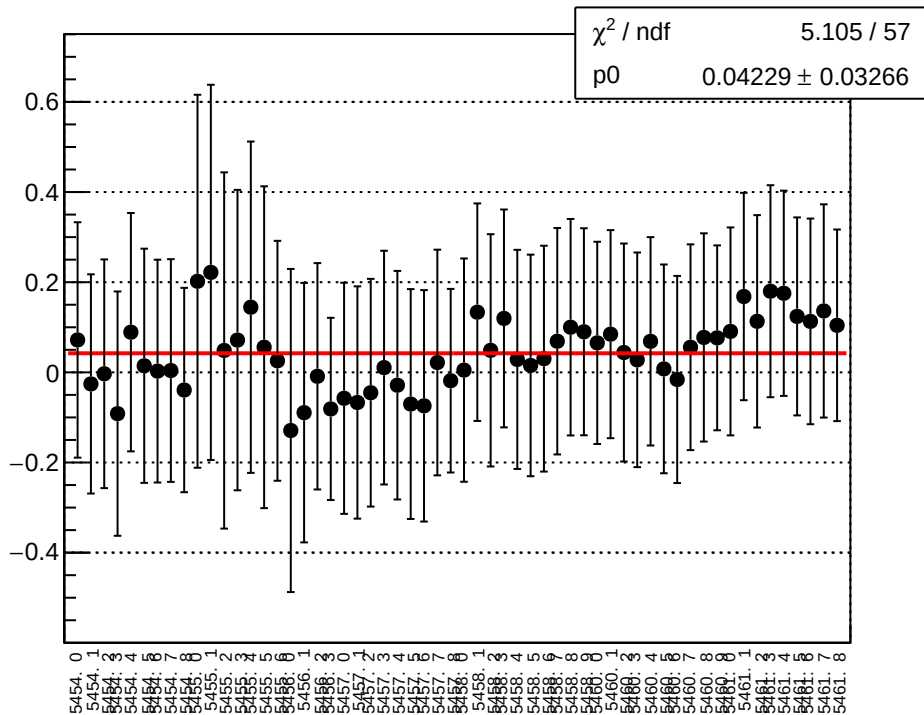




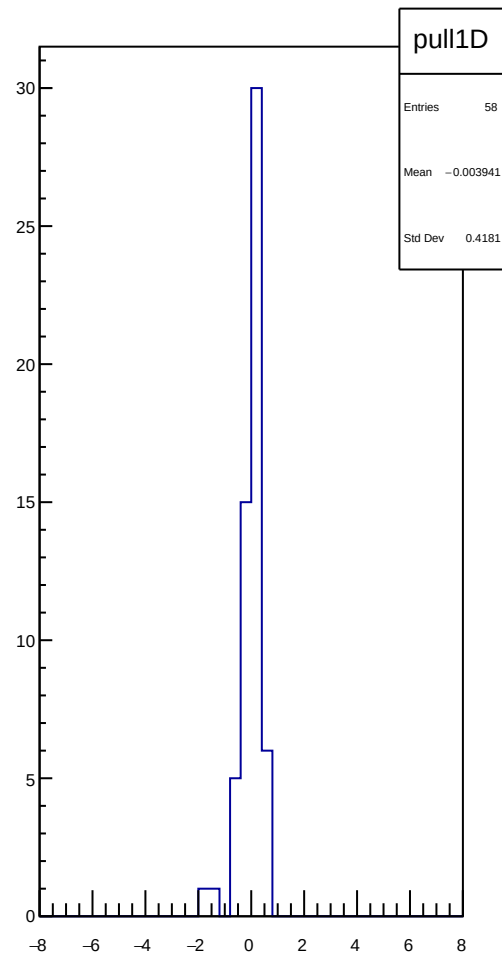
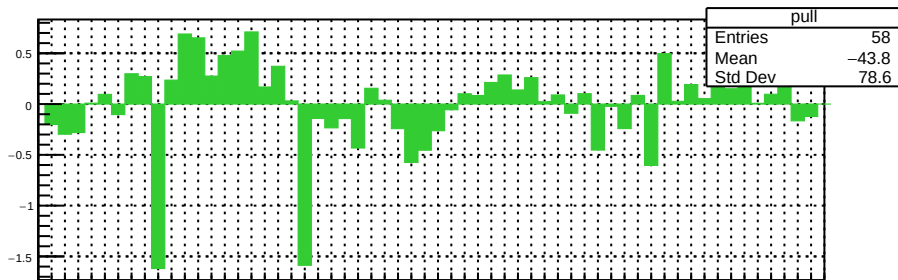
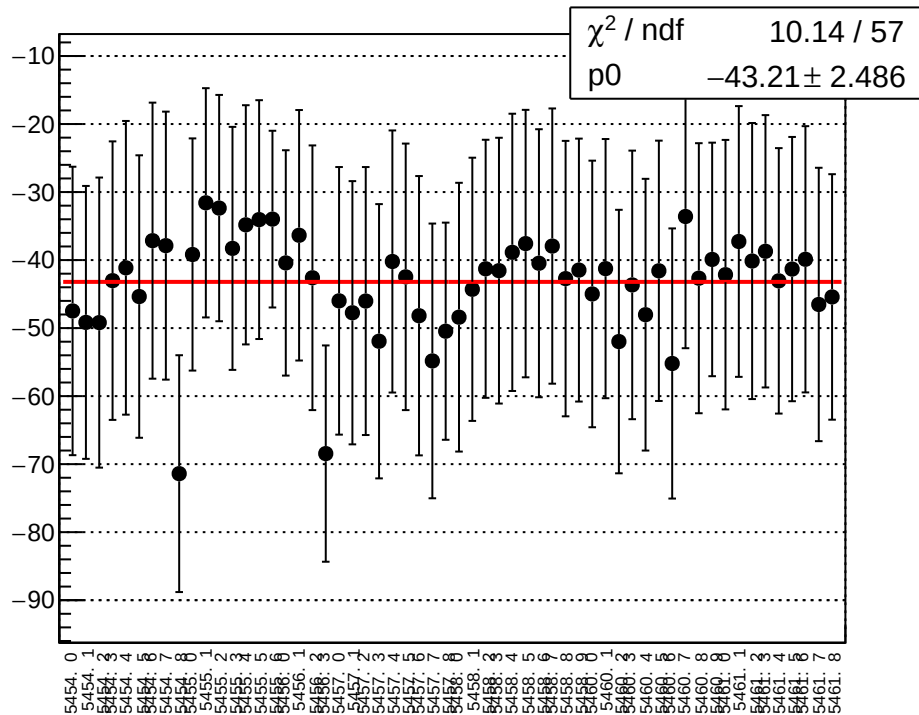
reg\_asym\_sam\_15\_dd\_diff\_bpm4eY\_slope vs run



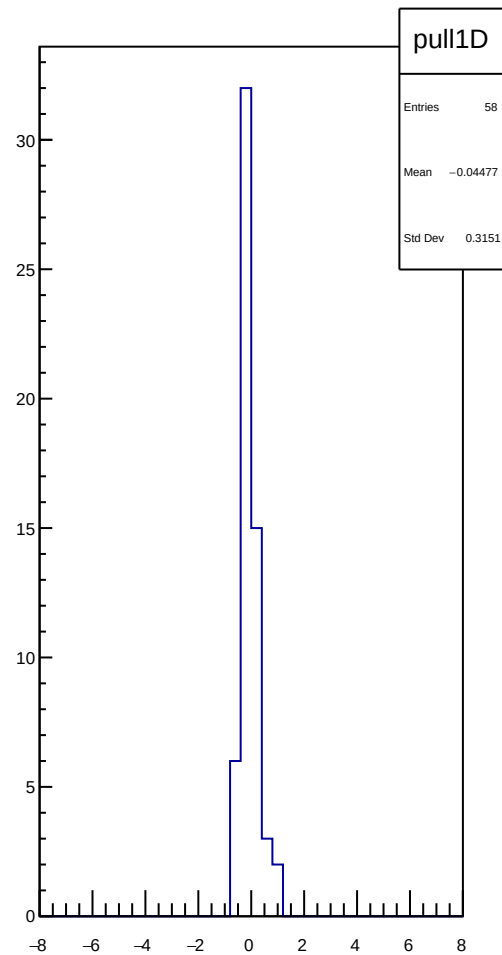
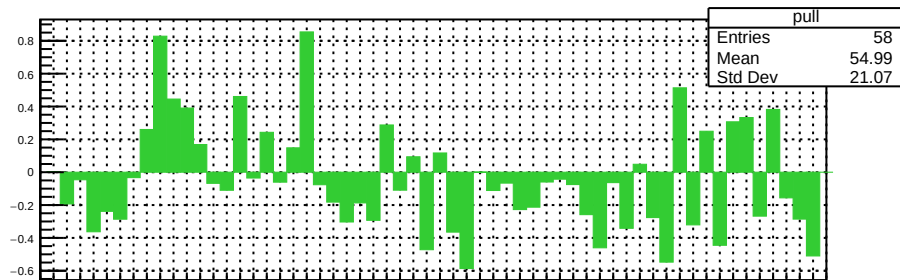
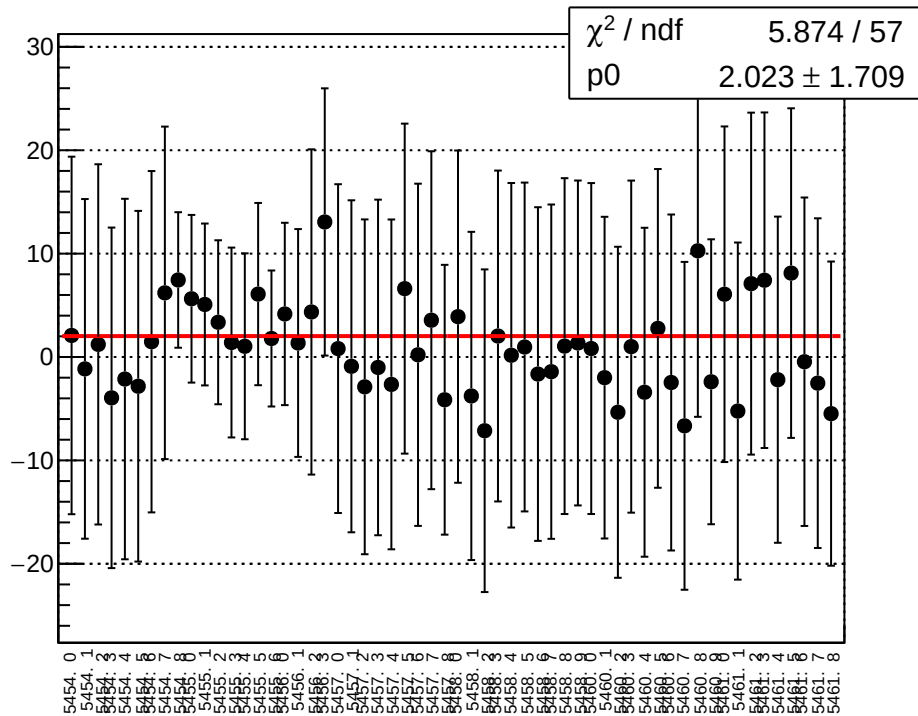
reg\_asym\_sam\_15\_dd\_diff\_bpm12X\_slope vs run



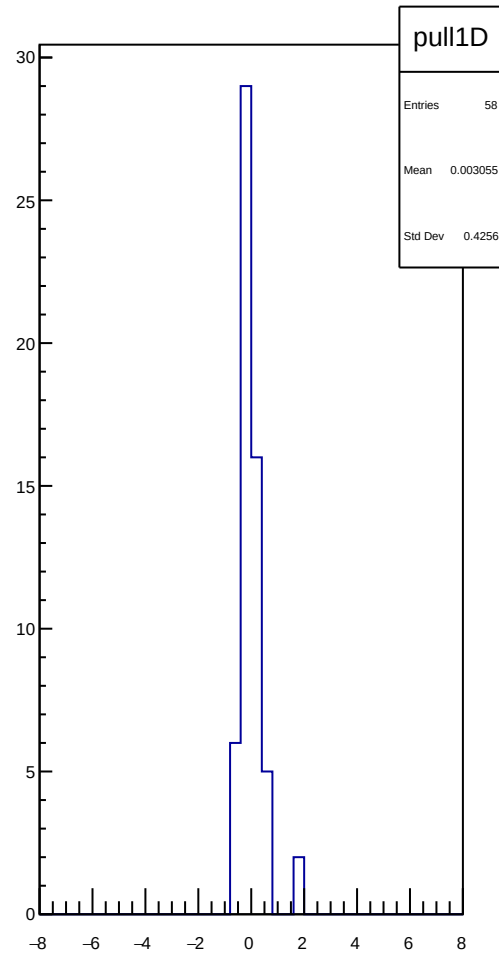
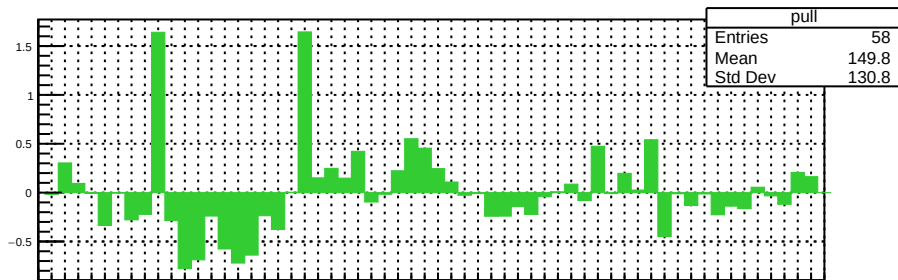
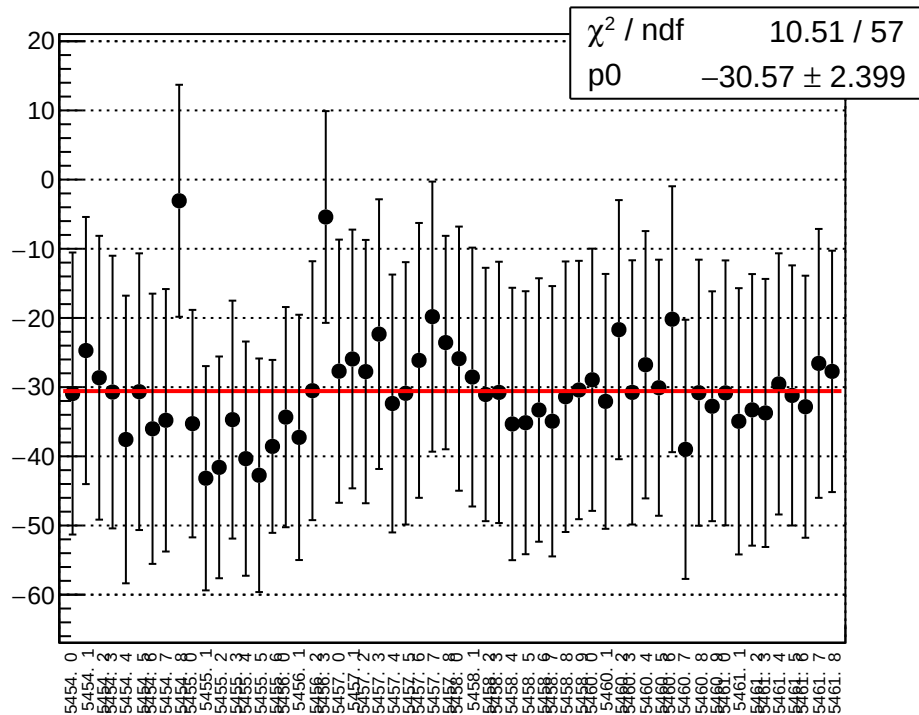
reg\_asym\_sam\_37\_avg\_diff\_bpm4aX\_slope vs run



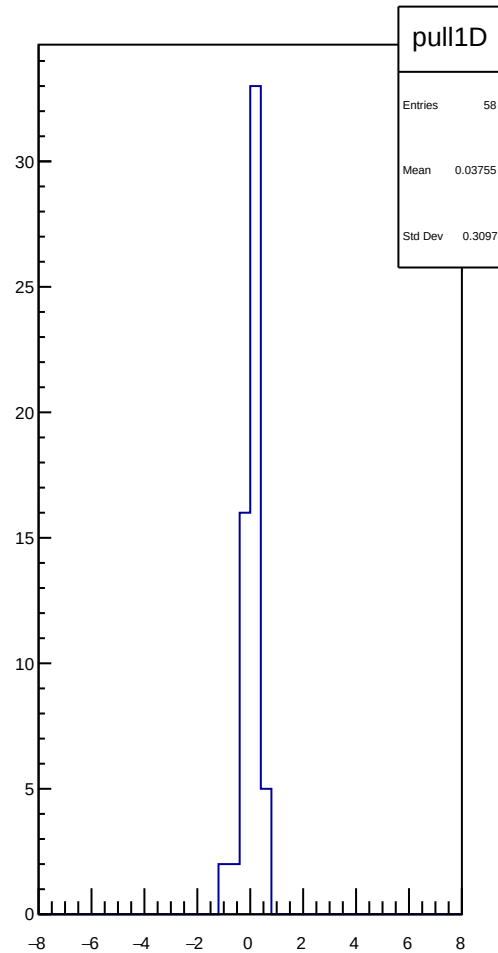
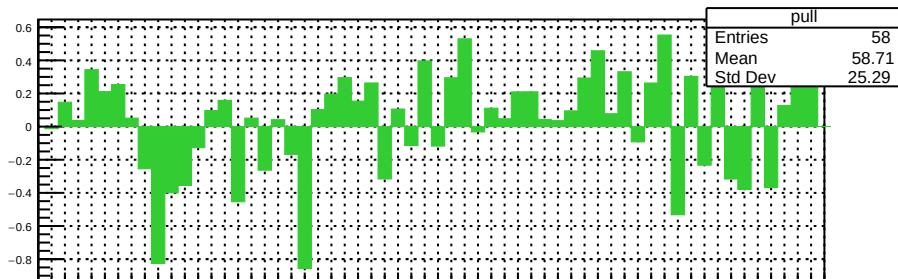
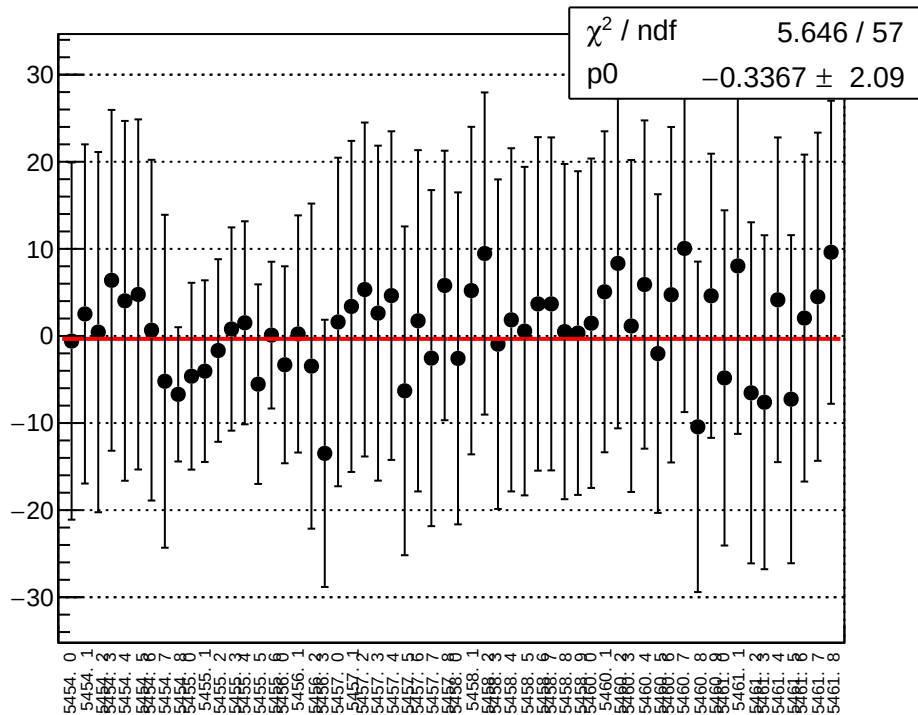
reg\_asym\_sam\_37\_avg\_diff\_bpm4aY\_slope vs run



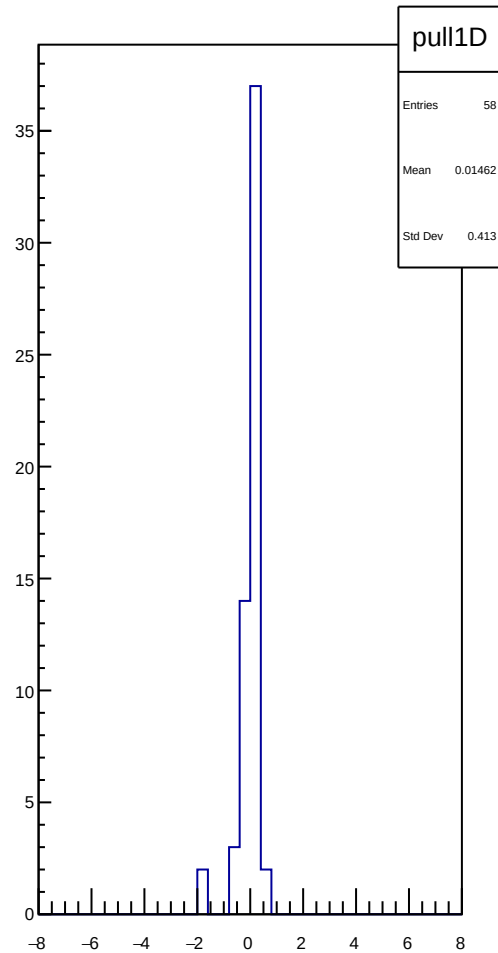
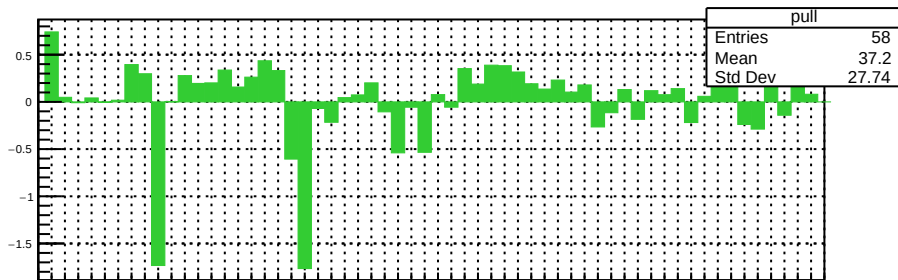
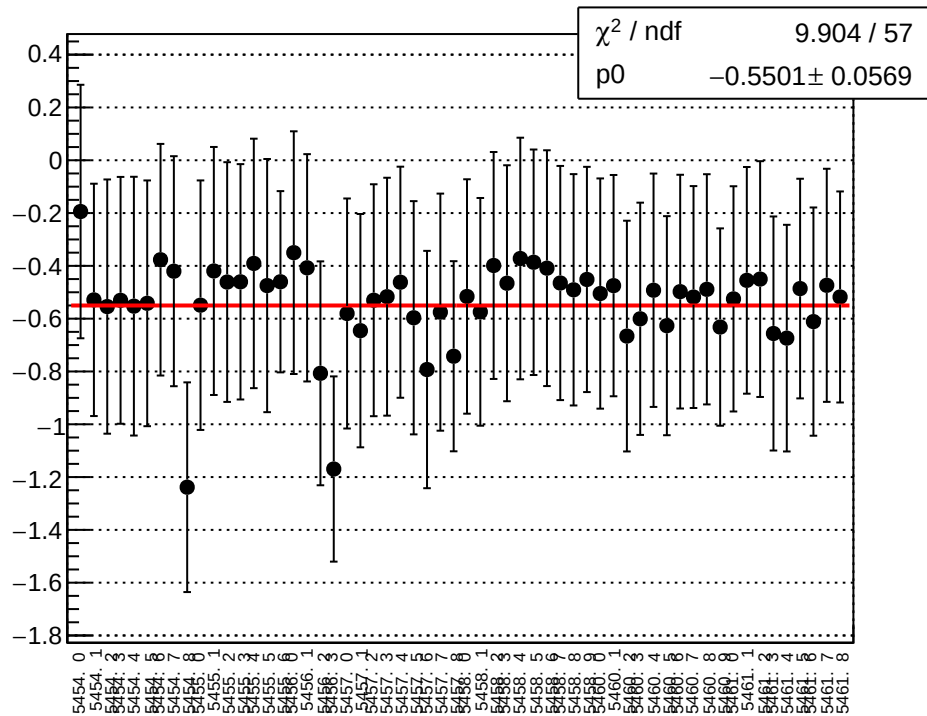
reg\_asym\_sam\_37\_avg\_diff\_bpm4eX\_slope vs run



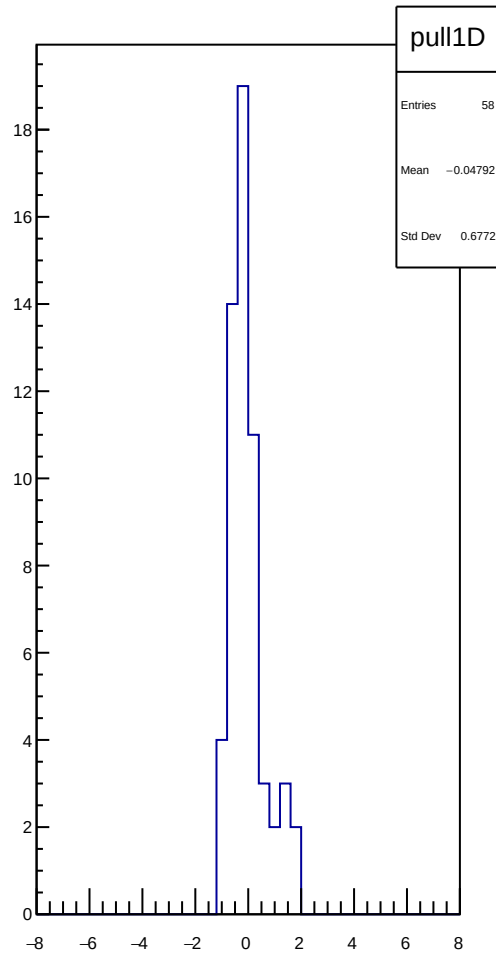
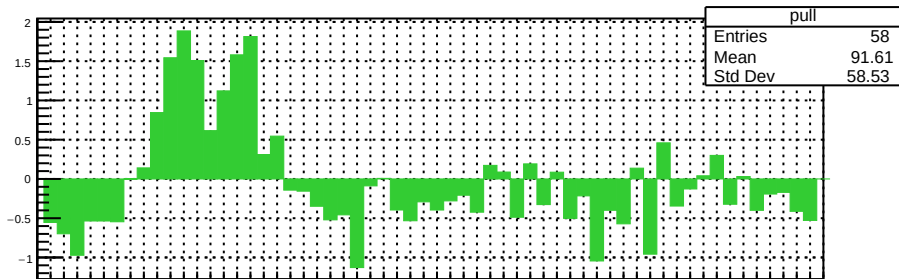
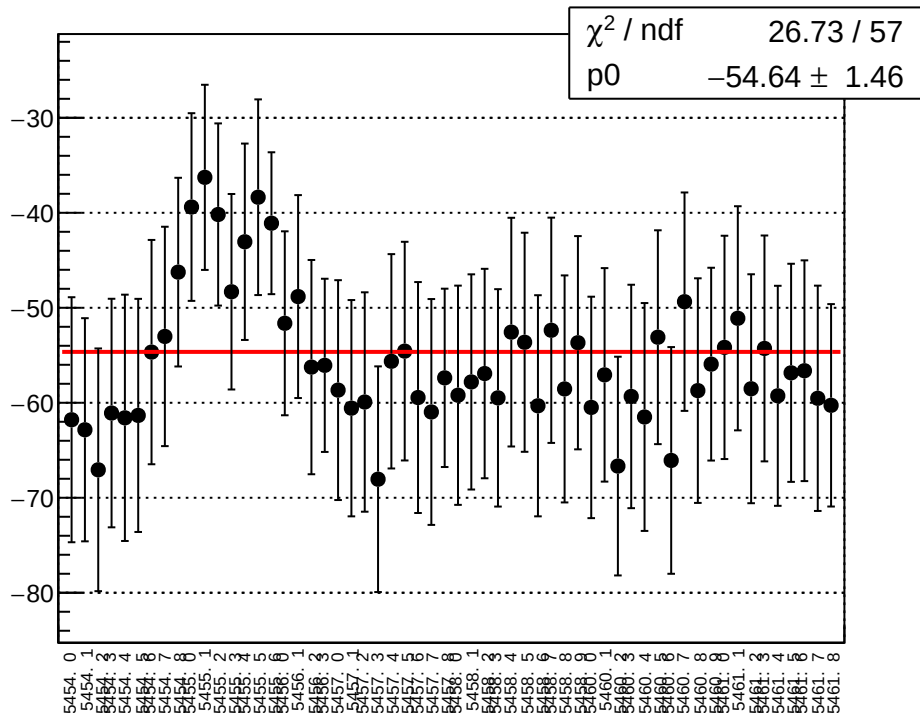
reg\_asym\_sam\_37\_avg\_diff\_bpm4eY\_slope vs run



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

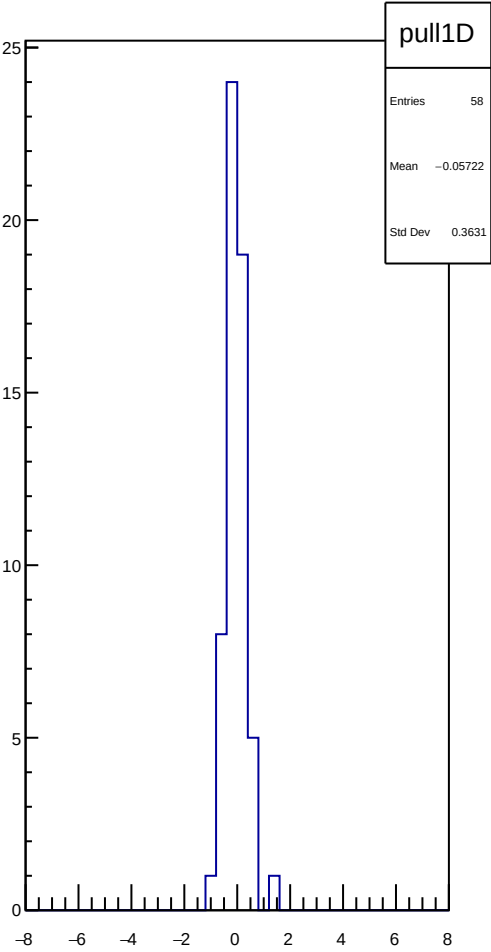
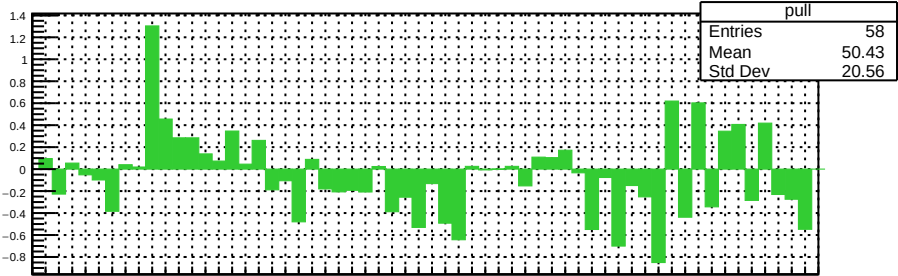
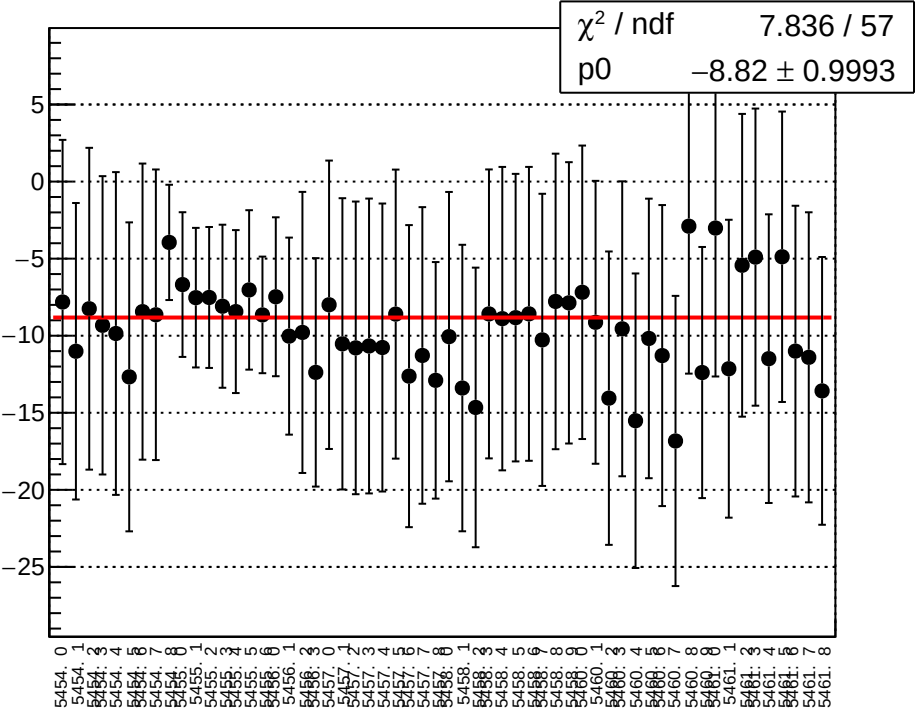


reg\_asym\_sam\_37\_dd\_diff\_bpm4aX\_slope vs run

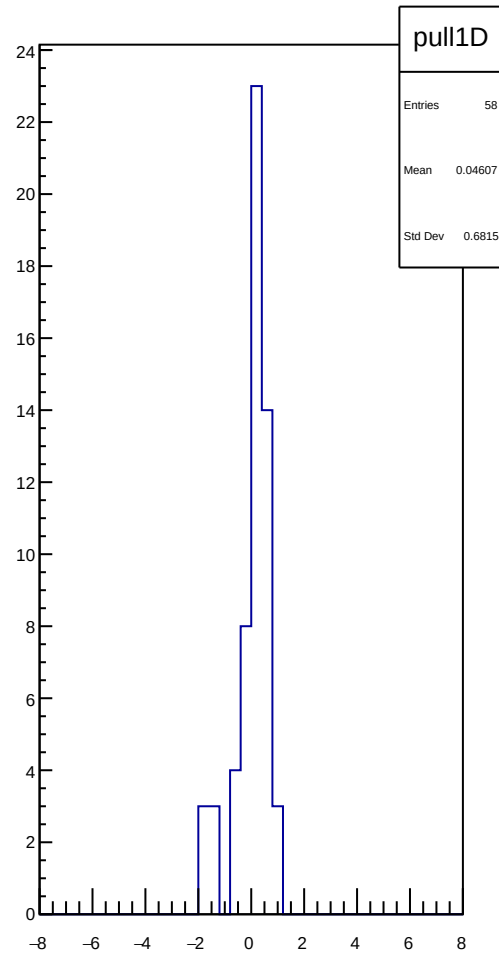
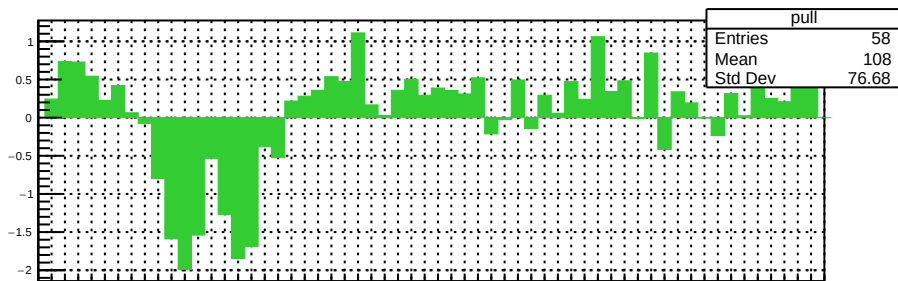
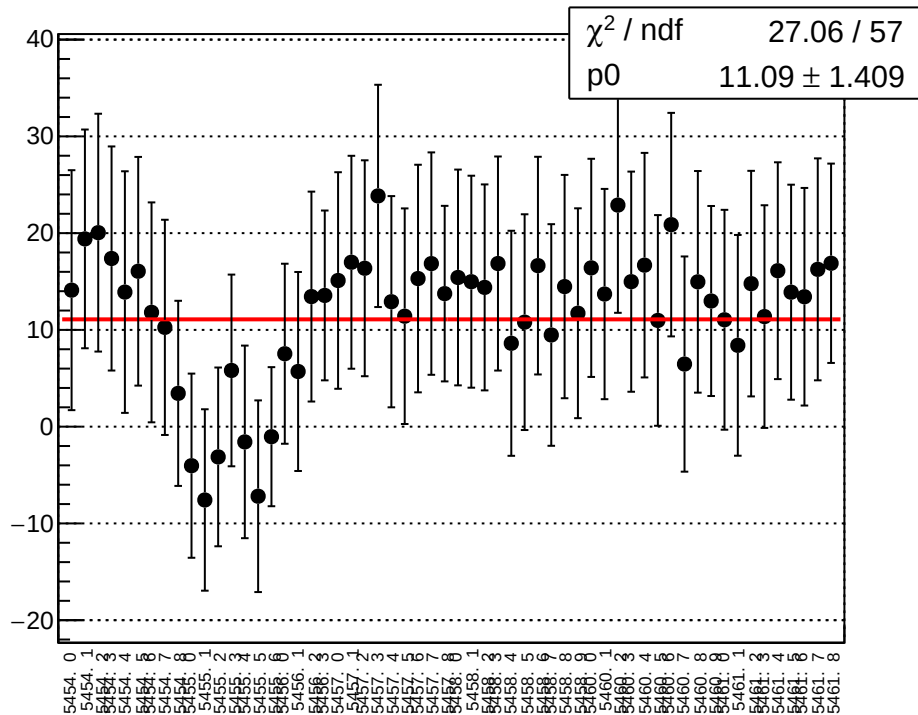




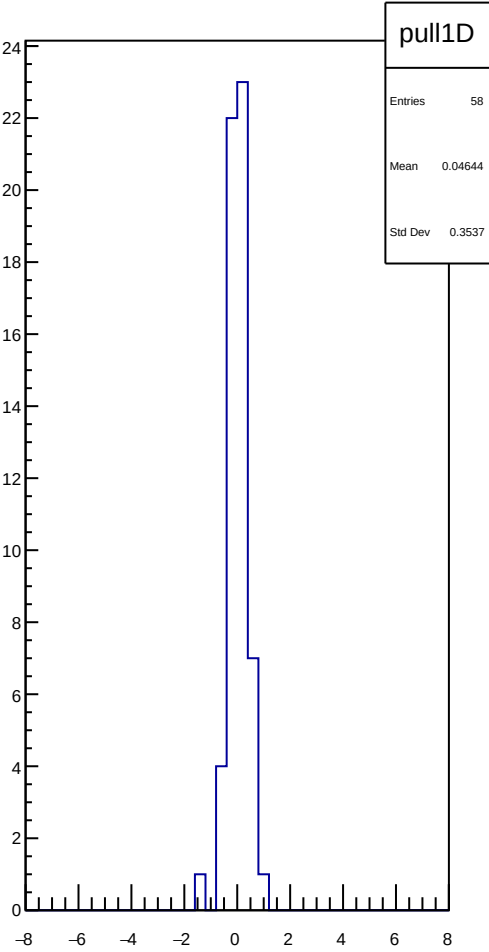
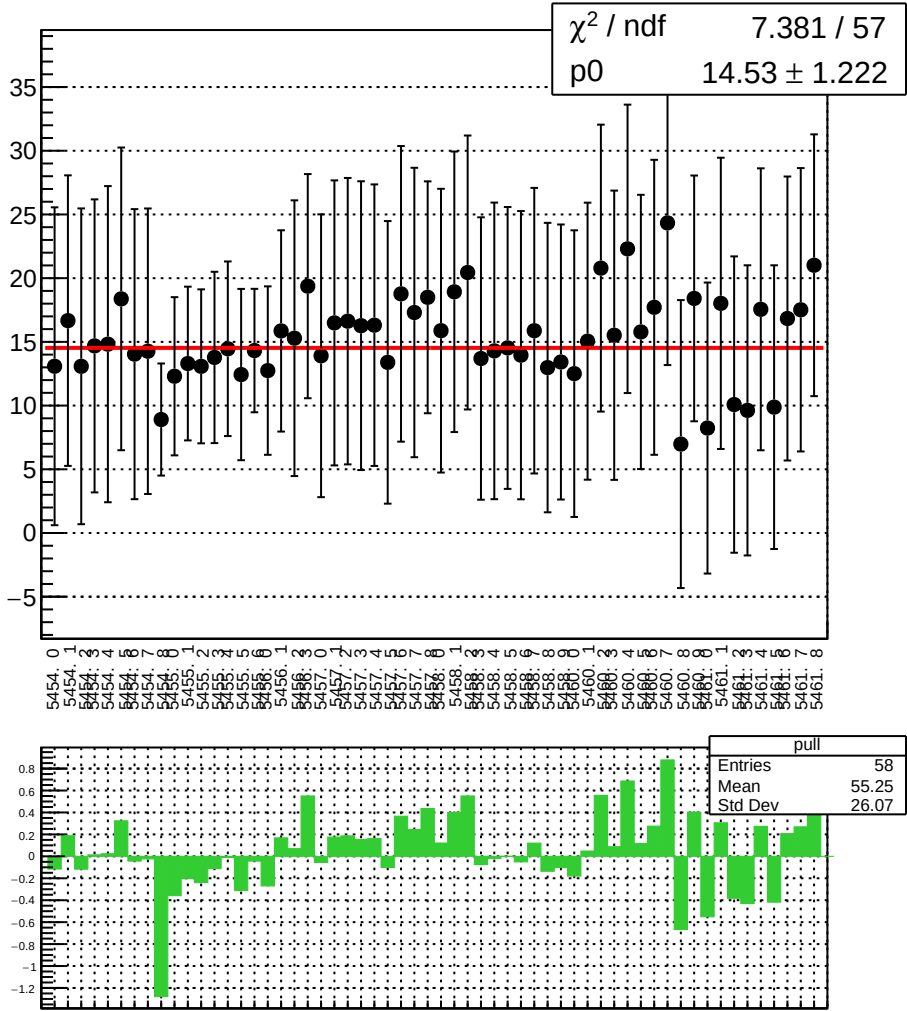
reg\_asym\_sam\_37\_dd\_diff\_bpm4aY\_slope vs run



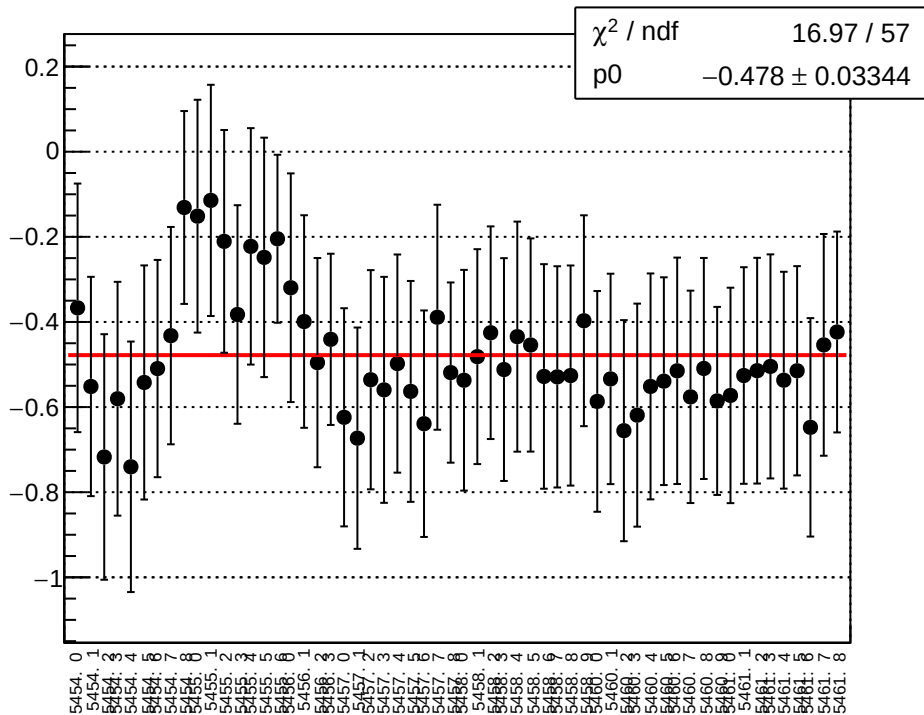
reg\_asym\_sam\_37\_dd\_diff\_bpm4eX\_slope vs run



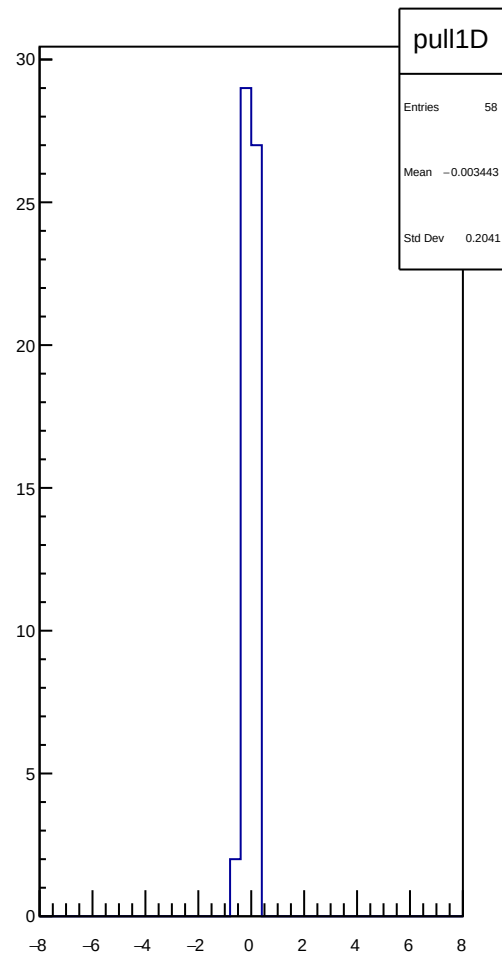
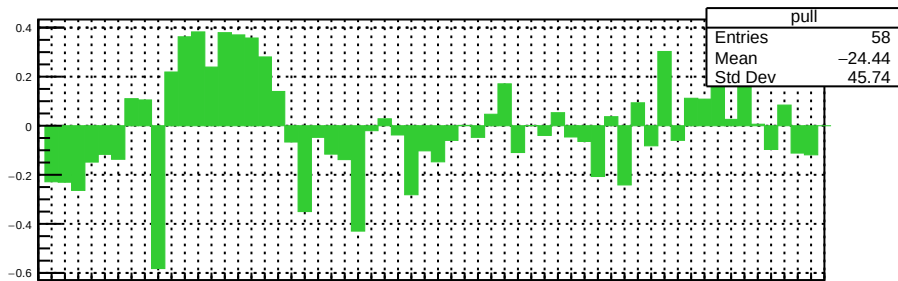
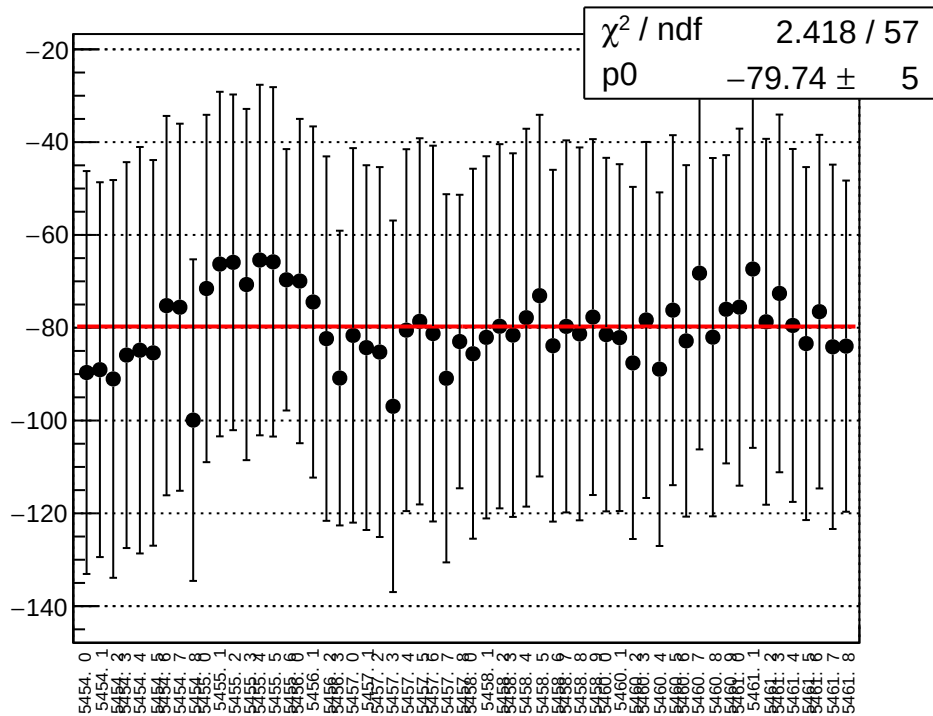
reg\_asym\_sam\_37\_dd\_diff\_bpm4eY\_slope vs run



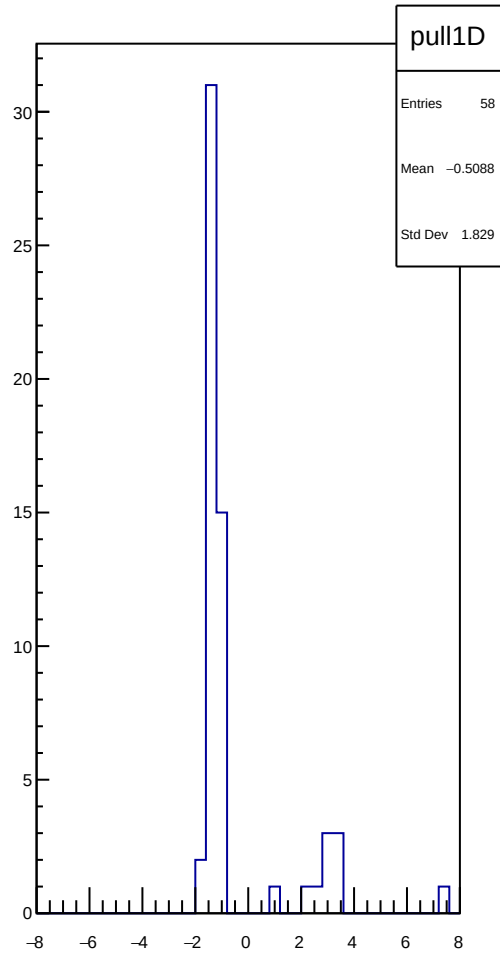
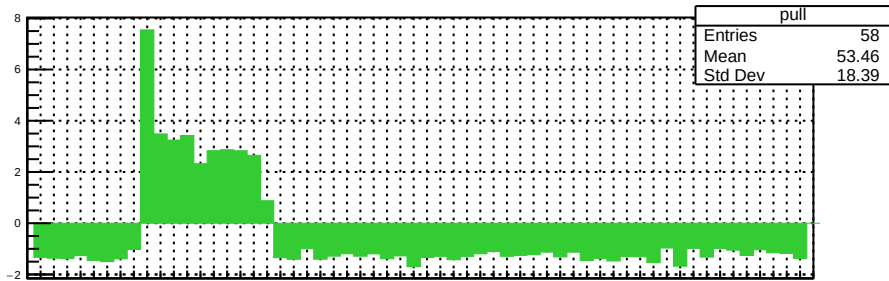
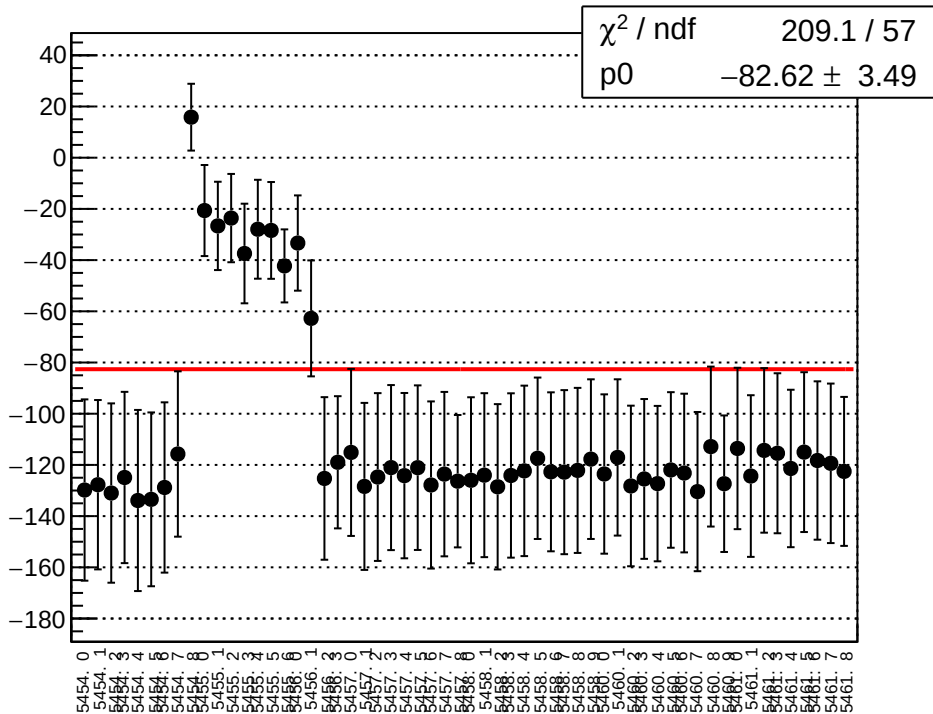
reg\_asym\_sam\_37\_dd\_diff\_bpm12X\_slope vs run



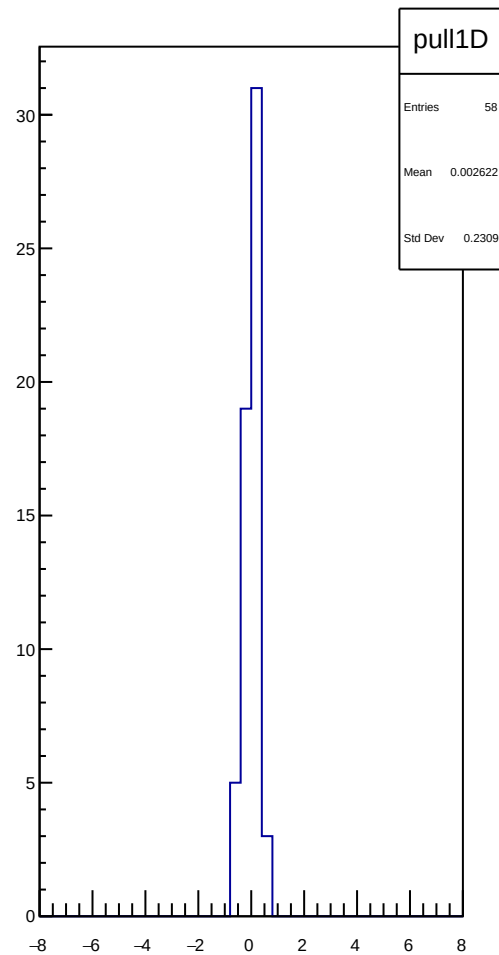
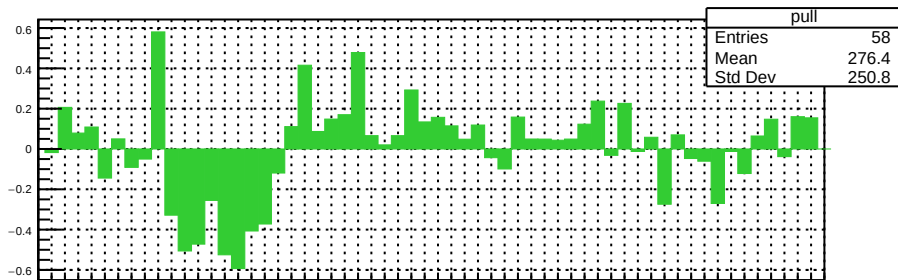
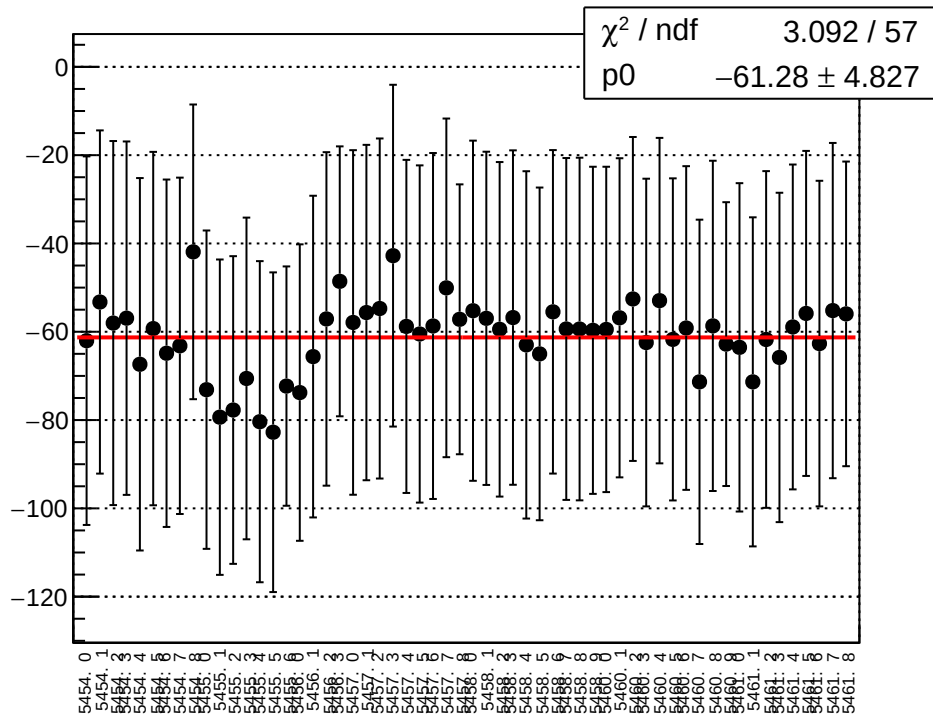
reg\_asym\_sam\_26\_avg\_diff\_bpm4aX\_slope vs run



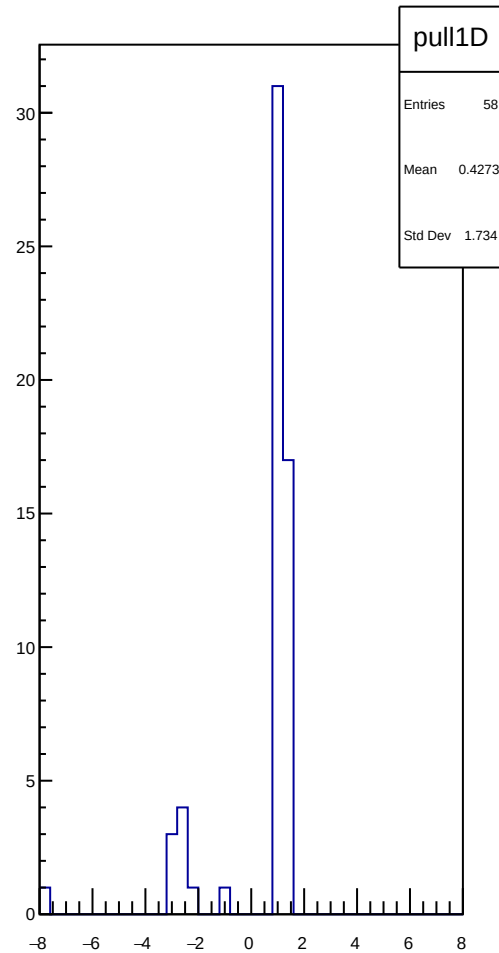
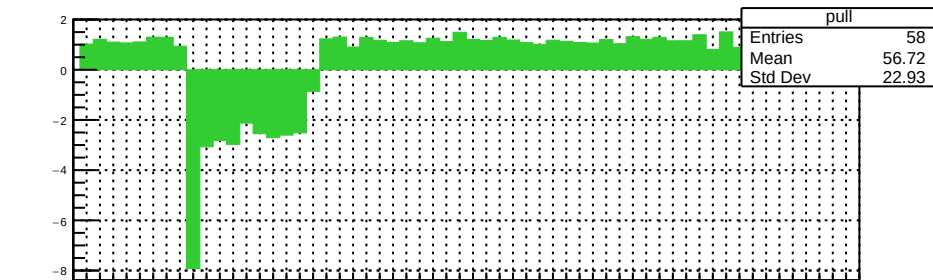
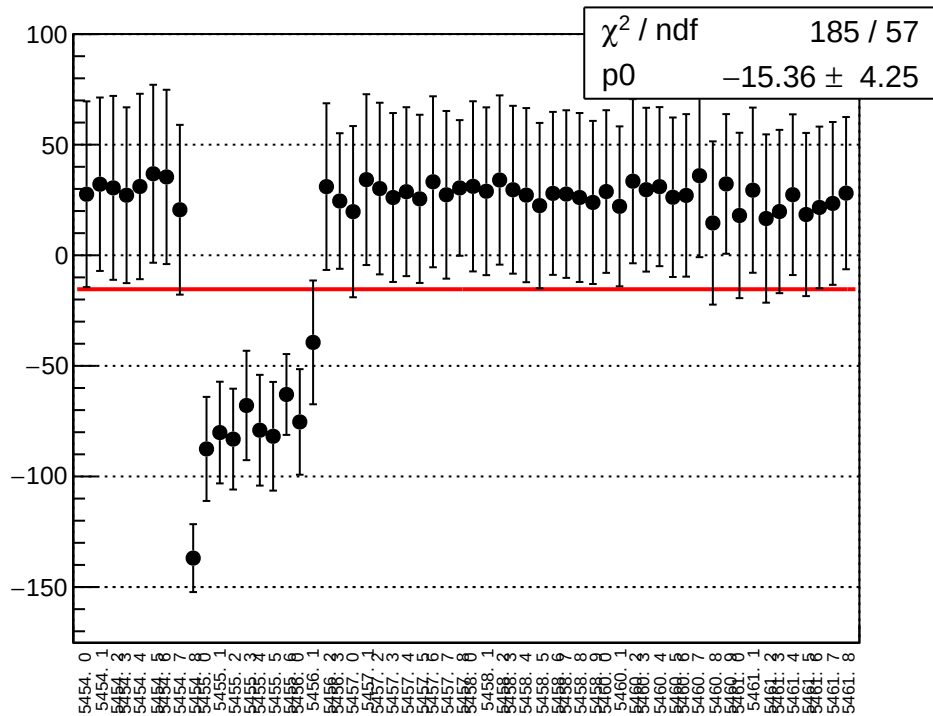
reg\_asym\_sam\_26\_avg\_diff\_bpm4aY\_slope vs run



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

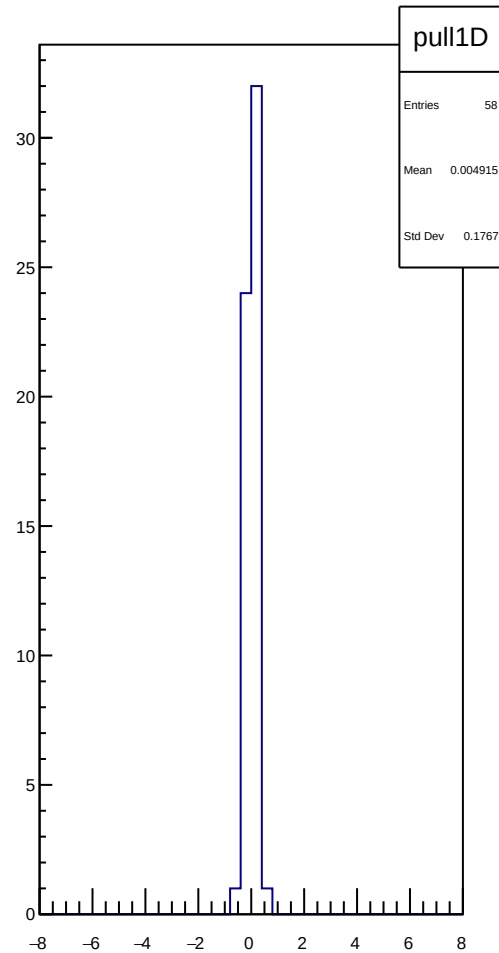
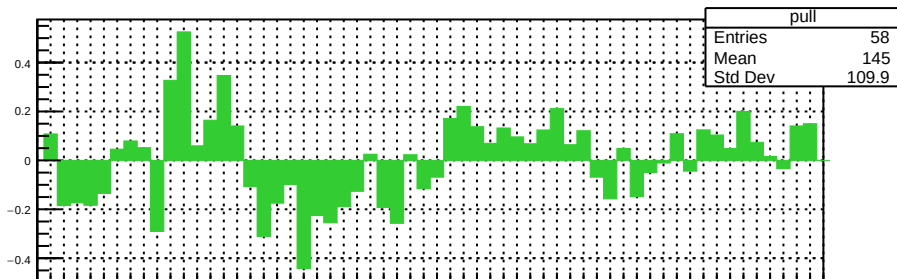
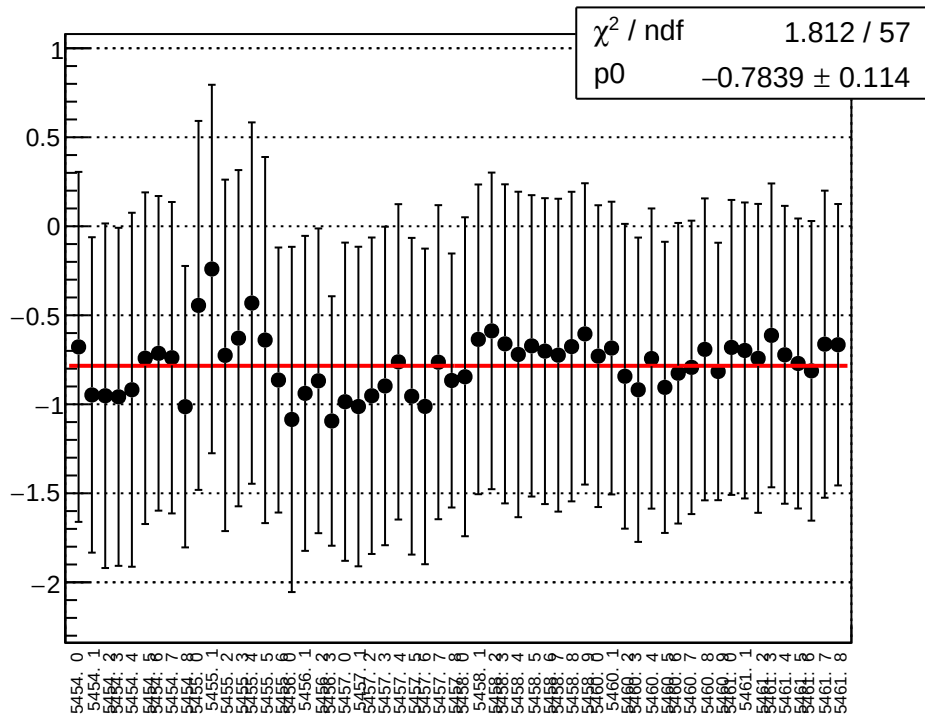


reg\_asym\_sam\_26\_avg\_diff\_bpm4eY\_slope vs run

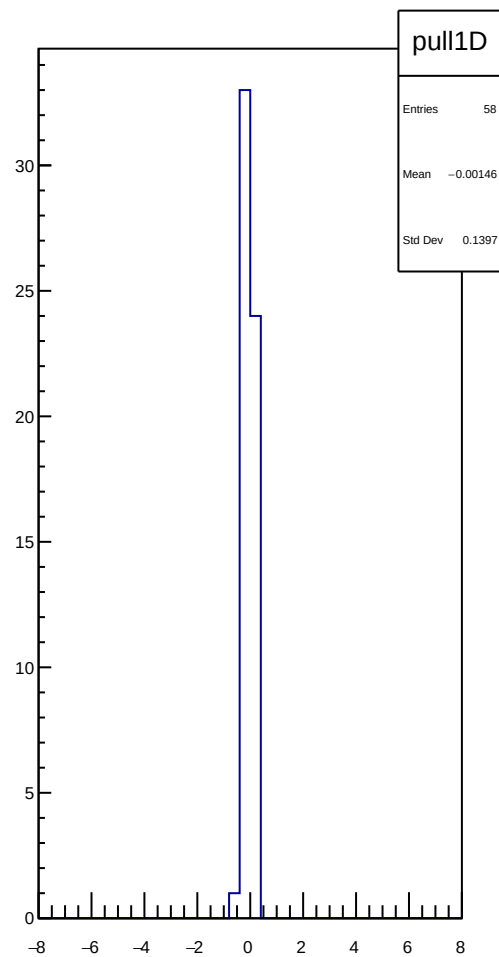
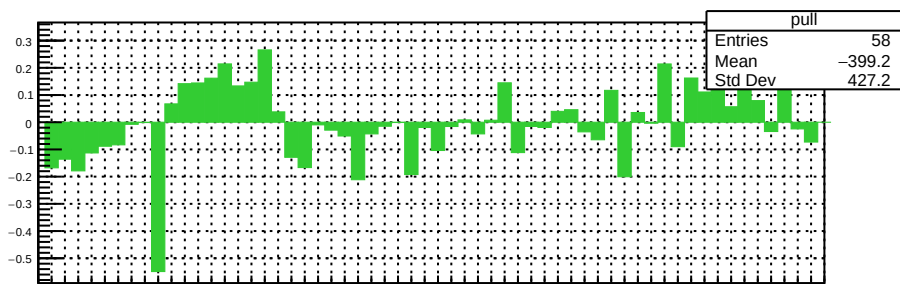
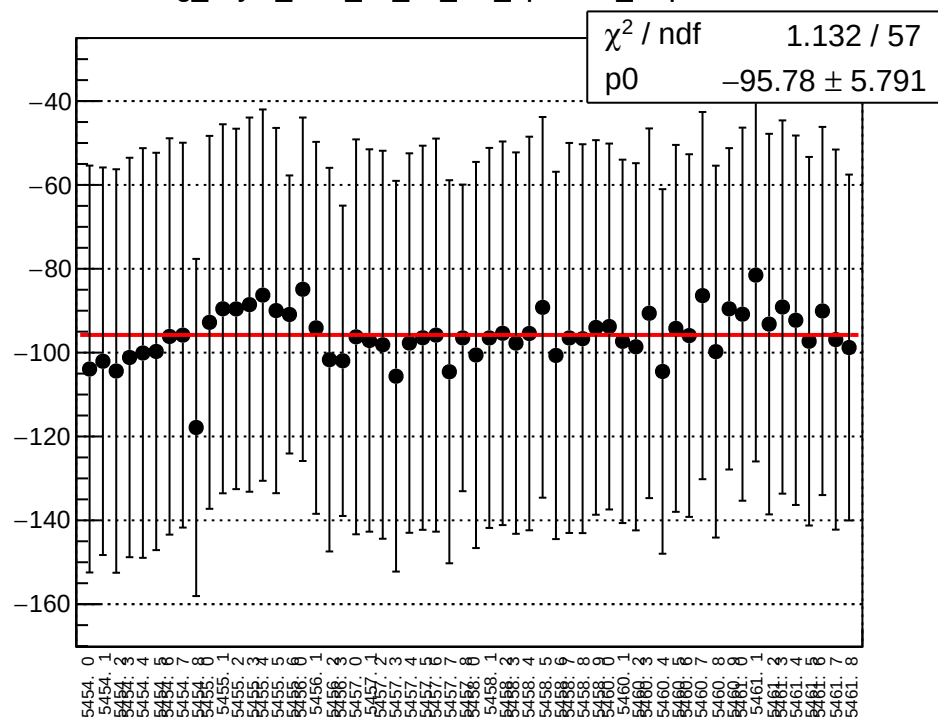




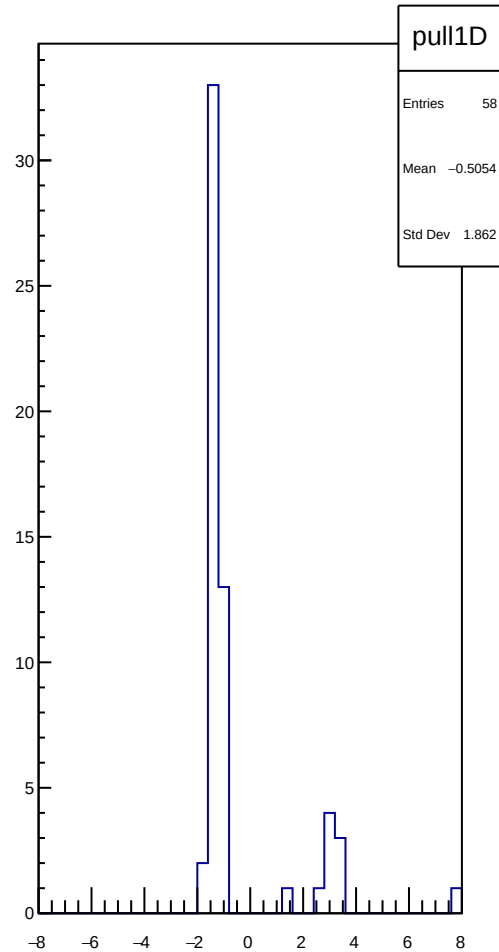
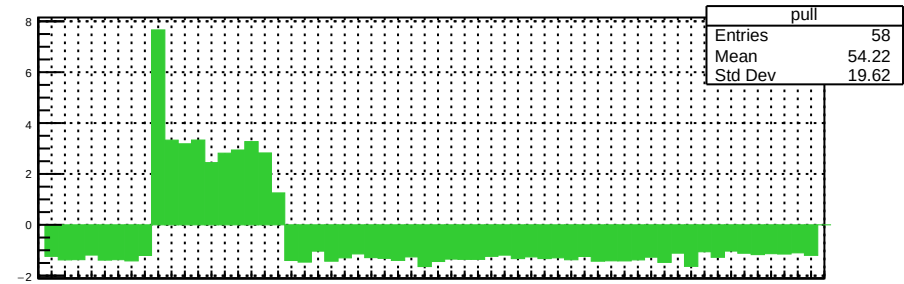
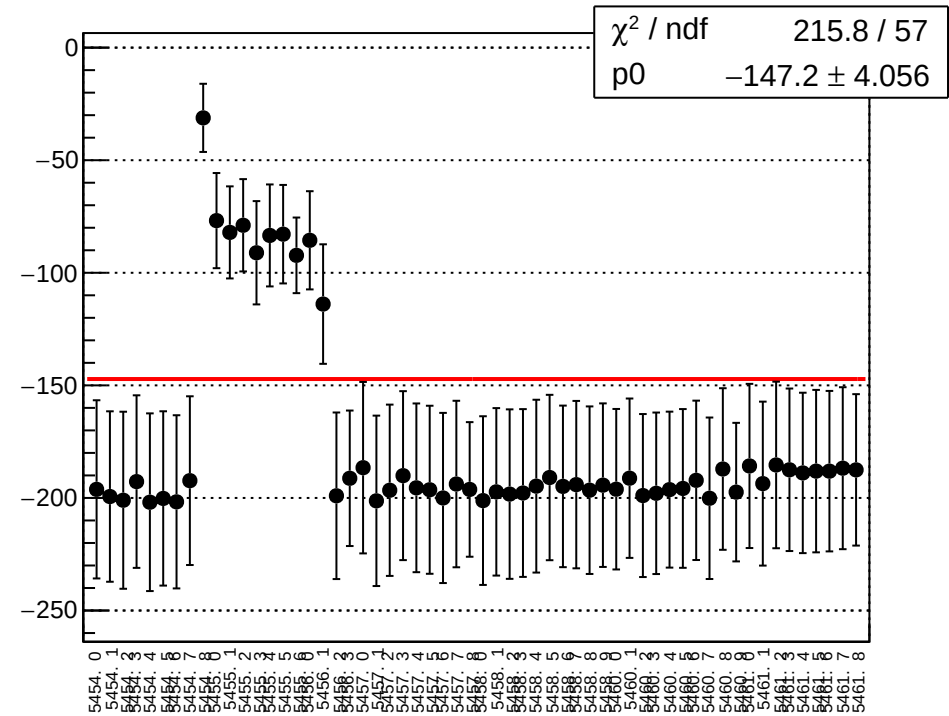
reg\_asym\_sam\_26\_avg\_diff\_bpm12X\_slope vs run



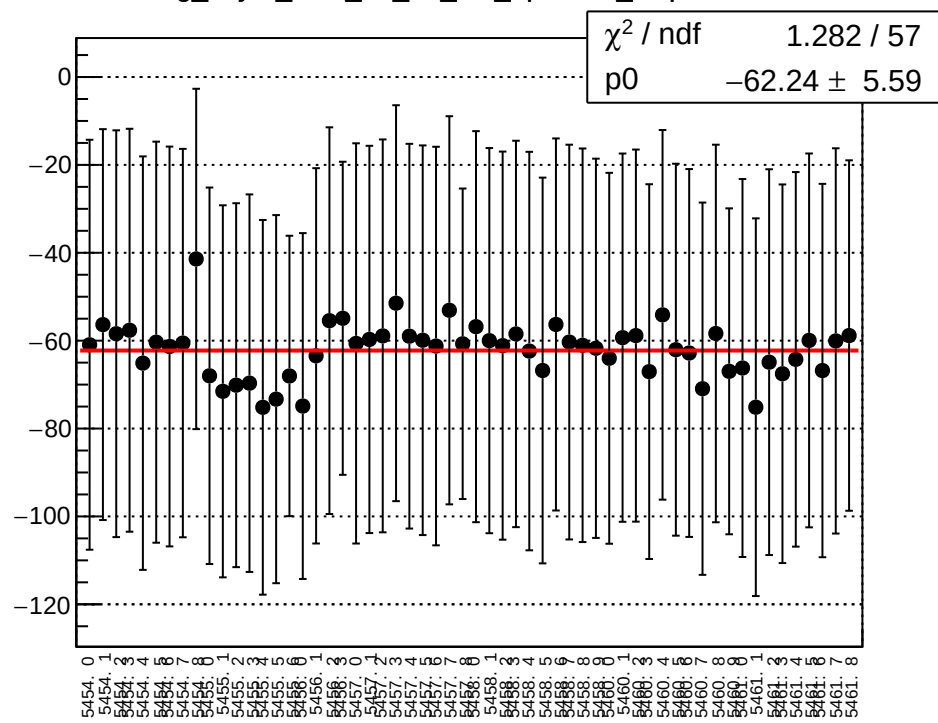
reg\_asym\_sam\_26\_dd\_diff\_bpm4aX\_slope vs run



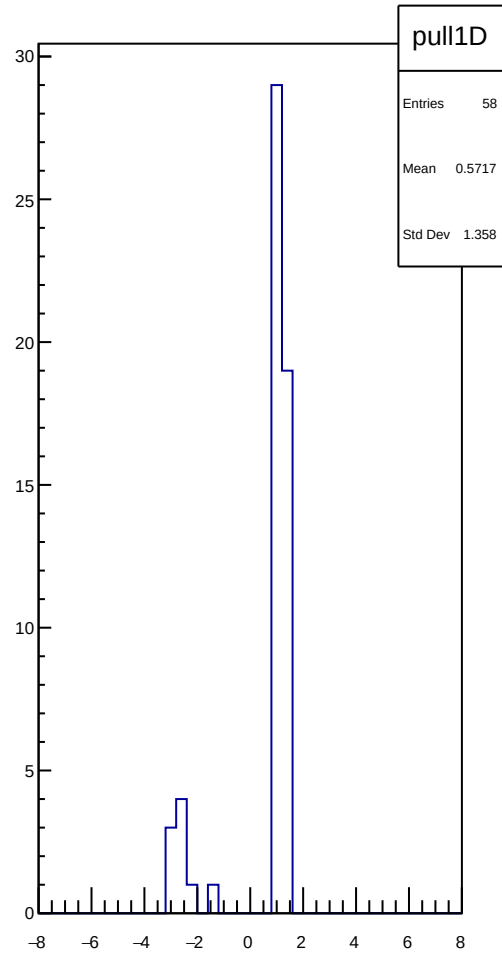
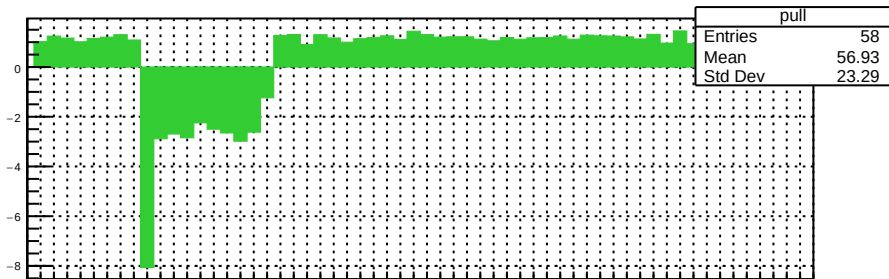
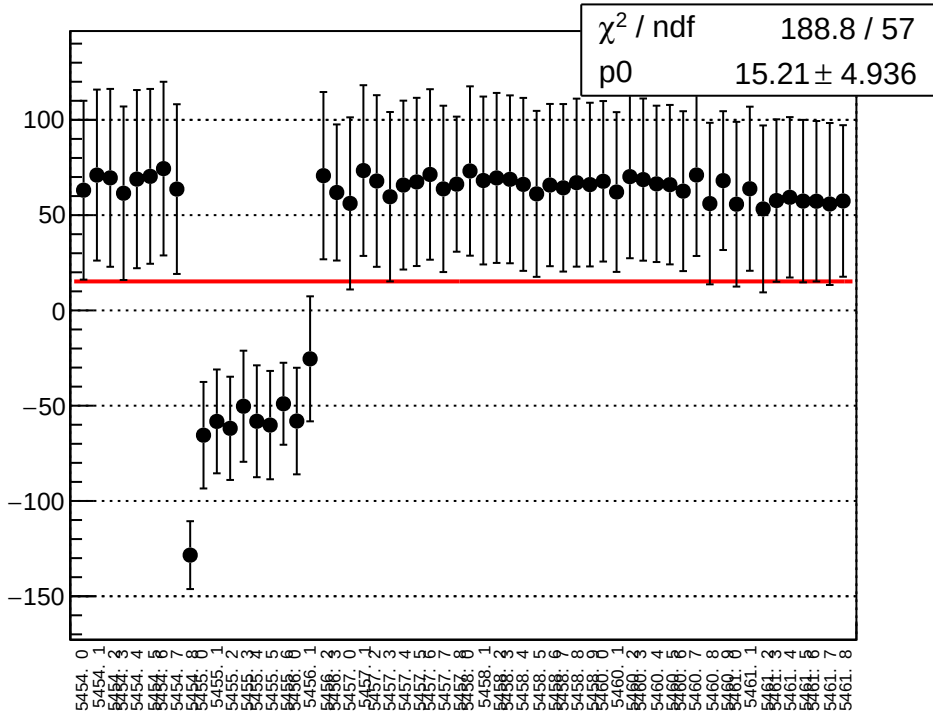
reg\_asym\_sam\_26\_dd\_diff\_bpm4aY\_slope vs run



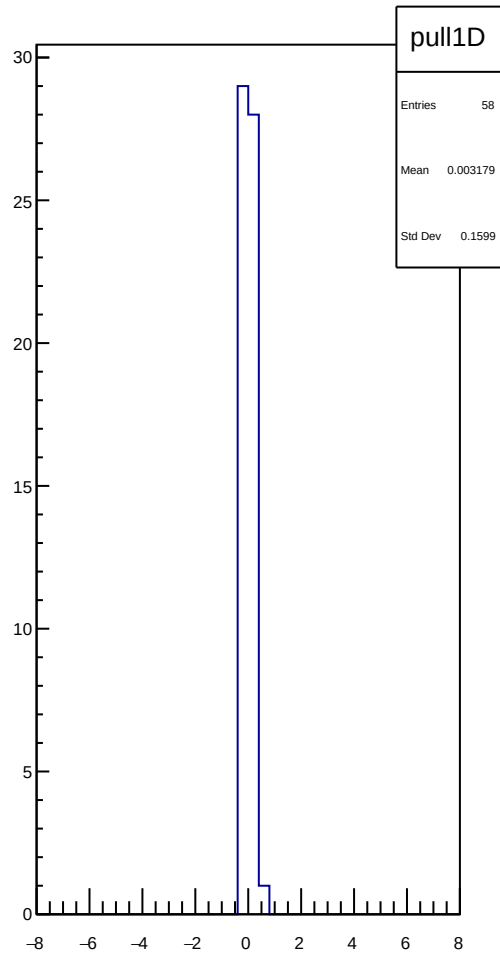
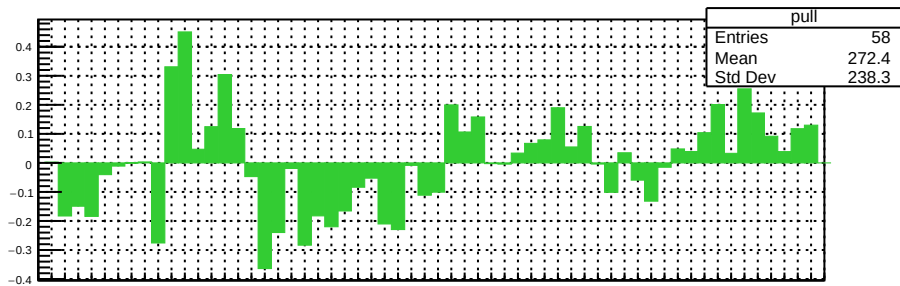
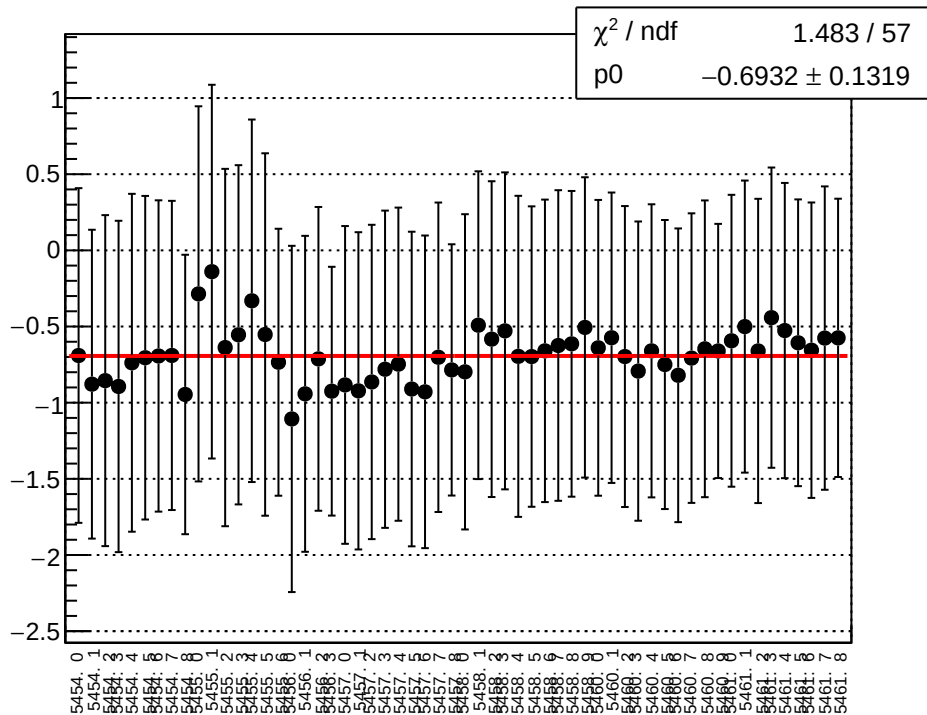
reg\_asym\_sam\_26\_dd\_diff\_bpm4eX\_slope vs run



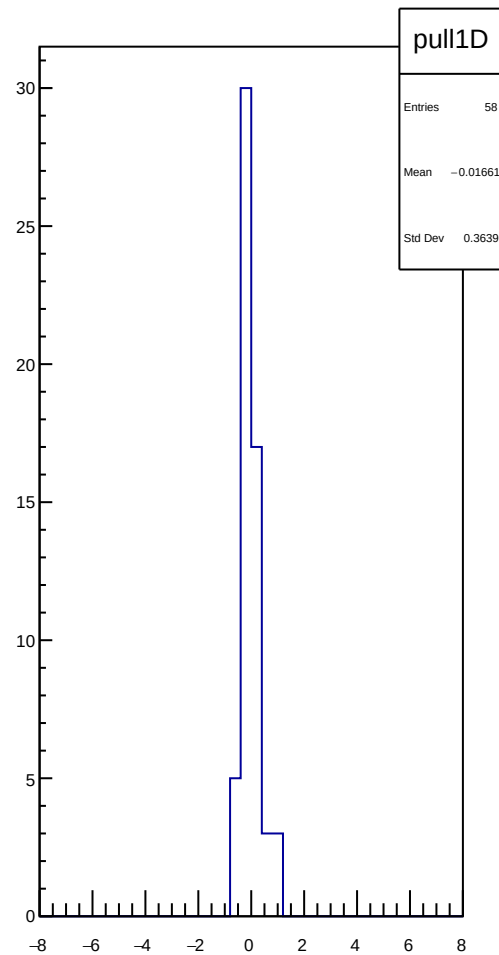
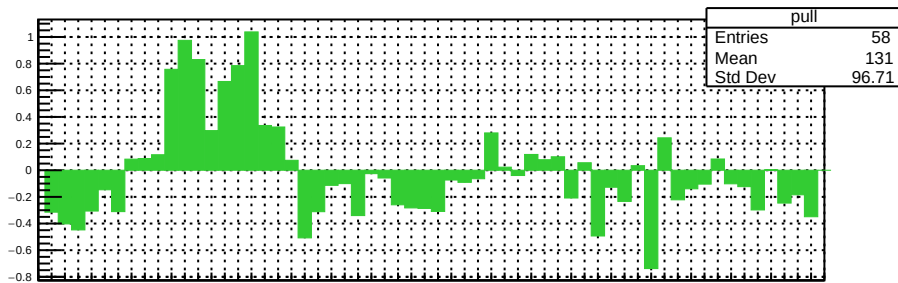
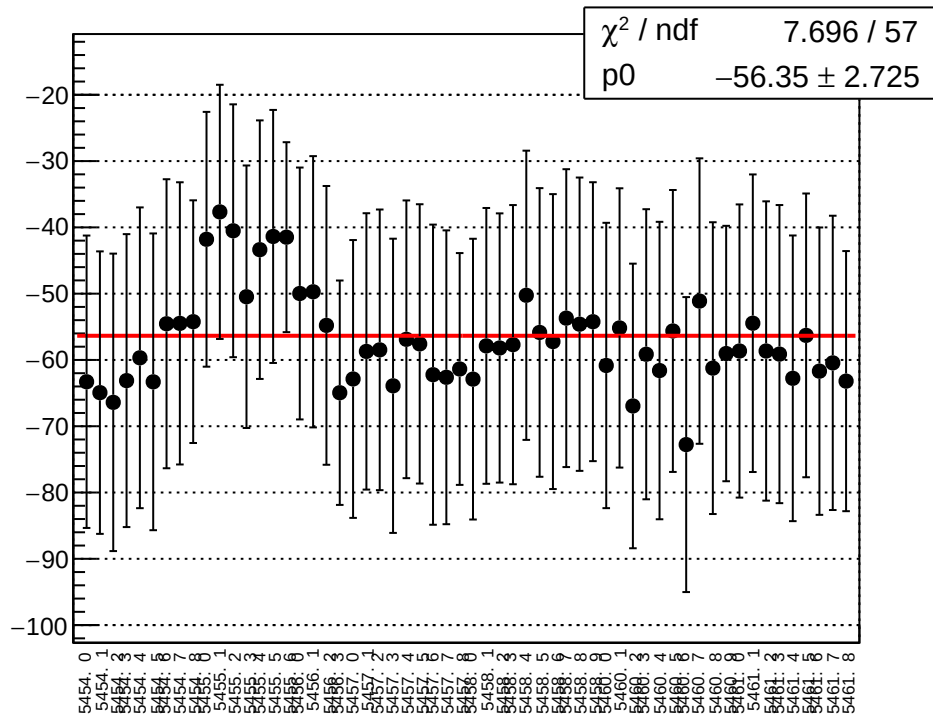
reg\_asym\_sam\_26\_dd\_diff\_bpm4eY\_slope vs run



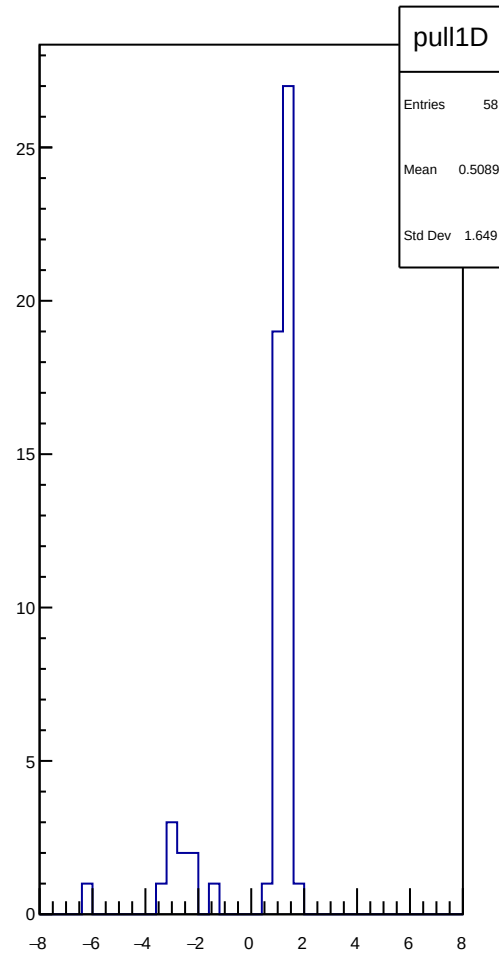
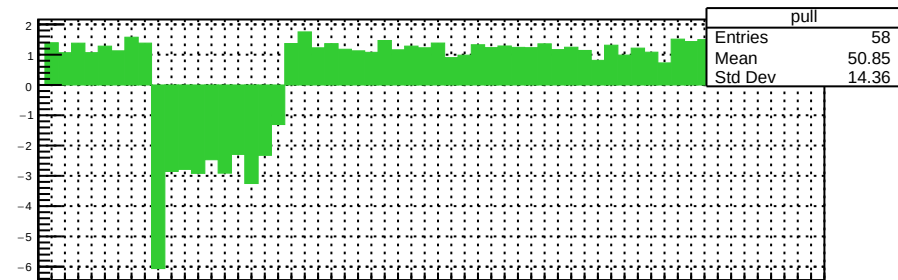
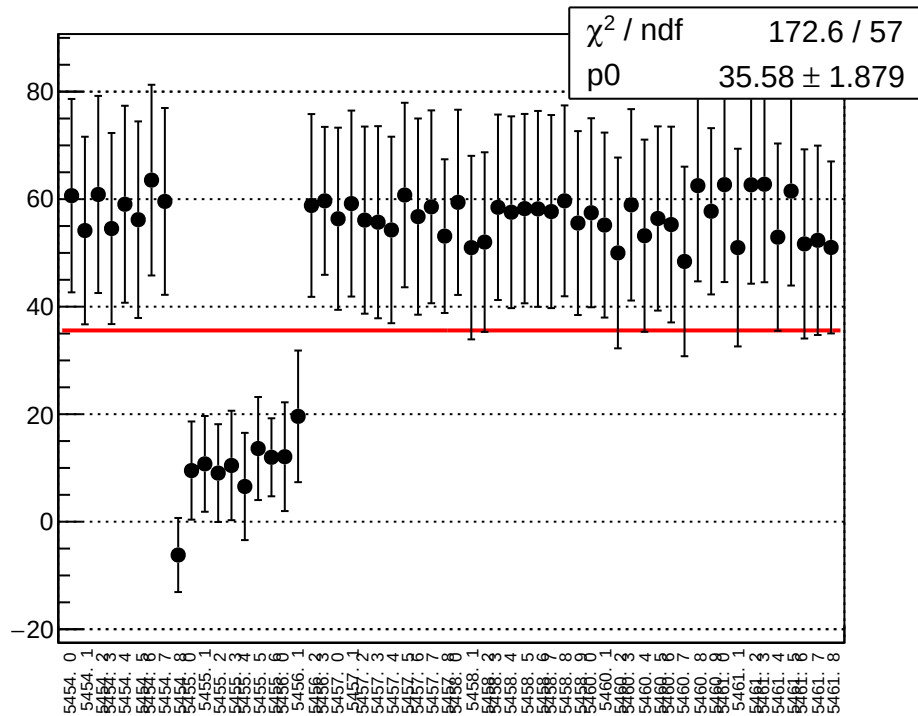
reg\_asym\_sam\_26\_dd\_diff\_bpm12X\_slope vs run



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

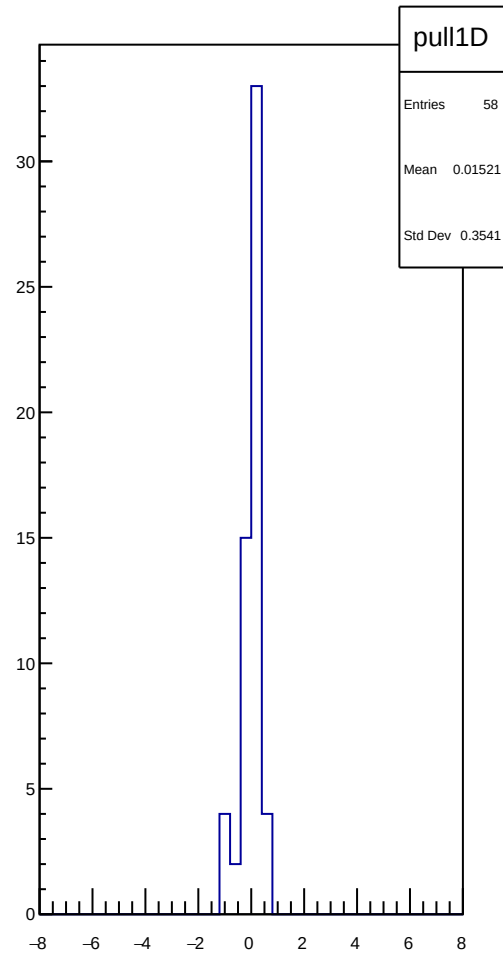
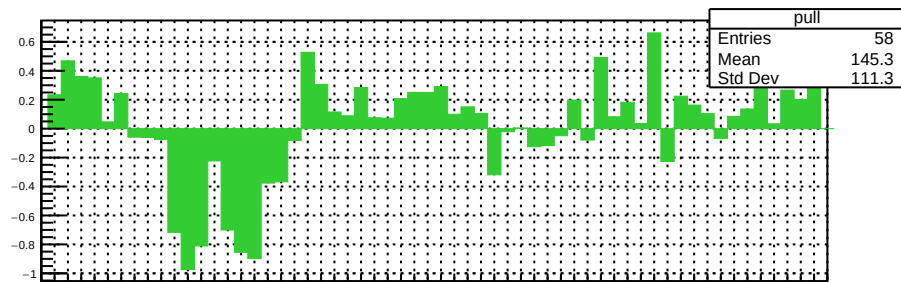
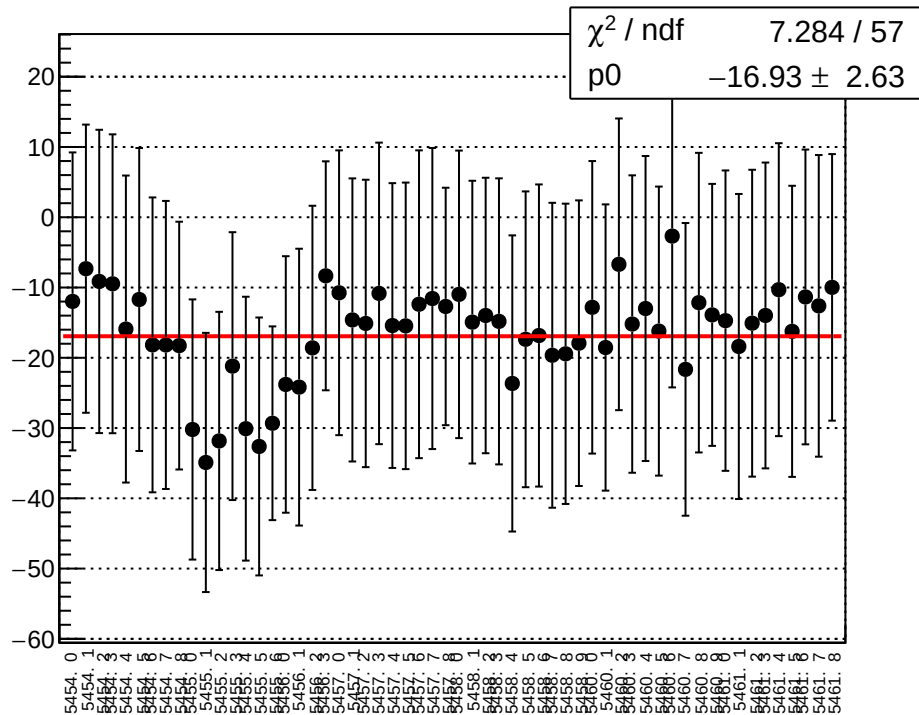


reg\_asym\_sam\_48\_avg\_diff\_bpm4aY\_slope vs run

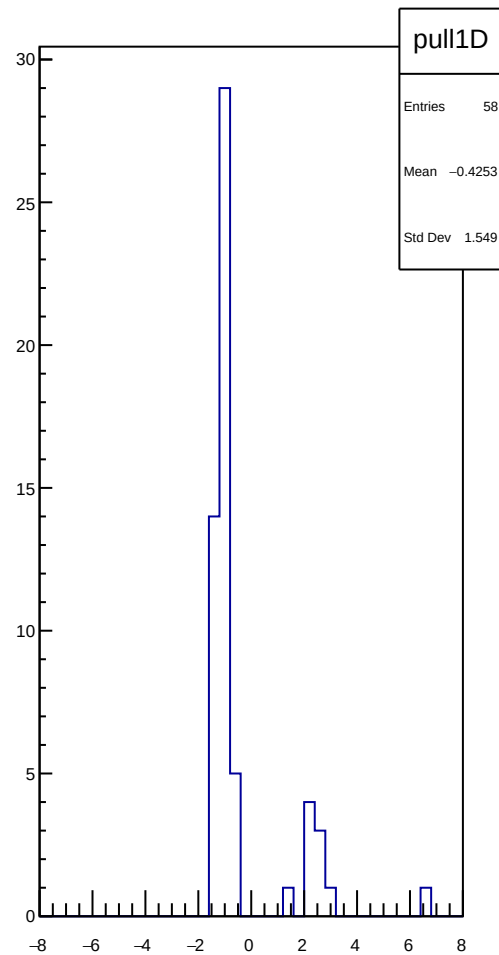
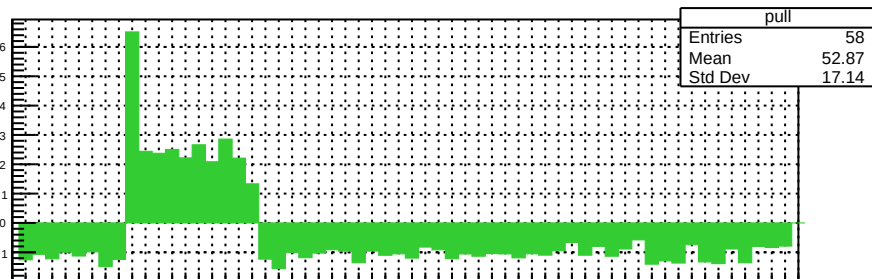
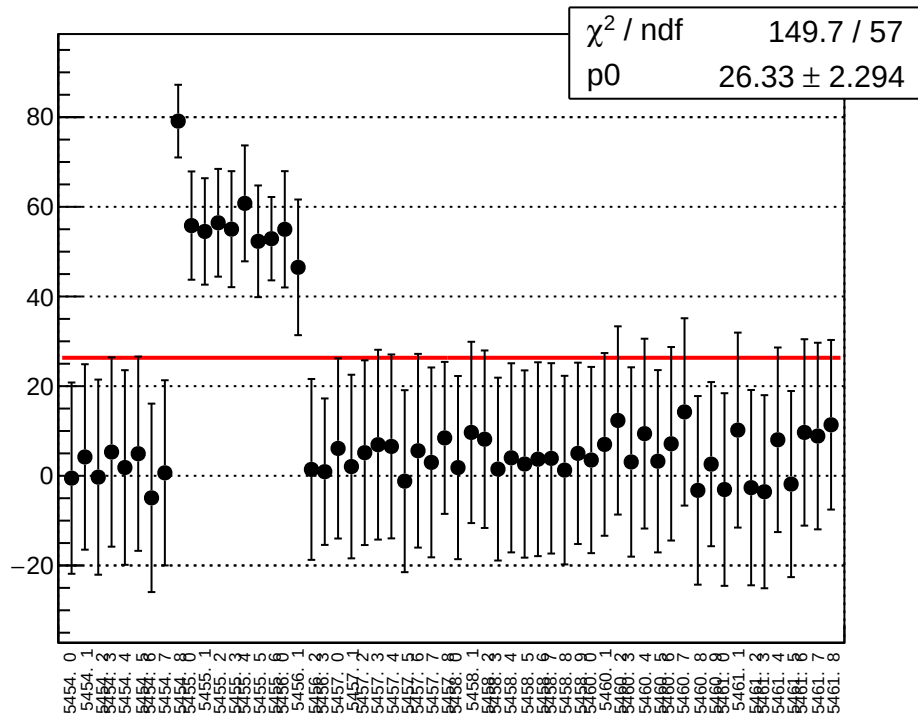




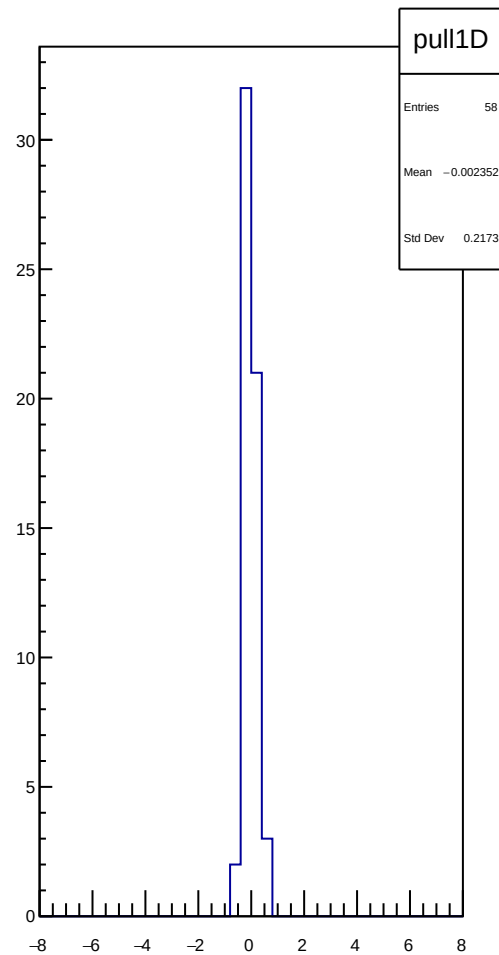
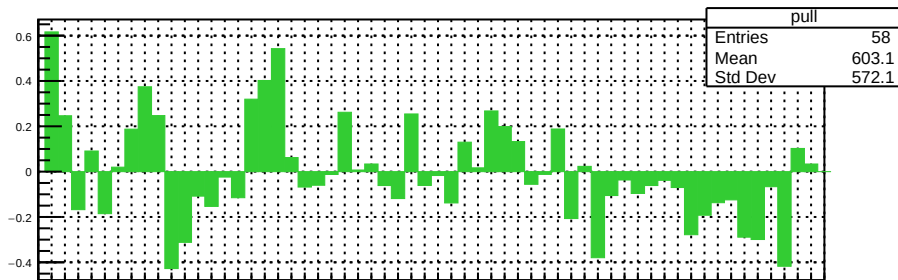
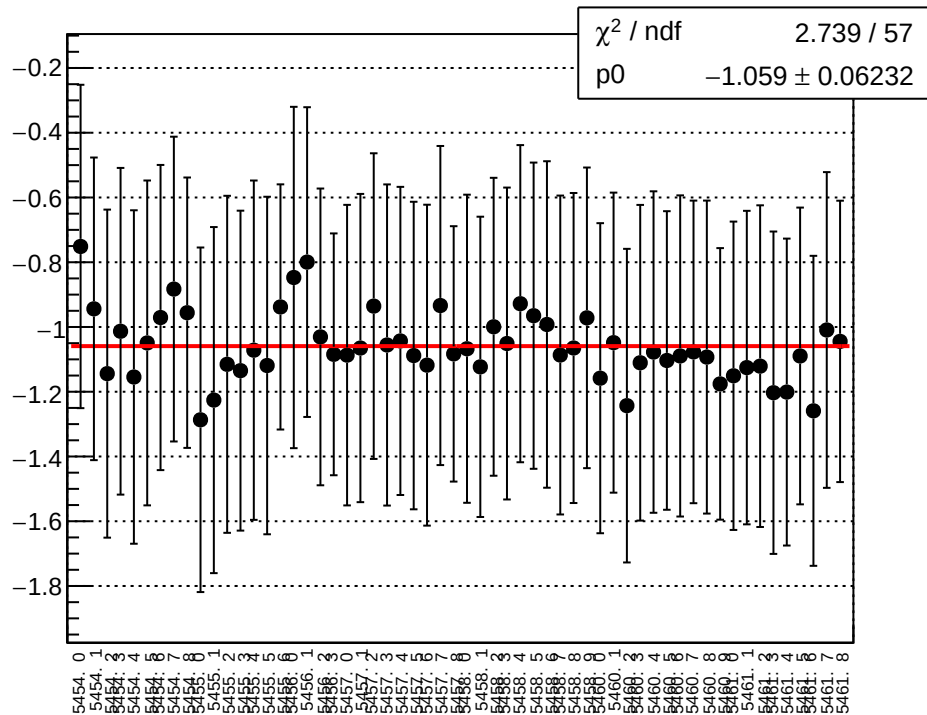
reg\_asym\_sam\_48\_avg\_diff\_bpm4eX\_slope vs run



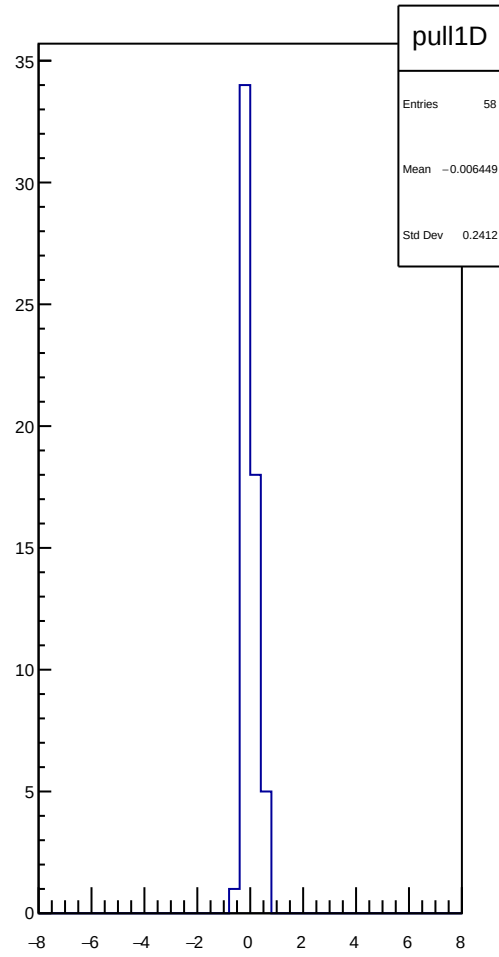
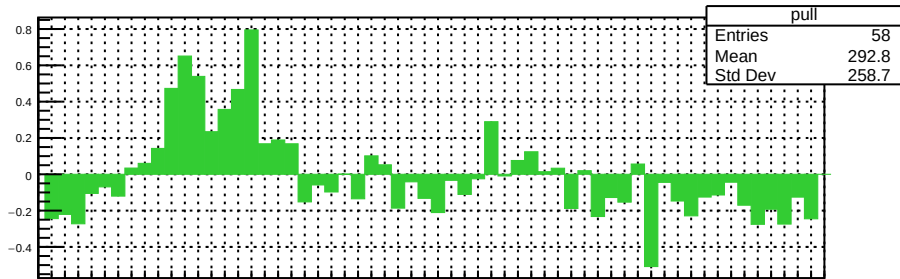
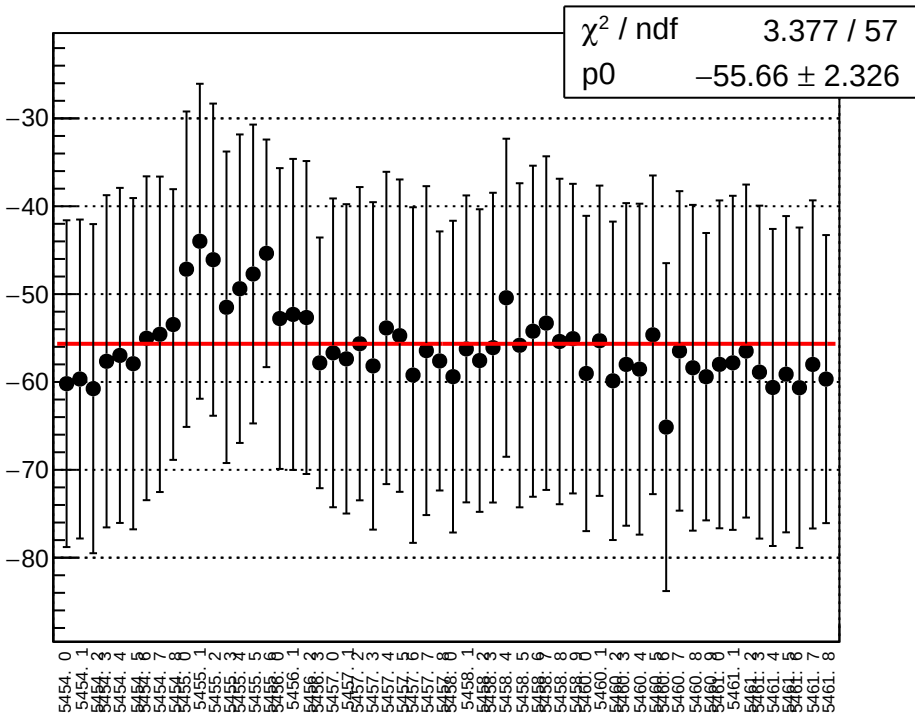
reg\_asym\_sam\_48\_avg\_diff\_bpm4eY\_slope vs run



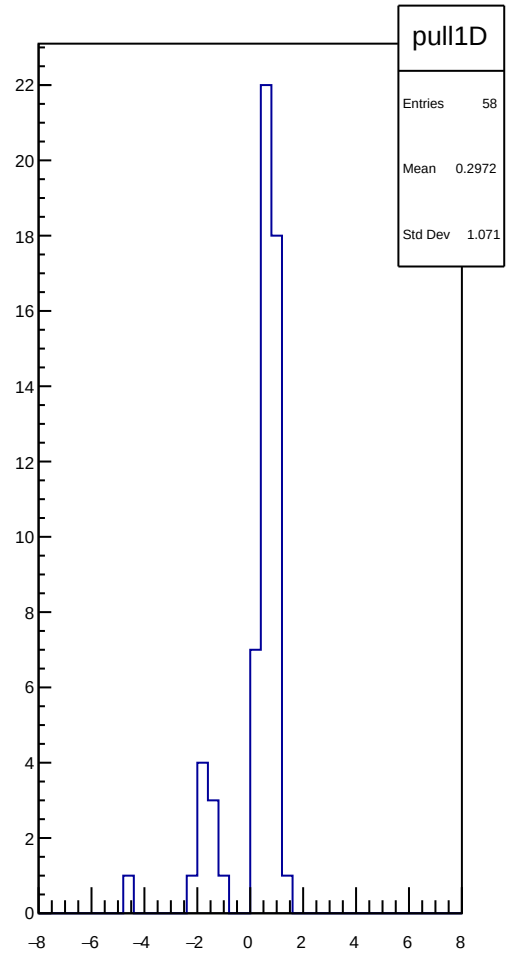
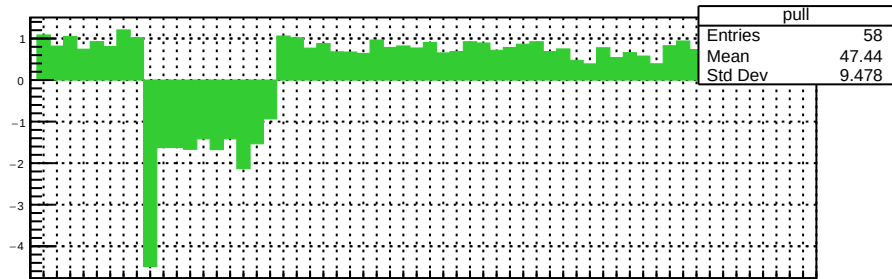
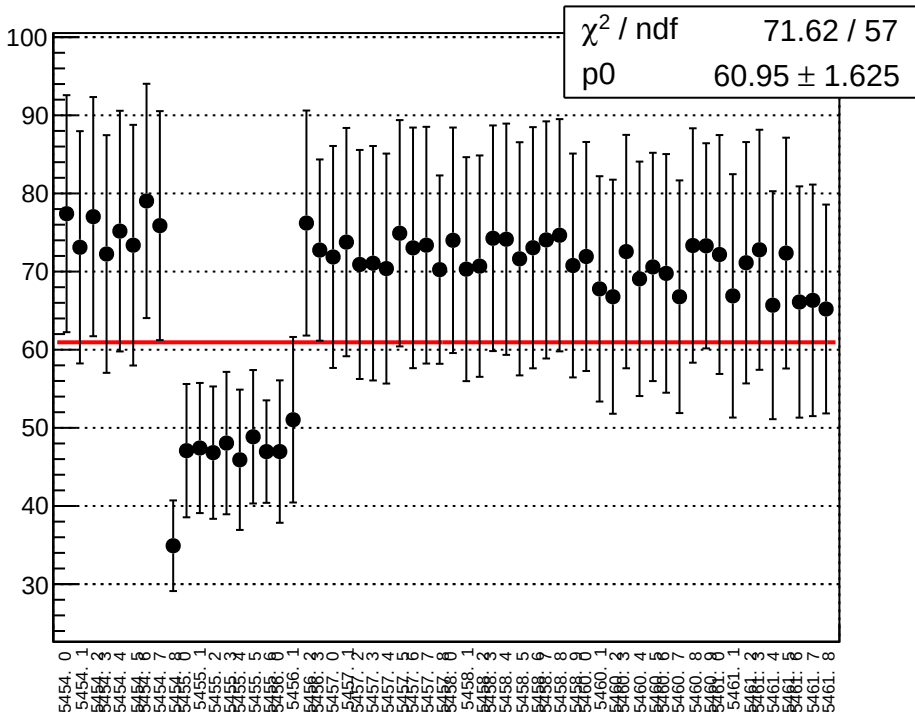
reg\_asym\_sam\_48\_avg\_diff\_bpm12X\_slope vs run



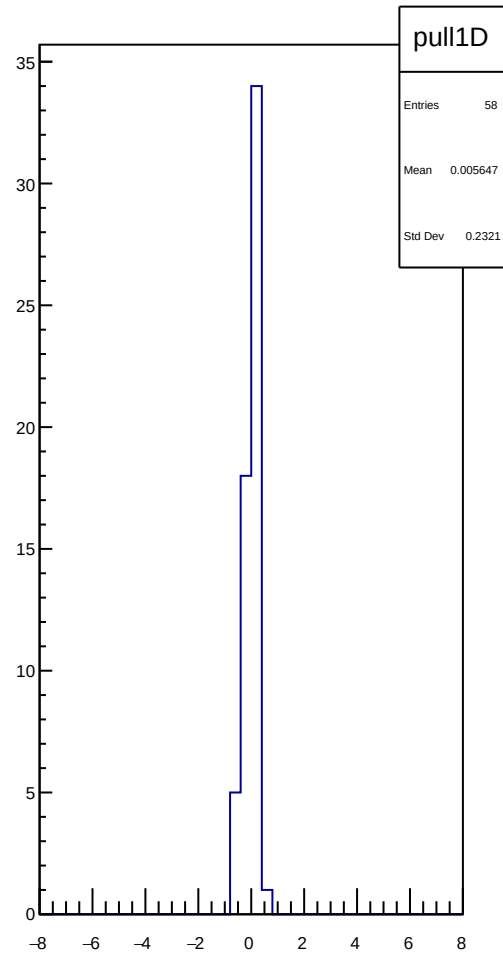
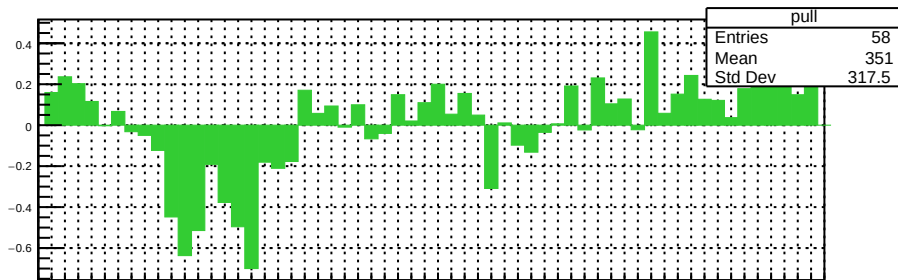
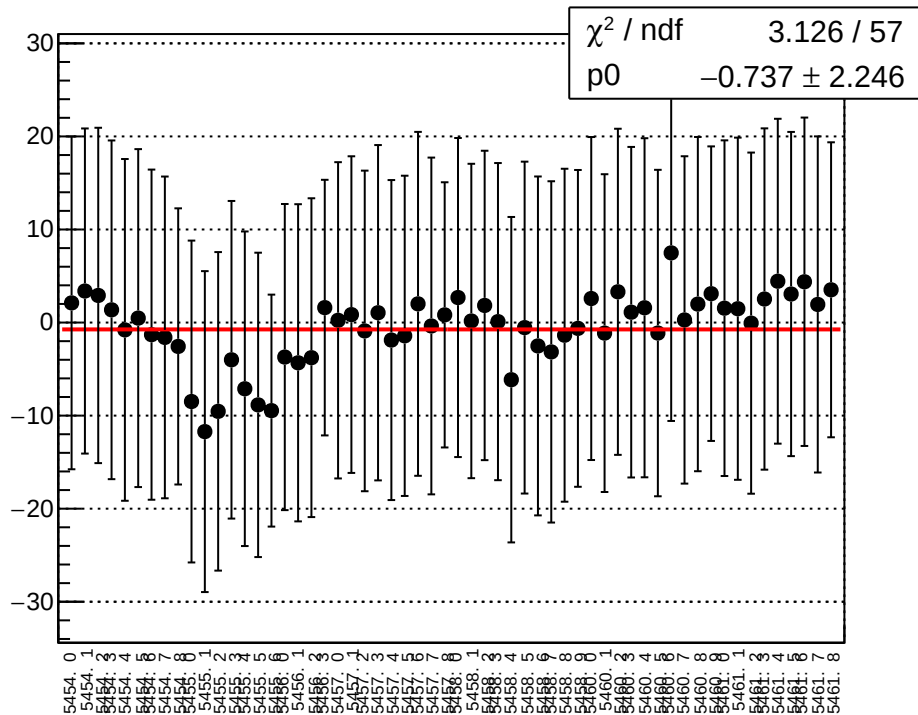
reg\_asym\_sam\_48\_dd\_diff\_bpm4aX\_slope vs run



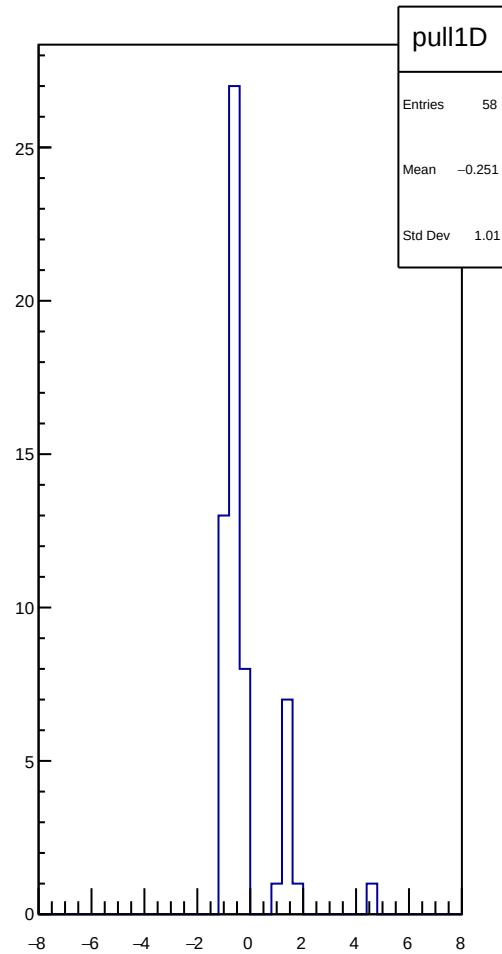
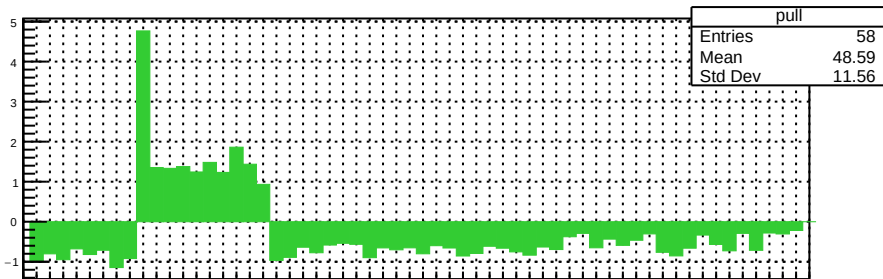
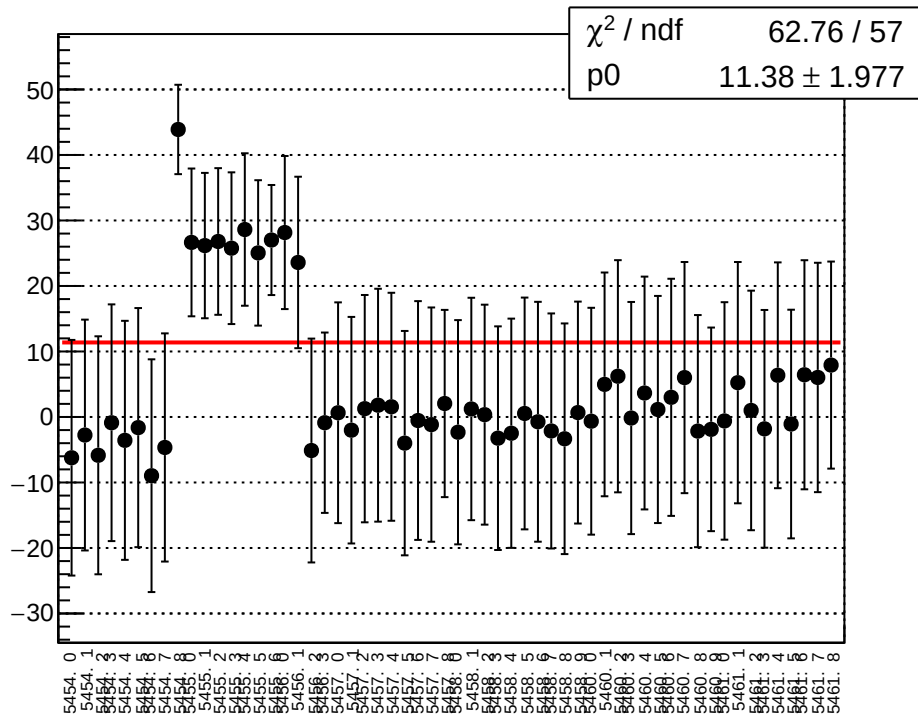
reg\_asym\_sam\_48\_dd\_diff\_bpm4aY\_slope vs run



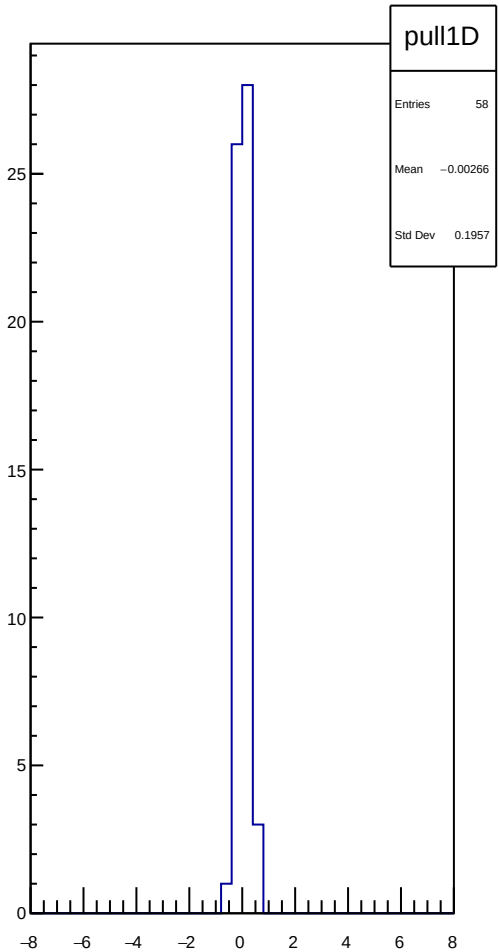
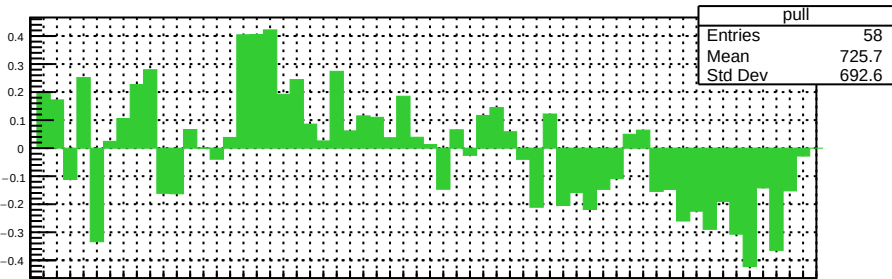
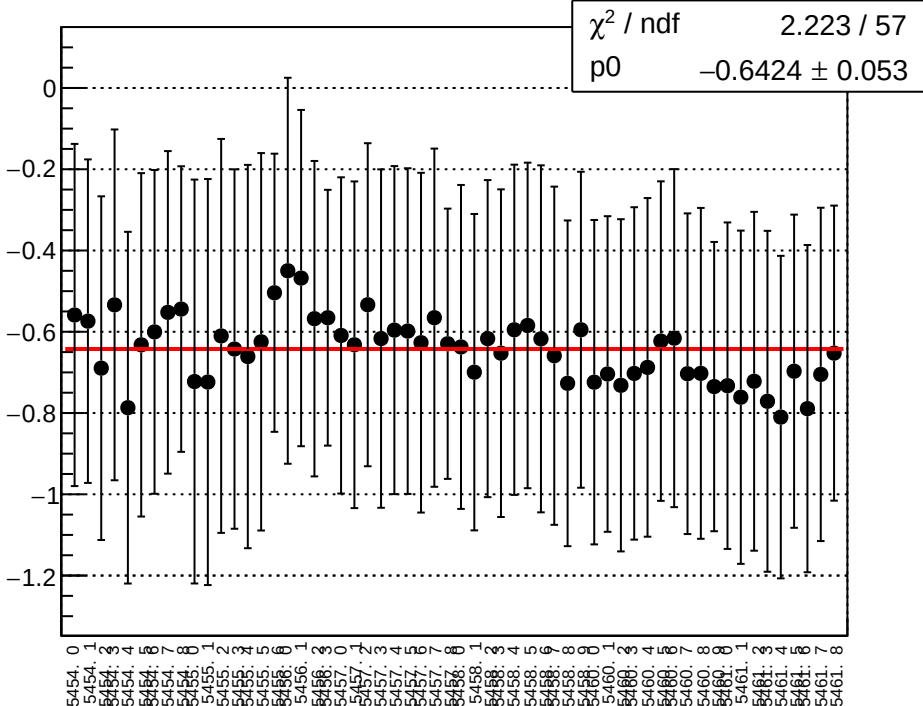
reg\_asym\_sam\_48\_dd\_diff\_bpm4eX\_slope vs run



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

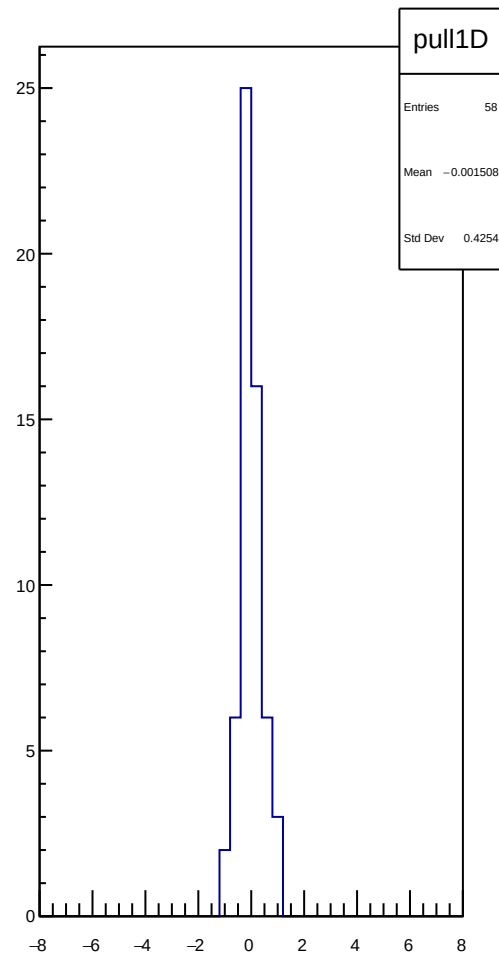
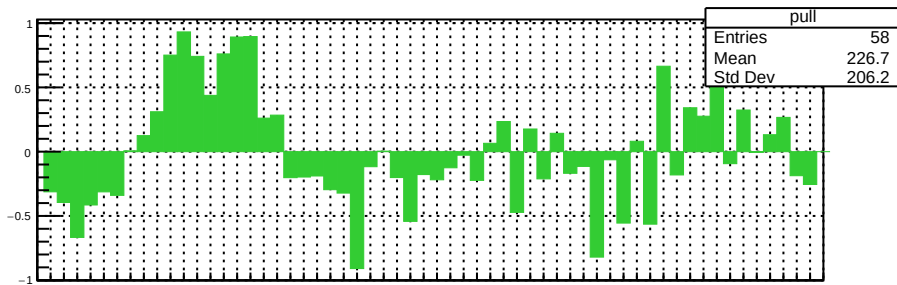
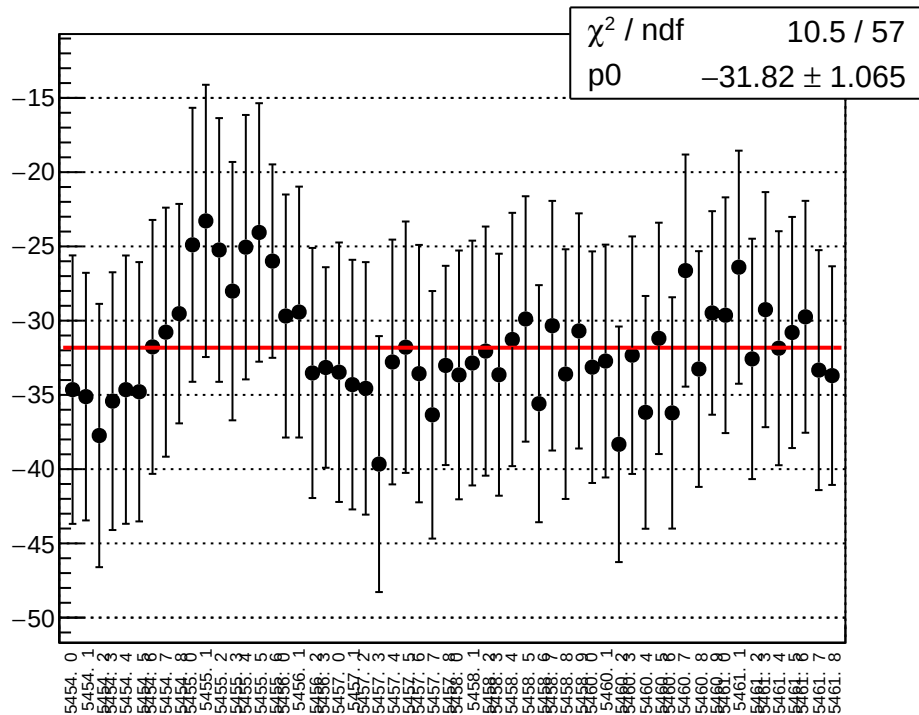


reg\_asym\_sam\_48\_dd\_diff\_bpm12X\_slope vs run

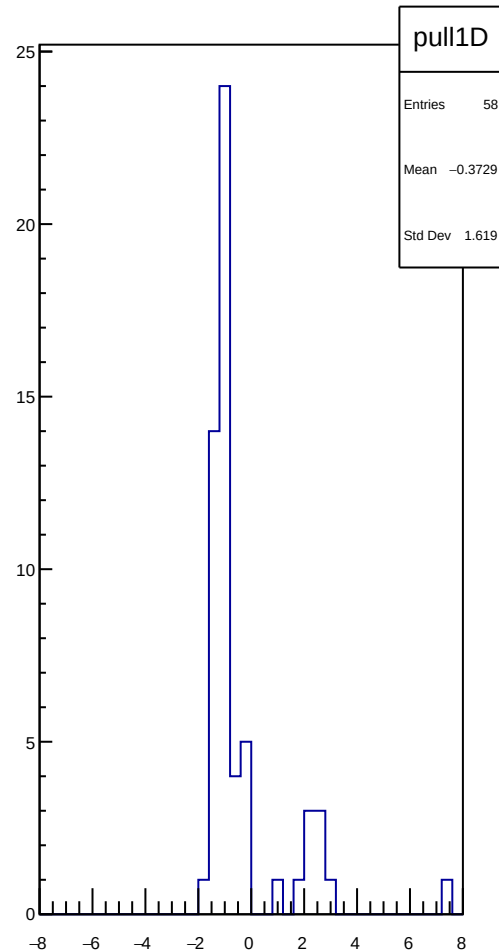
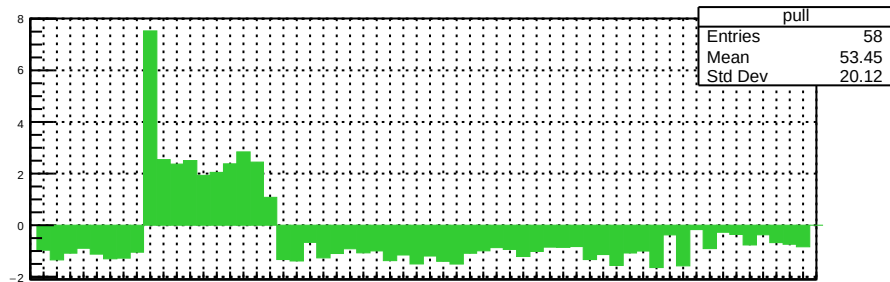
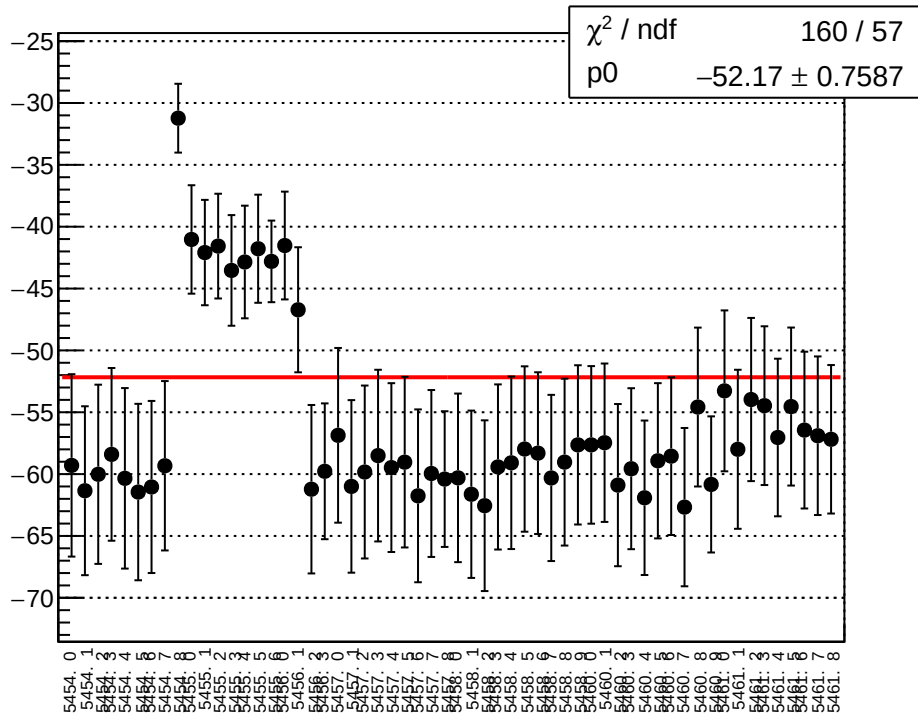




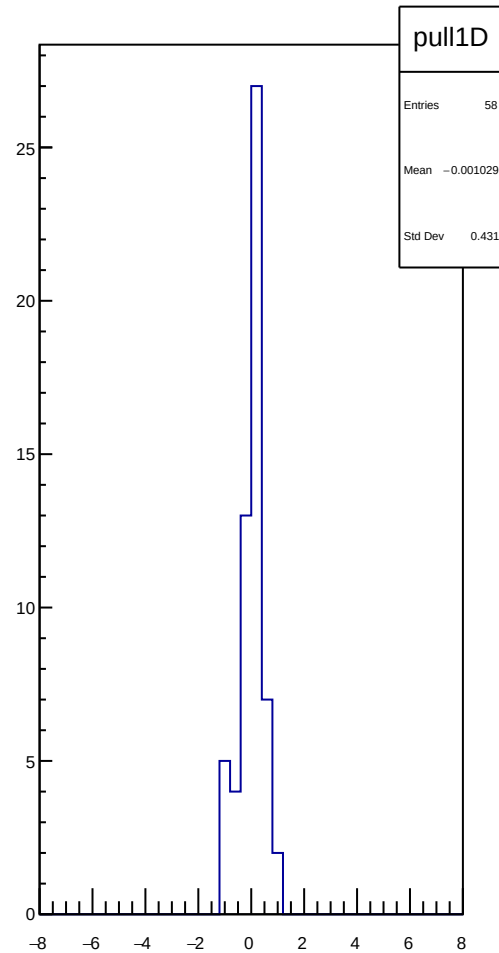
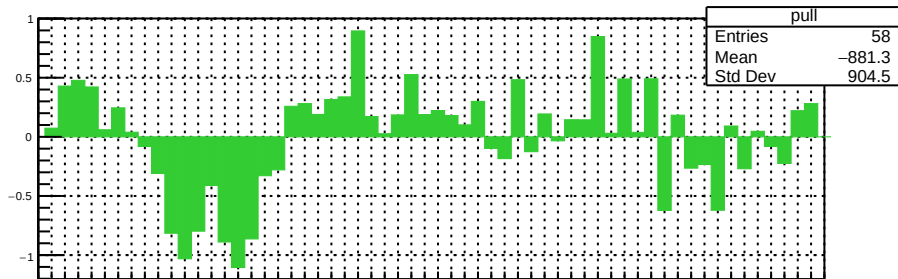
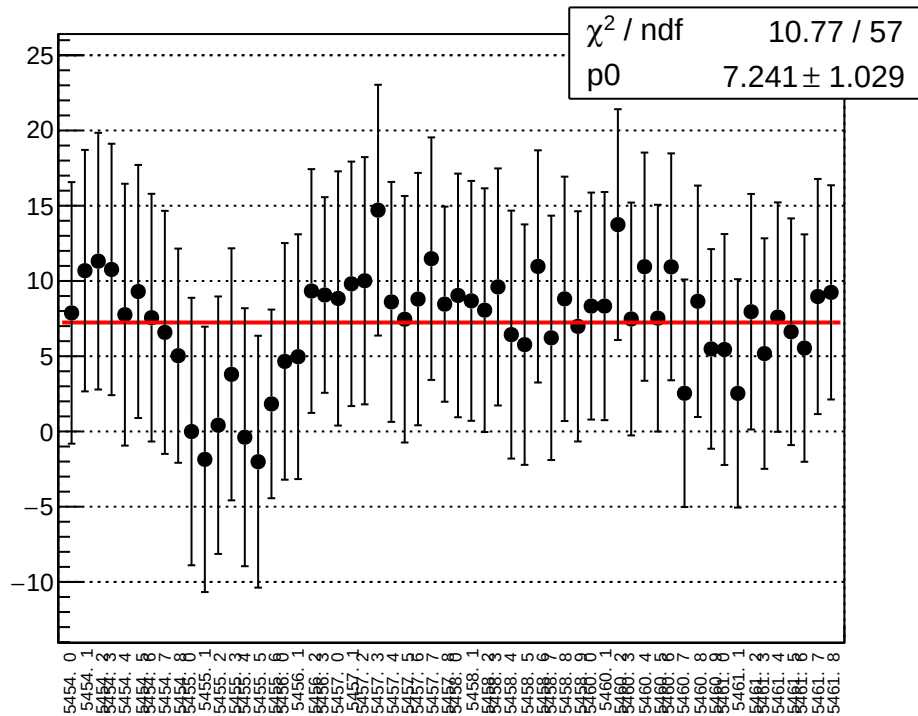
reg\_asym\_sam\_13\_57\_dd\_diff\_bpm4aX\_slope vs run



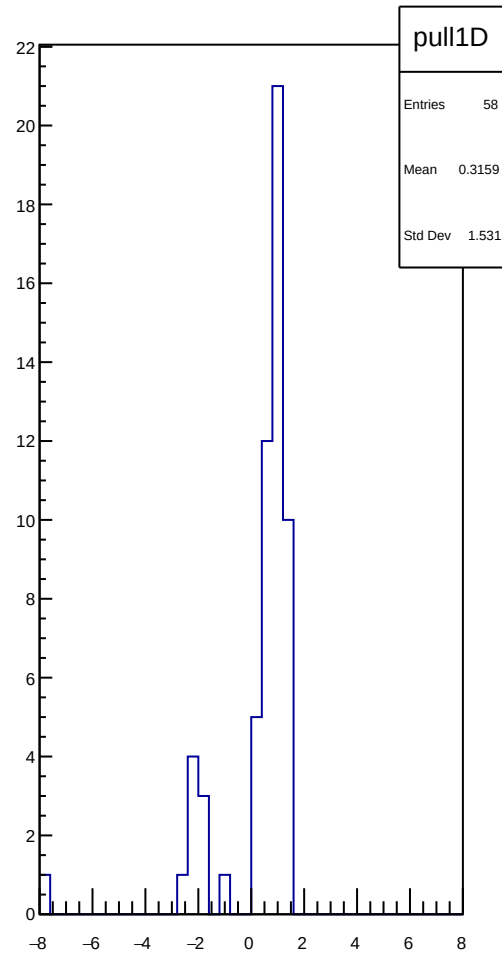
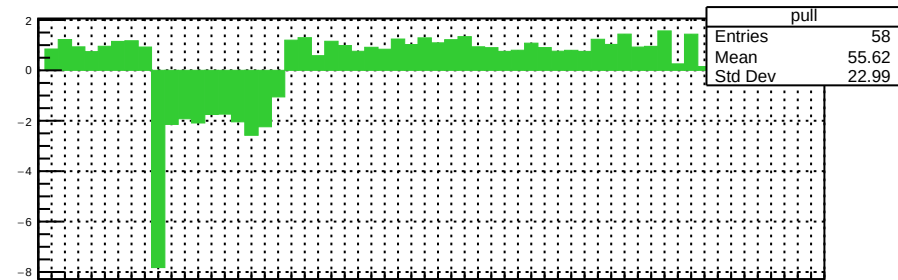
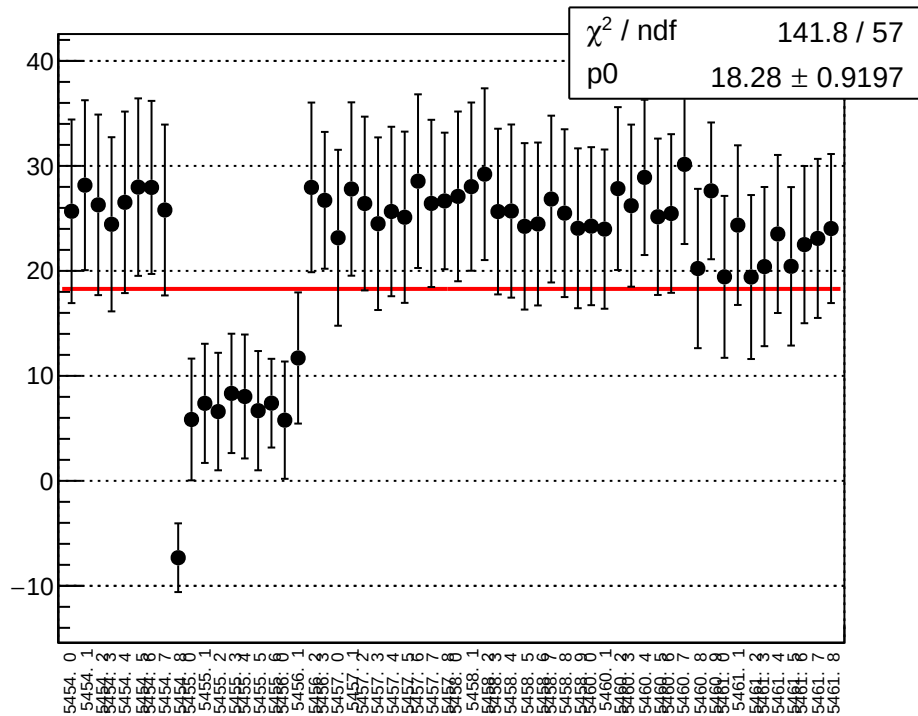
reg\_asym\_sam\_13\_57\_dd\_diff\_bpm4aY\_slope vs run



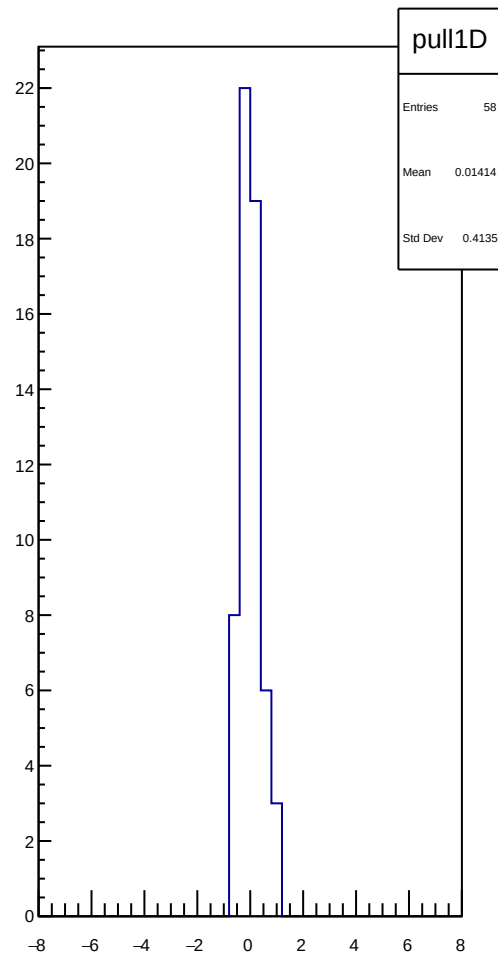
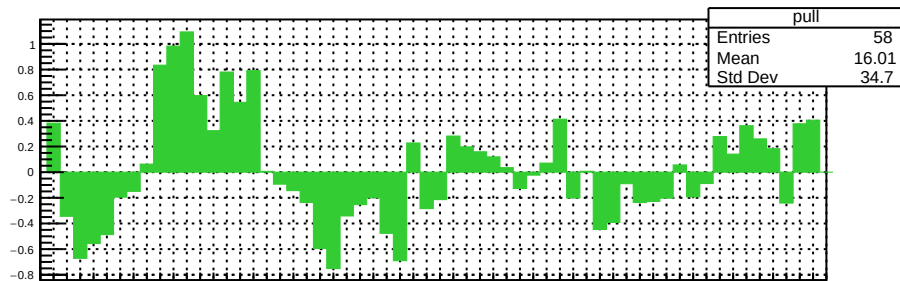
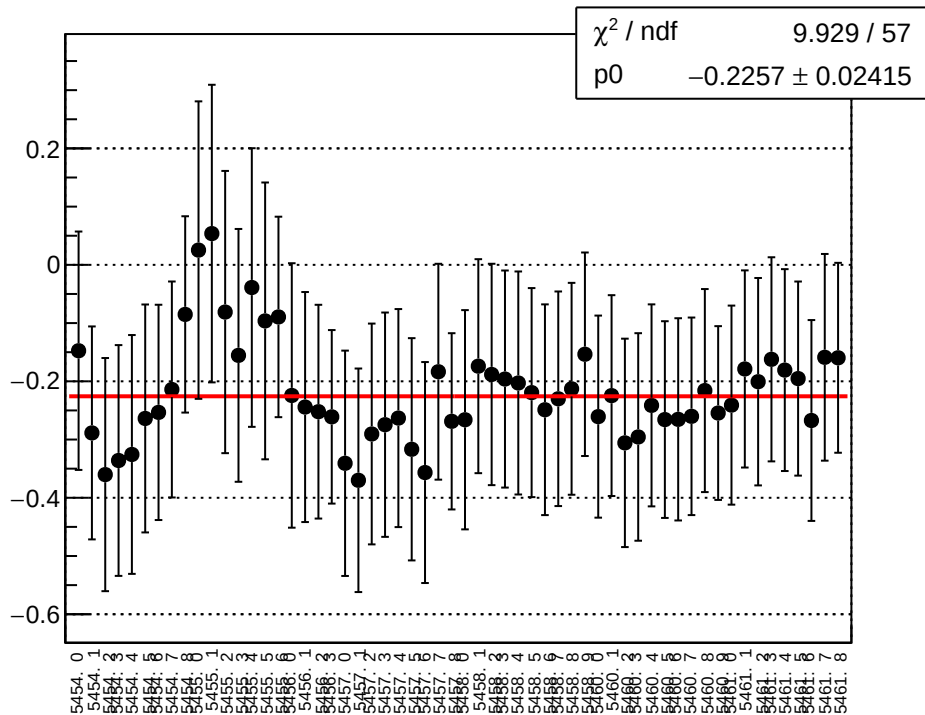
reg\_asym\_sam\_13\_57\_dd\_diff\_bpm4eX\_slope vs run



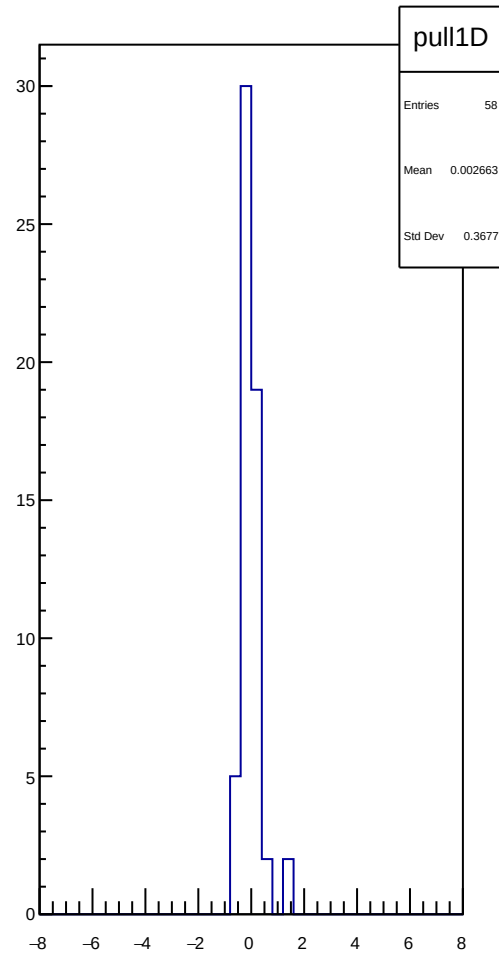
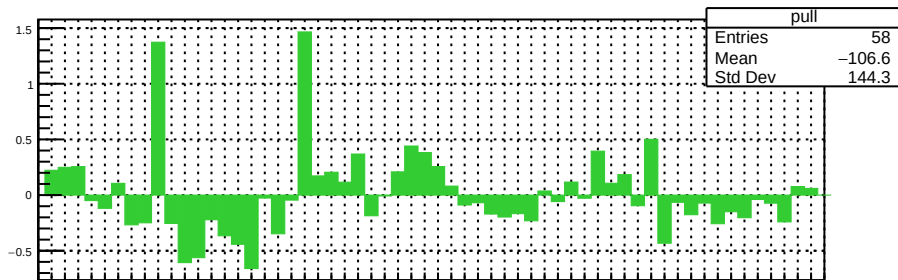
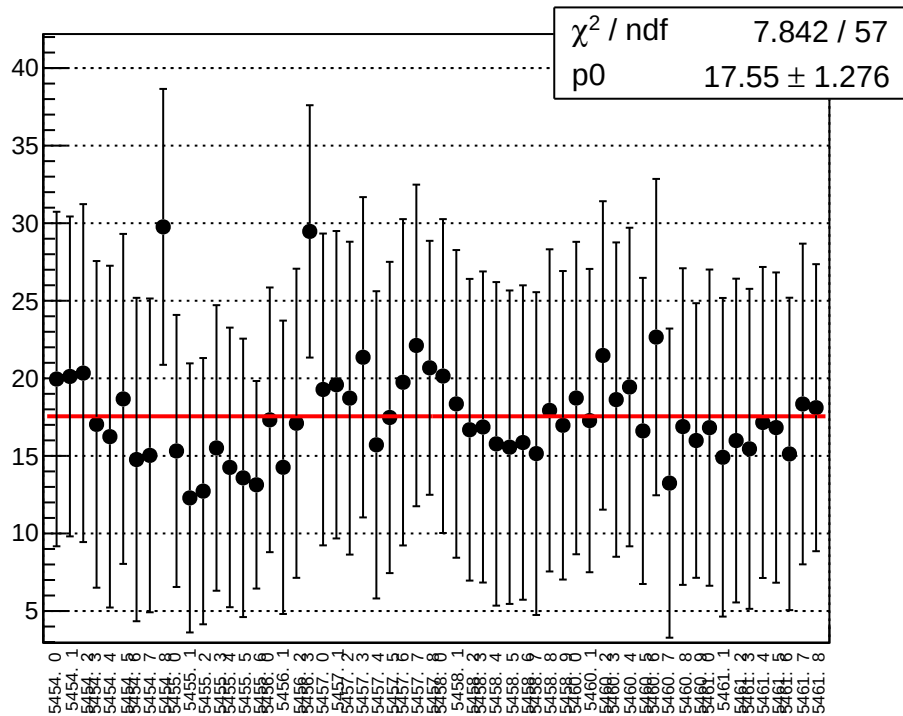
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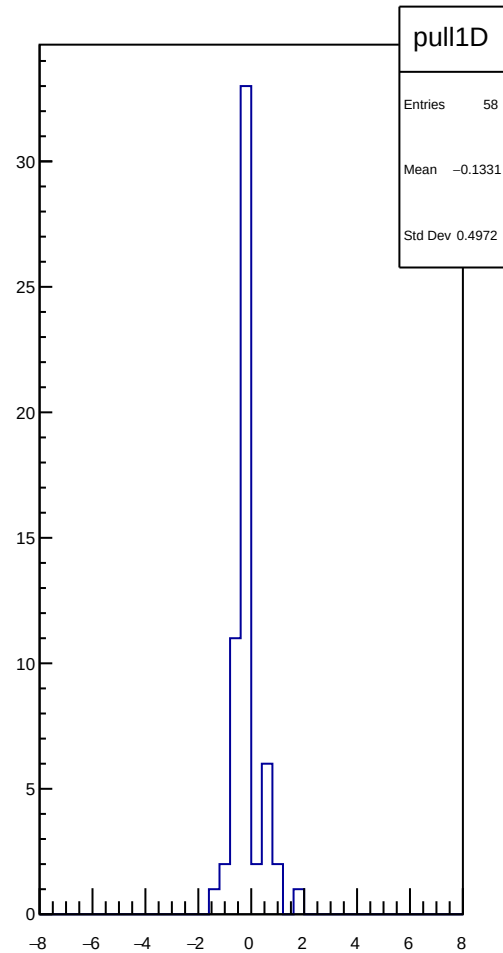
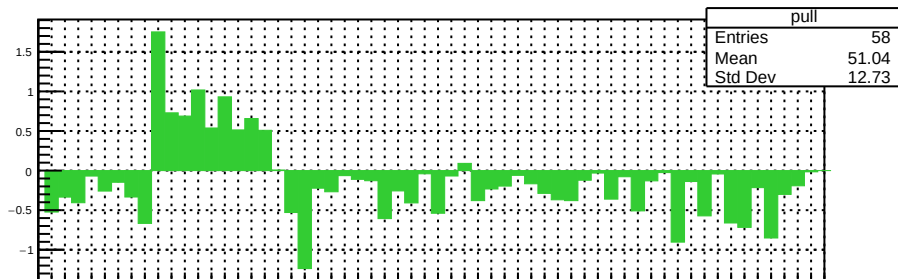
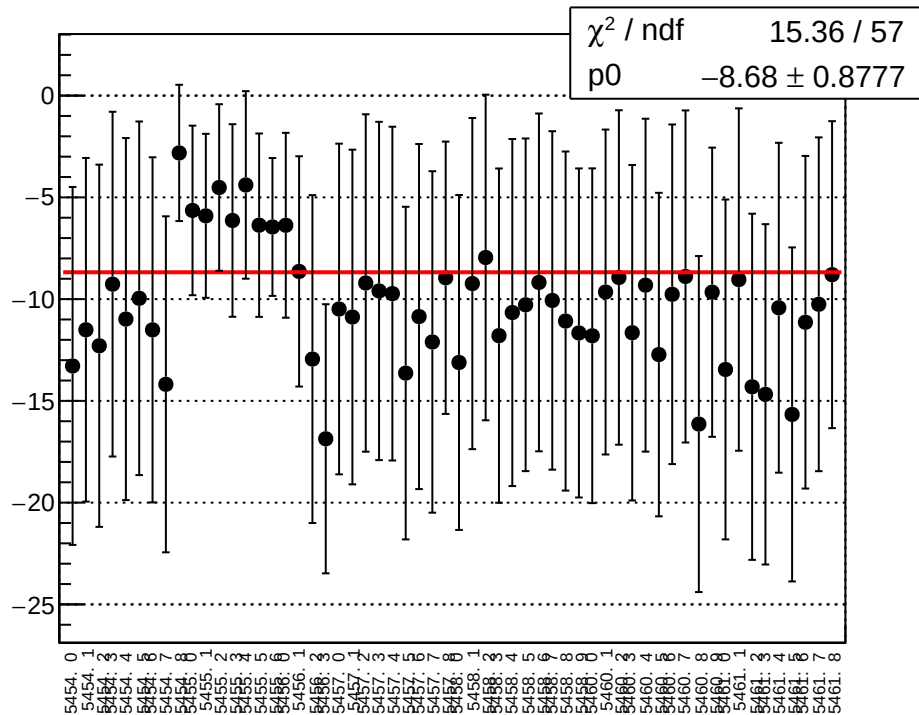
reg\_asym\_sam\_13\_57\_dd\_diff\_bpm12X\_slope vs run



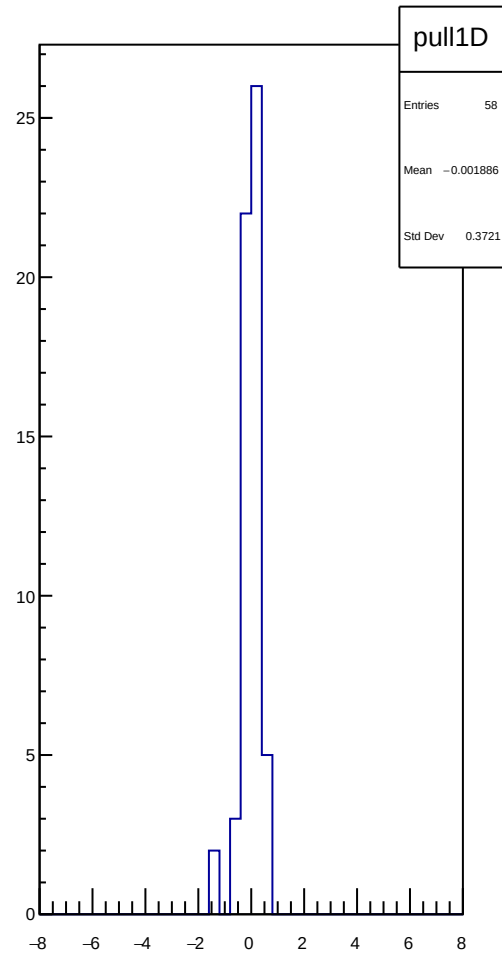
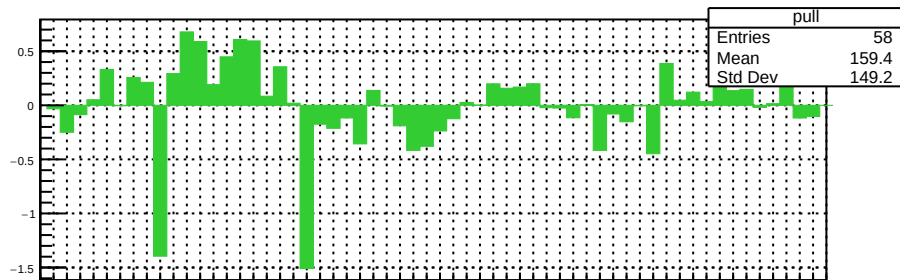
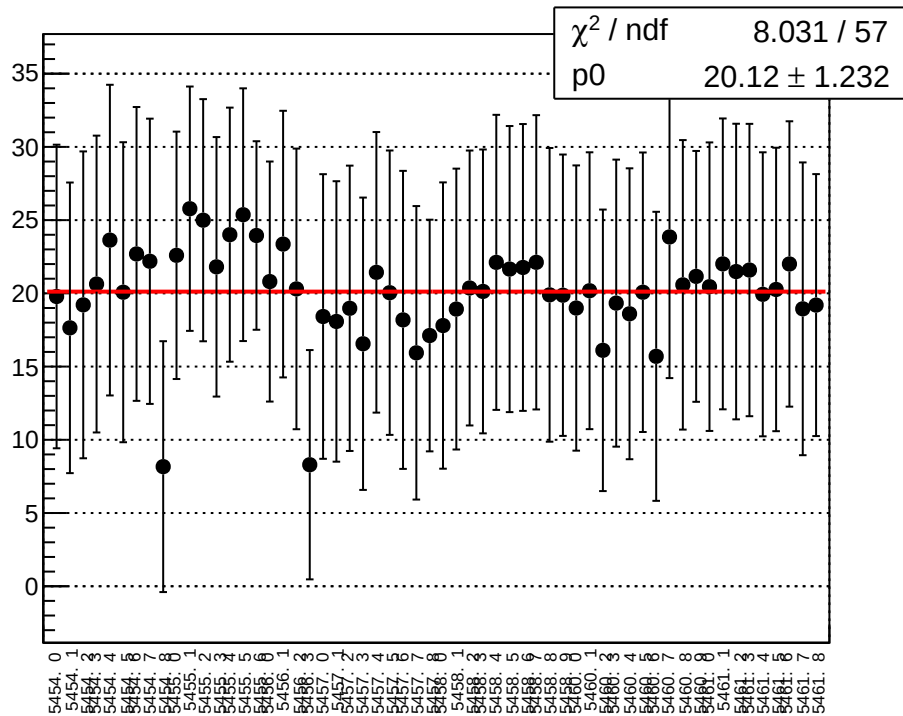
reg\_asym\_sam\_15\_37\_dd\_diff\_bpm4aX\_slope vs run



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

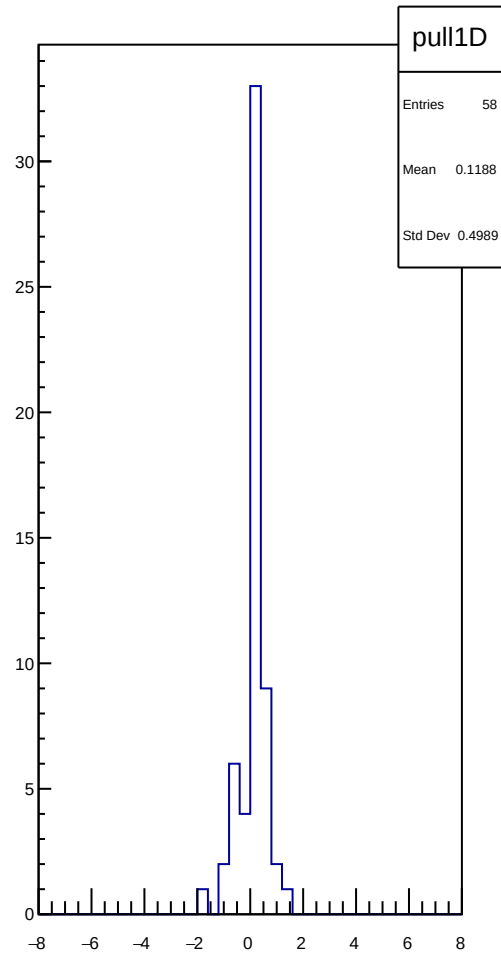
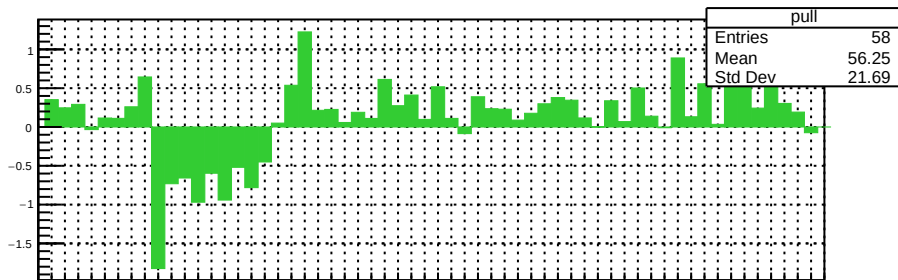
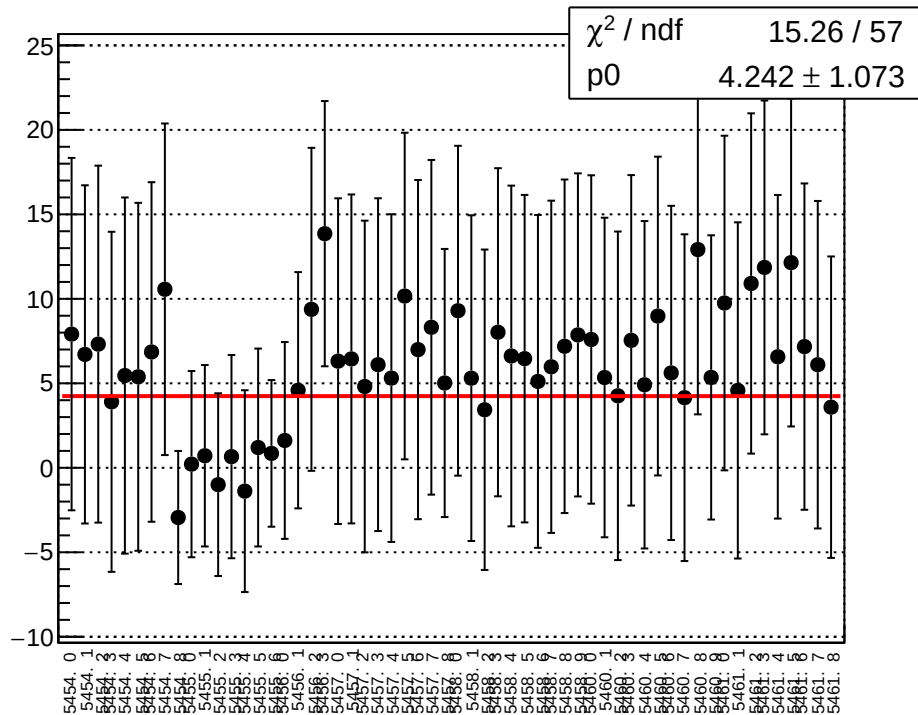


reg\_asym\_sam\_15\_37\_dd\_diff\_bpm4eX\_slope vs run

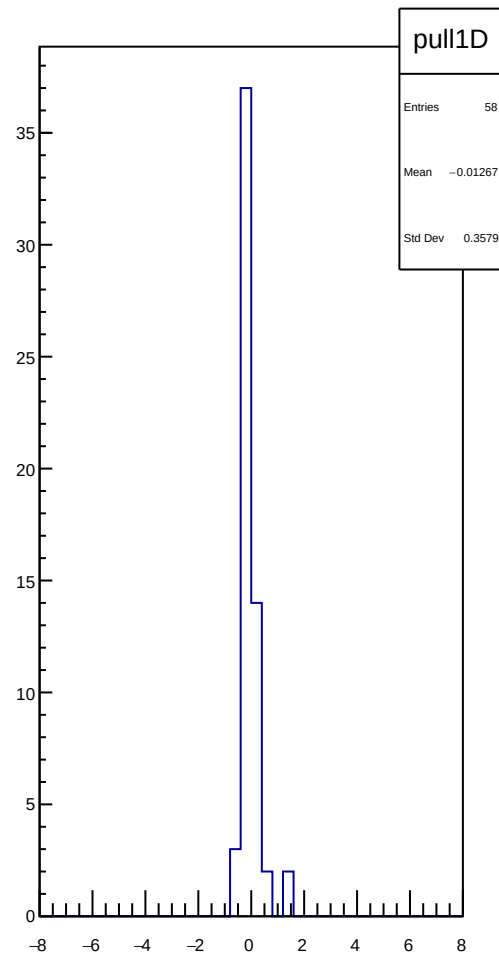
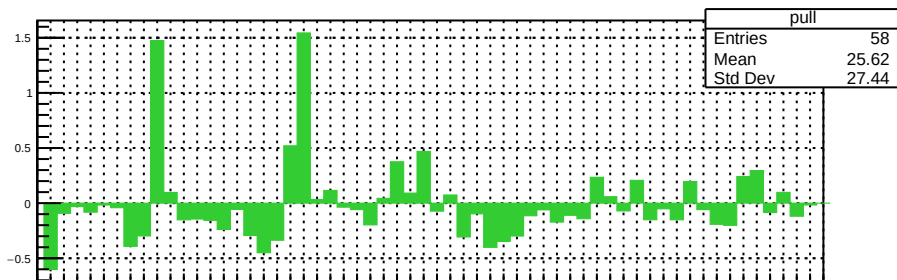
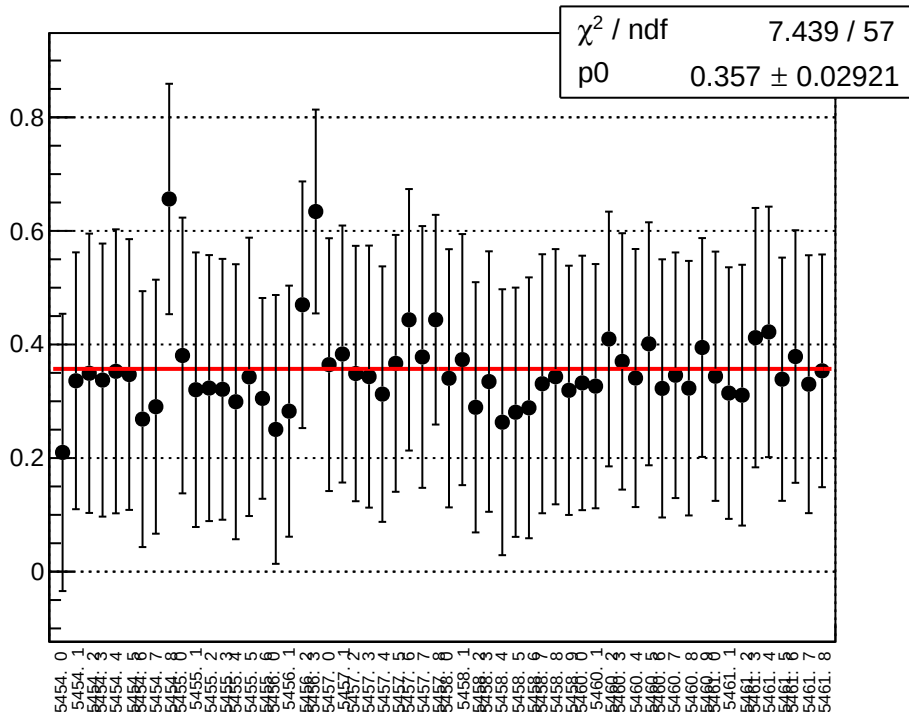




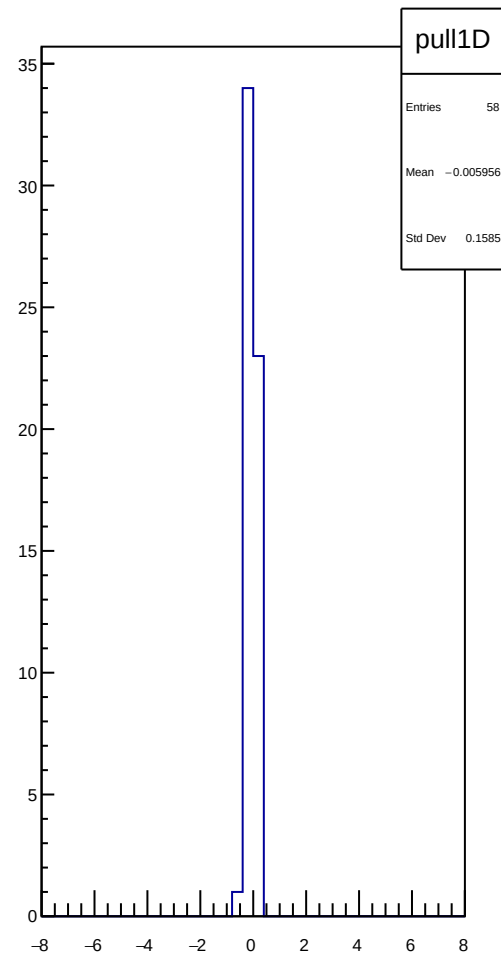
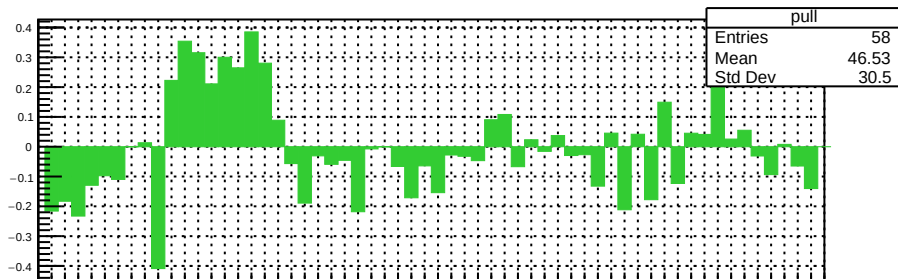
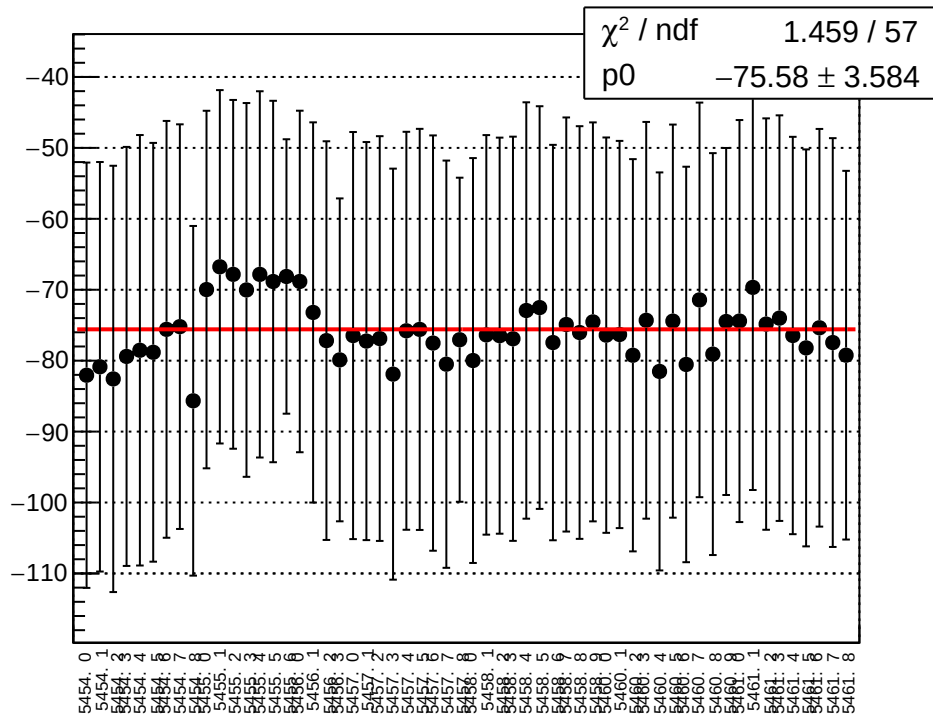
reg\_asym\_sam\_15\_37\_dd\_diff\_bpm4eY\_slope vs run



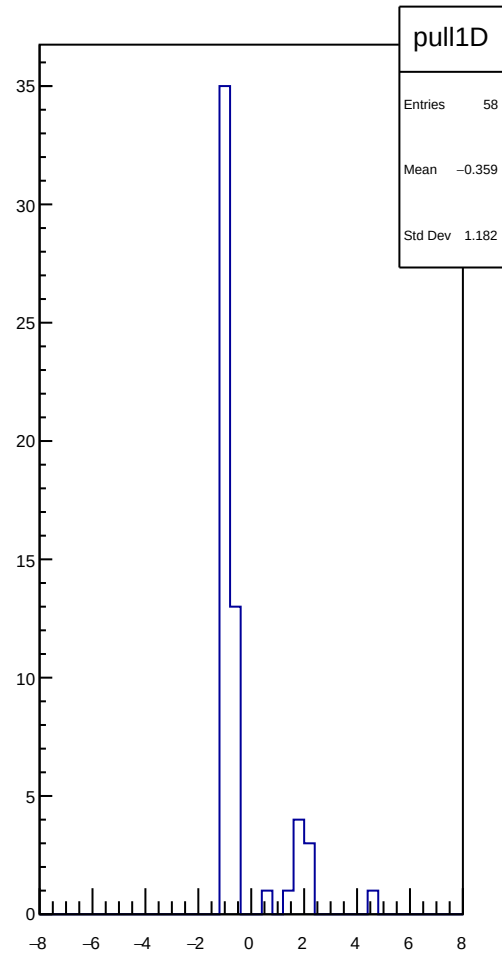
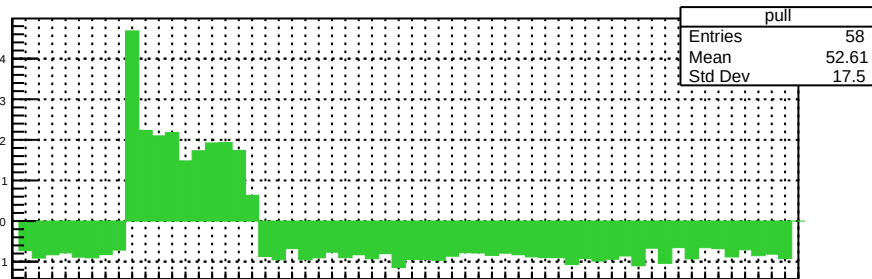
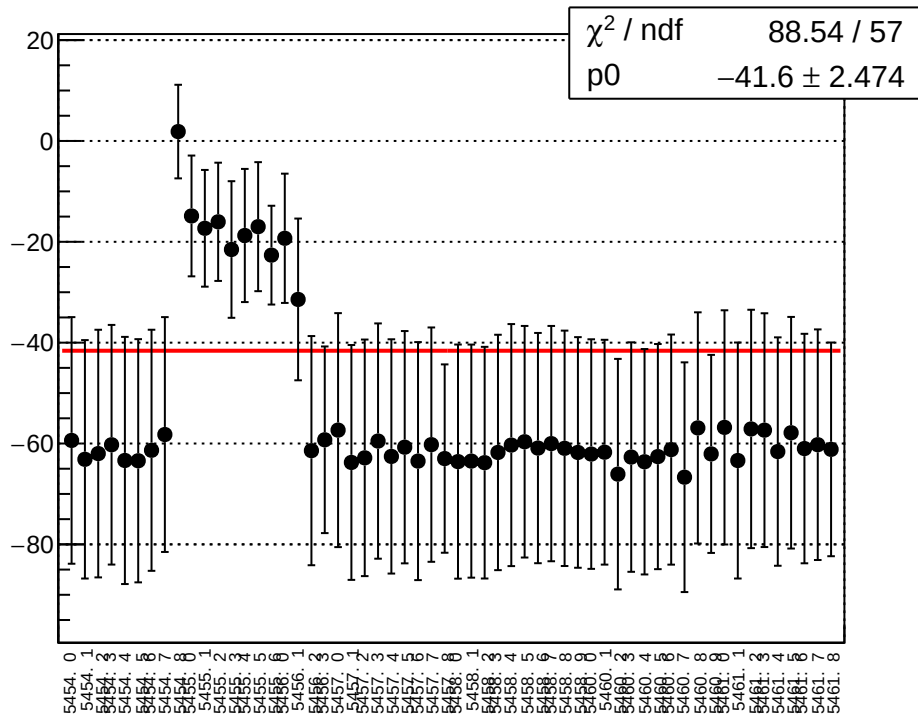
reg\_asym\_sam\_15\_37\_dd\_diff\_bpm12X\_slope vs run



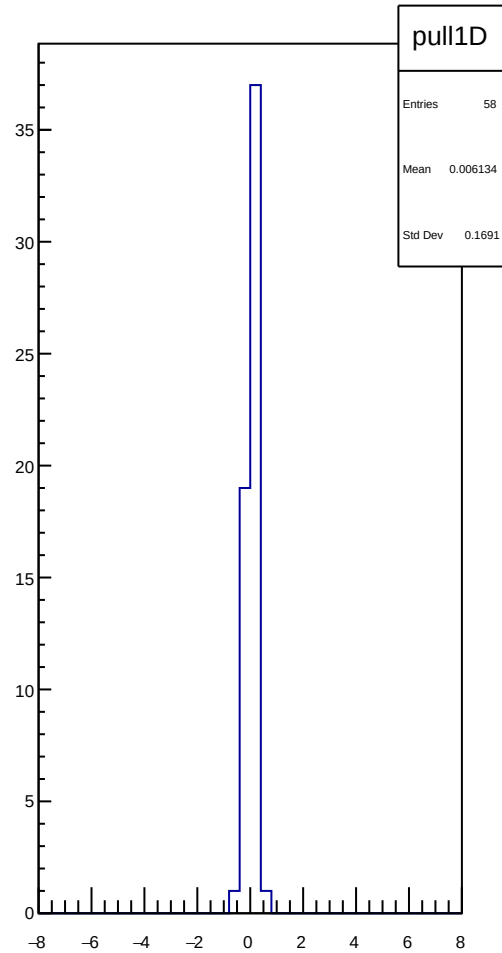
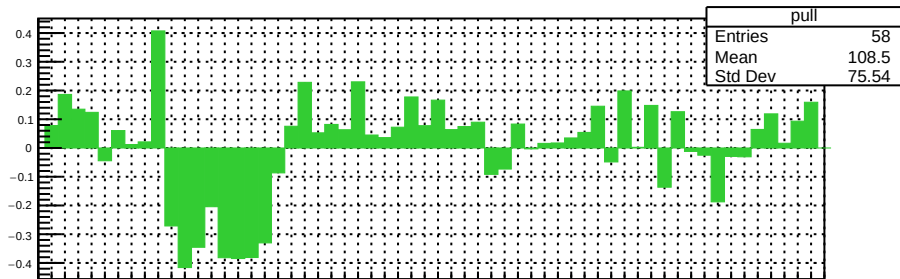
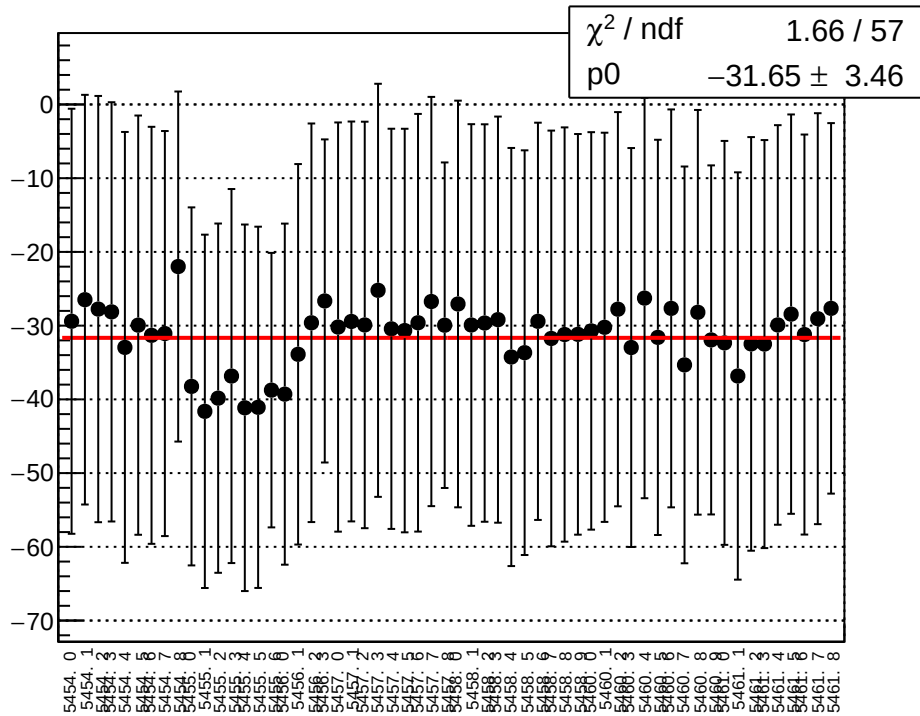
reg\_asym\_sam\_24\_68\_dd\_diff\_bpm4aX\_slope vs run



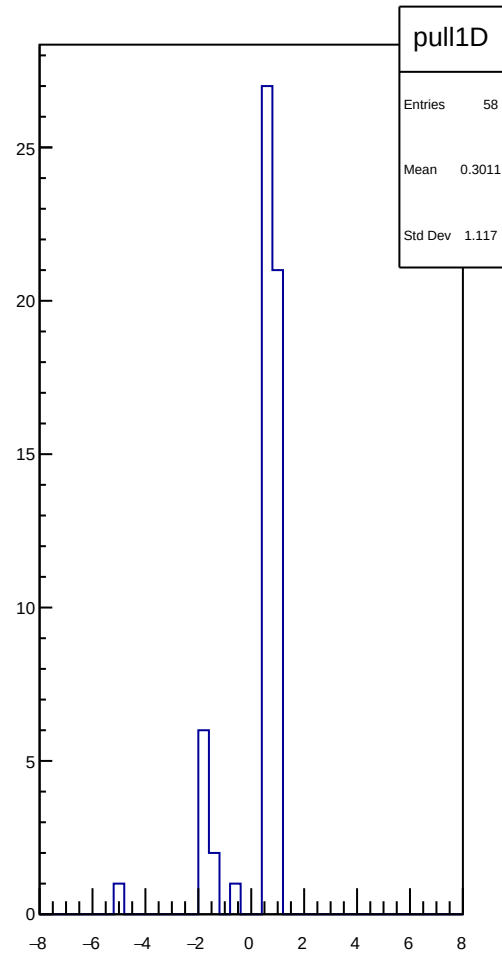
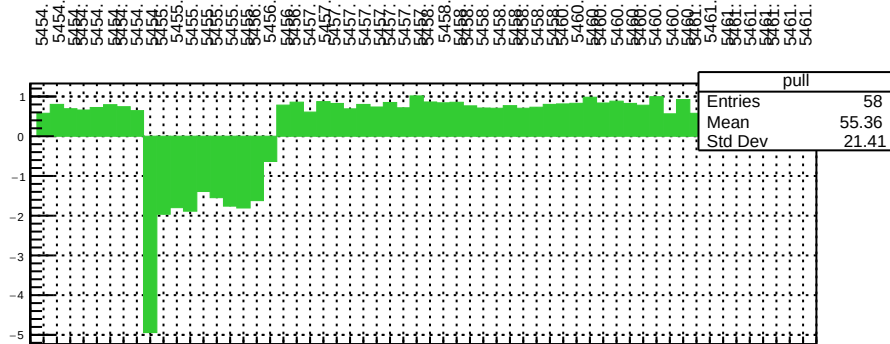
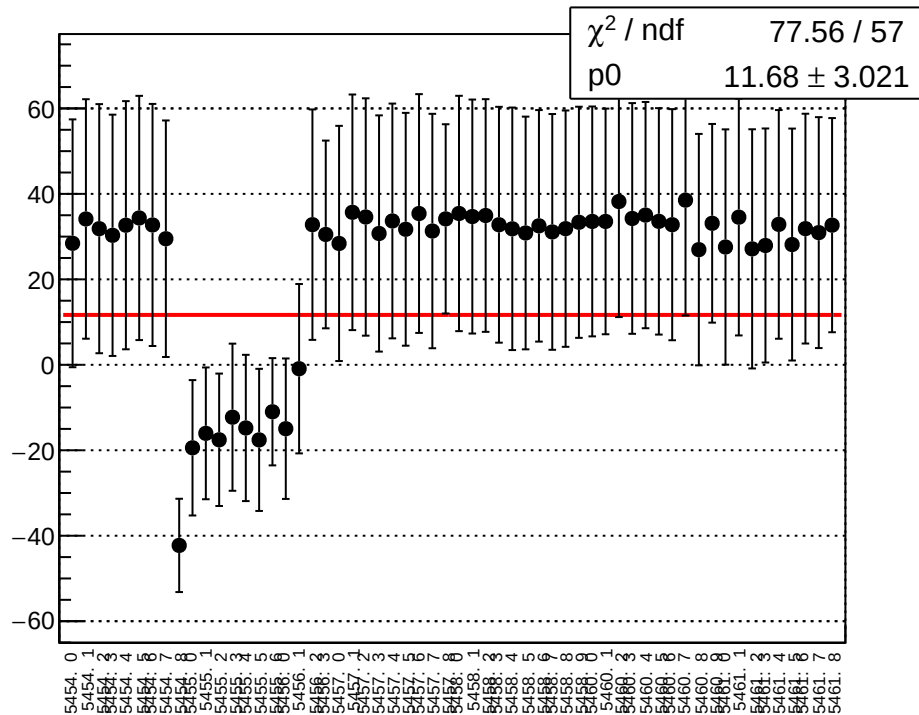
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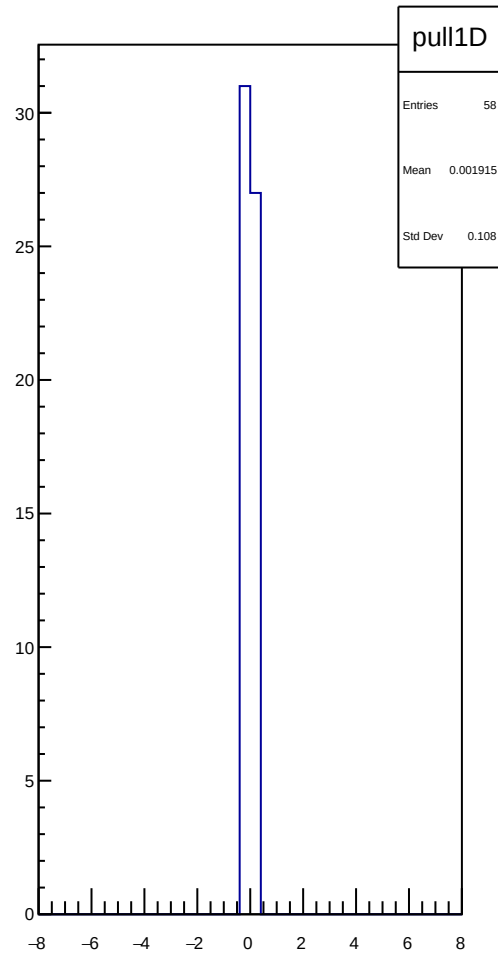
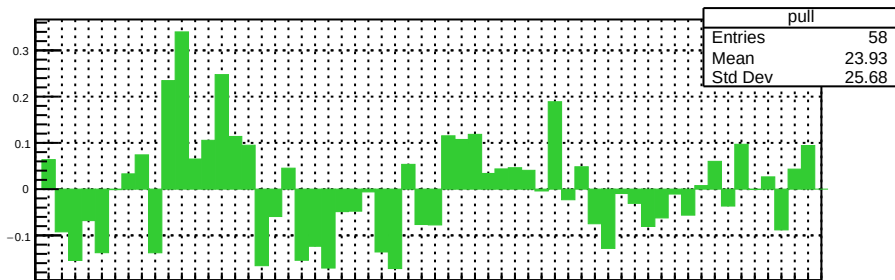
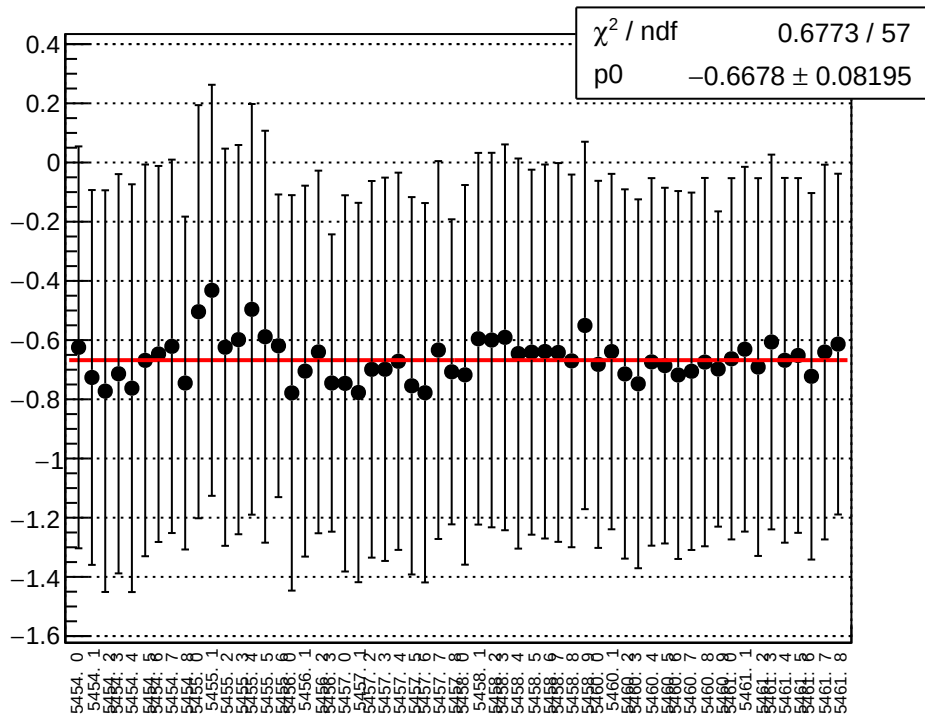
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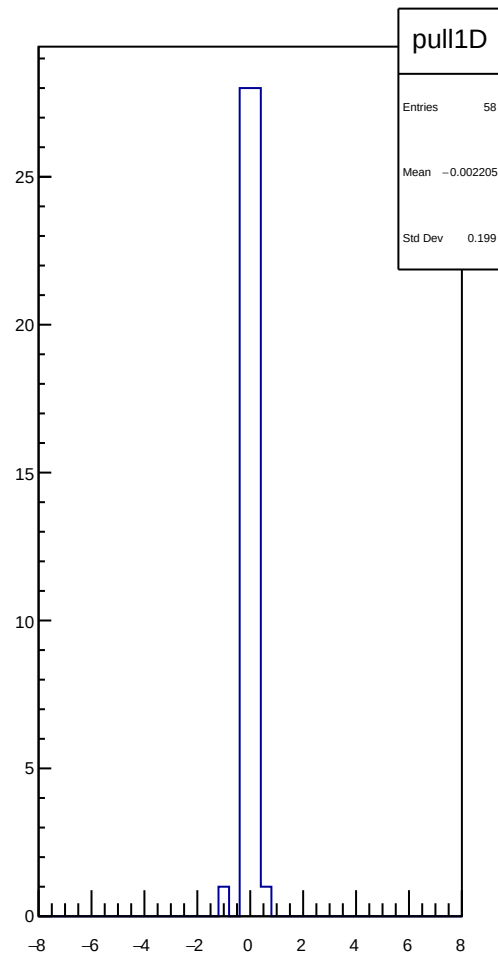
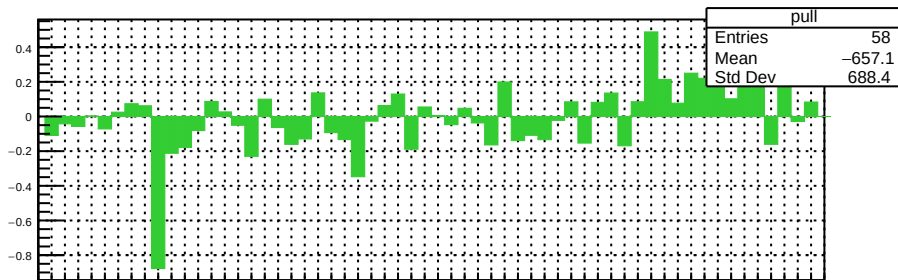
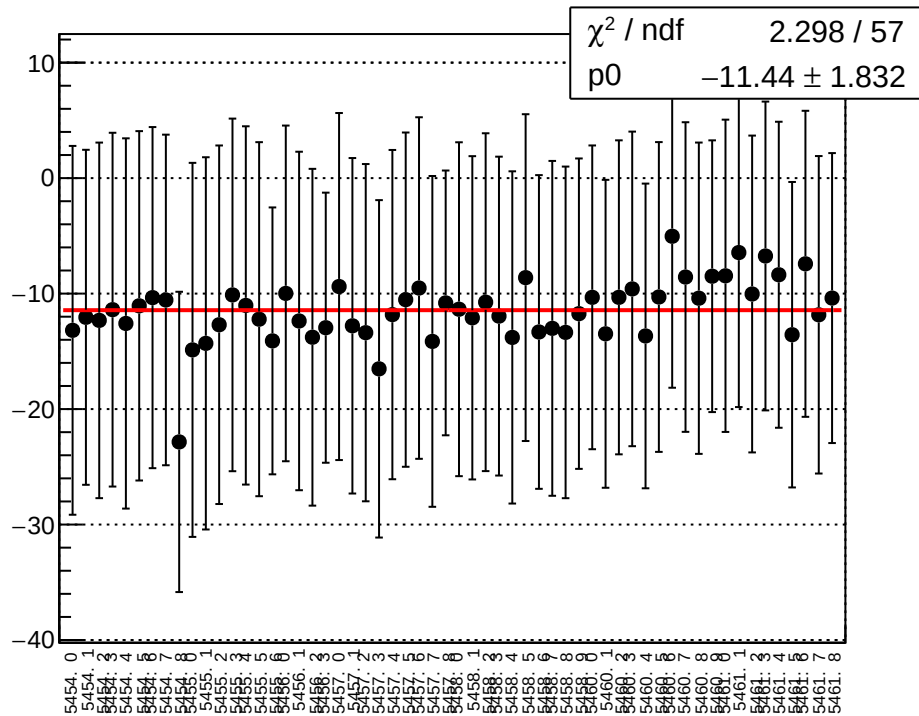
reg\_asym\_sam\_24\_68\_dd\_diff\_bpm4eY\_slope vs run



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

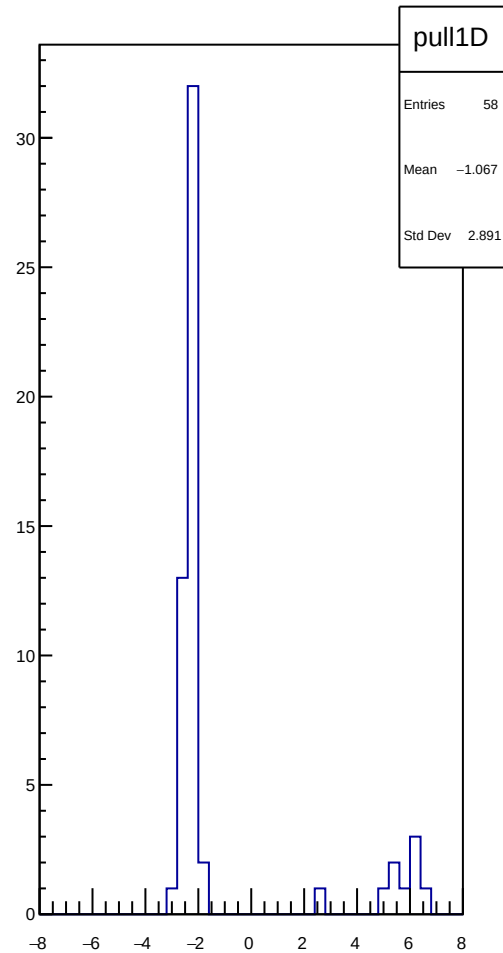
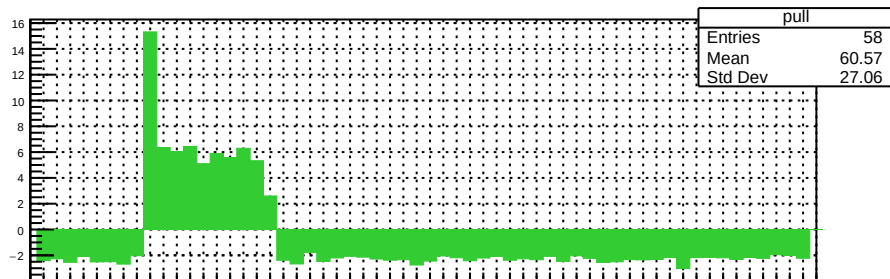
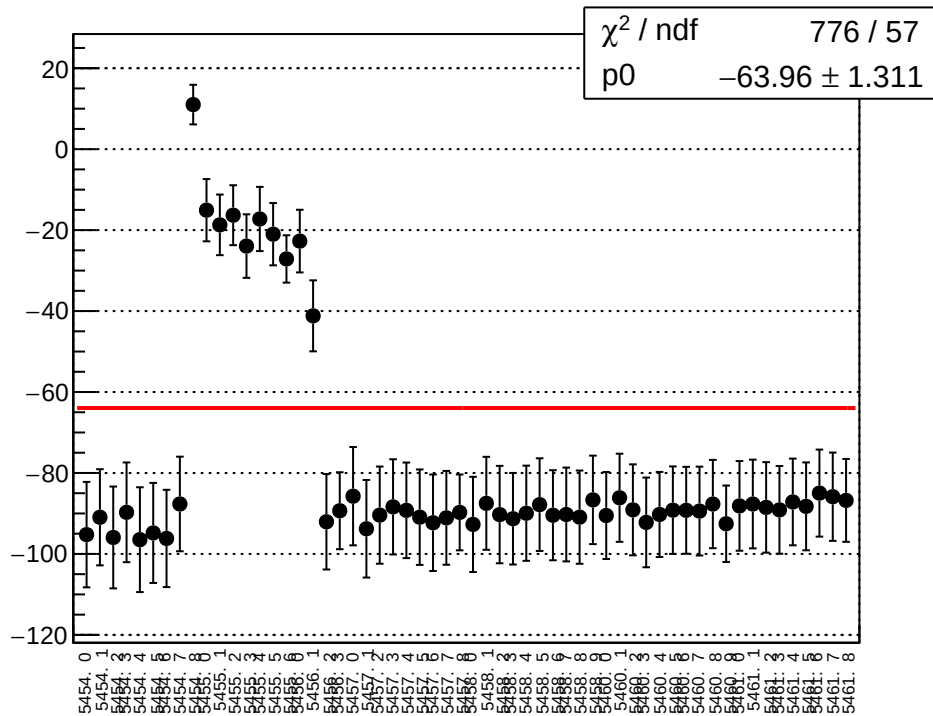


reg\_asym\_sam\_26\_48\_dd\_diff\_bpm4aX\_slope vs run

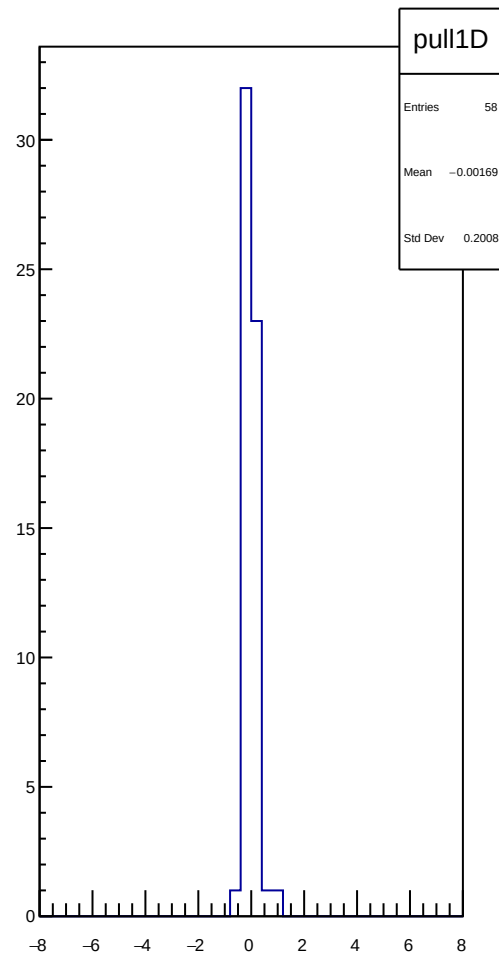
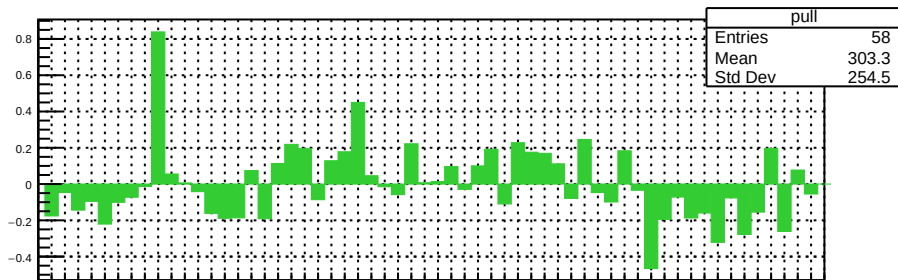
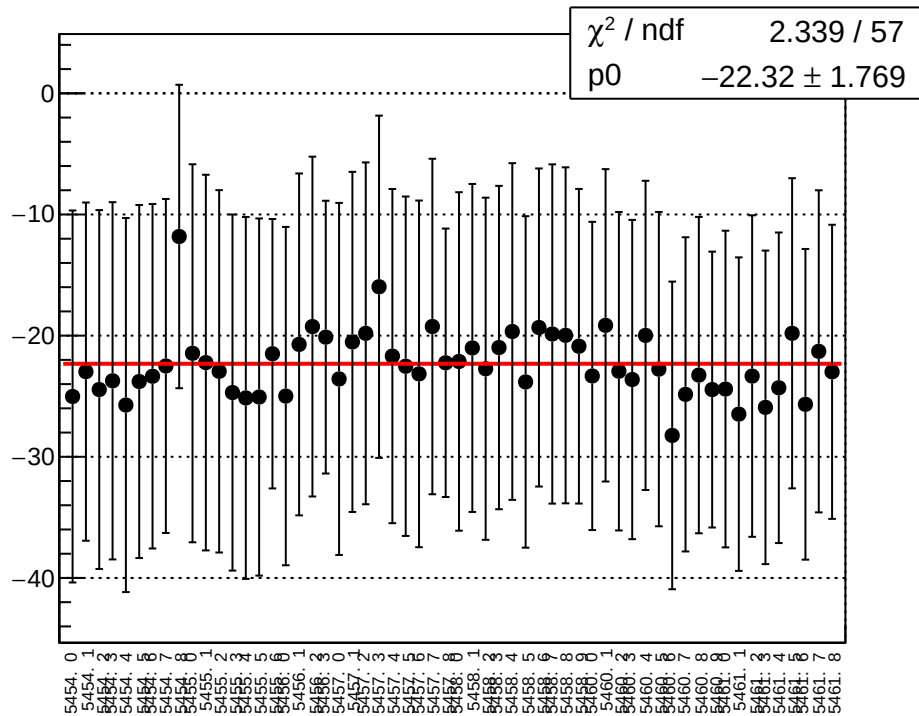




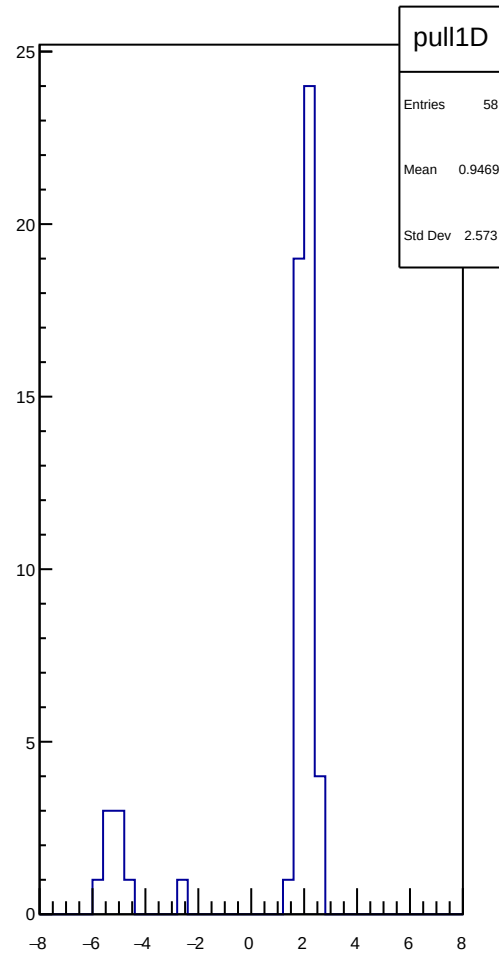
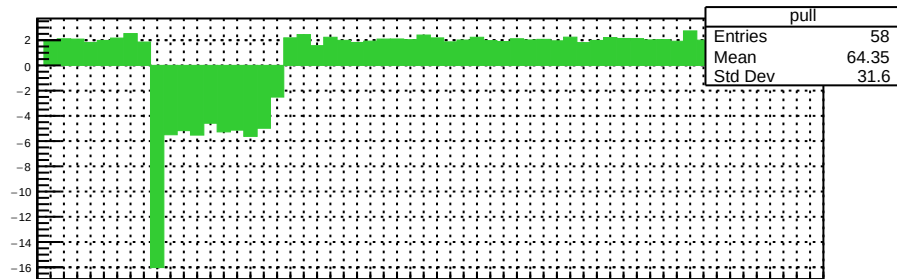
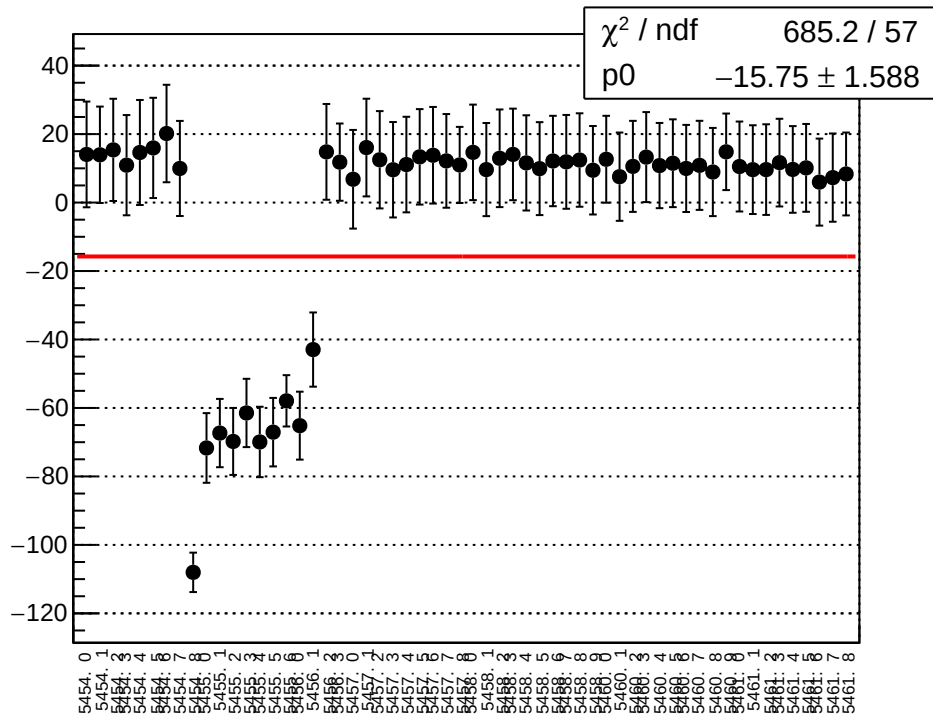
reg\_asym\_sam\_26\_48\_dd\_diff\_bpm4aY\_slope vs run



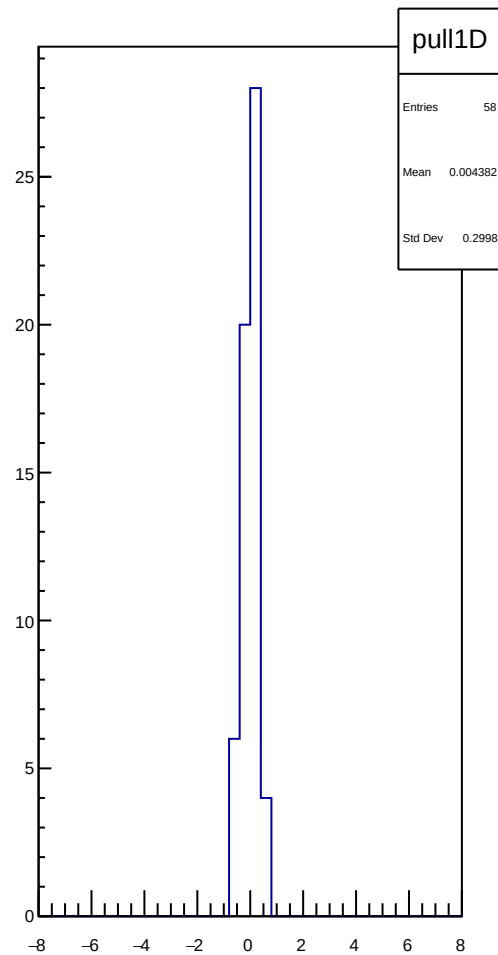
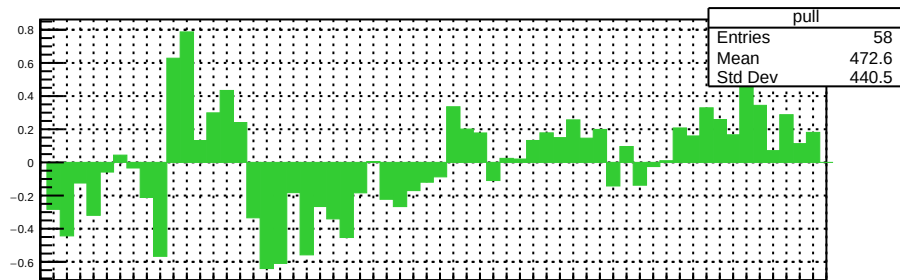
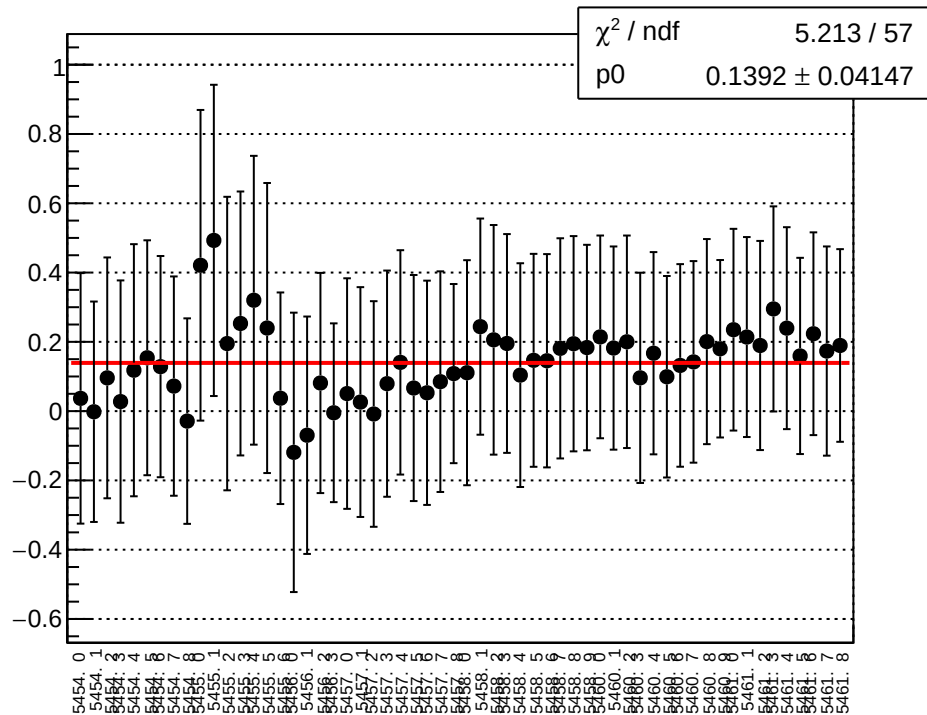
reg\_asym\_sam\_26\_48\_dd\_diff\_bpm4eX\_slope vs run



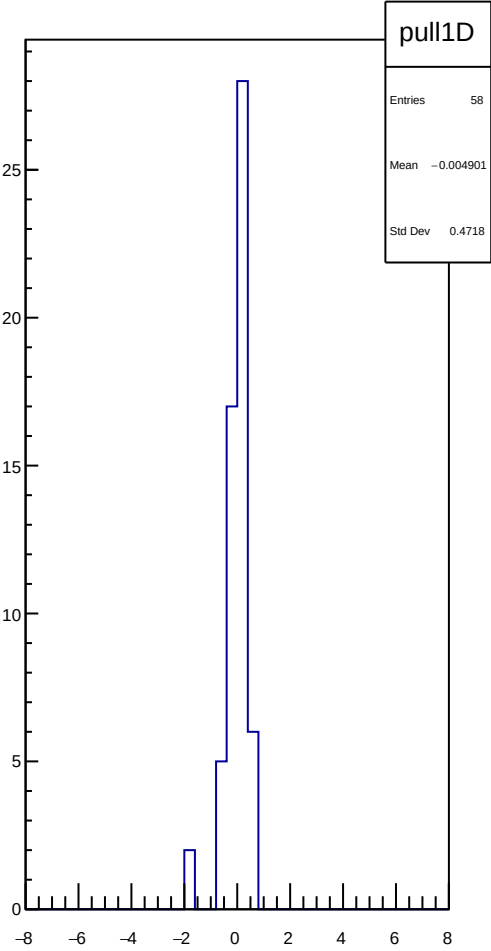
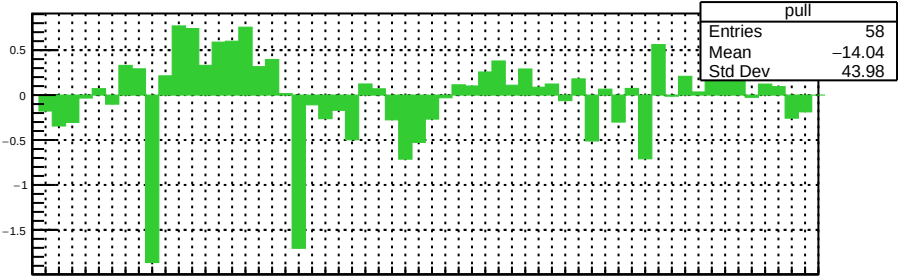
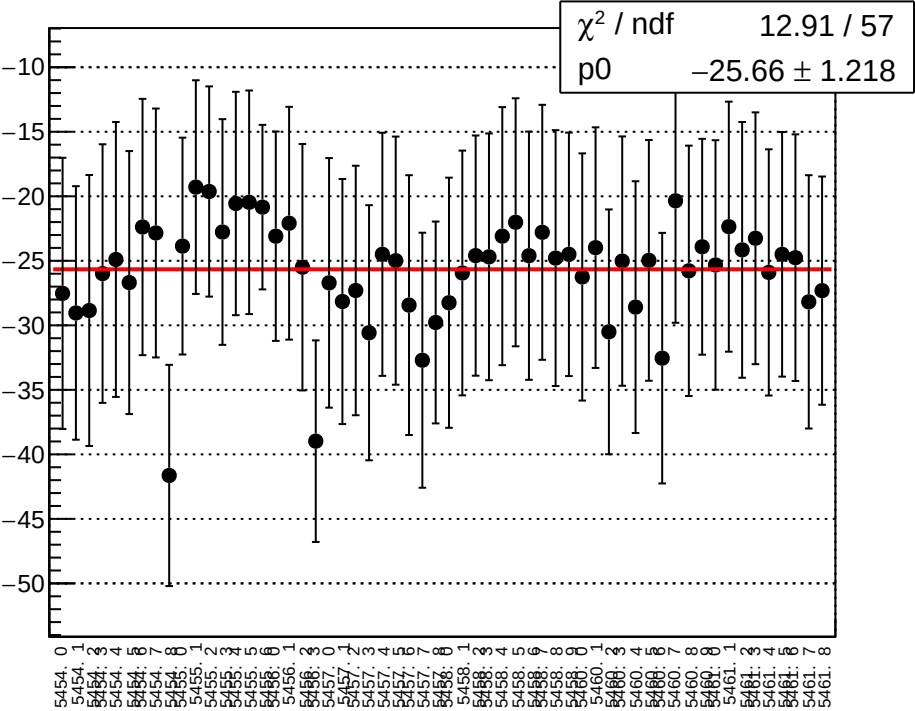
reg\_asym\_sam\_26\_48\_dd\_diff\_bpm4eY\_slope vs run



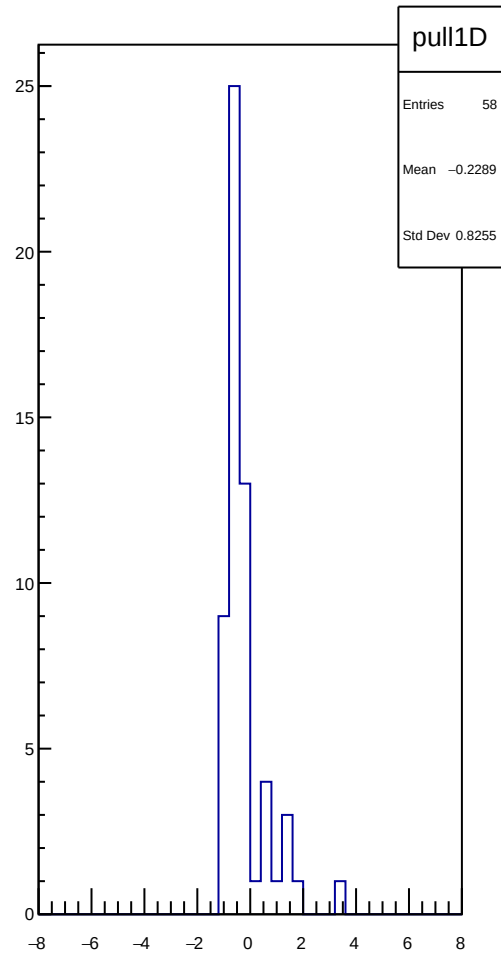
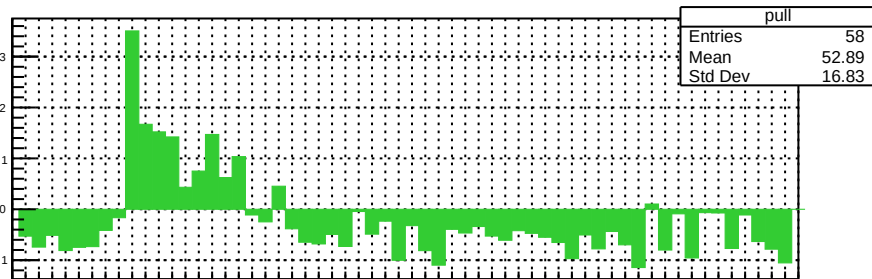
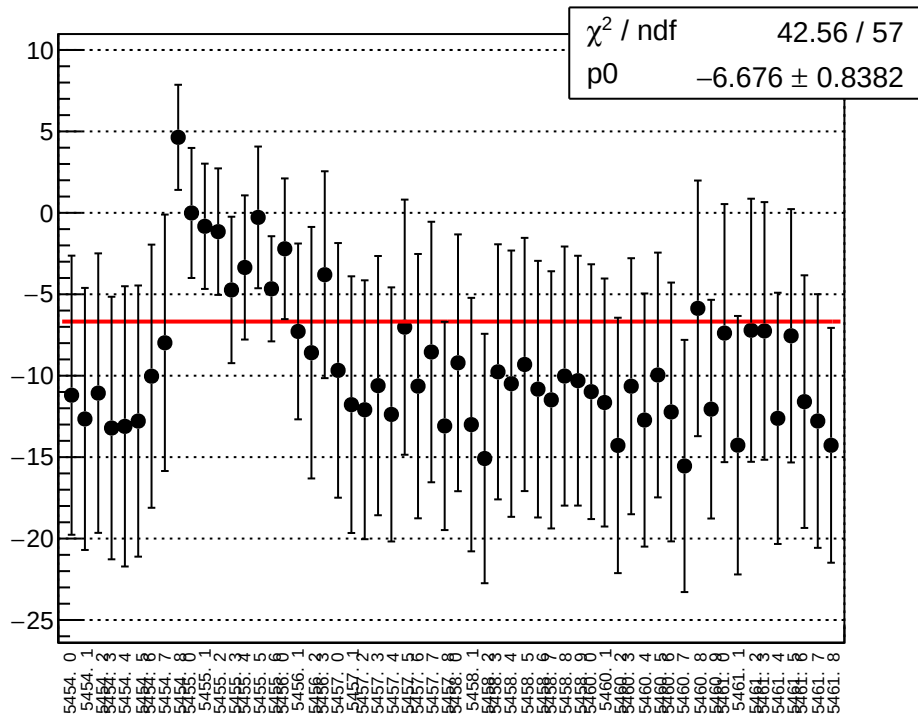
reg\_asym\_sam\_26\_48\_dd\_diff\_bpm12X\_slope vs run



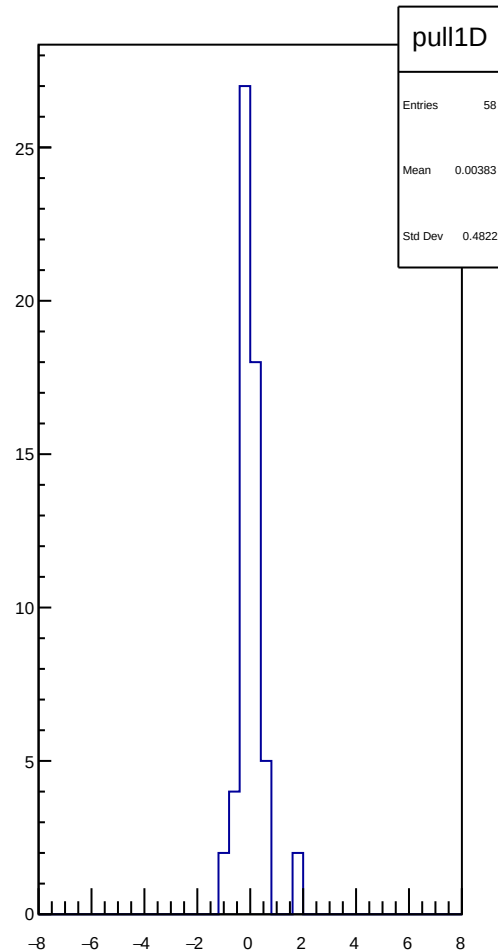
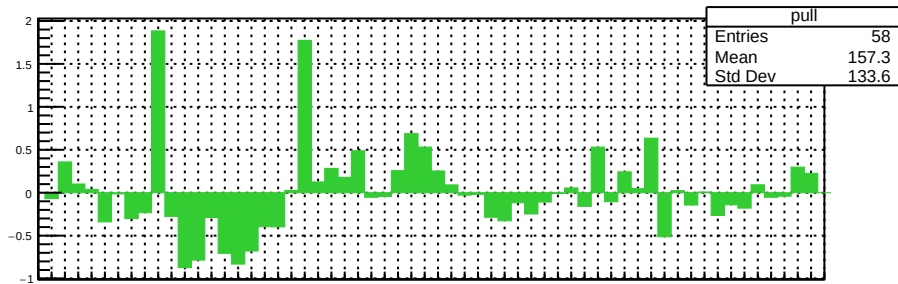
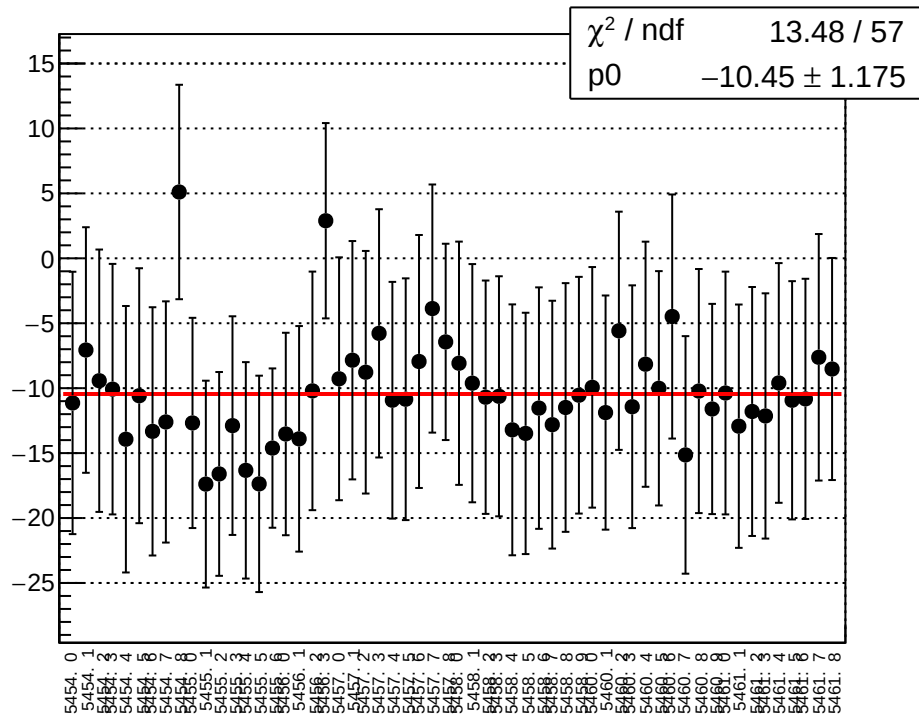
reg\_asym\_sam\_1357\_avg\_diff\_bpm4aX\_slope vs run



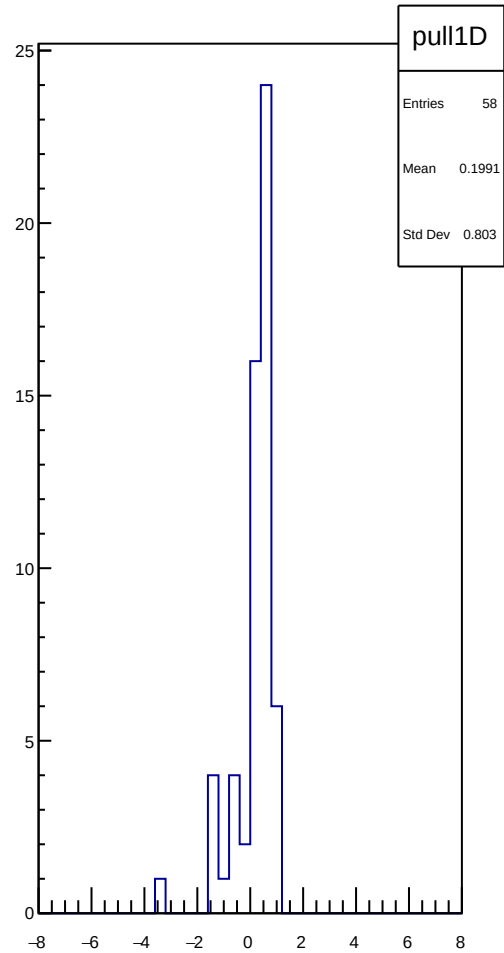
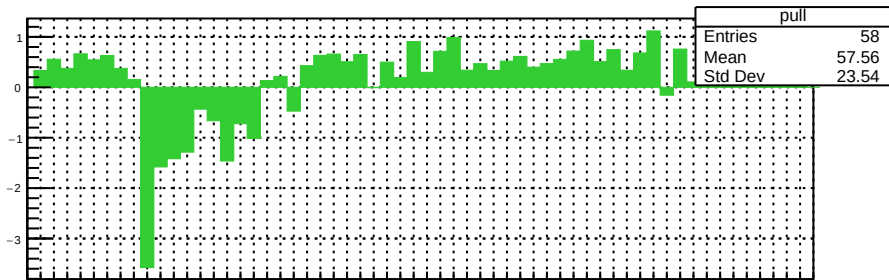
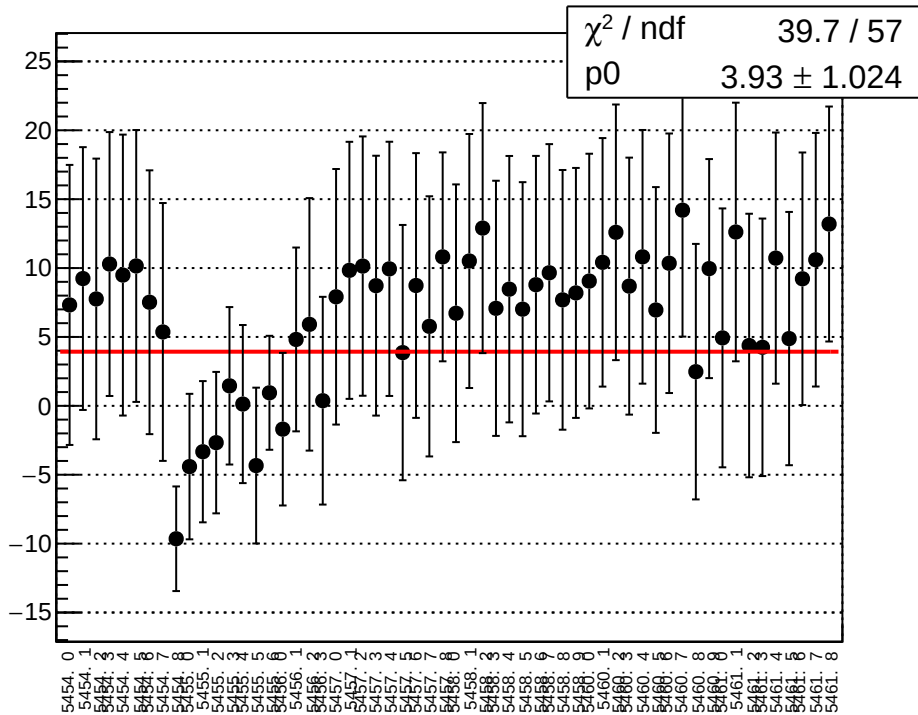
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reg\_asym\_sam\_1357\_avg\_diff\_bpm4eX\_slope vs run

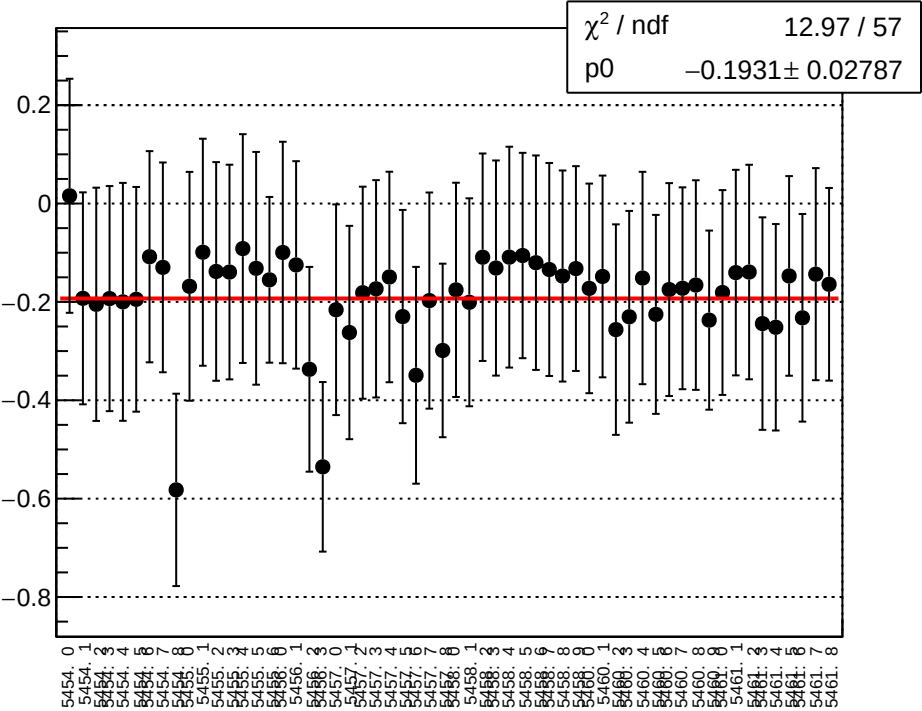


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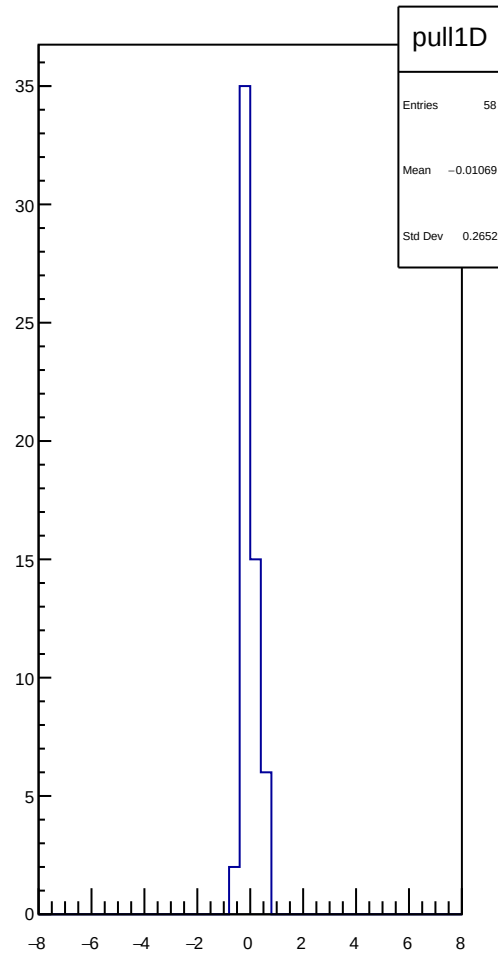
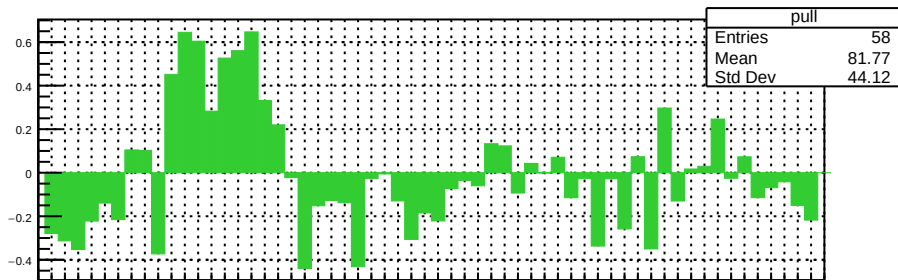
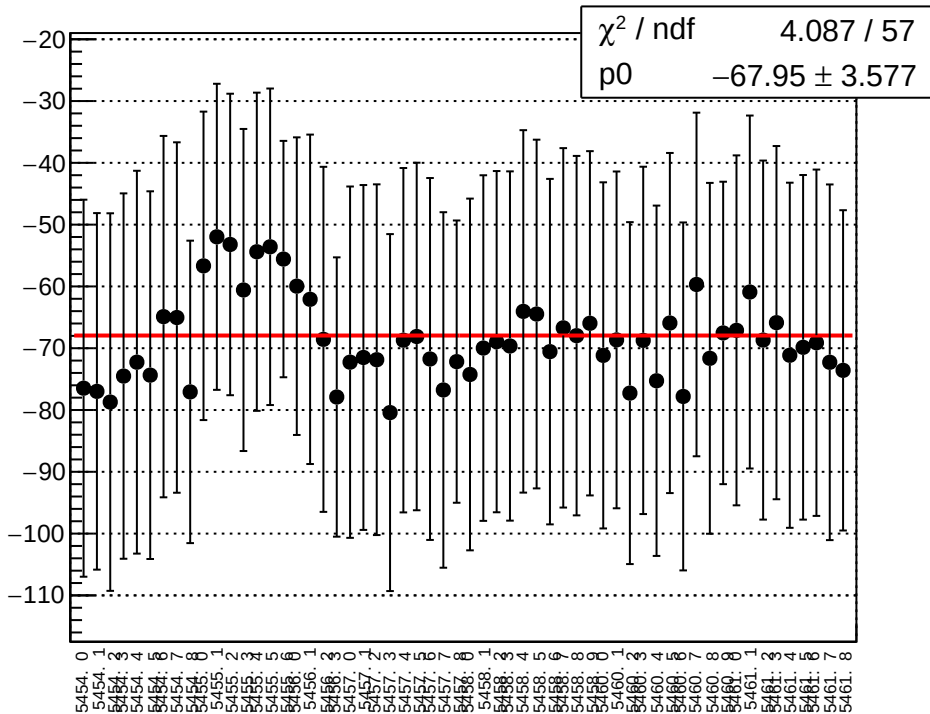




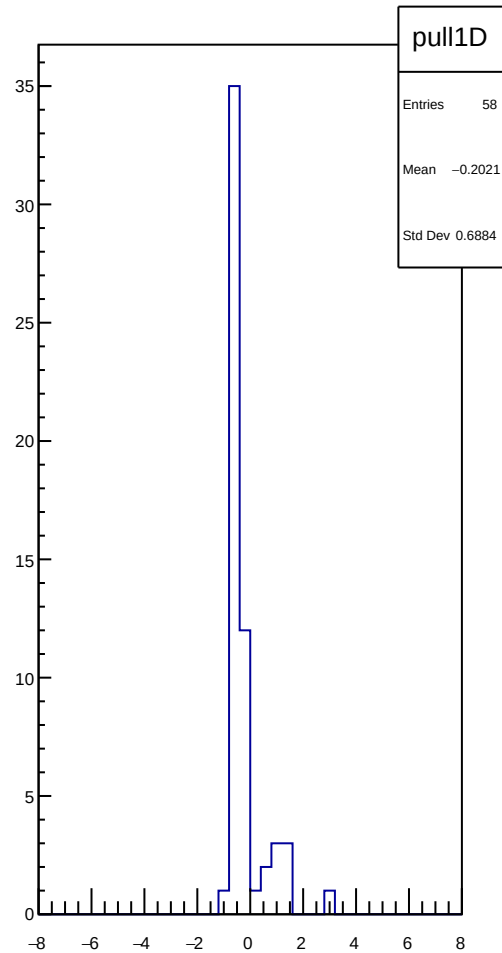
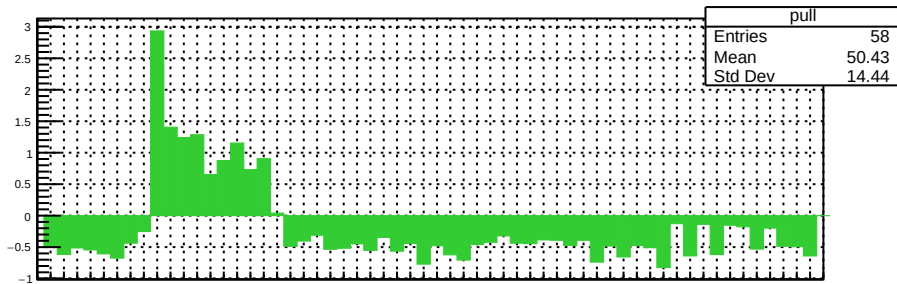
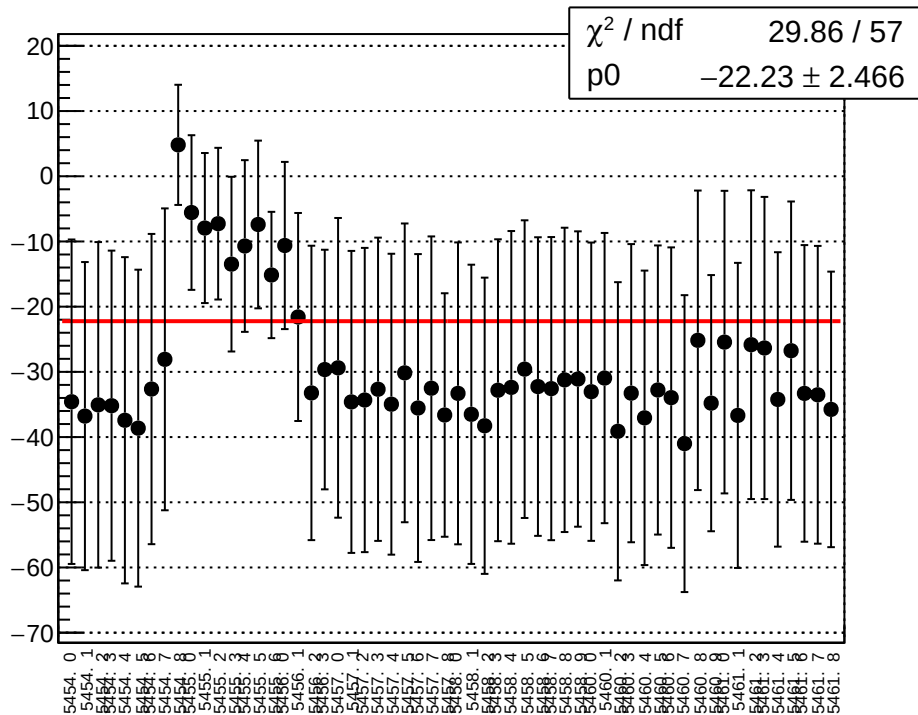
reg\_asym\_sam\_1357\_avg\_diff\_bpm12X\_slope vs run



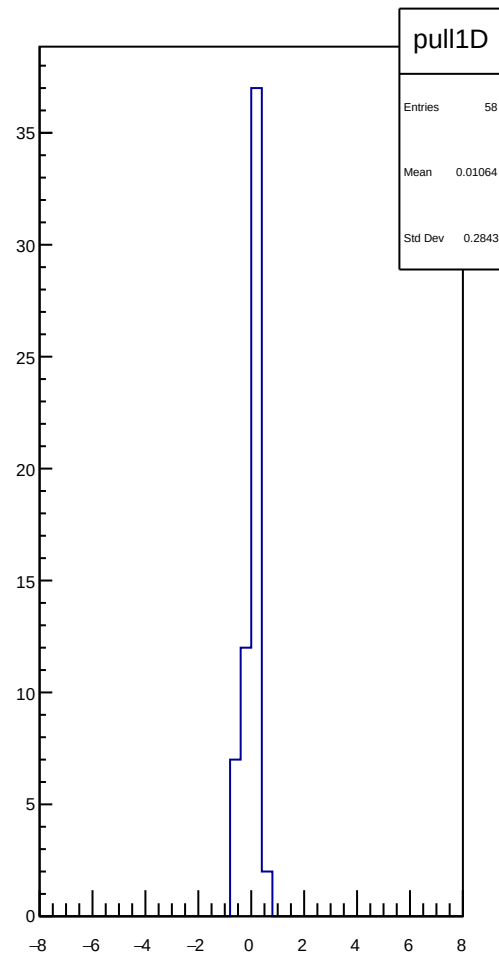
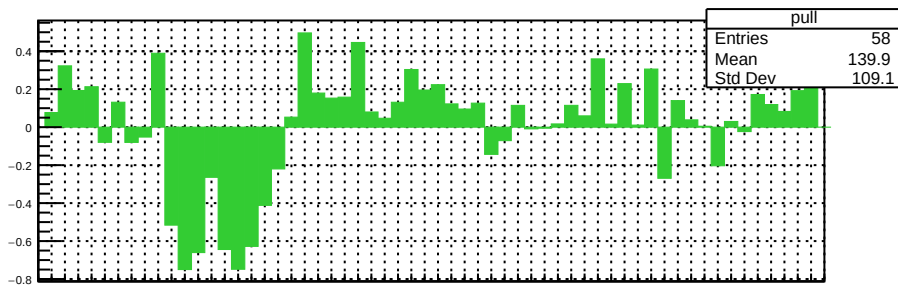
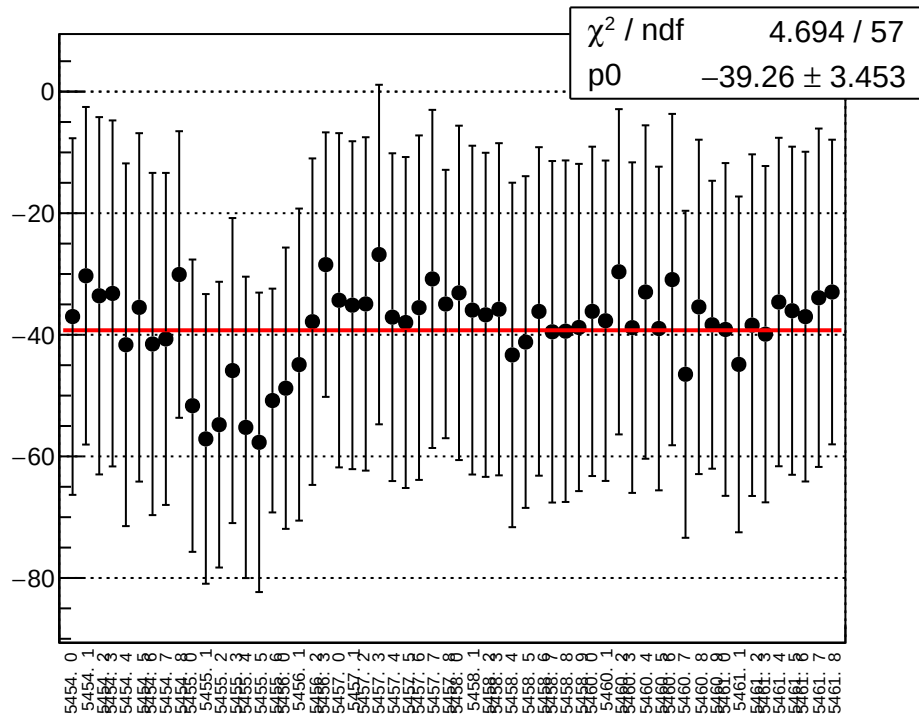
reg\_asym\_sam\_2468\_avg\_diff\_bpm4aX\_slope vs run



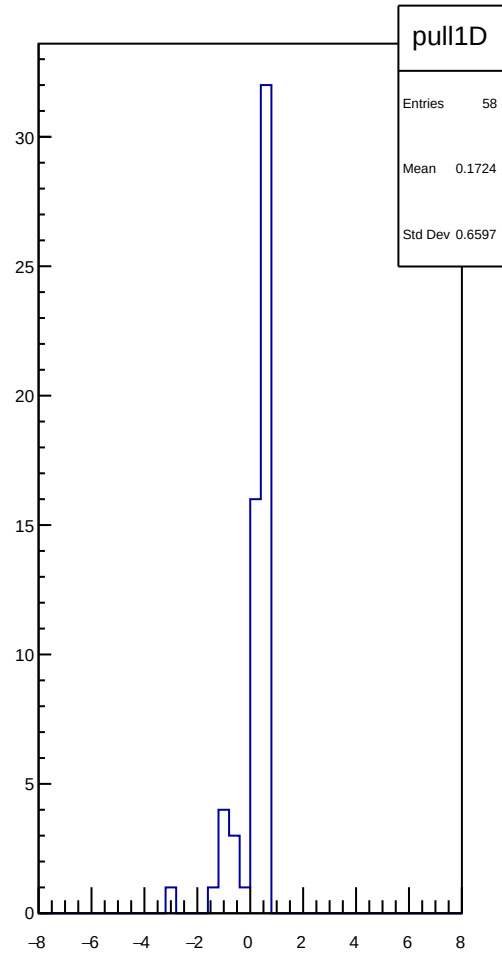
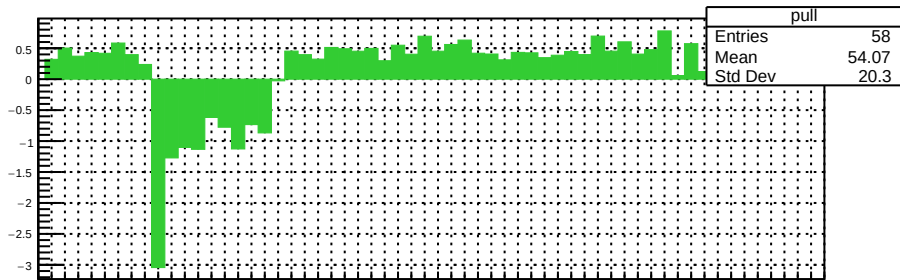
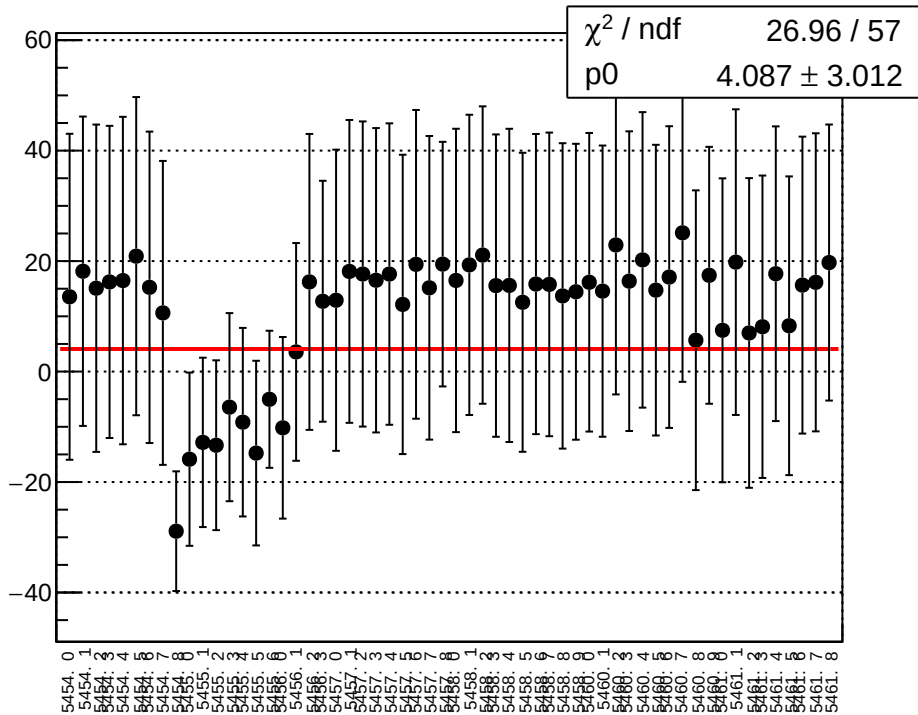
reg\_asym\_sam\_2468\_avg\_diff\_bpm4aY\_slope vs run



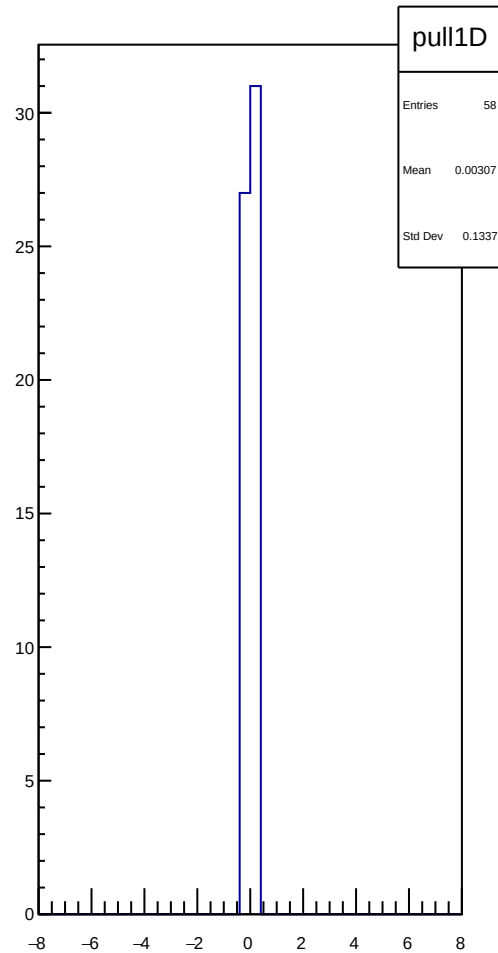
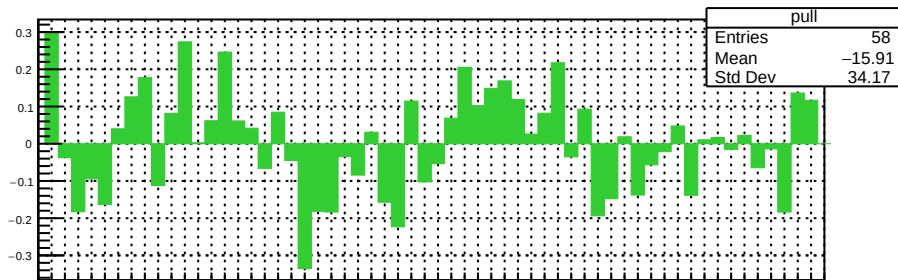
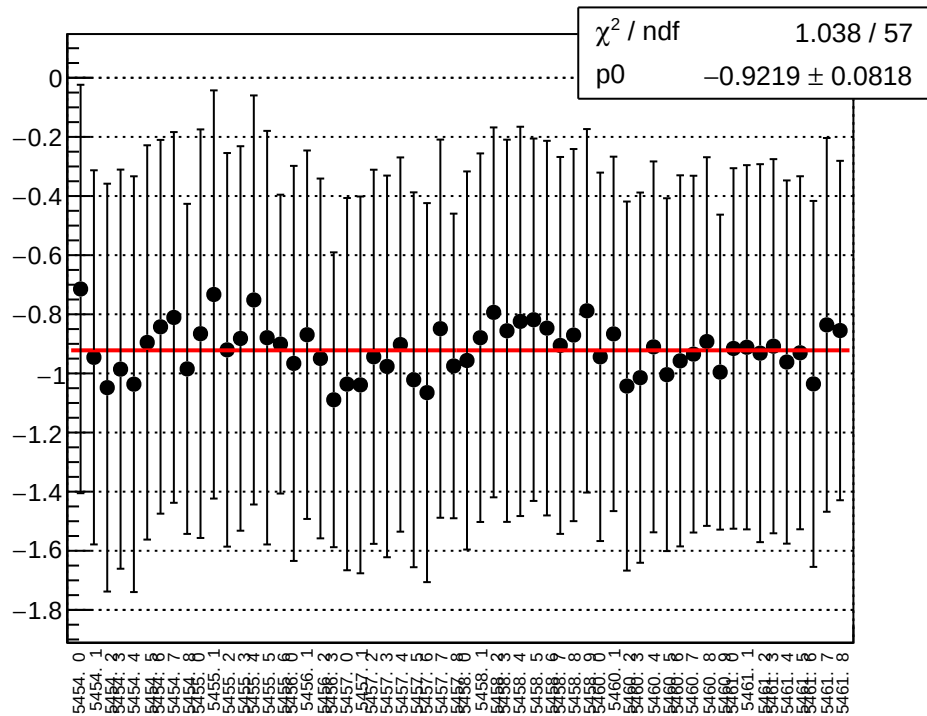
reg\_asym\_sam\_2468\_avg\_diff\_bpm4eX\_slope vs run



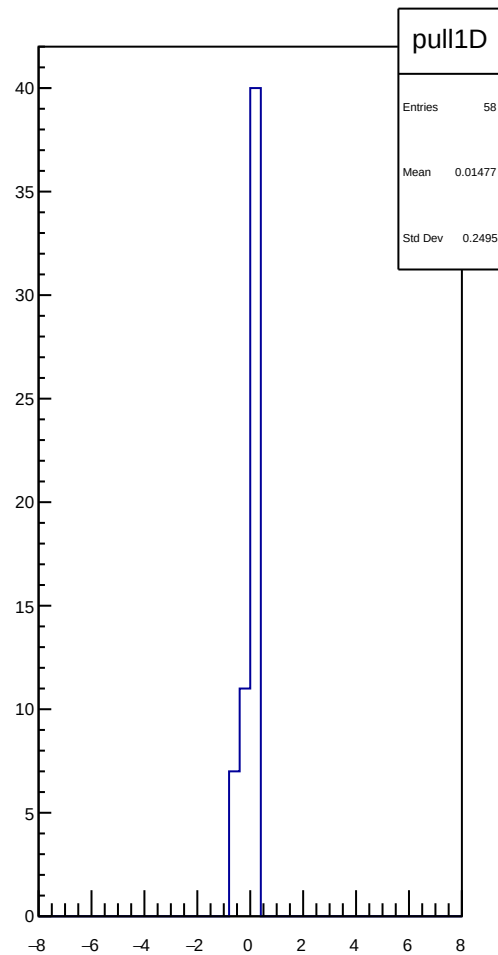
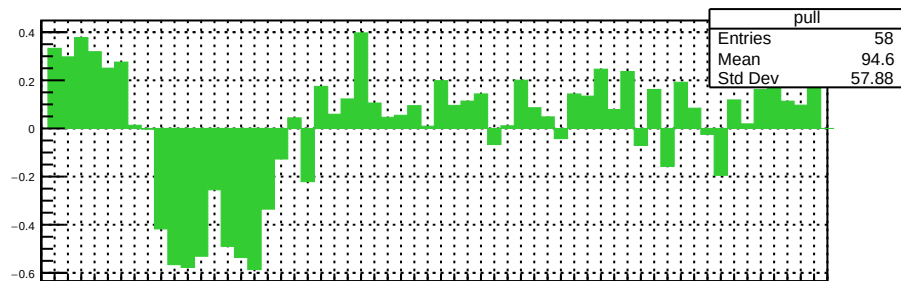
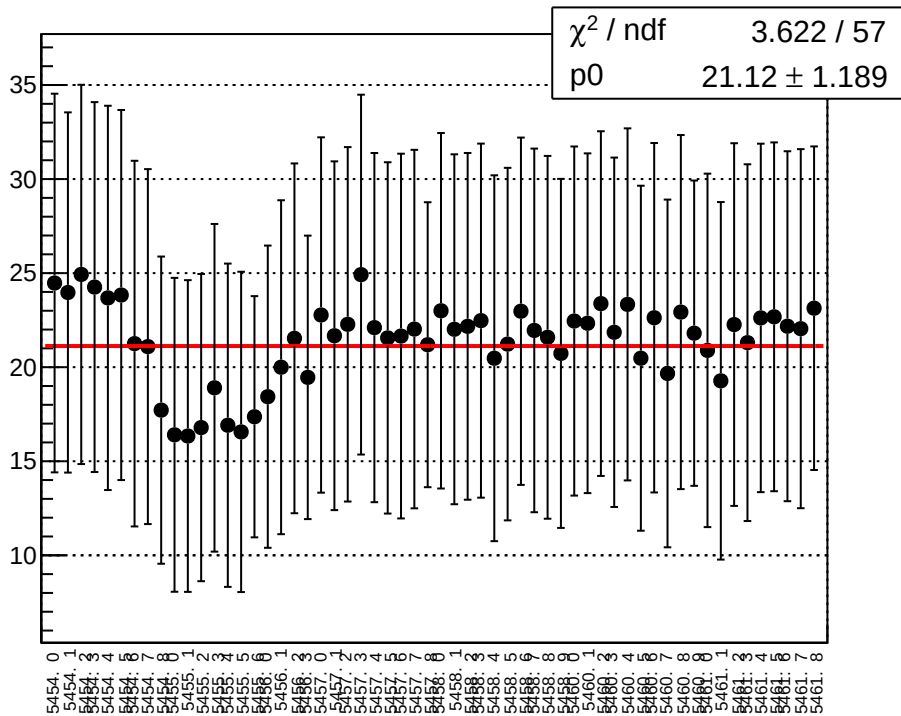
reg\_asym\_sam\_2468\_avg\_diff\_bpm4eY\_slope vs run



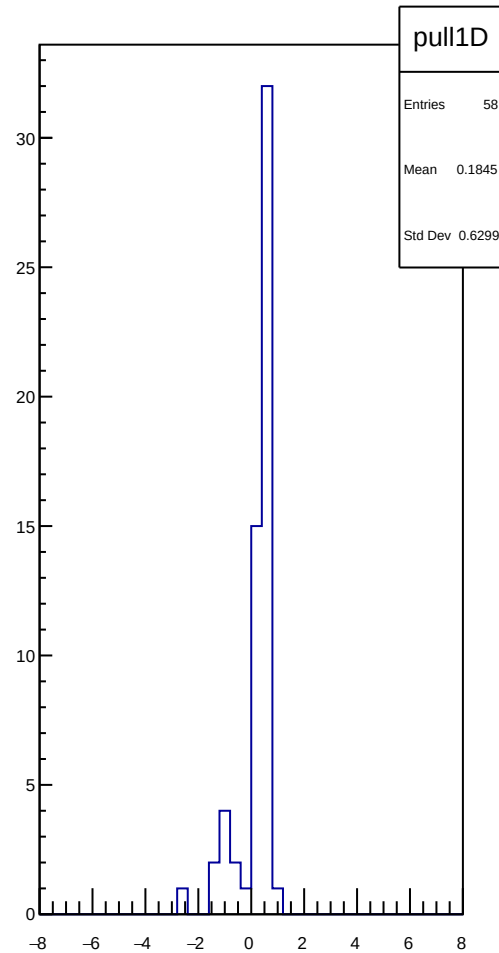
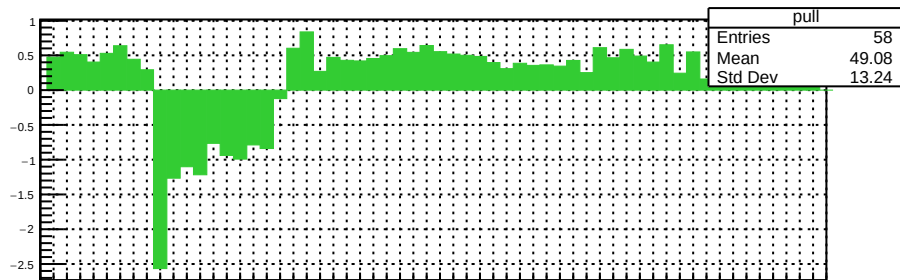
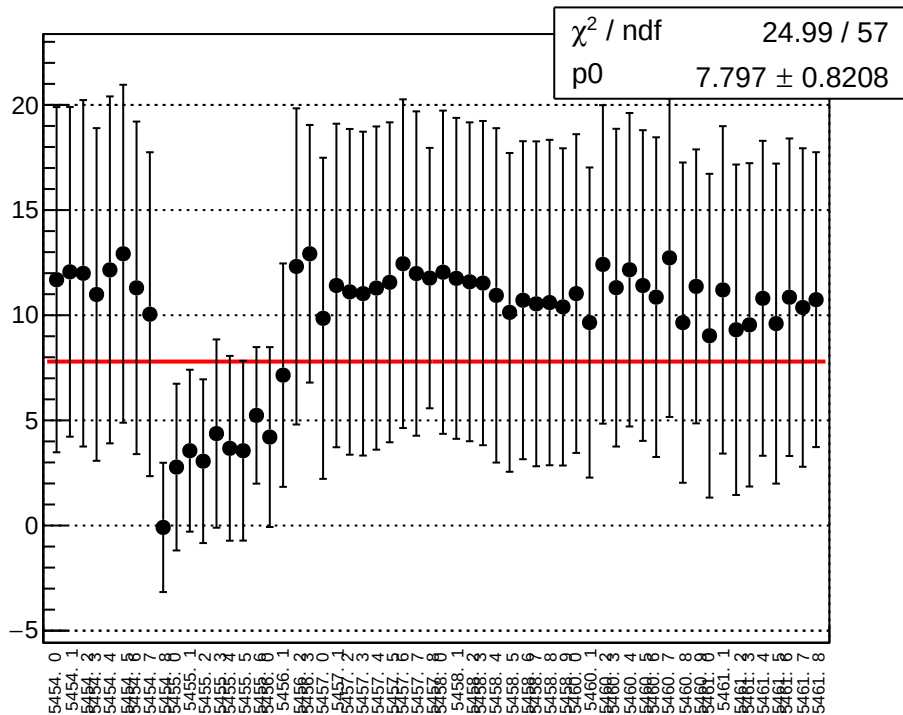
reg\_asym\_sam\_2468\_avg\_diff\_bpm12X\_slope vs run



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

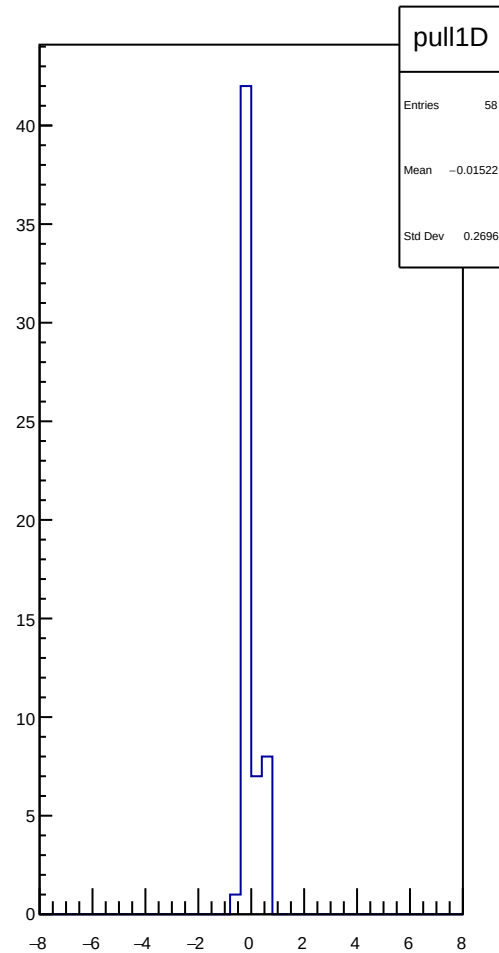
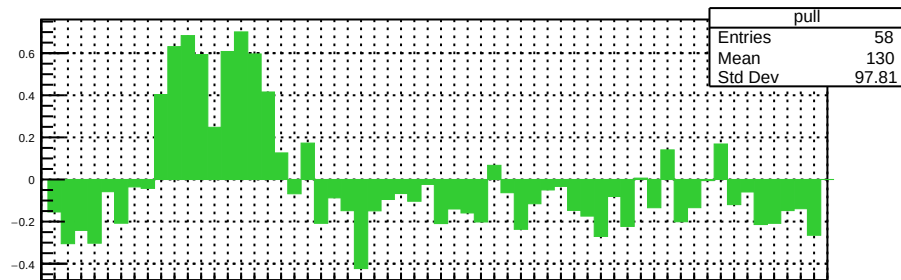
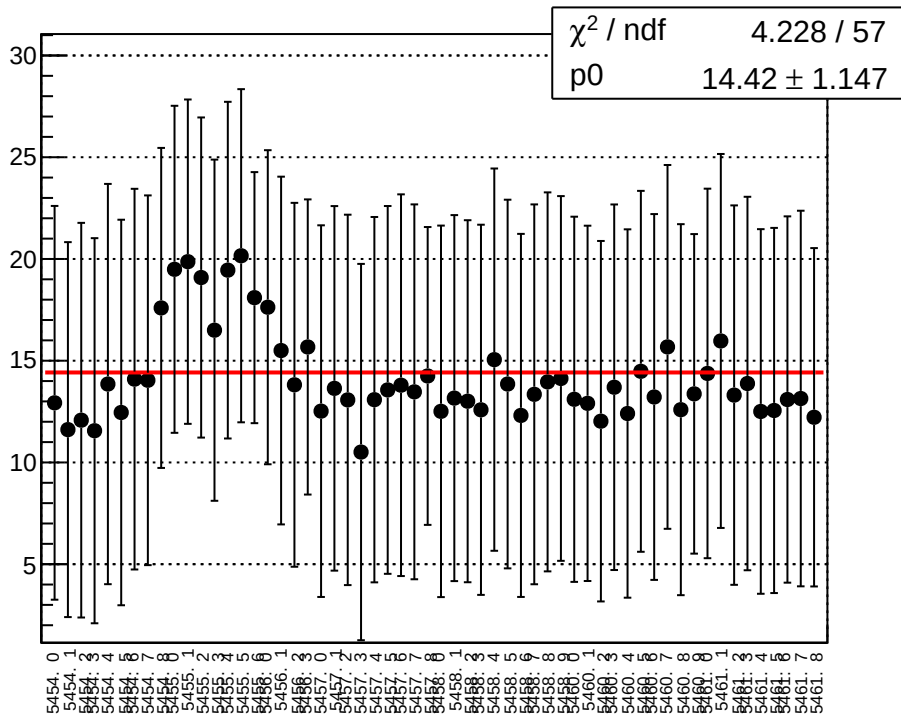


reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm4aY\_slope vs run

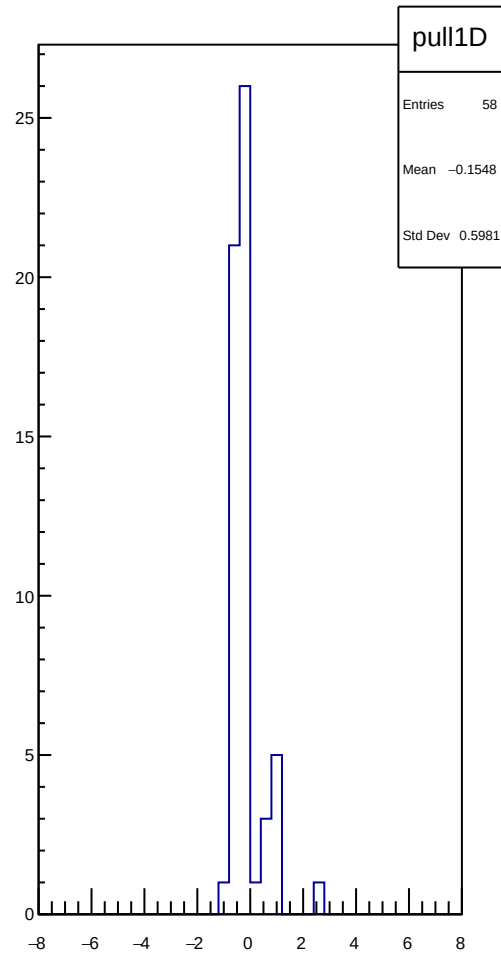
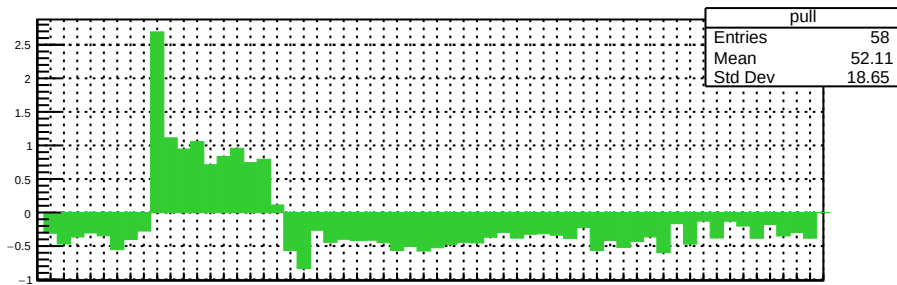
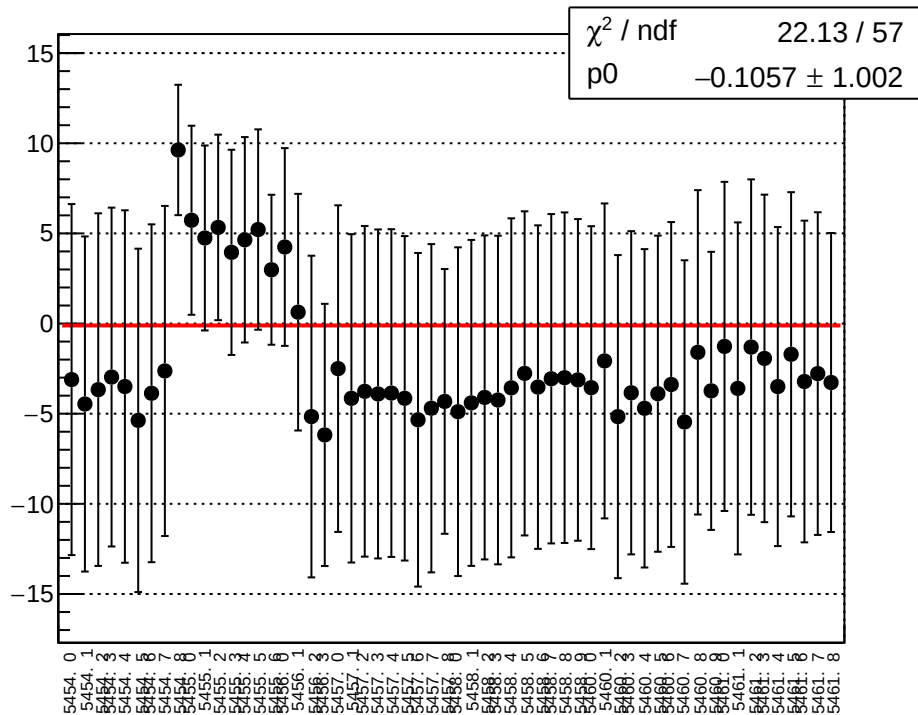




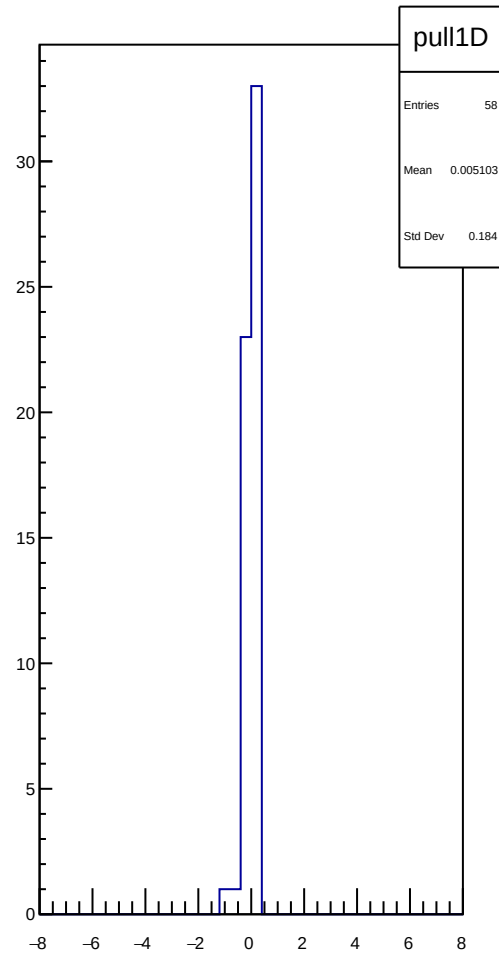
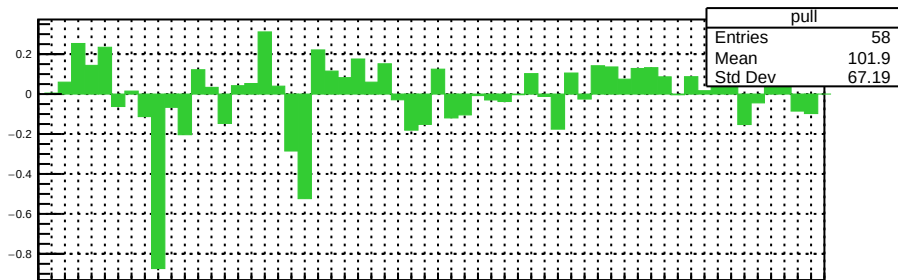
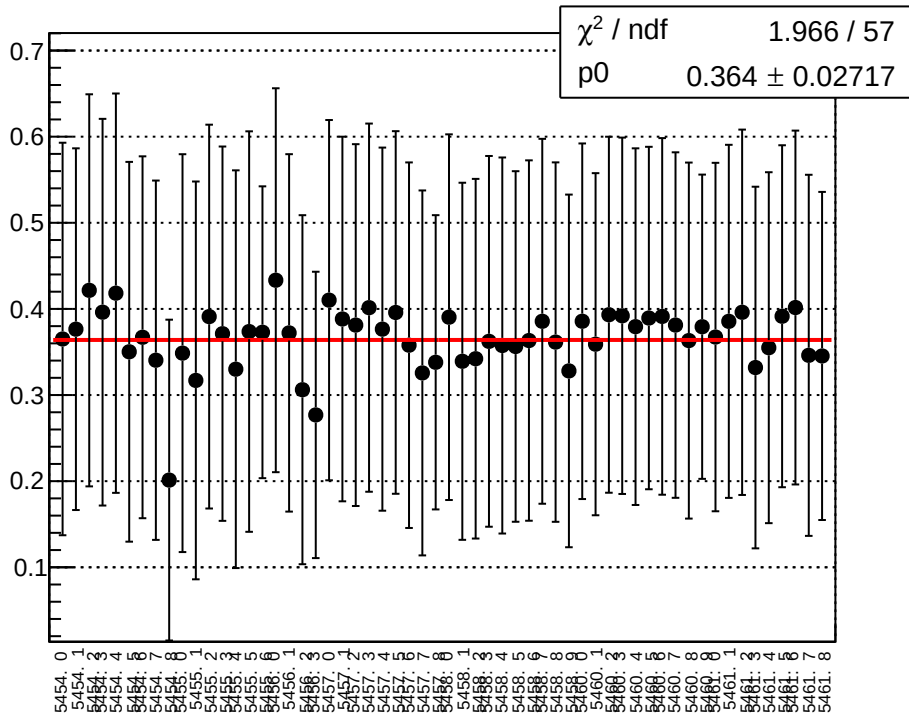
reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm4eX\_slope vs run



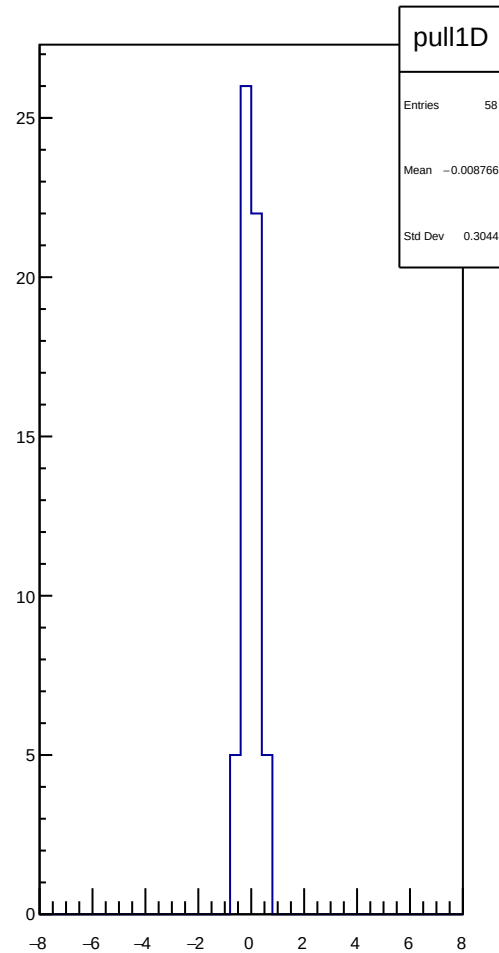
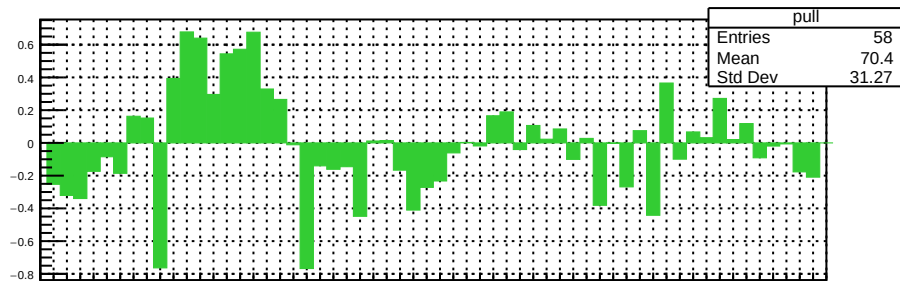
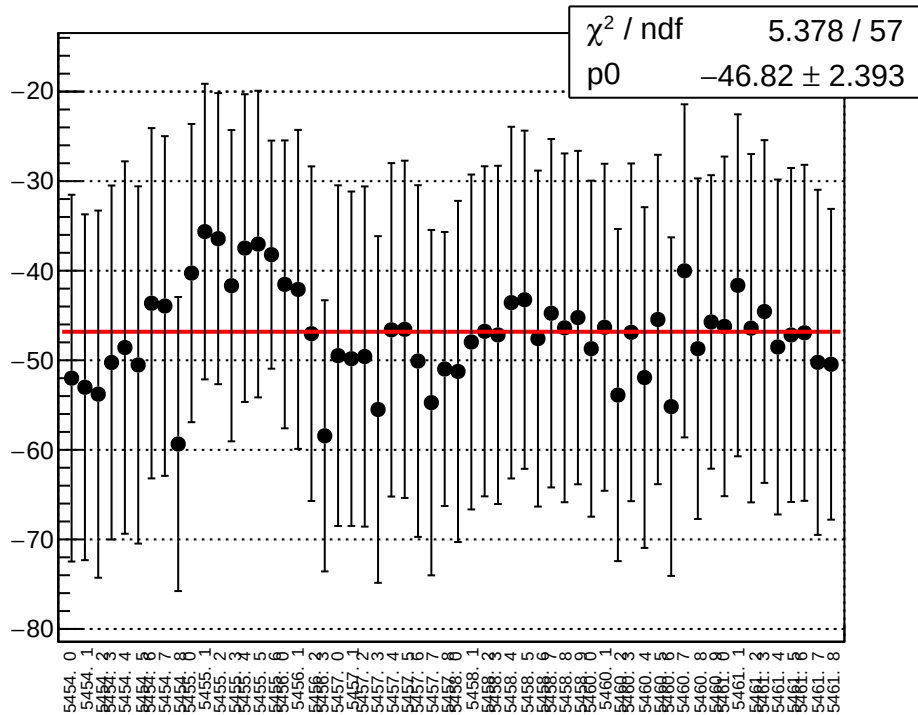
reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm4eY\_slope vs run



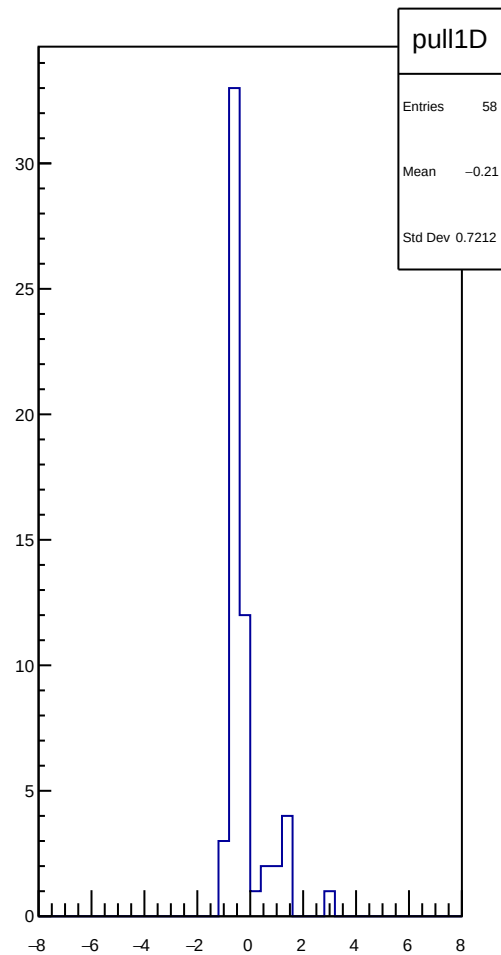
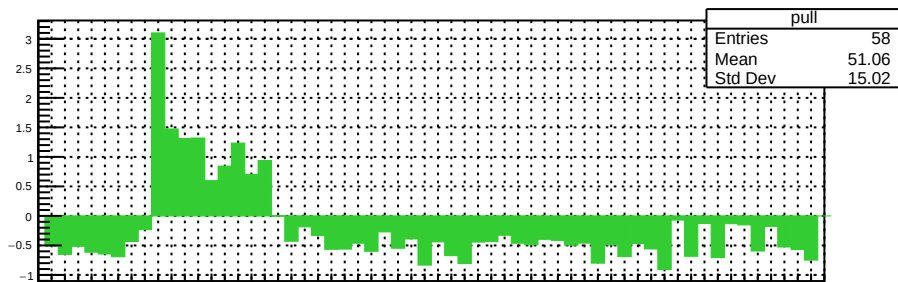
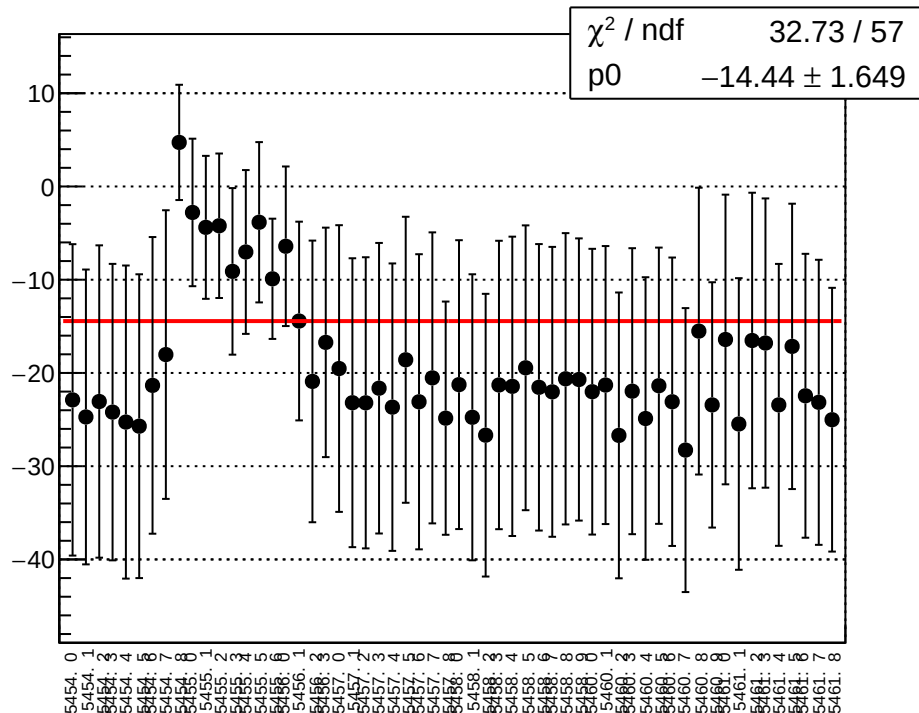
reg\_asym\_sam\_1357\_2468\_dd\_diff\_bpm12X\_slope vs run



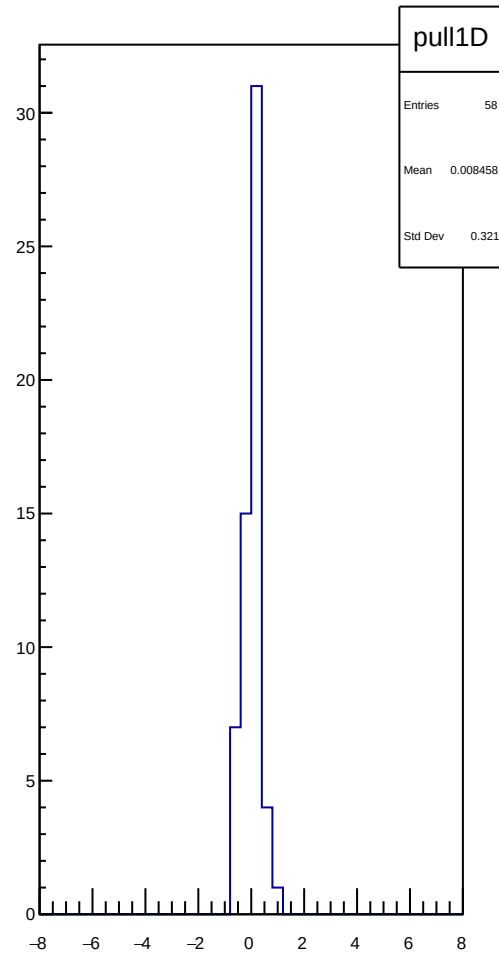
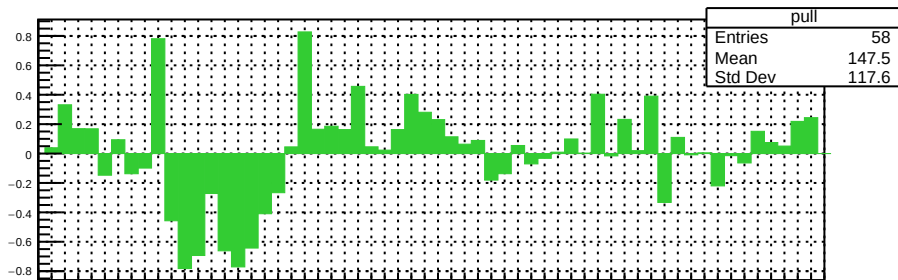
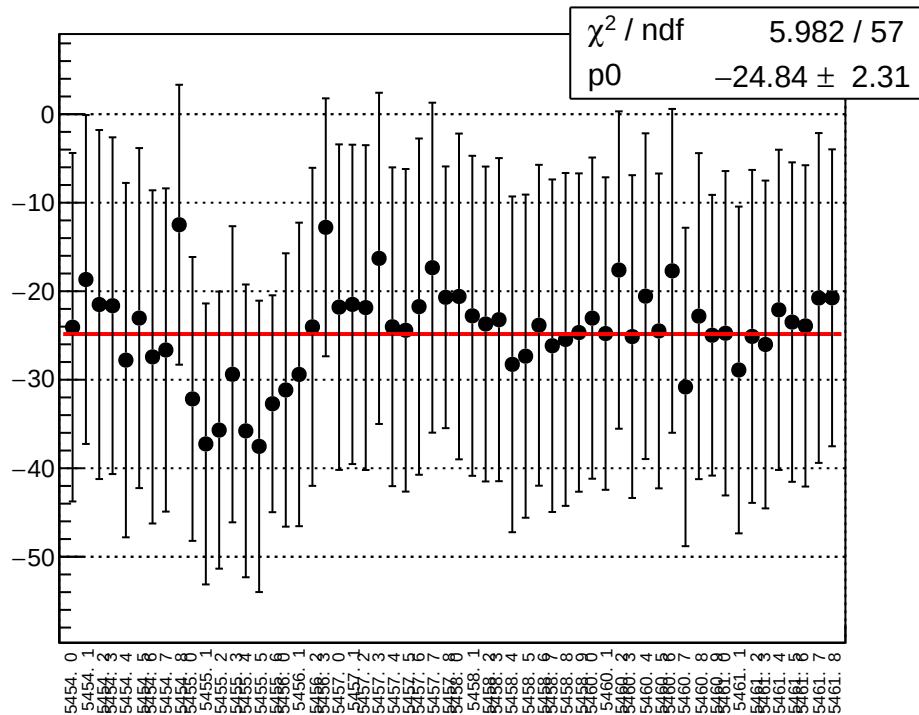
reg\_asym\_sam\_12345678\_avg\_diff\_bpm4aX\_slope vs run



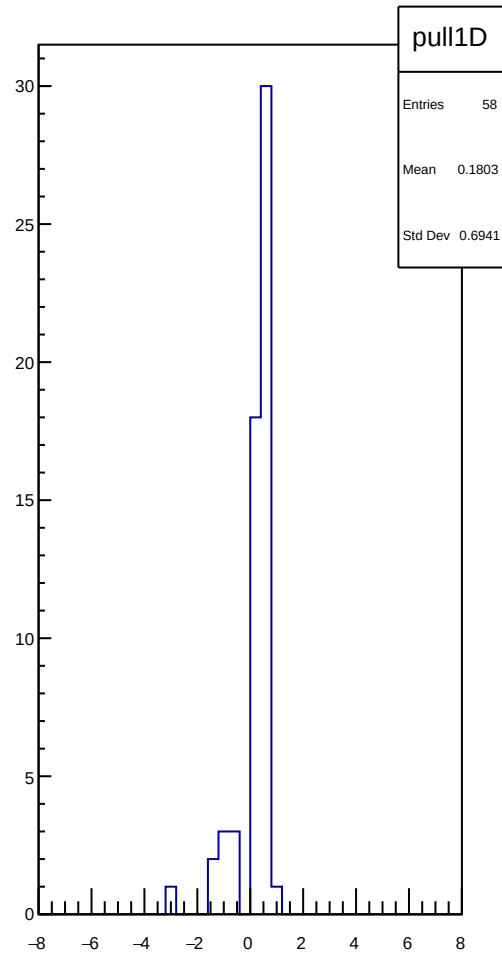
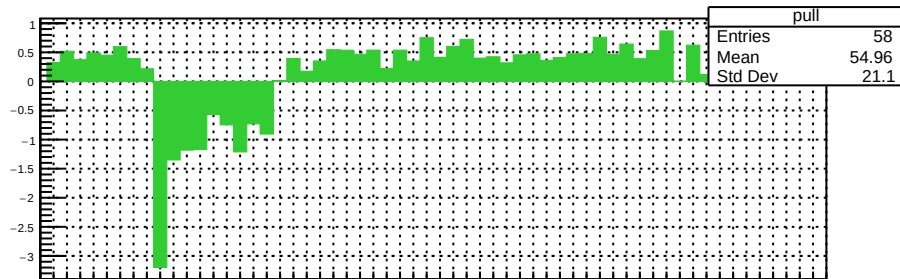
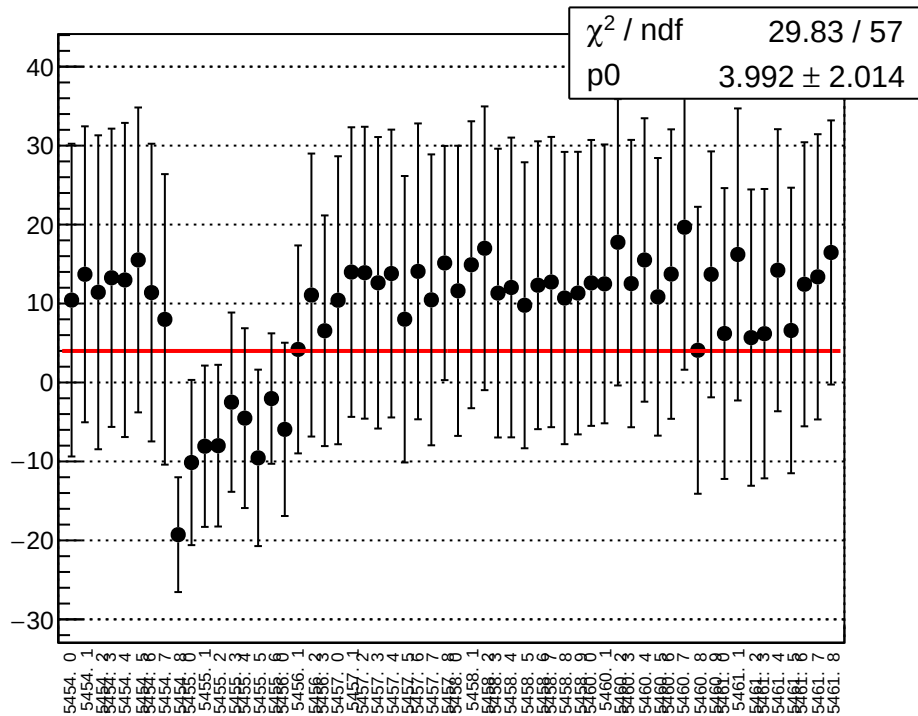
reg\_asym\_sam\_12345678\_avg\_diff\_bpm4aY\_slope vs run



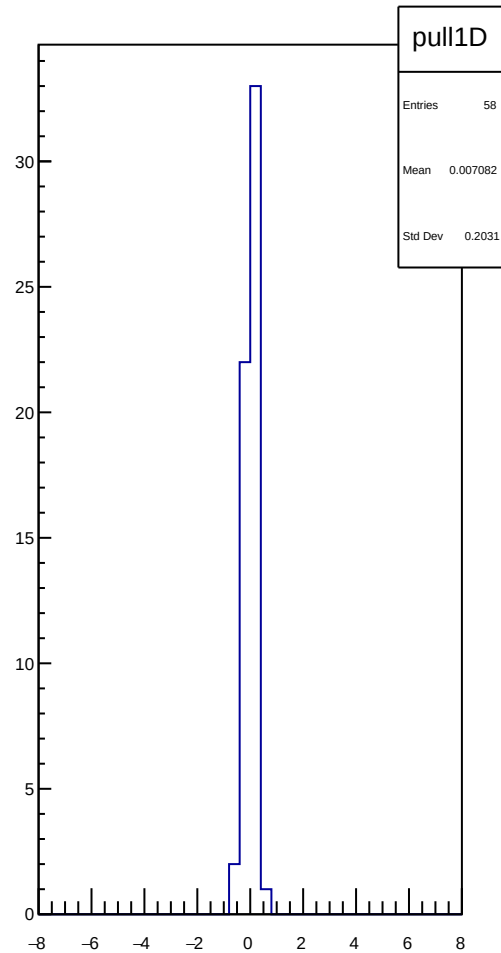
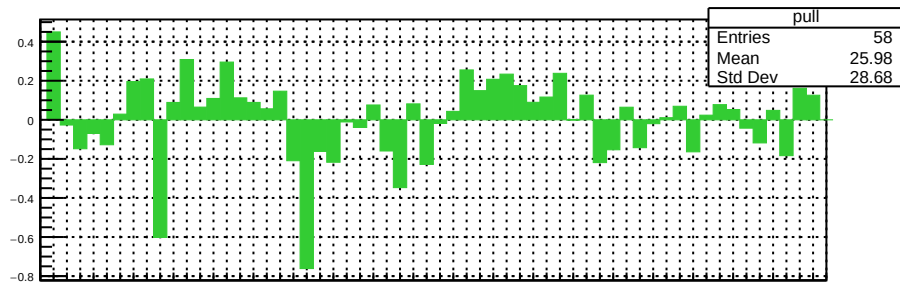
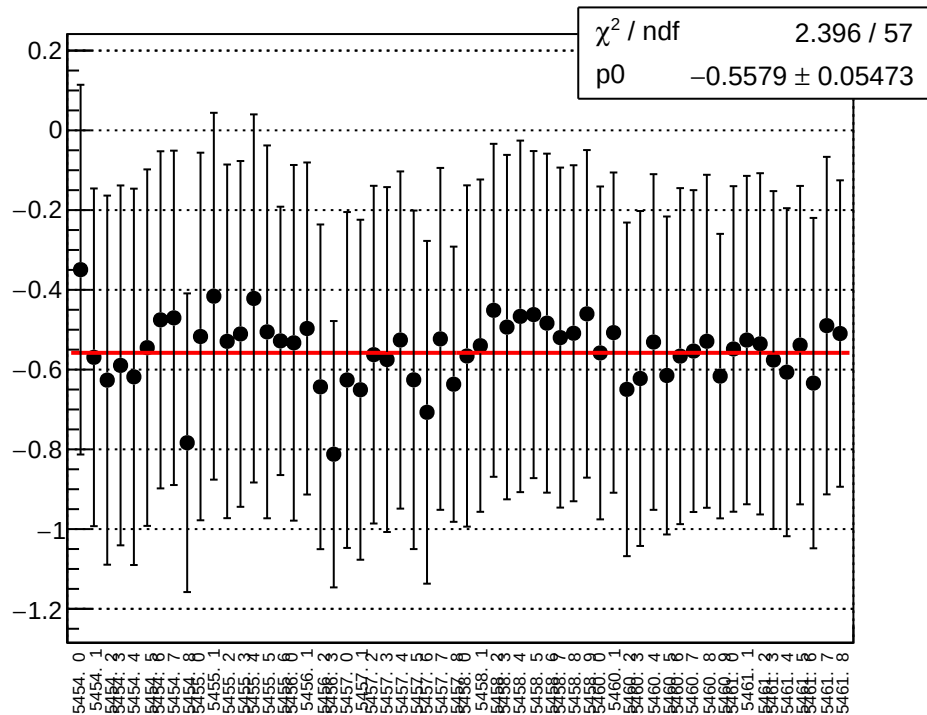
reg\_asym\_sam\_12345678\_avg\_diff\_bpm4eX\_slope vs run



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

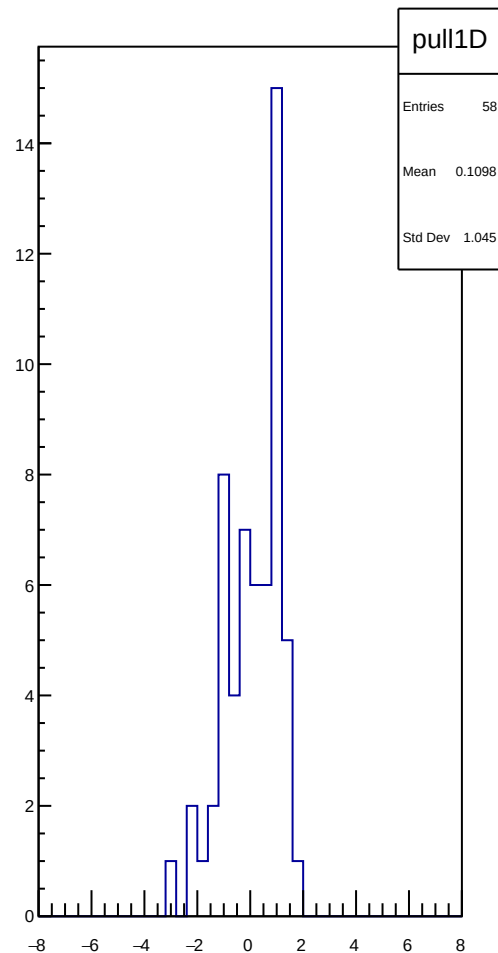
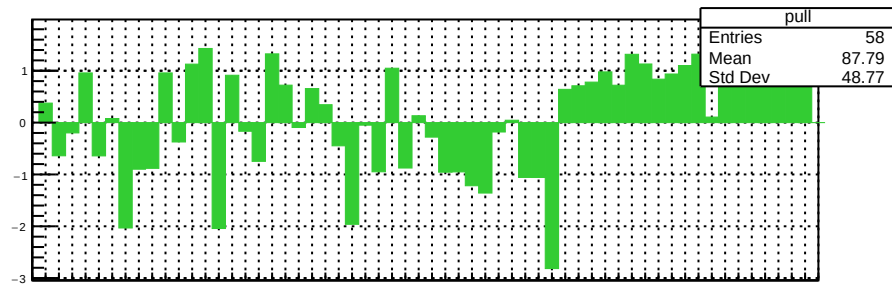
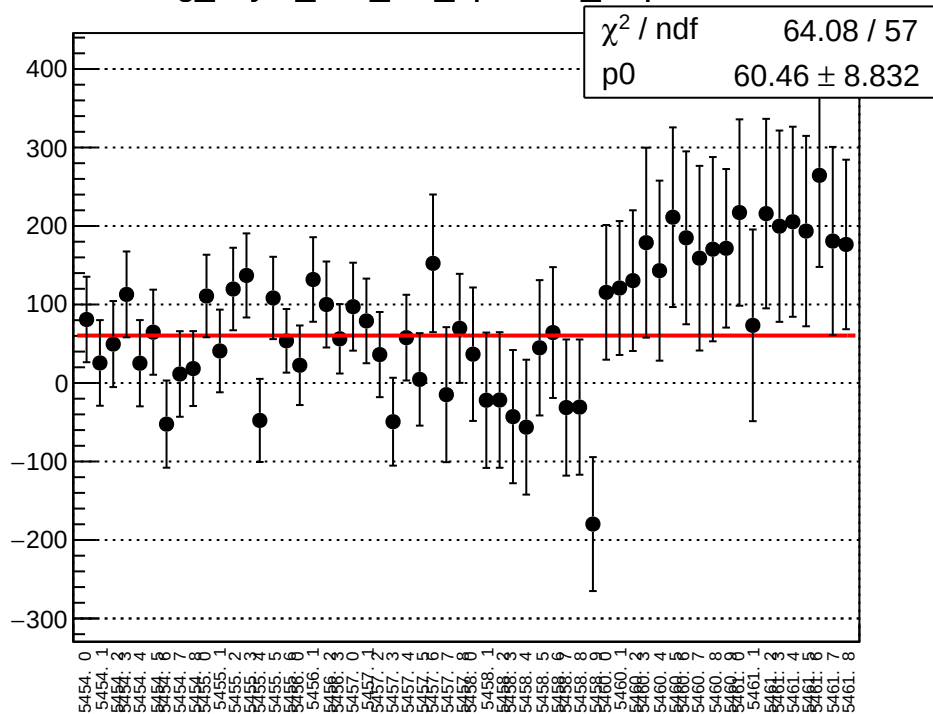


reg\_asym\_sam\_12345678\_avg\_diff\_bpm12X\_slope vs run

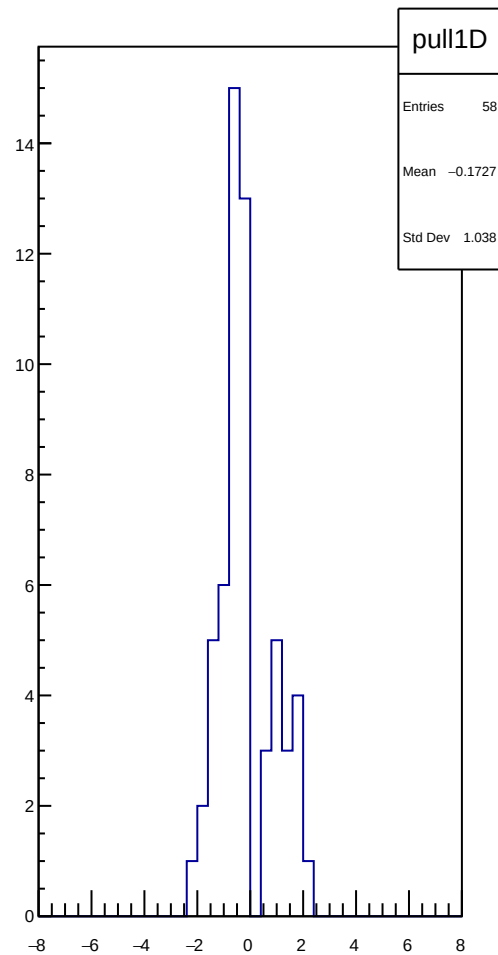
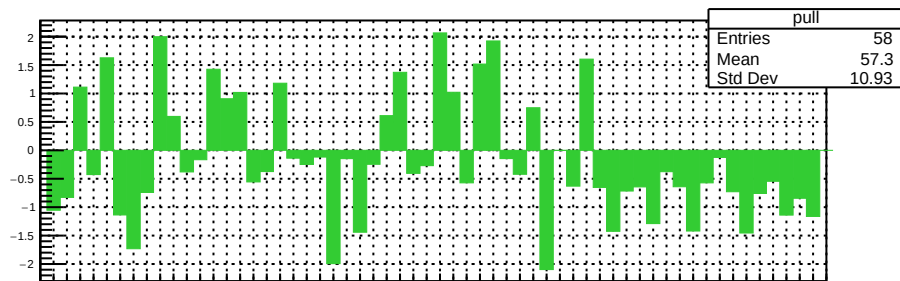
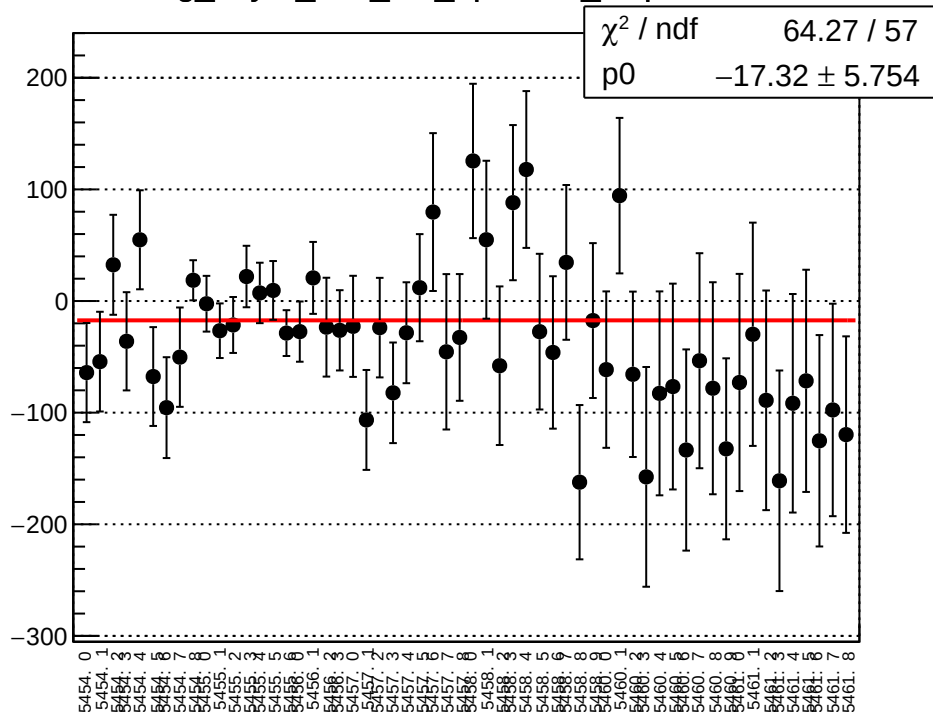




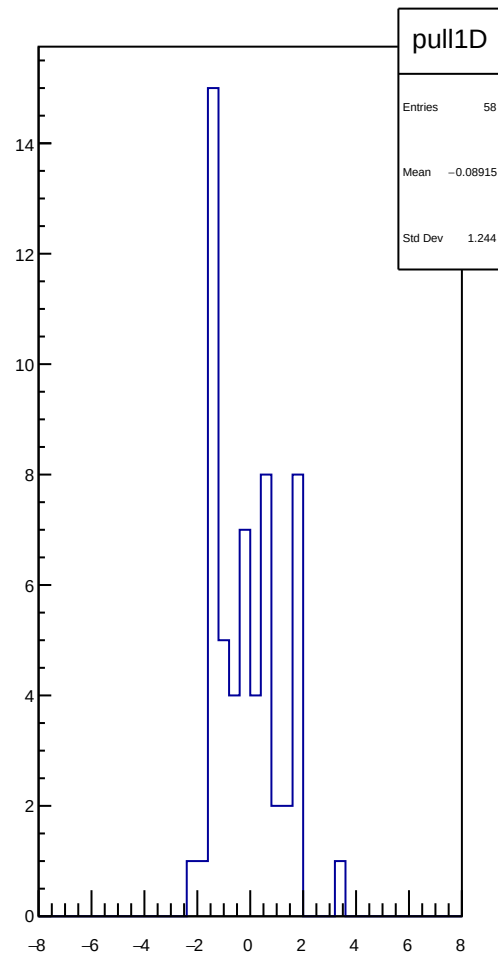
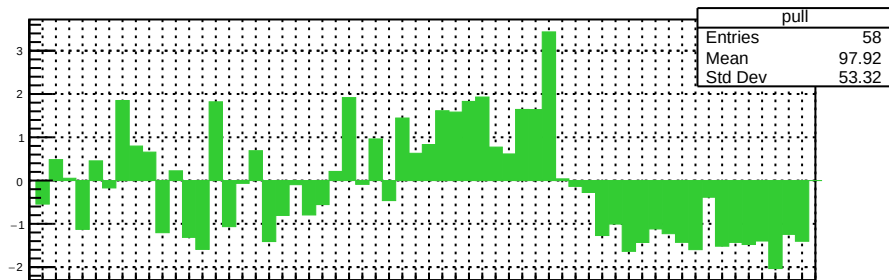
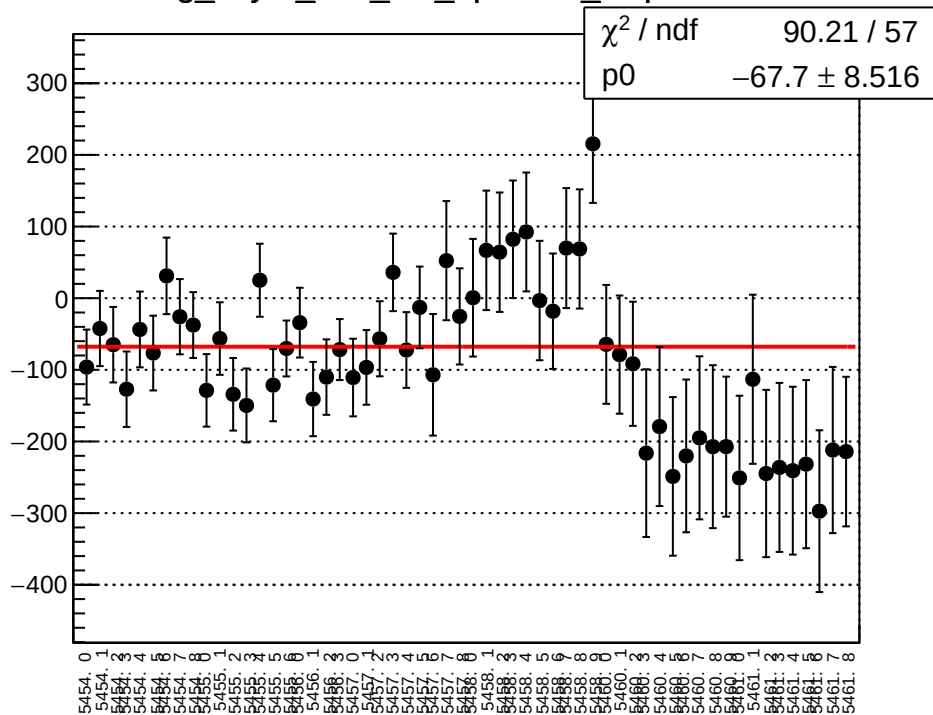
reg\_asym\_atl1\_diff\_bpm4aX\_slope vs run



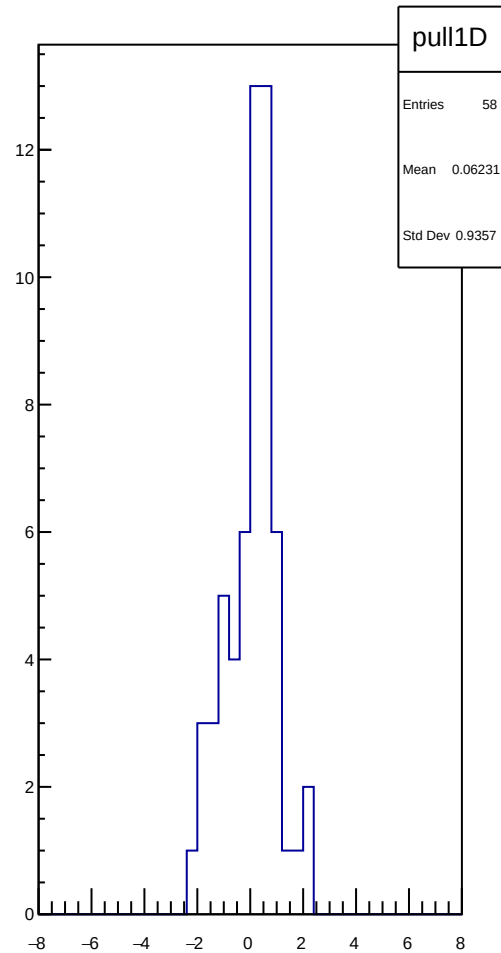
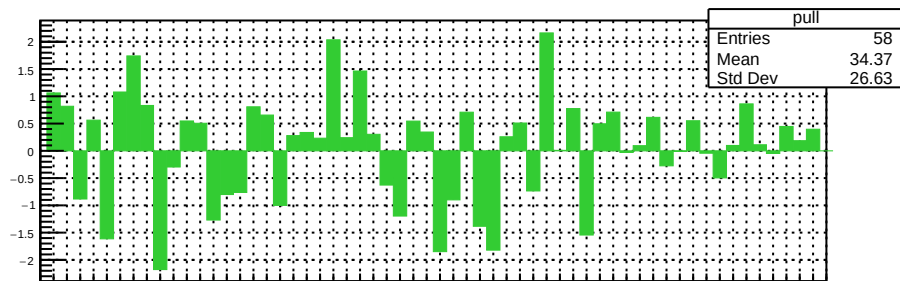
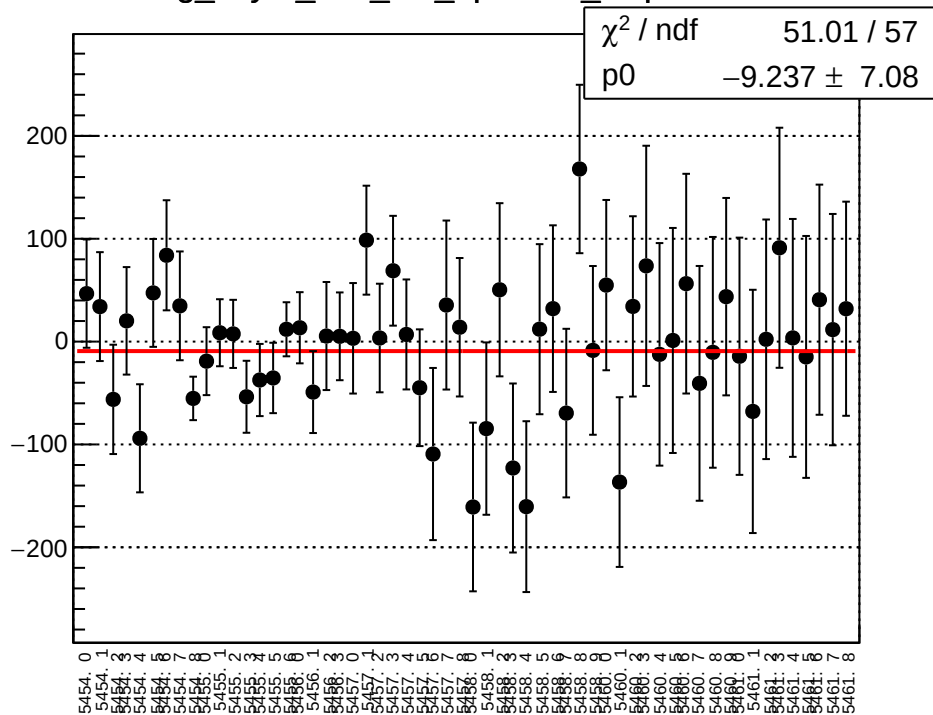
reg\_asym\_atl1\_diff\_bpm4aY\_slope vs run



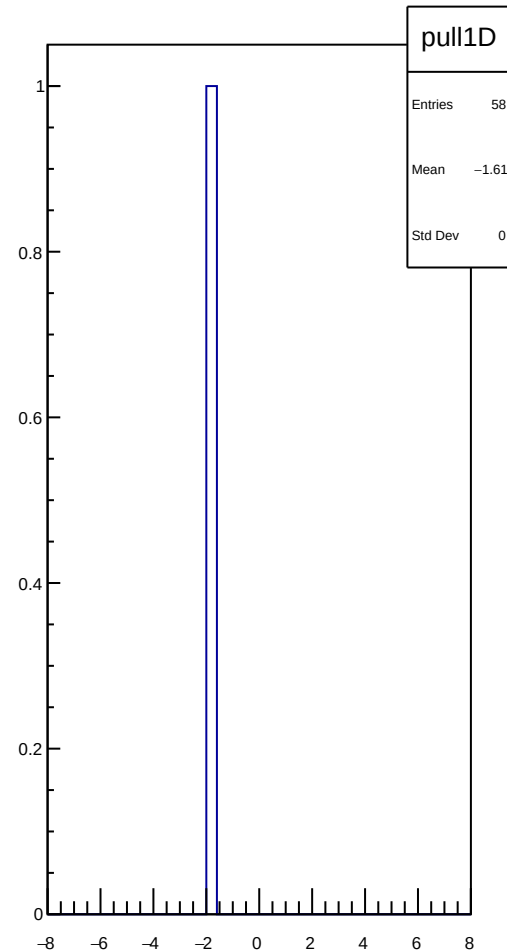
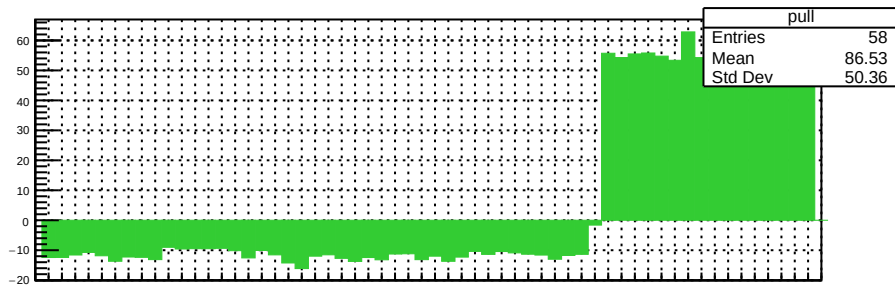
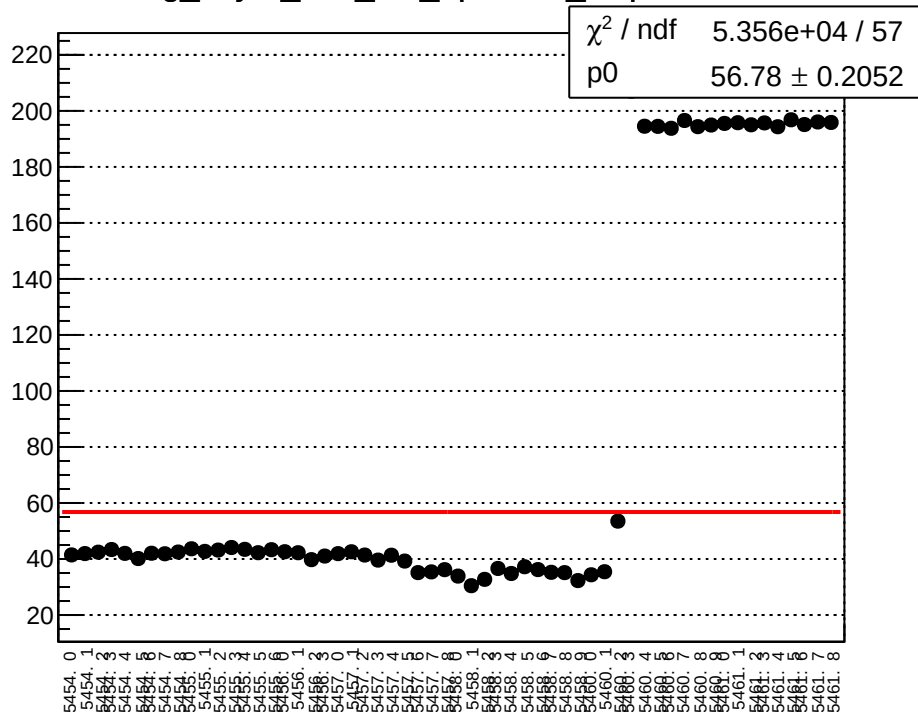
reg\_asym\_atl1\_diff\_bpm4eX\_slope vs run



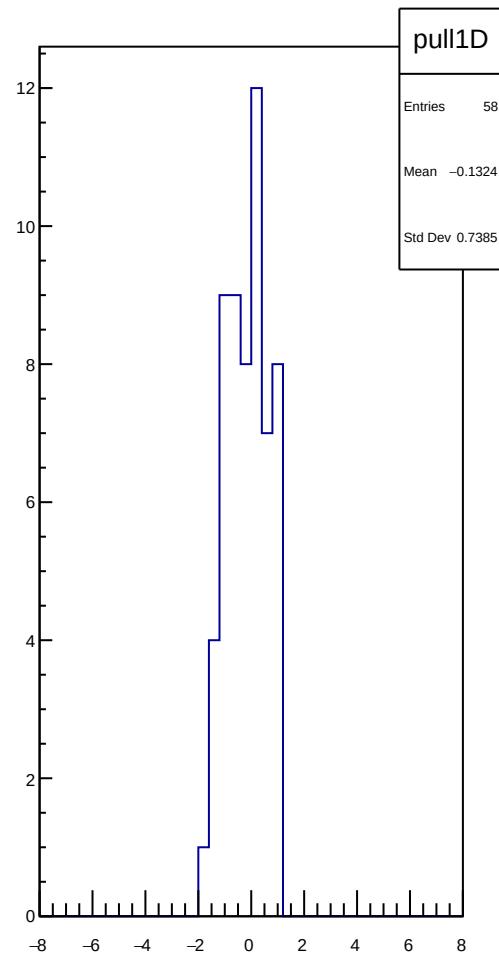
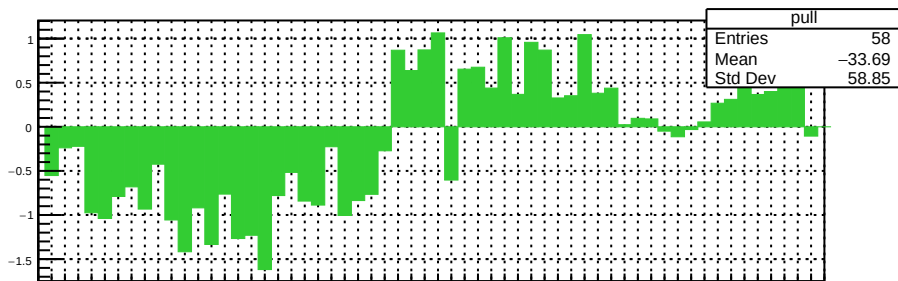
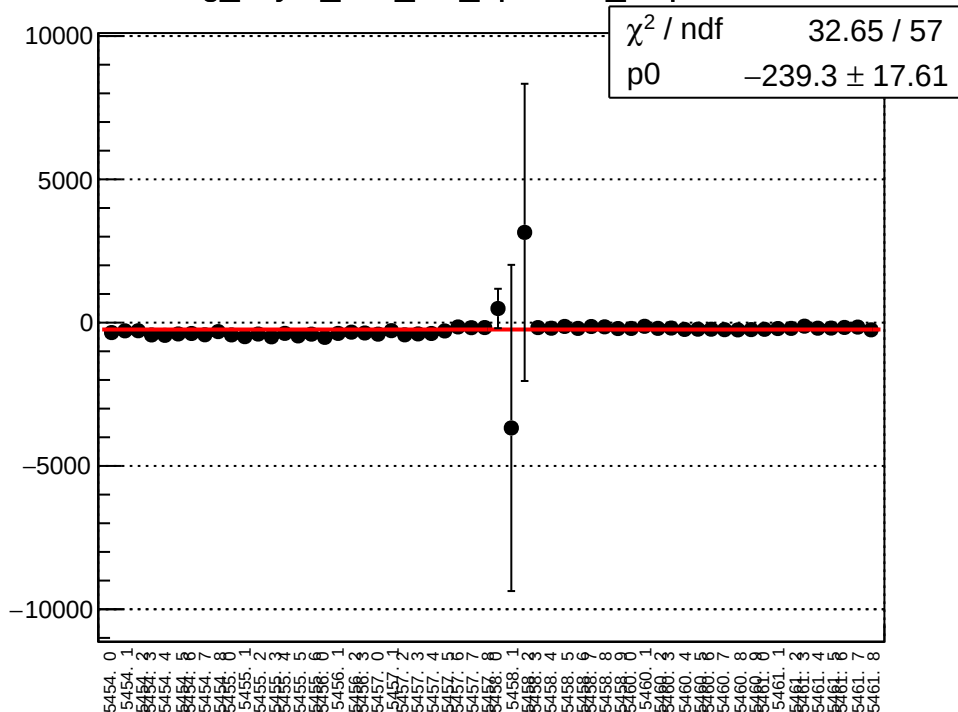
reg\_asym\_atl1\_diff\_bpm4eY\_slope vs run



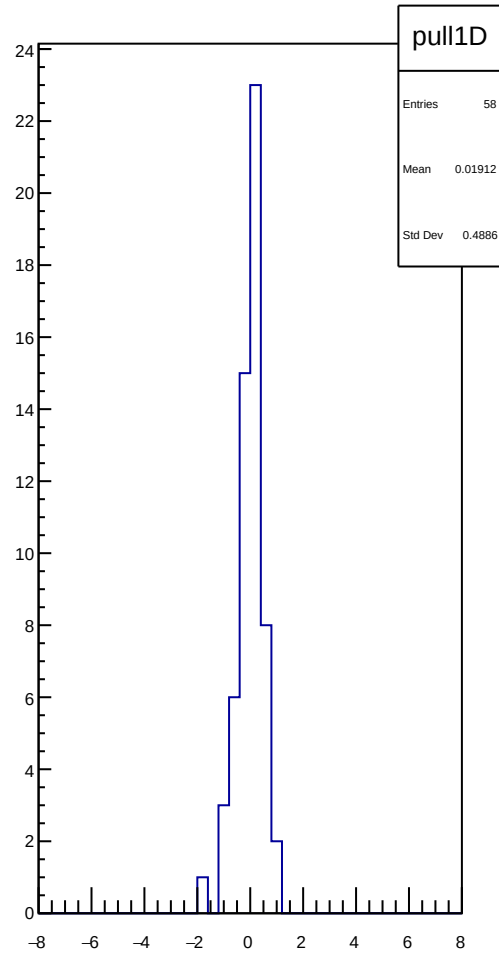
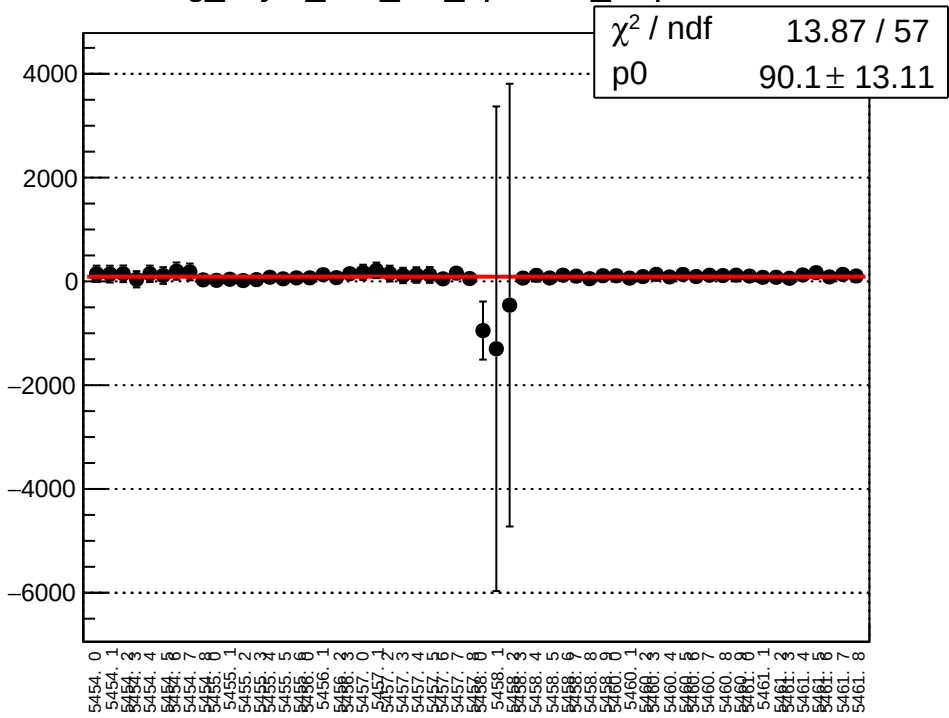
reg\_asym\_atl1\_diff\_bpm12X\_slope vs run



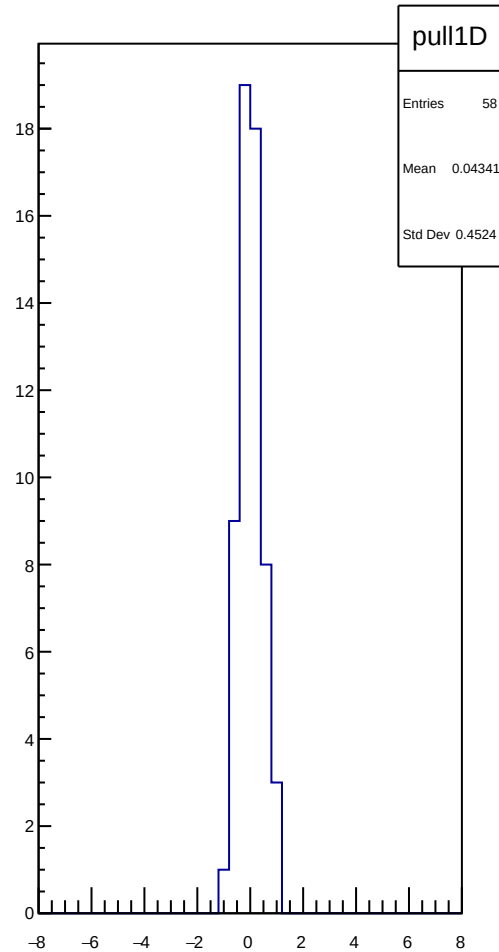
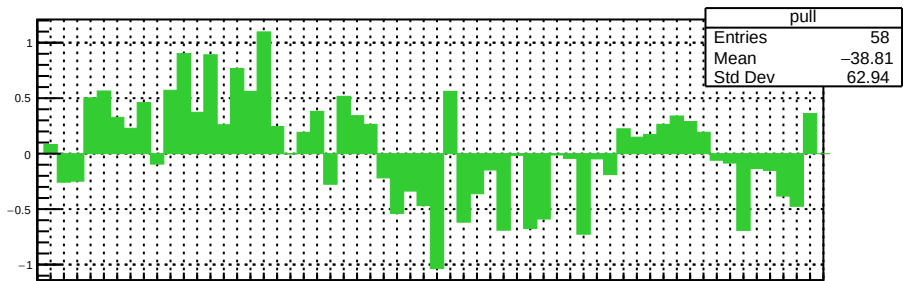
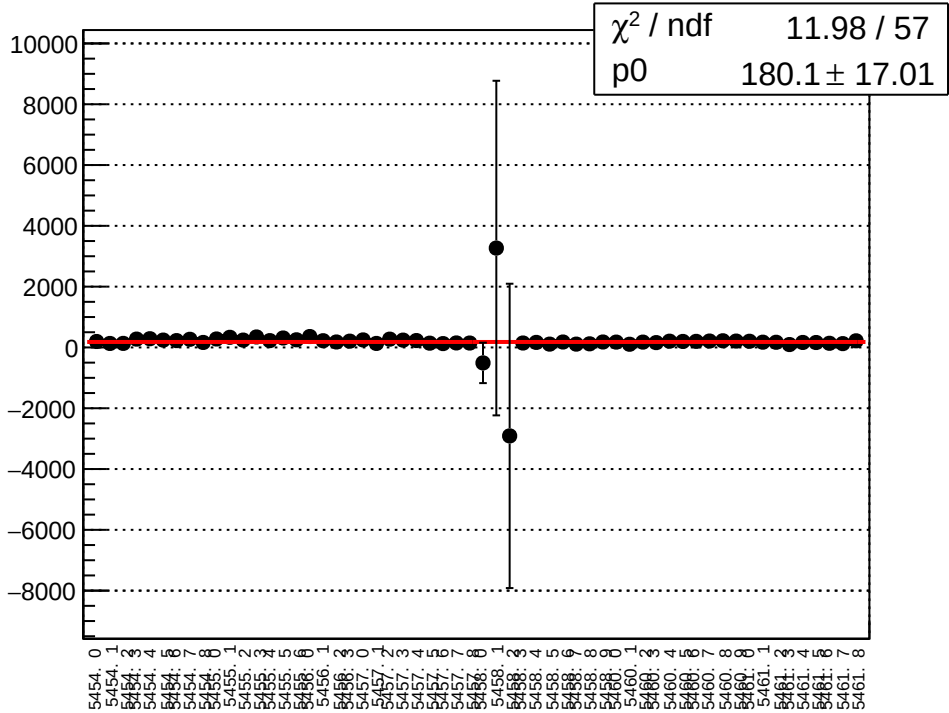
# reg\_asym\_atl2\_diff\_bpm4aX\_slope vs run



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

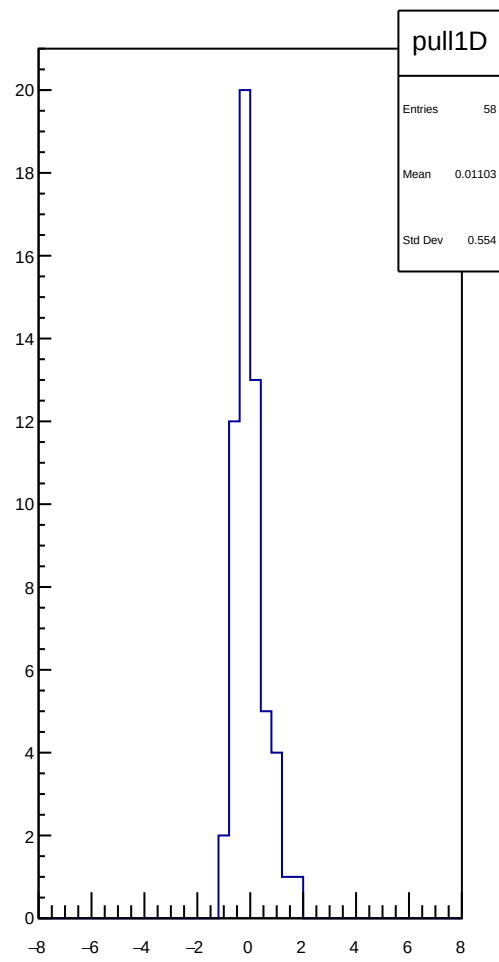
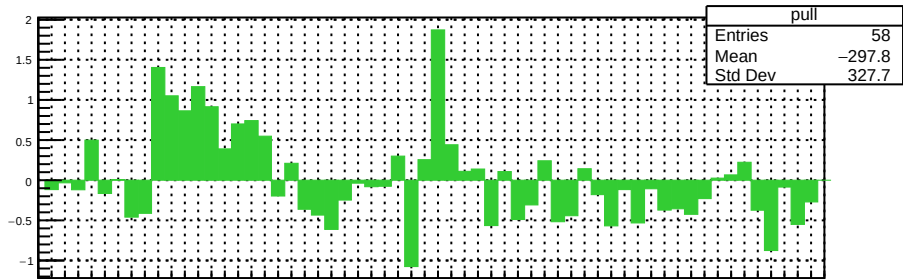
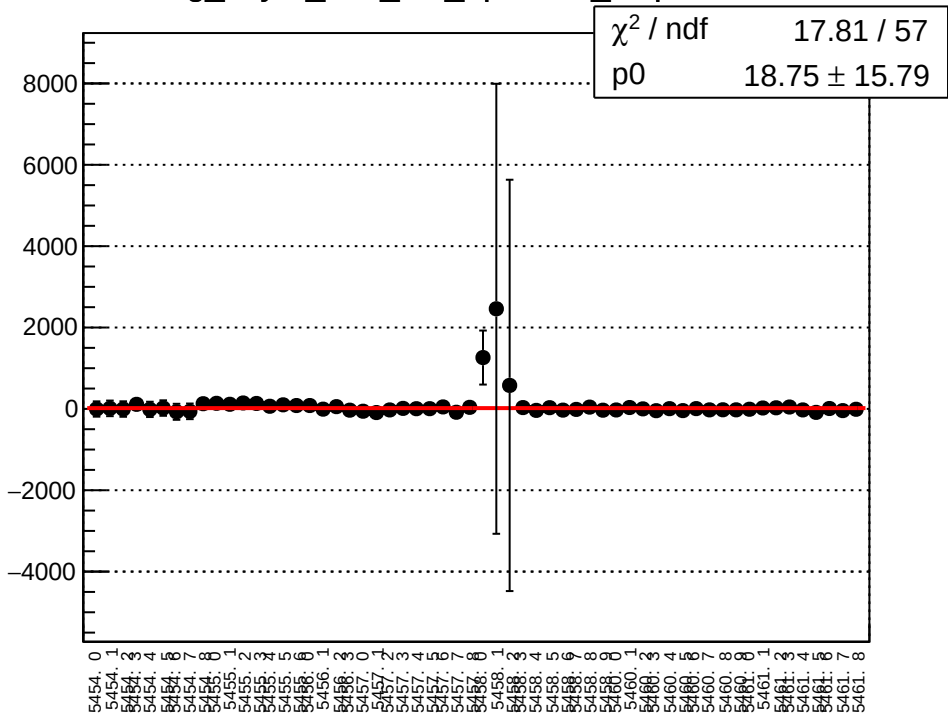


reg\_asym\_atl2\_diff\_bpm4eX\_slope vs run

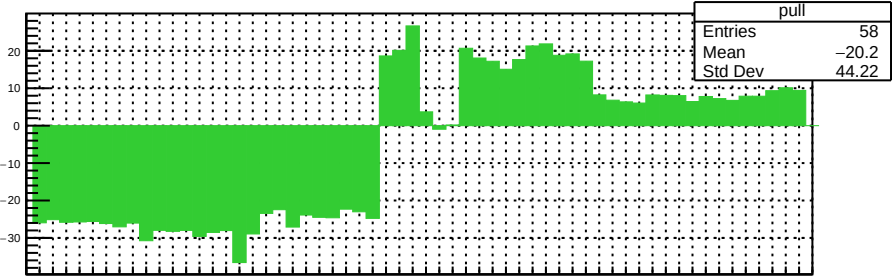
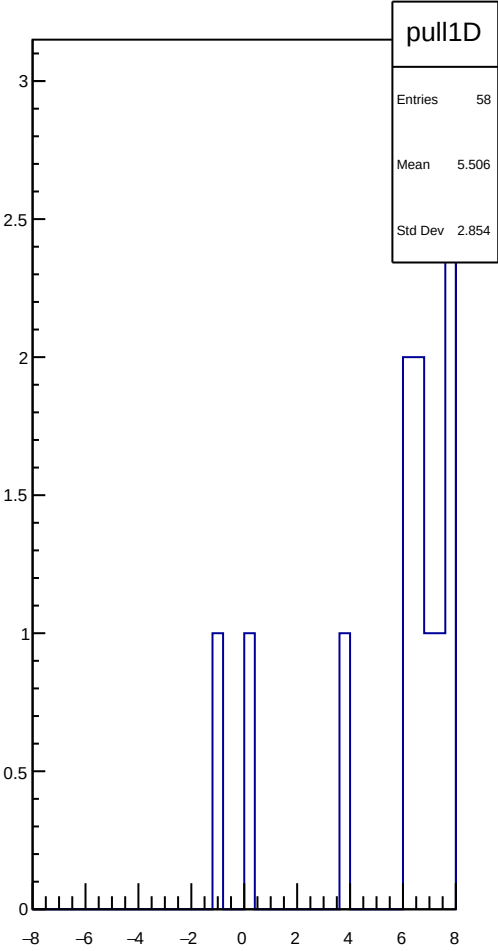
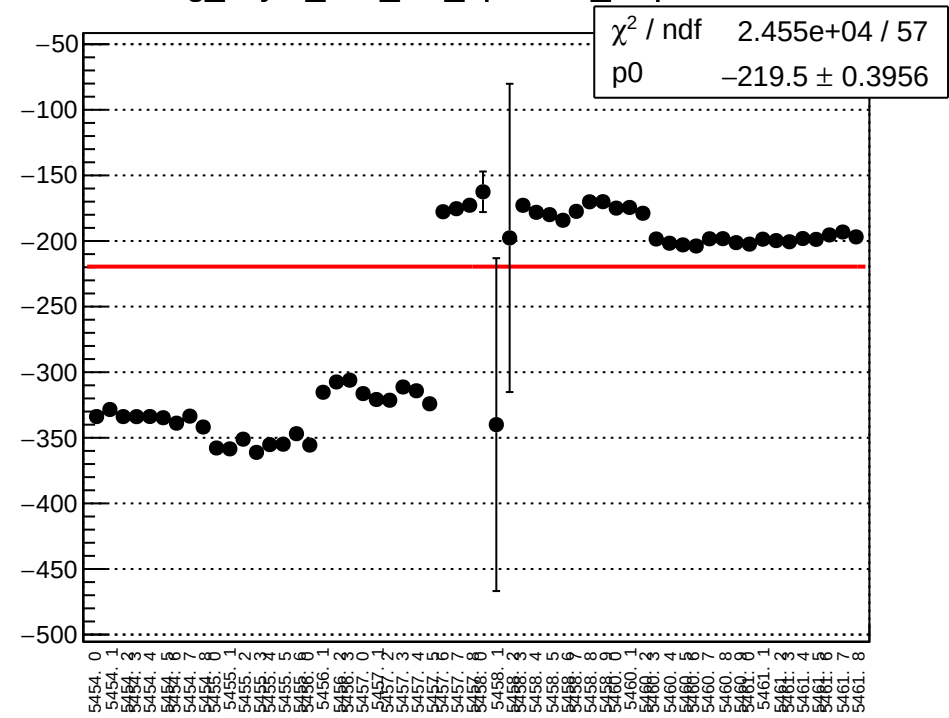




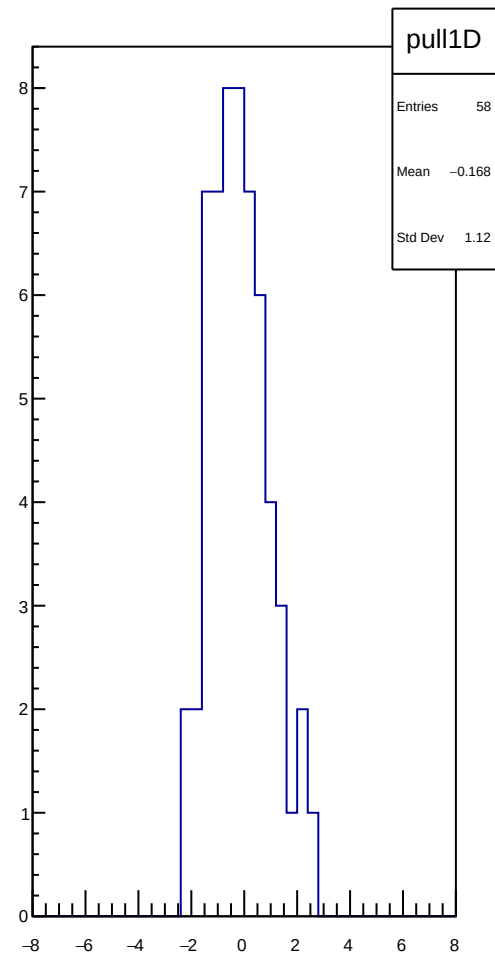
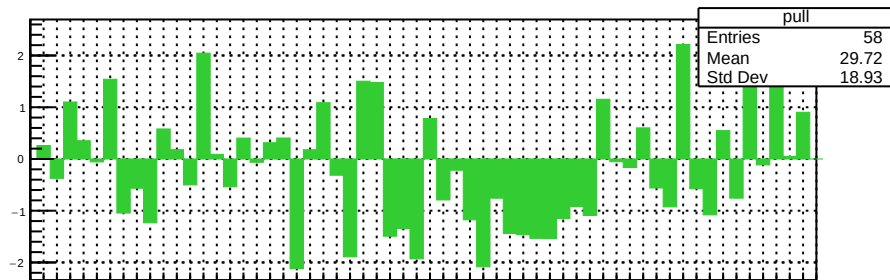
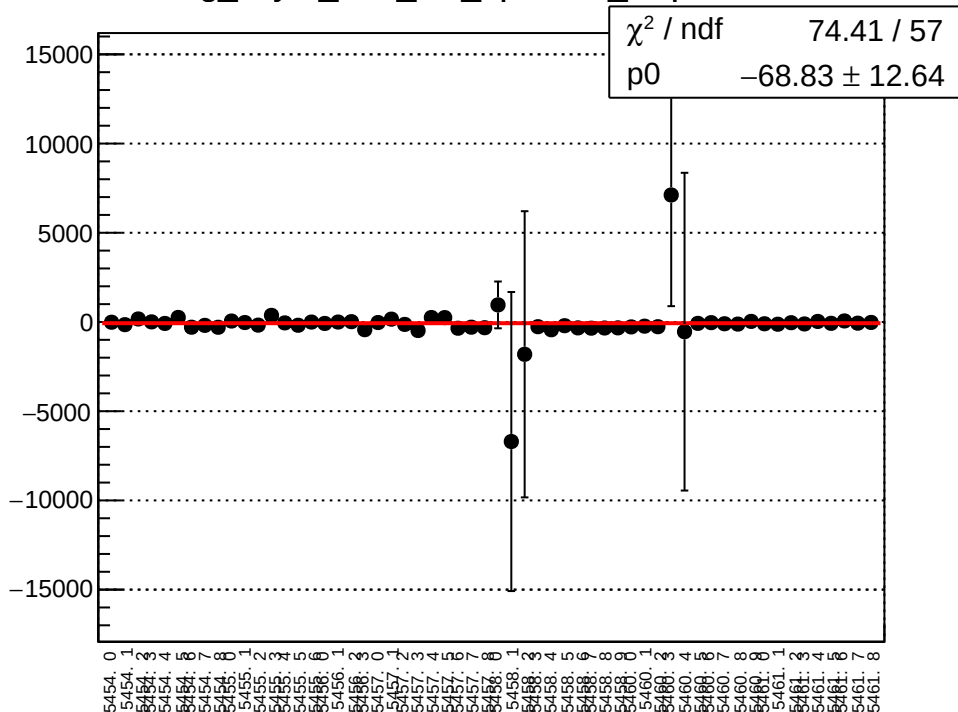
reg\_asym\_atl2\_diff\_bpm4eY\_slope vs run



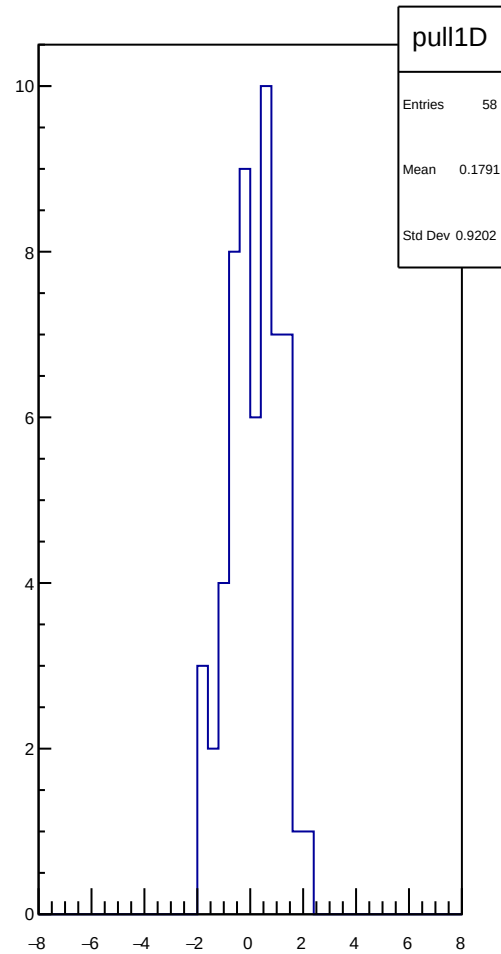
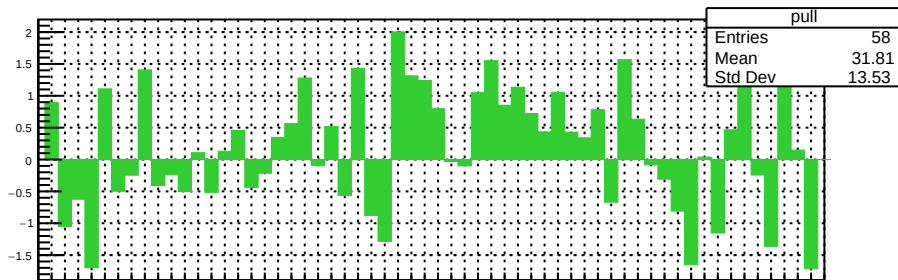
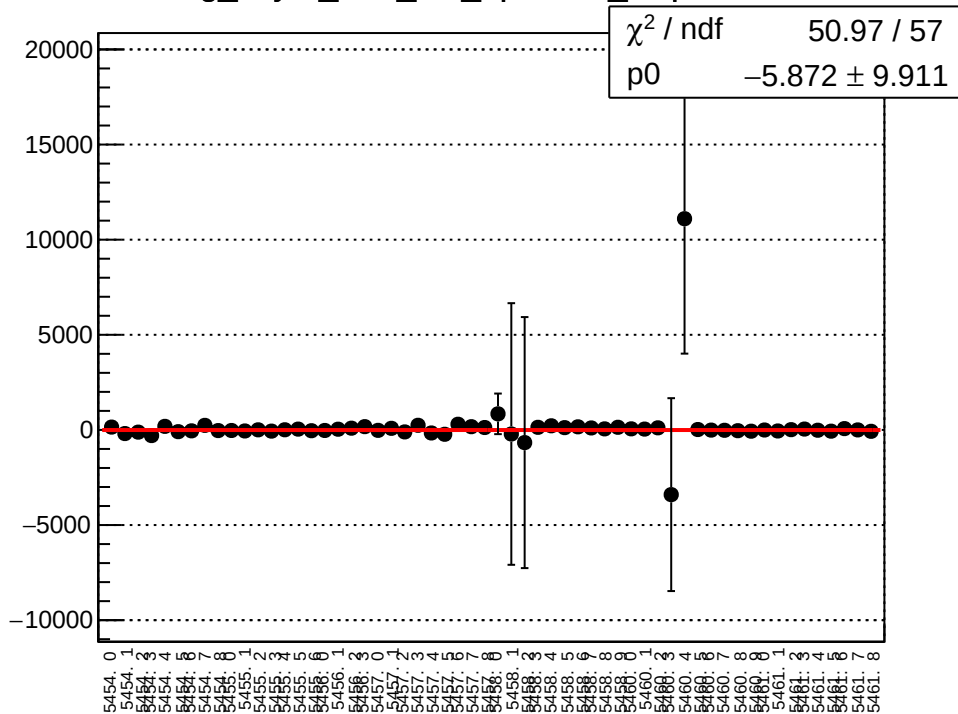
reg\_asym\_atl2\_diff\_bpm12X\_slope vs run



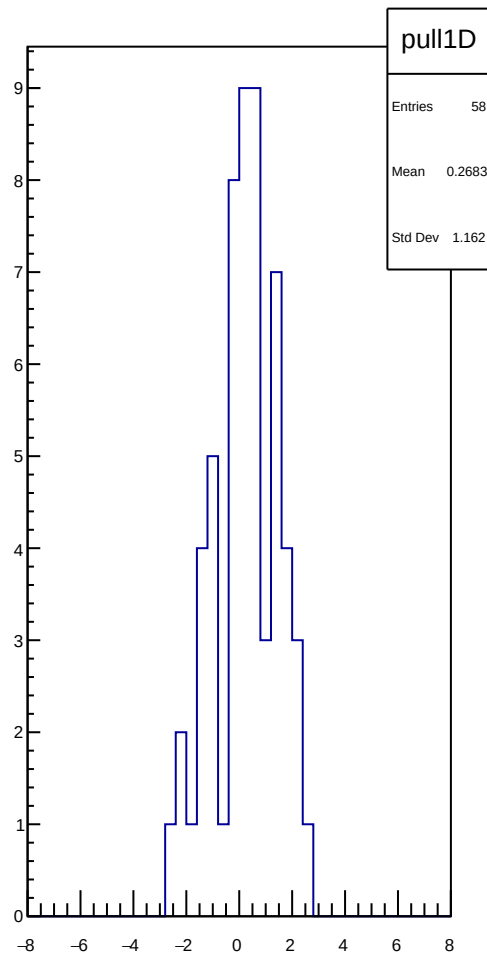
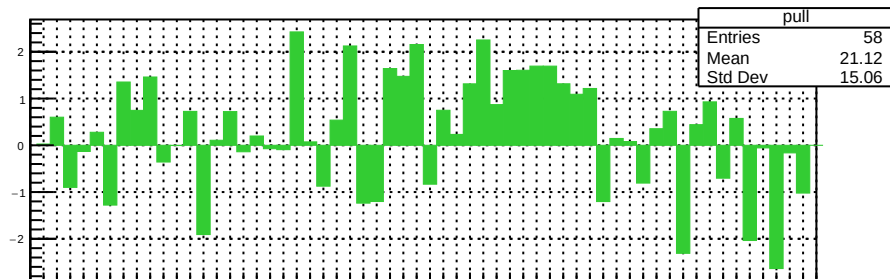
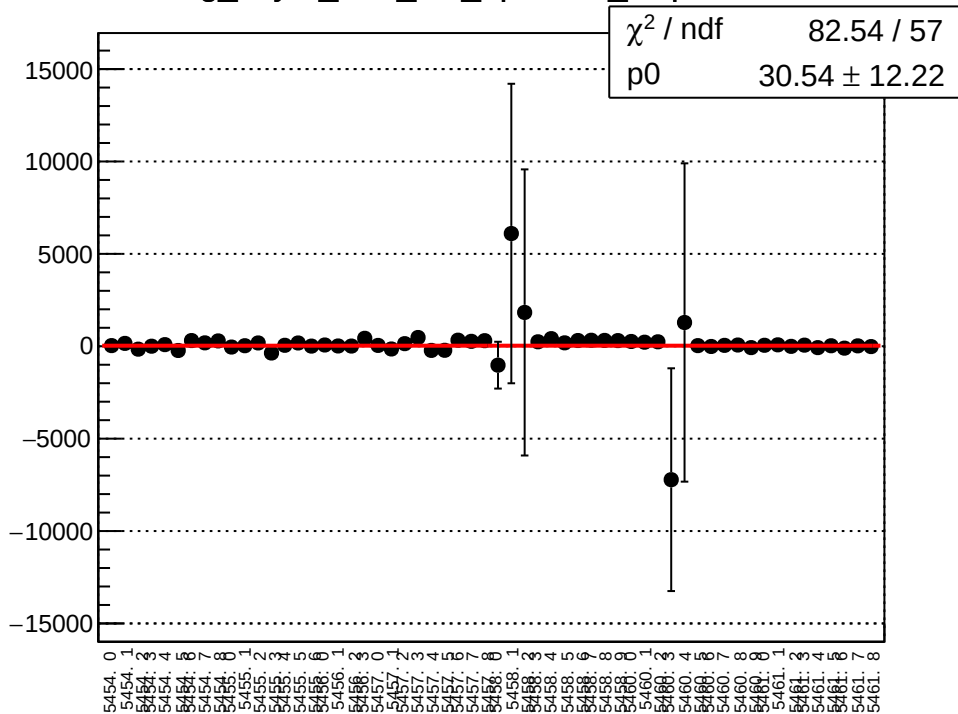
reg\_asym\_atr1\_diff\_bpm4aX\_slope vs run



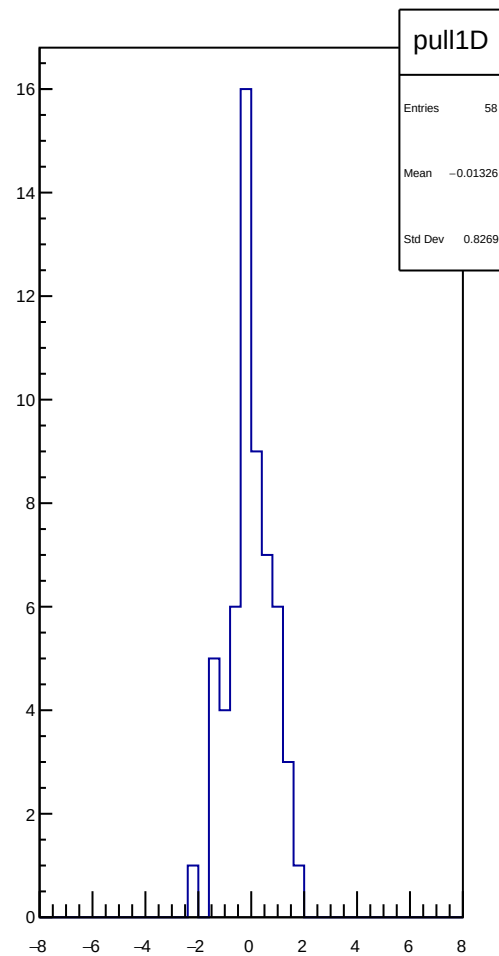
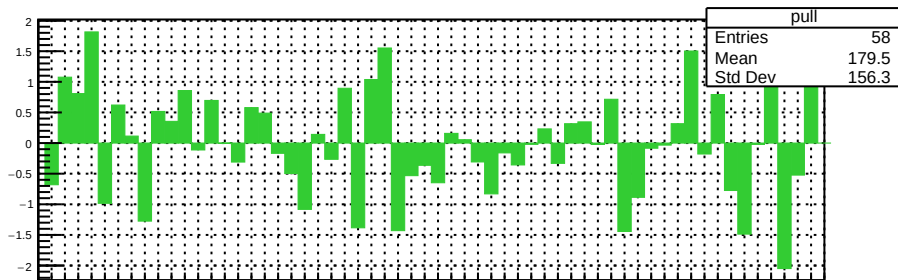
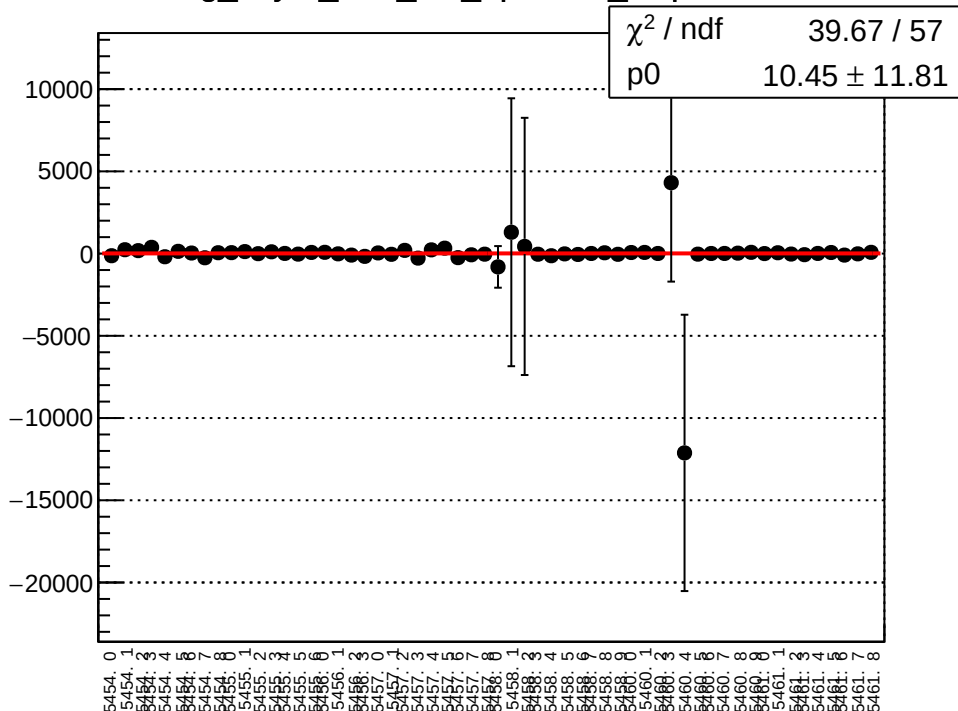
reg\_asym\_atr1\_diff\_bpm4aY\_slope vs run



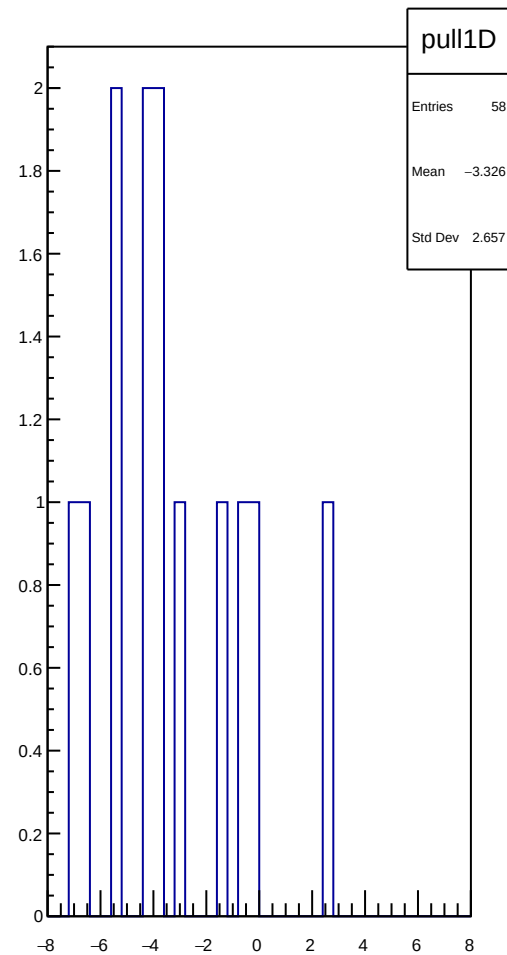
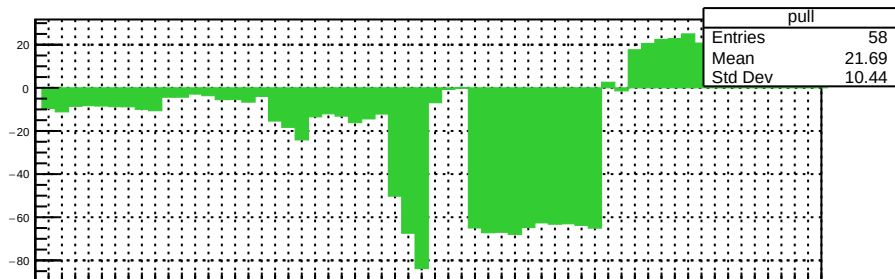
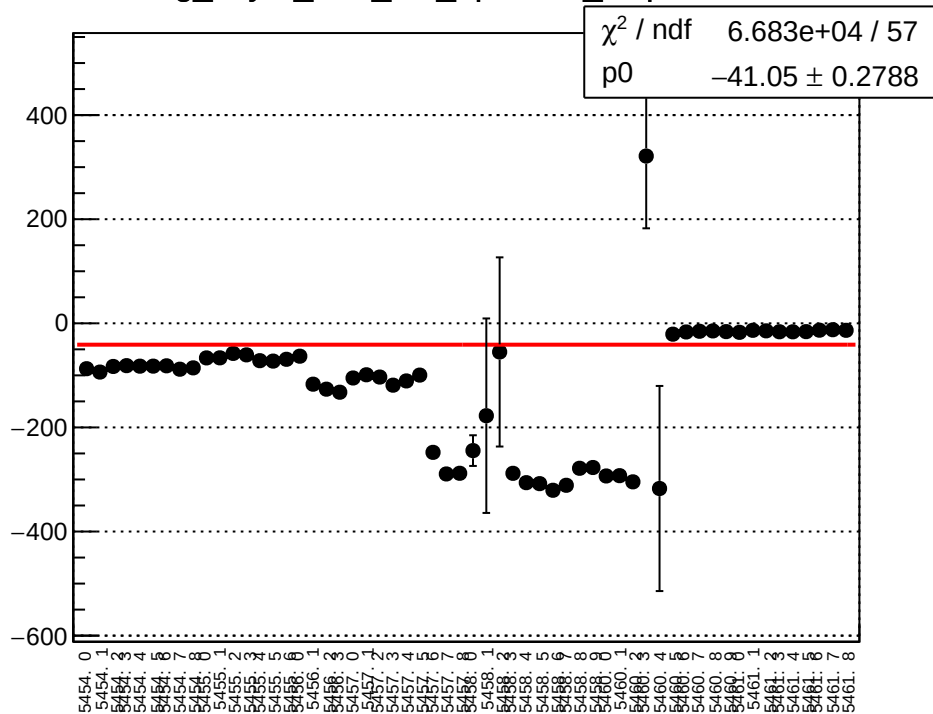
reg\_asym\_atr1\_diff\_bpm4eX\_slope vs run



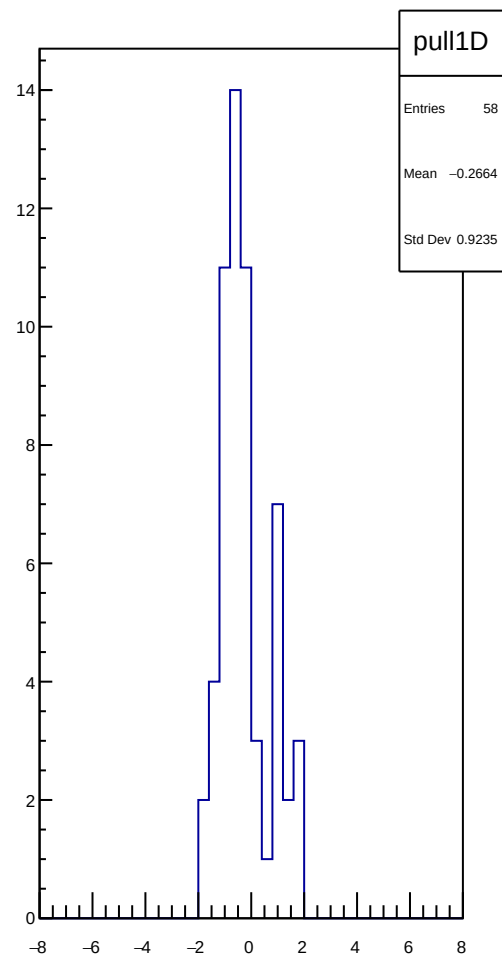
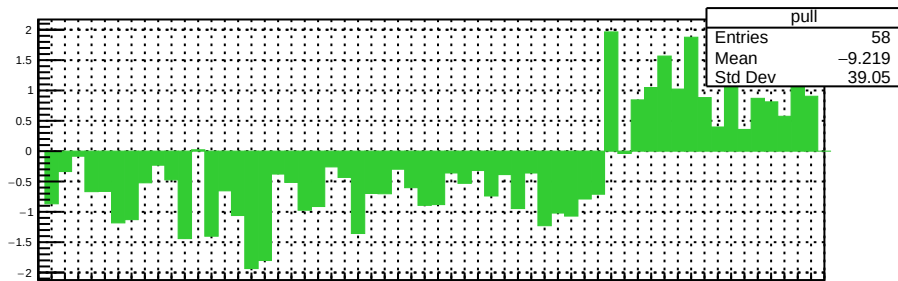
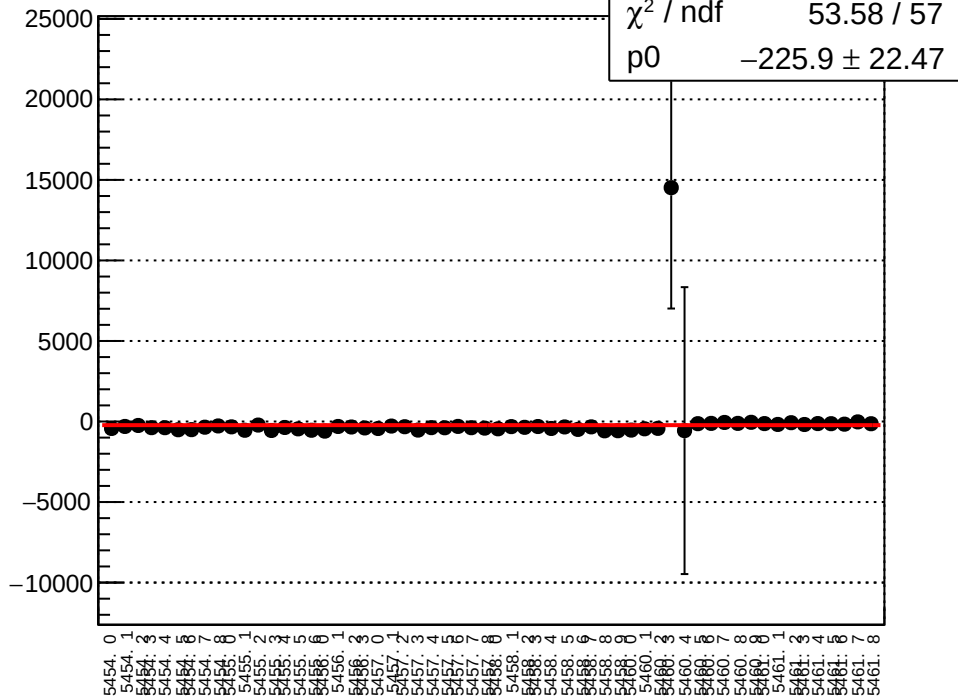
reg\_asym\_atr1\_diff\_bpm4eY\_slope vs run



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

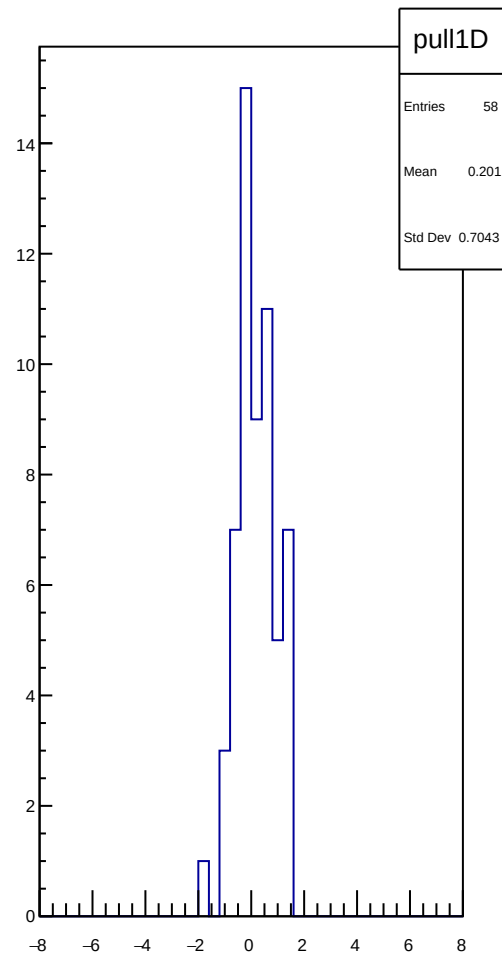
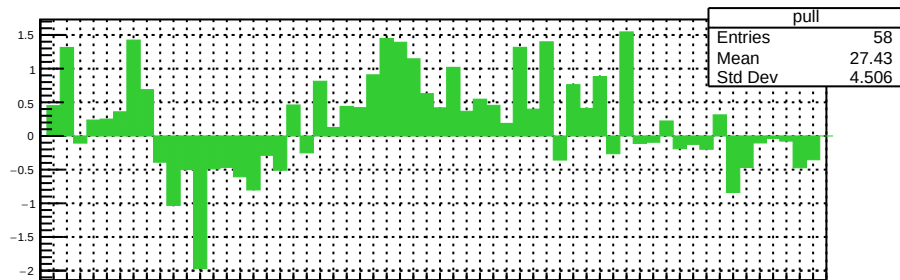
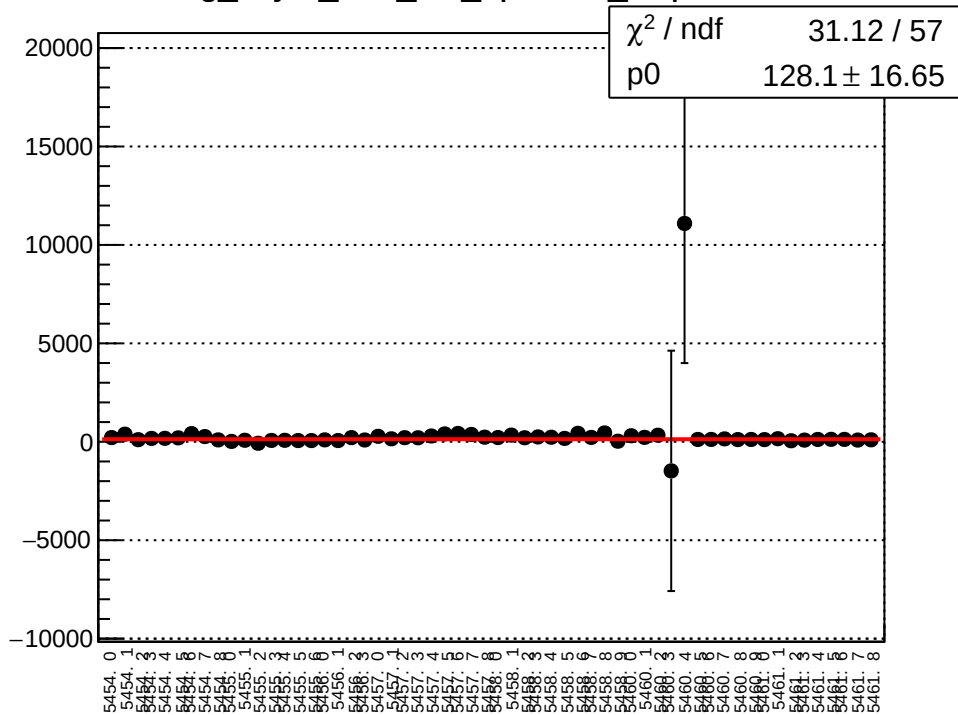


reg\_asym\_atr2\_diff\_bpm4aX\_slope vs run

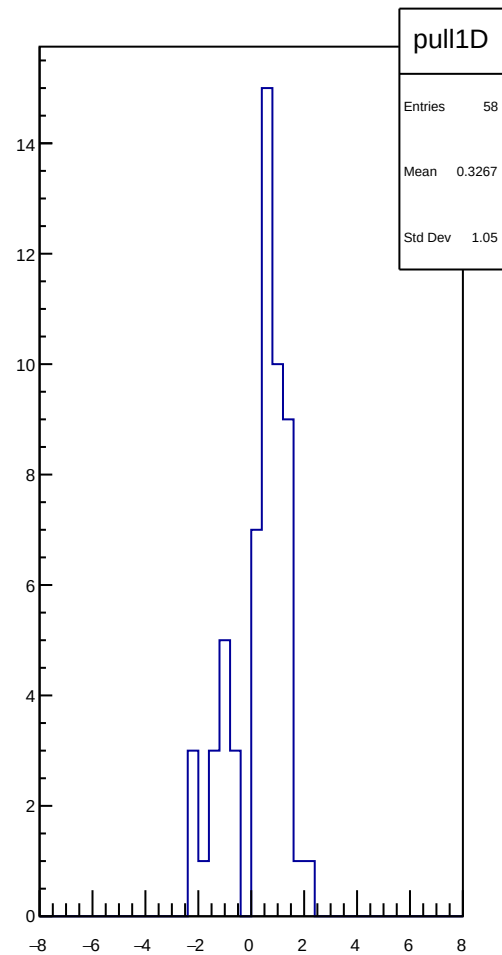
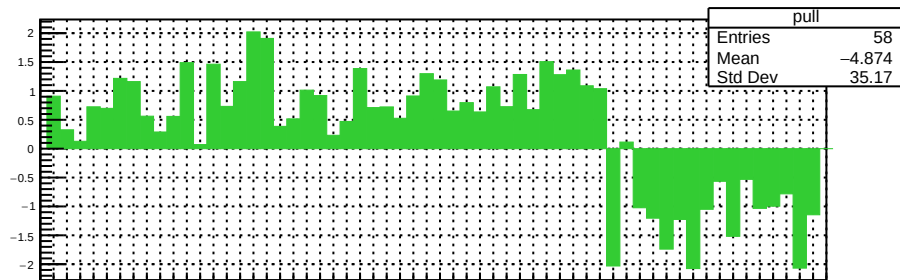
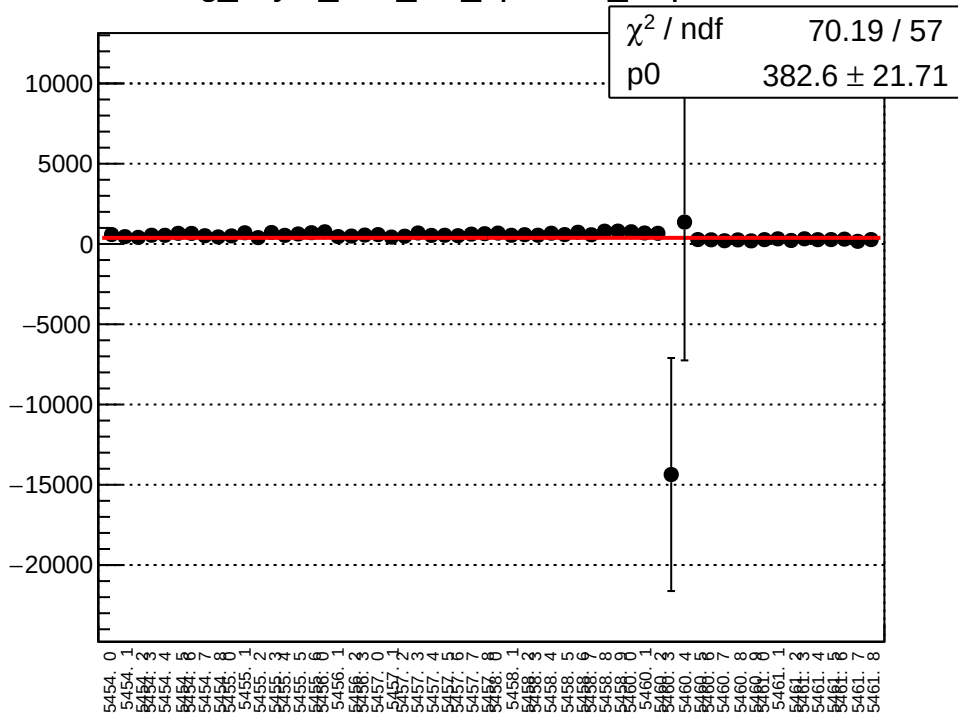




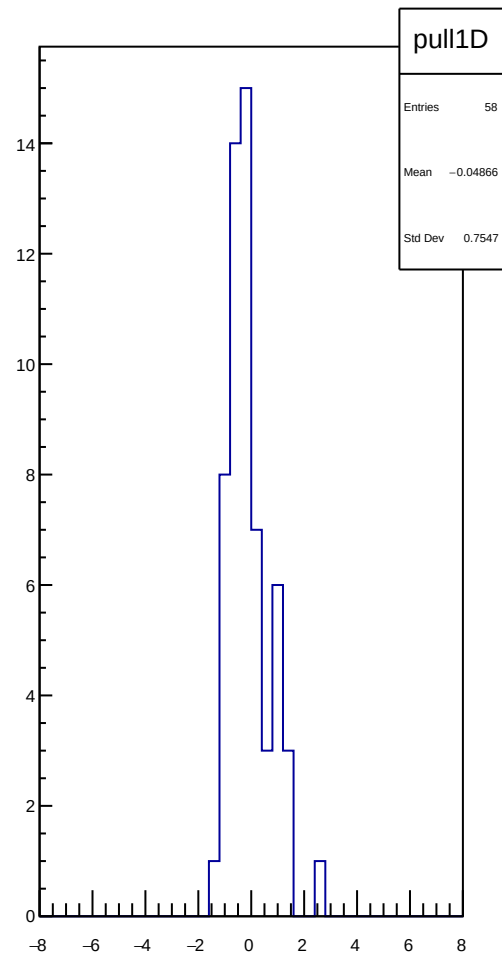
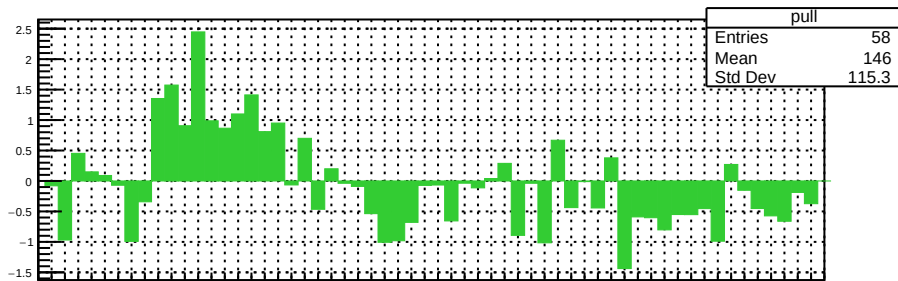
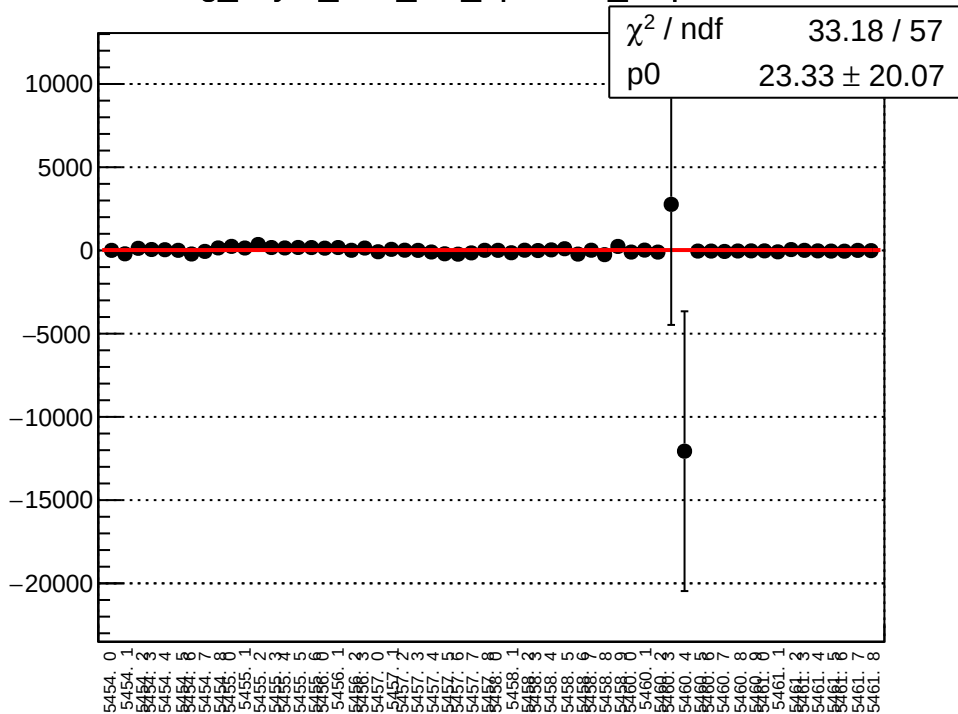
reg\_asym\_atr2\_diff\_bpm4aY\_slope vs run



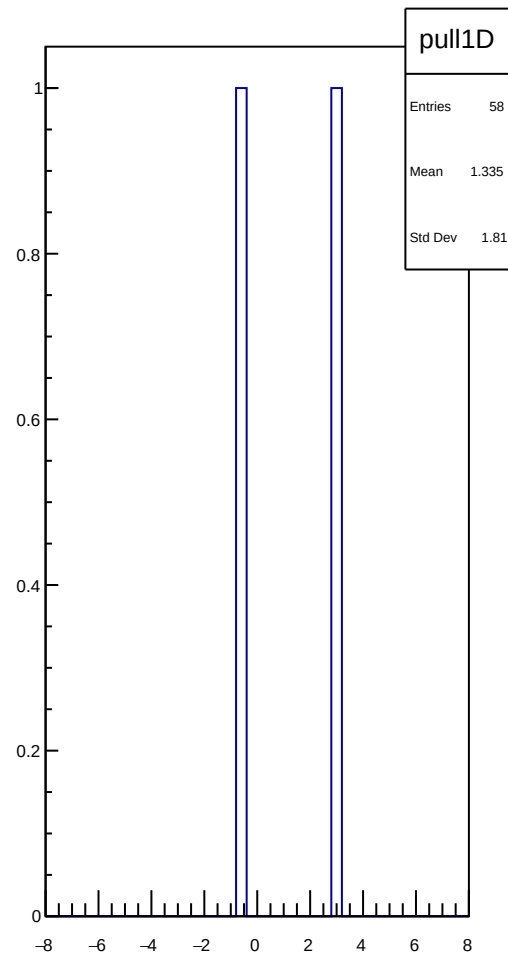
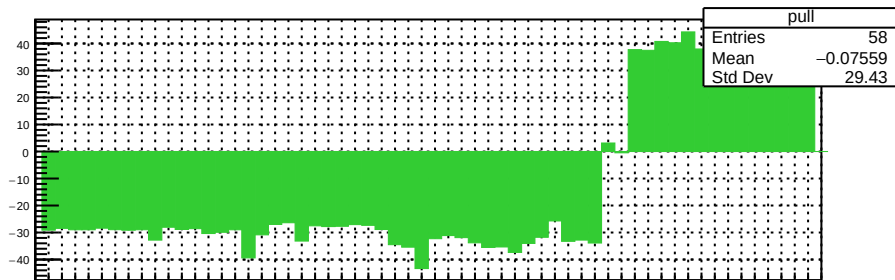
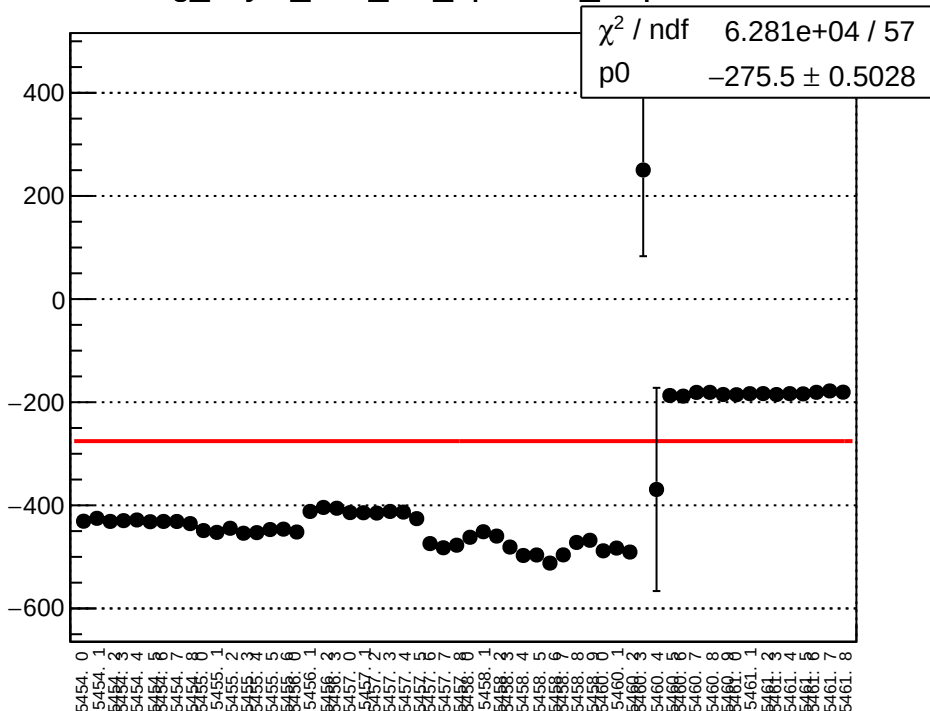
reg\_asym\_atr2\_diff\_bpm4eX\_slope vs run



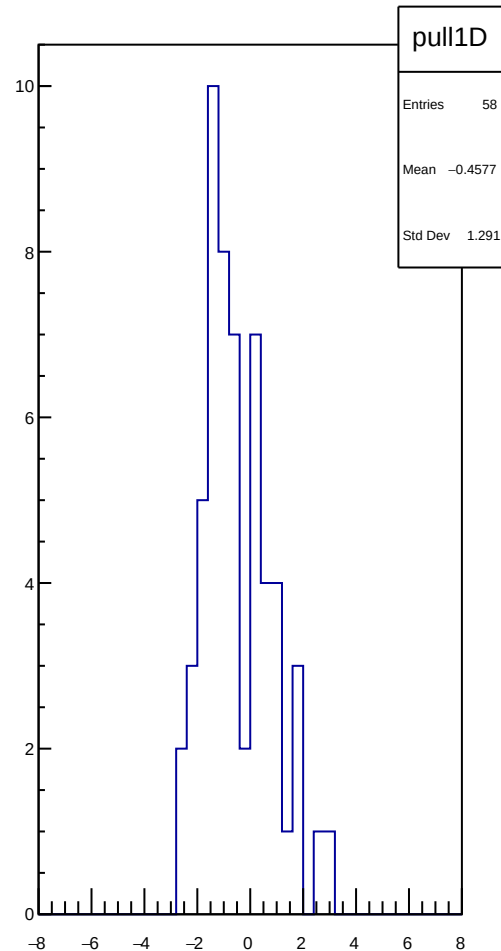
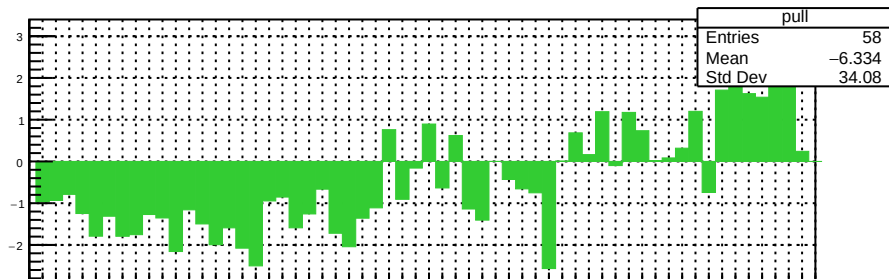
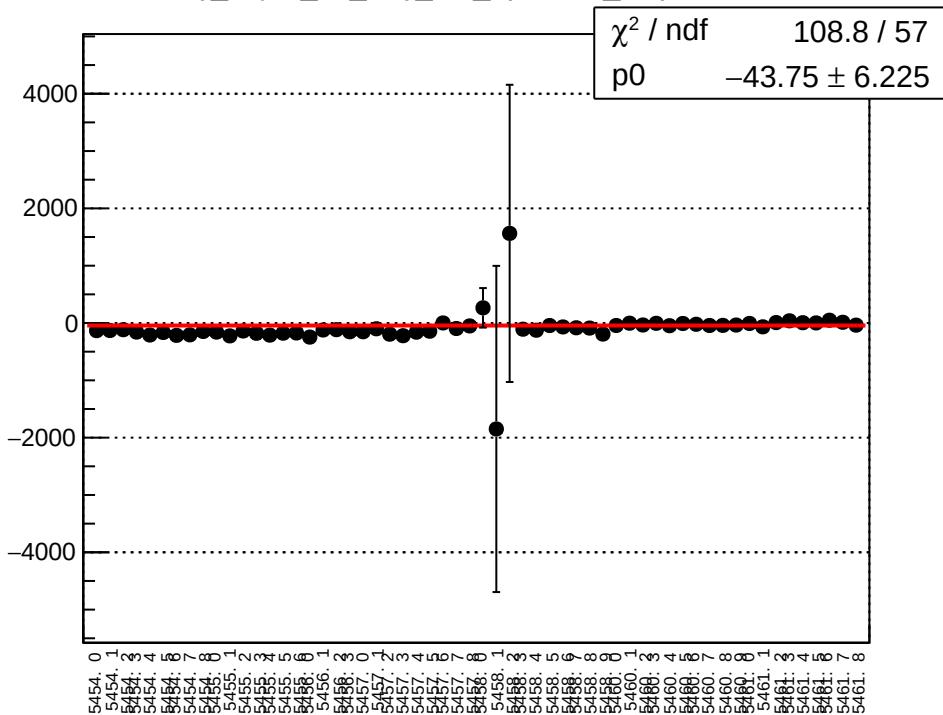
reg\_asym\_atr2\_diff\_bpm4eY\_slope vs run



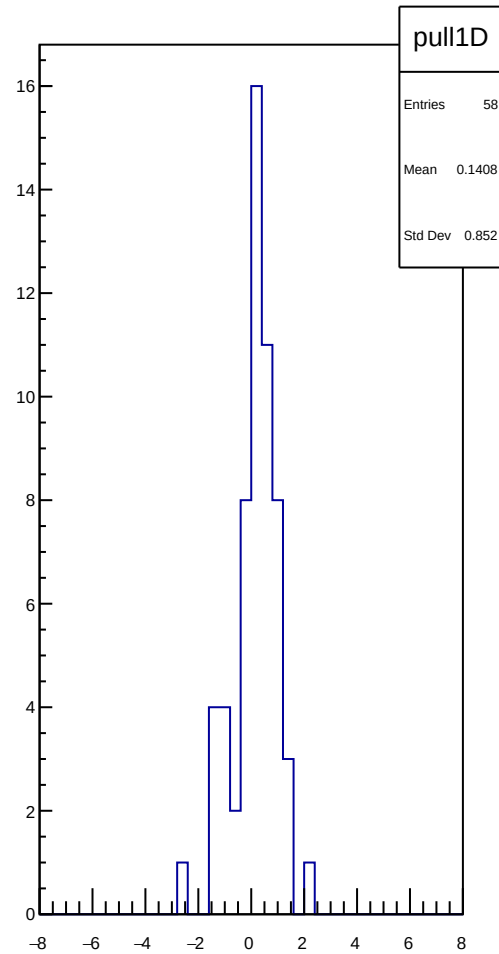
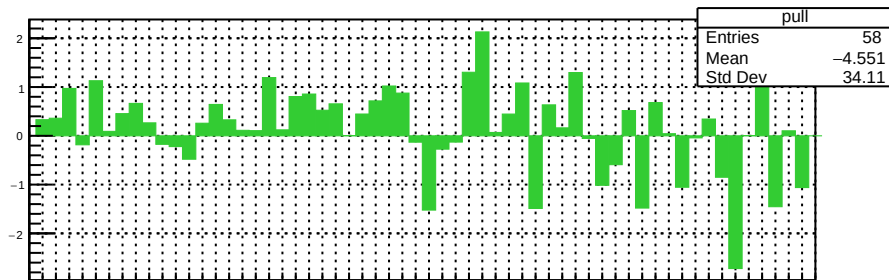
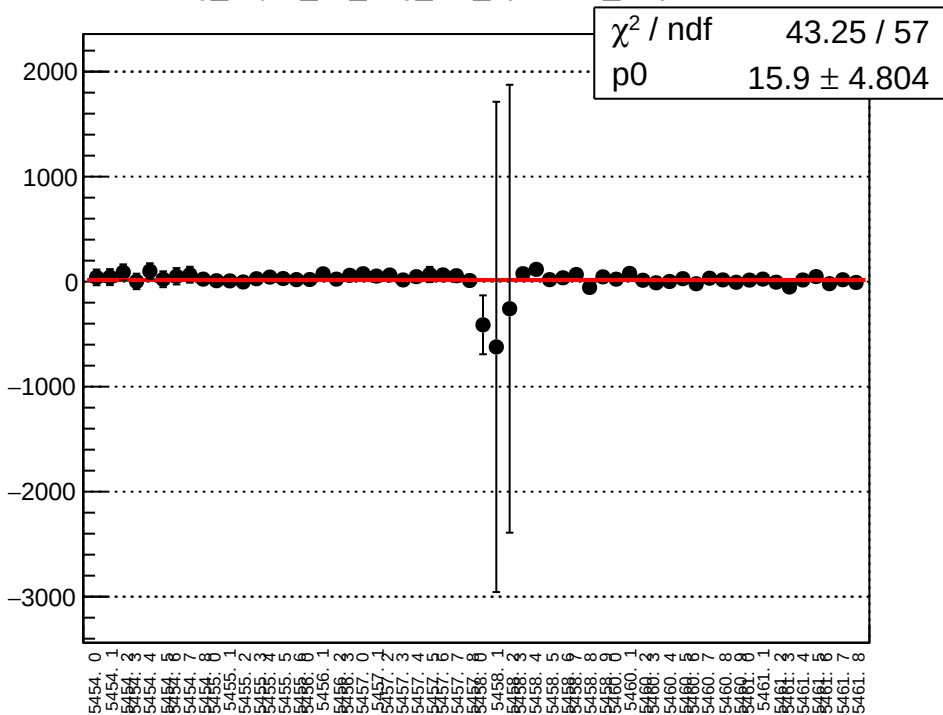
# reg\_asym\_atr2\_diff\_bpm12X\_slope vs run



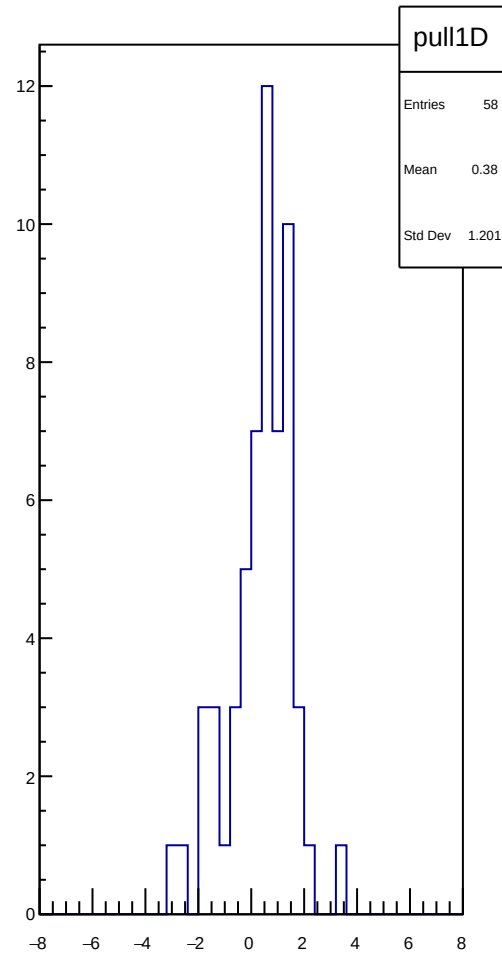
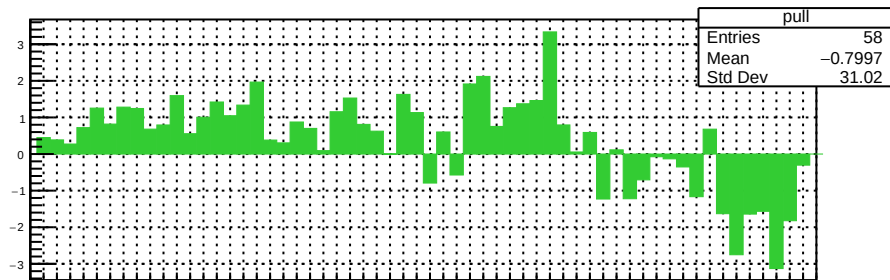
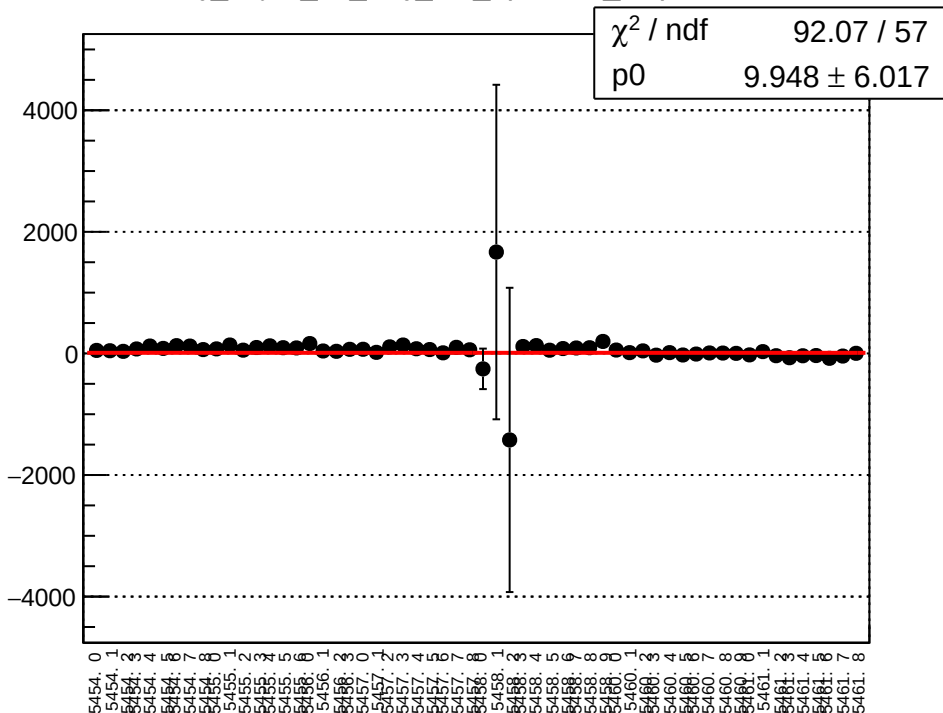
reg\_asym\_atl\_avg\_diff\_bpm4aX\_slope vs run



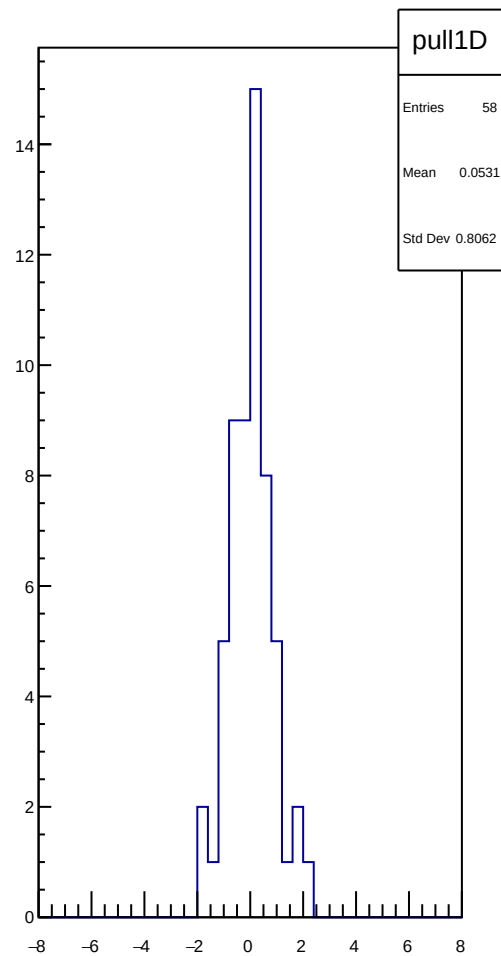
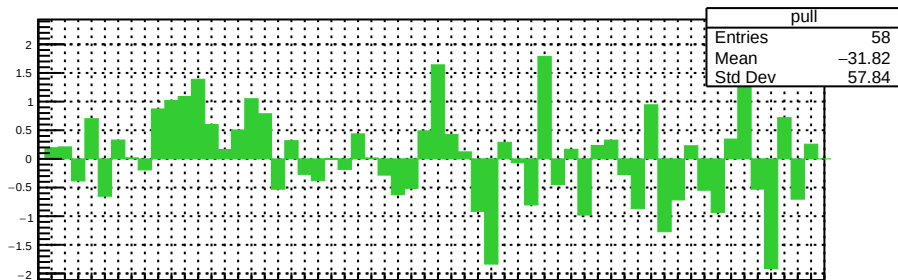
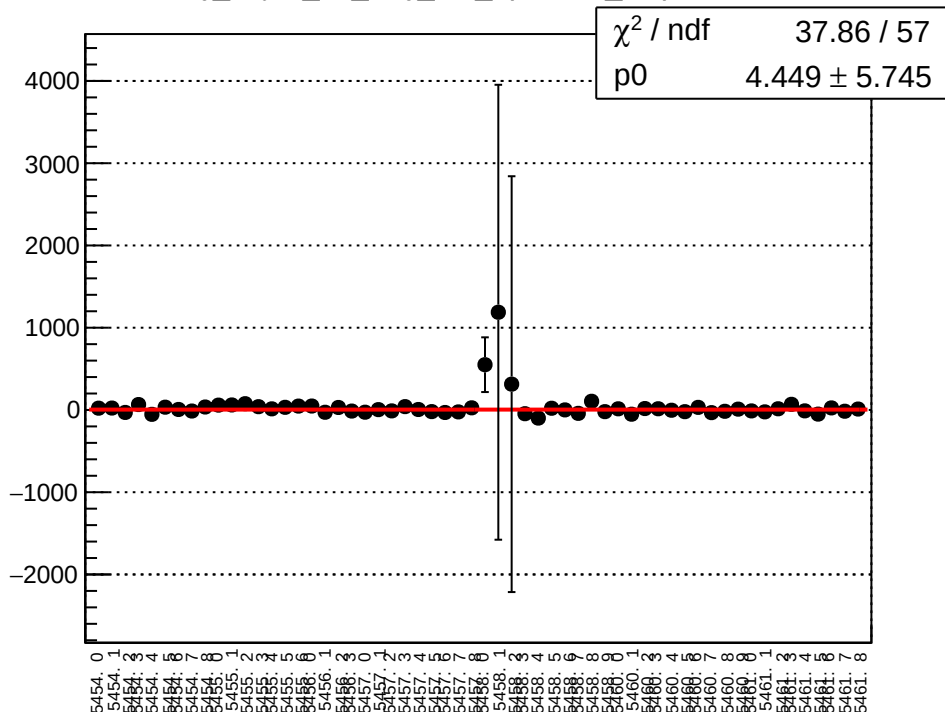
reg\_asym\_atl\_avg\_diff\_bpm4aY\_slope vs run



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

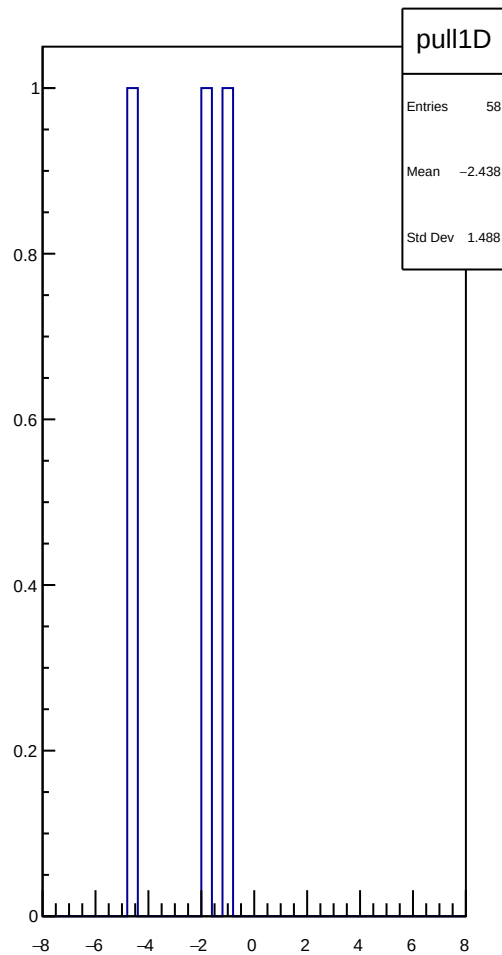
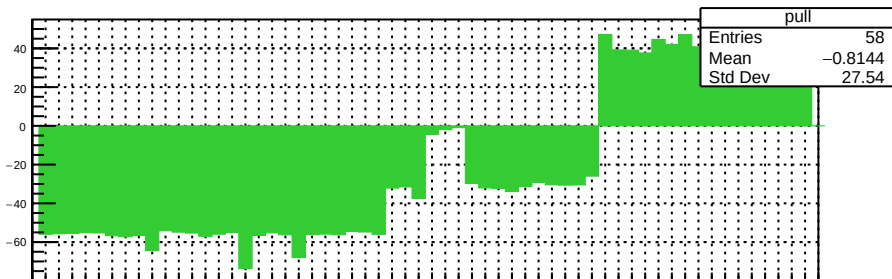
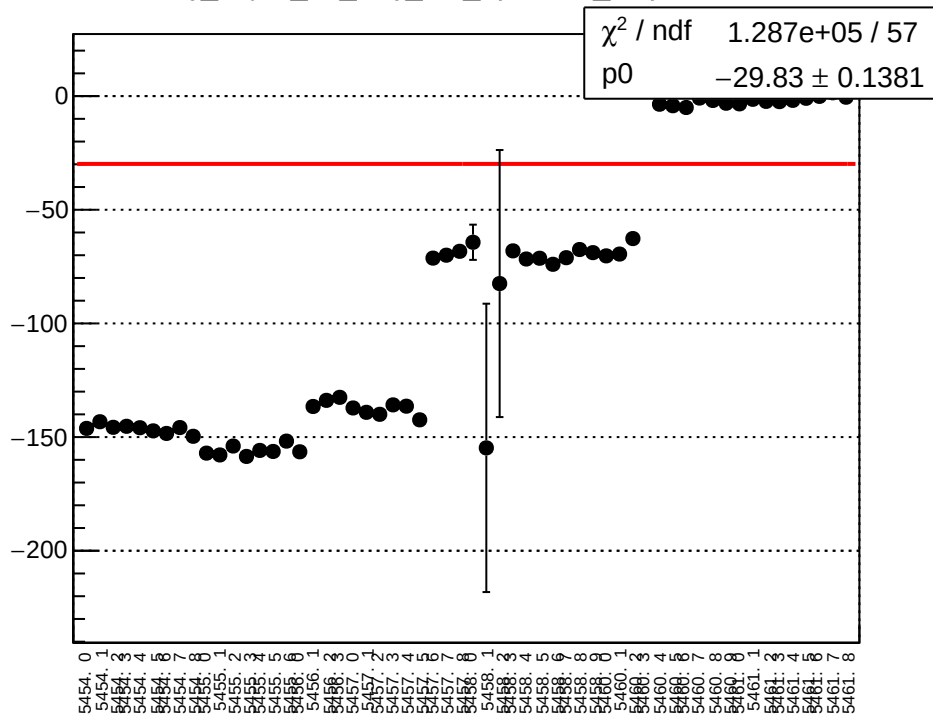


reg\_asym\_atl\_avg\_diff\_bpm4eY\_slope vs run

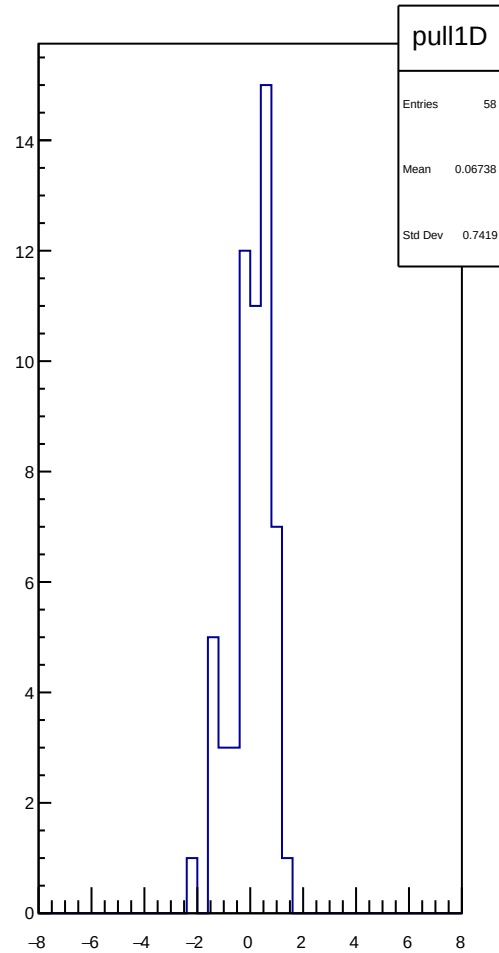
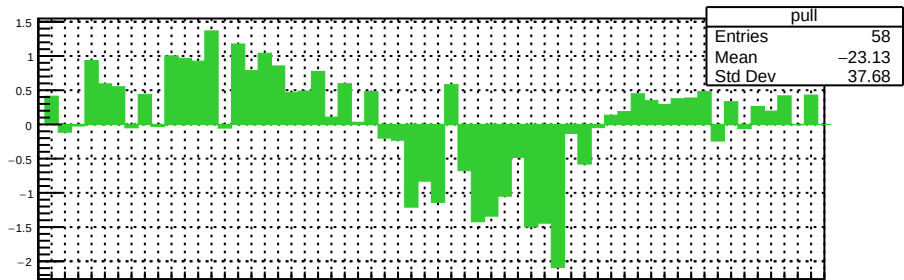
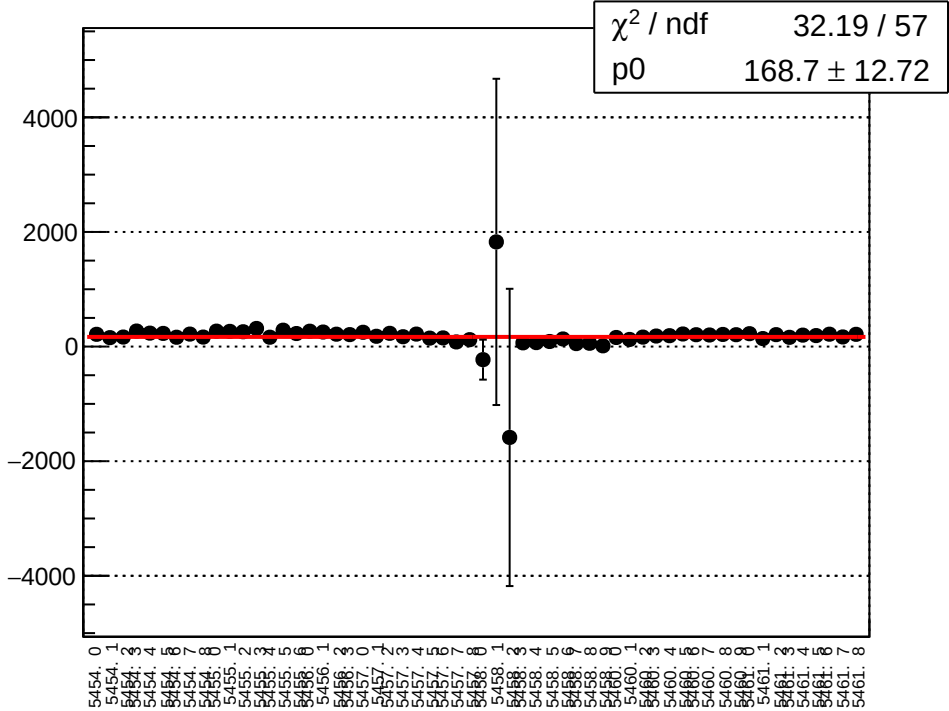




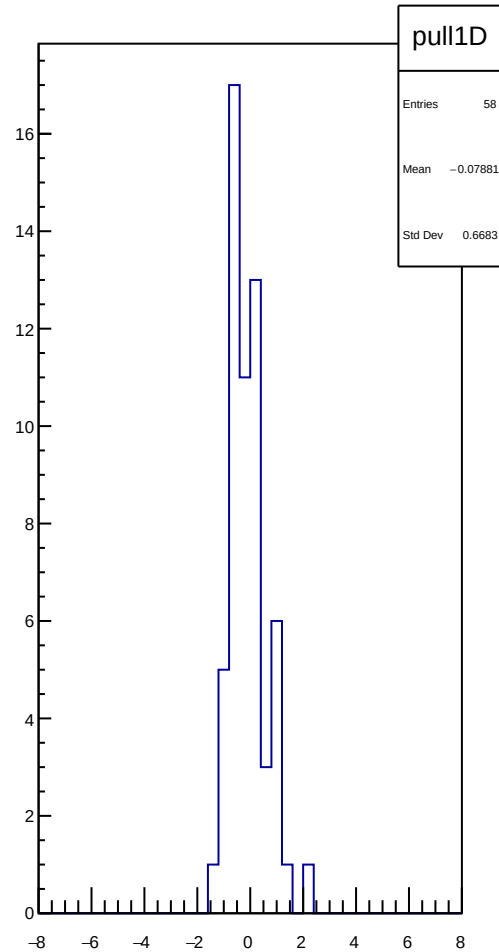
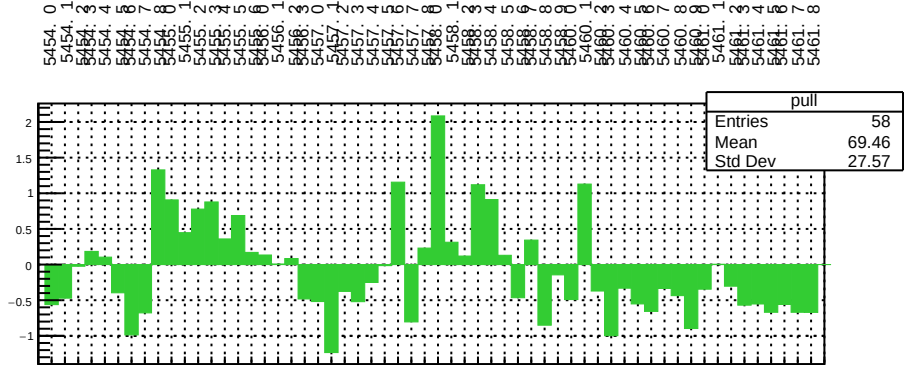
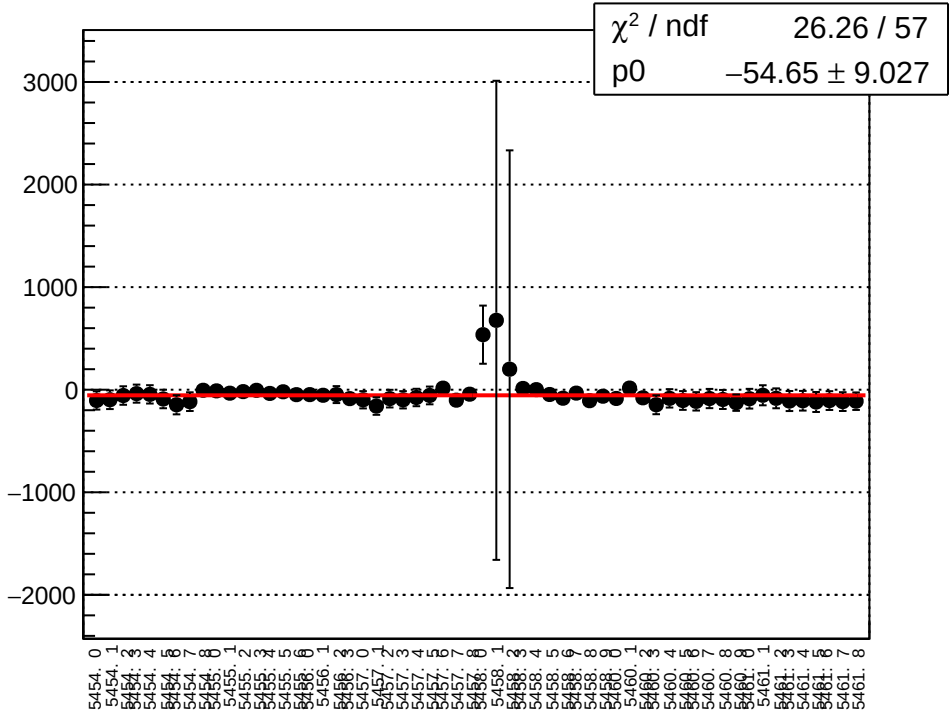
reg\_asym\_atl\_avg\_diff\_bpm12X\_slope vs run



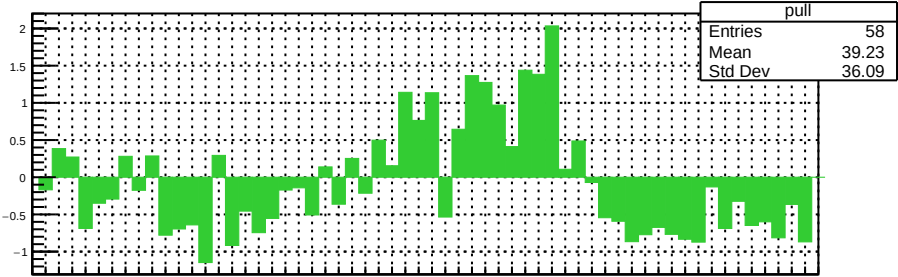
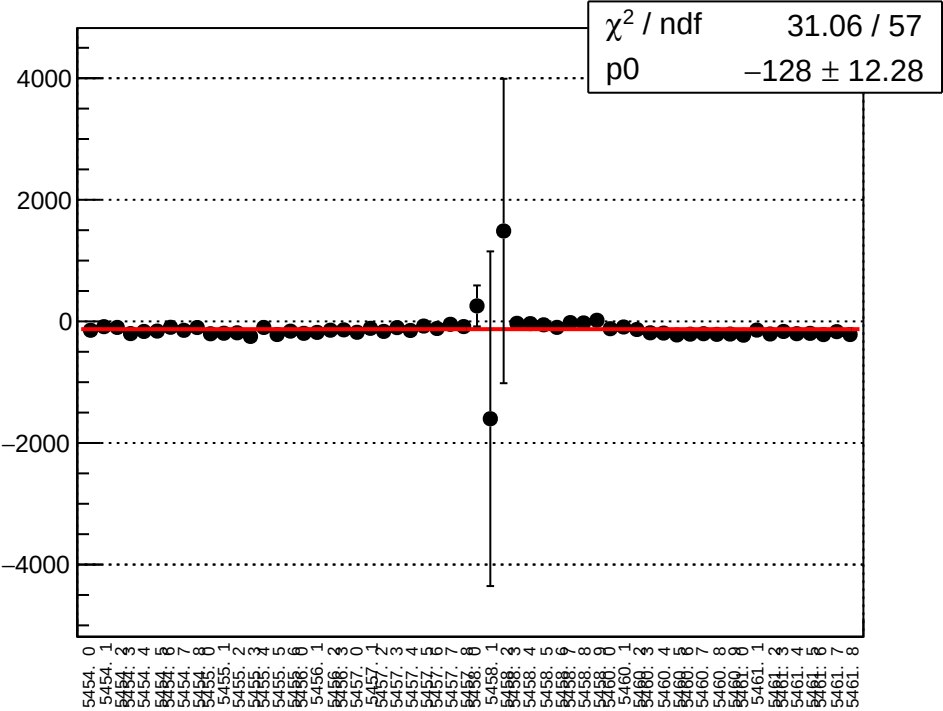
reg\_asym\_atl\_dd\_diff\_bpm4aX\_slope vs run



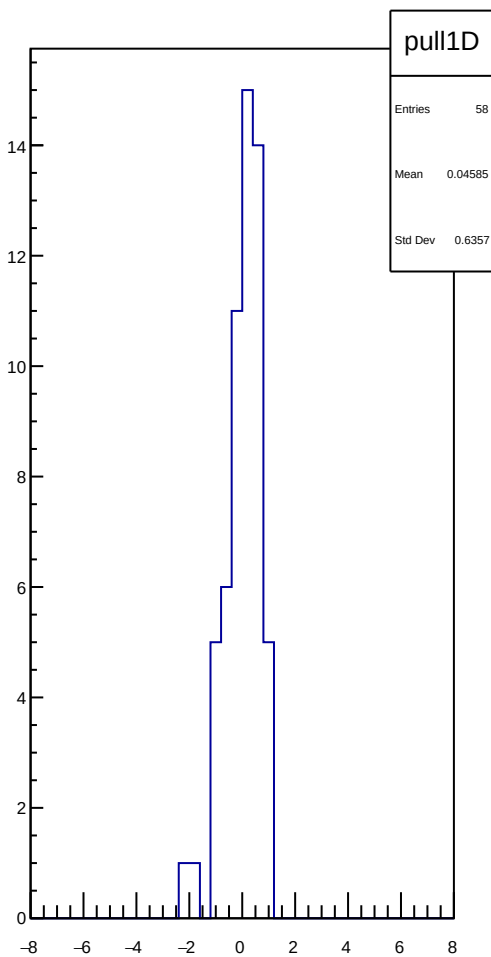
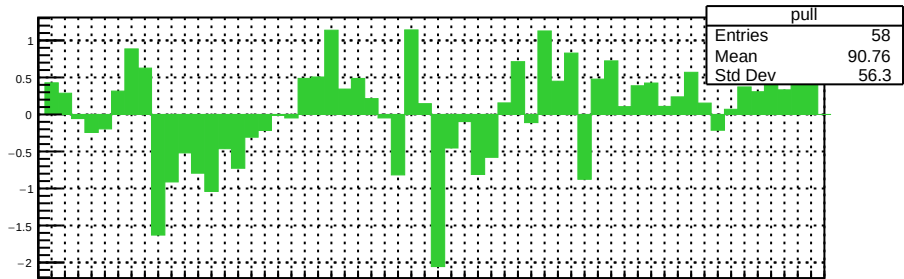
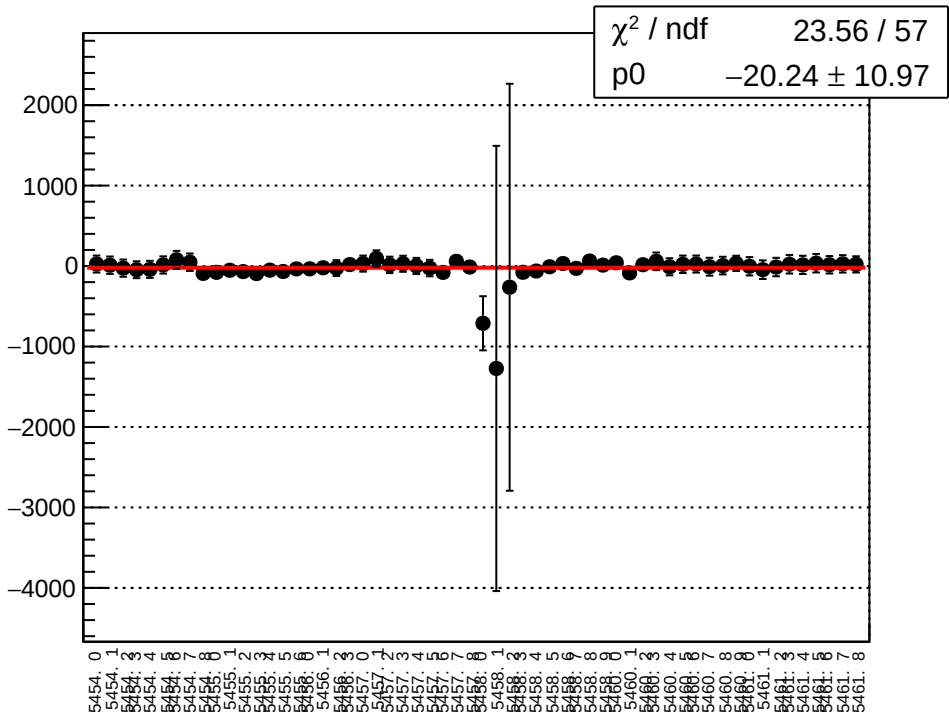
reg\_asym\_atl\_dd\_diff\_bpm4aY\_slope vs run



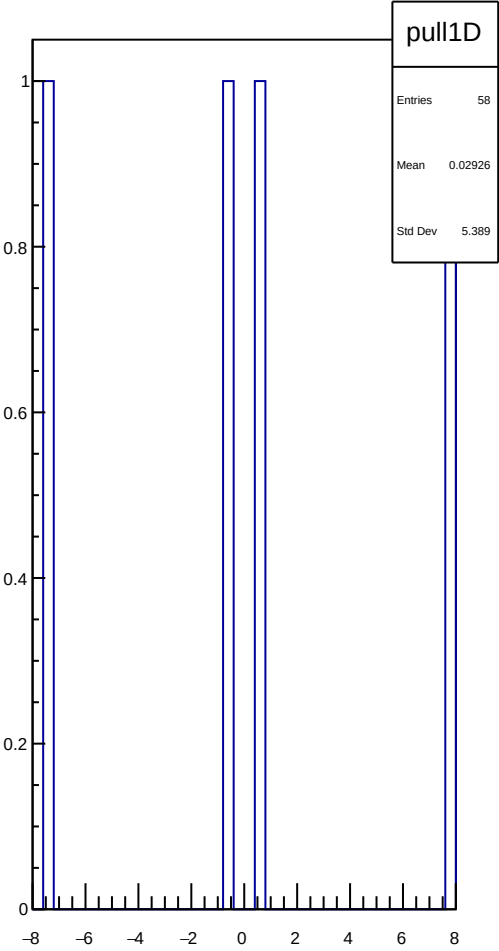
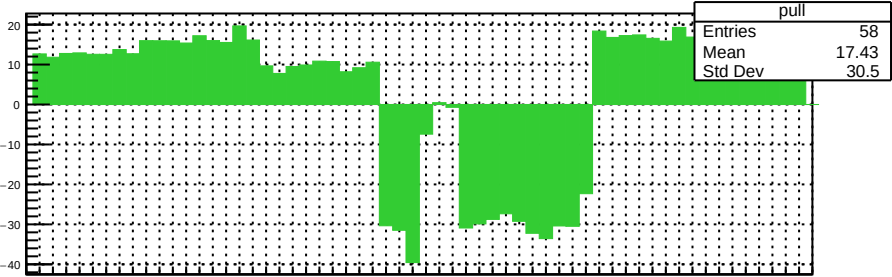
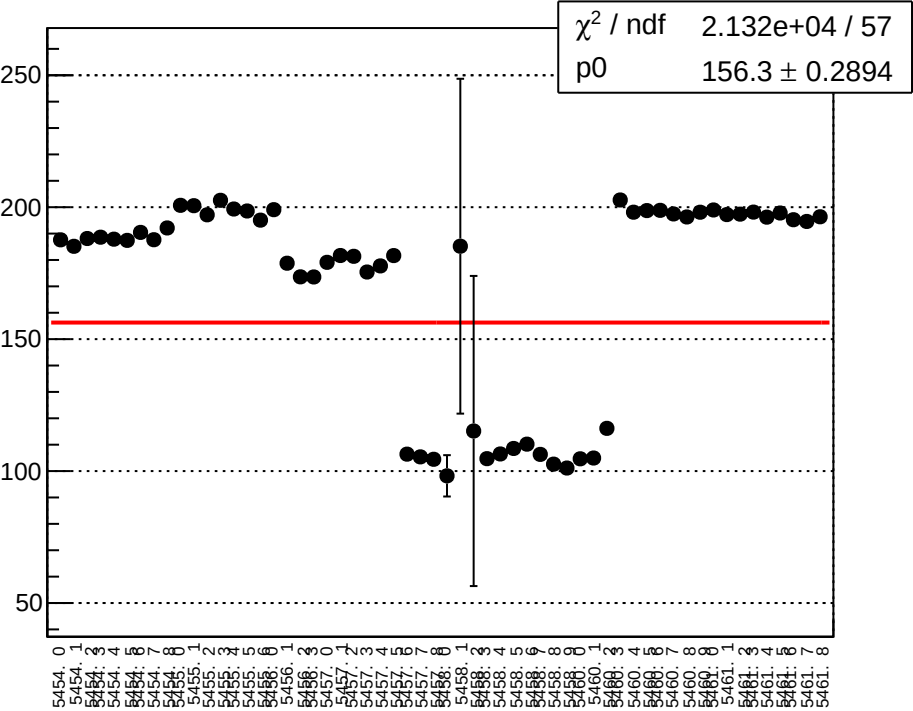
reg\_asym\_atl\_dd\_diff\_bpm4eX\_slope vs run



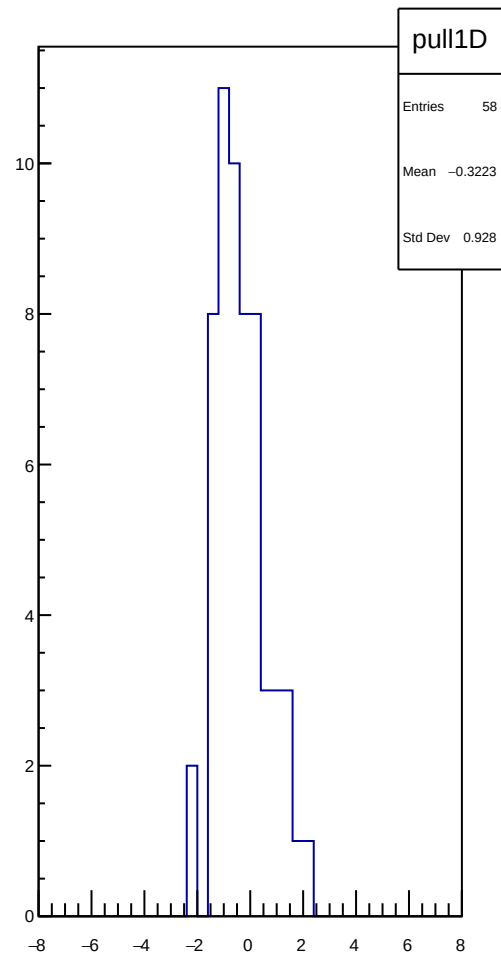
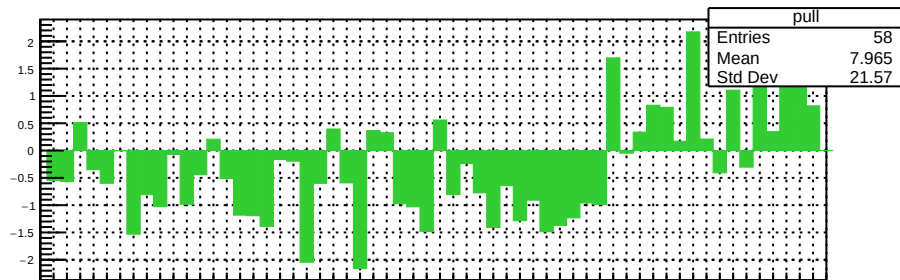
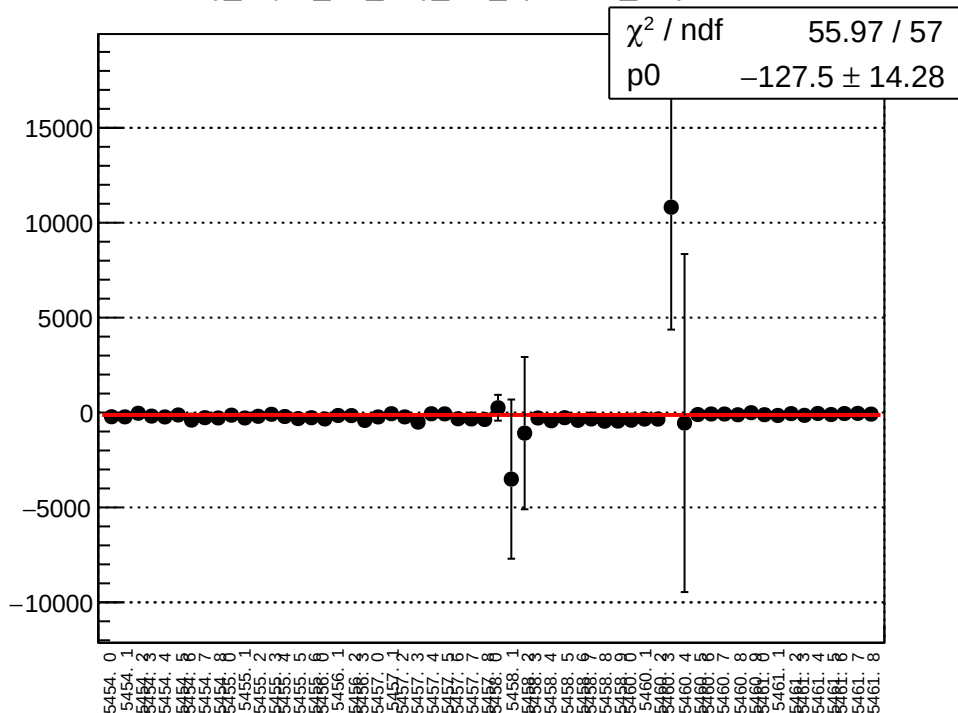
reg\_asym\_atl\_dd\_diff\_bpm4eY\_slope vs run



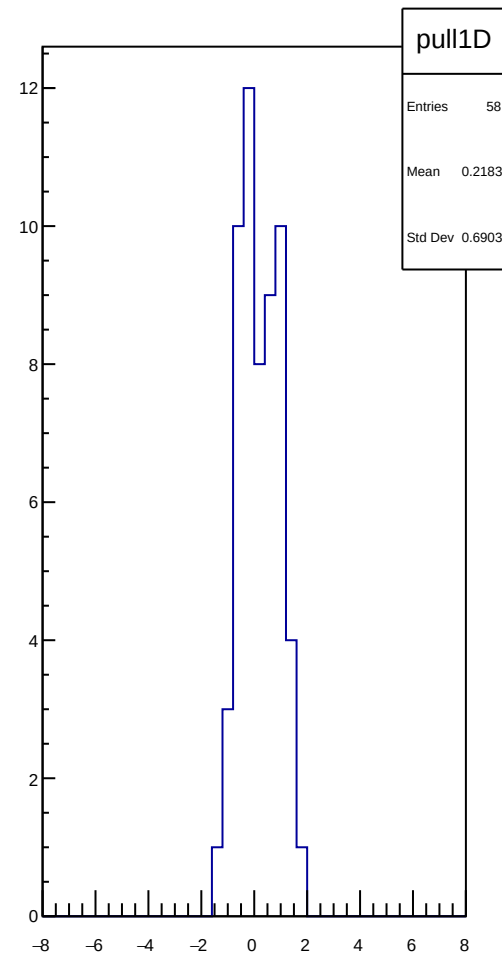
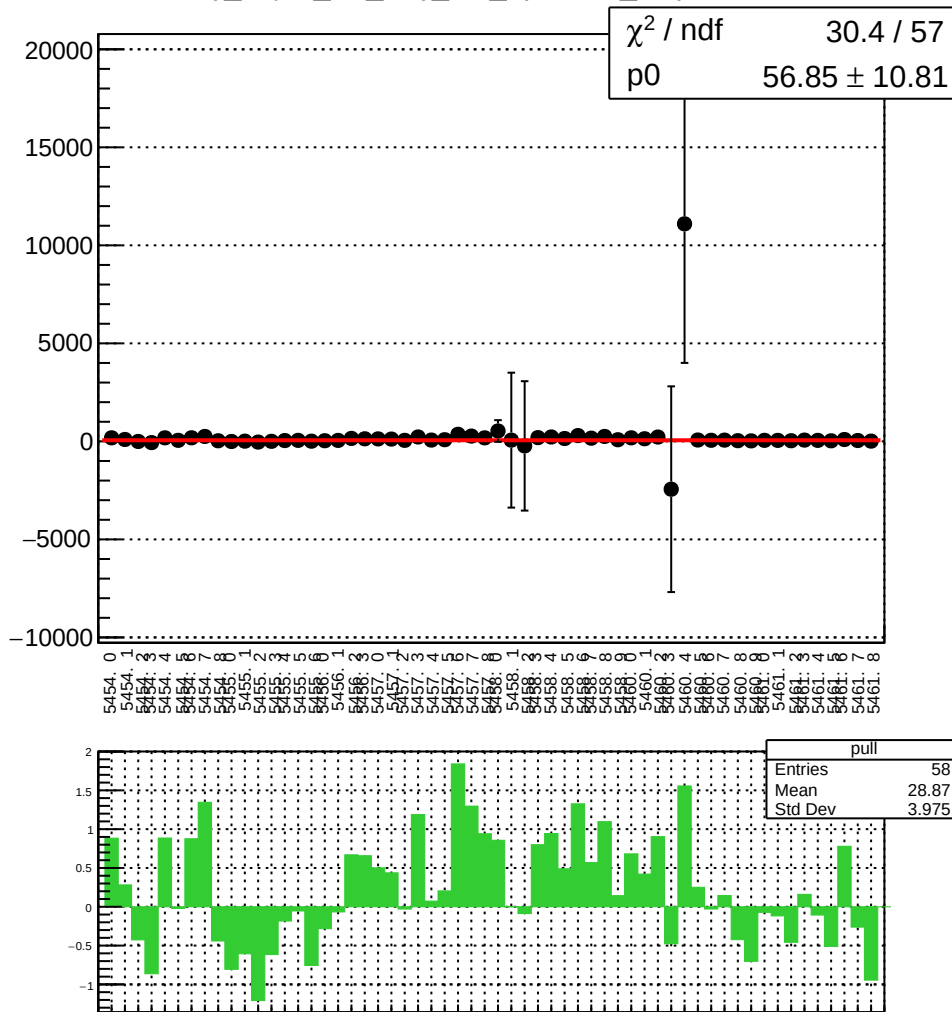
reg\_asym\_atl\_dd\_diff\_bpm12X\_slope vs run



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

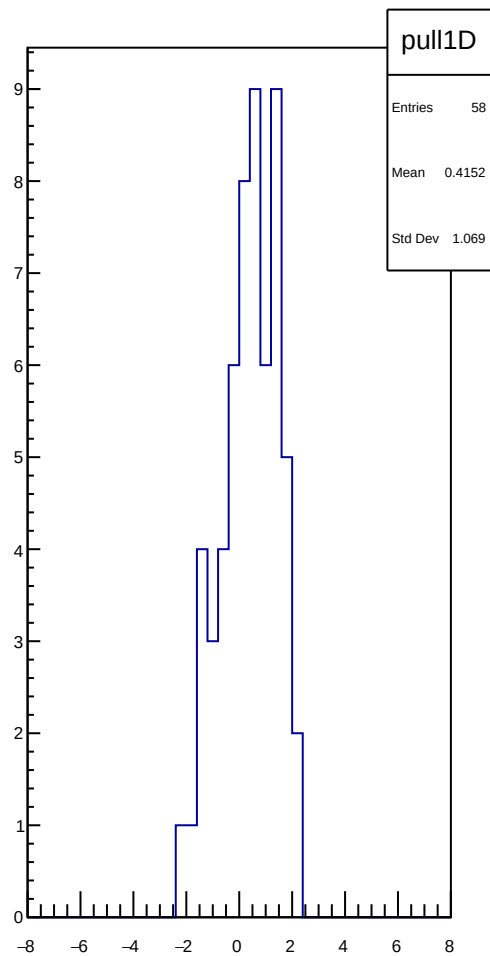
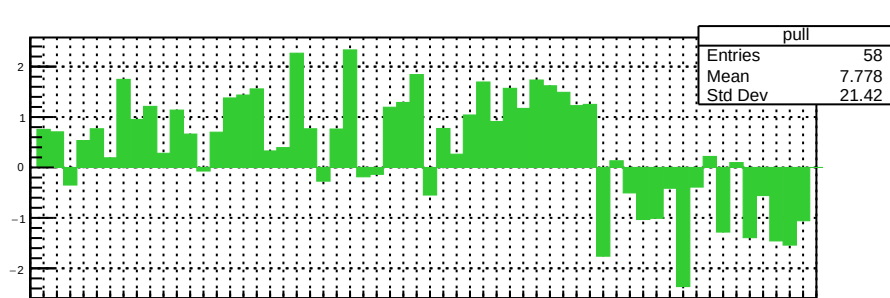
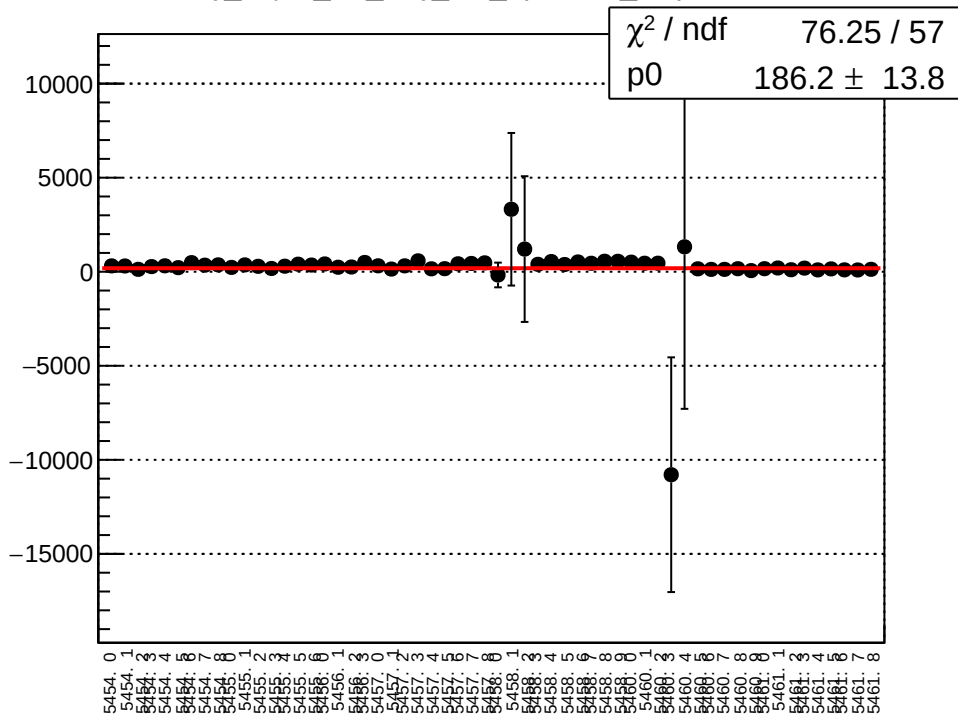


reg\_asym\_atr\_avg\_diff\_bpm4aY\_slope vs run

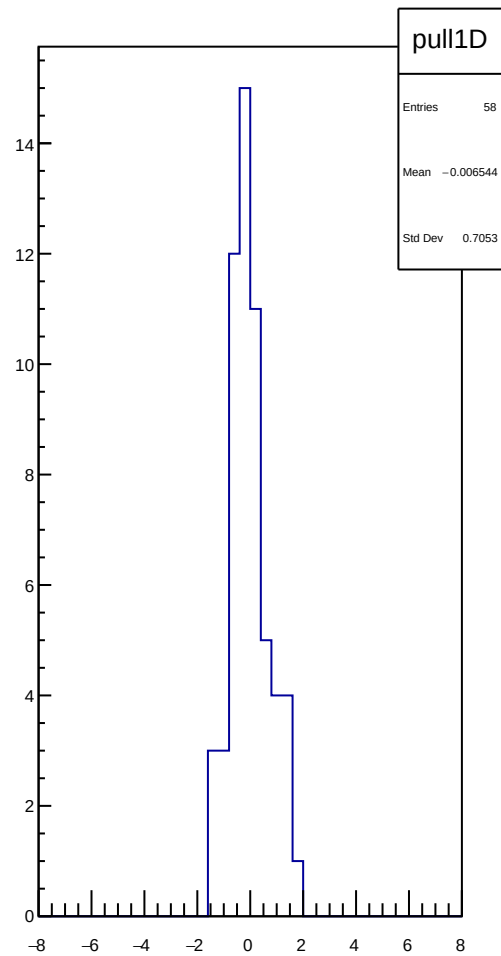
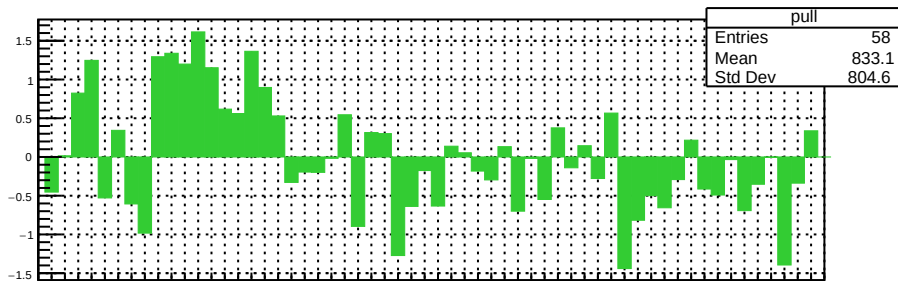
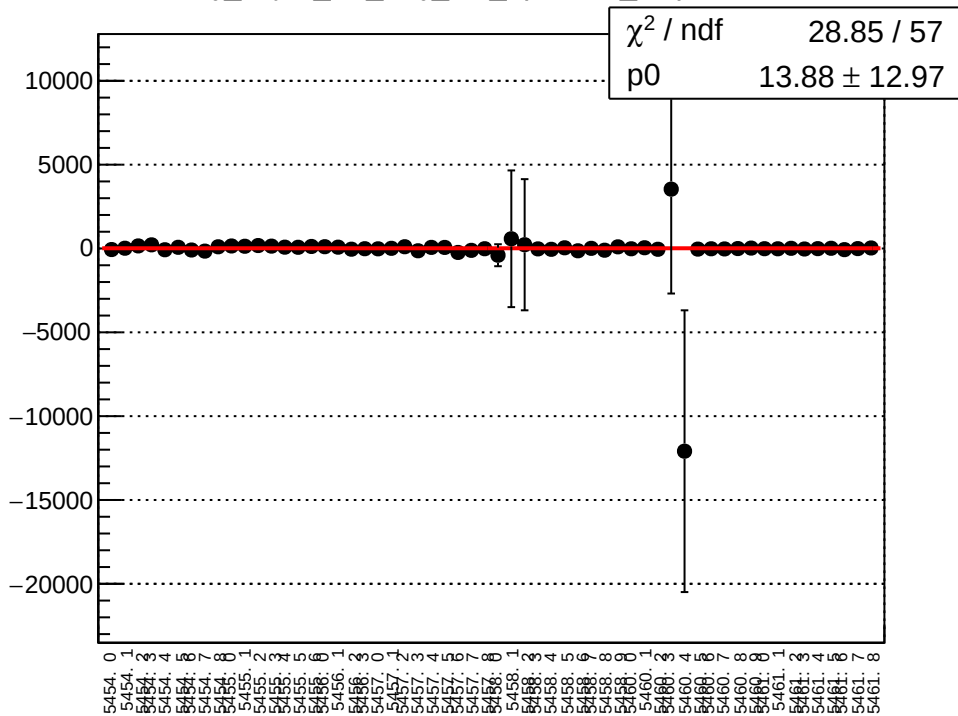




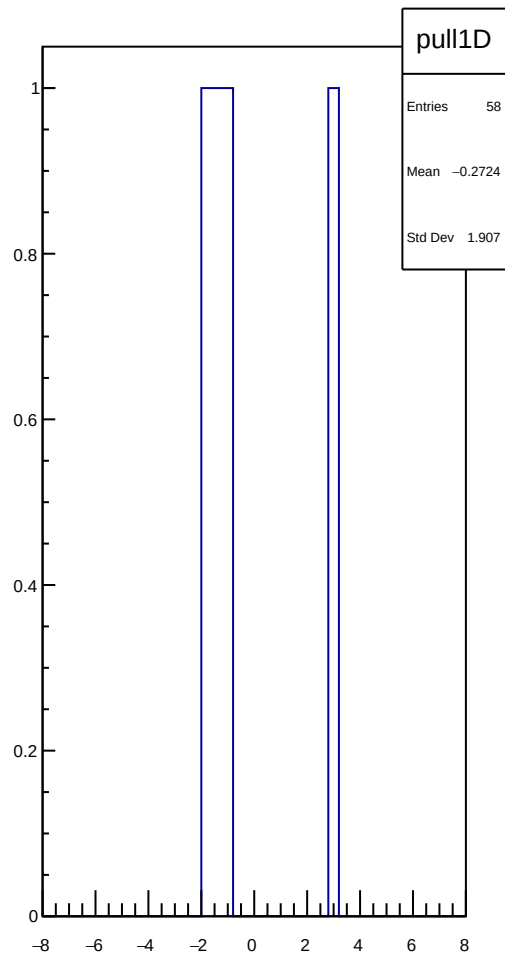
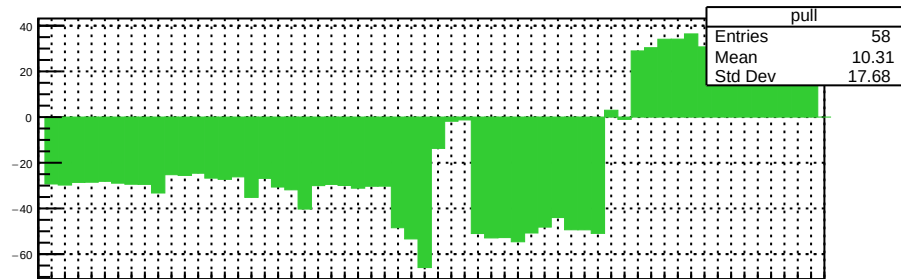
reg\_asym\_atr\_avg\_diff\_bpm4eX\_slope vs run



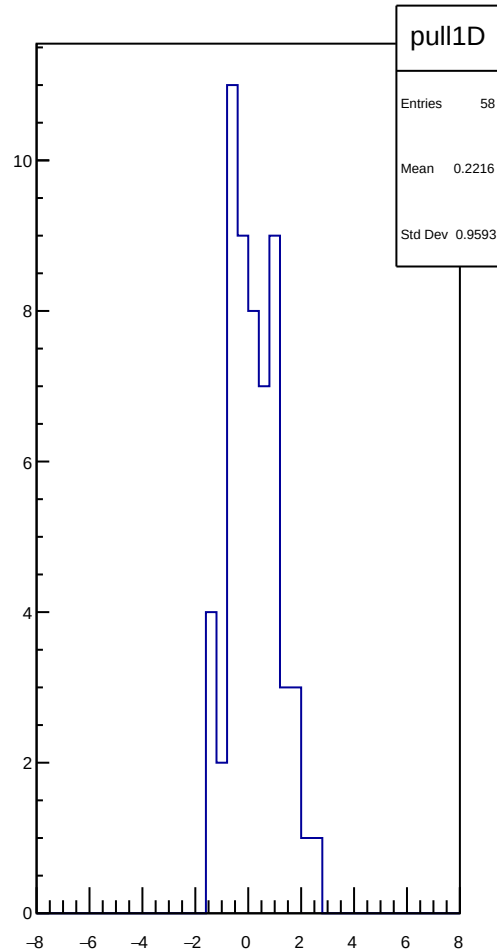
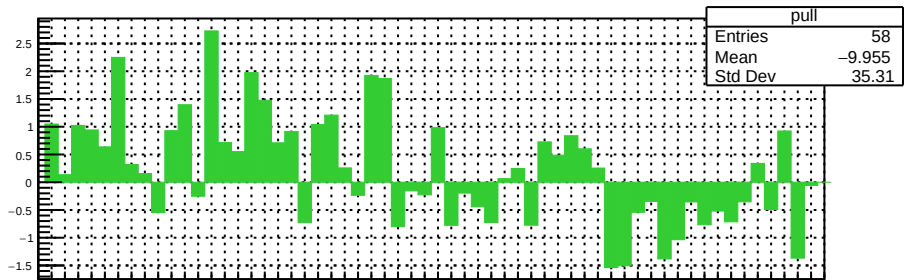
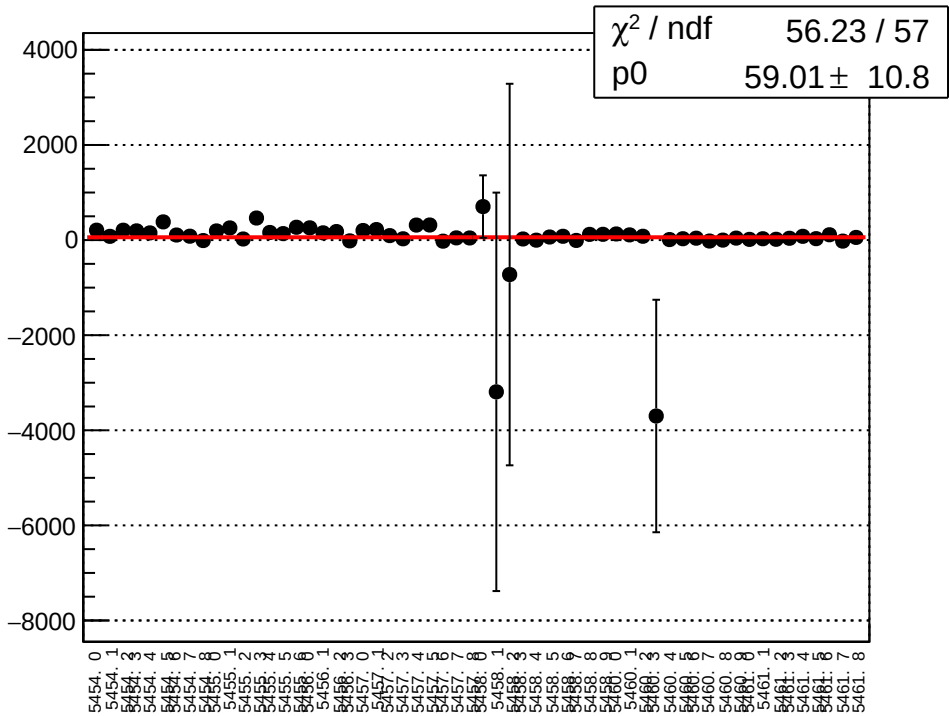
reg\_asym\_atr\_avg\_diff\_bpm4eY\_slope vs run



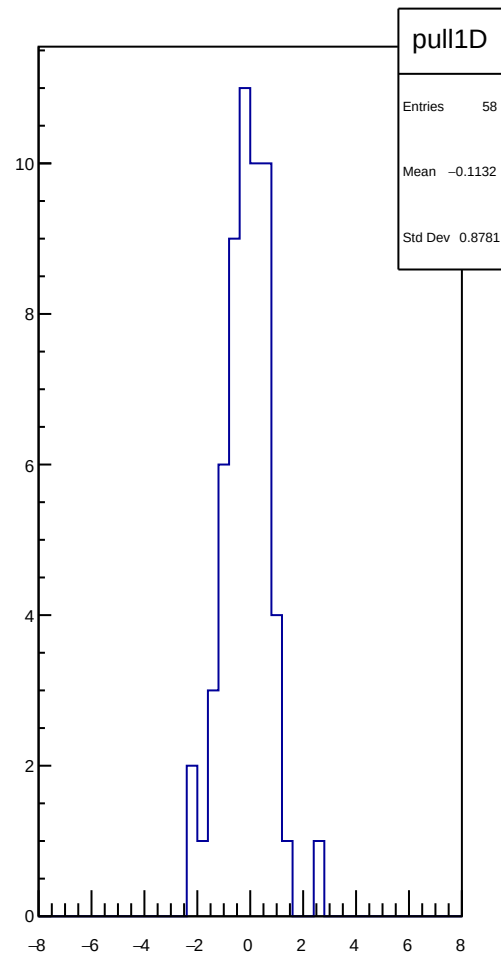
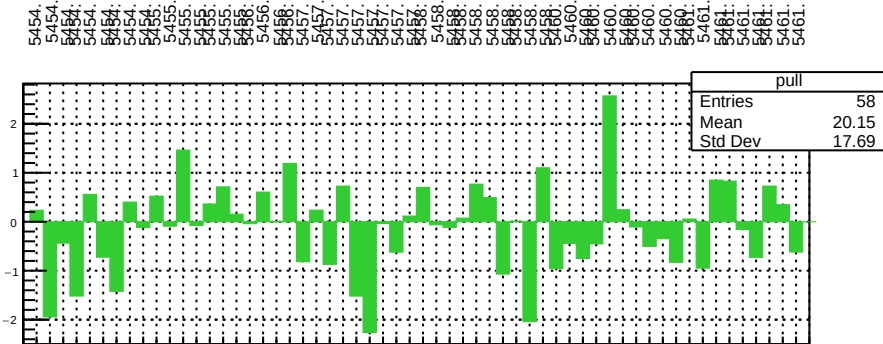
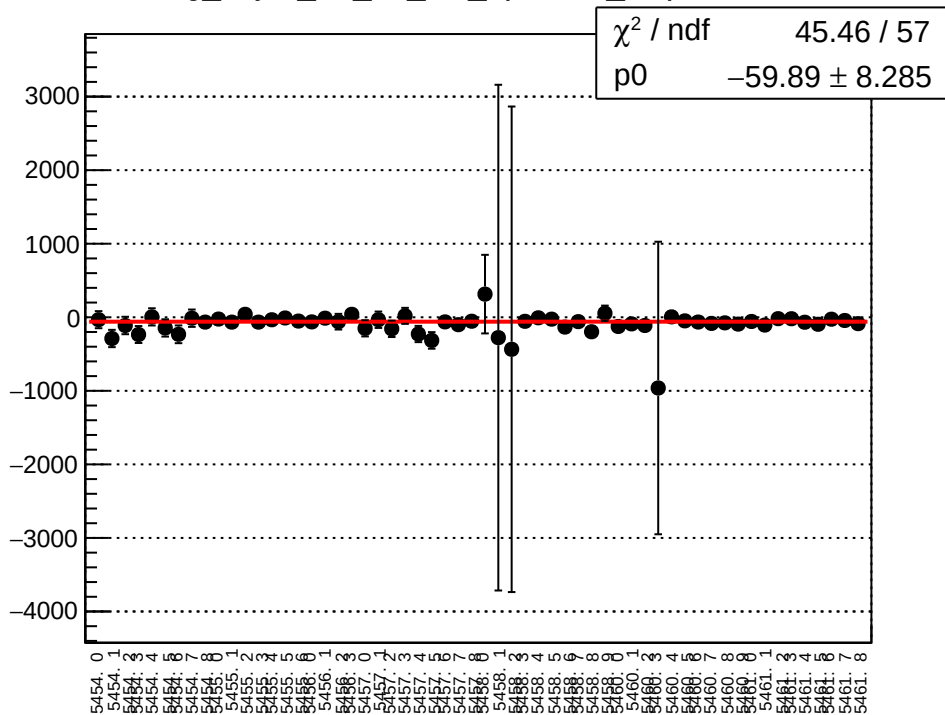
|                       |                   |
|-----------------------|-------------------|
| $\chi^2 / \text{ndf}$ | 7.331e+04 / 57    |
| p0                    | -144 $\pm$ 0.3175 |



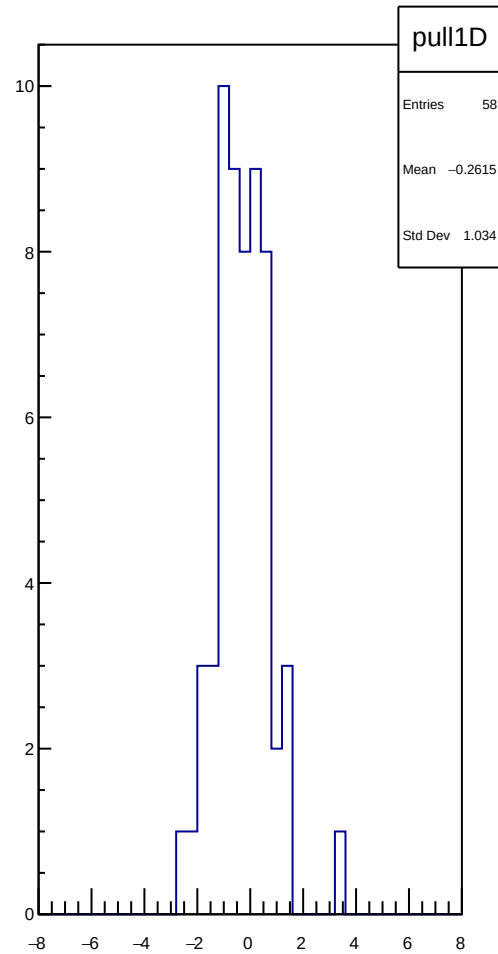
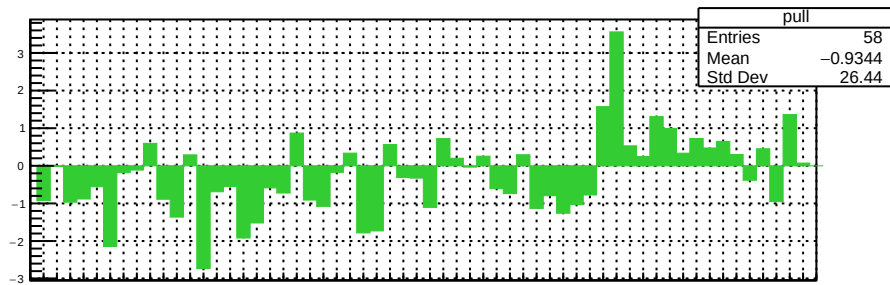
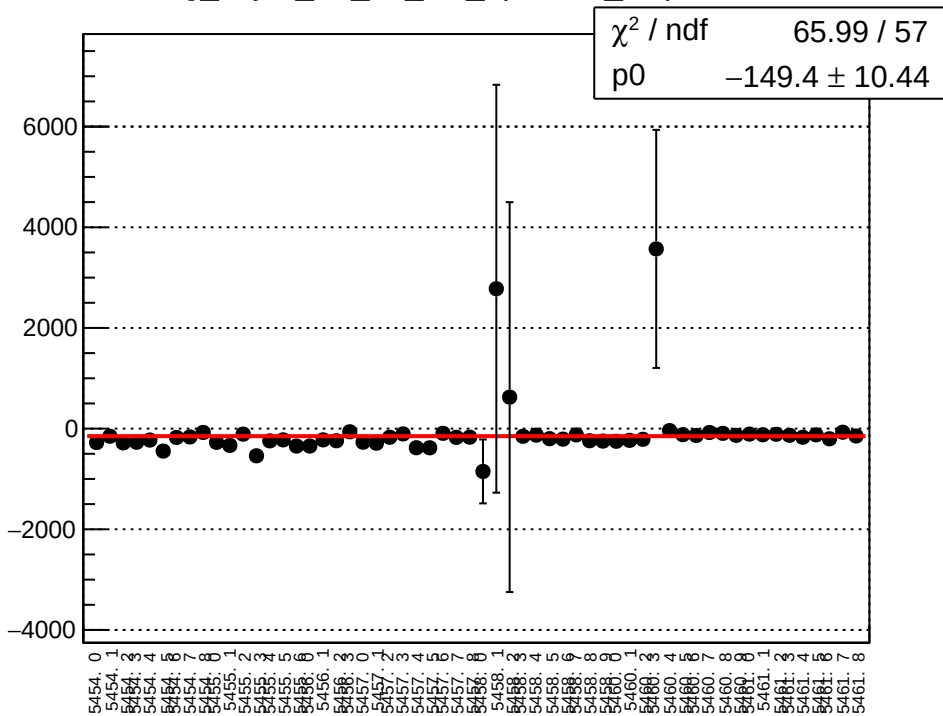
reg\_asym\_atr\_dd\_diff\_bpm4aX\_slope vs run



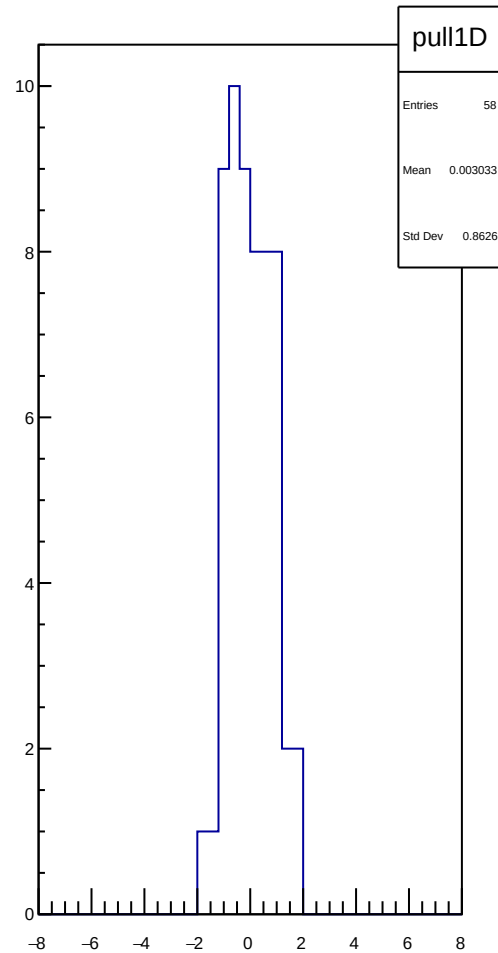
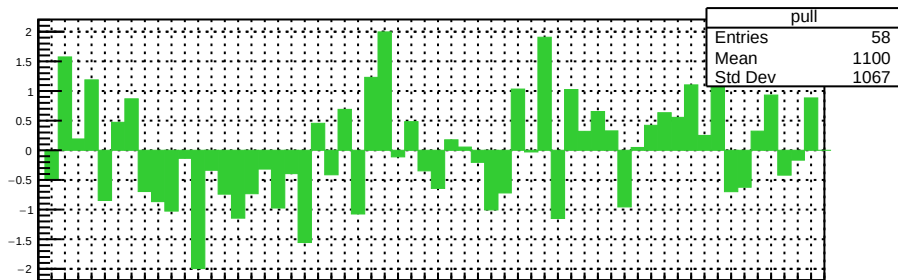
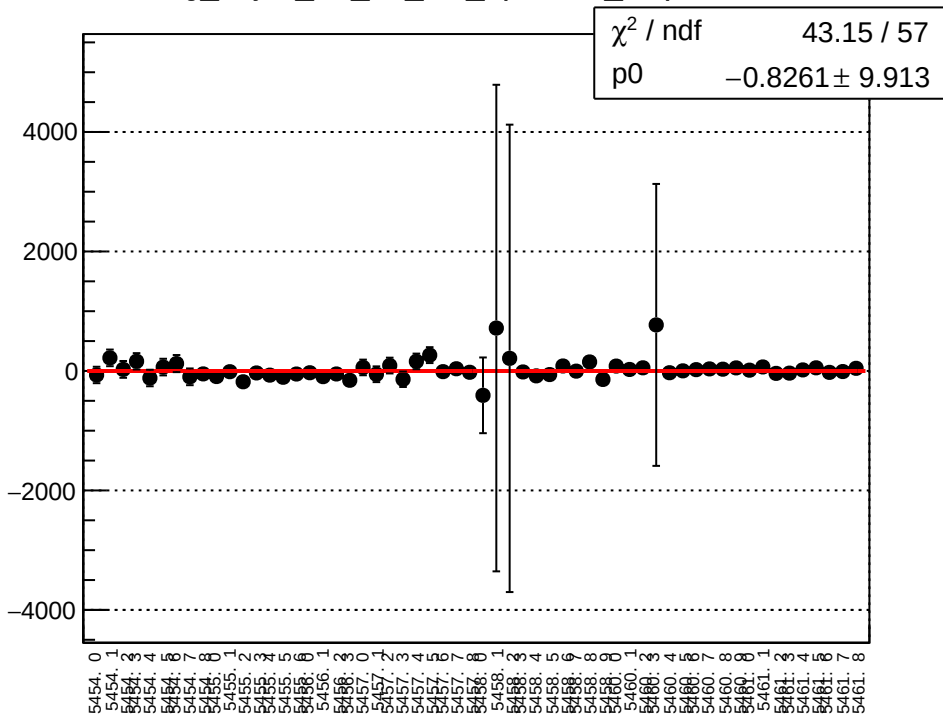
reg\_asym\_atr\_dd\_diff\_bpm4aY\_slope vs run



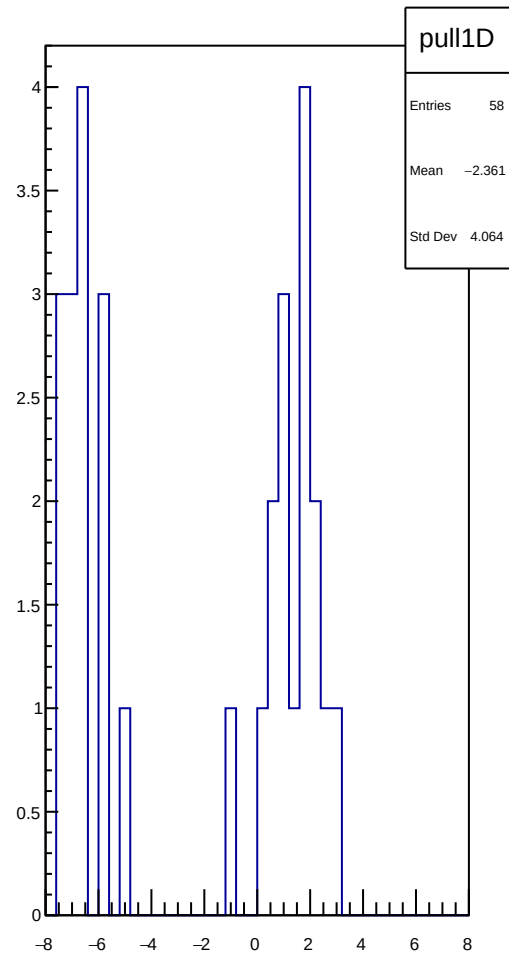
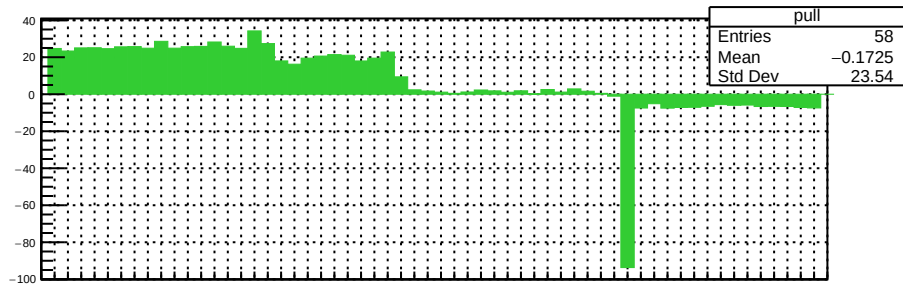
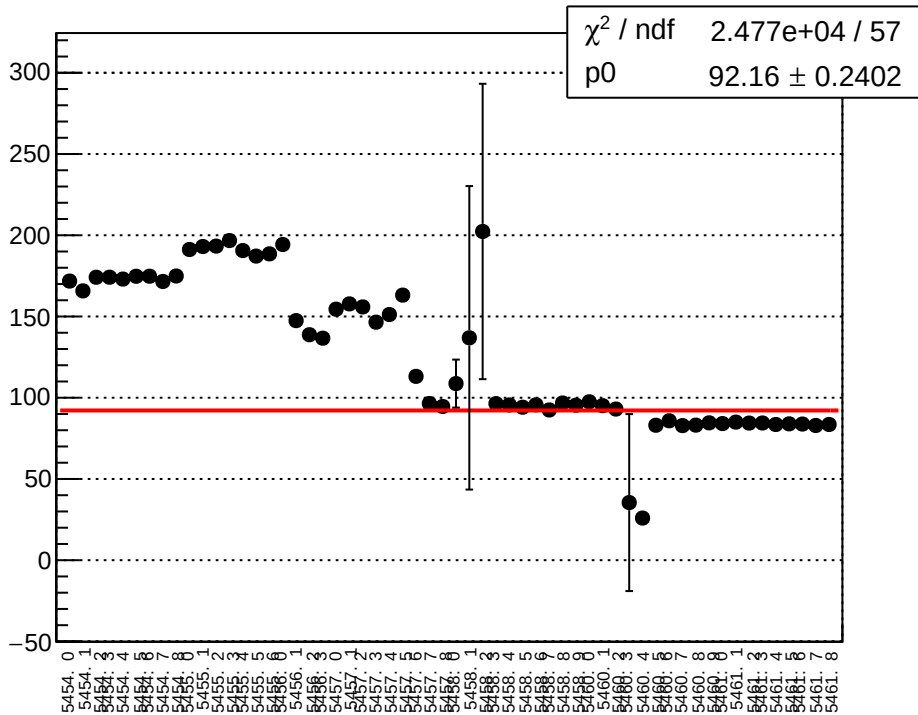
reg\_asym\_atr\_dd\_diff\_bpm4eX\_slope vs run



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

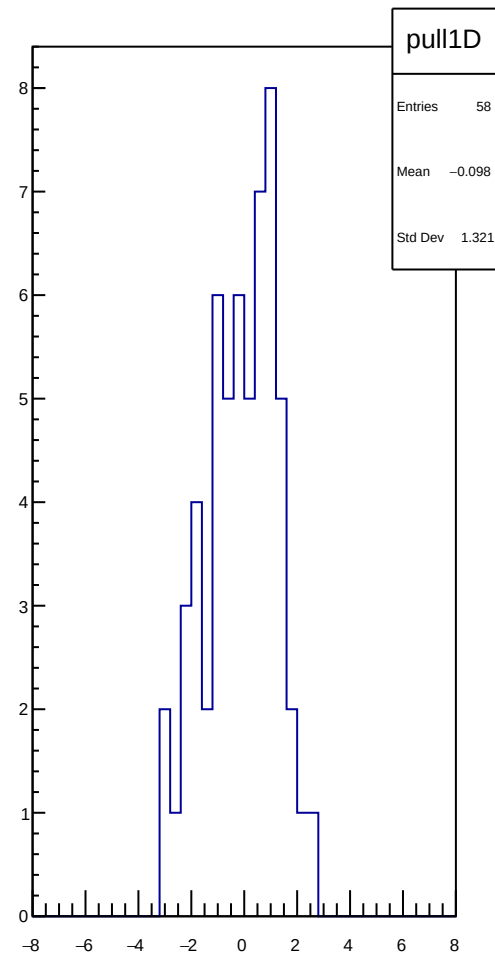
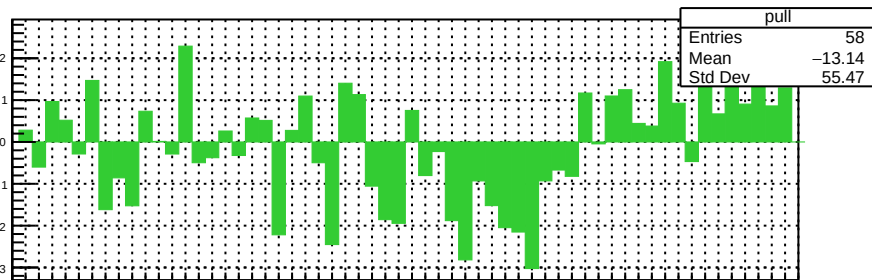
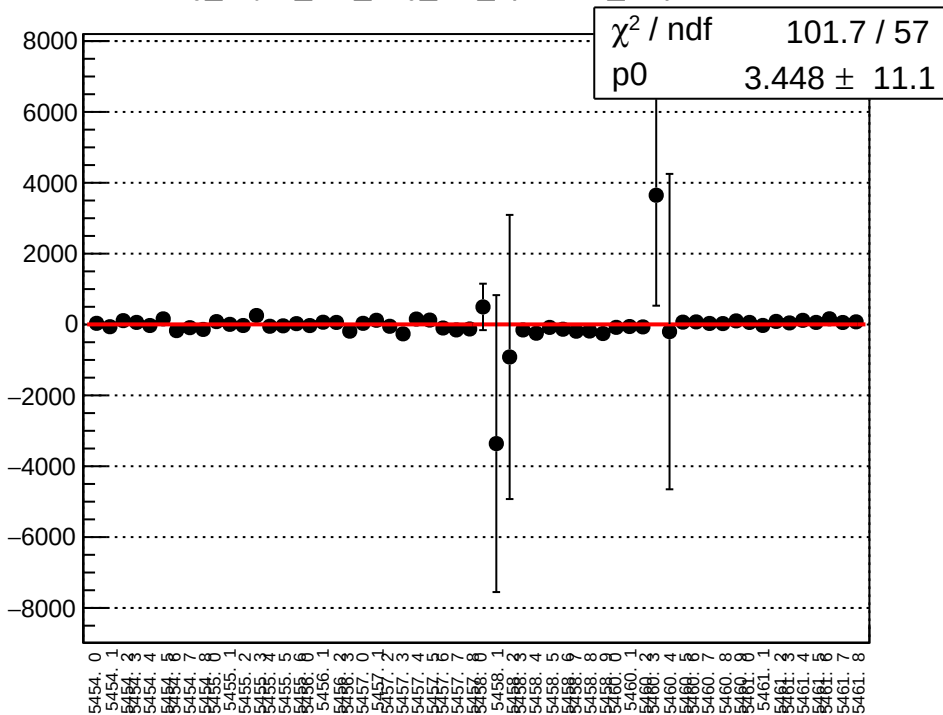


## reg\_asym\_atr\_dd\_diff\_bpm12X\_slope vs run

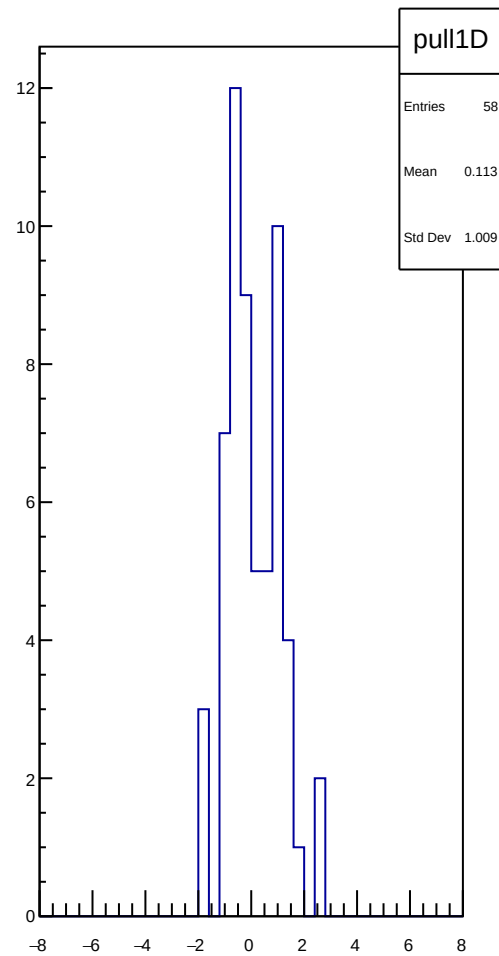
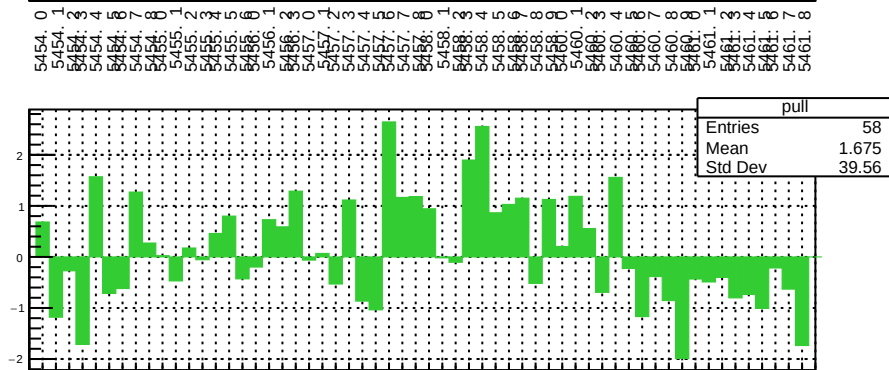
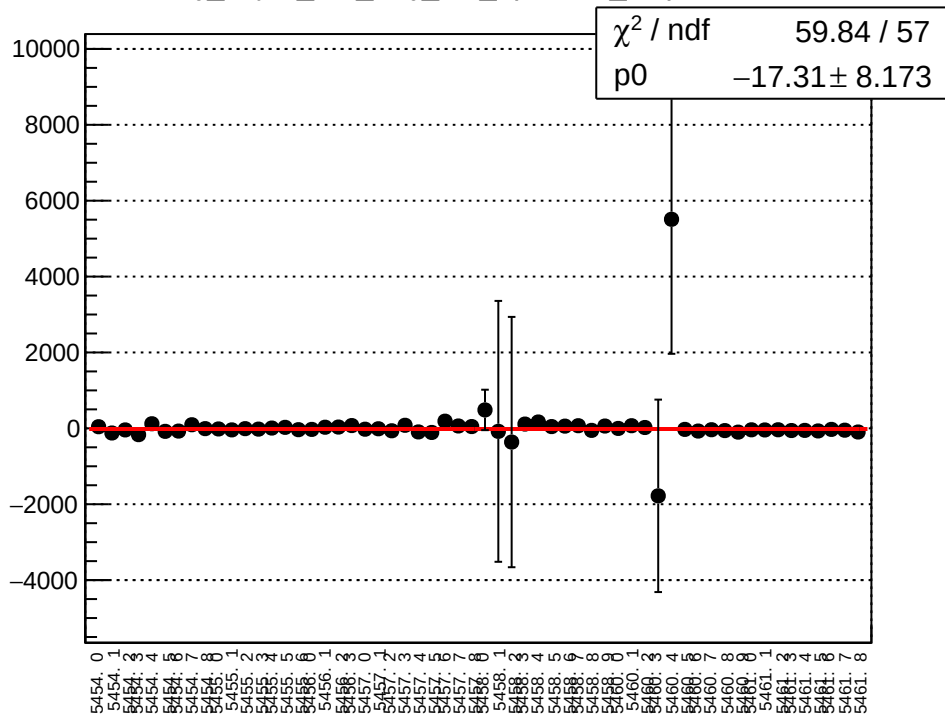




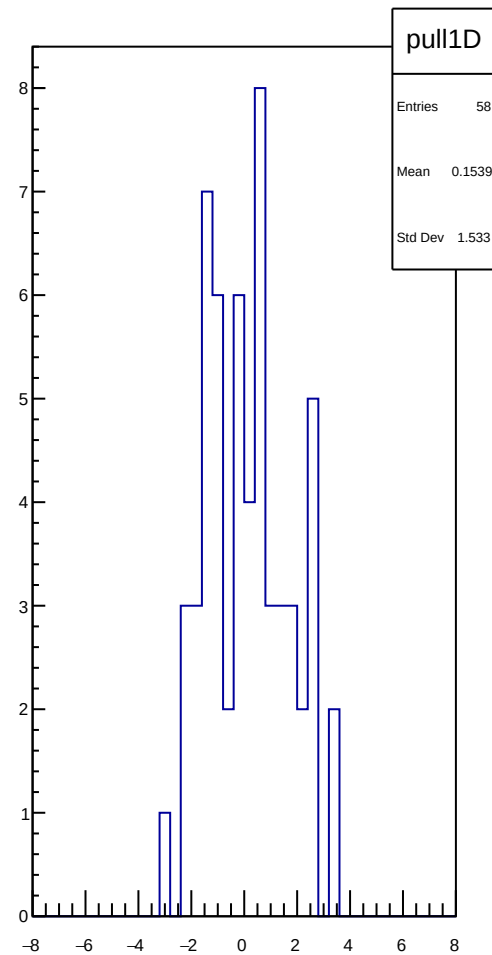
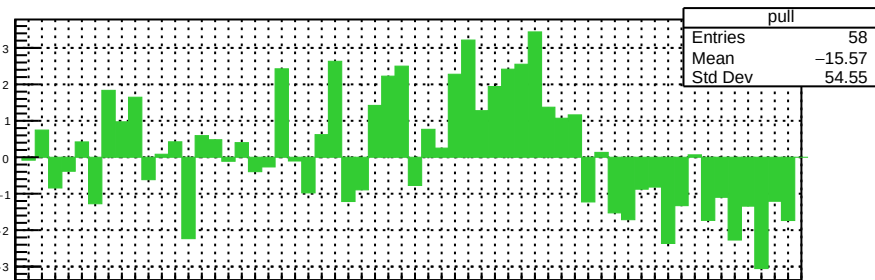
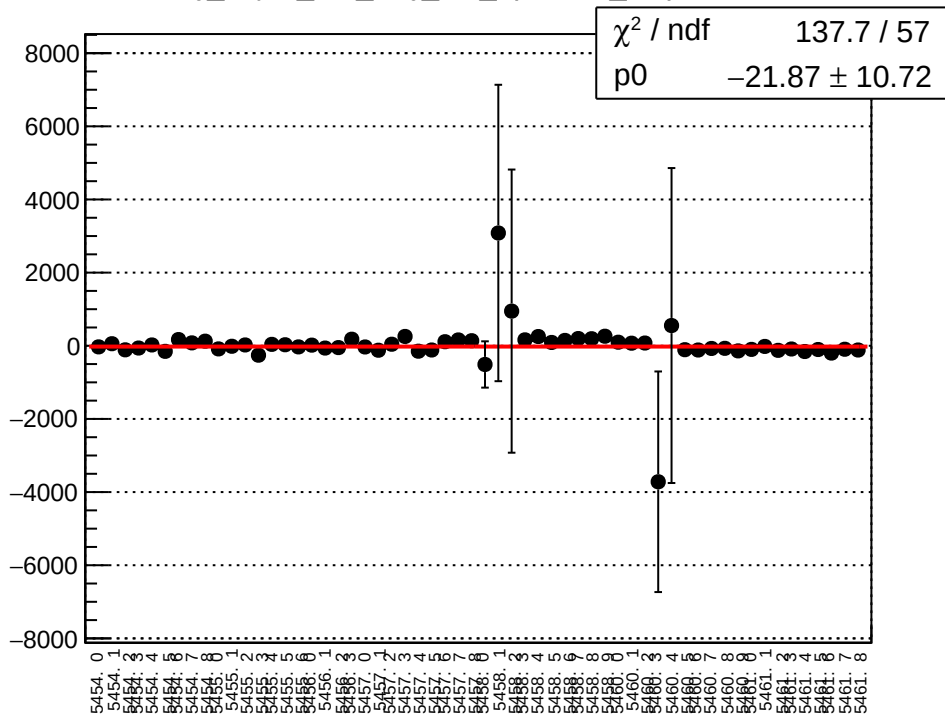
reg\_asym\_at1\_avg\_diff\_bpm4aX\_slope vs run



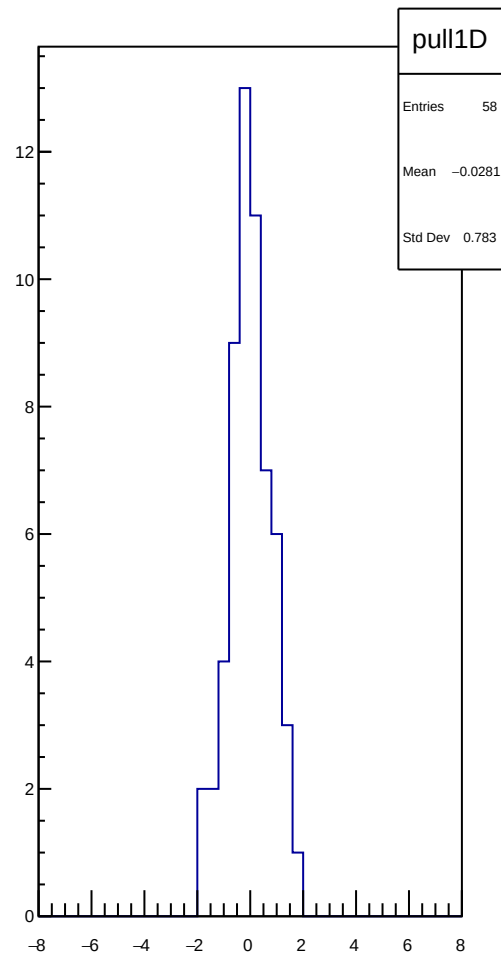
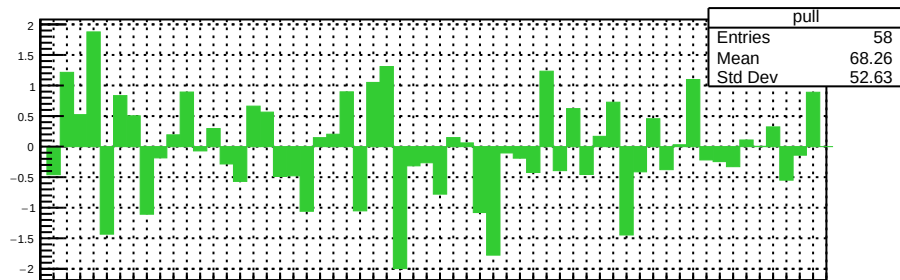
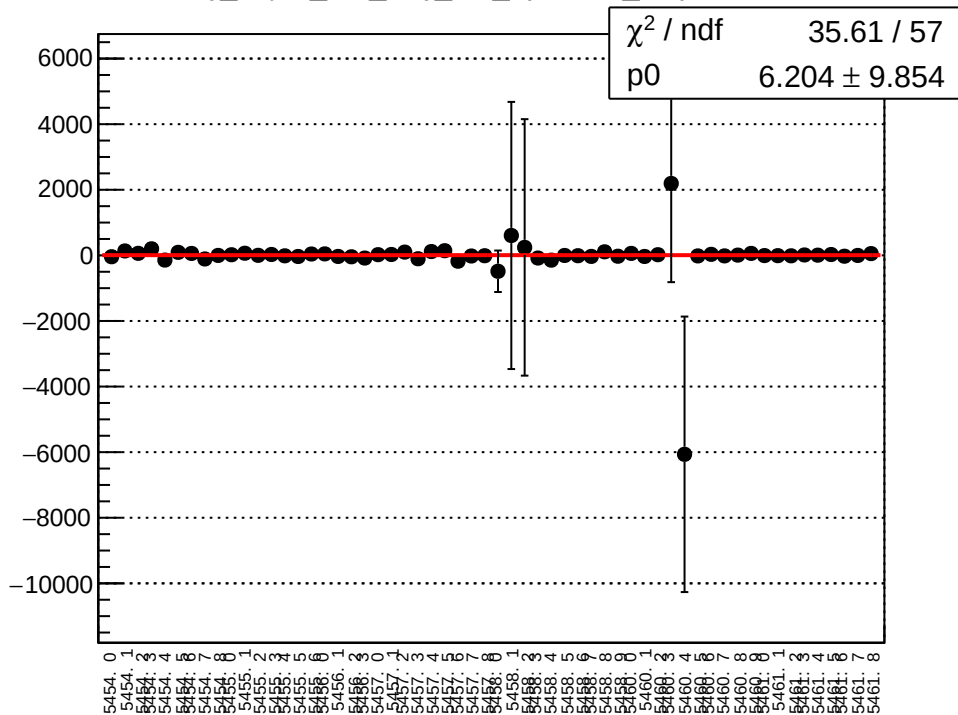
reg\_asym\_at1\_avg\_diff\_bpm4aY\_slope vs run



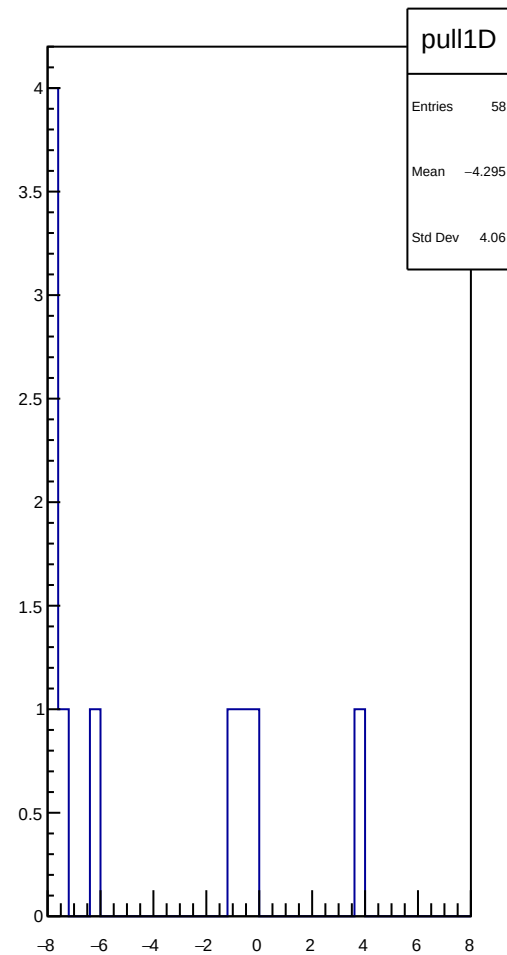
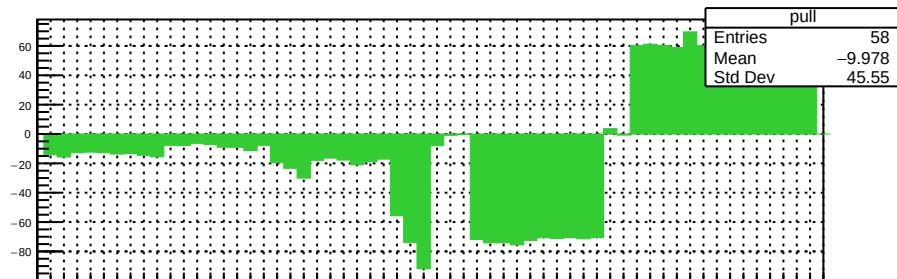
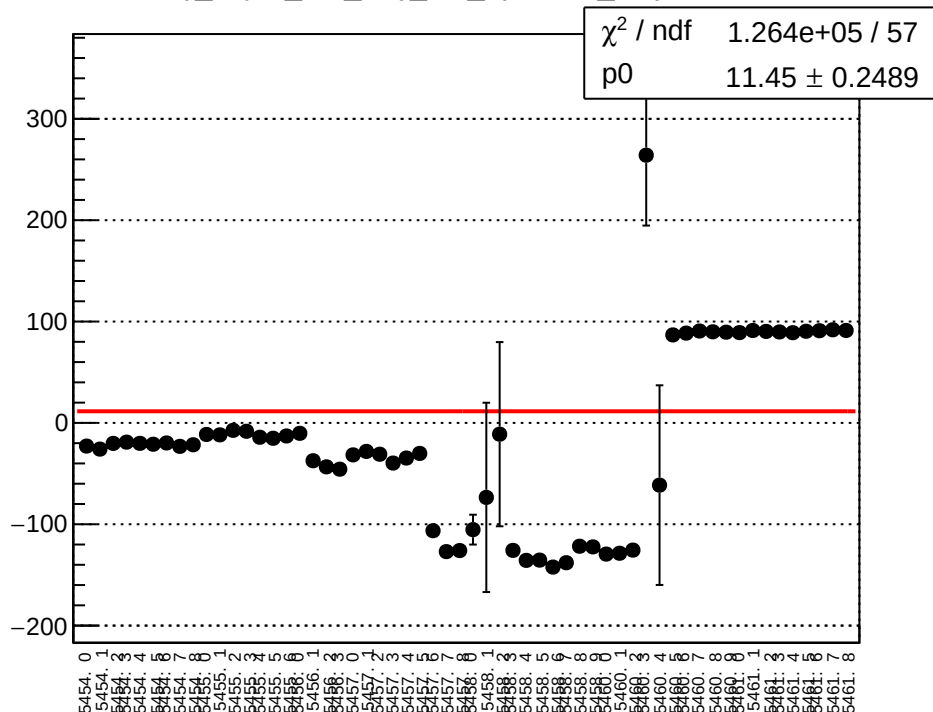
reg\_asym\_at1\_avg\_diff\_bpm4eX\_slope vs run



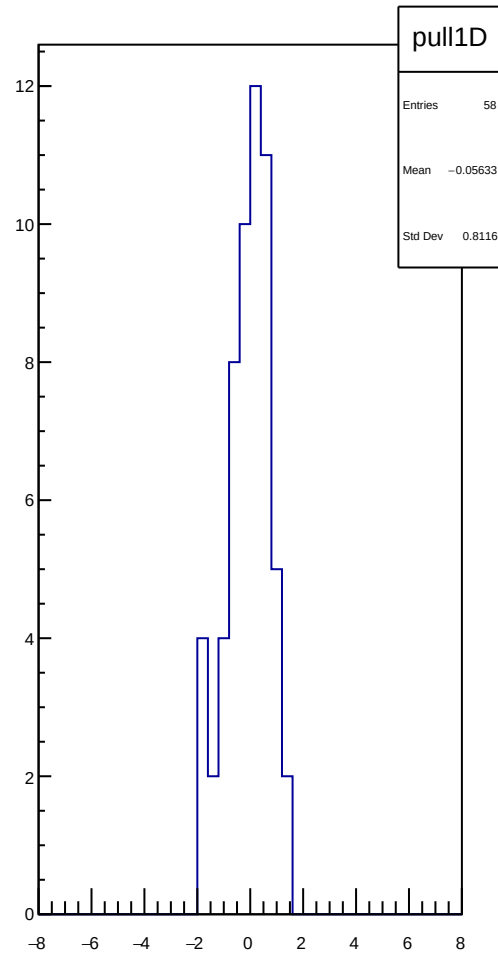
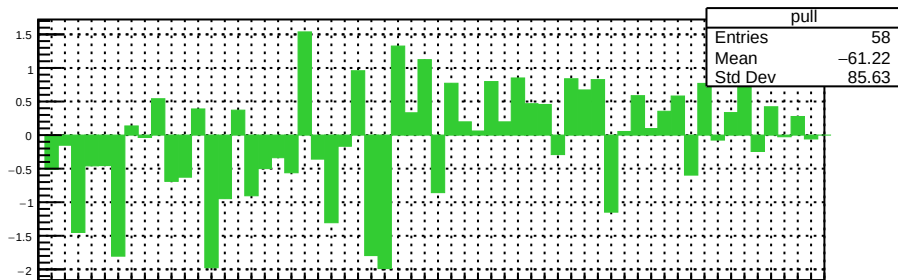
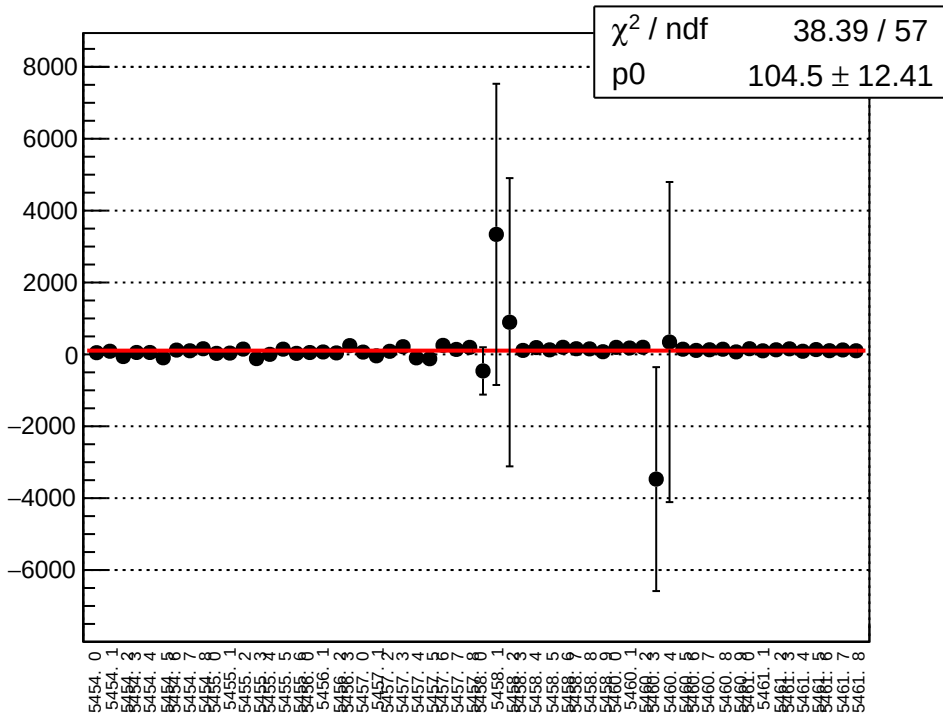
reg\_asym\_at1\_avg\_diff\_bpm4eY\_slope vs run



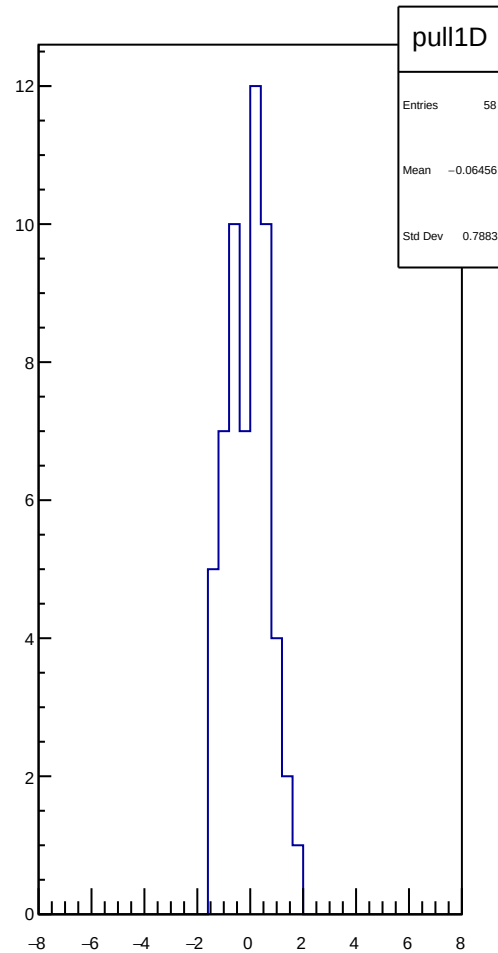
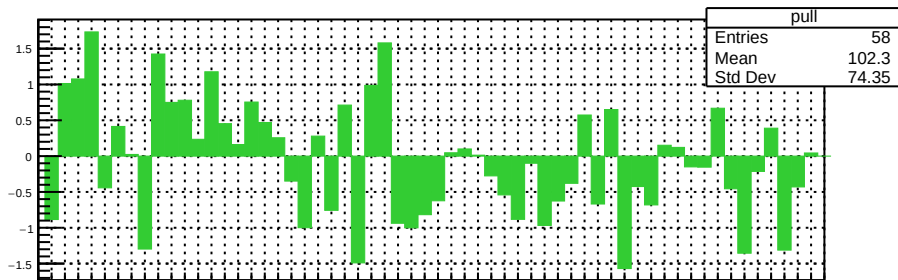
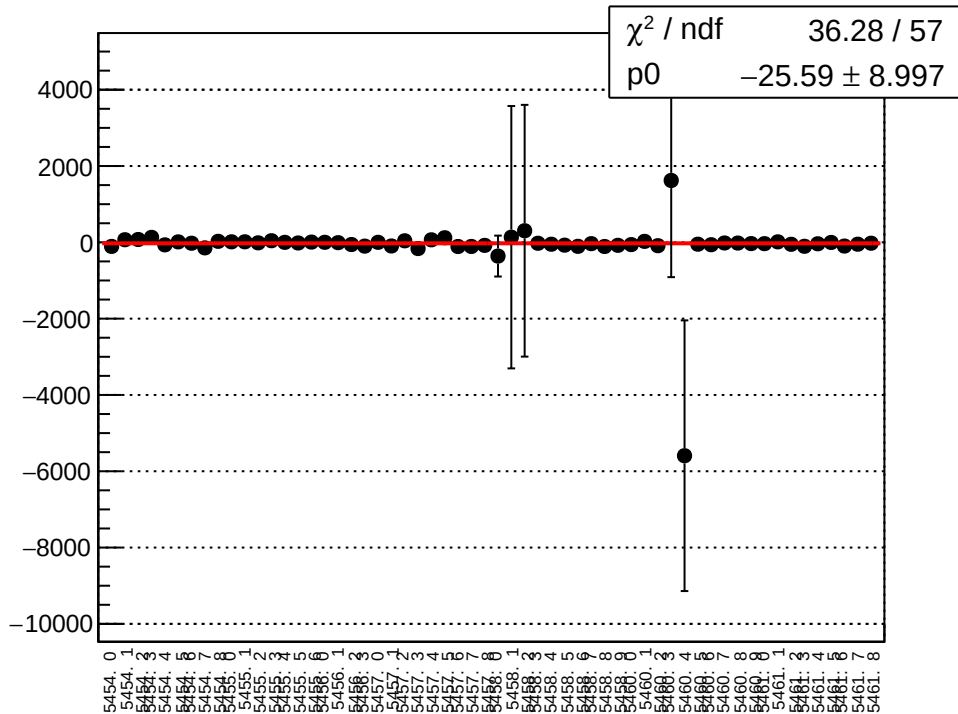
reg\_asym\_at1\_avg\_diff\_bpm12X\_slope vs run



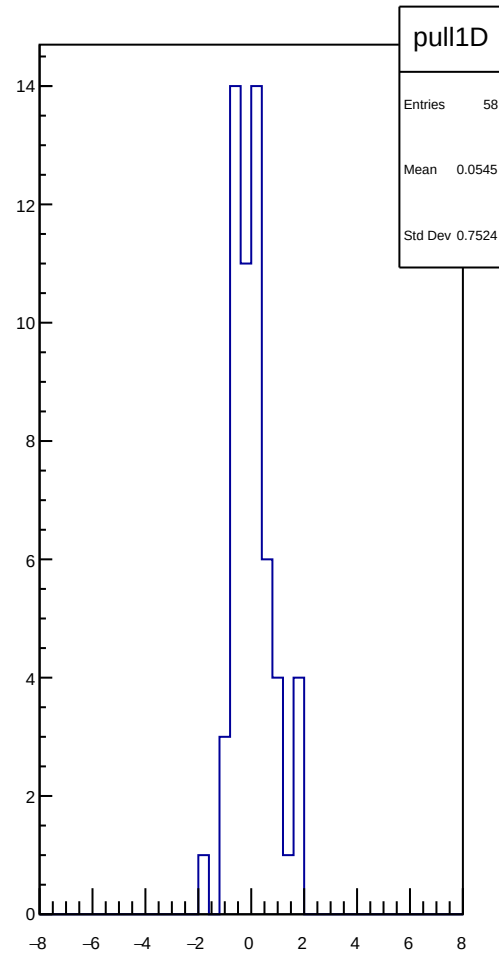
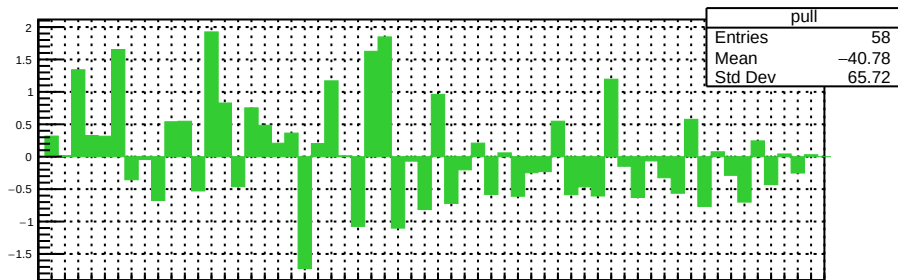
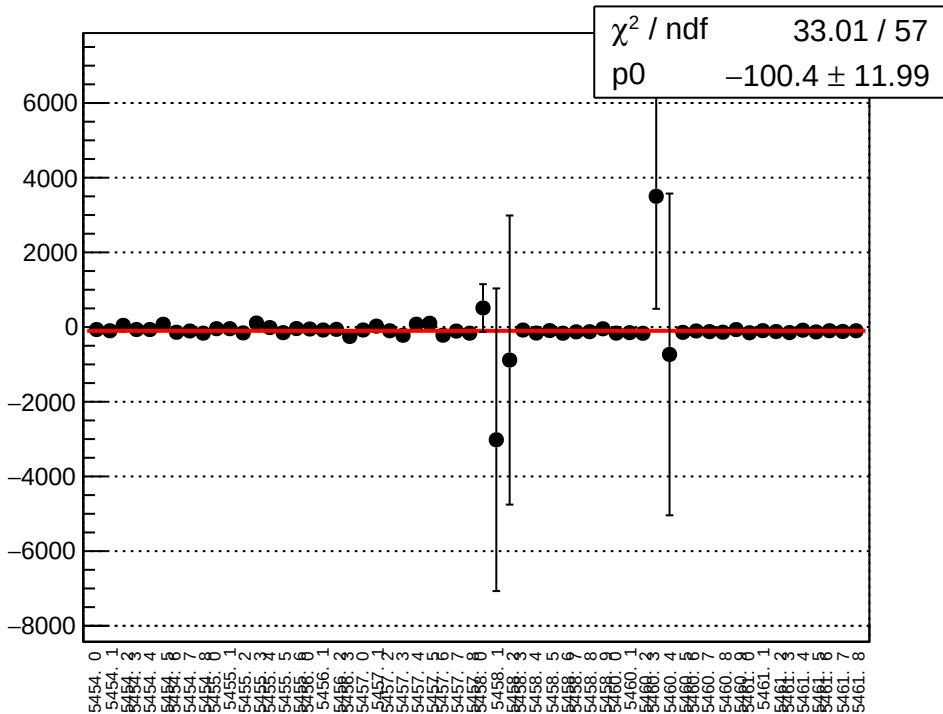
reg\_asym\_at1\_dd\_diff\_bpm4aX\_slope vs run



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

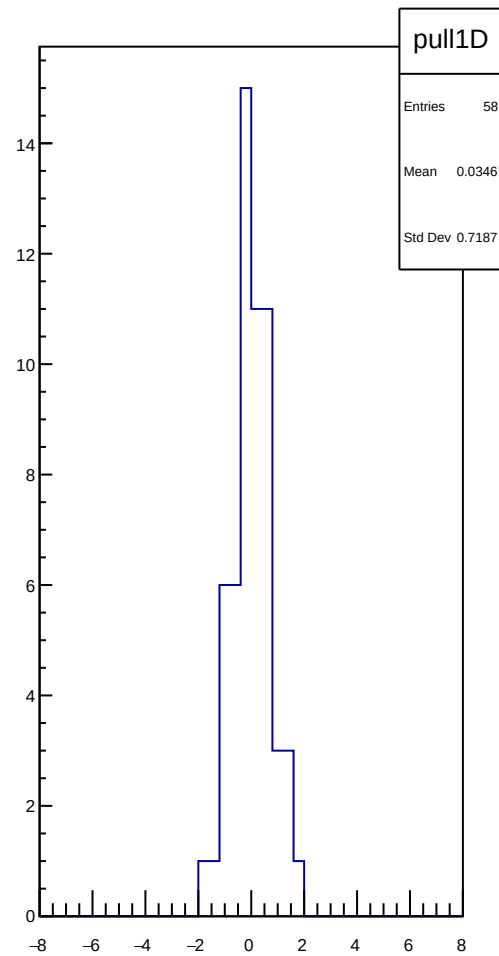
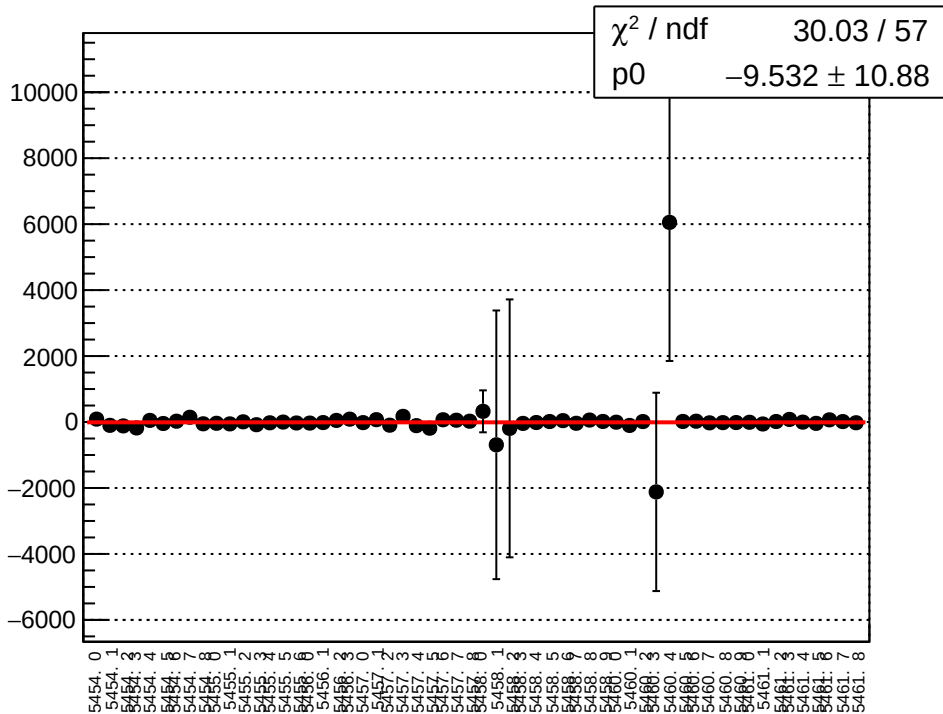


reg\_asym\_at1\_dd\_diff\_bpm4eX\_slope vs run

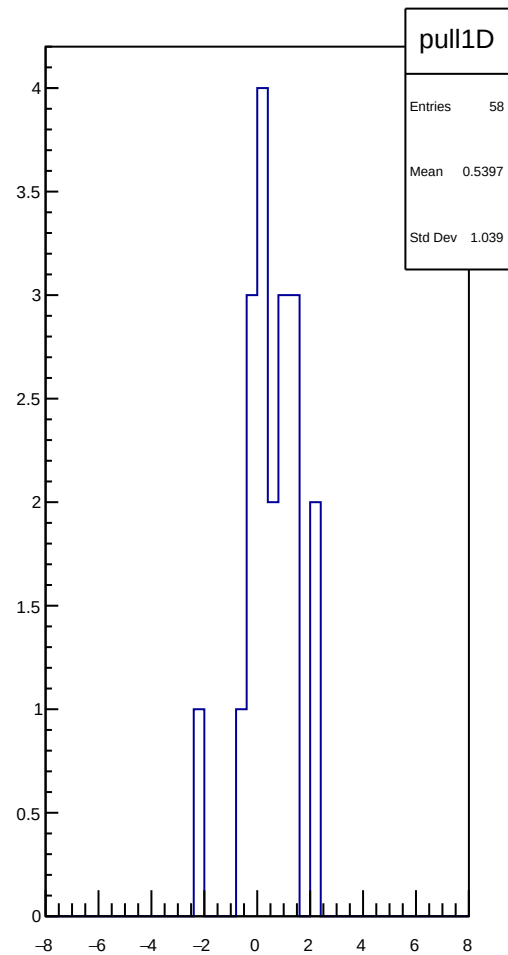
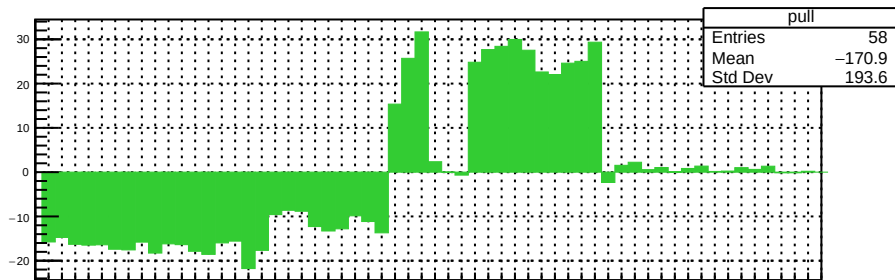
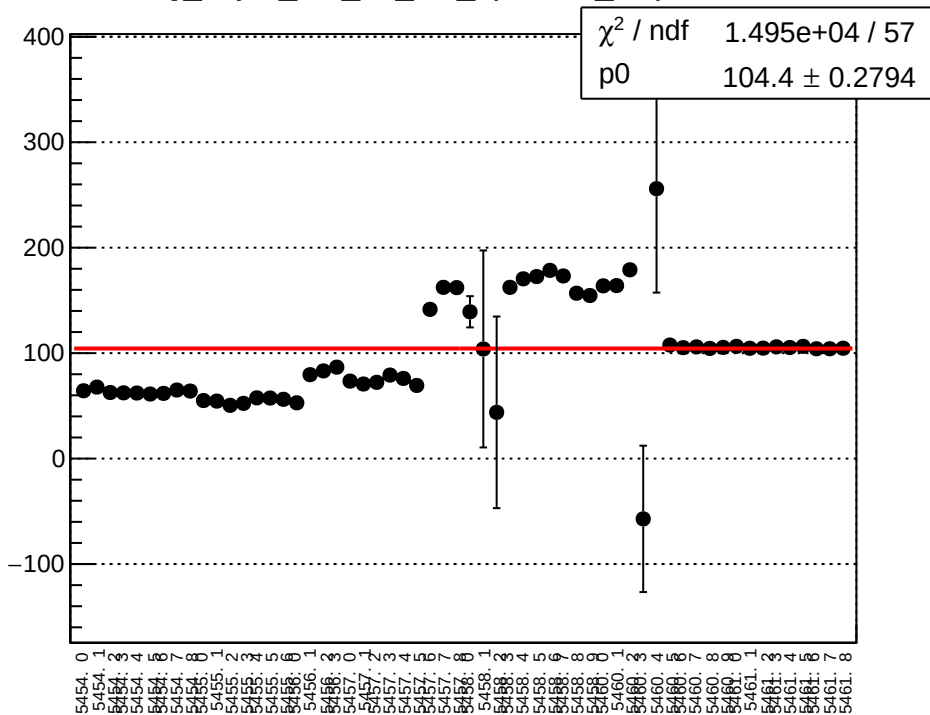




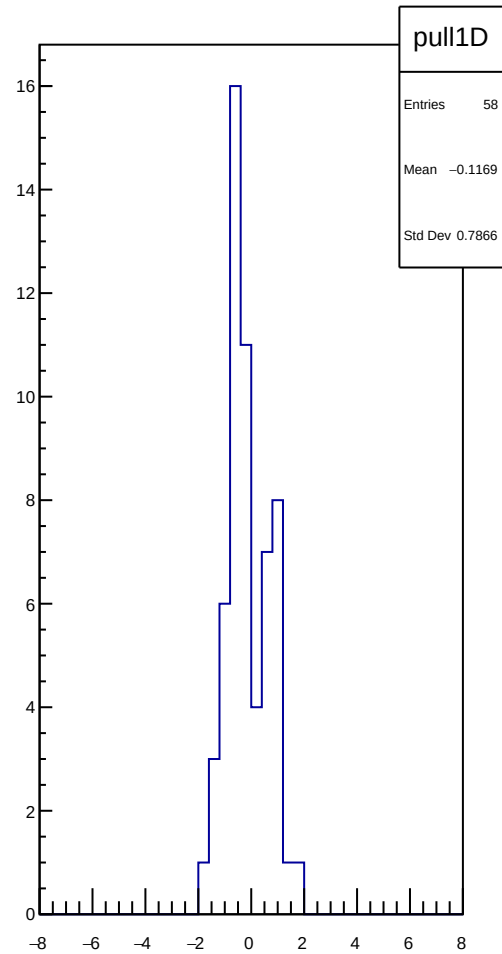
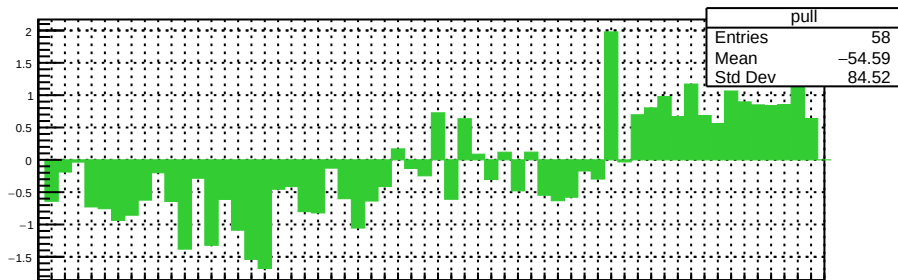
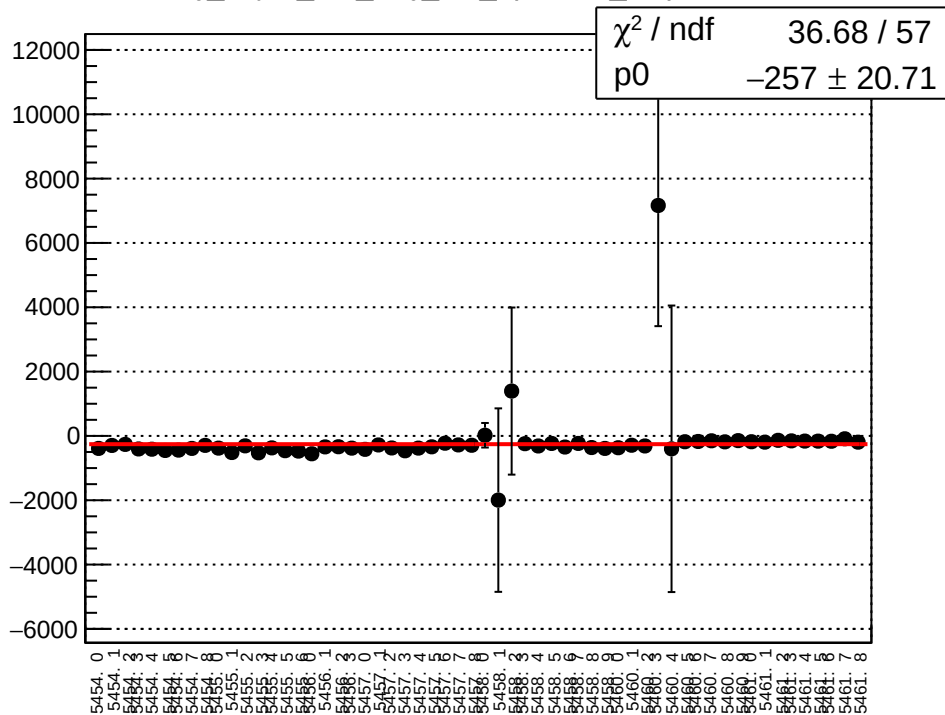
reg\_asym\_at1\_dd\_diff\_bpm4eY\_slope vs run



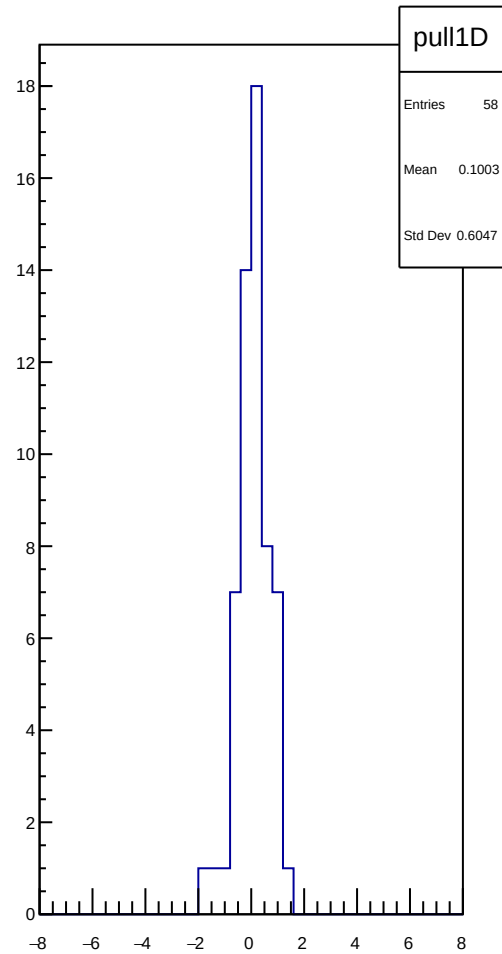
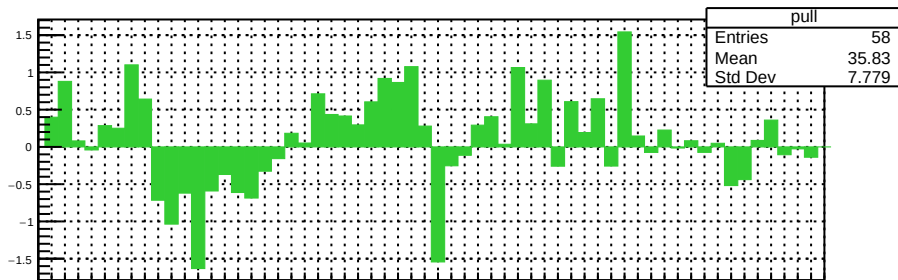
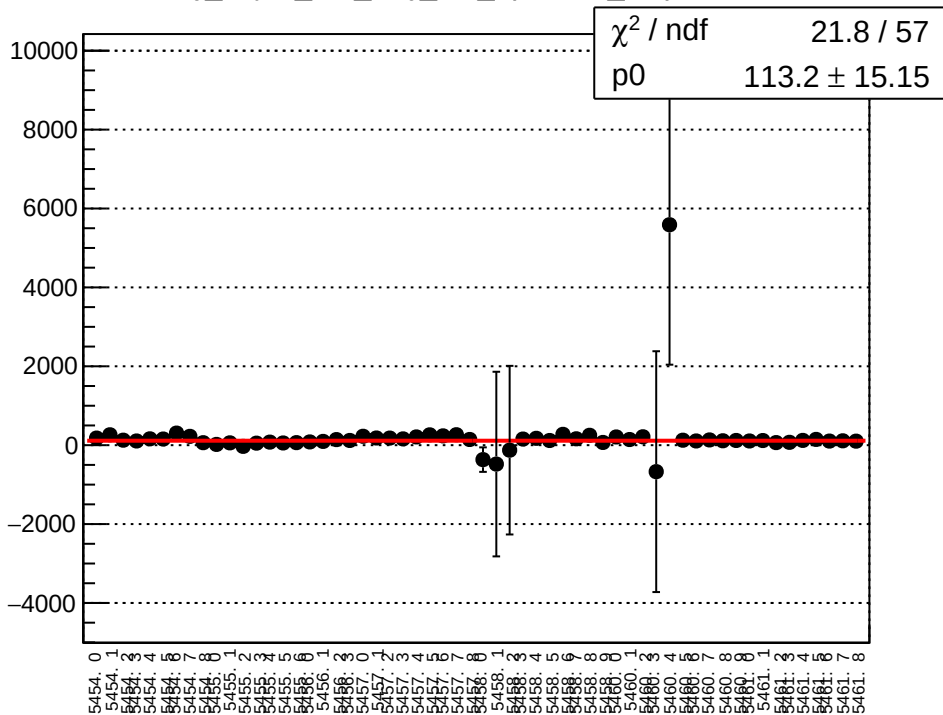
### reg\_asym\_at1\_dd\_diff\_bpm12X\_slope vs run



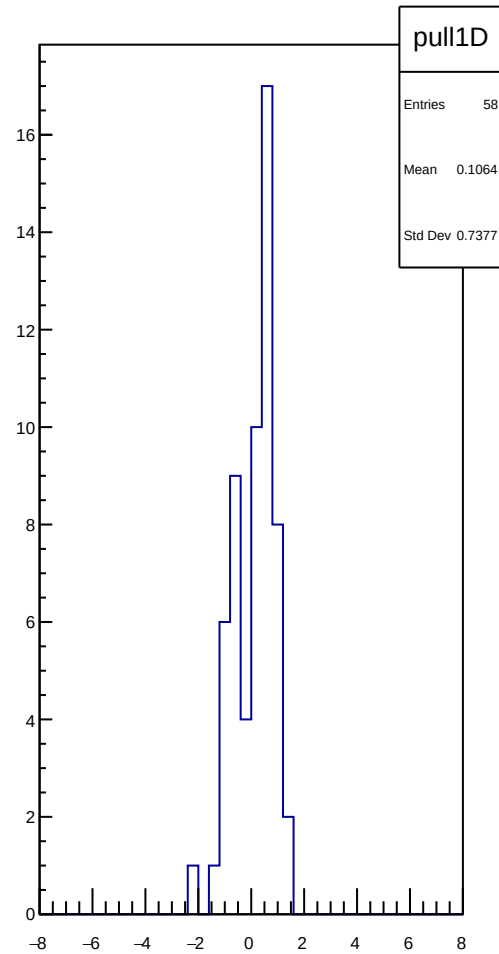
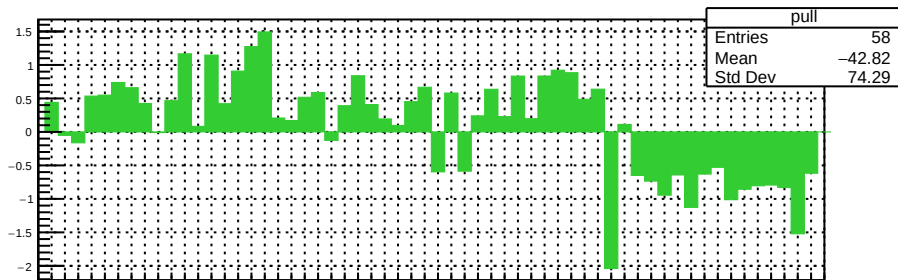
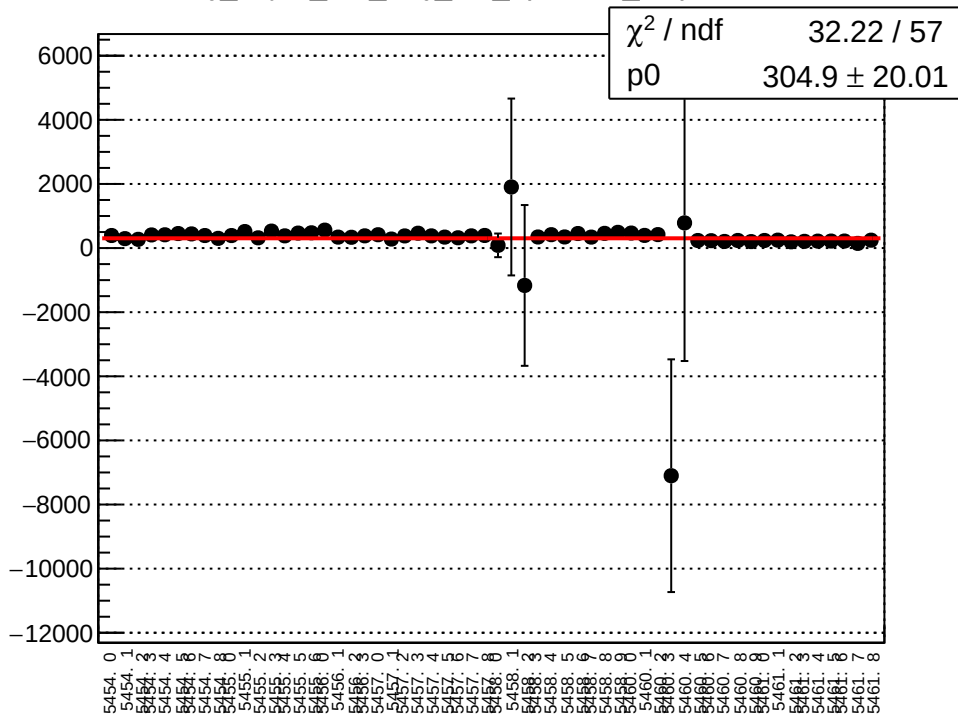
reg\_asym\_at2\_avg\_diff\_bpm4aX\_slope vs run



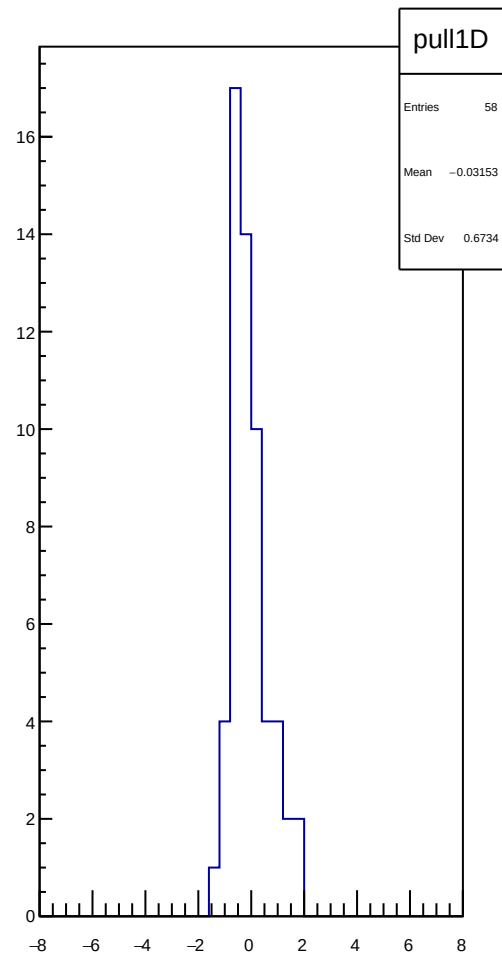
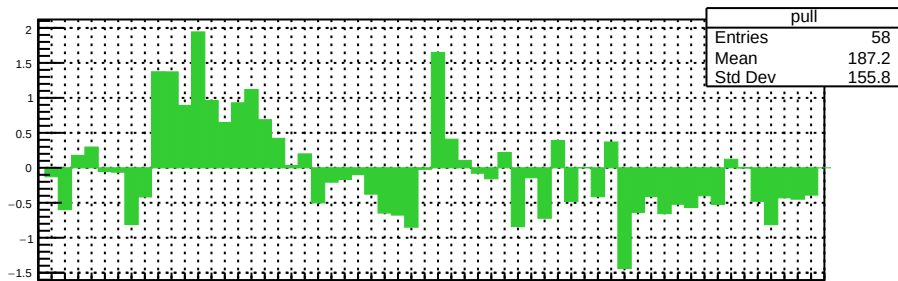
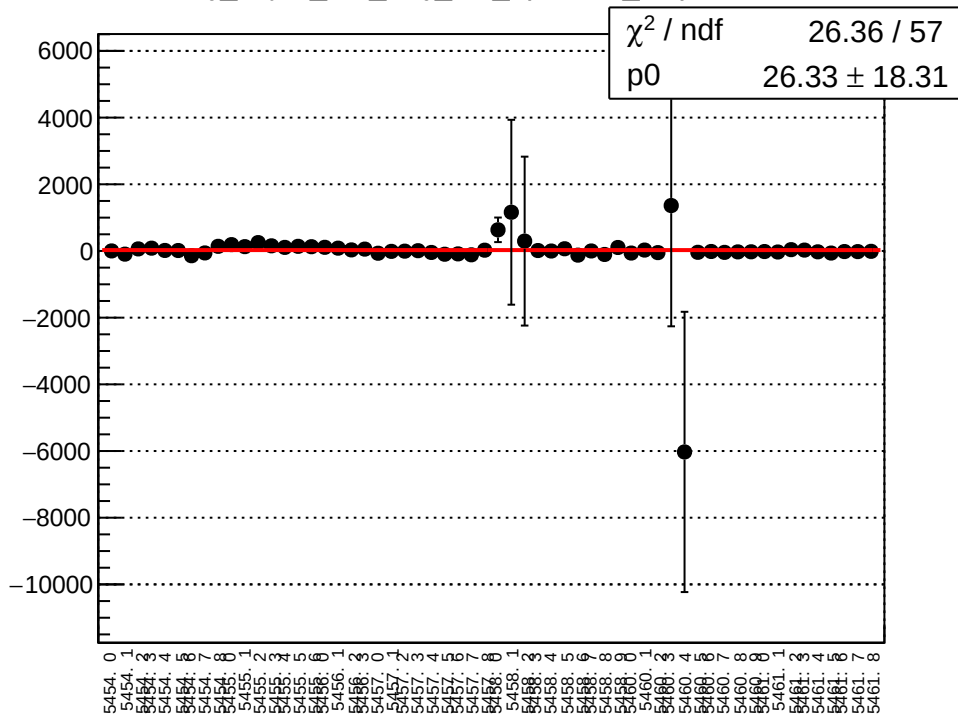
reg\_asym\_at2\_avg\_diff\_bpm4aY\_slope vs run



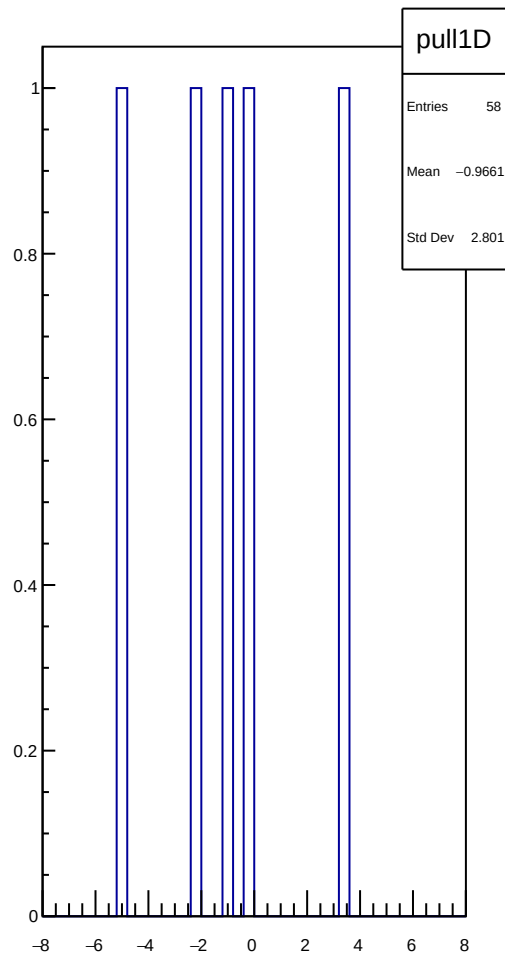
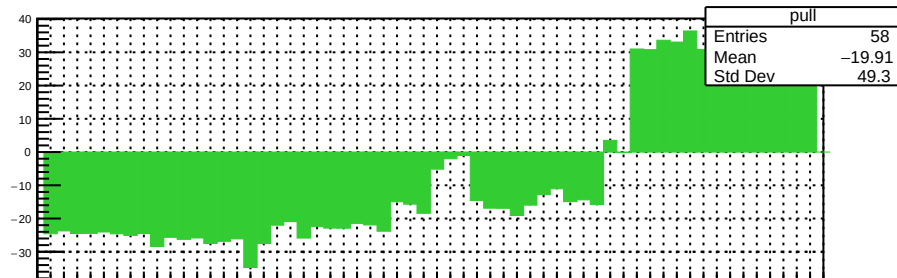
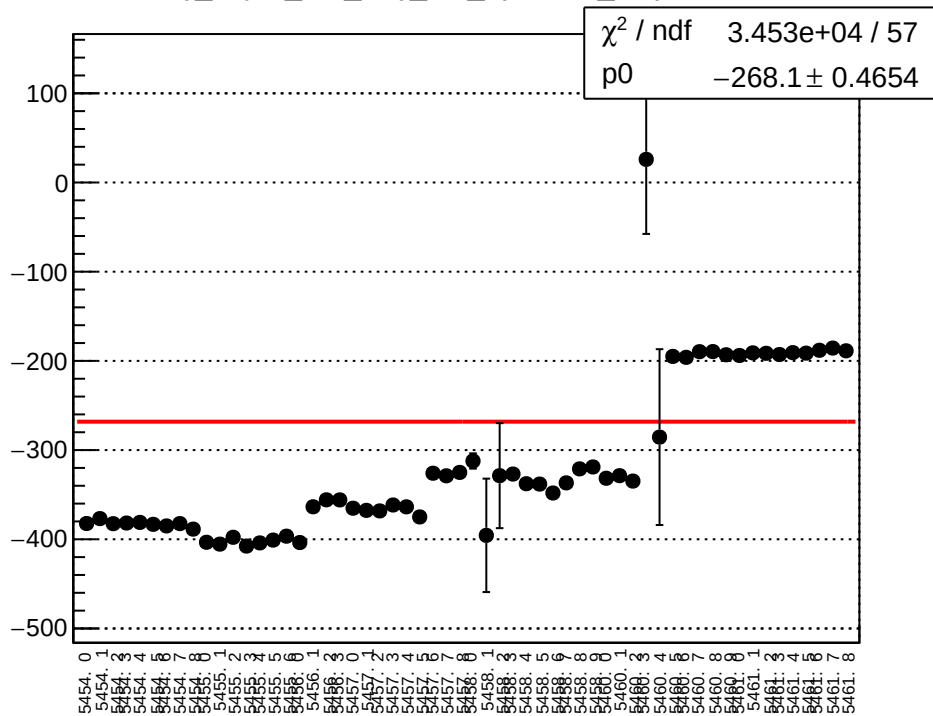
reg\_asym\_at2\_avg\_diff\_bpm4eX\_slope vs run



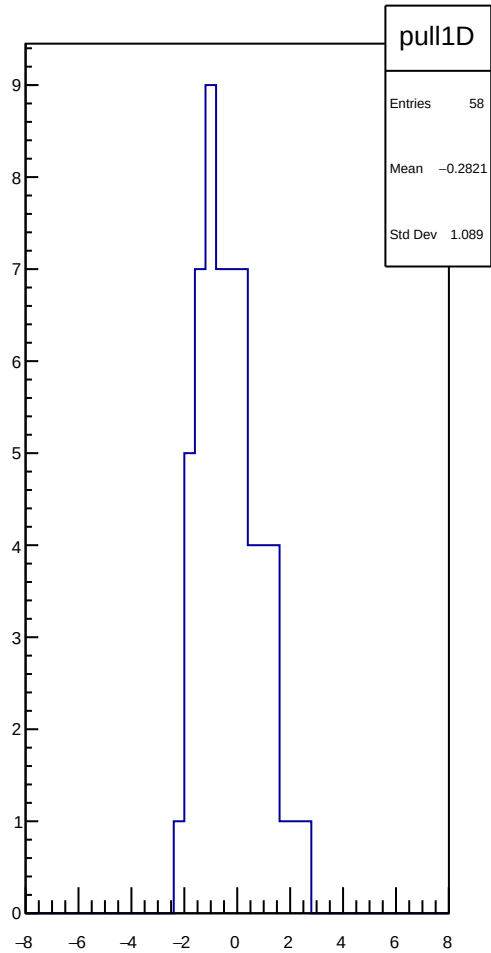
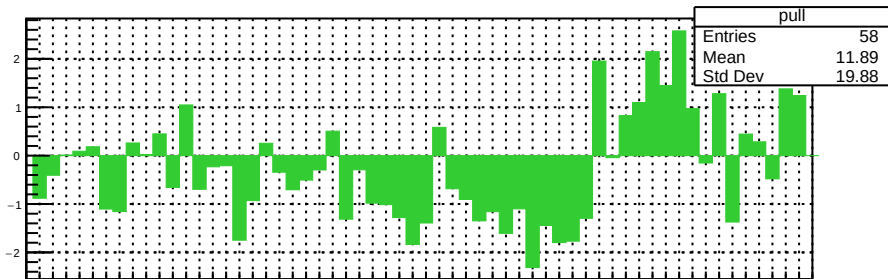
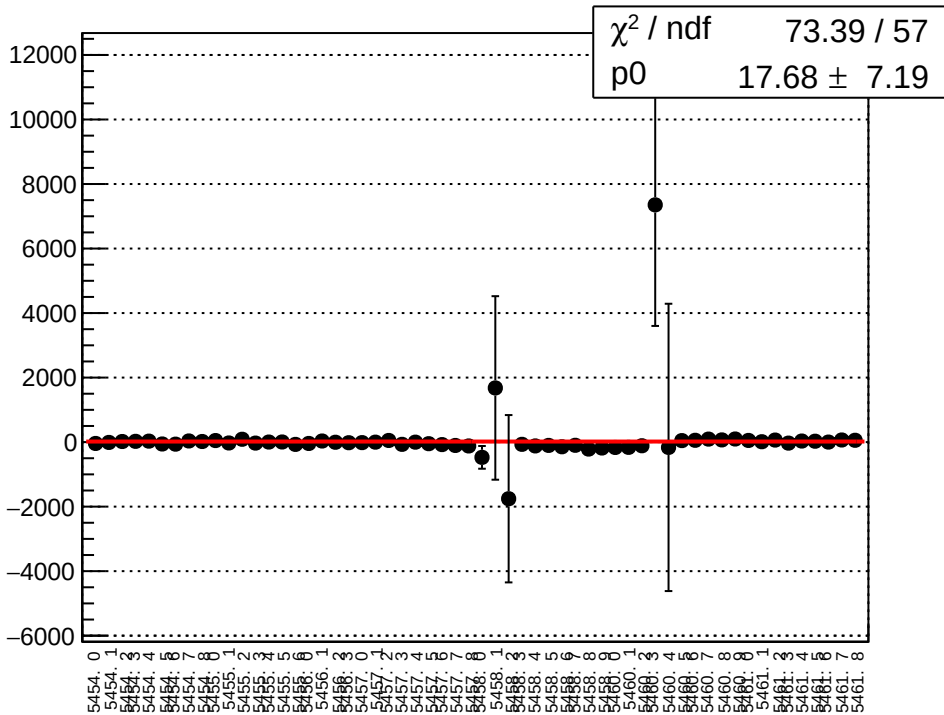
reg\_asym\_at2\_avg\_diff\_bpm4eY\_slope vs run



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

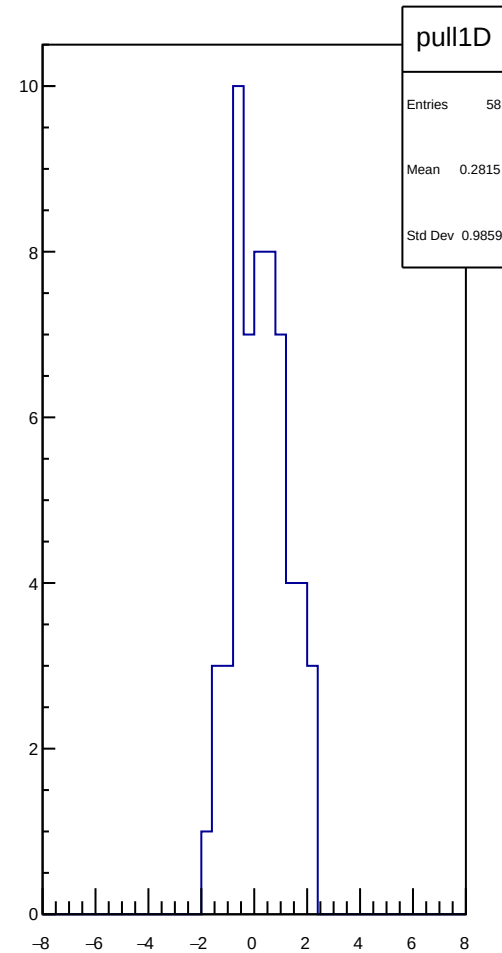
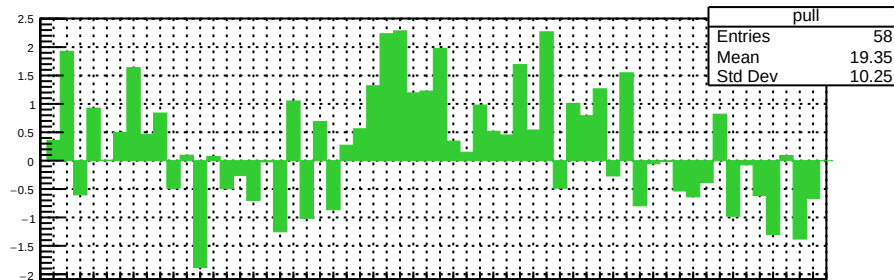
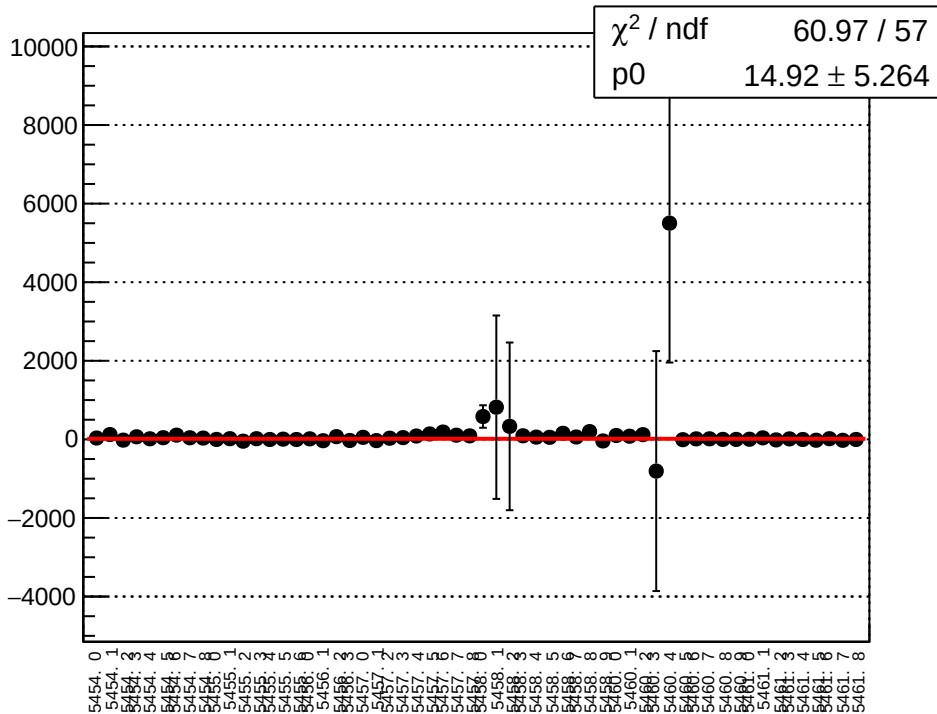


reg\_asym\_at2\_dd\_diff\_bpm4aX\_slope vs run

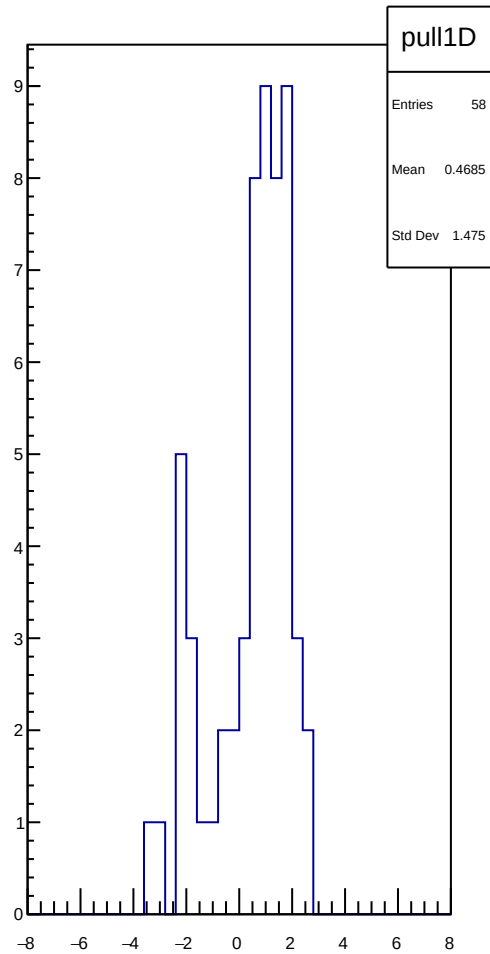
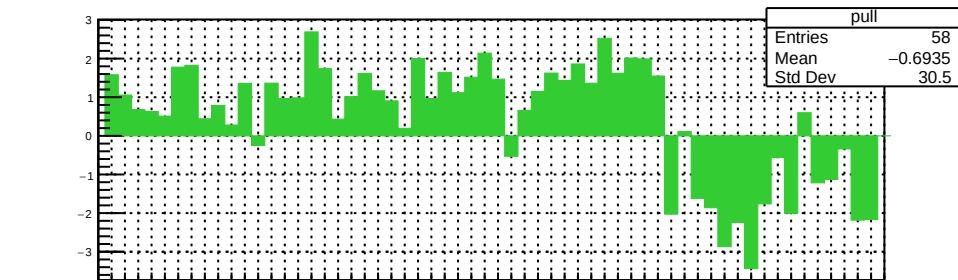
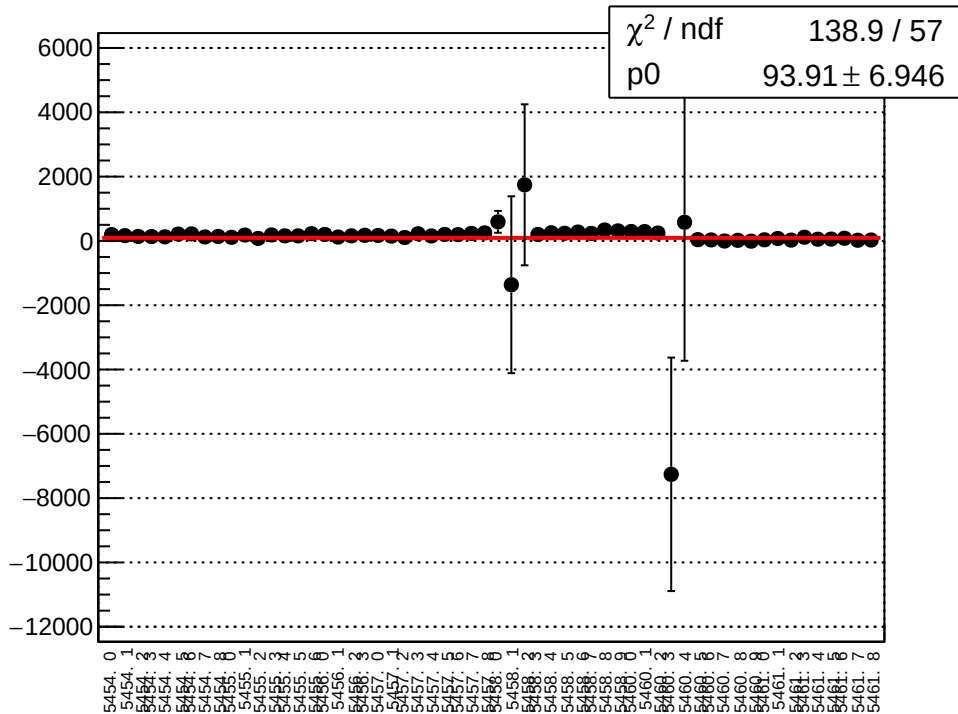




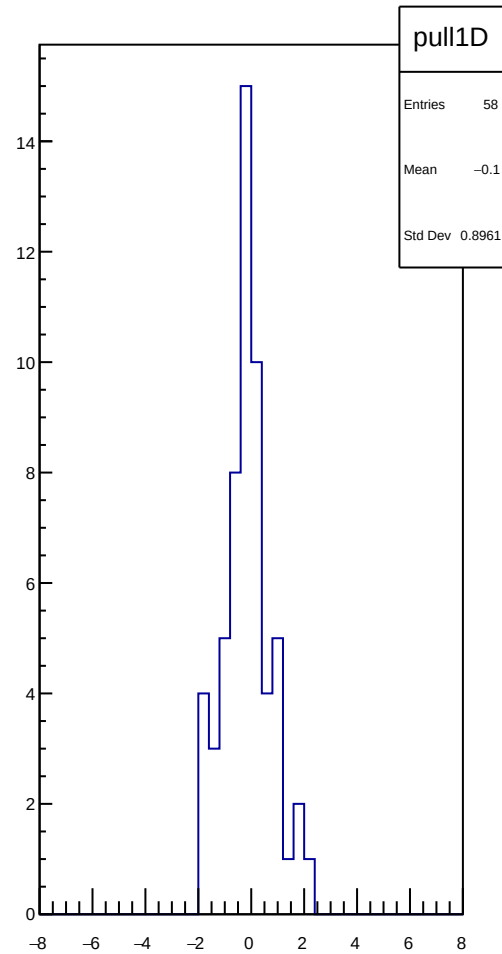
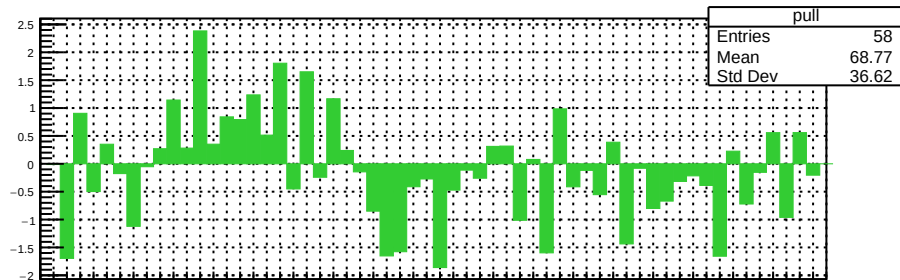
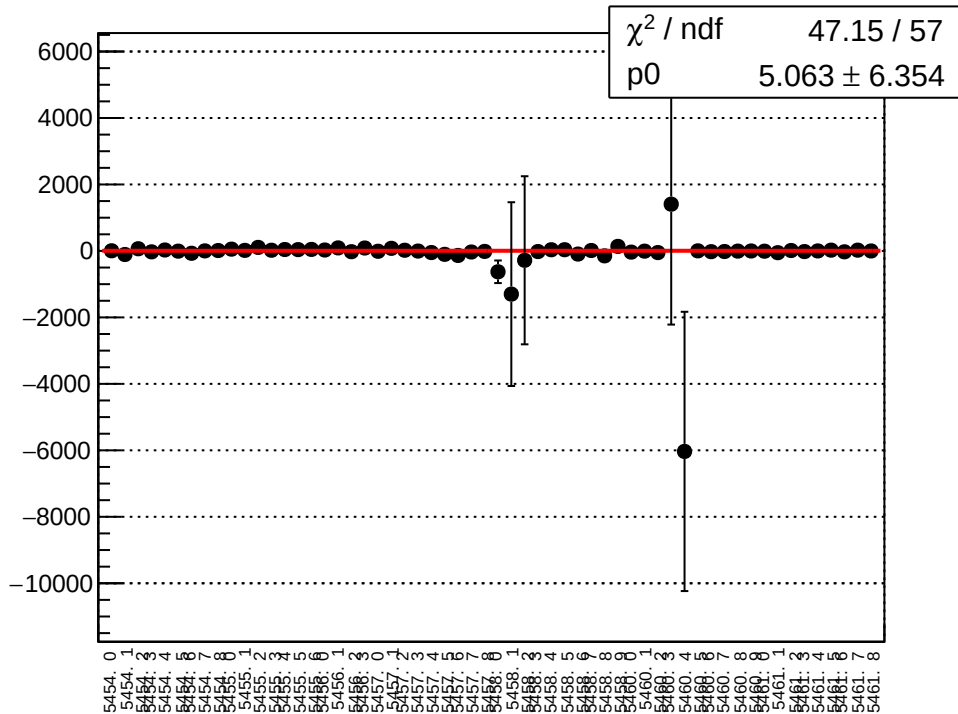
reg\_asym\_at2\_dd\_diff\_bpm4aY\_slope vs run



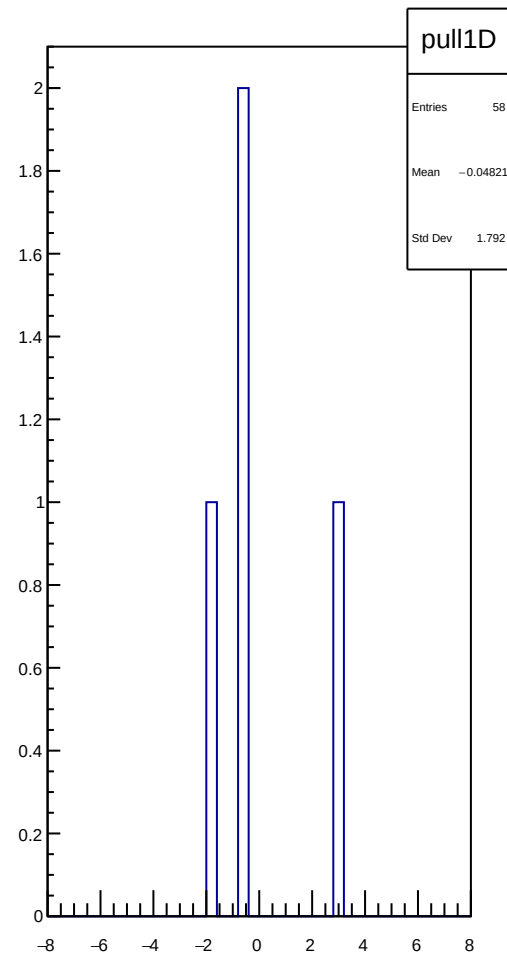
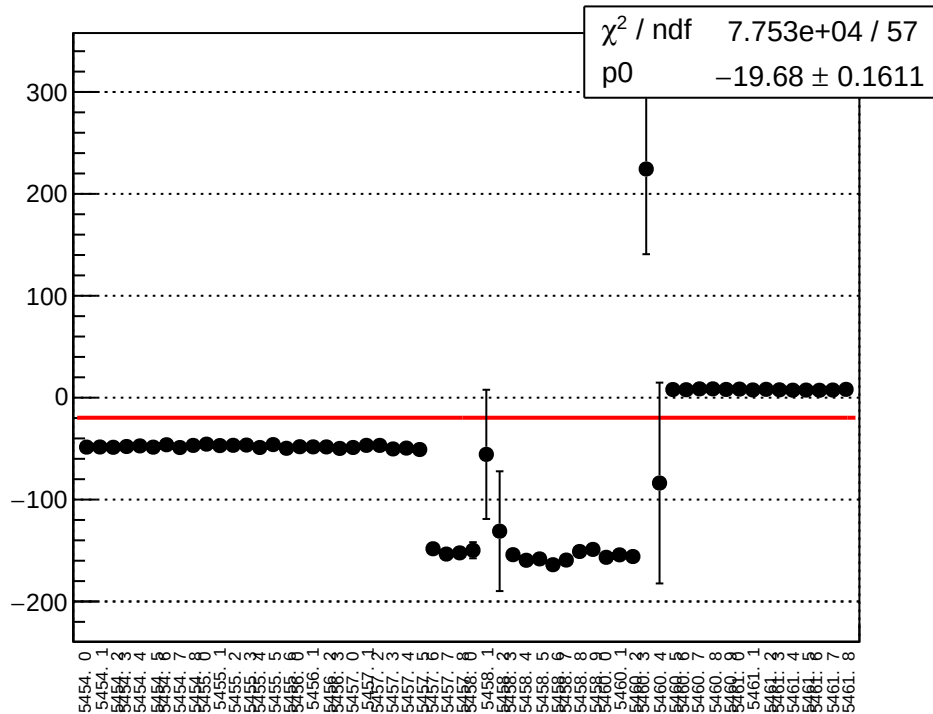
reg\_asym\_at2\_dd\_diff\_bpm4eX\_slope vs run



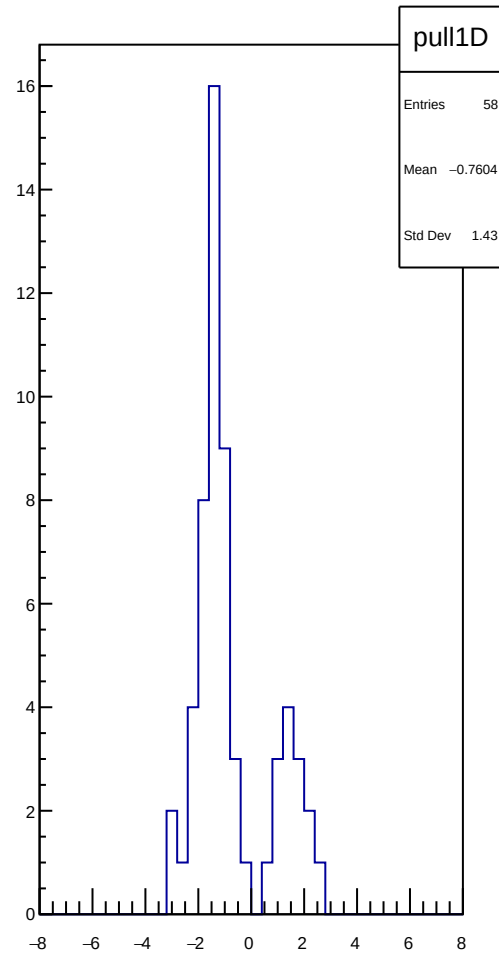
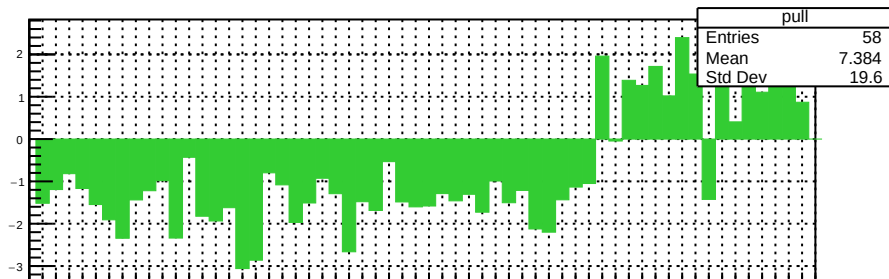
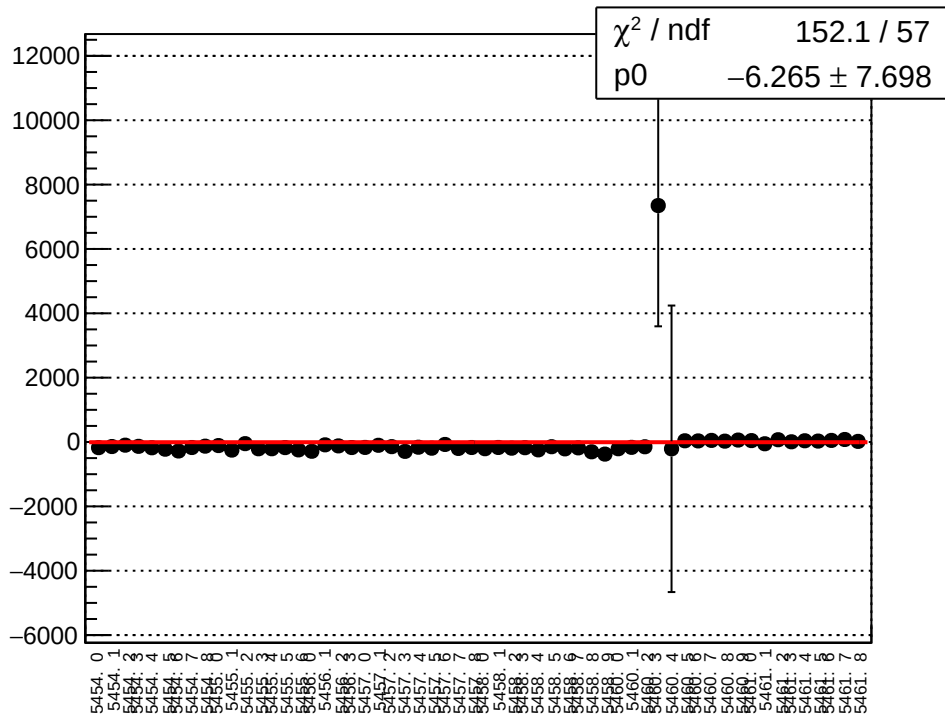
reg\_asym\_at2\_dd\_diff\_bpm4eY\_slope vs run



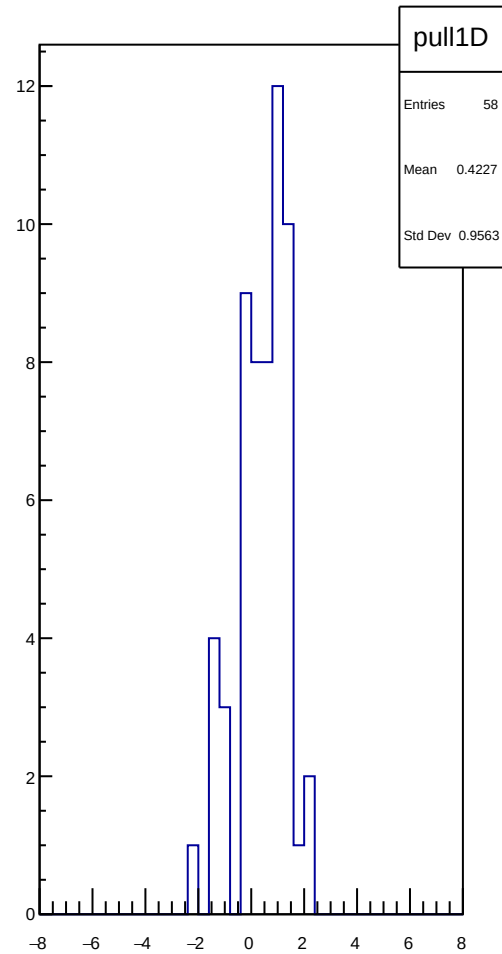
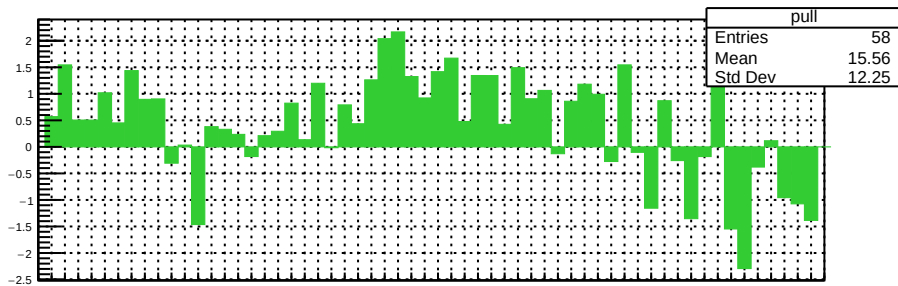
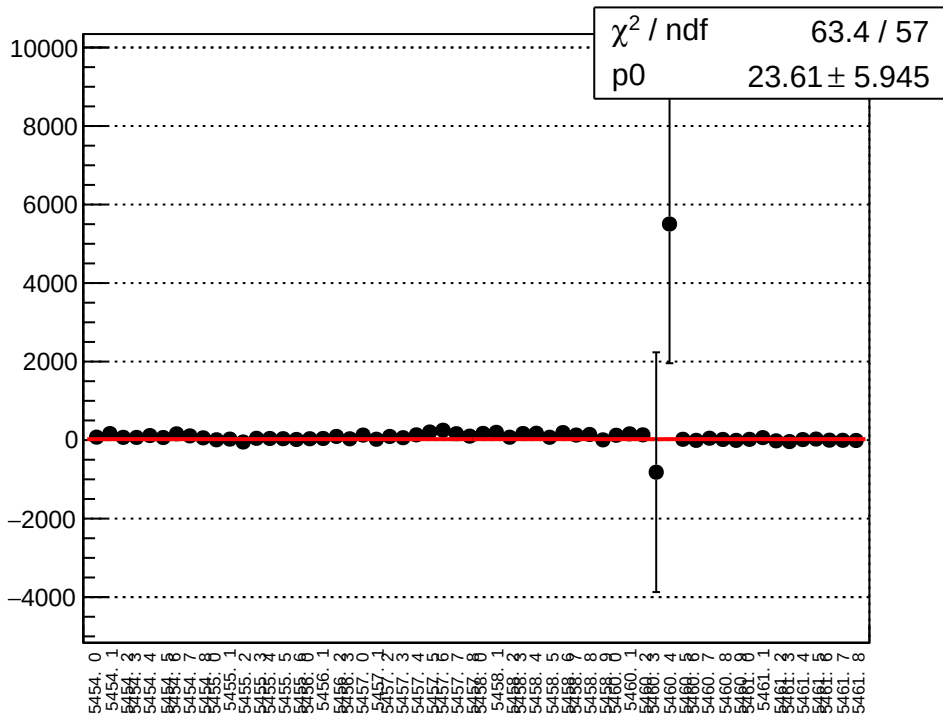
reg\_asym\_at2\_dd\_diff\_bpm12X\_slope vs run



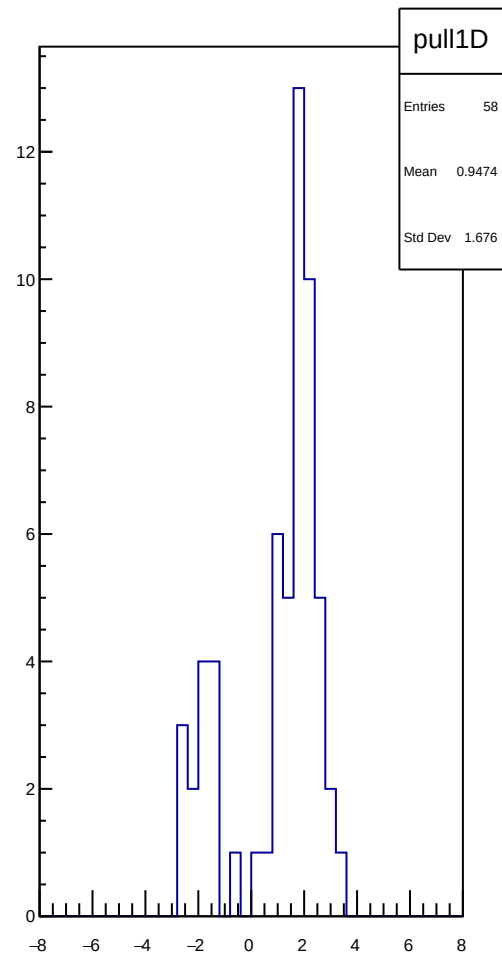
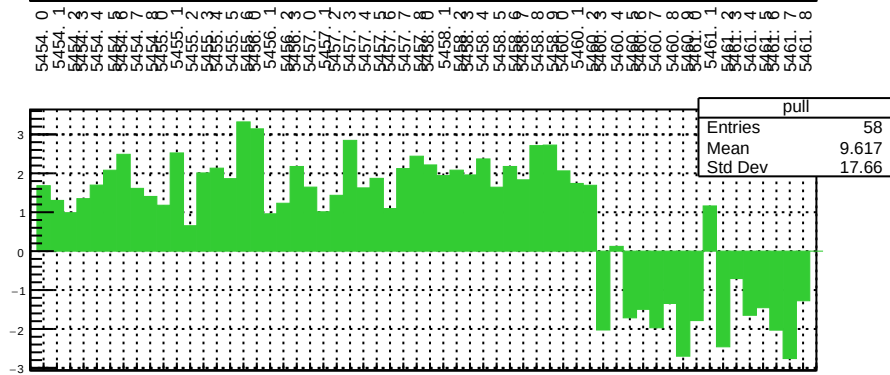
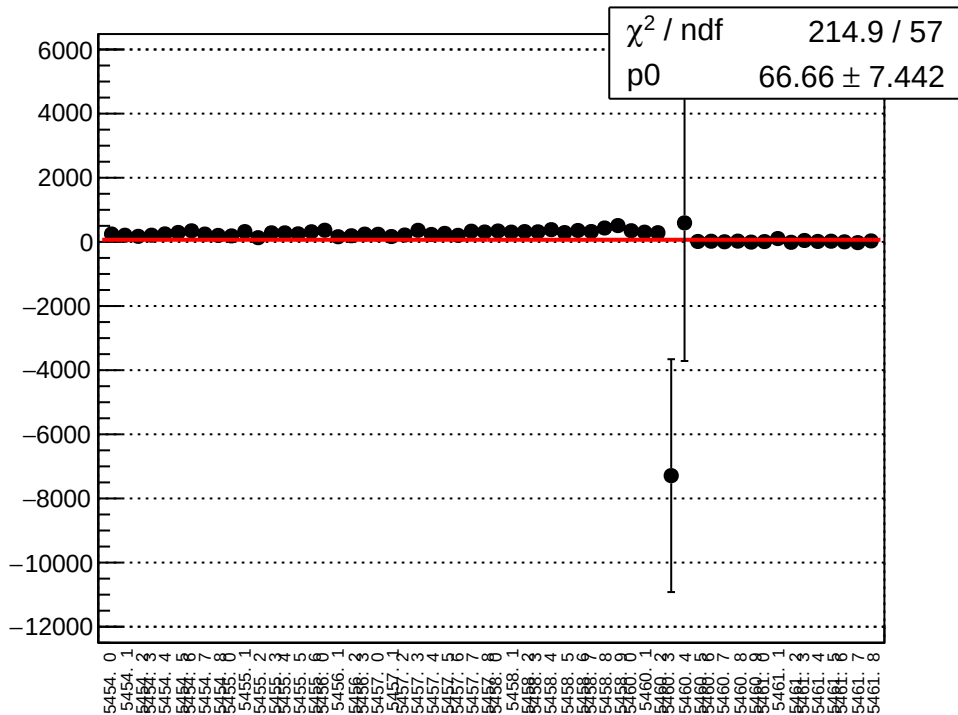
reg\_asym\_atl1r2\_avg\_diff\_bpm4aX\_slope vs run



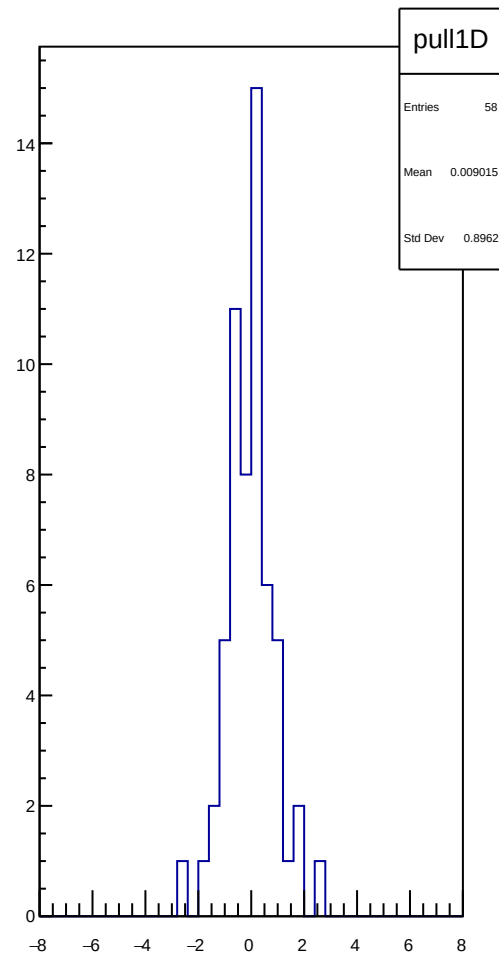
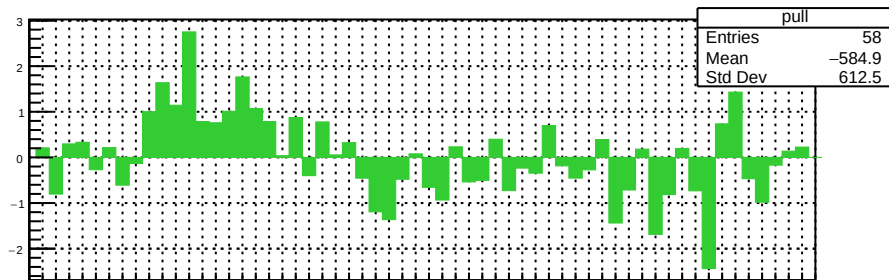
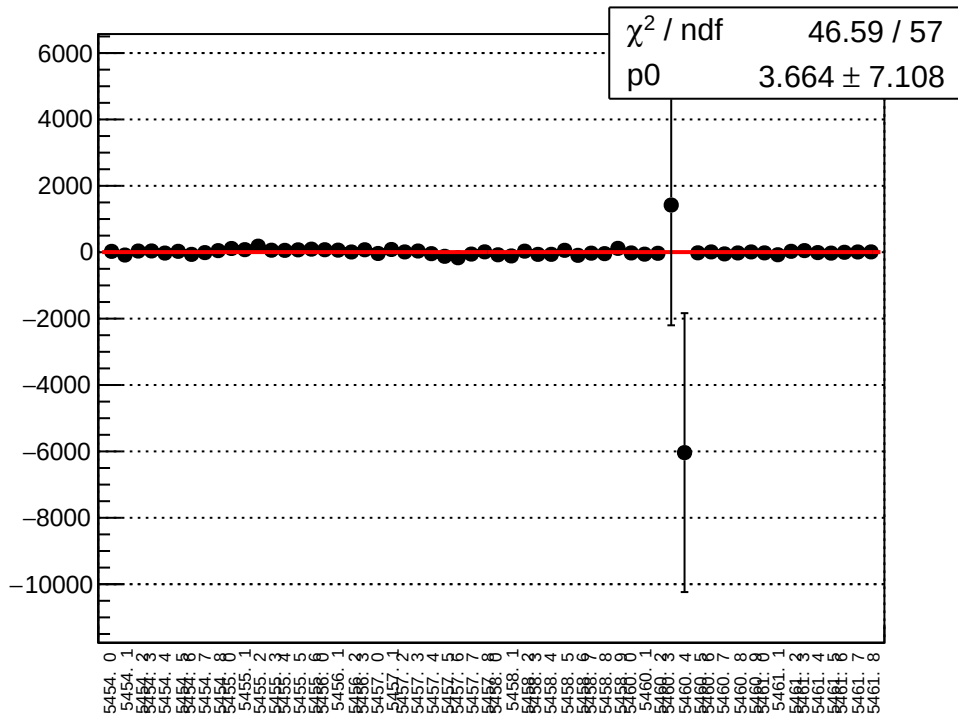
reg\_asym\_atl1r2\_avg\_diff\_bpm4aY\_slope vs run



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

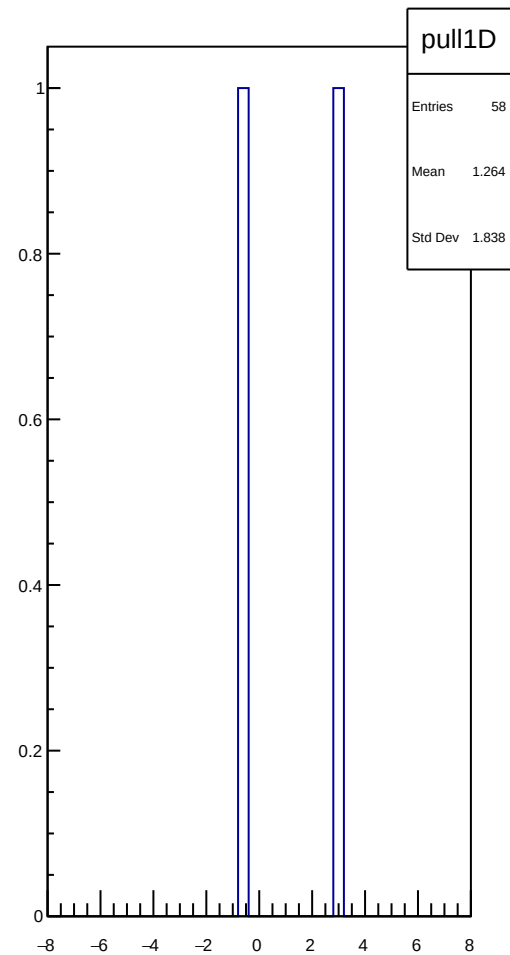
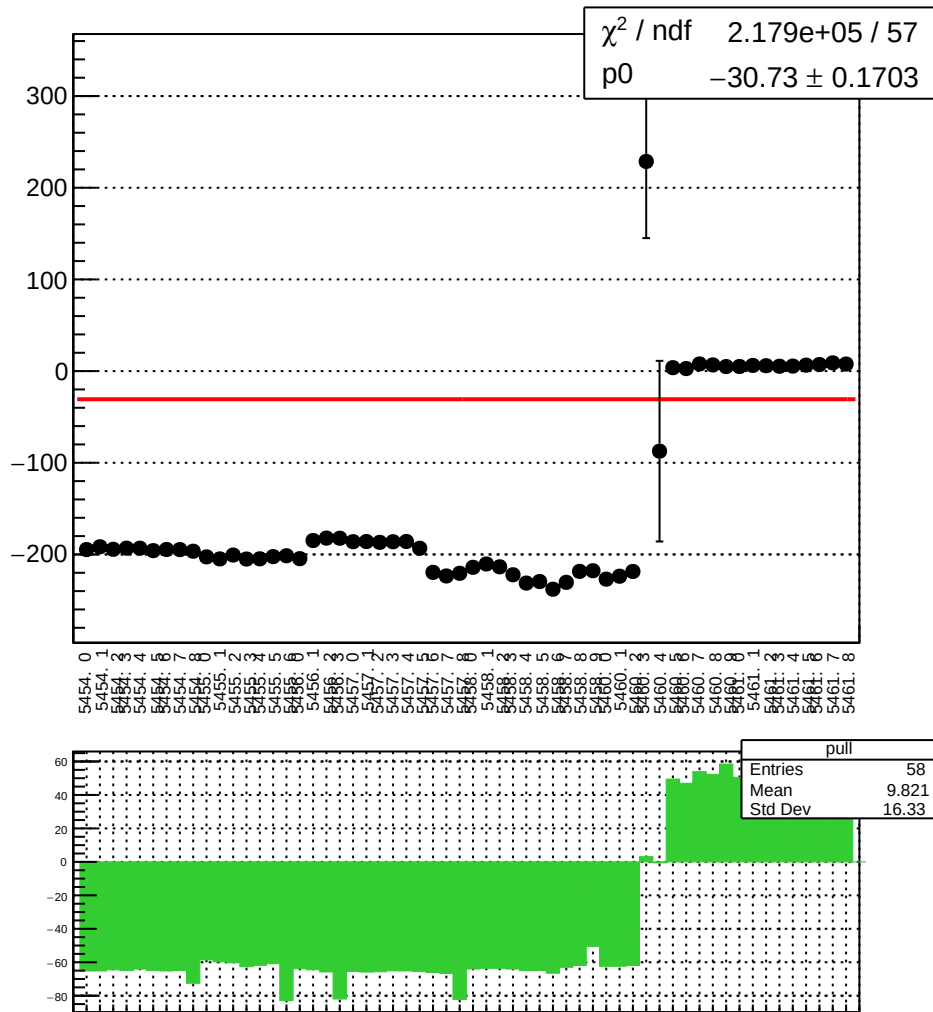


reg\_asym\_atl1r2\_avg\_diff\_bpm4eY\_slope vs run

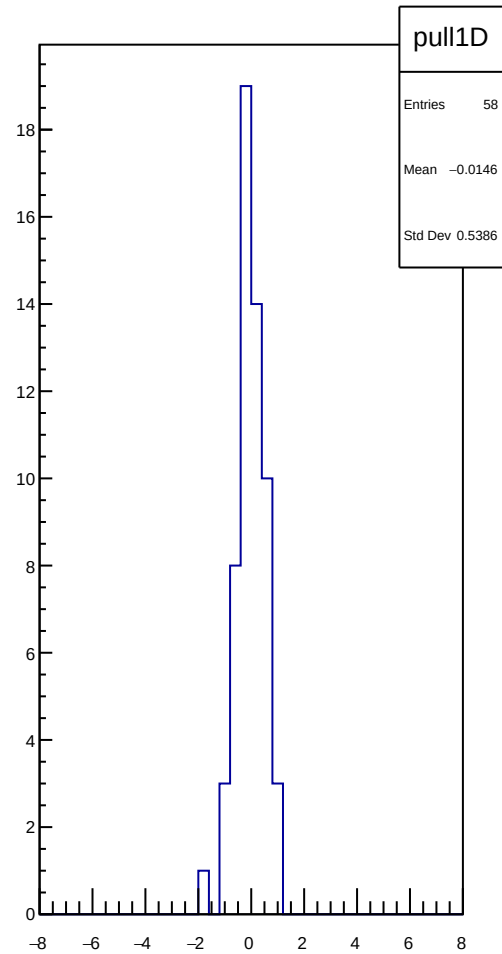
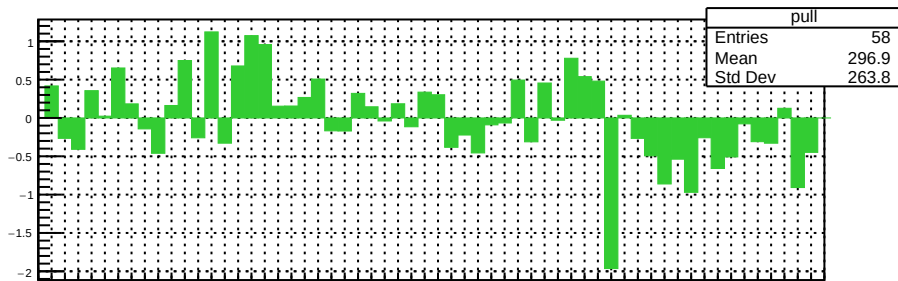
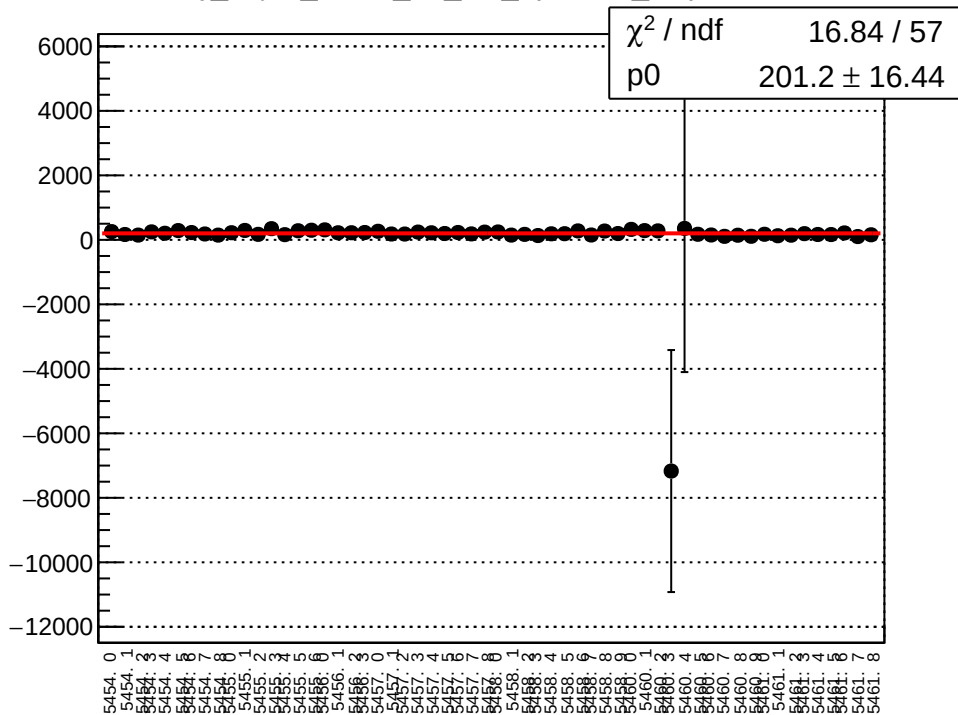




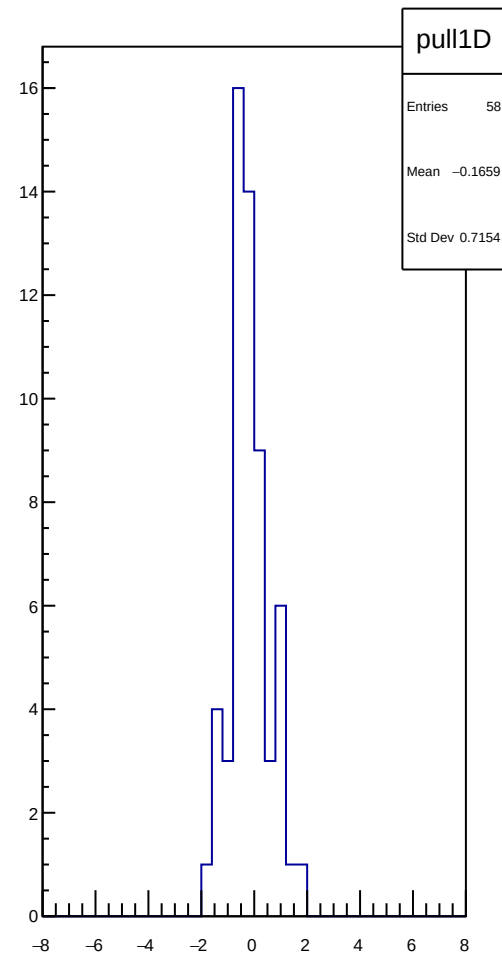
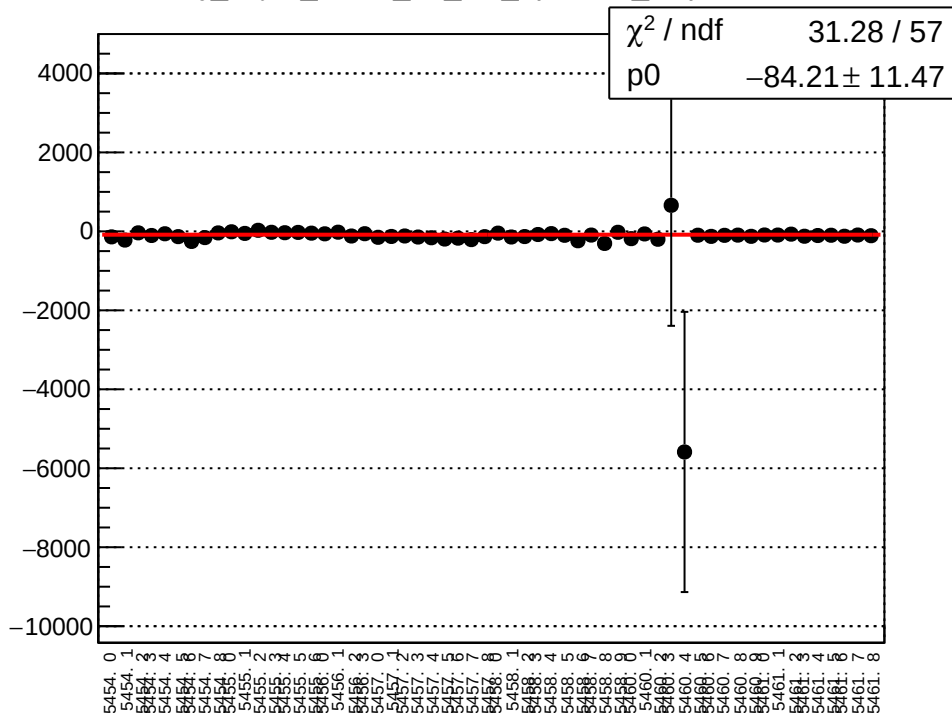
reg\_asym\_atl1r2\_avg\_diff\_bpm12X\_slope vs run



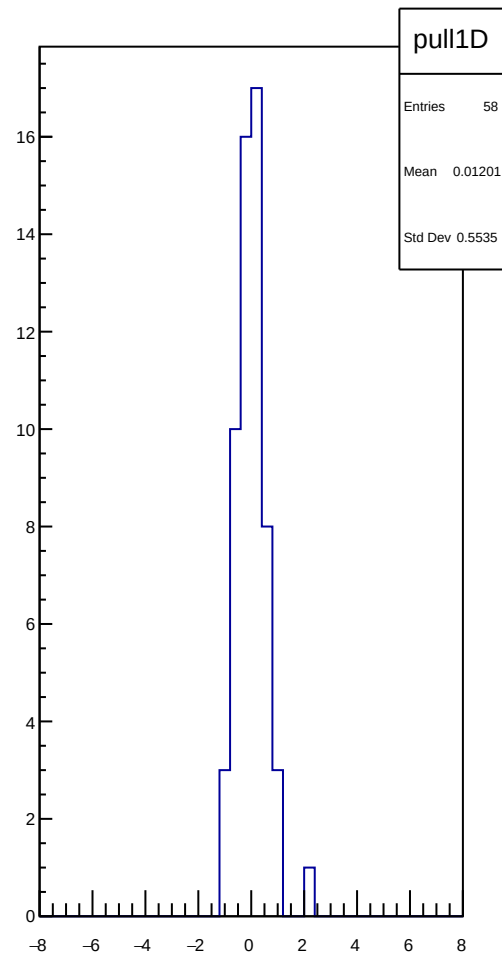
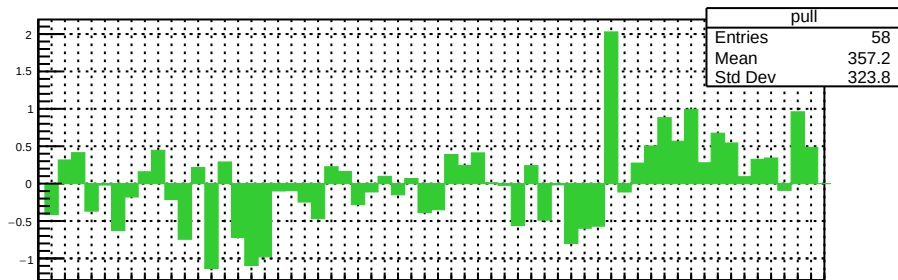
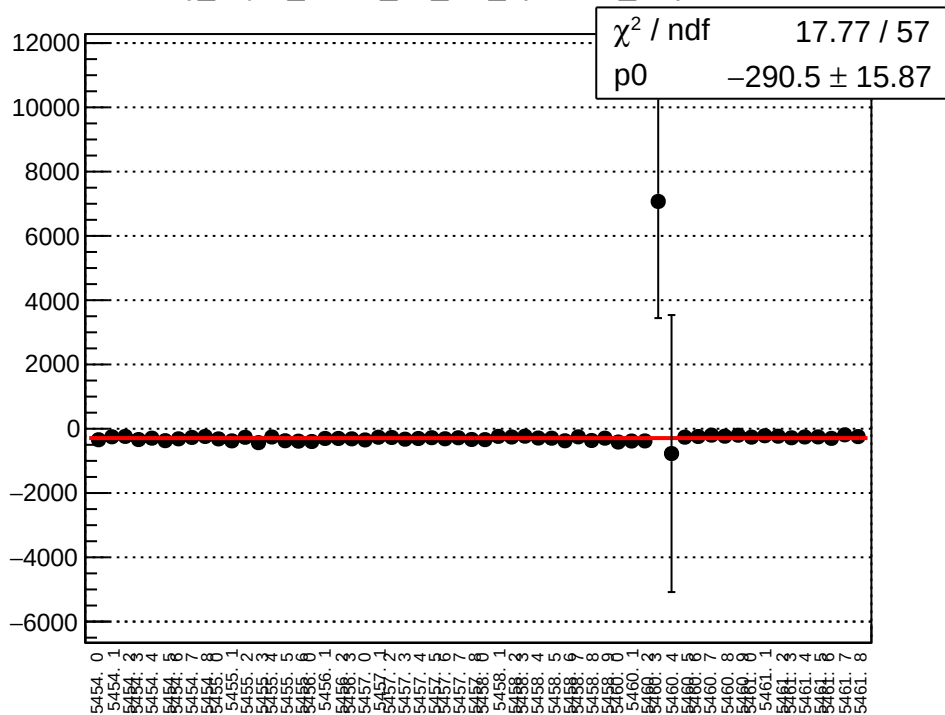
reg\_asym\_atl1r2\_dd\_diff\_bpm4aX\_slope vs run



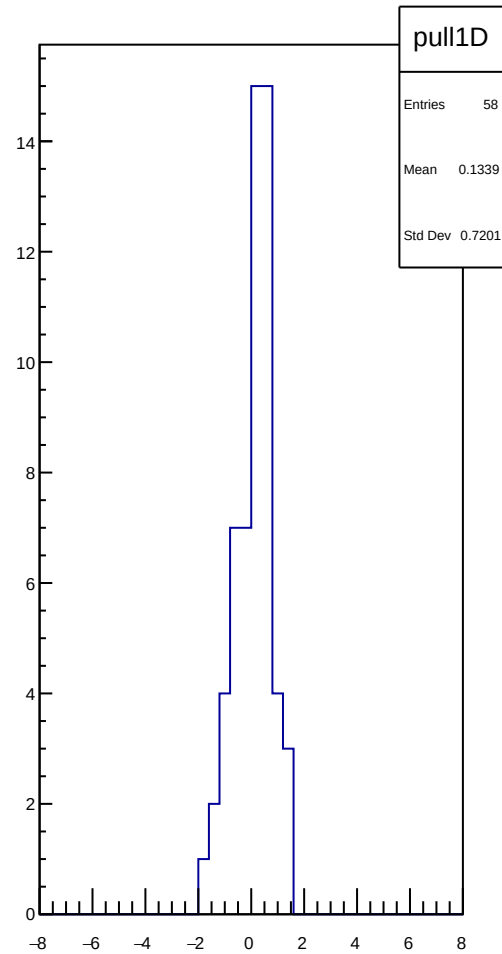
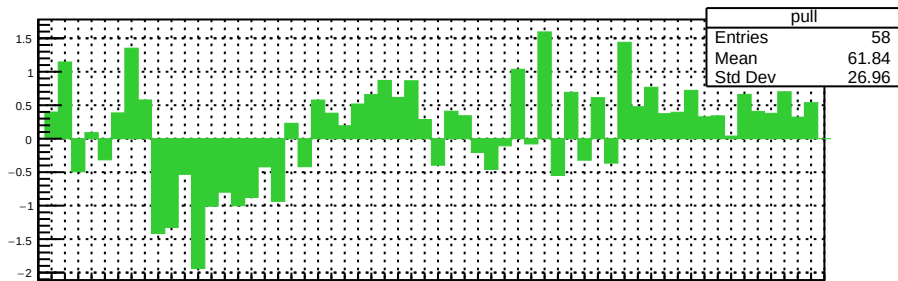
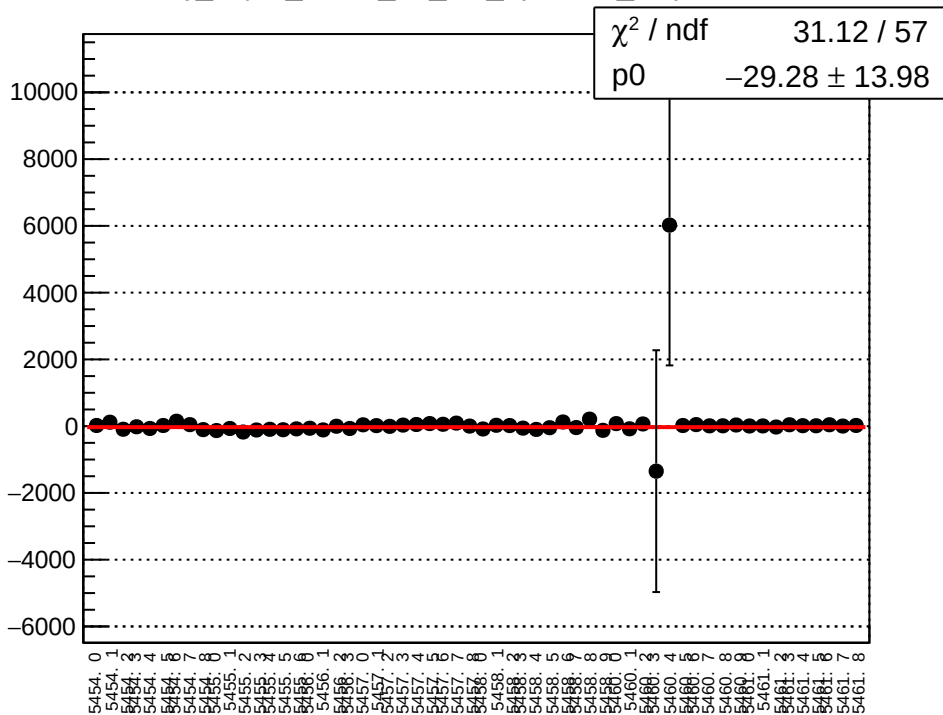
reg\_asym\_atl1r2\_dd\_diff\_bpm4aY\_slope vs run



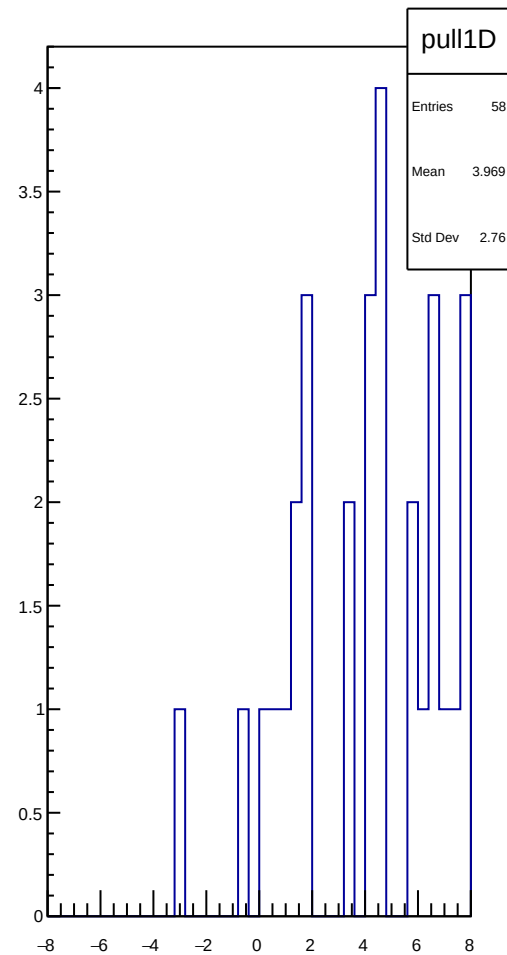
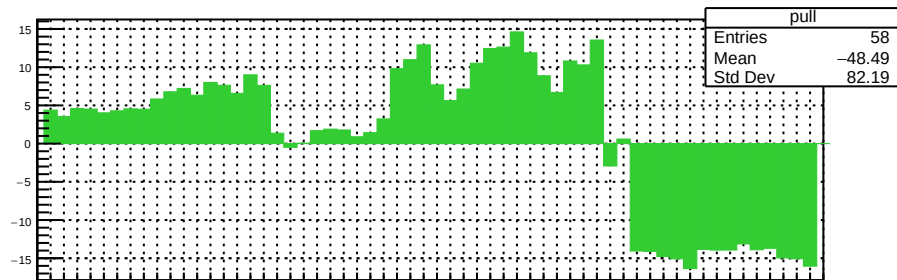
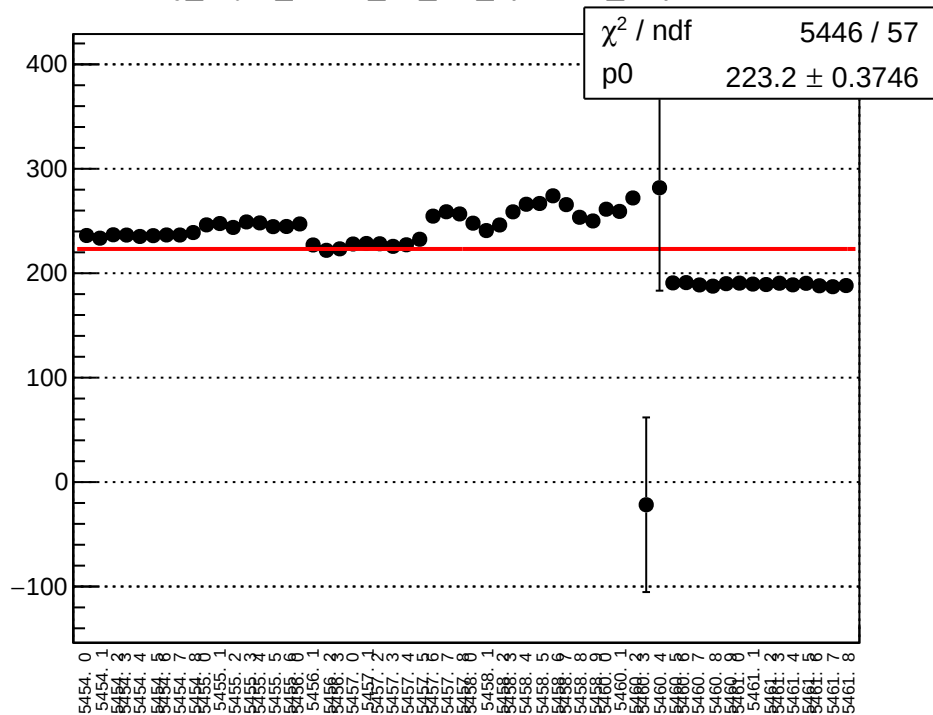
reg\_asym\_atl1r2\_dd\_diff\_bpm4eX\_slope vs run



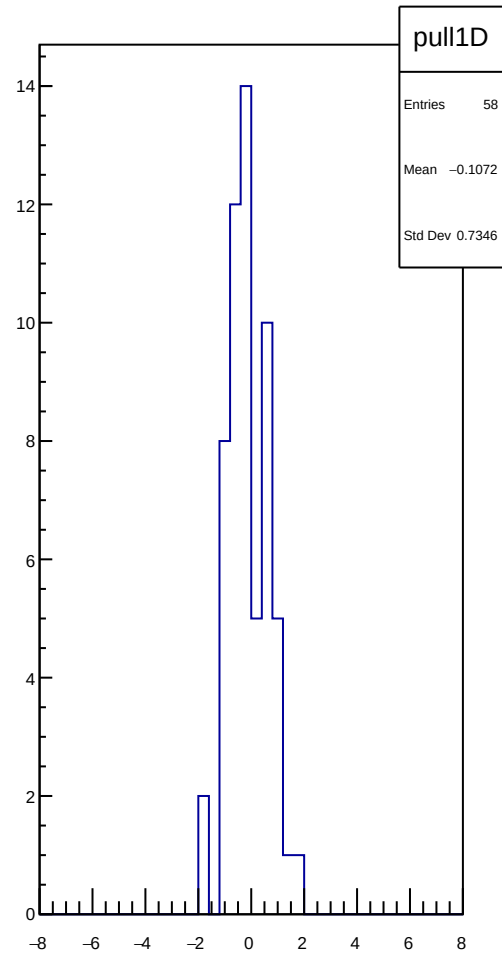
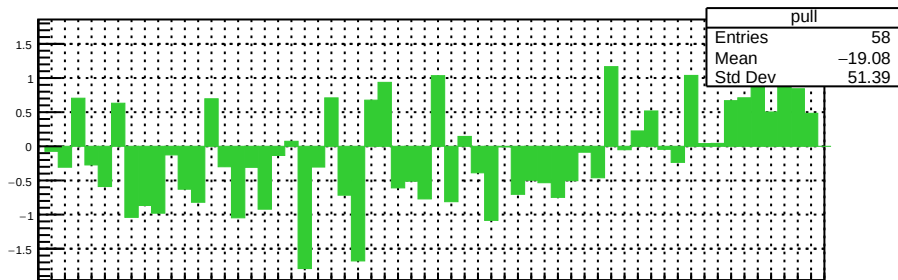
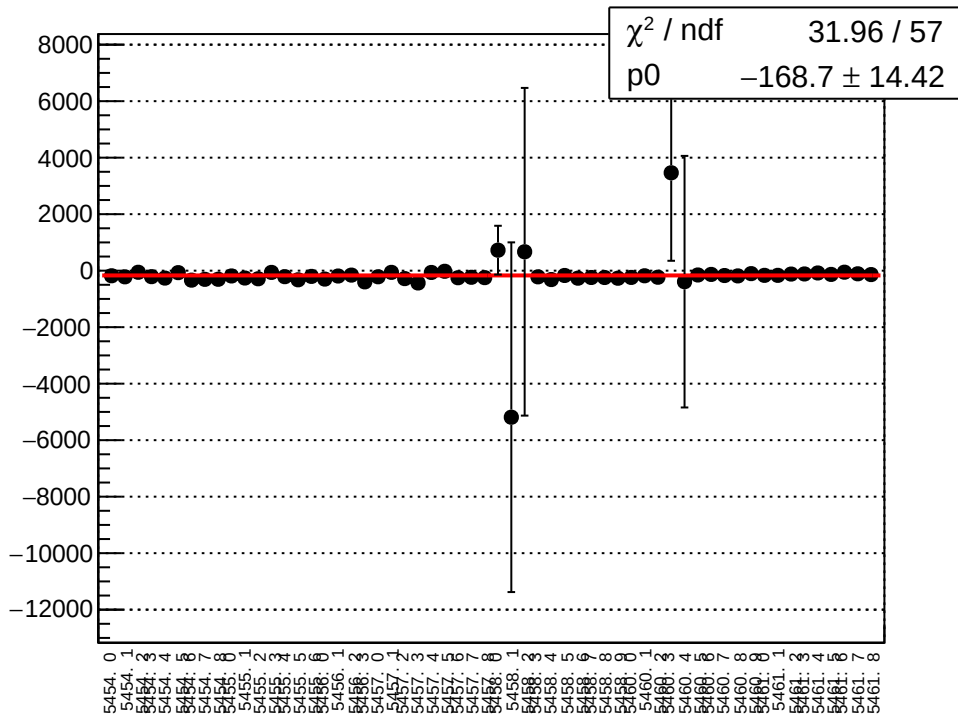
reg\_asym\_atl1r2\_dd\_diff\_bpm4eY\_slope vs run



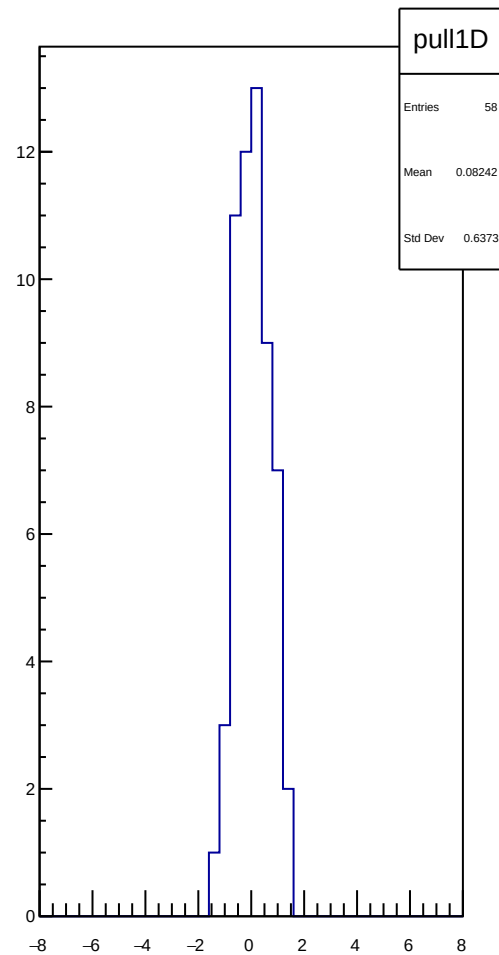
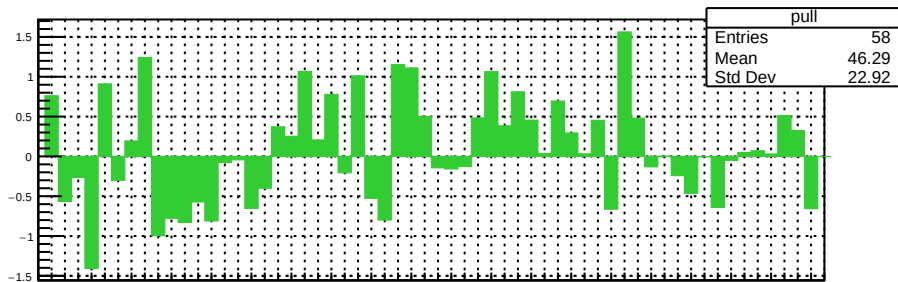
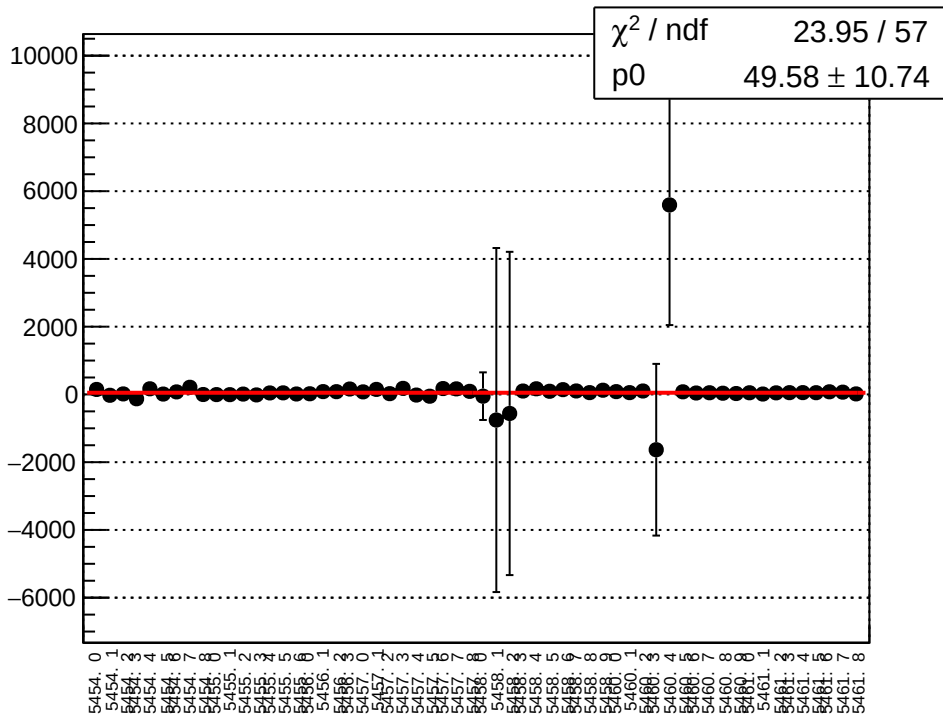
reg\_asym\_atl1r2\_dd\_diff\_bpm12X\_slope vs run



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

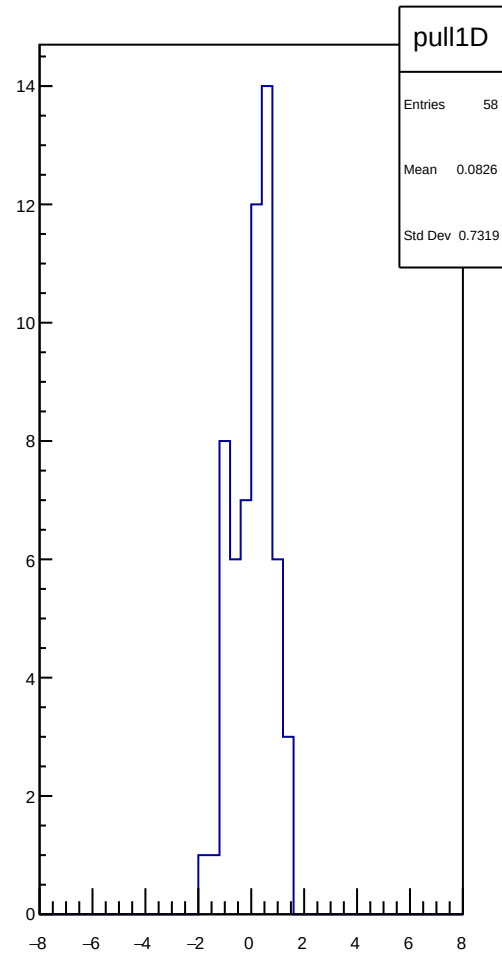
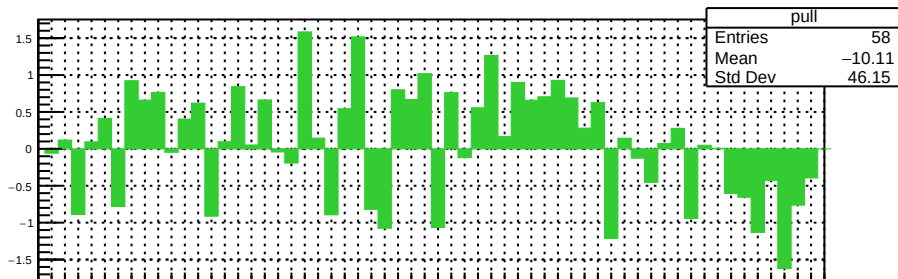
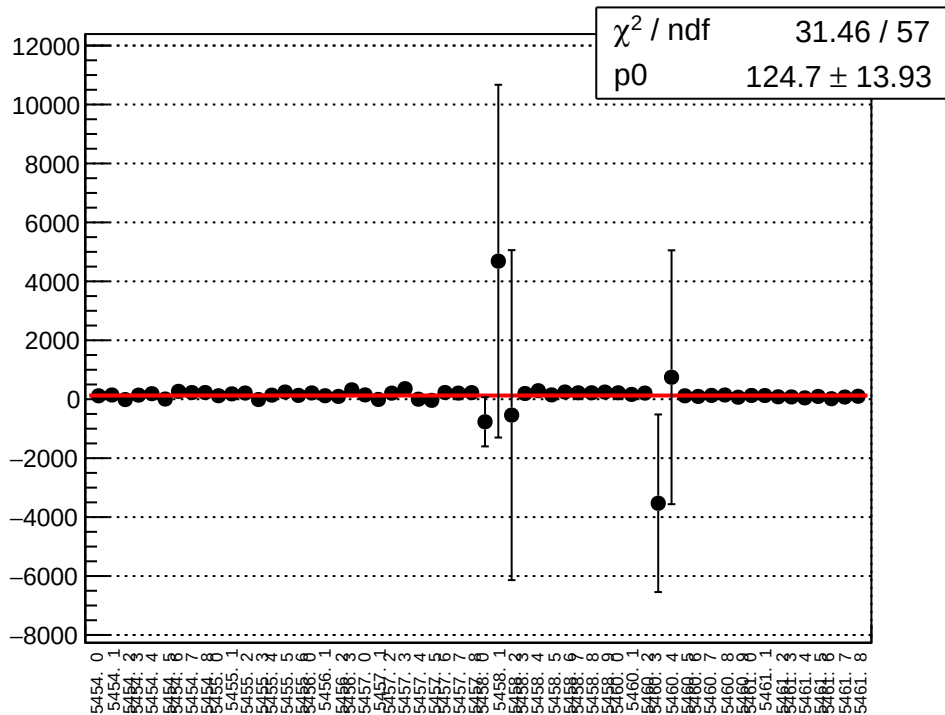


reg\_asym\_atr1l2\_avg\_diff\_bpm4aY\_slope vs run

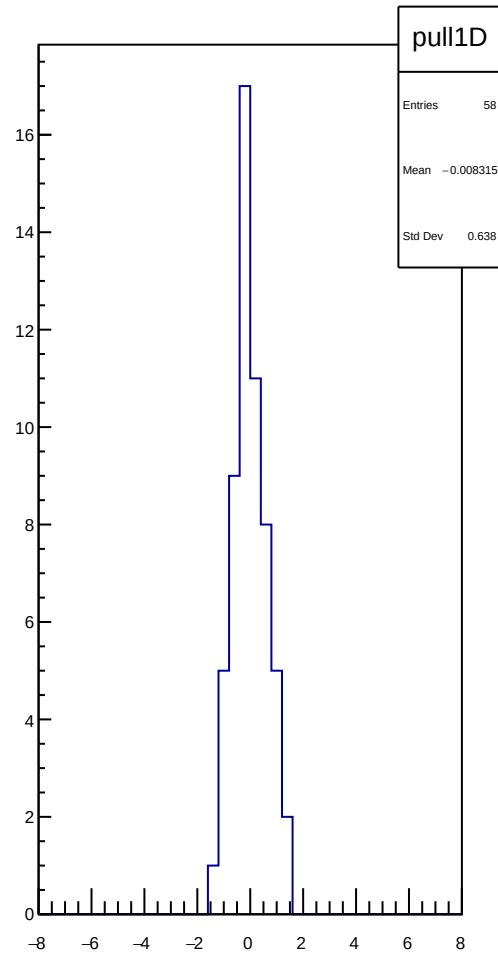
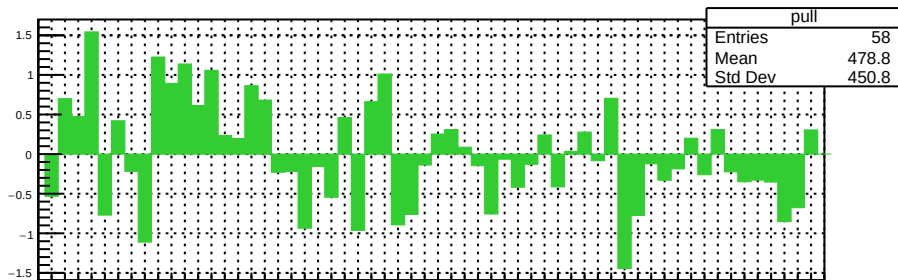
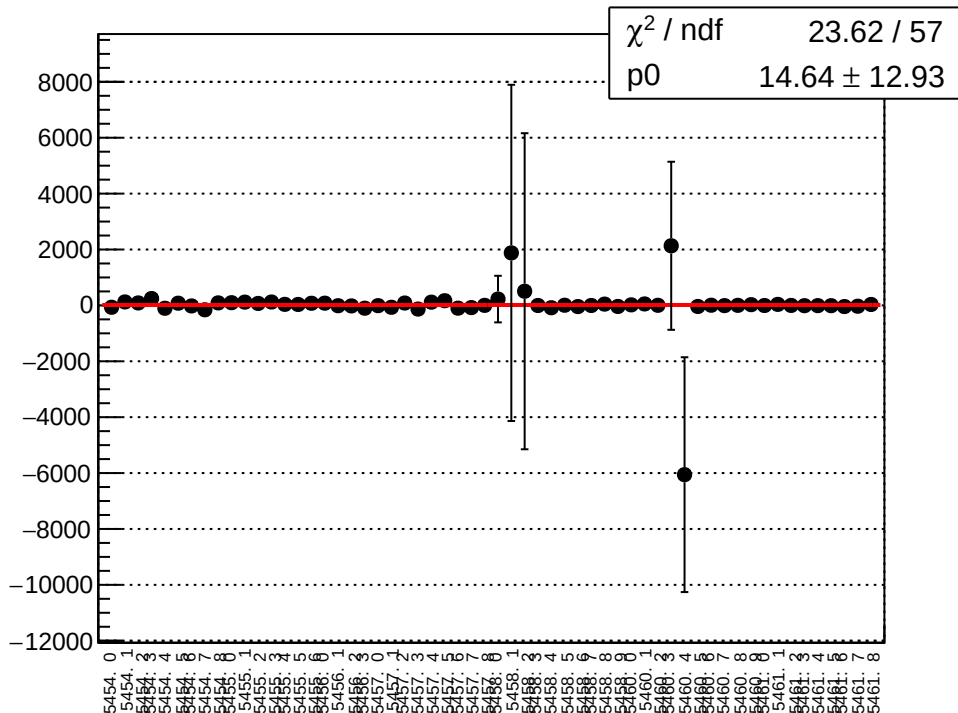




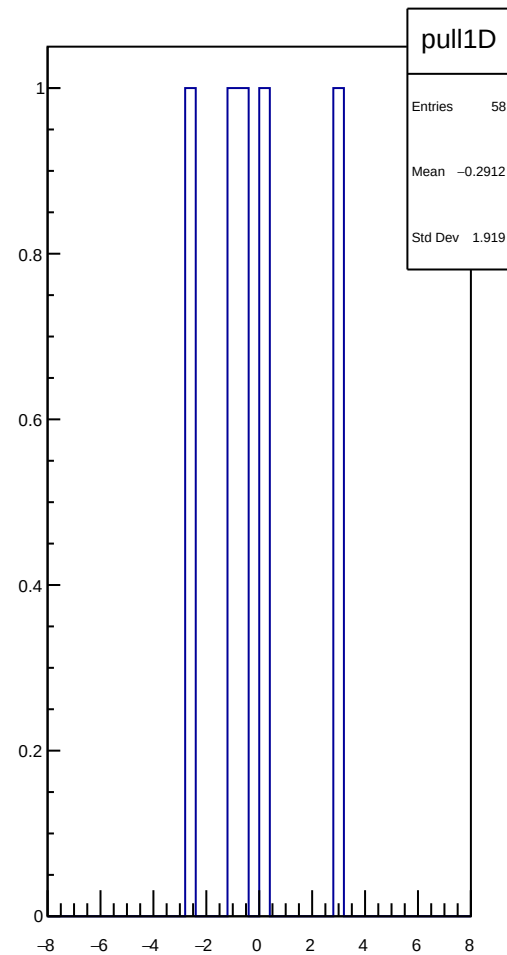
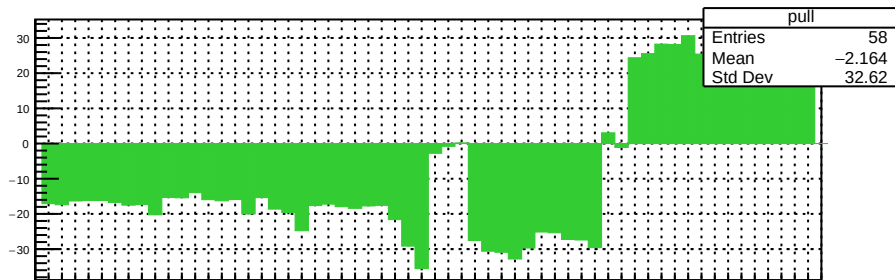
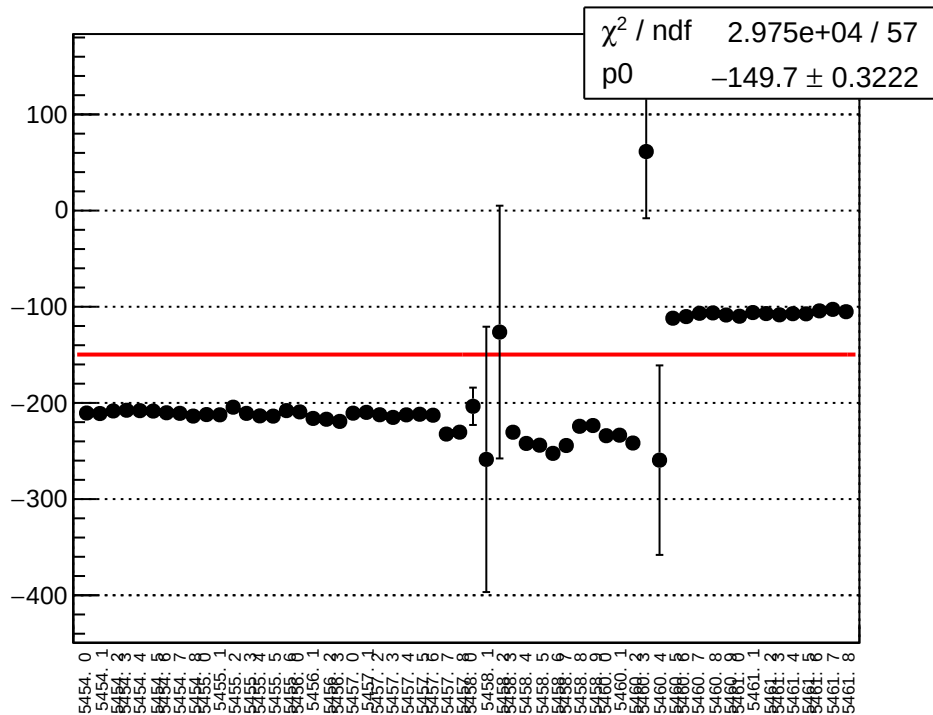
reg\_asym\_atr1l2\_avg\_diff\_bpm4eX\_slope vs run



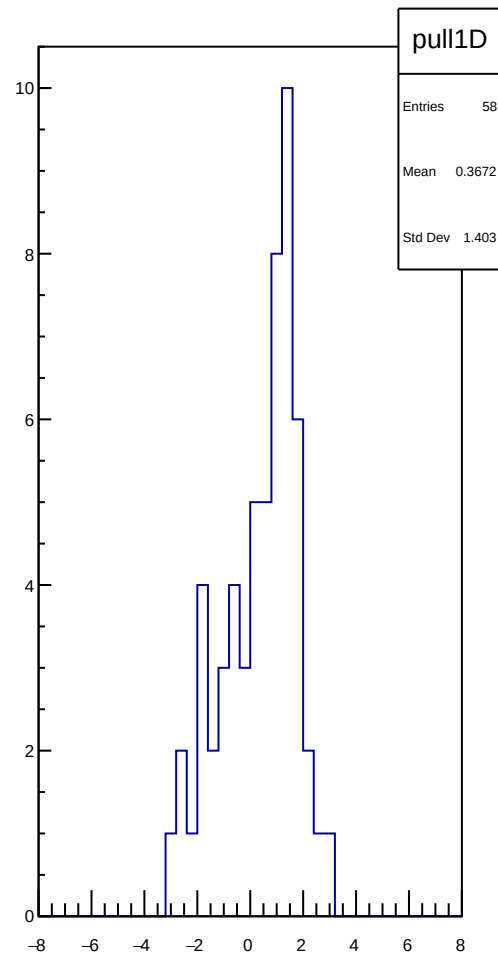
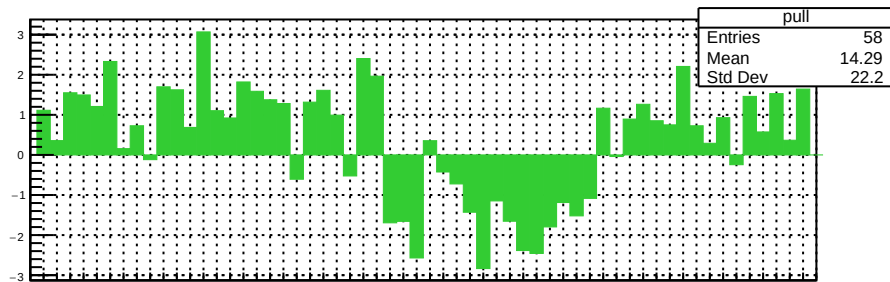
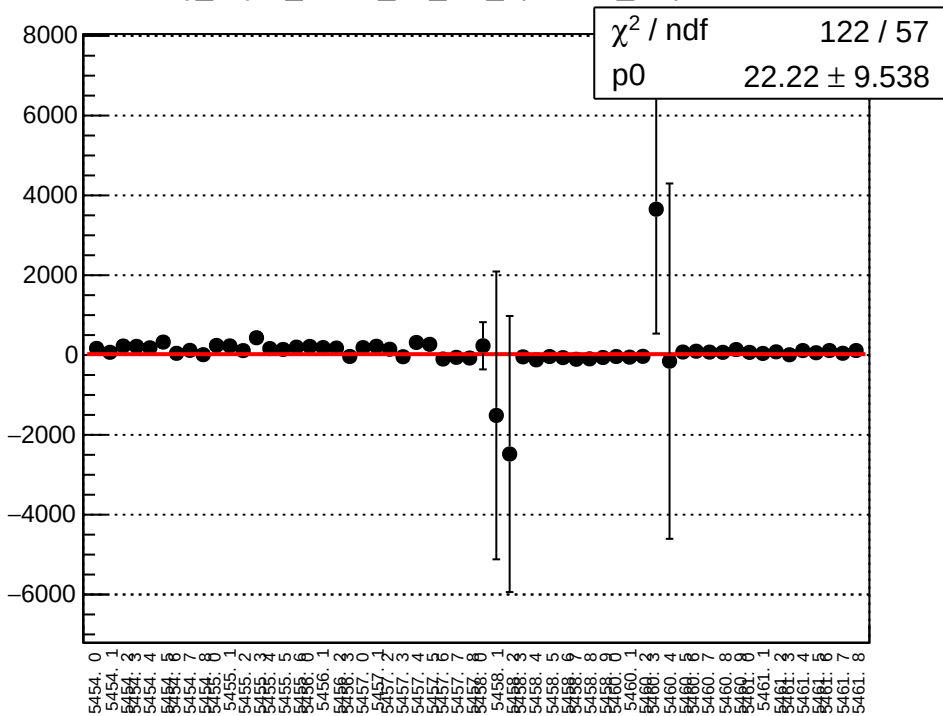
reg\_asym\_atr1l2\_avg\_diff\_bpm4eY\_slope vs run



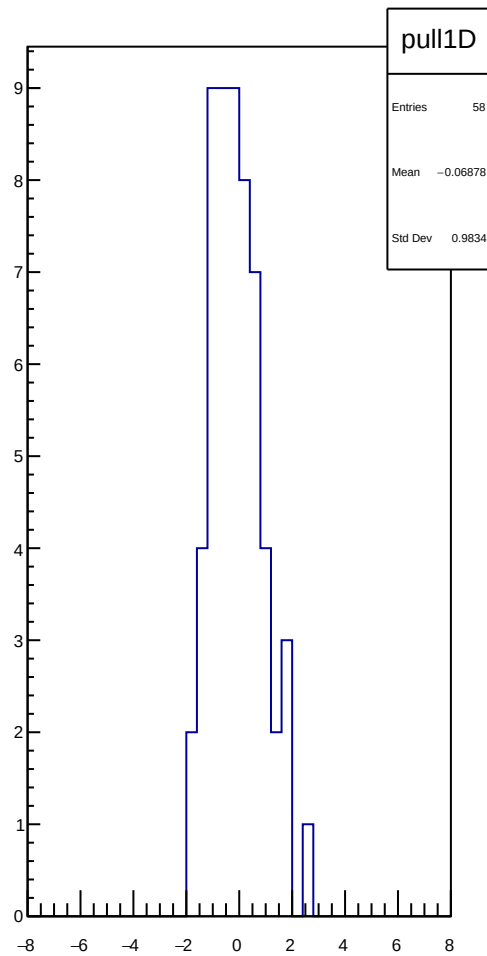
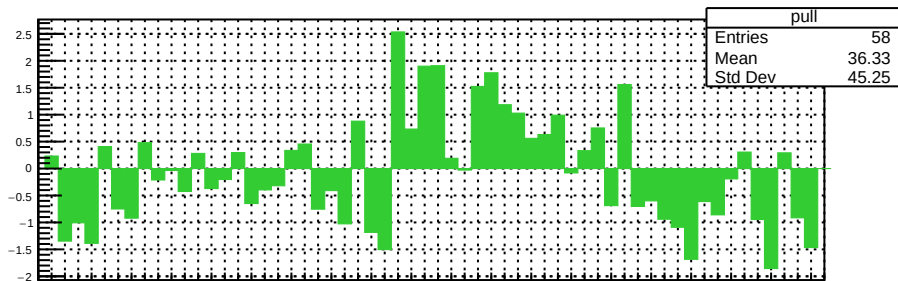
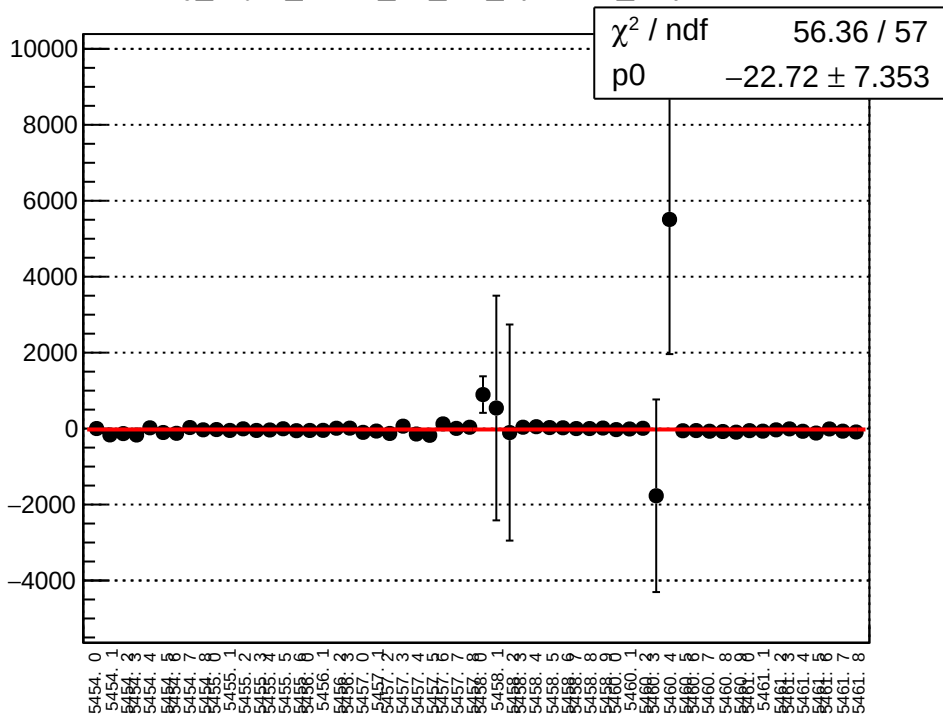
reg\_asym\_atr1l2\_avg\_diff\_bpm12X\_slope vs run



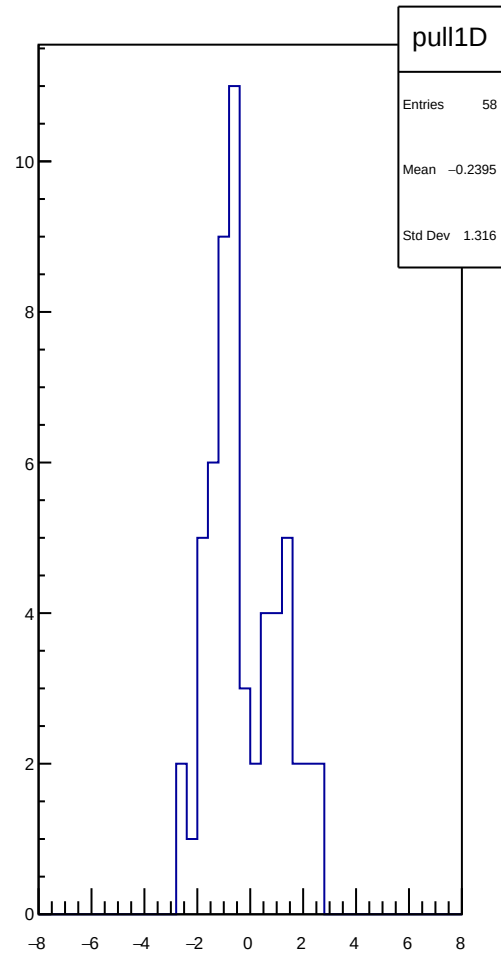
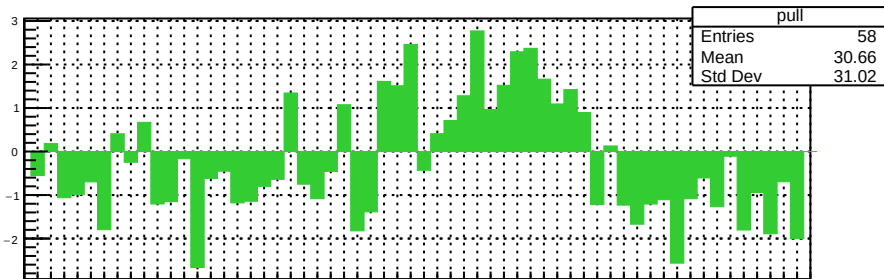
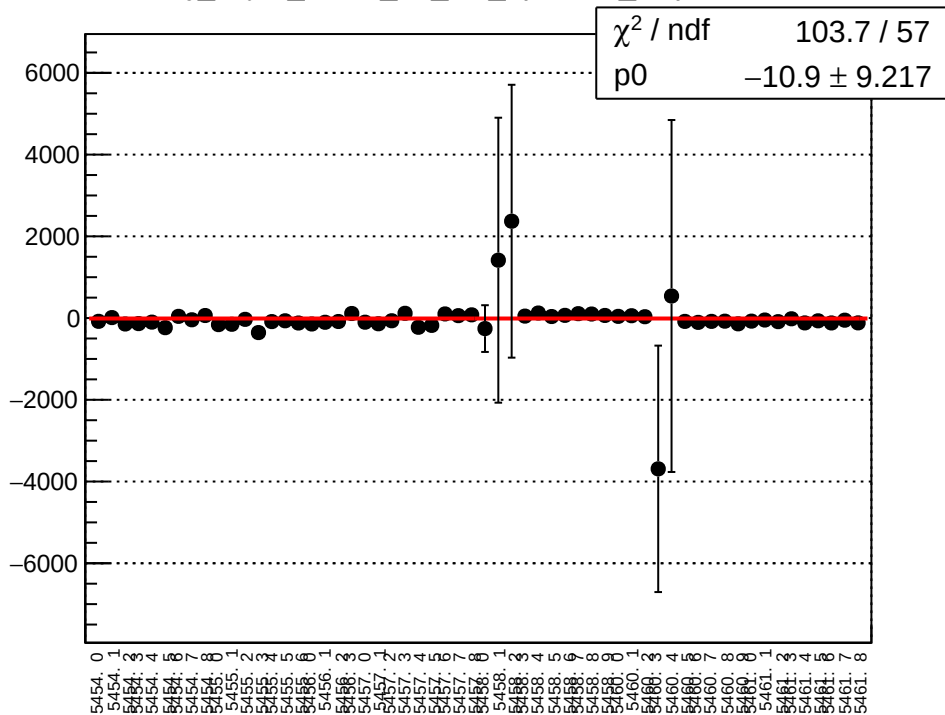
reg\_asym\_atr1l2\_dd\_diff\_bpm4aX\_slope vs run



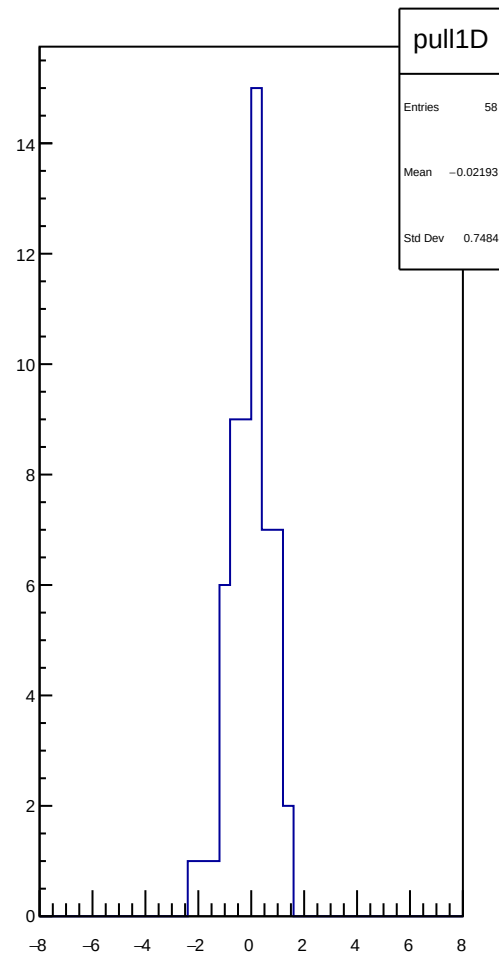
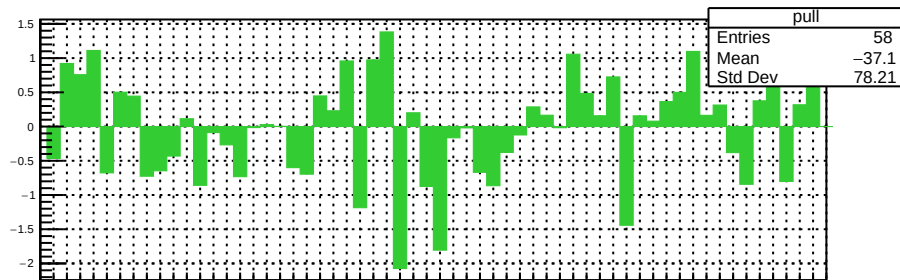
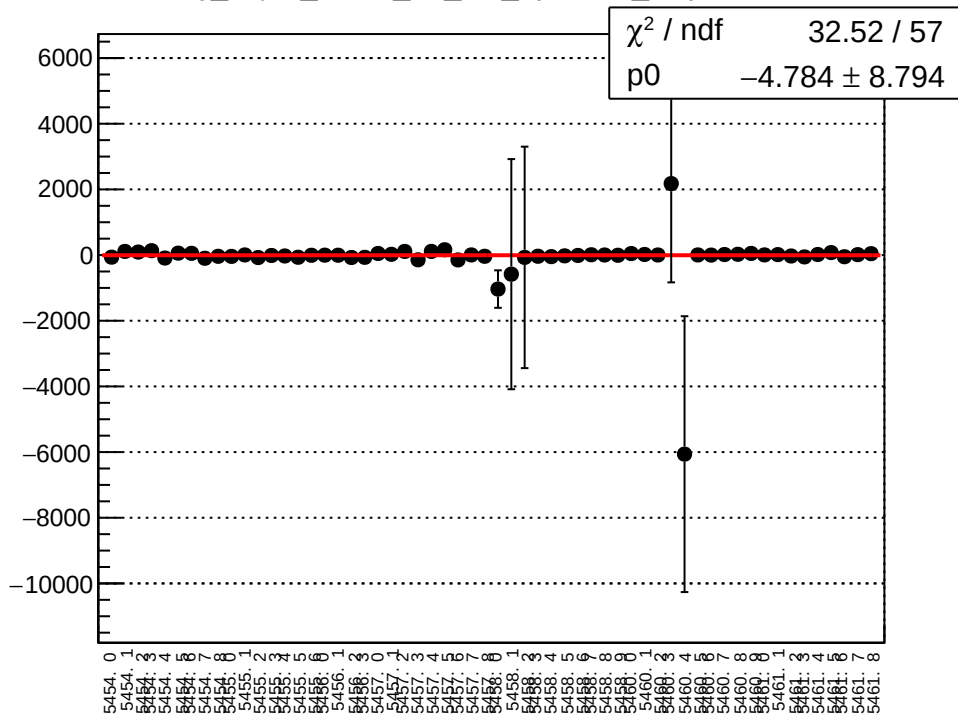
reg\_asym\_atr1l2\_dd\_diff\_bpm4aY\_slope vs run



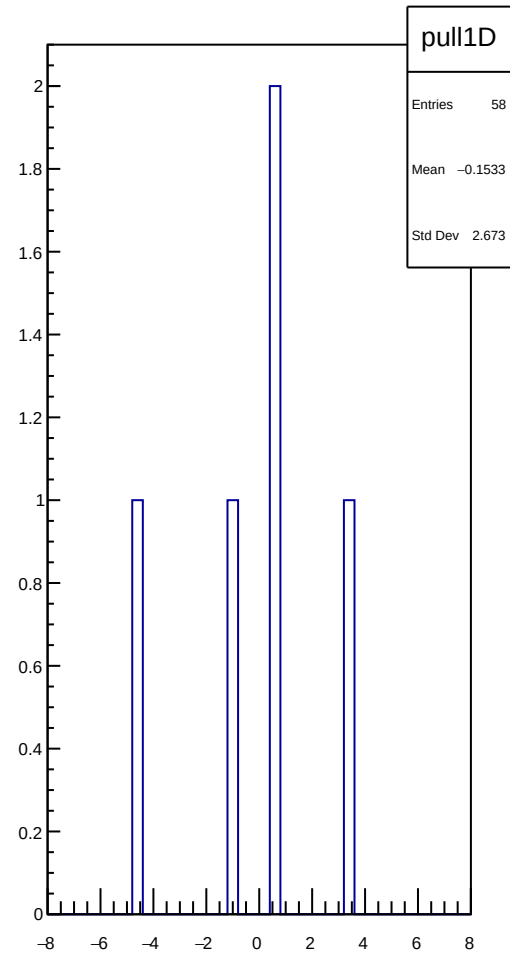
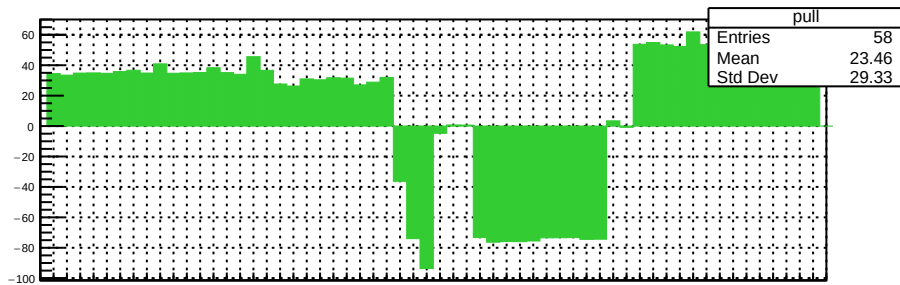
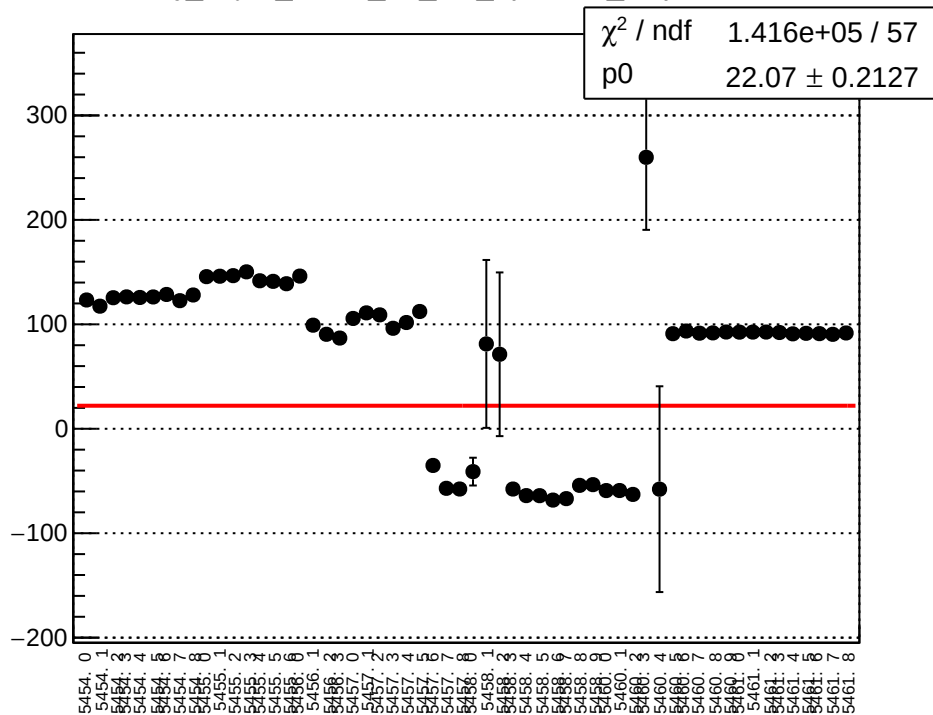
reg\_asym\_atr1l2\_dd\_diff\_bpm4eX\_slope vs run



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

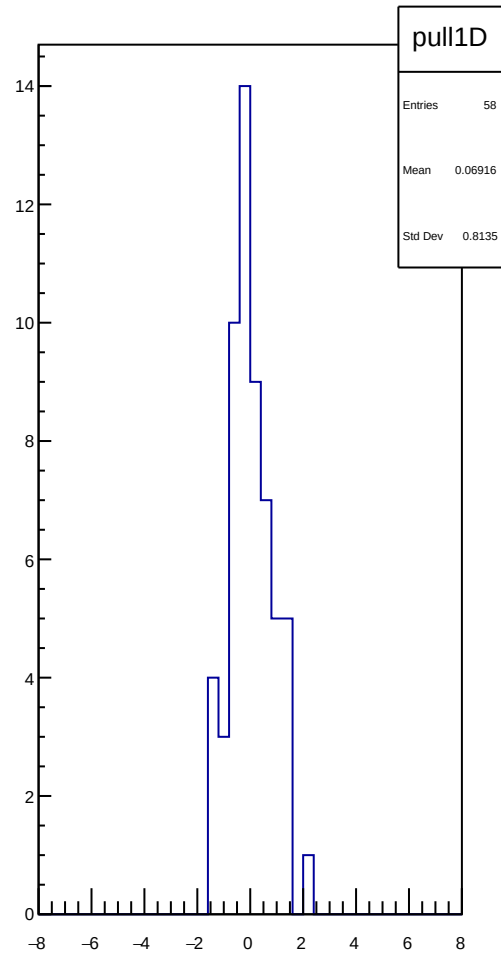
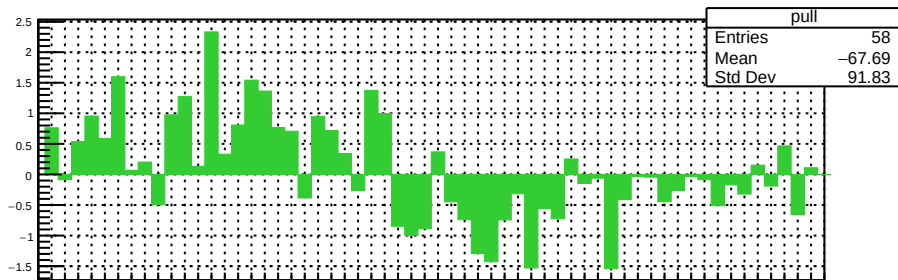
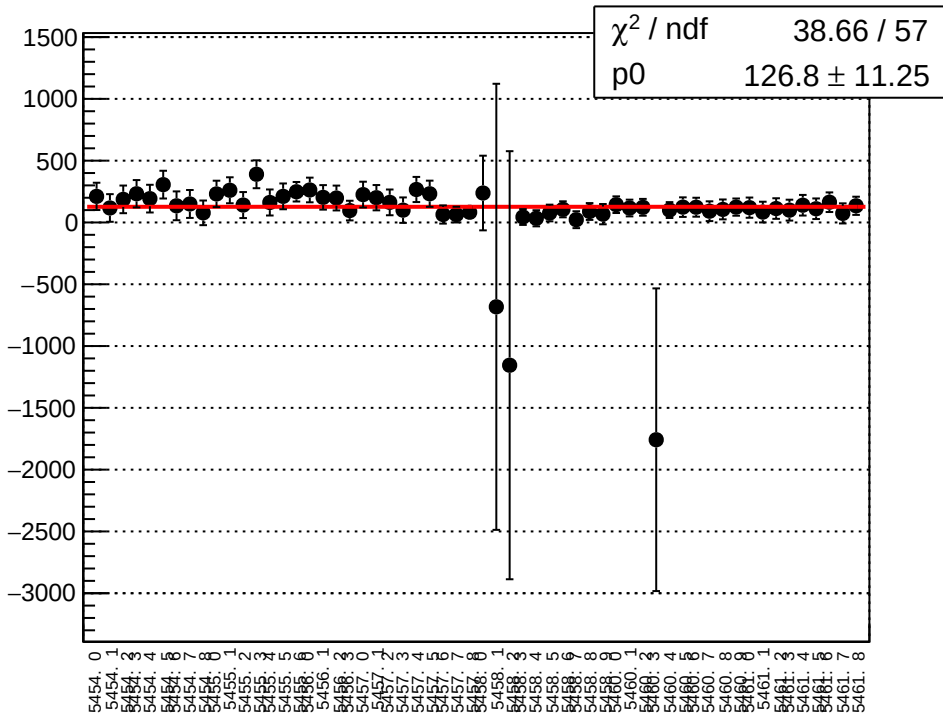


reg\_asym\_atr1l2\_dd\_diff\_bpm12X\_slope vs run

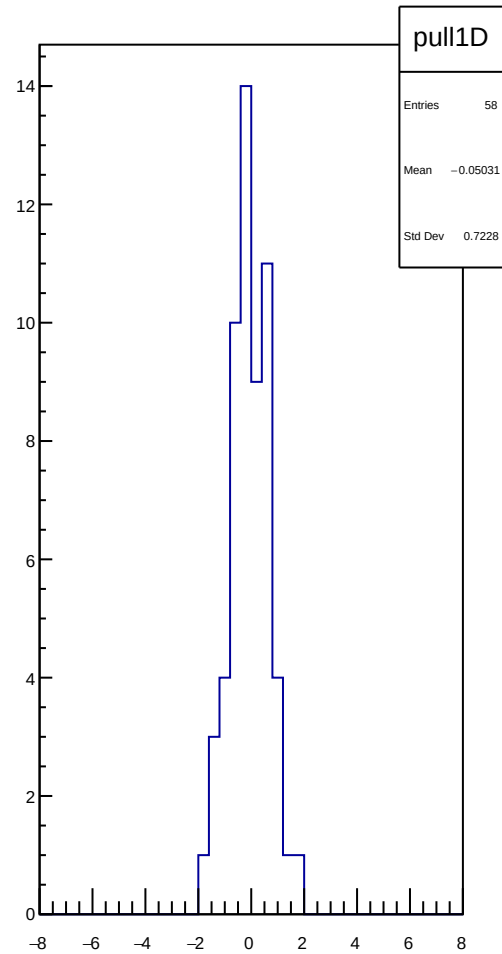
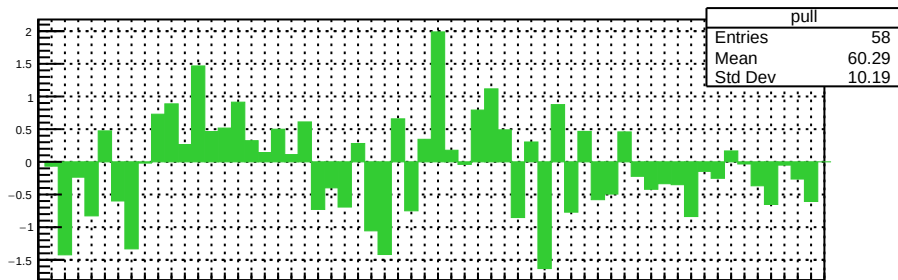
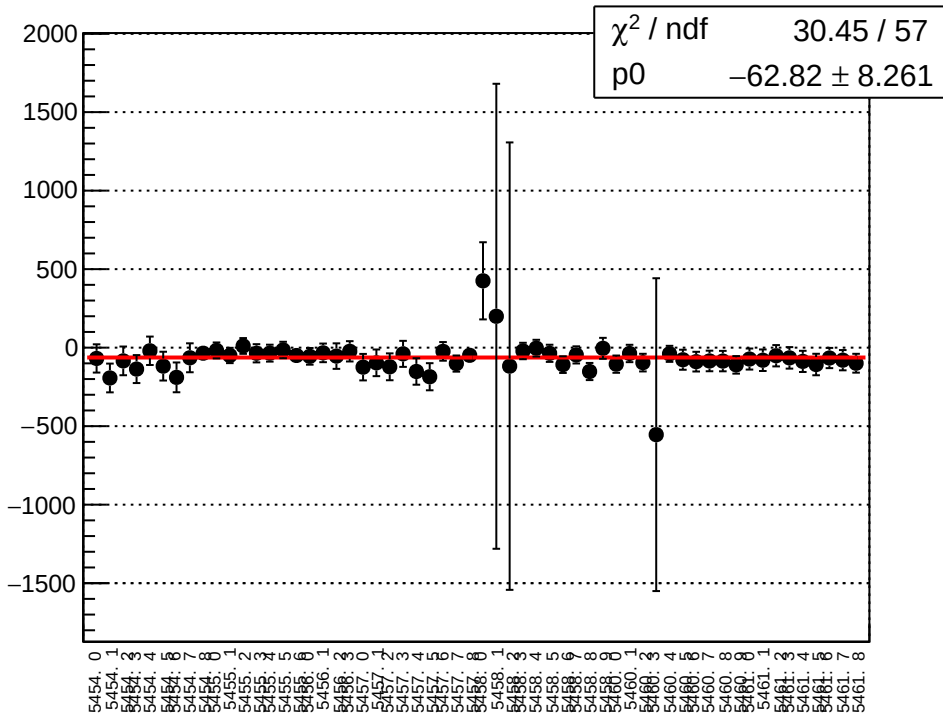




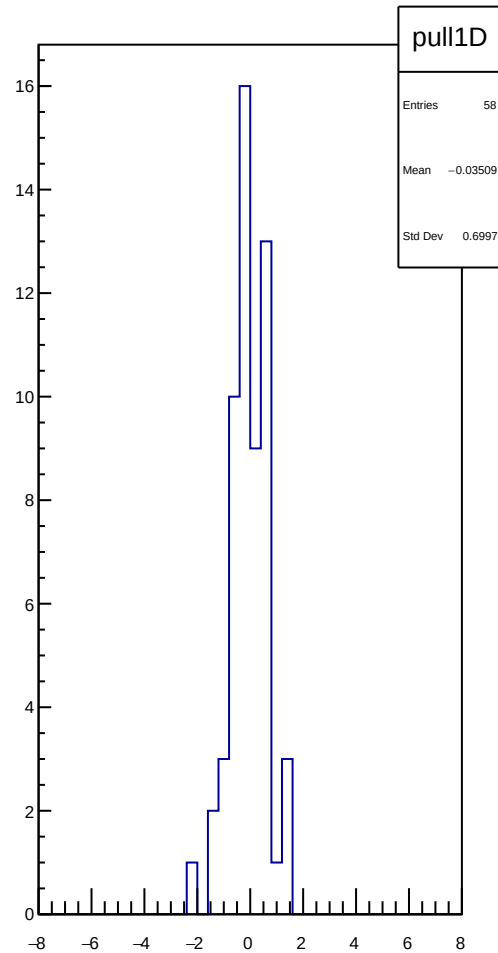
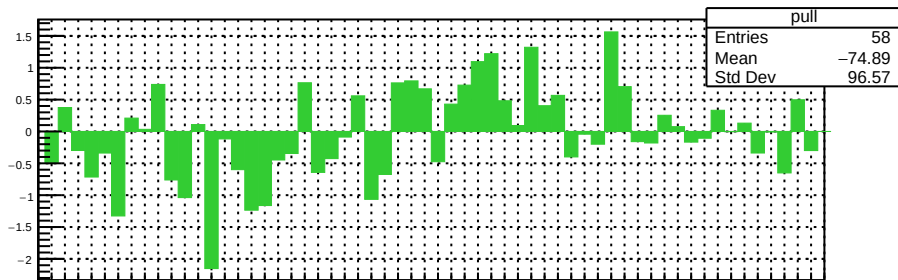
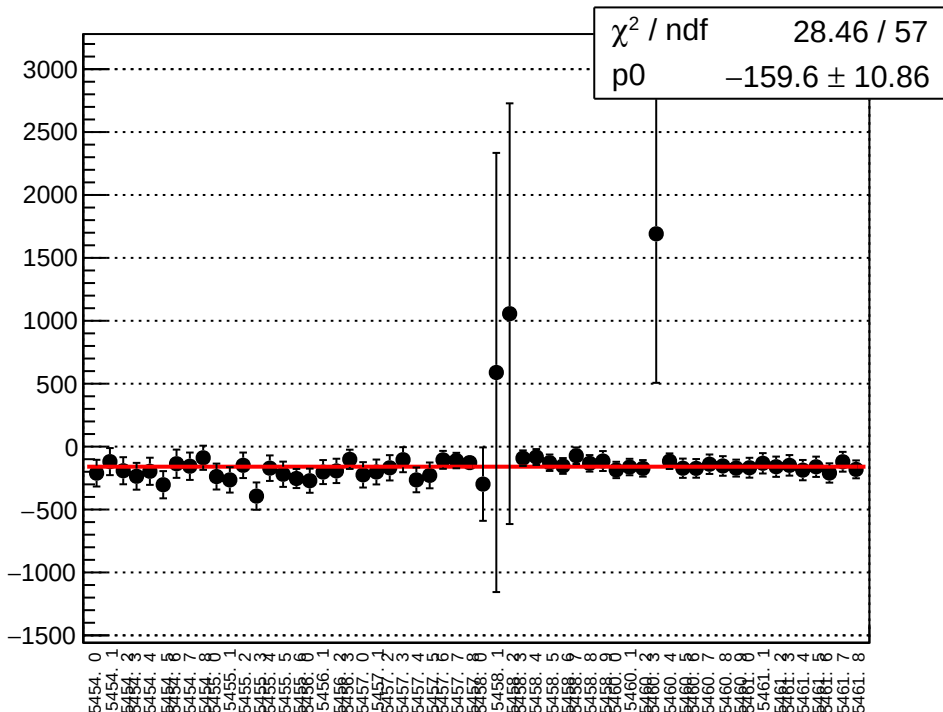
reg\_asym\_atl\_dd\_atr\_dd\_avg\_diff\_bpm4aX\_slope vs un



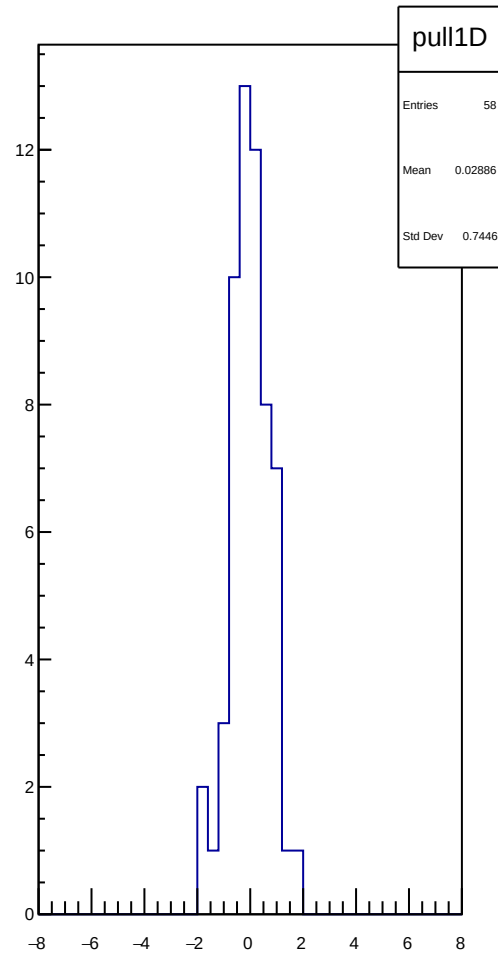
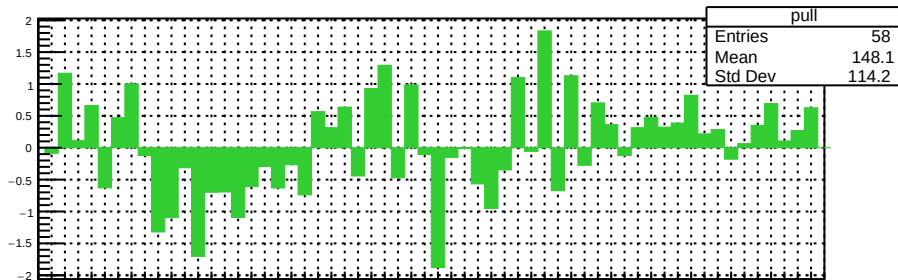
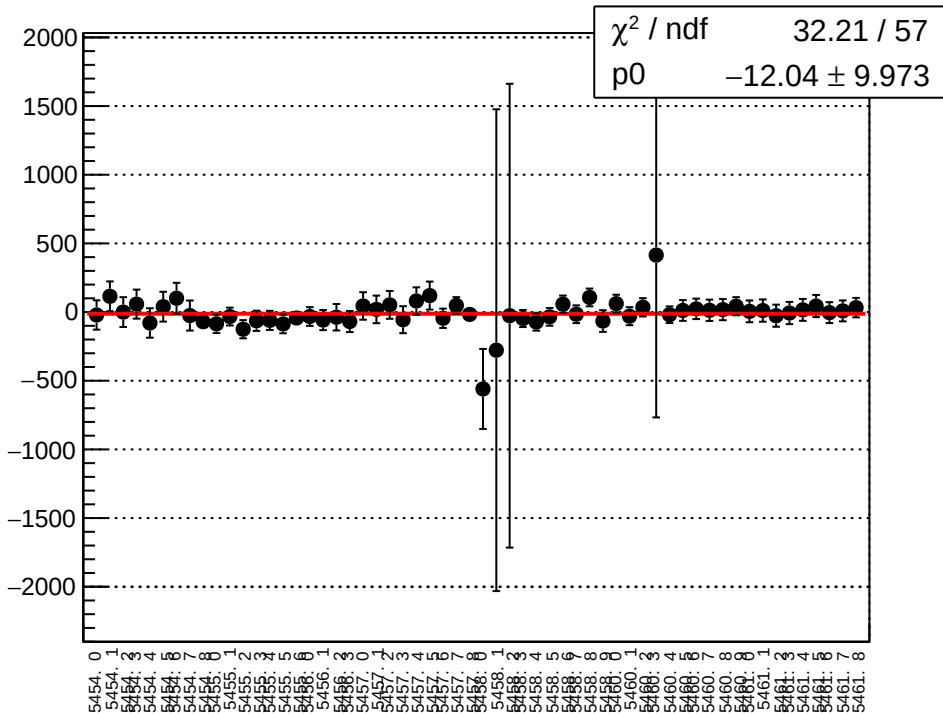
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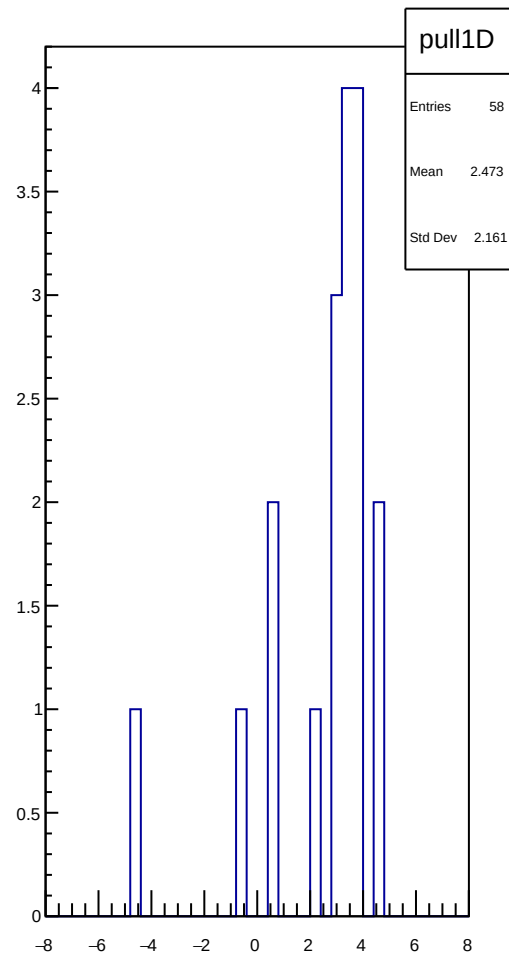
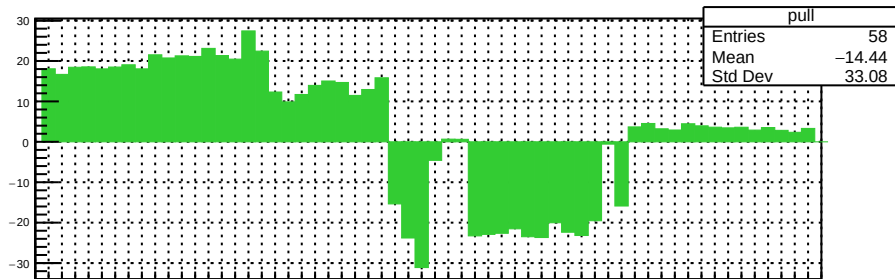
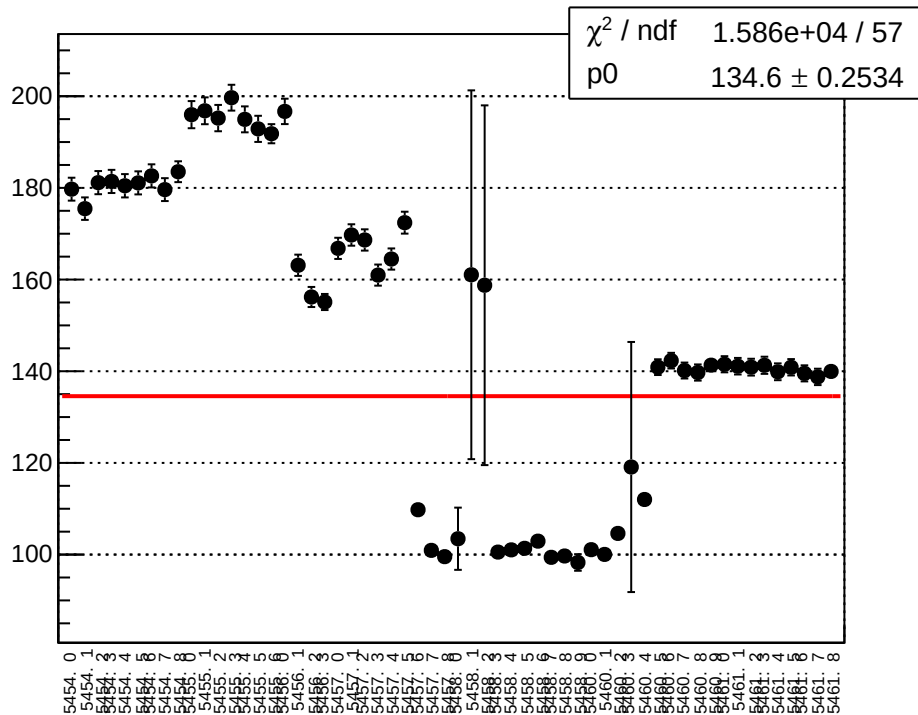
reg\_asym\_atl\_dd\_atr\_dd\_avg\_diff\_bpm4eX\_slope vs run



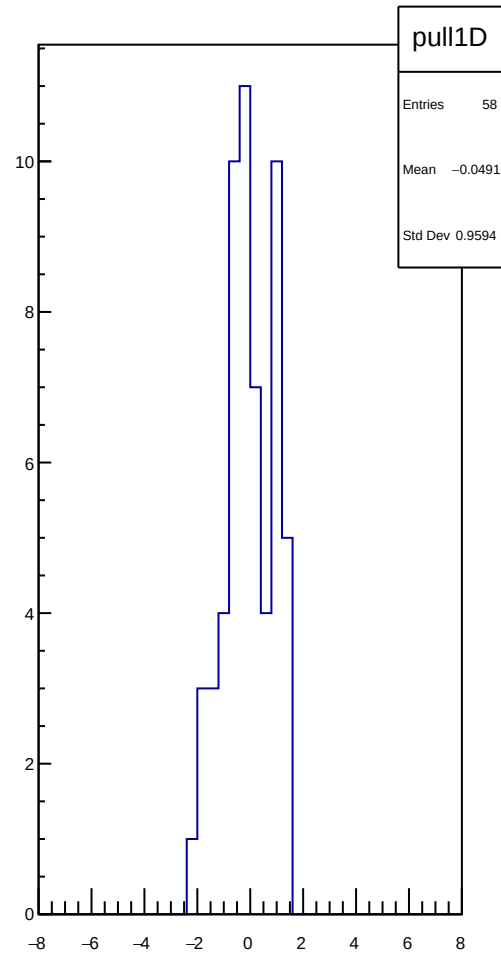
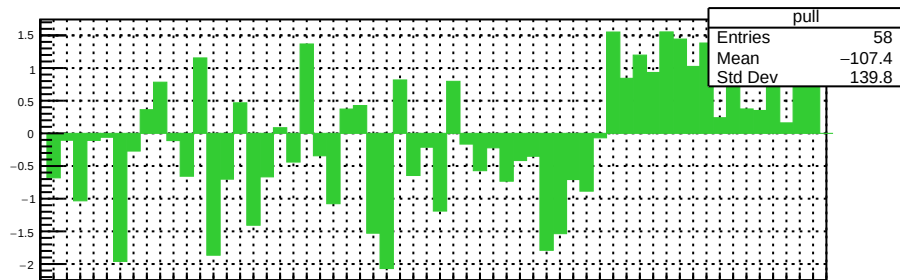
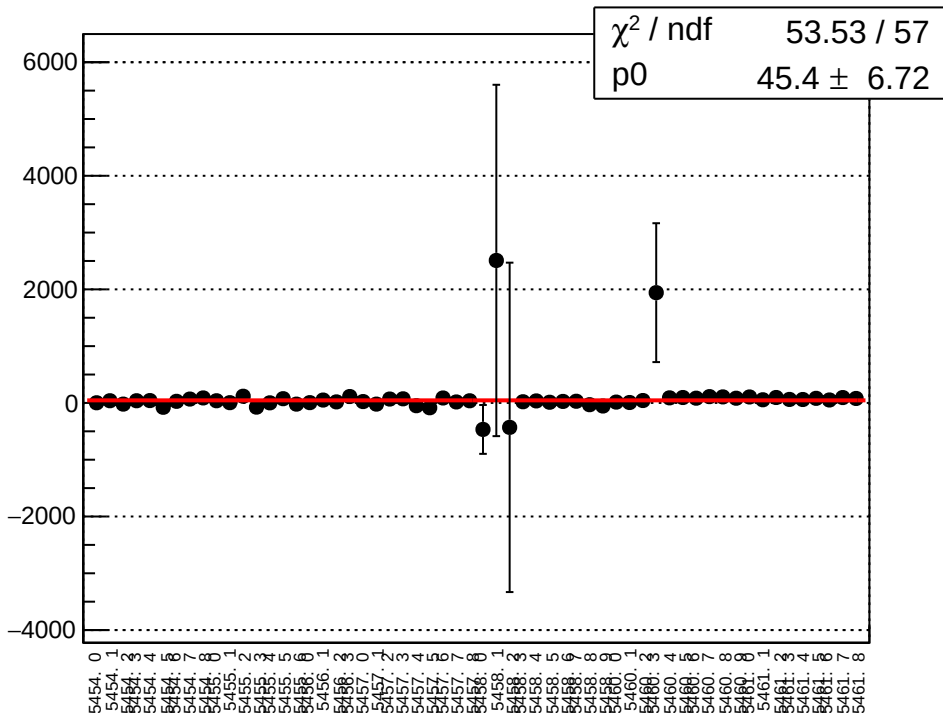
reg\_asym\_atl\_dd\_atr\_dd\_avg\_diff\_bpm4eY\_slope vs run



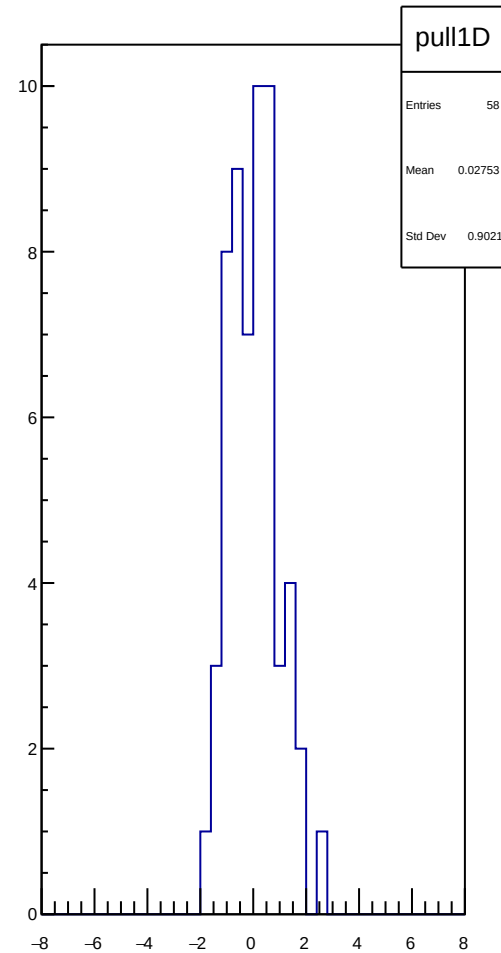
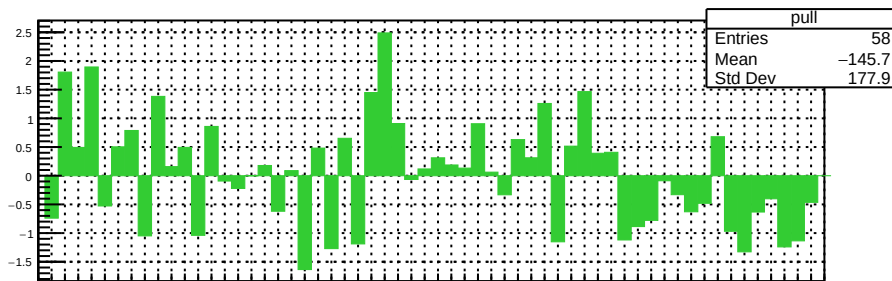
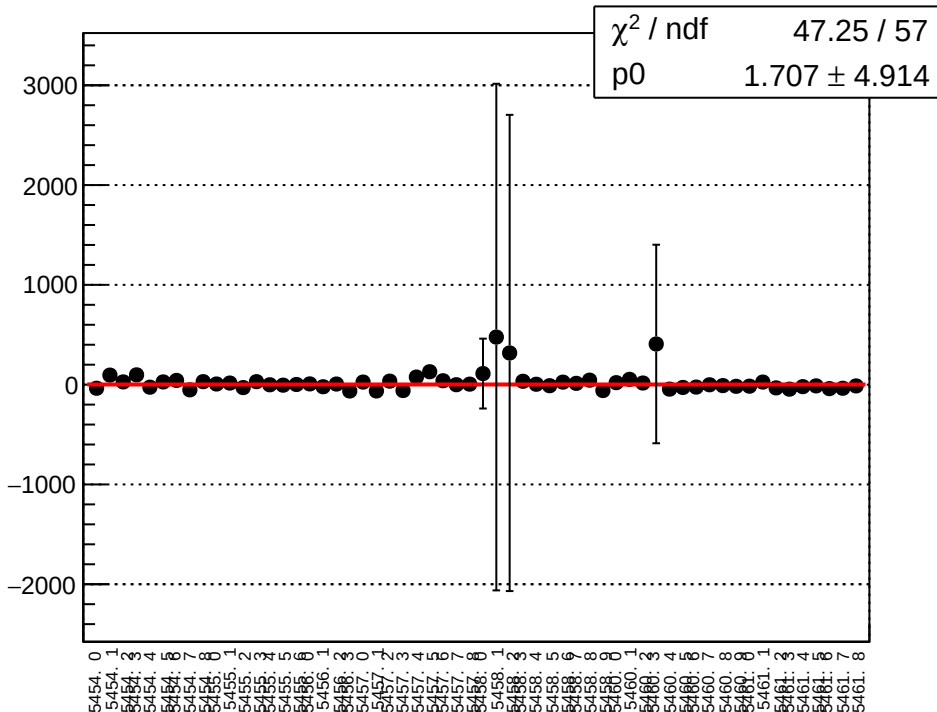
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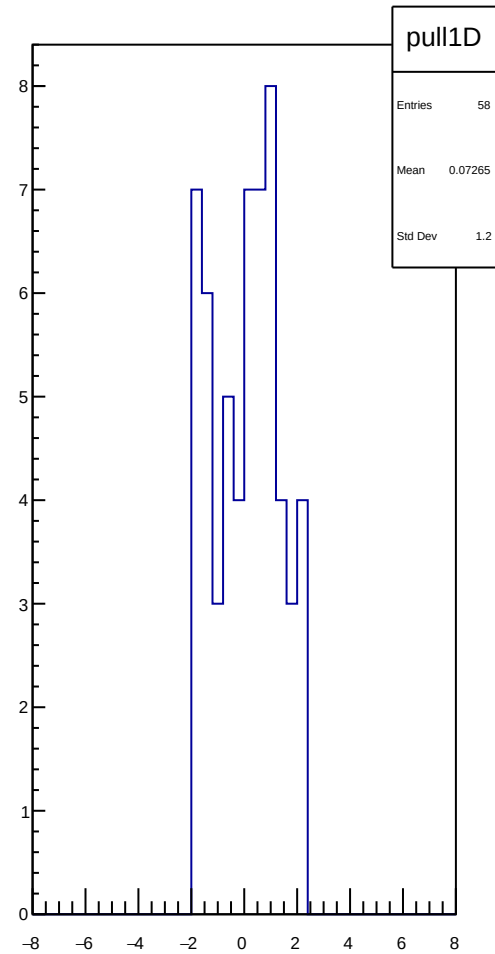
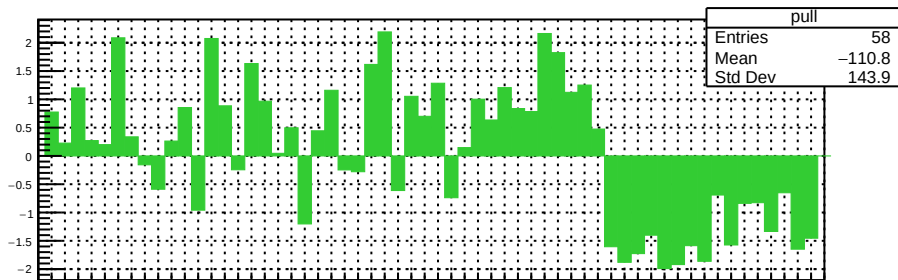
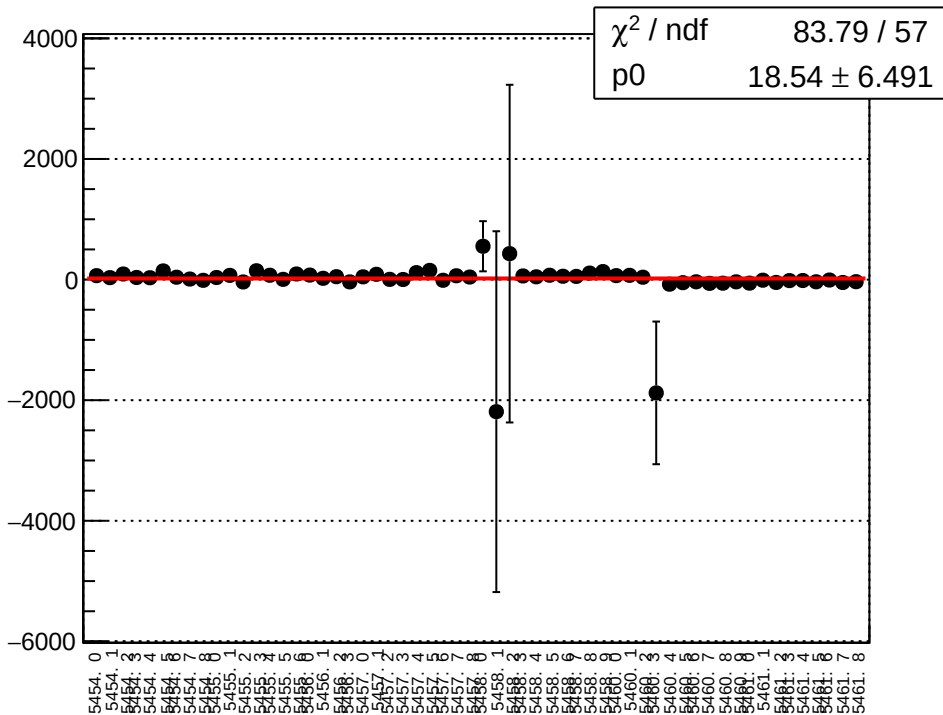
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reg\_asym\_atl\_dd\_atr\_dd\_dd\_diff\_bpm4aY\_slope vs run

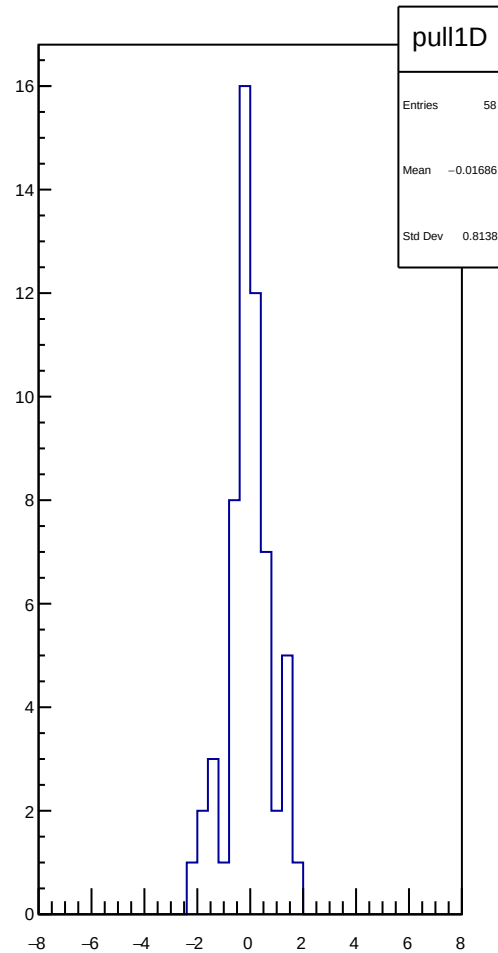
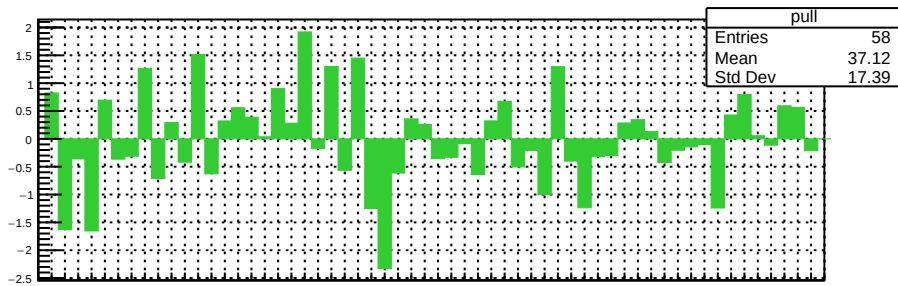
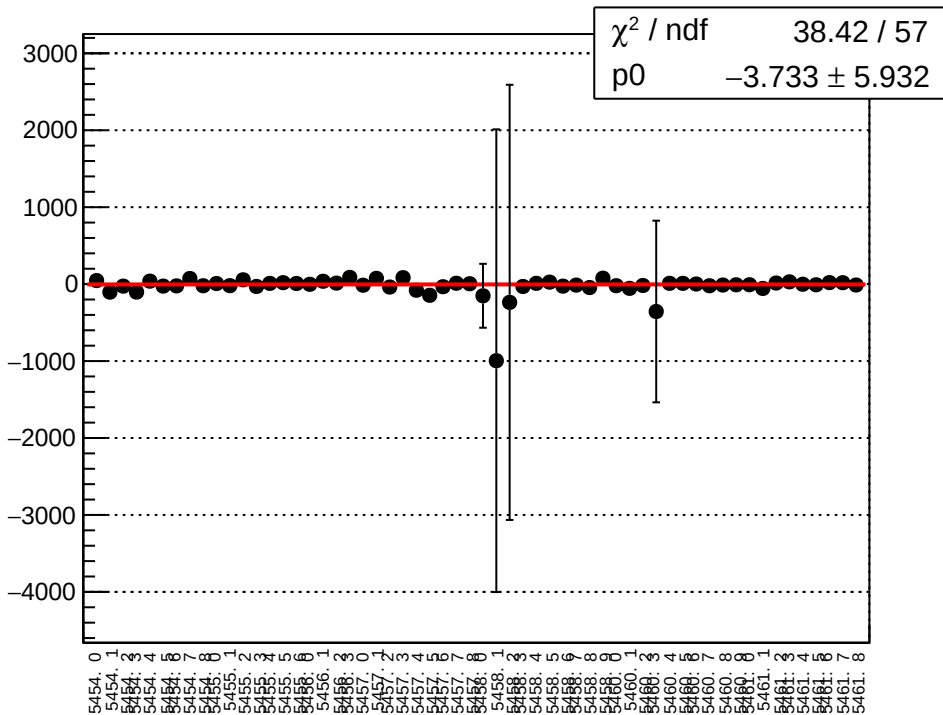


reg\_asym\_atl\_dd\_atr\_dd\_dd\_diff\_bpm4eX\_slope vs run

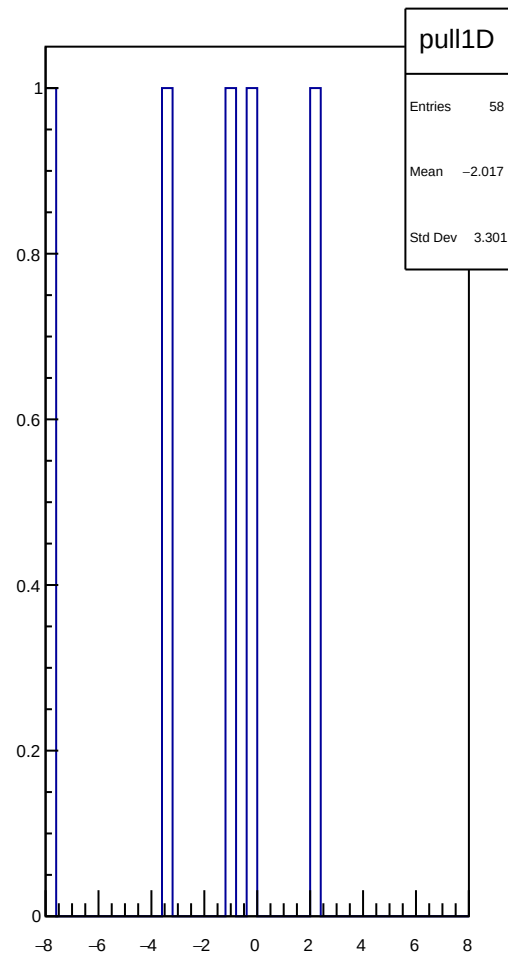
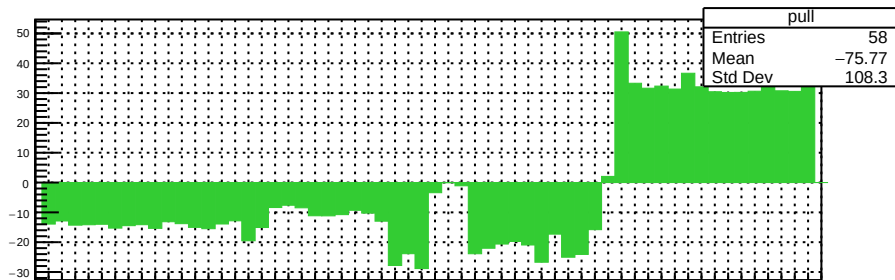
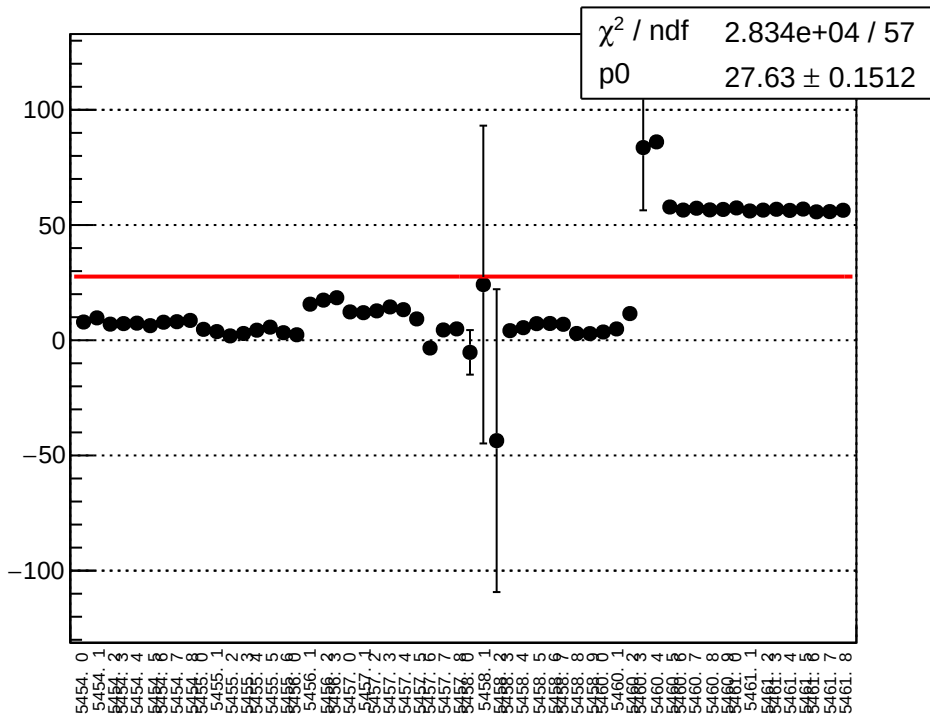




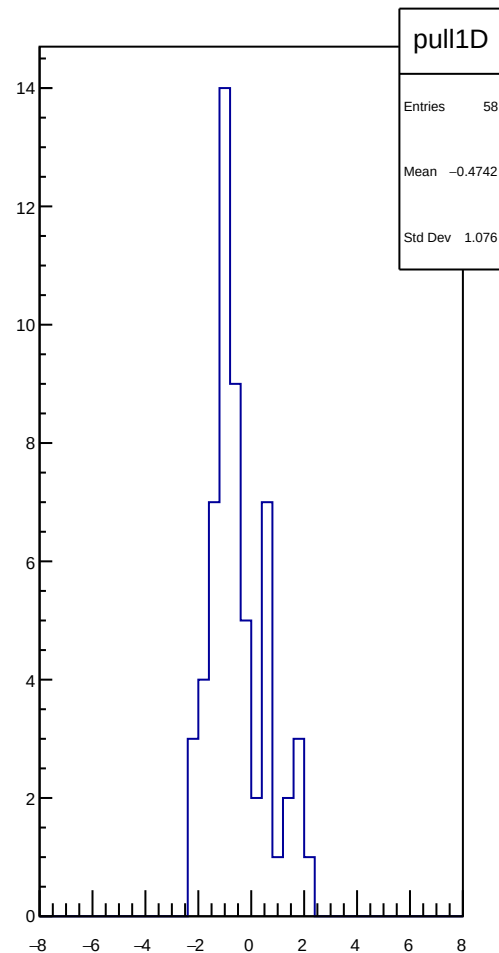
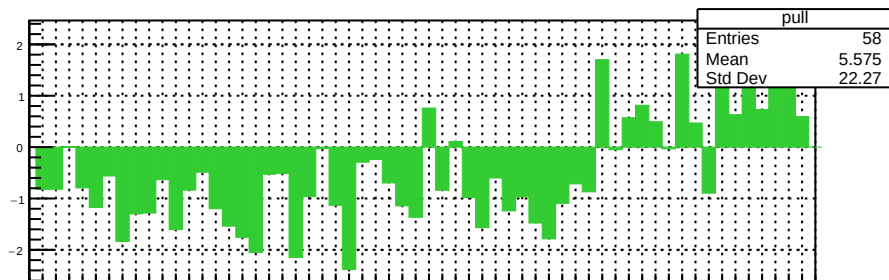
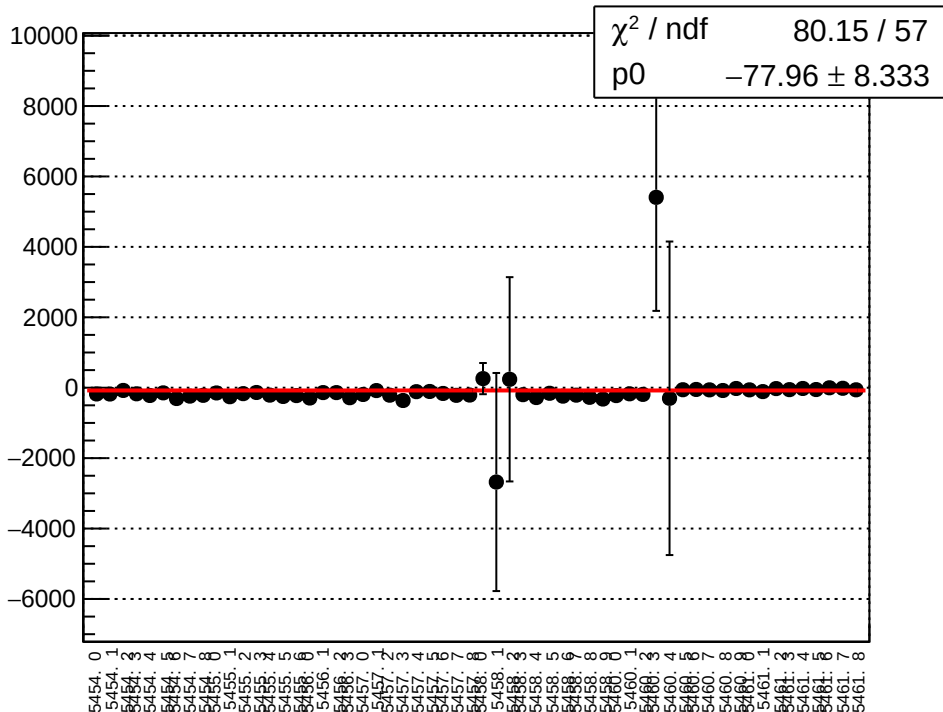
reg\_asym\_atl\_dd\_atr\_dd\_dd\_diff\_bpm4eY\_slope vs run



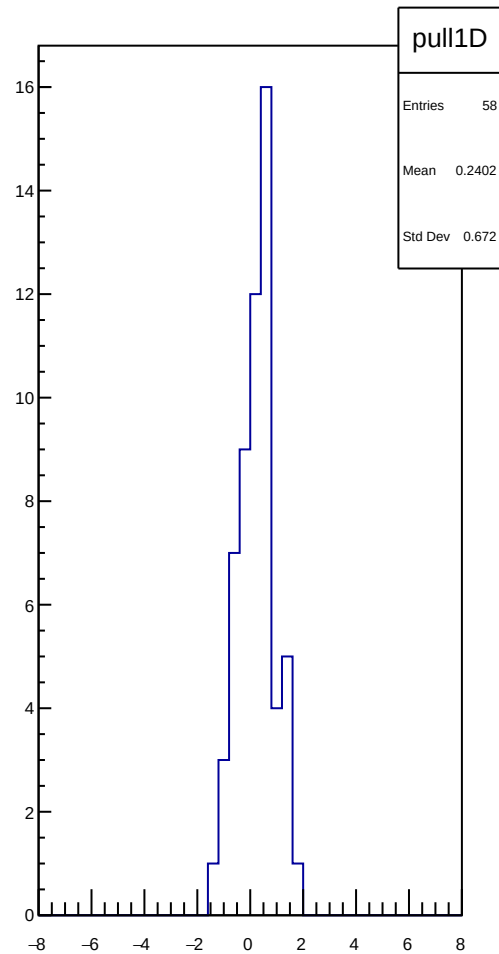
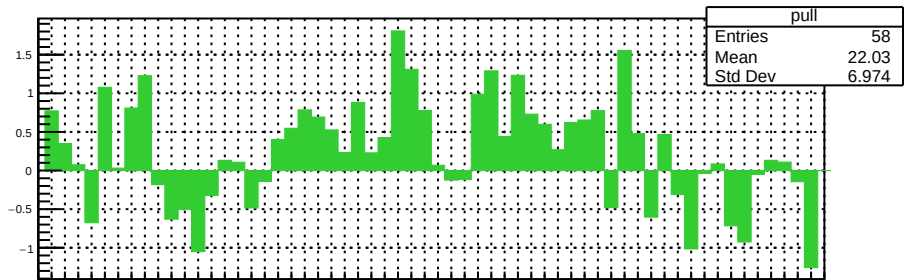
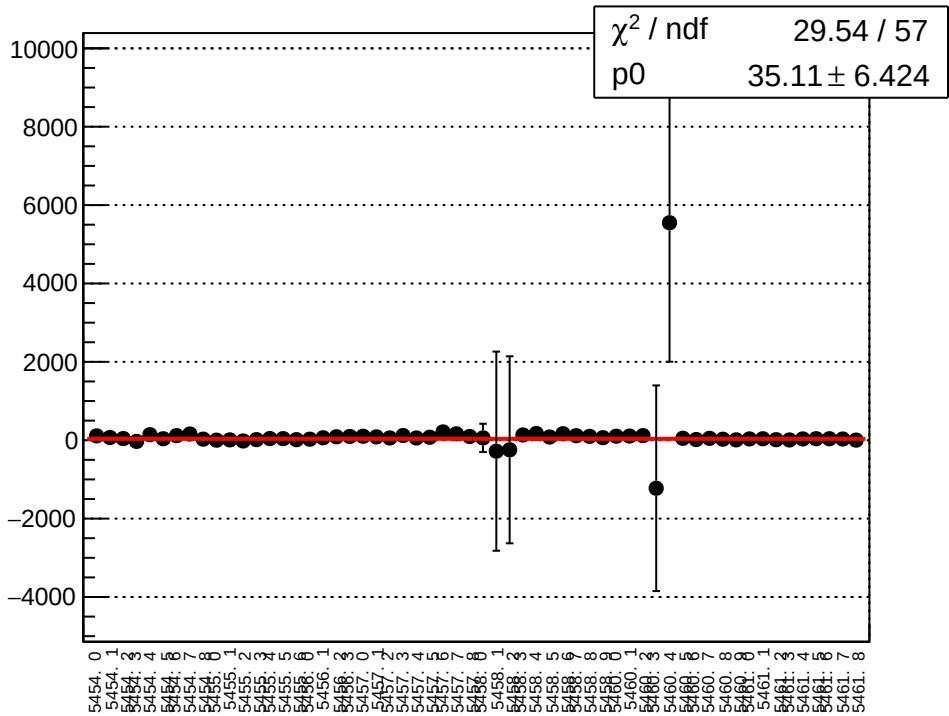
reg\_asym\_atl\_dd\_atr\_dd\_dd\_diff\_bpm12X\_slope vs run



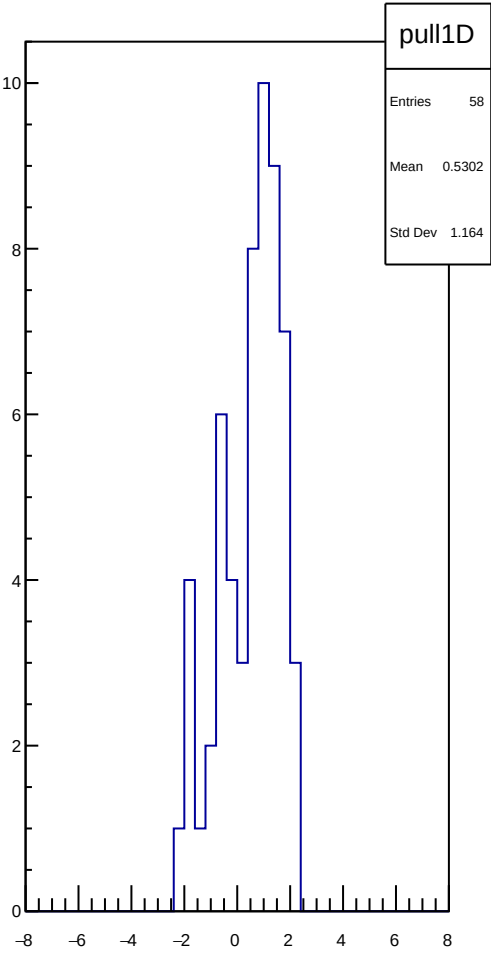
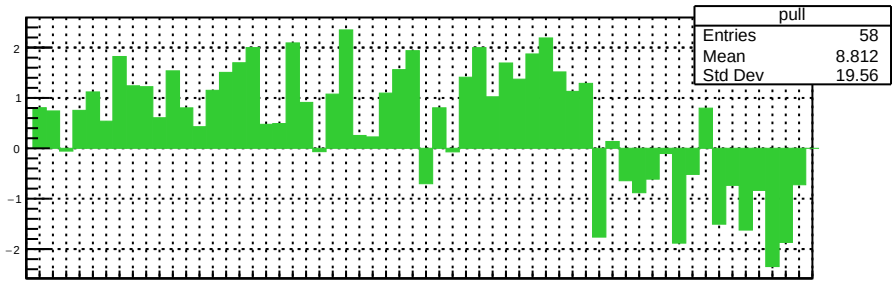
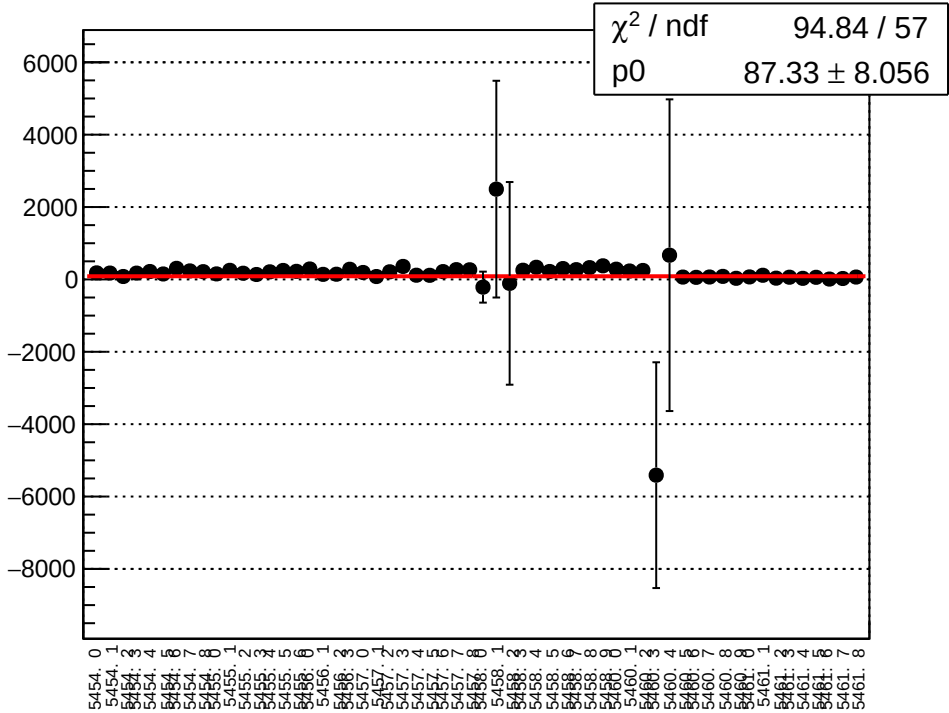
reg\_asym\_atl\_avg\_atr\_avg\_avg\_diff\_bpm4aX\_slope vs run



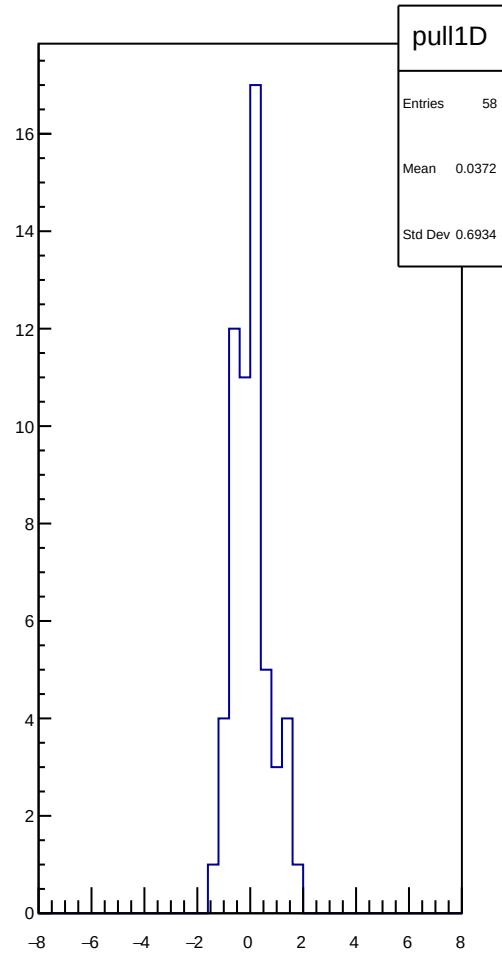
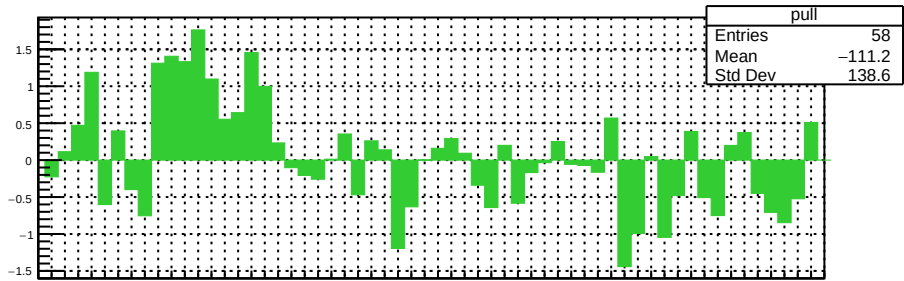
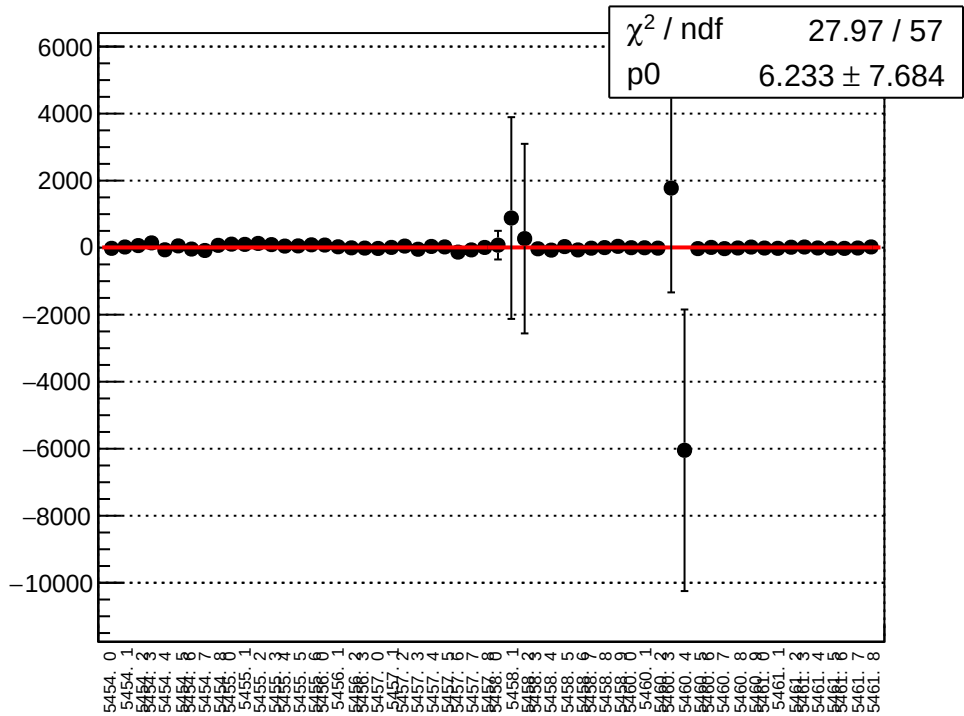
reg\_asym\_atl\_avg\_atr\_avg\_avg\_diff\_bpm4aY\_slope vs run



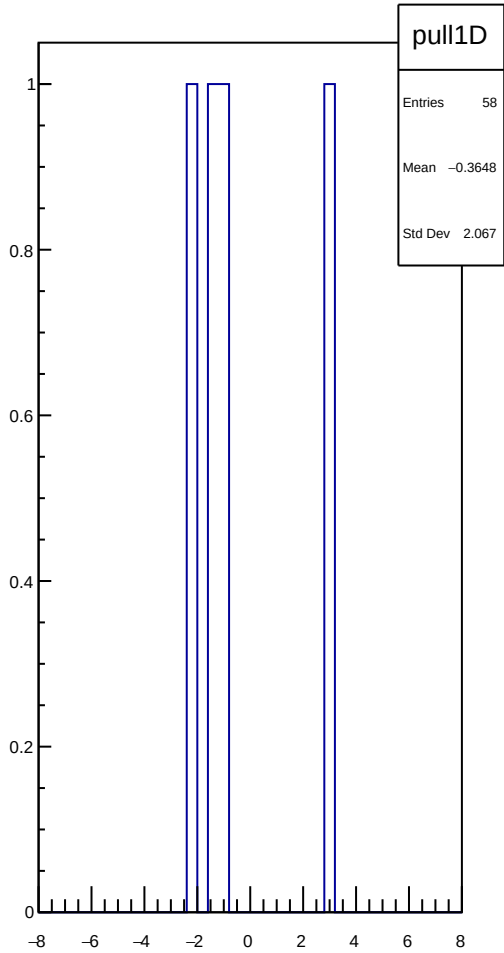
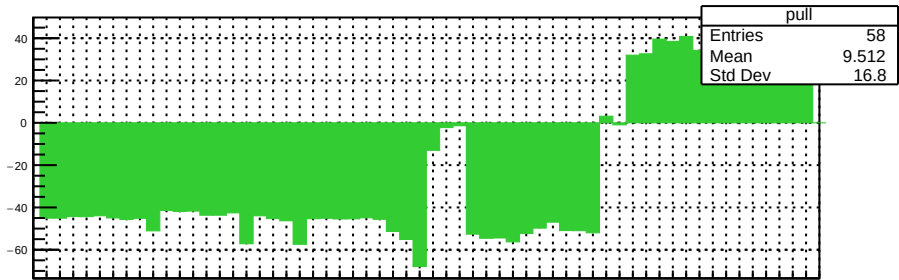
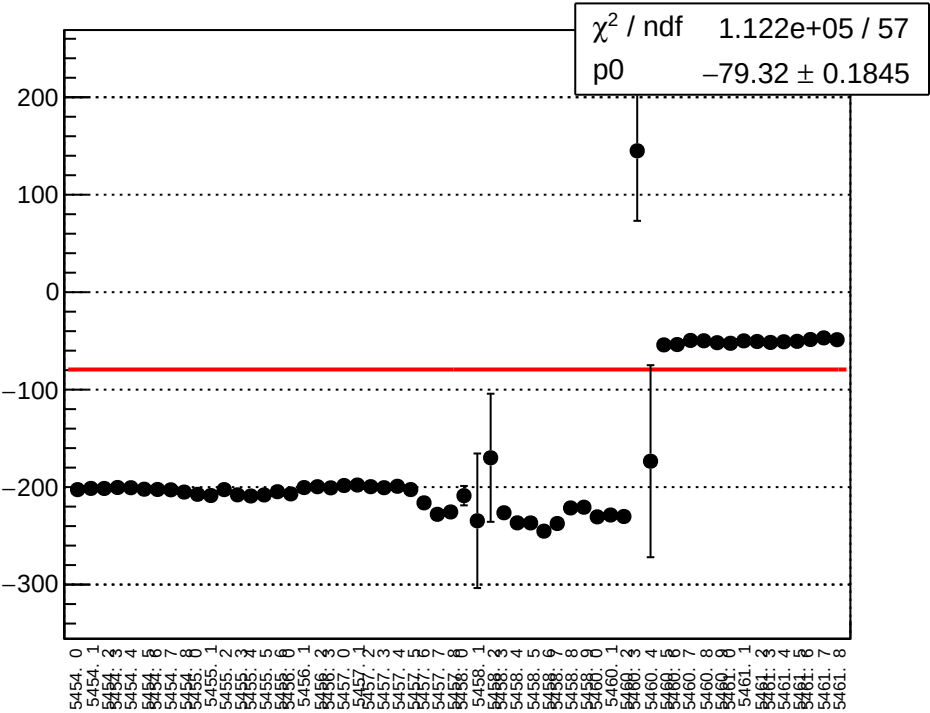
reg\_asym\_atl\_avg\_atr\_avg\_avg\_diff\_bpm4eX\_slope vs run



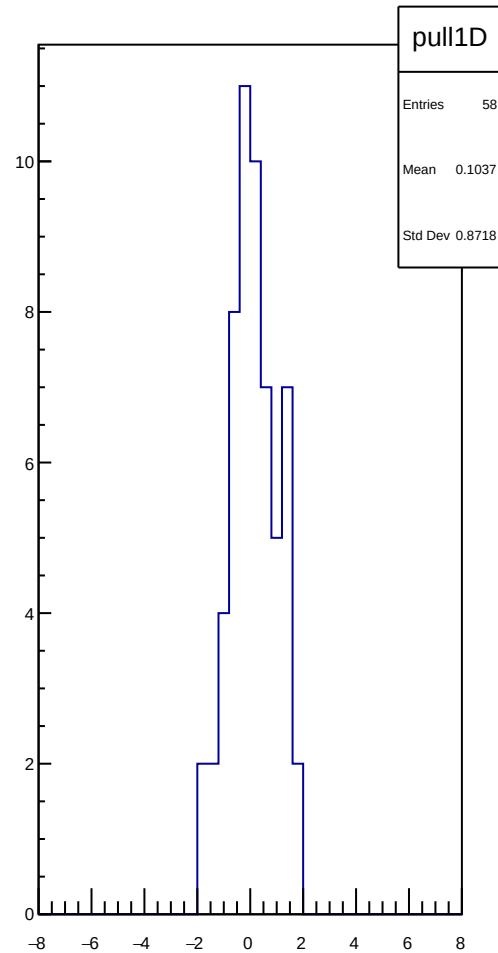
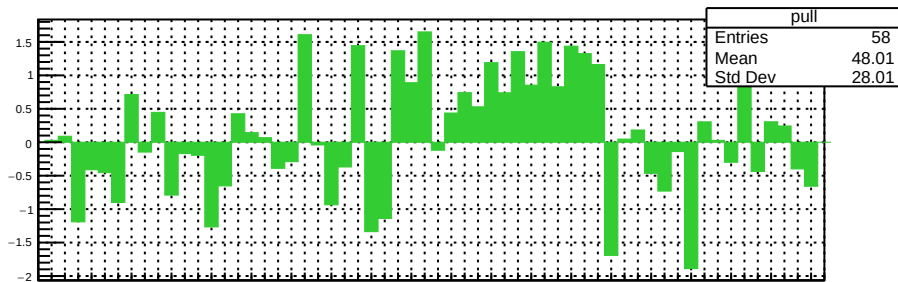
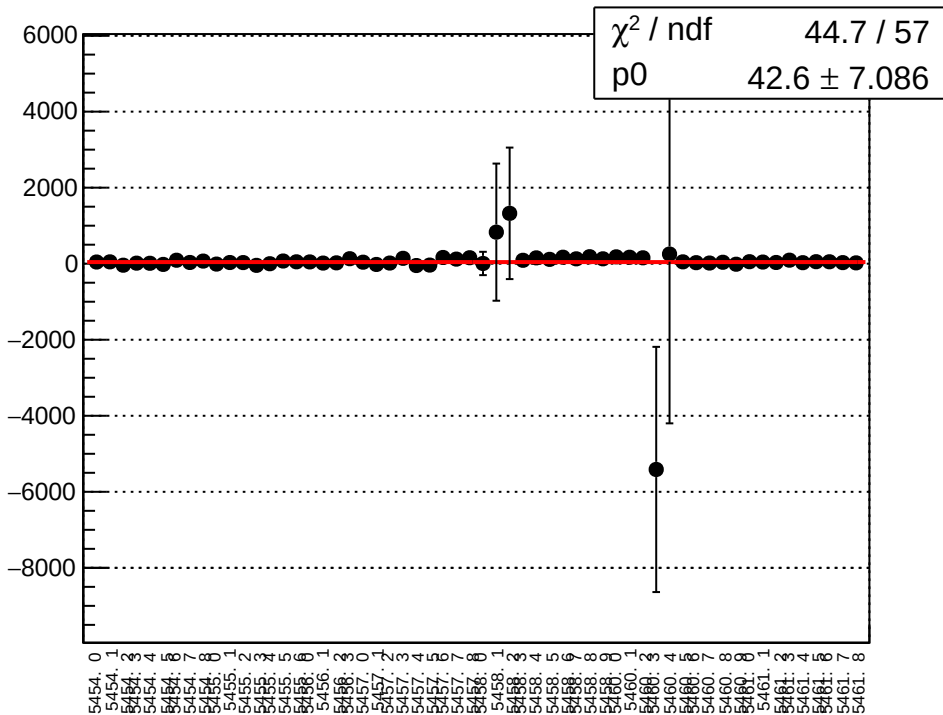
reg\_asym\_atl\_avg\_atr\_avg\_avg\_diff\_bpm4eY\_slope vs run



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

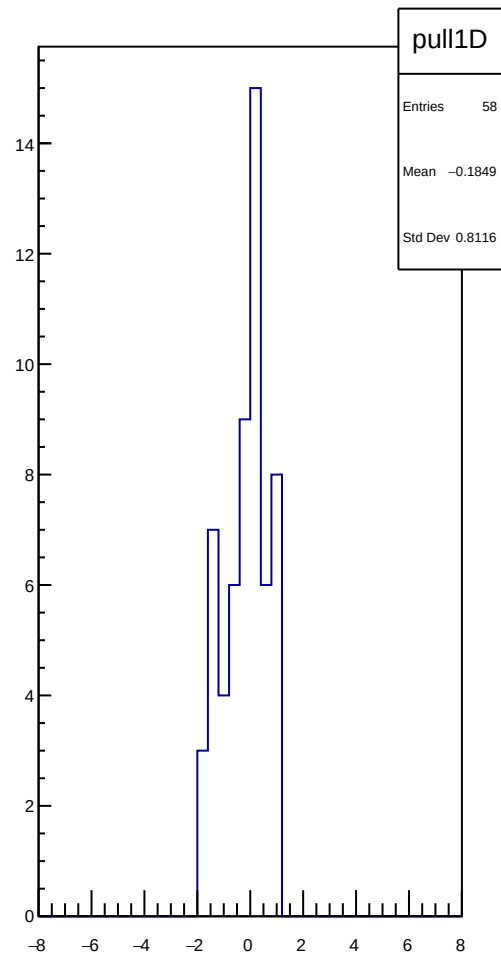
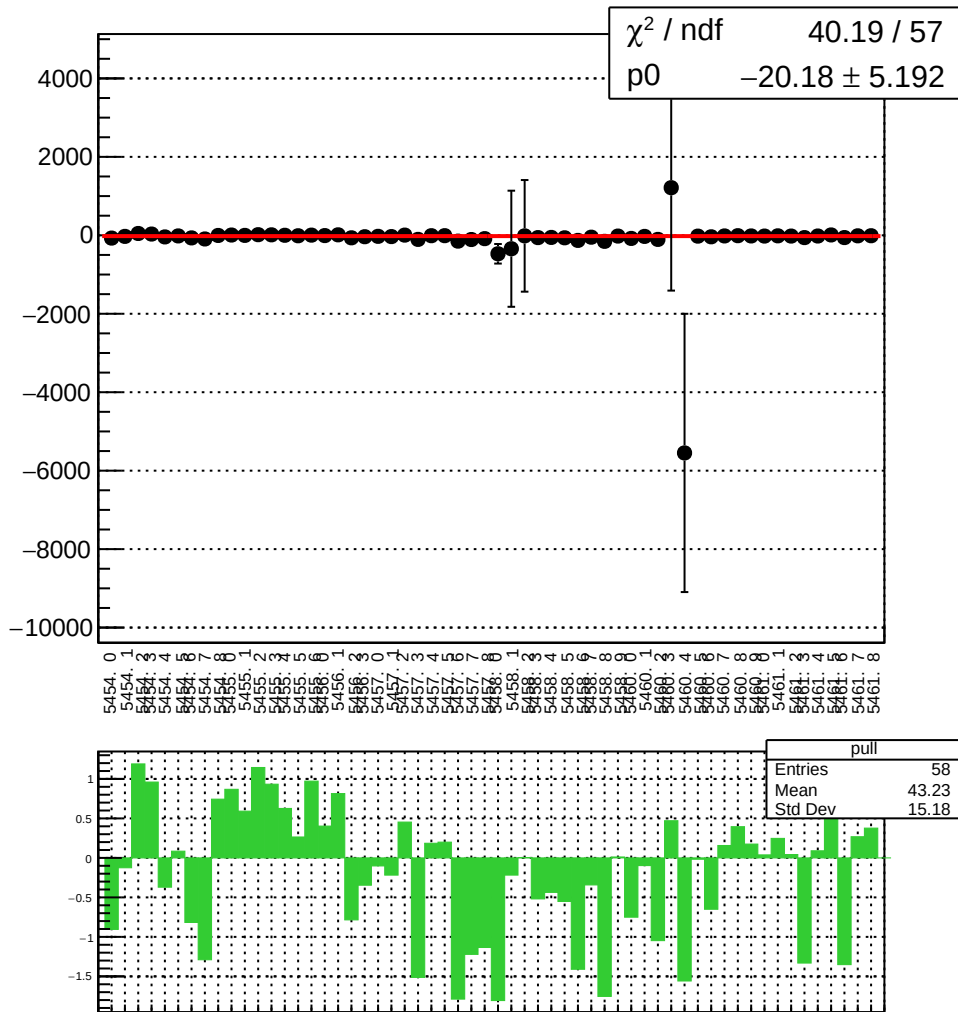


reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm4aX\_slope vs run

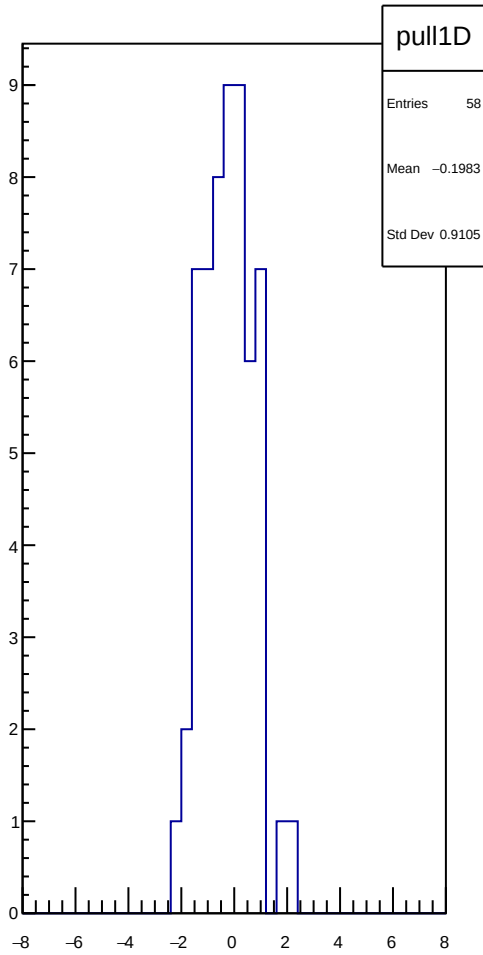
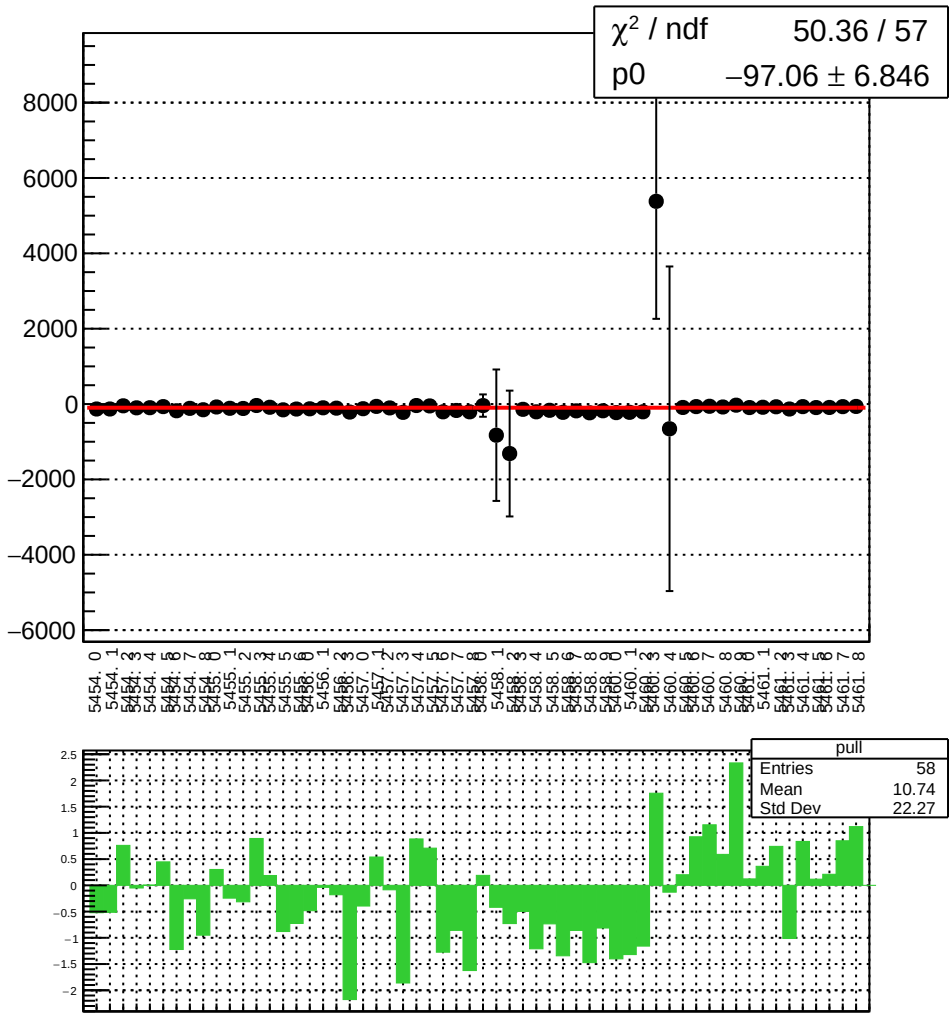




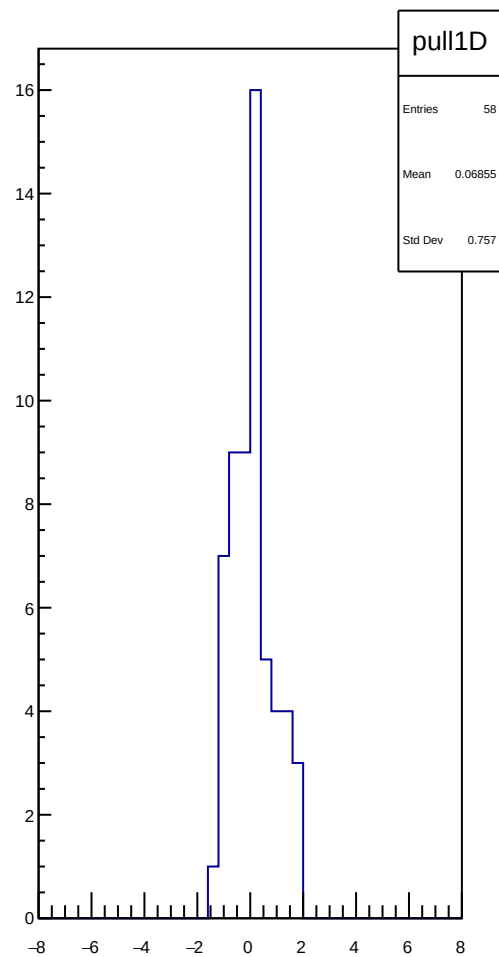
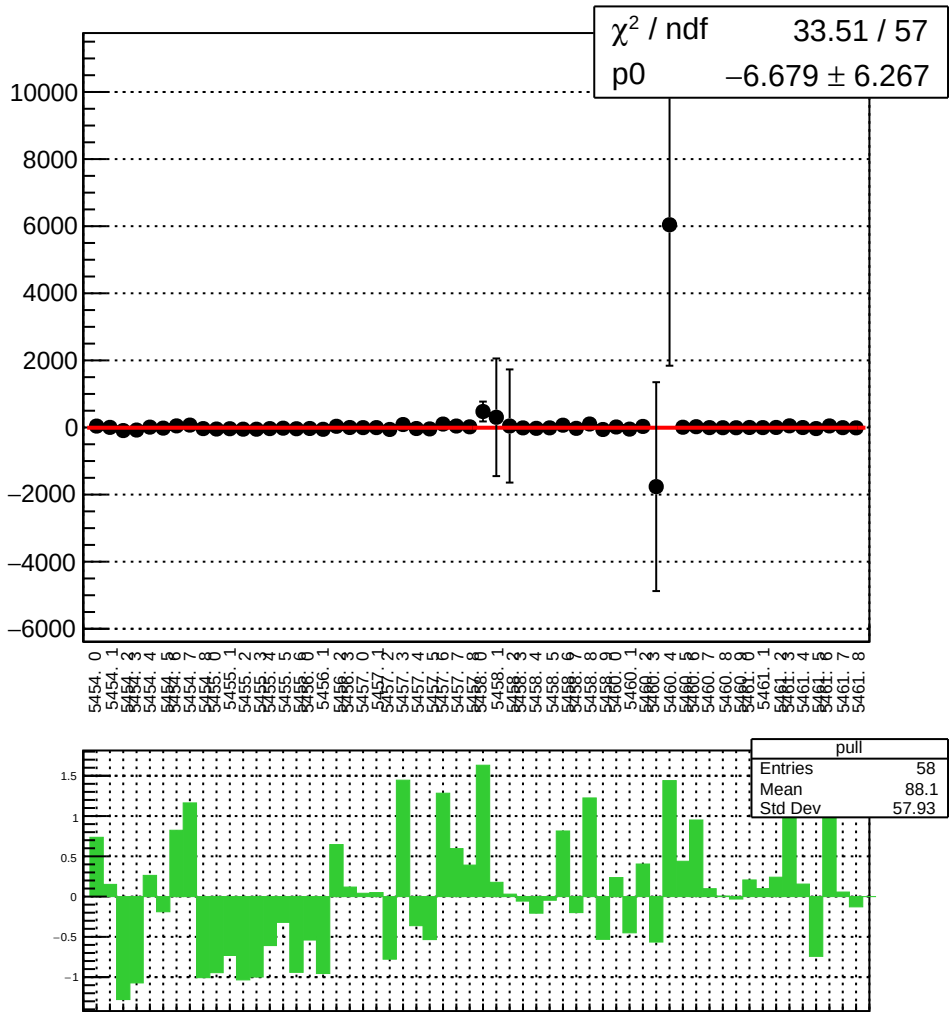
reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm4aY\_slope vs run



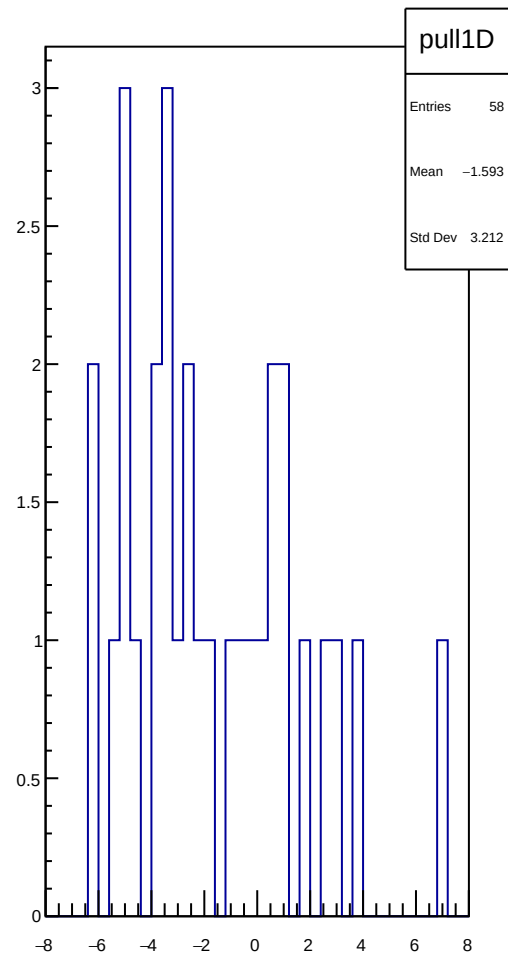
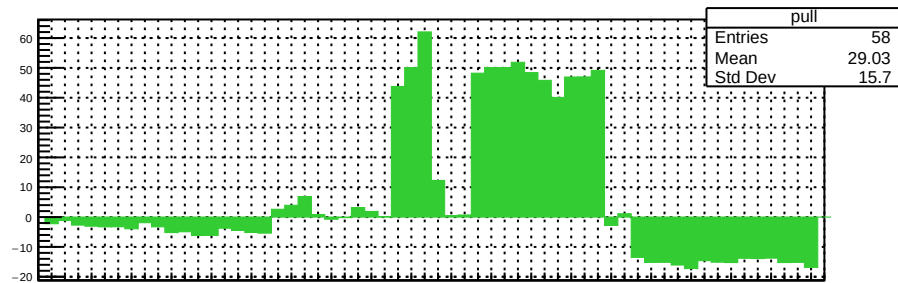
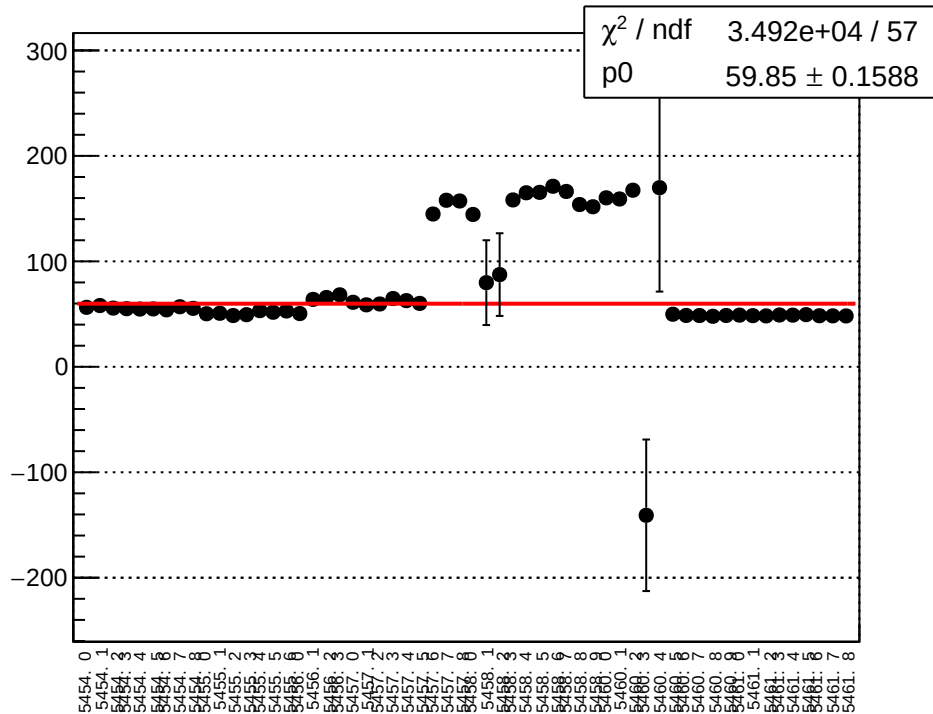
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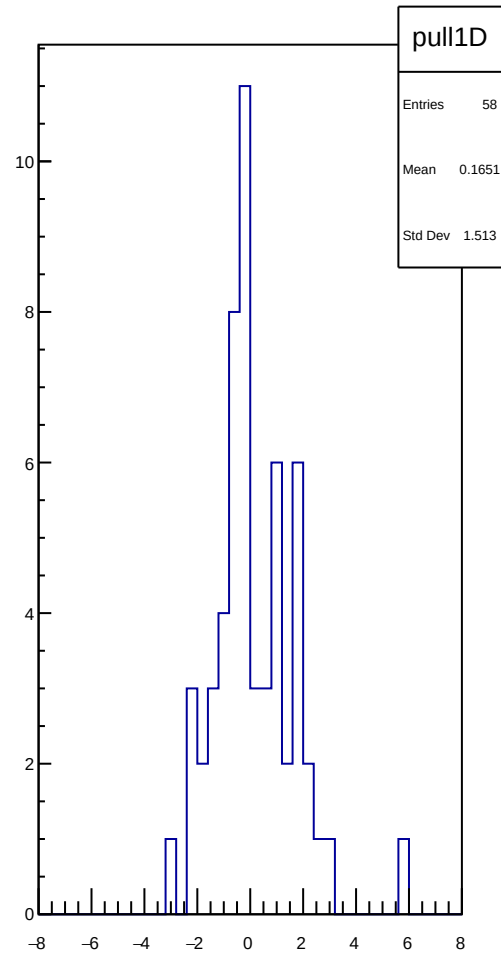
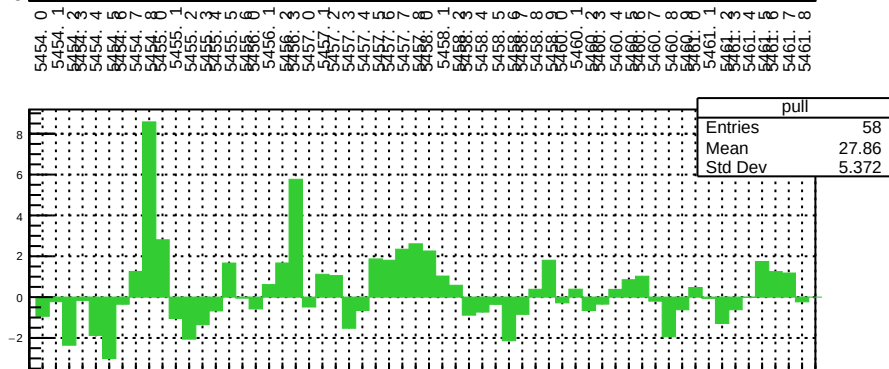
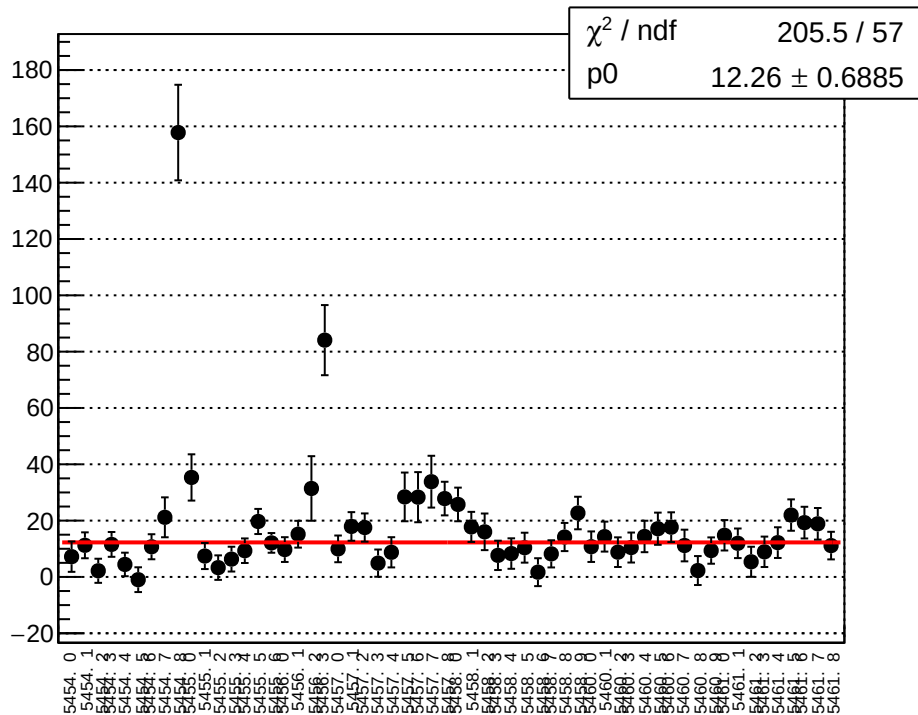
reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm4eY\_slope vs run



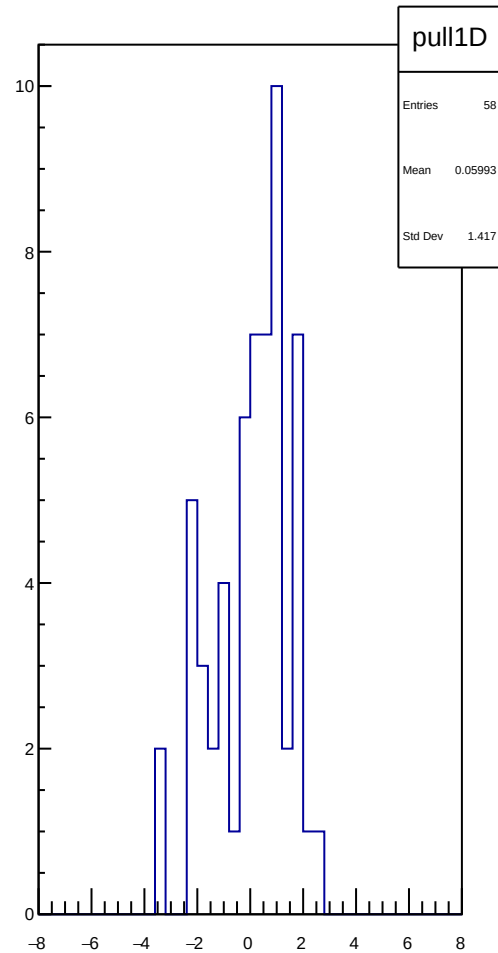
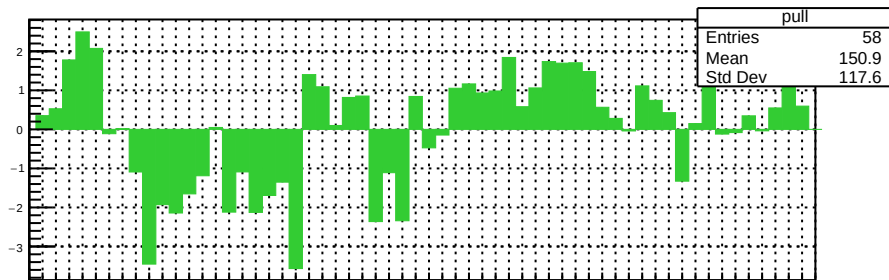
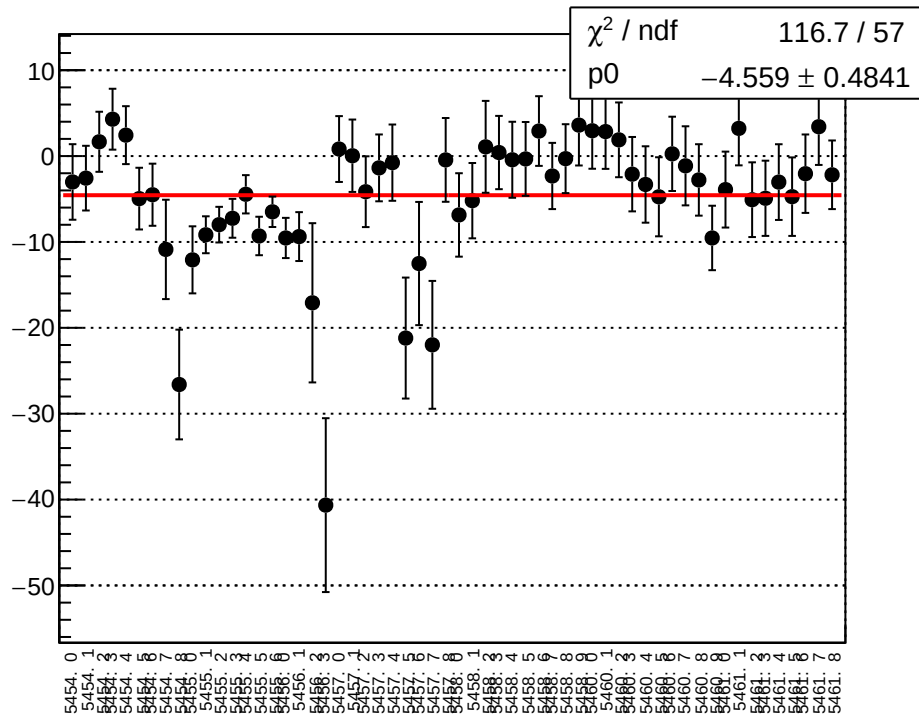
reg\_asym\_atl\_avg\_atr\_avg\_dd\_diff\_bpm12X\_slope vs run



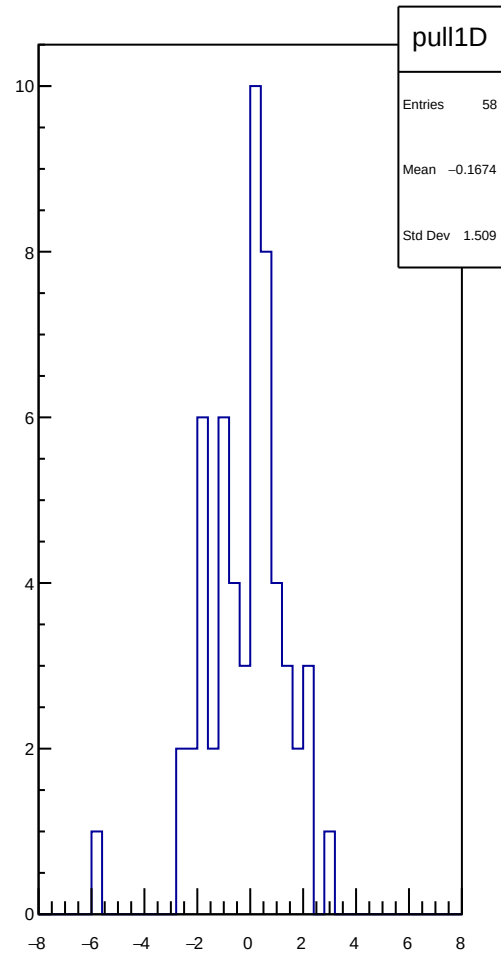
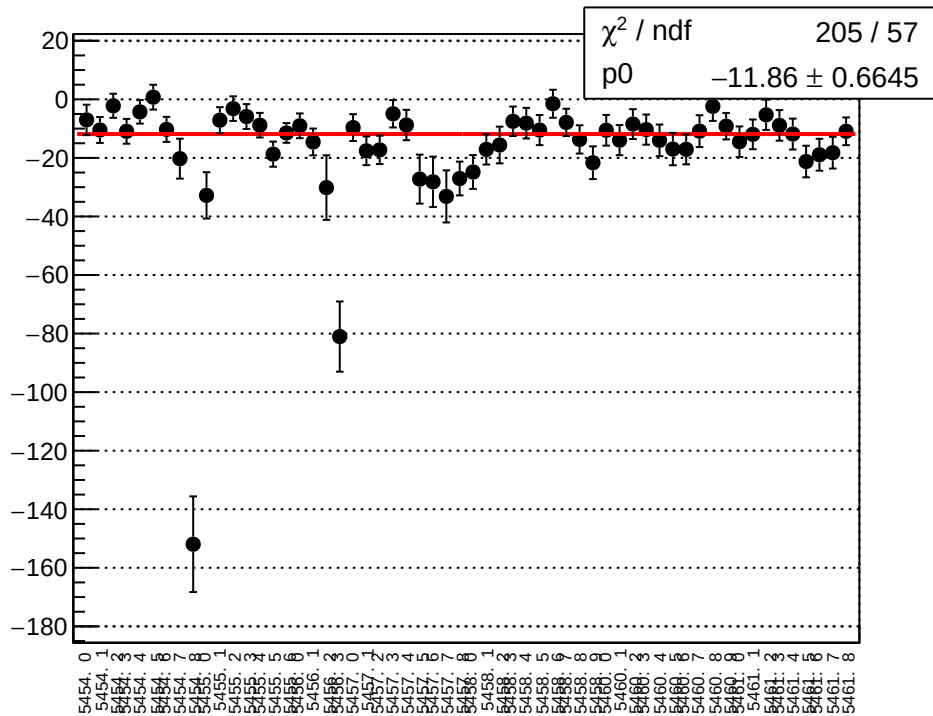
reg\_asym\_bcm\_an\_ds3\_diff\_bpm4aX\_slope vs run



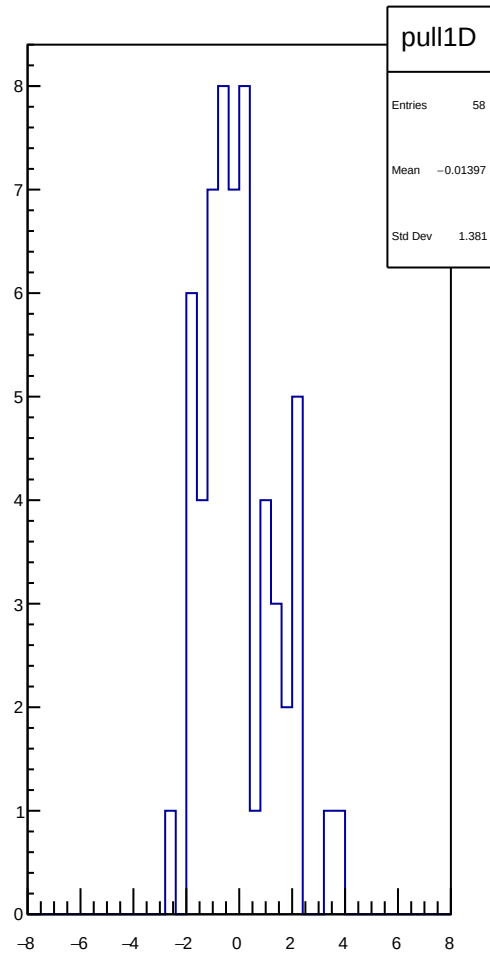
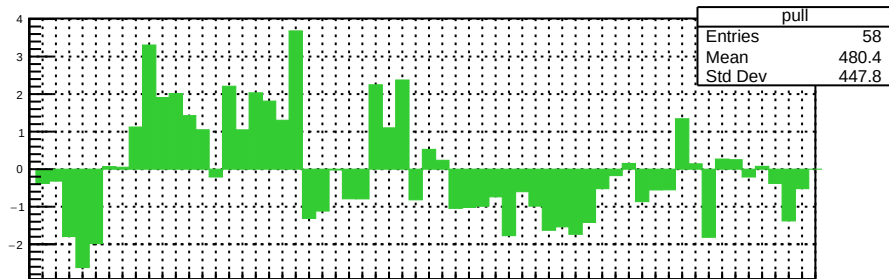
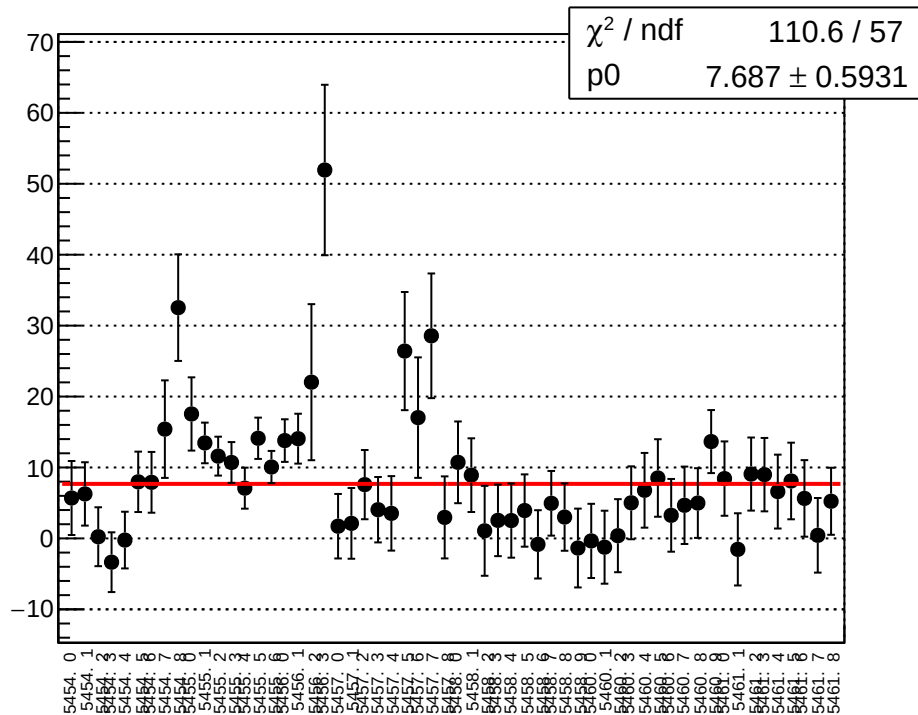
reg\_asym\_bcm\_an\_ds3\_diff\_bpm4aY\_slope vs run



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

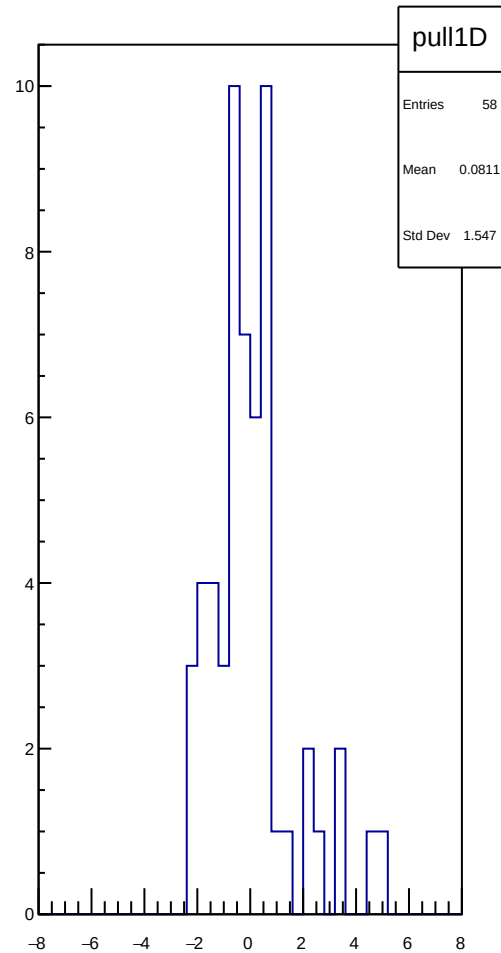
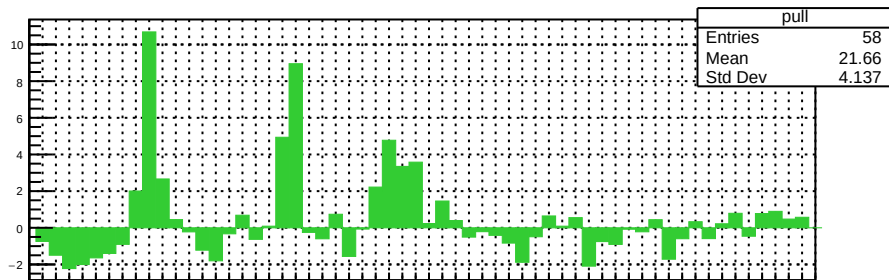
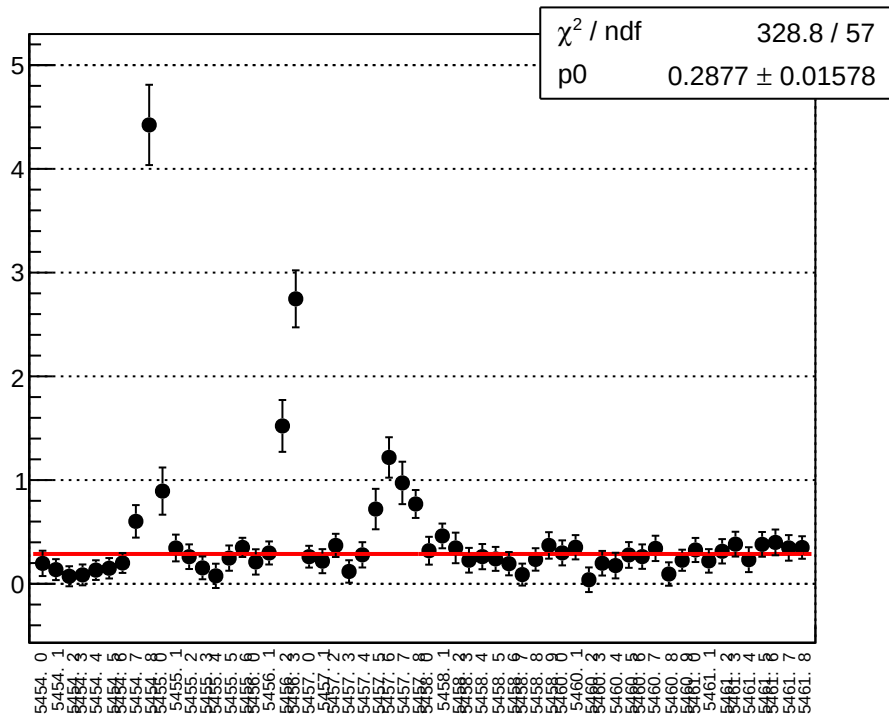


reg\_asym\_bcm\_an\_ds3\_diff\_bpm4eY\_slope vs run

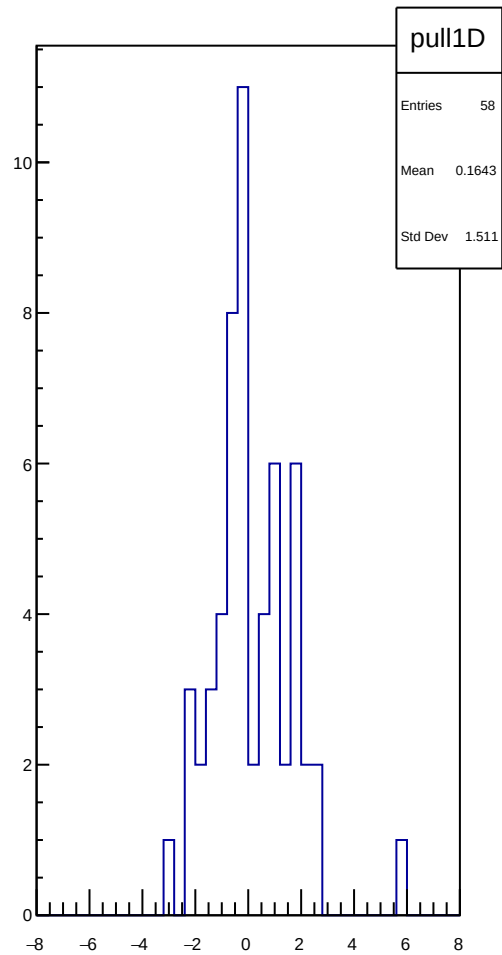
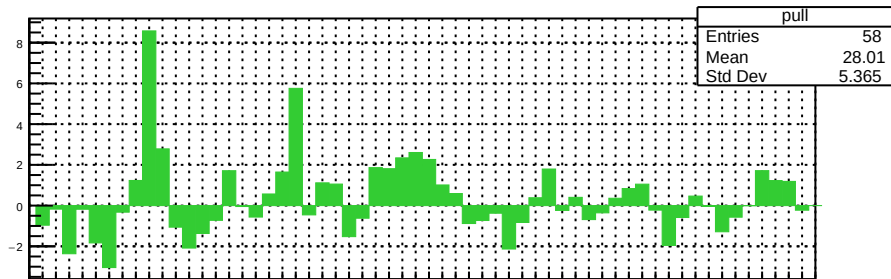
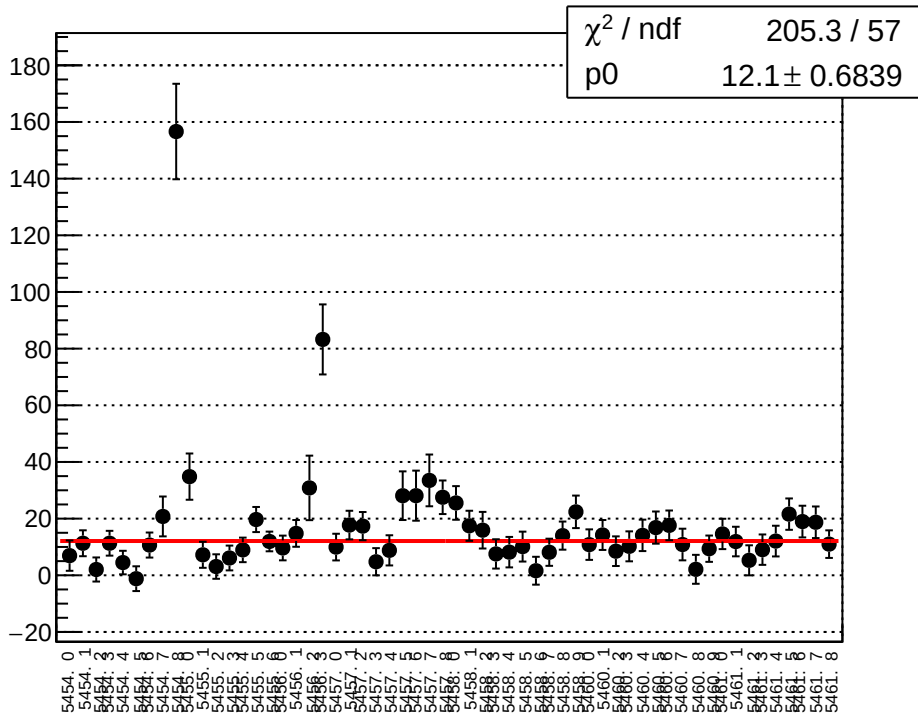




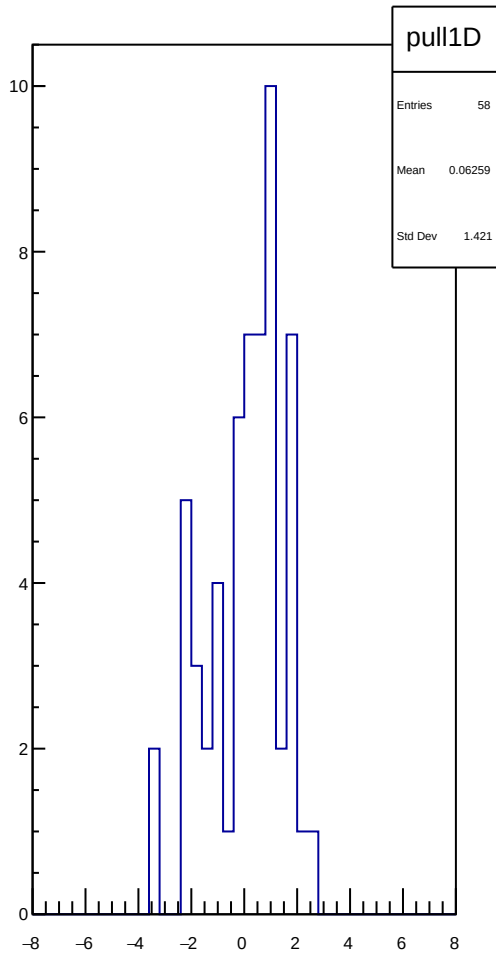
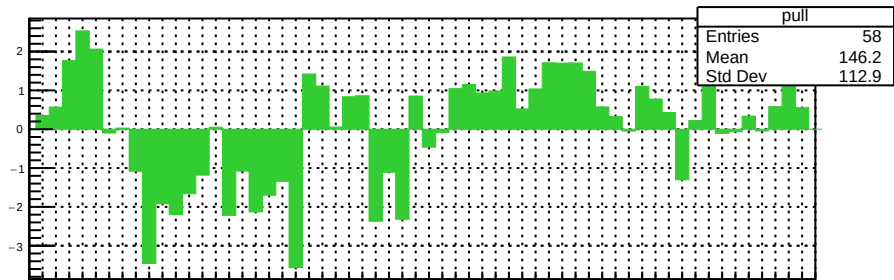
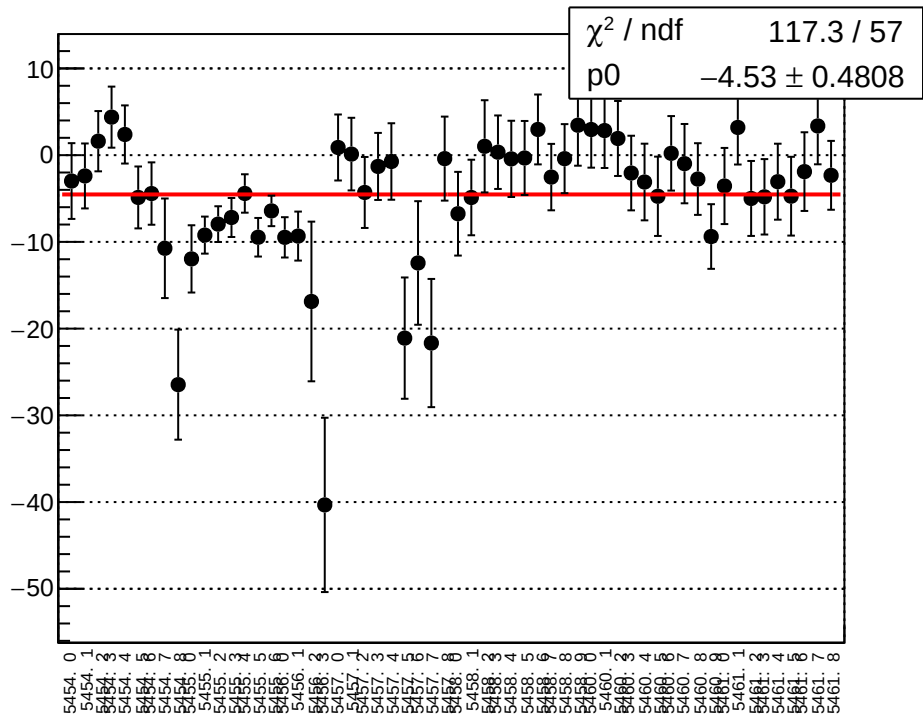
reg\_asym\_bcm\_an\_ds3\_diff\_bpm12X\_slope vs run



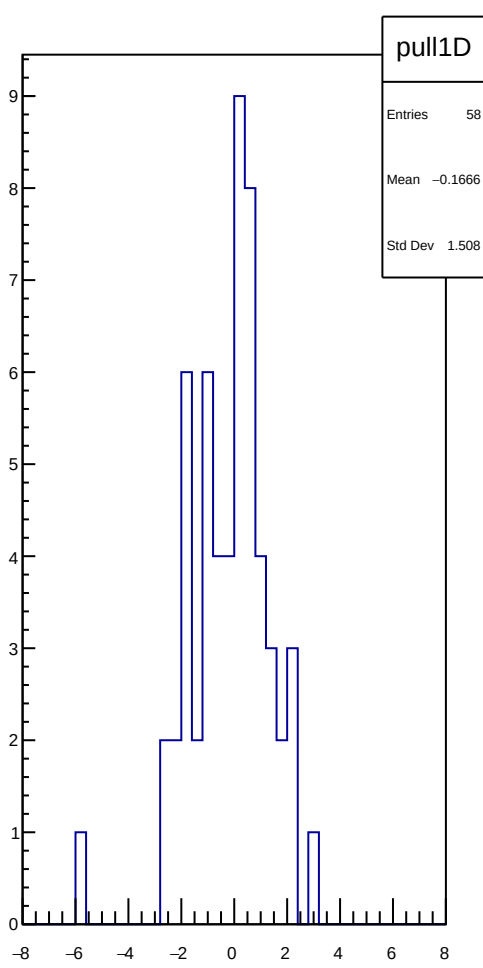
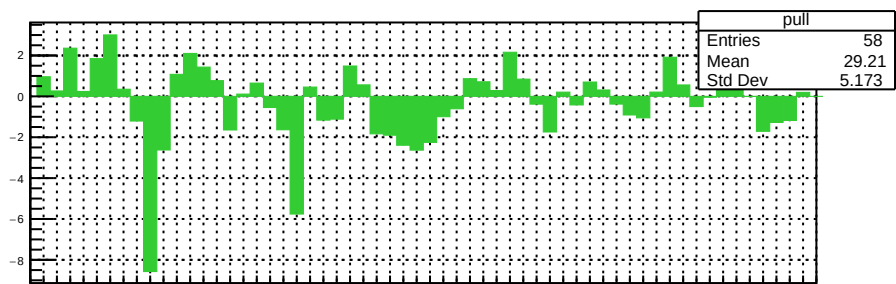
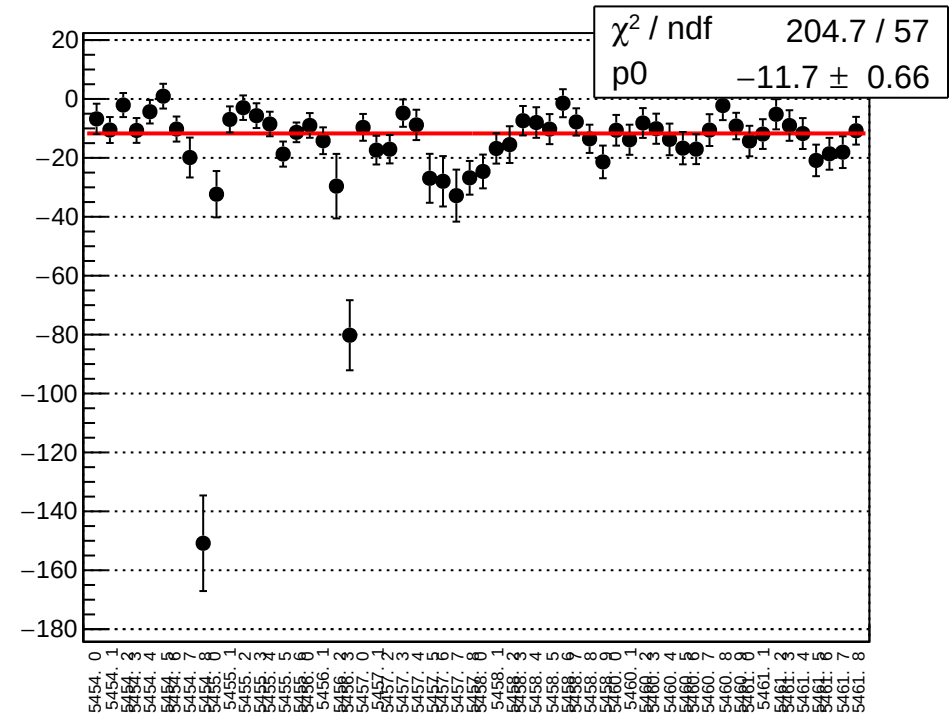
reg\_asym\_bcm\_an\_ds\_diff\_bpm4aX\_slope vs run



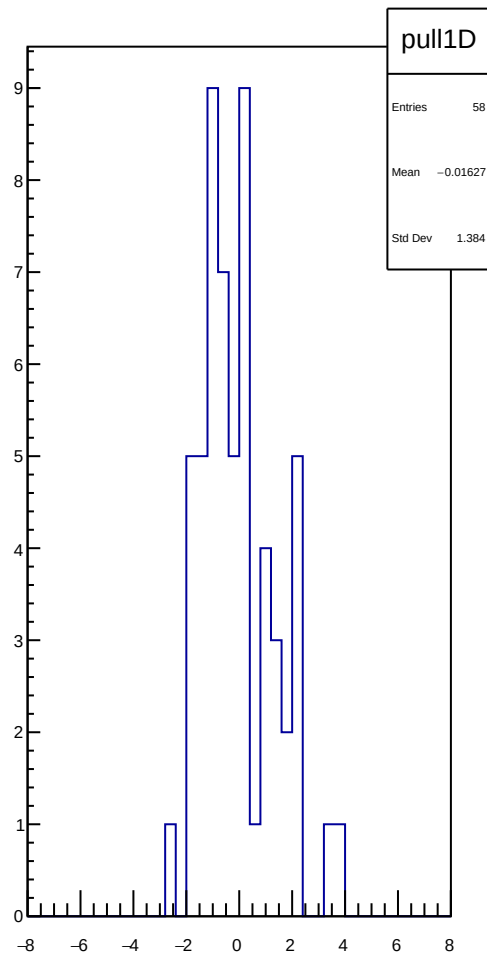
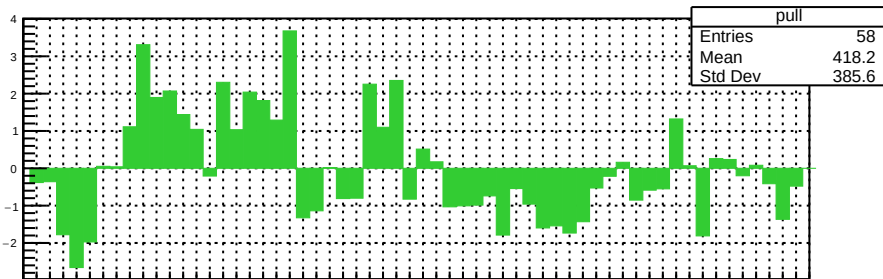
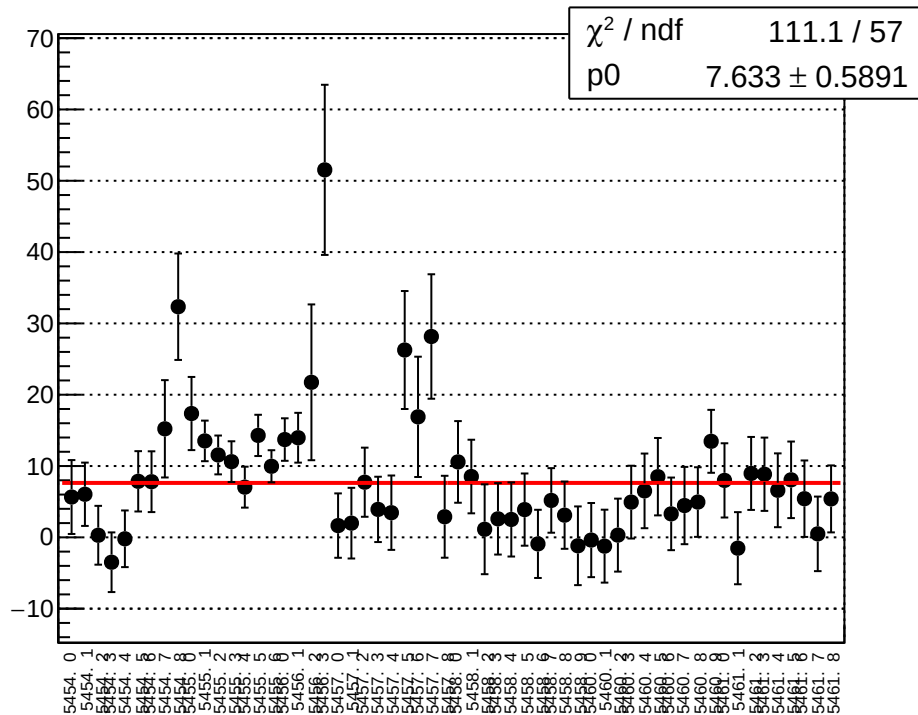
reg\_asym\_bcm\_an\_ds\_diff\_bpm4aY\_slope vs run



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

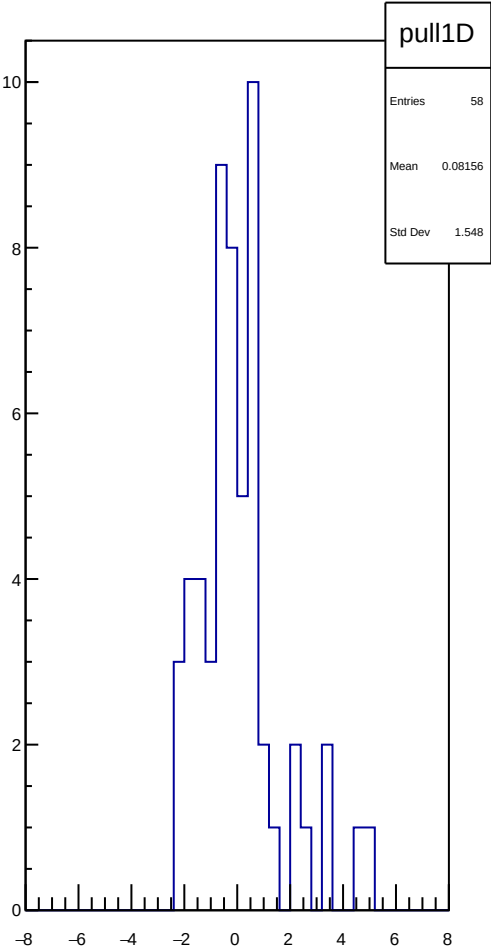
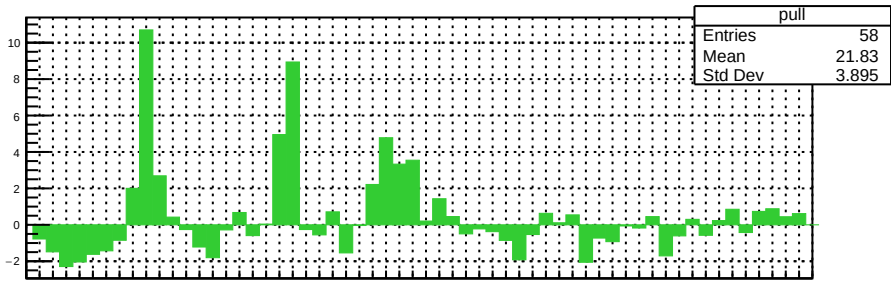
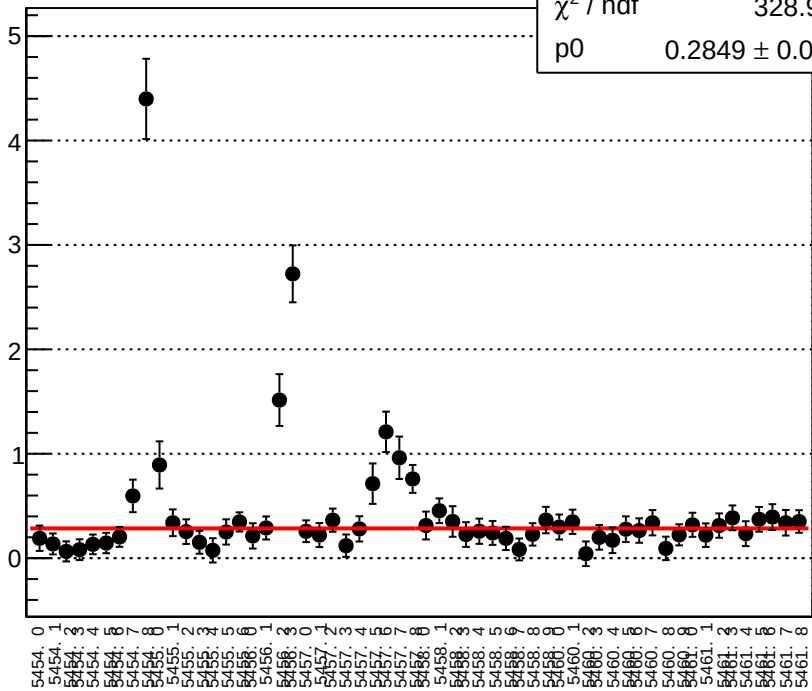


reg\_asym\_bcm\_an\_ds\_diff\_bpm4eY\_slope vs run

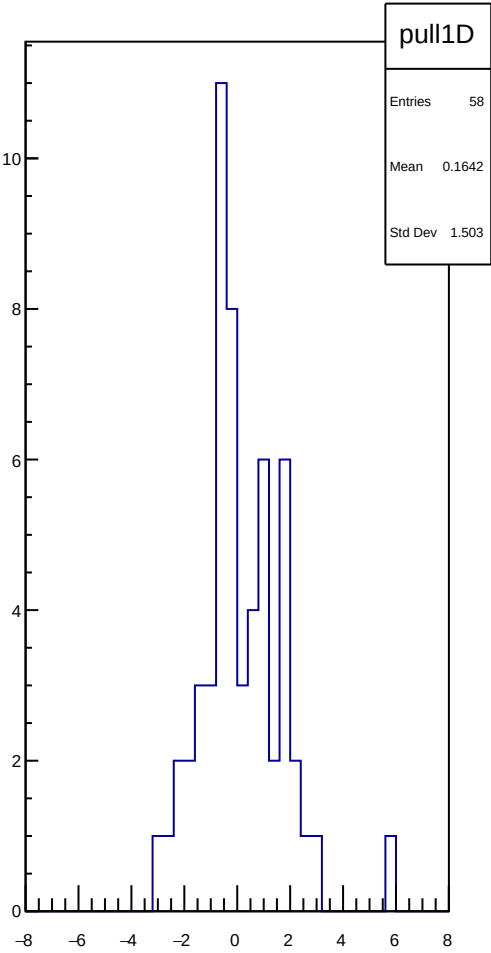
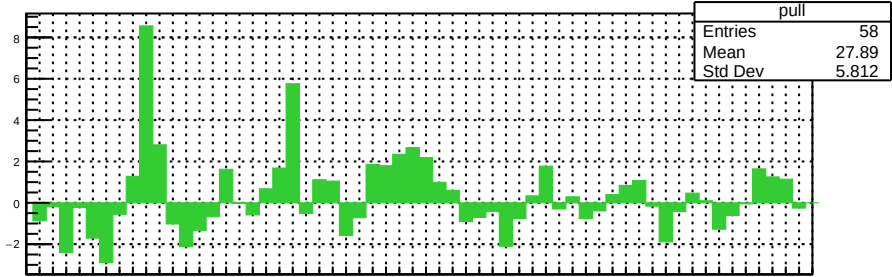
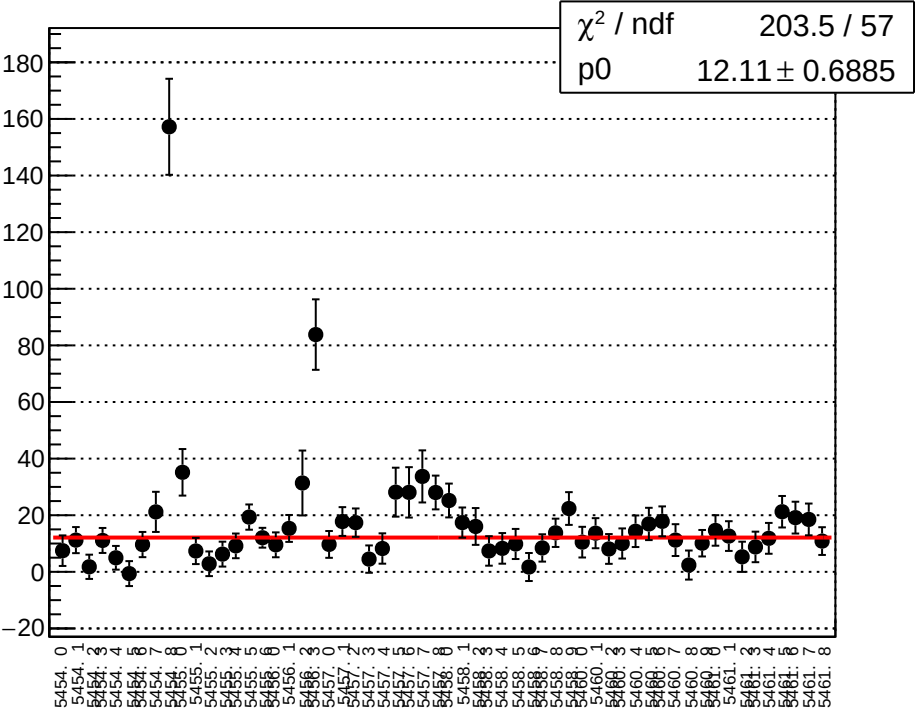


reg\_asym\_bcm\_an\_ds\_diff\_bpm12X\_slope vs run

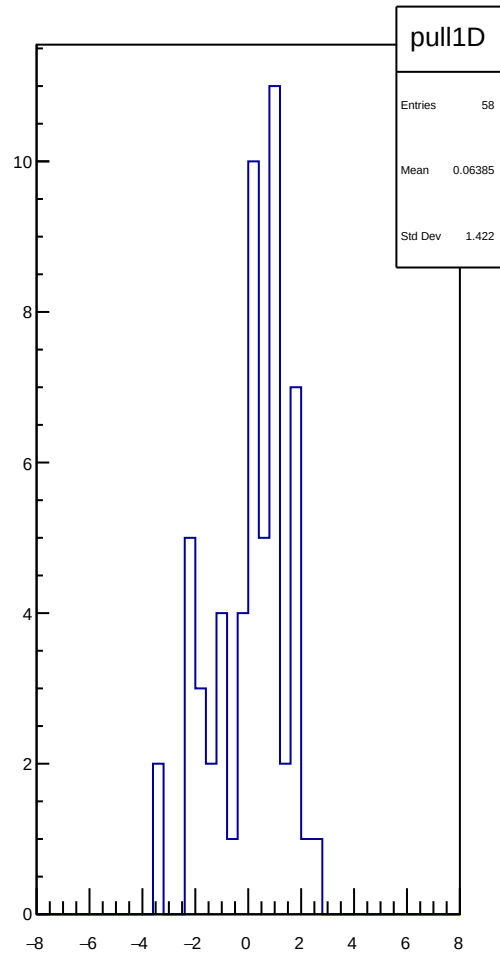
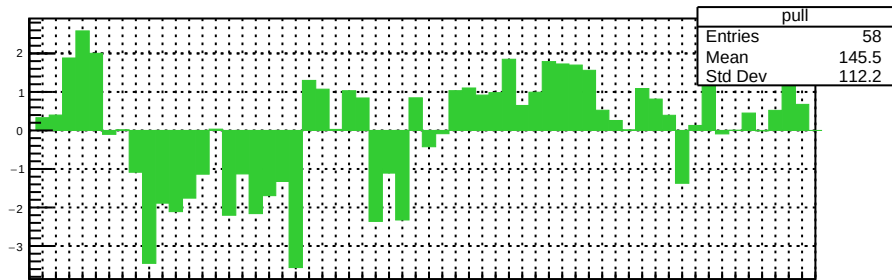
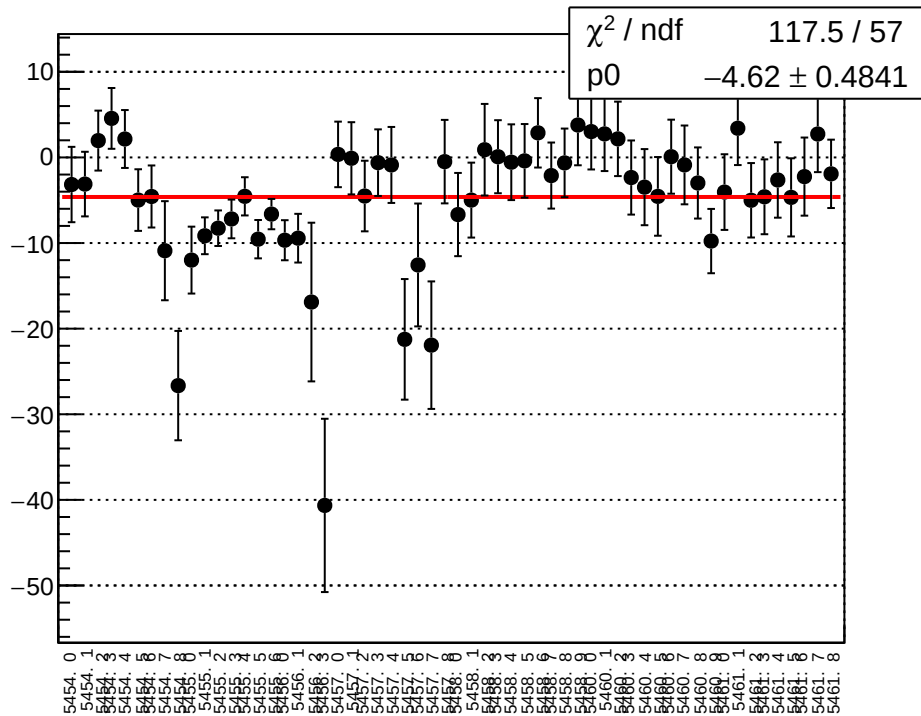
$\chi^2 / \text{ndf}$  328.9 / 57  
p0  $0.2849 \pm 0.01567$



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

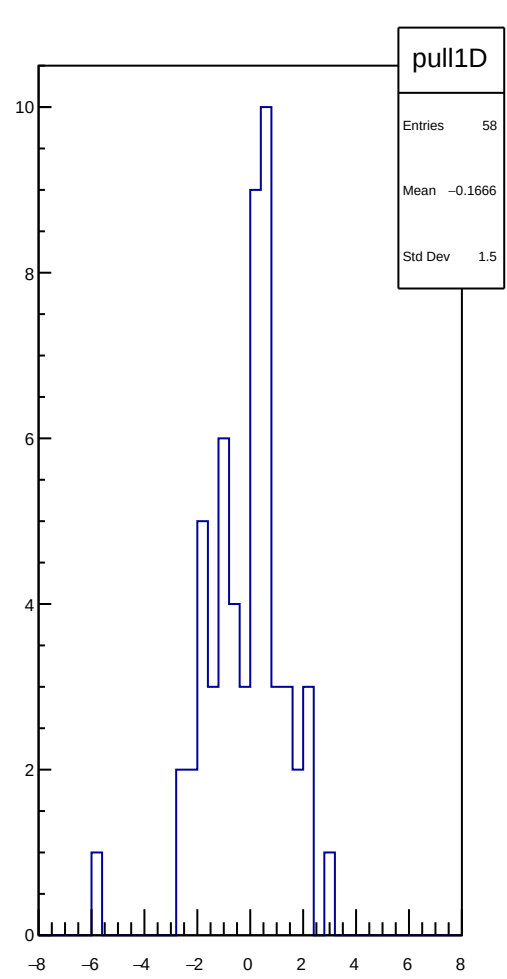
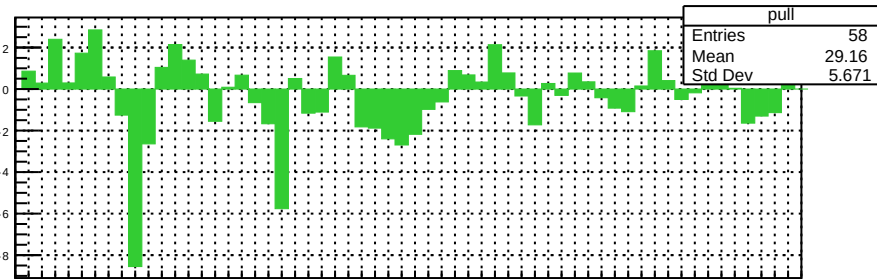
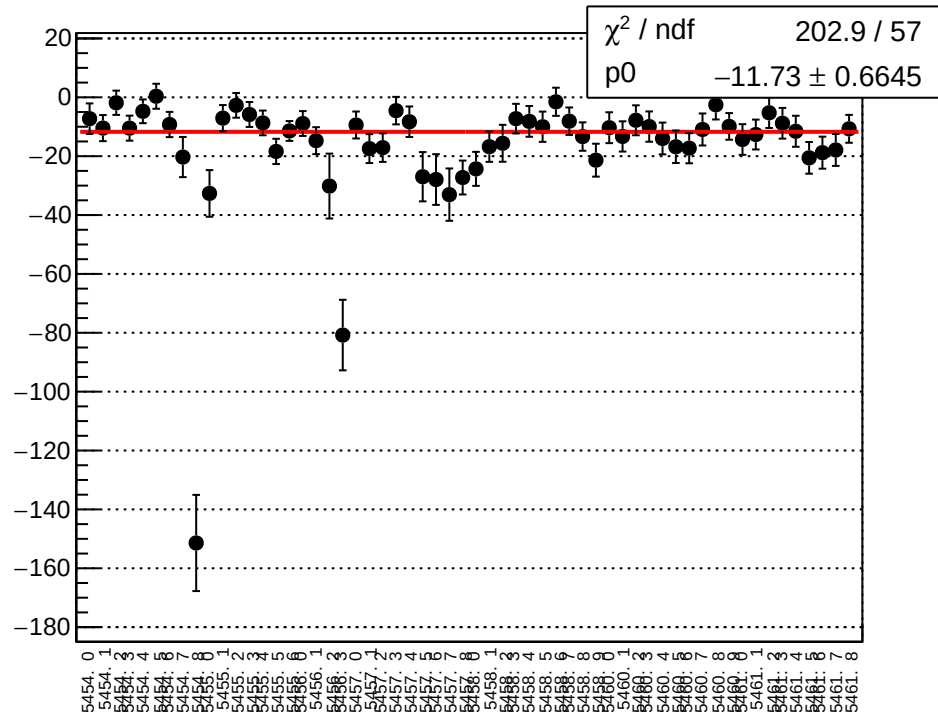


reg\_asym\_bcm\_an\_us\_diff\_bpm4aY\_slope vs run

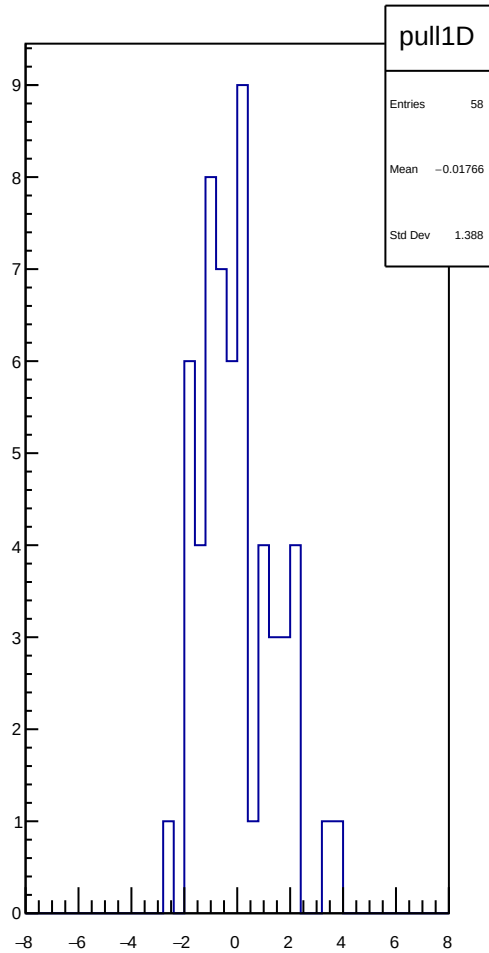
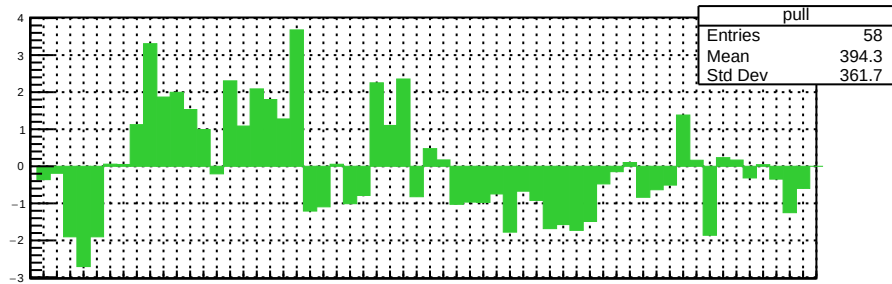
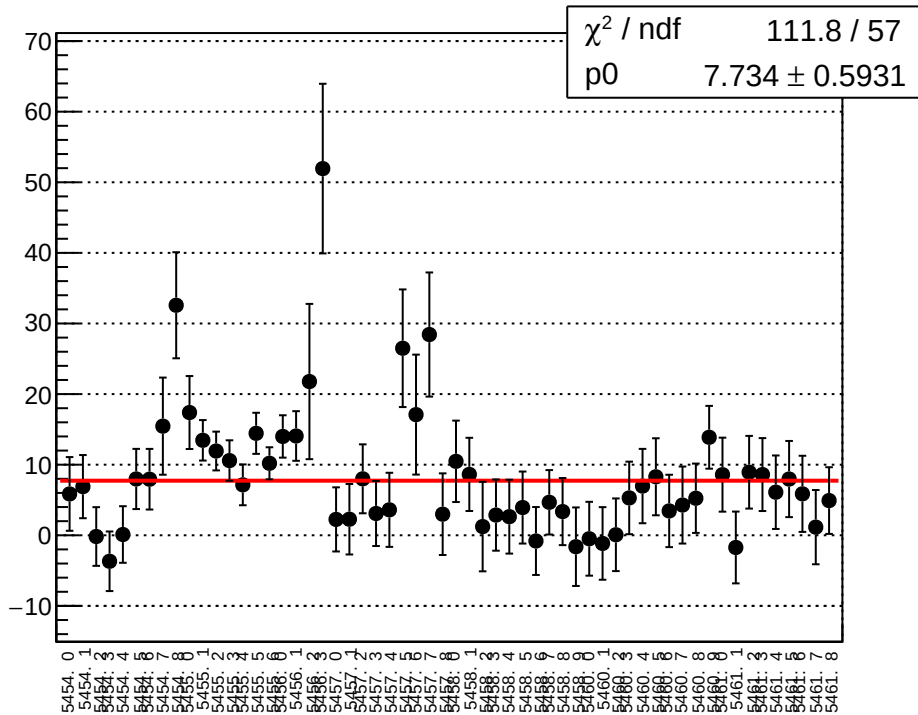




reg\_asym\_bcm\_an\_us\_diff\_bpm4eX\_slope vs run

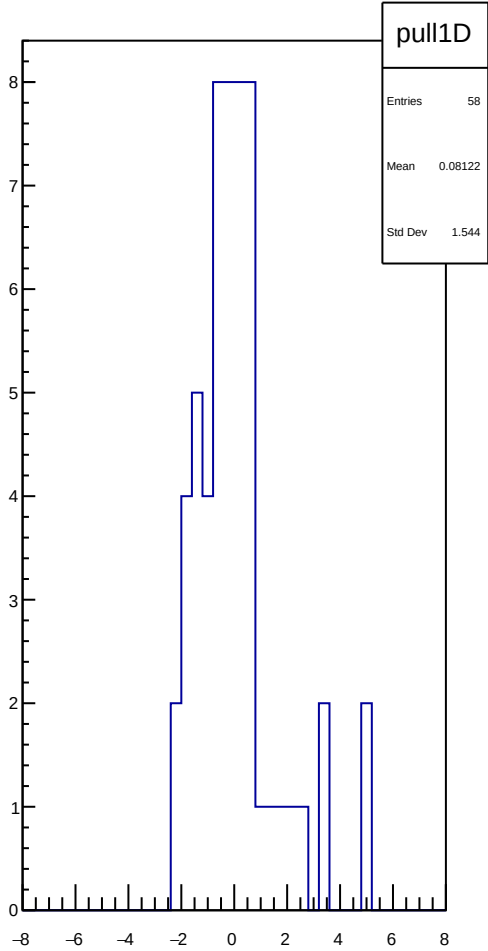
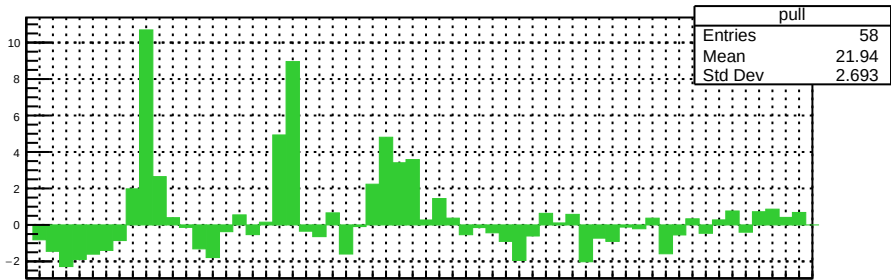
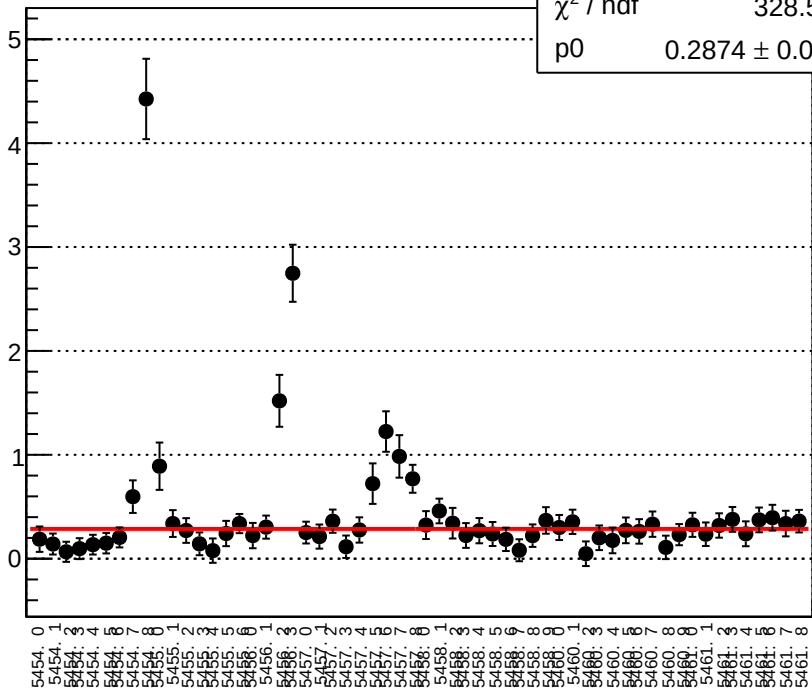


reg\_asym\_bcm\_an\_us\_diff\_bpm4eY\_slope vs run

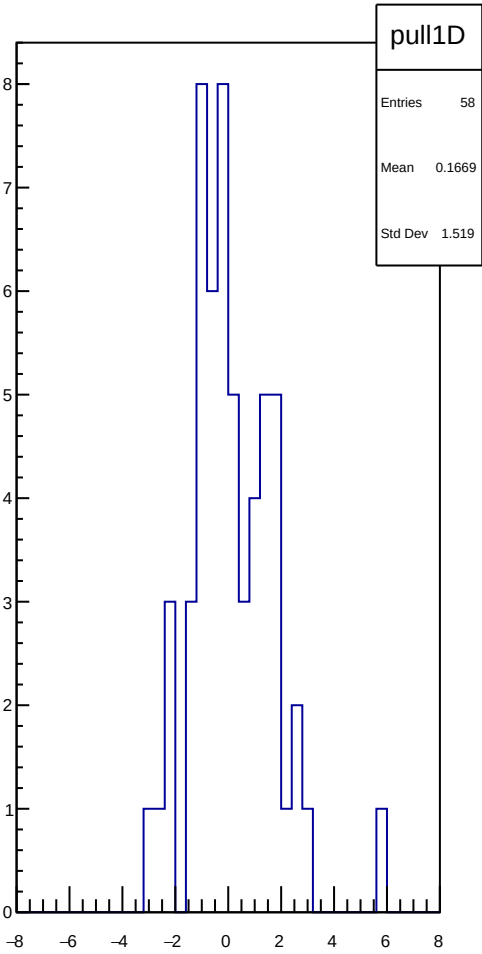
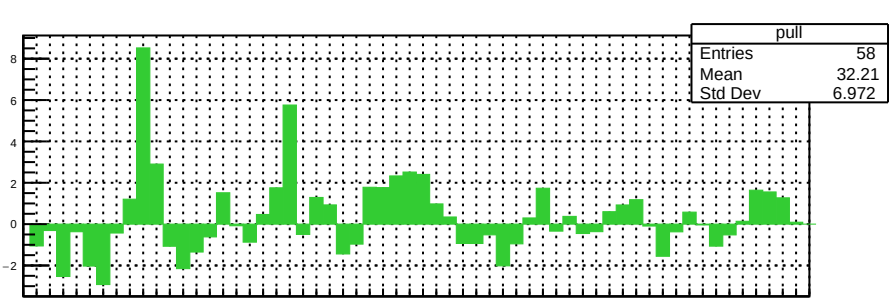
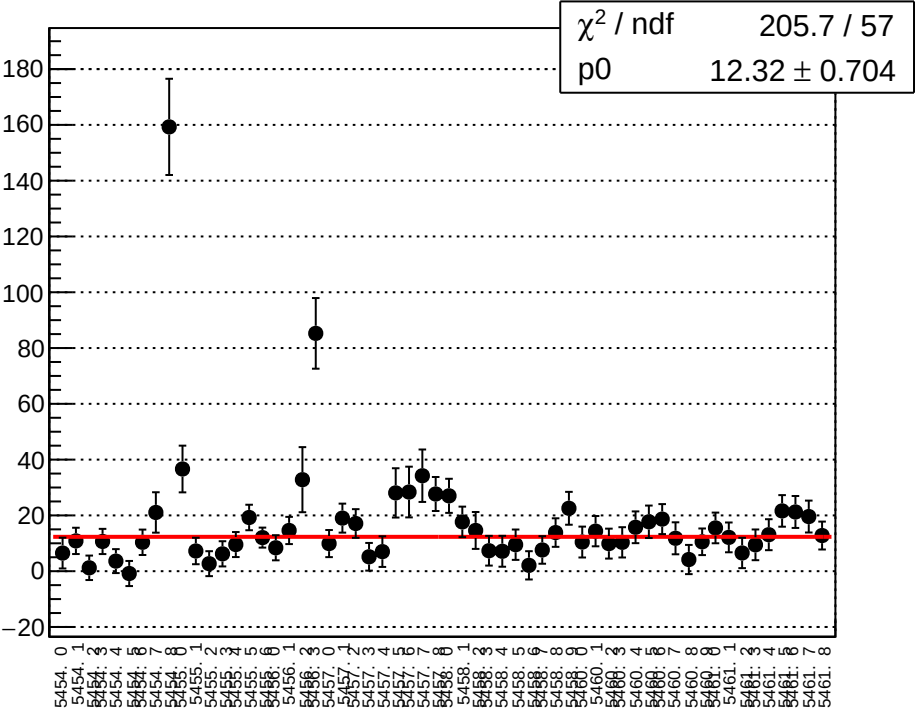


reg\_asym\_bcm\_an\_us\_diff\_bpm12X\_slope vs run

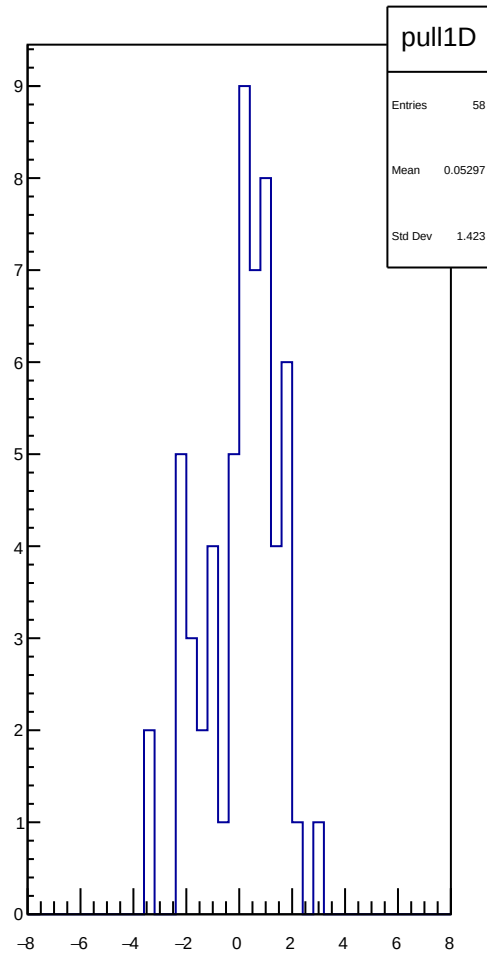
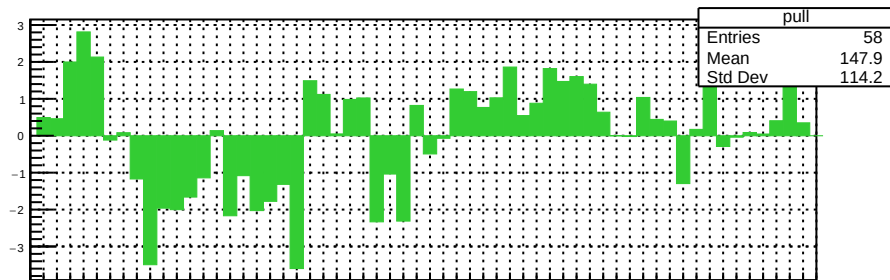
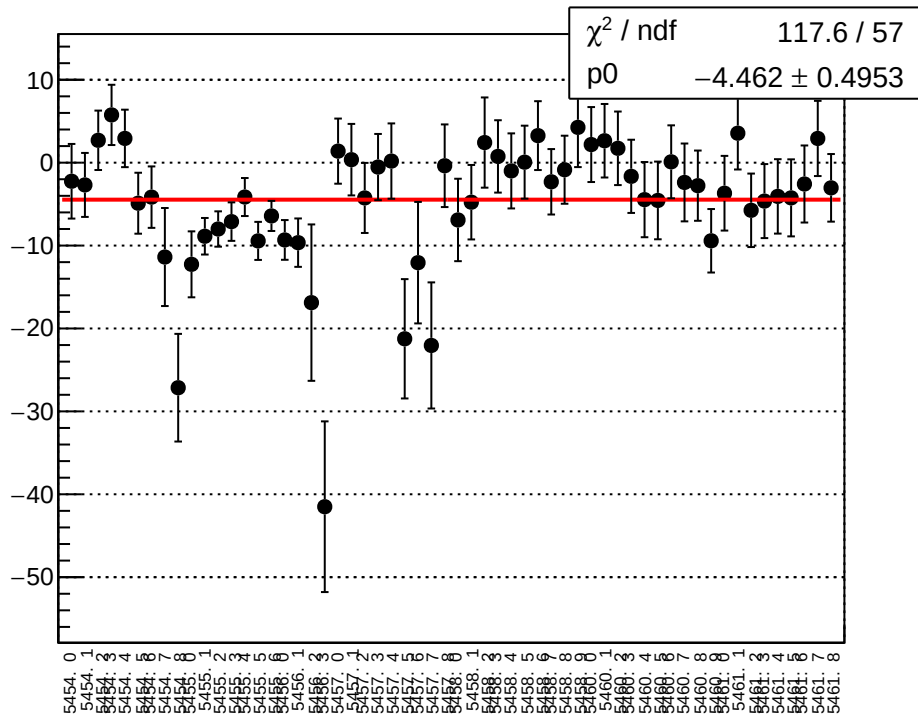
$\chi^2 / \text{ndf}$  328.5 / 57  
p0  $0.2874 \pm 0.01578$



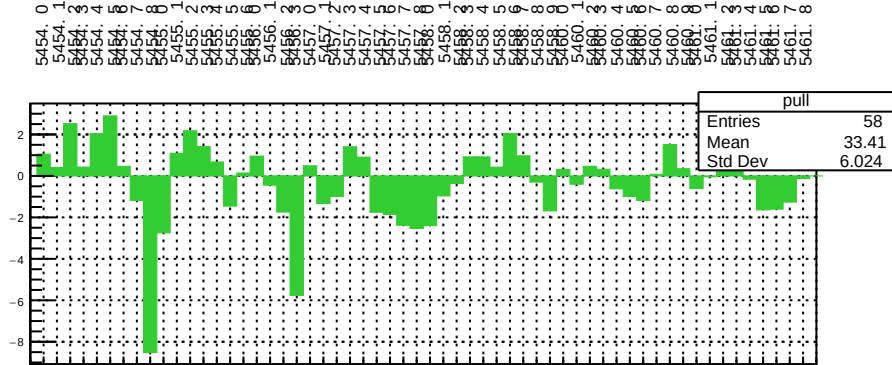
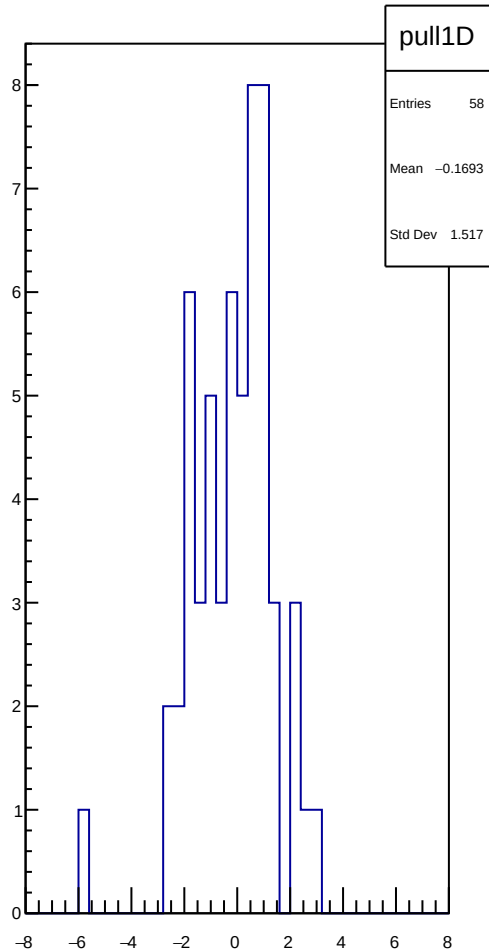
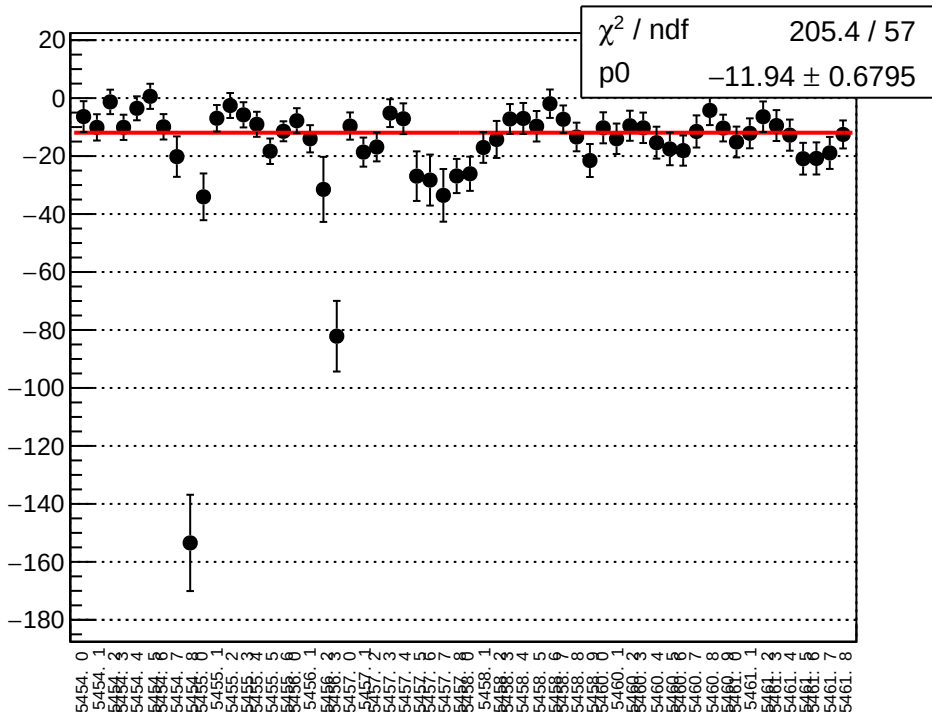
reg\_asym\_bcm\_dg\_ds\_diff\_bpm4aX\_slope vs run



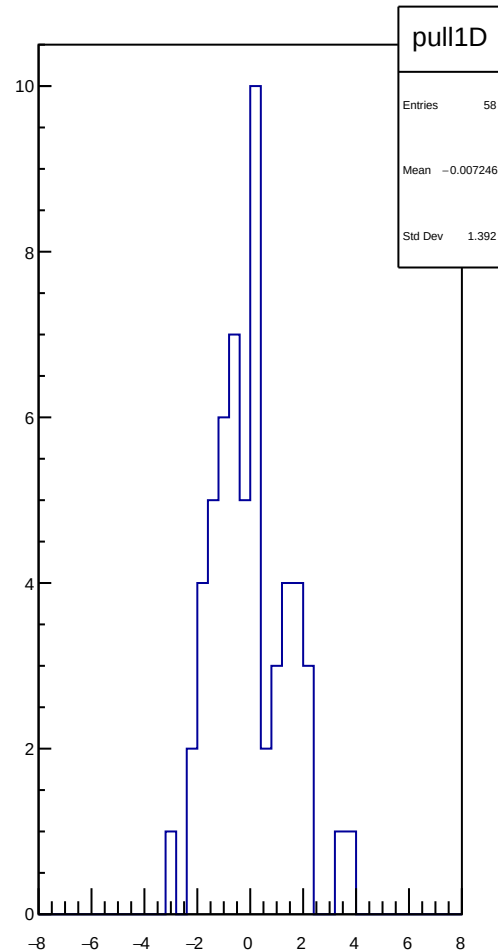
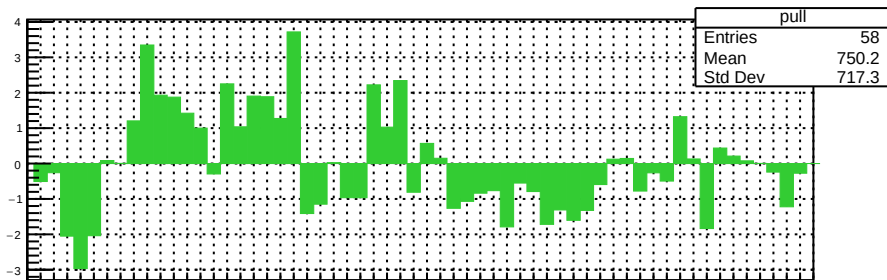
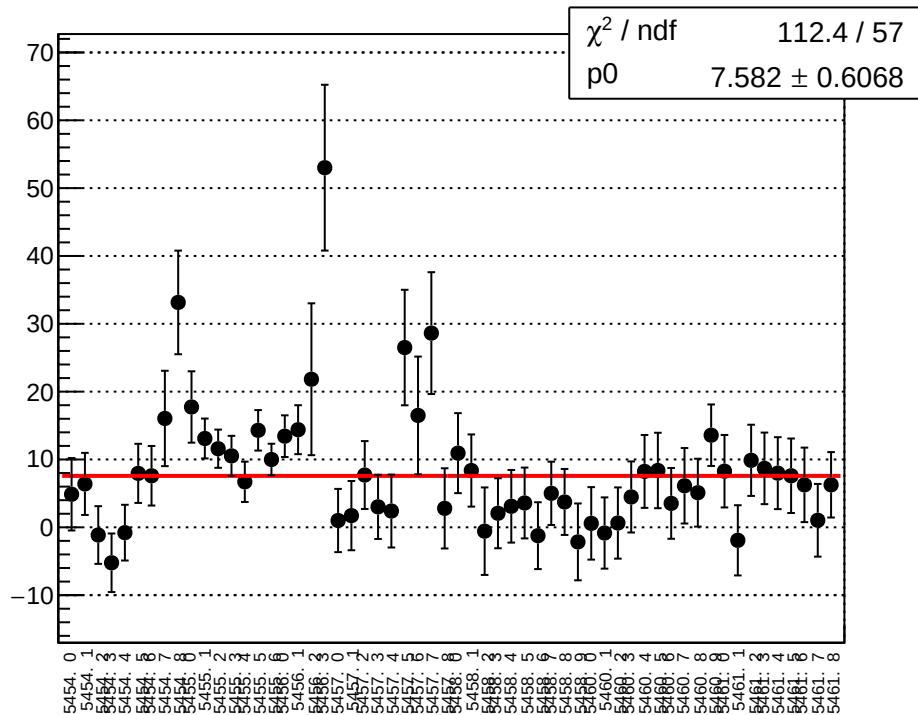
reg\_asym\_bcm\_dg\_ds\_diff\_bpm4aY\_slope vs run



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

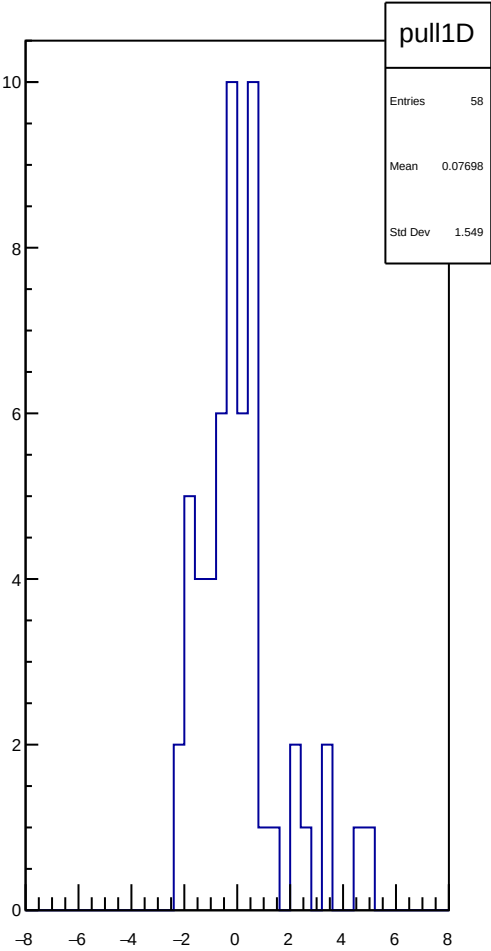
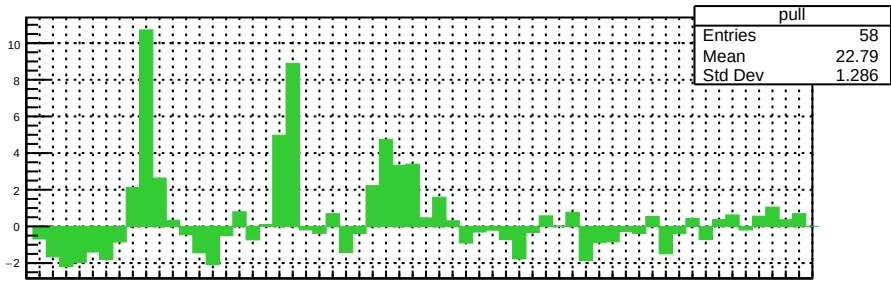
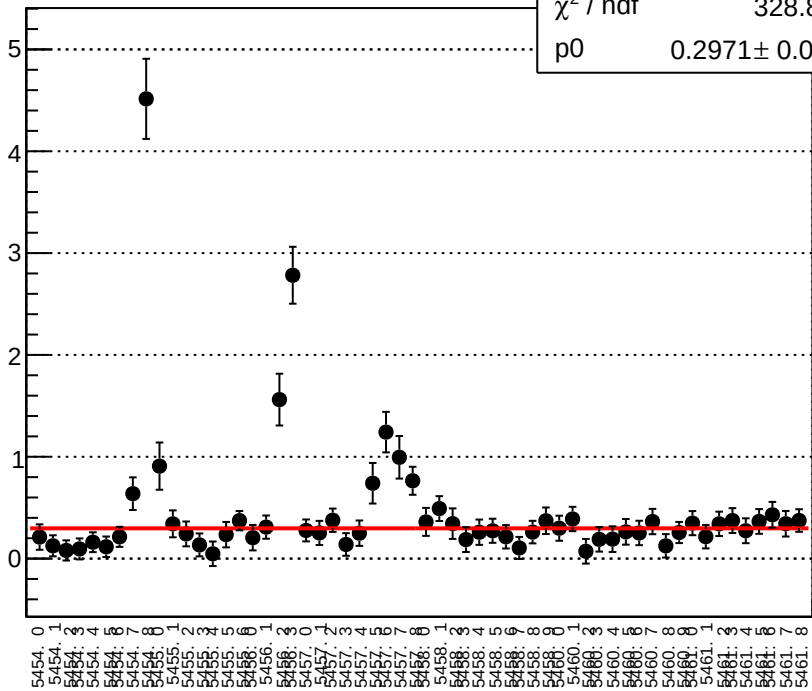


reg\_asym\_bcm\_dg\_ds\_diff\_bpm4eY\_slope vs run



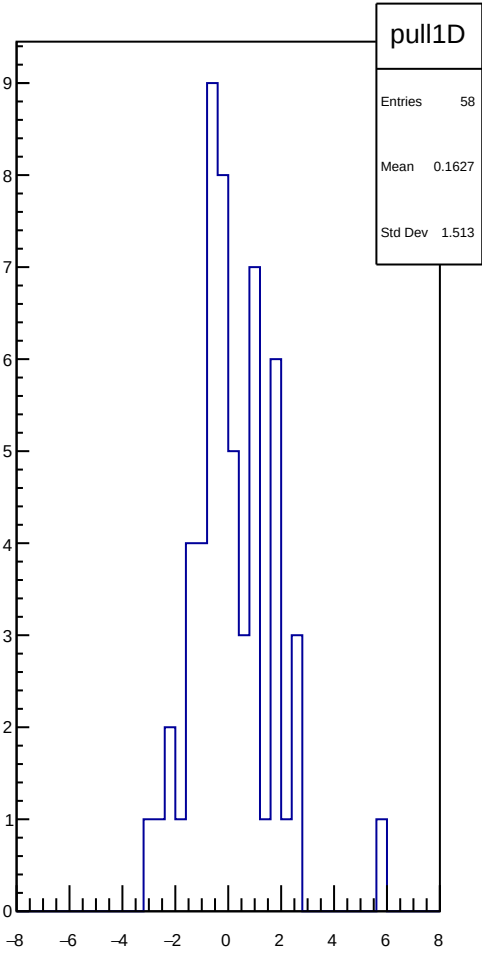
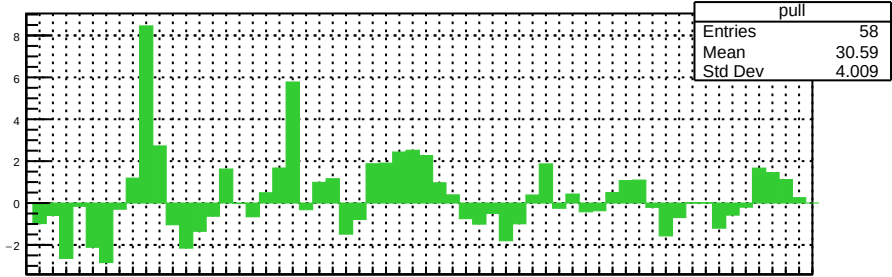
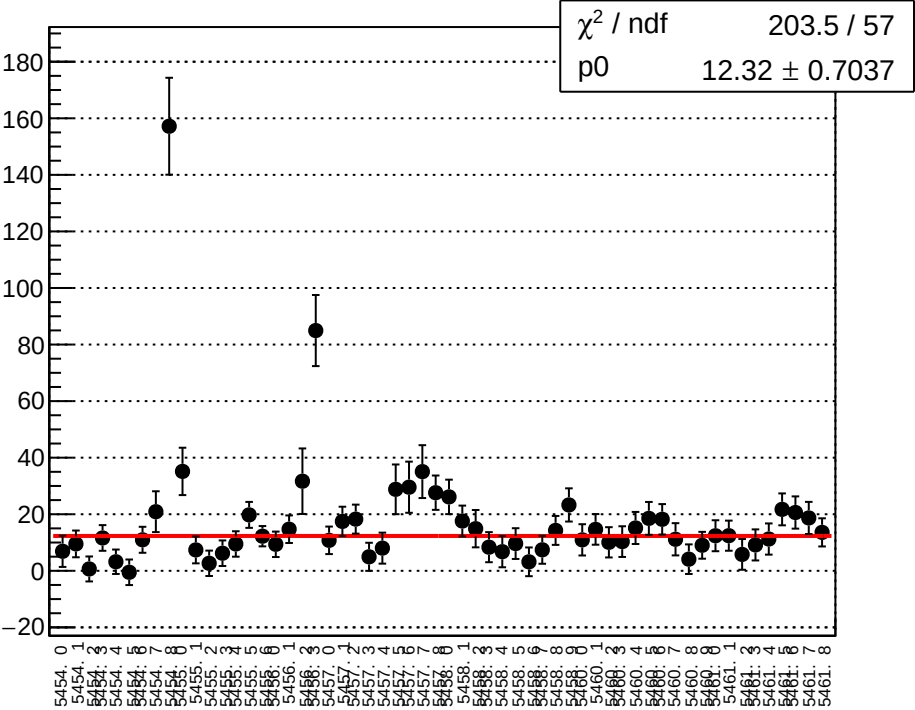
reg\_asym\_bcm\_dg\_ds\_diff\_bpm12X\_slope vs run

$\chi^2 / \text{ndf}$  328.8 / 57  
p0 0.2971±0.01613

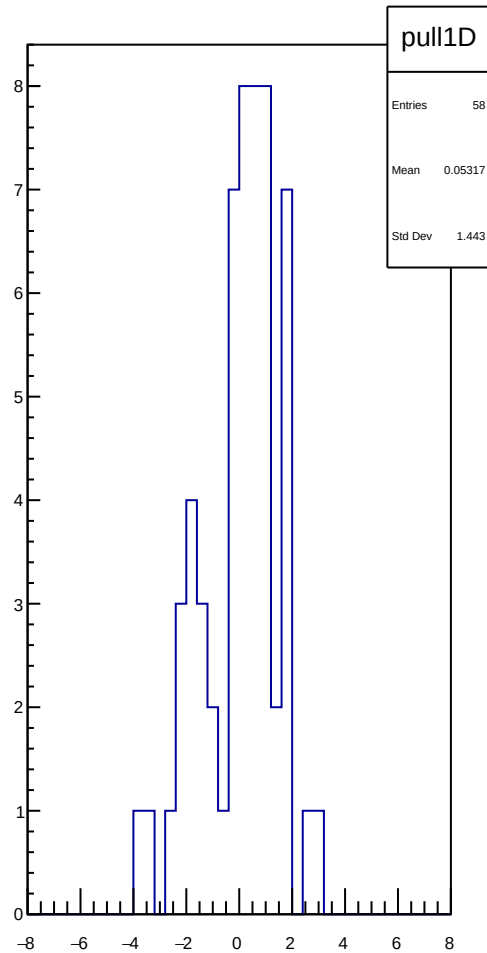
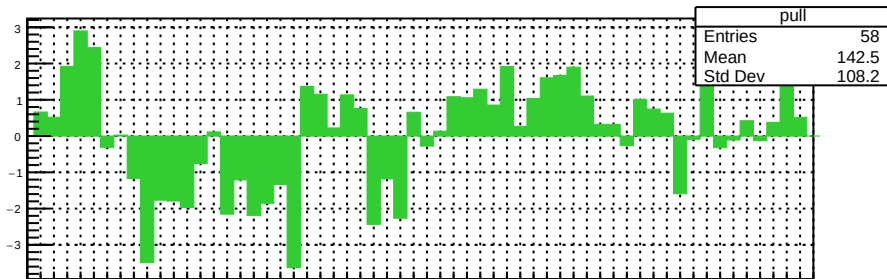
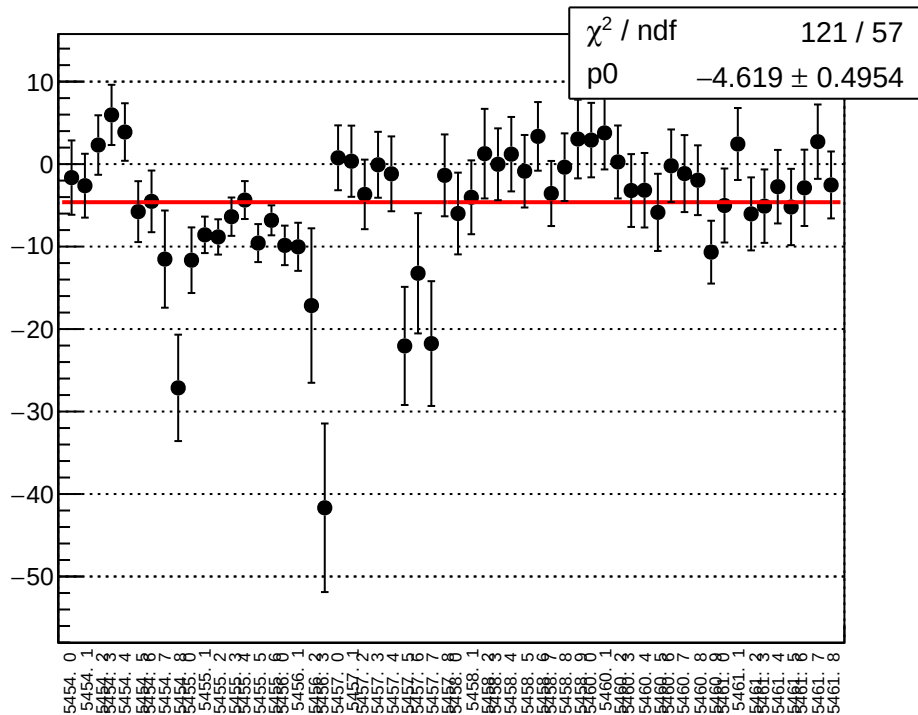




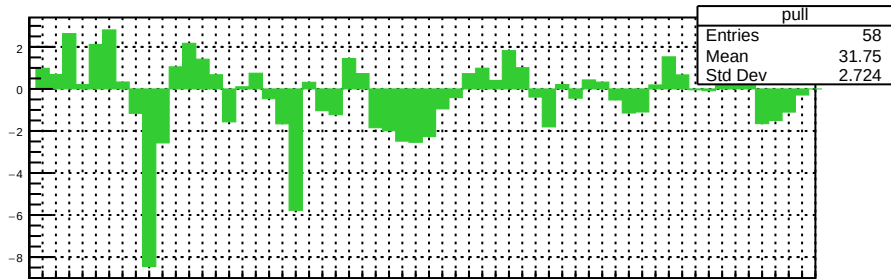
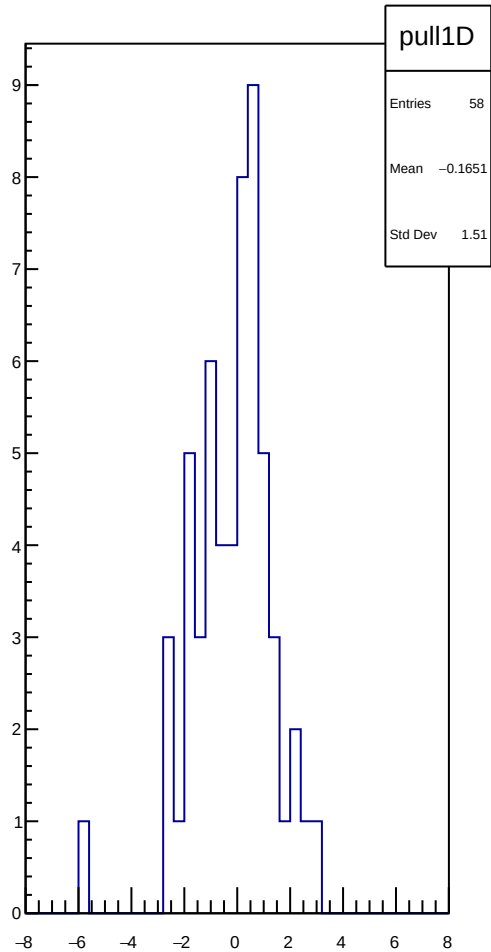
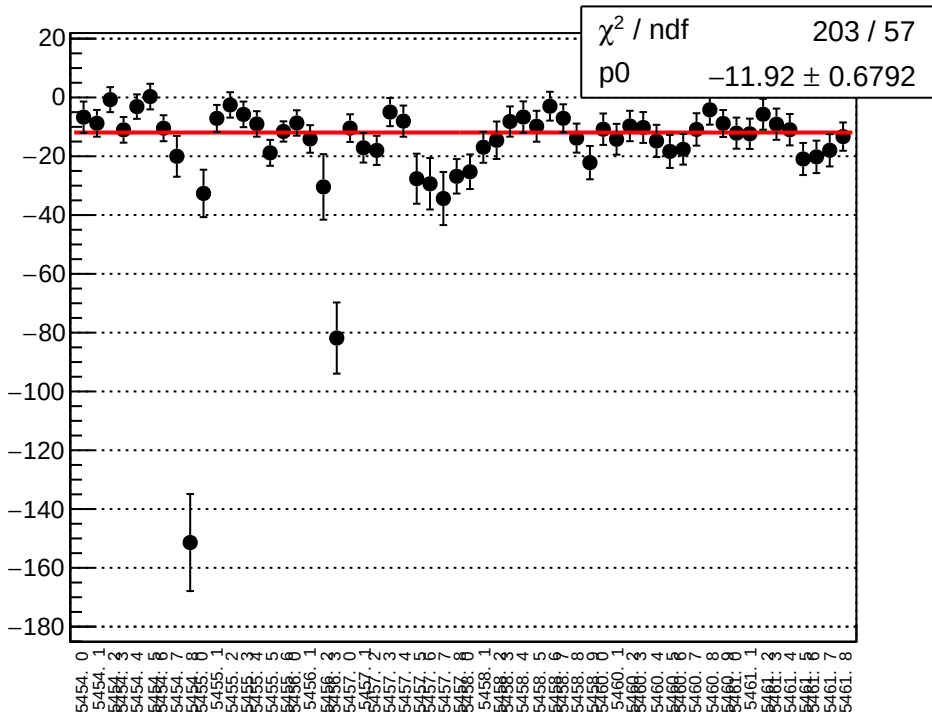
reg\_asym\_bcm\_dg\_us\_diff\_bpm4aX\_slope vs run



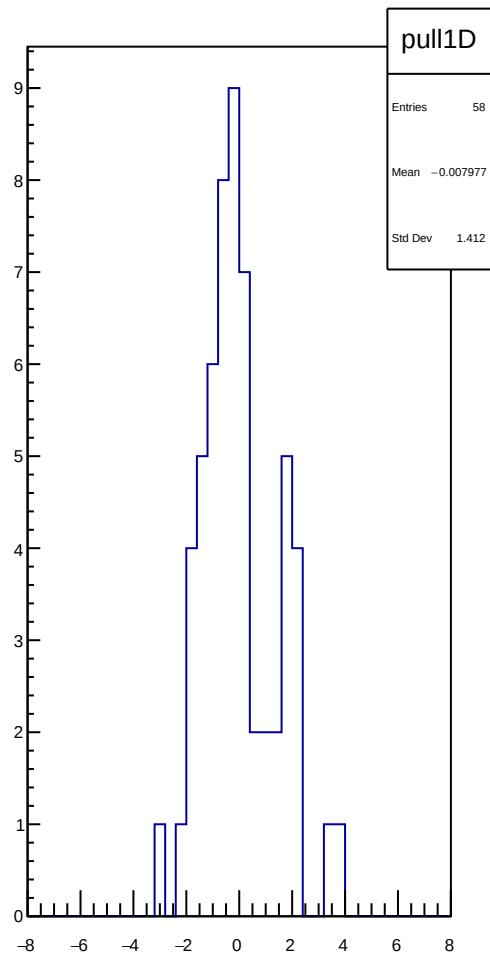
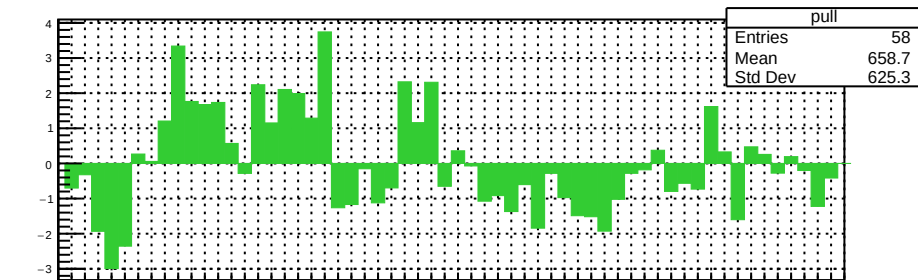
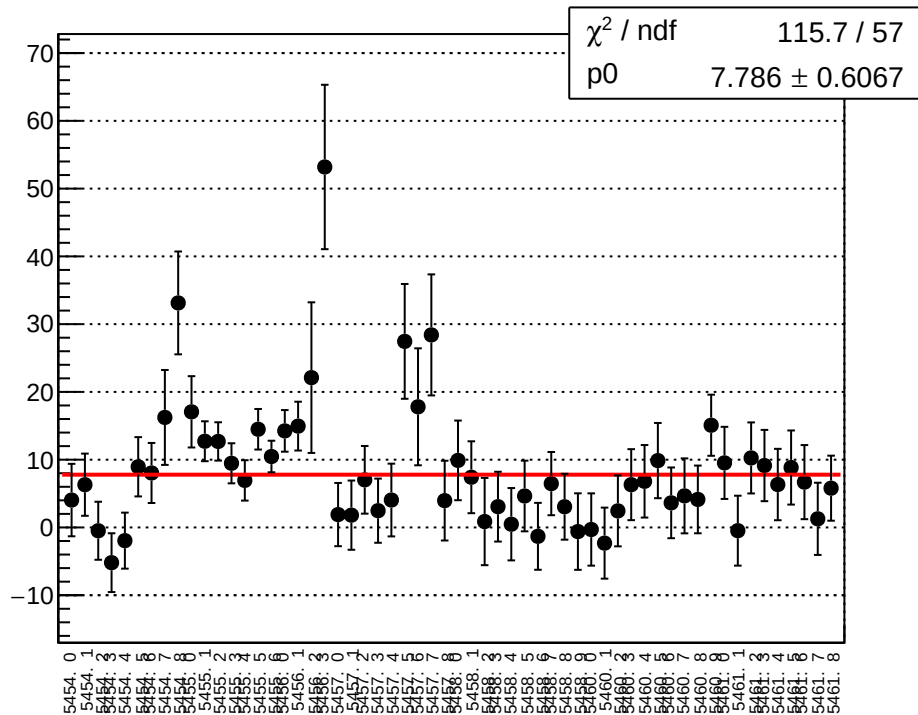
reg\_asym\_bcm\_dg\_us\_diff\_bpm4aY\_slope vs run



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



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



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

$\chi^2 / \text{ndf}$  328.2 / 57  
p0  $0.2924 \pm 0.01612$

