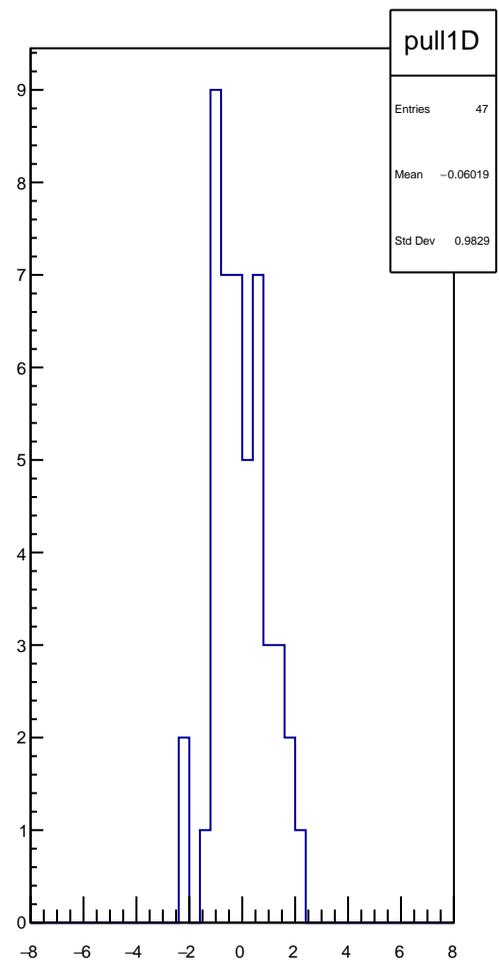
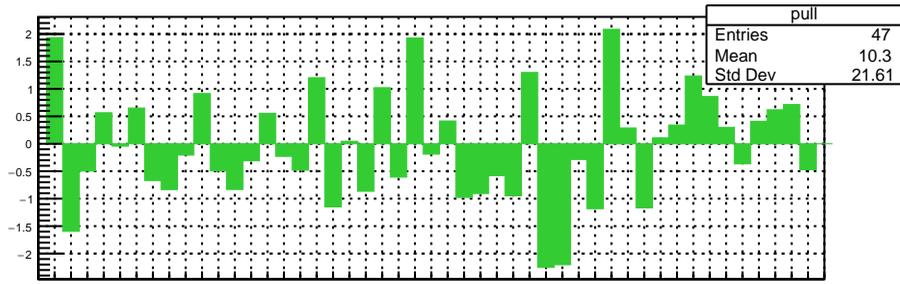
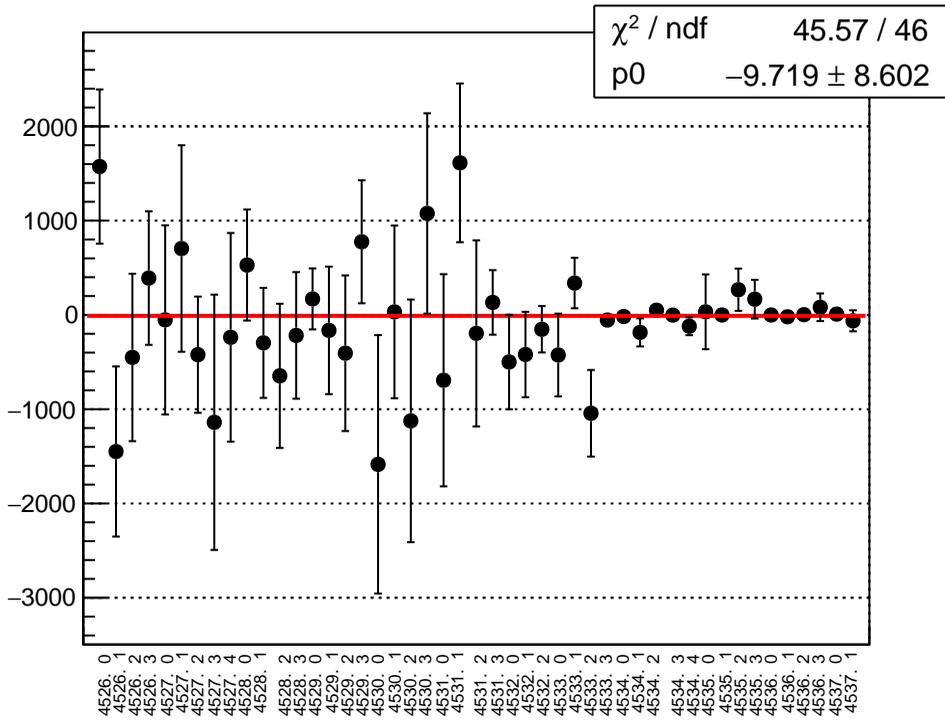
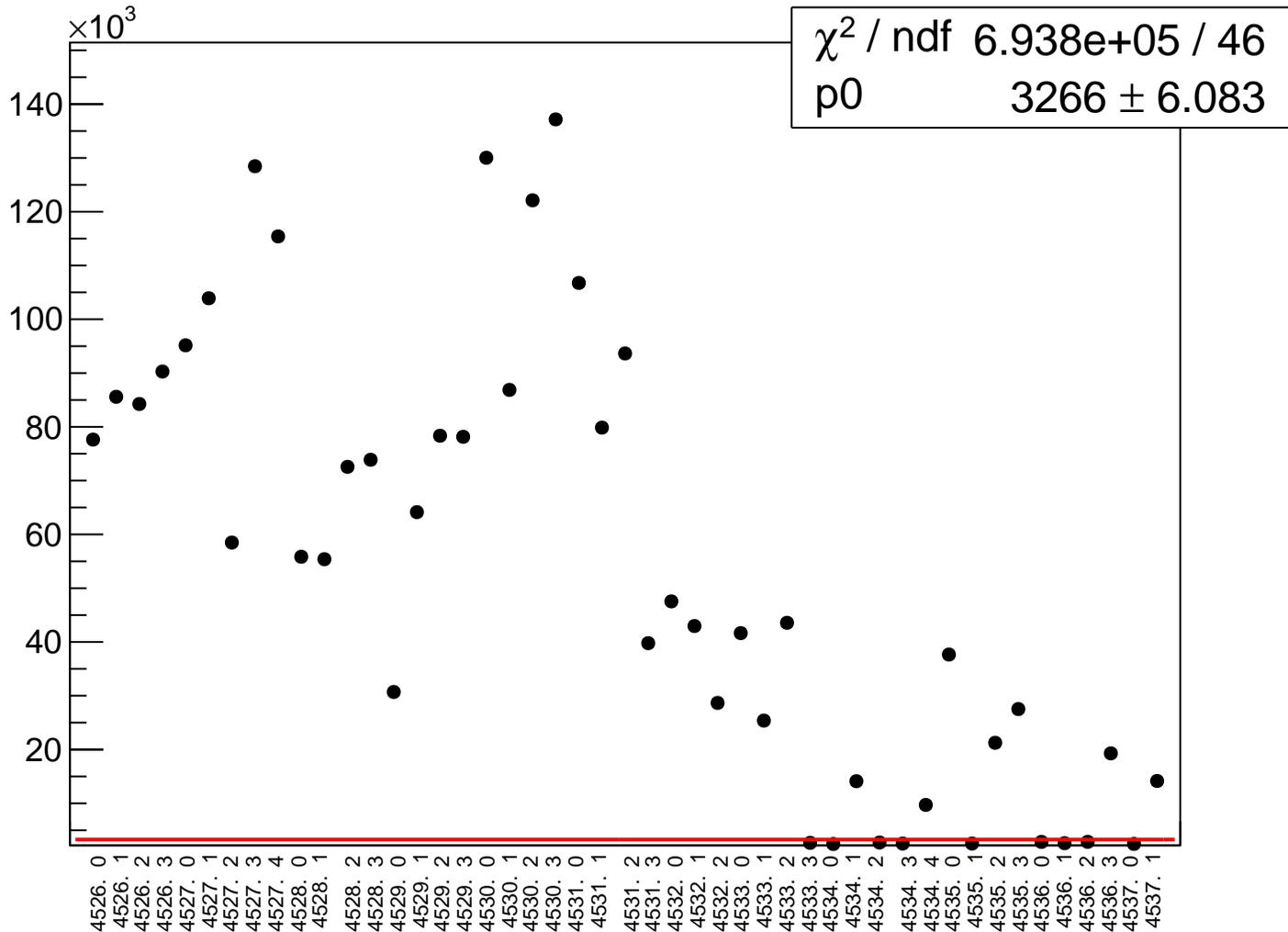


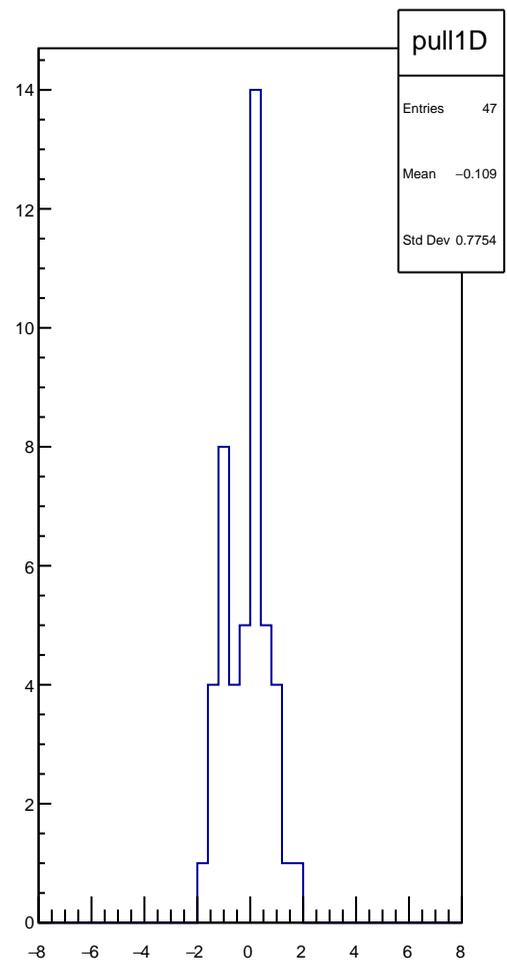
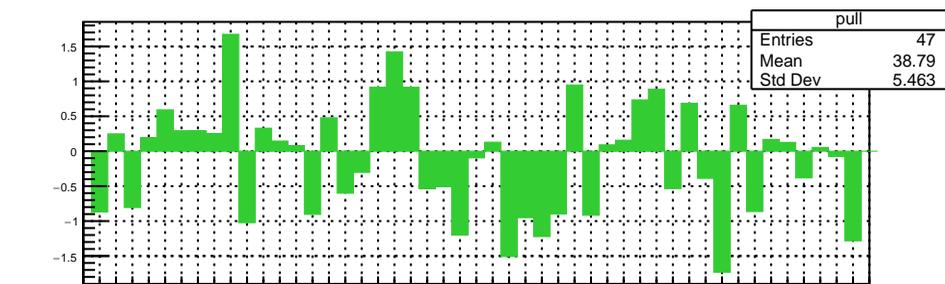
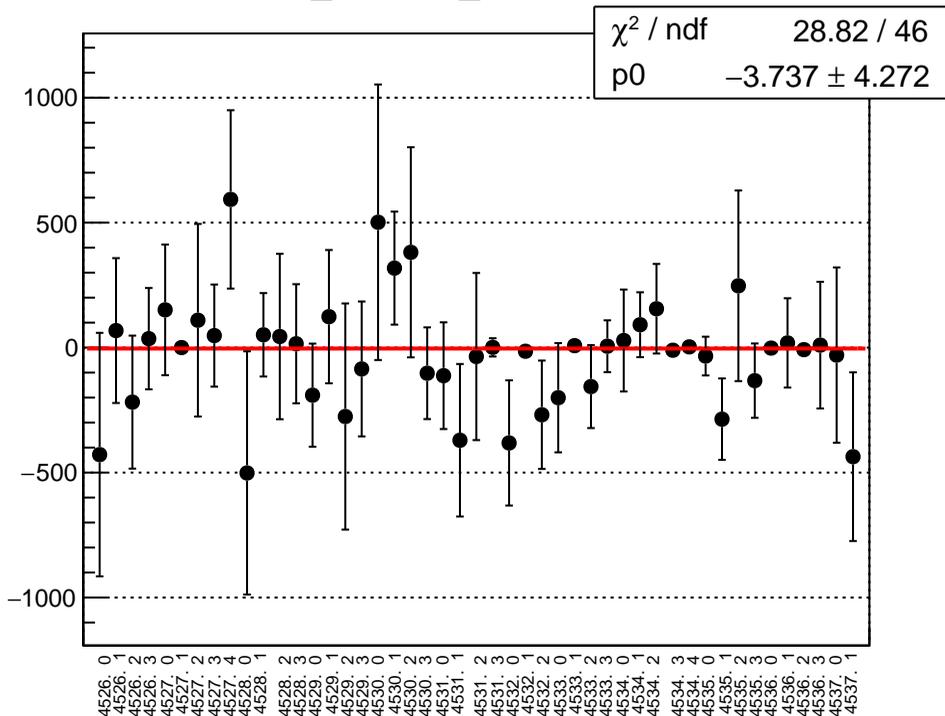
# diff\_cav4bX\_mean vs run



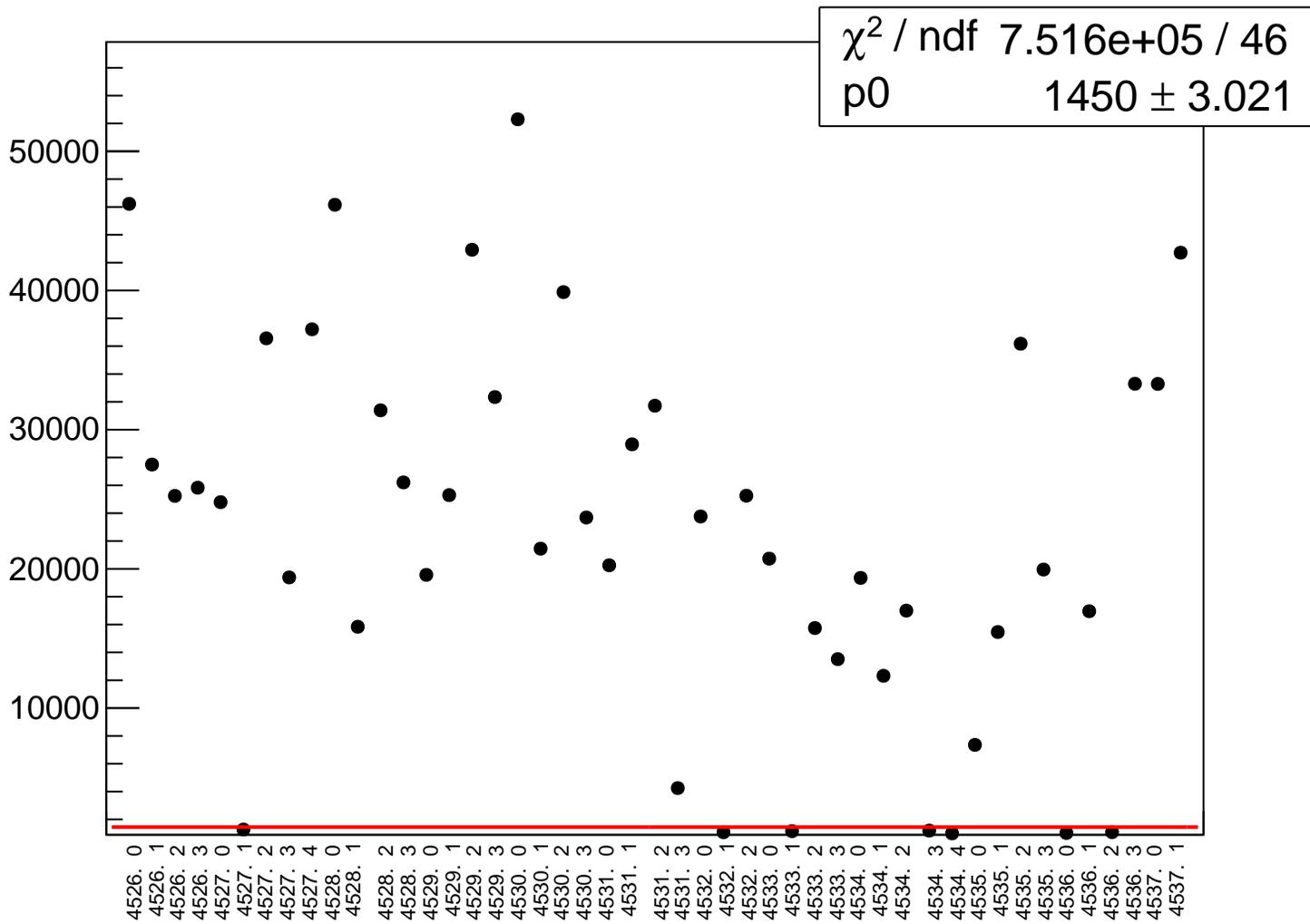
## diff\_cav4bX\_rms vs run



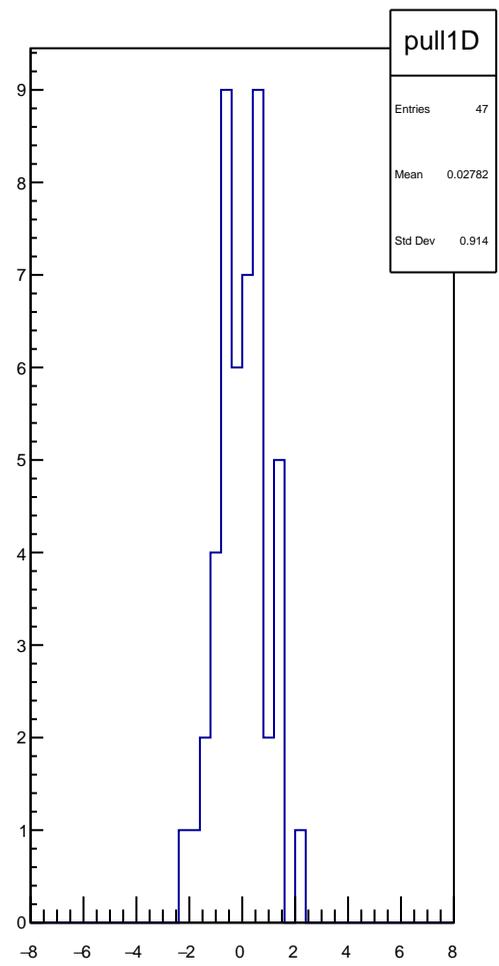
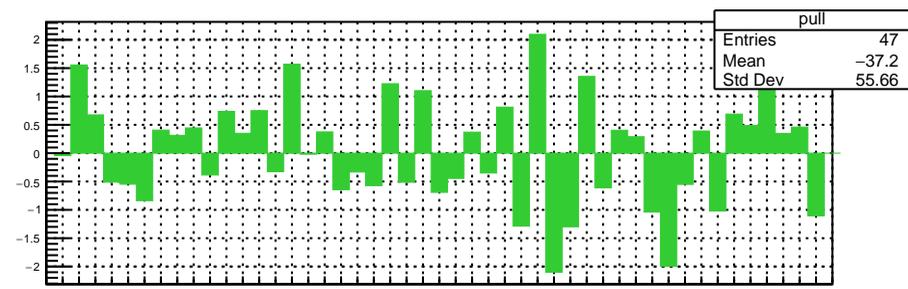
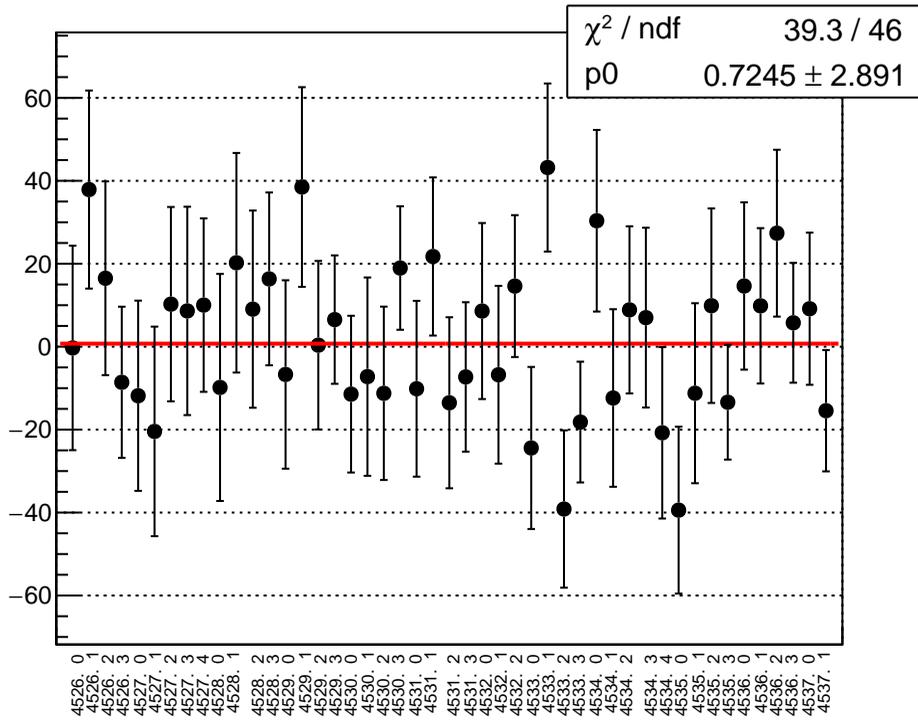
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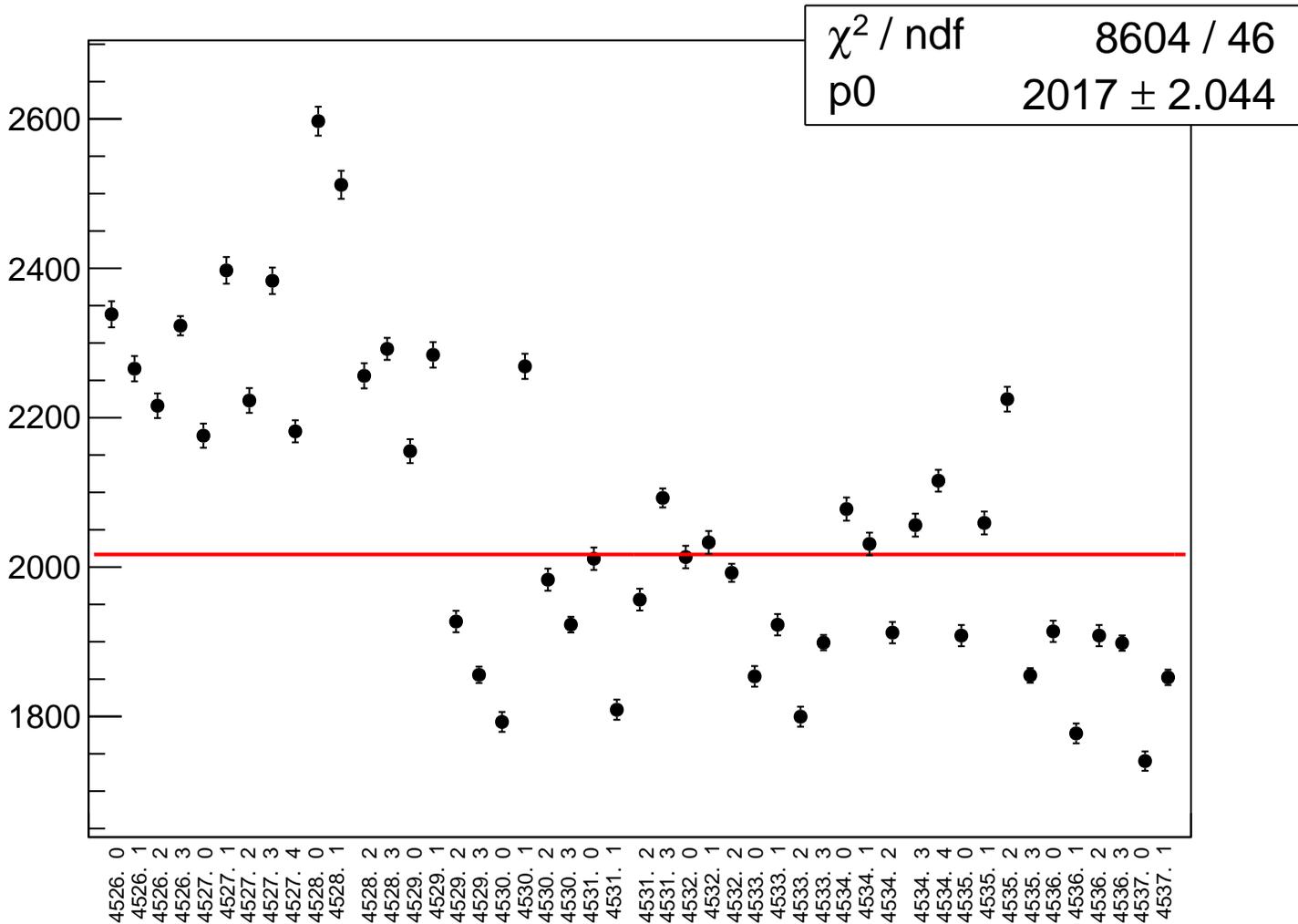
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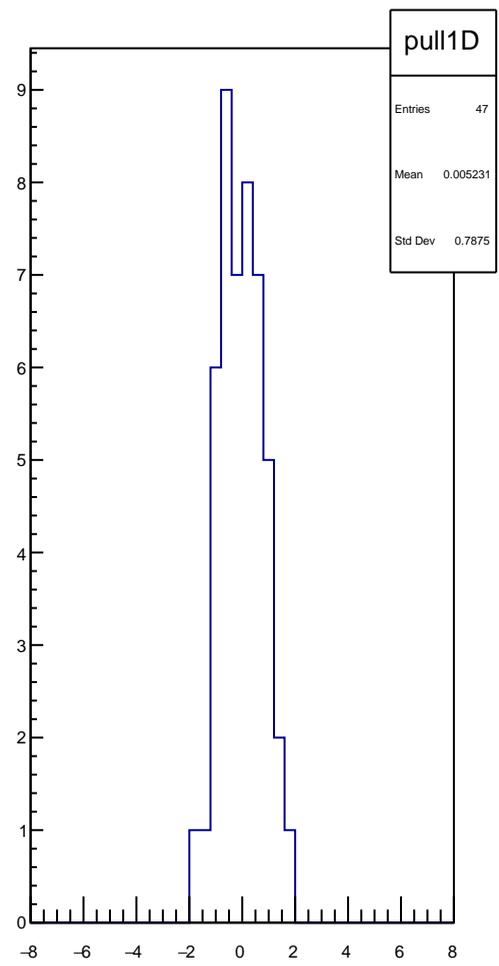
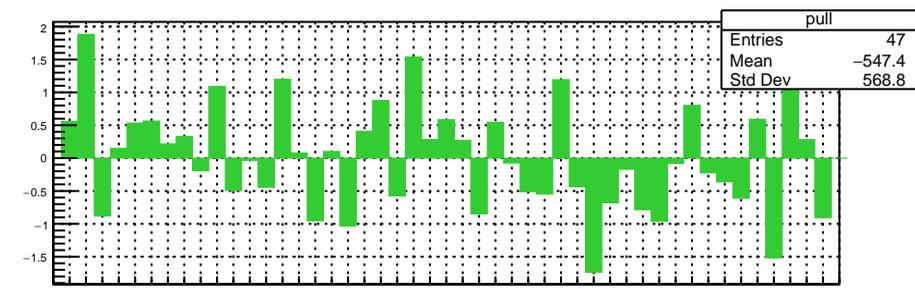
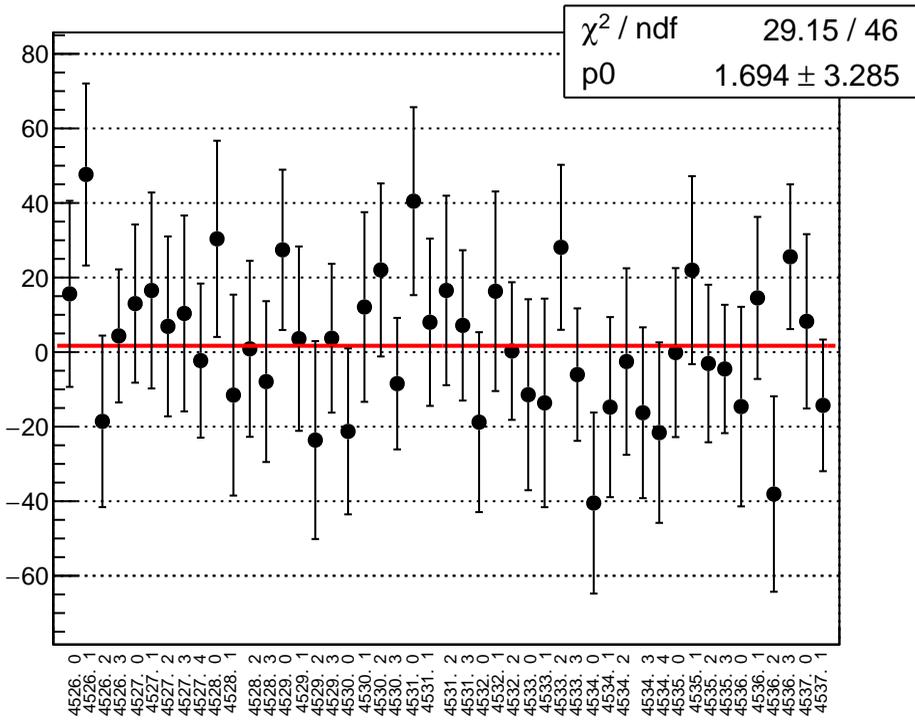
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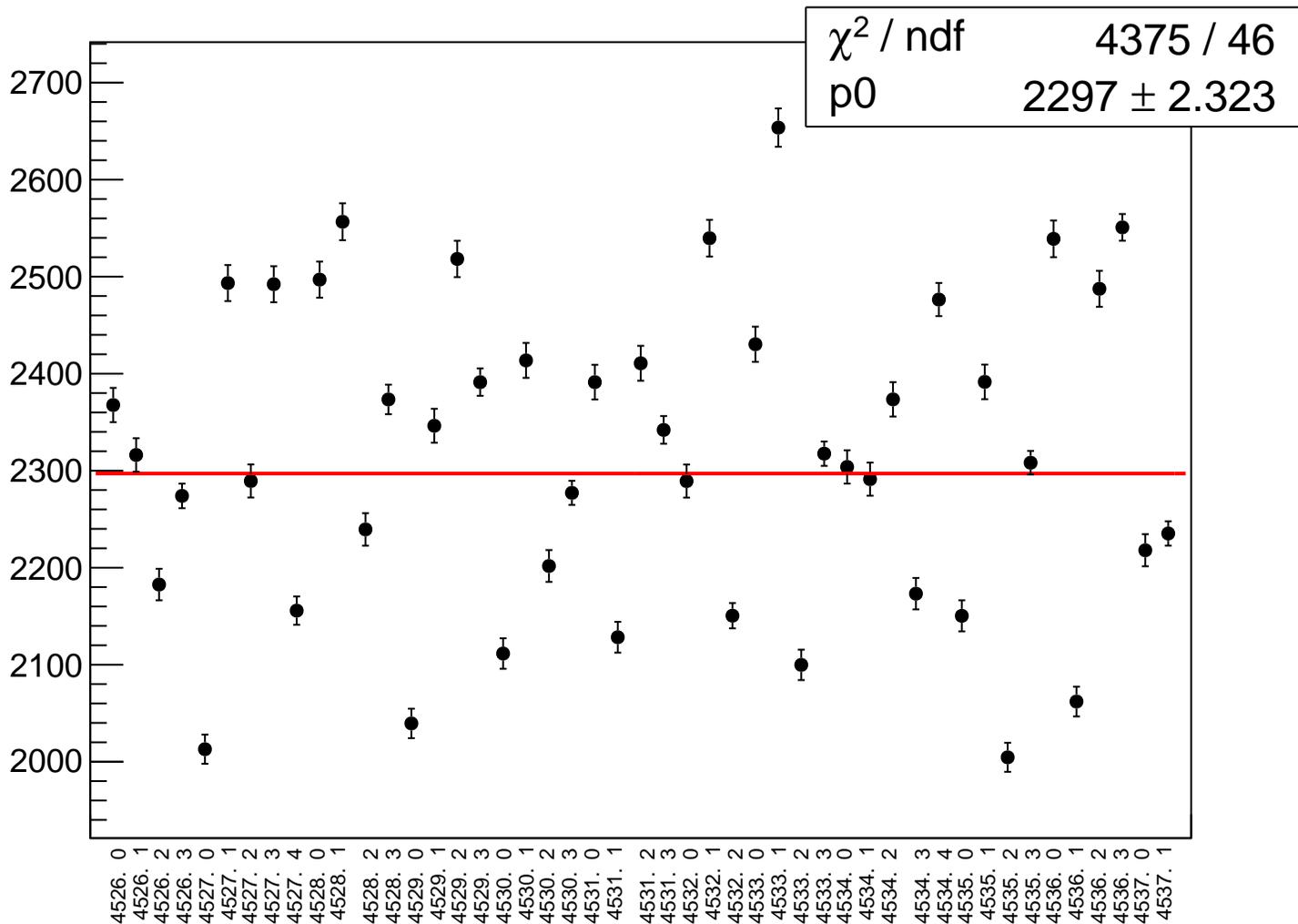
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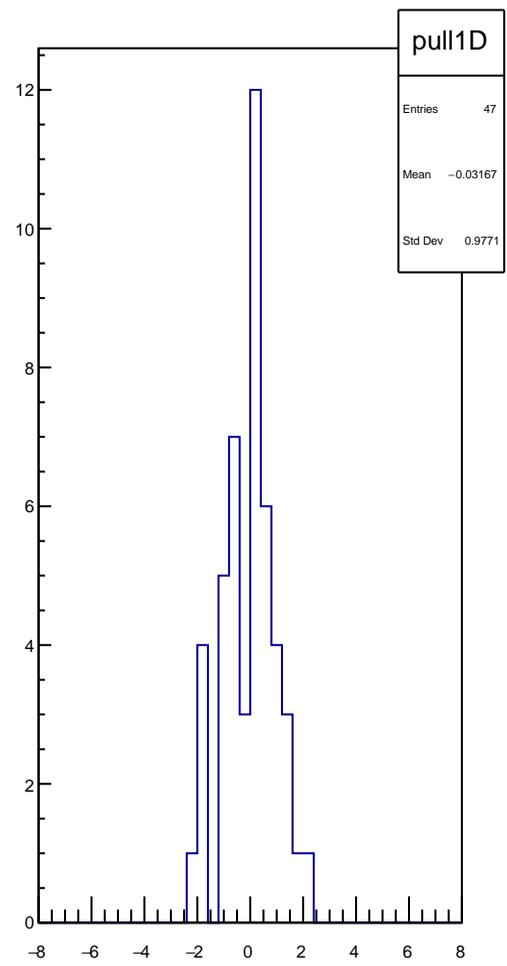
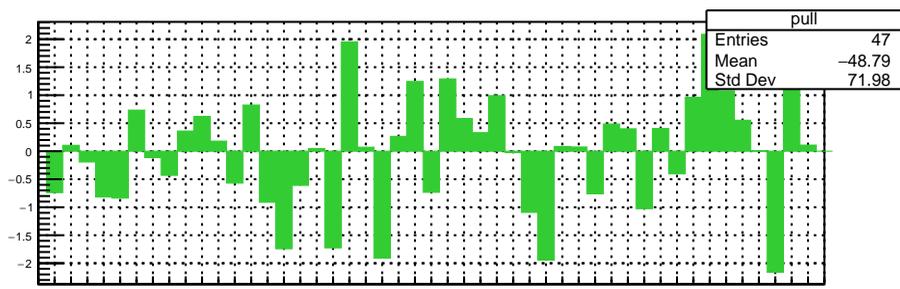
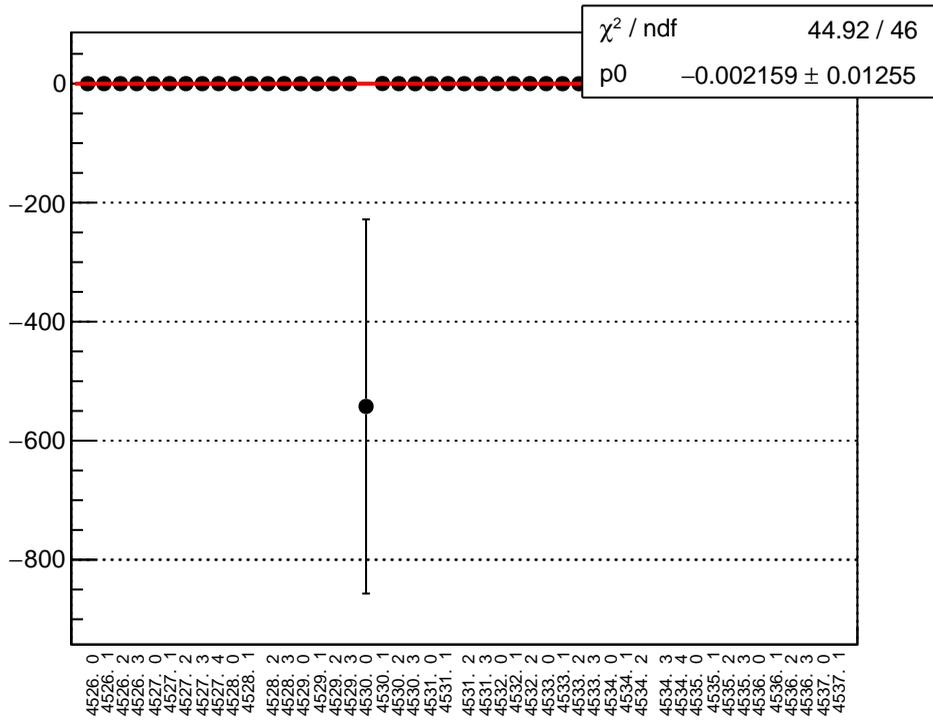
# diff\_cav4cY\_mean vs run



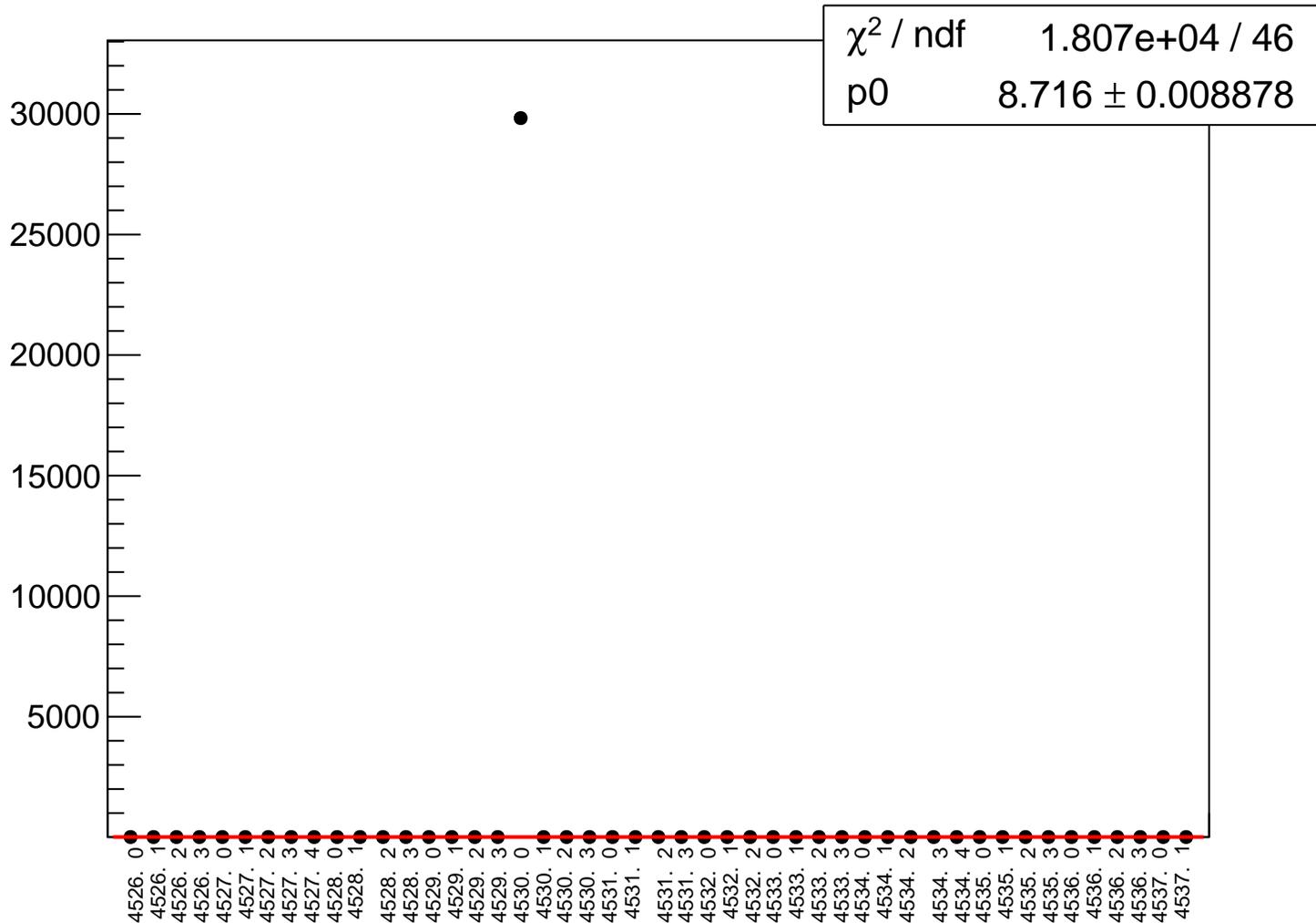
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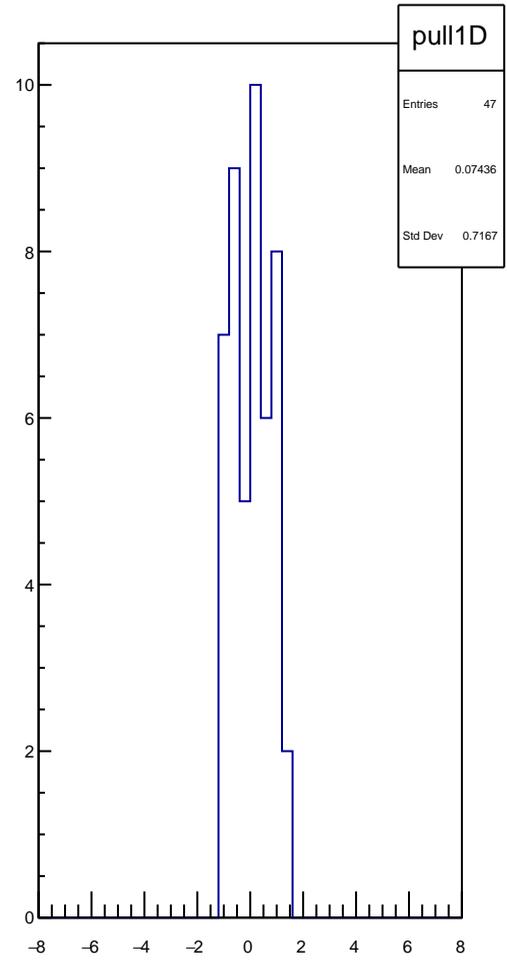
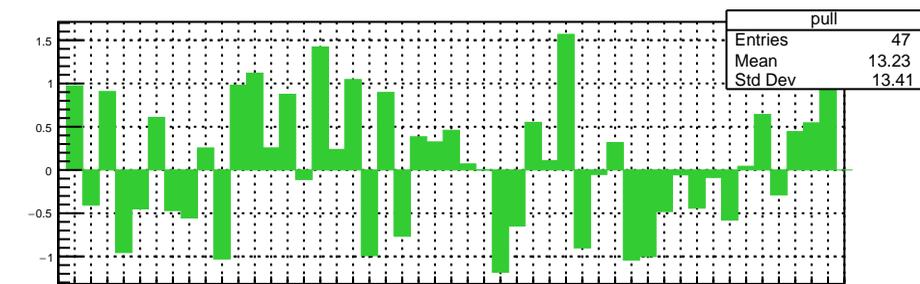
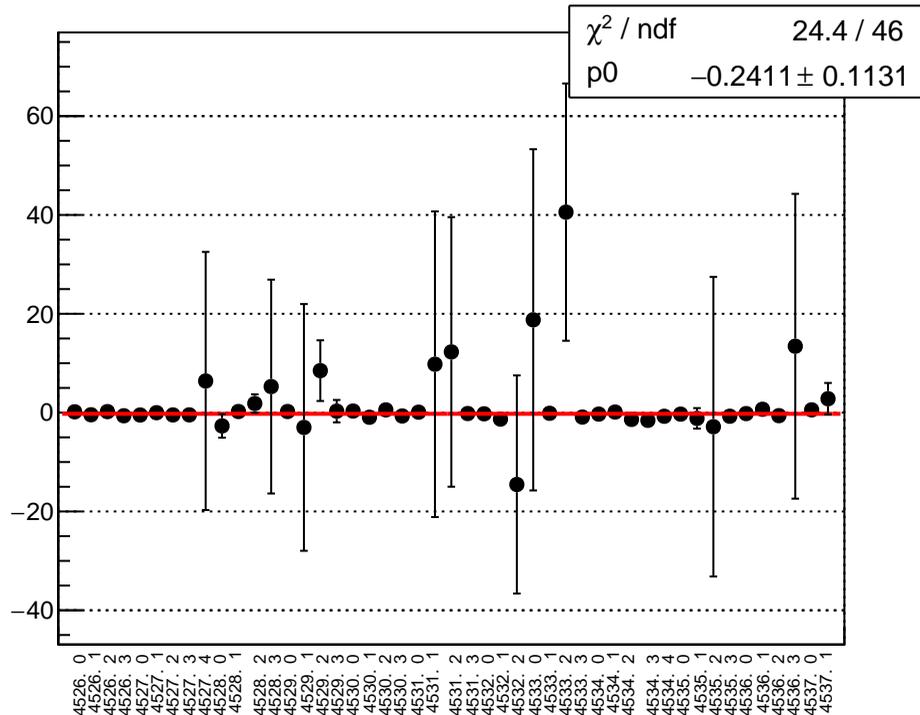
# diff\_cav4dX\_mean vs run



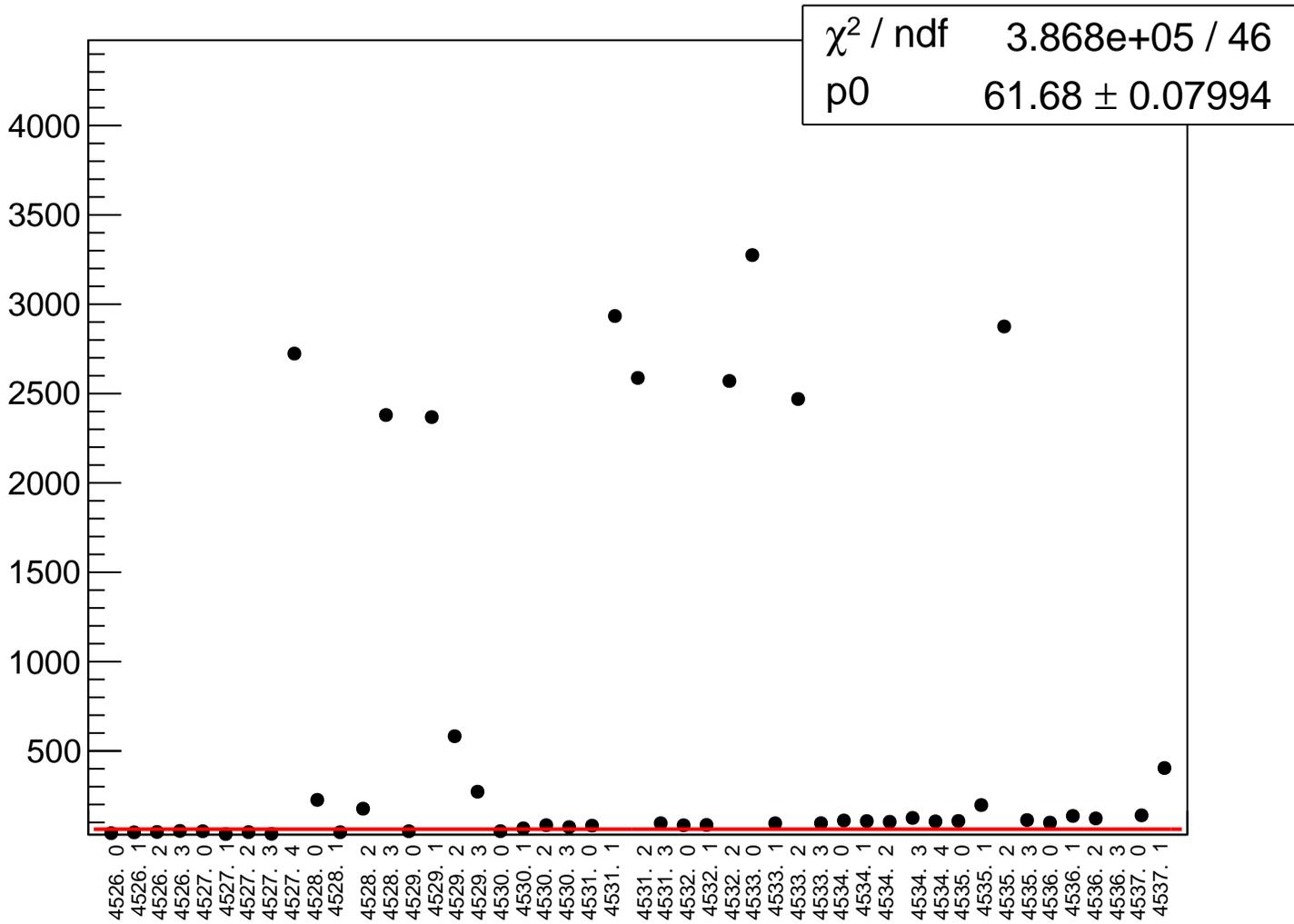
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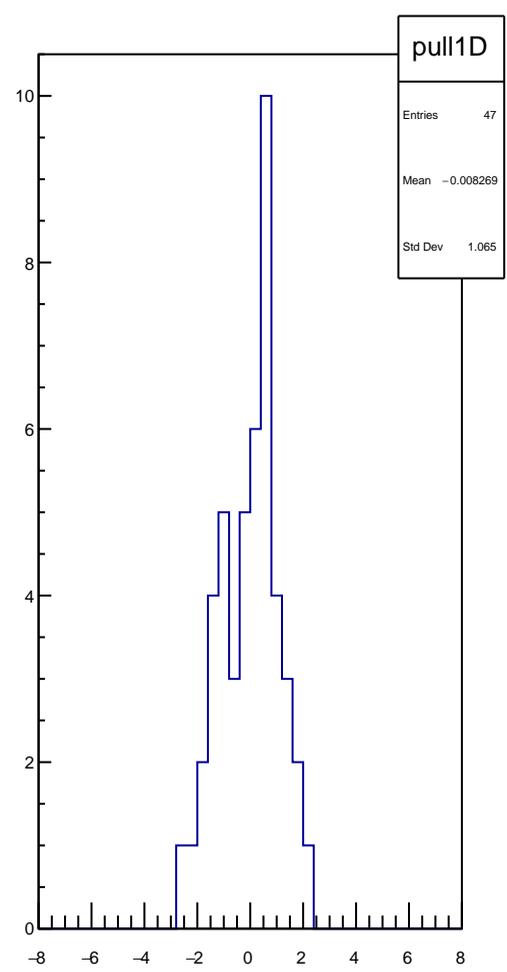
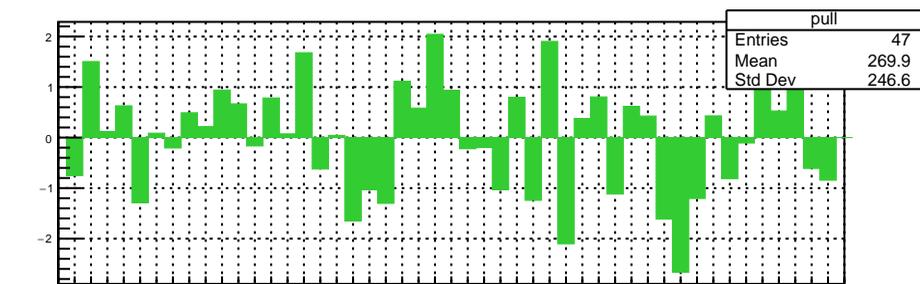
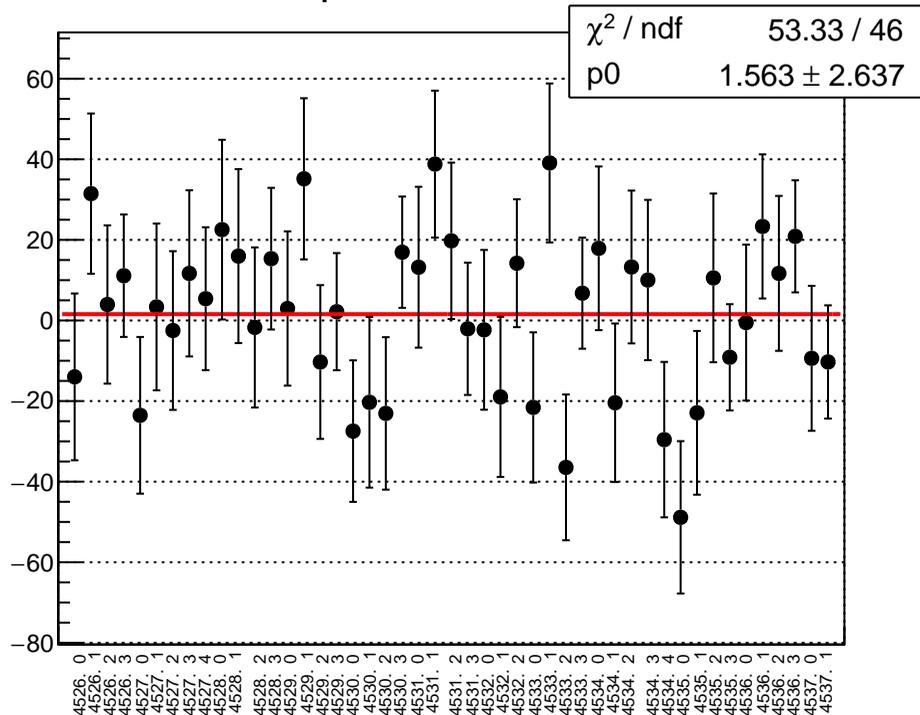
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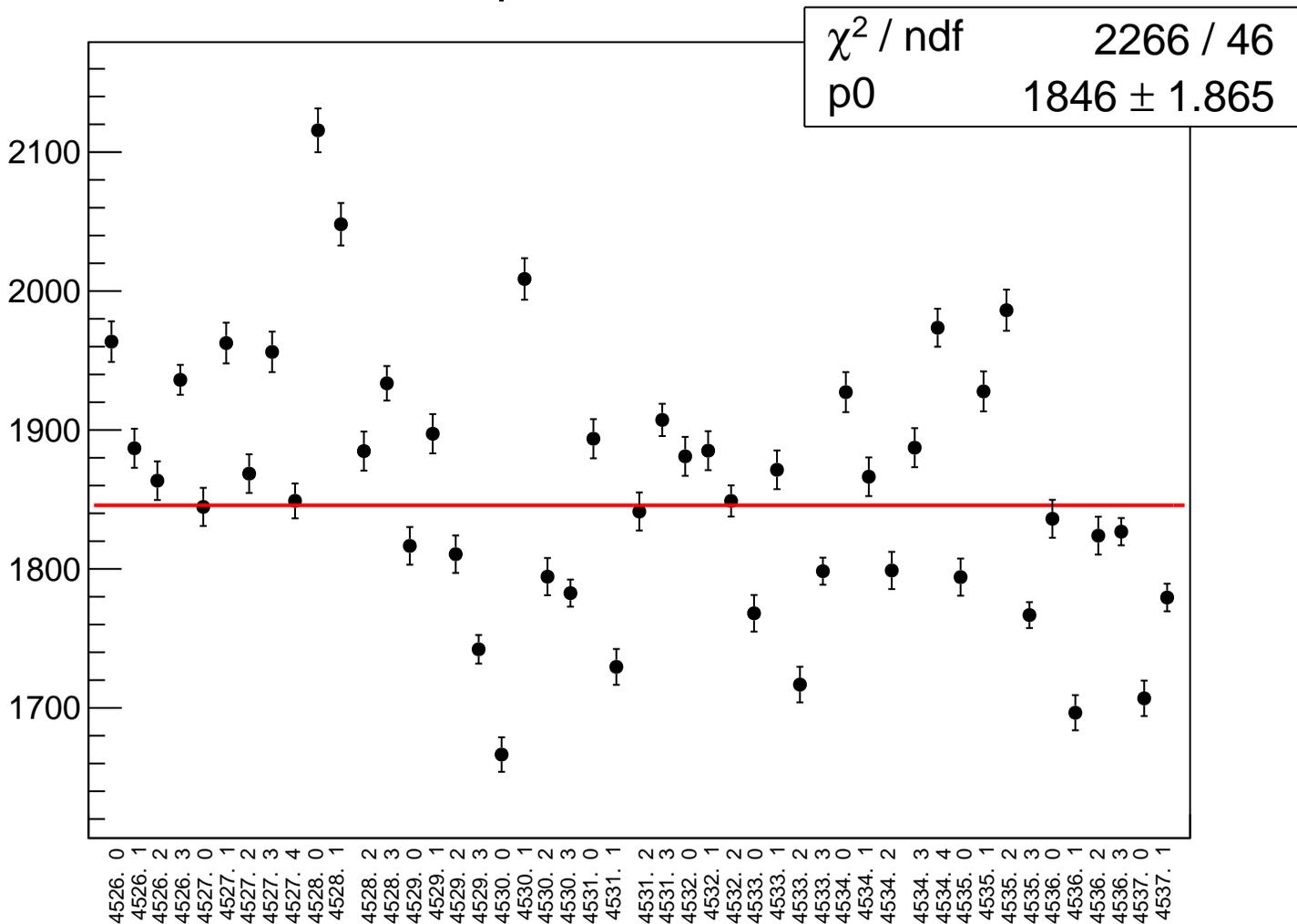
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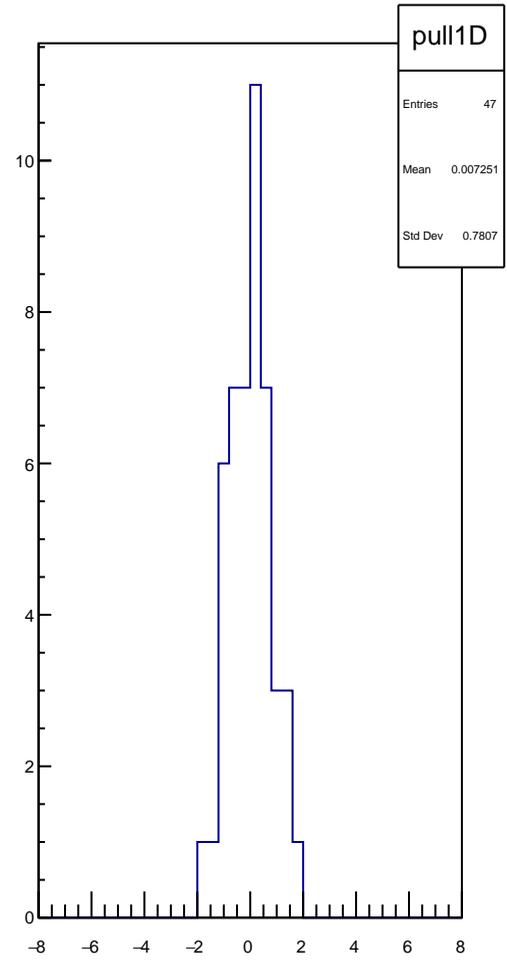
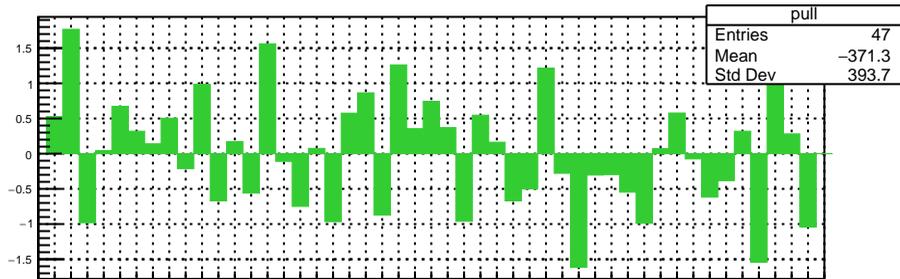
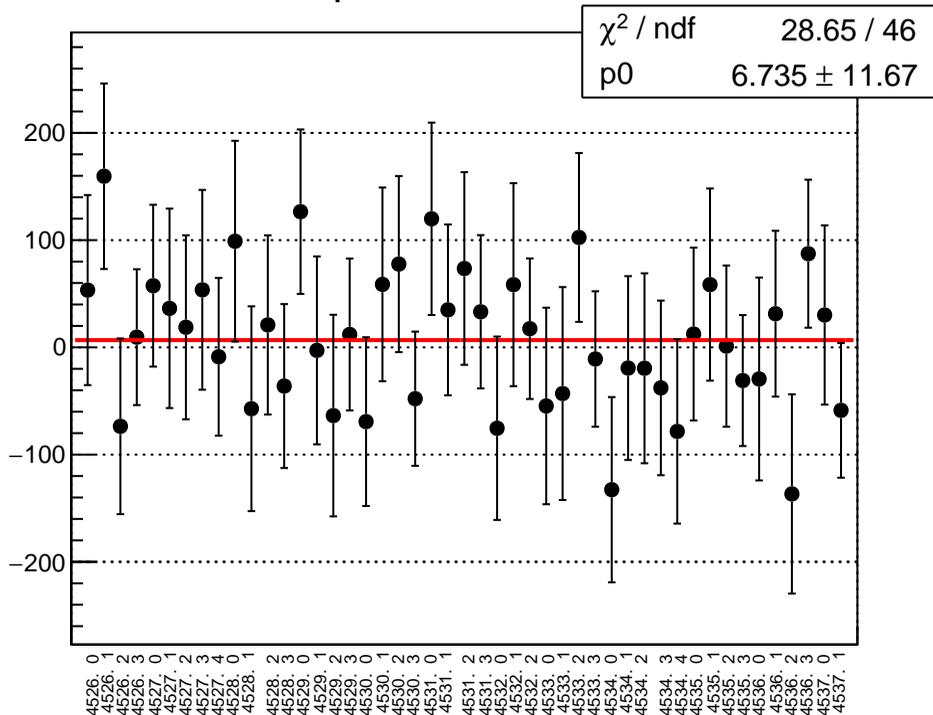
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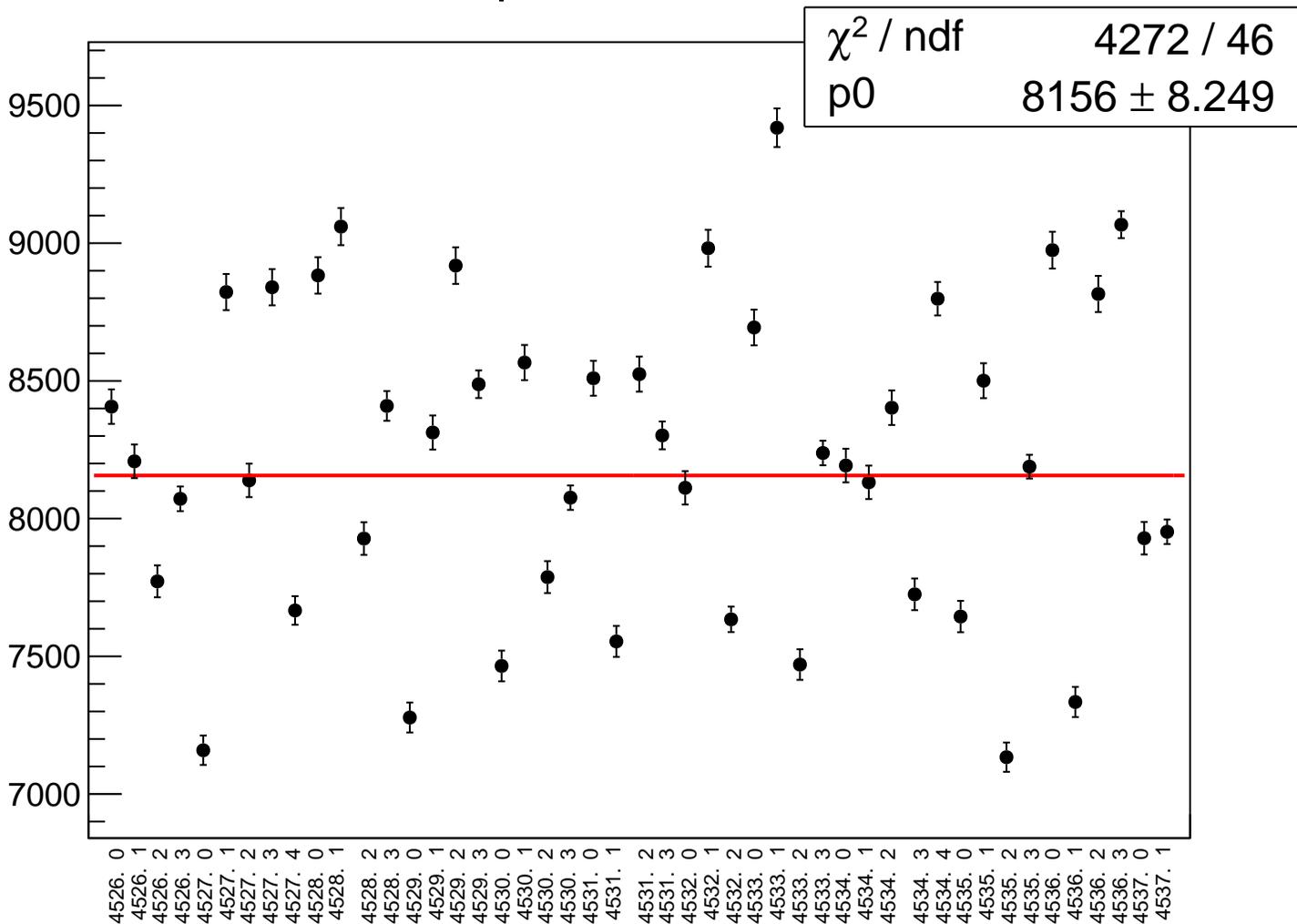
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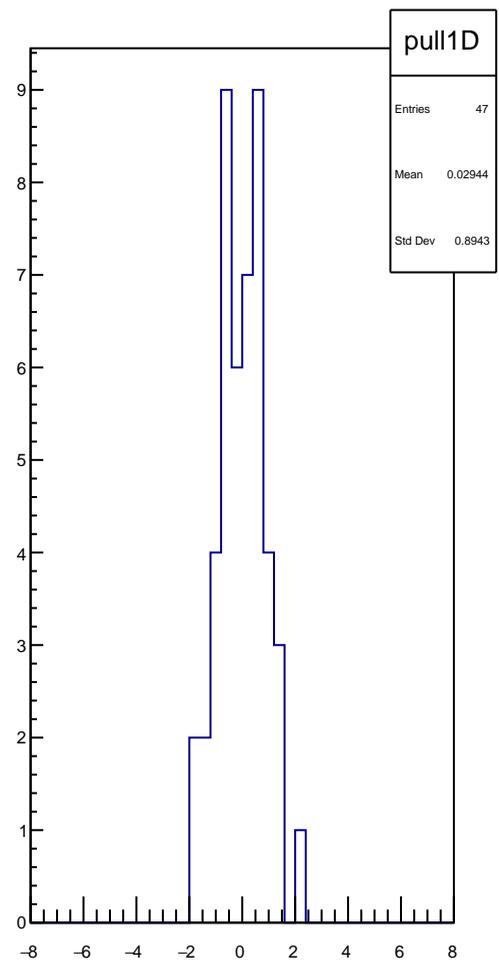
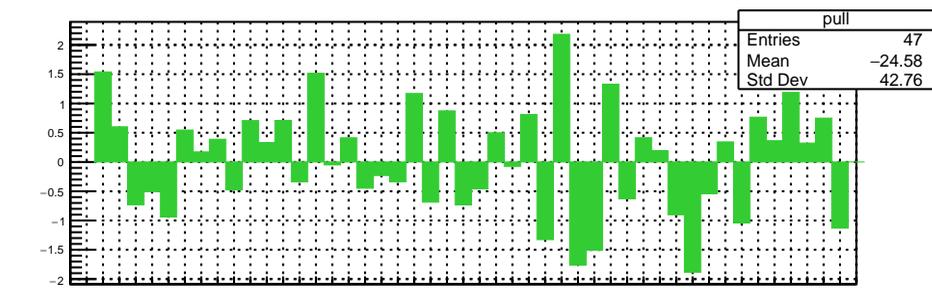
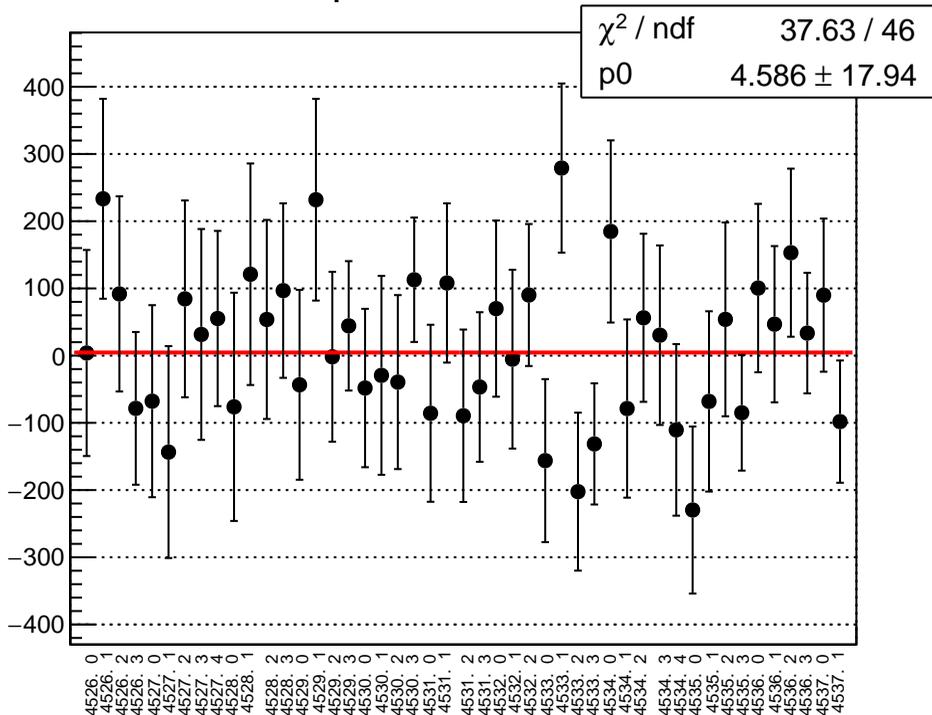
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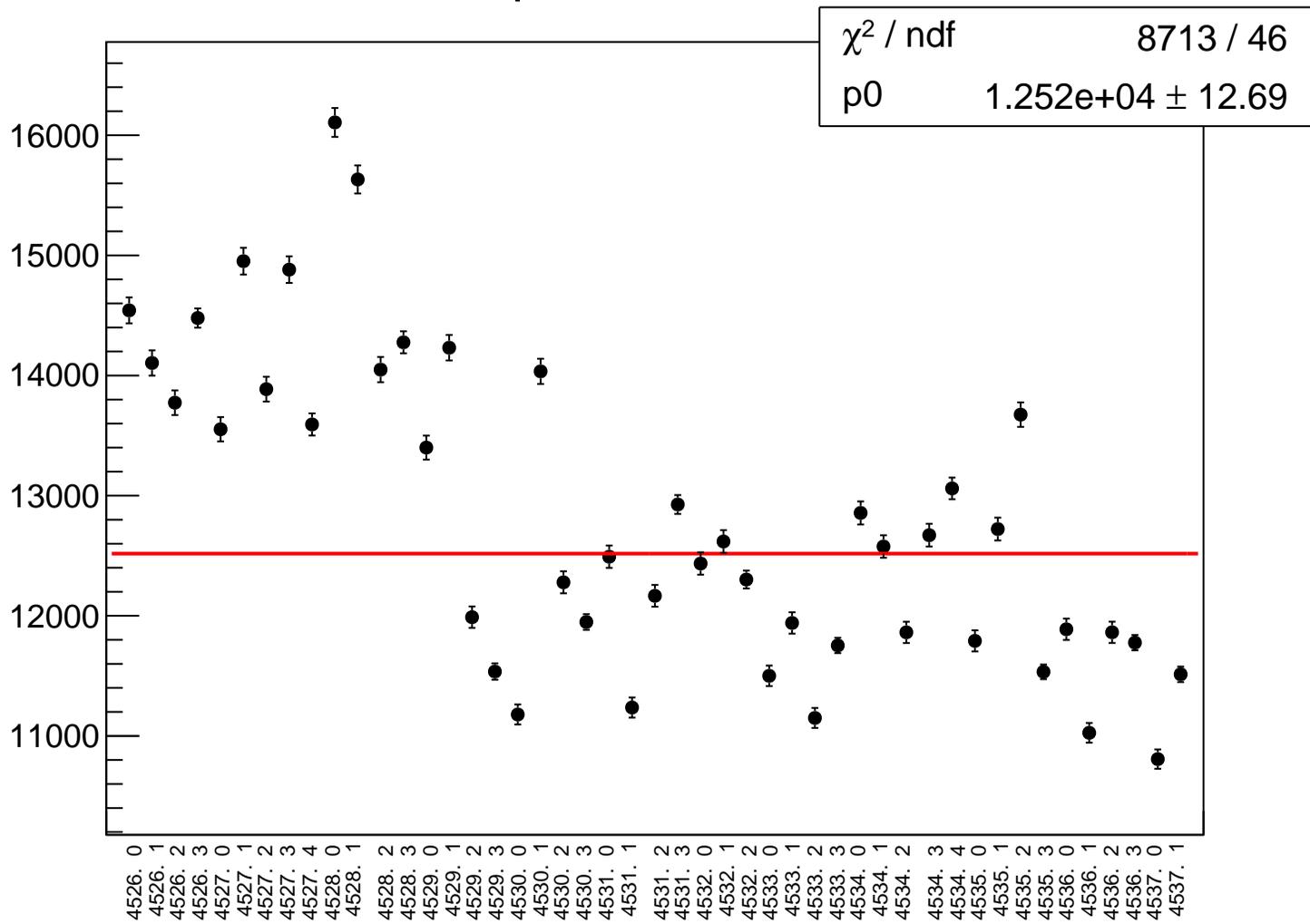
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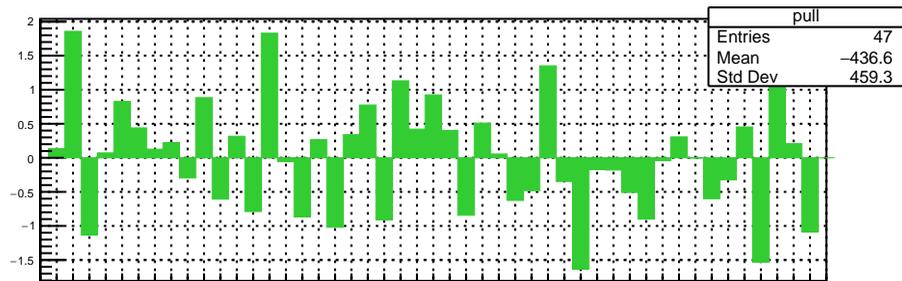
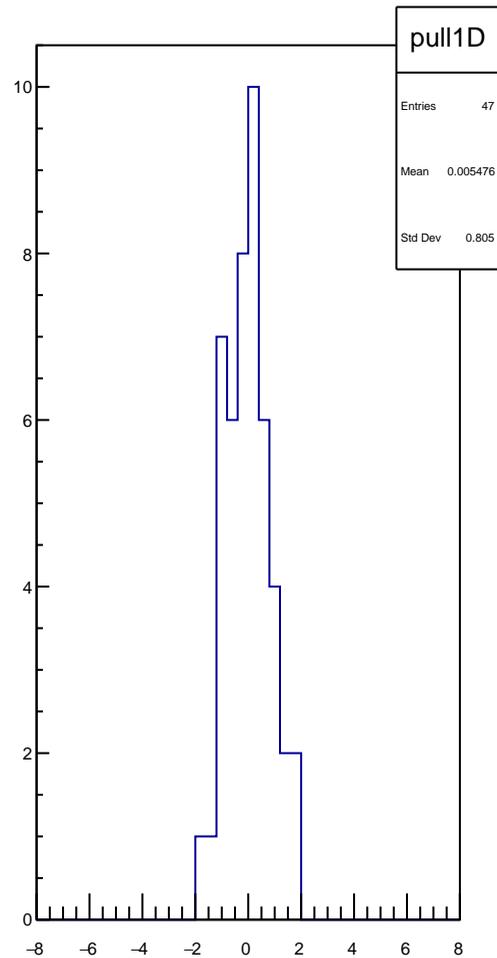
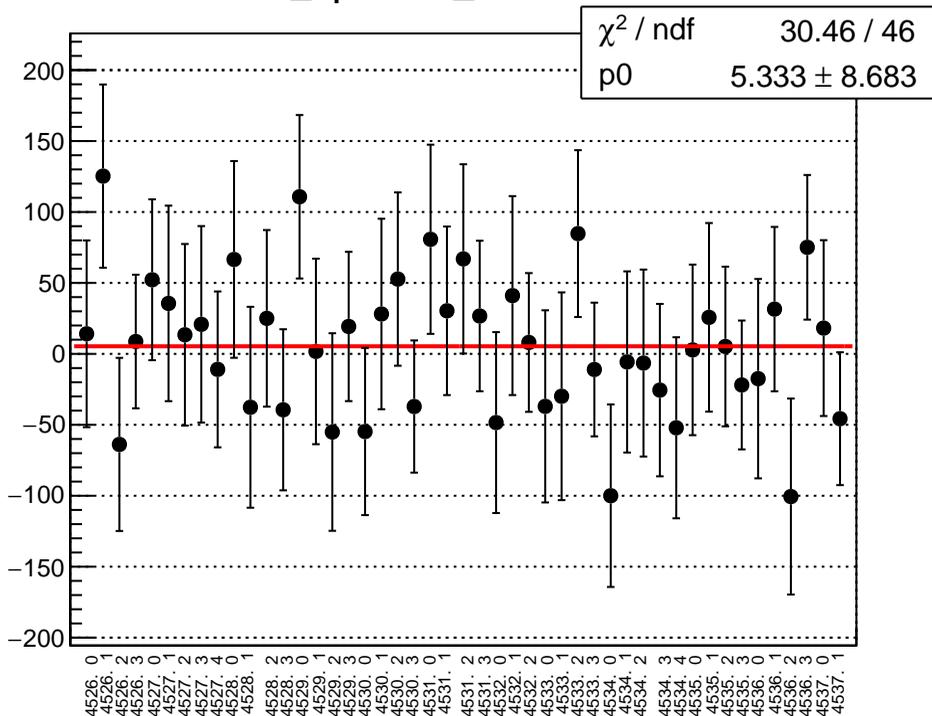
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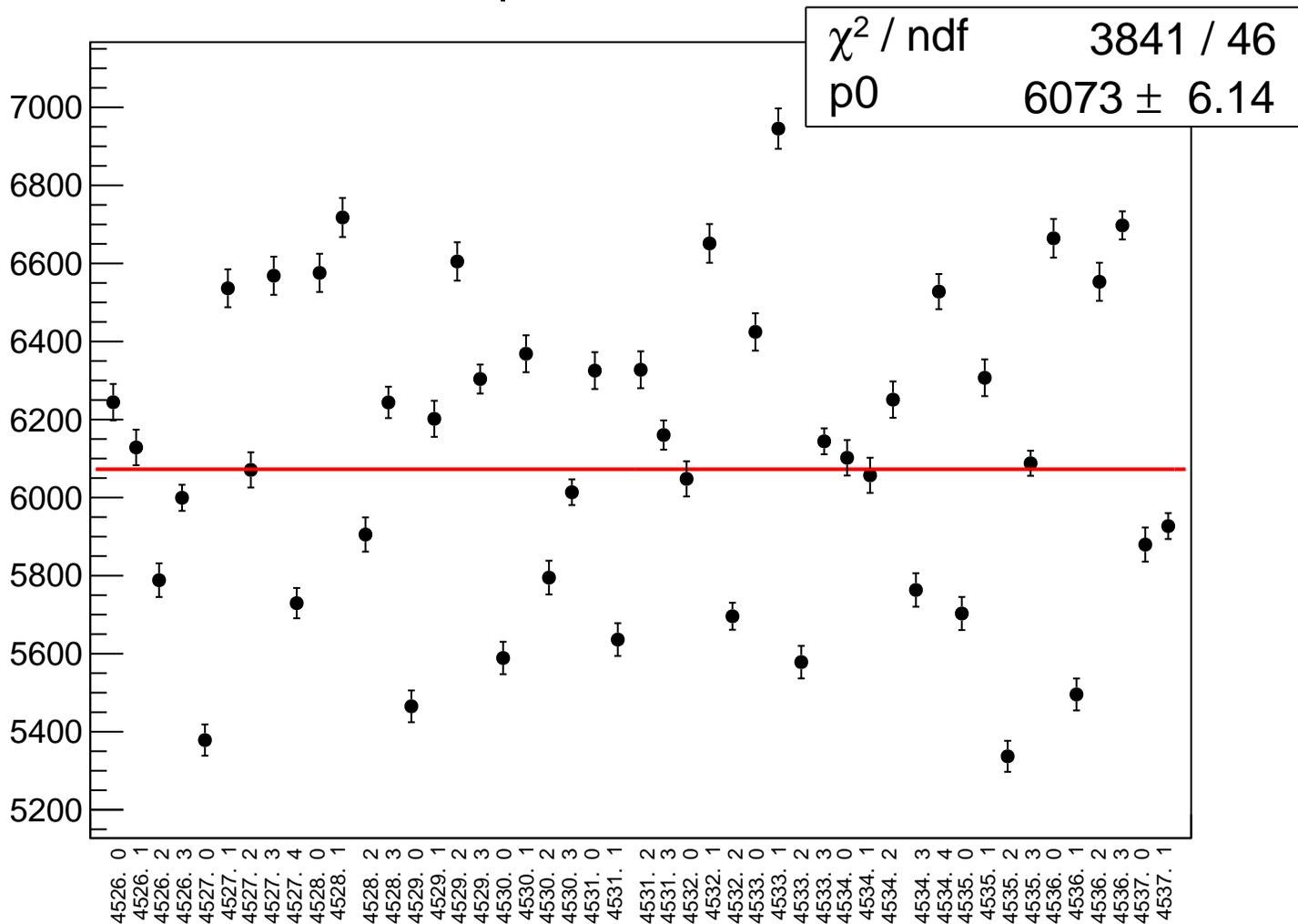
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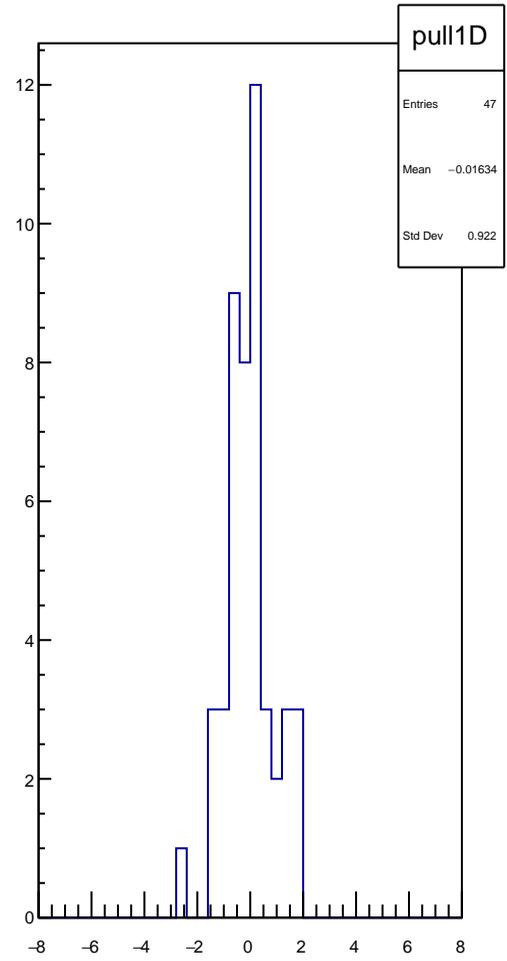
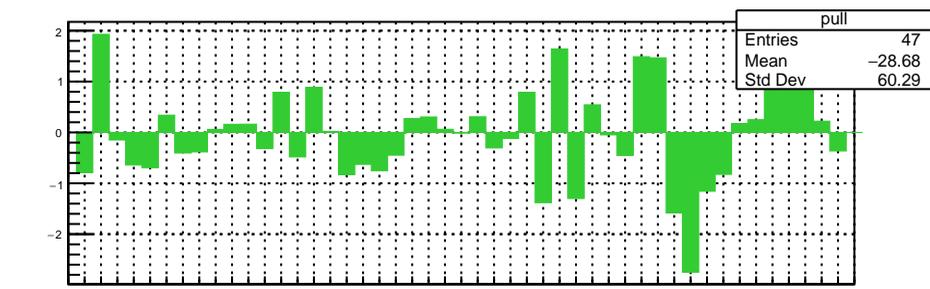
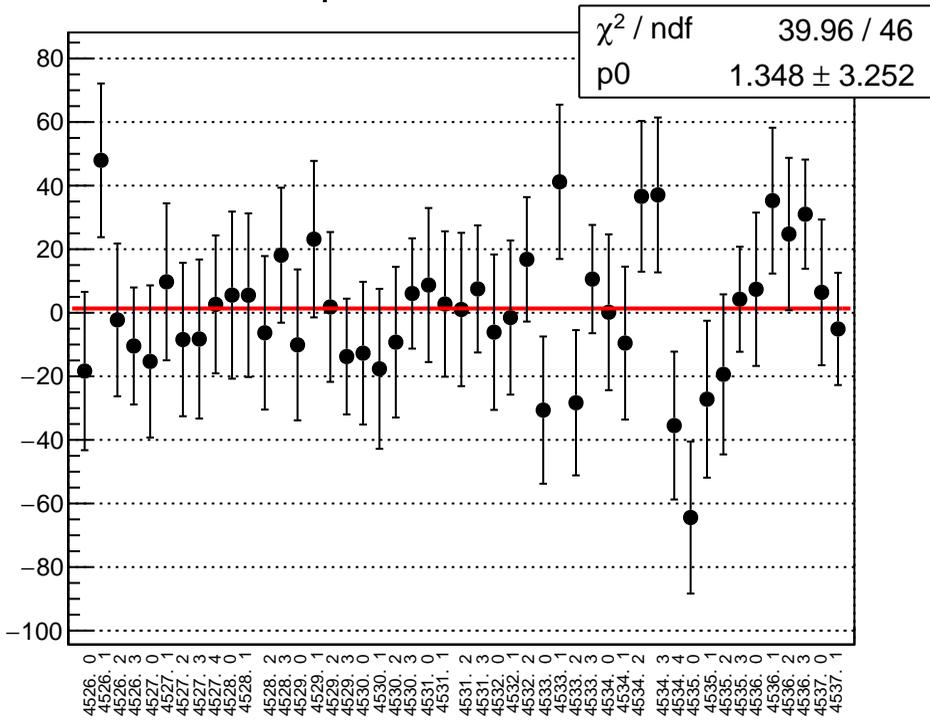
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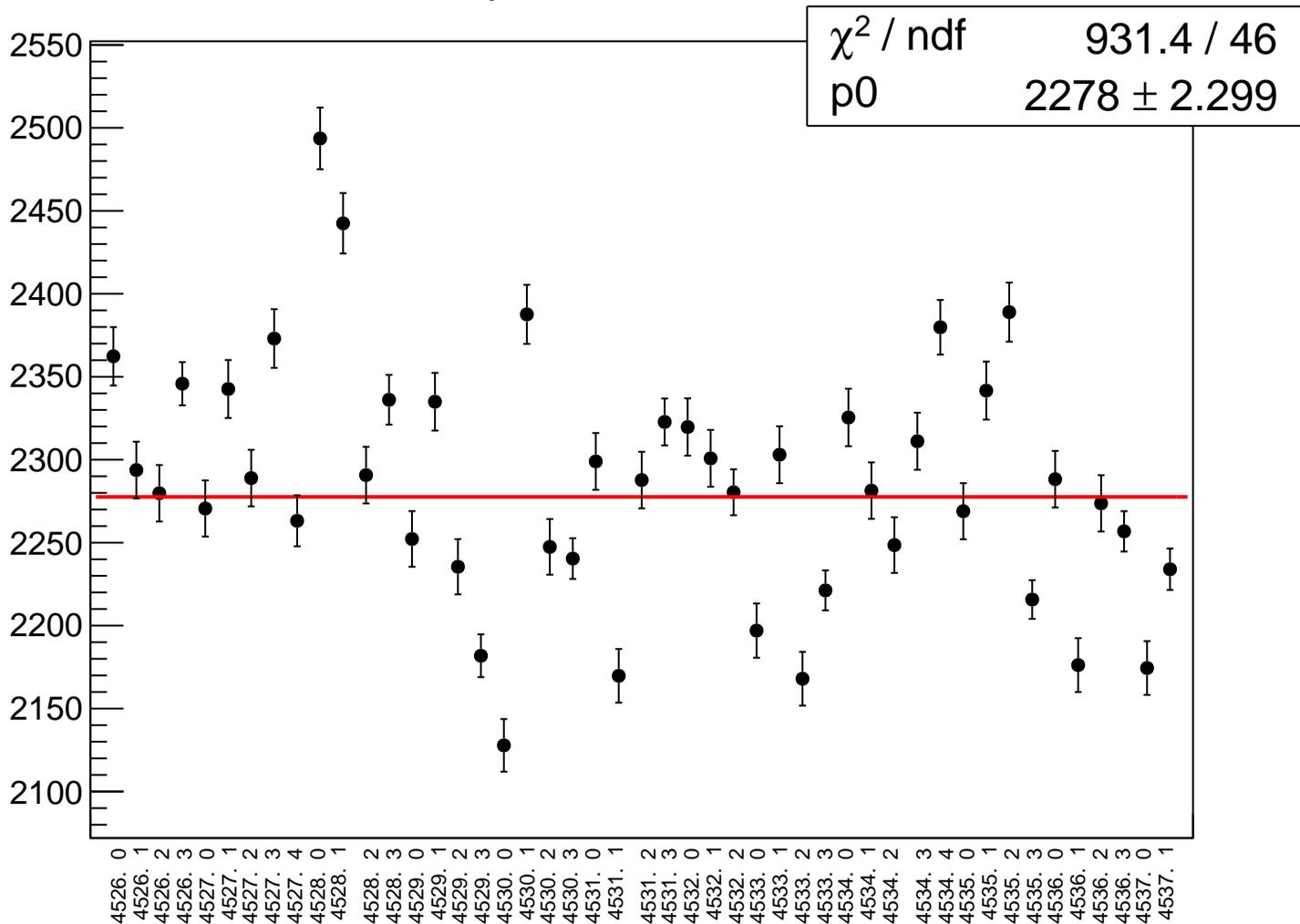
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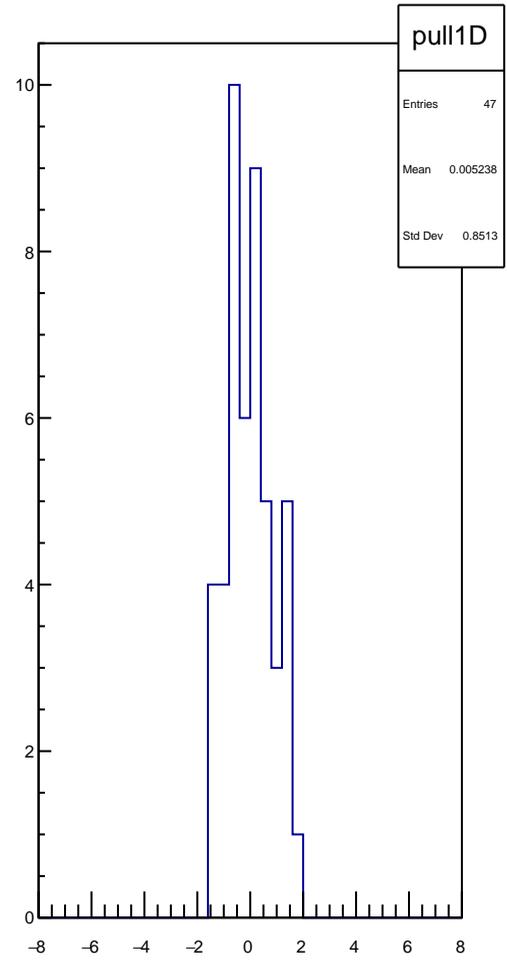
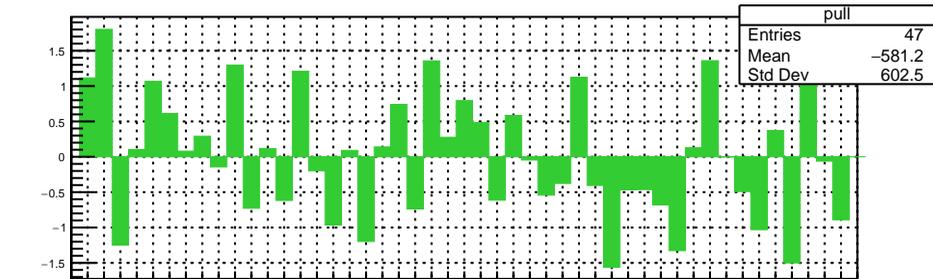
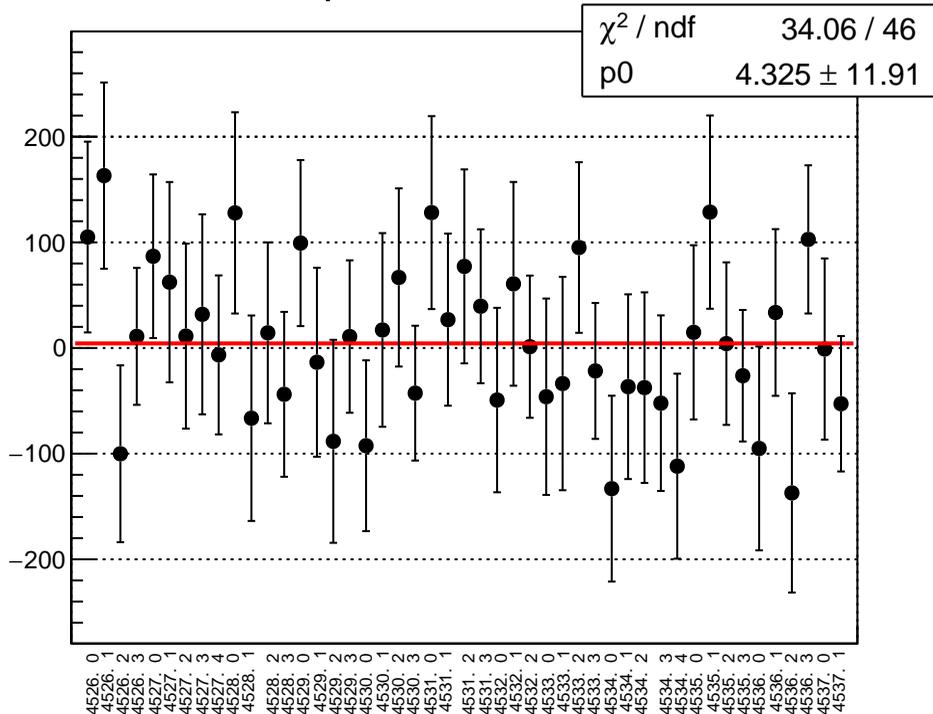
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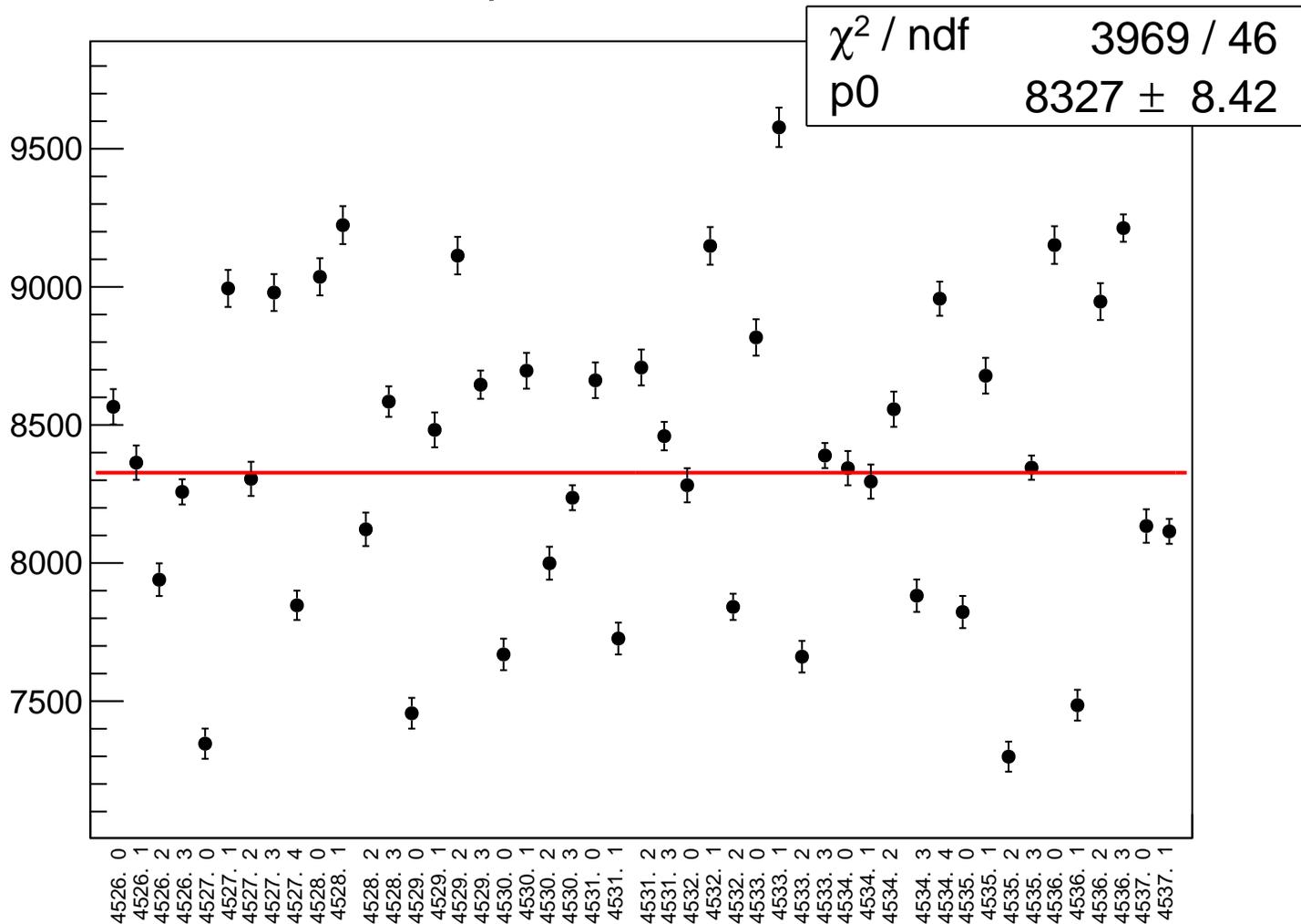
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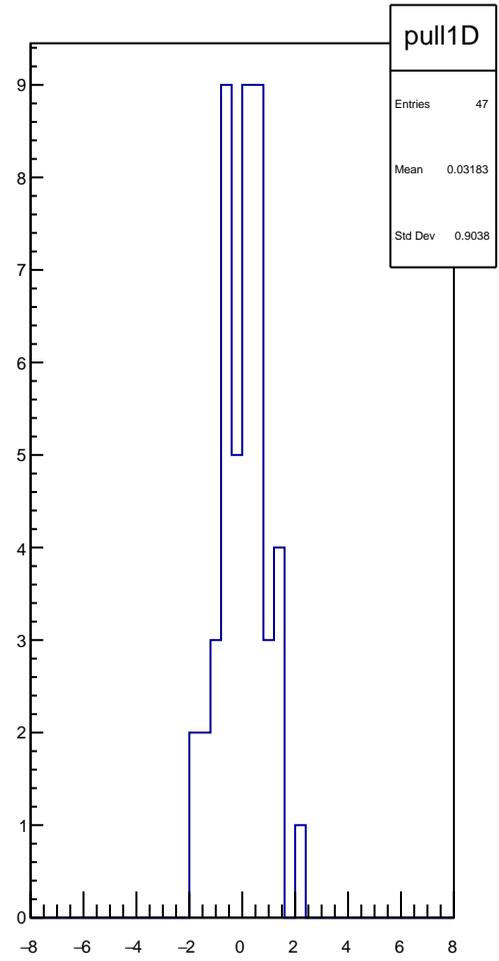
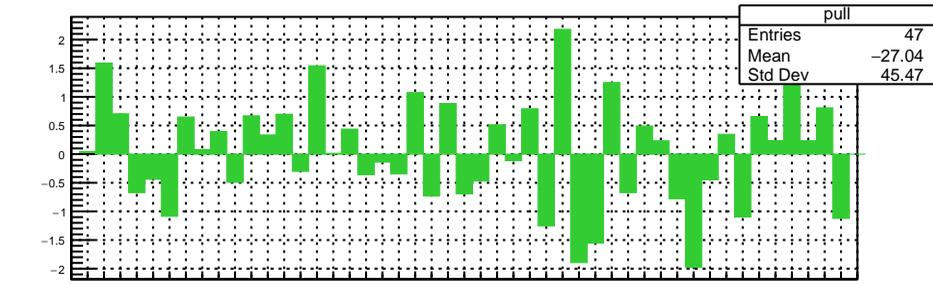
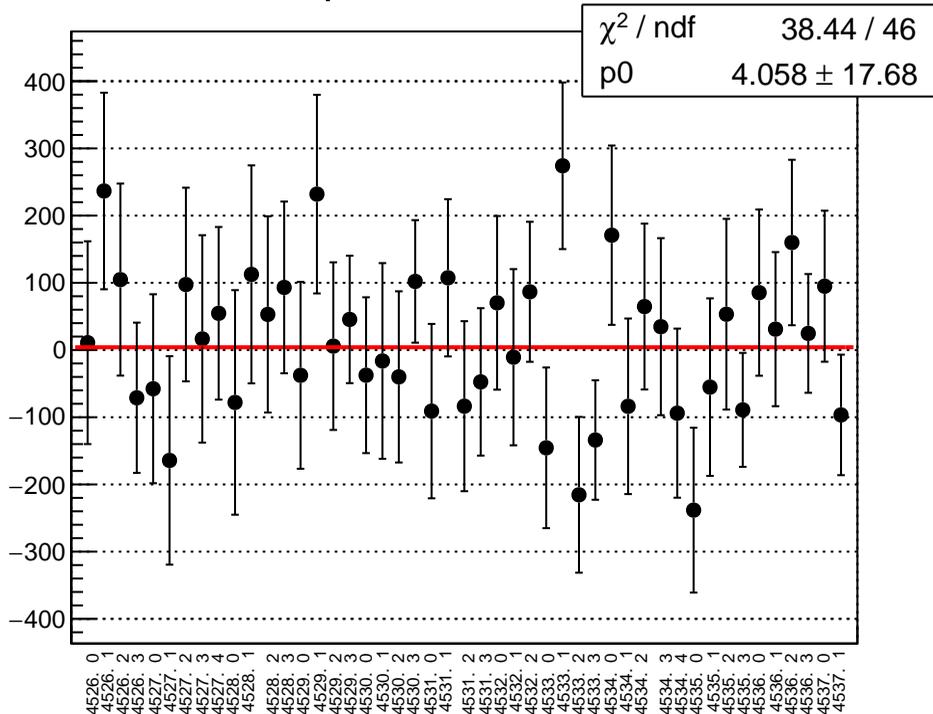
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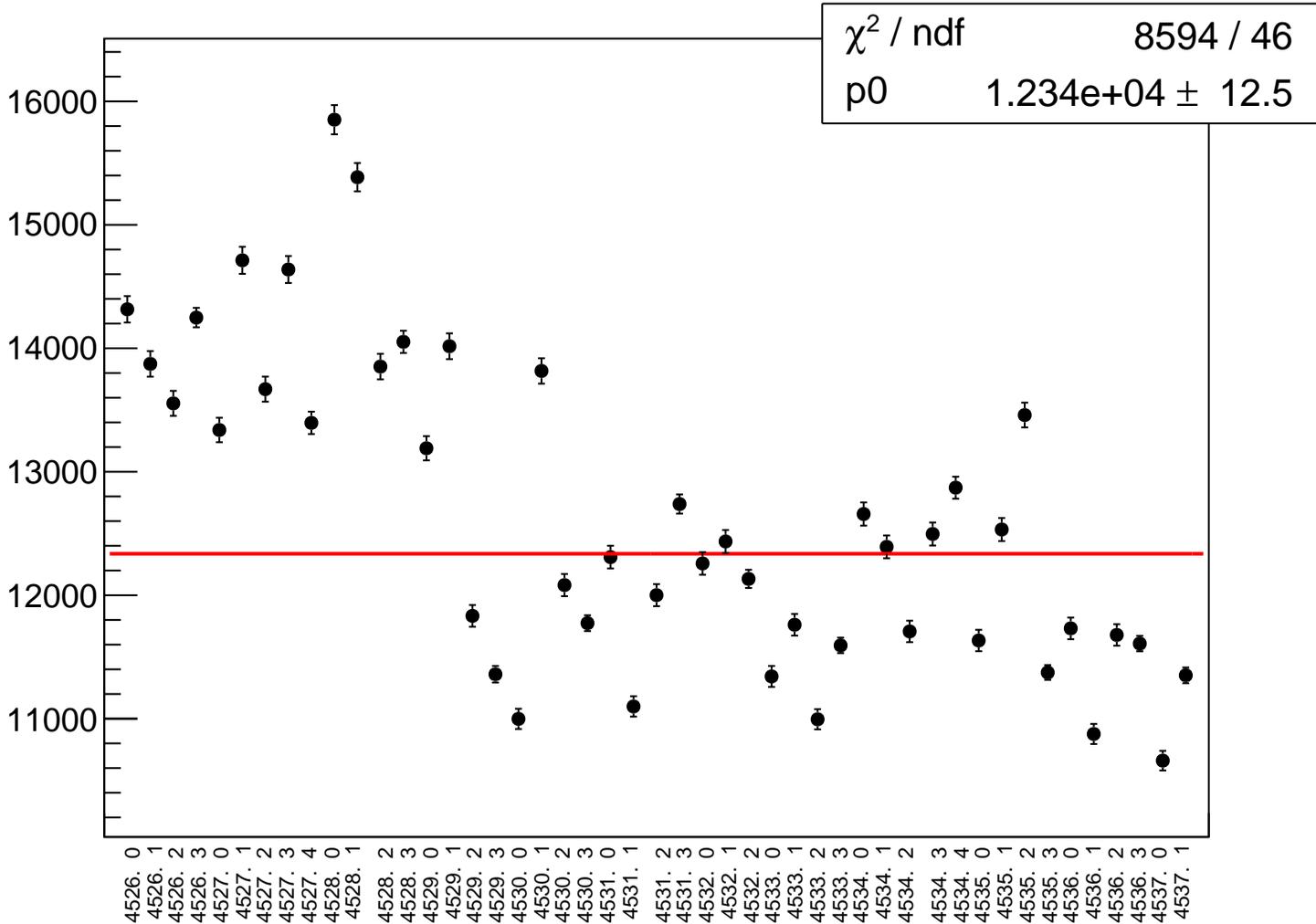
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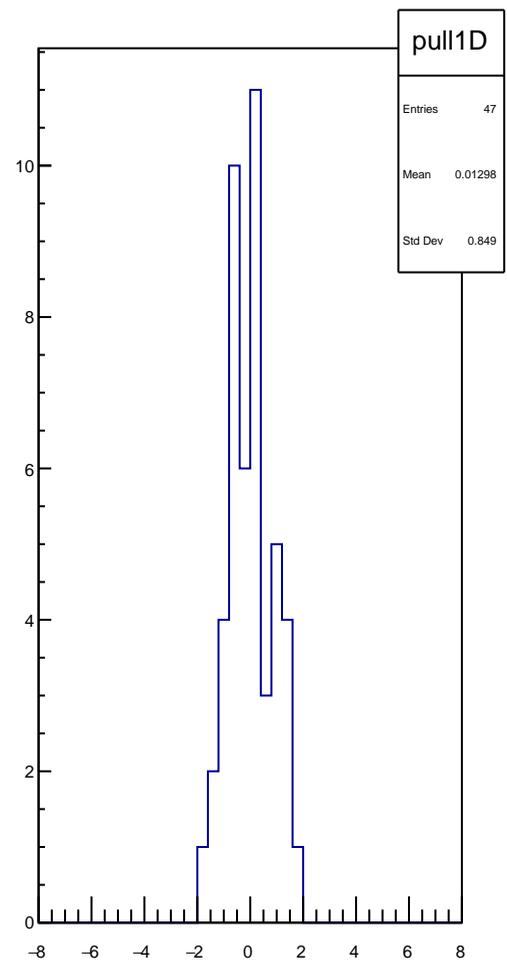
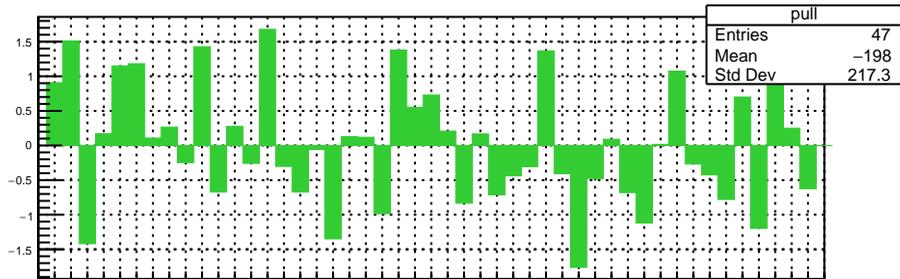
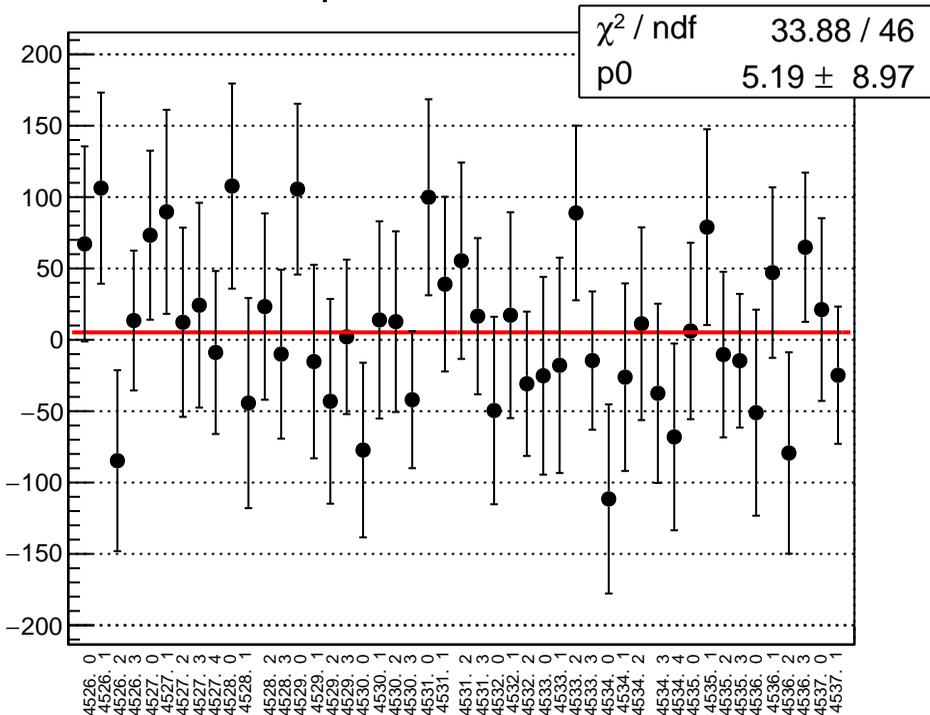
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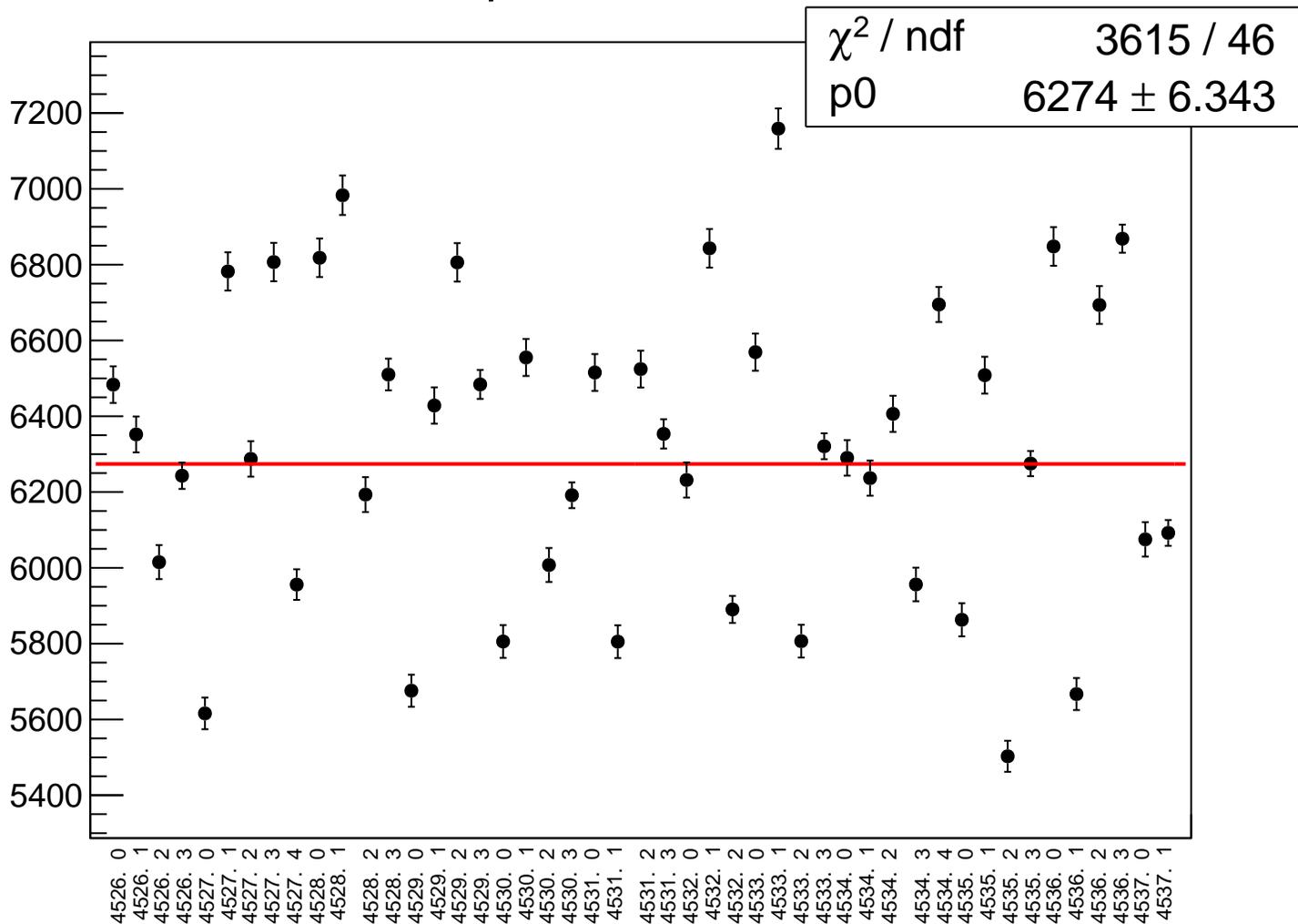
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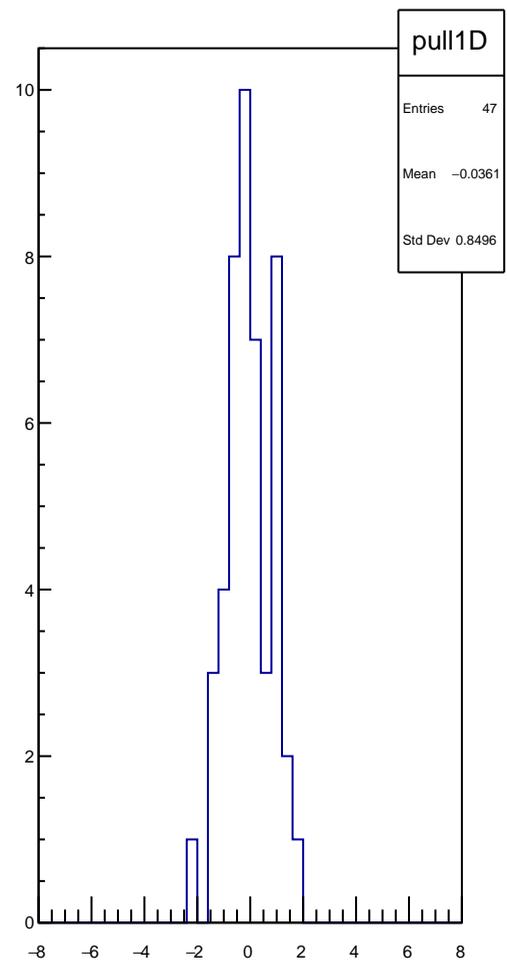
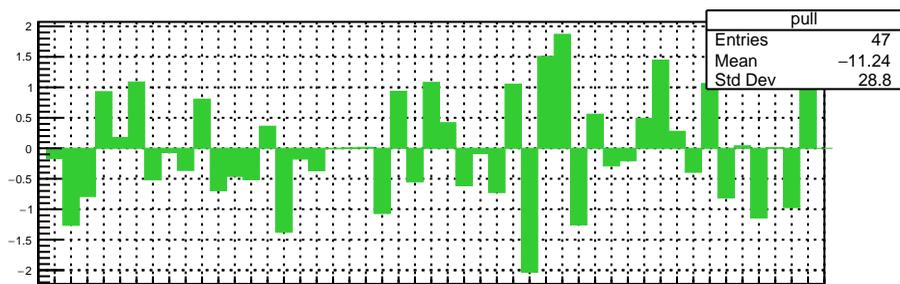
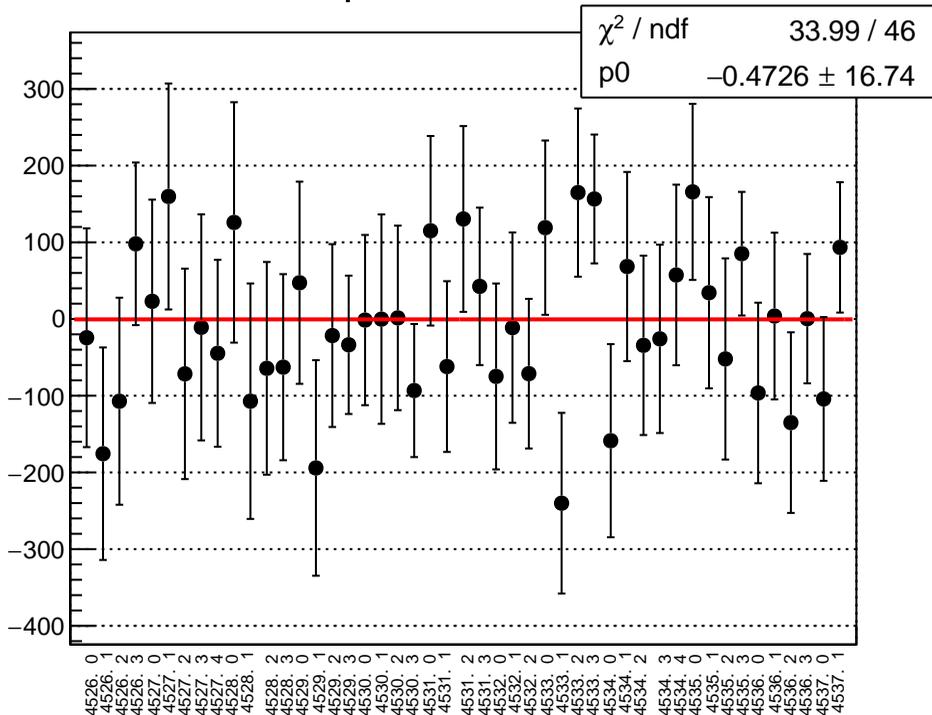
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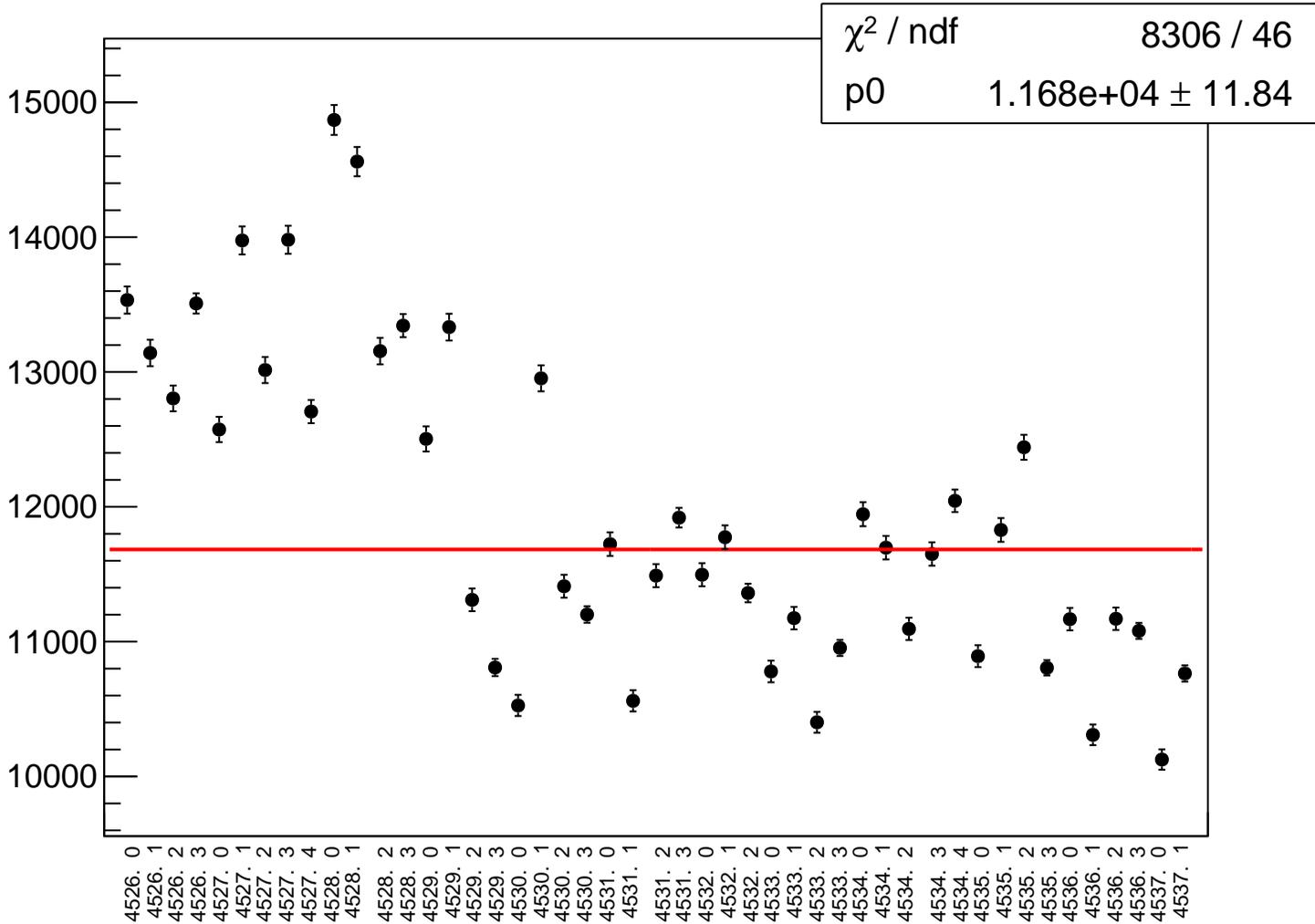
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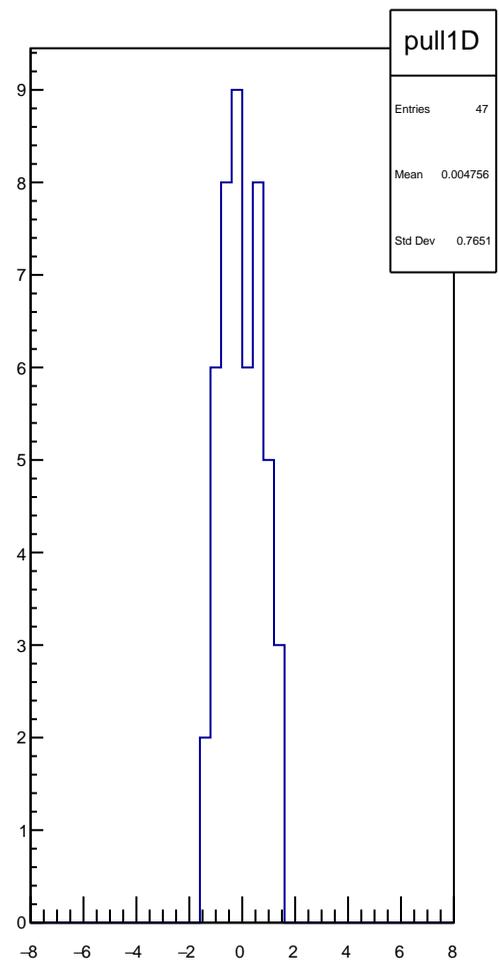
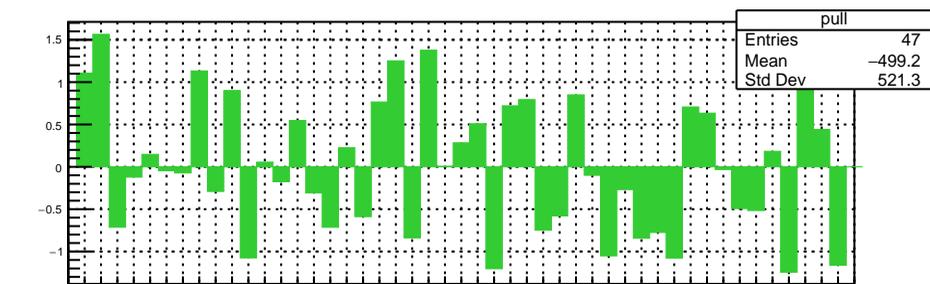
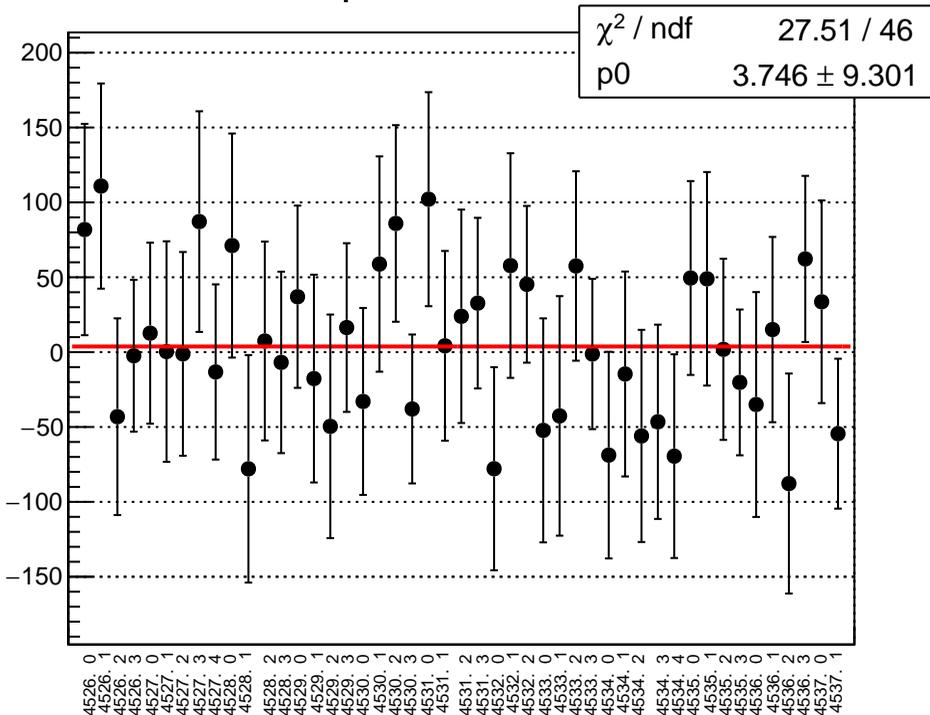
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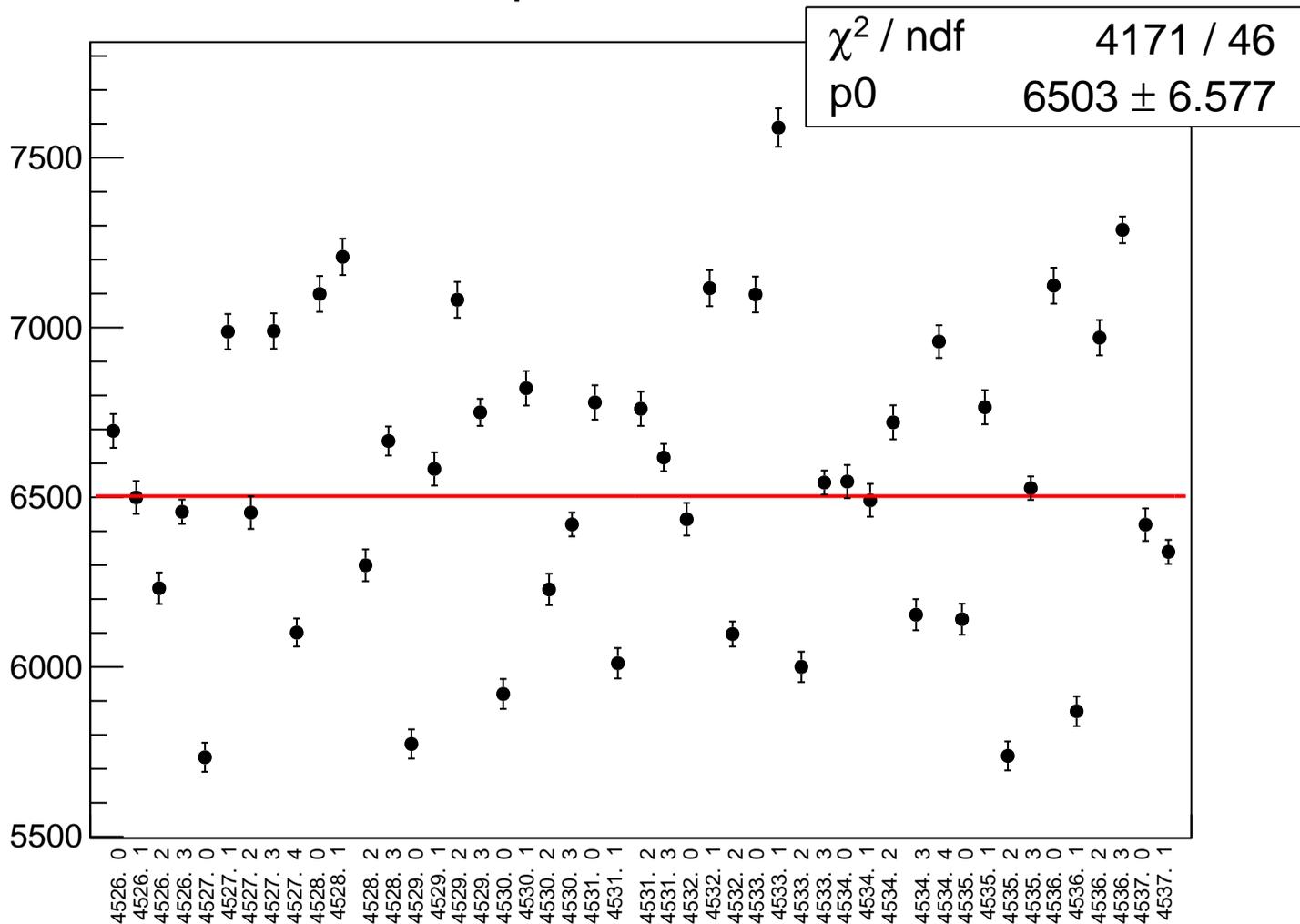
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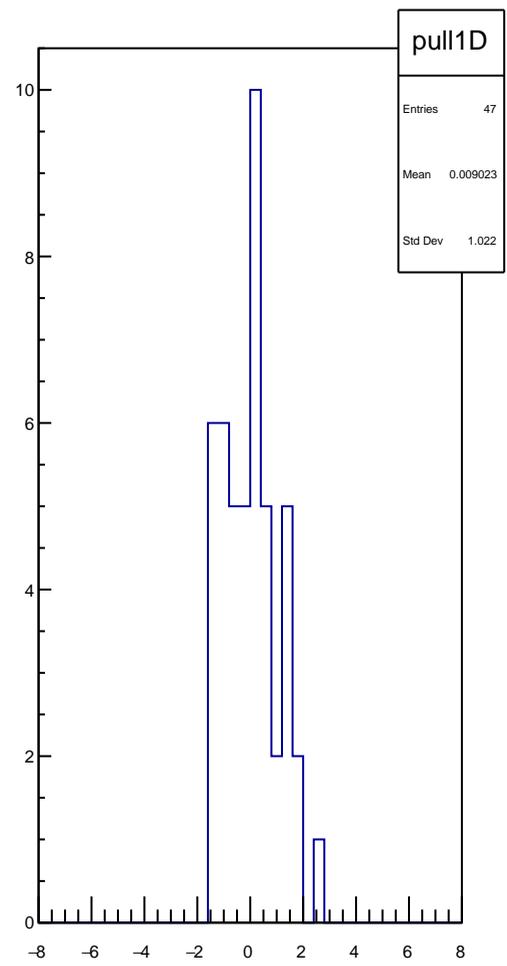
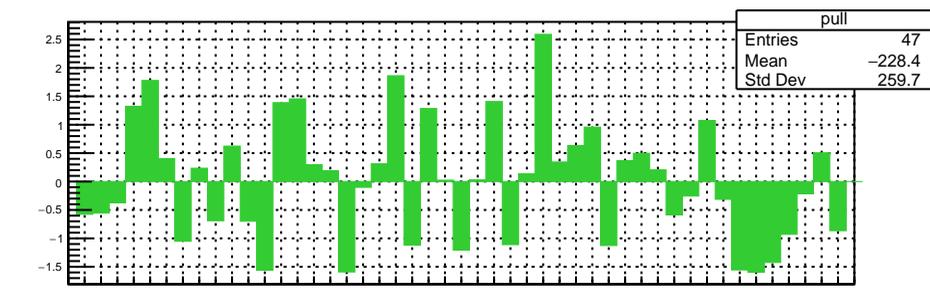
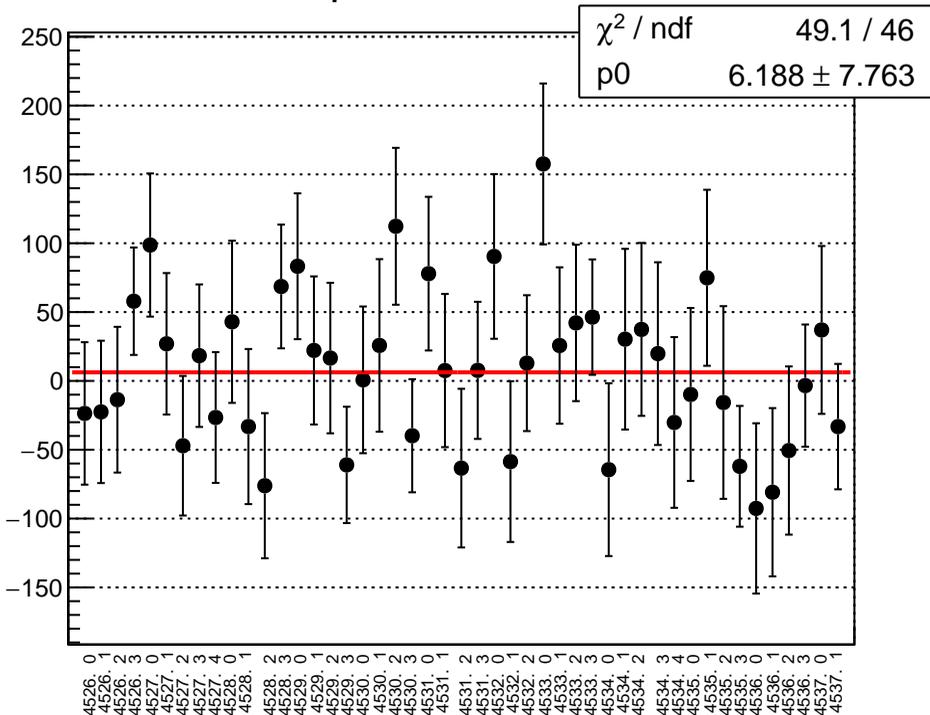
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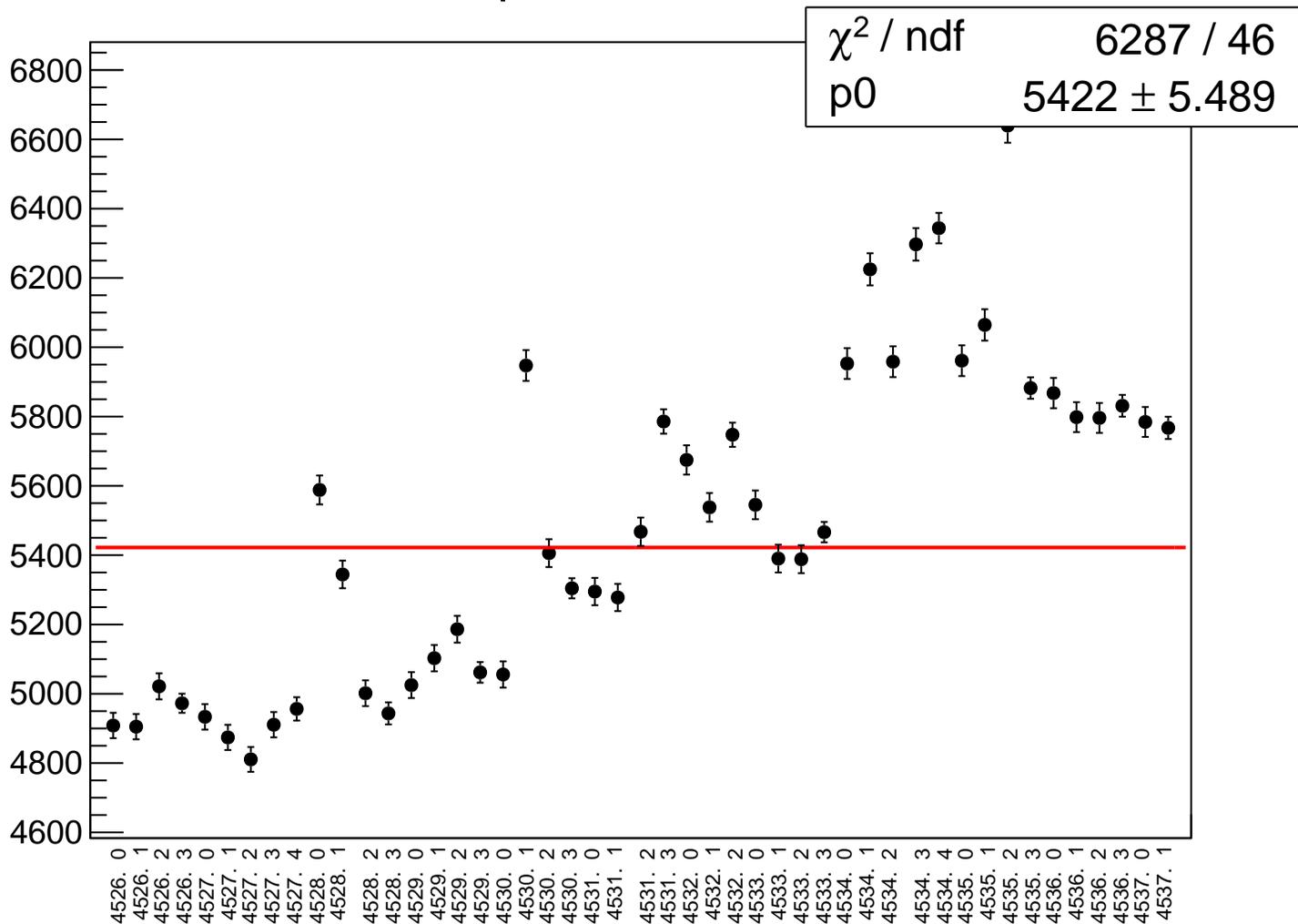
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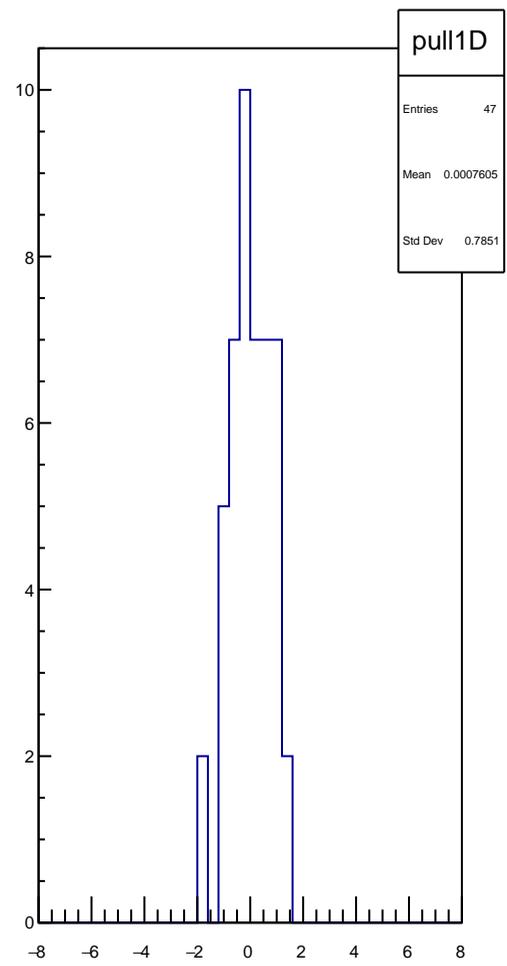
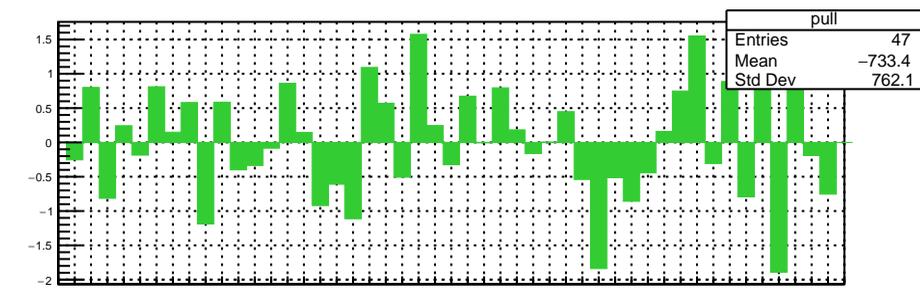
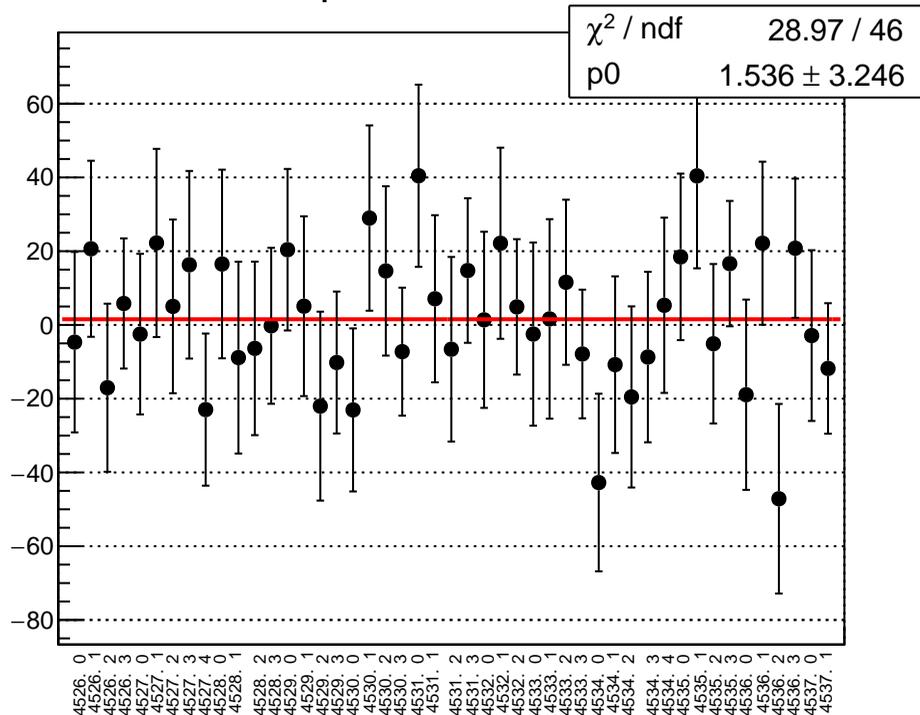
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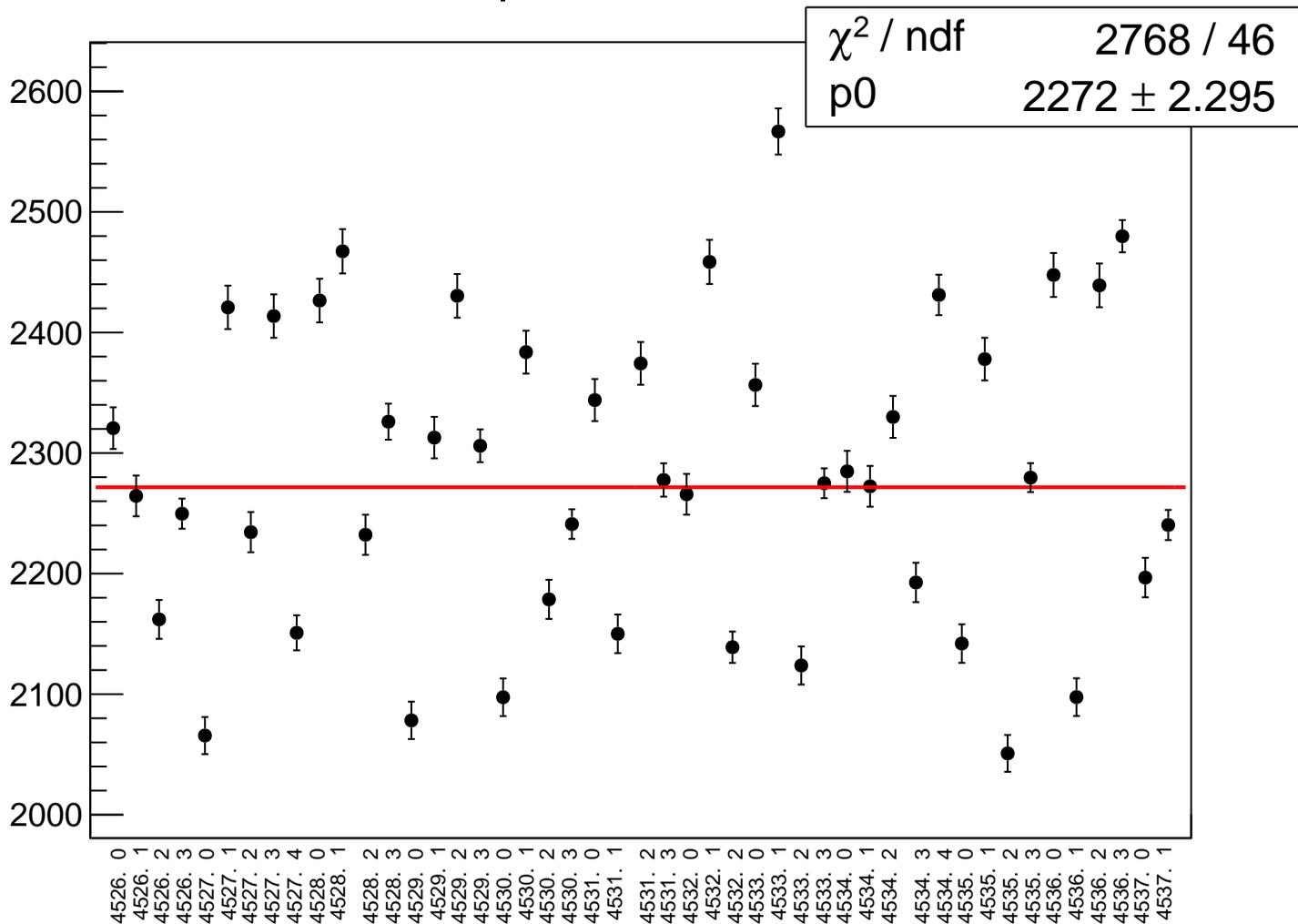
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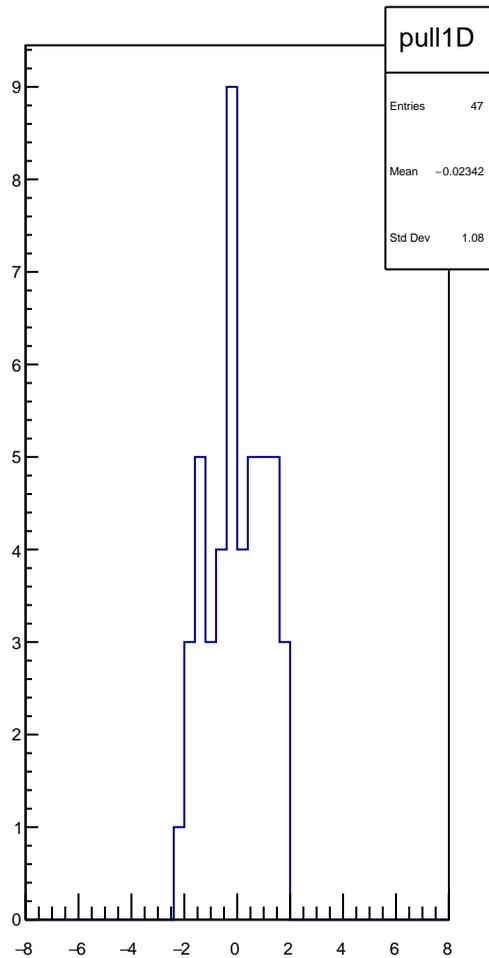
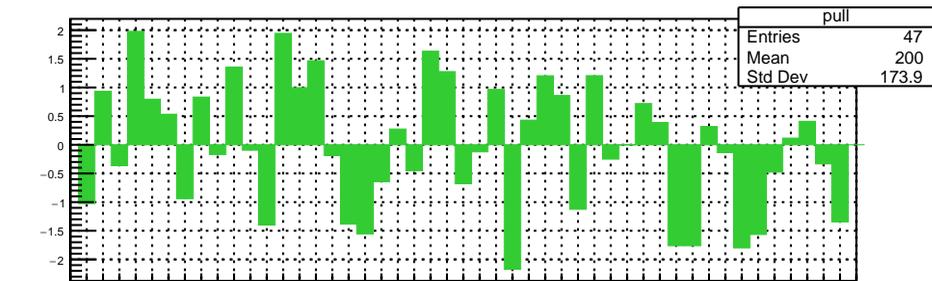
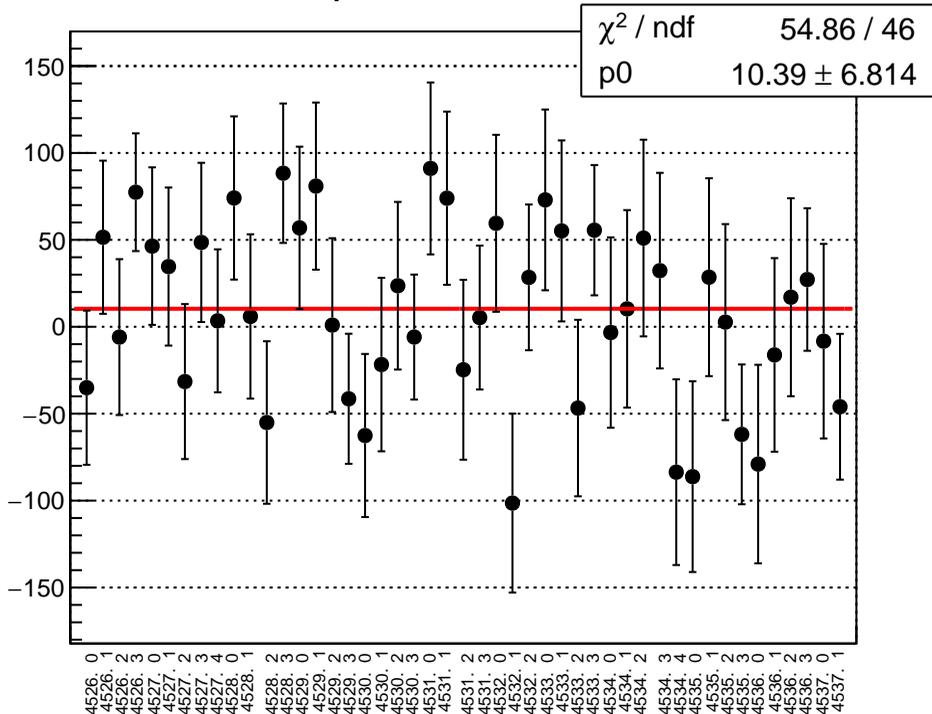
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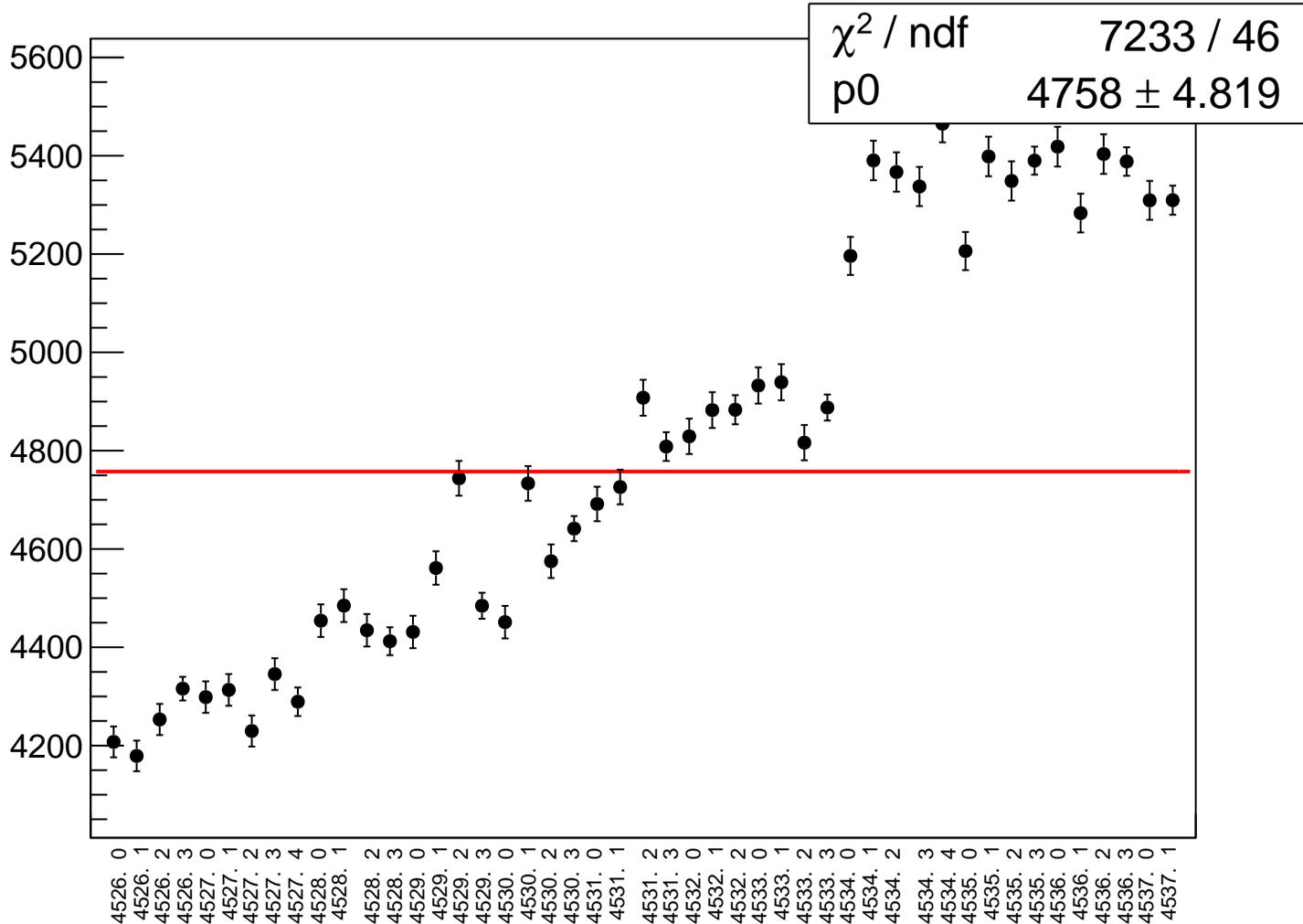
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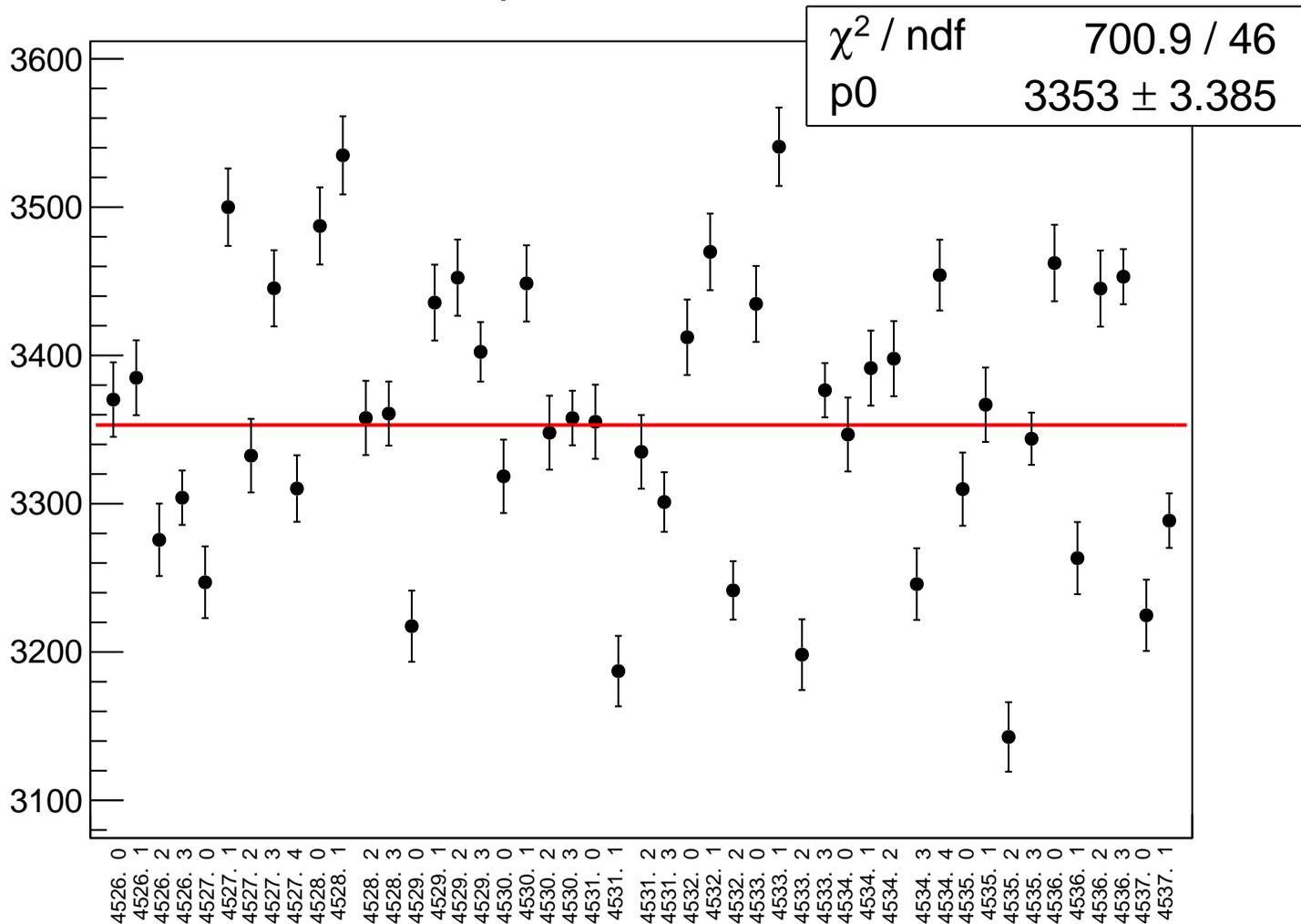


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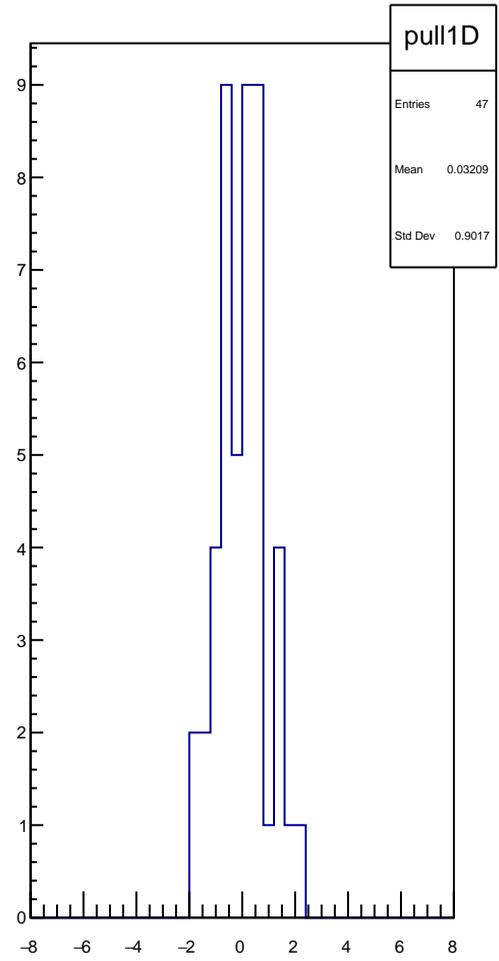
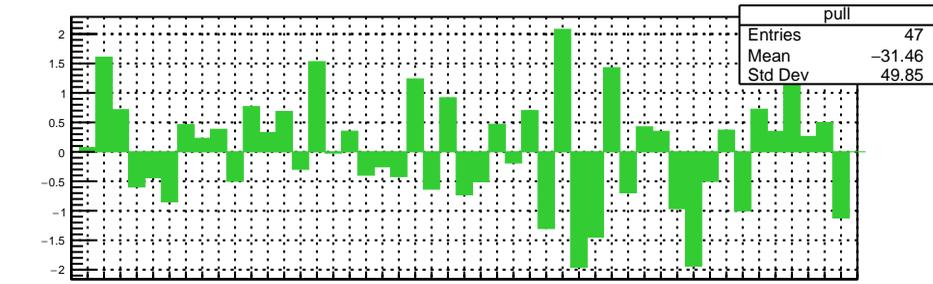
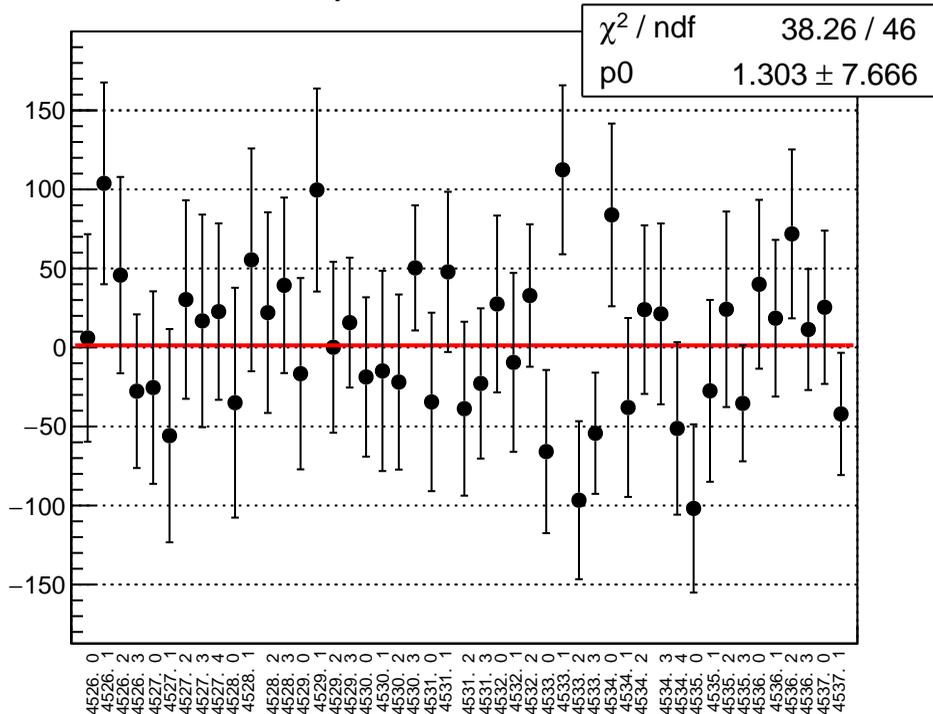




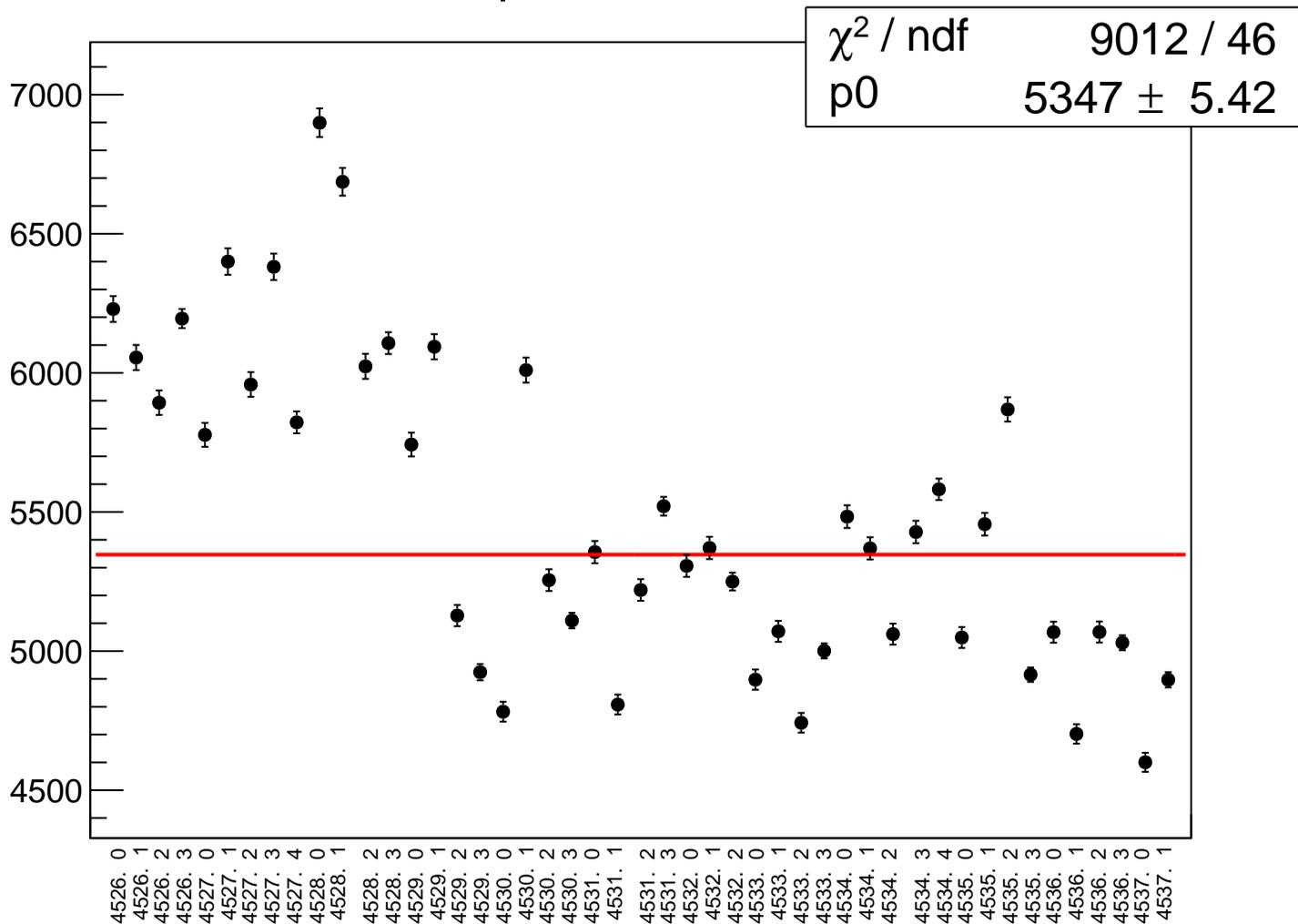
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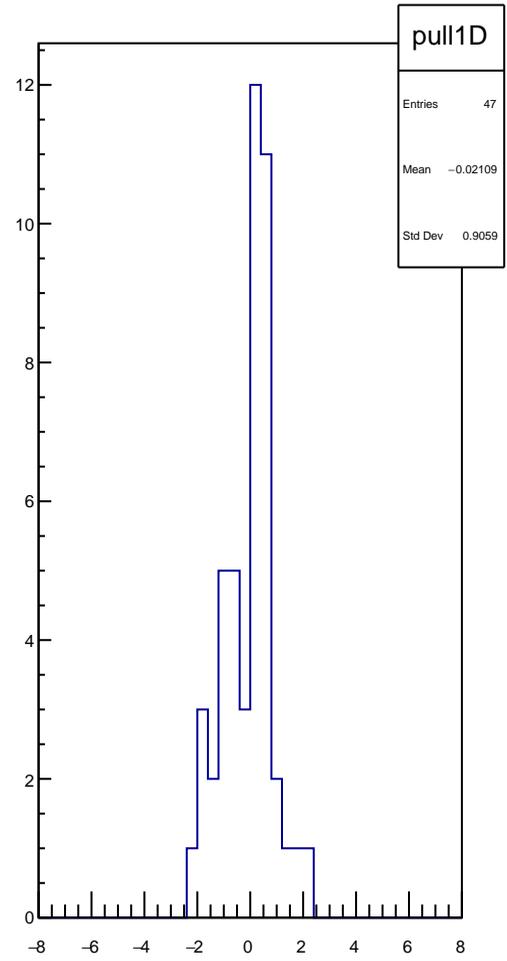
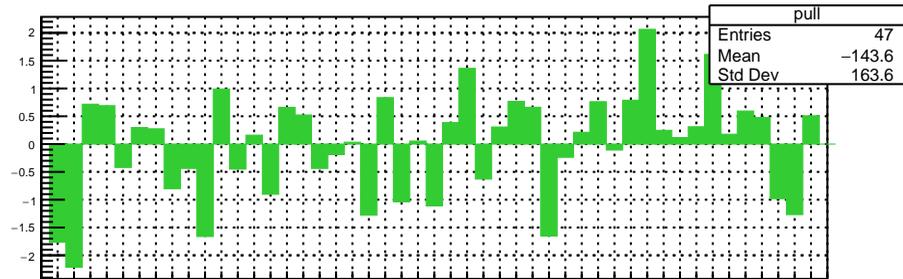
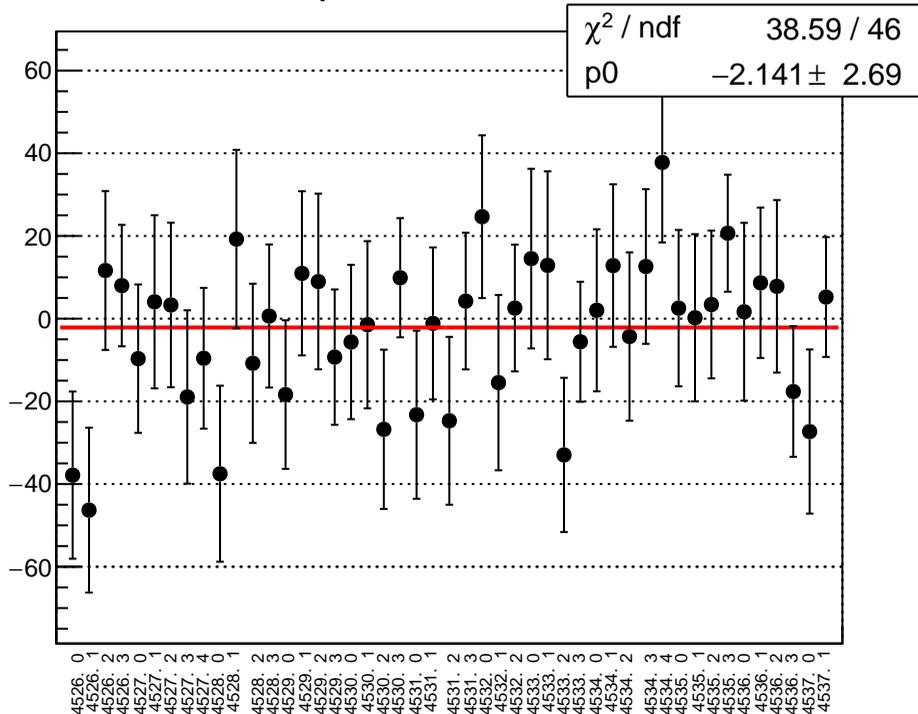
# diff\_bpm16X\_mean vs un



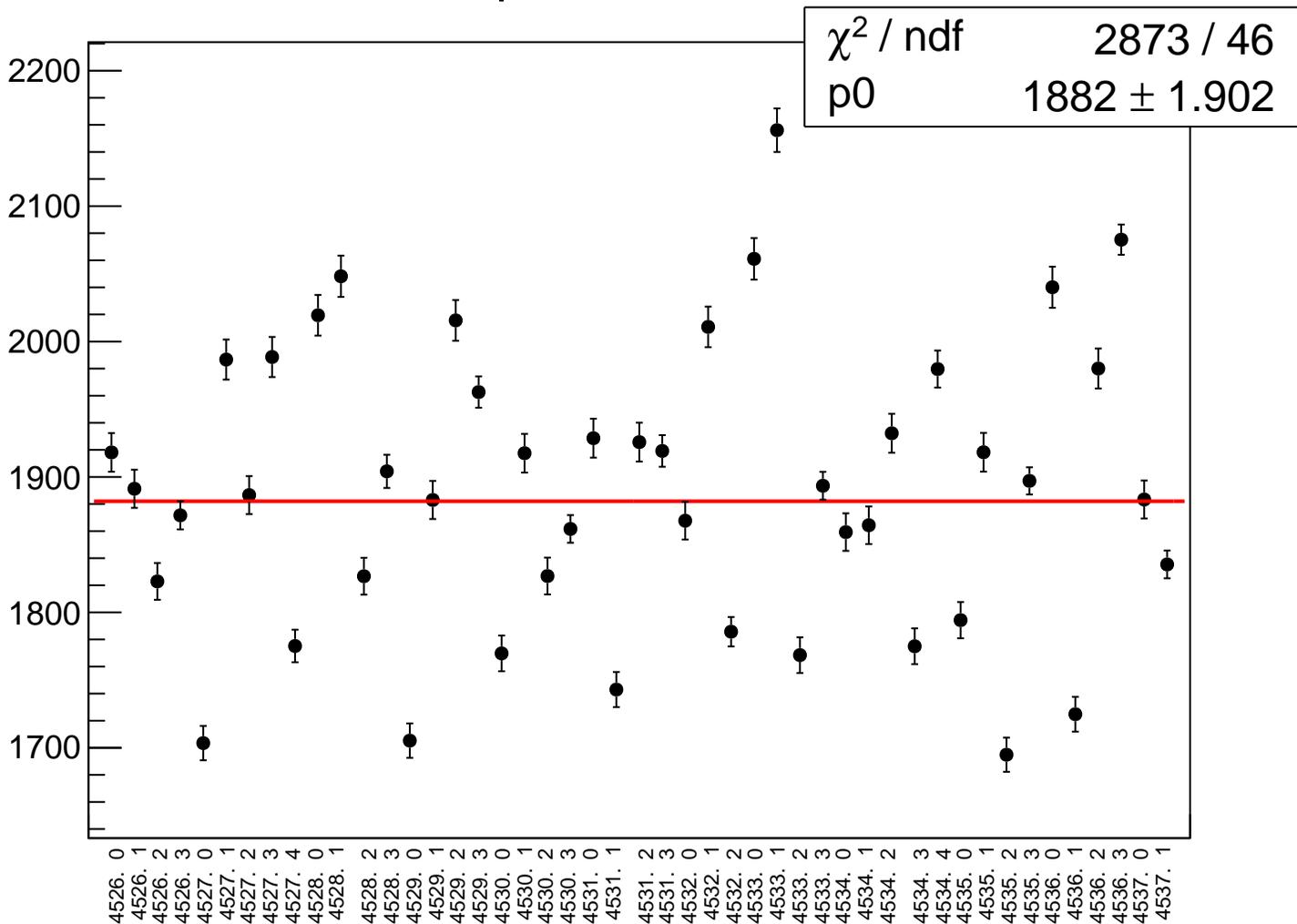
# diff\_bpm16X\_rms vs run



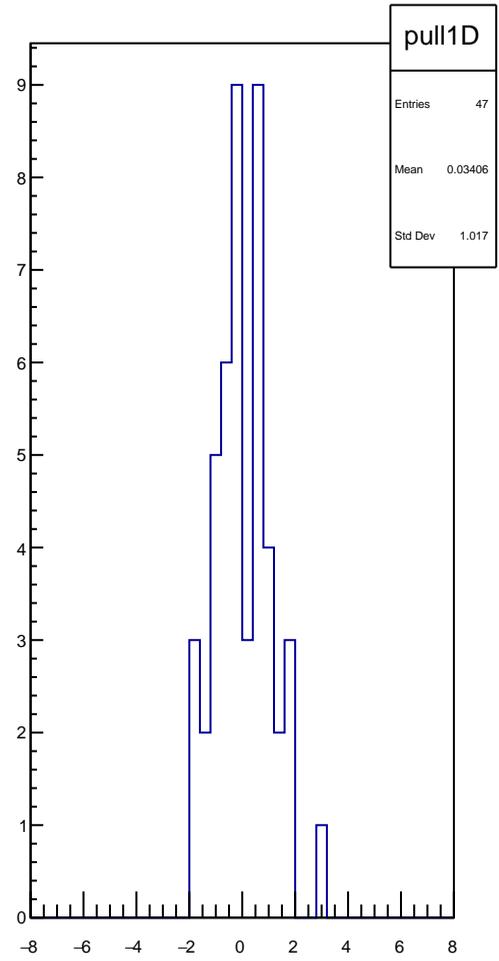
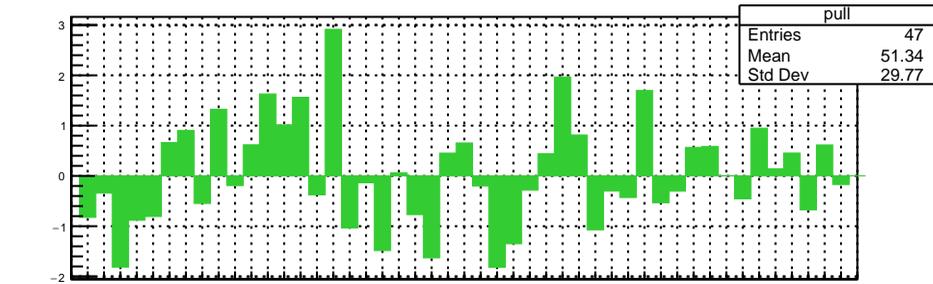
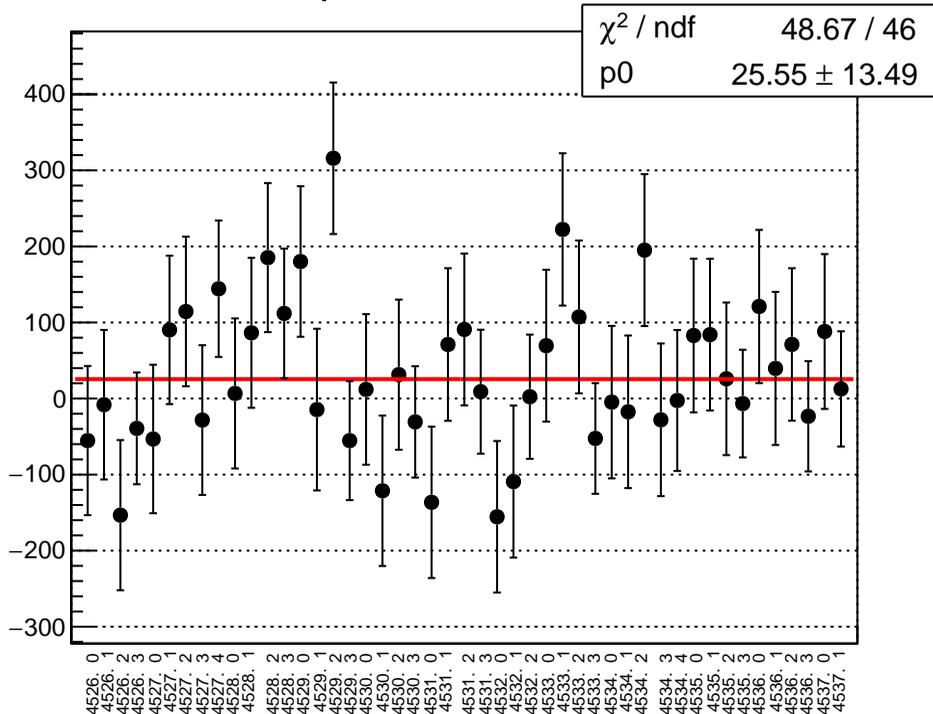
# diff\_bpm16Y\_mean vs run



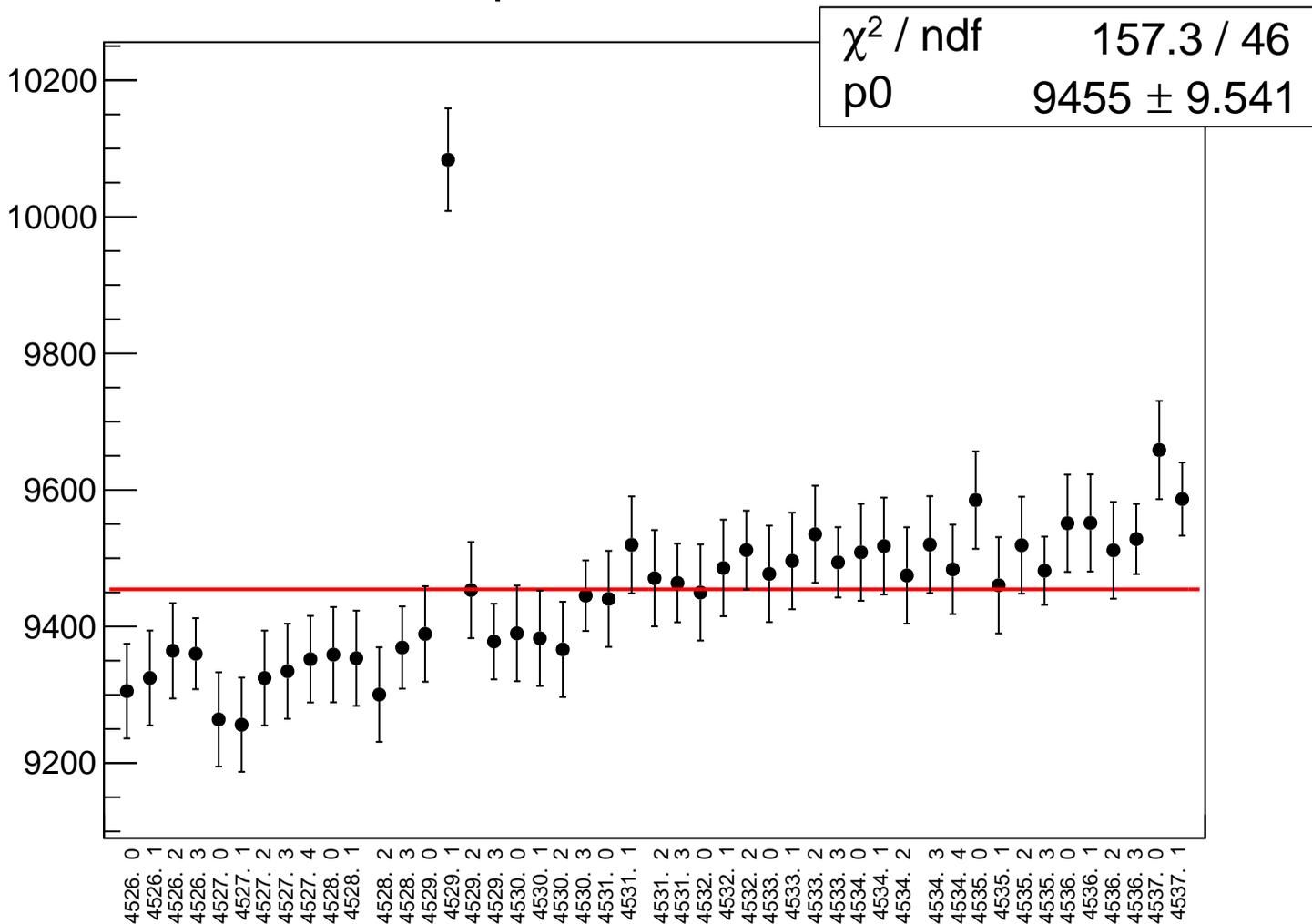
# diff\_bpm16Y\_rms vs run



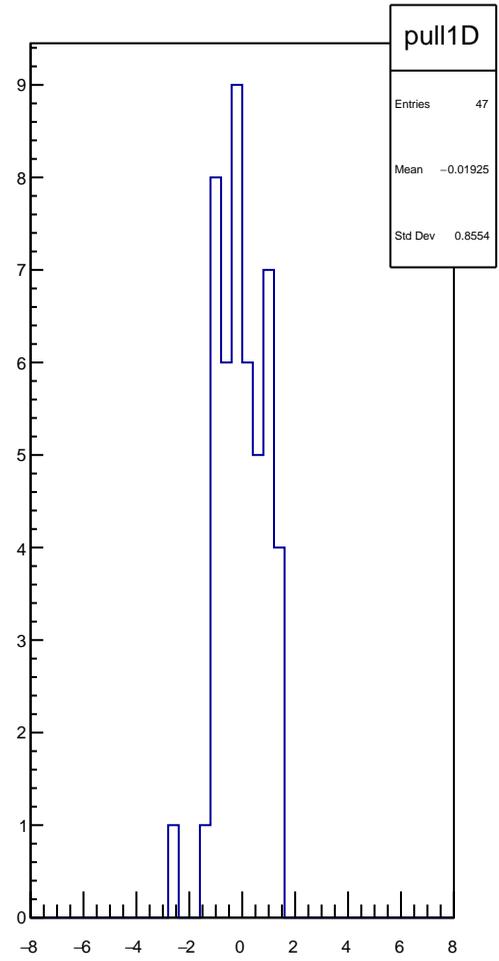
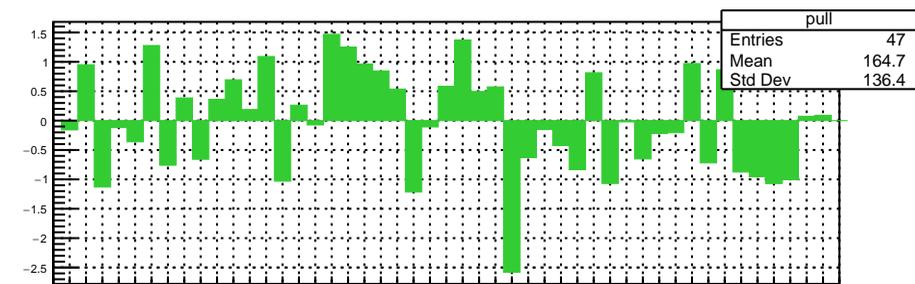
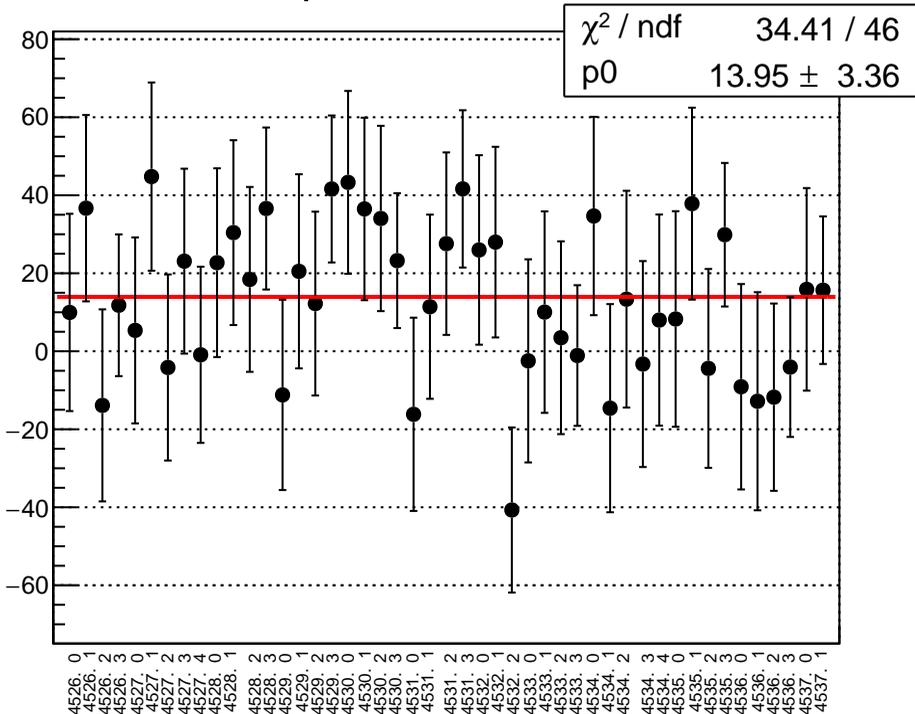
# diff\_bpm0I01X\_mean vs run



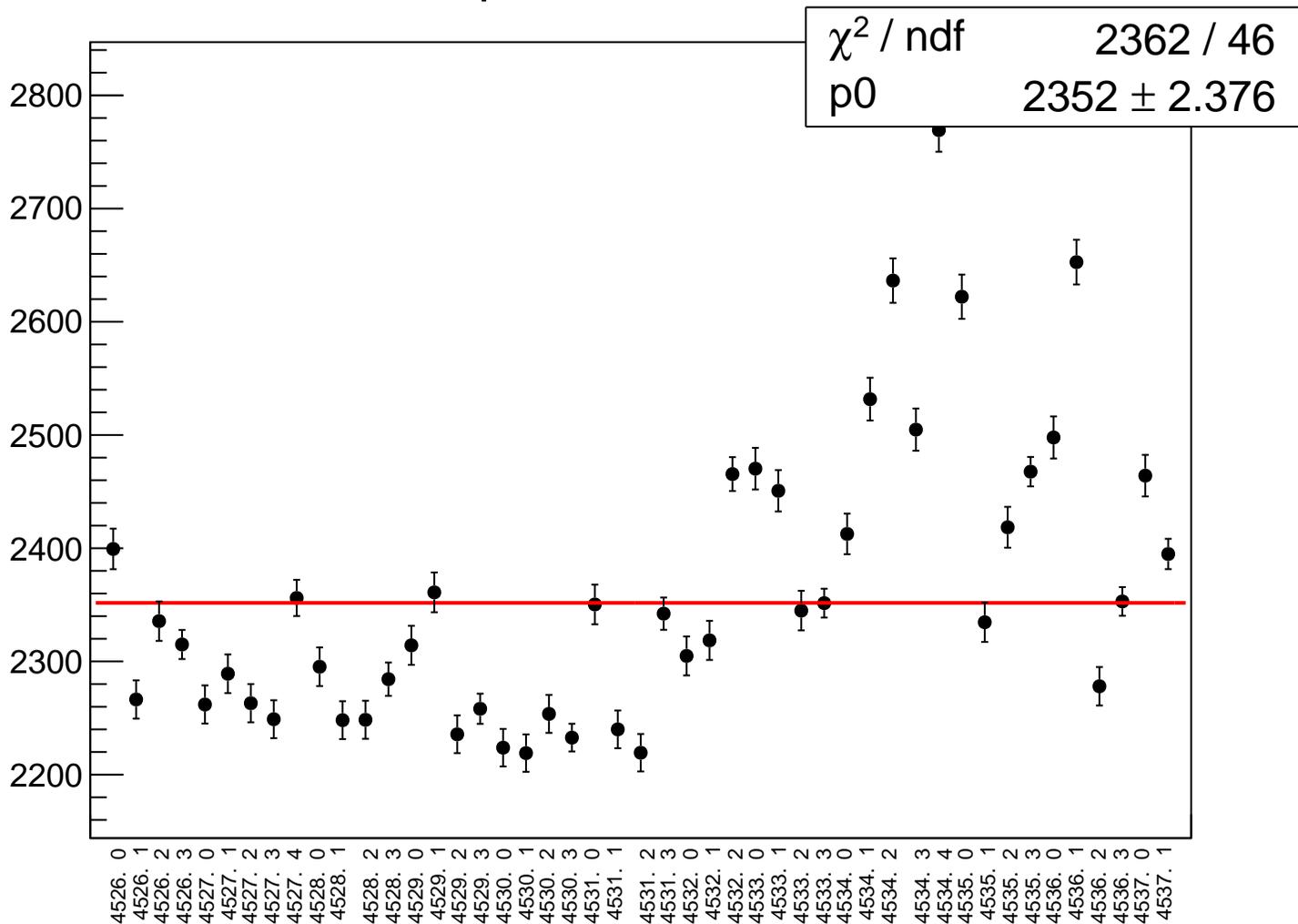
# diff\_bpm0l01X\_rms vs run



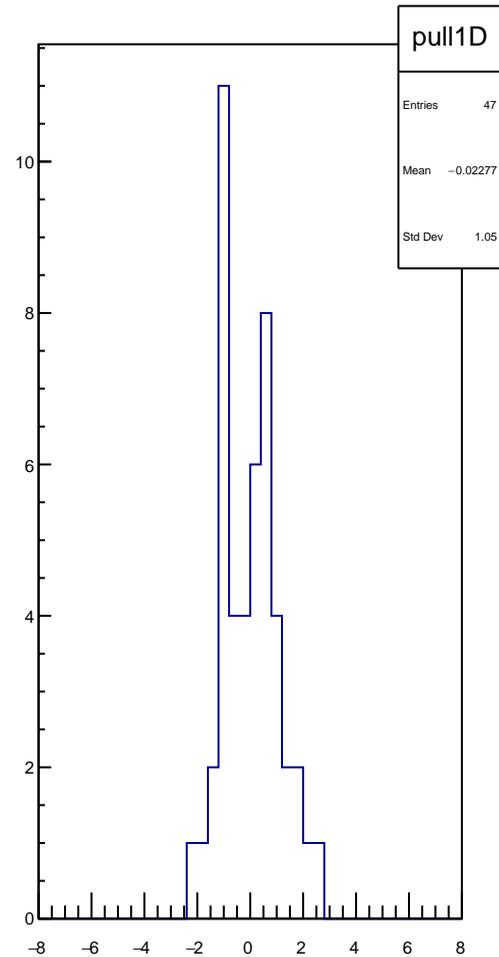
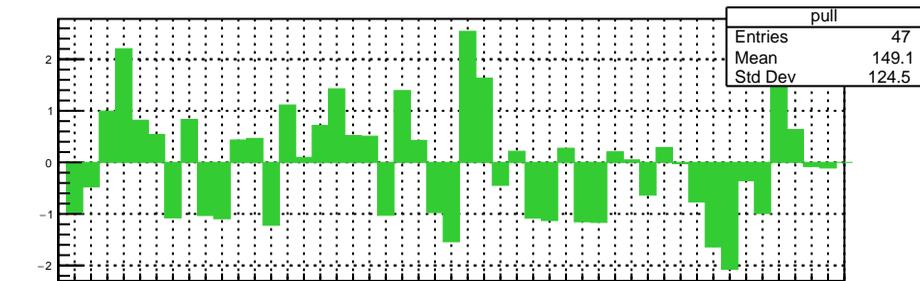
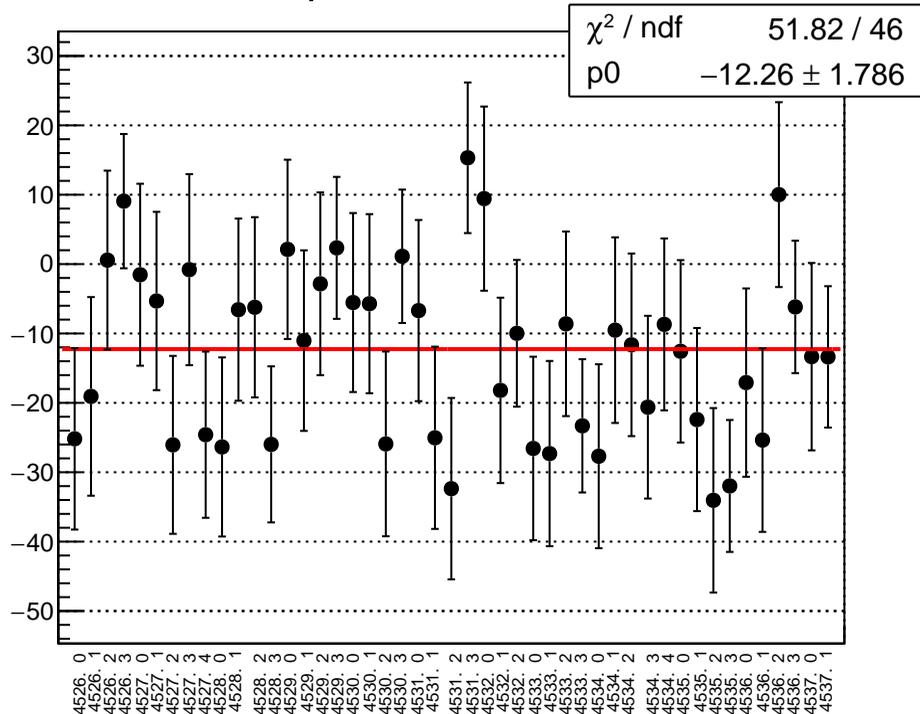
# diff\_bpm0l01Y\_mean vs run



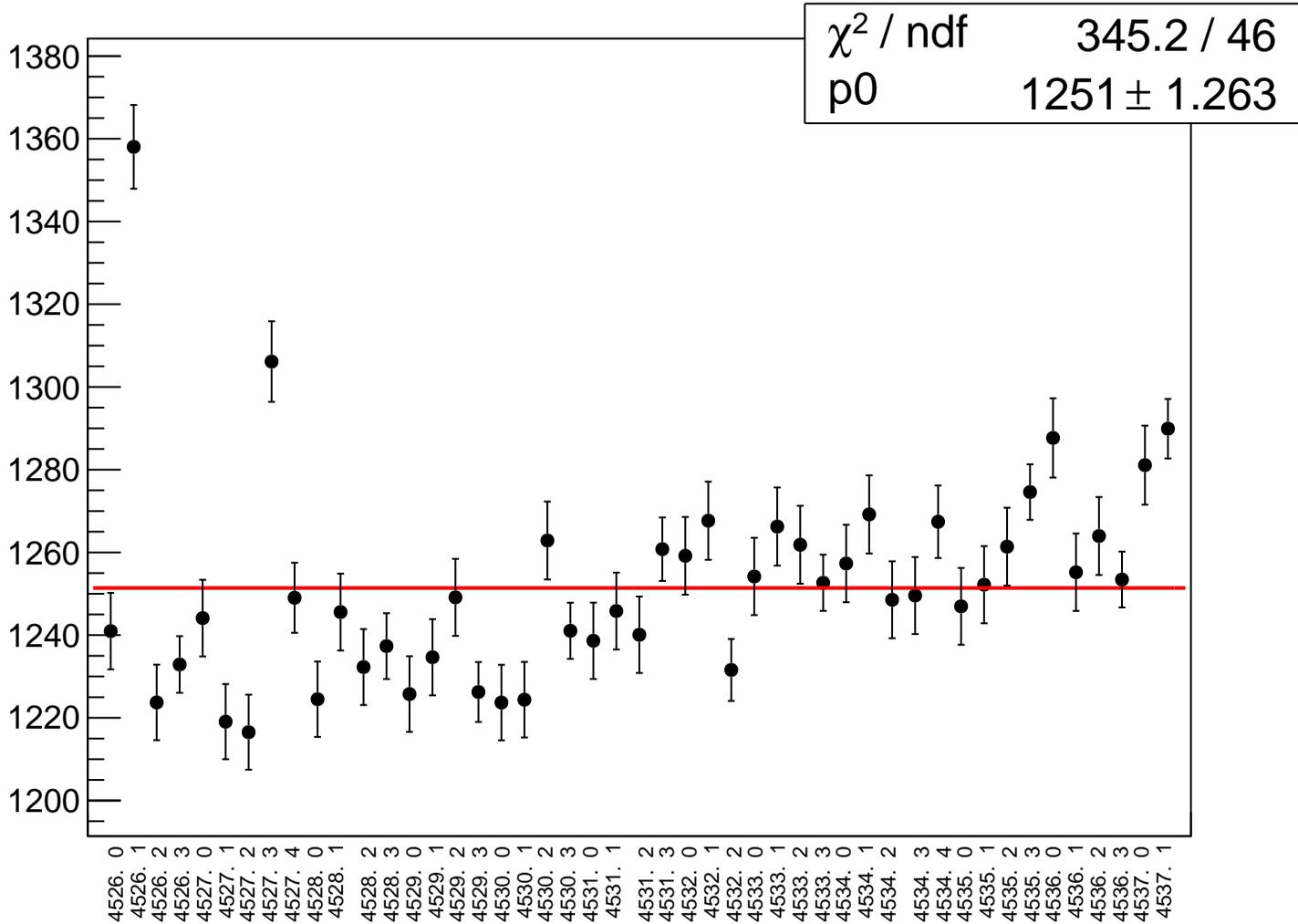
# diff\_bpm0l01Y\_rms vs run



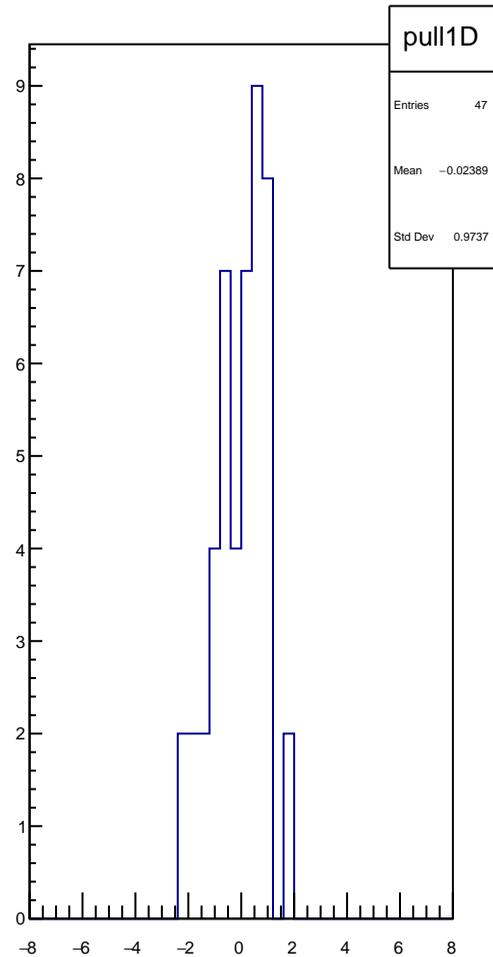
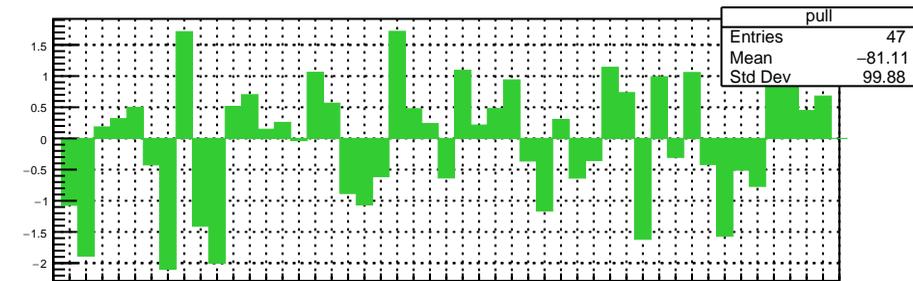
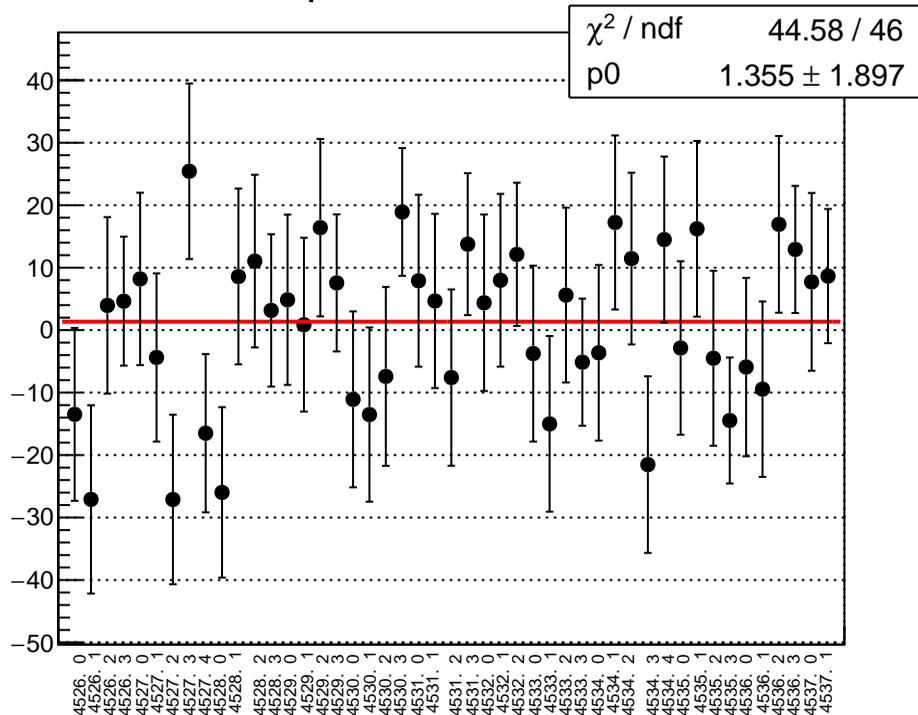
# diff\_bpm2i01X\_mean vs run



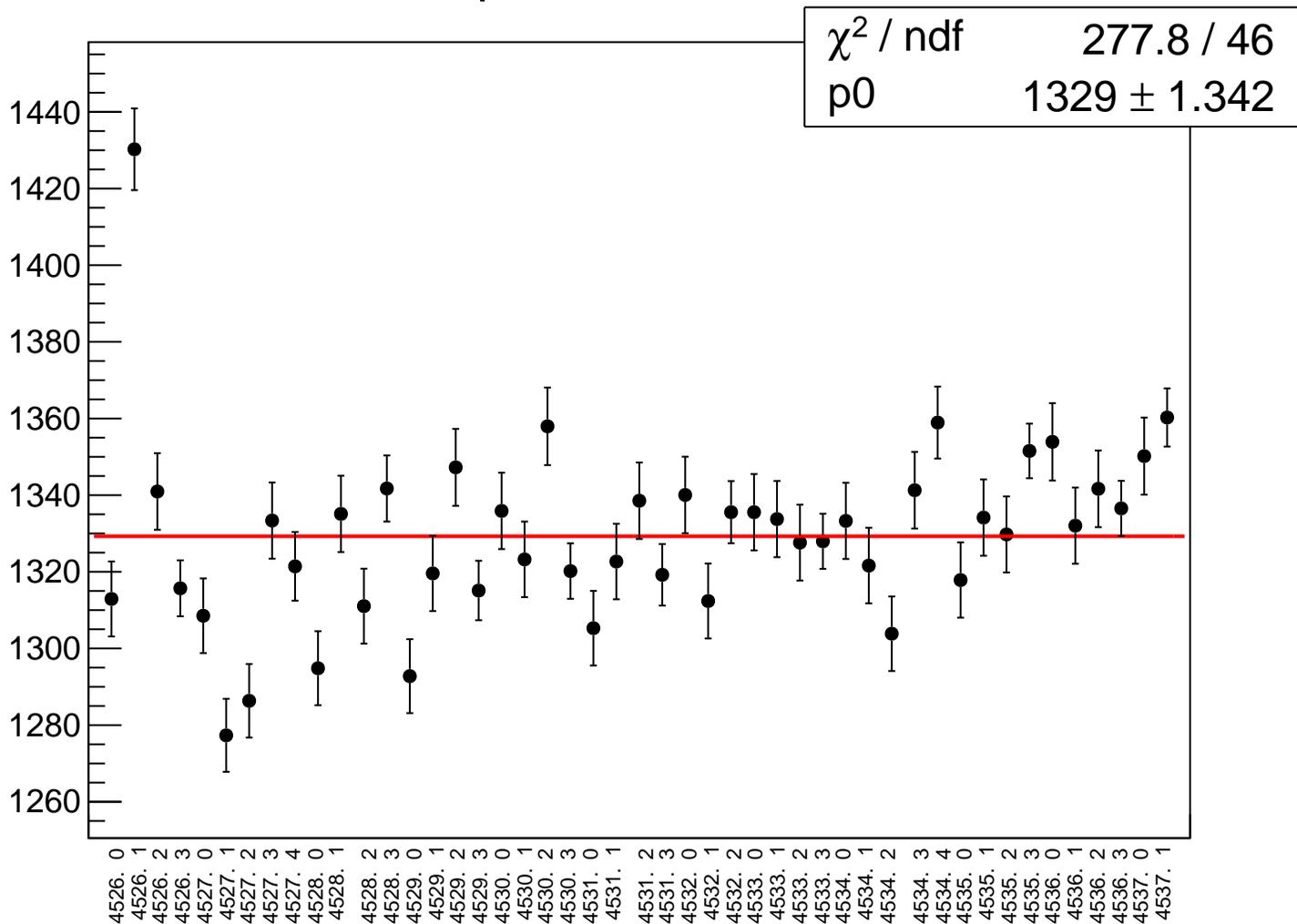
# diff\_bpm2i01X\_rms vs run



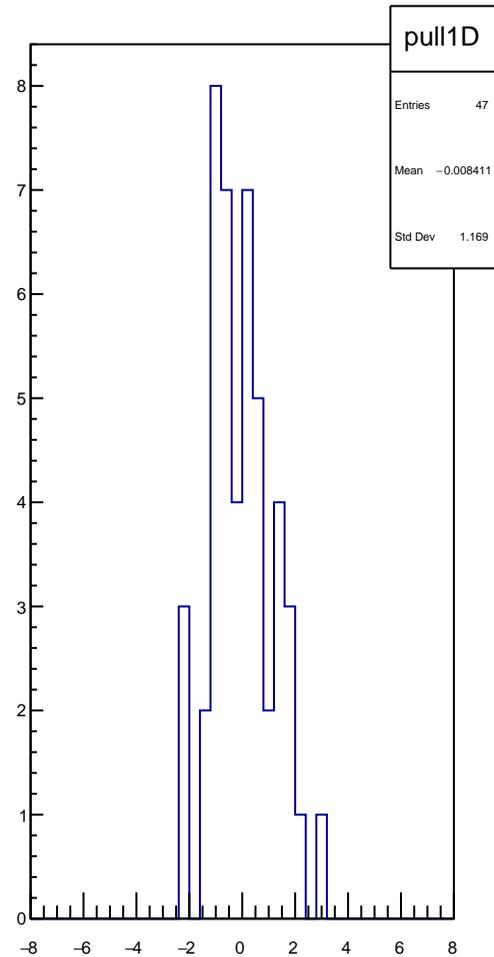
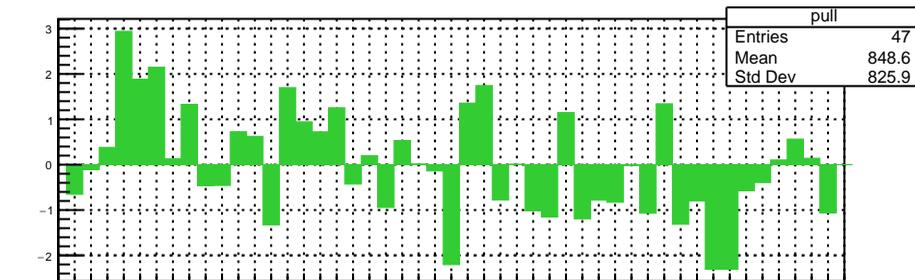
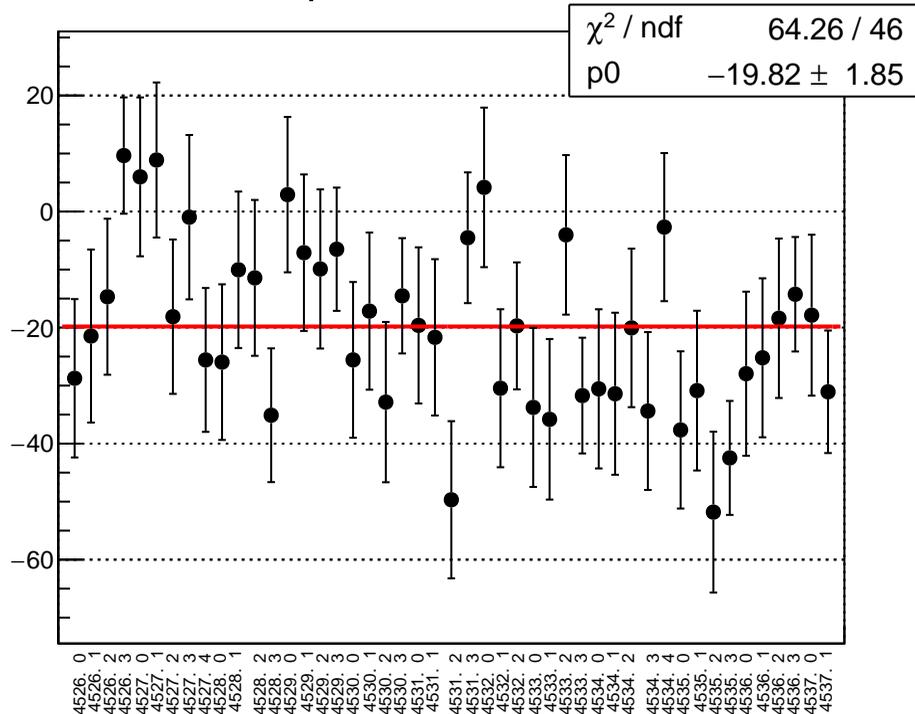
# diff\_bpm2i01Y\_mean vs run



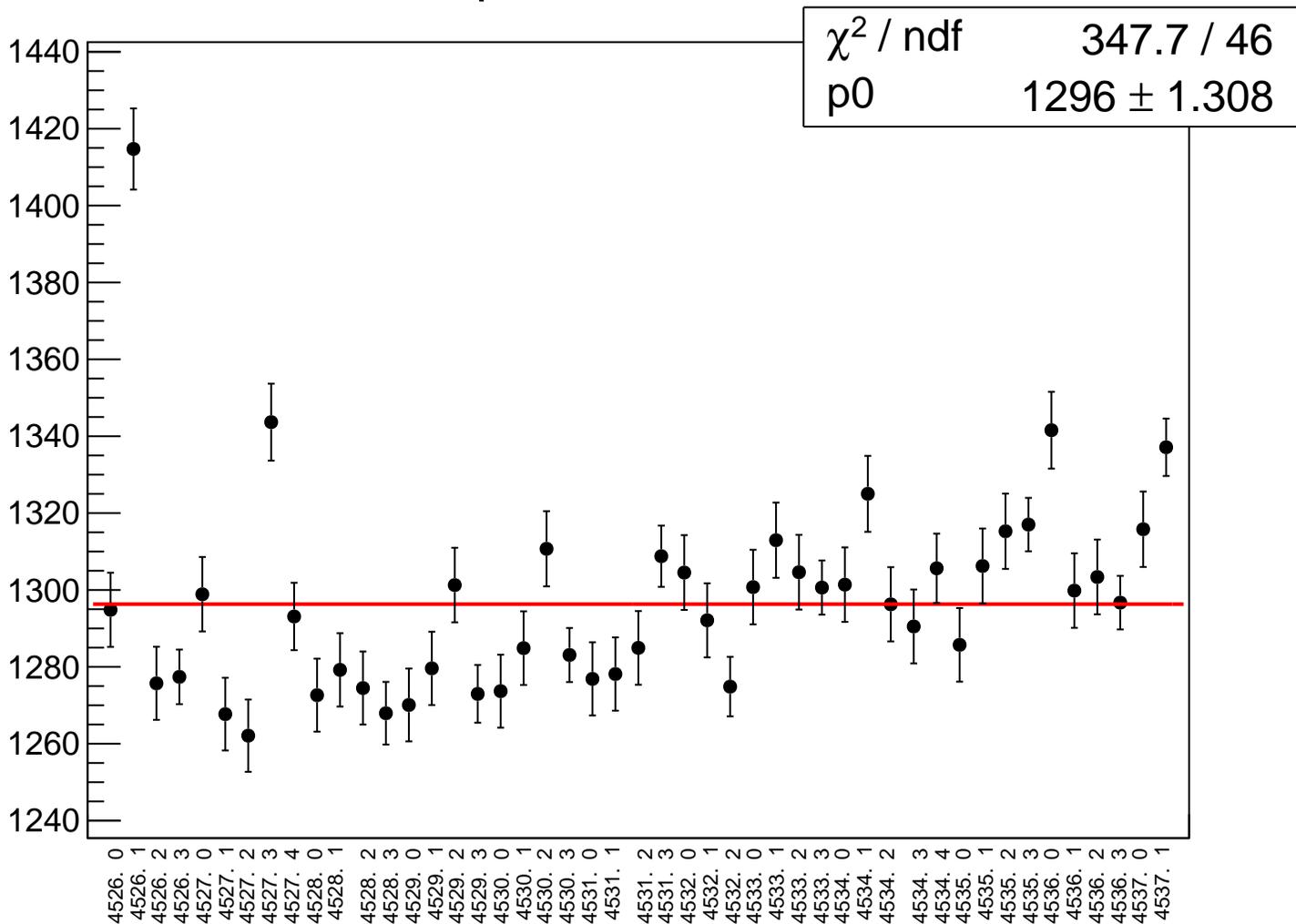
# diff\_bpm2i01Y\_rms vs run



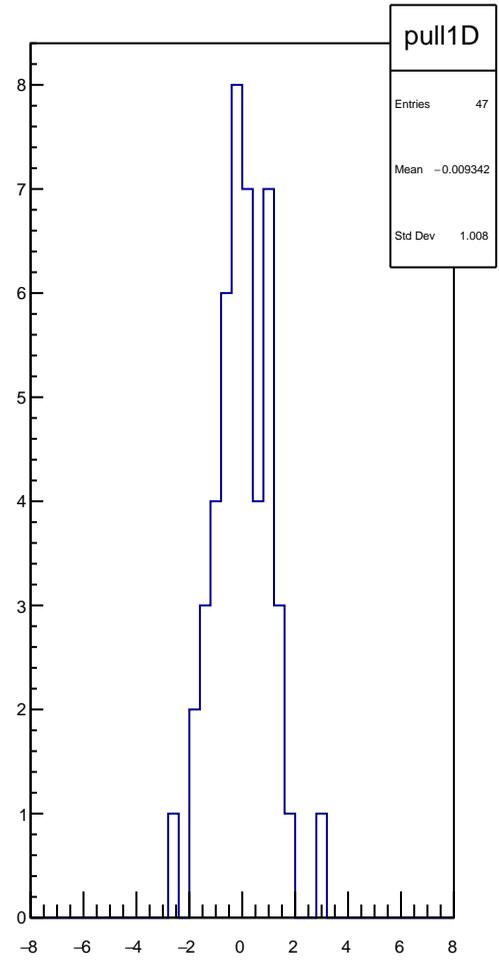
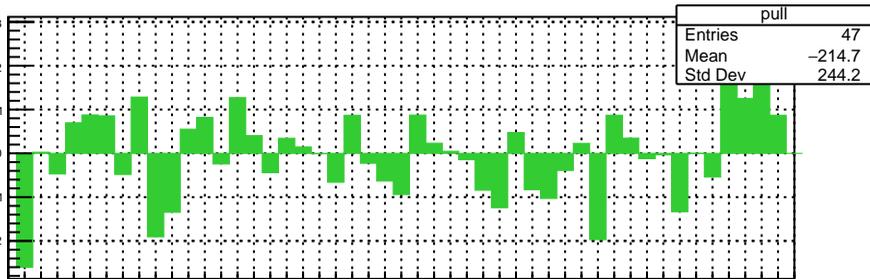
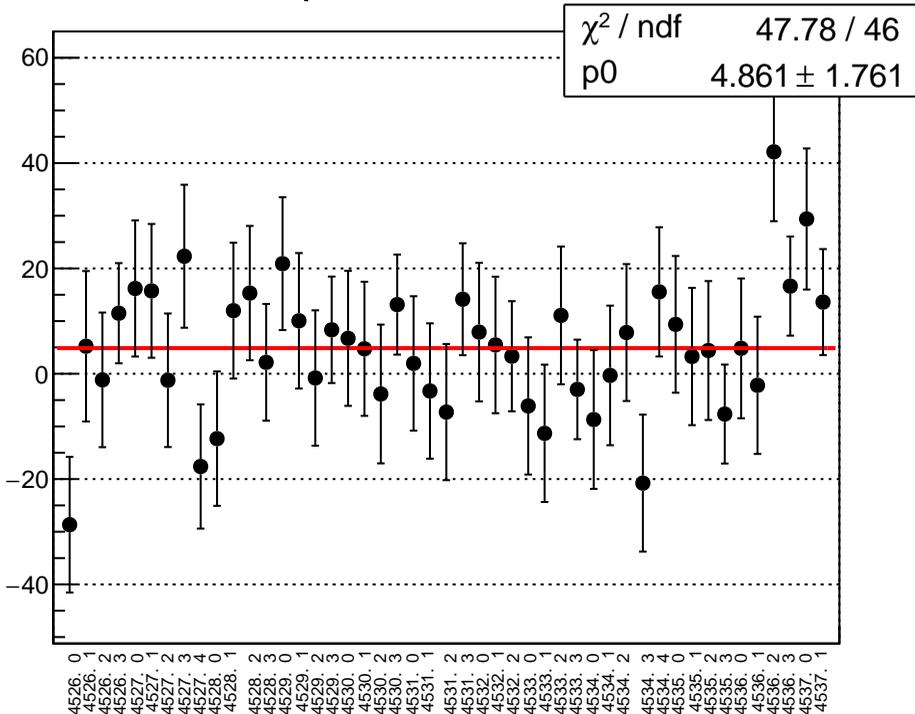
# diff\_bpm2i02X\_mean vs run



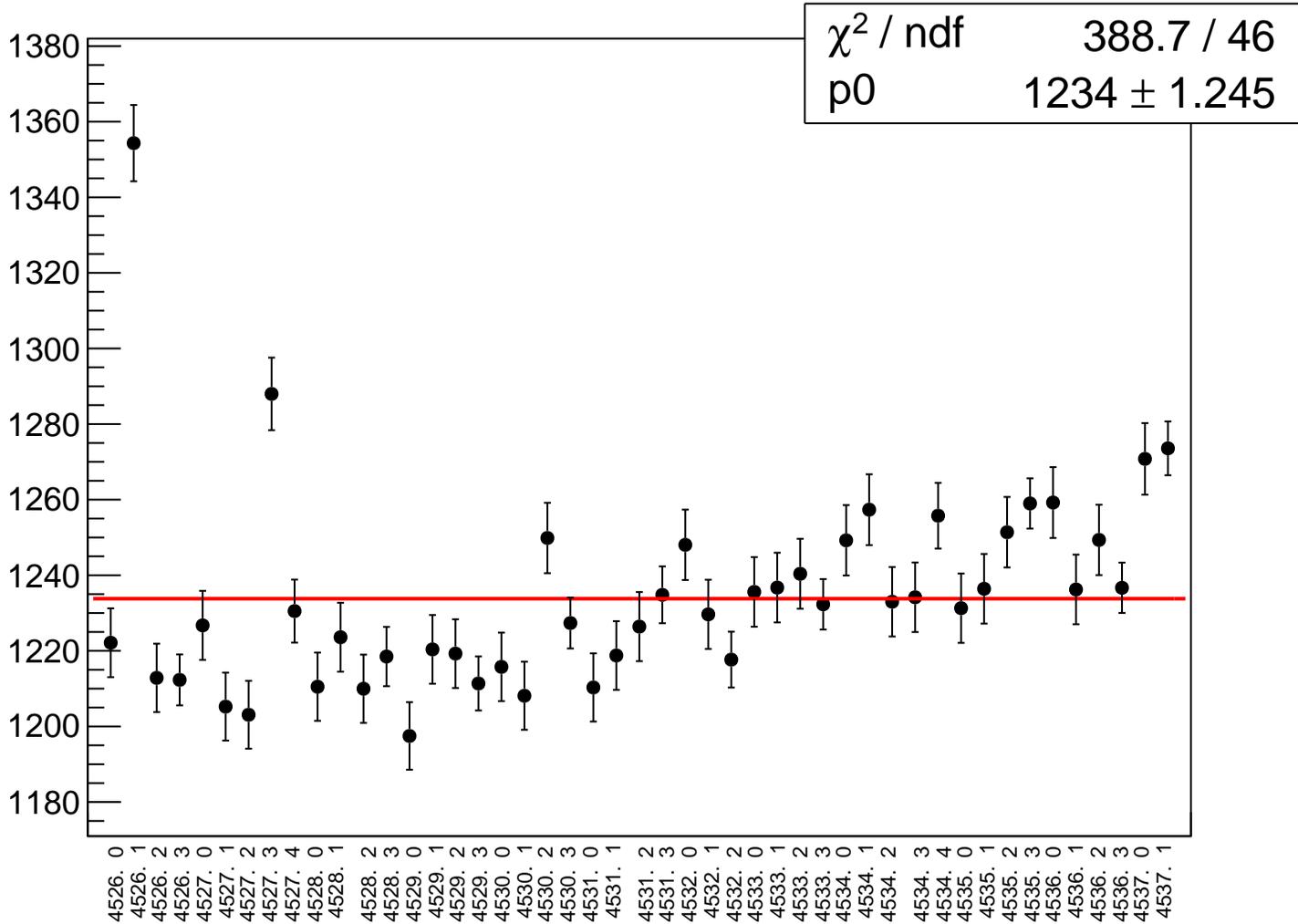
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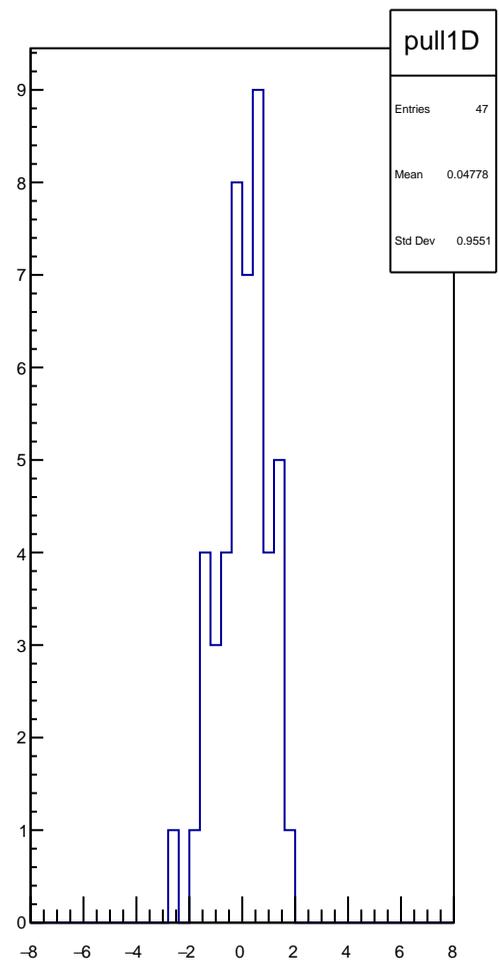
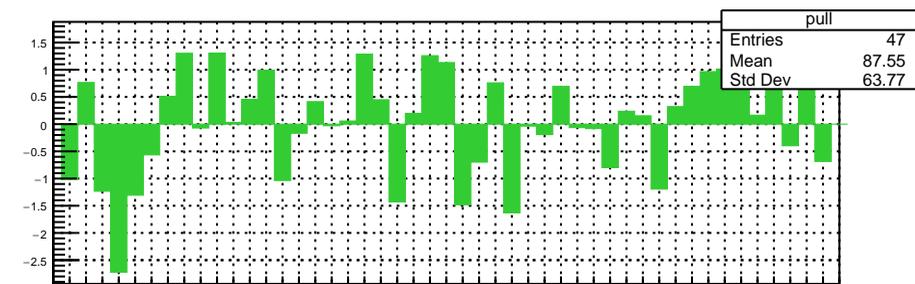
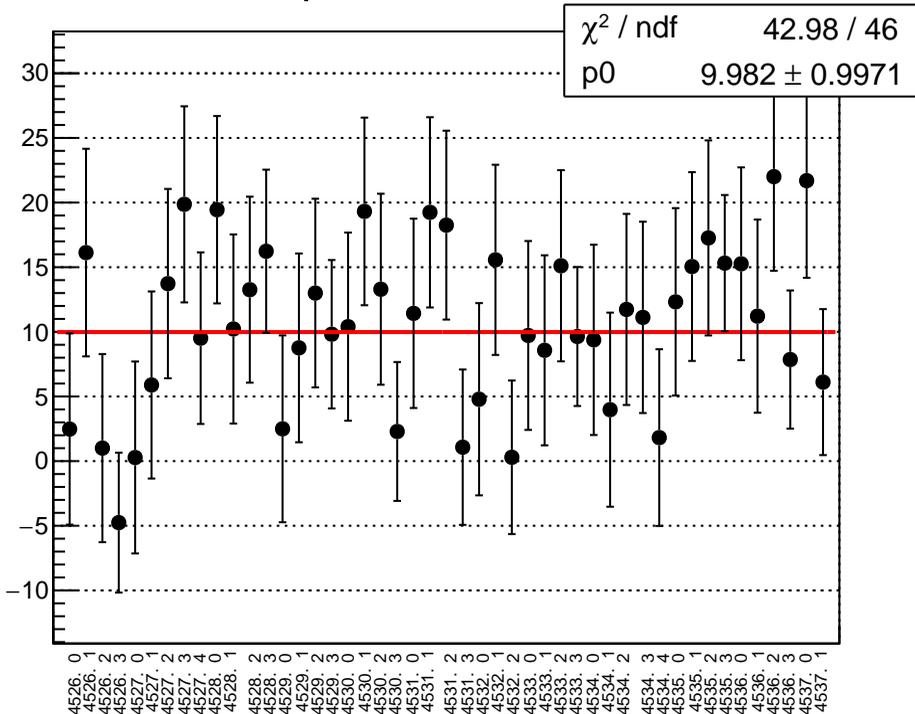
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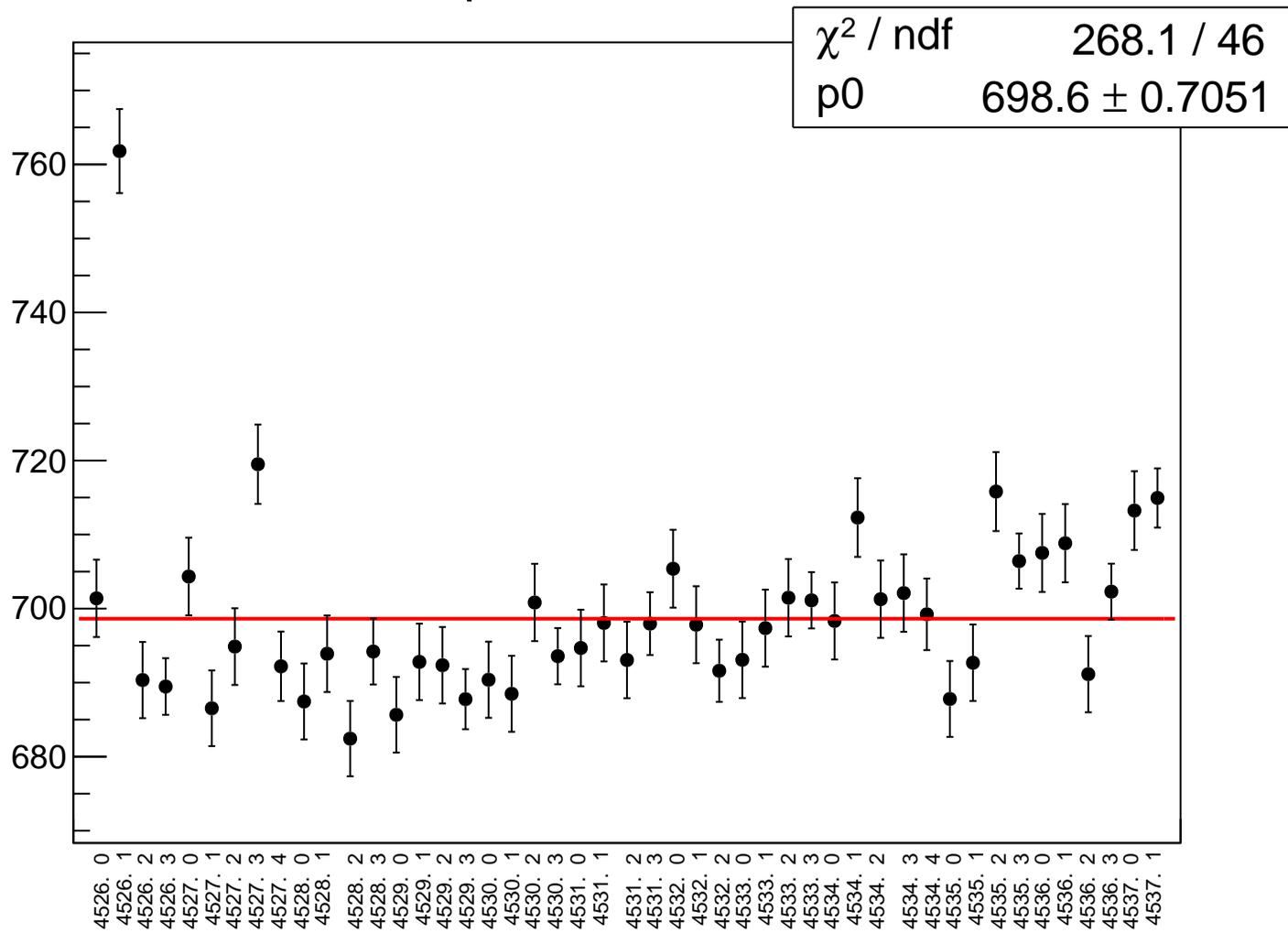
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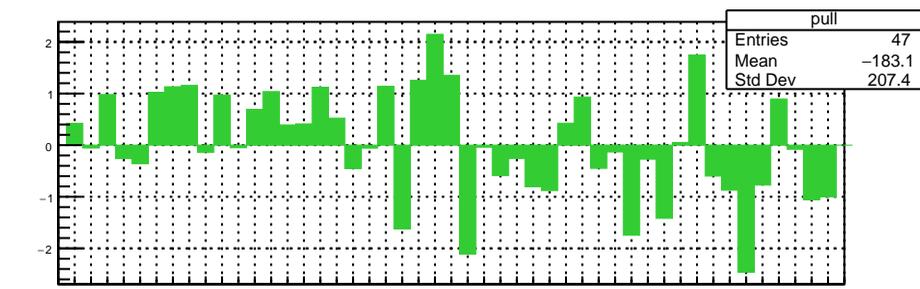
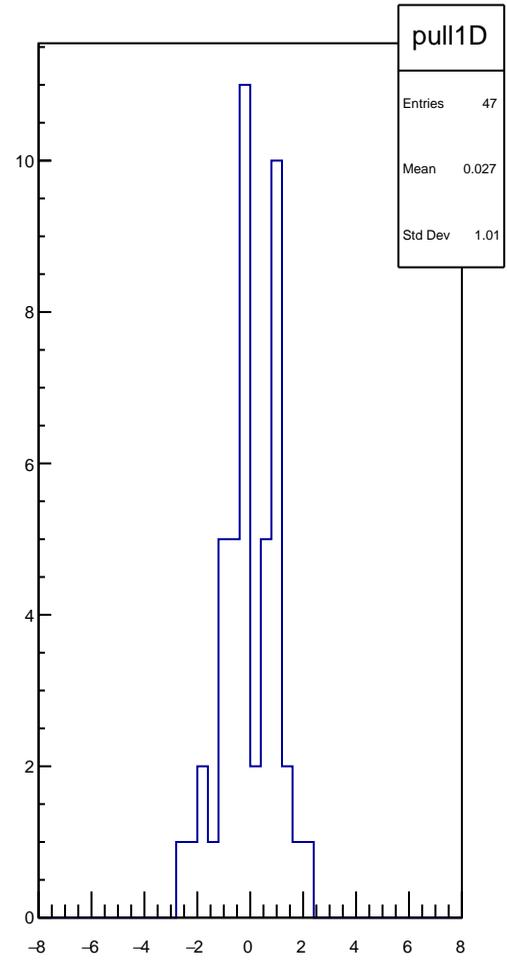
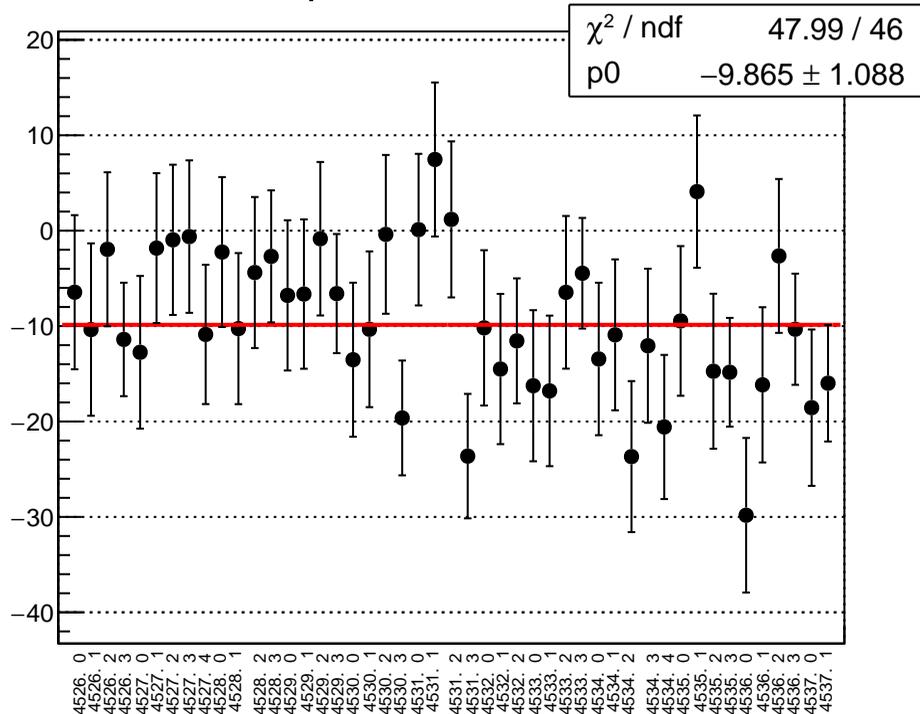
# diff\_bpm1i04X\_mean vs run



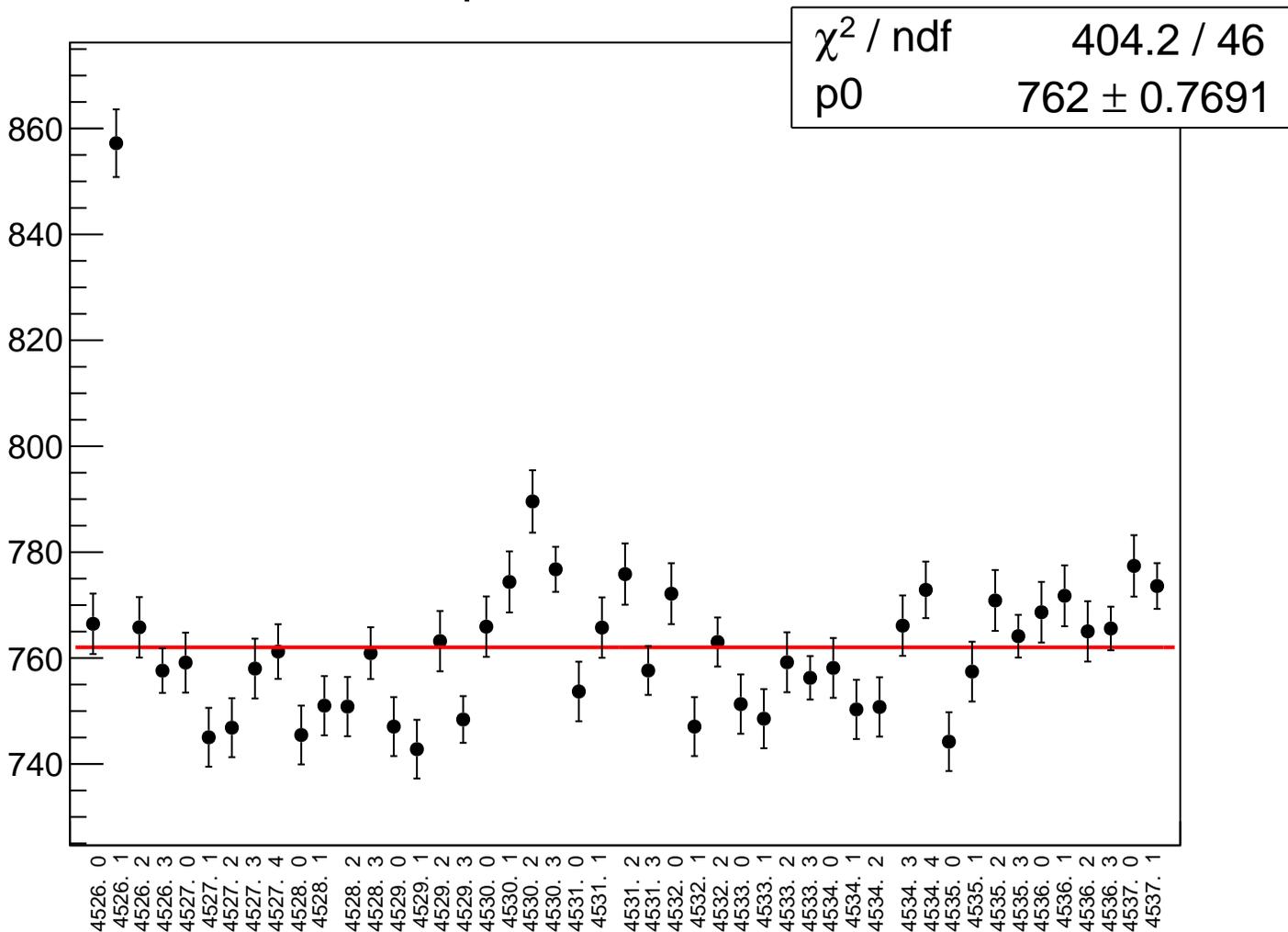
## diff\_bpm1i04X\_rms vs run



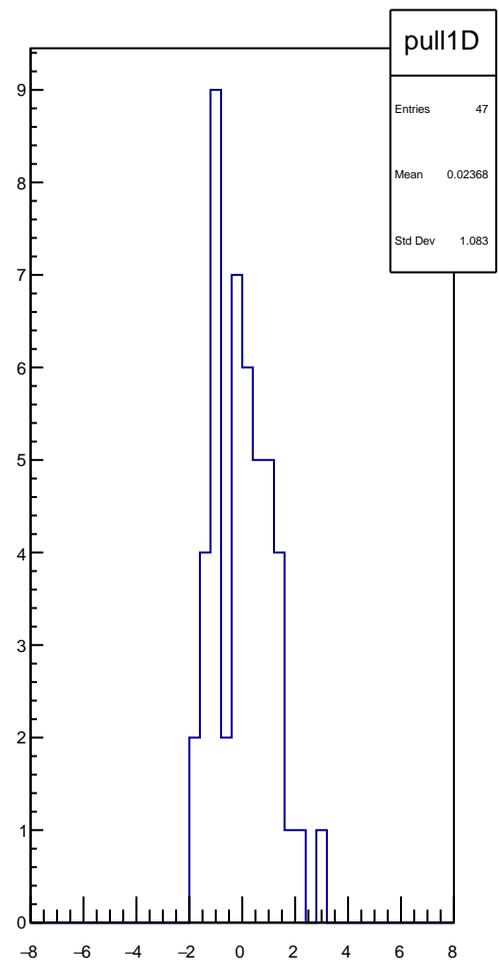
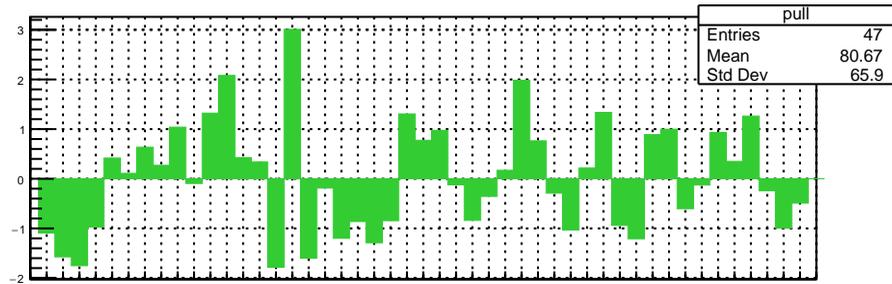
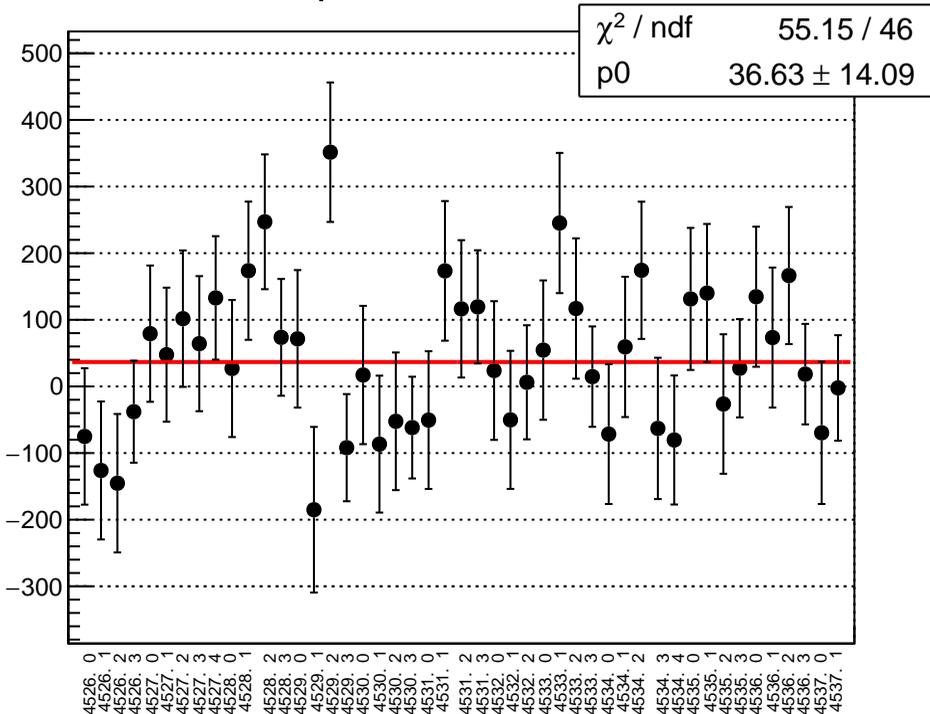
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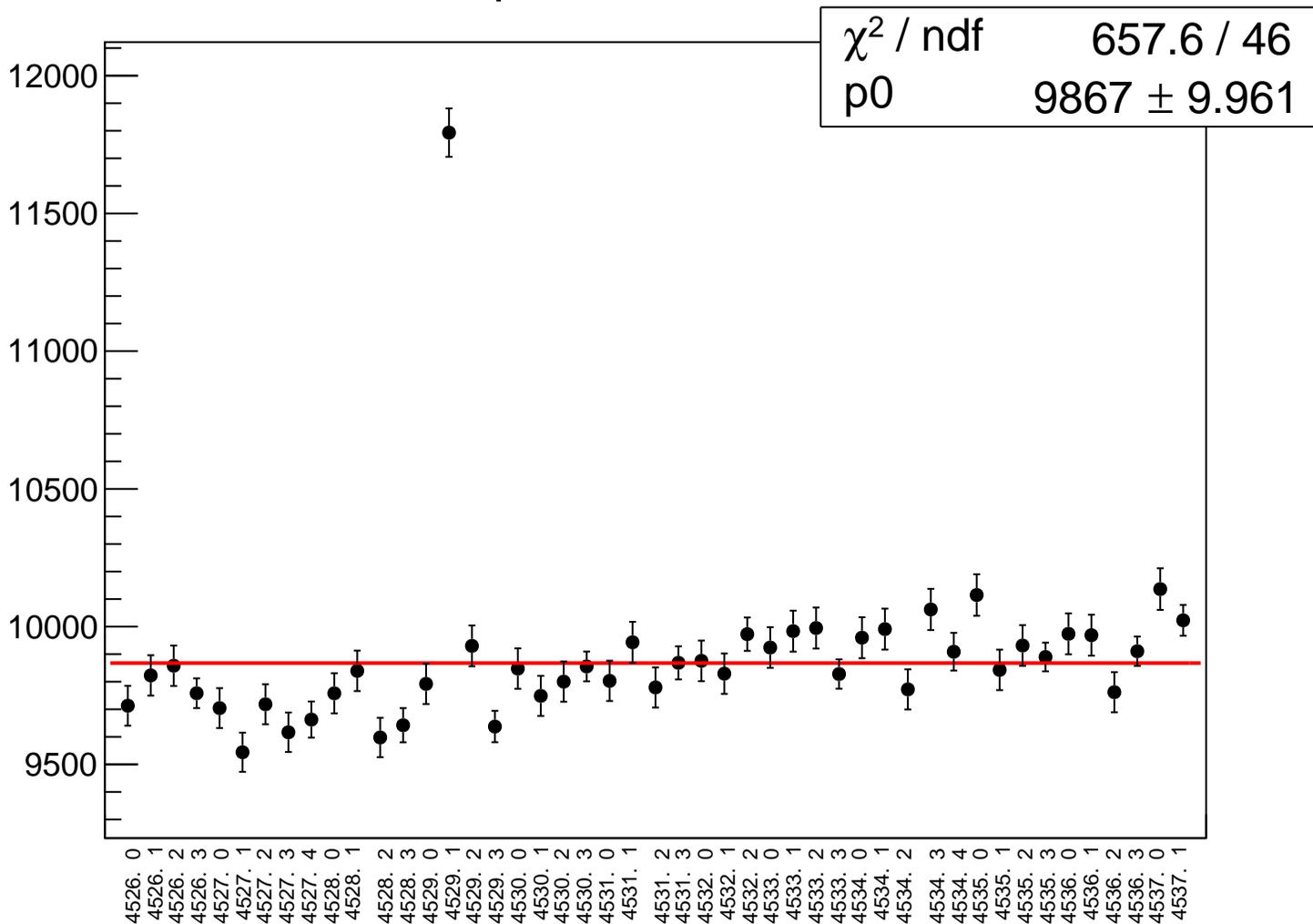
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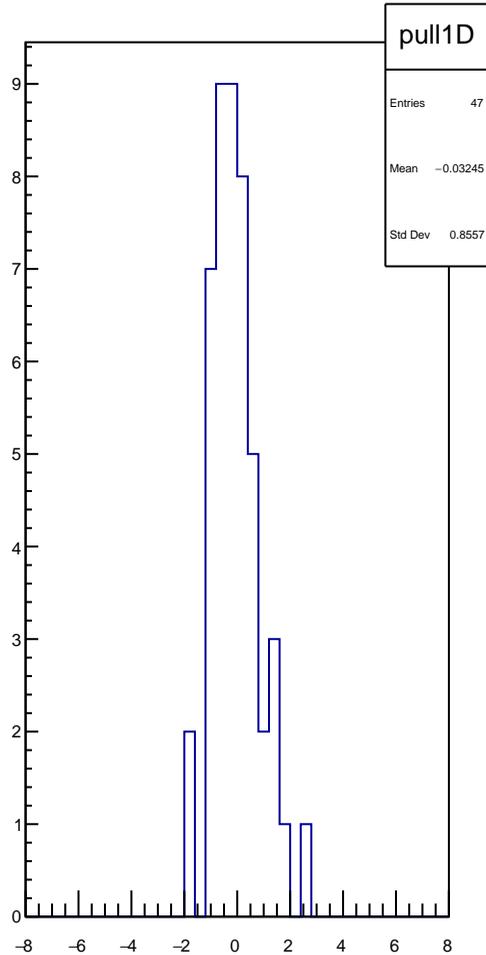
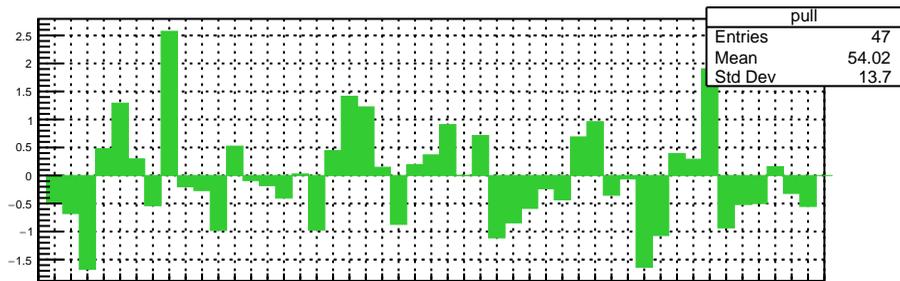
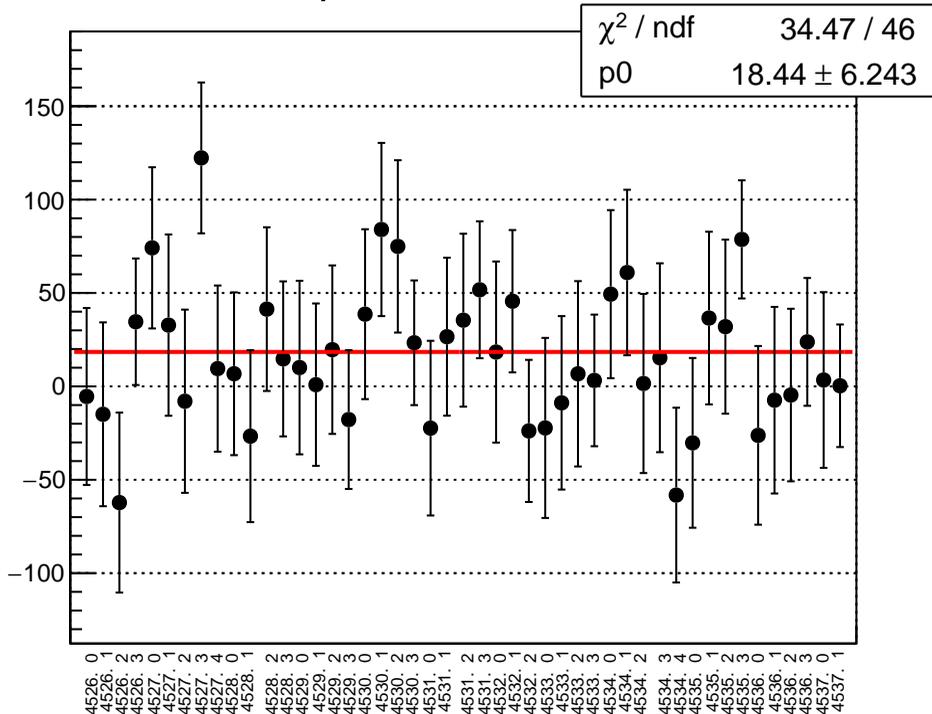
# diff\_bpm0102X\_mean vs run



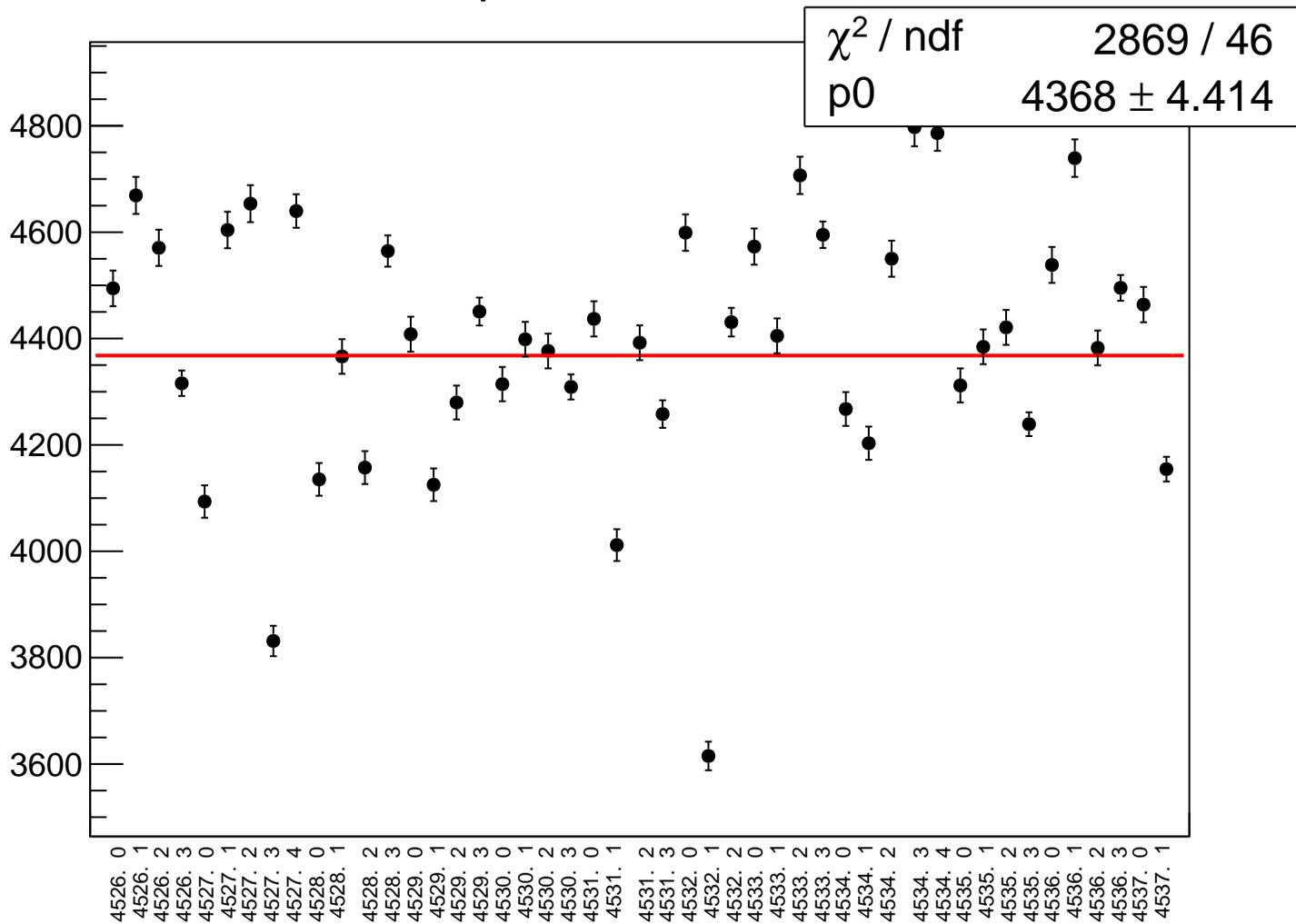
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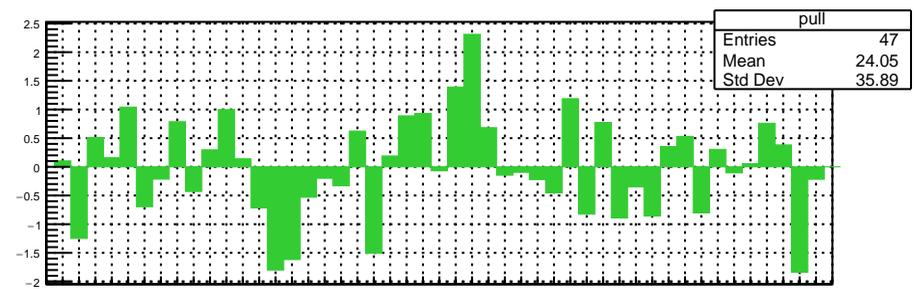
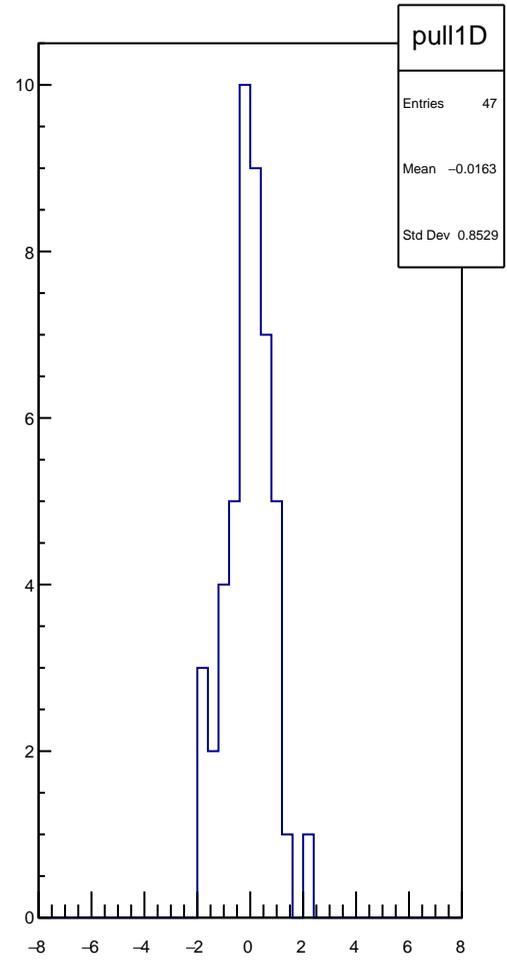
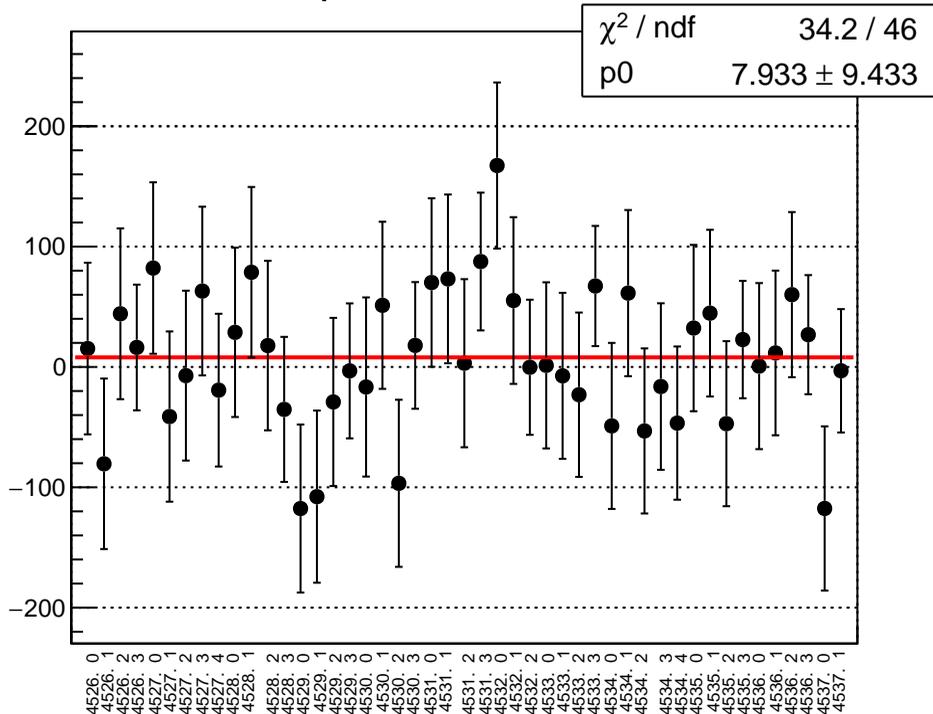
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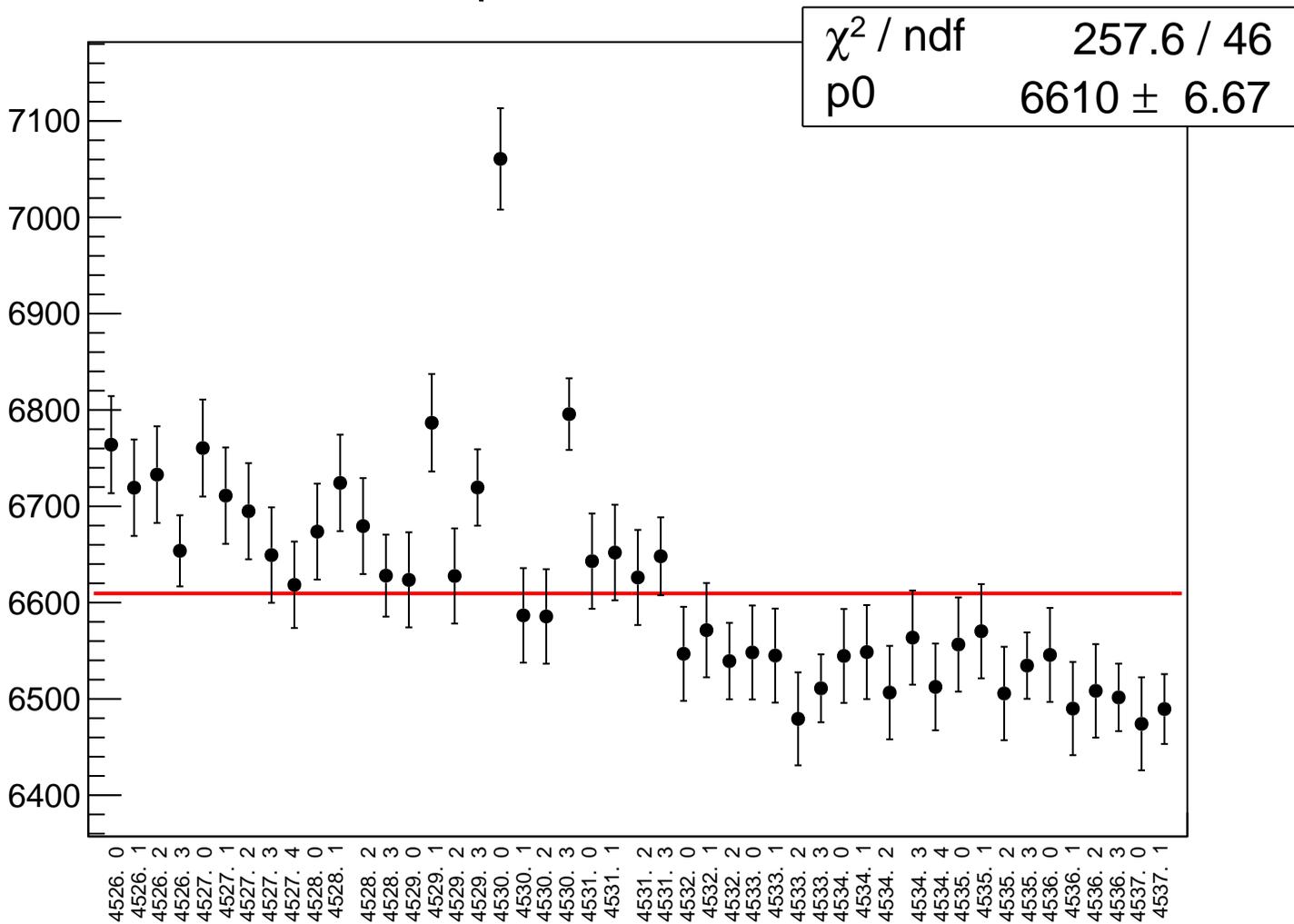
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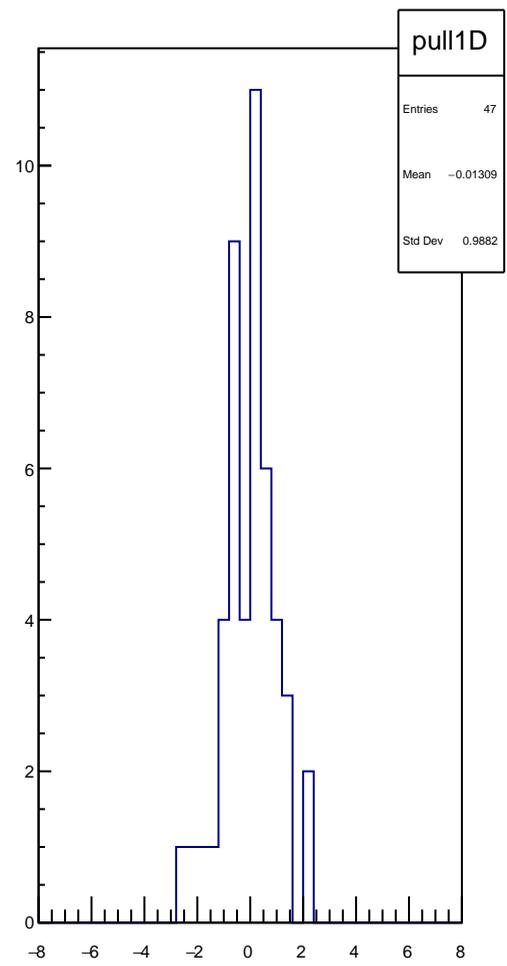
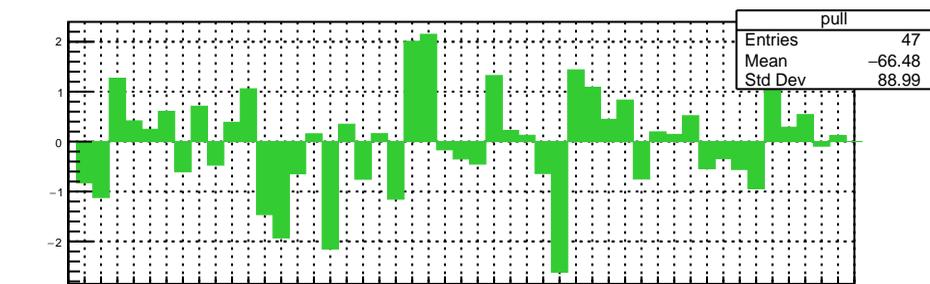
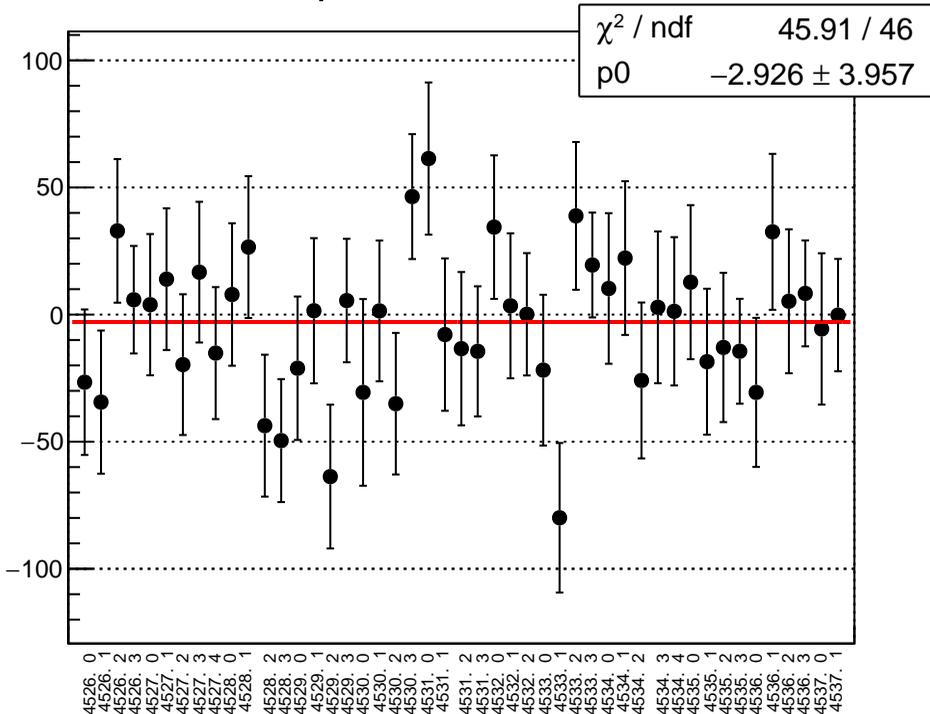
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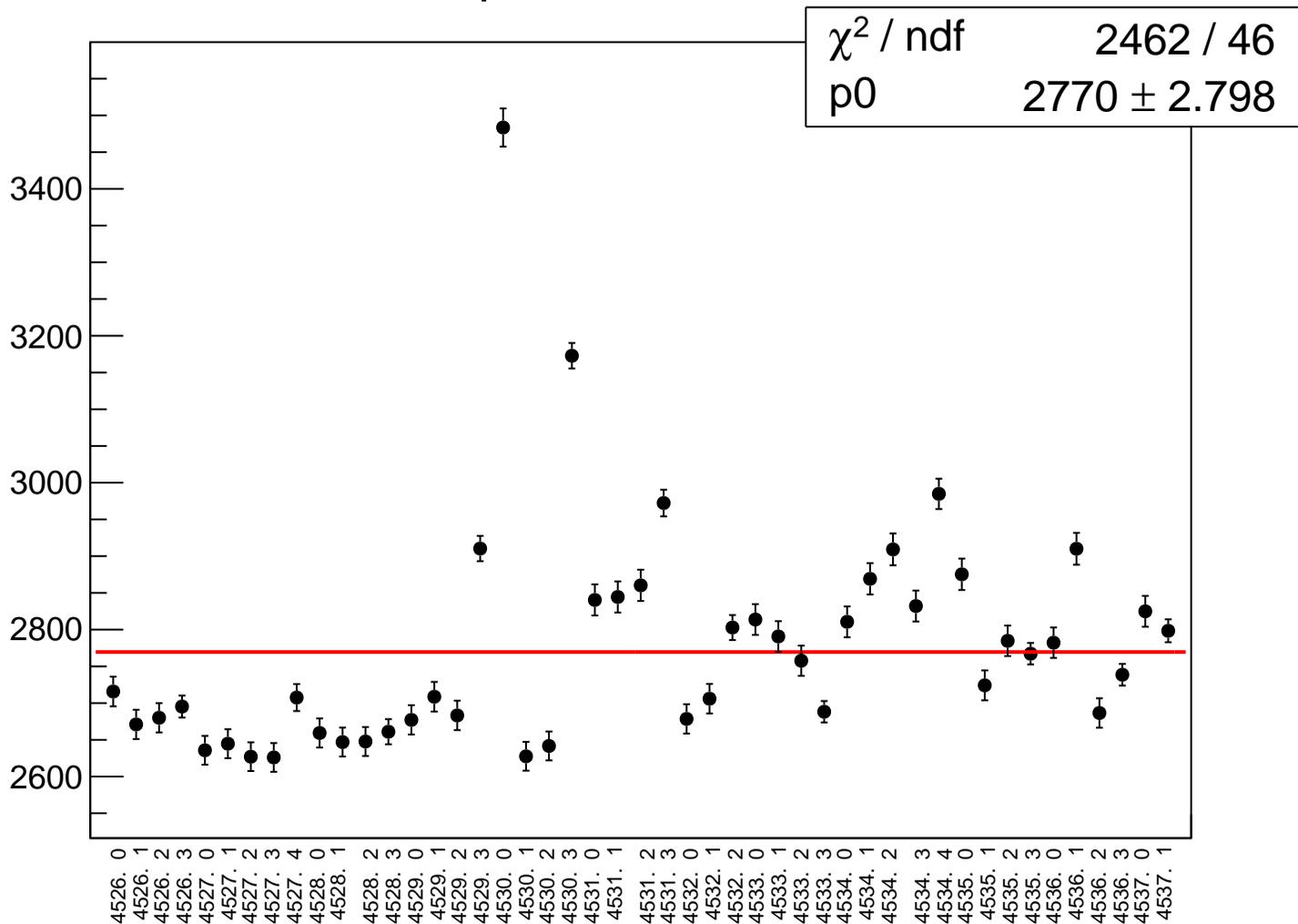
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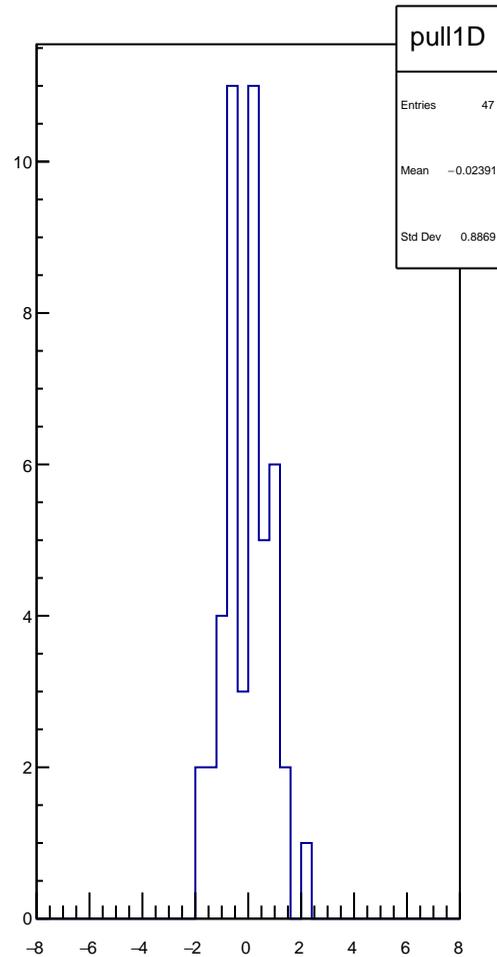
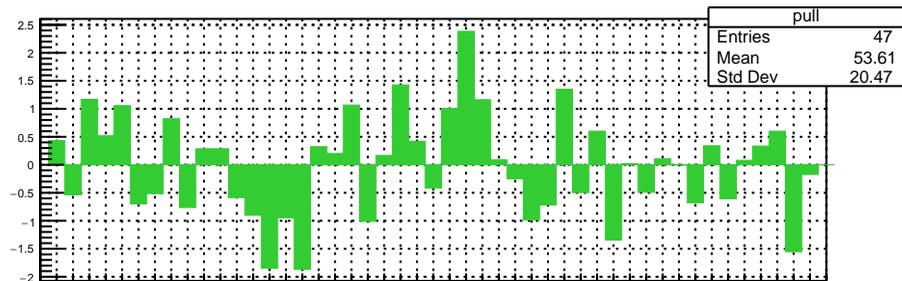
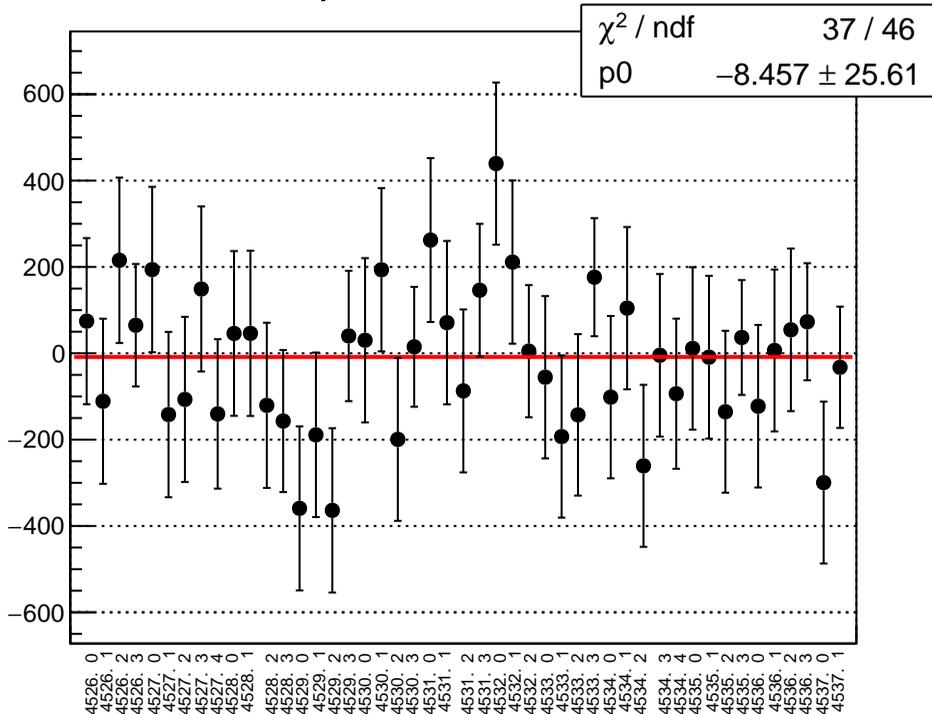
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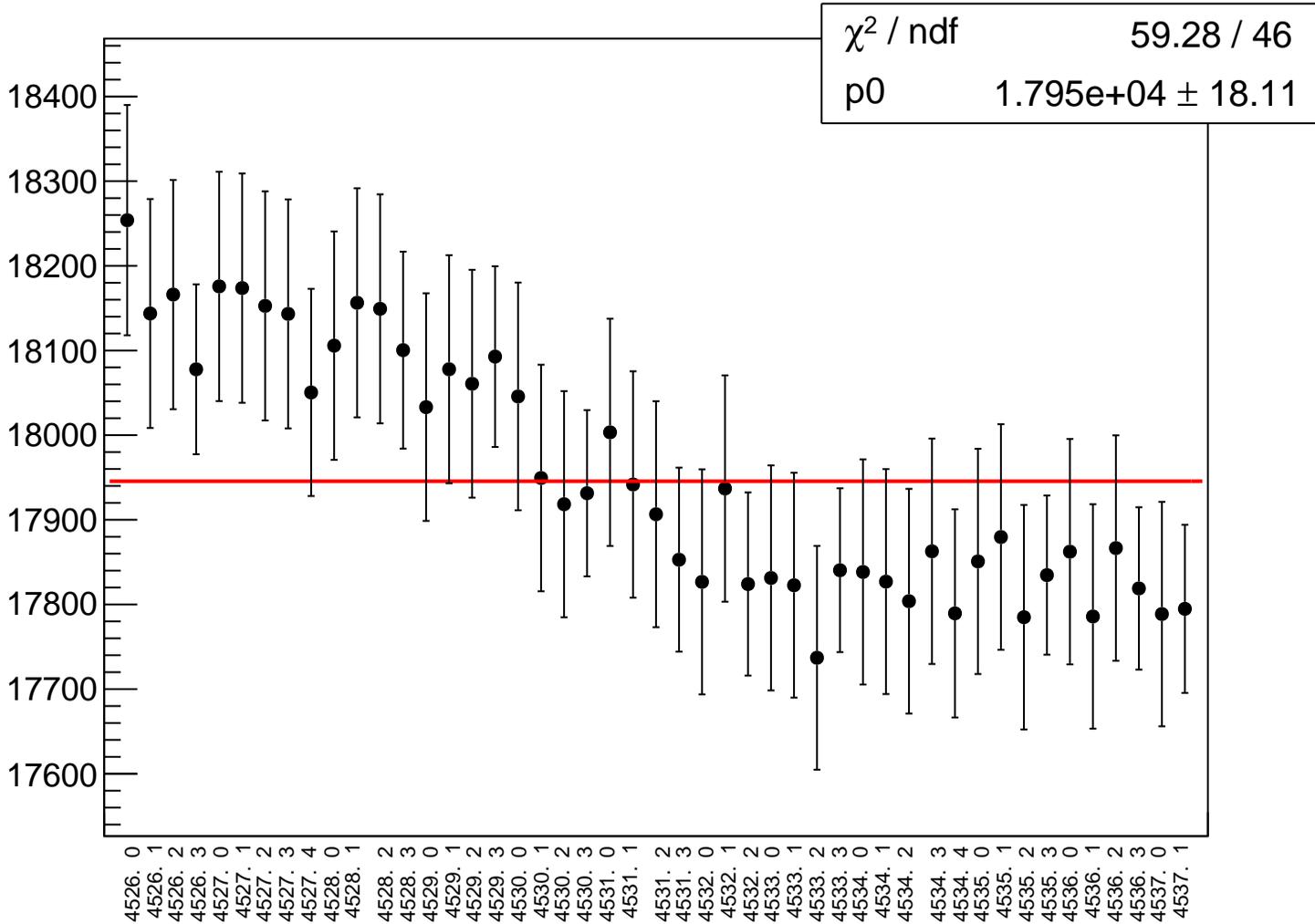
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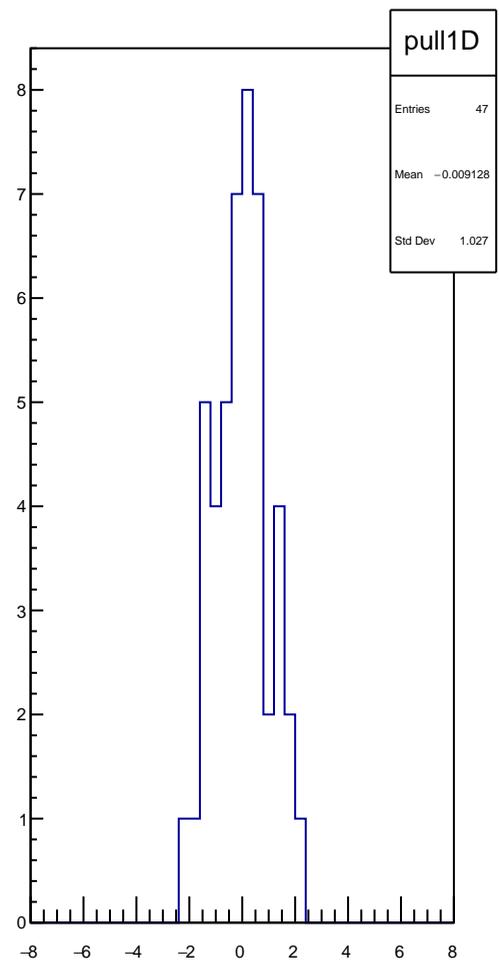
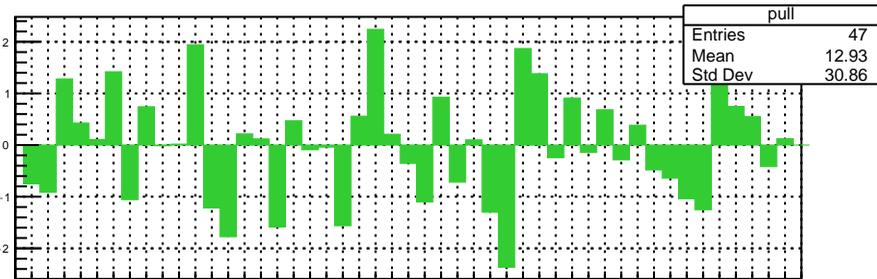
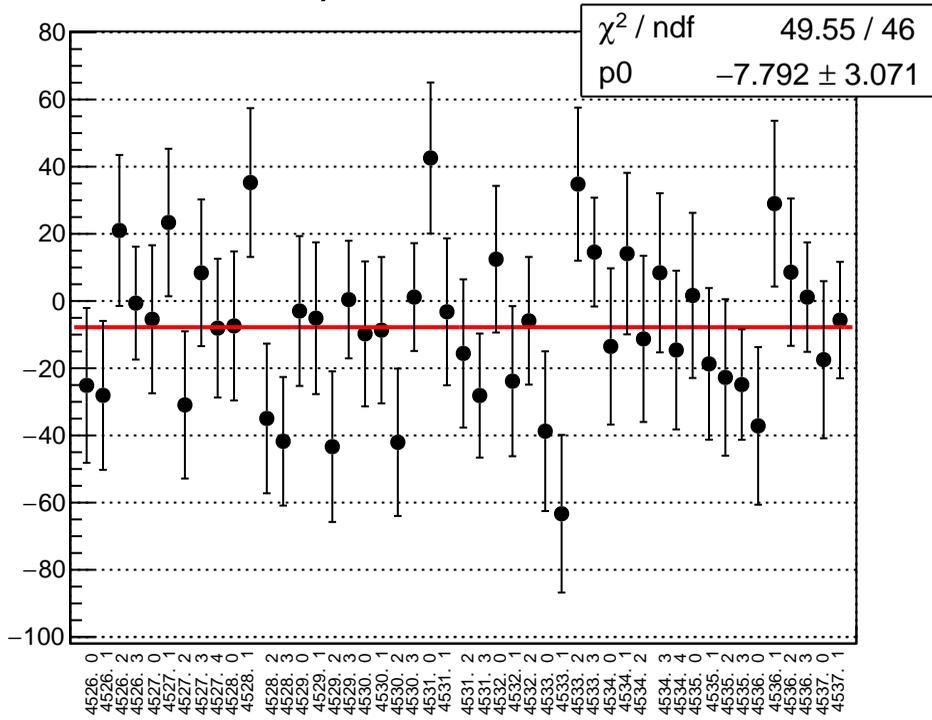
# diff\_bpm0I04X\_mean vs run



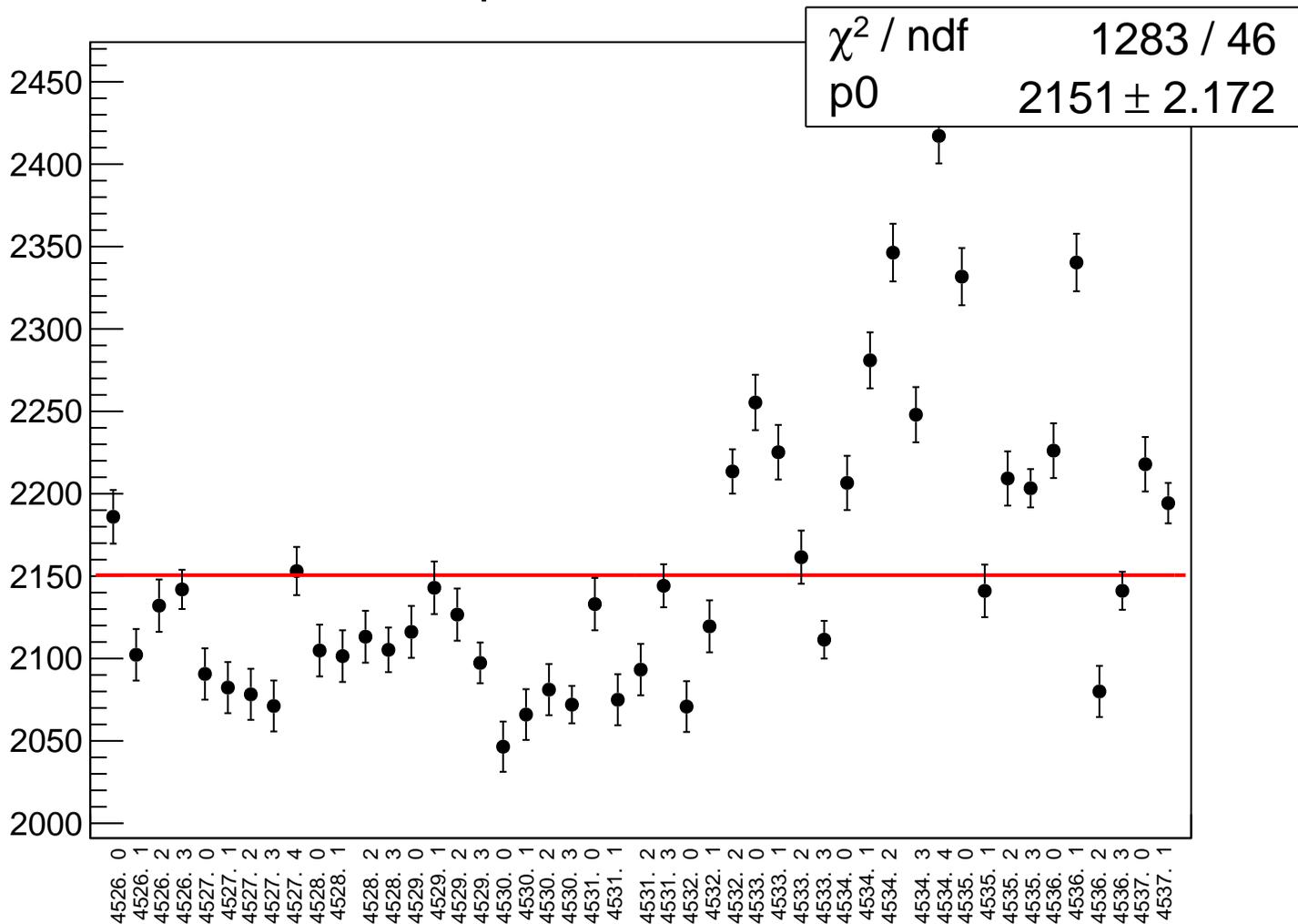
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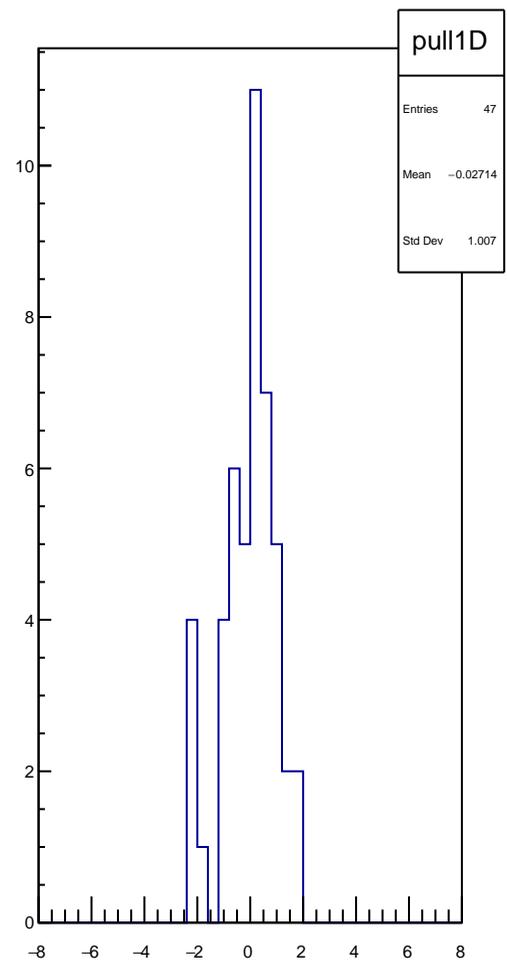
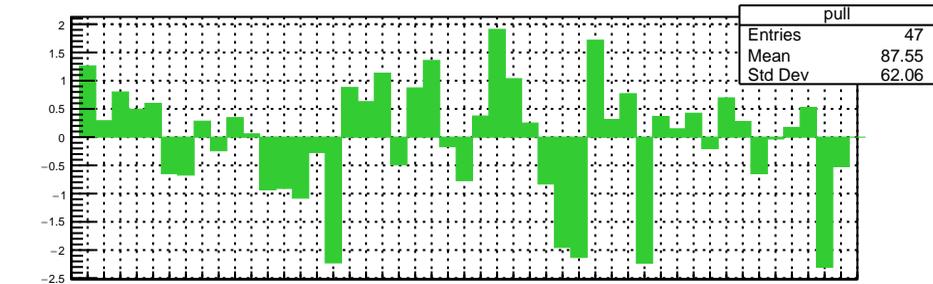
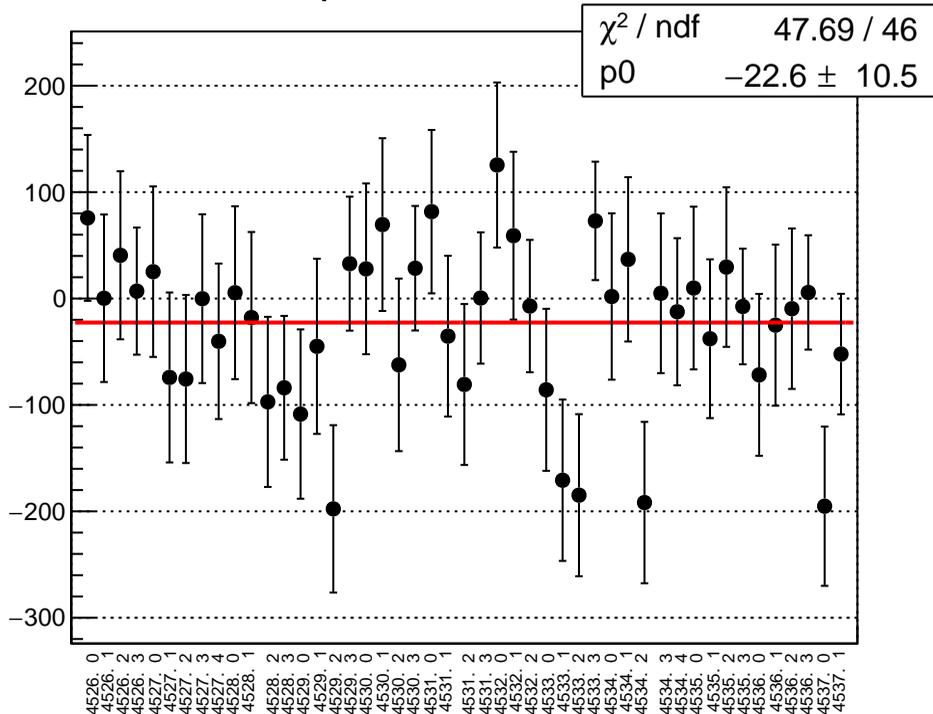
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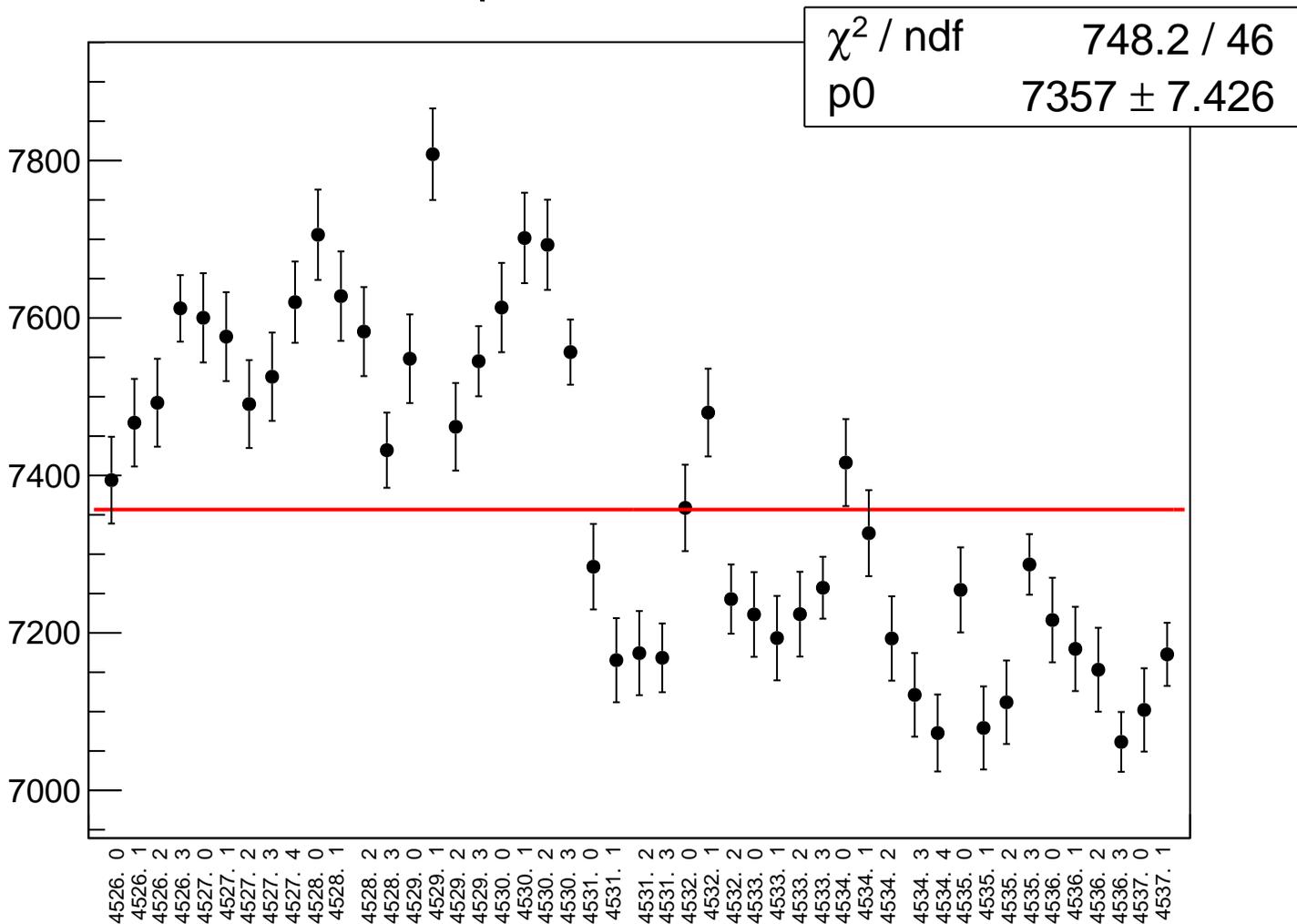
# diff\_bpm0l04Y\_rms vs run



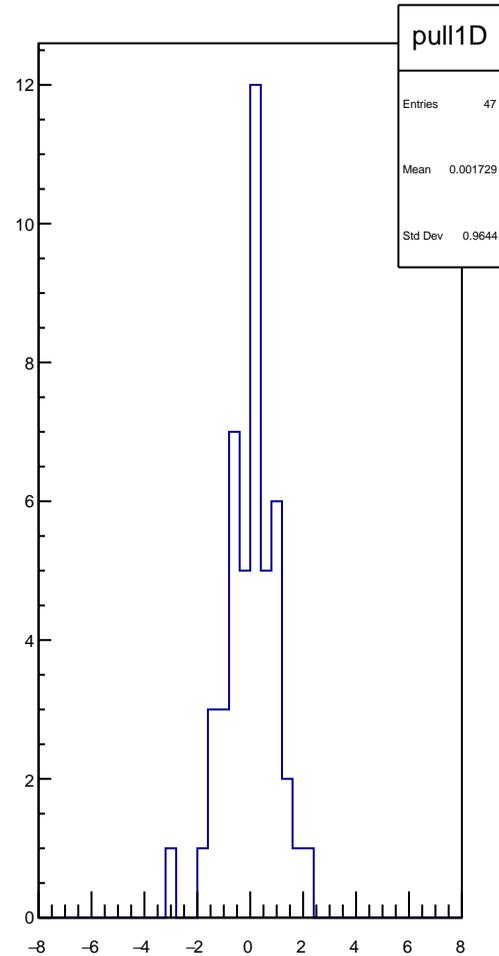
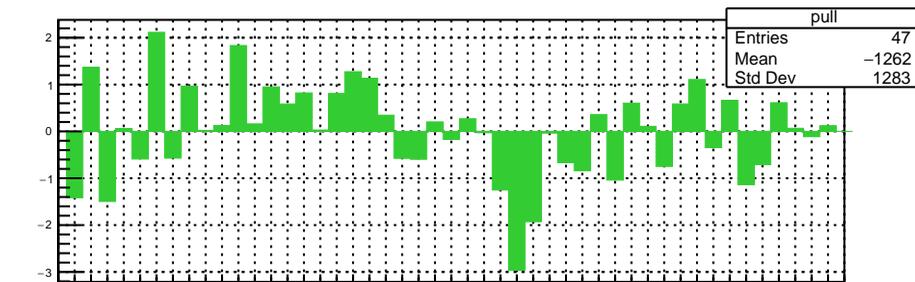
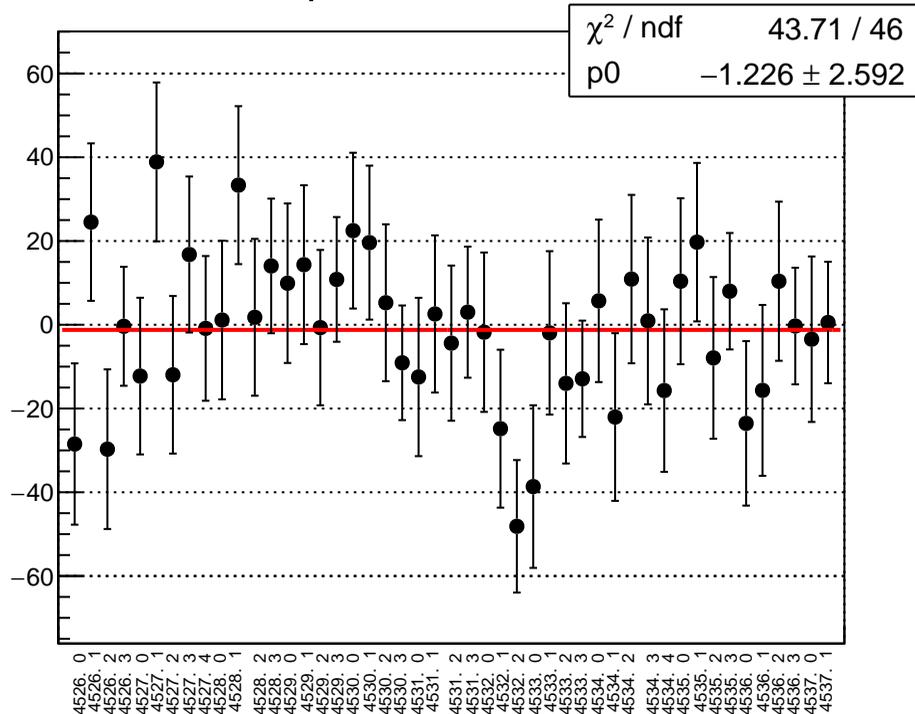
# diff\_bpm0I05X\_mean vs run



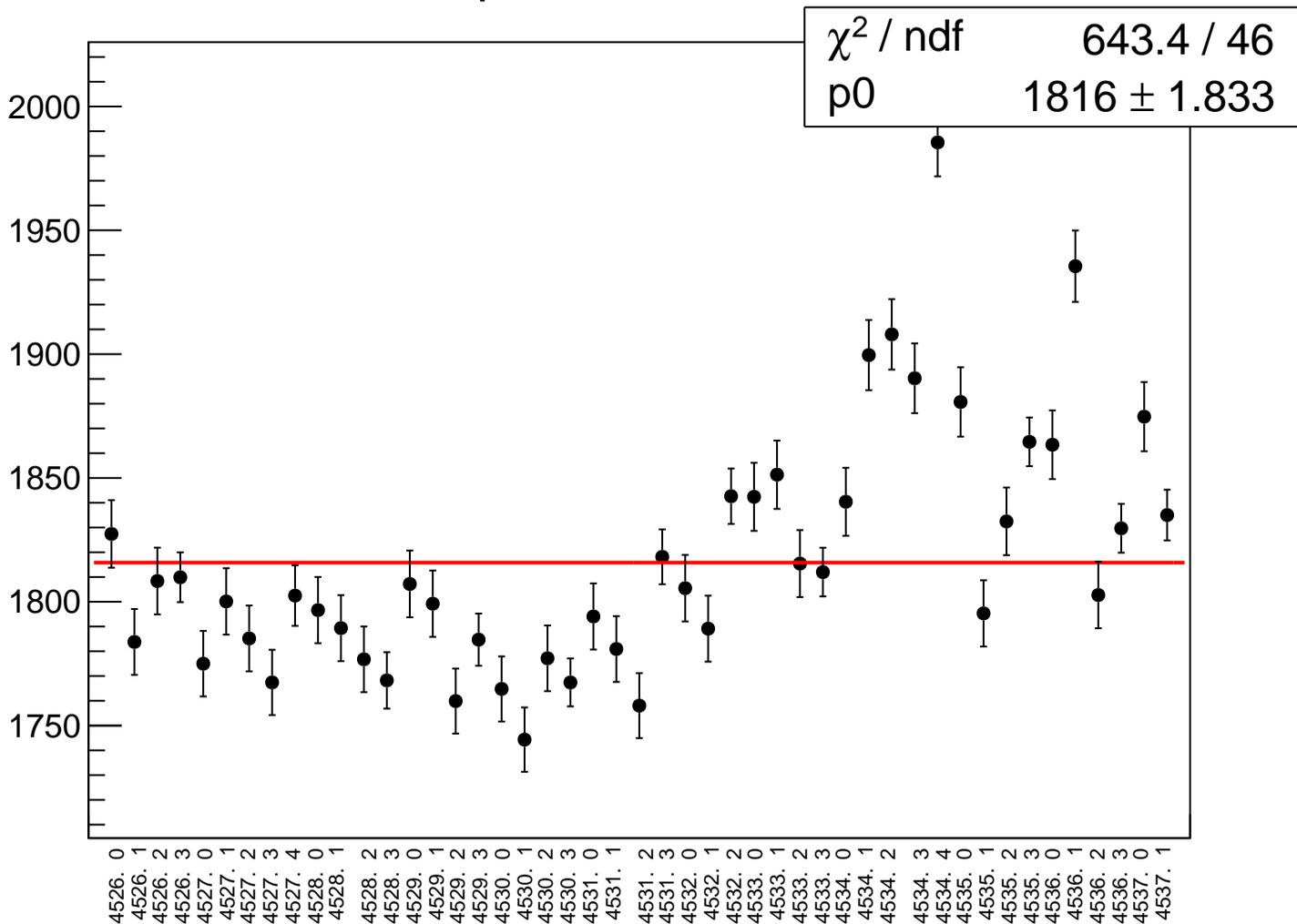
## diff\_bpm0l05X\_rms vs run



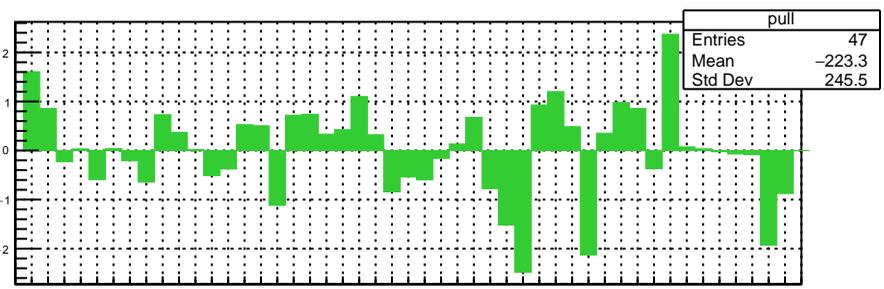
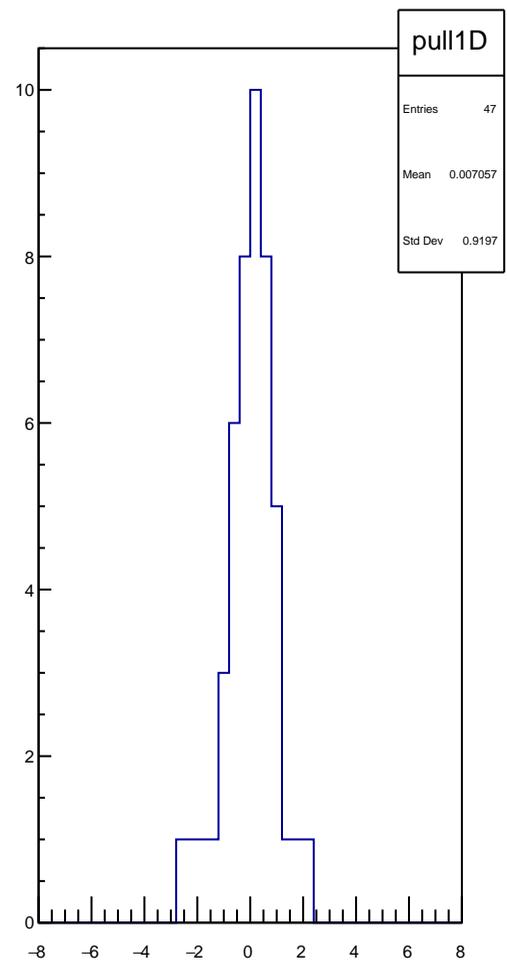
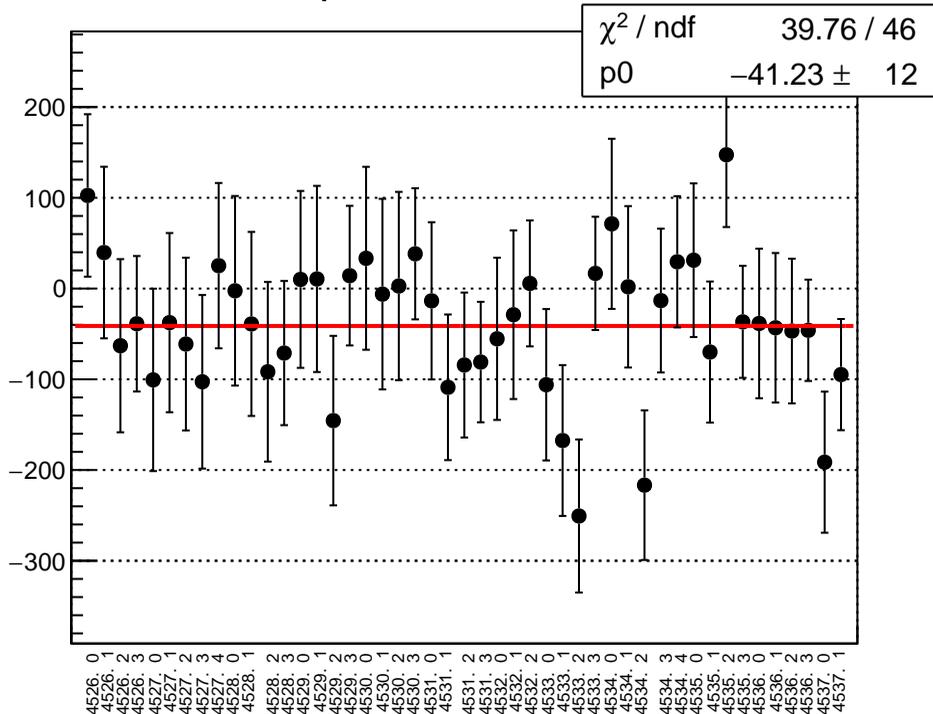
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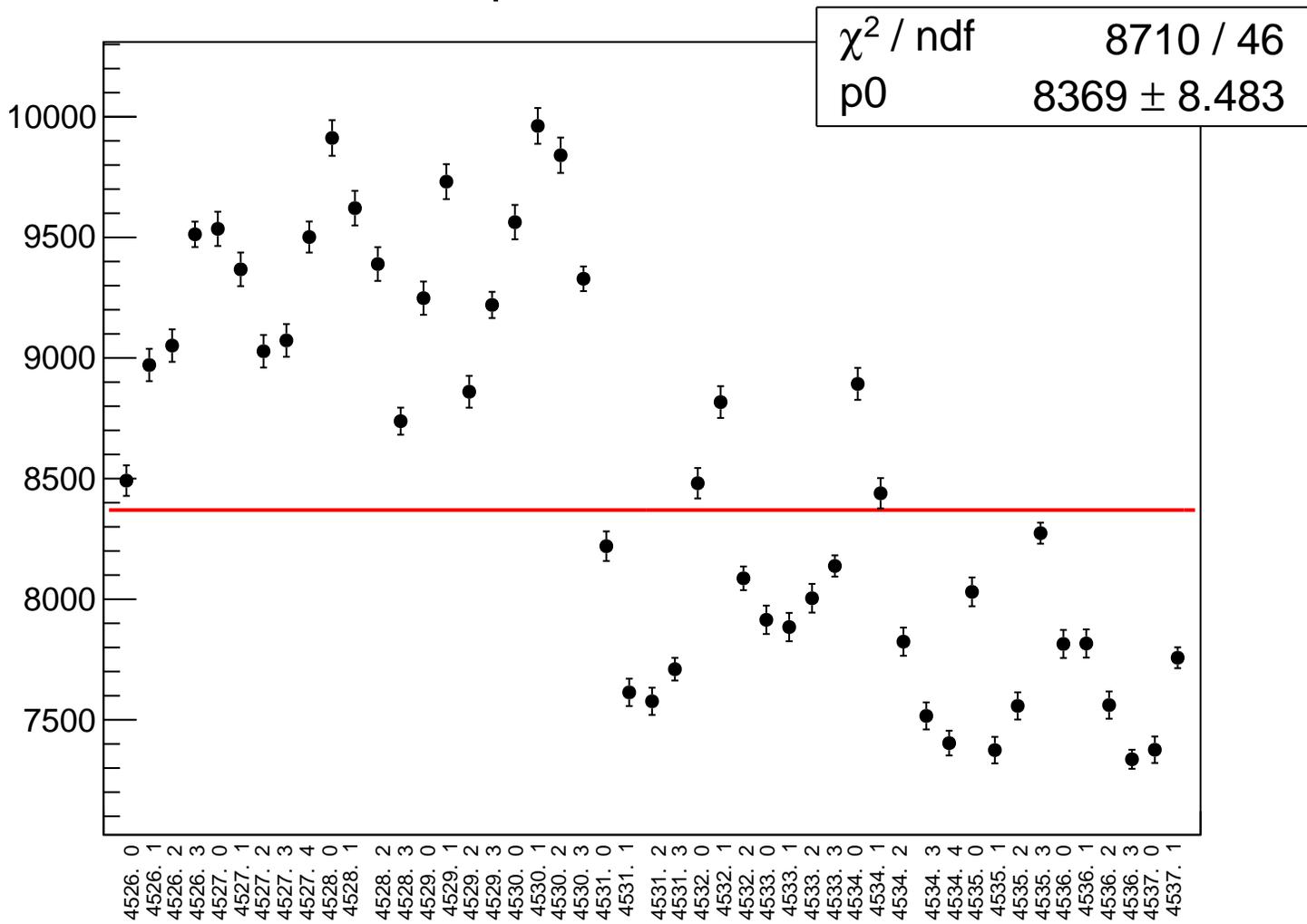
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# diff\_bpm0I06X\_mean vs run

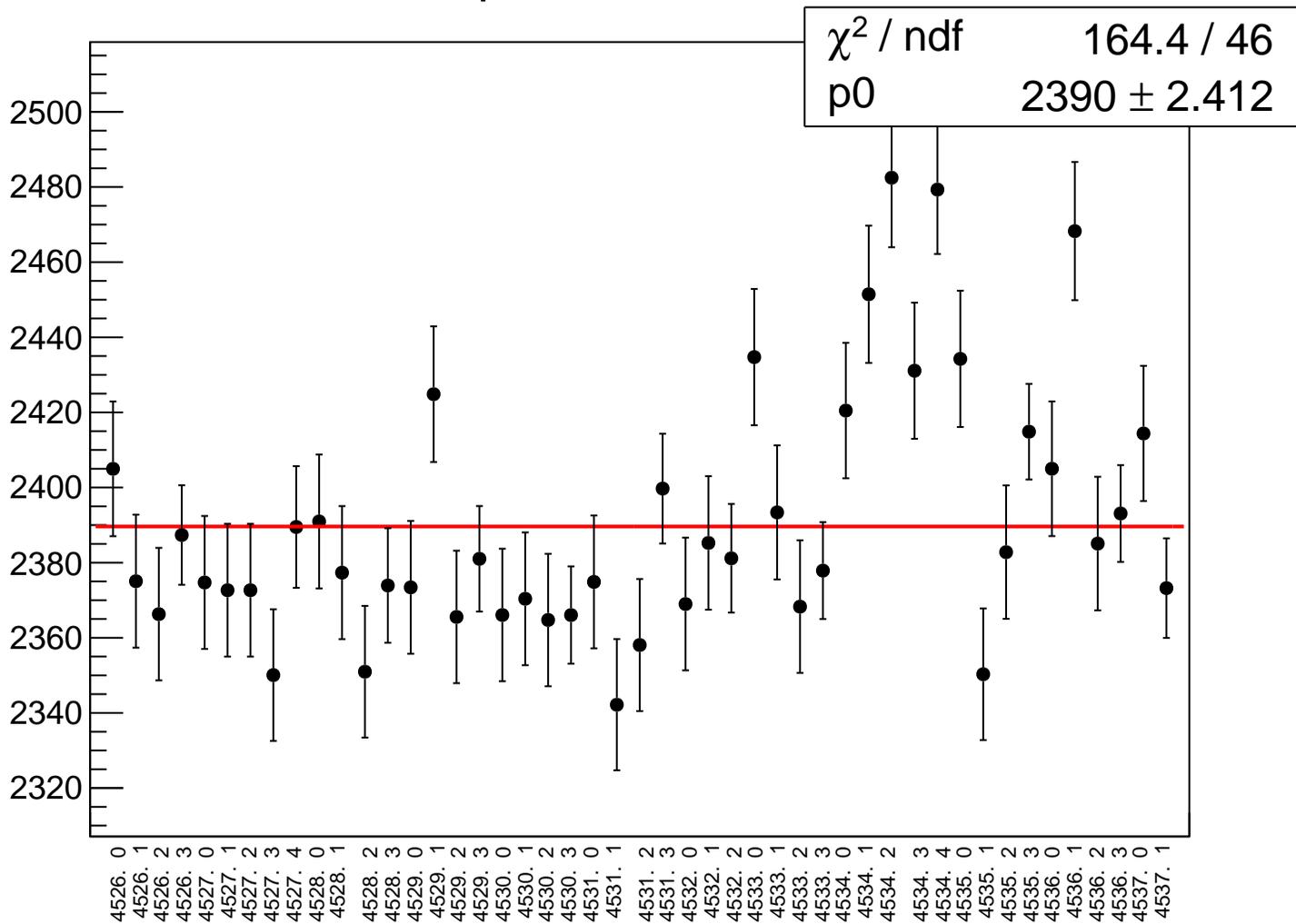


## diff\_bpm0l06X\_rms vs run

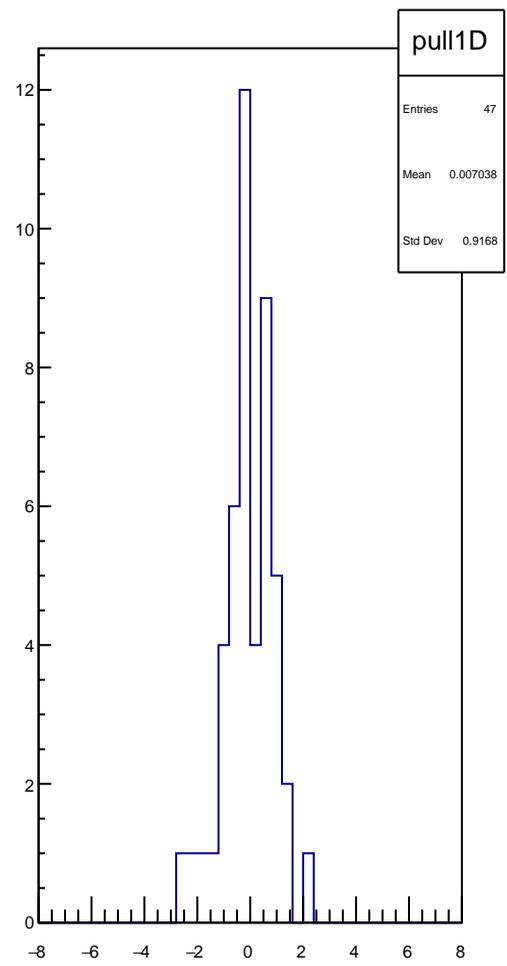
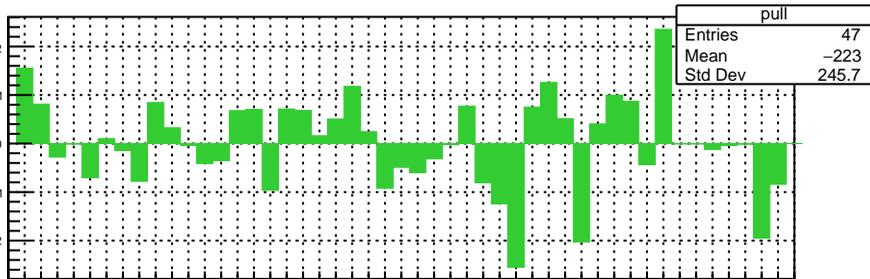
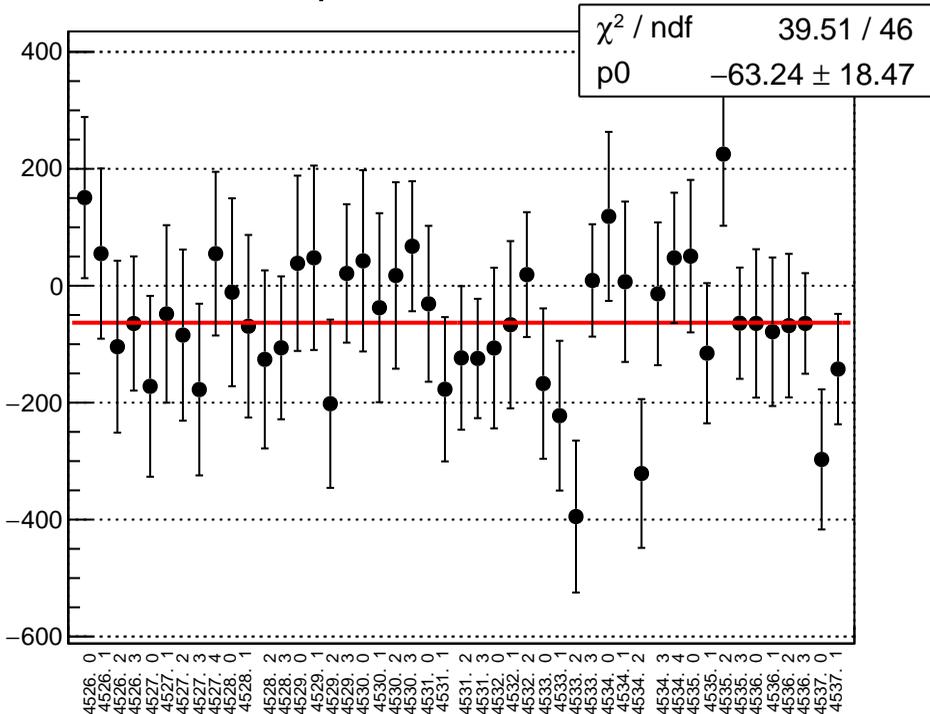




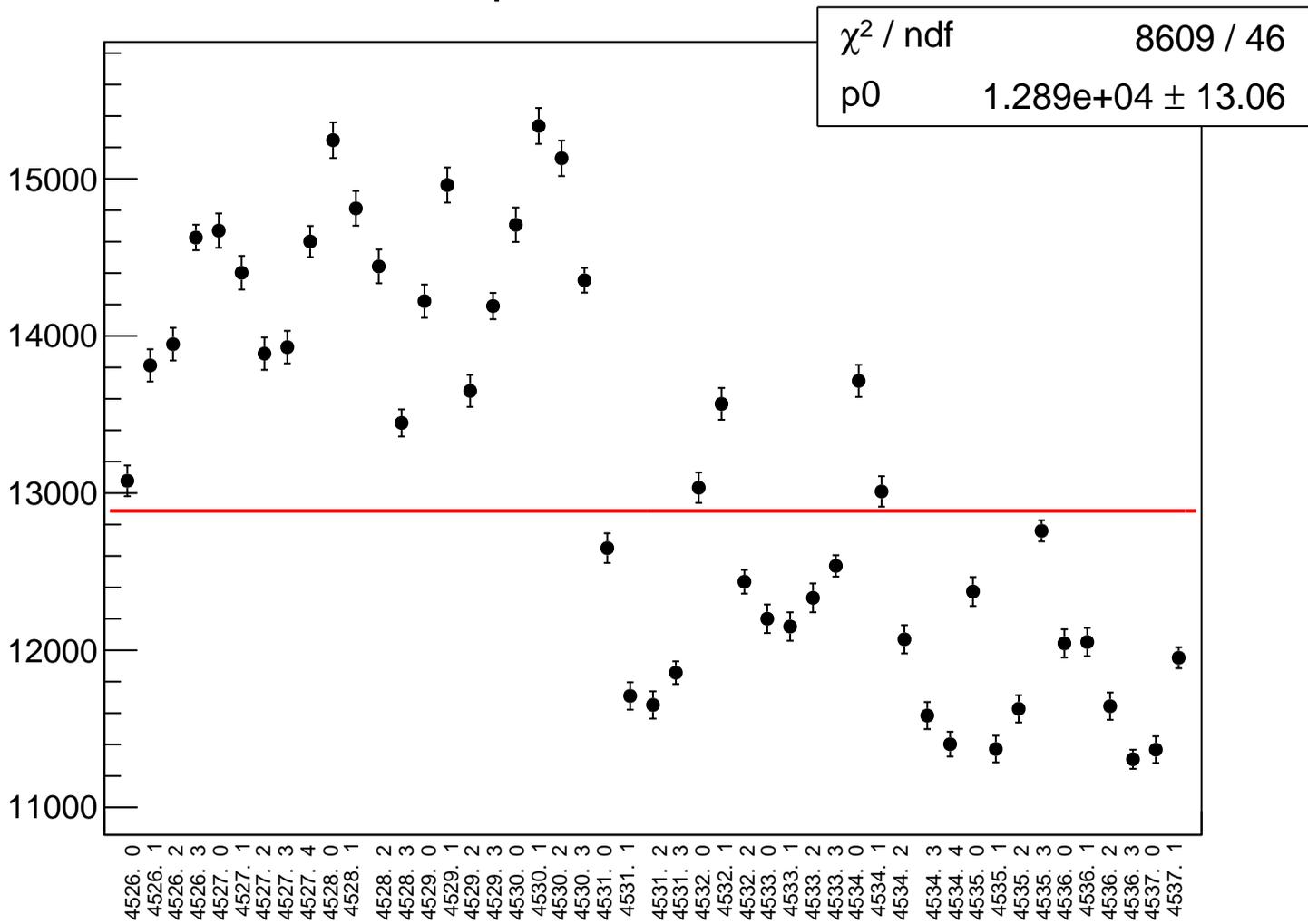
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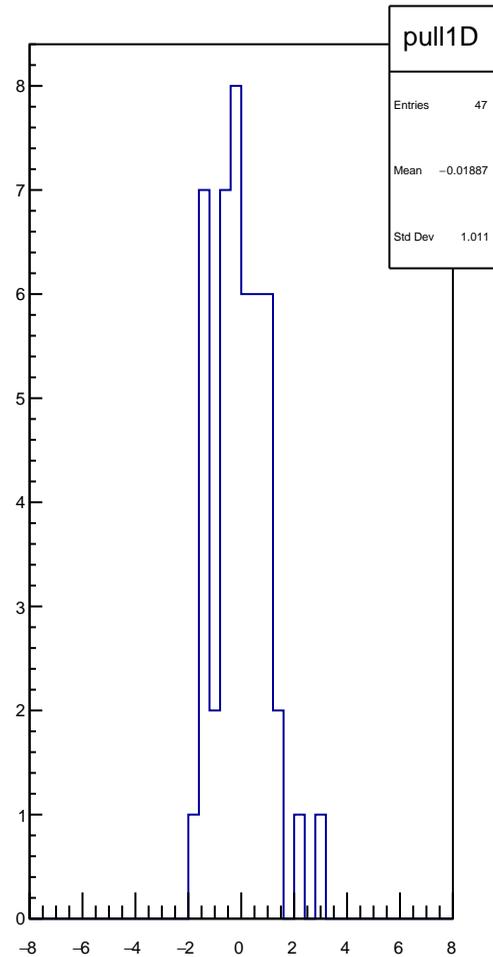
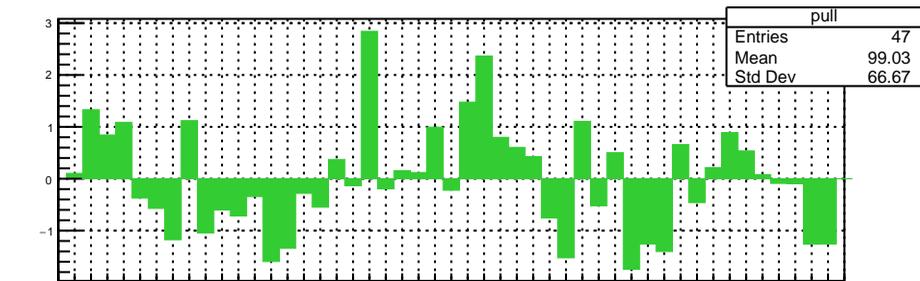
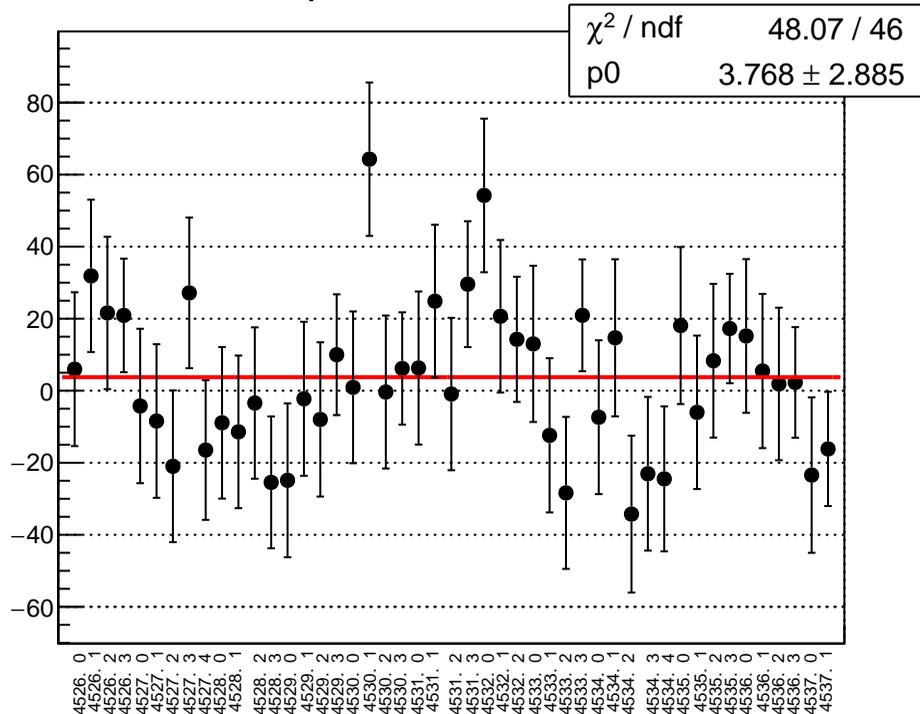
# diff\_bpm0107X\_mean vs run



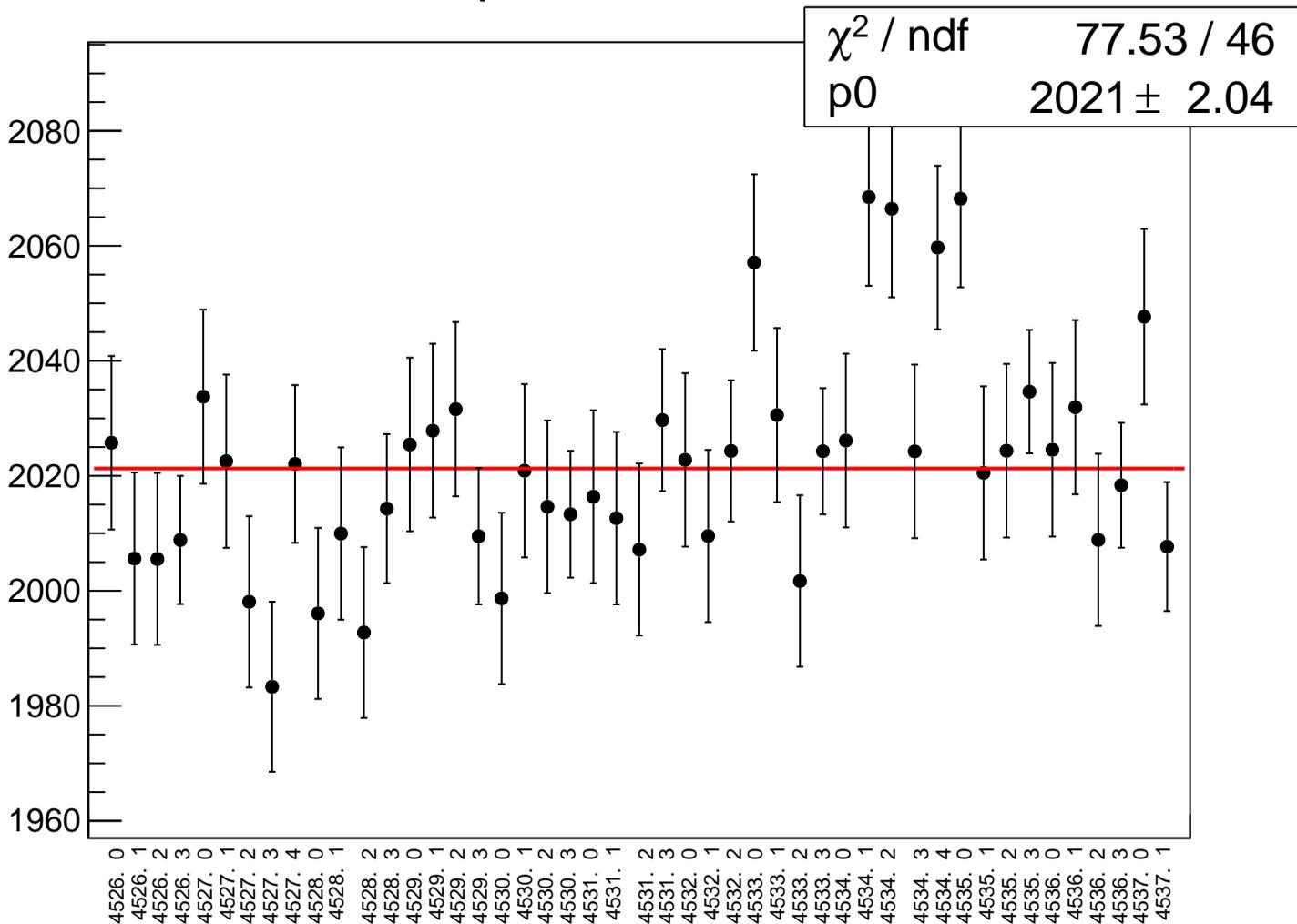
## diff\_bpm0l07X\_rms vs run



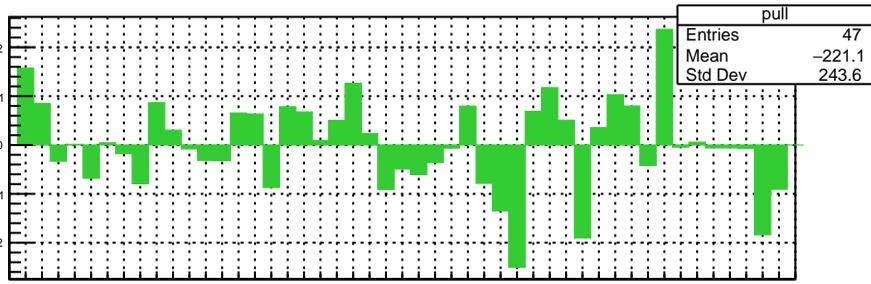
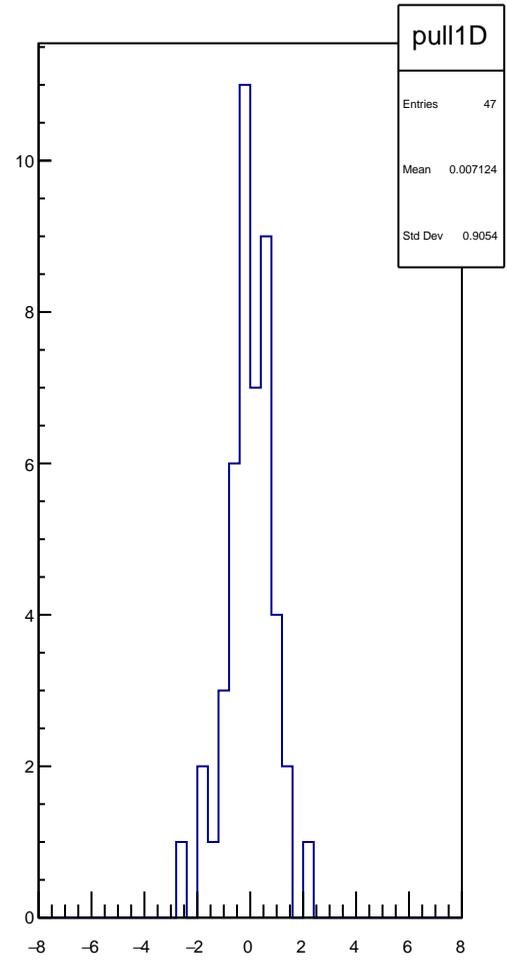
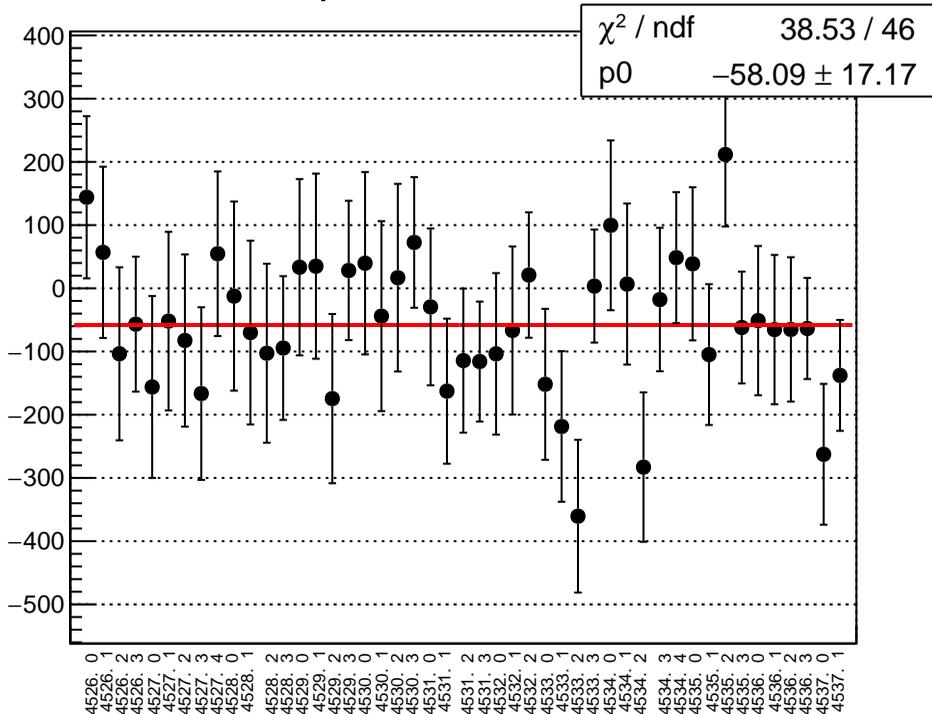
# diff\_bpm0107Y\_mean vs run



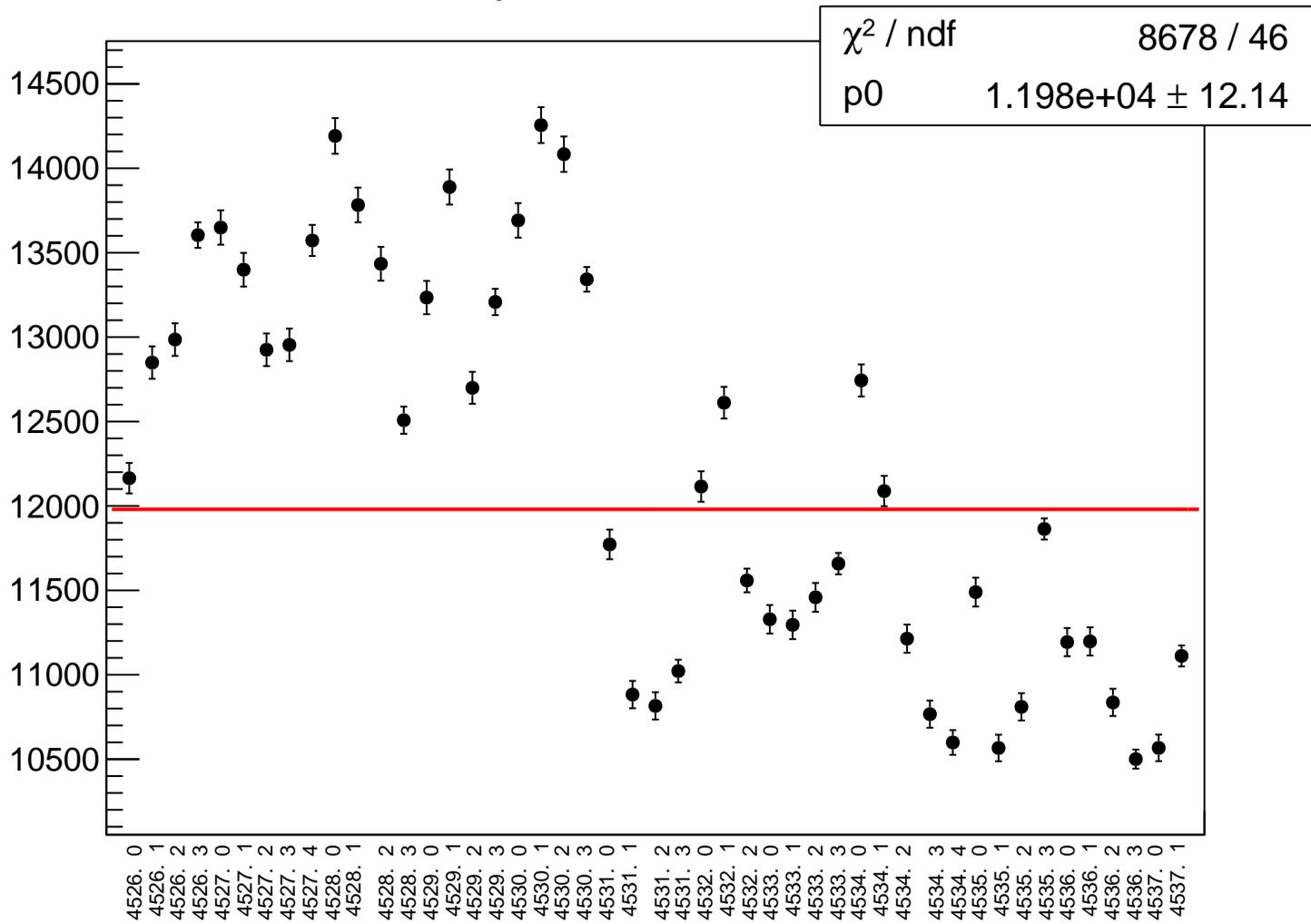
# diff\_bpm0l07Y\_rms vs run



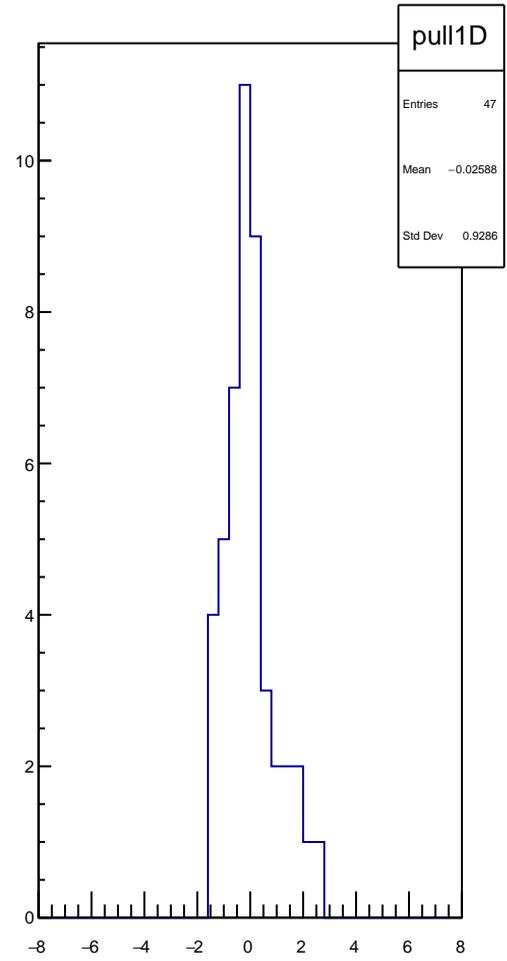
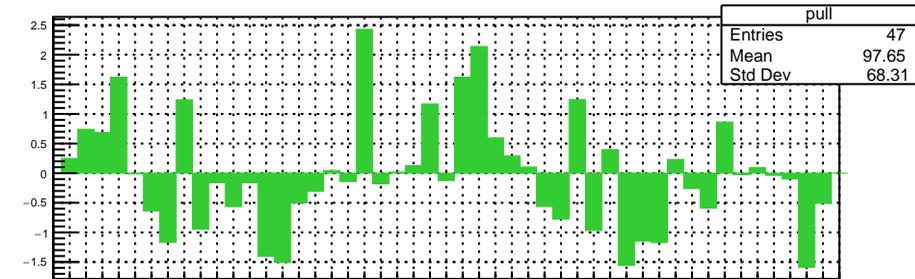
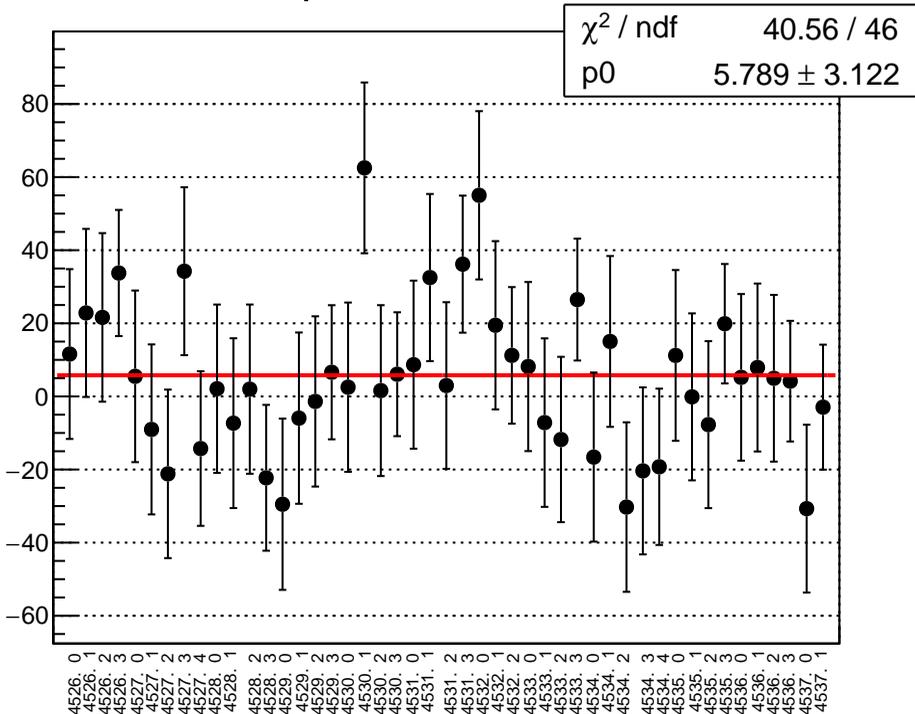
# diff\_bpm0l08X\_mean vs run



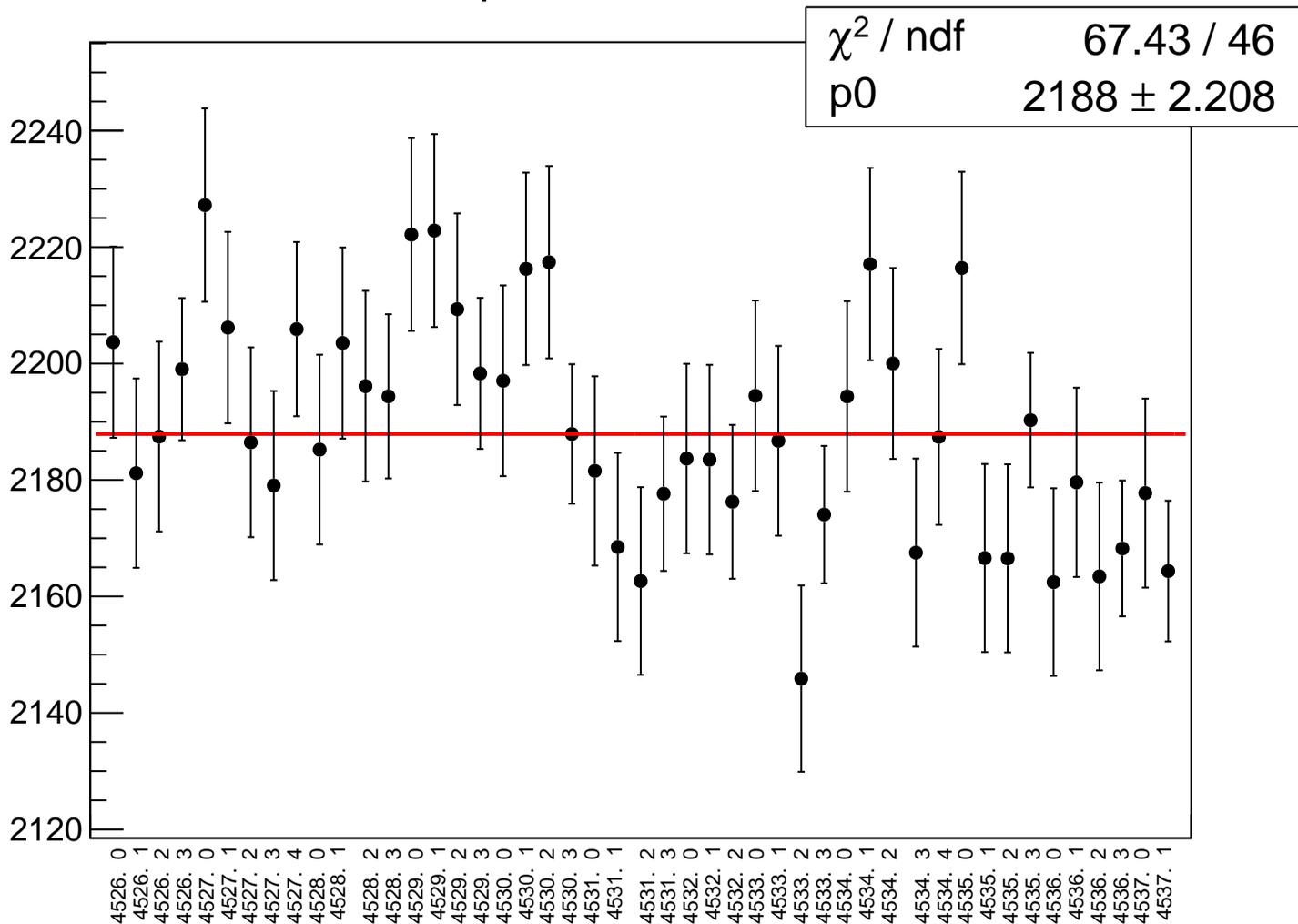
## diff\_bpm0l08X\_rms vs run



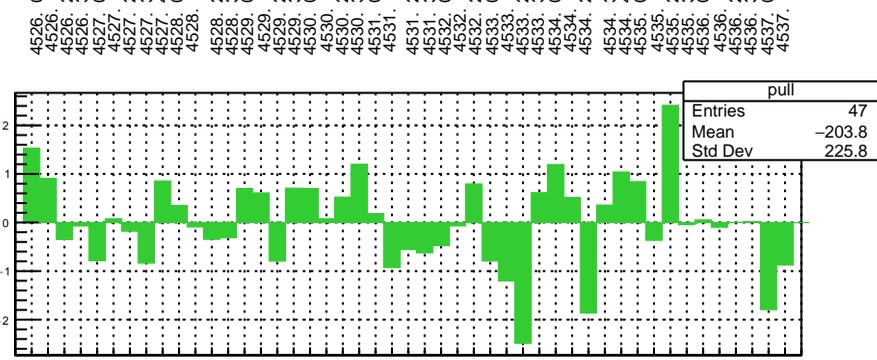
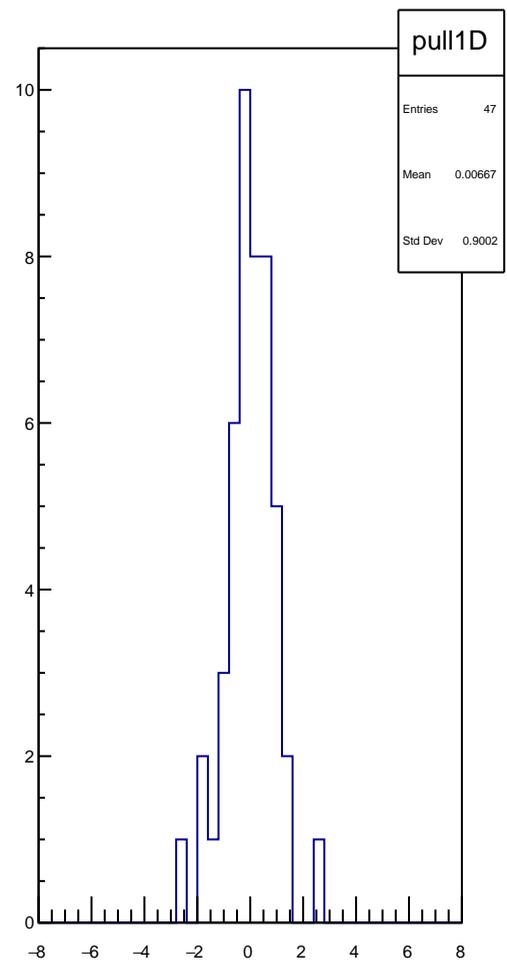
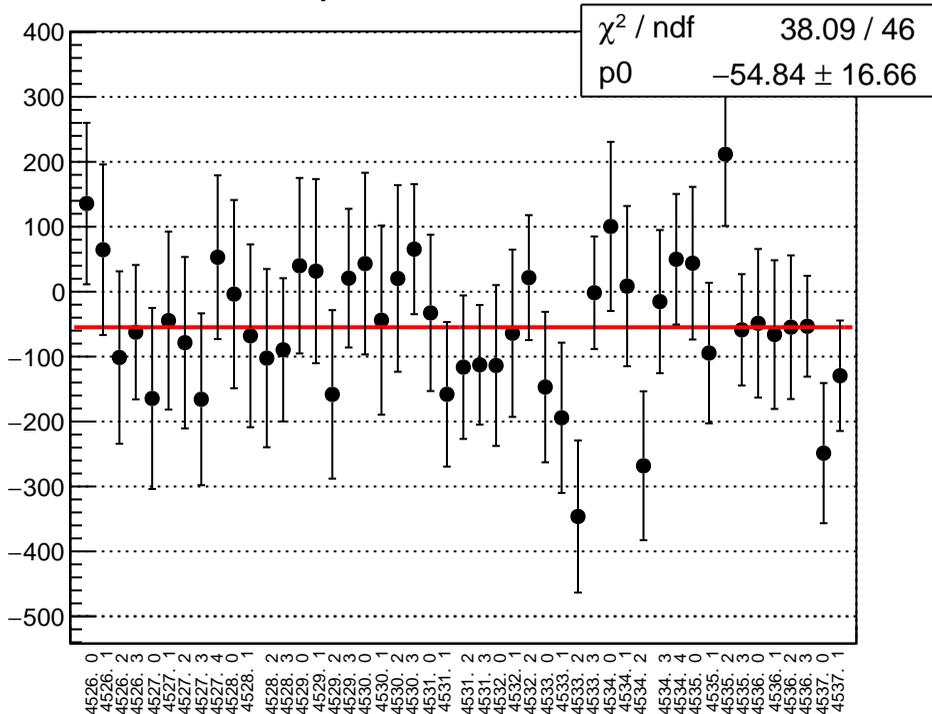
# diff\_bpm0I08Y\_mean vs run



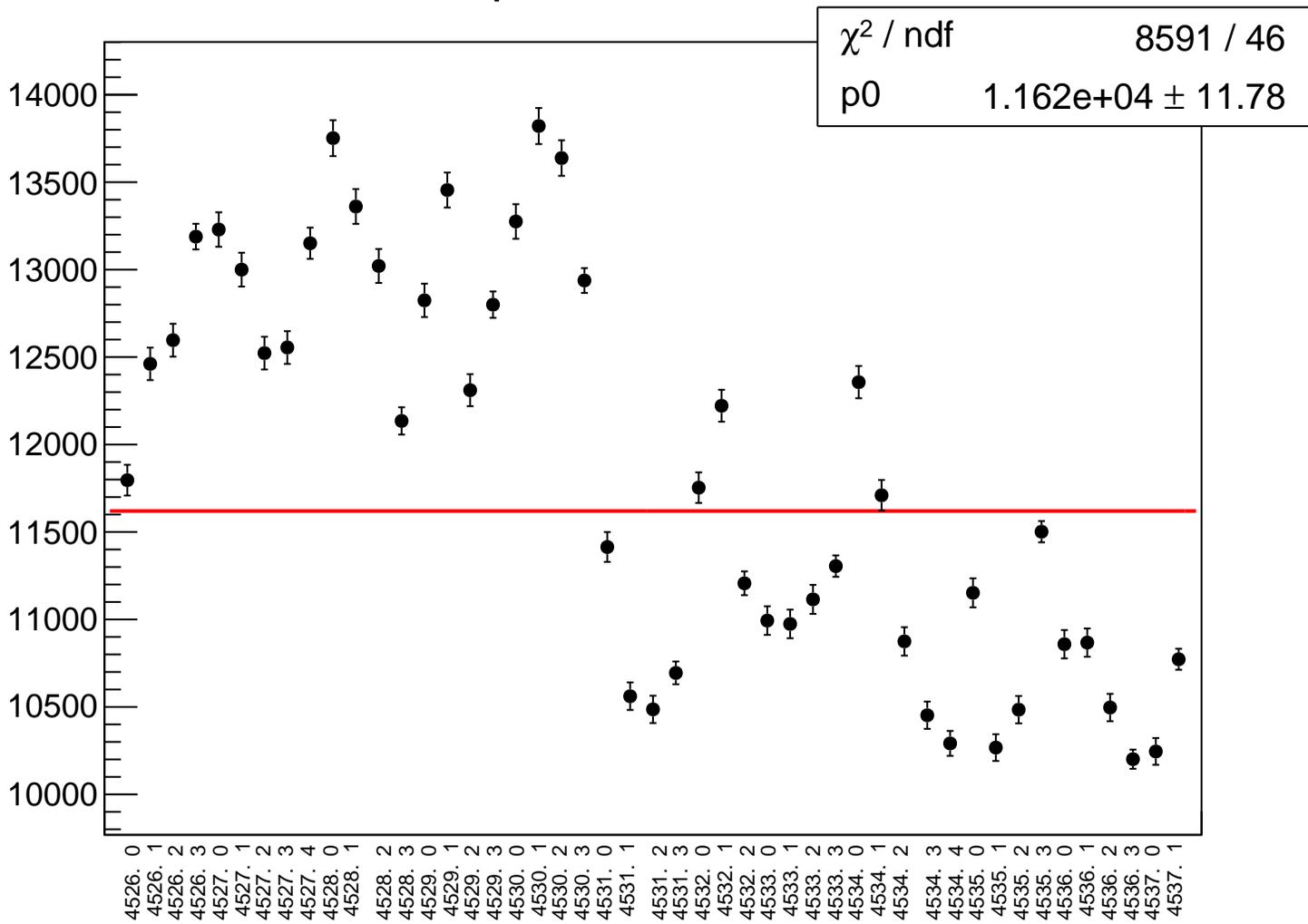
# diff\_bpm0l08Y\_rms vs run



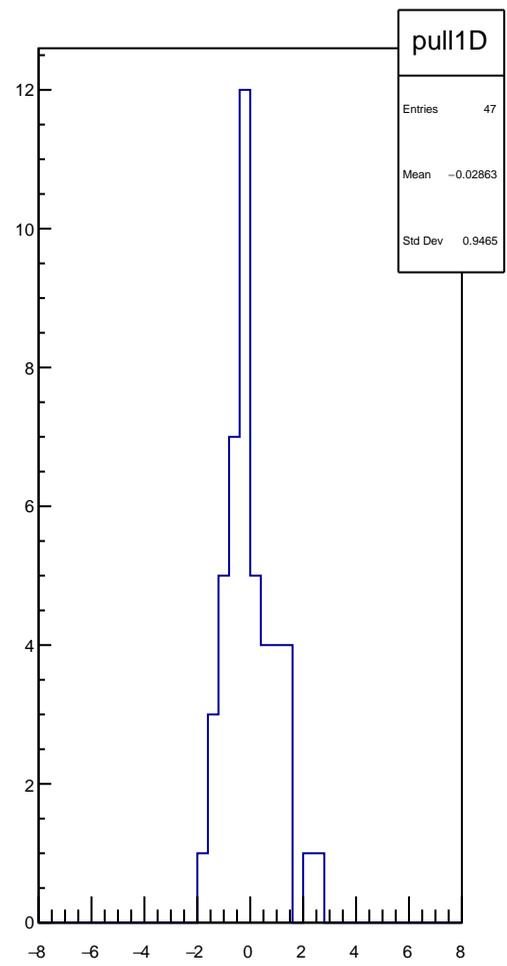
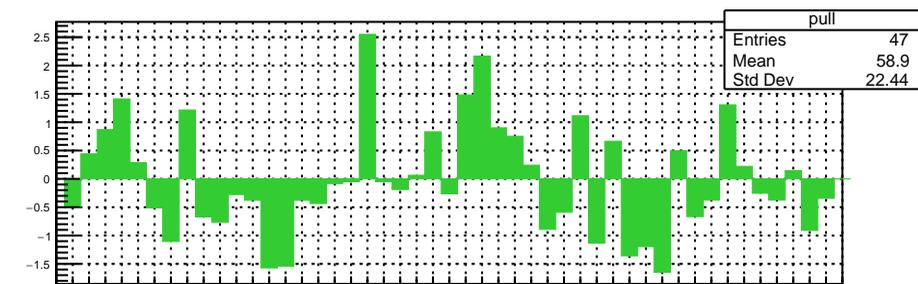
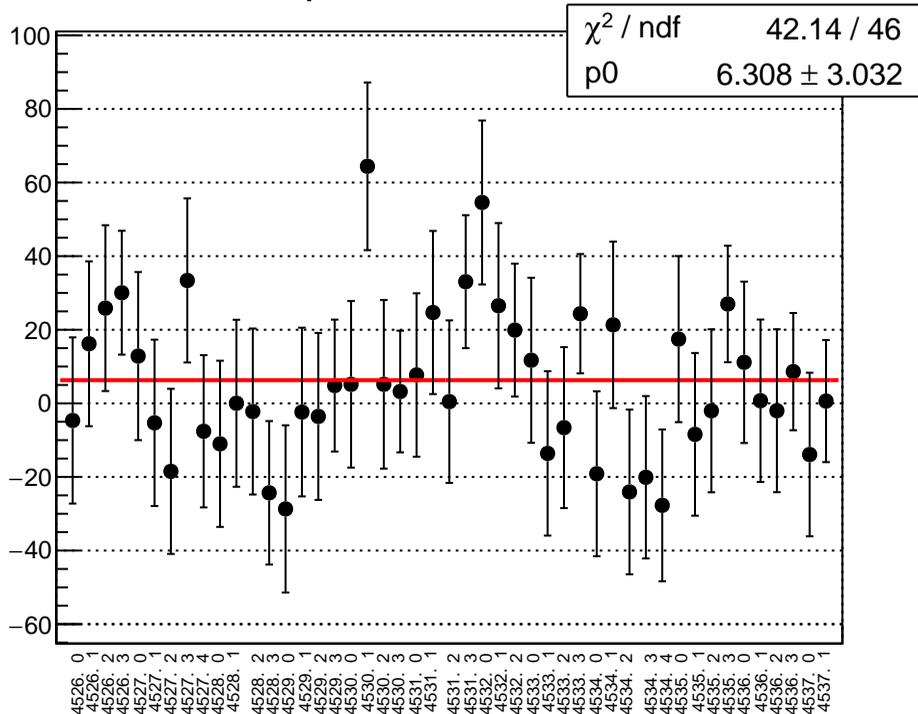
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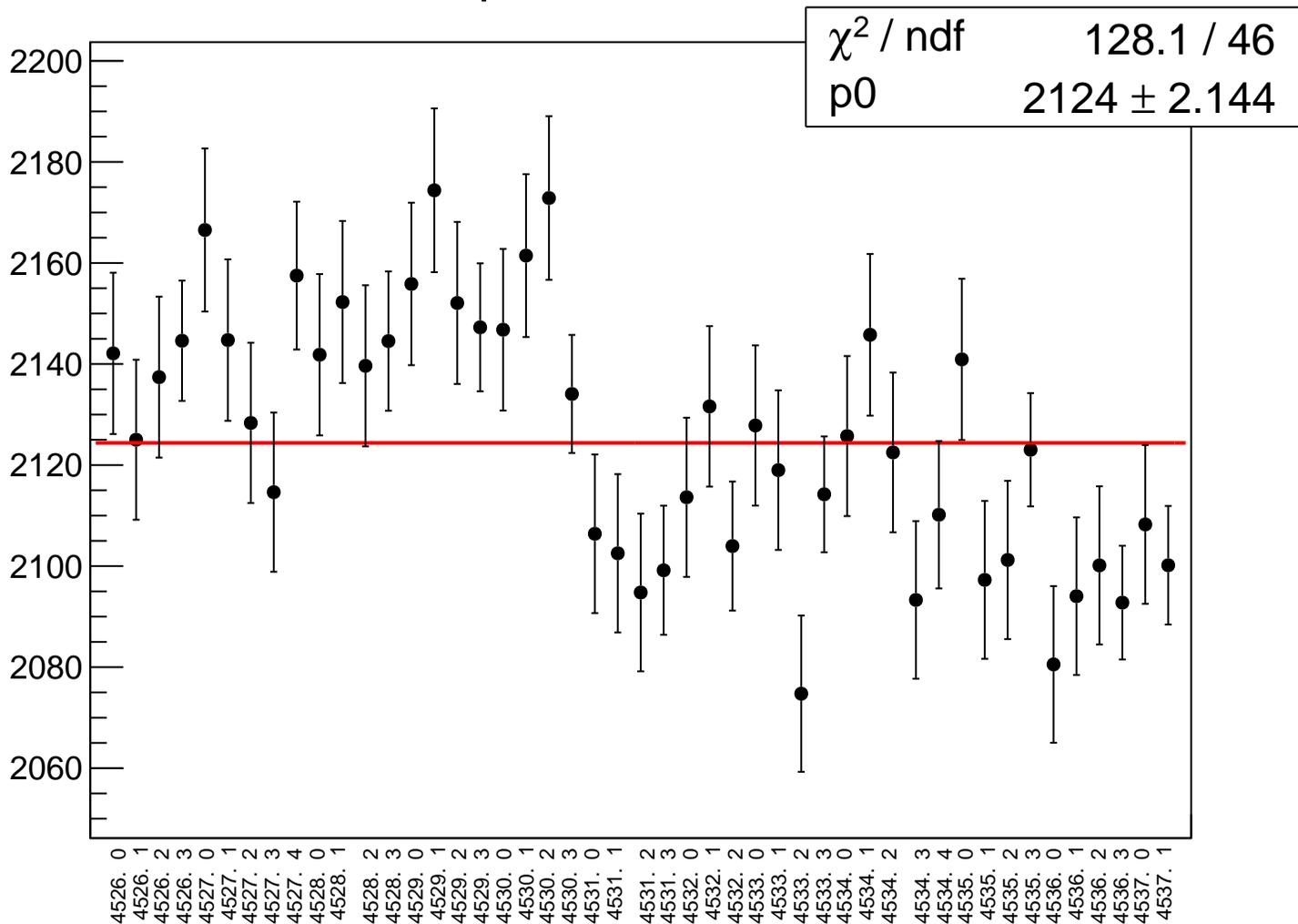
## diff\_bpm0l09X\_rms vs run



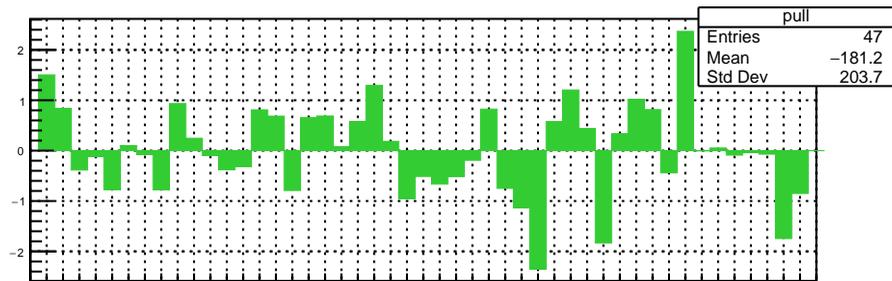
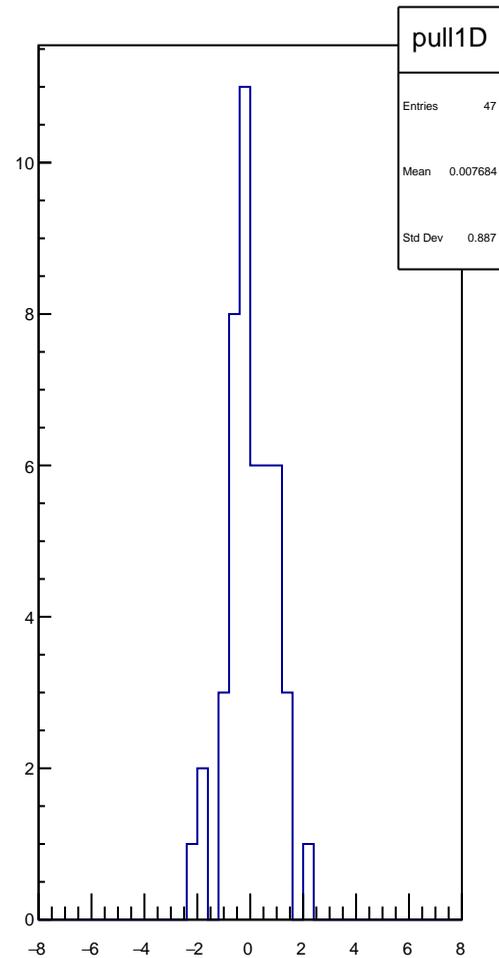
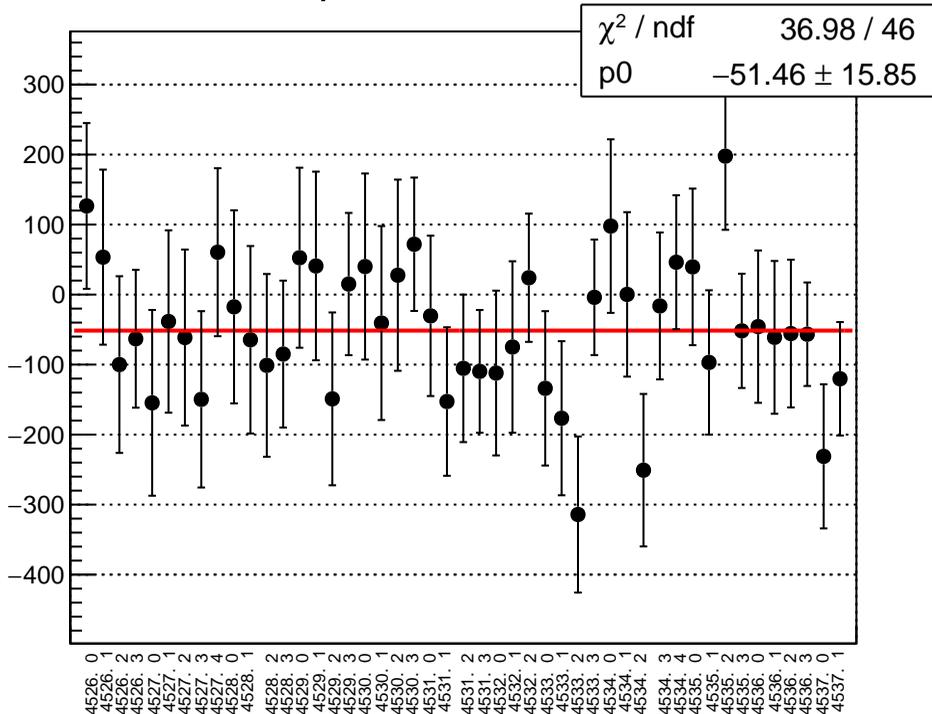
# diff\_bpm0109Y\_mean vs run



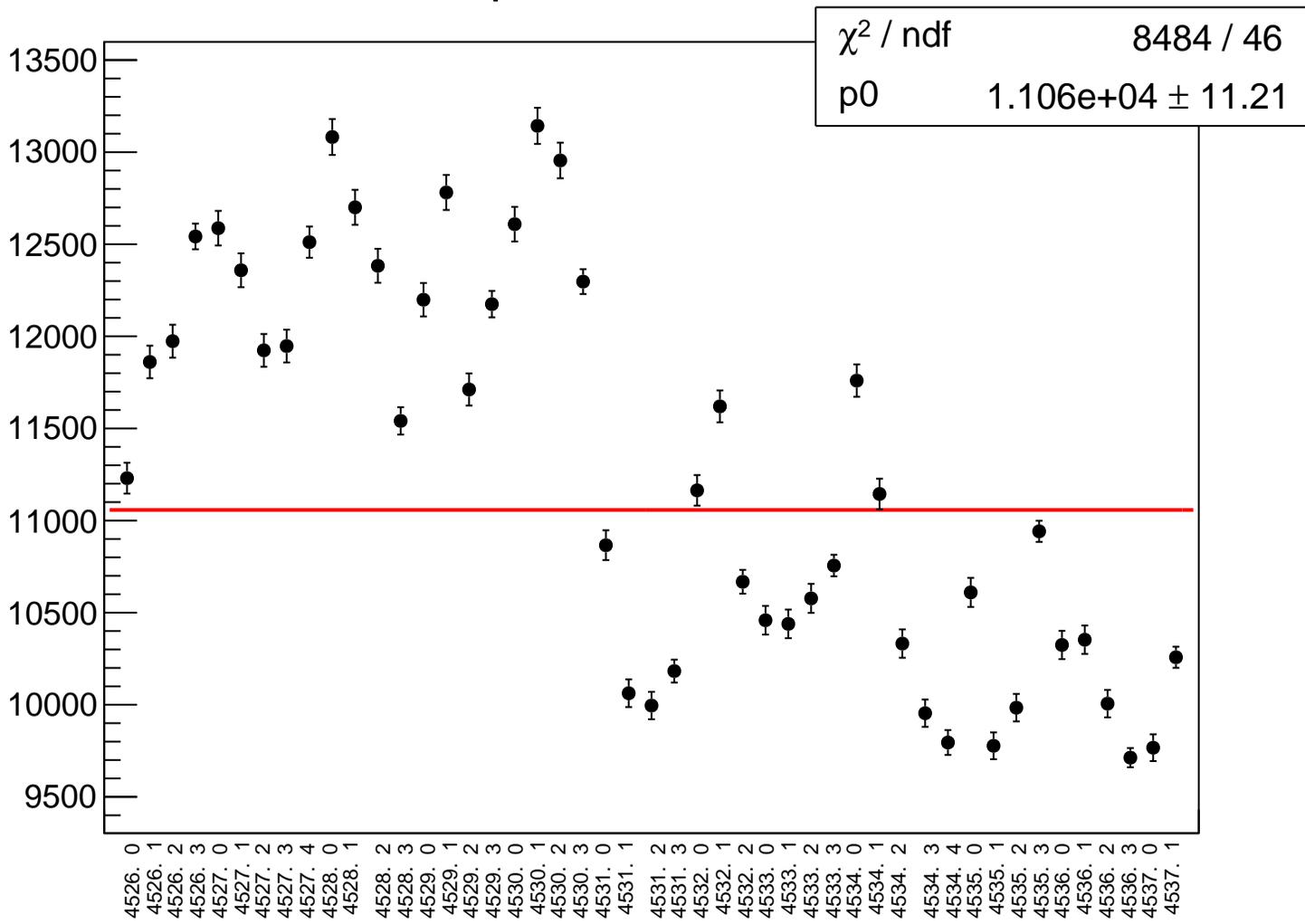
## diff\_bpm0l09Y\_rms vs run



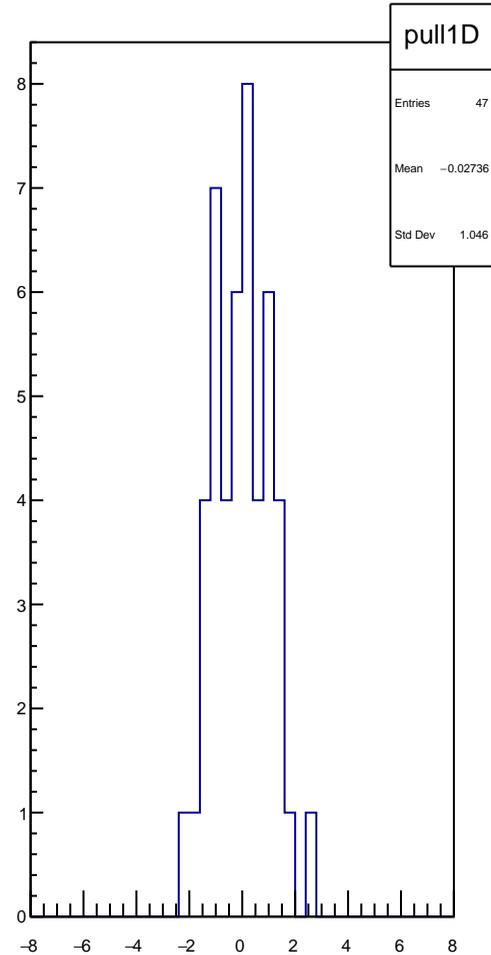
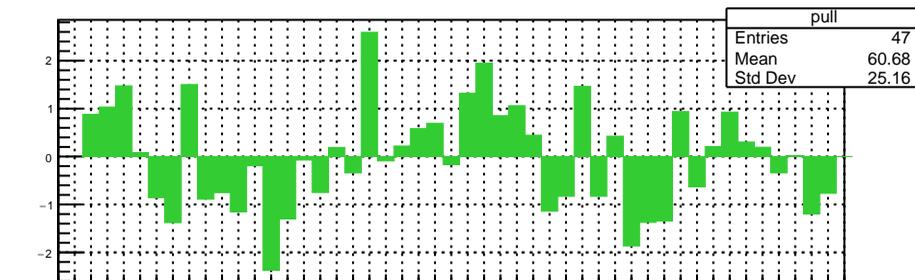
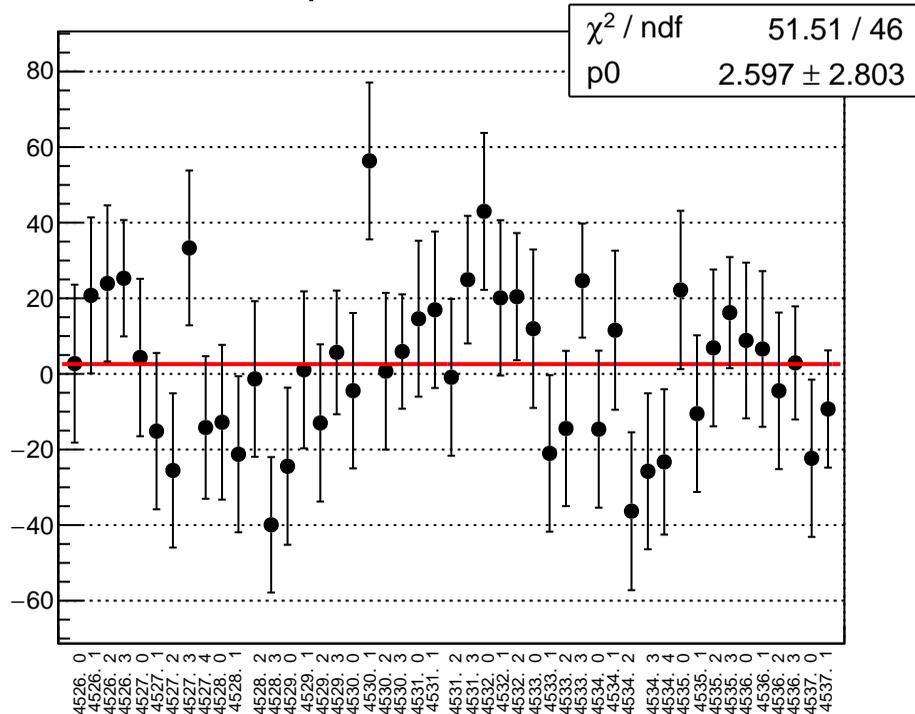
# diff\_bpm0110X\_mean vs run



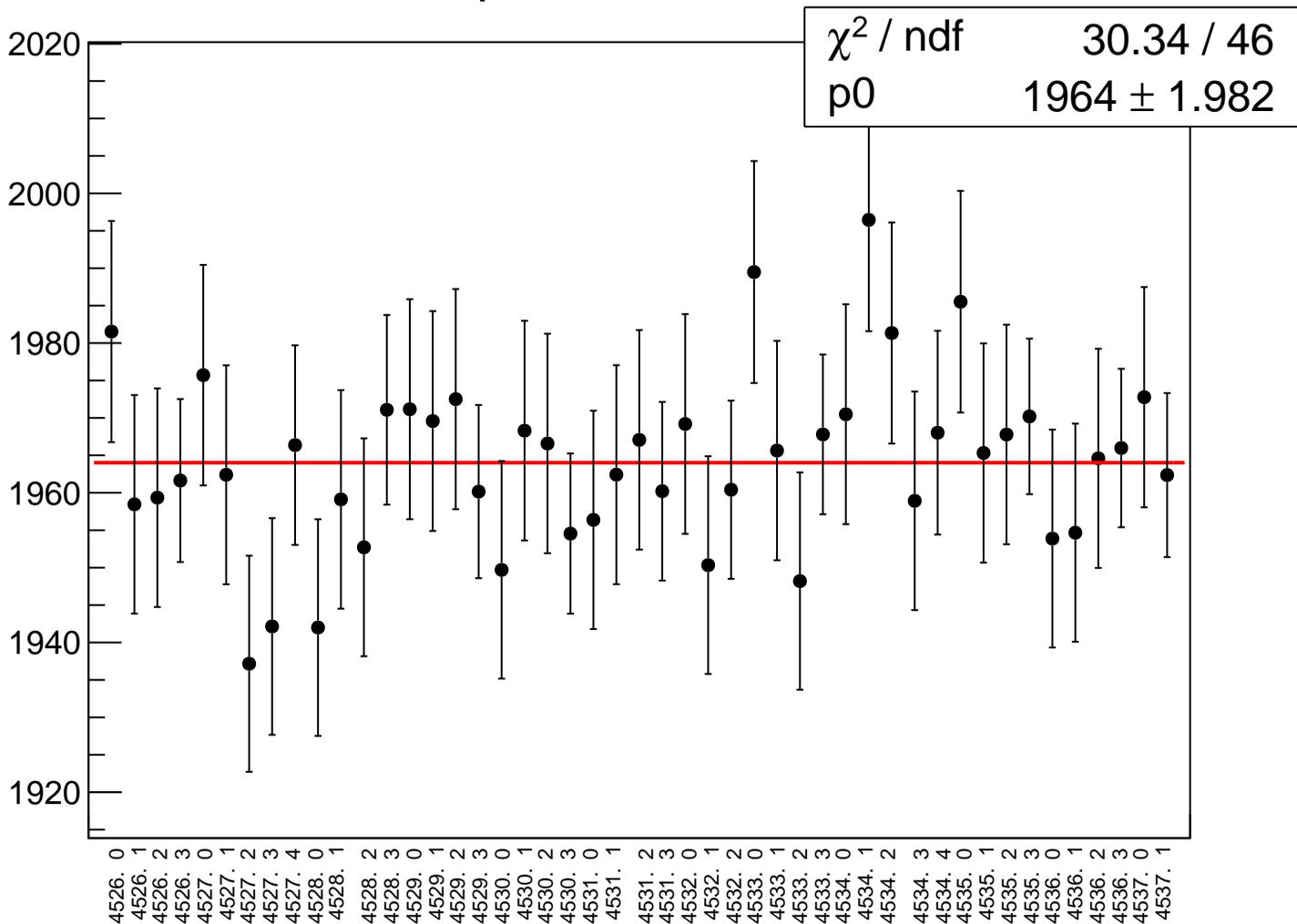
## diff\_bpm0110X\_rms vs run



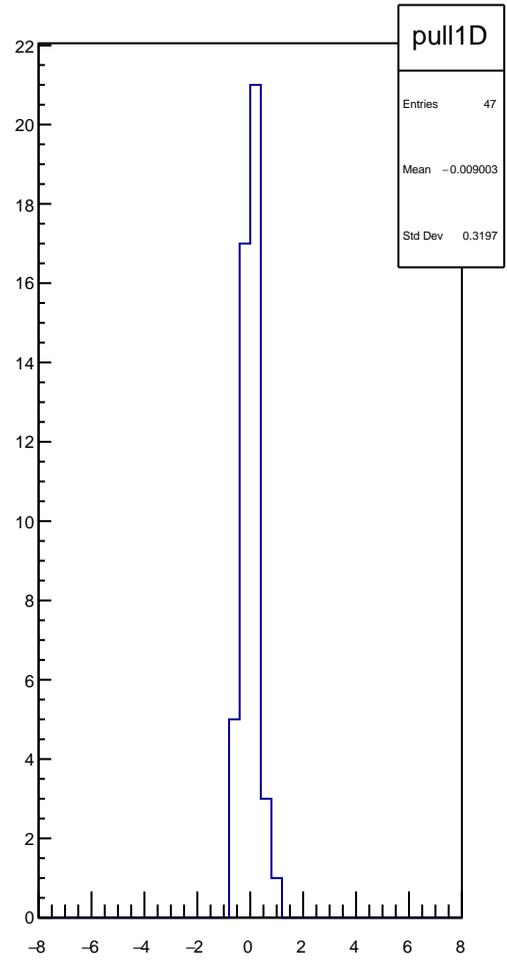
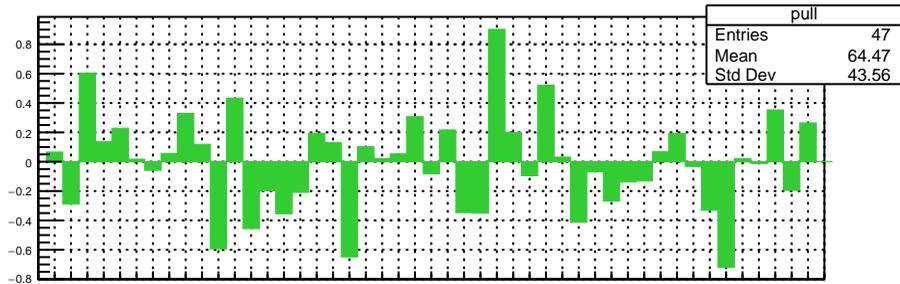
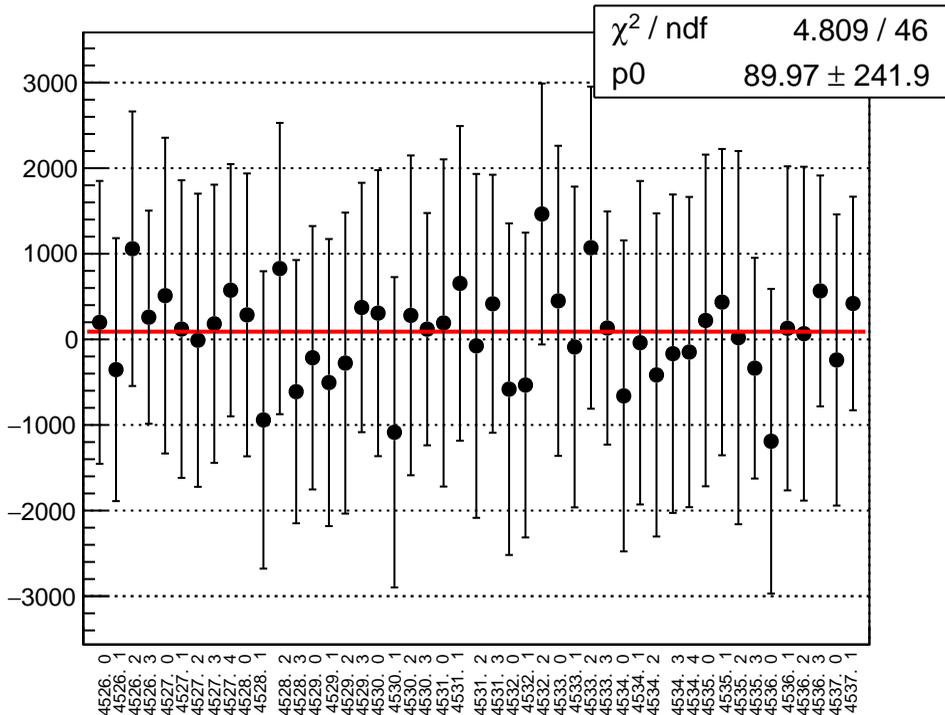
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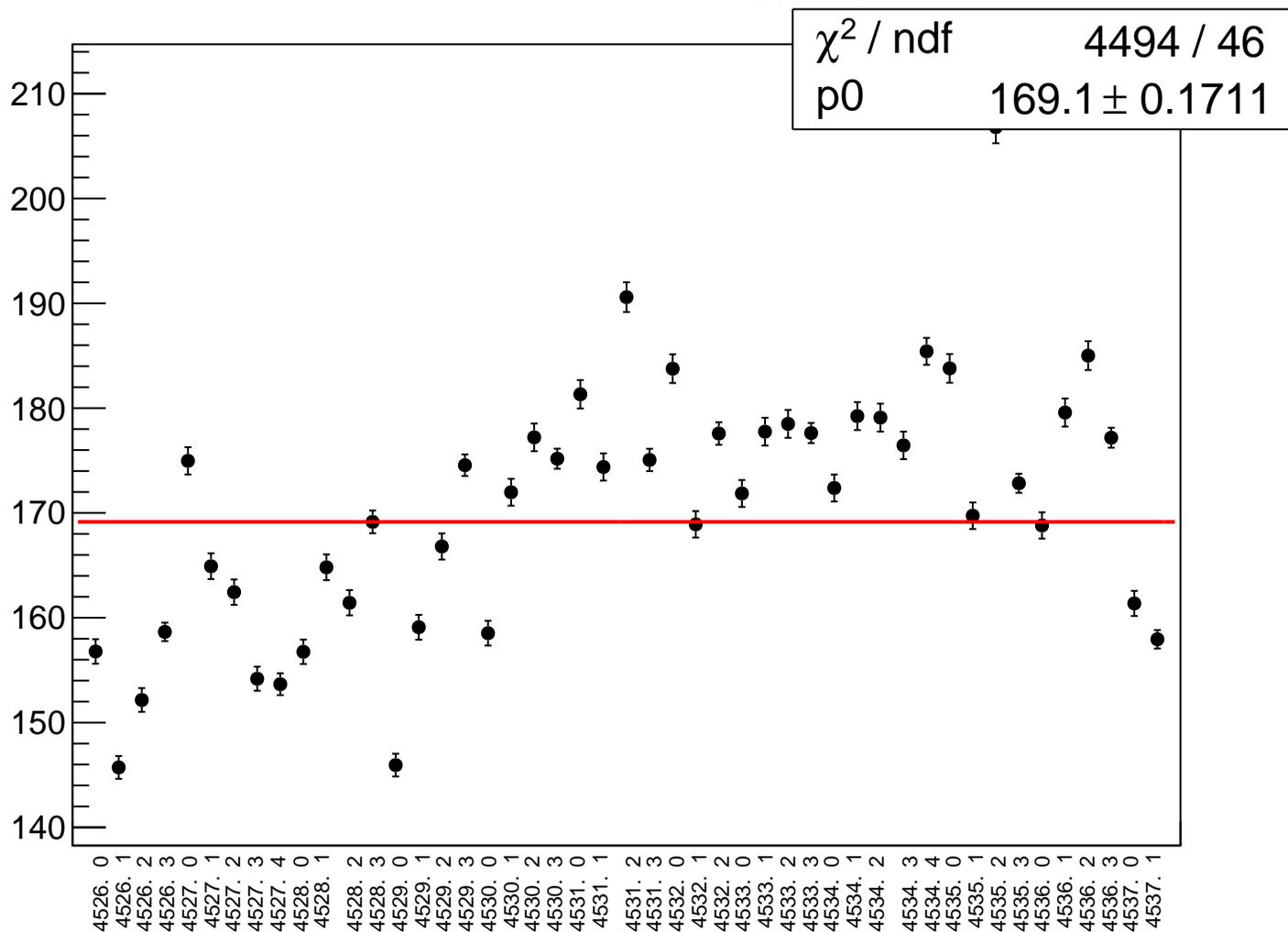
# diff\_bpm0110Y\_rms vs run



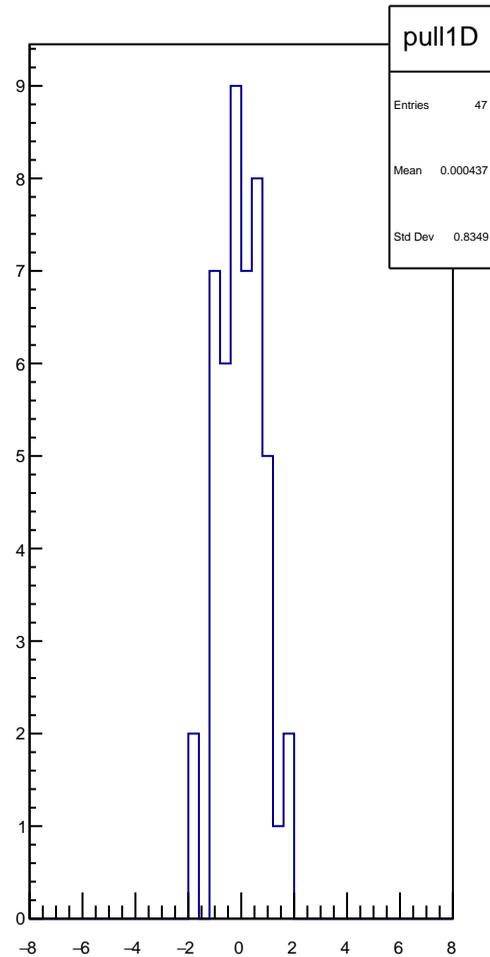
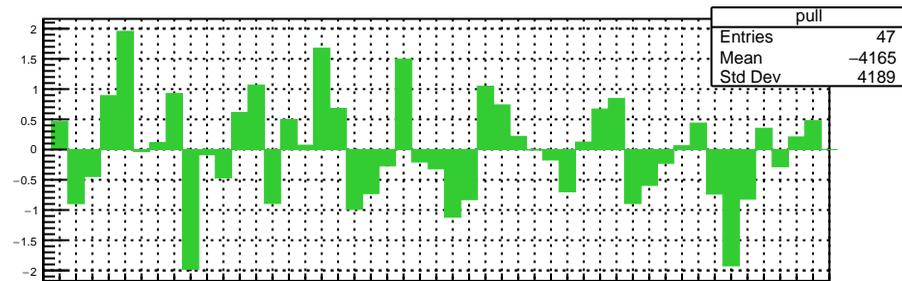
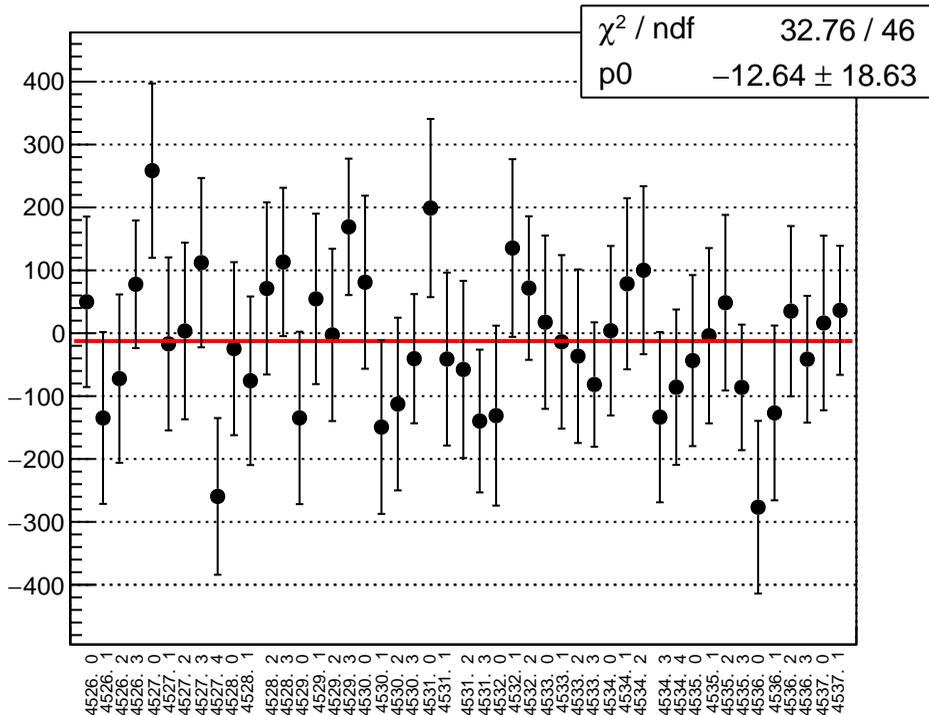
asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_avg\_mean vs run



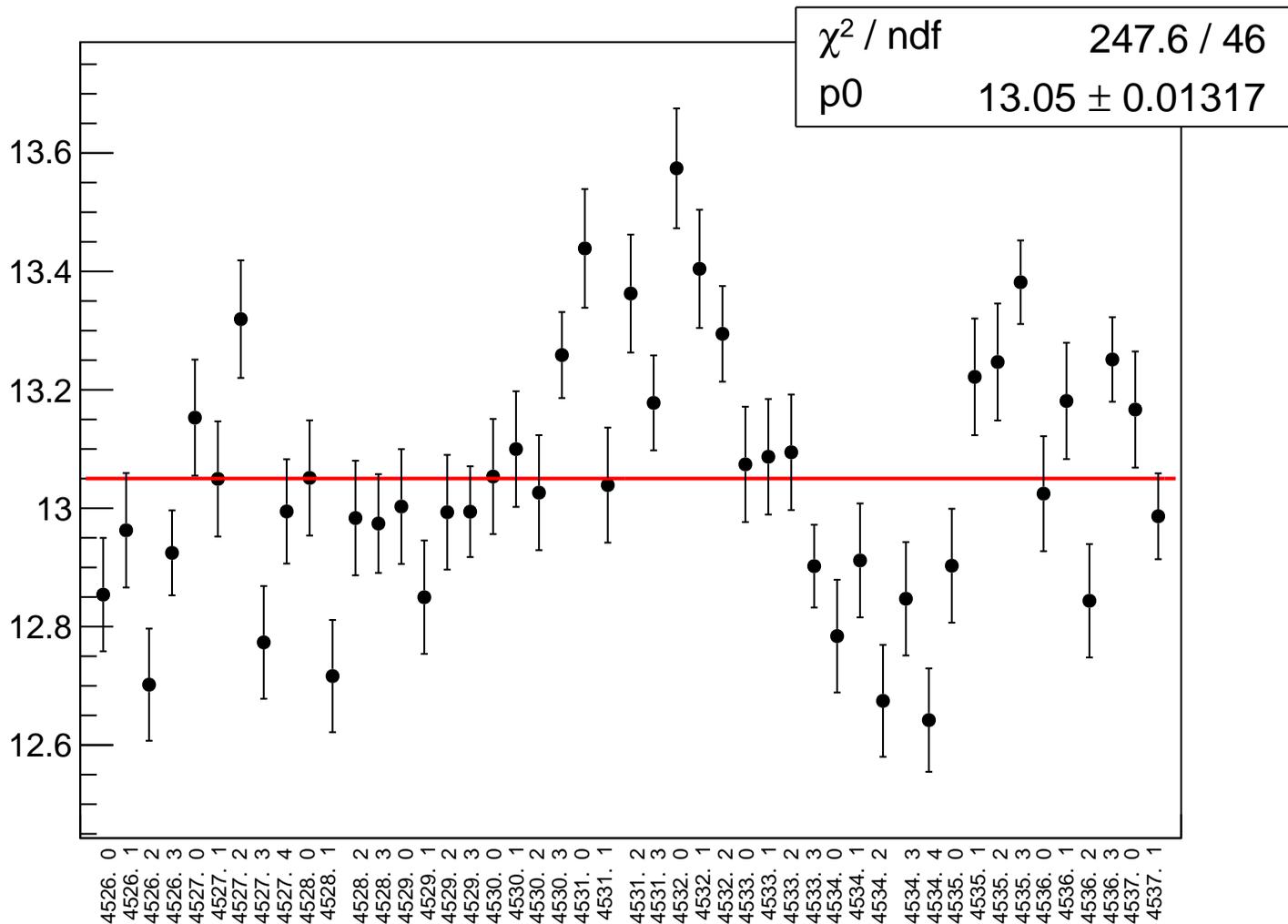
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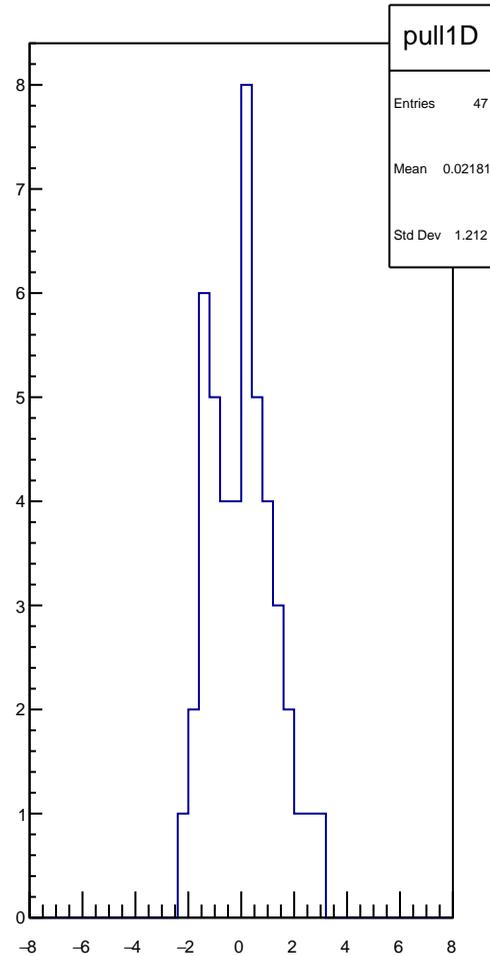
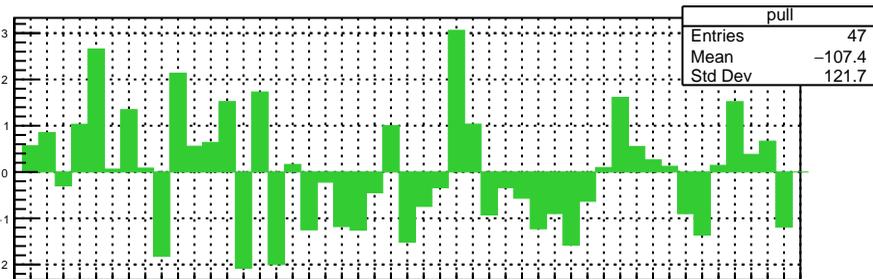
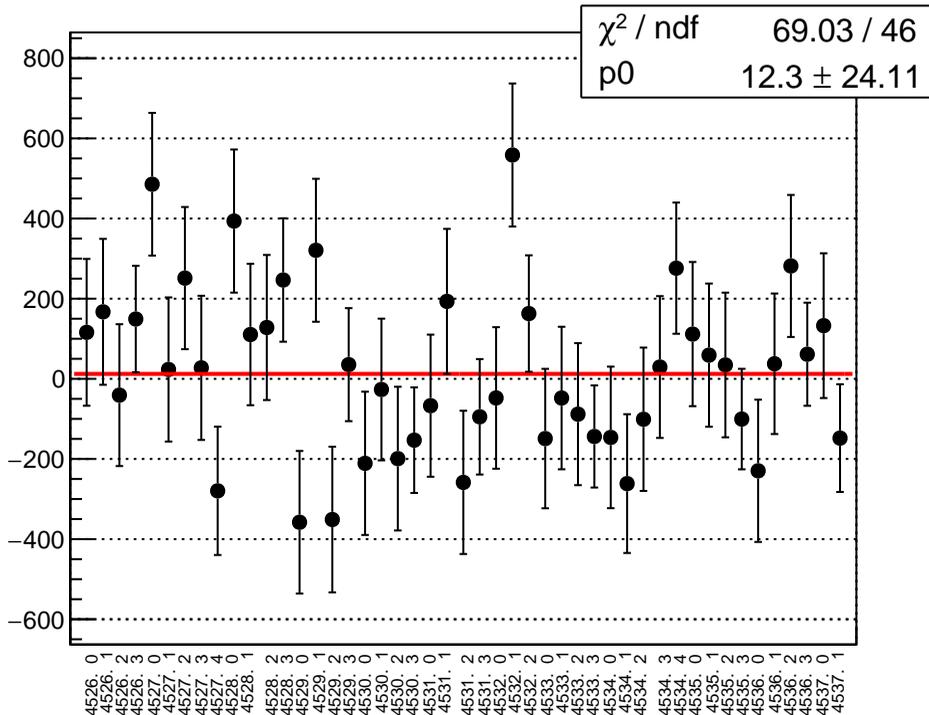
asym\_bcm\_an\_avg\_bcm\_dg\_ds\_agg\_dd\_mean vs run



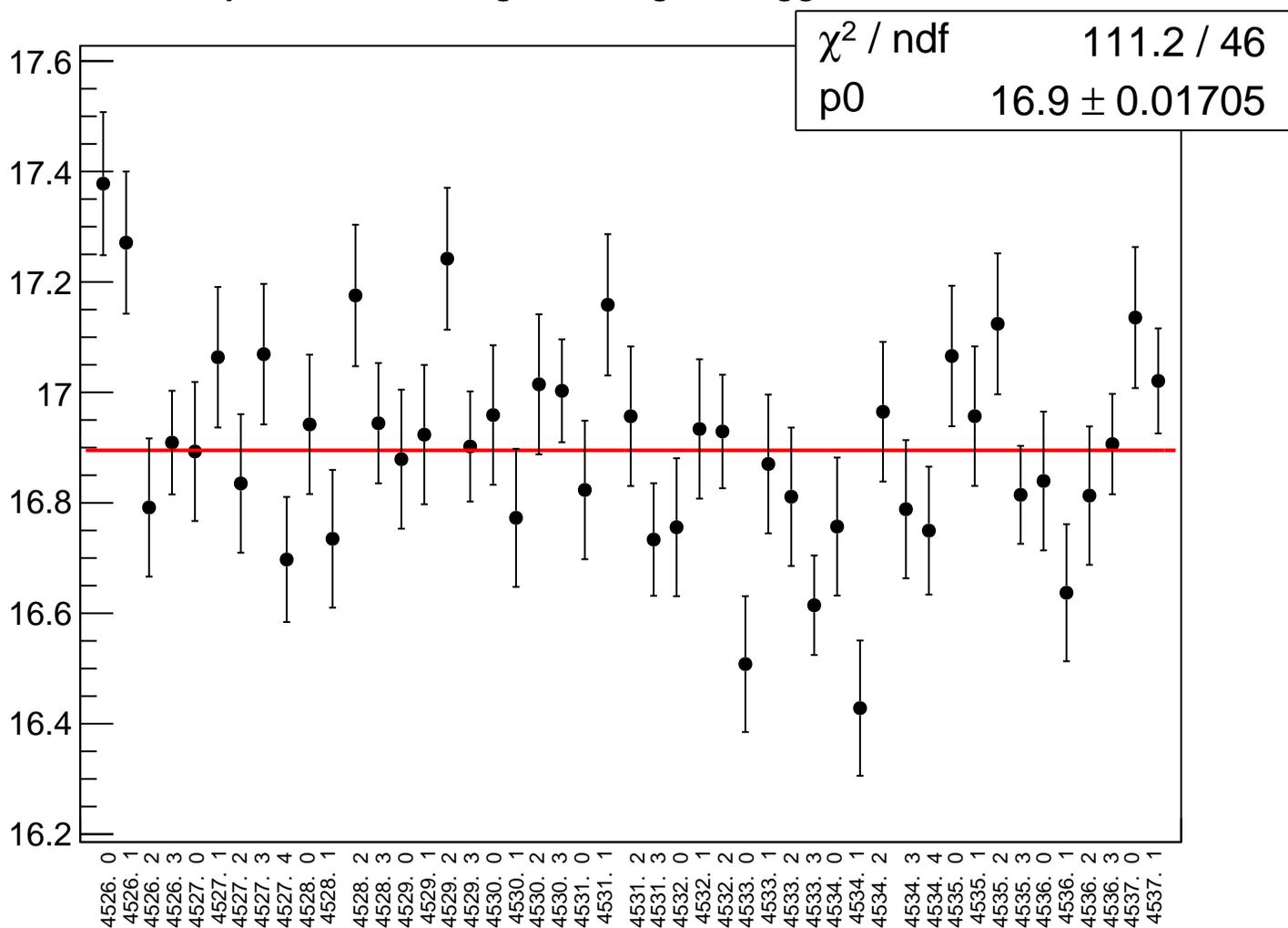
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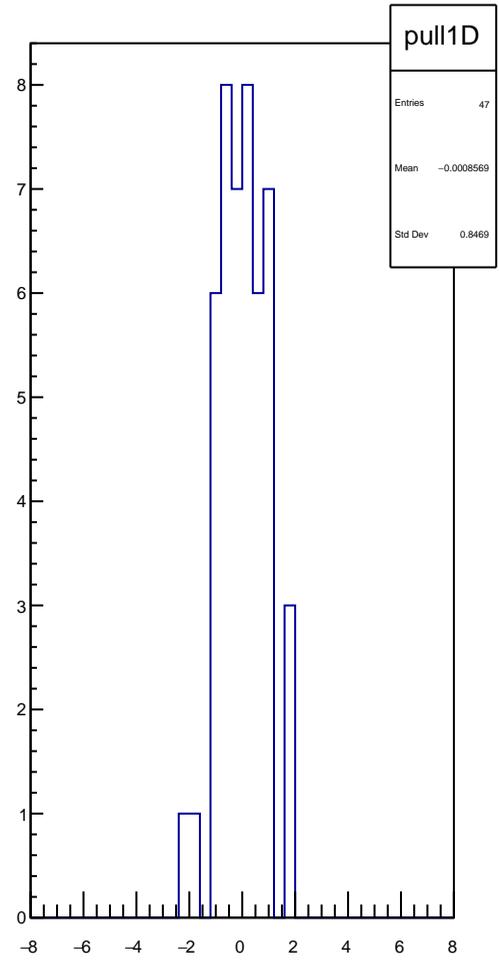
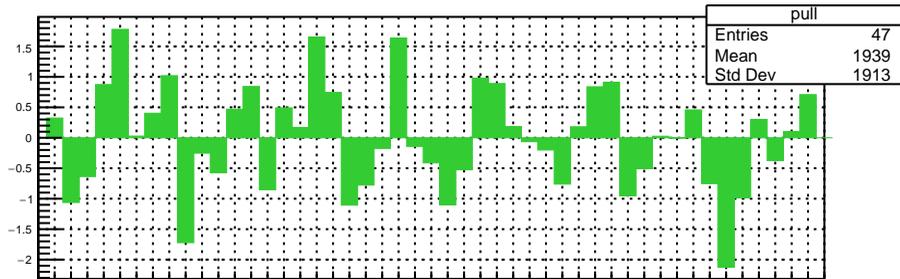
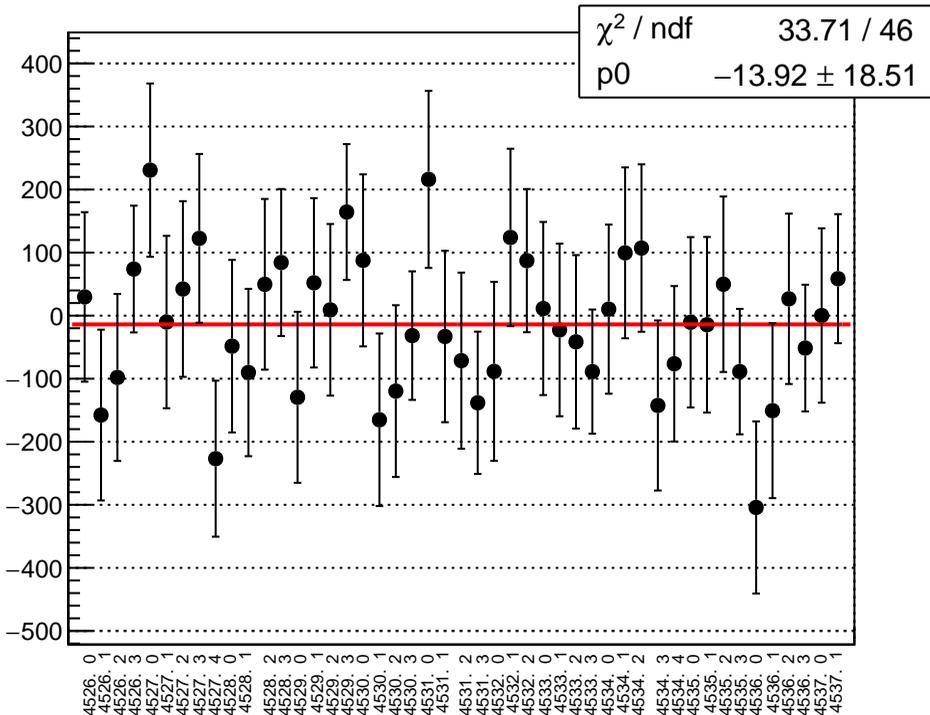
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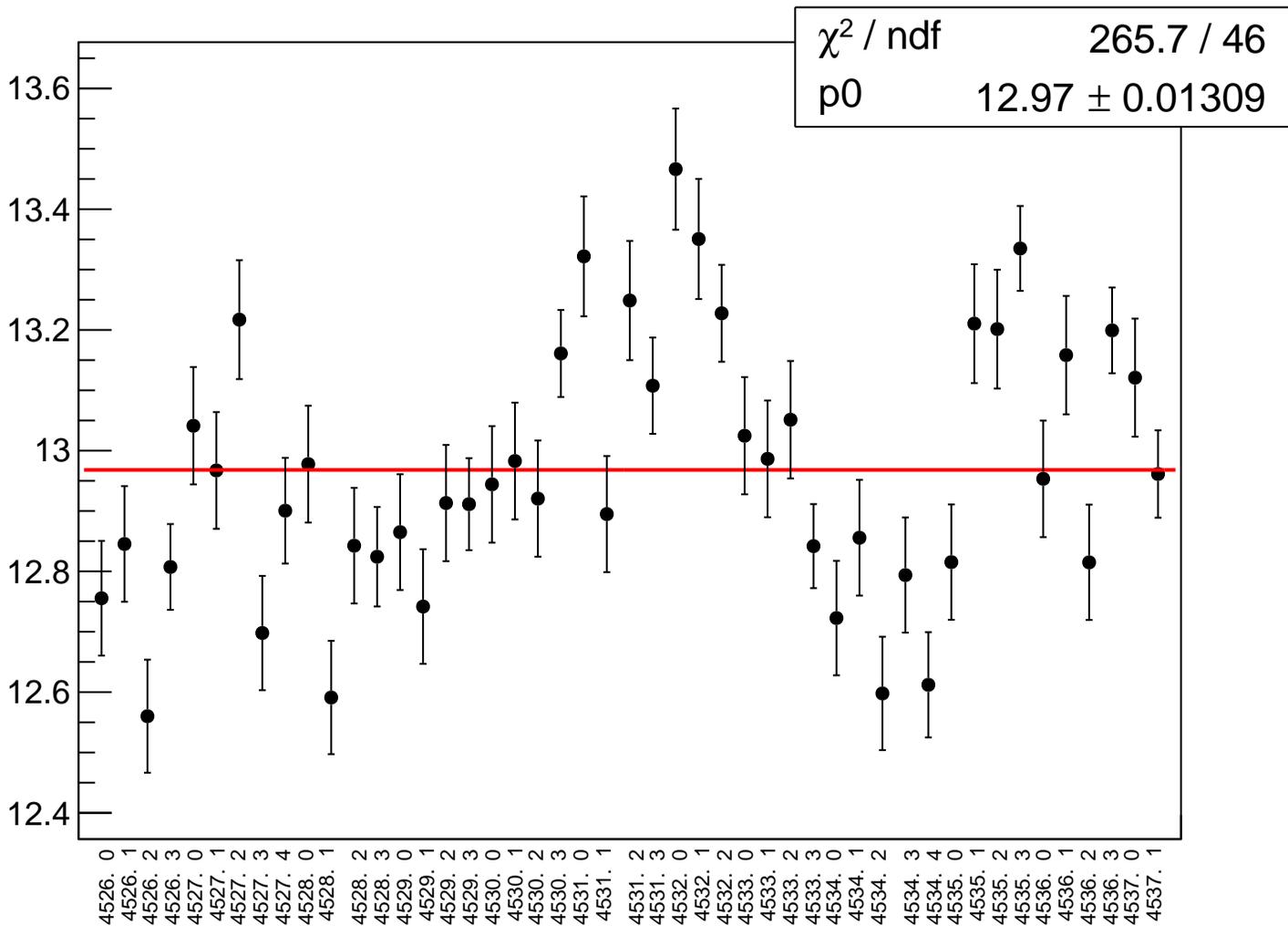
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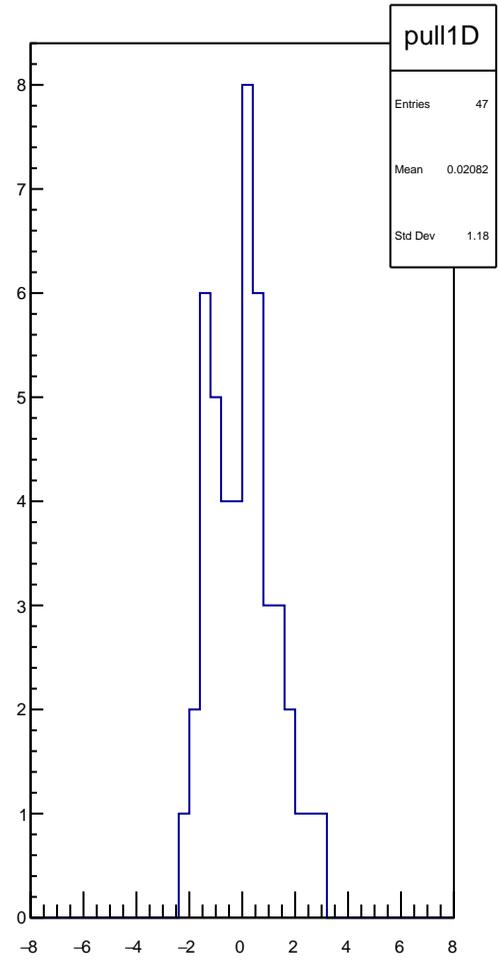
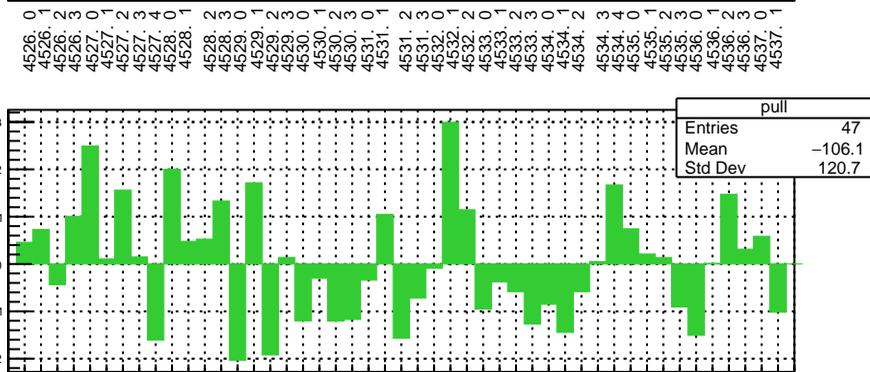
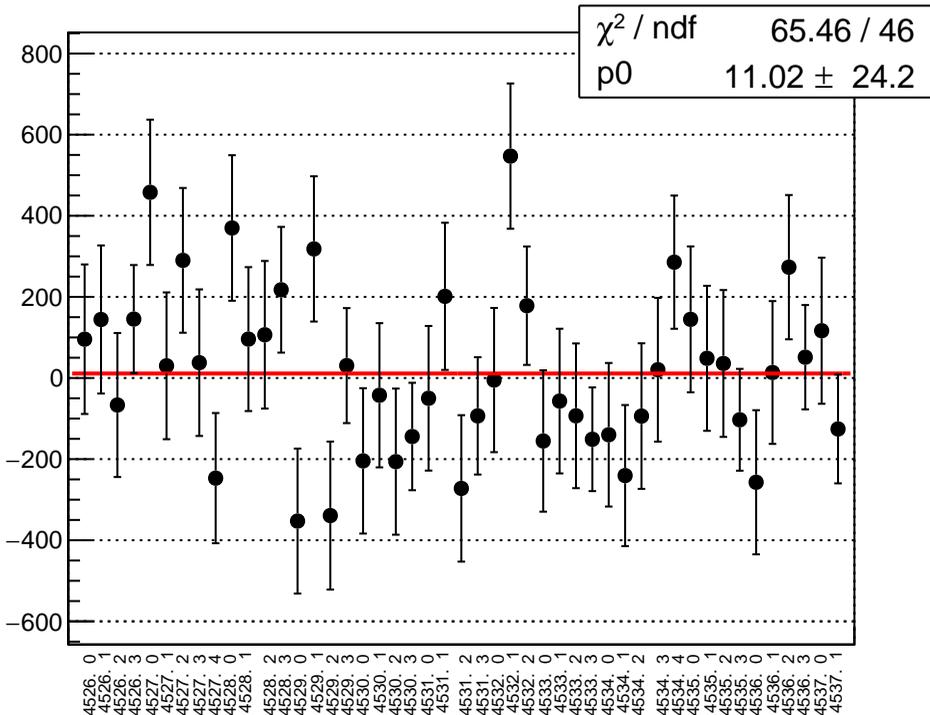
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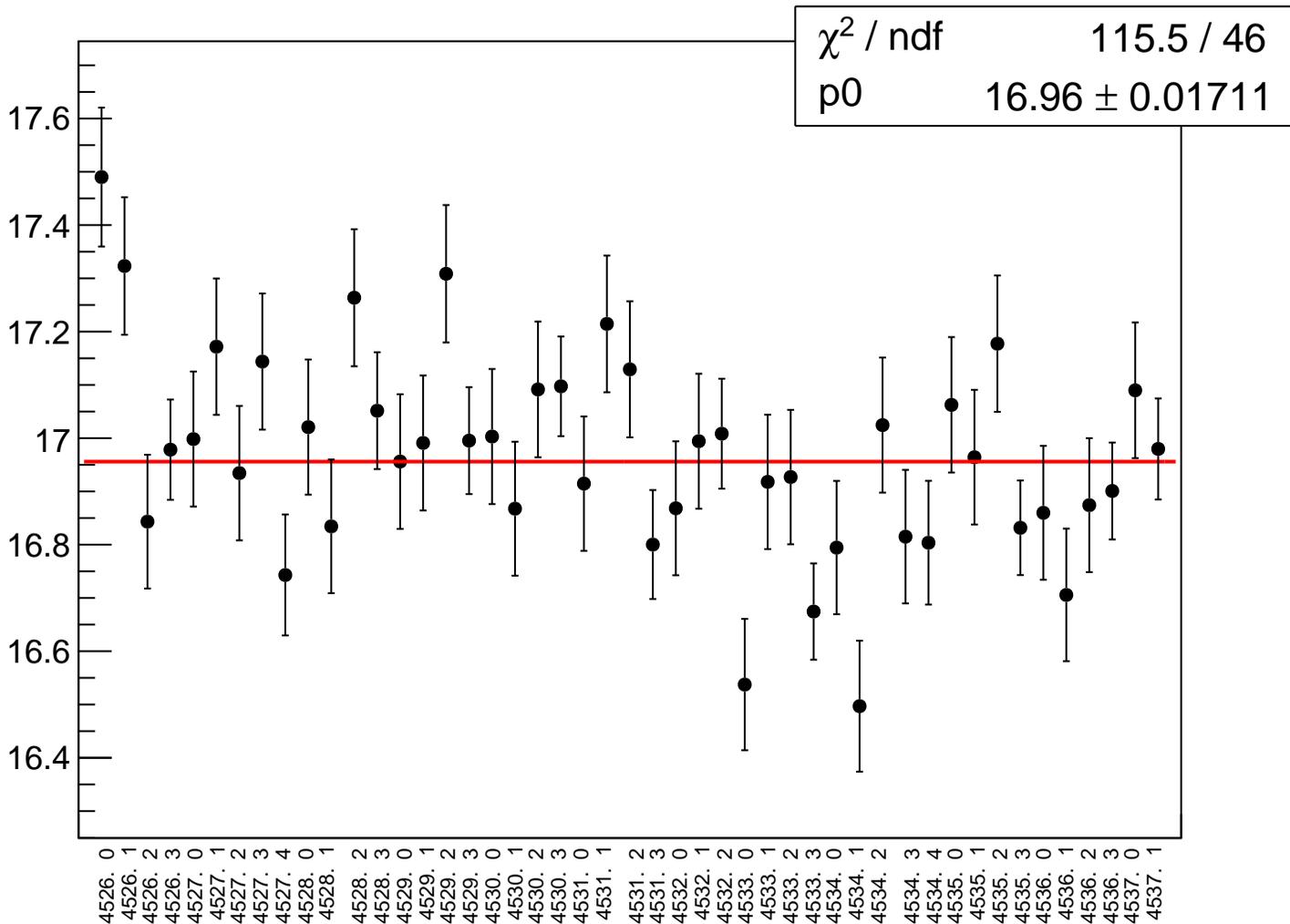
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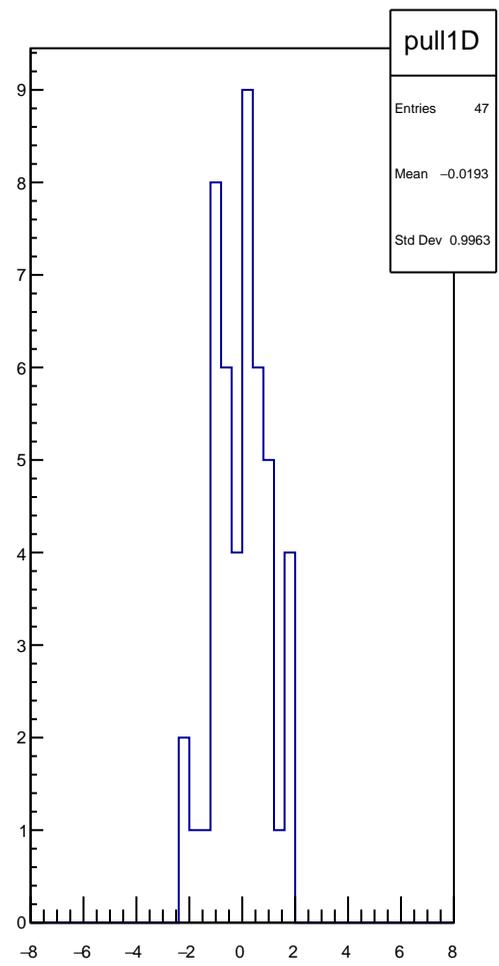
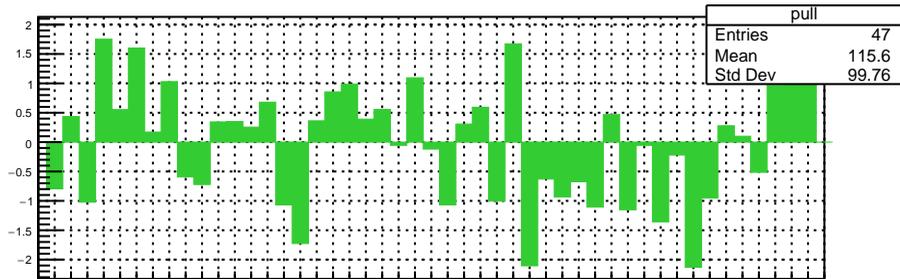
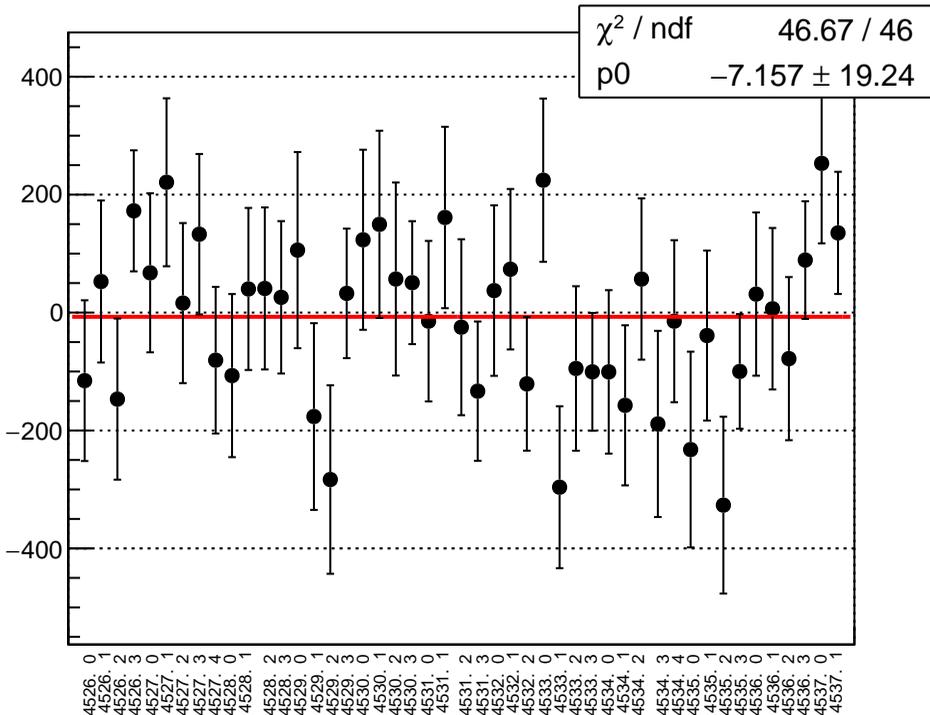
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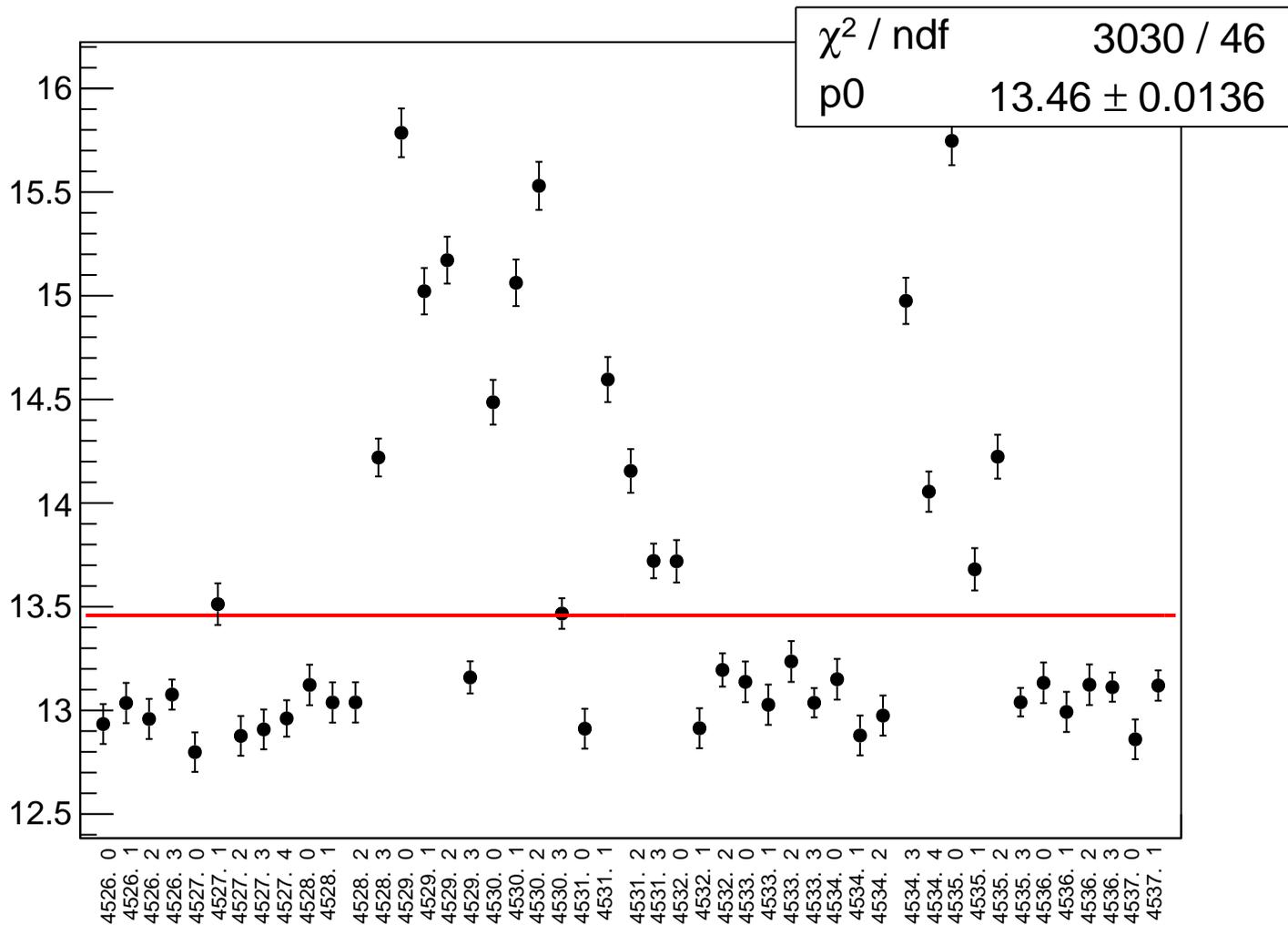
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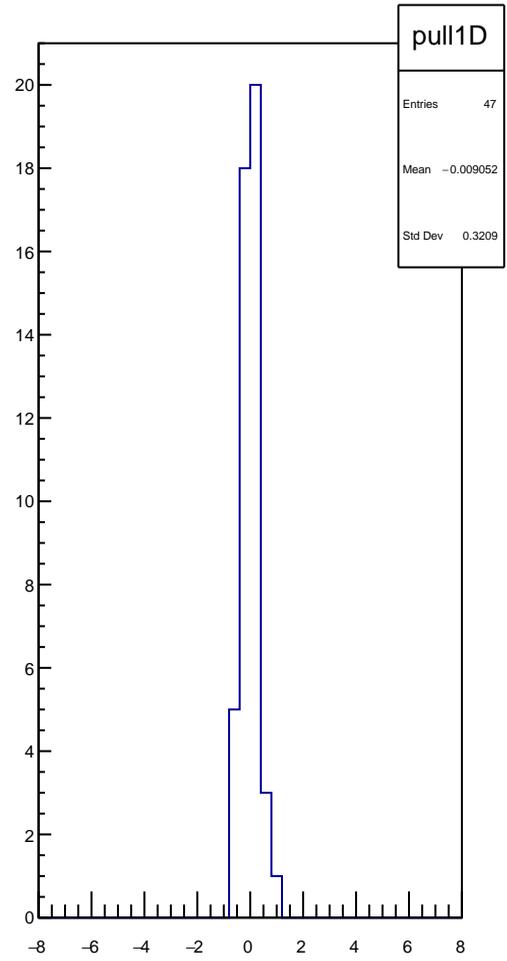
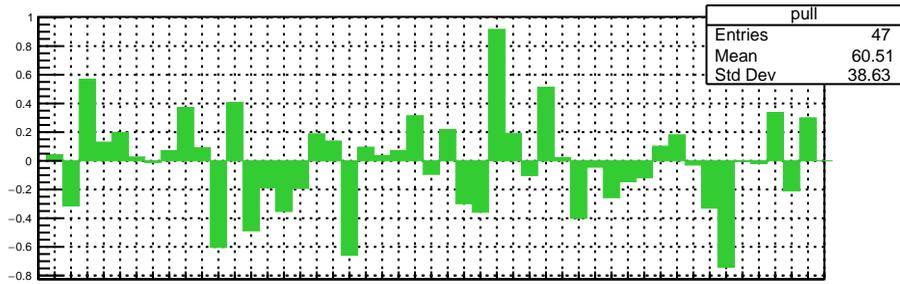
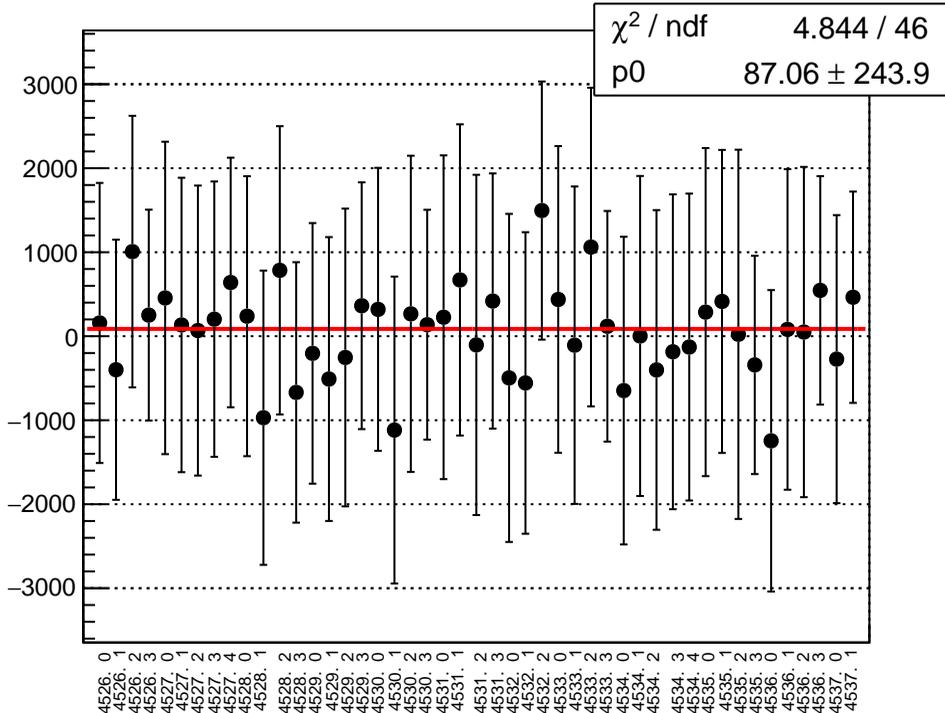
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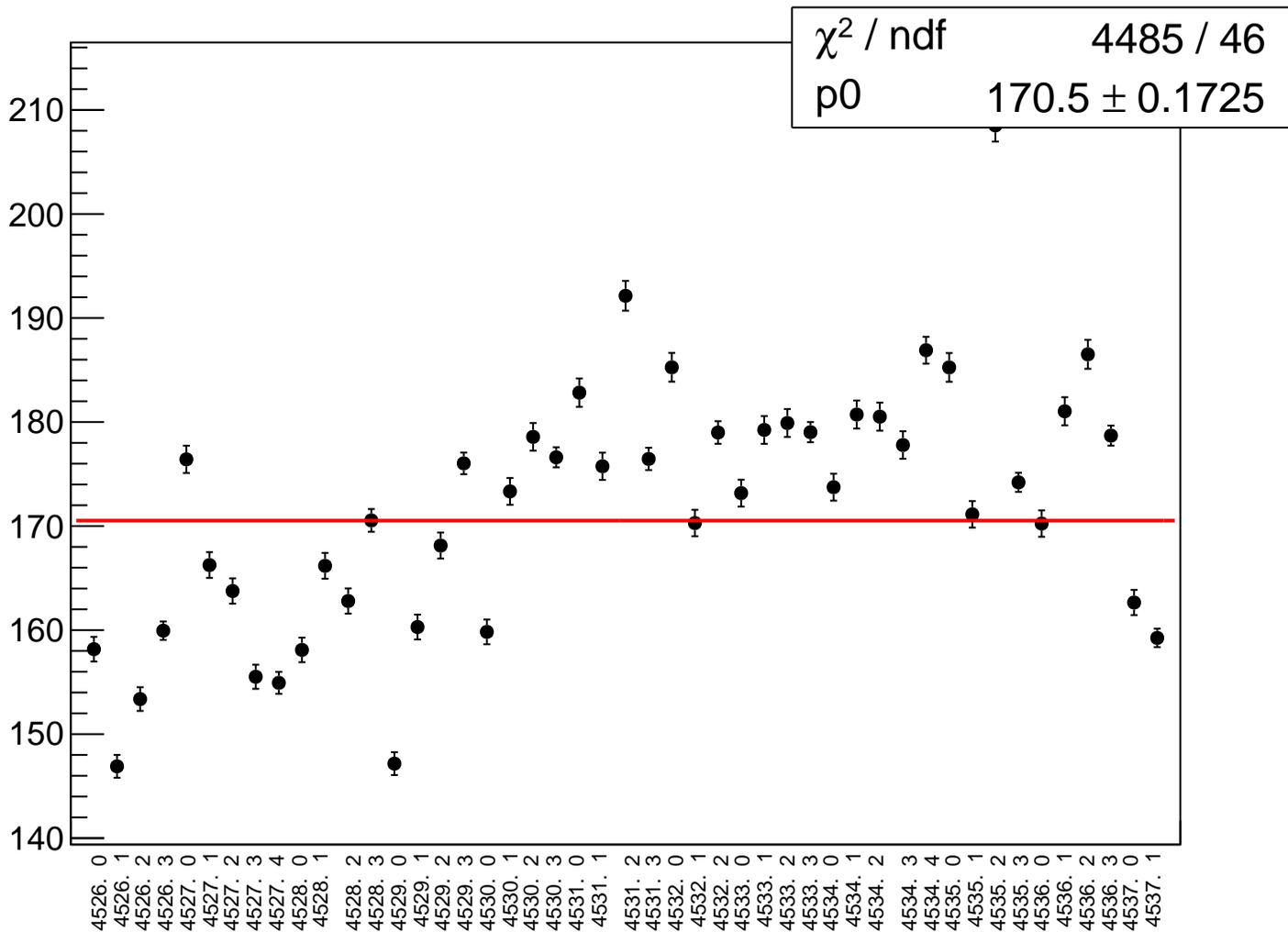
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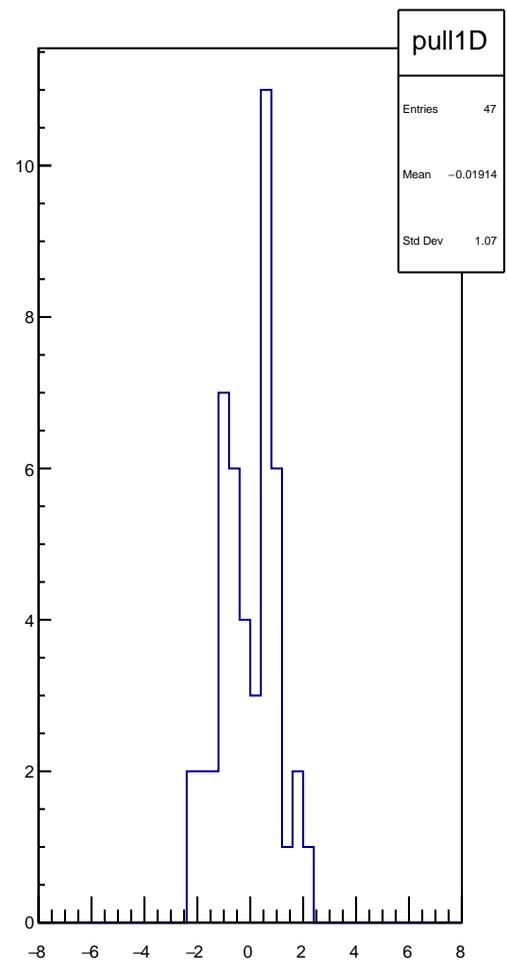
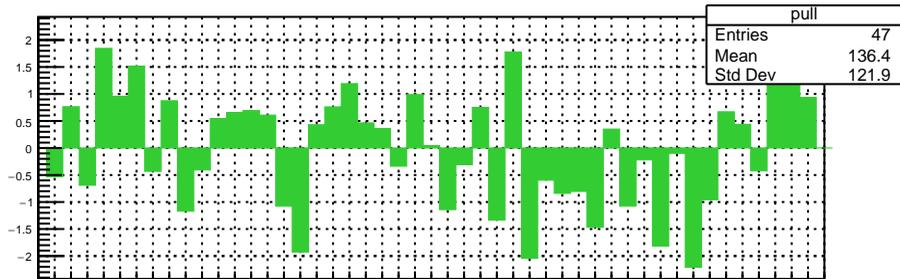
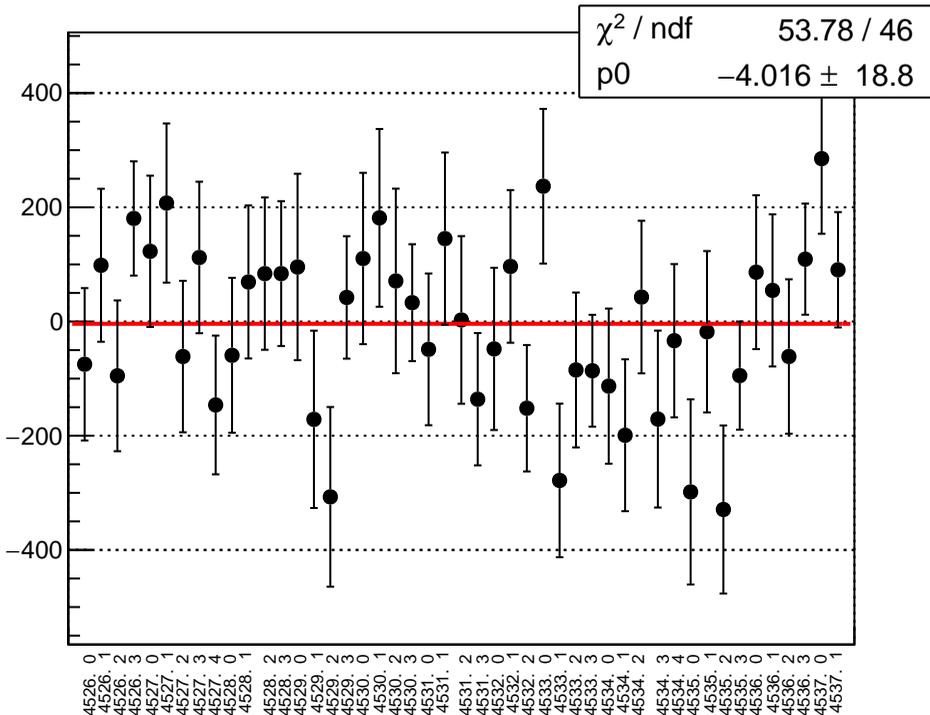
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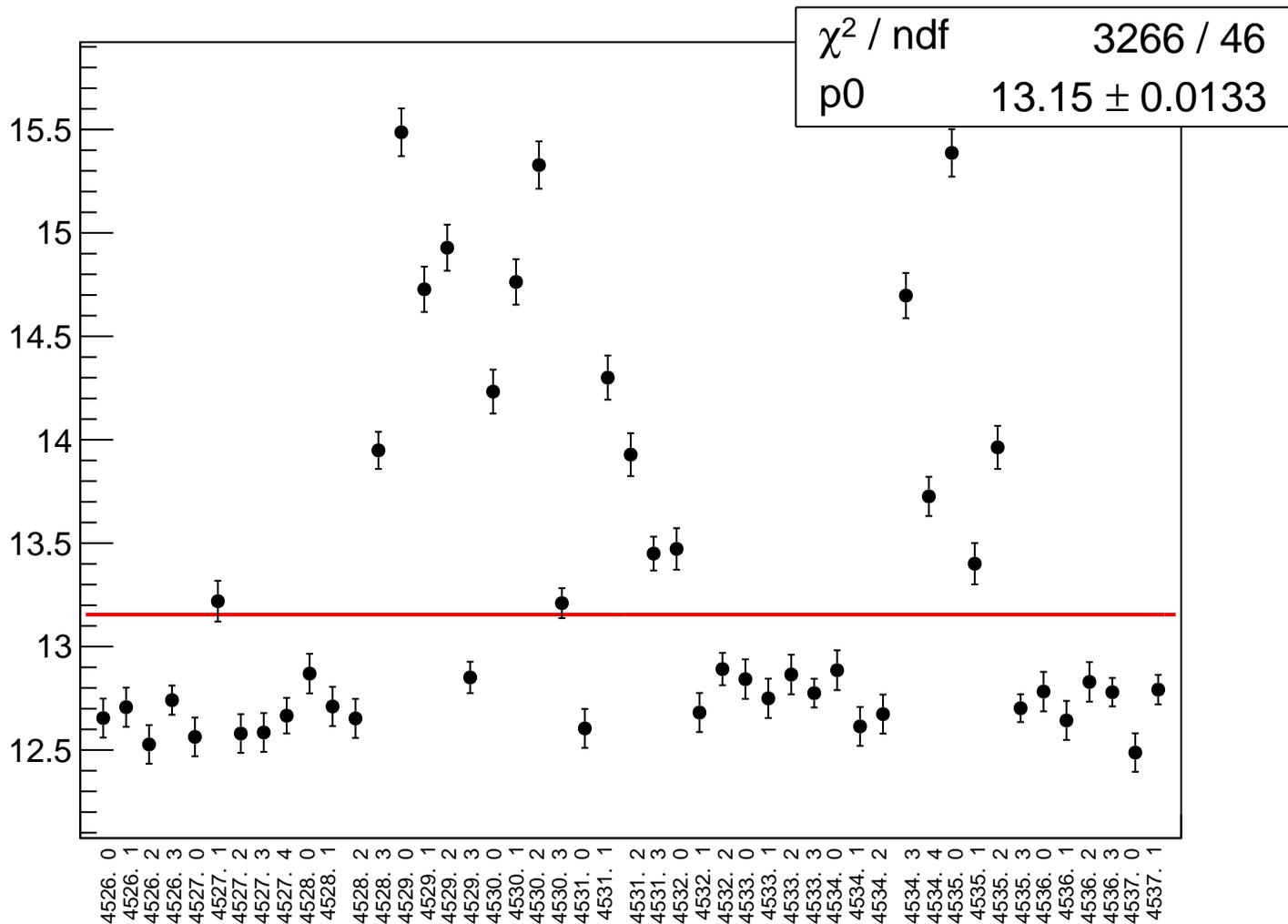
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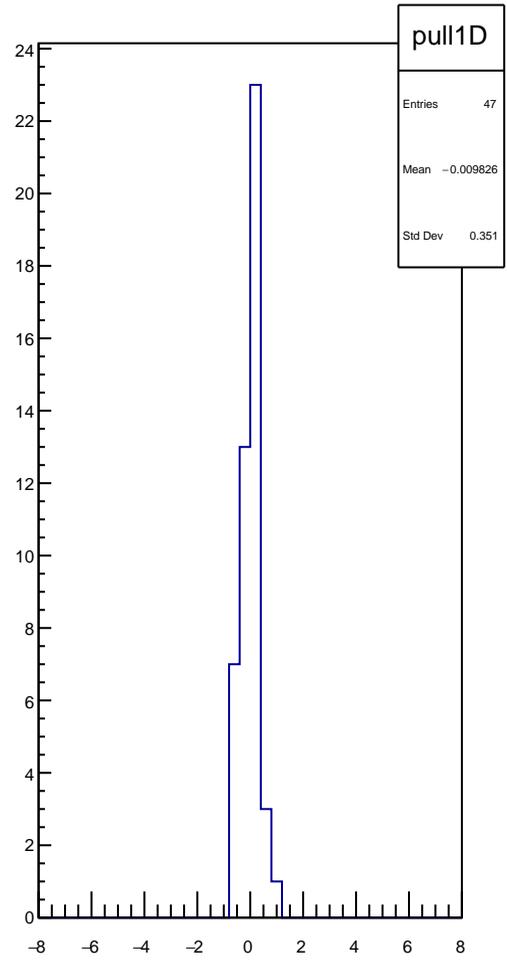
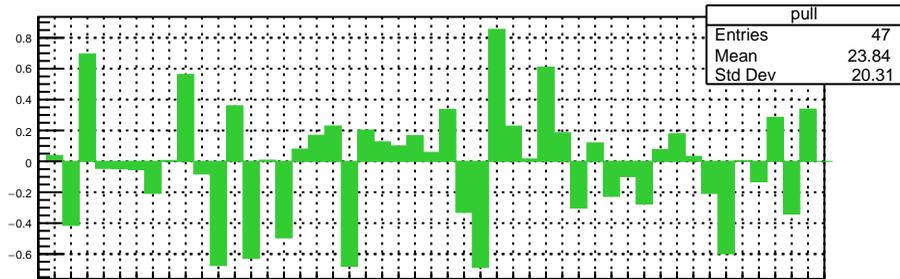
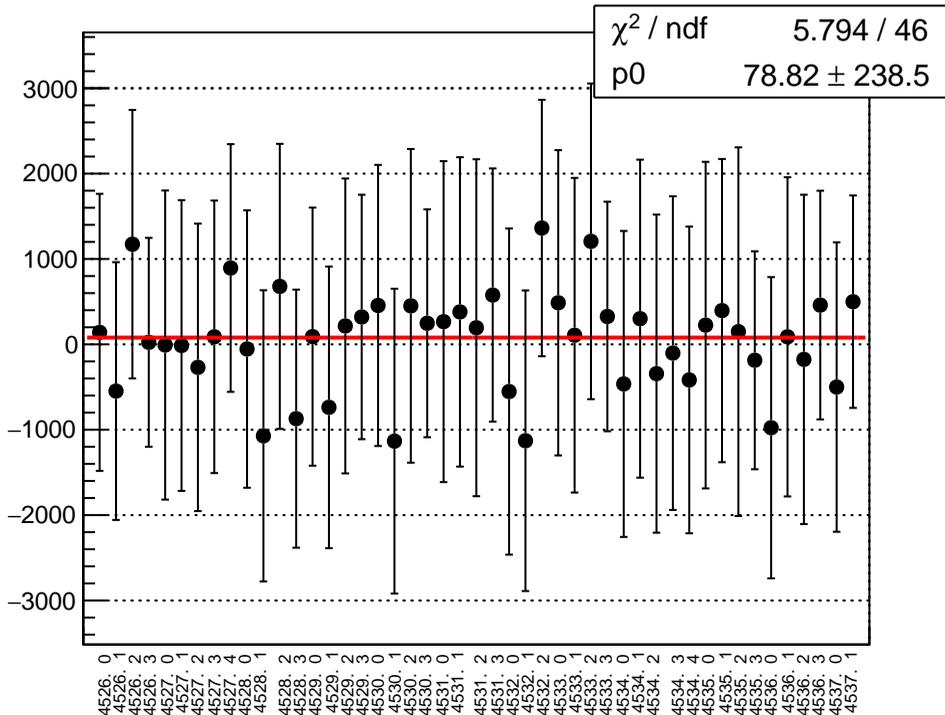
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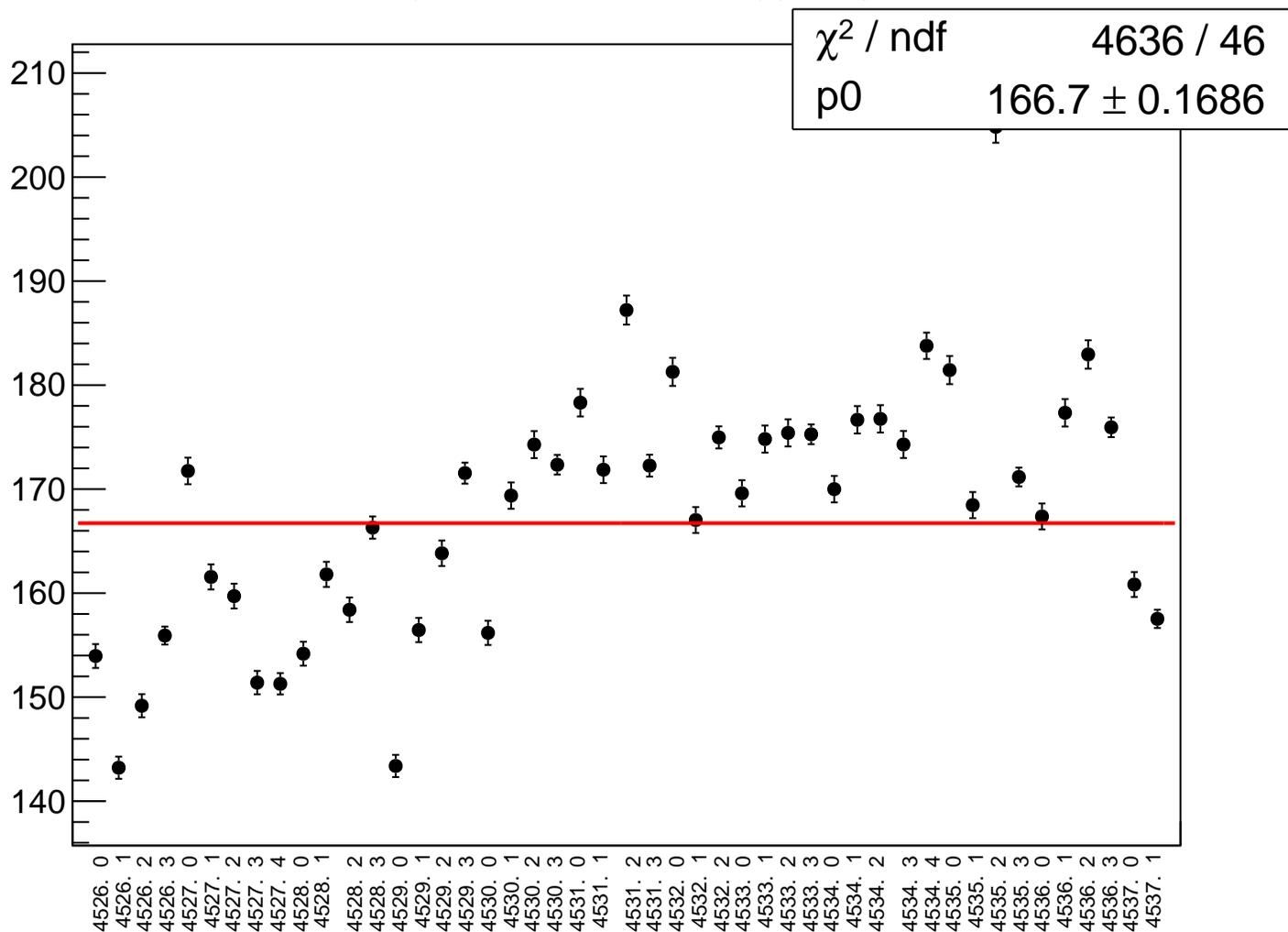
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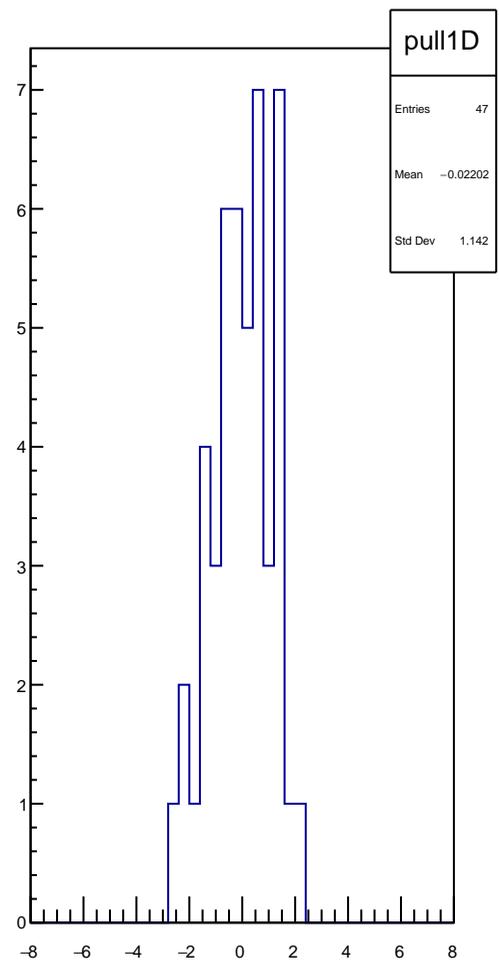
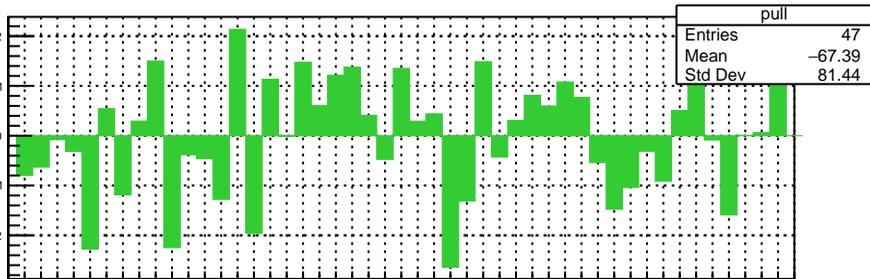
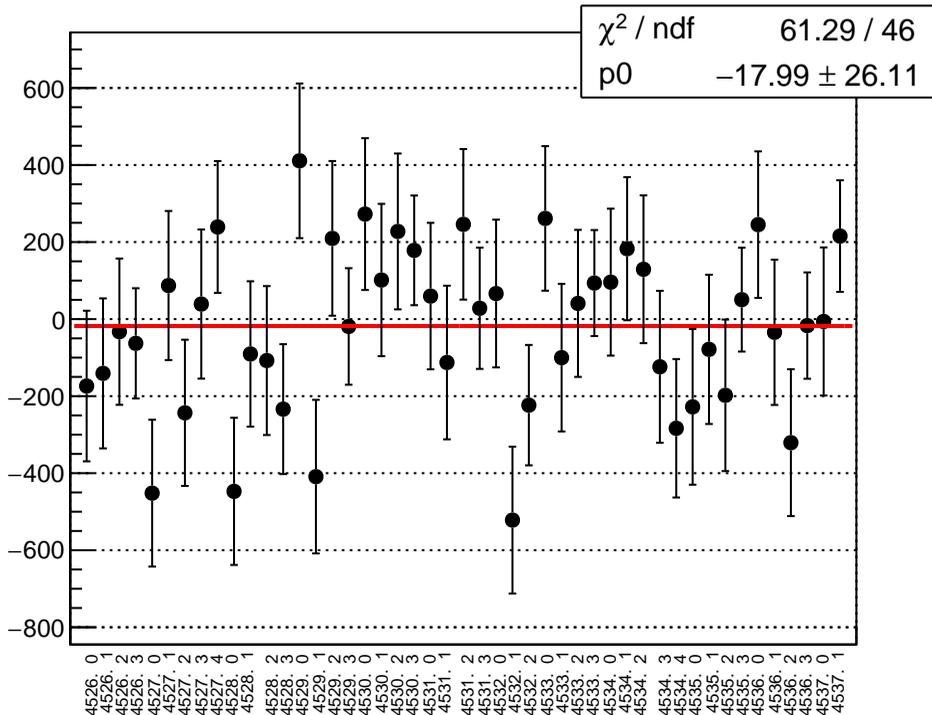
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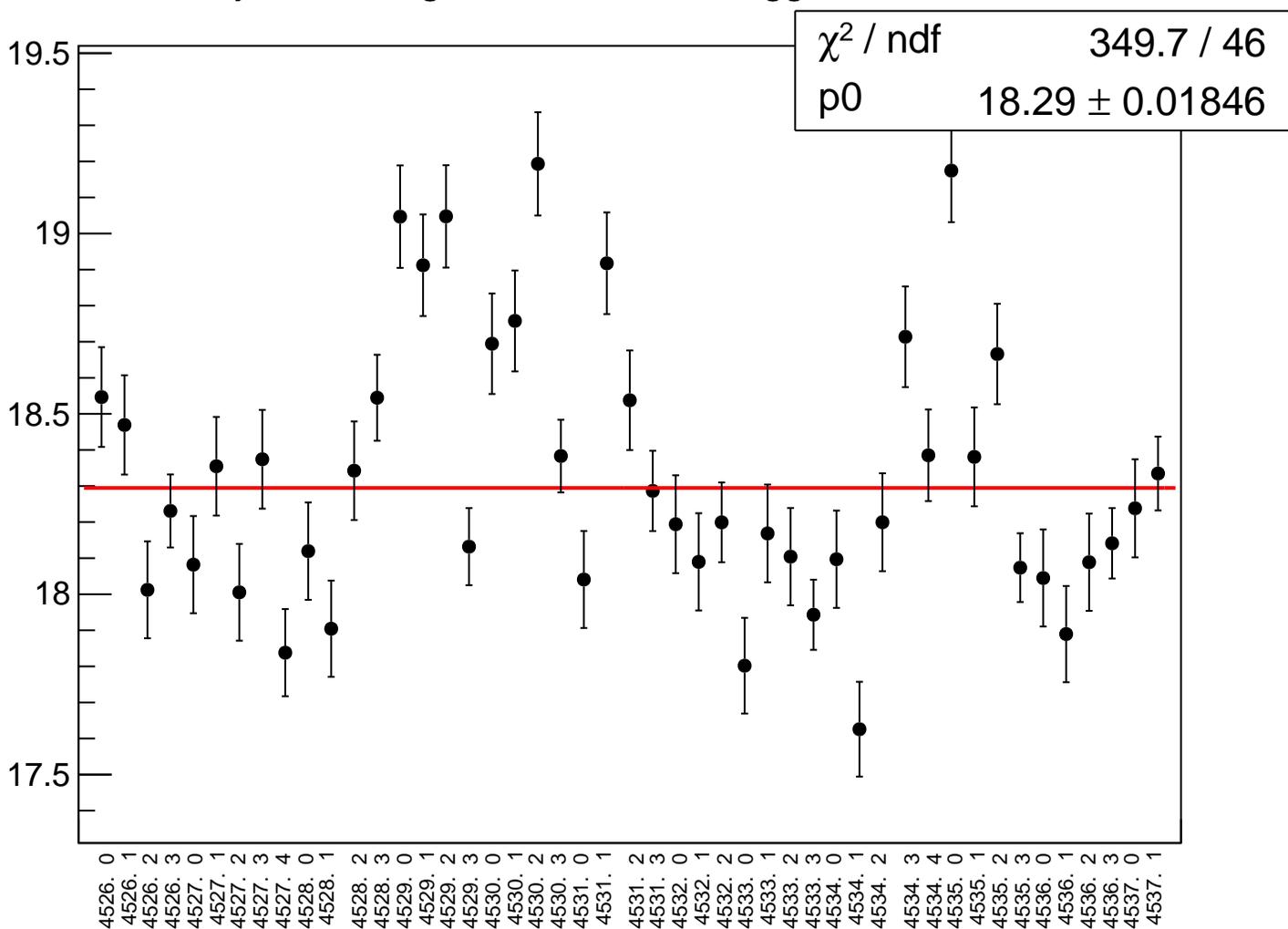
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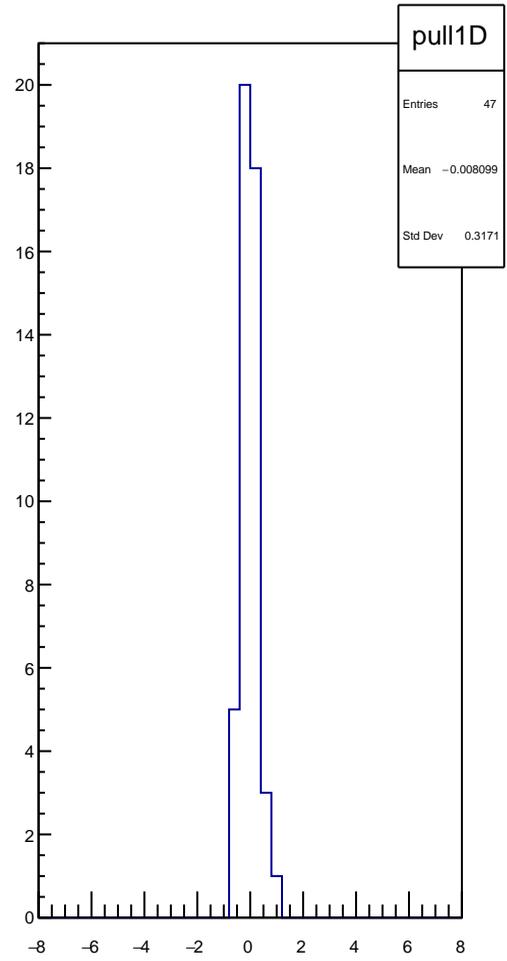
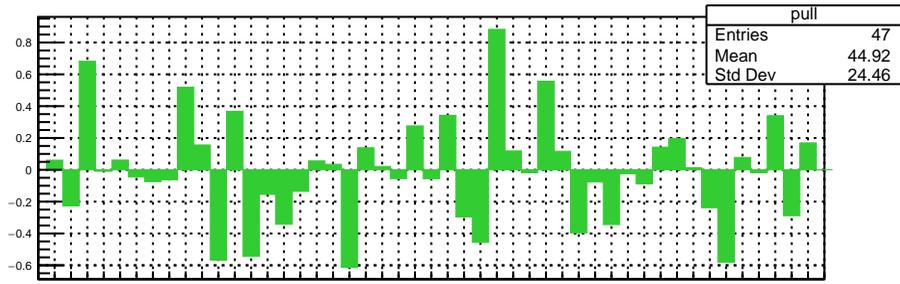
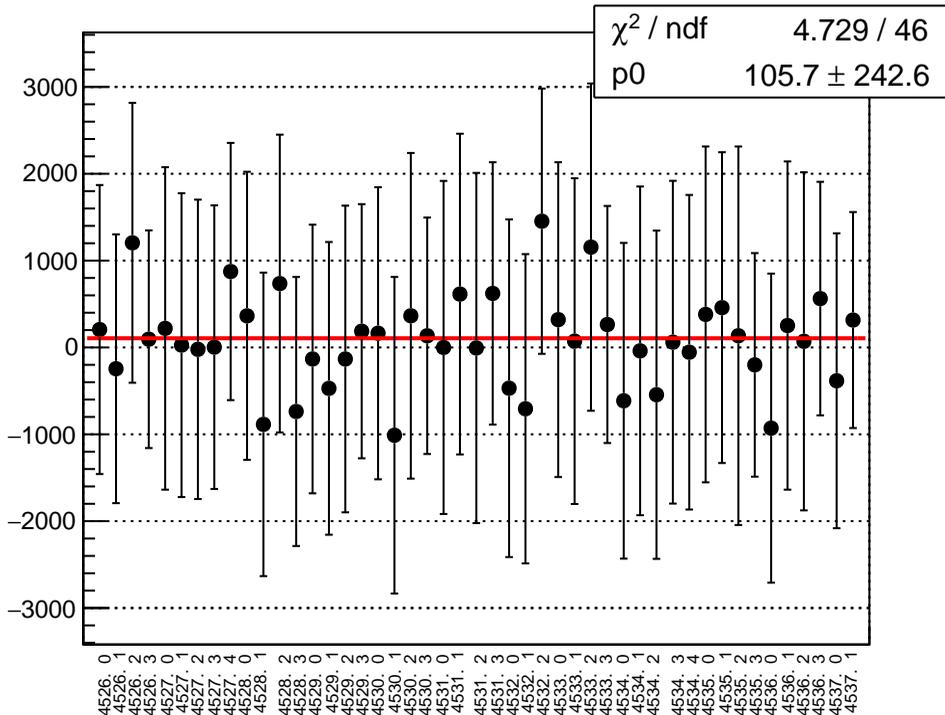
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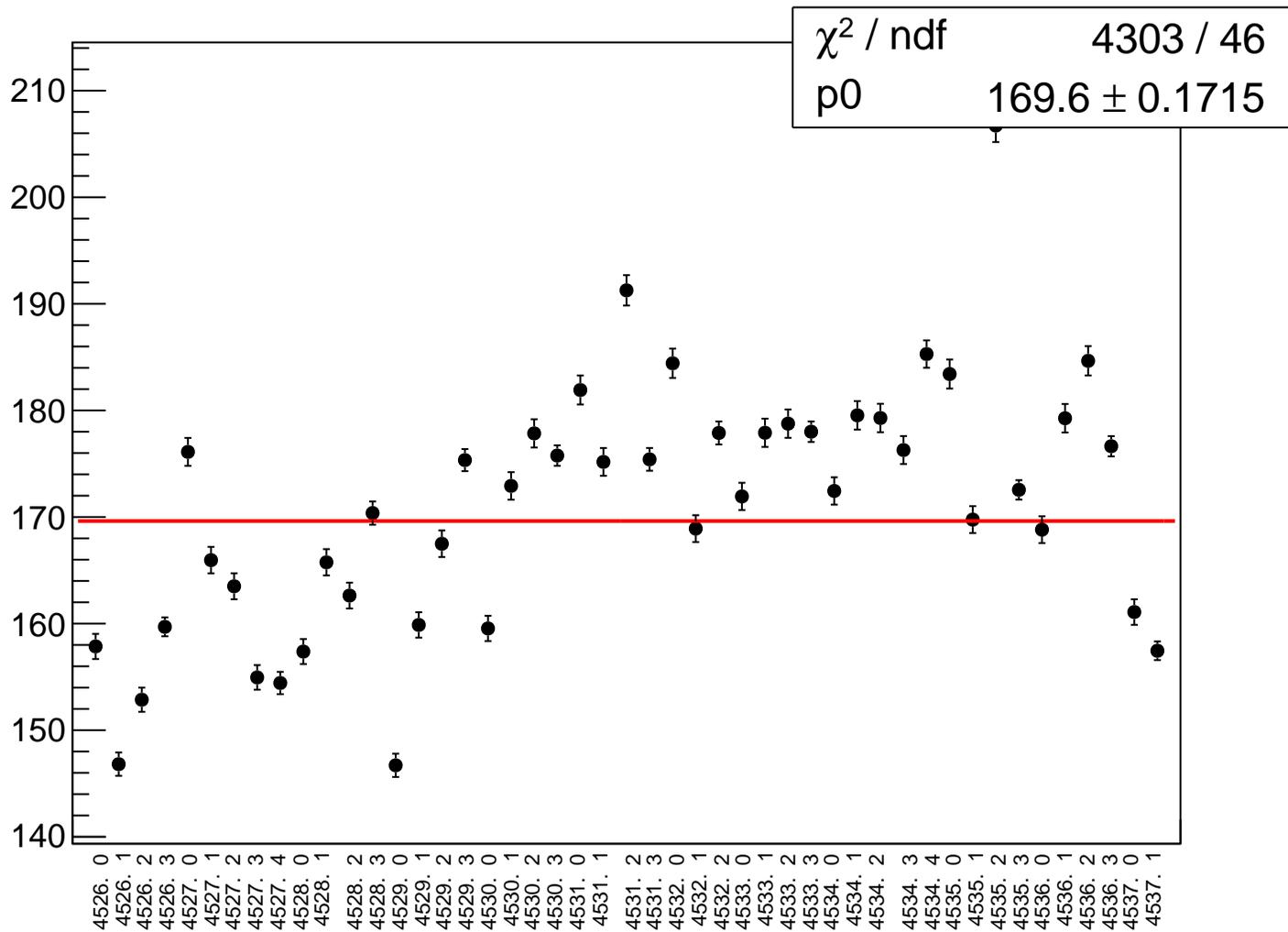
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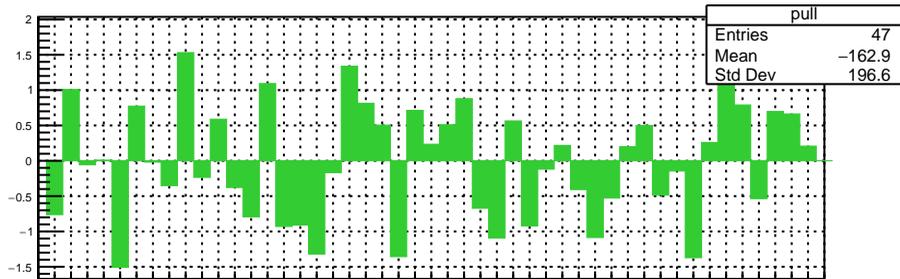
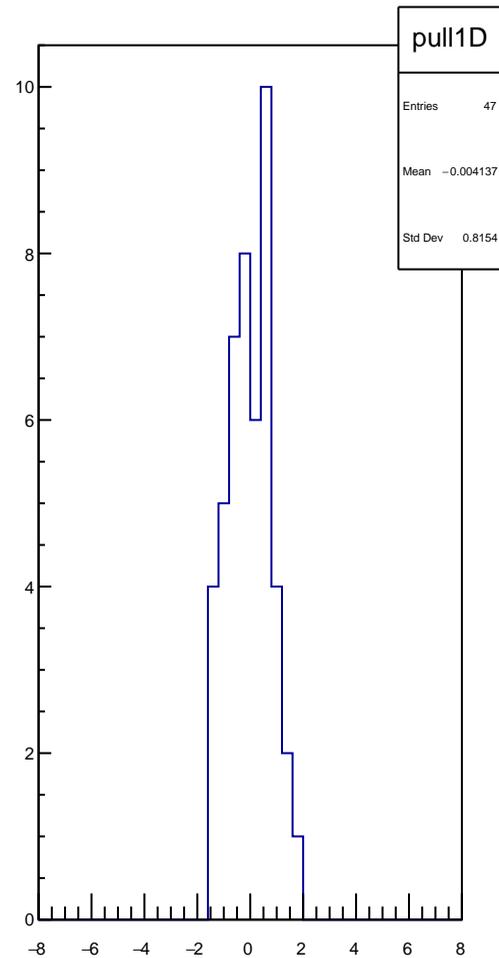
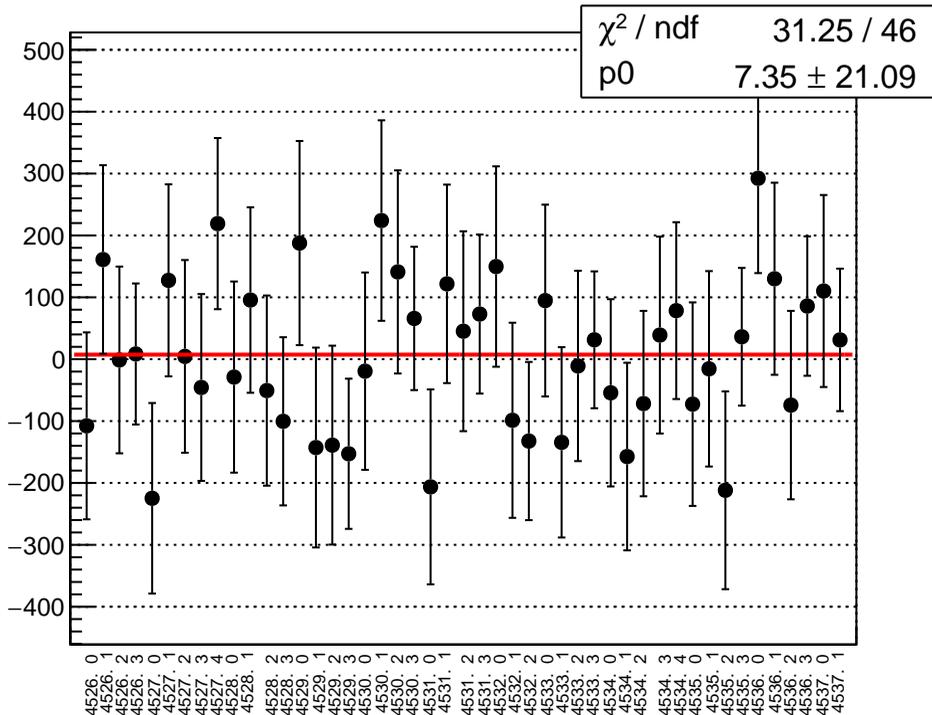
asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_avg\_mean vs run



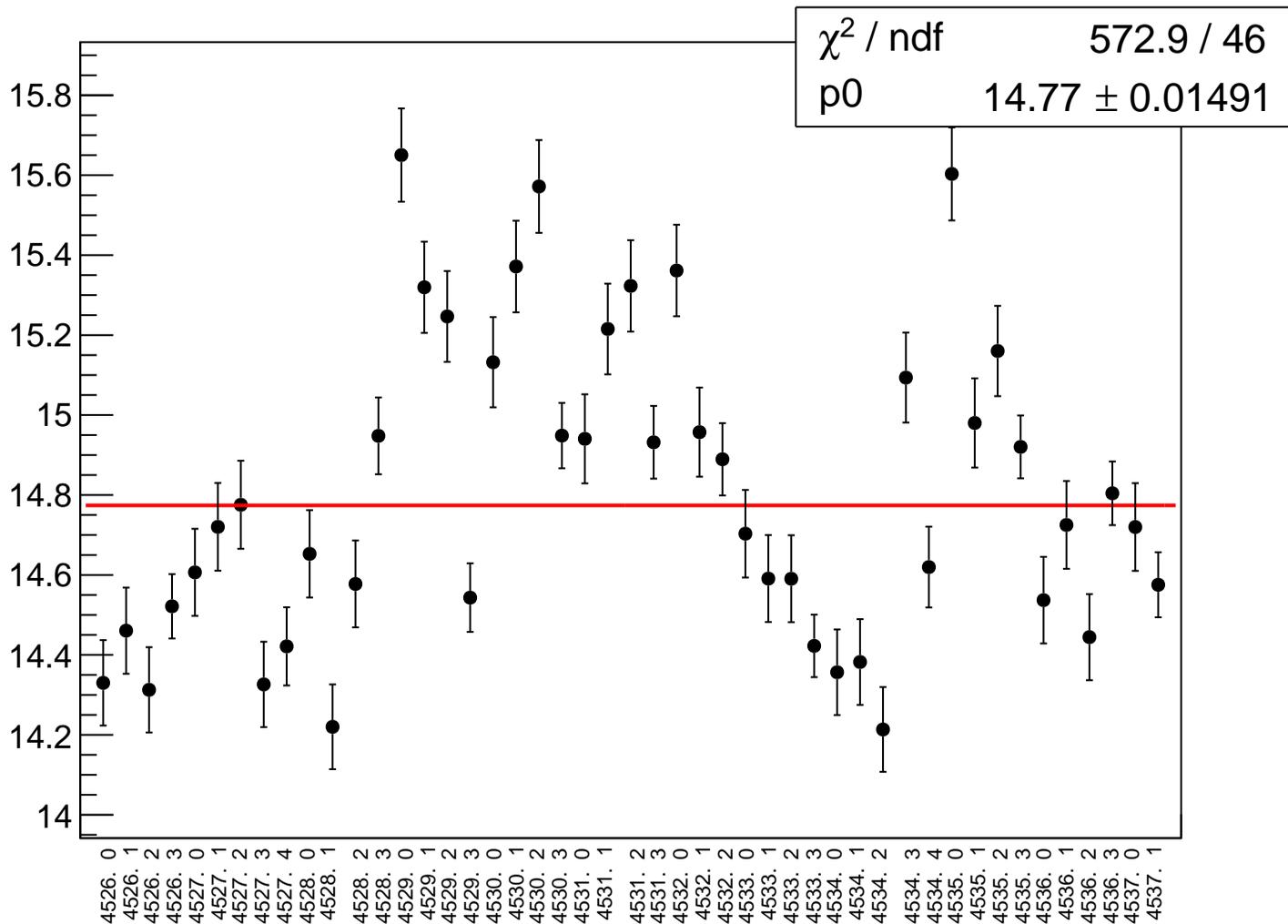
asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_avg\_rms vs run



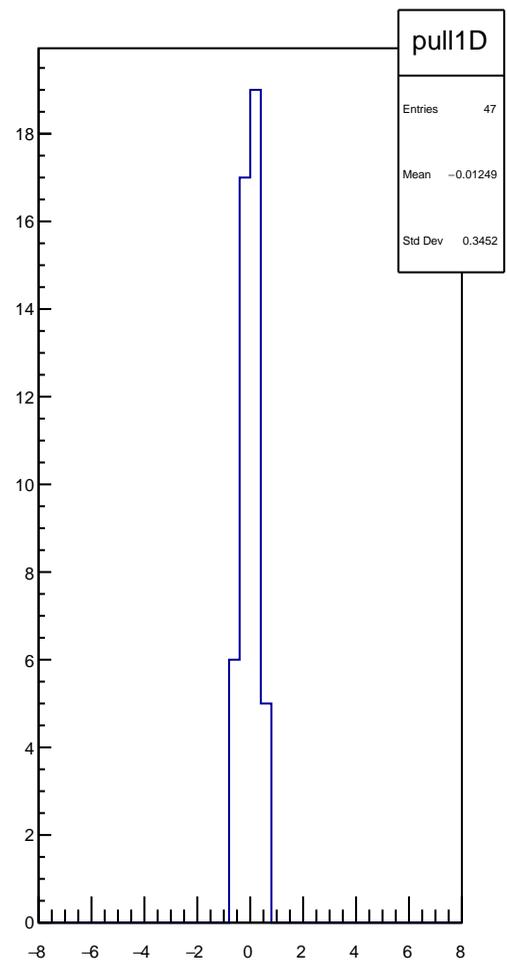
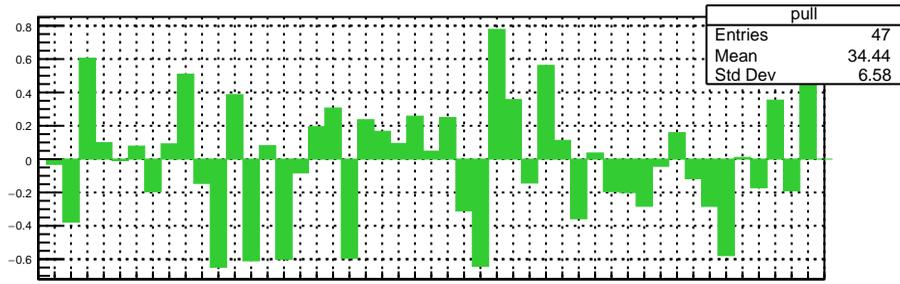
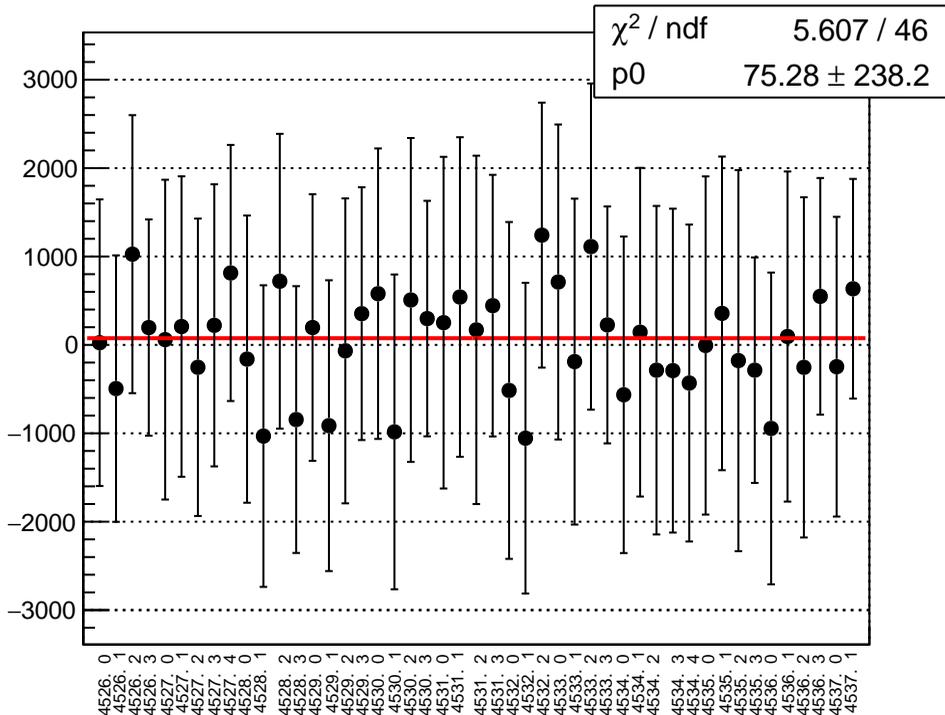
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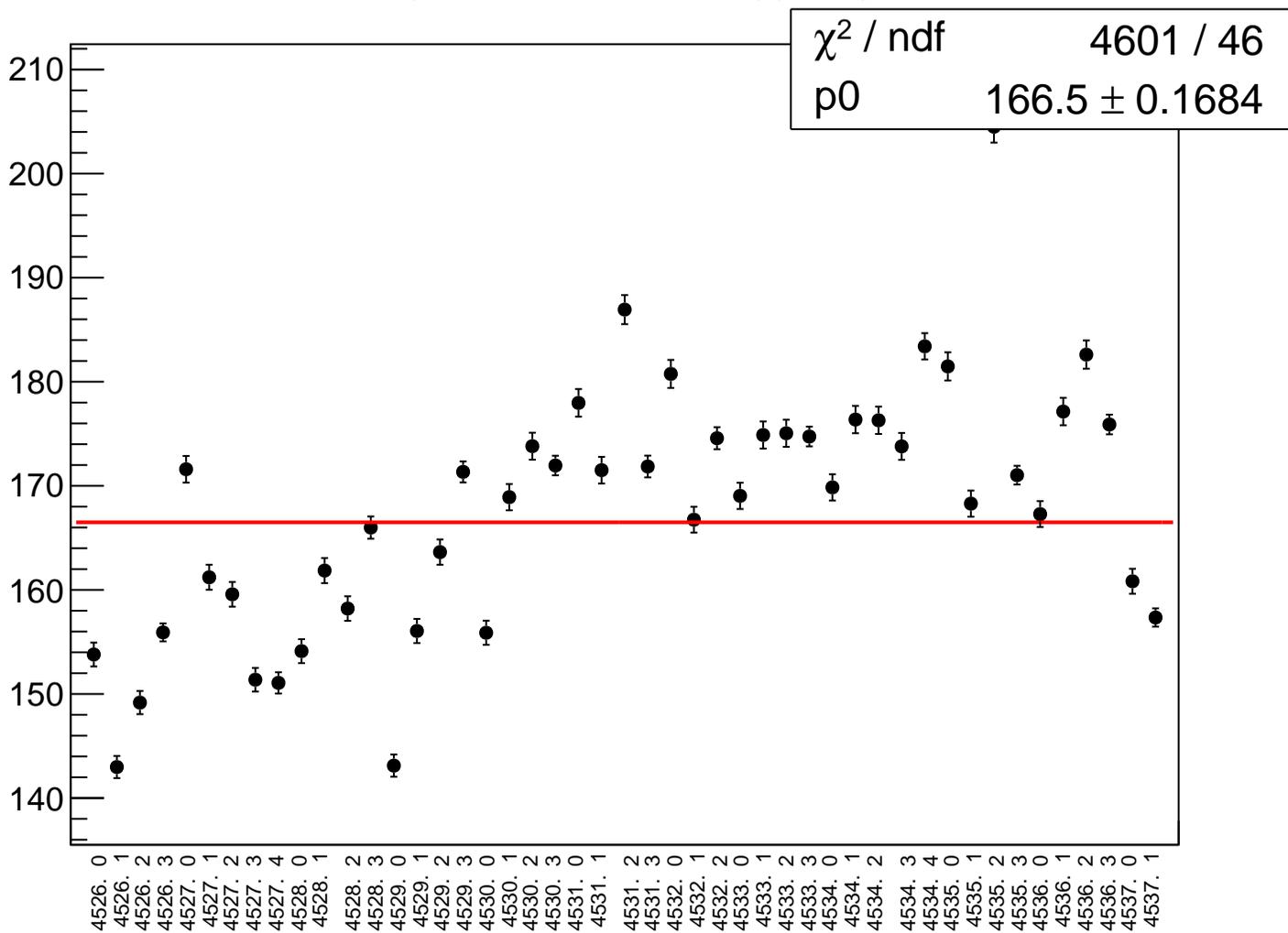
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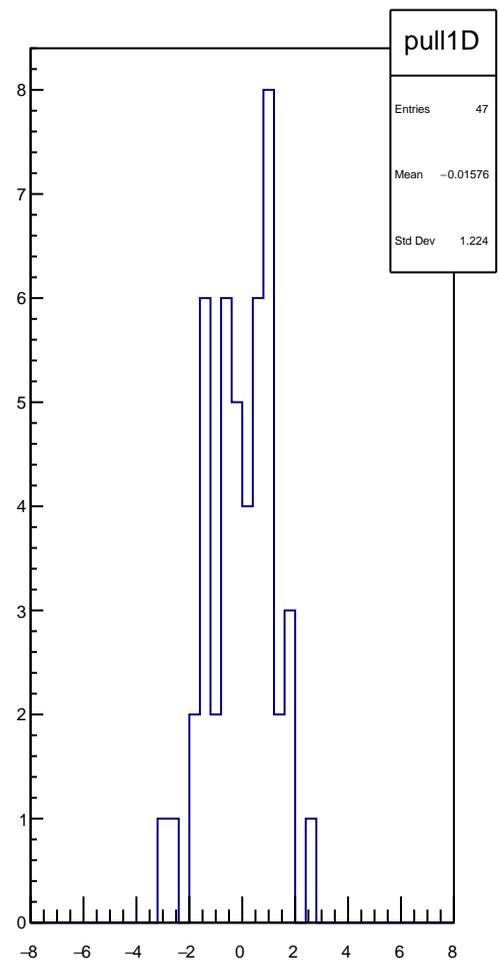
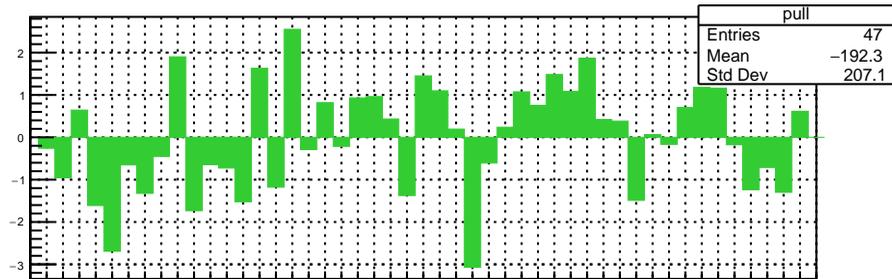
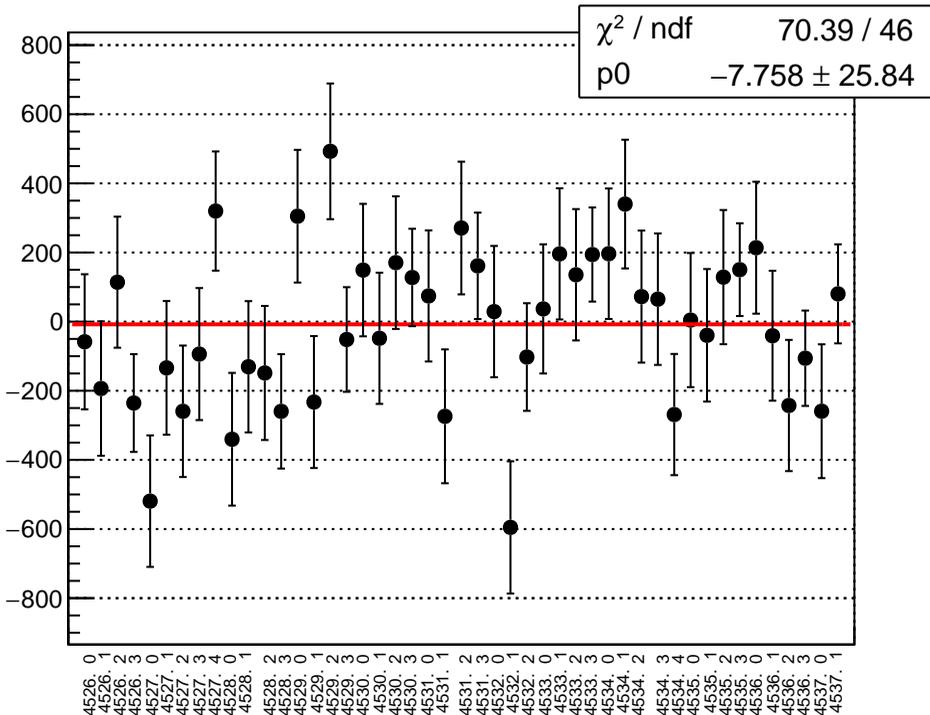
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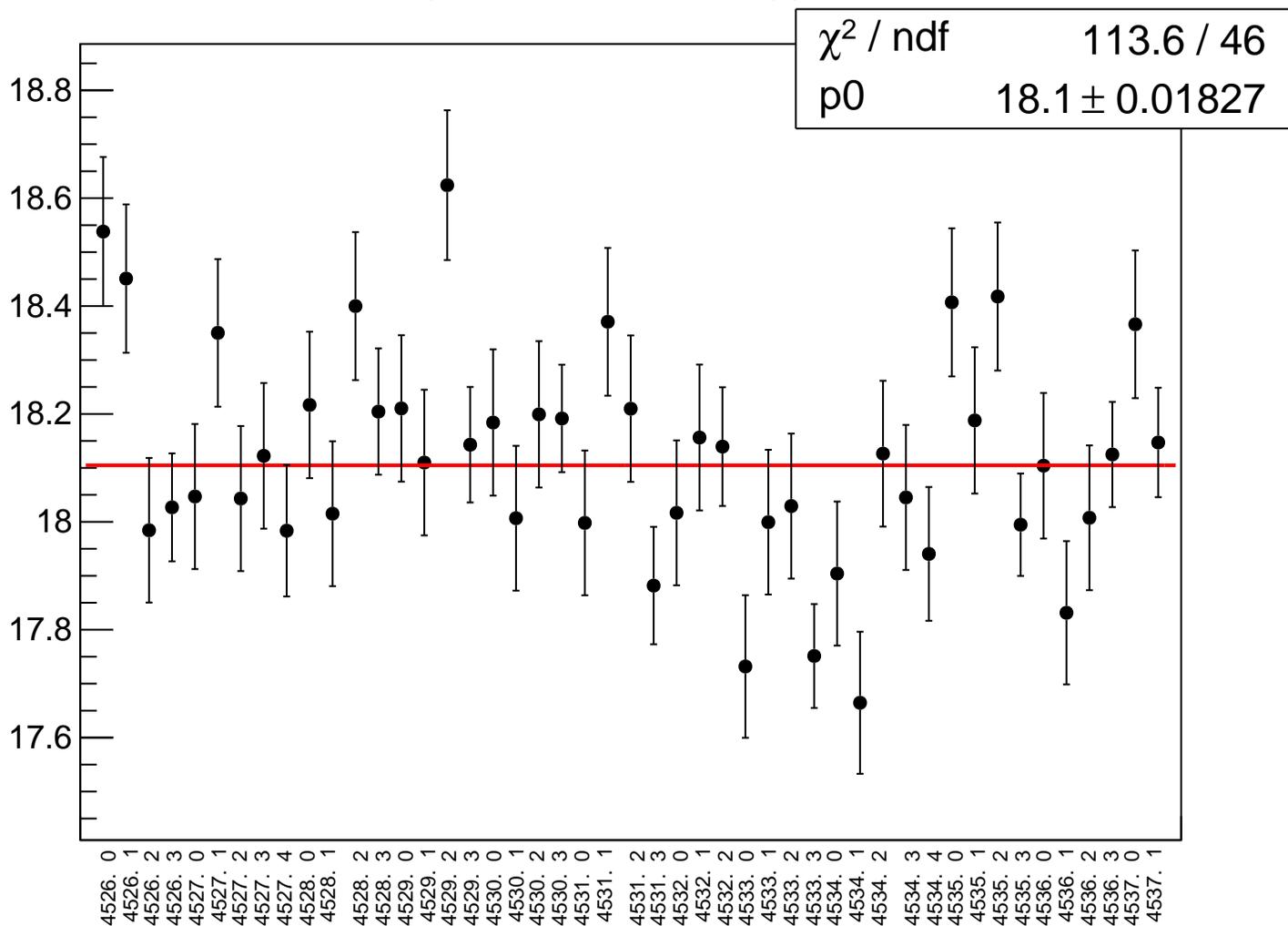
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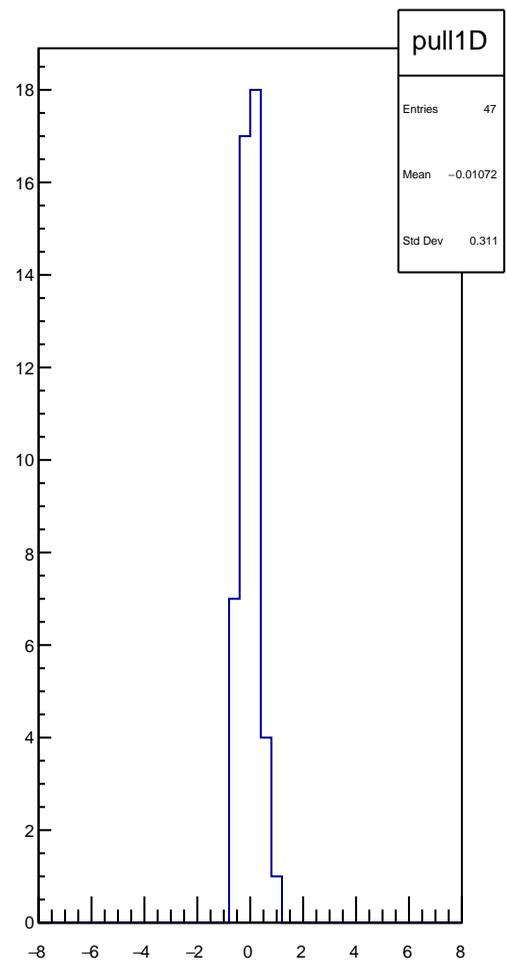
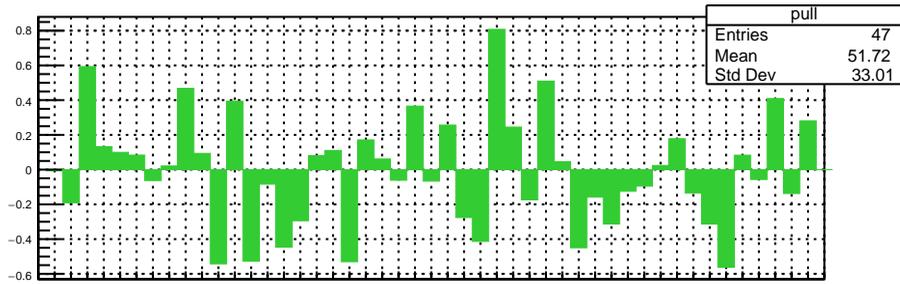
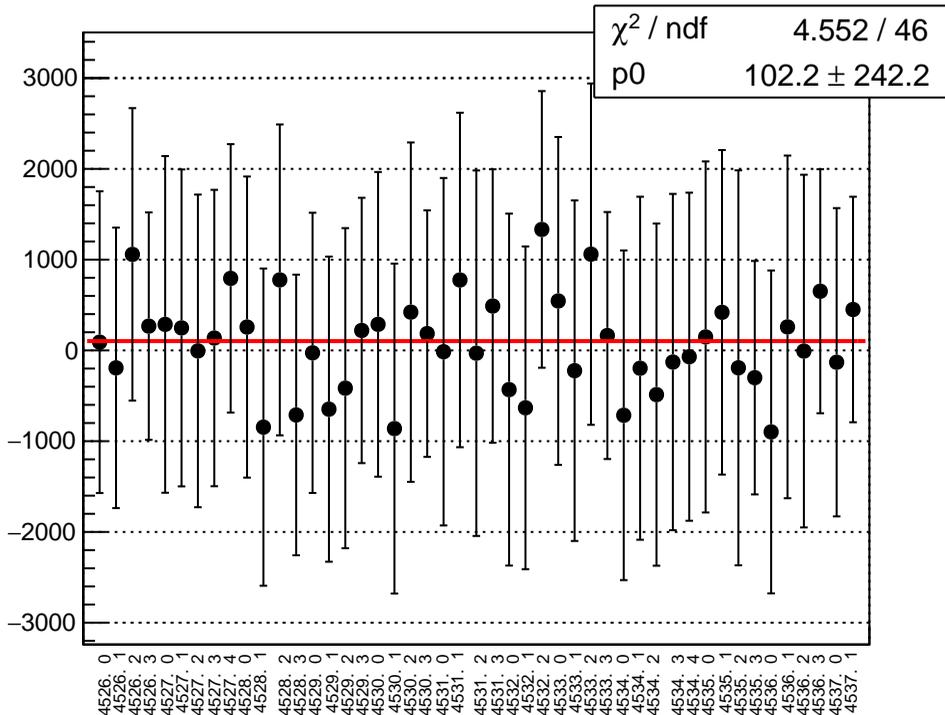
asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_dd\_mean vs run



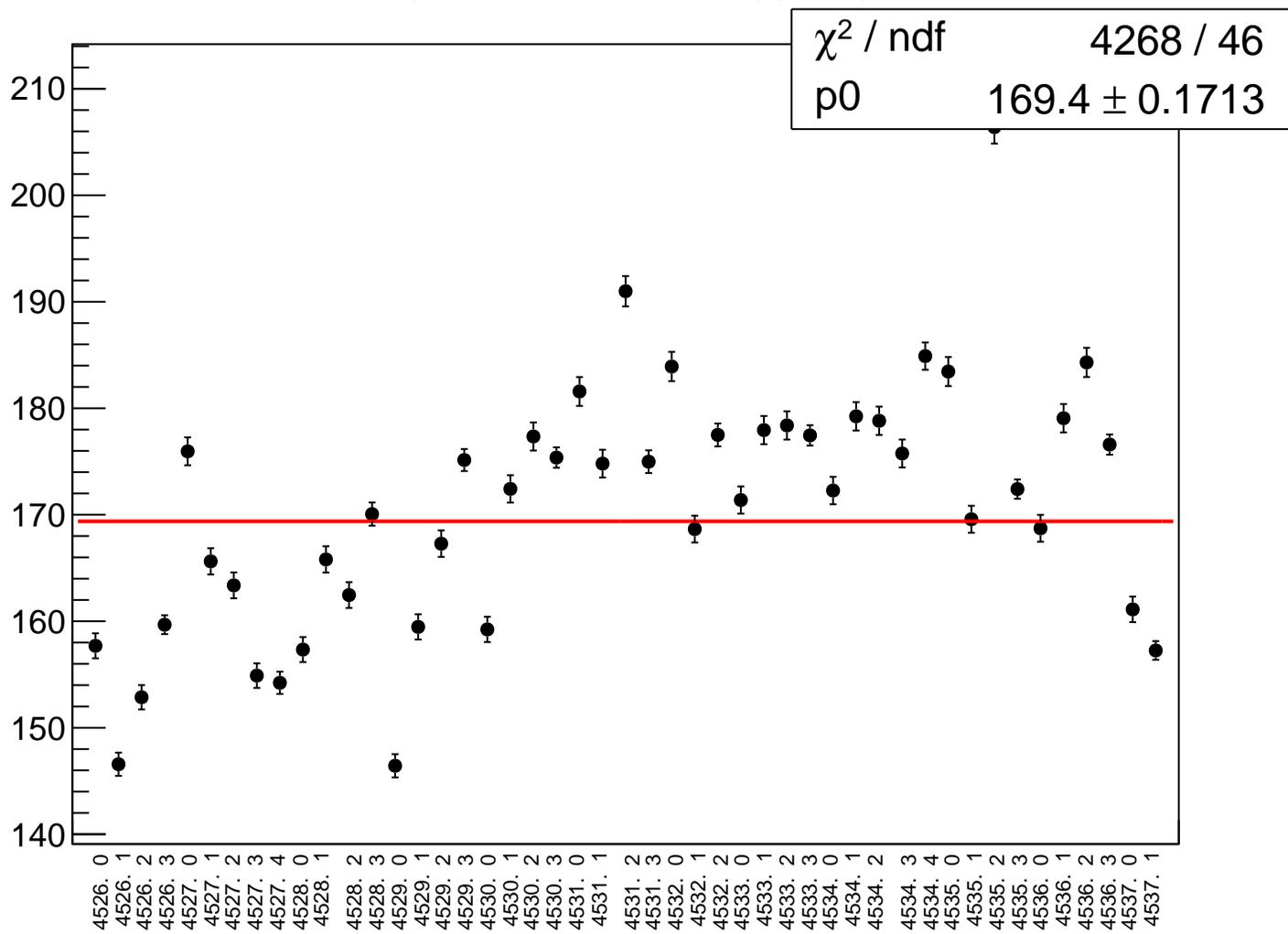
asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_dd\_rms vs run



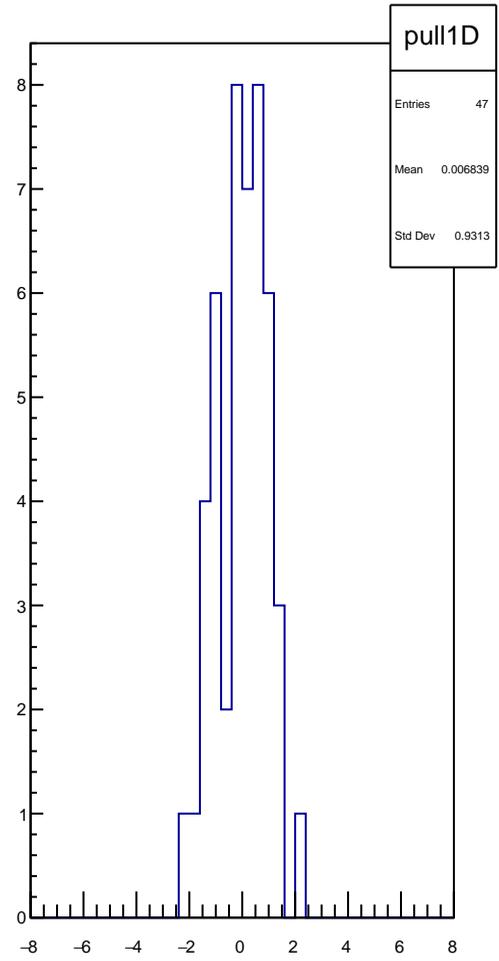
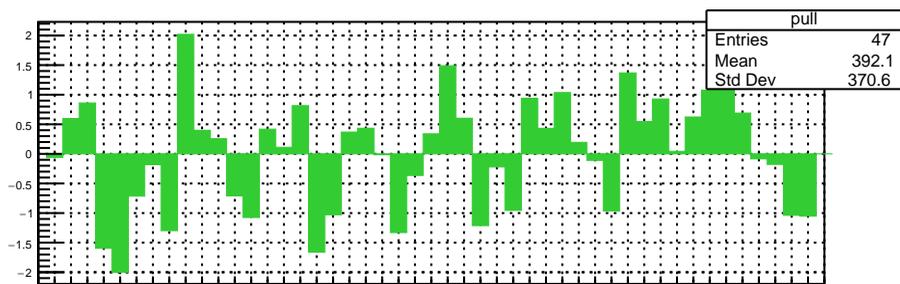
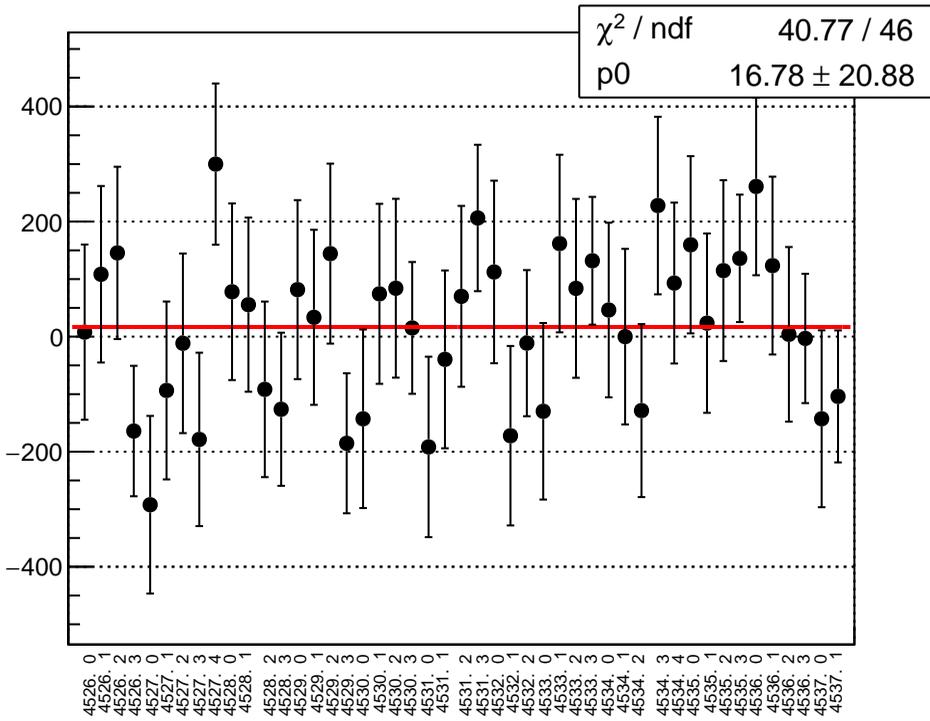
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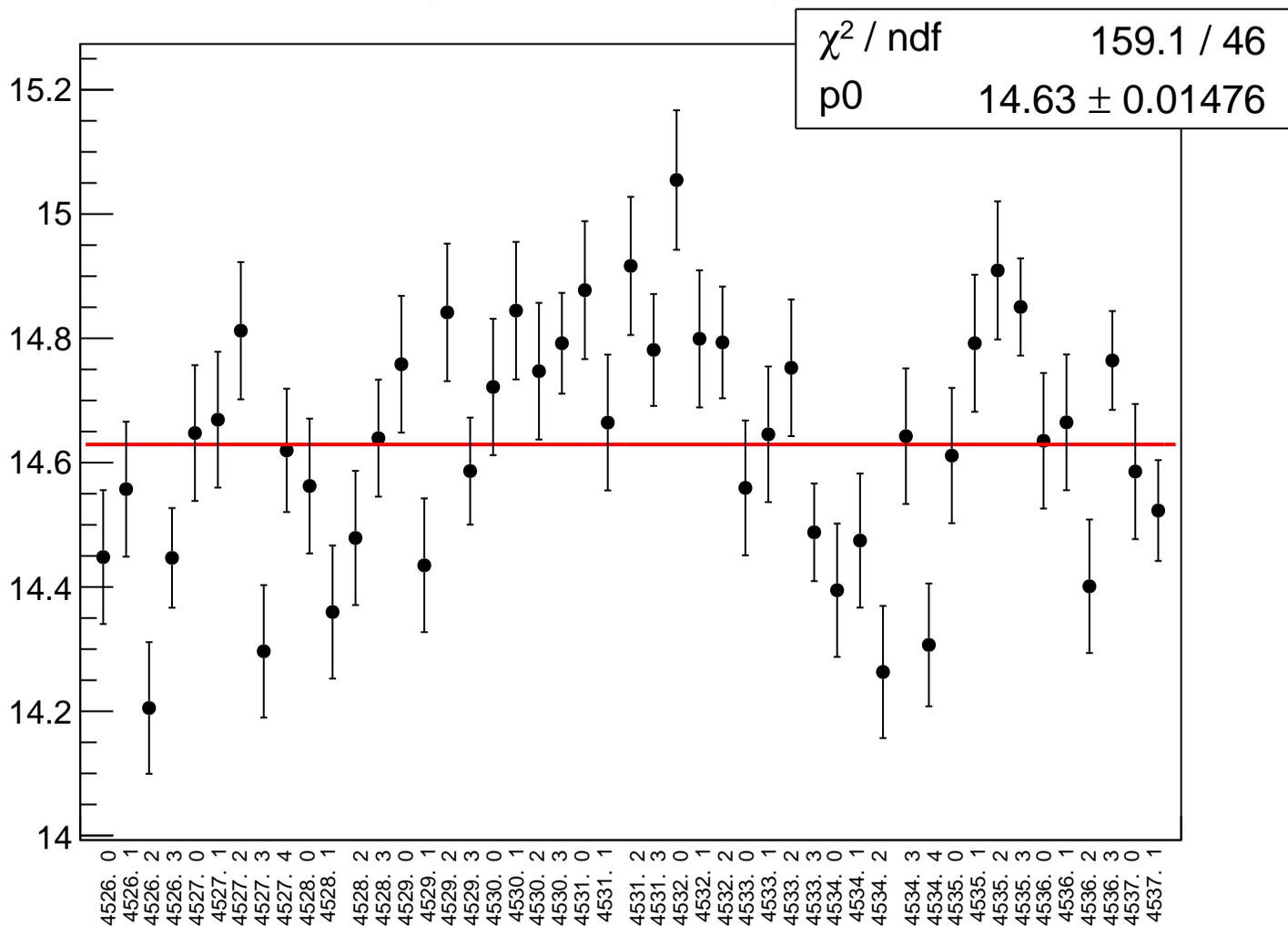
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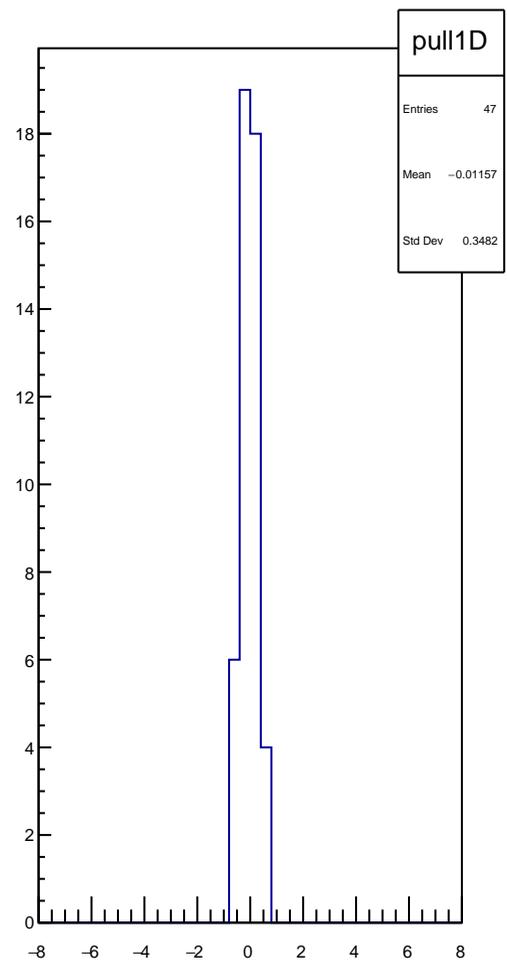
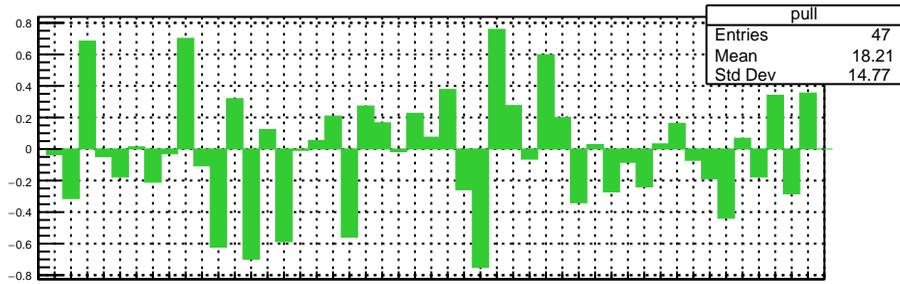
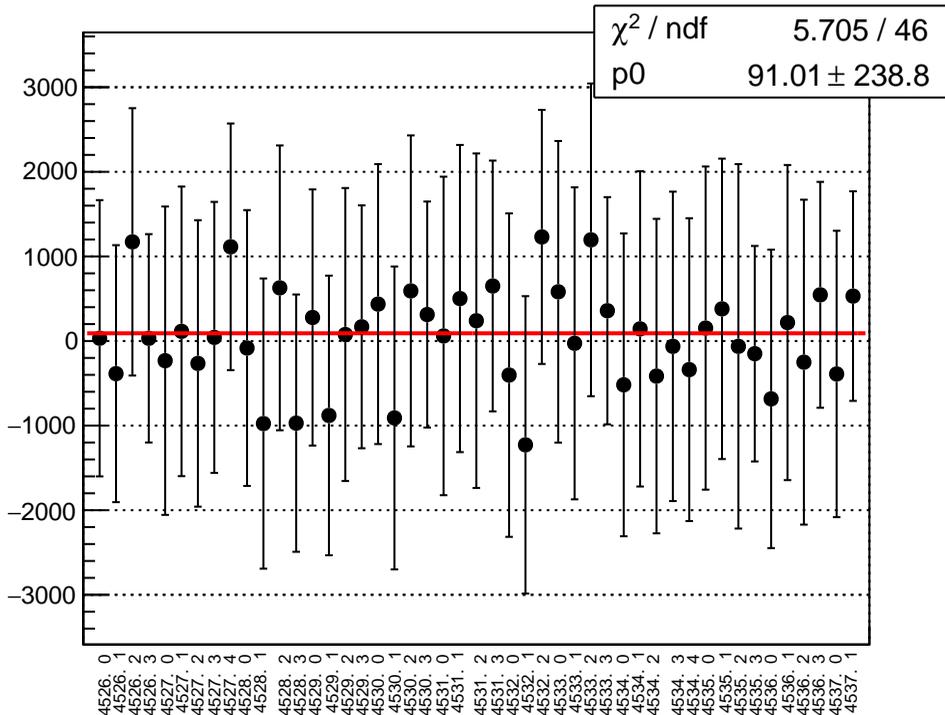
asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_dd\_mean vs run



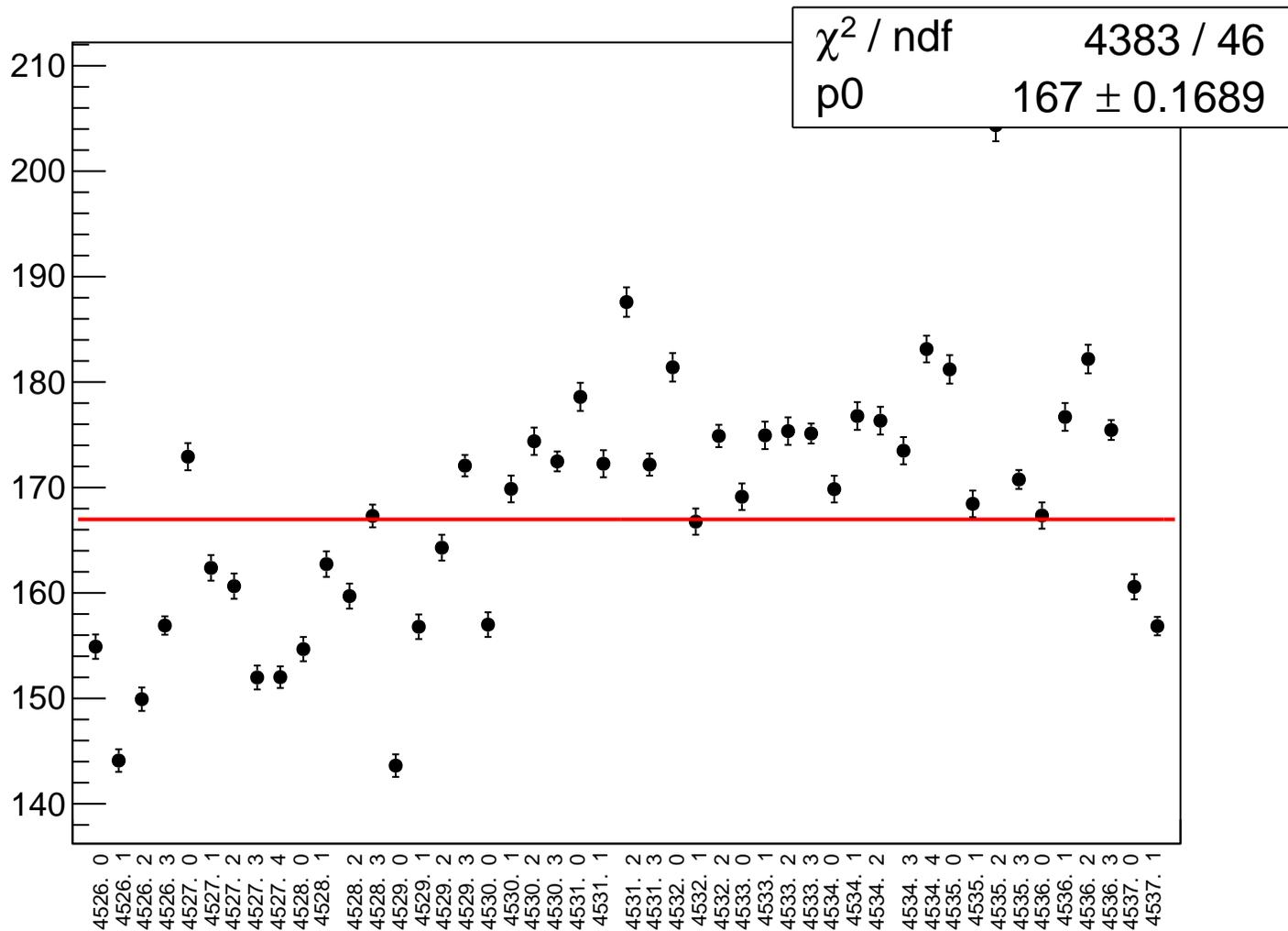
asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_dd\_rms vs run



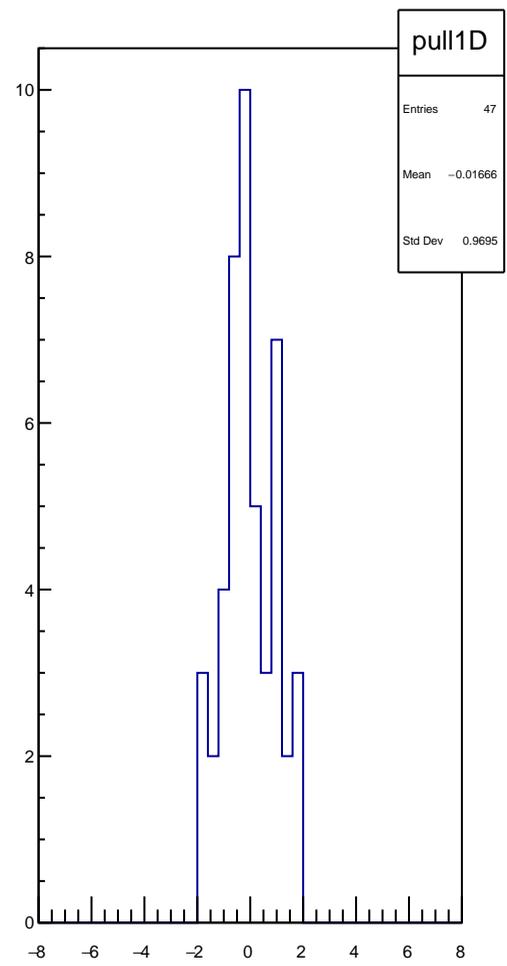
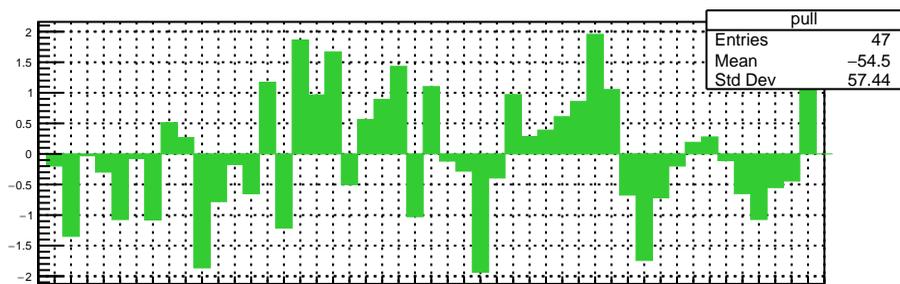
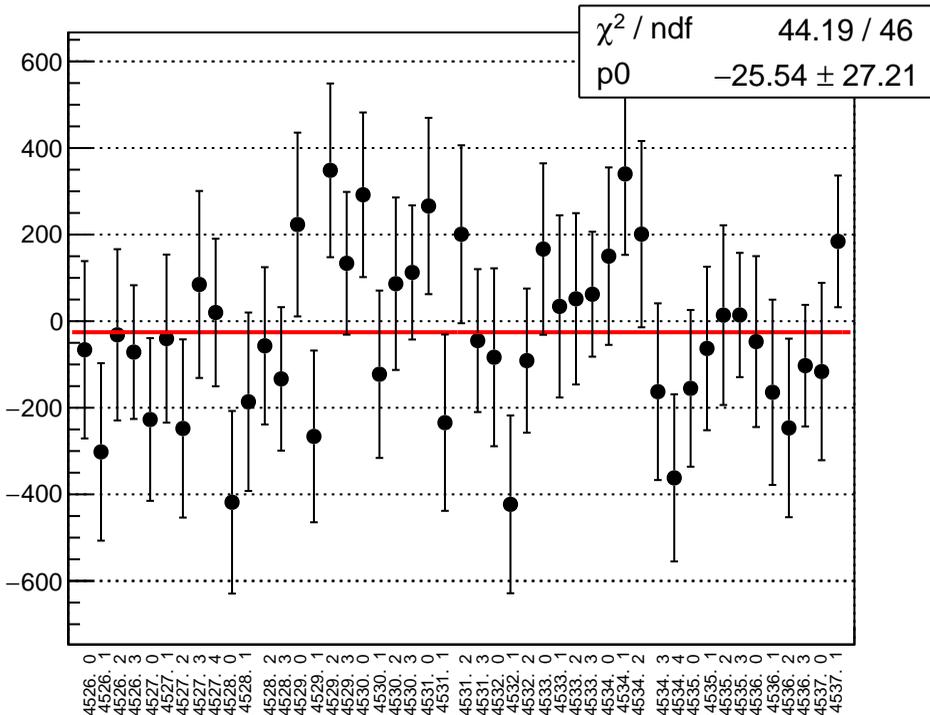
asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_avg\_mean vs run



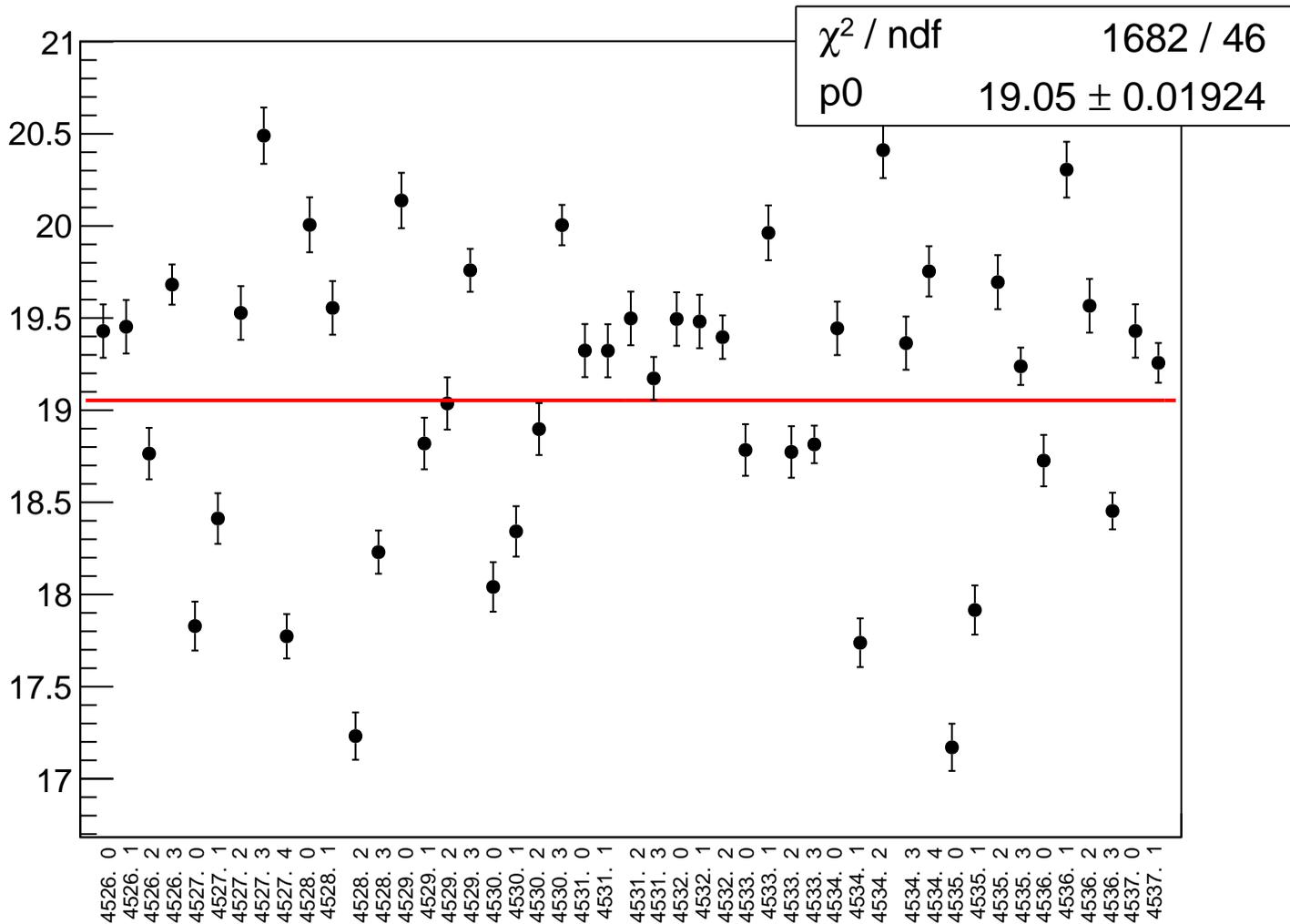
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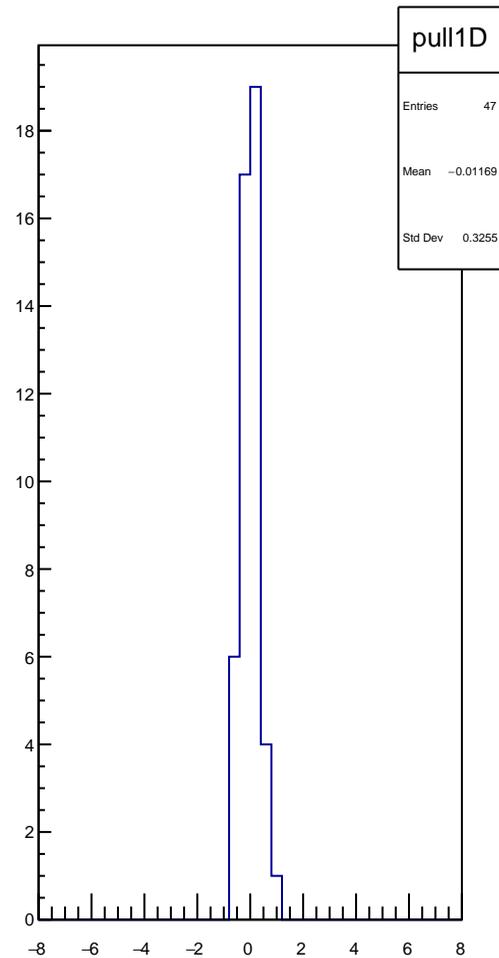
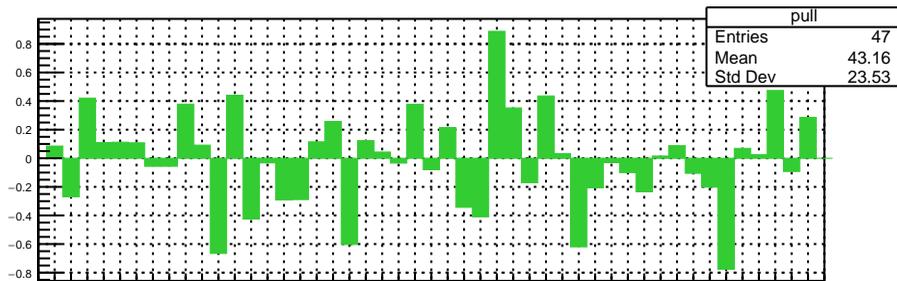
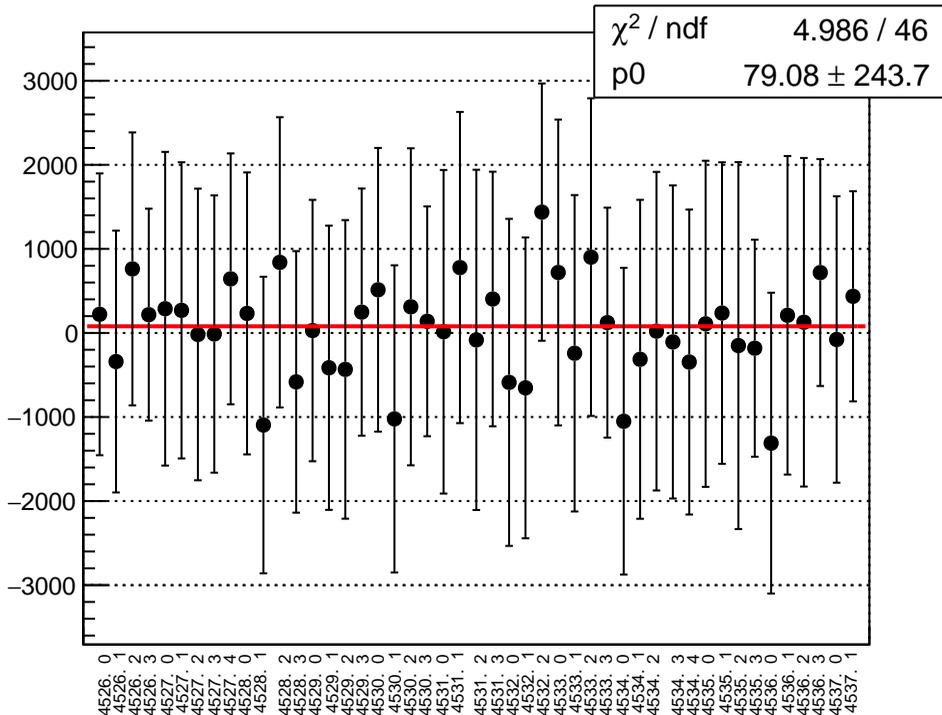
asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_dd\_mean vs run



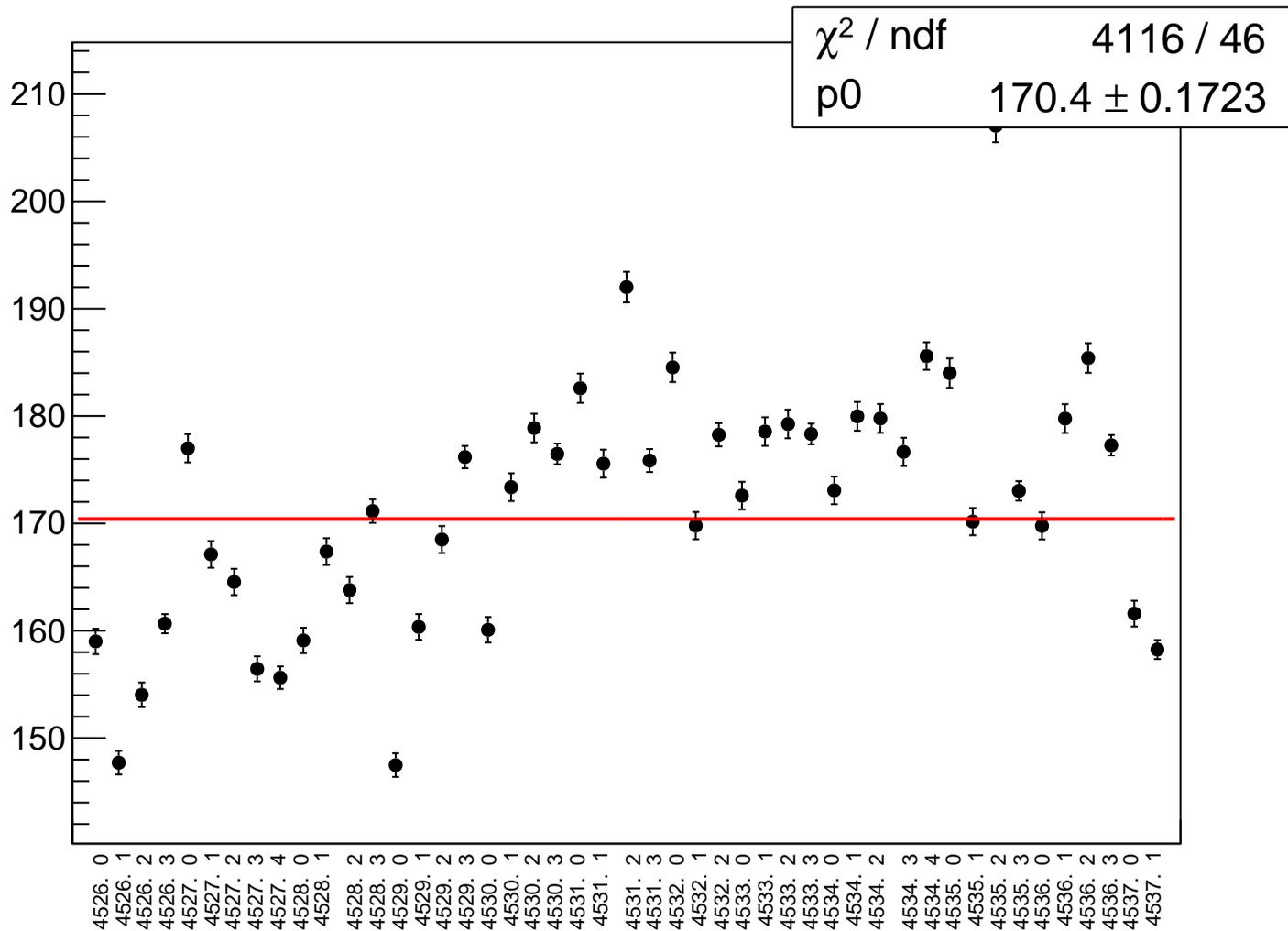
asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_dd\_rms vs run



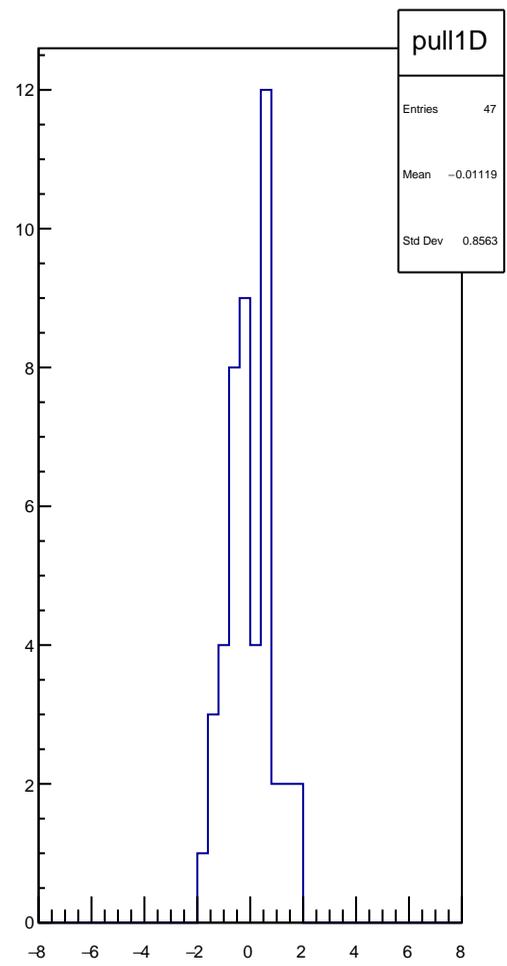
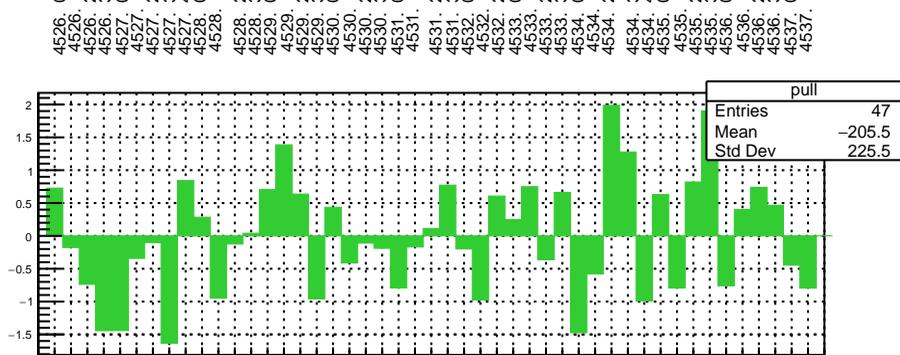
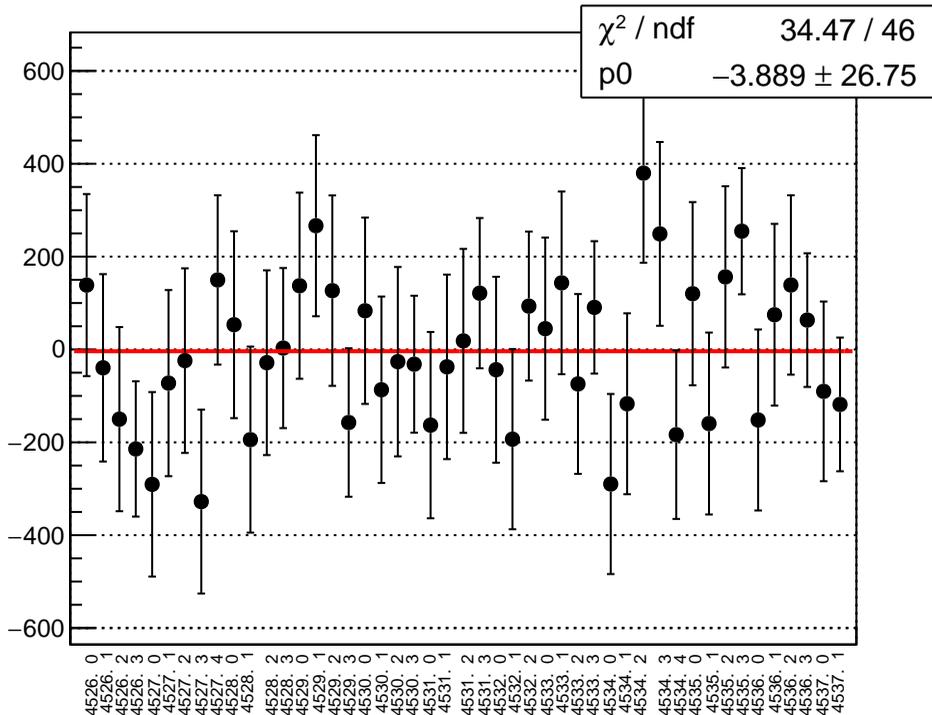
asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_avg\_mean vs run



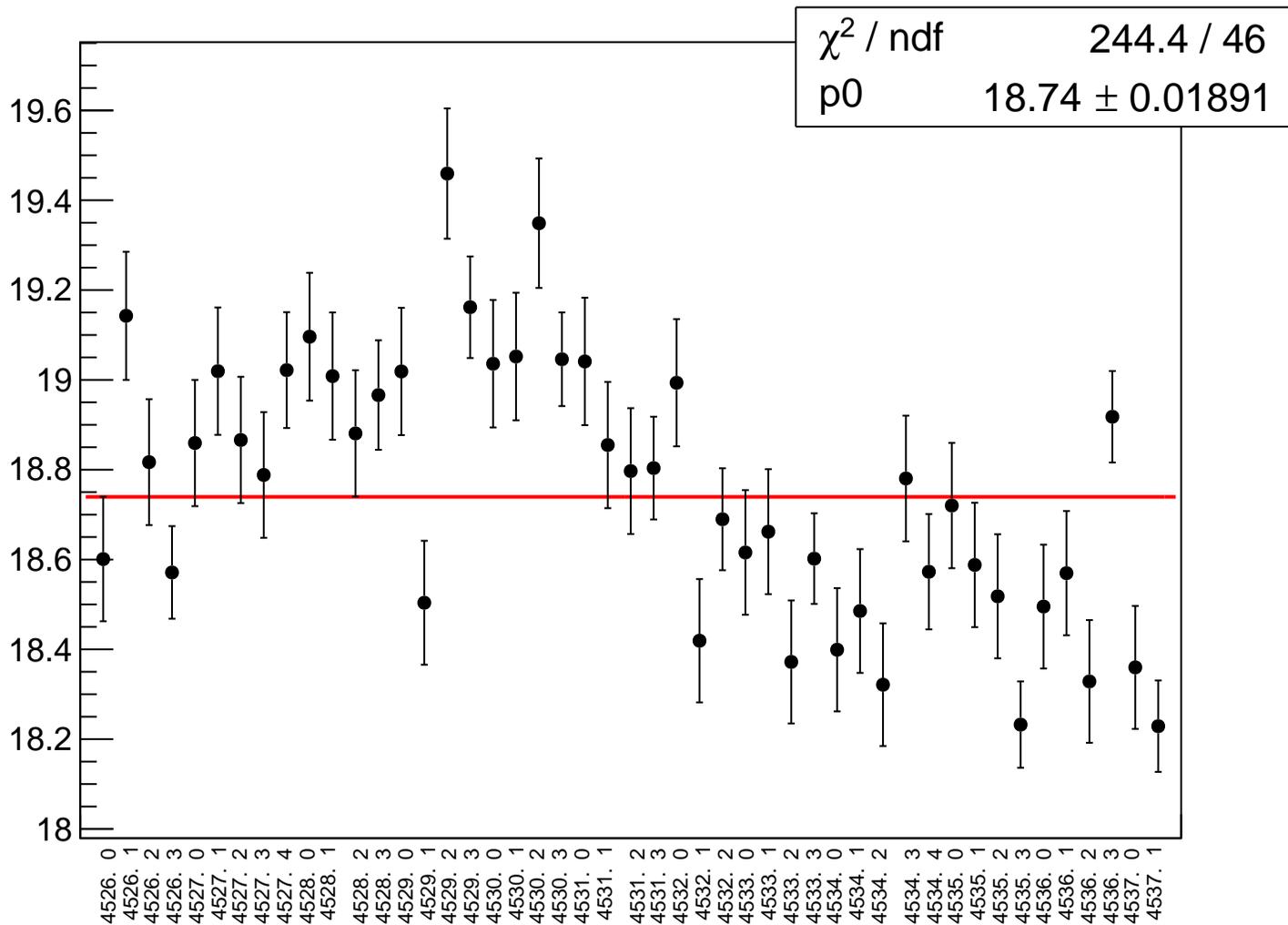
asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_avg\_rms vs run



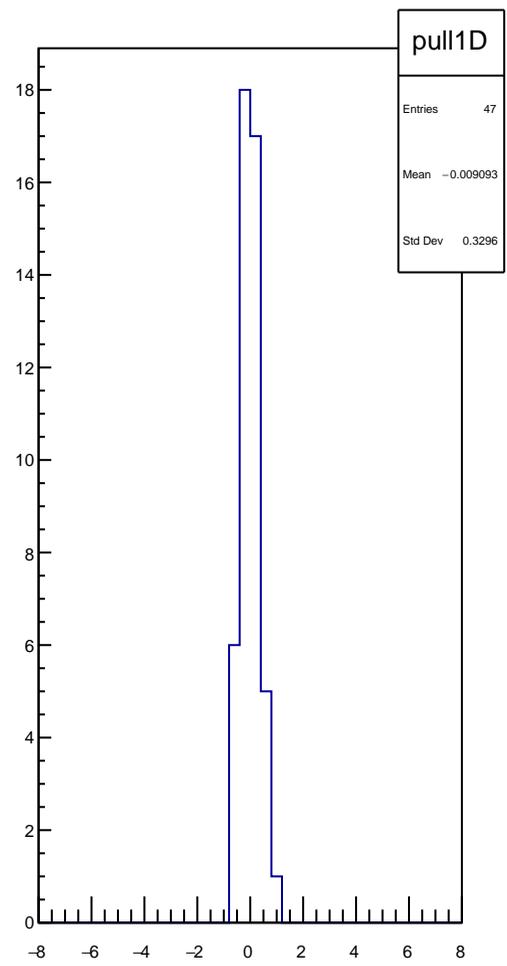
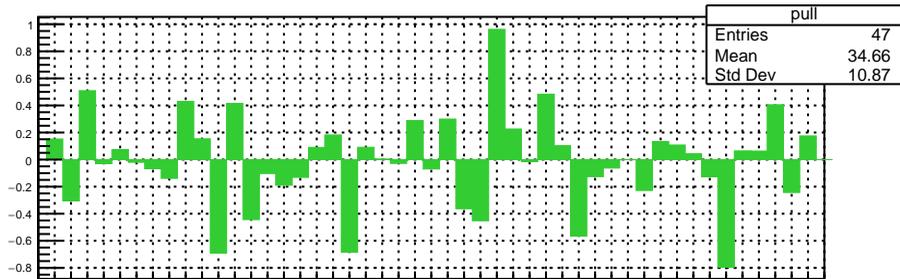
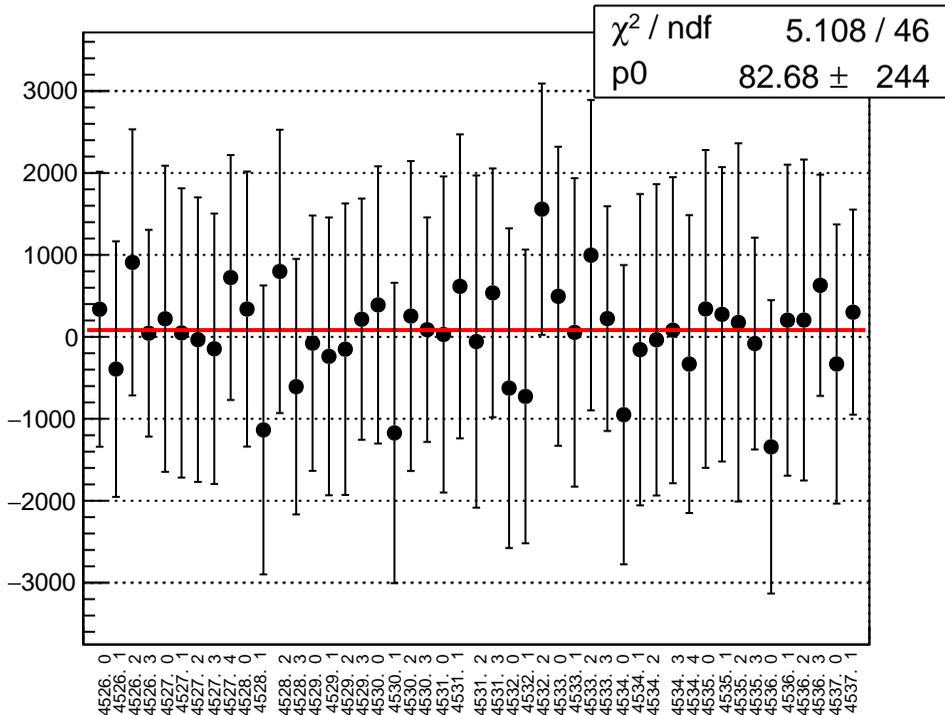
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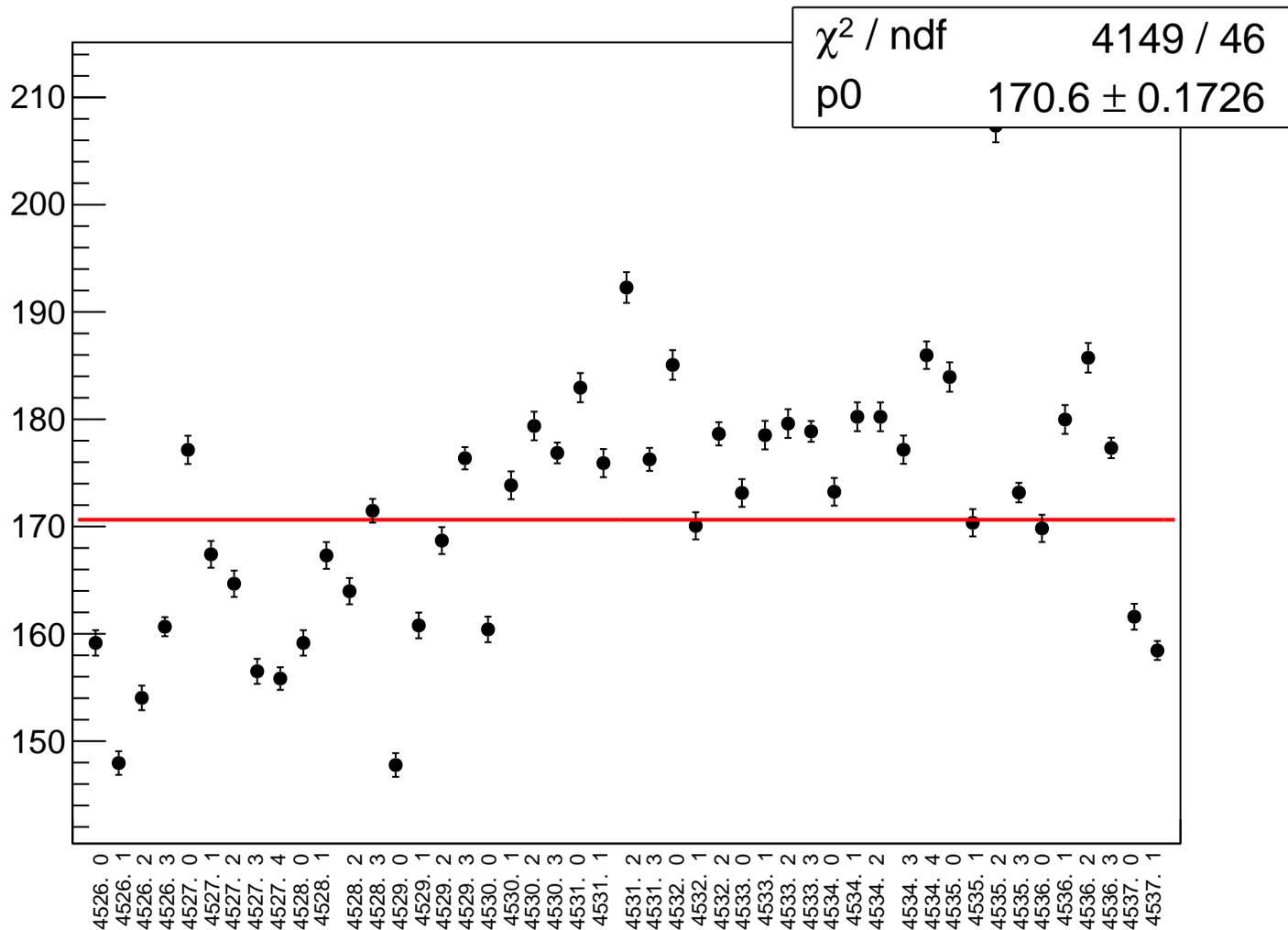
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asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_avg\_mean vs run

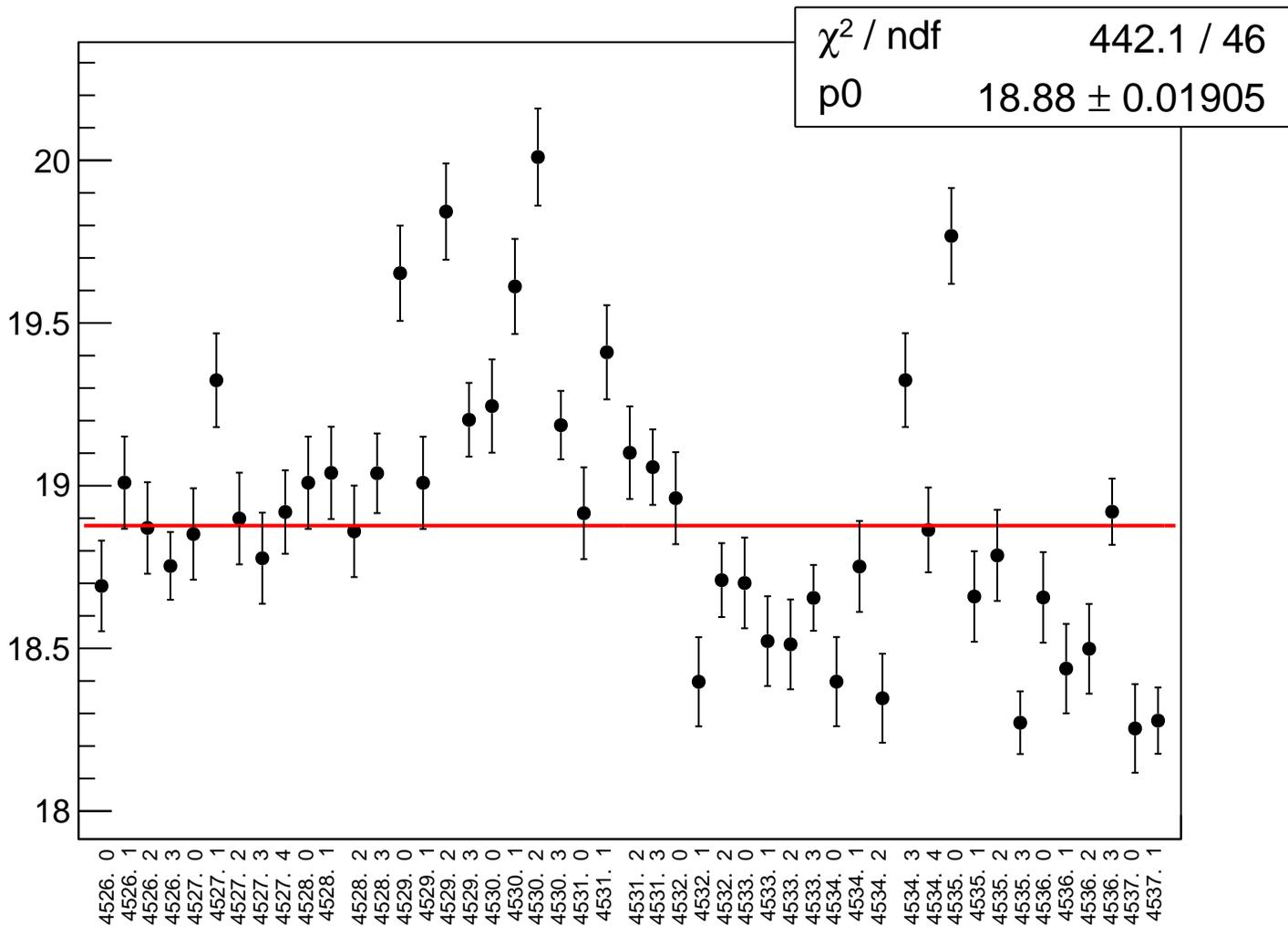


asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_avg\_rms vs run

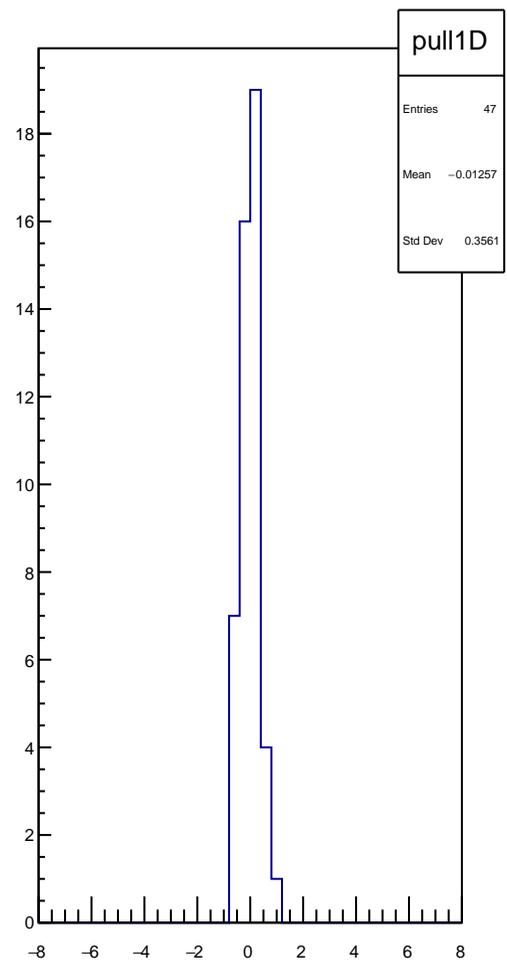
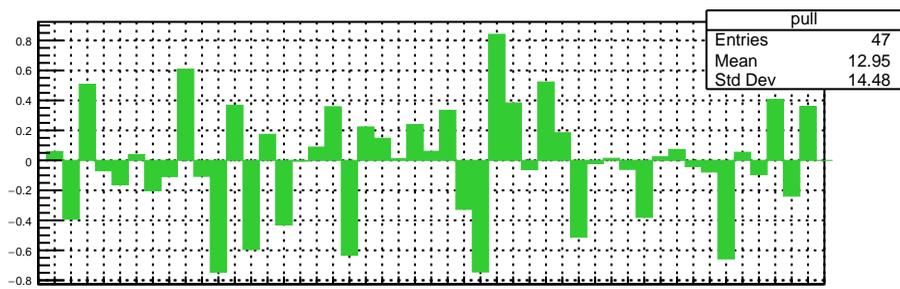
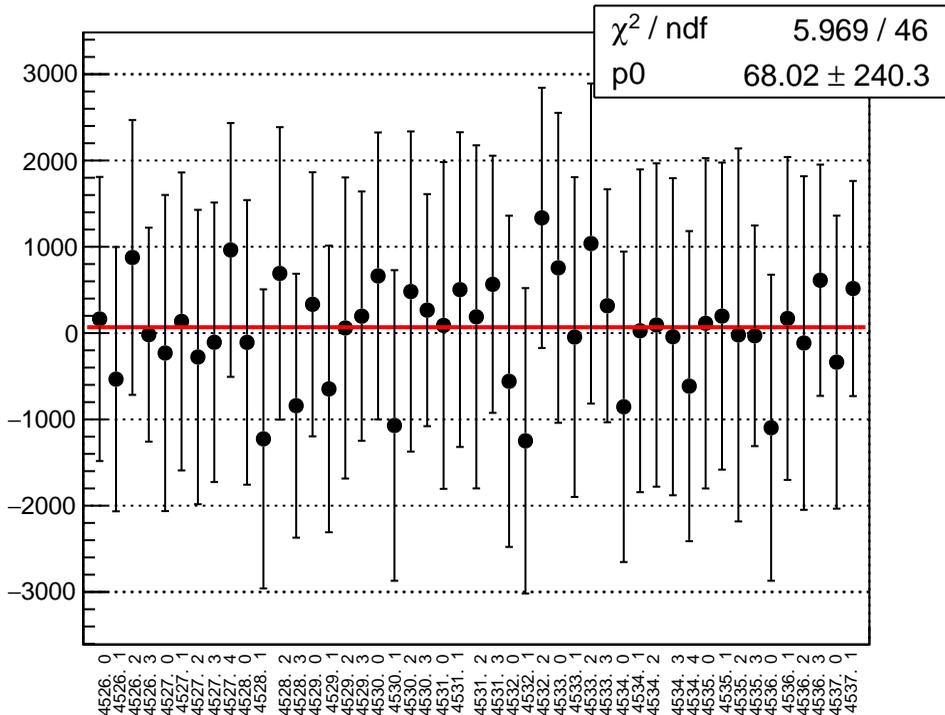




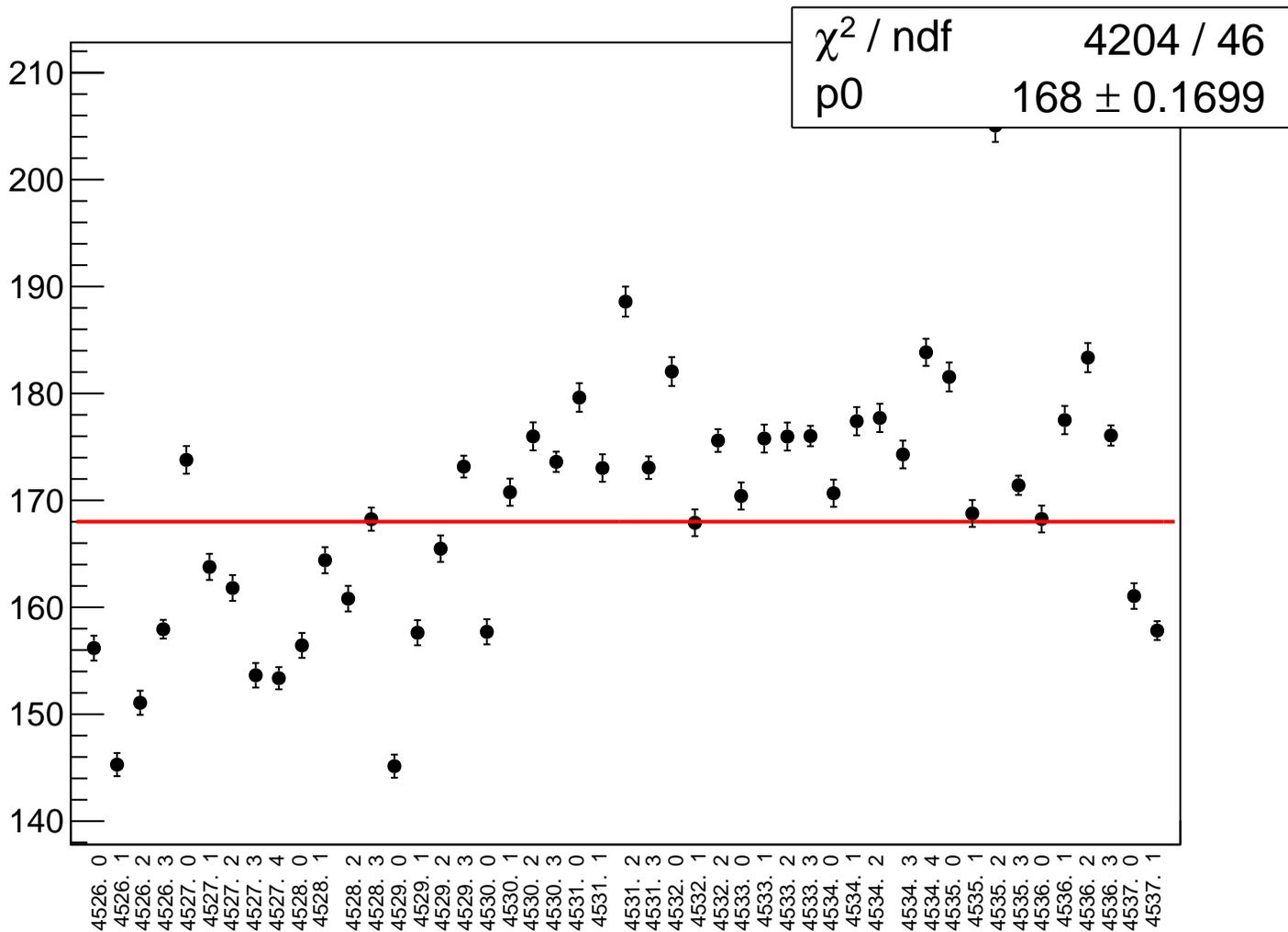
asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_dd\_rms vs run



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

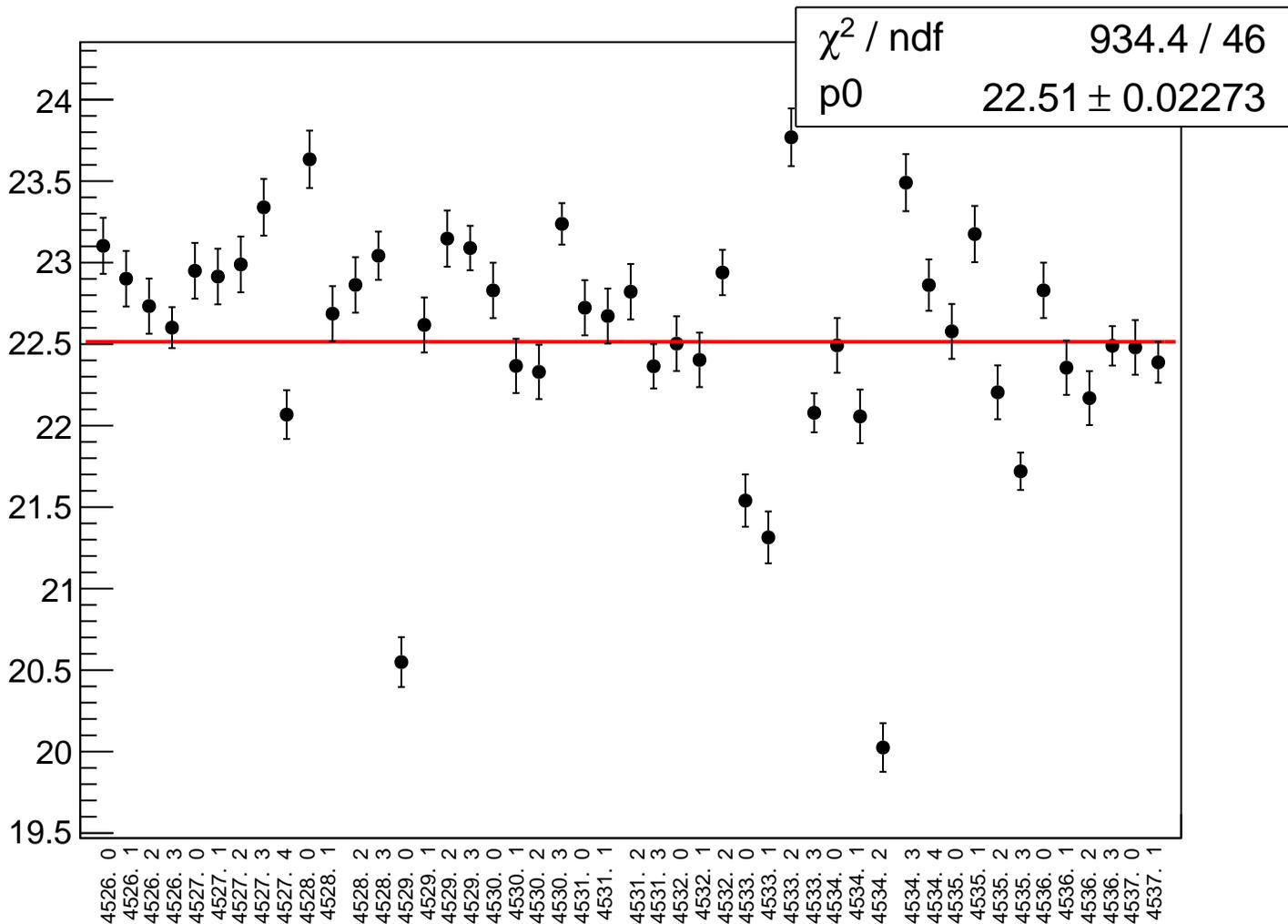


asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_avg\_rms vs run

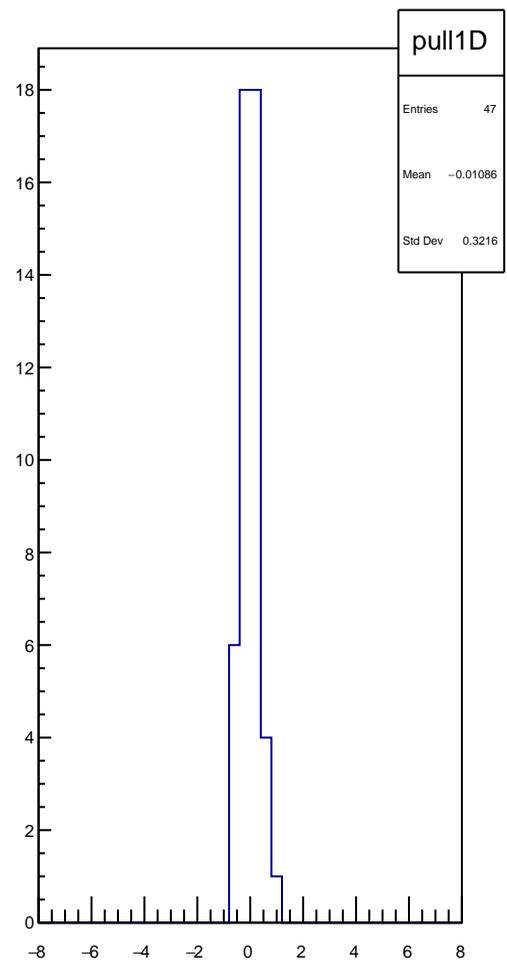
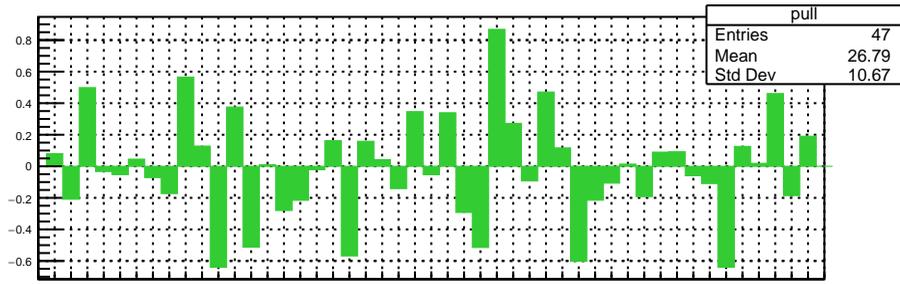
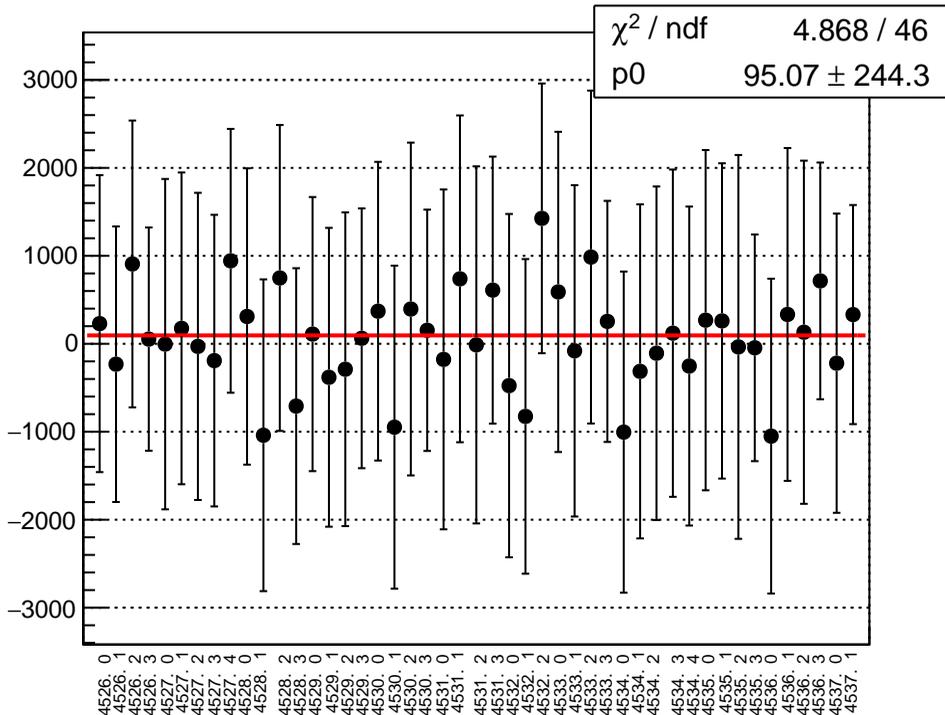




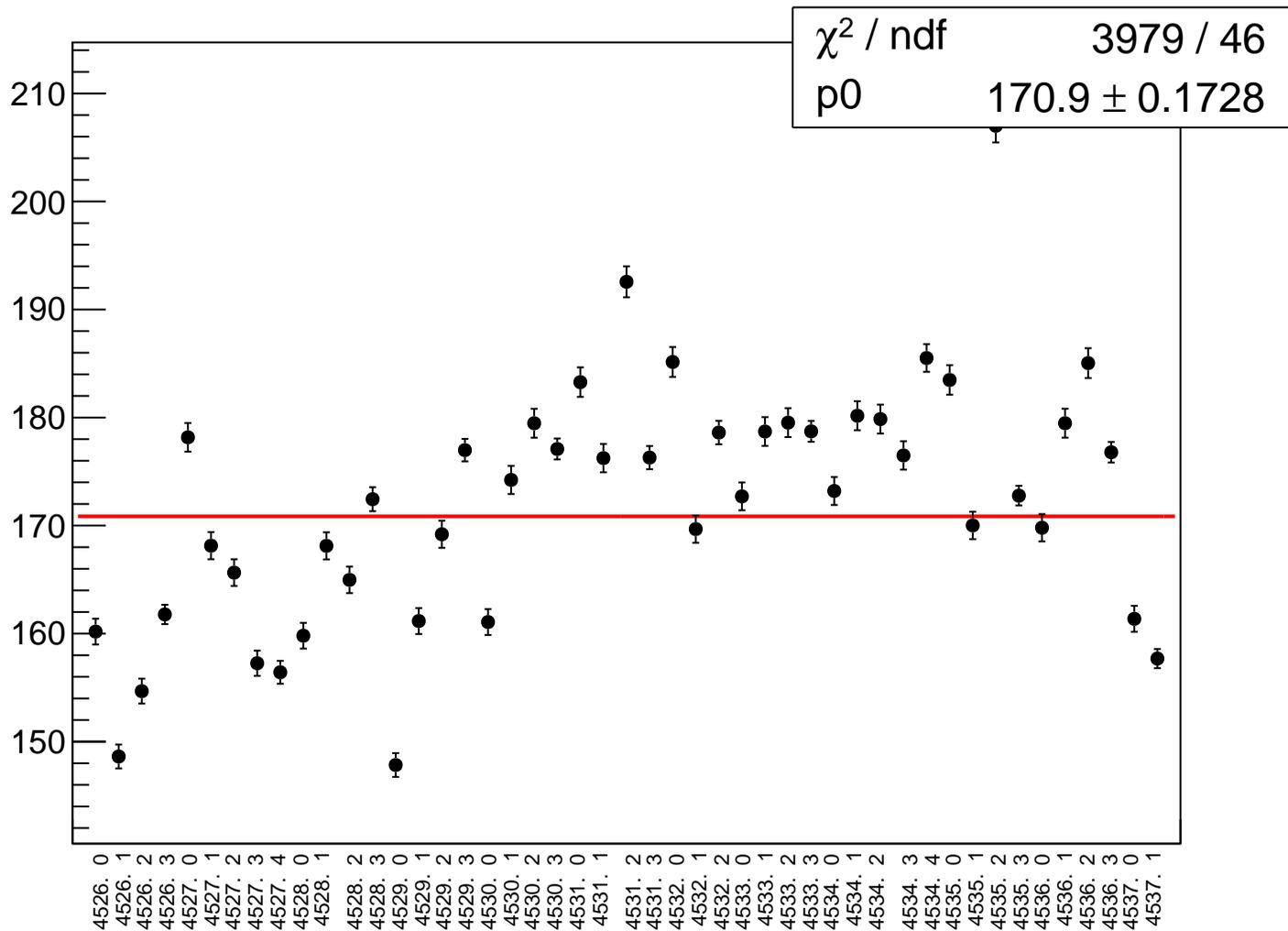
asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_dd\_rms vs run



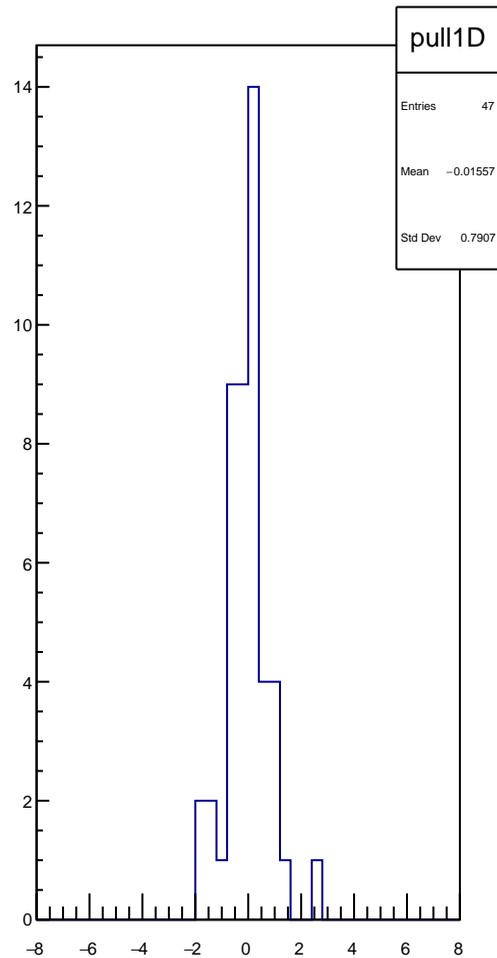
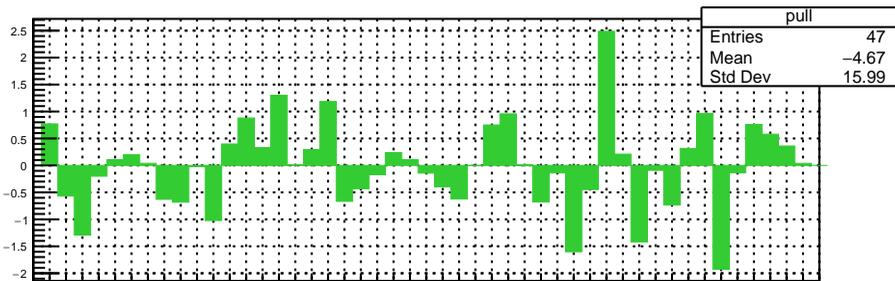
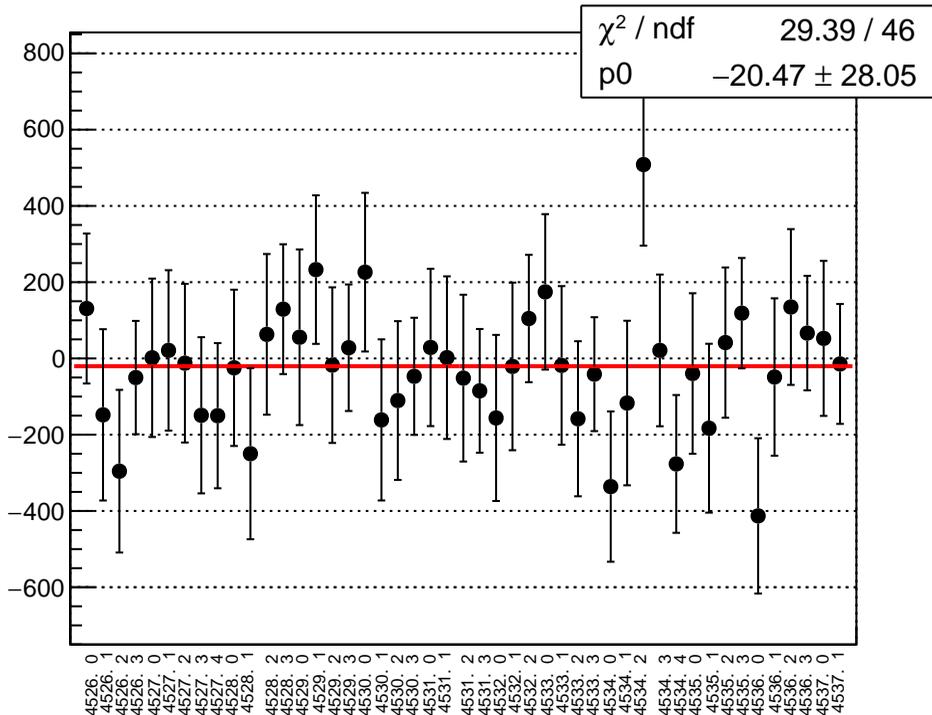
asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_avg\_mean vs run



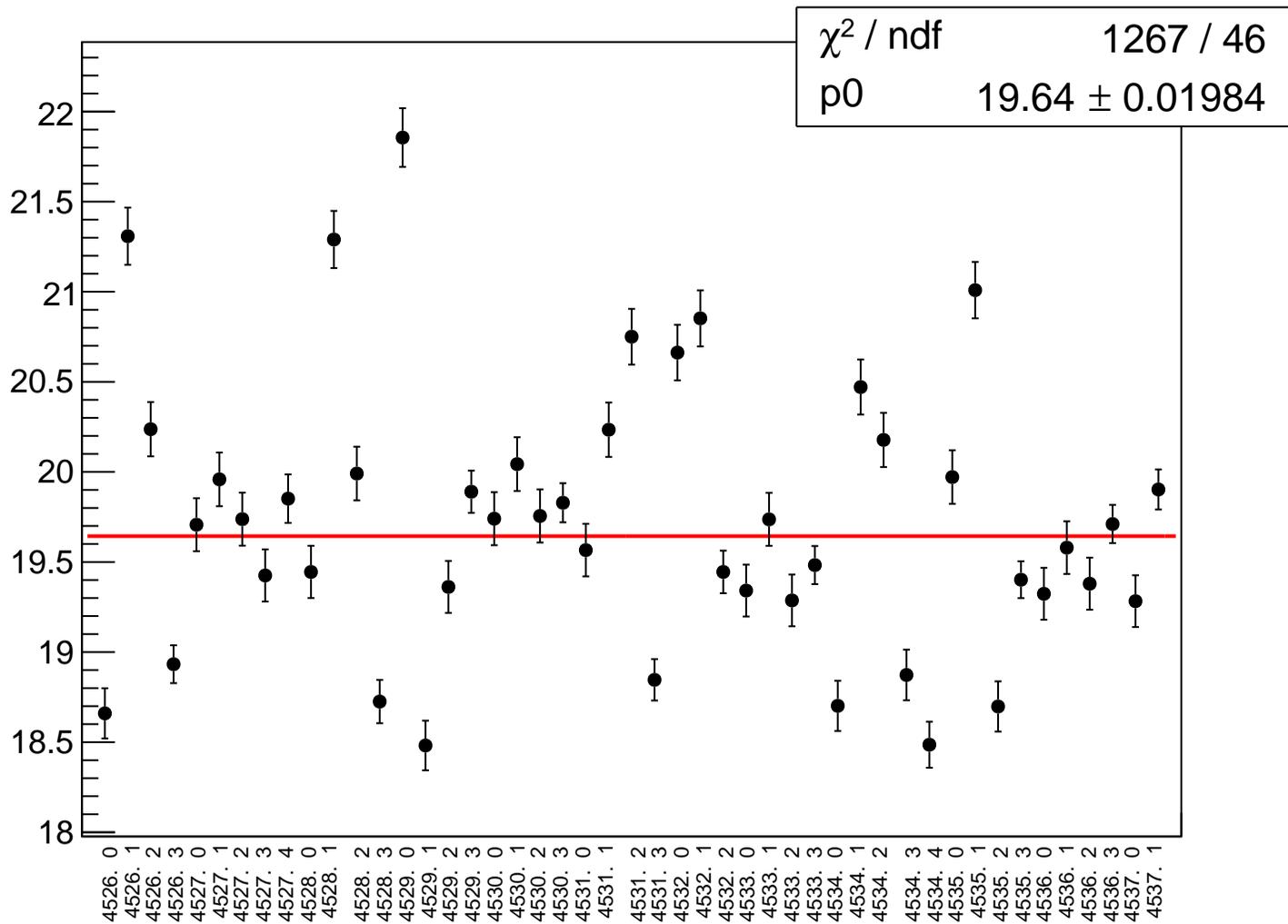
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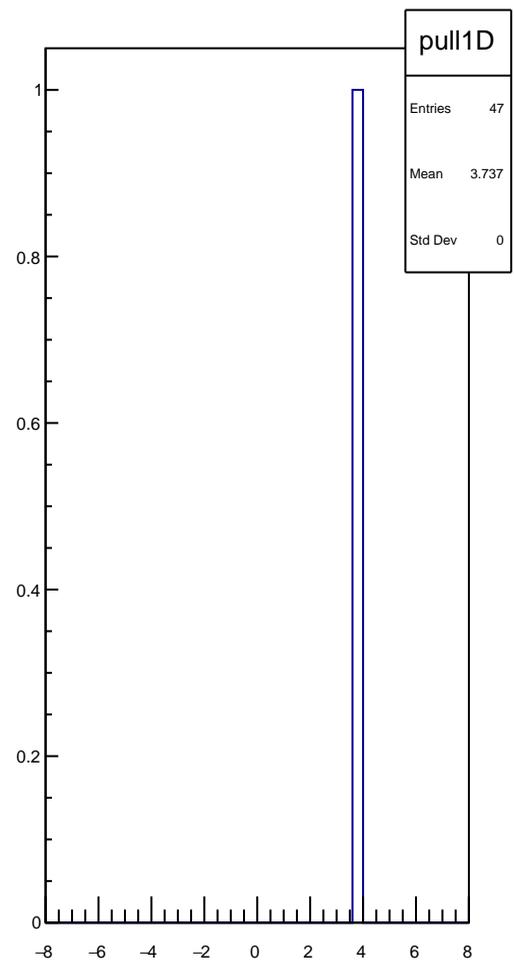
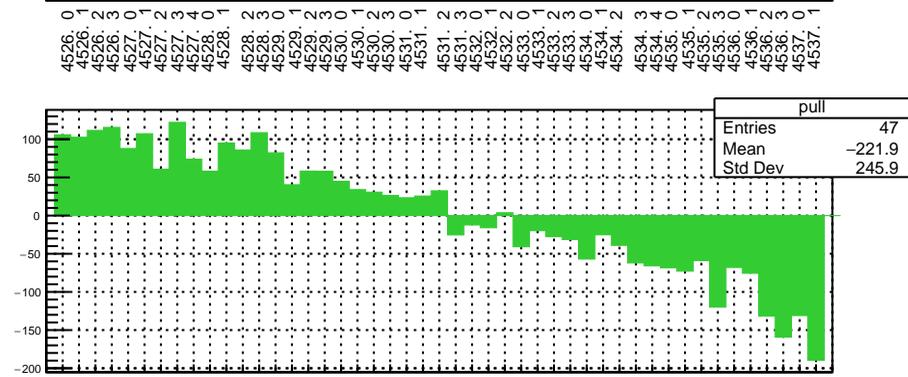
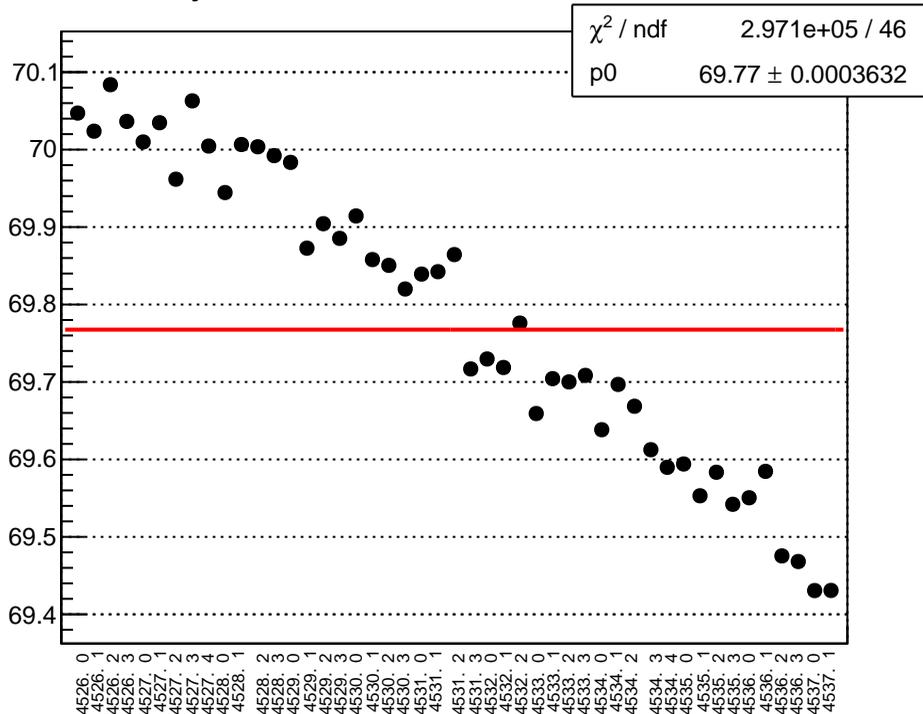
asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_dd\_mean vs run



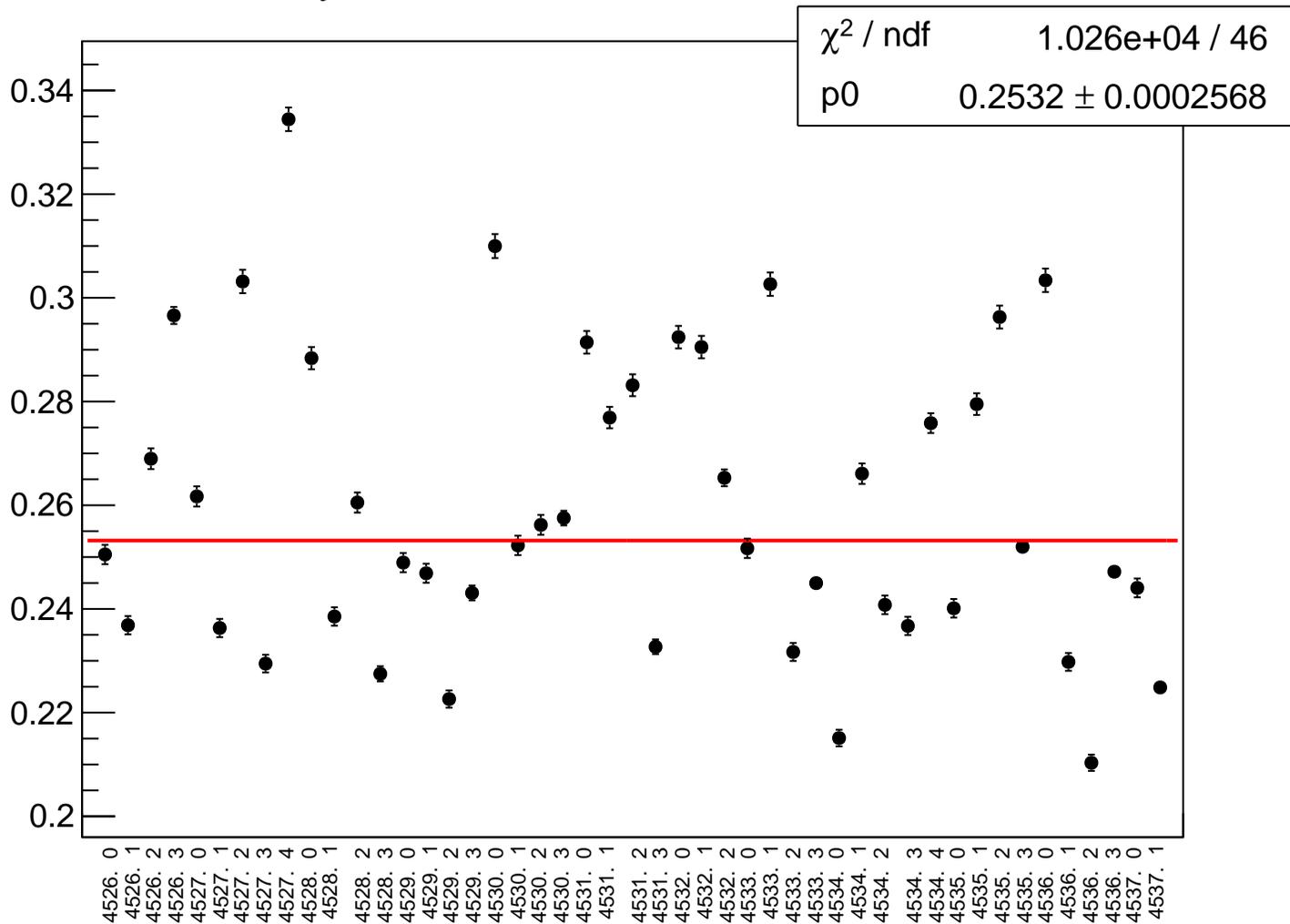
asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_dd\_rms vs run



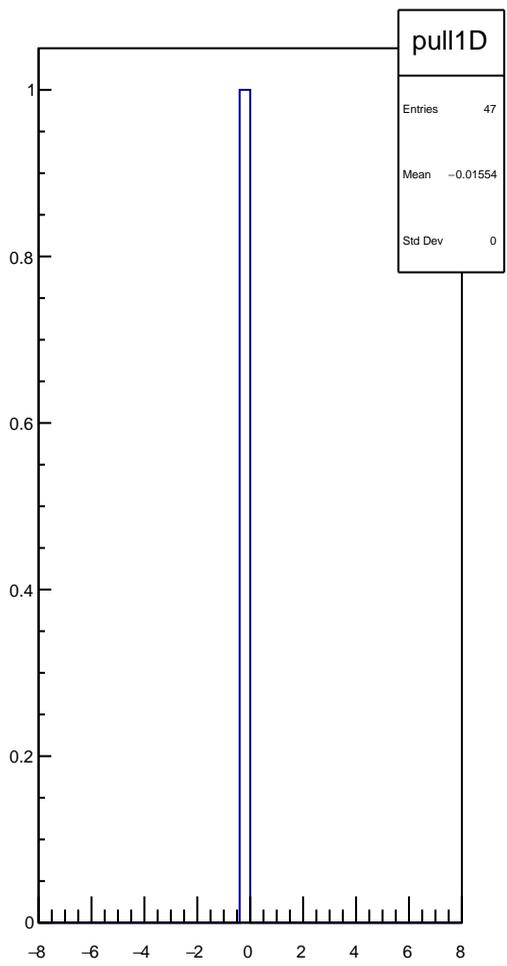
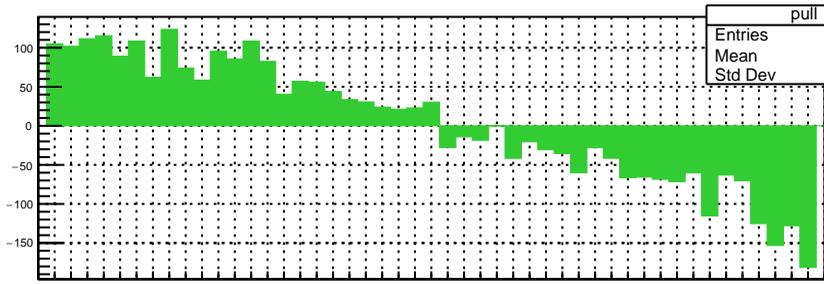
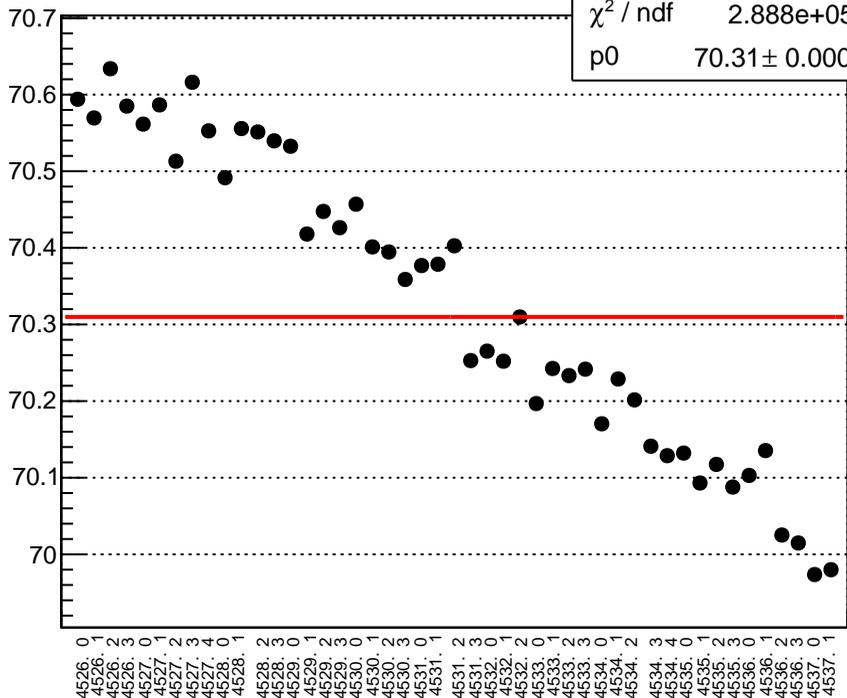
# yield\_bcm\_an\_ds\_mean vs run



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

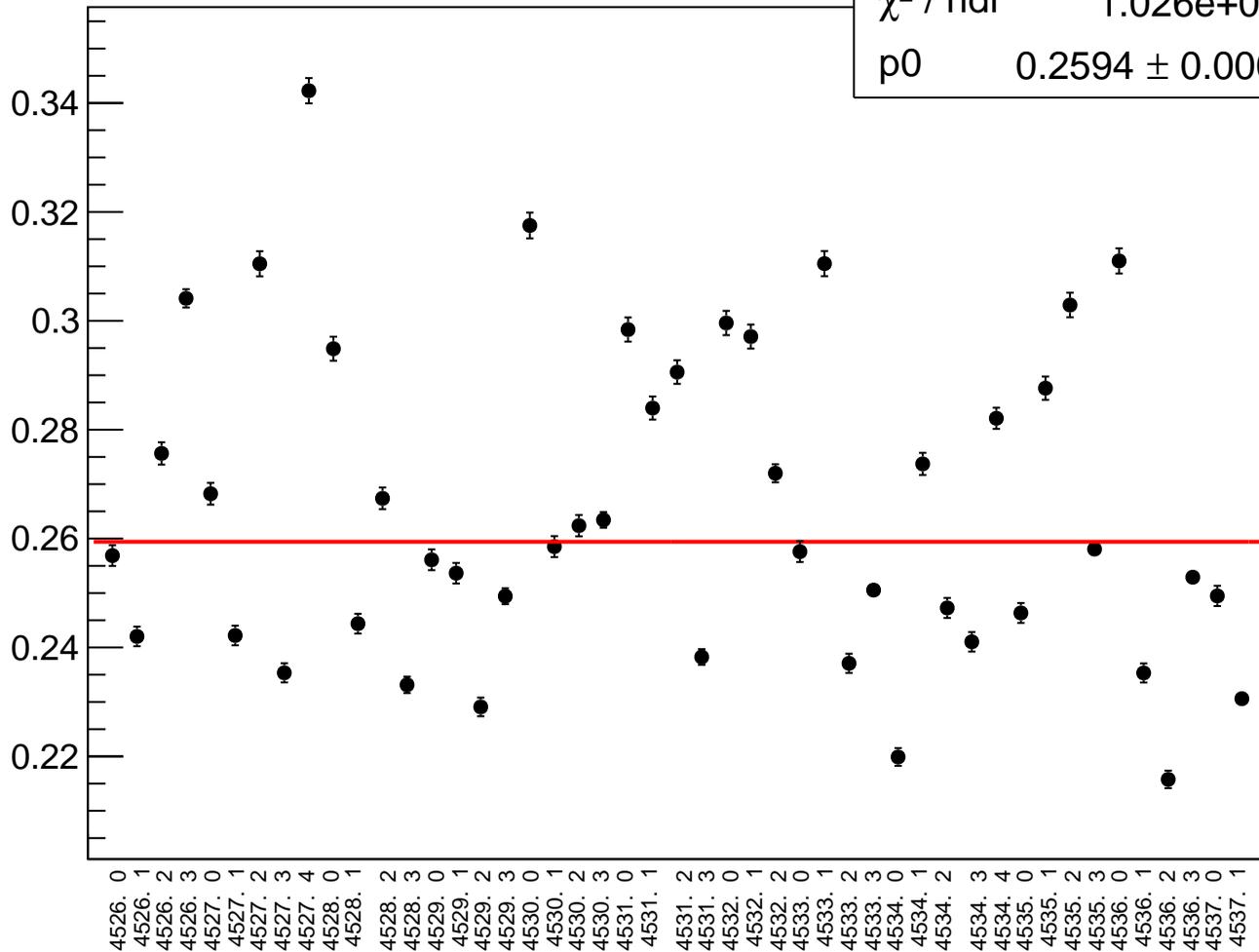


# yield\_bcm\_an\_ds3\_mean vs run

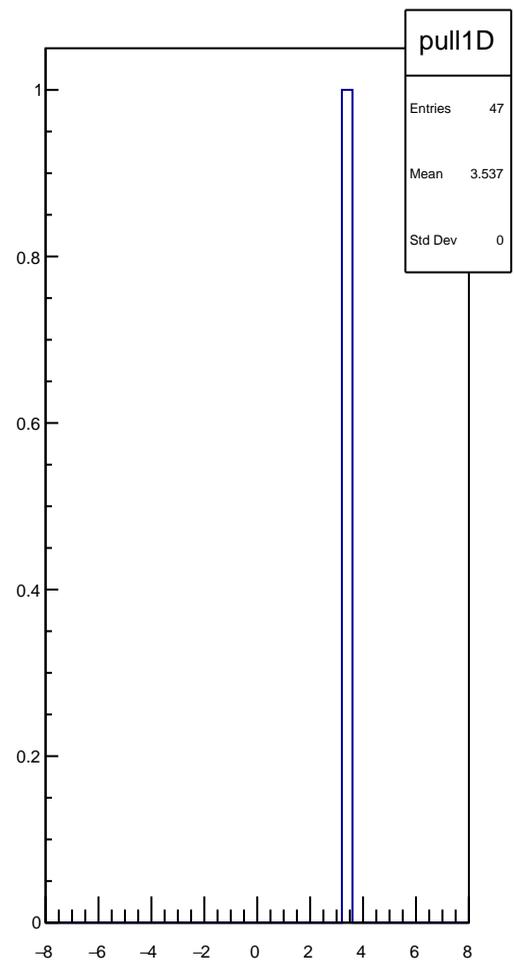
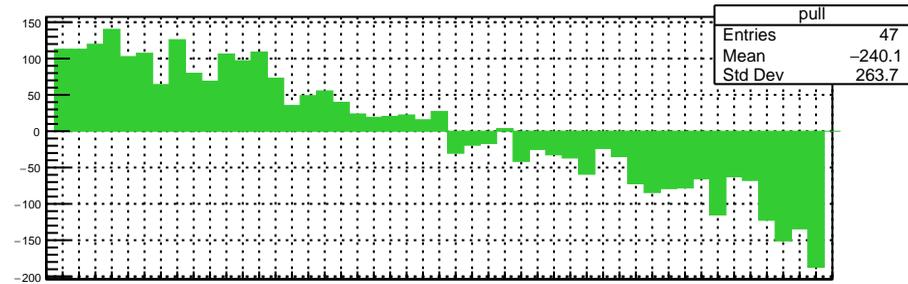
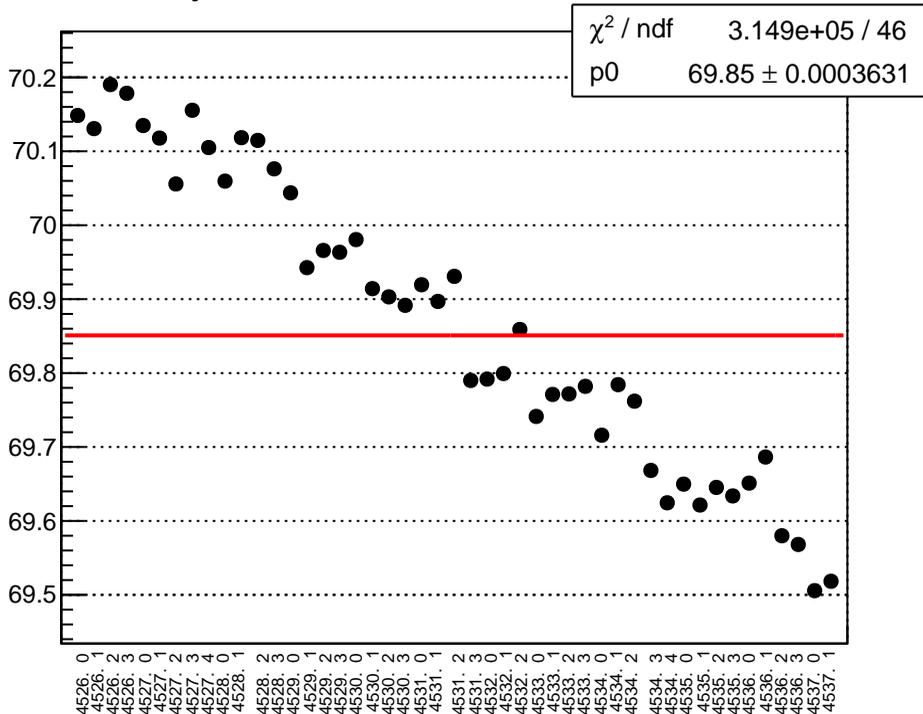


# yield\_bcm\_an\_ds3\_rms vs run

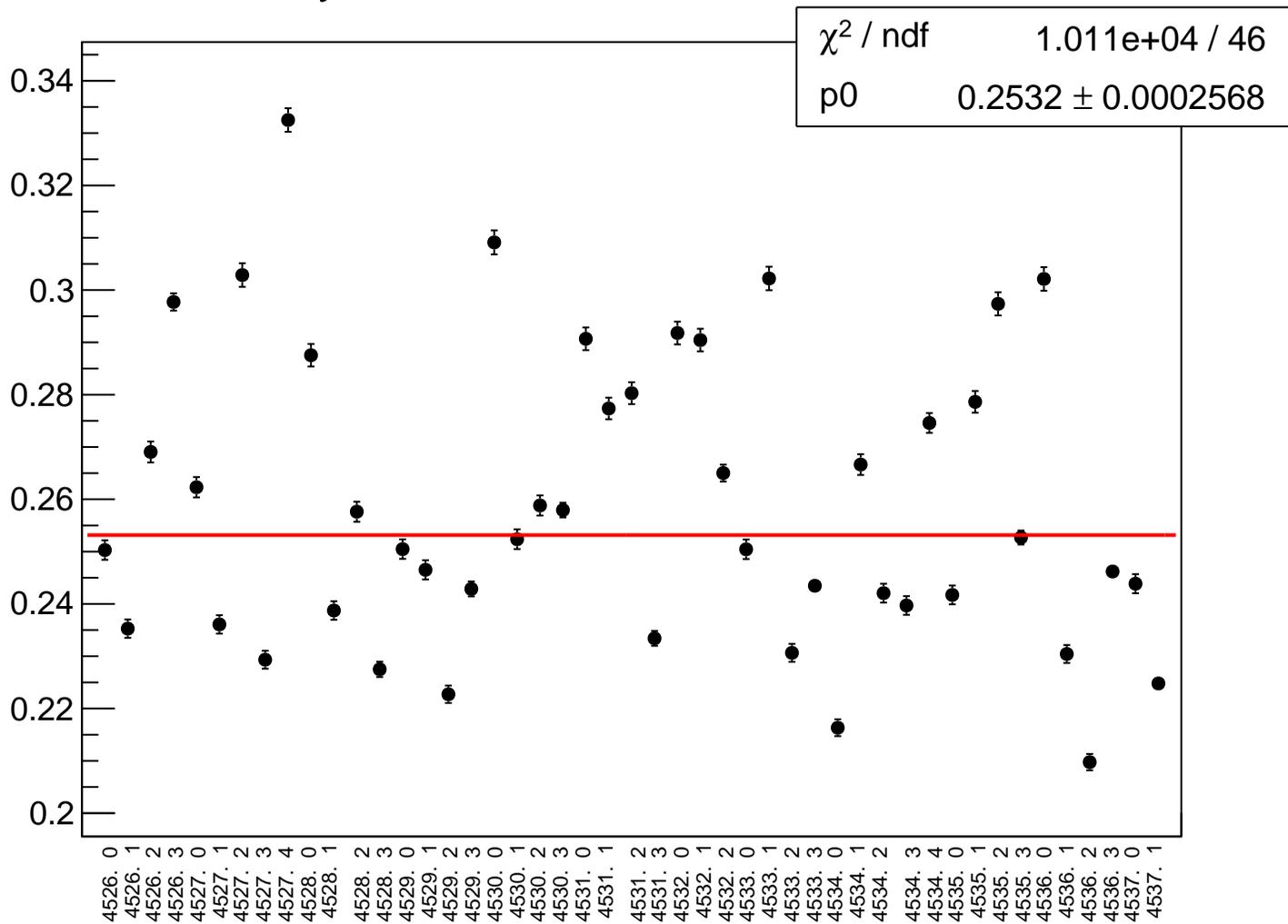
$\chi^2 / \text{ndf}$  1.026e+04 / 46  
p0 0.2594  $\pm$  0.0002631



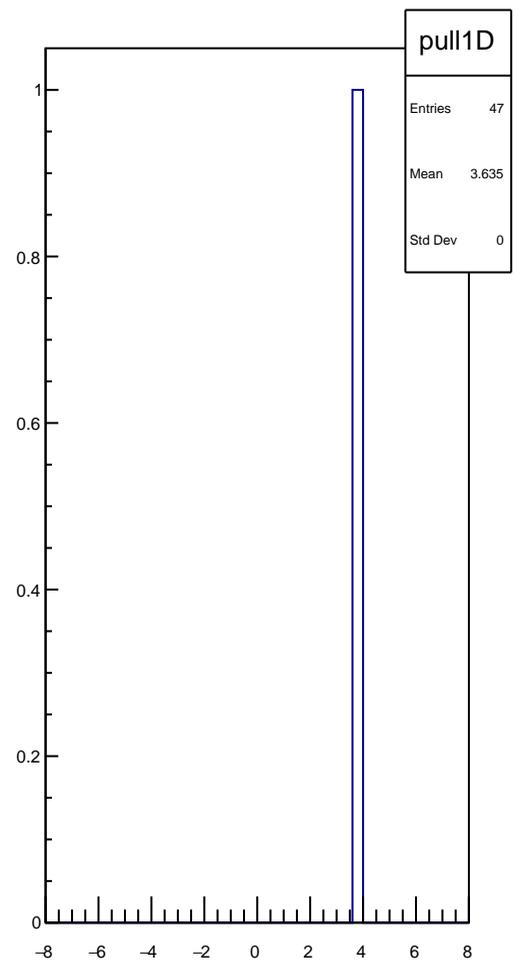
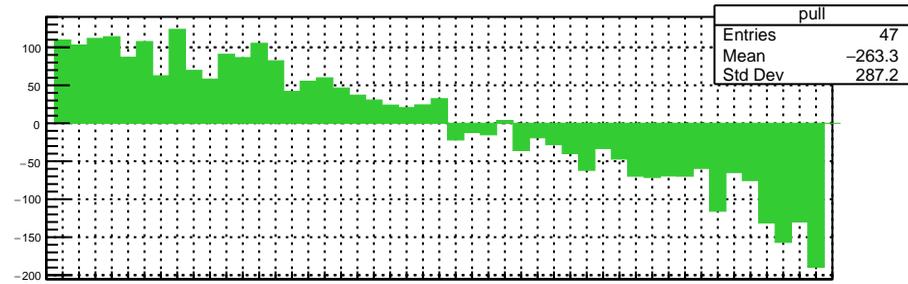
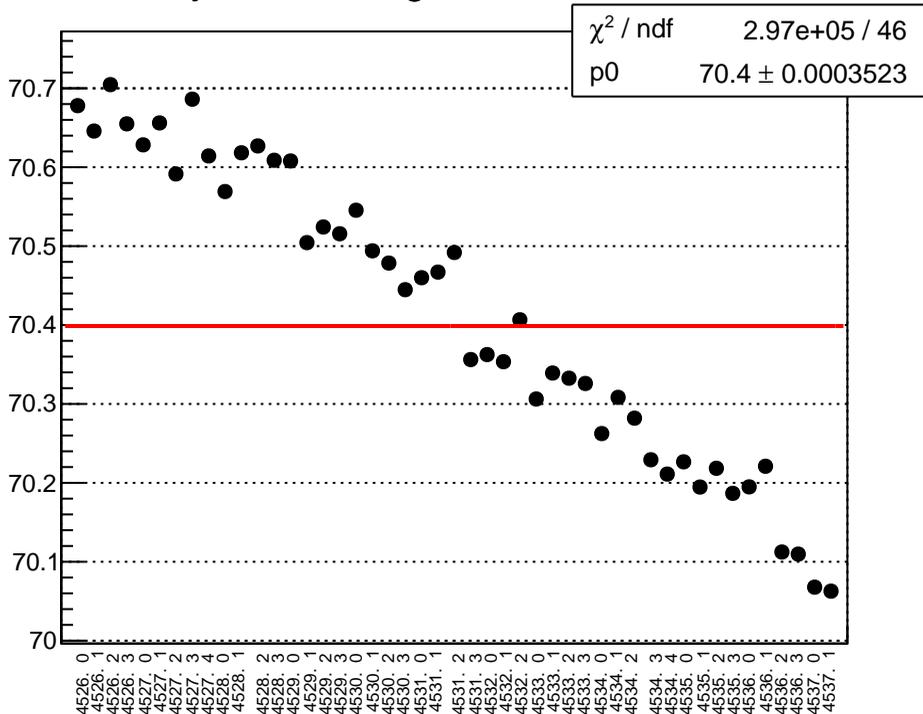
# yield\_bcm\_an\_us\_mean vs run



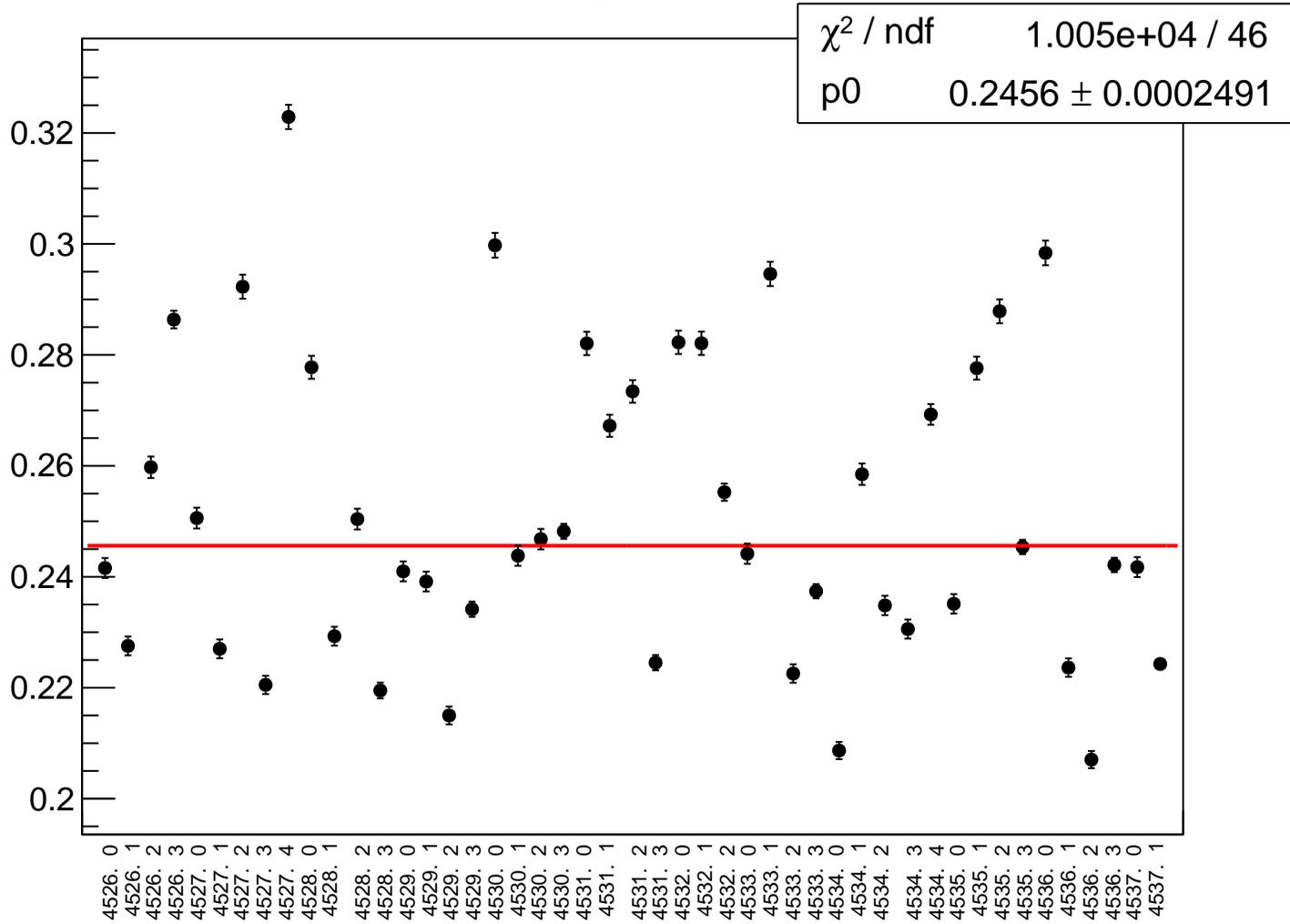
# yield\_bcm\_an\_us\_rms vs run



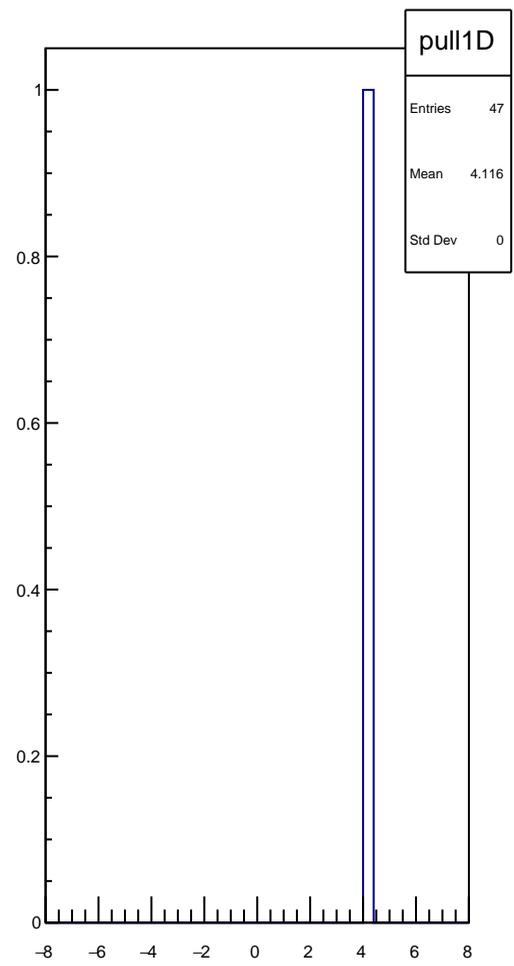
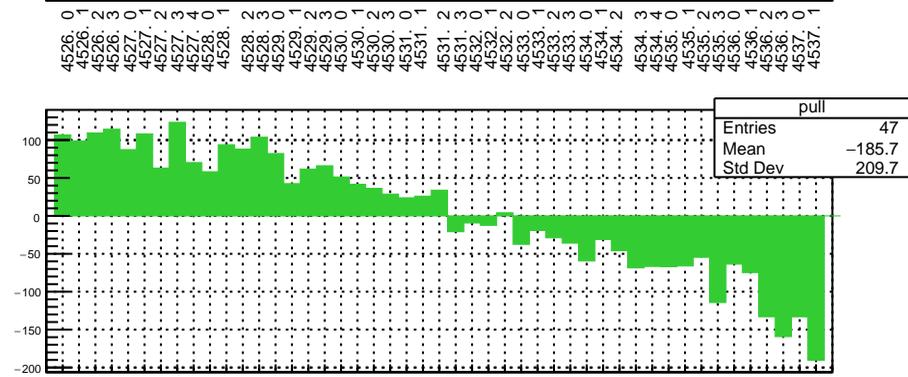
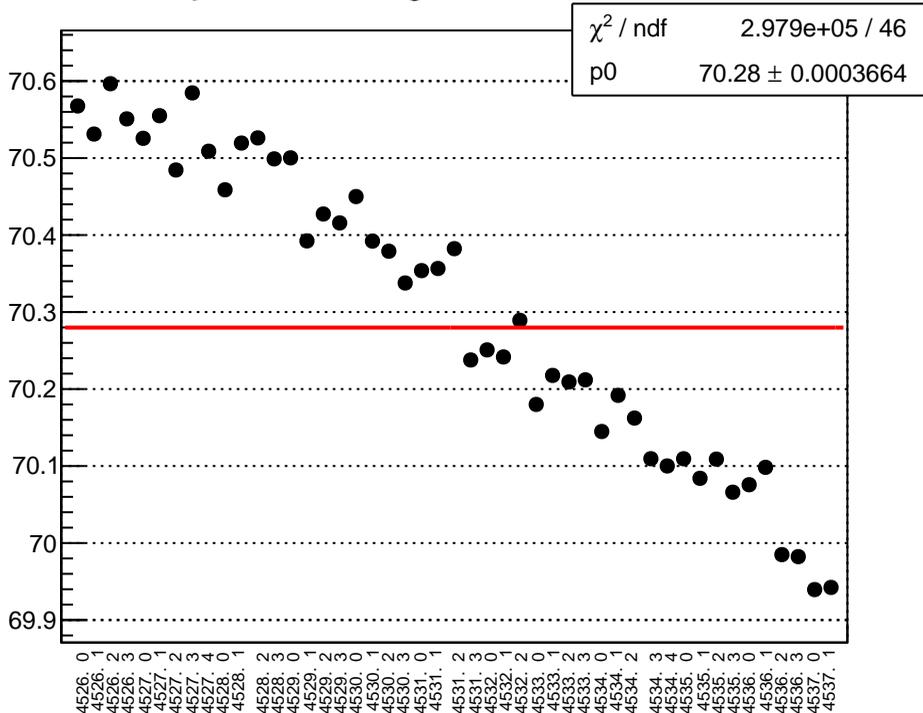
# yield\_bcm\_dg\_us\_mean vs run



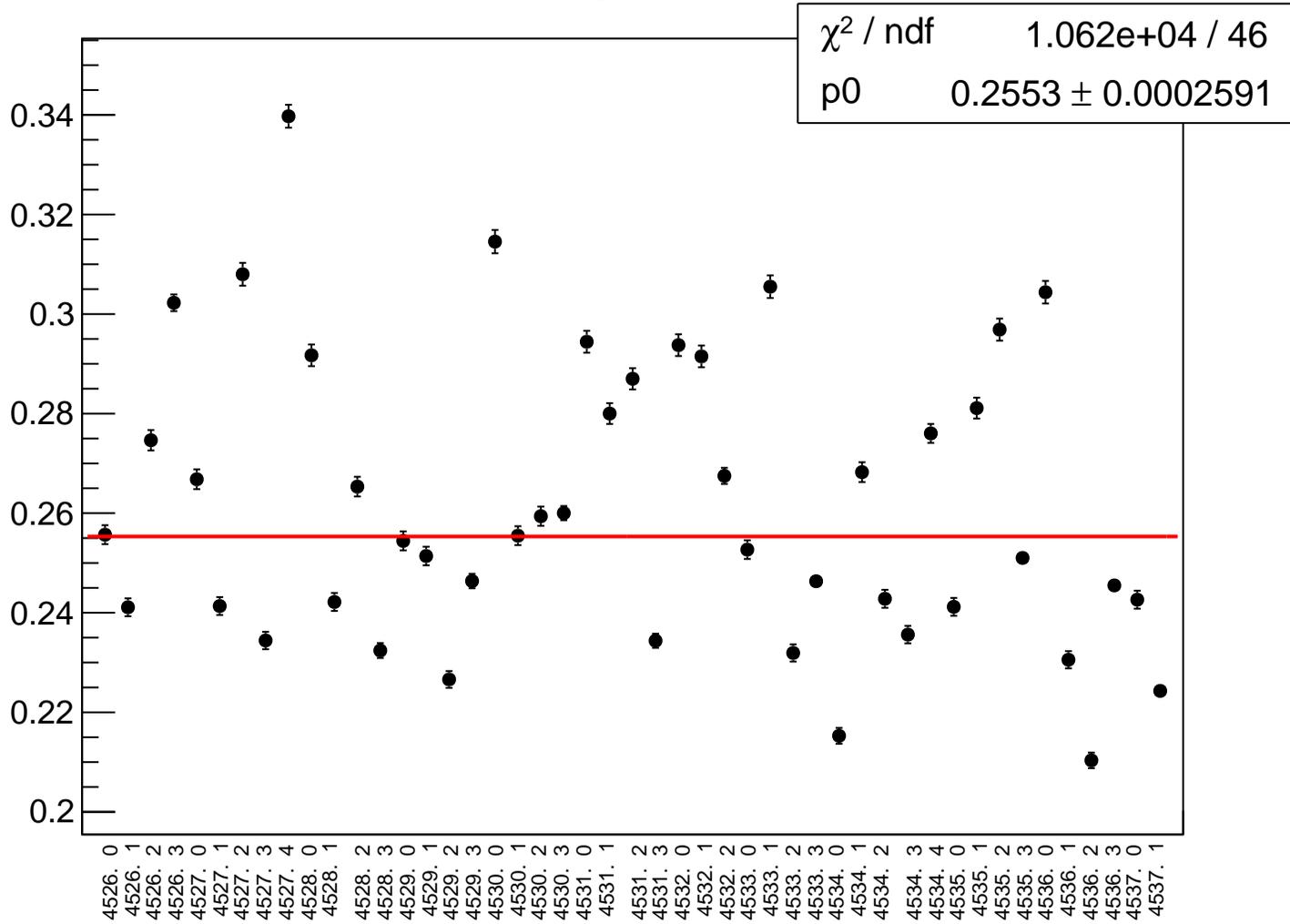
# yield\_bcm\_dg\_us\_rms vs run



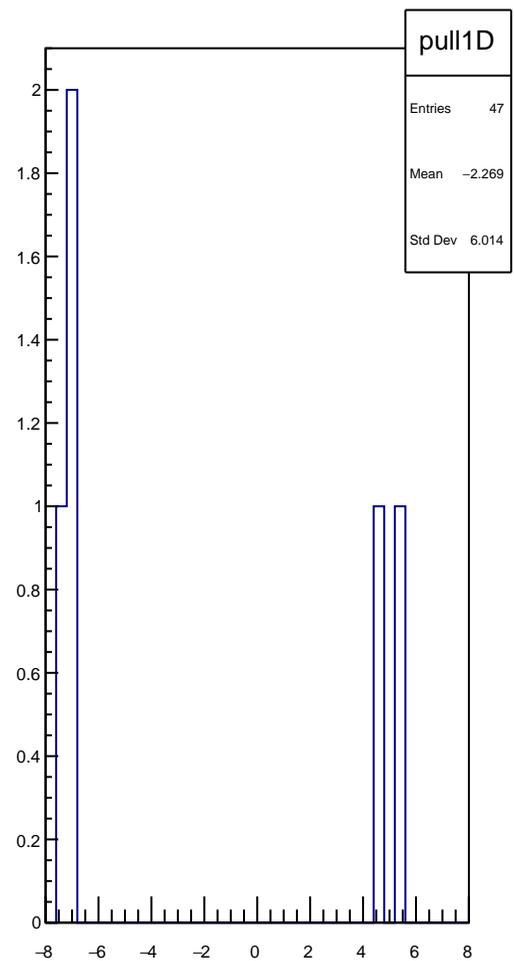
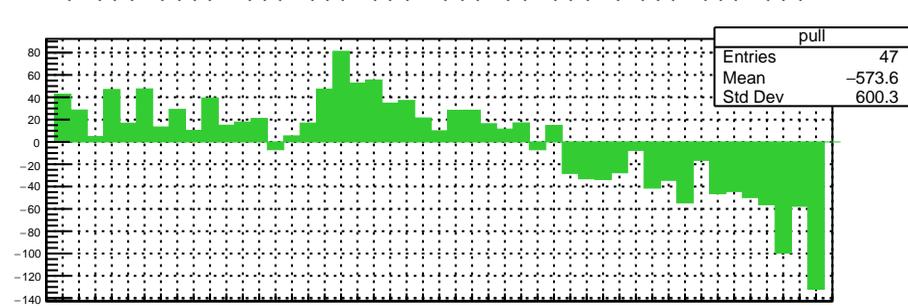
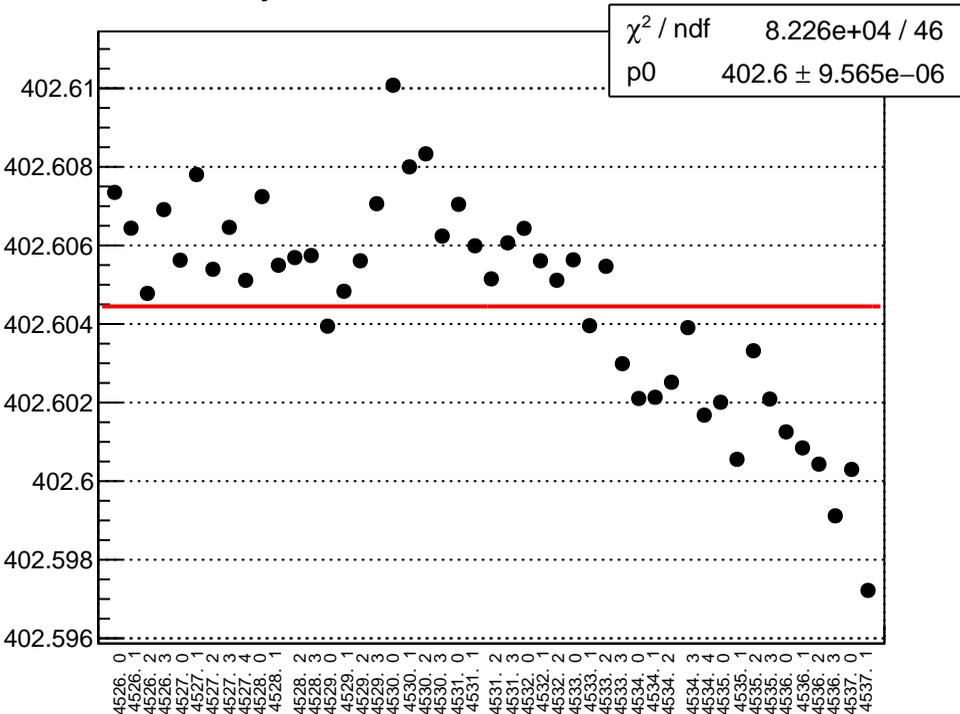
# yield\_bcm\_dg\_ds\_mean vs run



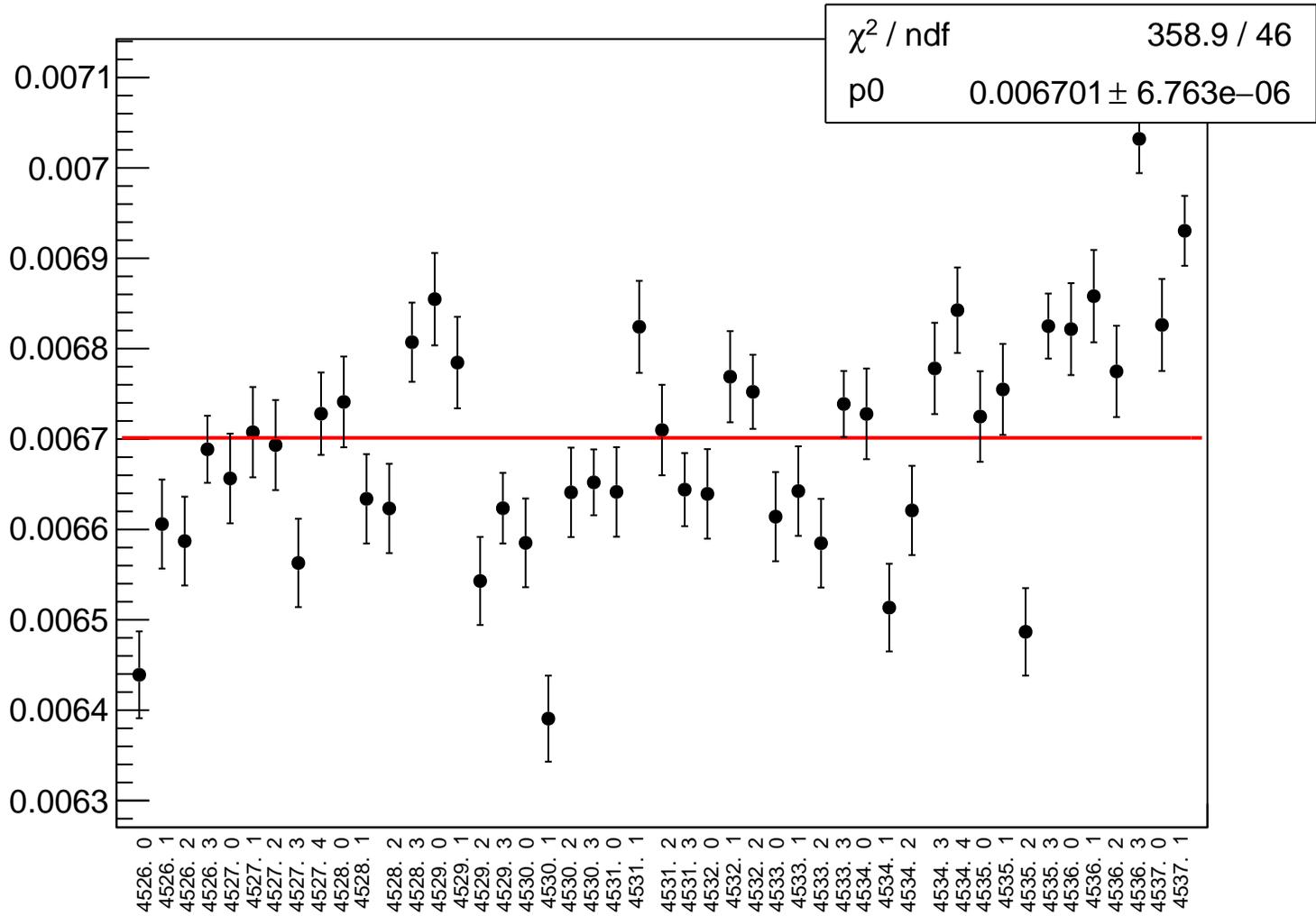
# yield\_bcm\_dg\_ds\_rms vs run



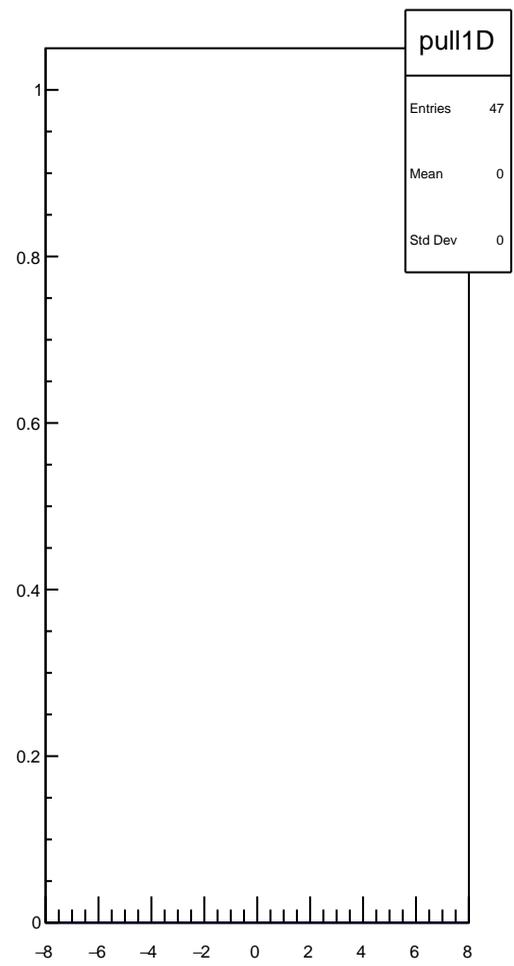
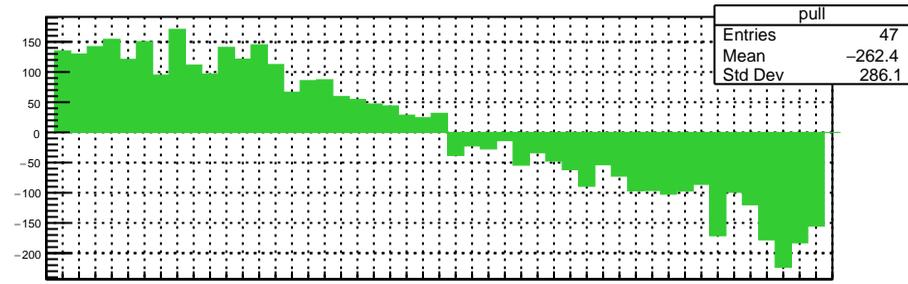
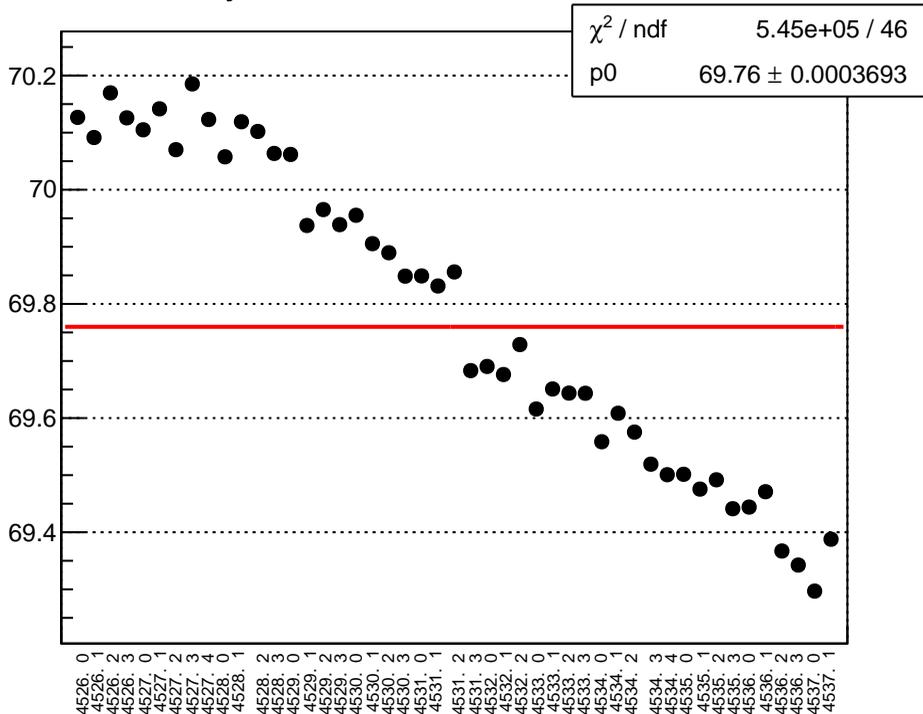
# yield\_cav4bQ\_mean vs run



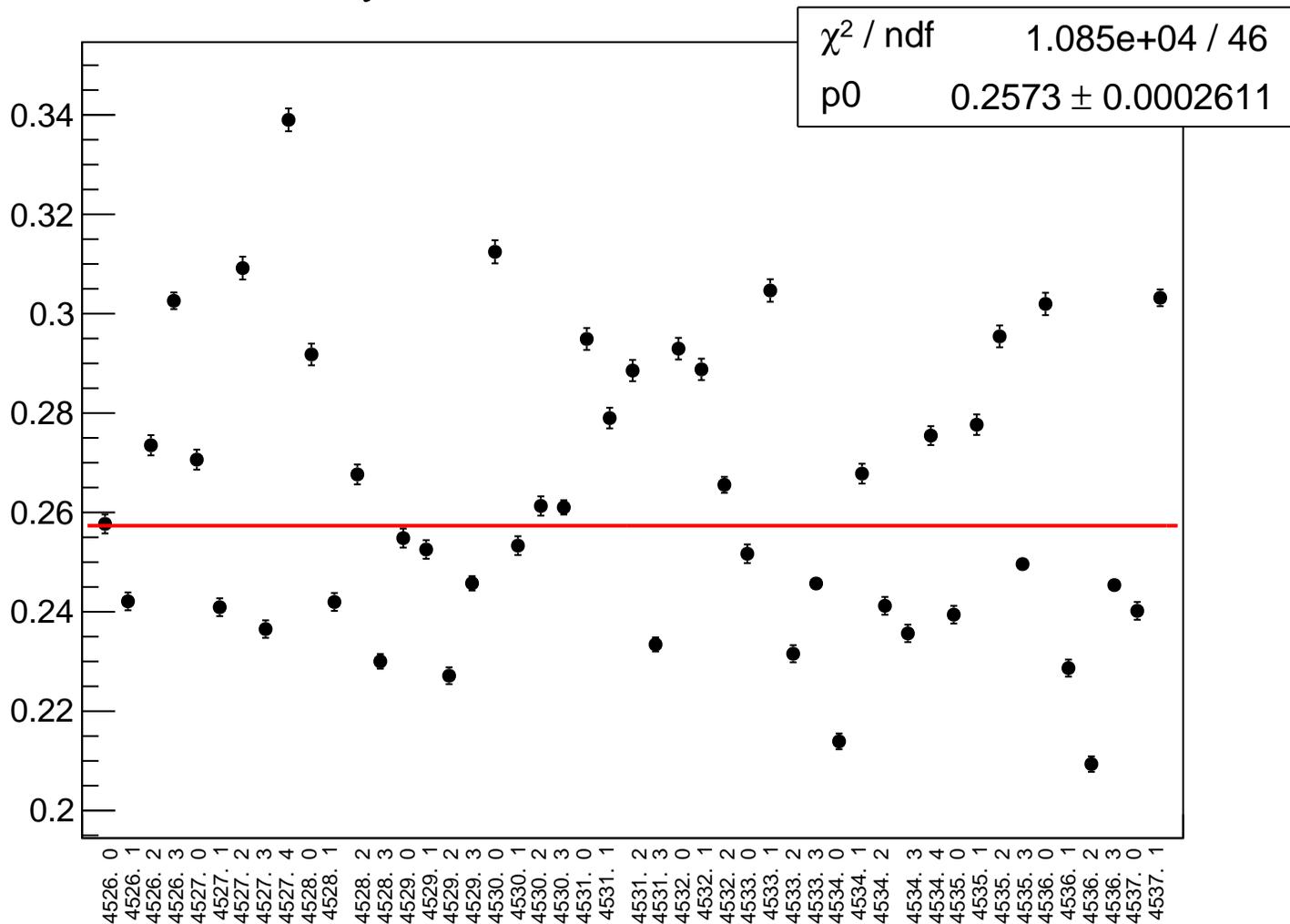
# yield\_cav4bQ\_rms vs run



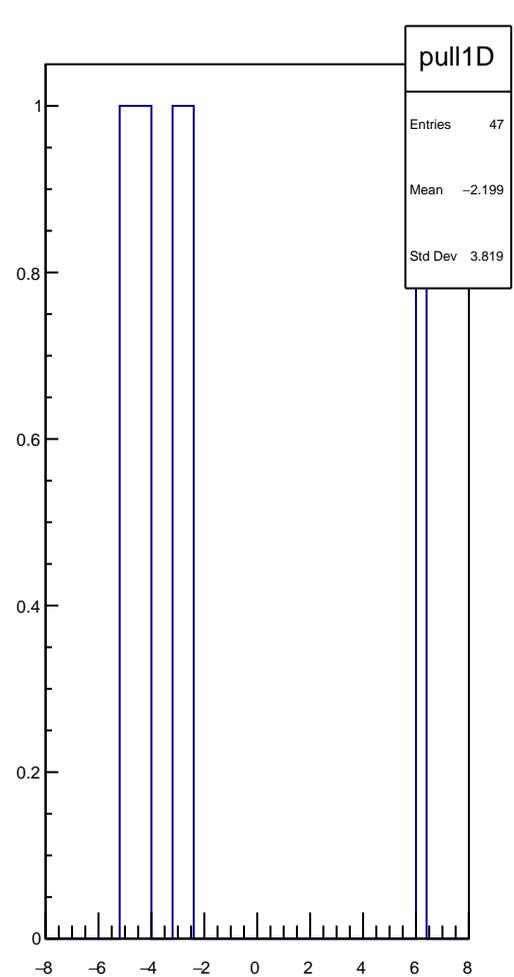
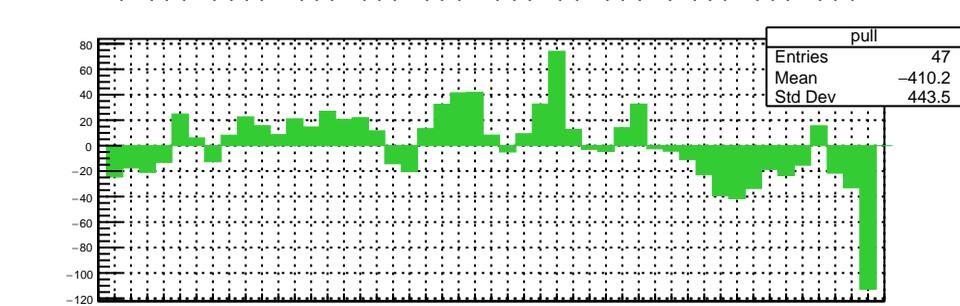
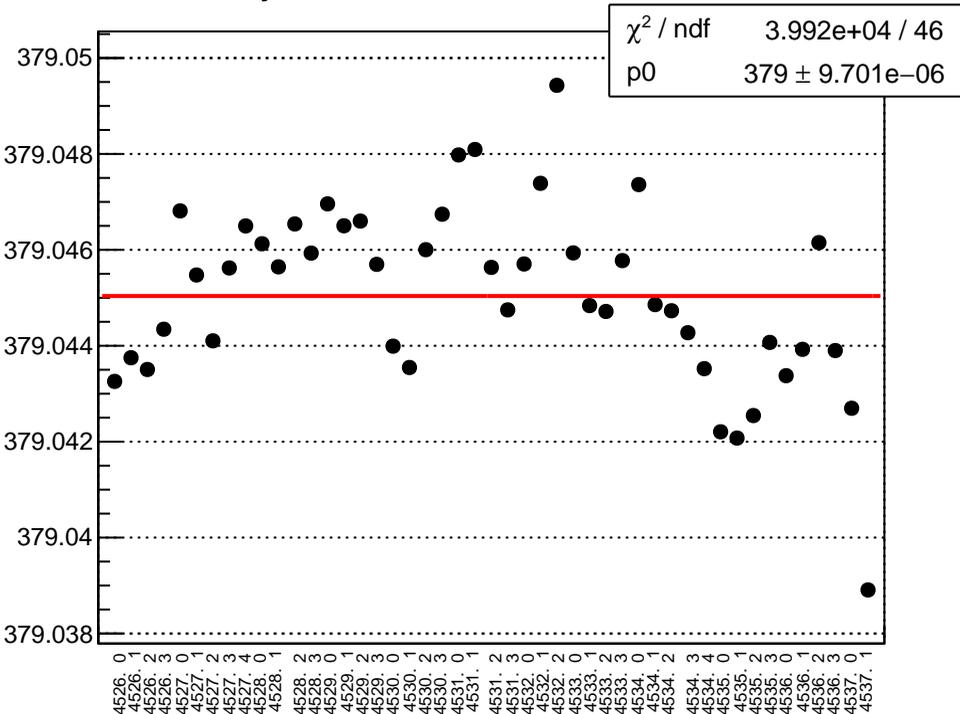
# yield\_cav4cQ\_mean vs run



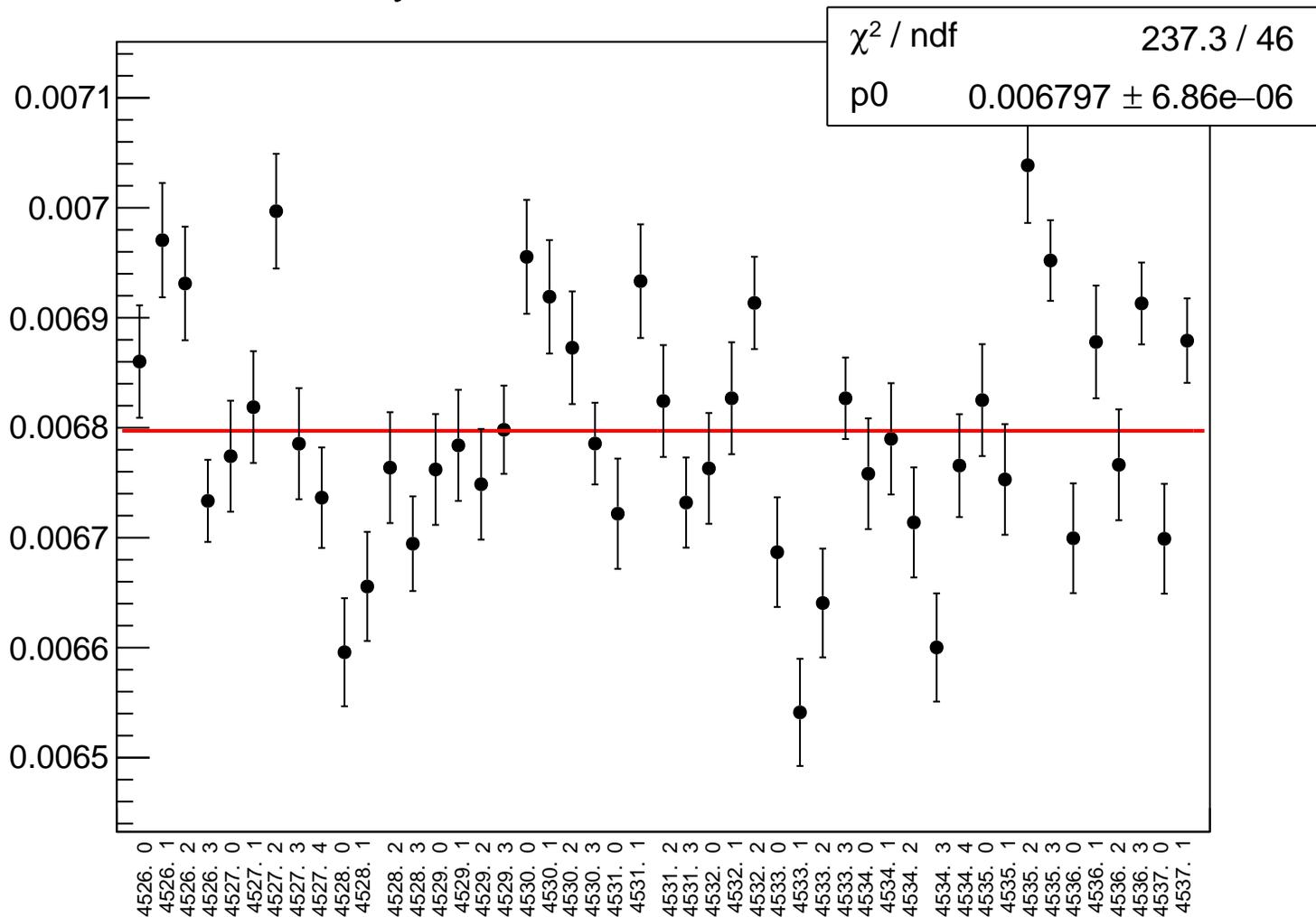
# yield\_cav4cQ\_rms vs run



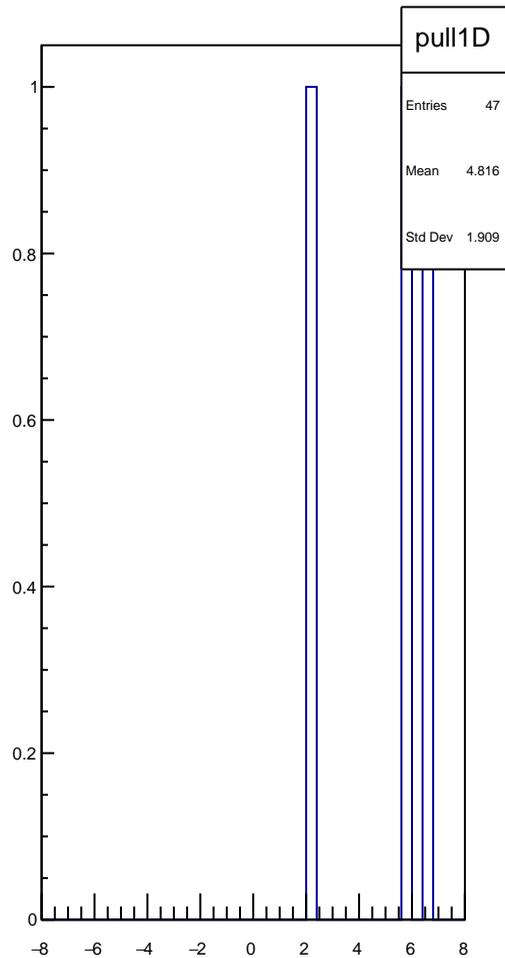
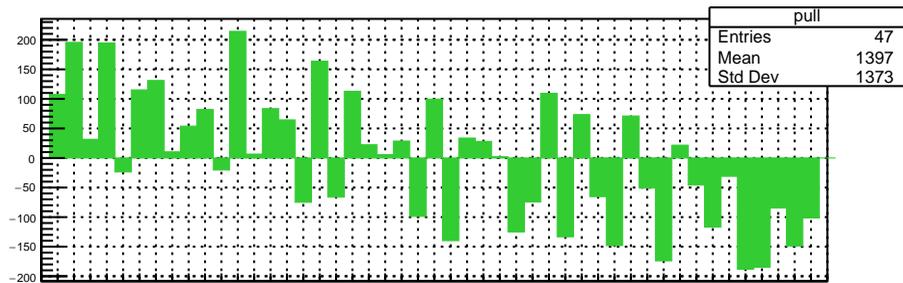
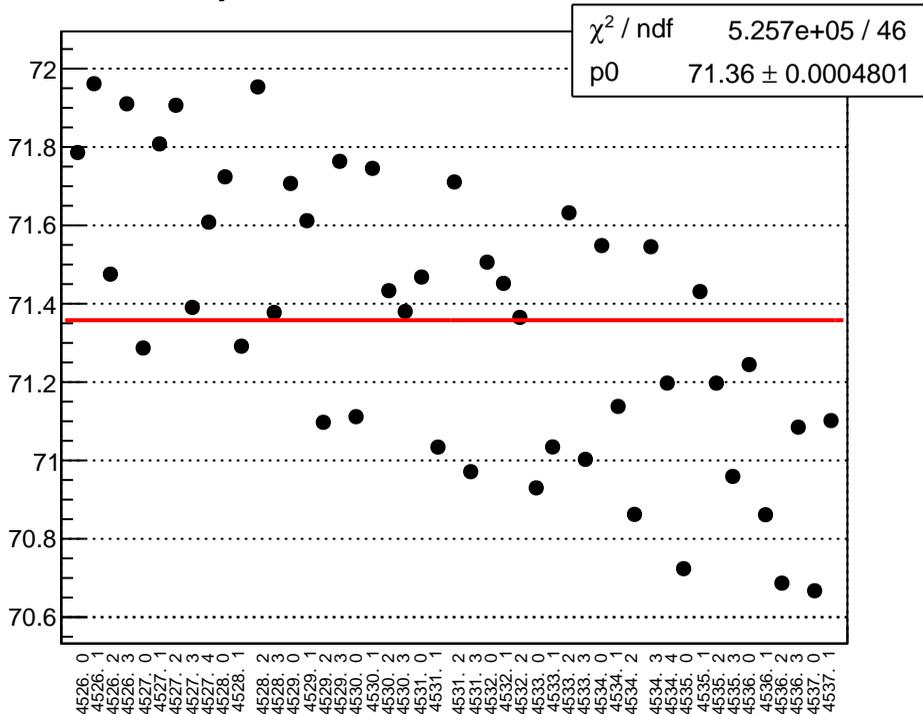
# yield\_cav4dQ\_mean vs run



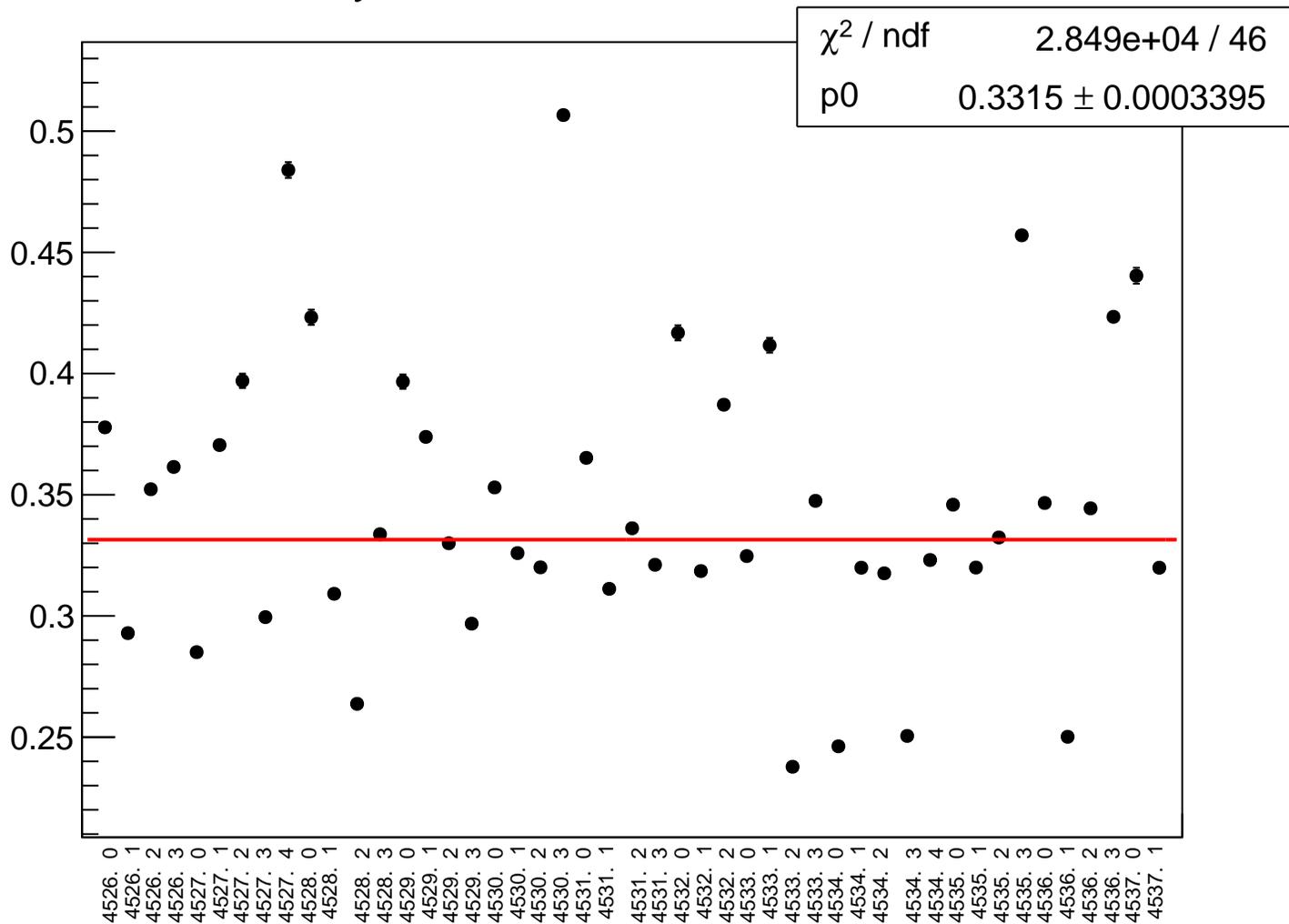
# yield\_cav4dQ\_rms vs run



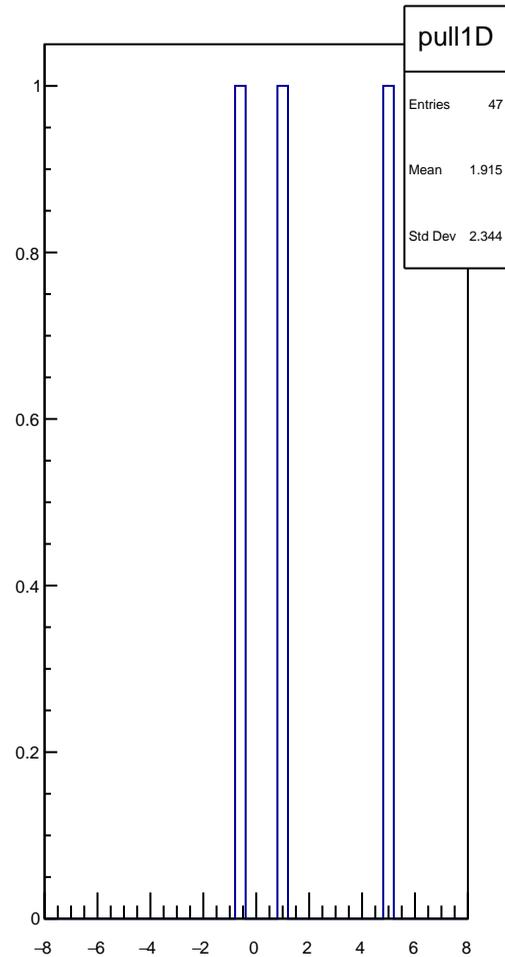
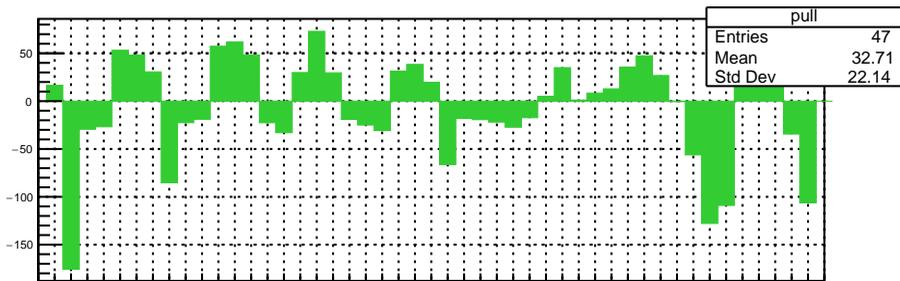
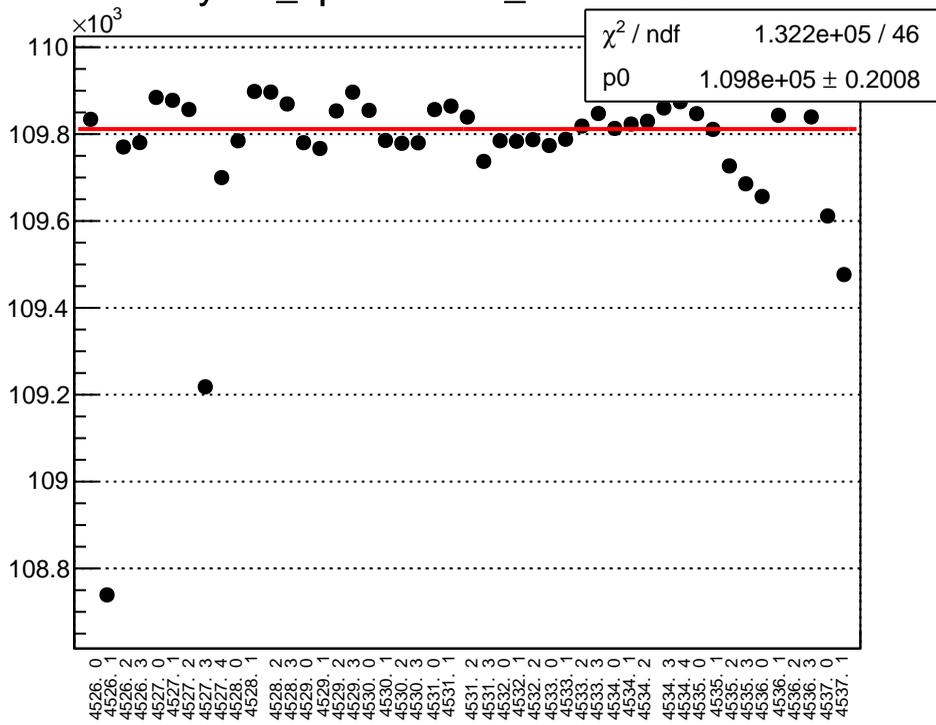
# yield\_bcm0102\_mean vs run



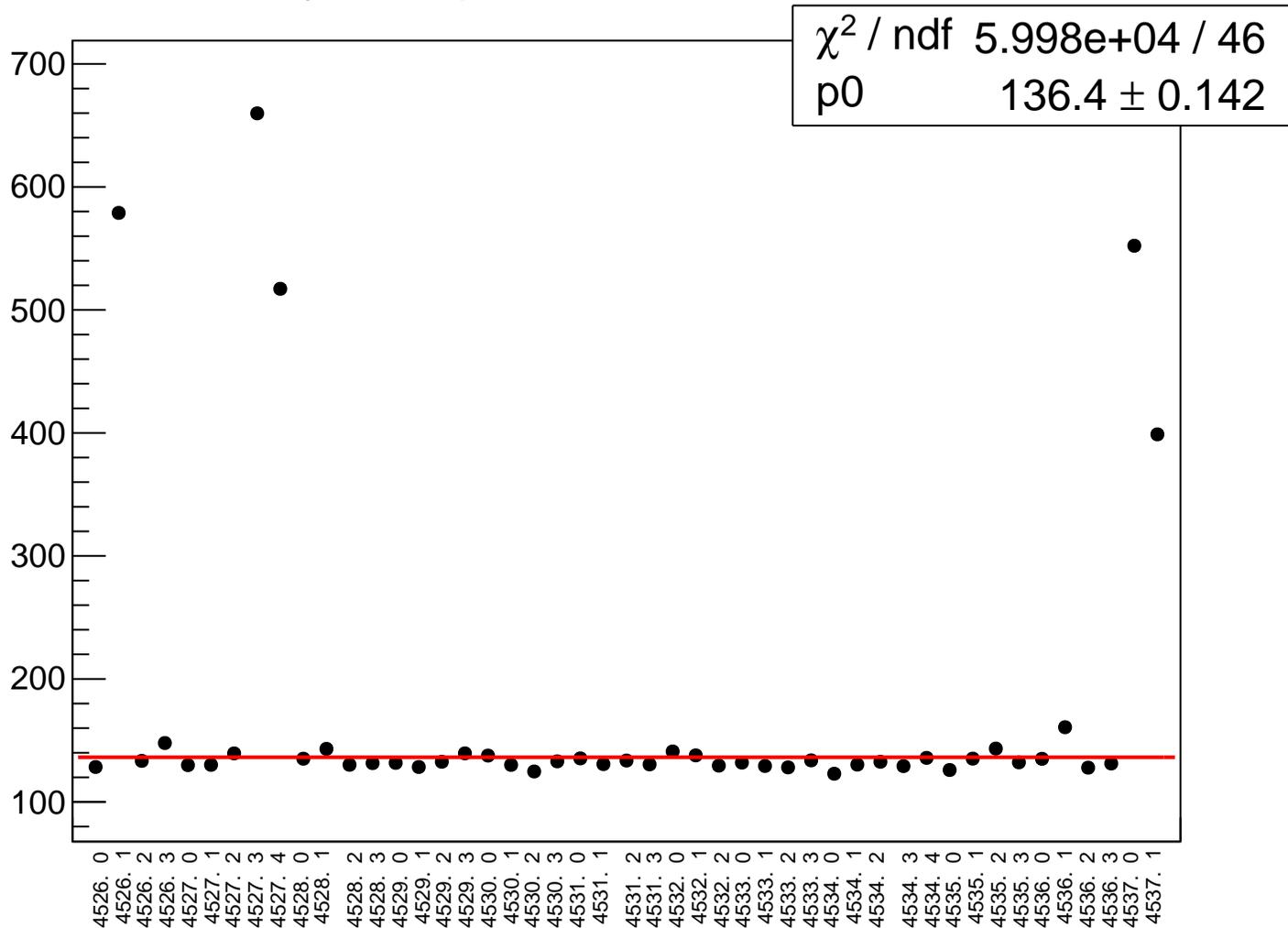
# yield\_bcm0l02\_rms vs run



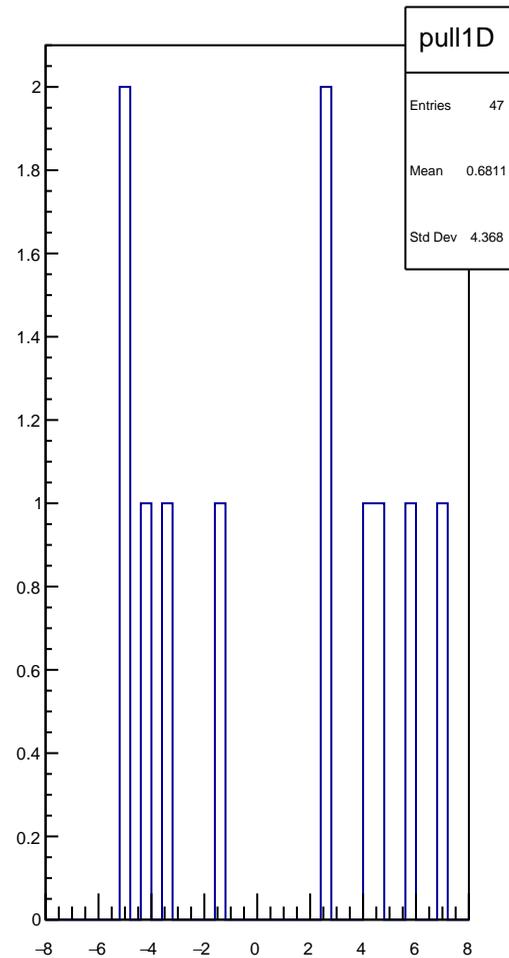
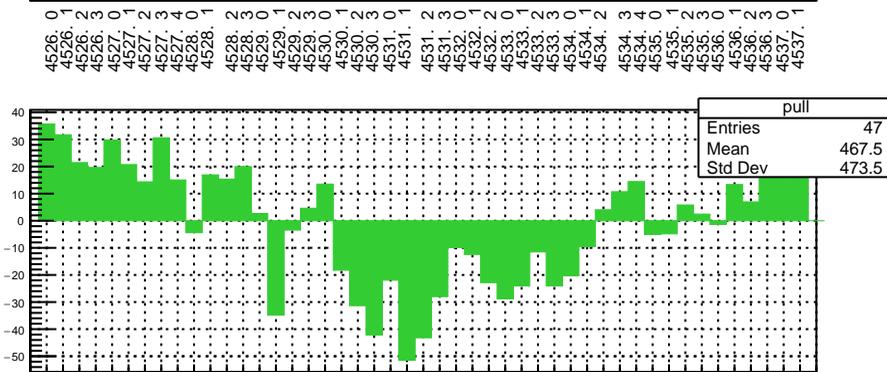
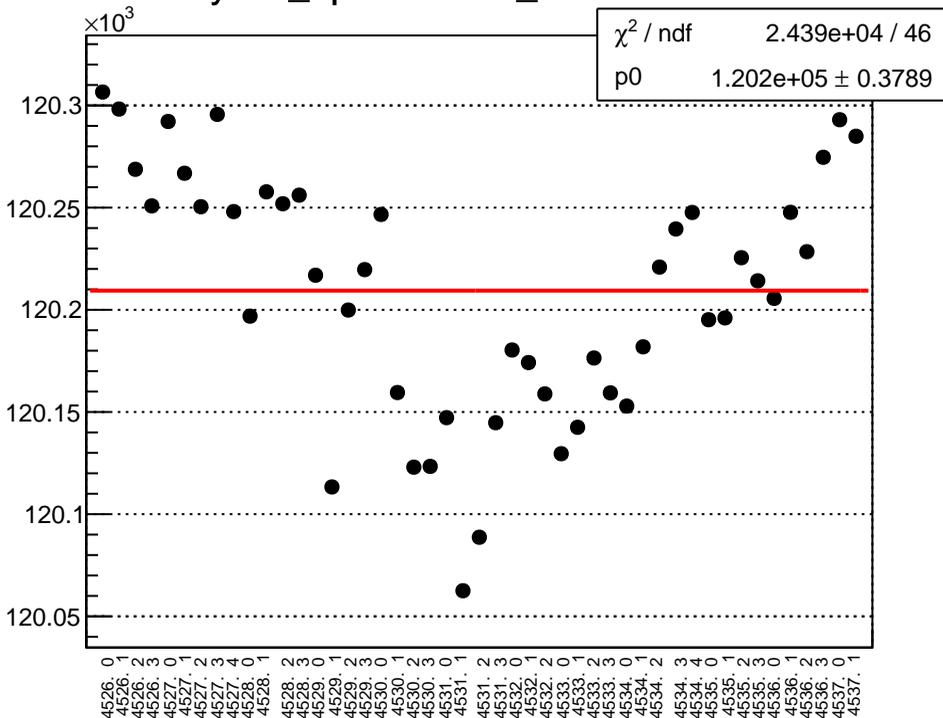
# yield\_bpm2i01WS\_mean vs run



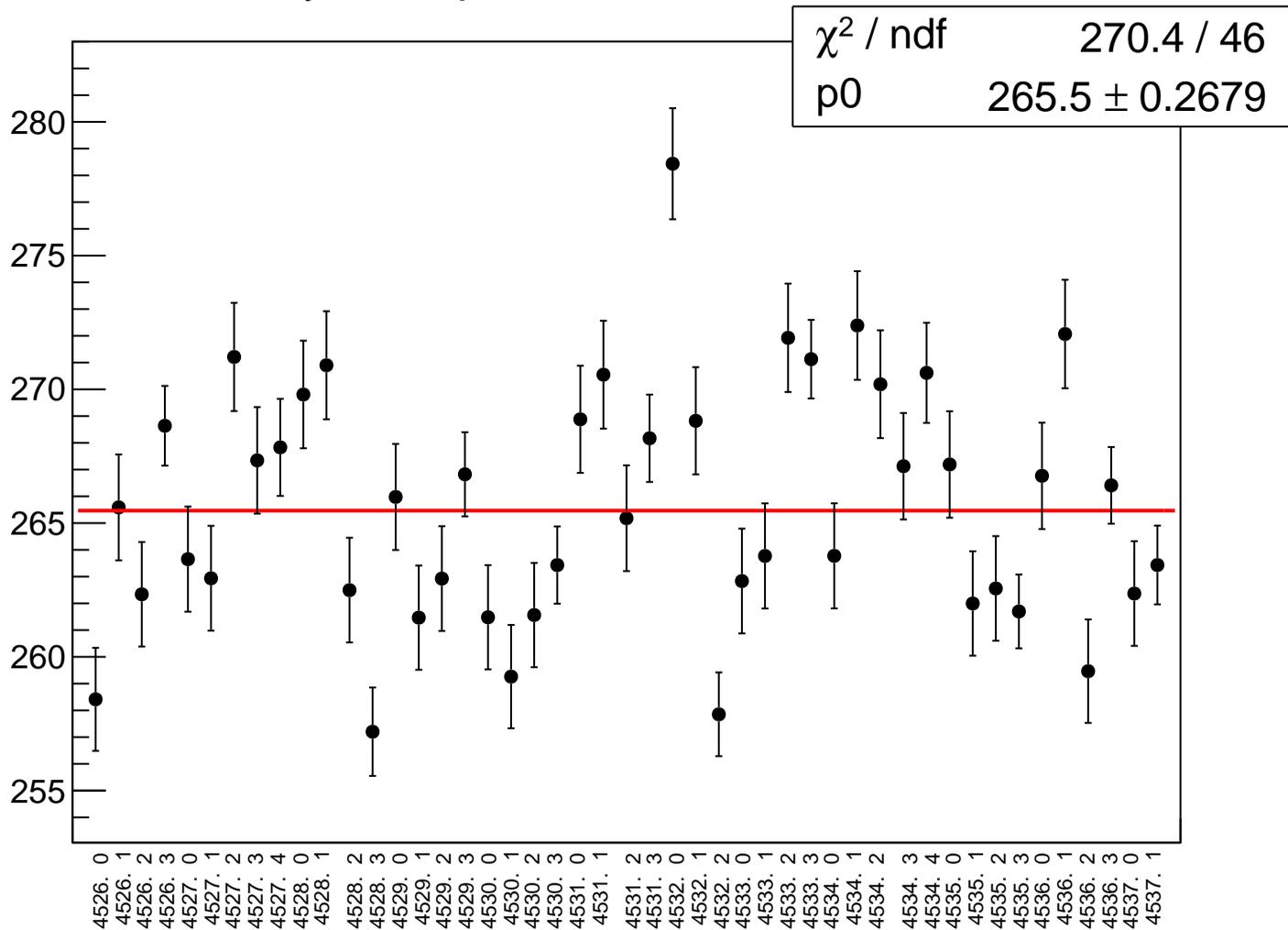
# yield\_bpm2i01WS\_rms vs run



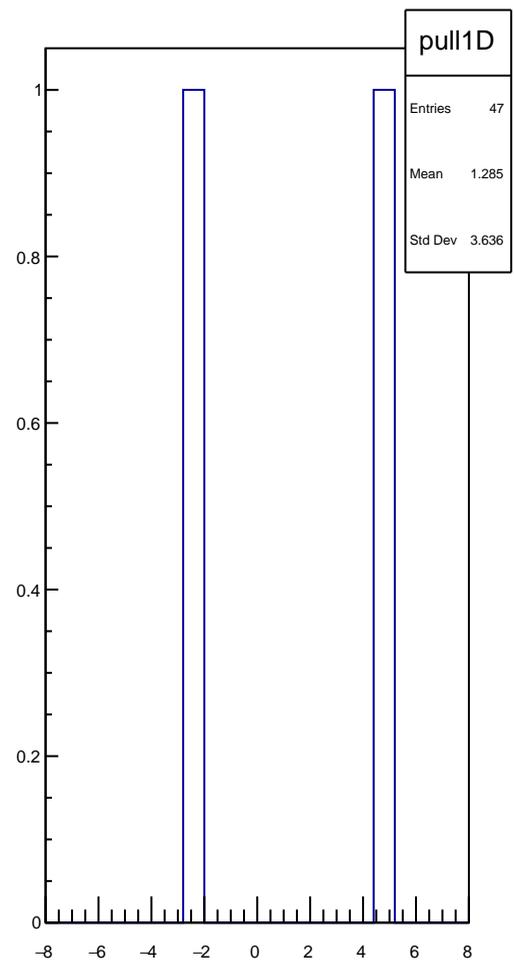
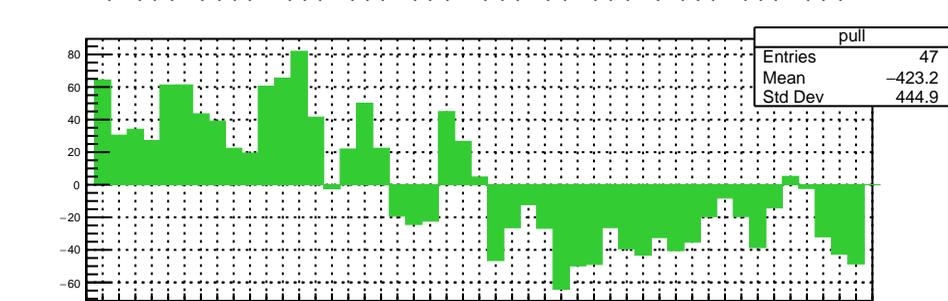
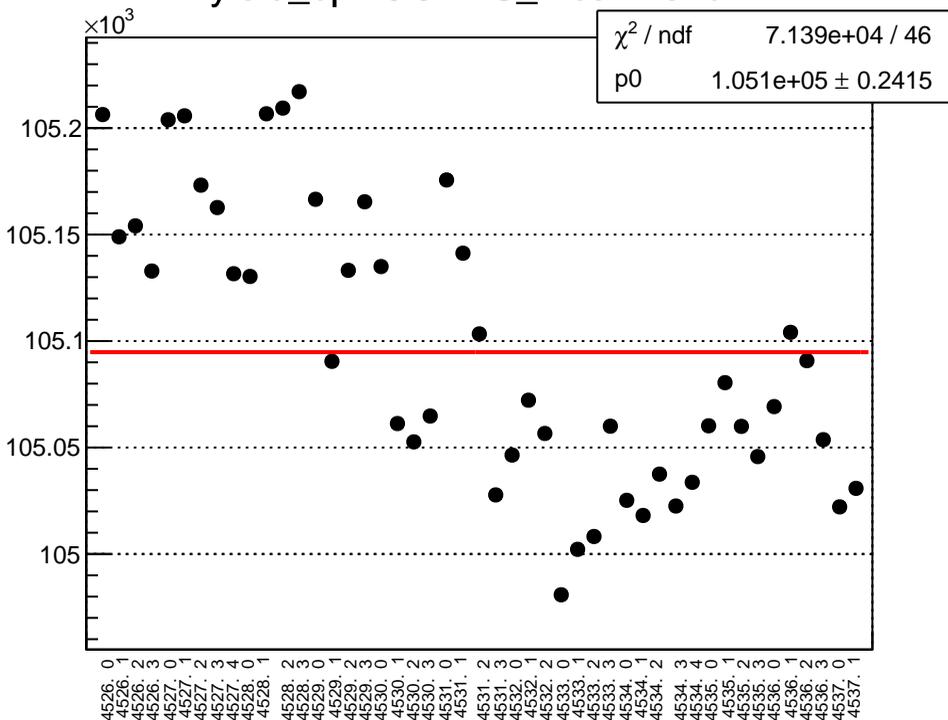
# yield\_bpm0i07WS\_mean vs run



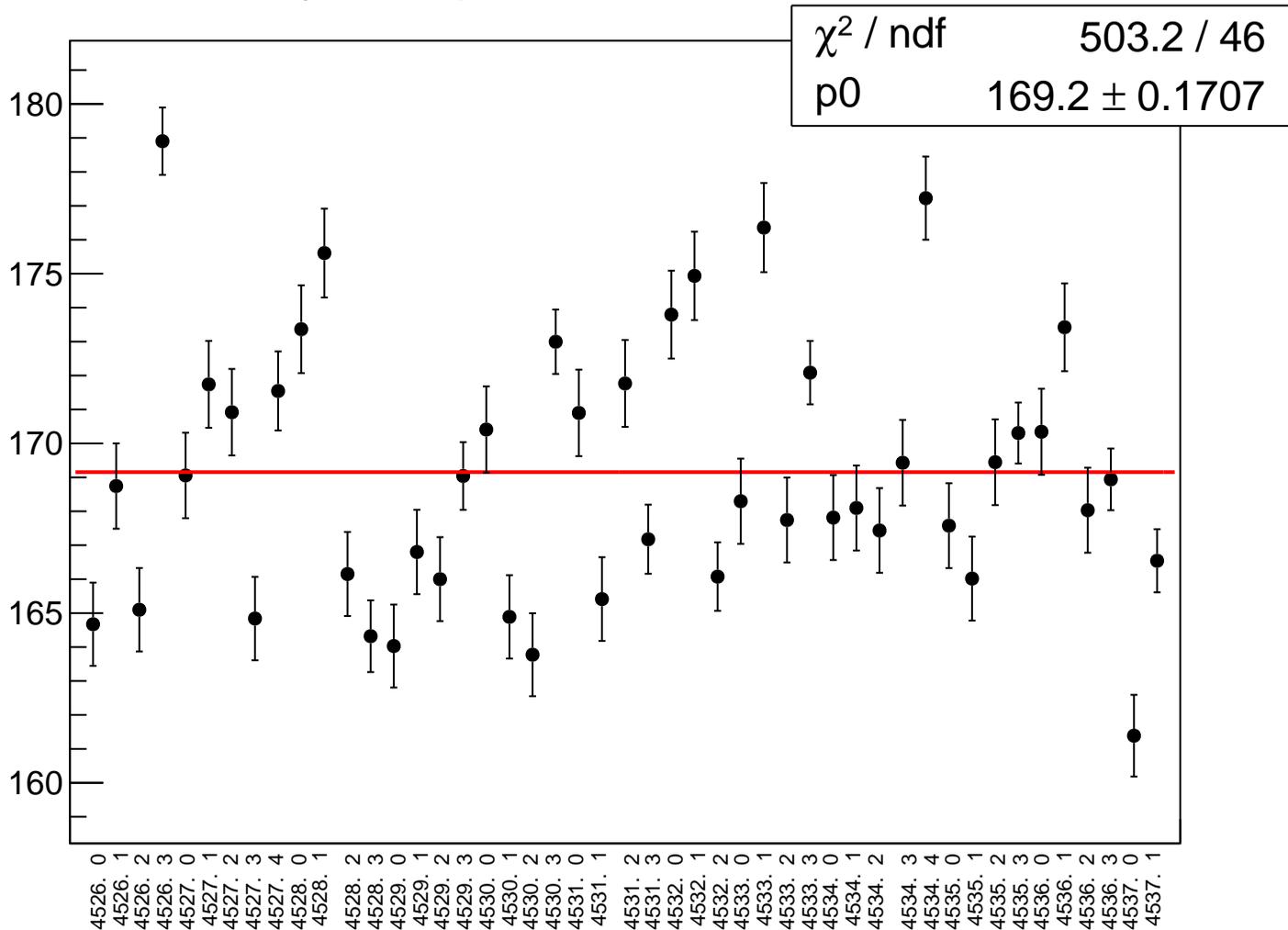
# yield\_bpm0i07WS\_rms vs run



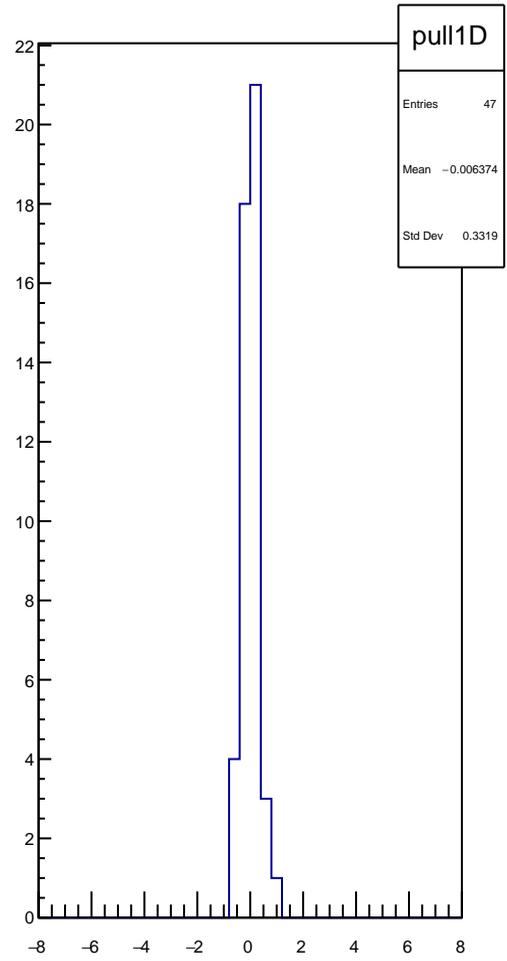
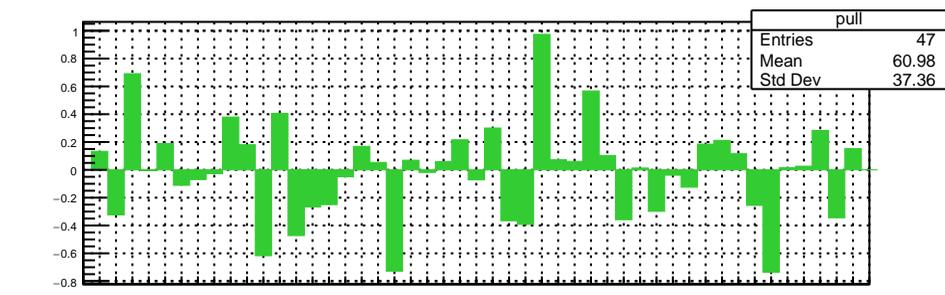
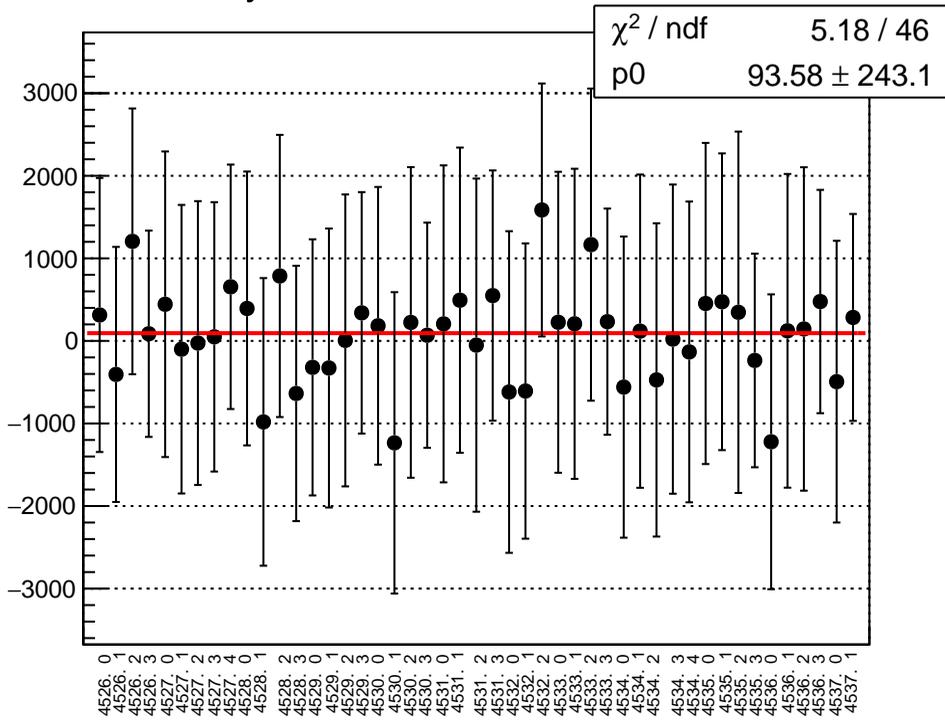
# yield\_bpm0101WS\_mean vs run



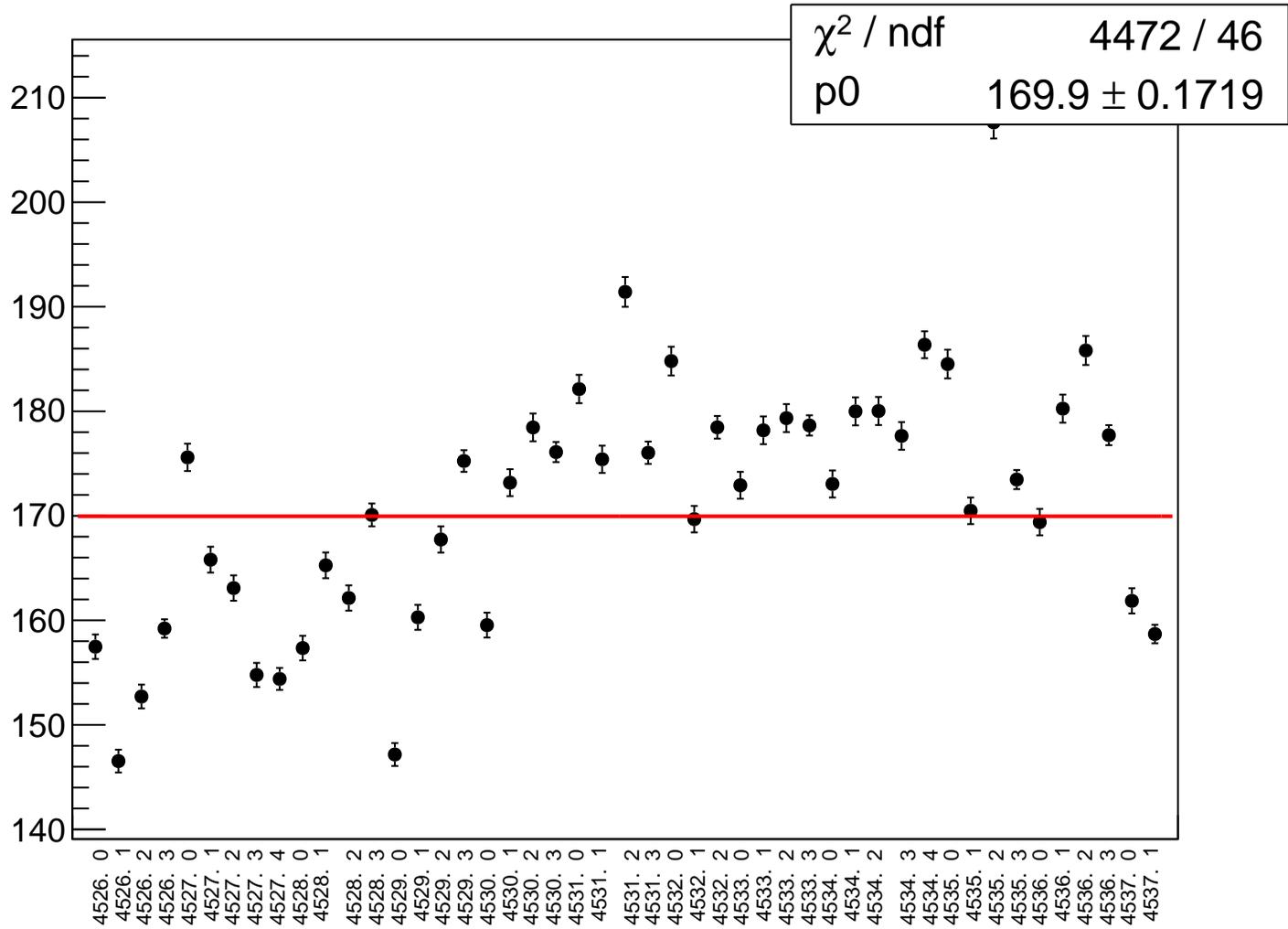
# yield\_bpm0l01WS\_rms vs run



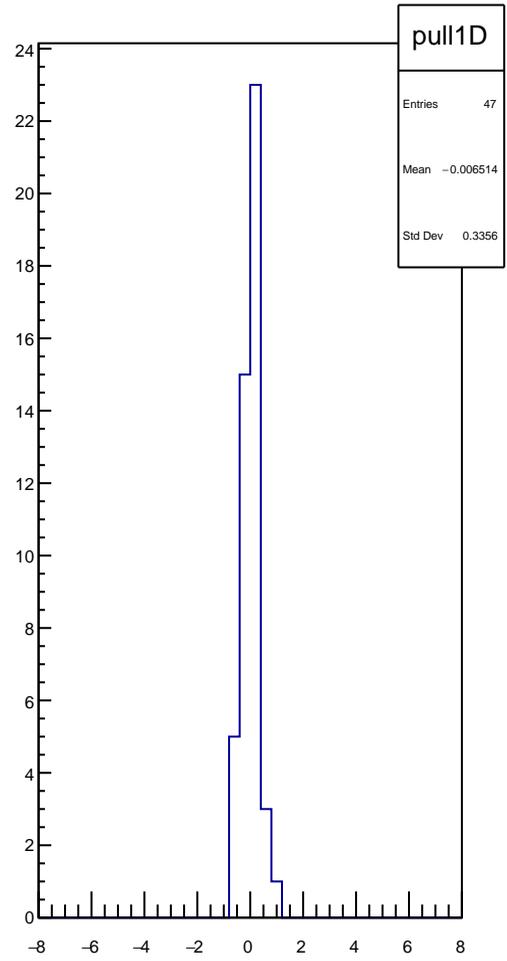
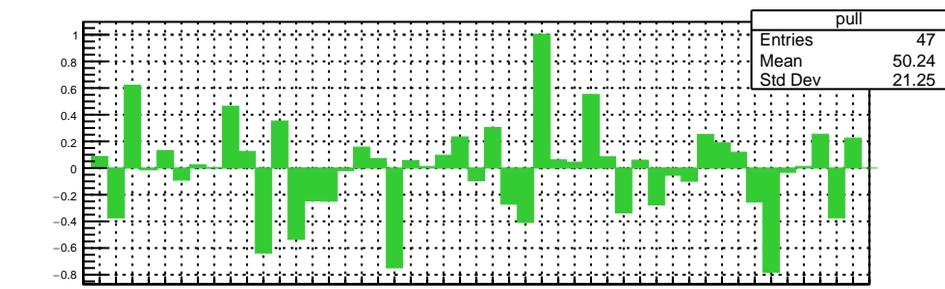
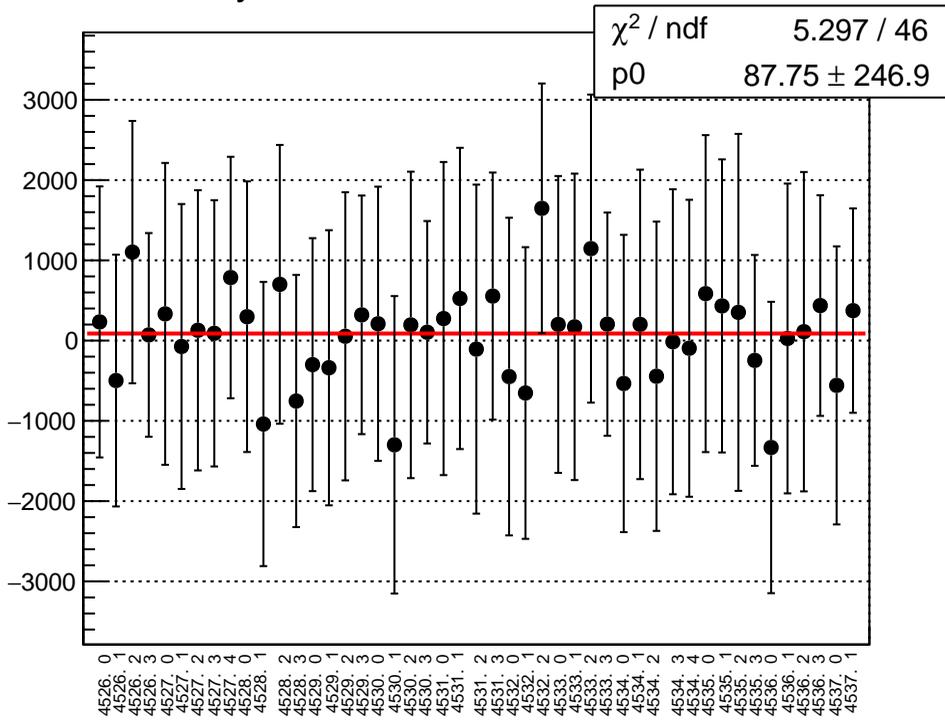
# asym\_bcm\_an\_ds\_mean vs run



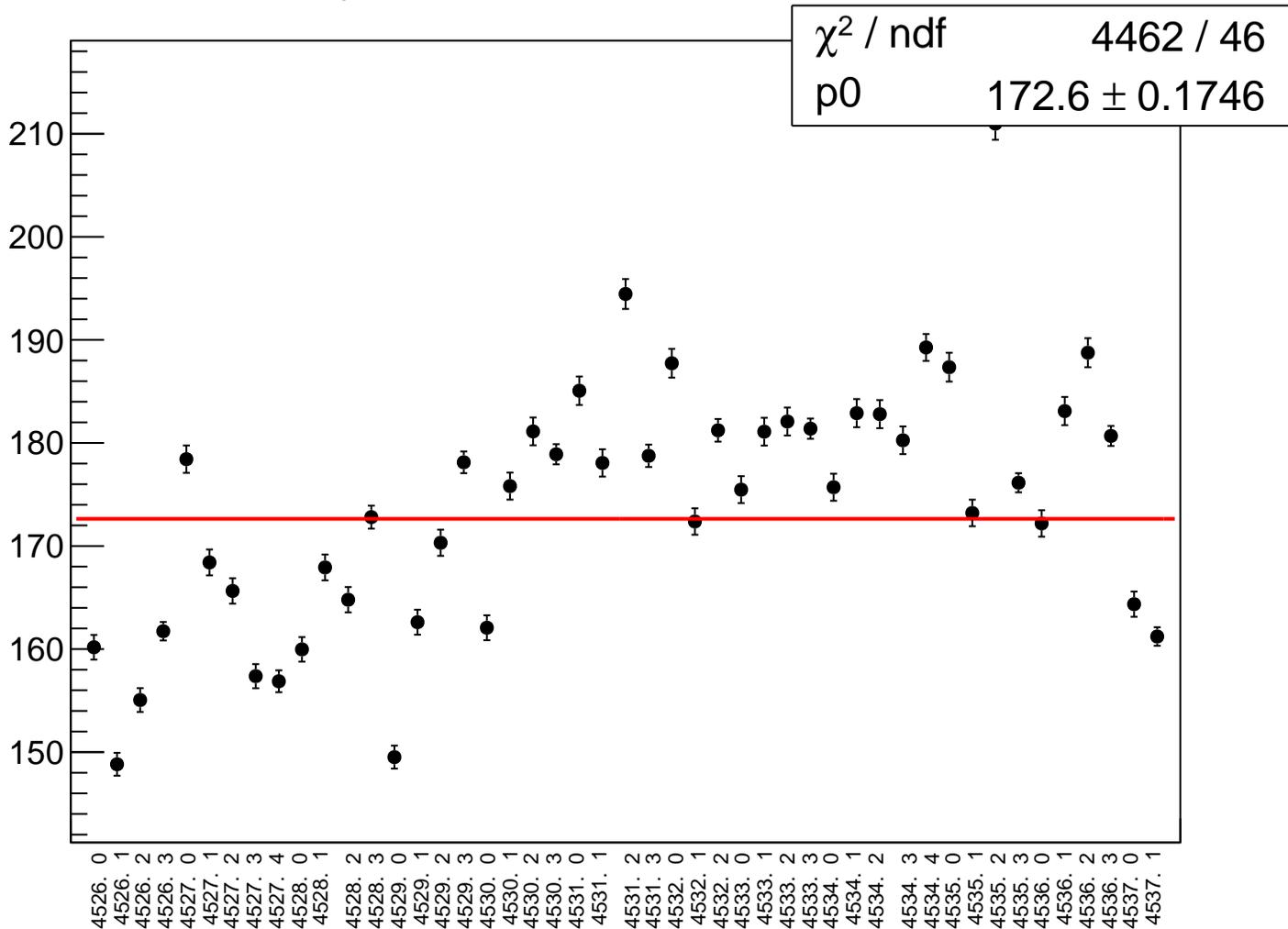
# asym\_bcm\_an\_ds\_rms vs run



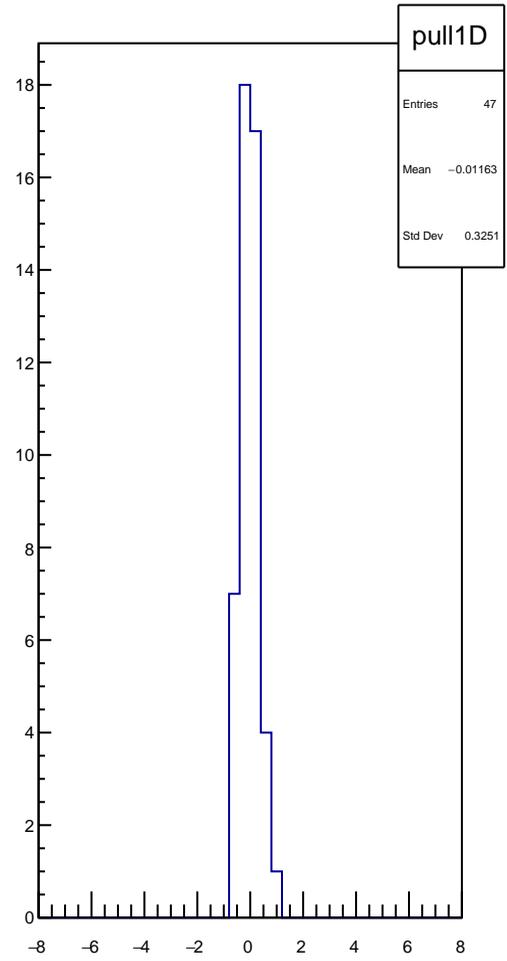
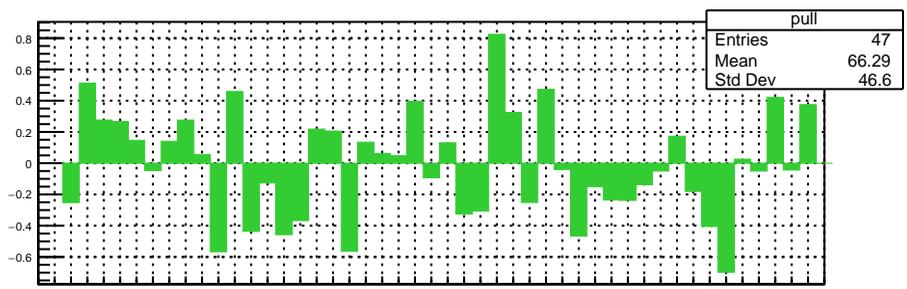
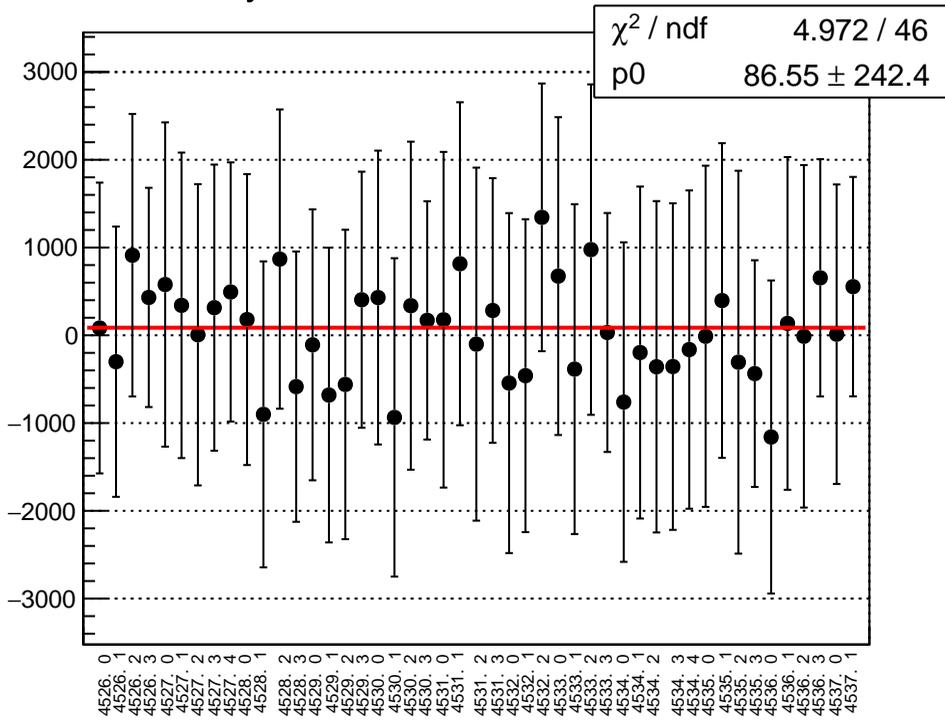
# asym\_bcm\_an\_ds3\_mean vs run



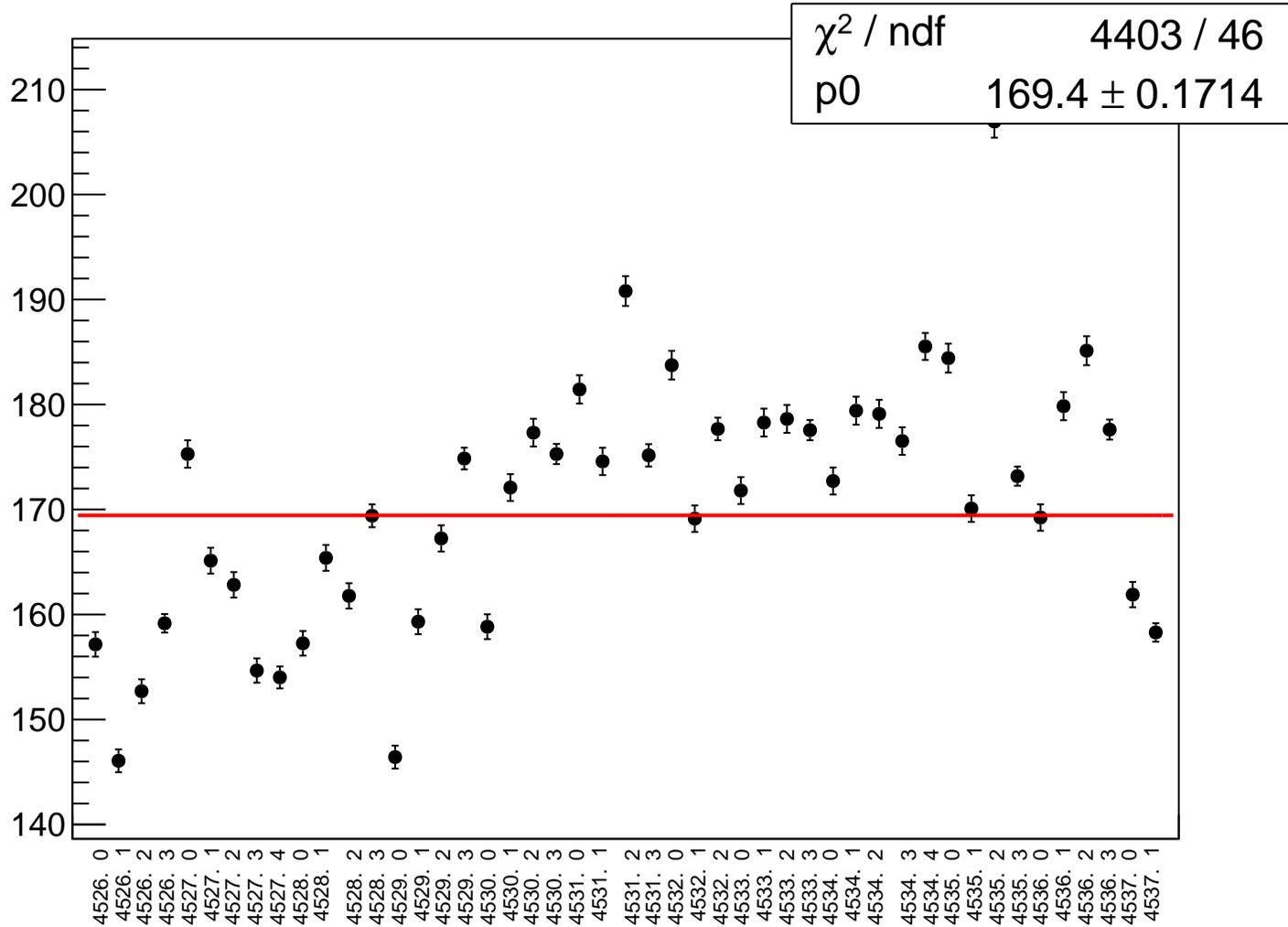
# asym\_bcm\_an\_ds3\_rms vs run



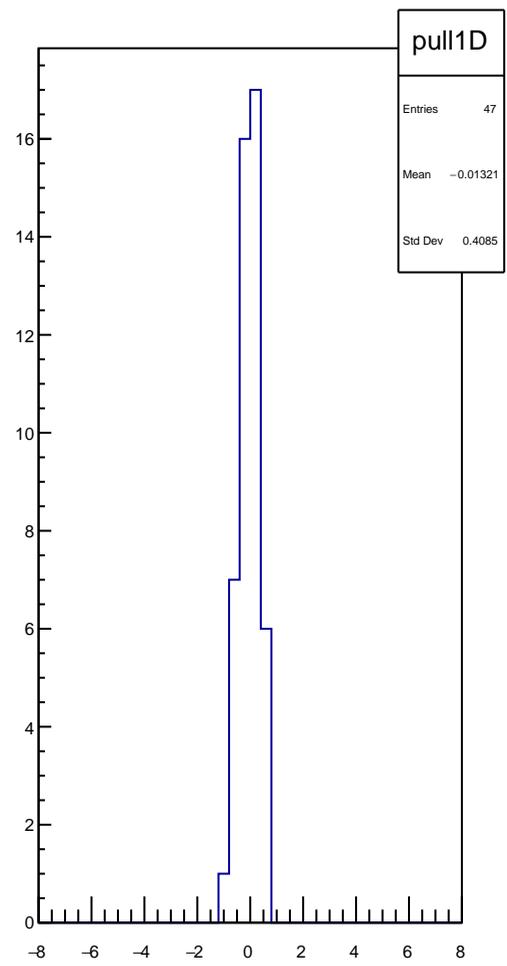
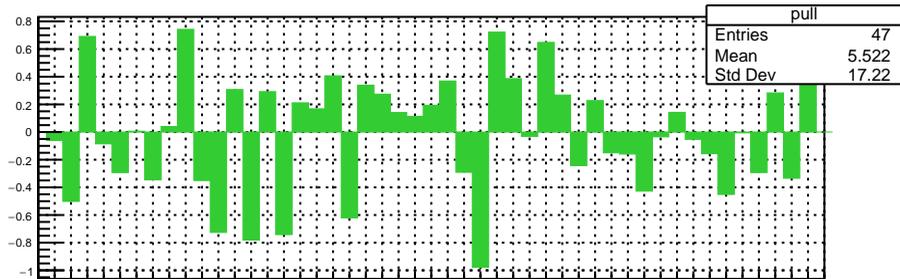
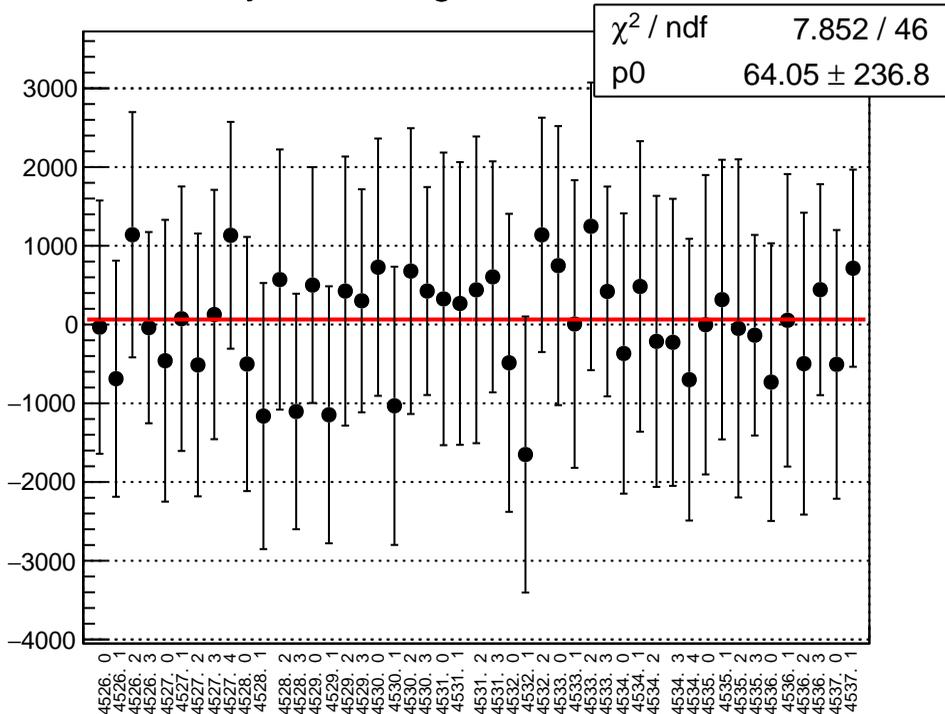
# asym\_bcm\_an\_us\_mean vs run



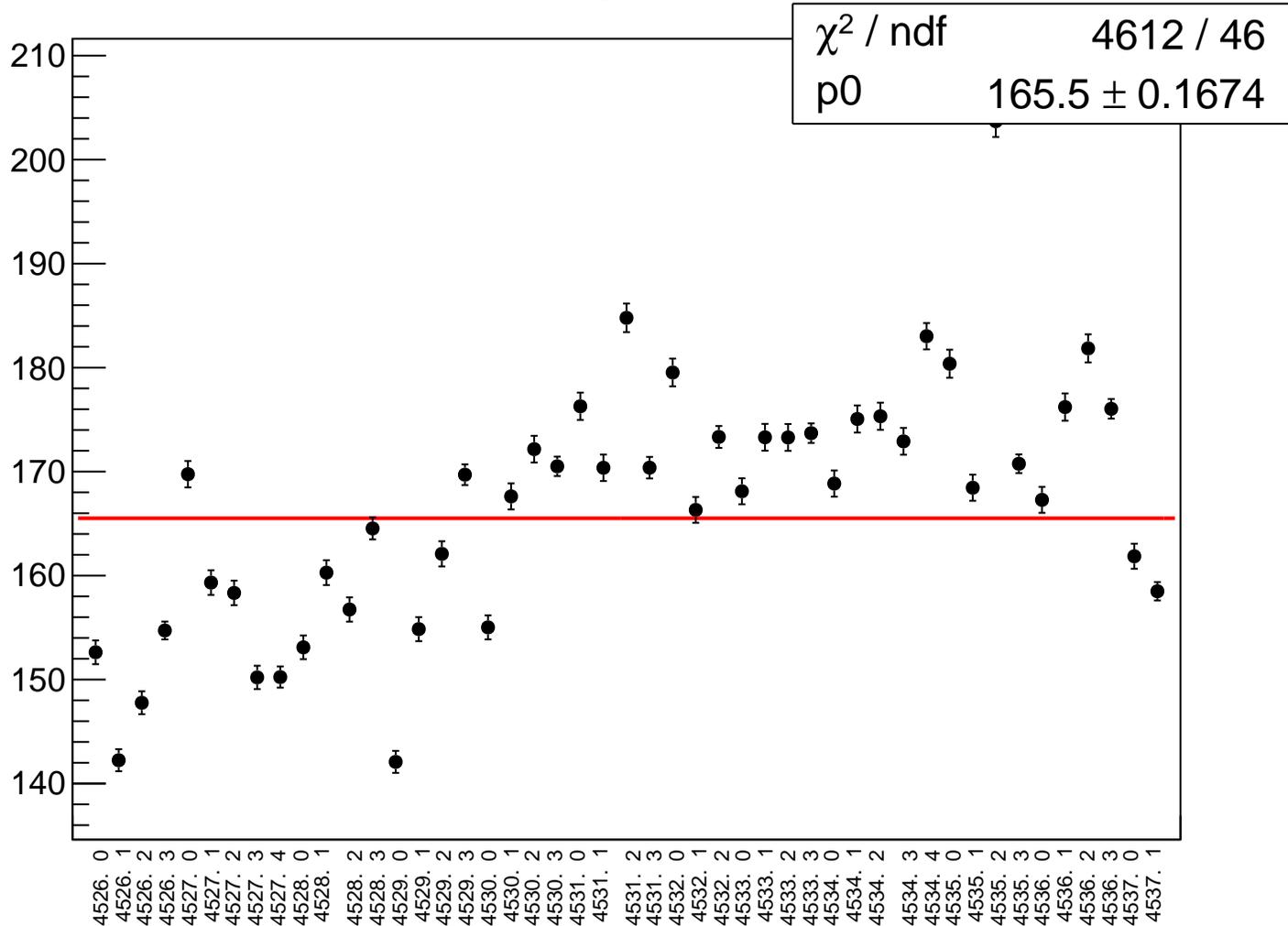
# asym\_bcm\_an\_us\_rms vs run



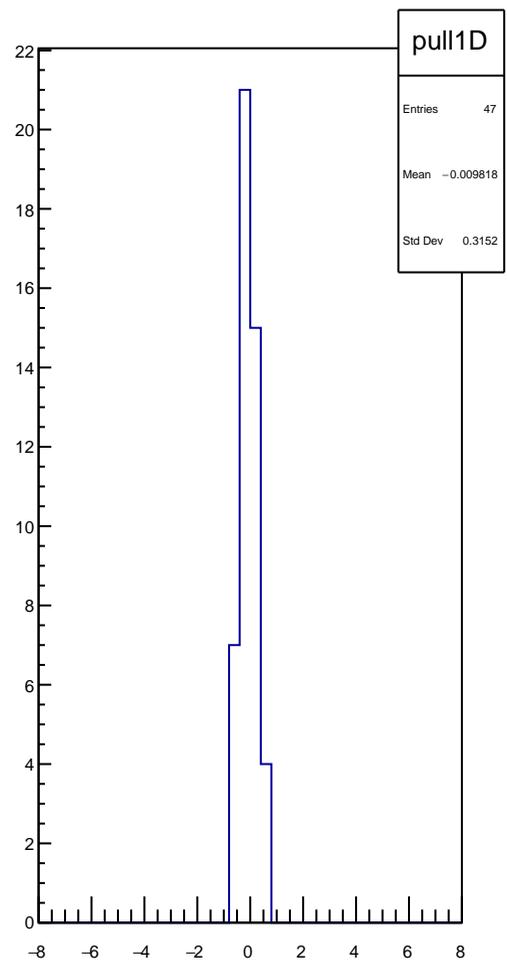
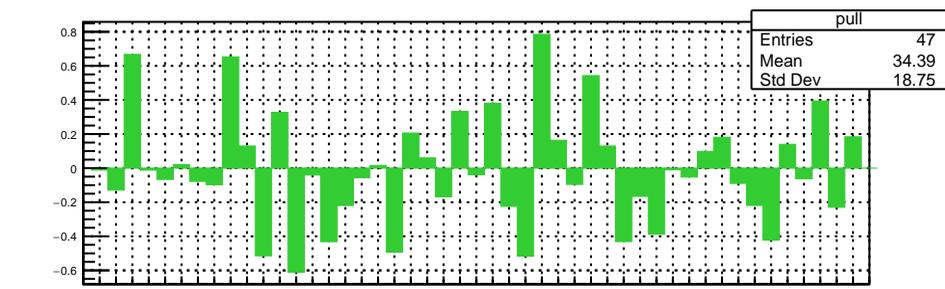
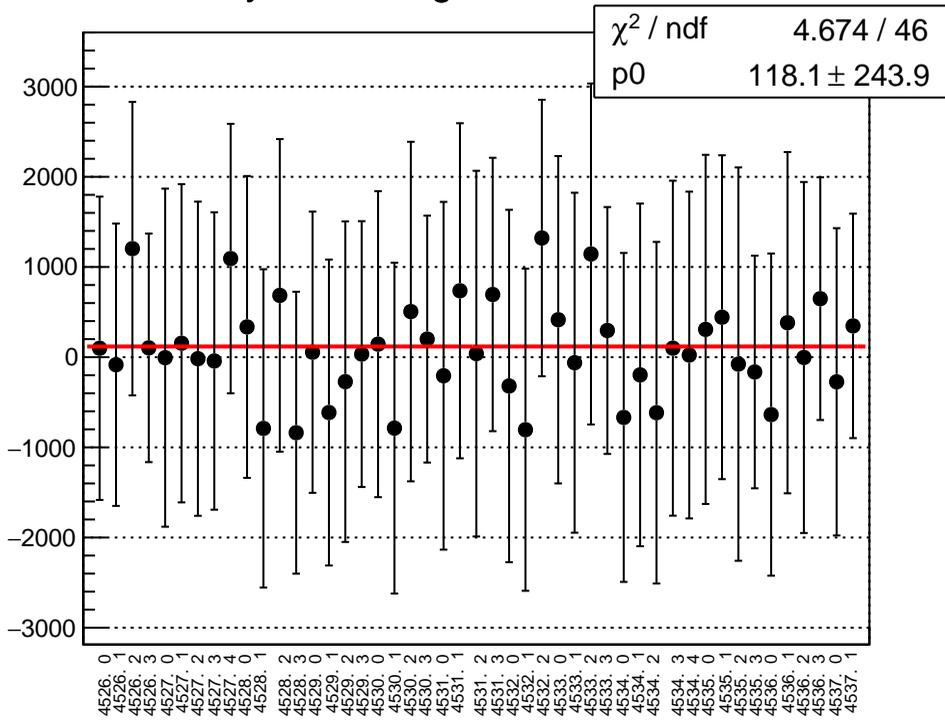
# asym\_bcm\_dg\_us\_mean vs run



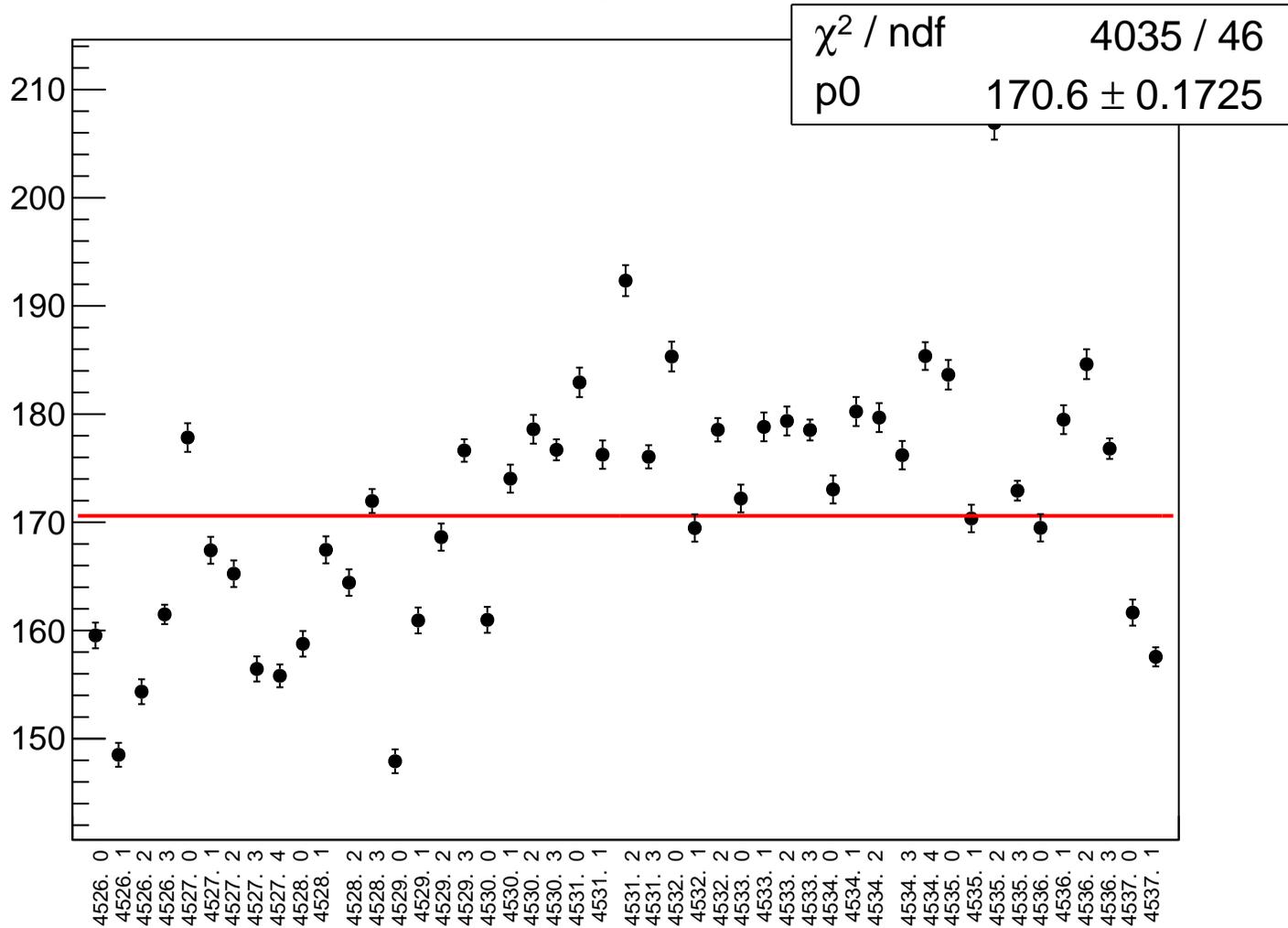
# asym\_bcm\_dg\_us\_rms vs run



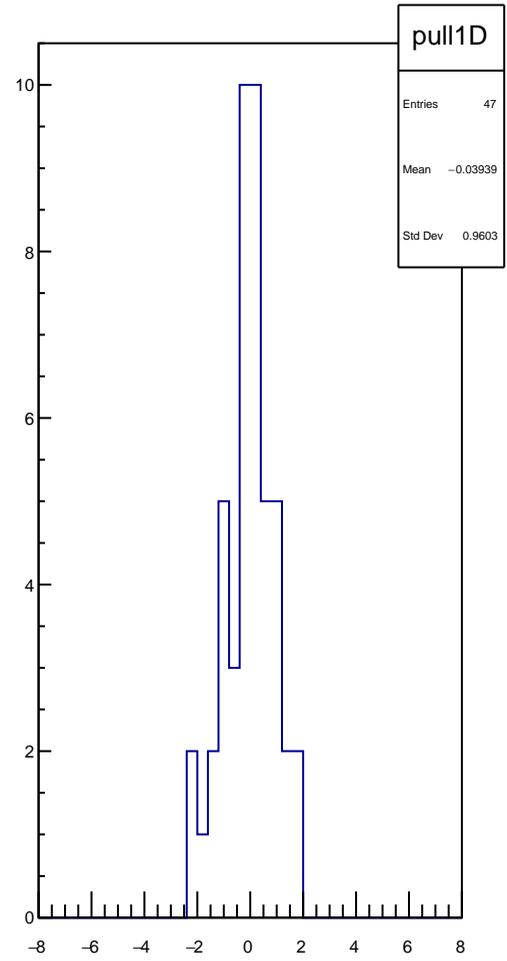
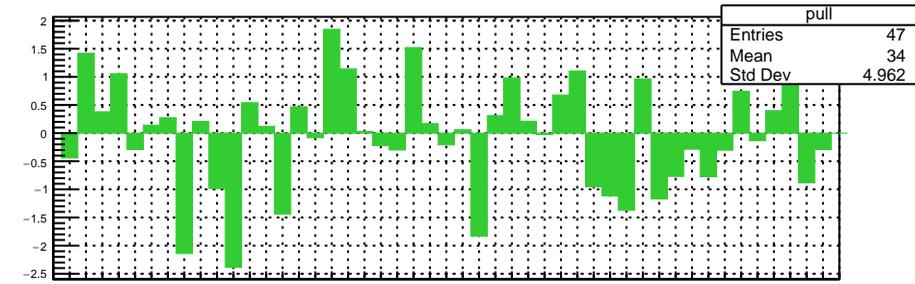
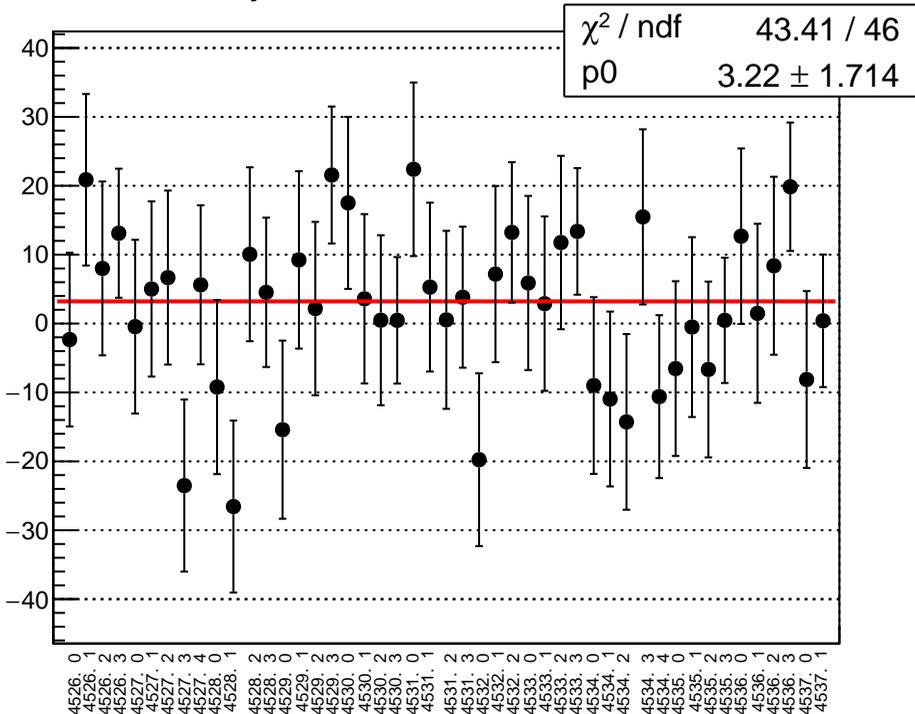
# asym\_bcm\_dg\_ds\_mean vs run



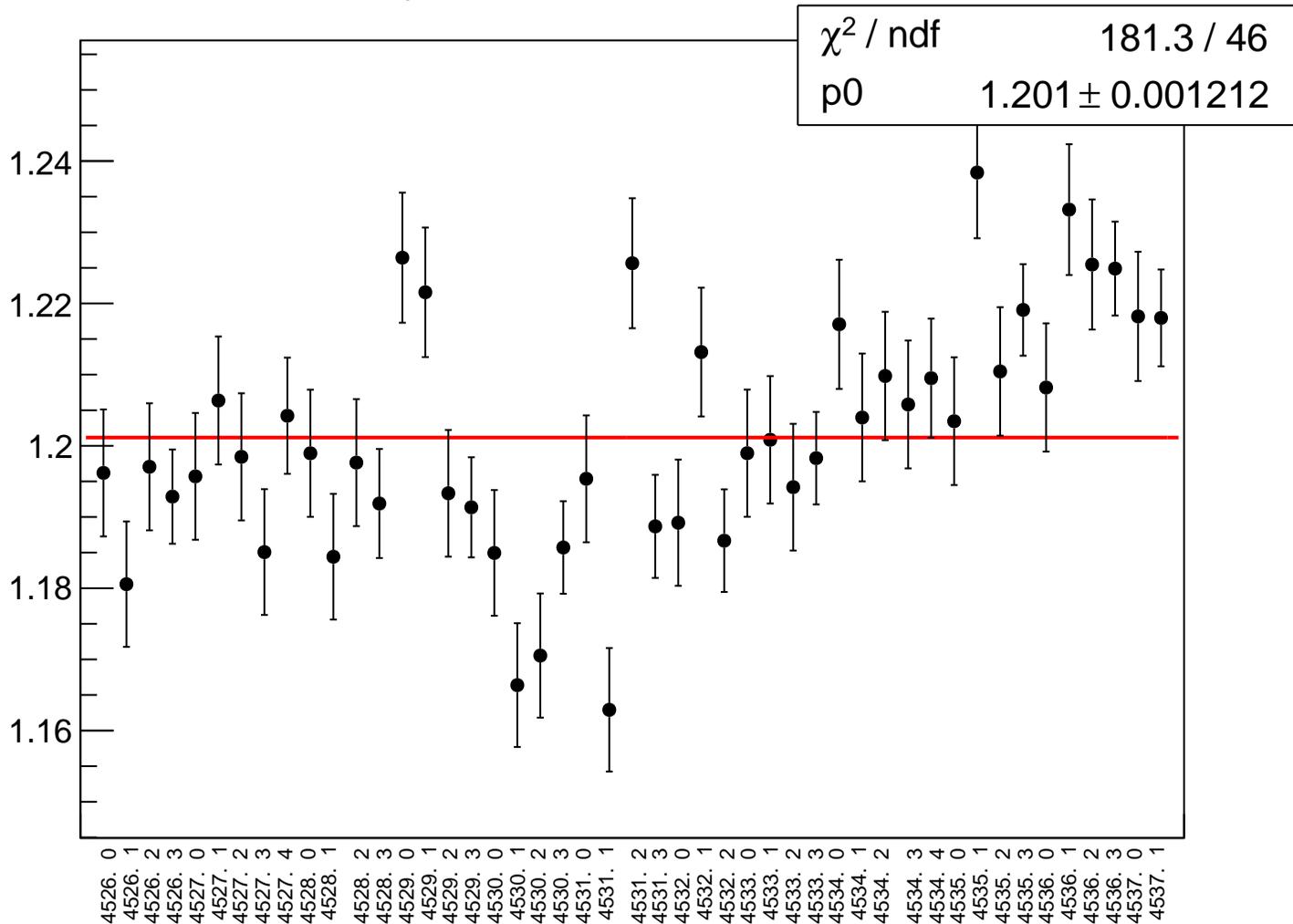
# asym\_bcm\_dg\_ds\_rms vs run



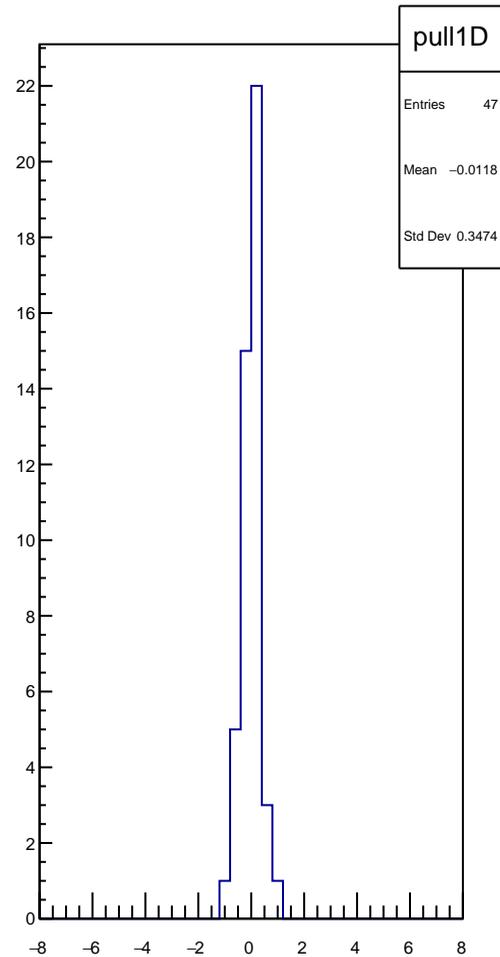
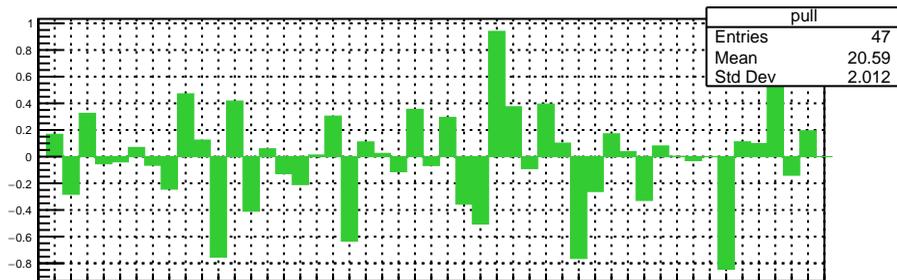
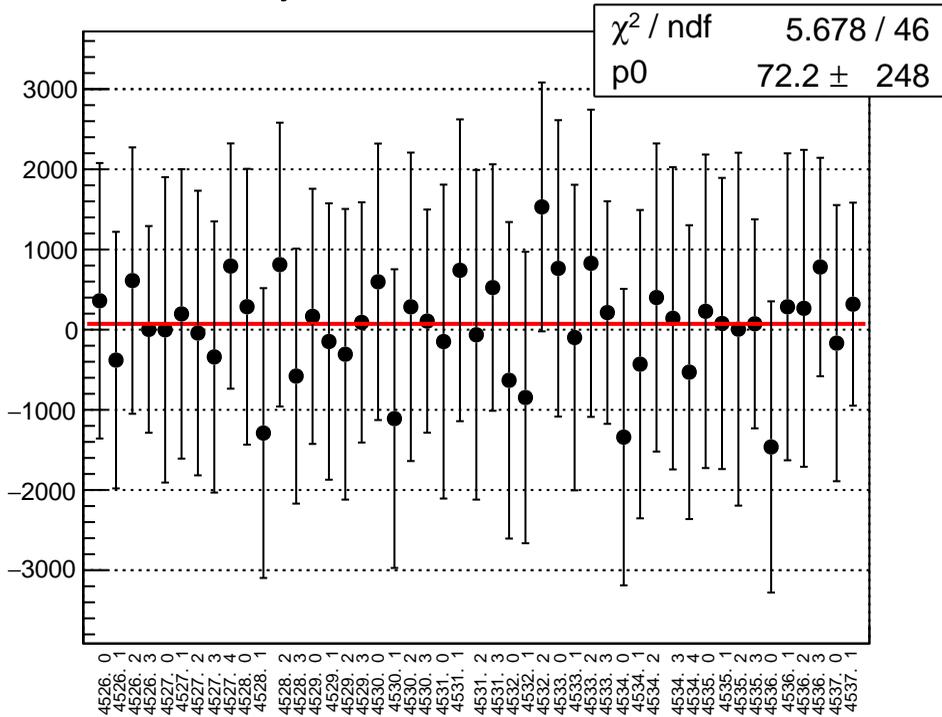
# asym\_cav4bQ\_mean vs run



# asym\_cav4bQ\_rms vs run



# asym\_cav4cQ\_mean vs run



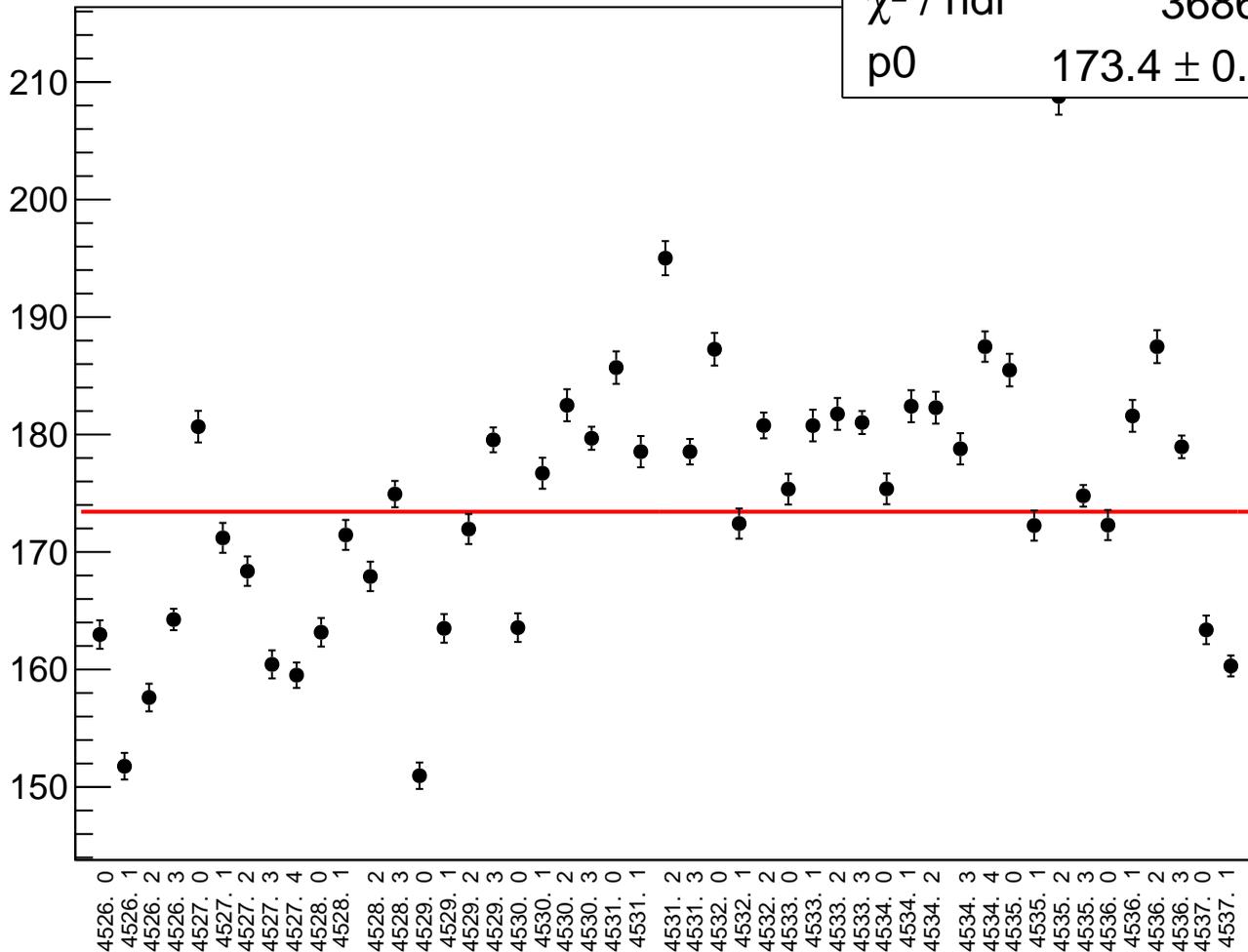
# asym\_cav4cQ\_rms vs run

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

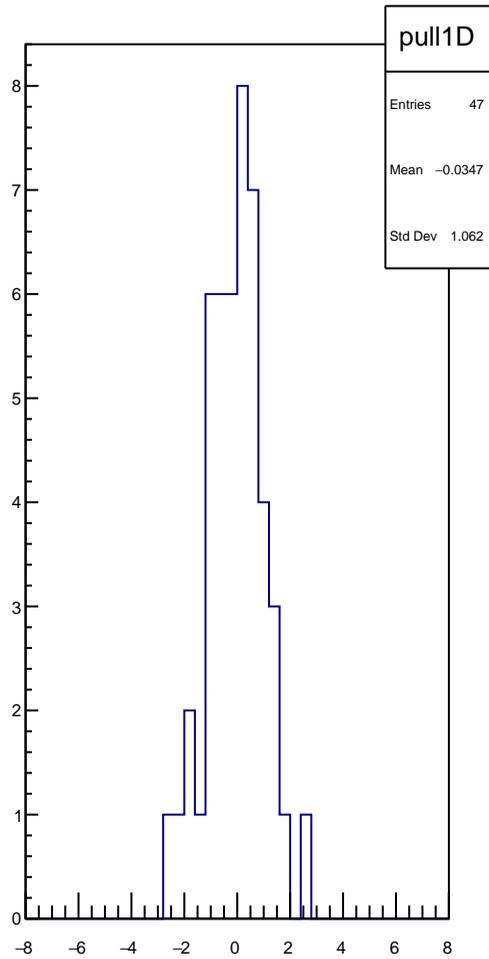
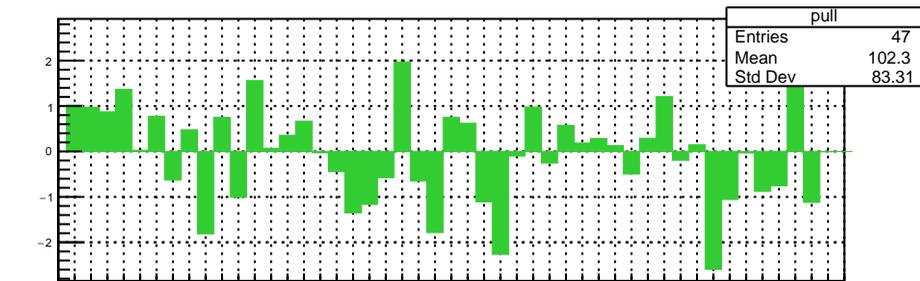
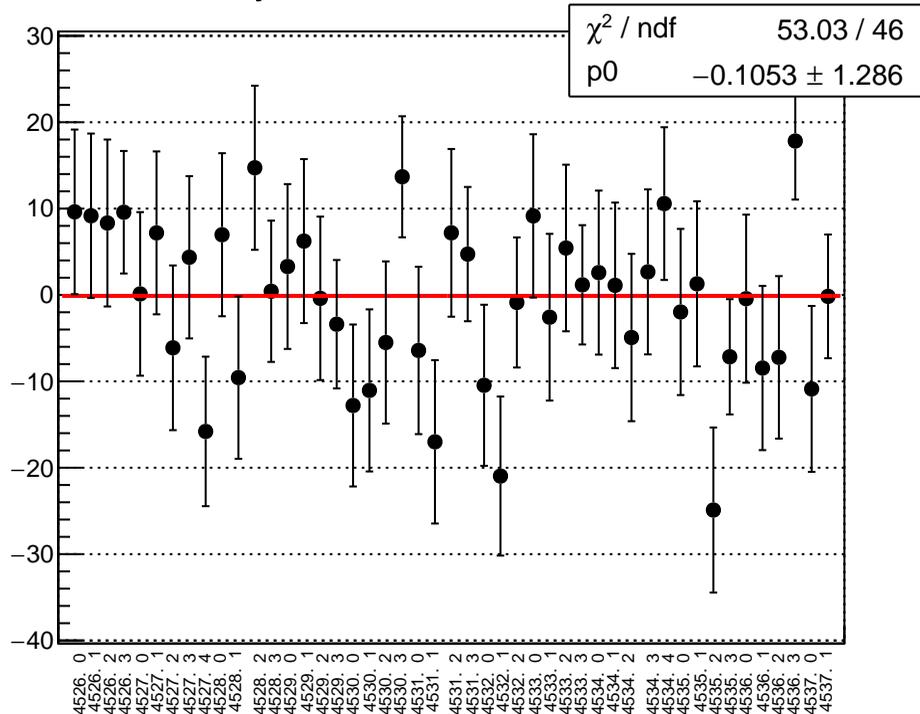
3686 / 46

p0

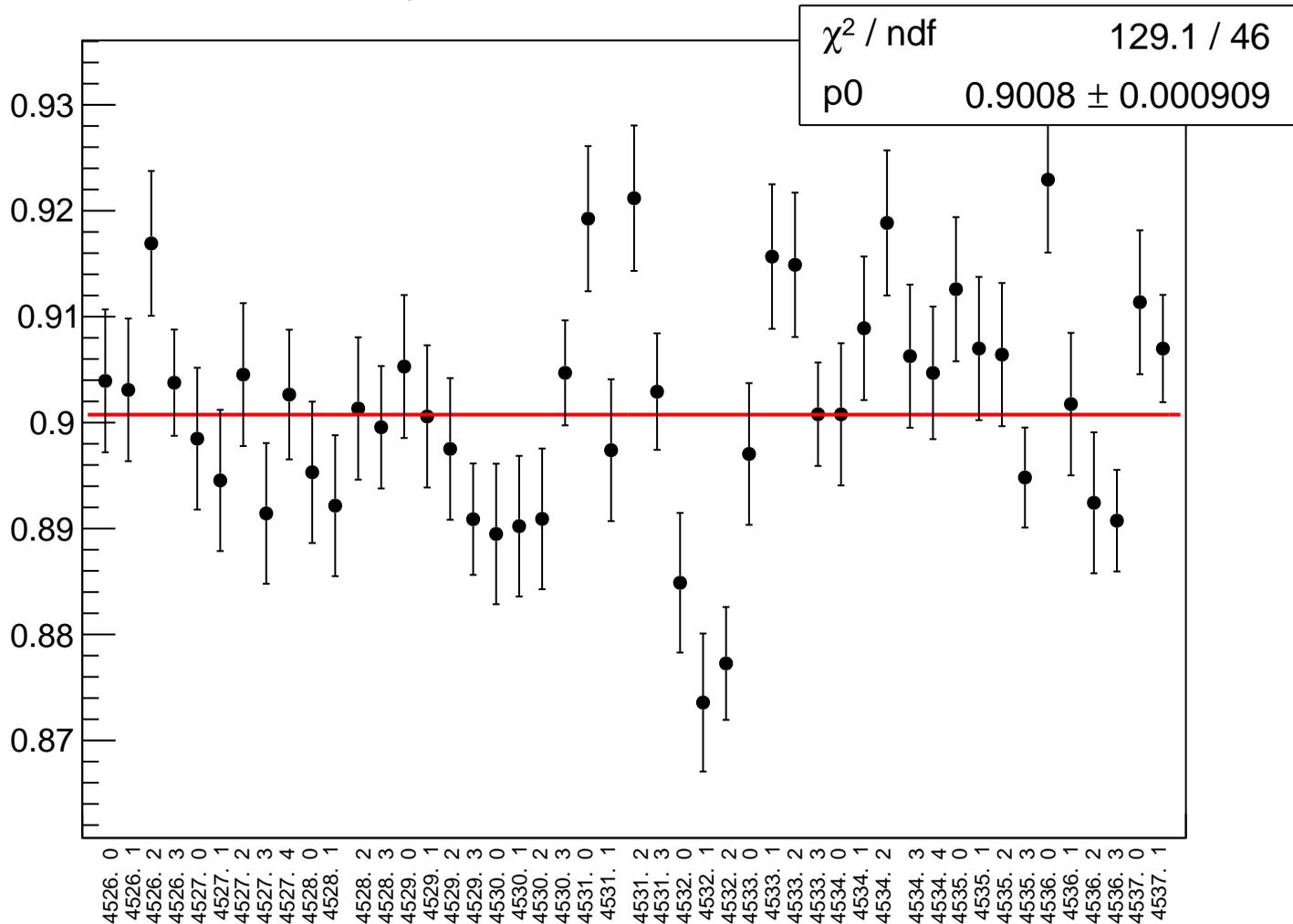
$173.4 \pm 0.1753$



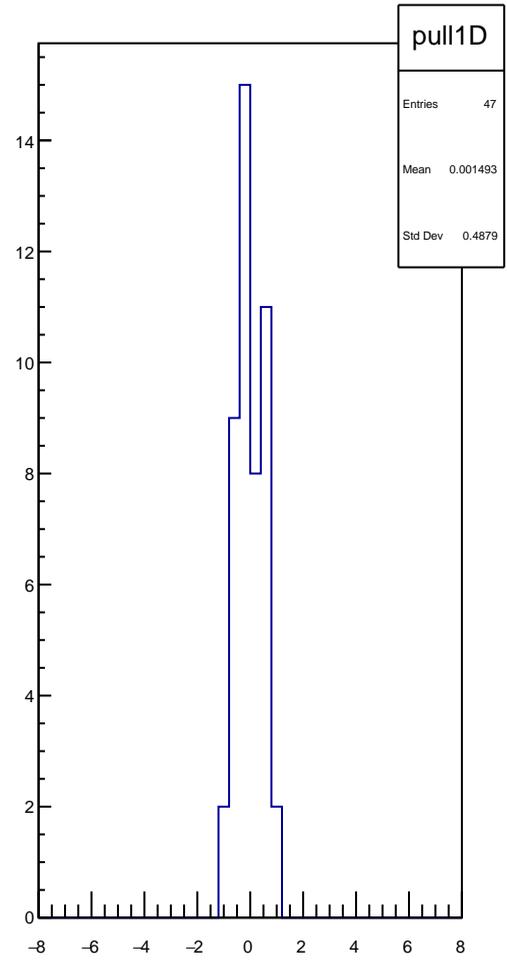
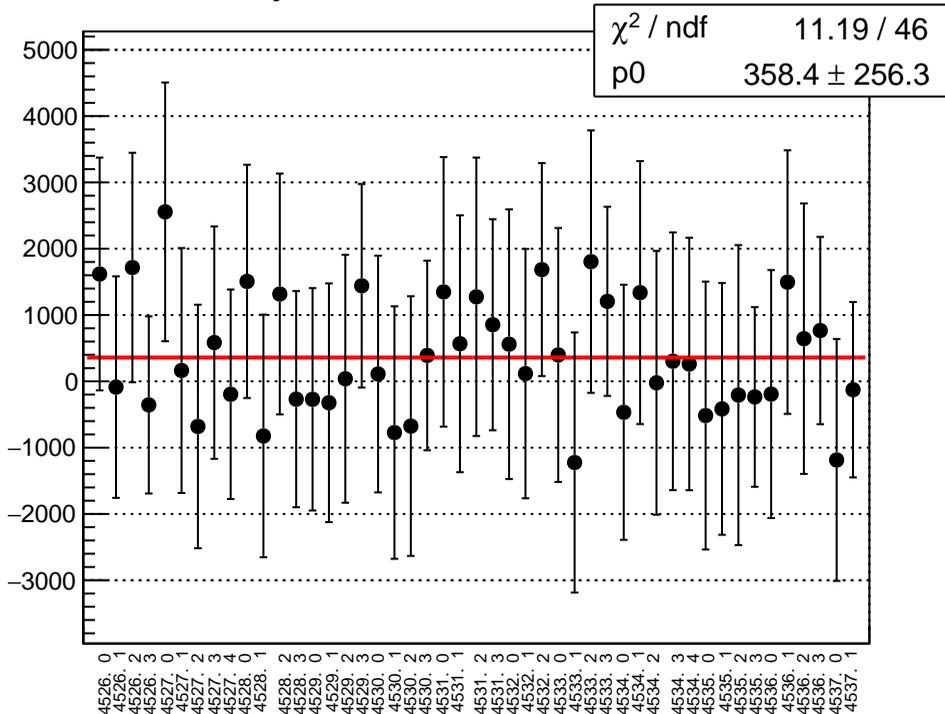
# asym\_cav4dQ\_mean vs run



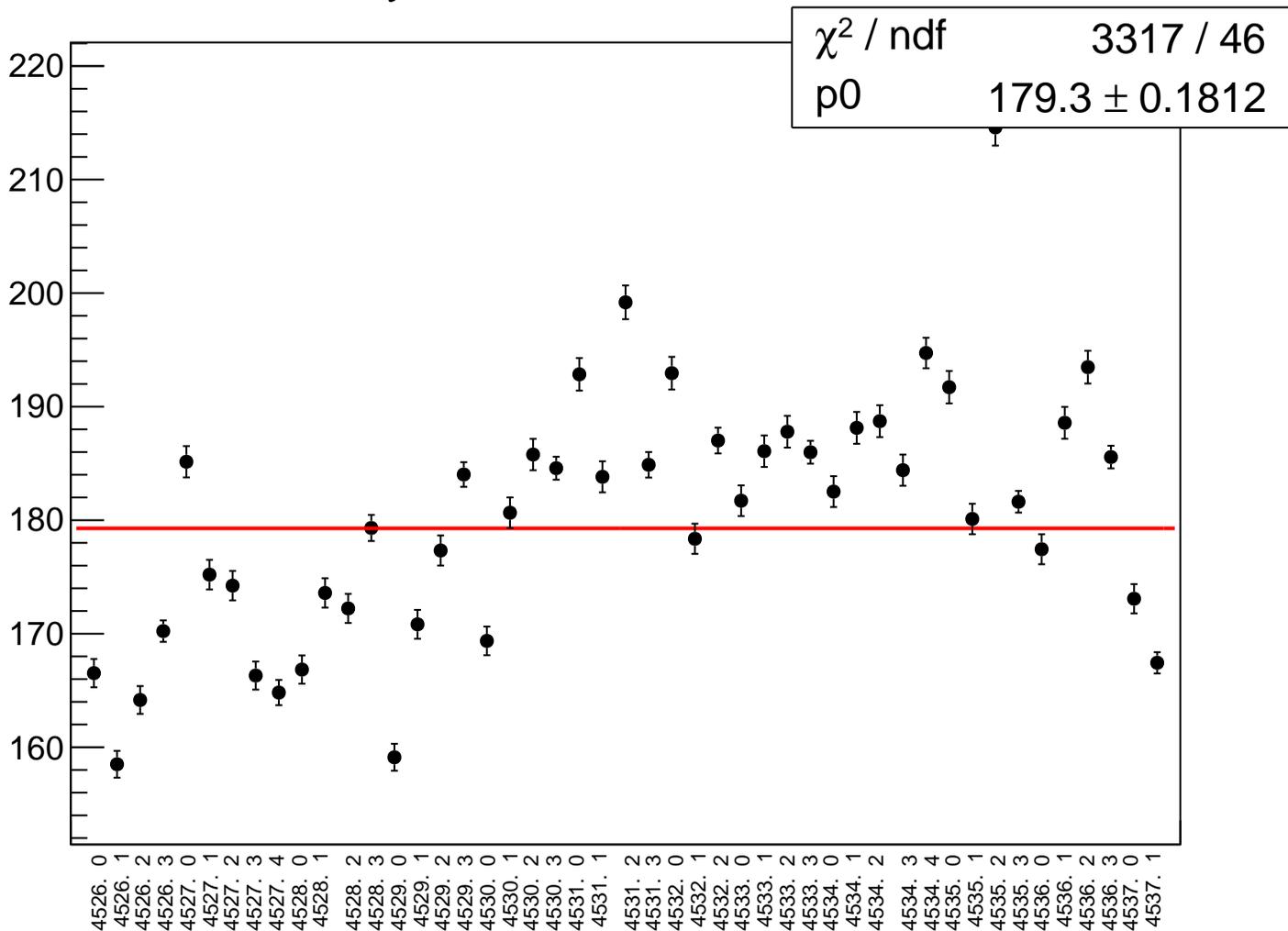
# asym\_cav4dQ\_rms vs run



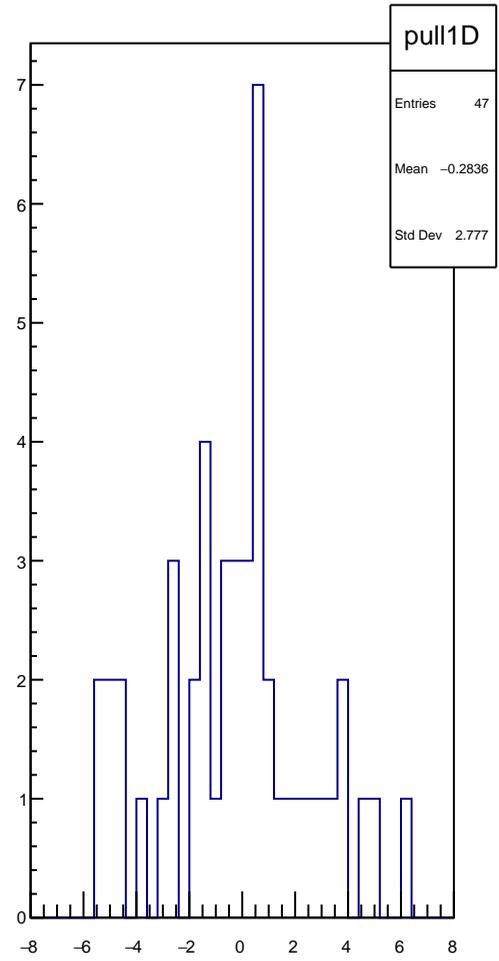
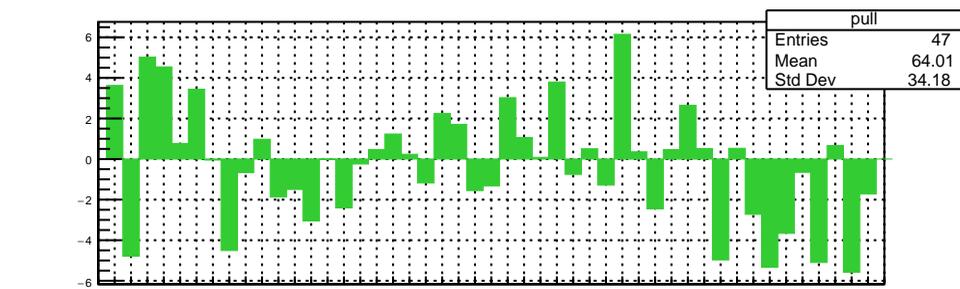
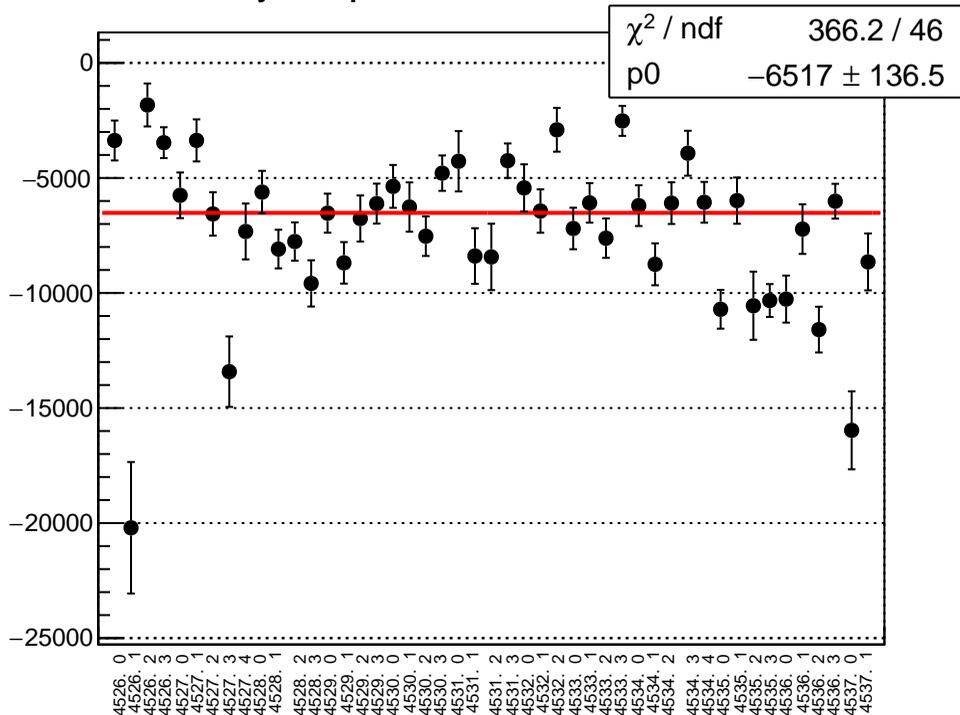
# asym\_bcm0l02\_mean vs run



# asym\_bcm0l02\_rms vs run

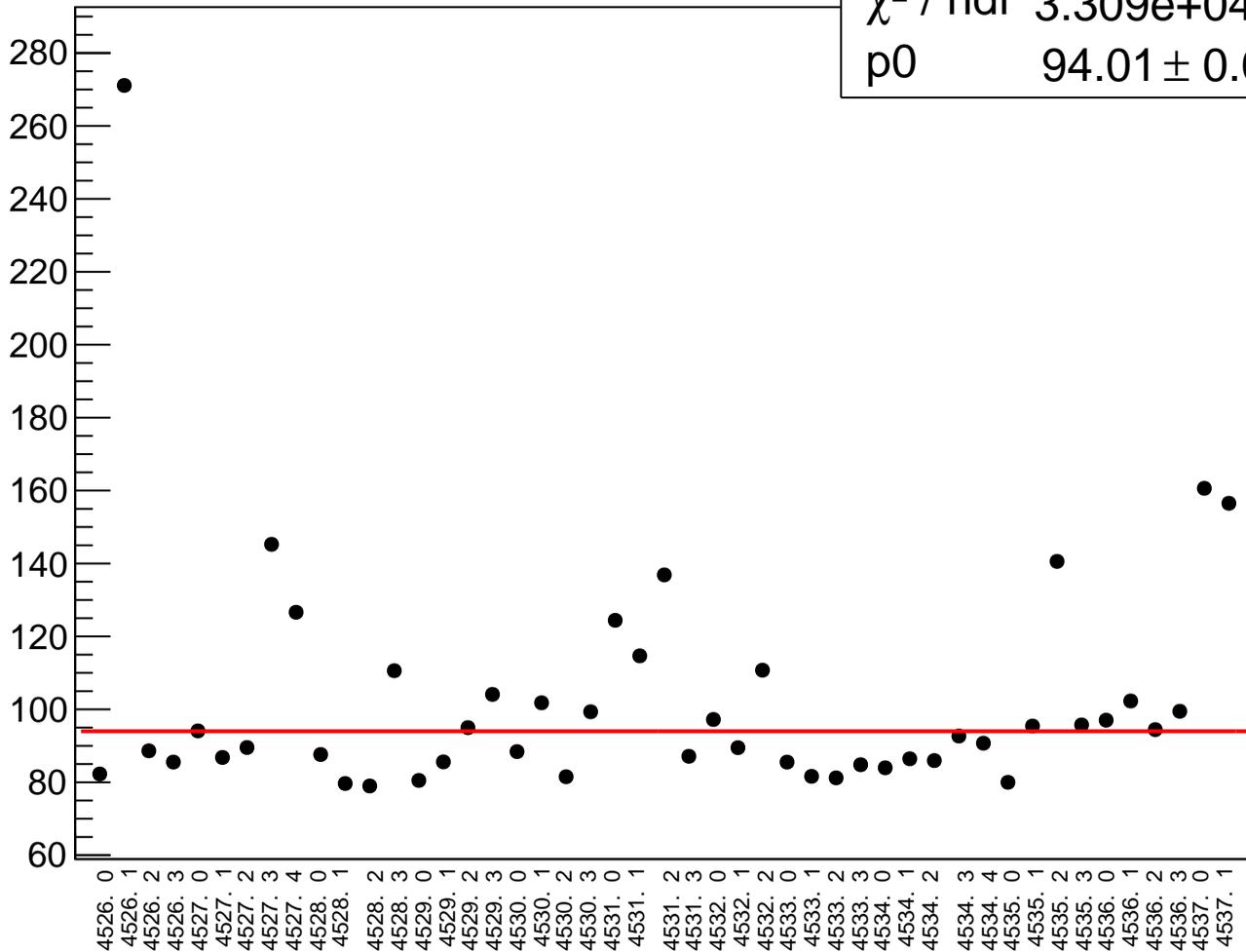


# asym\_bpm2i01WS\_mean vs run

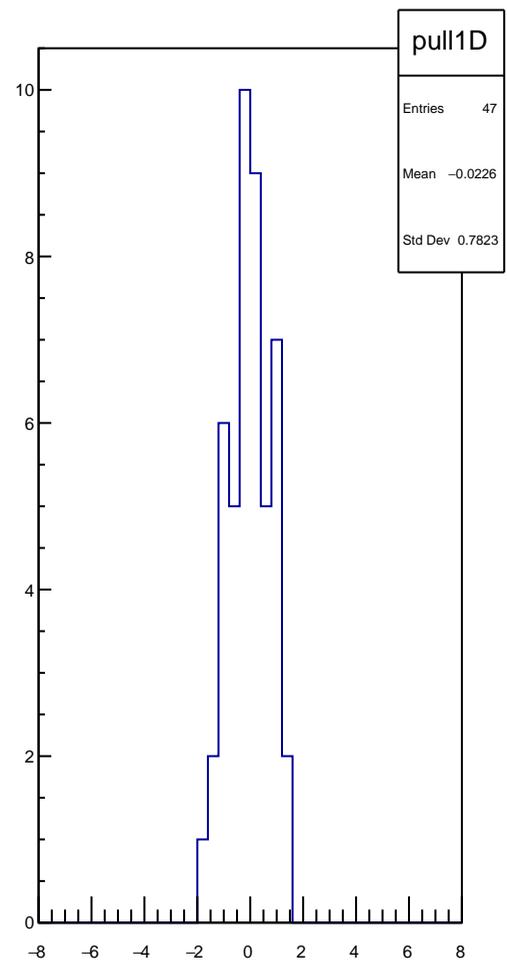
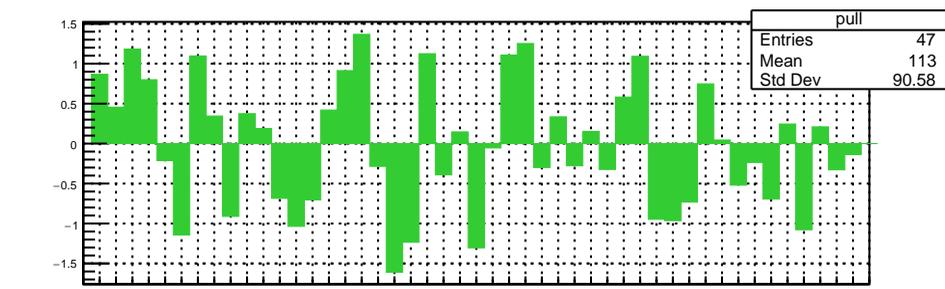
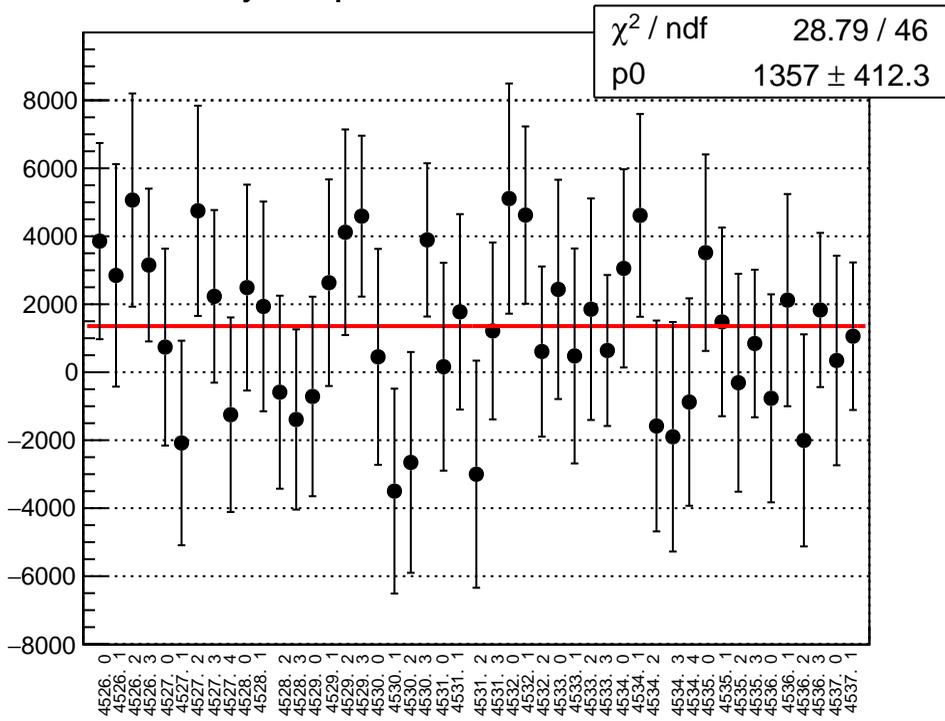


# asym\_bpm2i01WS\_rms vs run

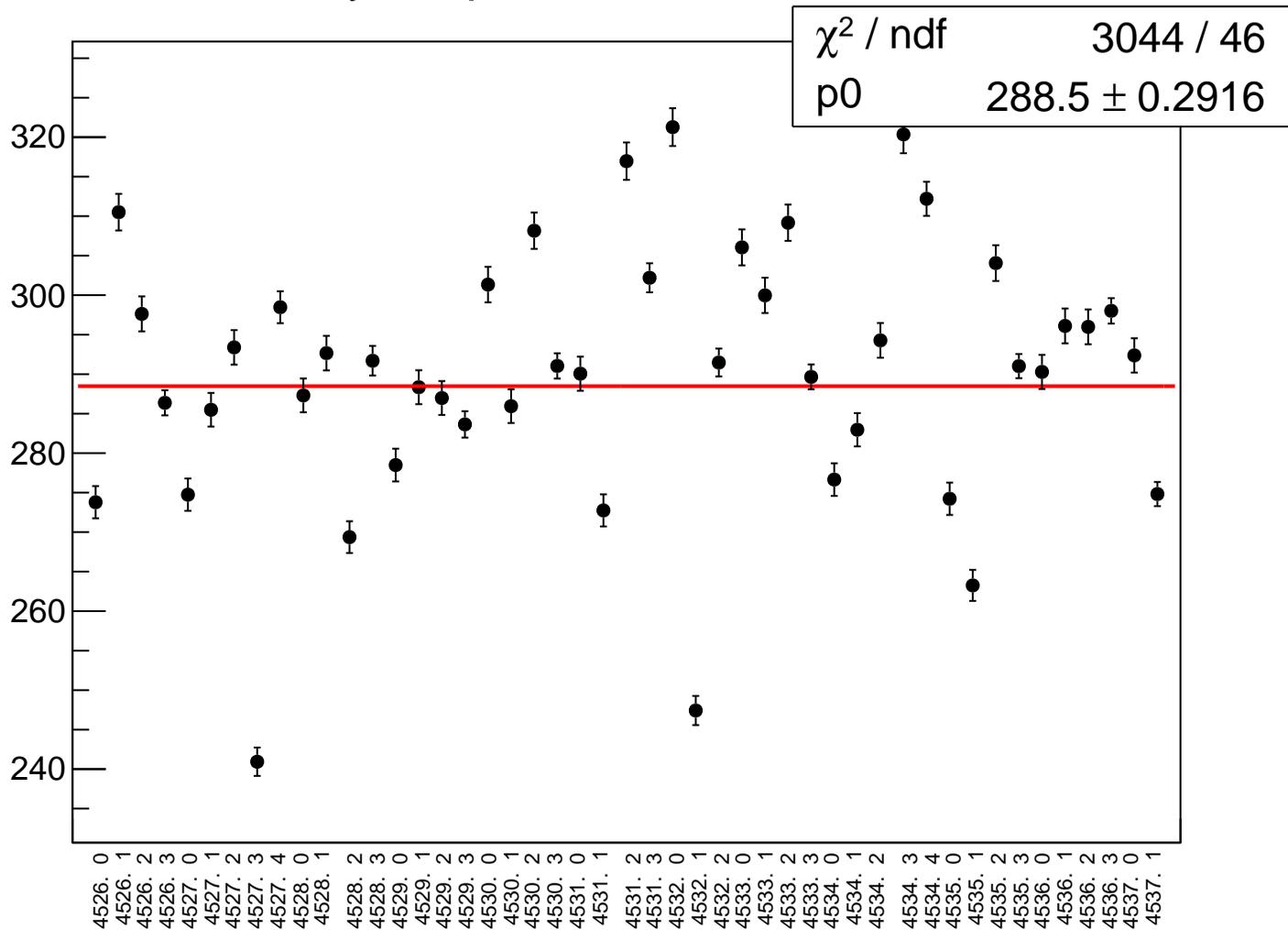
$\chi^2 / \text{ndf}$  3.309e+04 / 46  
p0 94.01  $\pm$  0.0965



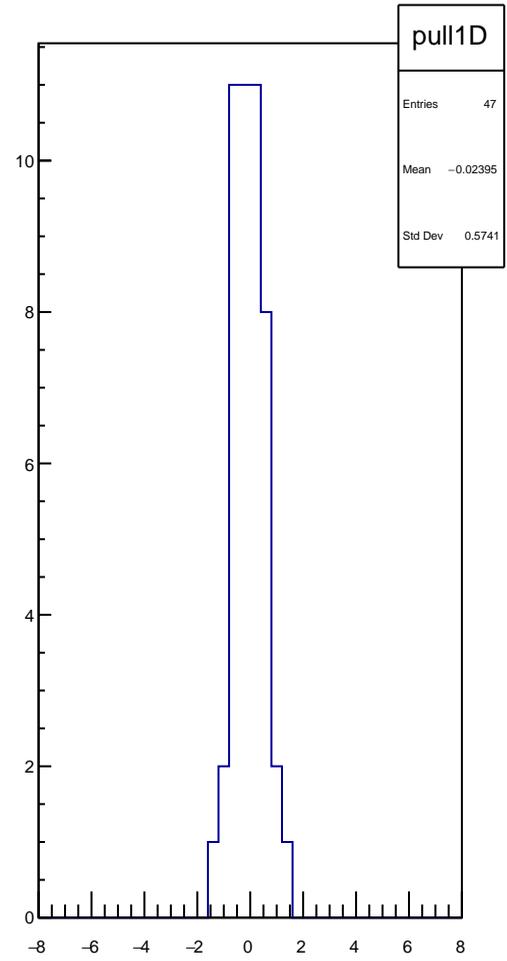
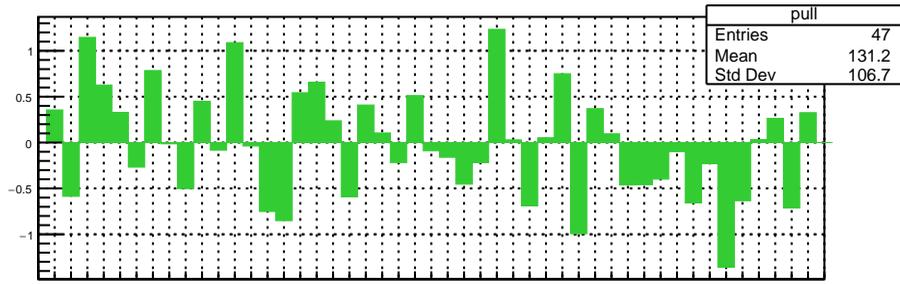
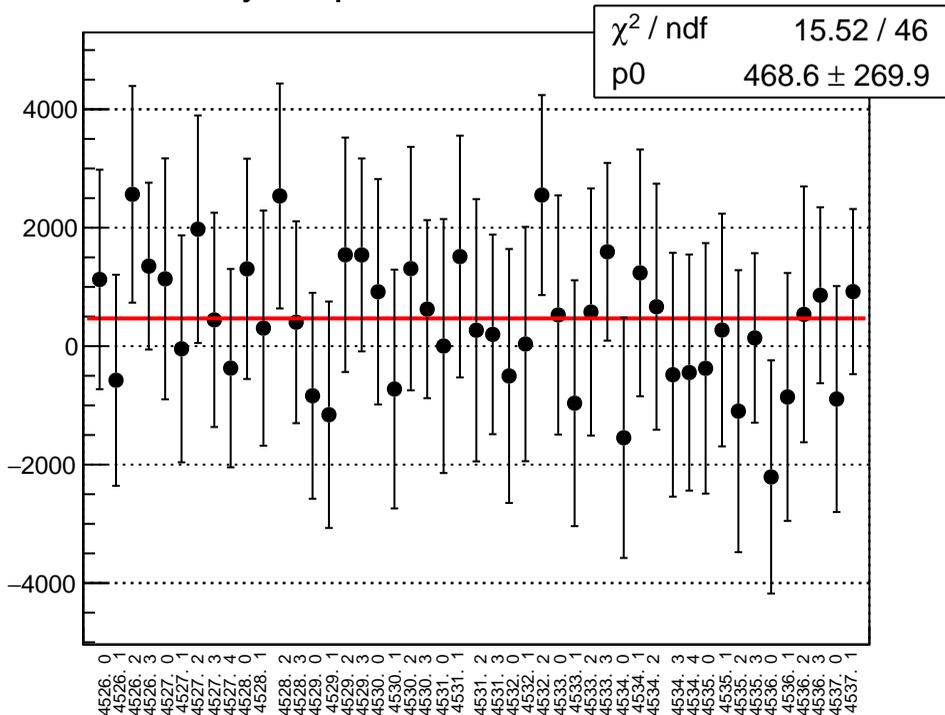
# asym\_bpm0i07WS\_mean vs run



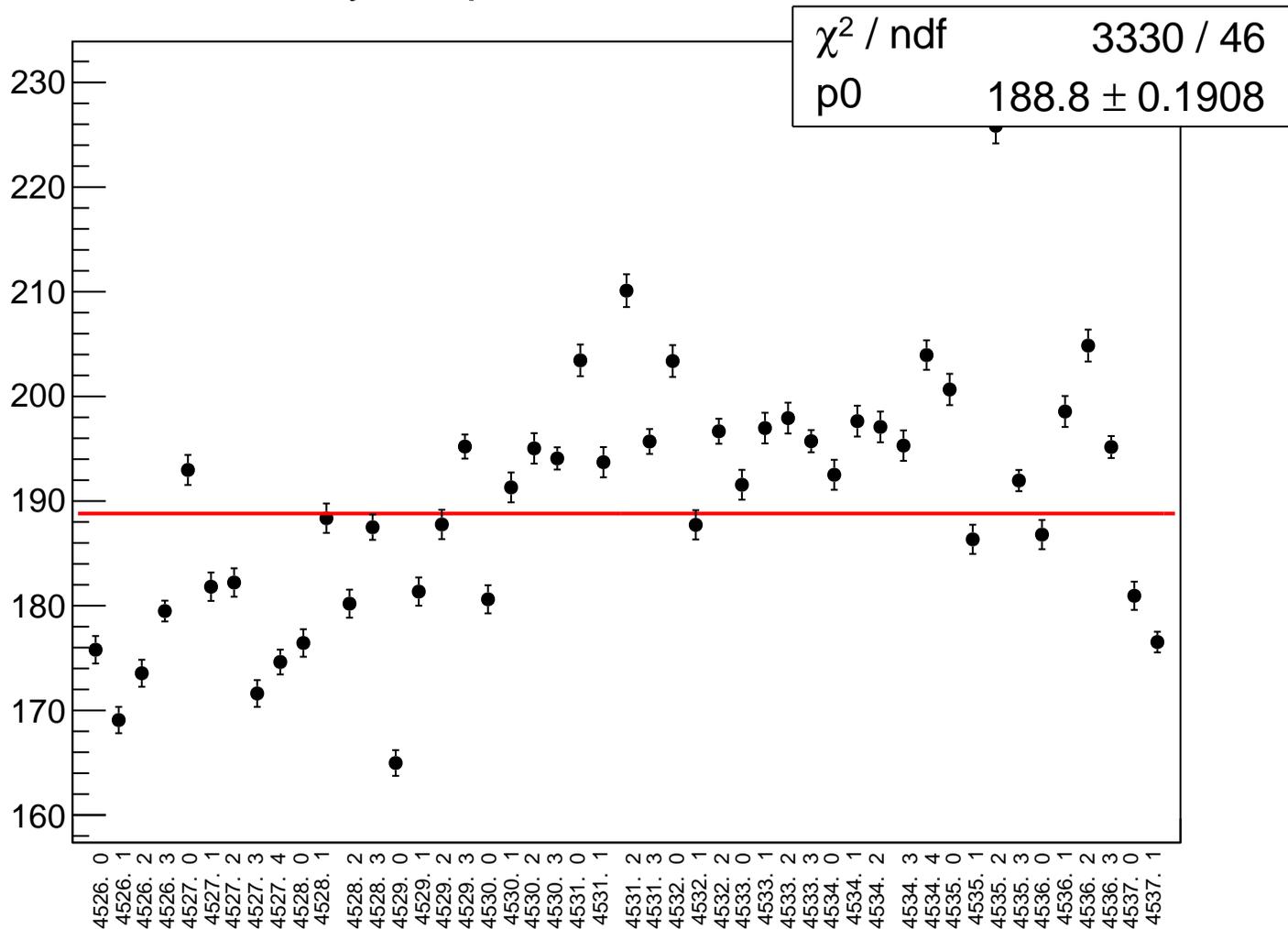
# asym\_bpm0i07WS\_rms vs run



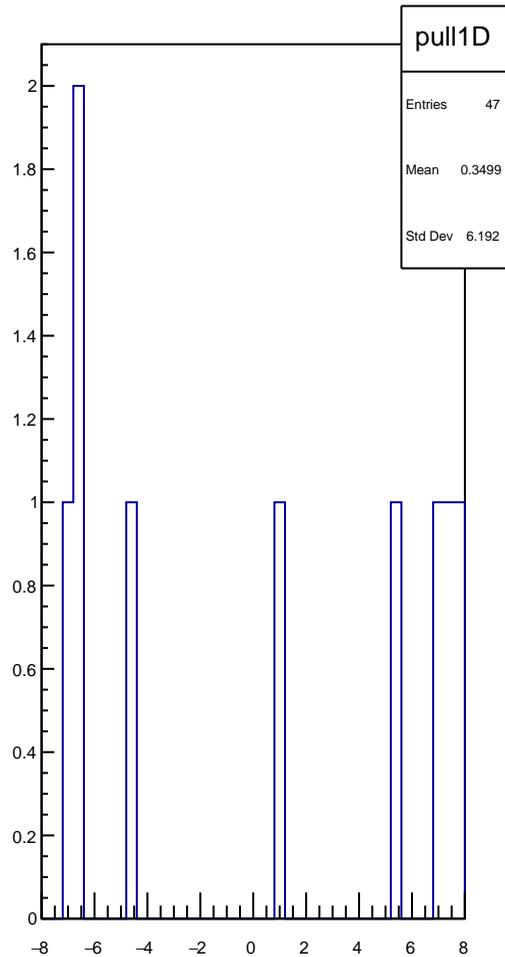
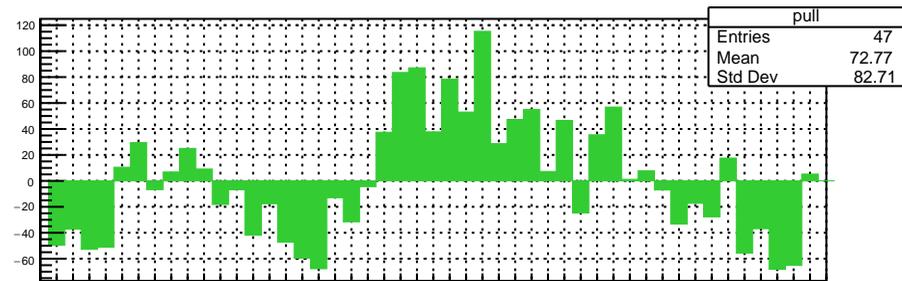
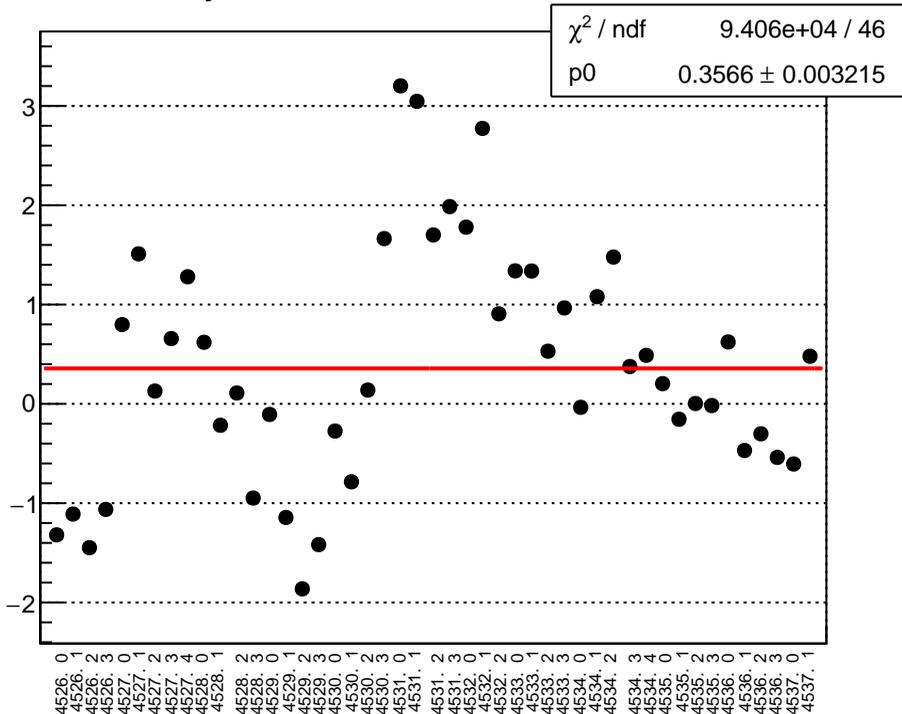
# asym\_bpm0I01WS\_mean vs run



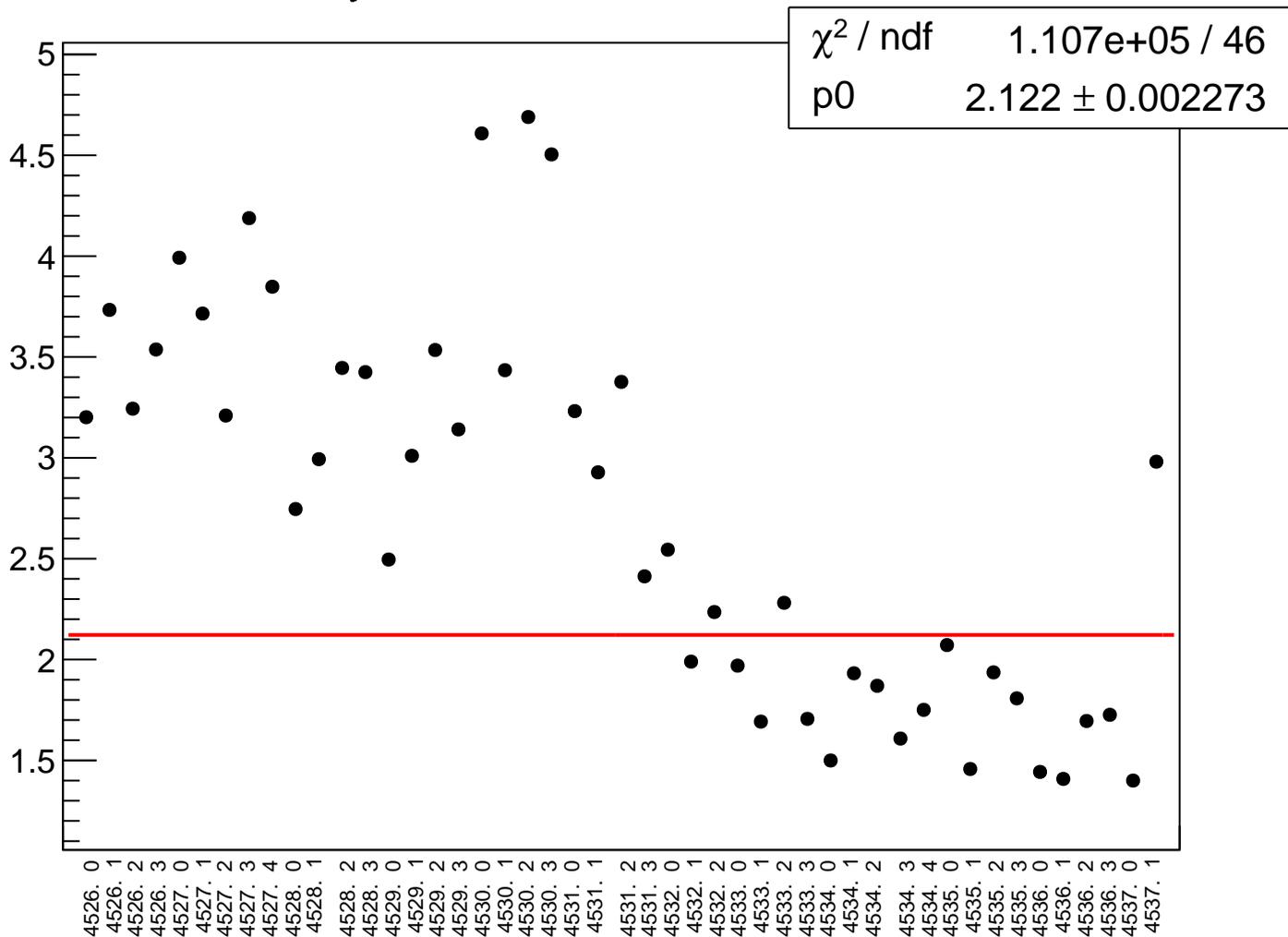
# asym\_bpm0l01WS\_rms vs run



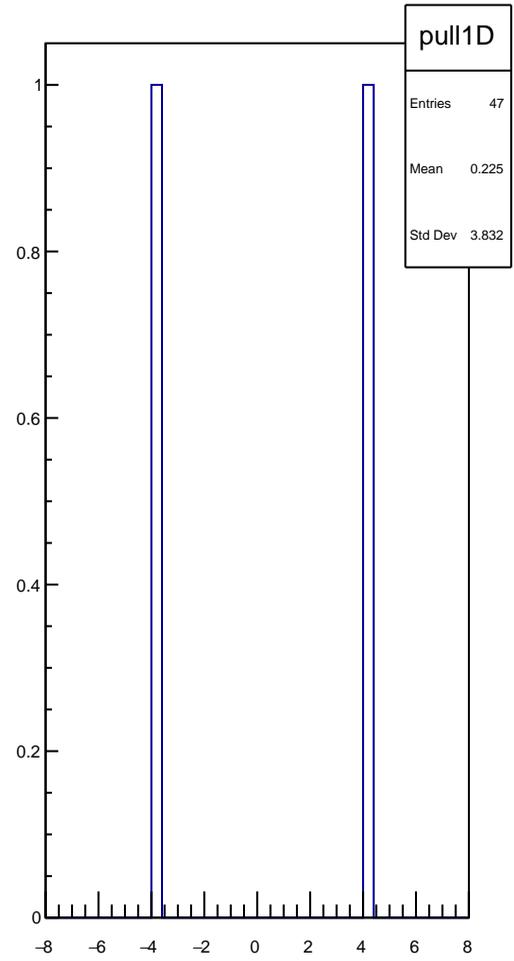
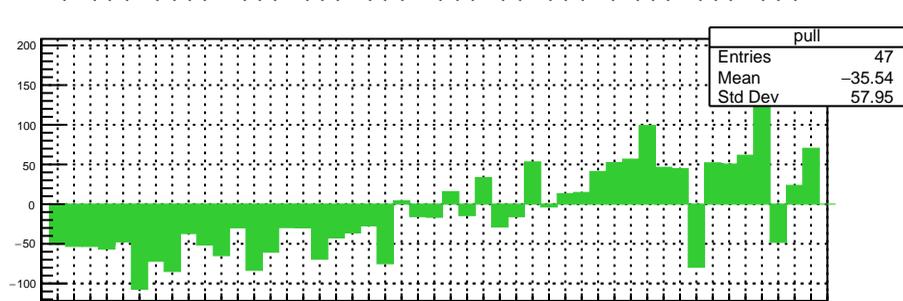
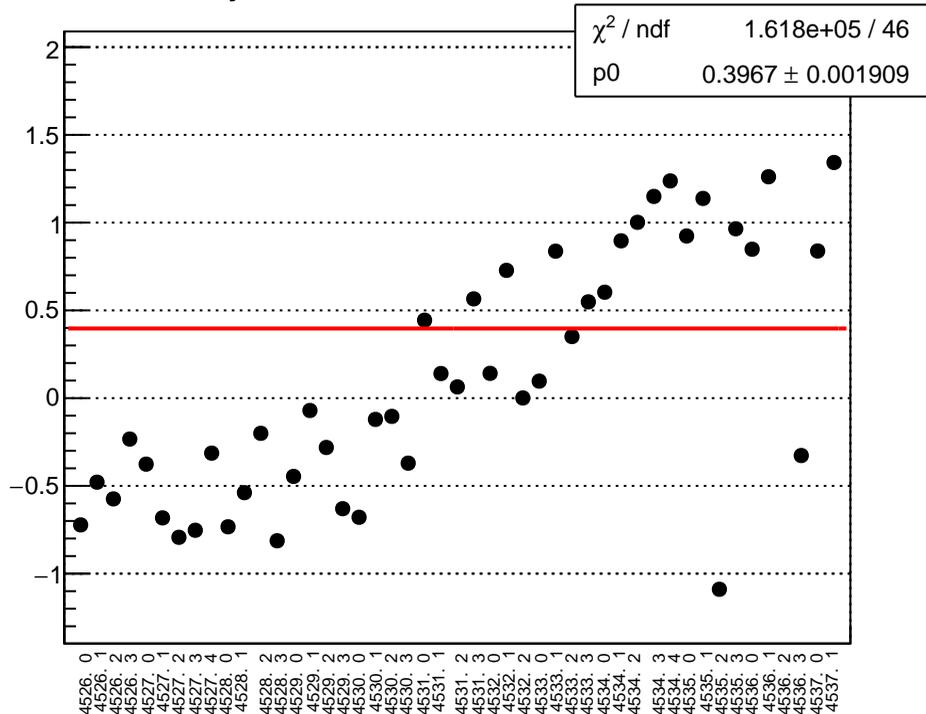
# yield\_cav4bX\_mean vs run



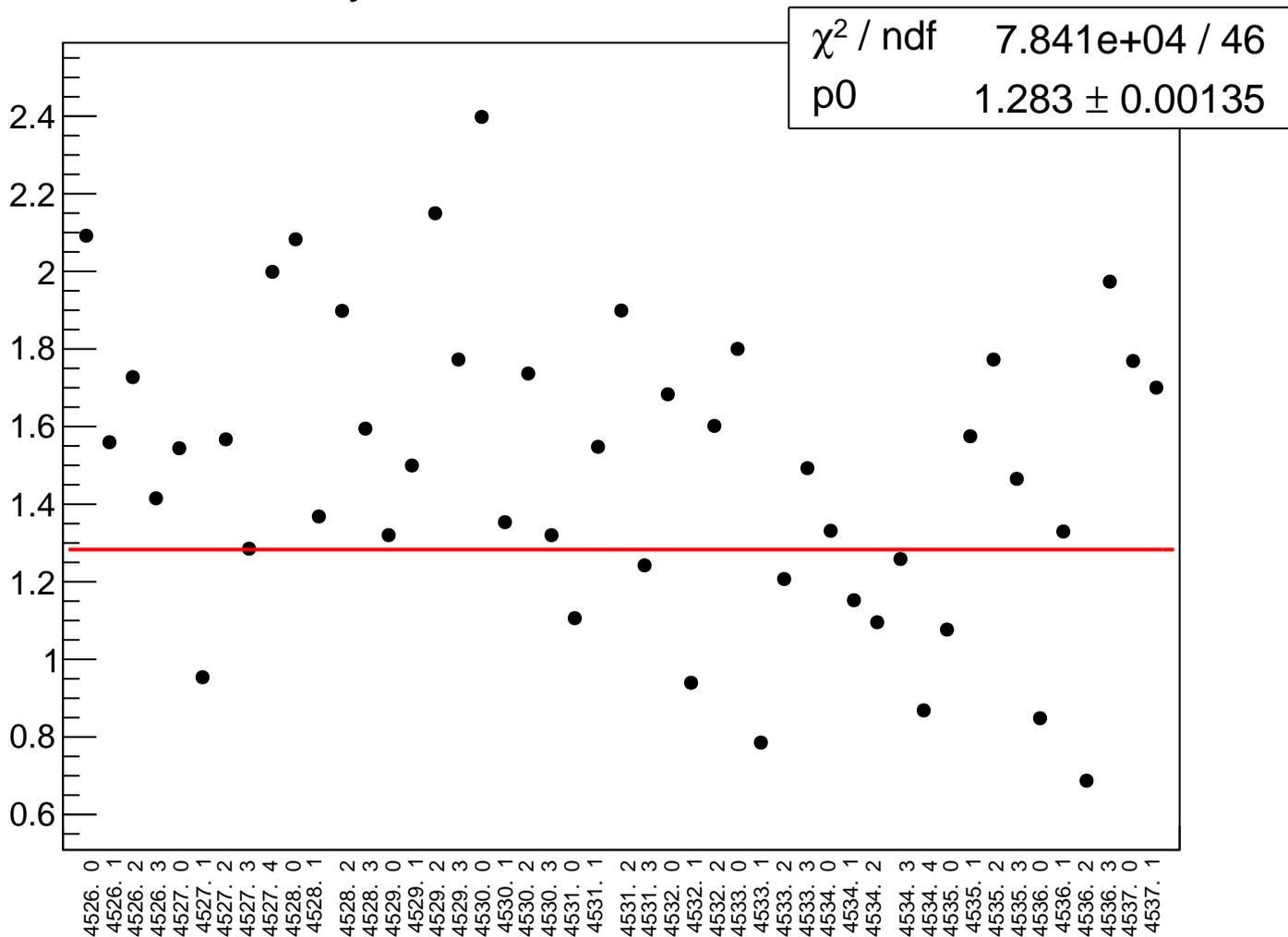
# yield\_cav4bX\_rms vs run



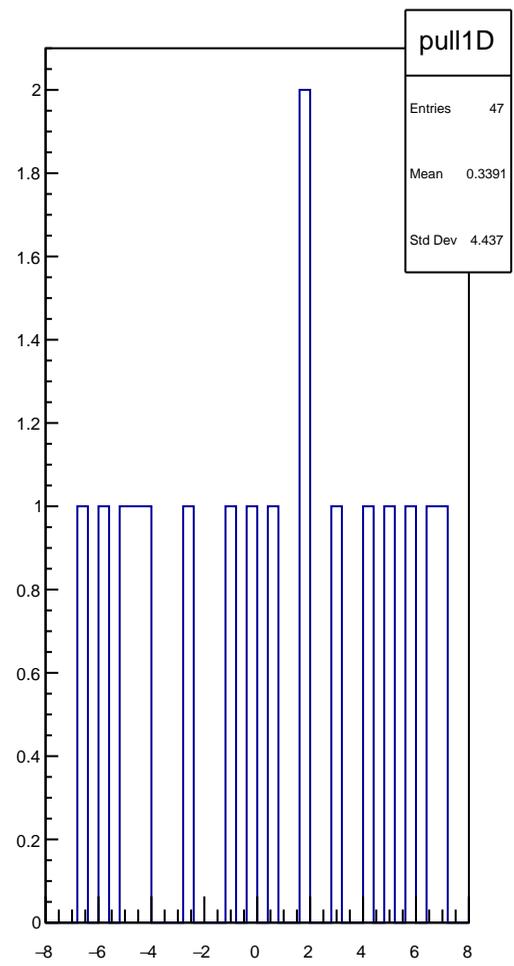
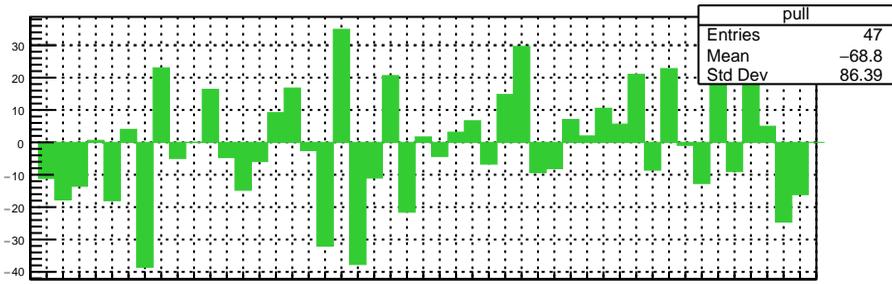
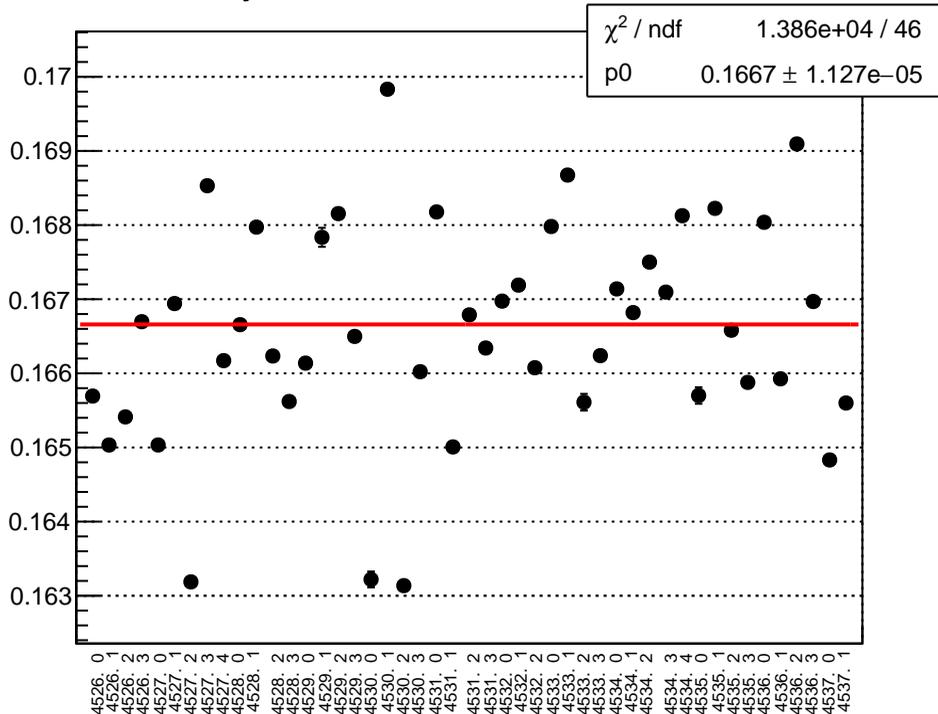
# yield\_cav4bY\_mean vs run



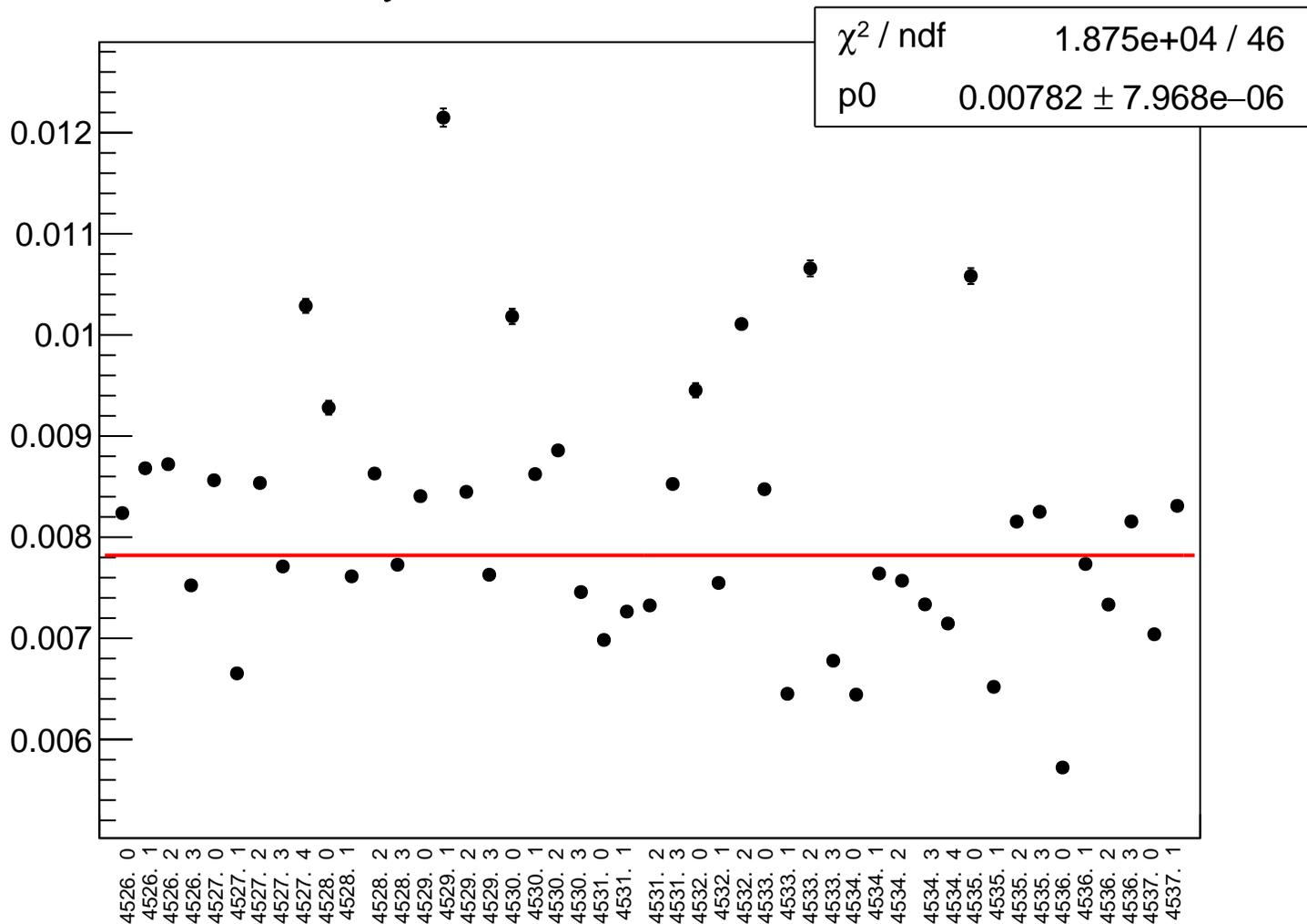
# yield\_cav4bY\_rms vs run



# yield\_cav4cX\_mean vs run

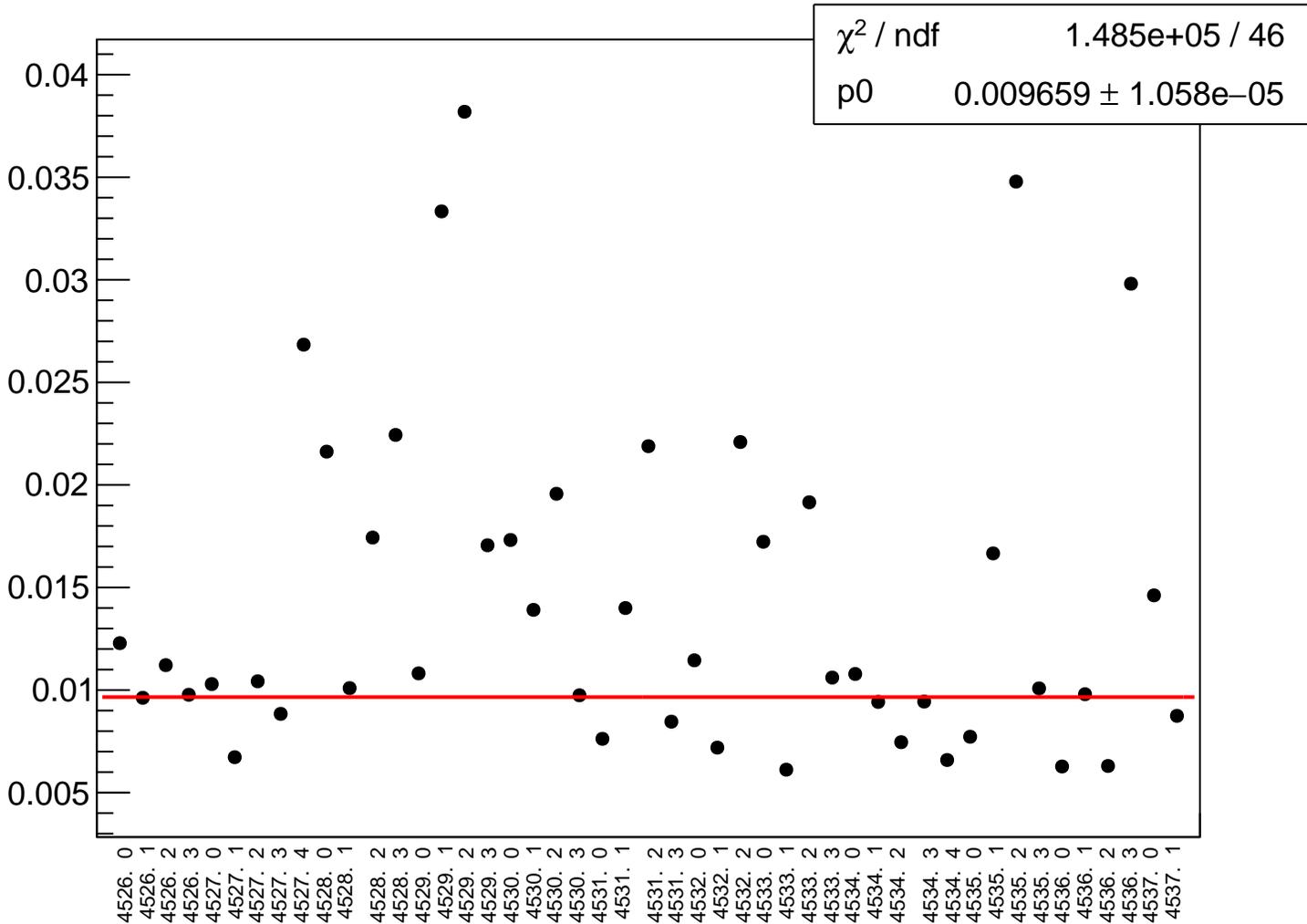


# yield\_cav4cX\_rms vs run

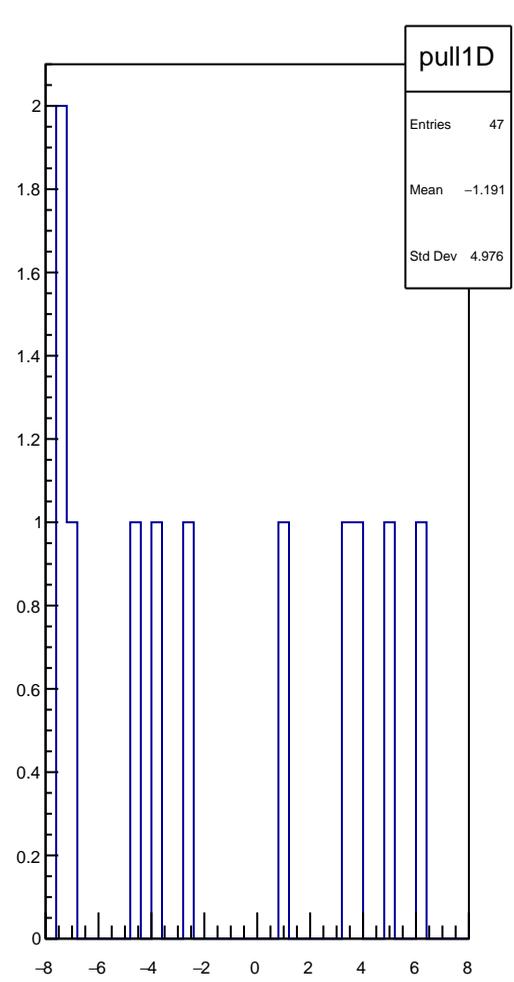
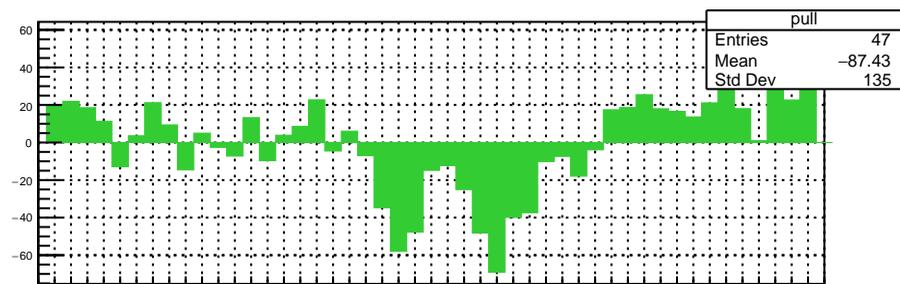
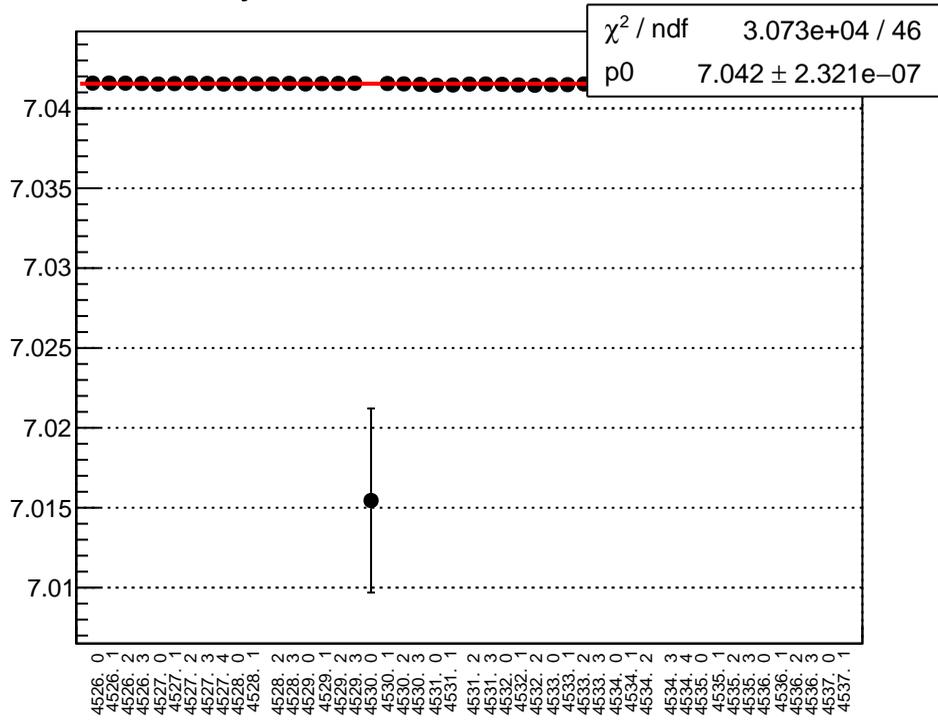




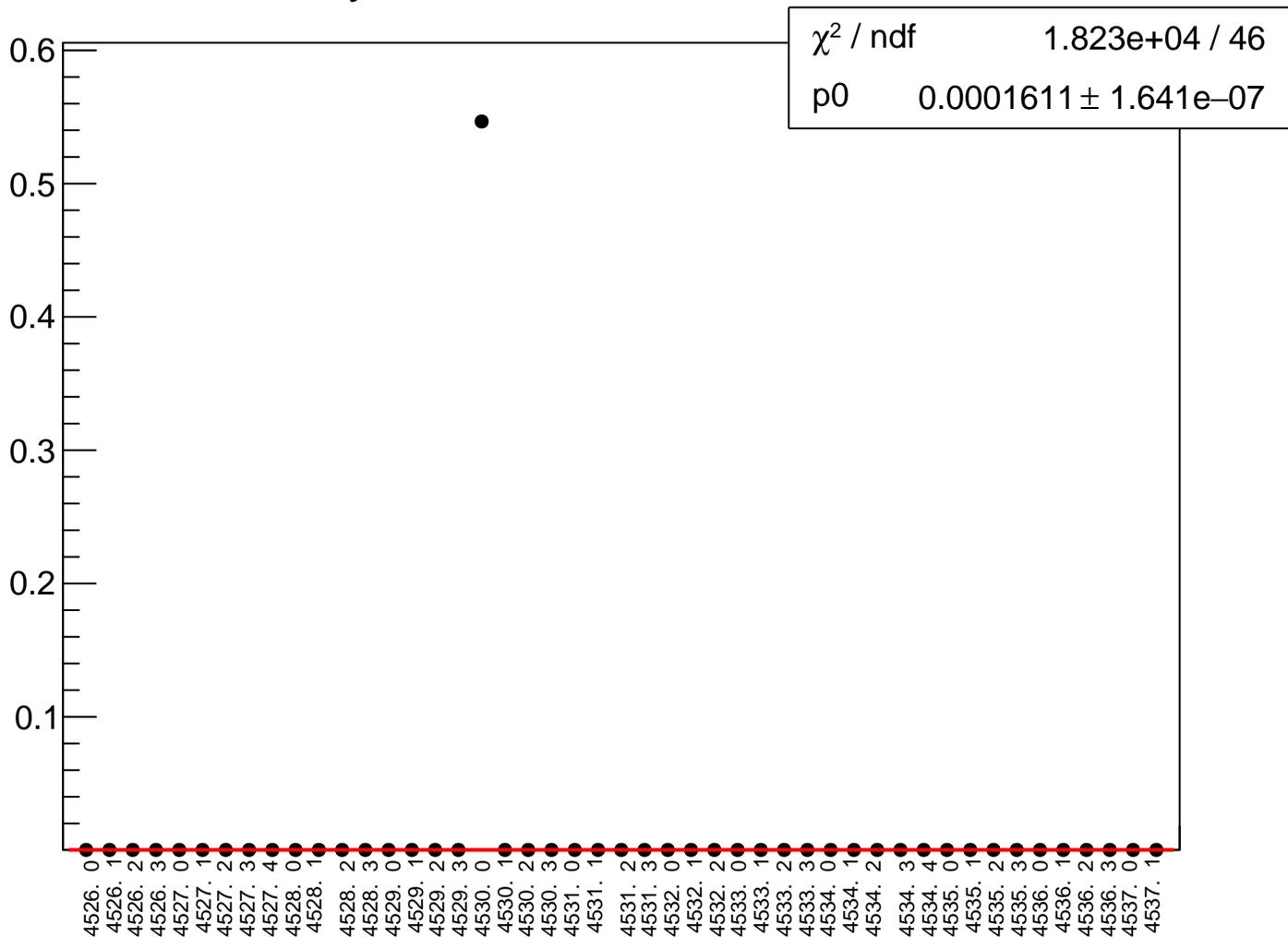
# yield\_cav4cY\_rms vs run



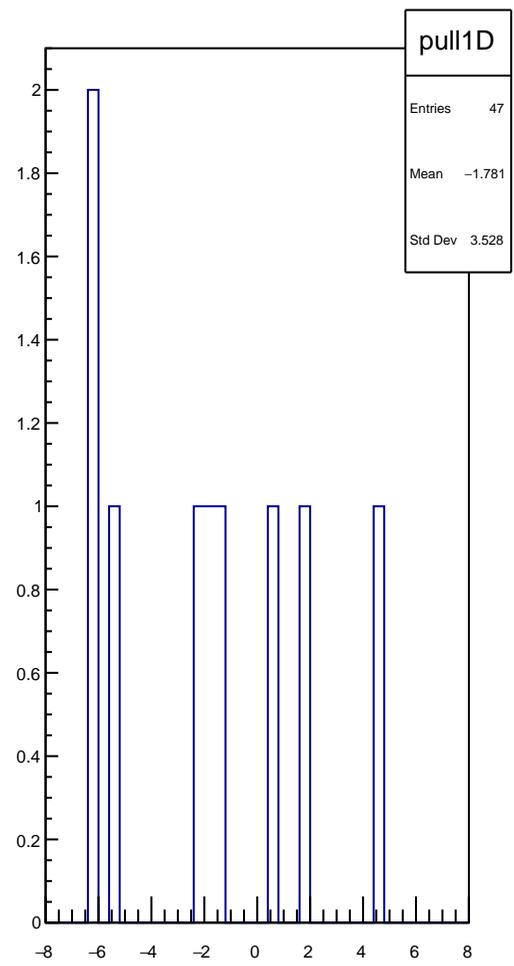
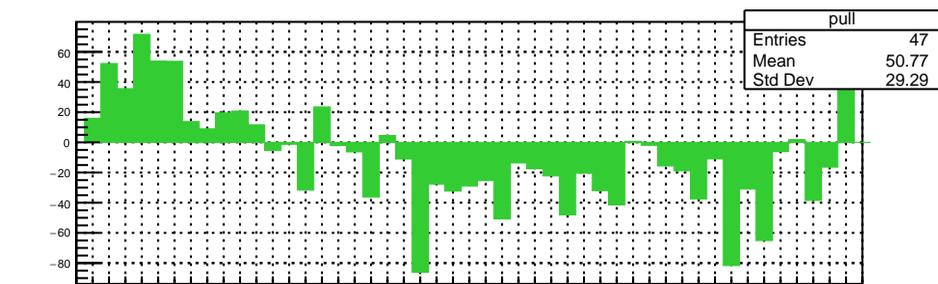
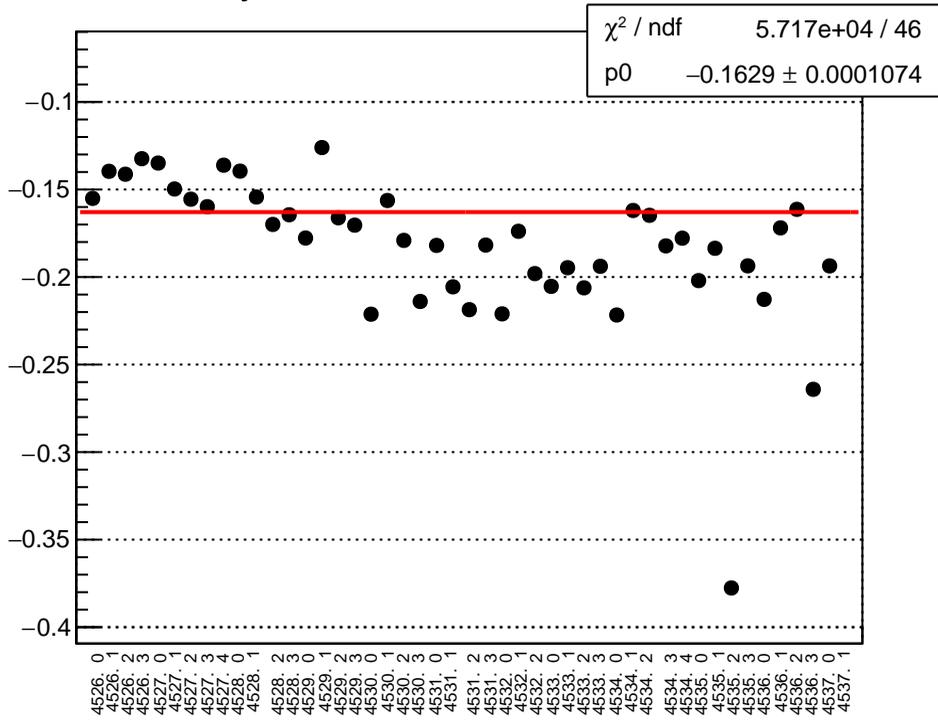
# yield\_cav4dX\_mean vs run



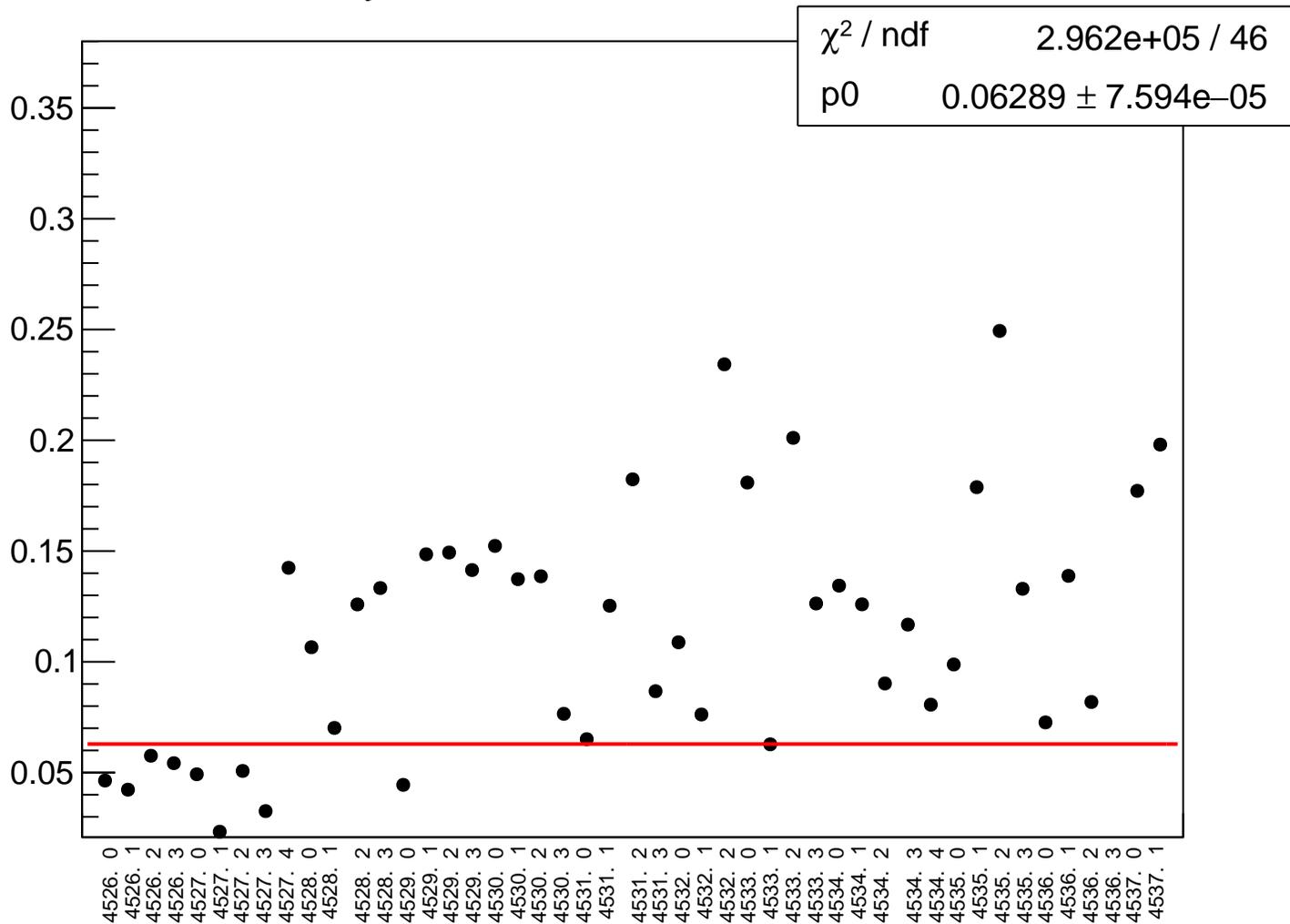
# yield\_cav4dX\_rms vs run



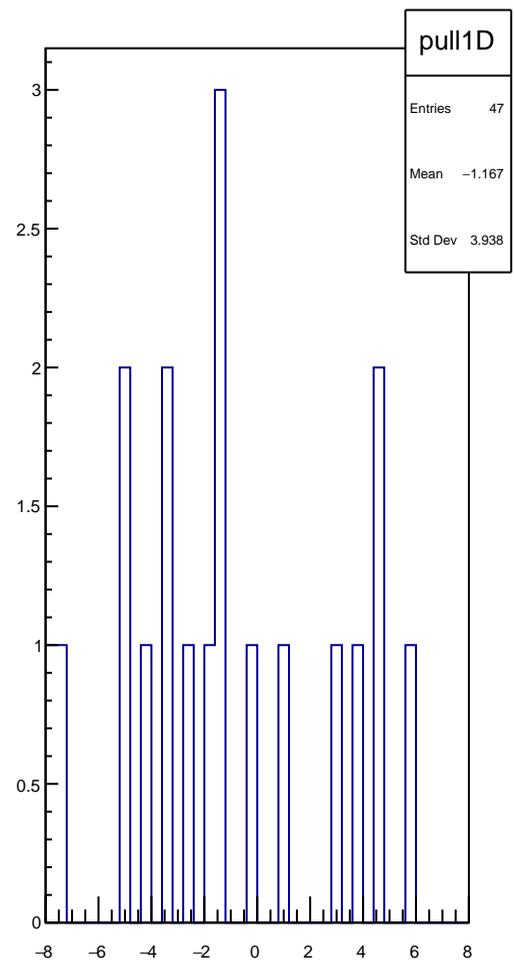
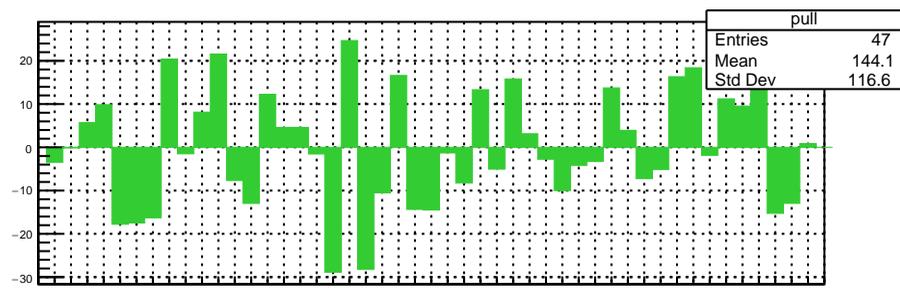
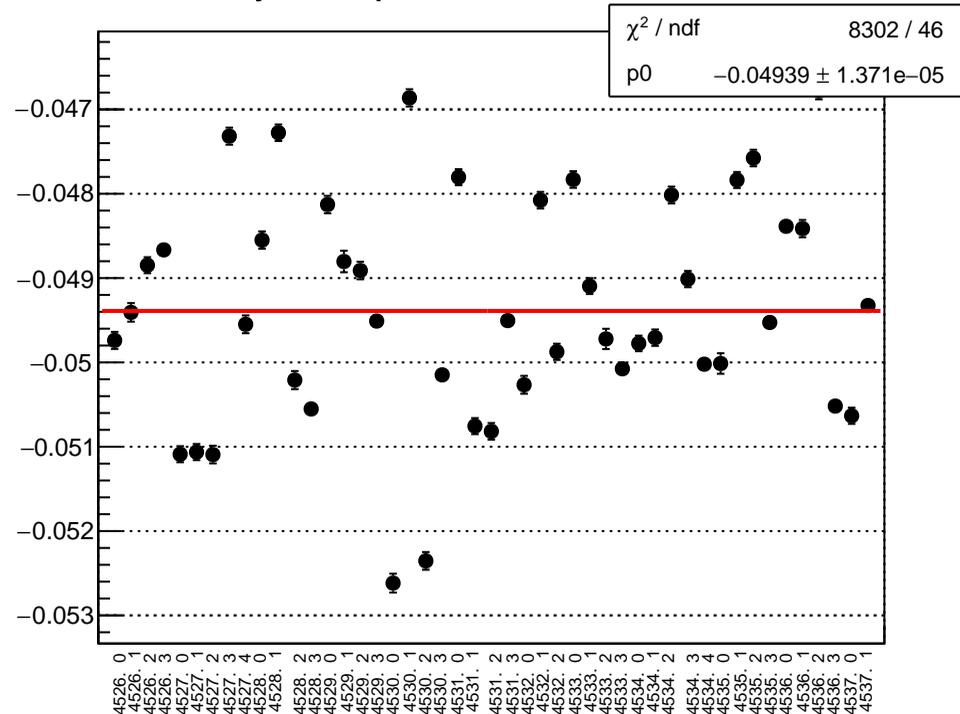
# yield\_cav4dY\_mean vs run



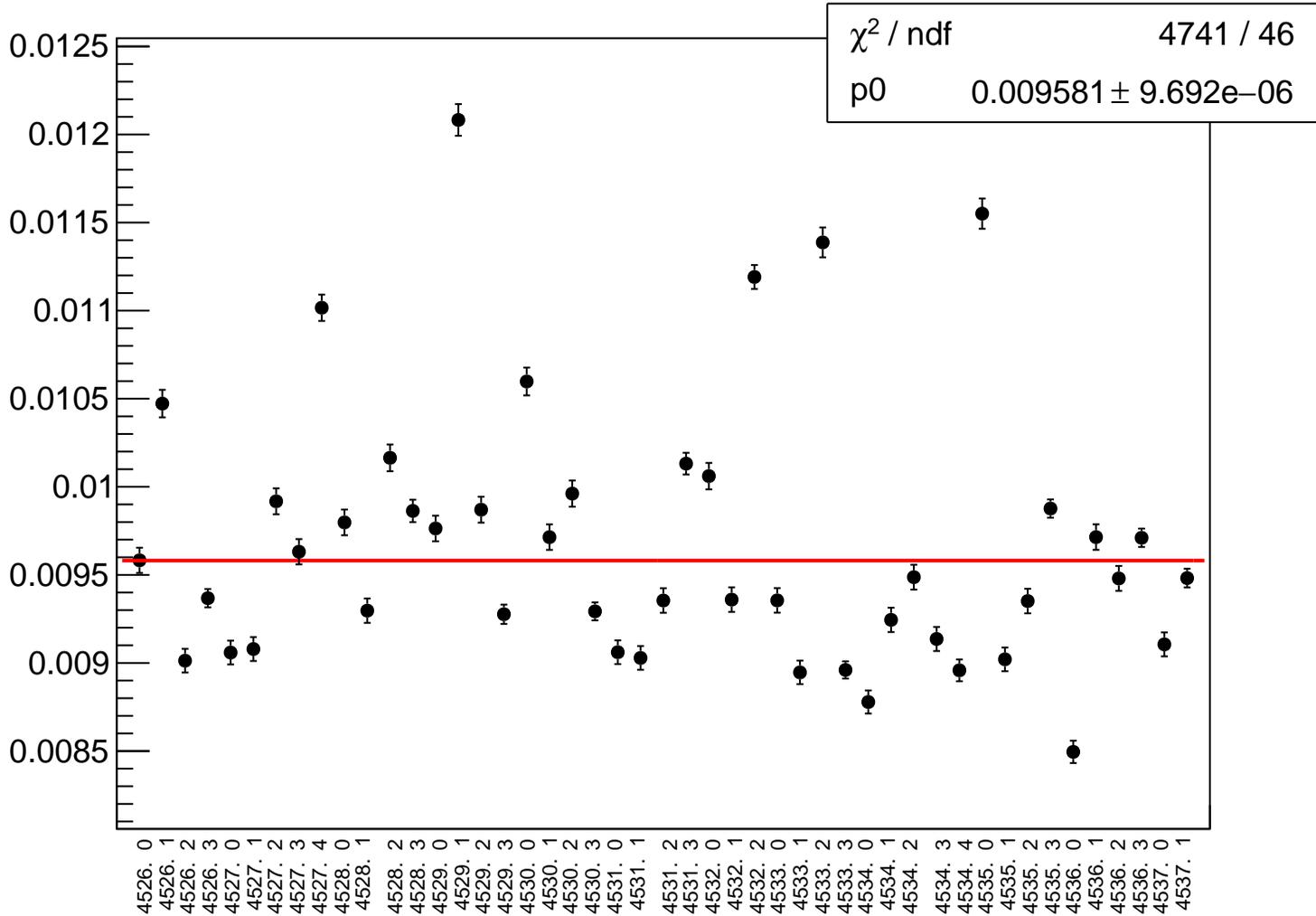
# yield\_cav4dY\_rms vs run



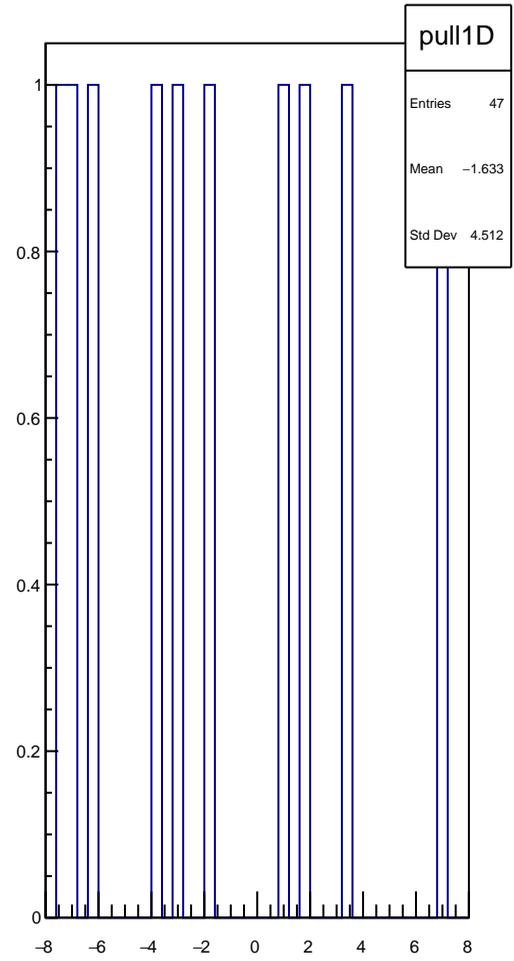
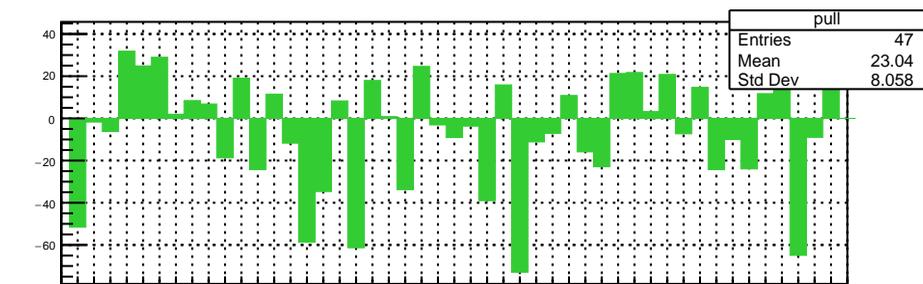
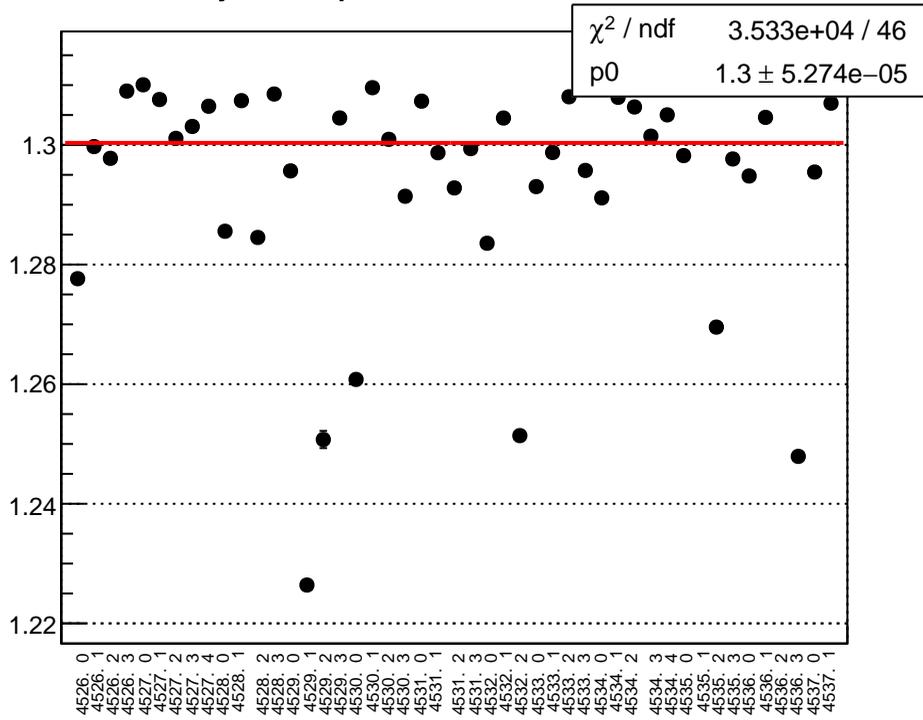
# yield\_bpm4aX\_mean vs run



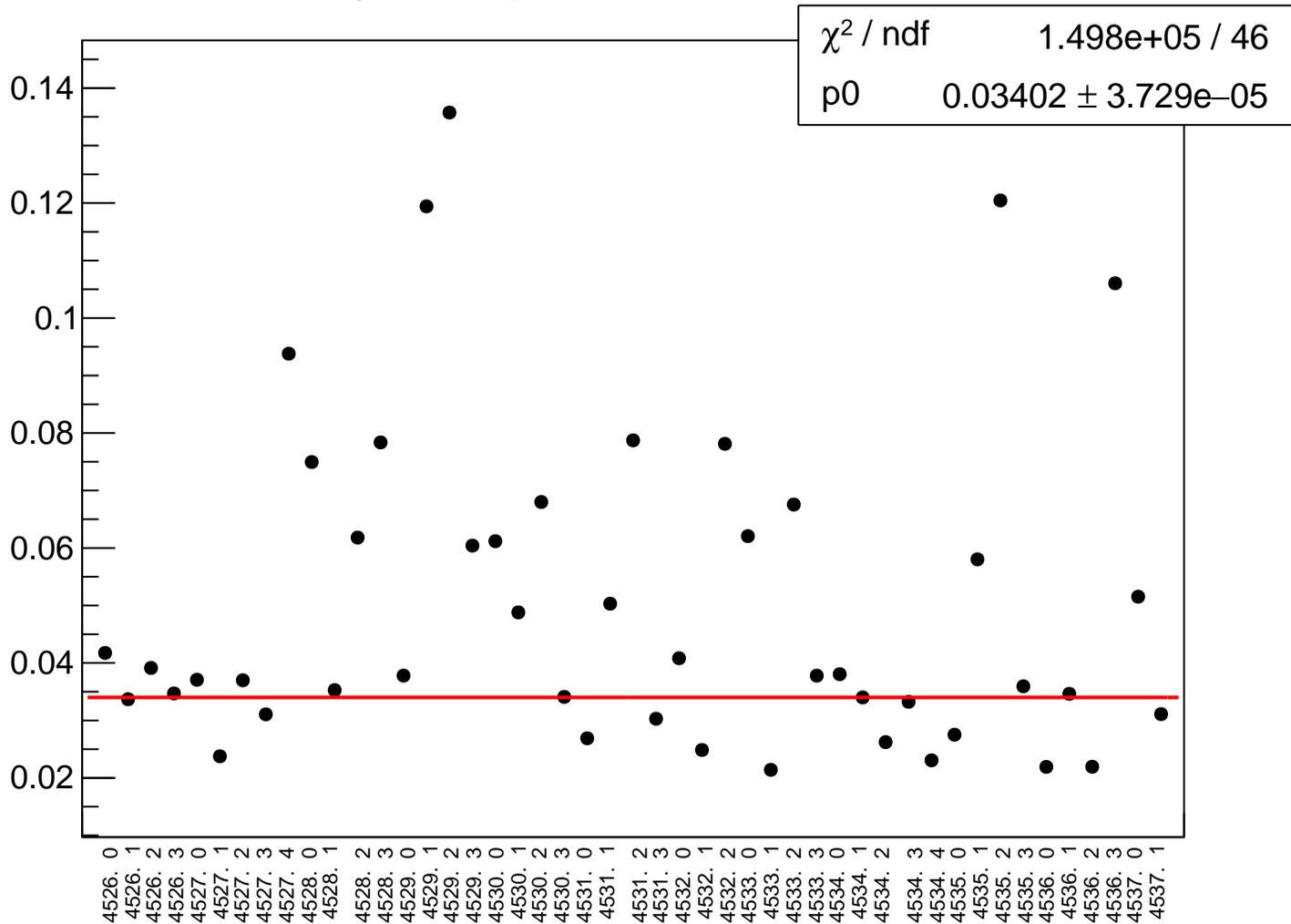
# yield\_bpm4aX\_rms vs run



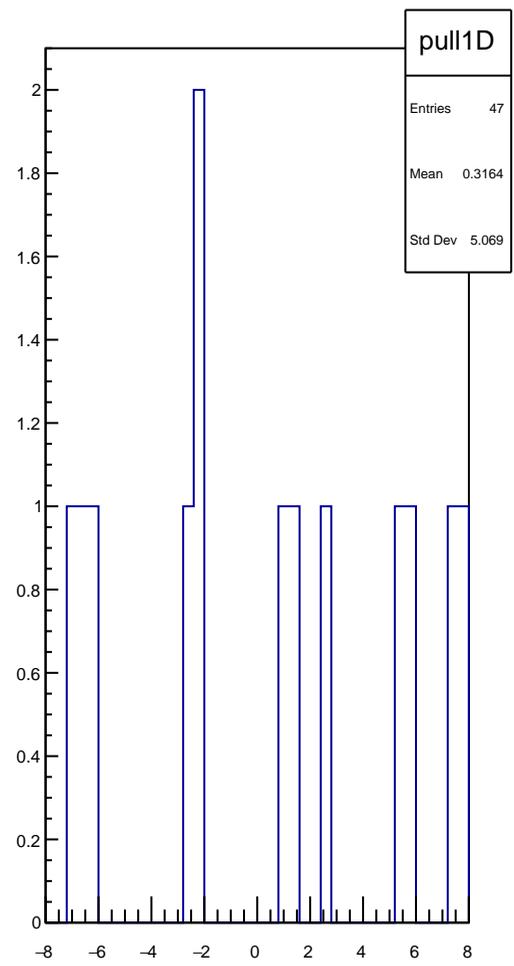
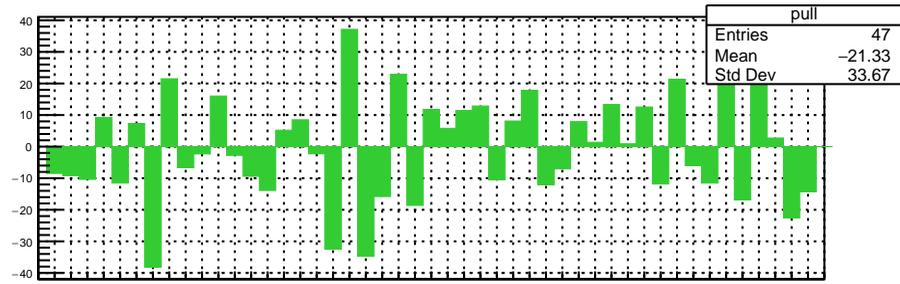
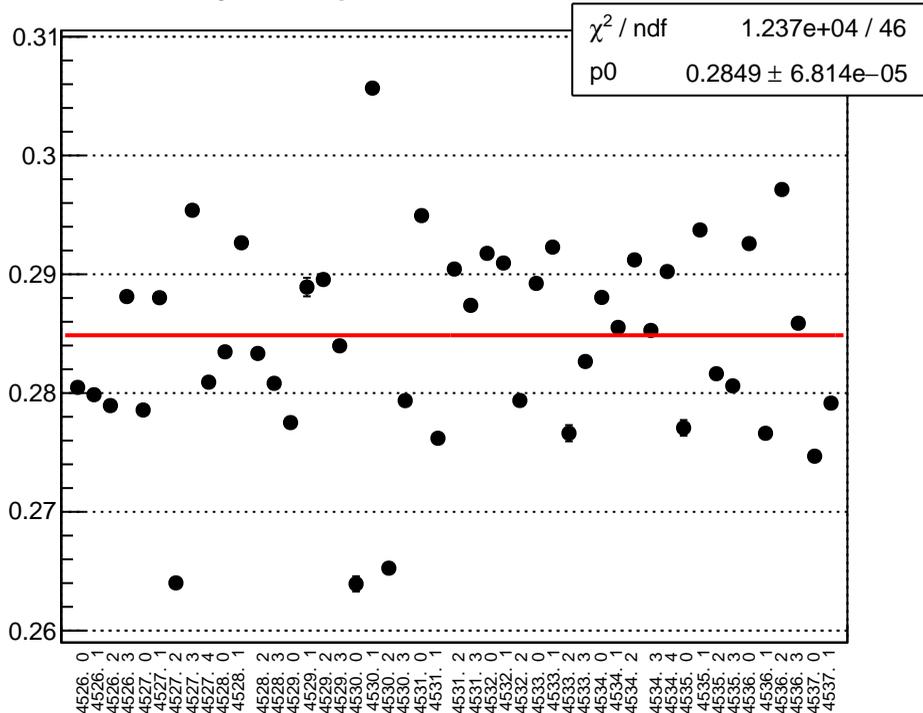
# yield\_bpm4aY\_mean vs run



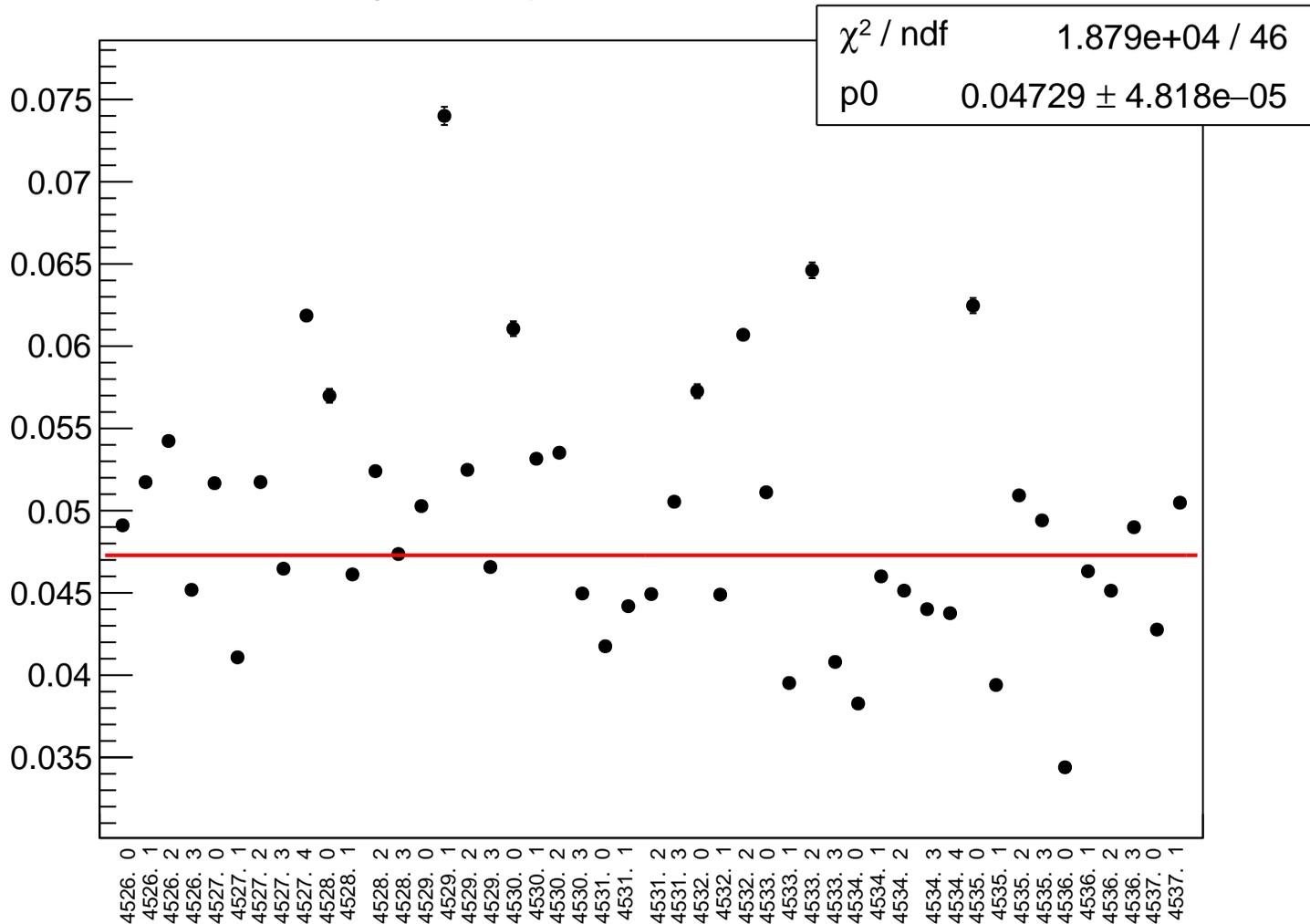
# yield\_bpm4aY\_rms vs run



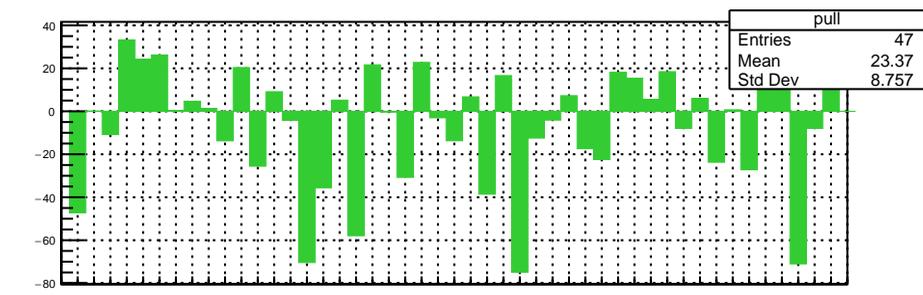
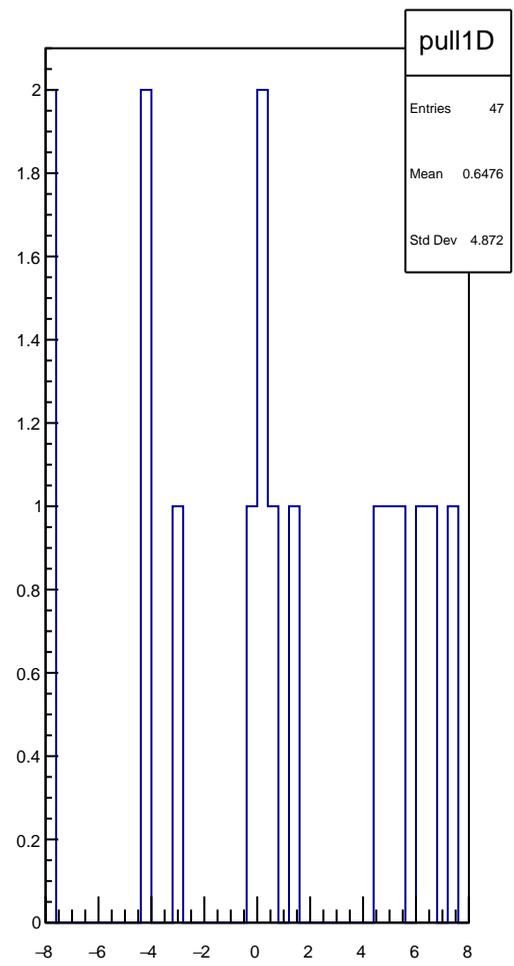
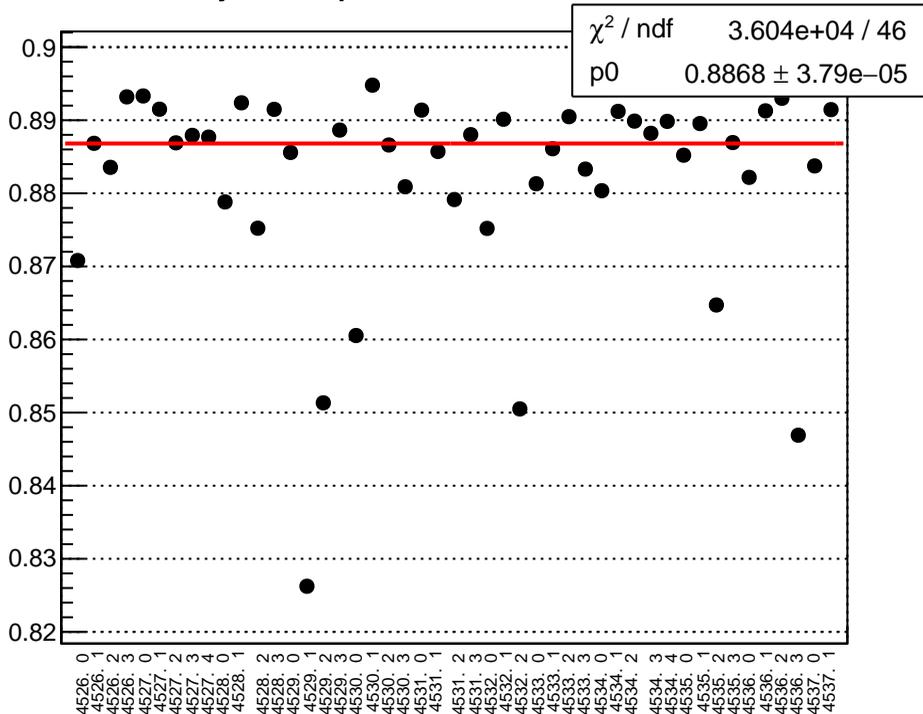
# yield\_bpm4eX\_mean vs run



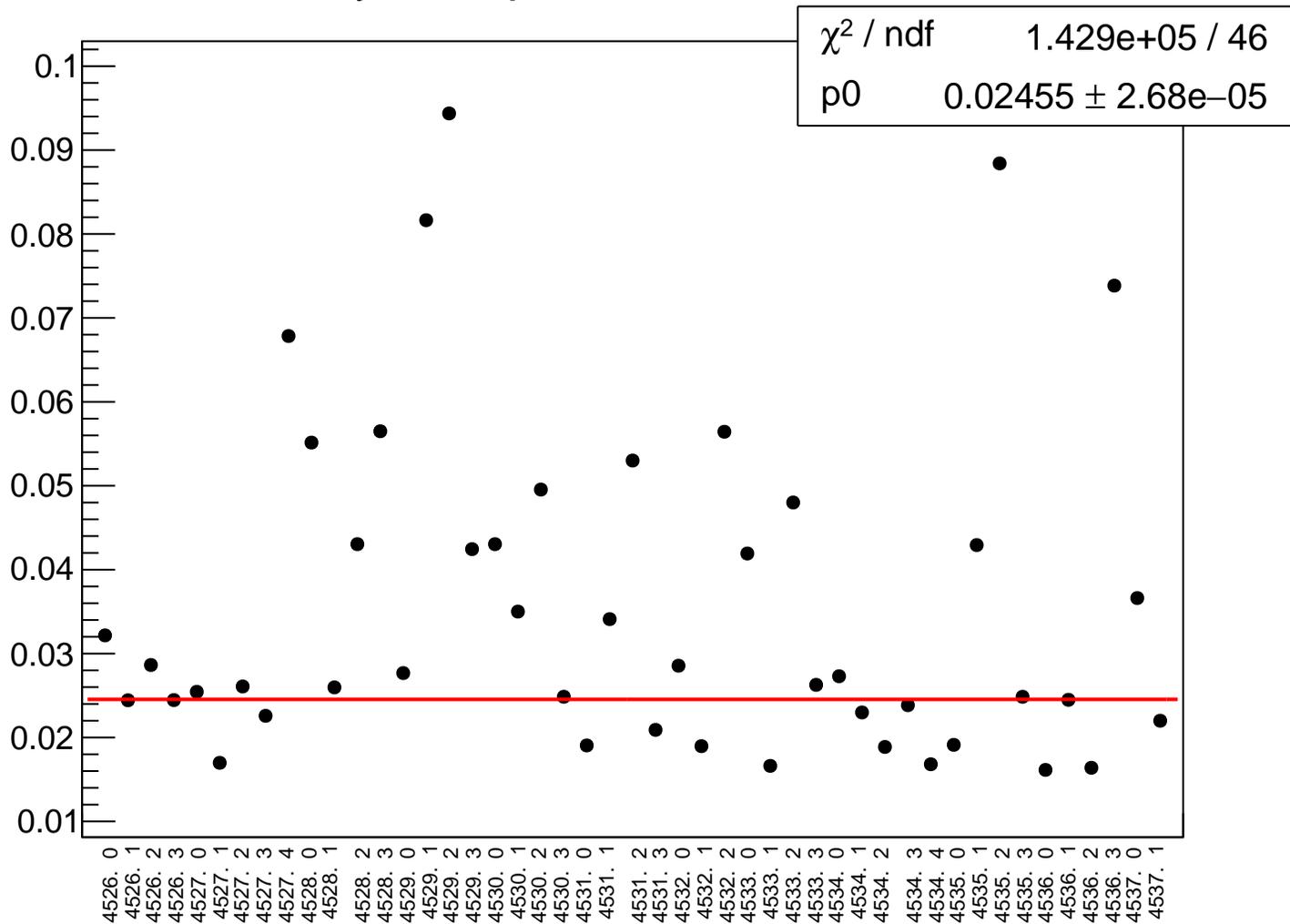
# yield\_bpm4eX\_rms vs run



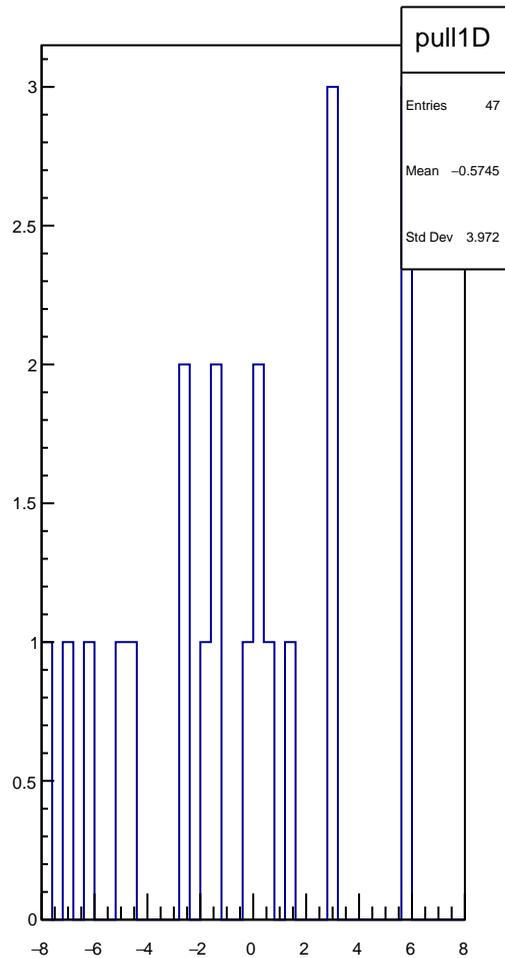
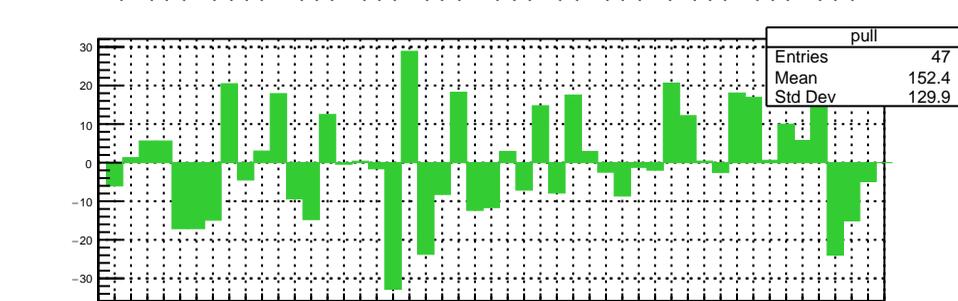
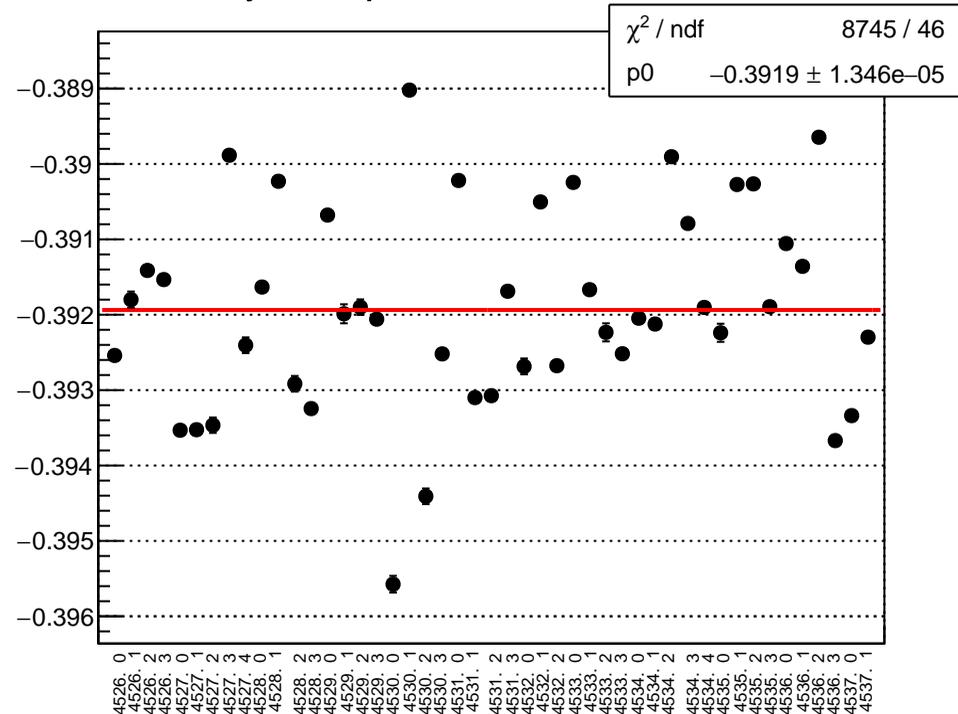
# yield\_bpm4eY\_mean vs run



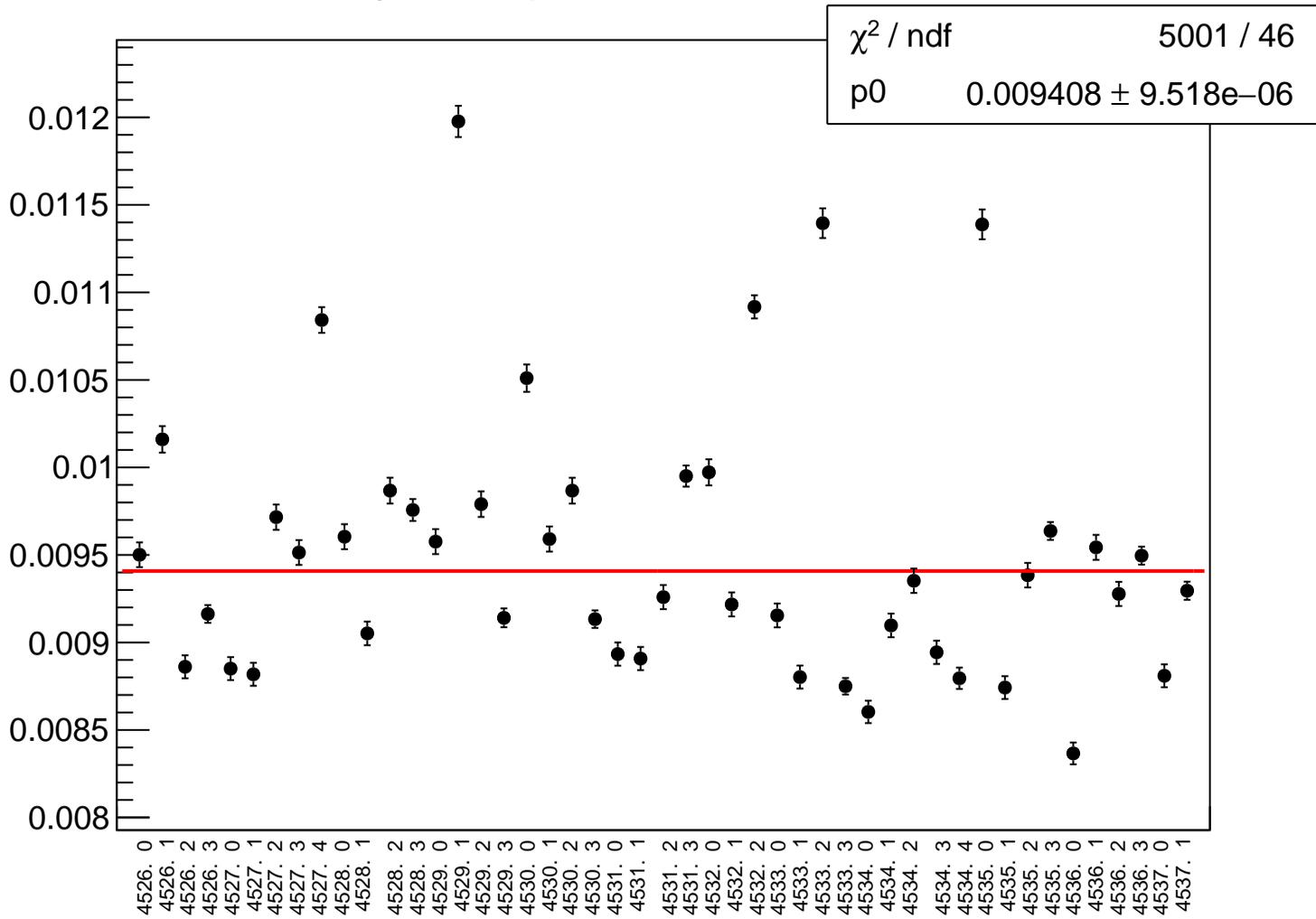
# yield\_bpm4eY\_rms vs run



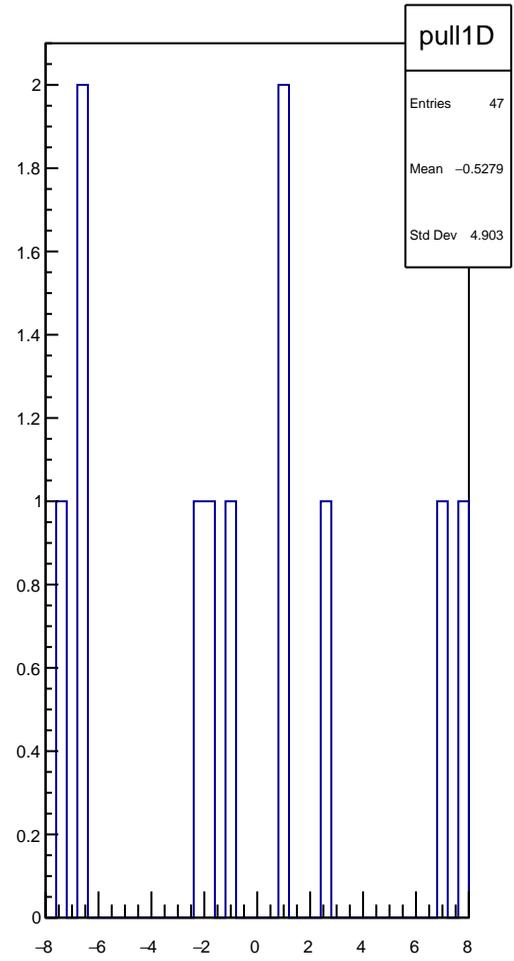
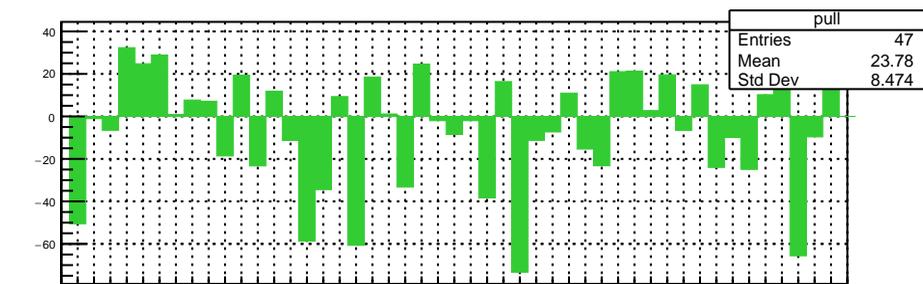
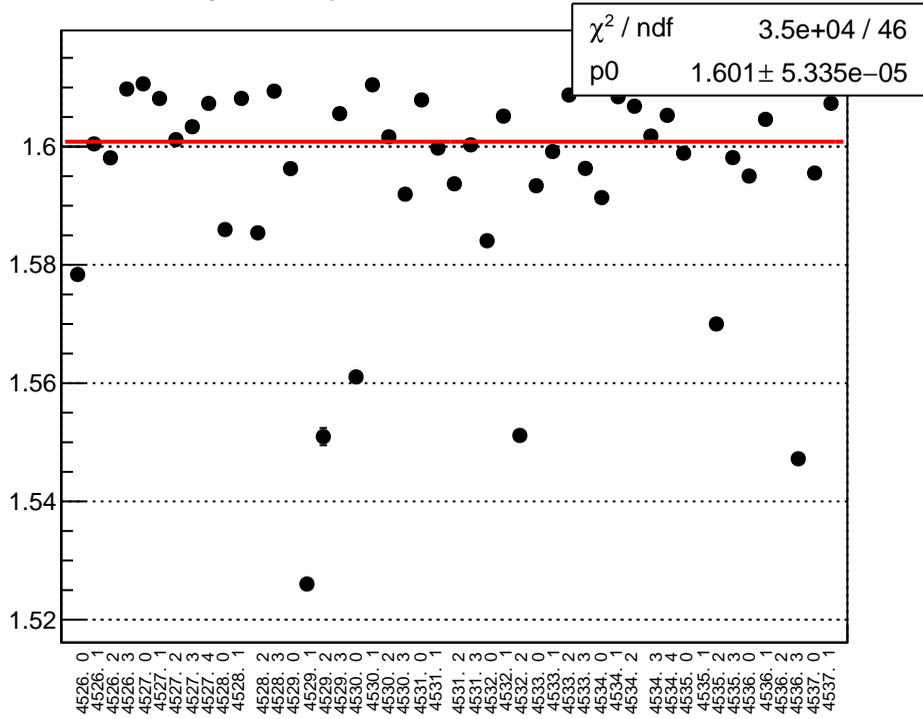
# yield\_bpm4acX\_mean vs run



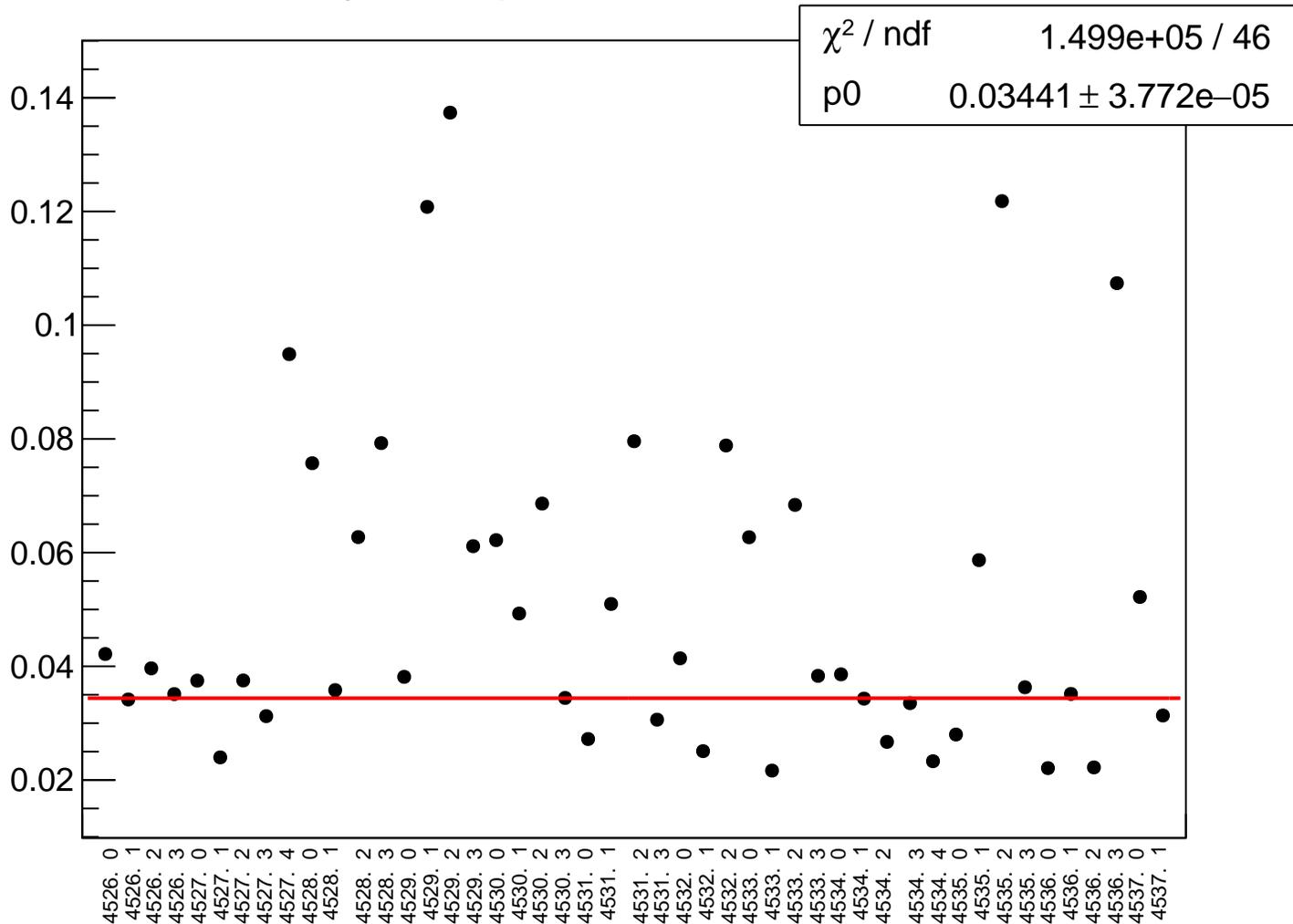
# yield\_bpm4acX\_rms vs run



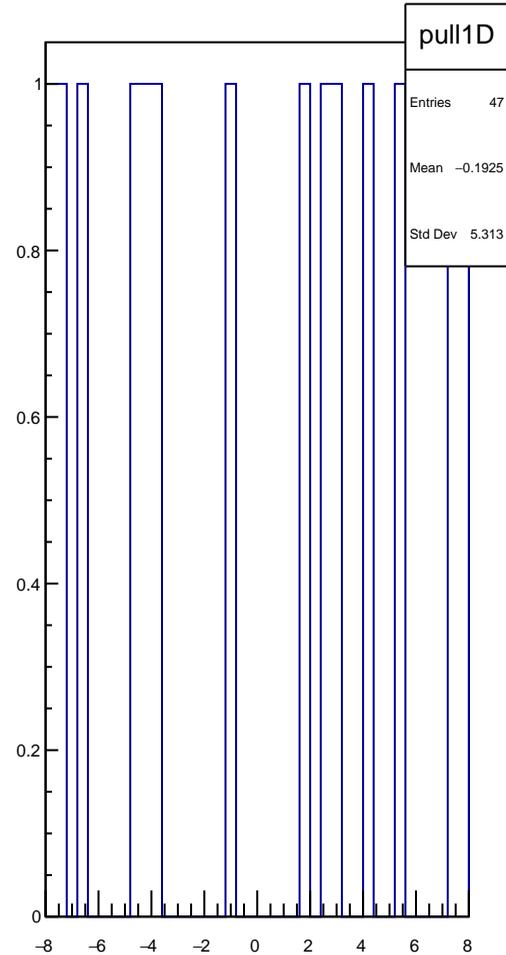
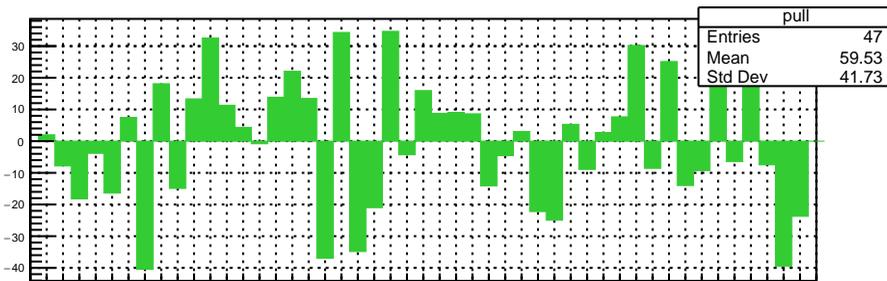
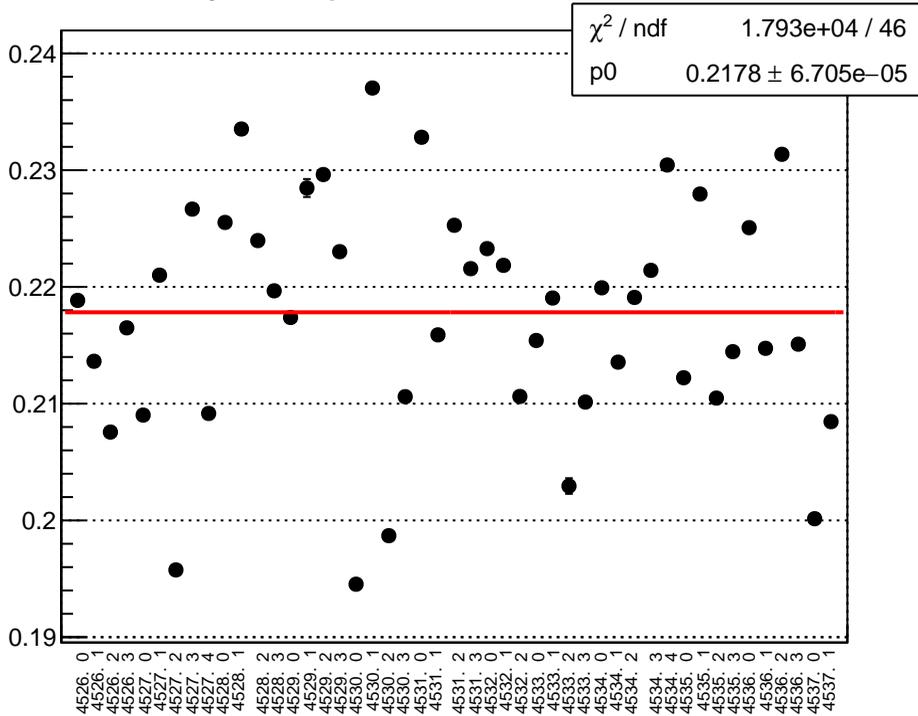
# yield\_bpm4acY\_mean vs run



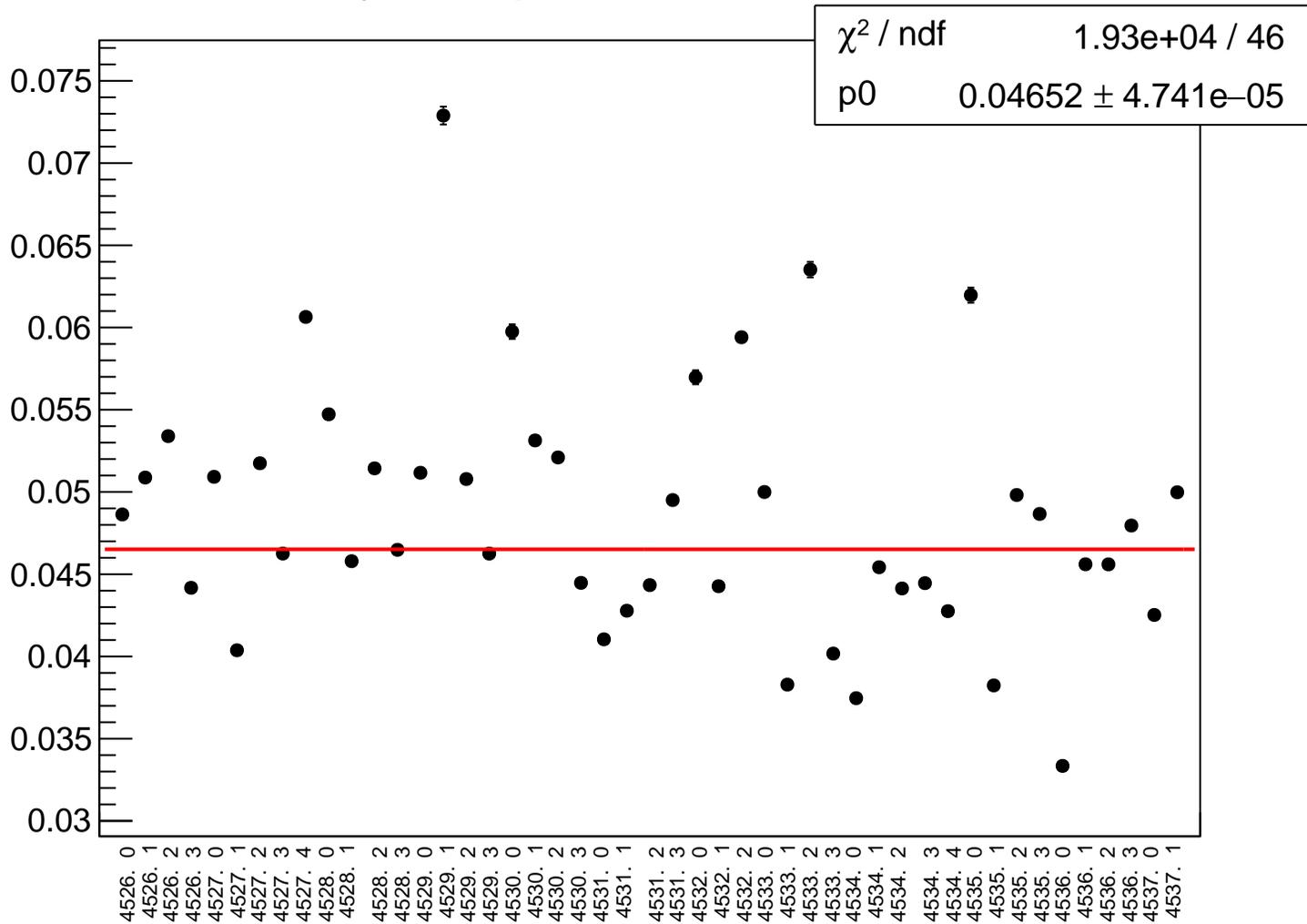
# yield\_bpm4acY\_rms vs run



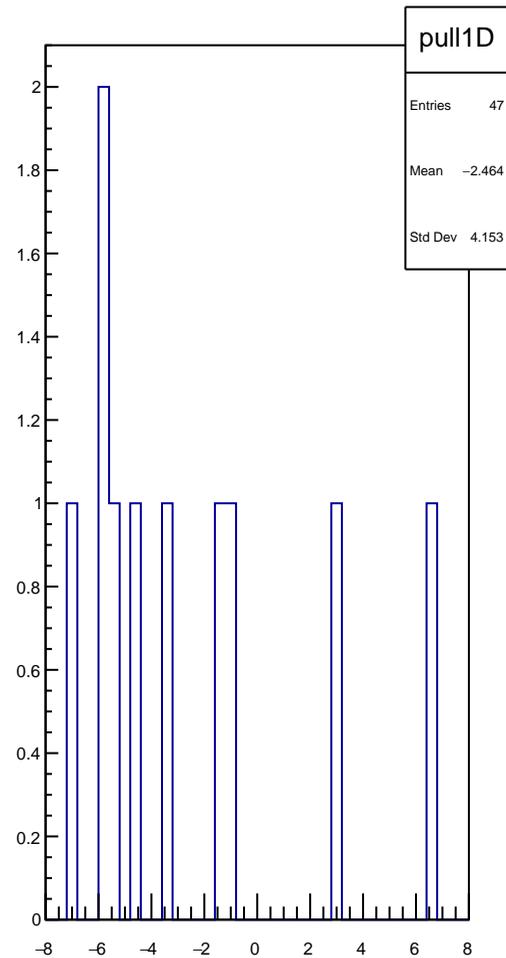
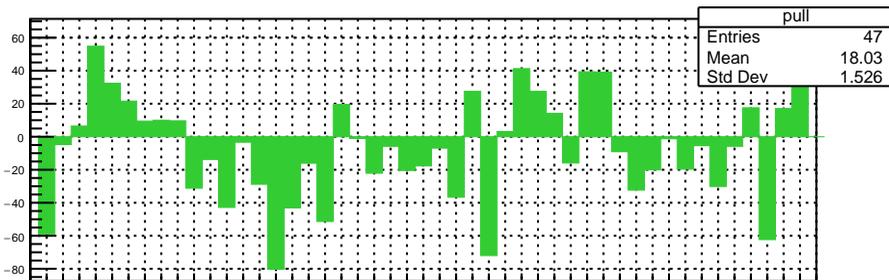
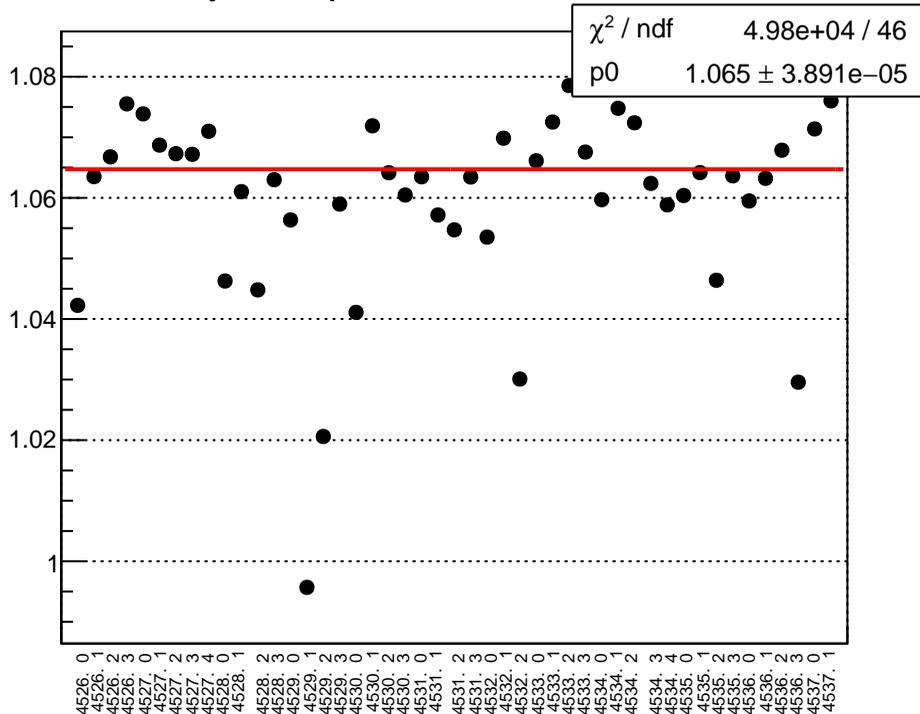
# yield\_bpm4ecX\_mean vs run



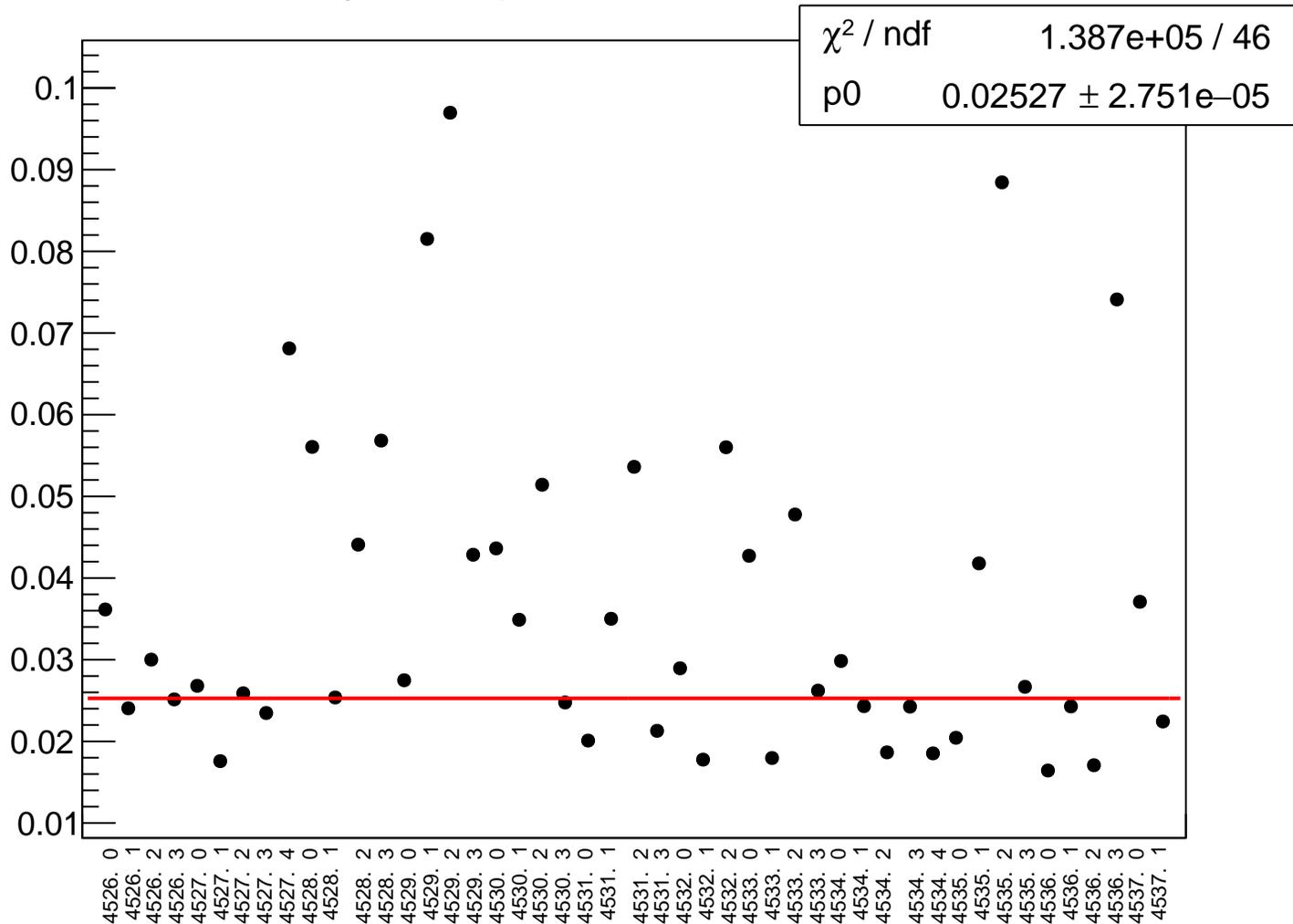
# yield\_bpm4ecX\_rms vs run



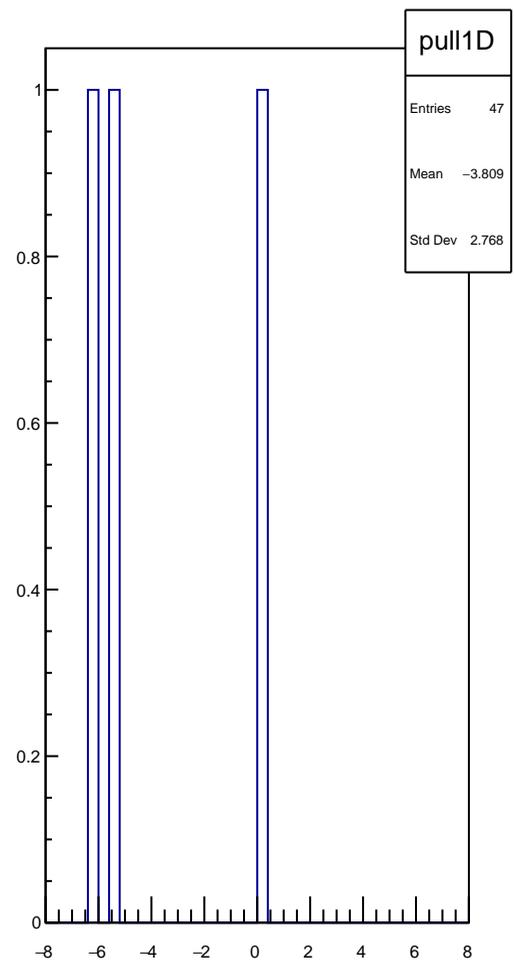
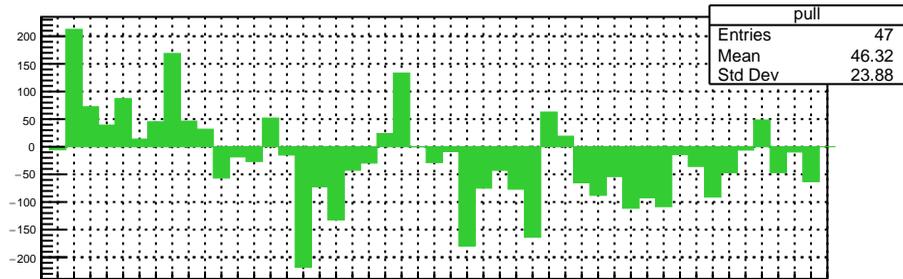
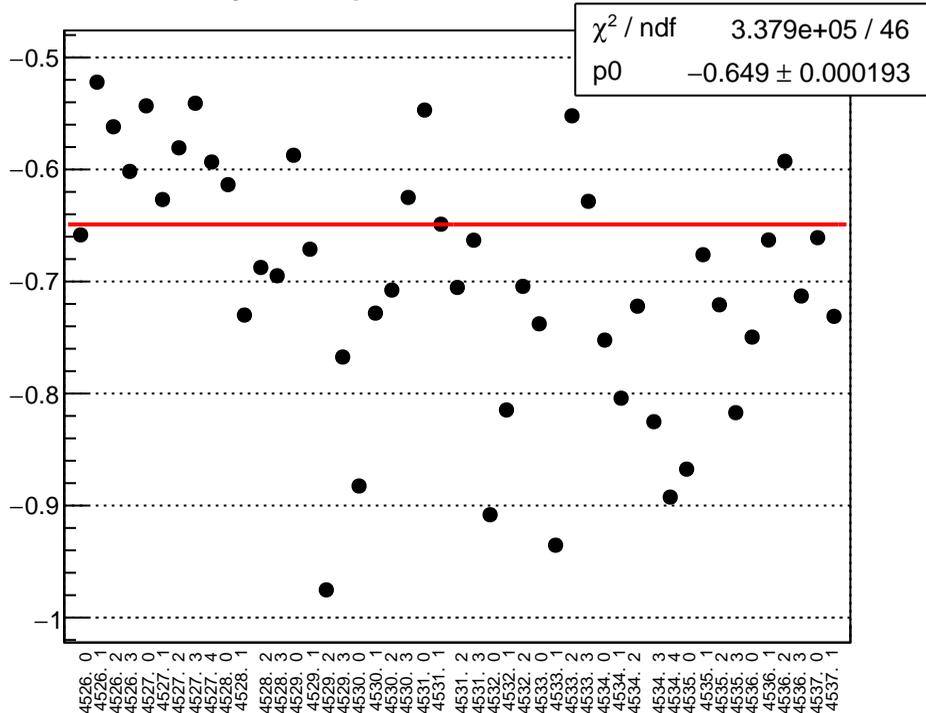
# yield\_bpm4ecY\_mean vs run



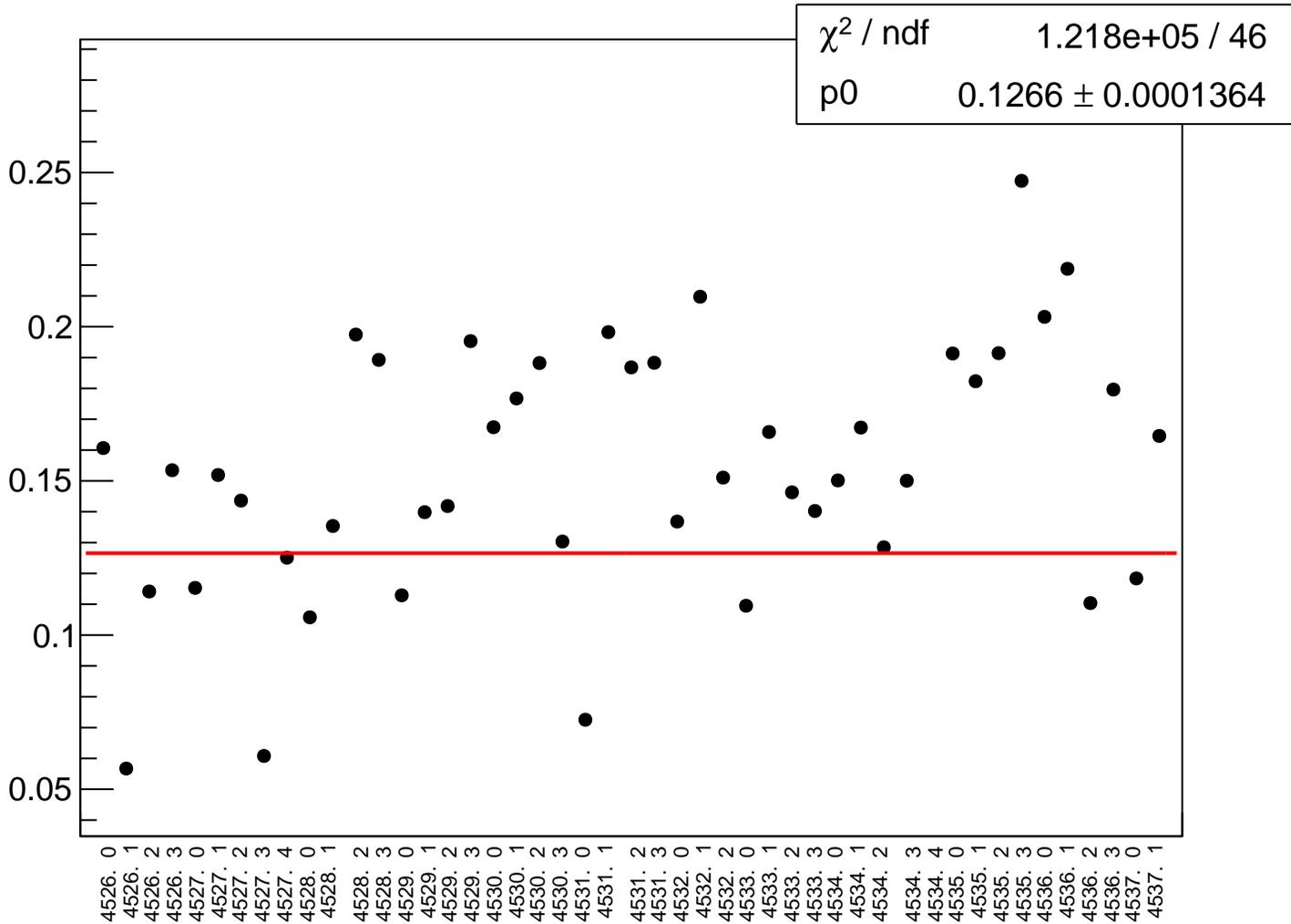
# yield\_bpm4ecY\_rms vs run



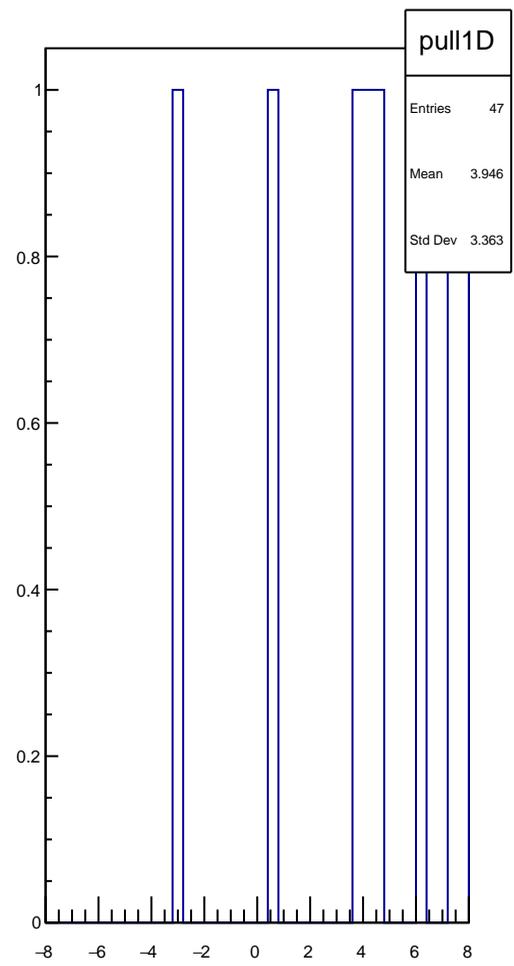
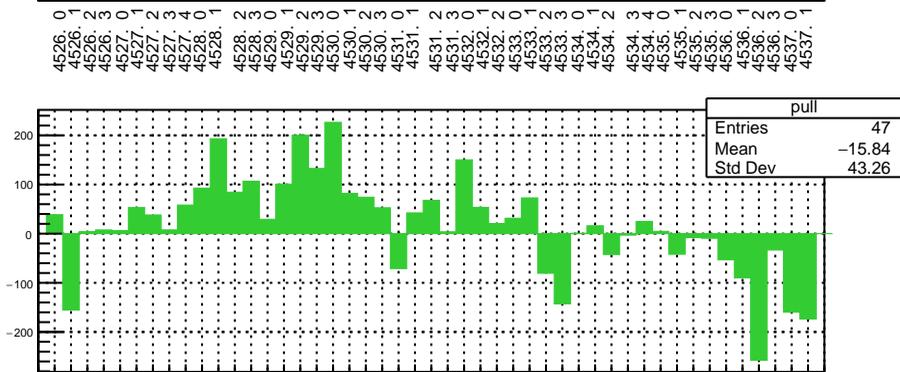
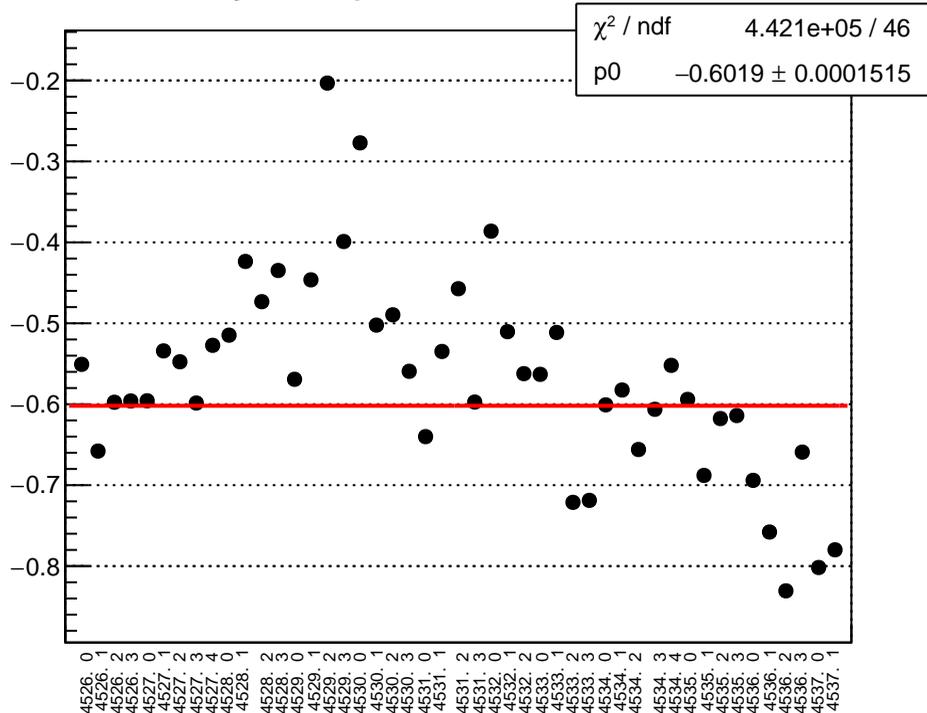
# yield\_bpm1X\_mean vs run



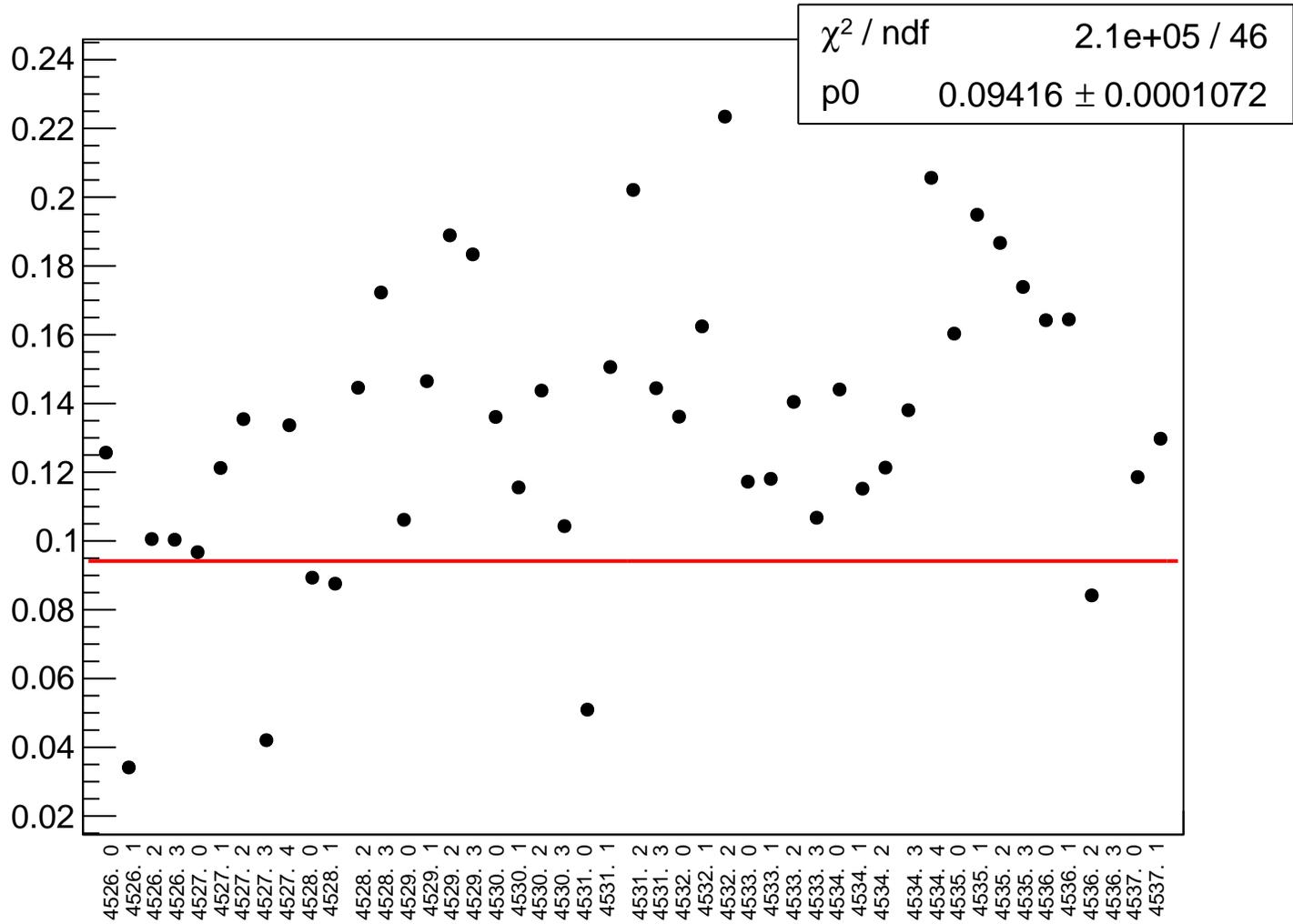
# yield\_bpm1X\_rms vs run



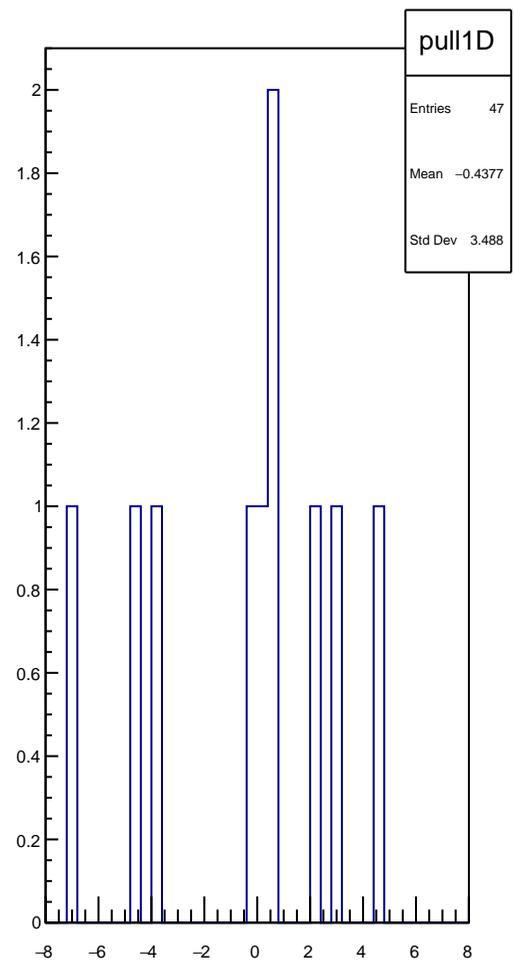
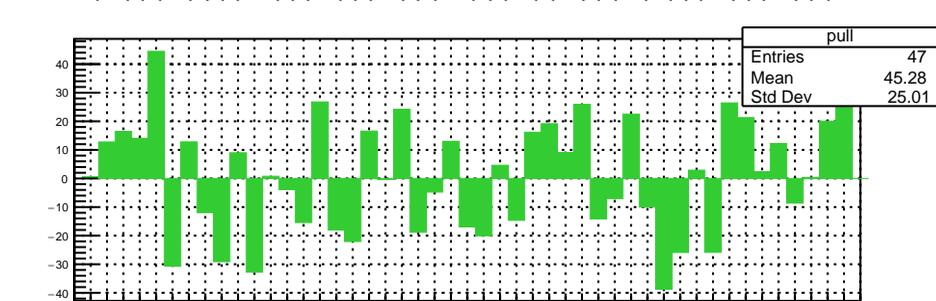
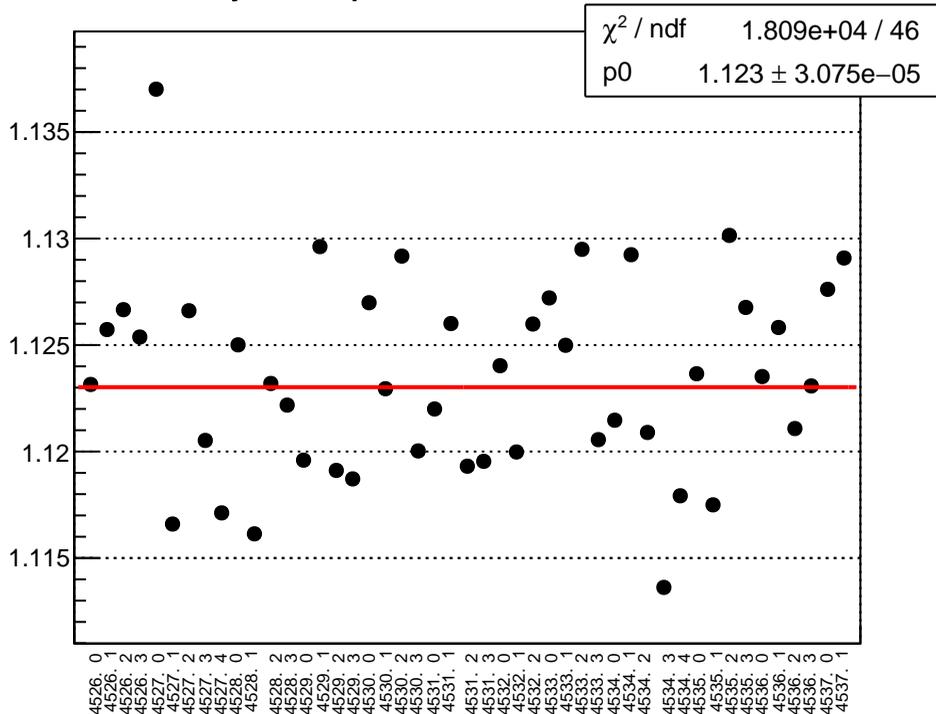
# yield\_bpm1Y\_mean vs run



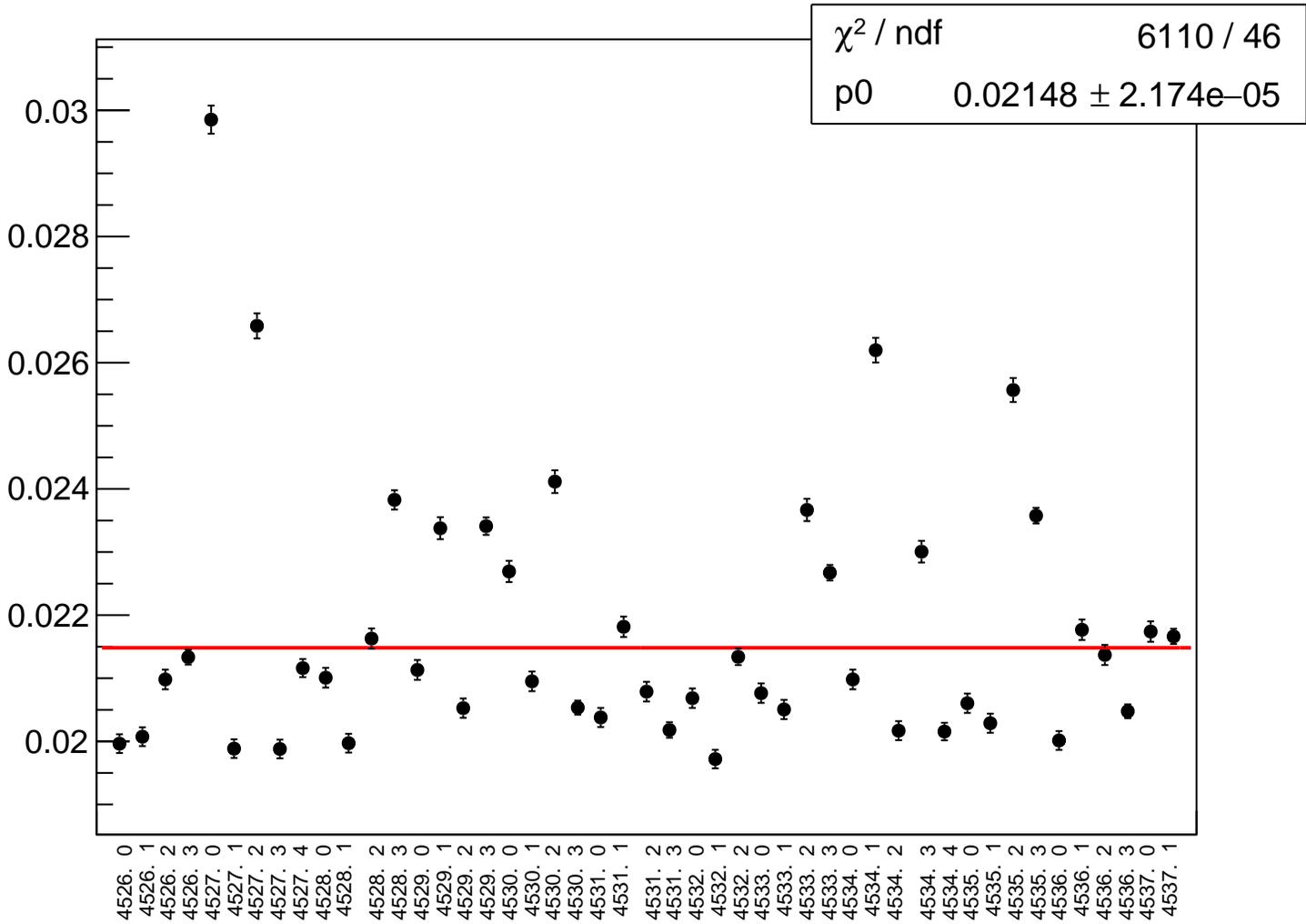
# yield\_bpm1Y\_rms vs run



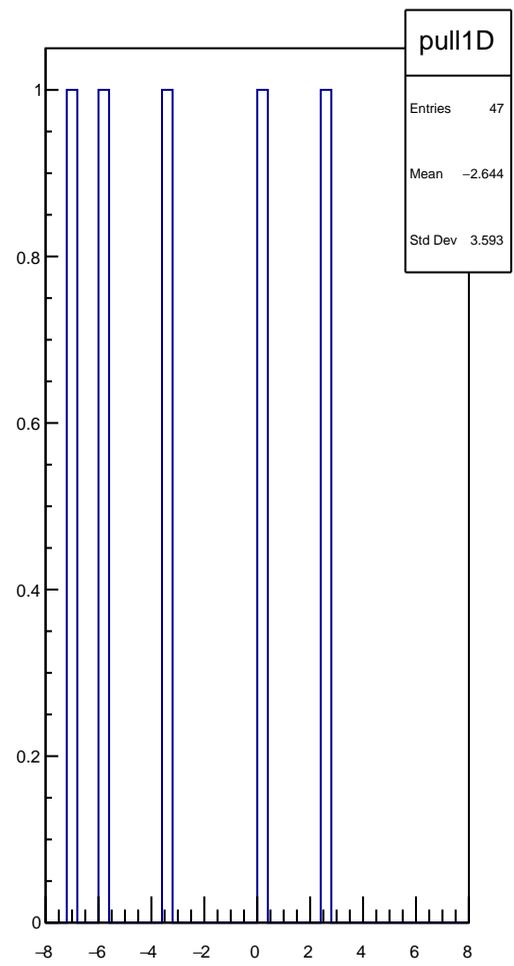
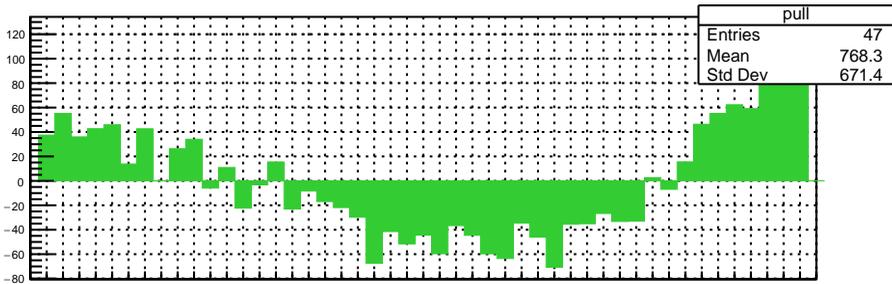
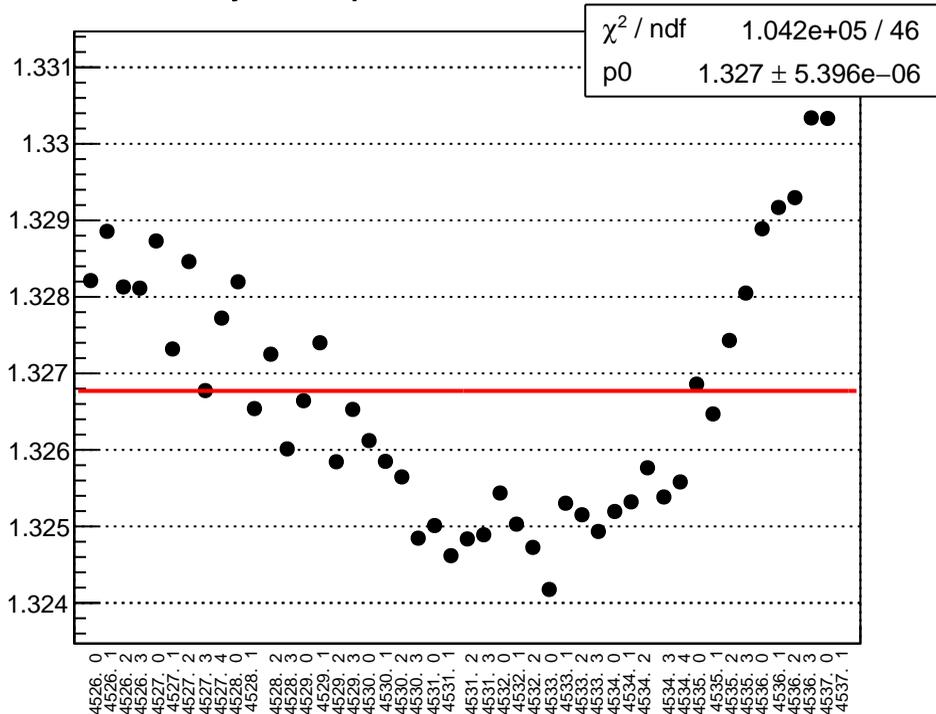
# yield\_bpm11X\_mean vs run



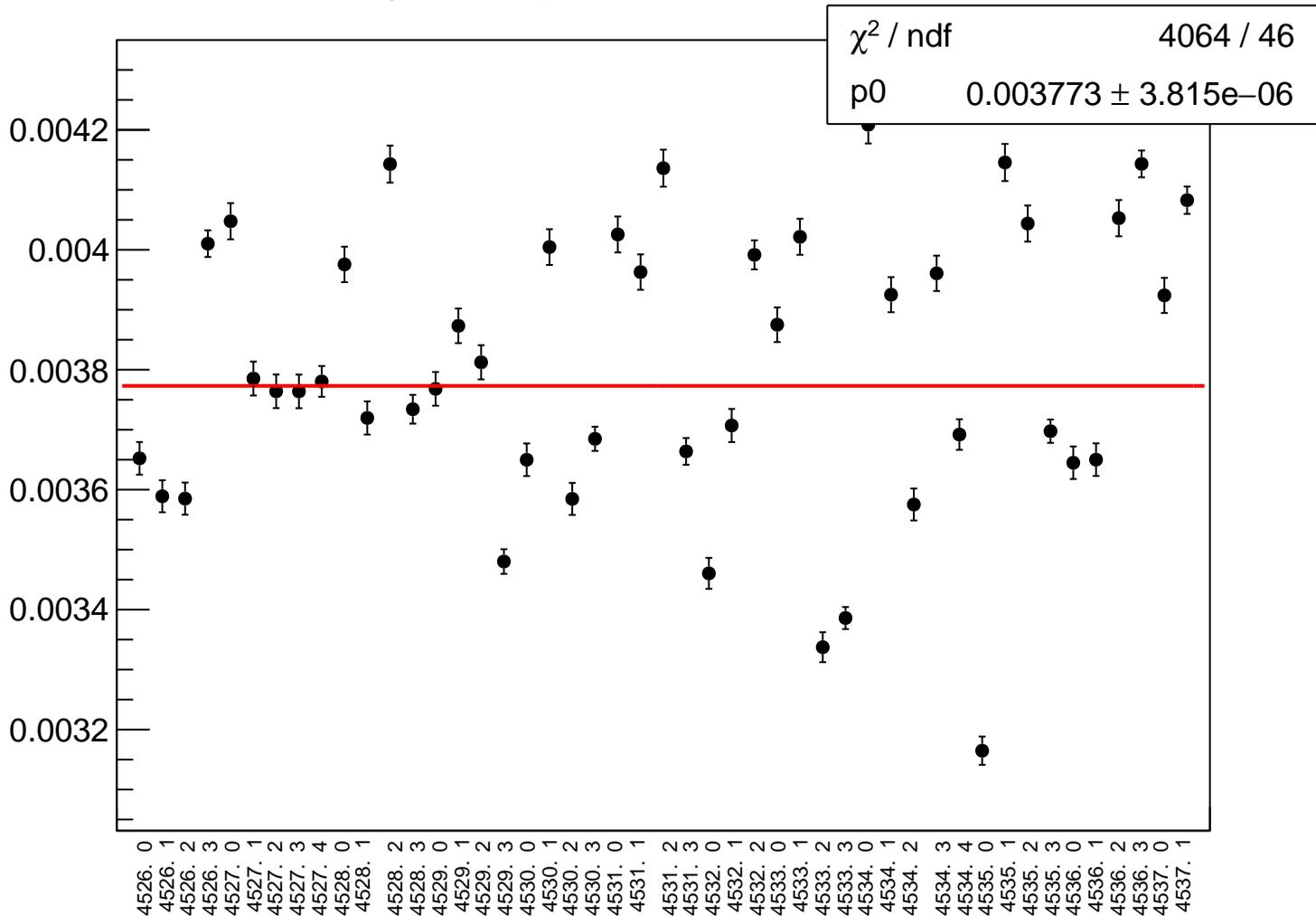
# yield\_bpm11X\_rms vs run



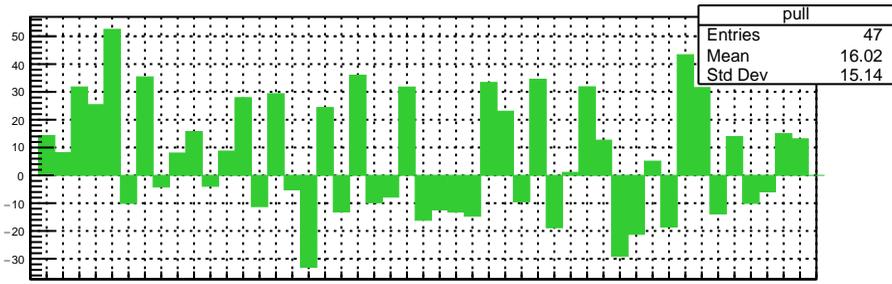
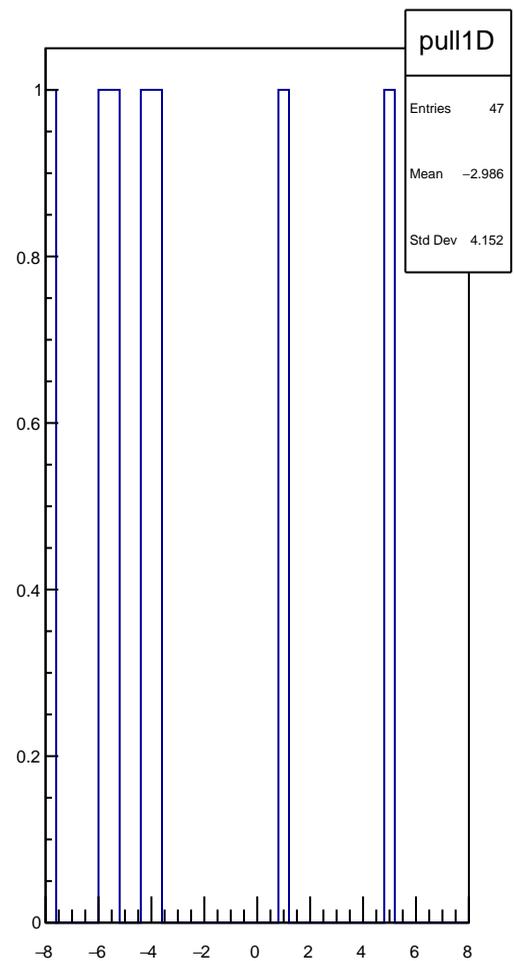
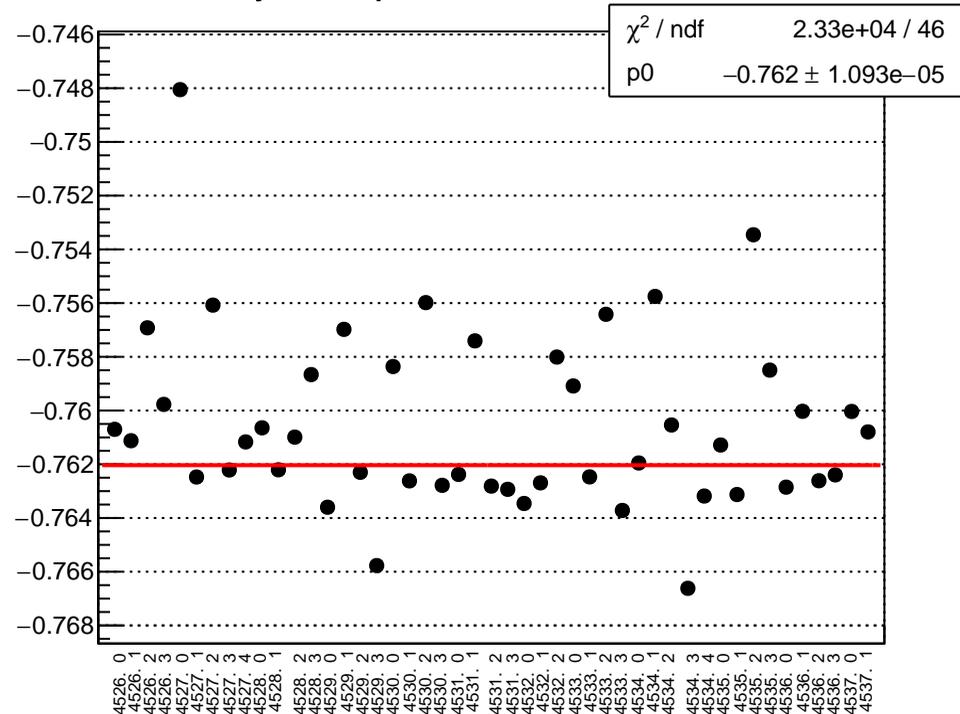
# yield\_bpm11Y\_mean vs run



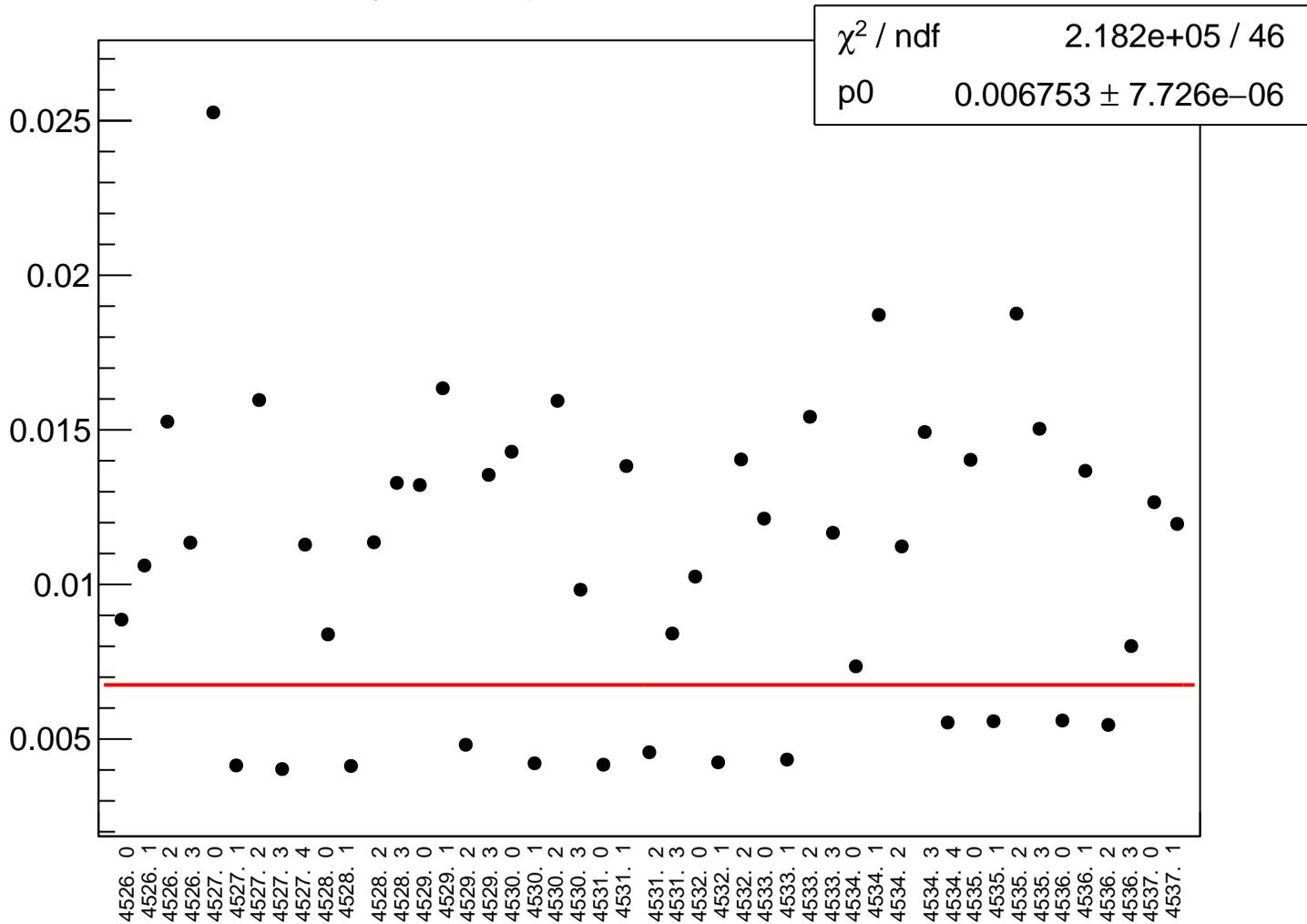
# yield\_bpm11Y\_rms vs run



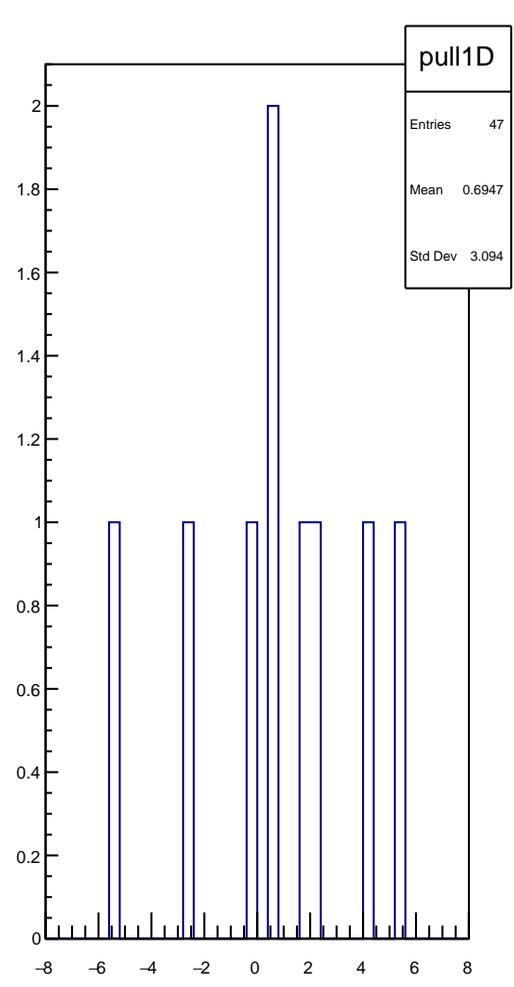
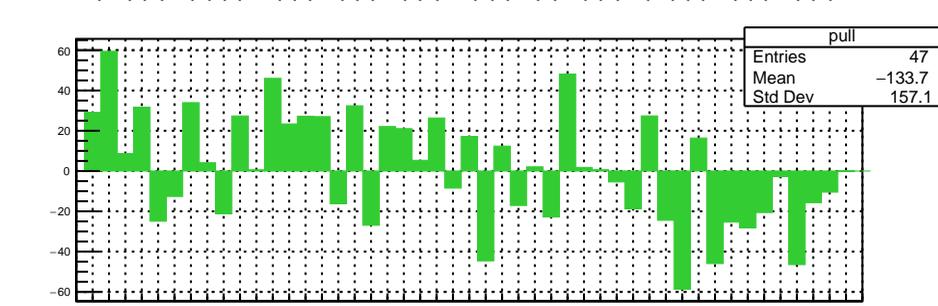
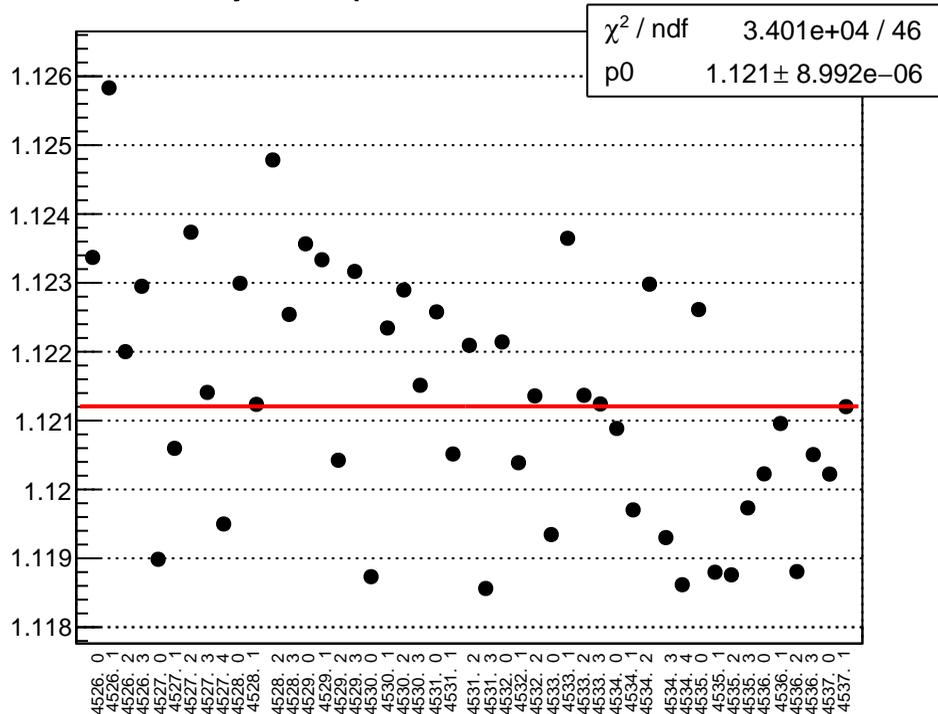
# yield\_bpm12X\_mean vs run



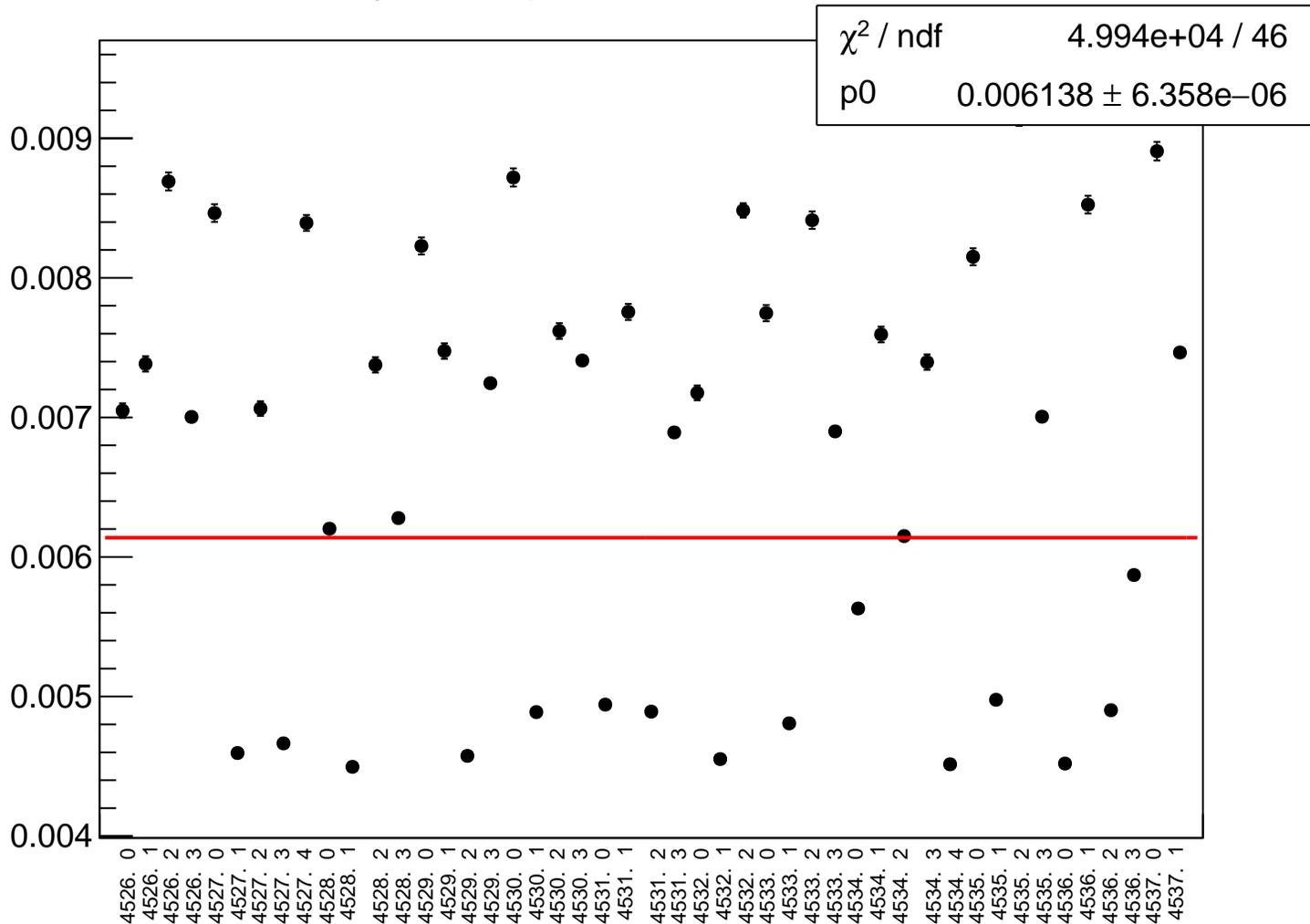
# yield\_bpm12X\_rms vs run



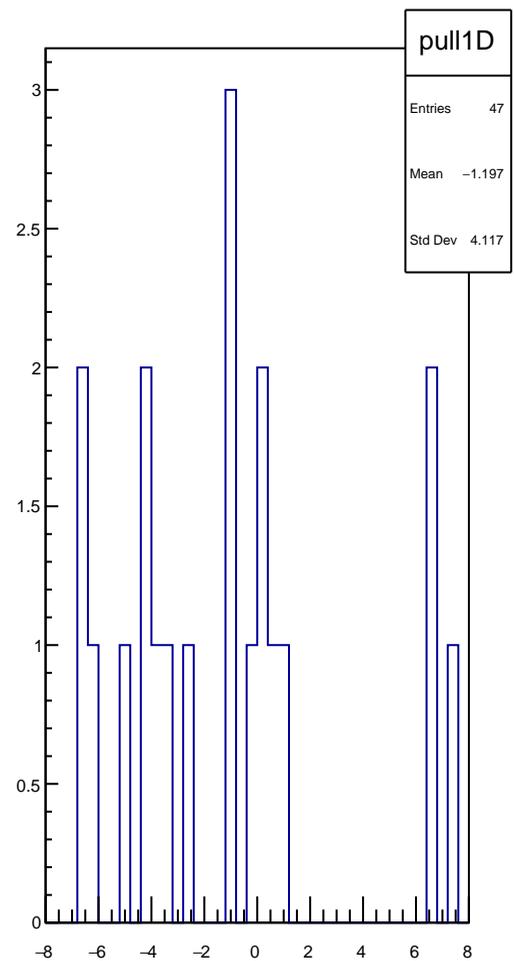
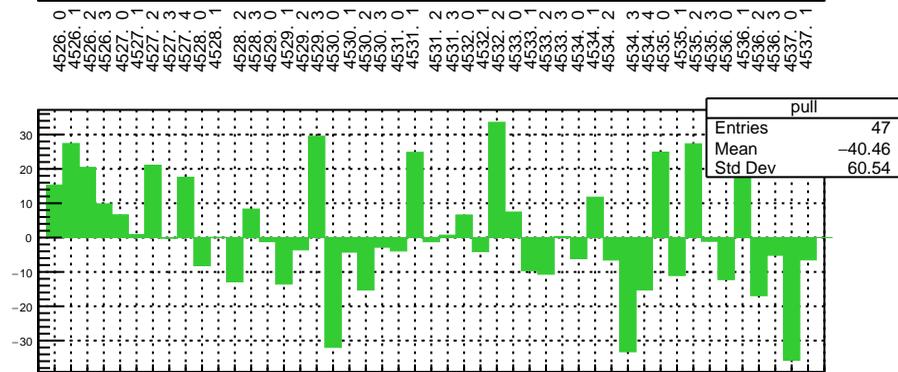
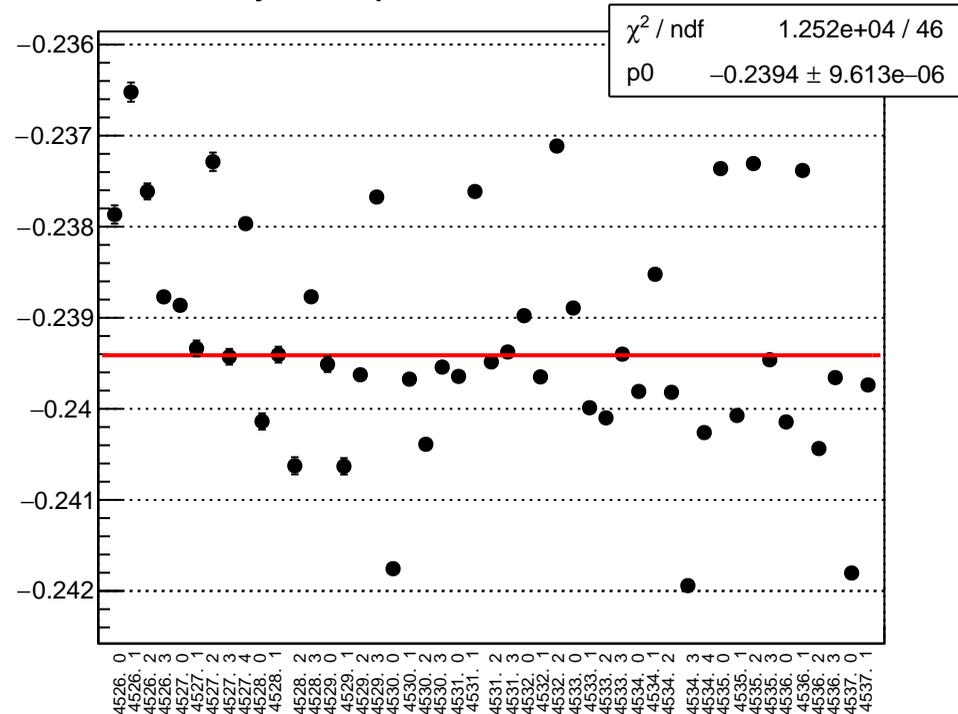
# yield\_bpm12Y\_mean vs run



# yield\_bpm12Y\_rms vs run

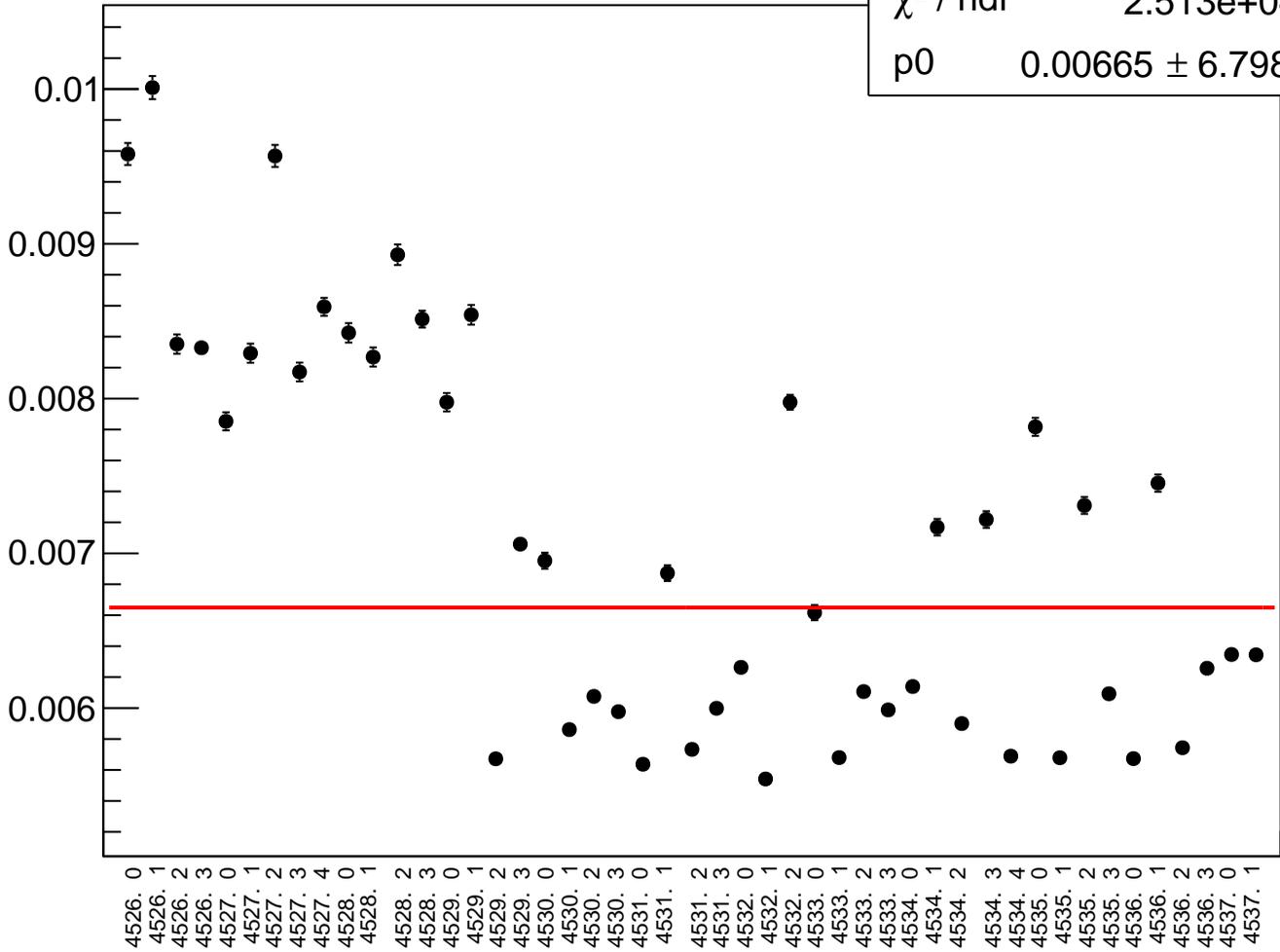


# yield\_bpm16X\_mean vs run

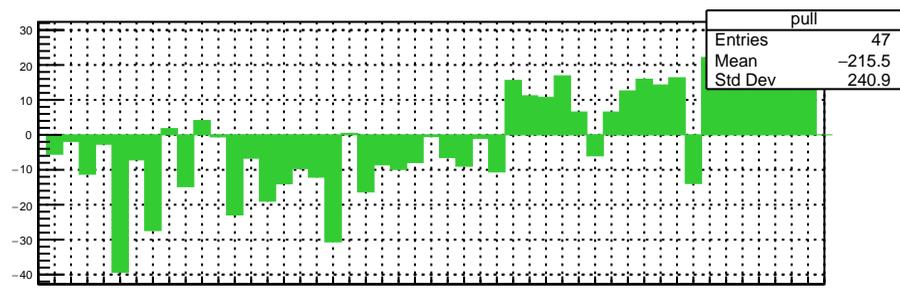
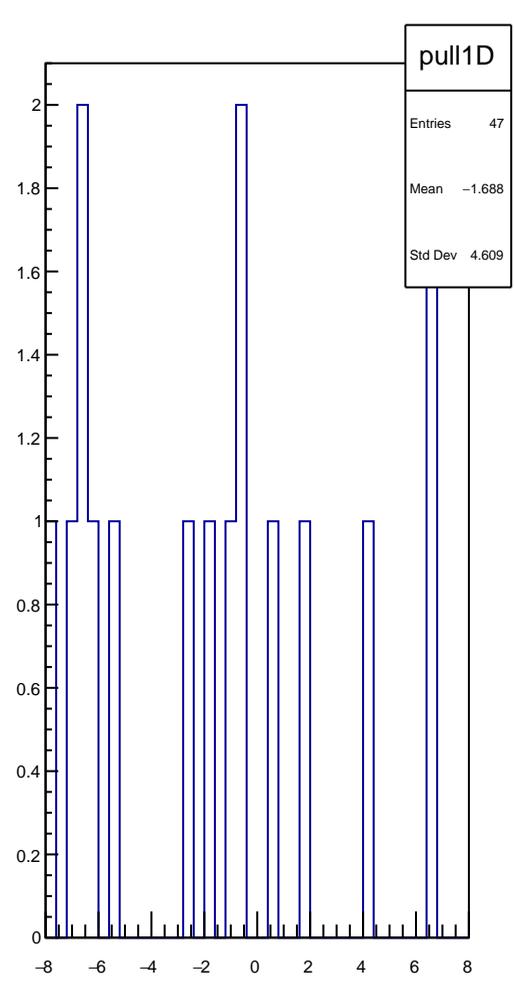
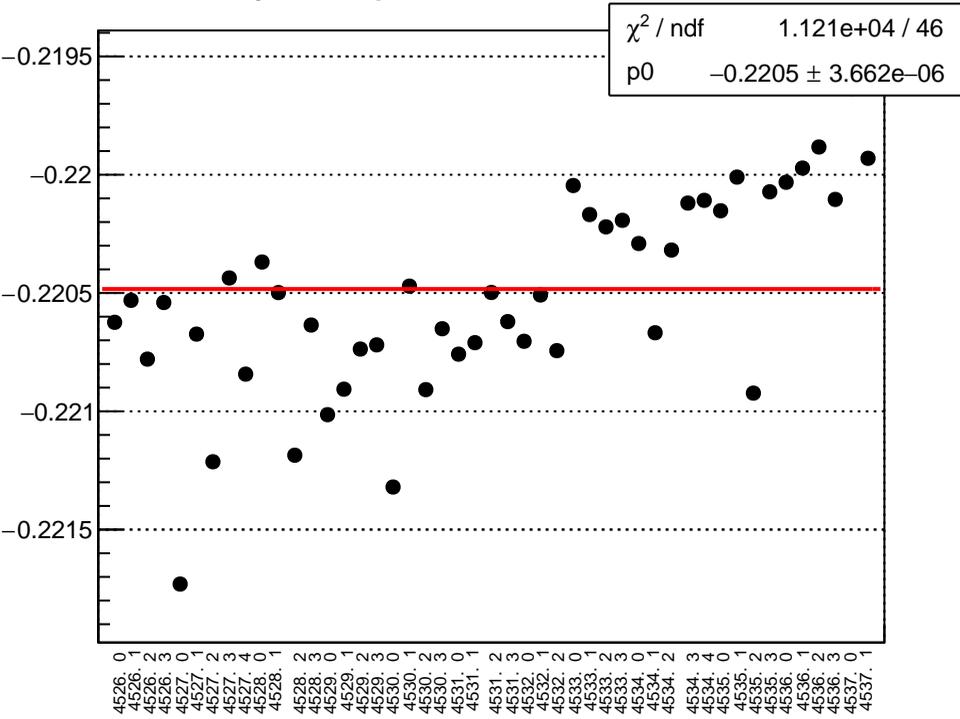


# yield\_bpm16X\_rms vs run

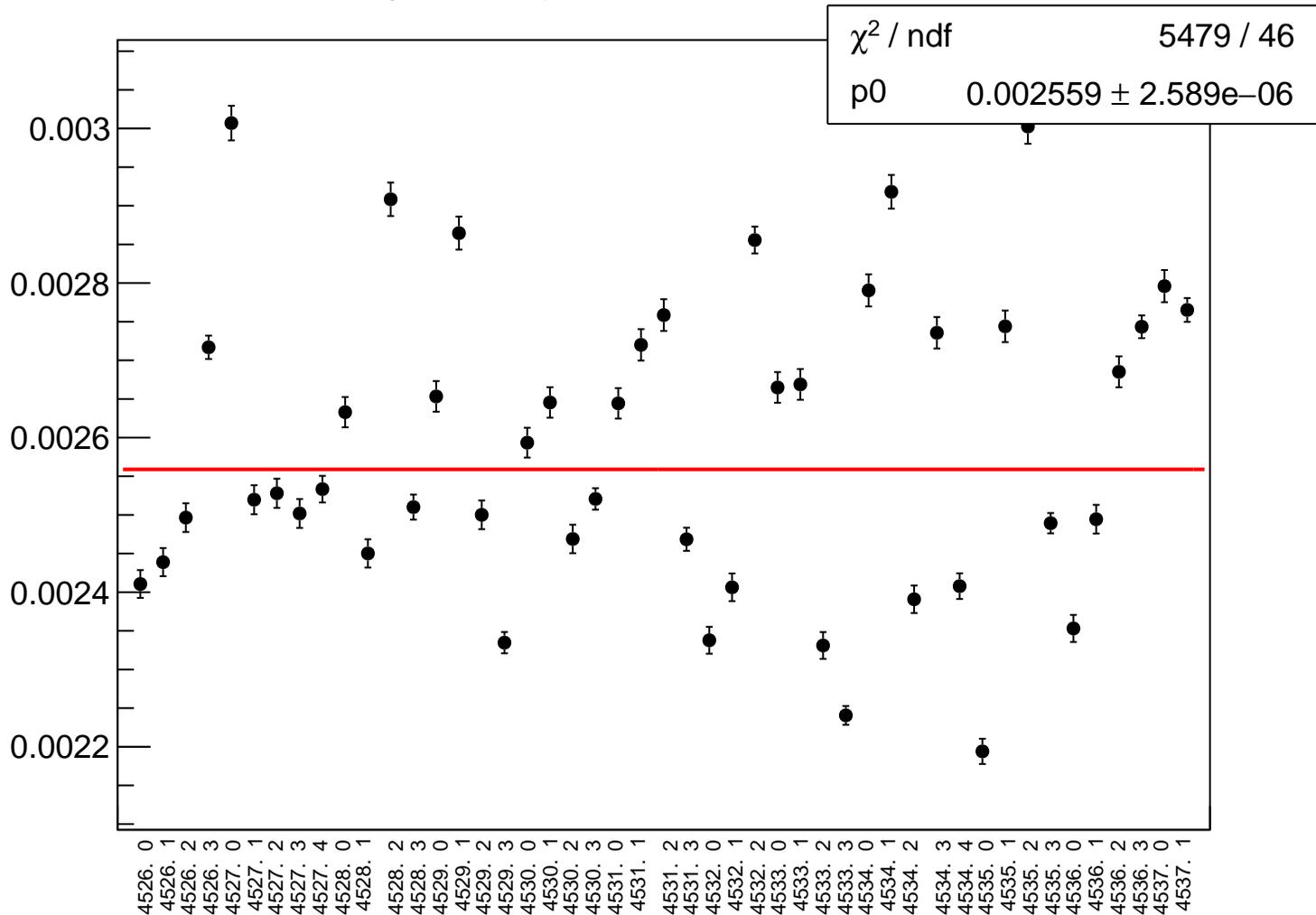
$\chi^2 / \text{ndf}$       2.513e+04 / 46  
p0      0.00665  $\pm$  6.798e-06



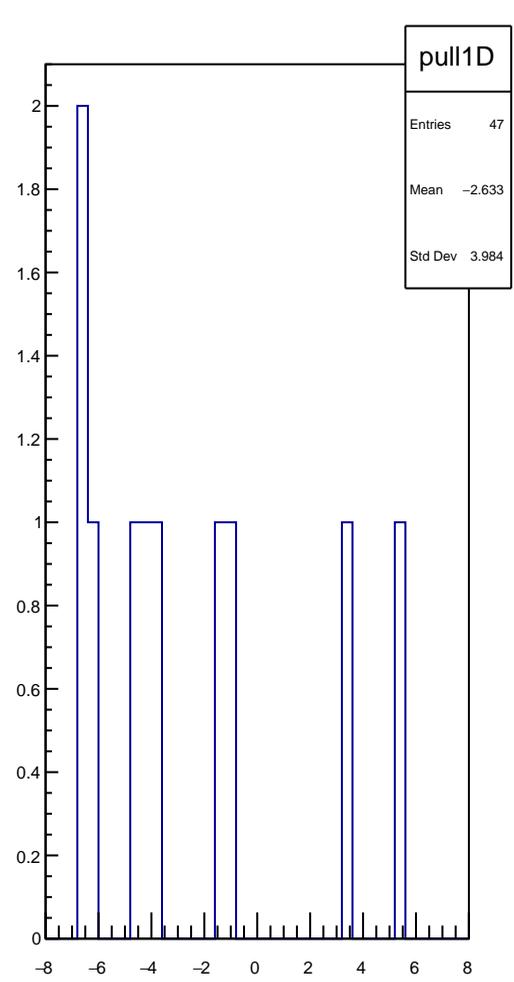
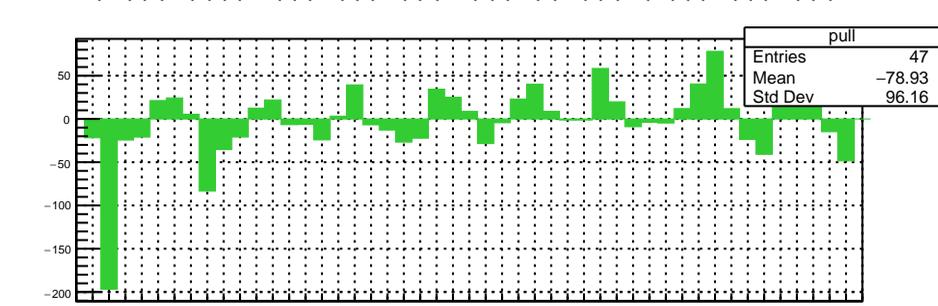
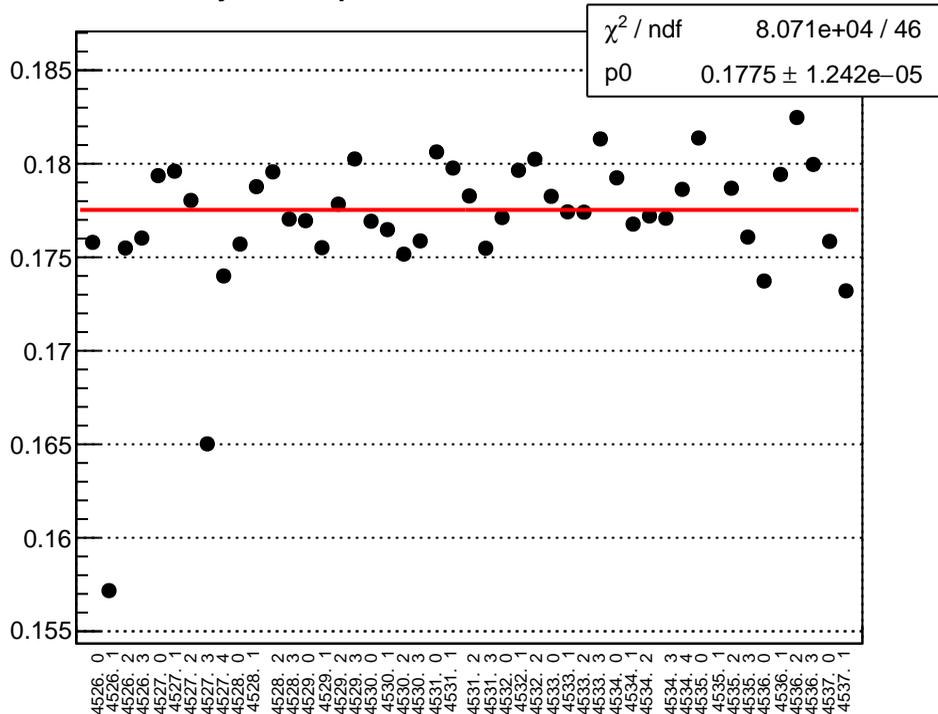
# yield\_bpm16Y\_mean vs run



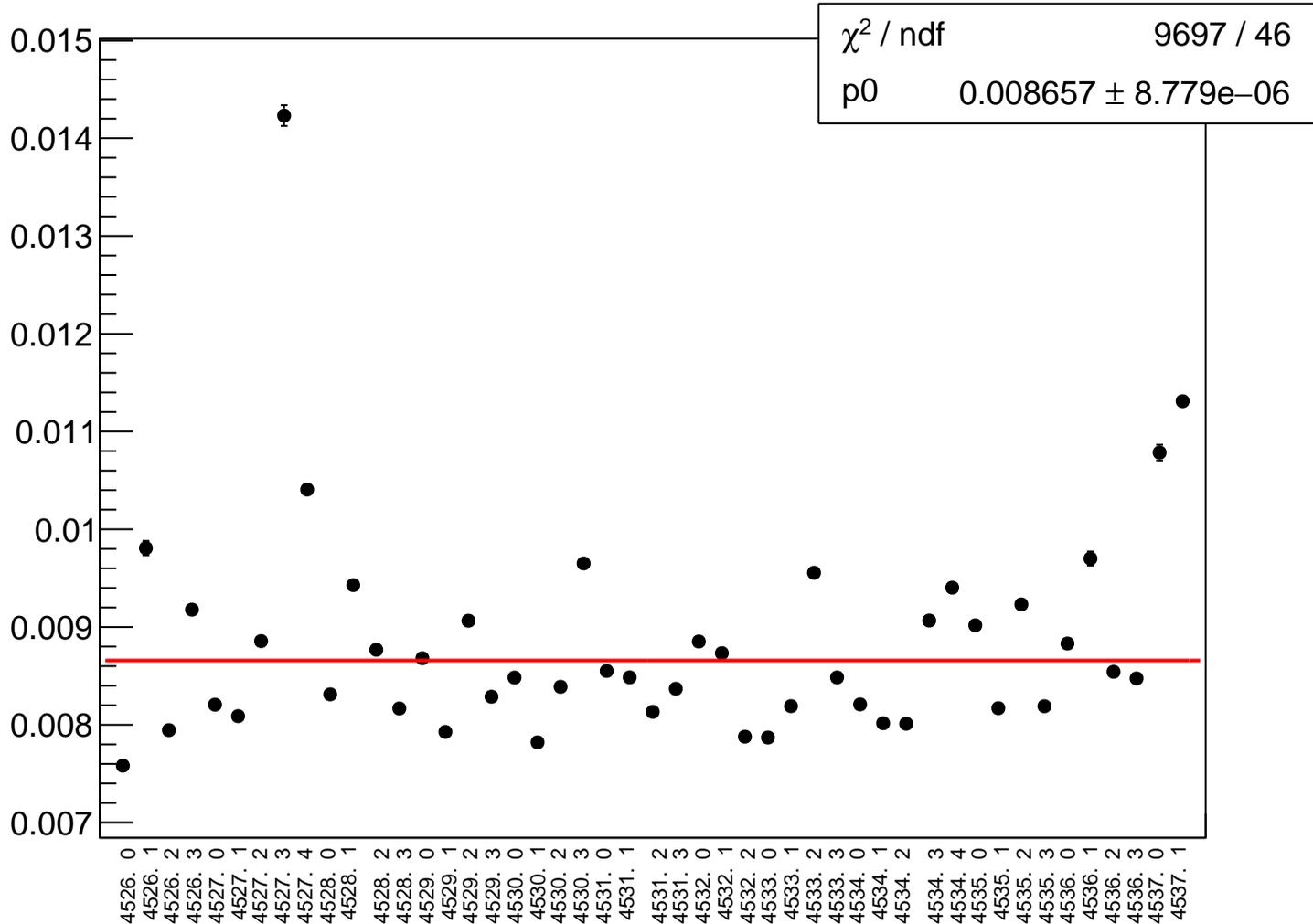
# yield\_bpm16Y\_rms vs run



# yield\_bpm2i01X\_mean vs run

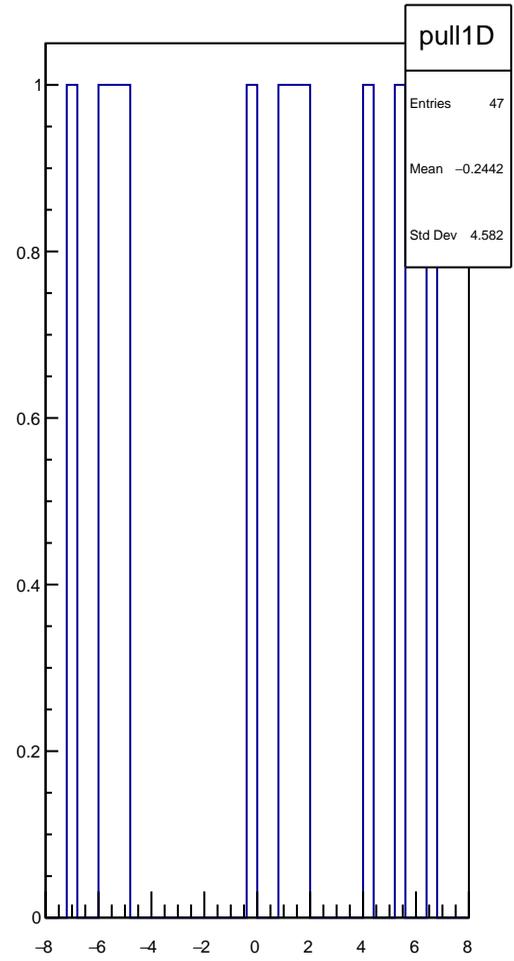
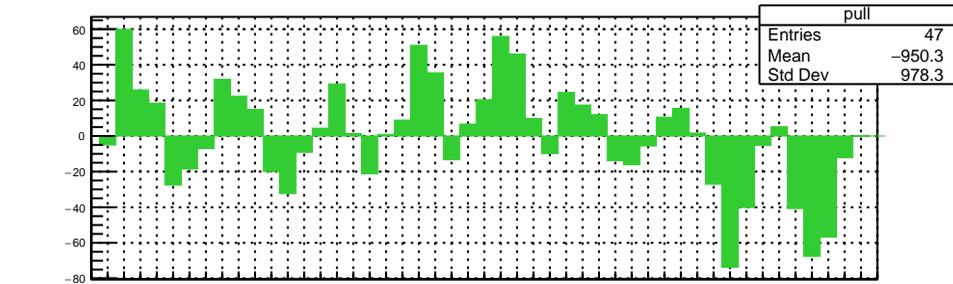
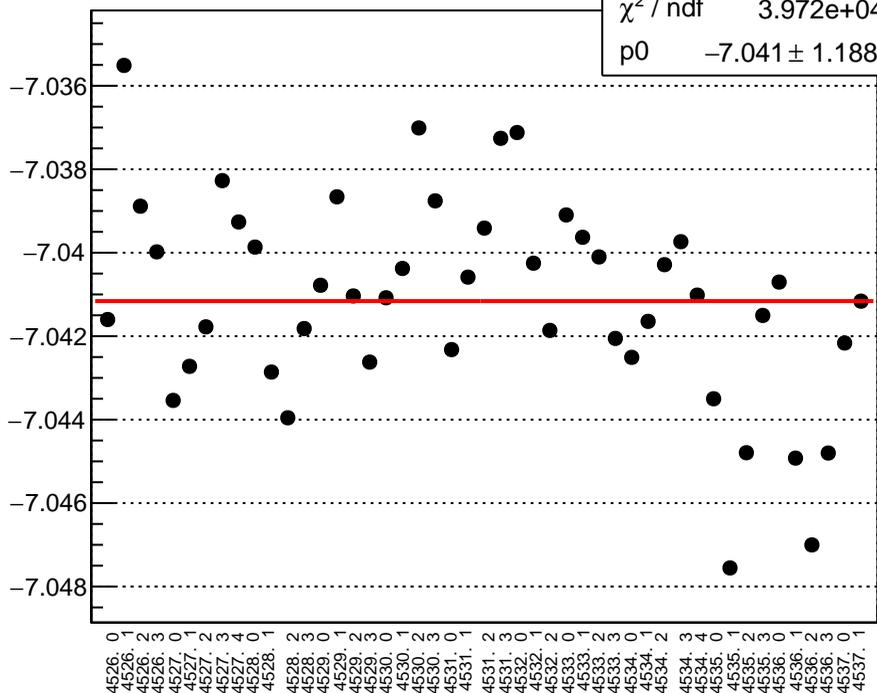


# yield\_bpm2i01X\_rms vs run

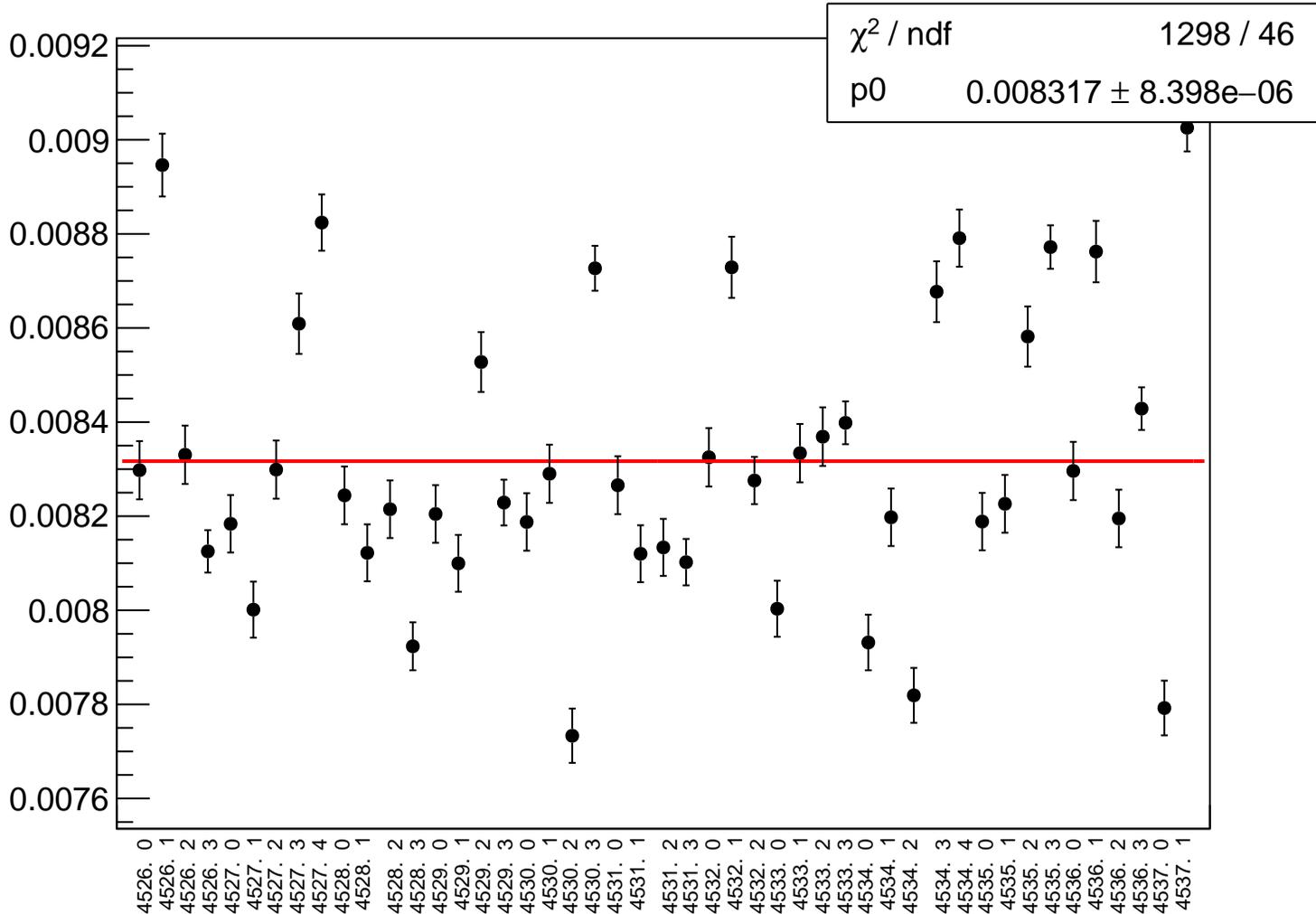


# yield\_bpm2i01Y\_mean vs run

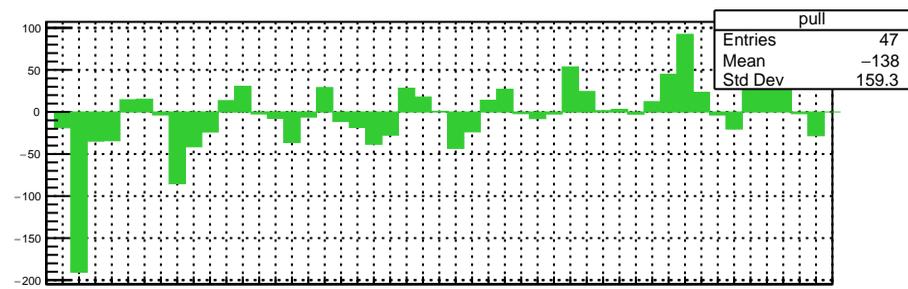
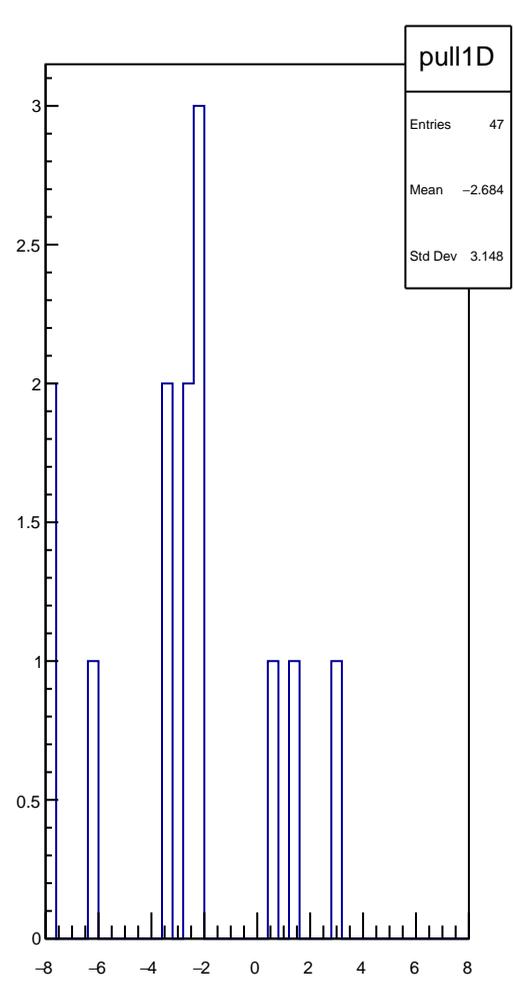
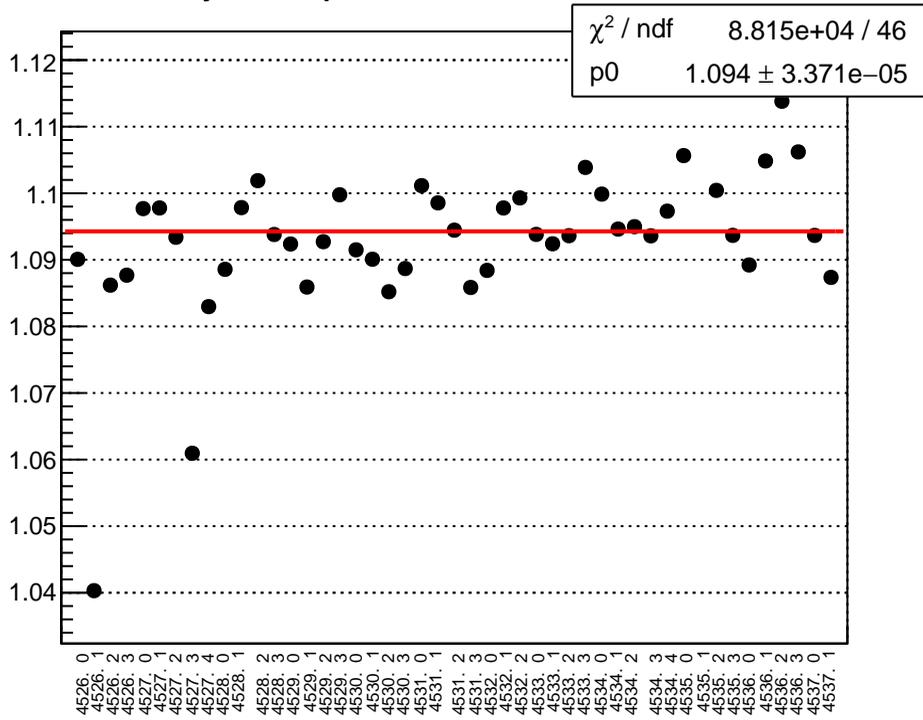
$\chi^2 / \text{ndf}$  3.972e+04 / 46  
 p0  $-7.041 \pm 1.188\text{e-}05$



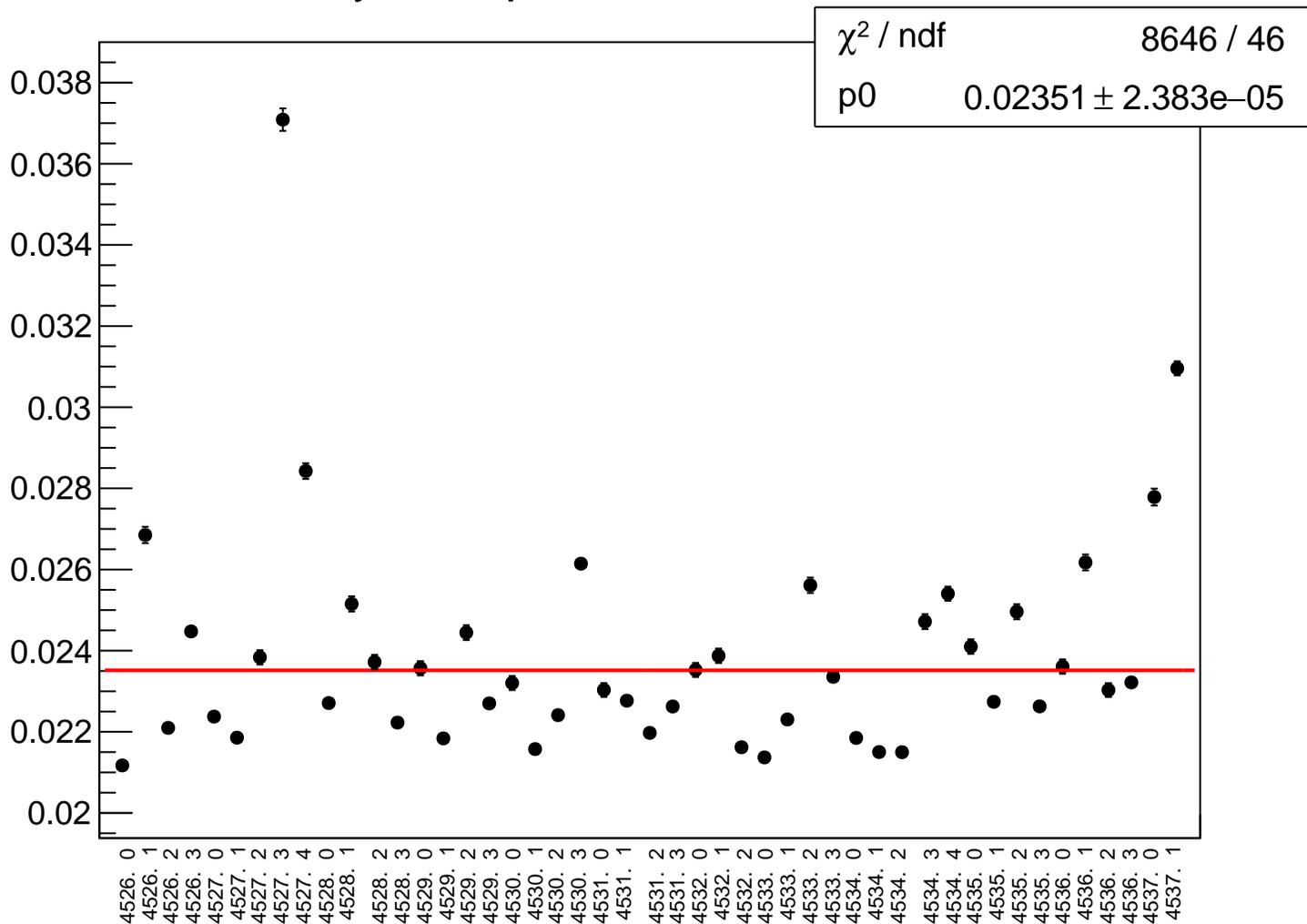
# yield\_bpm2i01Y\_rms vs run



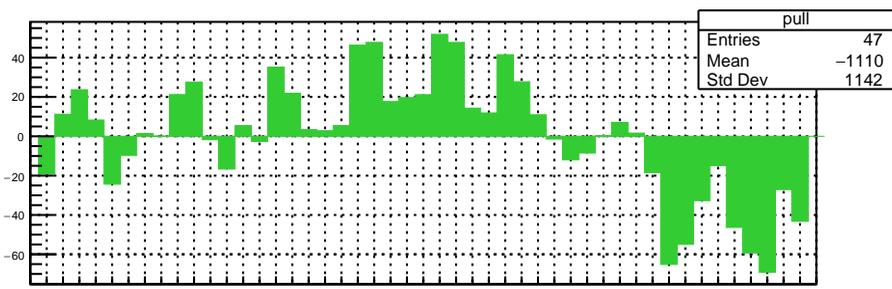
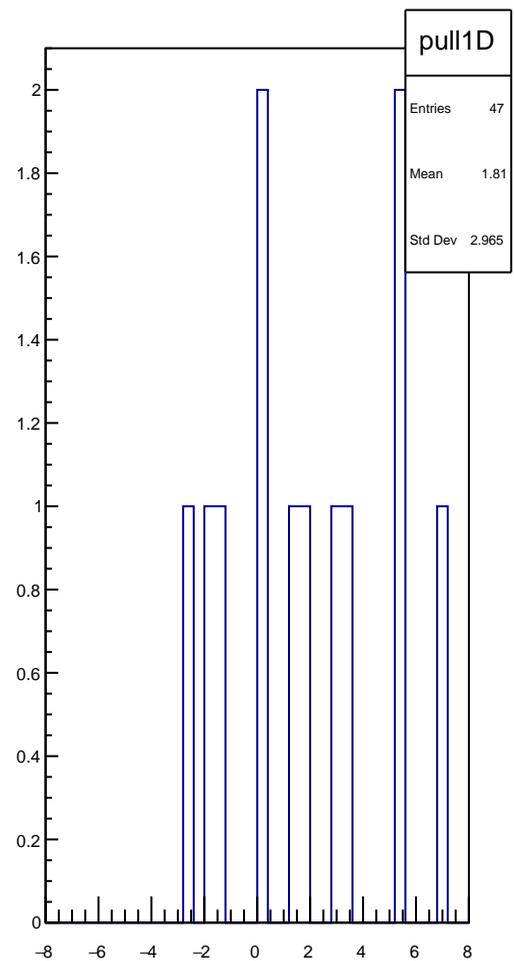
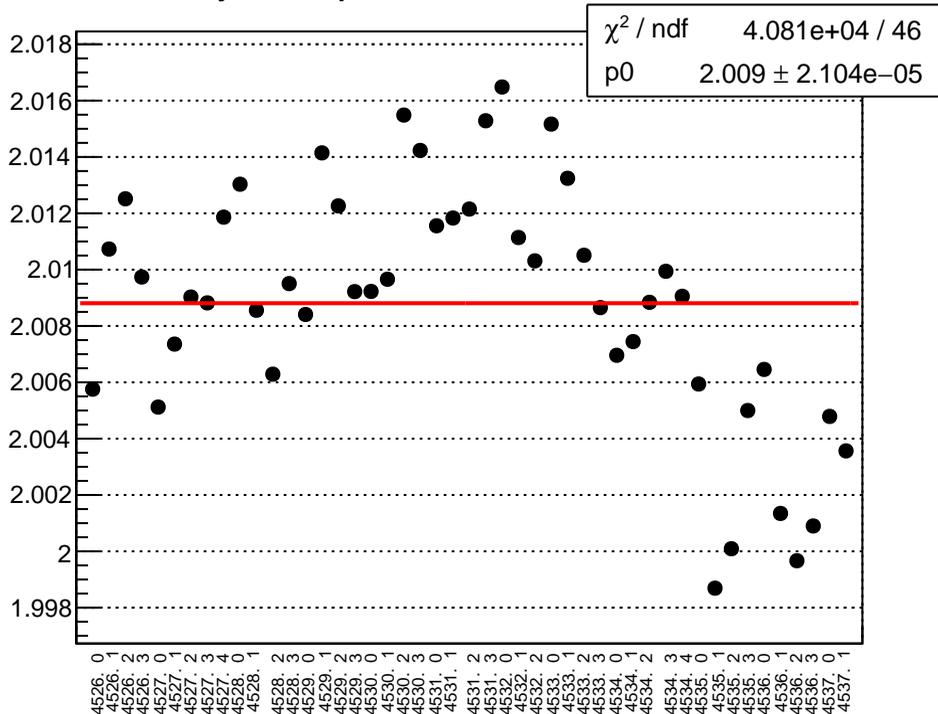
# yield\_bpm2i02X\_mean vs run



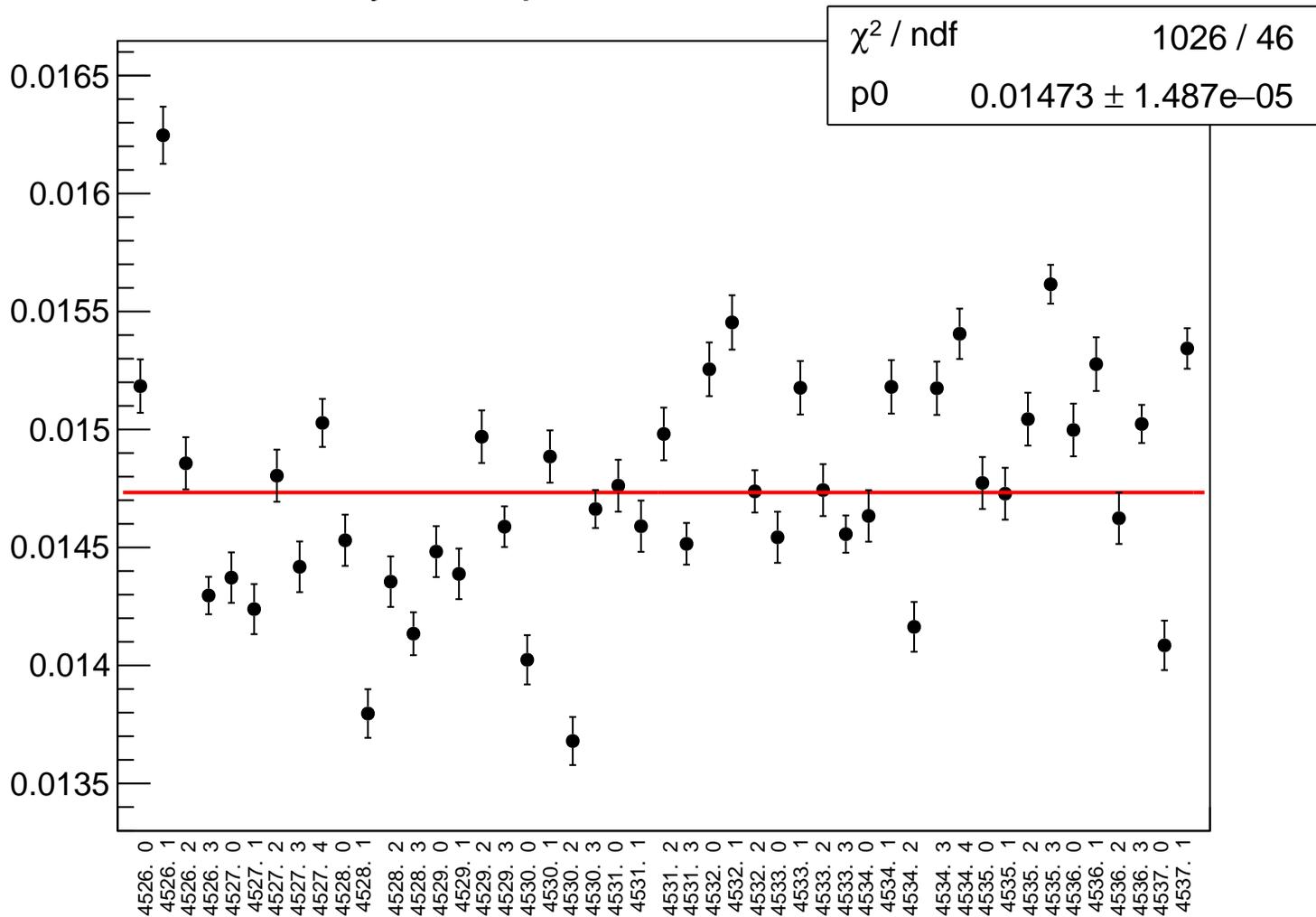
# yield\_bpm2i02X\_rms vs run



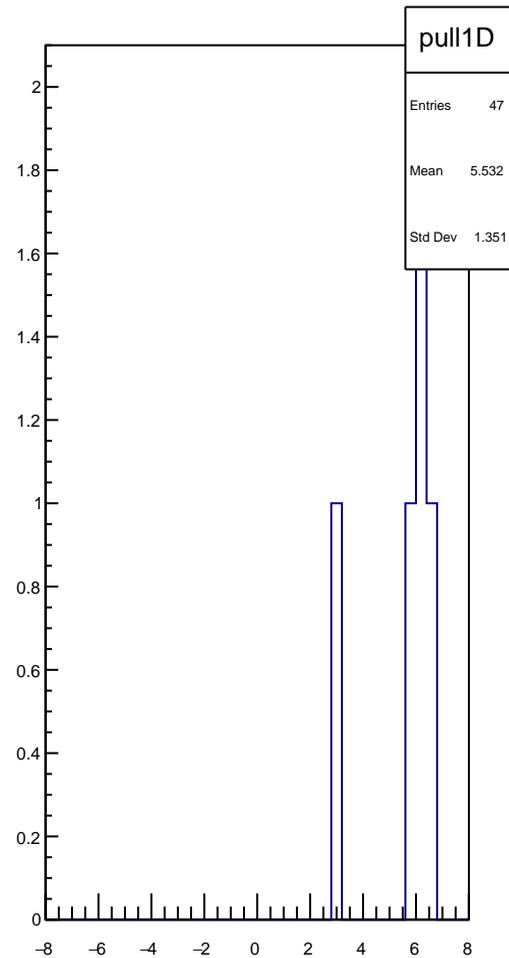
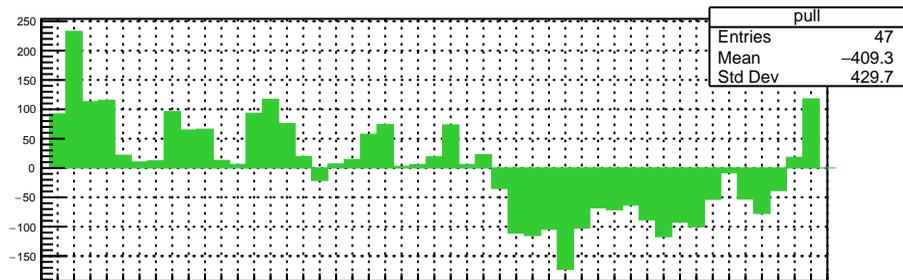
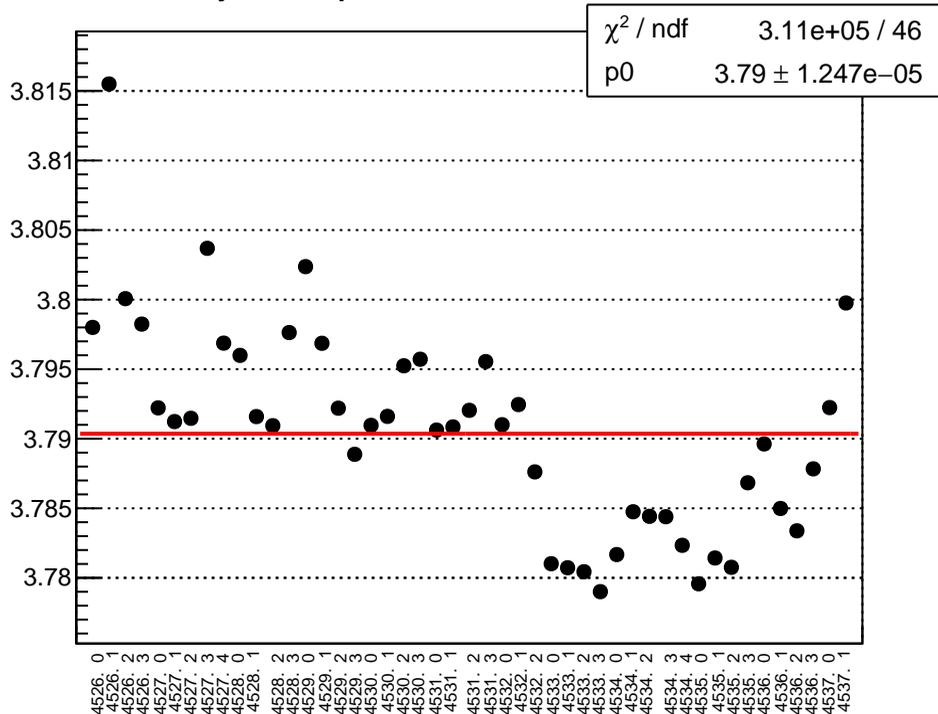
# yield\_bpm2i02Y\_mean vs run



# yield\_bpm2i02Y\_rms vs run



# yield\_bpm1i04X\_mean vs run



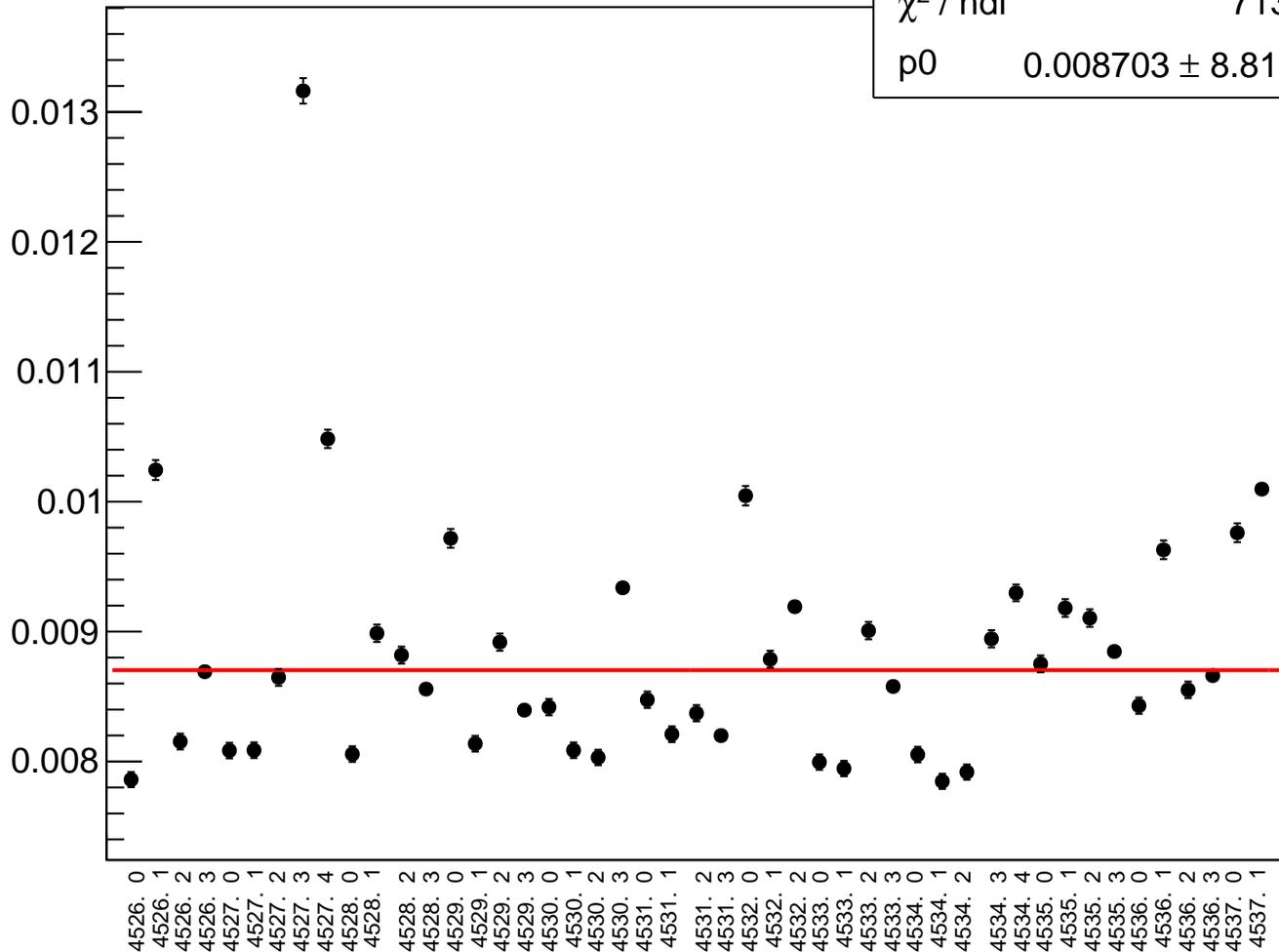
# yield\_bpm1i04X\_rms vs run

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

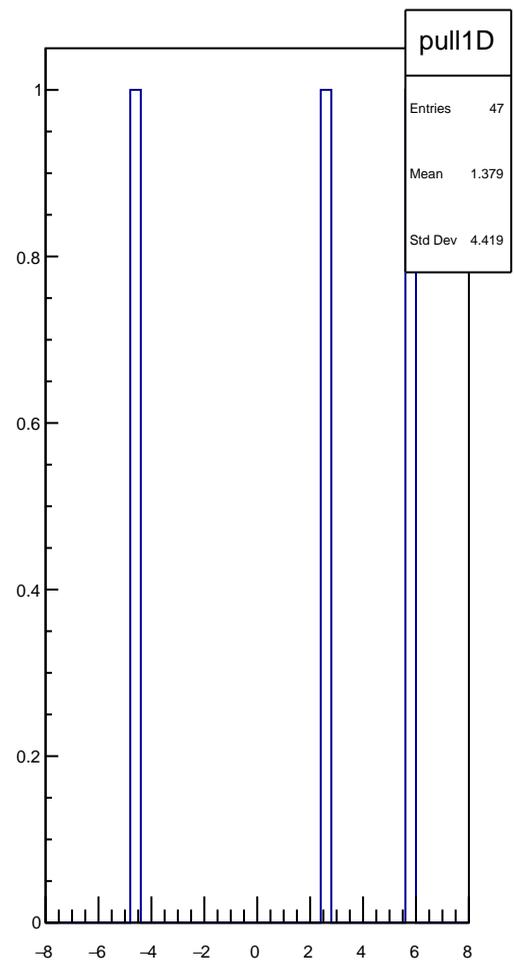
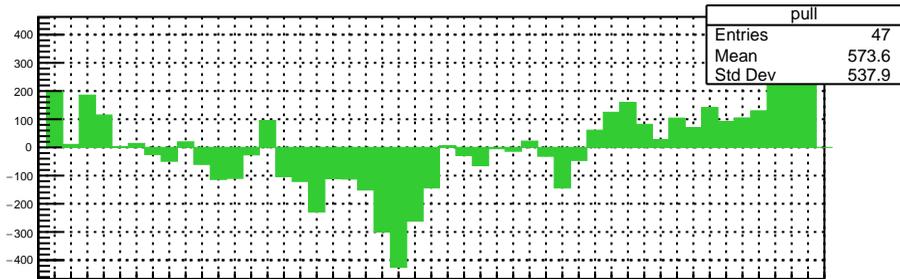
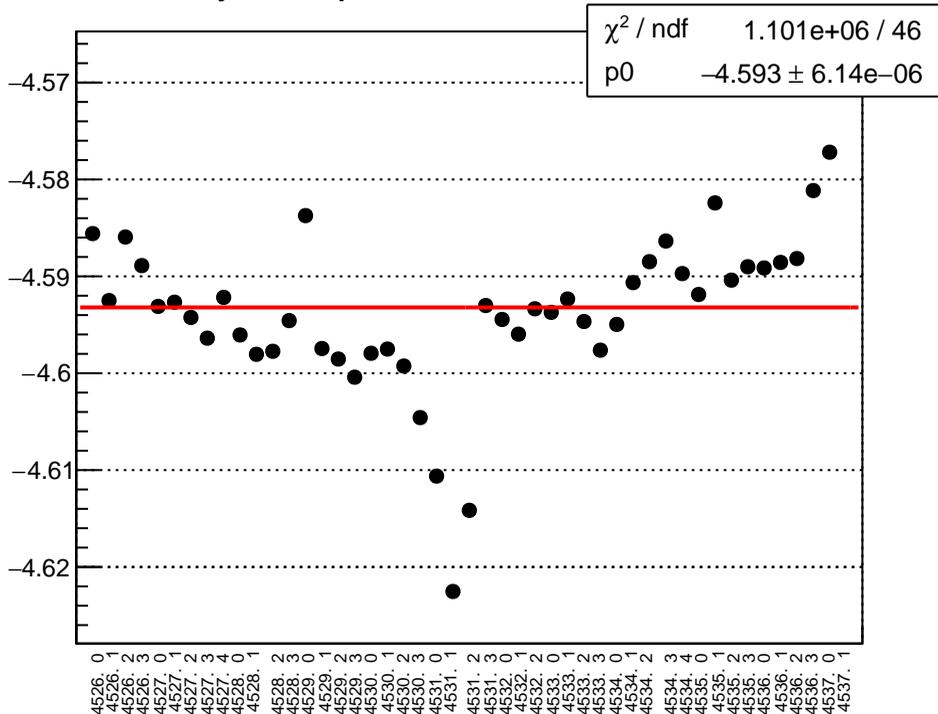
7136 / 46

p0

$0.008703 \pm 8.814\text{e-}06$



# yield\_bpm1i04Y\_mean vs run



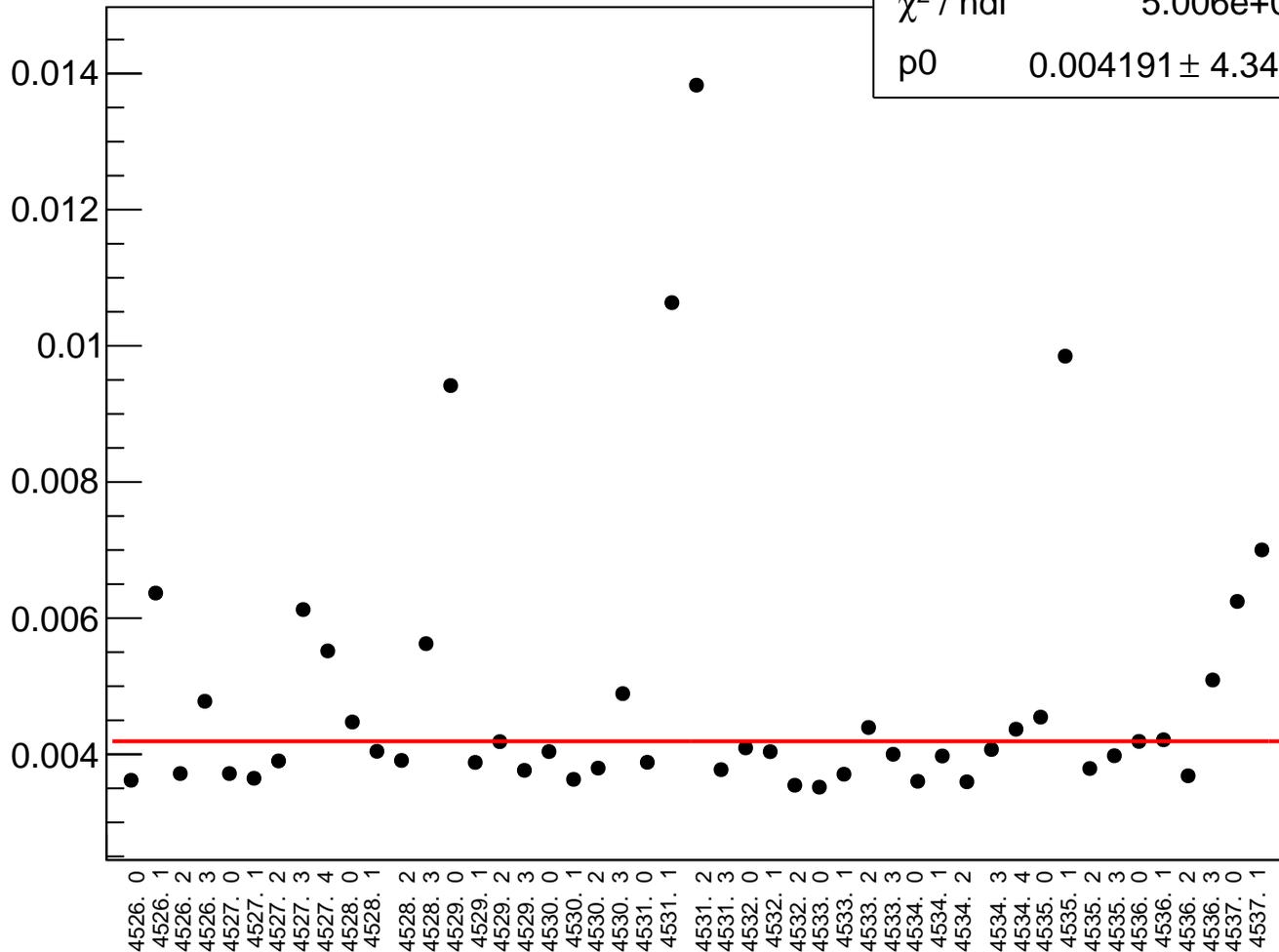
# yield\_bpm1i04Y\_rms vs run

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

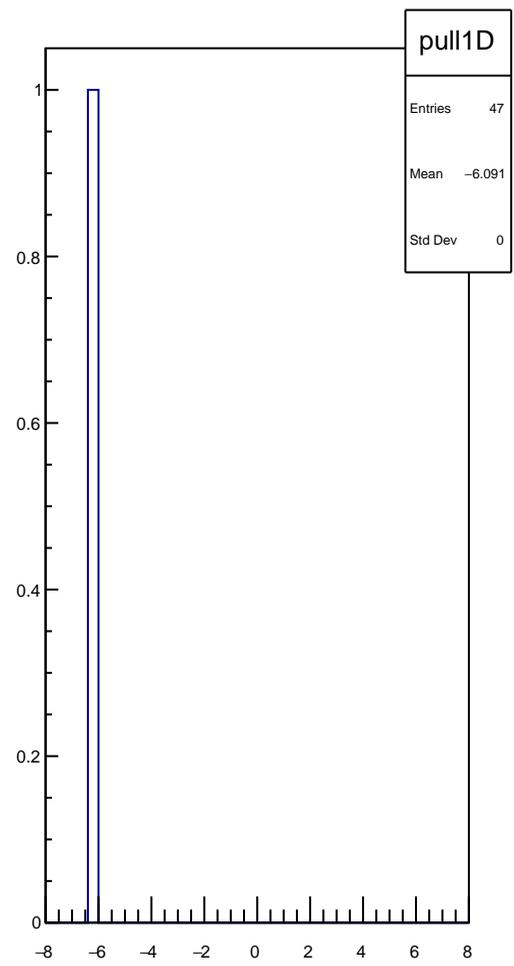
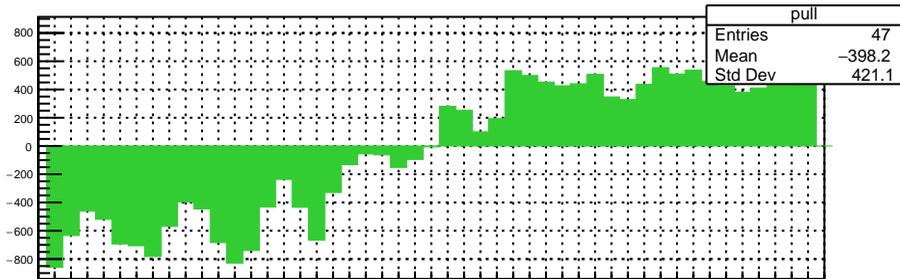
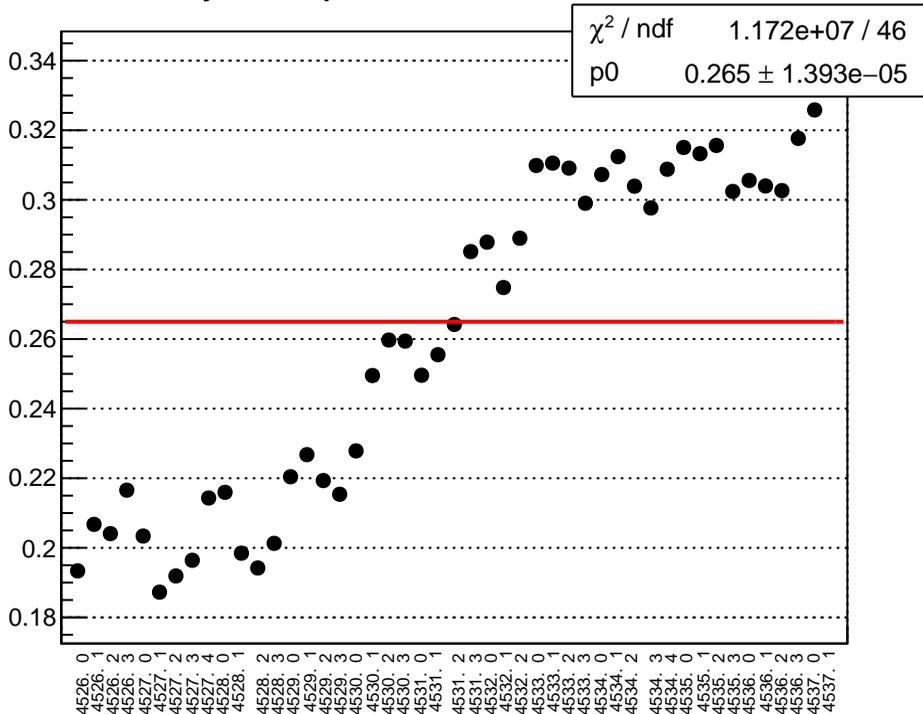
5.006e+04 / 46

p0

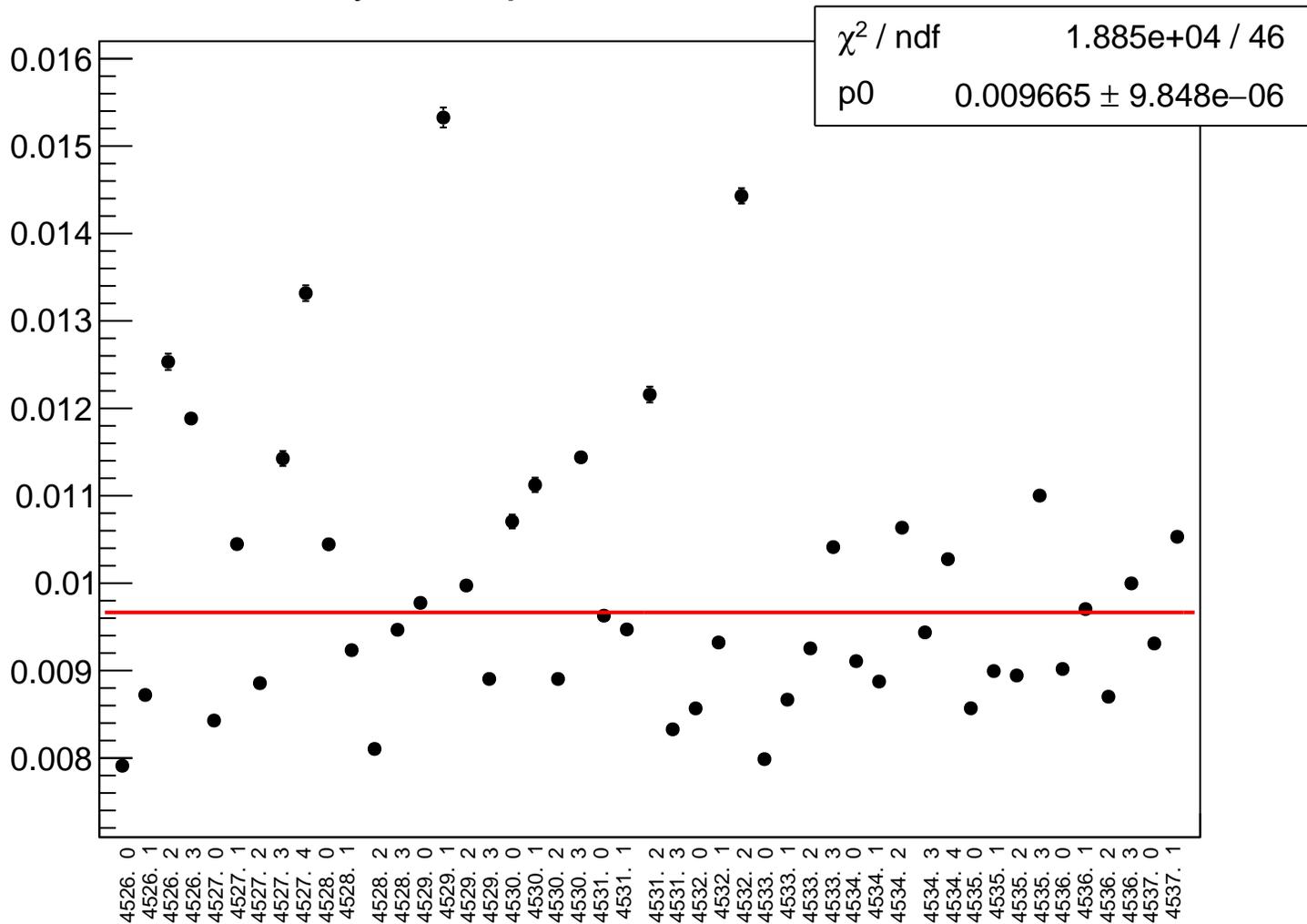
0.004191 ± 4.341e-06



# yield\_bpm0101X\_mean vs run

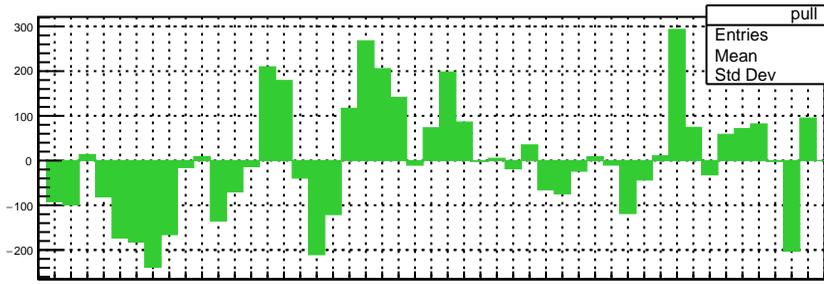
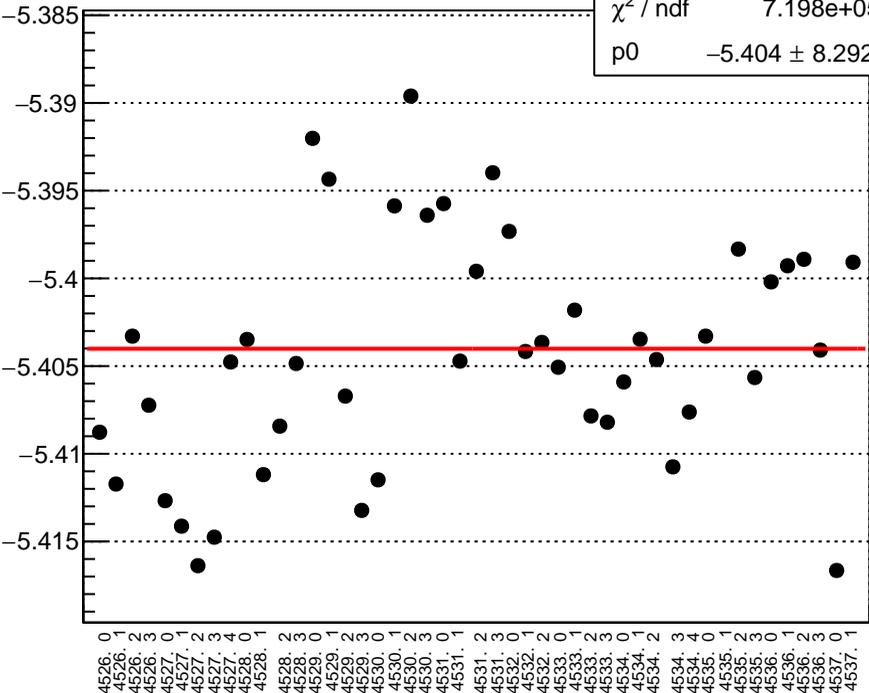


# yield\_bpm0l01X\_rms vs run

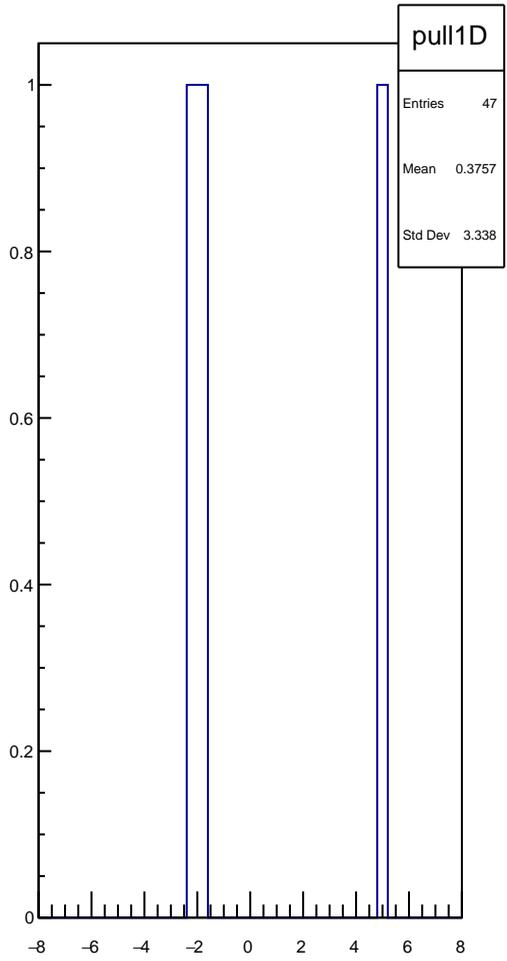


# yield\_bpm0l01Y\_mean vs run

$\chi^2 / \text{ndf}$  7.198e+05 / 46  
 p0  $-5.404 \pm 8.292e-06$

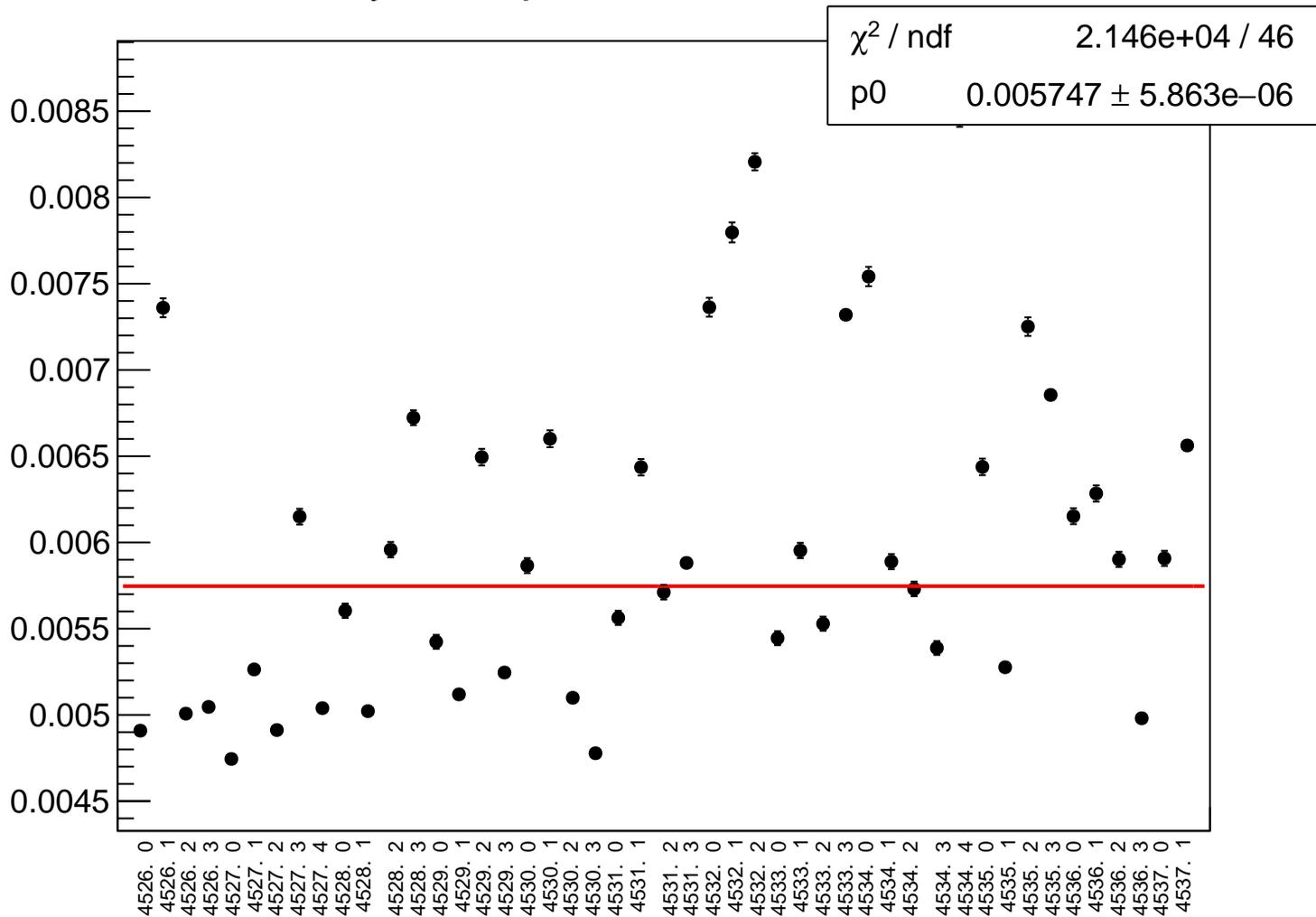


pull  
 Entries 47  
 Mean -2711  
 Std Dev 2728

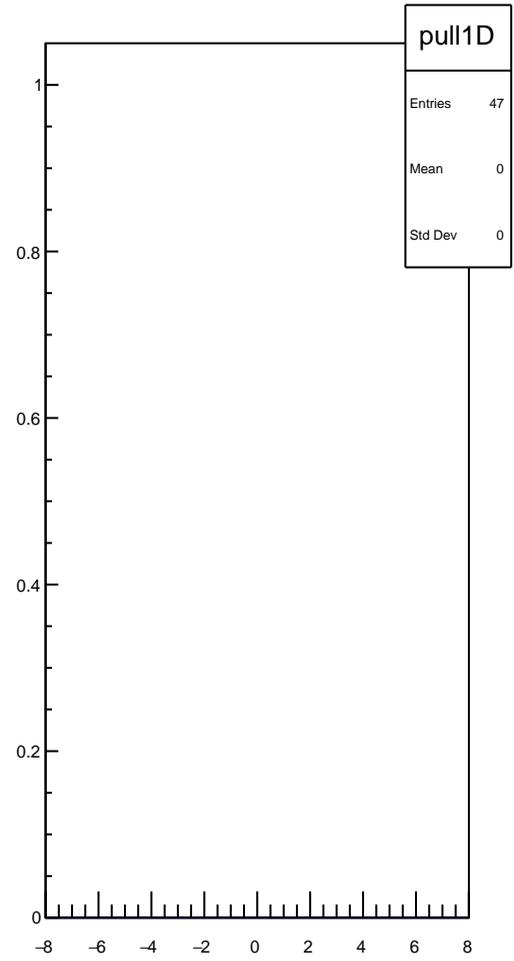
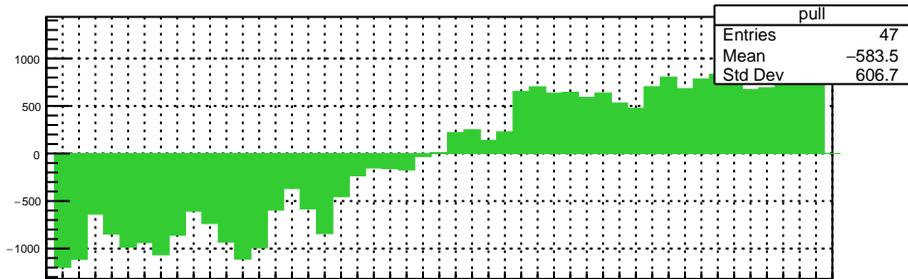
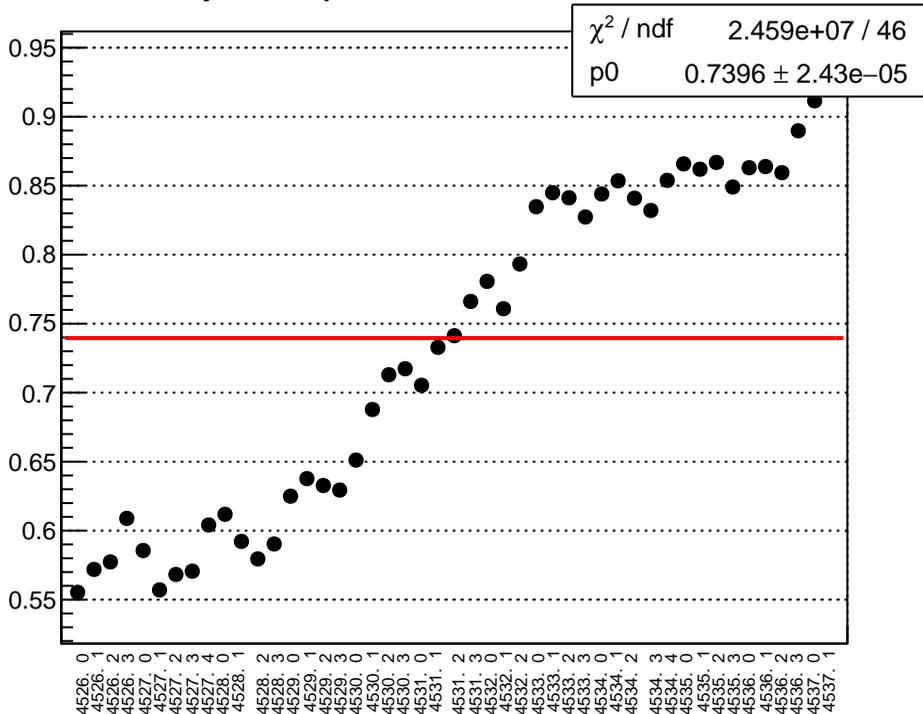


pull1D  
 Entries 47  
 Mean 0.3757  
 Std Dev 3.338

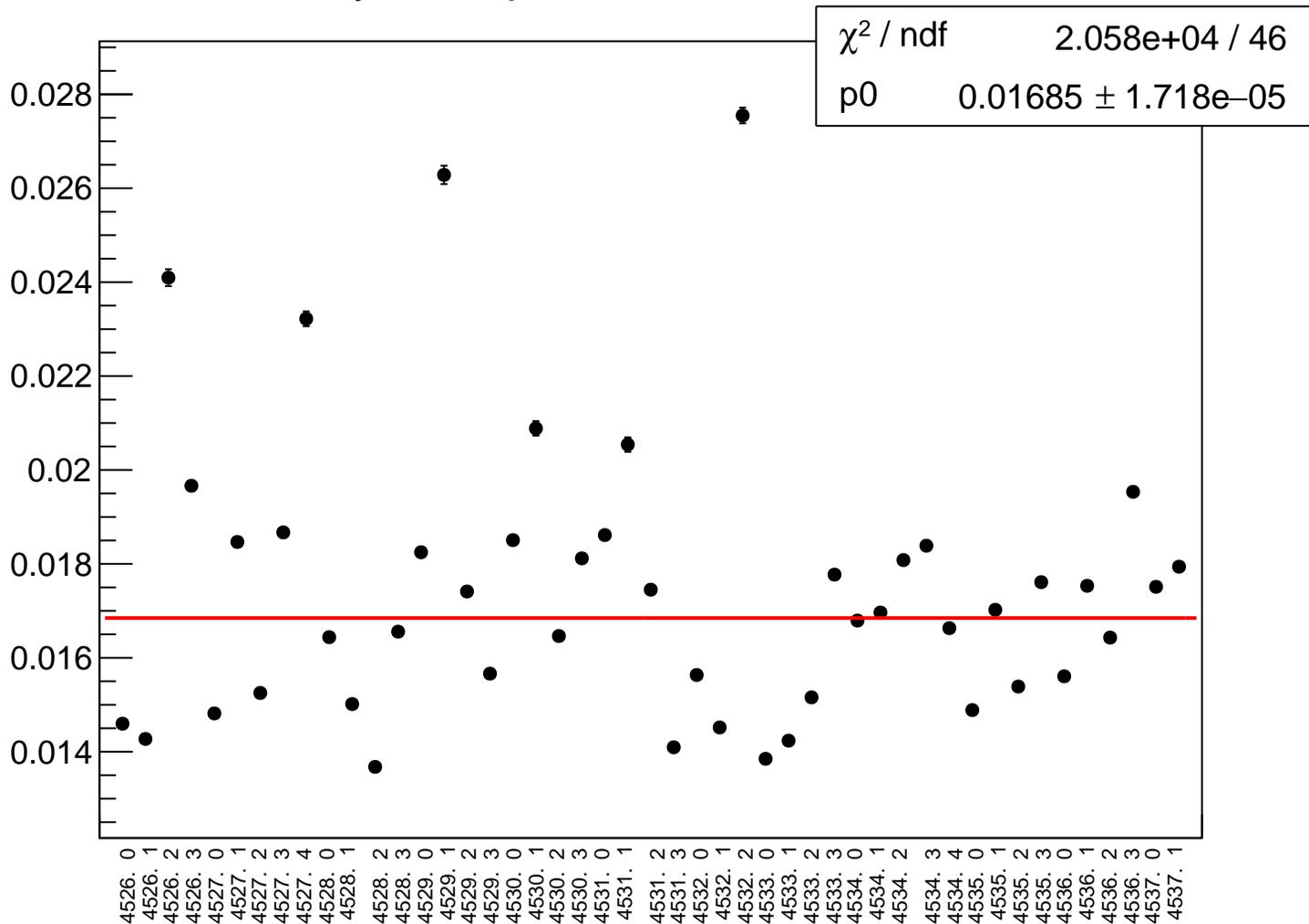
# yield\_bpm0l01Y\_rms vs run



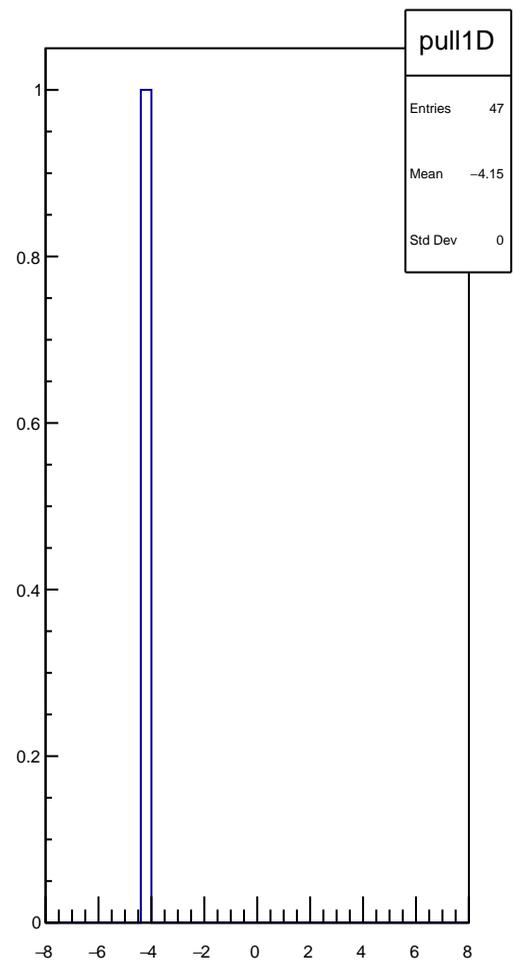
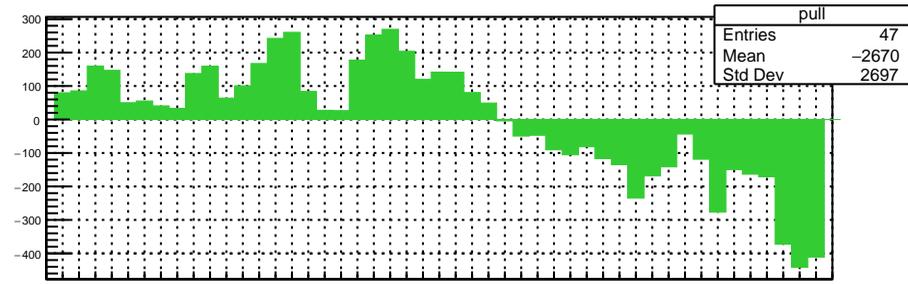
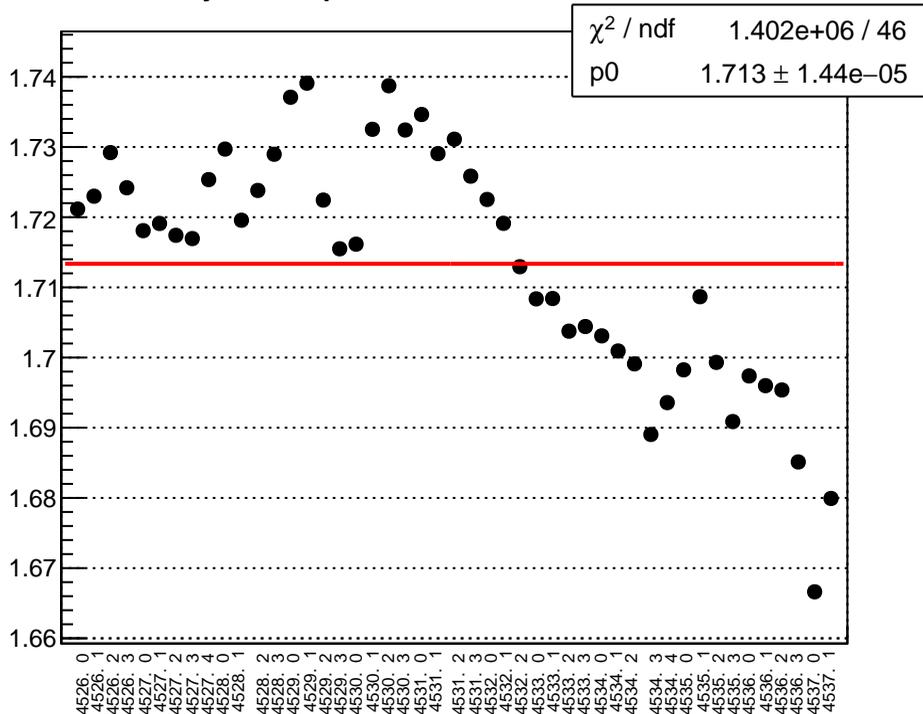
# yield\_bpm0102X\_mean vs run



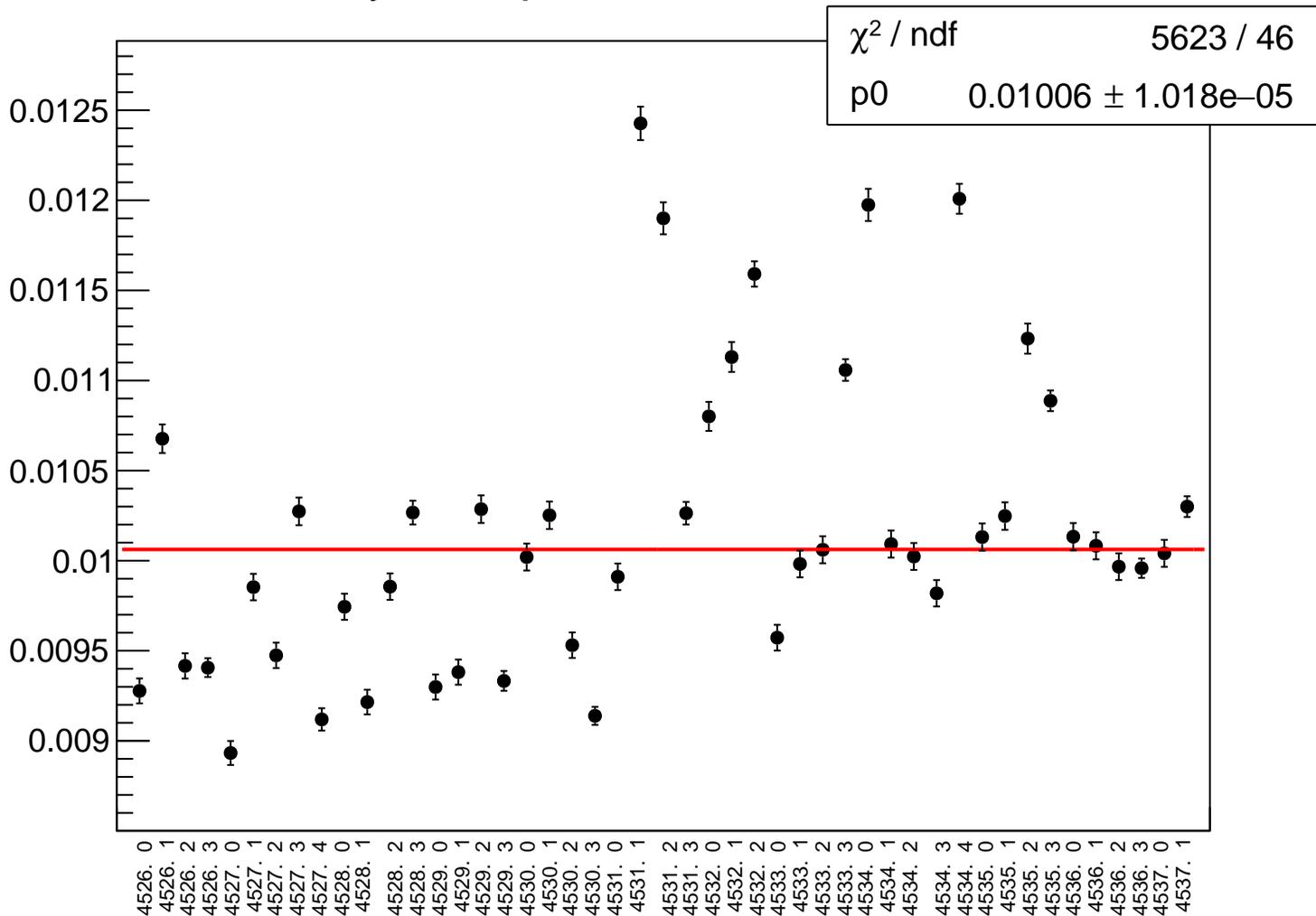
# yield\_bpm0l02X\_rms vs run



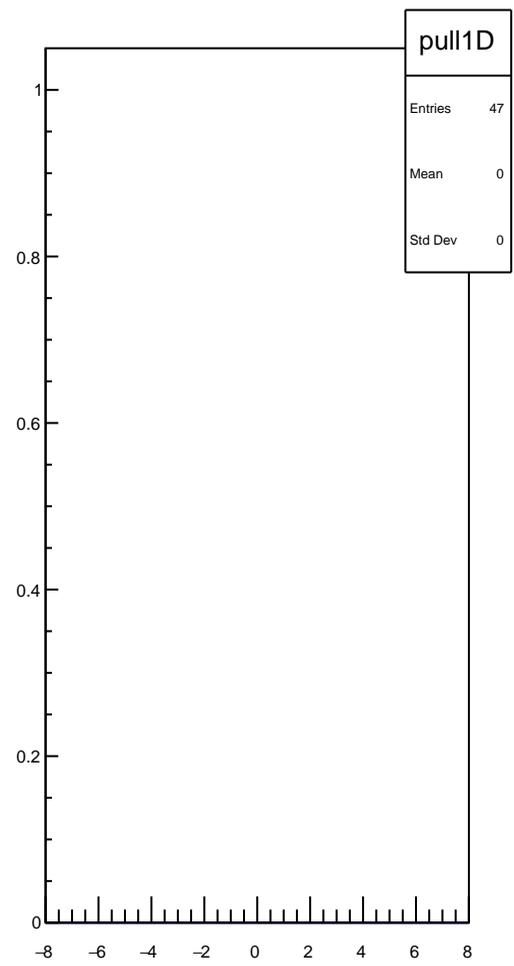
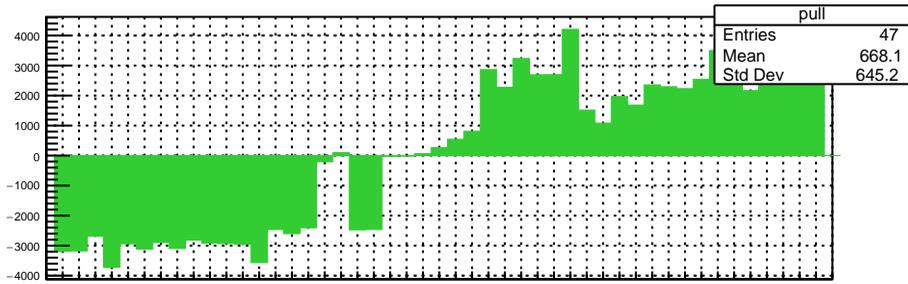
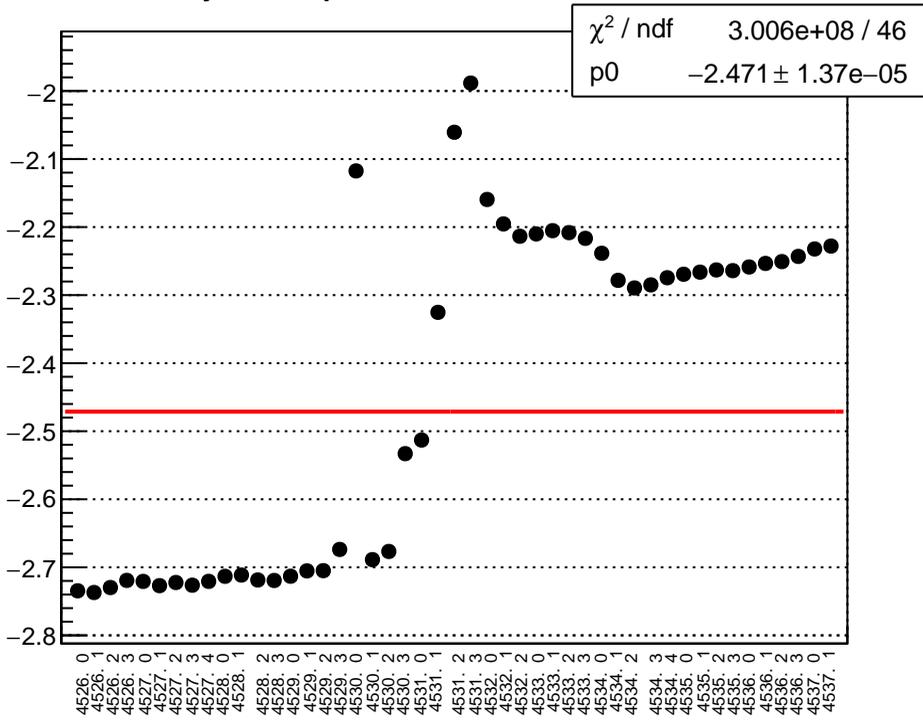
# yield\_bpm0102Y\_mean vs run



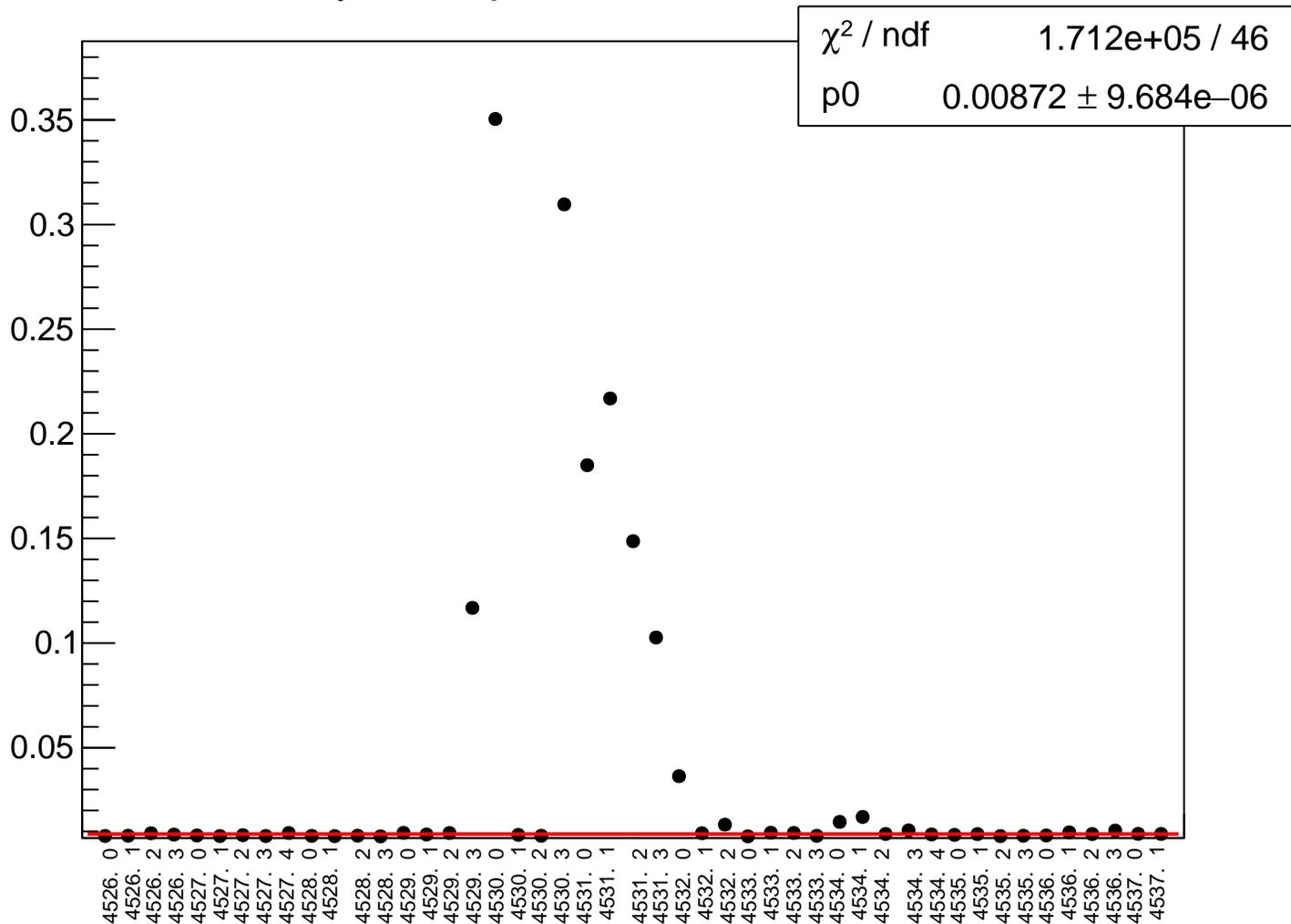
# yield\_bpm0l02Y\_rms vs run



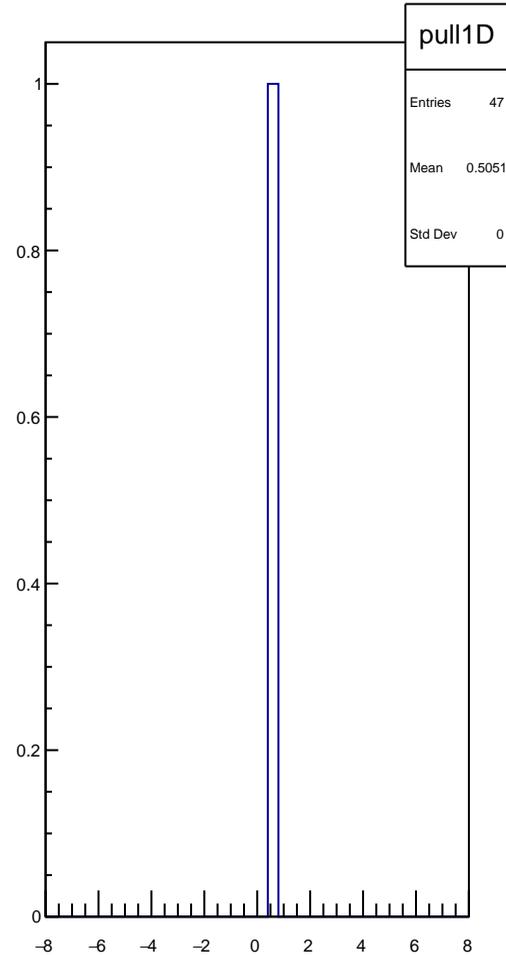
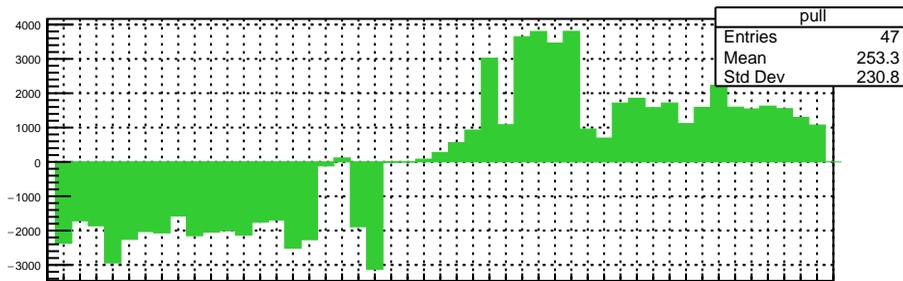
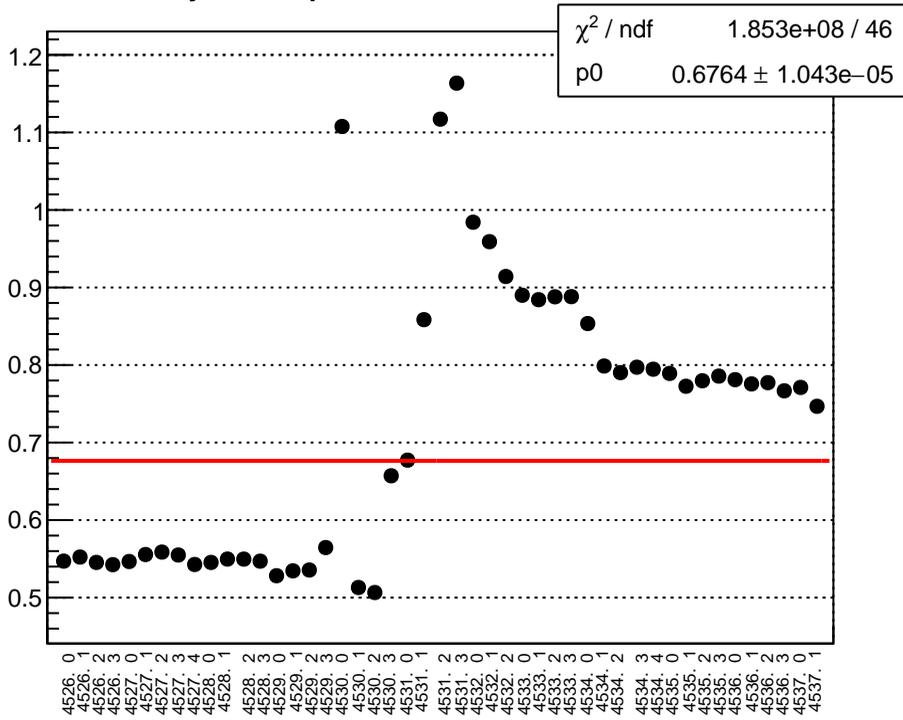
# yield\_bpm0l03X\_mean vs run



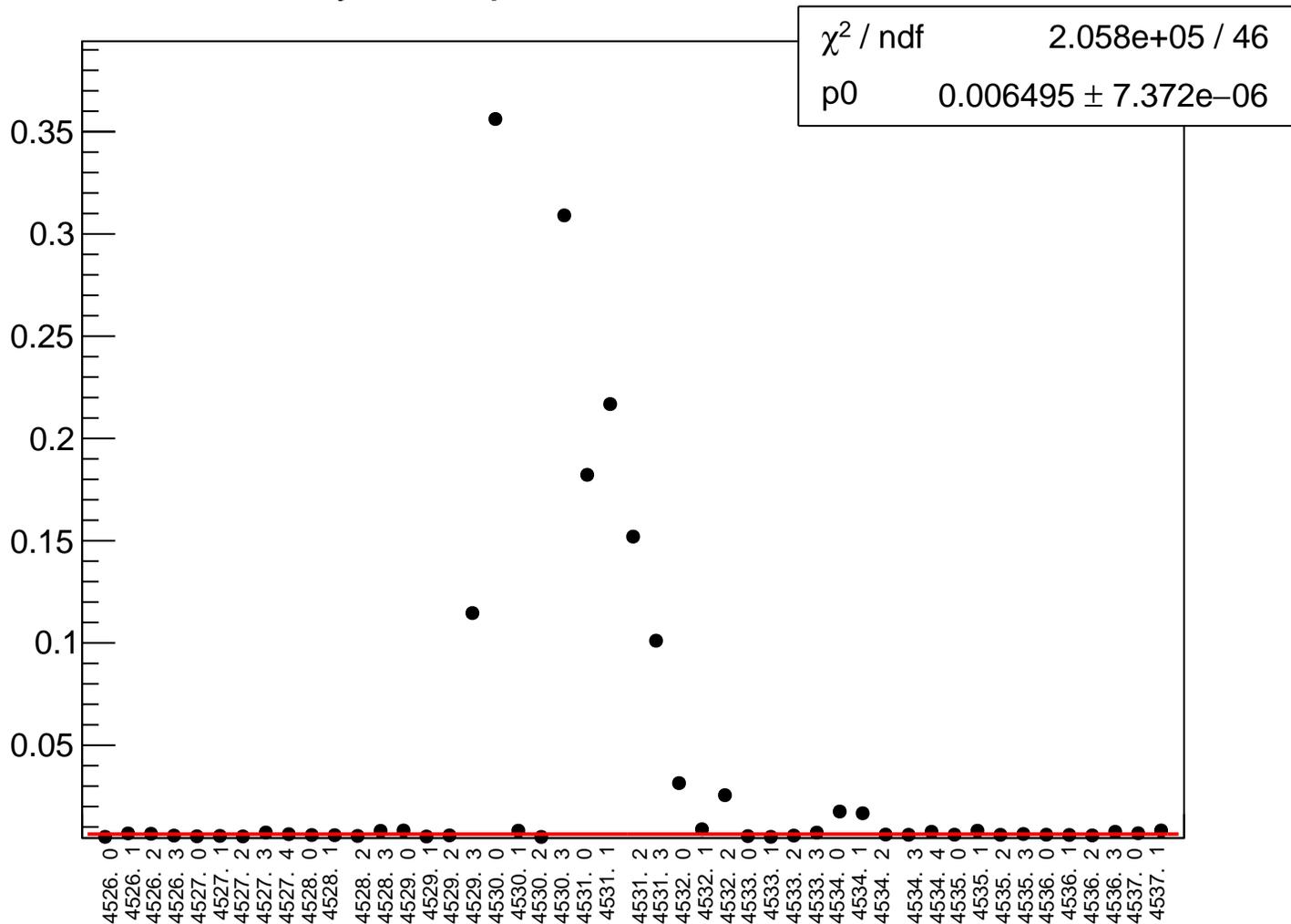
# yield\_bpm0l03X\_rms vs run



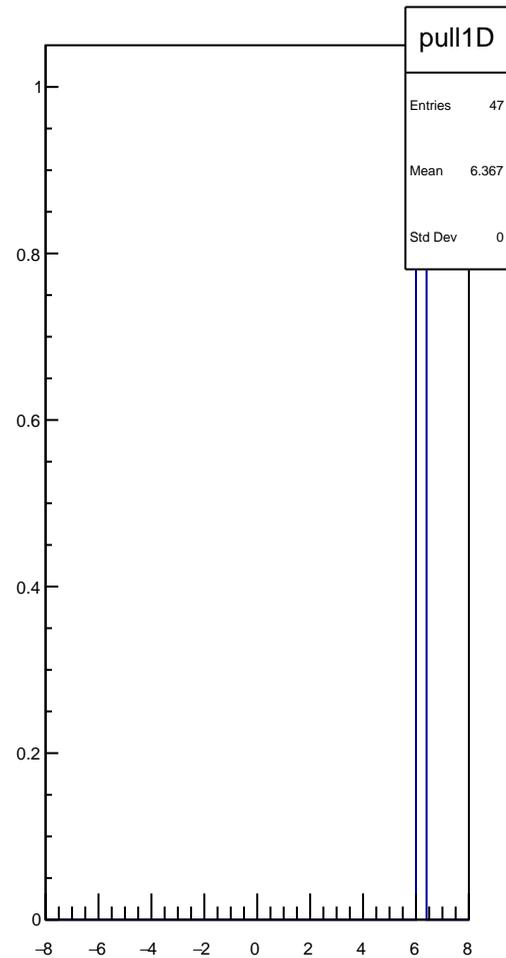
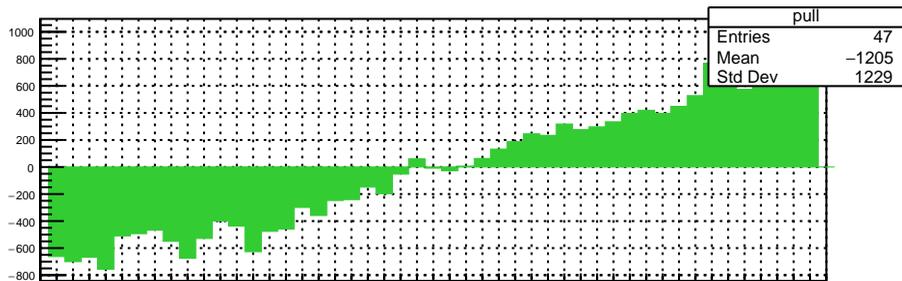
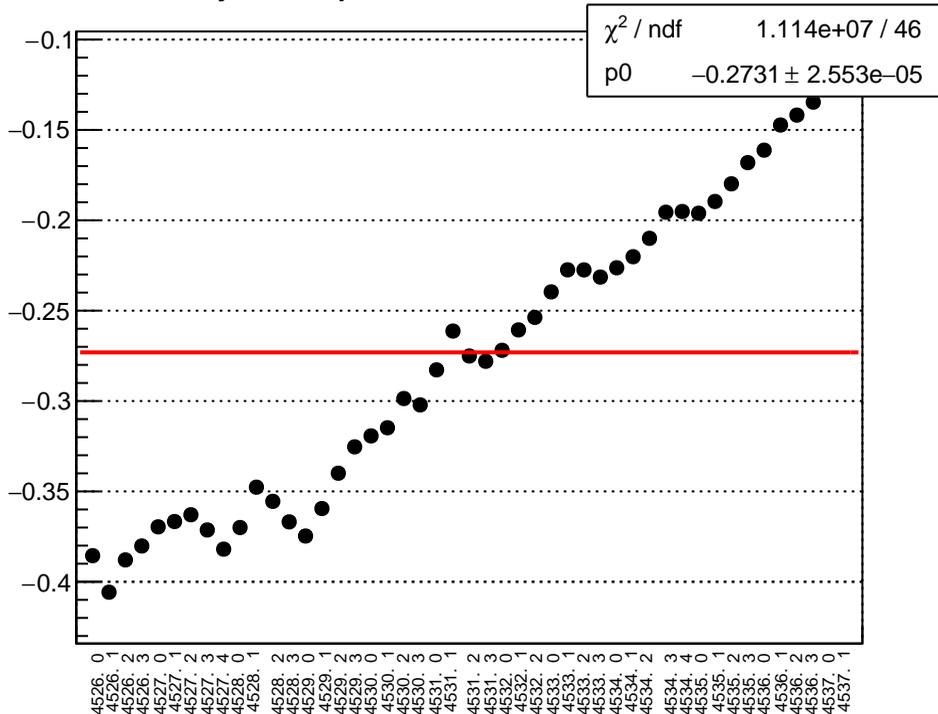
# yield\_bpm0103Y\_mean vs run



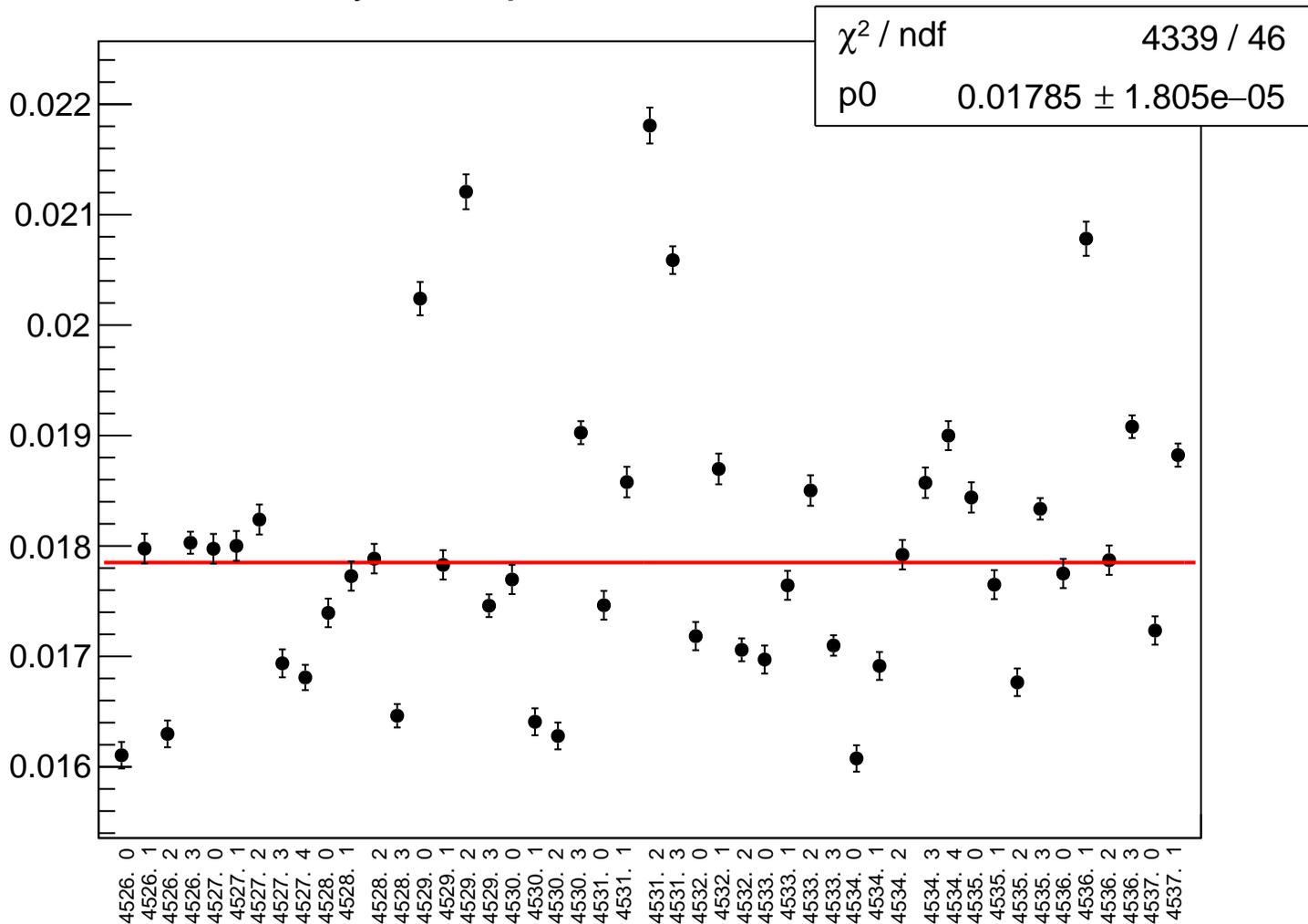
# yield\_bpm0l03Y\_rms vs run



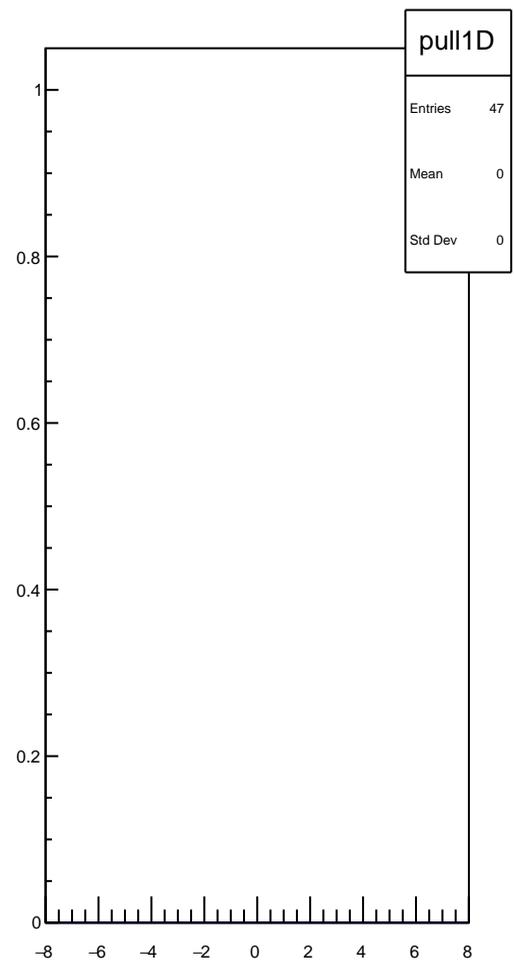
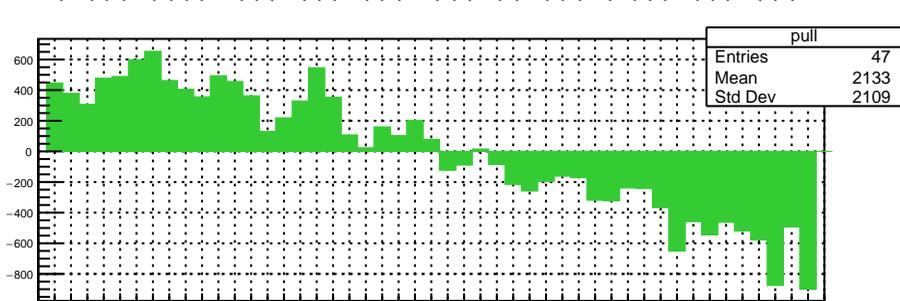
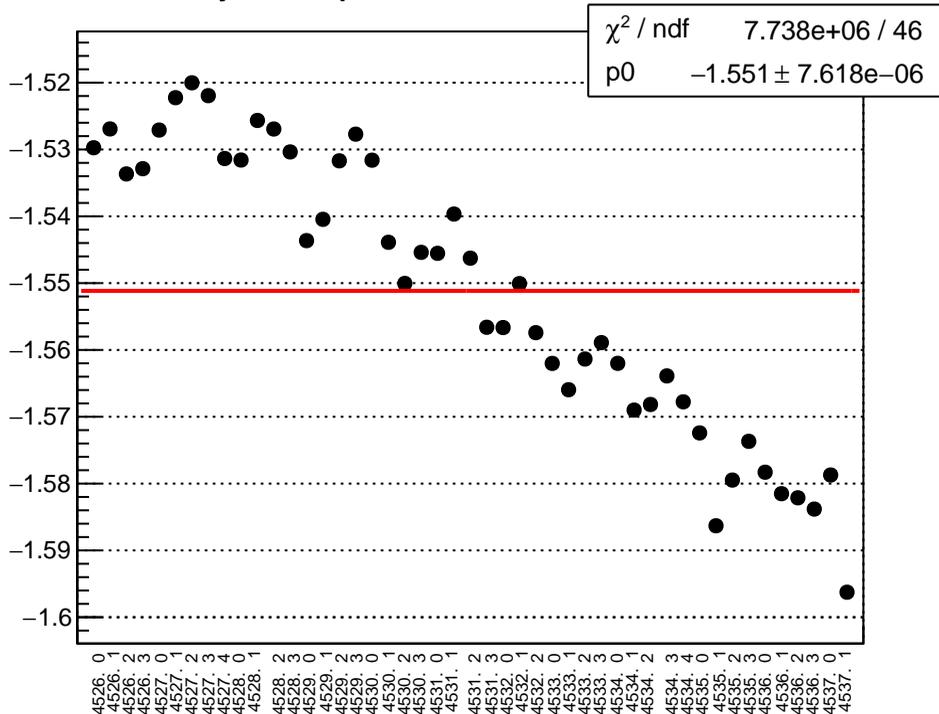
# yield\_bpm0104X\_mean vs run



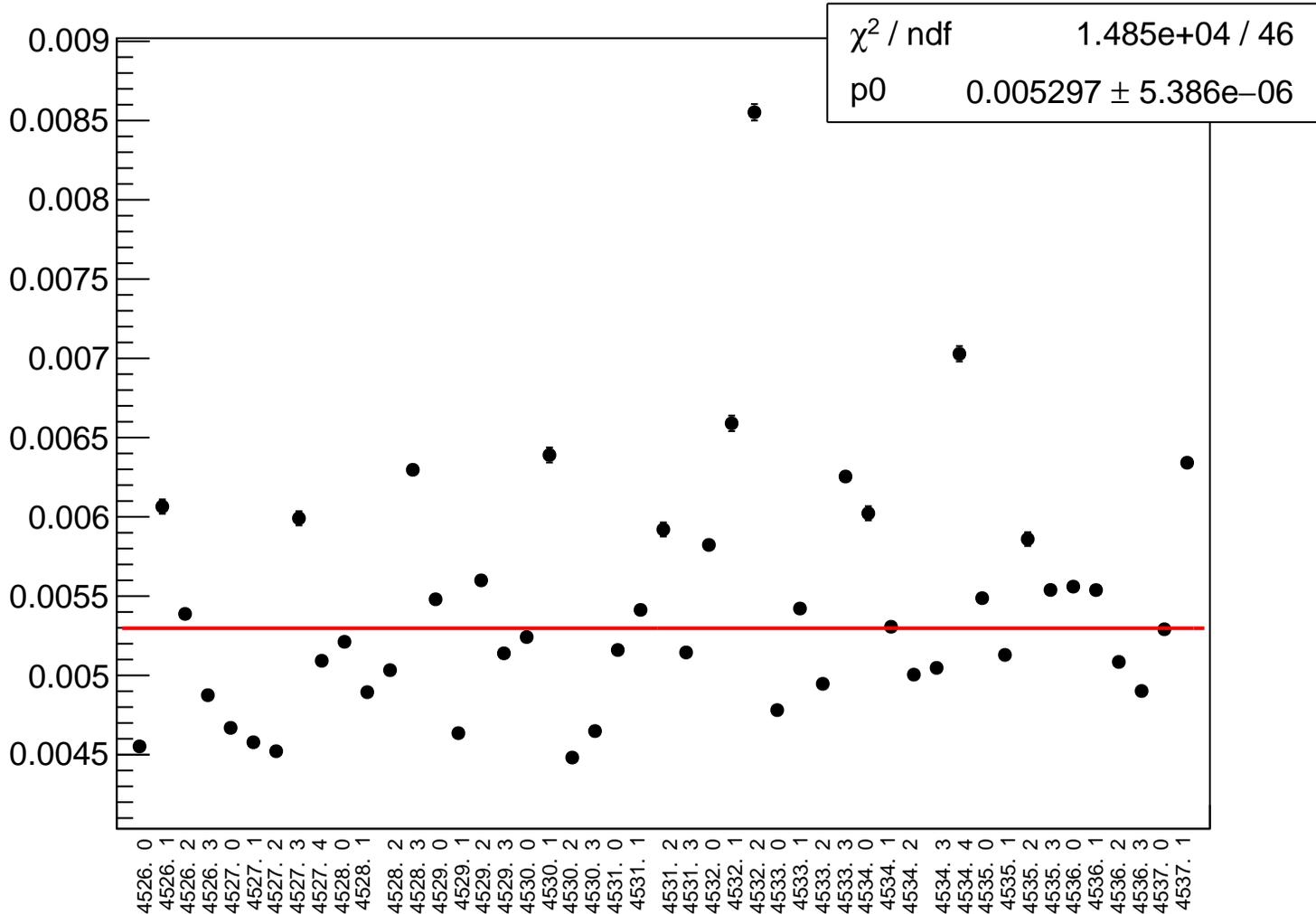
# yield\_bpm0l04X\_rms vs run



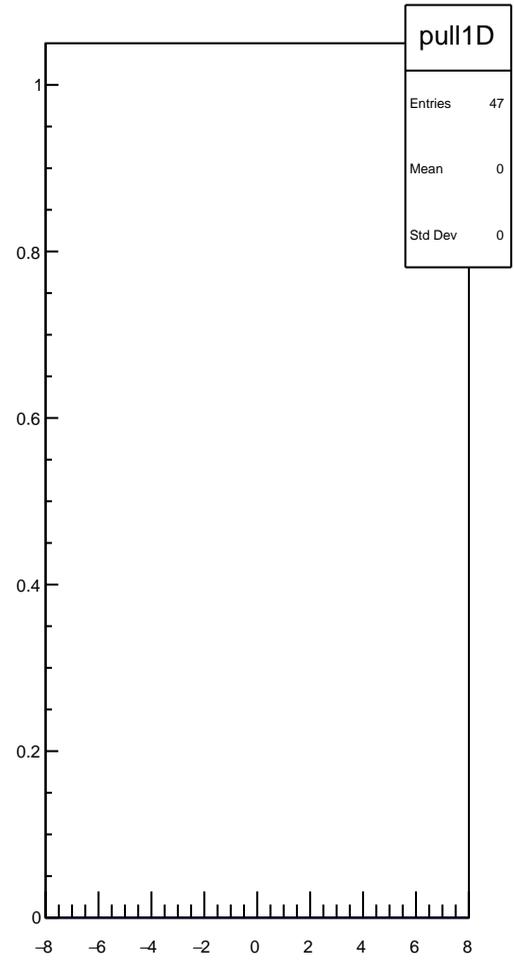
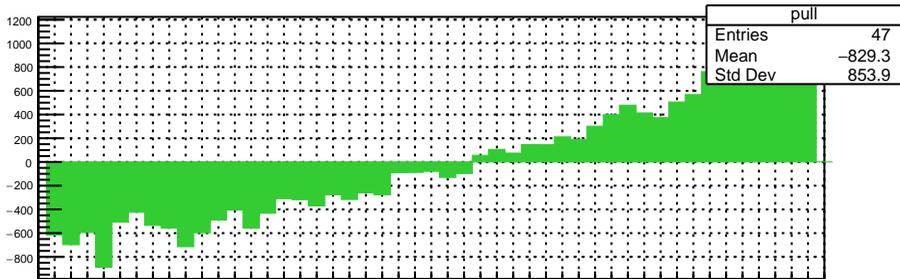
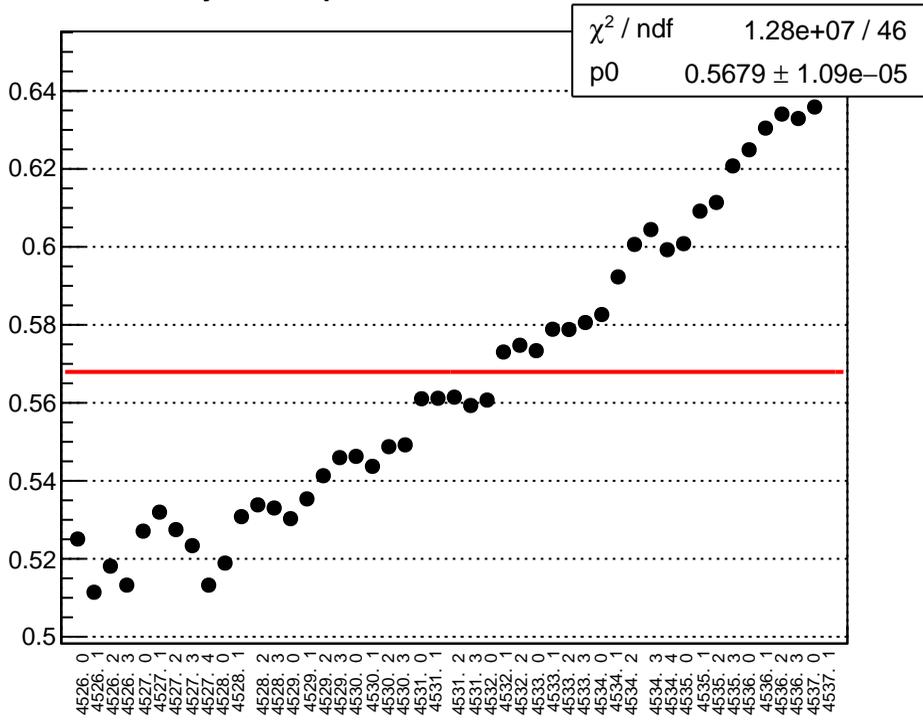
# yield\_bpm0104Y\_mean vs run



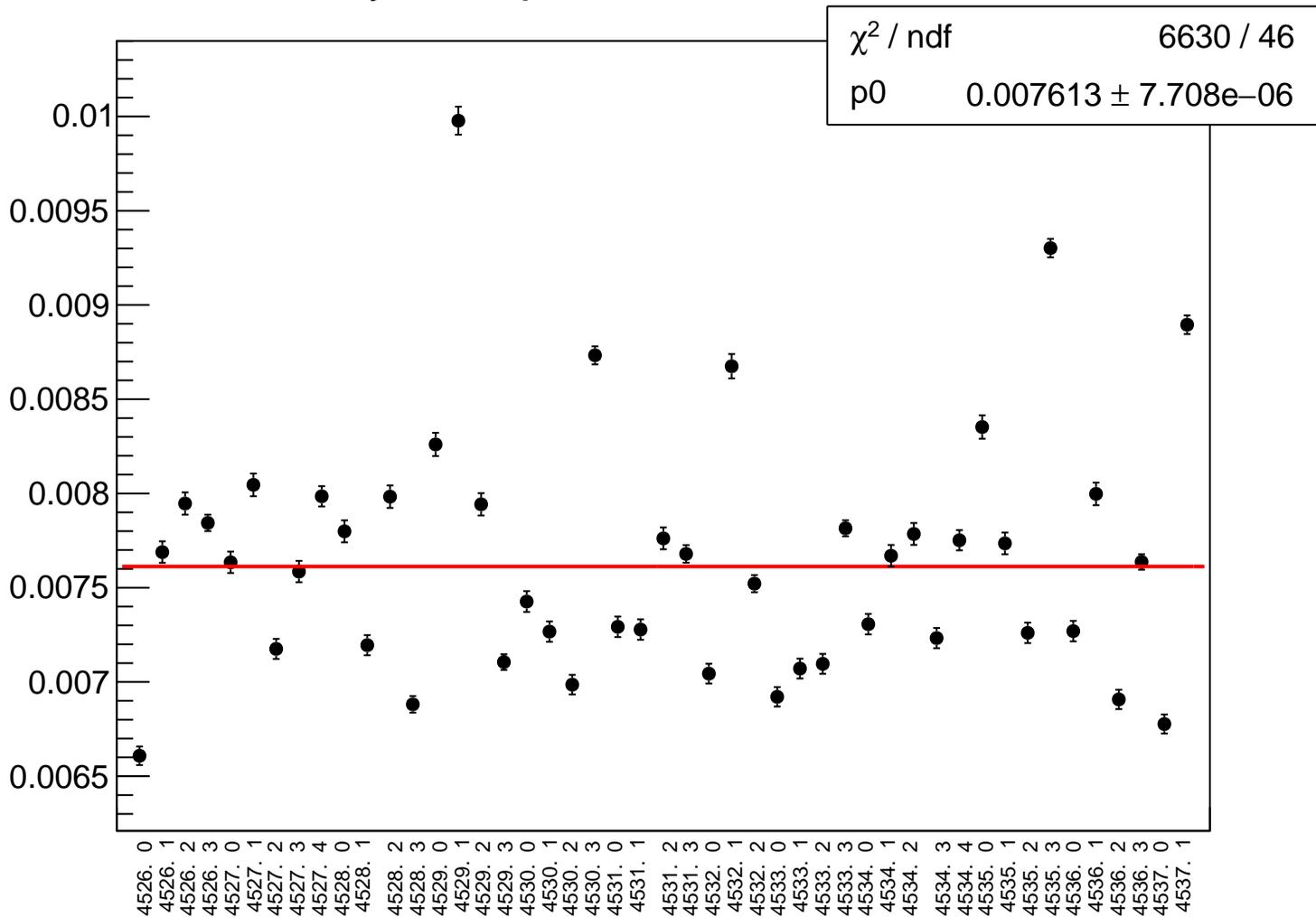
# yield\_bpm0l04Y\_rms vs run



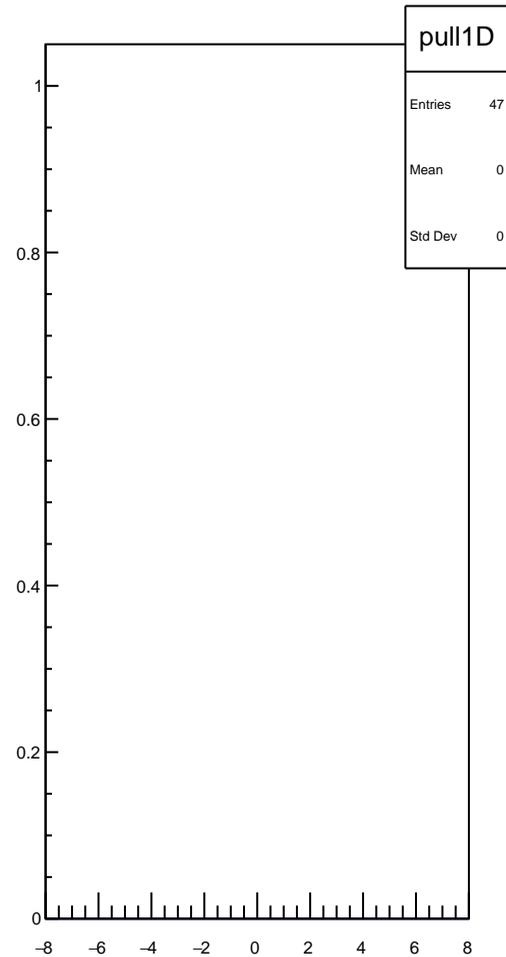
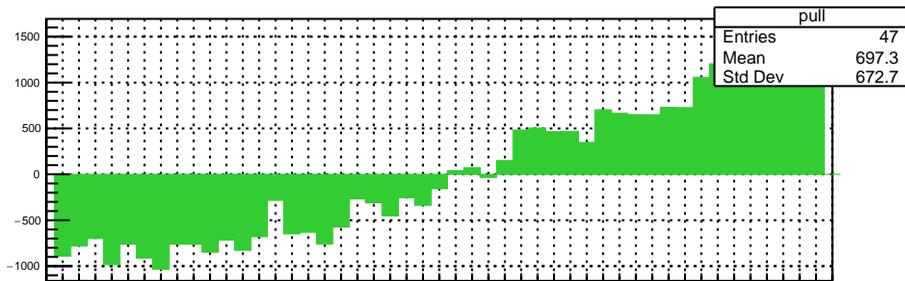
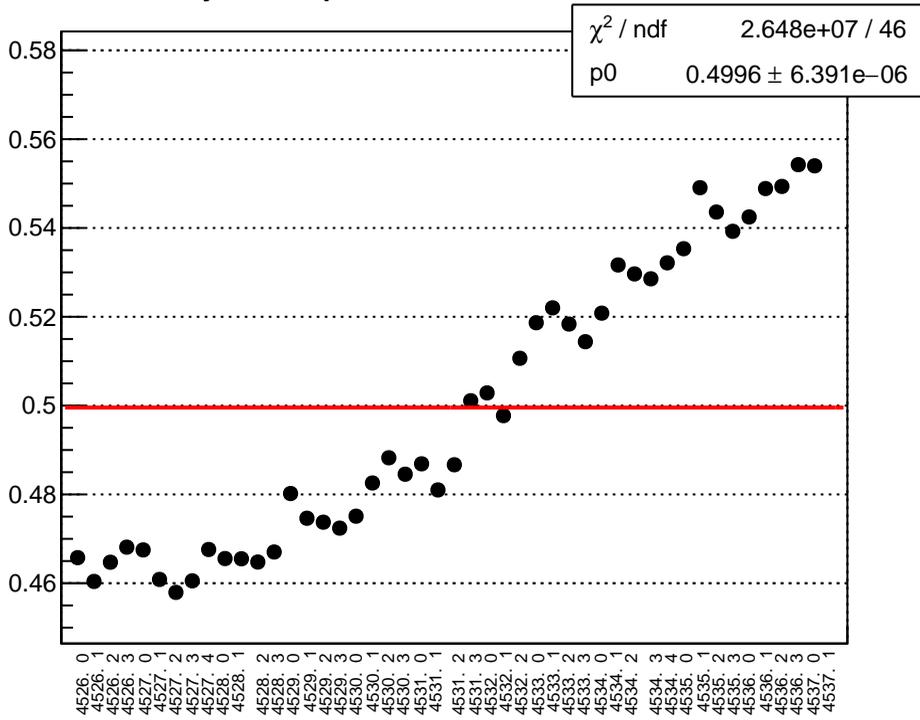
# yield\_bpm0105X\_mean vs run



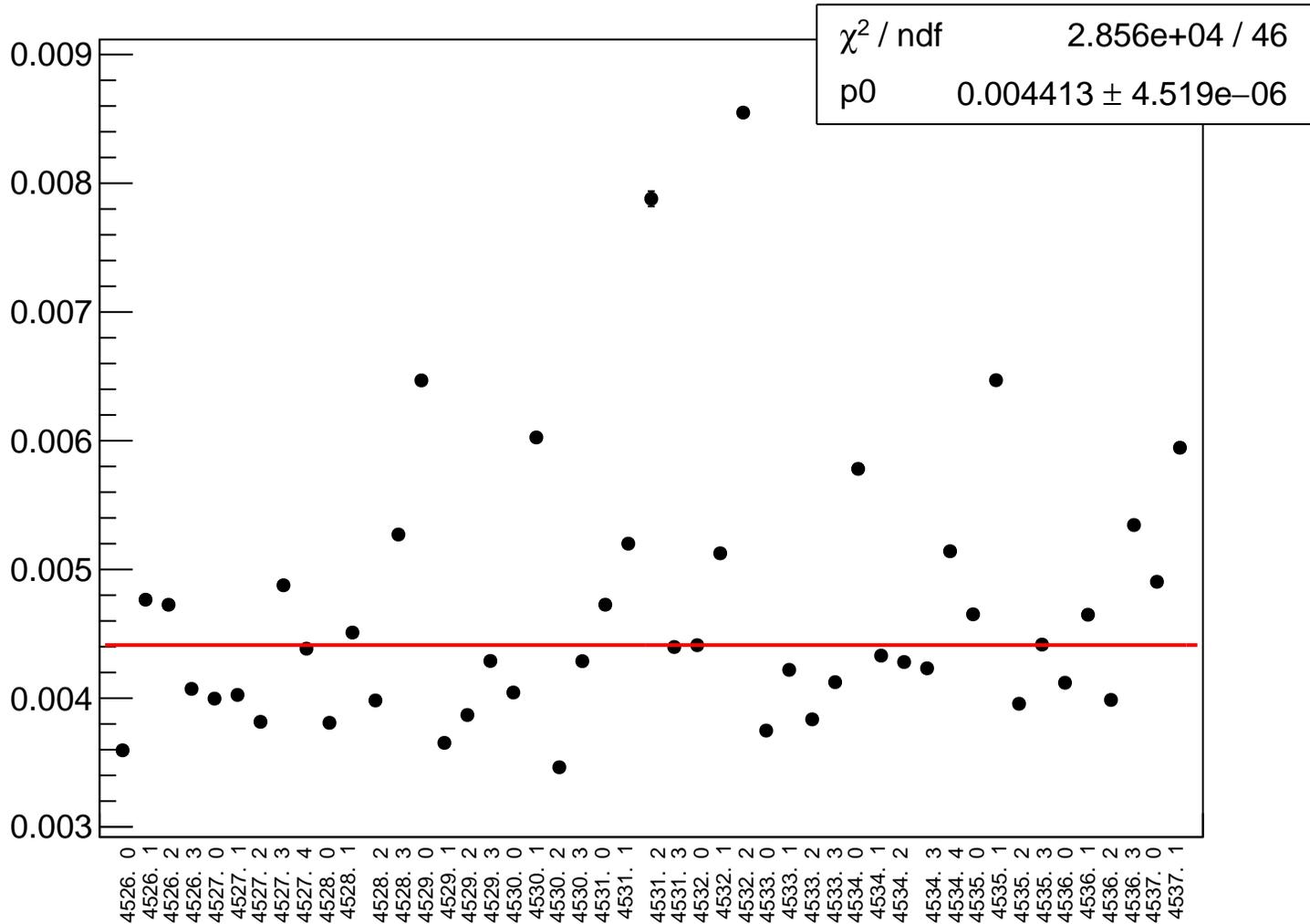
# yield\_bpm0l05X\_rms vs run



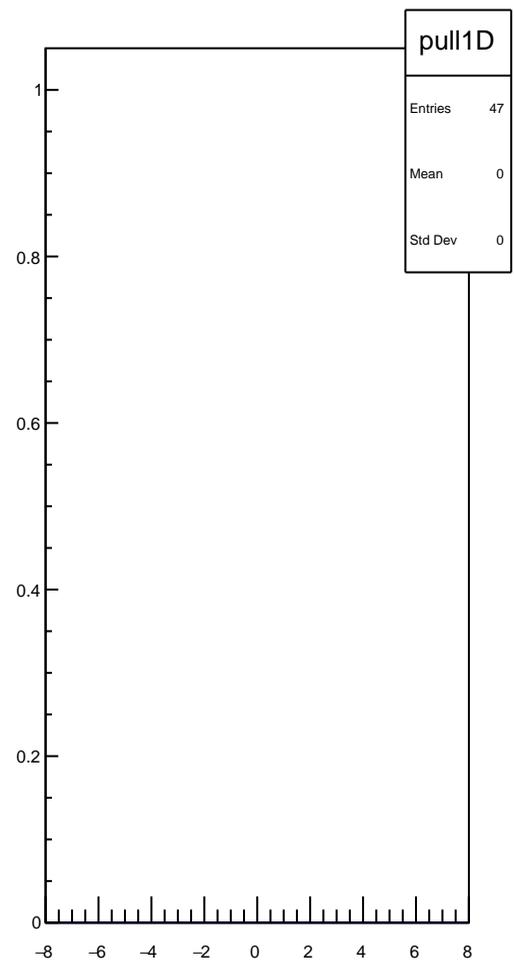
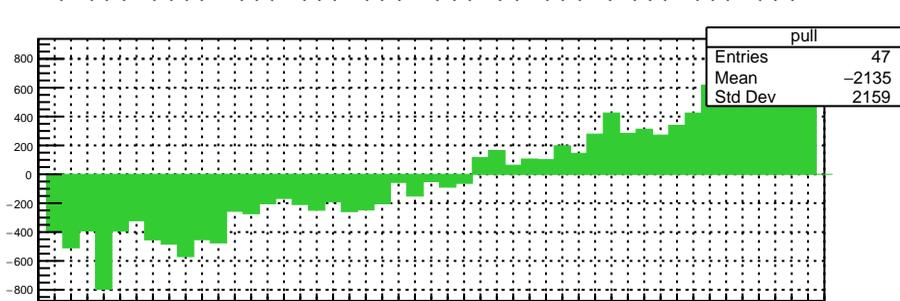
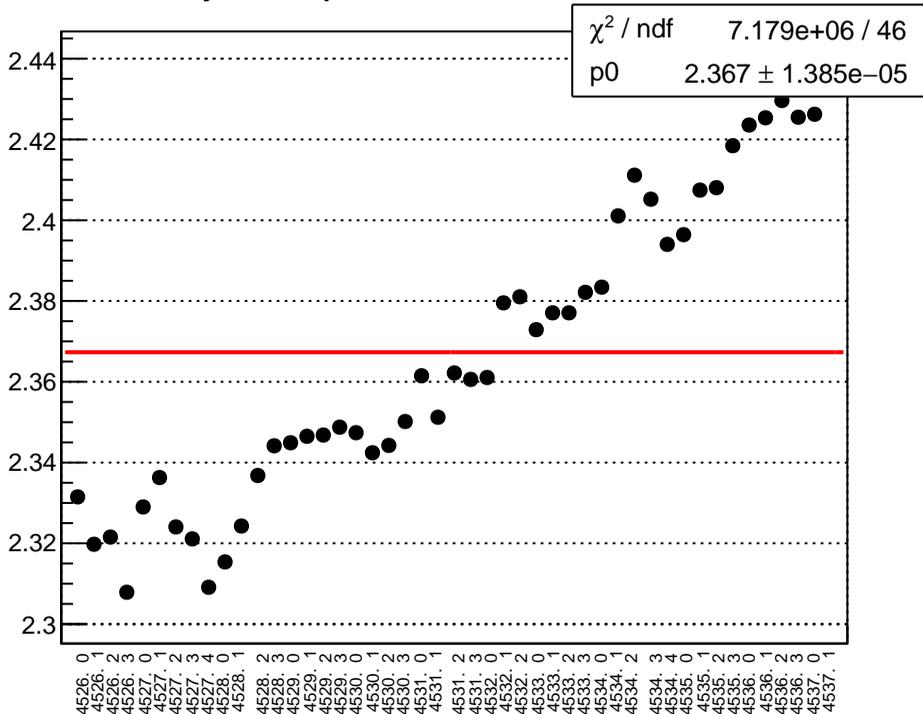
# yield\_bpm0105Y\_mean vs run



# yield\_bpm0l05Y\_rms vs run



# yield\_bpm0106X\_mean vs run



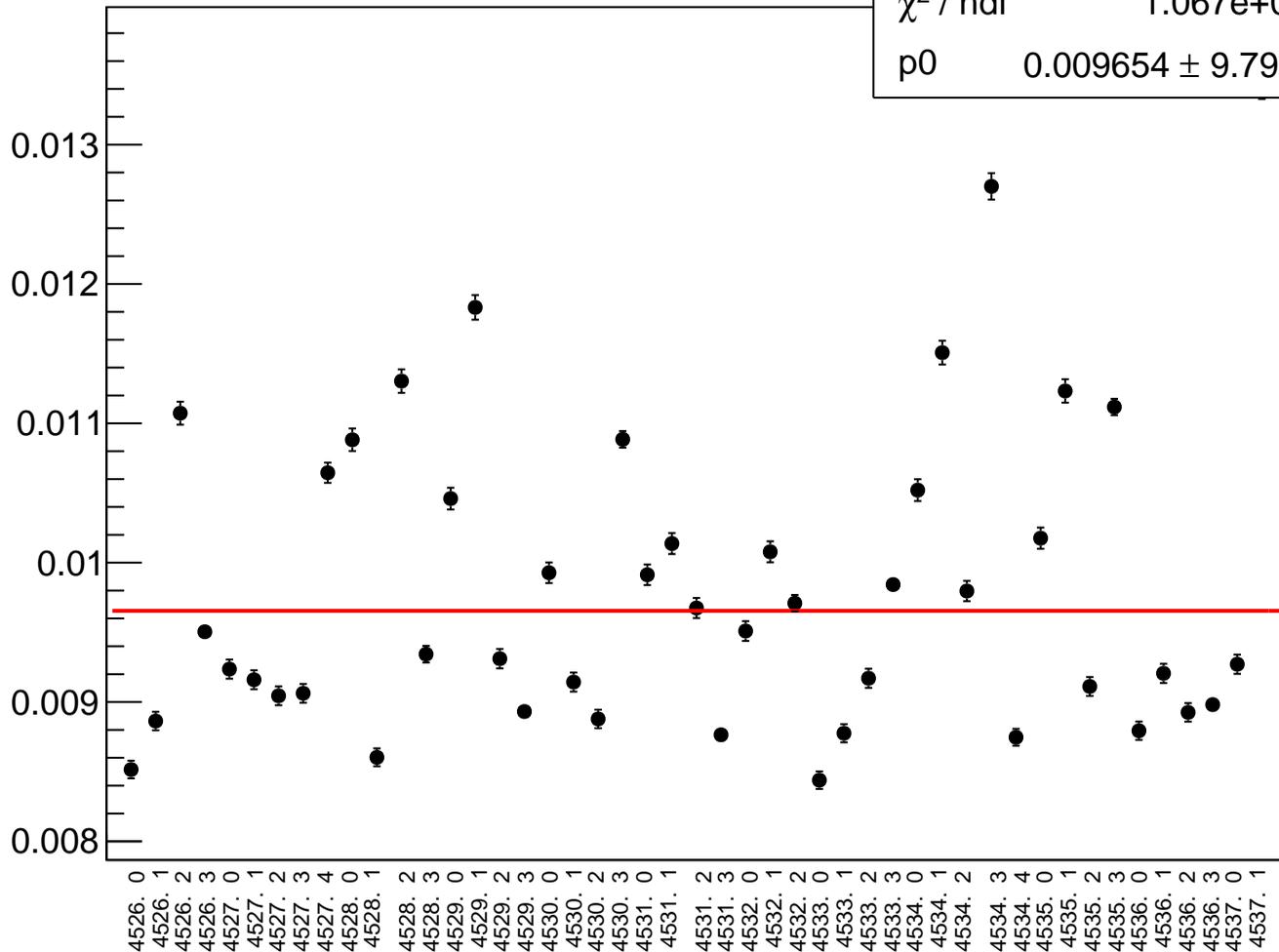
# yield\_bpm0l06X\_rms vs run

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

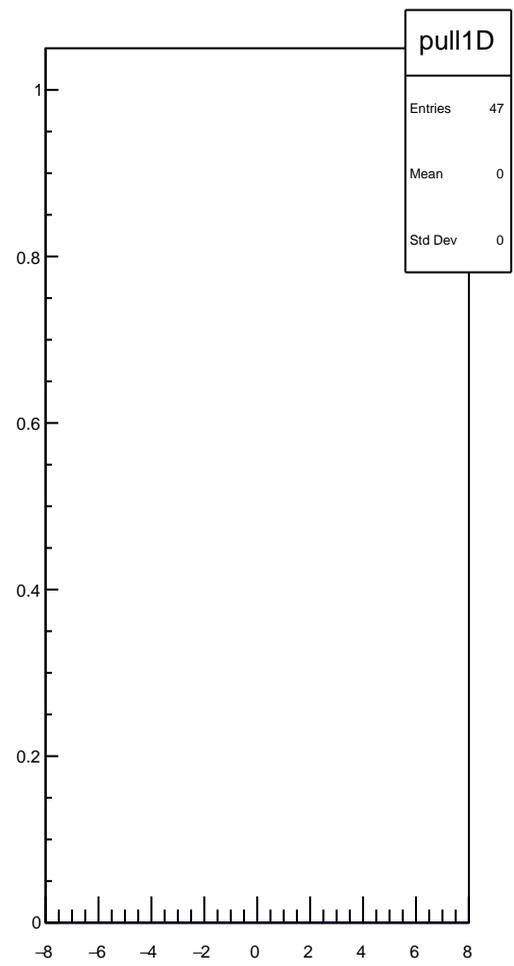
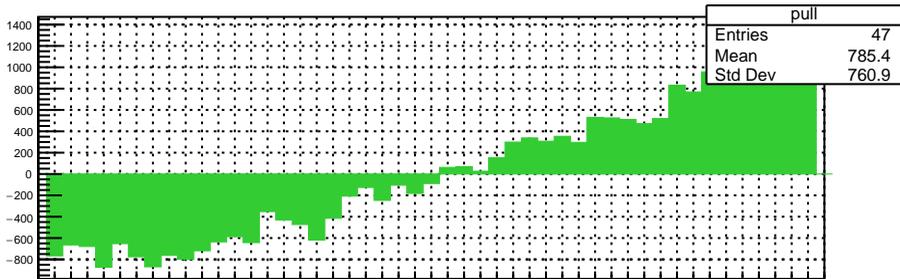
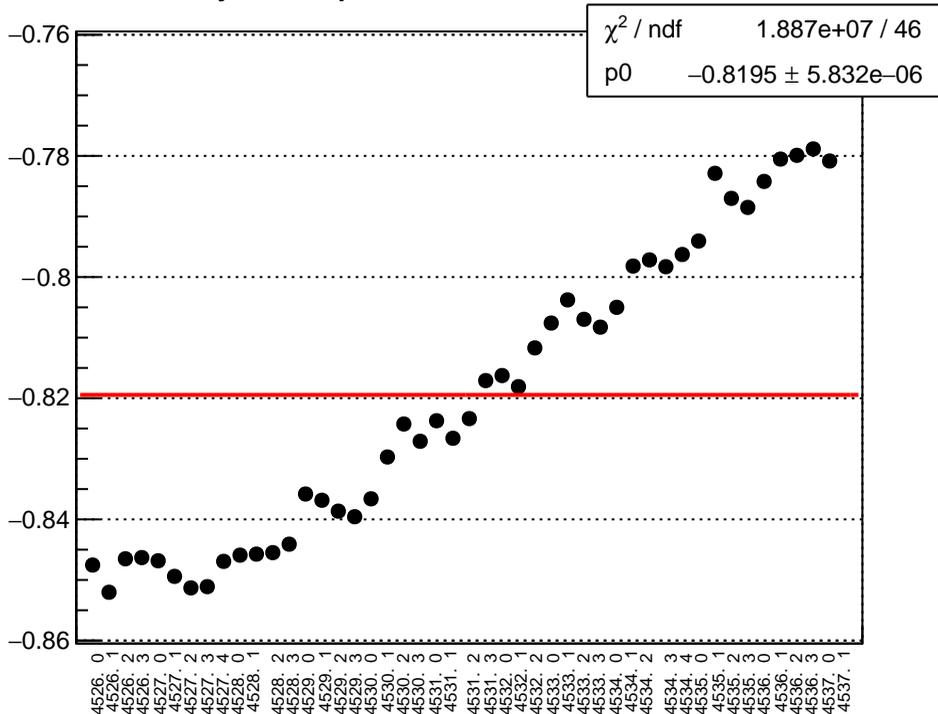
1.067e+04 / 46

p0

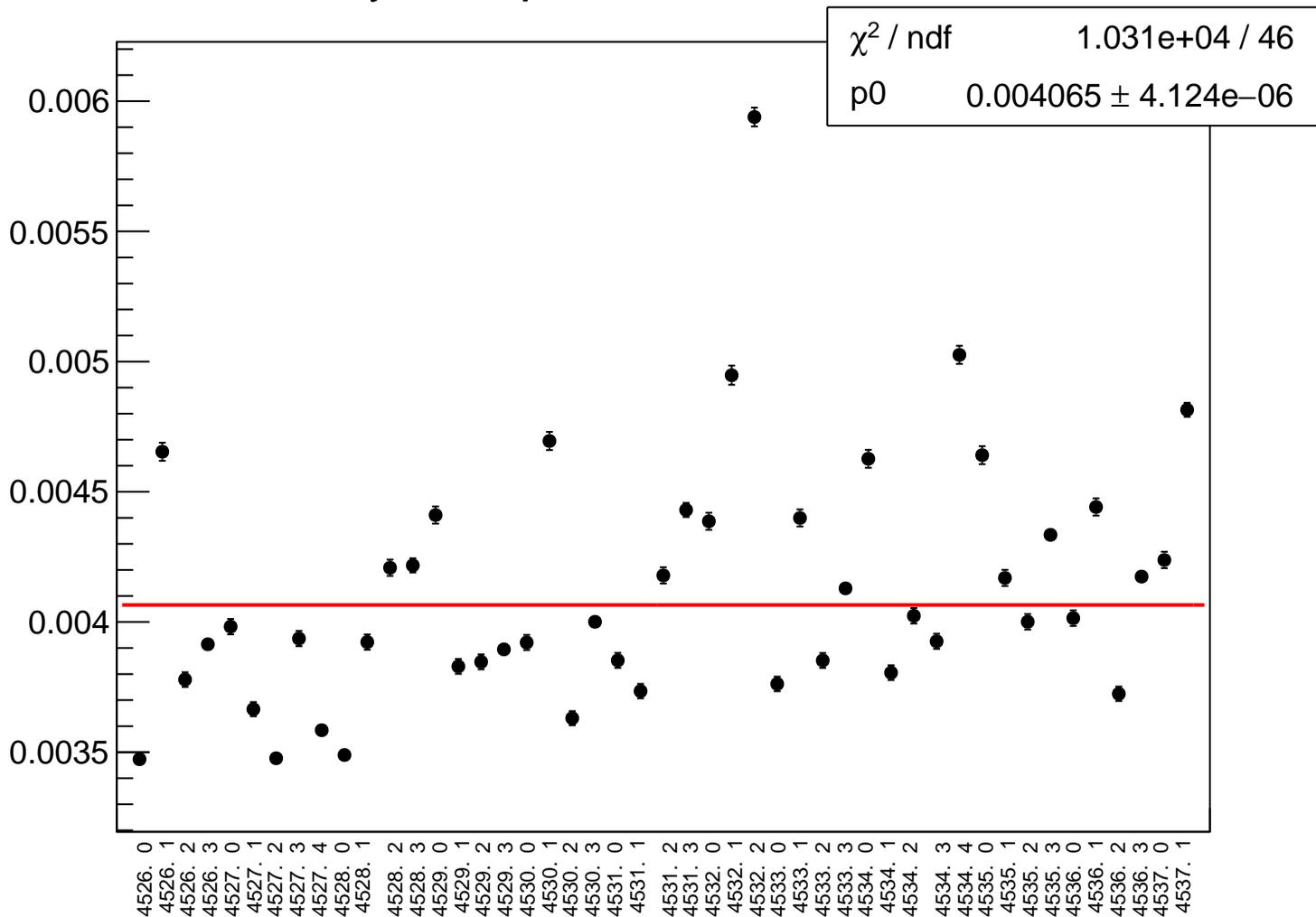
0.009654  $\pm$  9.796e-06



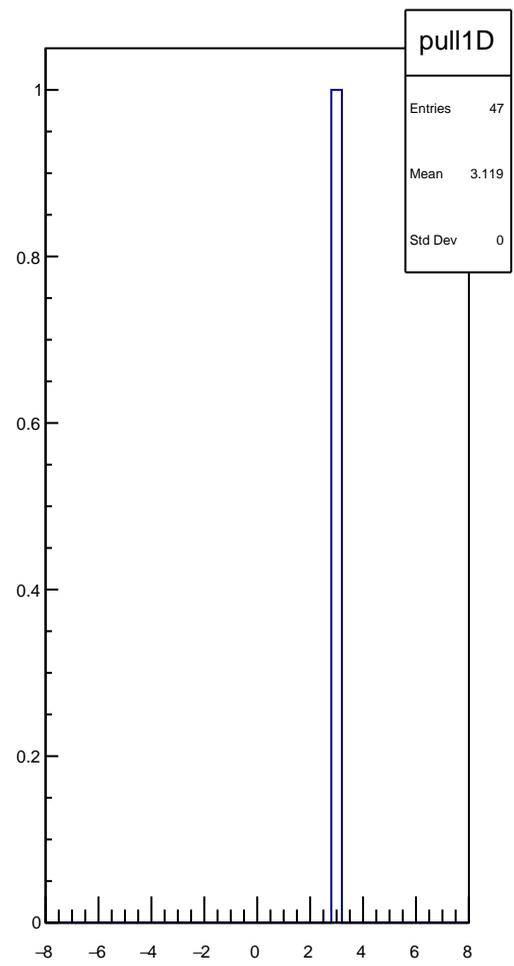
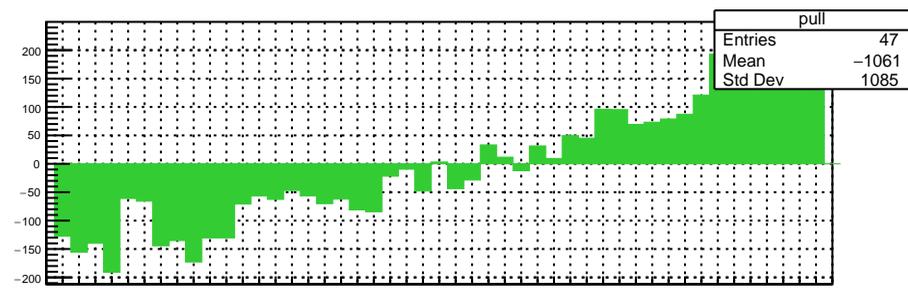
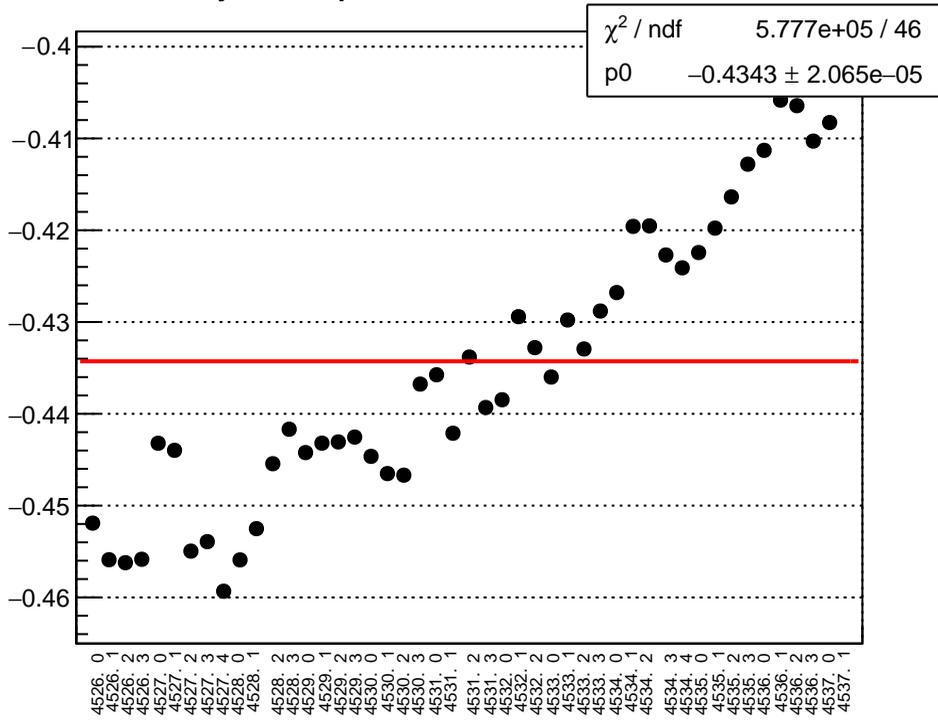
# yield\_bpm0I06Y\_mean vs run



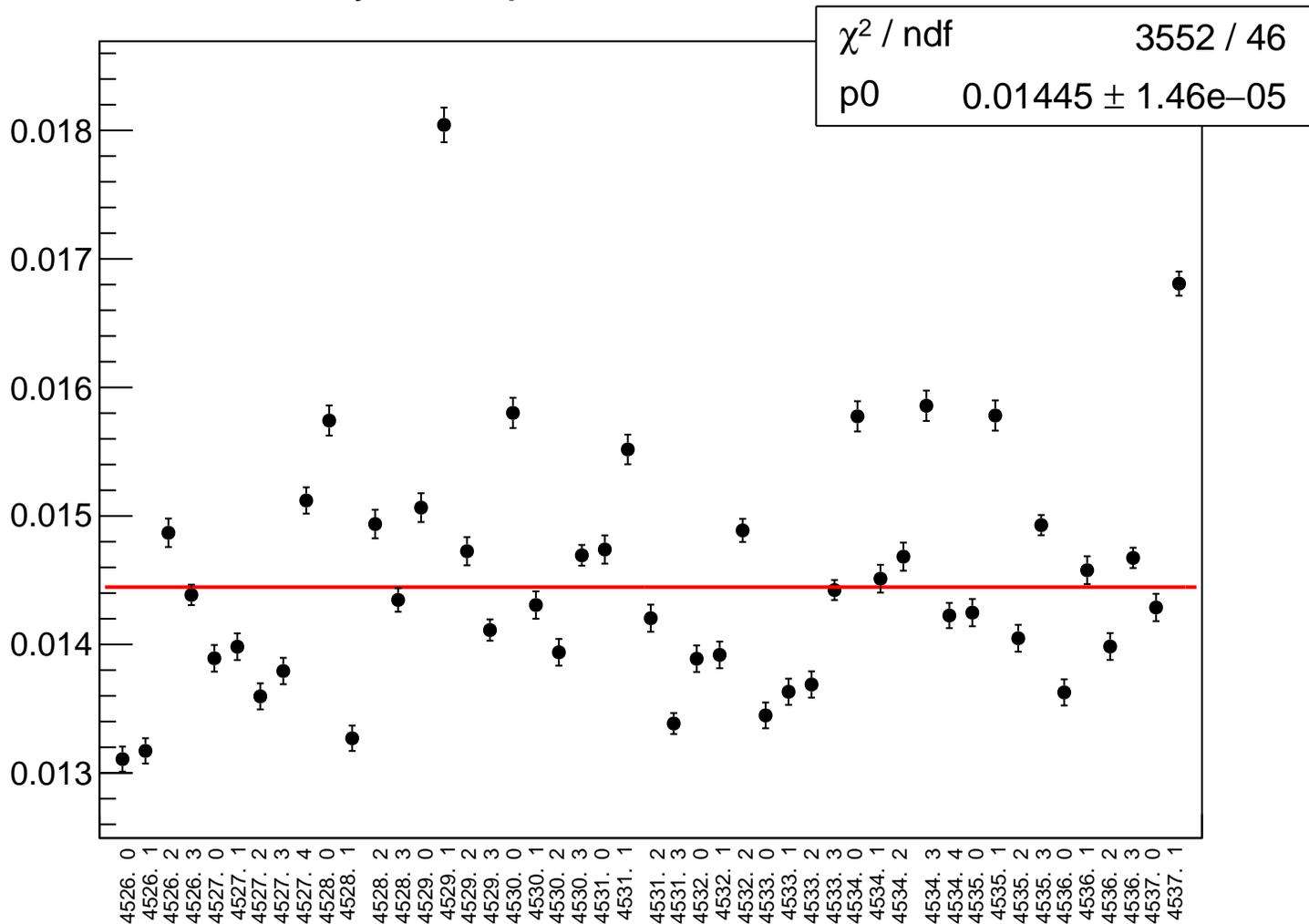
# yield\_bpm0l06Y\_rms vs run



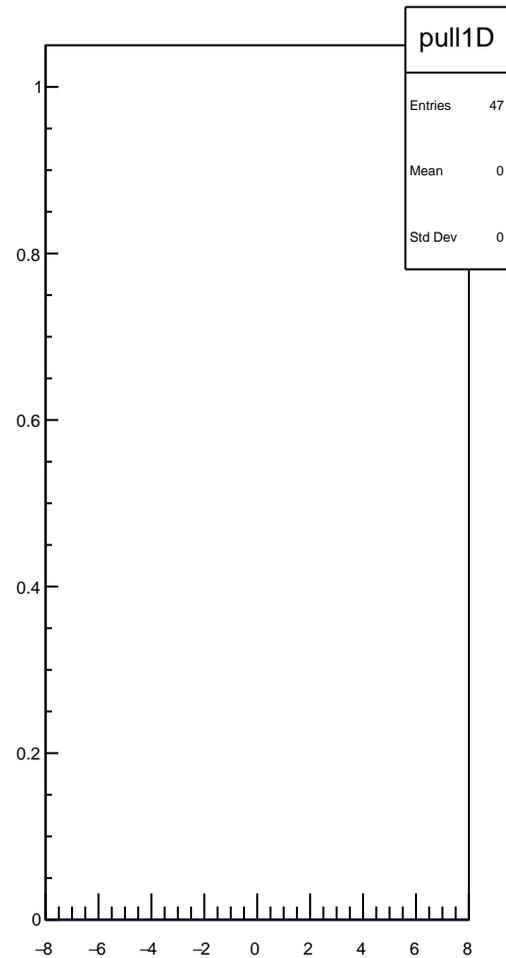
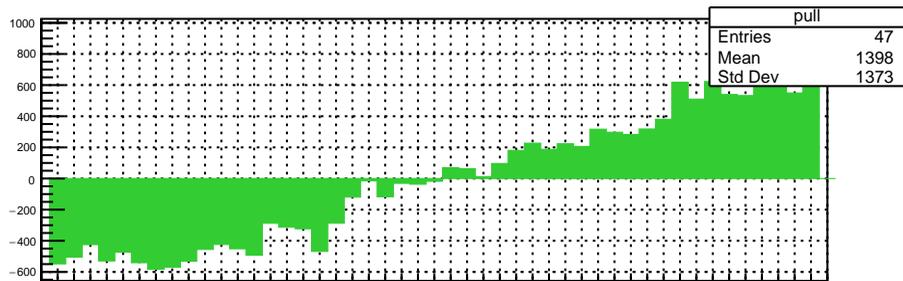
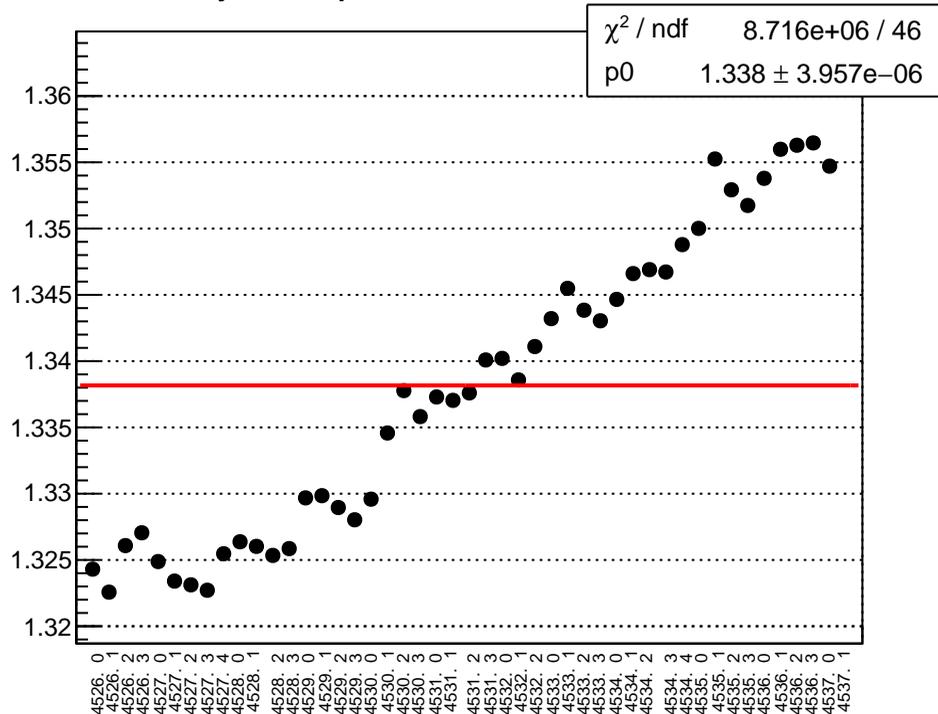
# yield\_bpm0107X\_mean vs run



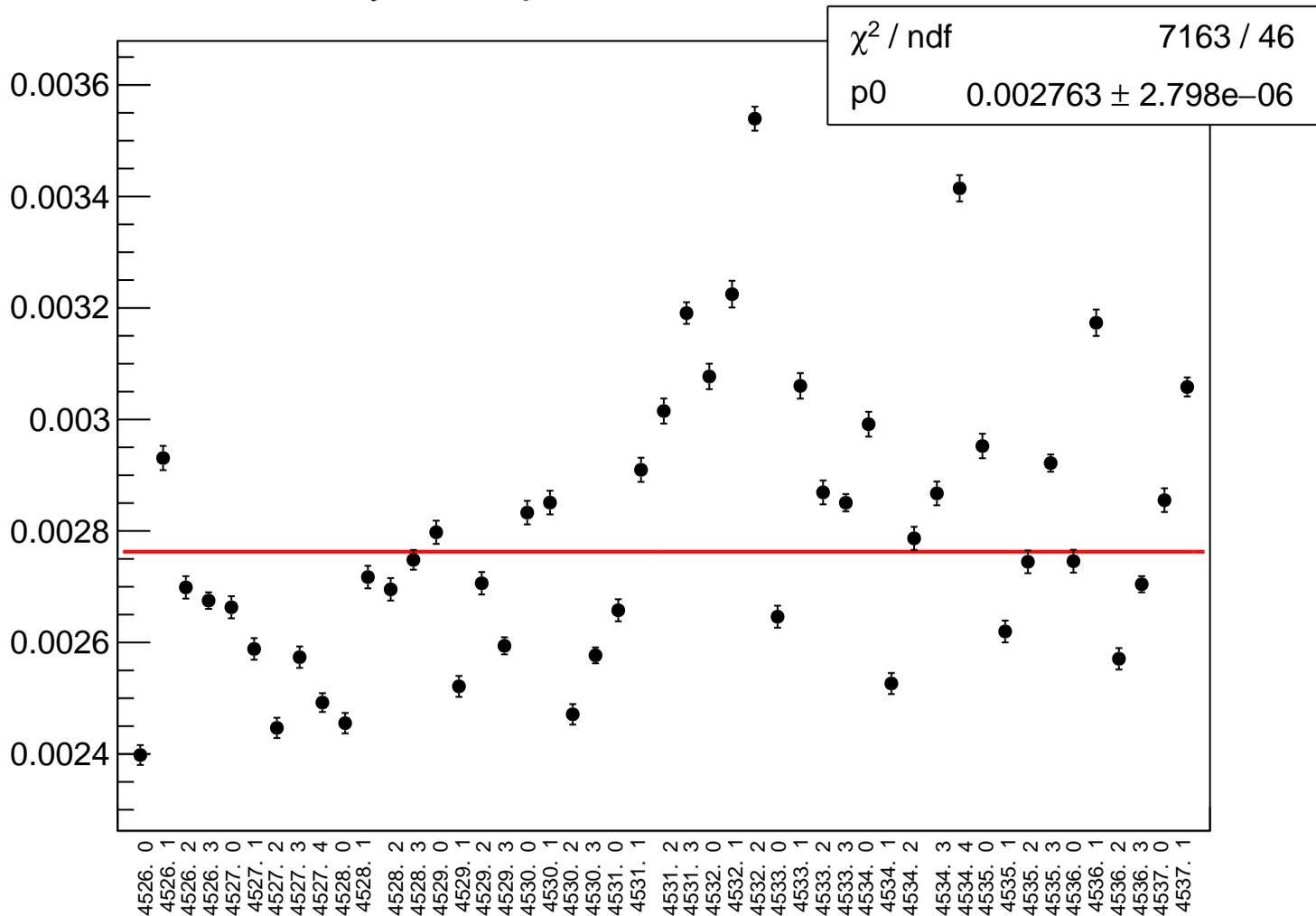
# yield\_bpm0l07X\_rms vs run



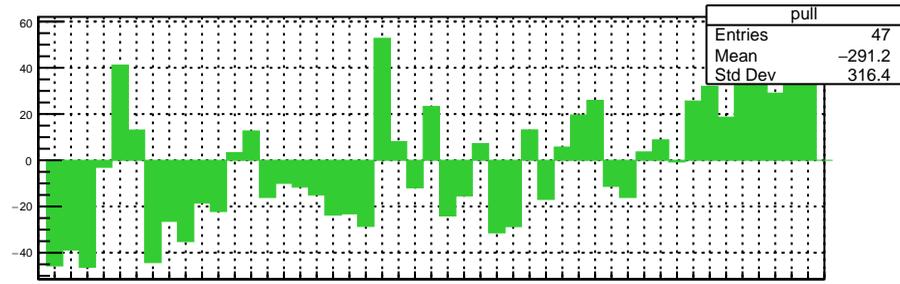
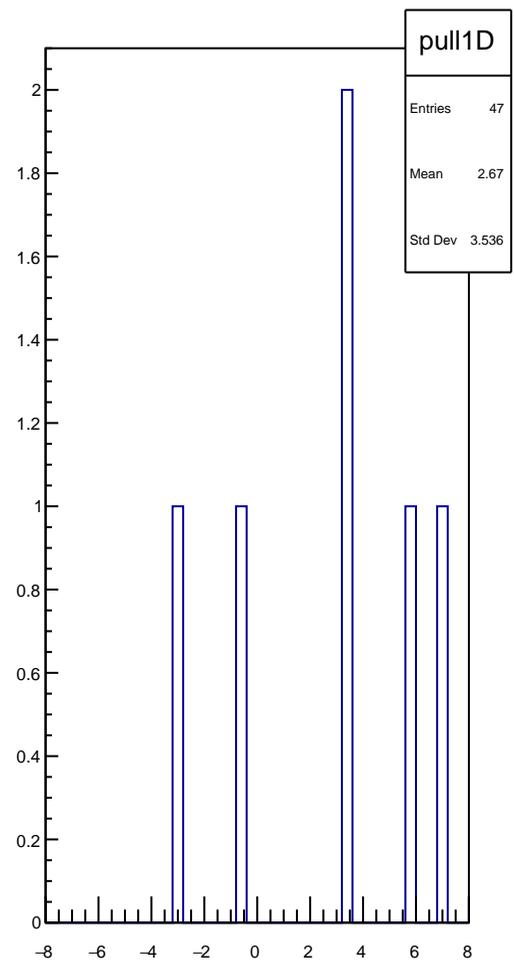
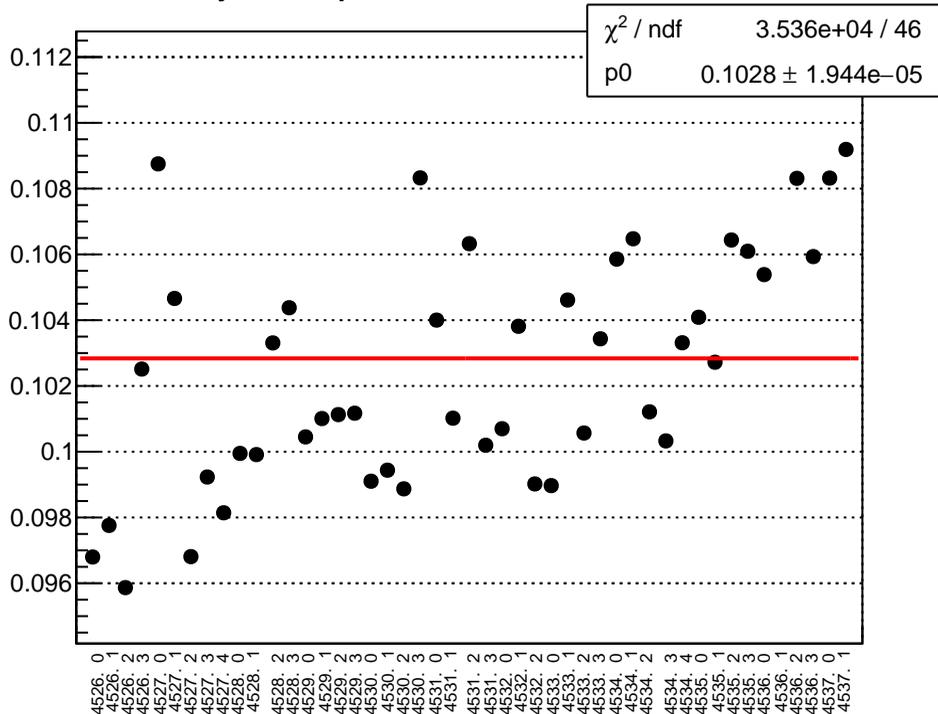
# yield\_bpm0107Y\_mean vs run



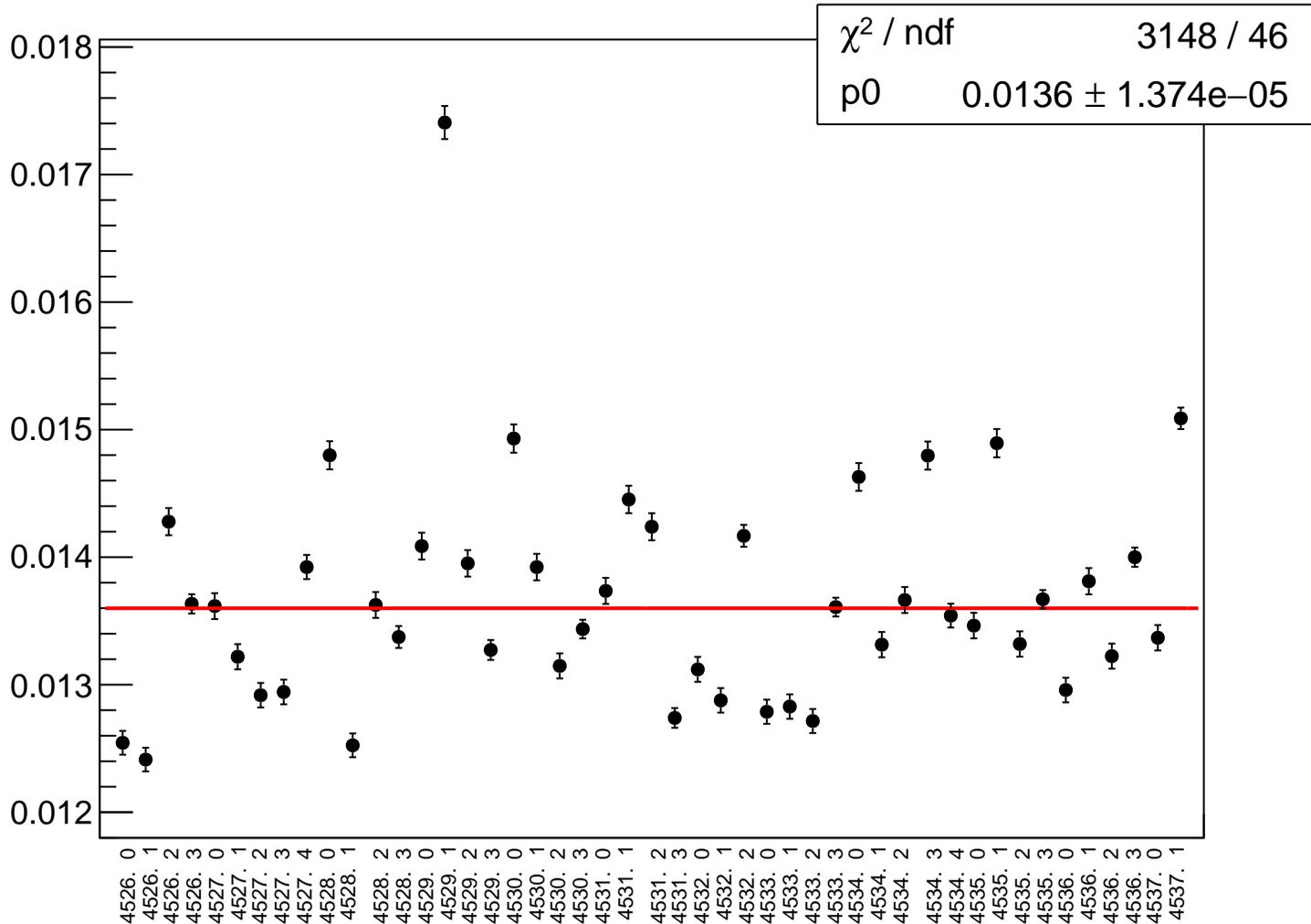
# yield\_bpm0l07Y\_rms vs run



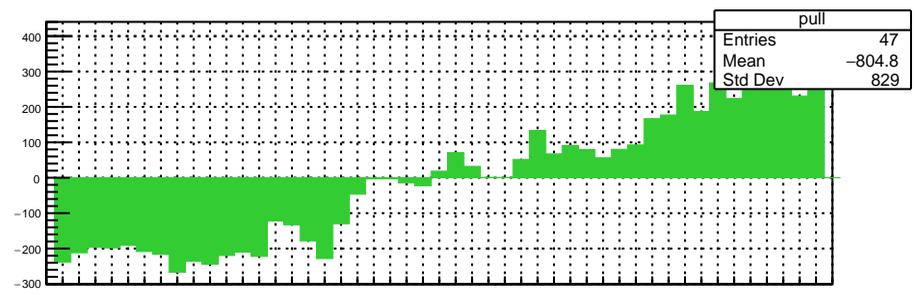
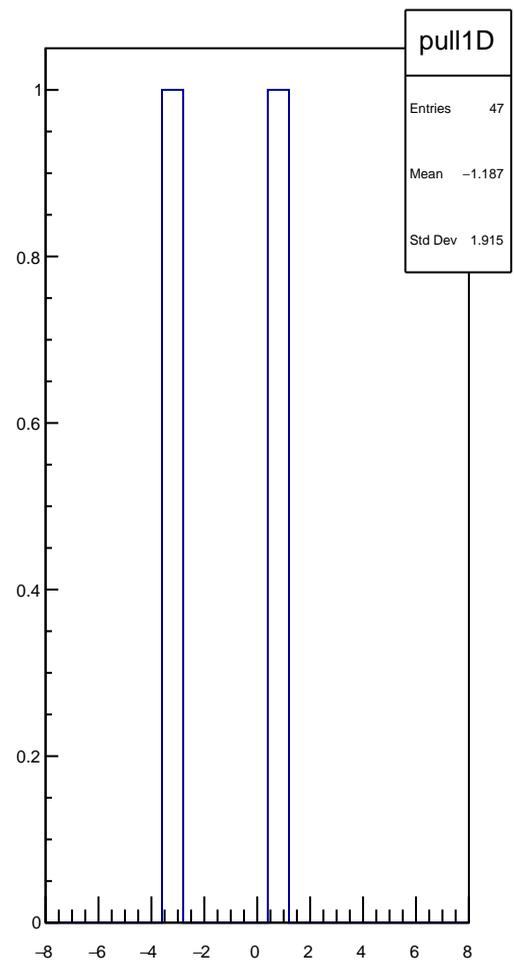
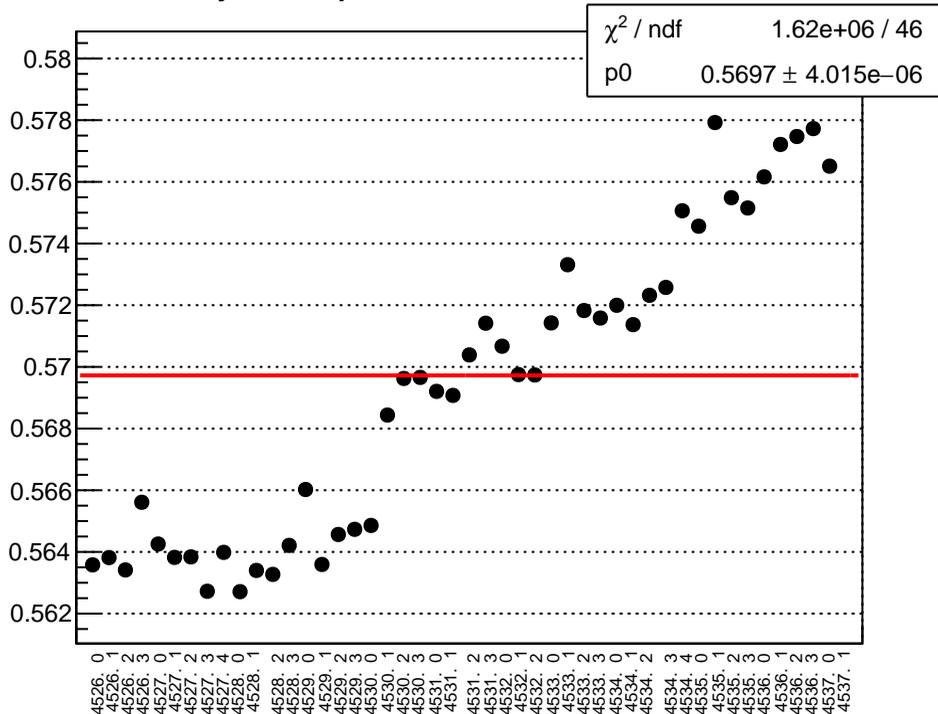
# yield\_bpm0108X\_mean vs run



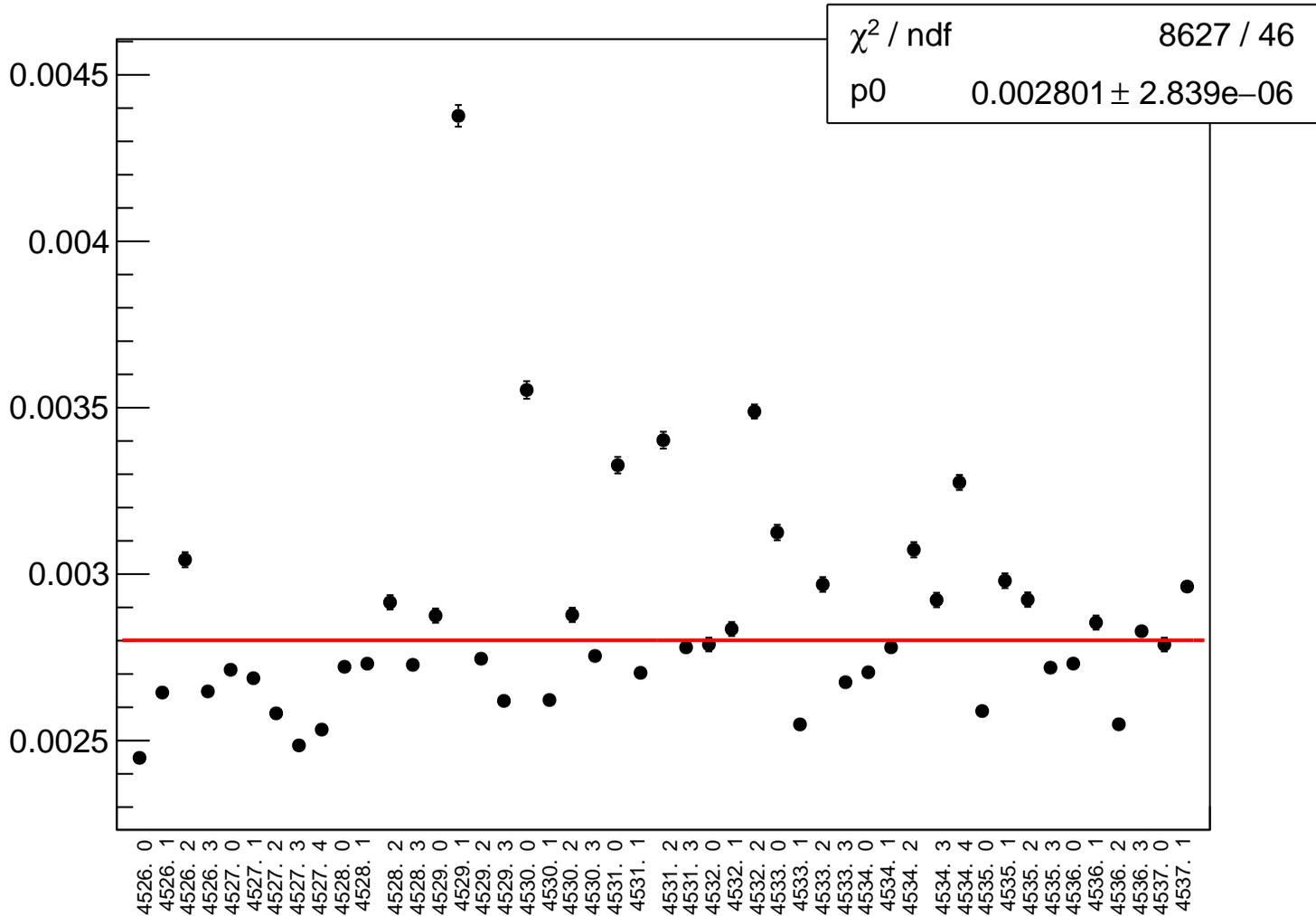
# yield\_bpm0l08X\_rms vs run



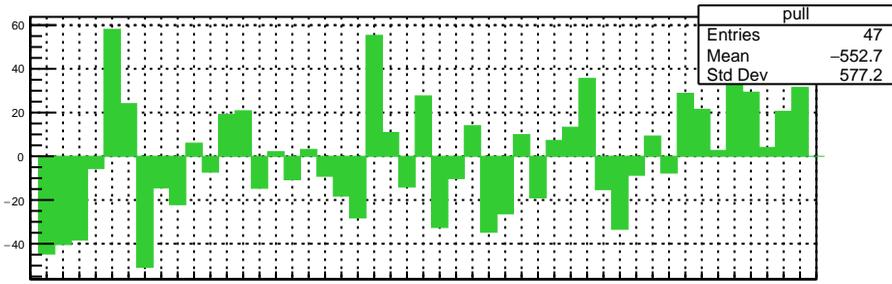
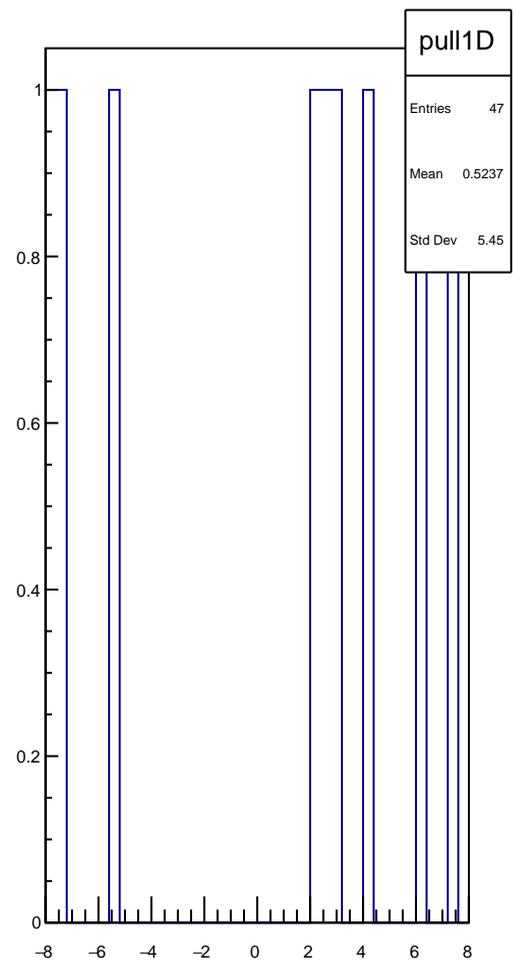
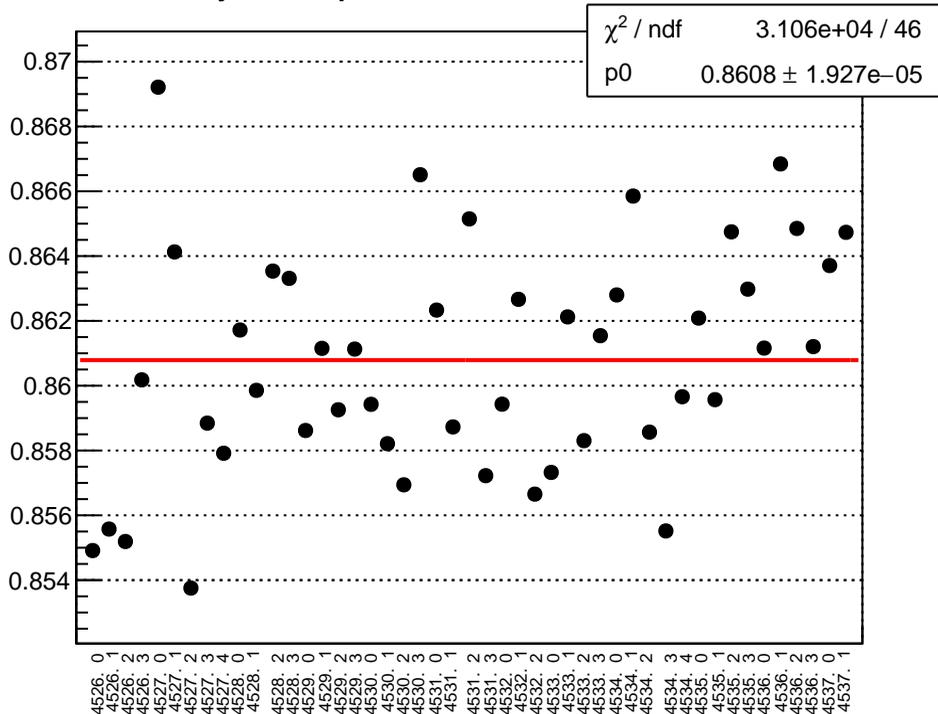
# yield\_bpm0108Y\_mean vs run



# yield\_bpm0l08Y\_rms vs run

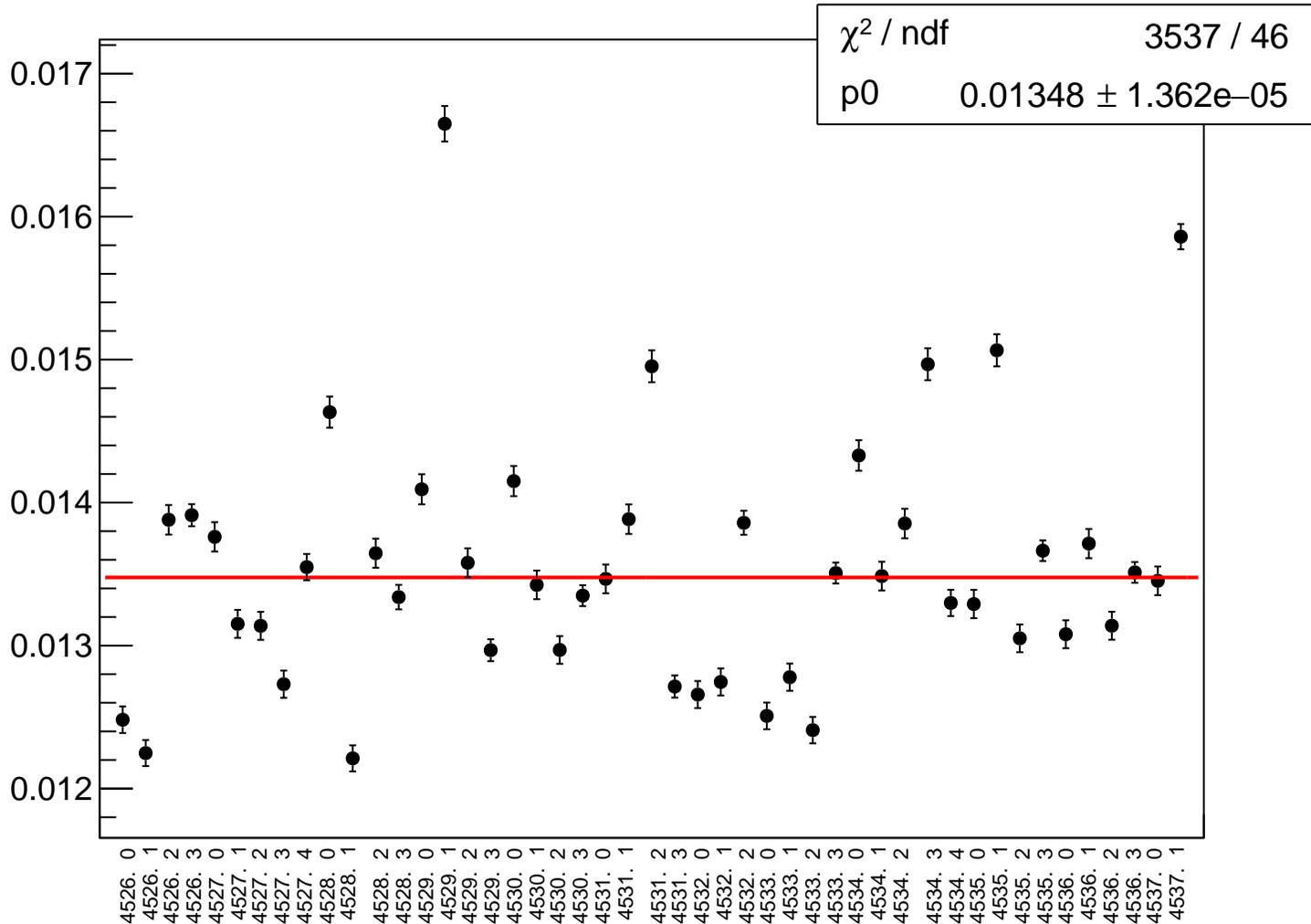


# yield\_bpm0109X\_mean vs run

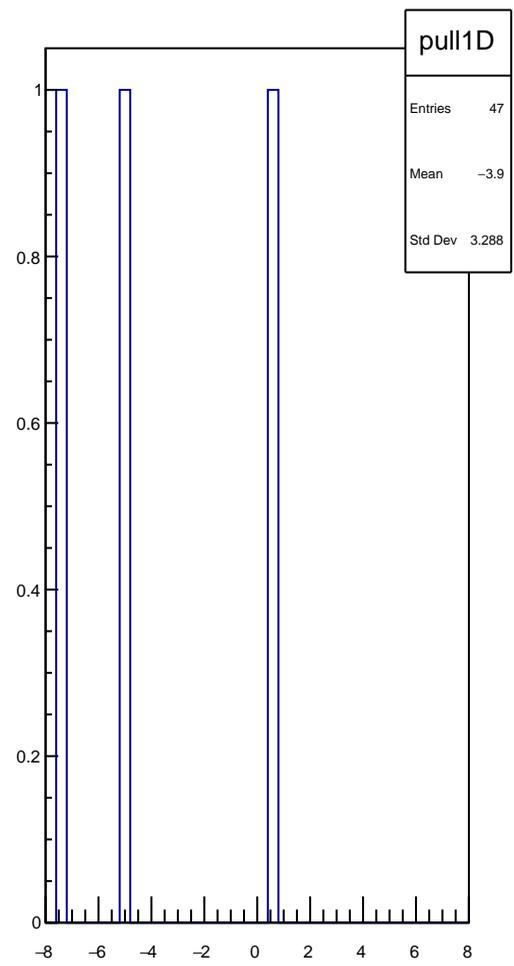
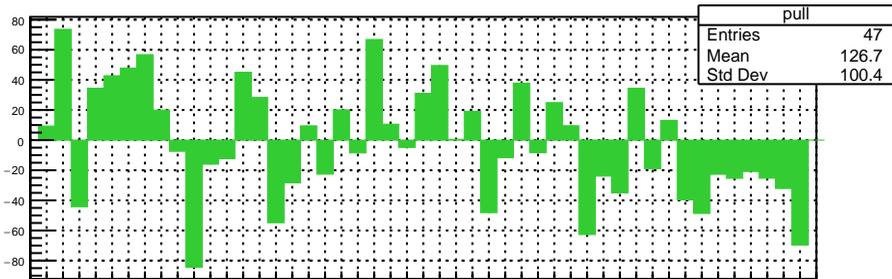
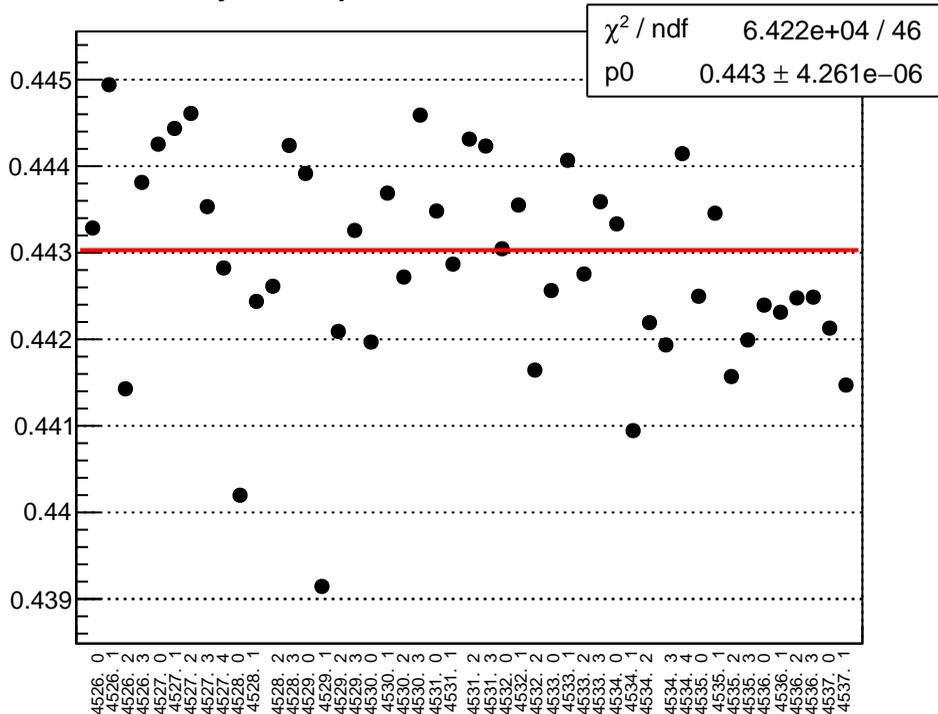


4526. 0 1  
 4526. 2 3  
 4526. 3 0  
 4527. 1  
 4527. 2  
 4527. 3 4  
 4527. 4 0  
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 4528. 2  
 4528. 3  
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 4537. 1

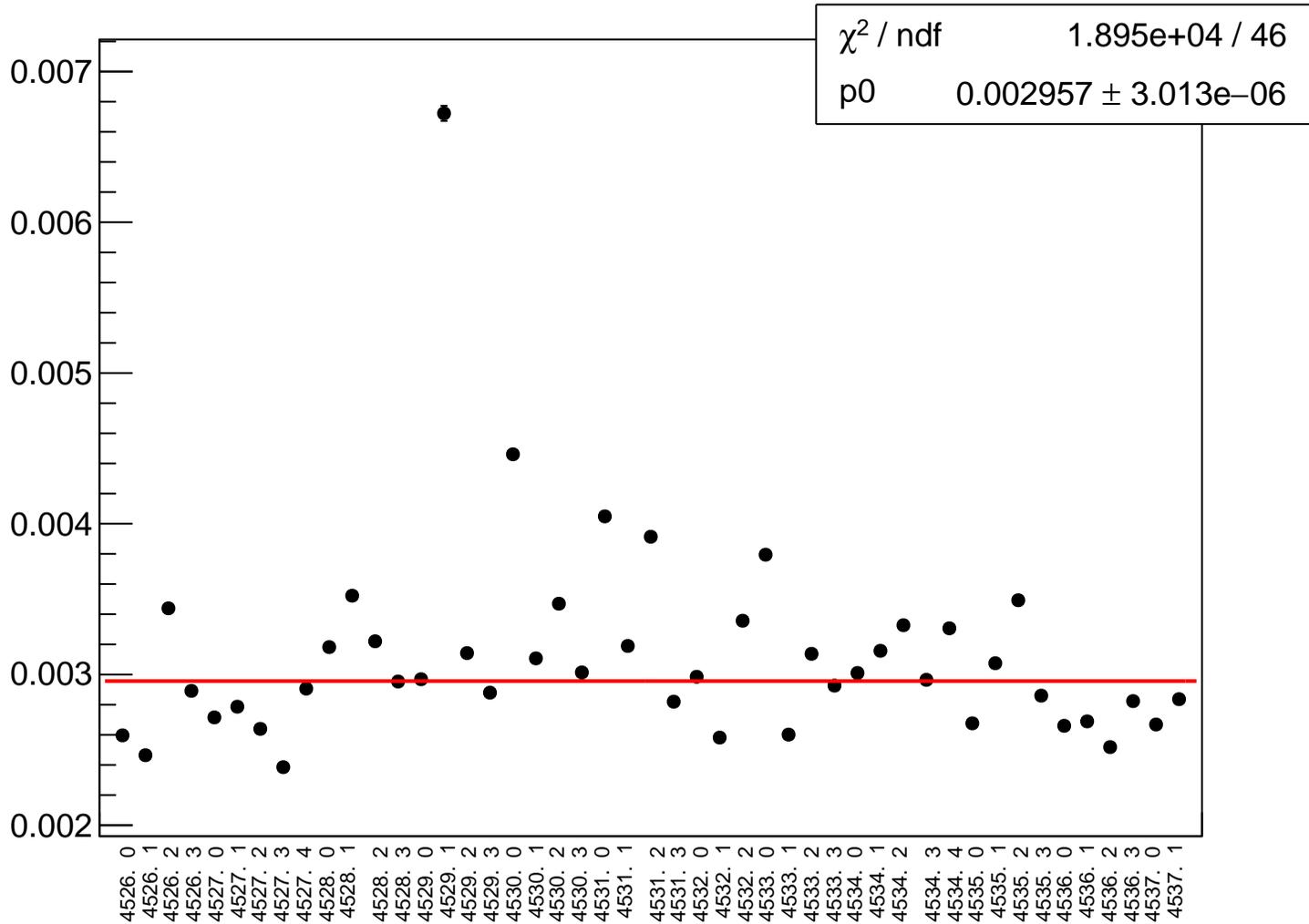
# yield\_bpm0l09X\_rms vs run



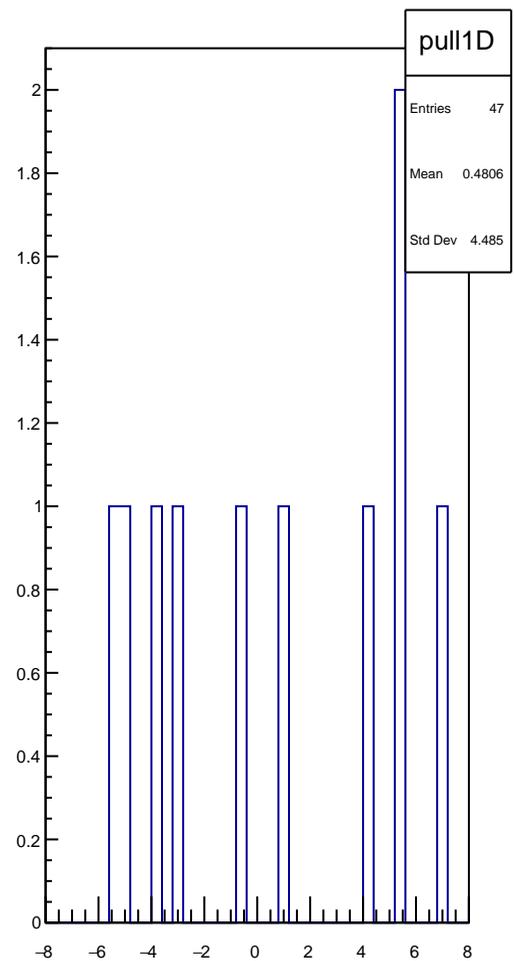
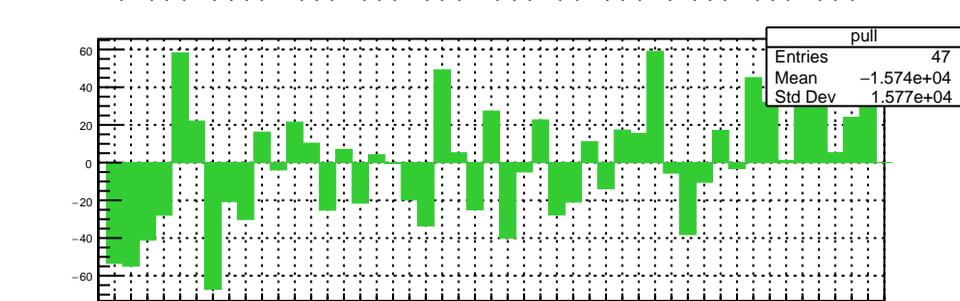
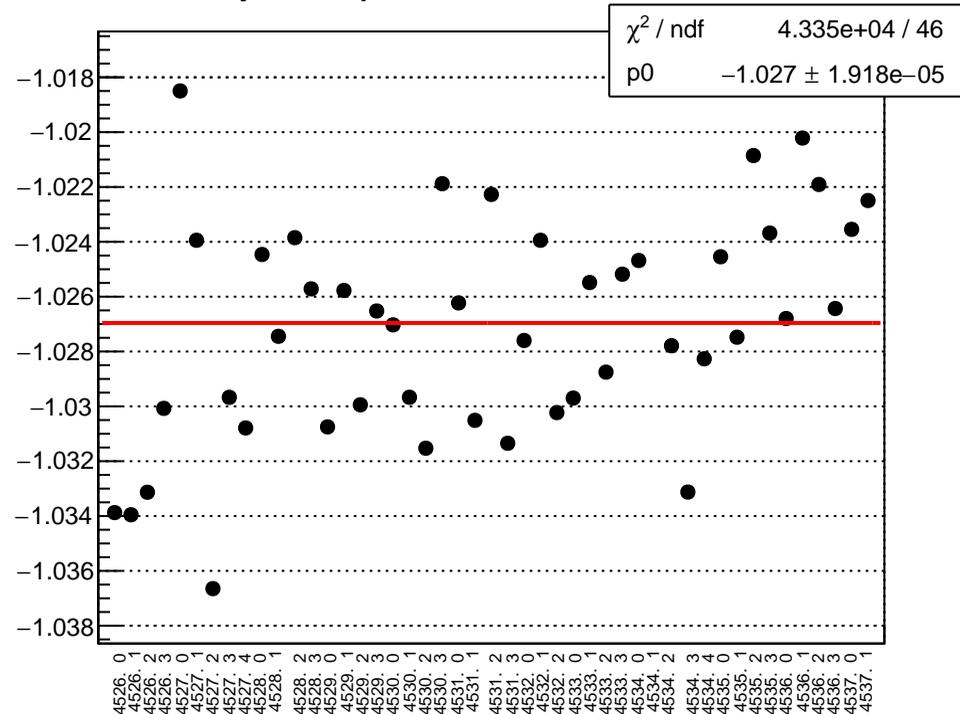
# yield\_bpm0109Y\_mean vs run



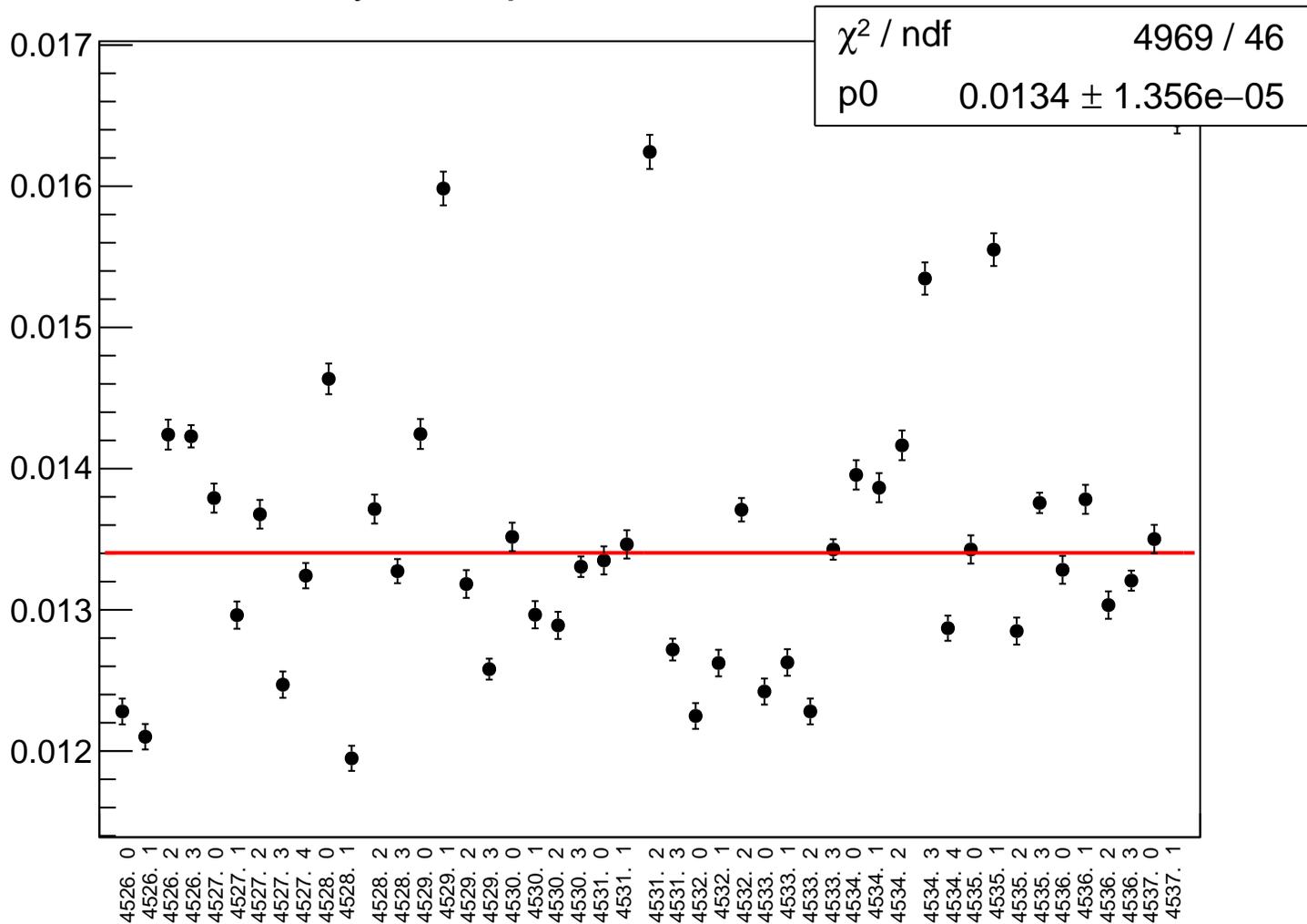
# yield\_bpm0l09Y\_rms vs run



# yield\_bpm0110X\_mean vs run

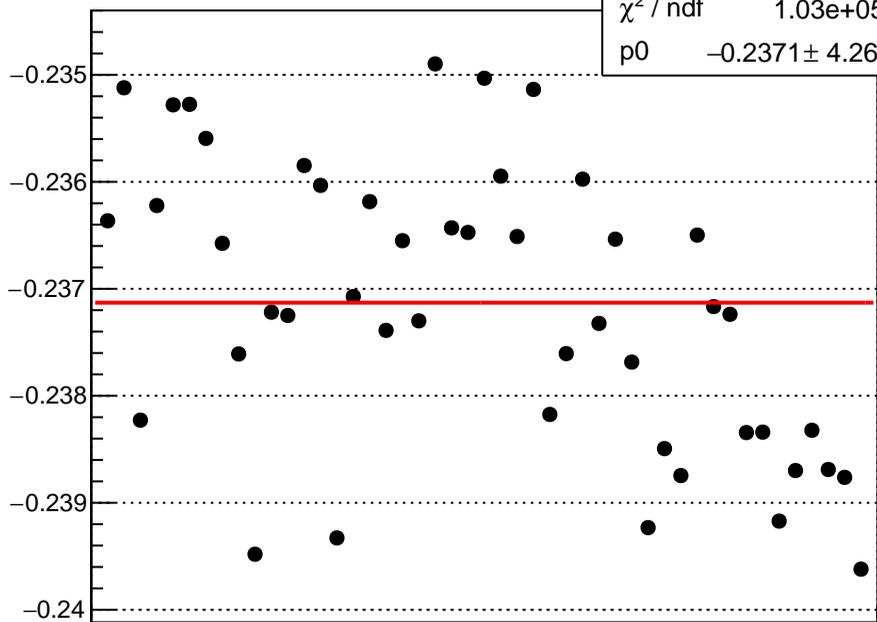


# yield\_bpm0l10X\_rms vs run

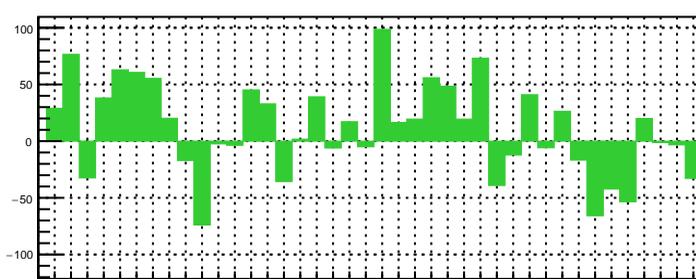


# yield\_bpm0110Y\_mean vs run

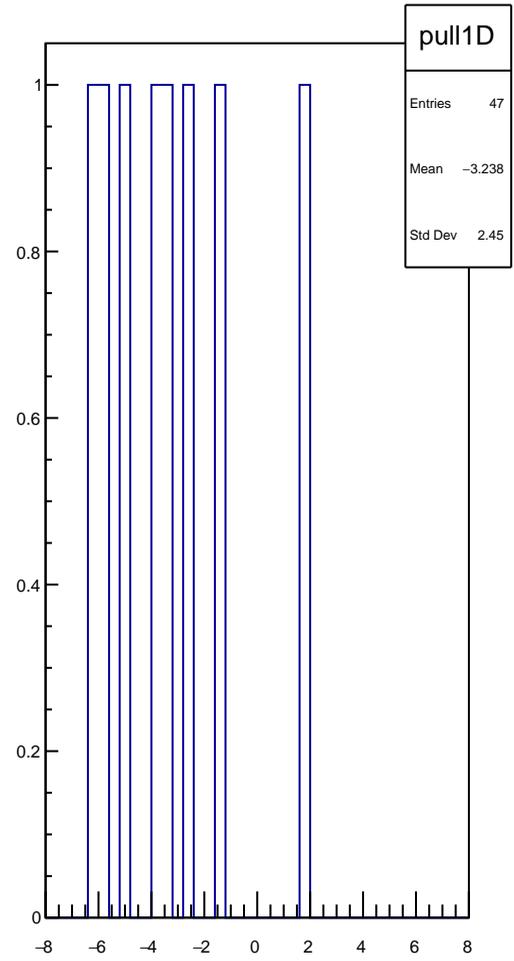
$\chi^2 / \text{ndf}$  1.03e+05 / 46  
 $p_0$   $-0.2371 \pm 4.26e-06$



4526. 0 1  
 4526. 2 3  
 4526. 3 0  
 4527. 0 1  
 4527. 1 2  
 4527. 2 3  
 4527. 3 4  
 4527. 4 0  
 4528. 0 1  
 4528. 1 2  
 4528. 2 3  
 4528. 3 0  
 4529. 0 1  
 4529. 1 2  
 4529. 2 3  
 4529. 3 0  
 4530. 0 1  
 4530. 1 2  
 4530. 2 3  
 4530. 3 0  
 4531. 0 1  
 4531. 1 2  
 4531. 2 3  
 4531. 3 0  
 4532. 0 1  
 4532. 1 2  
 4532. 2 3  
 4532. 3 0  
 4533. 0 1  
 4533. 1 2  
 4533. 2 3  
 4533. 3 0  
 4534. 0 1  
 4534. 1 2  
 4534. 2 3  
 4534. 3 0  
 4535. 0 1  
 4535. 1 2  
 4535. 2 3  
 4535. 3 0  
 4536. 0 1  
 4536. 1 2  
 4536. 2 3  
 4536. 3 0  
 4537. 0 1  
 4537. 1 2  
 4537. 2 3  
 4537. 3 0



pull  
 Entries 47  
 Mean 914.8  
 Std Dev 888



pull1D  
 Entries 47  
 Mean -3.238  
 Std Dev 2.45

# yield\_bpm0l10Y\_rms vs run

