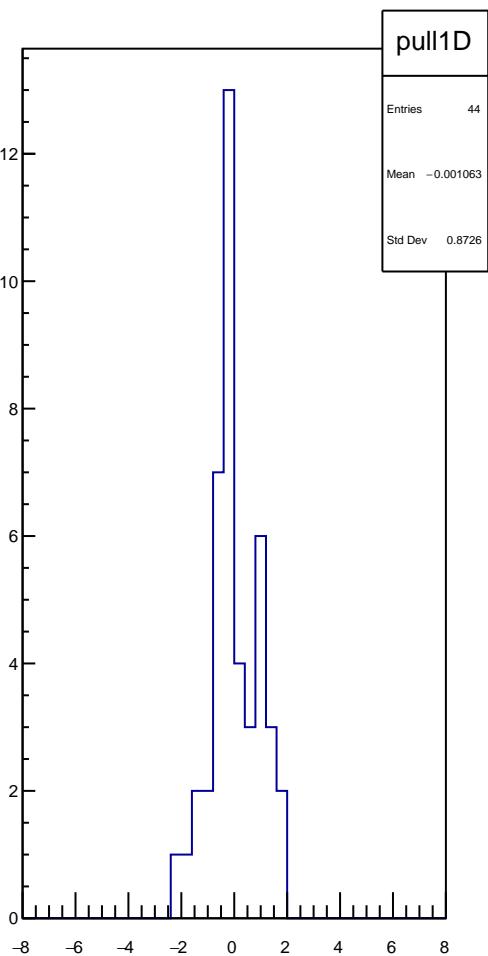
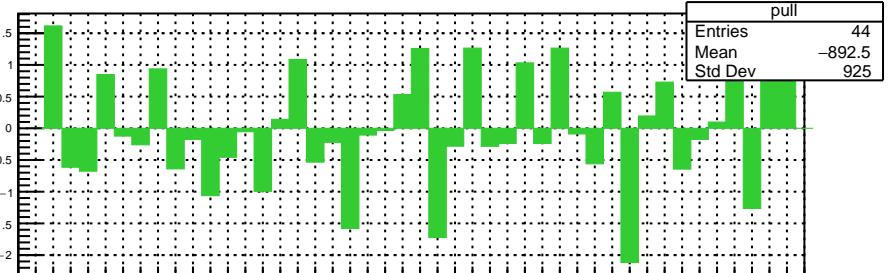
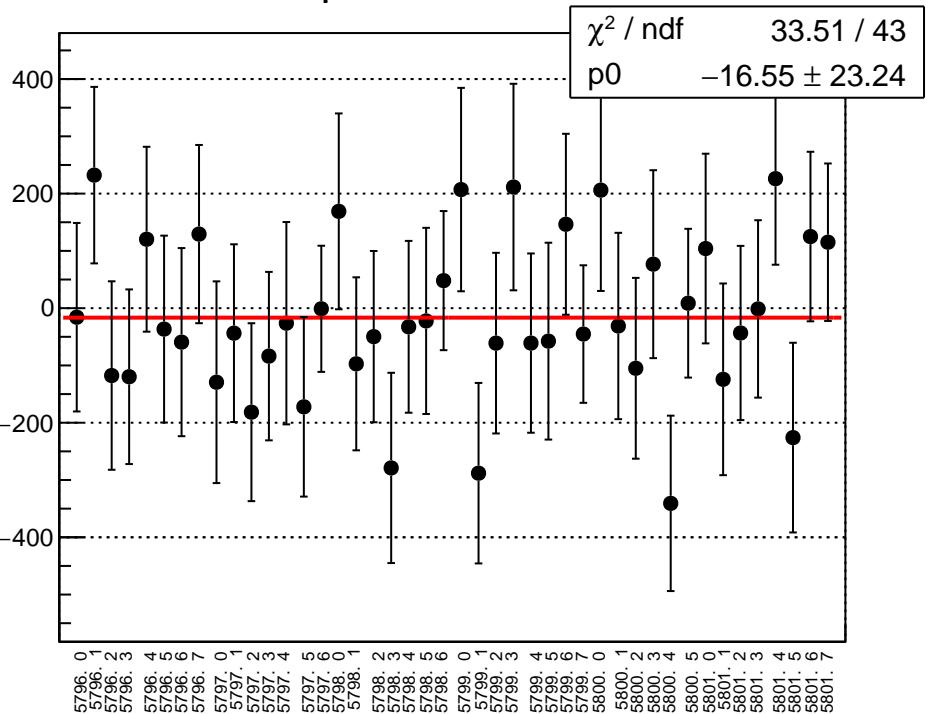
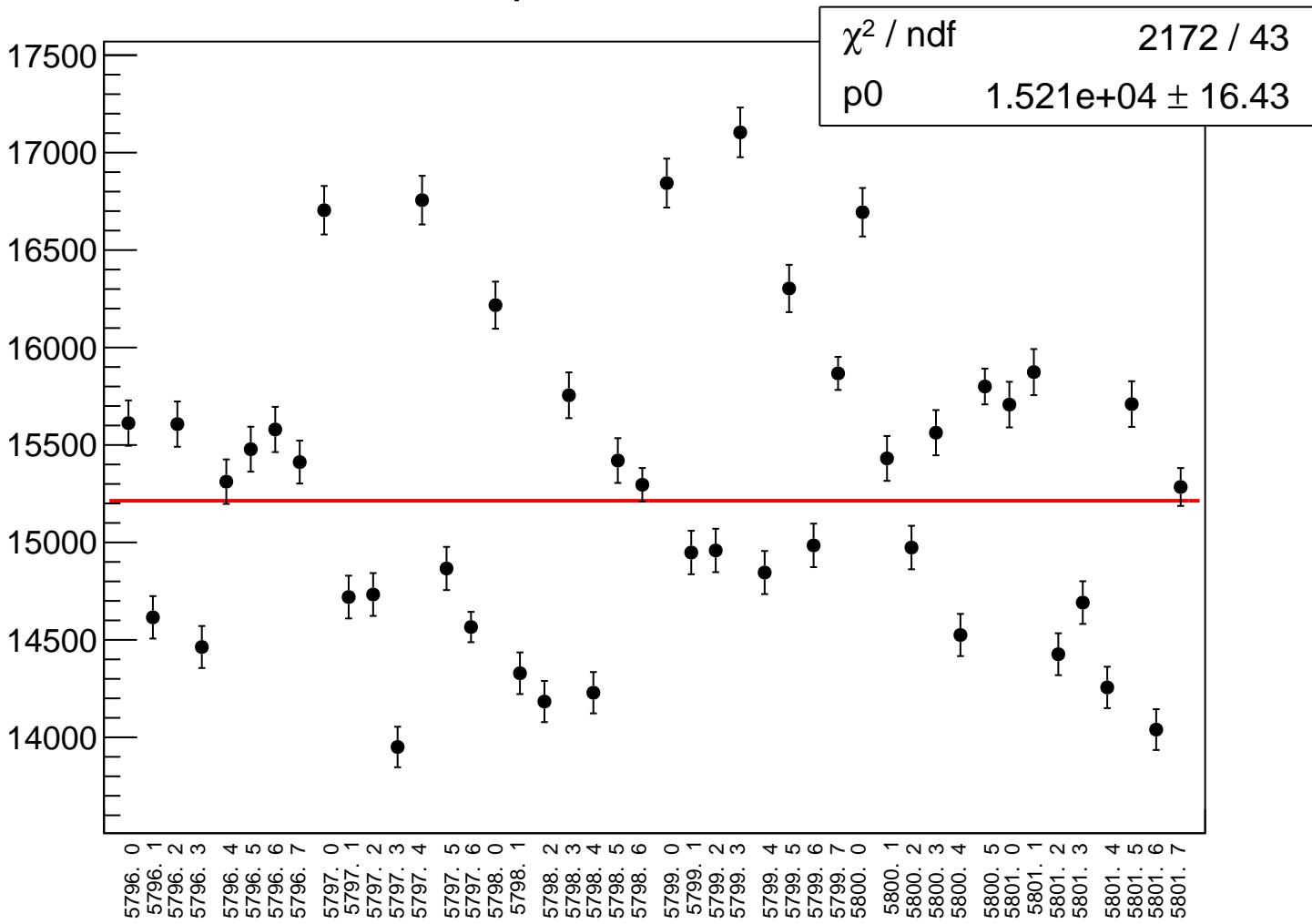


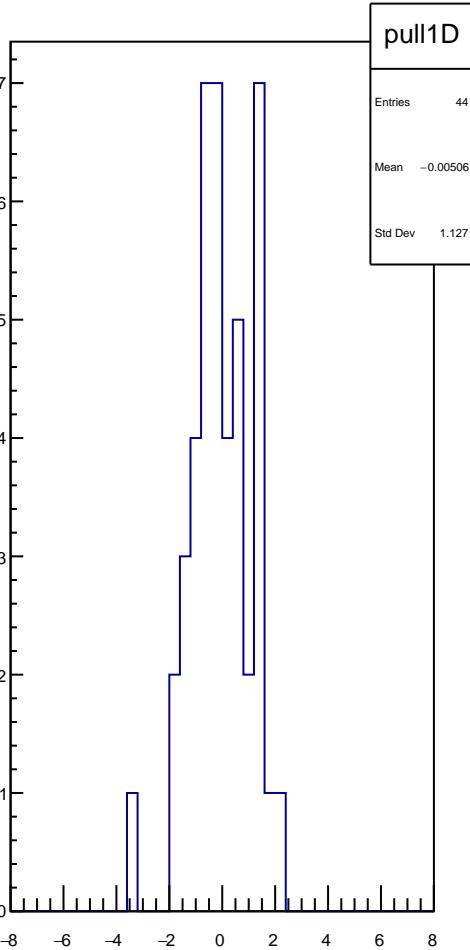
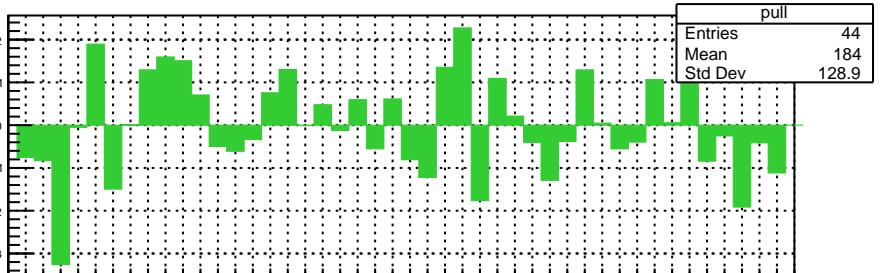
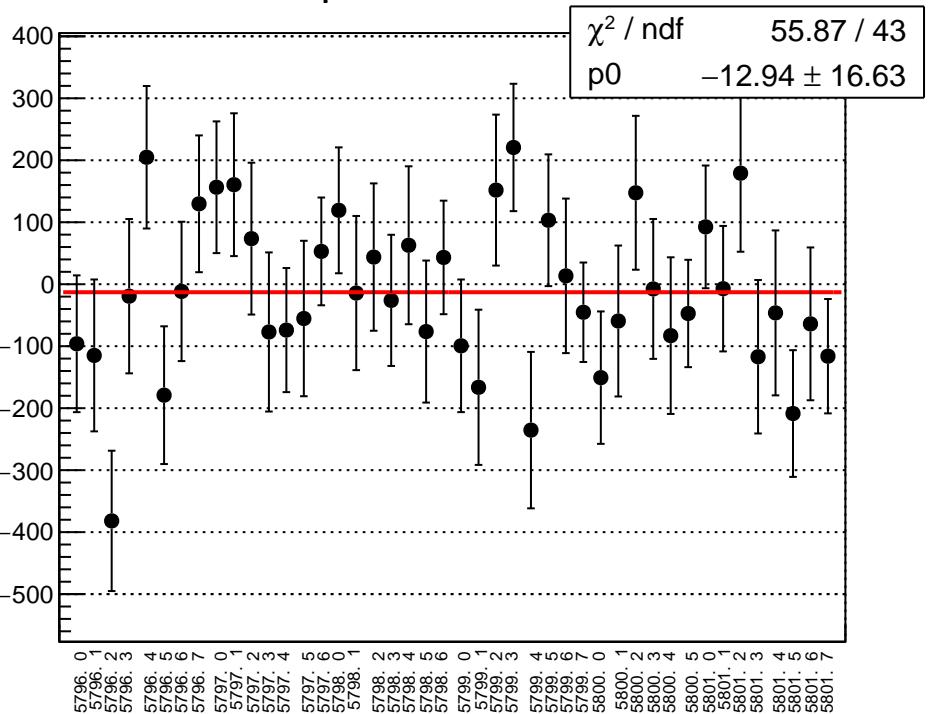
# diff\_bpm4aX\_mean vs run



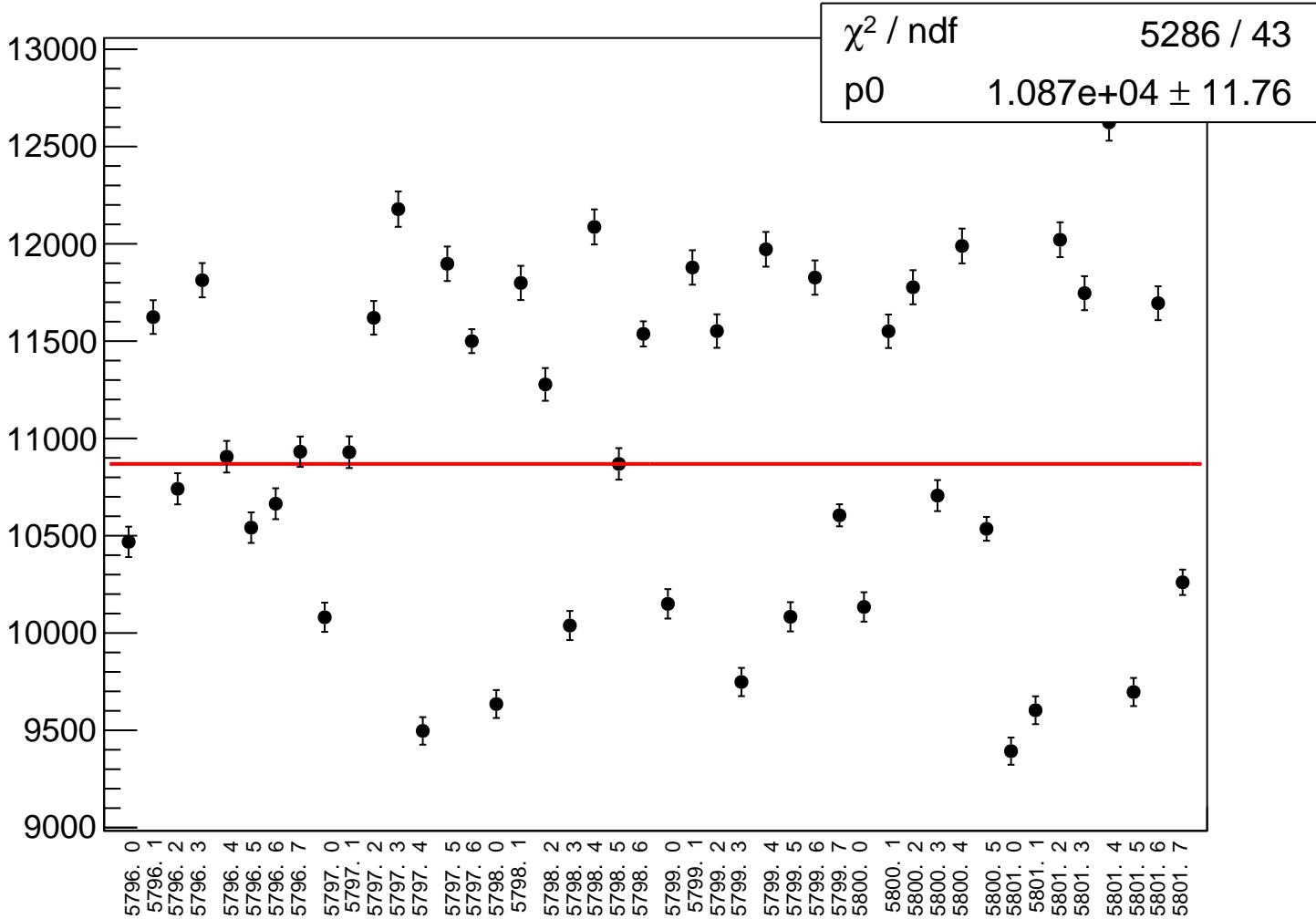
# diff\_bpm4aX\_rms vs run



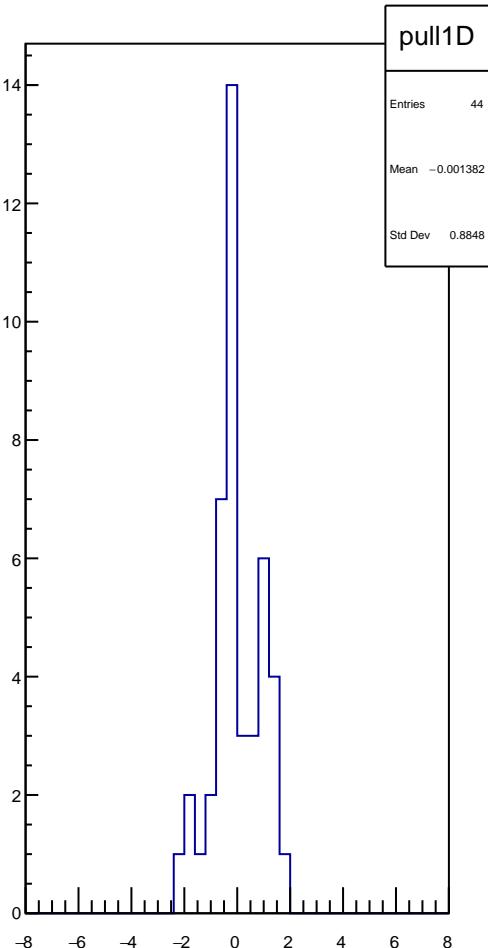
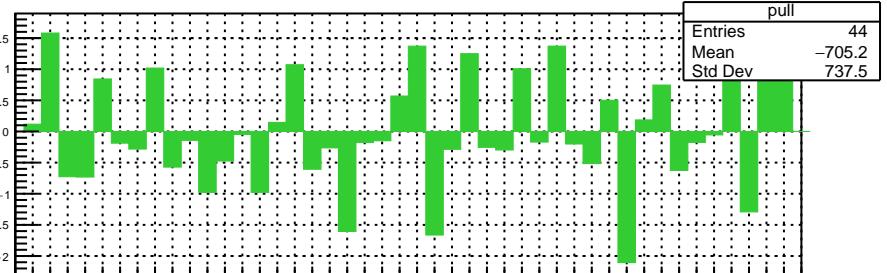
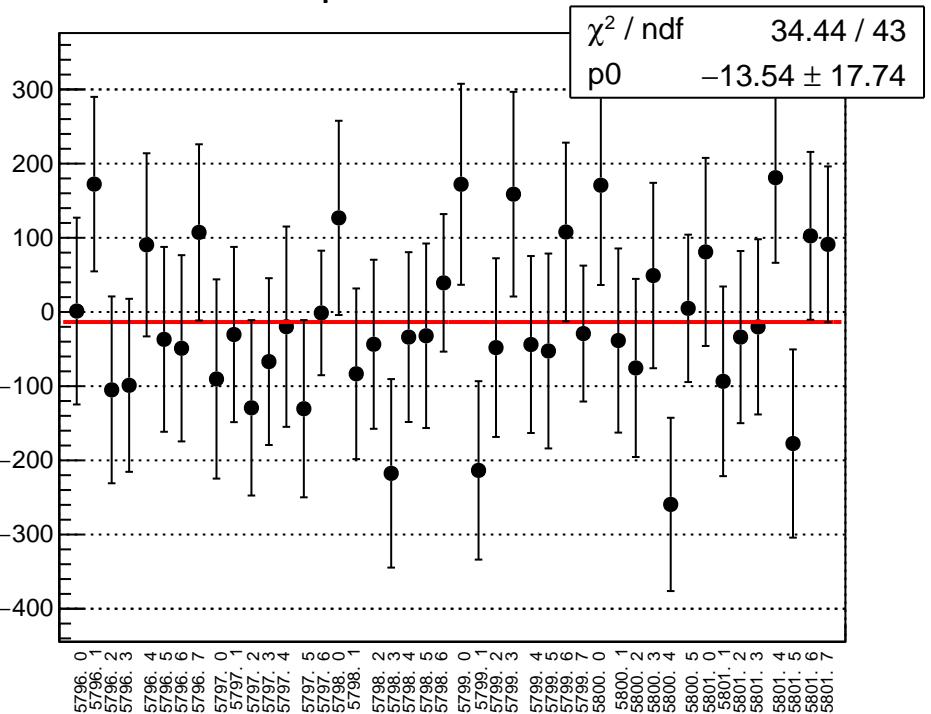
# diff\_bpm4aY\_mean vs run



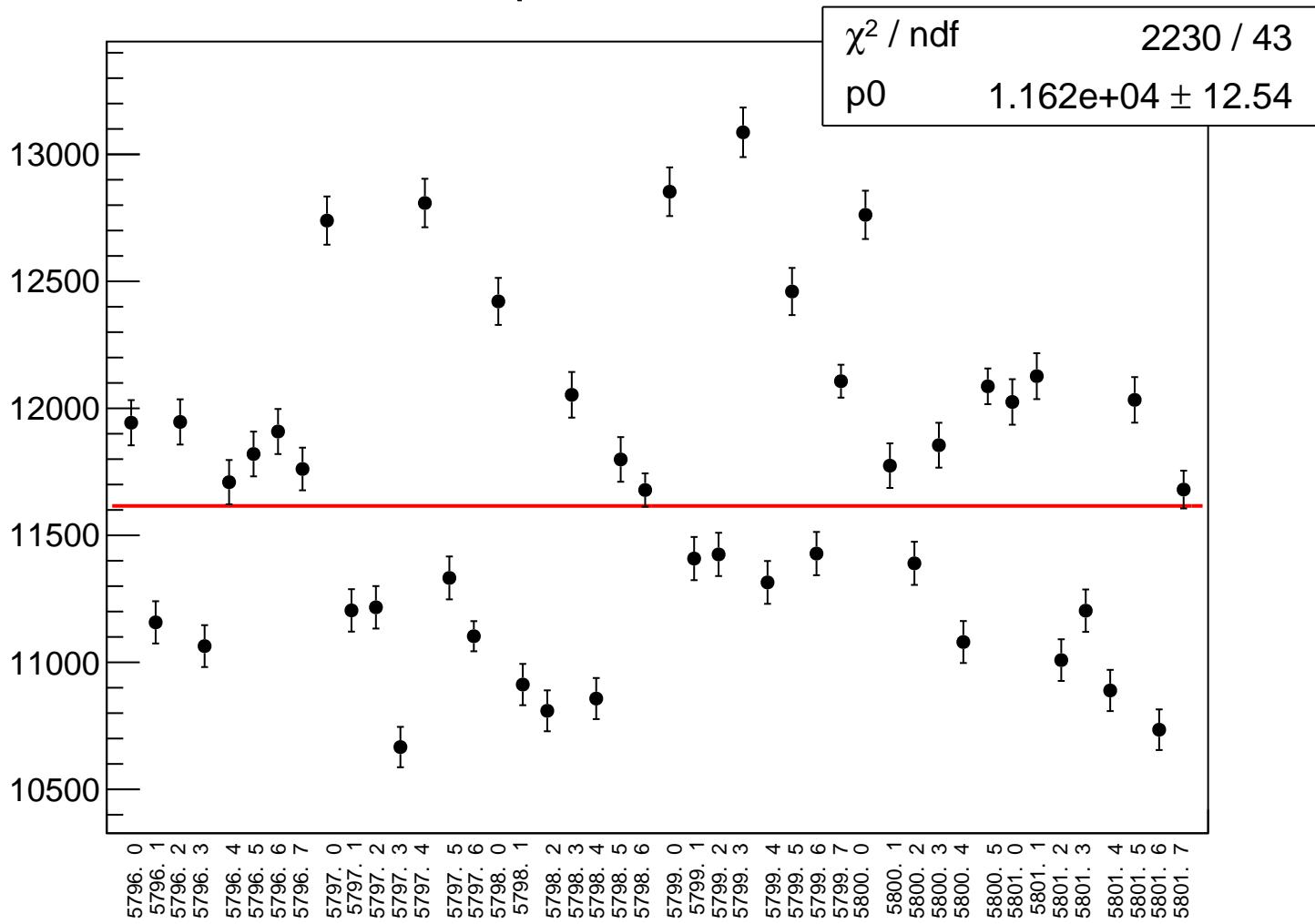
# diff\_bpm4aY\_rms vs run



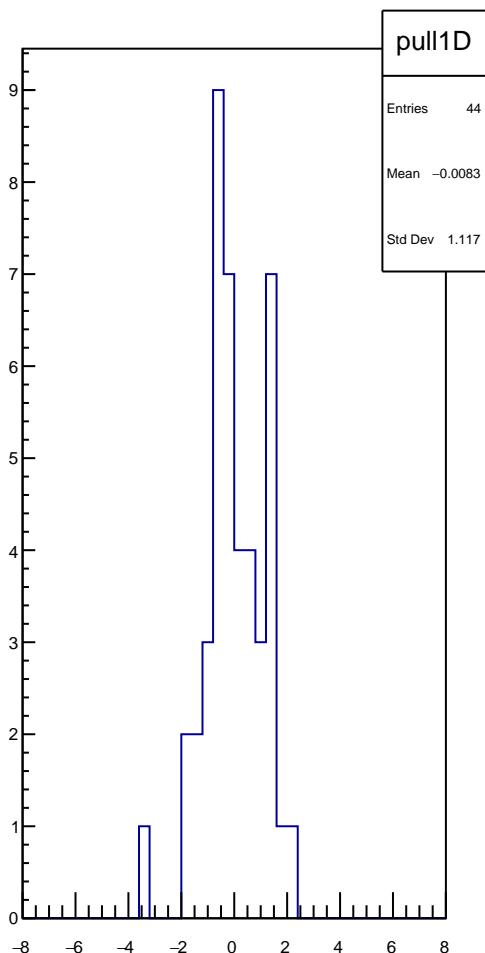
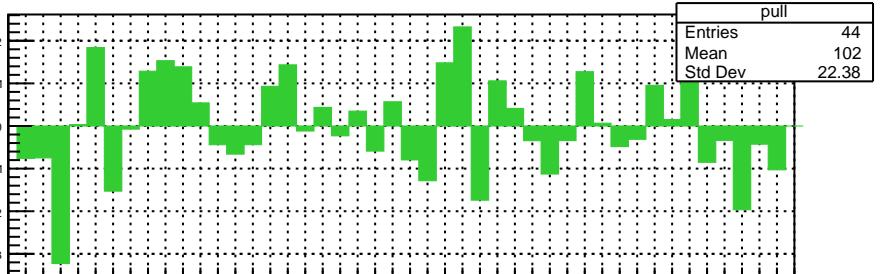
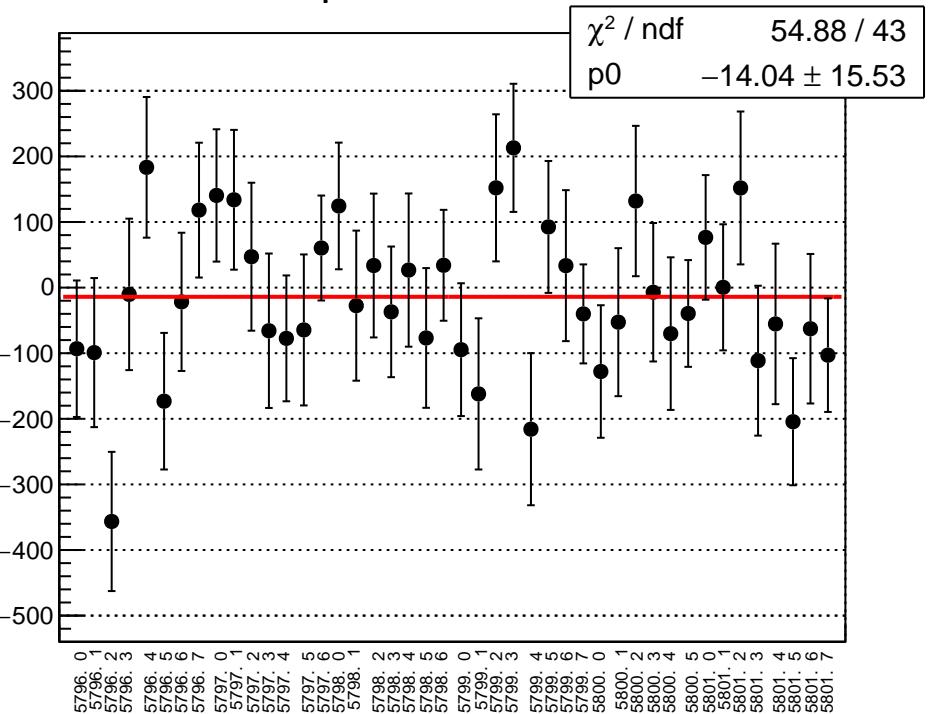
# diff\_bpm4eX\_mean vs run



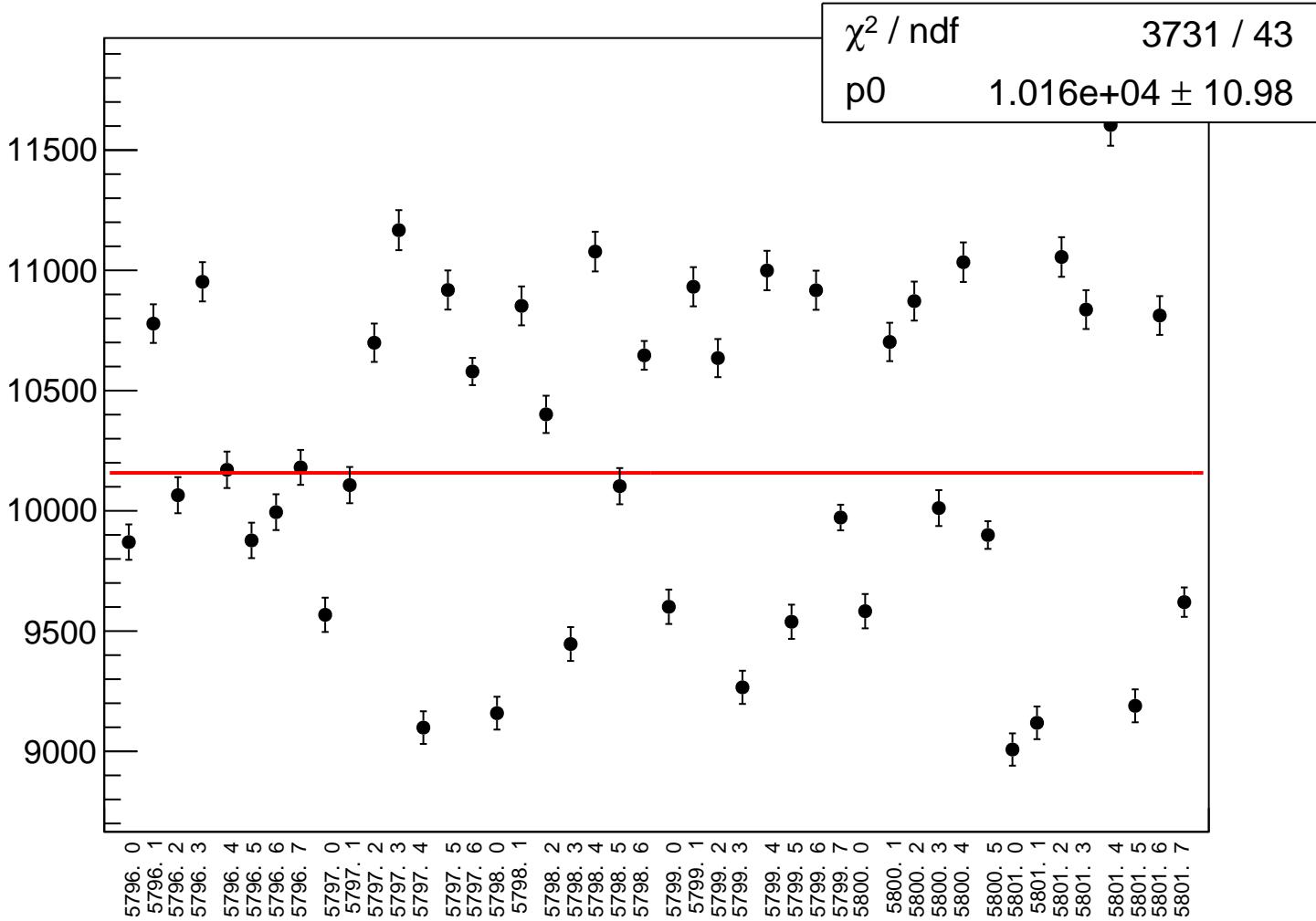
# diff\_bpm4eX\_rms vs run



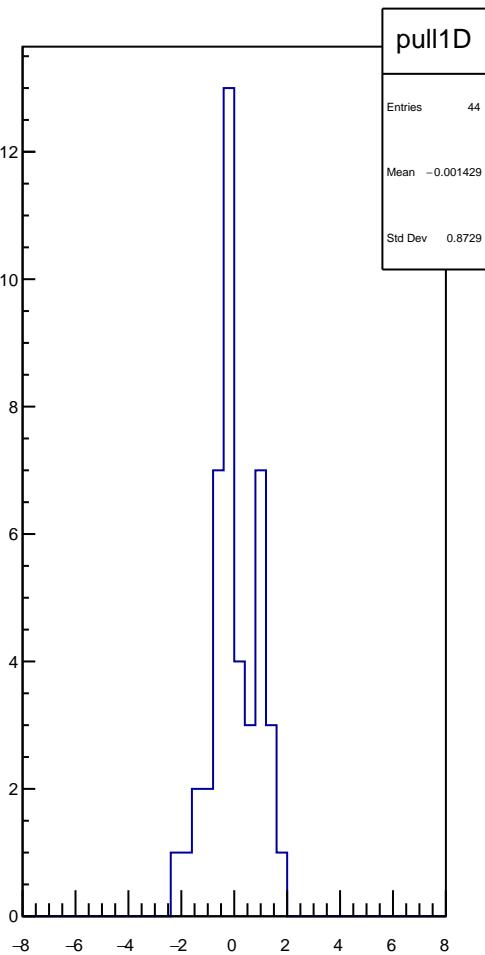
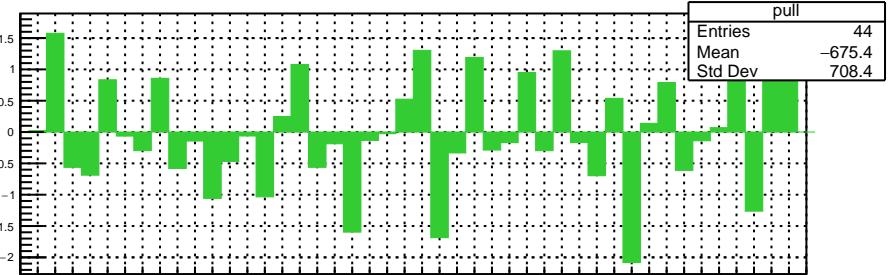
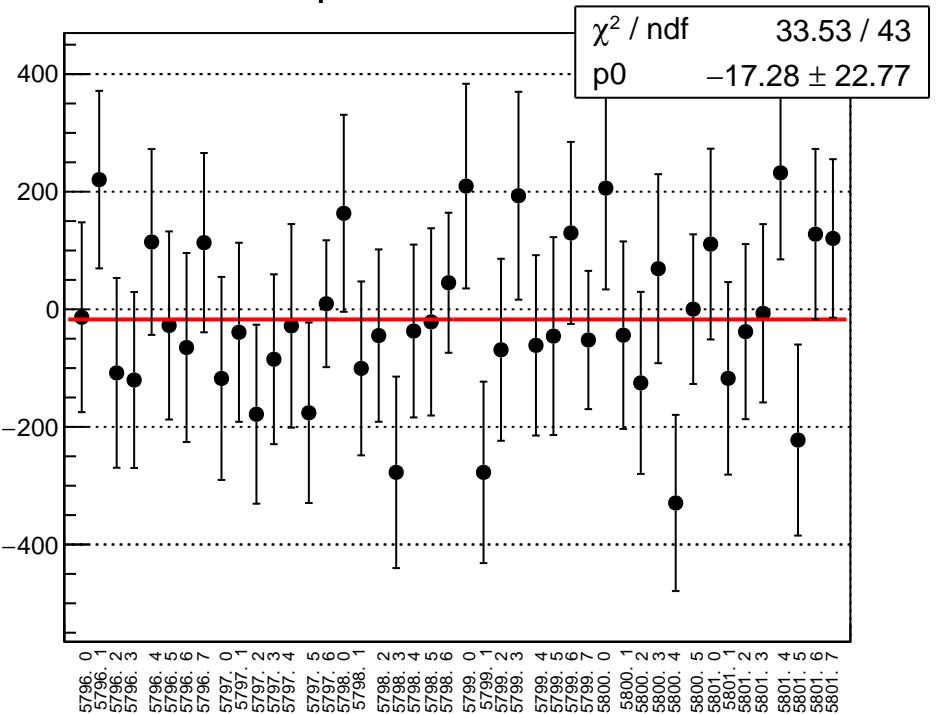
# diff\_bpm4eY\_mean vs run



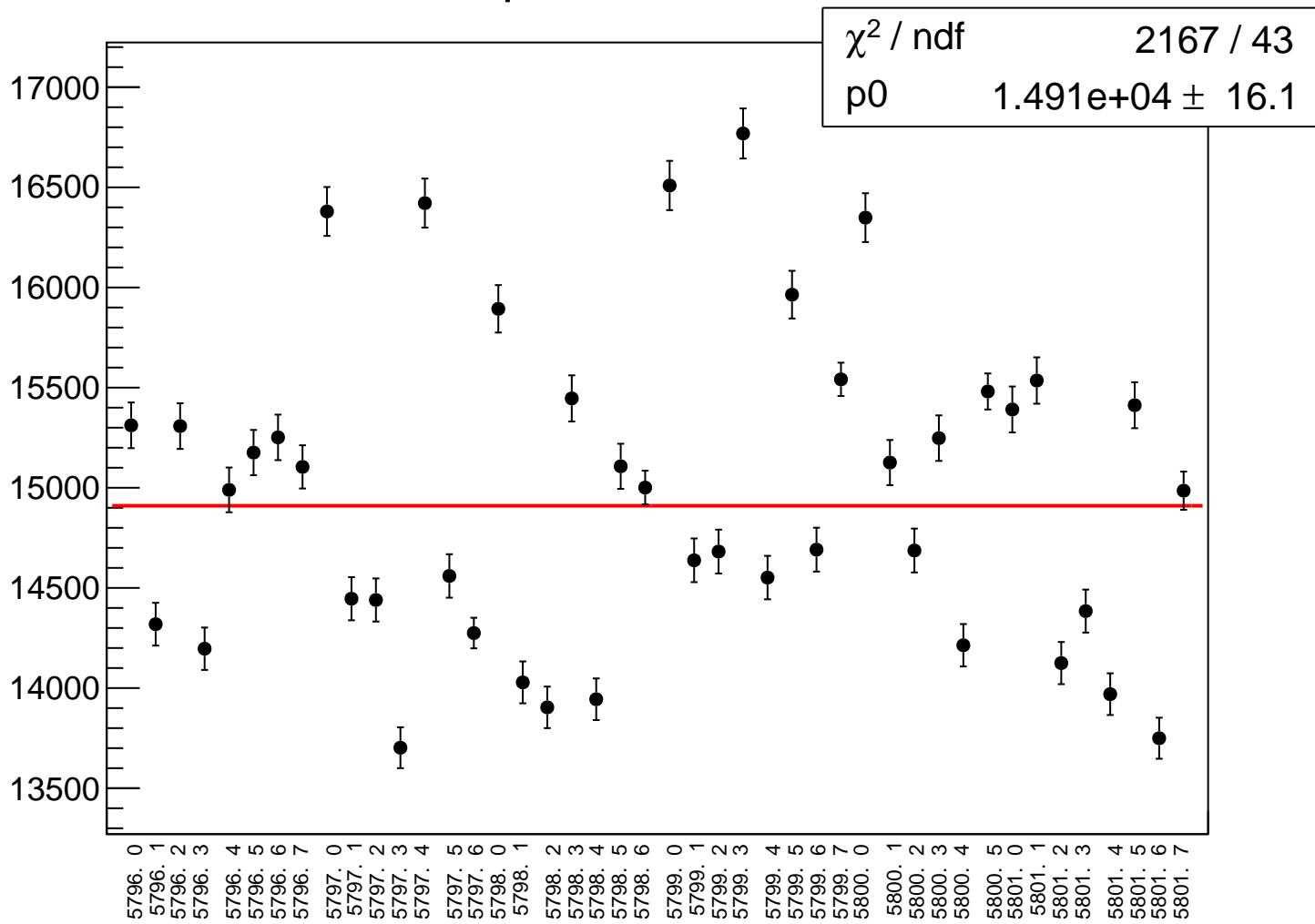
# diff\_bpm4eY\_rms vs run



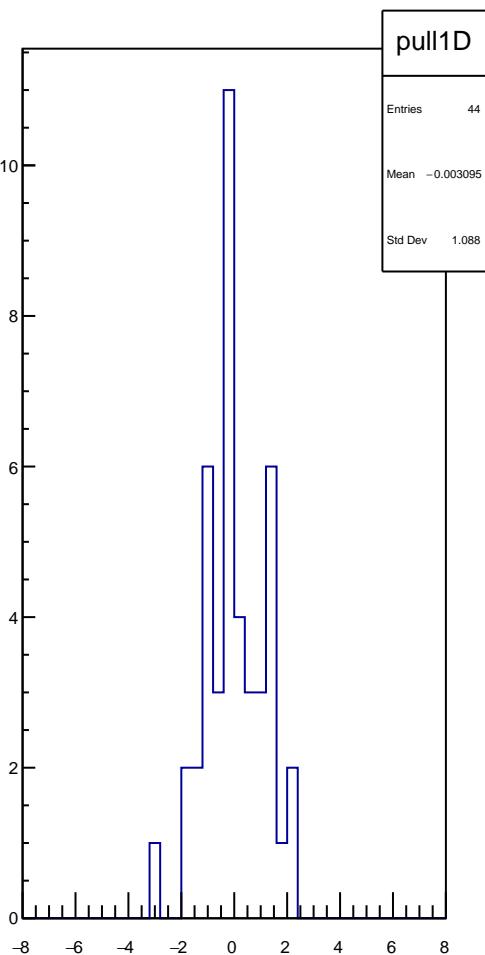
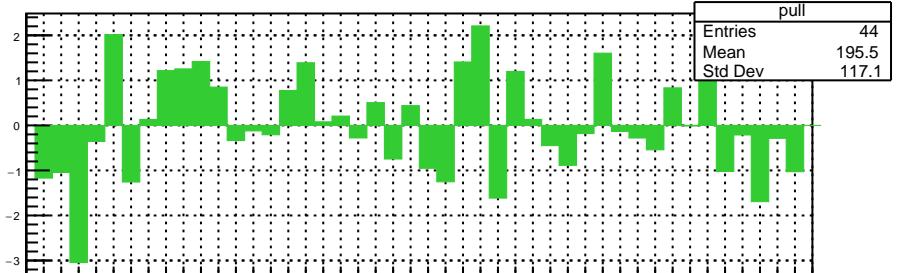
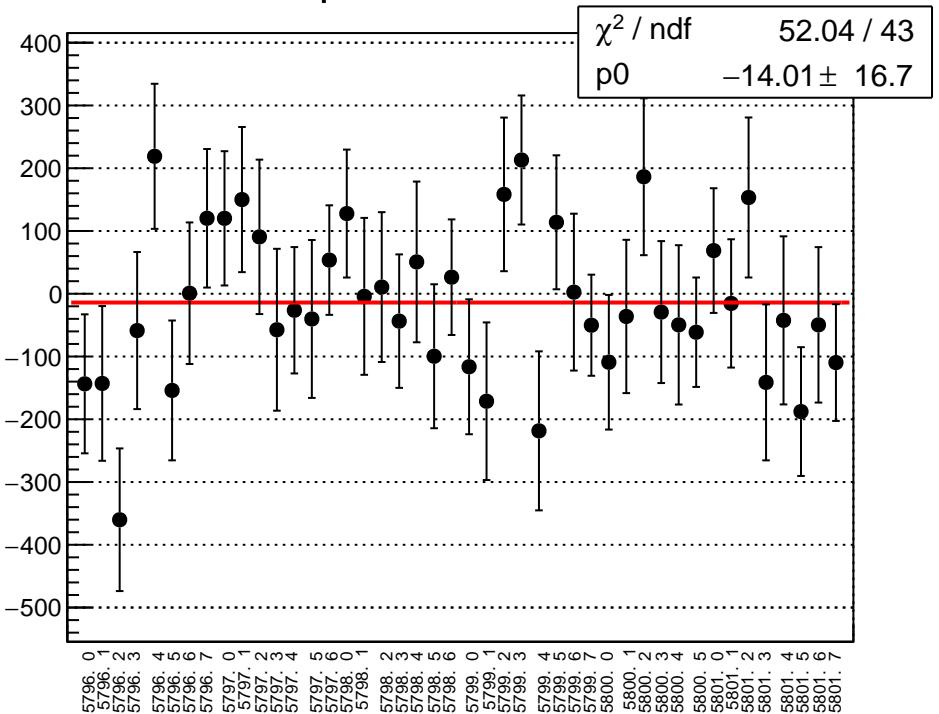
# diff\_bpm4acX\_mean vs run



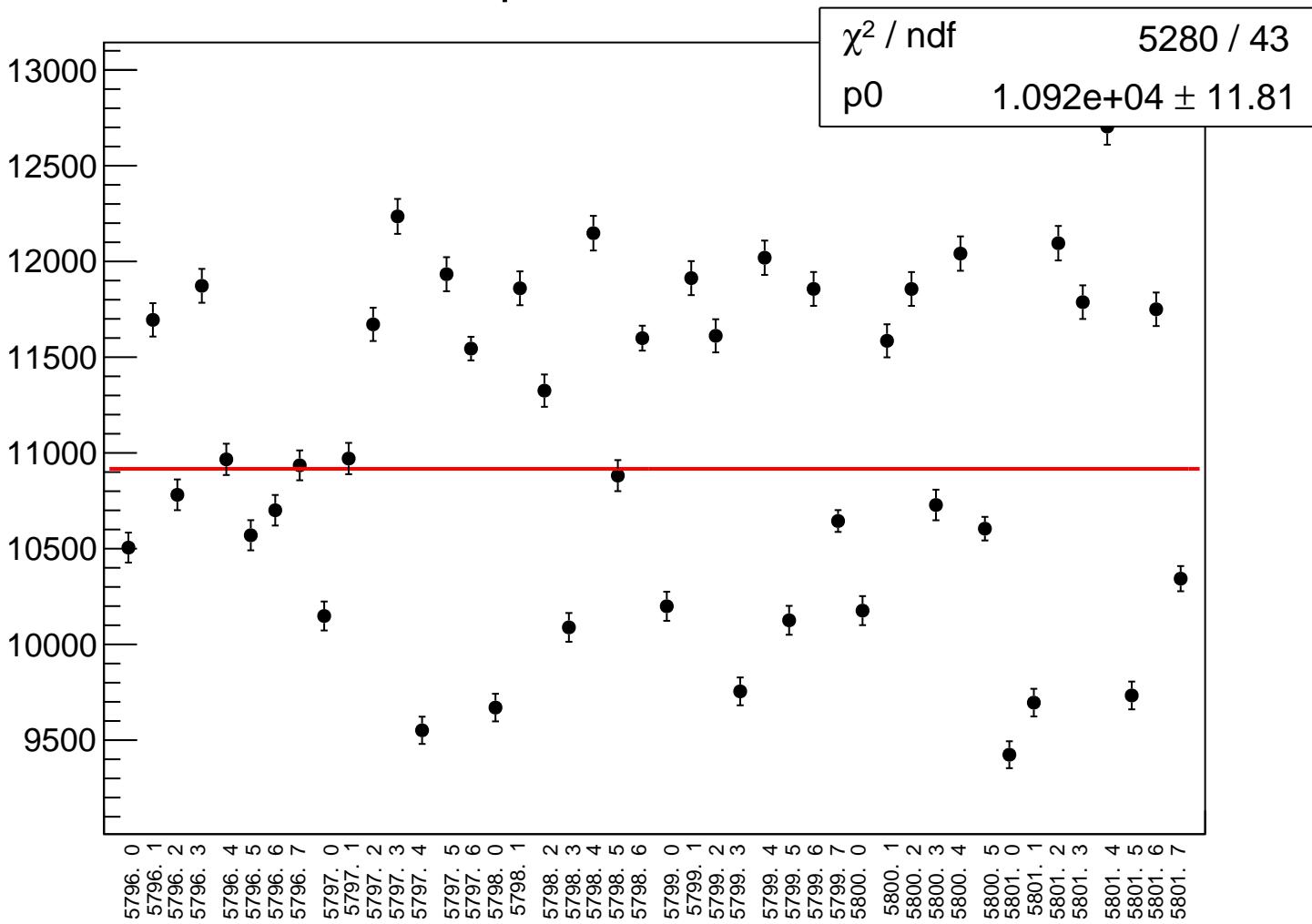
# diff\_bpm4acX\_rms vs run



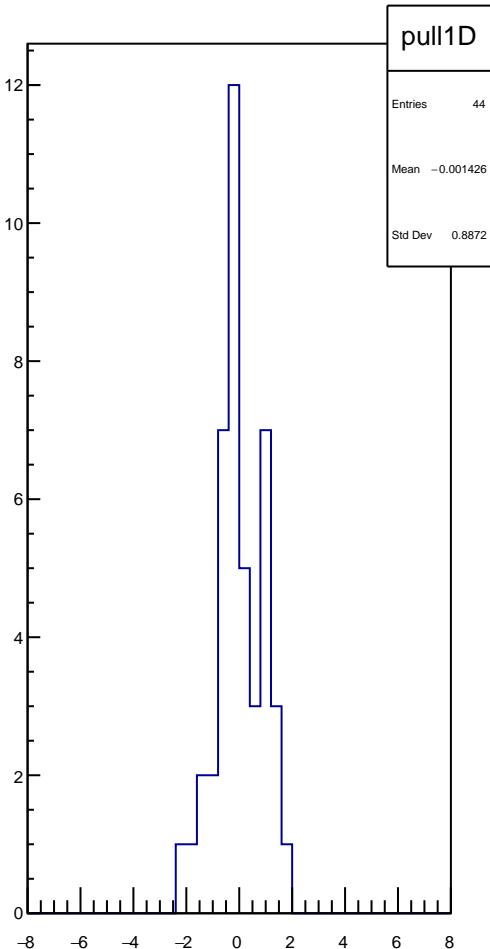
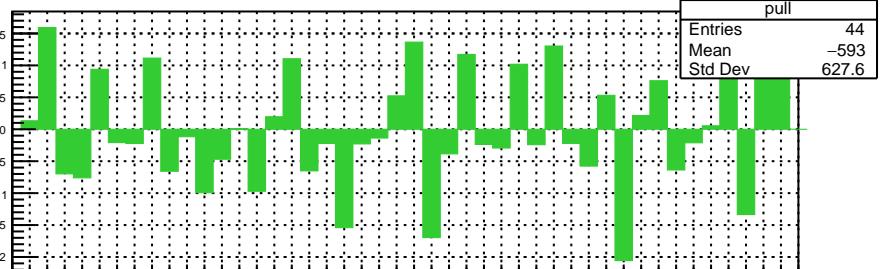
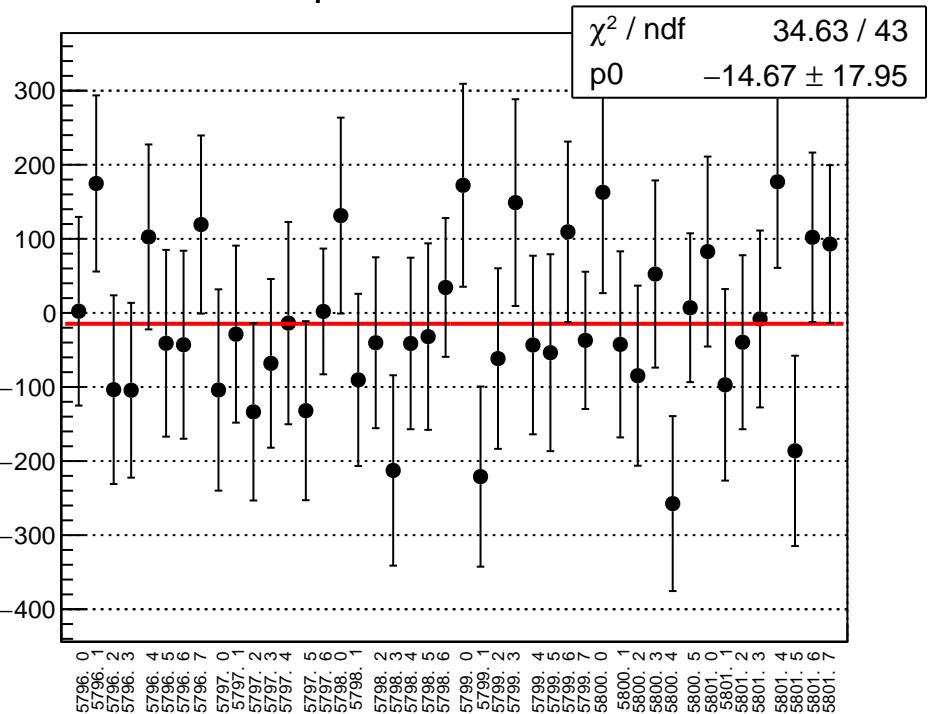
# diff\_bpm4acY\_mean vs run



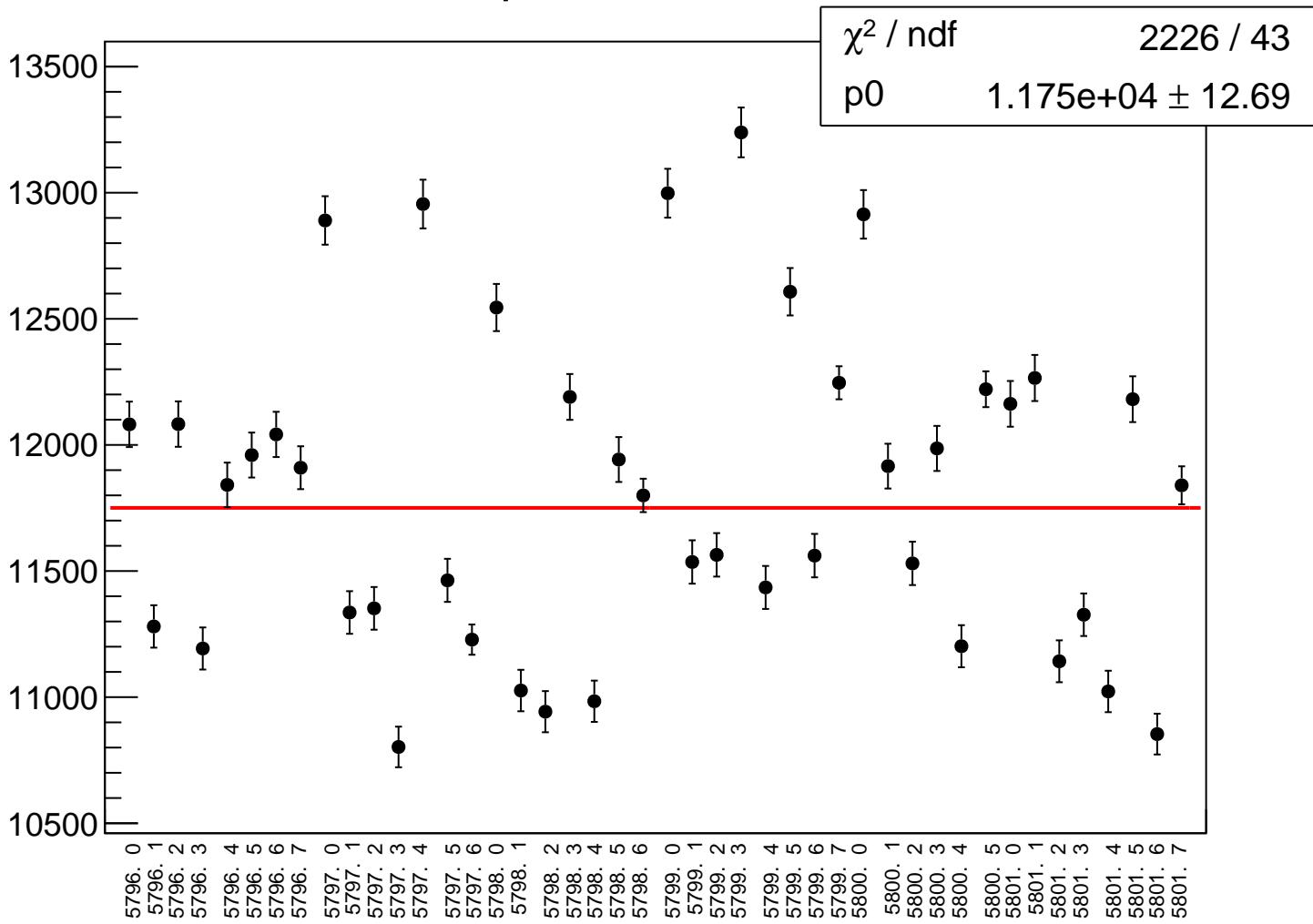
# diff\_bpm4acY\_rms vs run



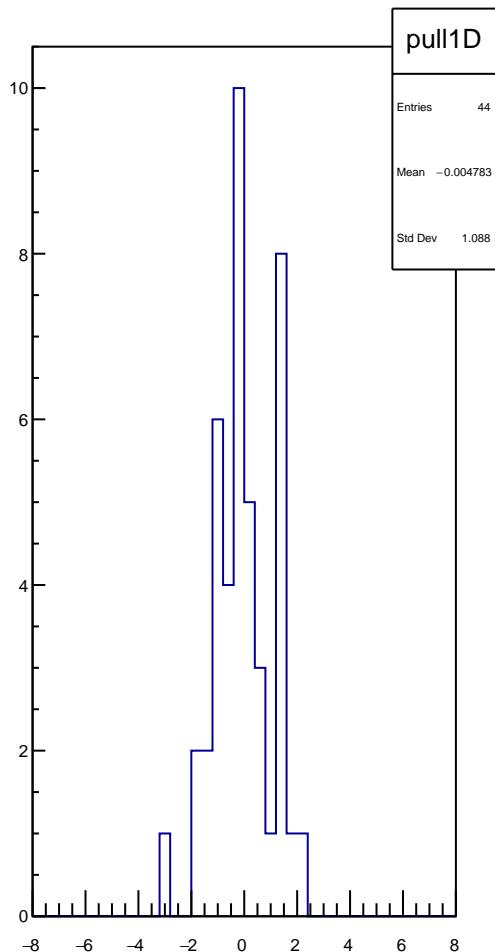
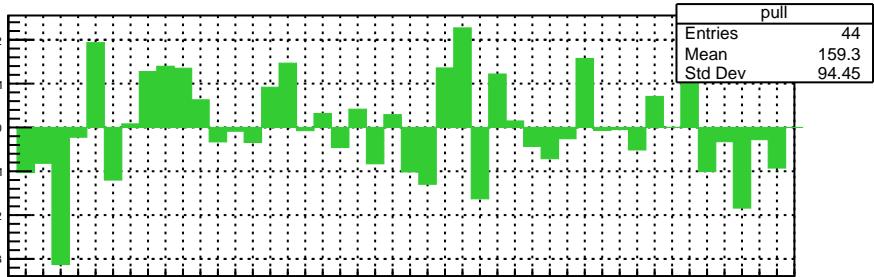
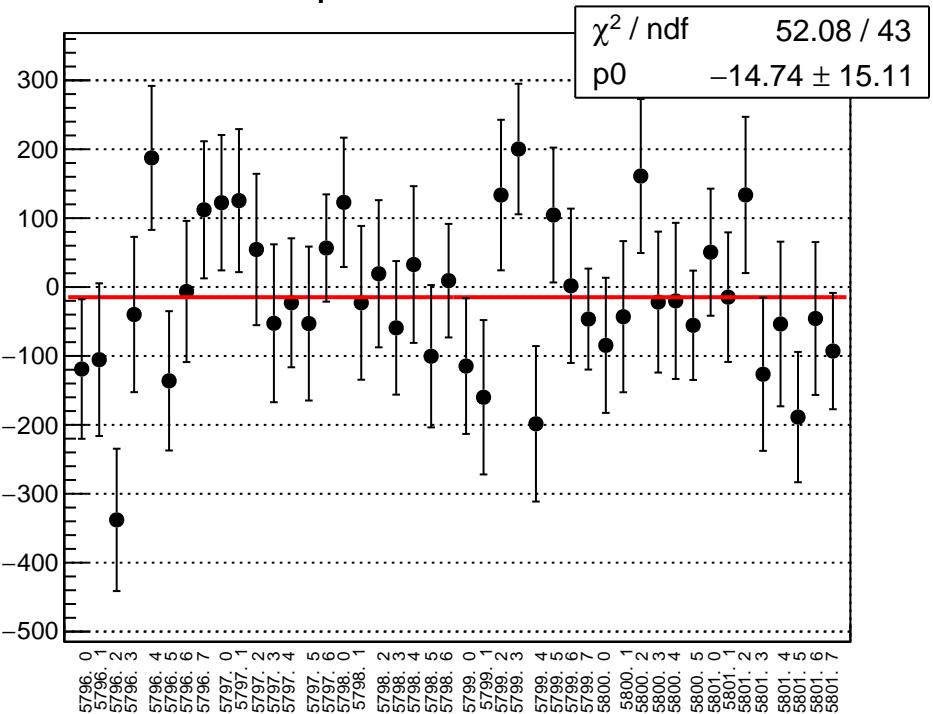
# diff\_bpm4ecX\_mean vs run



# diff\_bpm4ecX\_rms vs run



# diff\_bpm4ecY\_mean vs run

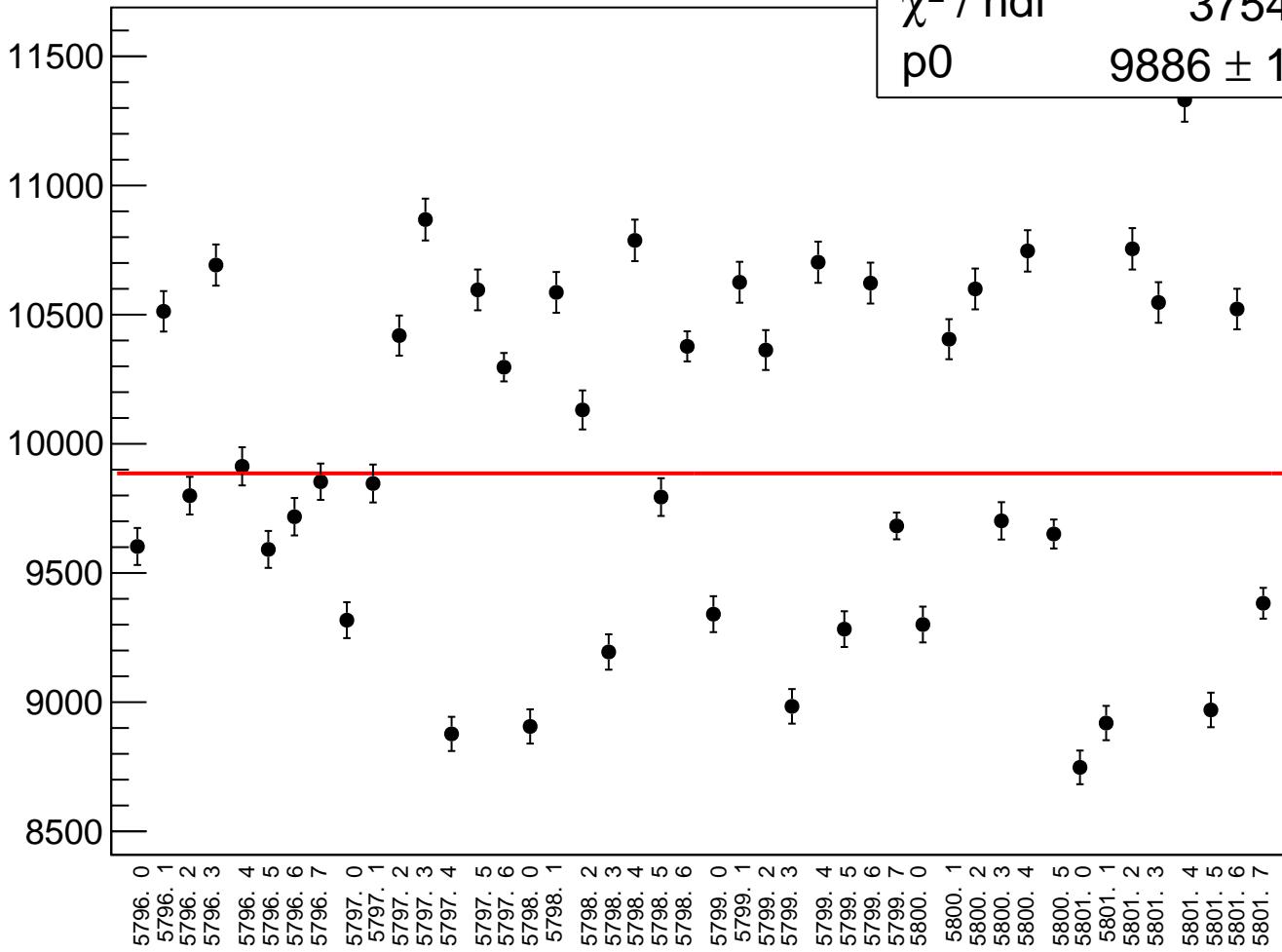


# diff\_bpm4ecY\_rms vs run

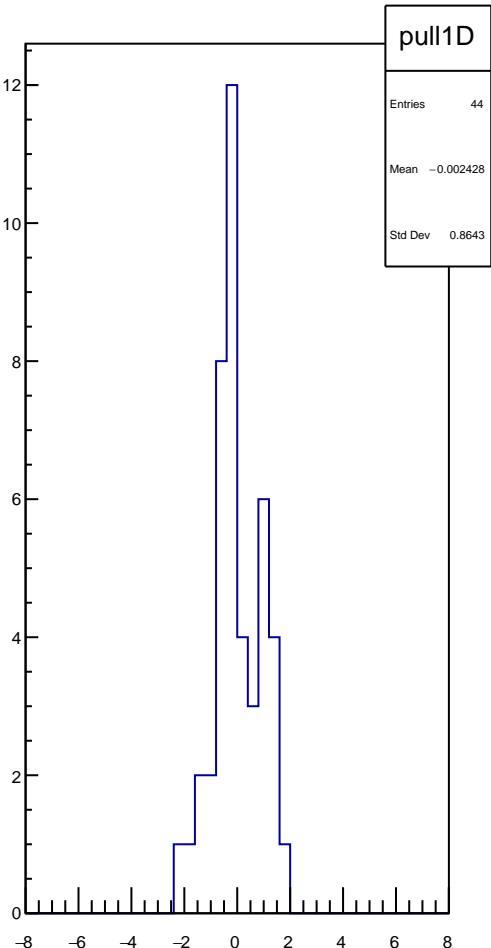
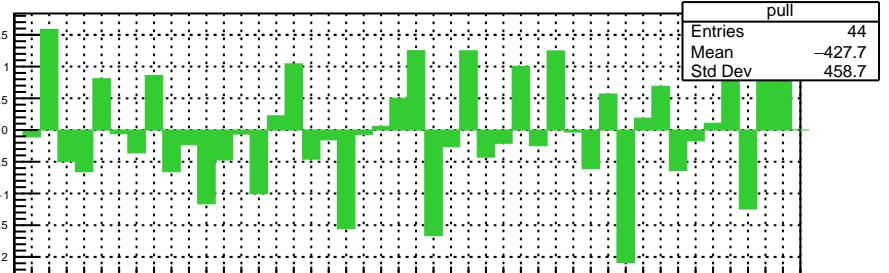
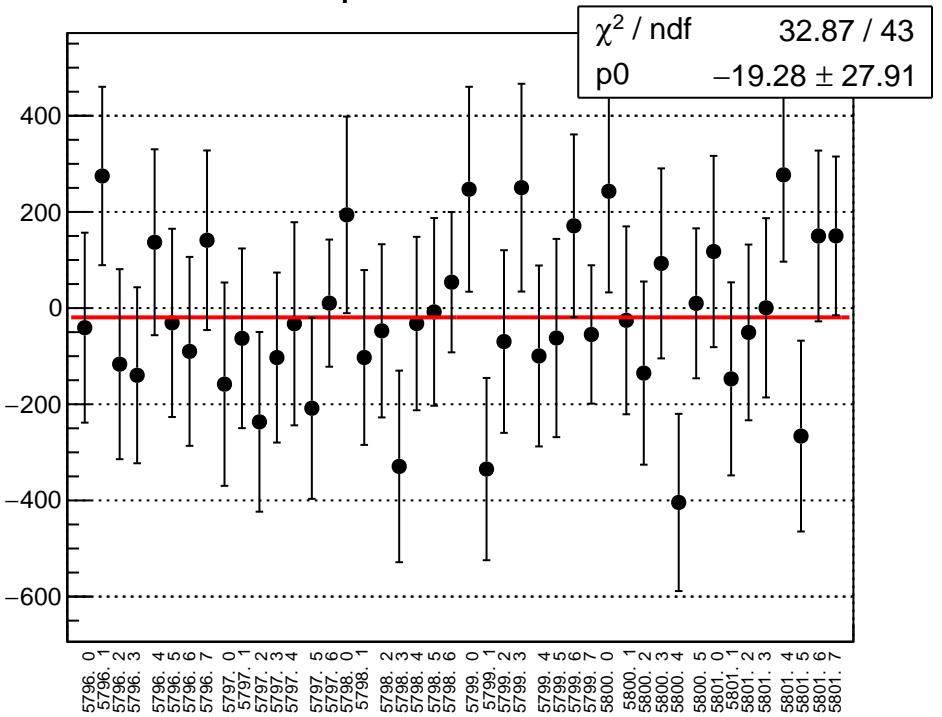
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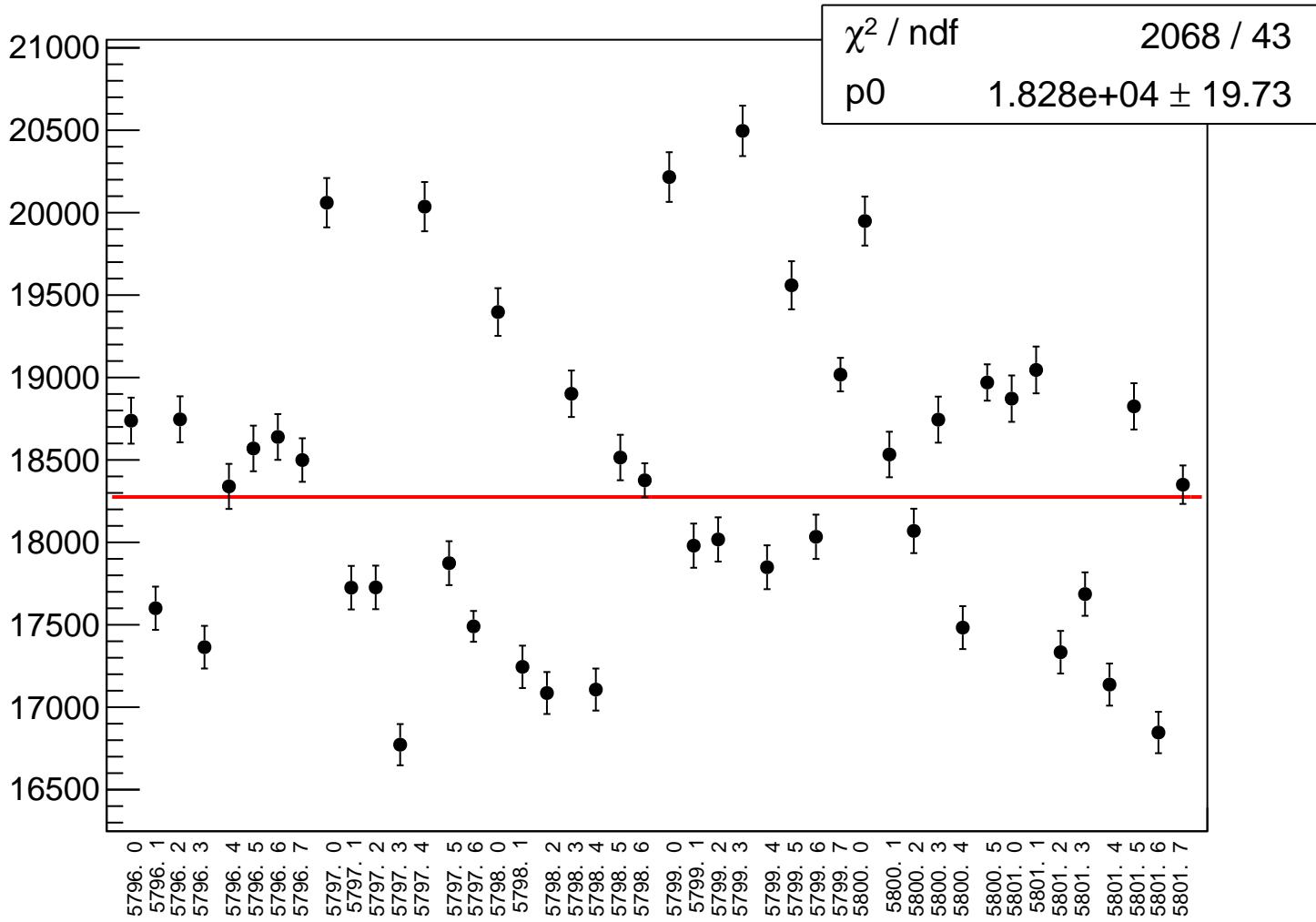
$9886 \pm 10.69$



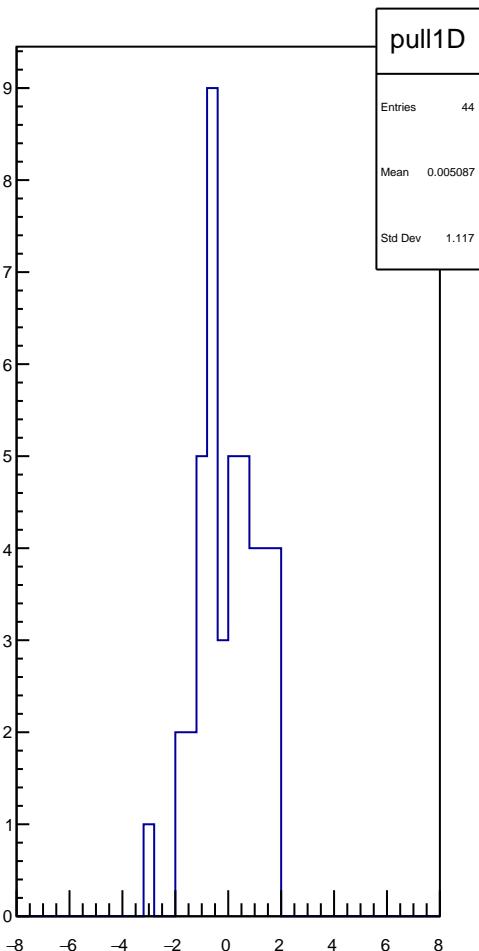
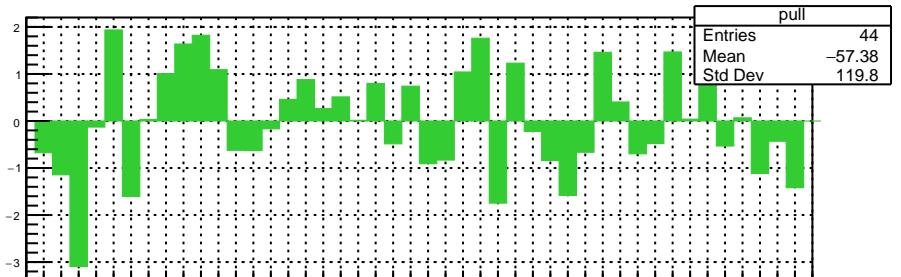
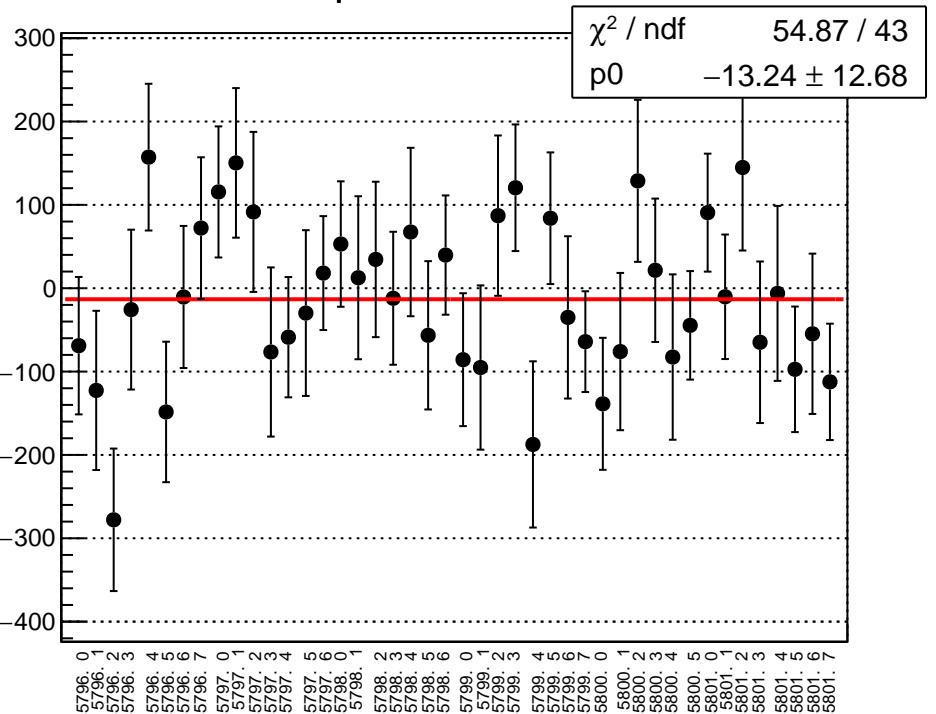
# diff\_bpm1X\_mean vs run



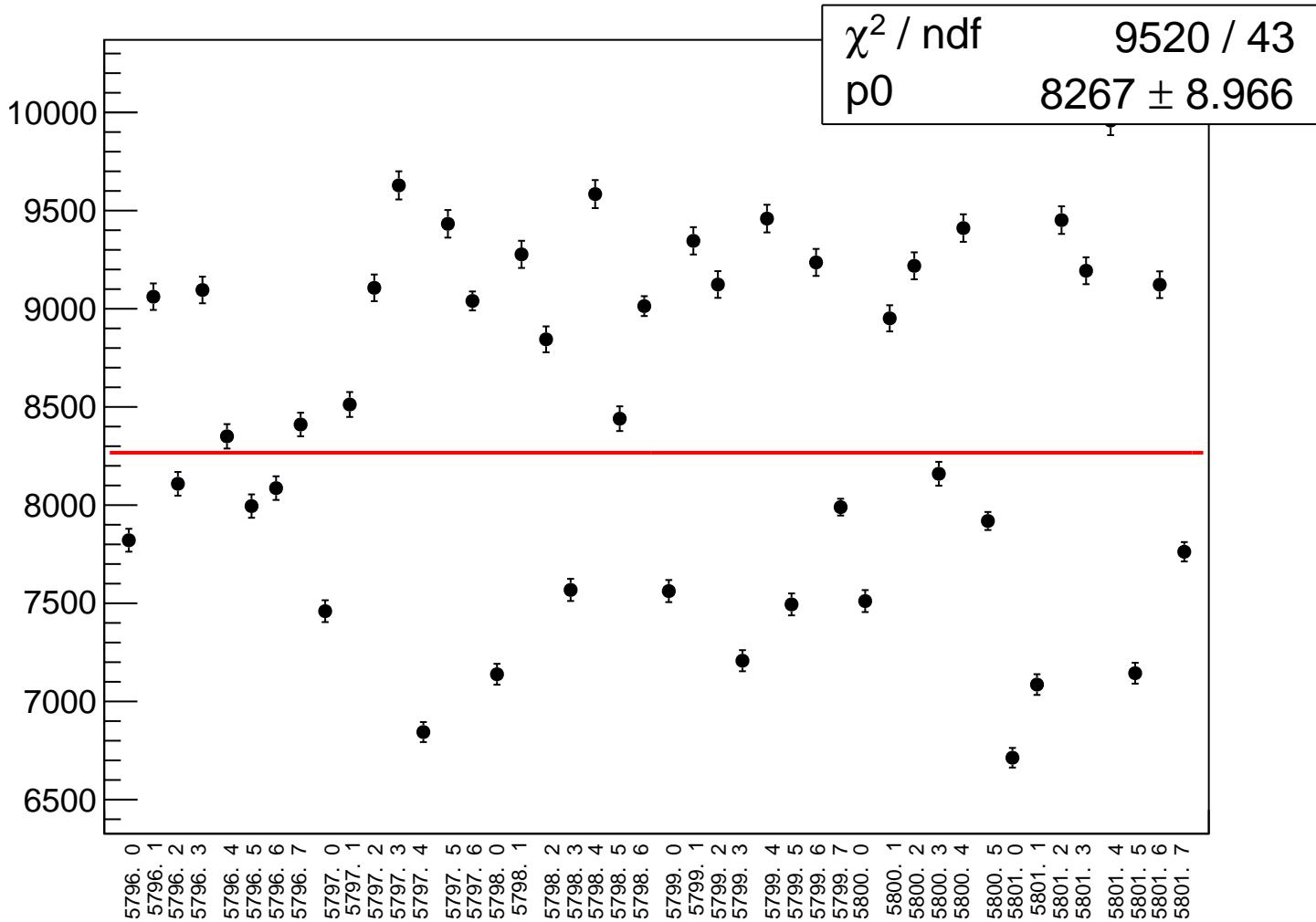
# diff\_bpm1X\_rms vs run



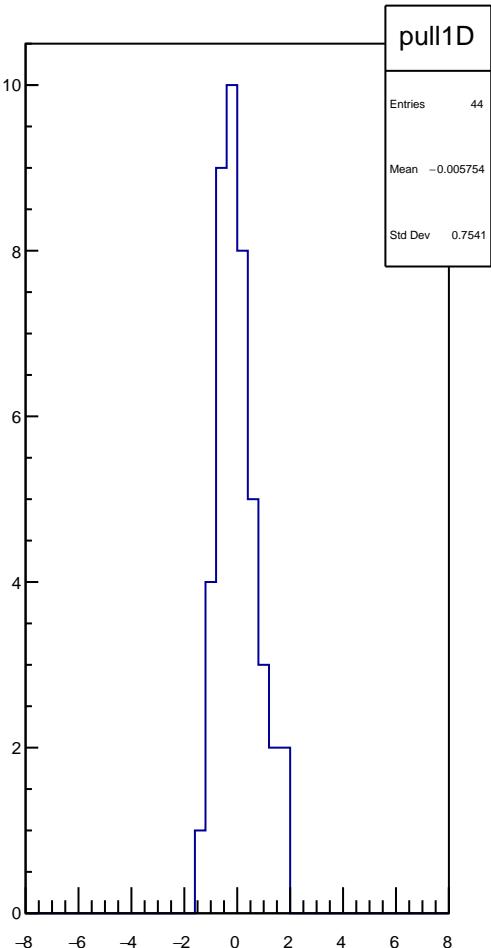
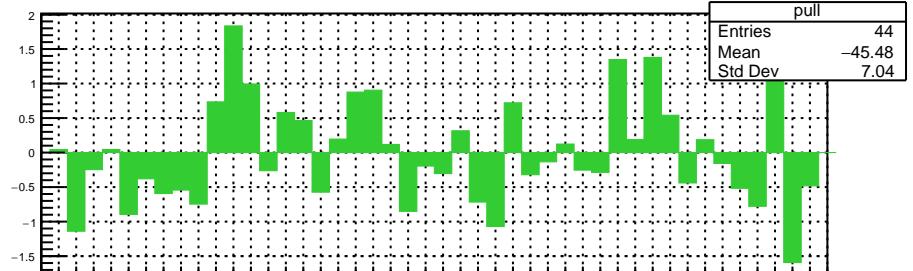
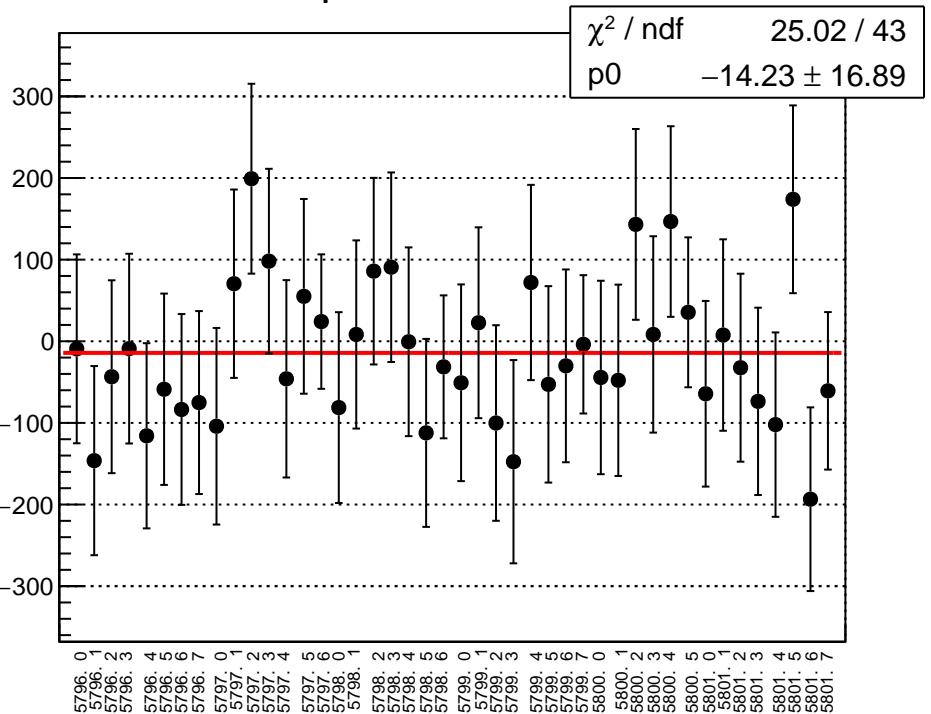
# diff\_bpm1Y\_mean vs run



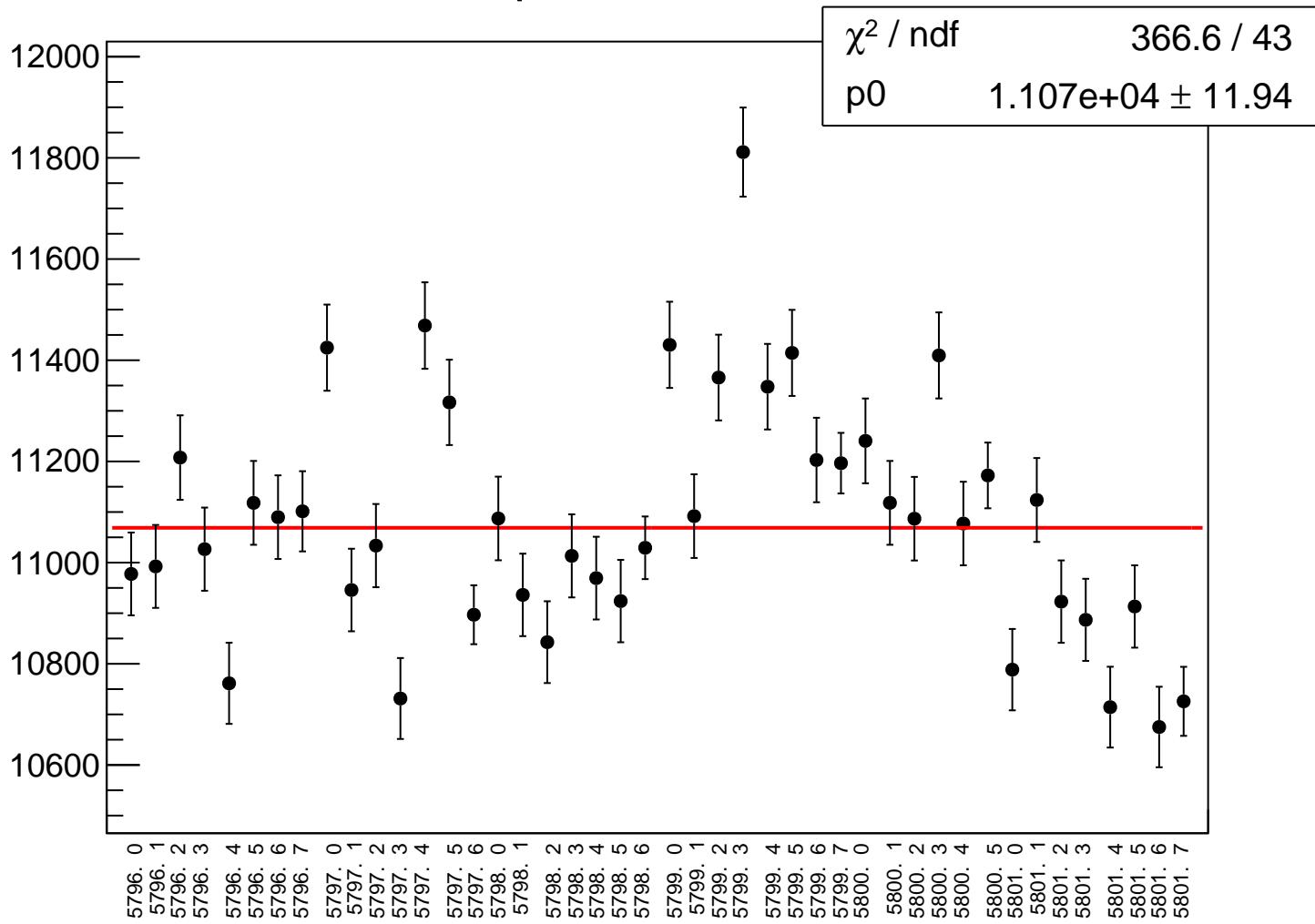
# diff\_bpm1Y\_rms vs run



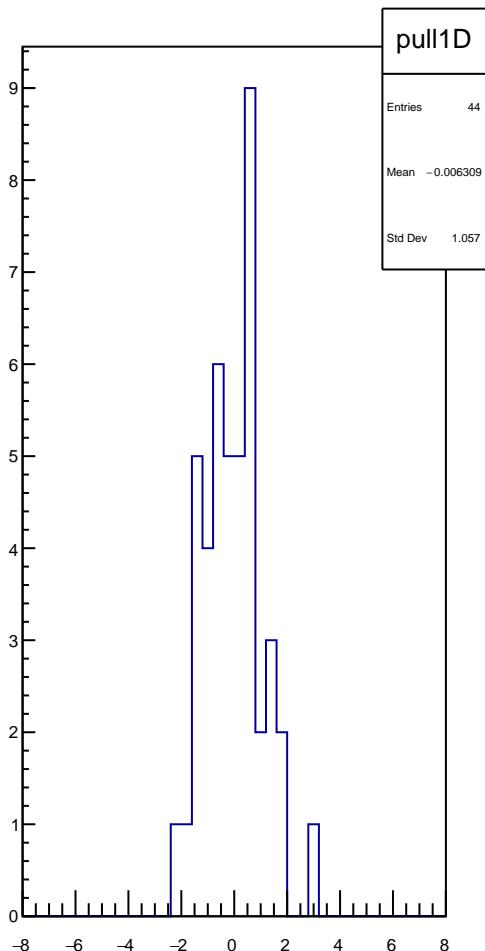
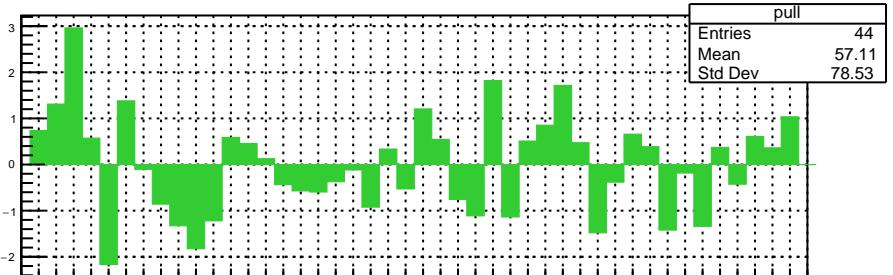
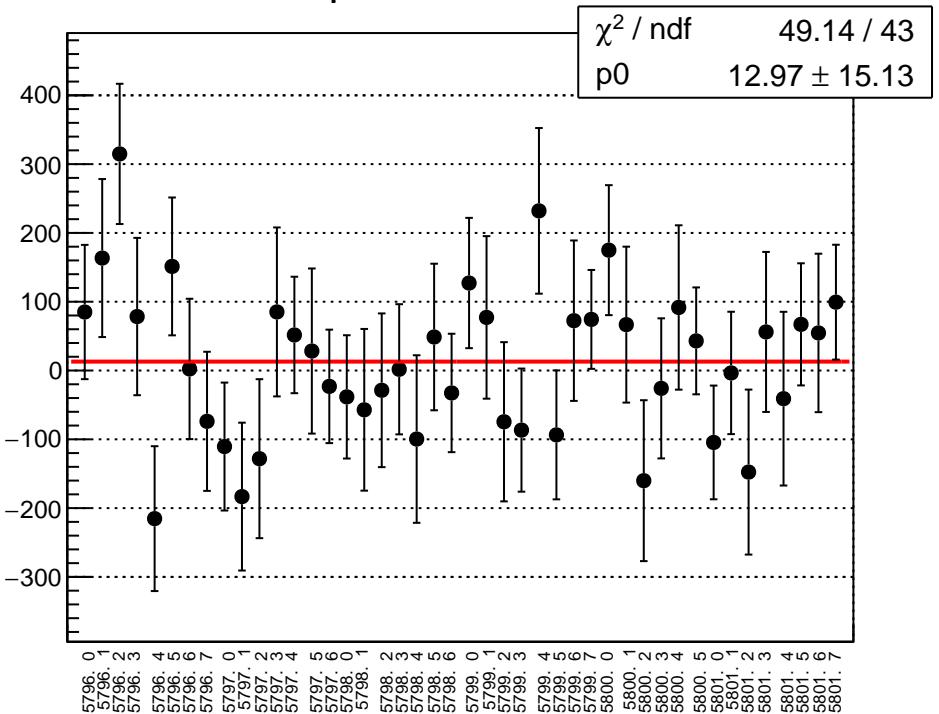
# diff\_bpm11X\_mean vs run



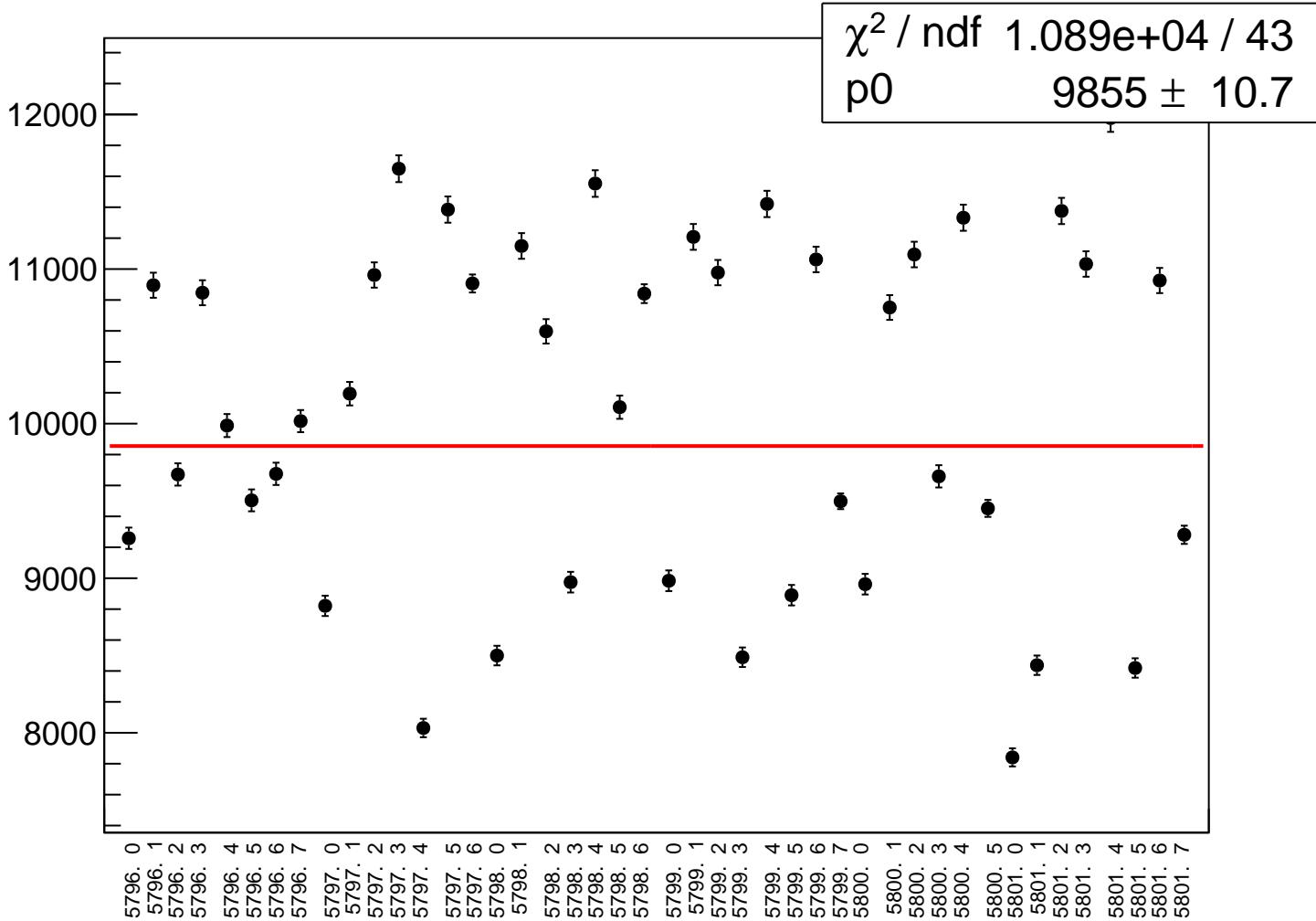
# diff\_bpm11X\_rms vs run



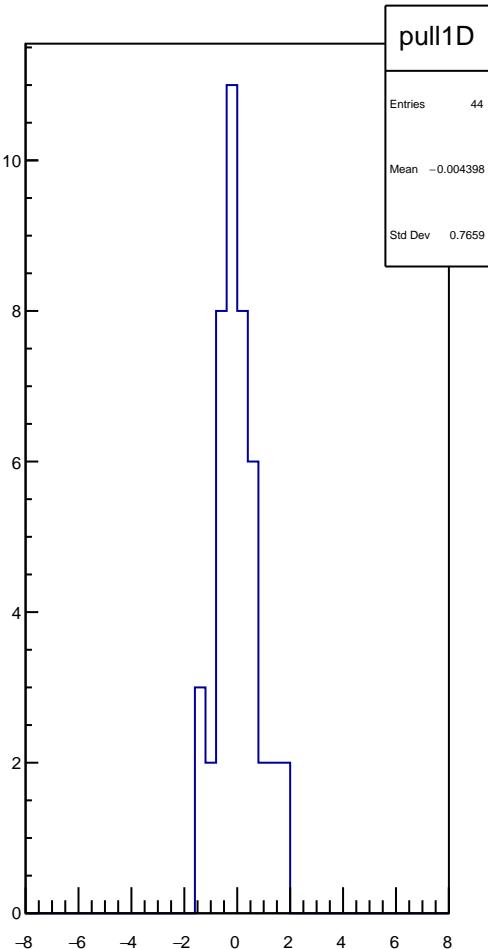
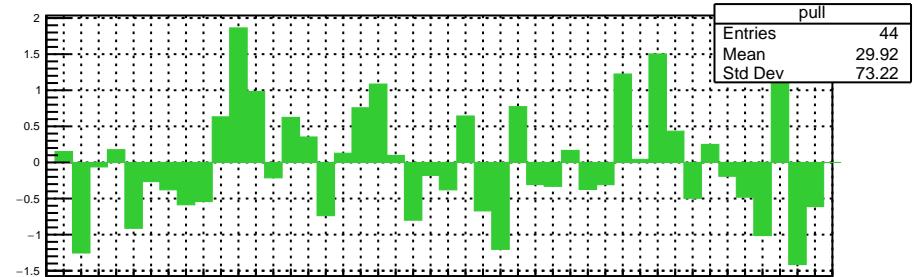
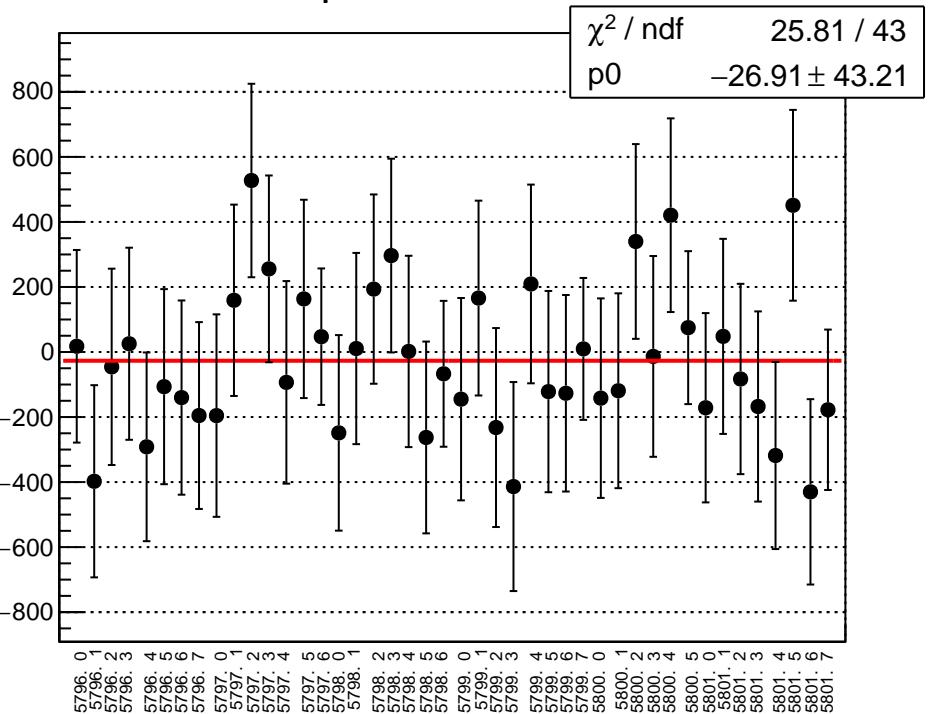
# diff\_bpm11Y\_mean vs run



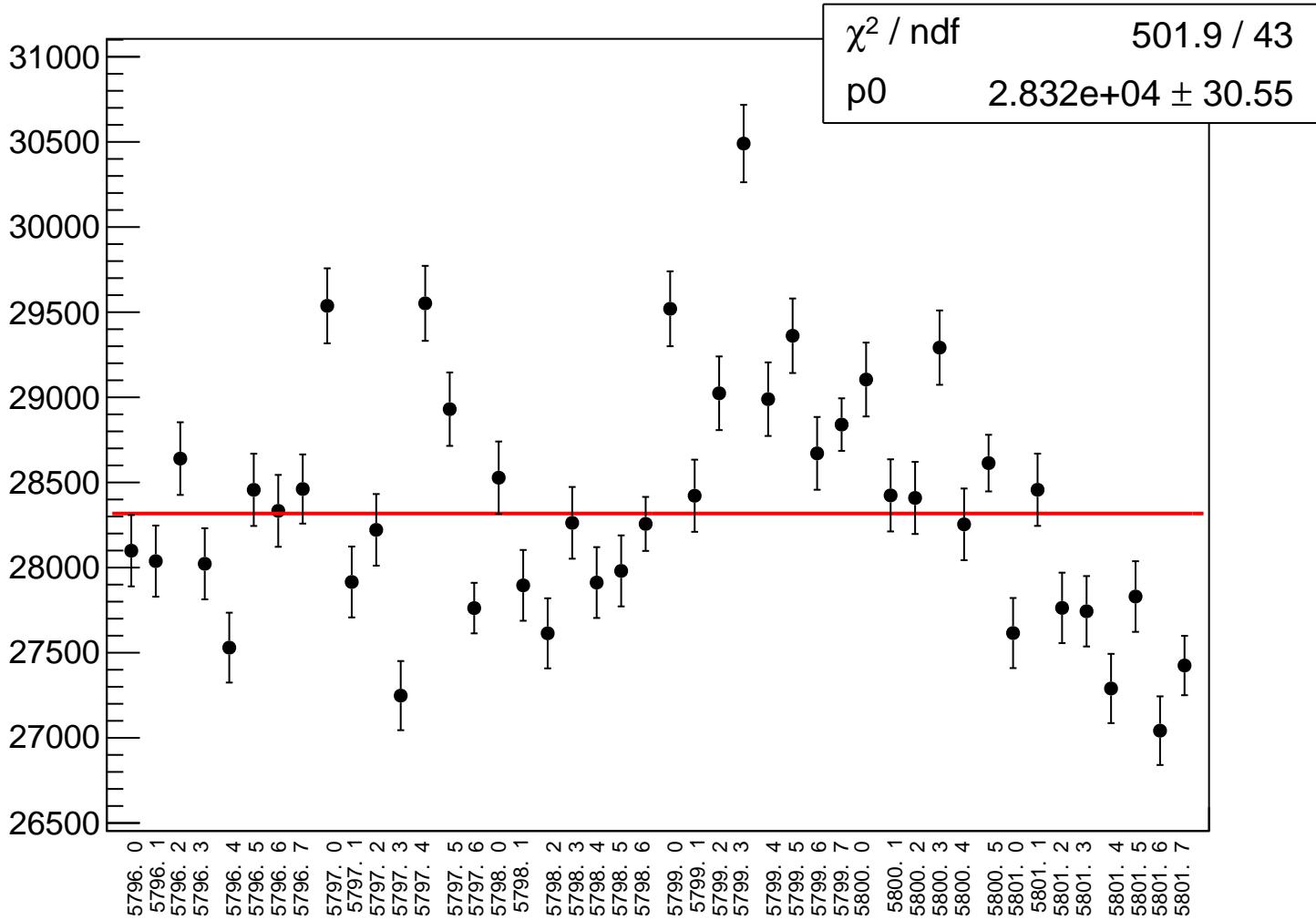
# diff\_bpm11Y\_rms vs run



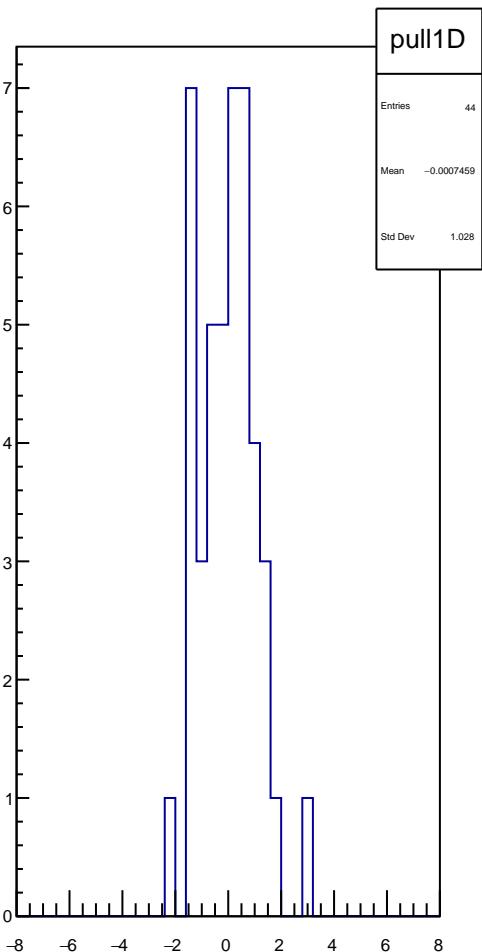
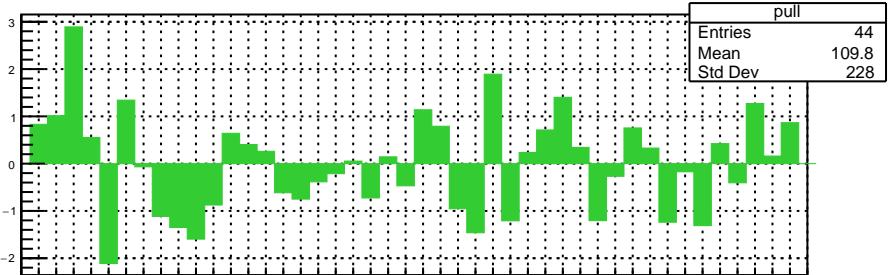
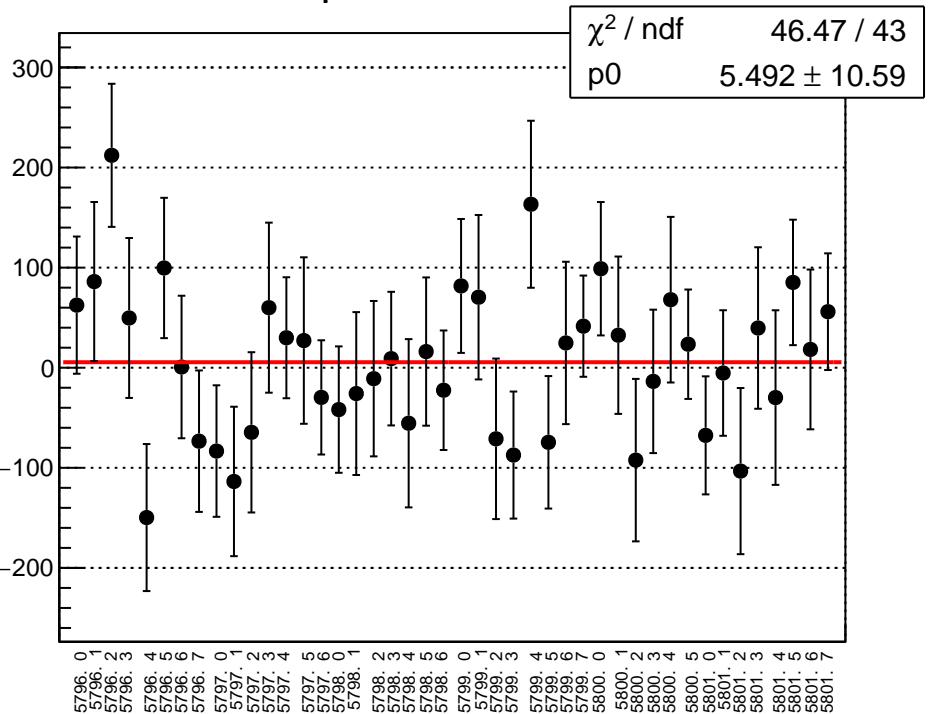
# diff\_bpm12X\_mean vs run



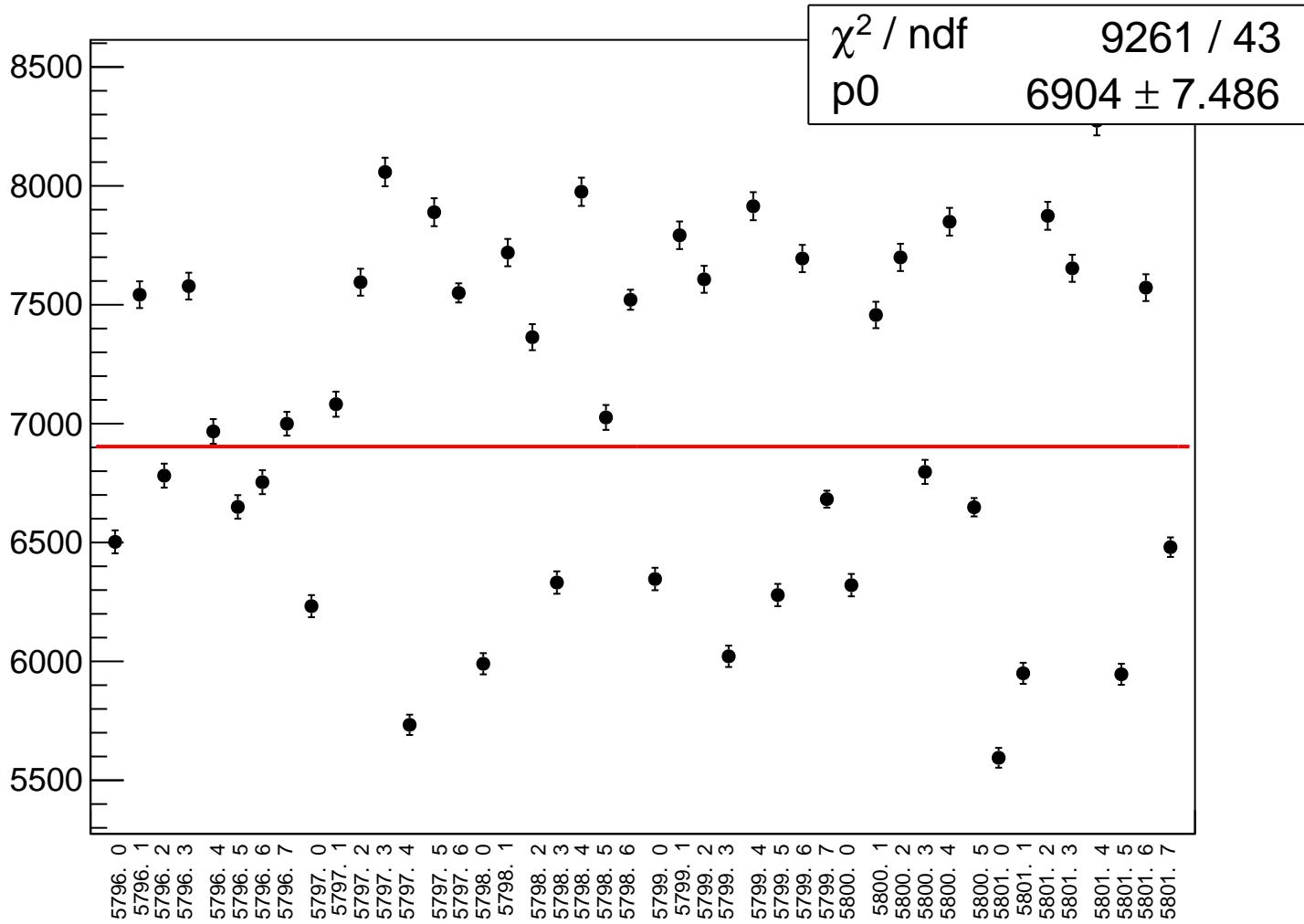
# diff\_bpm12X\_rms vs run



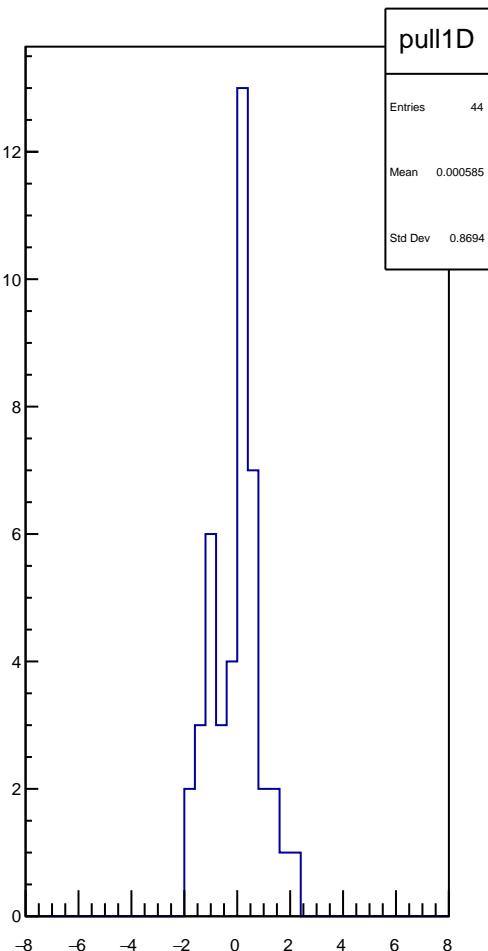
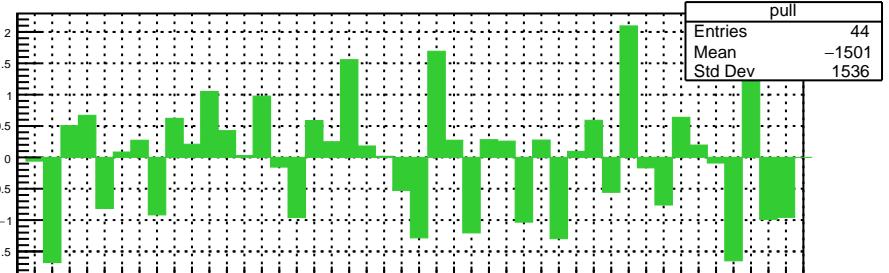
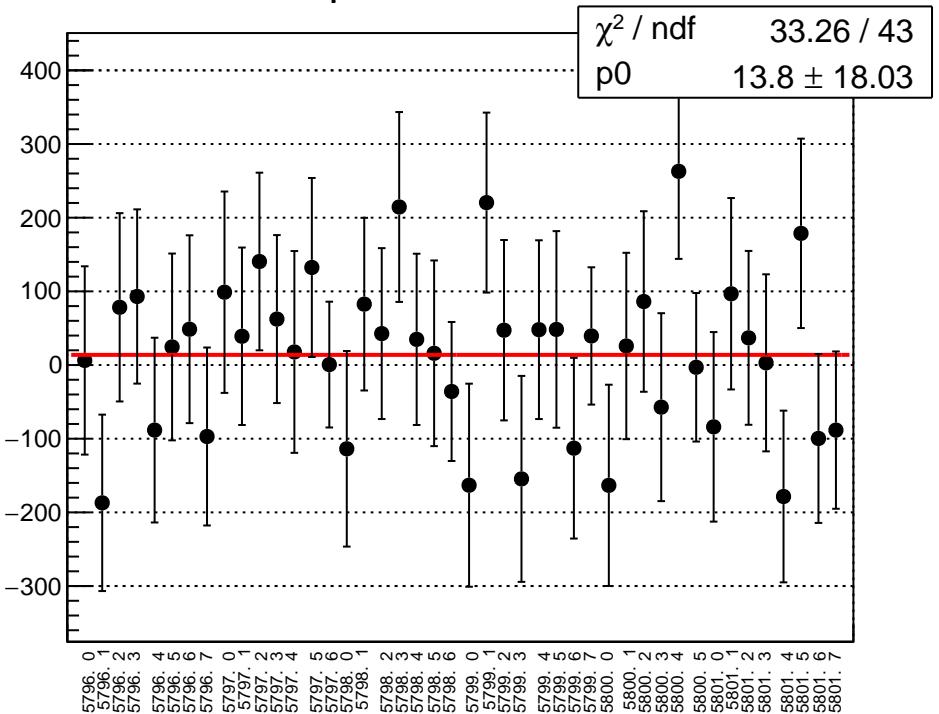
# diff\_bpm12Y\_mean vs run



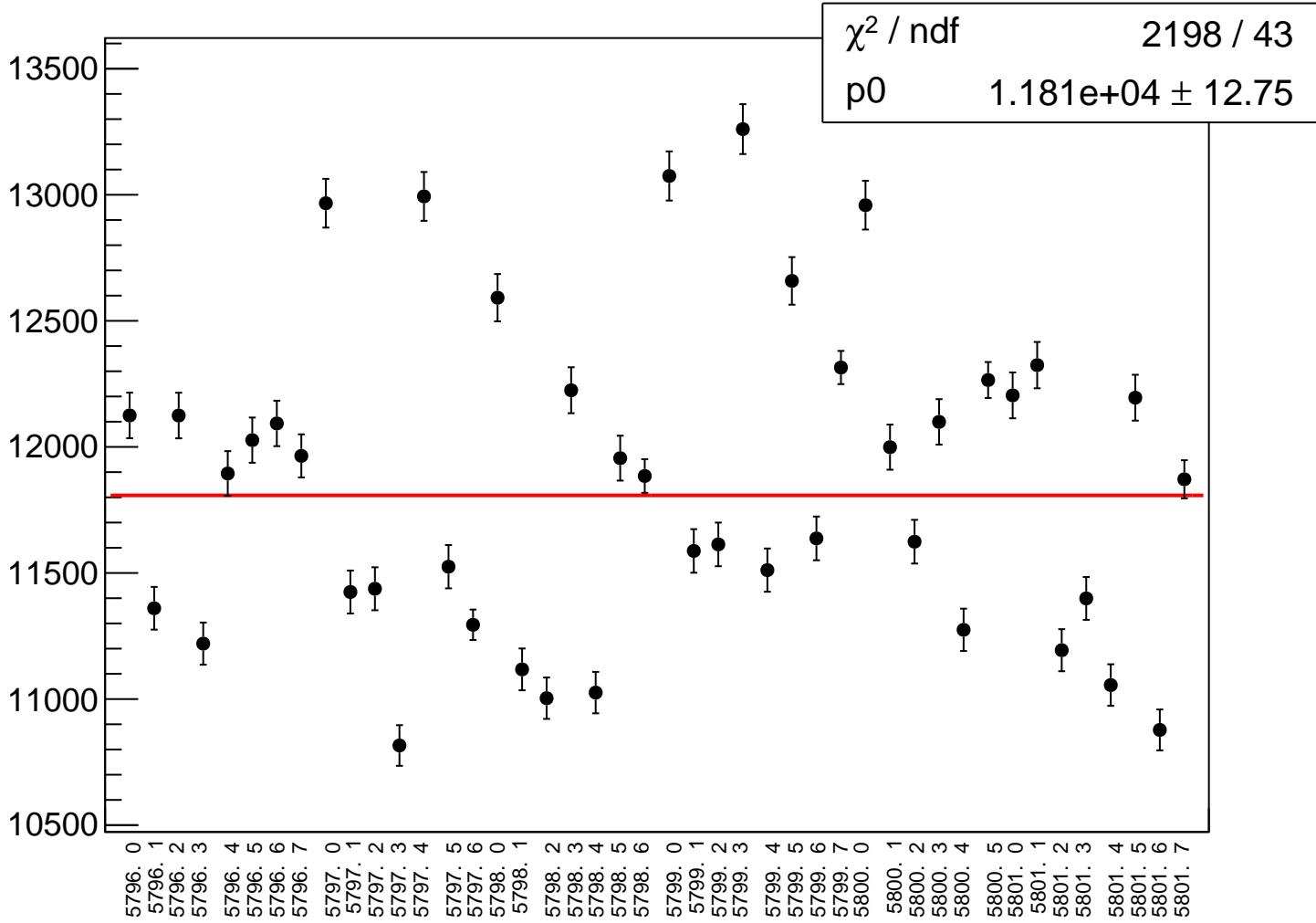
# diff\_bpm12Y\_rms vs run



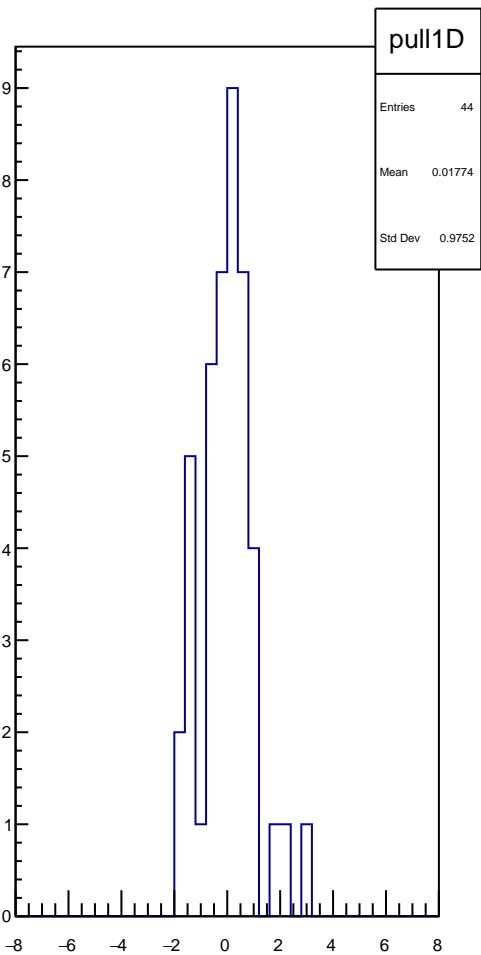
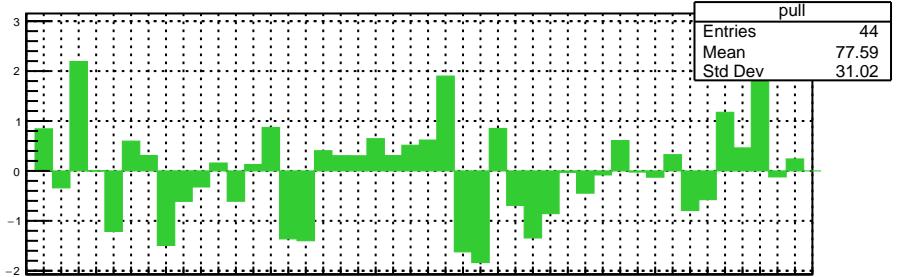
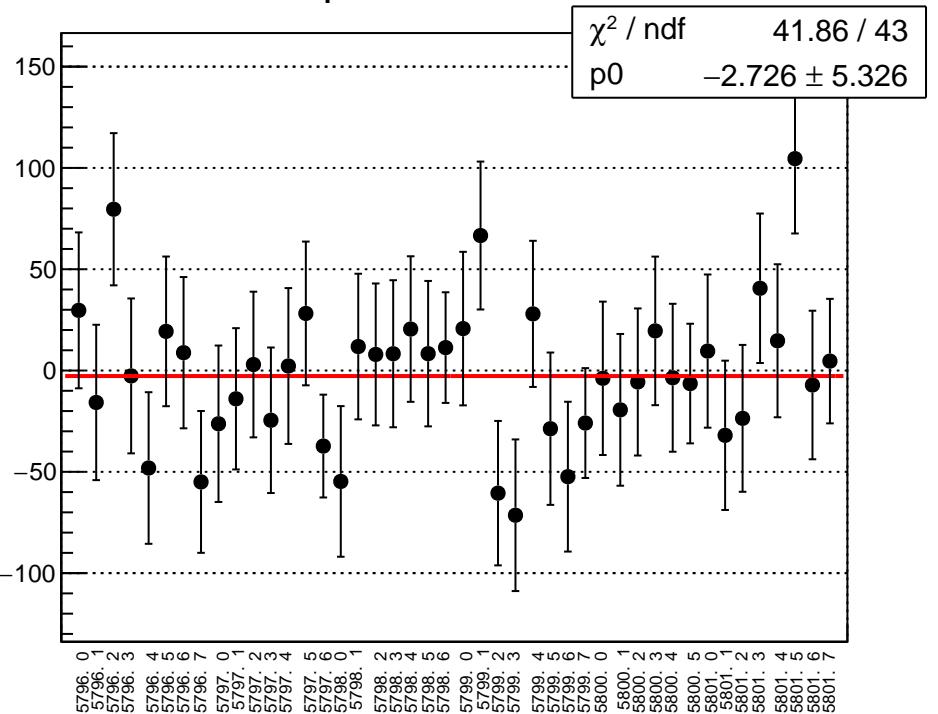
# diff\_bpm16X\_mean vs run



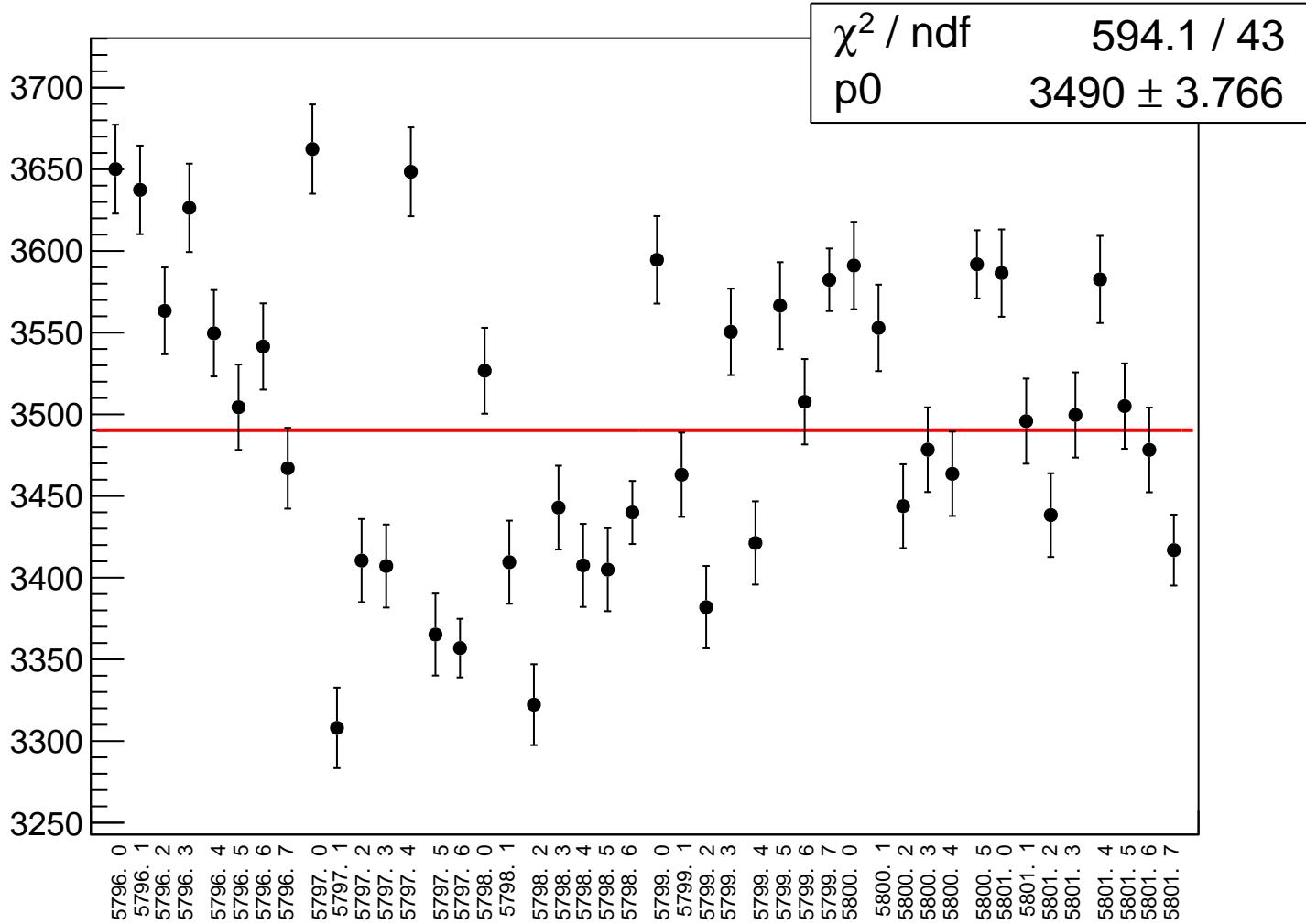
# diff\_bpm16X\_rms vs run



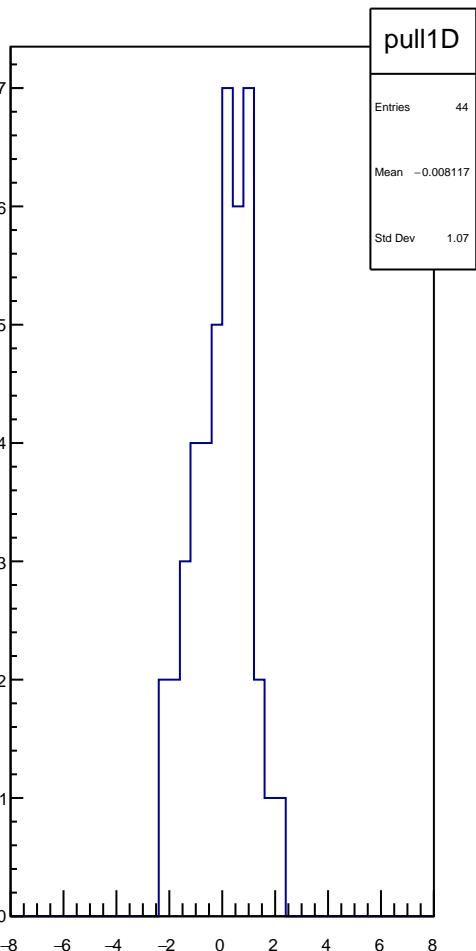
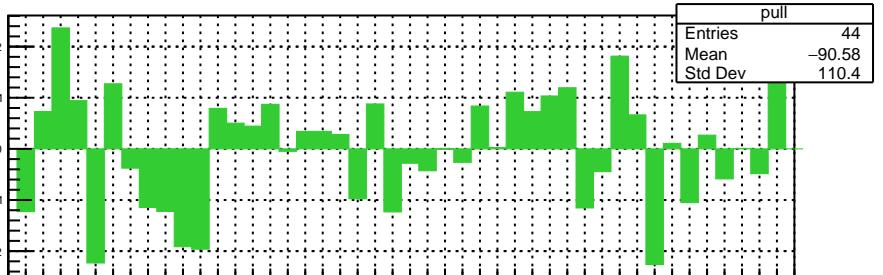
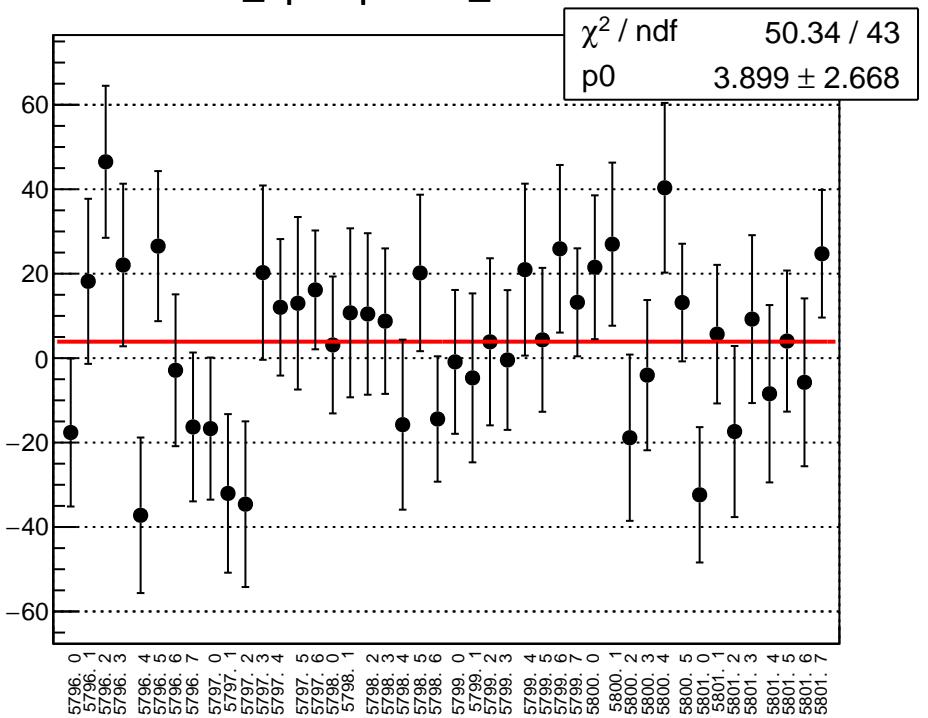
# diff\_bpm16Y\_mean vs run



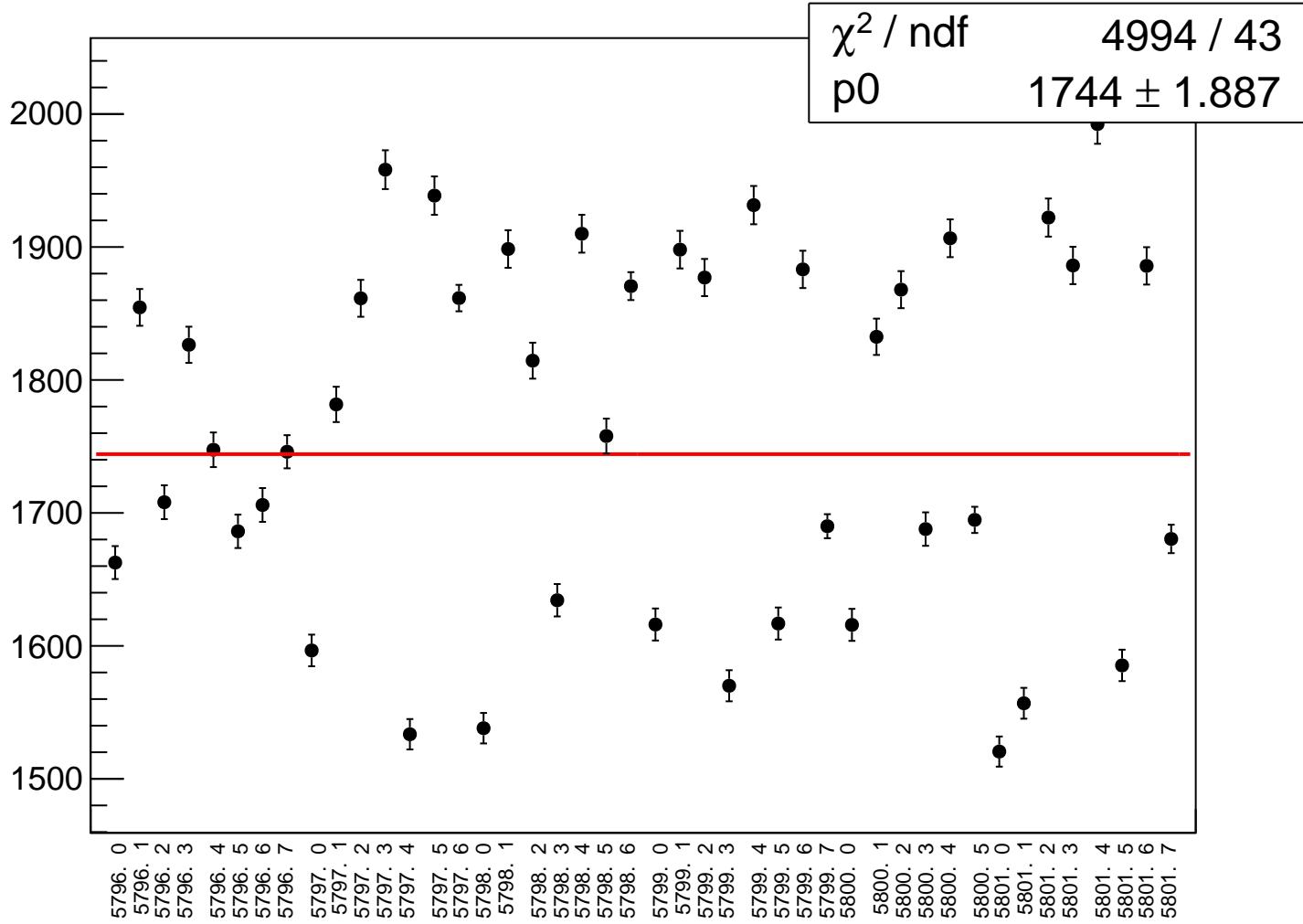
# diff\_bpm16Y\_rms vs run



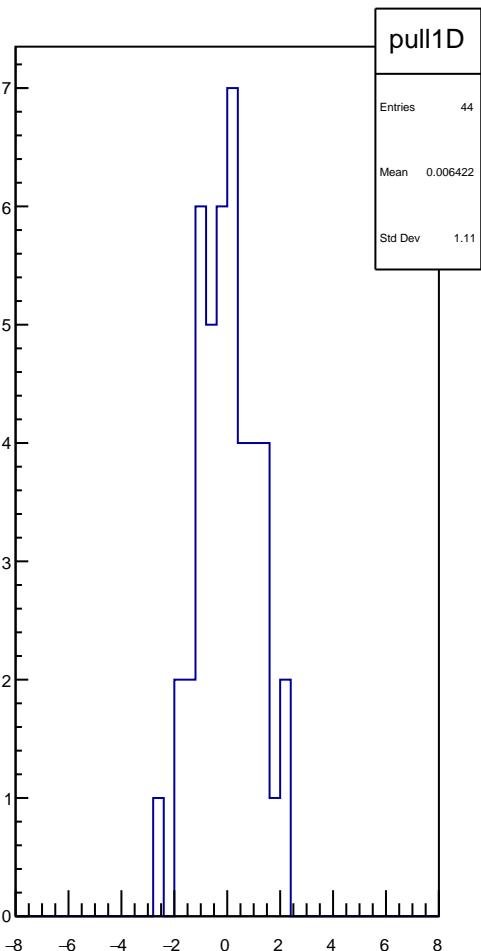
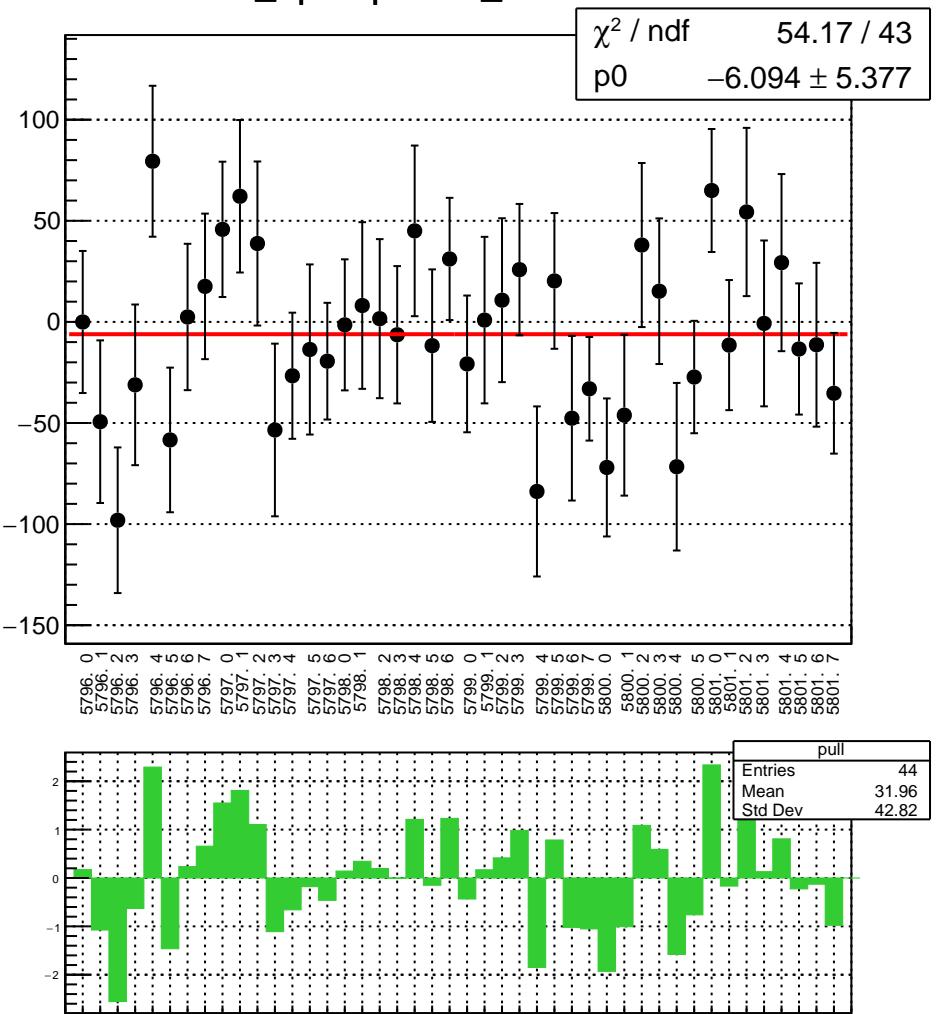
# diff\_bpm1p02bX\_mean vs run



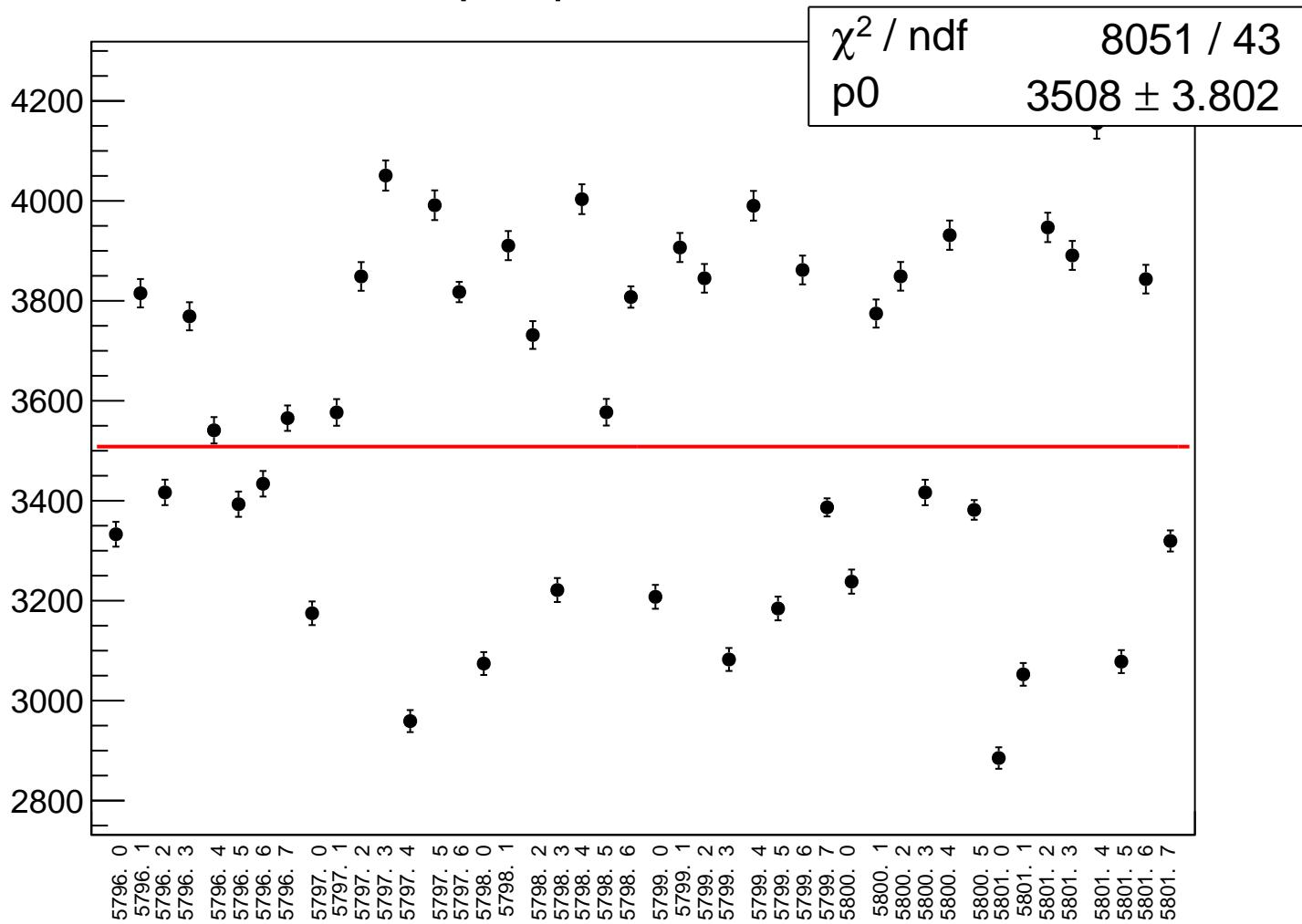
# diff\_bpm1p02bX\_rms vs run



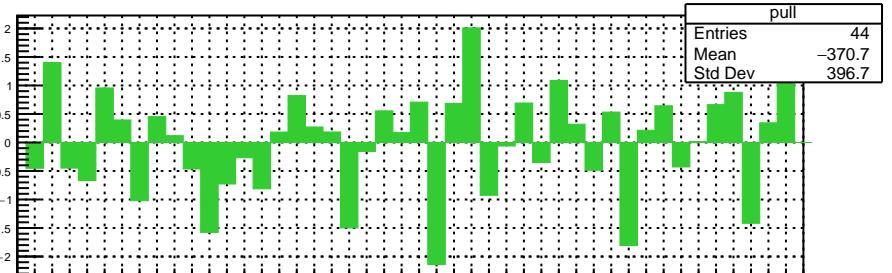
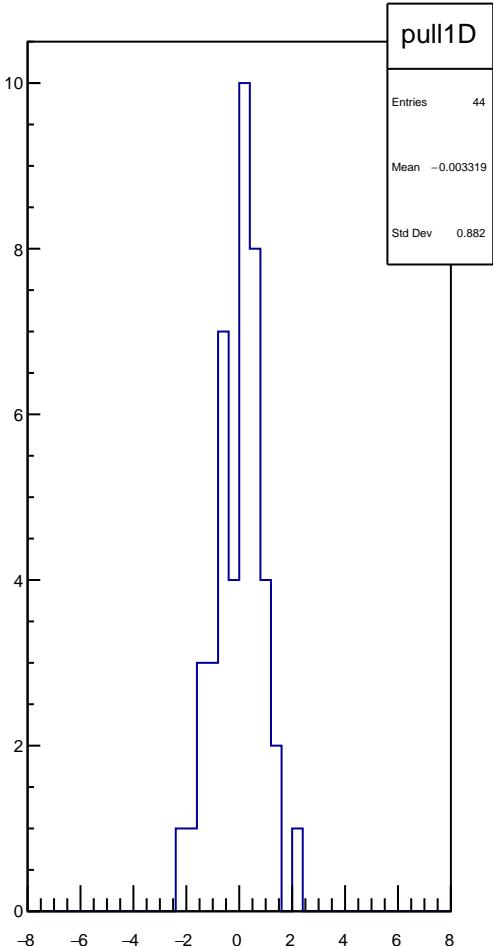
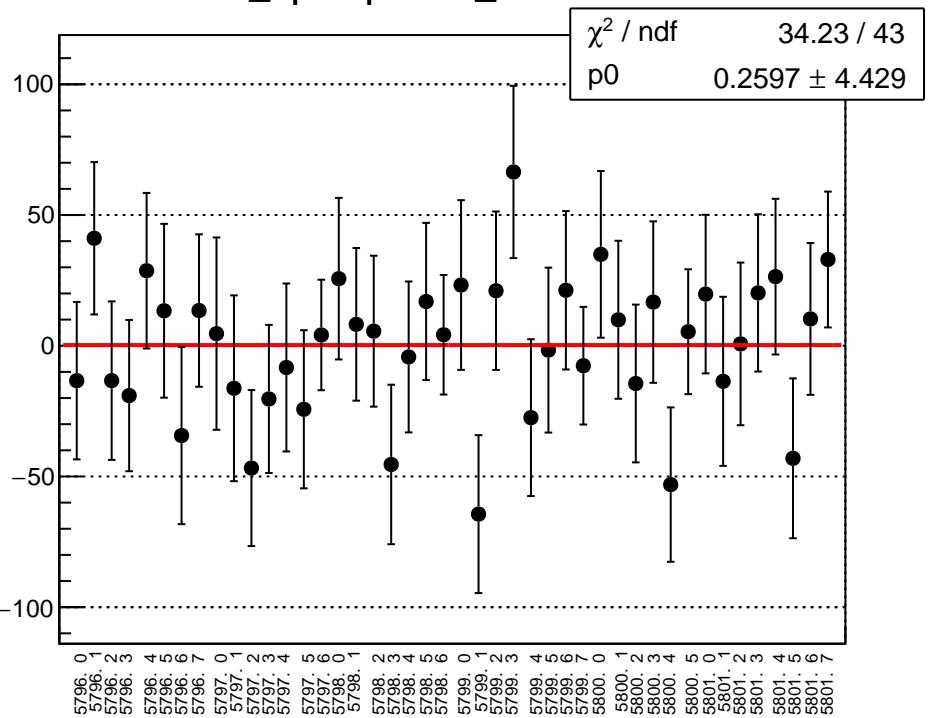
# diff\_bpm1p02bY\_mean vs run



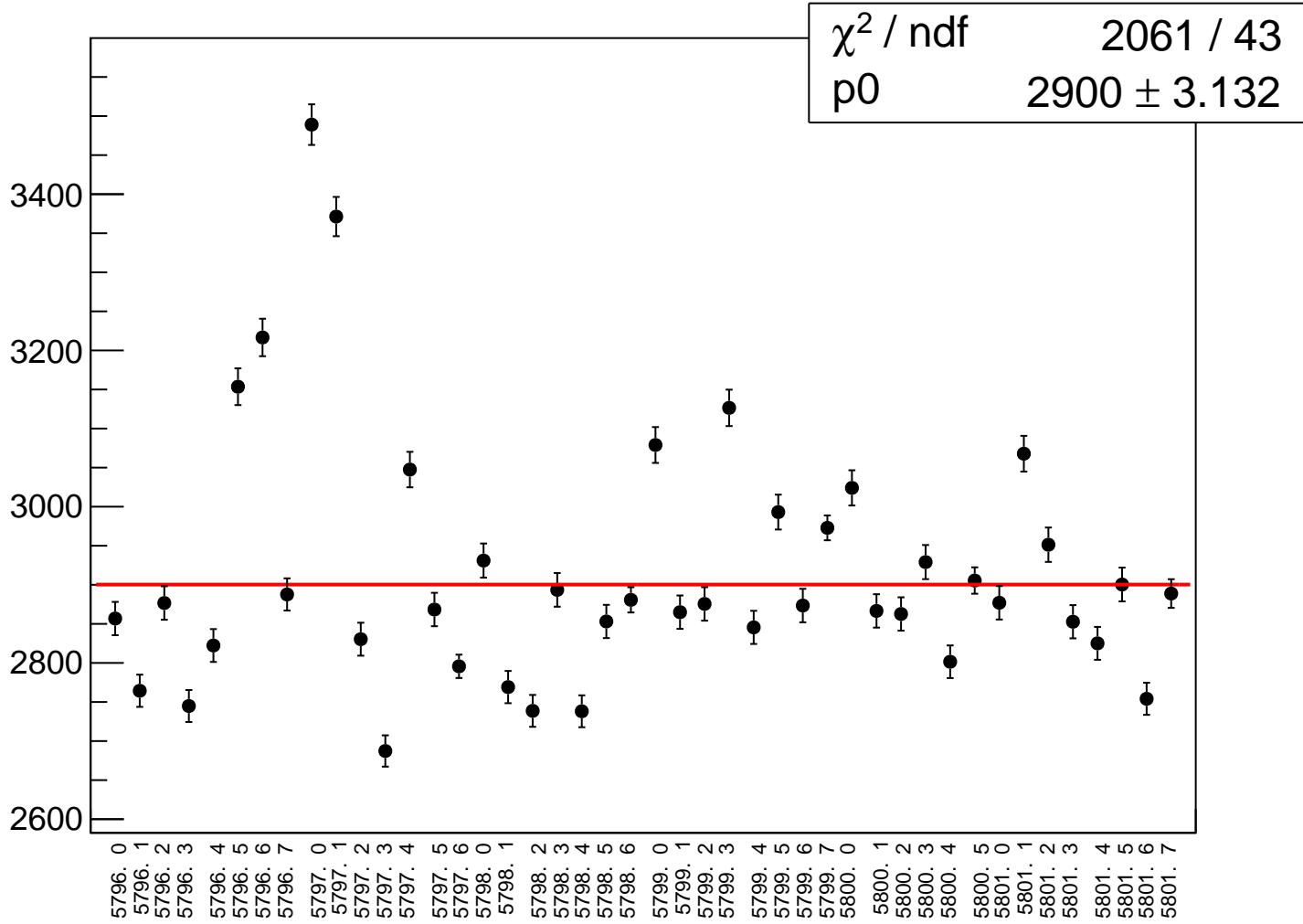
# diff\_bpm1p02bY\_rms vs run



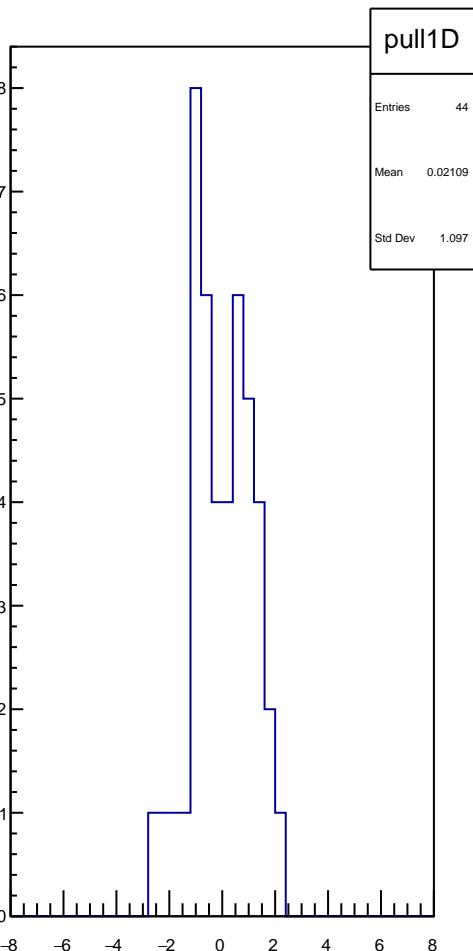
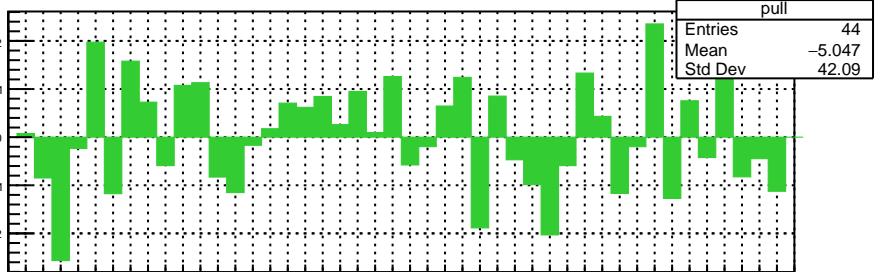
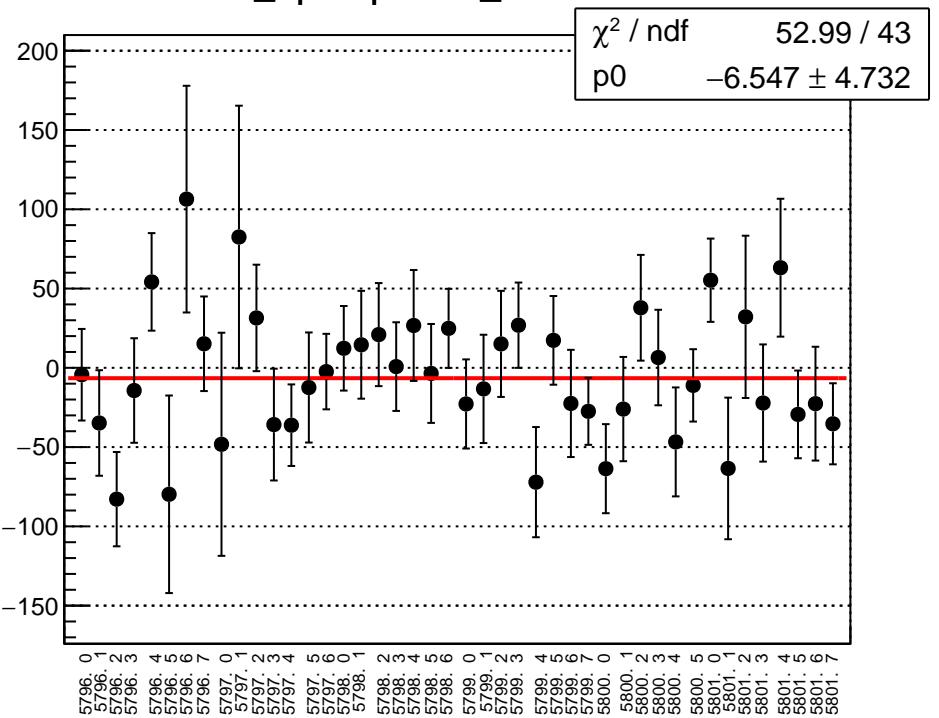
# diff\_bpm1p03aX\_mean vs run



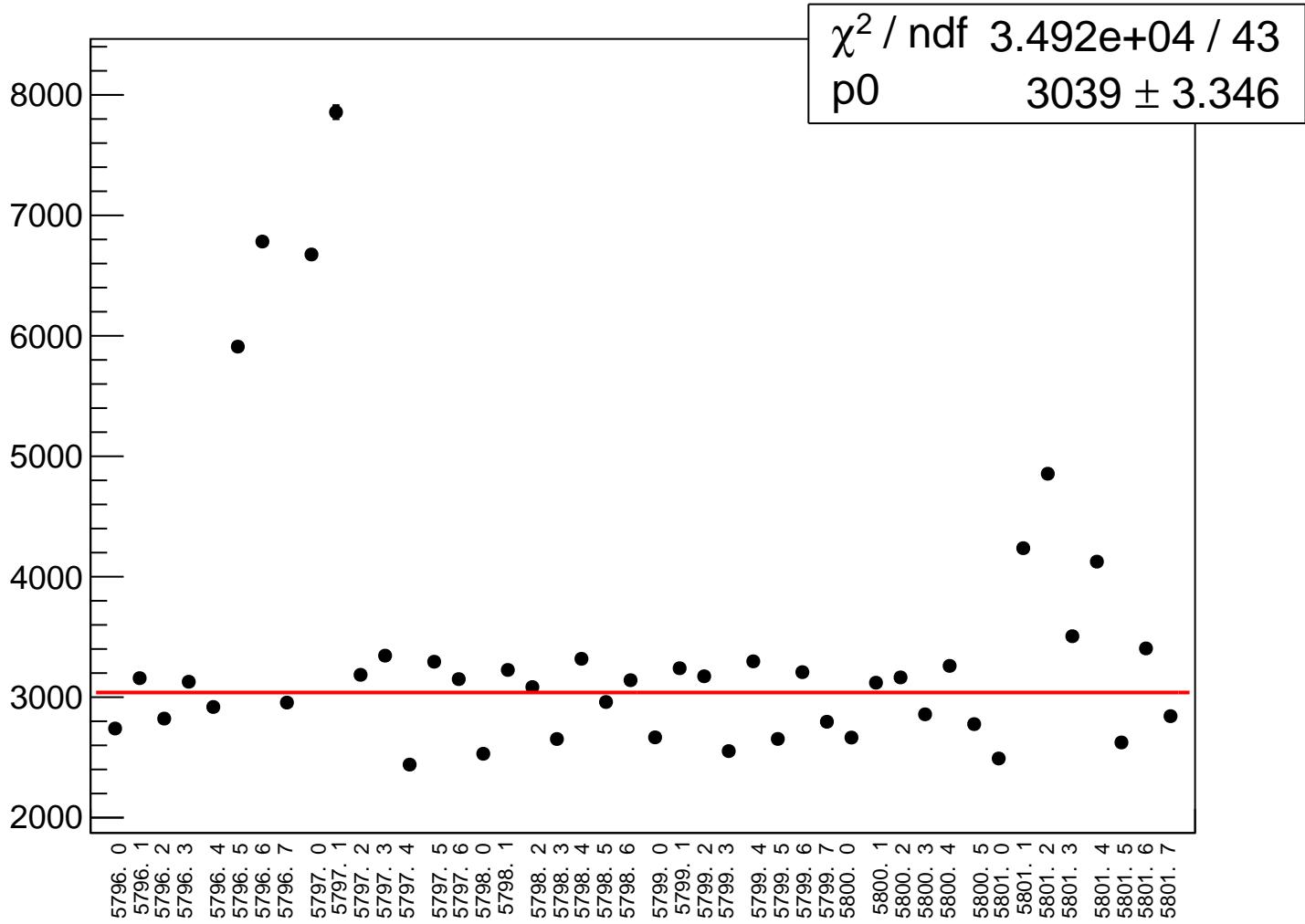
# diff\_bpm1p03aX\_rms vs run



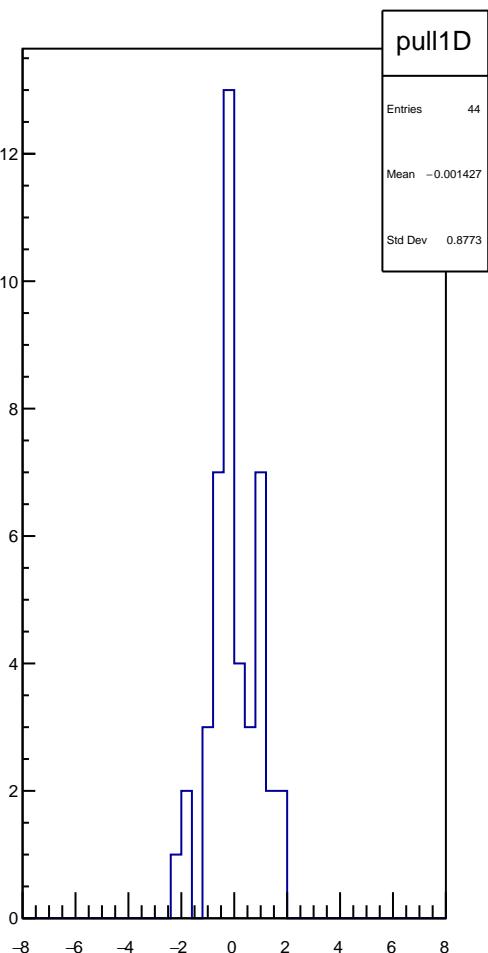
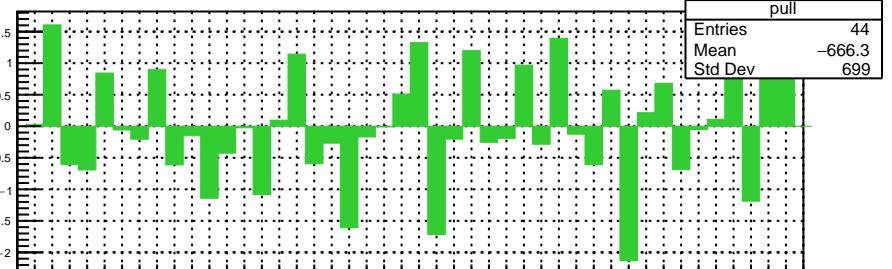
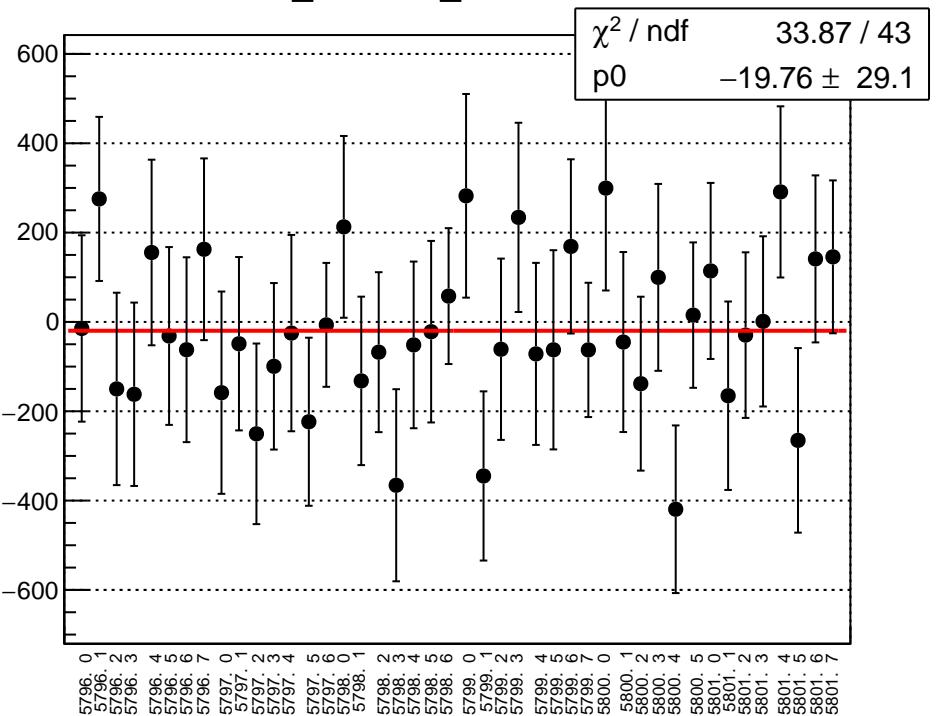
# diff\_bpm1p03aY\_mean vs run



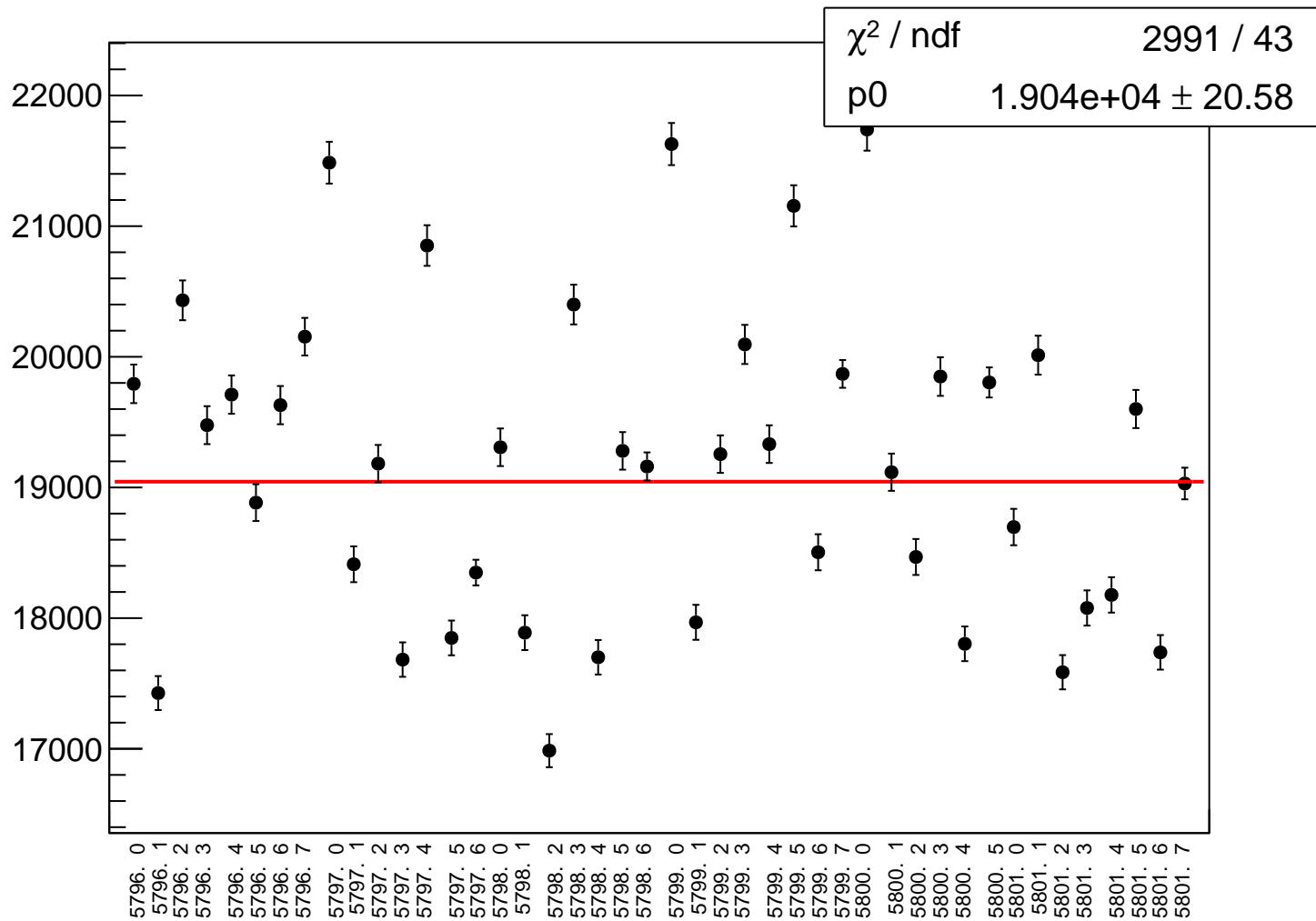
# diff\_bpm1p03aY\_rms vs run



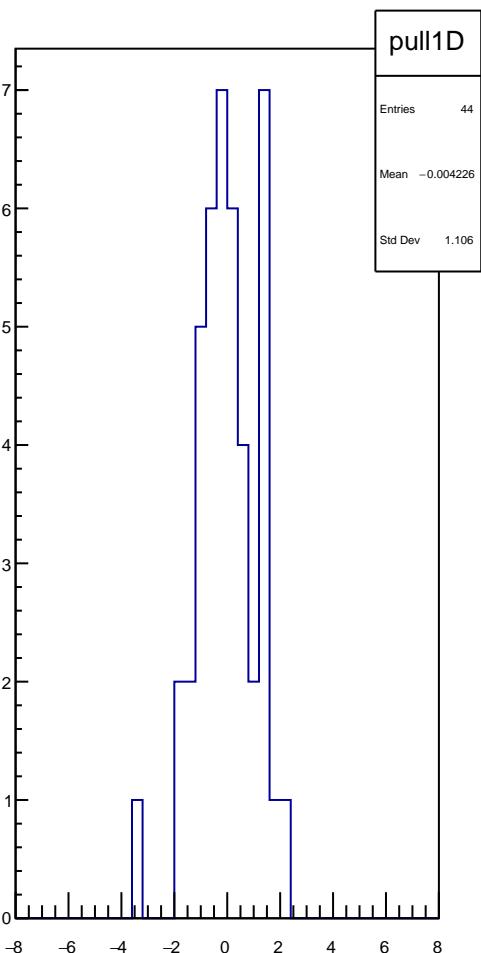
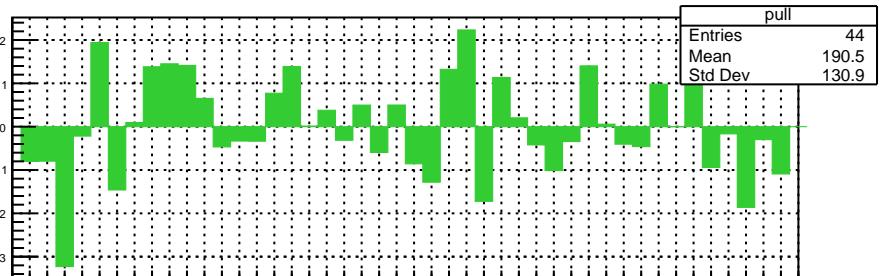
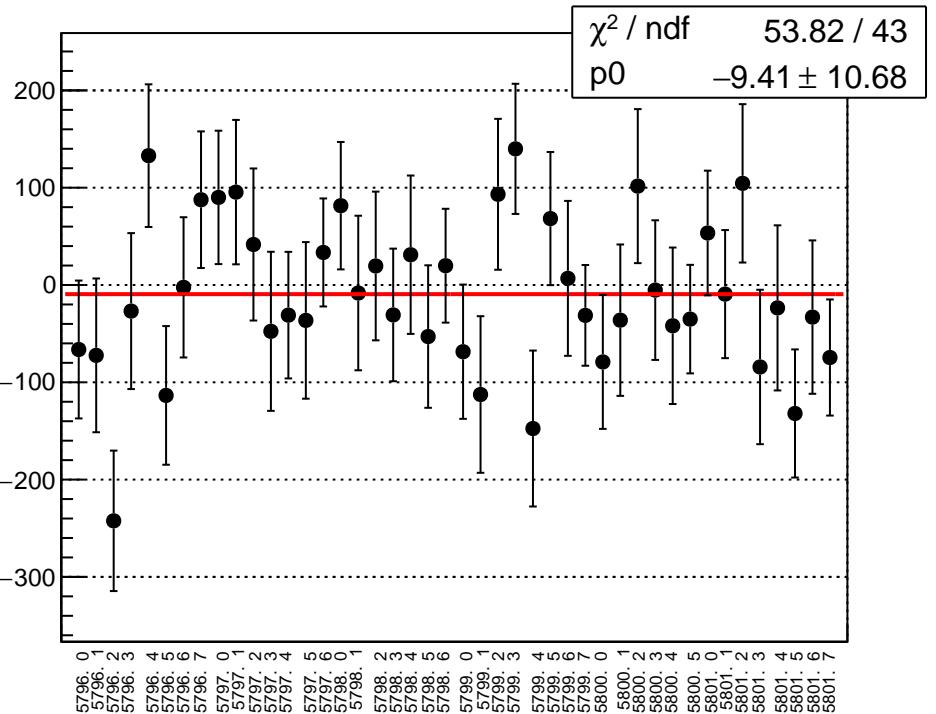
# diff\_cav4bX\_mean vs run



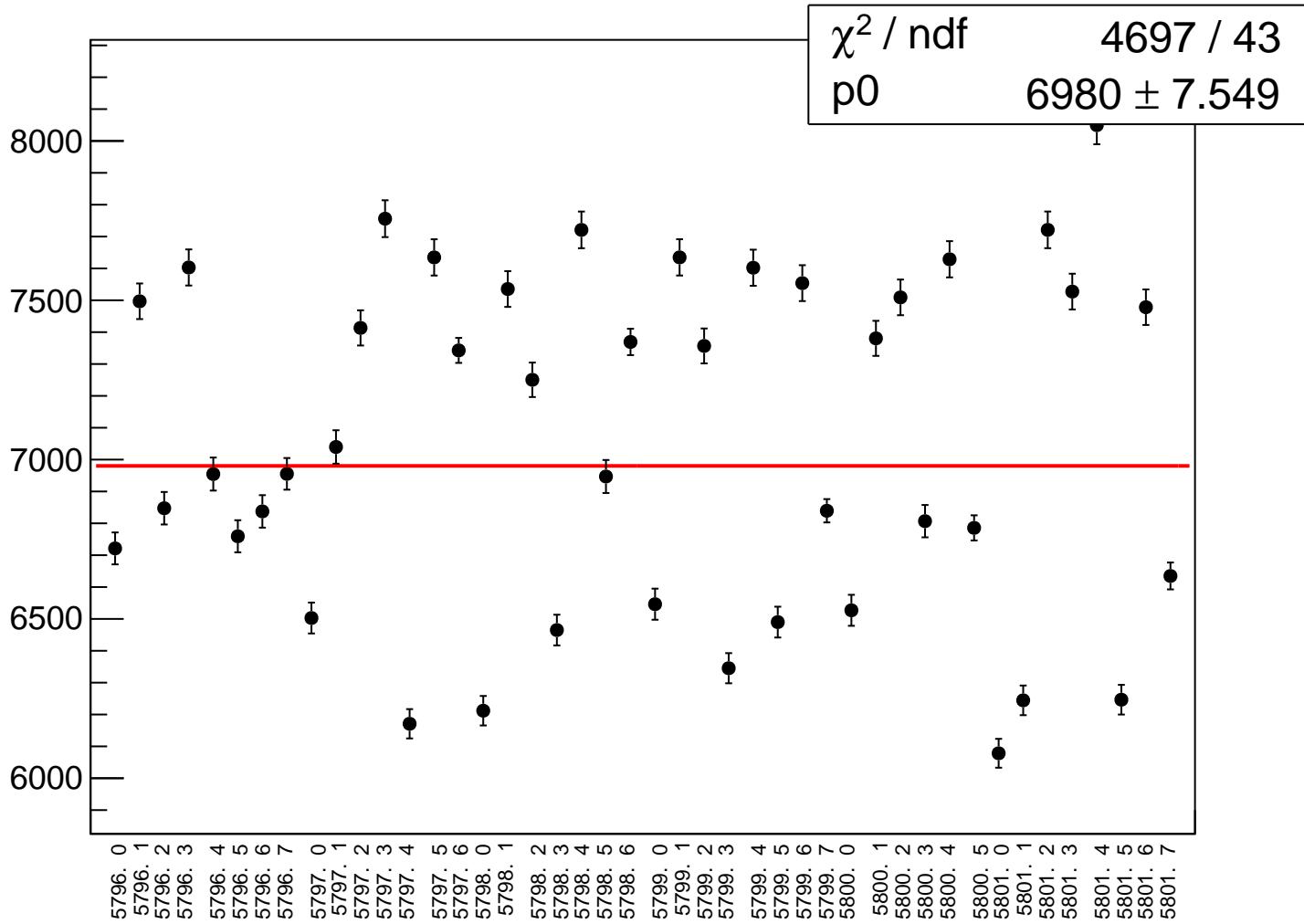
# diff\_cav4bX\_rms vs run



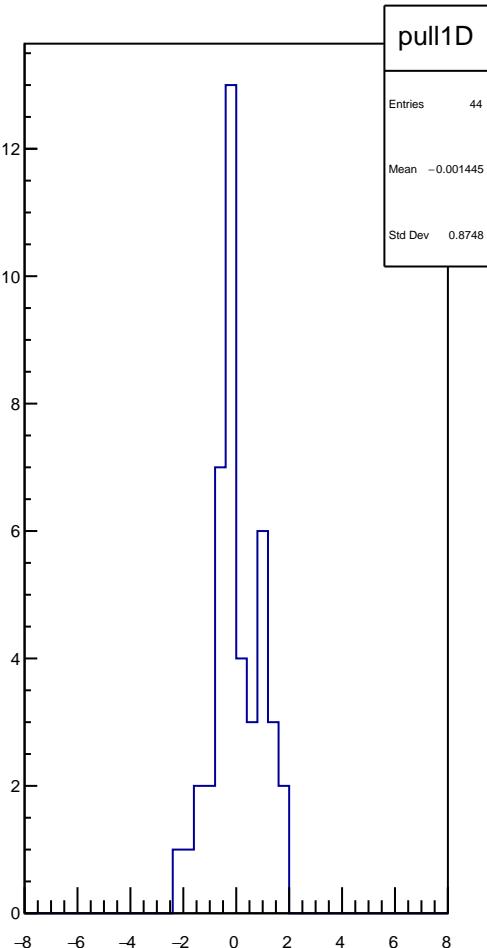
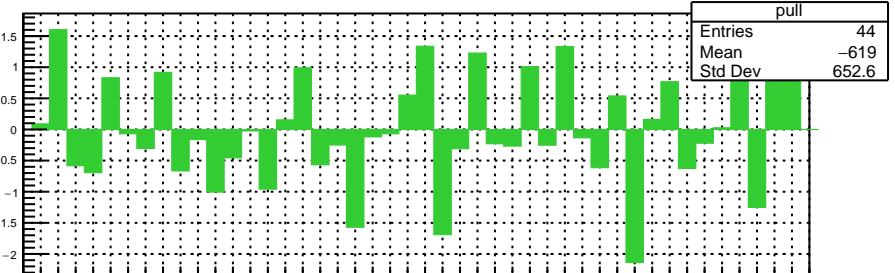
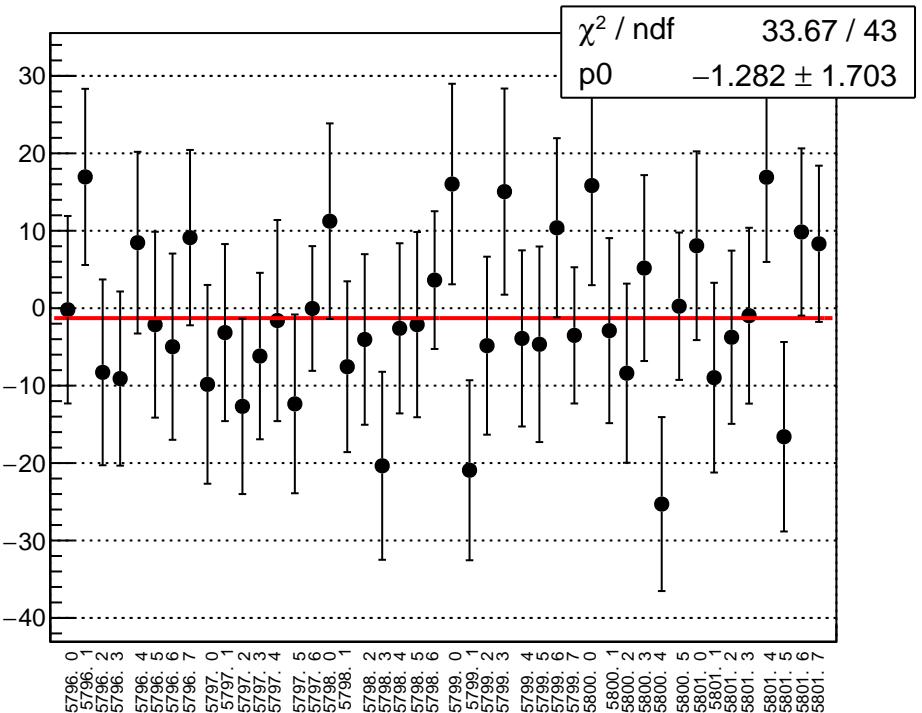
# diff\_cav4bY\_mean vs run



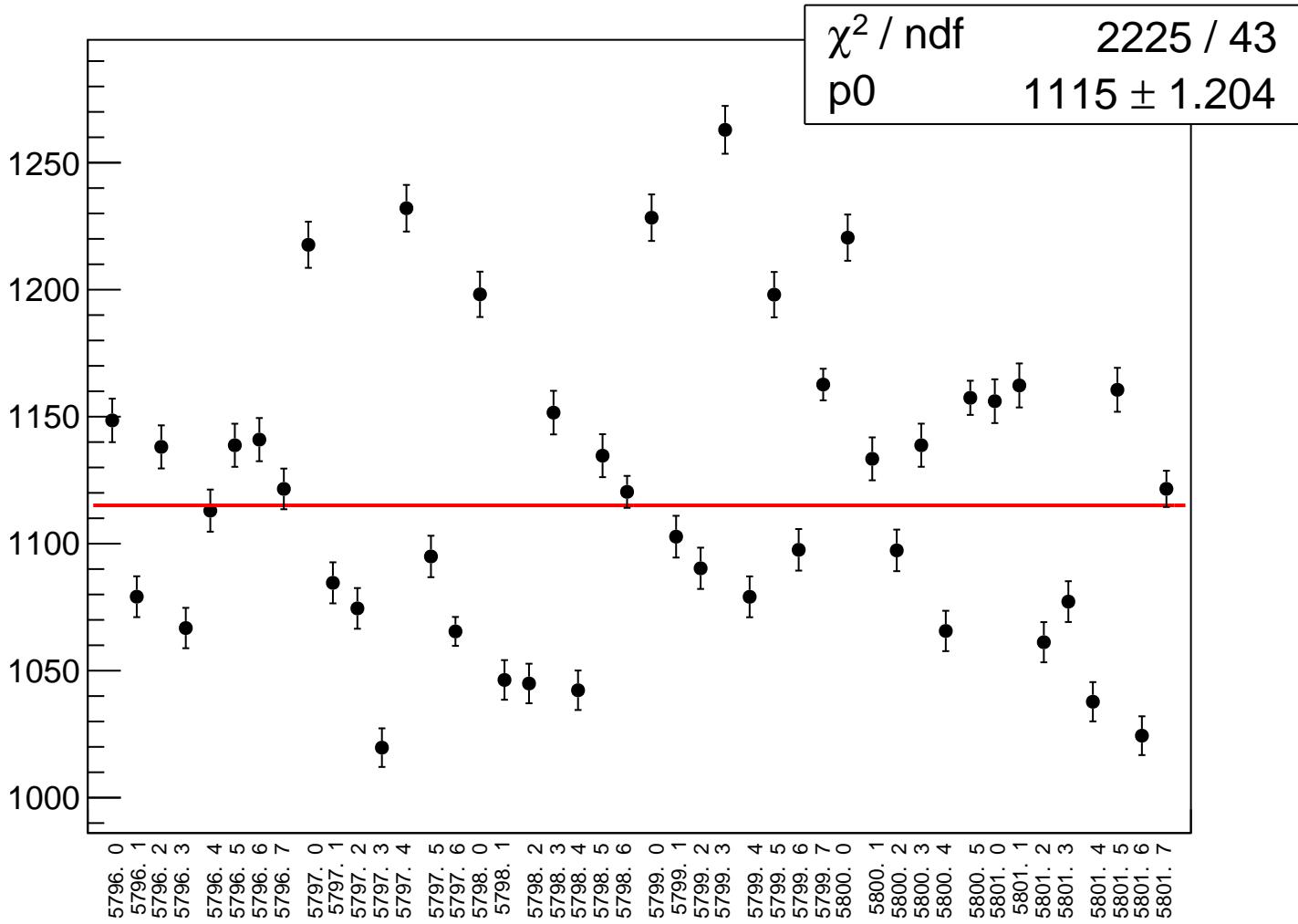
# diff\_cav4bY\_rms vs run



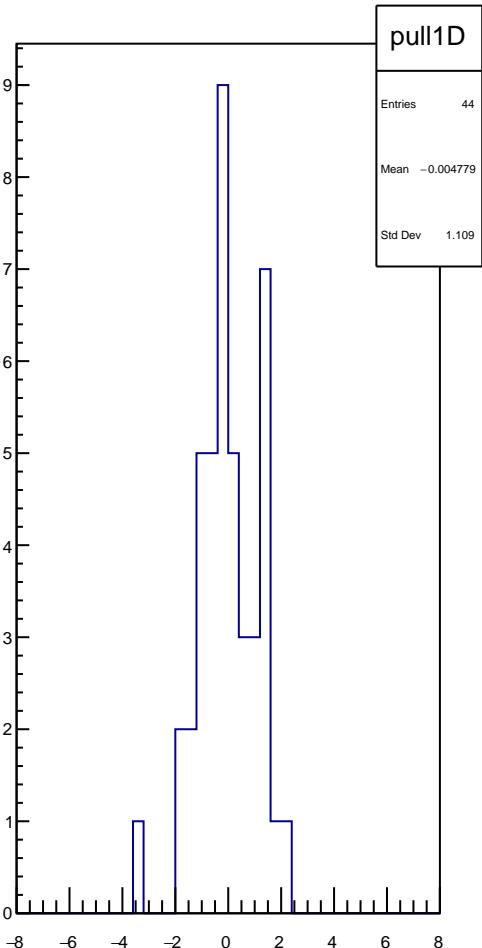
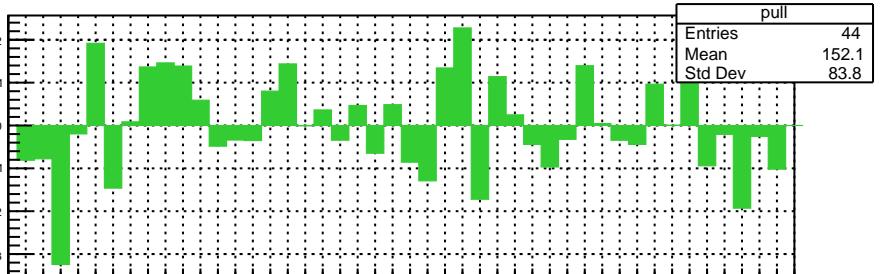
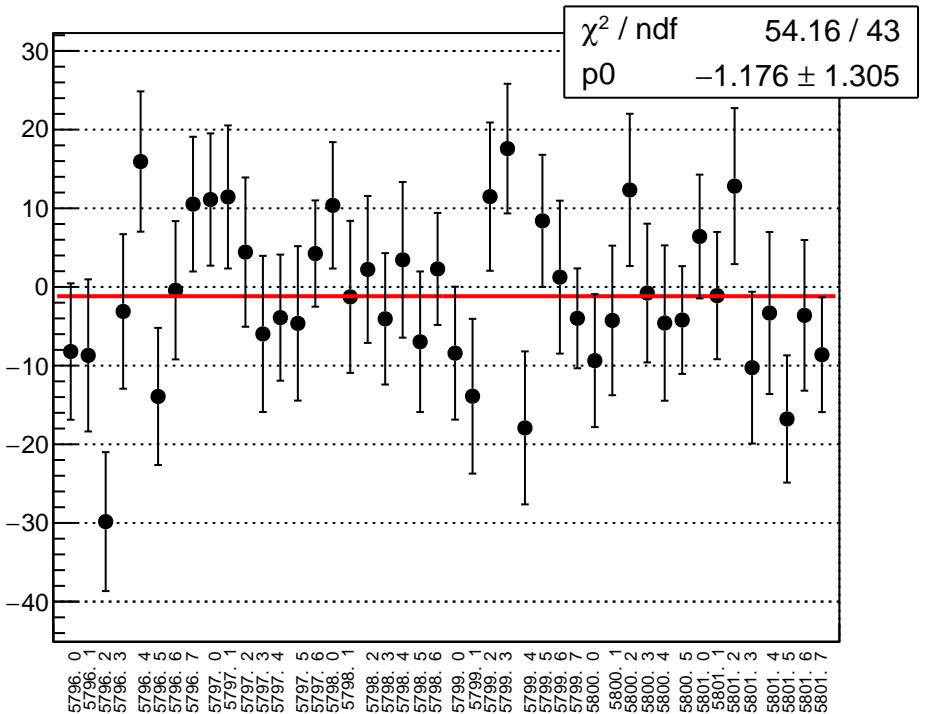
# diff\_cav4cX\_mean vs run



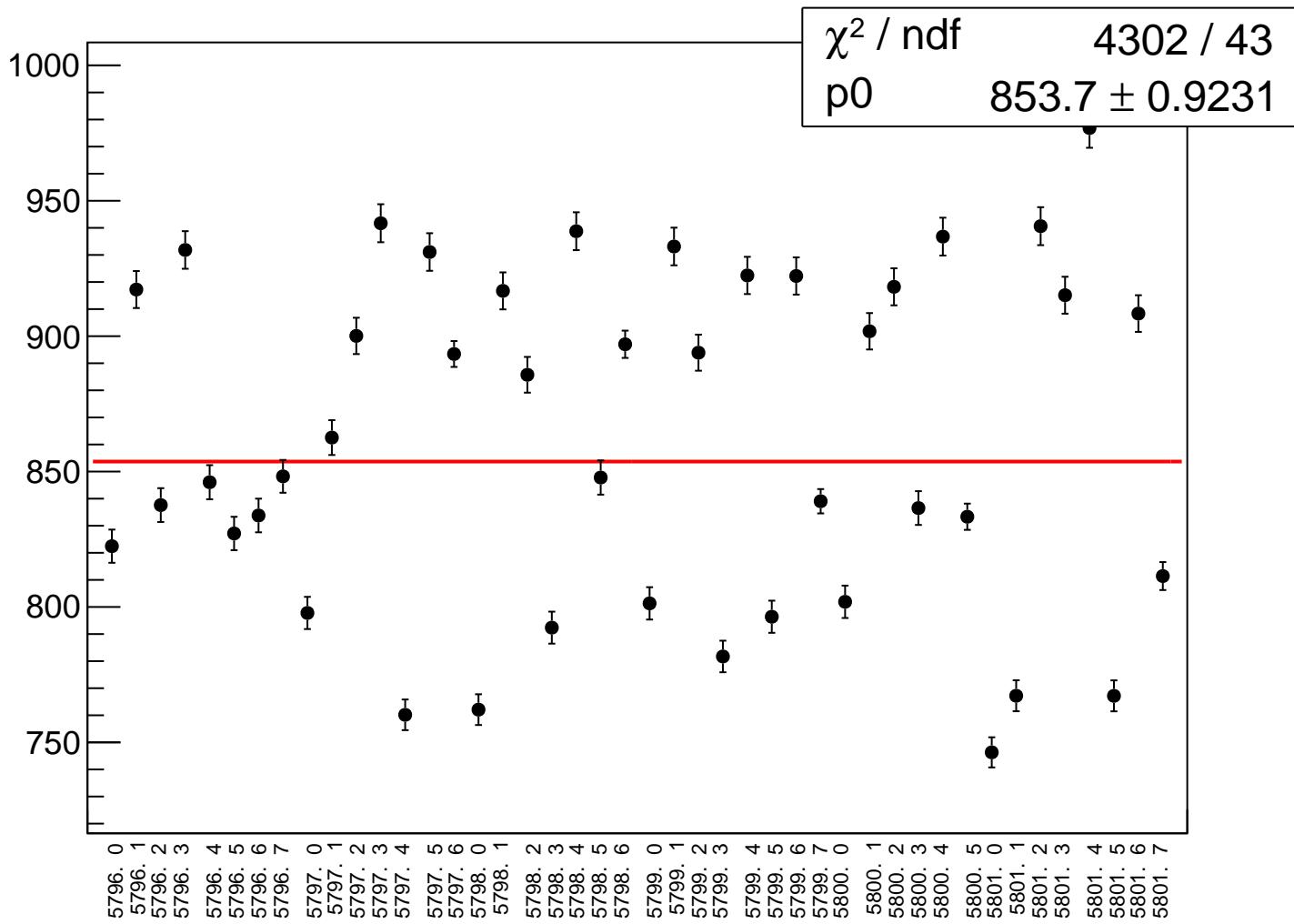
# diff\_cav4cX\_rms vs run



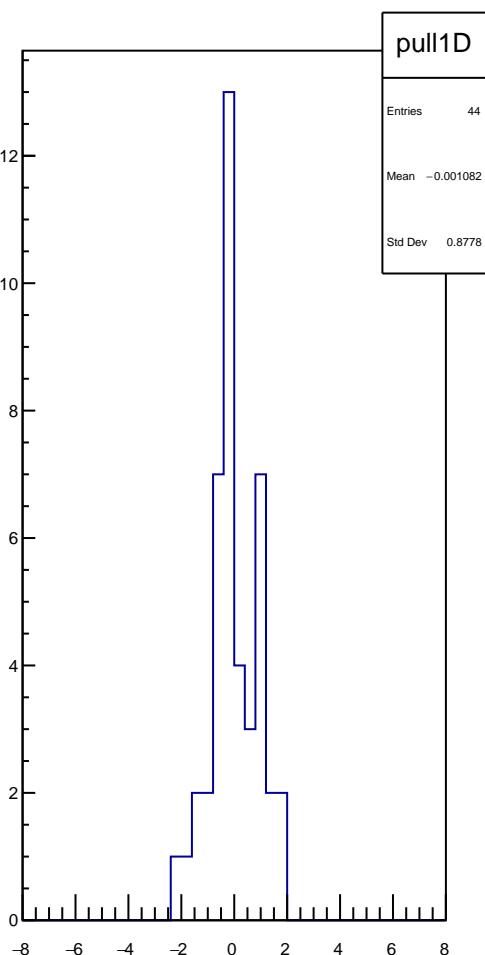
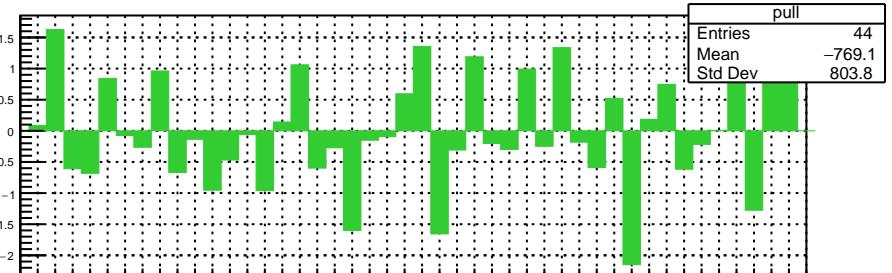
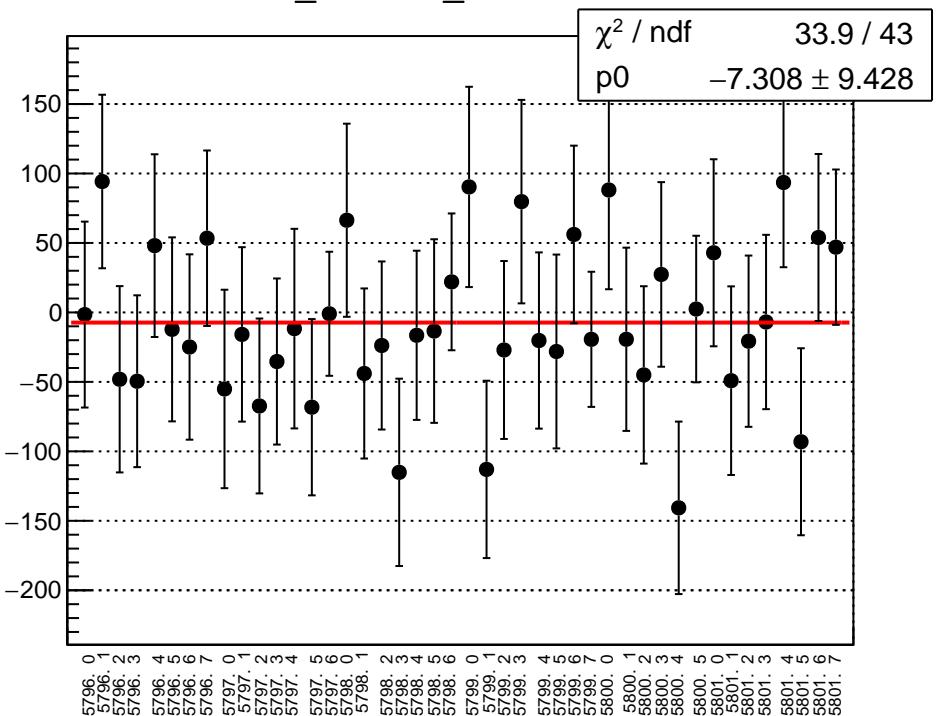
# diff\_cav4cY\_mean vs run



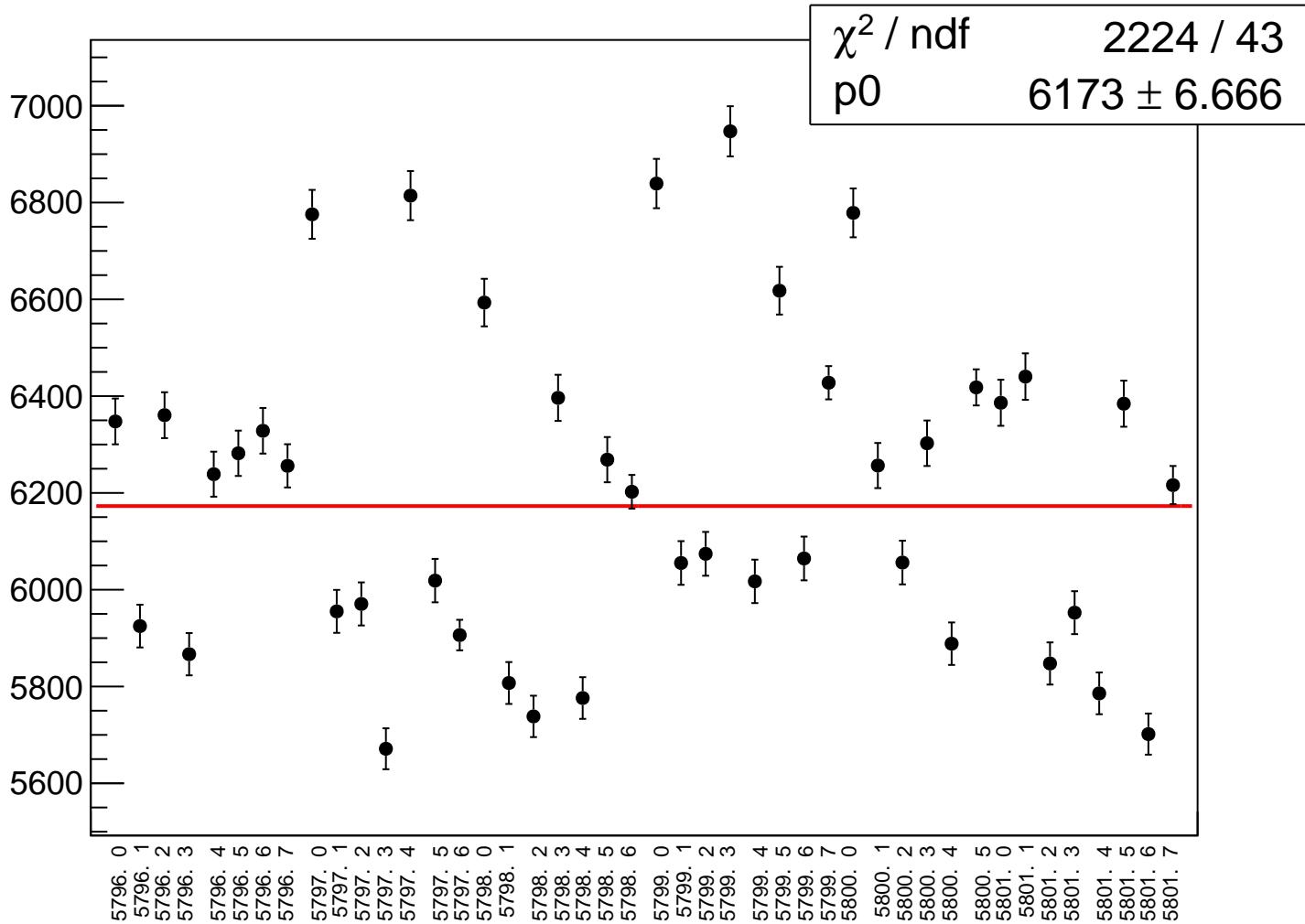
# diff\_cav4cY\_rms vs run



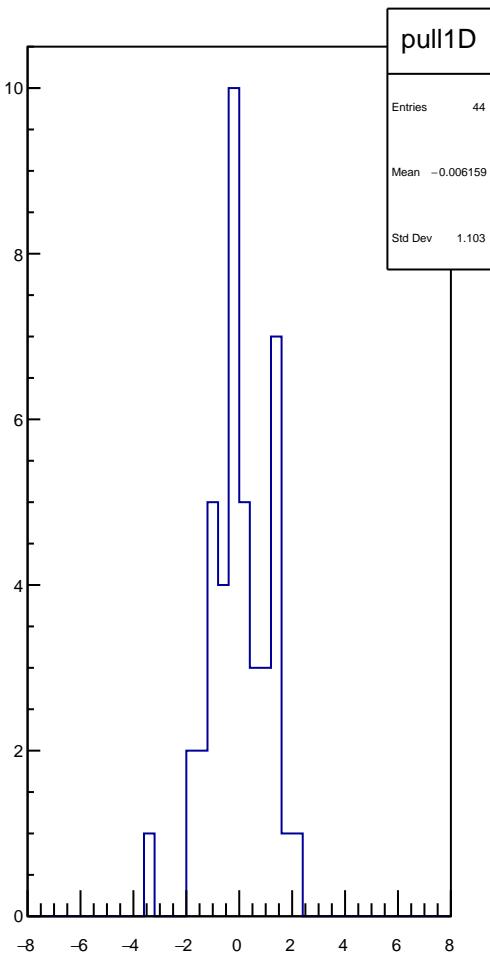
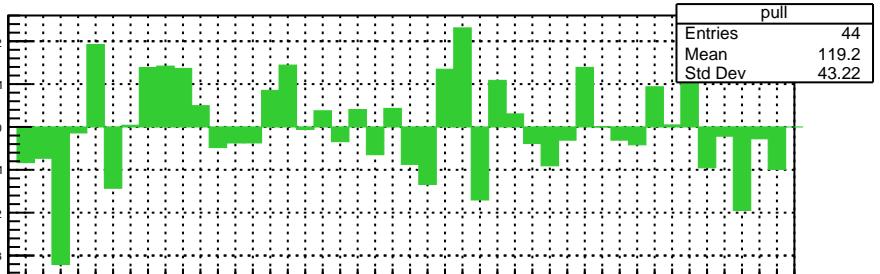
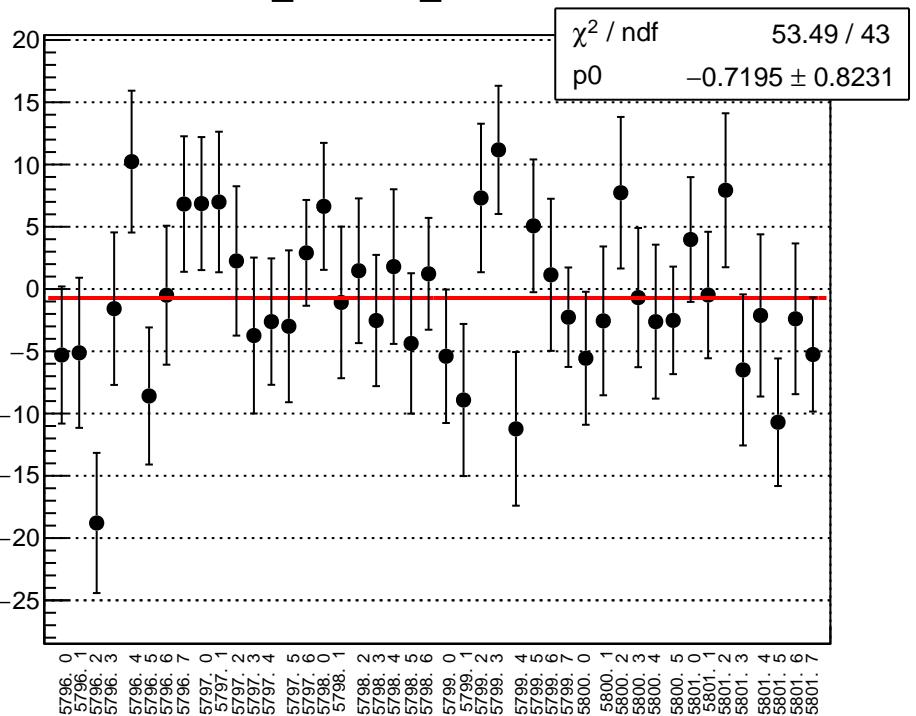
# diff\_cav4dX\_mean vs run



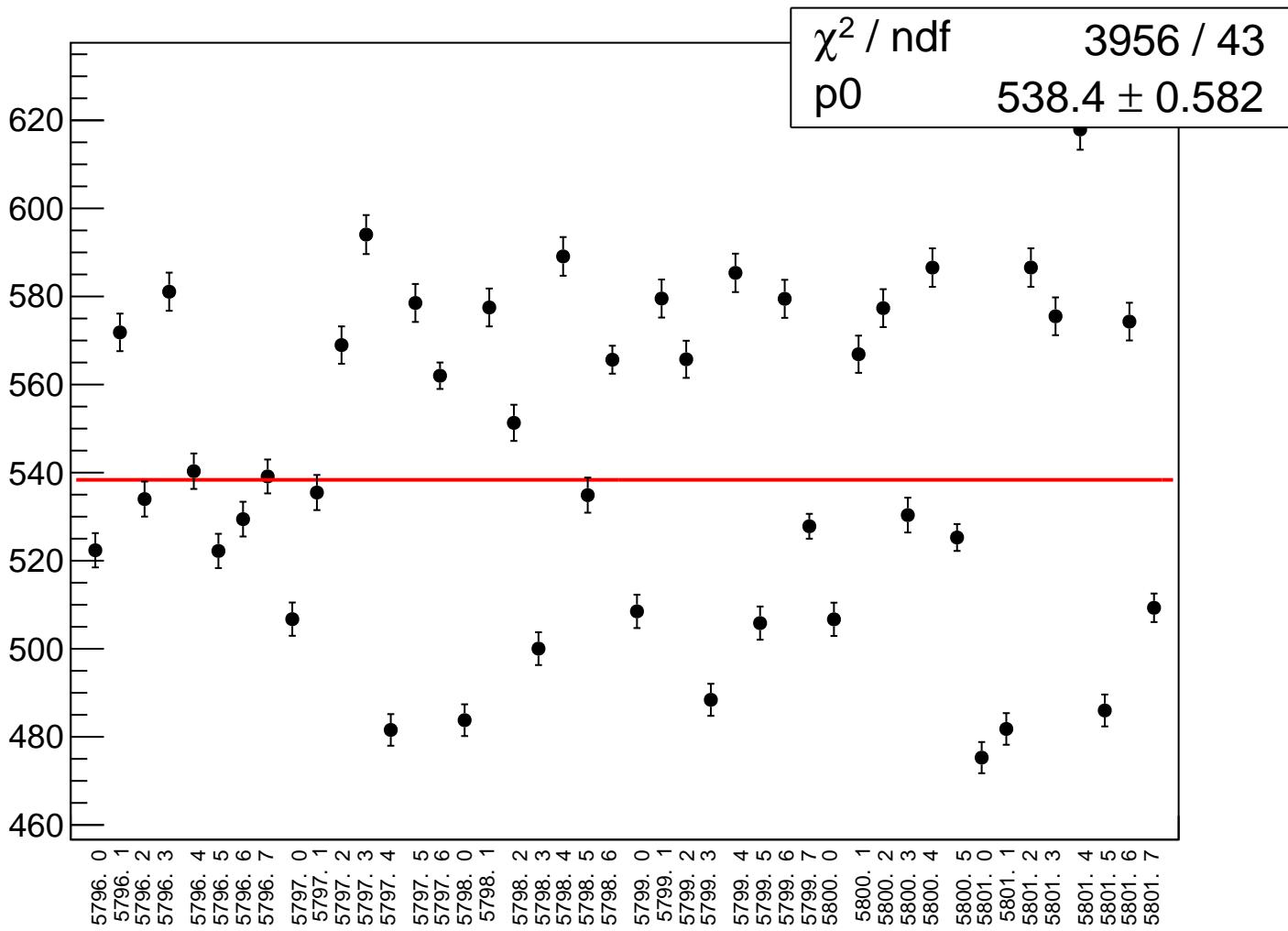
# diff\_cav4dX\_rms vs run



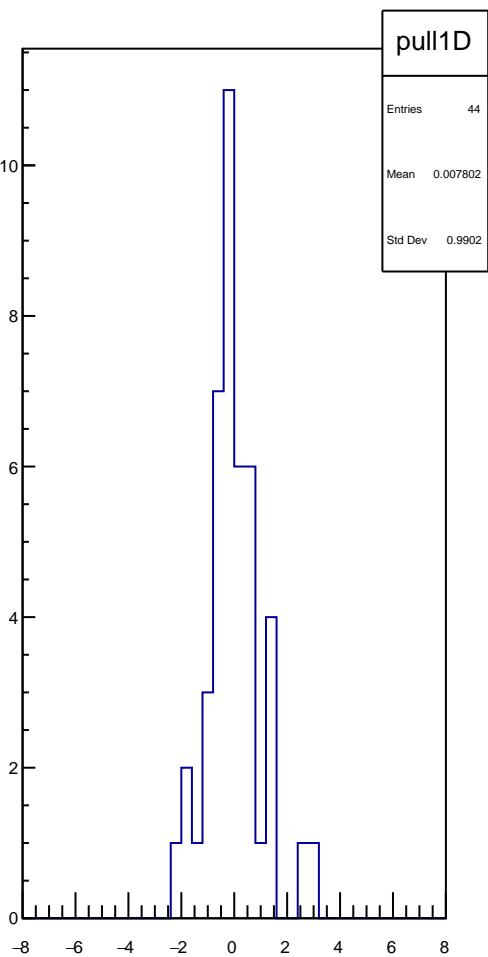
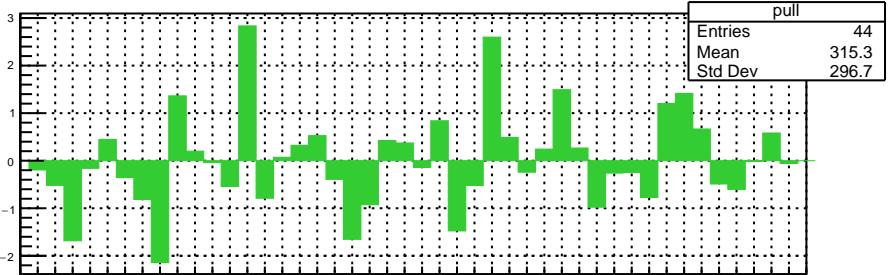
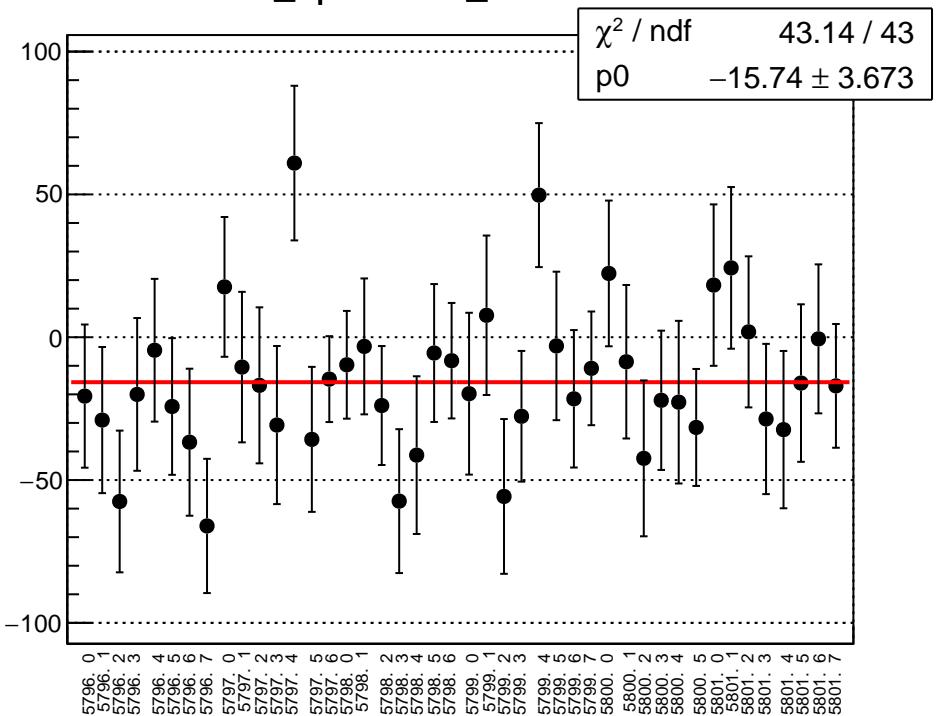
# diff\_cav4dY\_mean vs run



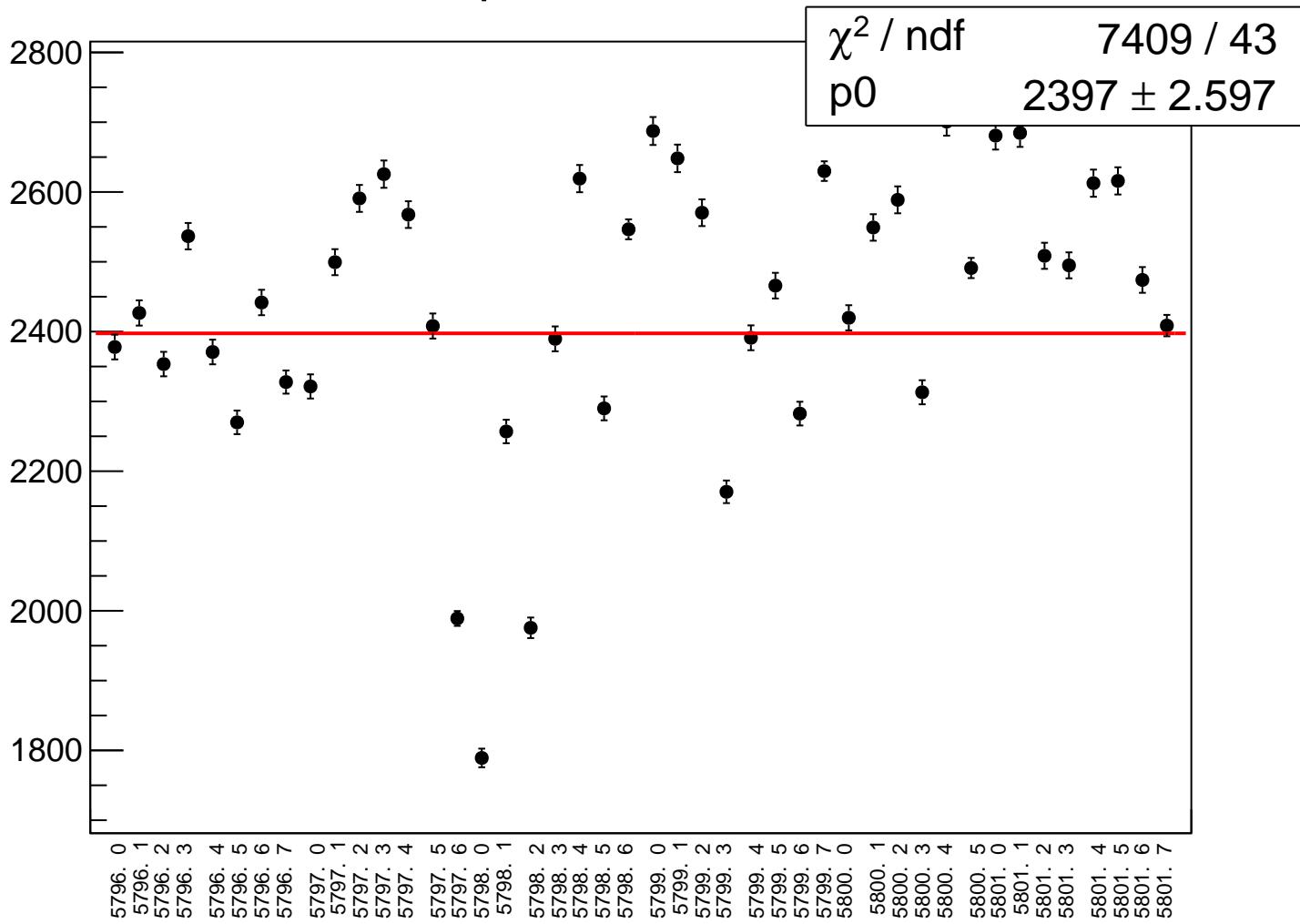
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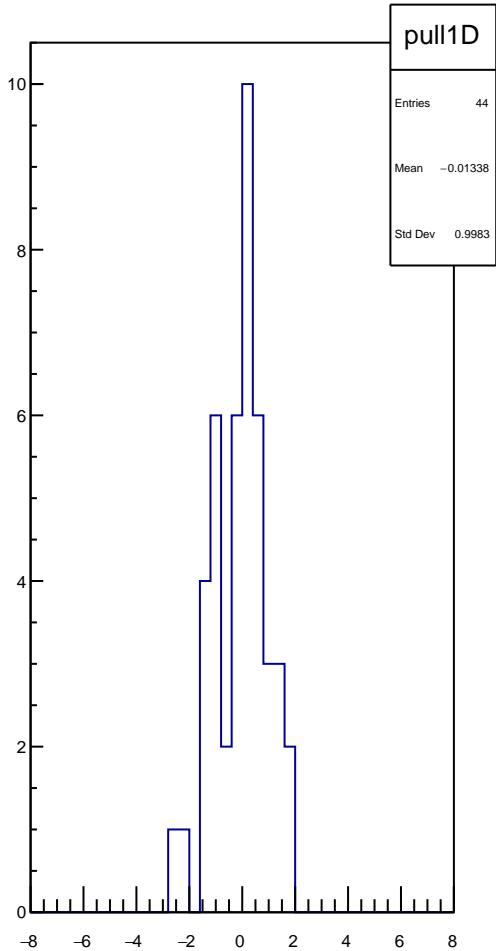
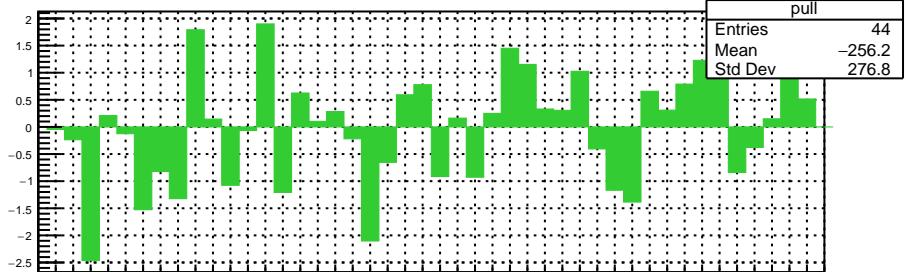
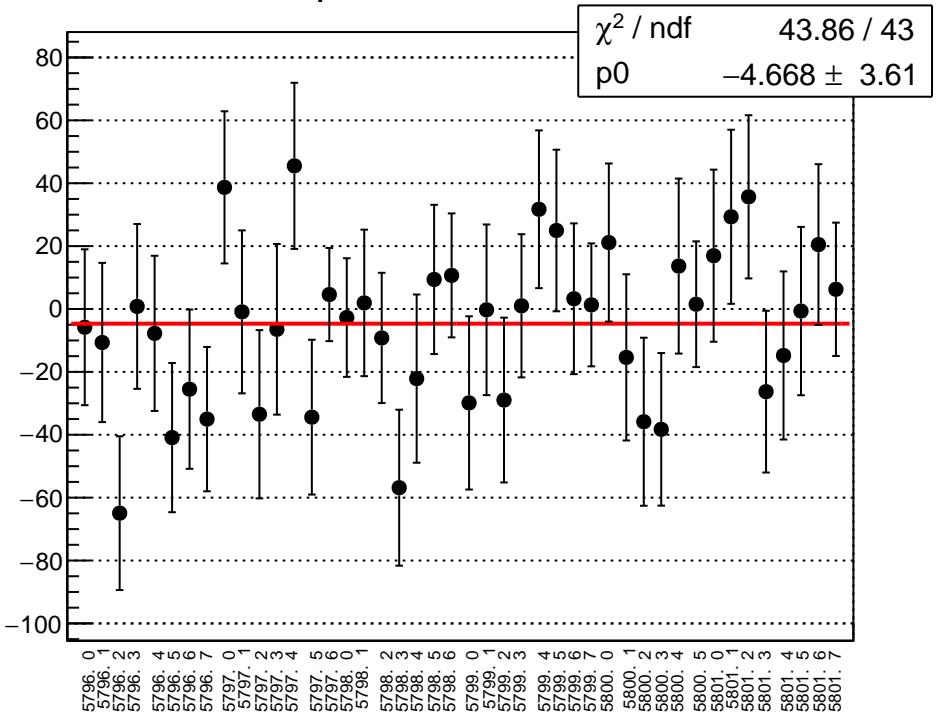
# diff\_bpm0i01X\_mean vs run



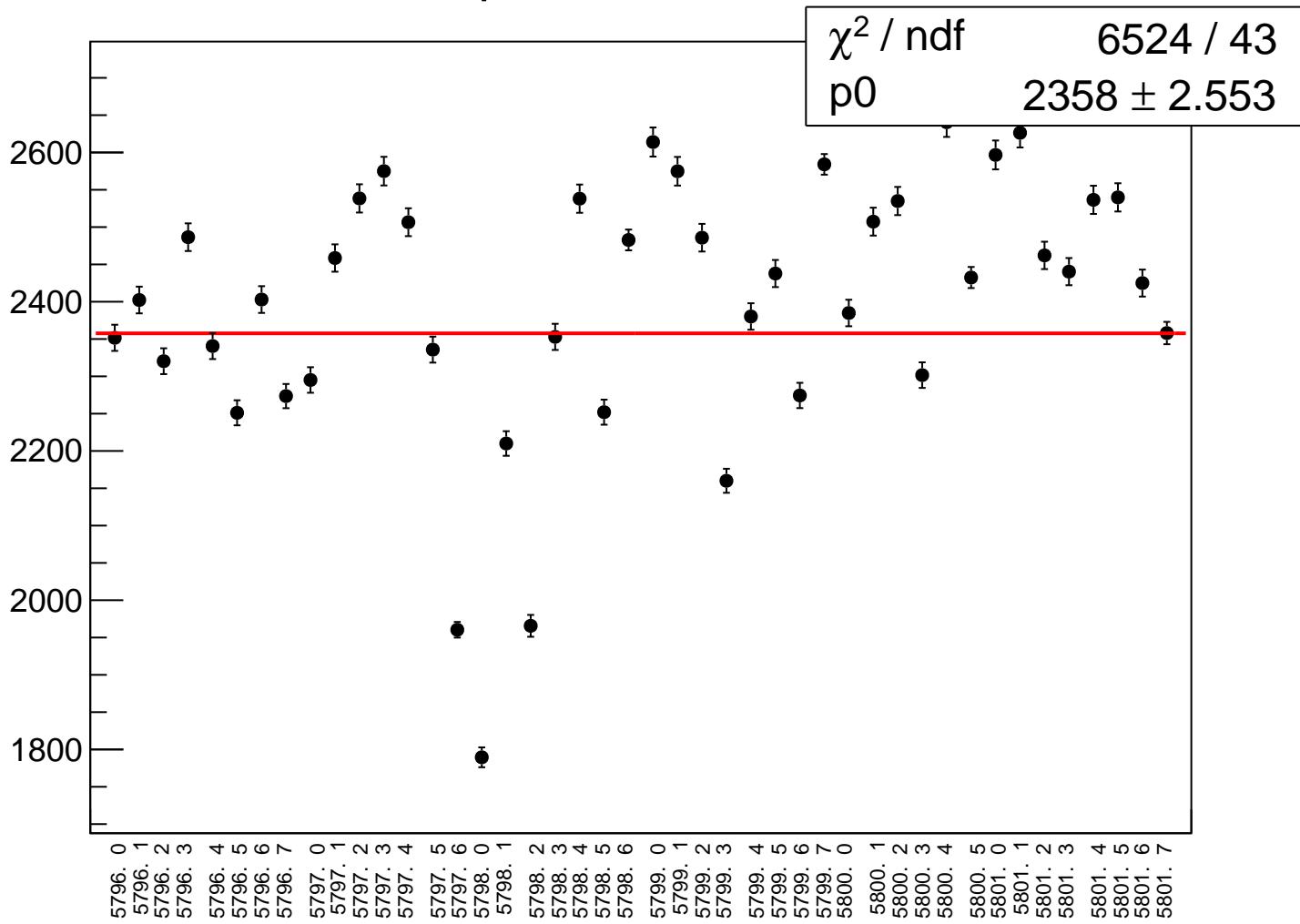
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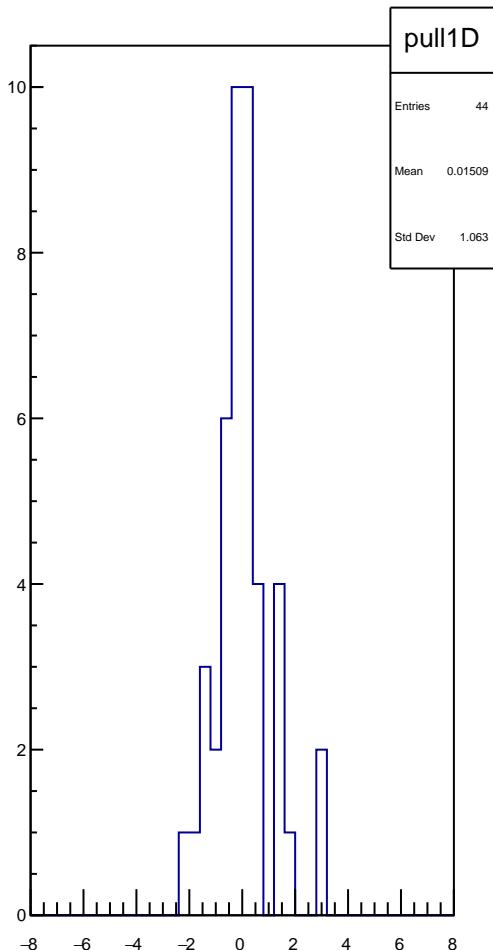
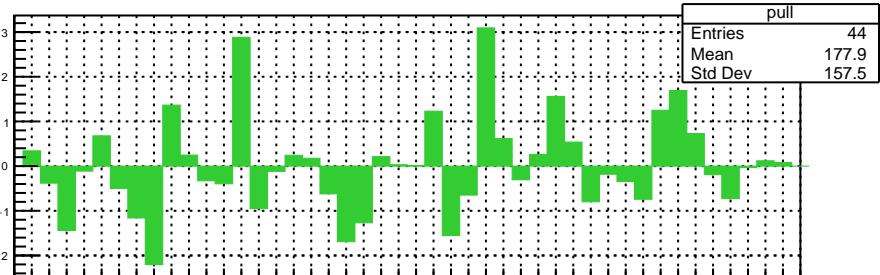
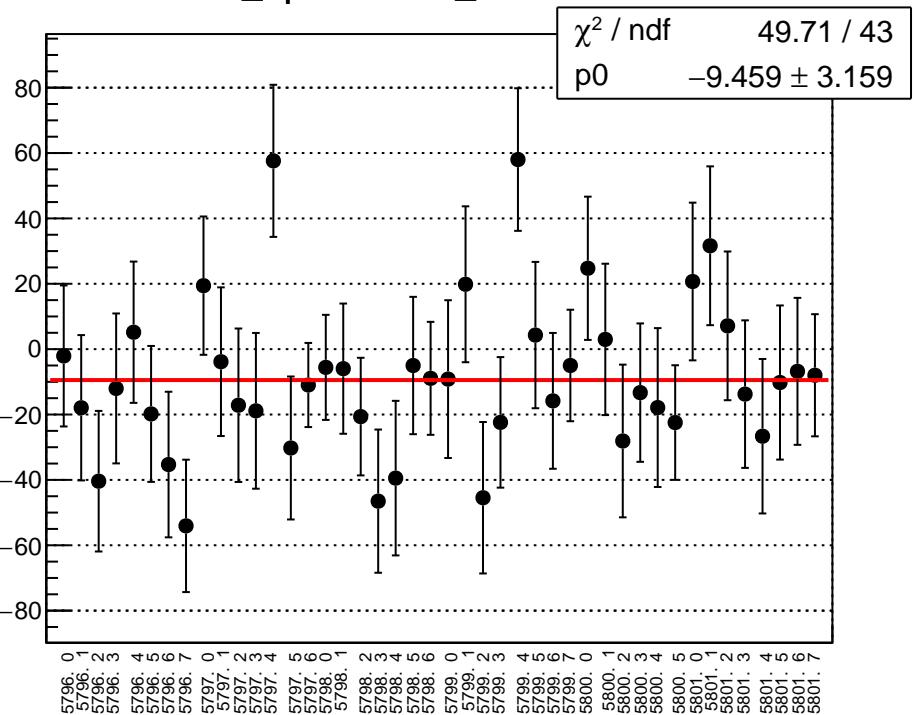
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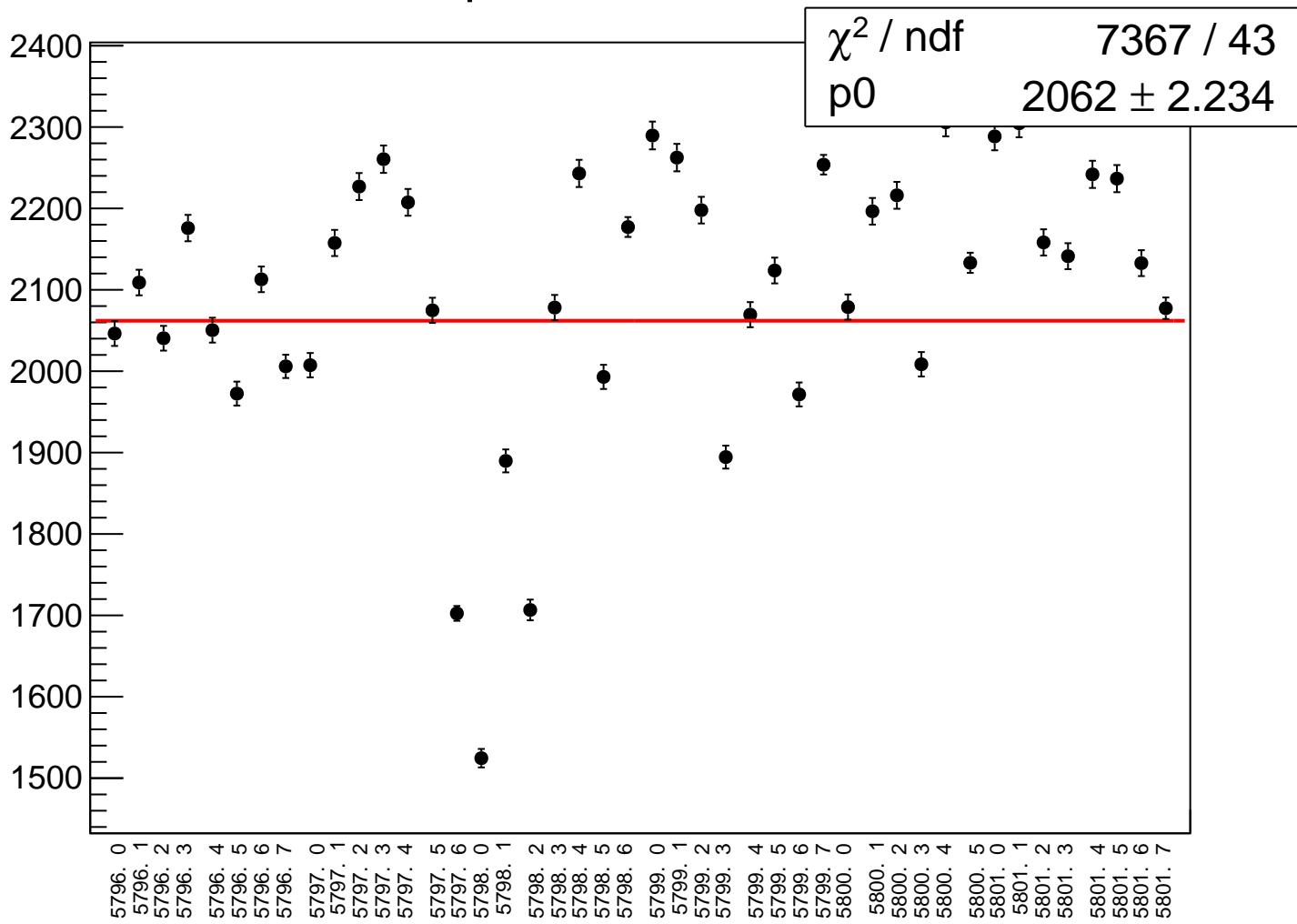
# diff\_bpm0i01Y\_rms vs run



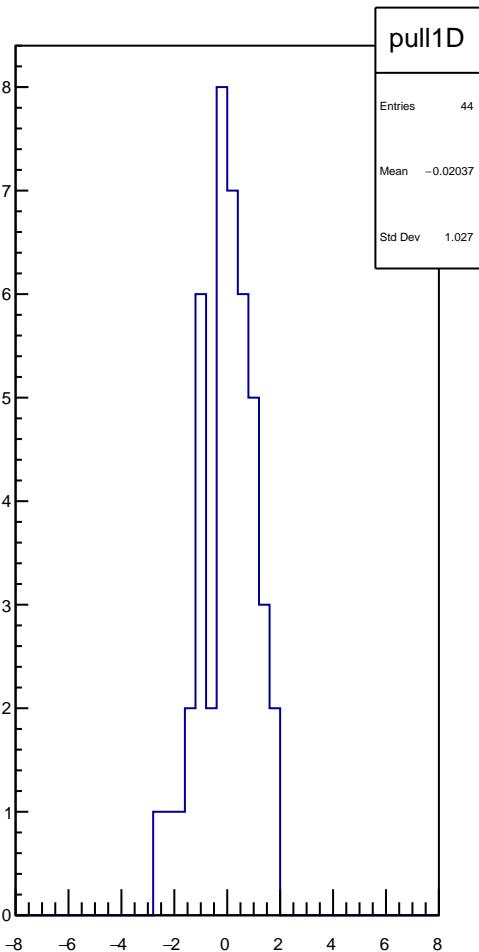
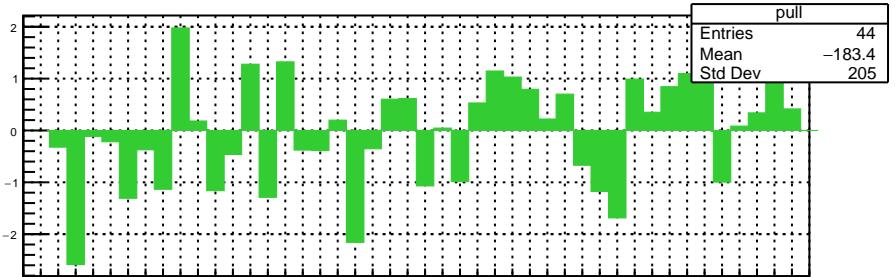
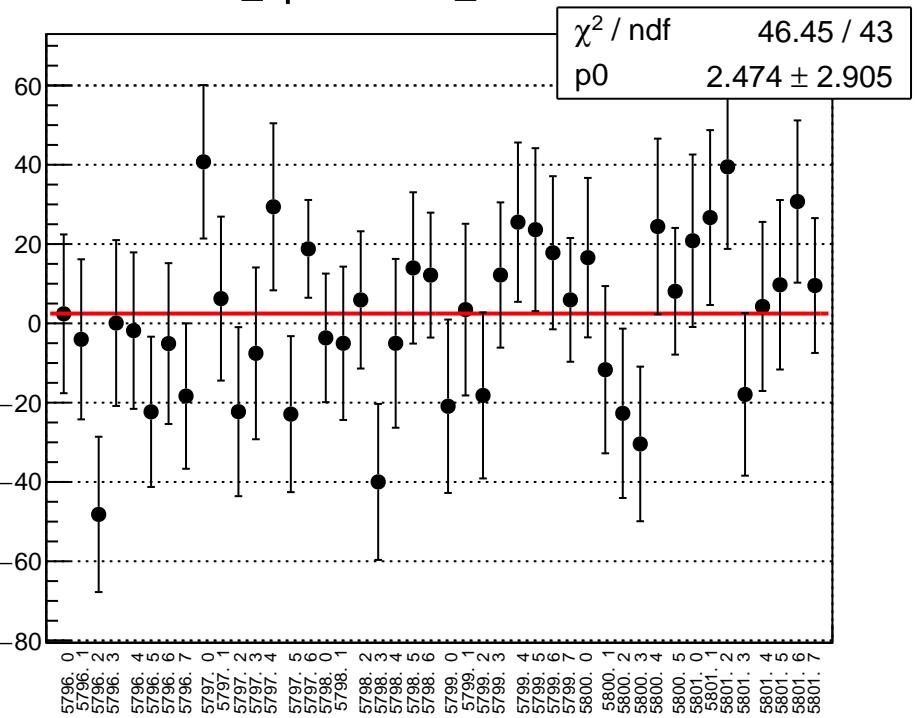
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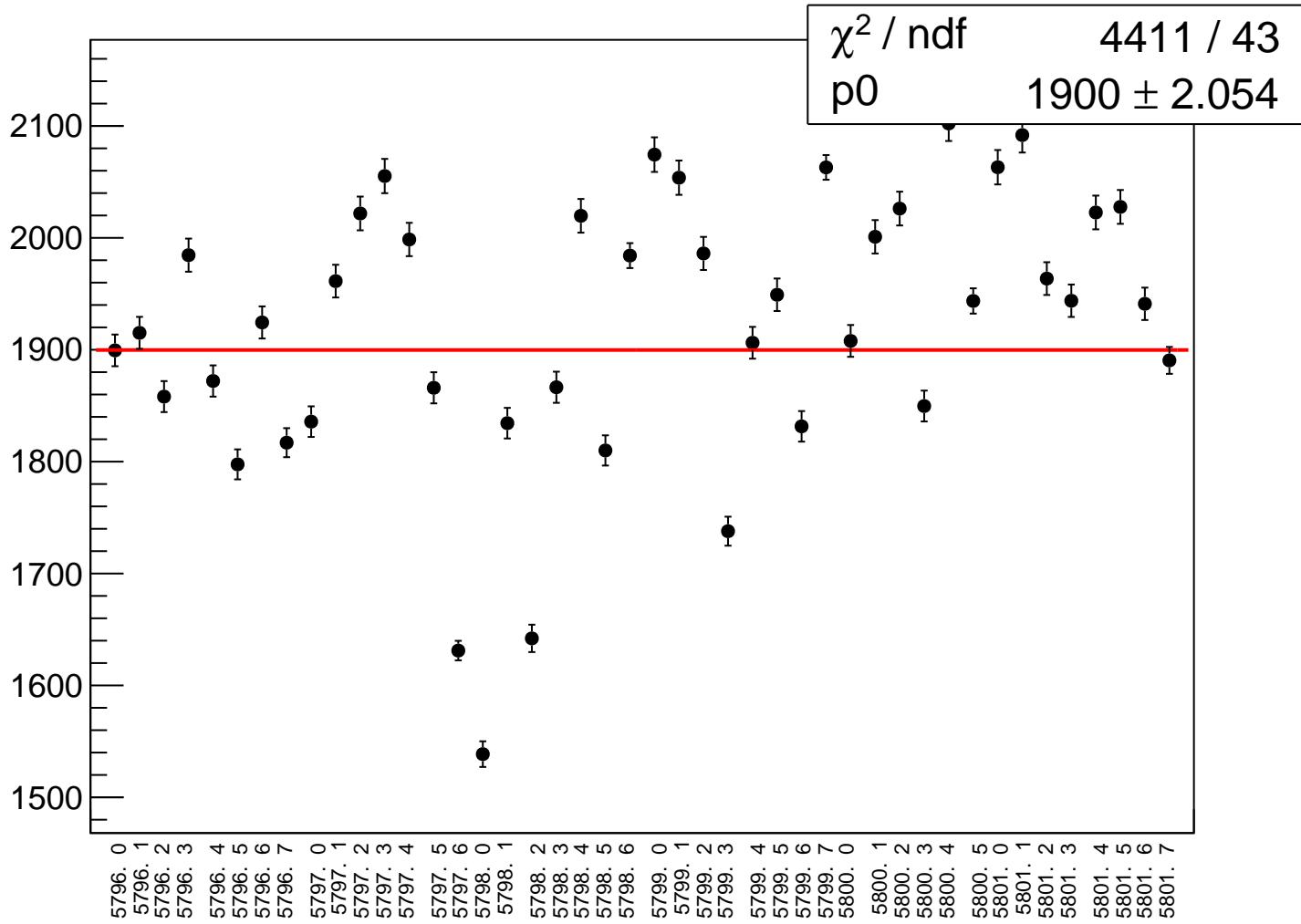
# diff\_bpm0i01aX\_rms vs run



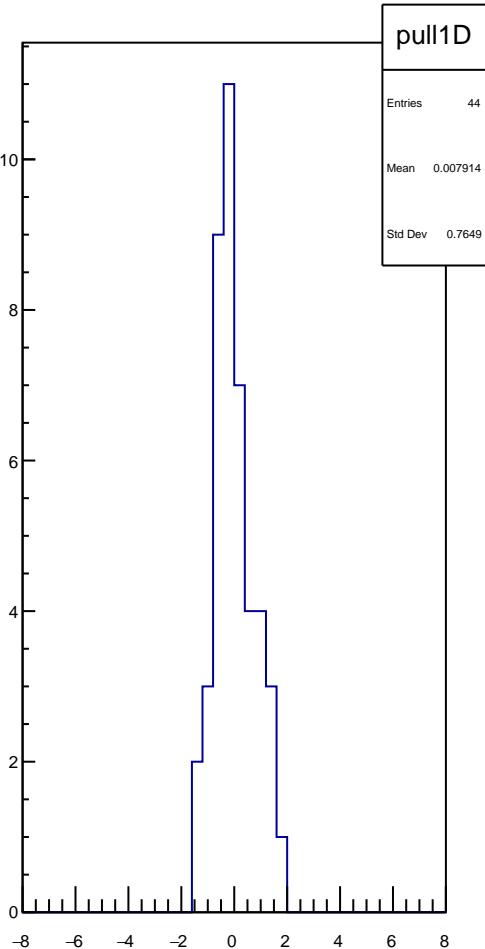
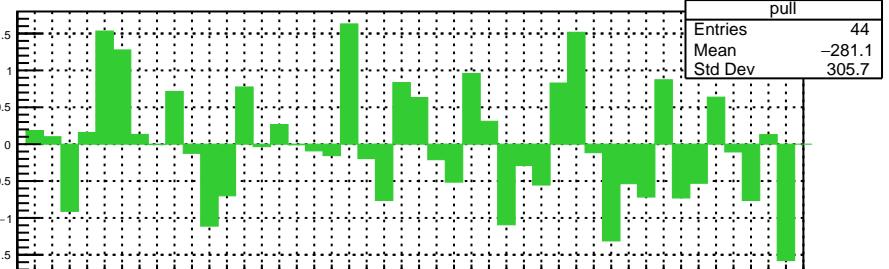
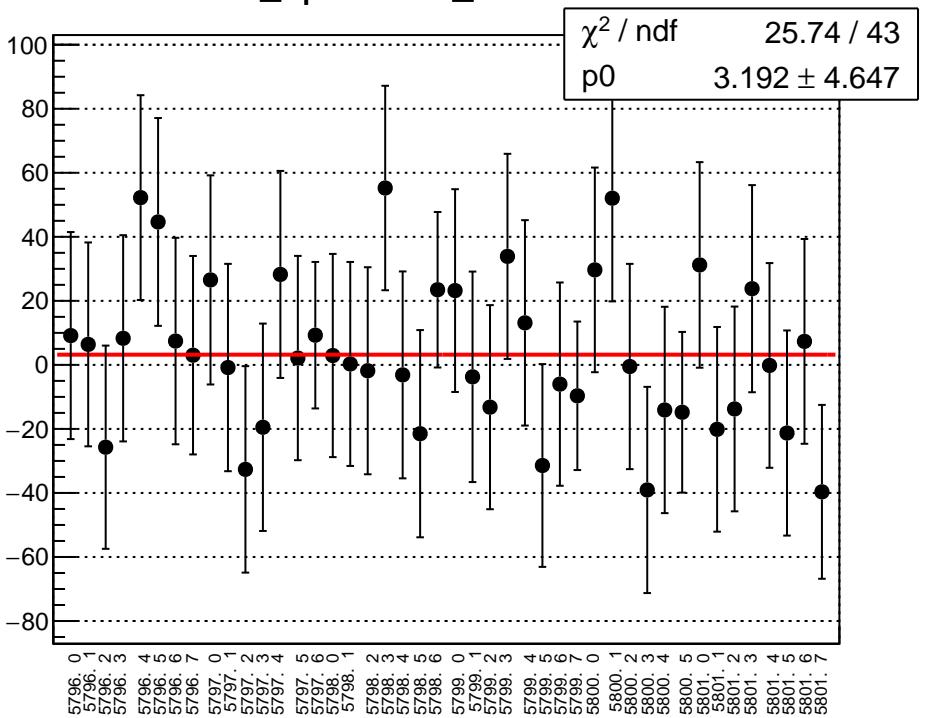
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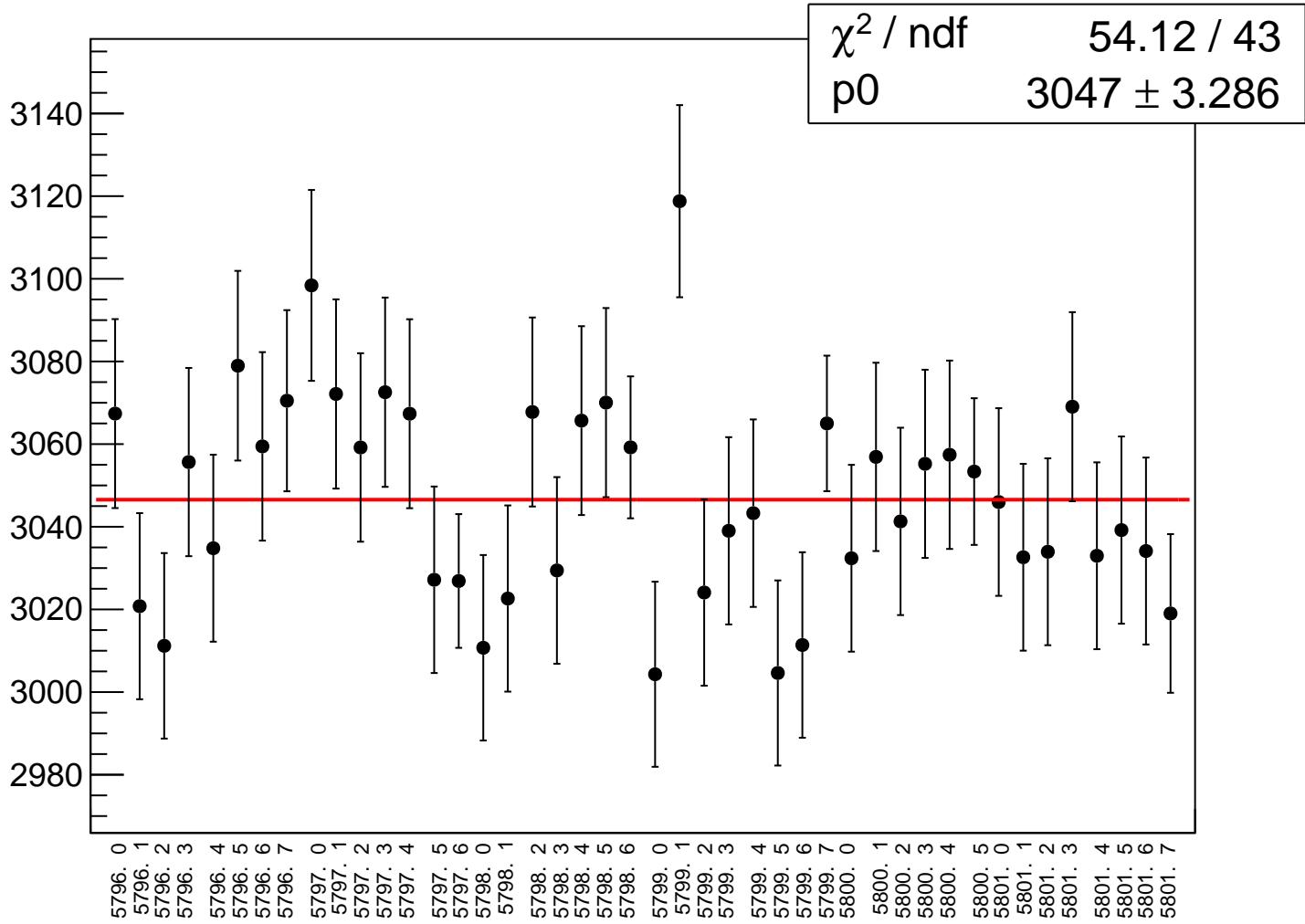
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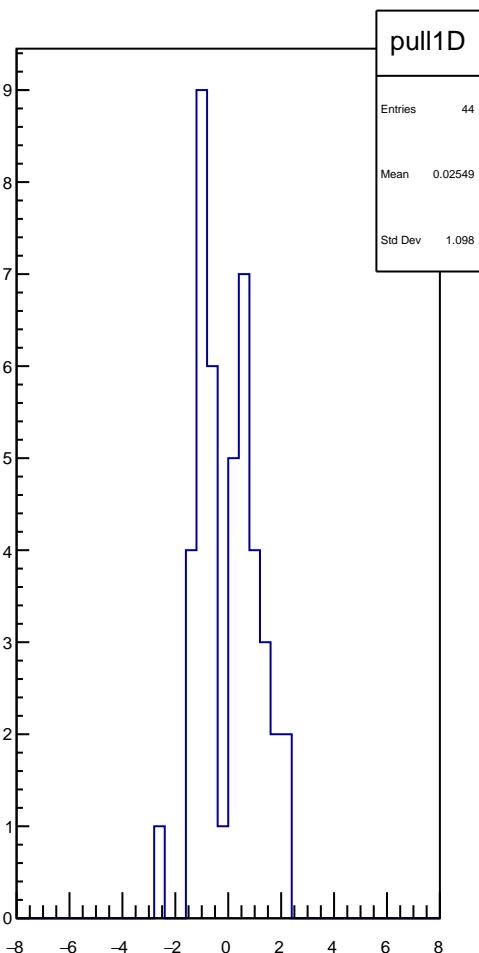
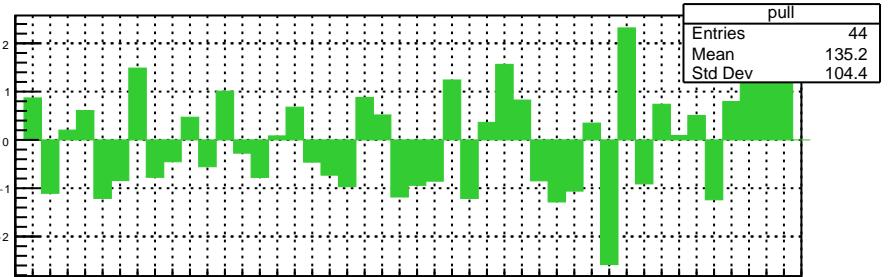
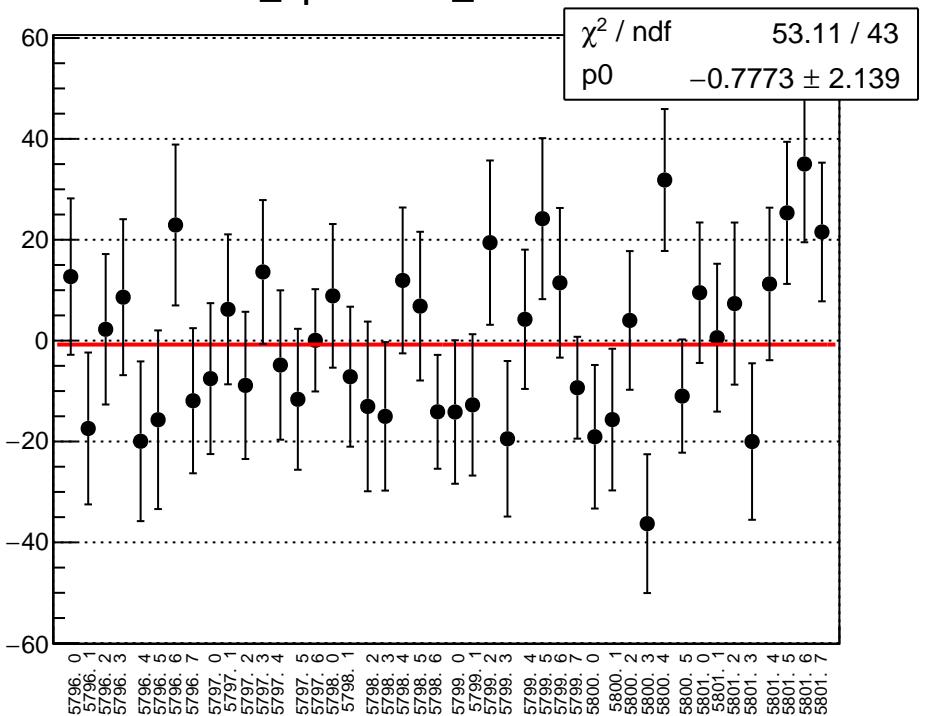
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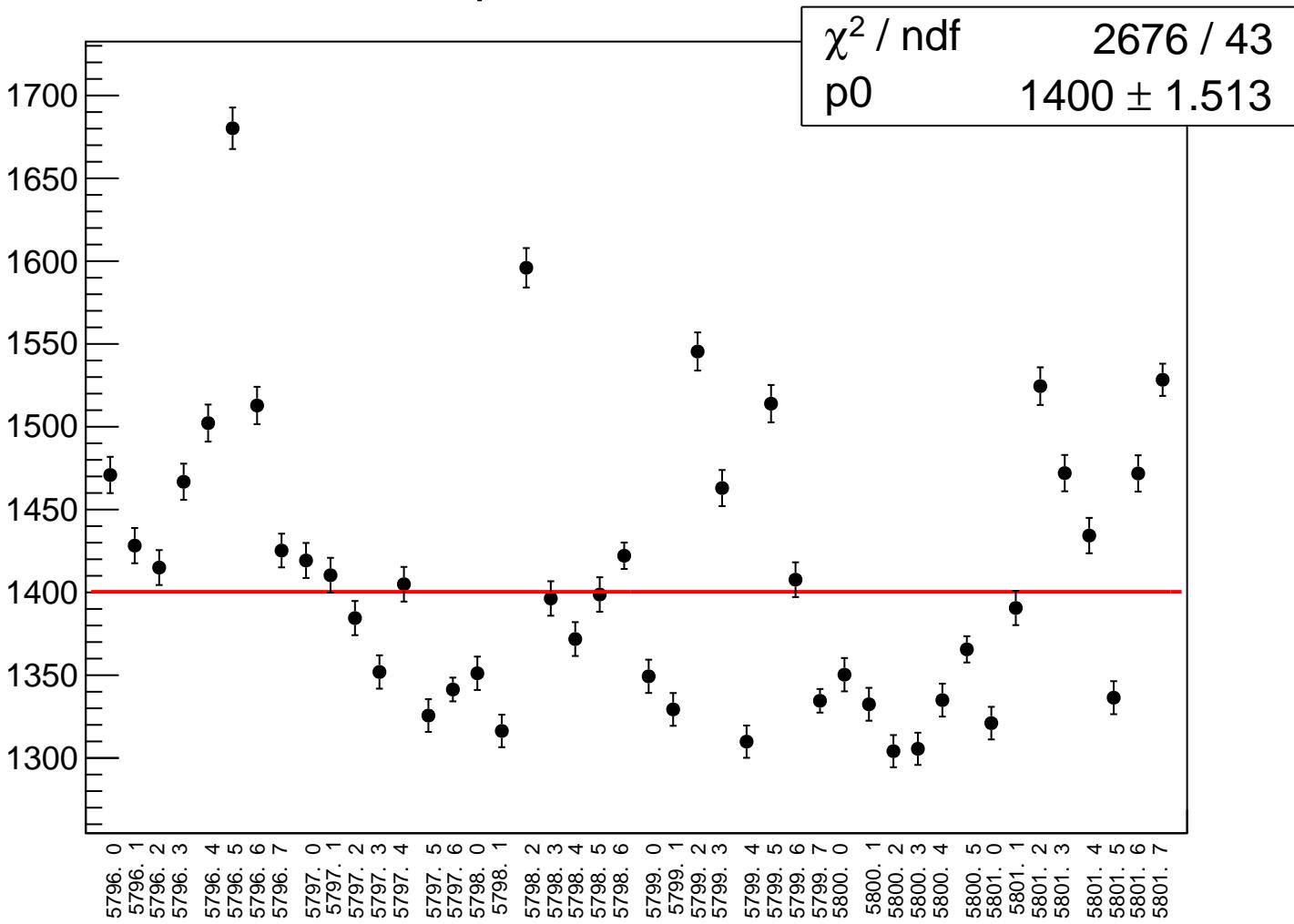
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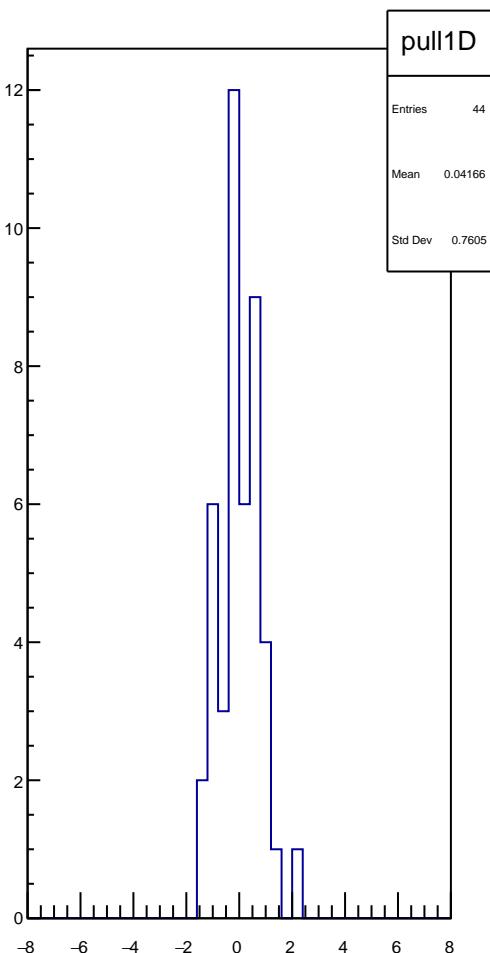
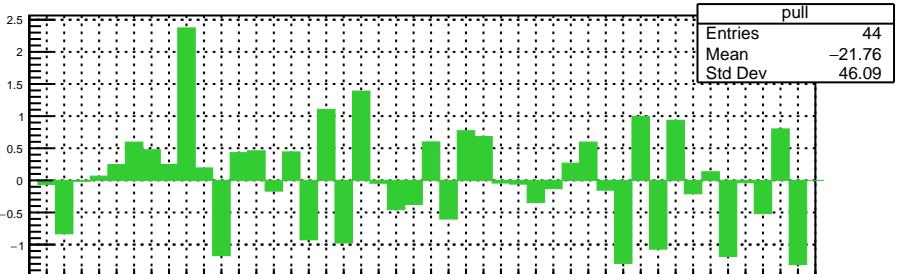
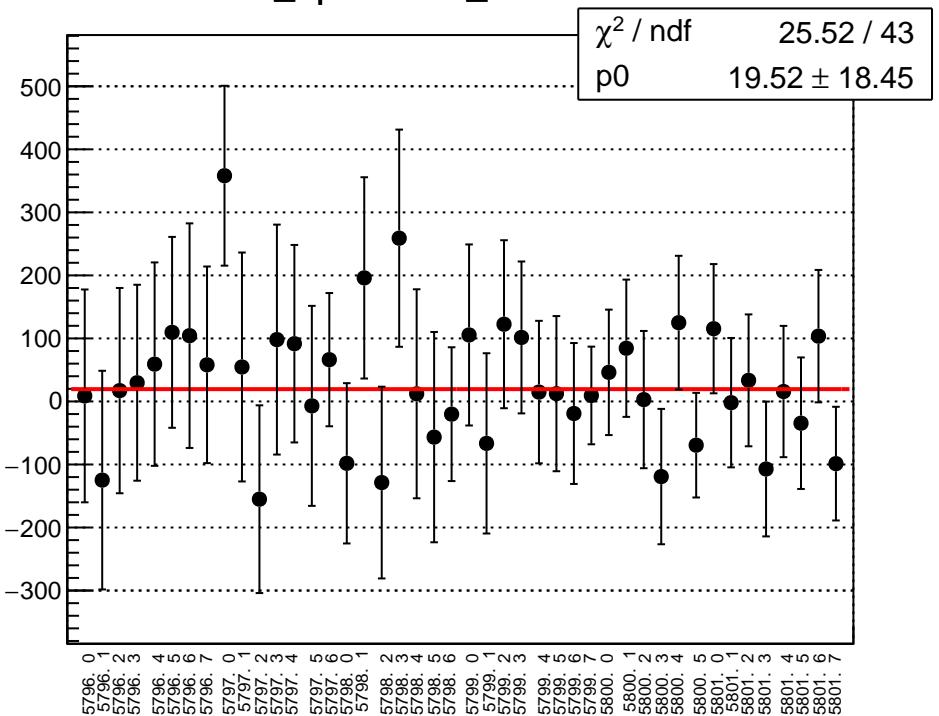
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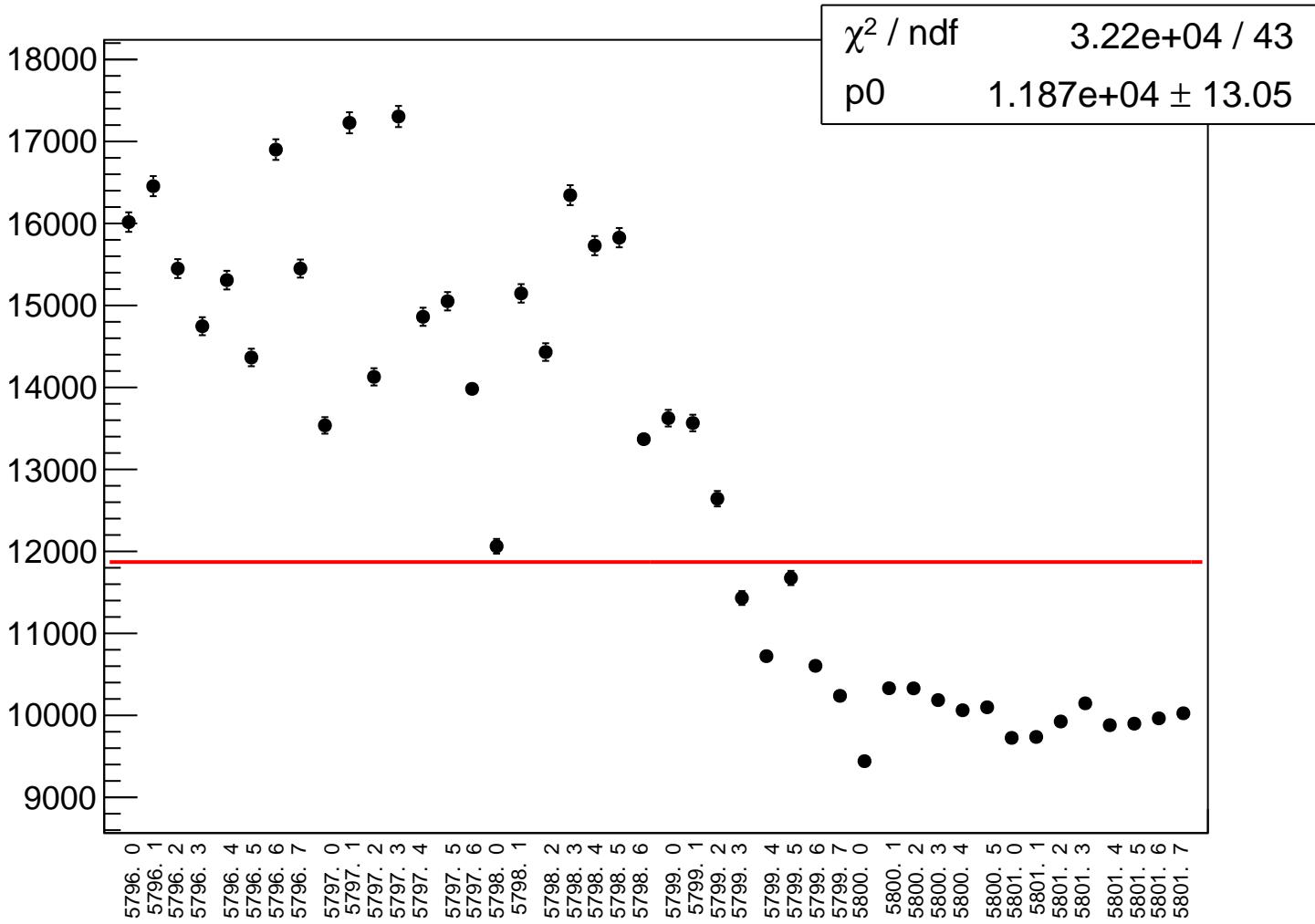
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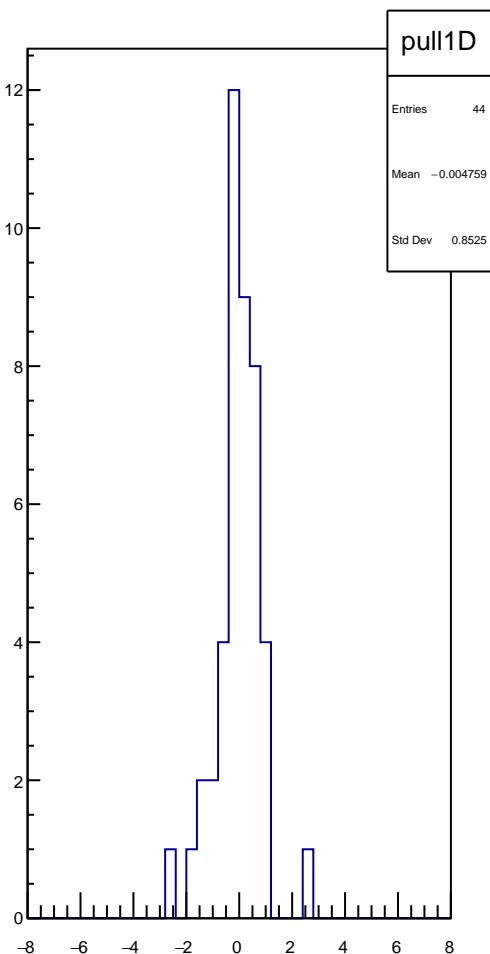
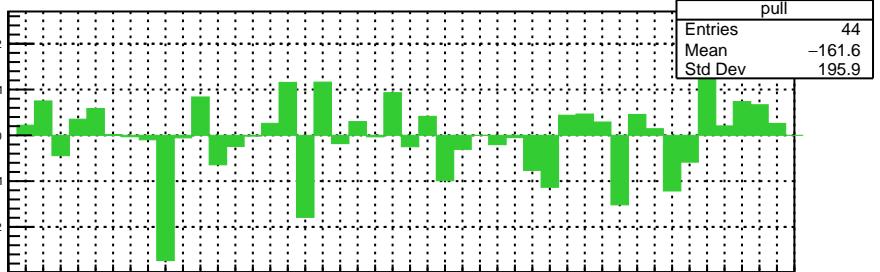
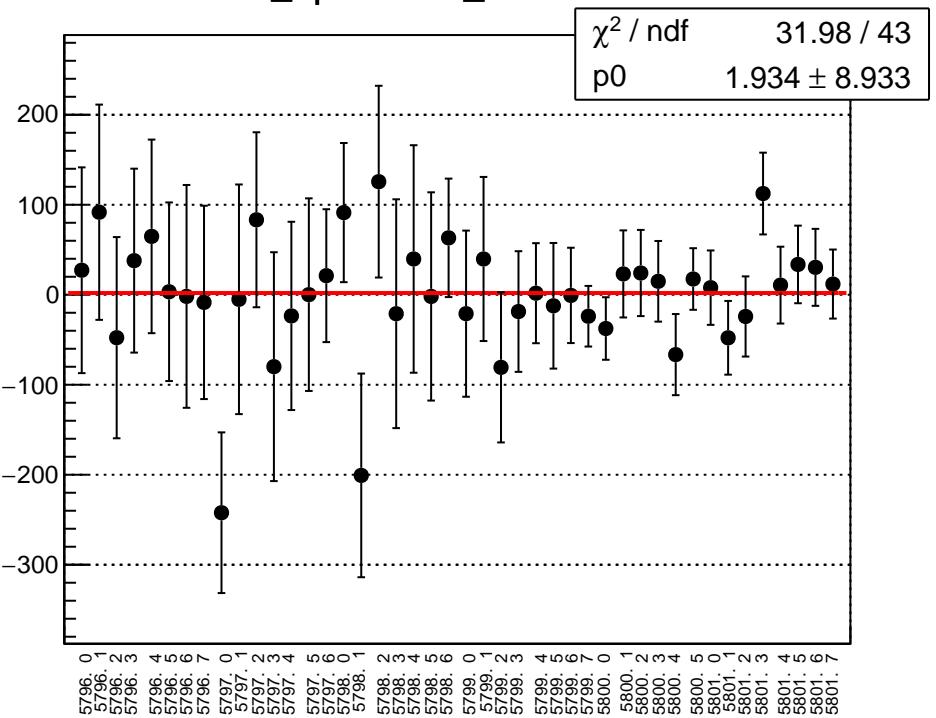
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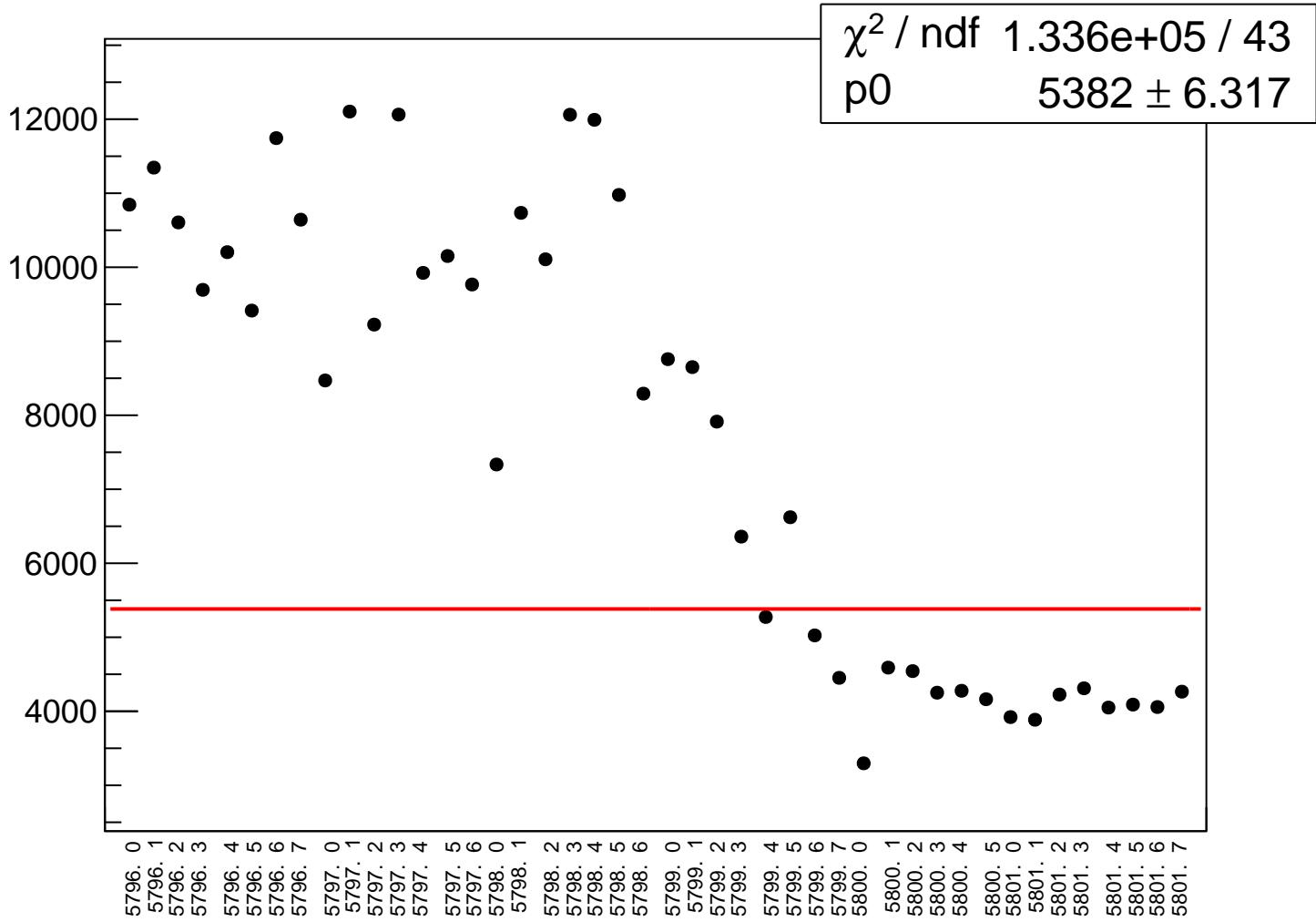
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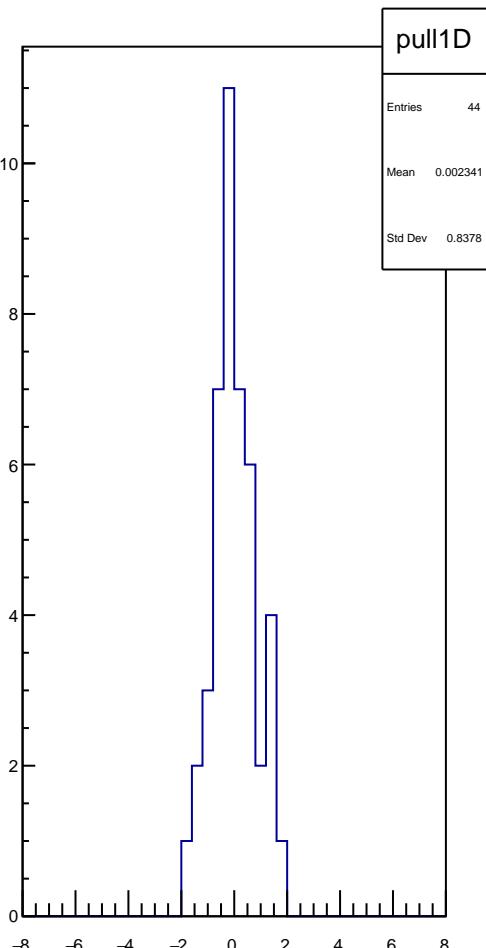
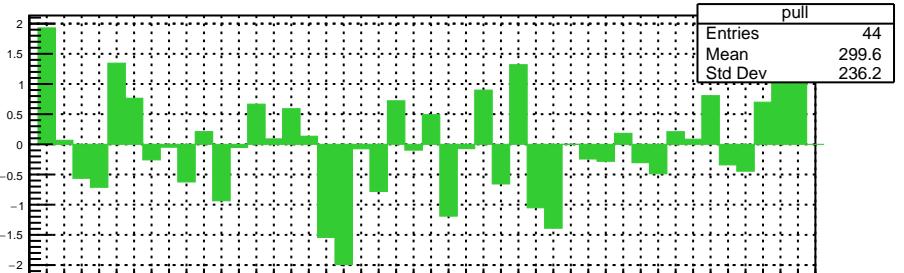
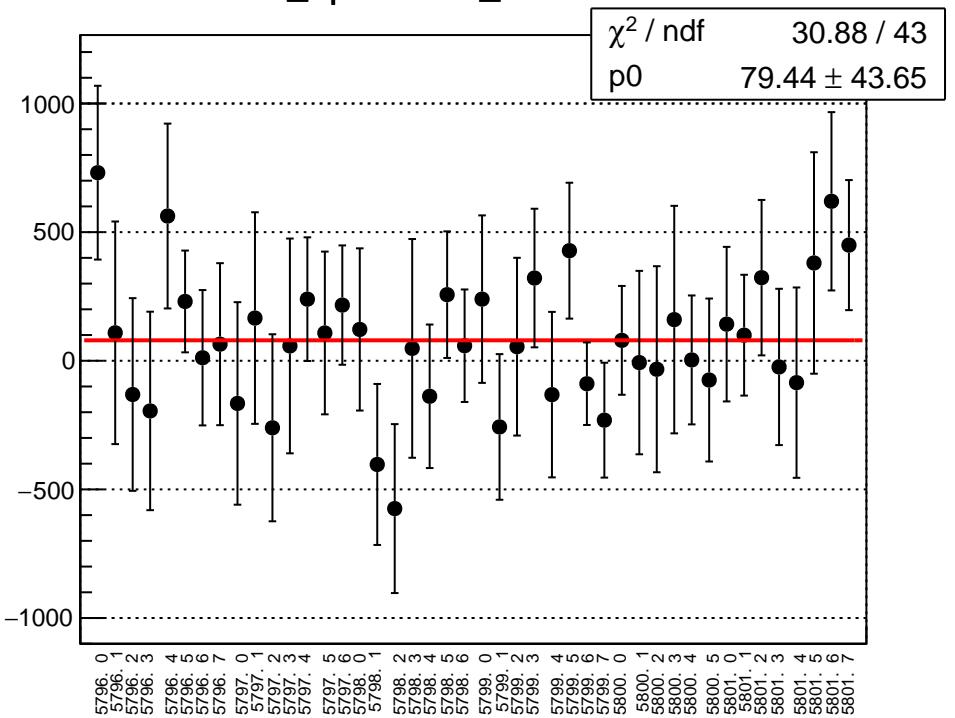
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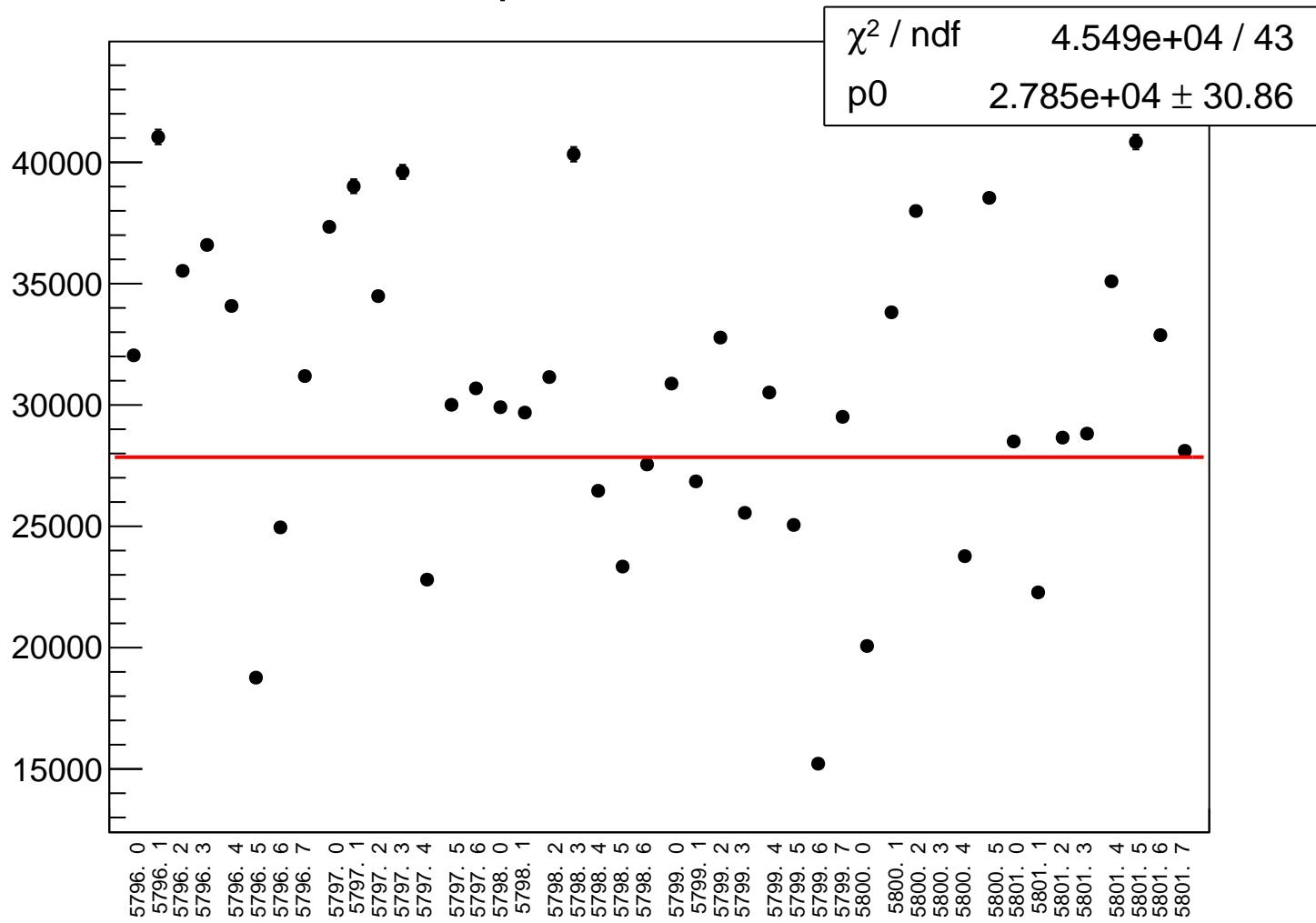
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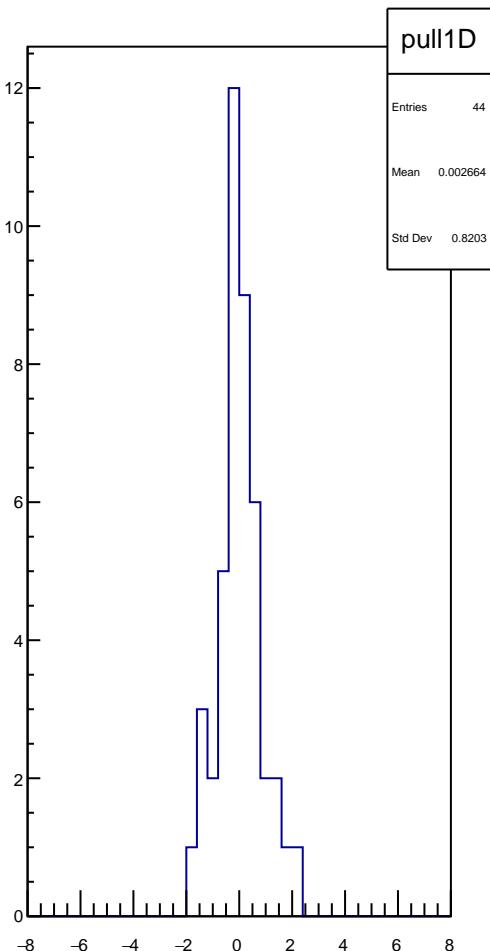
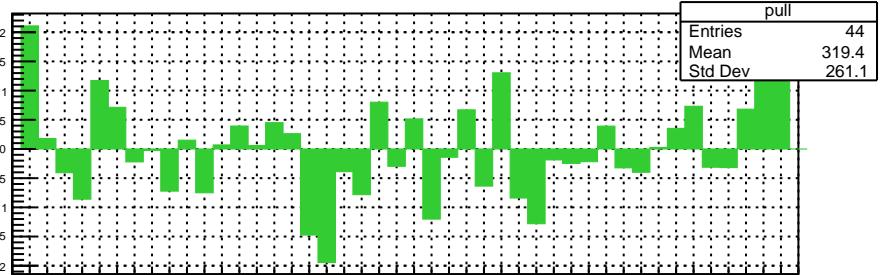
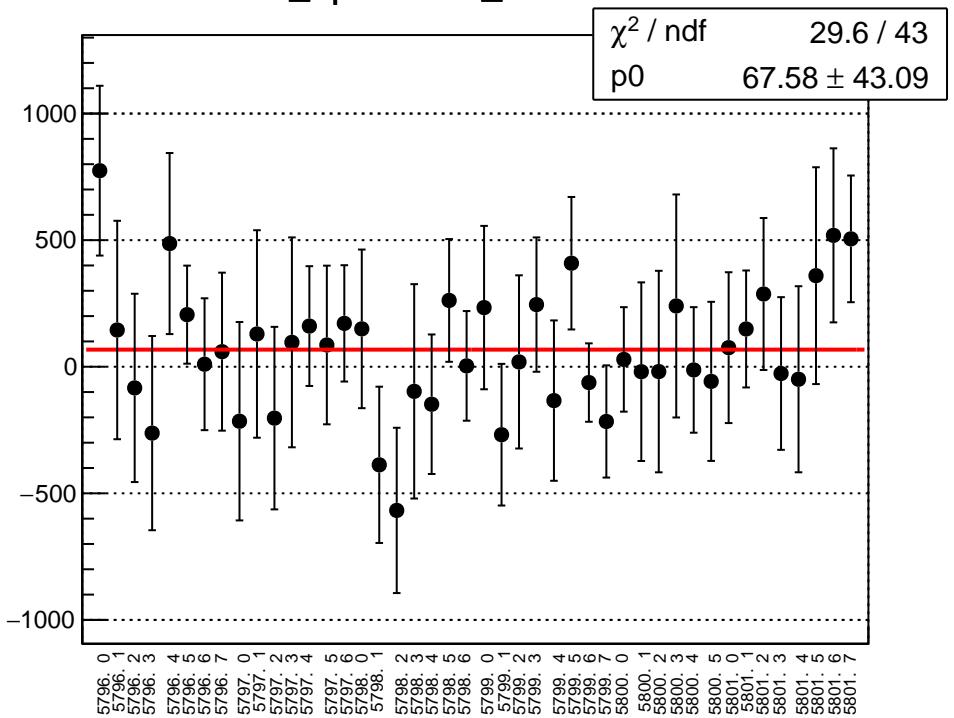
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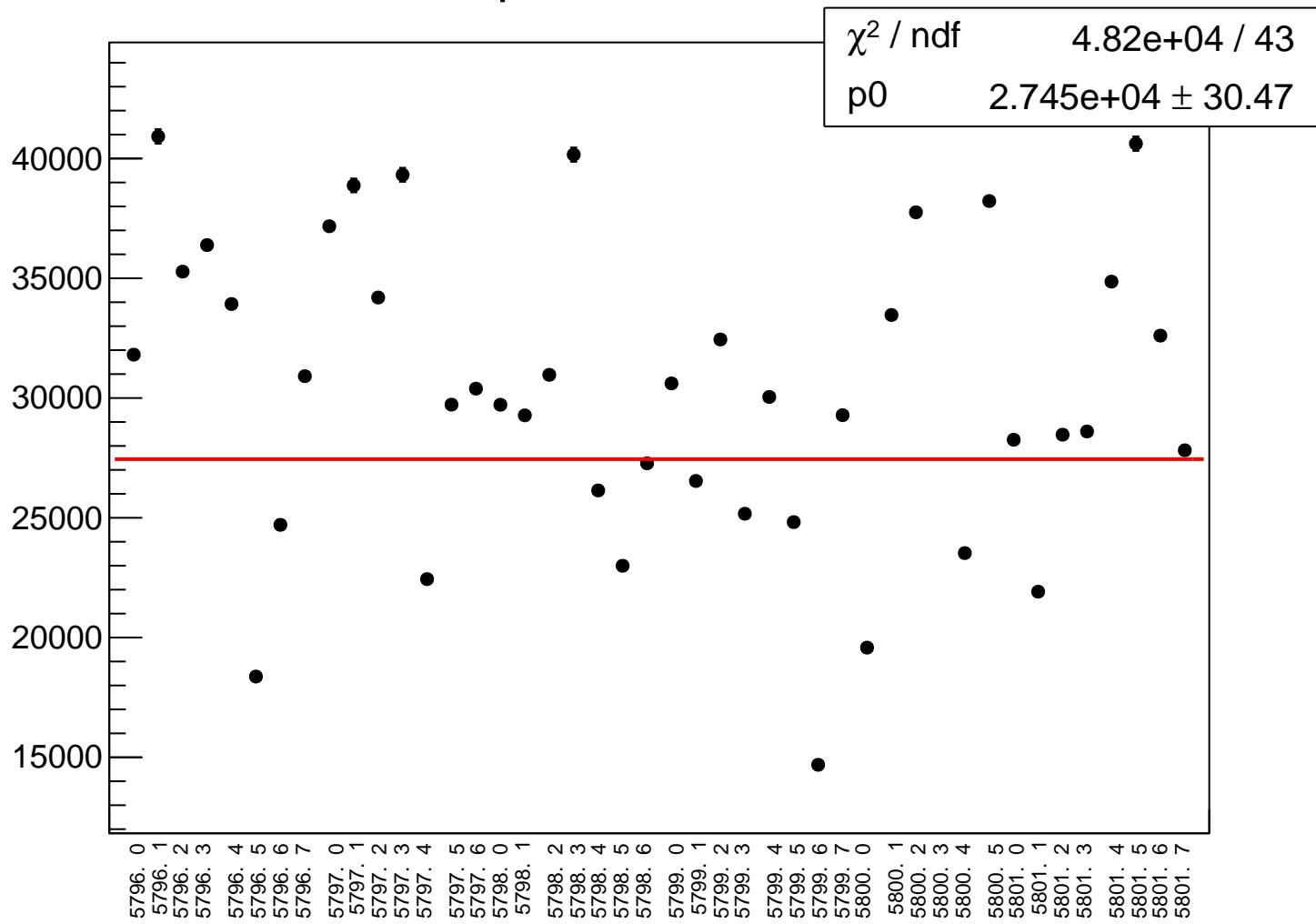
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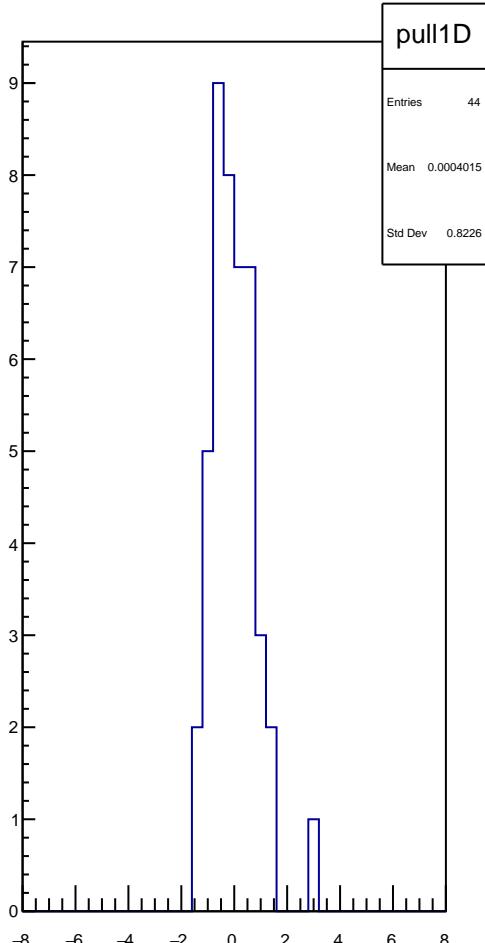
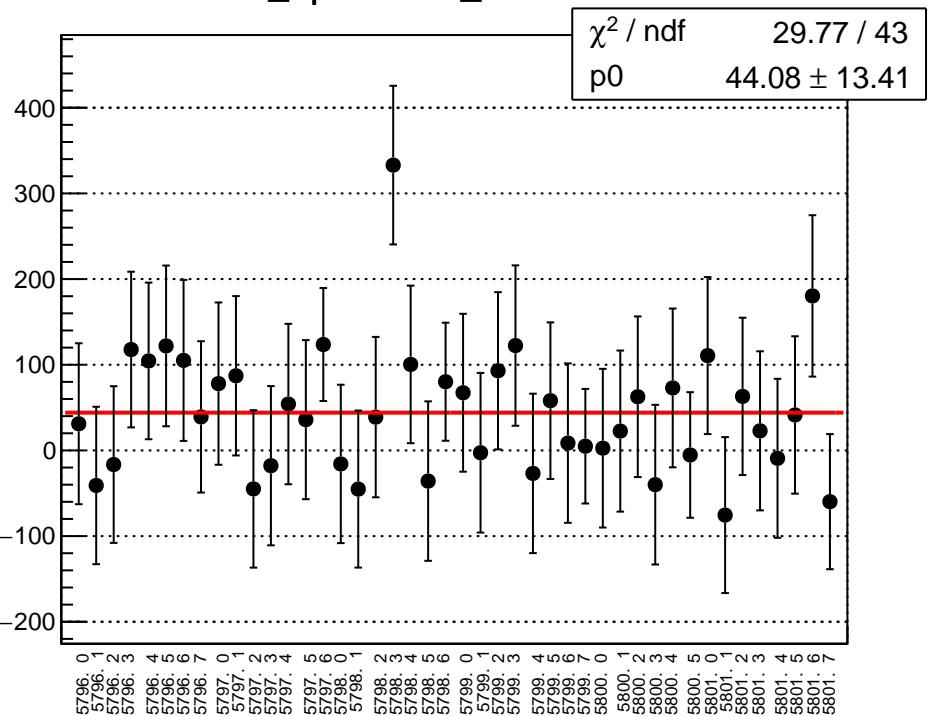
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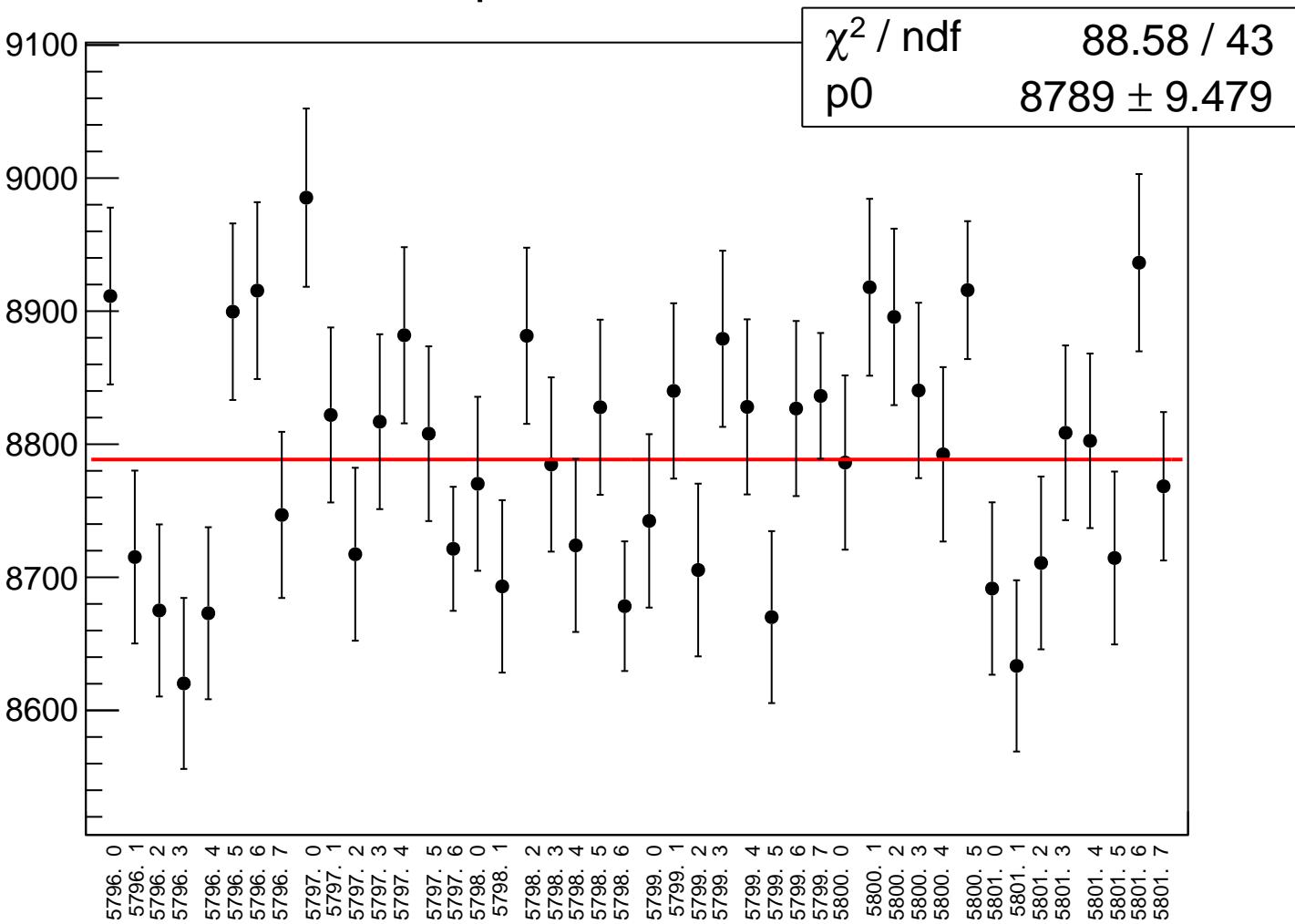
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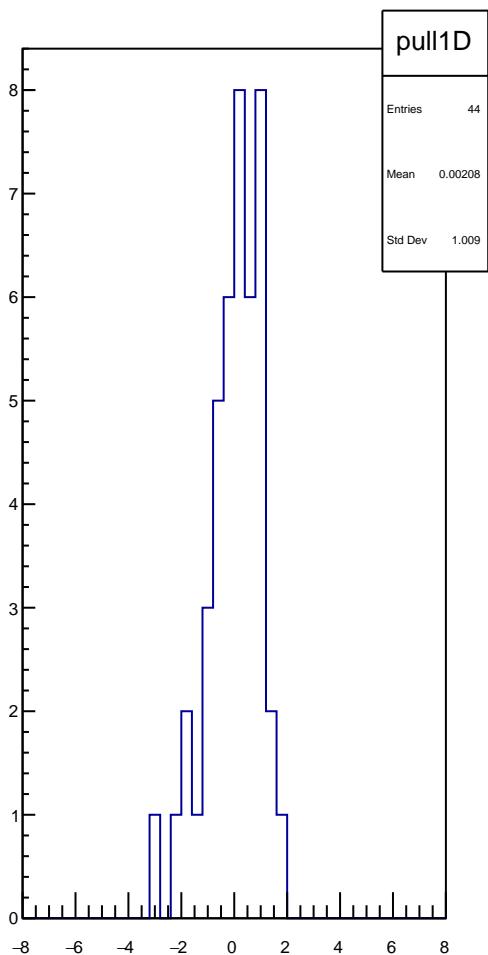
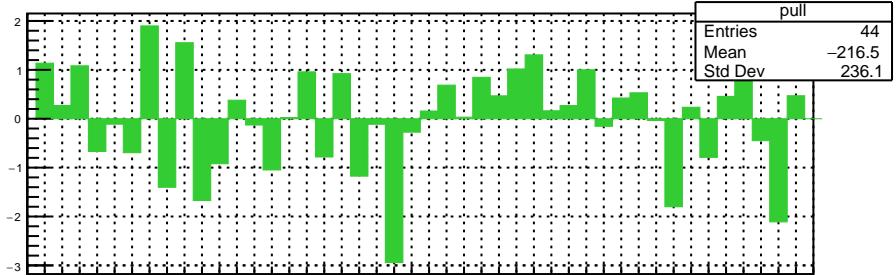
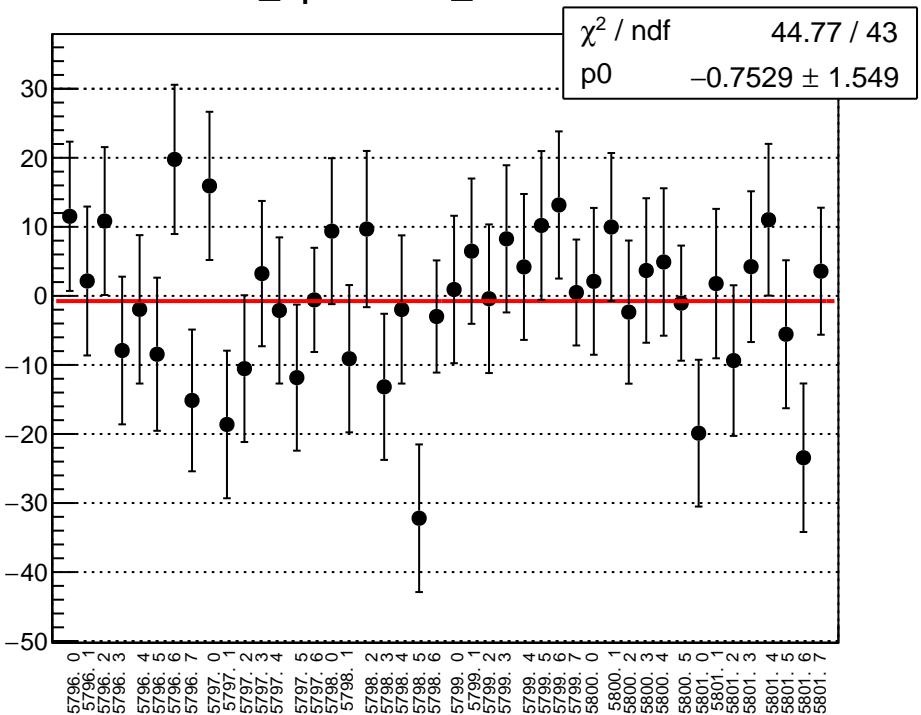
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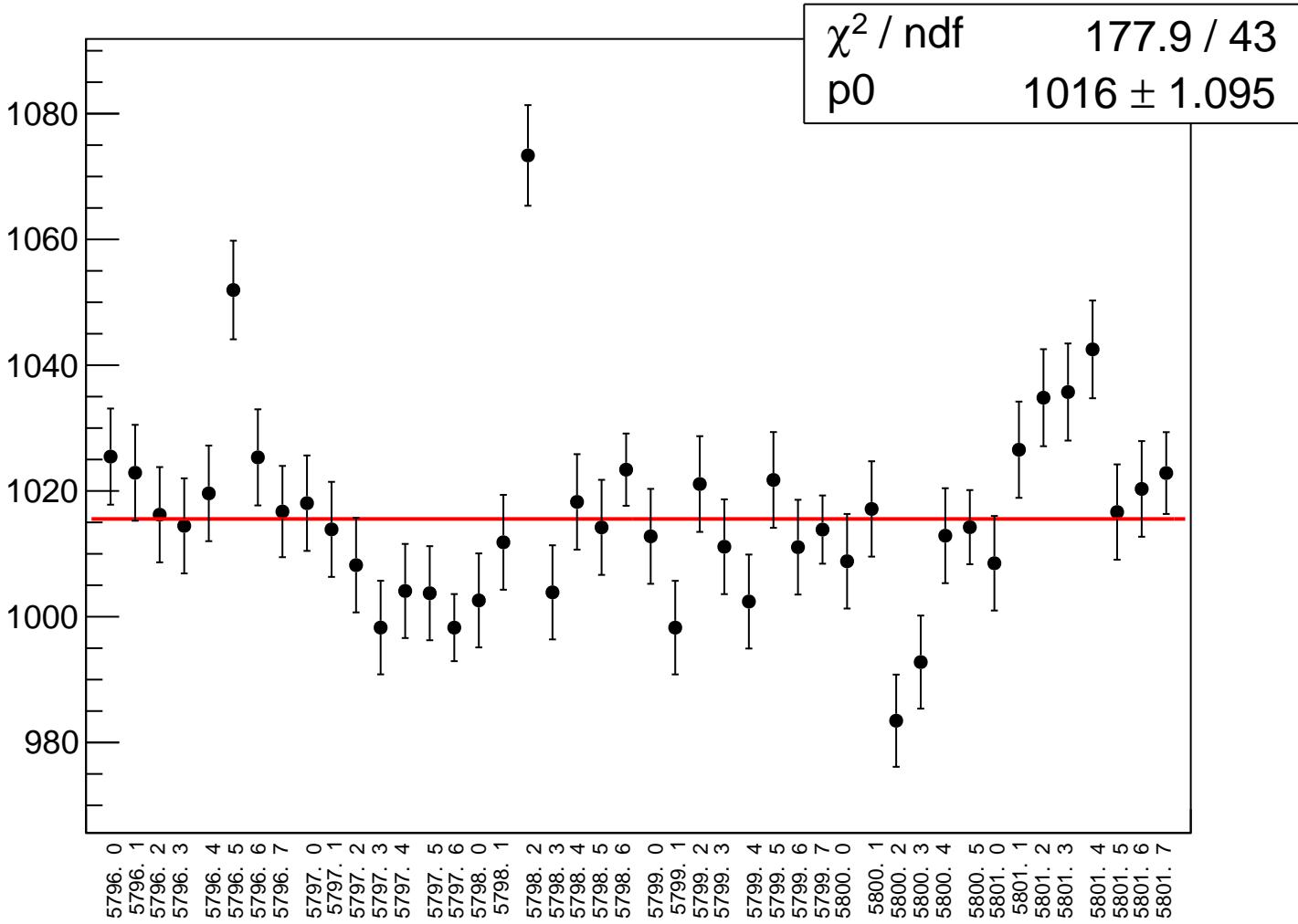
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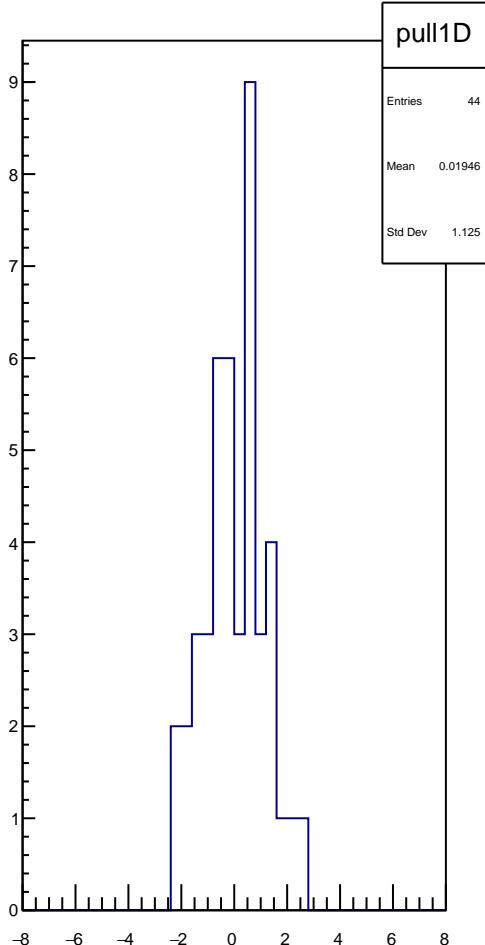
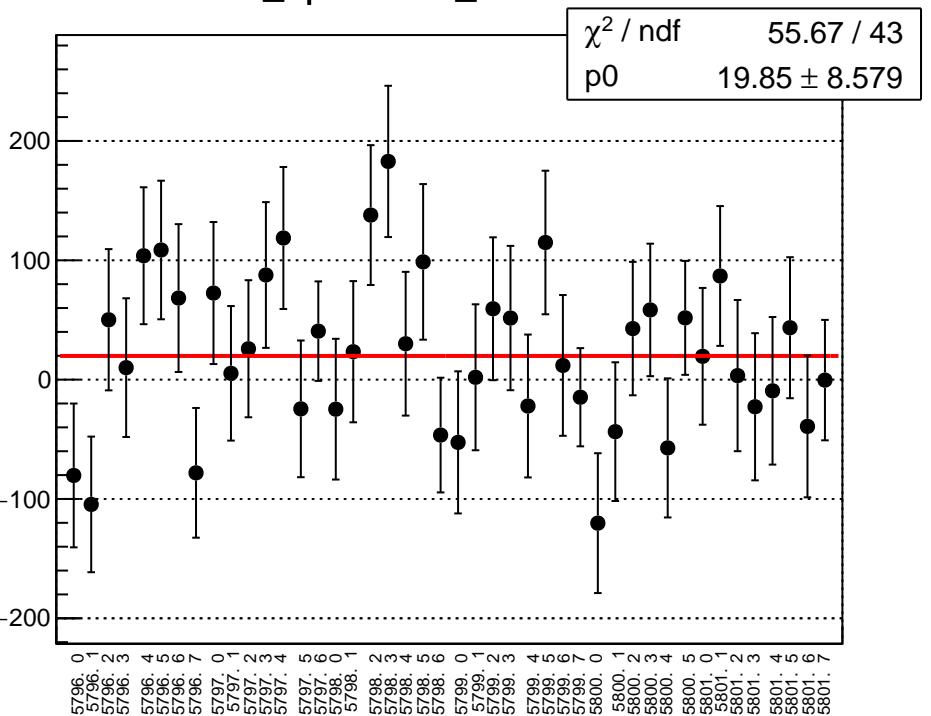
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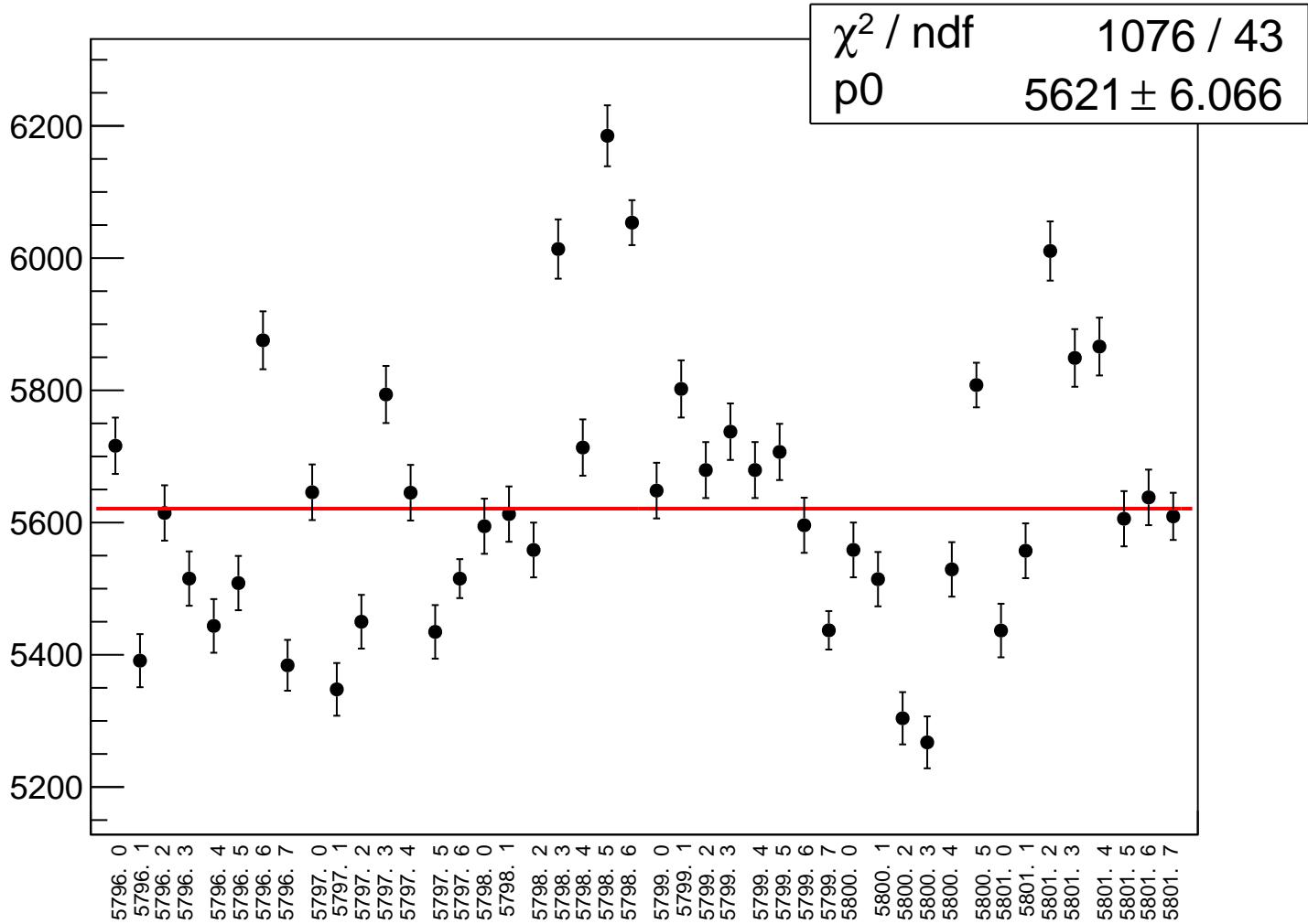
# diff\_bpm0I04Y\_rms vs run



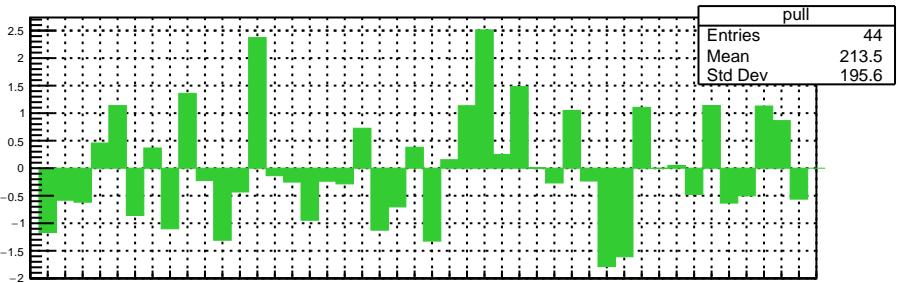
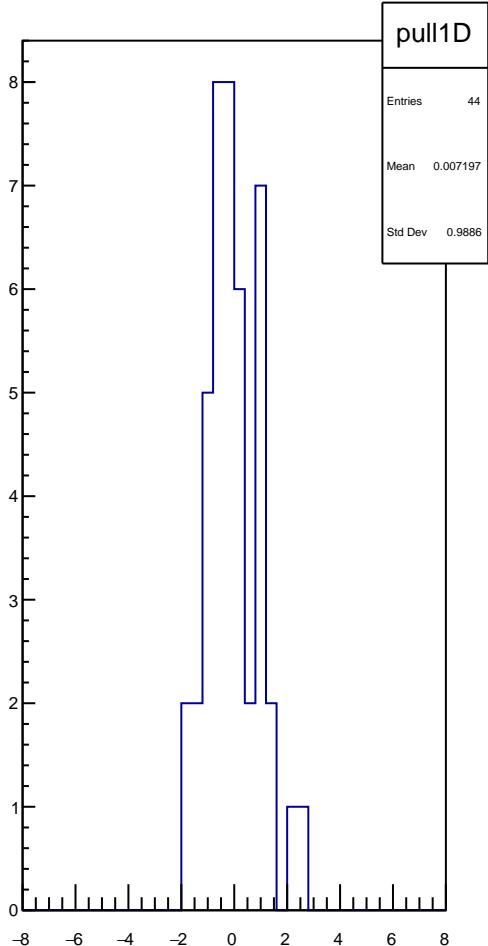
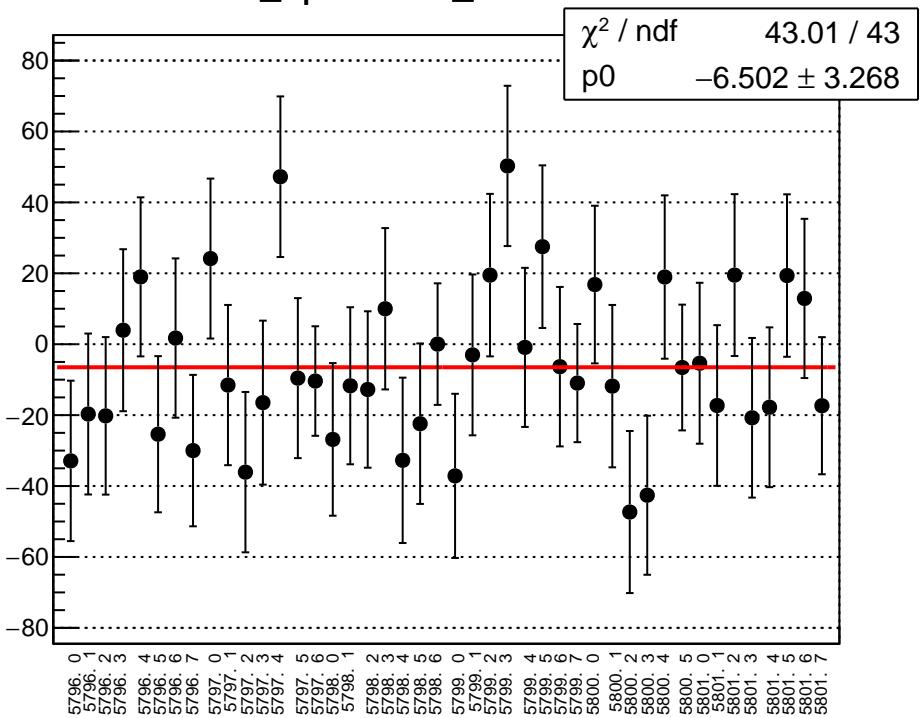
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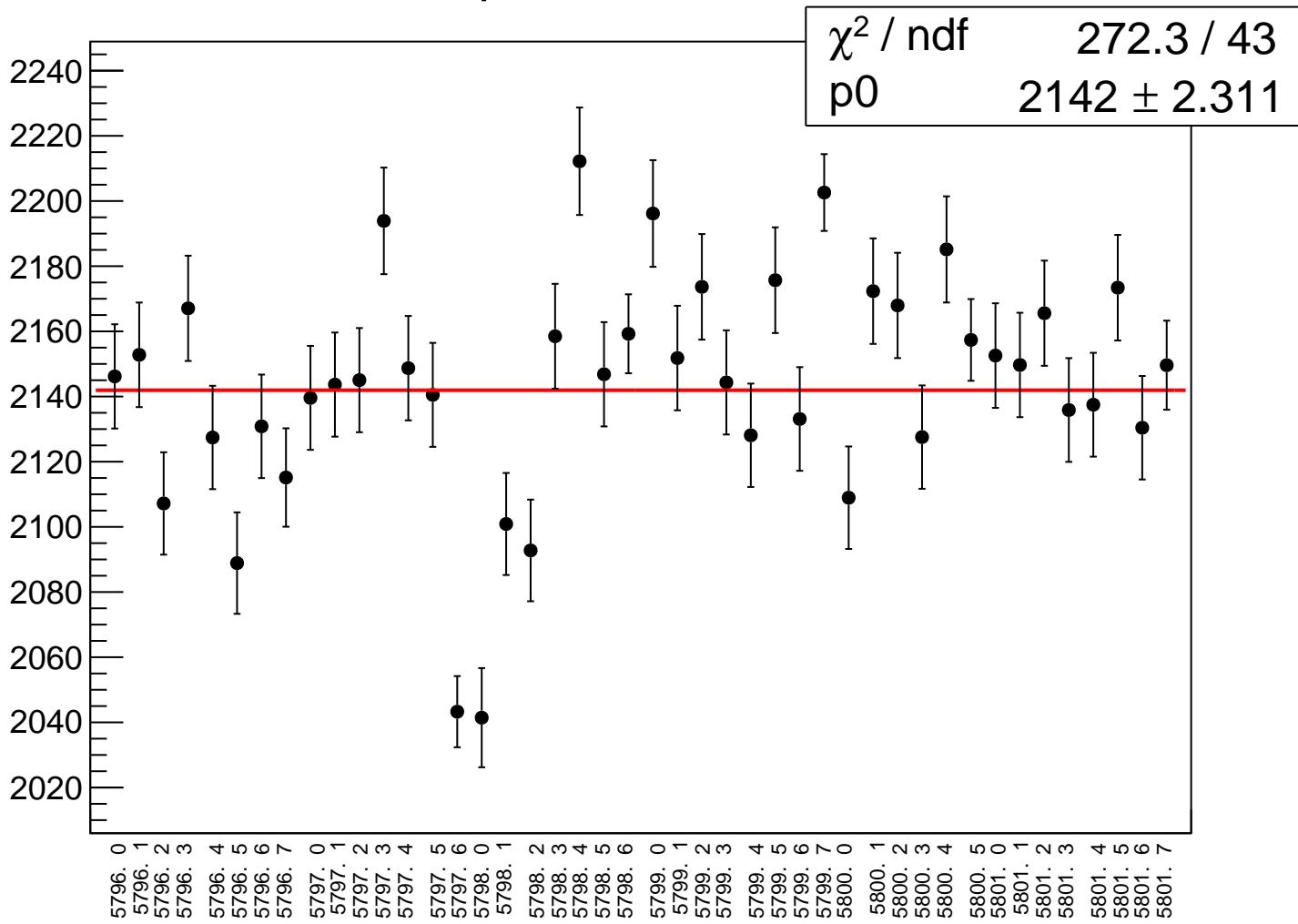
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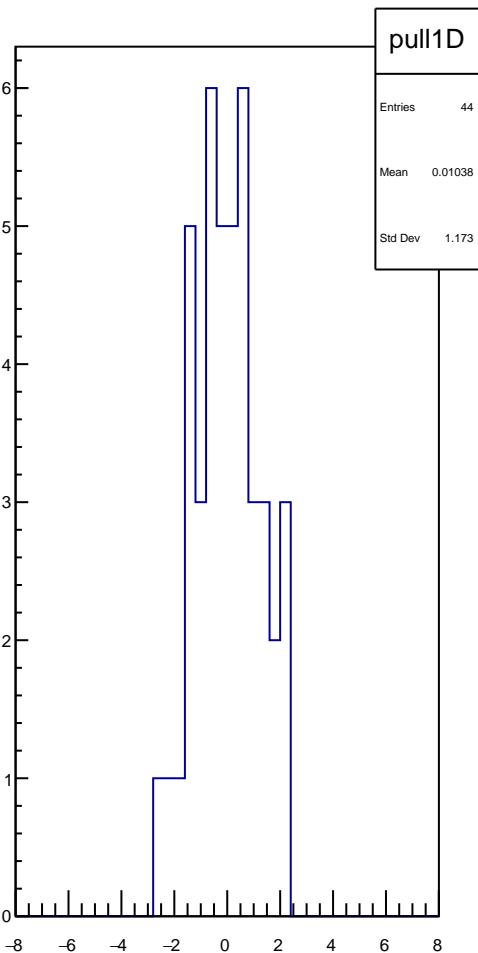
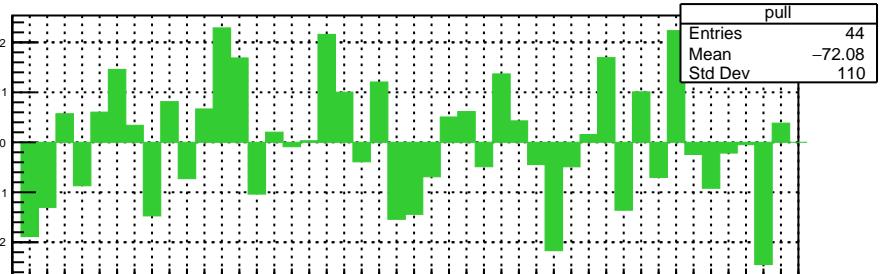
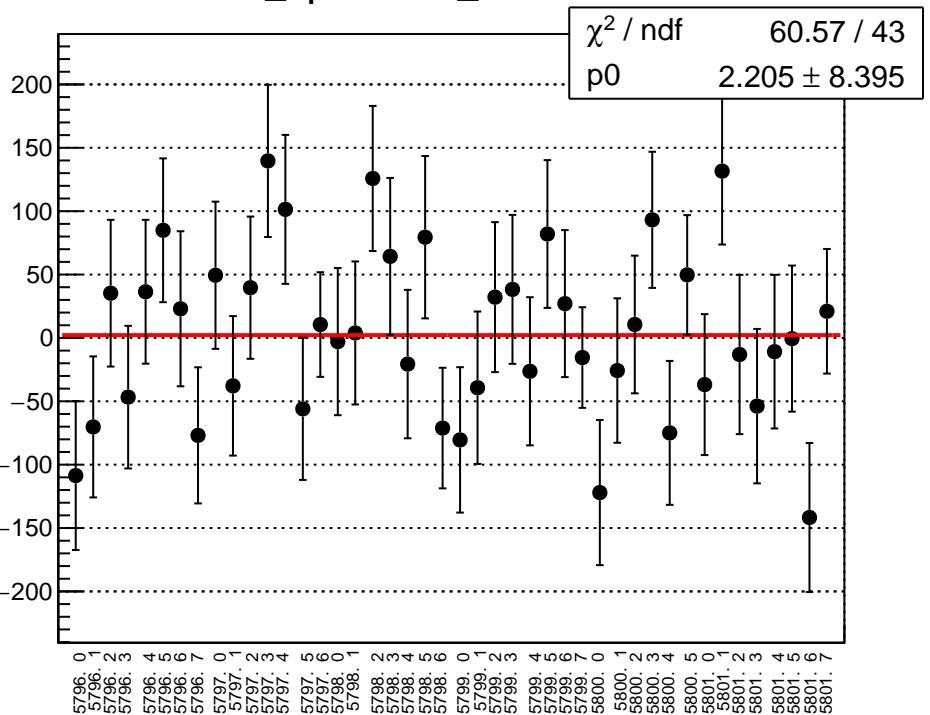
# diff\_bpm0l05Y\_mean vs run



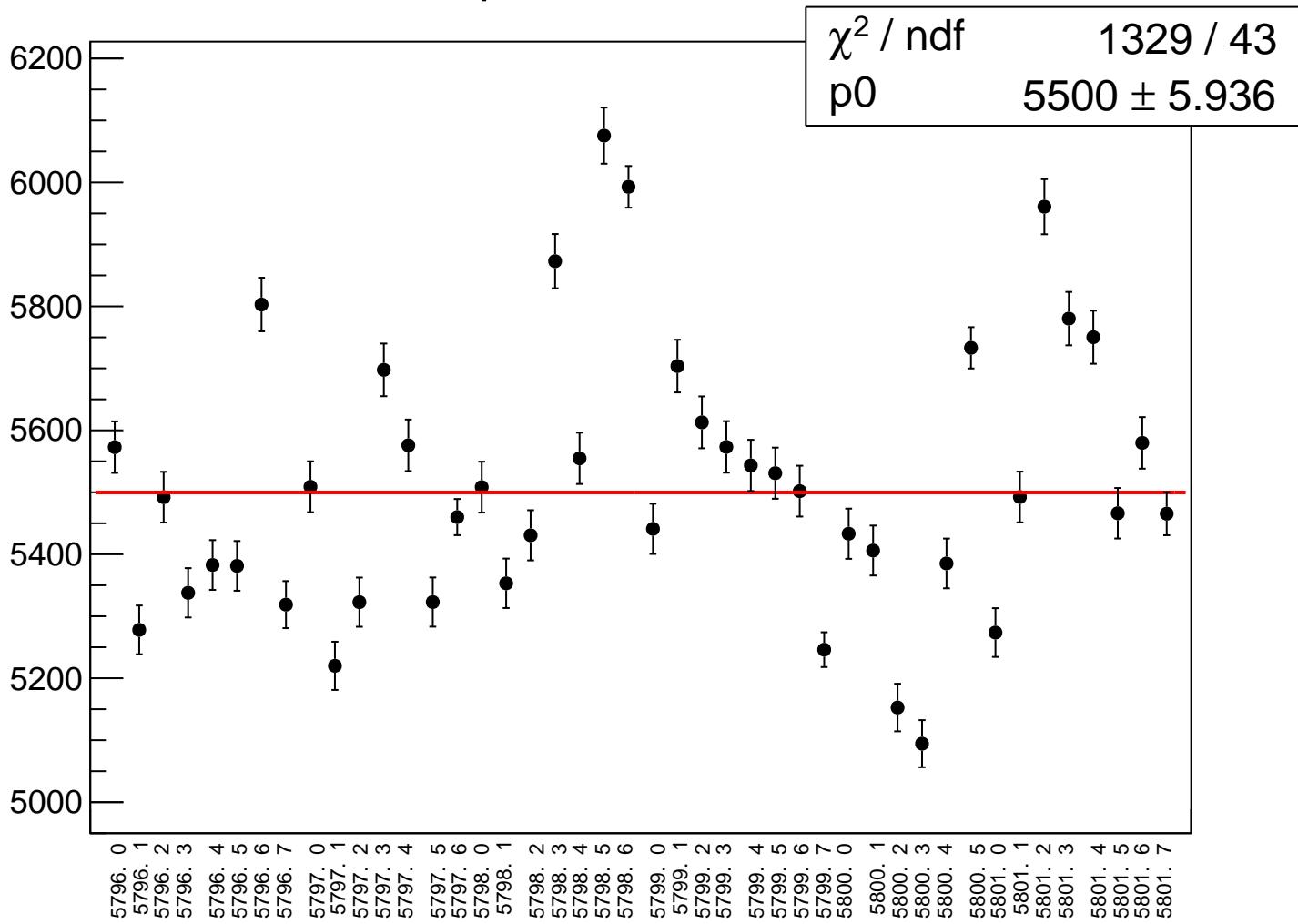
# diff\_bpm0I05Y\_rms vs run



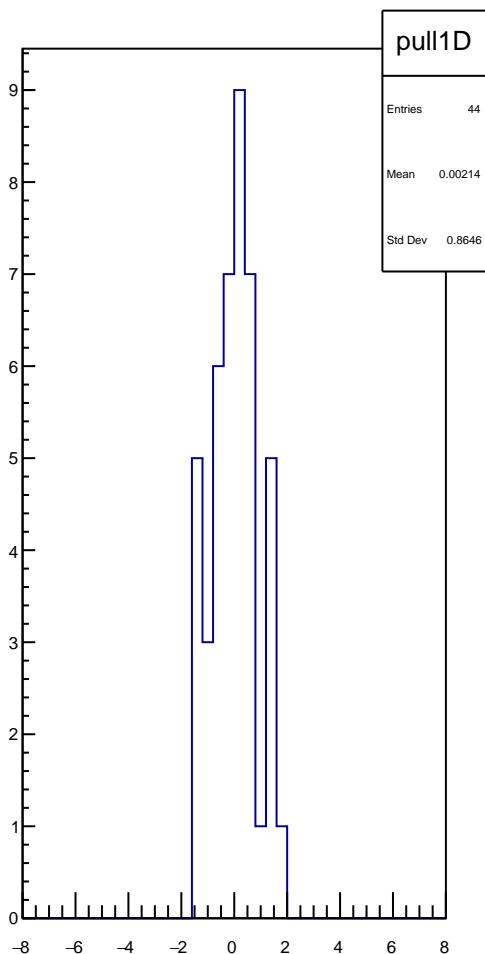
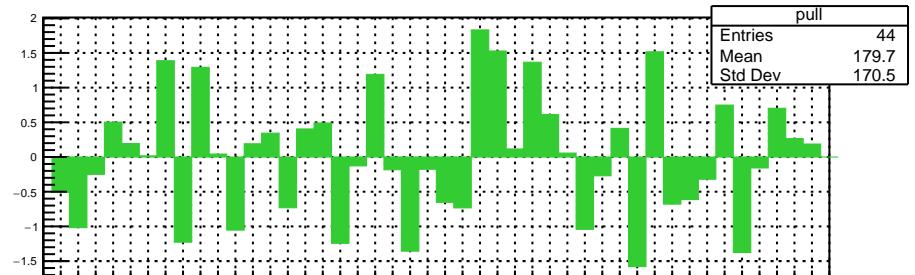
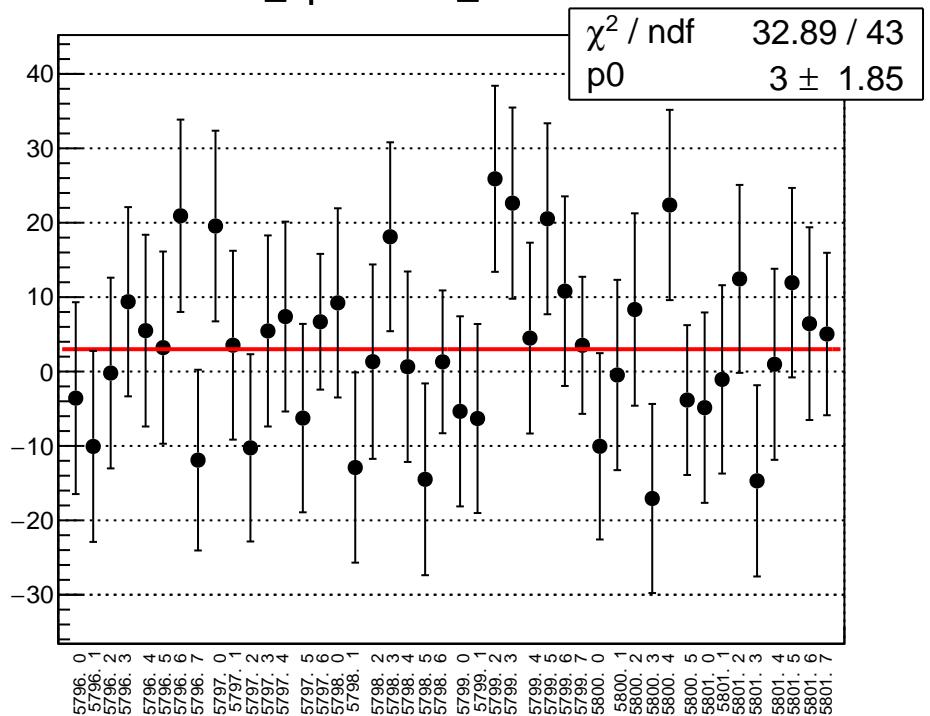
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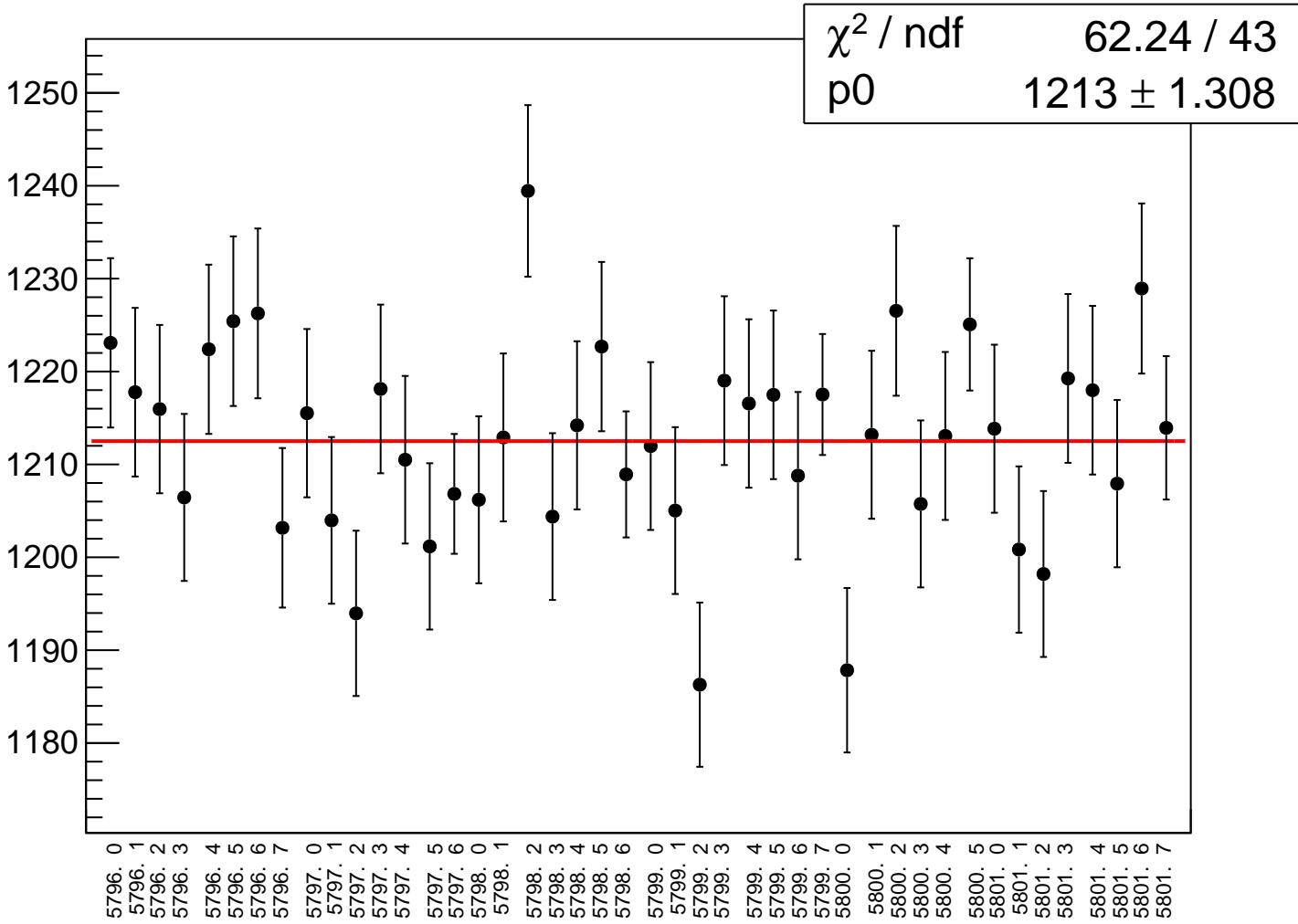
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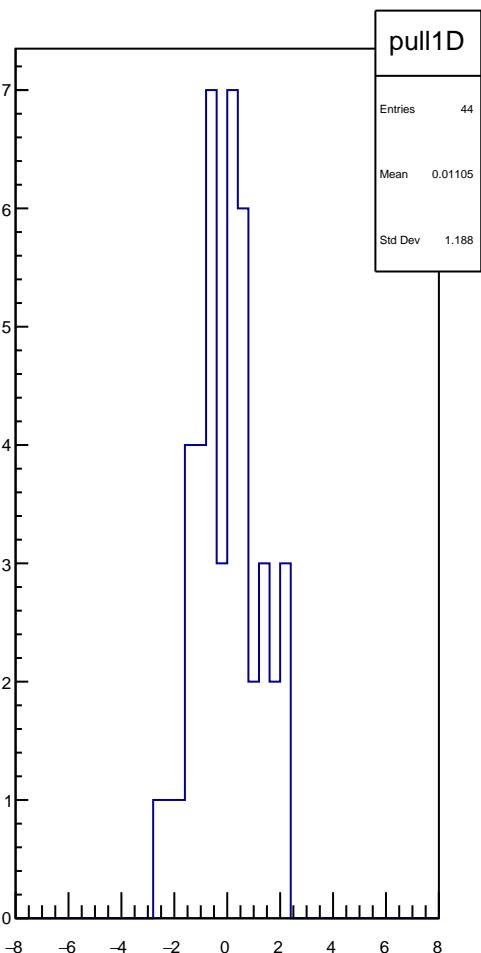
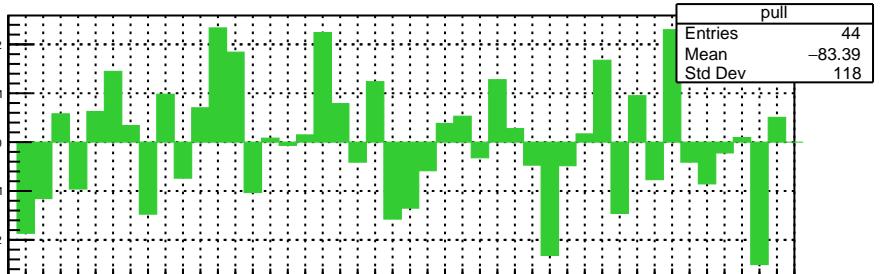
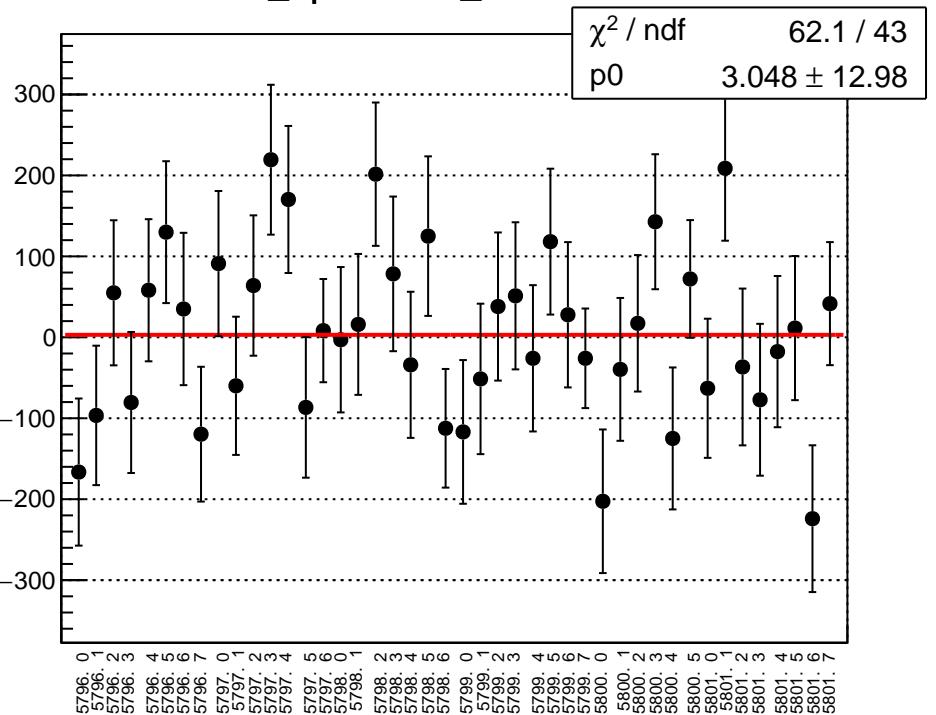
# diff\_bpm0l06Y\_mean vs run



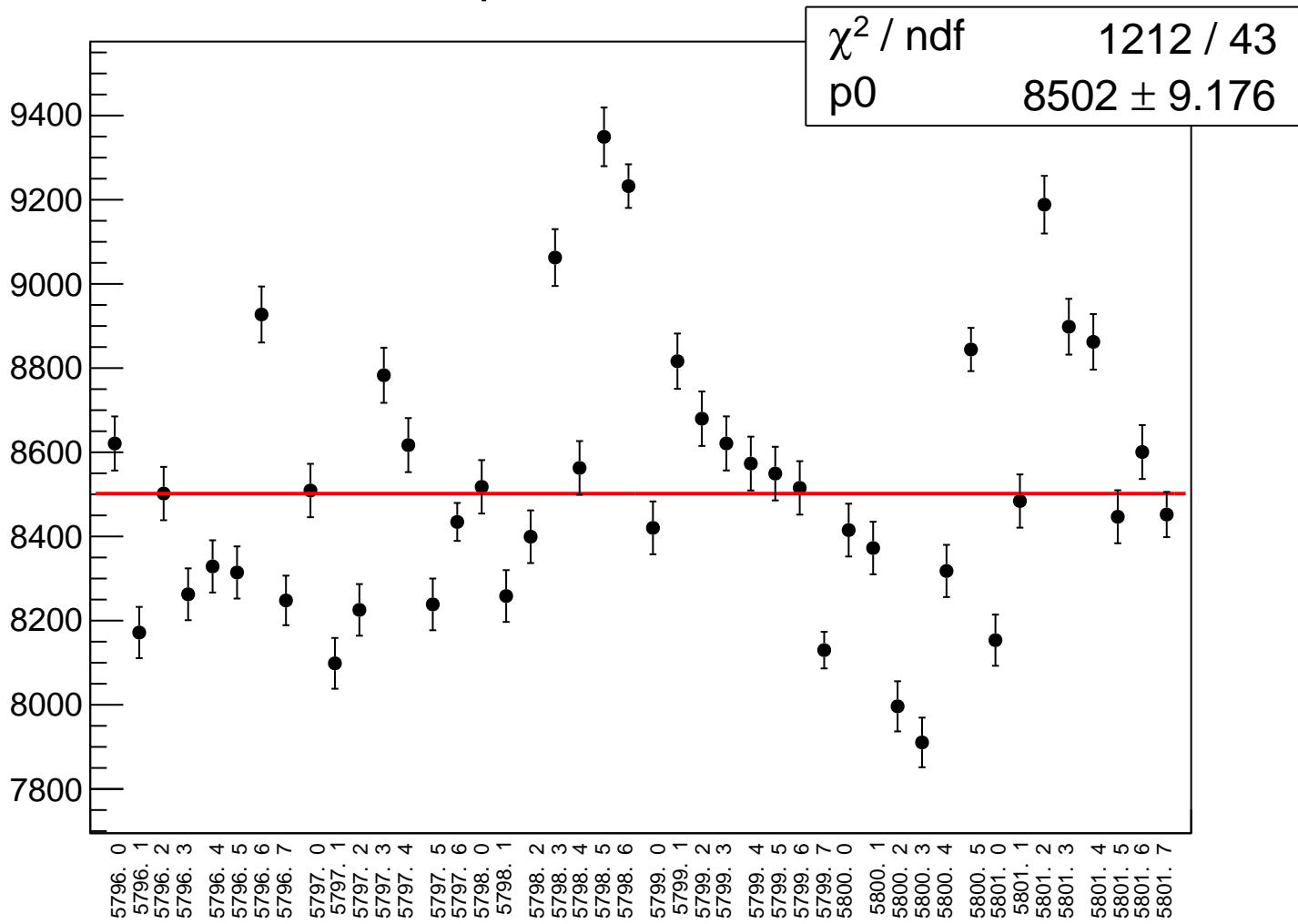
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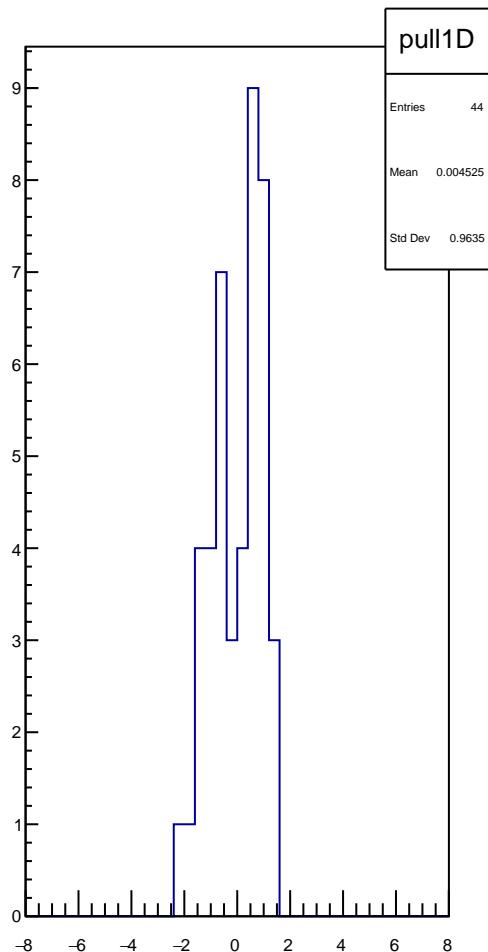
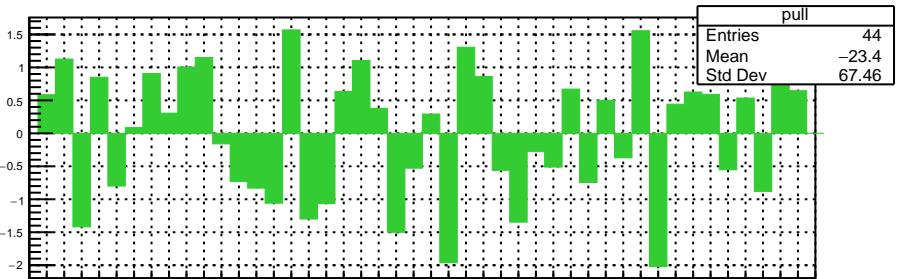
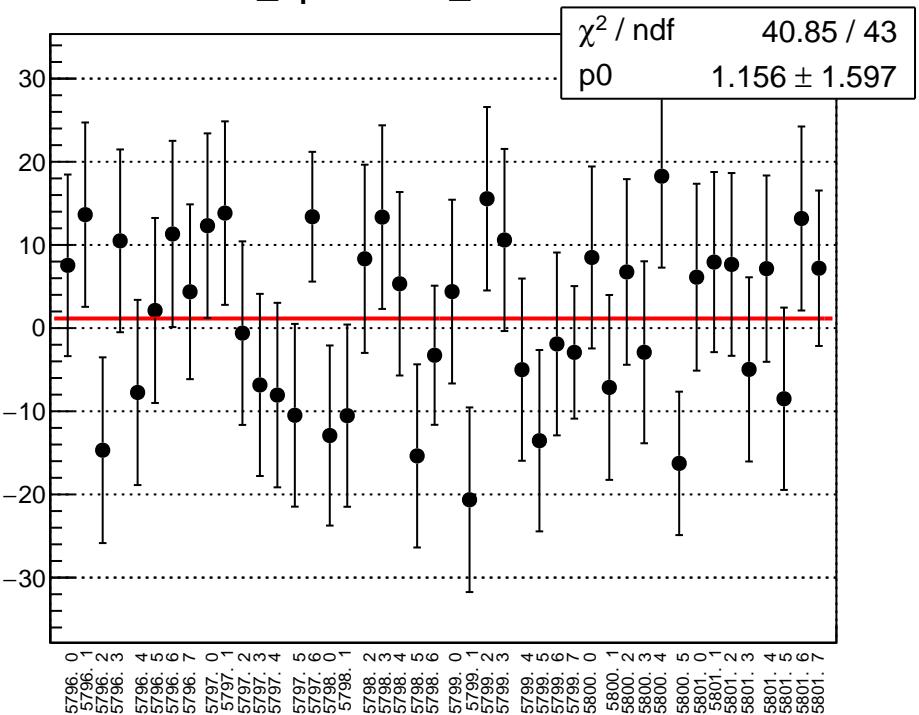
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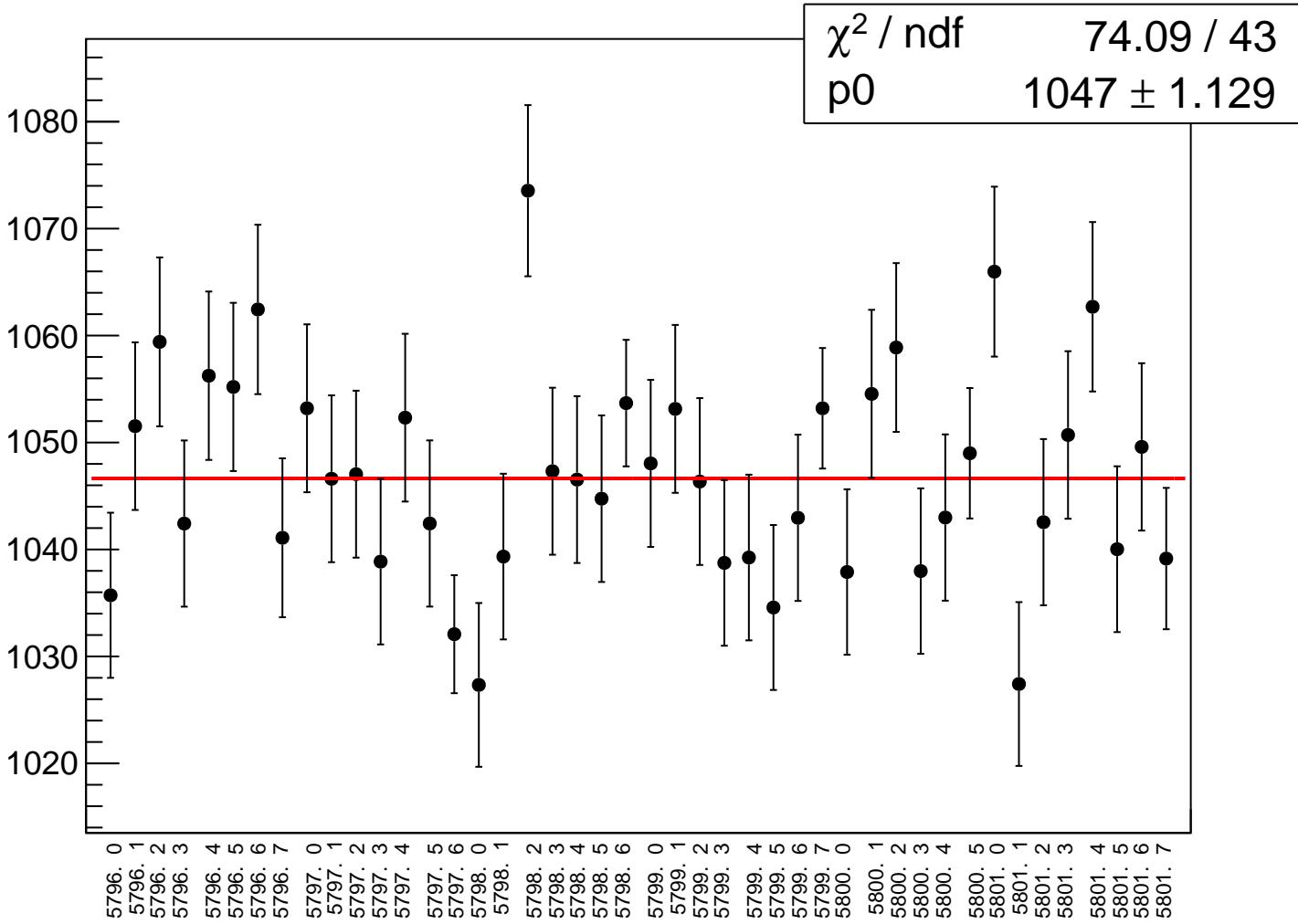
# diff\_bpm0I07X\_rms vs run



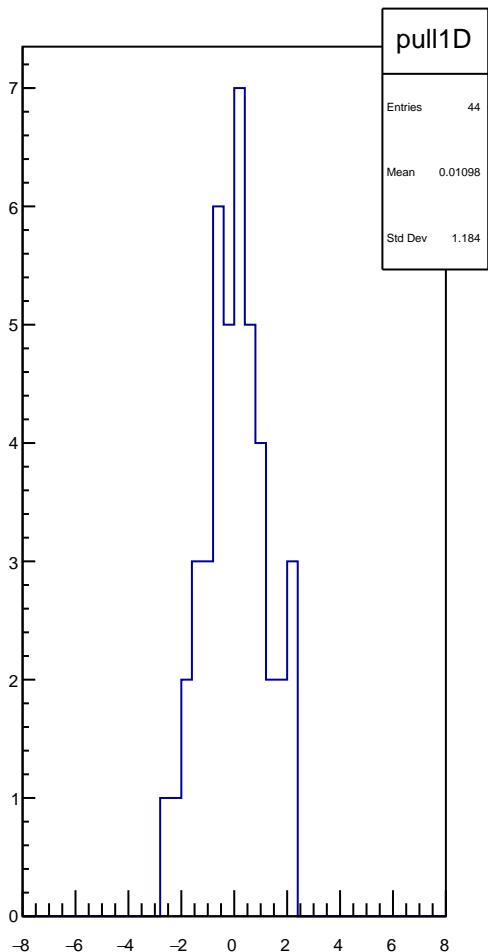
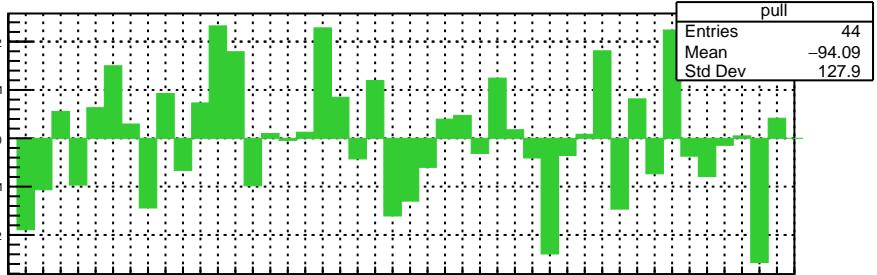
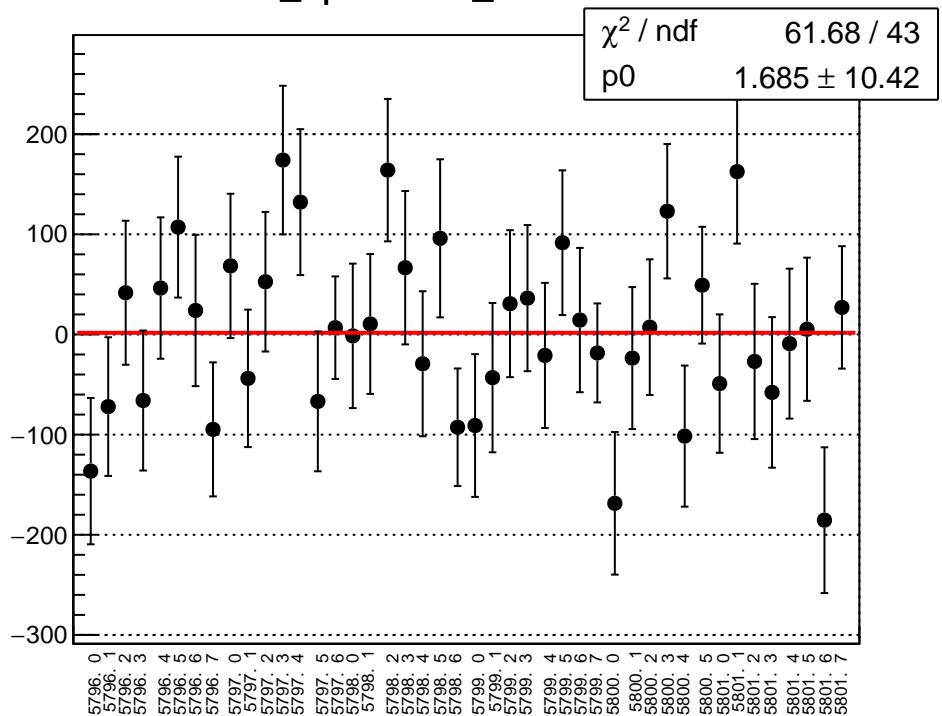
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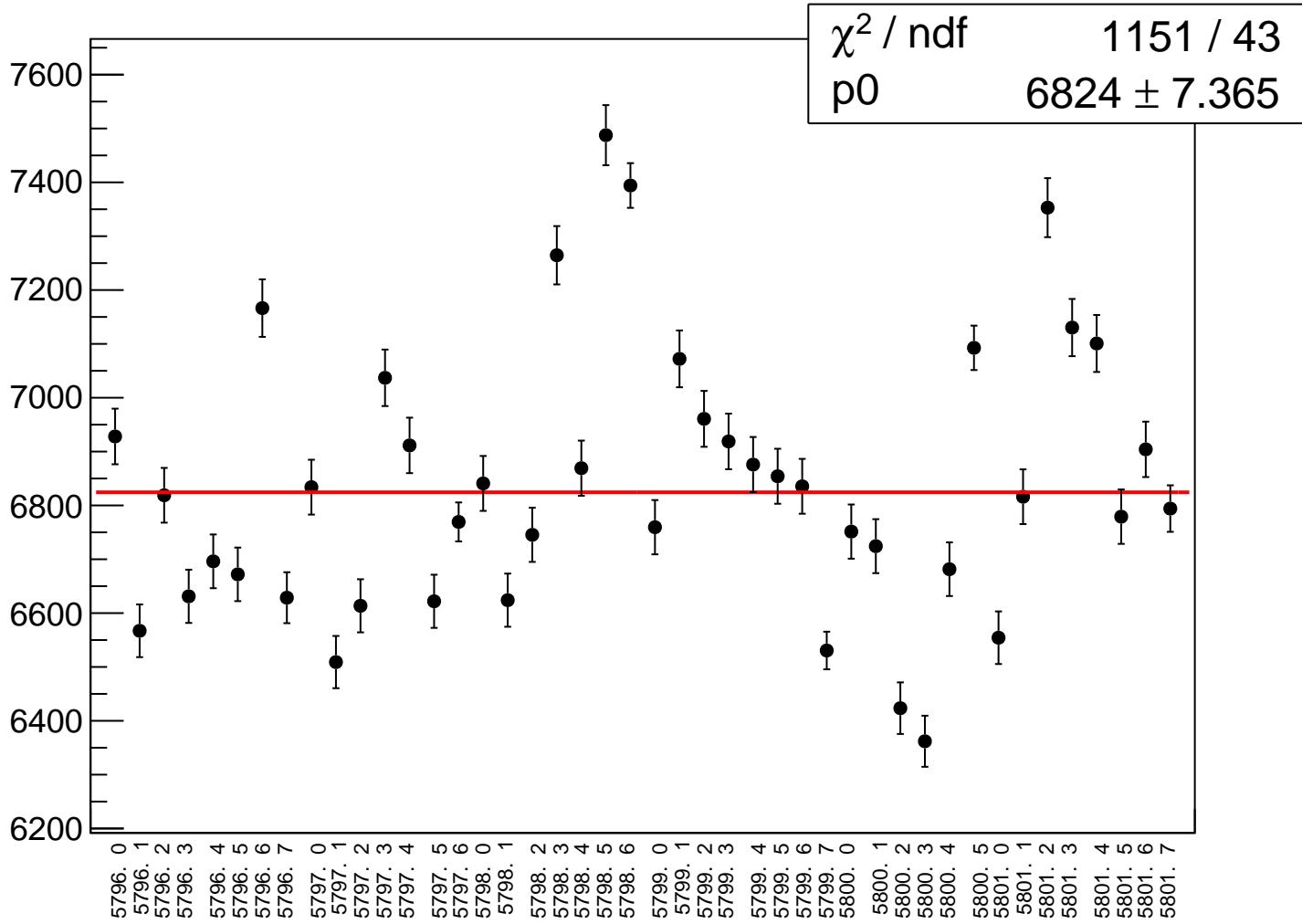
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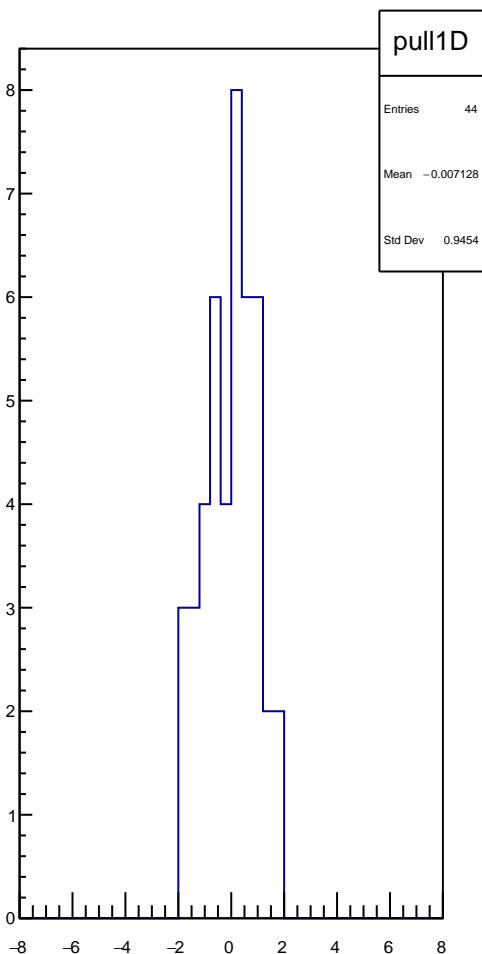
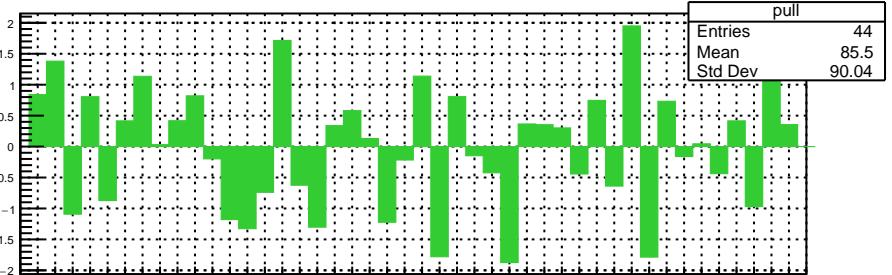
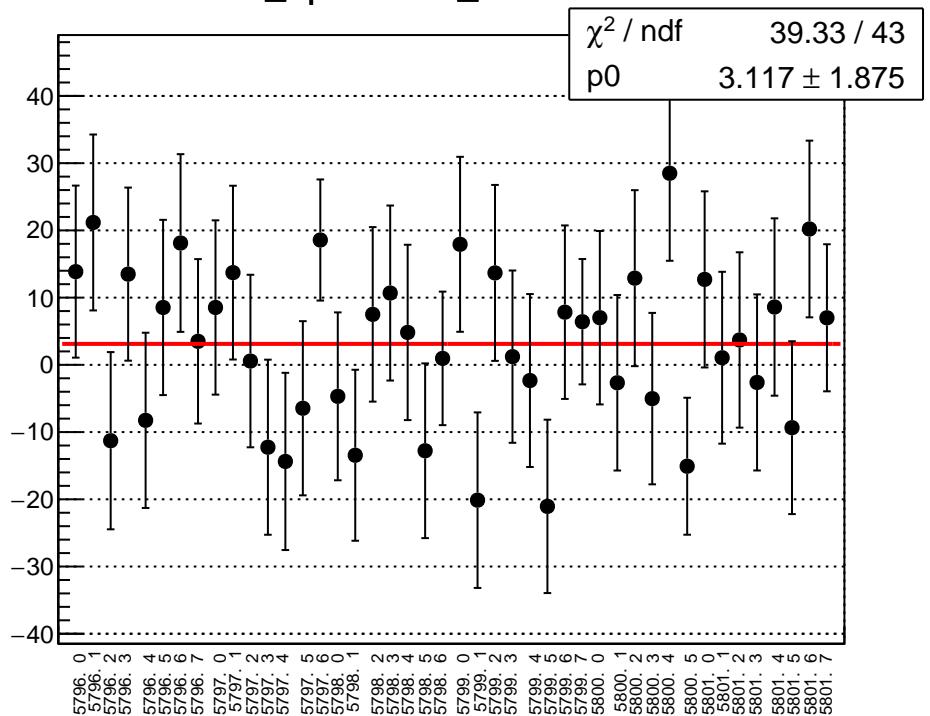
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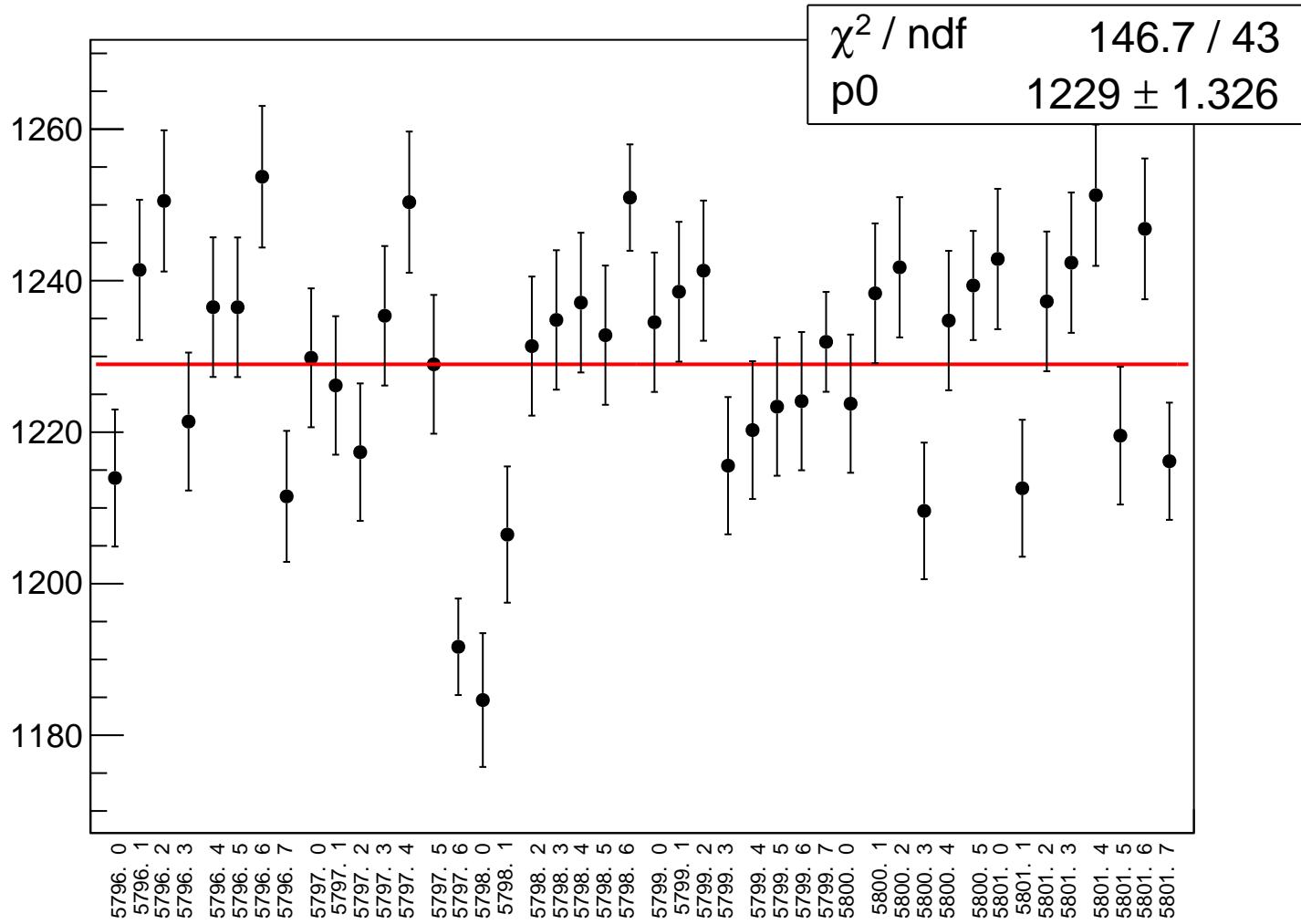
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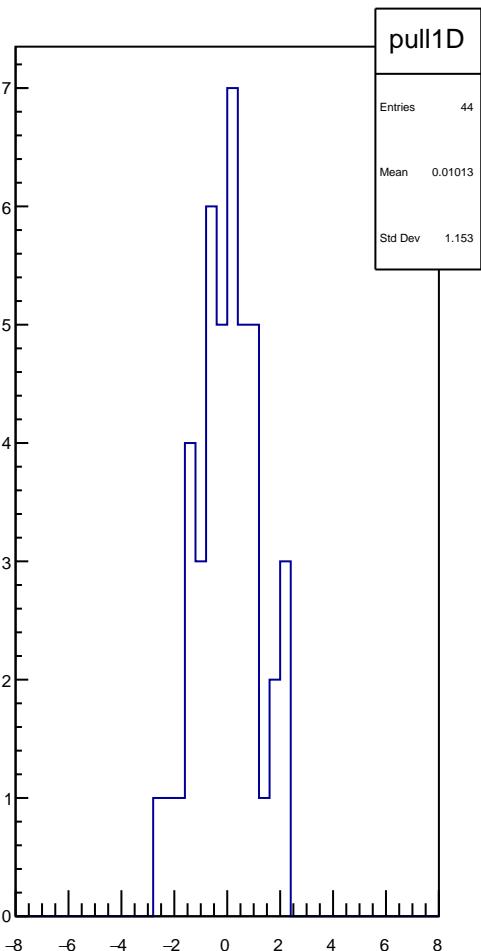
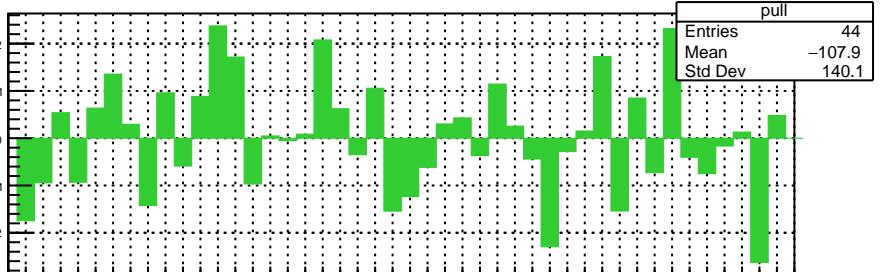
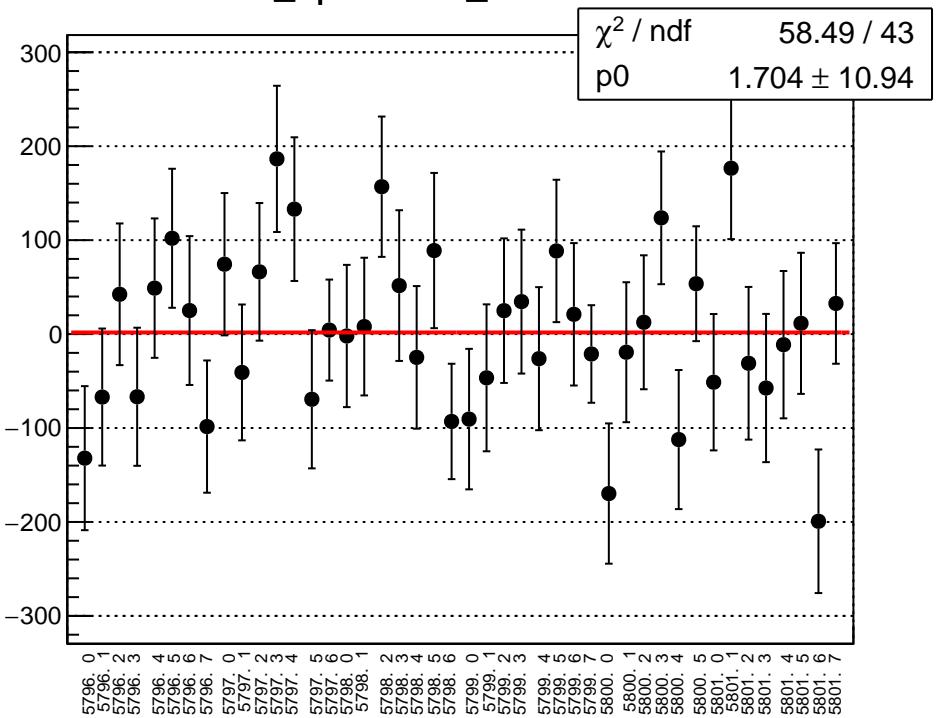
# diff\_bpm0l08Y\_mean vs run



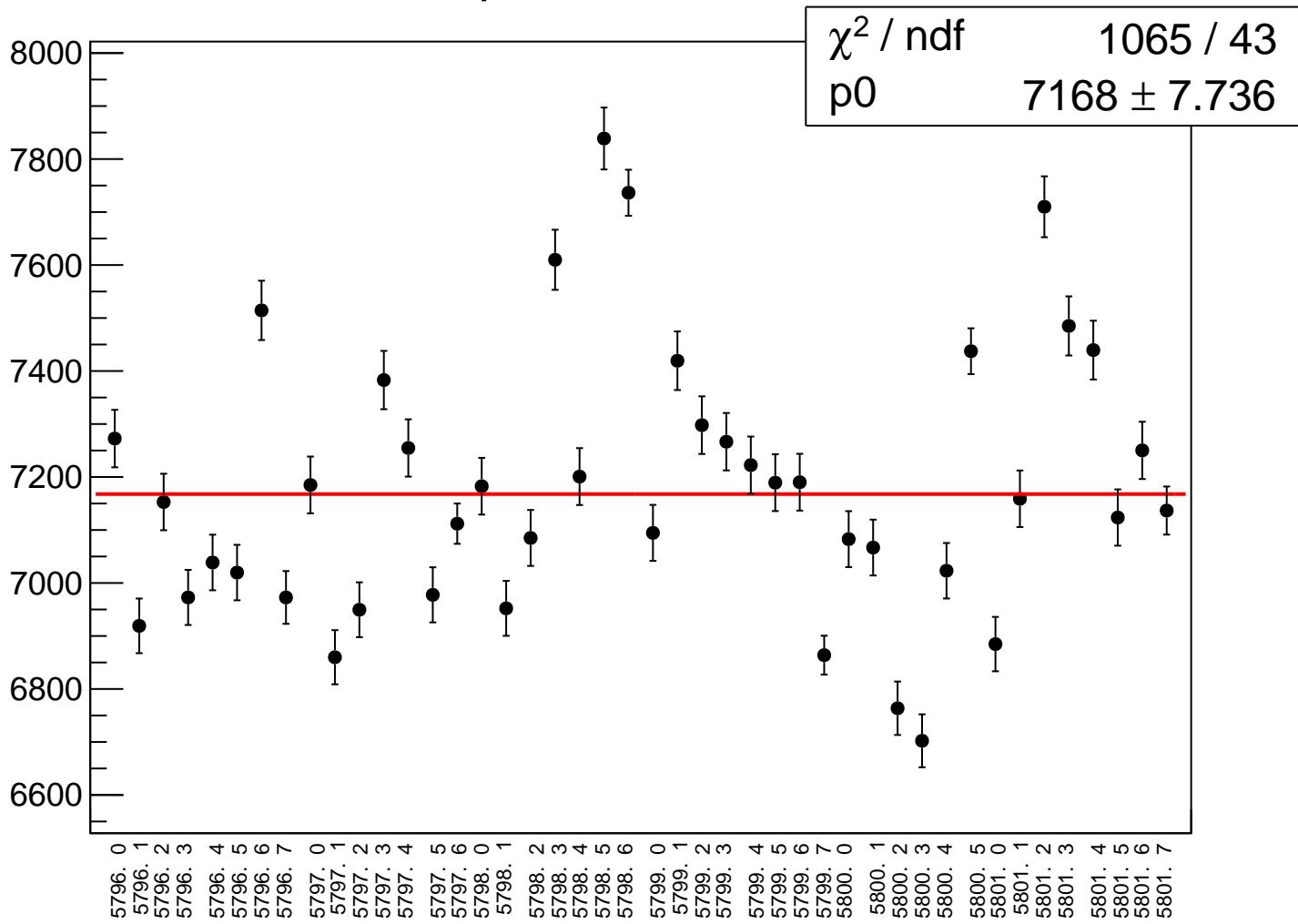
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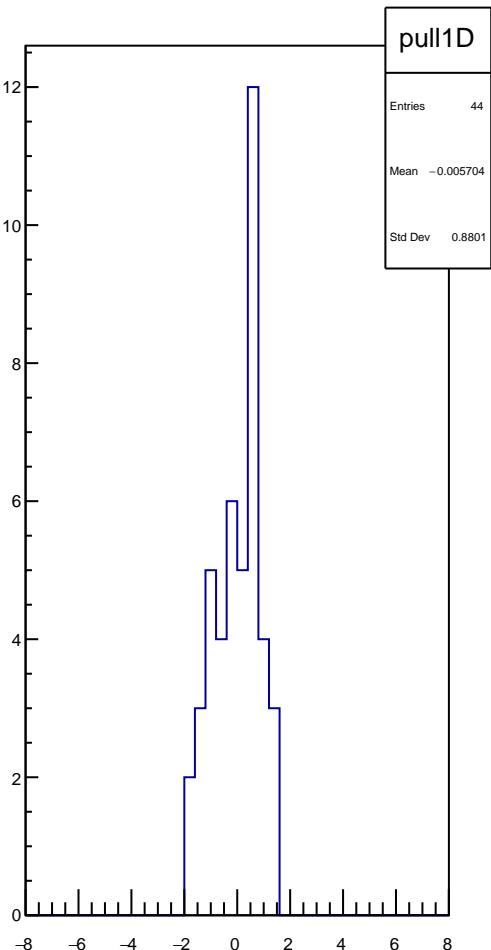
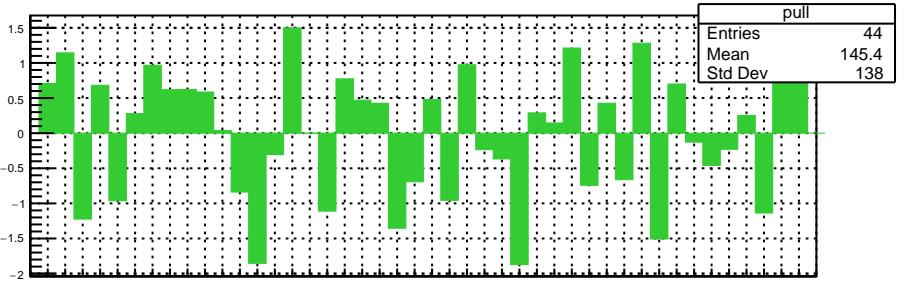
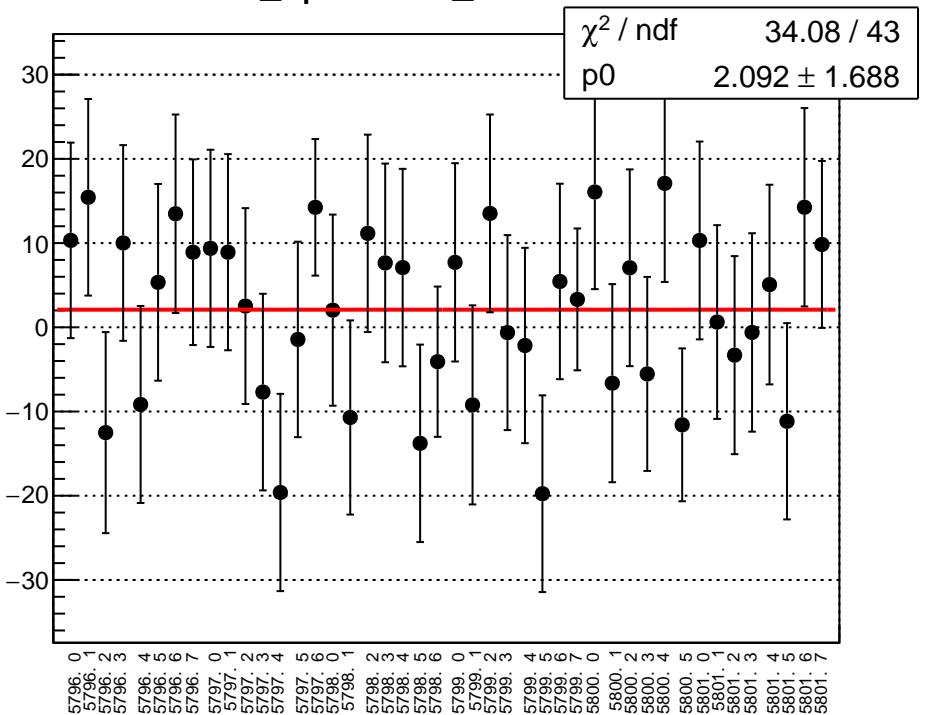
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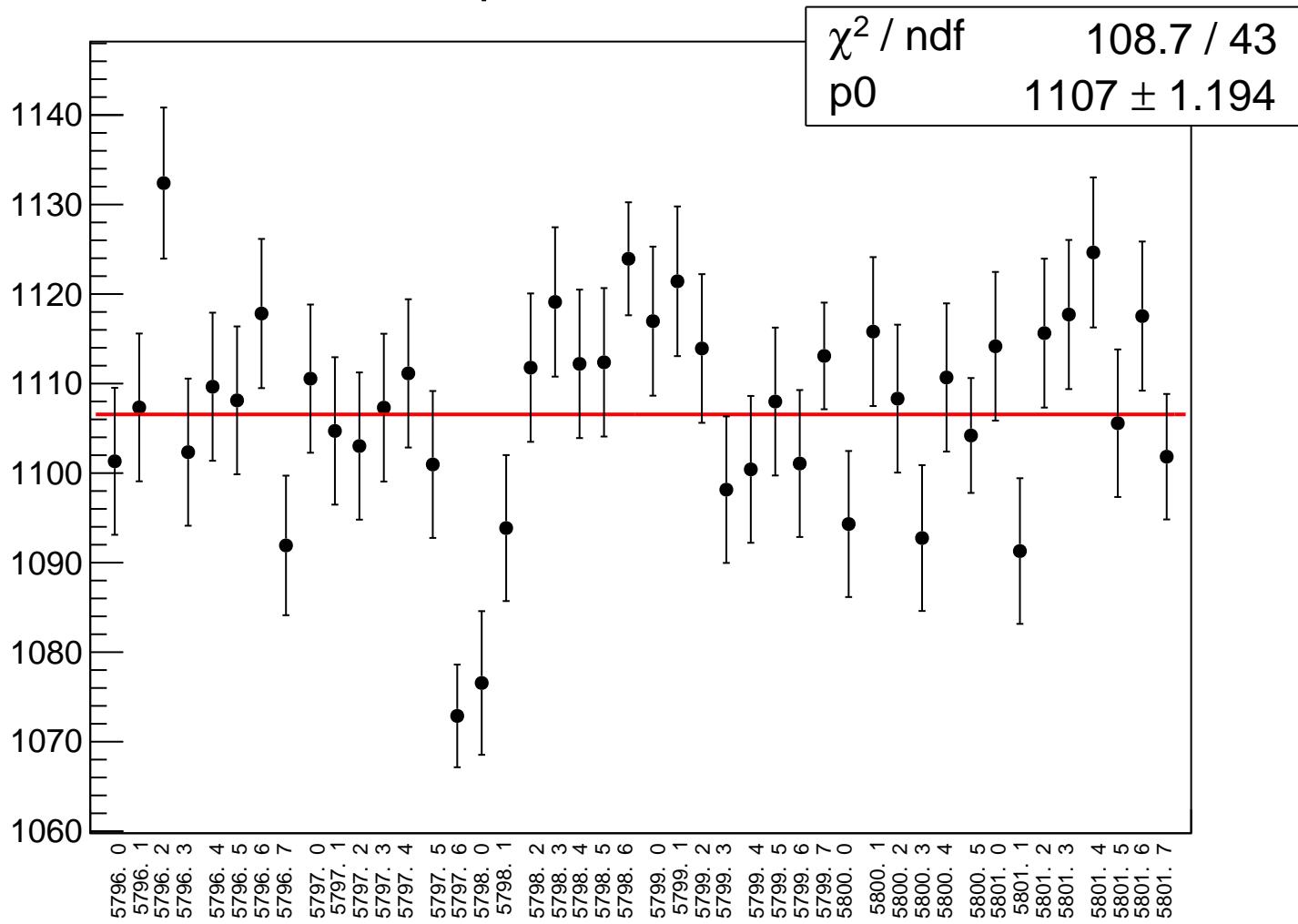
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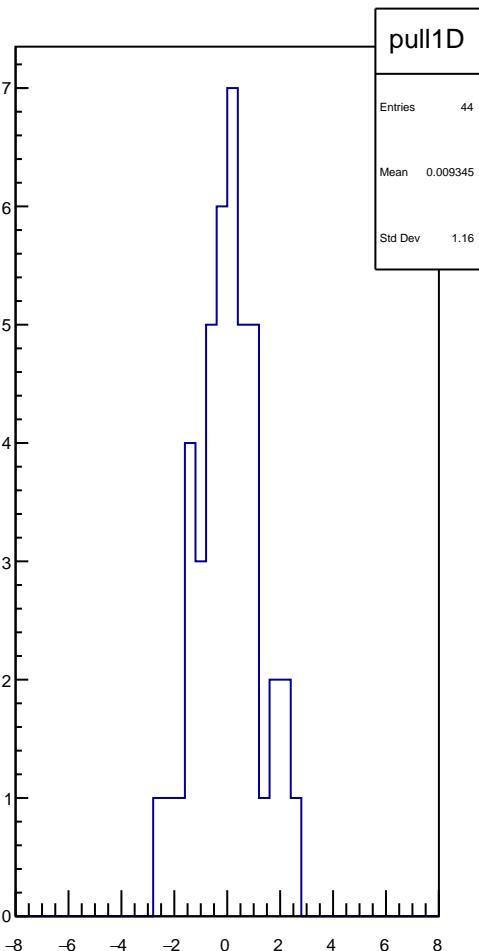
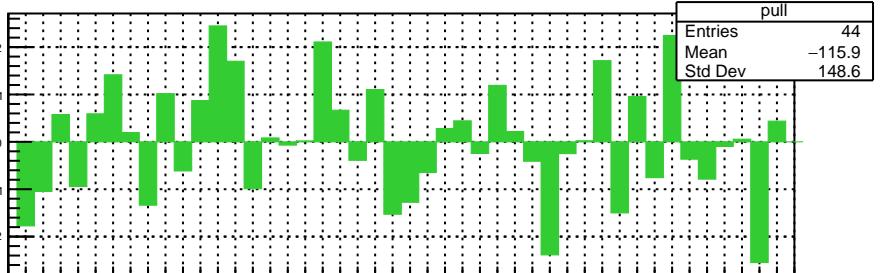
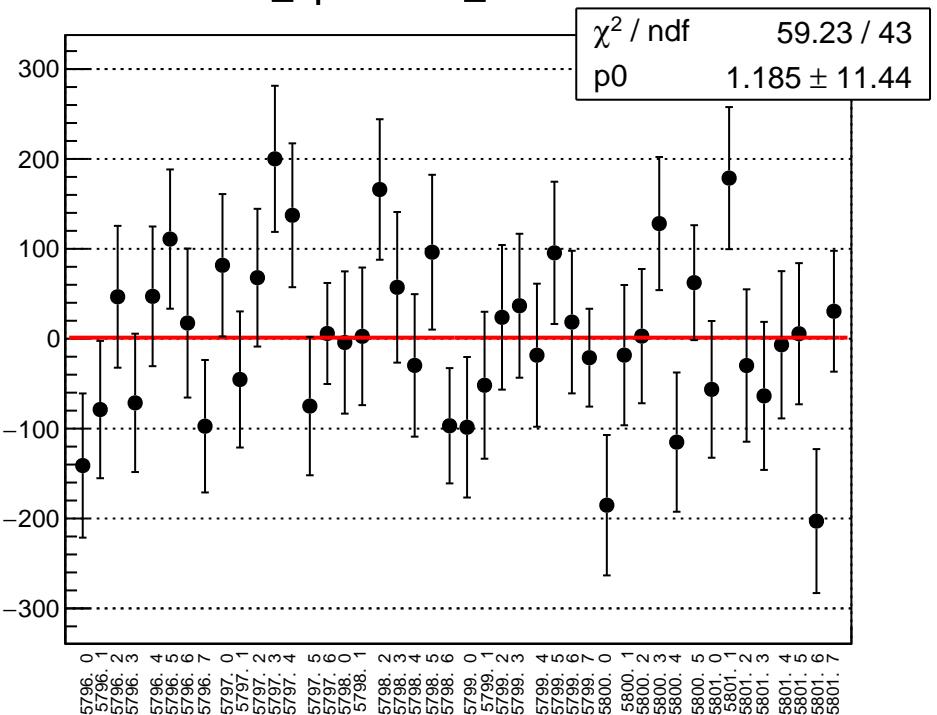
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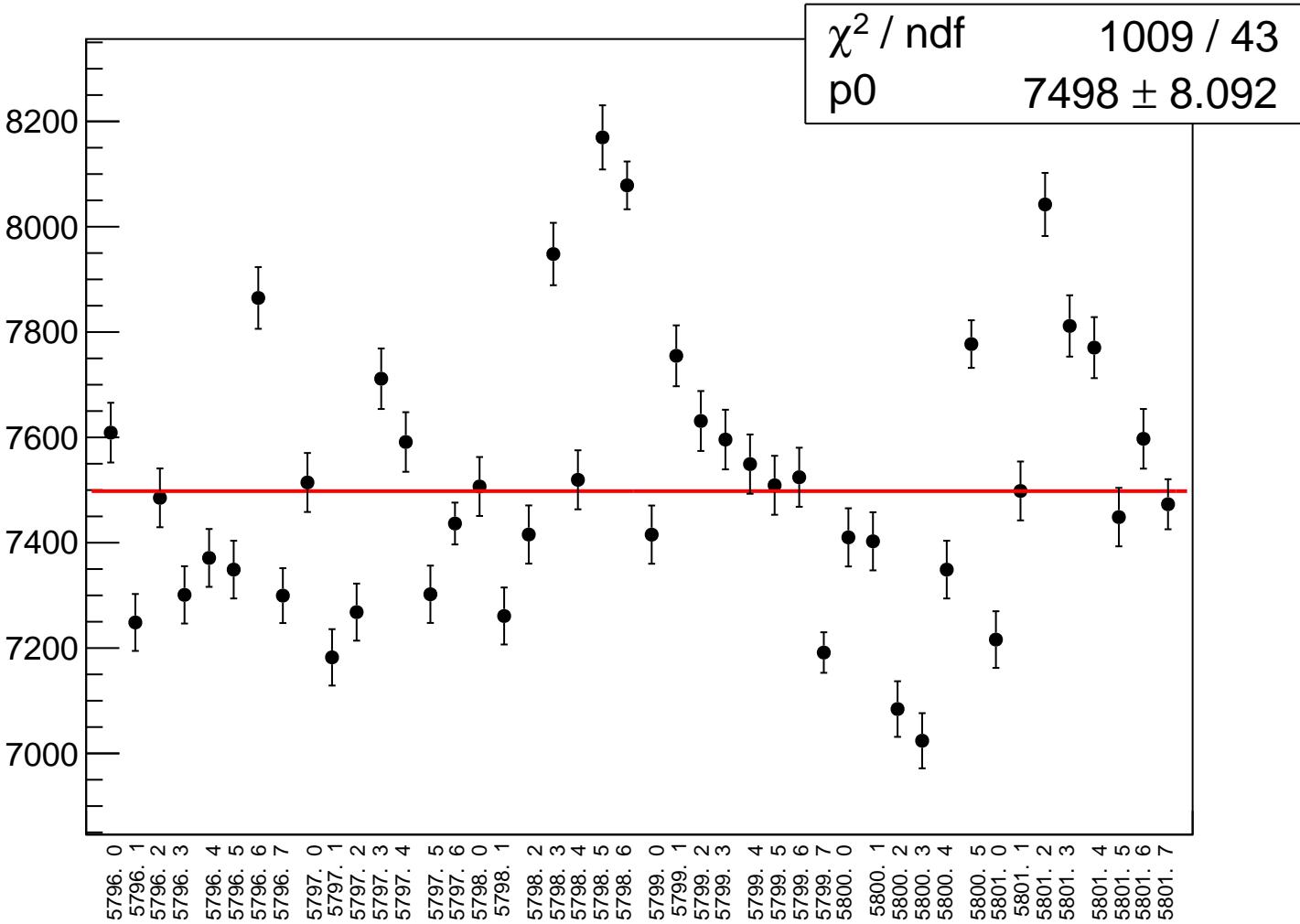
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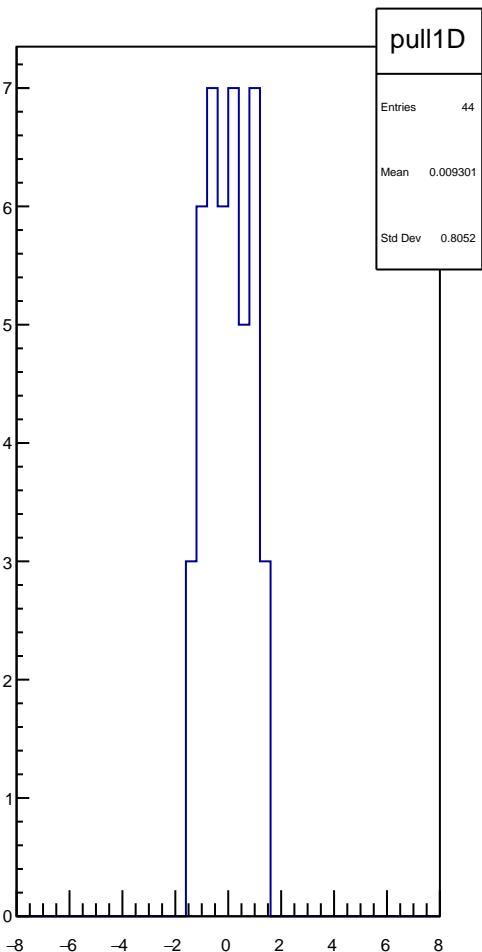
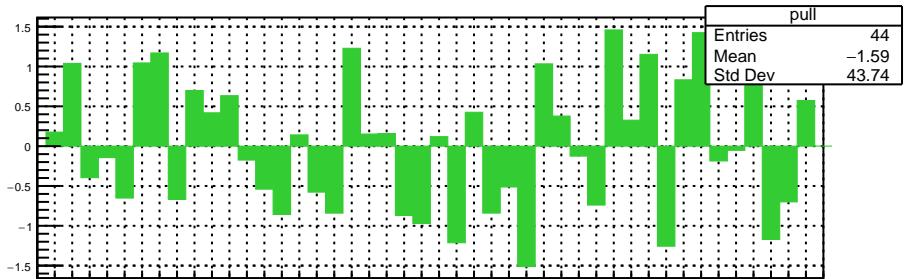
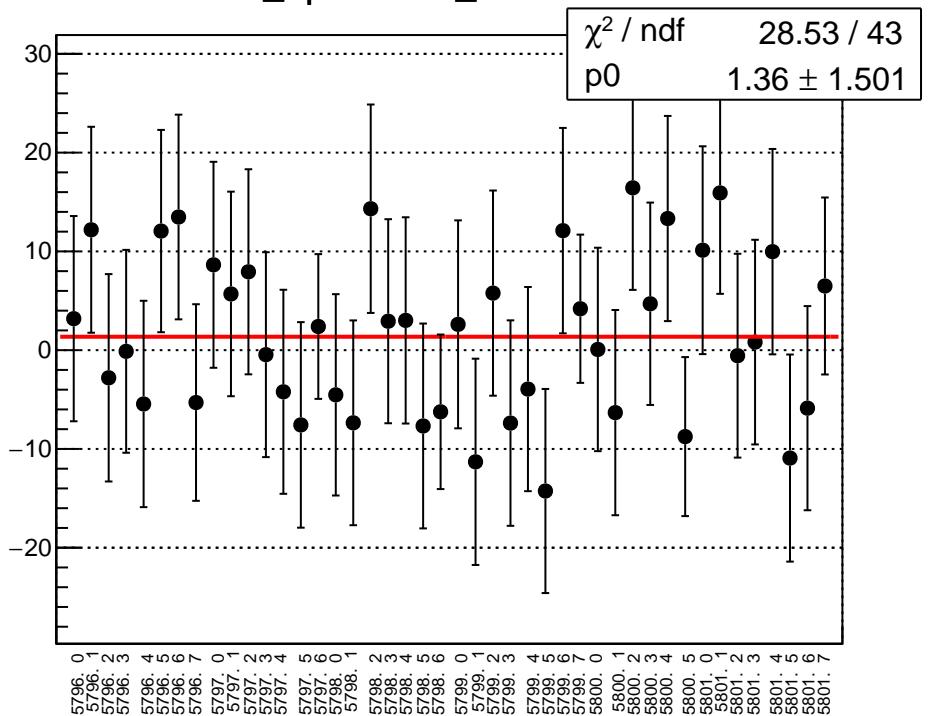
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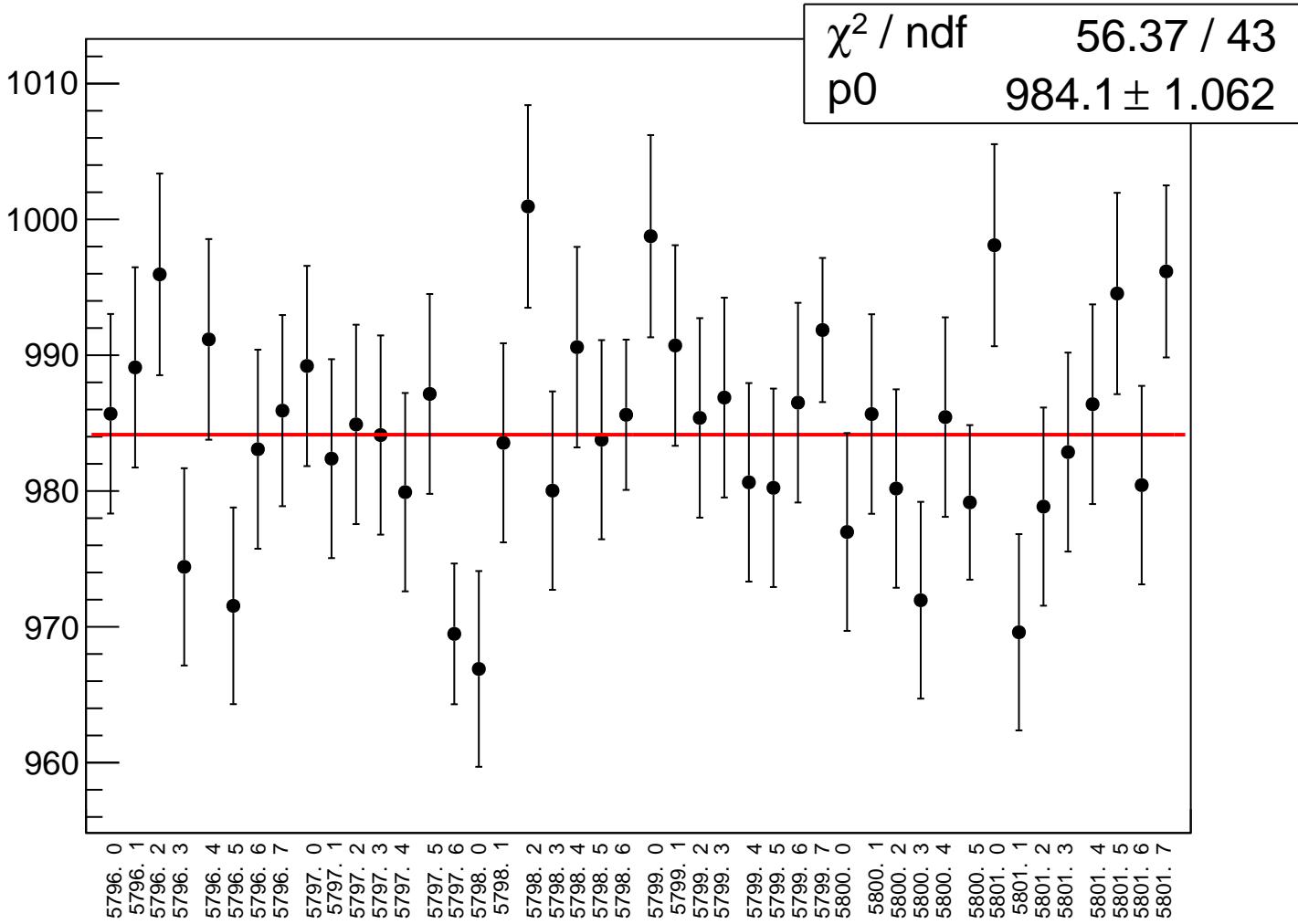
# diff\_bpm0I10X\_rms vs run



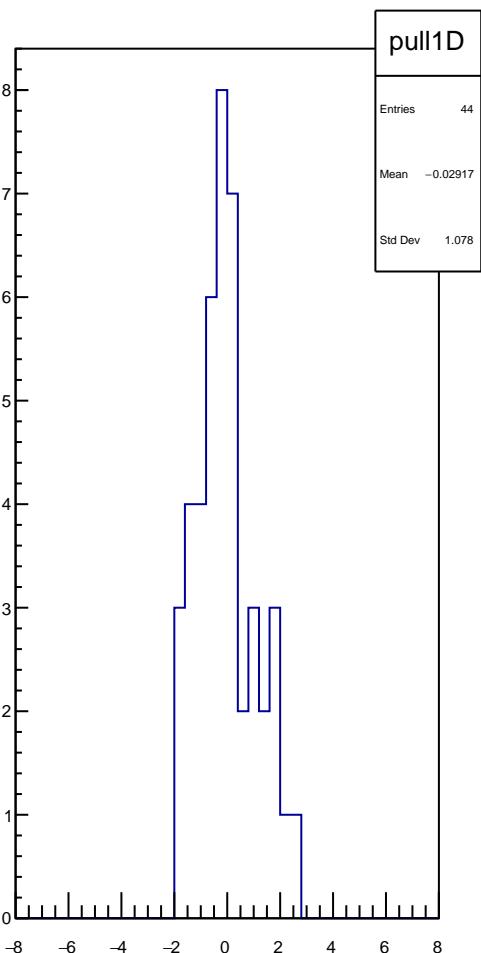
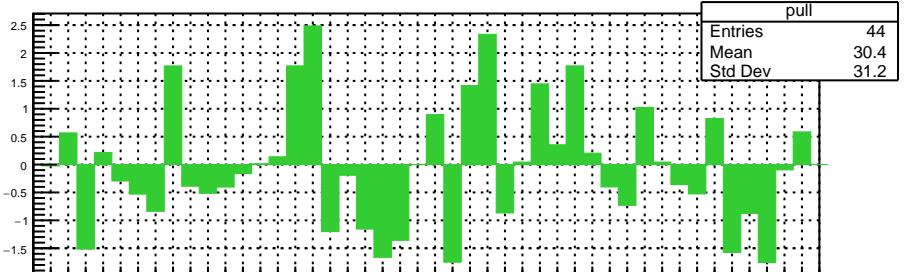
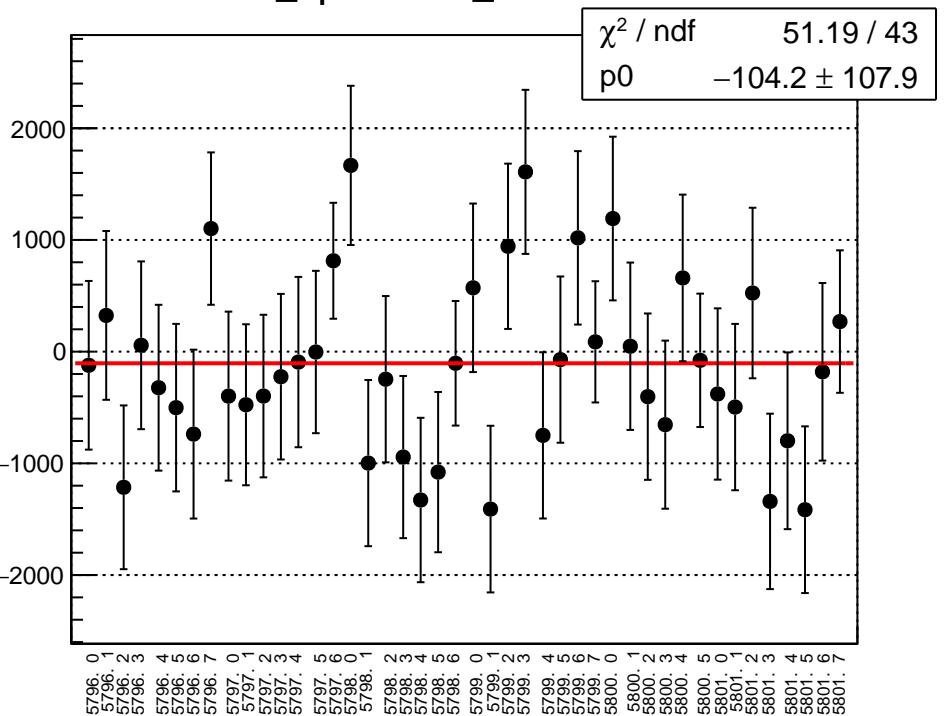
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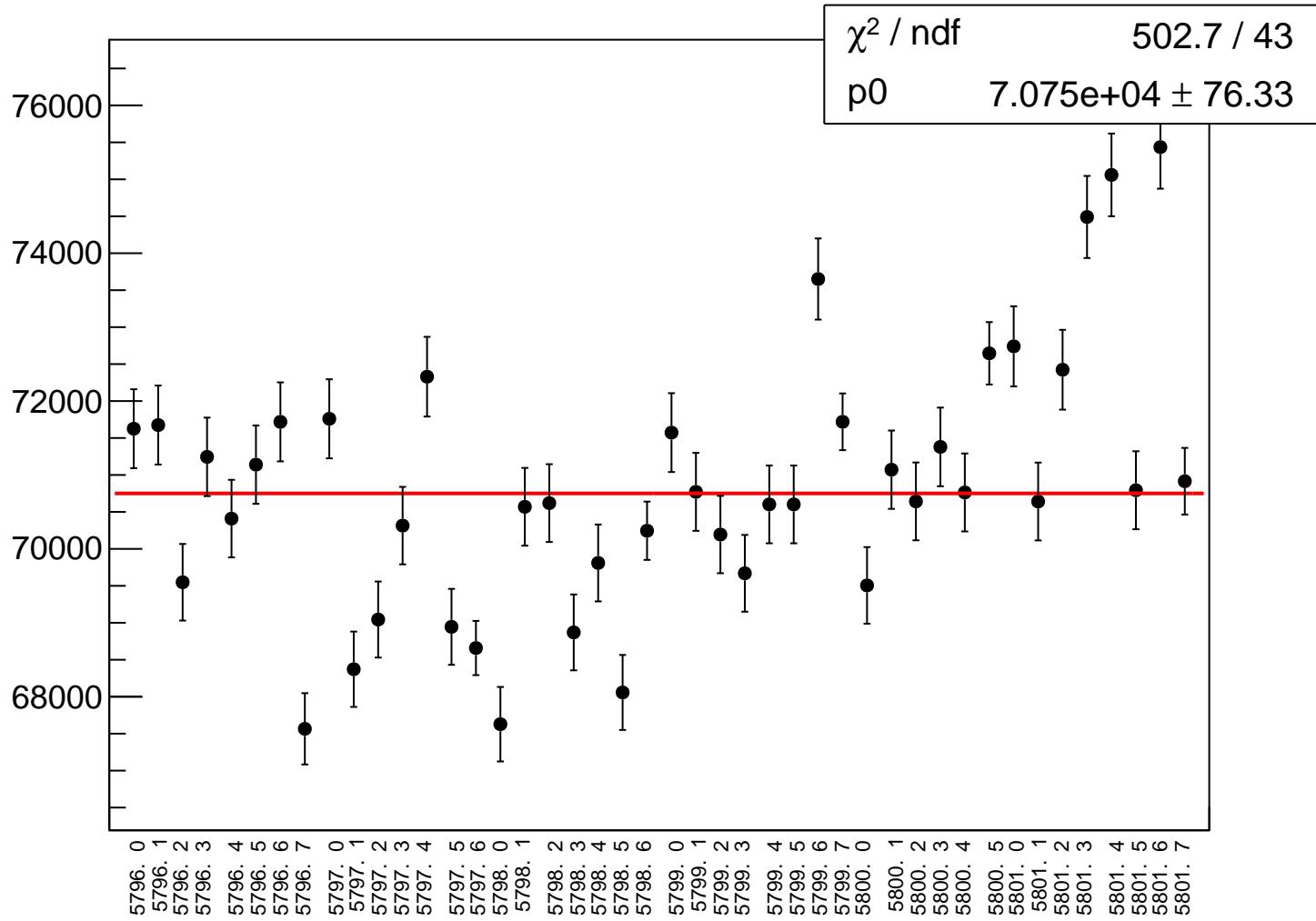
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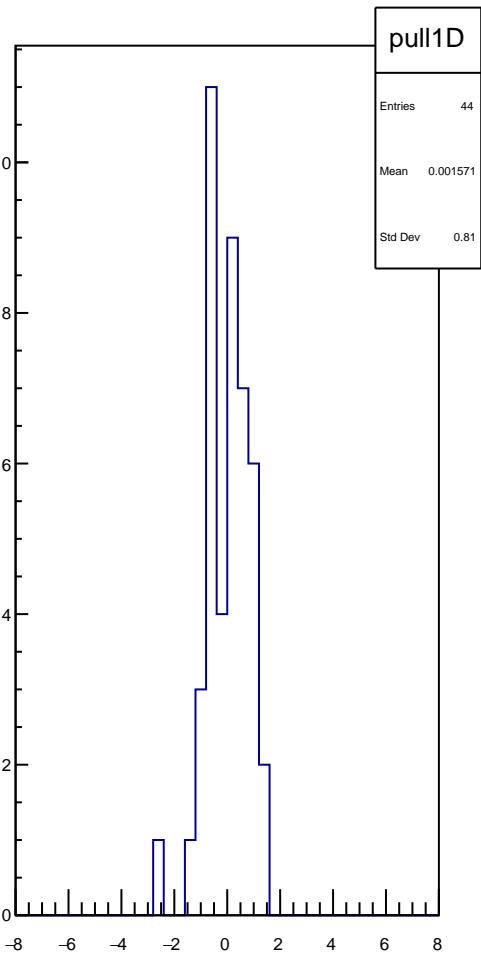
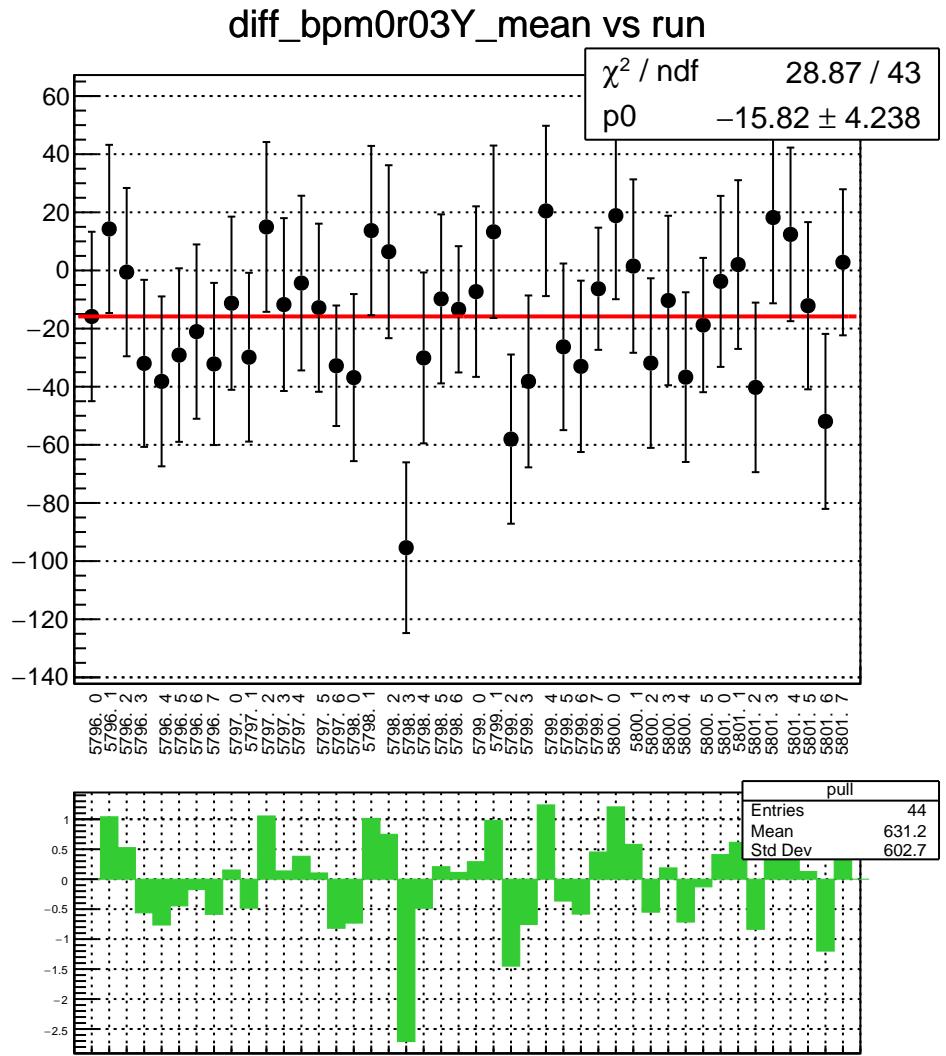


# diff\_bpm0r03X\_mean vs run

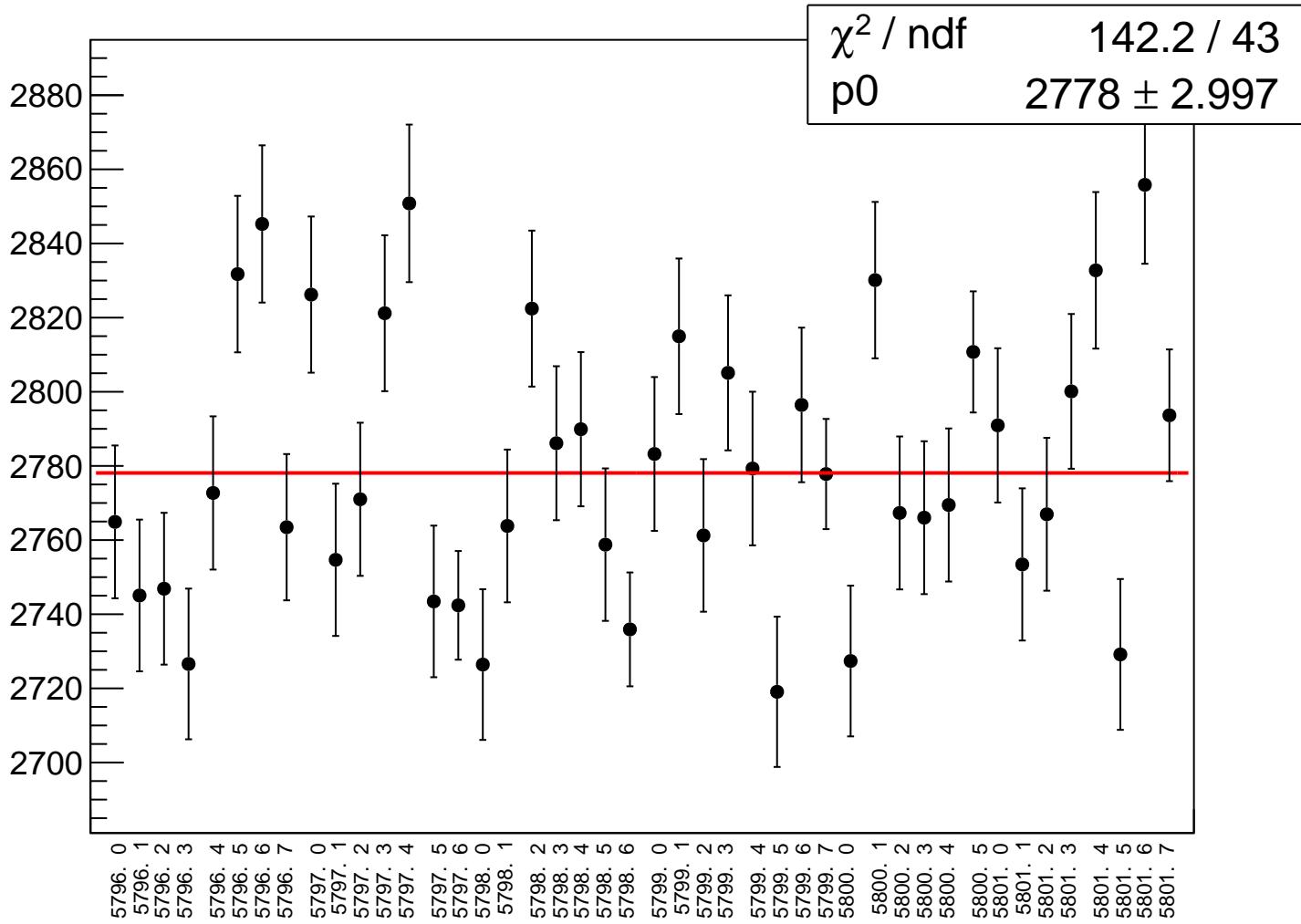


# diff\_bpm0r03X\_rms vs run

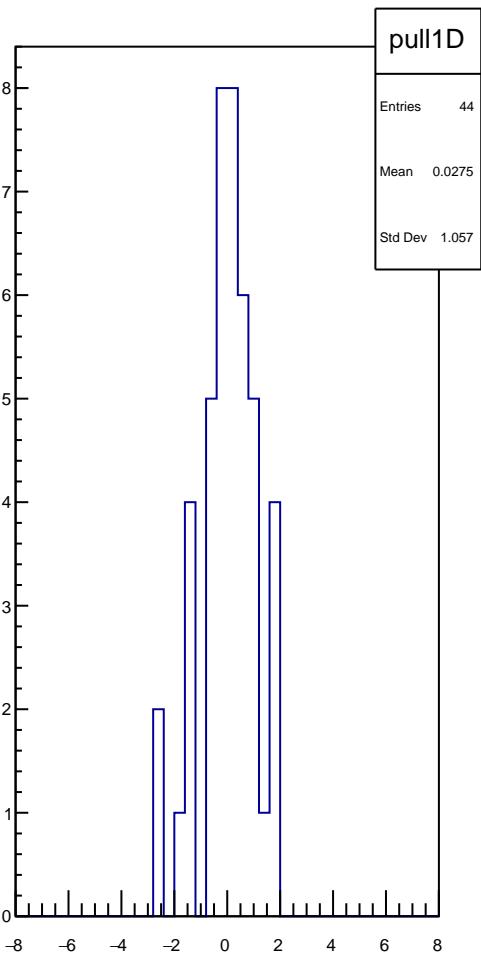
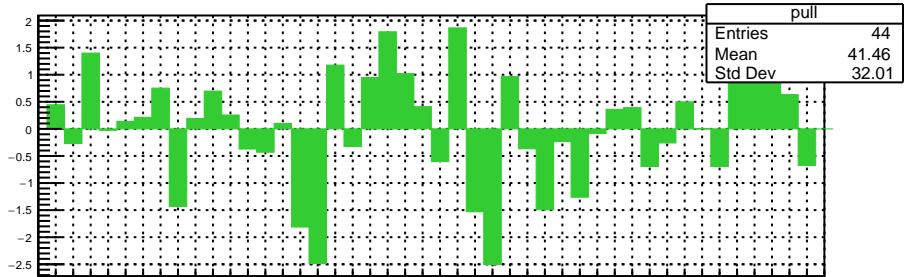
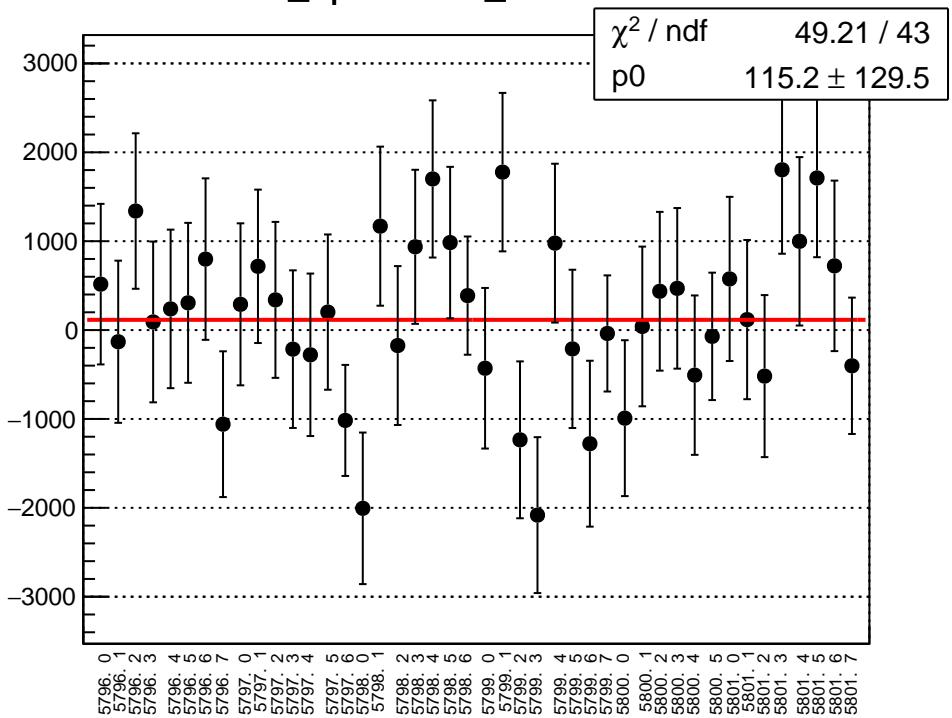




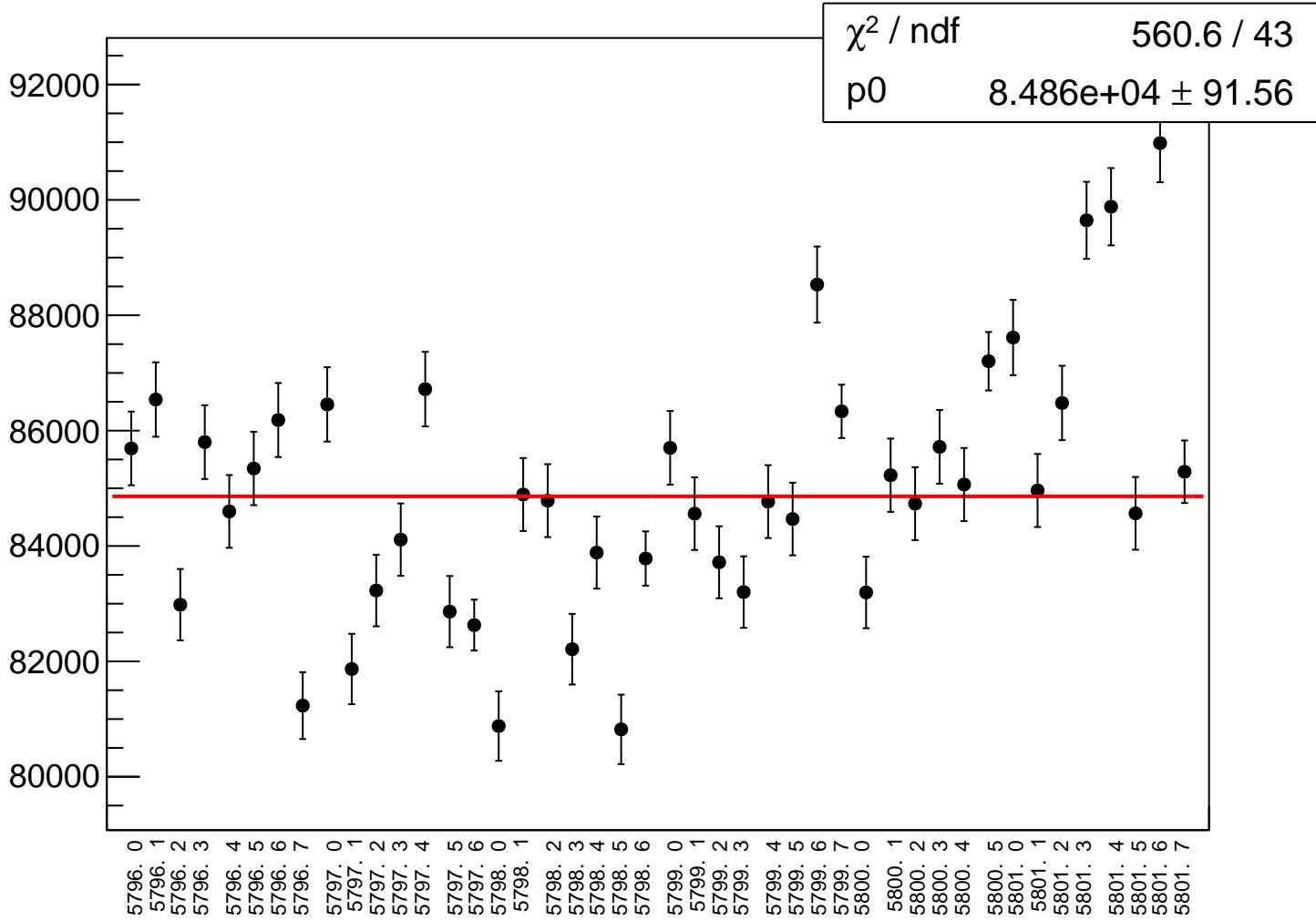
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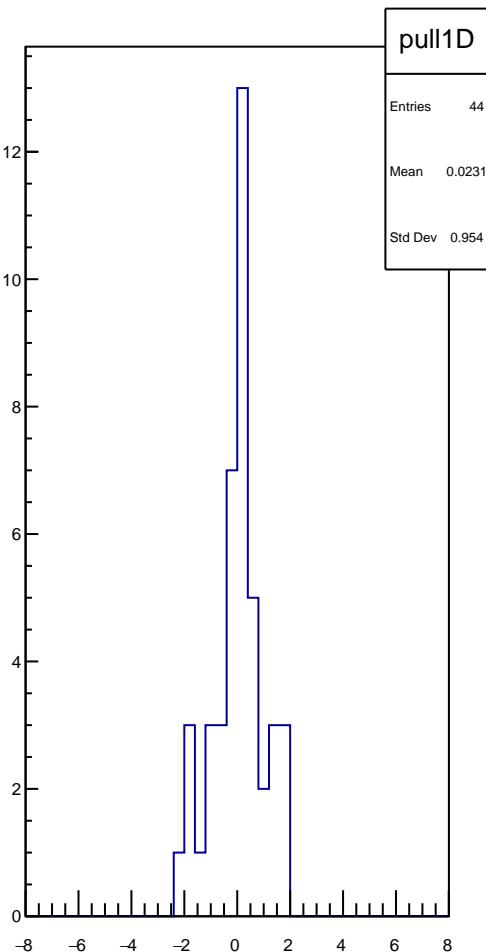
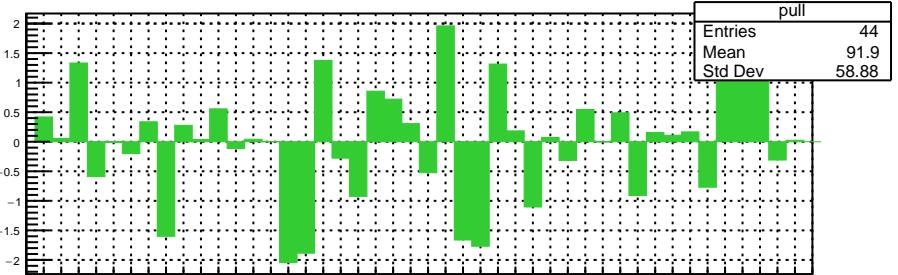
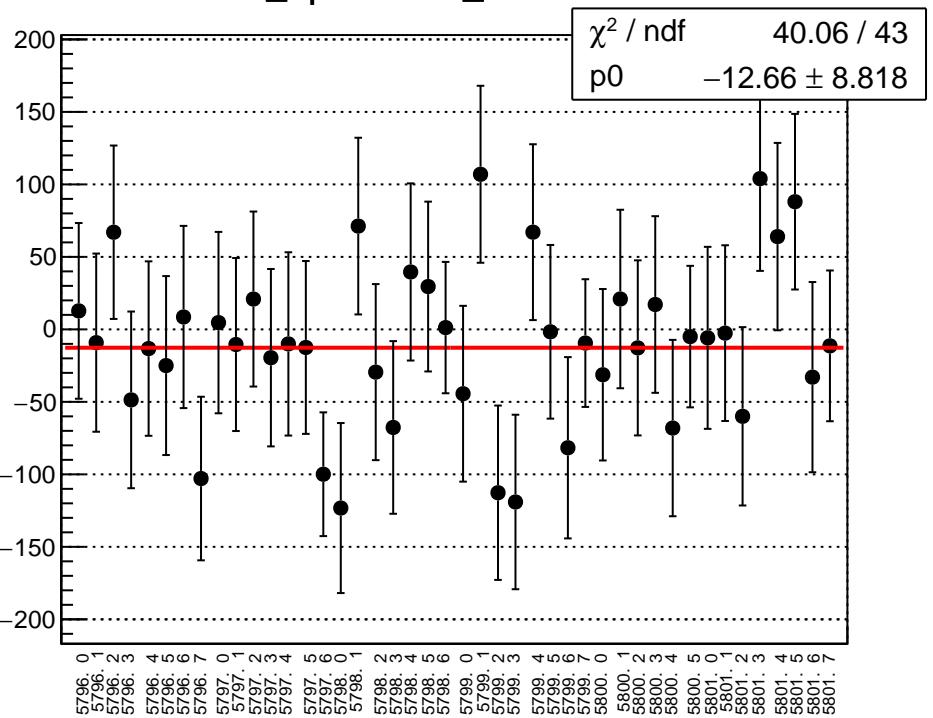
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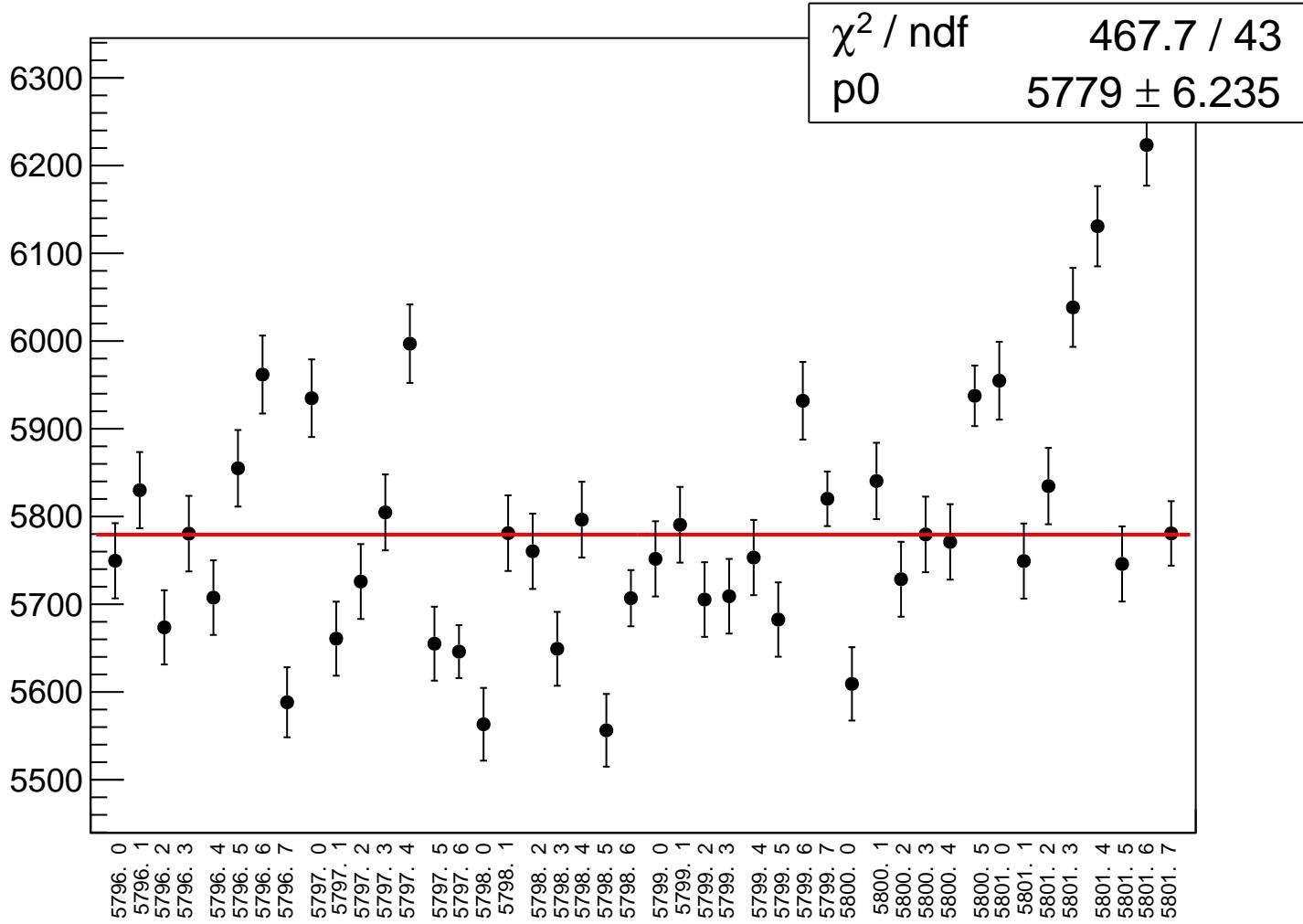
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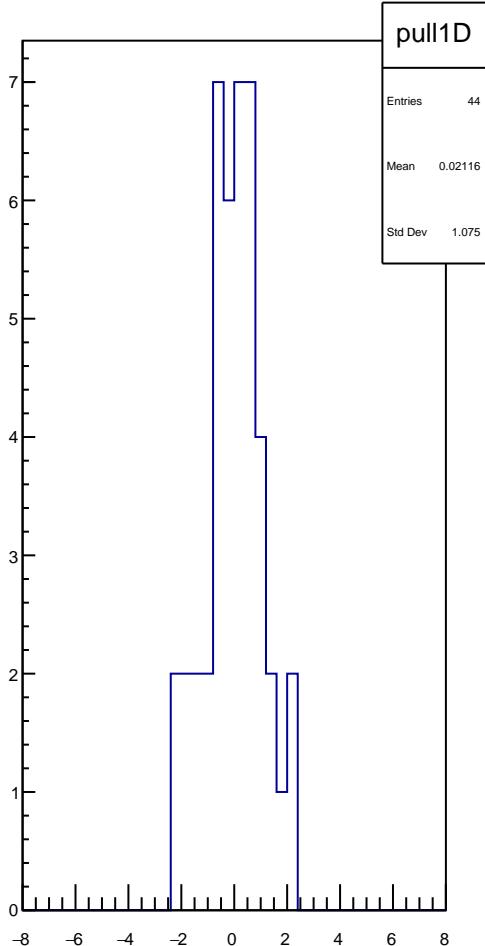
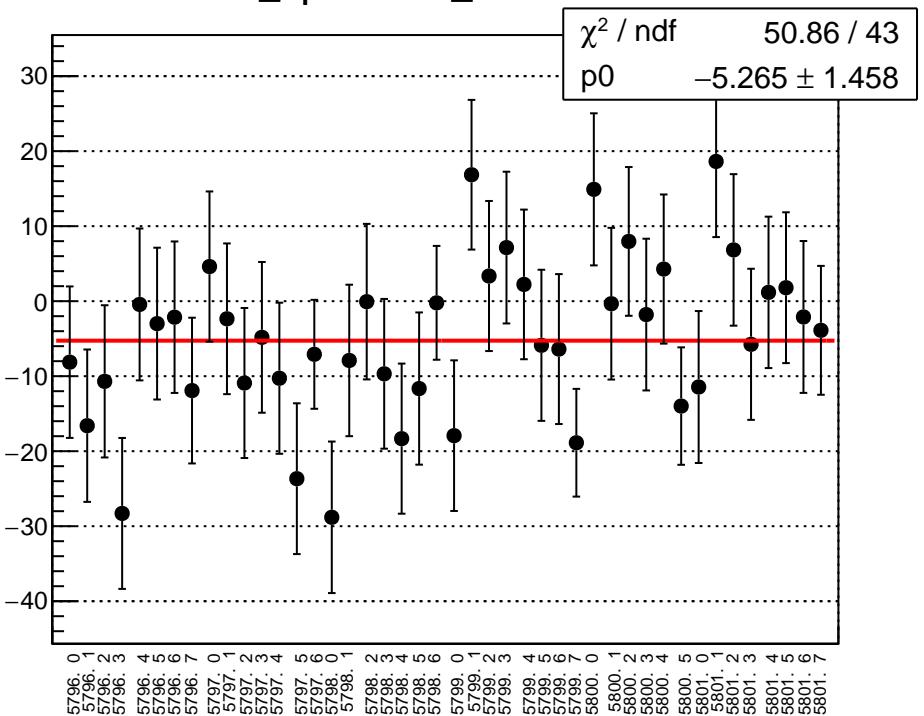
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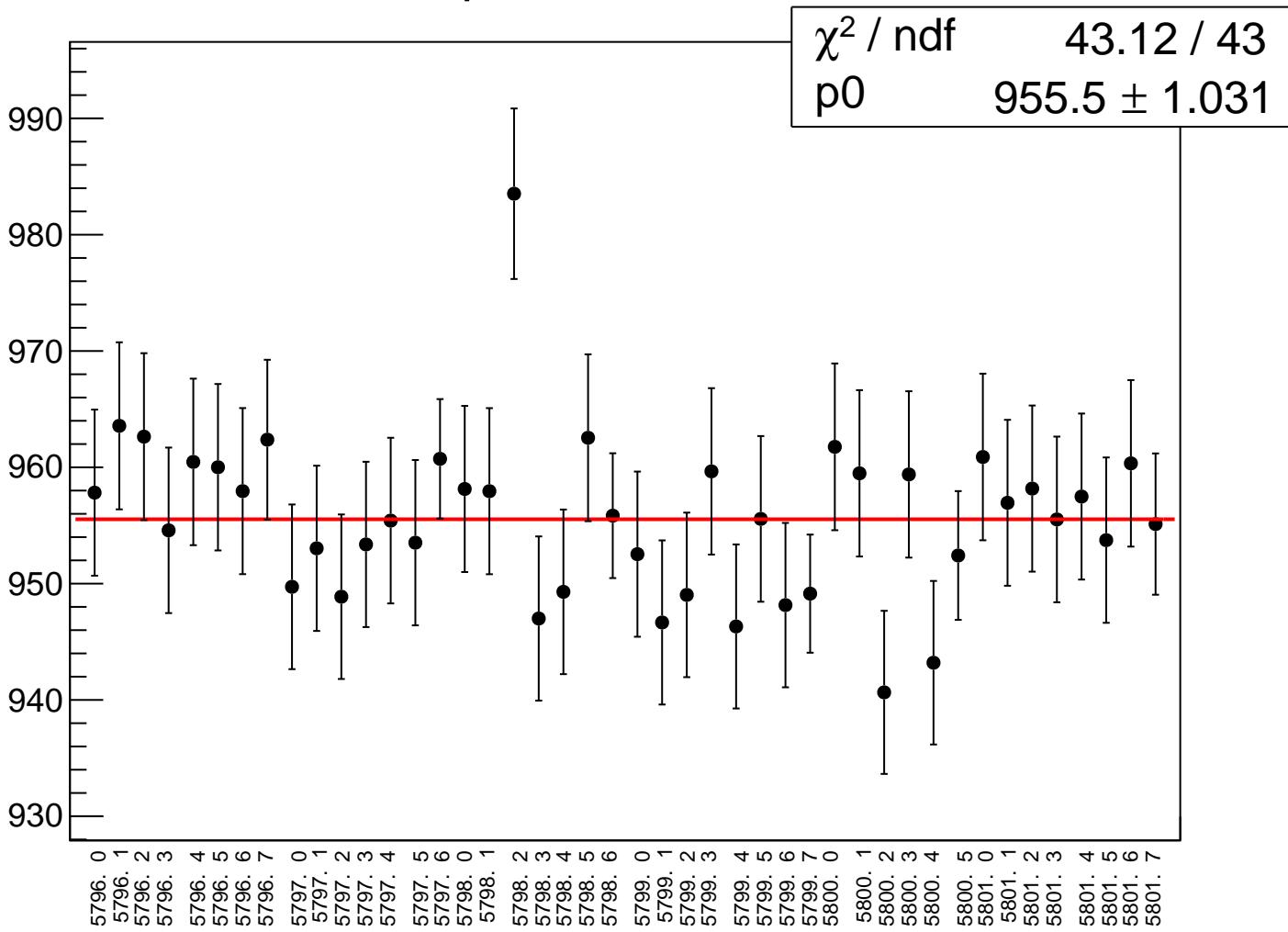
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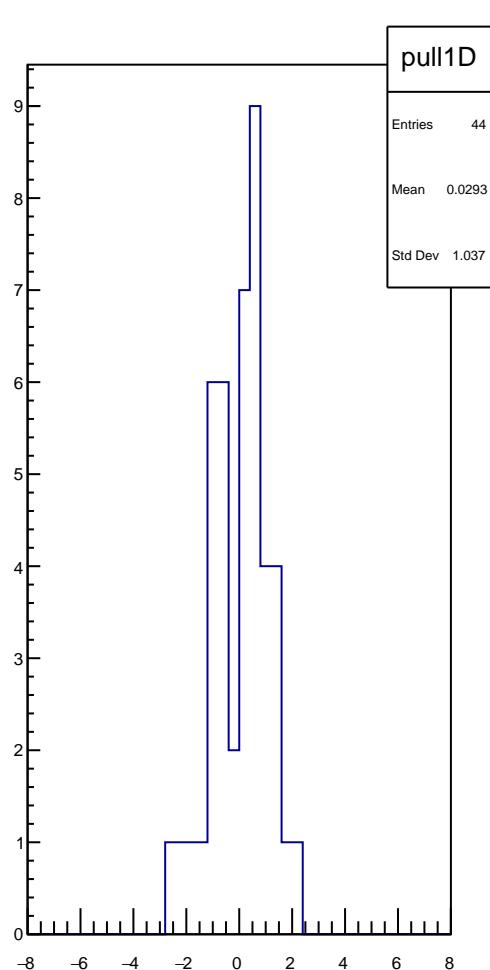
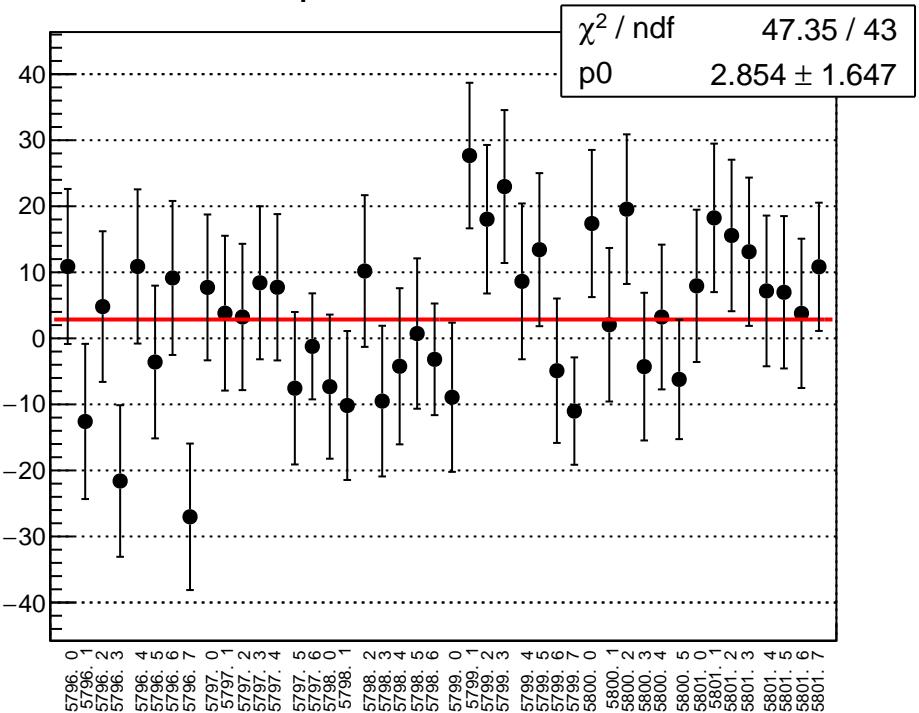
# diff\_bpm2i01X\_mean vs run



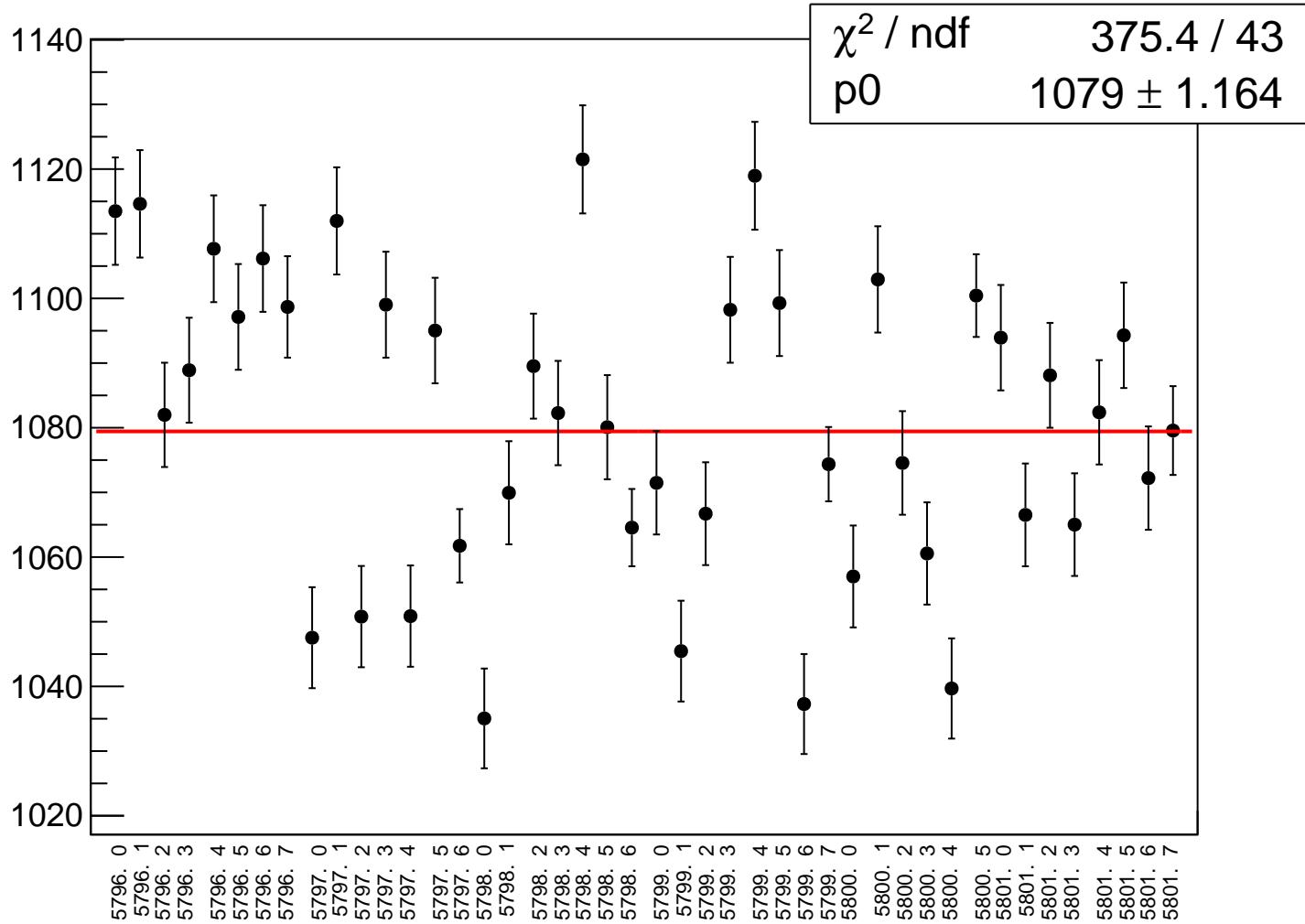
# diff\_bpm2i01X\_rms vs run



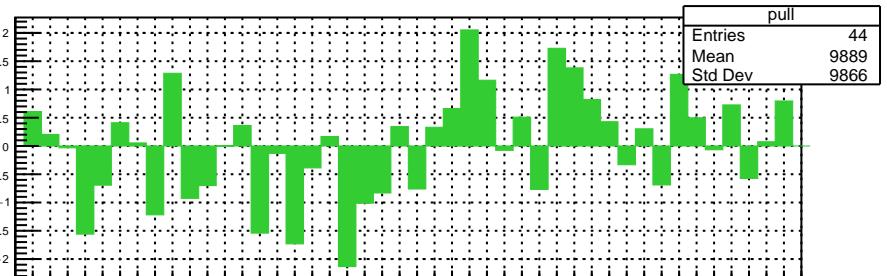
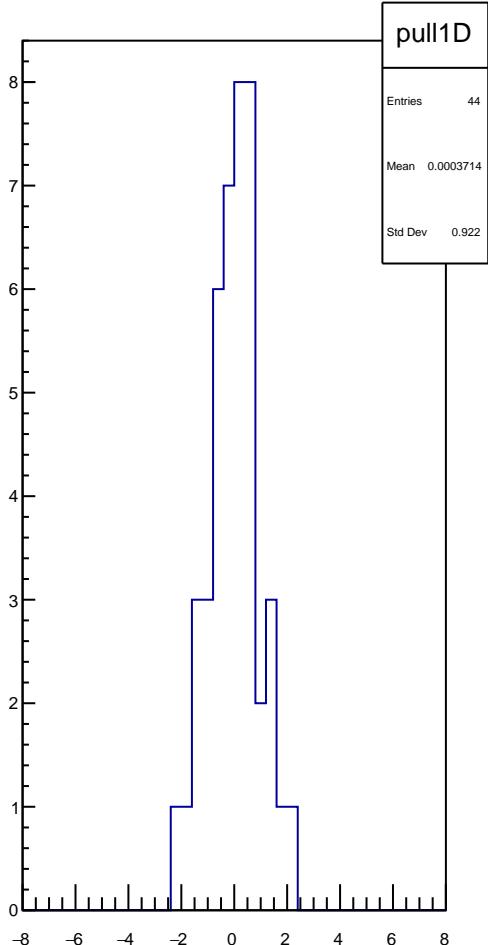
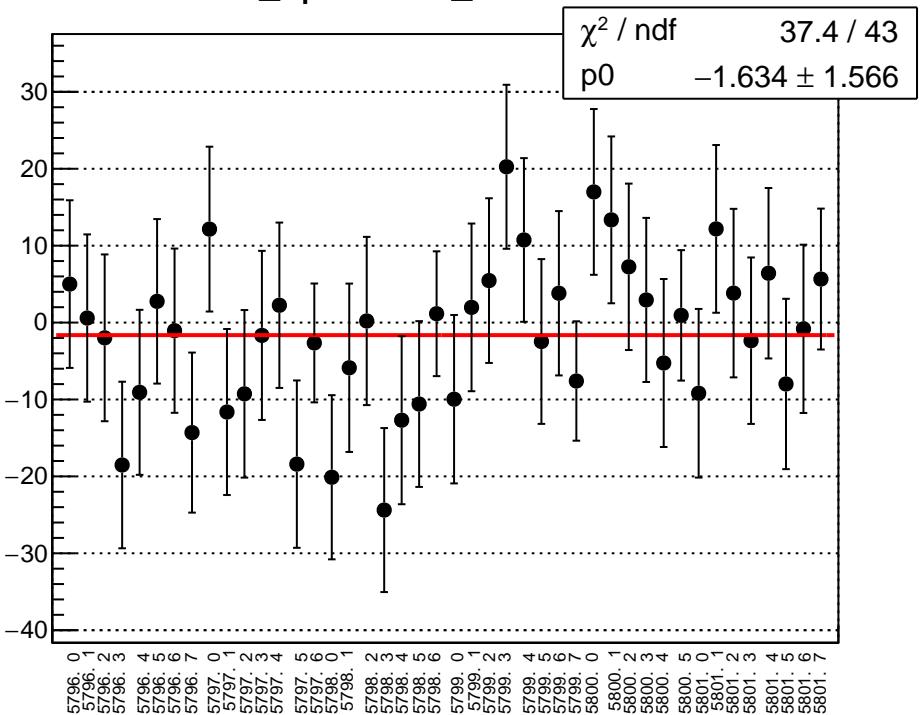
# diff\_bpm2i01Y\_mean vs run



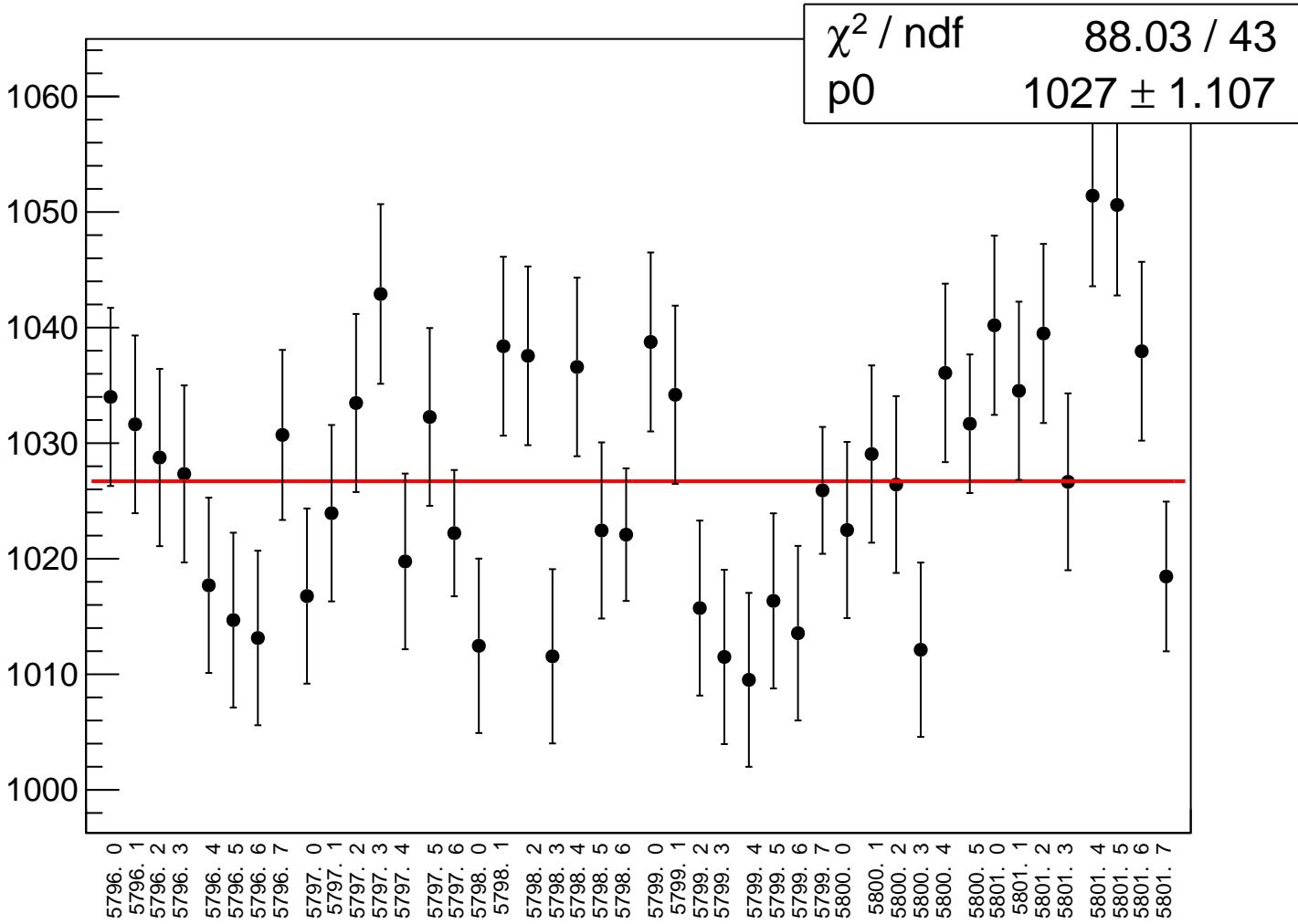
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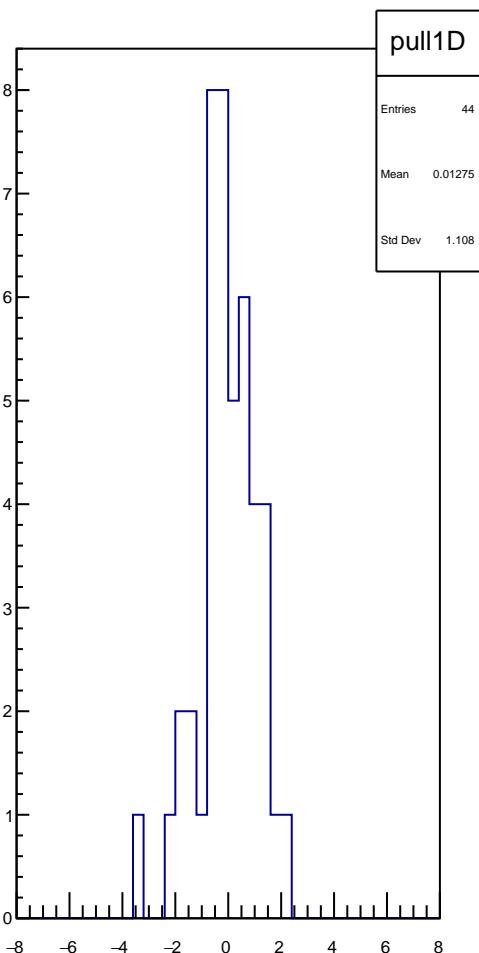
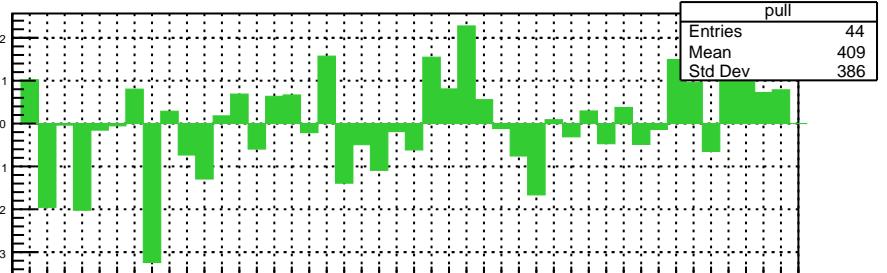
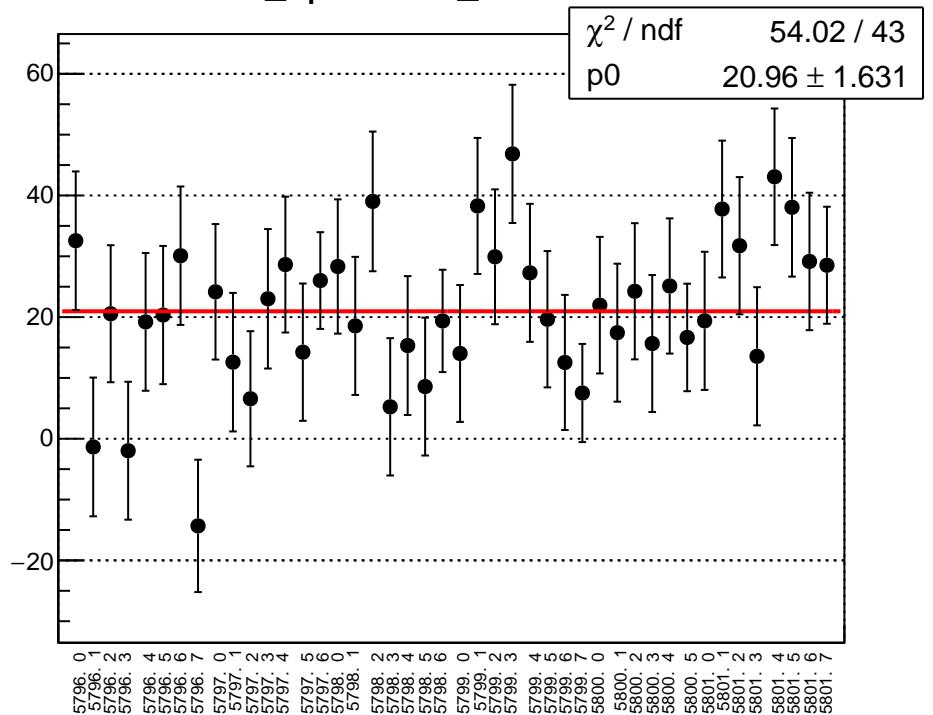
# diff\_bpm2i02X\_mean vs run



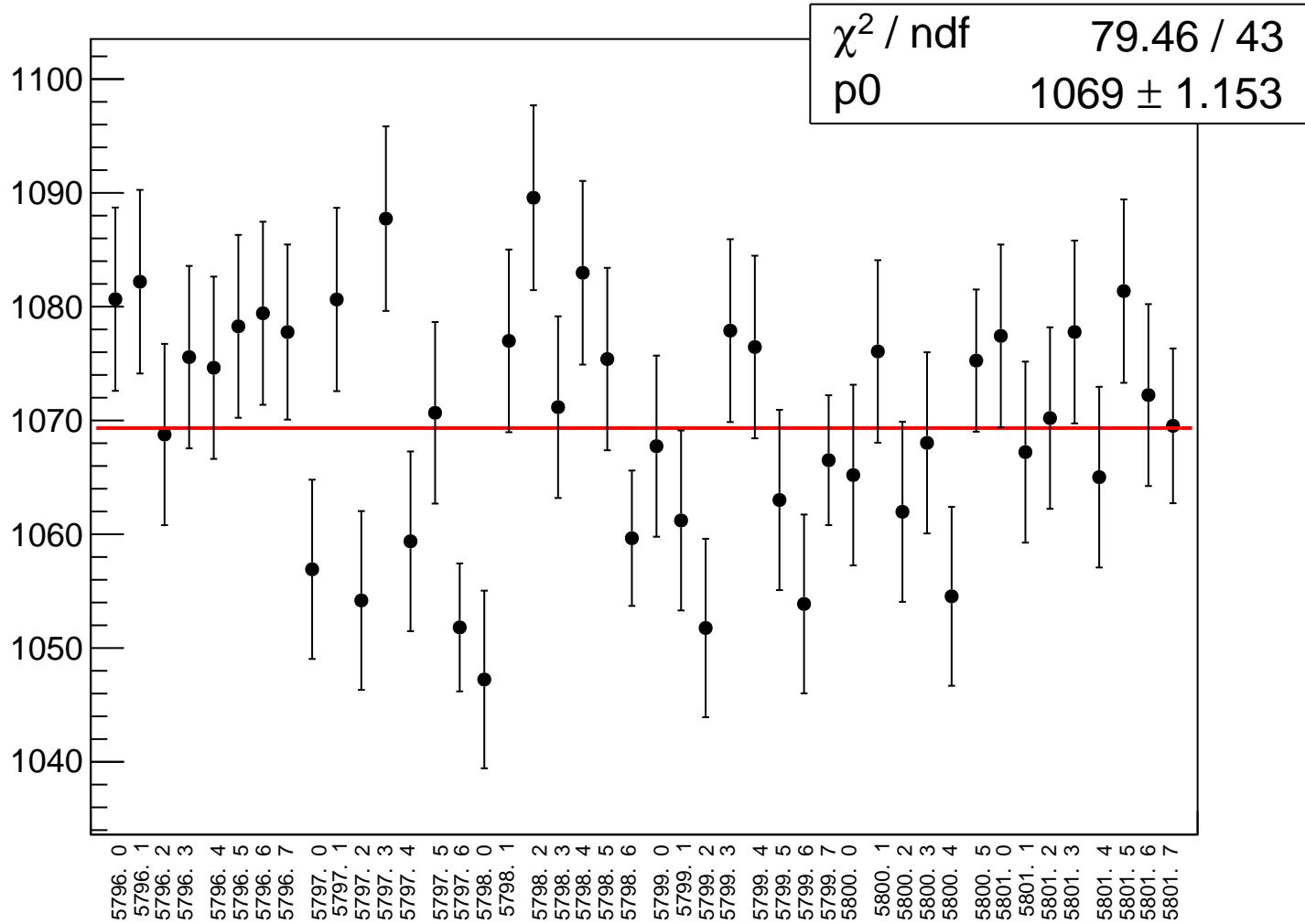
# diff\_bpm2i02X\_rms vs run



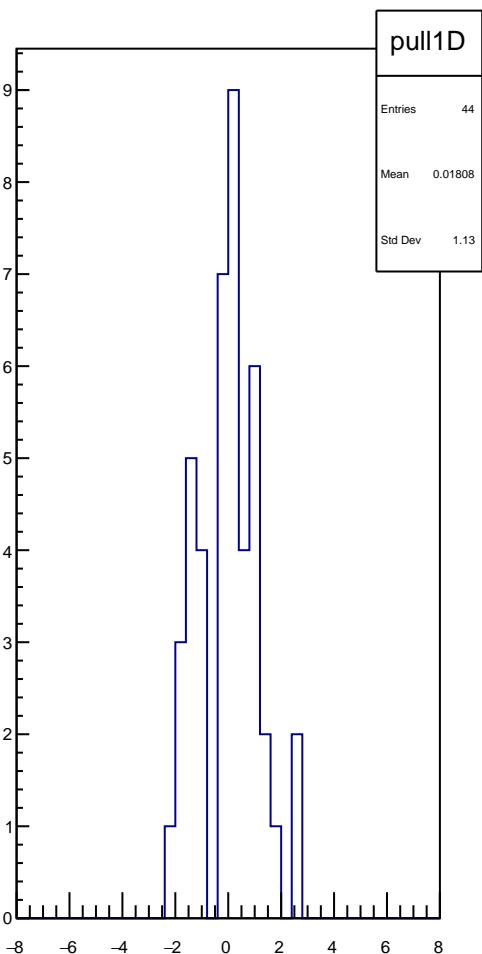
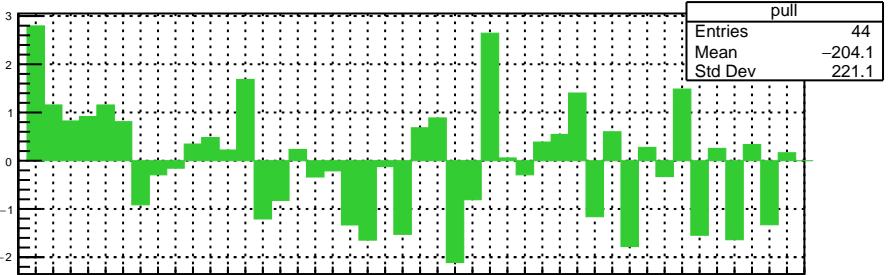
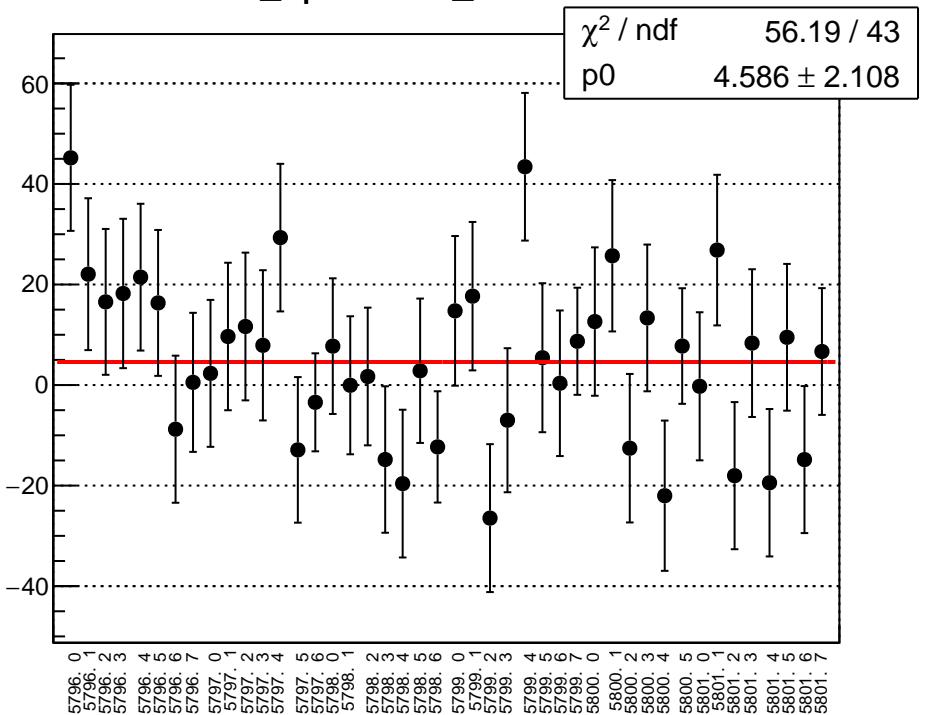
# diff\_bpm2i02Y\_mean vs run



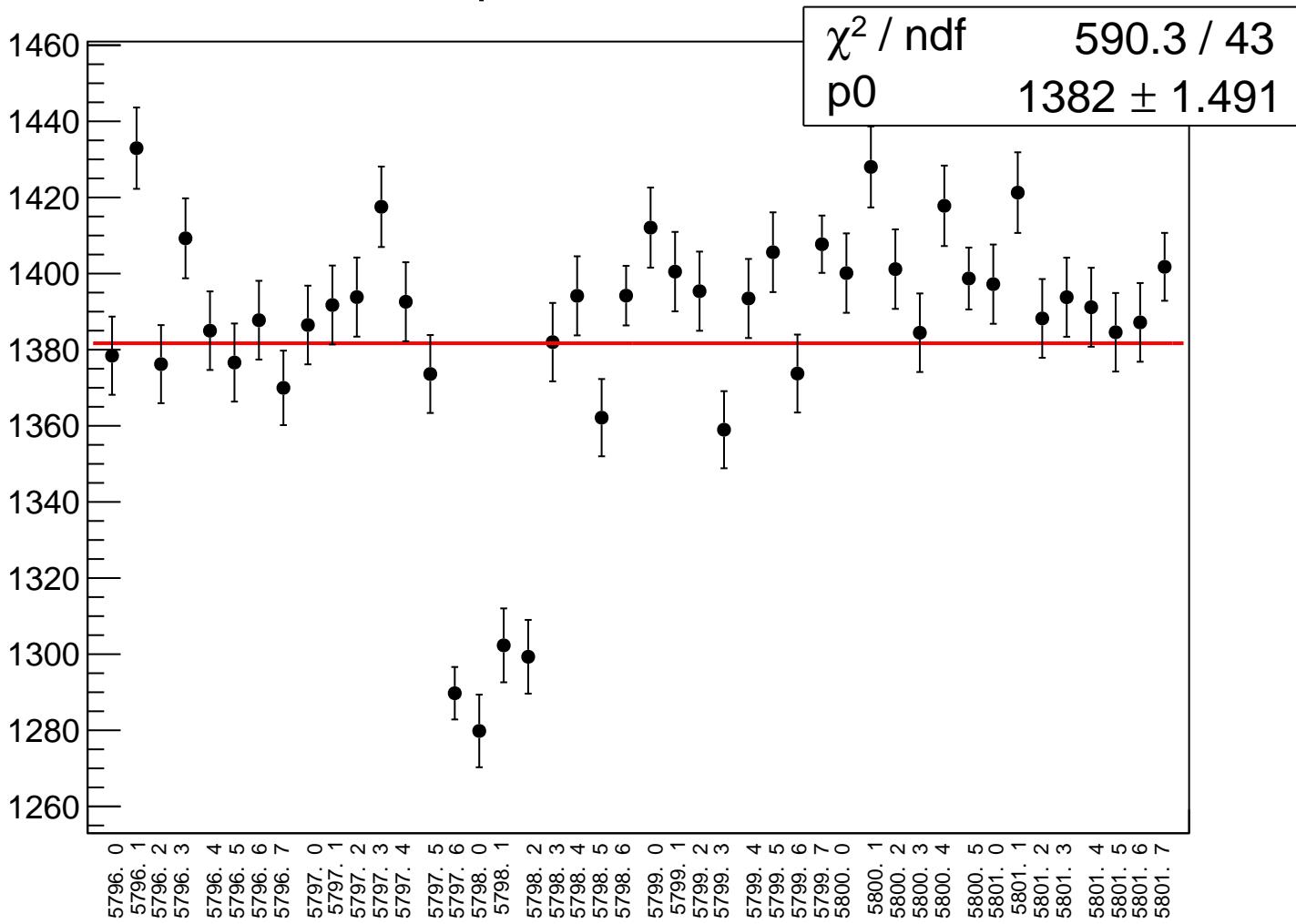
# diff\_bpm2i02Y\_rms vs run



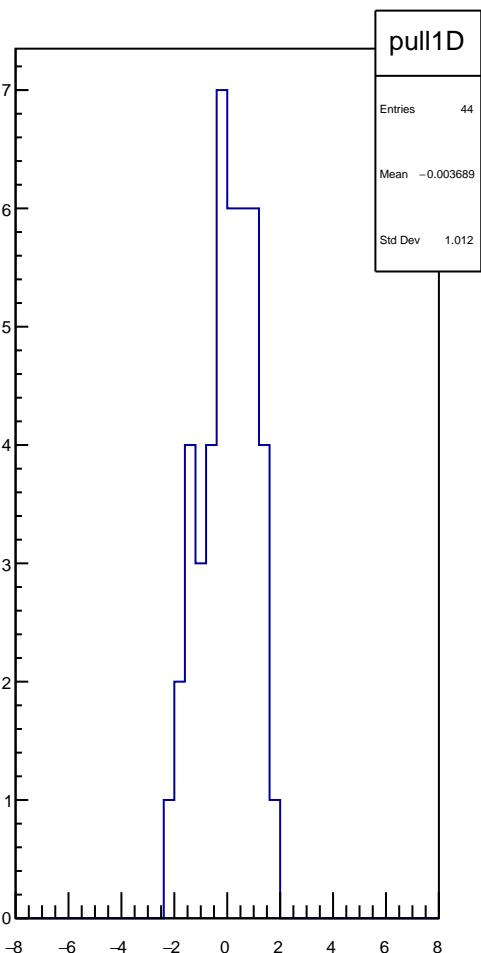
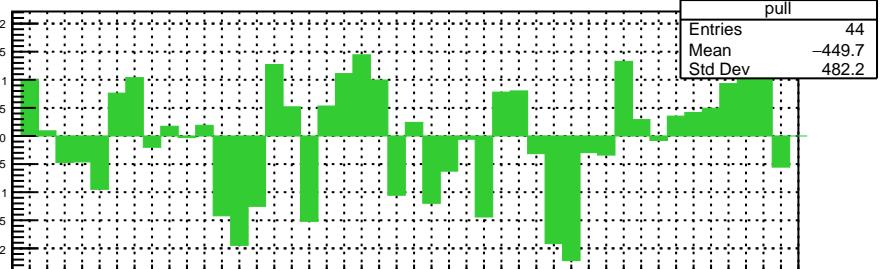
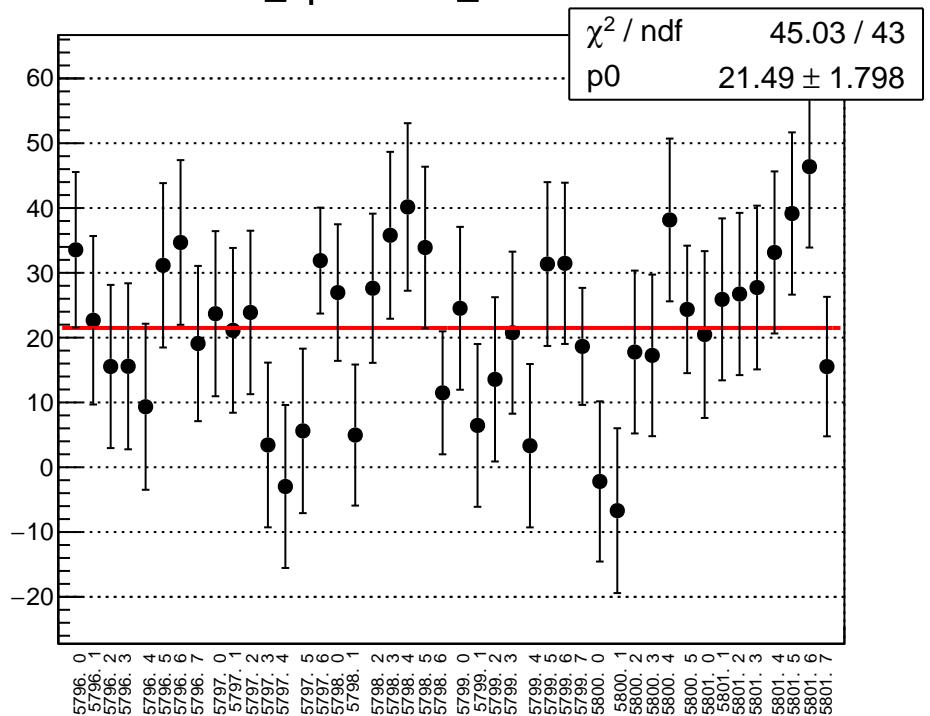
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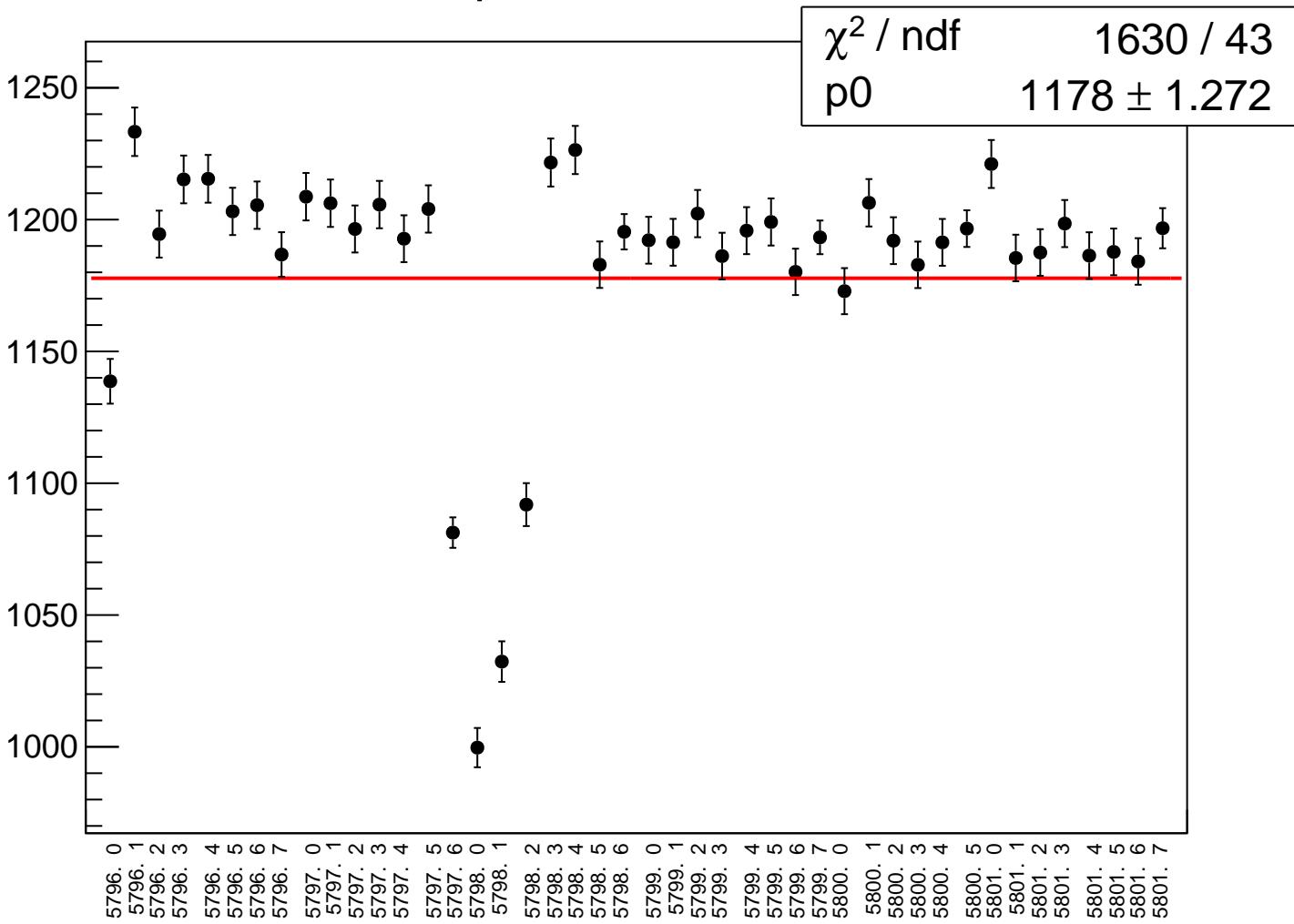
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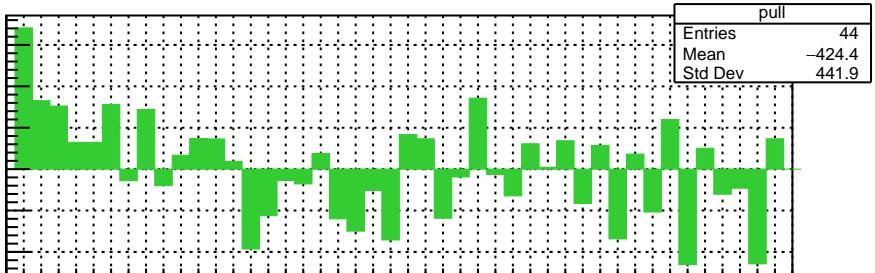
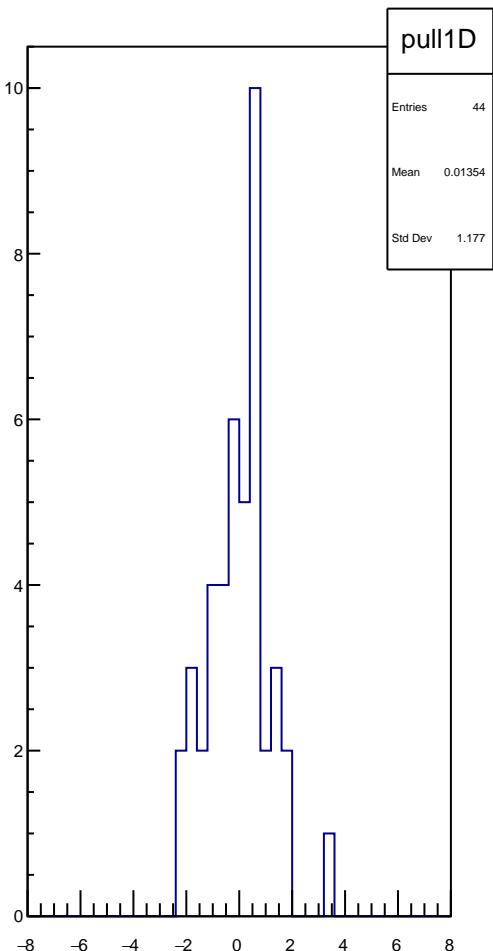
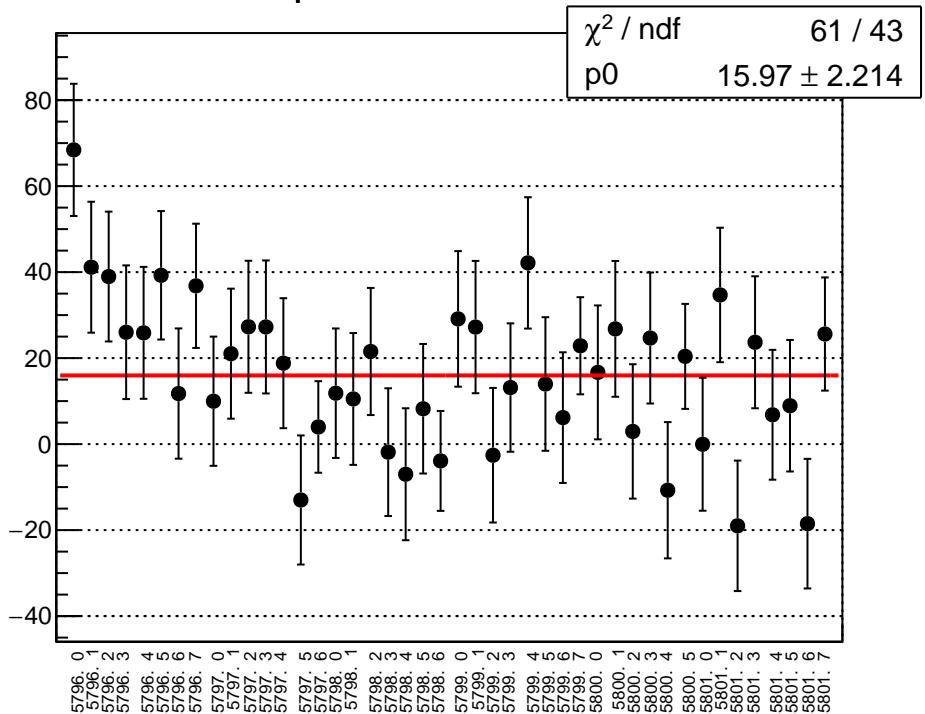
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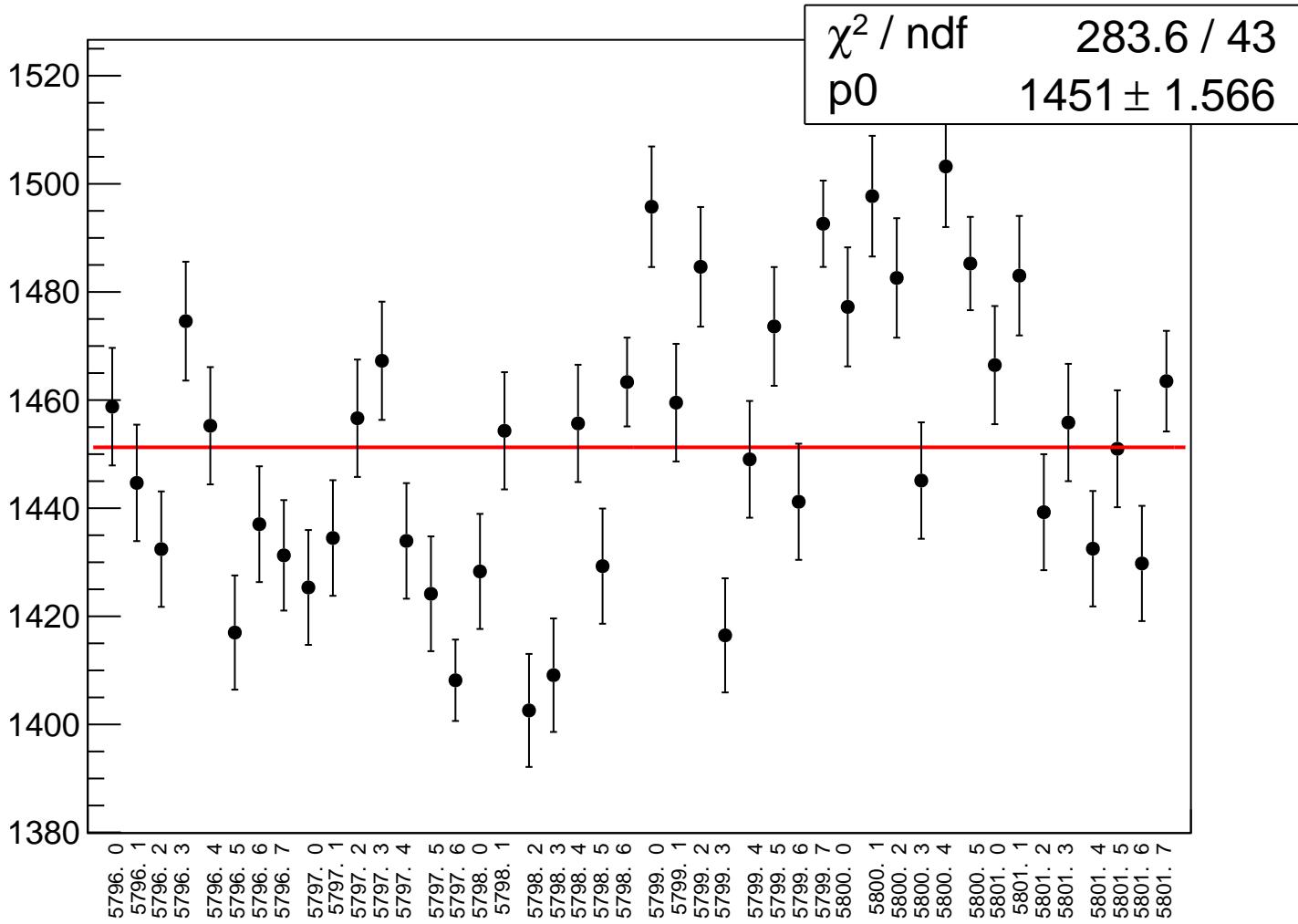
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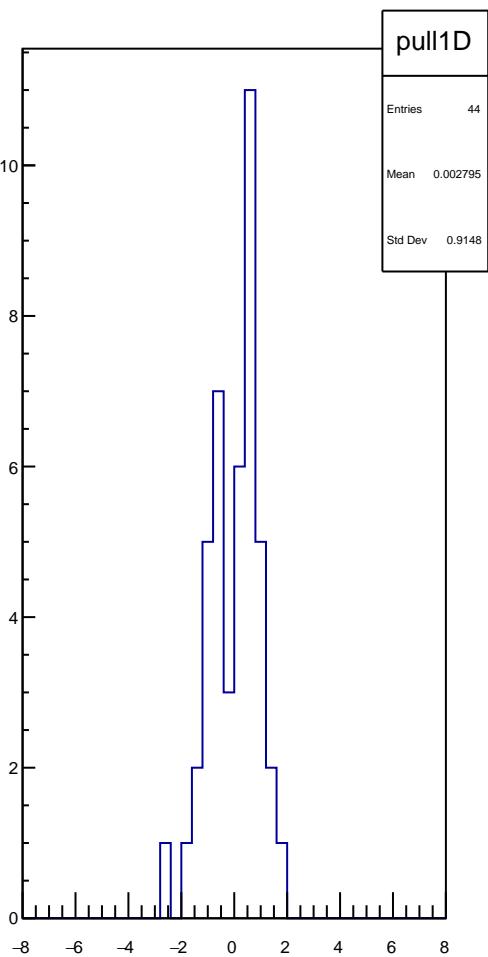
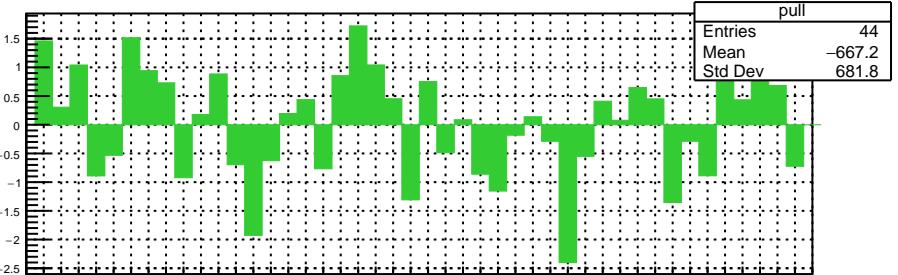
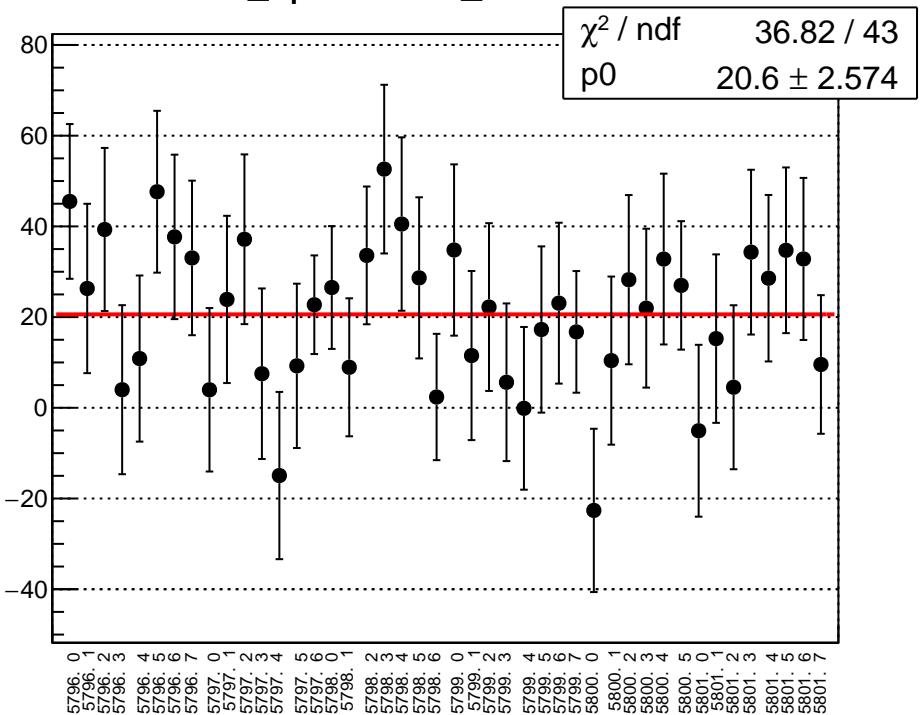
# diff\_bpm0i02aX\_mean vs run



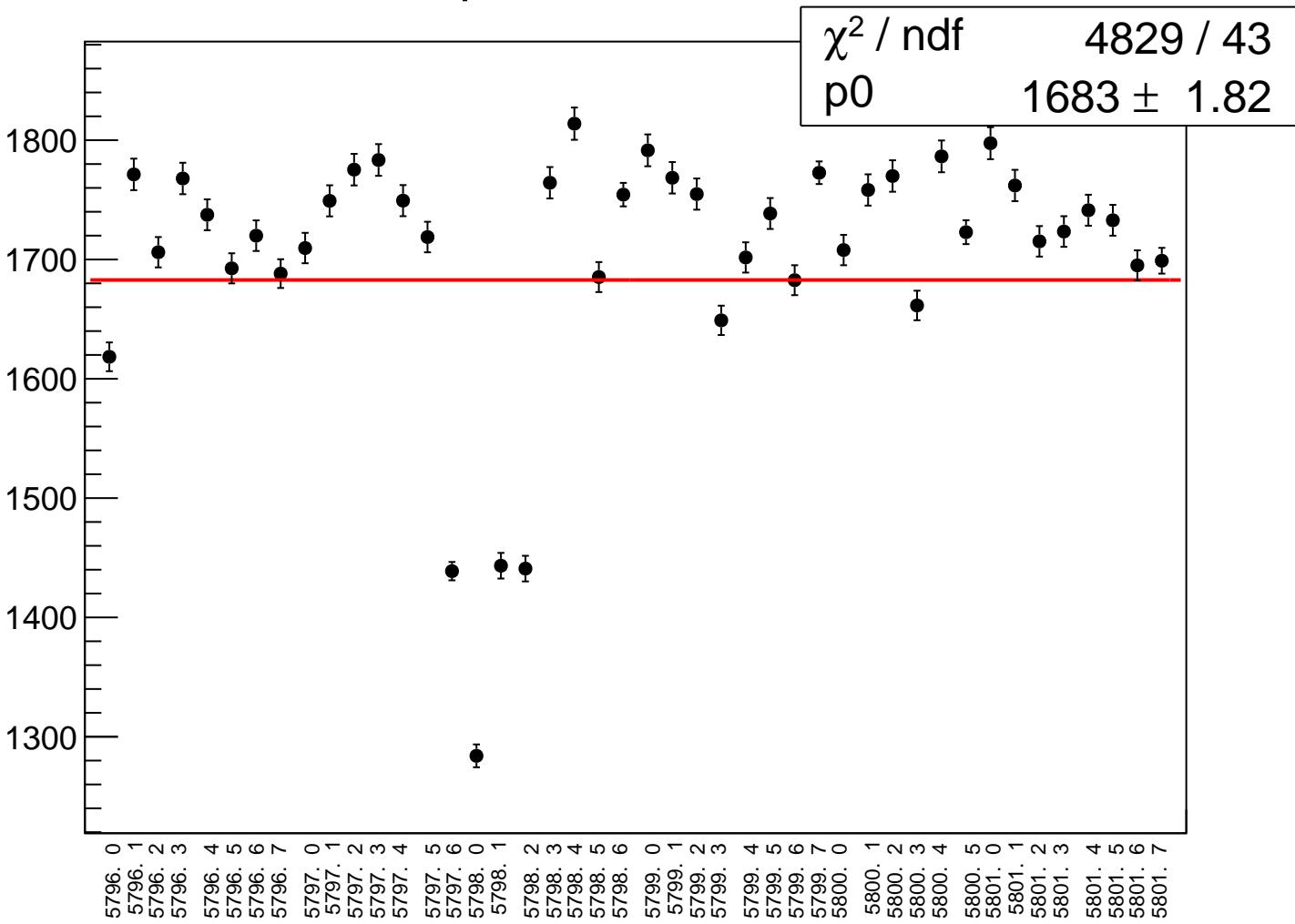
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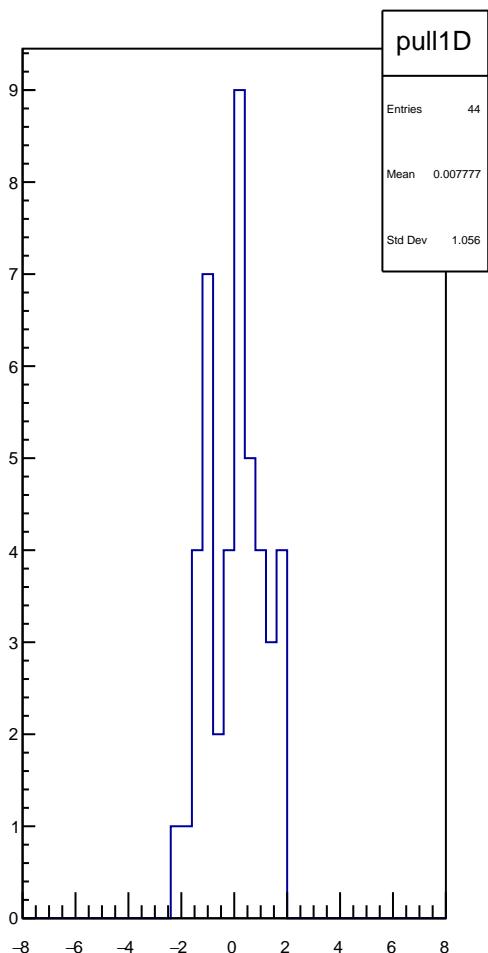
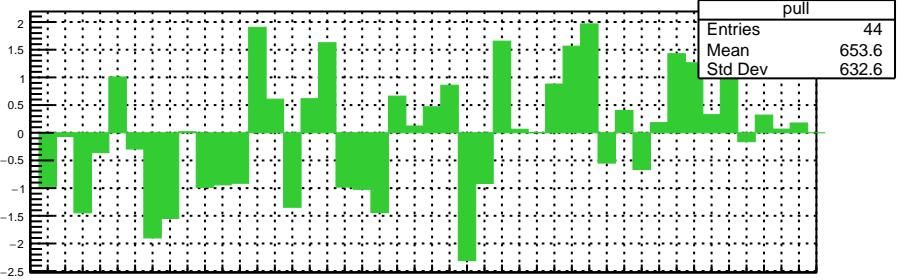
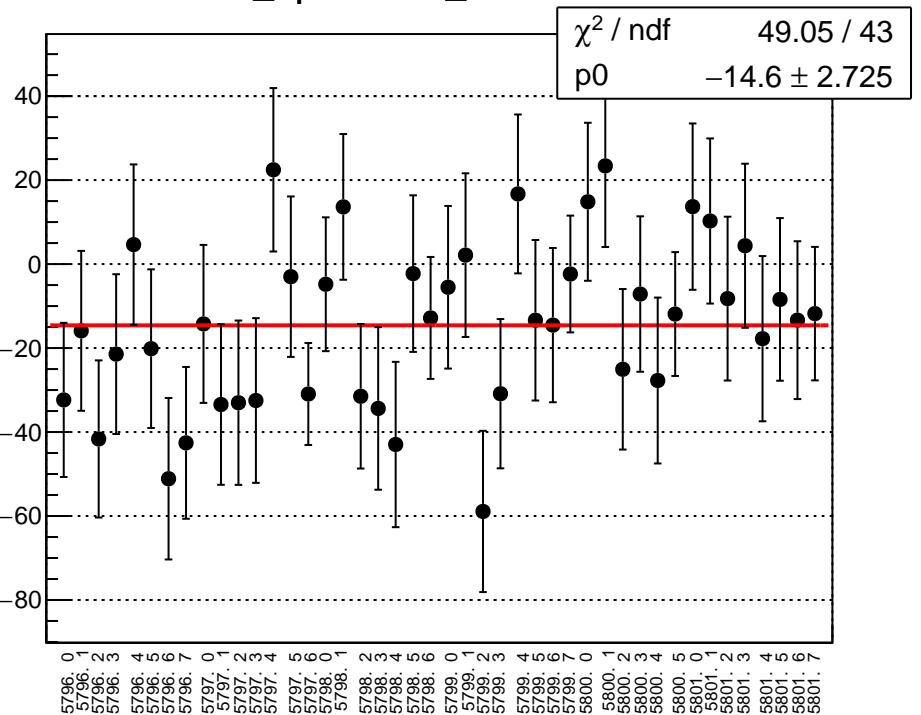
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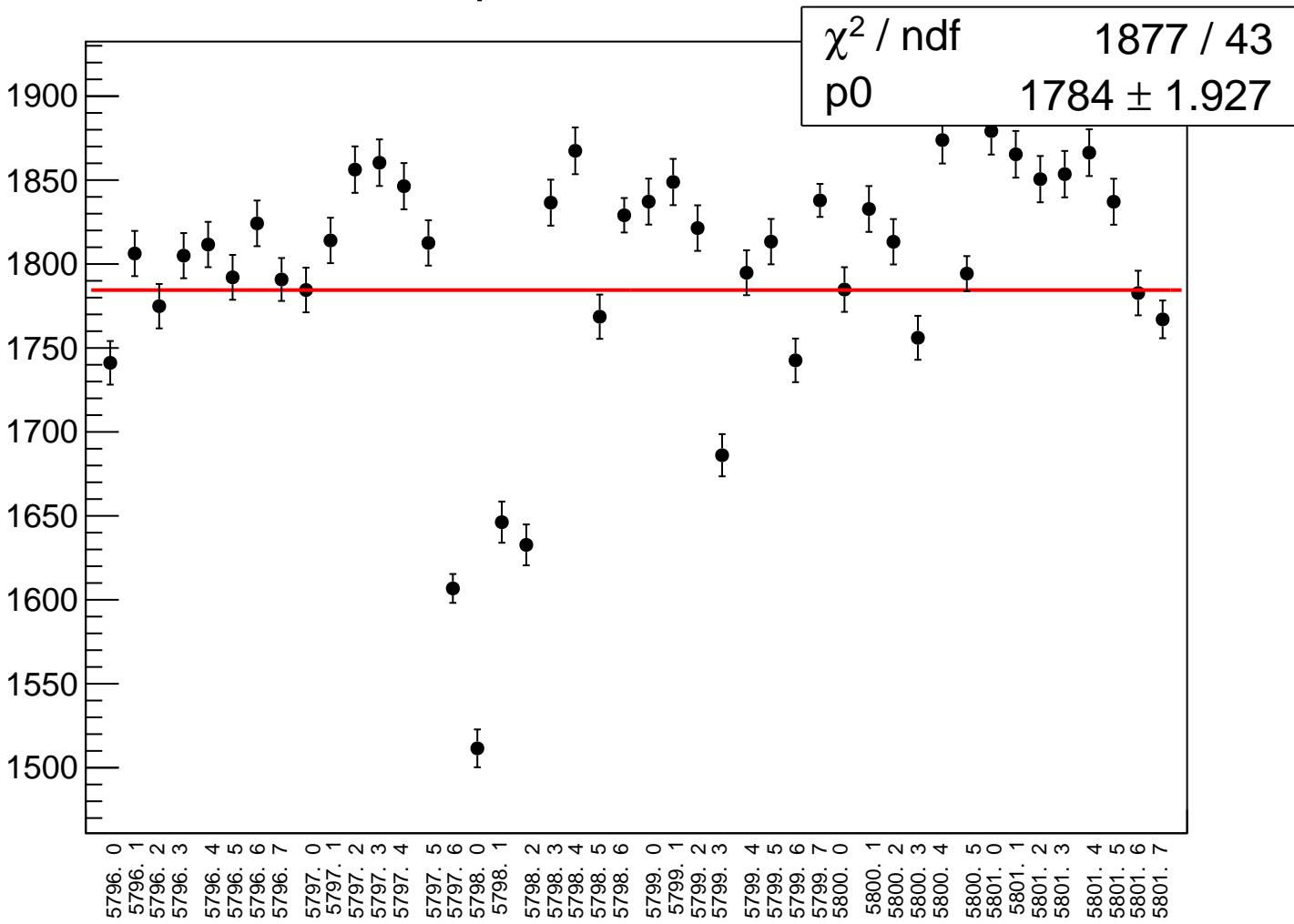
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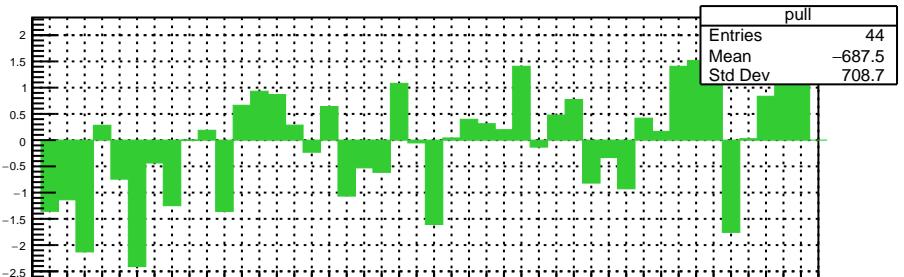
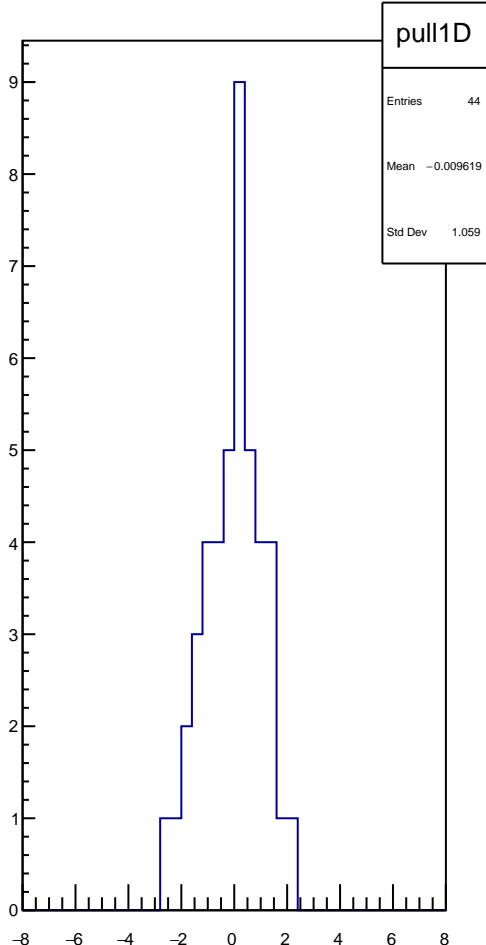
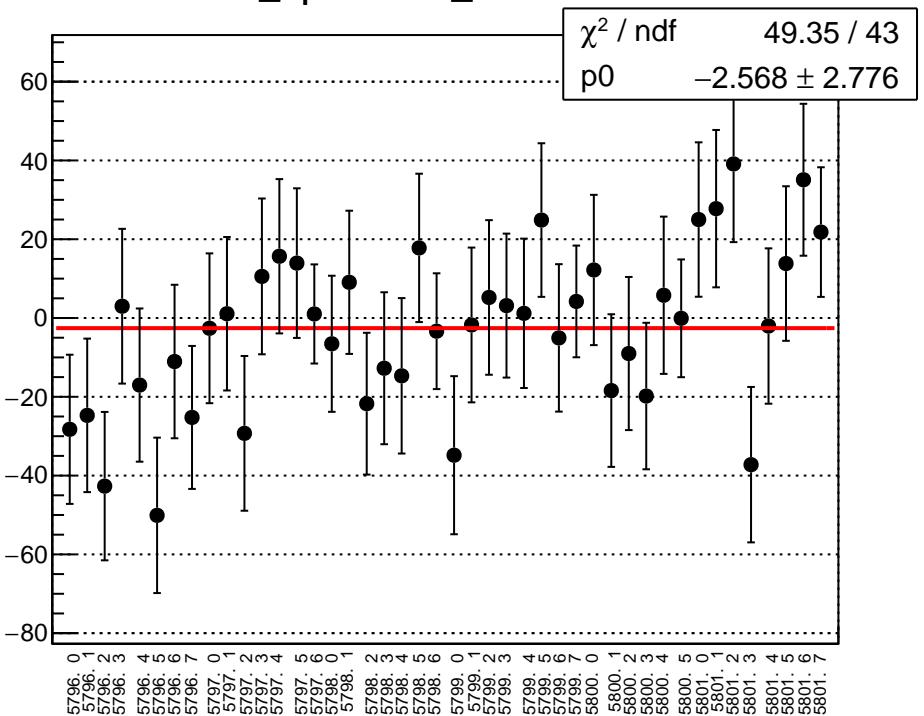
# diff\_bpm0i05X\_mean vs run



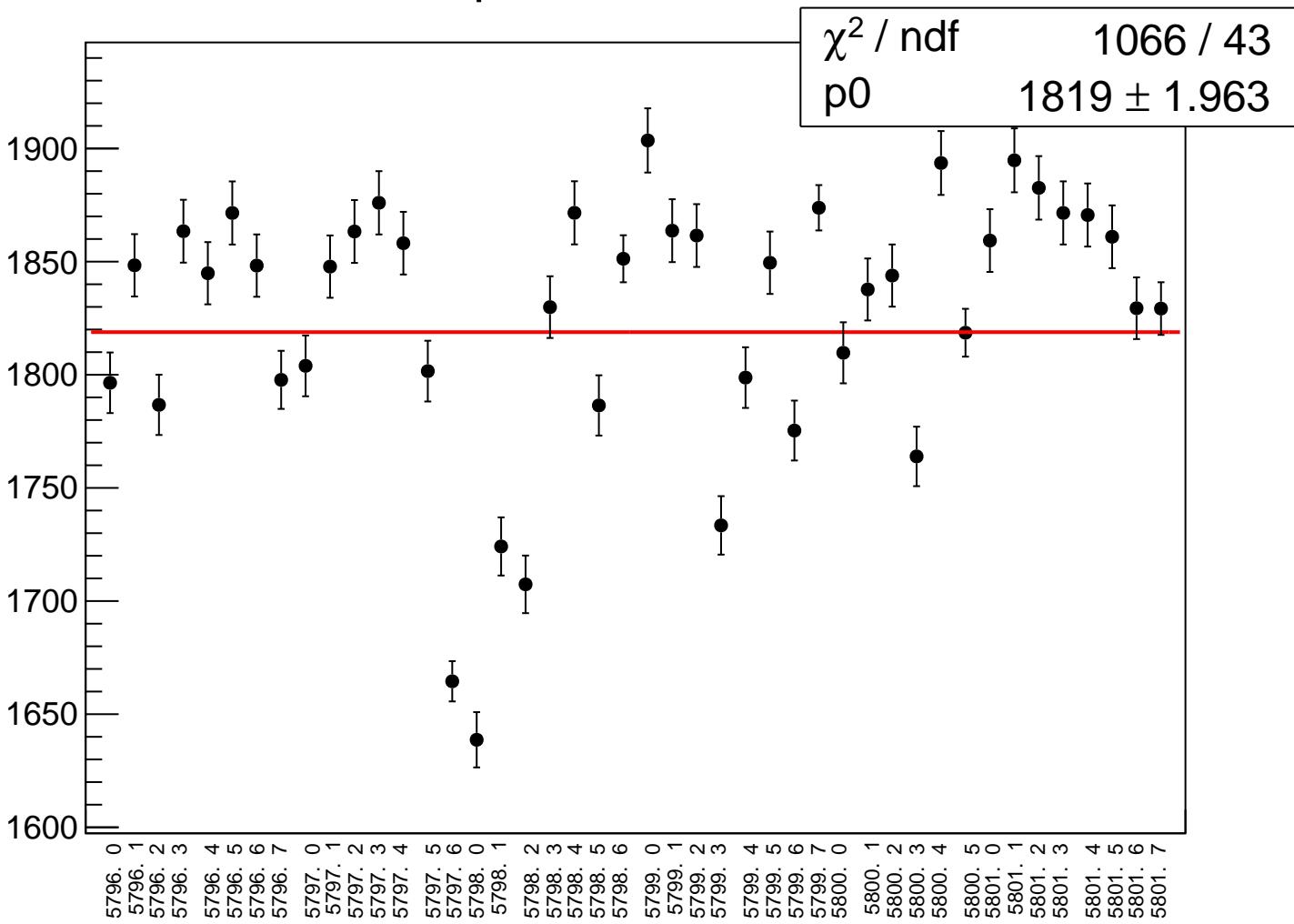
# diff\_bpm0i05X\_rms vs run



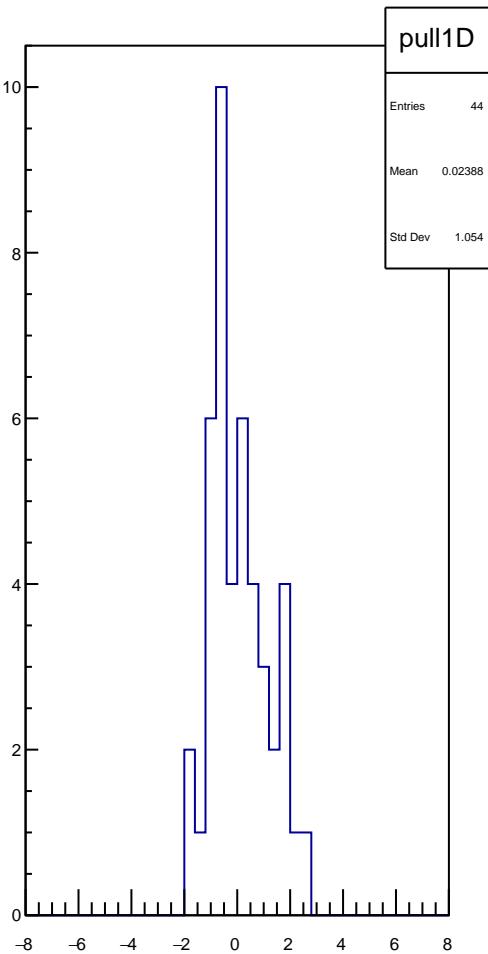
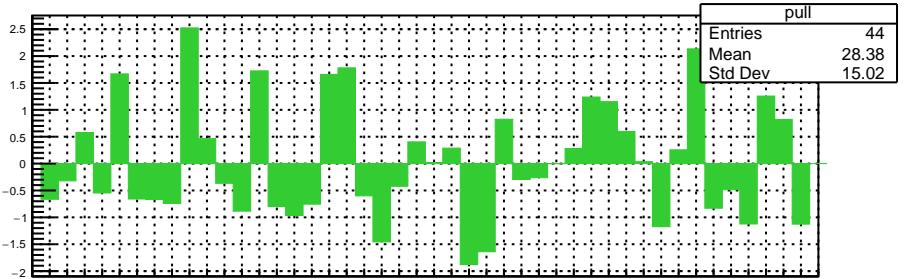
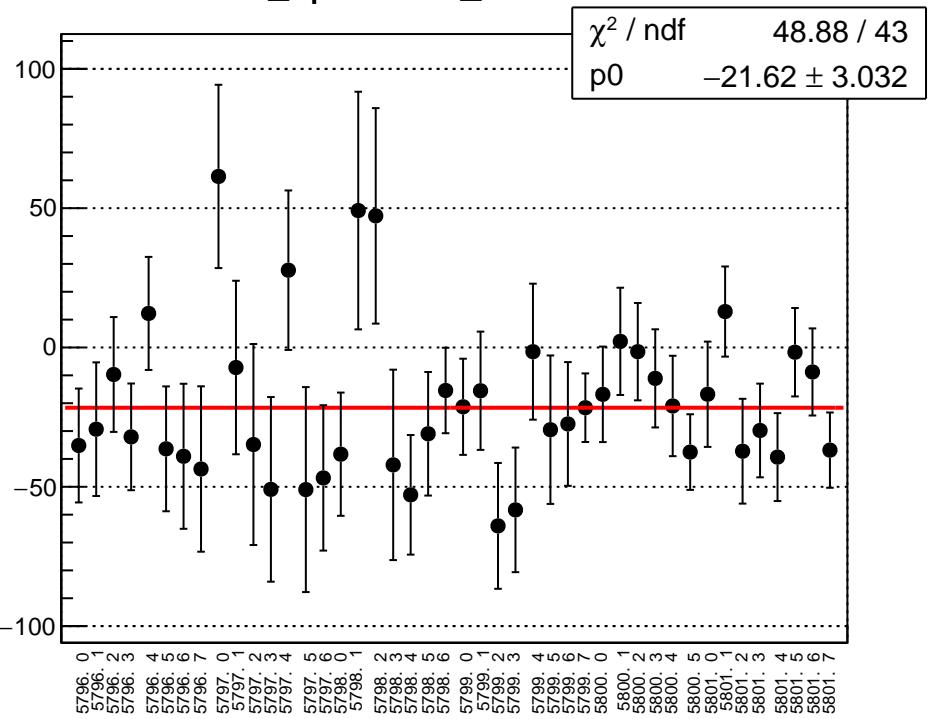
# diff\_bpm0i05Y\_mean vs run



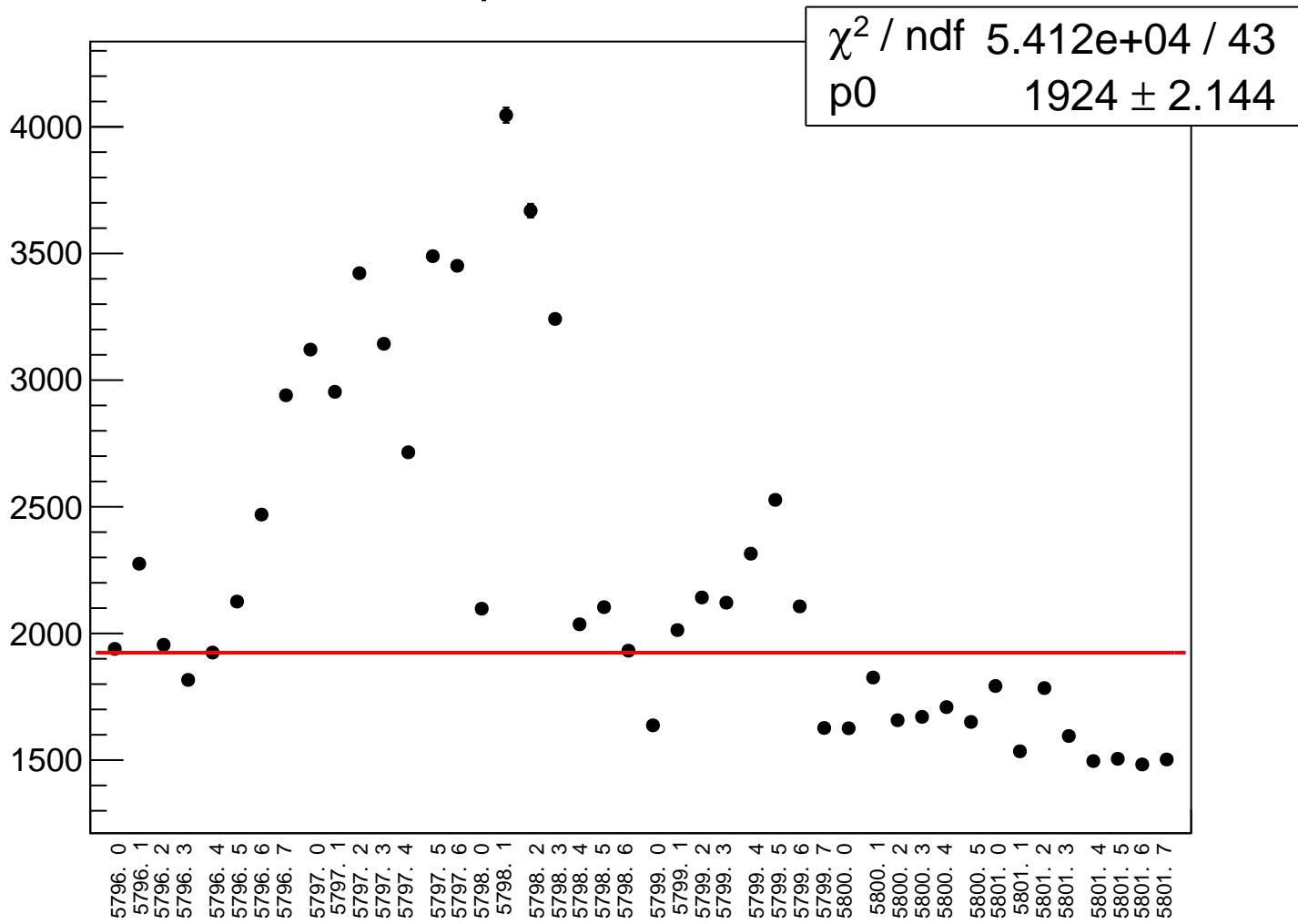
# diff\_bpm0i05Y\_rms vs run



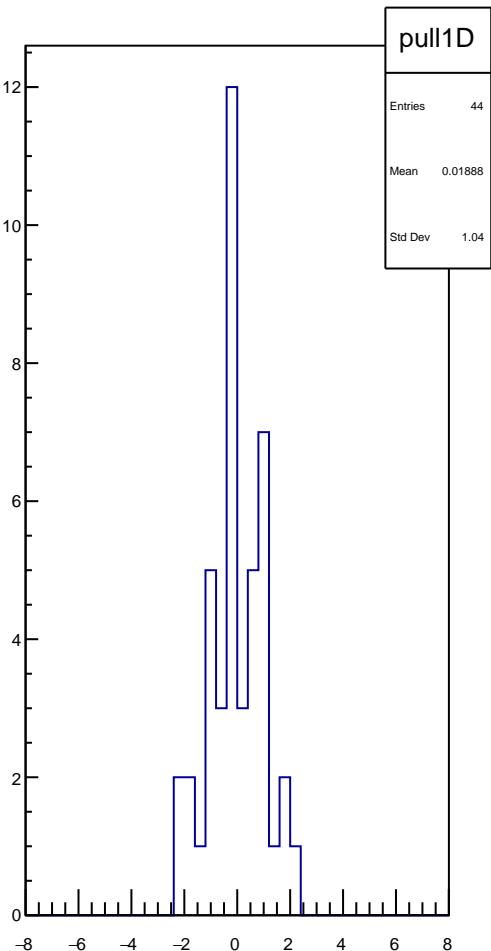
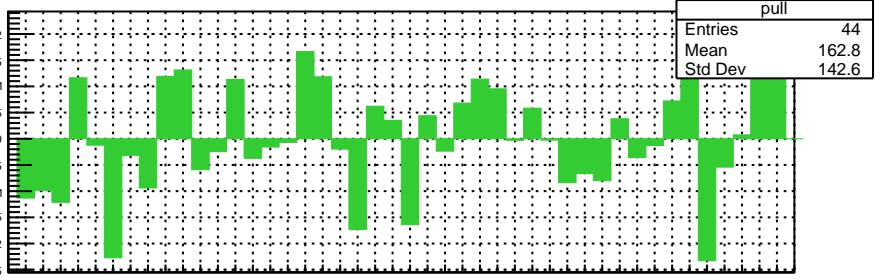
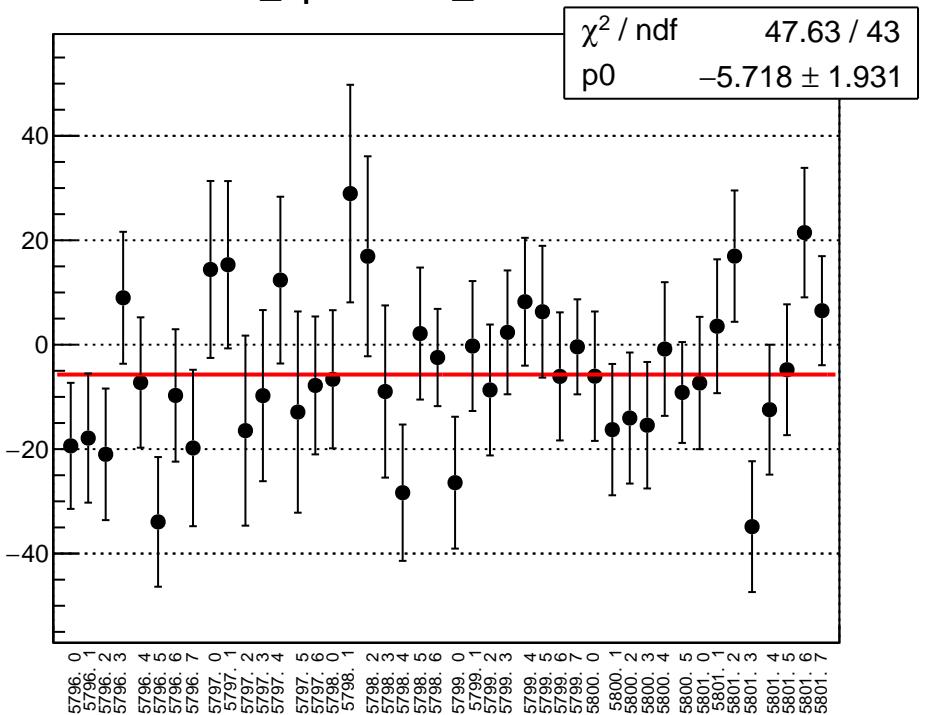
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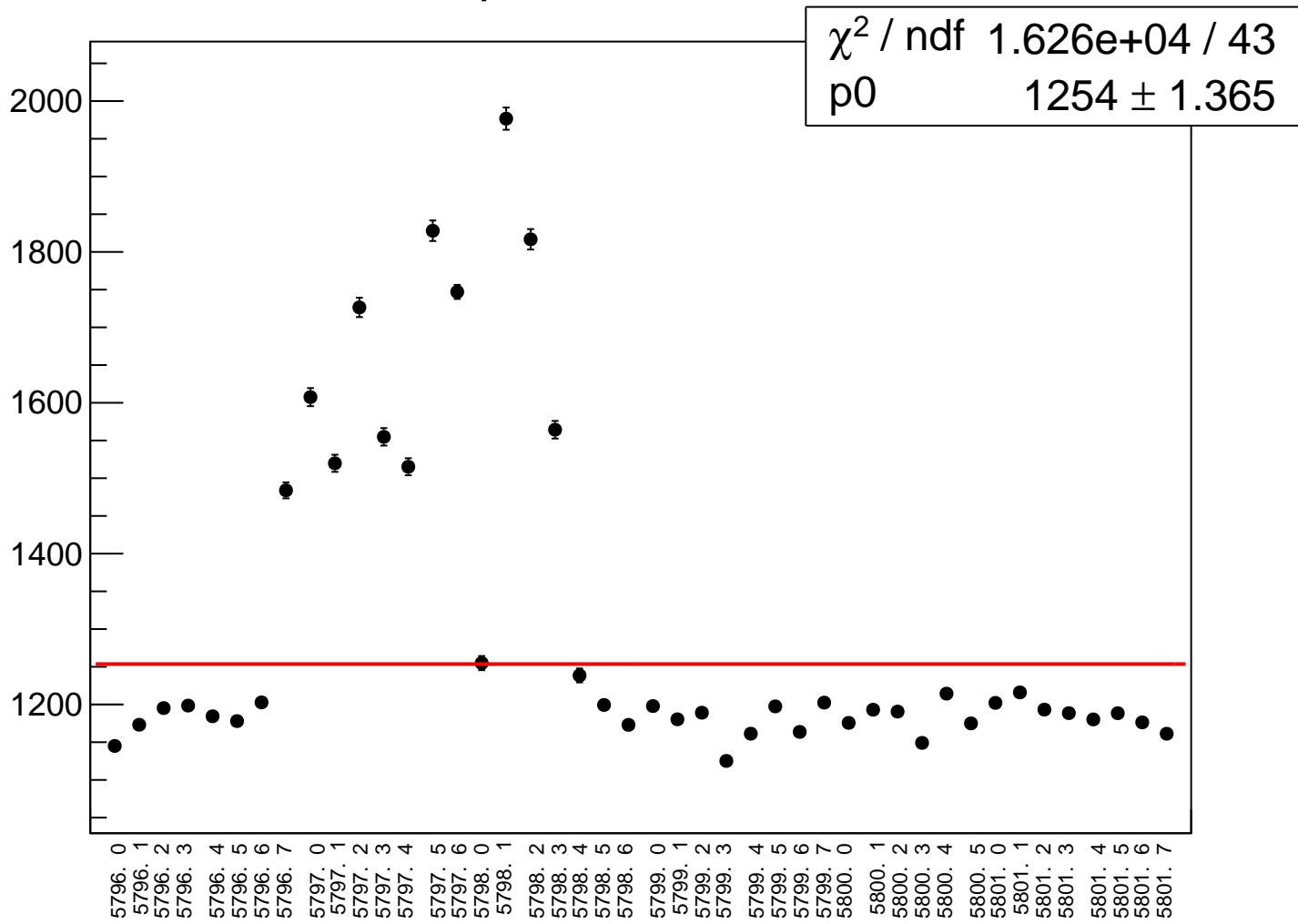
# diff\_bpm0i07X\_rms vs run



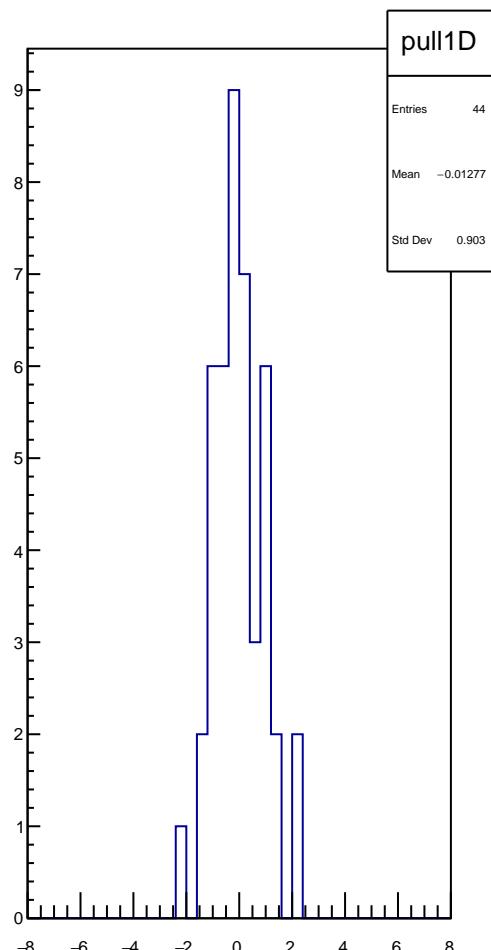
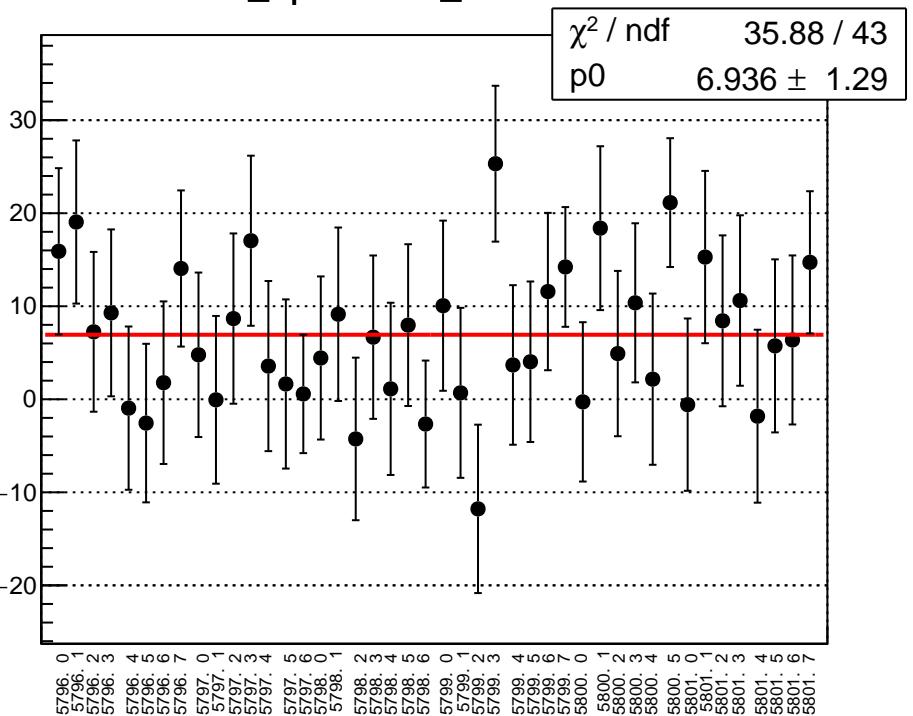
# diff\_bpm0i07Y\_mean vs run



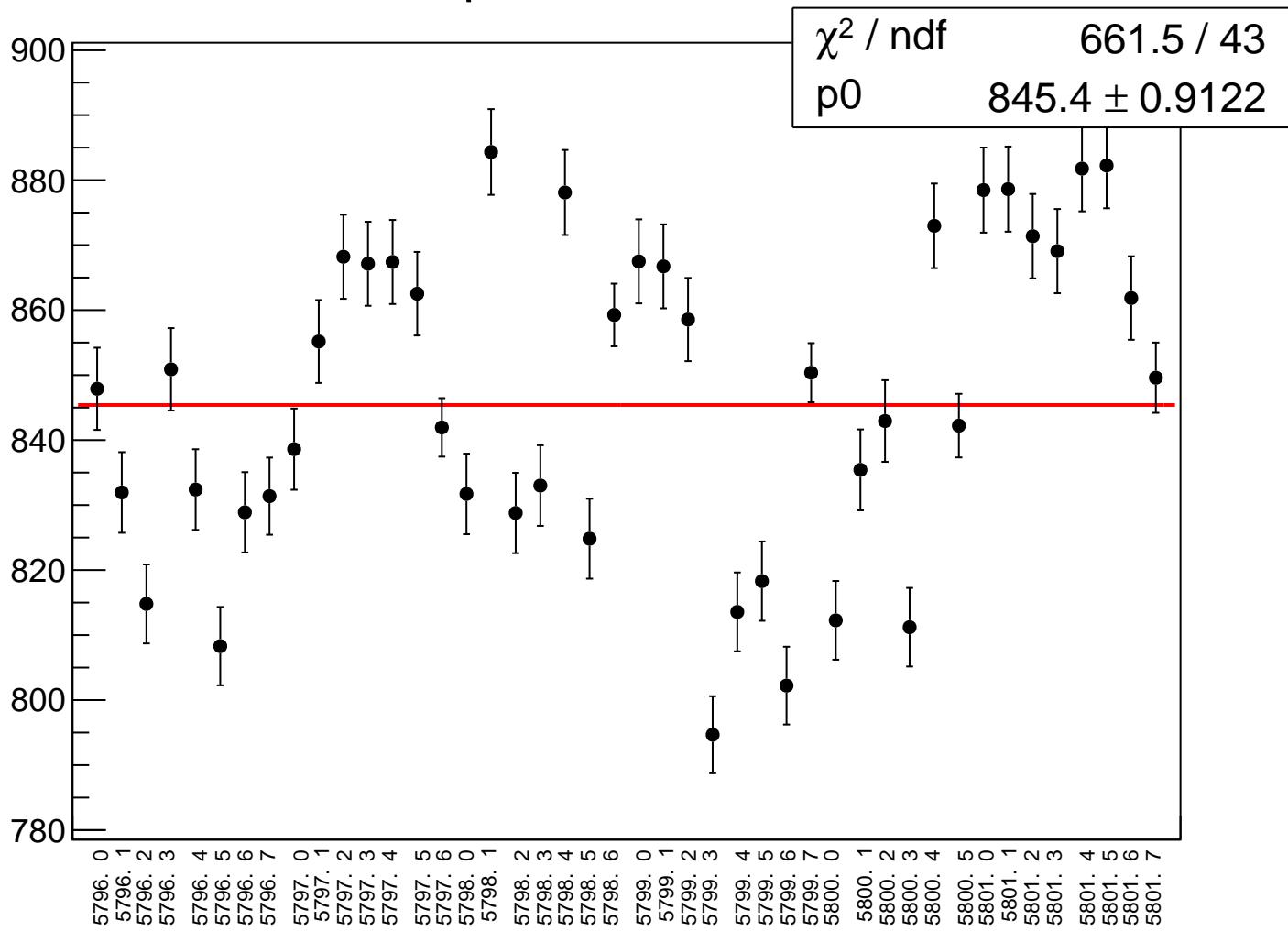
# diff\_bpm0i07Y\_rms vs run



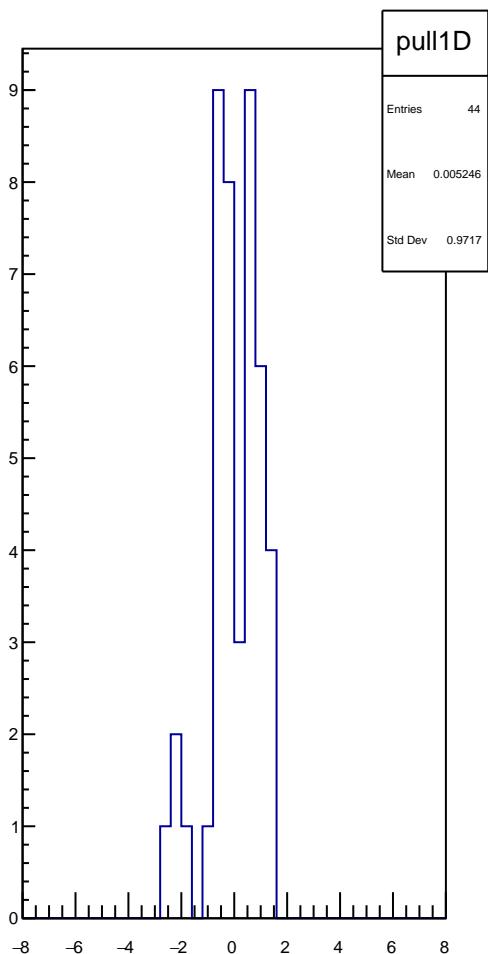
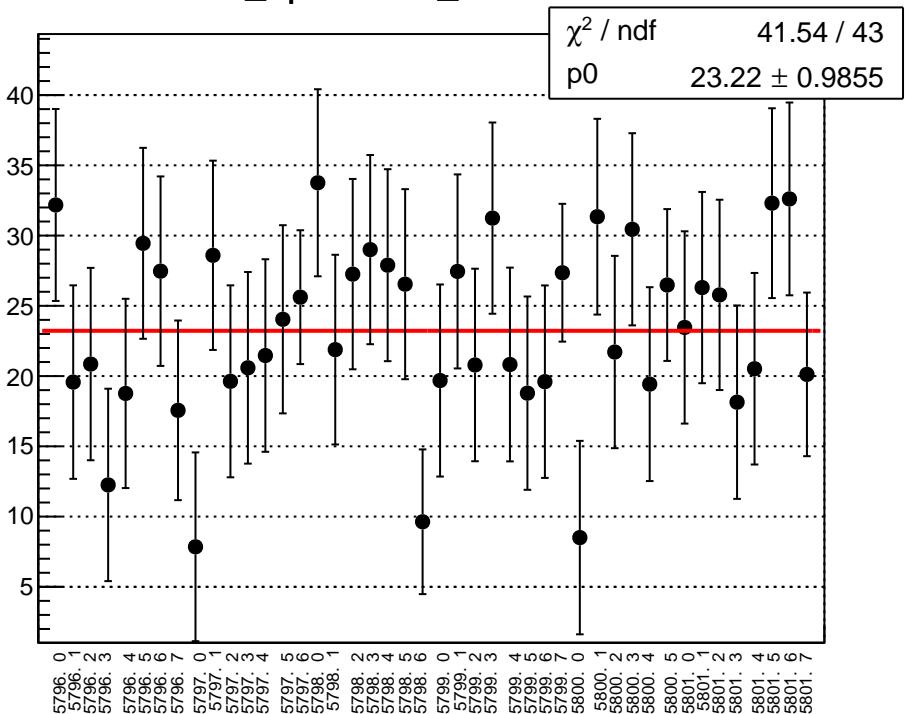
# diff\_bpm1i02X\_mean vs run



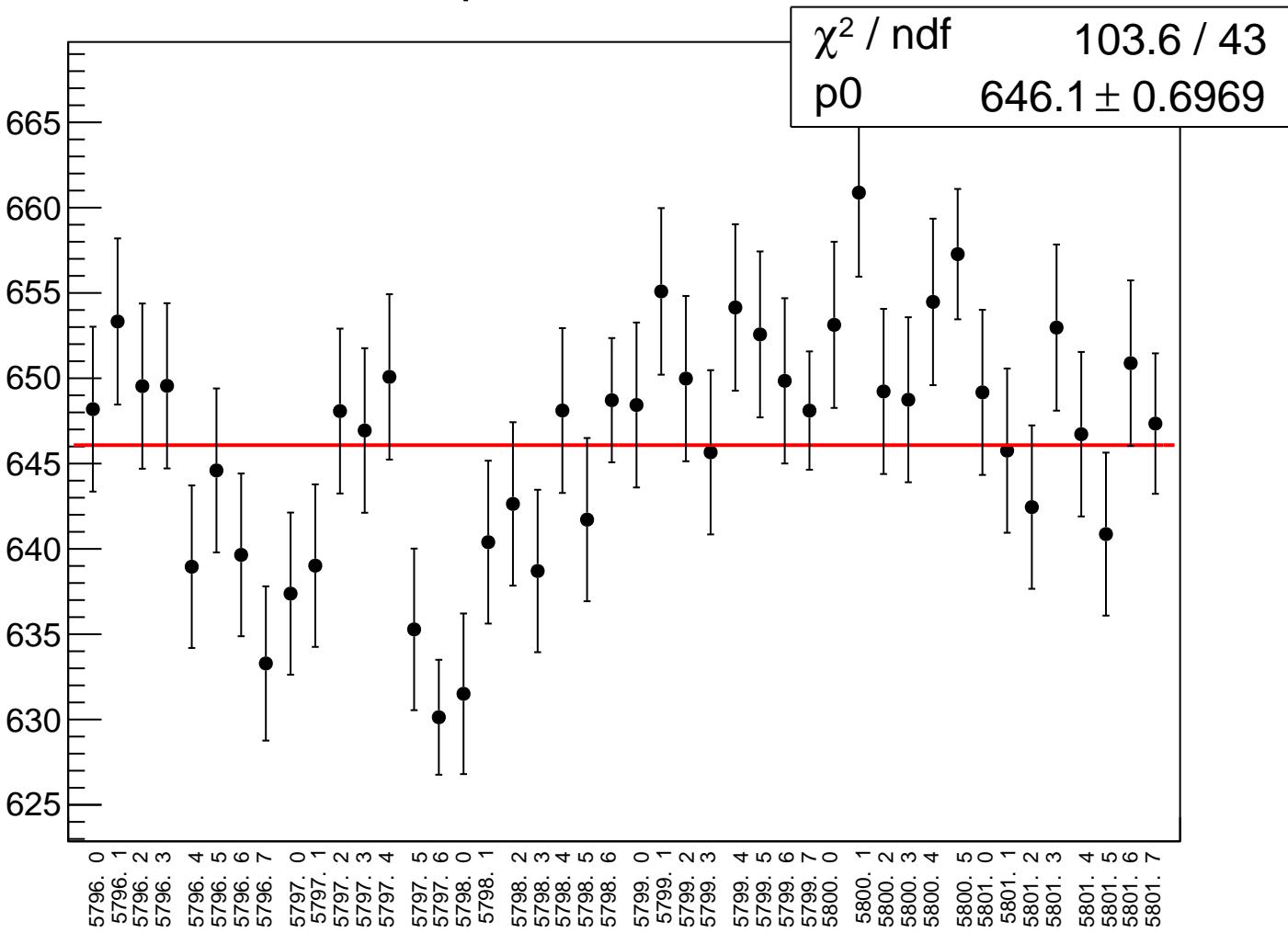
# diff\_bpm1i02X\_rms vs run



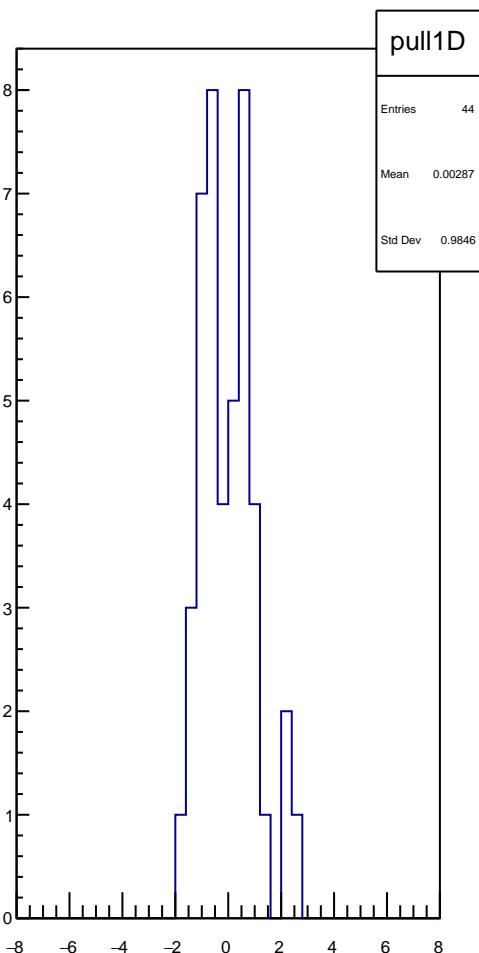
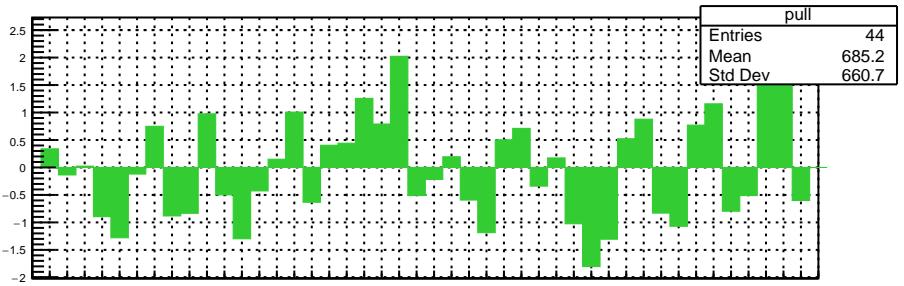
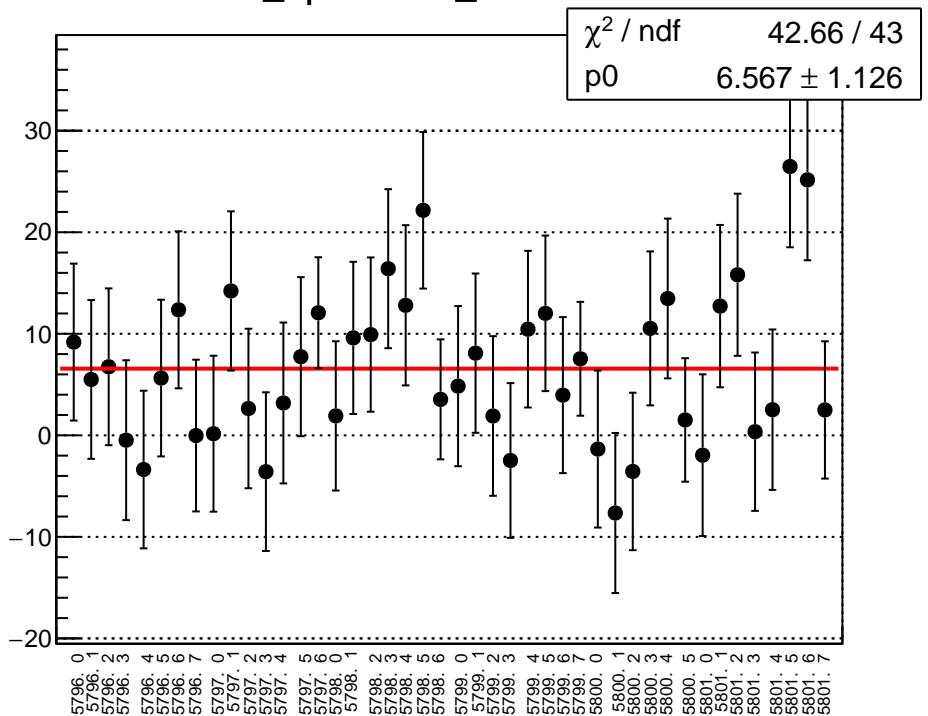
# diff\_bpm1i02Y\_mean vs run



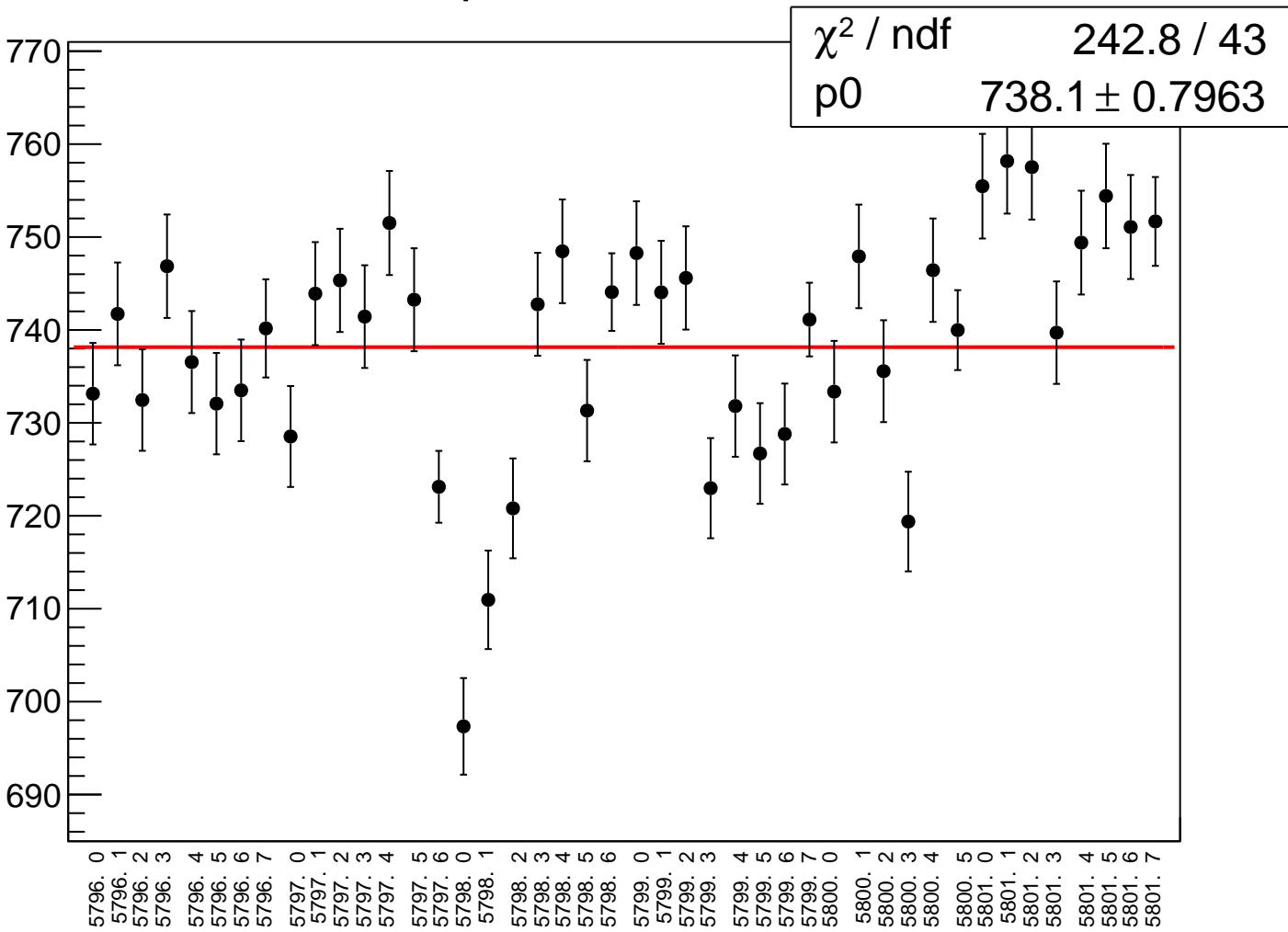
# diff\_bpm1i02Y\_rms vs run



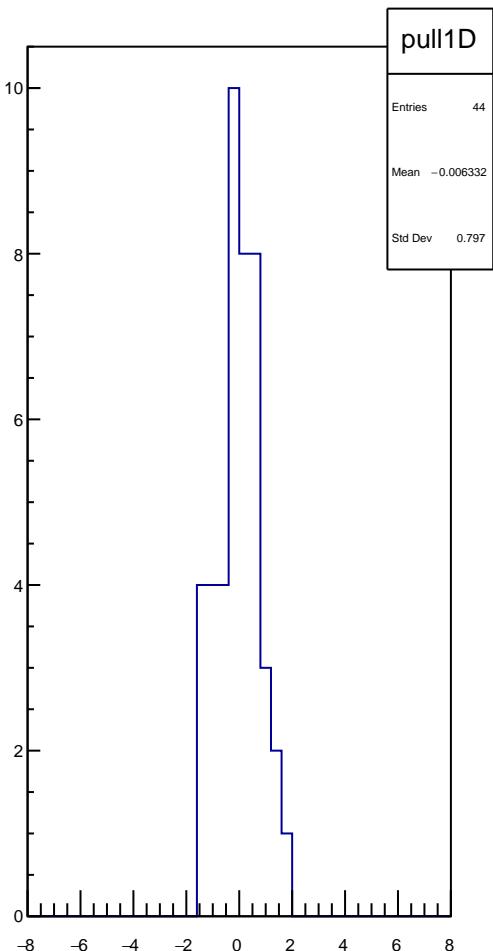
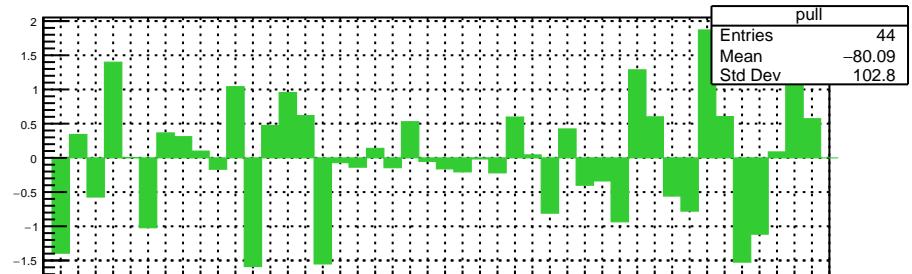
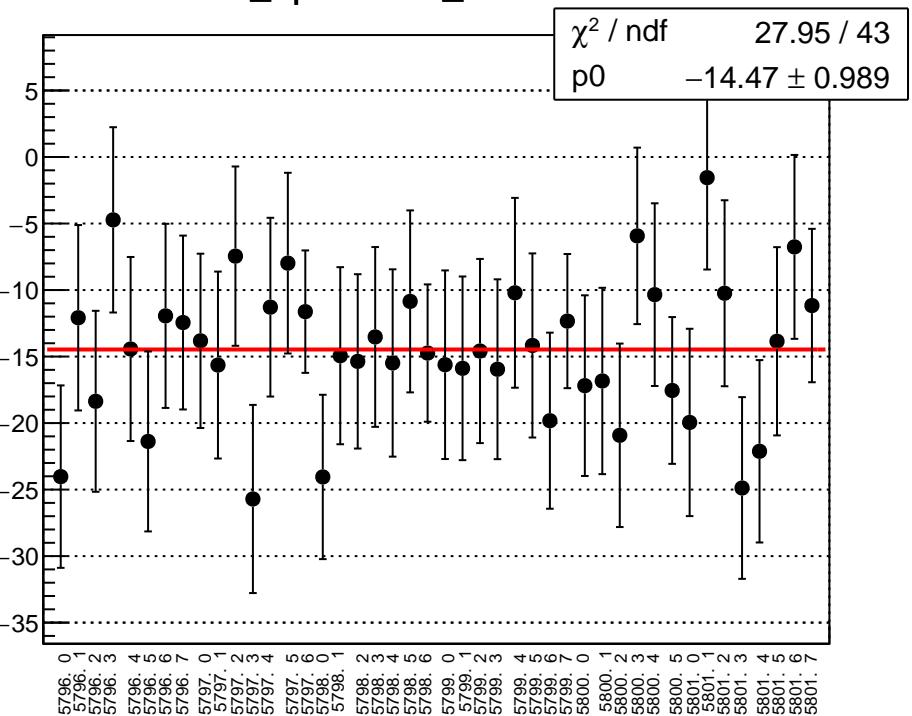
# diff\_bpm1i04X\_mean vs run



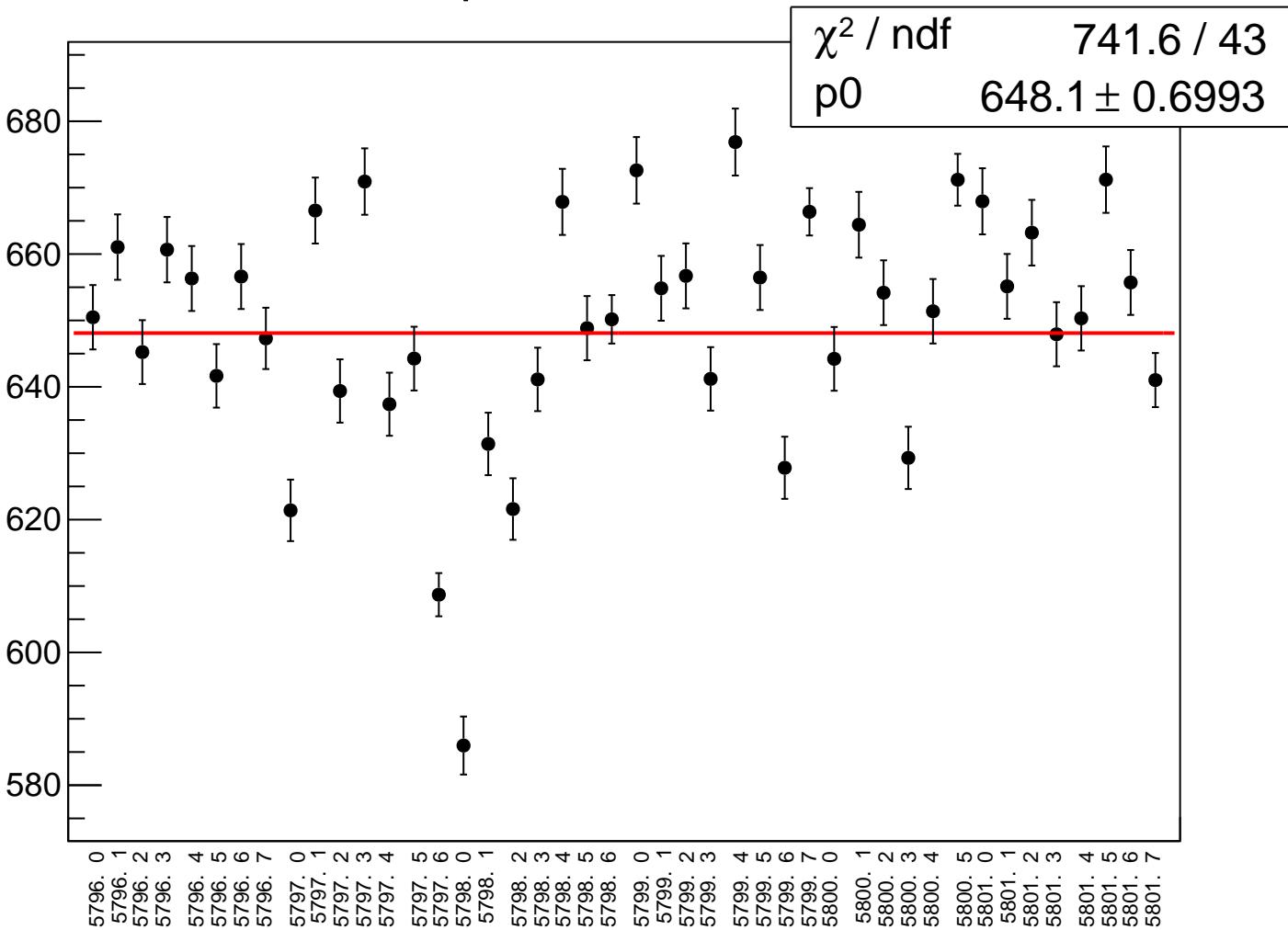
# diff\_bpm1i04X\_rms vs run



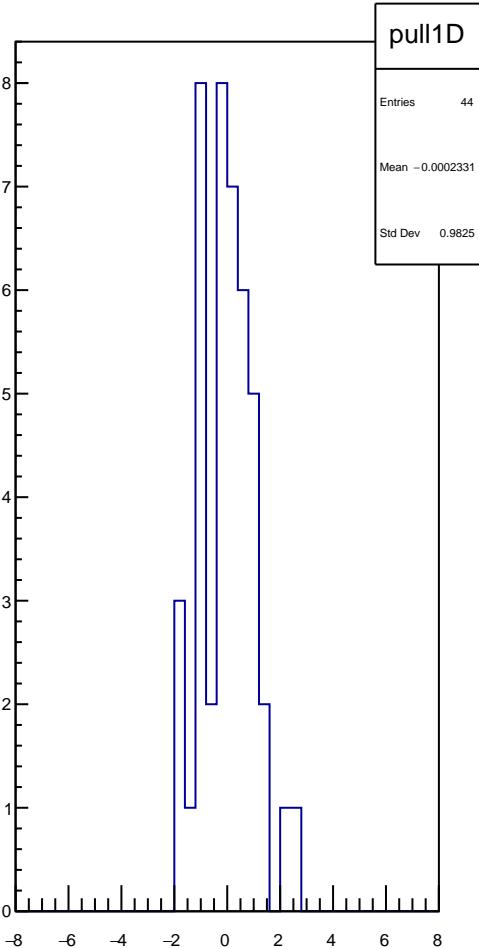
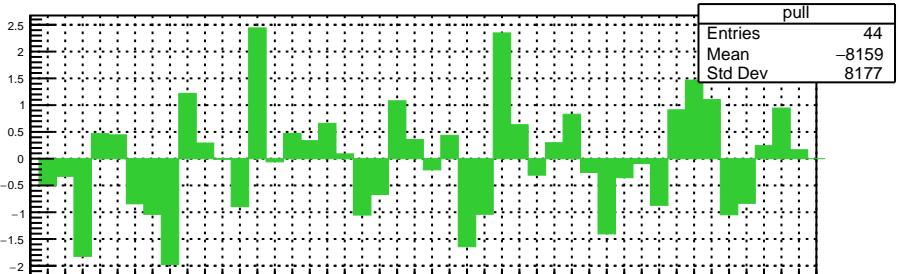
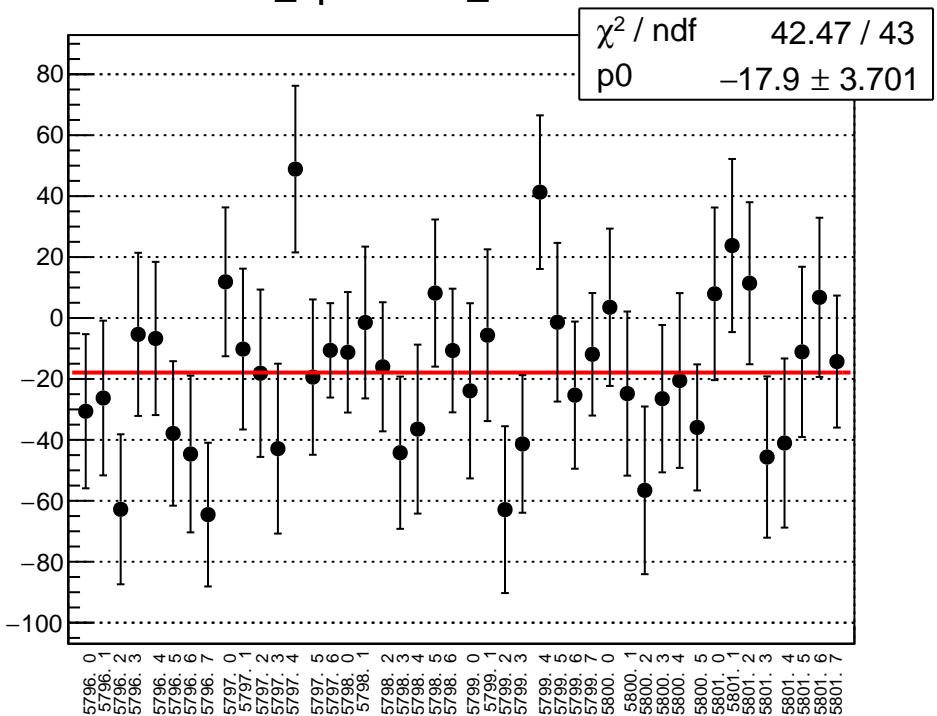
# diff\_bpm1i04Y\_mean vs run



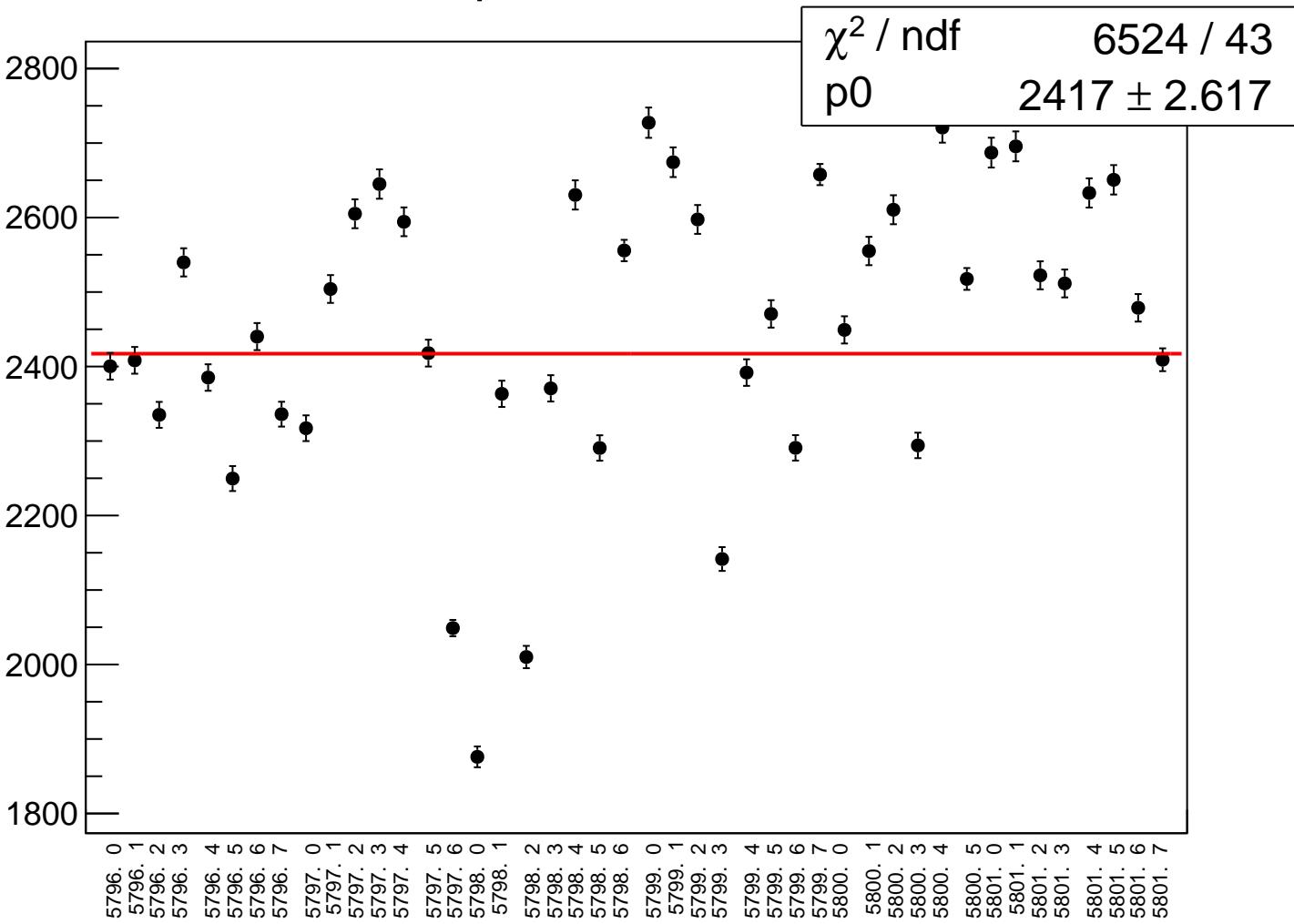
# diff\_bpm1i04Y\_rms vs run



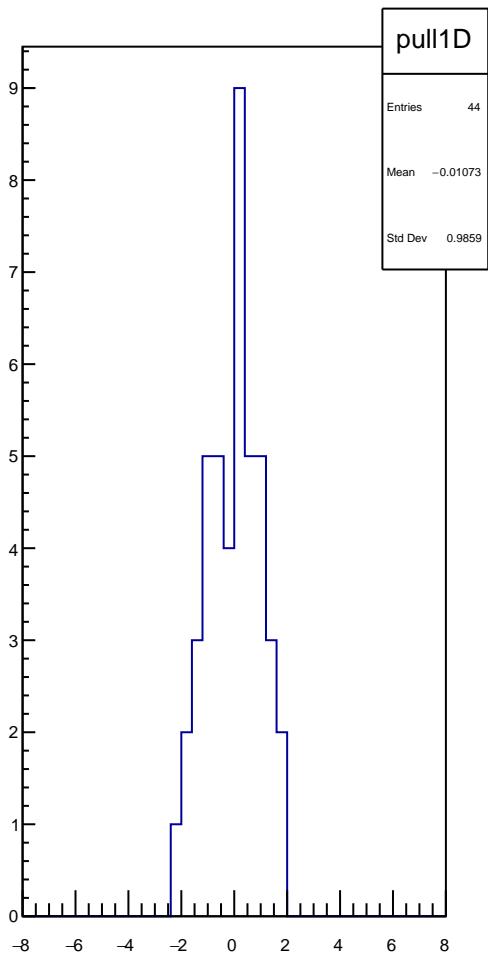
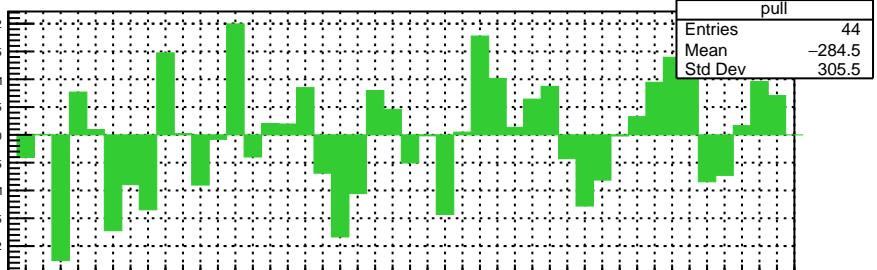
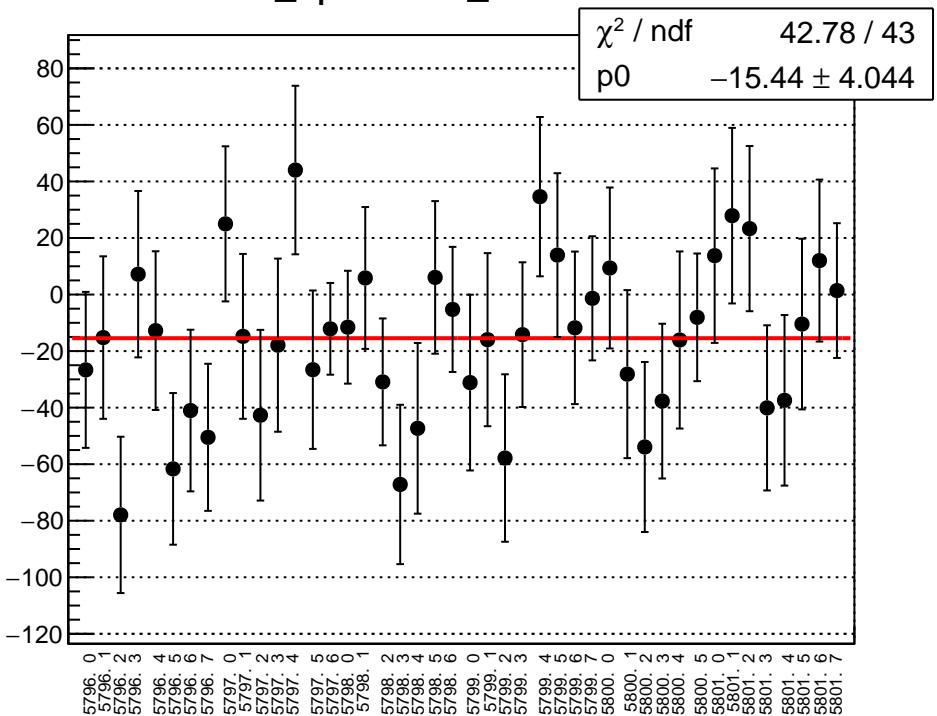
# diff\_bpm1i06X\_mean vs run



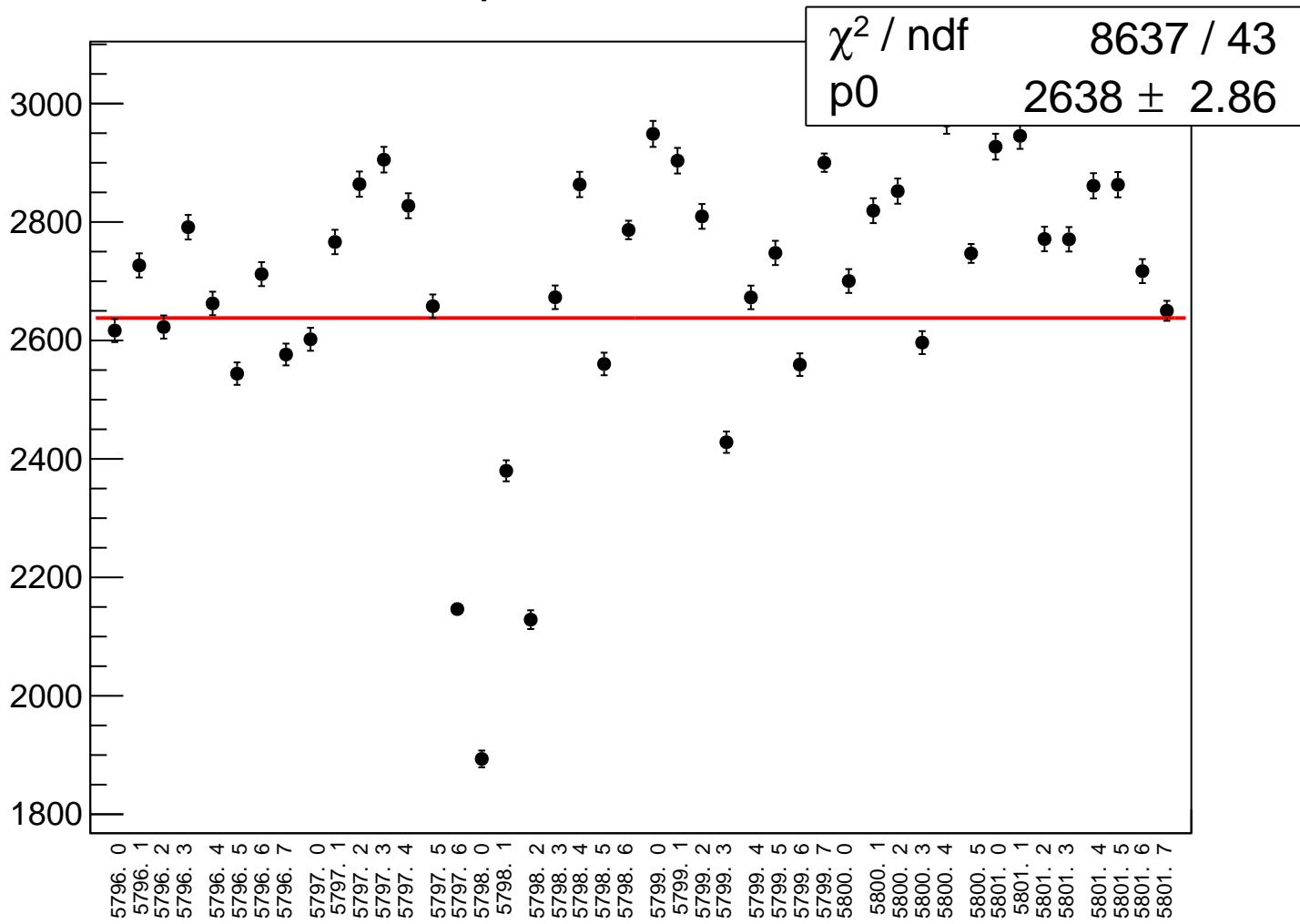
# diff\_bpm1i06X\_rms vs run



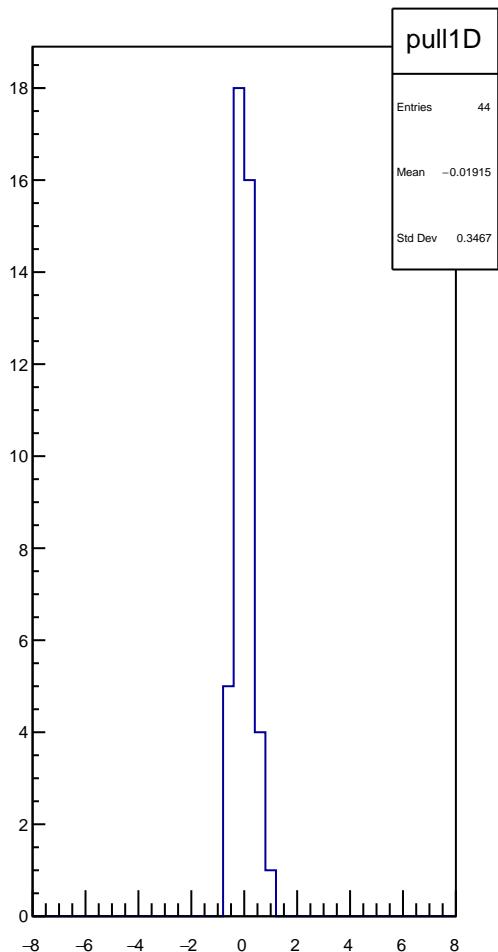
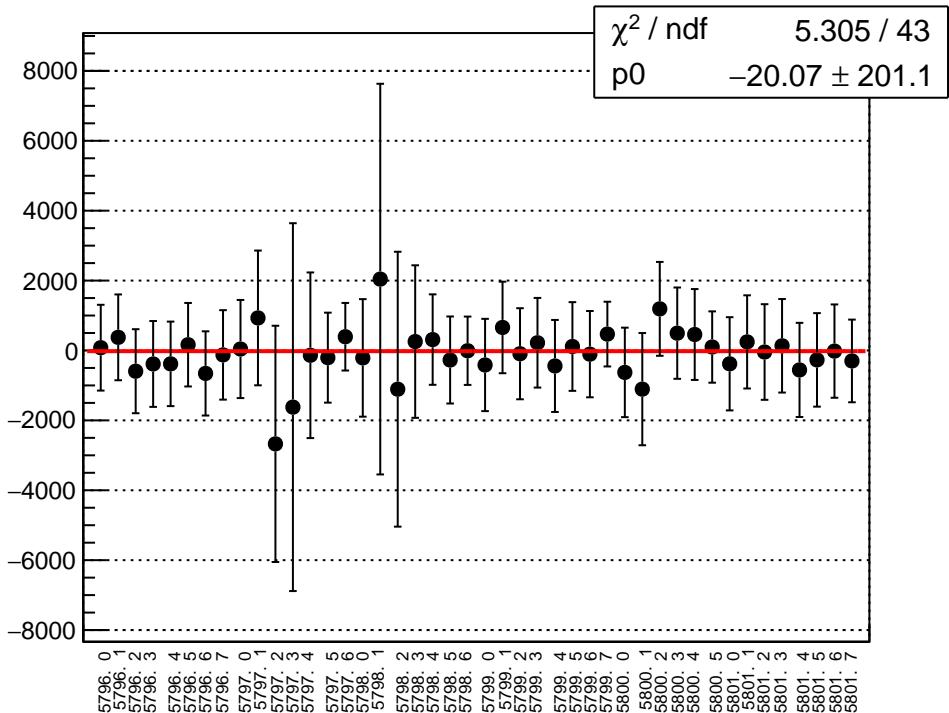
# diff\_bpm1i06Y\_mean vs run



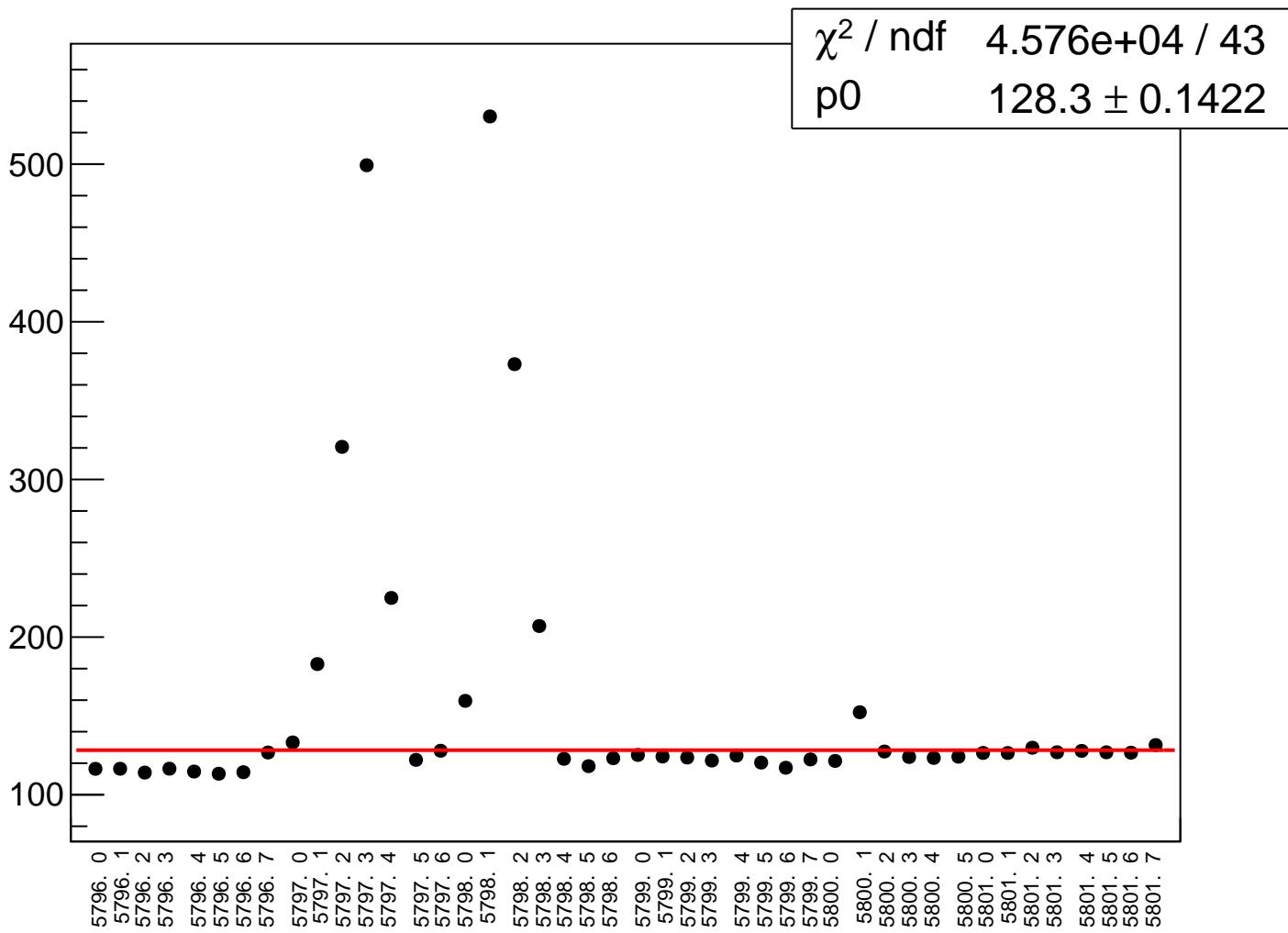
# diff\_bpm1i06Y\_rms vs run



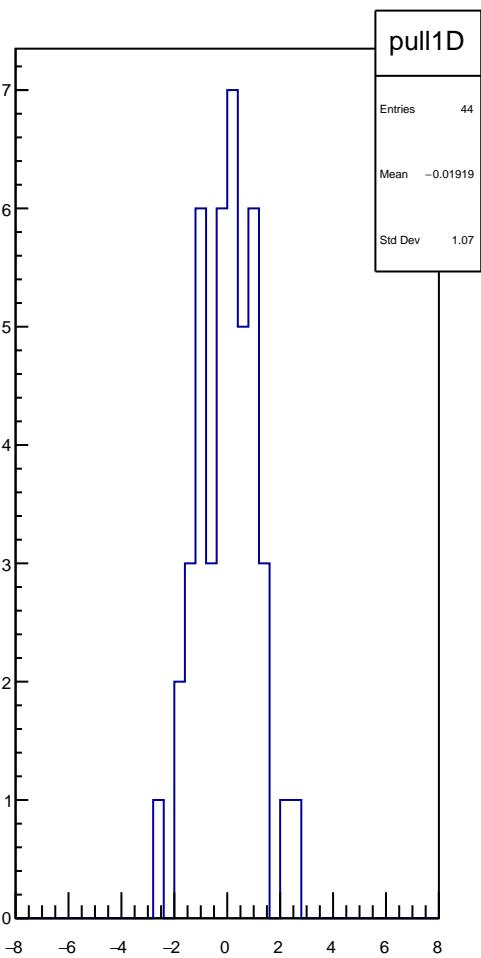
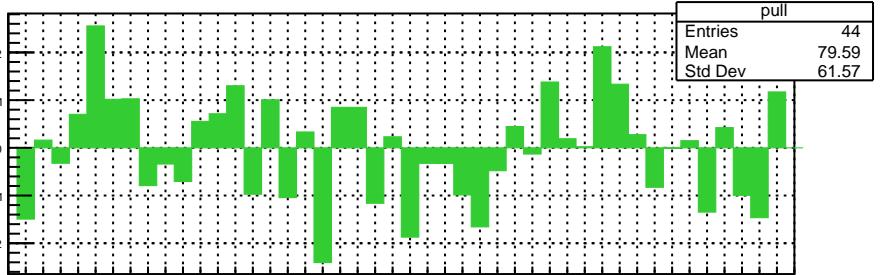
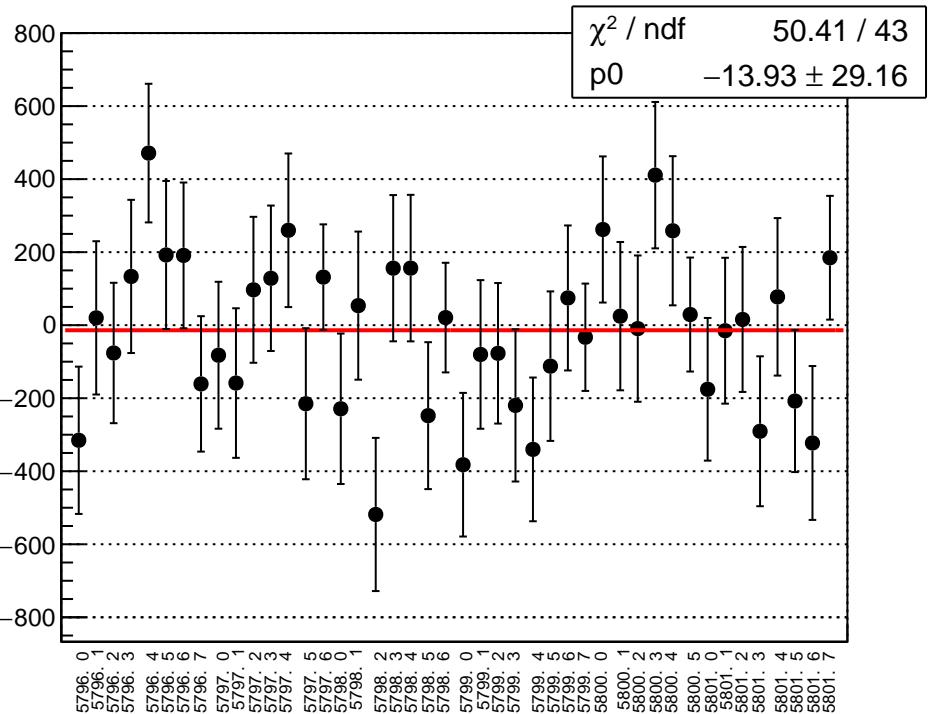
asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_avg\_mean vs run



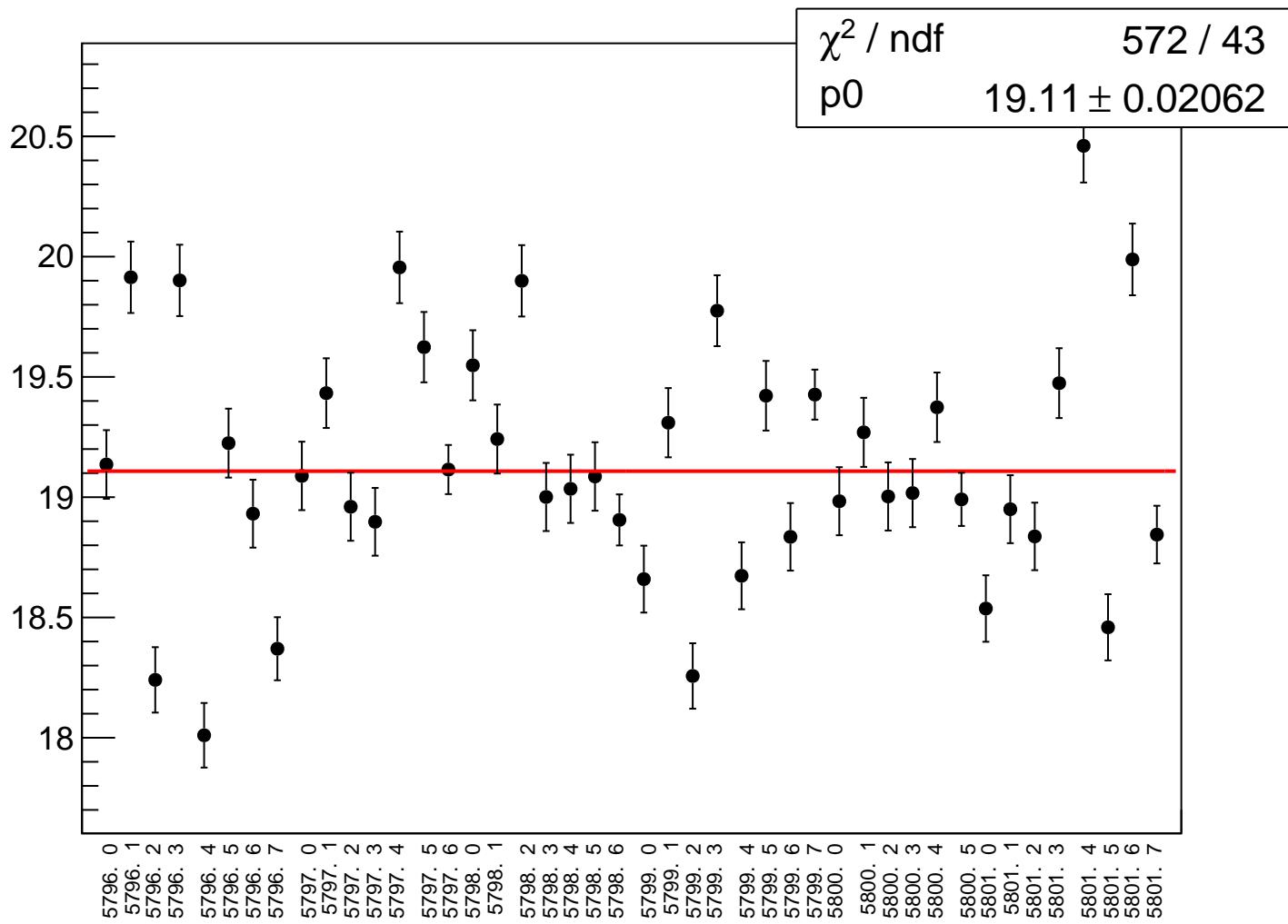
# asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_avg\_rms vs run



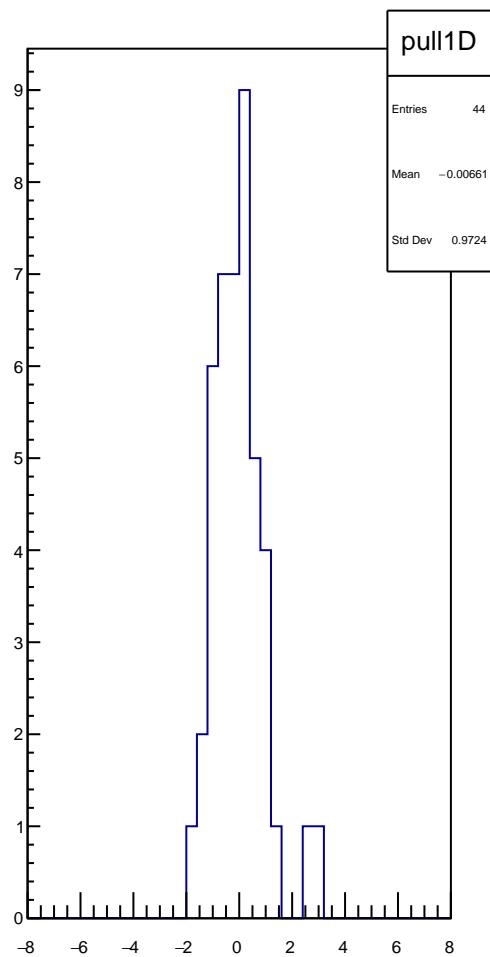
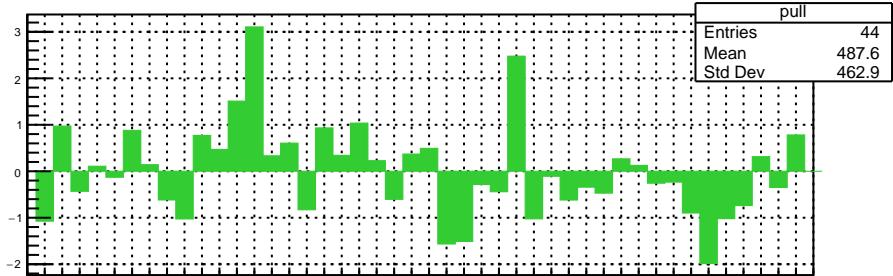
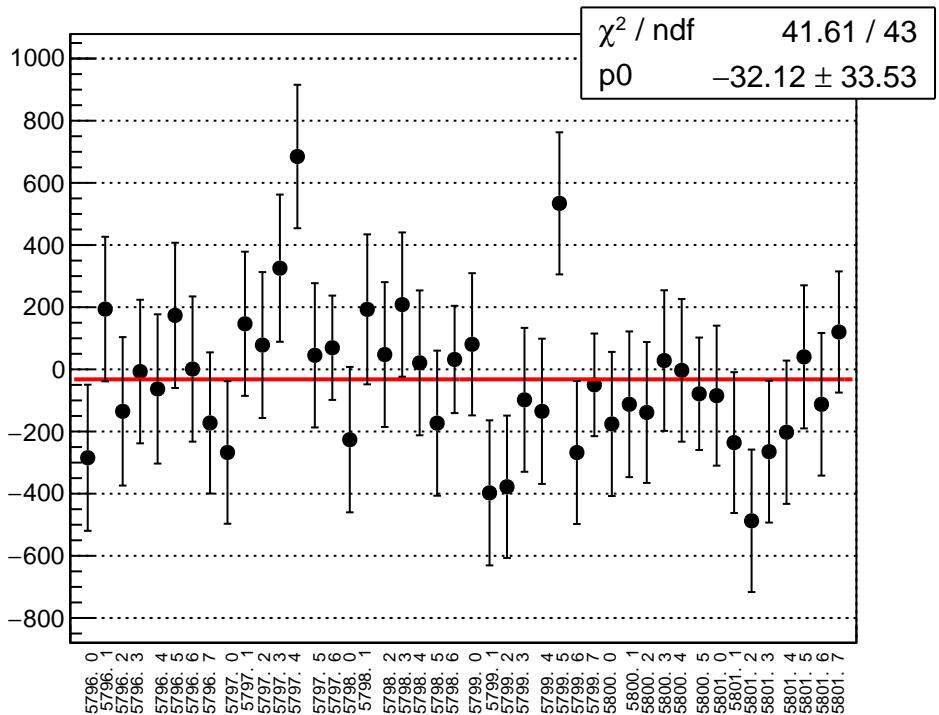
asym\_bcm\_an\_avg\_bcm\_dg\_ds\_agg\_dd\_mean vs run



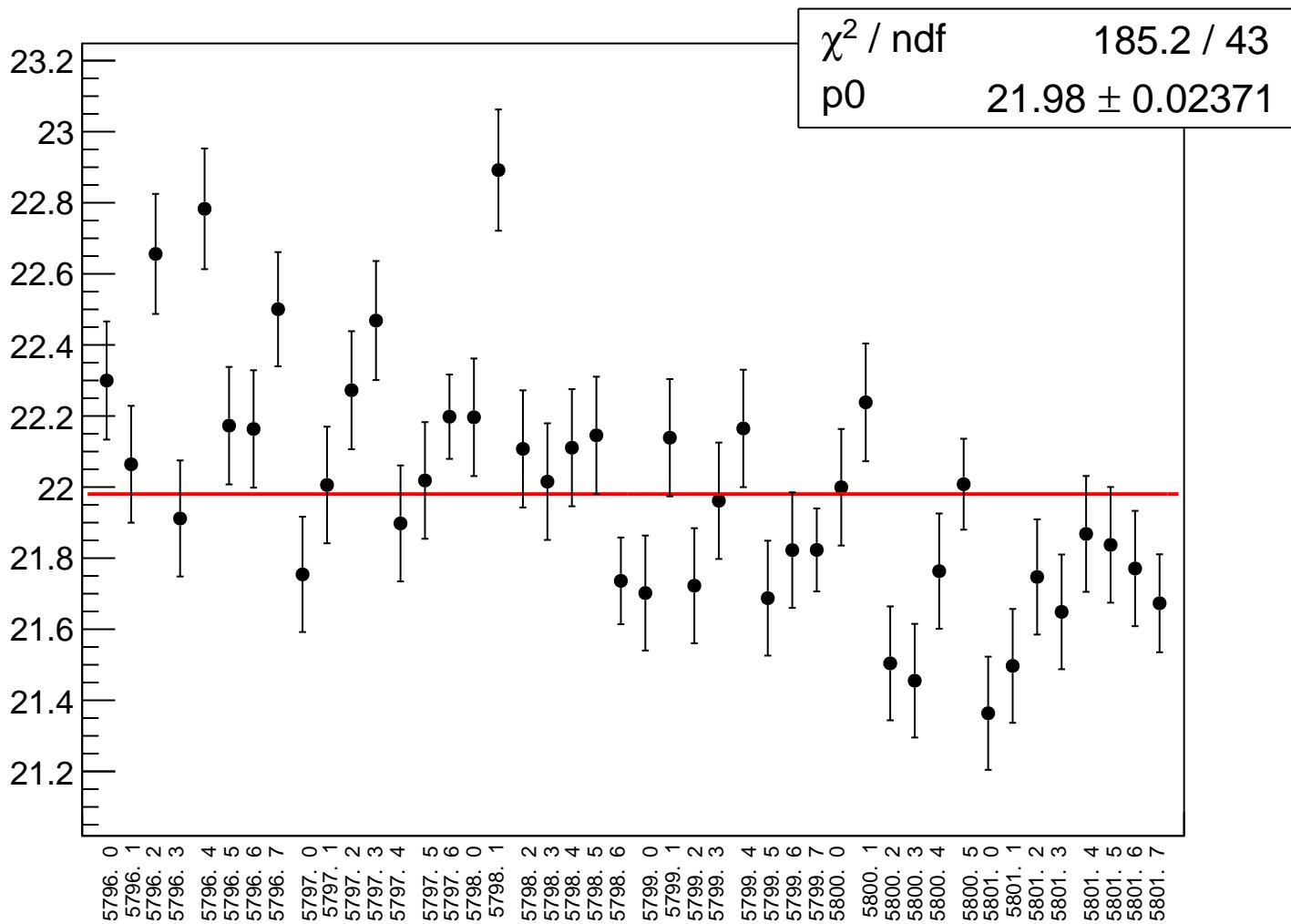
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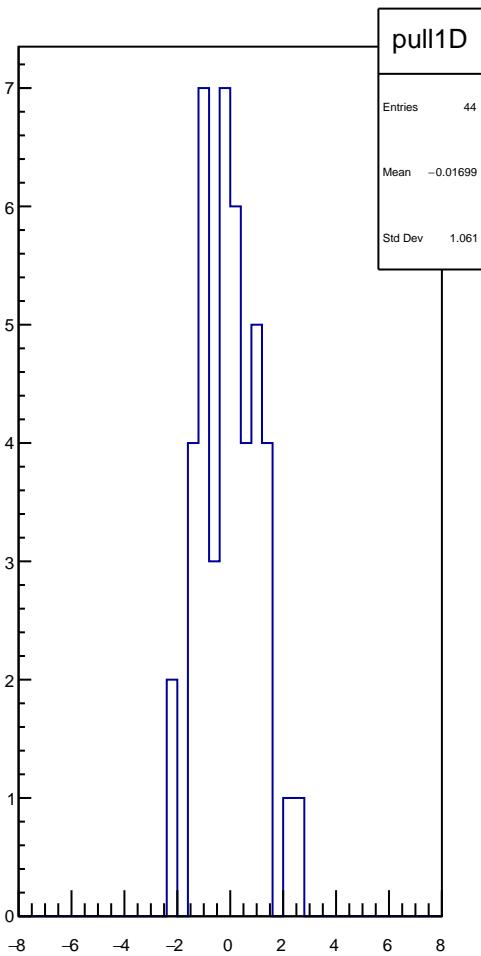
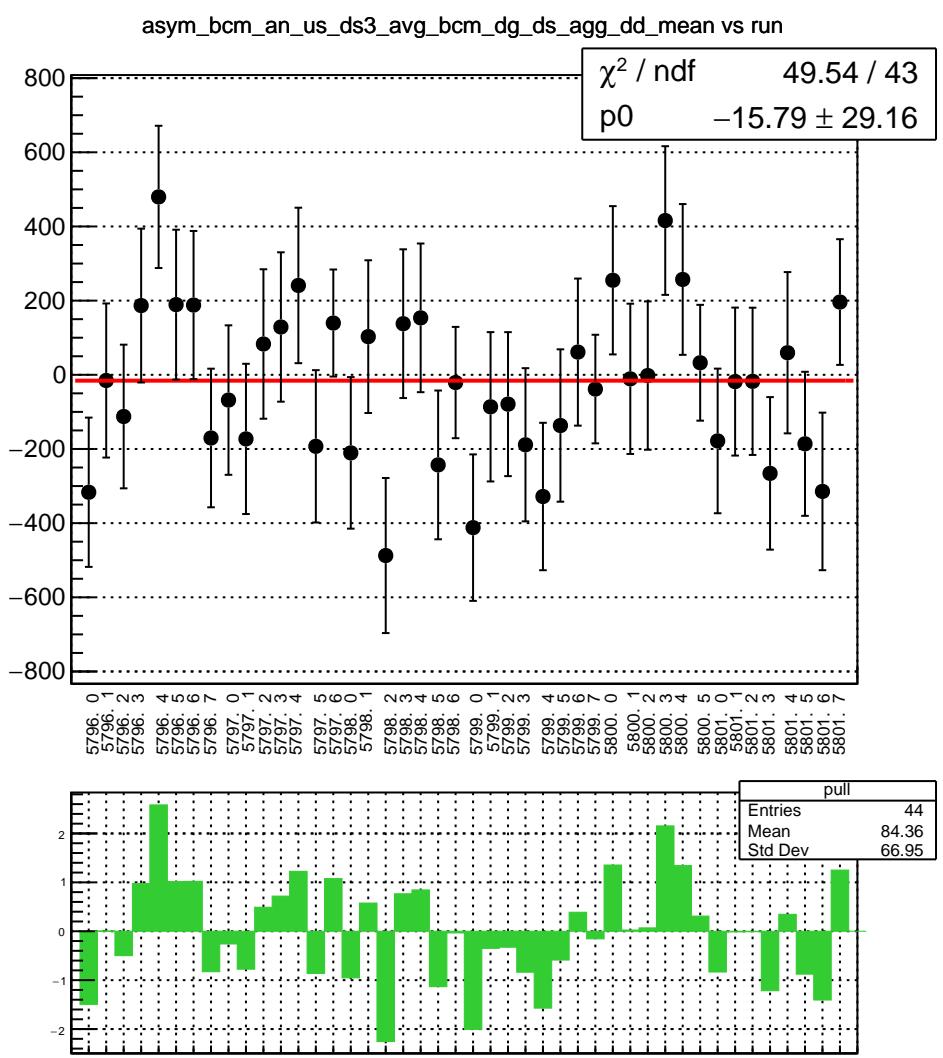


asym\_bcm\_an\_avg\_bcm\_dg\_us\_agg\_dd\_mean vs run

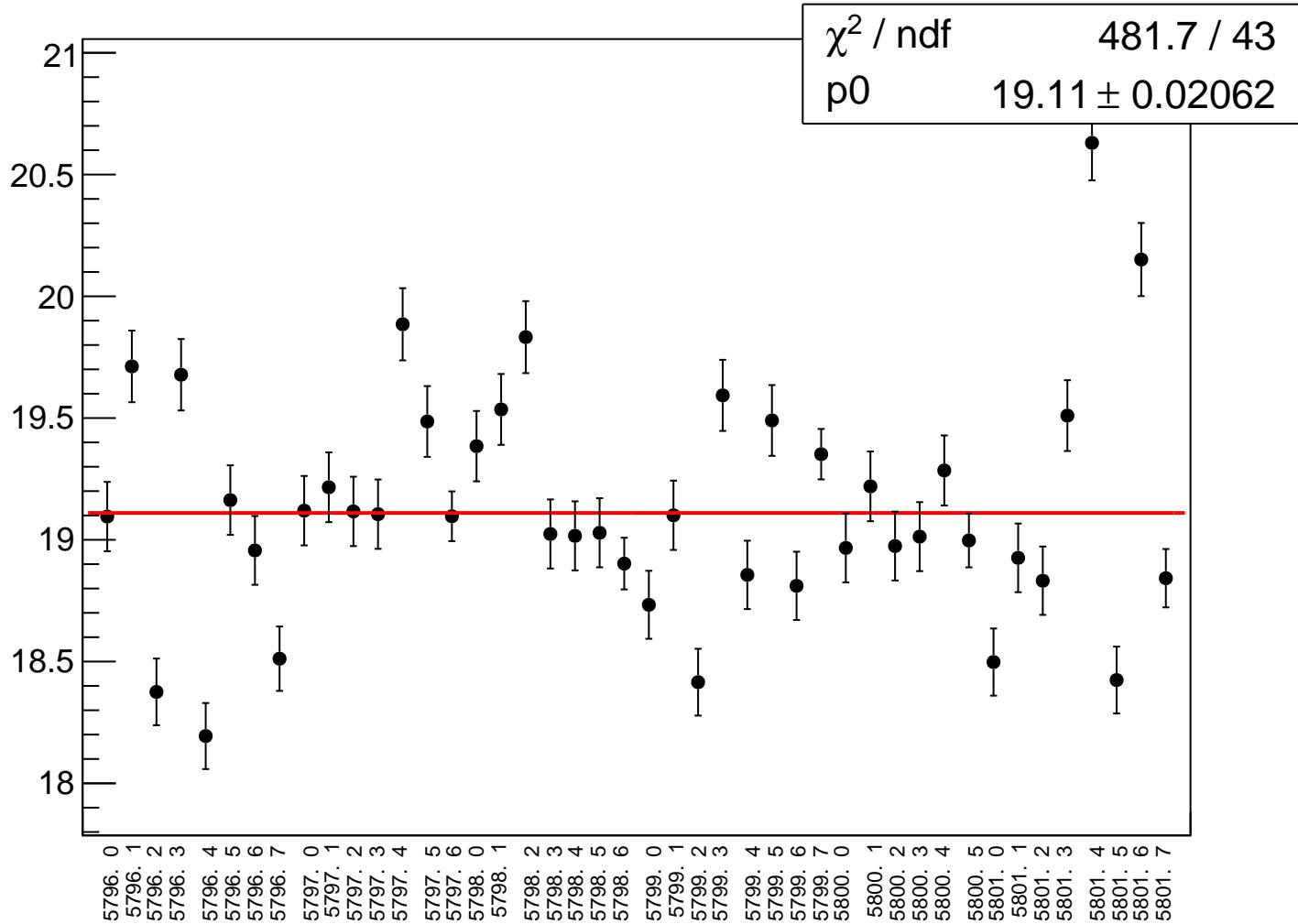


# asym\_bcm\_an\_avg\_bcm\_dg\_us\_agg\_dd\_rms vs run

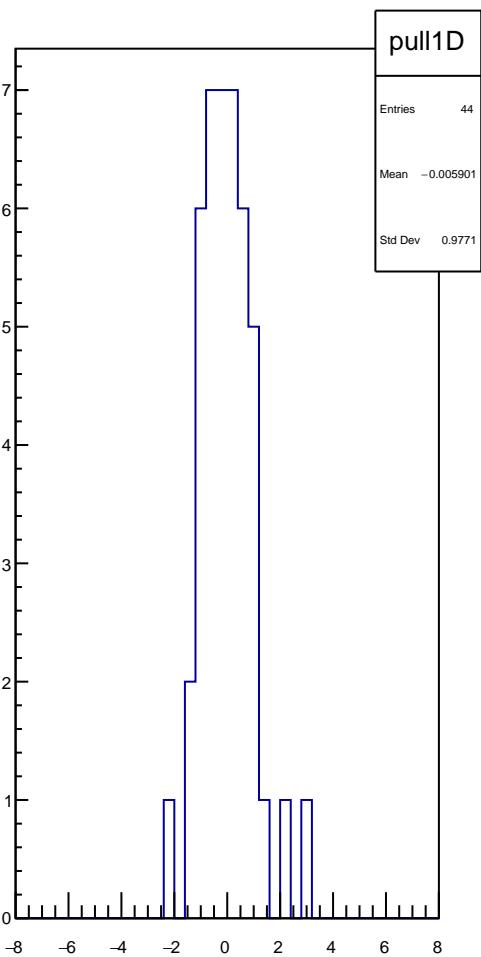
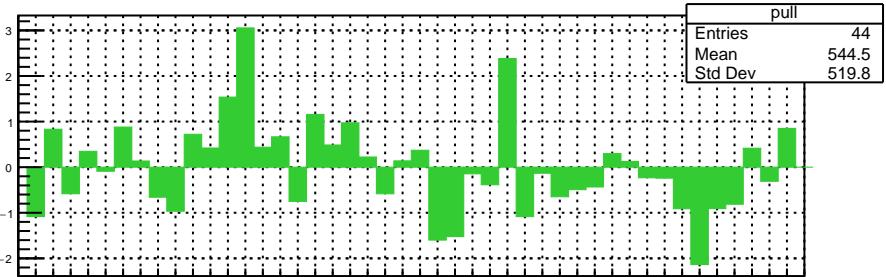
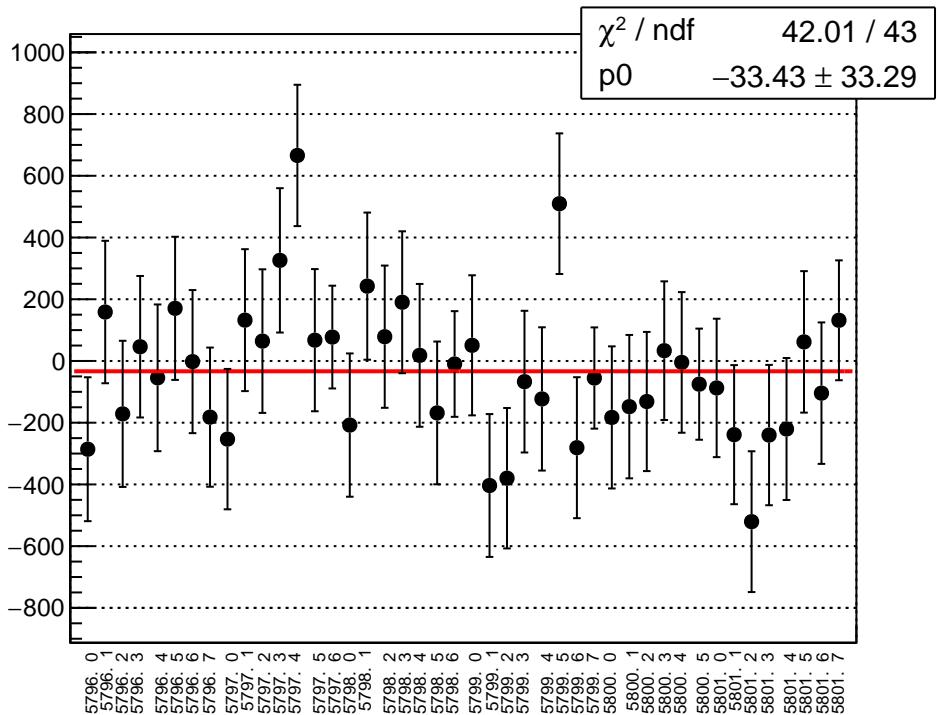




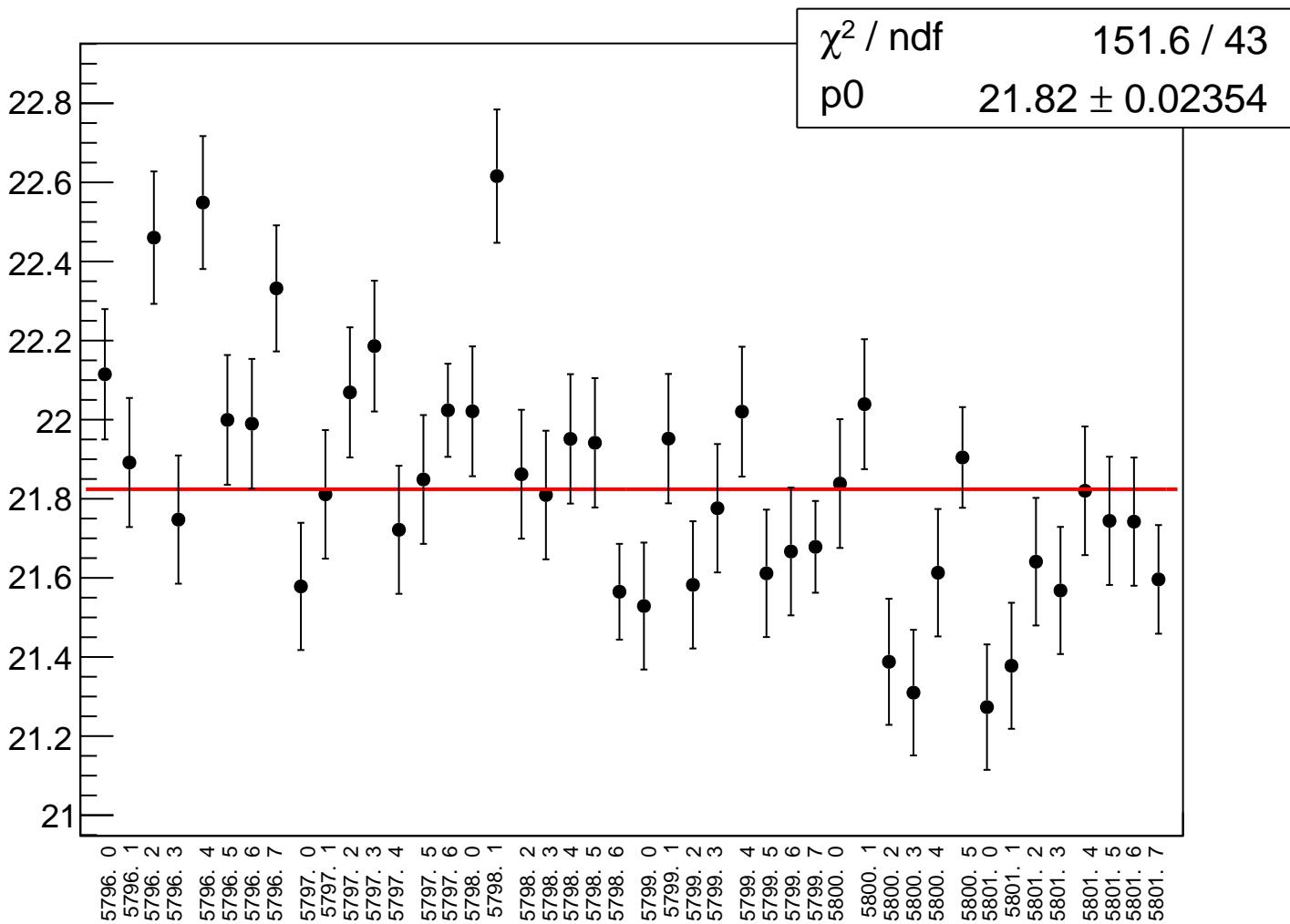
# asym\_bcm\_an\_us\_ds3\_avg\_bcm\_dg\_ds\_agg\_dd\_rms vs run



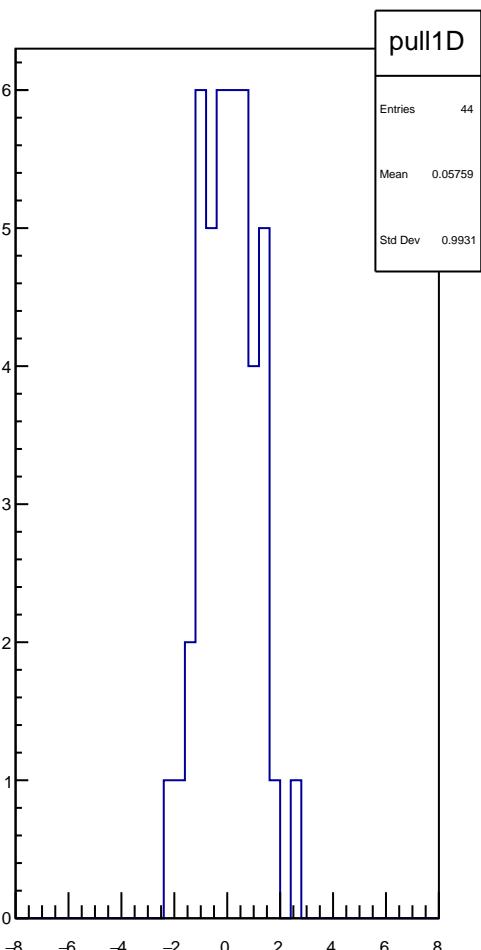
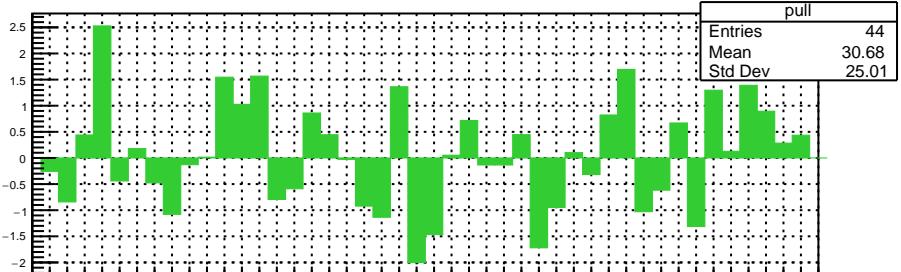
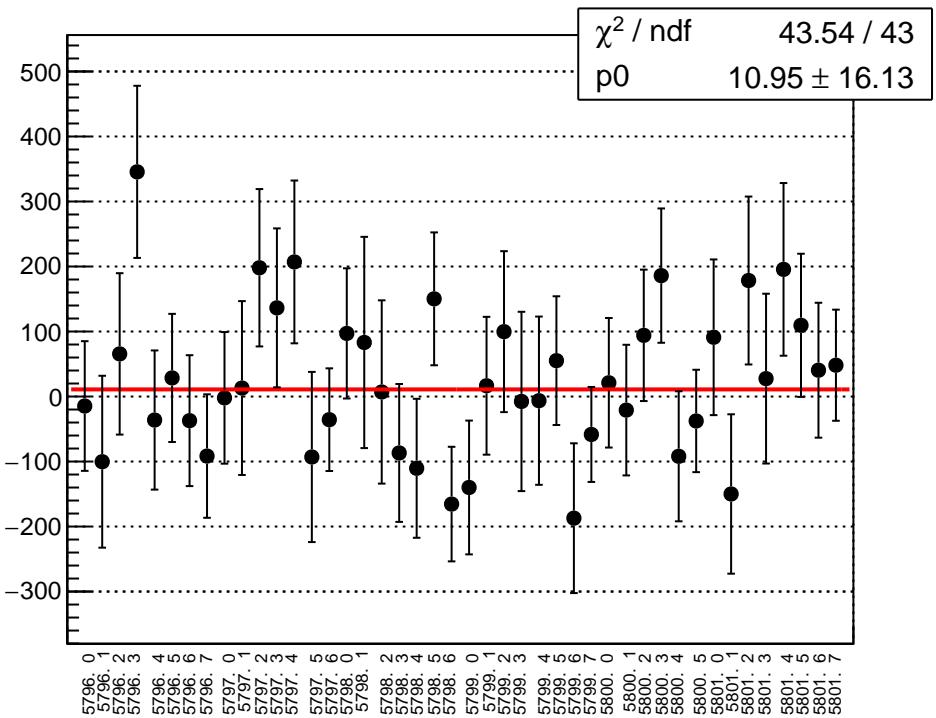
asym\_bcm\_an\_us\_ds3\_avg\_bcm\_dg\_us\_agg\_dd\_mean vs run



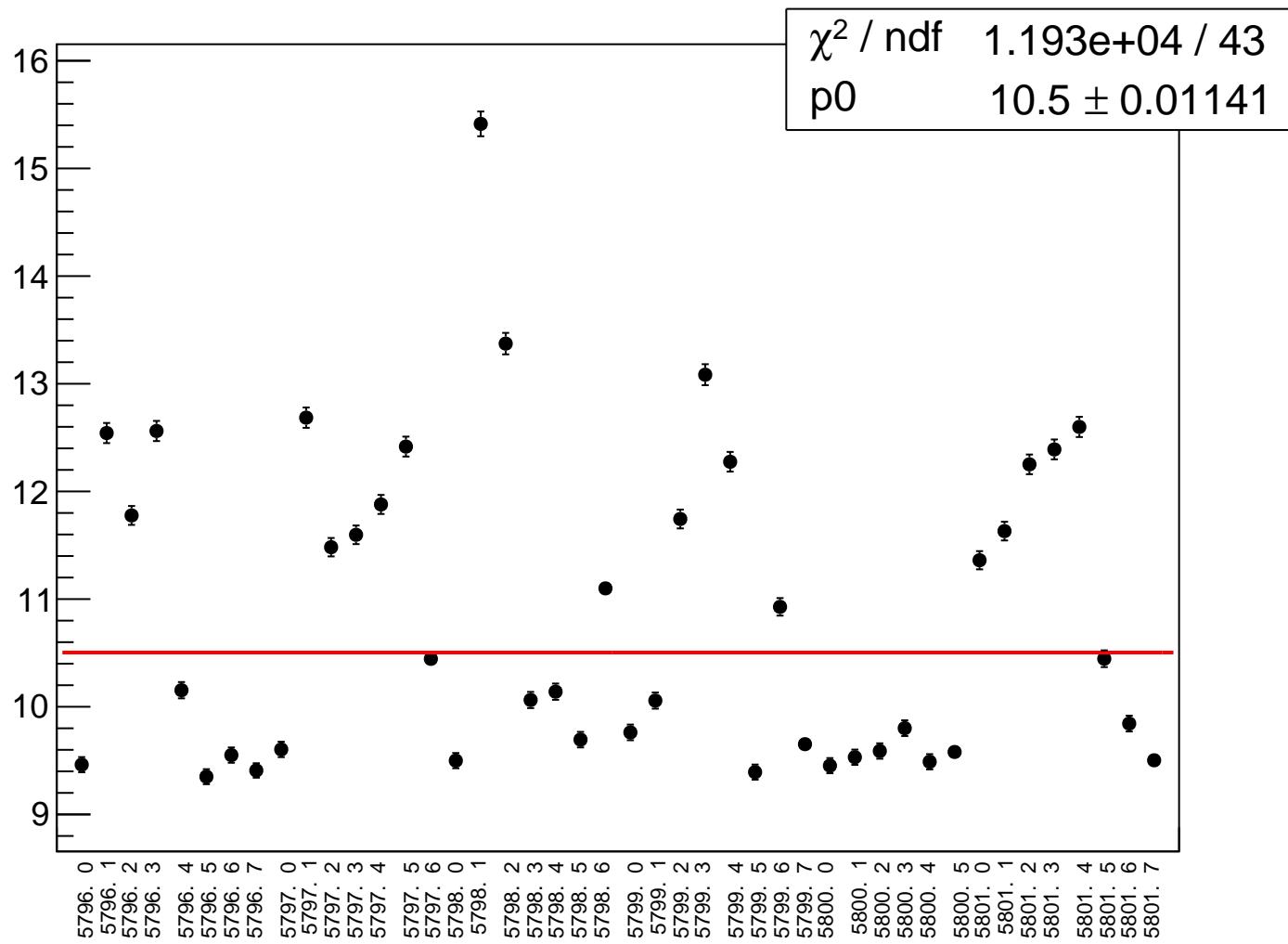
# asym\_bcm\_an\_us\_ds3\_avg\_bcm\_dg\_us\_agg\_dd\_rms vs run



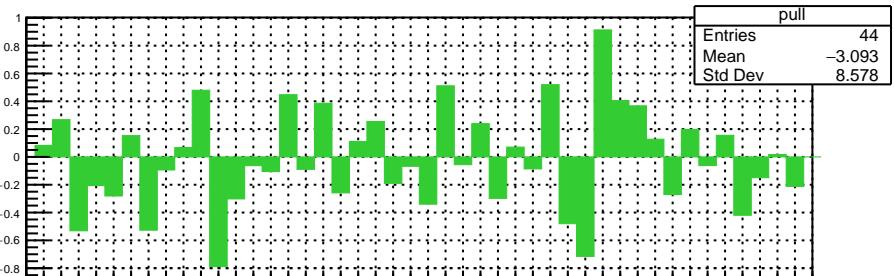
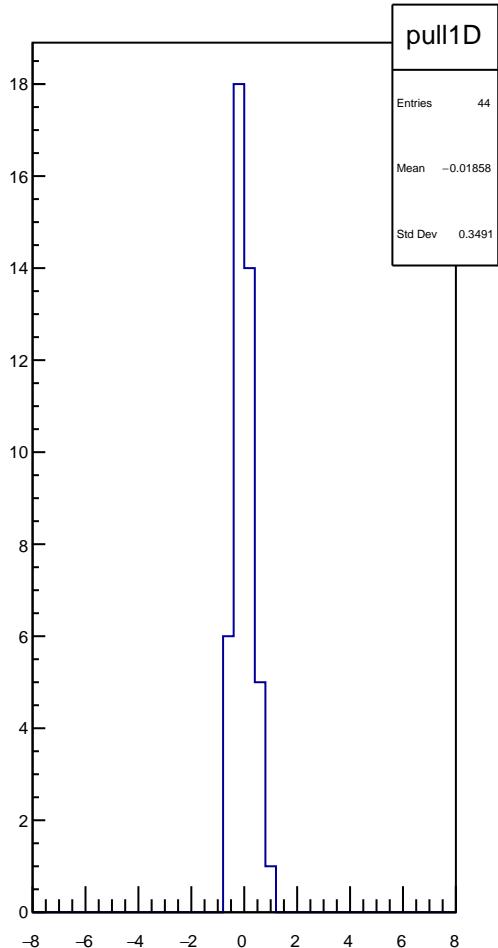
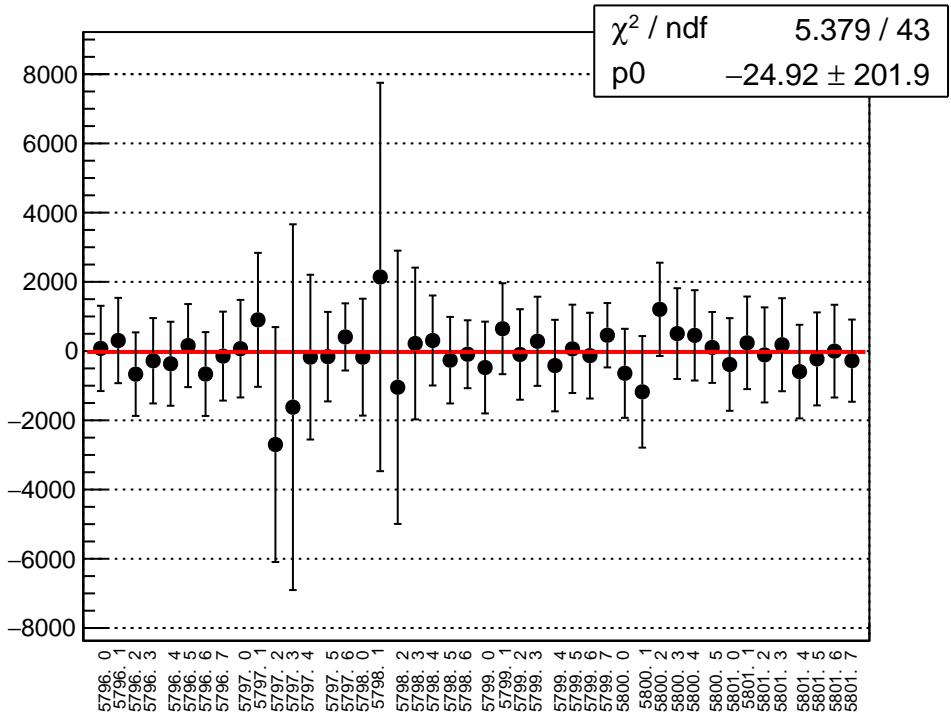
### asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_dd\_mean vs run



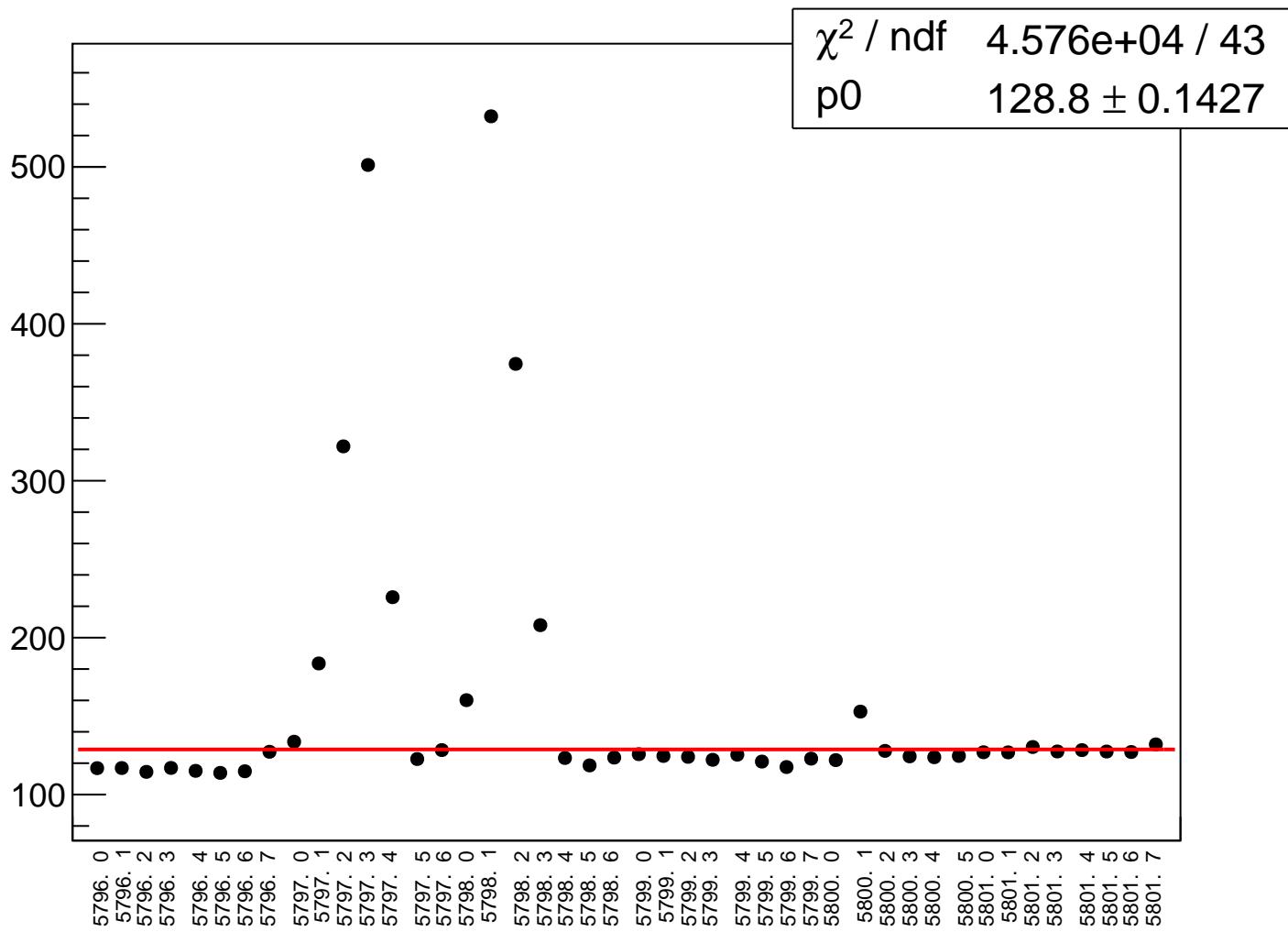
# asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_dd\_rms vs run



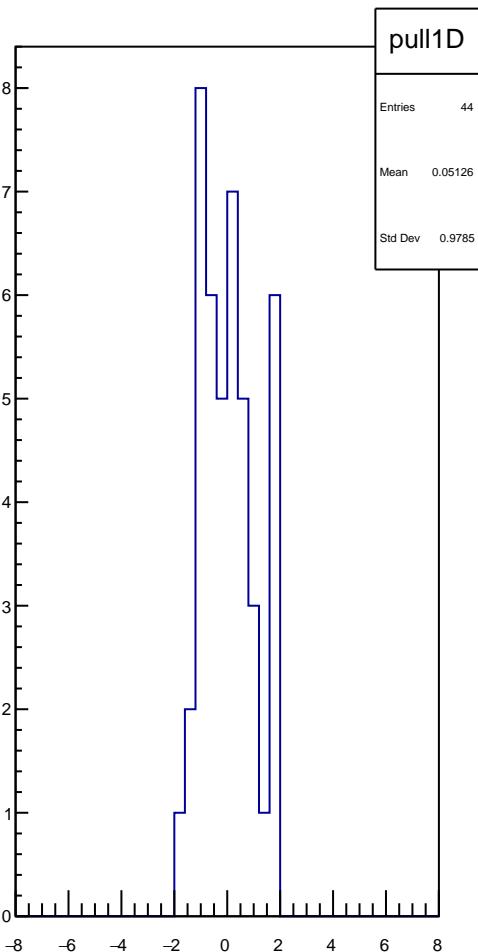
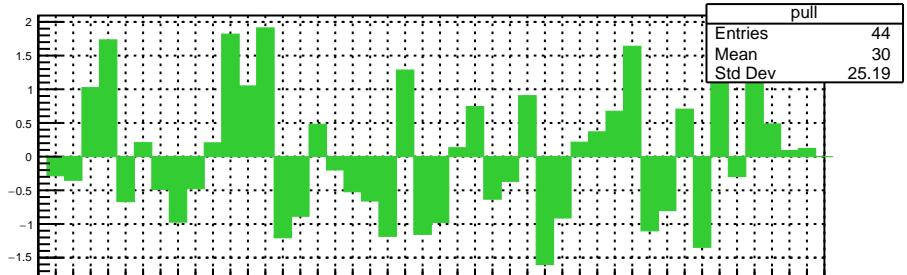
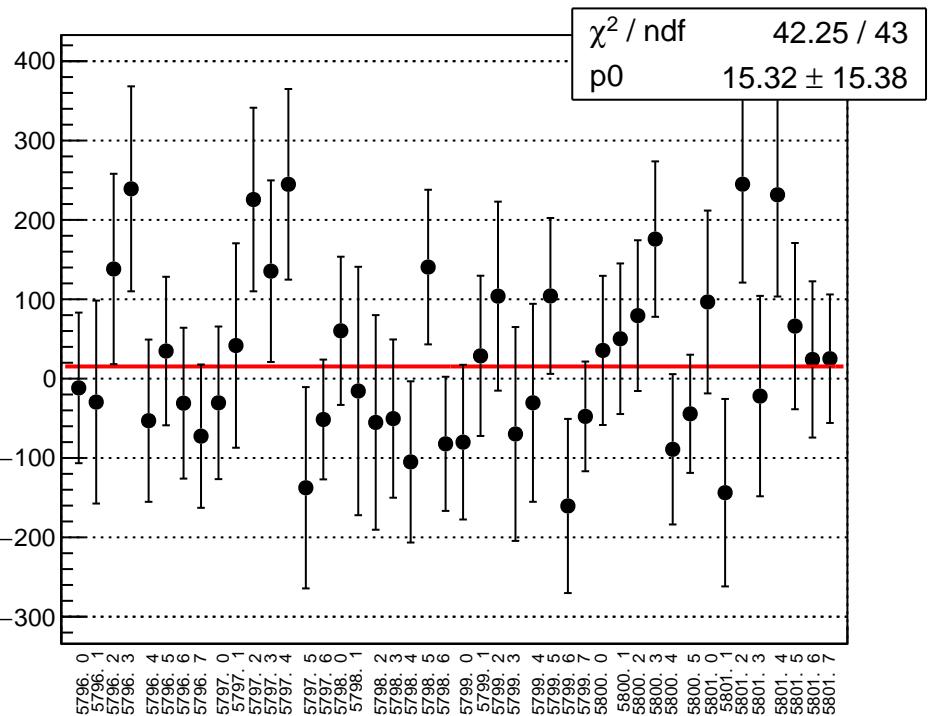
# asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_avg\_mean vs run



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

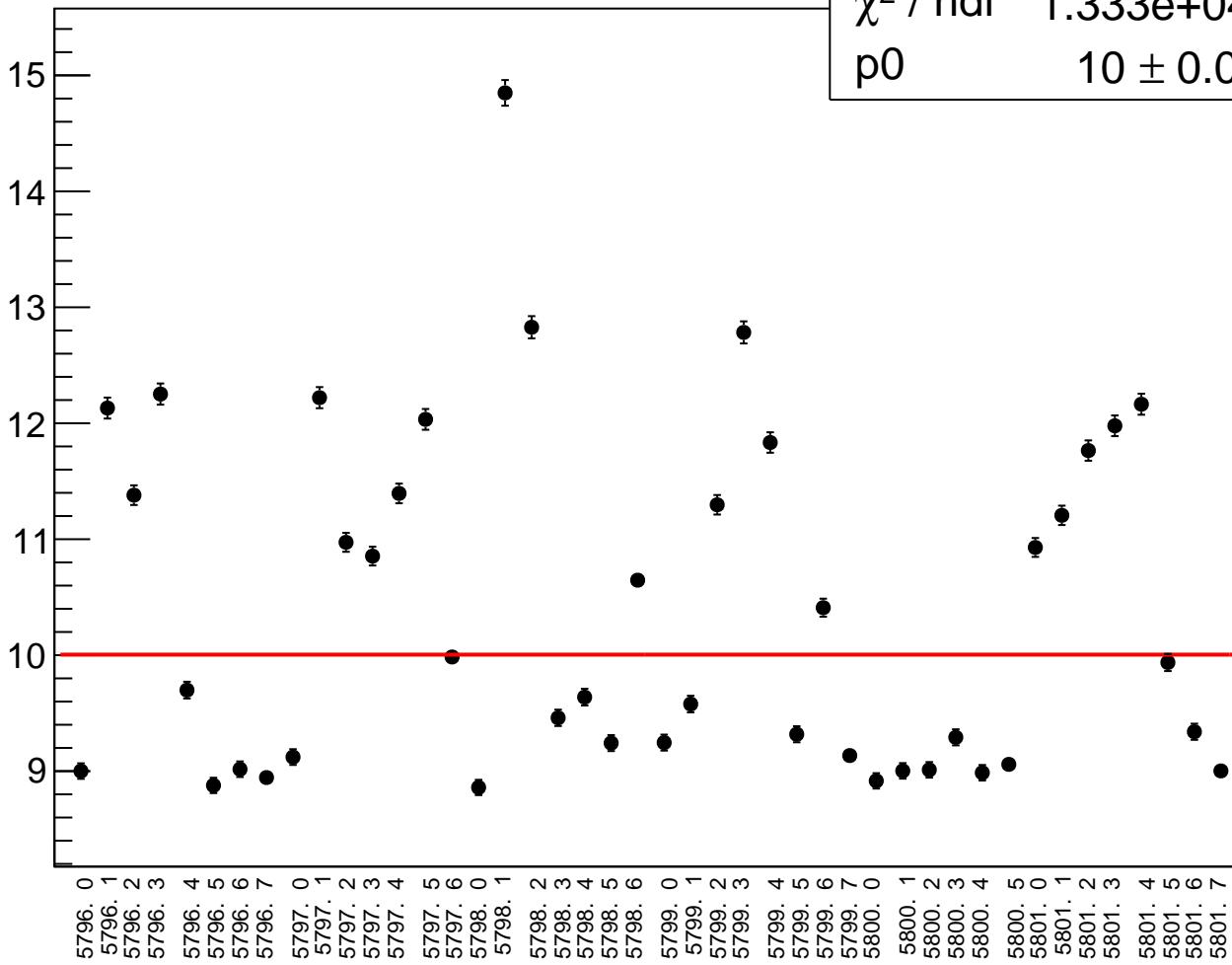


asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_dd\_mean vs run

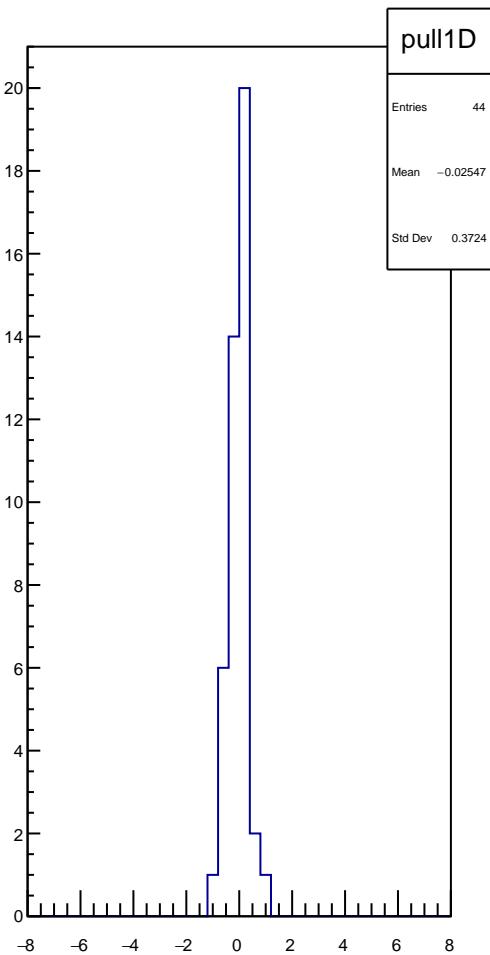
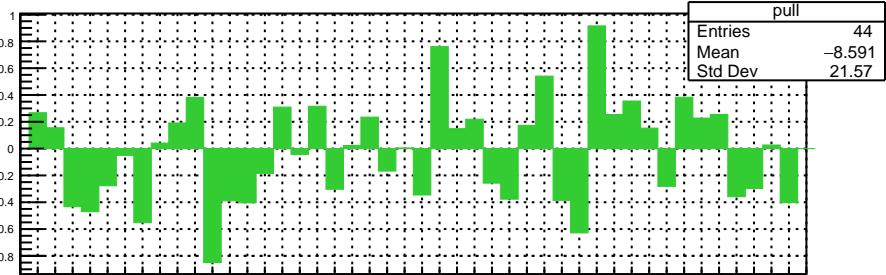
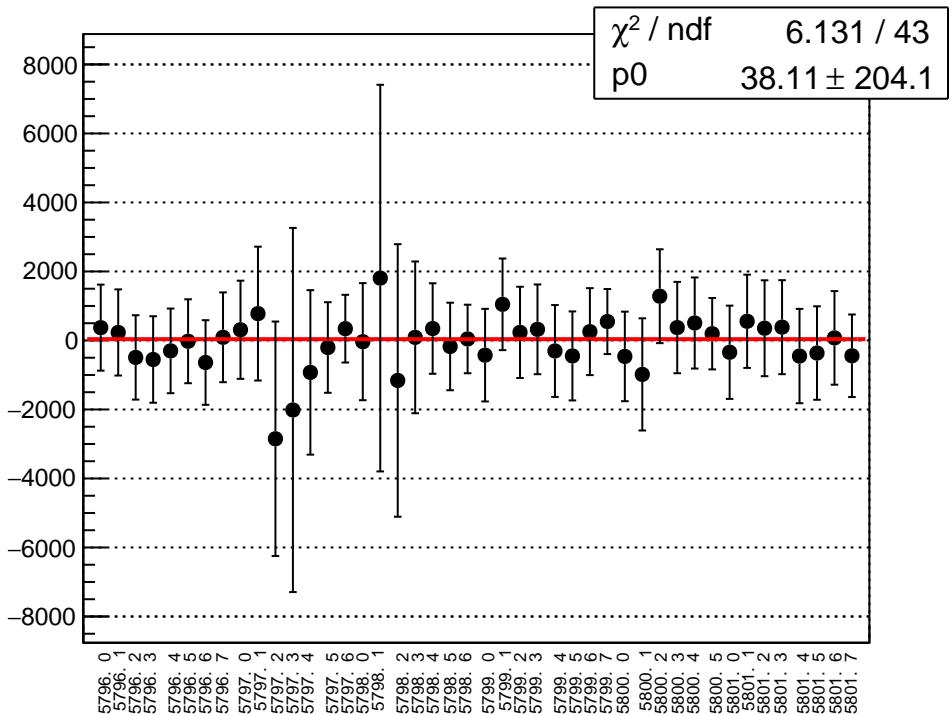


# asym\_bcm\_an\_us\_bcm\_an\_ds3\_agg\_dd\_rms vs run

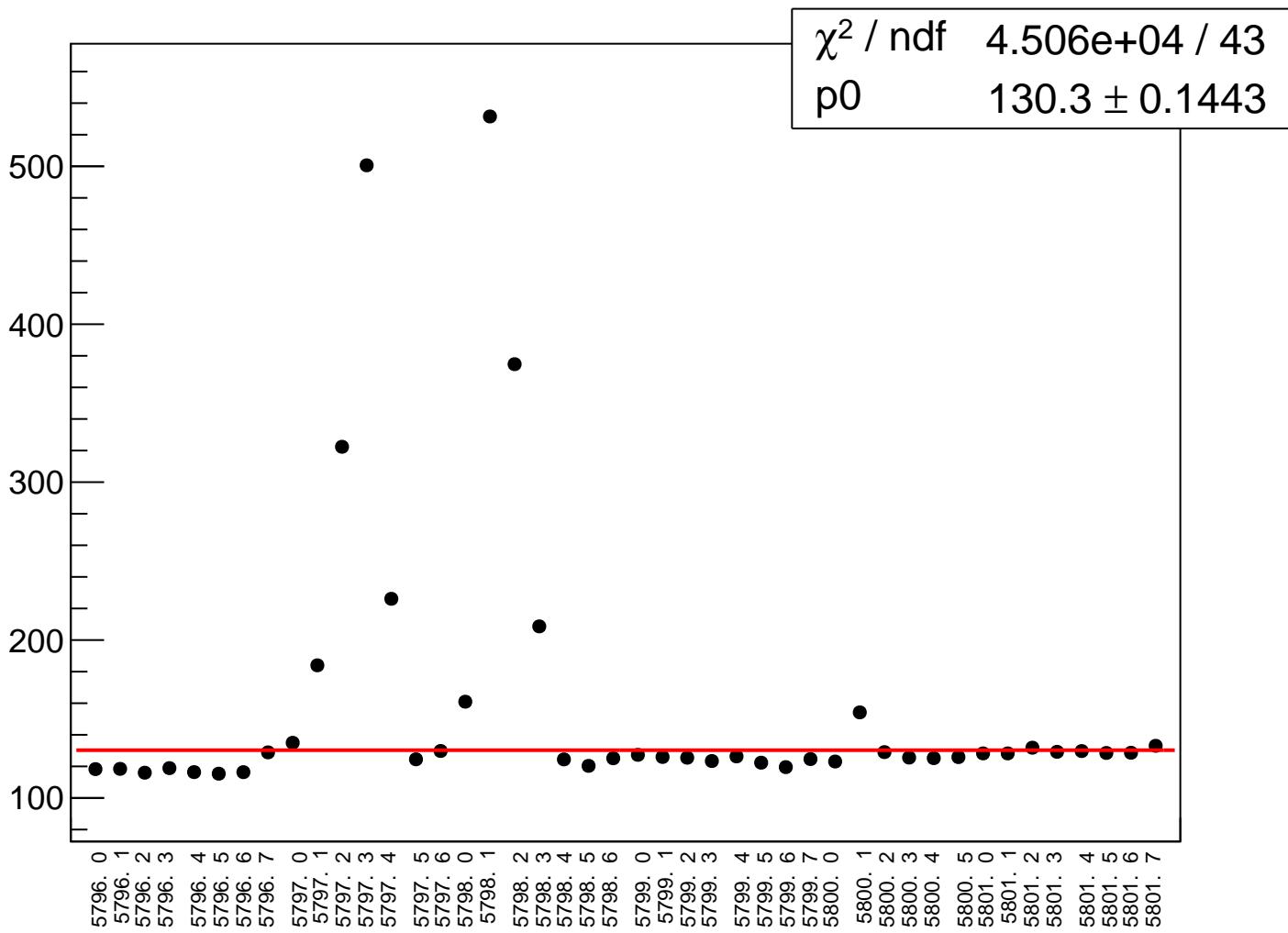
$\chi^2 / \text{ndf}$  1.333e+04 / 43  
p0  $10 \pm 0.01088$



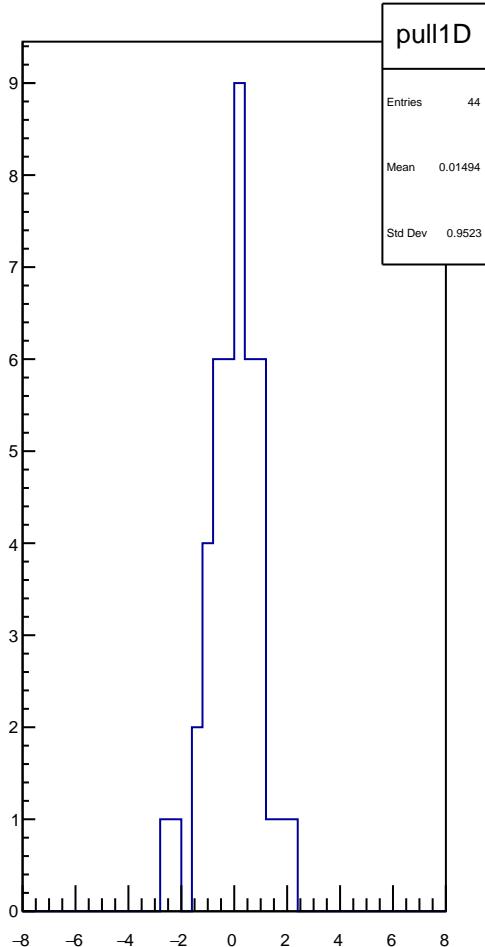
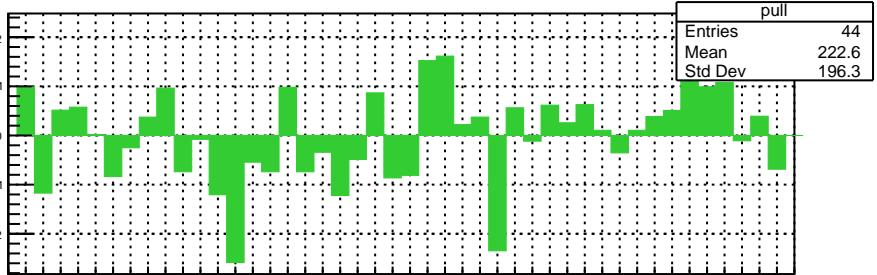
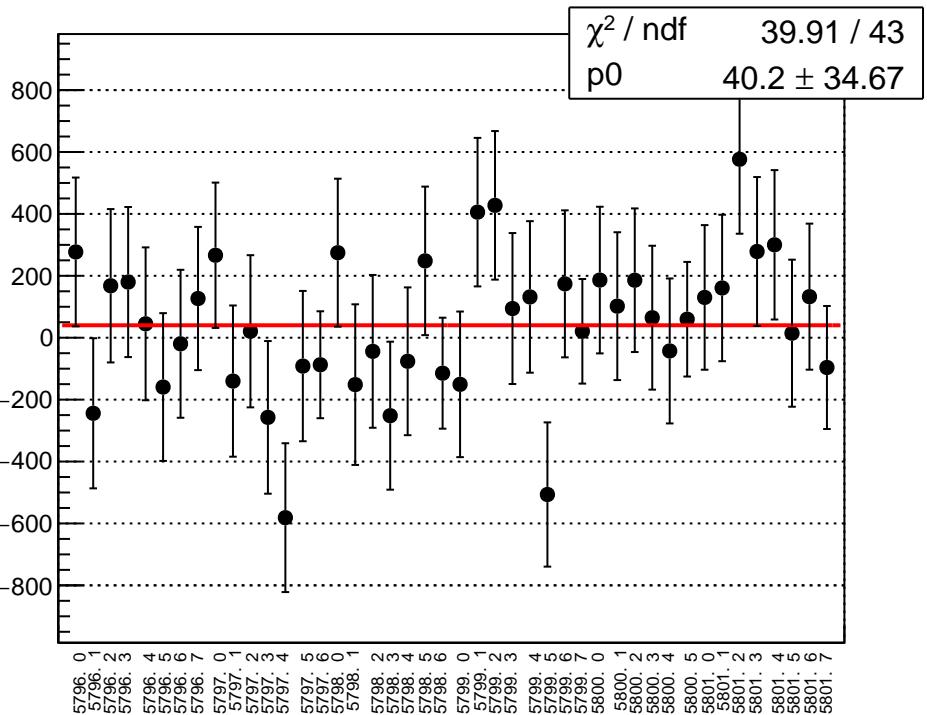
asym\_bcm\_dg\_us\_bcm\_an\_ds\_agg\_avg\_mean vs run



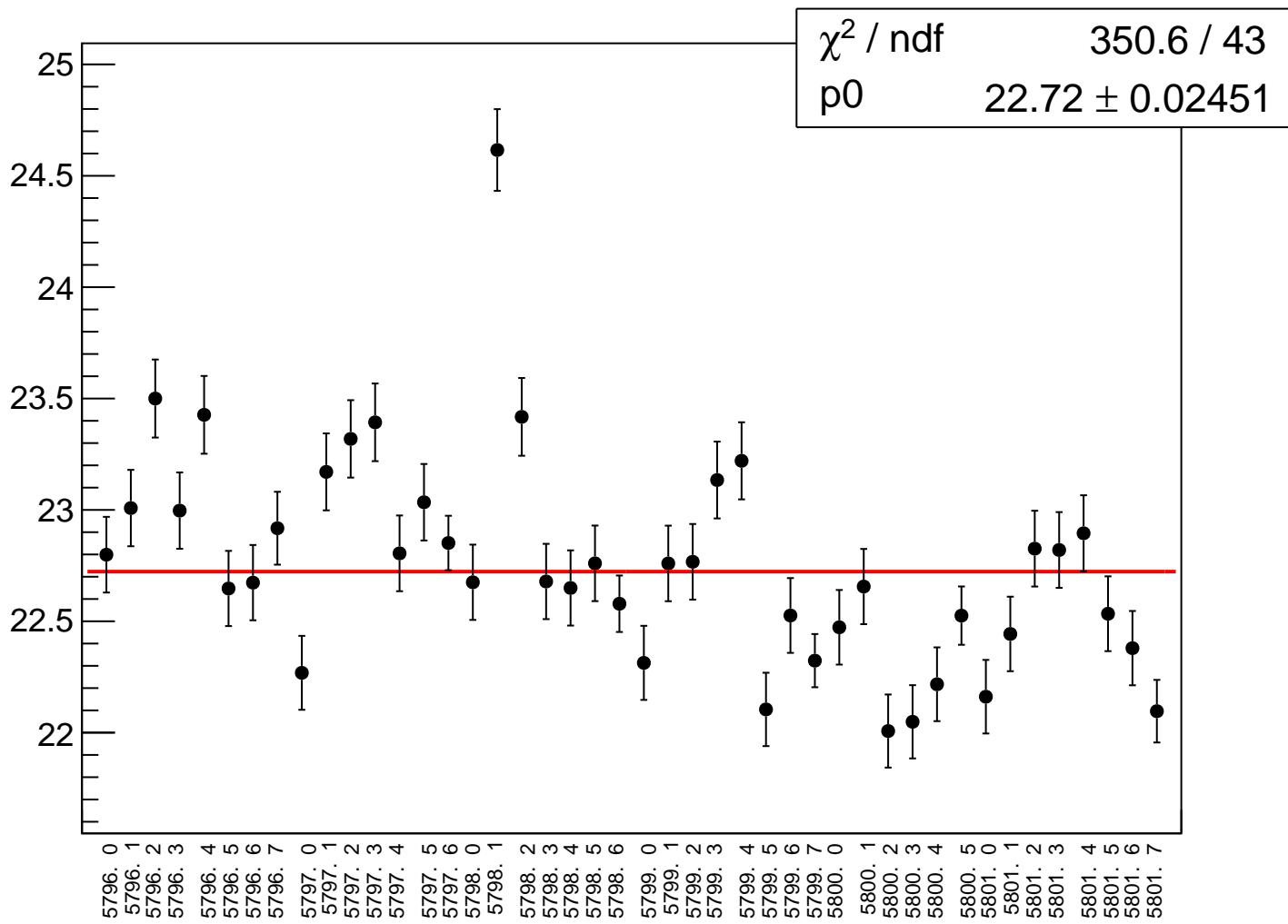
# asym\_bcm\_dg\_us\_bcm\_an\_ds\_agg\_avg\_rms vs run



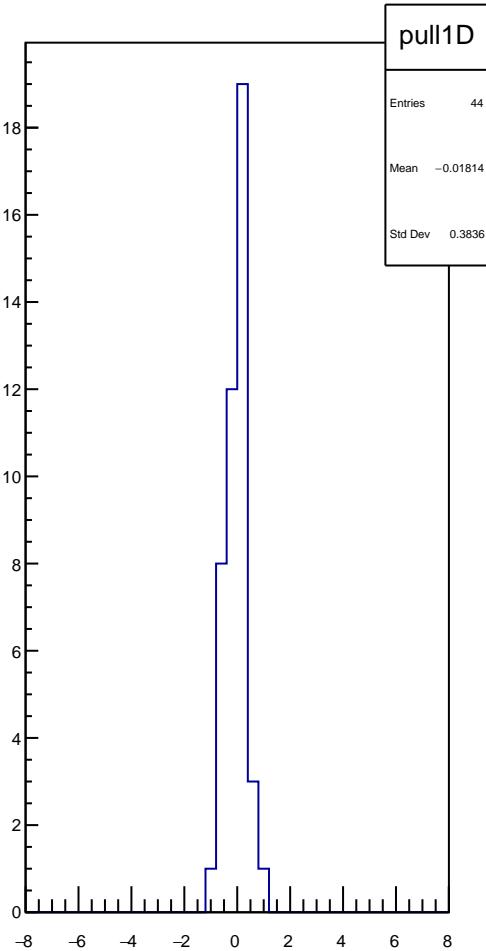
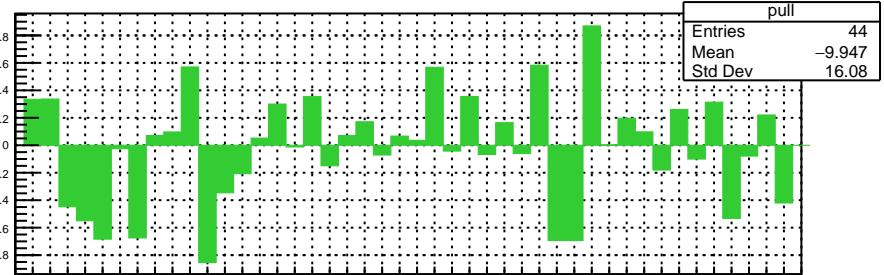
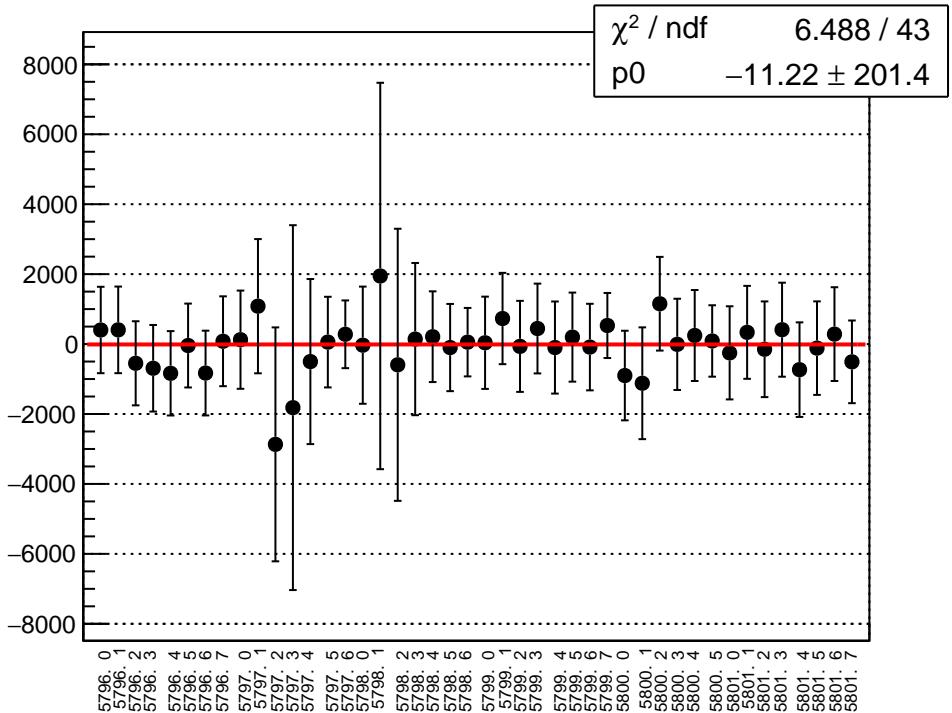
# asym\_bcm\_dg\_us\_bcm\_an\_ds\_agg\_dd\_mean vs run



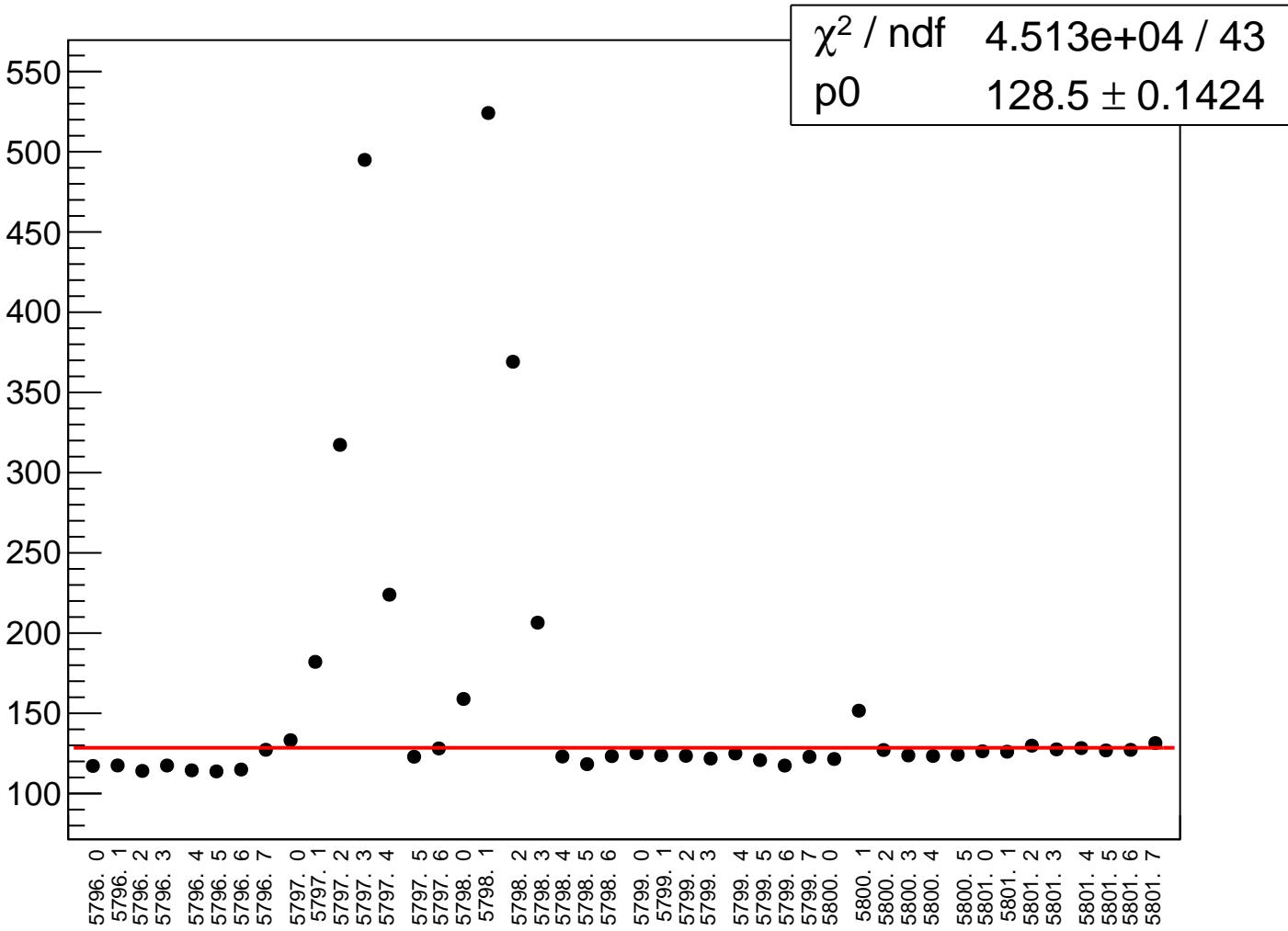
# asym\_bcm\_dg\_us\_bcm\_an\_ds\_agg\_dd\_rms vs run



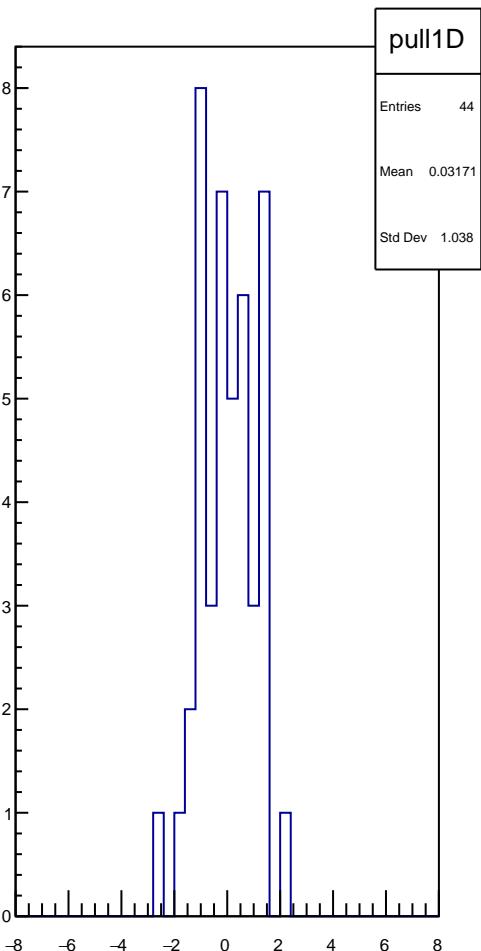
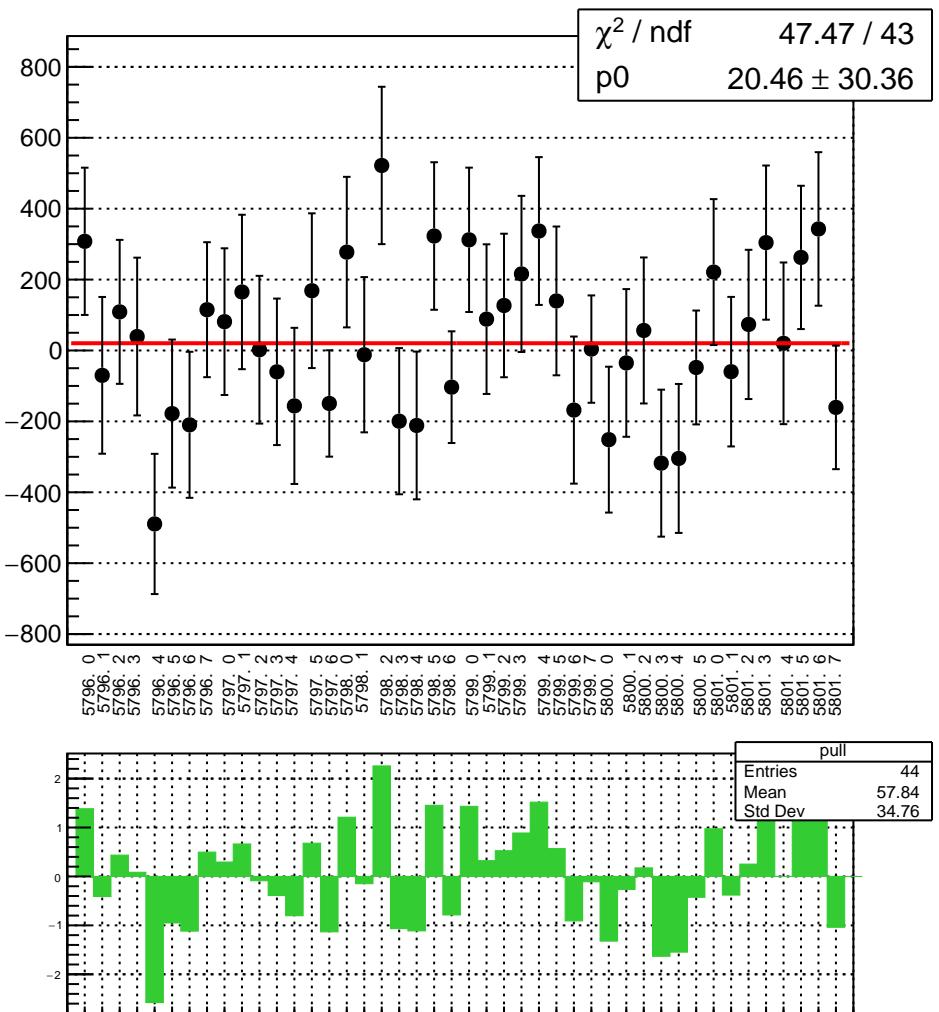
# asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_avg\_mean vs run



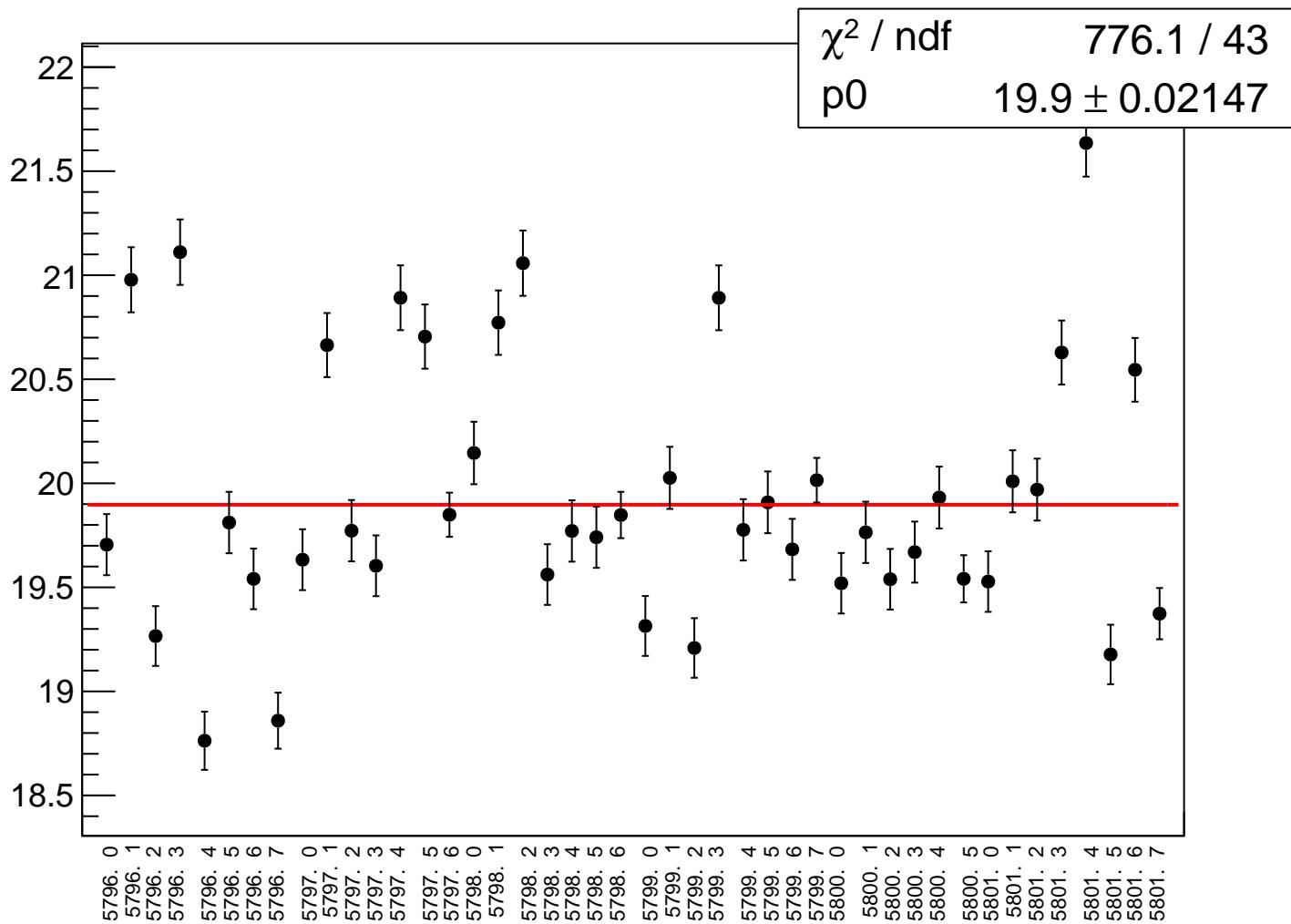
# asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_avg\_rms vs run



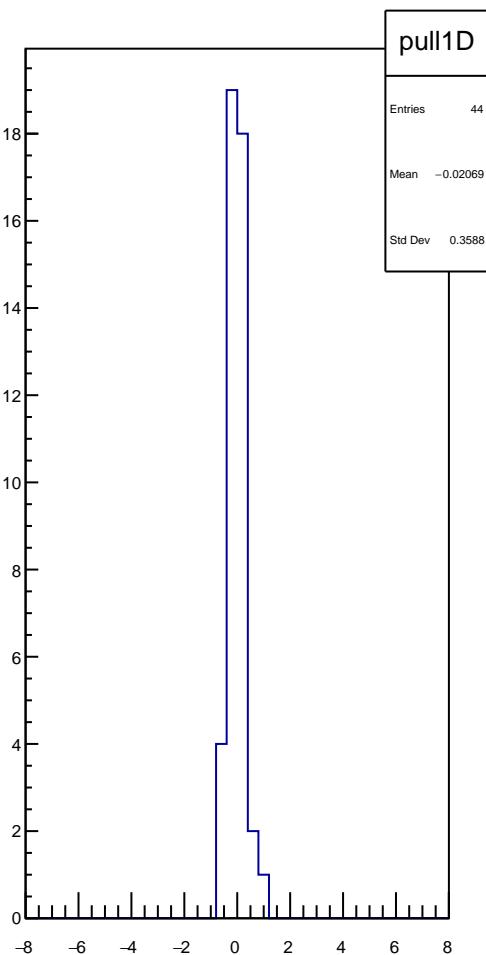
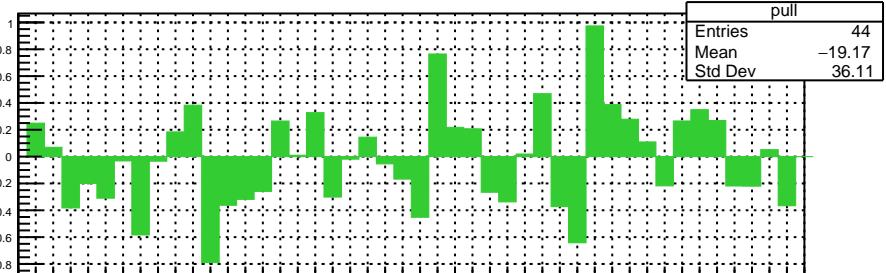
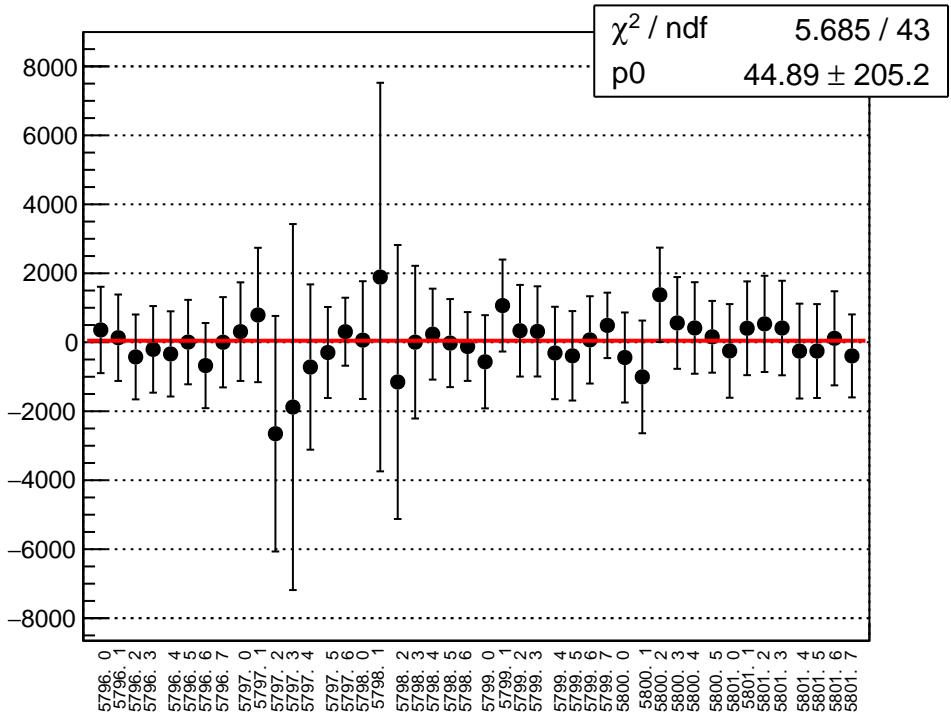
# asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_dd\_mean vs run



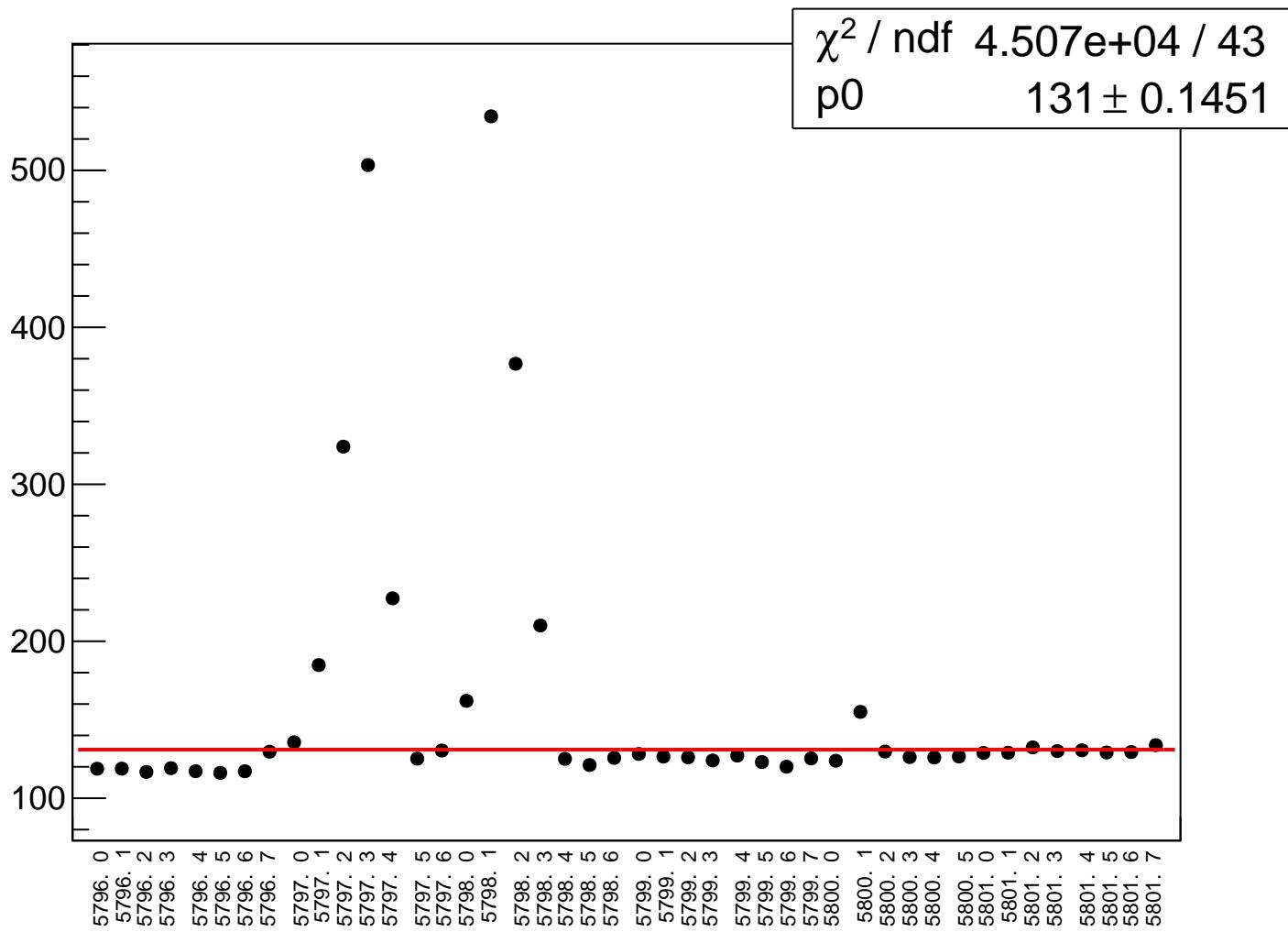
# asym\_bcm\_dg\_ds\_bcm\_an\_ds\_agg\_dd\_rms vs run



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



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



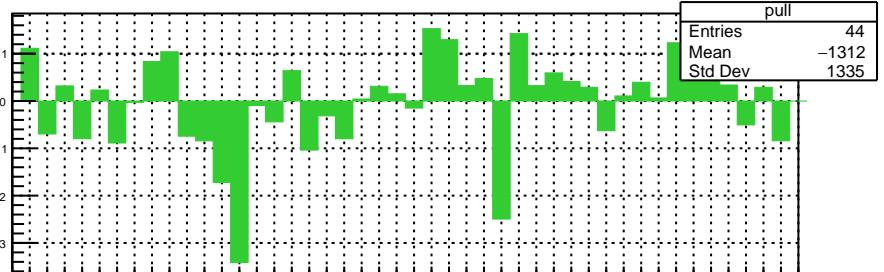
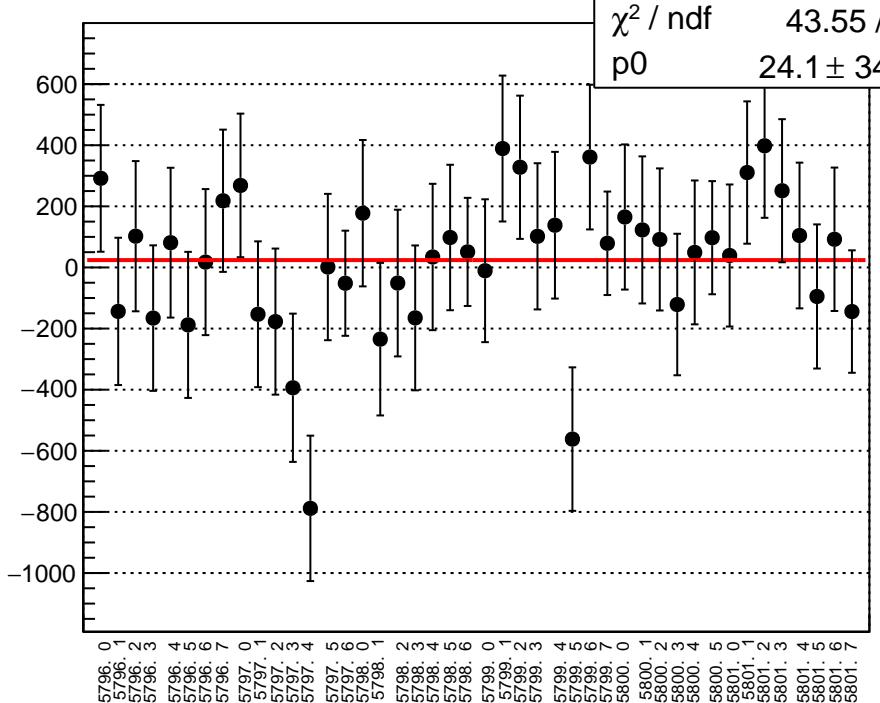
asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_dd\_mean vs run

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

43.55 / 43

p0

$24.1 \pm 34.41$

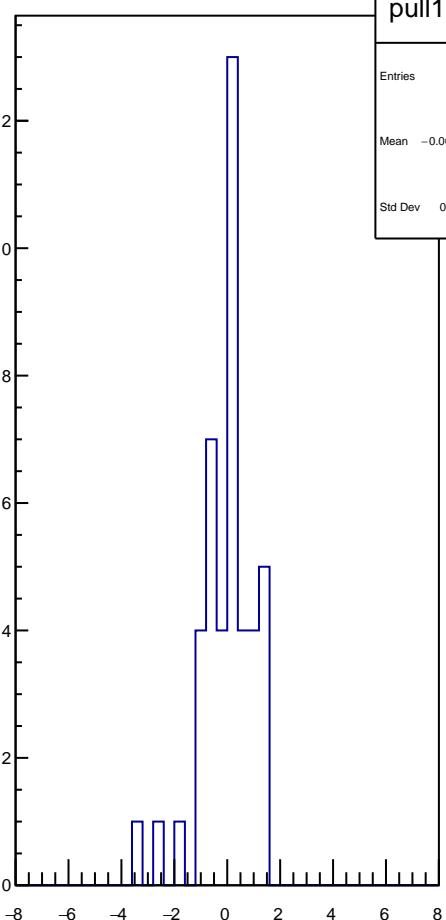


pull1D

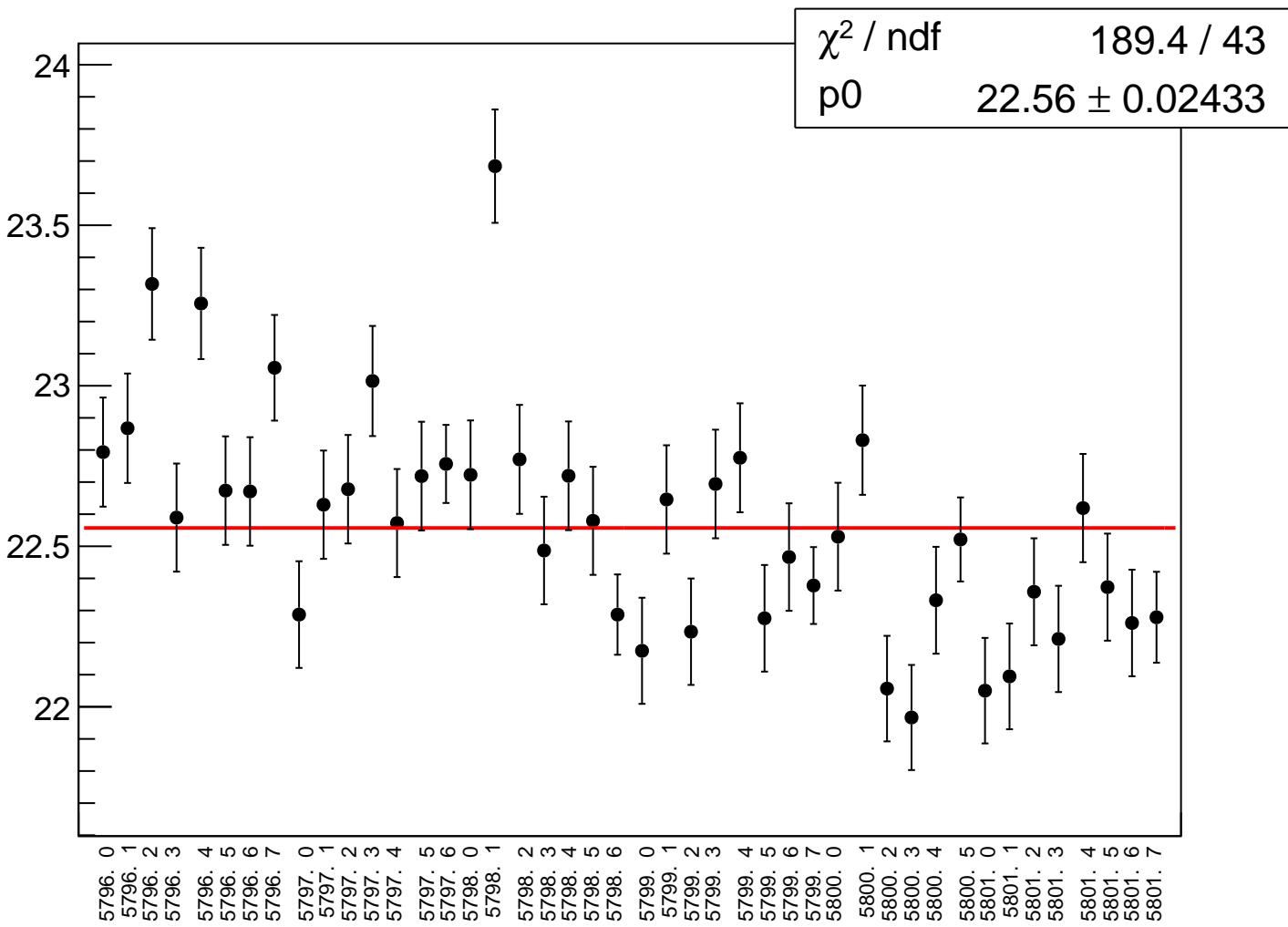
Entries 44

Mean -0.002181

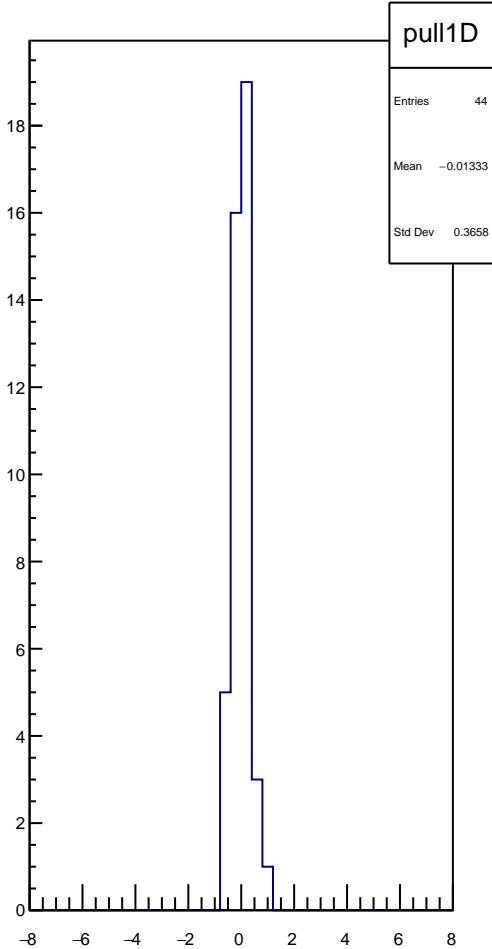
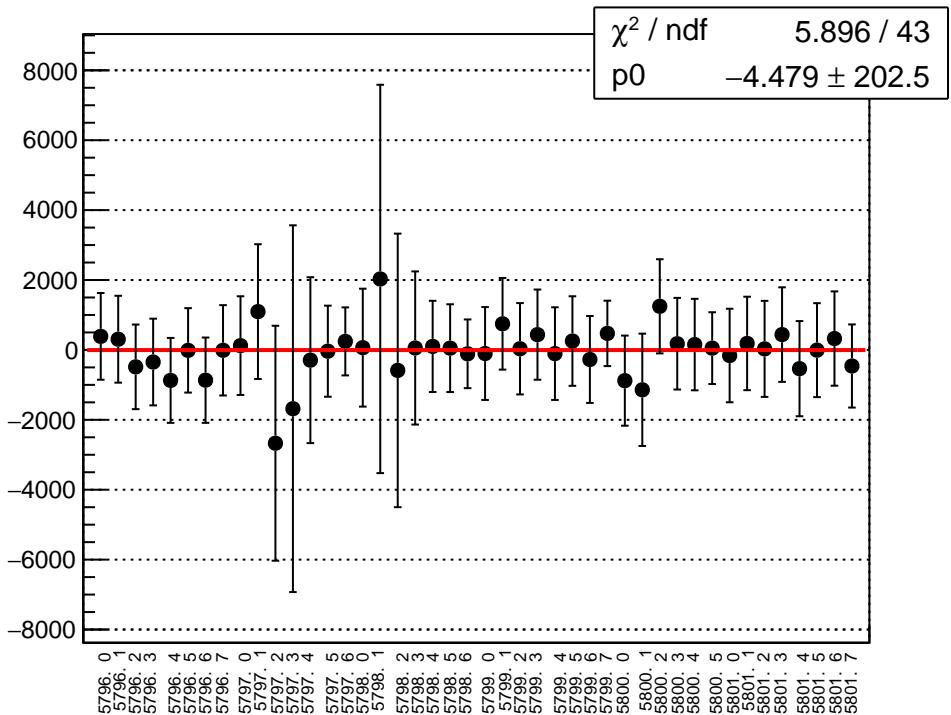
Std Dev 0.9948



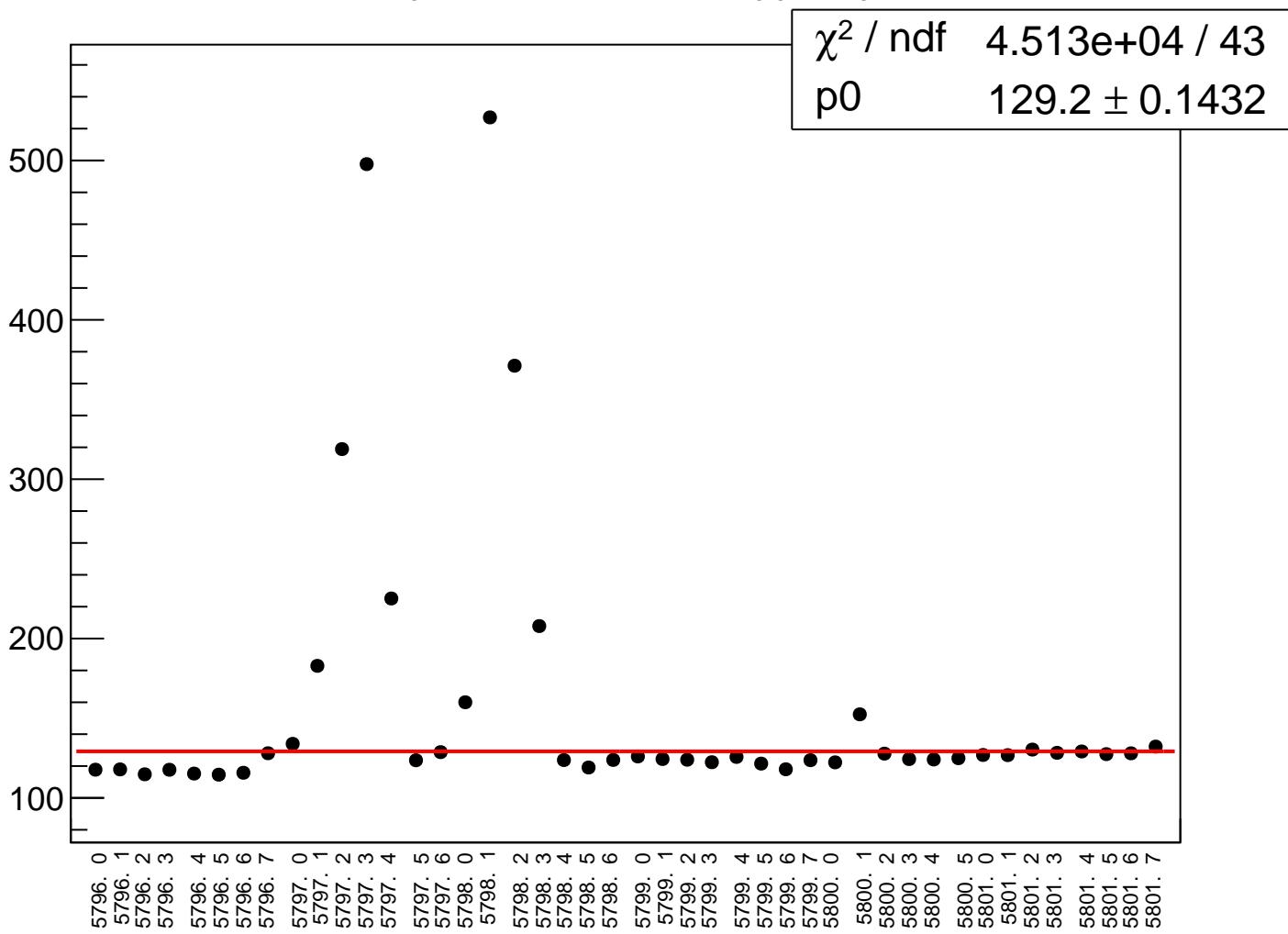
# asym\_bcm\_dg\_us\_bcm\_an\_us\_agg\_dd\_rms vs run



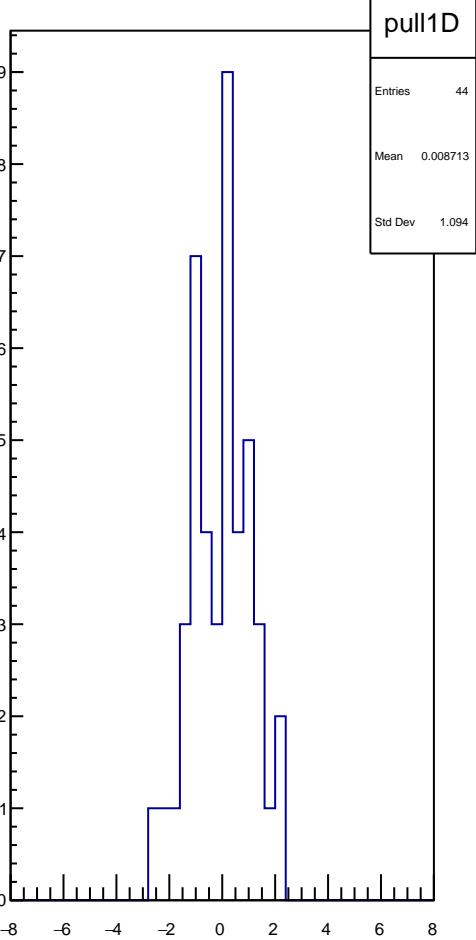
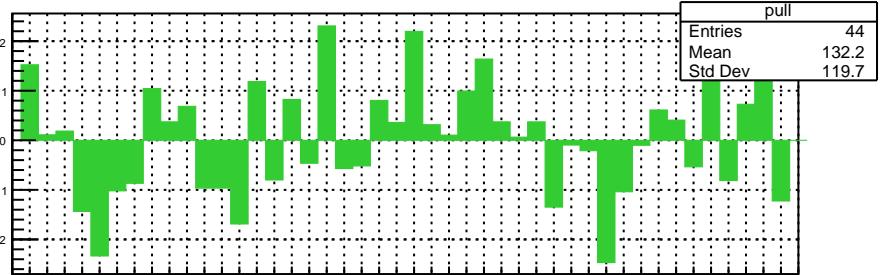
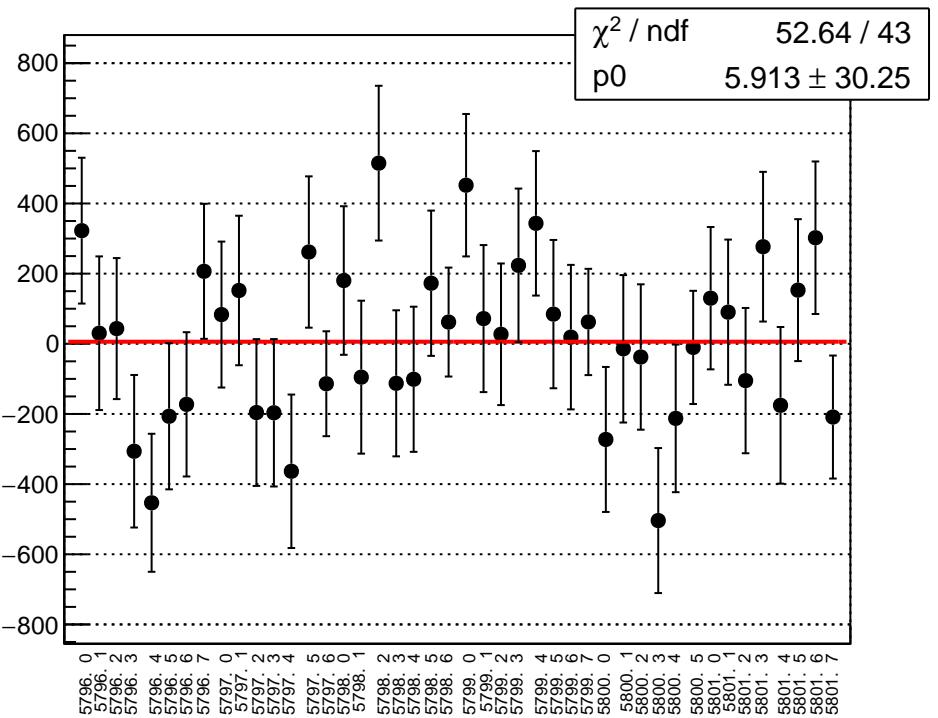
asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_avg\_mean vs run



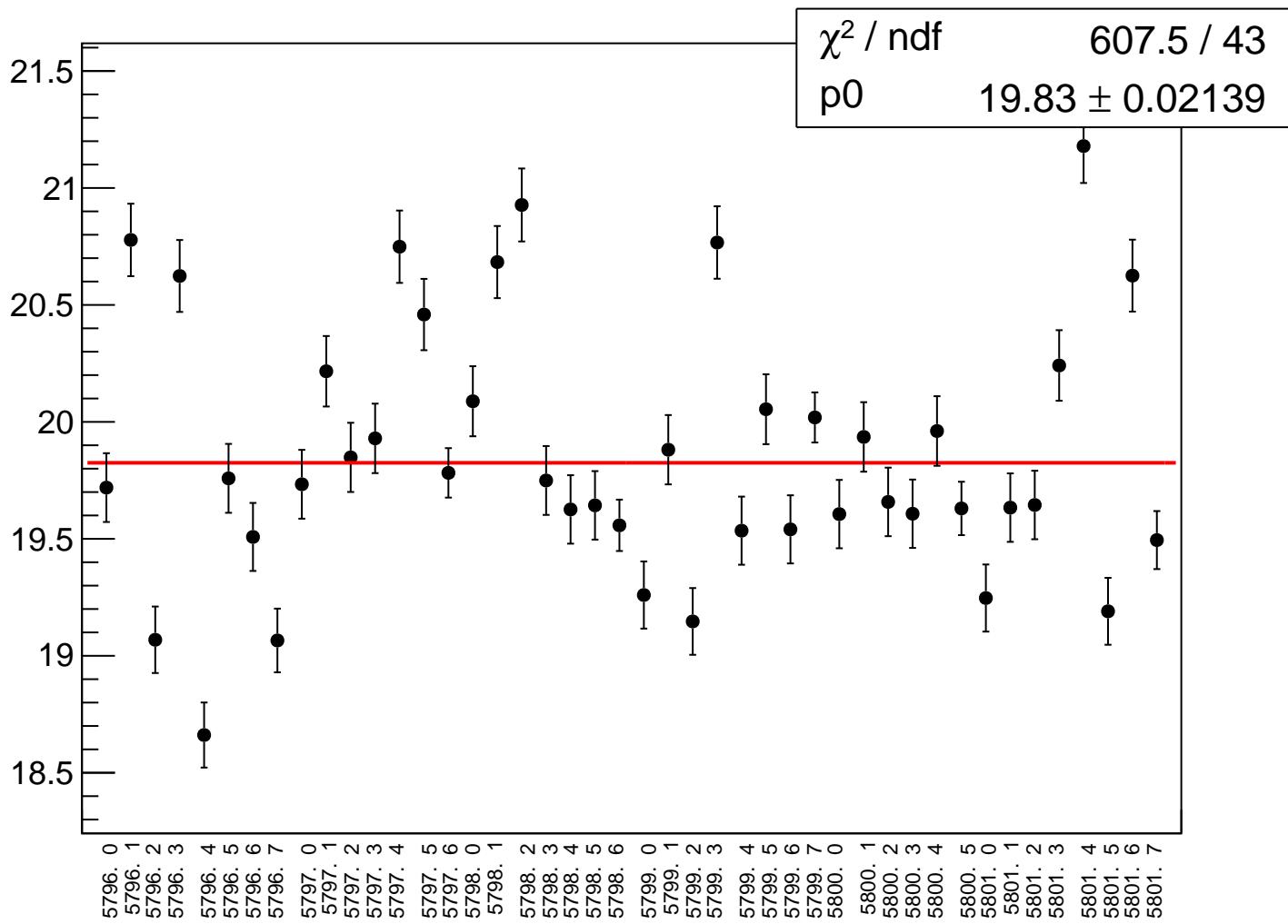
# asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_avg\_rms vs run



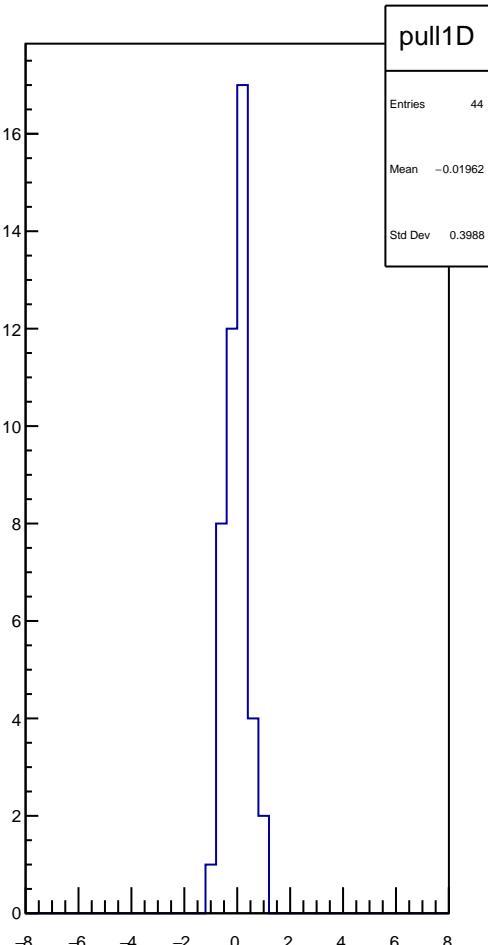
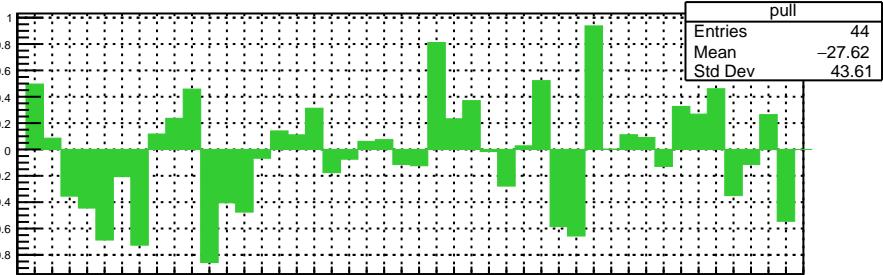
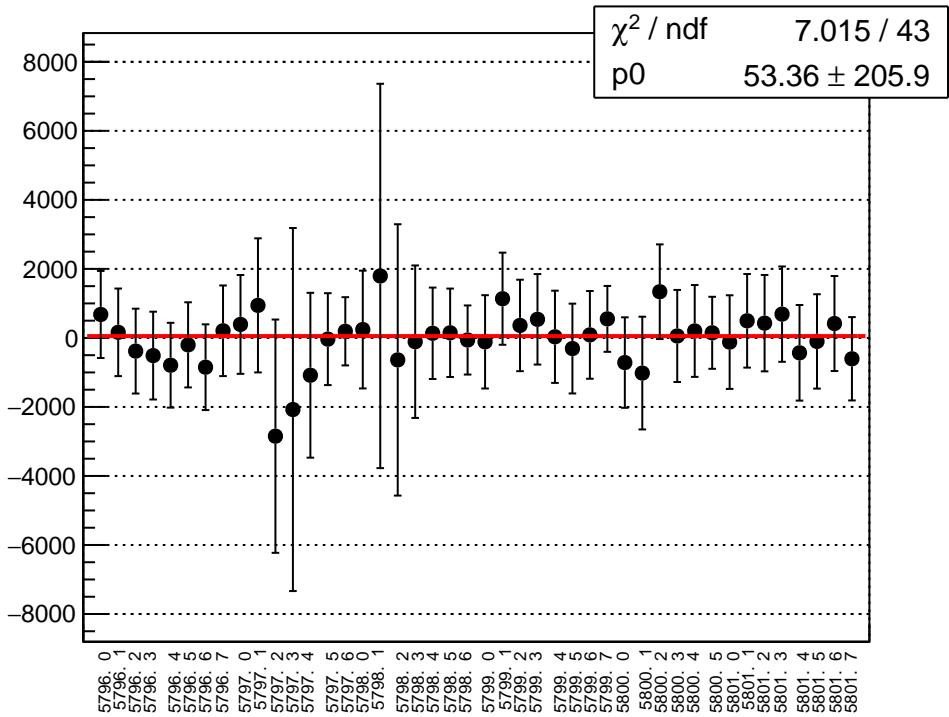
# asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_dd\_mean vs run



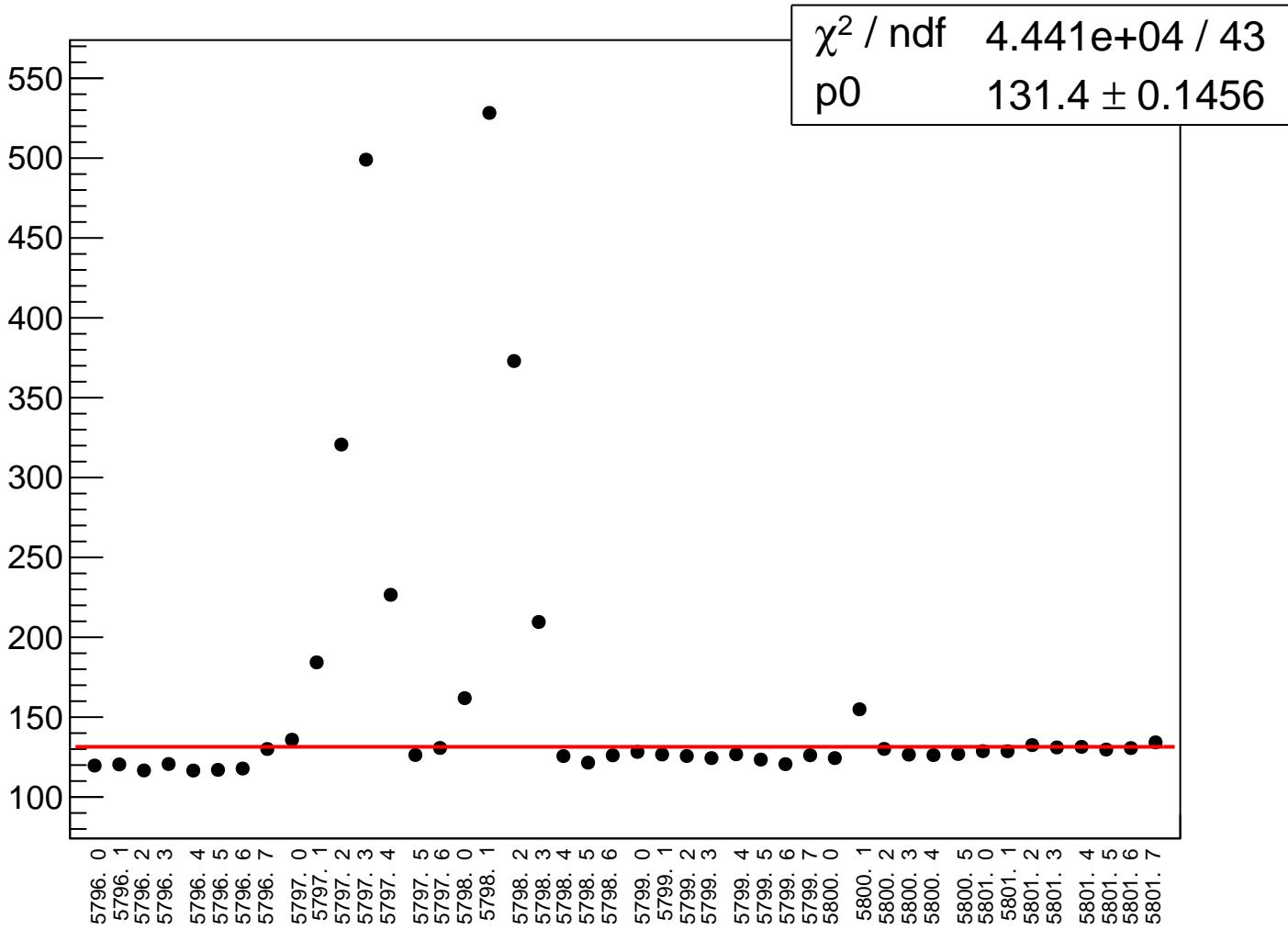
# asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_dd\_rms vs run



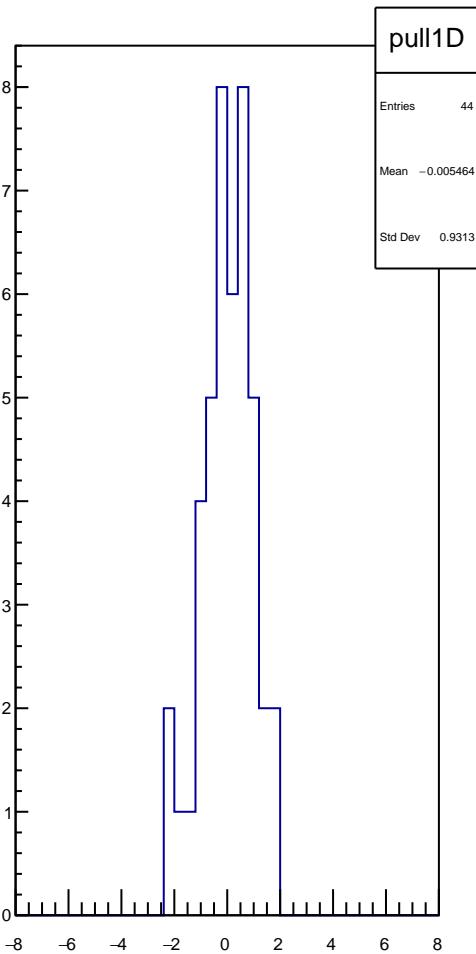
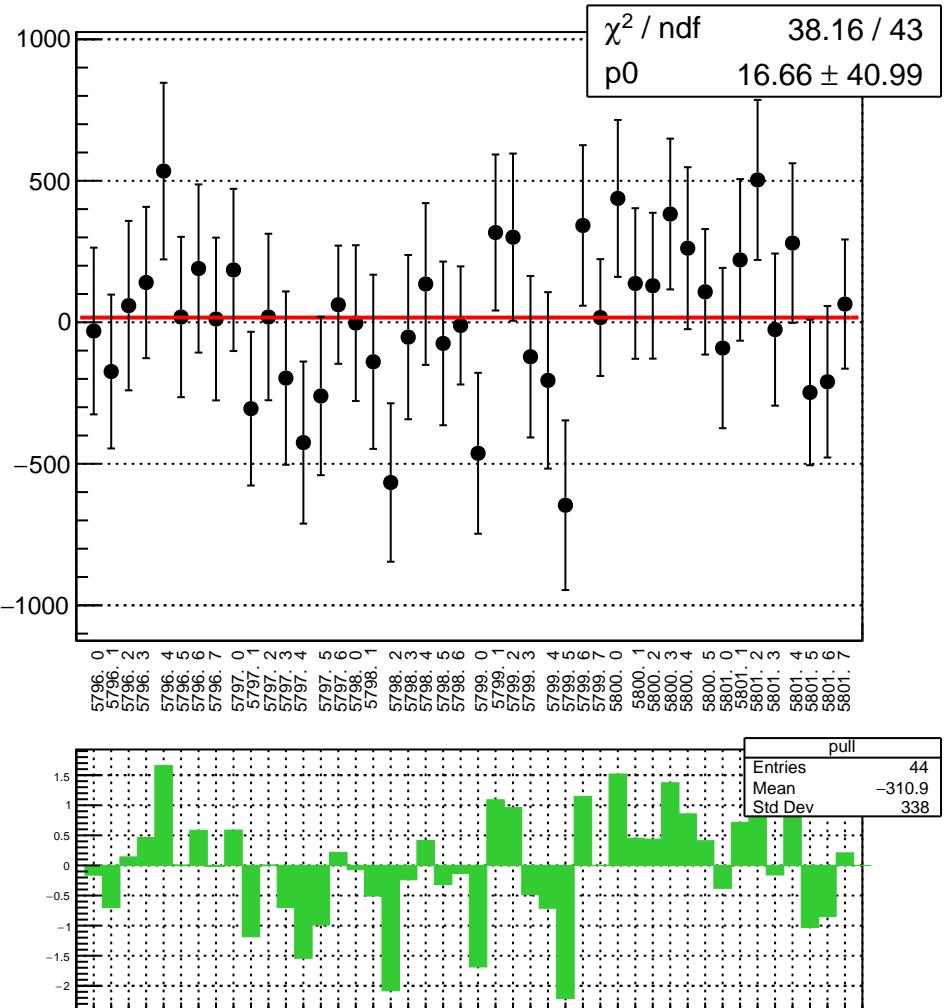
# asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_avg\_mean vs run



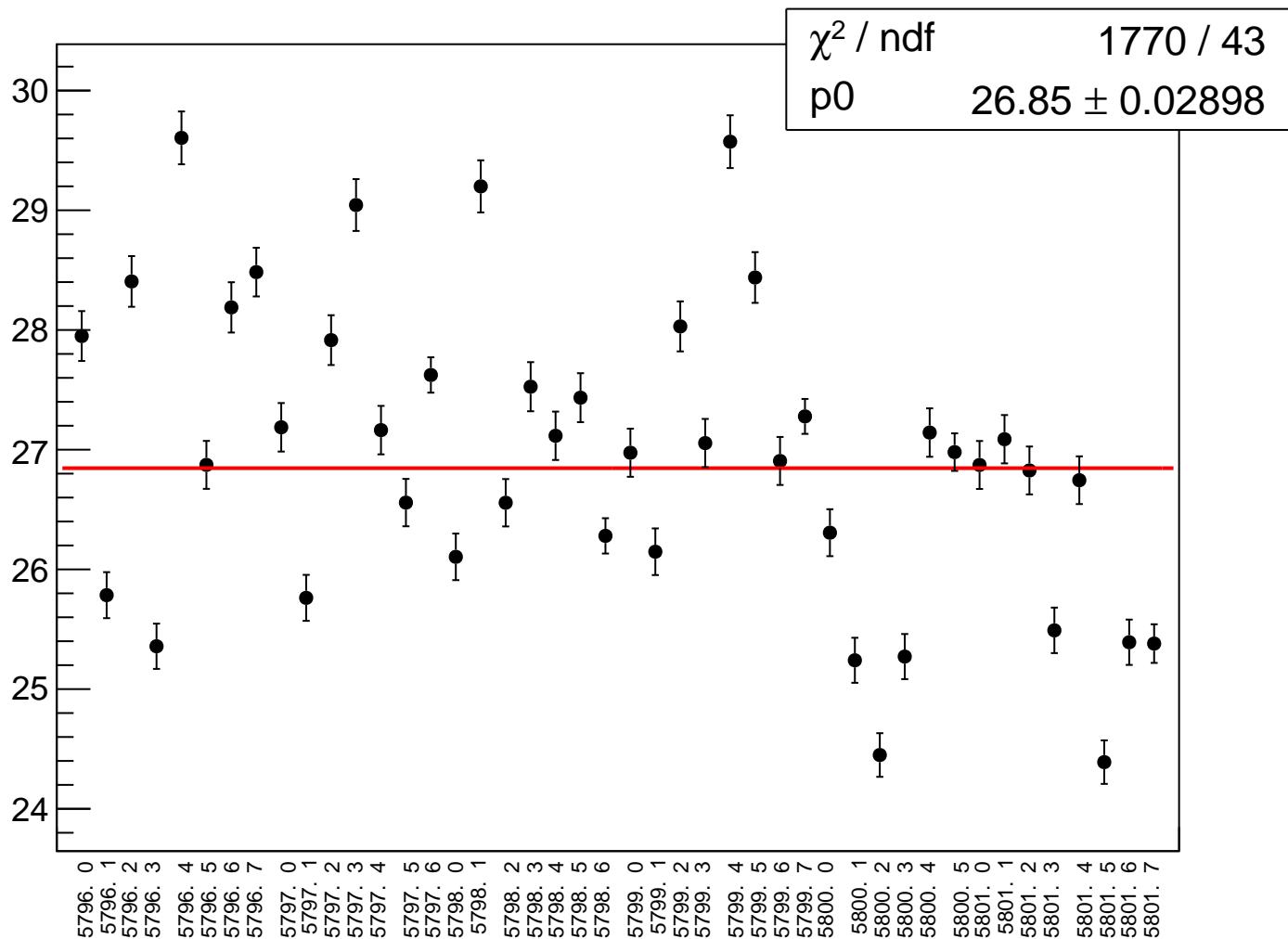
# asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_avg\_rms vs run



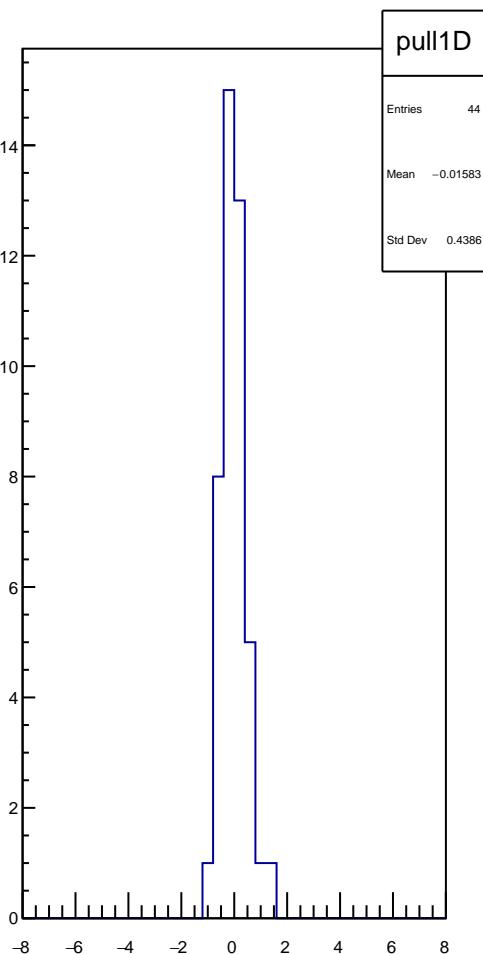
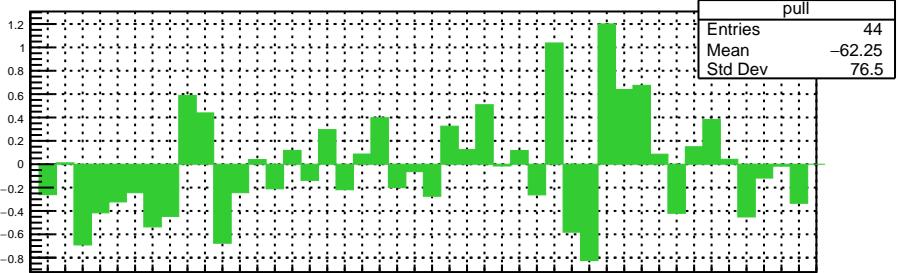
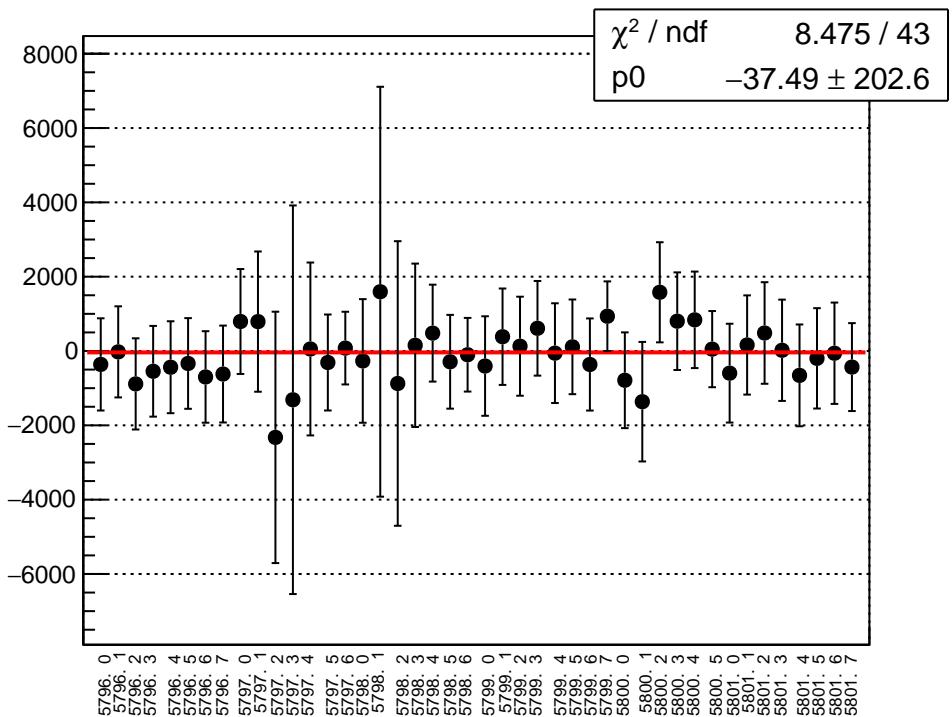
# asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_dd\_mean vs run



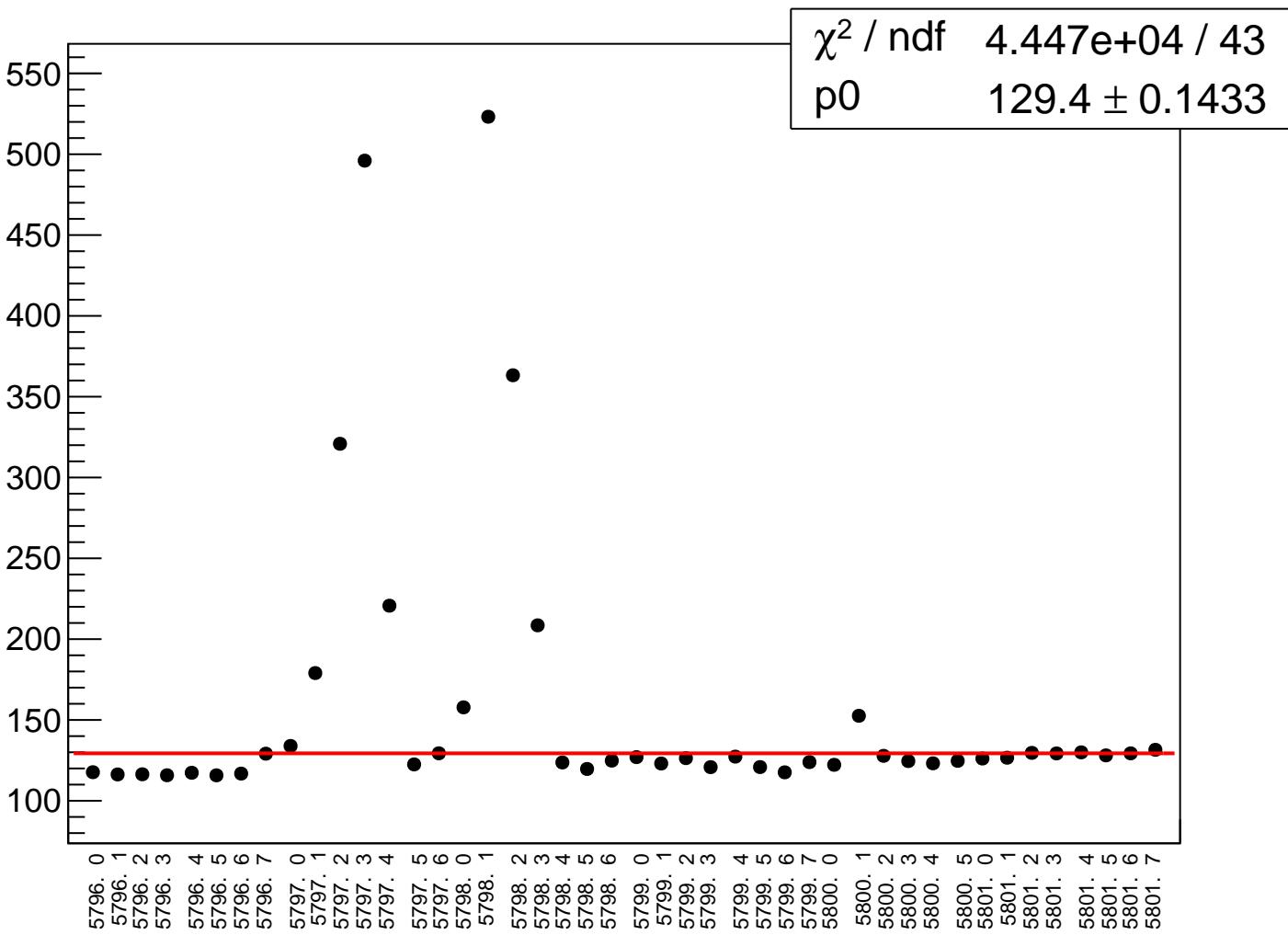
# asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_dd\_rms vs run



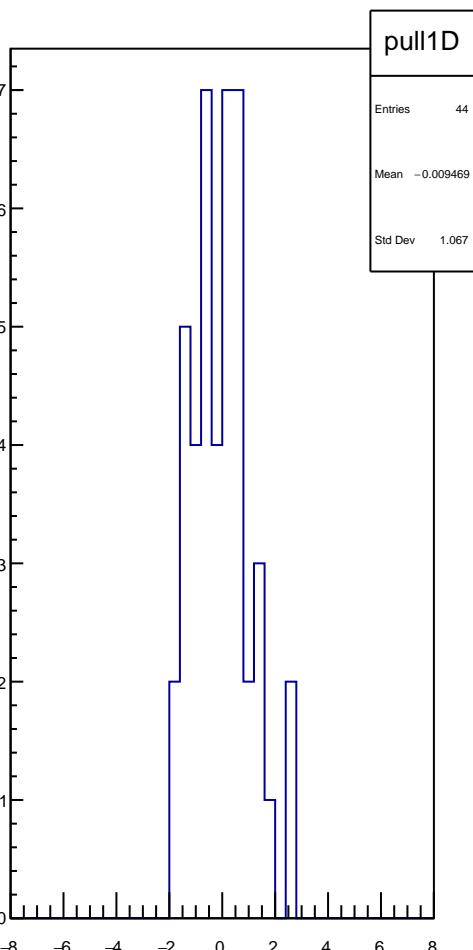
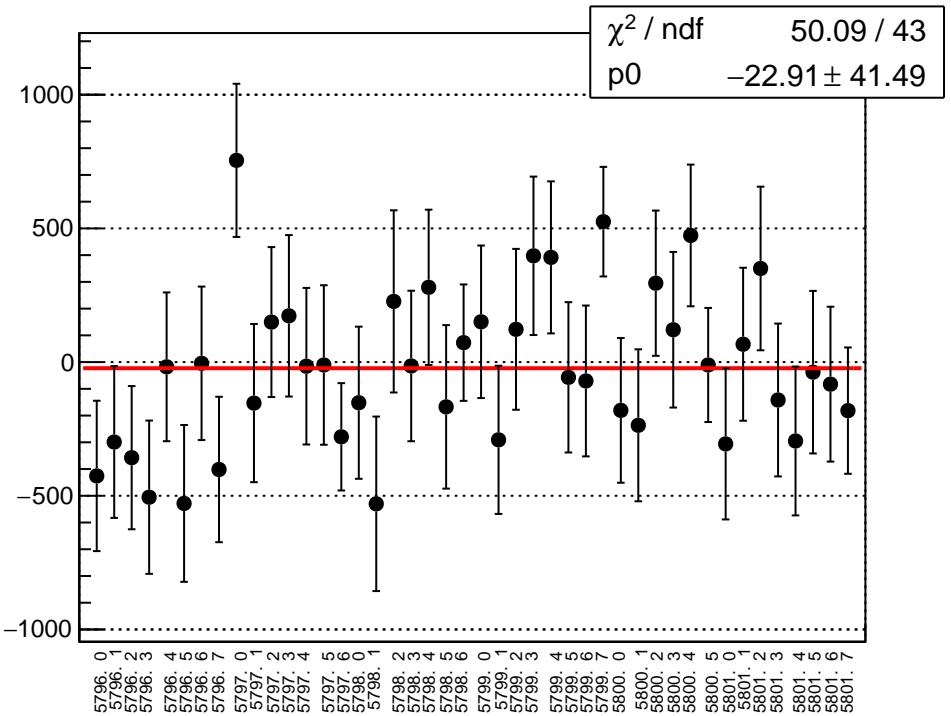
### asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_avg\_mean vs run



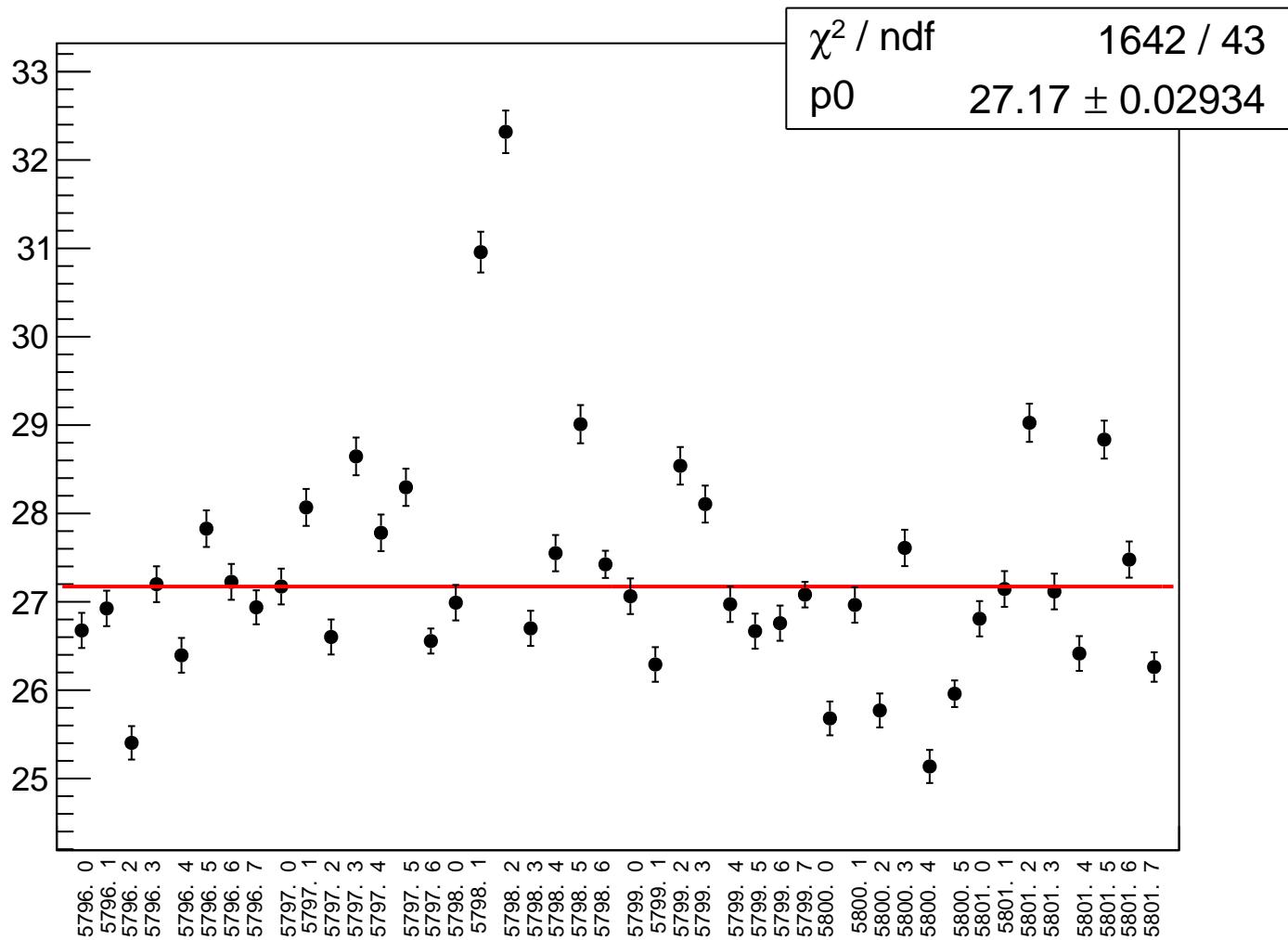
# asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_avg\_rms vs run



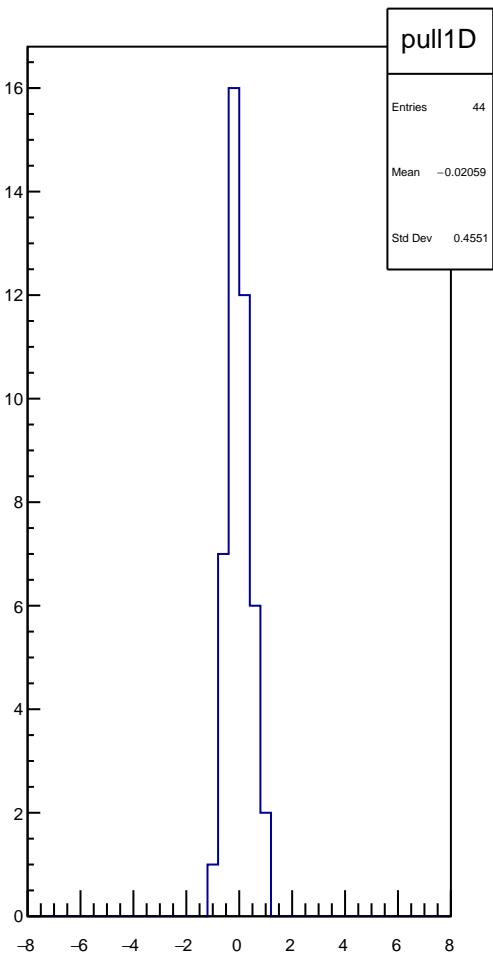
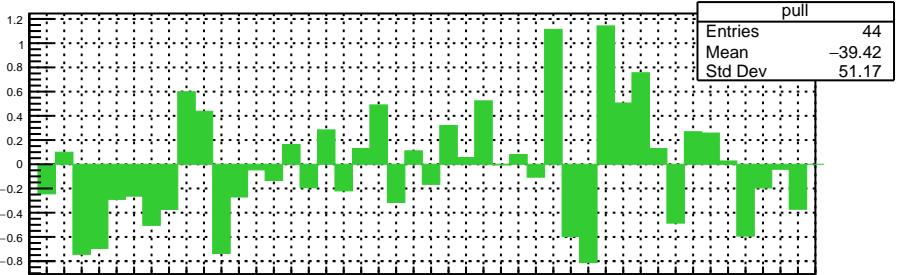
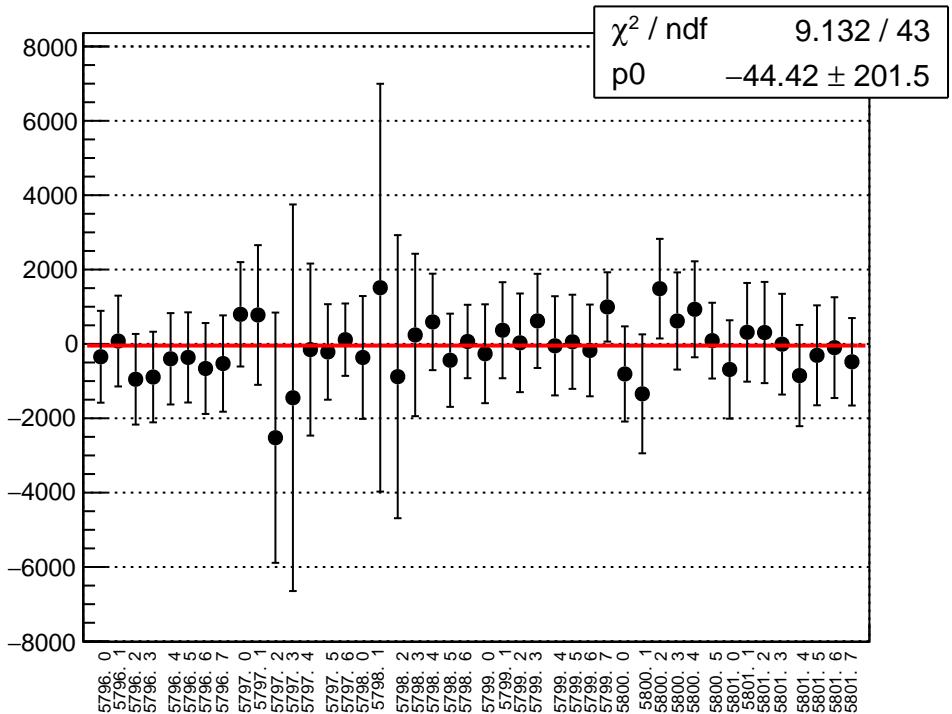
# asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_dd\_mean vs run



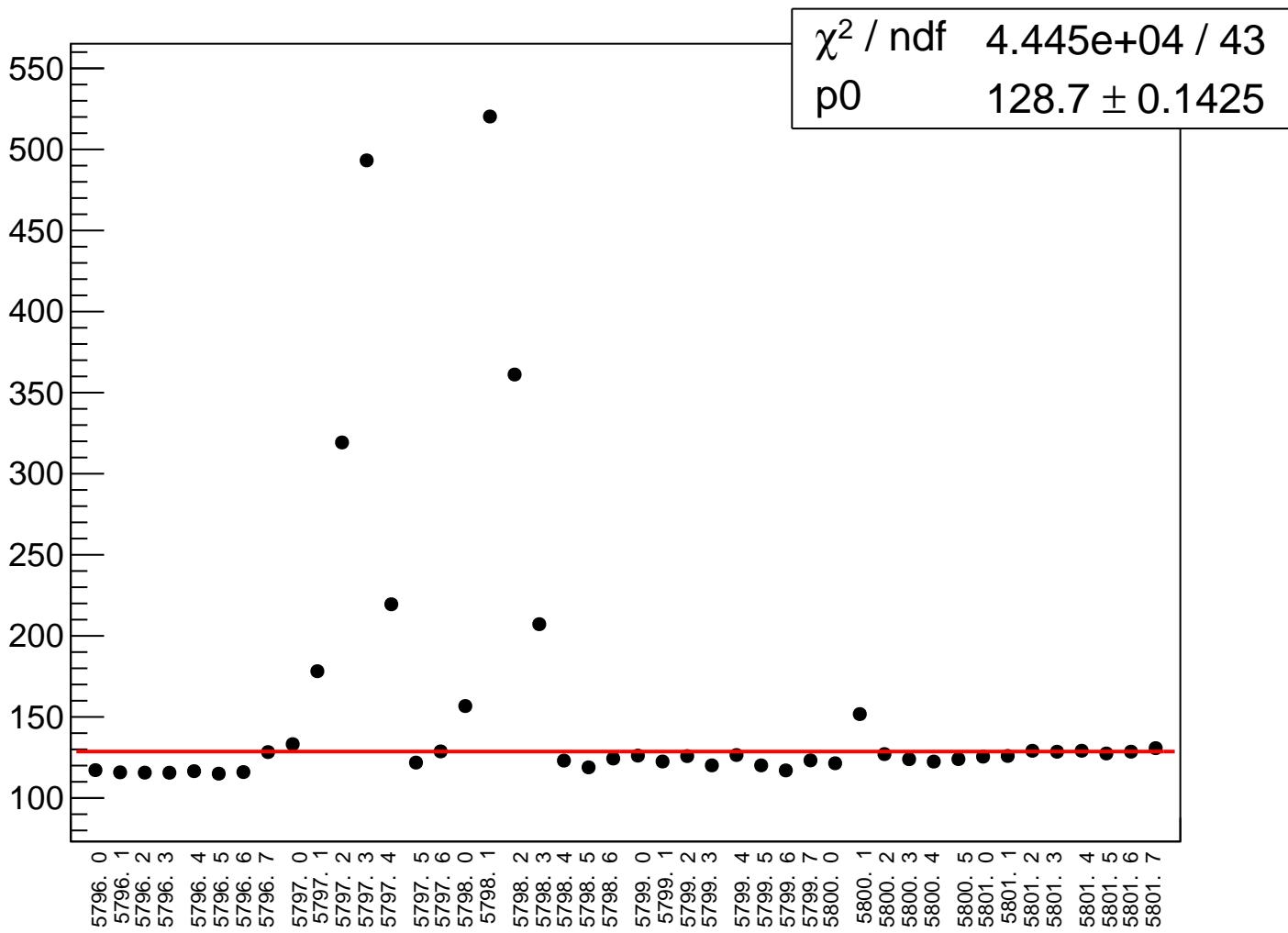
# asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_dd\_rms vs run



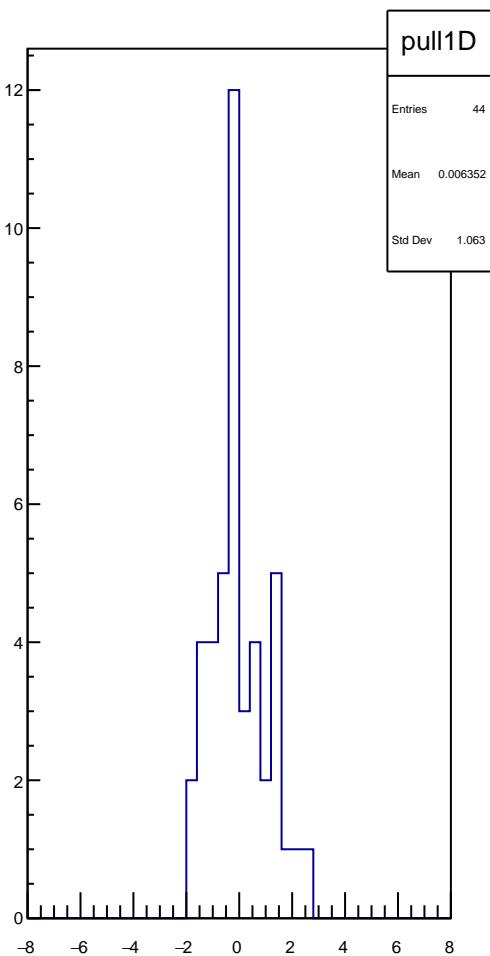
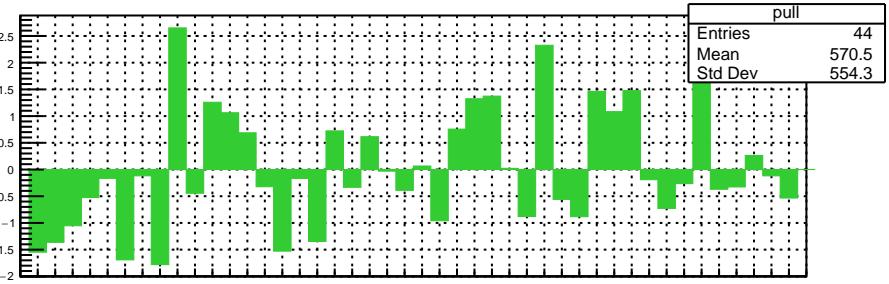
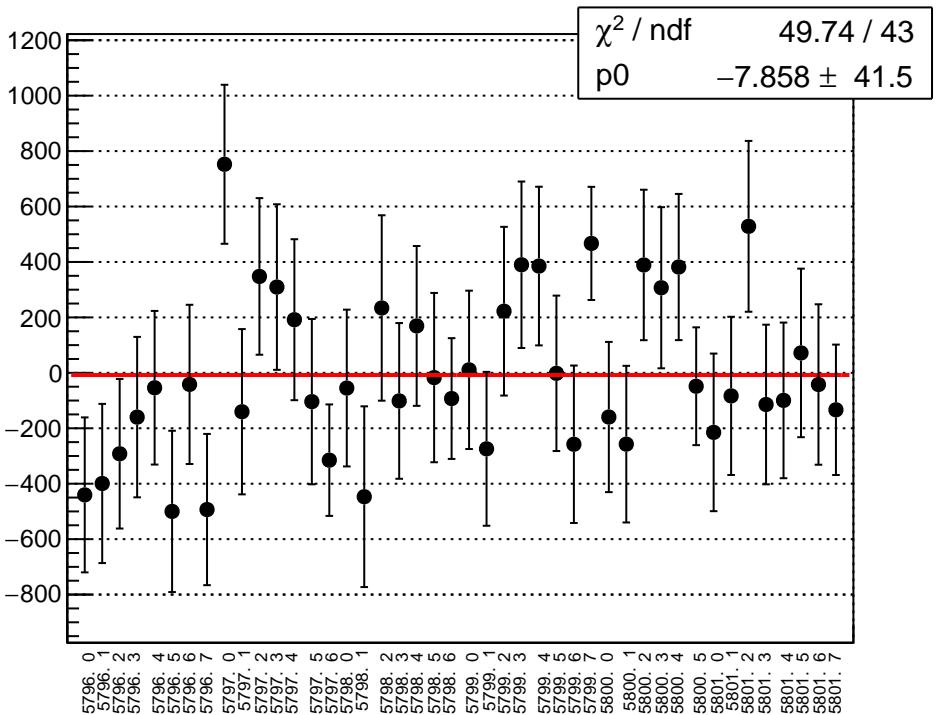
# asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_avg\_mean vs run



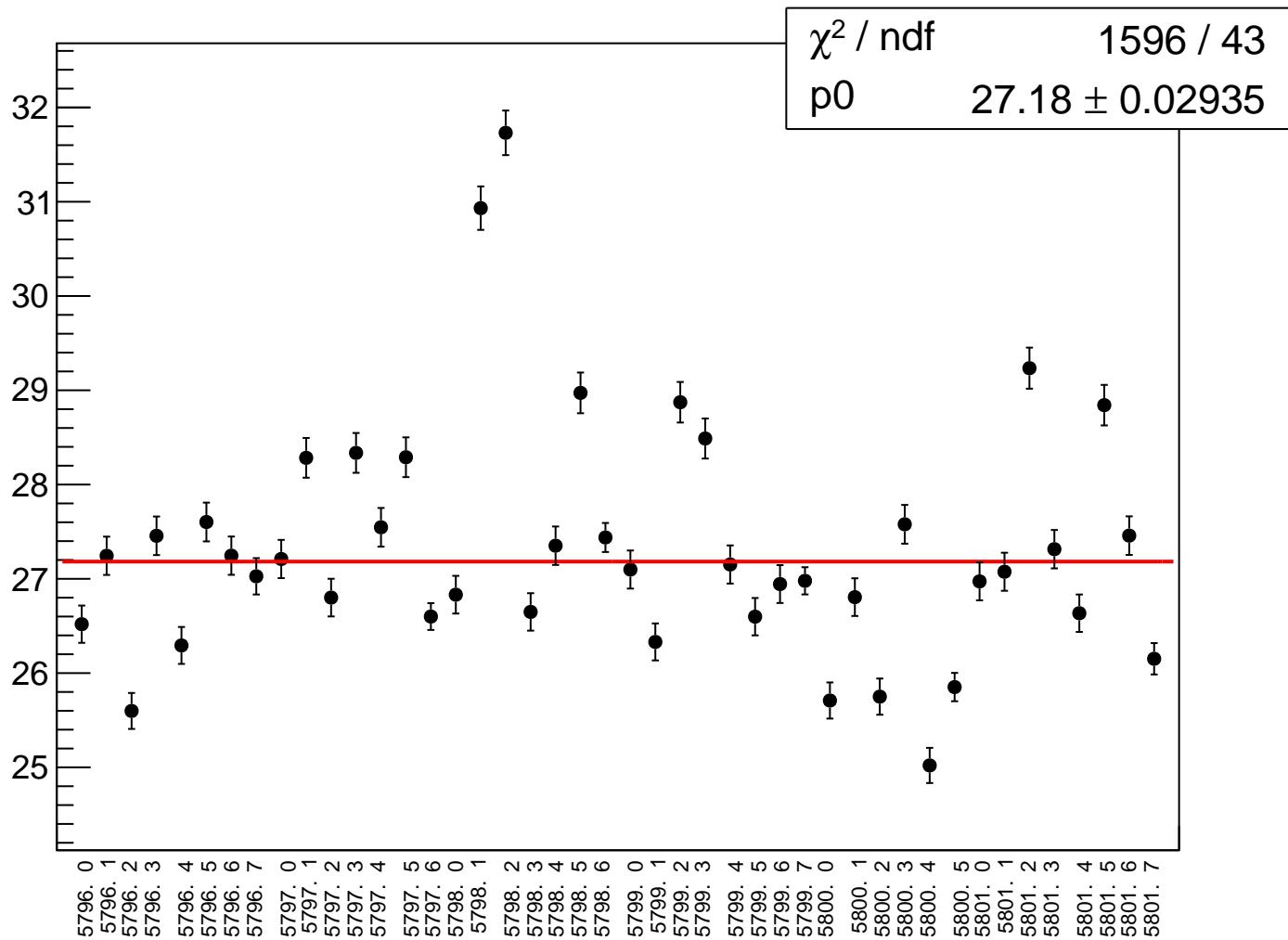
# asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_avg\_rms vs run



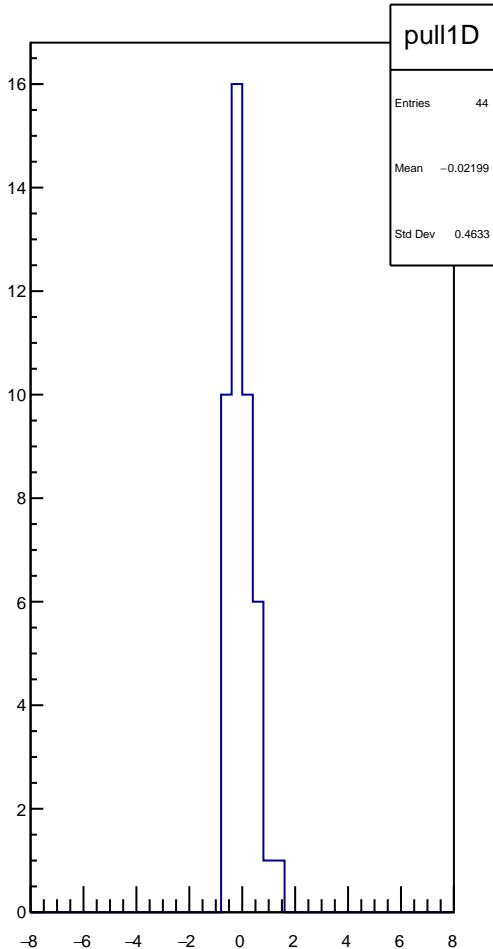
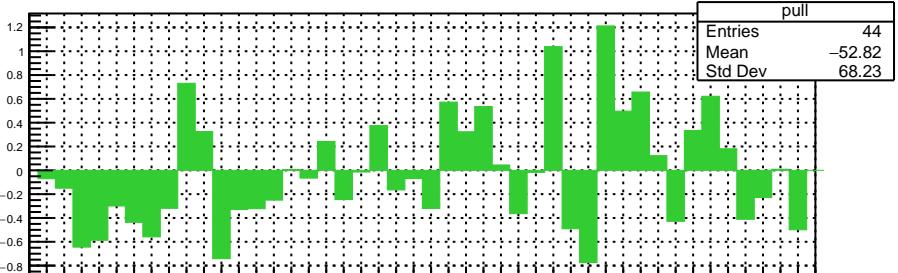
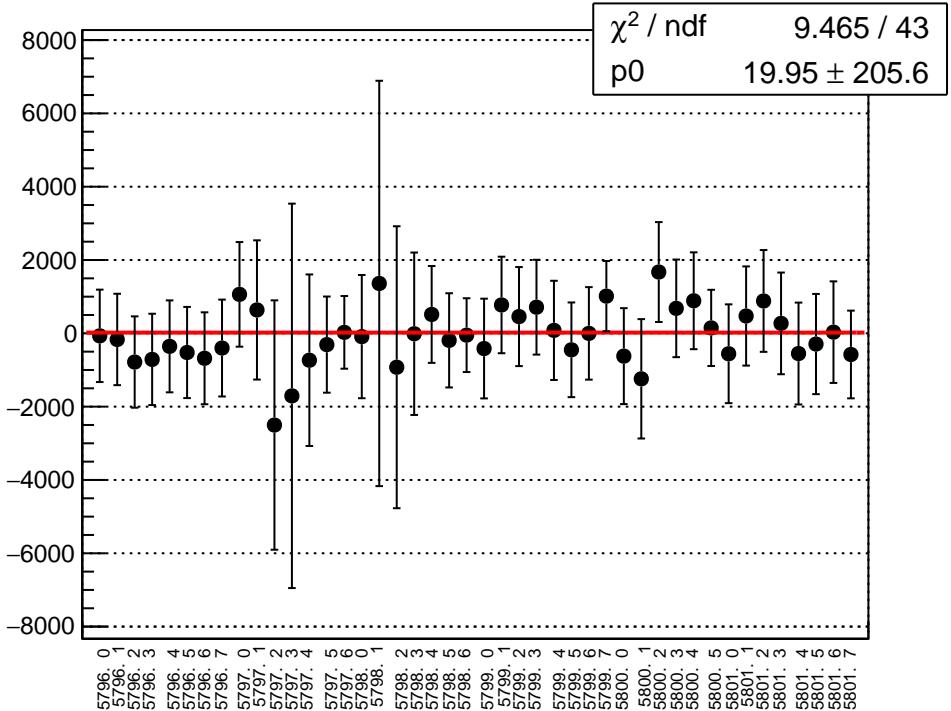
# asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_dd\_mean vs run



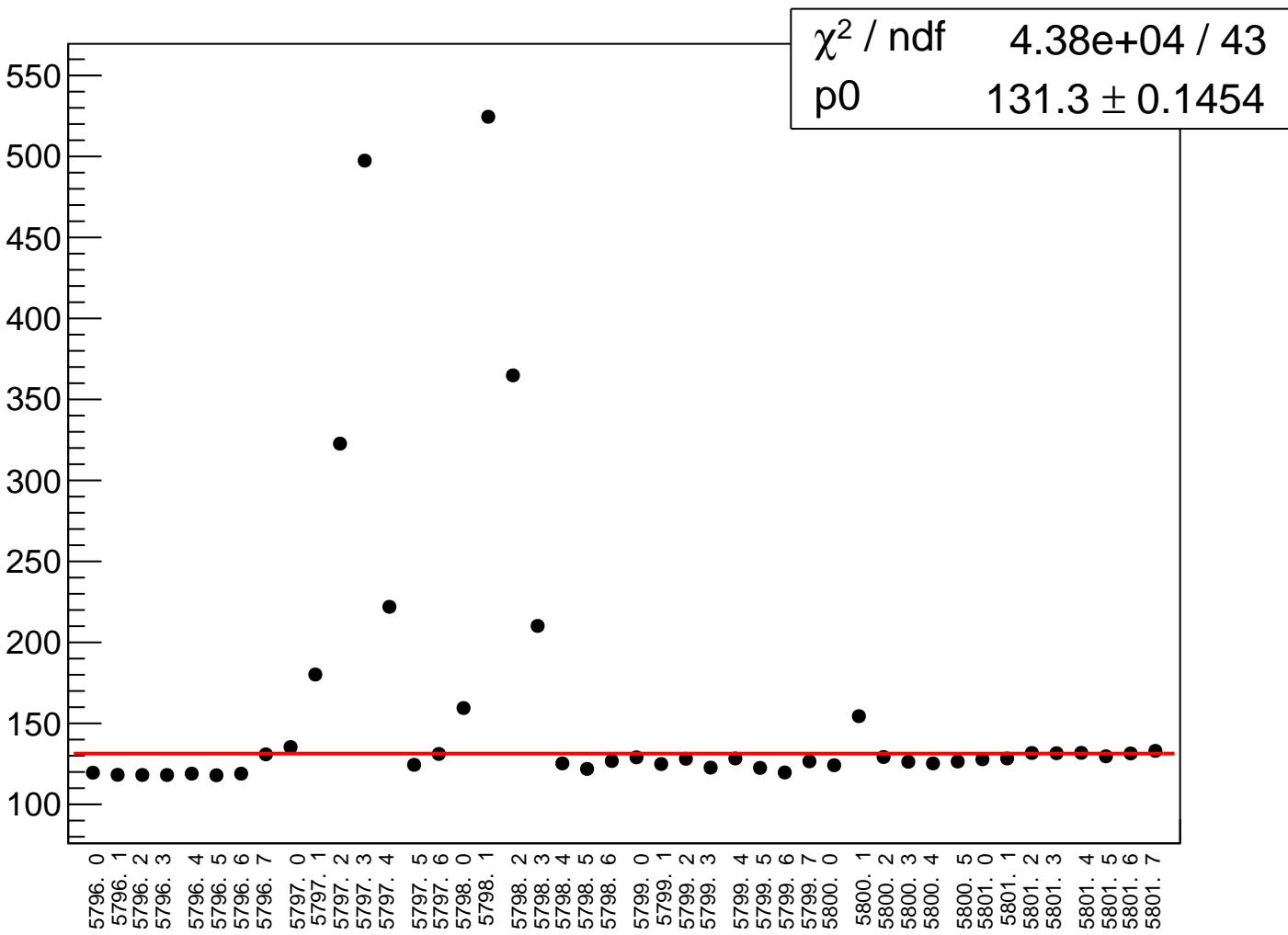
# asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_dd\_rms vs run



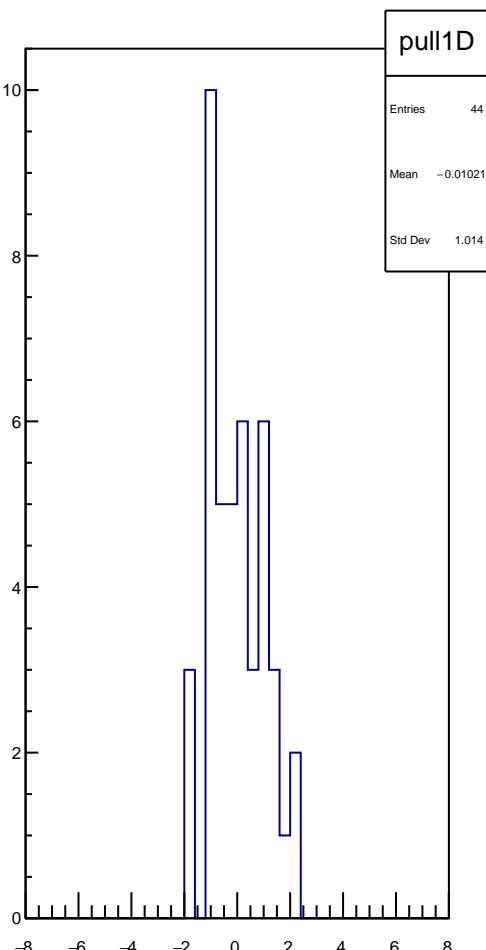
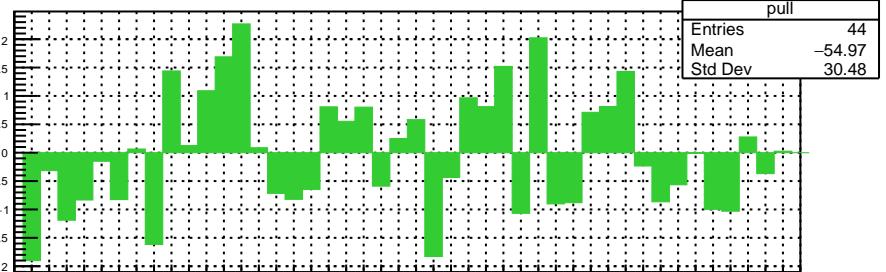
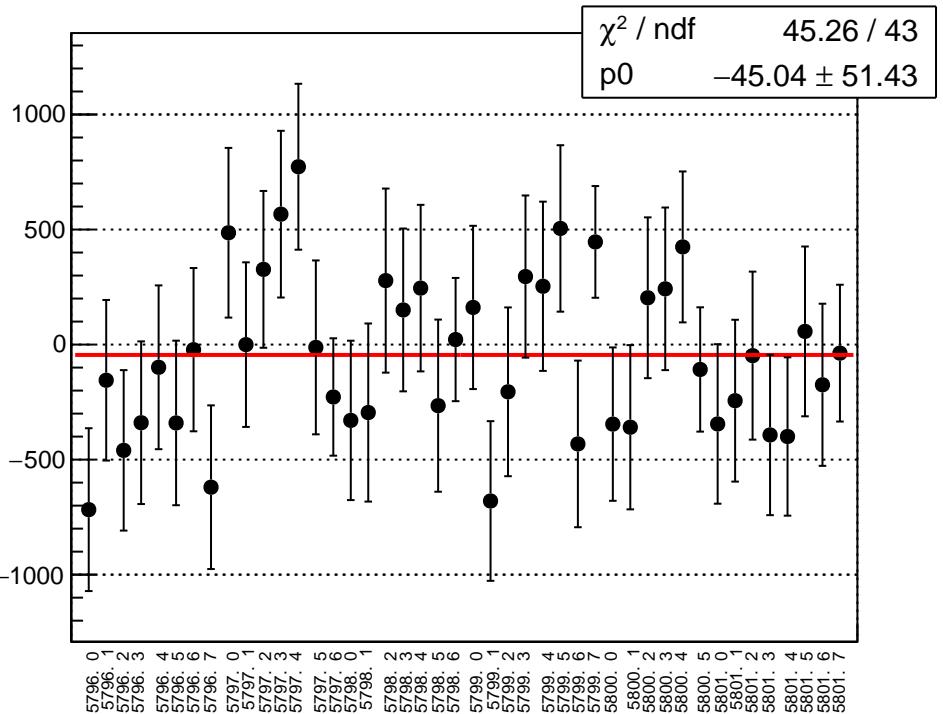
# asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_avg\_mean vs run



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



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



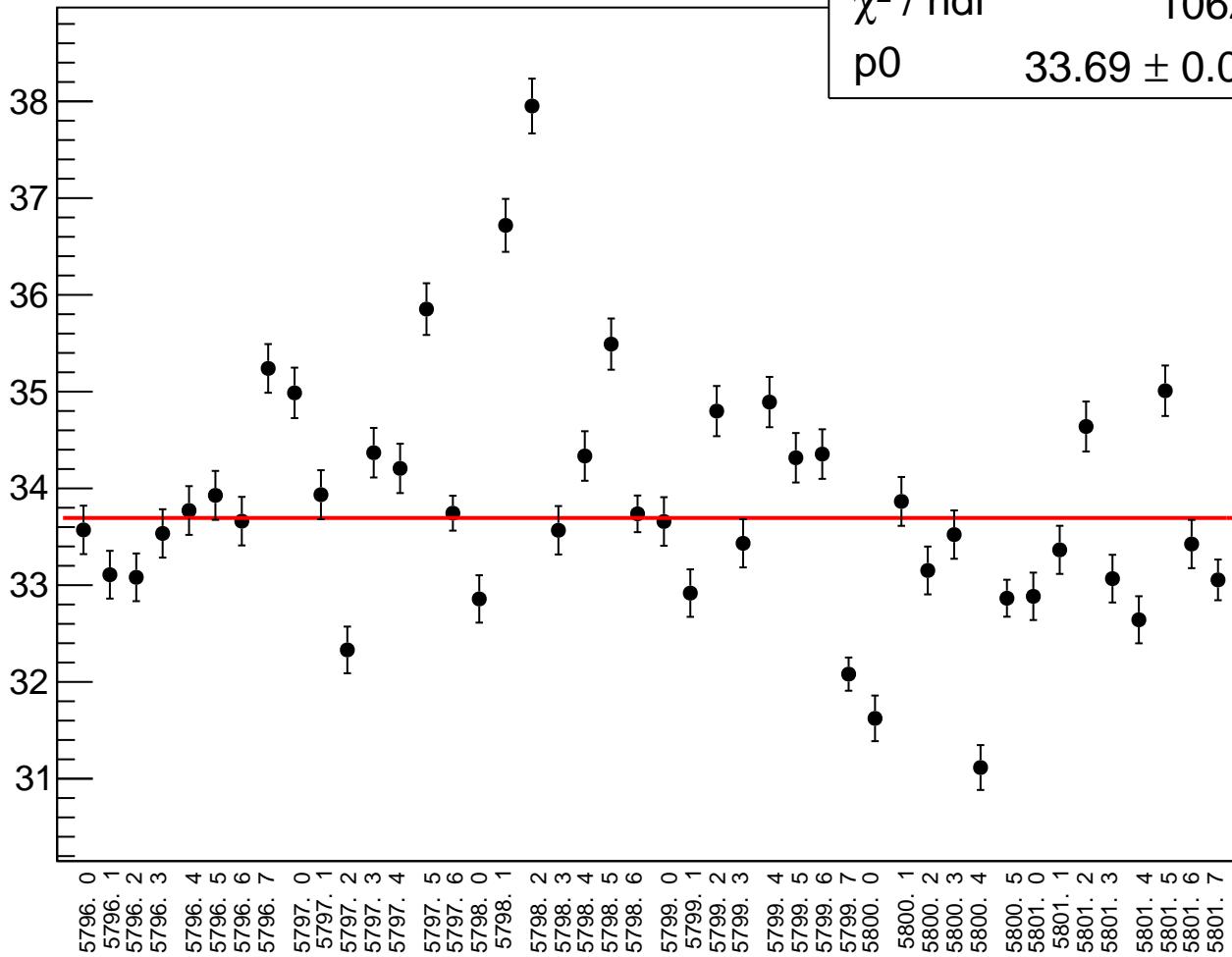
# asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_dd\_rms vs run

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

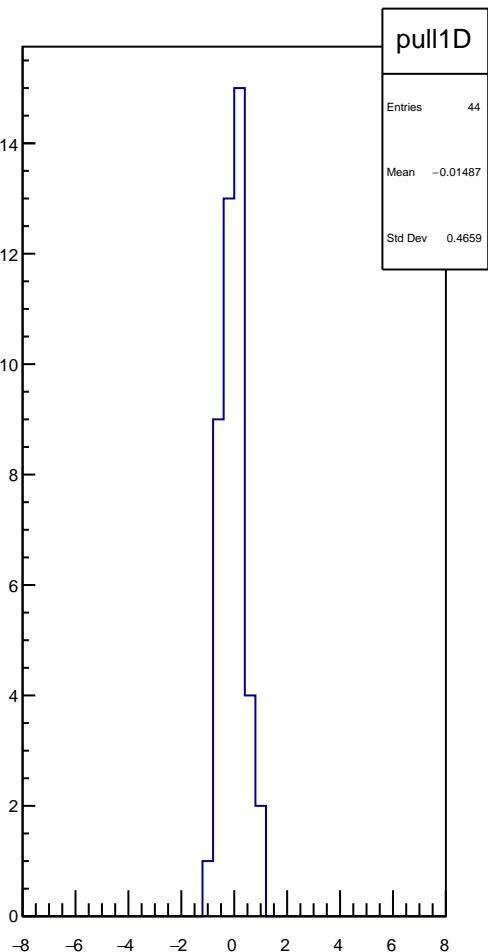
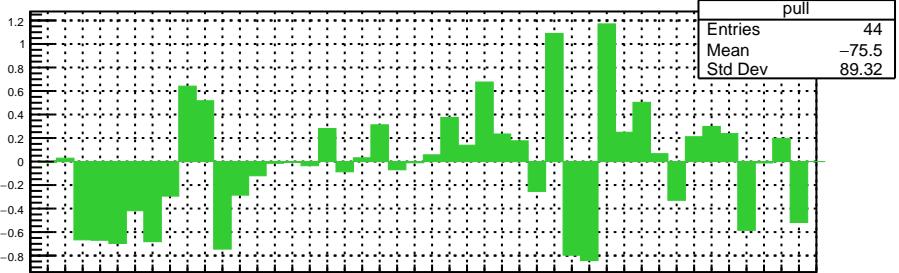
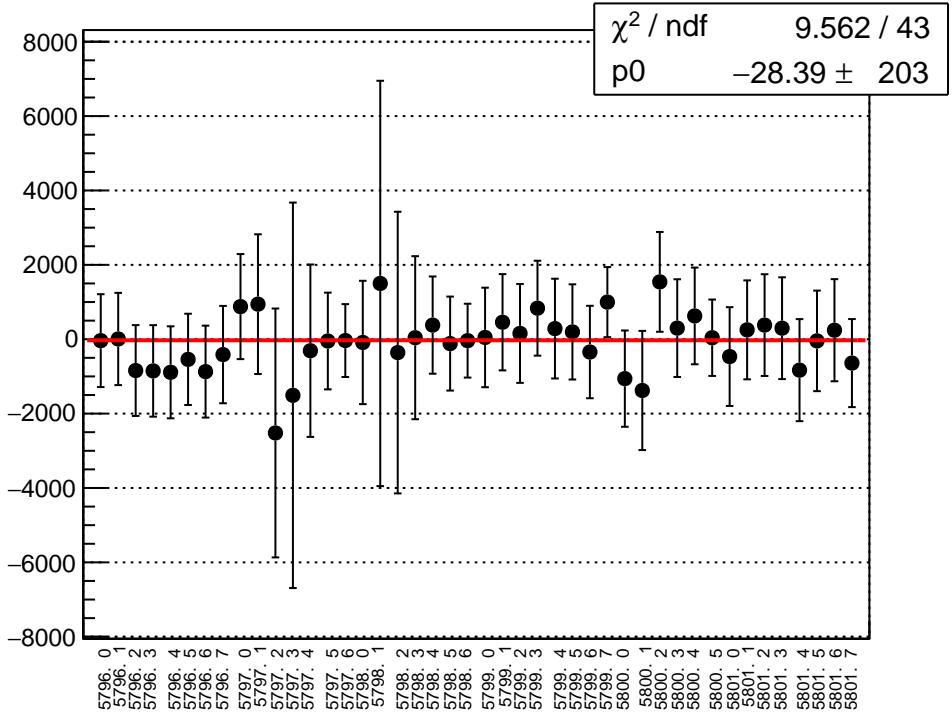
1062 / 43

p0

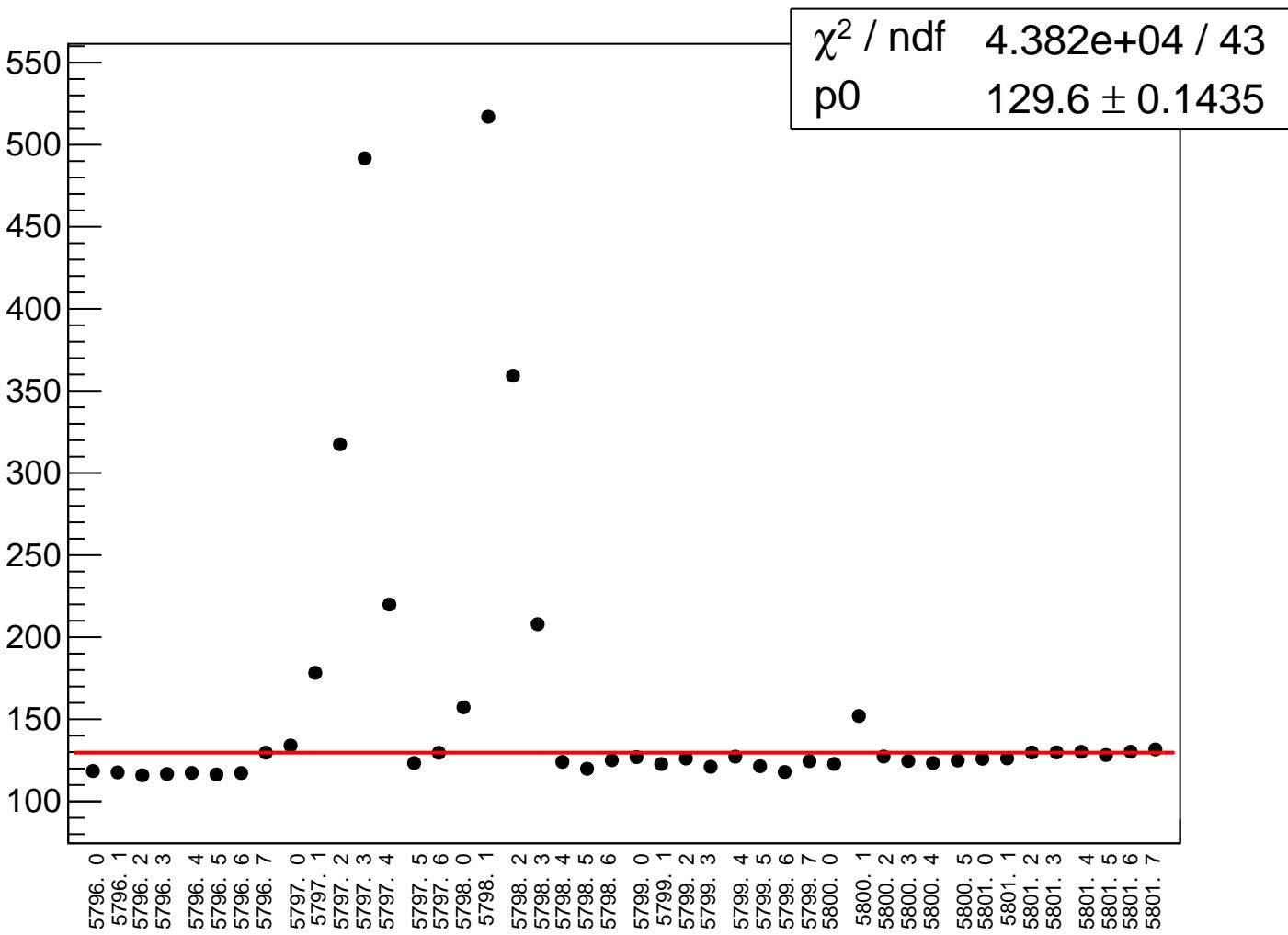
$33.69 \pm 0.03636$



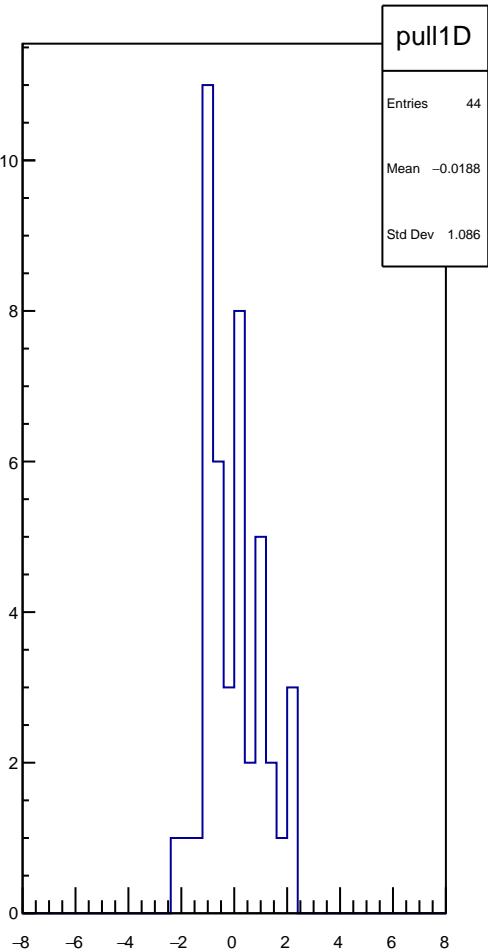
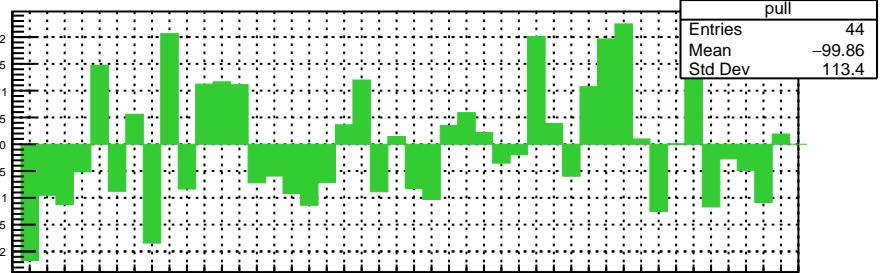
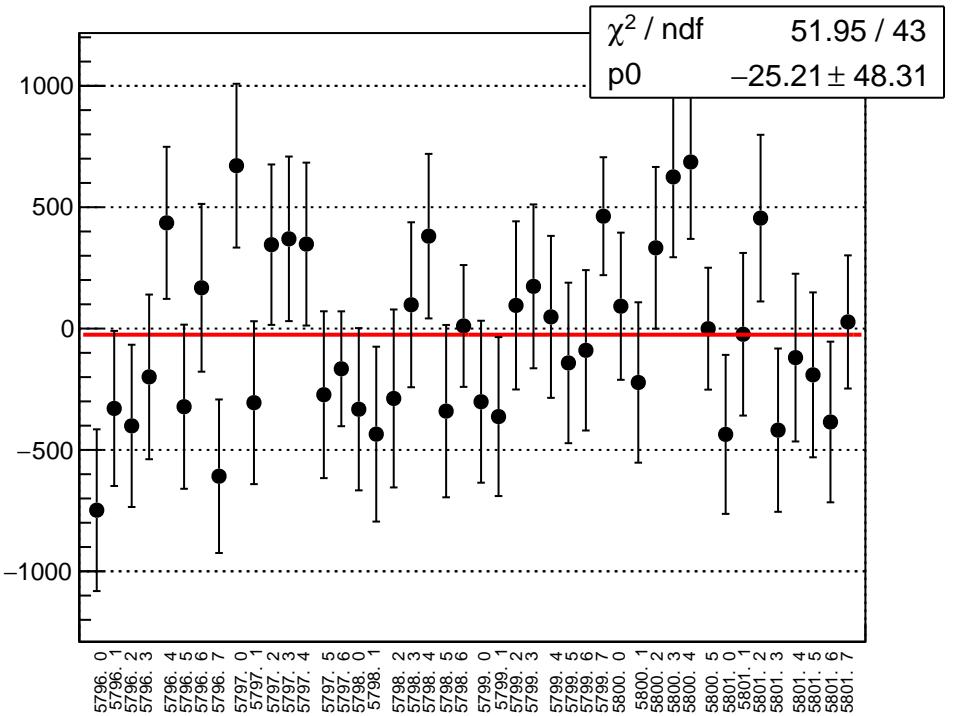
# asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_avg\_mean vs run



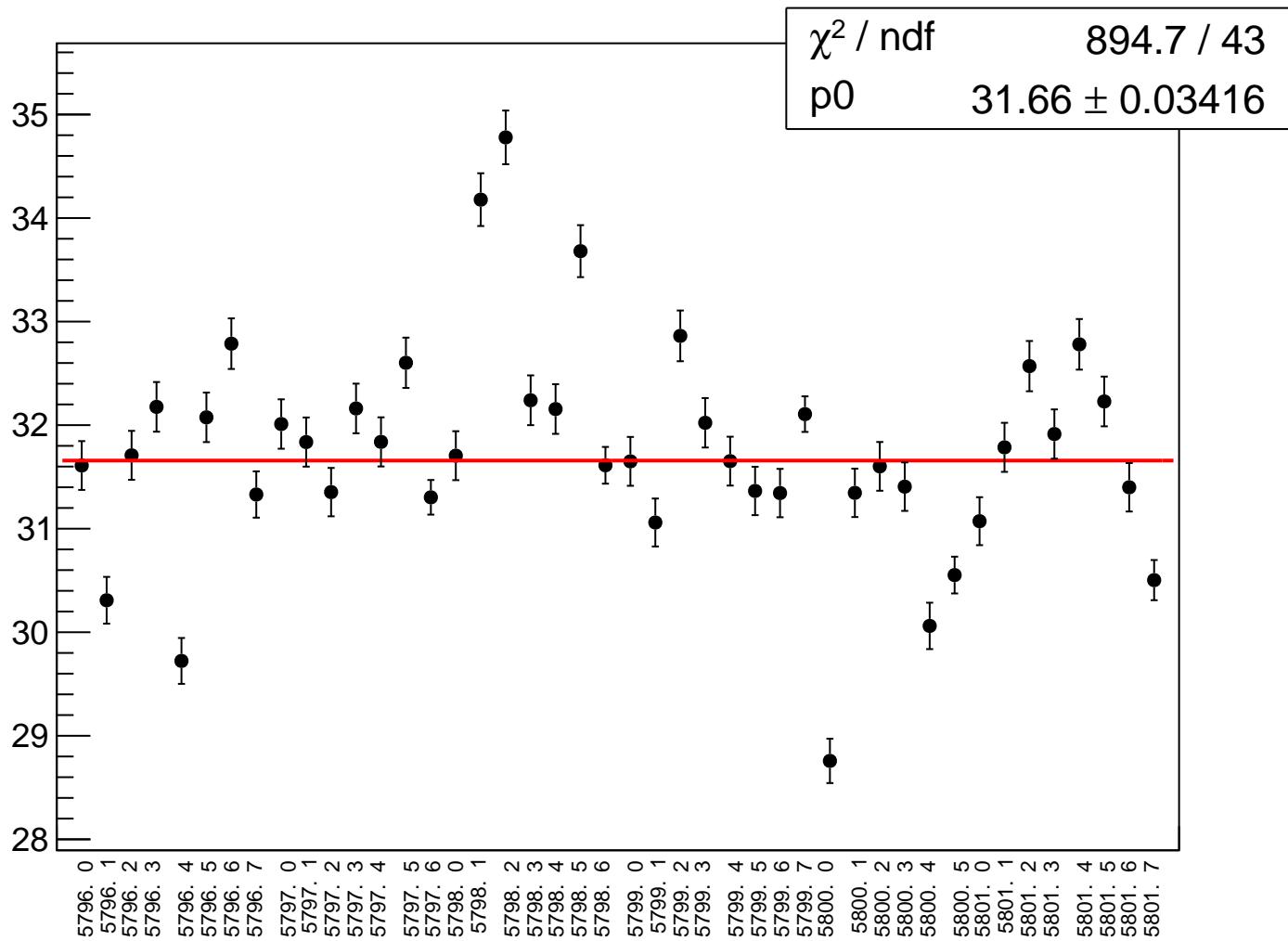
# asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_avg\_rms vs run



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

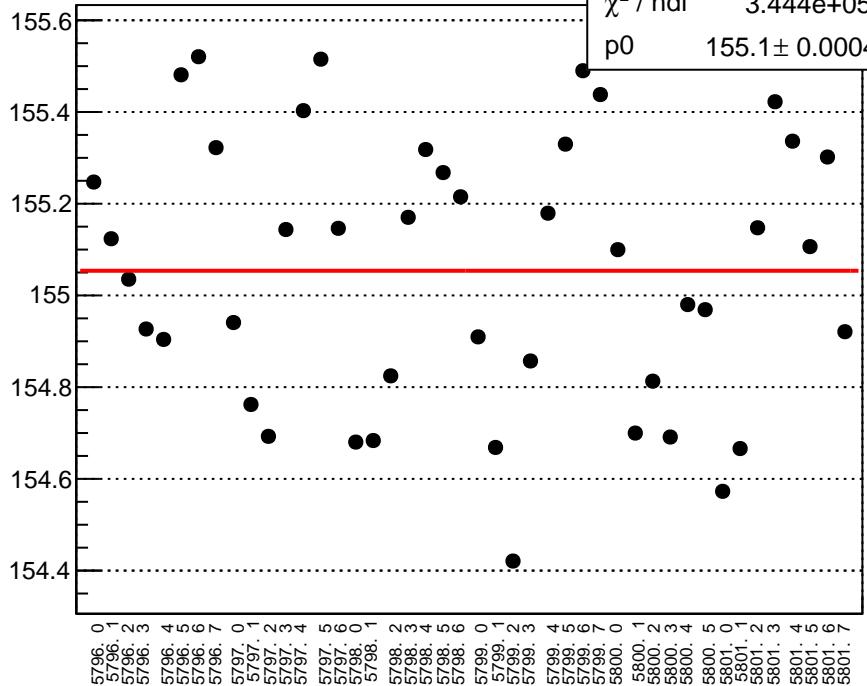


# asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_dd\_rms vs run

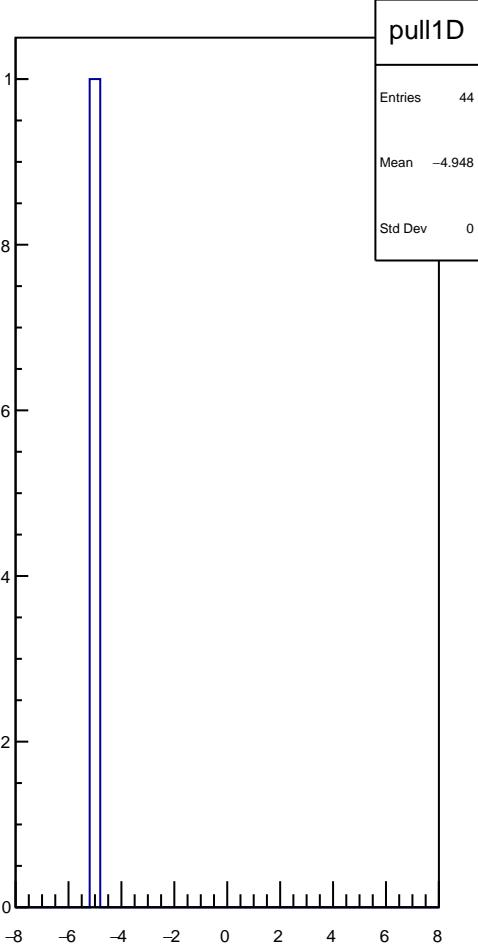
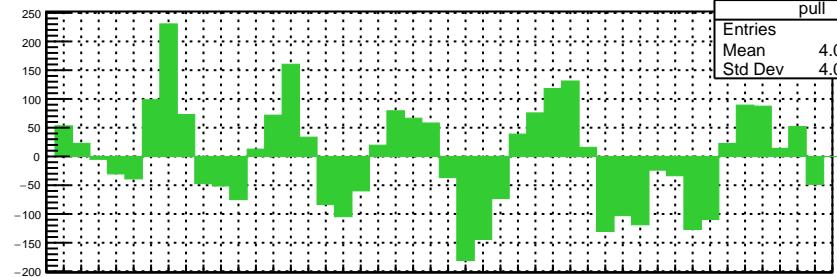




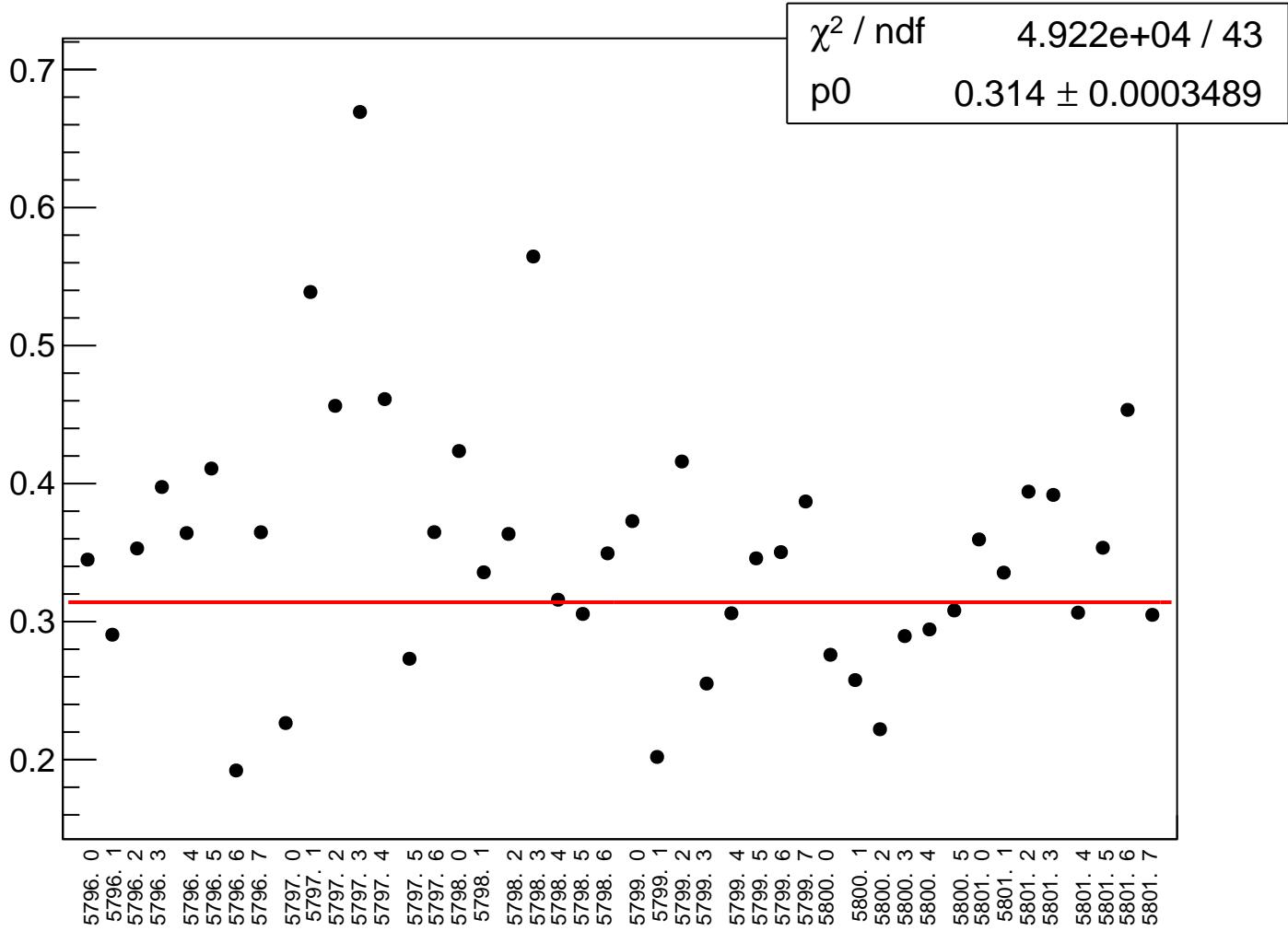
$\chi^2 / \text{ndf}$     3.444e+05 / 43  
p0         $155.1 \pm 0.0004934$



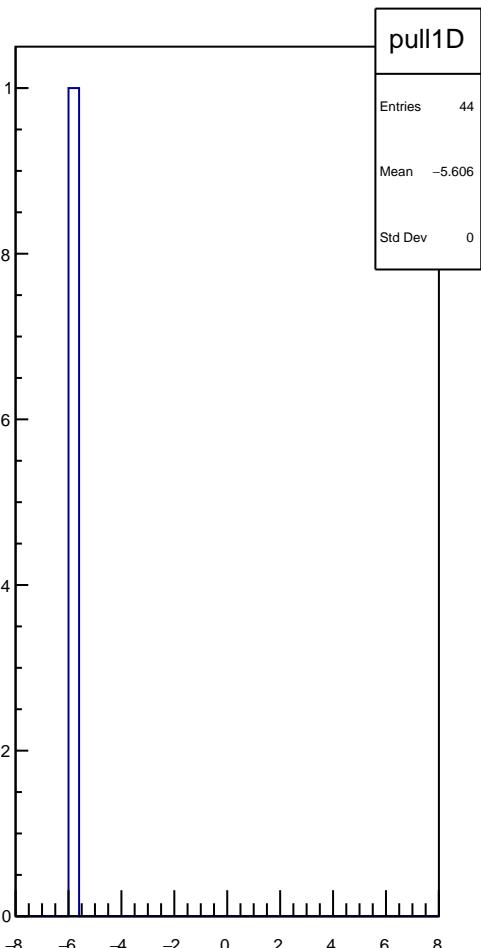
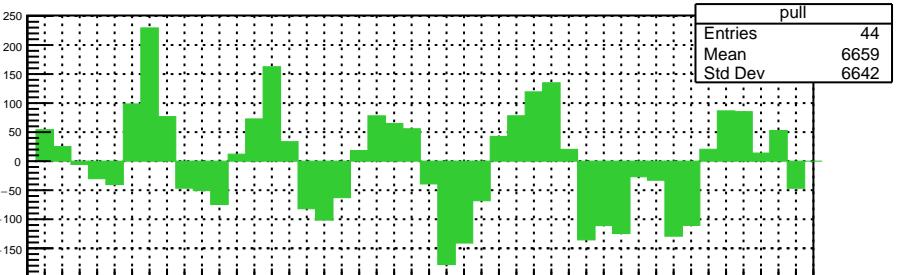
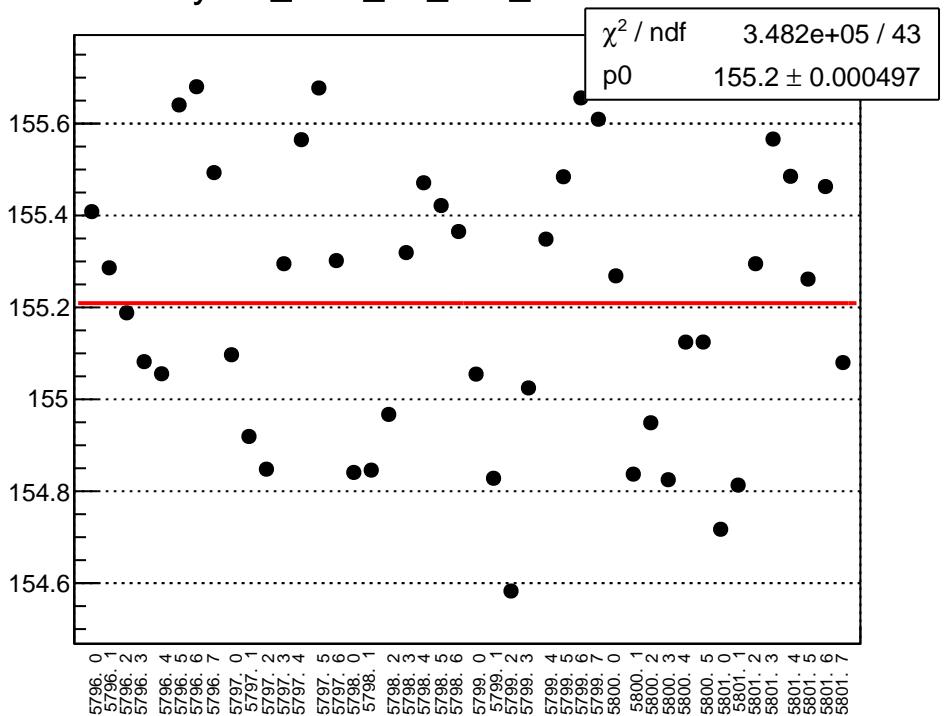
	pull
Entries	44
Mean	4.077e+04
Std Dev	4.075e+04



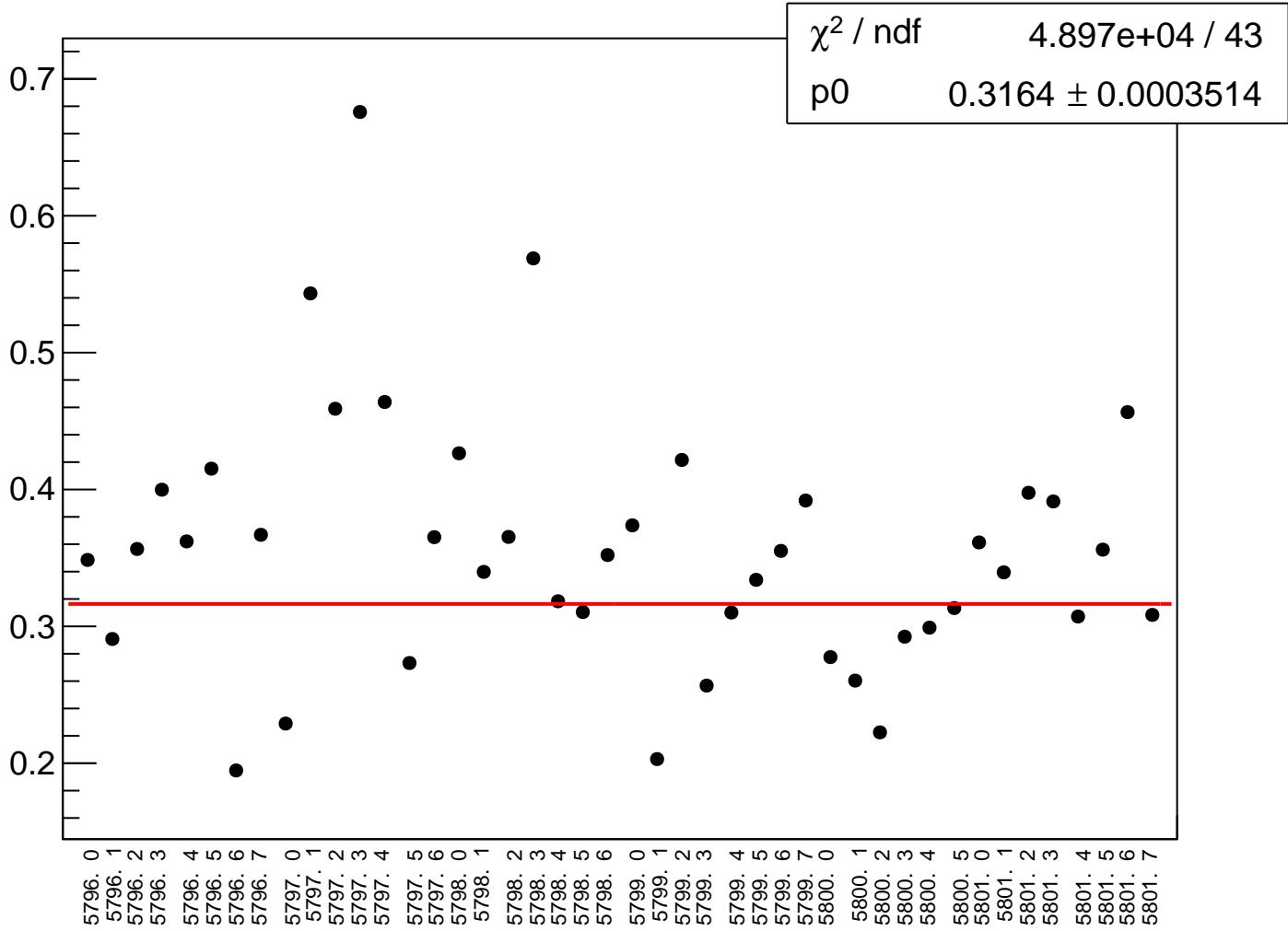
# yield\_bcm\_an\_ds\_rms vs run



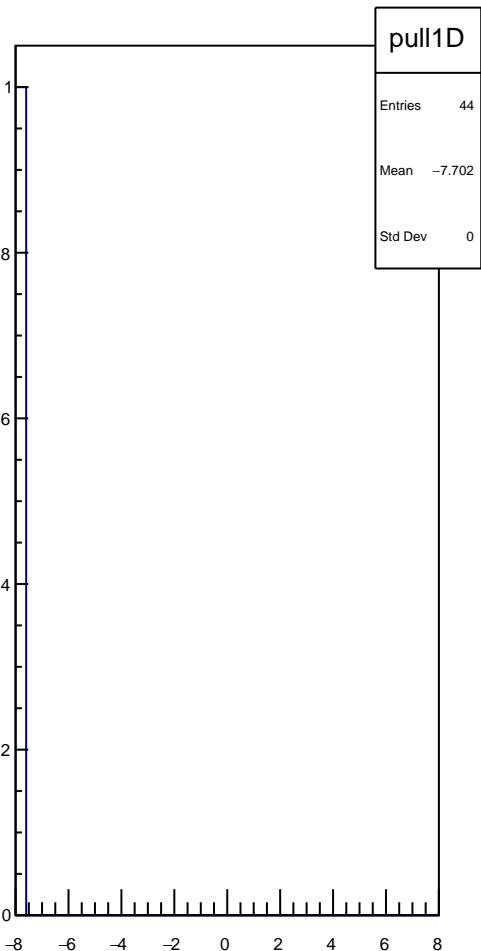
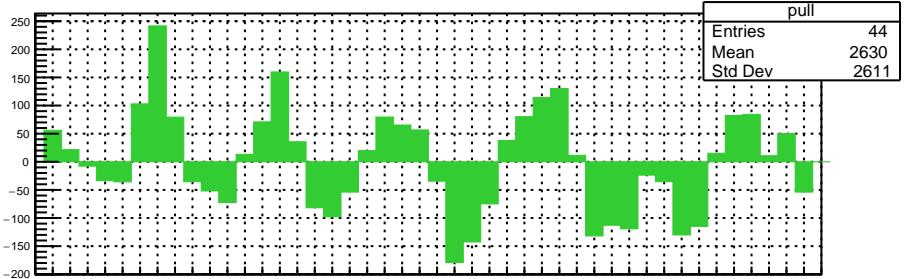
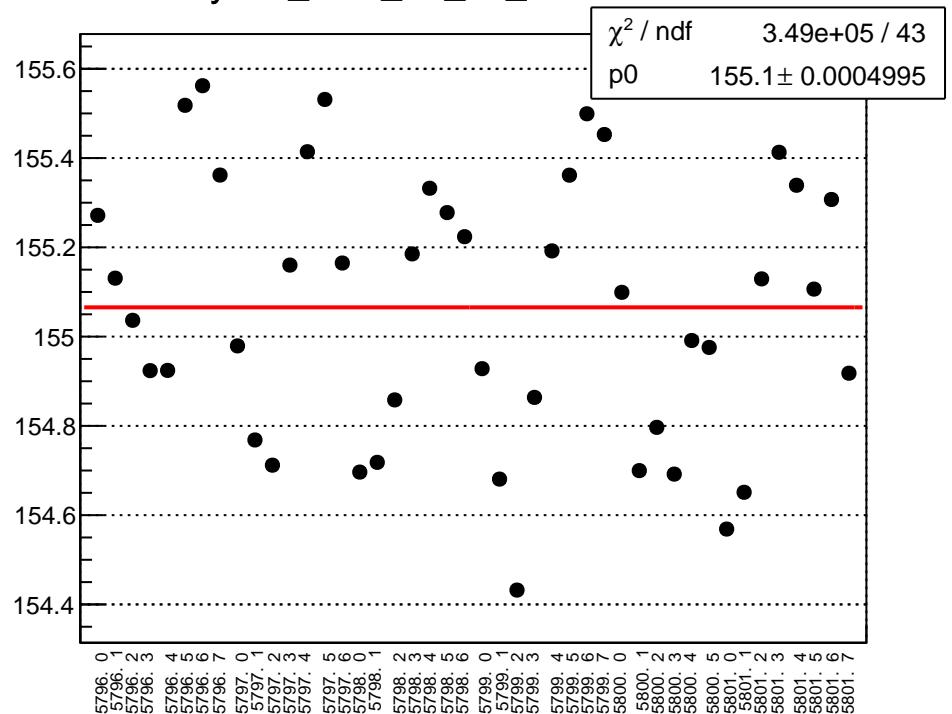
# yield\_bcm\_an\_ds3\_mean vs run



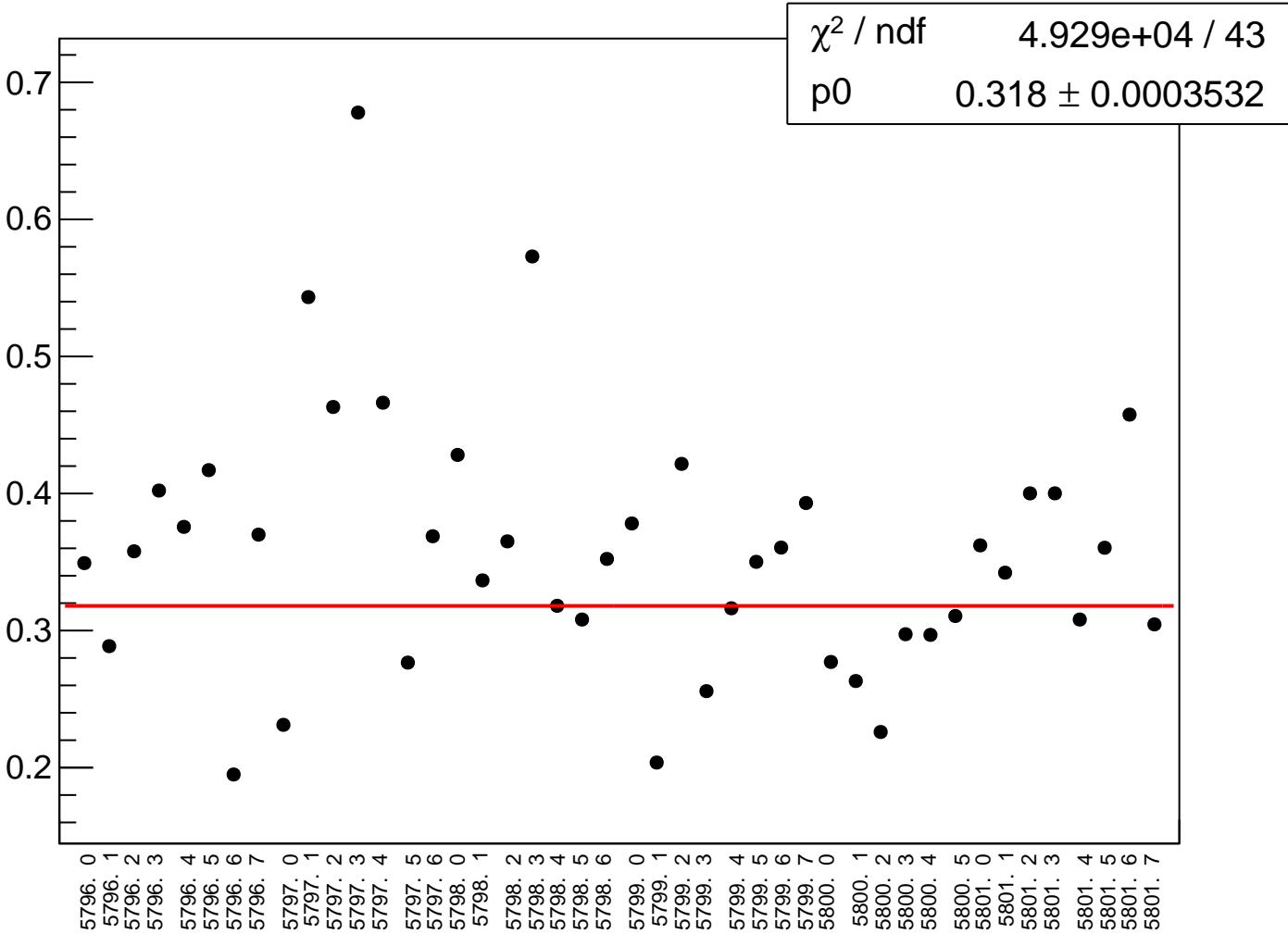
# yield\_bcm\_an\_ds3\_rms vs run



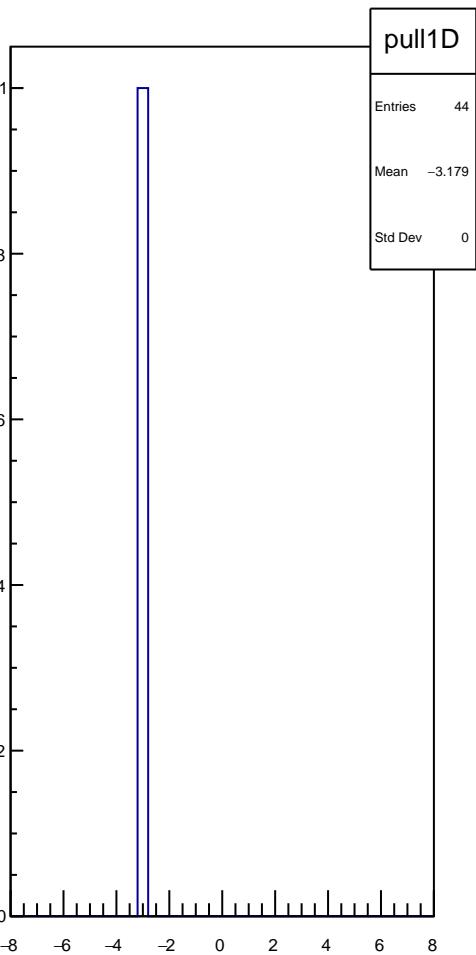
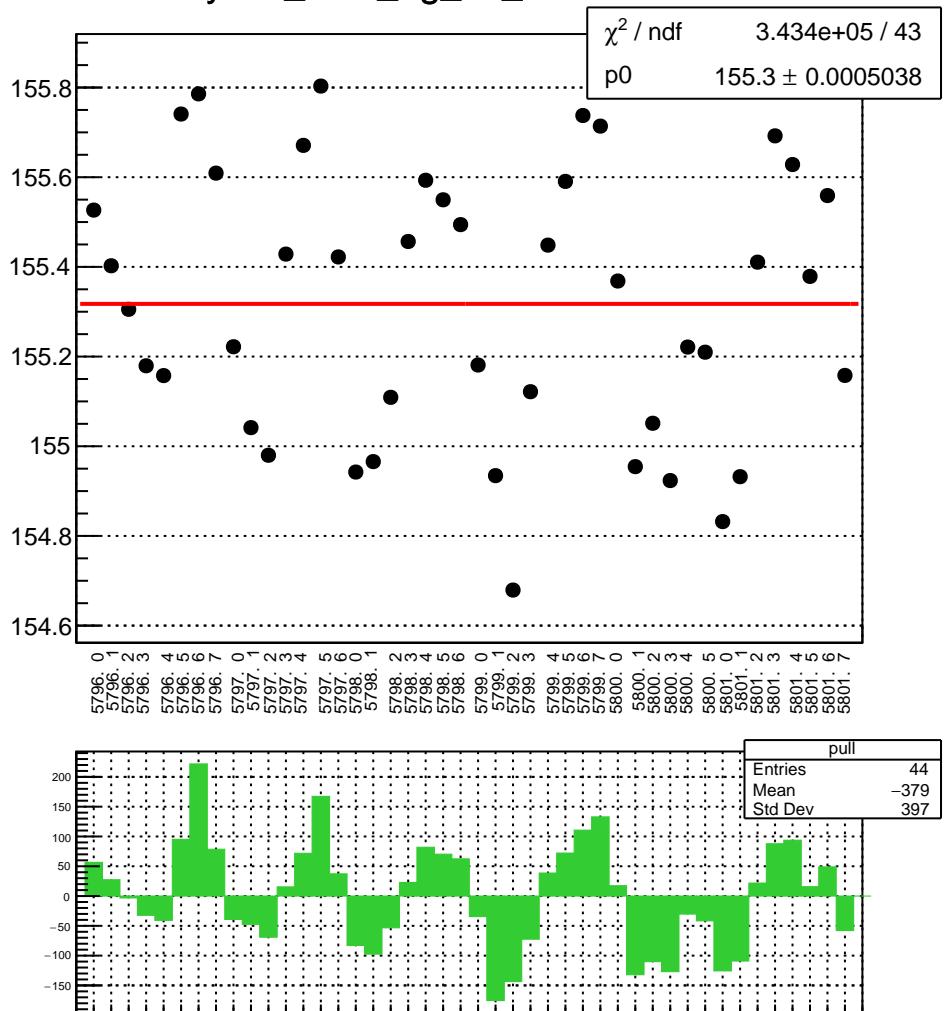
# yield\_bcm\_an\_us\_mean vs run



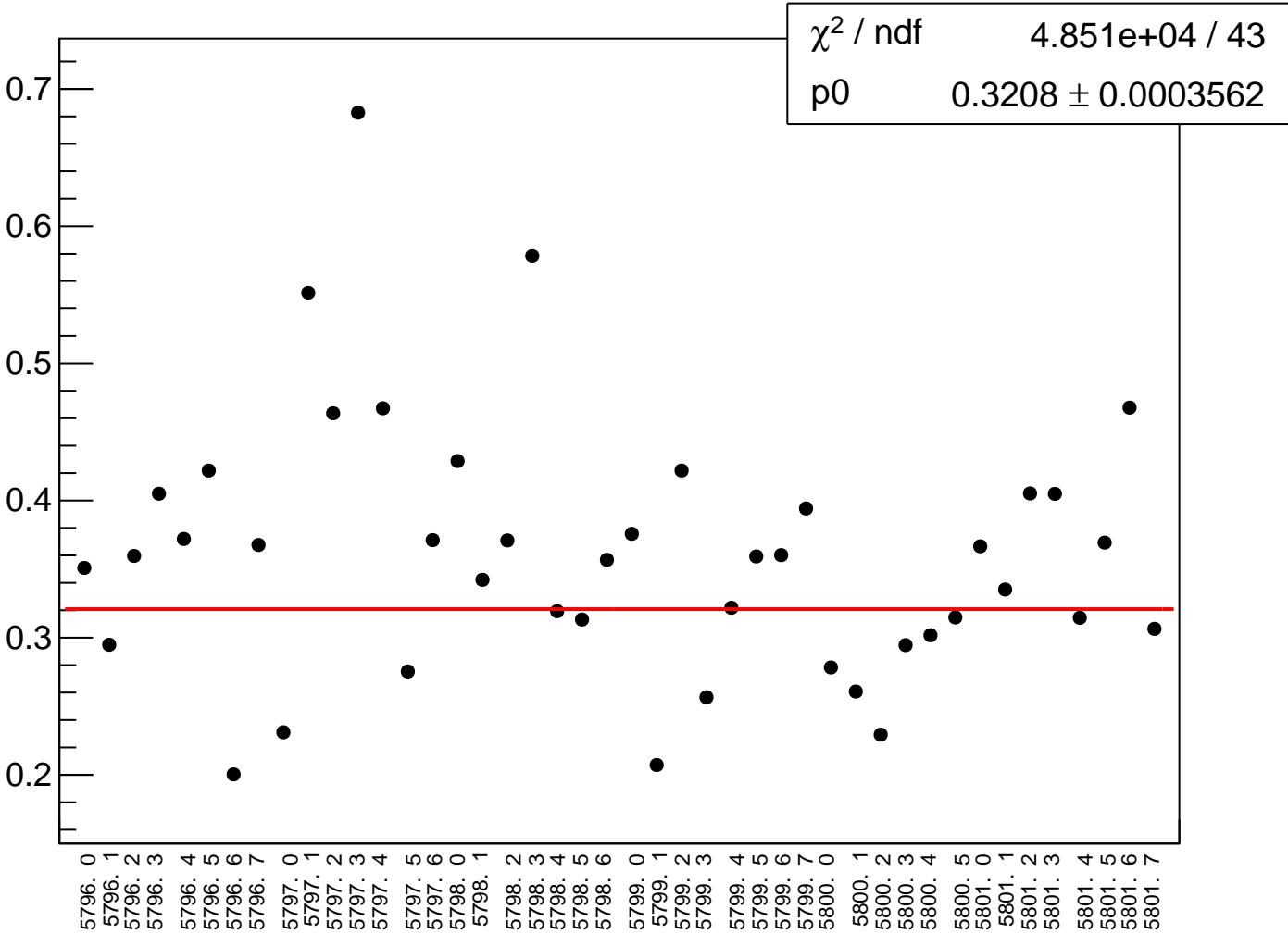
# yield\_bcm\_an\_us\_rms vs run



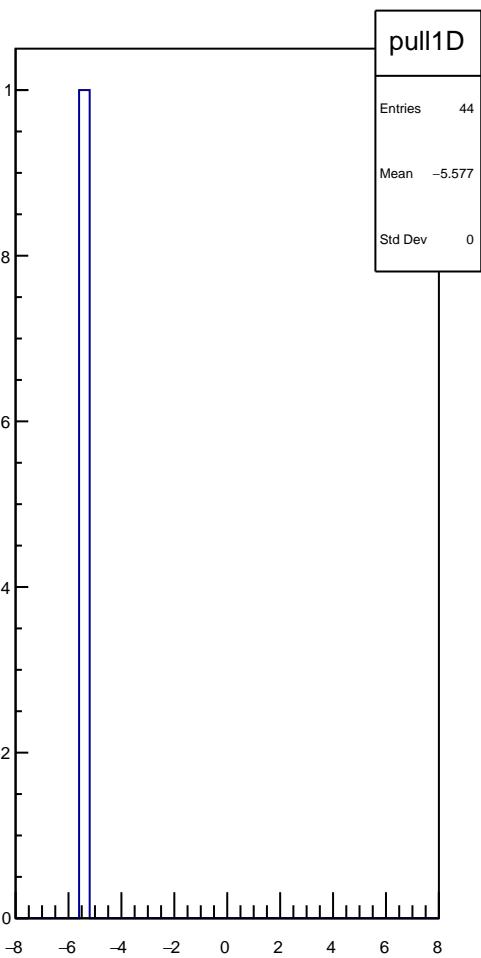
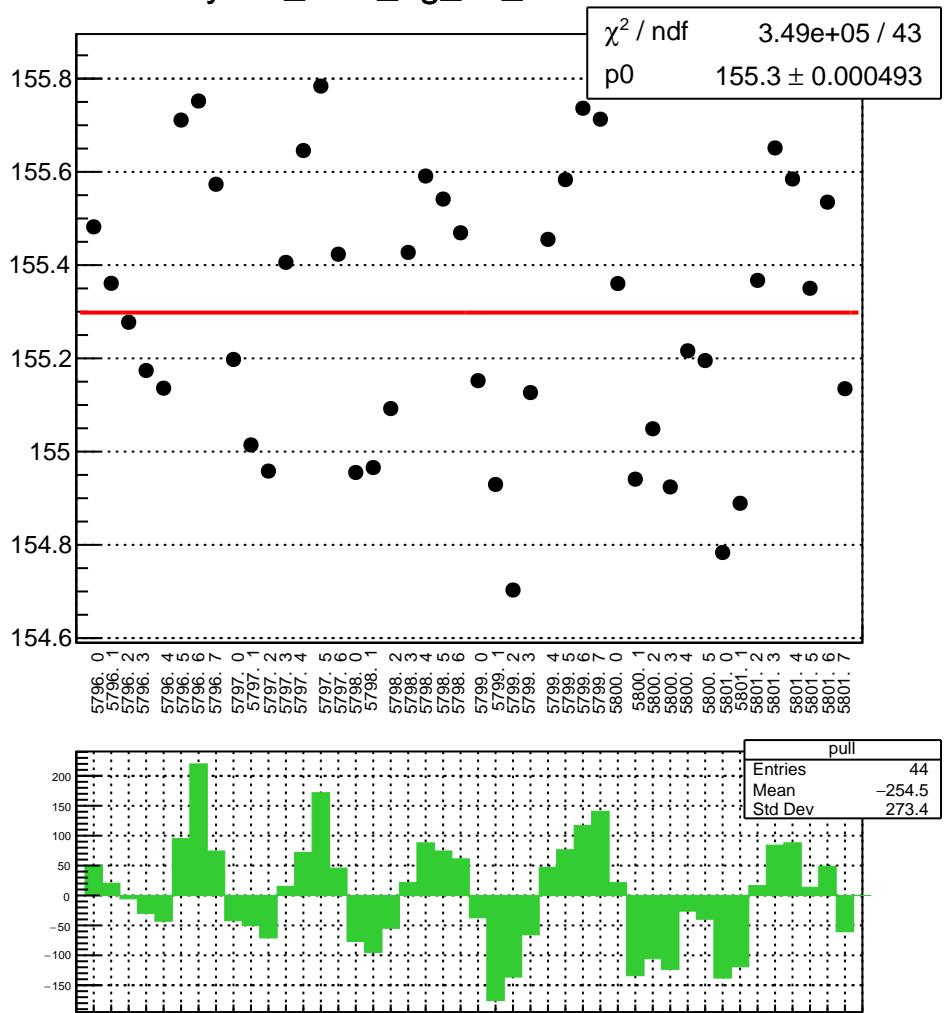
# yield\_bcm\_dg\_us\_mean vs run



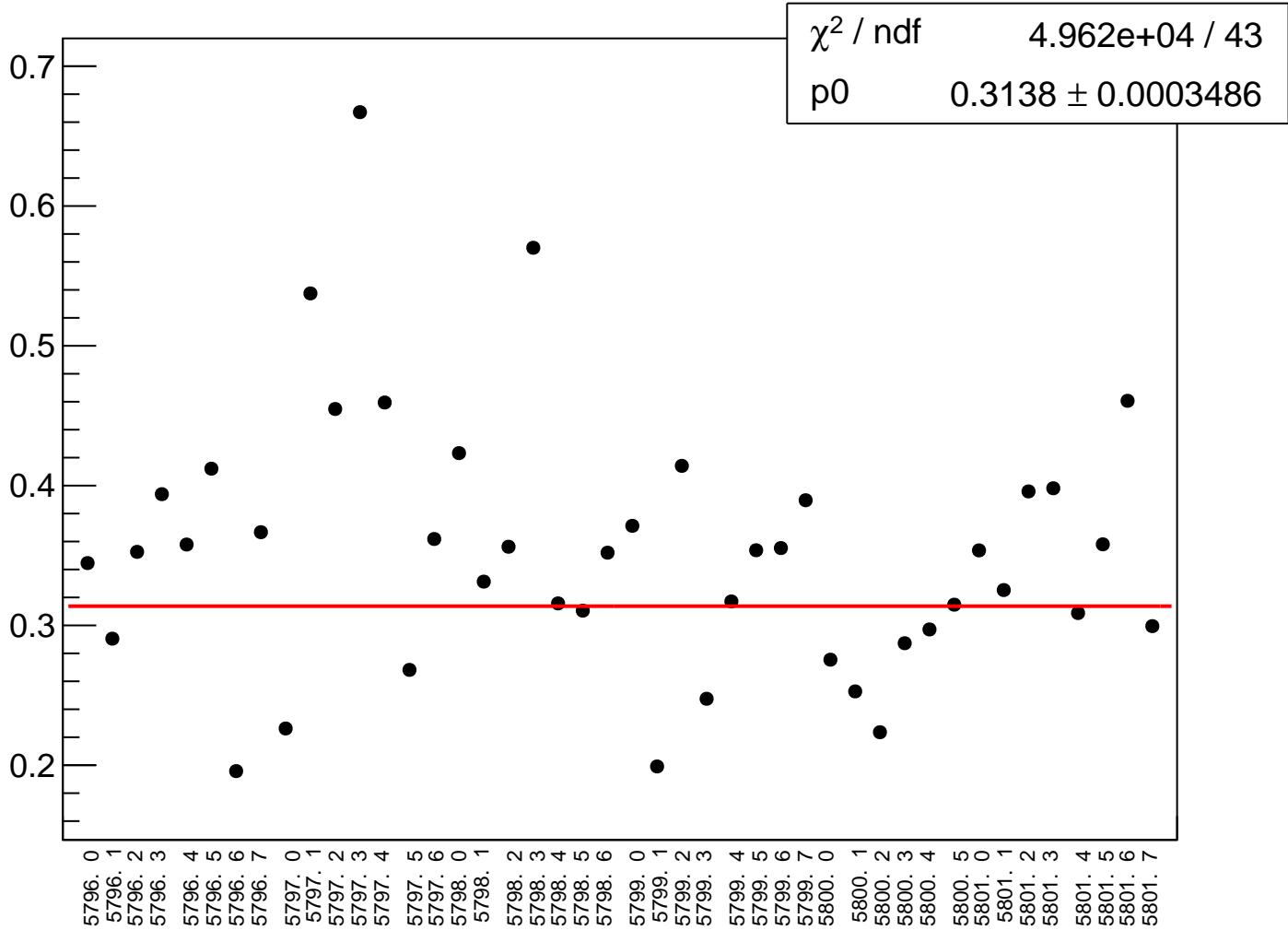
# yield\_bcm\_dg\_us\_rms vs run



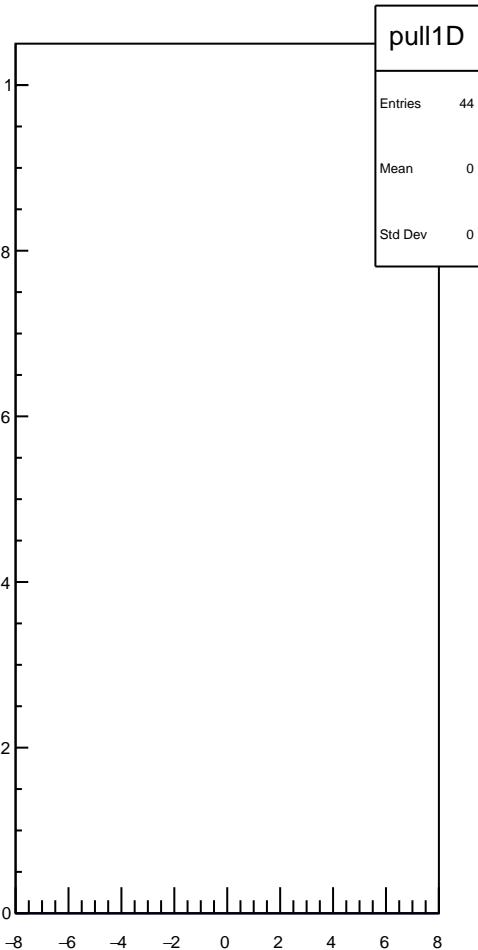
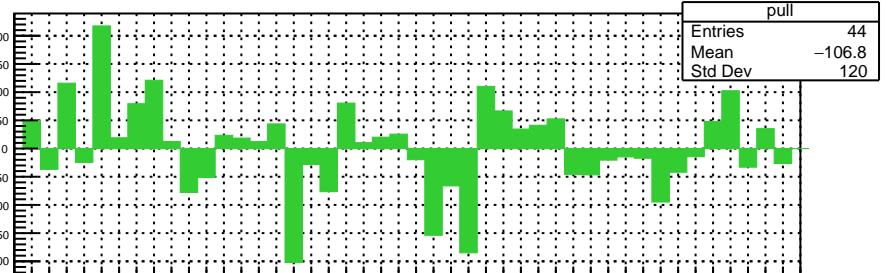
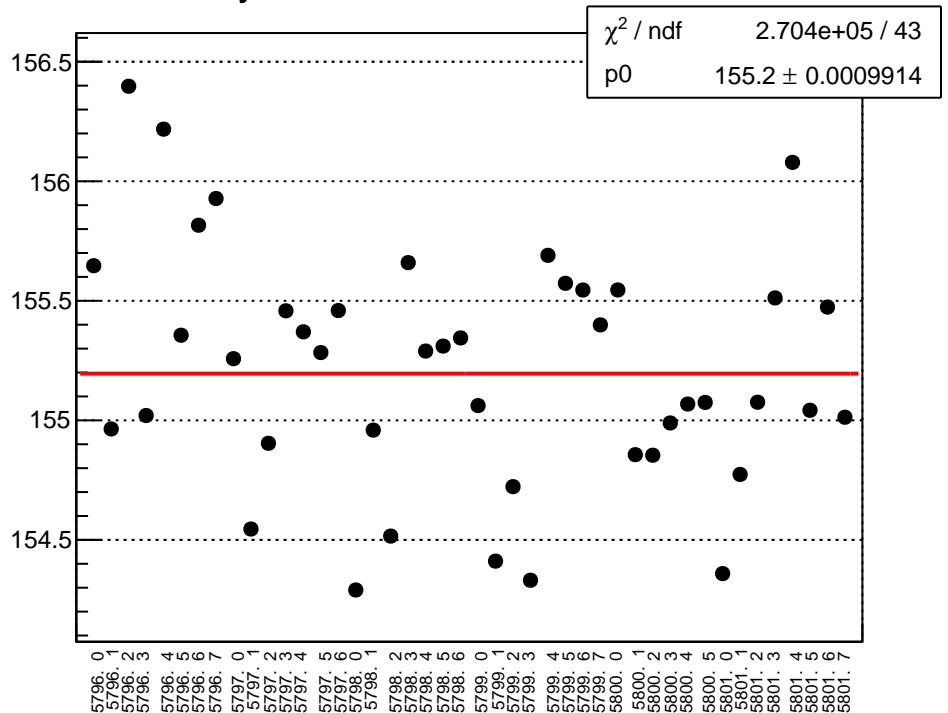
# yield\_bcm\_dg\_ds\_mean vs run



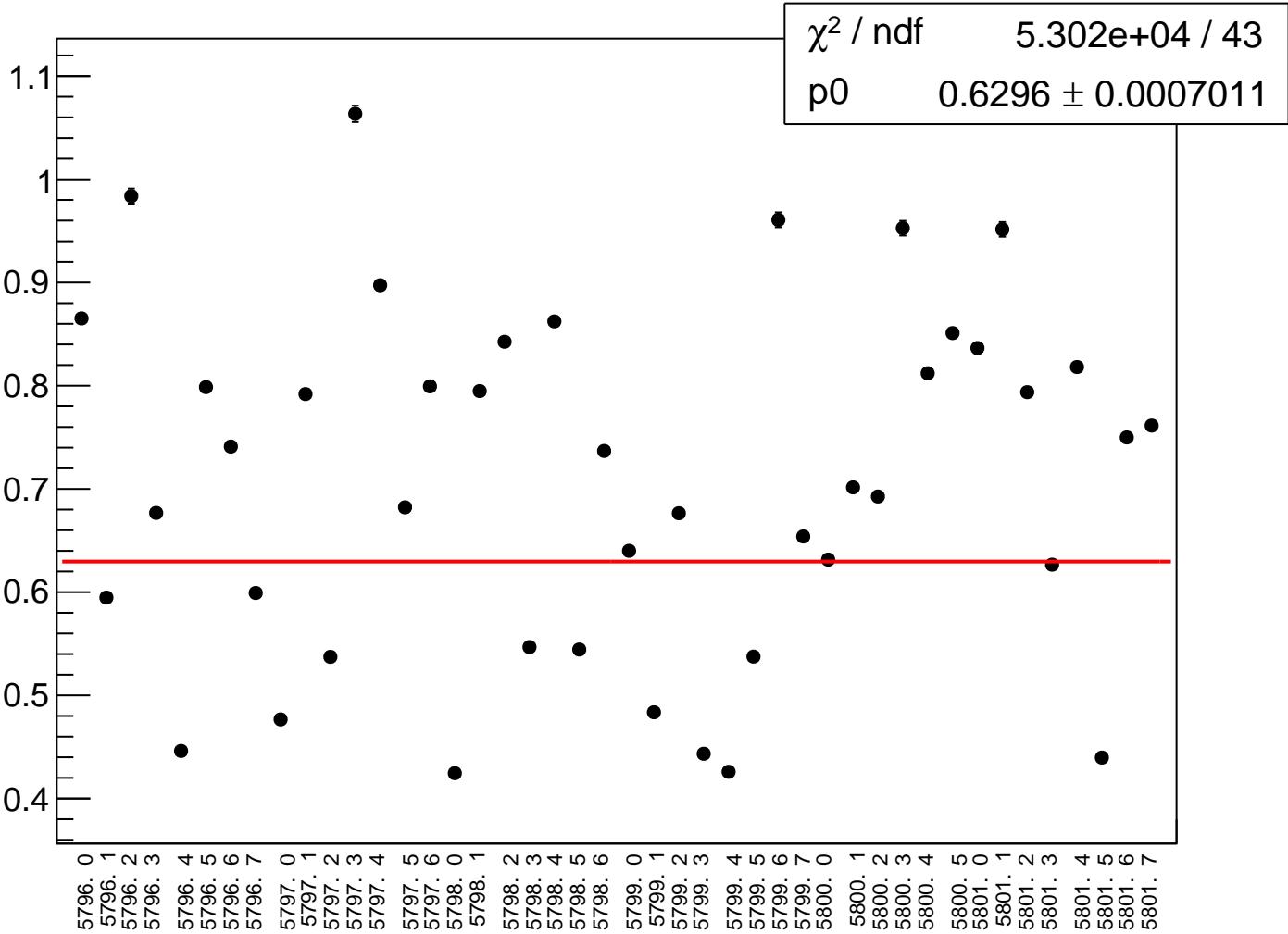
# yield\_bcm\_dg\_ds\_rms vs run



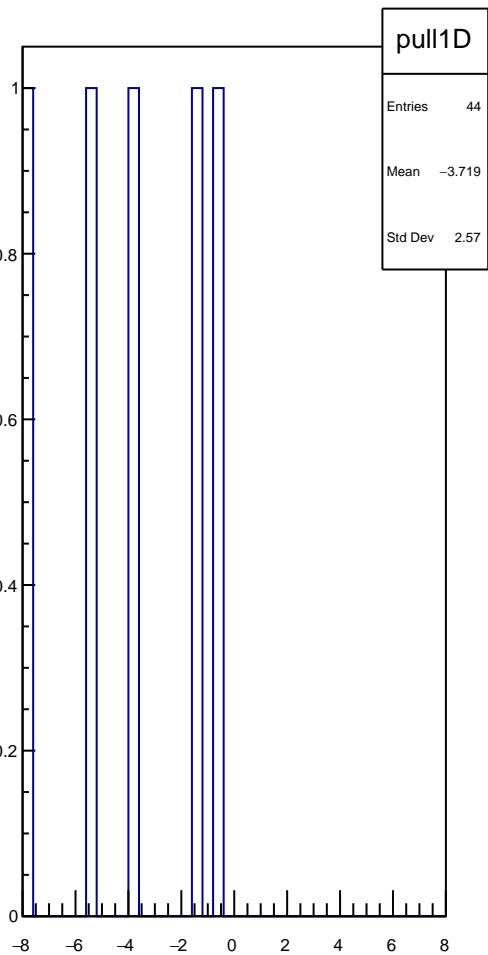
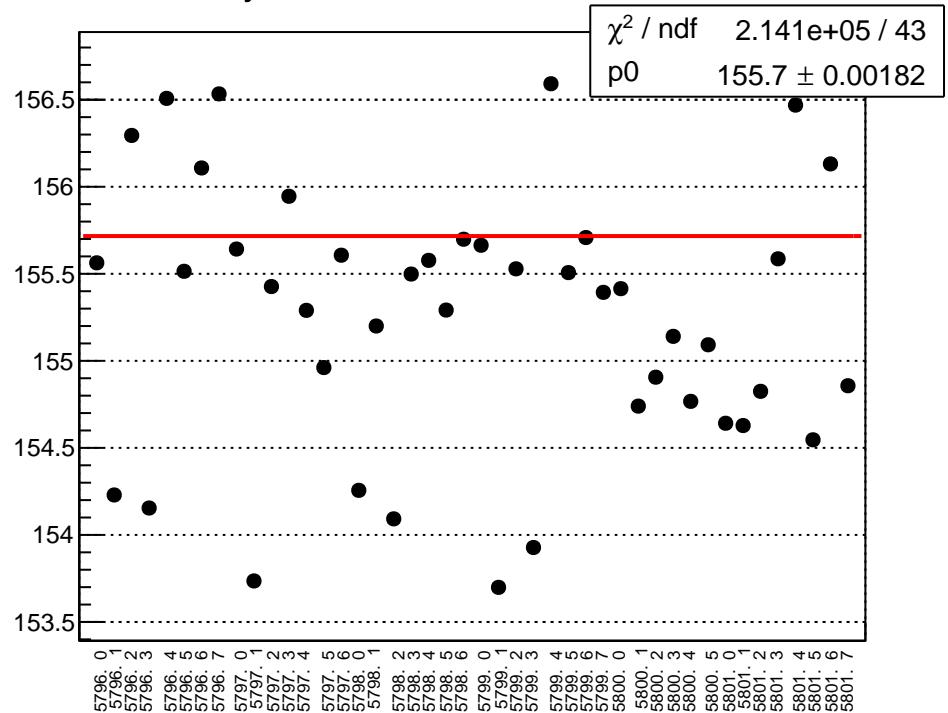
# yield\_cav4bQ\_mean vs run



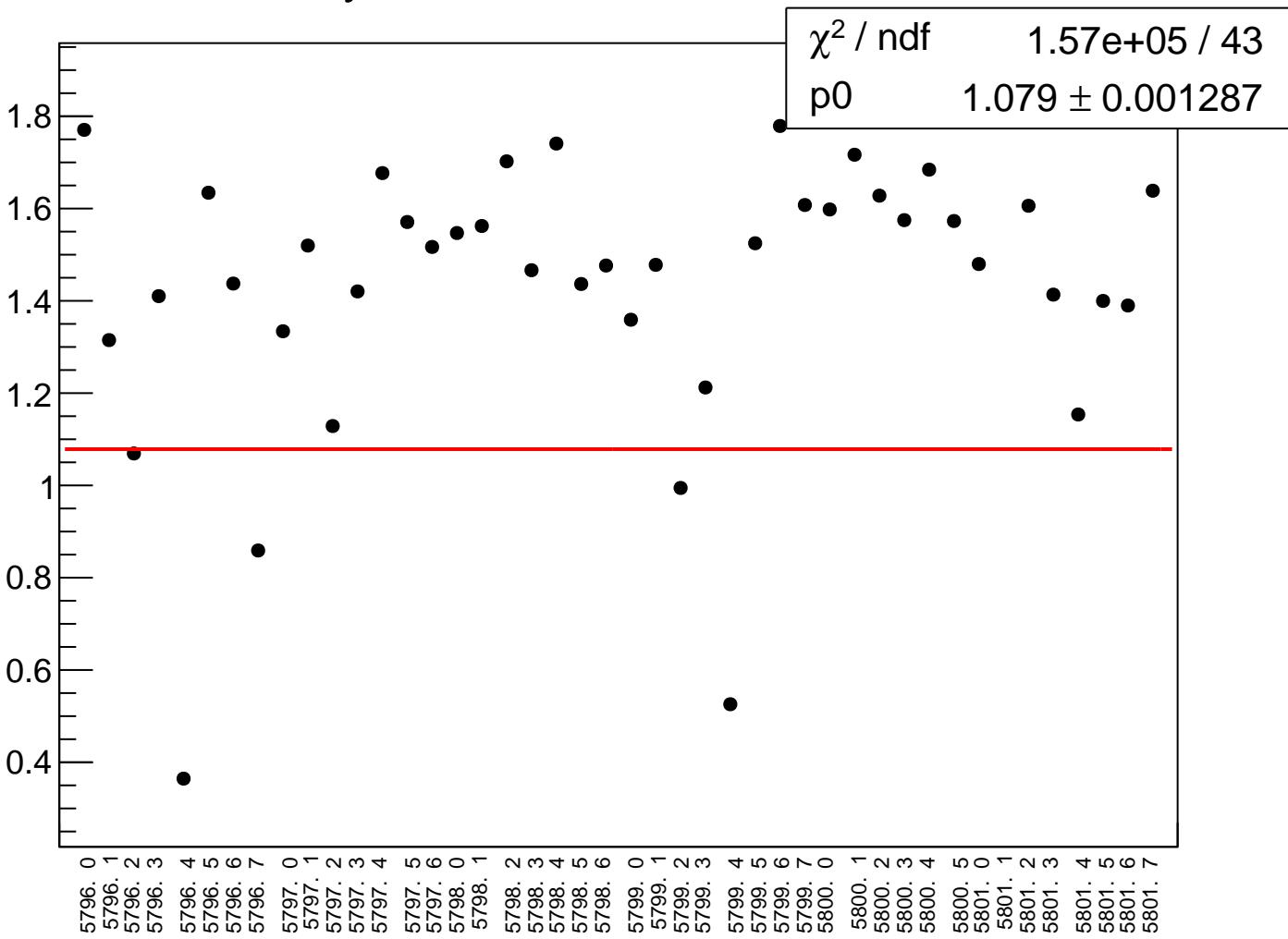
# yield\_cav4bQ\_rms vs run



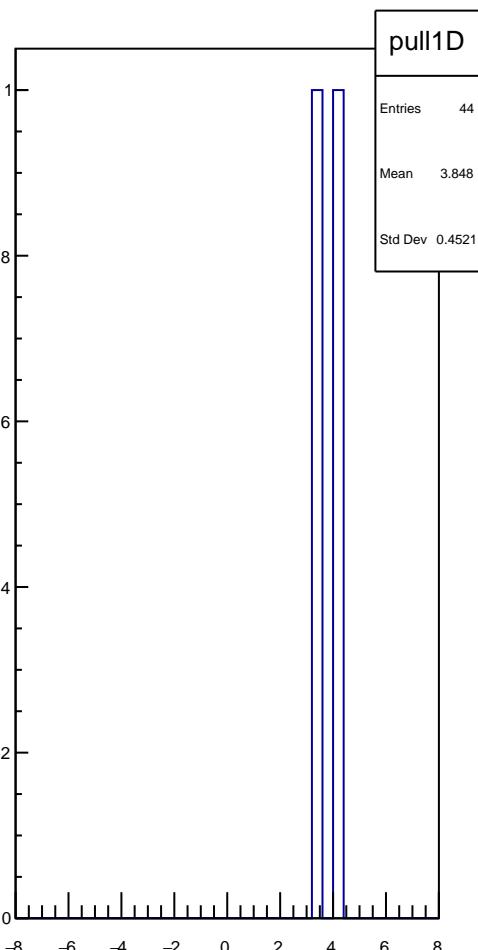
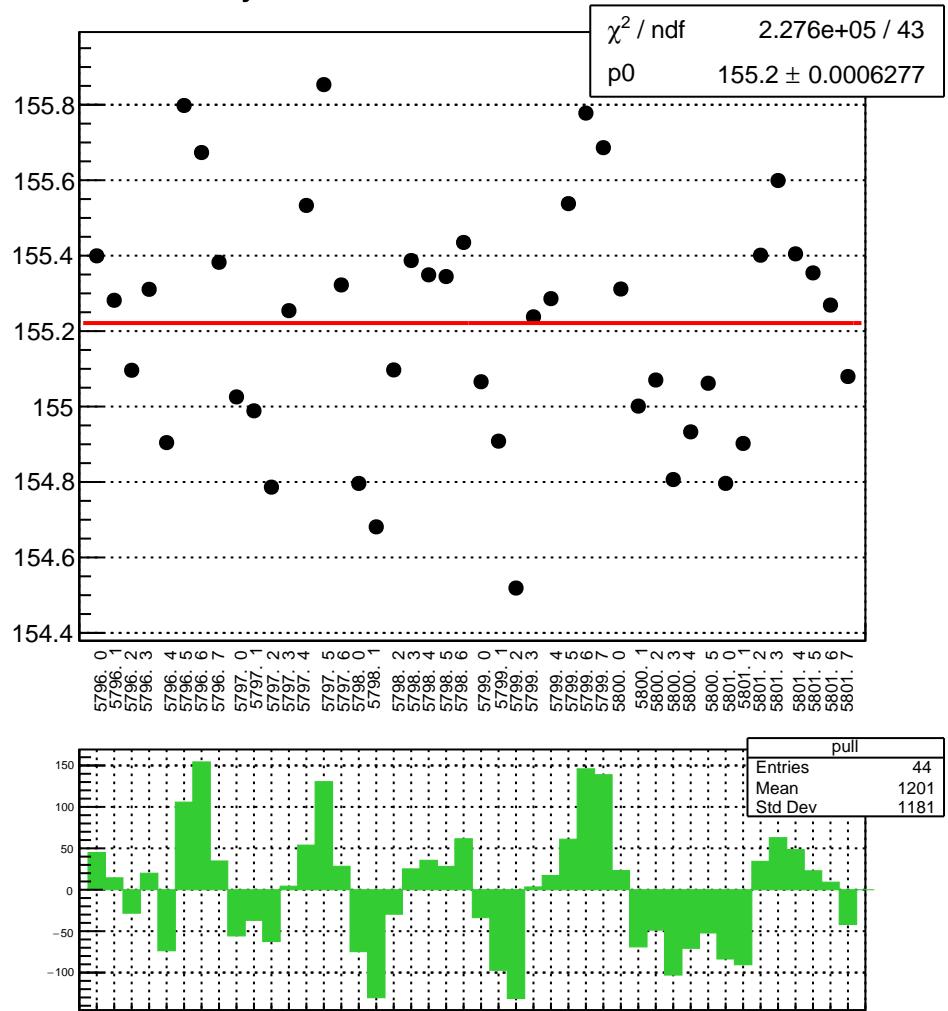
# yield\_cav4cQ\_mean vs run



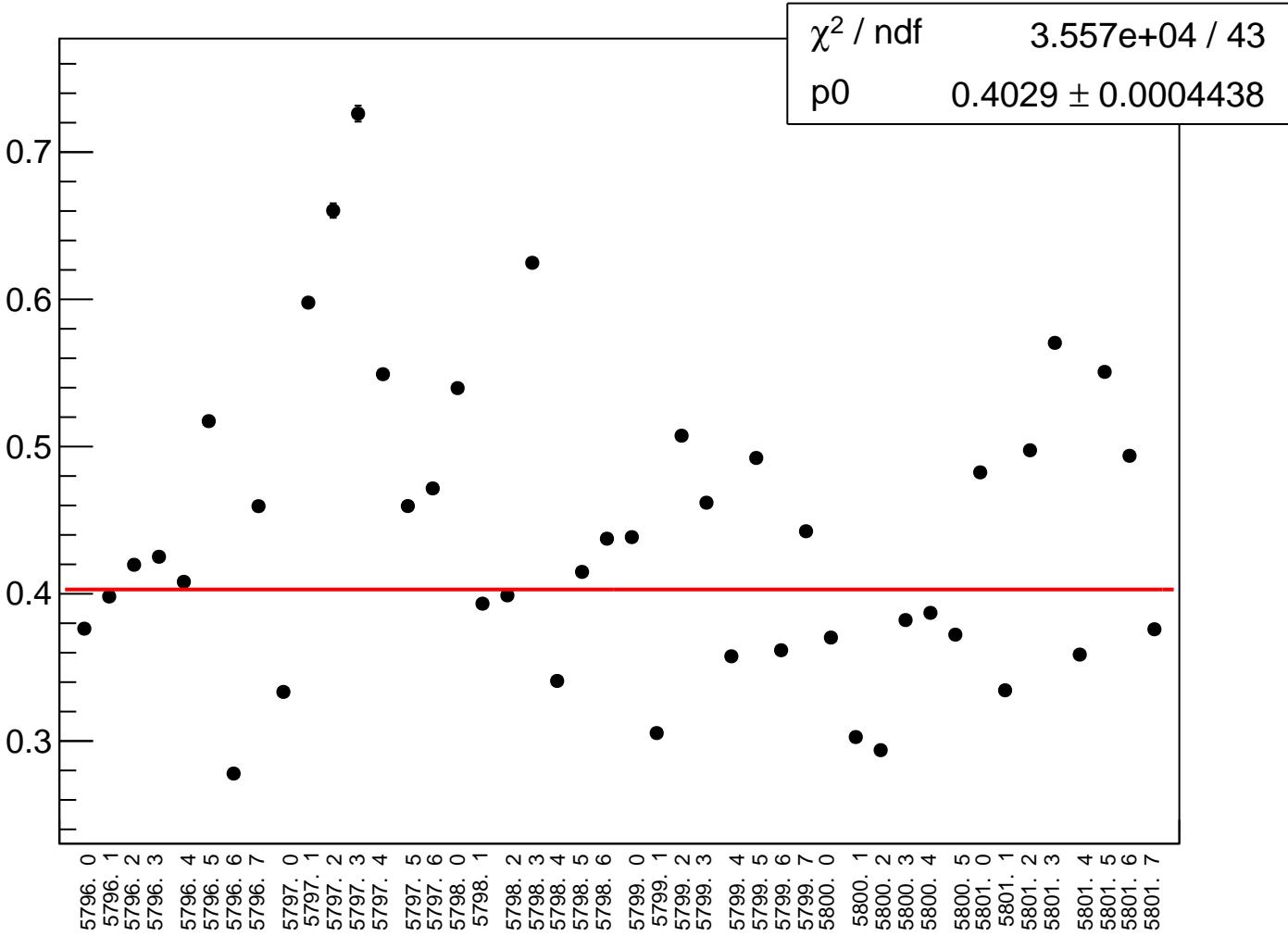
# yield\_cav4cQ\_rms vs run



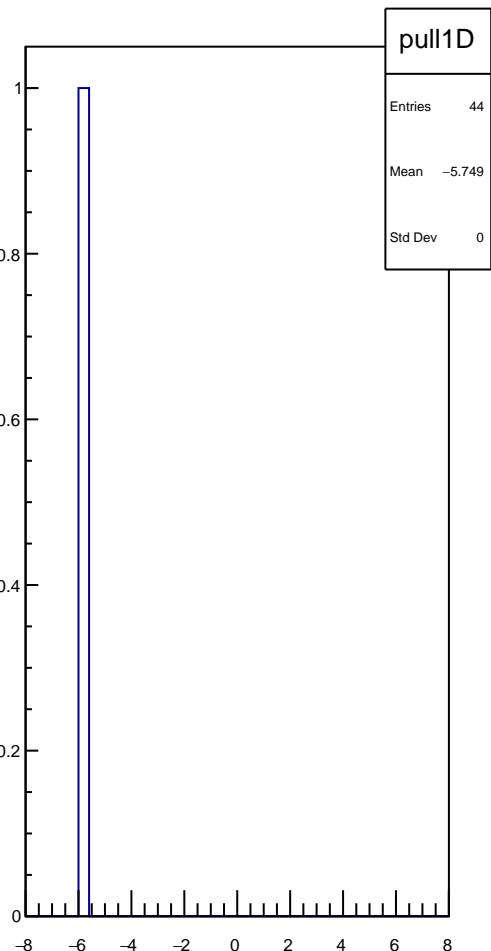
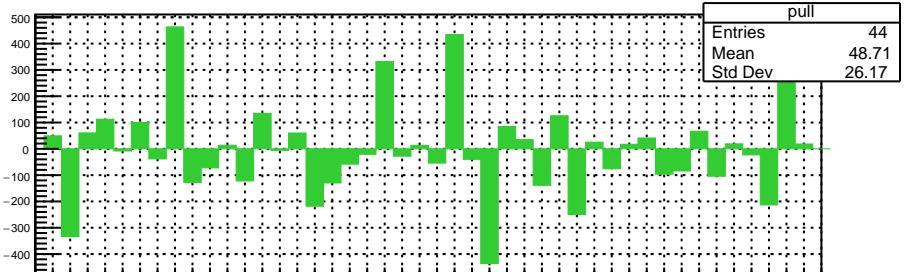
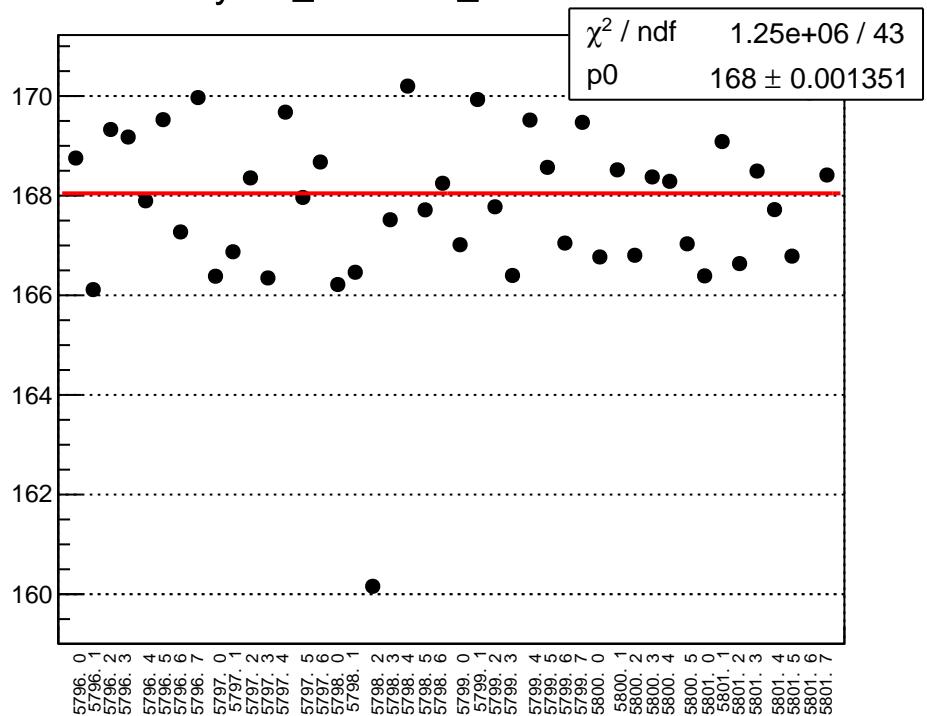
# yield\_cav4dQ\_mean vs run



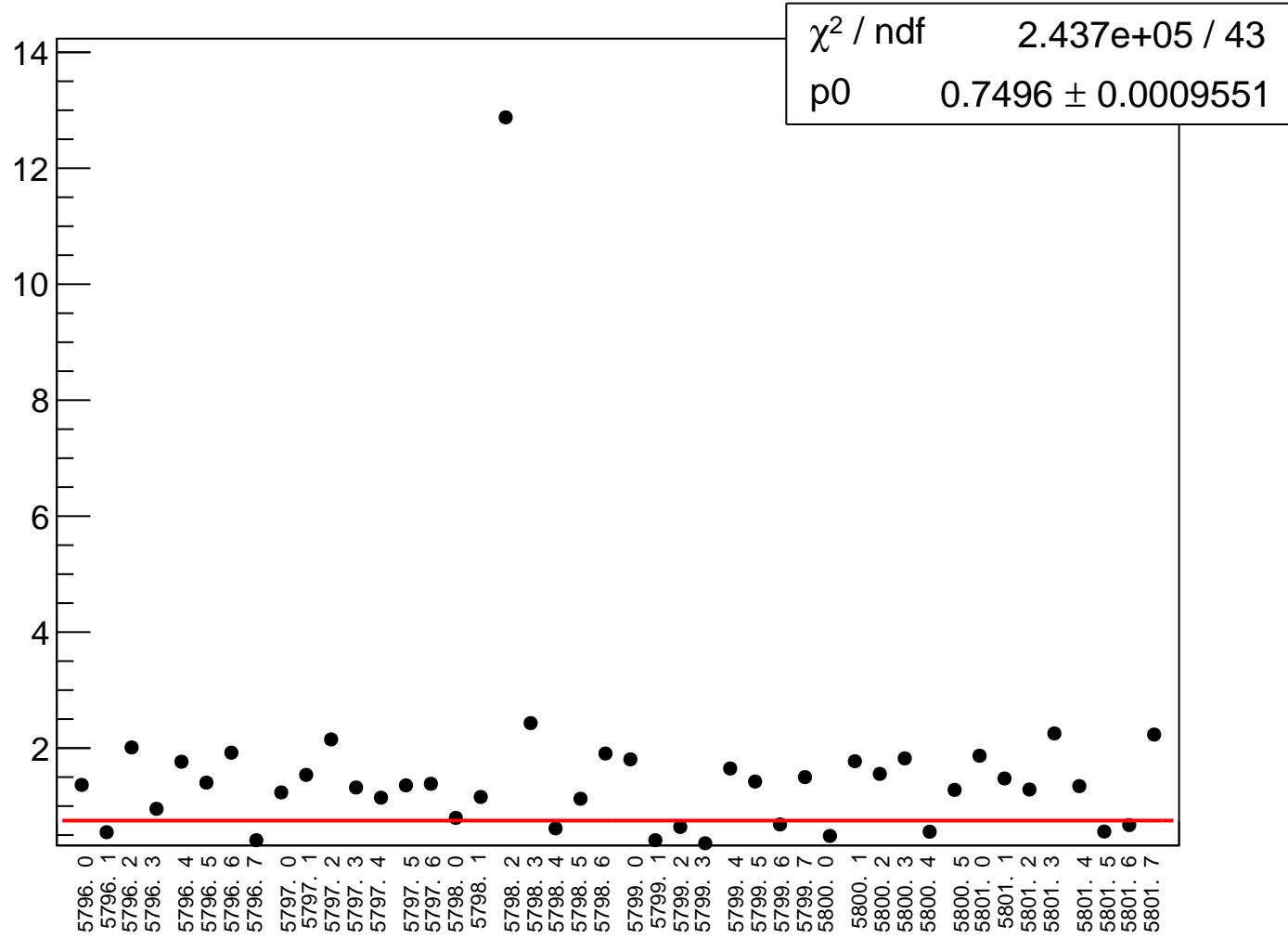
# yield\_cav4dQ\_rms vs run



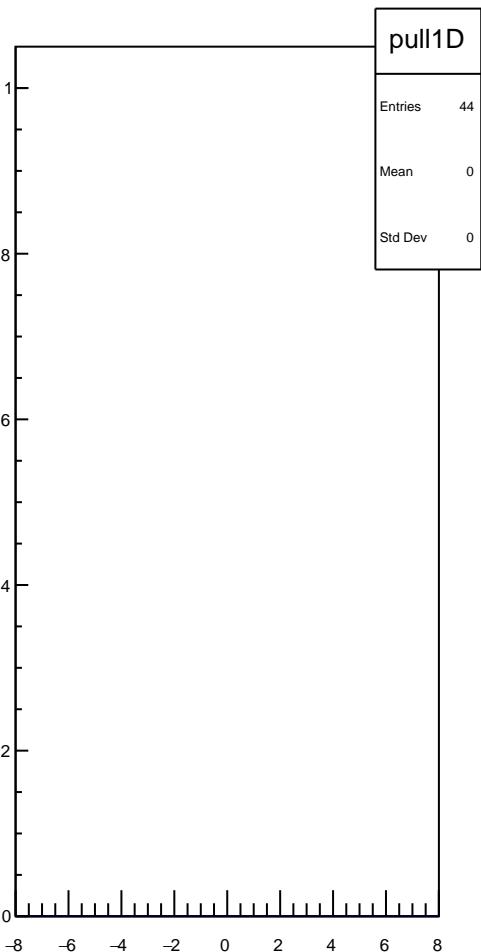
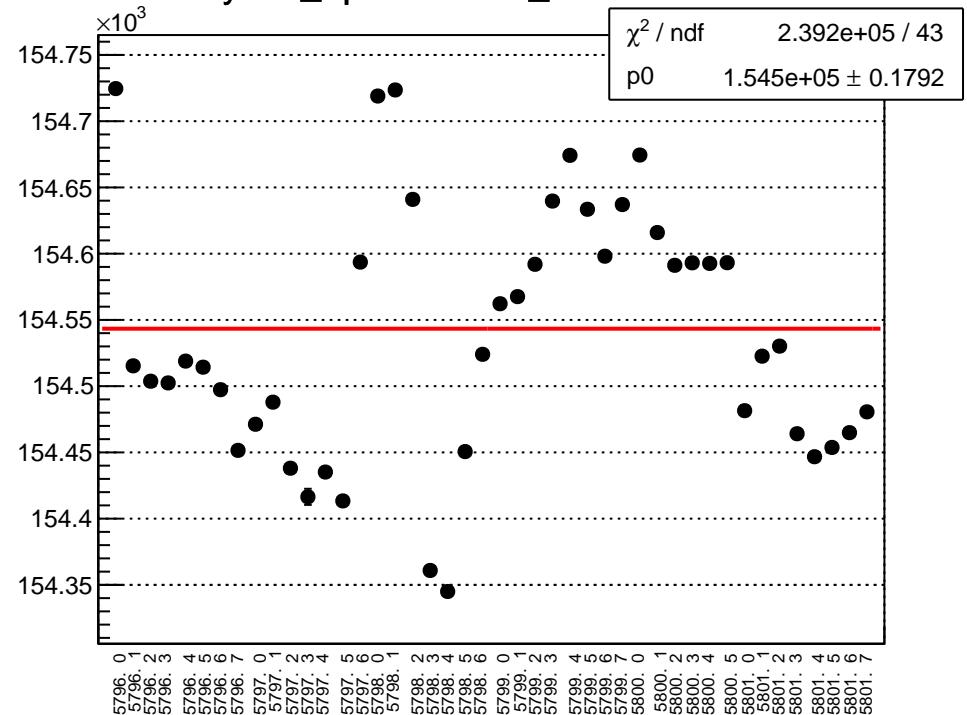
# yield\_bcm0l02\_mean vs run



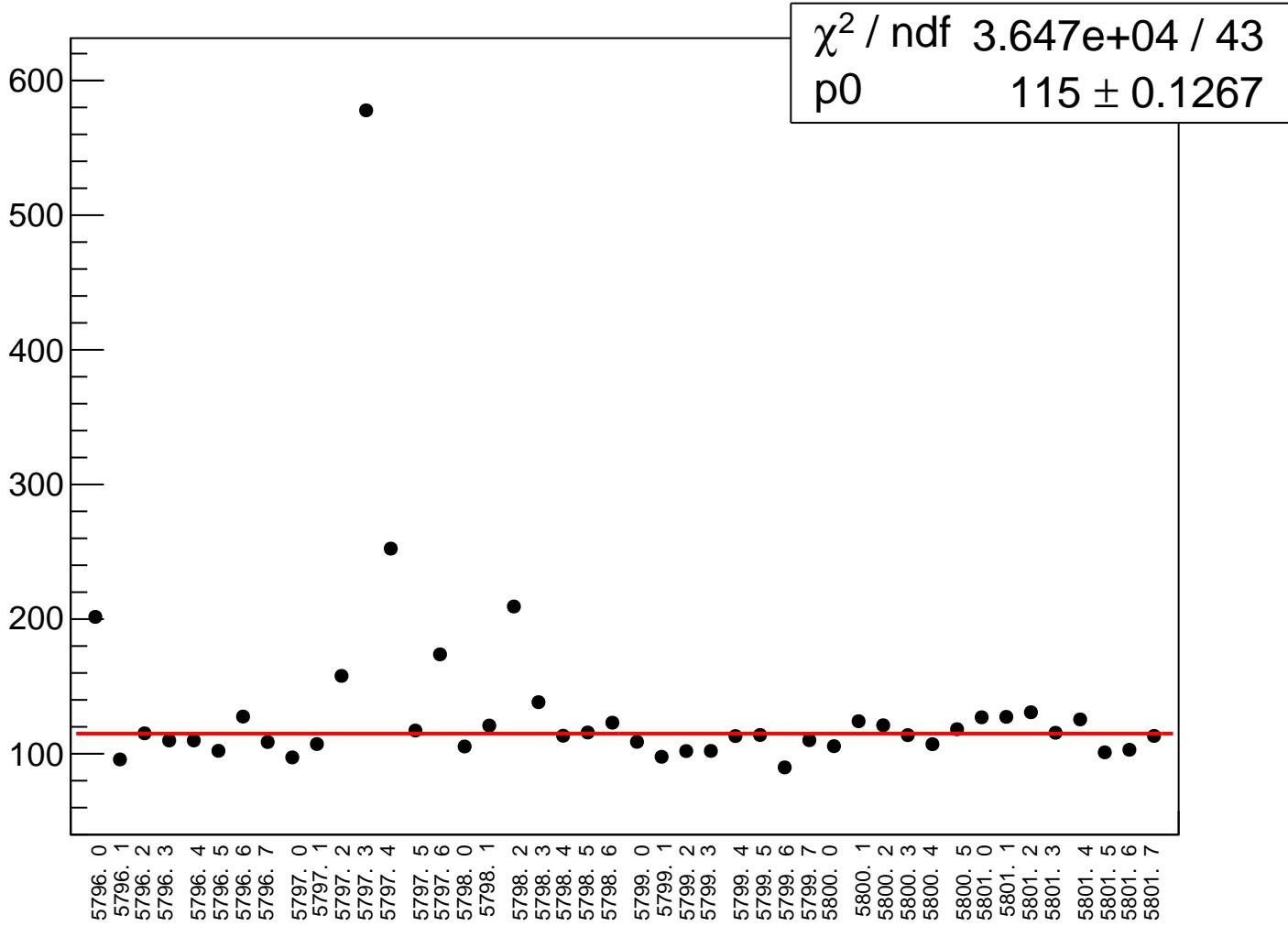
# yield\_bcm0l02\_rms vs run



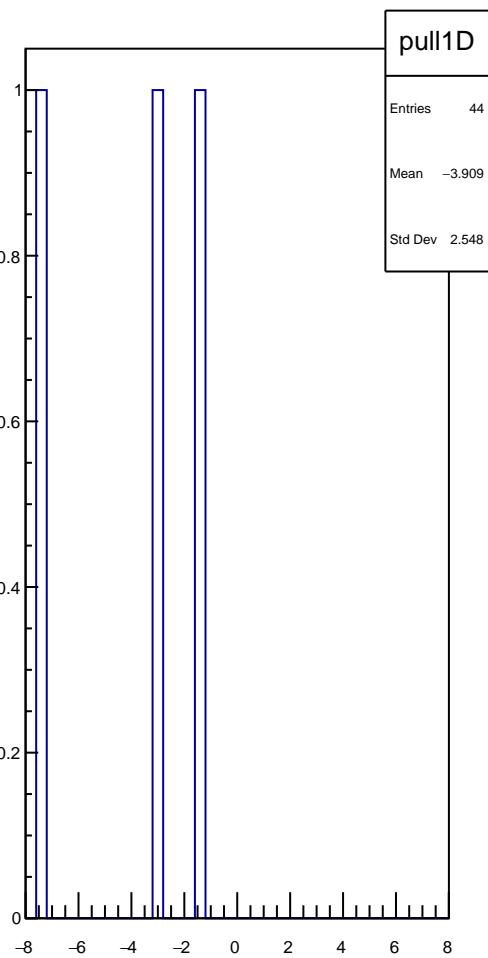
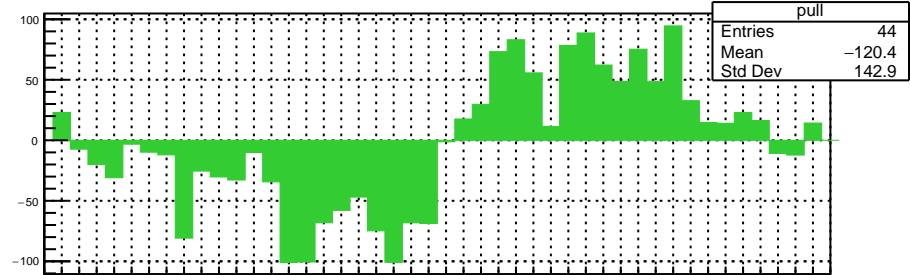
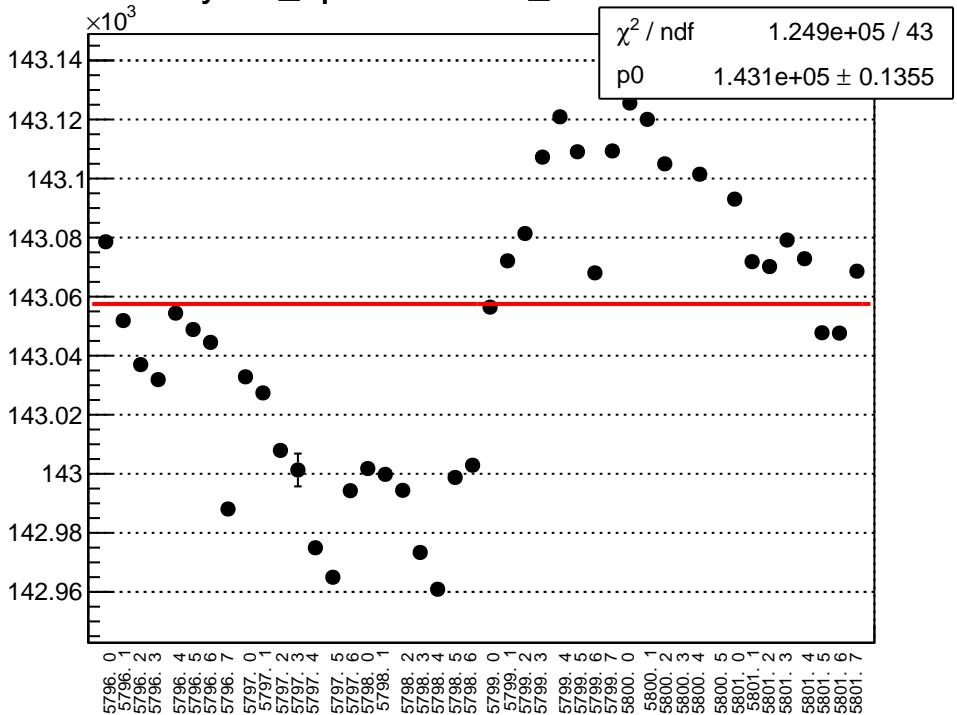
# yield\_bpm0i01WS\_mean vs run



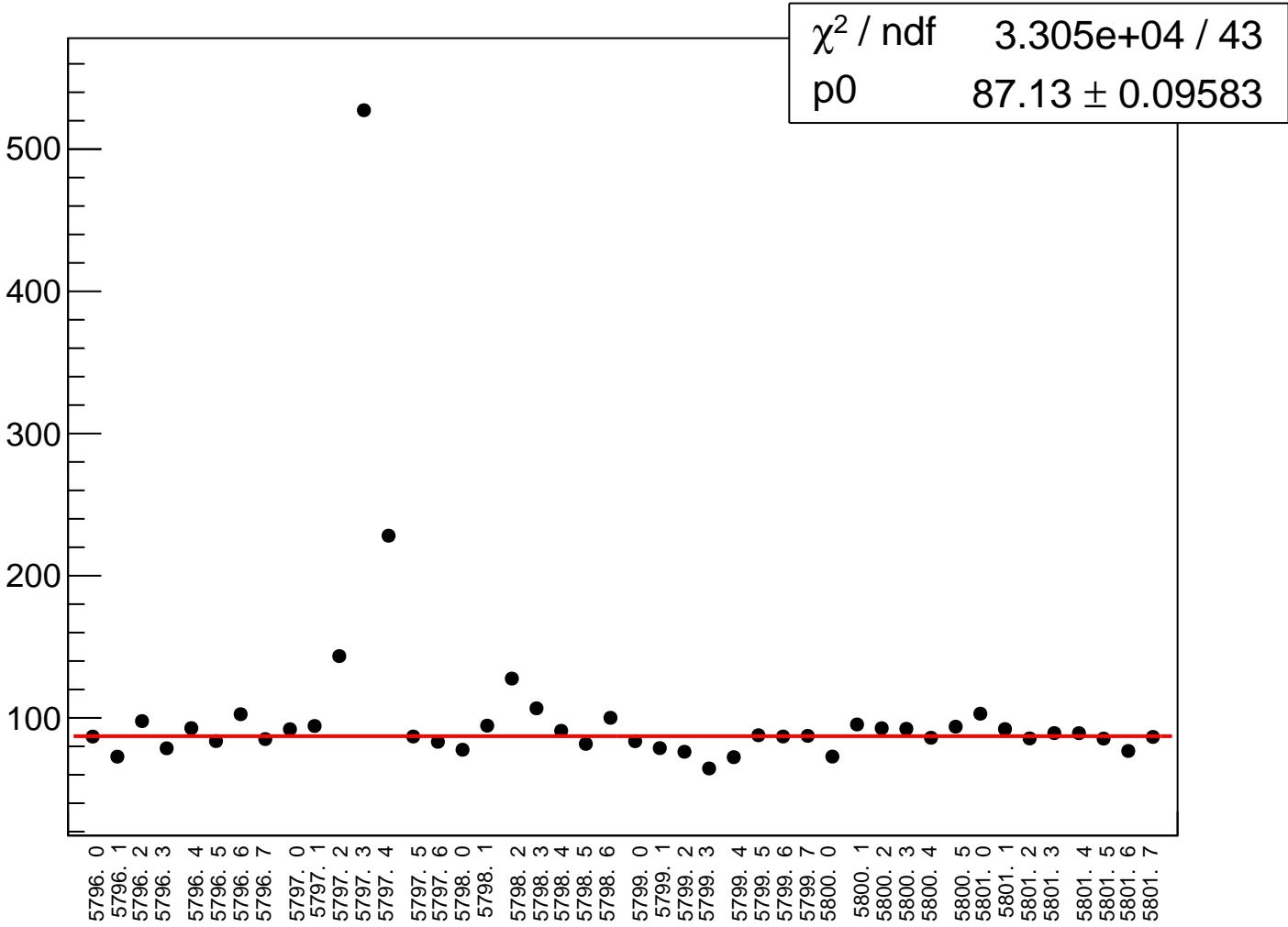
# yield\_bpm0i01WS\_rms vs run



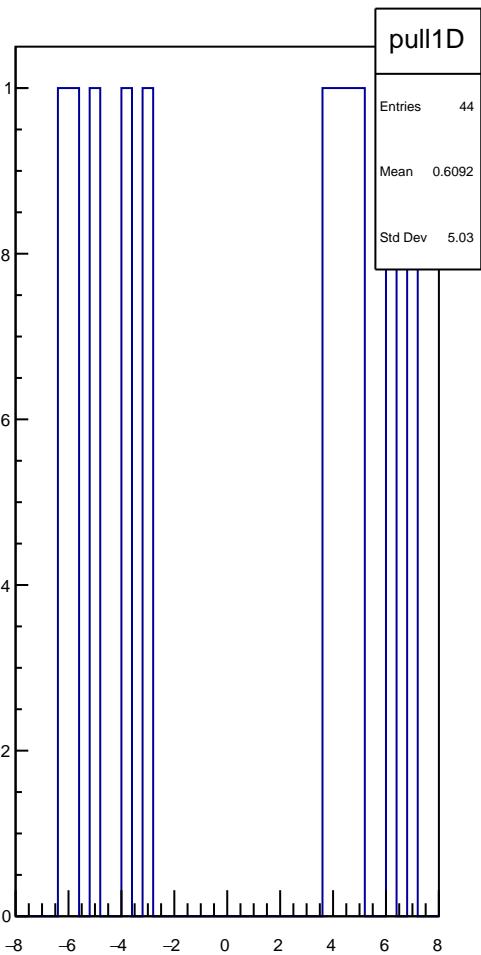
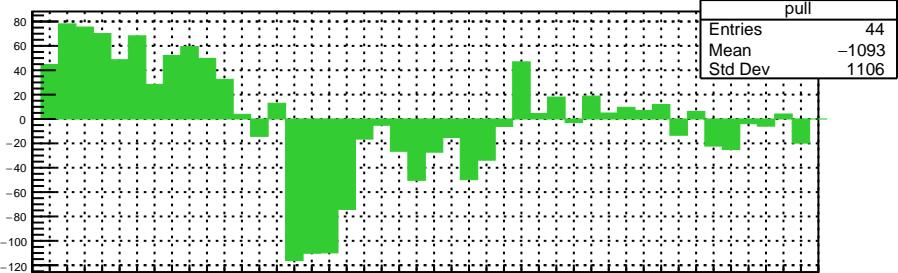
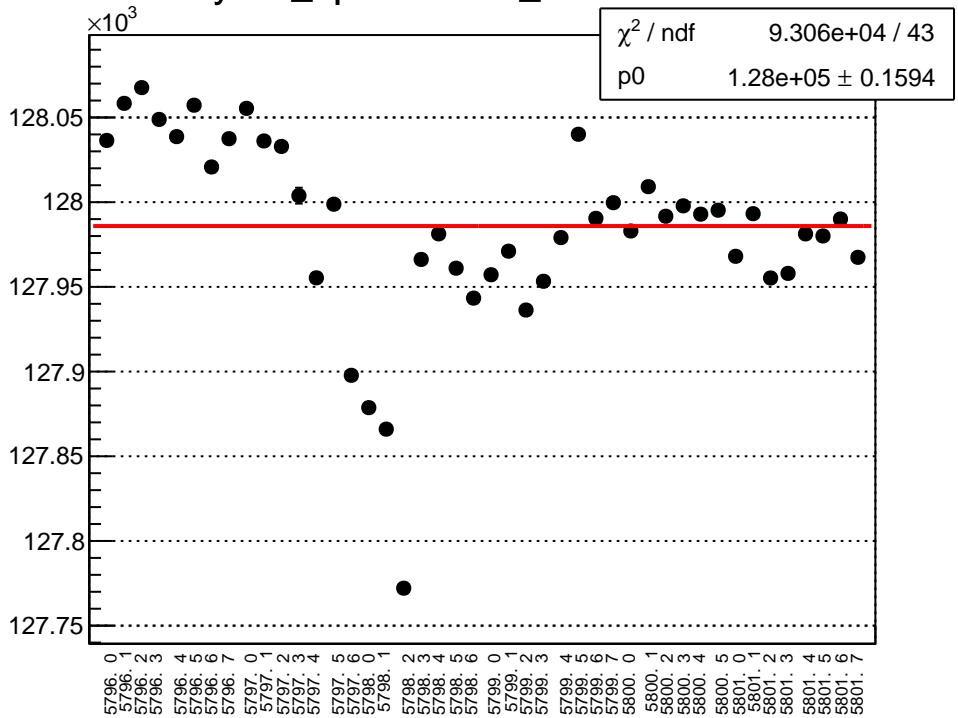
# yield\_bpm0i01aWS\_mean vs run



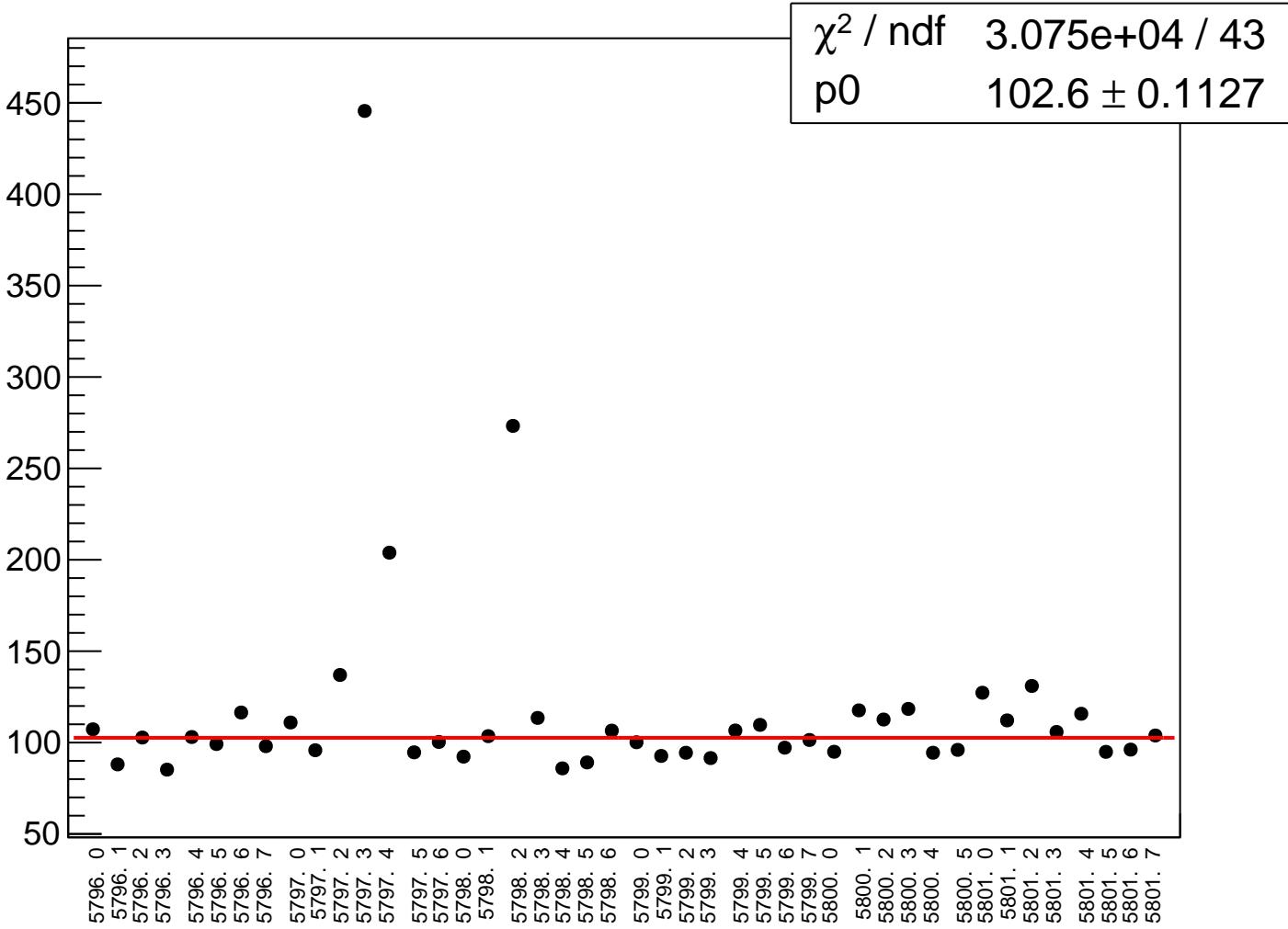
# yield\_bpm0i01aWS\_rms vs run



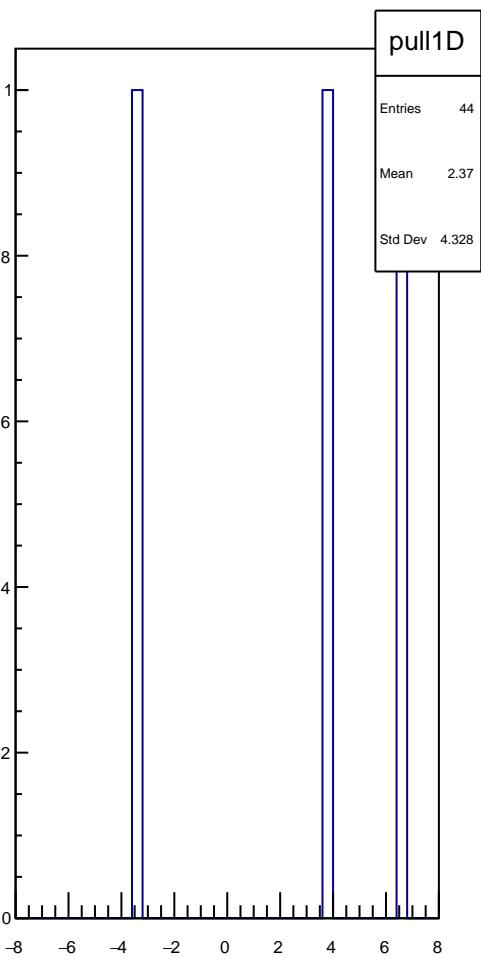
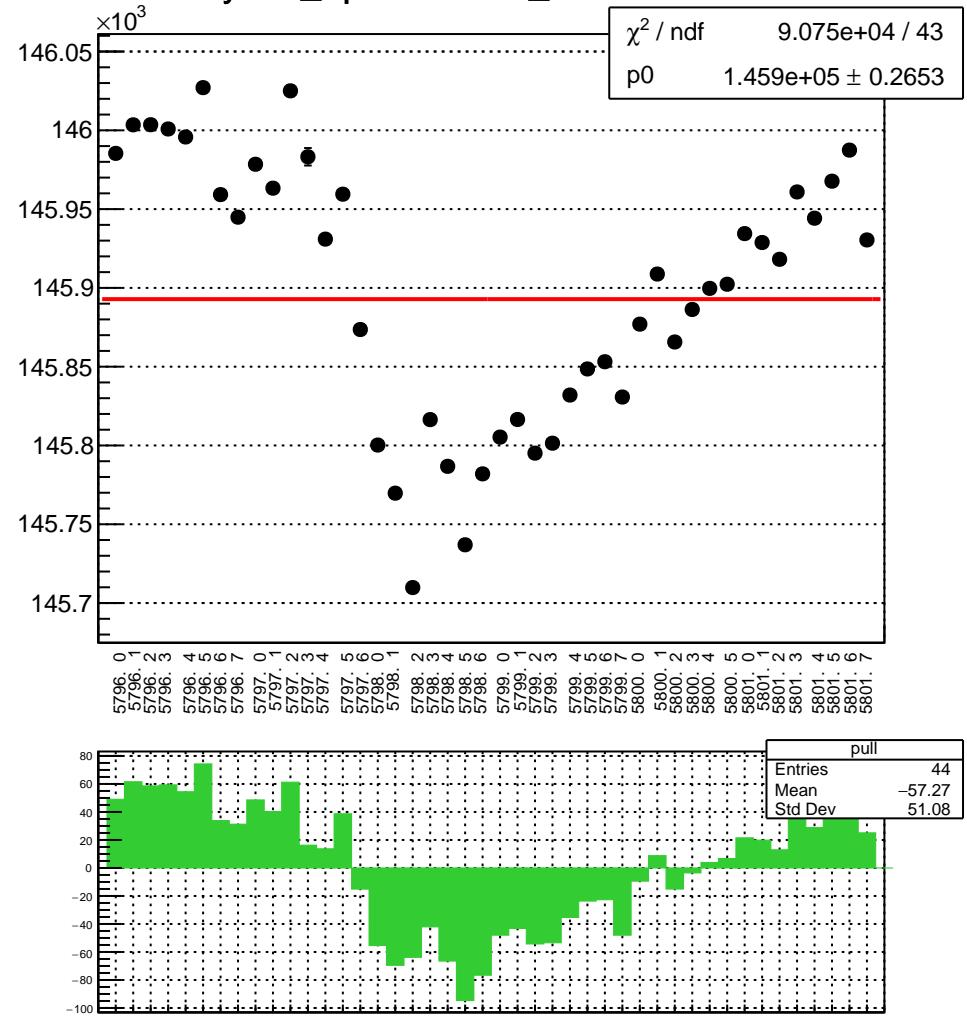
# yield\_bpm0l01WS\_mean vs run



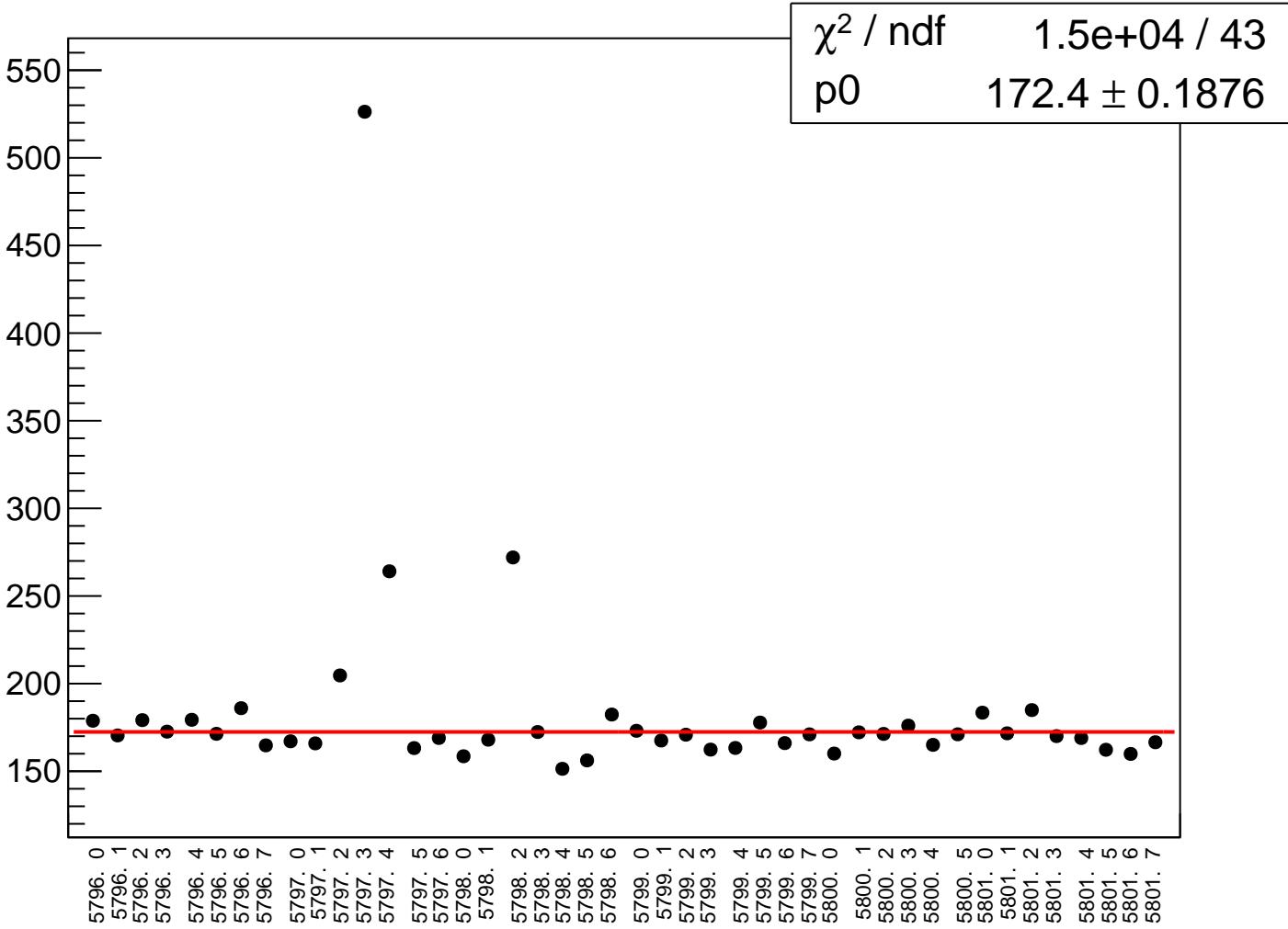
# yield\_bpm0l01WS\_rms vs run

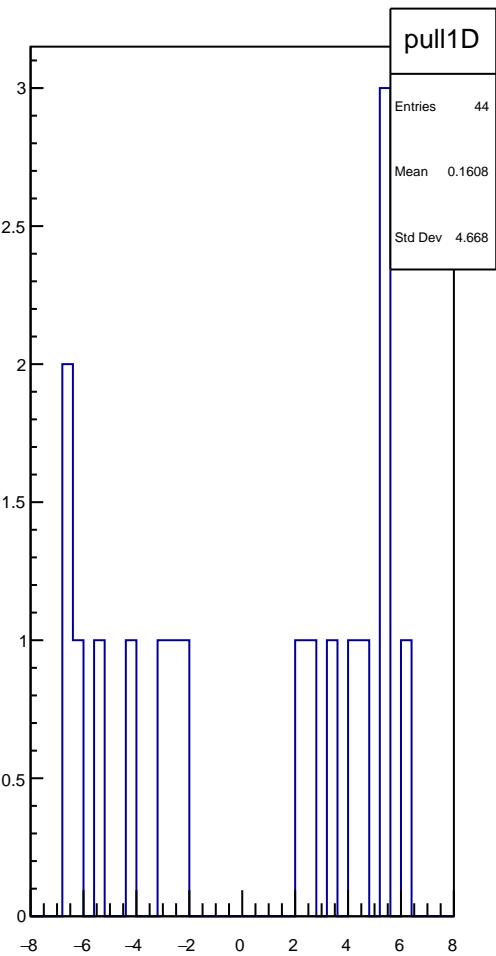
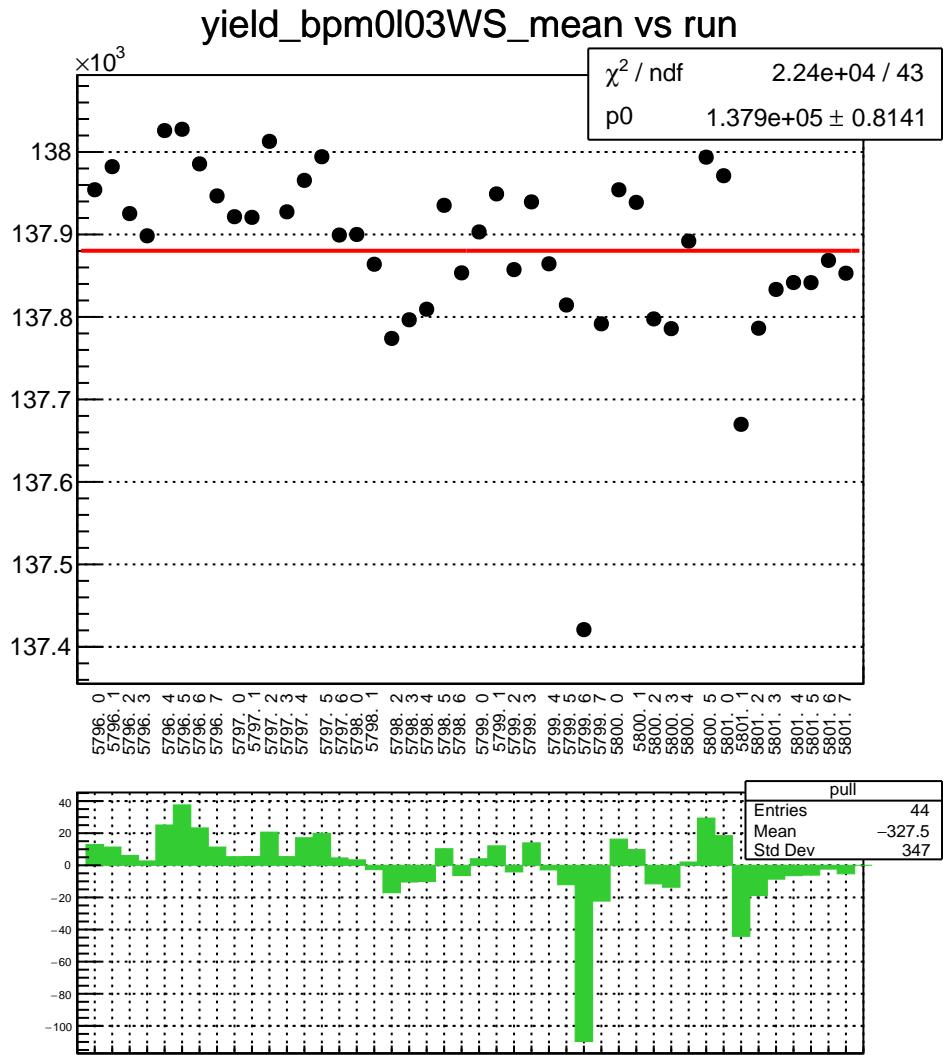


# yield\_bpm0l02WS\_mean vs run

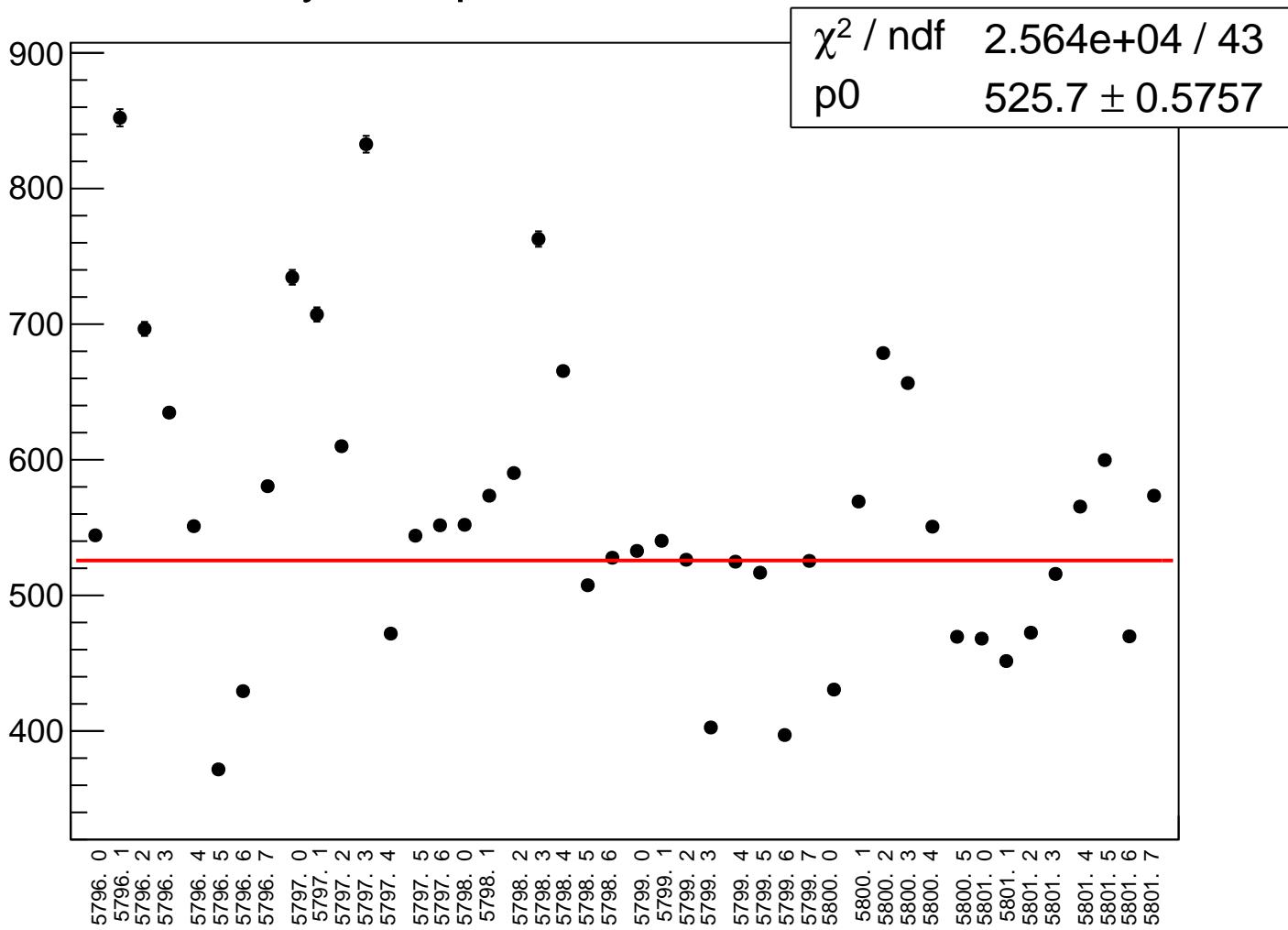


# yield\_bpm0l02WS\_rms vs run

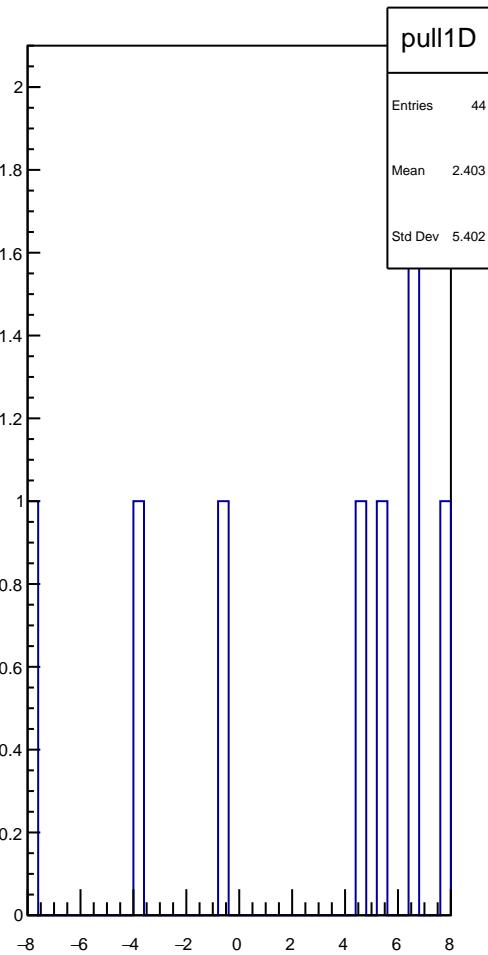
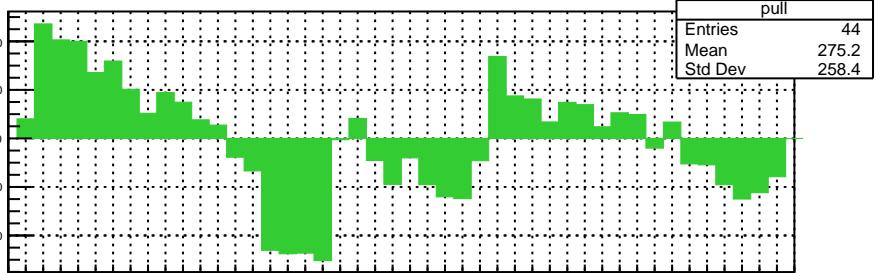
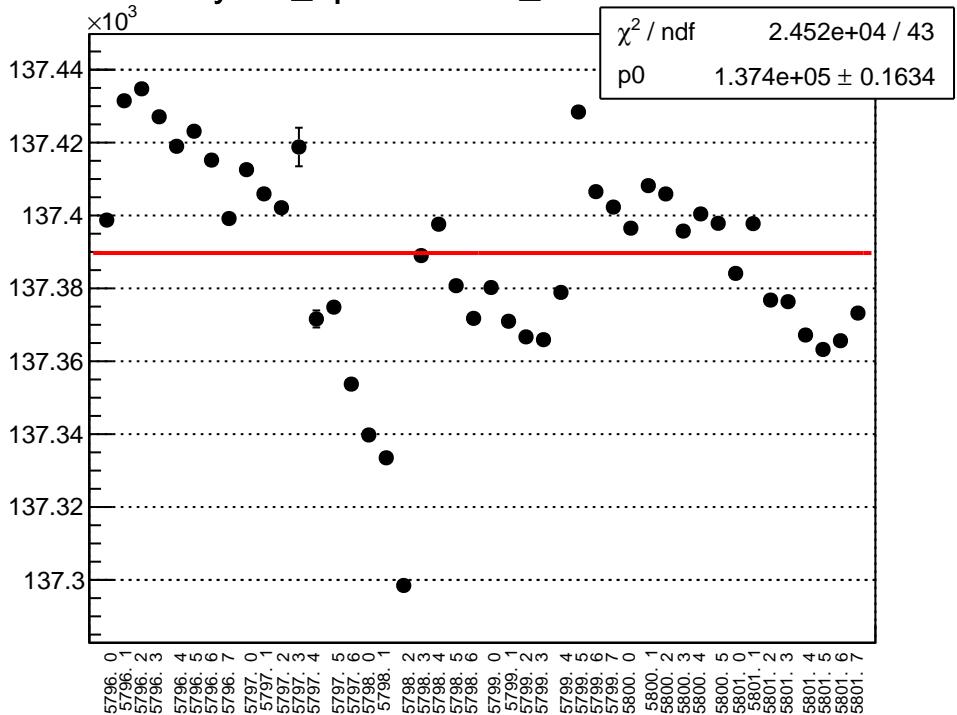




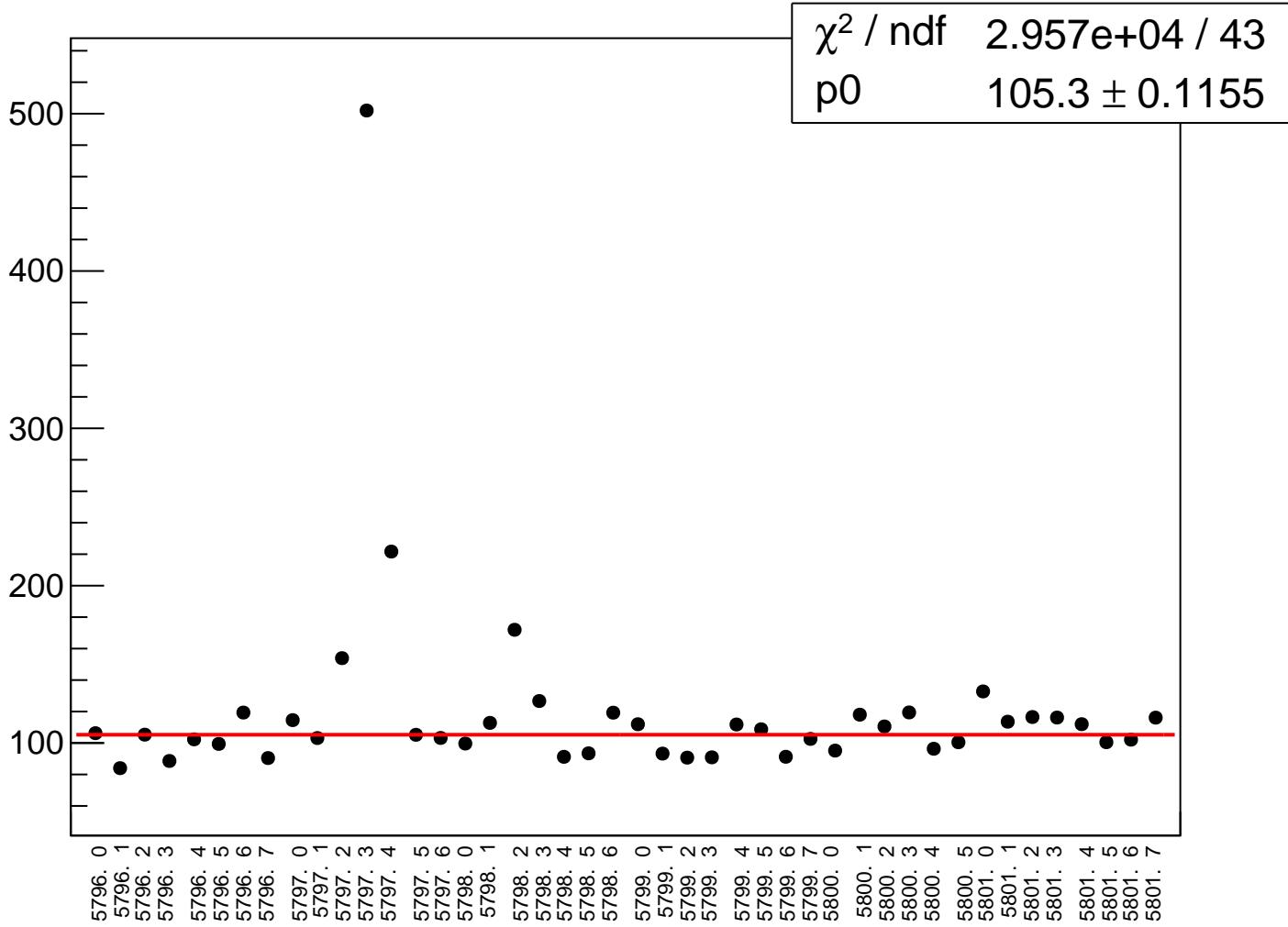
# yield\_bpm0l03WS\_rms vs run

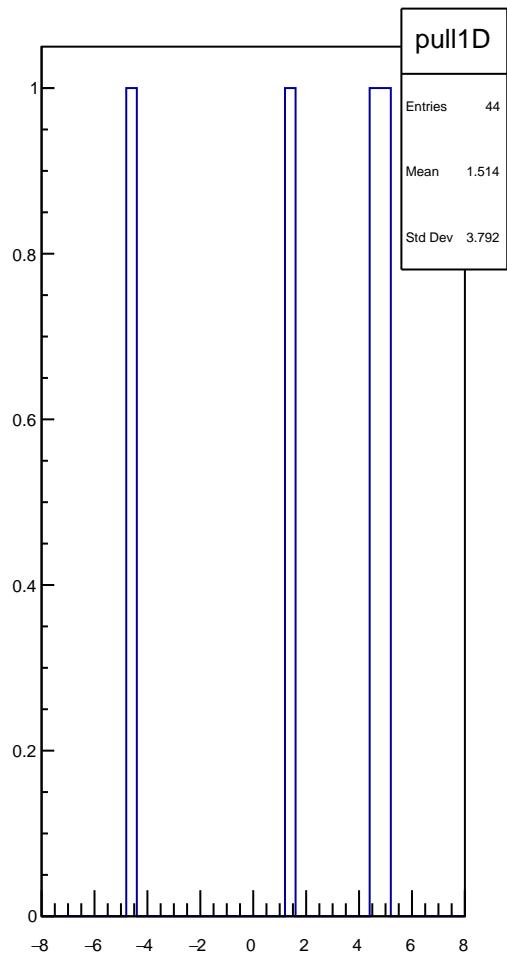
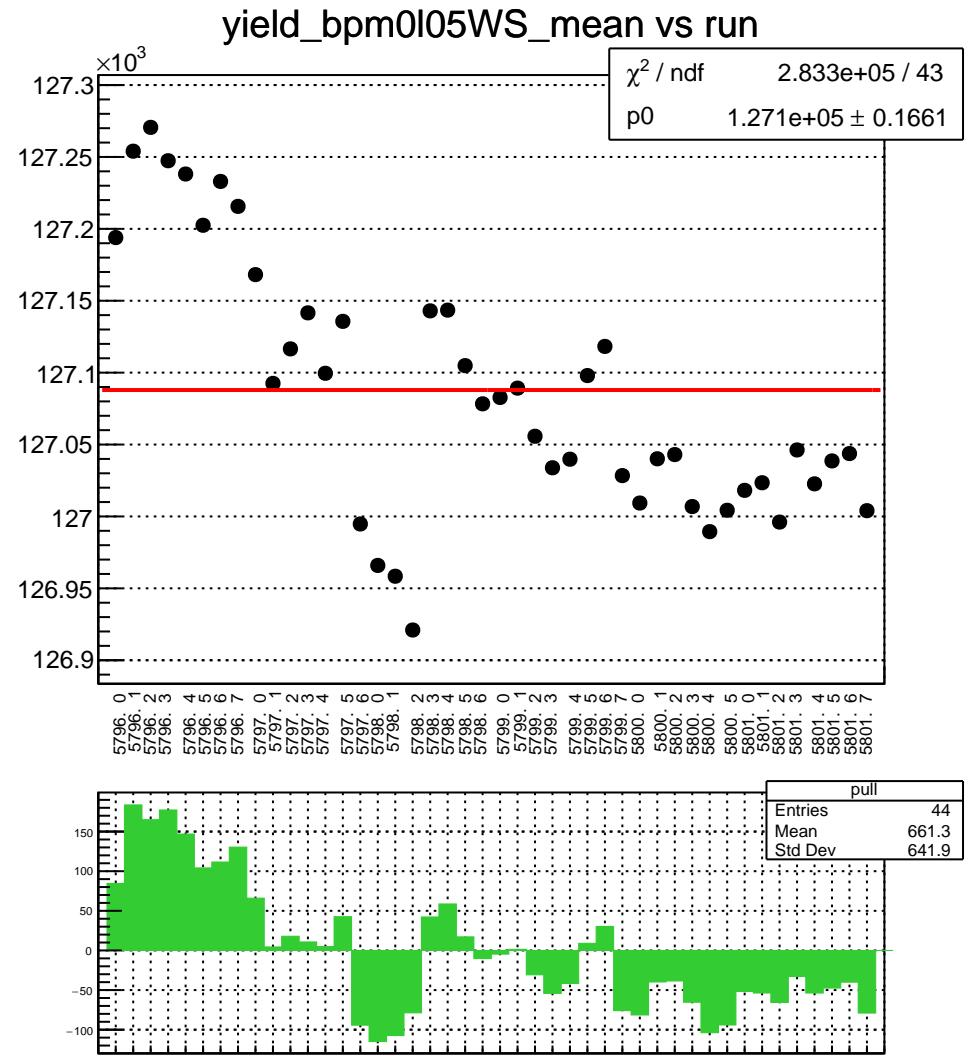


# yield\_bpm0l04WS\_mean vs run

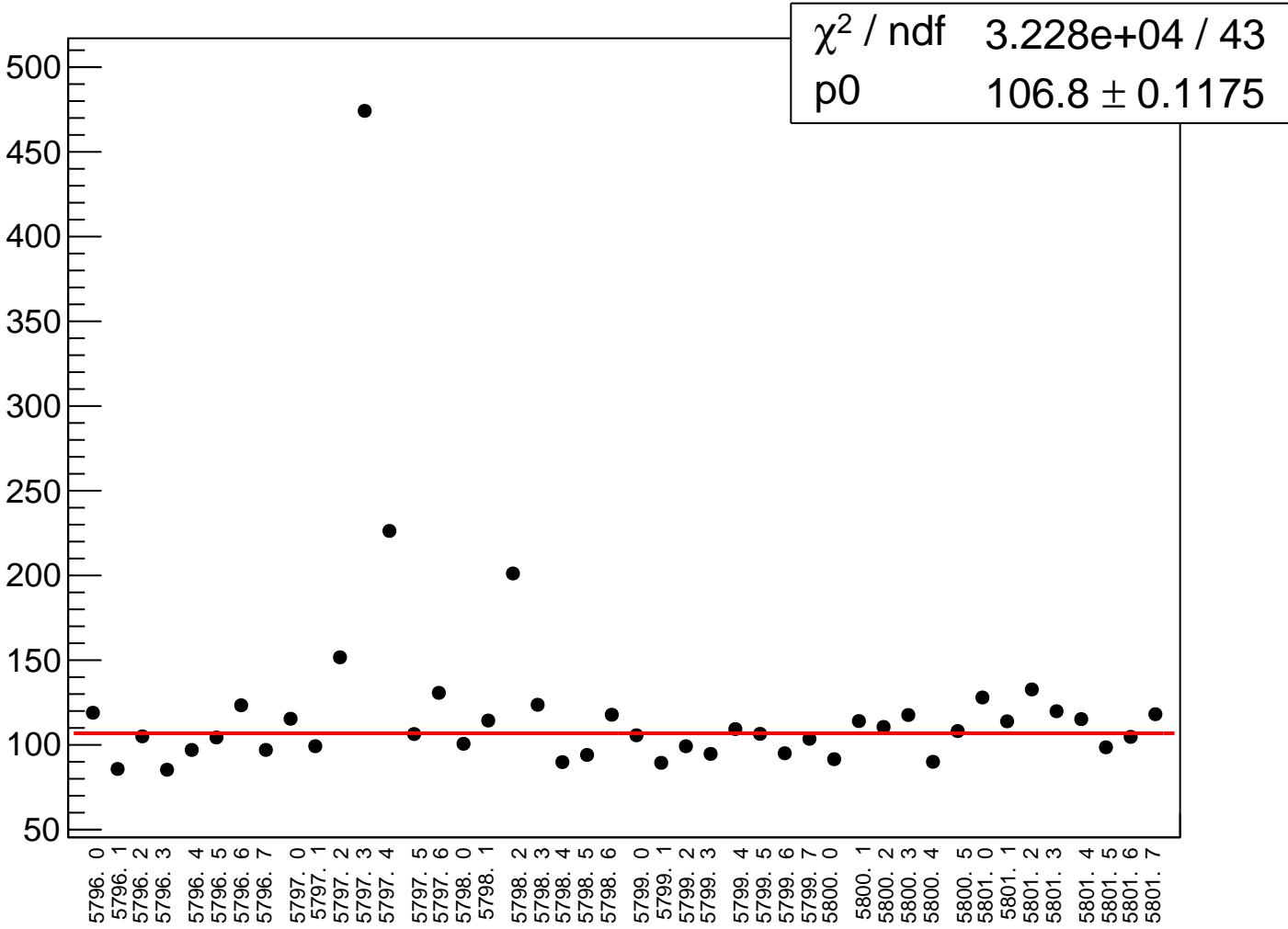


# yield\_bpm0l04WS\_rms vs run

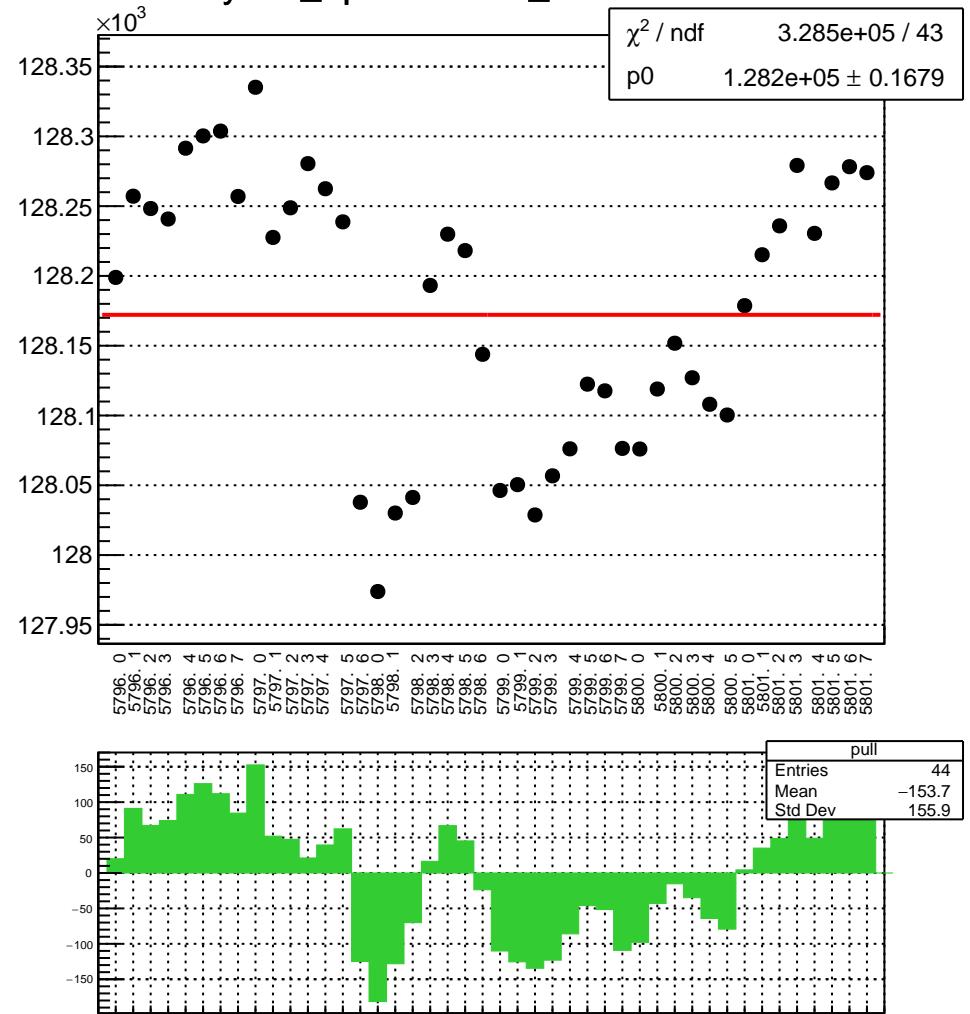




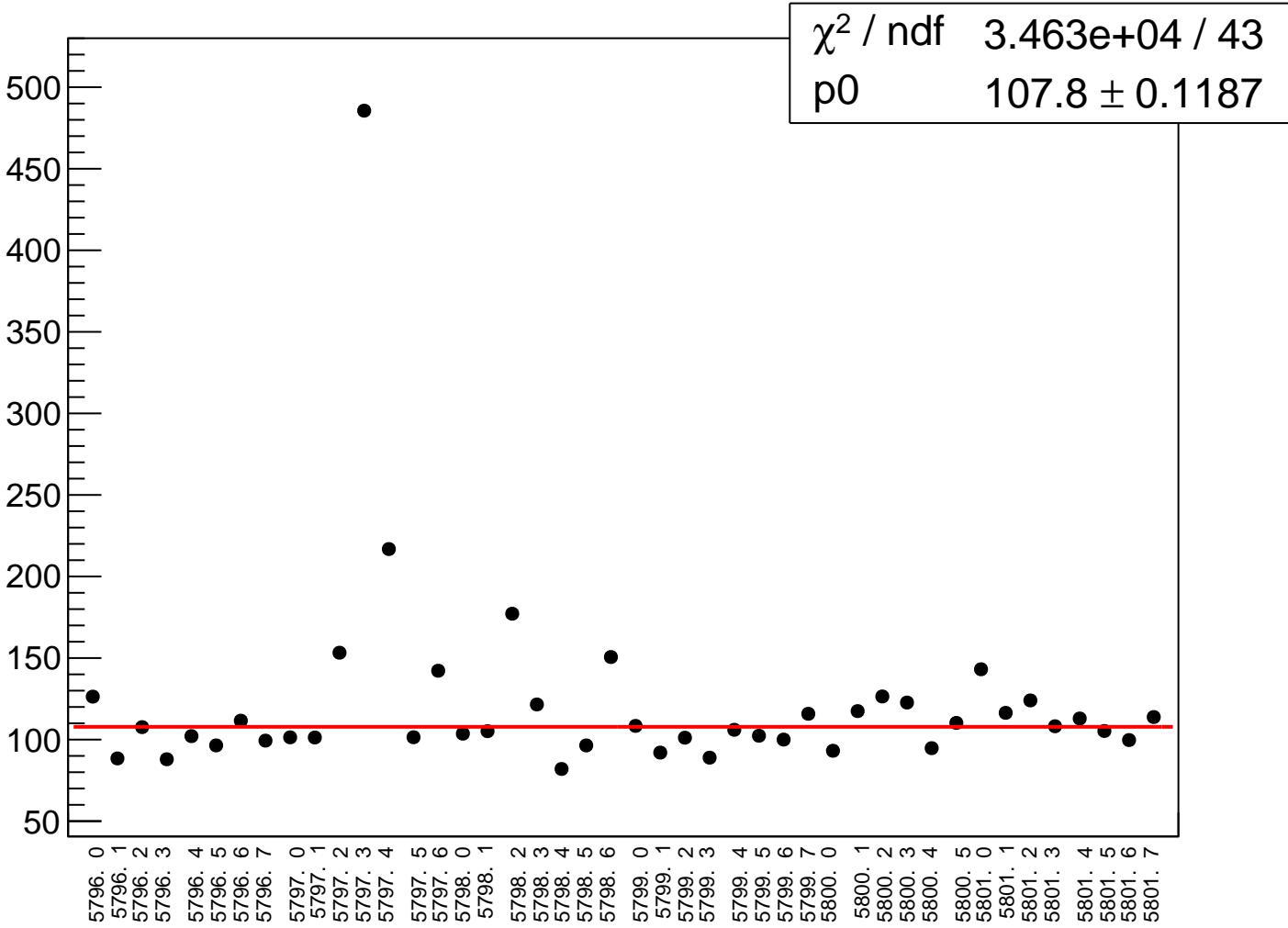
# yield\_bpm0l05WS\_rms vs run



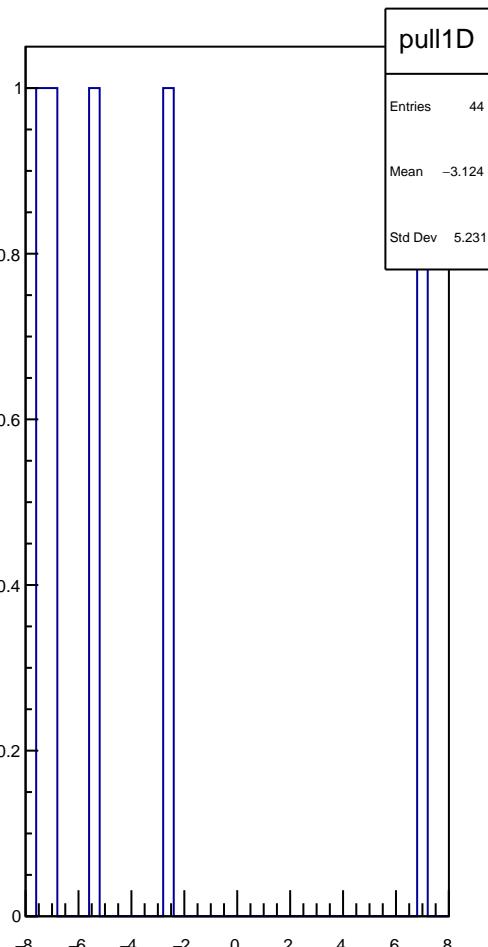
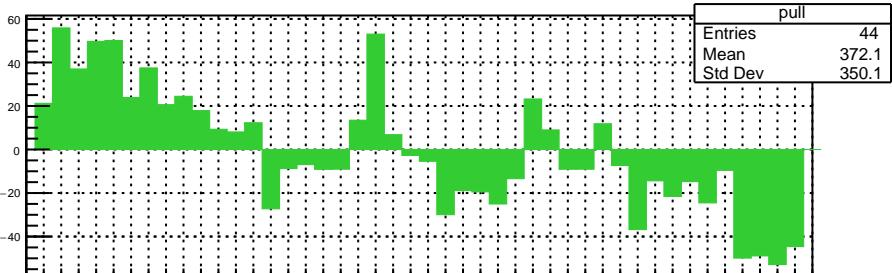
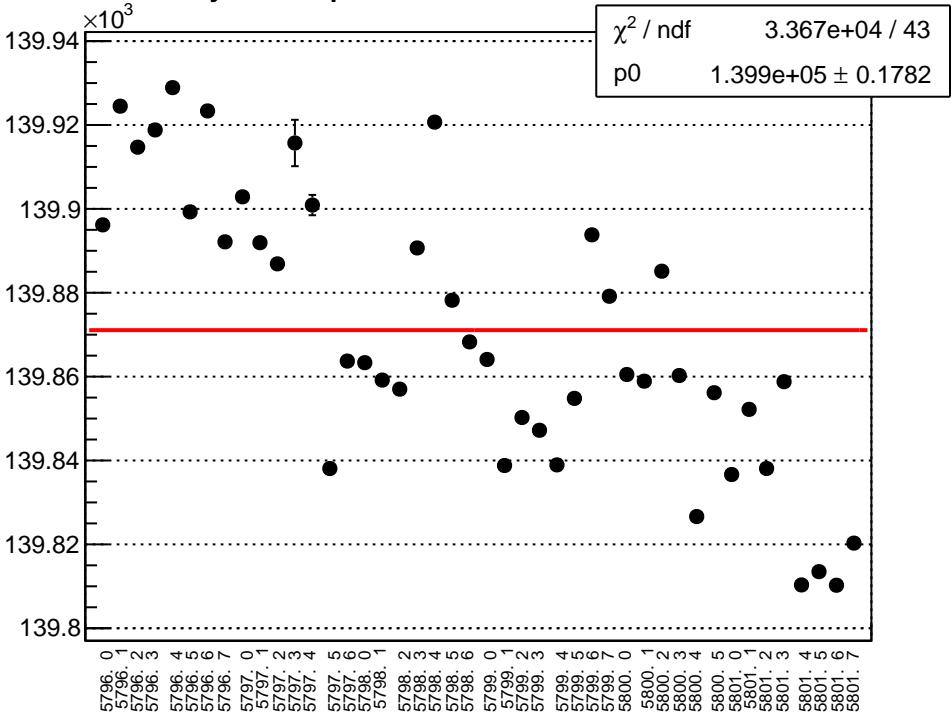
# yield\_bpm0l06WS\_mean vs run



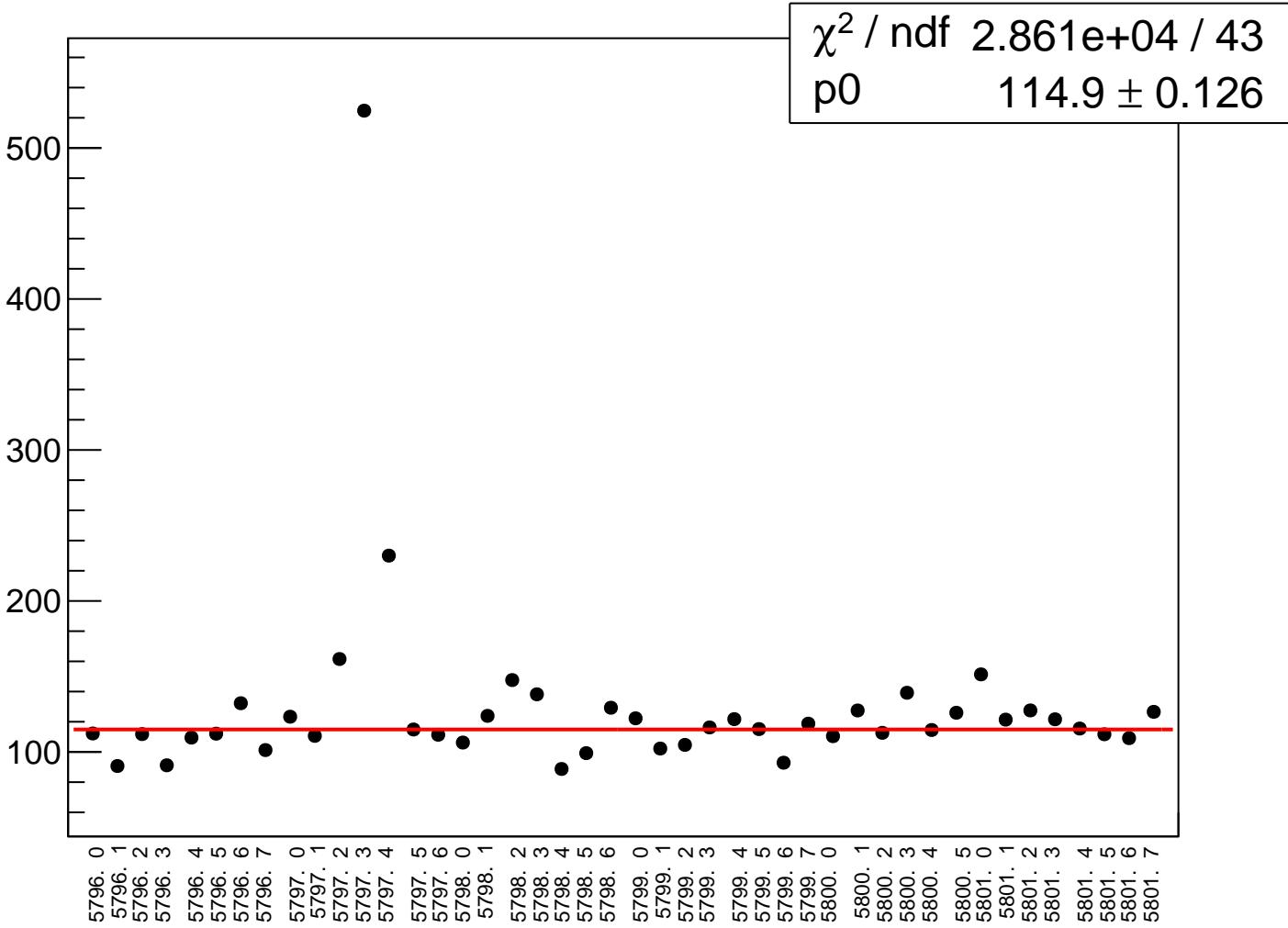
# yield\_bpm0l06WS\_rms vs run

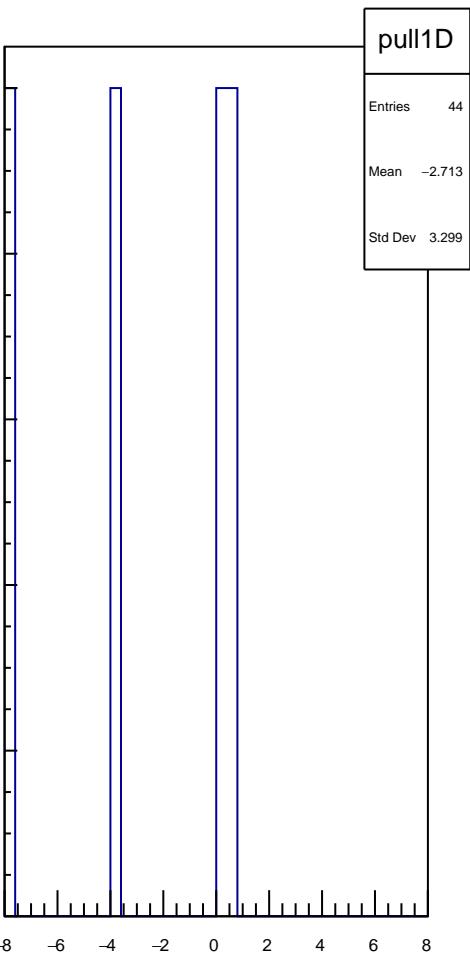
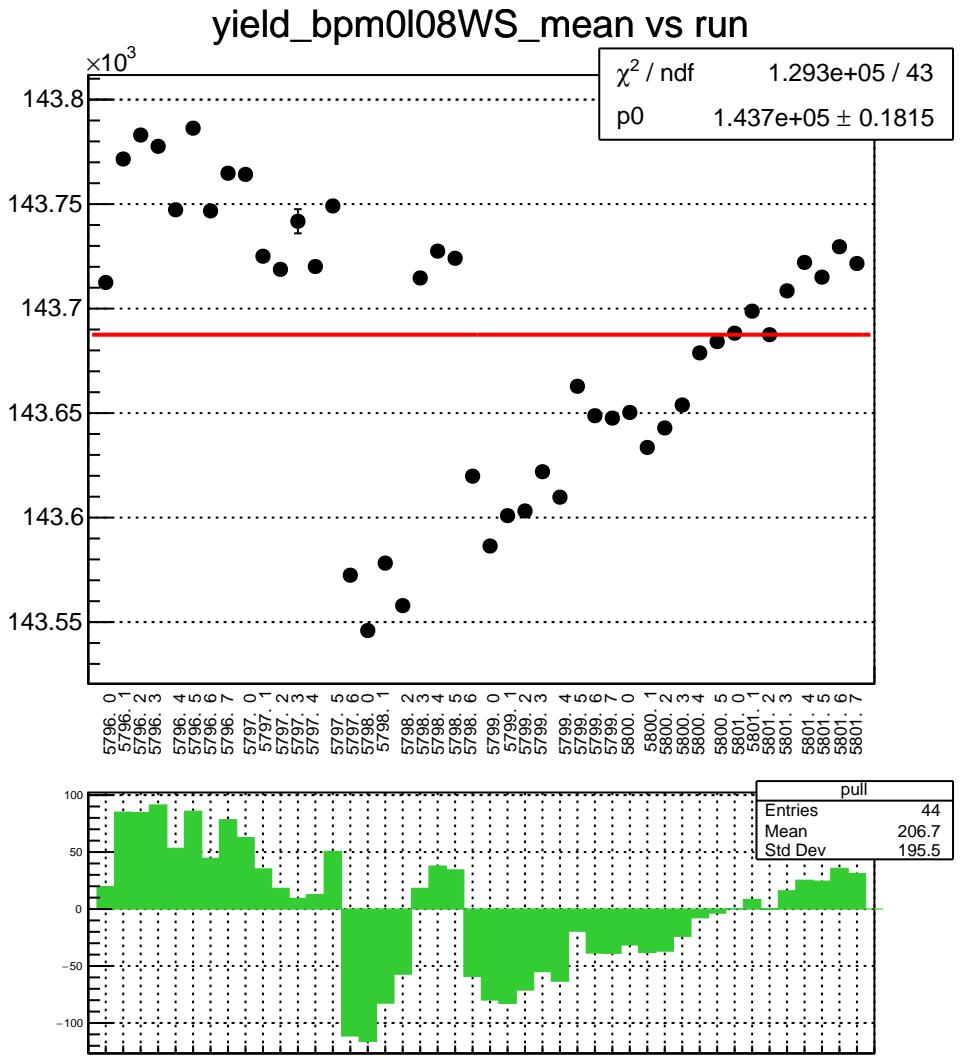


# yield\_bpm0l07WS\_mean vs run

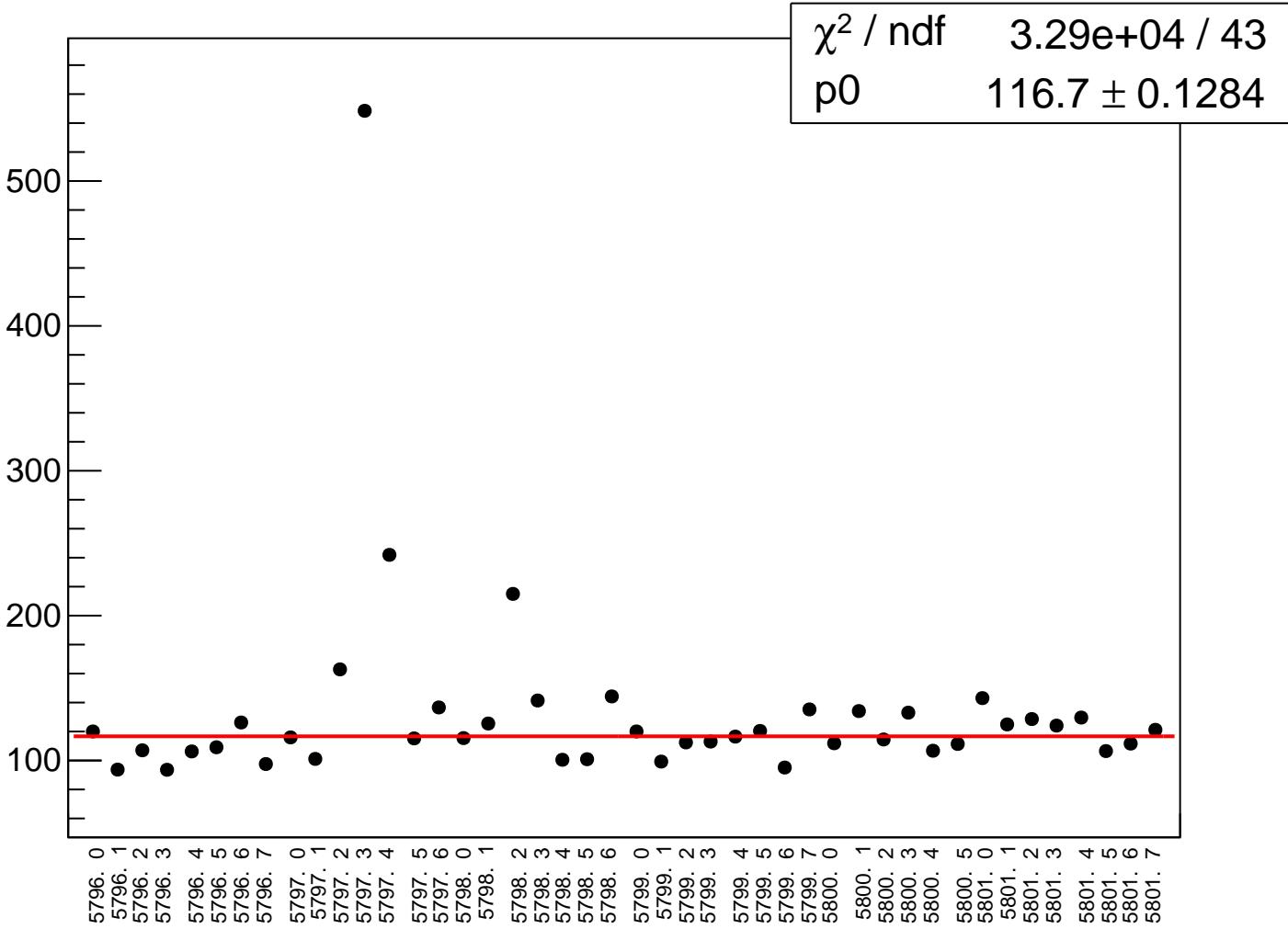


# yield\_bpm0l07WS\_rms vs run

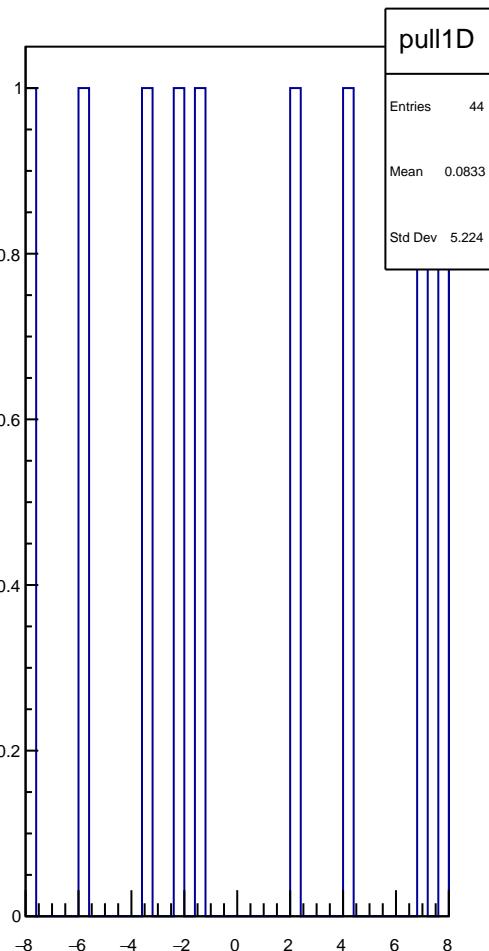
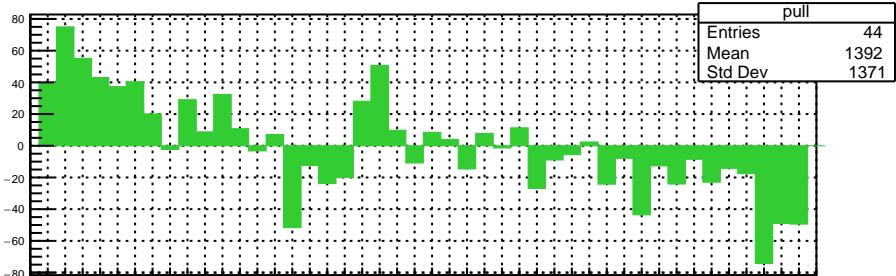
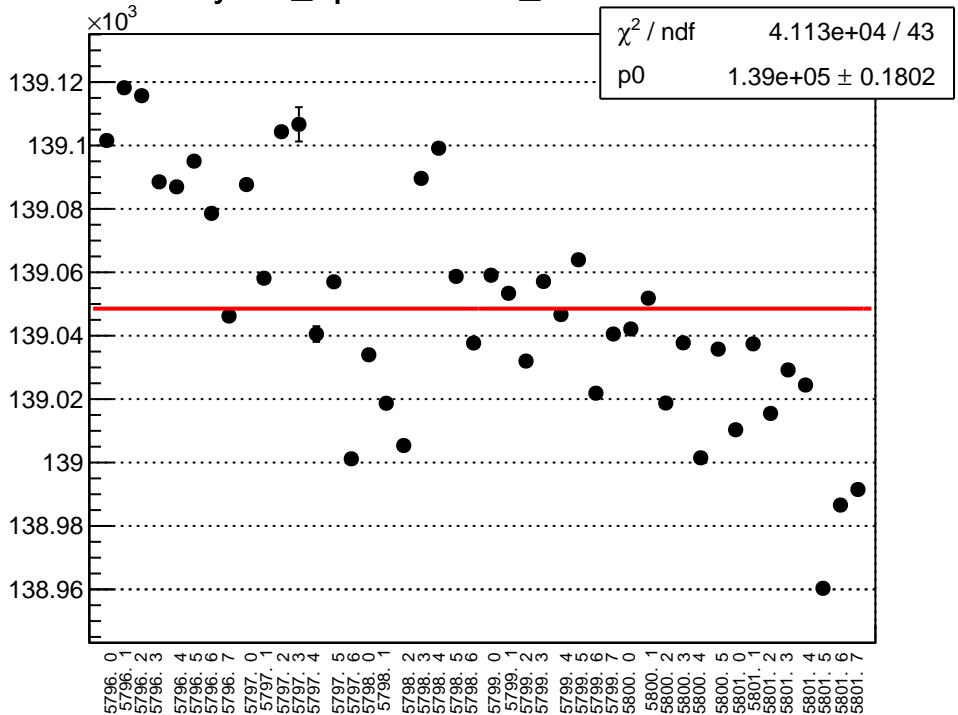




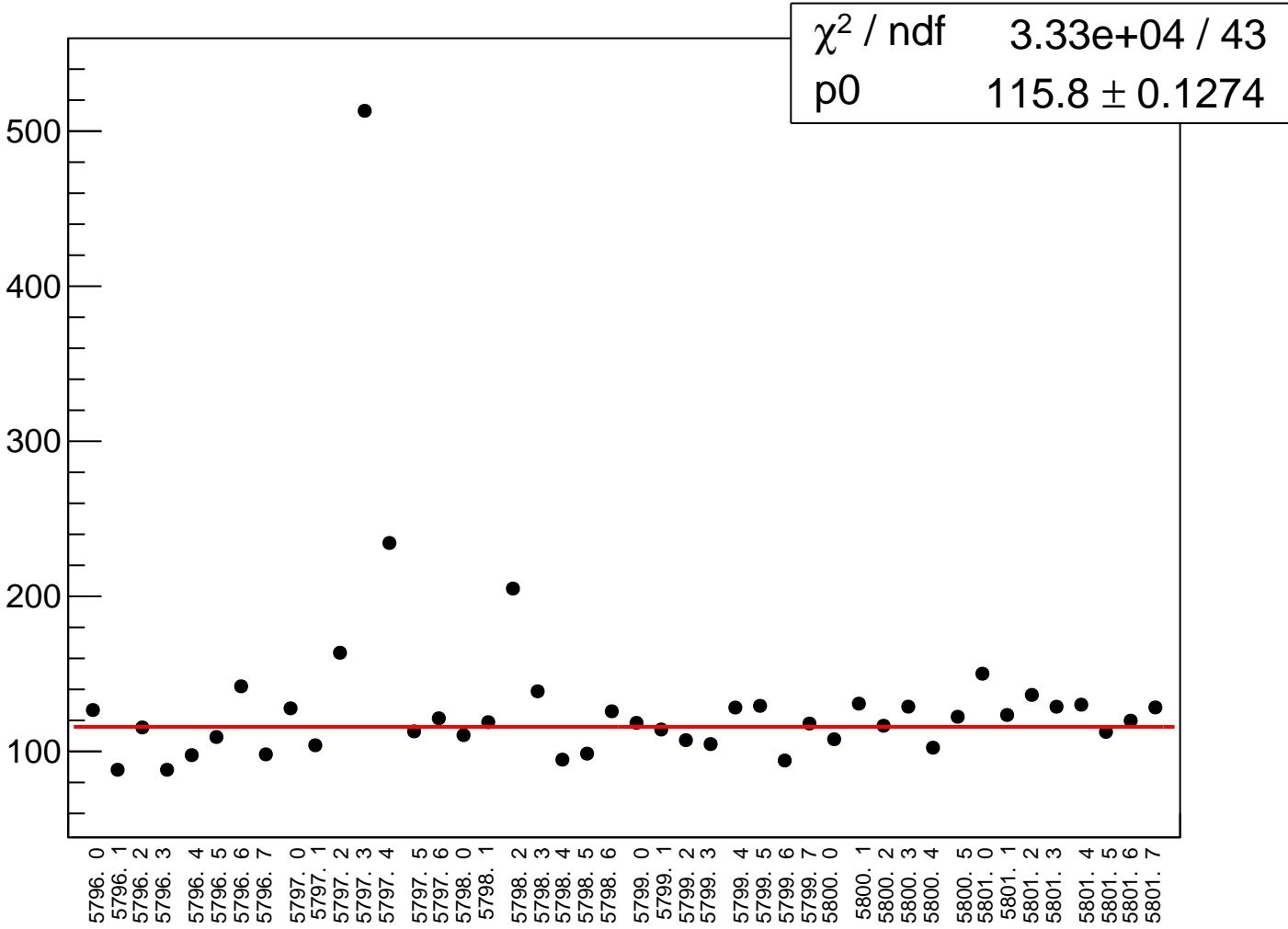
# yield\_bpm0l08WS\_rms vs run



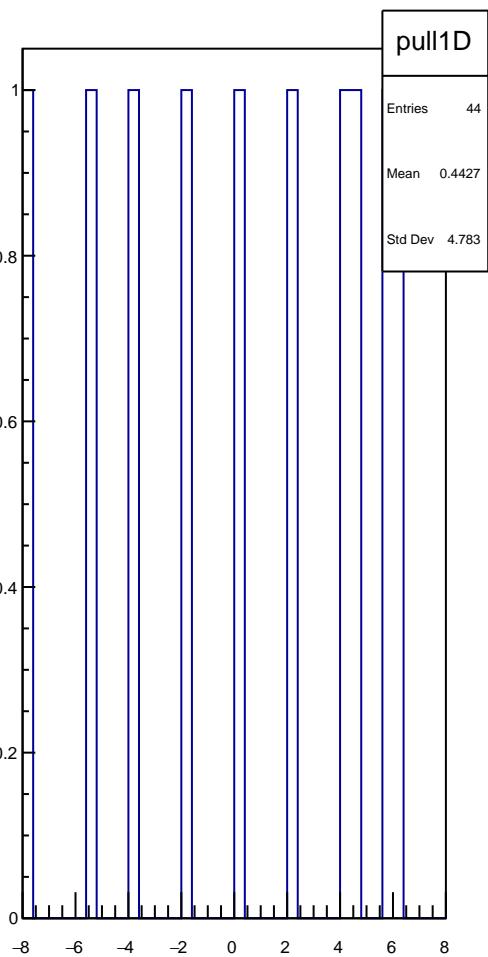
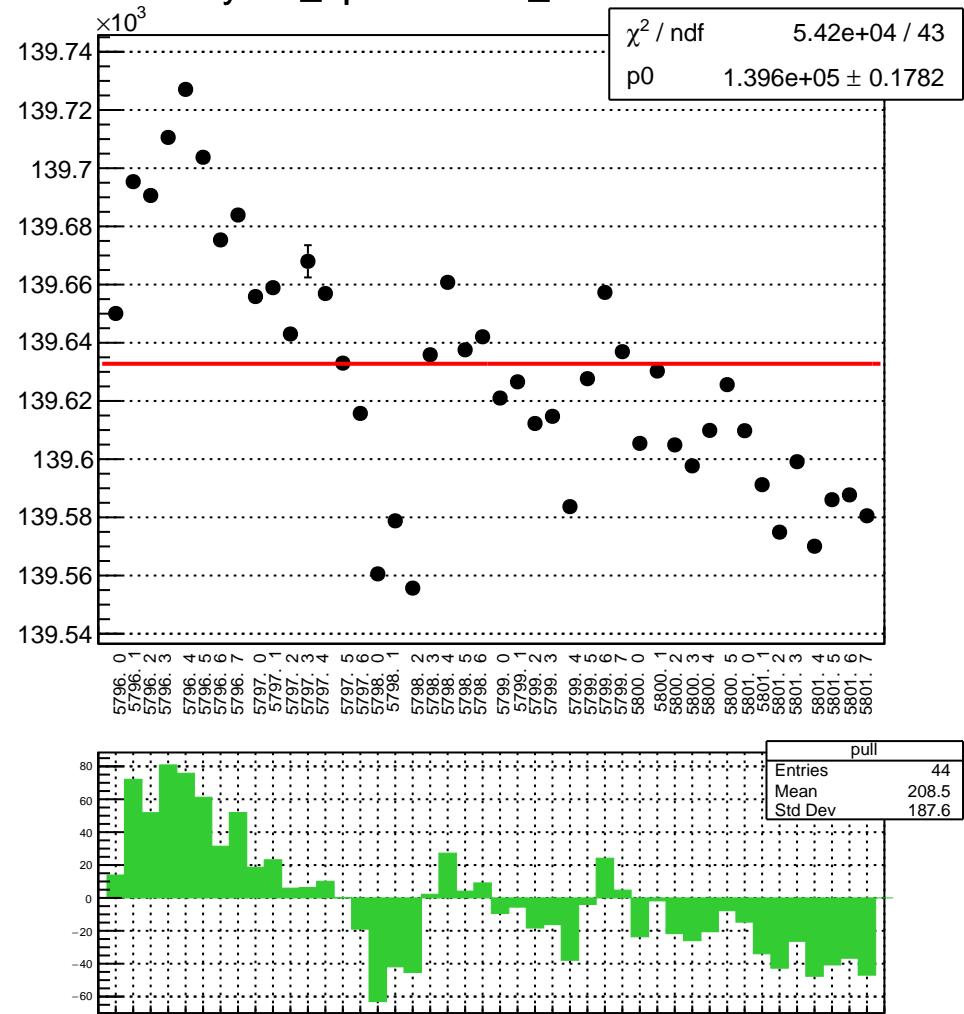
# yield\_bpm0l09WS\_mean vs run



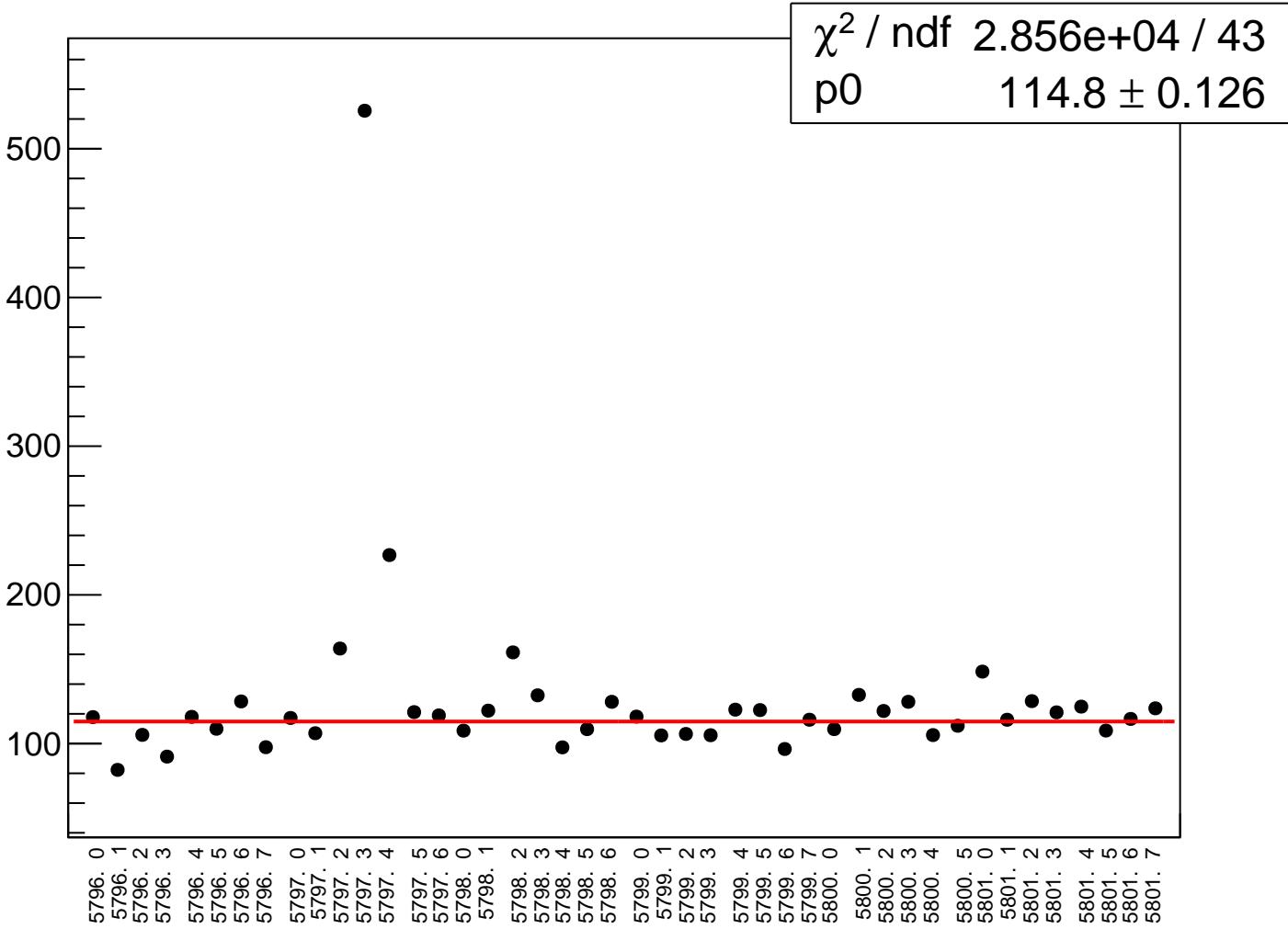
# yield\_bpm0l09WS\_rms vs run



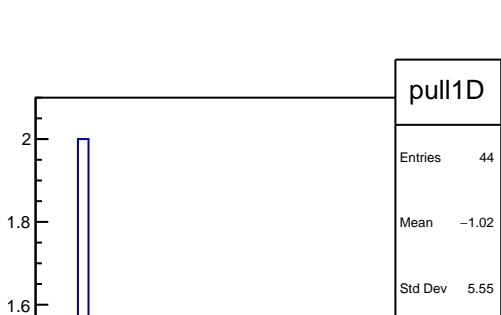
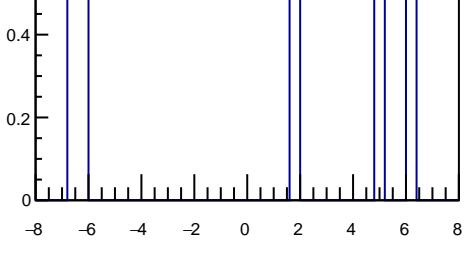
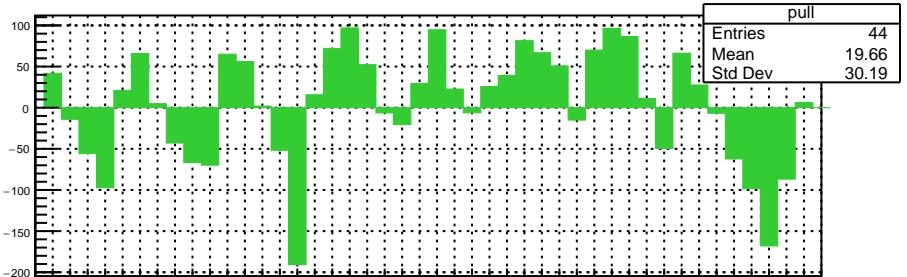
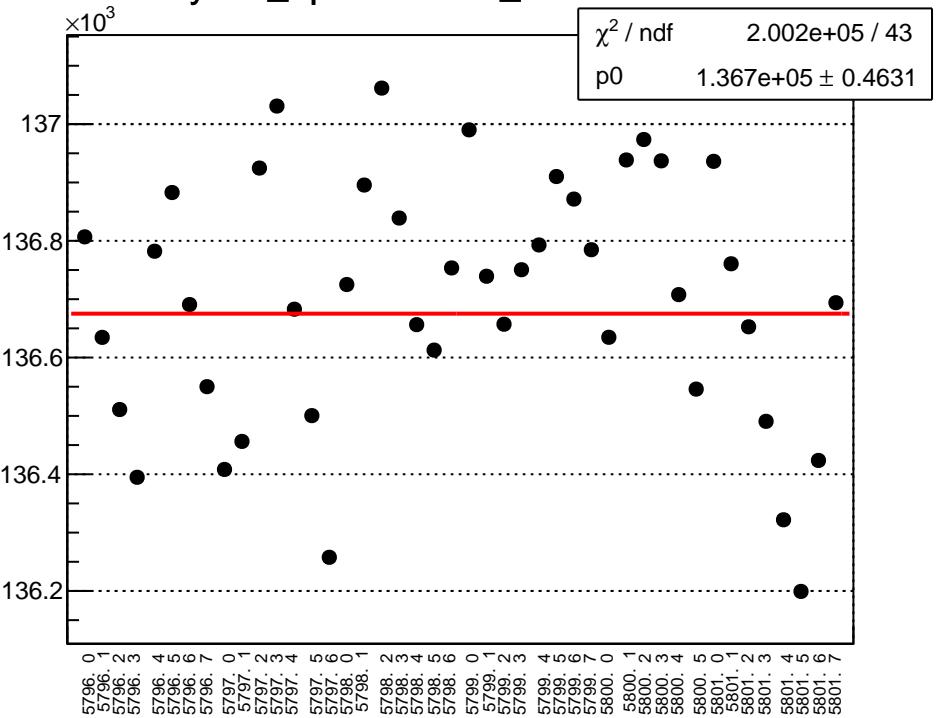
# yield\_bpm0l10WS\_mean vs run



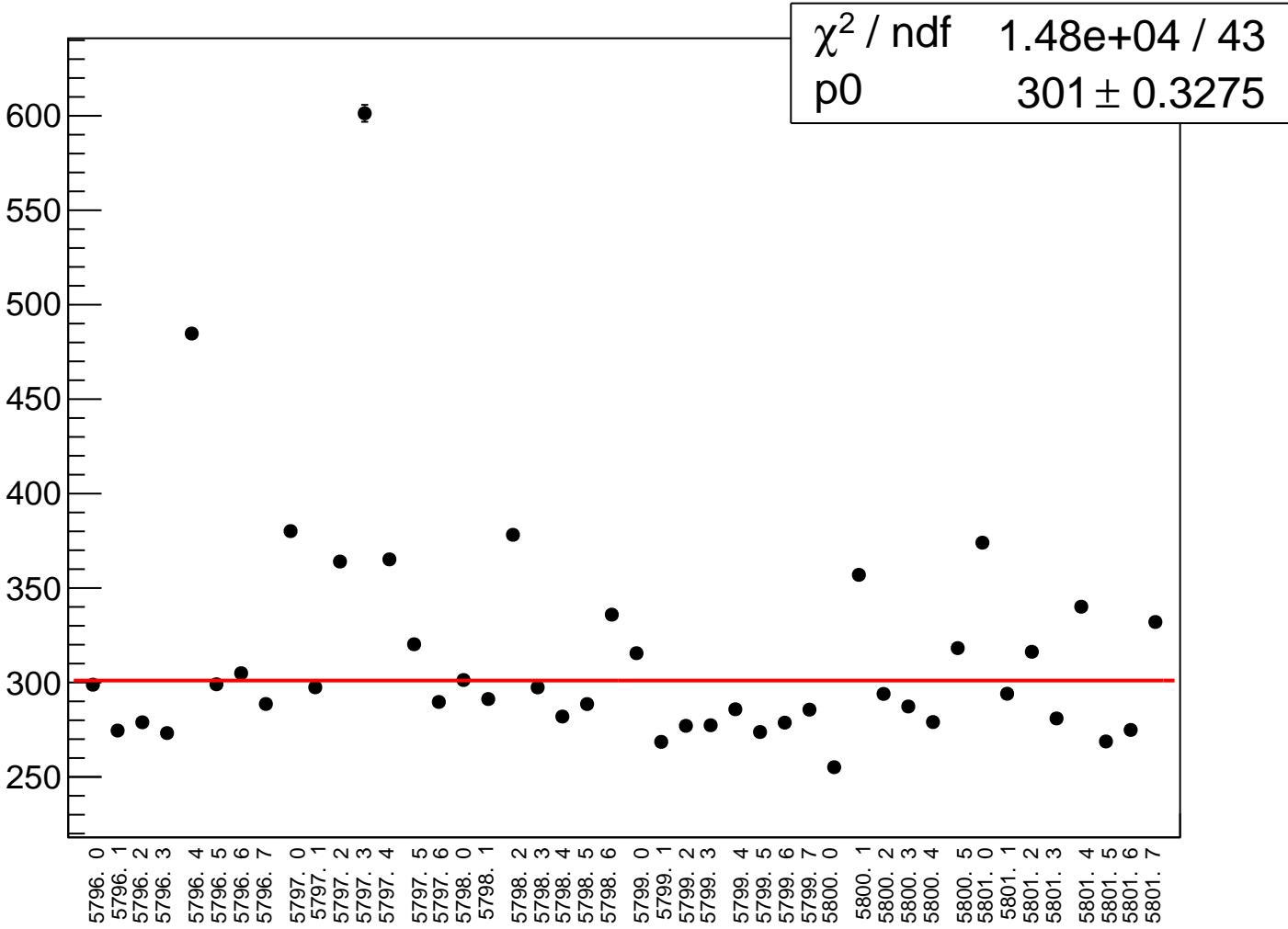
# yield\_bpm0I10WS\_rms vs run



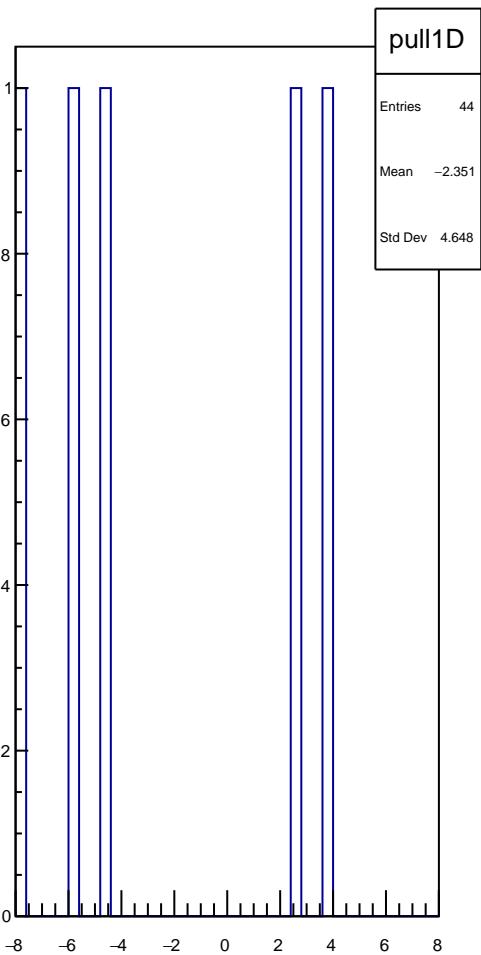
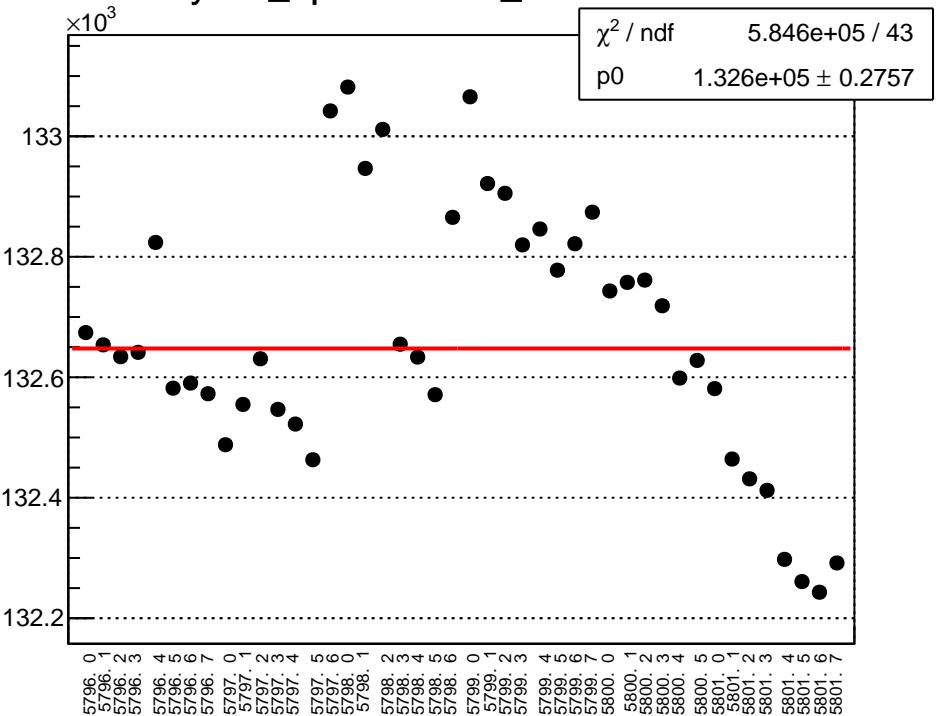
# yield\_bpm0r03WS\_mean vs run



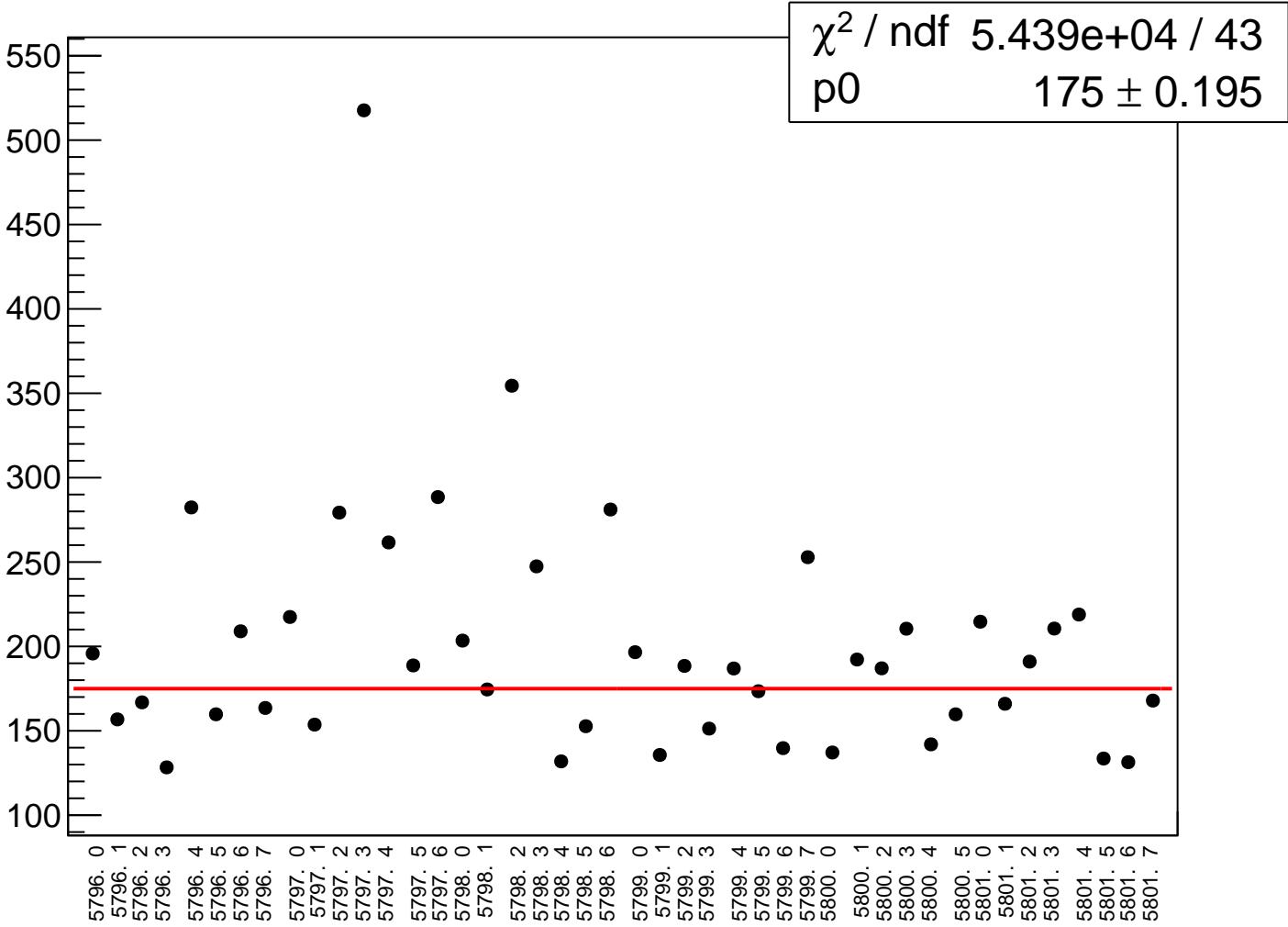
# yield\_bpm0r03WS\_rms vs run



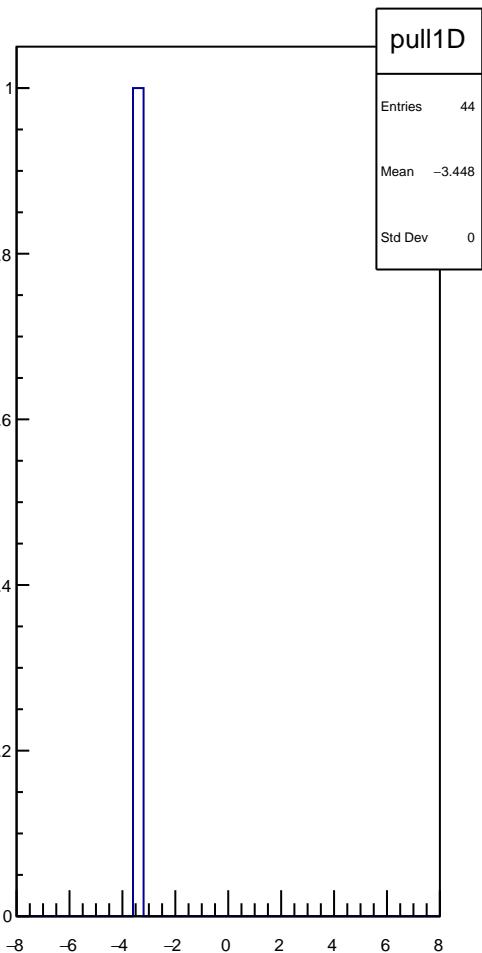
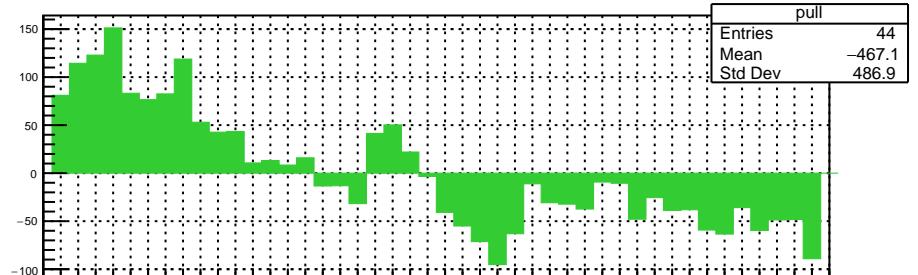
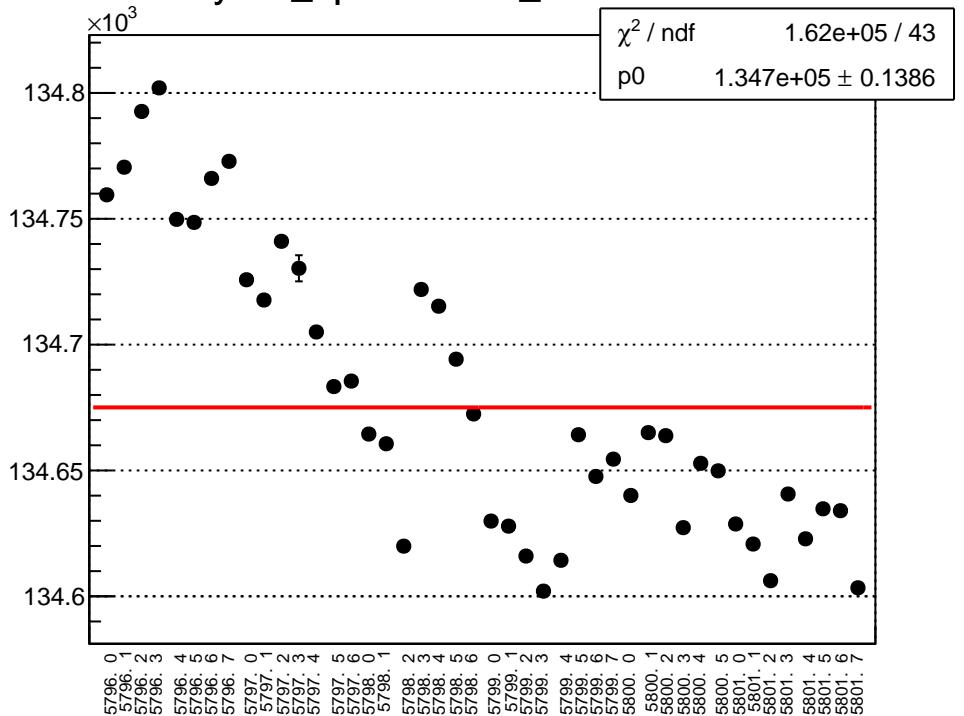
# yield\_bpm0r05WS\_mean vs run



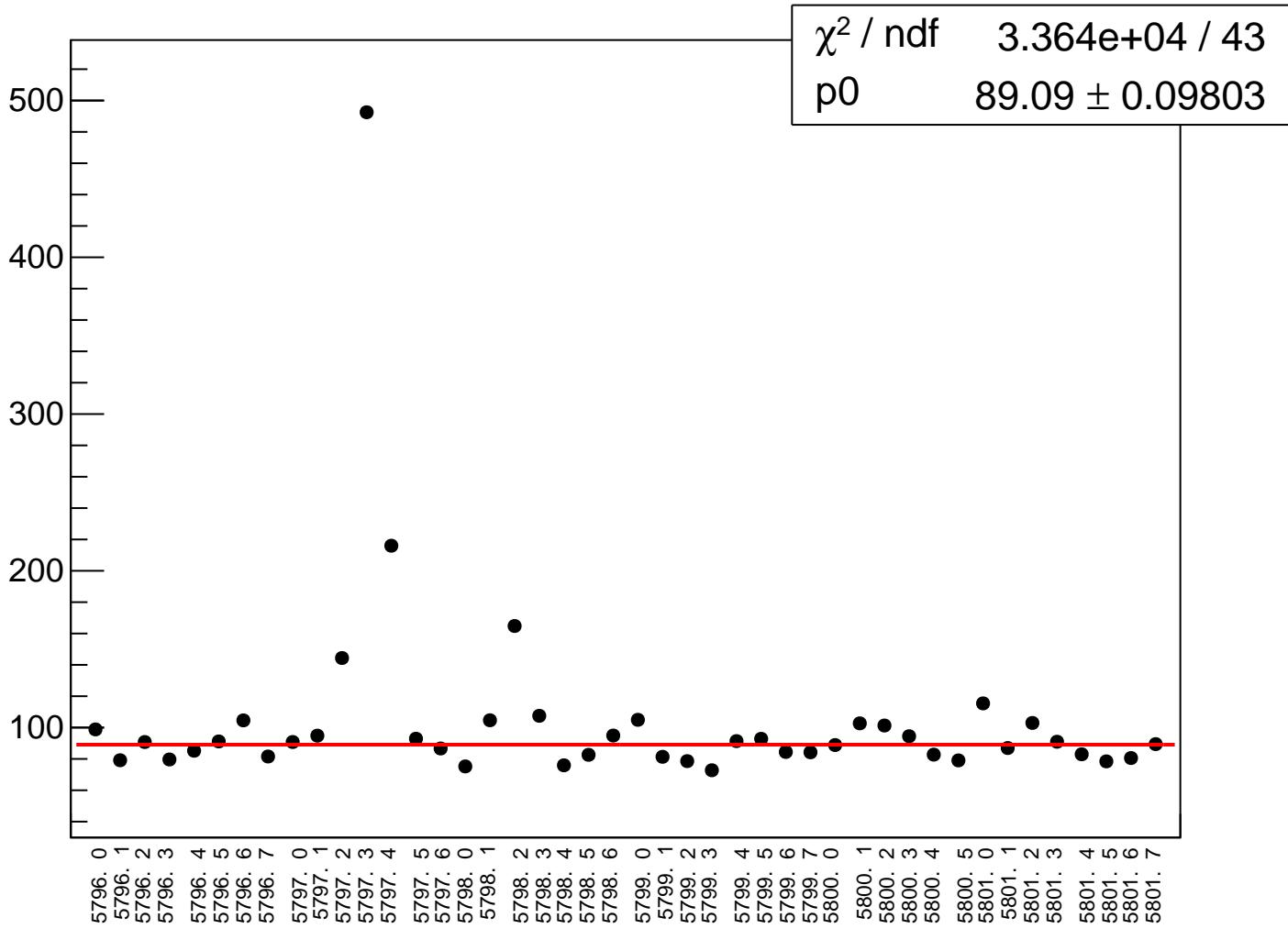
# yield\_bpm0r05WS\_rms vs run



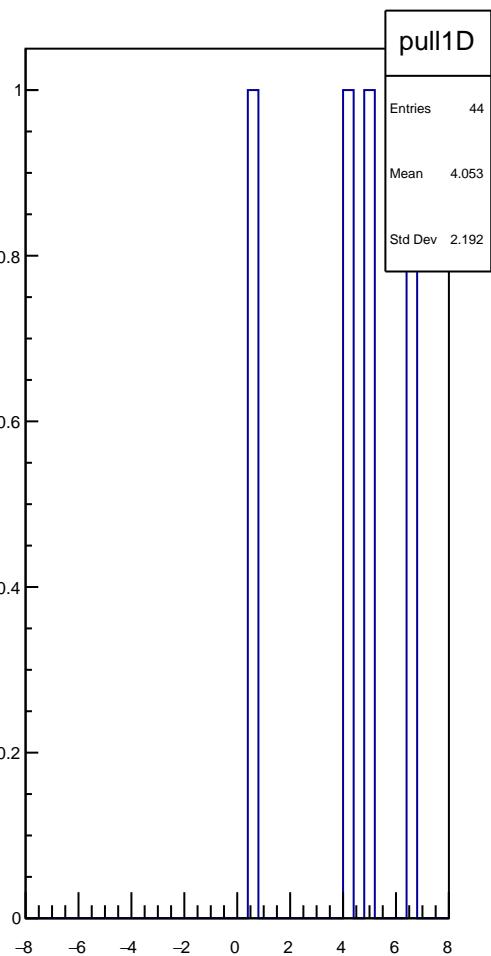
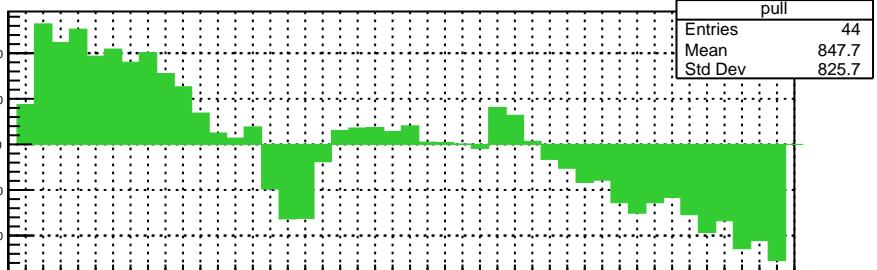
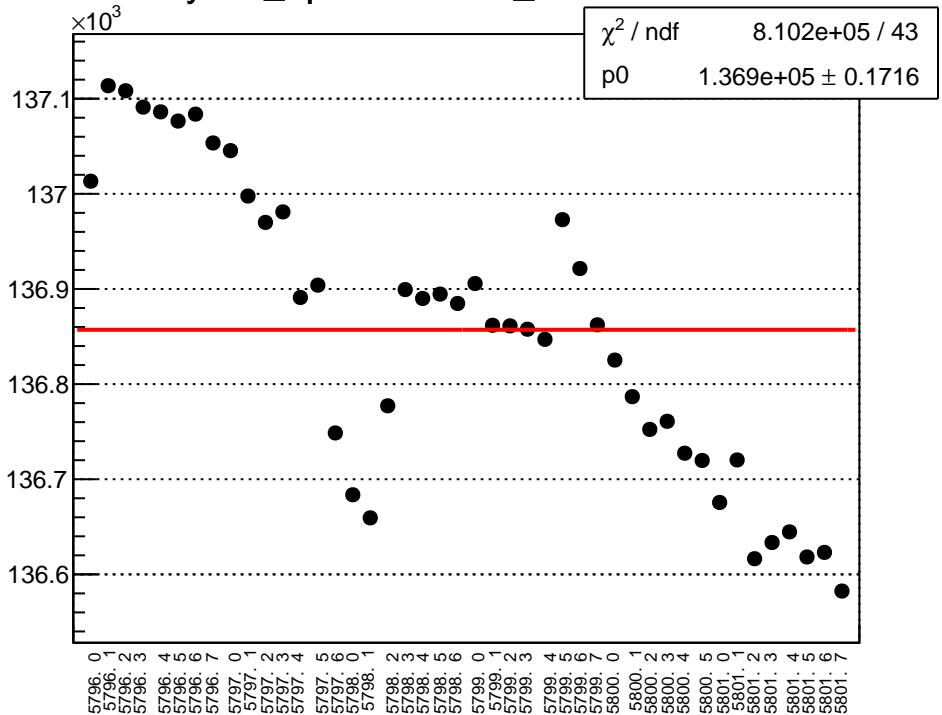
# yield\_bpm0i02WS\_mean vs run



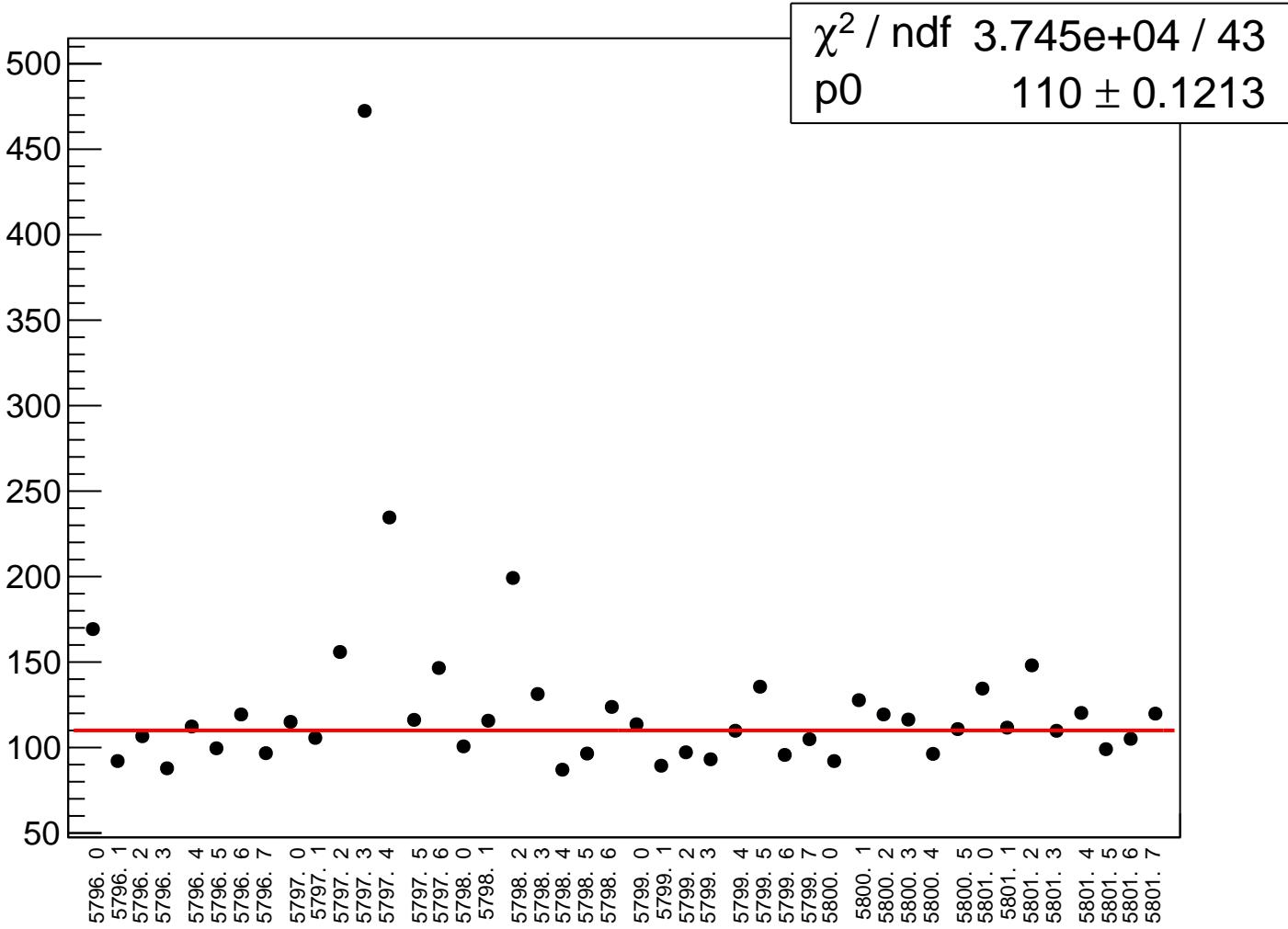
# yield\_bpm0i02WS\_rms vs run



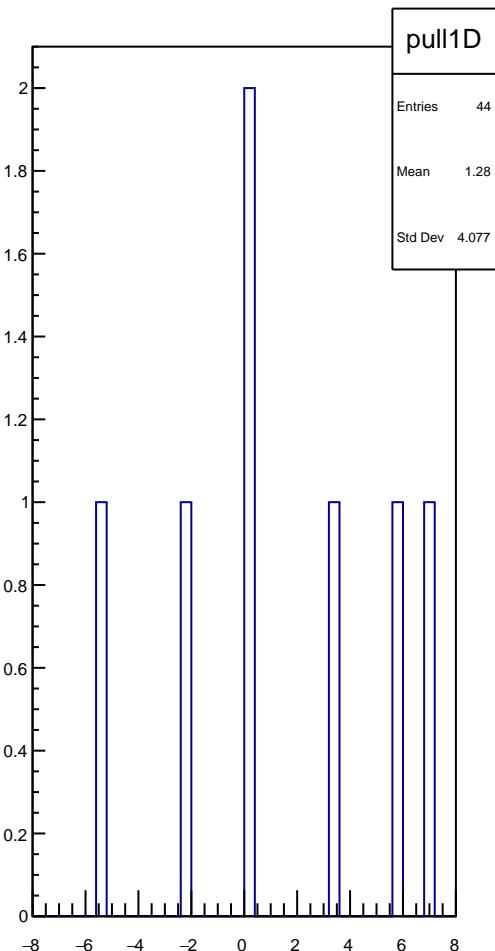
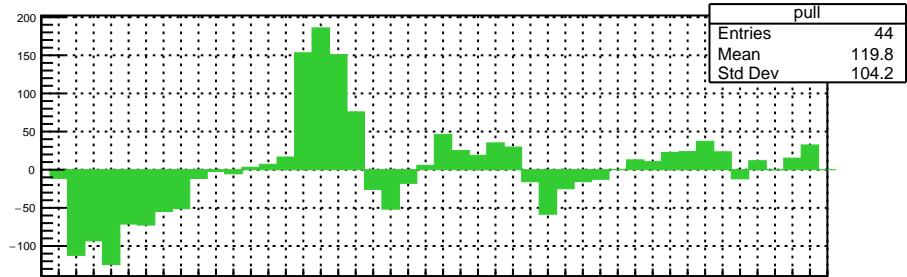
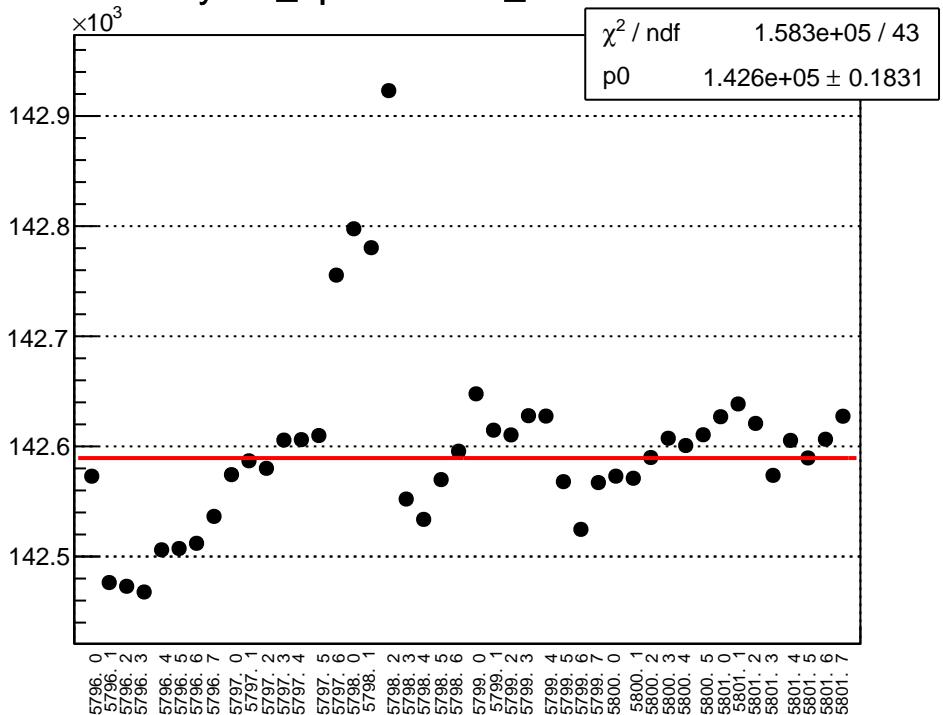
# yield\_bpm0i02aWS\_mean vs run



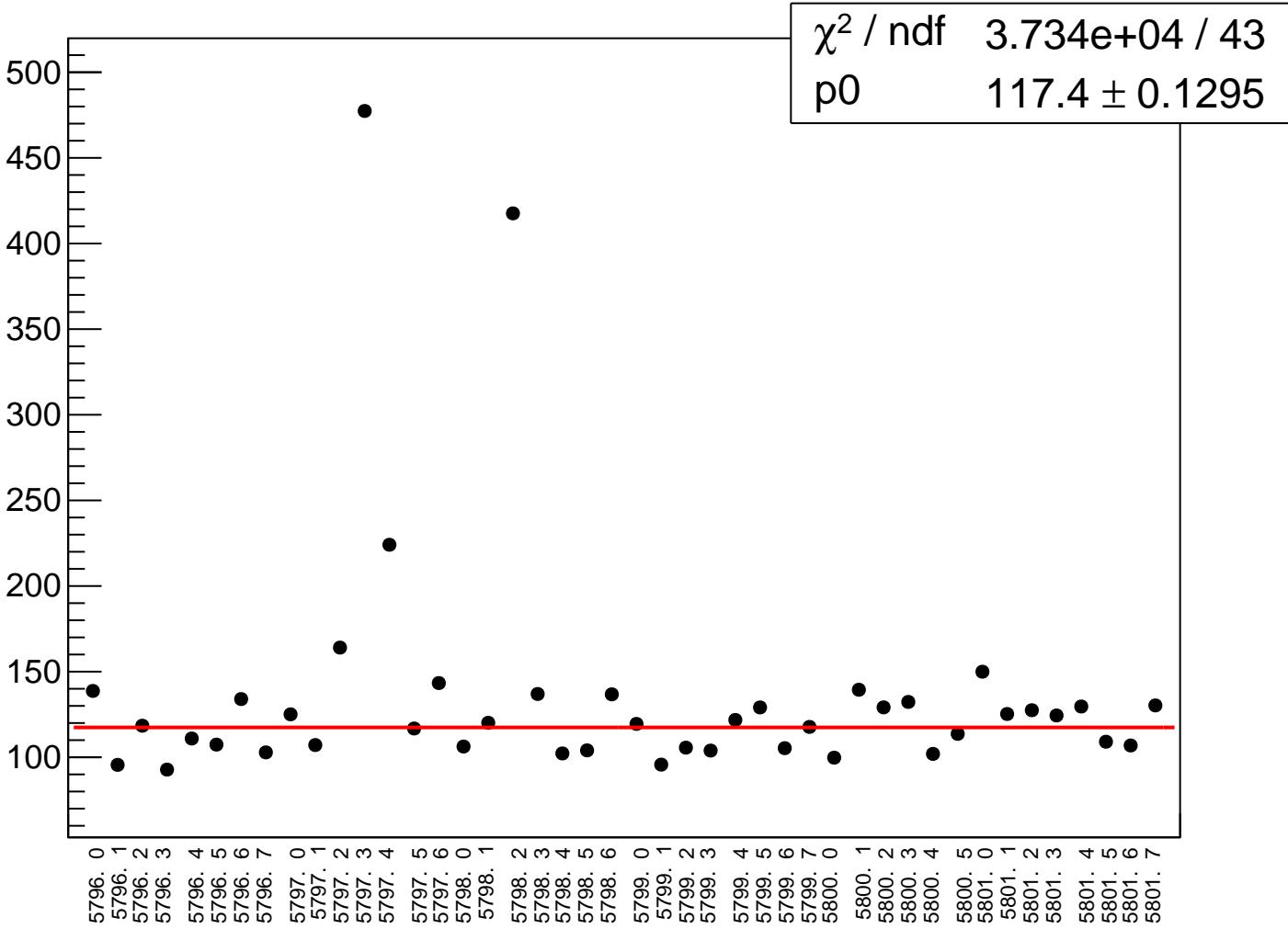
# yield\_bpm0i02aWS\_rms vs run



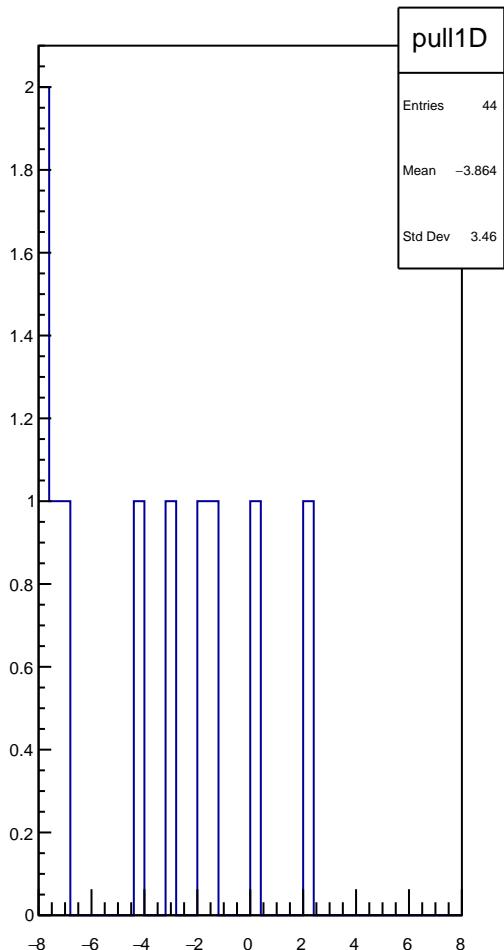
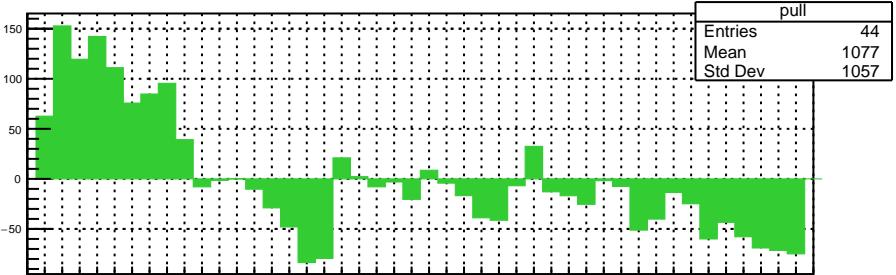
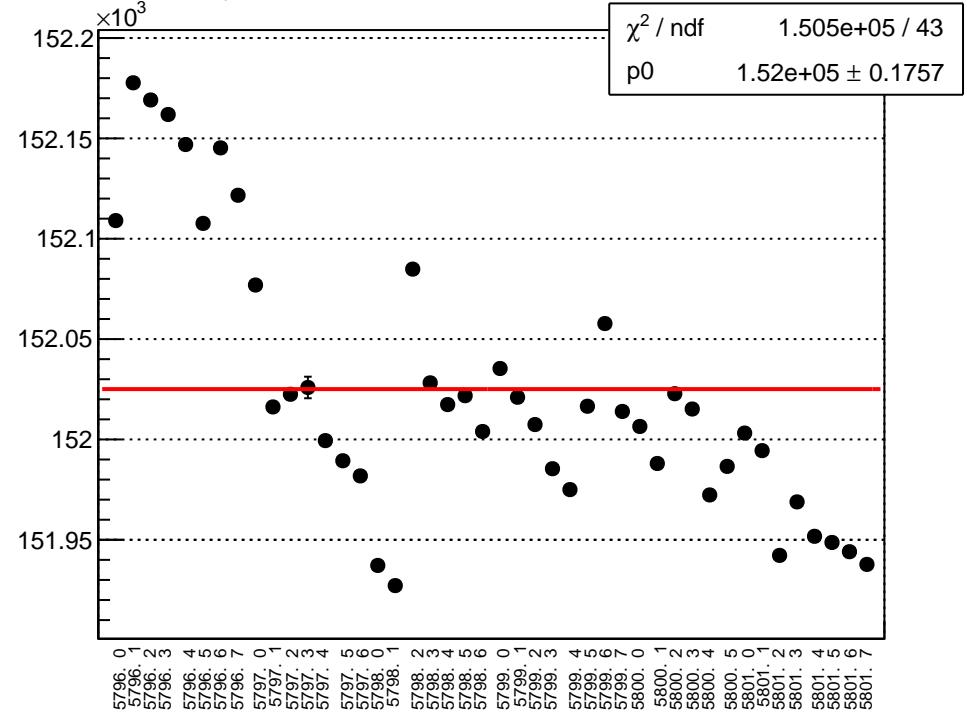
# yield\_bpm0i05WS\_mean vs run



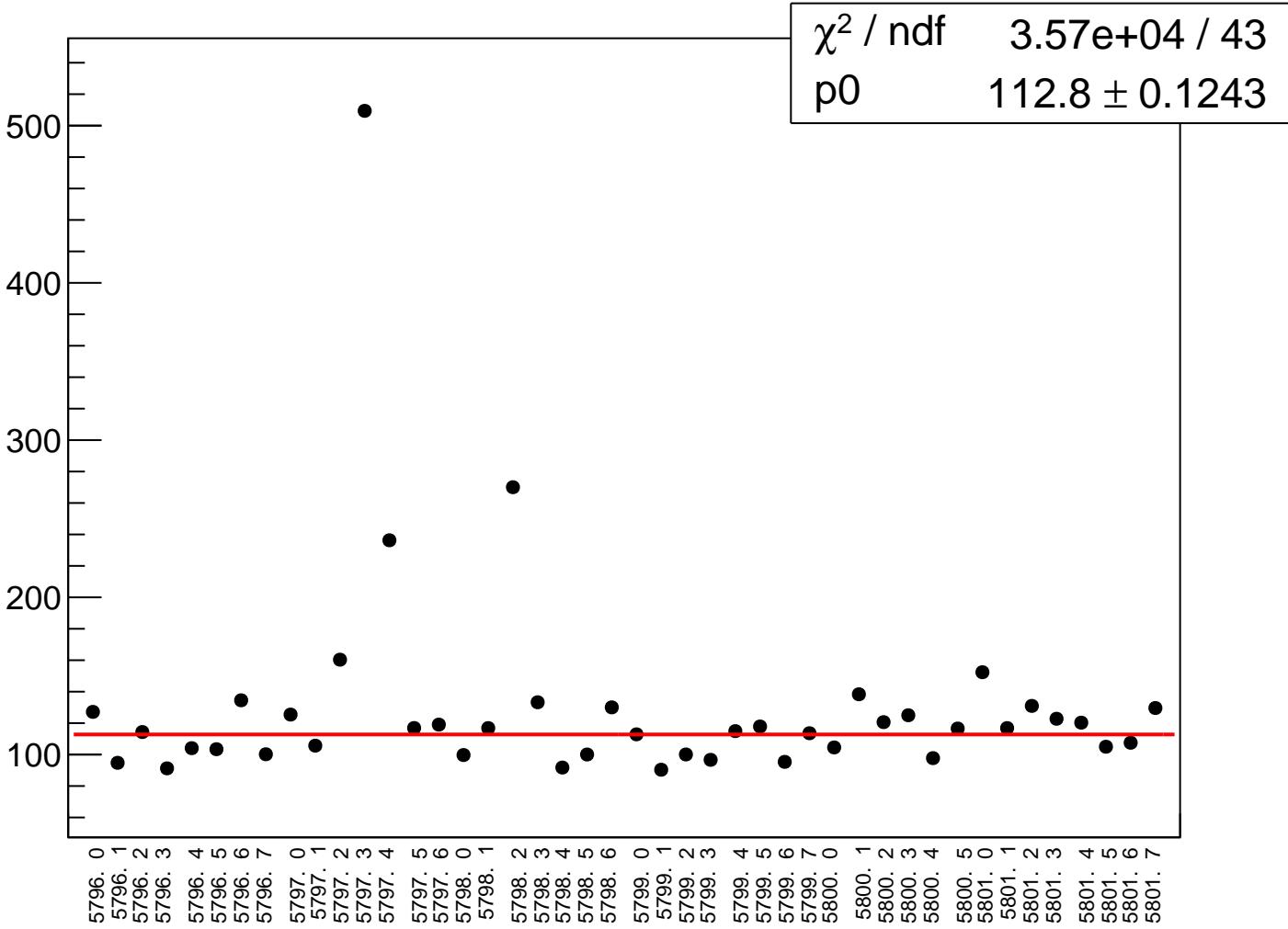
# yield\_bpm0i05WS\_rms vs run



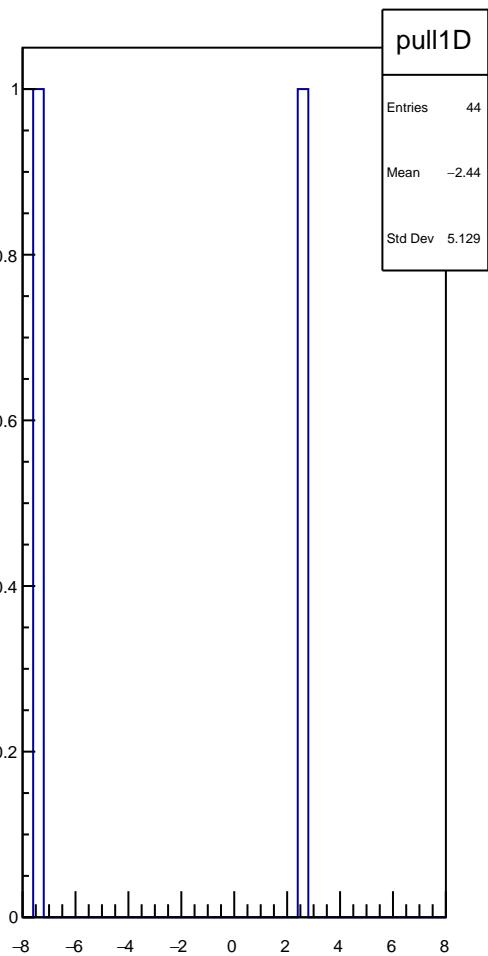
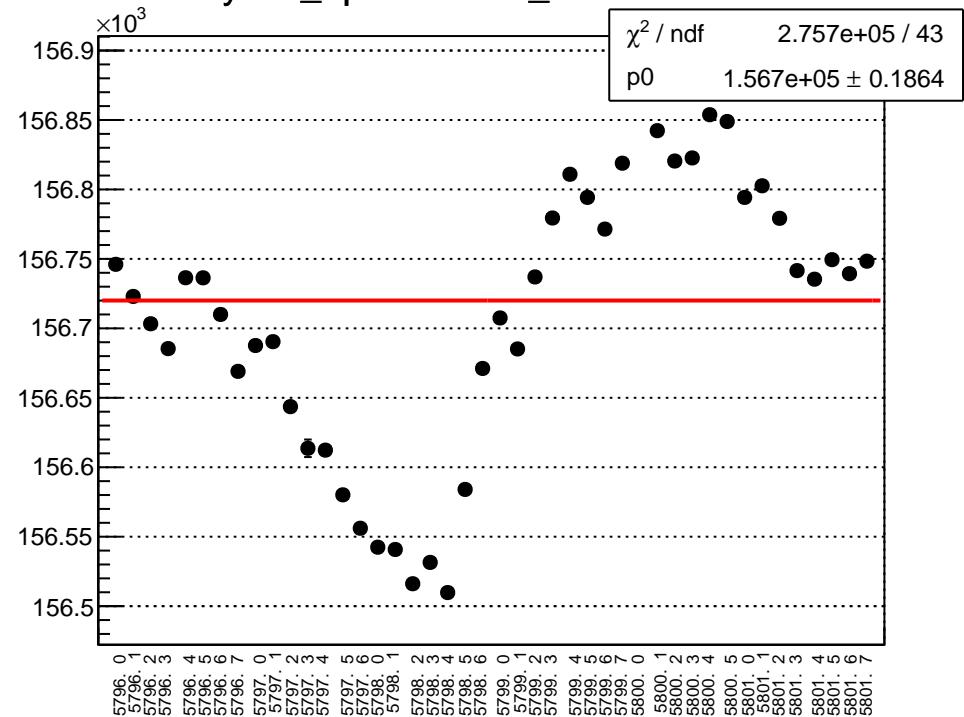
# yield\_bpm0i07WS\_mean vs run



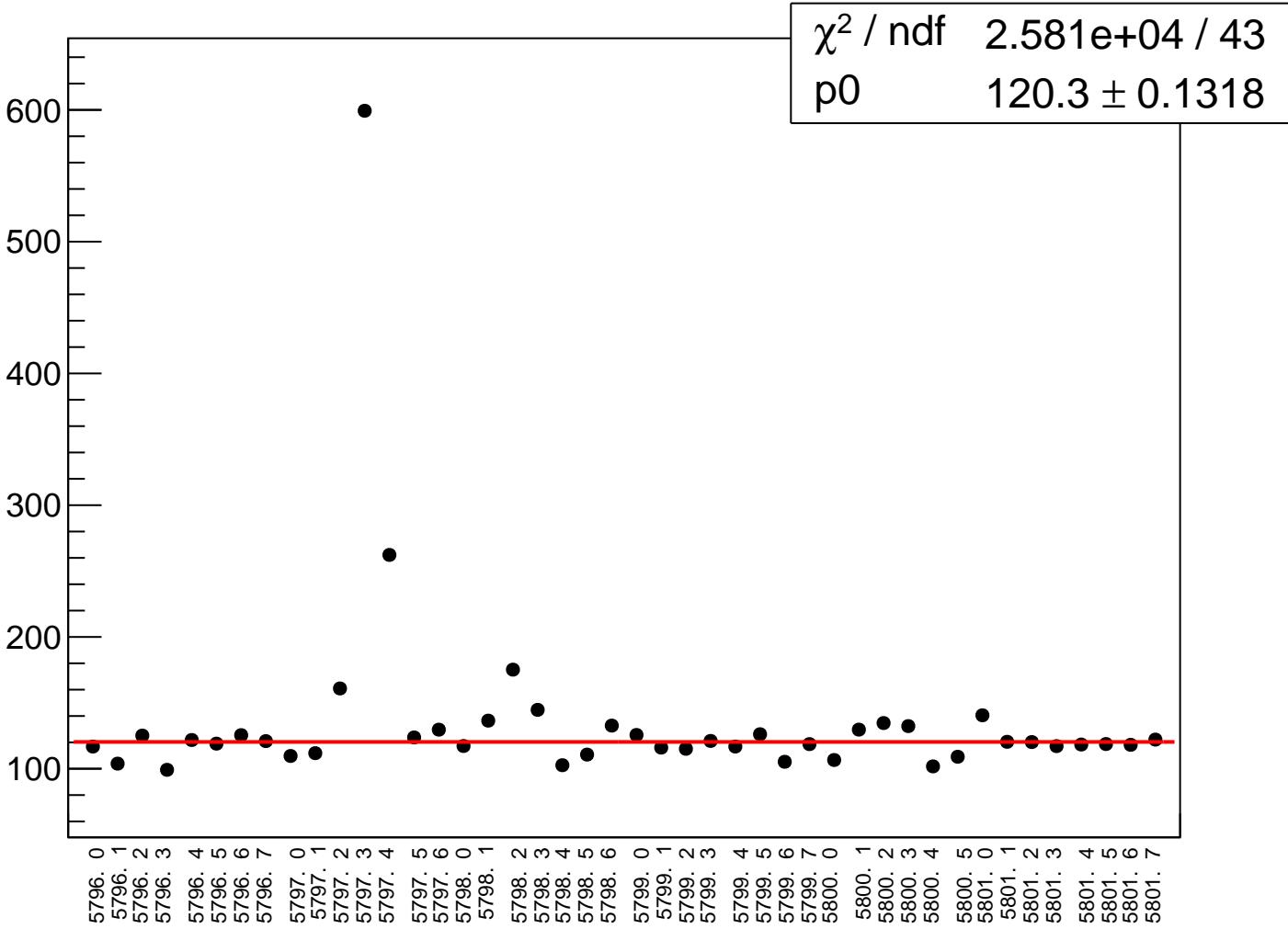
# yield\_bpm0i07WS\_rms vs run



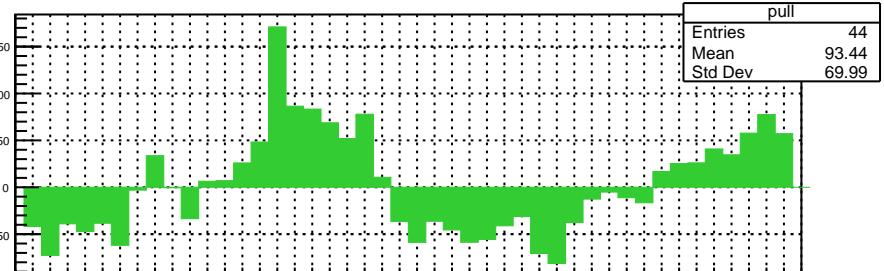
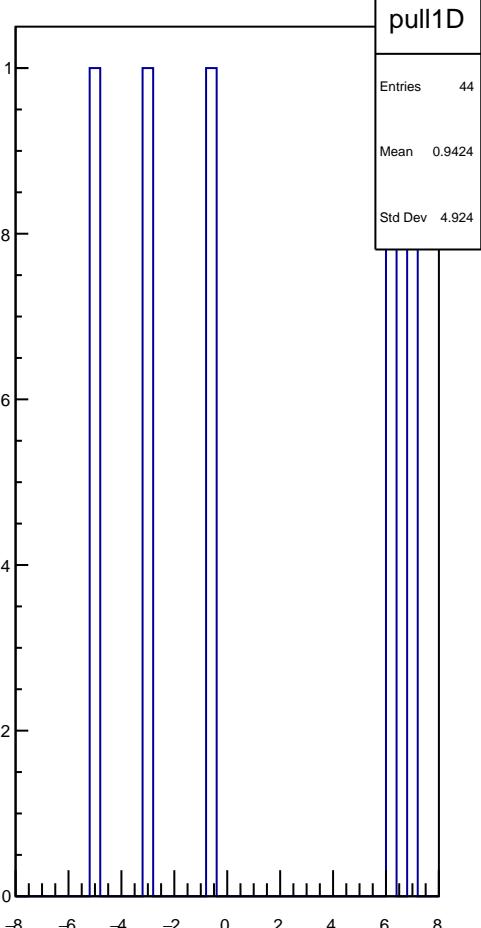
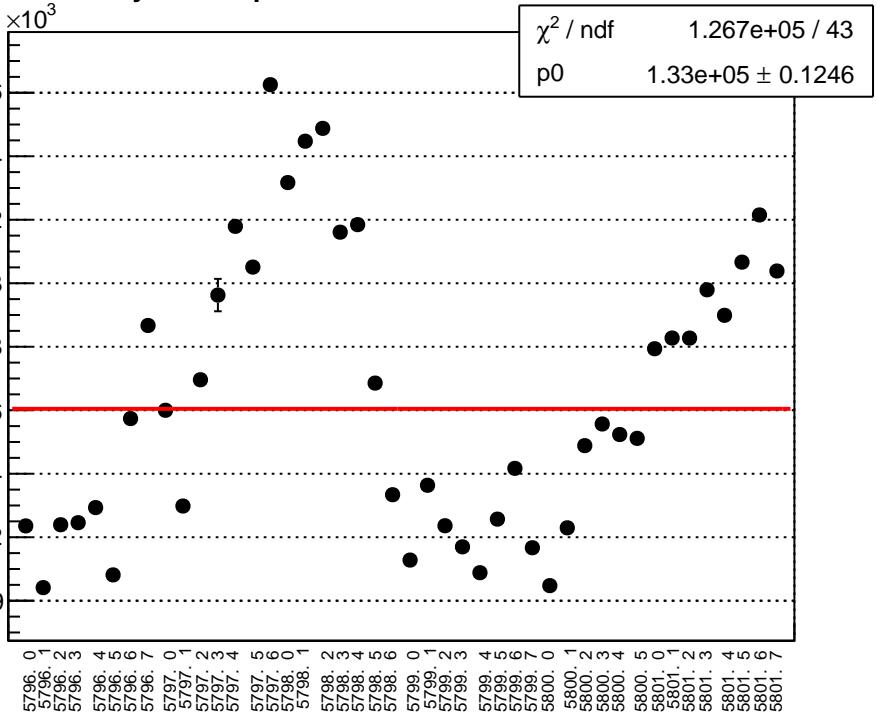
# yield\_bpm1i02WS\_mean vs run



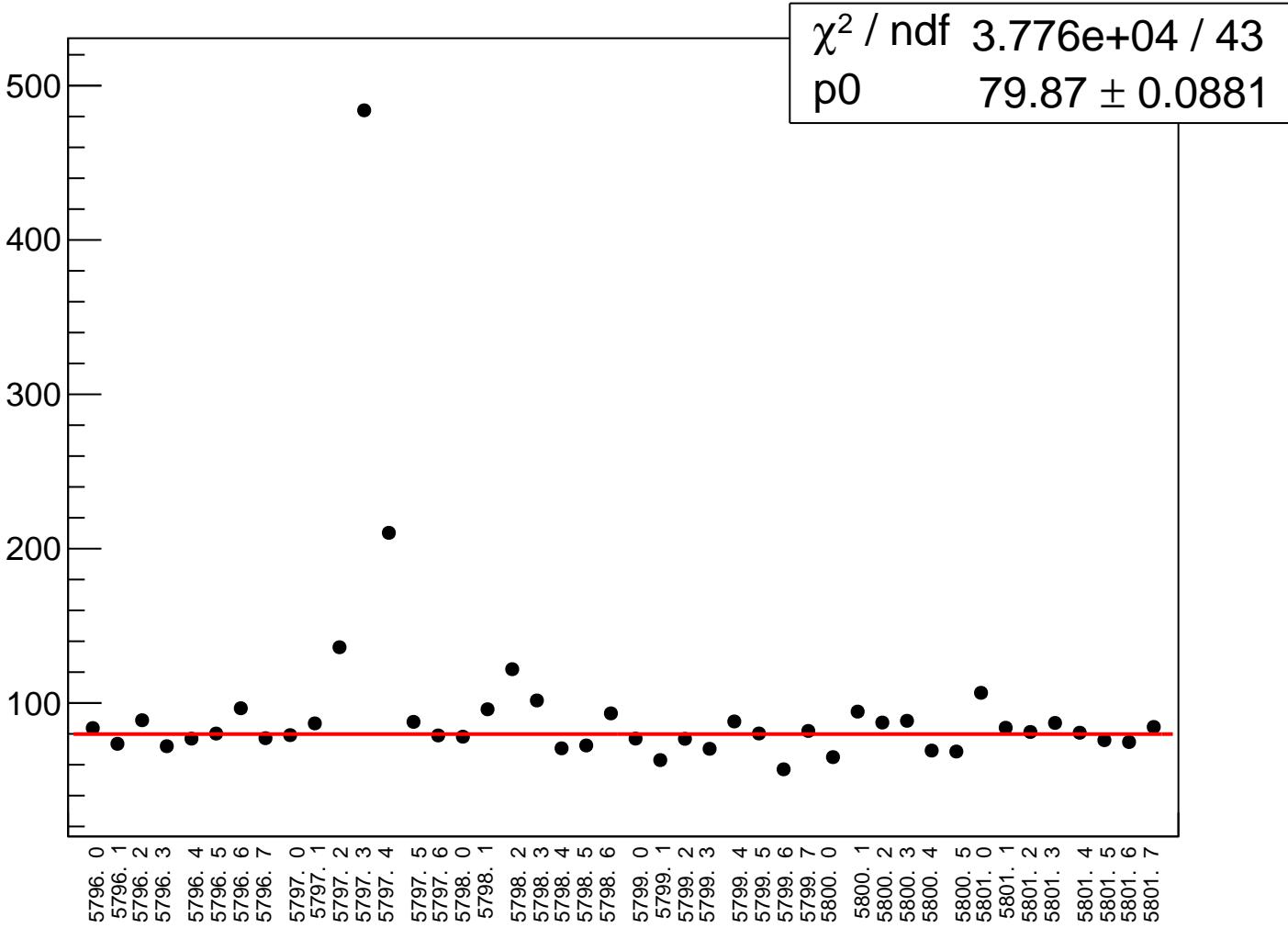
# yield\_bpm1i02WS\_rms vs run



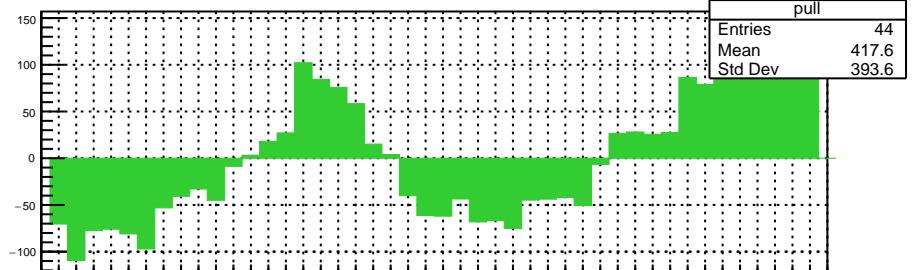
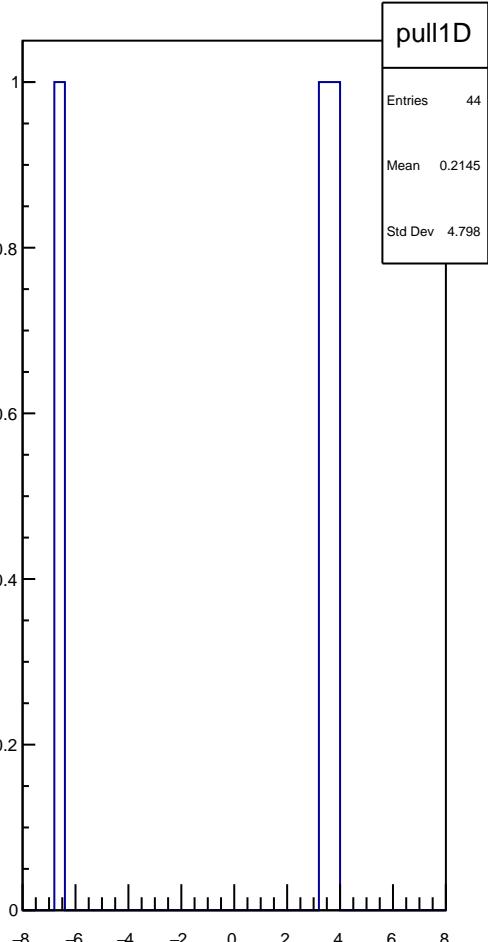
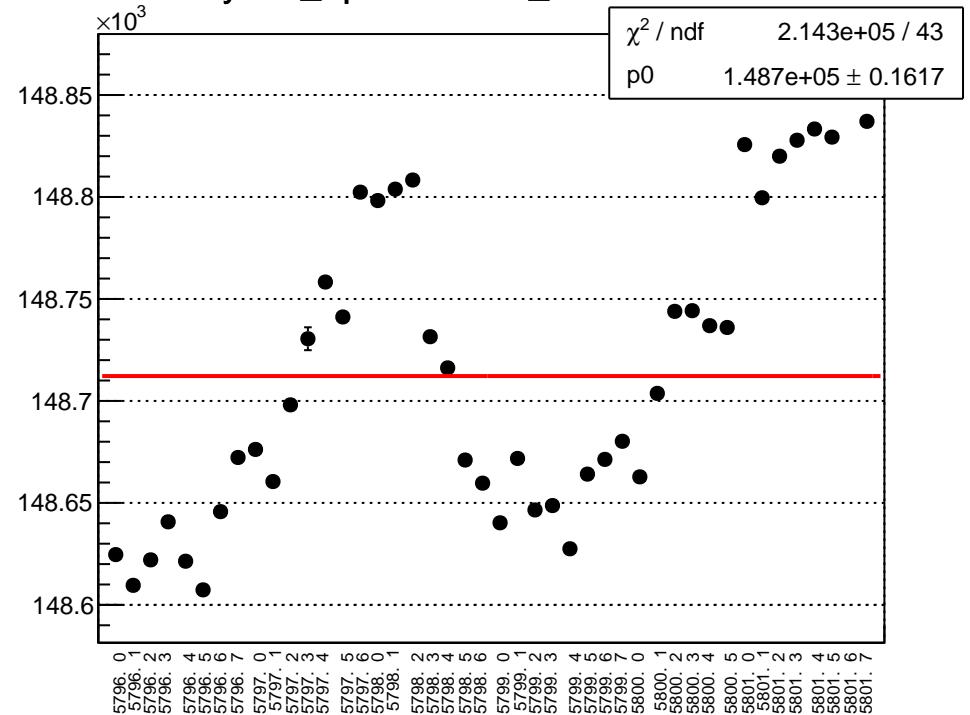
# yield\_bpm1i04WS\_mean vs run



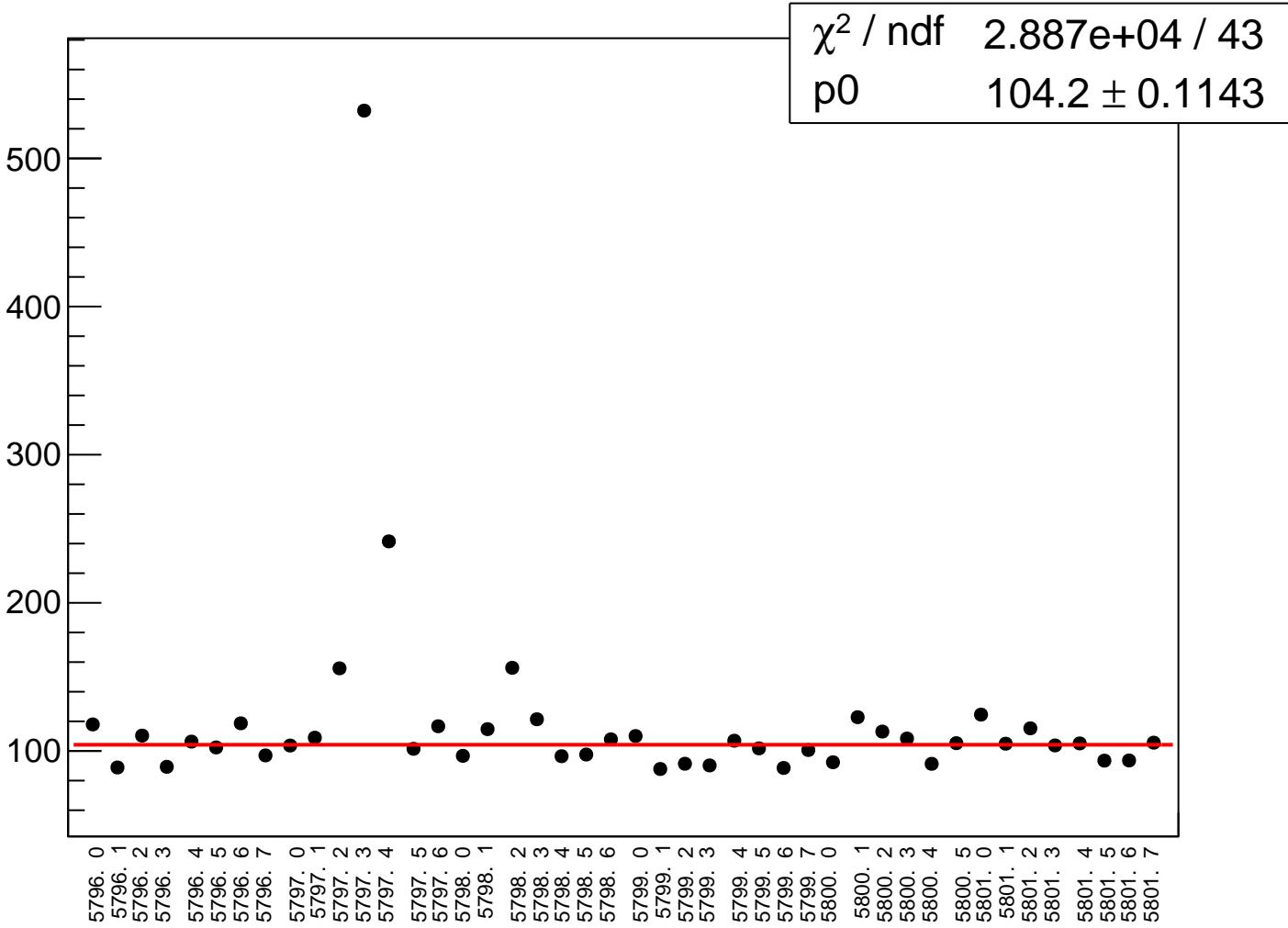
# yield\_bpm1i04WS\_rms vs run



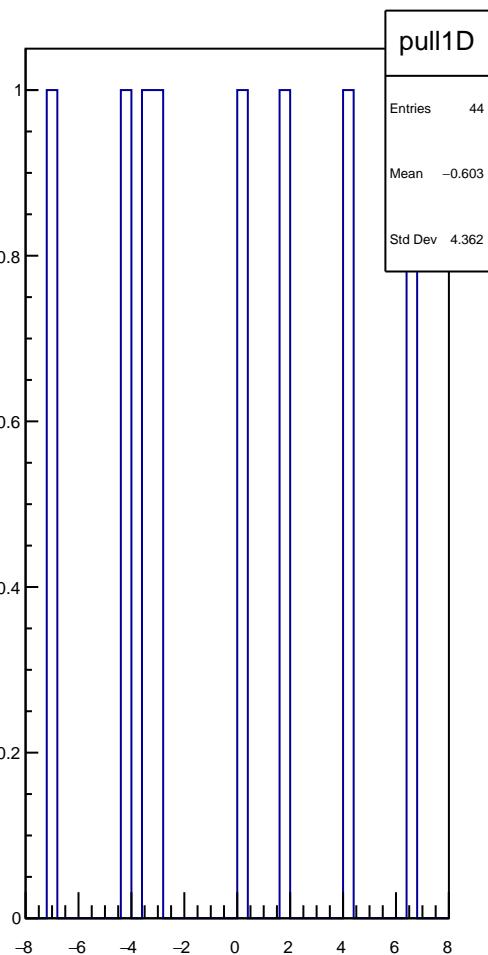
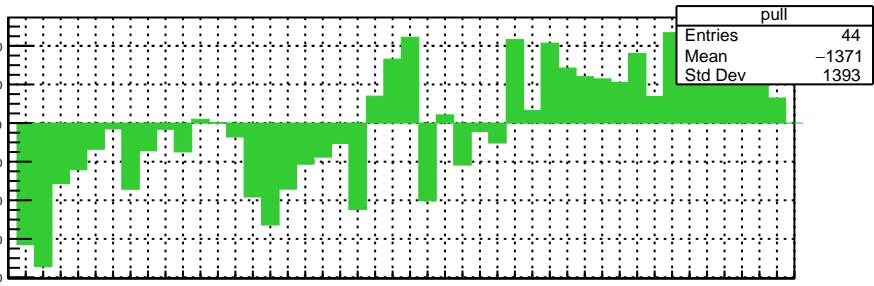
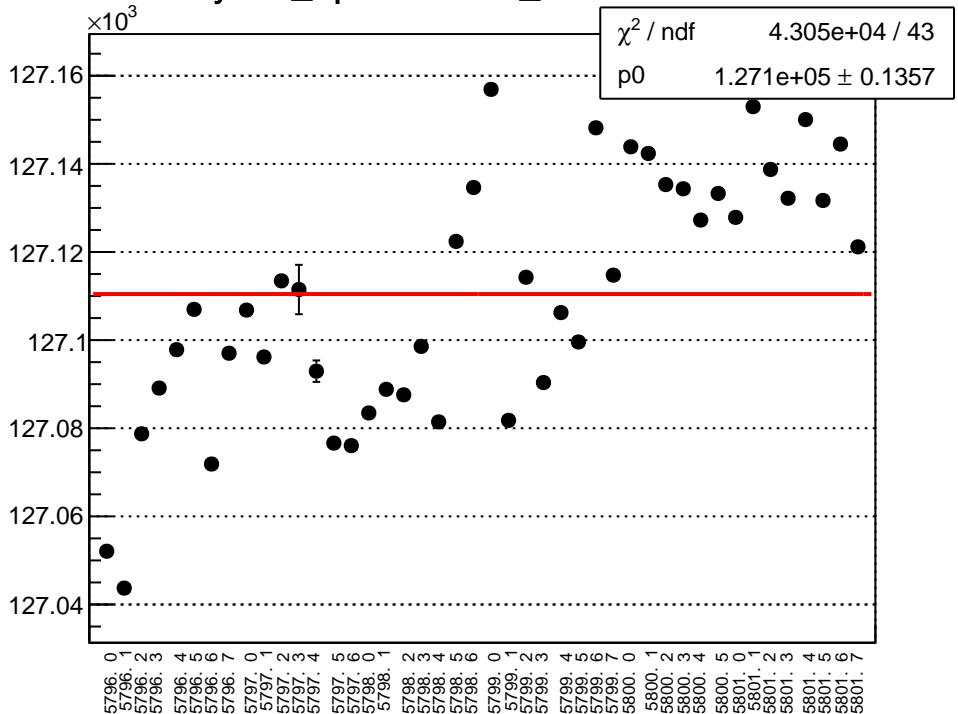
# yield\_bpm1i06WS\_mean vs run



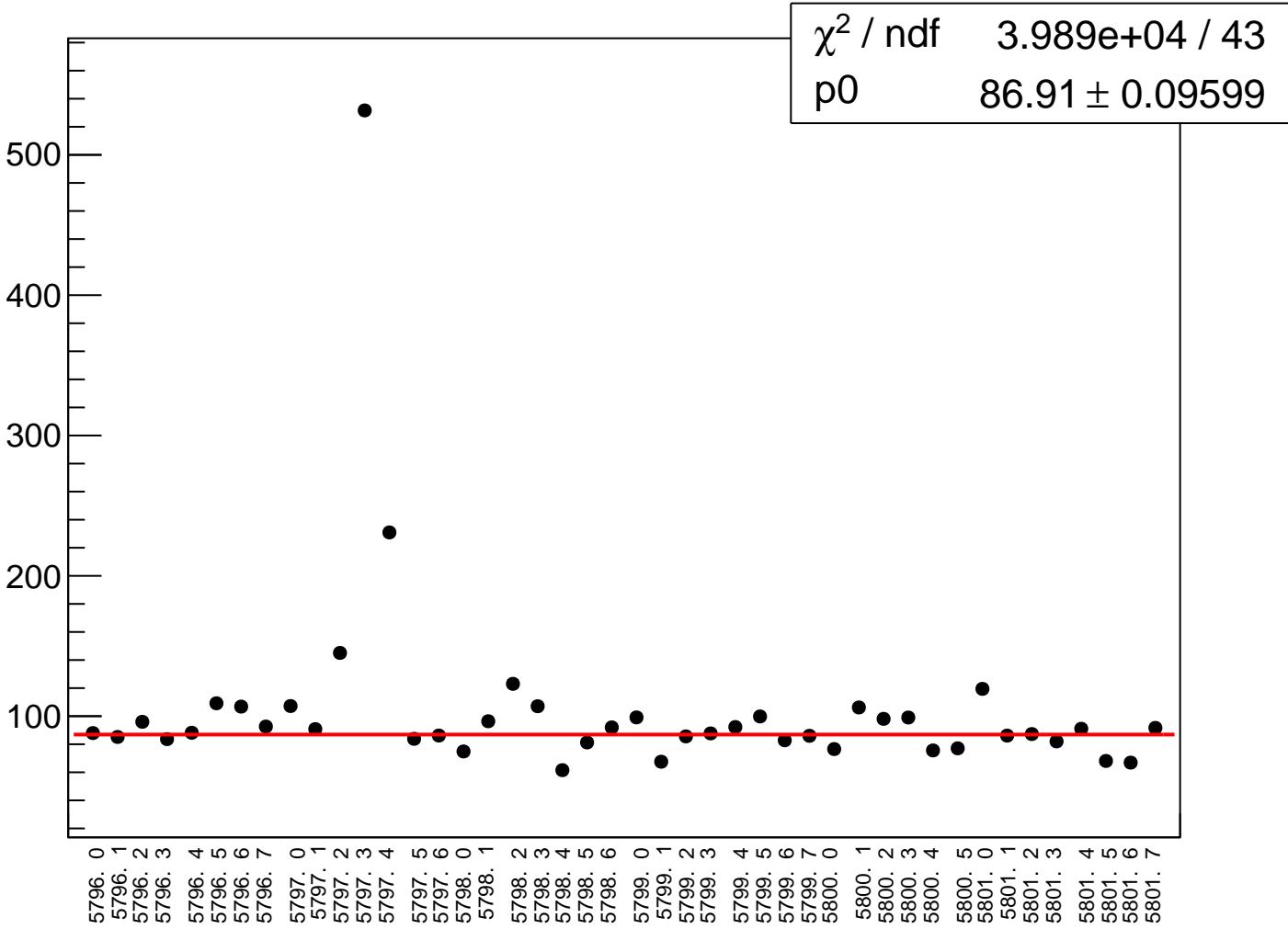
# yield\_bpm1i06WS\_rms vs run



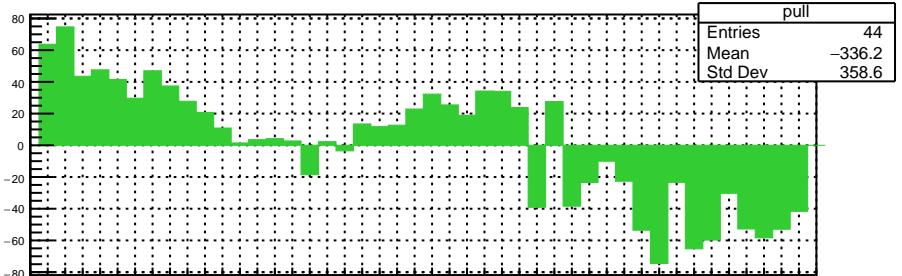
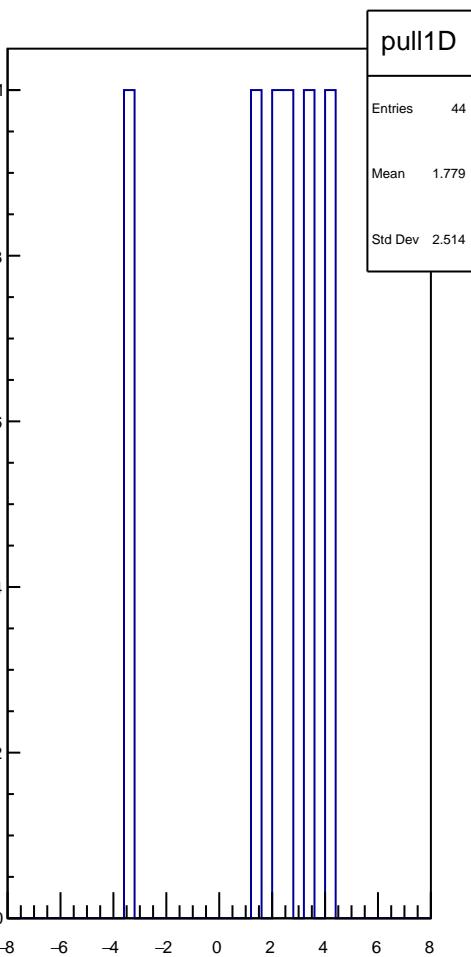
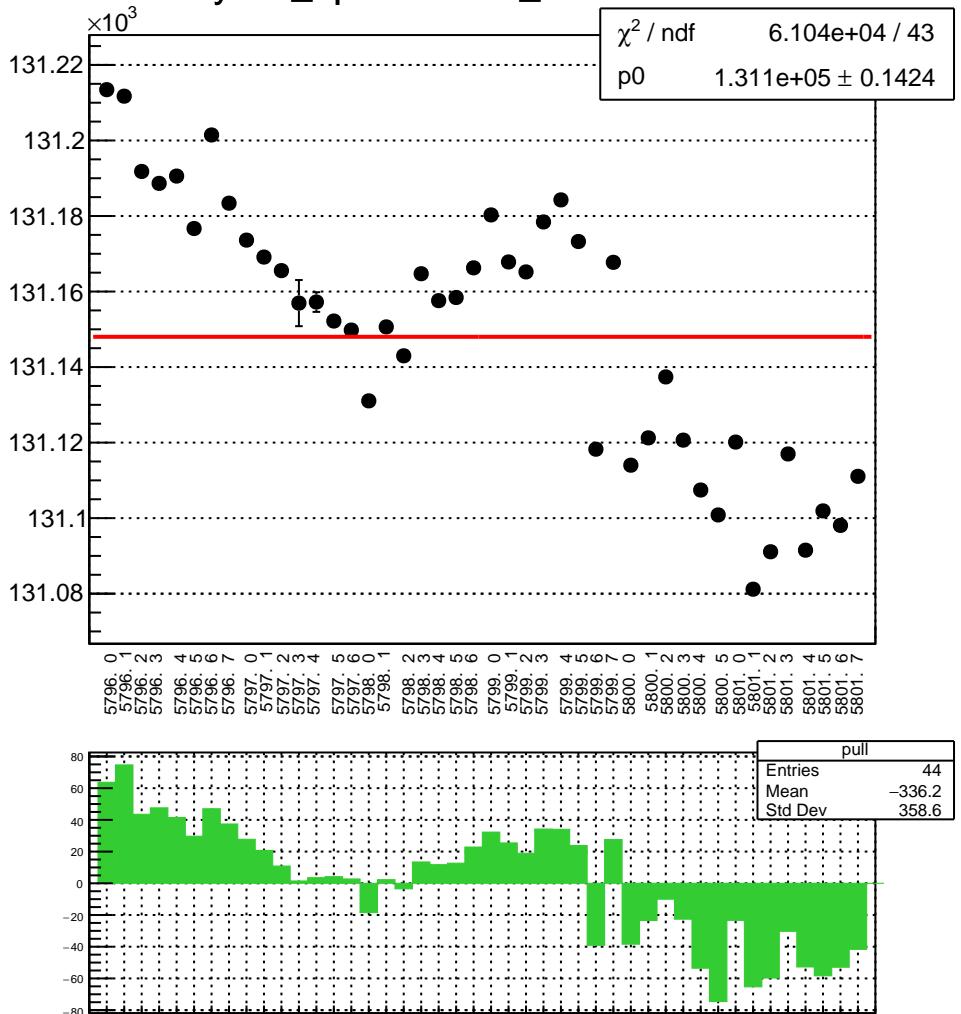
# yield\_bpm2i01WS\_mean vs run



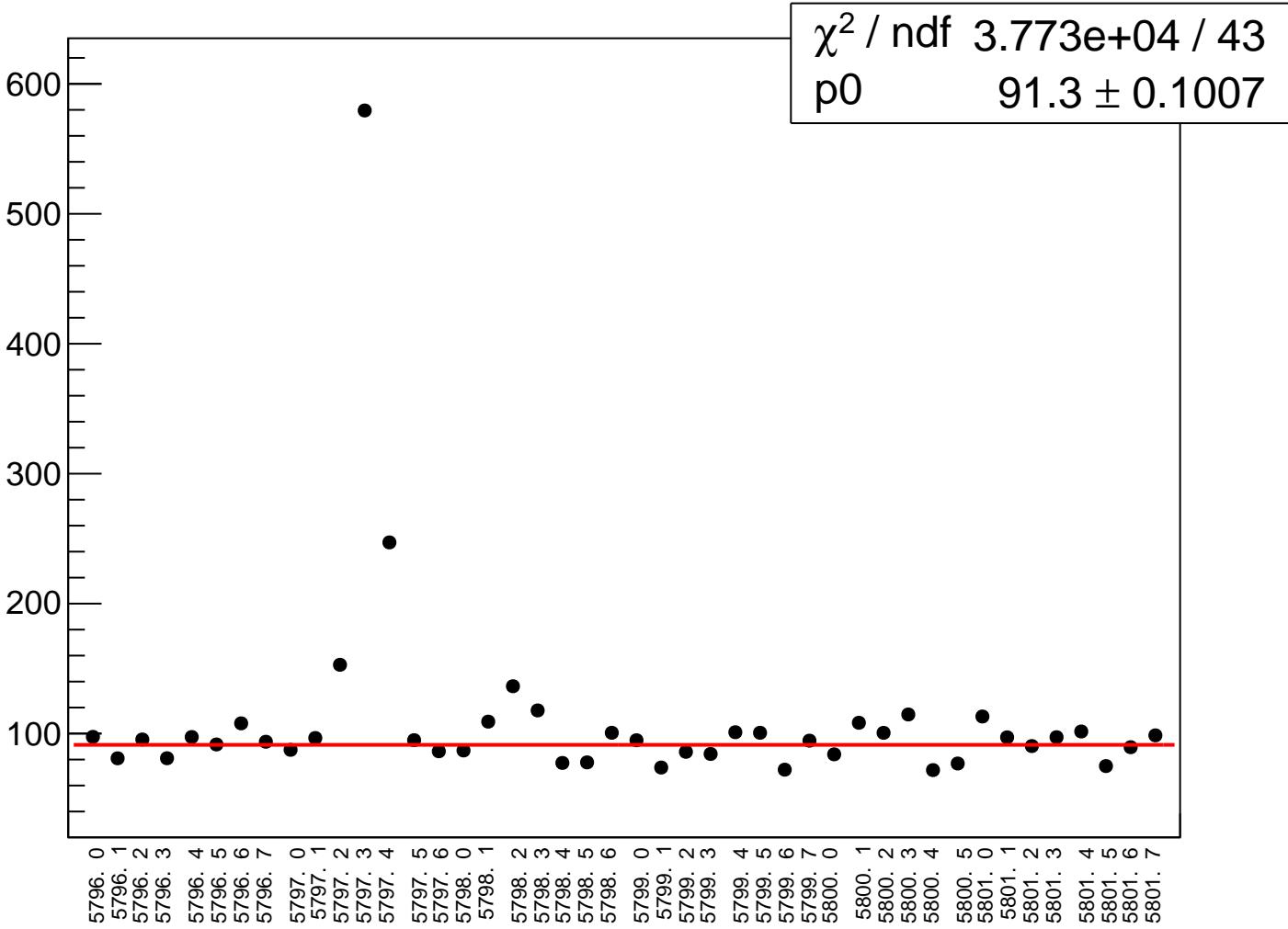
# yield\_bpm2i01WS\_rms vs run



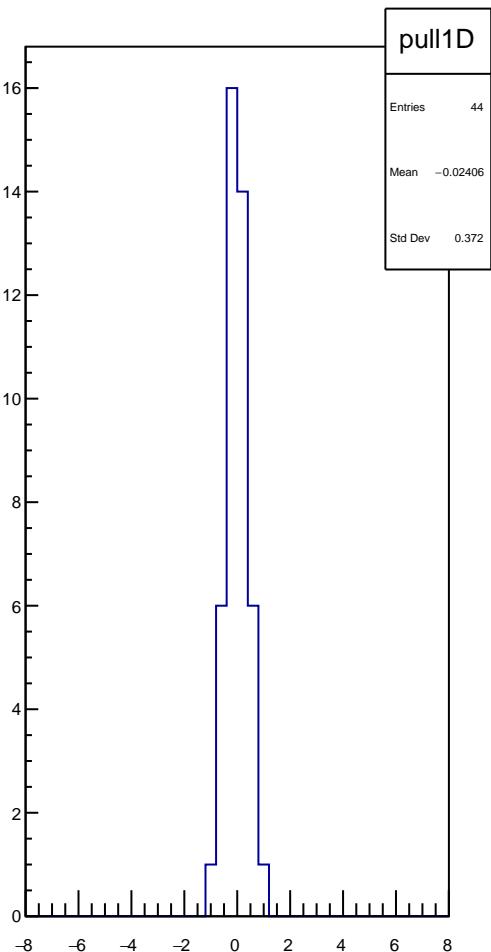
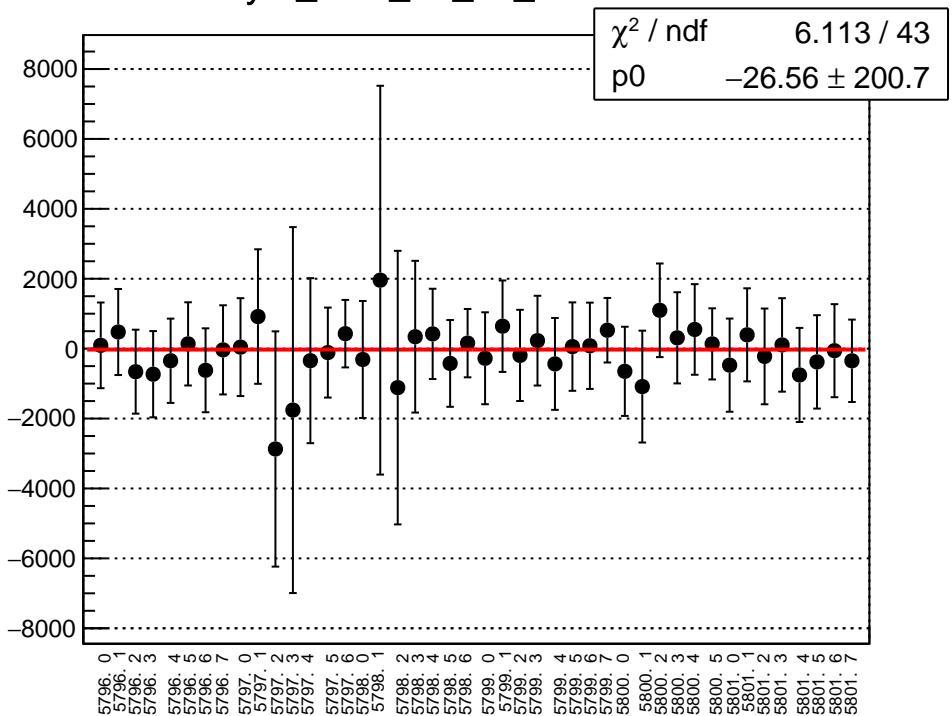
# yield\_bpm2i02WS\_mean vs run



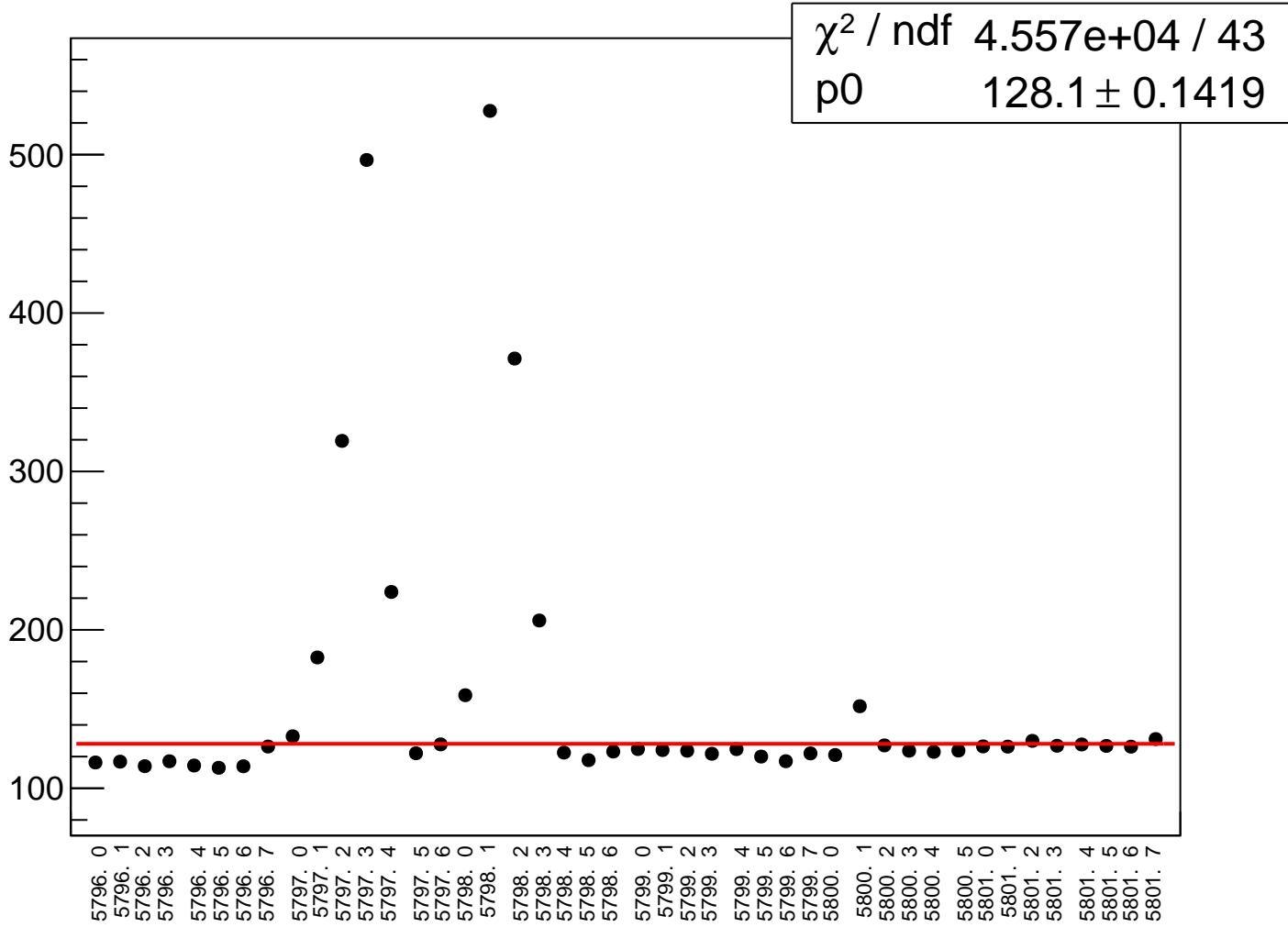
# yield\_bpm2i02WS\_rms vs run



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



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



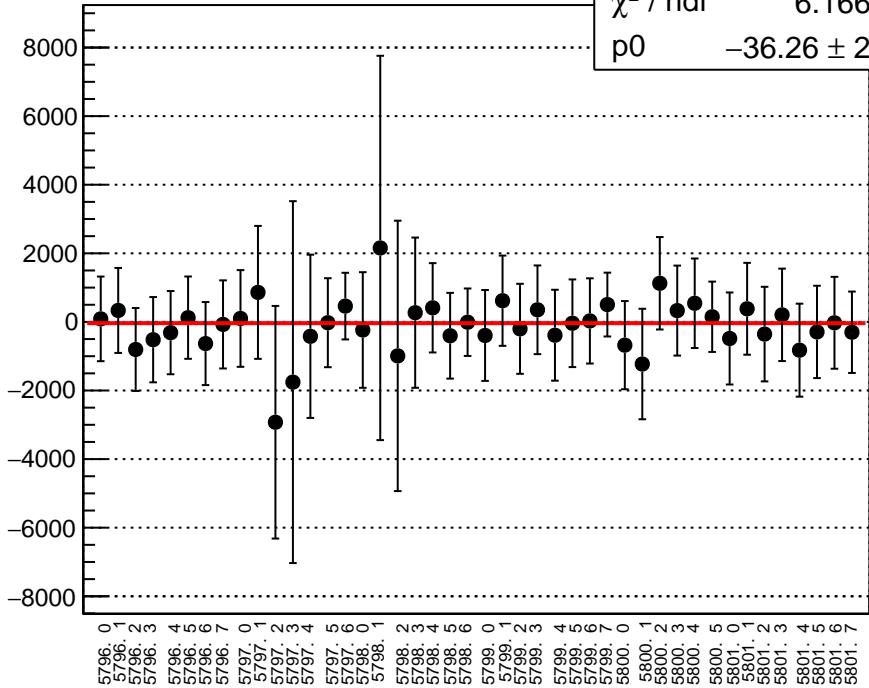
# asym\_bcm\_an\_ds3\_mean vs run

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

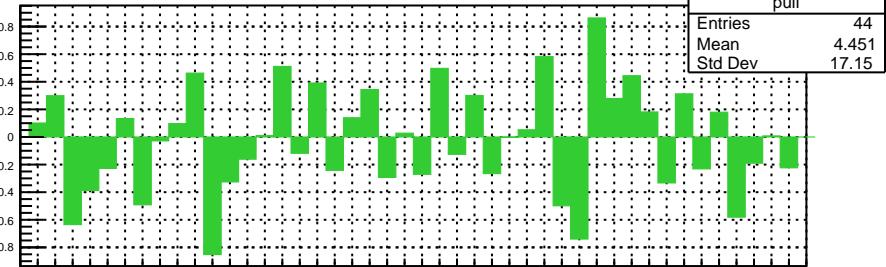
6.166 / 43

p0

$-36.26 \pm 202.2$



5796, 0  
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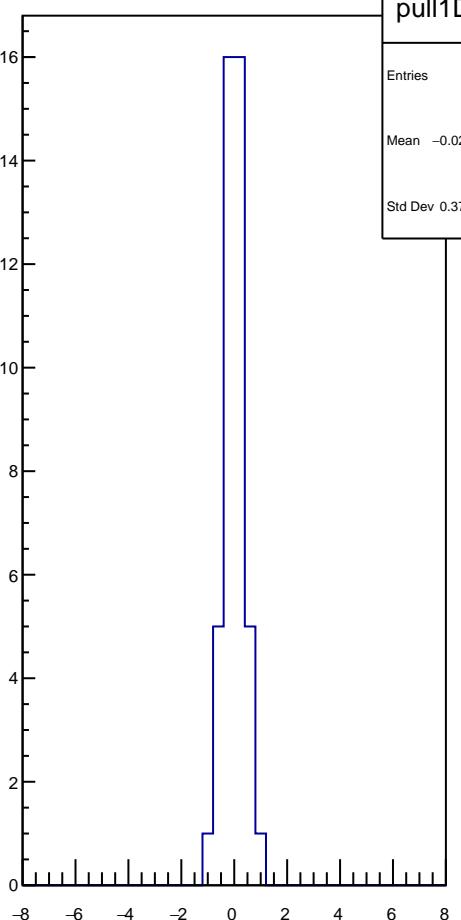


pull1D

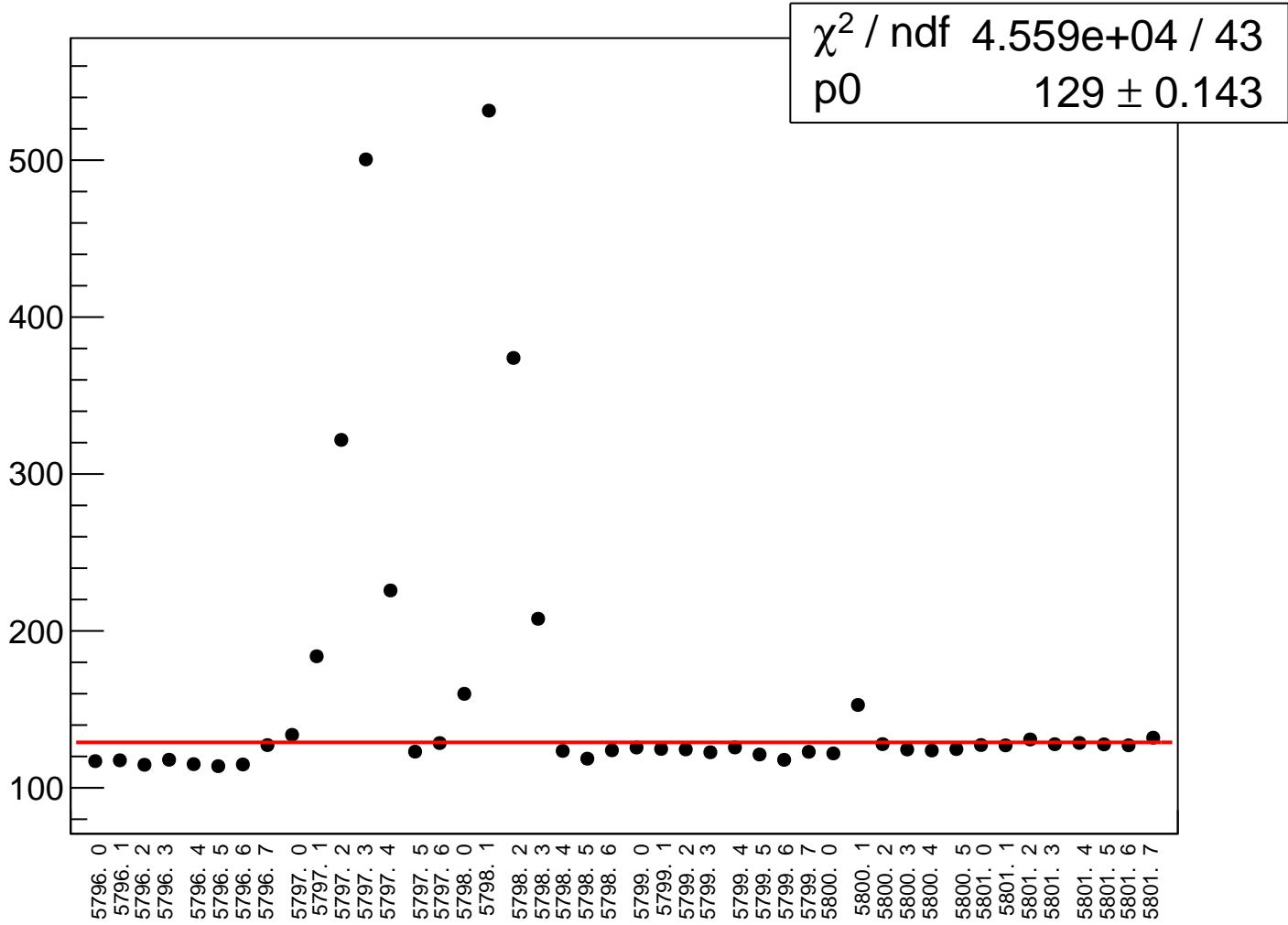
Entries 44

Mean -0.0229

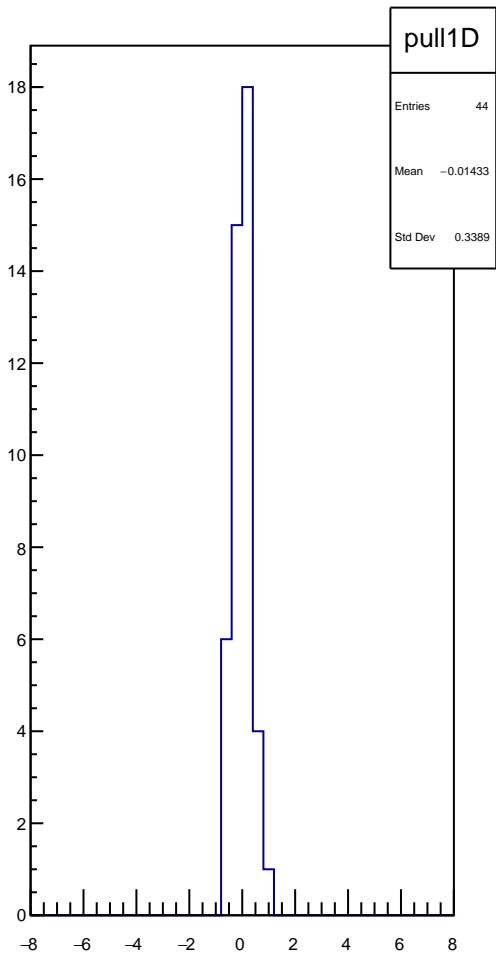
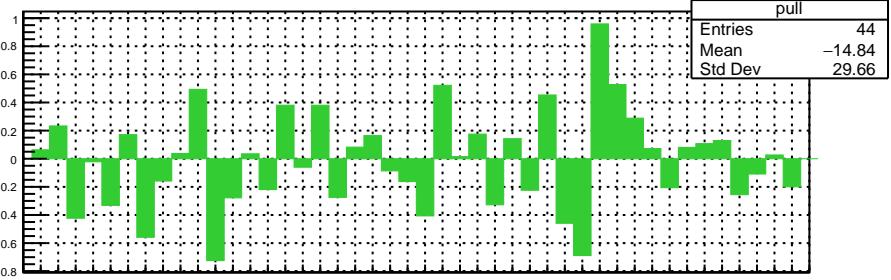
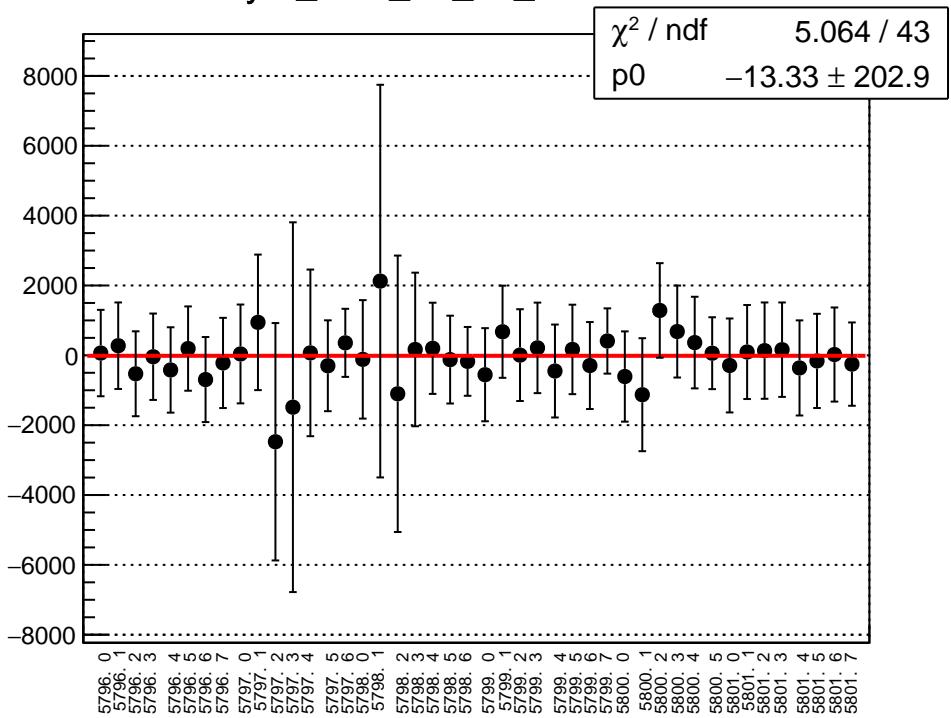
Std Dev 0.3737



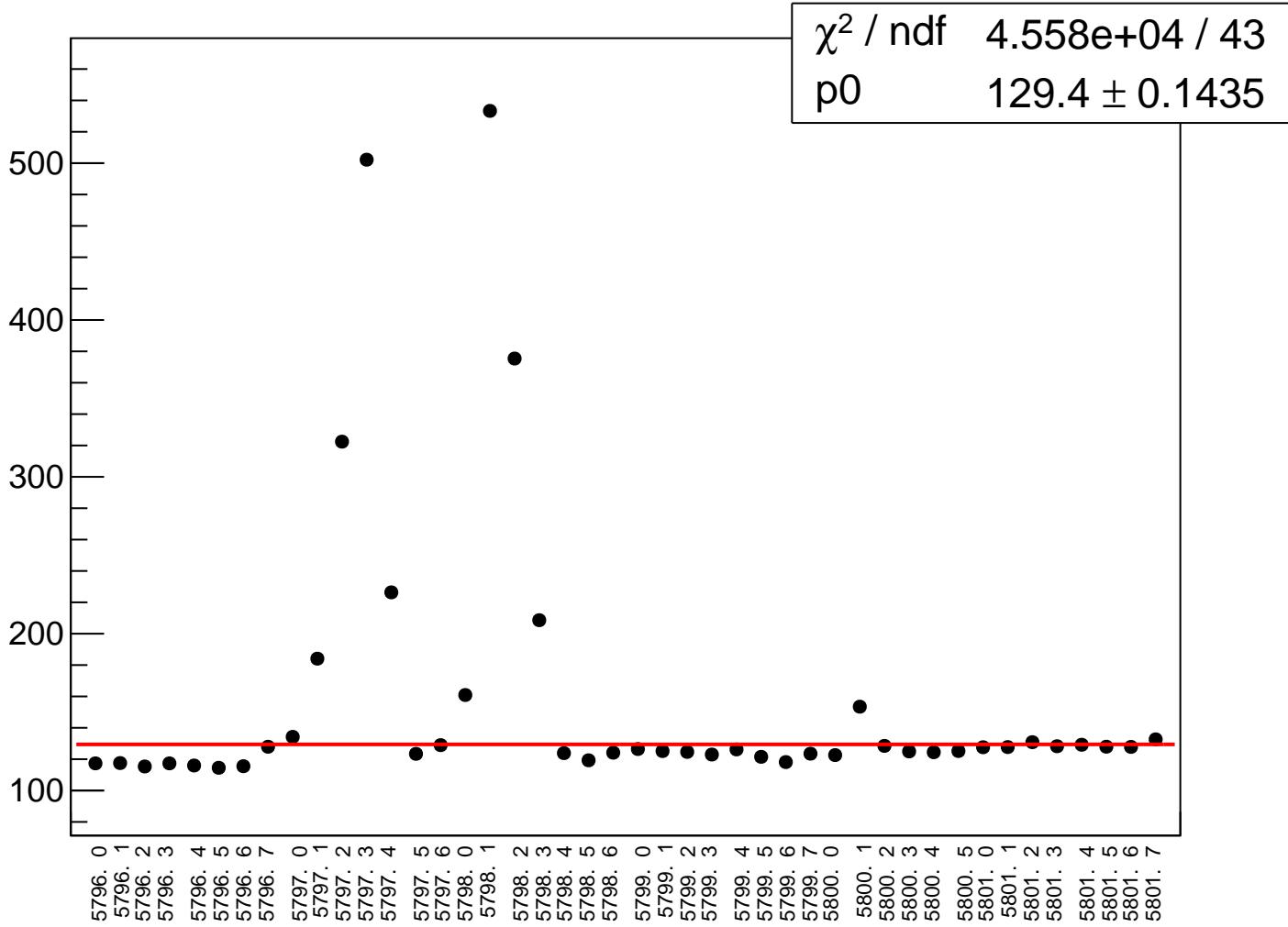
# asym\_bcm\_an\_ds3\_rms vs run



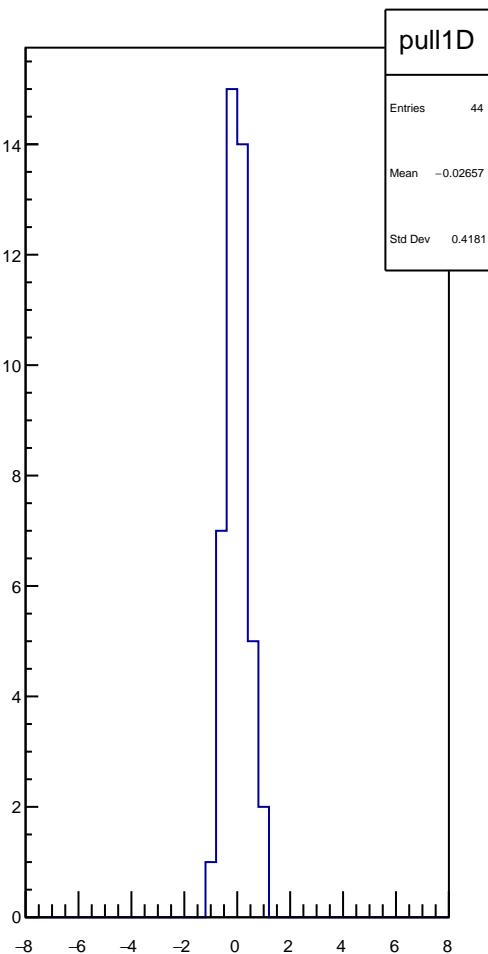
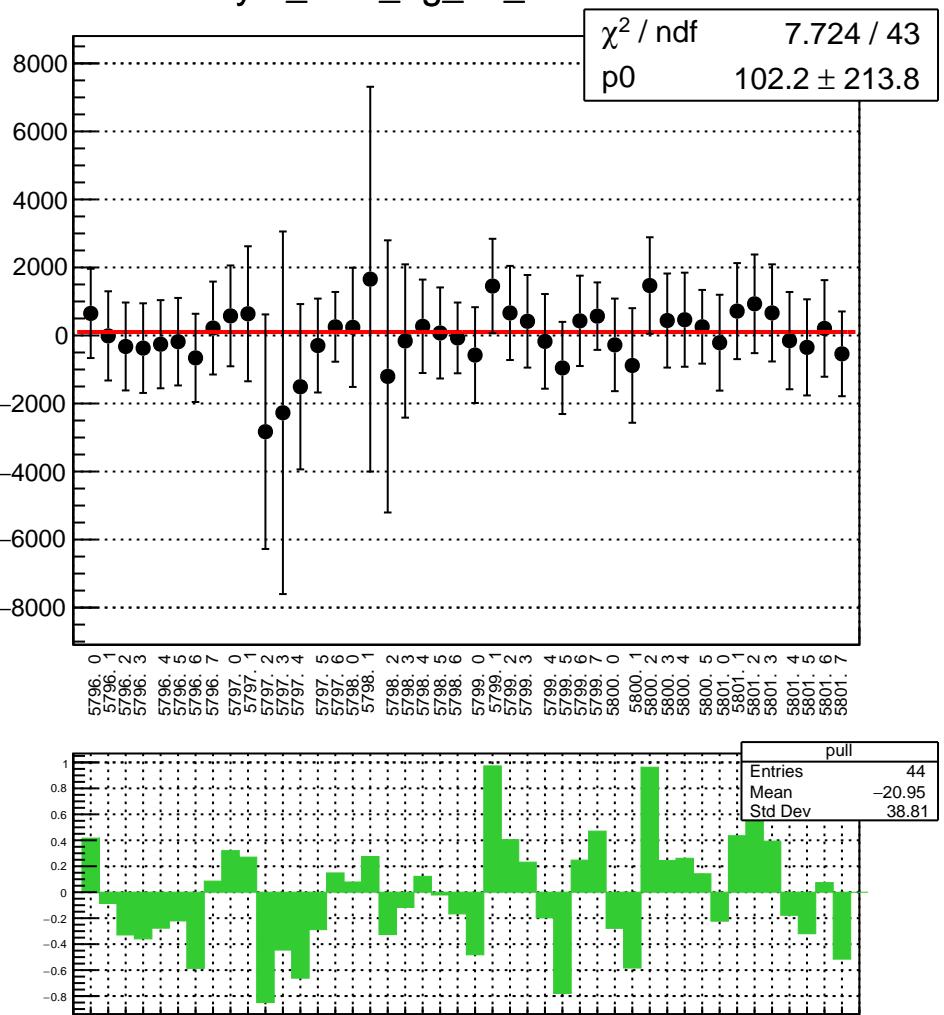
# asym\_bcm\_an\_us\_mean vs run



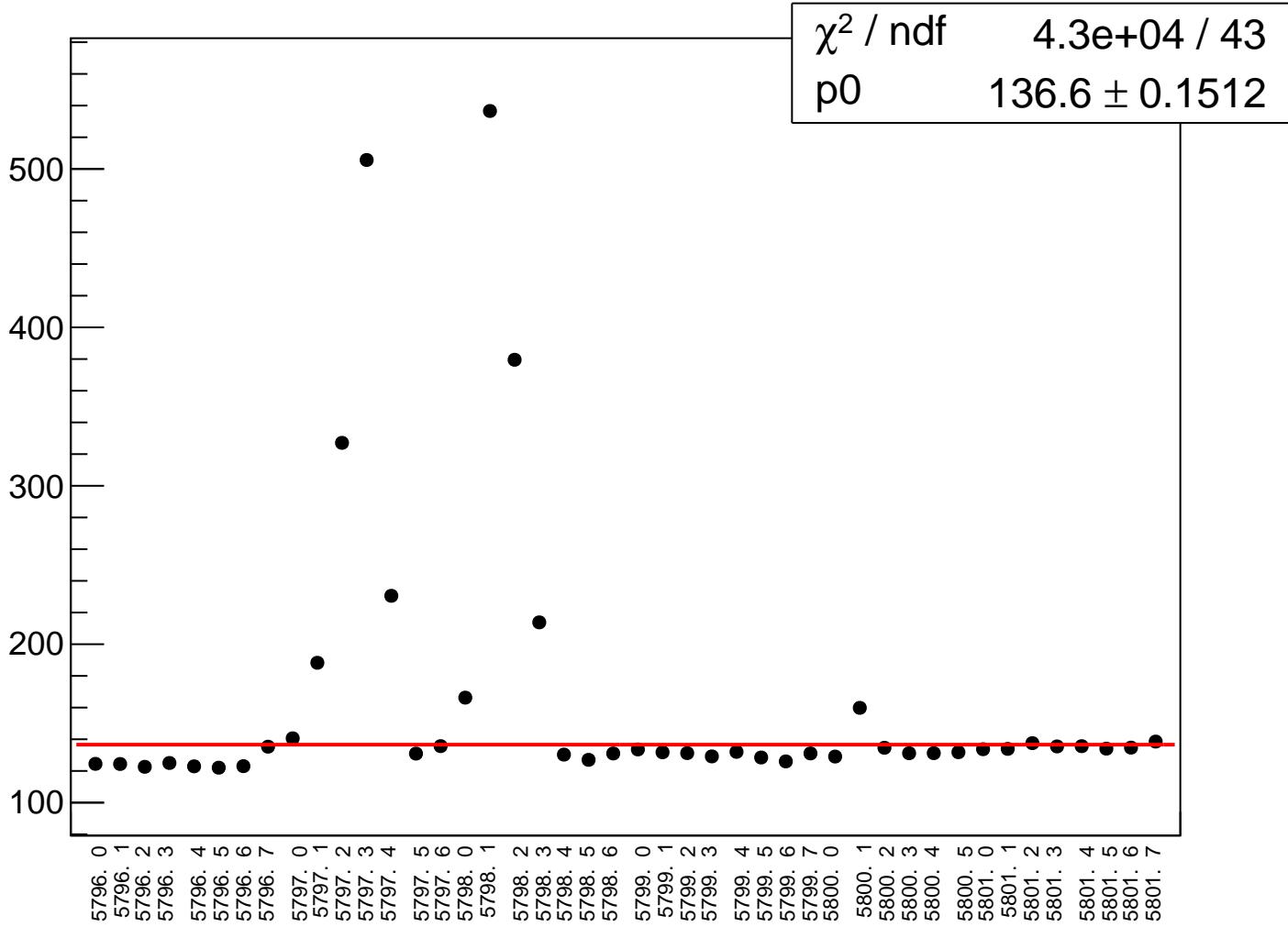
# asym\_bcm\_an\_us\_rms vs run



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

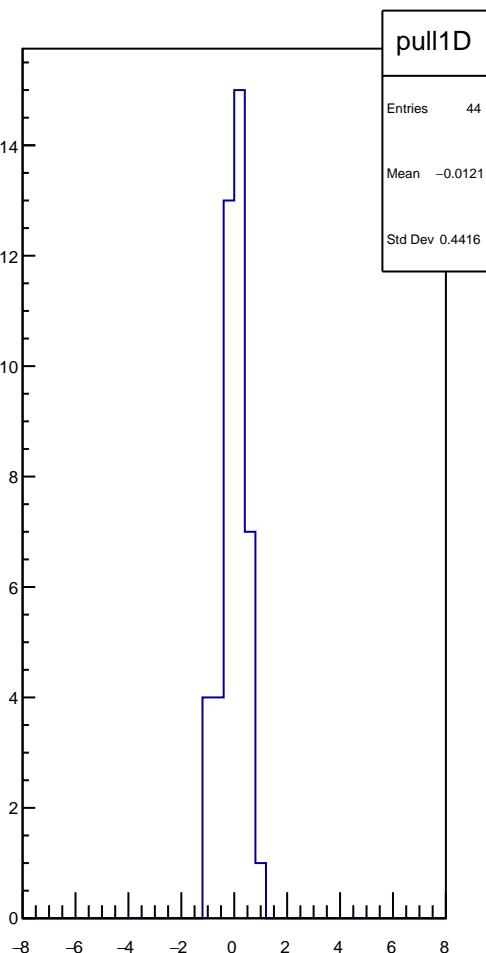
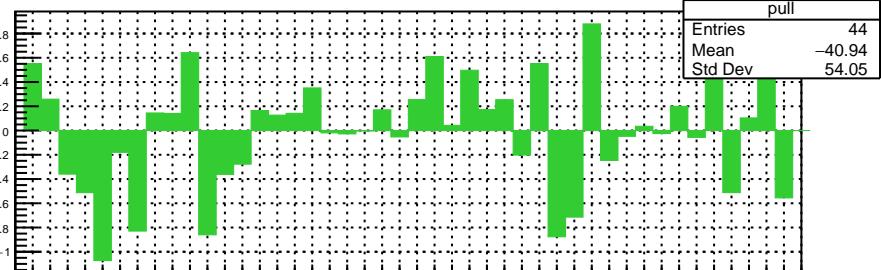
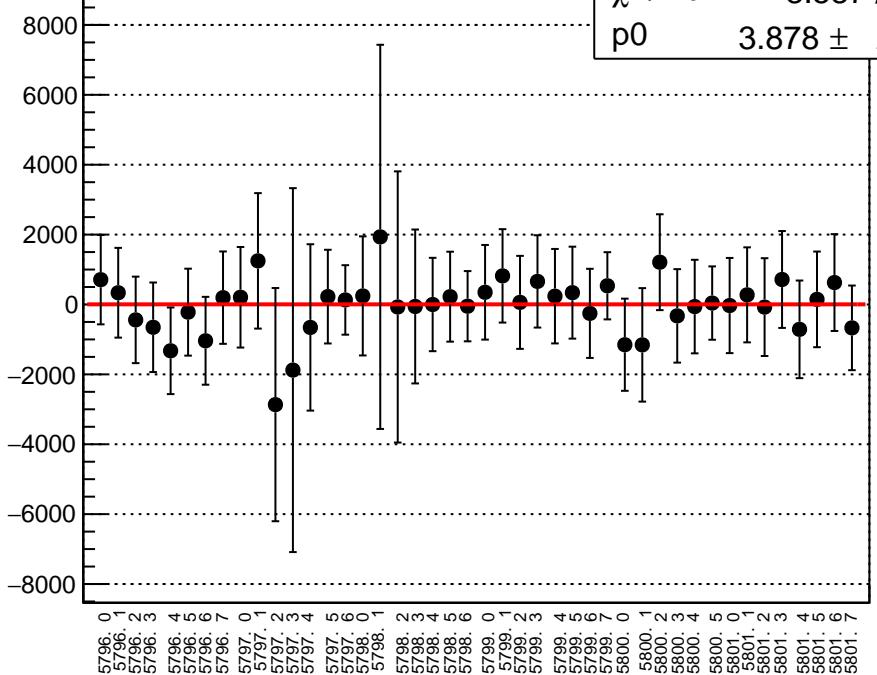


# asym\_bcm\_dg\_us\_rms vs run

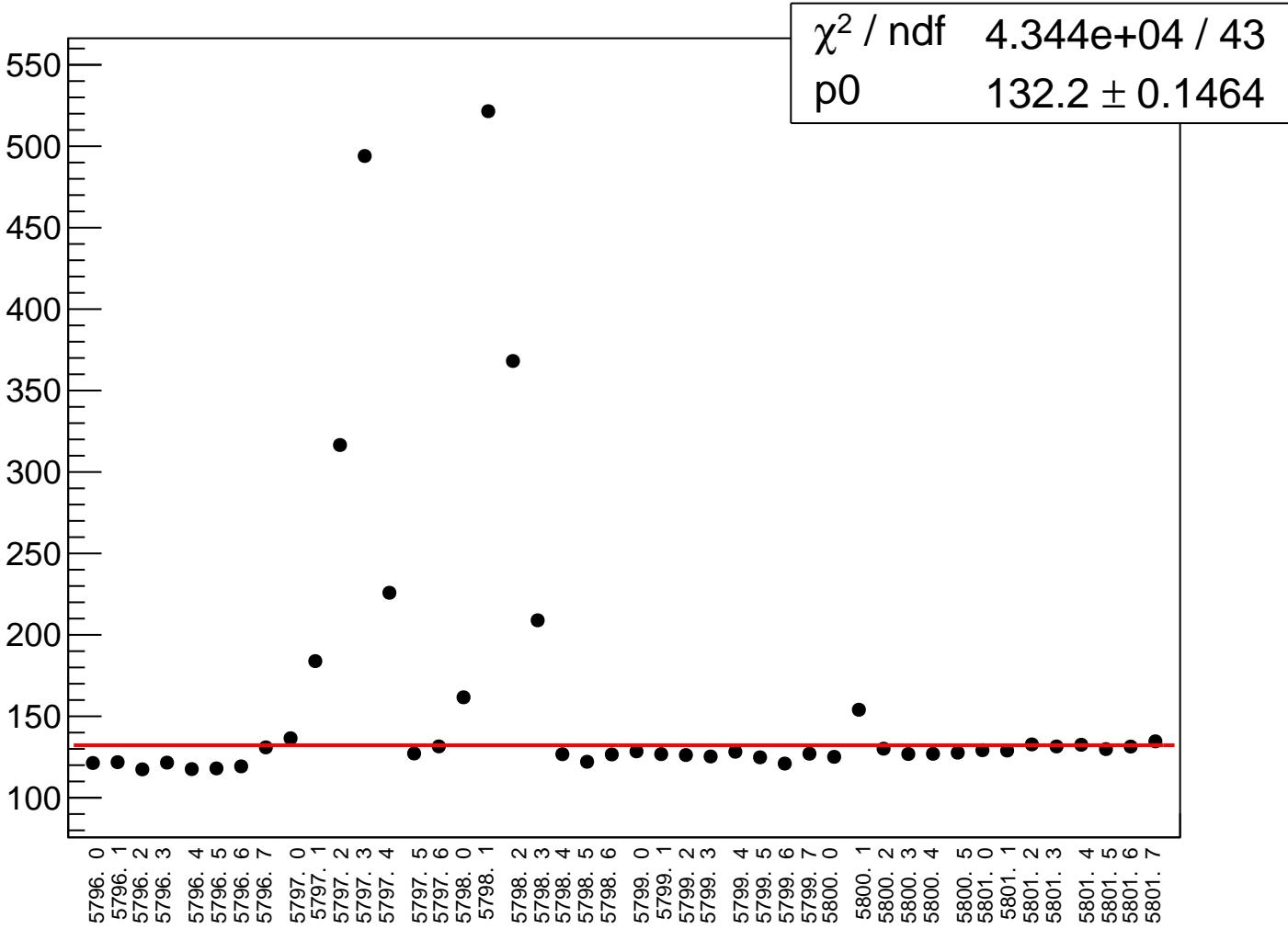


# asym\_bcm\_dg\_ds\_mean vs run

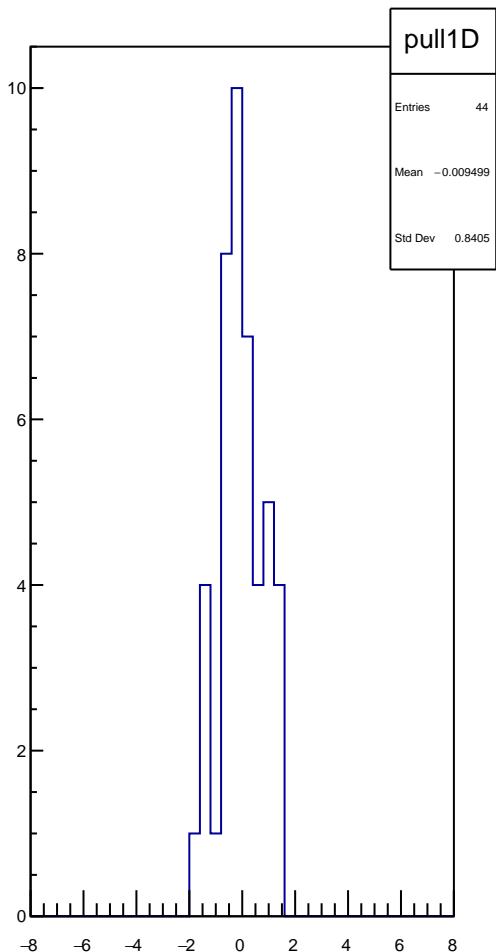
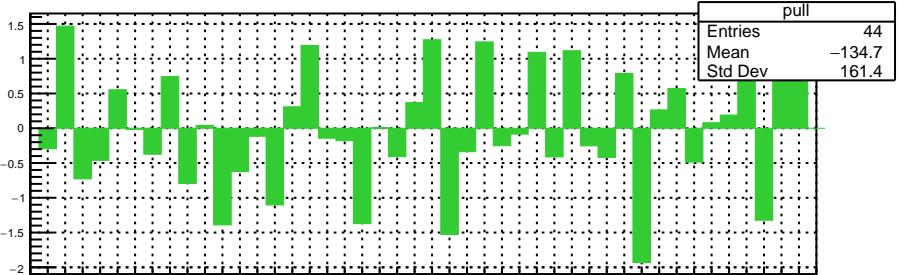
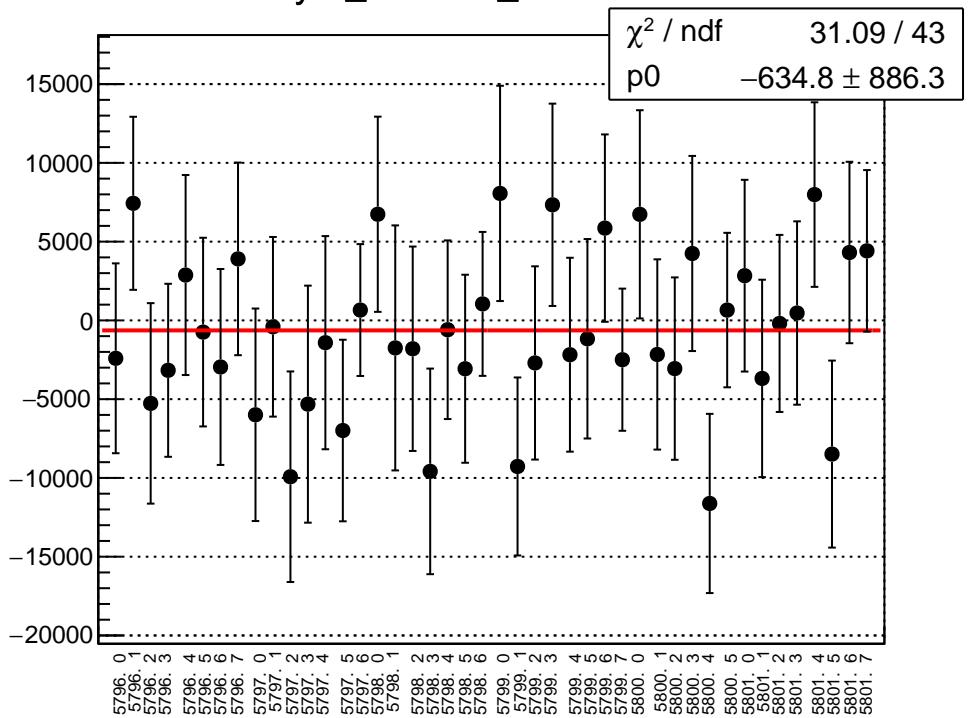
$\chi^2 / \text{ndf}$  8.587 / 43  
 $p0$   $3.878 \pm 207$



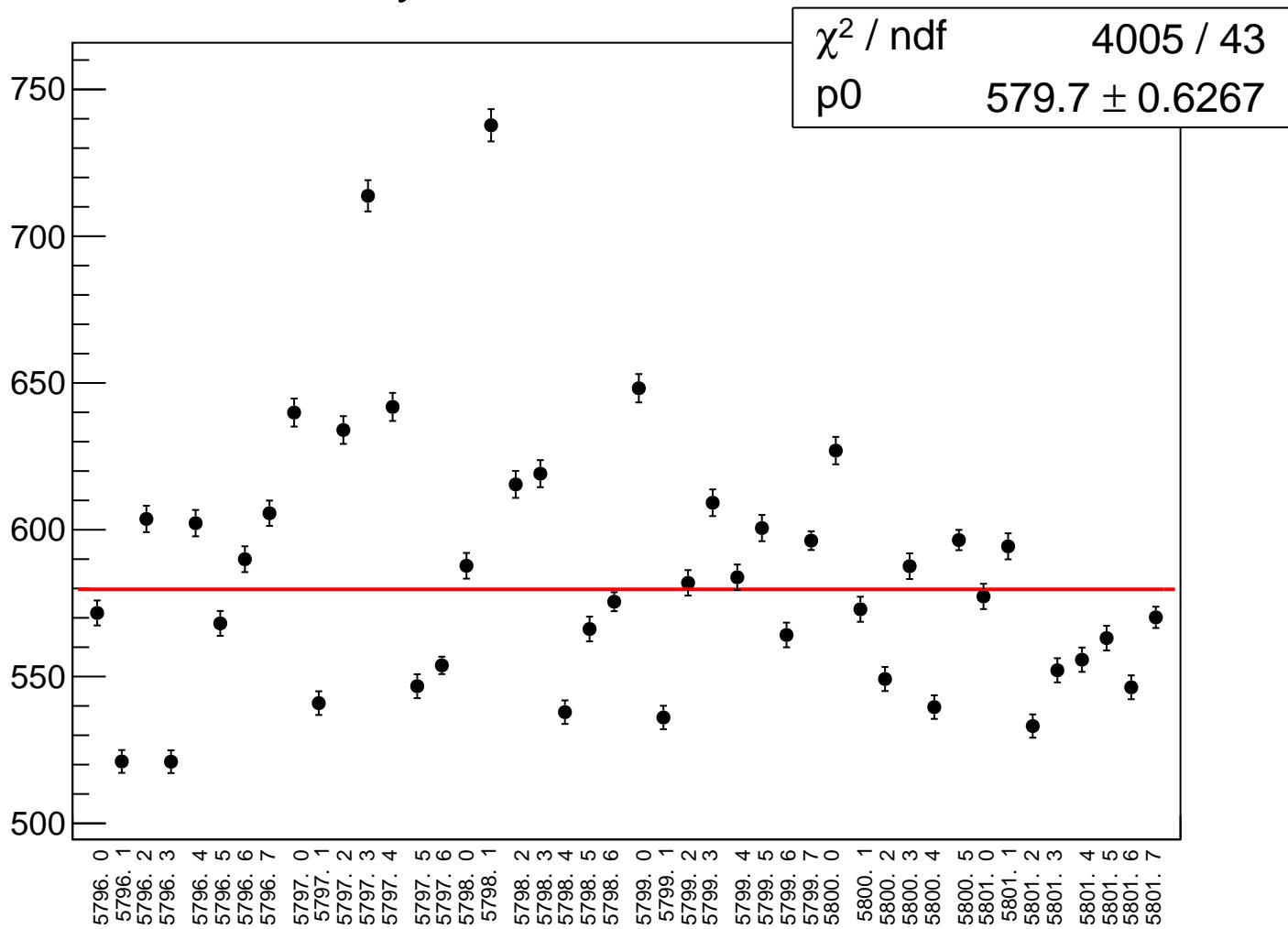
# asym\_bcm\_dg\_ds\_rms vs run



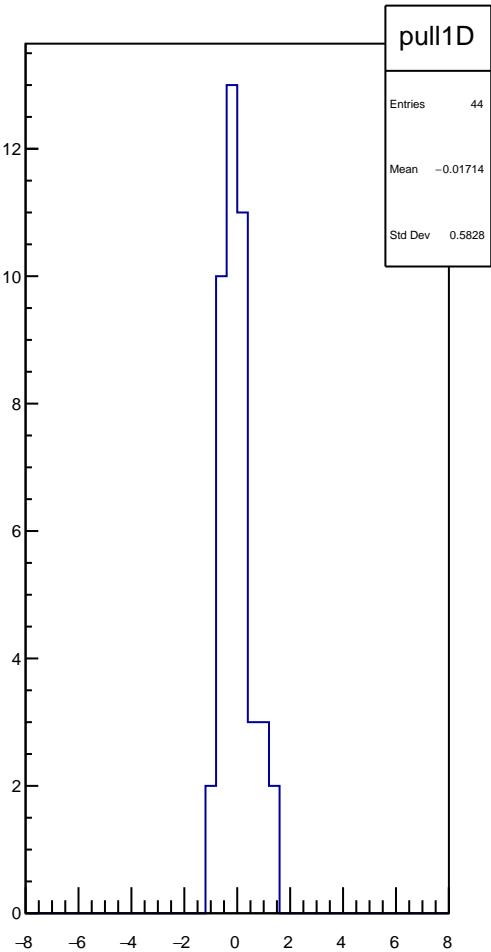
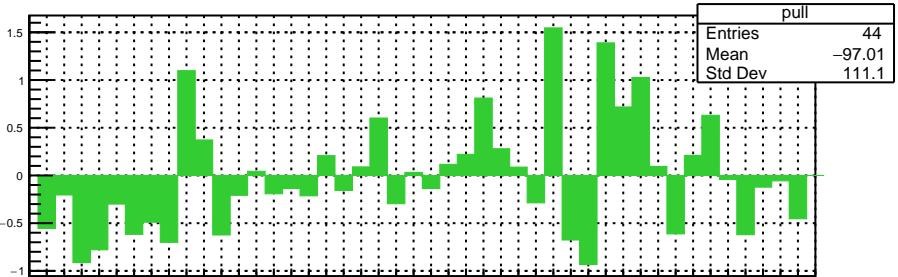
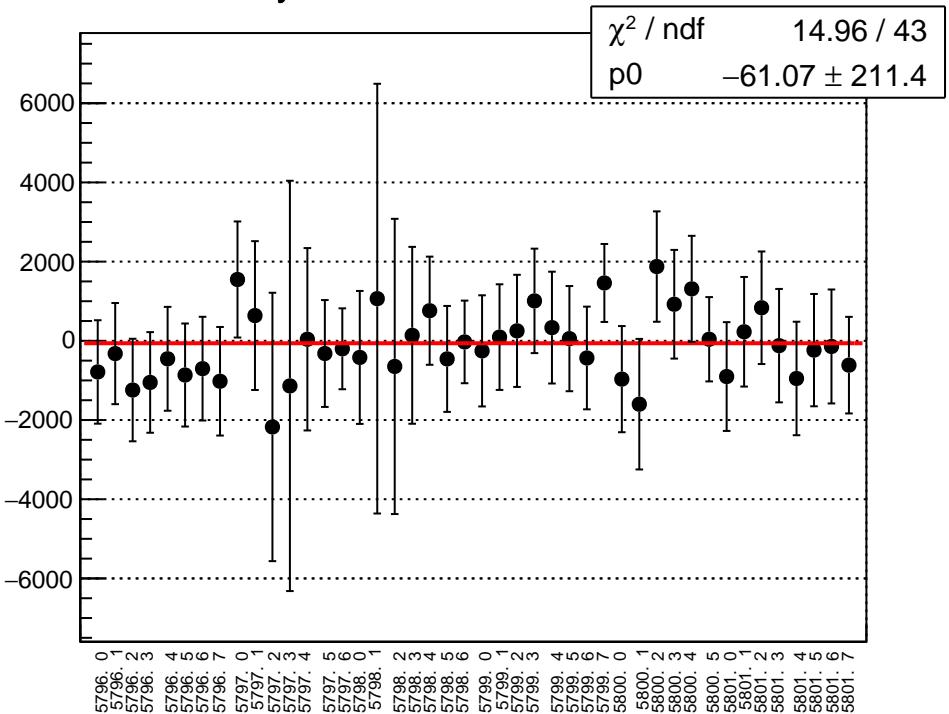
# asym\_cav4bQ\_mean vs run



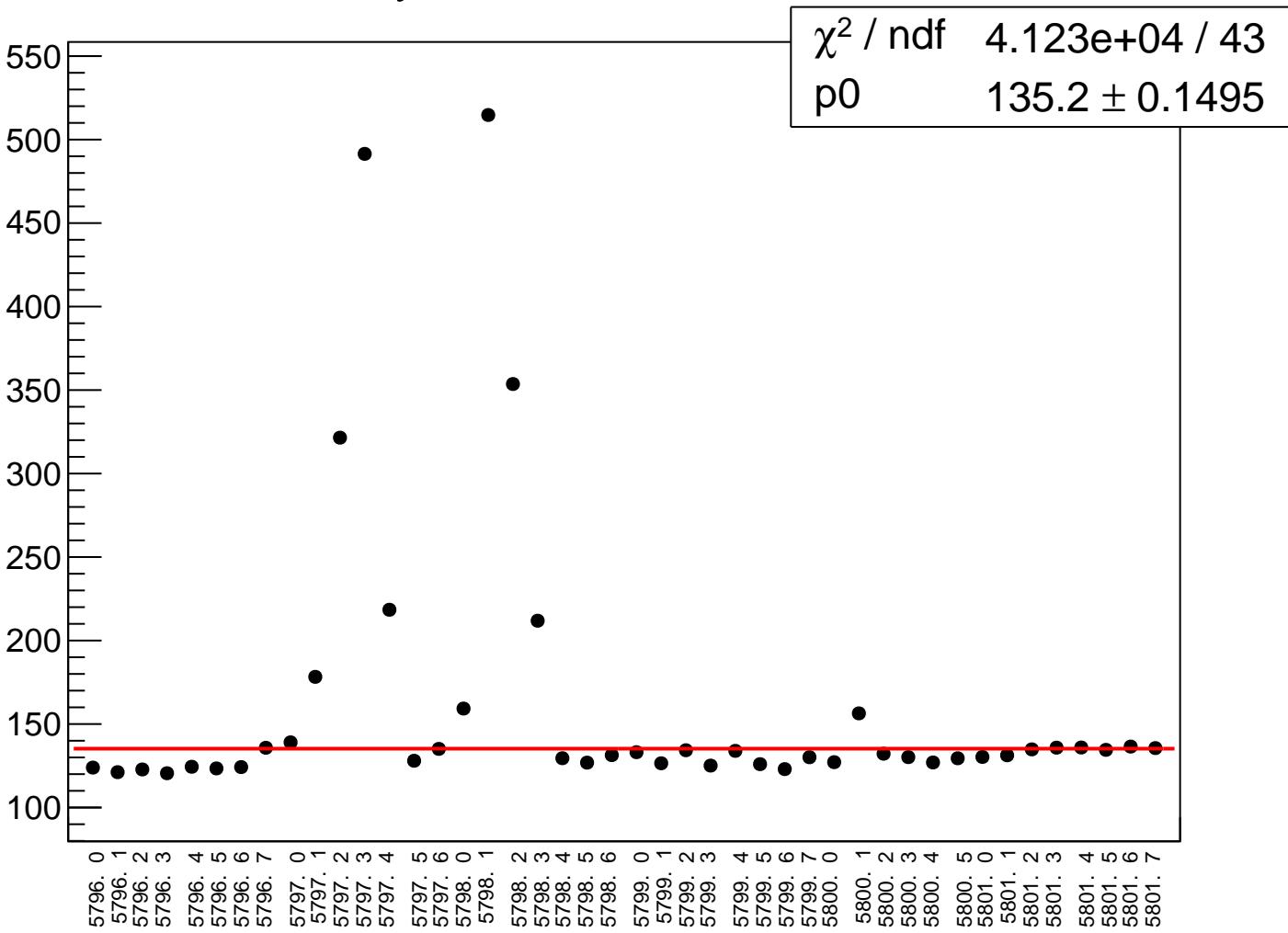
# asym\_cav4bQ\_rms vs run



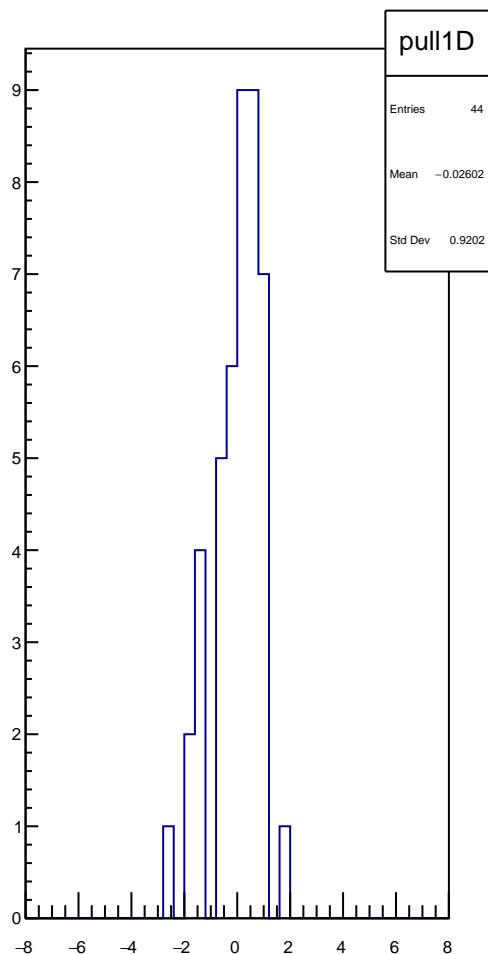
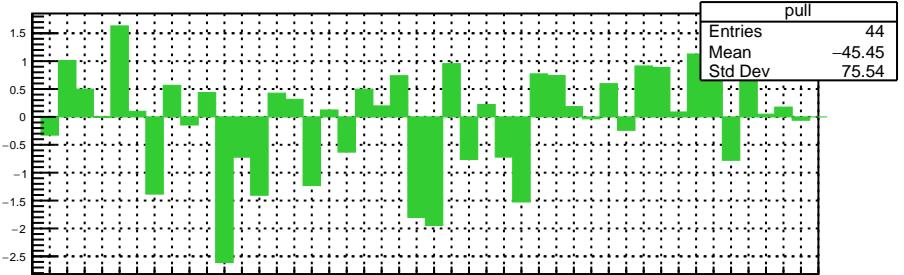
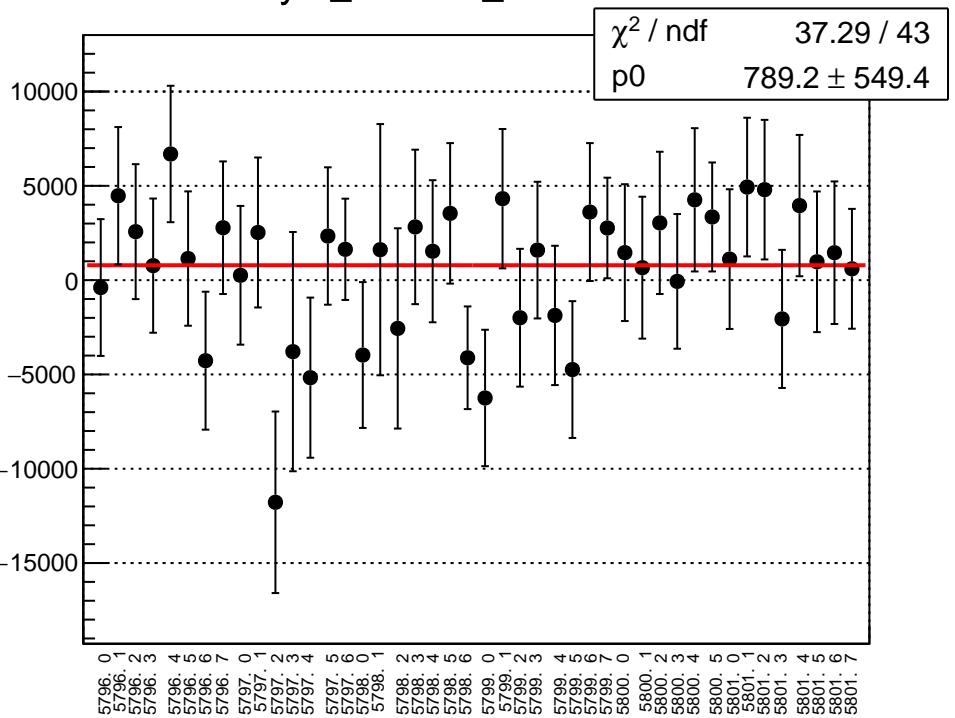
# asym\_cav4cQ\_mean vs run



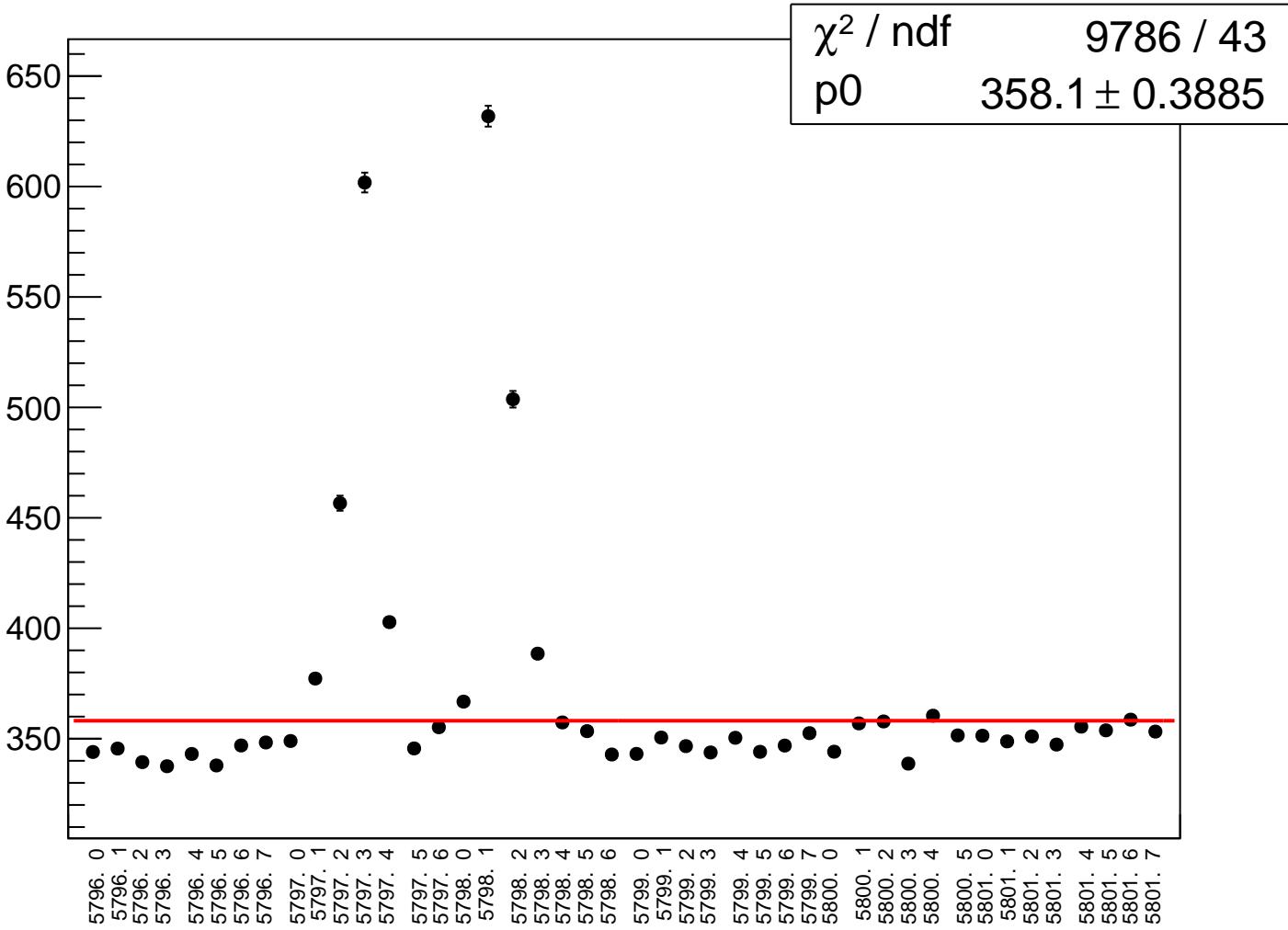
# asym\_cav4cQ\_rms vs run



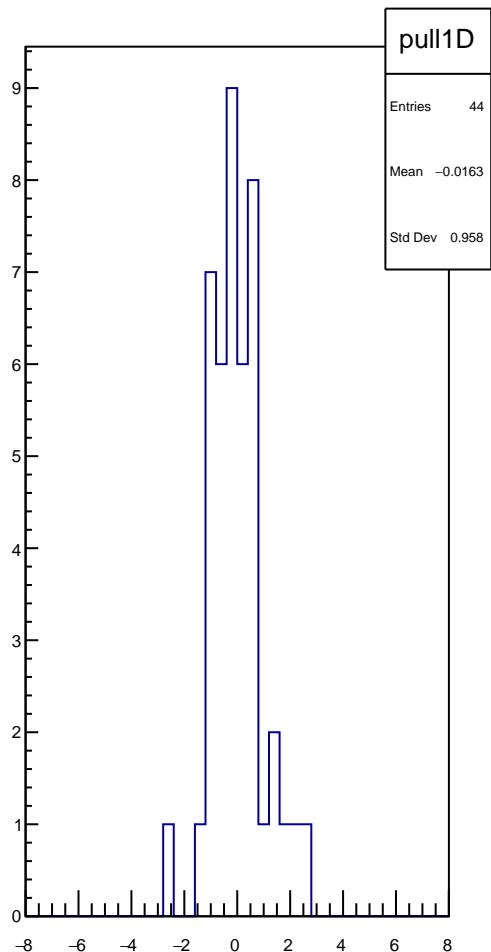
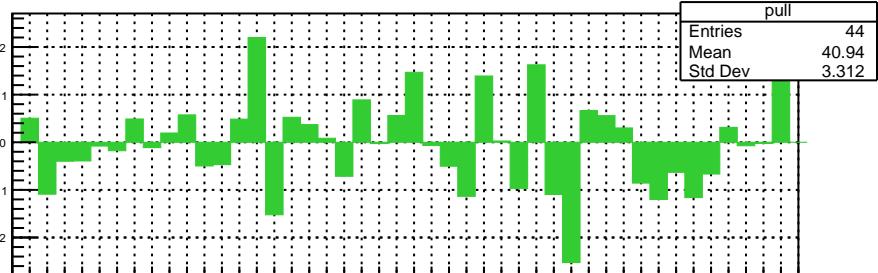
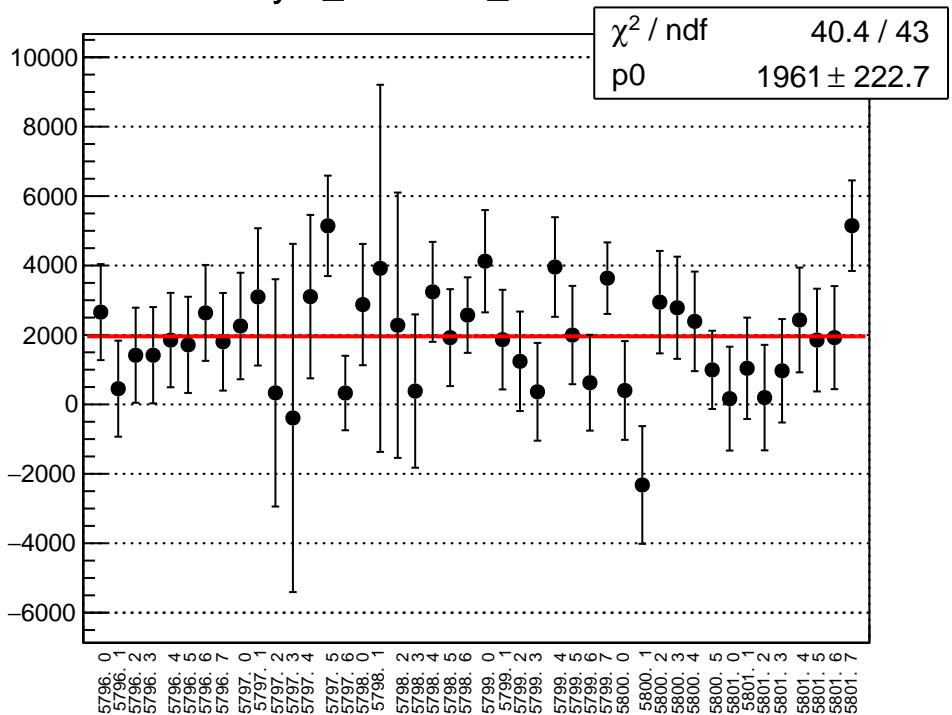
# asym\_cav4dQ\_mean vs run



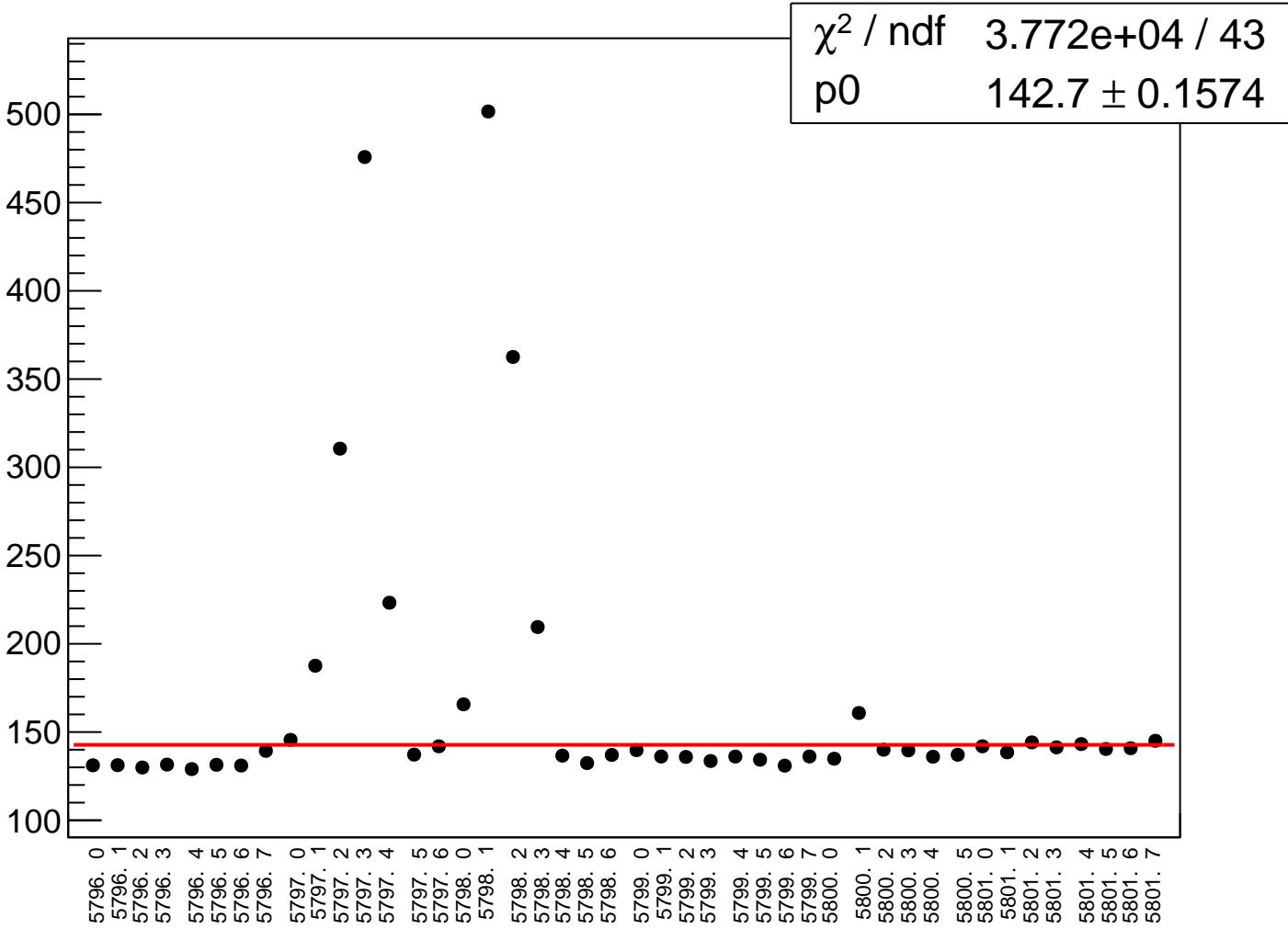
# asym\_cav4dQ\_rms vs run



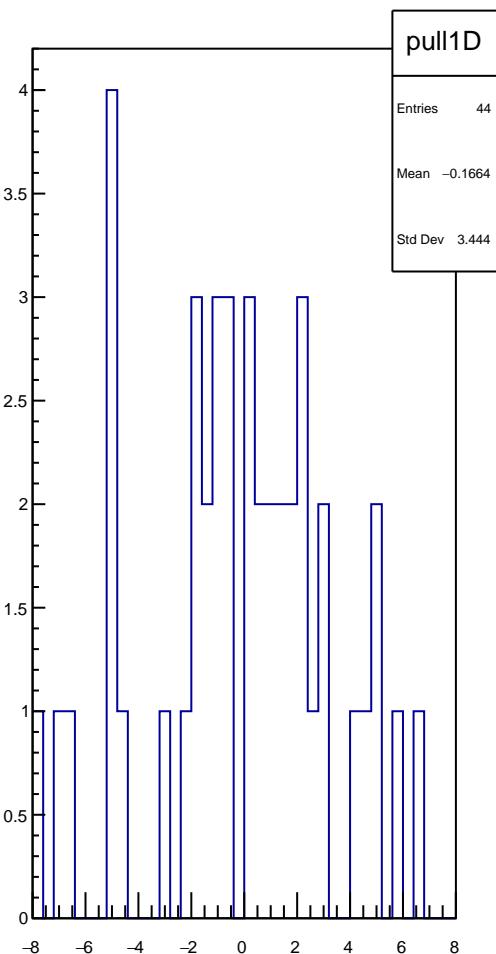
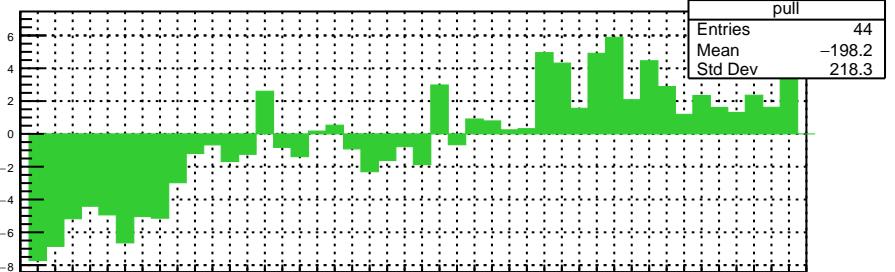
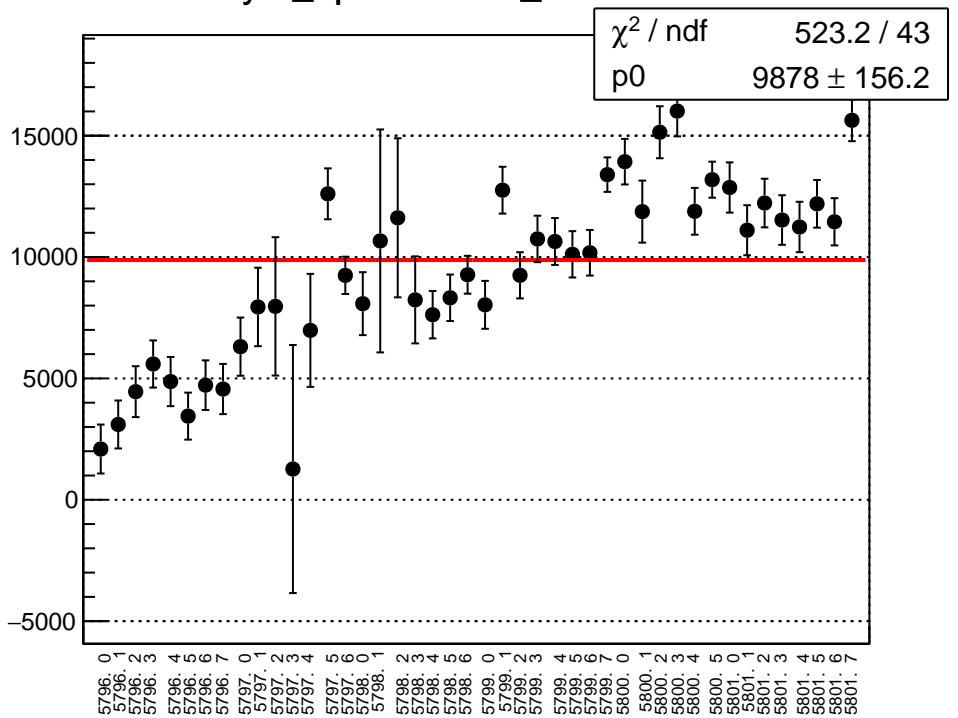
# asym\_bcm0l02\_mean vs run



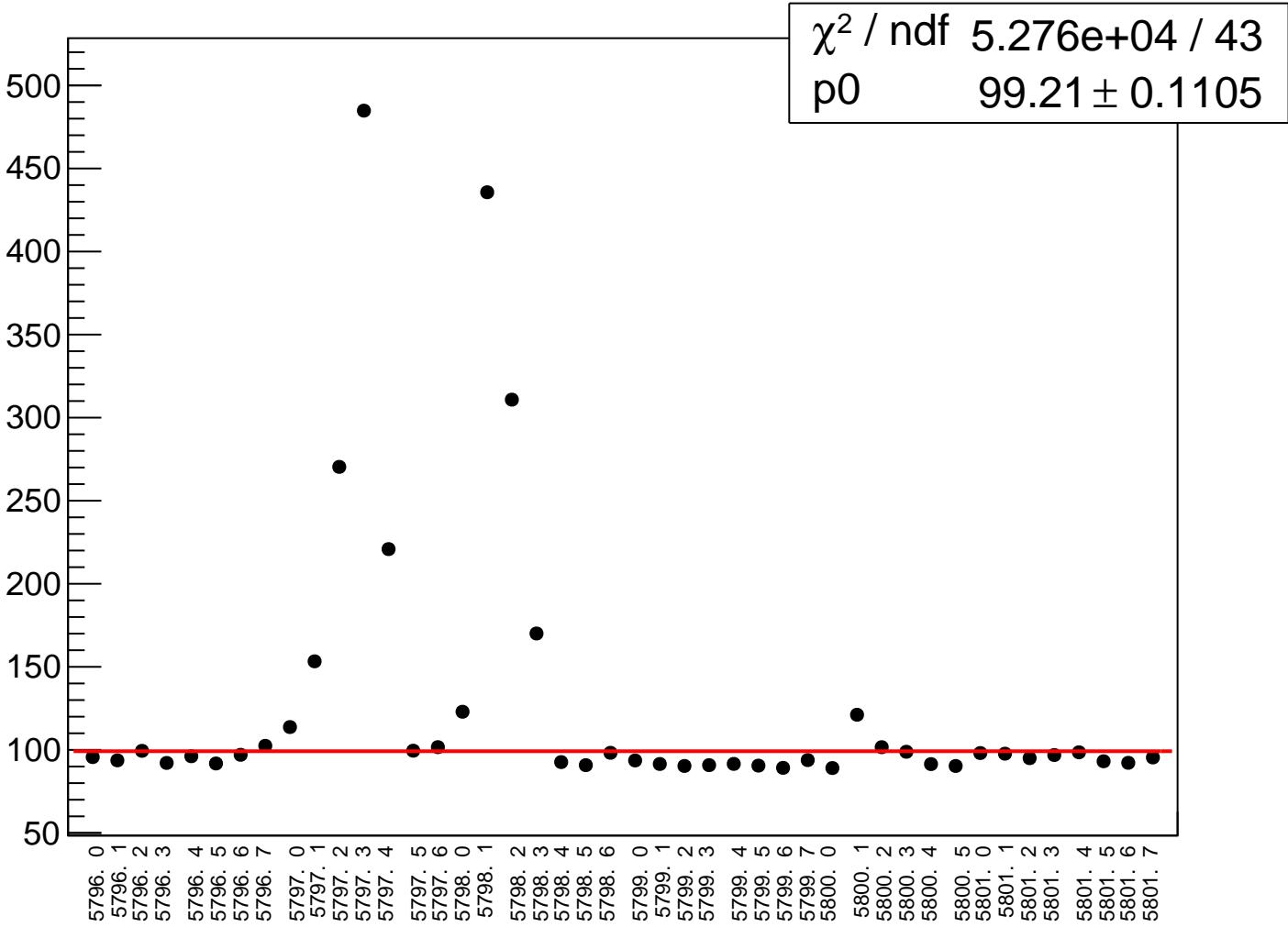
# asym\_bcm0l02\_rms vs run



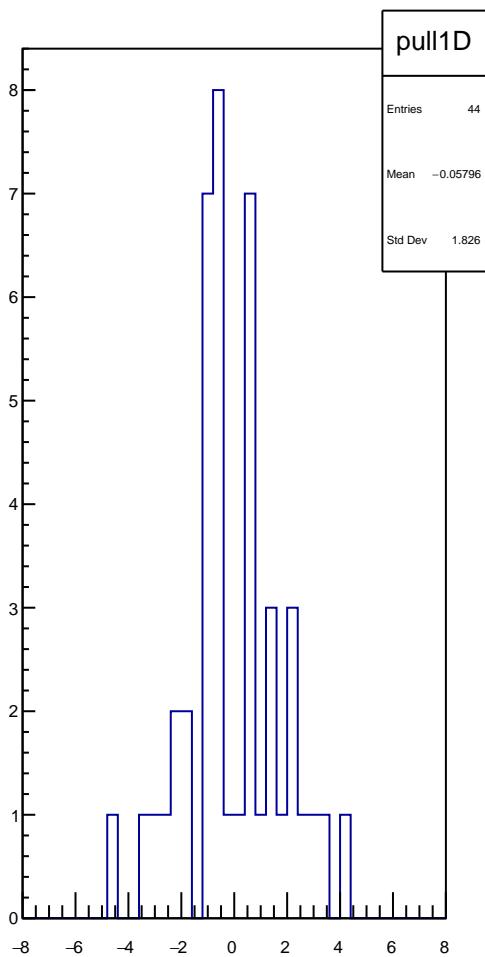
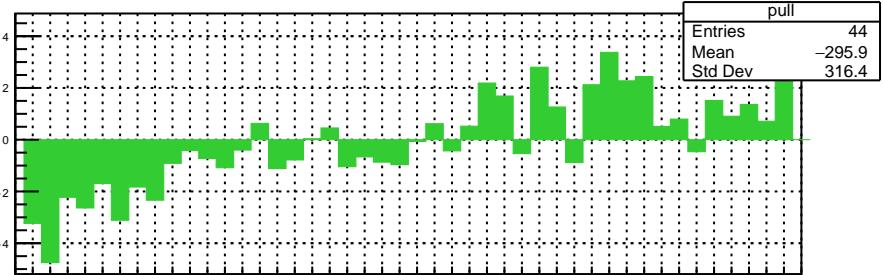
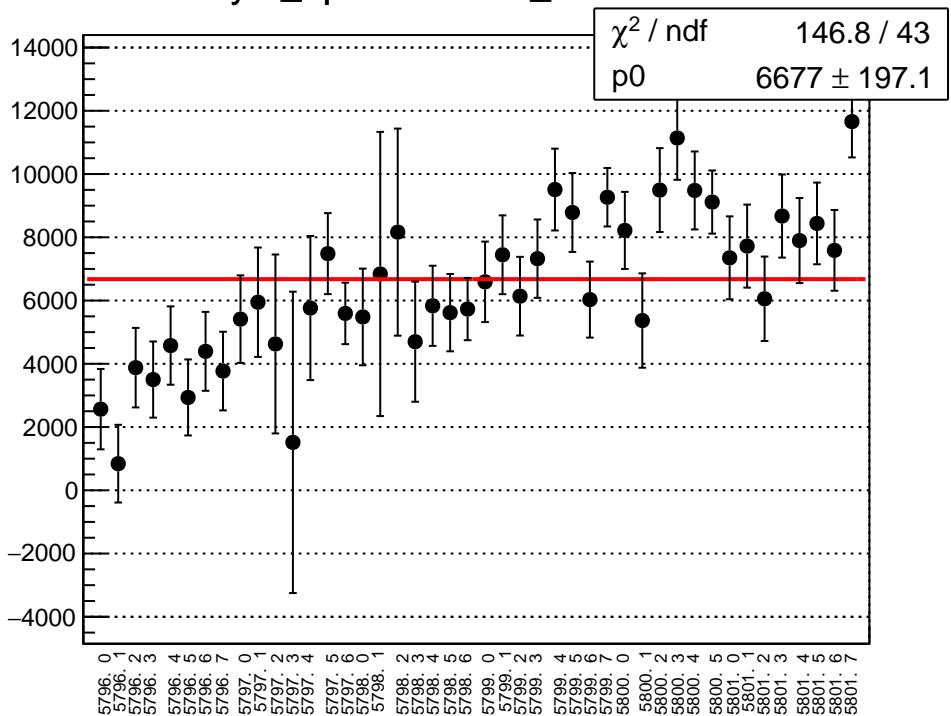
# asym\_bpm0i02WS\_mean vs run



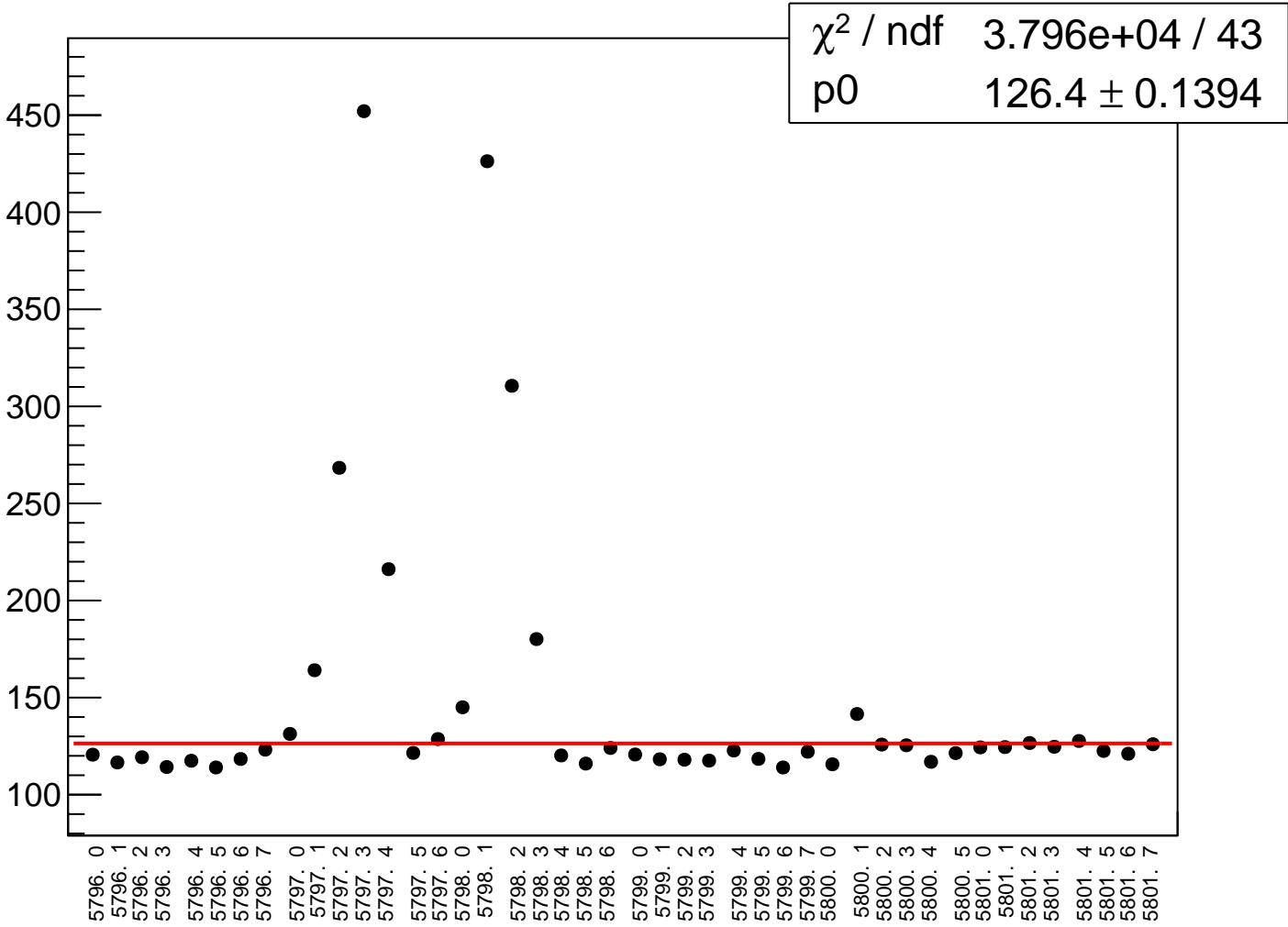
# asym\_bpm0i02WS\_rms vs run



# asym\_bpm0i02aWS\_mean vs run

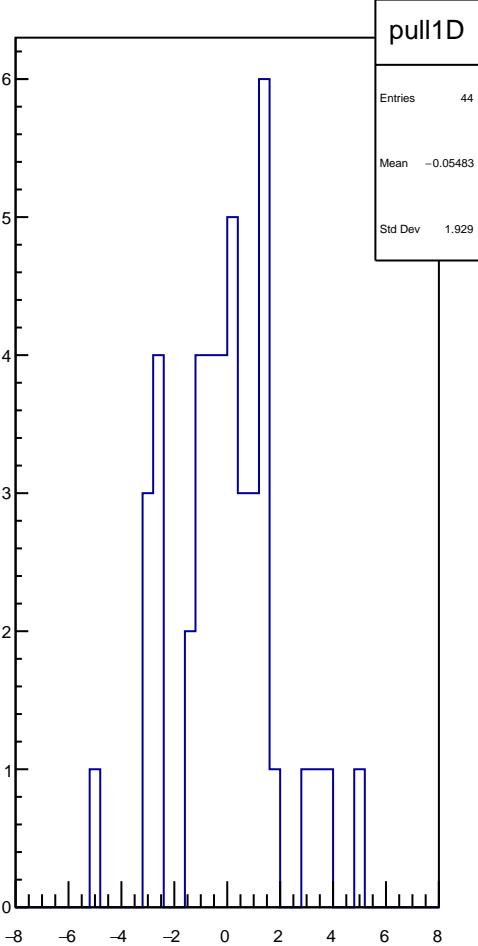
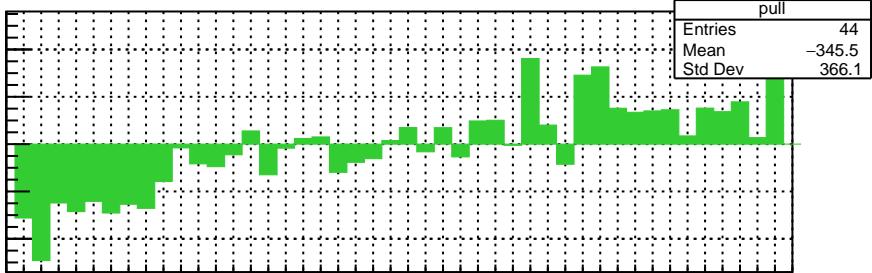
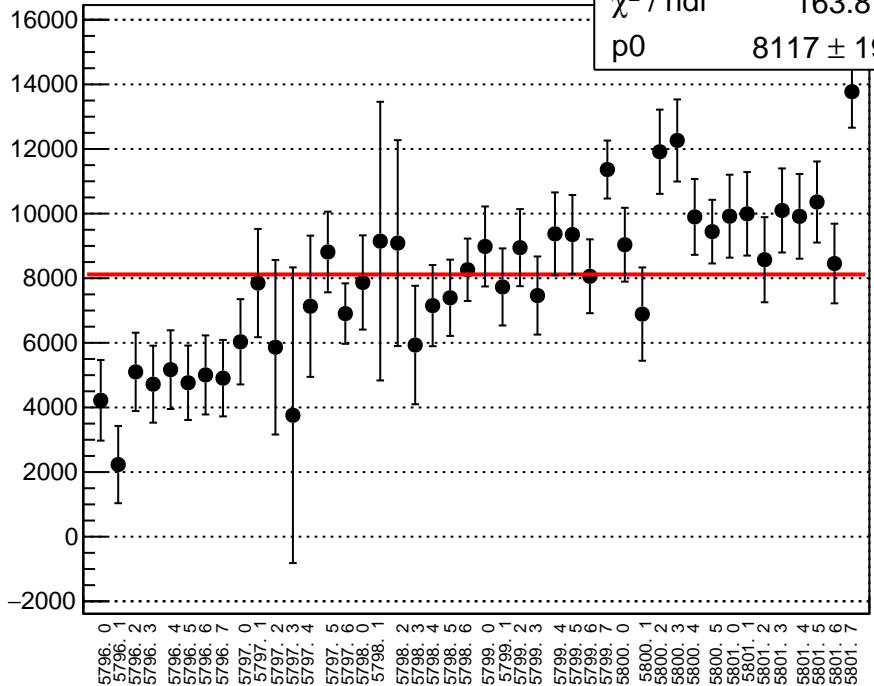


# asym\_bpm0i02aWS\_rms vs run

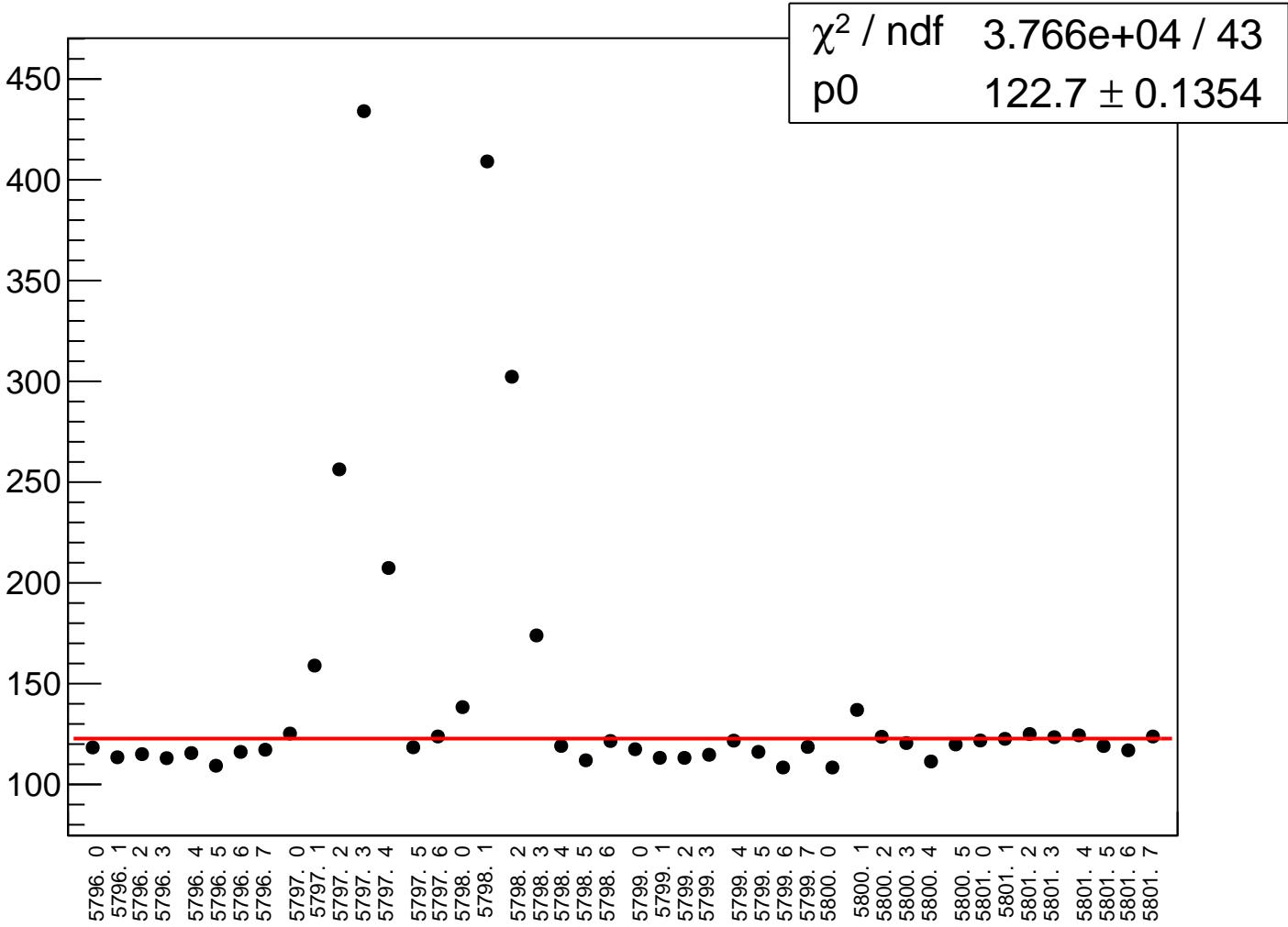


# asym\_bpm0i05WS\_mean vs run

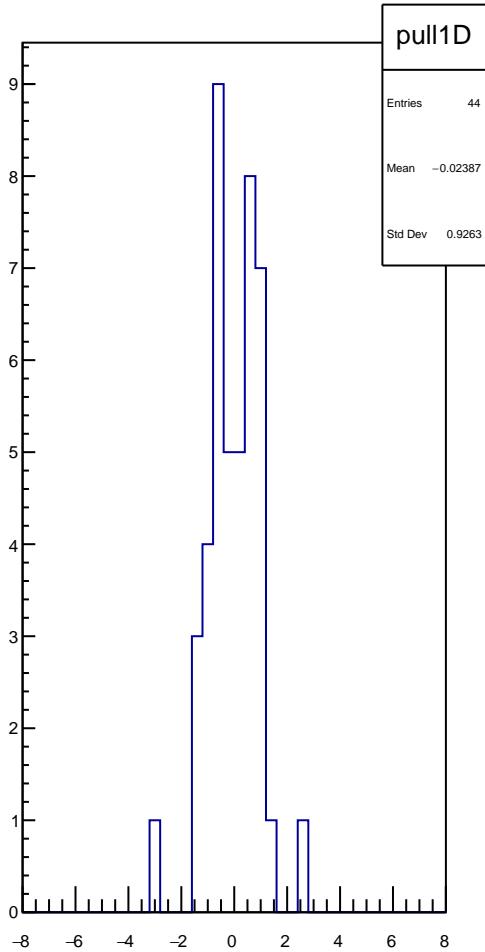
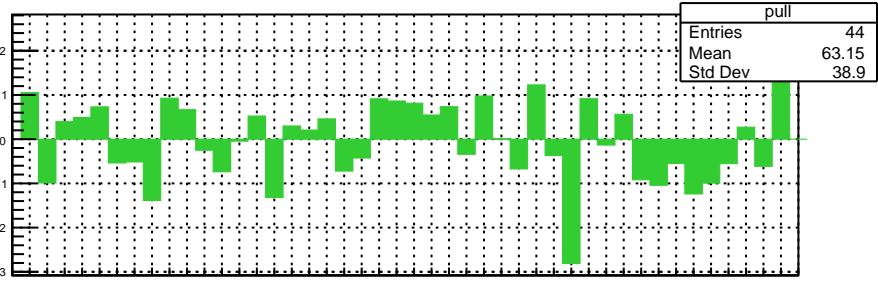
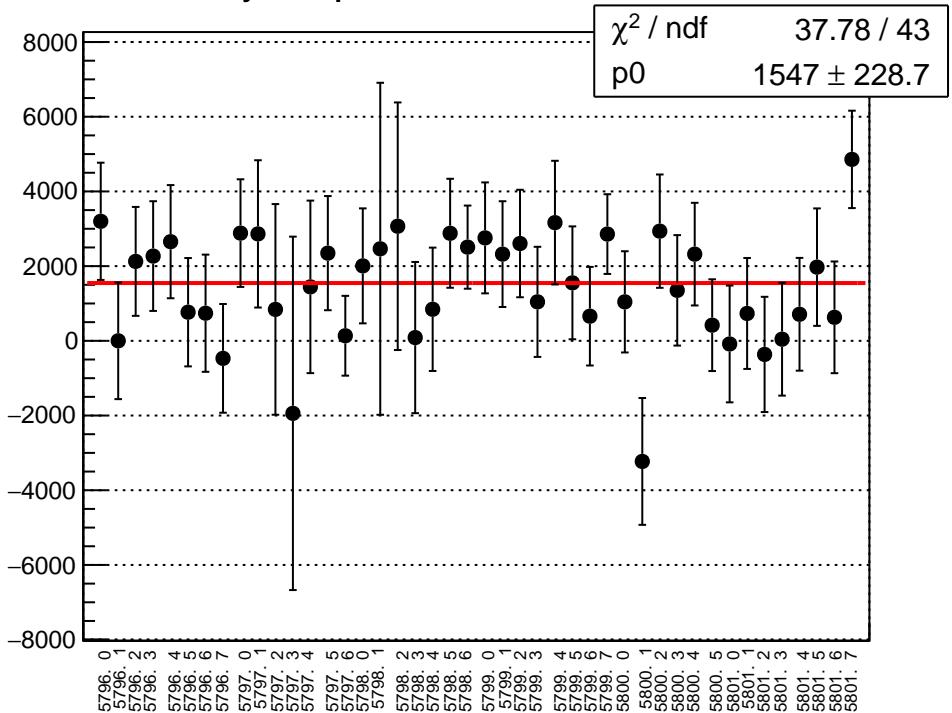
$\chi^2 / \text{ndf}$  163.8 / 43  
 $p_0$   $8117 \pm 191.5$



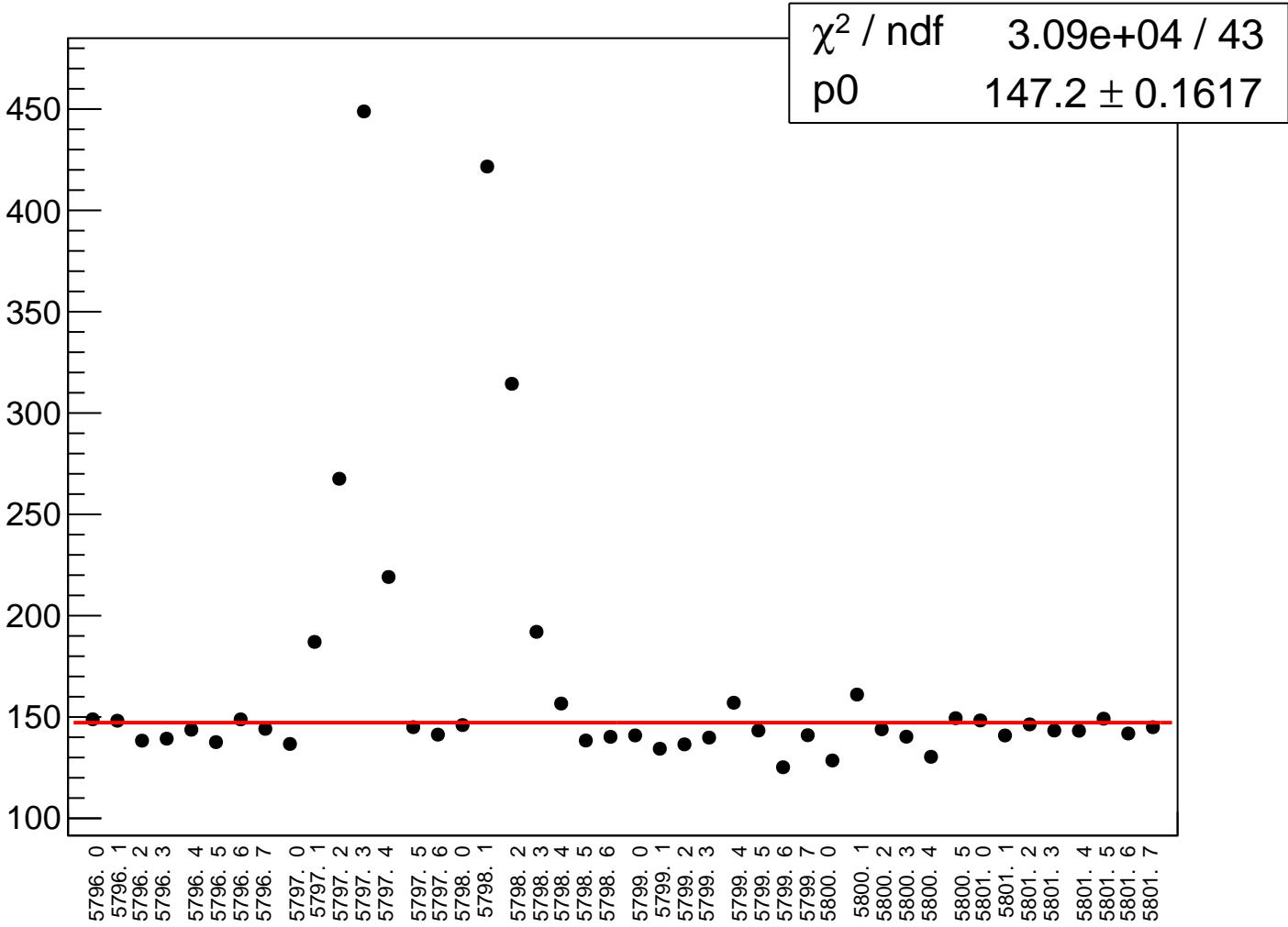
# asym\_bpm0i05WS\_rms vs run



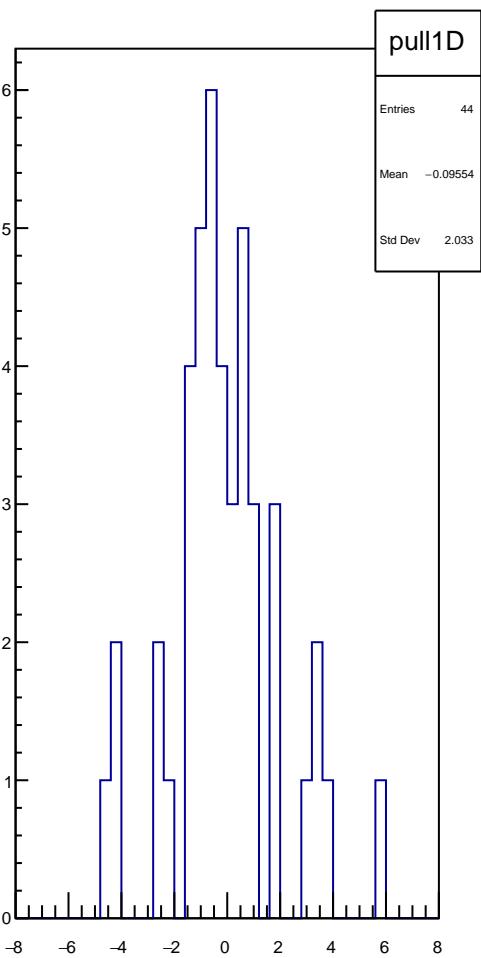
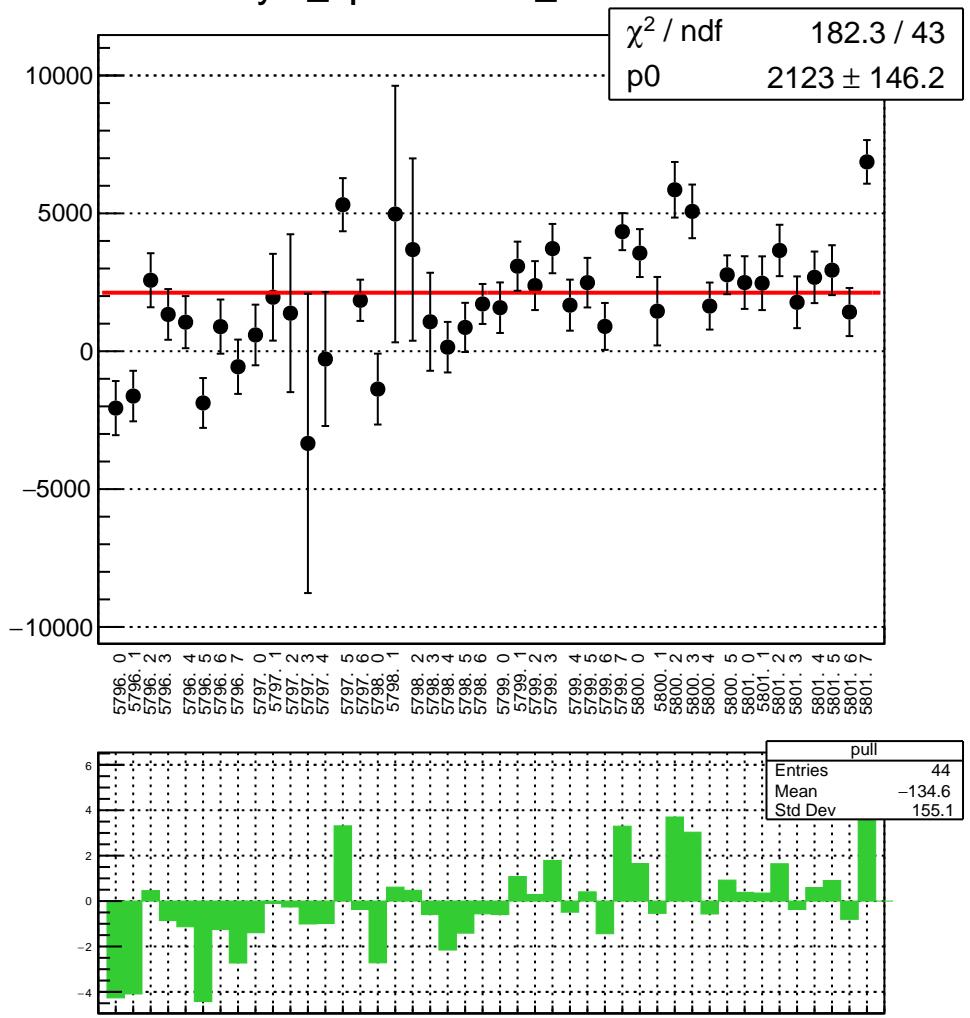
# asym\_bpm0i07WS\_mean vs run



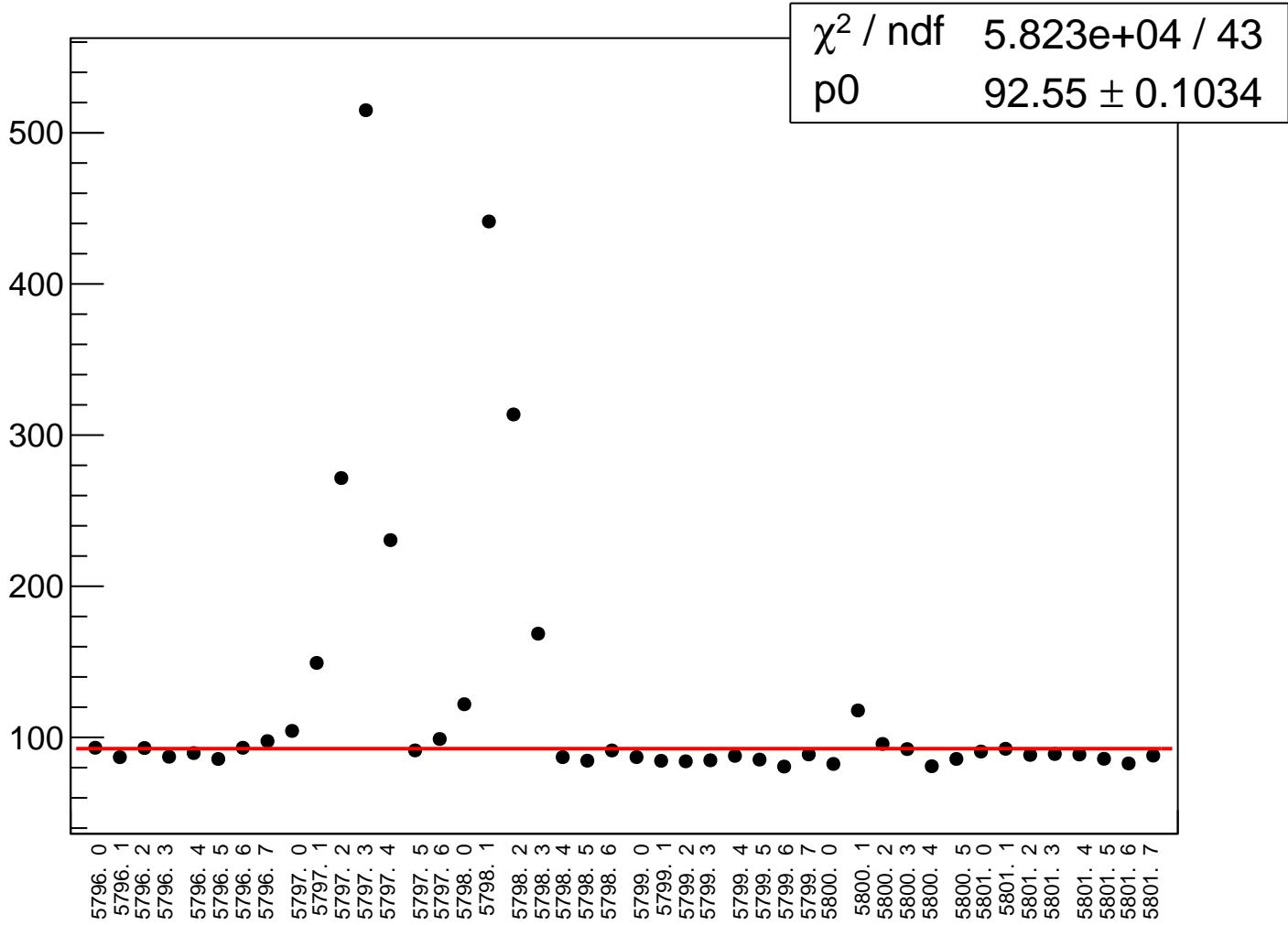
# asym\_bpm0i07WS\_rms vs run



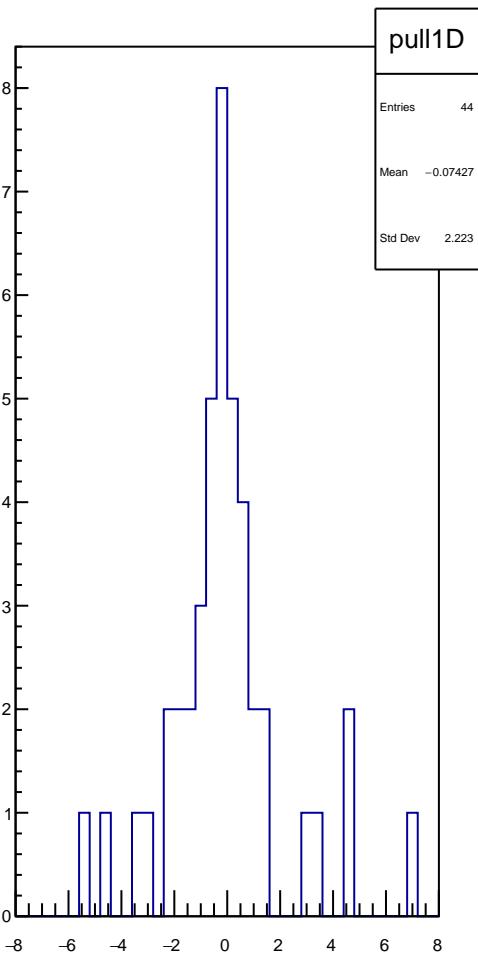
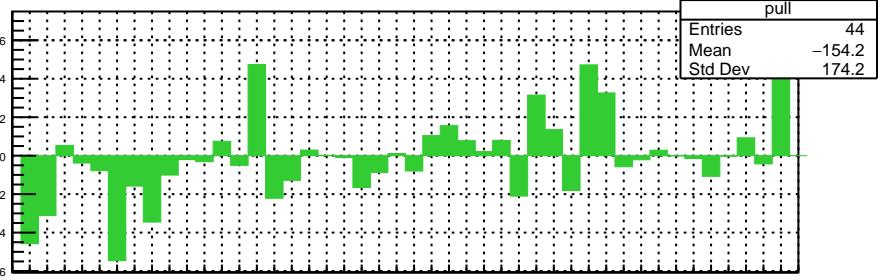
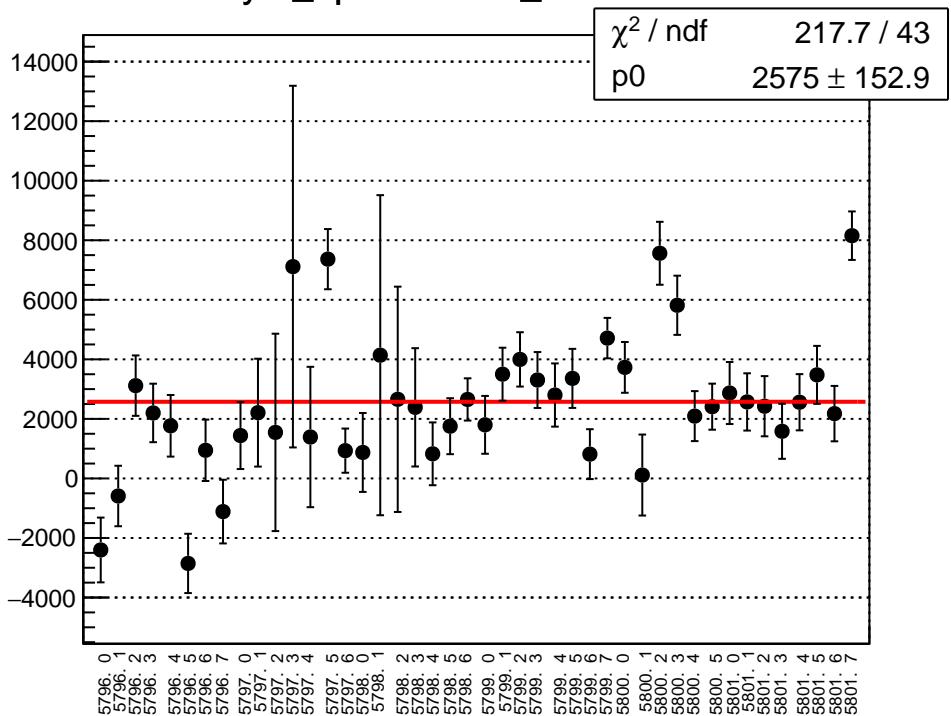
# asym\_bpm1i02WS\_mean vs run



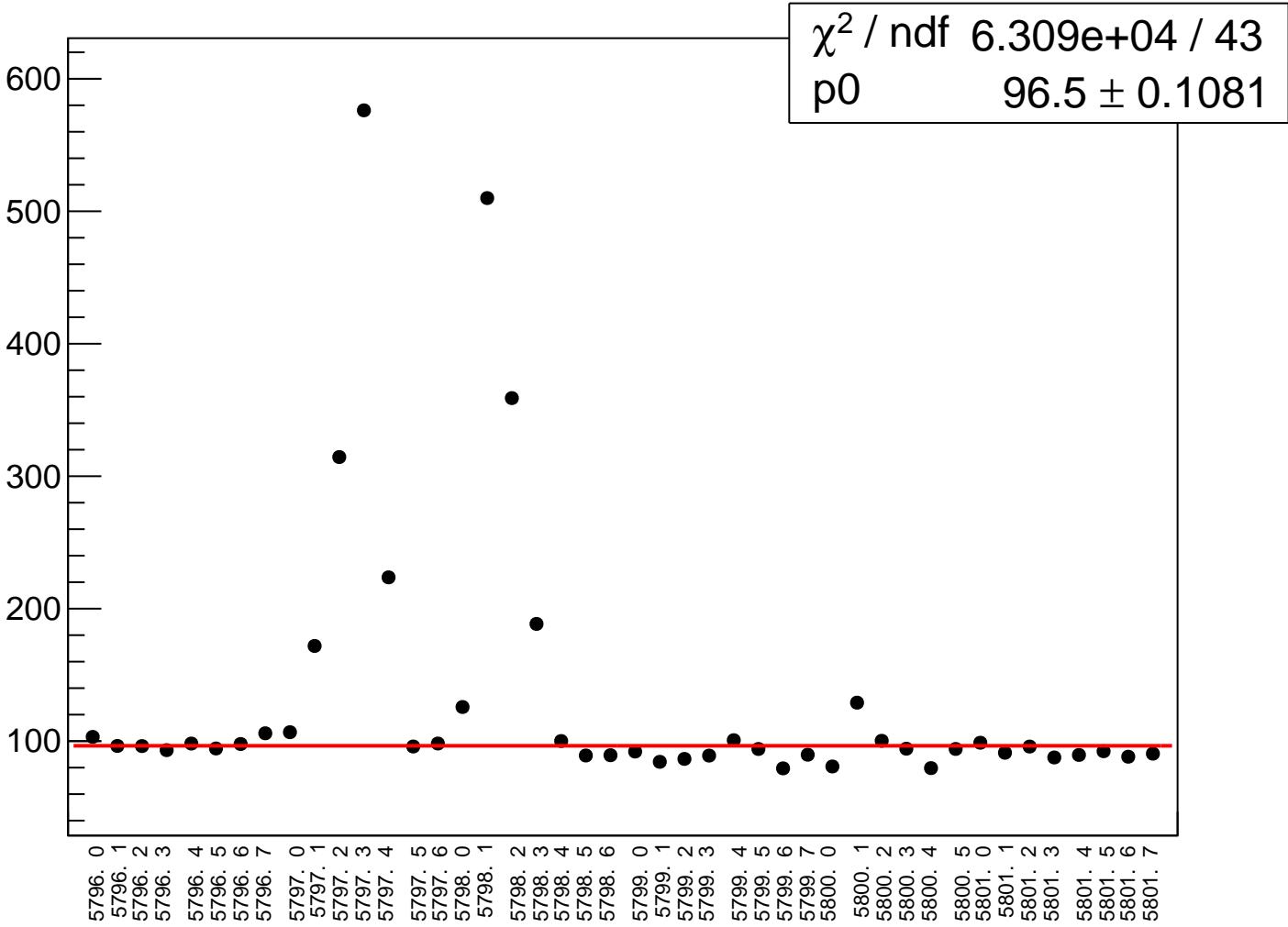
# asym\_bpm1i02WS\_rms vs run



# asym\_bpm2i01WS\_mean vs run



# asym\_bpm2i01WS\_rms vs run



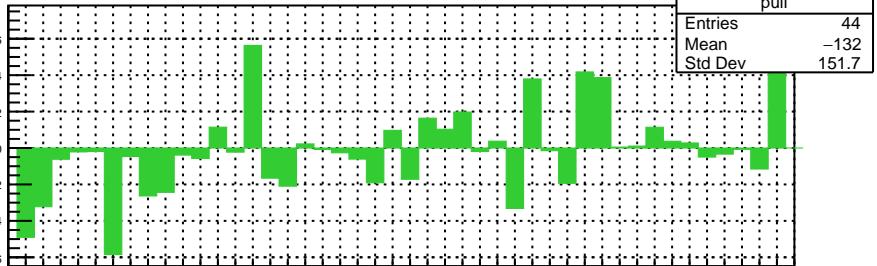
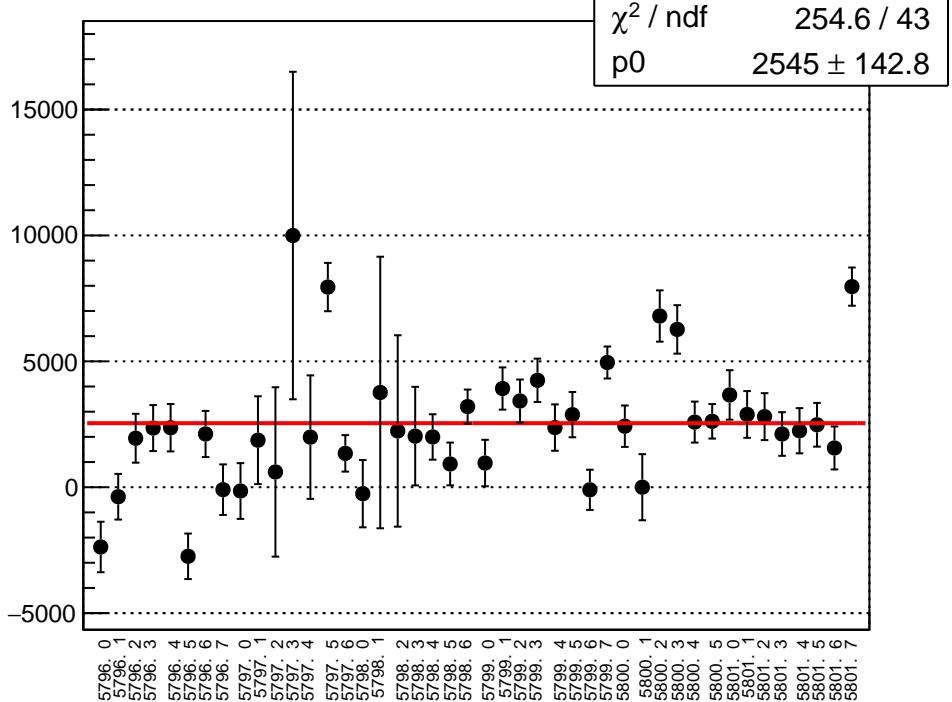
# asym\_bpm2i02WS\_mean vs run

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

254.6 / 43

p0

$2545 \pm 142.8$

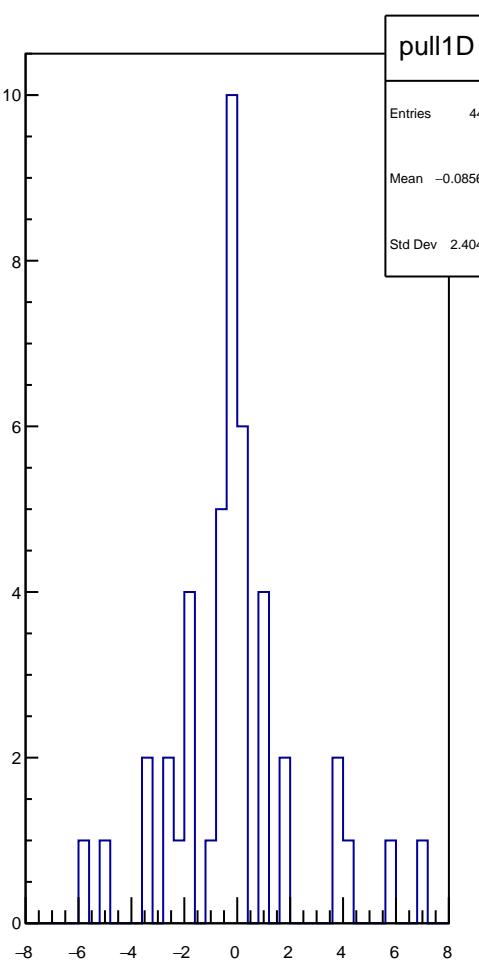


pull1D

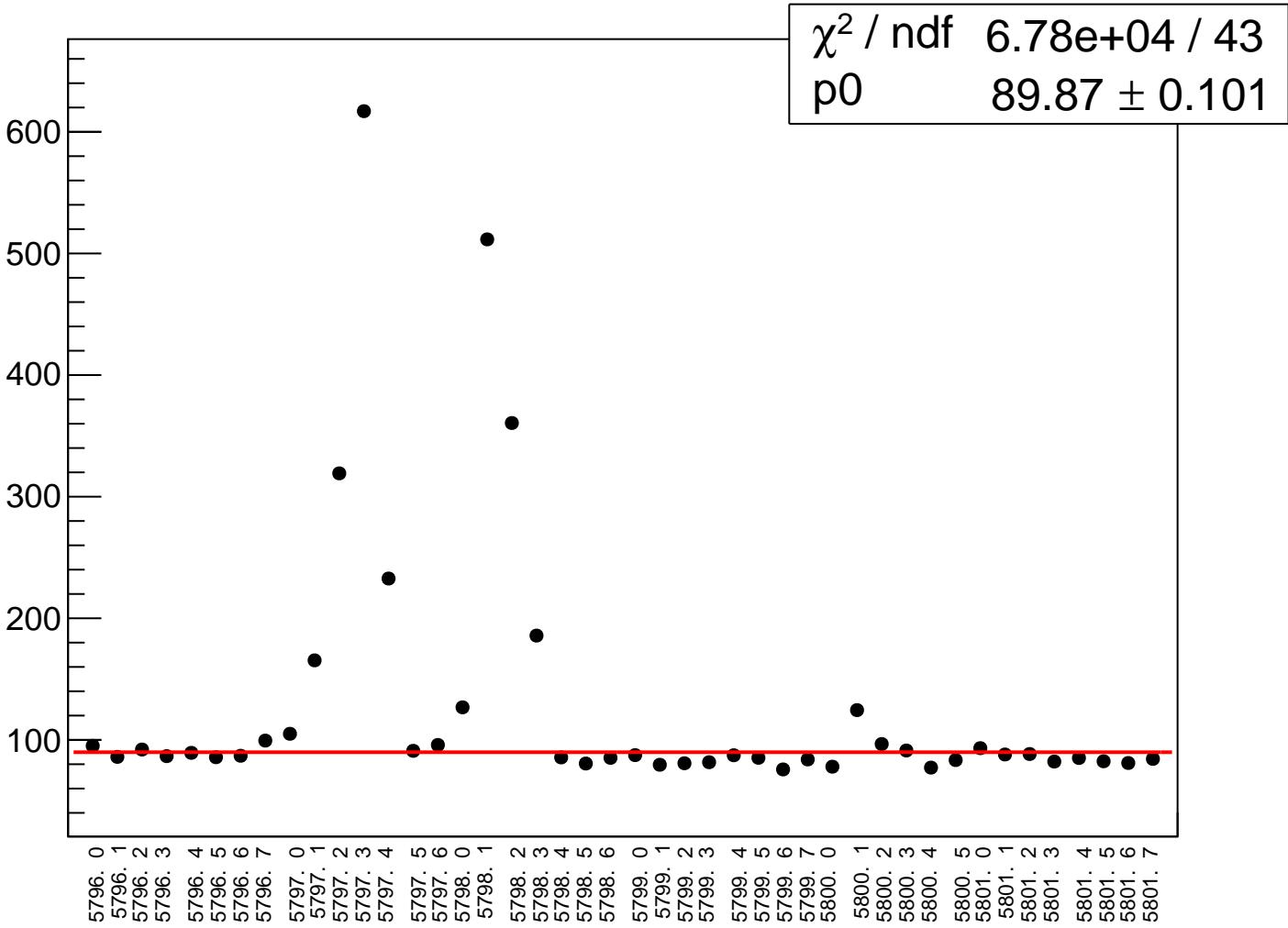
Entries 44

Mean -0.0856

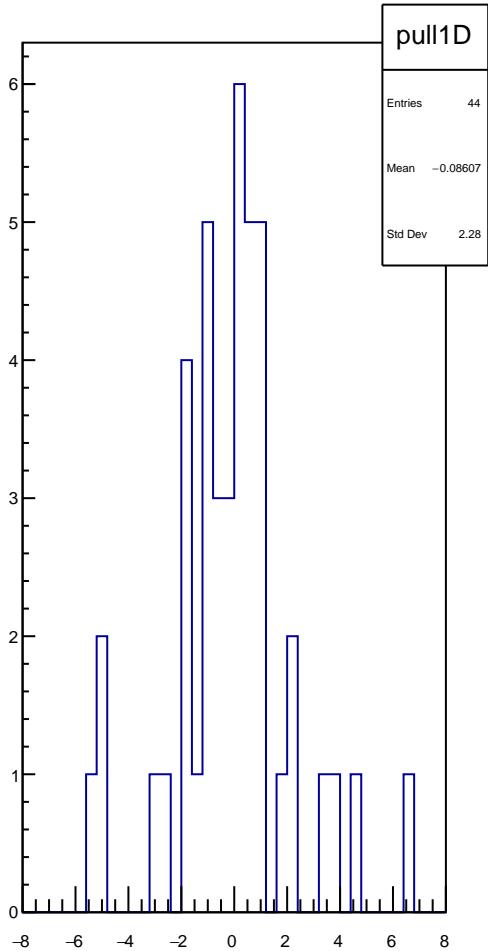
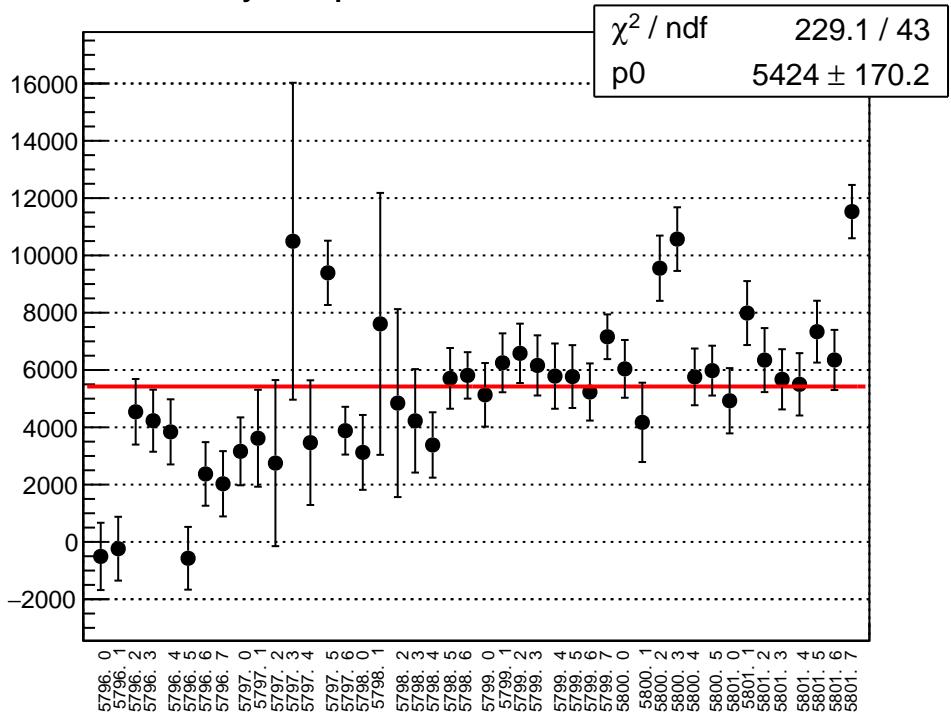
Std Dev 2.404



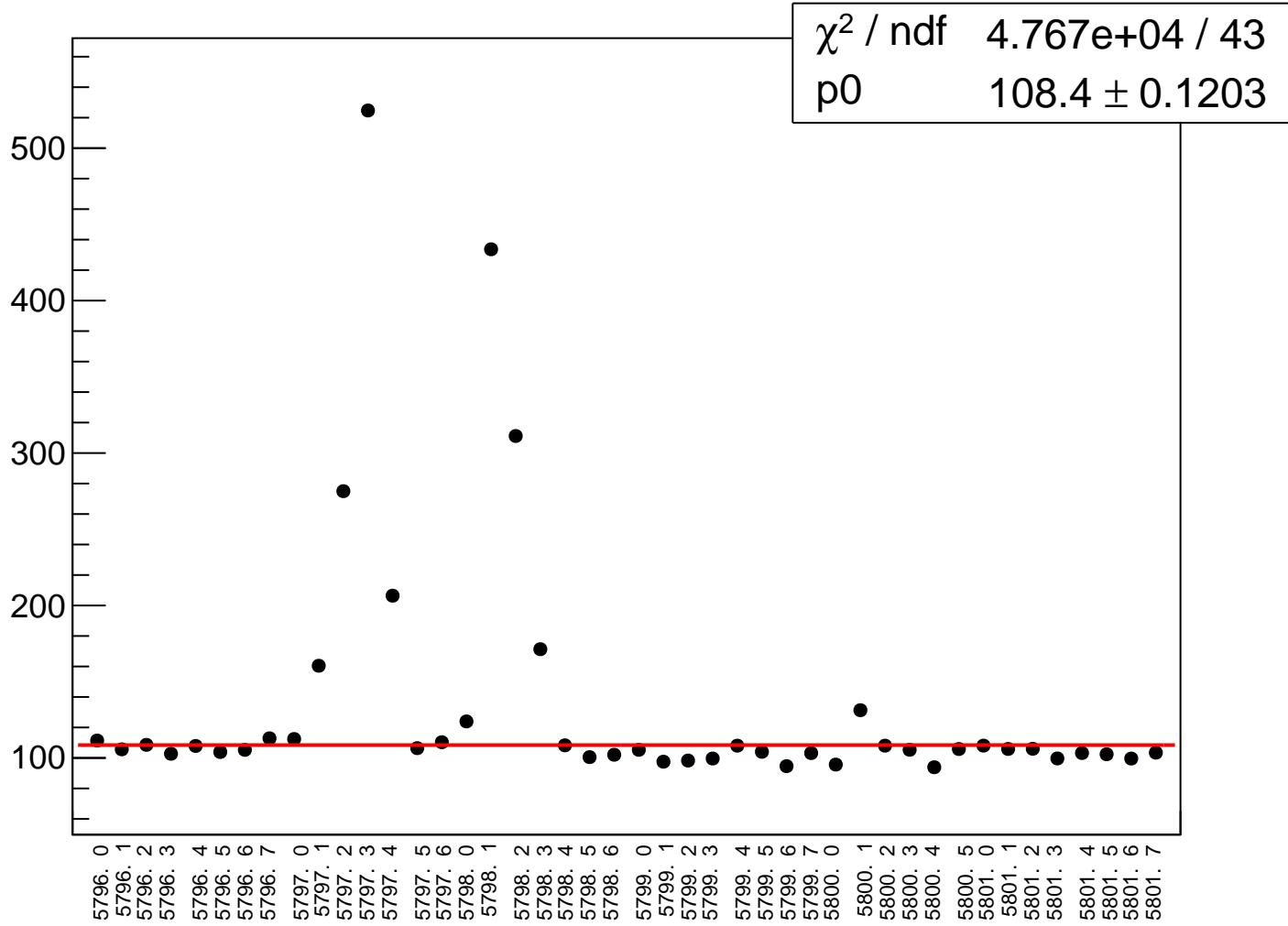
# asym\_bpm2i02WS\_rms vs run



# asym\_bpm0i01WS\_mean vs run



# asym\_bpm0i01WS\_rms vs run



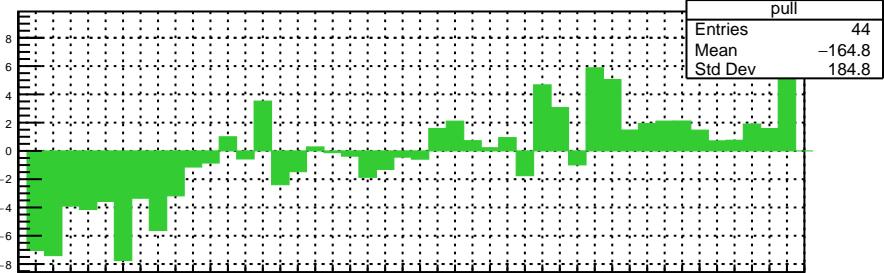
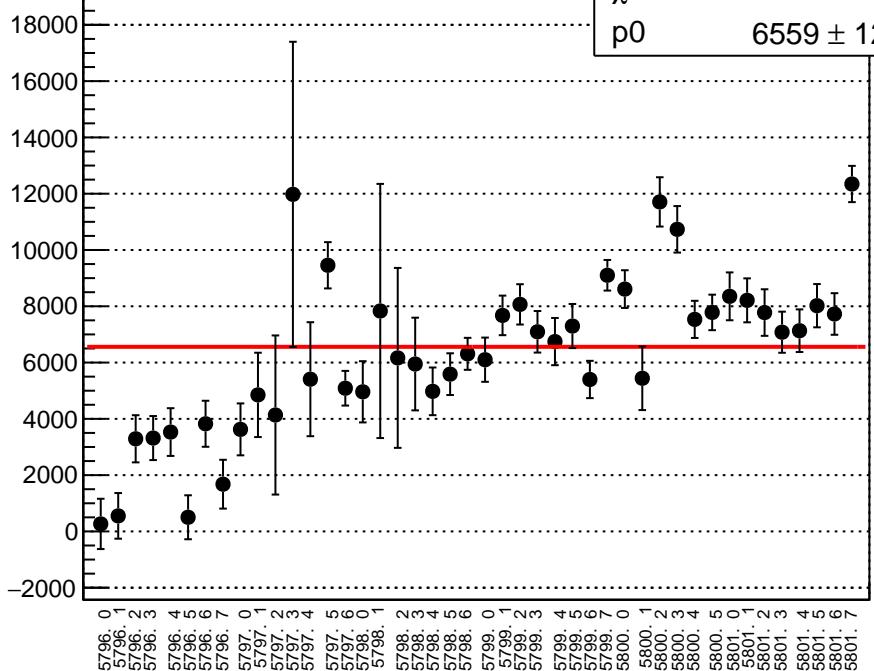
# asym\_bpm0i01aWS\_mean vs run

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

501 / 43

p0

$6559 \pm 122.8$

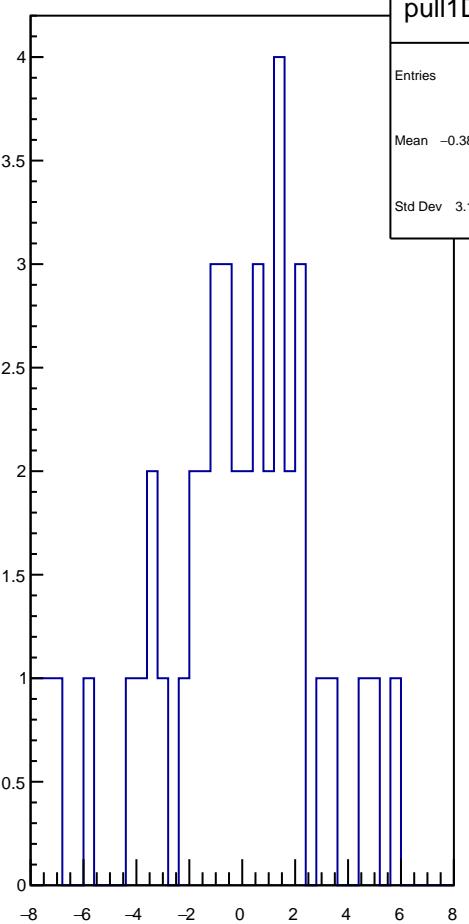


pull1D

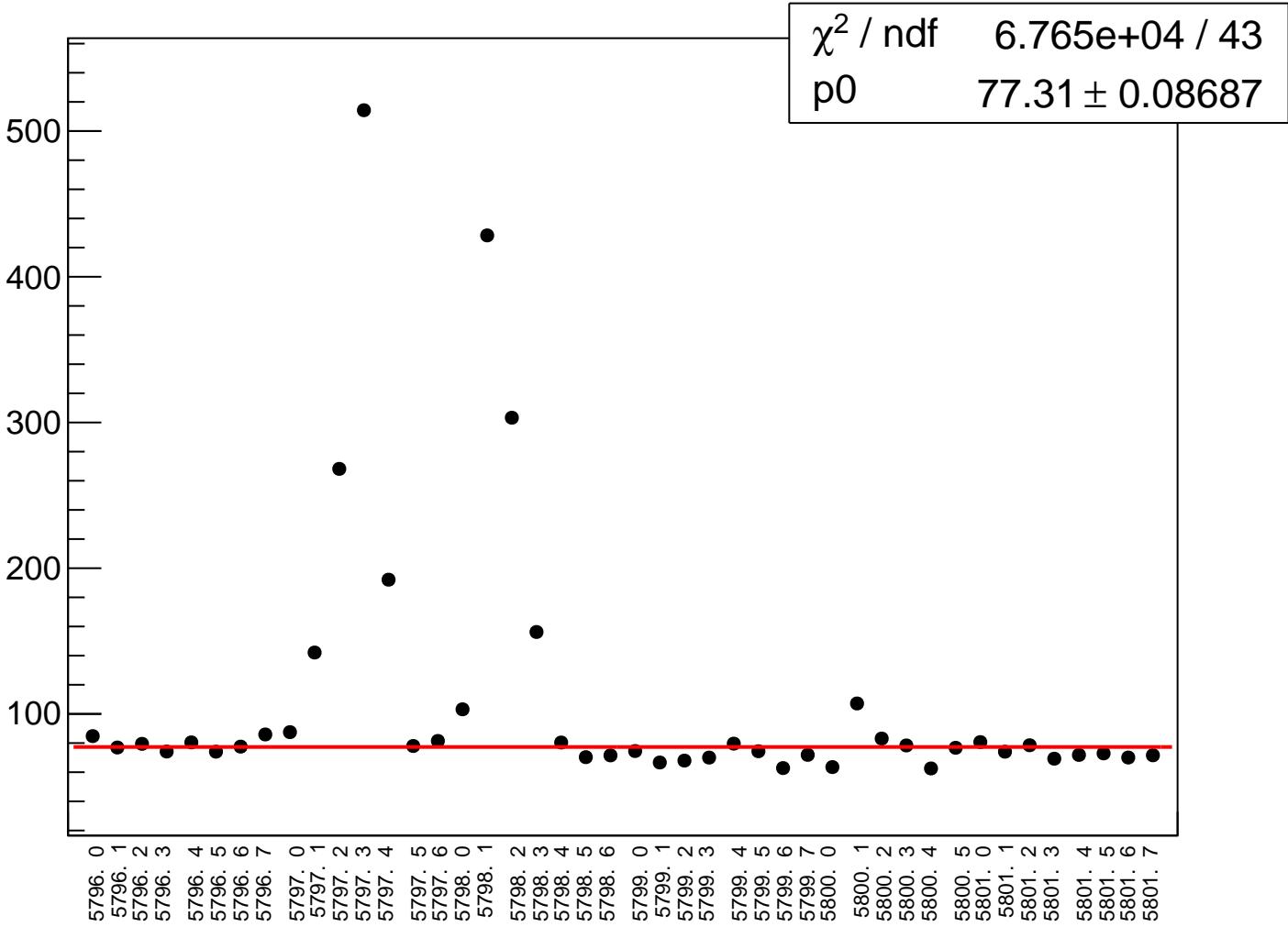
Entries 44

Mean -0.3887

Std Dev 3.102



# asym\_bpm0i01aWS\_rms vs run



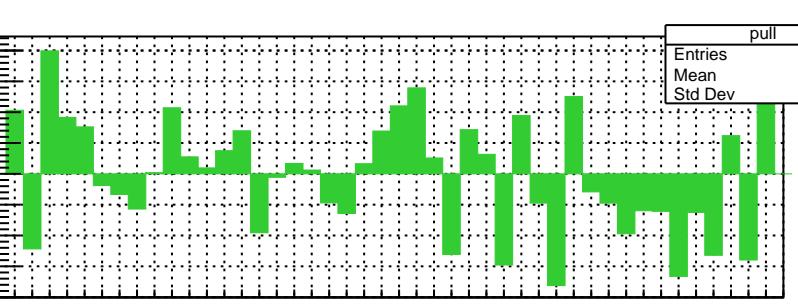
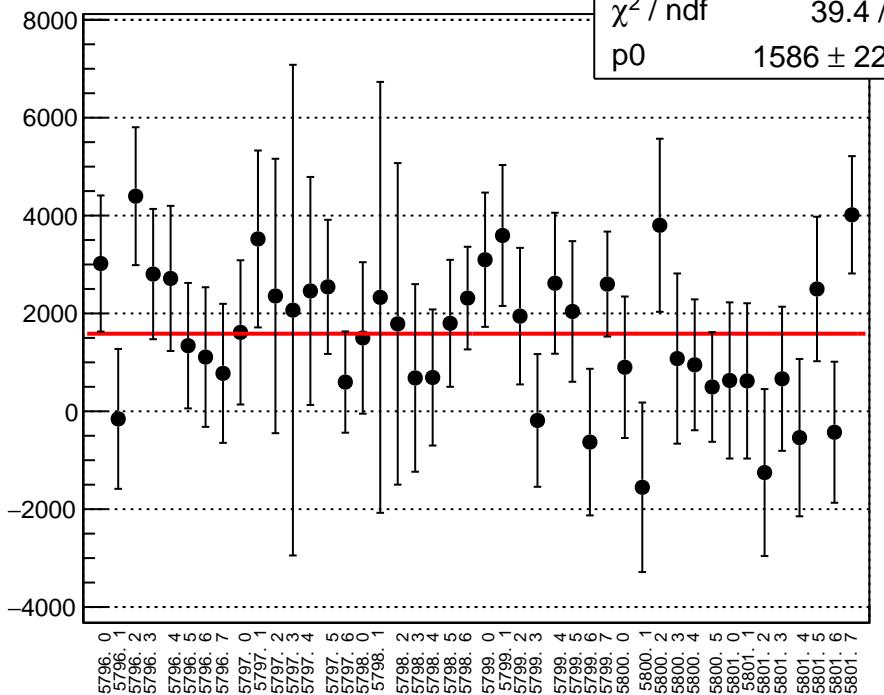
# asym\_bpm0l01WS\_mean vs run

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

39.4 / 43

p0

$1586 \pm 221.7$

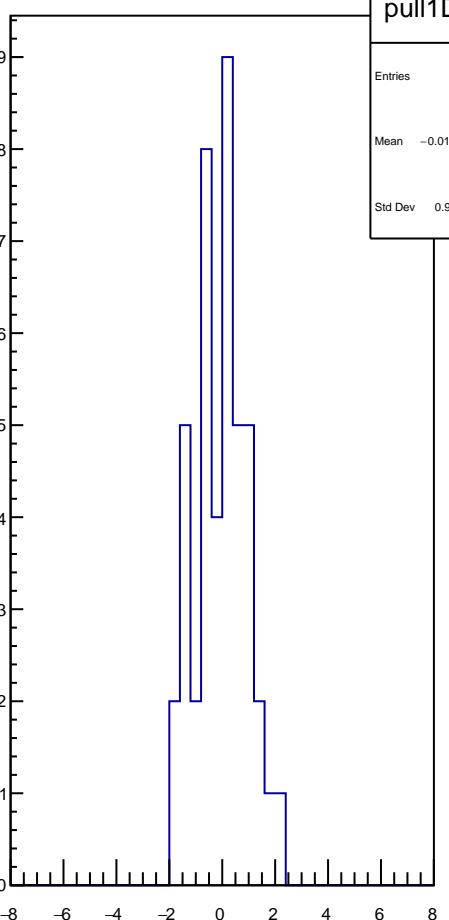


pull1D

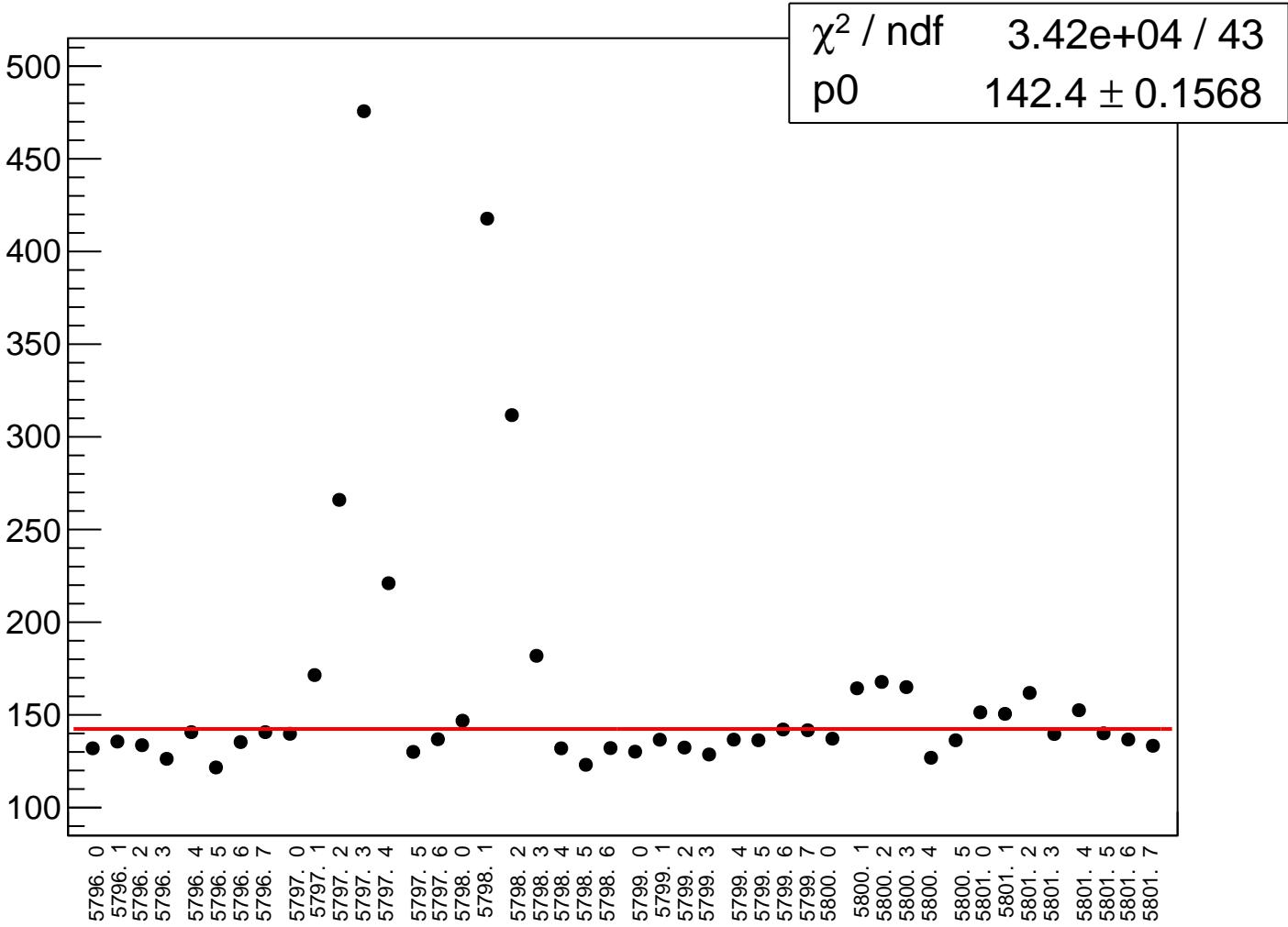
Entries 44

Mean -0.01155

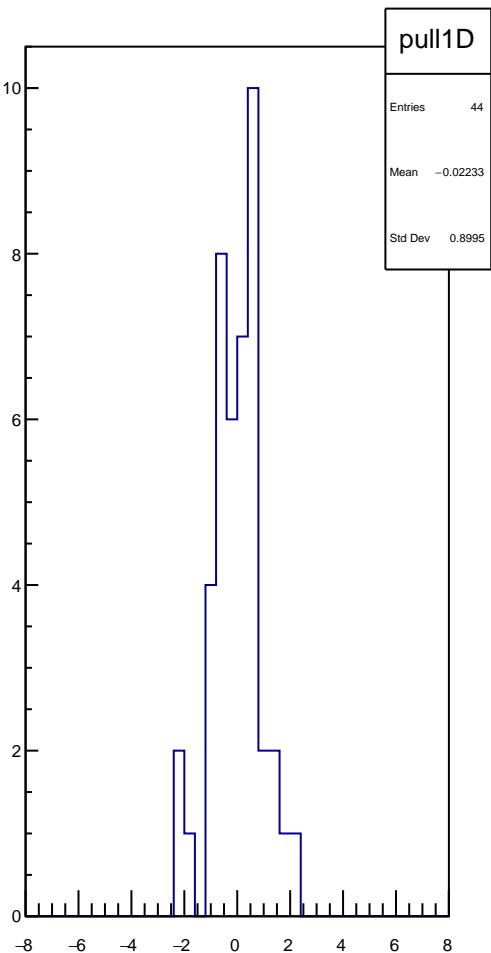
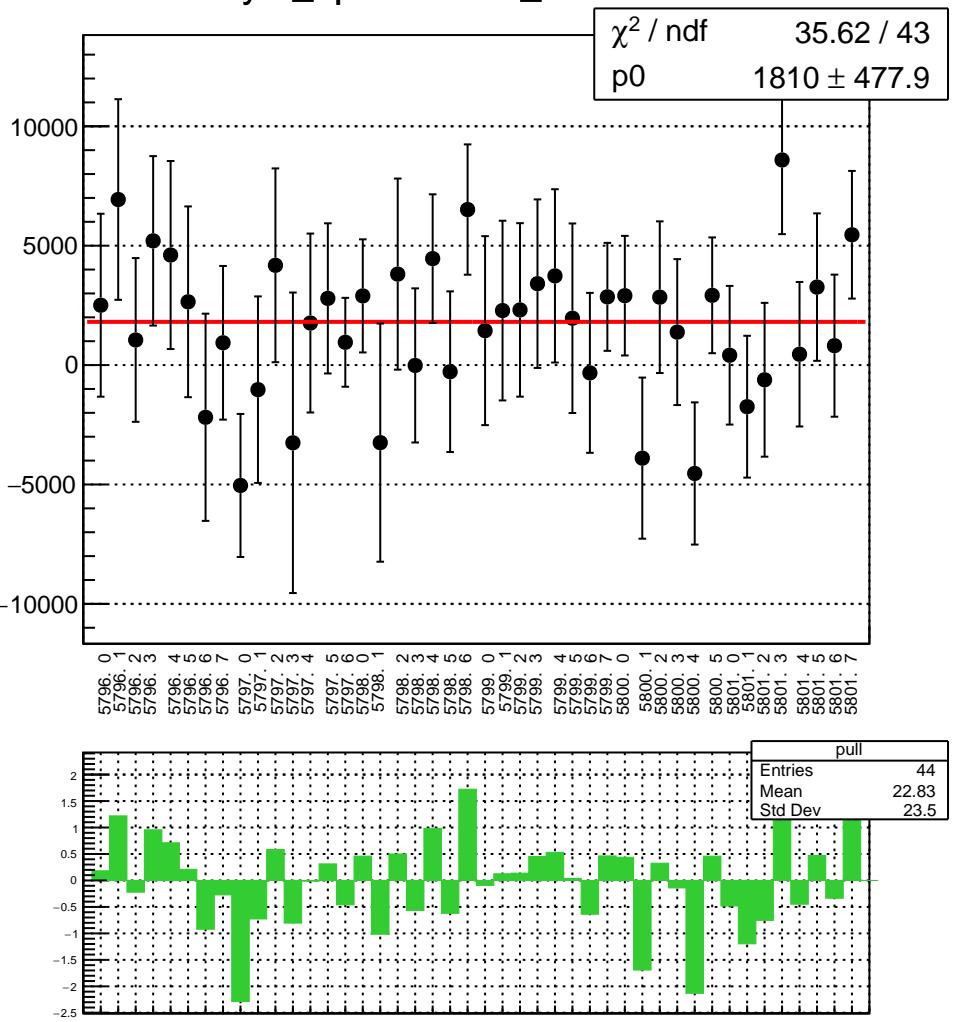
Std Dev 0.9462



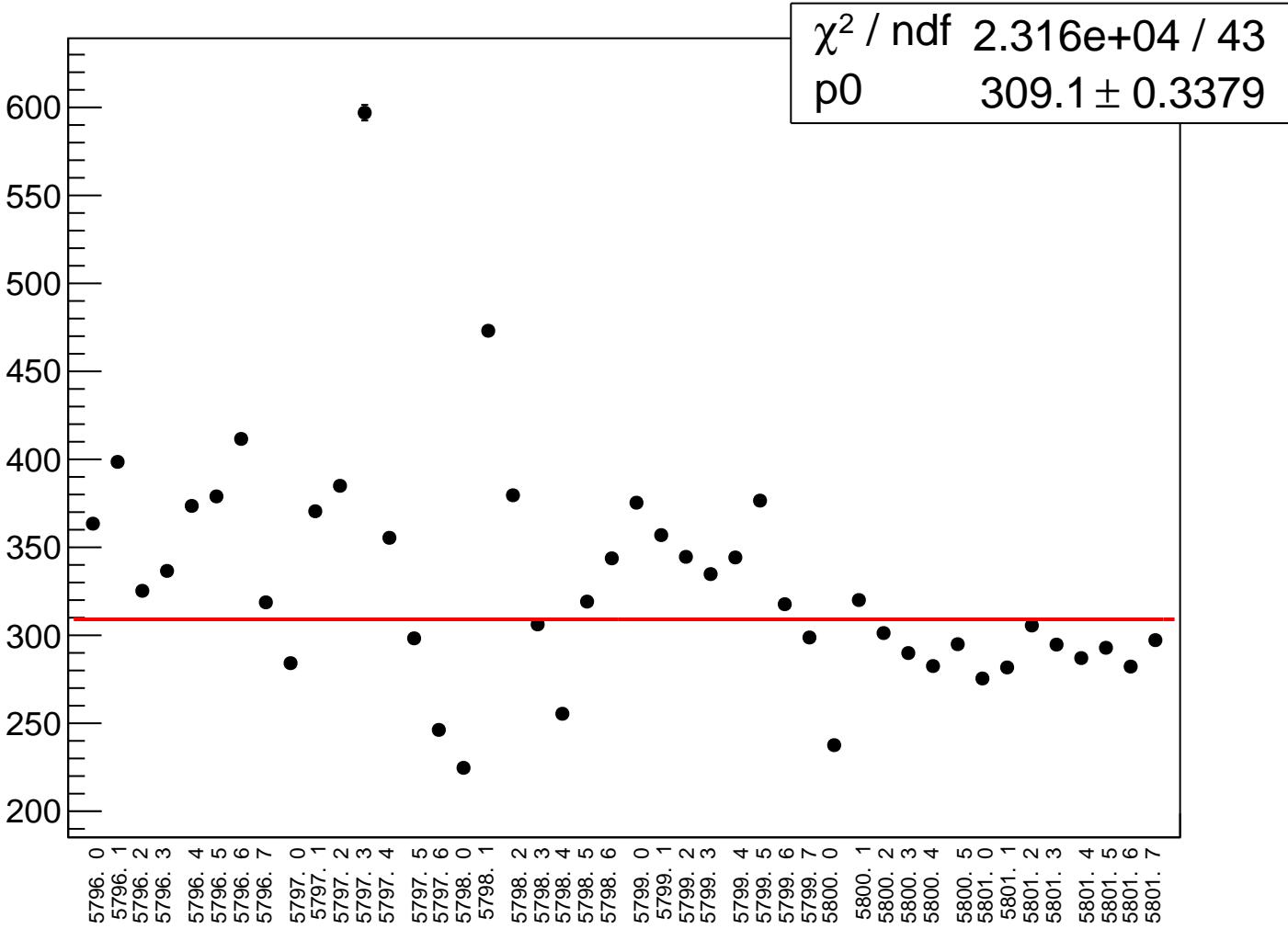
# asym\_bpm0l01WS\_rms vs run



# asym\_bpm0l02WS\_mean vs run

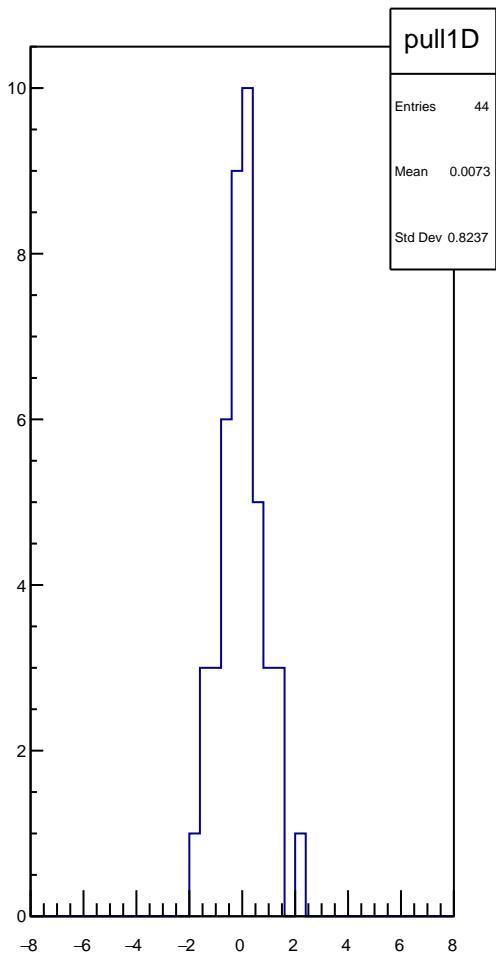
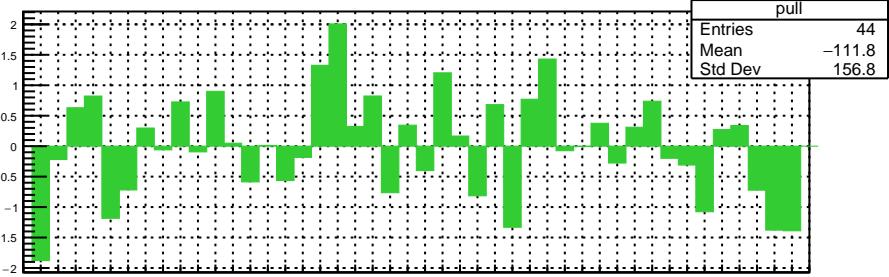
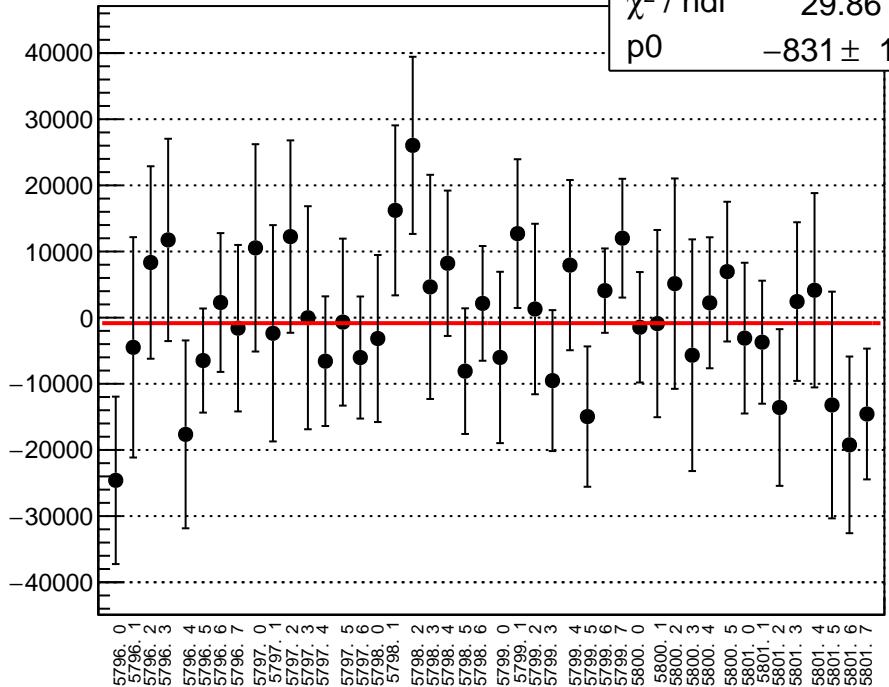


# asym\_bpm0l02WS\_rms vs run

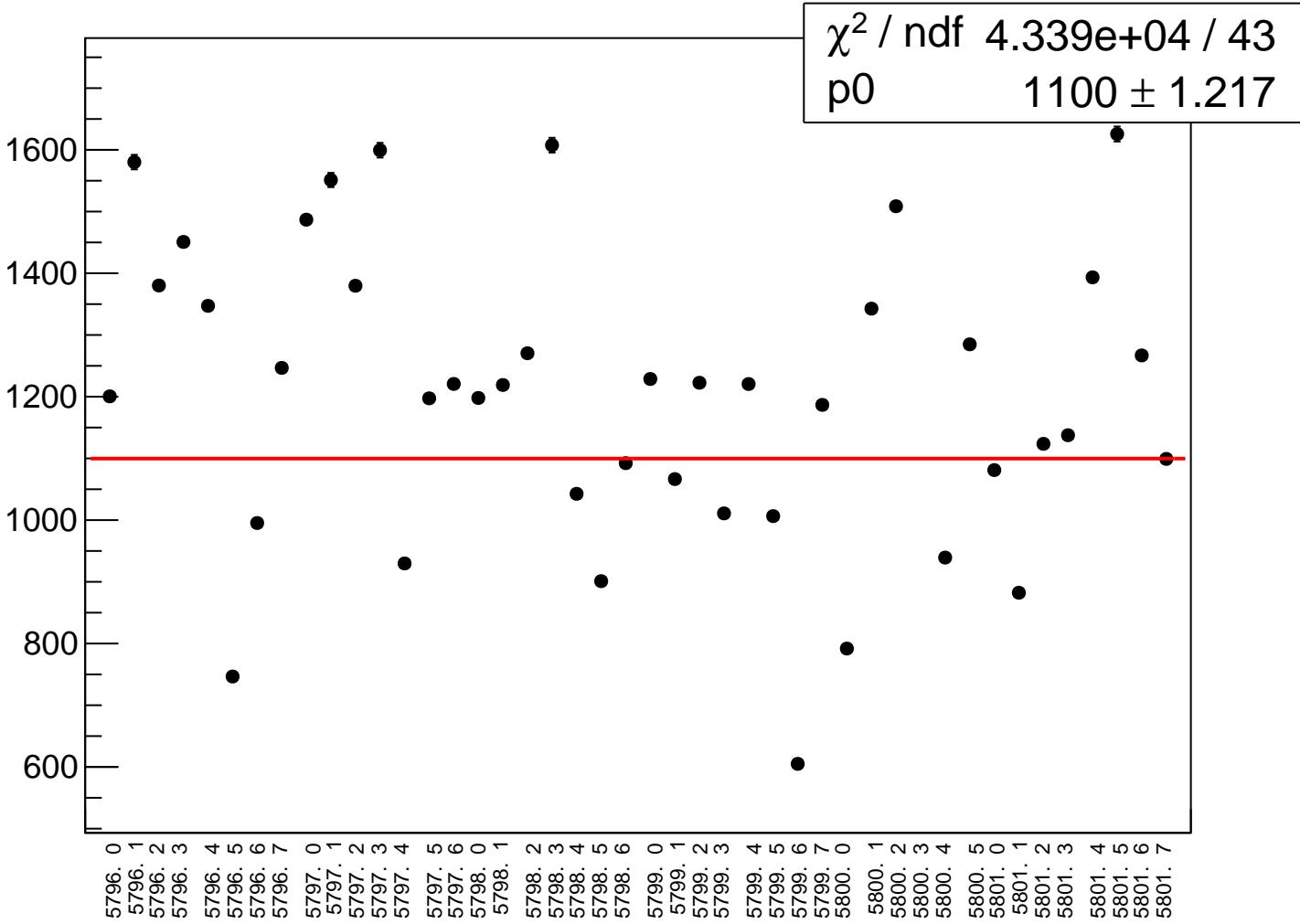


# asym\_bpm0l03WS\_mean vs run

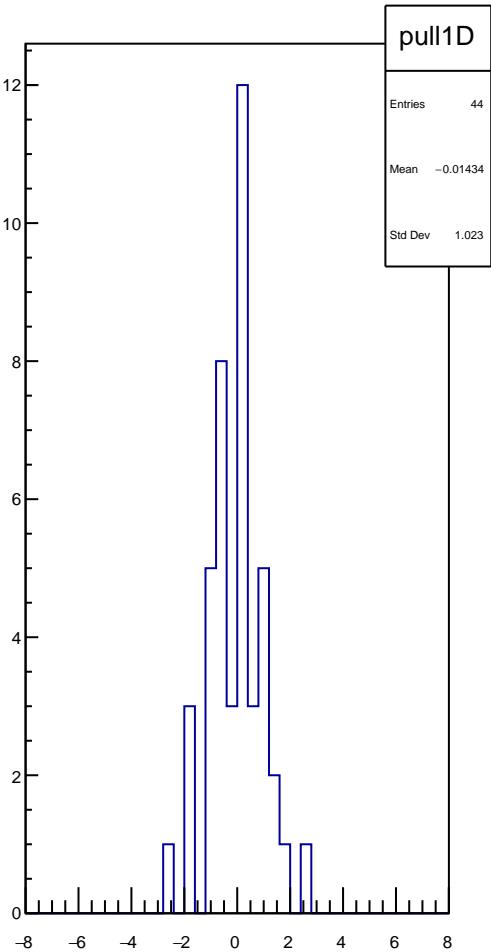
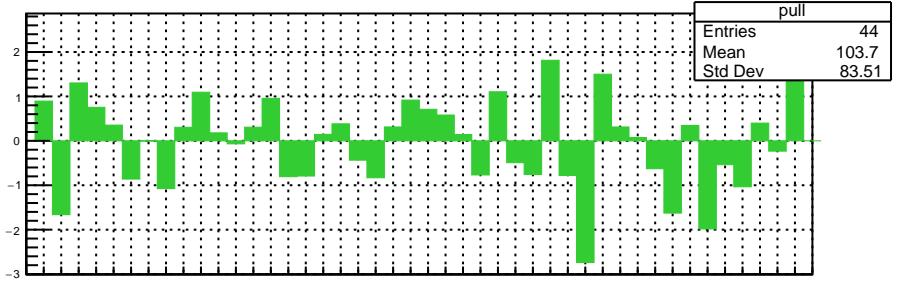
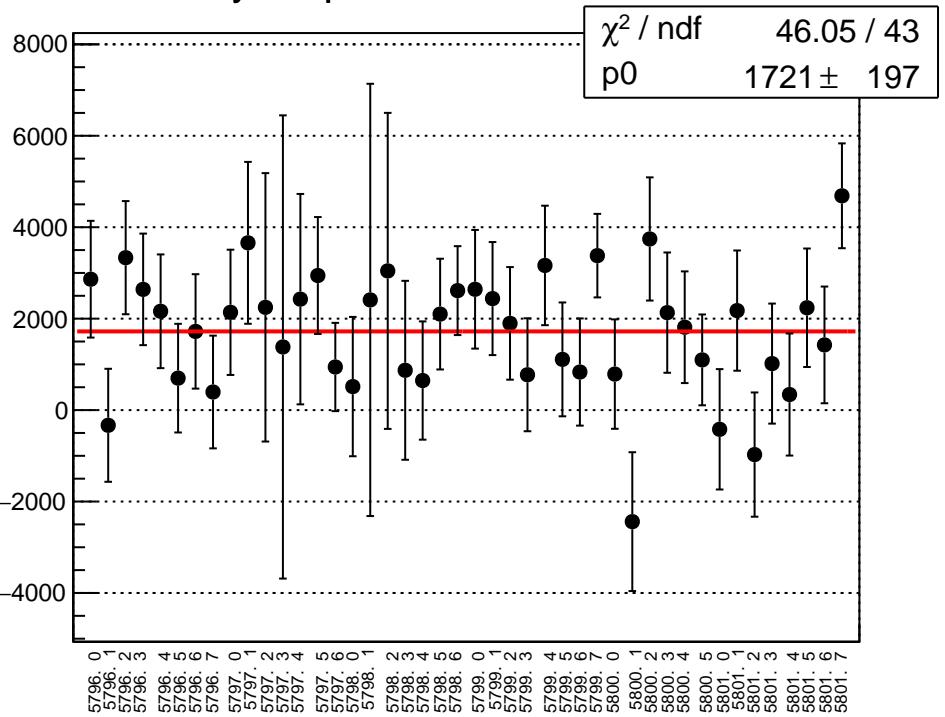
$\chi^2 / \text{ndf}$  29.86 / 43  
 $p0$   $-831 \pm 1721$



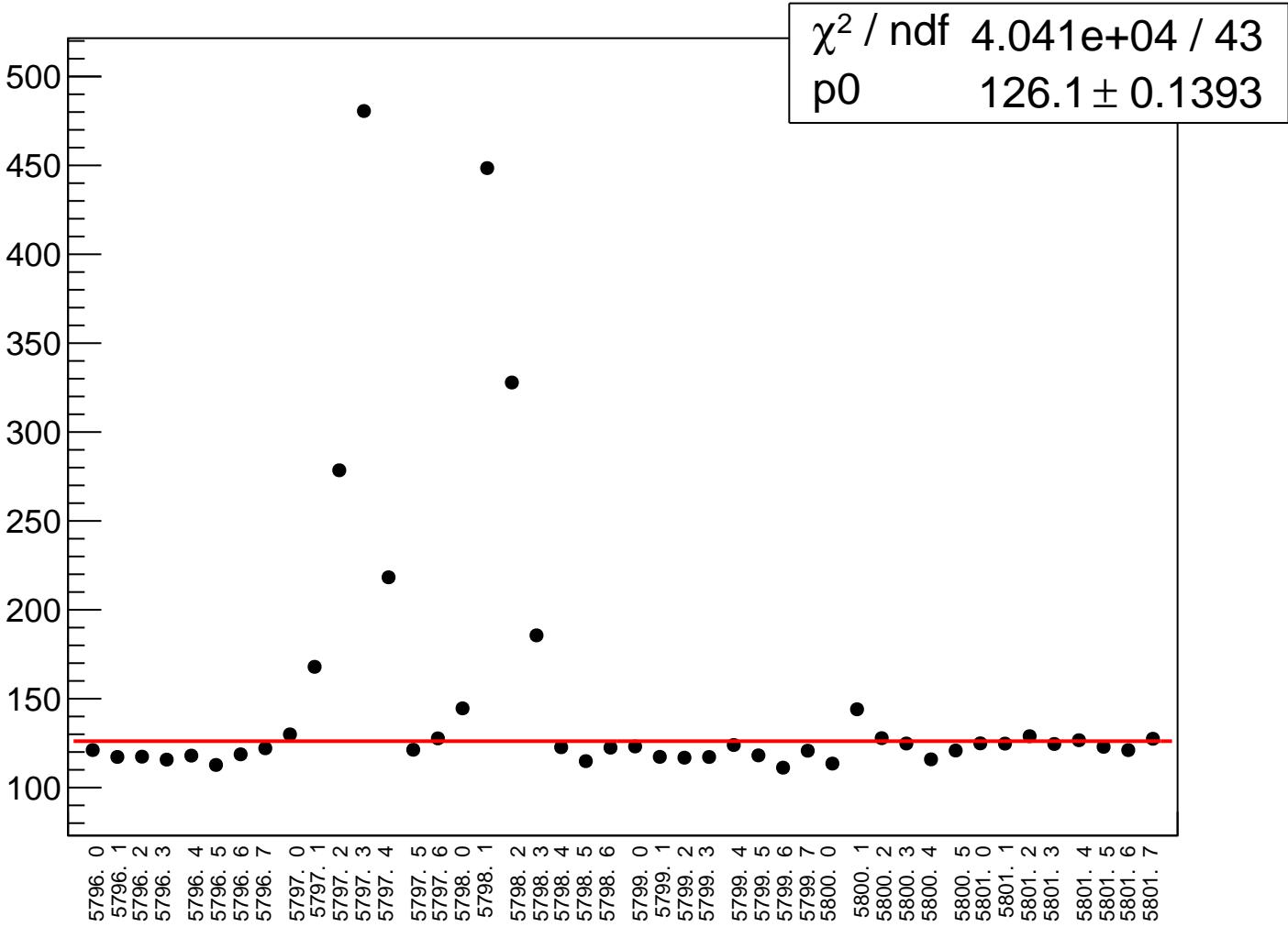
# asym\_bpm0l03WS\_rms vs run



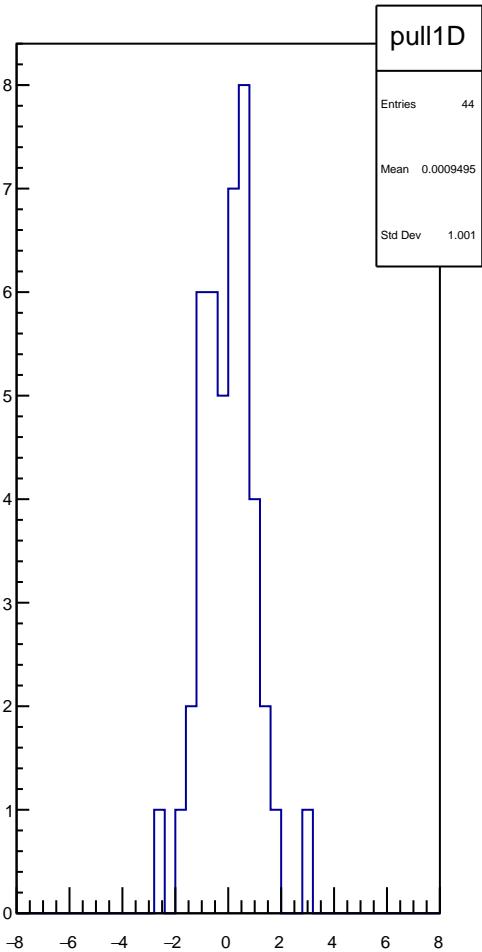
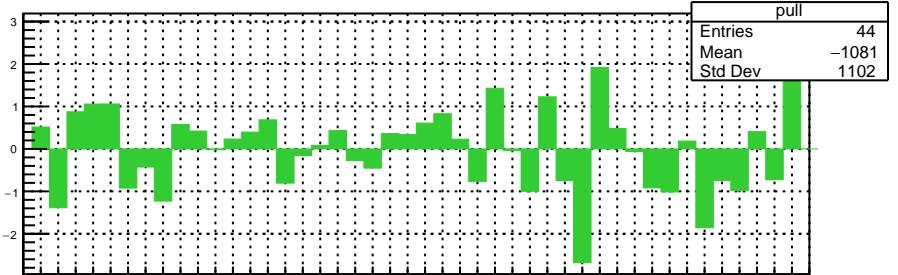
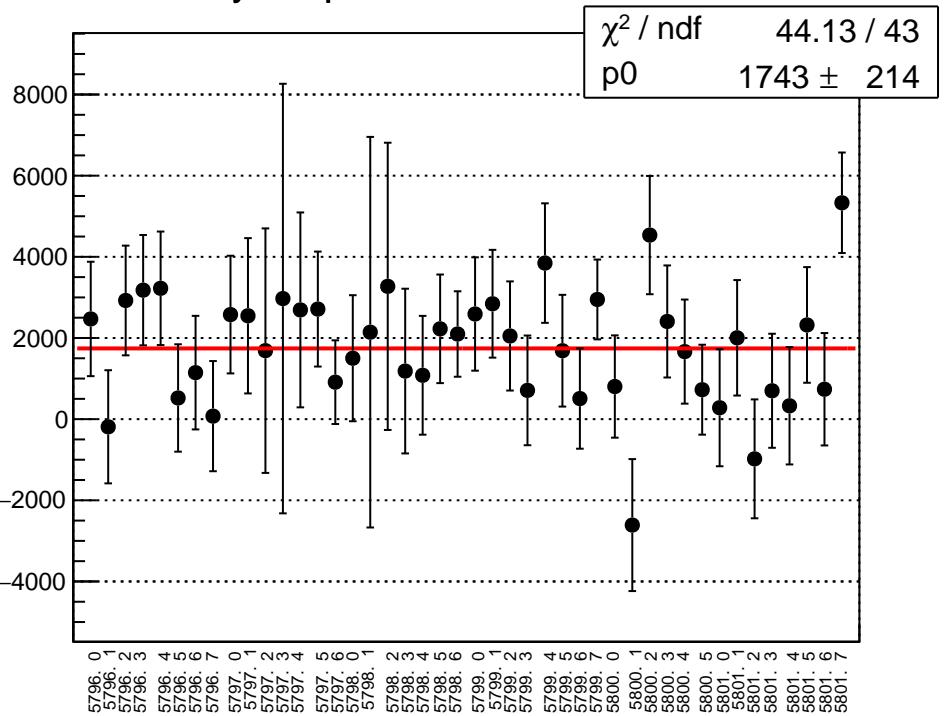
# asym\_bpm0l04WS\_mean vs run



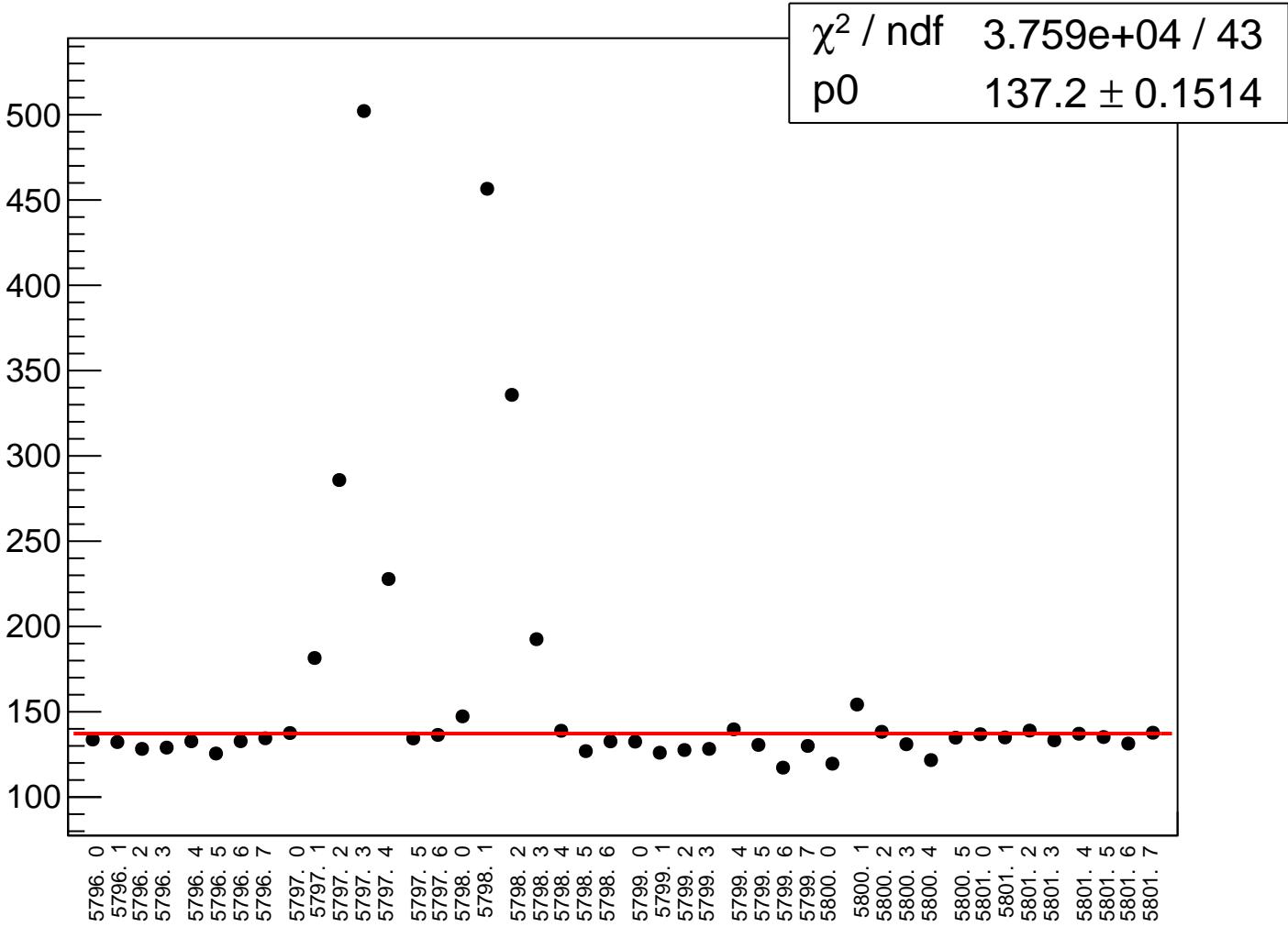
# asym\_bpm0l04WS\_rms vs run



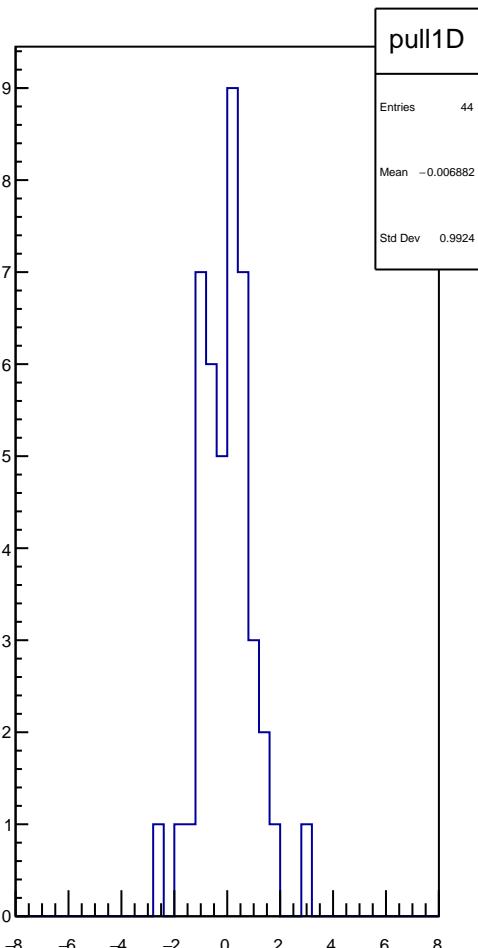
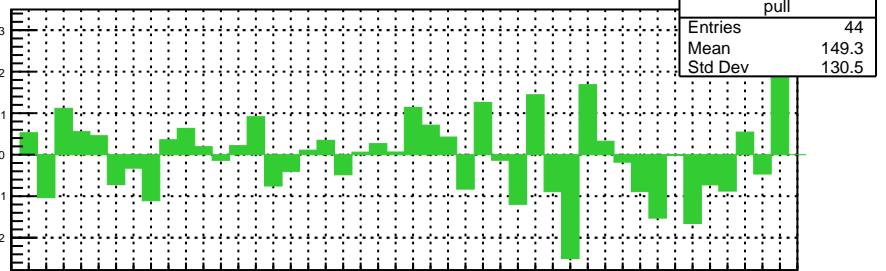
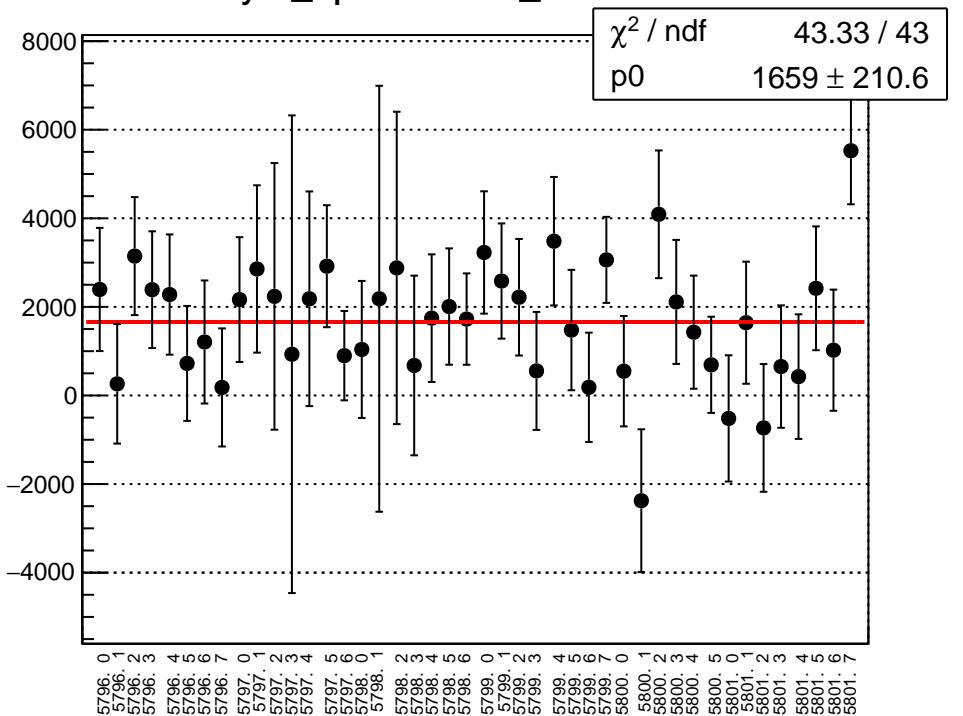
# asym\_bpm0l05WS\_mean vs run



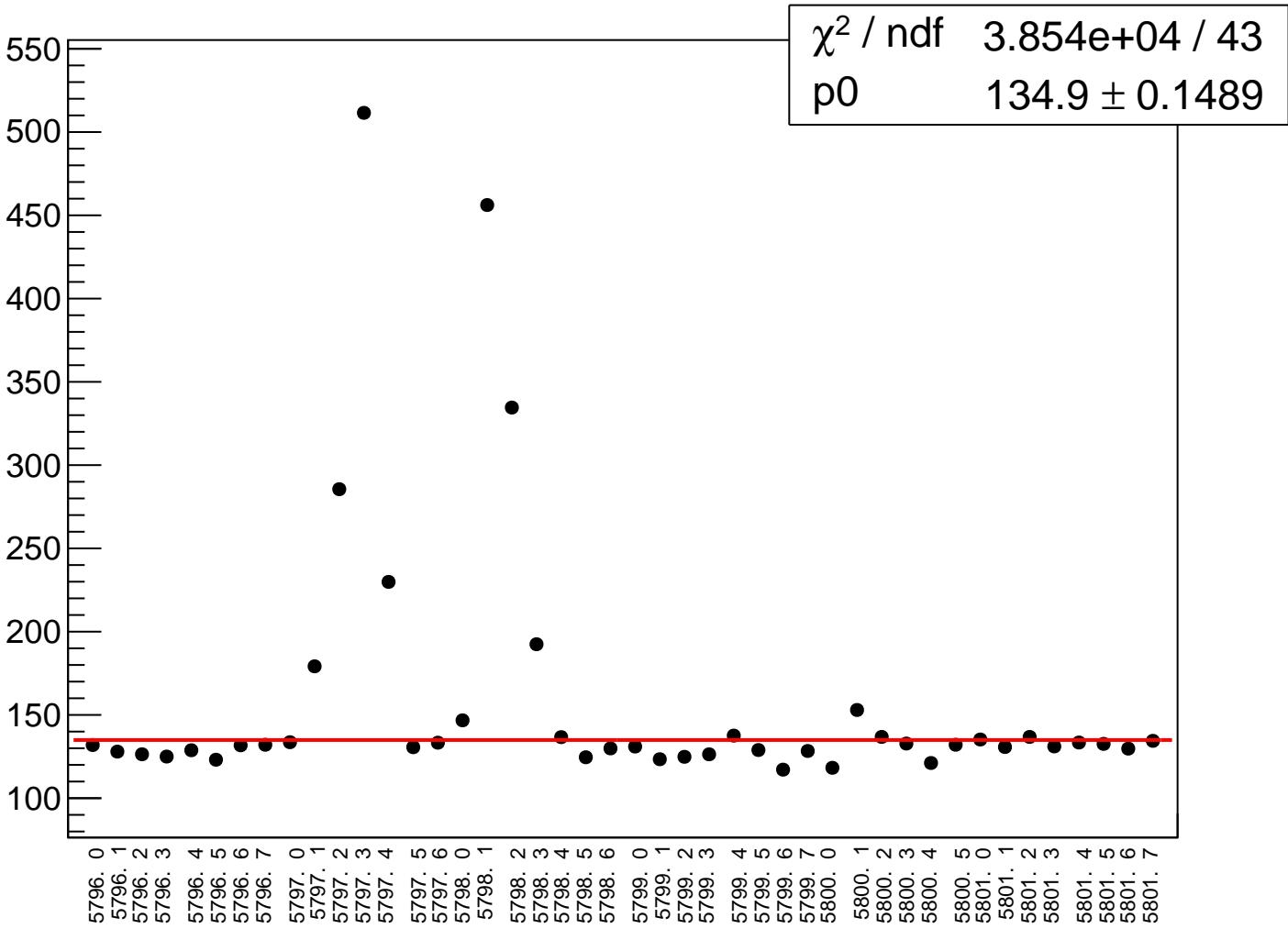
# asym\_bpm0l05WS\_rms vs run



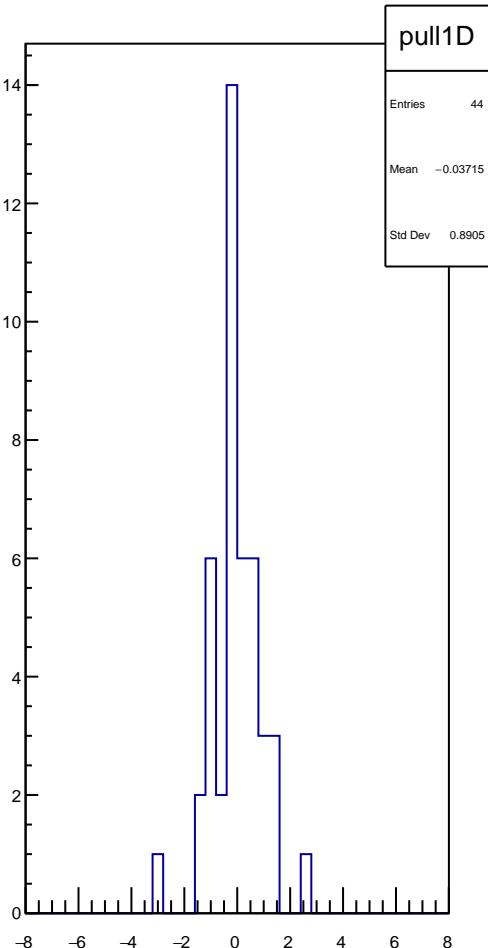
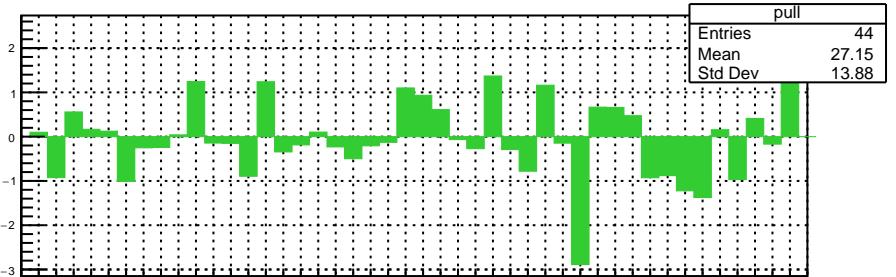
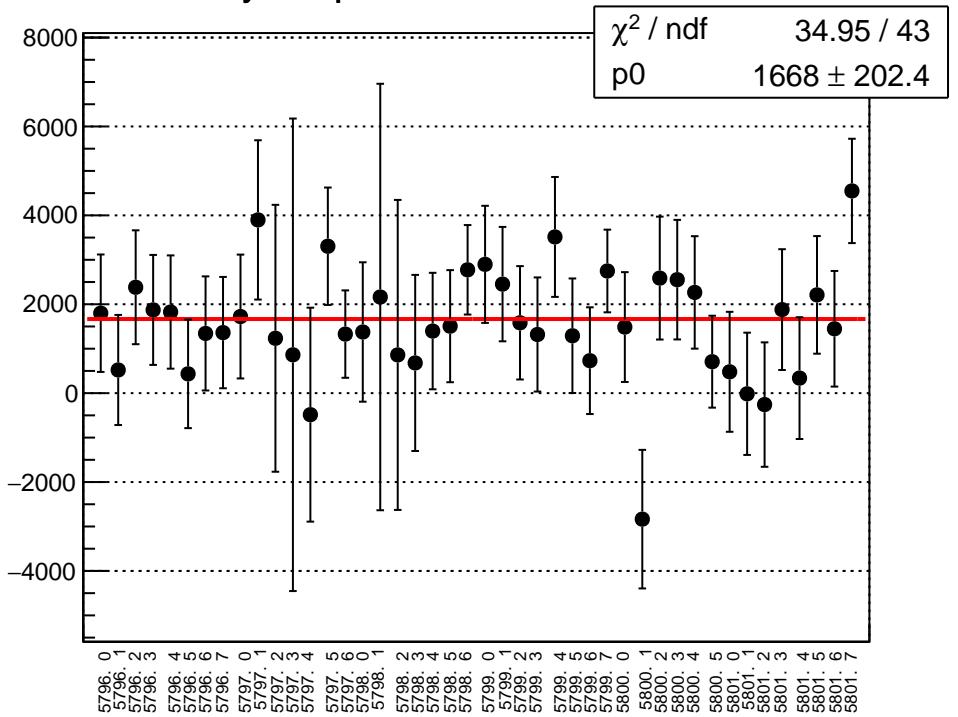
# asym\_bpm0l06WS\_mean vs run



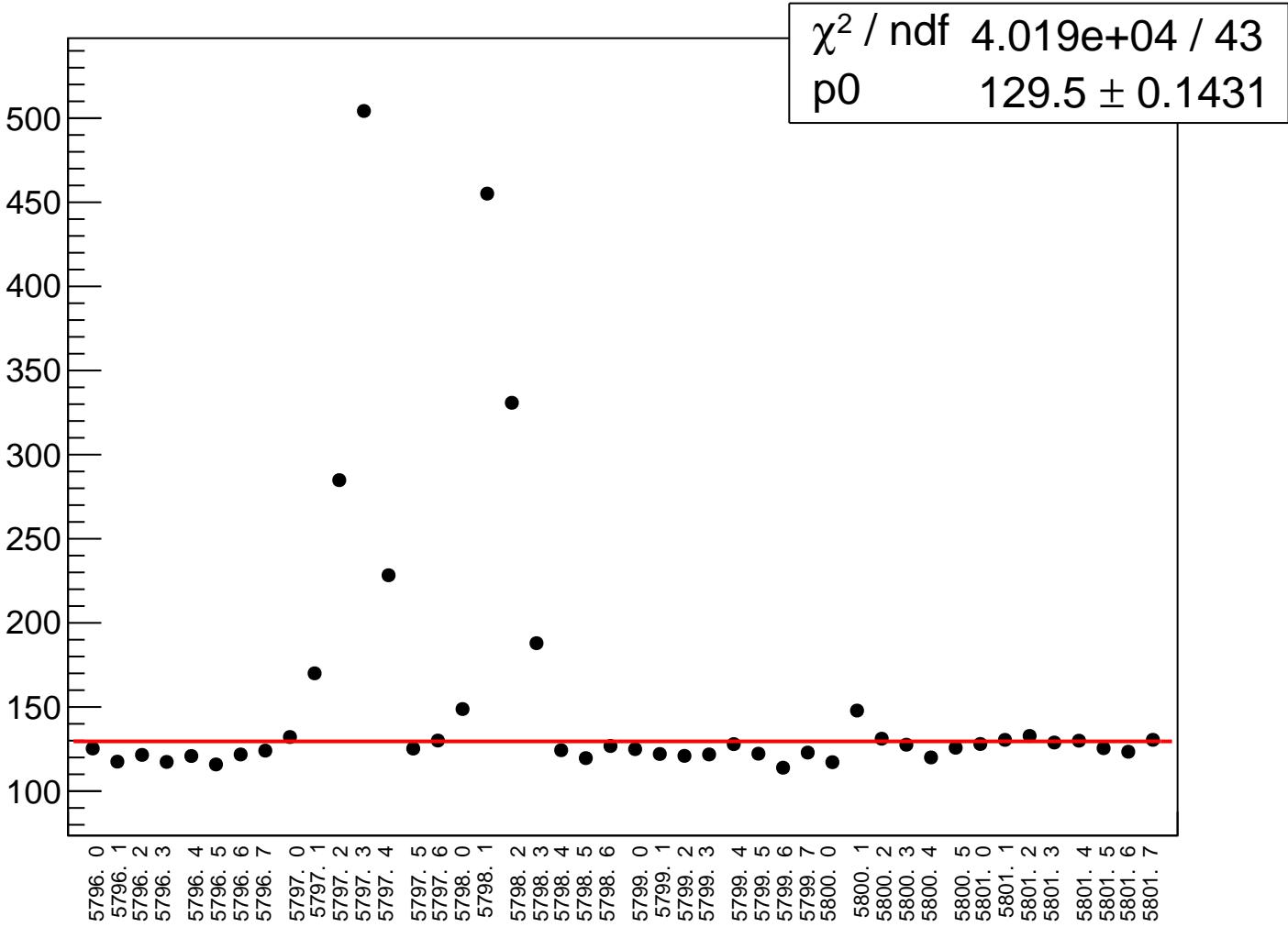
# asym\_bpm0l06WS\_rms vs run



# asym\_bpm0l07WS\_mean vs run



# asym\_bpm0l07WS\_rms vs run

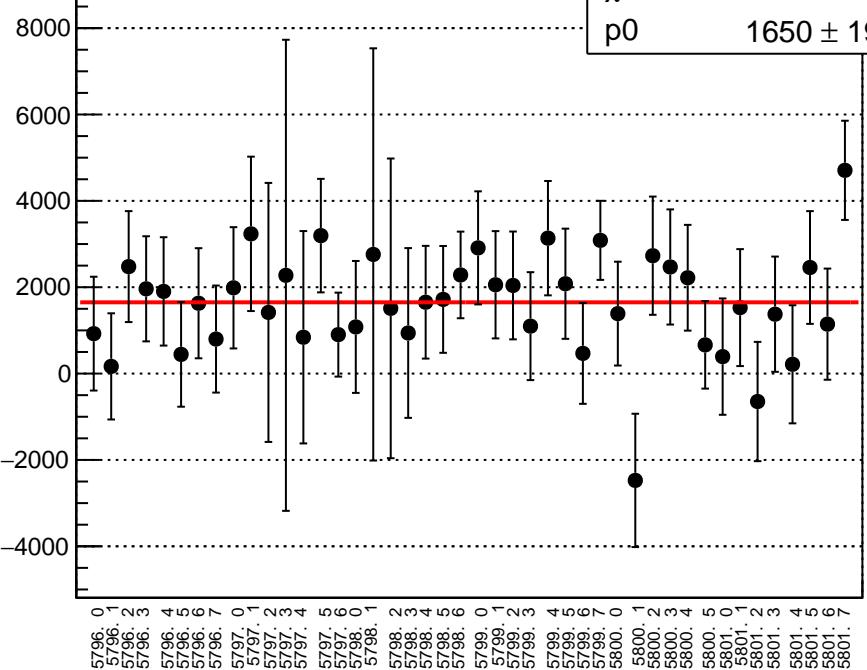




$\chi^2 / \text{ndf}$

35.35 / 43

p0  $1650 \pm 199.8$

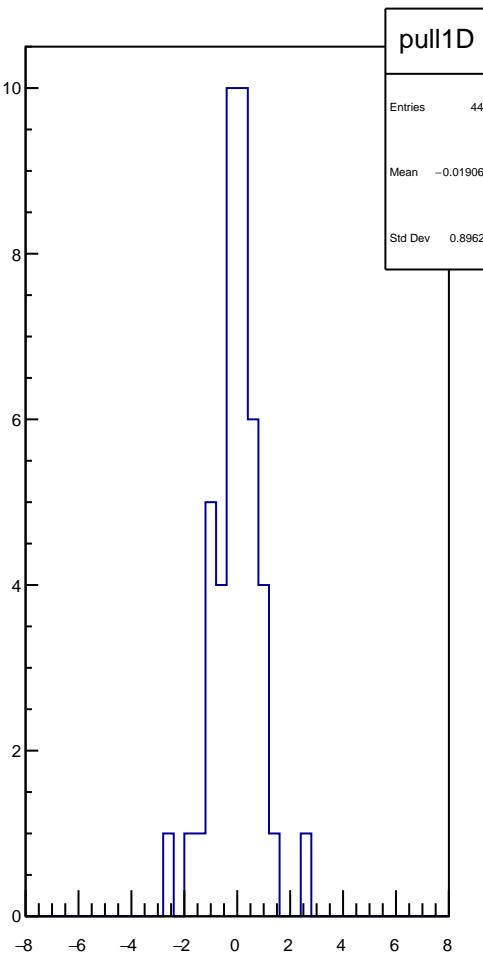


A histogram showing the distribution of pull values. The x-axis ranges from -2 to 2, and the y-axis ranges from 0 to 2. The histogram bars are green, and a black normal distribution curve is overlaid. The distribution is centered around 0.8681.

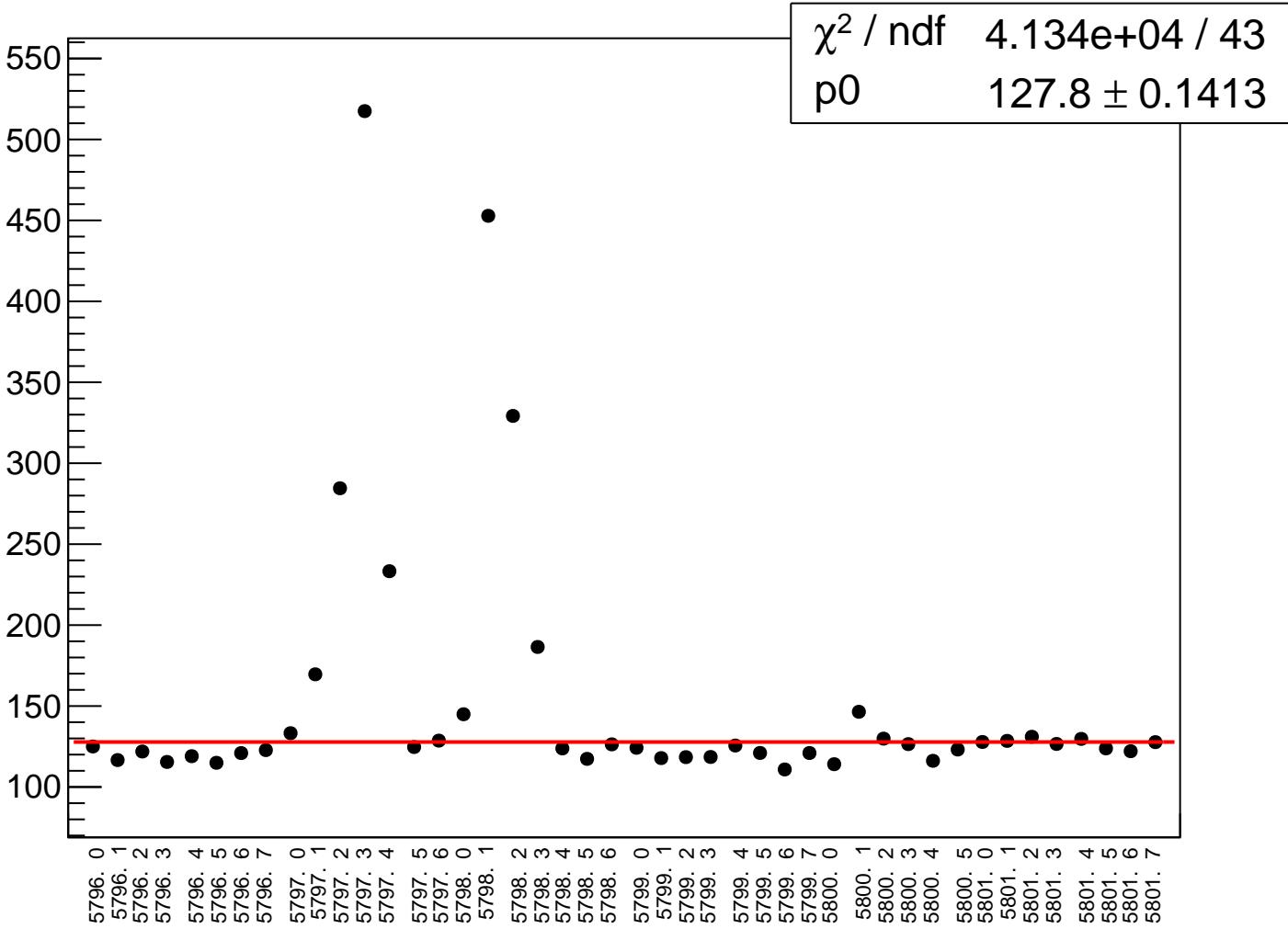
Statistic	Value
Entries	44
Mean	0.8681
Std Dev	12.89

pull  
Entries 44

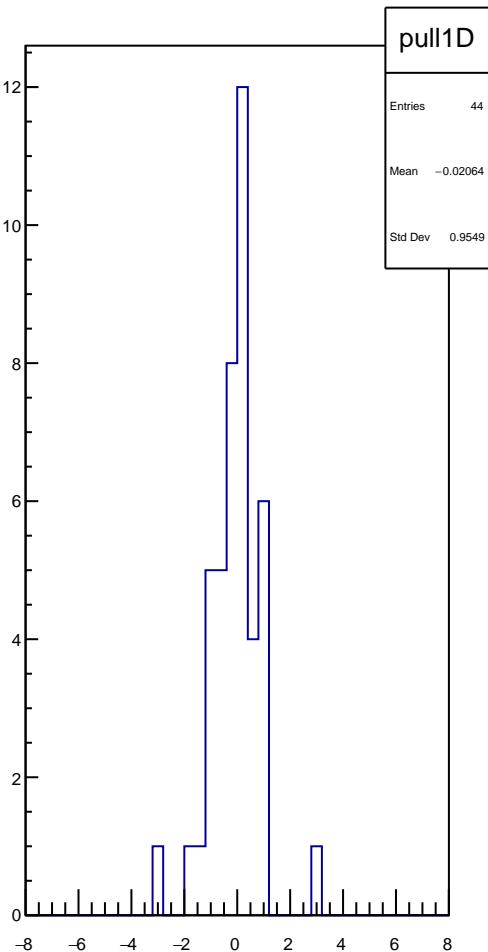
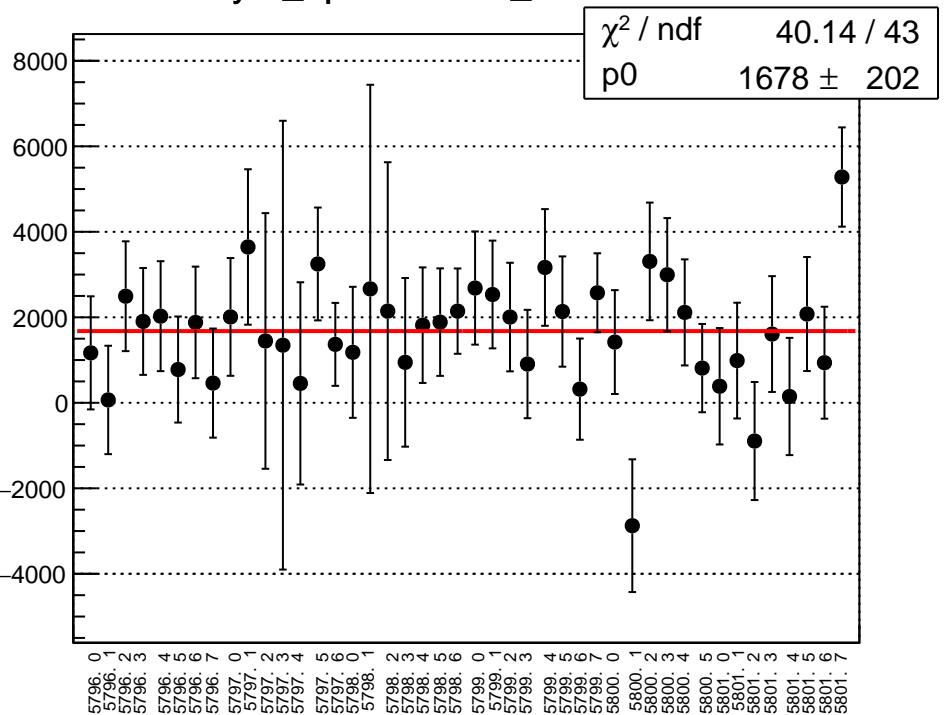
Mean 0.8681  
Std Dev 12.89



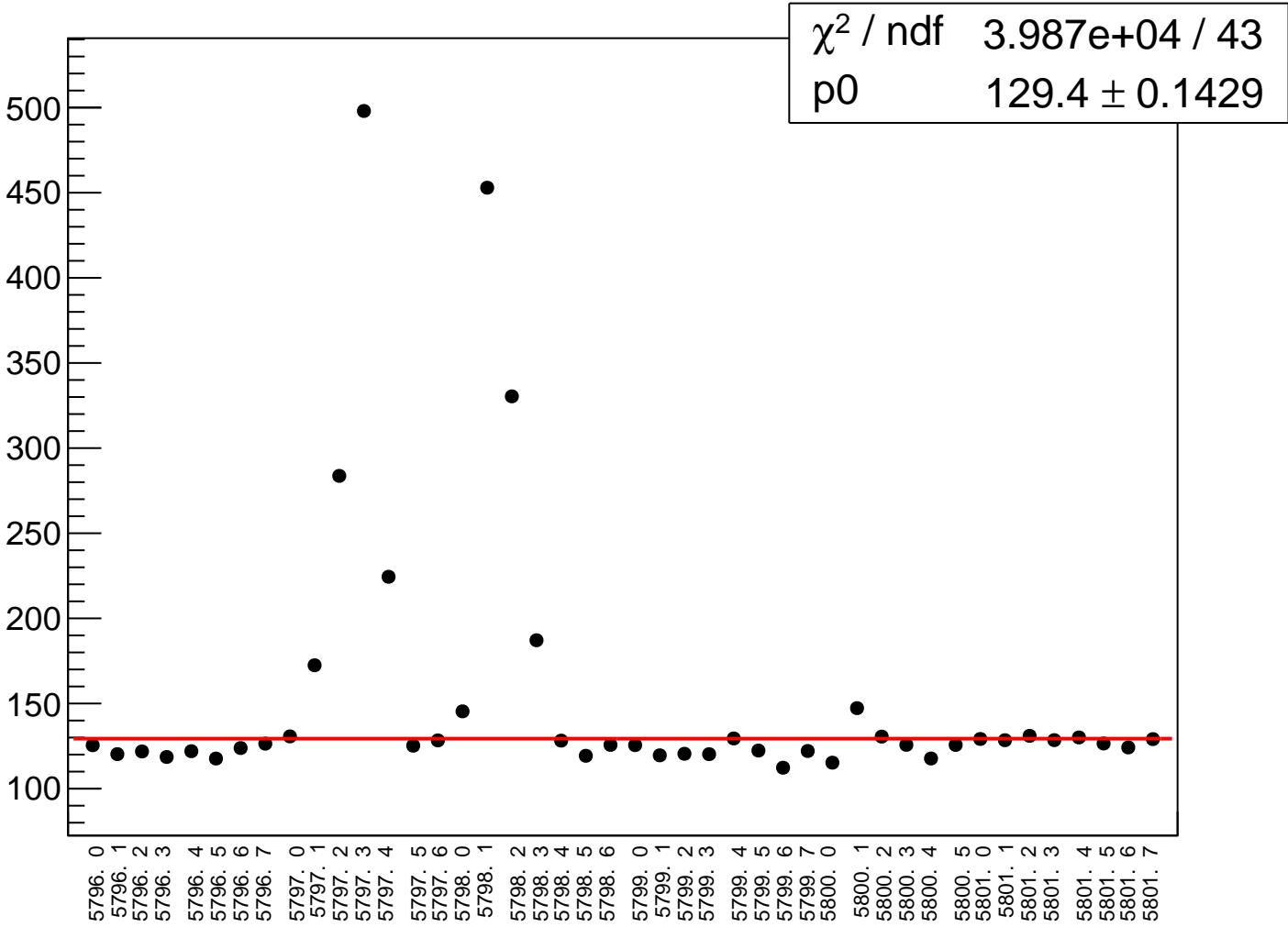
# asym\_bpm0l08WS\_rms vs run



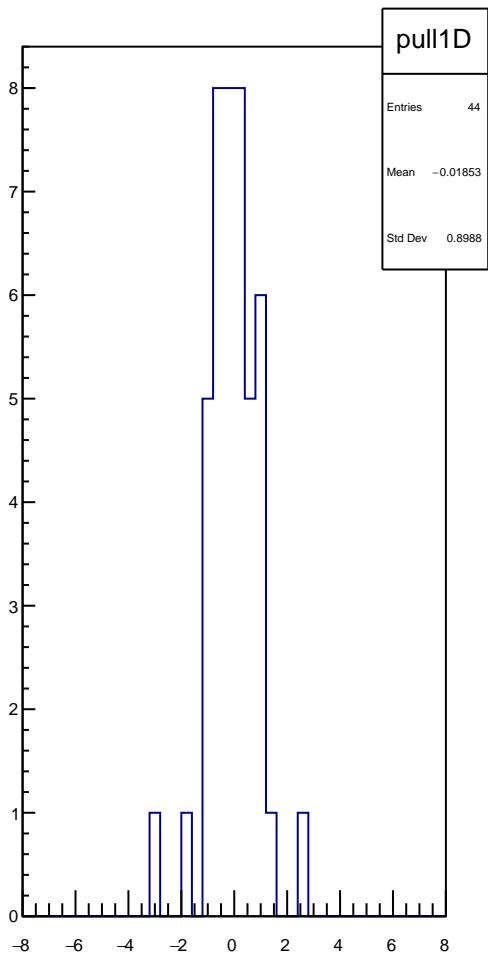
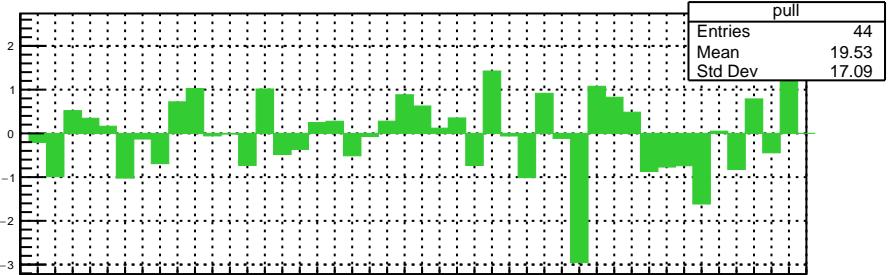
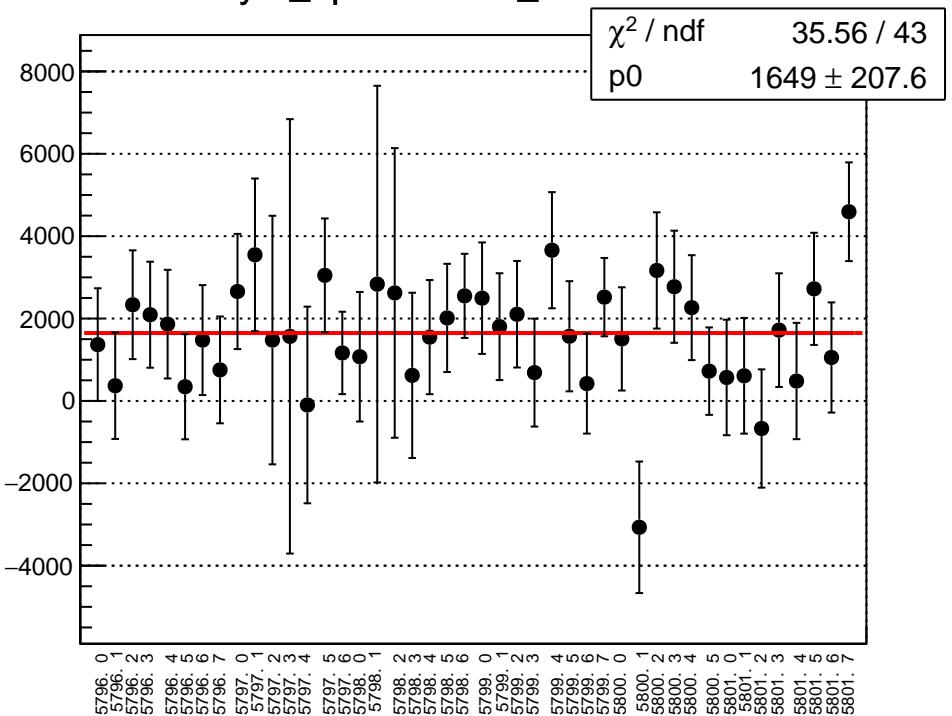
# asym\_bpm0l09WS\_mean vs run



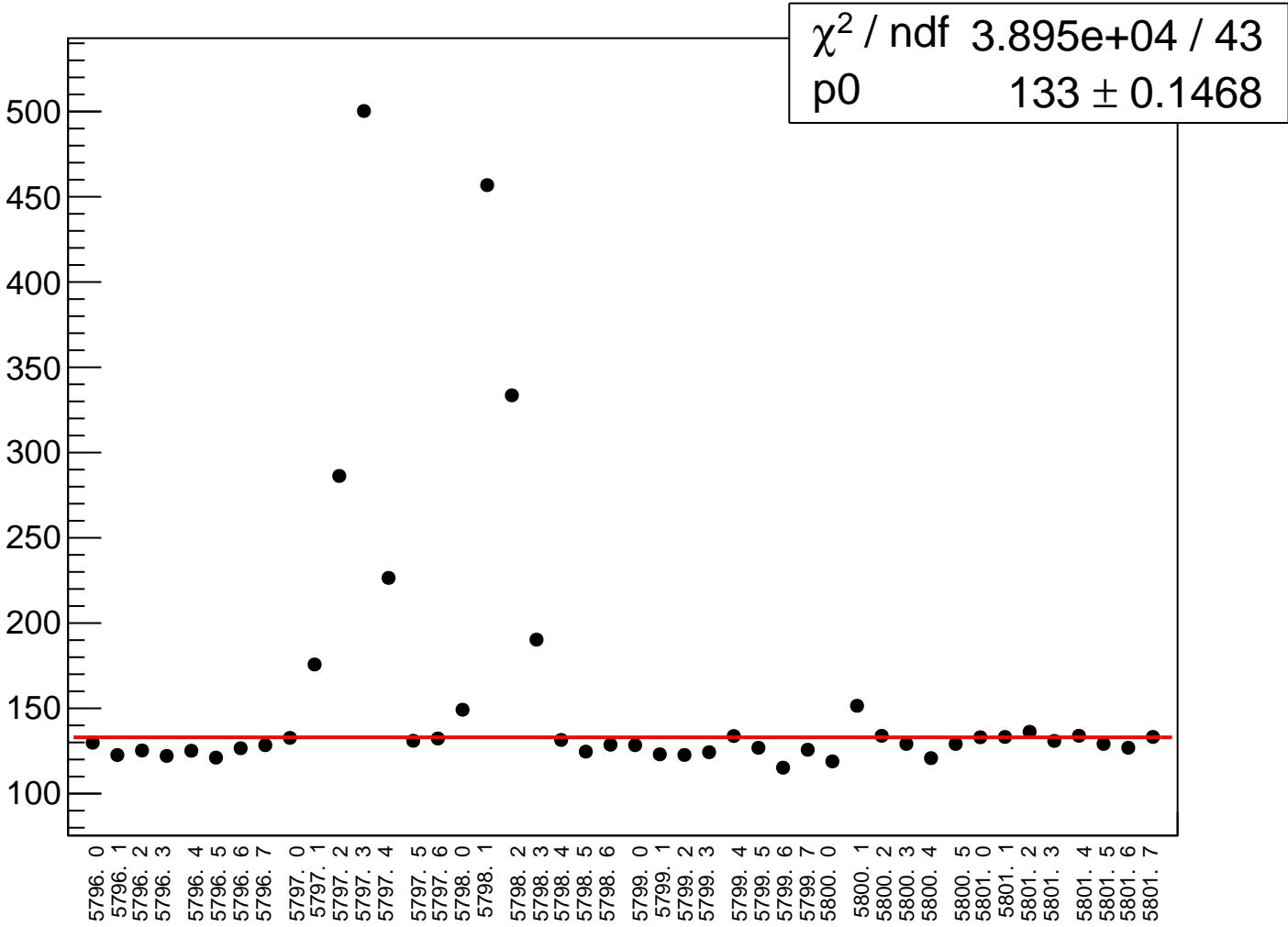
# asym\_bpm0l09WS\_rms vs run



# asym\_bpm0l10WS\_mean vs run

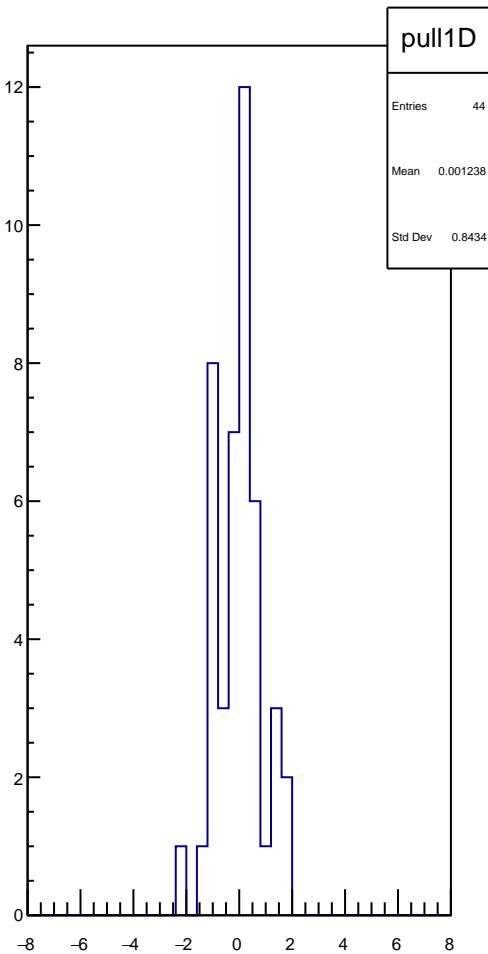
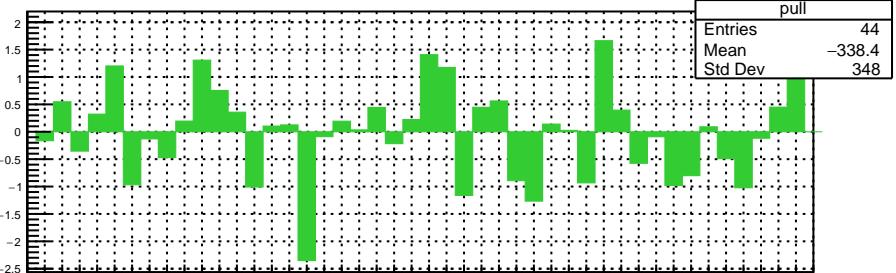
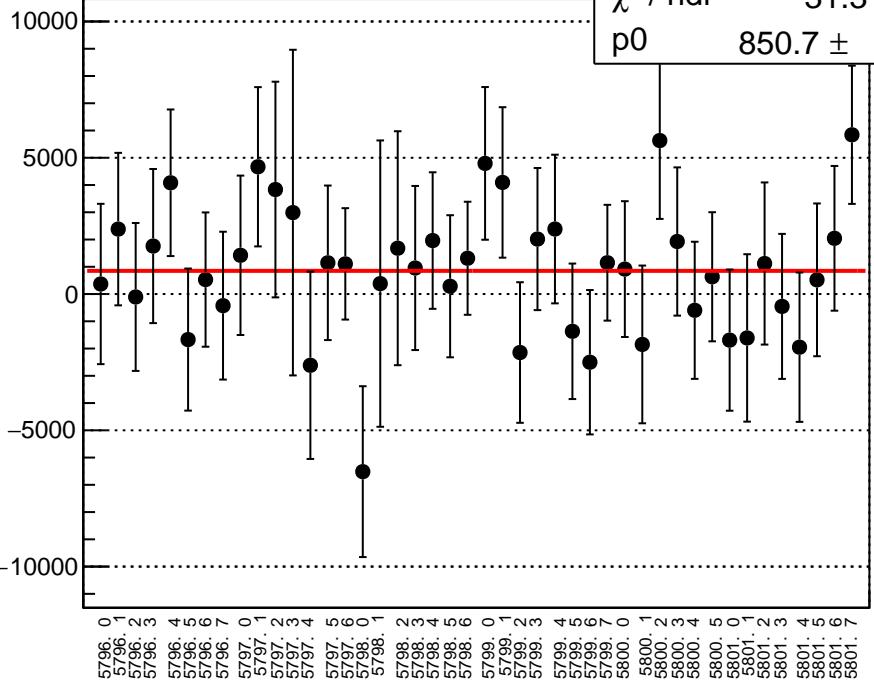


# asym\_bpm0l10WS\_rms vs run

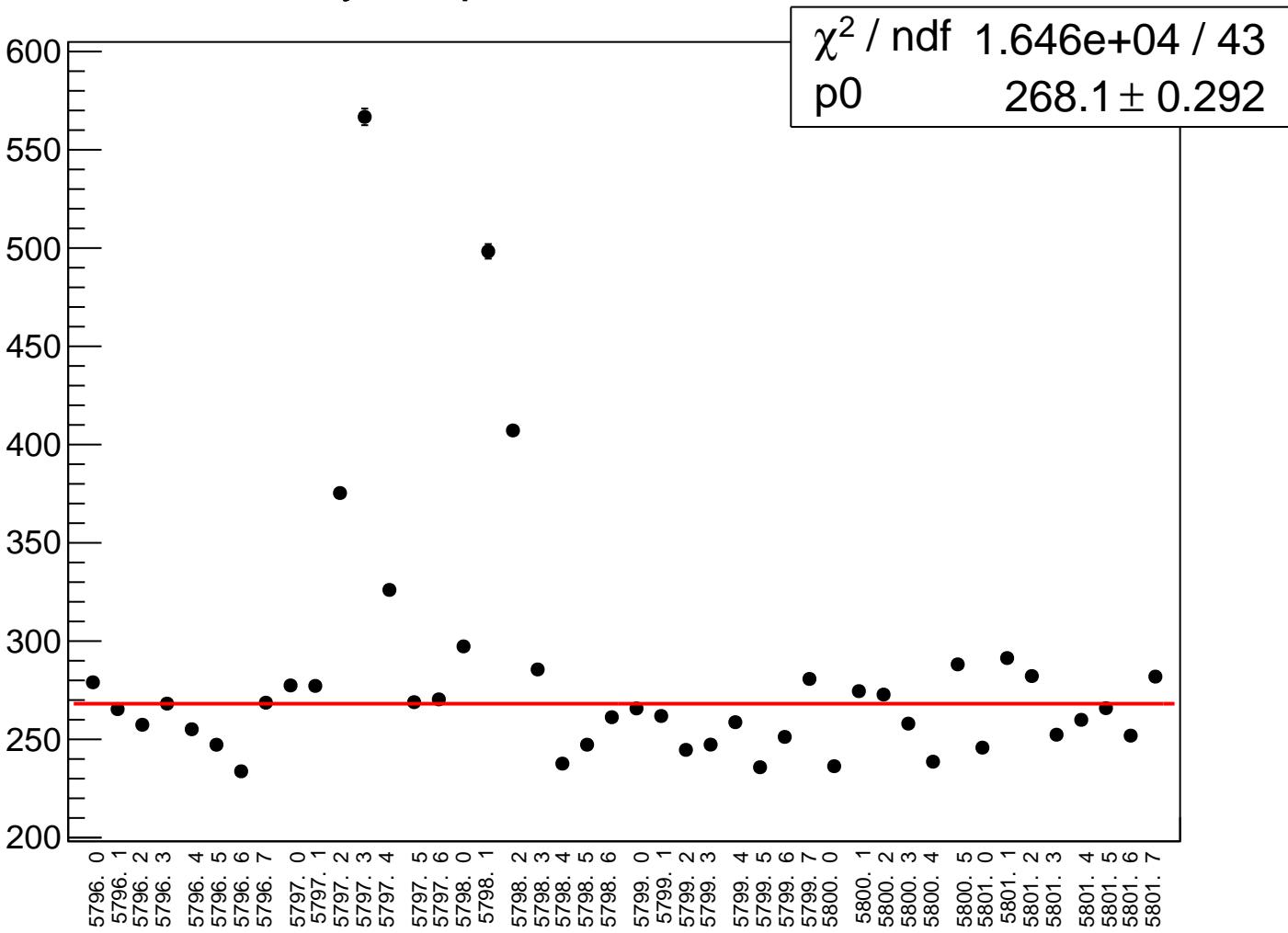


# asym\_bpm0r03WS\_mean vs run

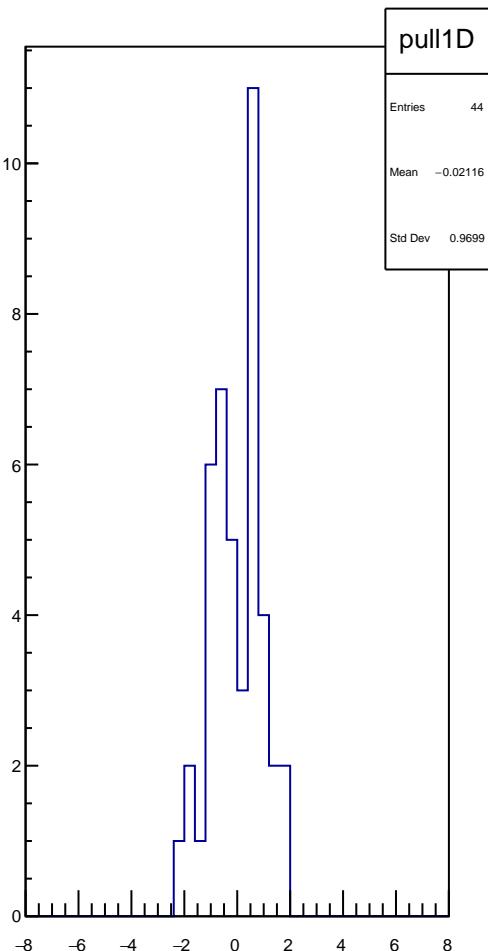
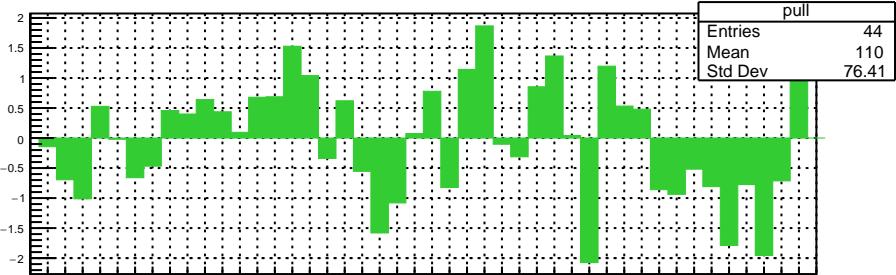
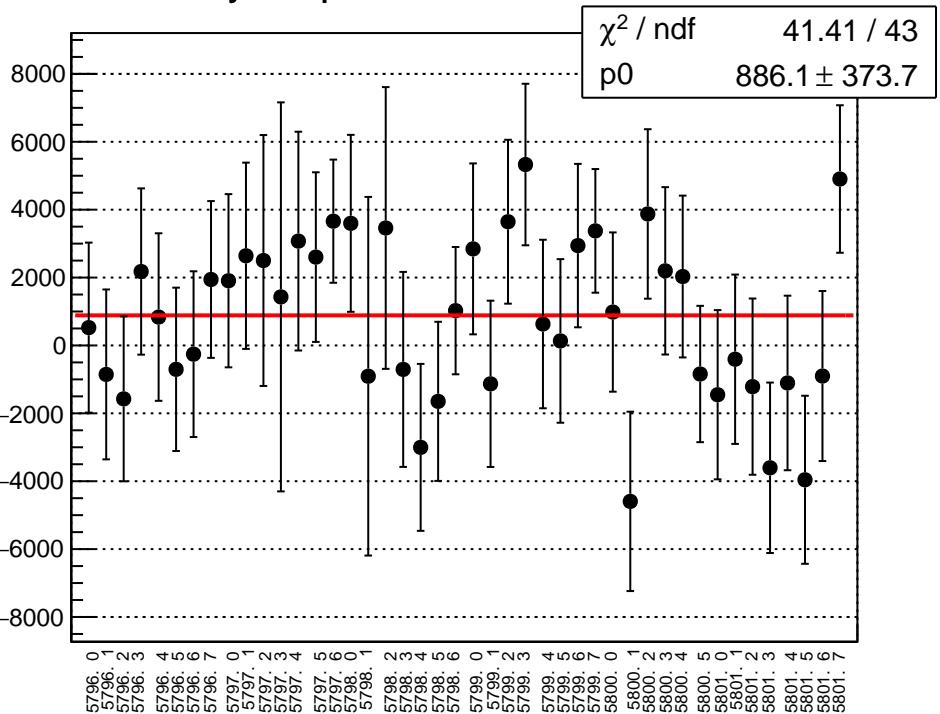
$\chi^2 / \text{ndf}$  31.3 / 43  
 $p_0$   $850.7 \pm 413$



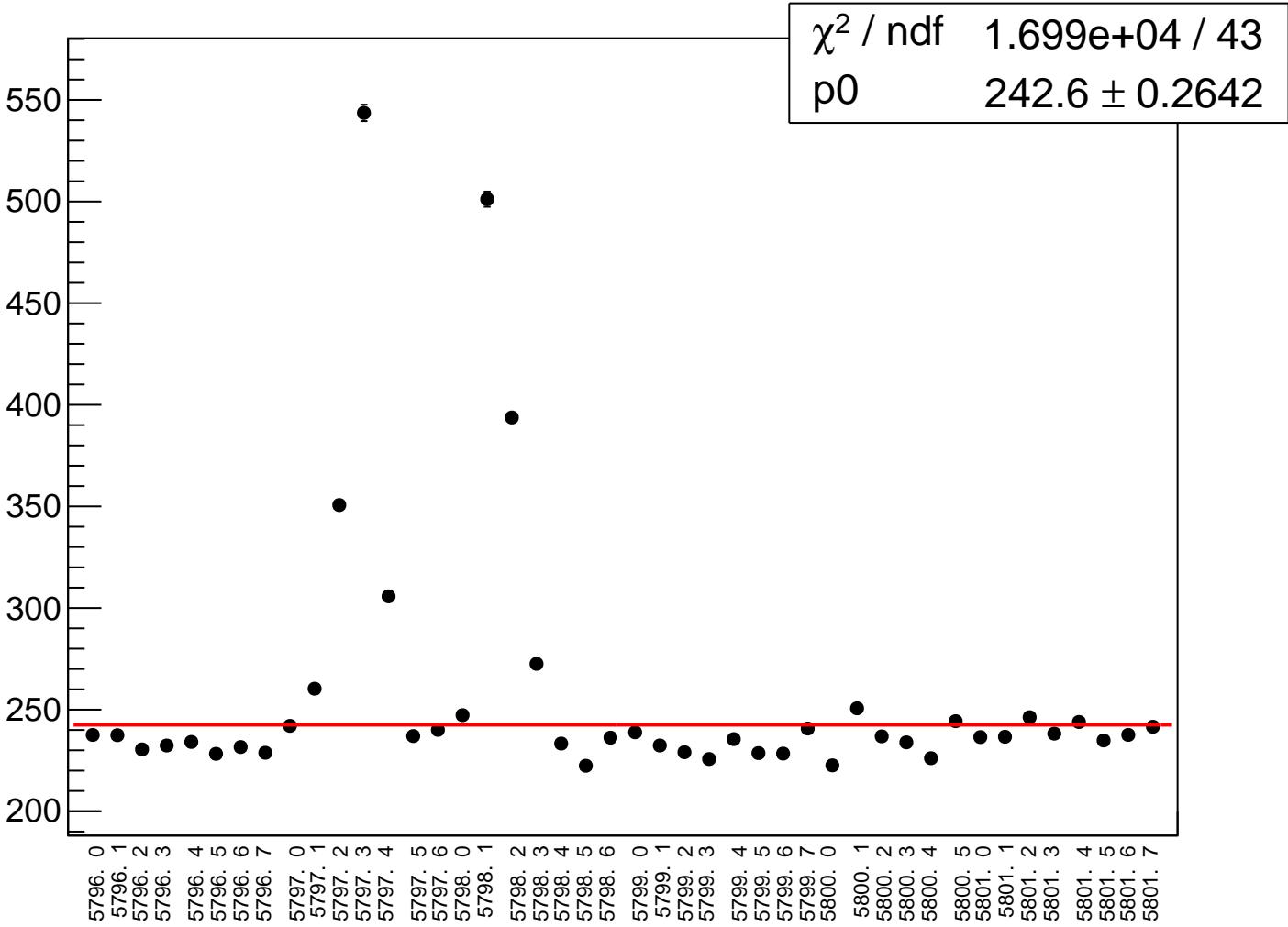
# asym\_bpm0r03WS\_rms vs run



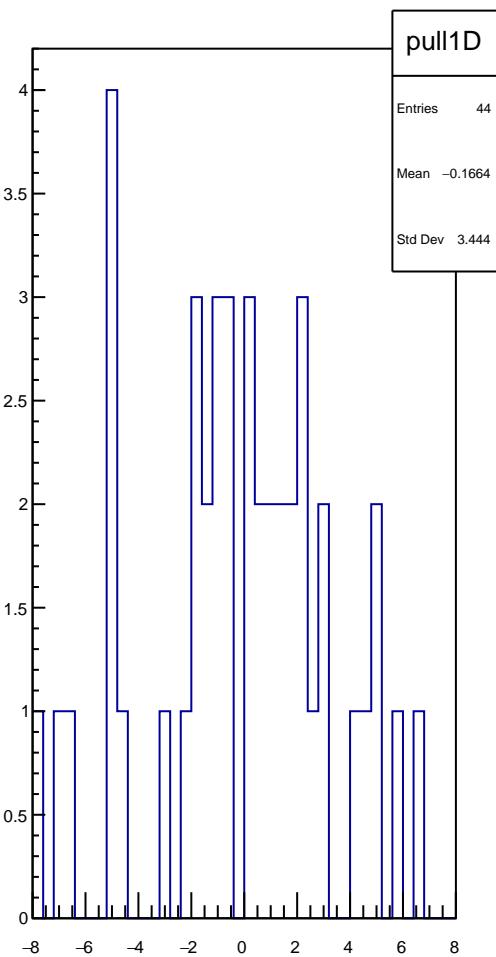
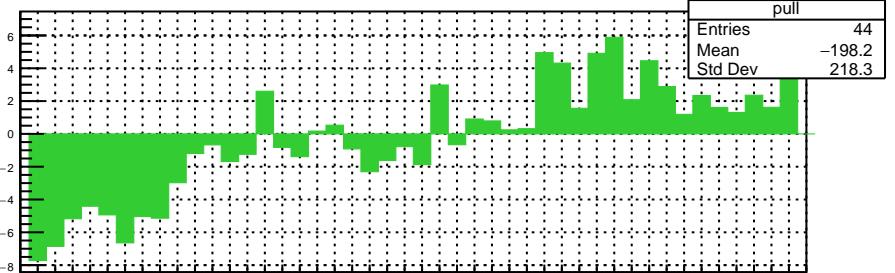
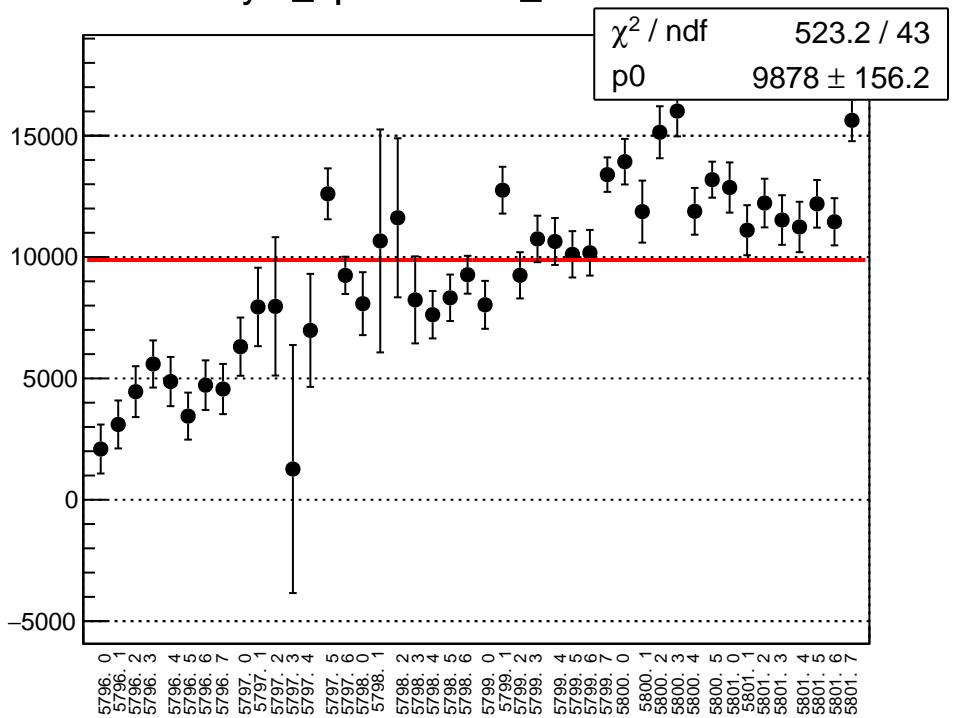
# asym\_bpm0r05WS\_mean vs run



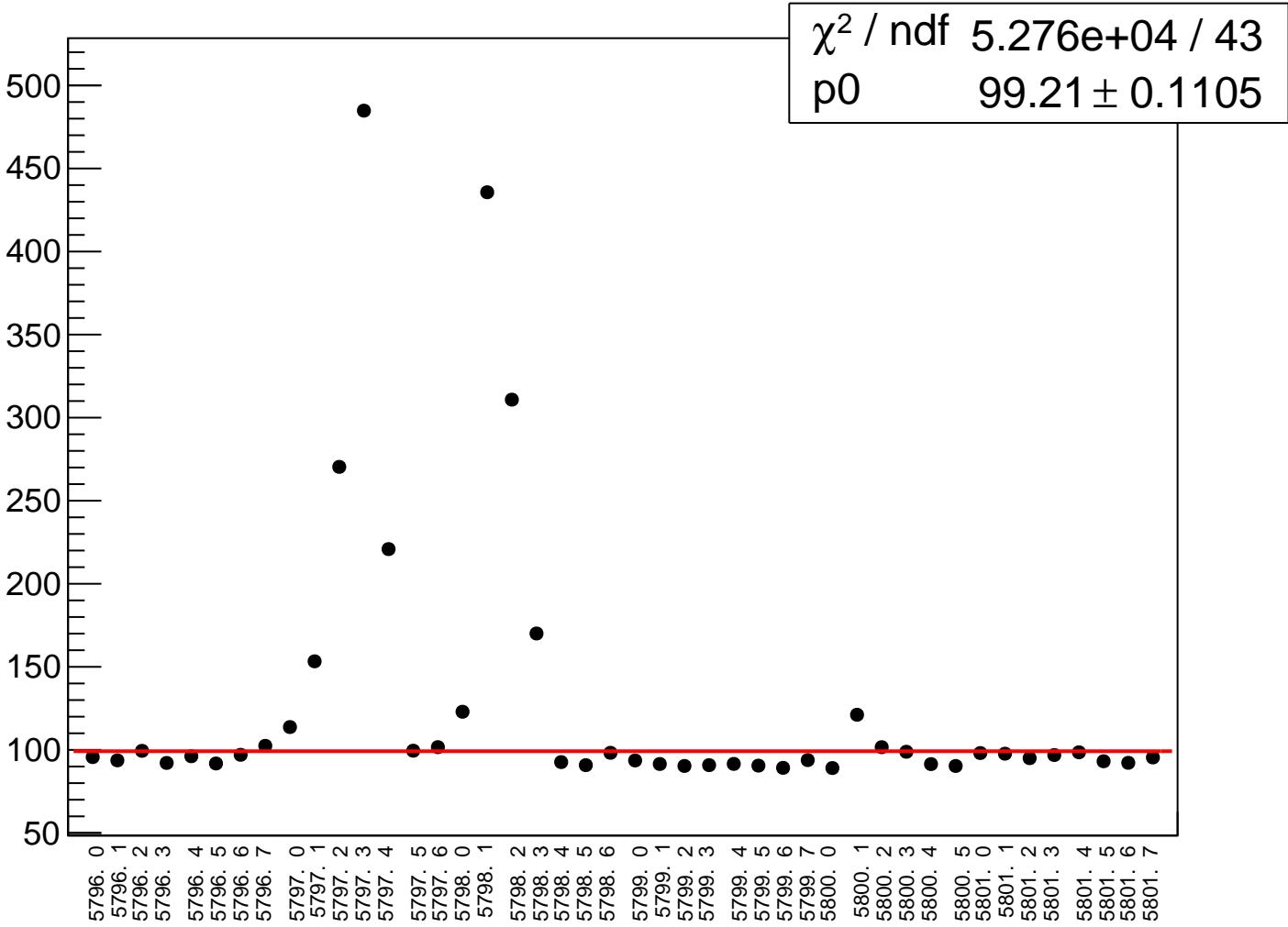
# asym\_bpm0r05WS\_rms vs run



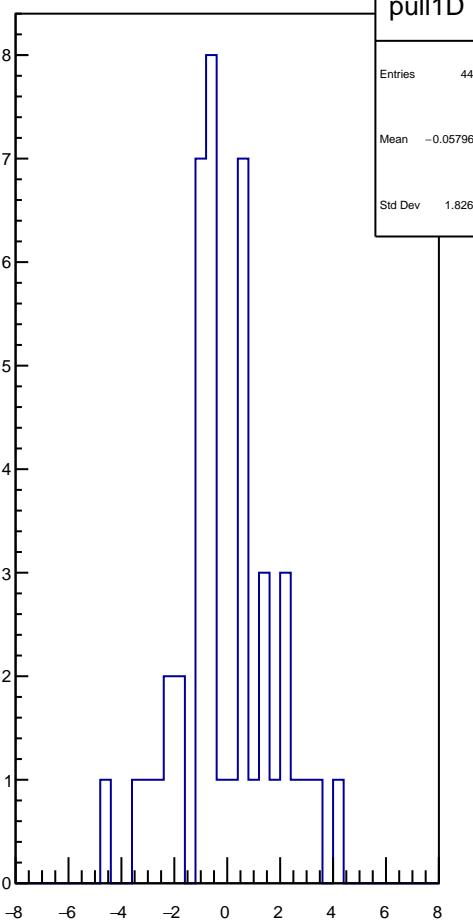
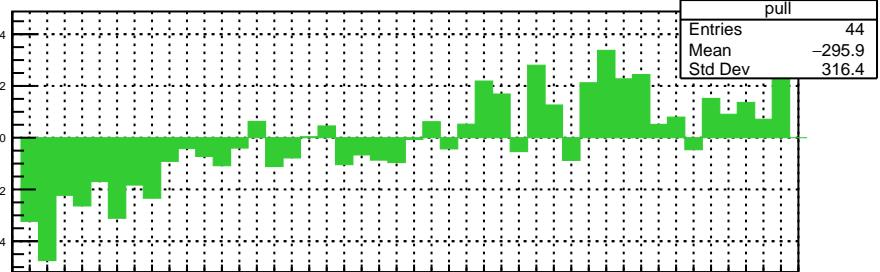
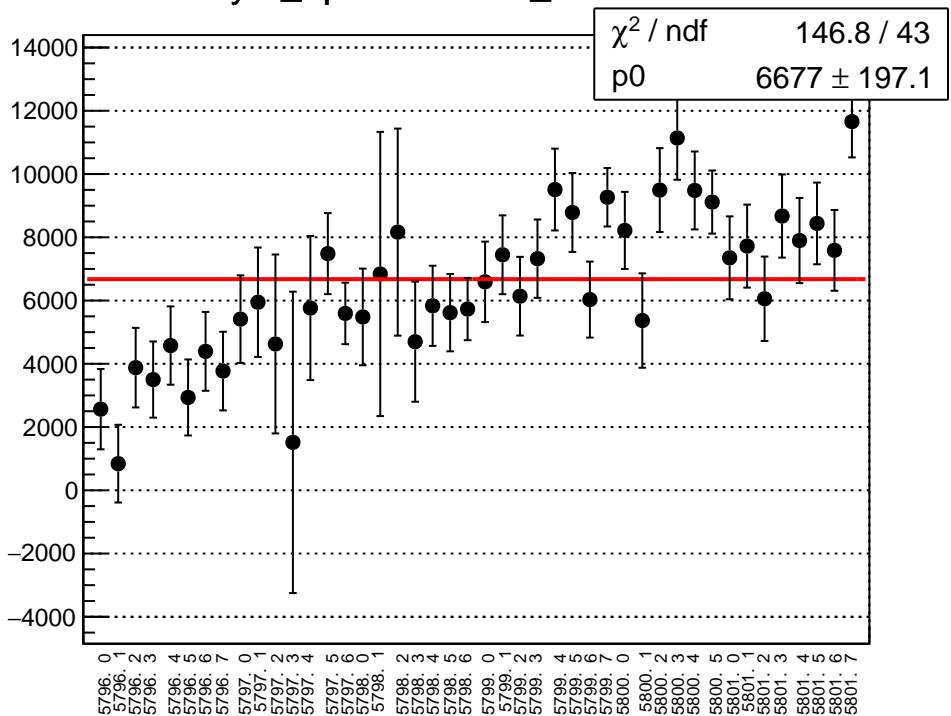
# asym\_bpm0i02WS\_mean vs run



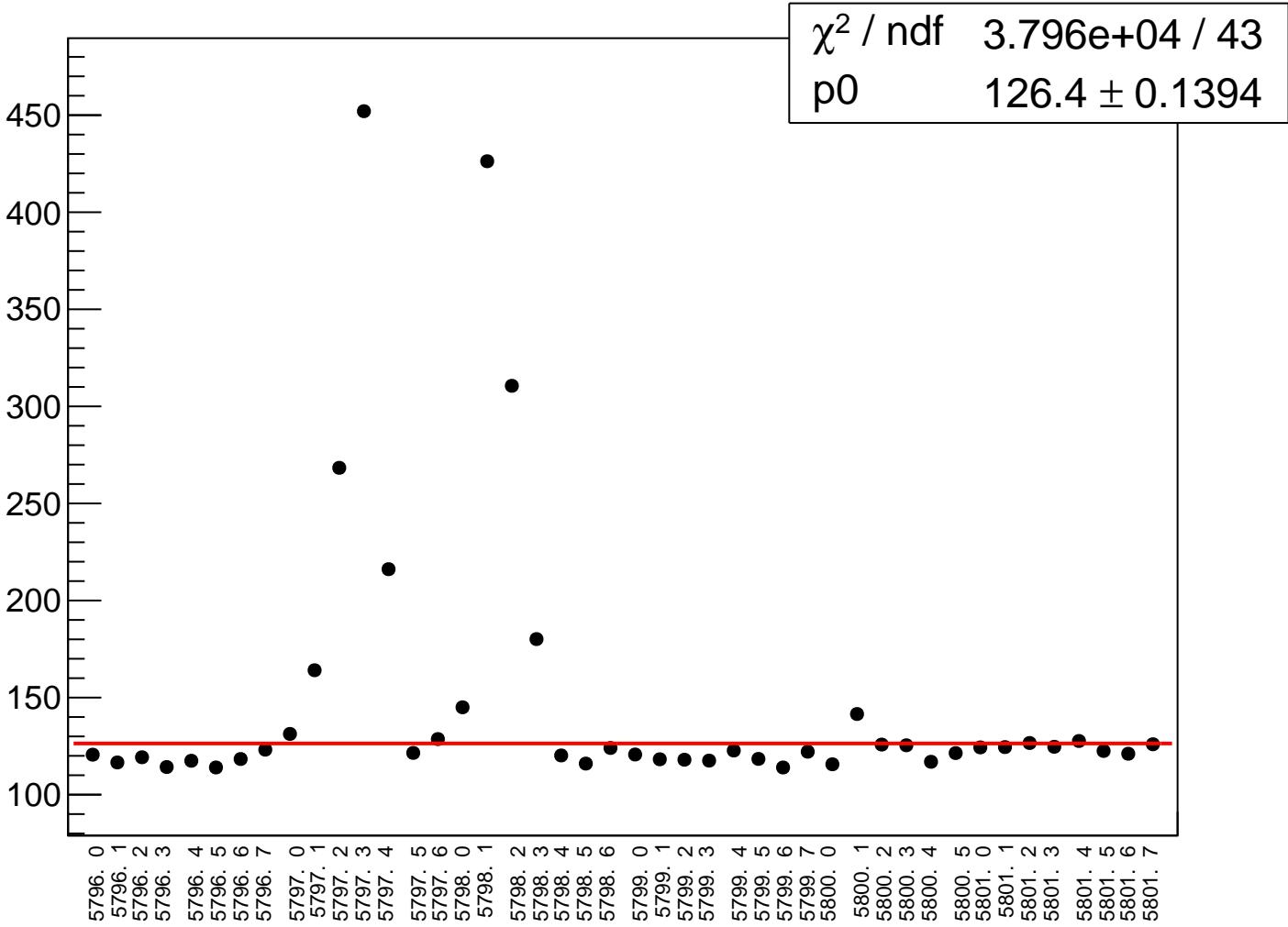
# asym\_bpm0i02WS\_rms vs run



# asym\_bpm0i02aWS\_mean vs run

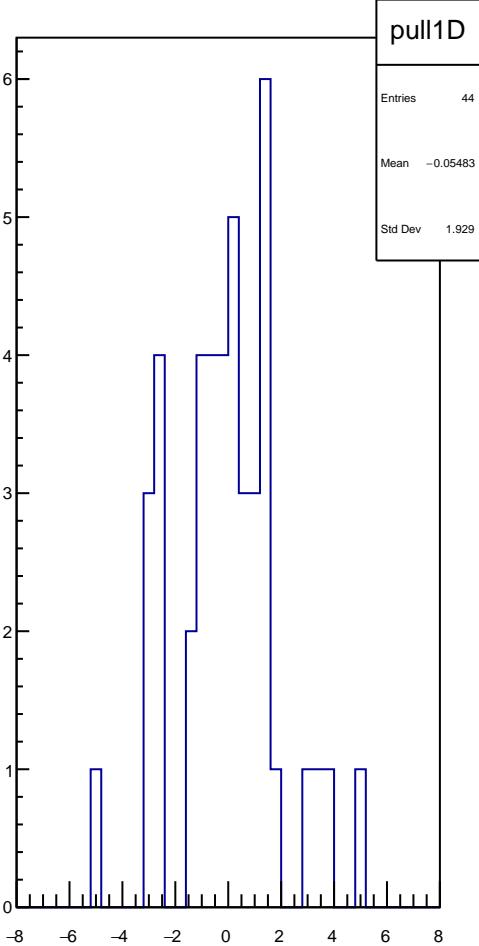
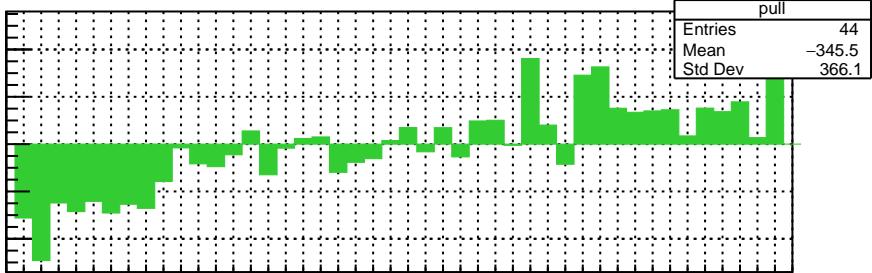
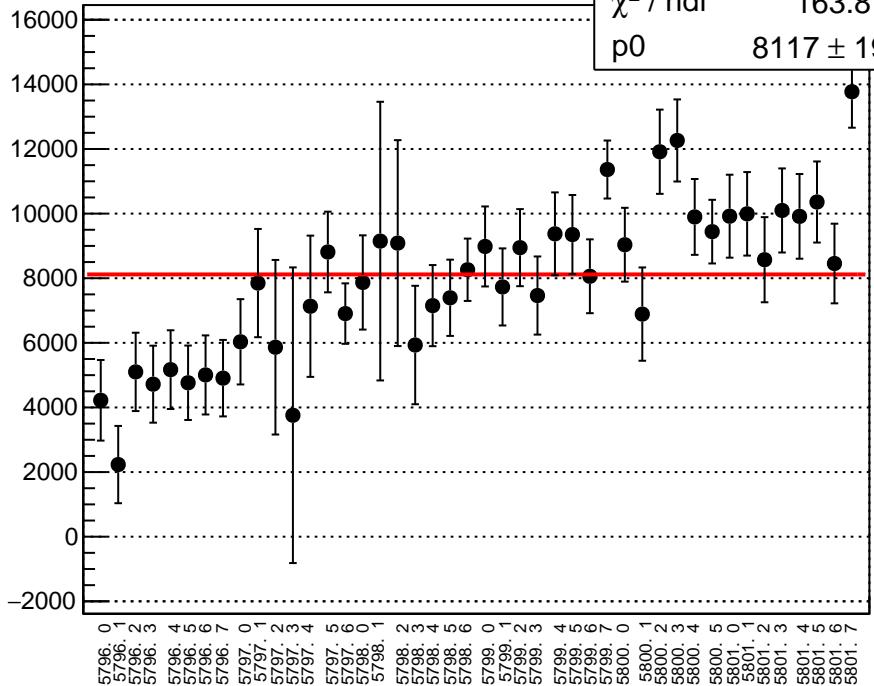


# asym\_bpm0i02aWS\_rms vs run

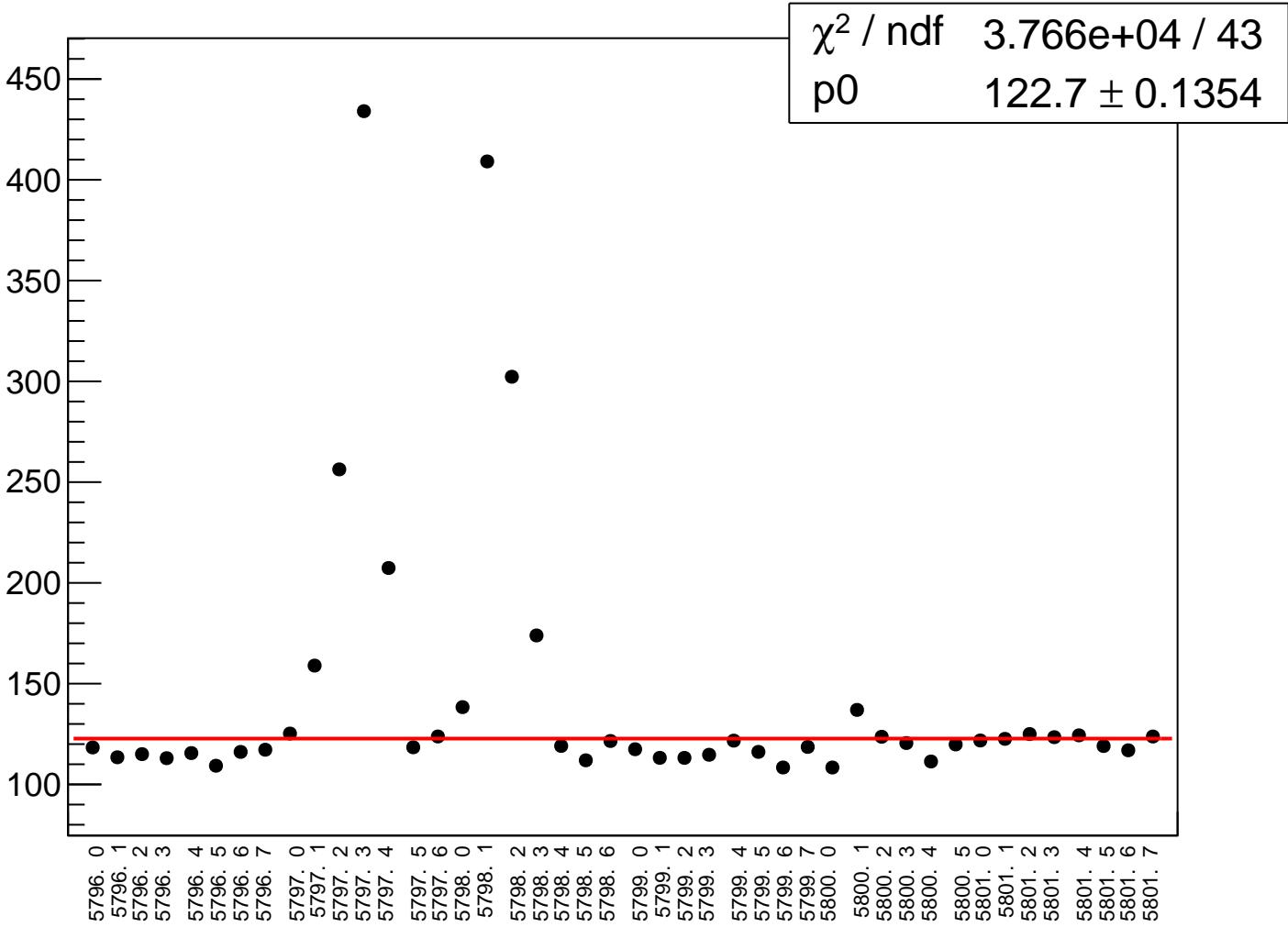


# asym\_bpm0i05WS\_mean vs run

$\chi^2 / \text{ndf}$  163.8 / 43  
 $p_0$   $8117 \pm 191.5$

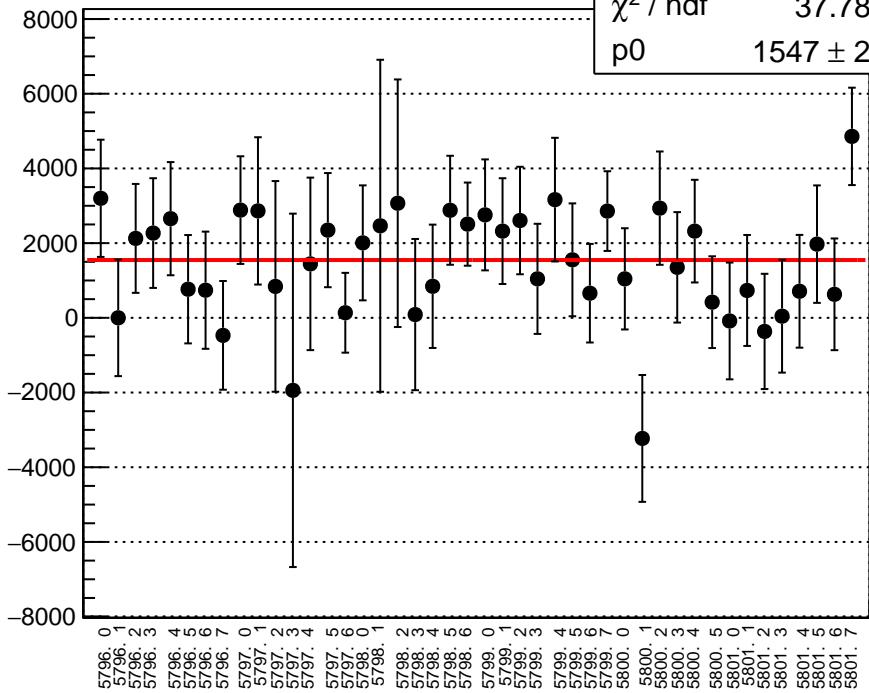


# asym\_bpm0i05WS\_rms vs run



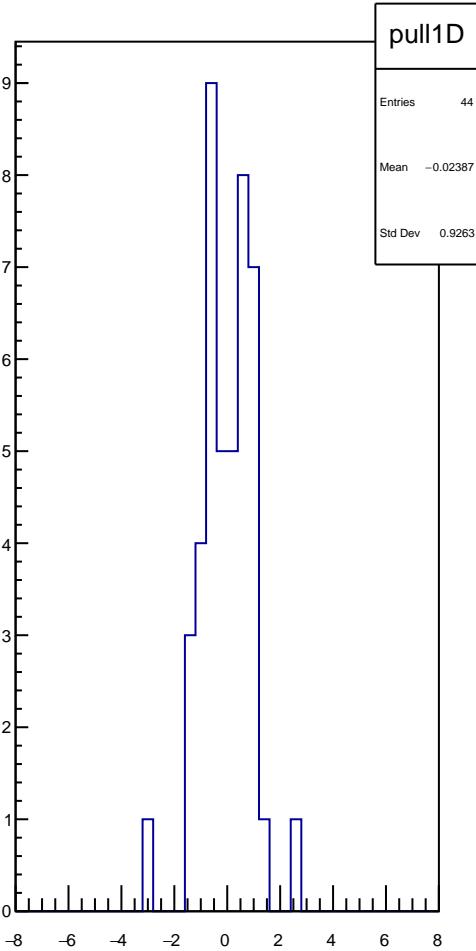


$\chi^2 / \text{ndf}$       37.78 / 43  
 p0             $1547 \pm 228.7$

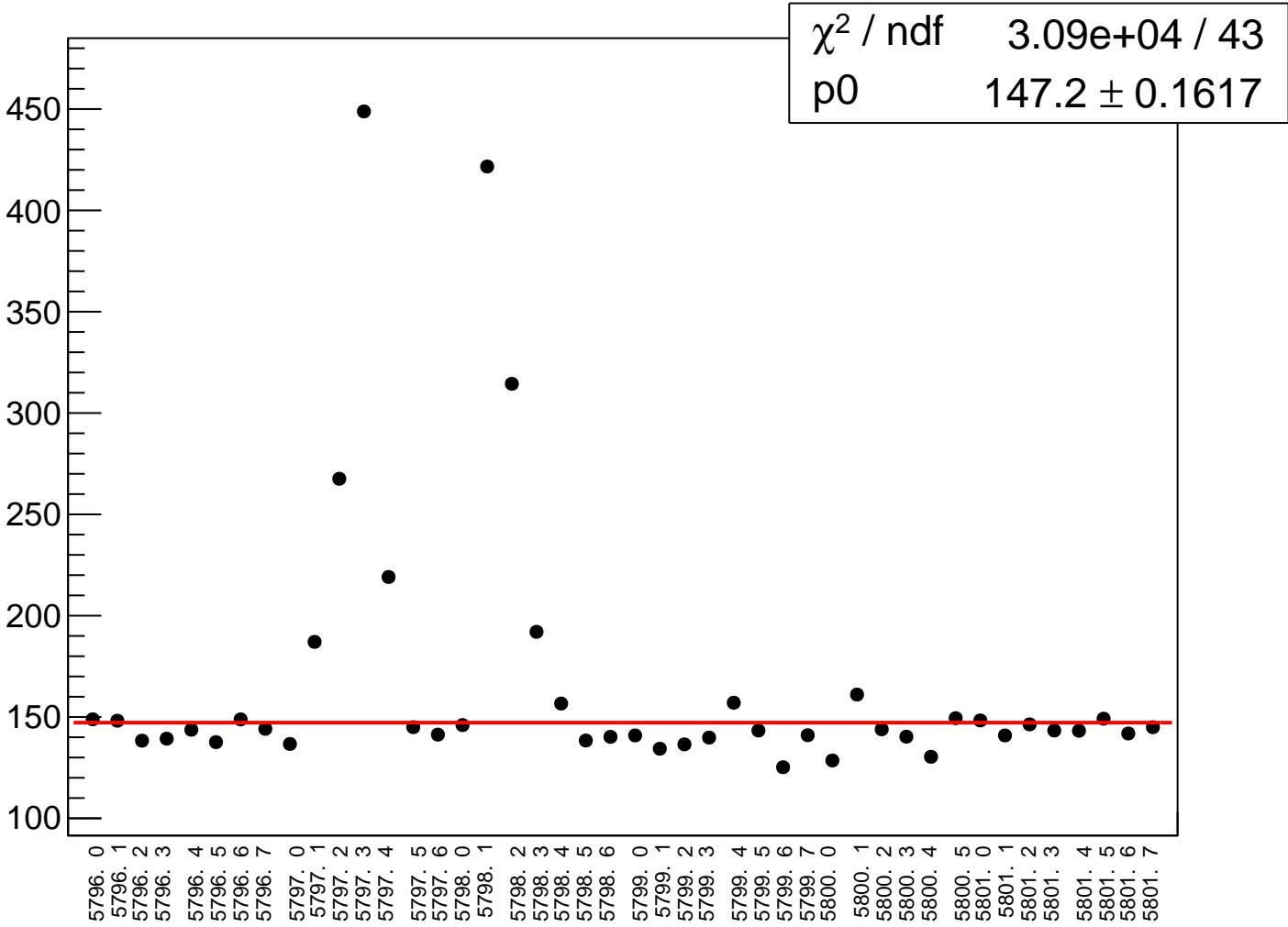


A histogram titled "pull" showing the distribution of pull values. The x-axis is labeled "pull" and ranges from -10 to 100. The y-axis represents frequency, with labels at 0, 20, 40, 60, 80, and 100. The distribution is centered around 63.15, with a standard deviation of 38.9. The bars are green.

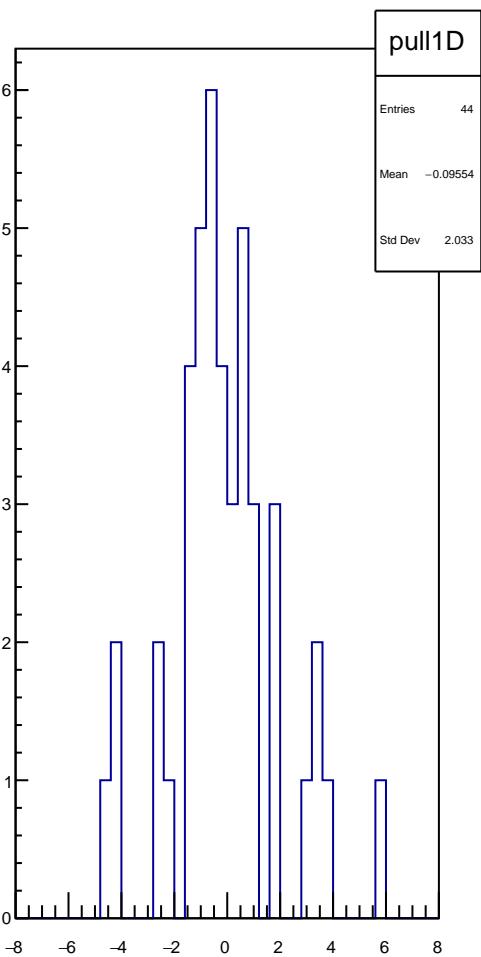
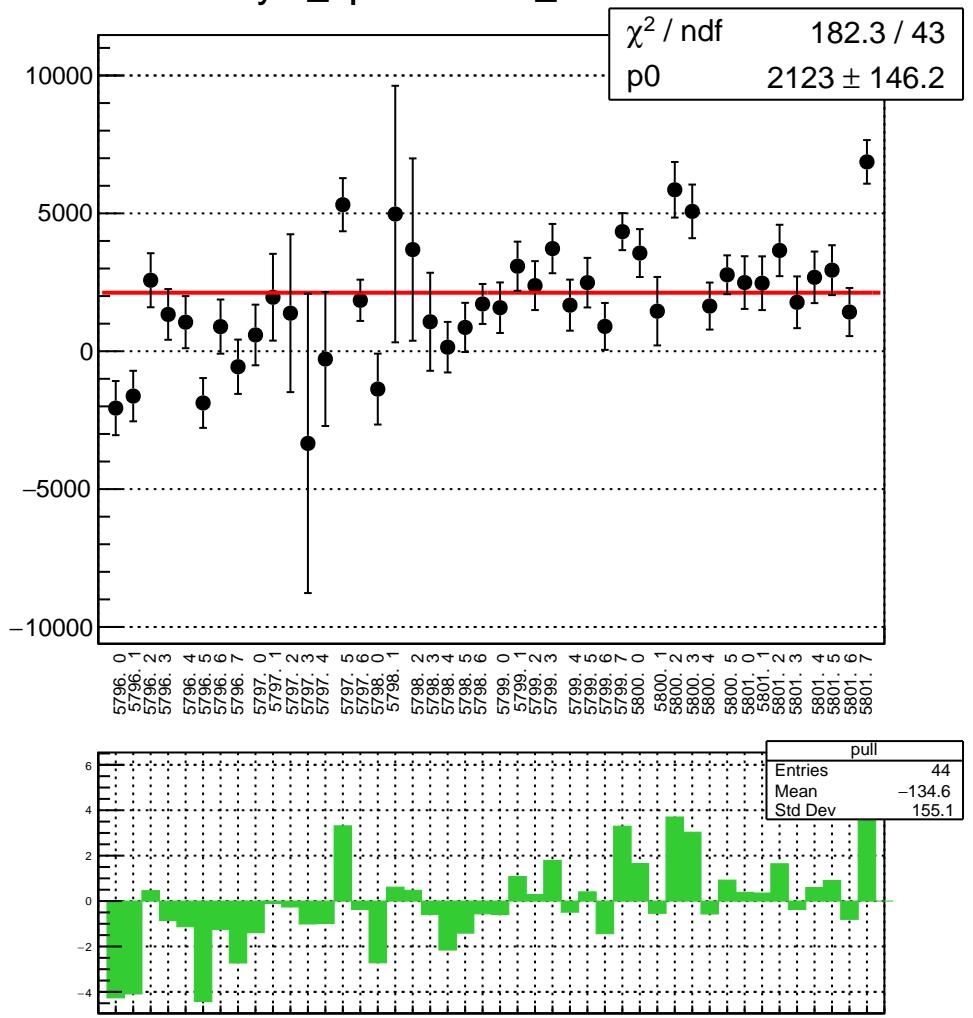
Entries	44
Mean	63.15
Std Dev	38.9



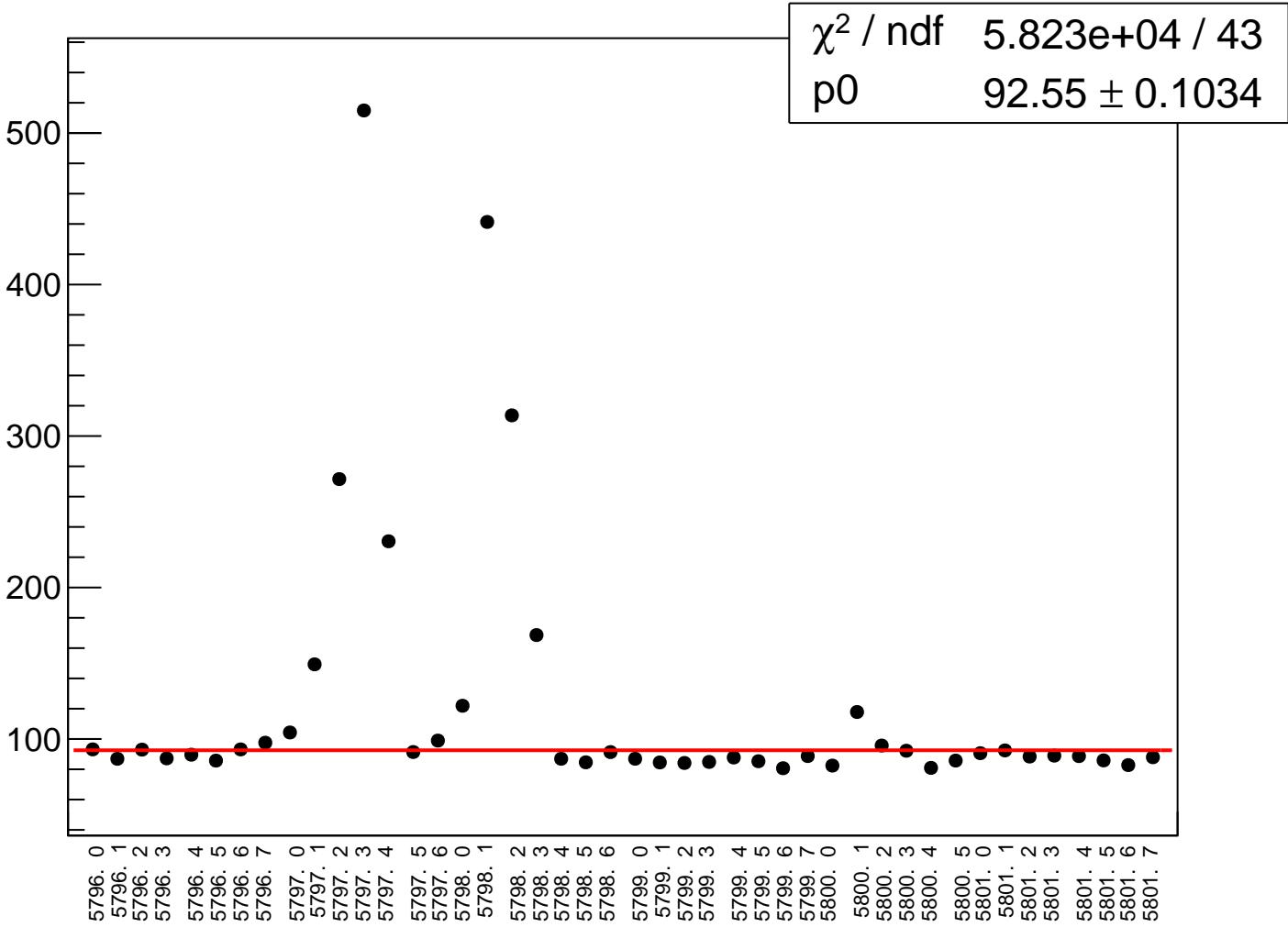
# asym\_bpm0i07WS\_rms vs run



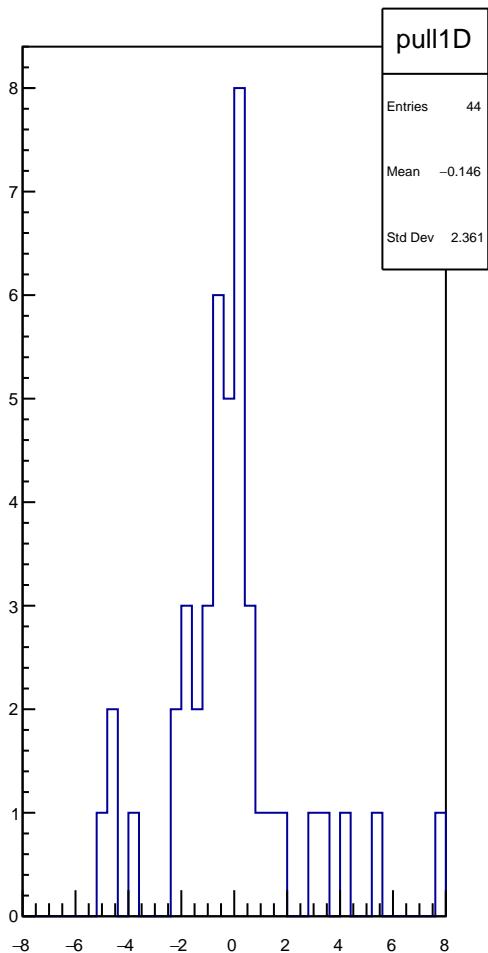
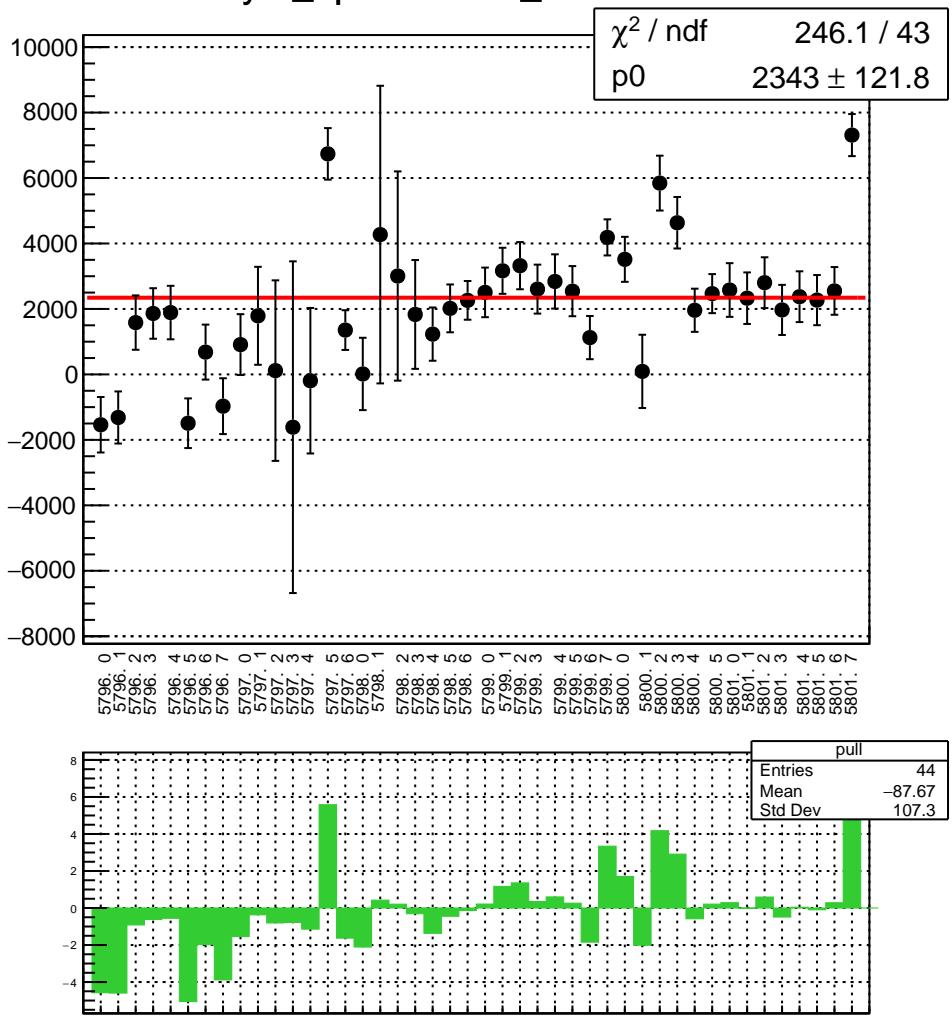
# asym\_bpm1i02WS\_mean vs run



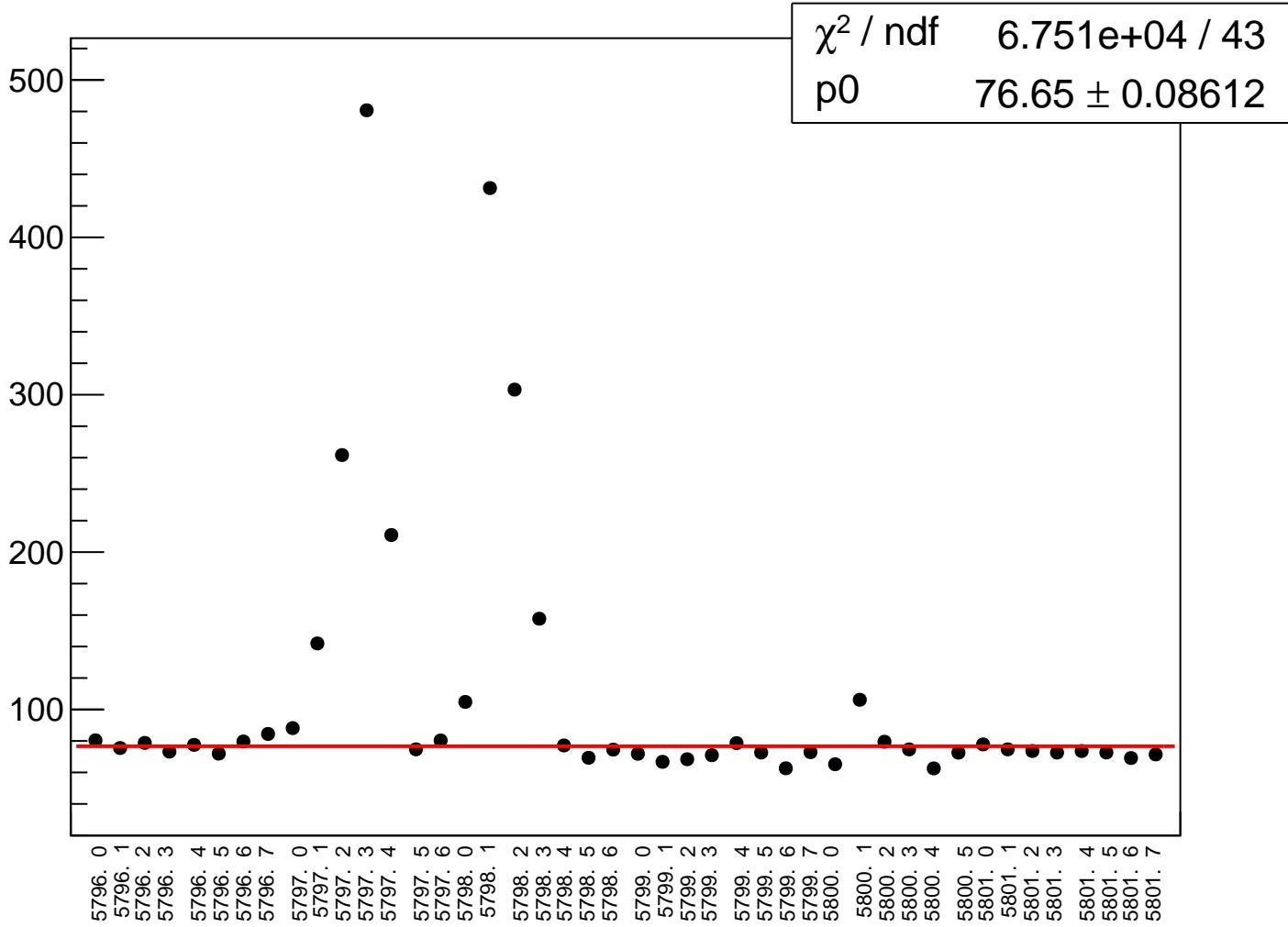
# asym\_bpm1i02WS\_rms vs run



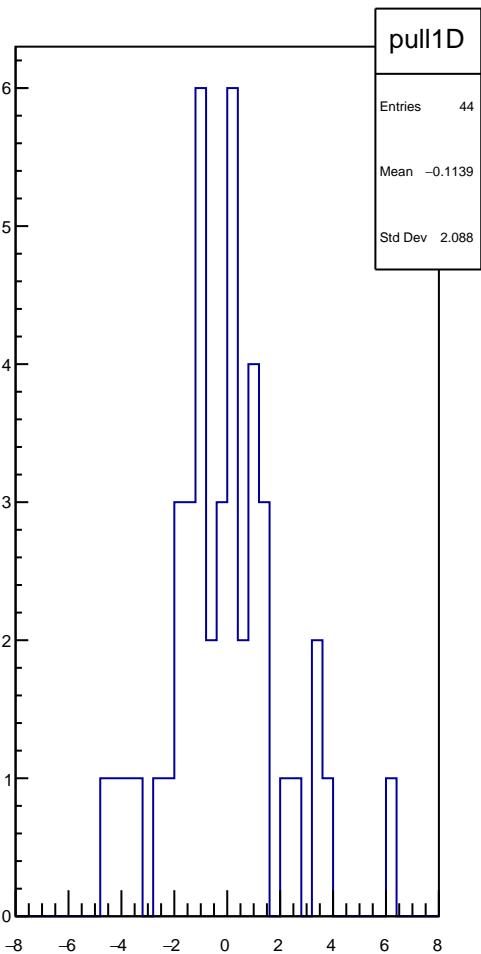
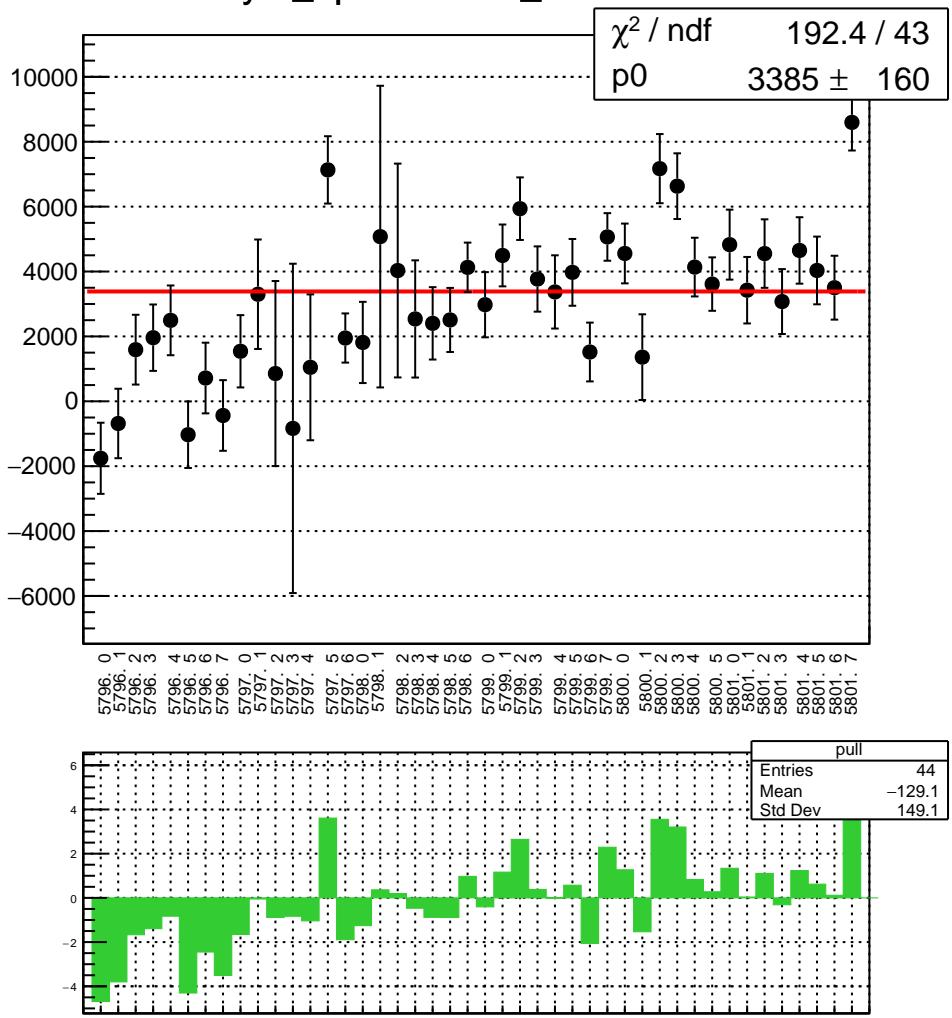
# asym\_bpm1i04WS\_mean vs run



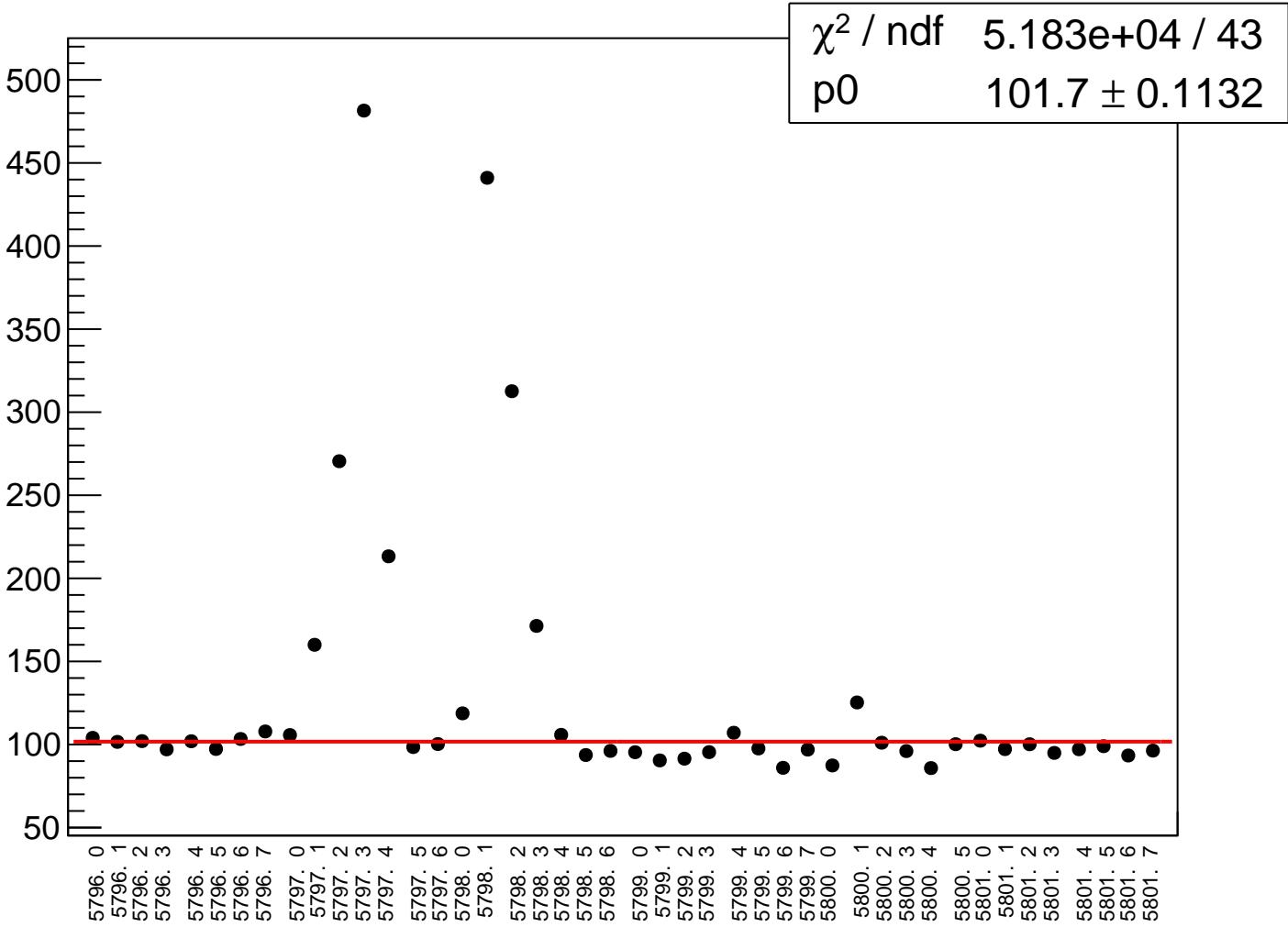
# asym\_bpm1i04WS\_rms vs run



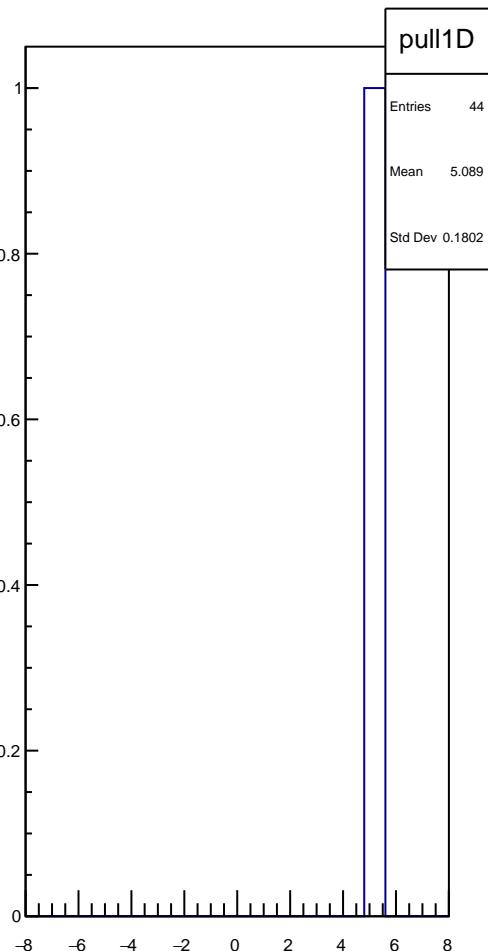
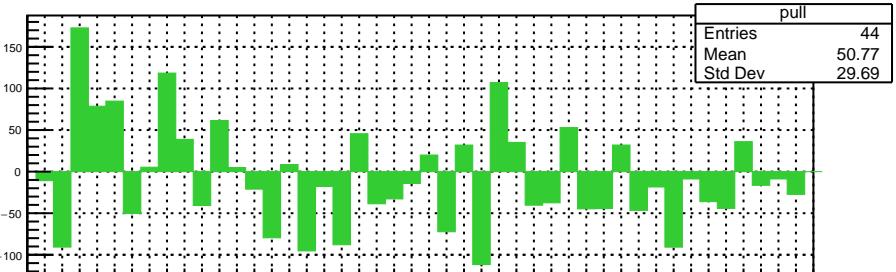
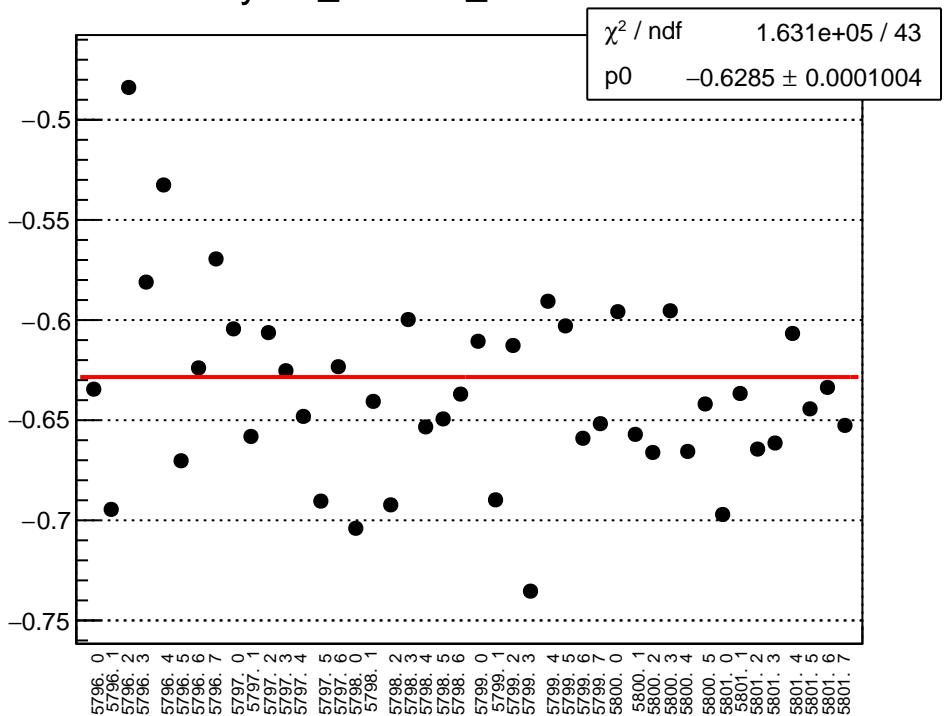
# asym\_bpm1i06WS\_mean vs run



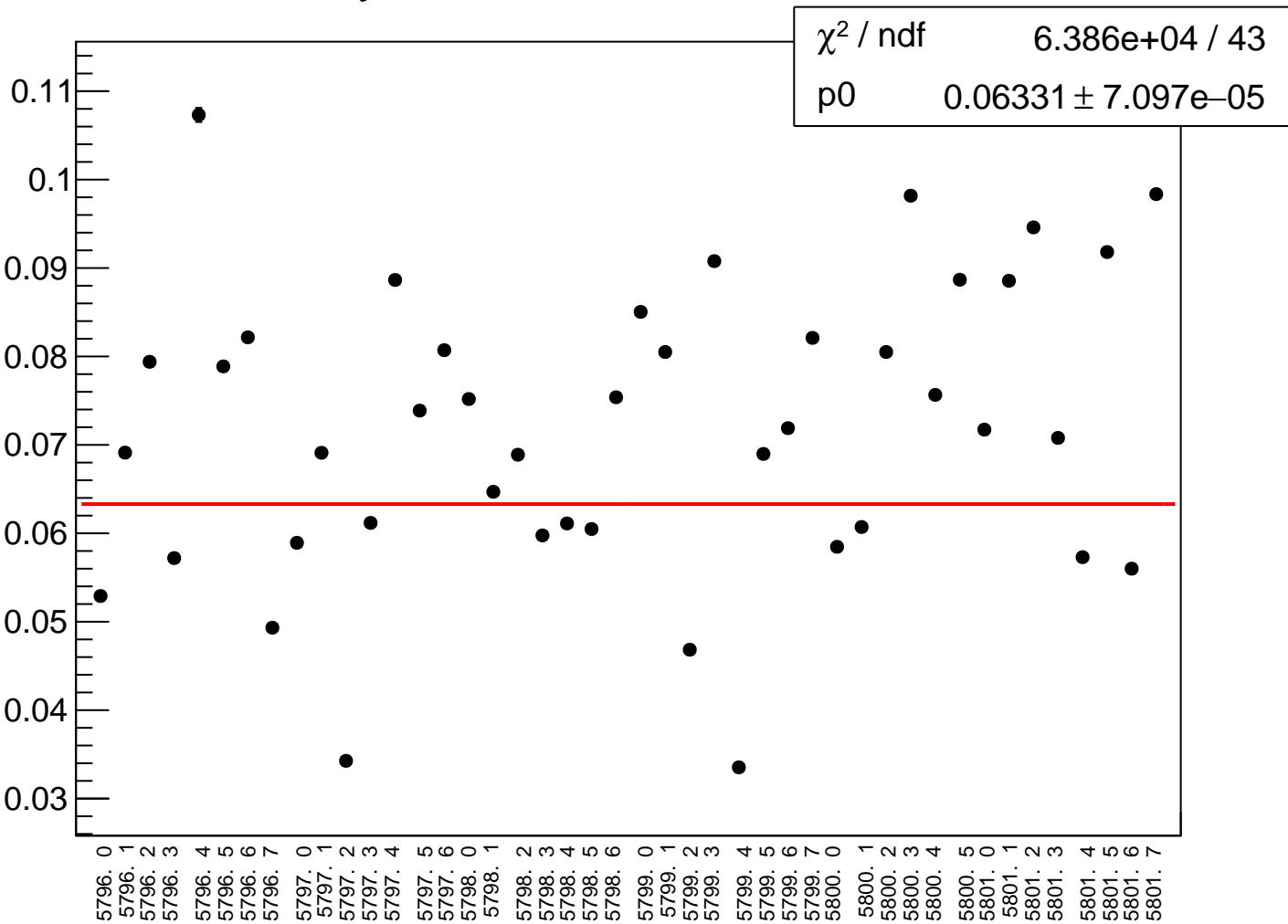
# asym\_bpm1i06WS\_rms vs run



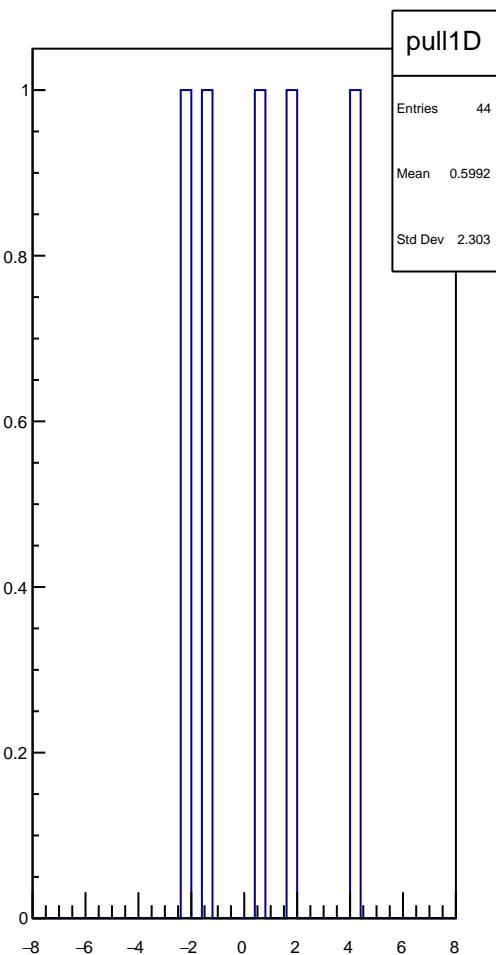
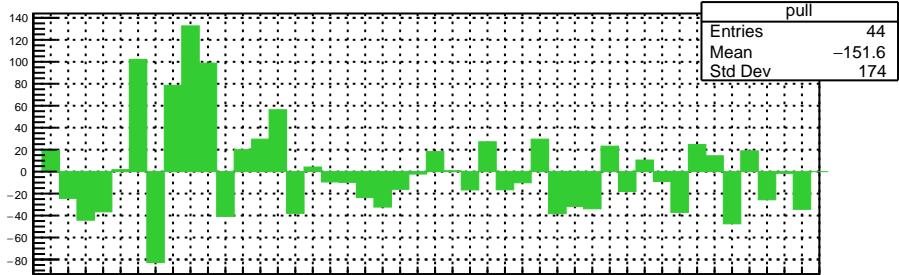
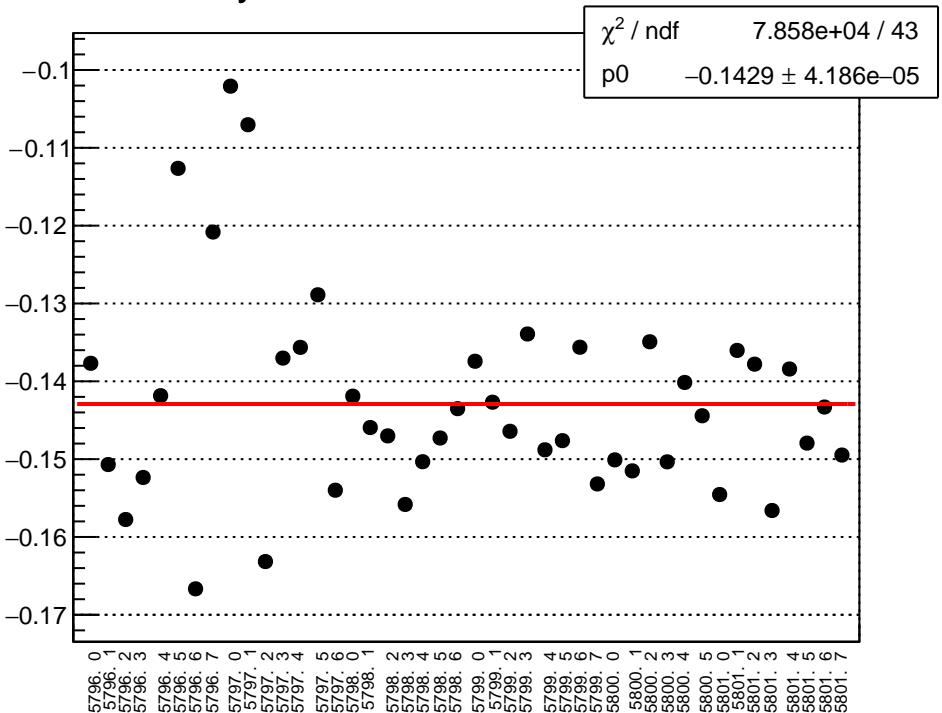
# yield\_cav4bX\_mean vs run



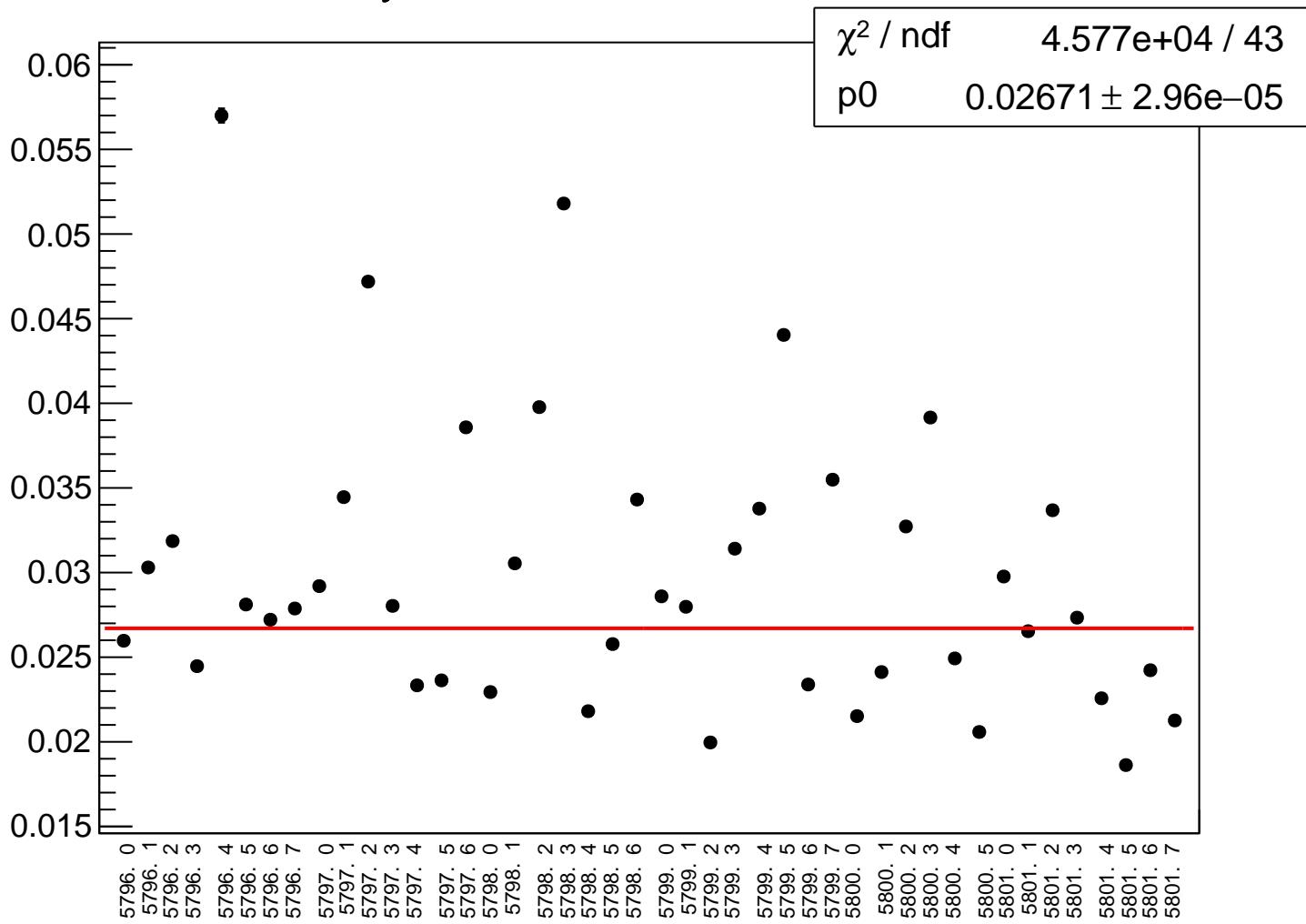
# yield\_cav4bX\_rms vs run



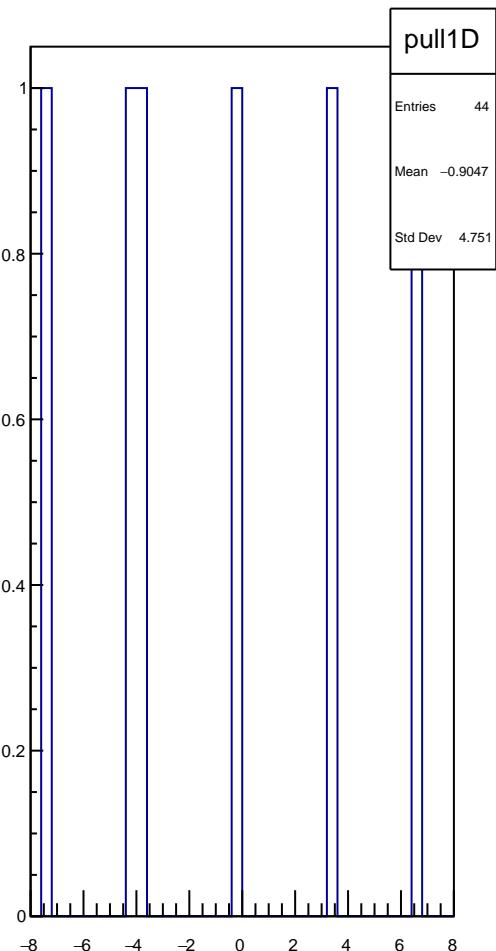
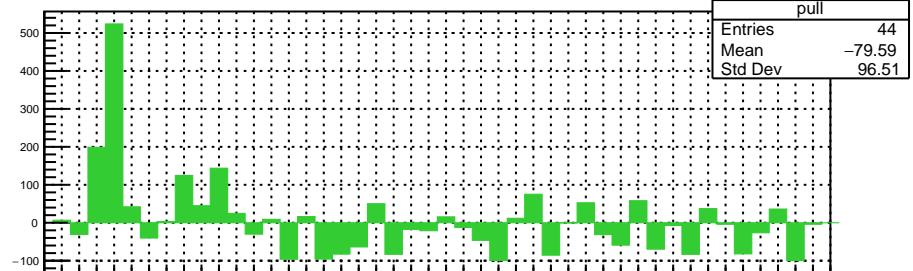
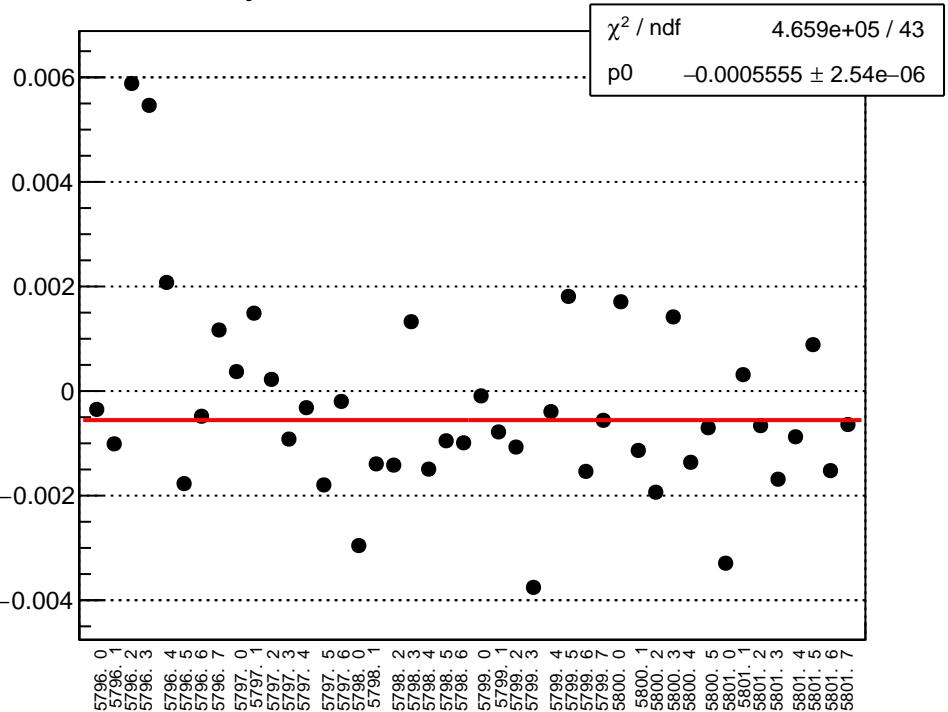
# yield\_cav4bY\_mean vs run



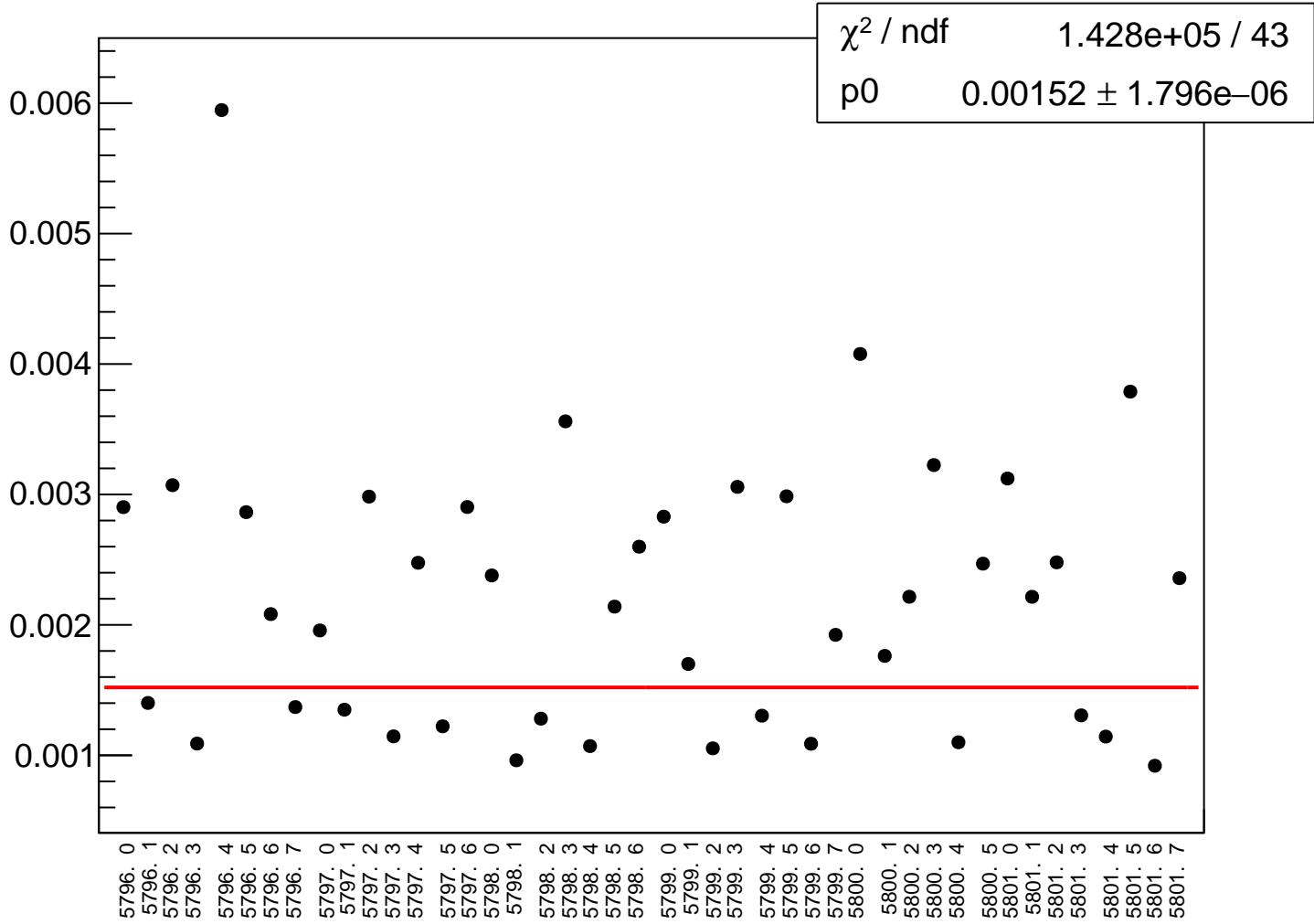
# yield\_cav4bY\_rms vs run



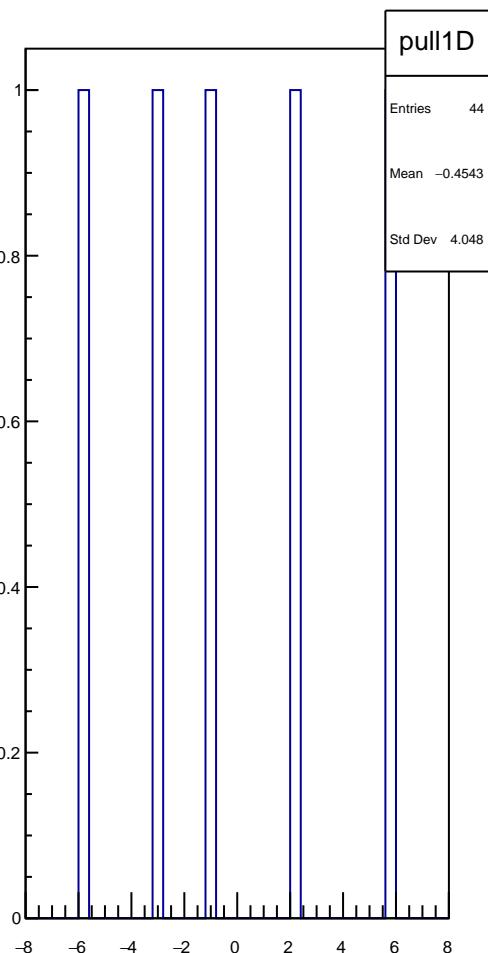
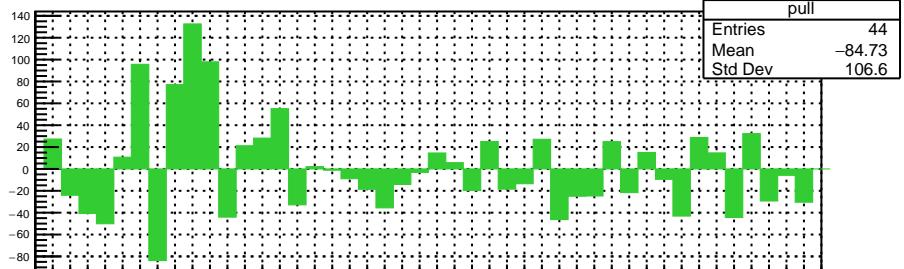
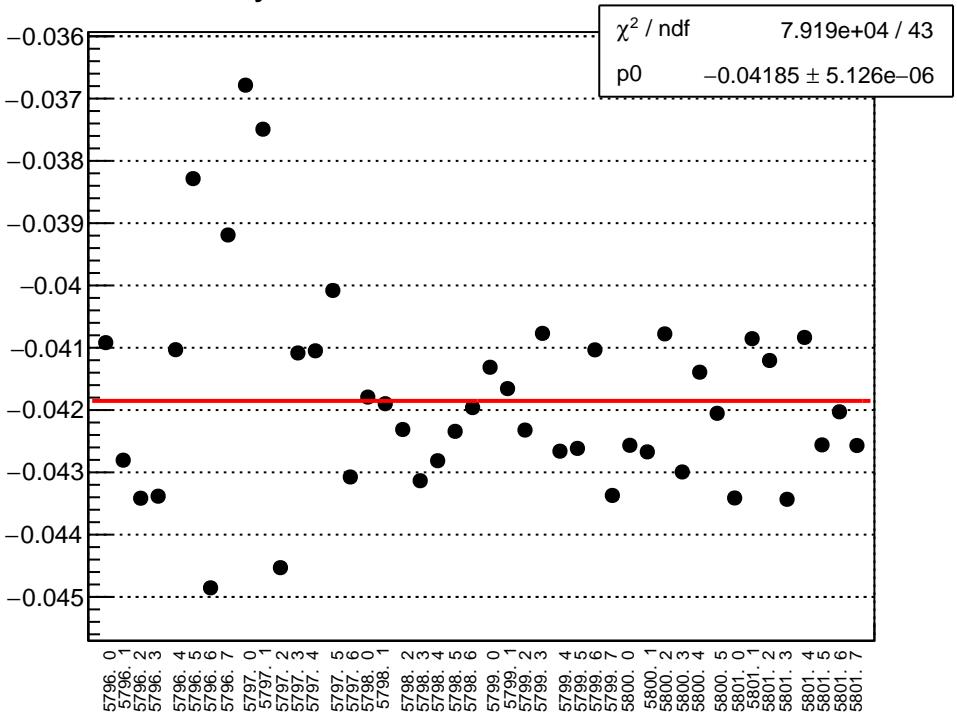
# yield\_cav4cX\_mean vs run



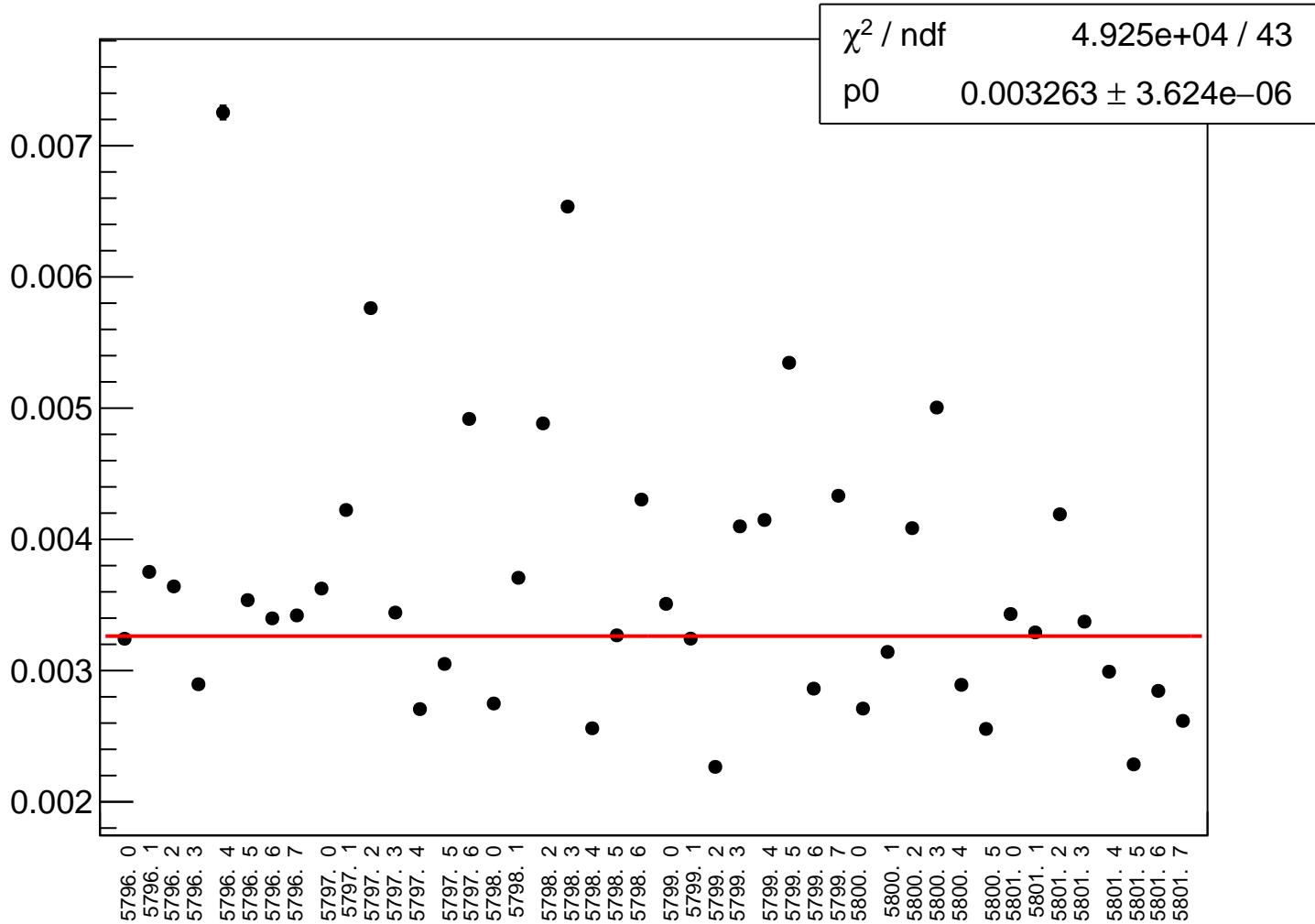
# yield\_cav4cX\_rms vs run



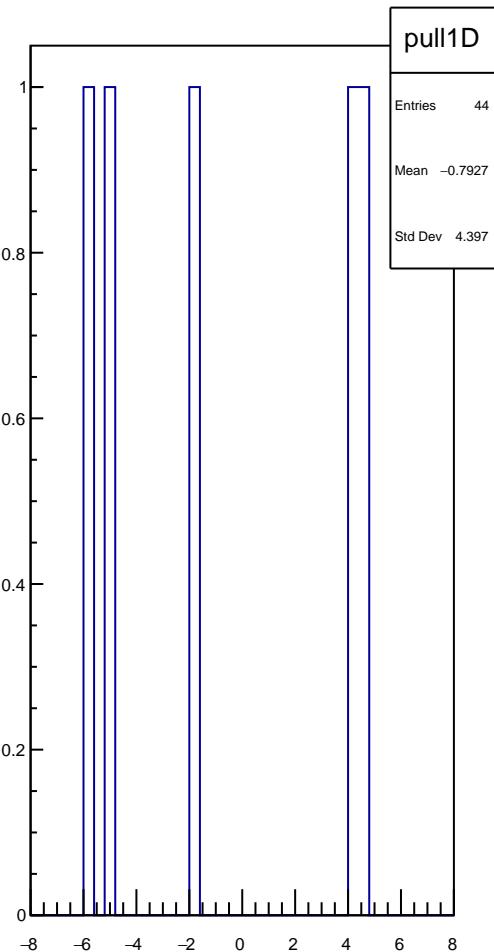
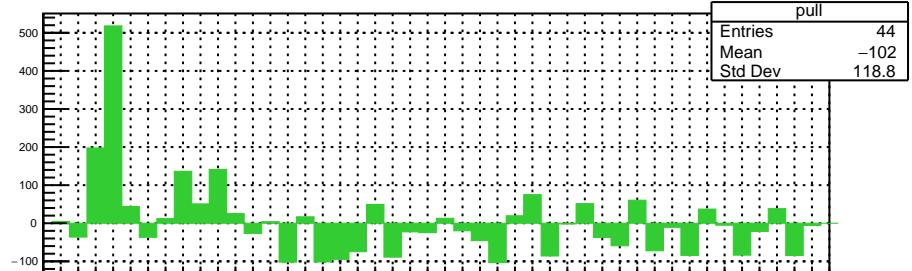
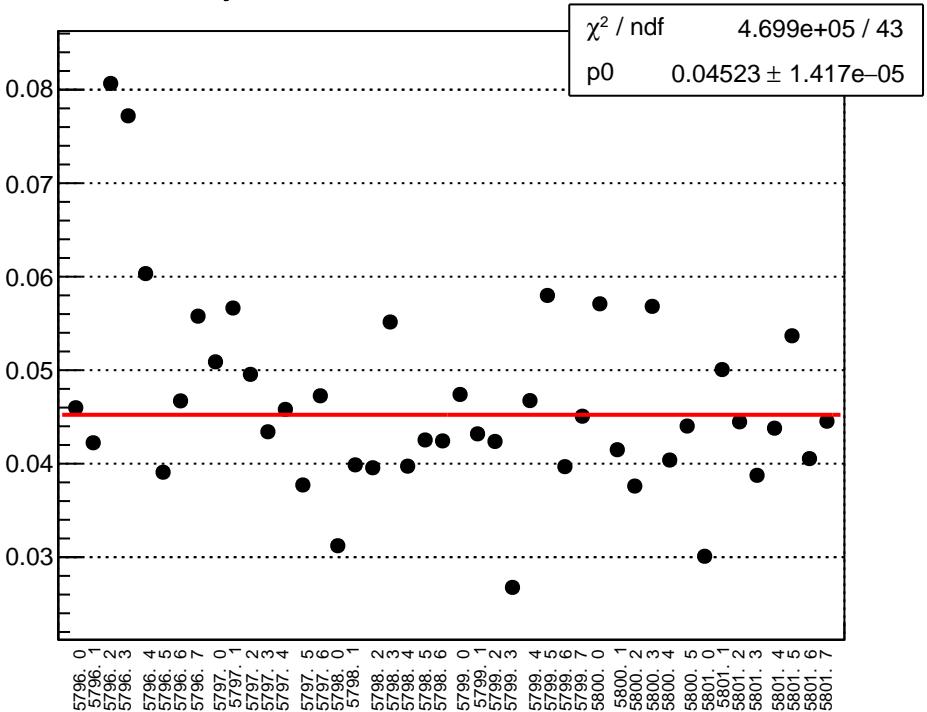
# yield\_cav4cY\_mean vs run



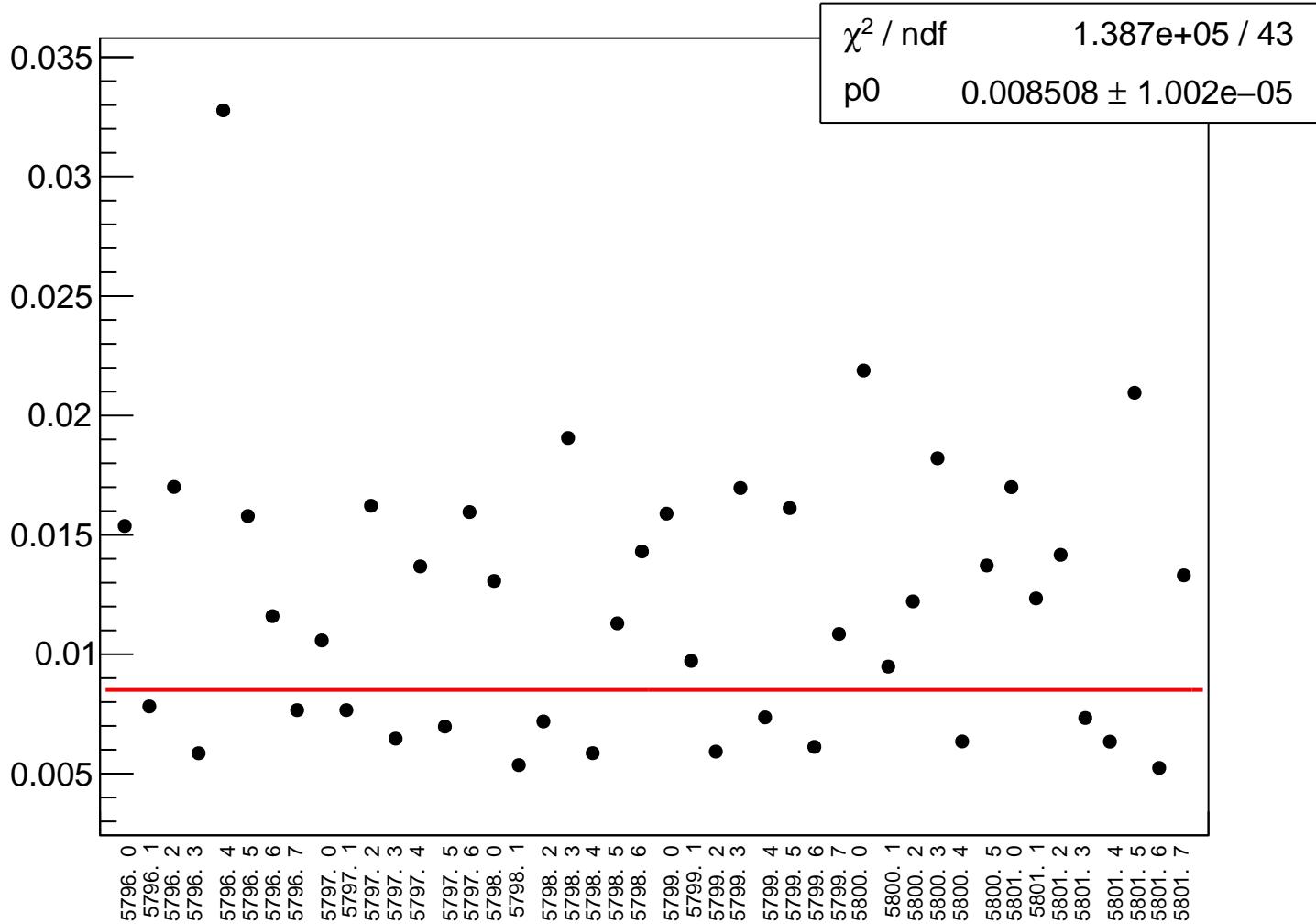
# yield\_cav4cY\_rms vs run



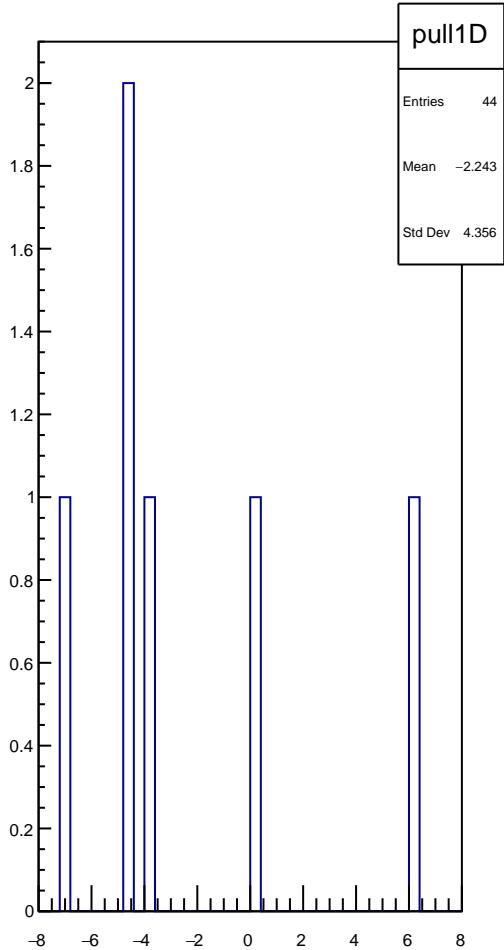
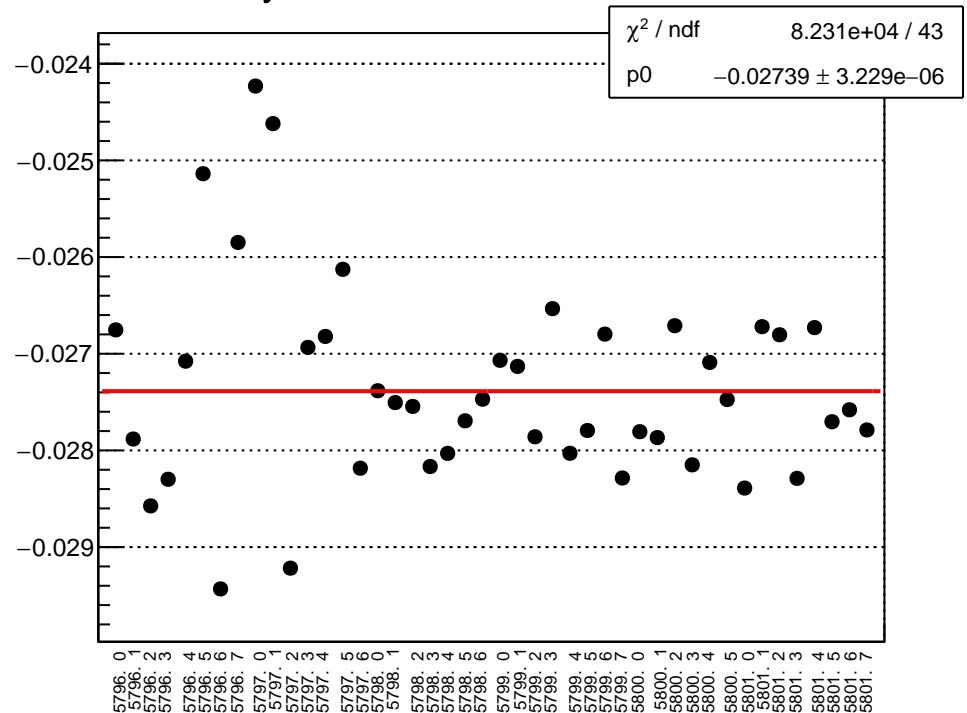
# yield\_cav4dX\_mean vs run



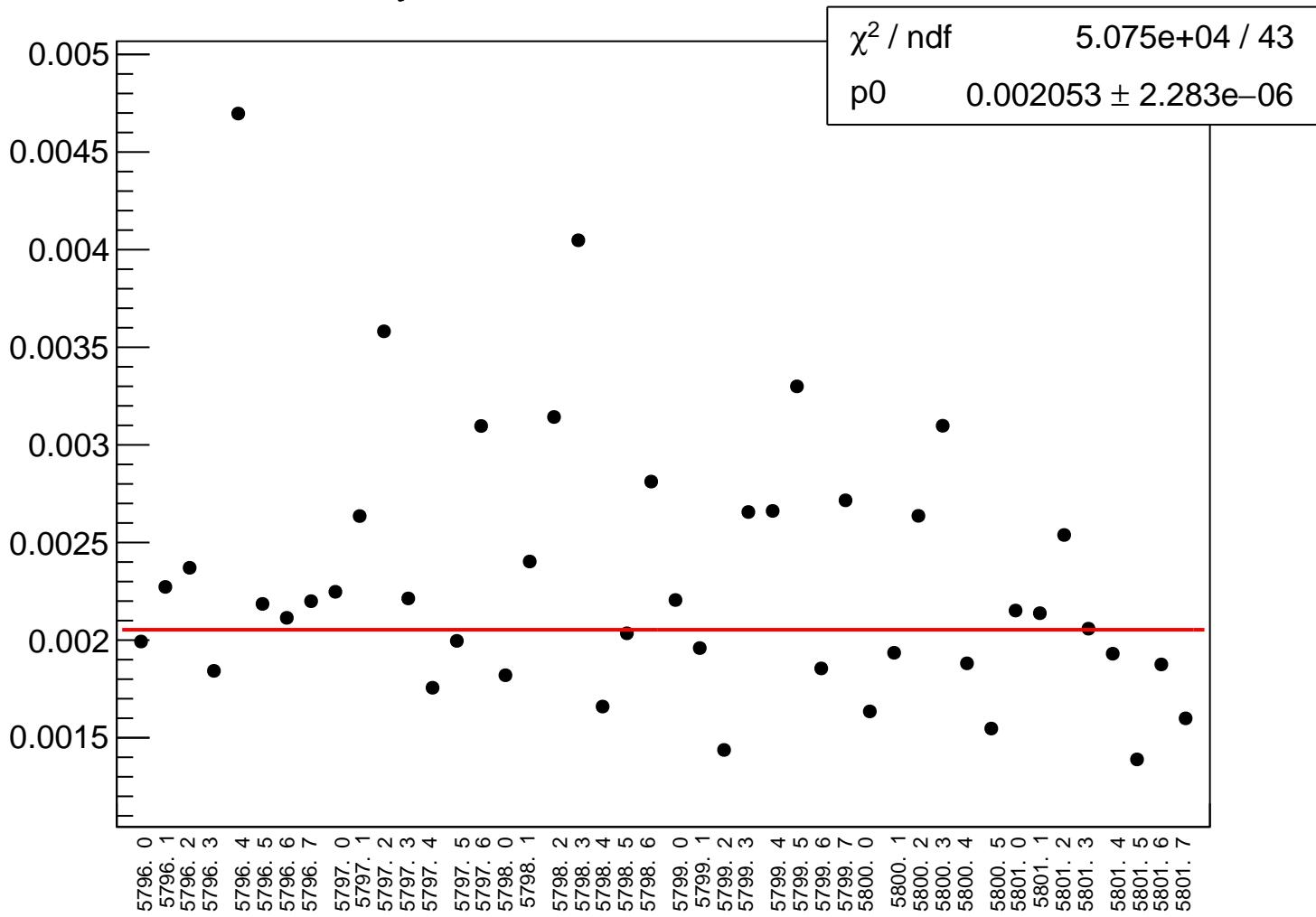
# yield\_cav4dX\_rms vs run



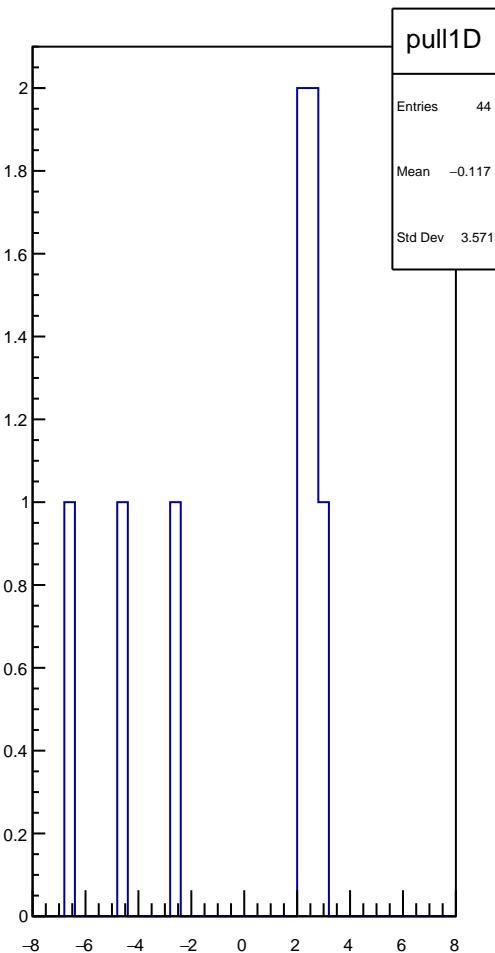
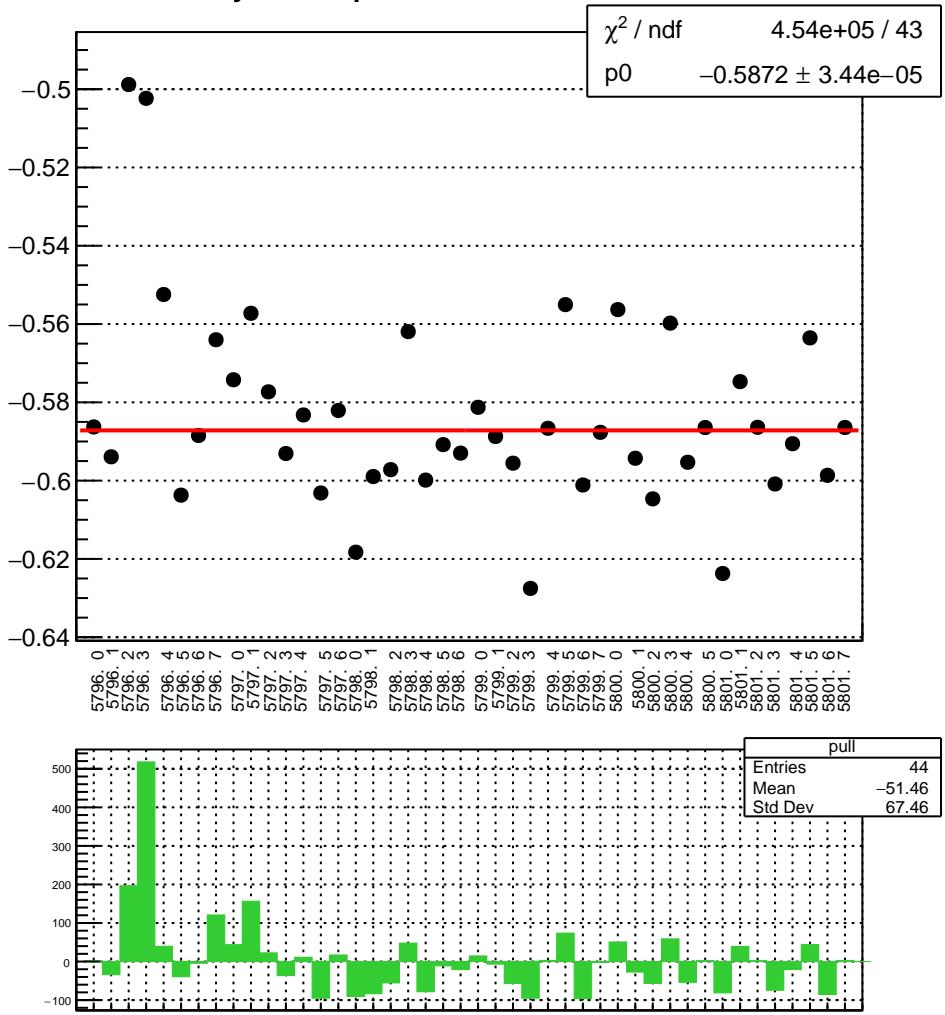
# yield\_cav4dY\_mean vs run



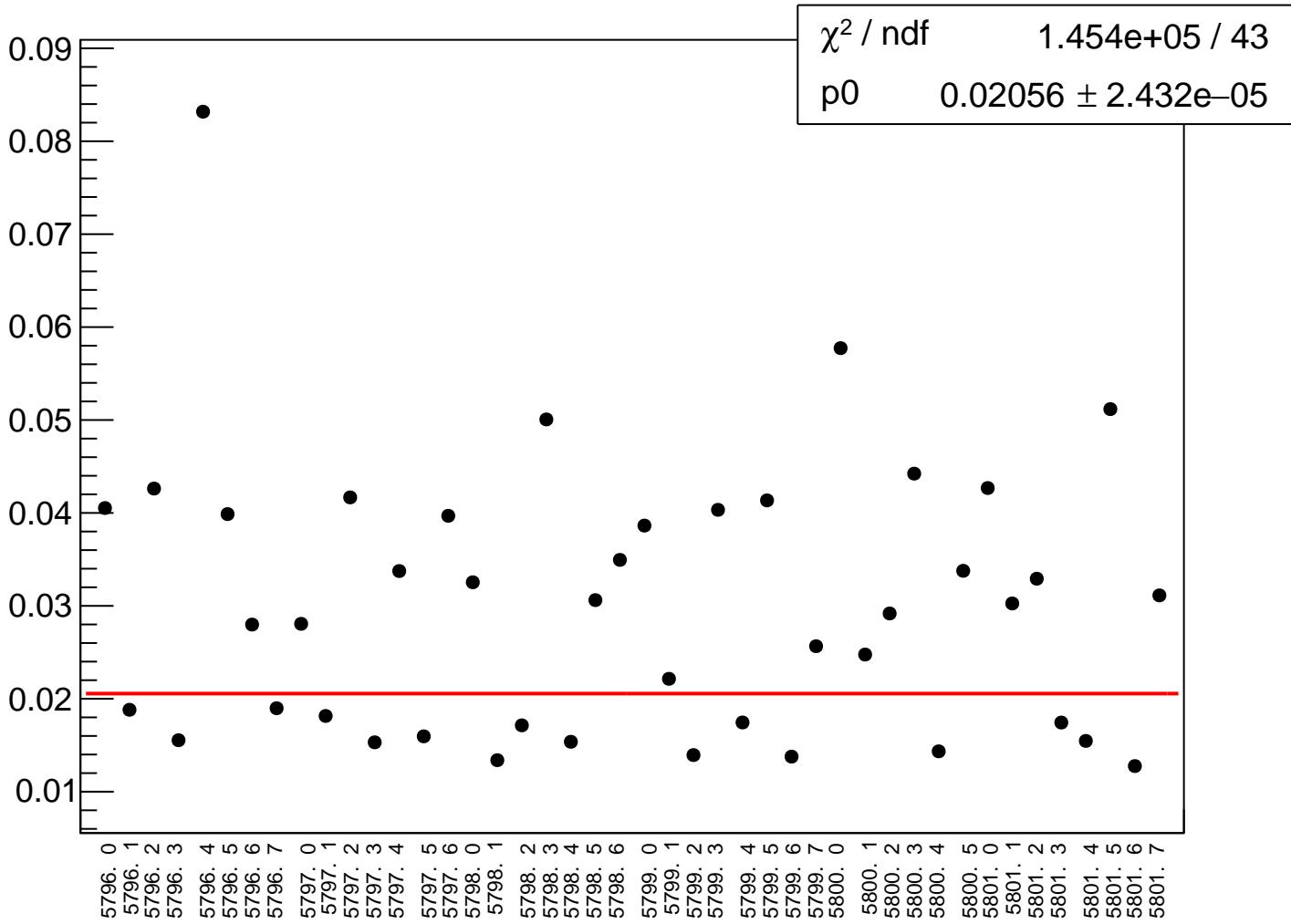
# yield\_cav4dY\_rms vs run



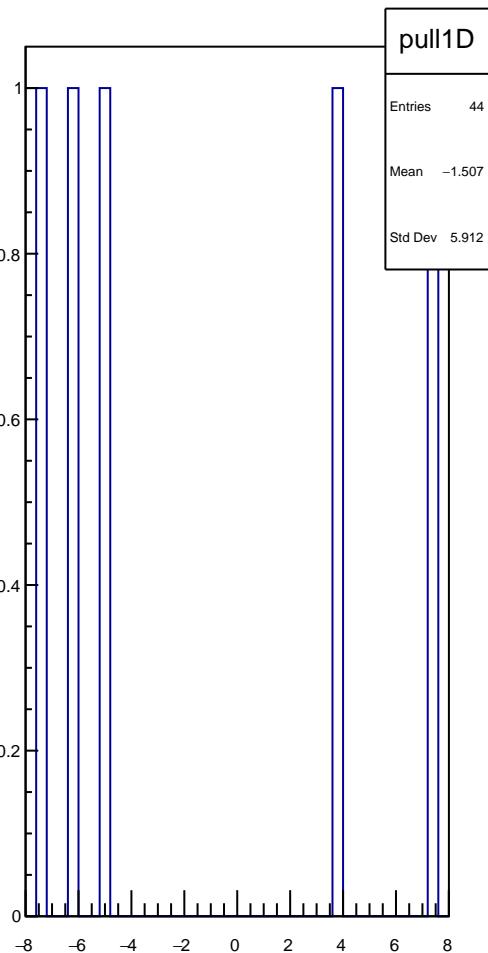
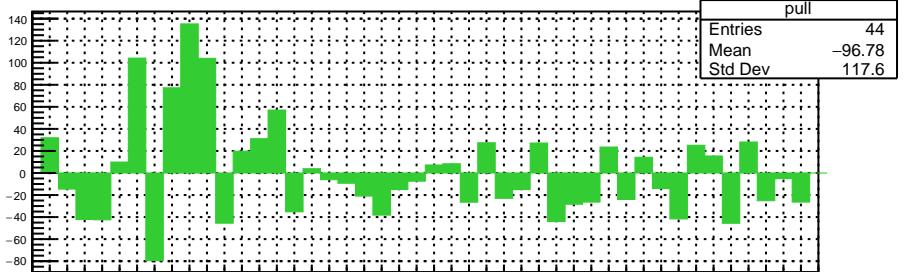
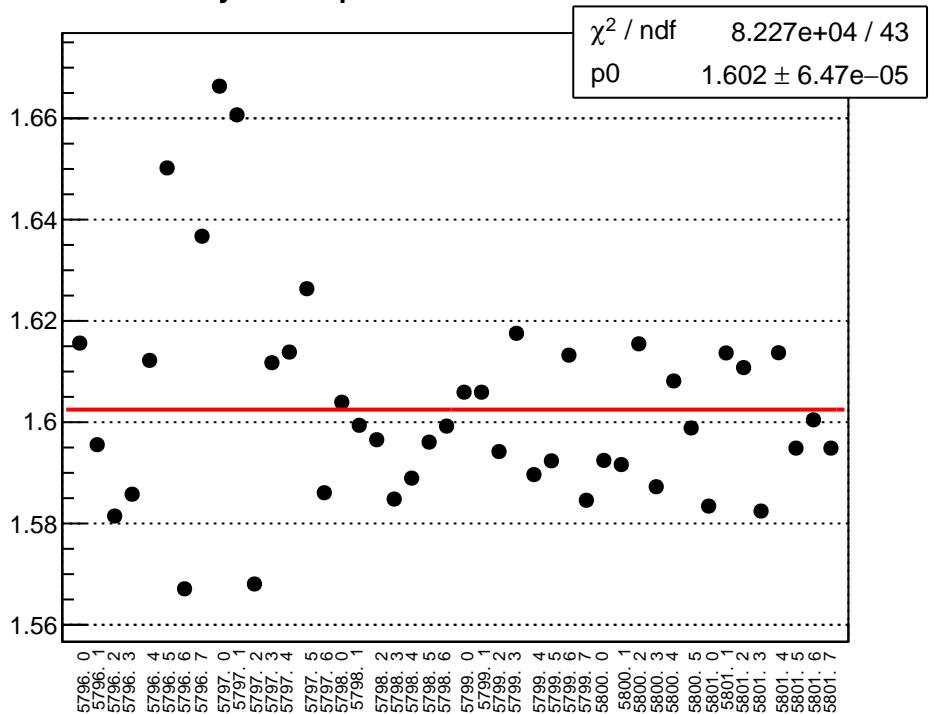
# yield\_bpm4aX\_mean vs run



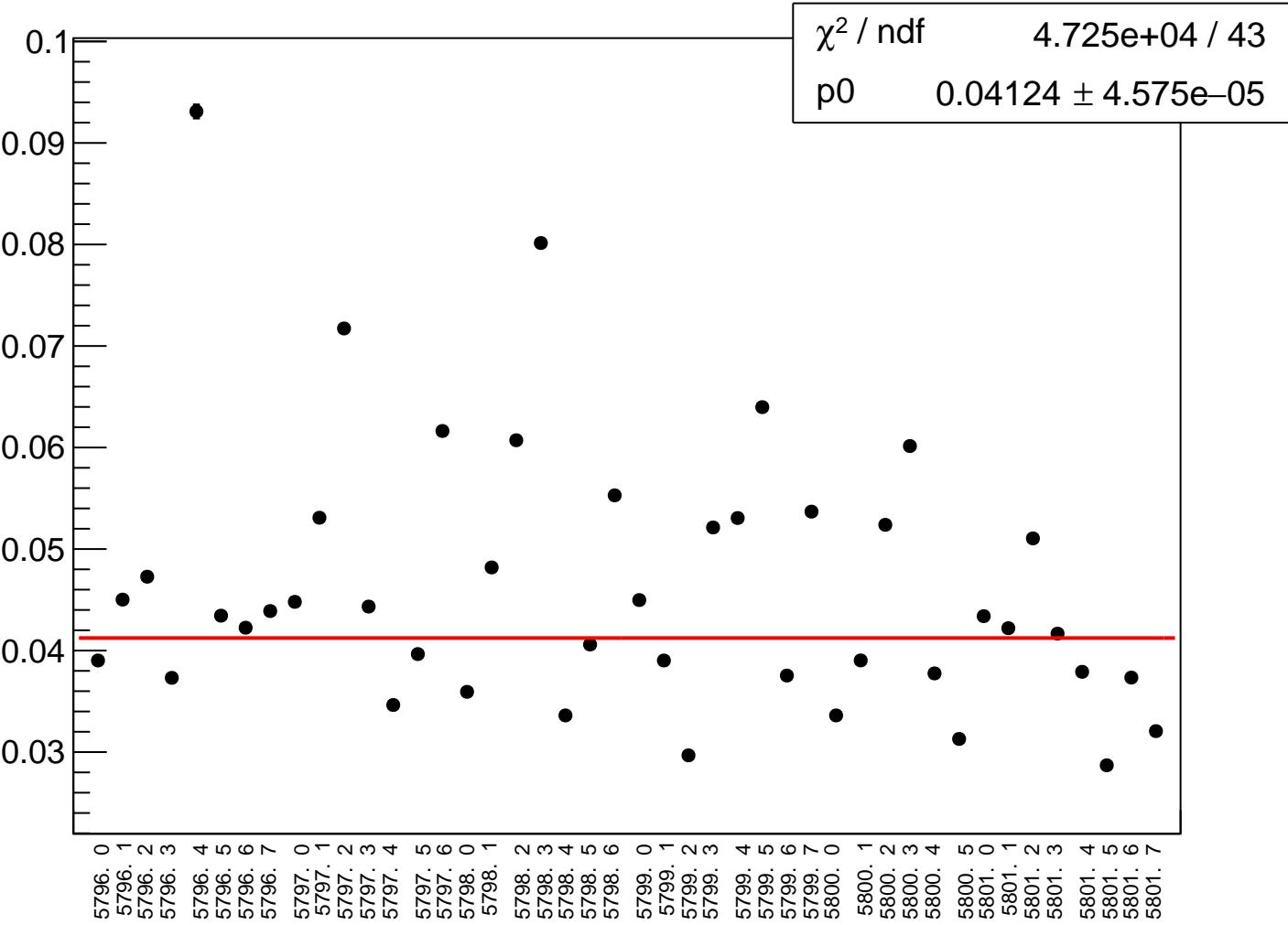
# yield\_bpm4aX\_rms vs run



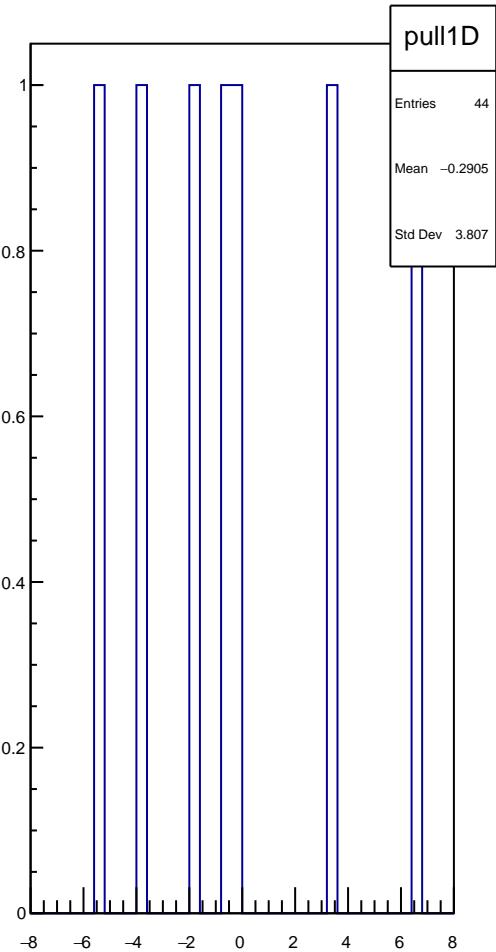
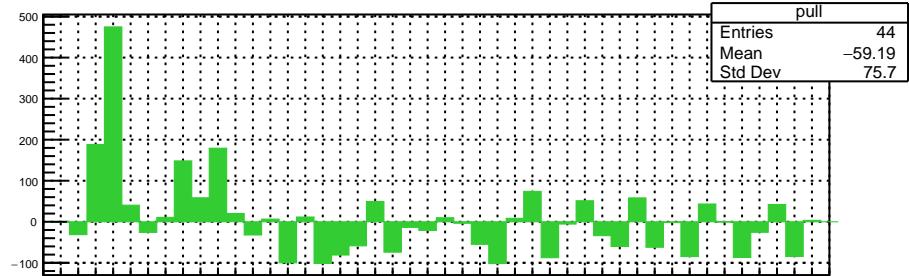
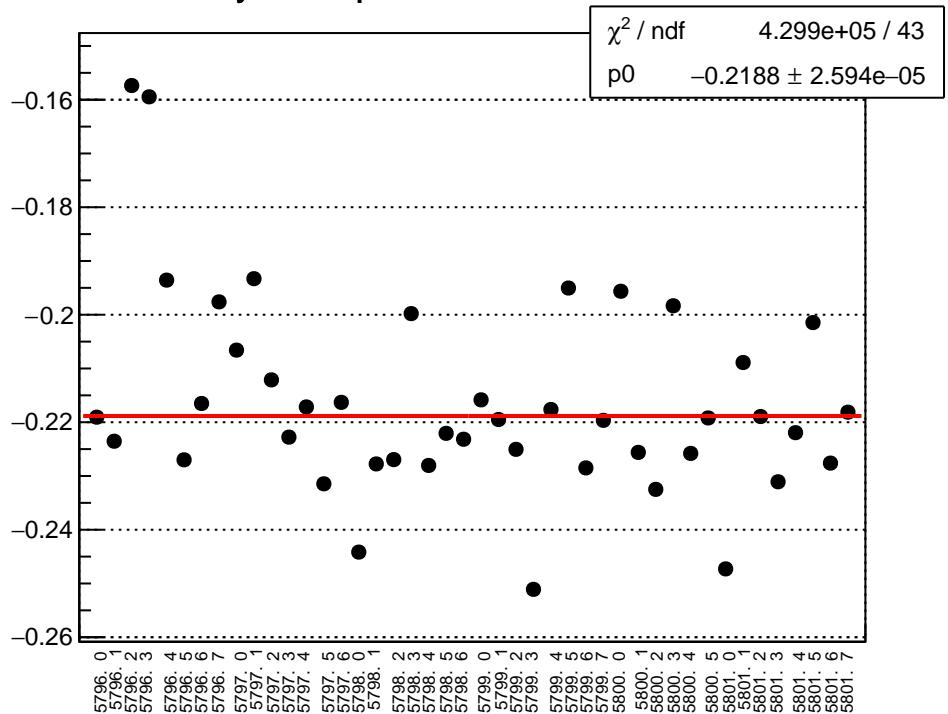
# yield\_bpm4aY\_mean vs run



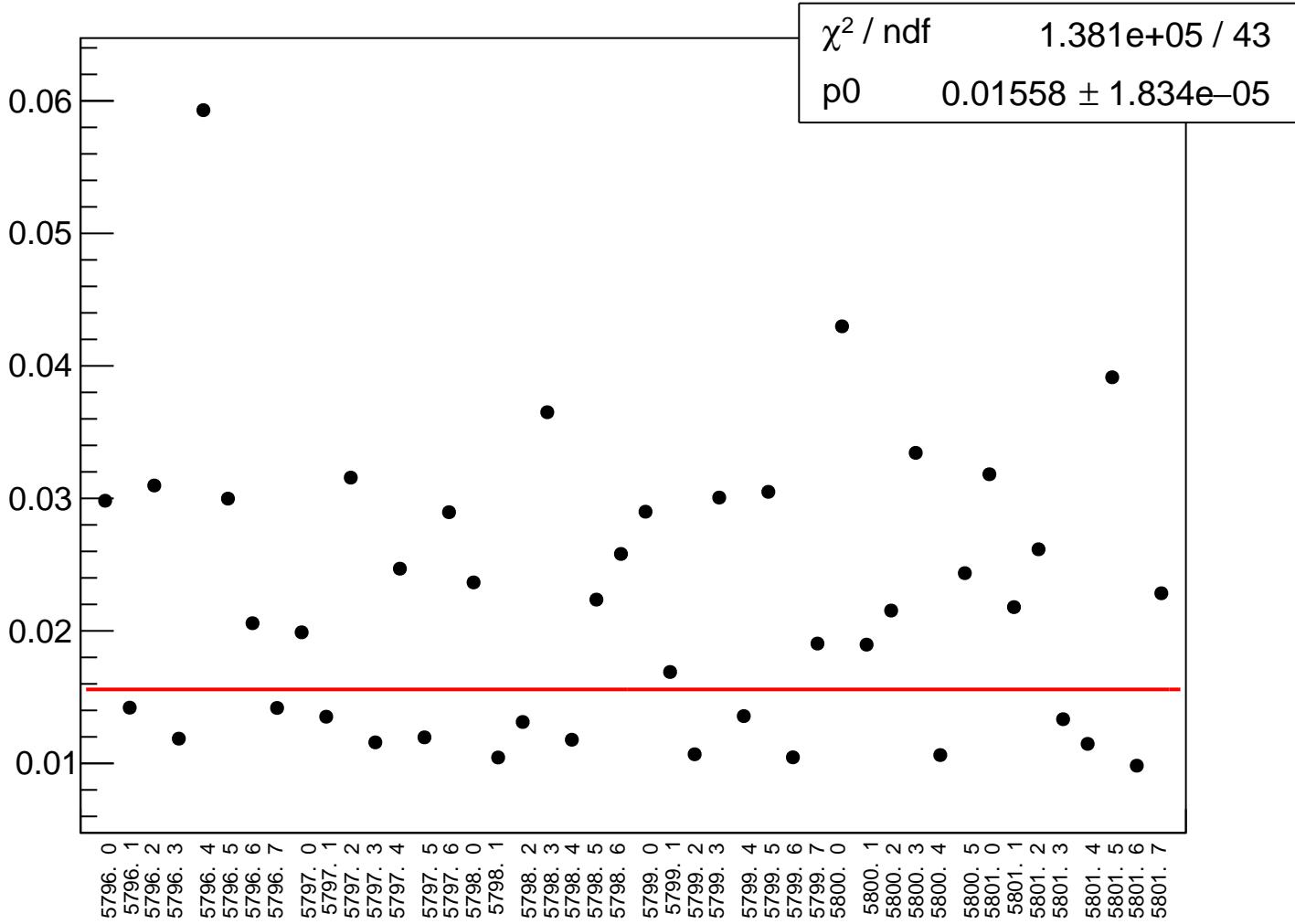
# yield\_bpm4aY\_rms vs run



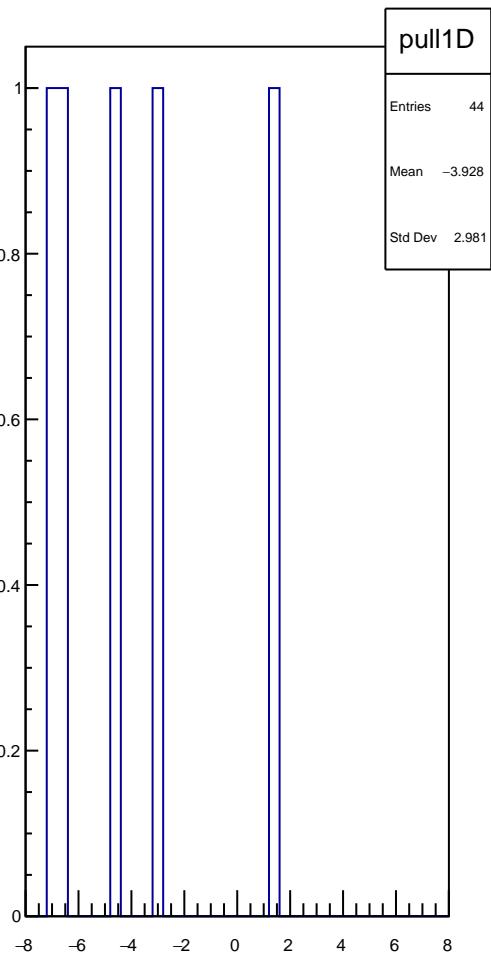
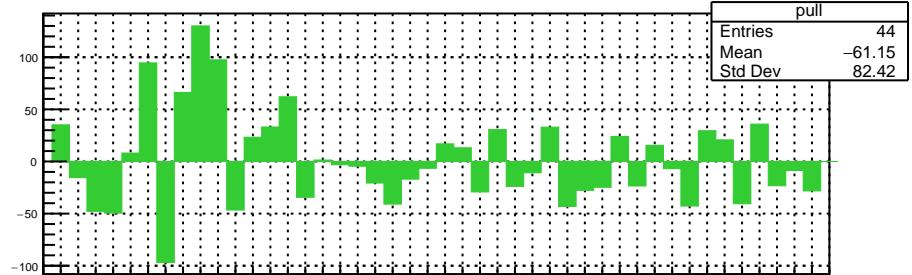
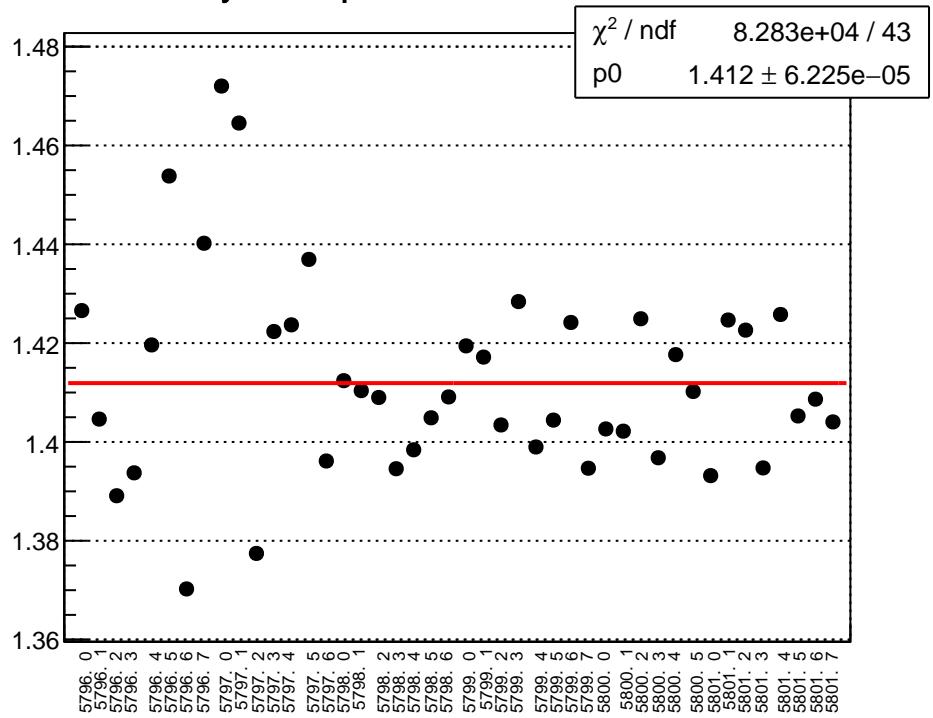
# yield\_bpm4eX\_mean vs run



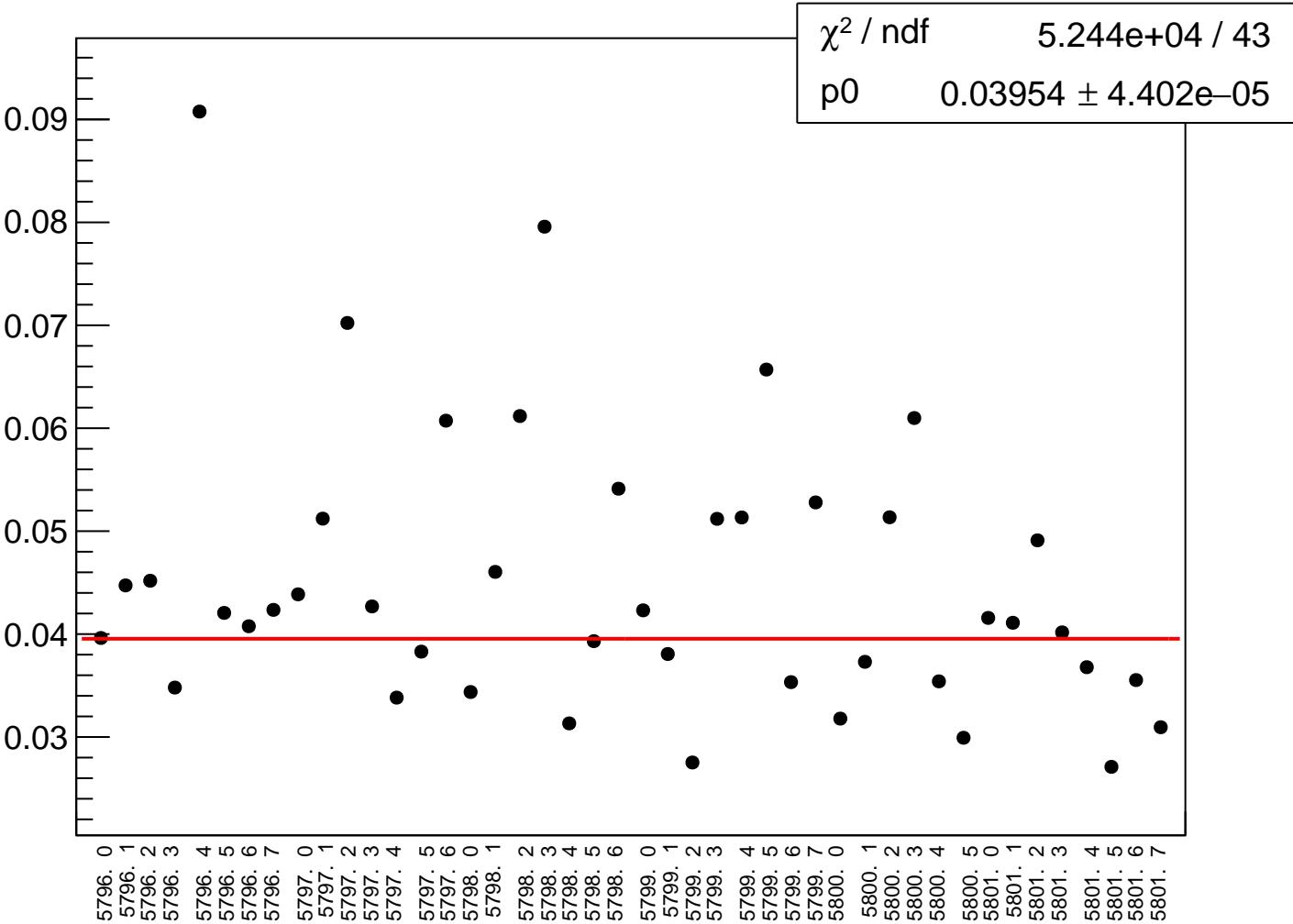
# yield\_bpm4eX\_rms vs run



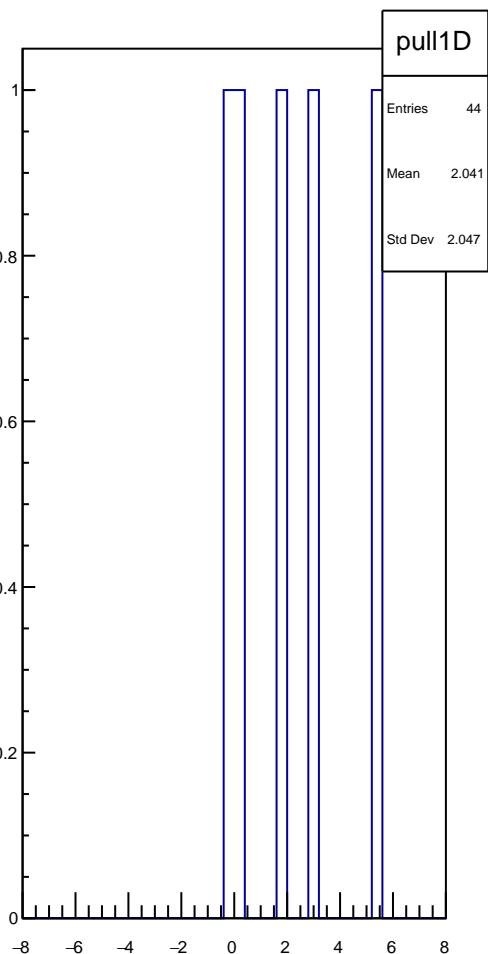
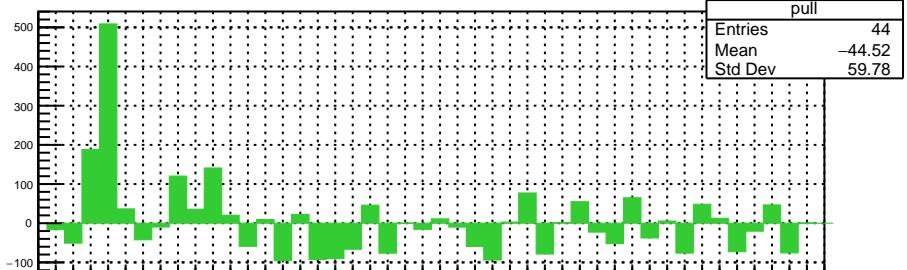
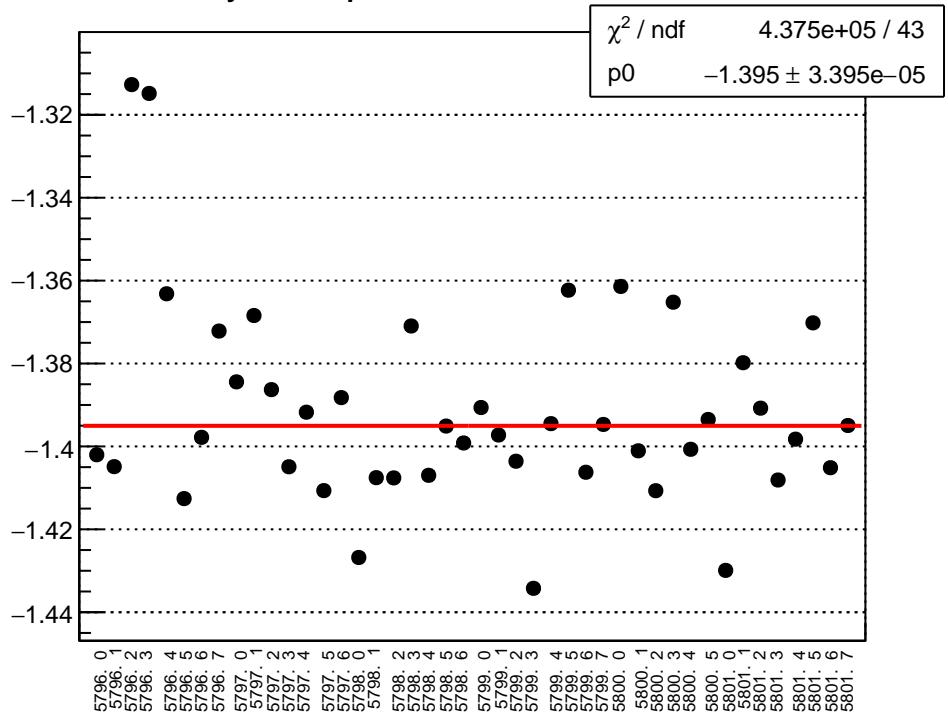
# yield\_bpm4eY\_mean vs run



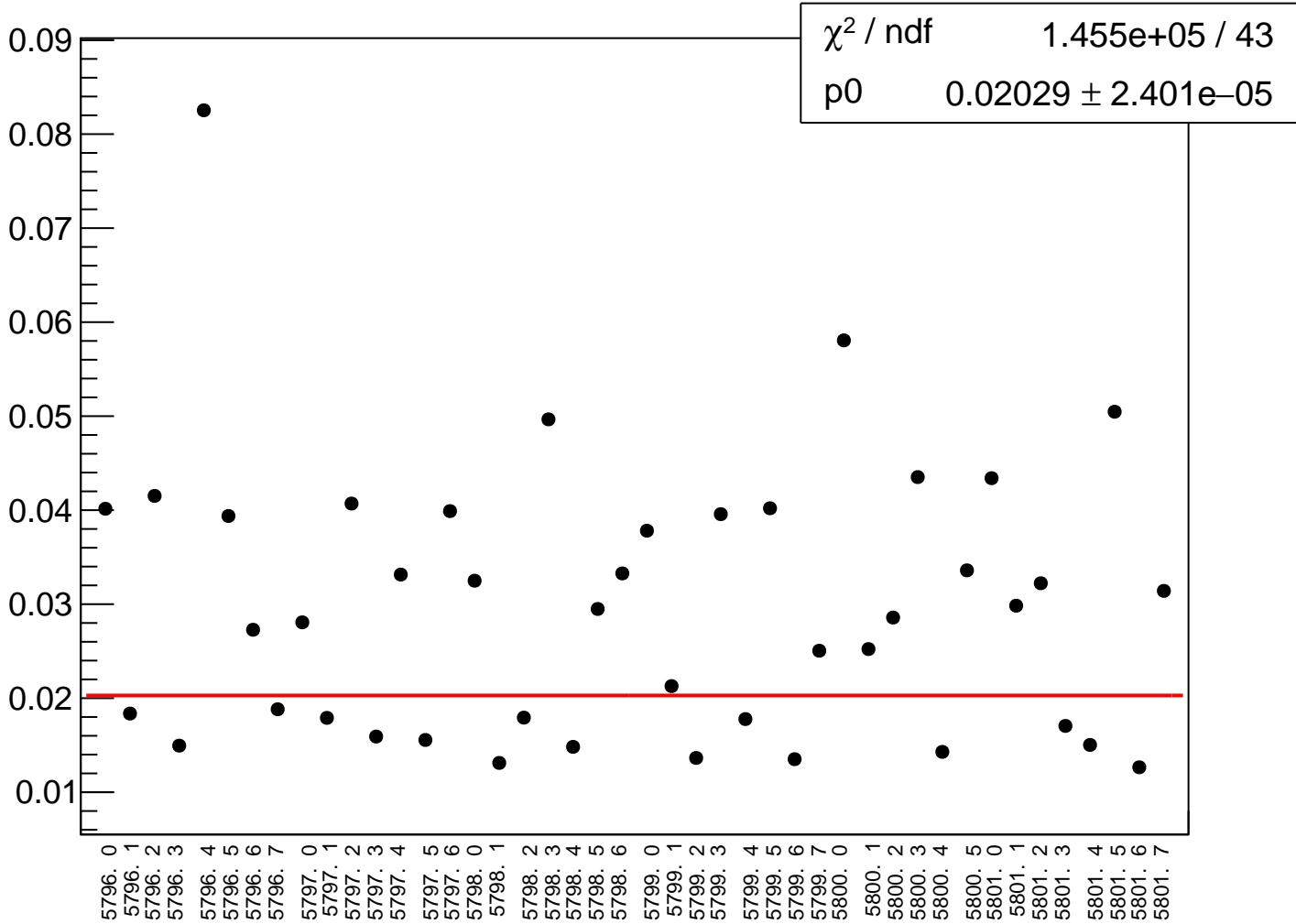
# yield\_bpm4eY\_rms vs run

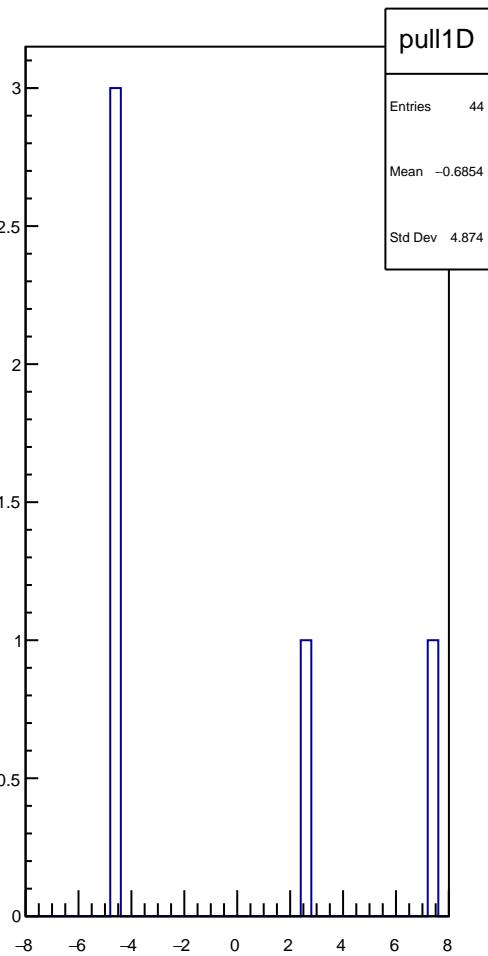
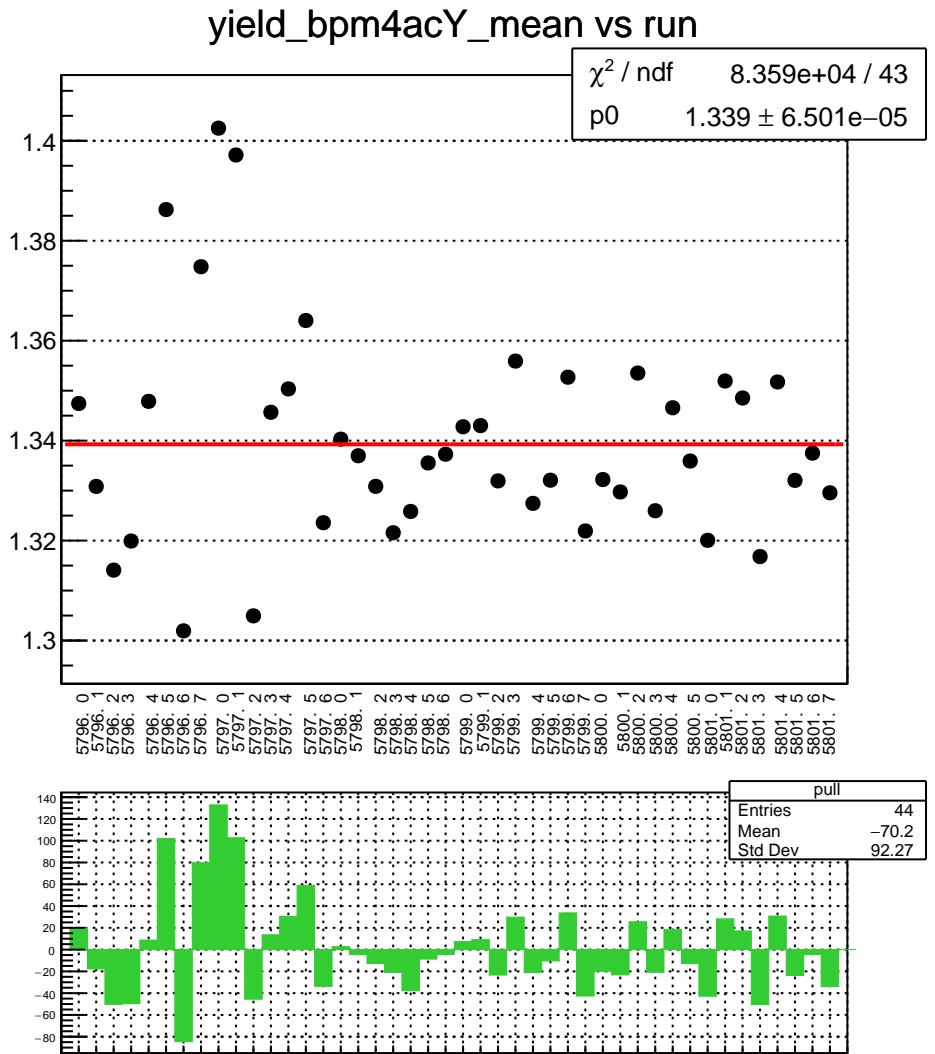


# yield\_bpm4acX\_mean vs run

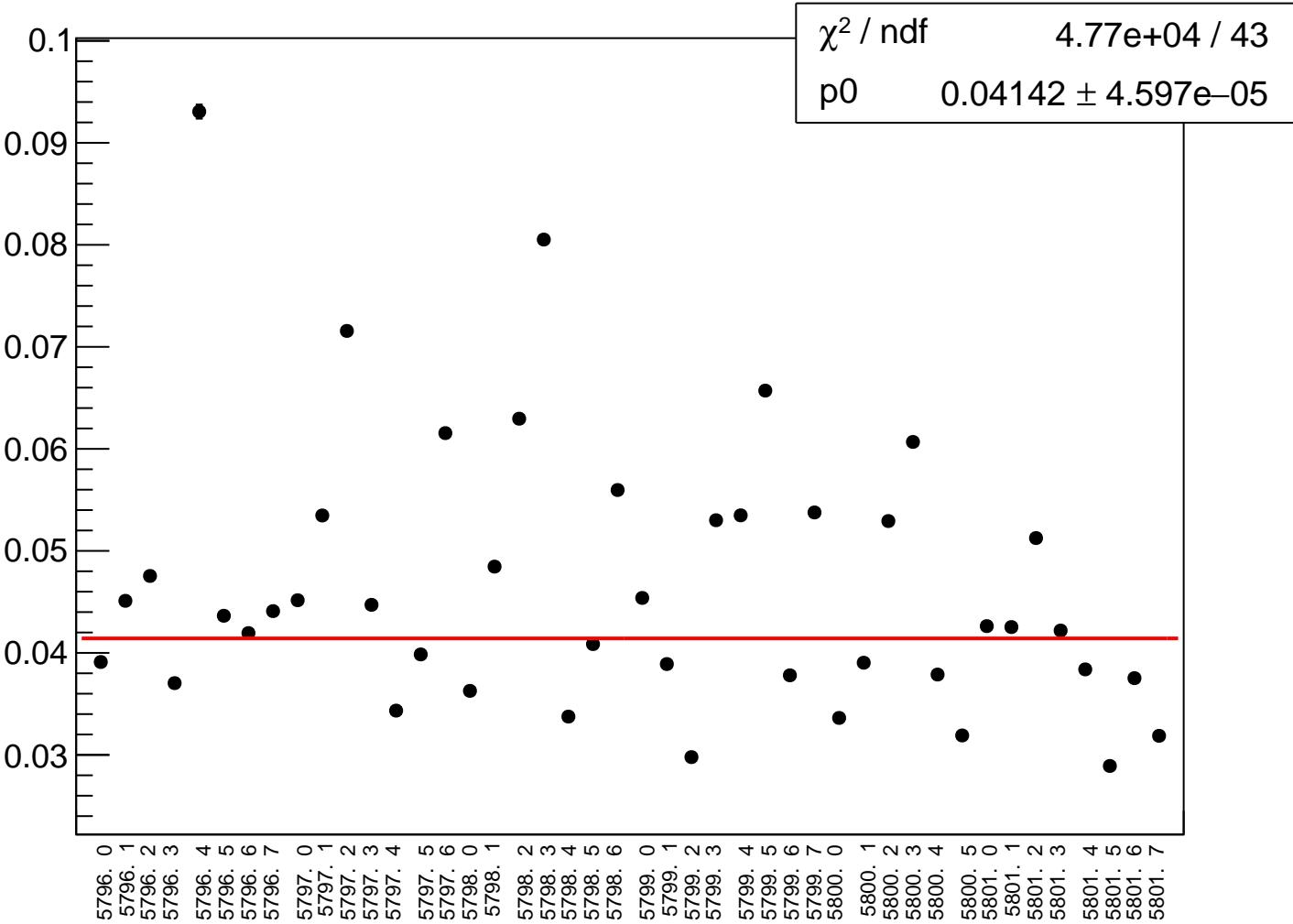


# yield\_bpm4acX\_rms vs run

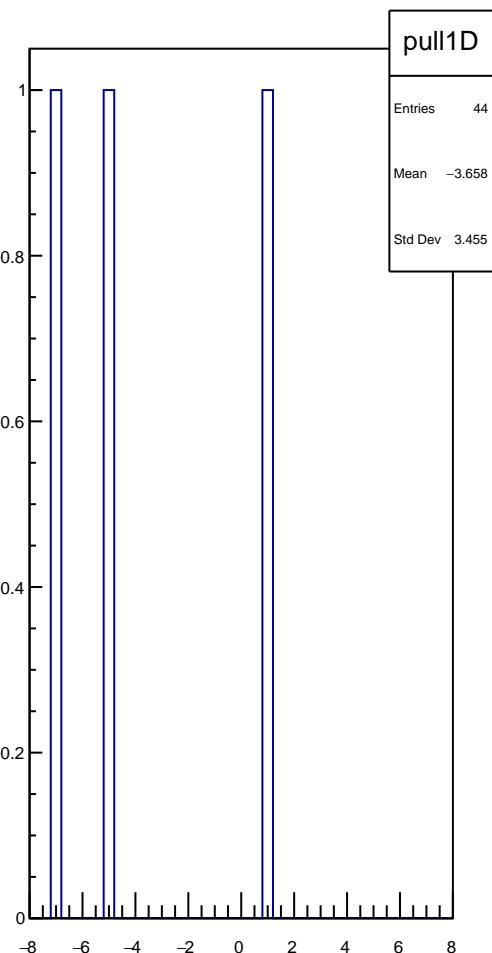
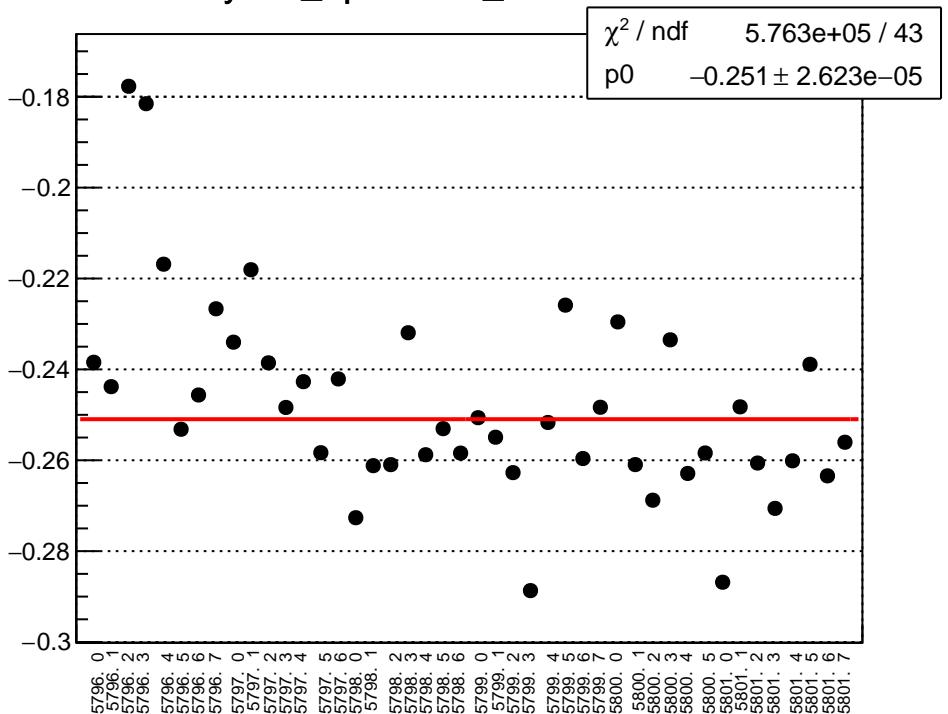




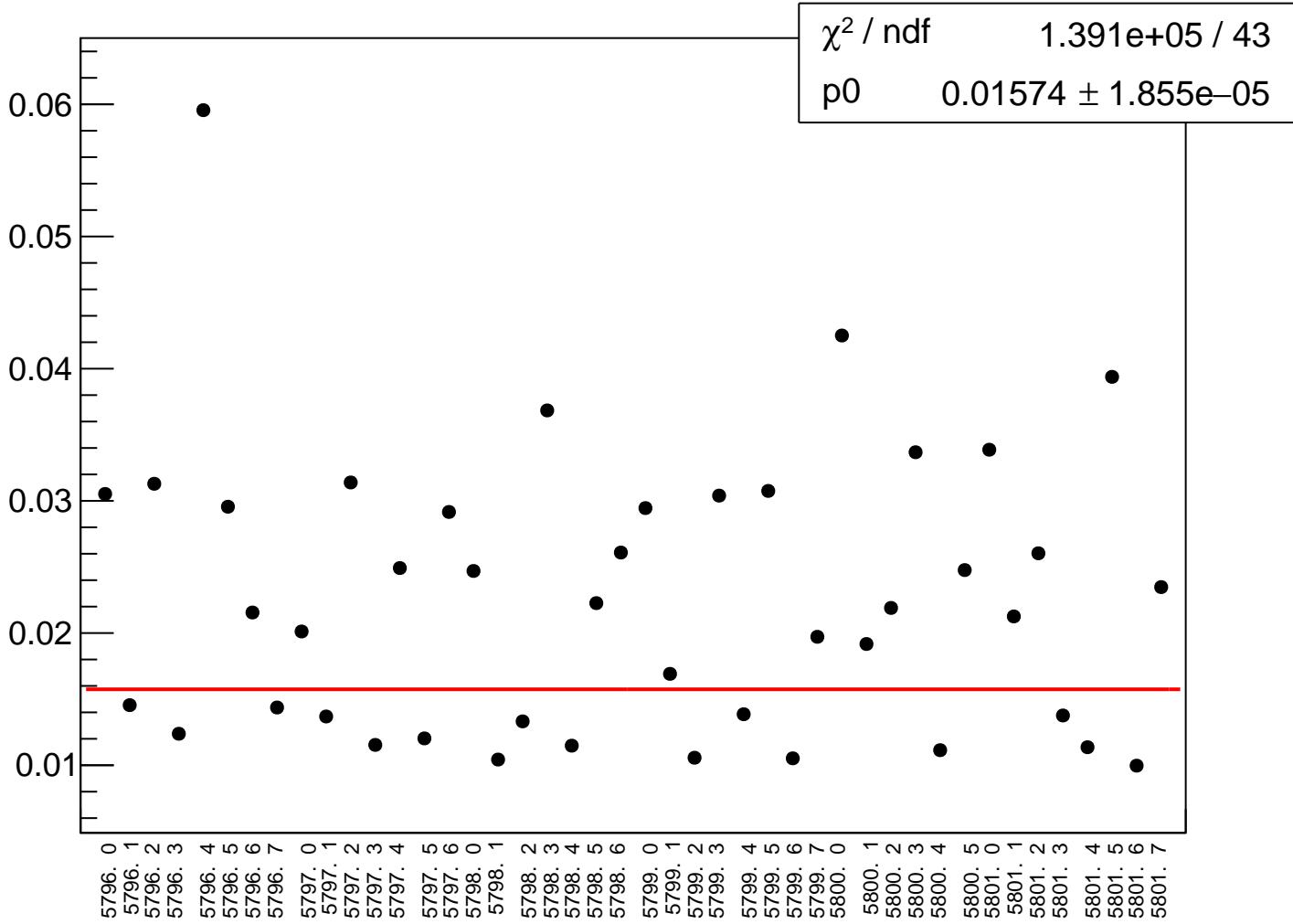
# yield\_bpm4acY\_rms vs run



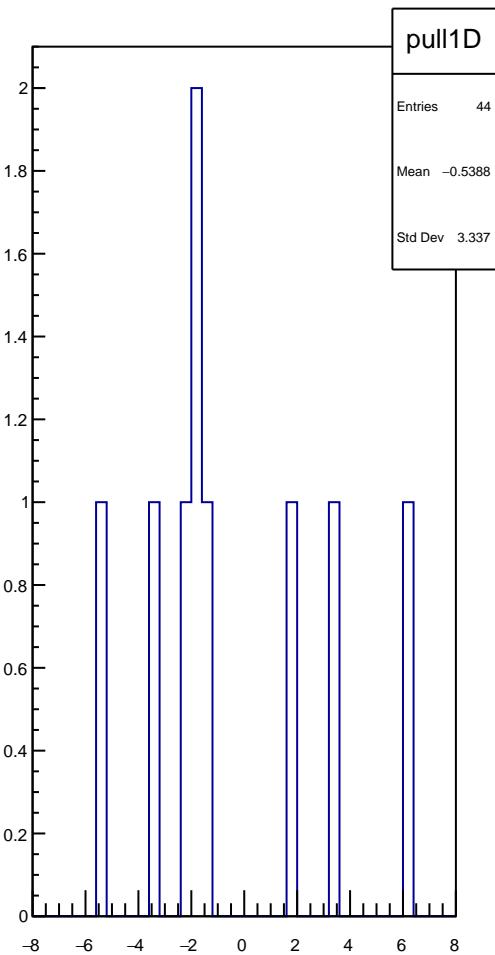
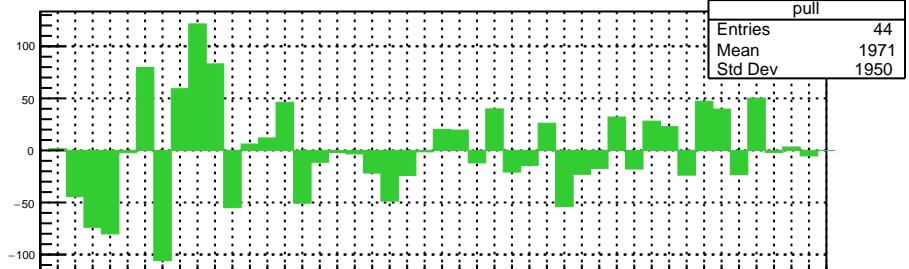
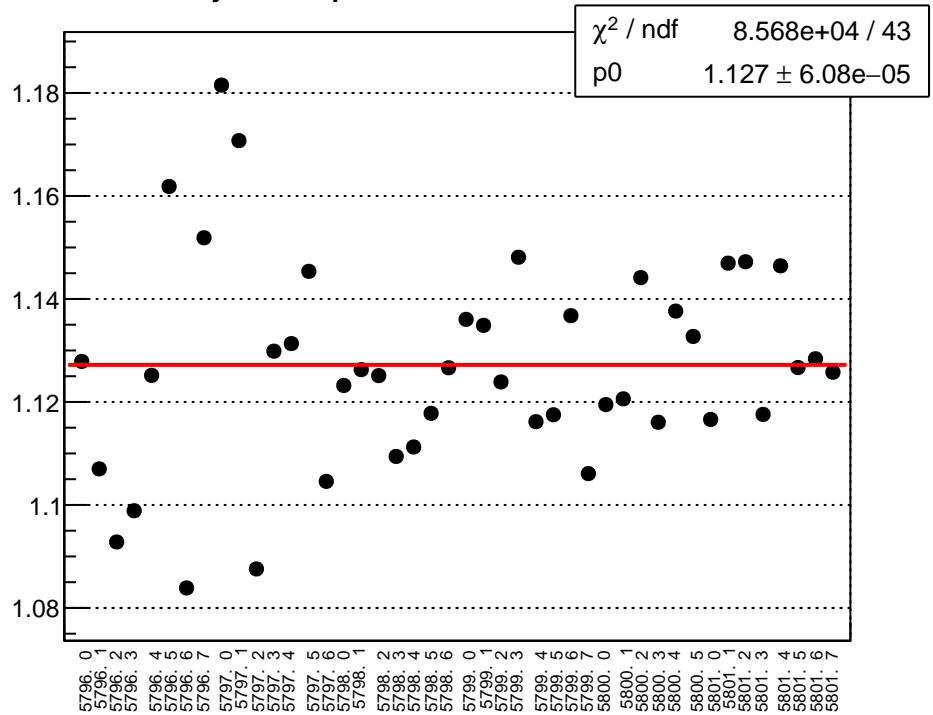
# yield\_bpm4ecX\_mean vs run



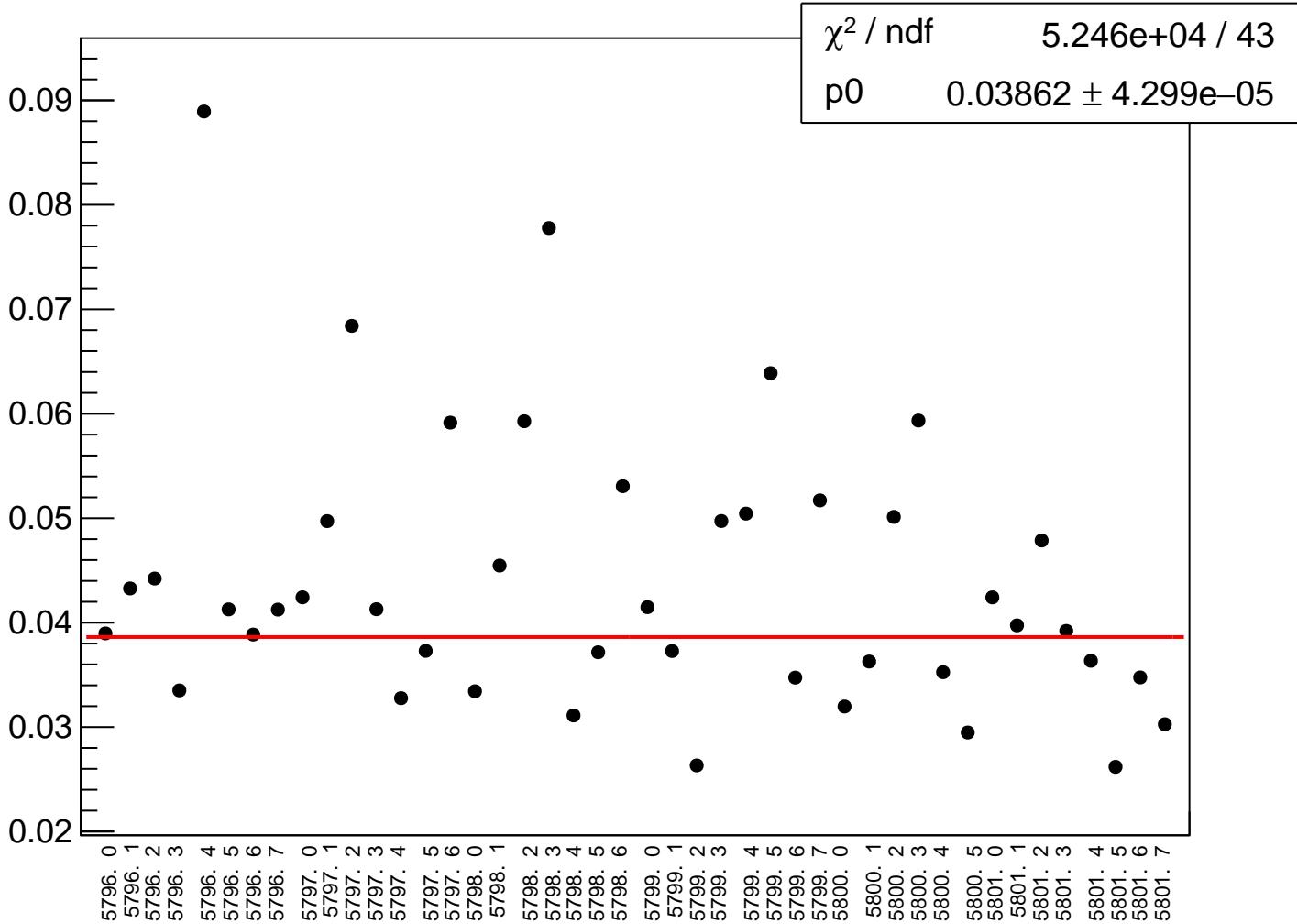
# yield\_bpm4ecX\_rms vs run



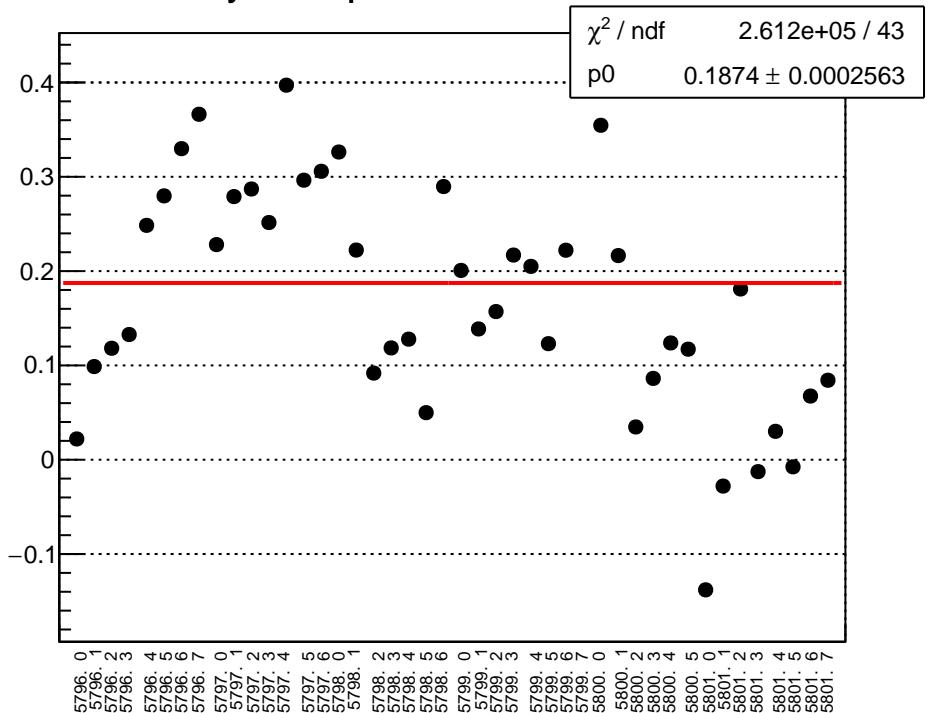
# yield\_bpm4ecY\_mean vs run



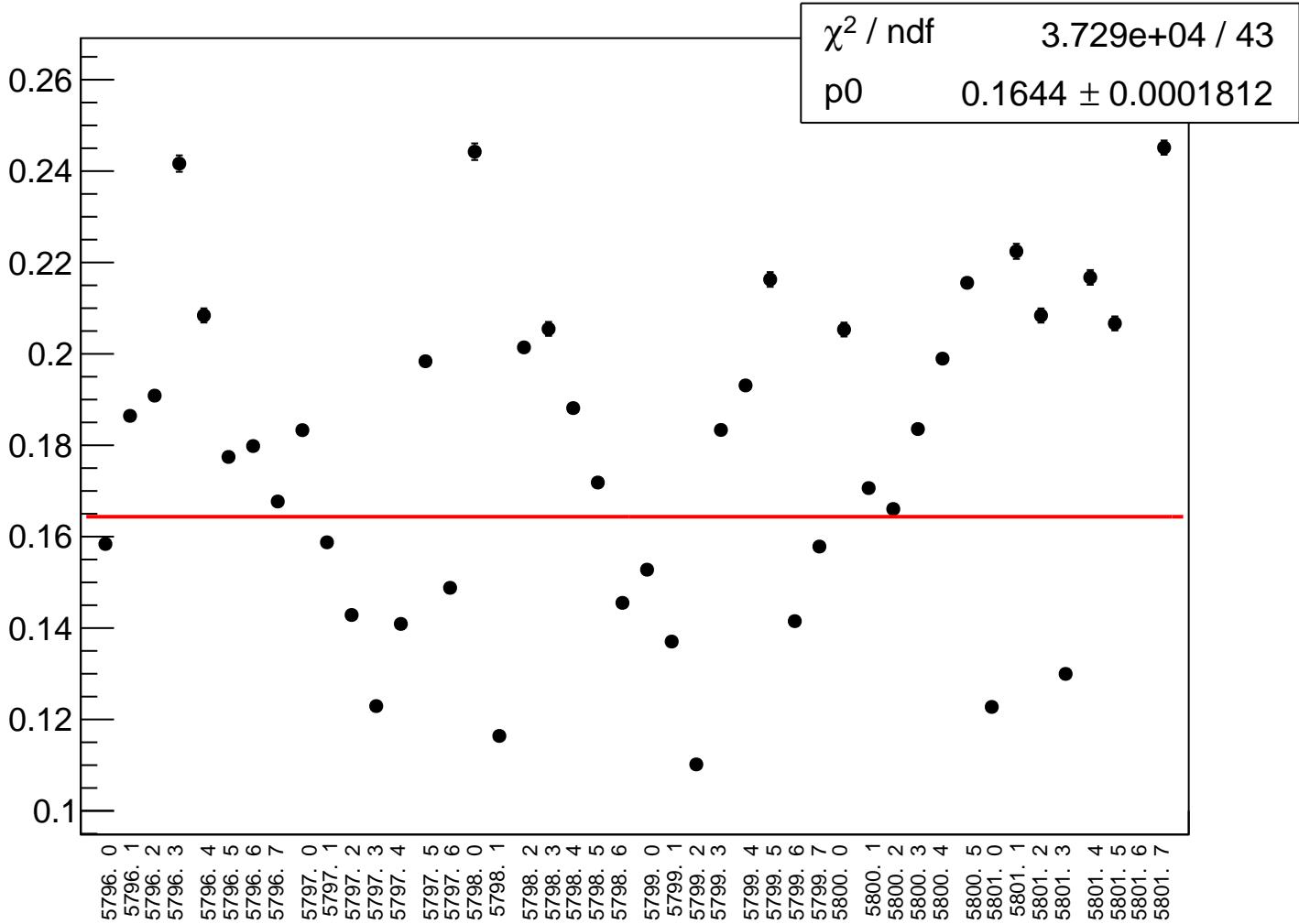
# yield\_bpm4ecY\_rms vs run

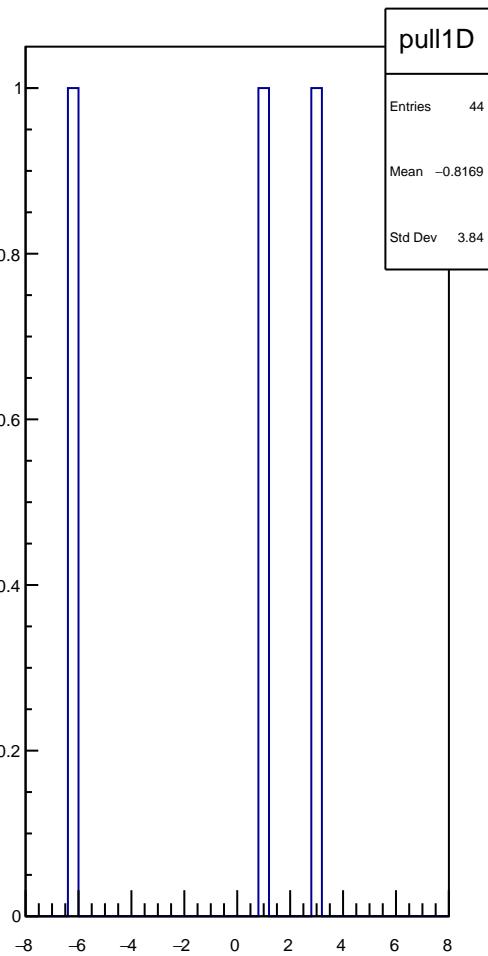
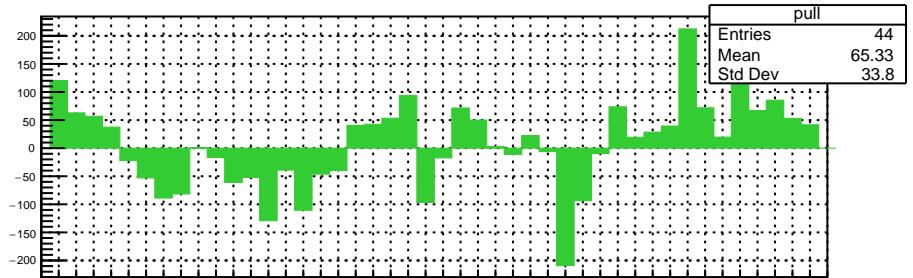
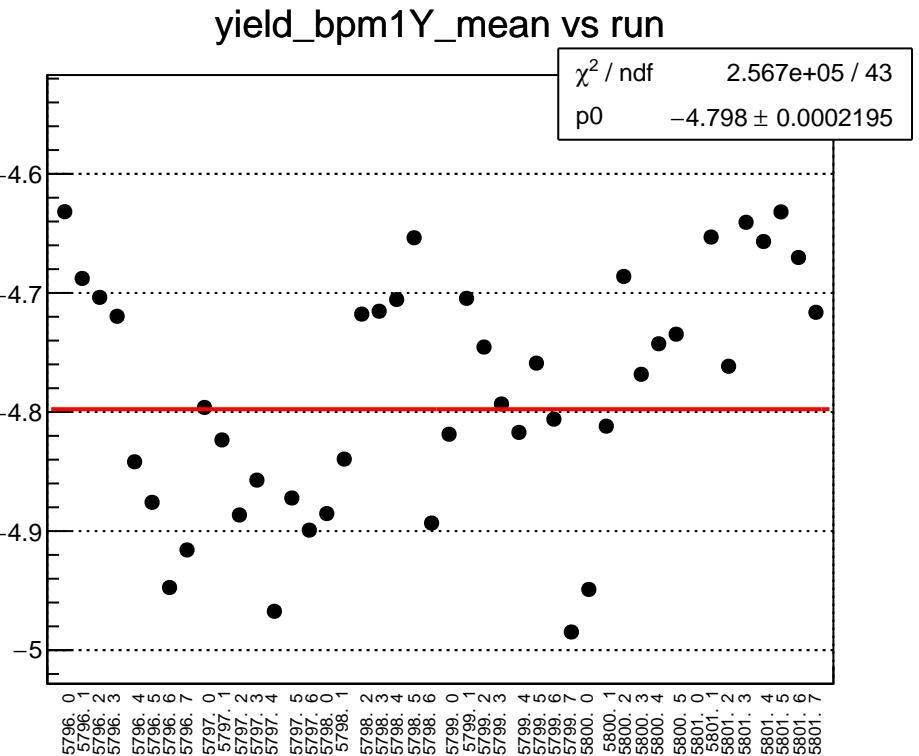


# yield\_bpm1X\_mean vs run

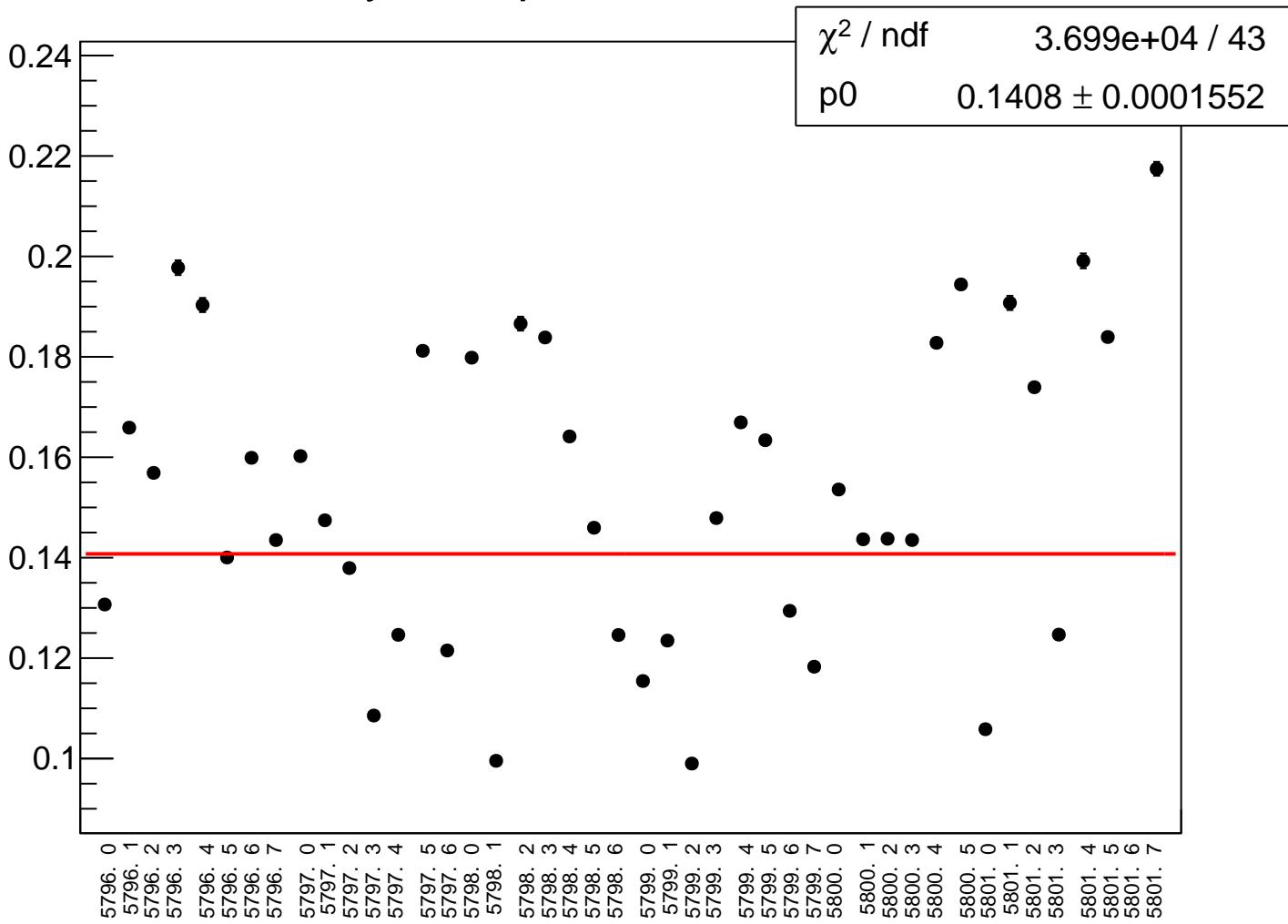


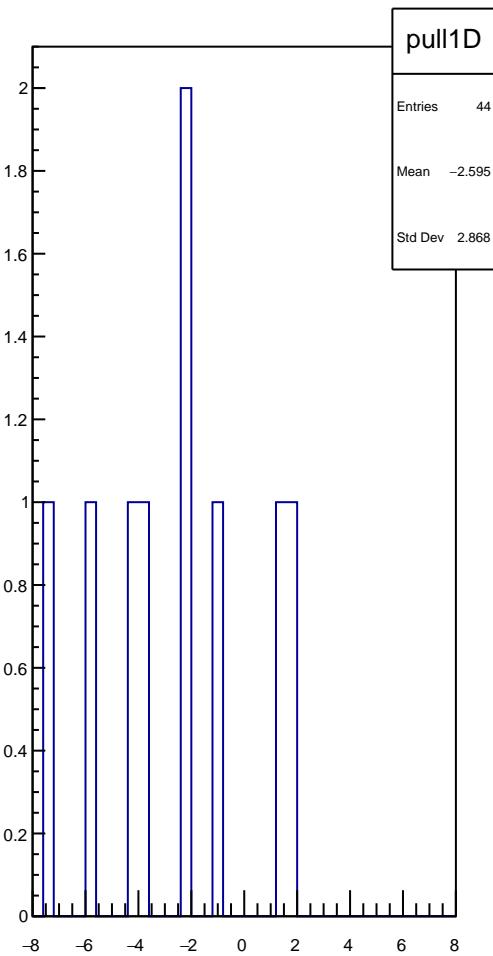
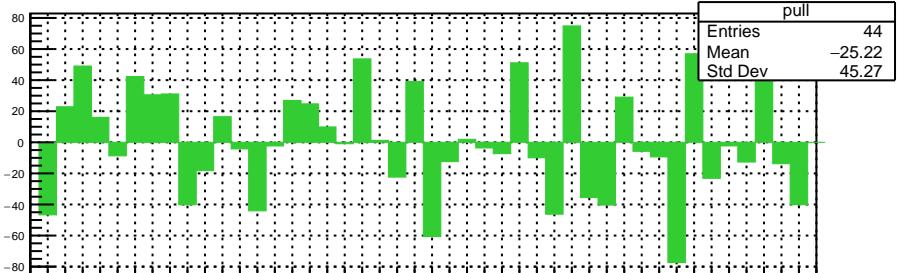
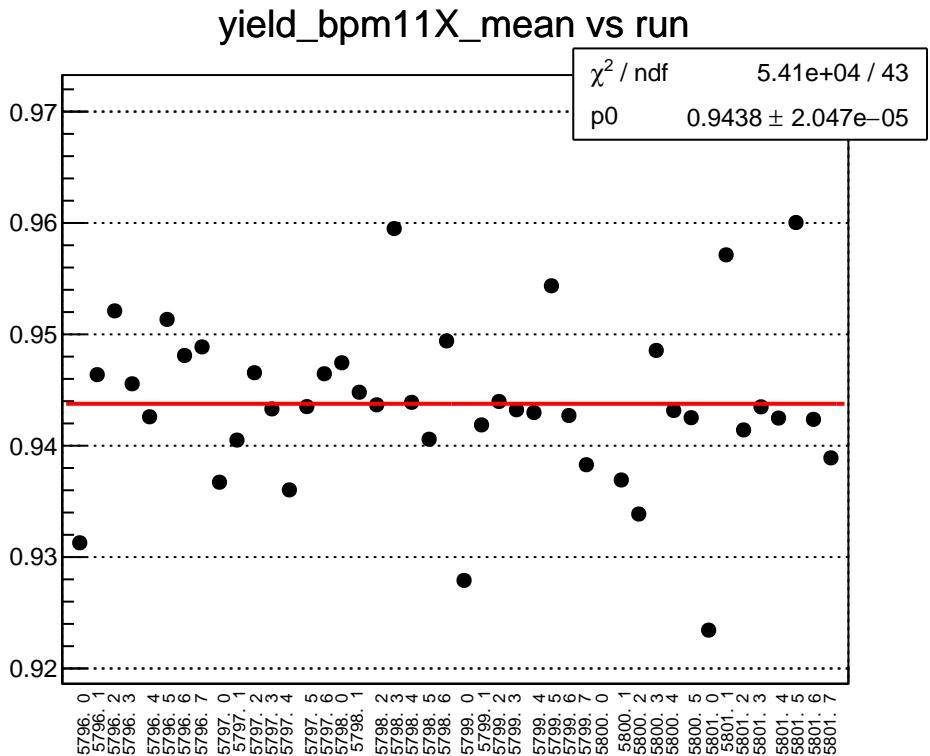
# yield\_bpm1X\_rms vs run



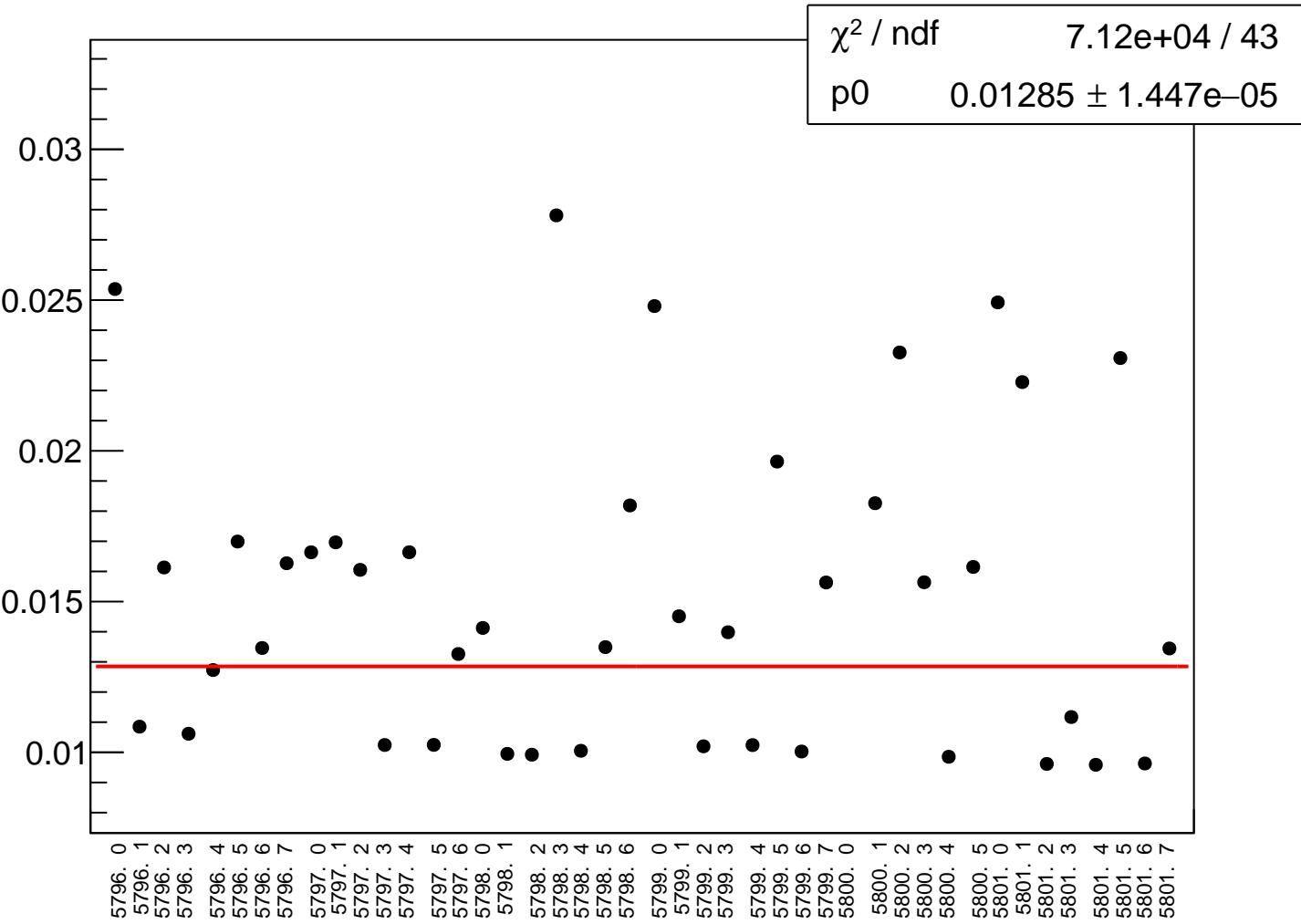


# yield\_bpm1Y\_rms vs run

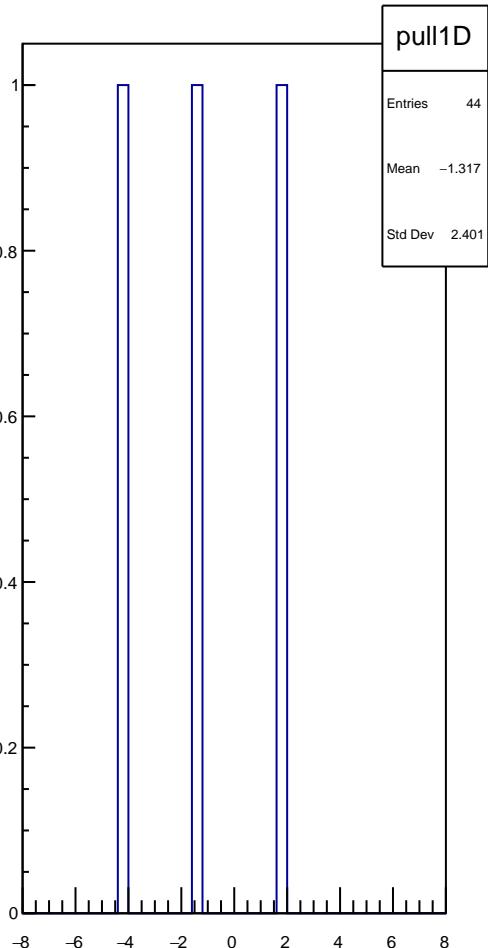
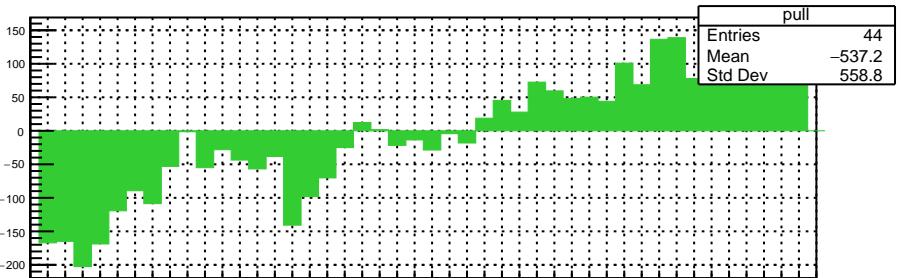
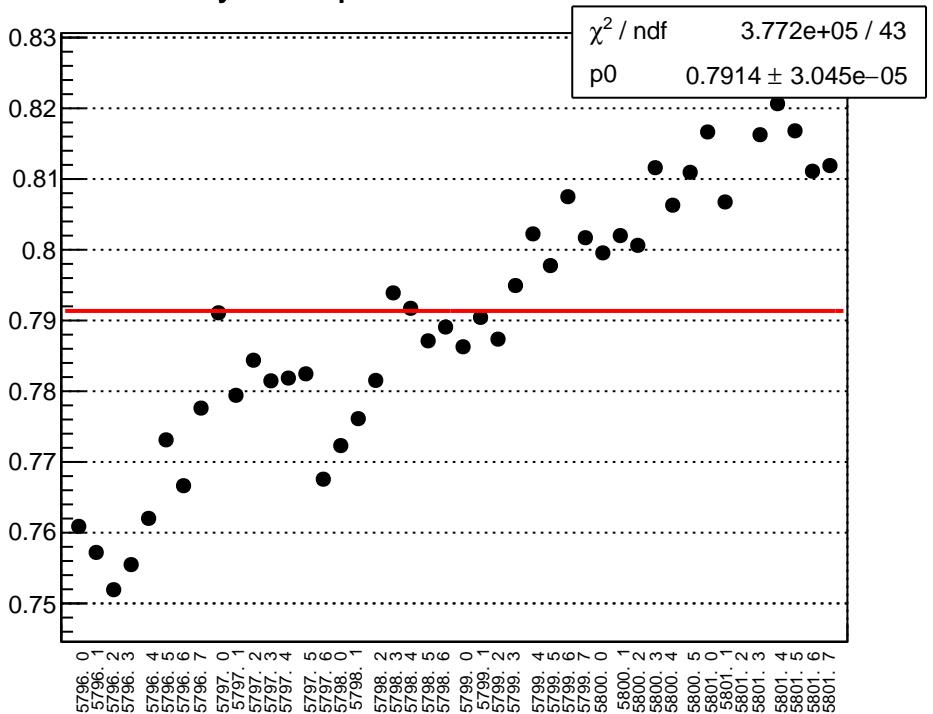




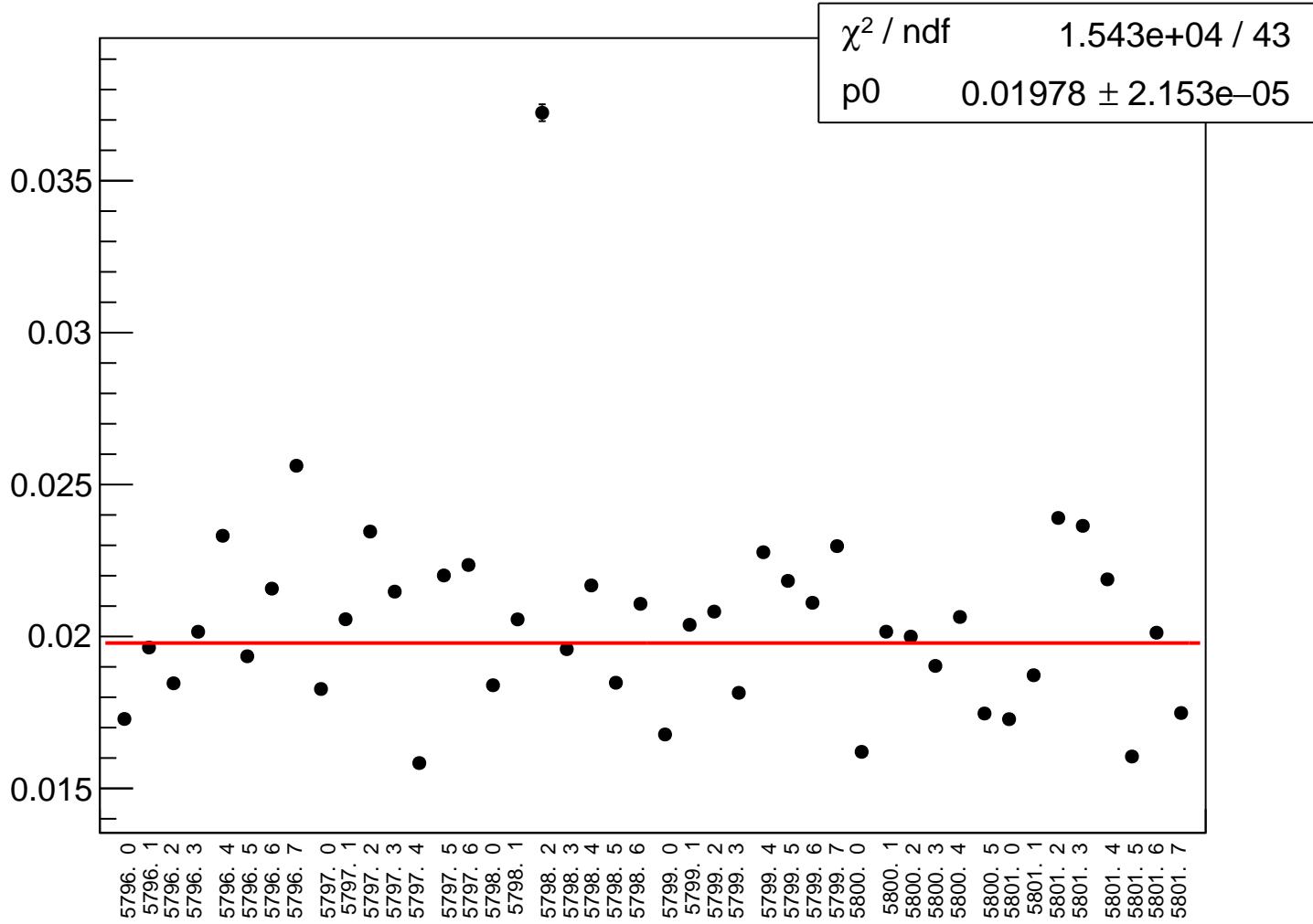
# yield\_bpm11X\_rms vs run



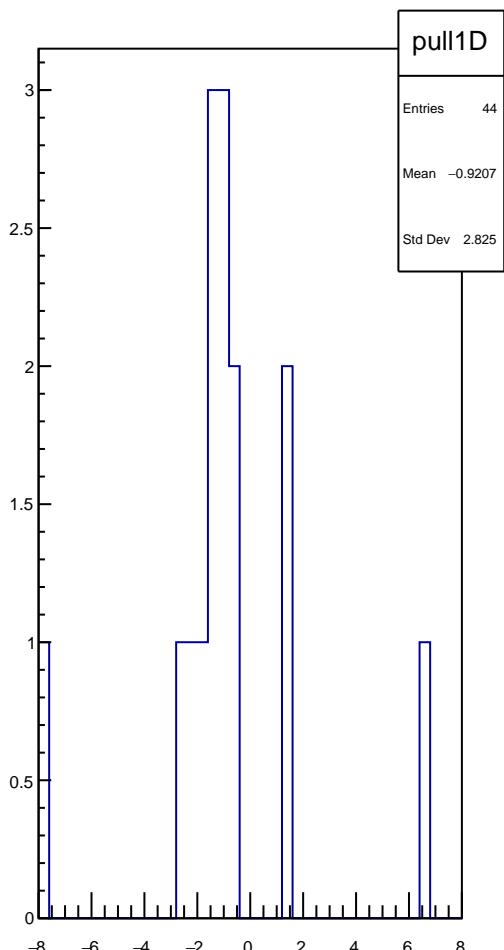
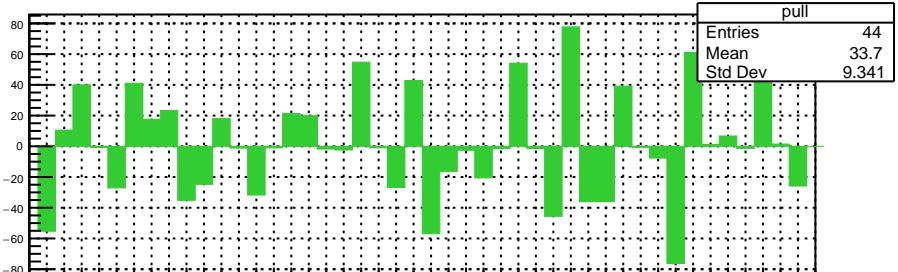
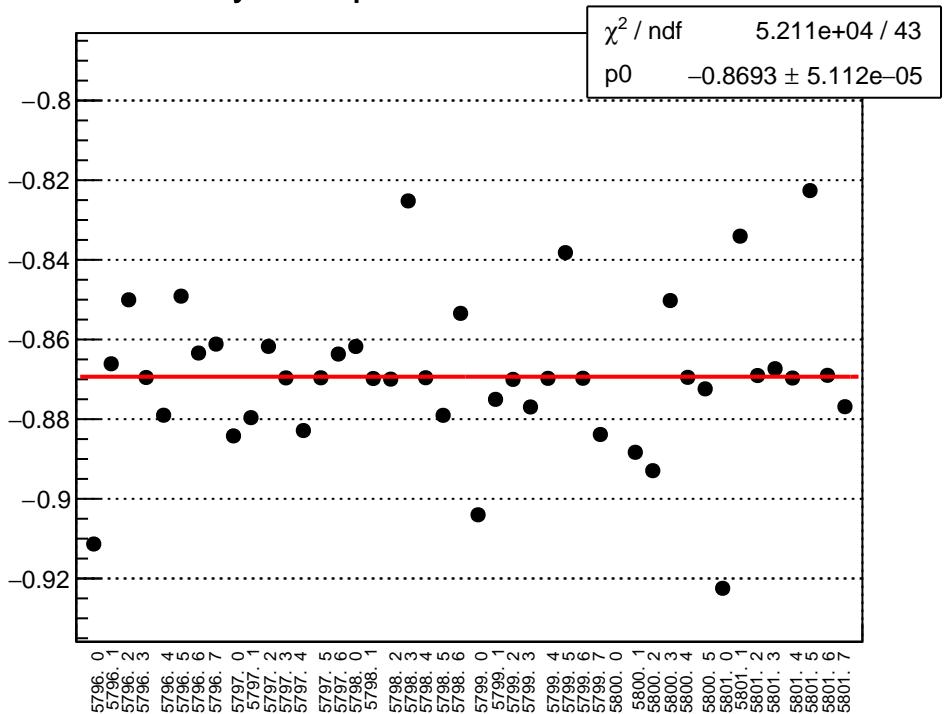
# yield\_bpm11Y\_mean vs run



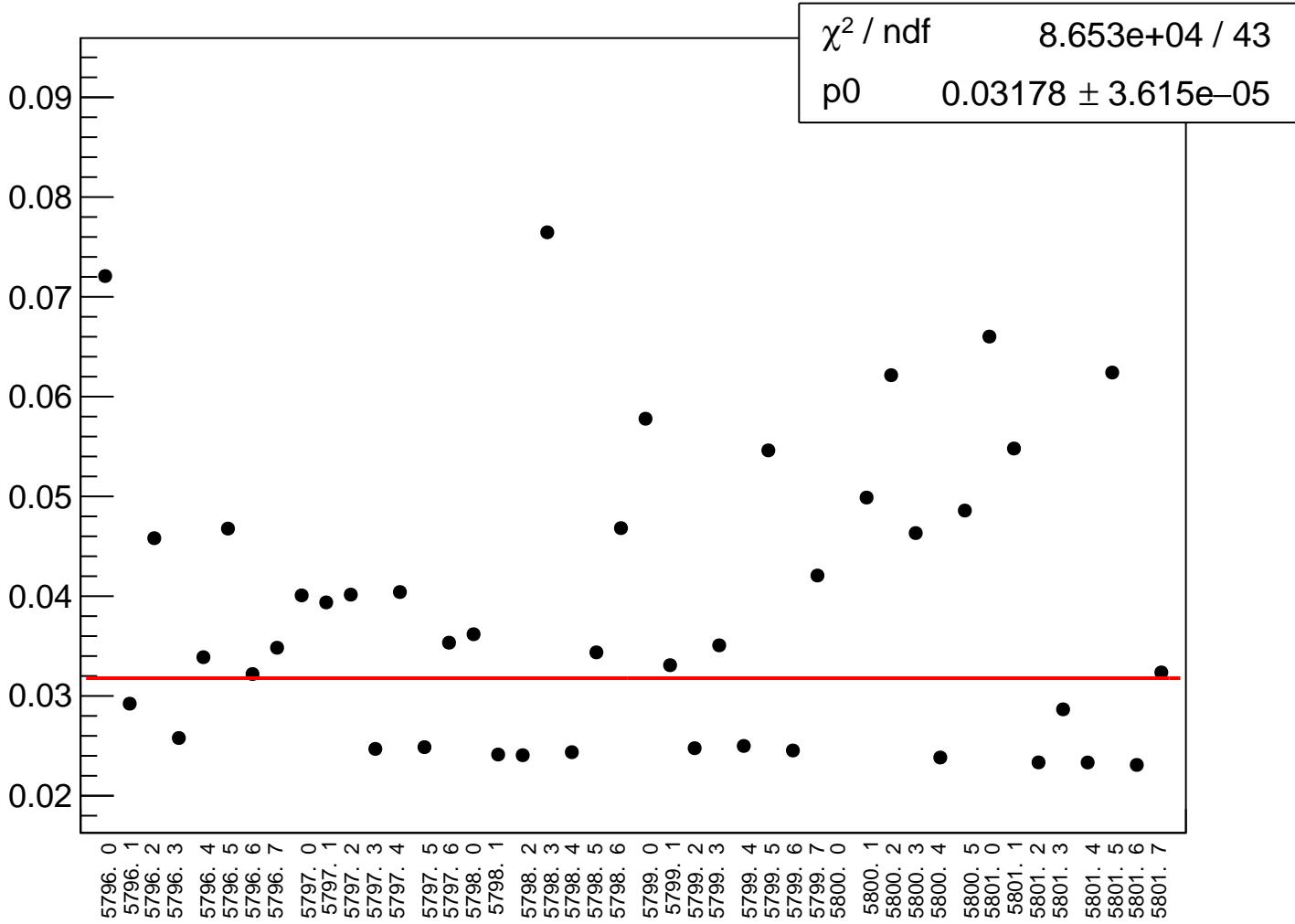
# yield\_bpm11Y\_rms vs run



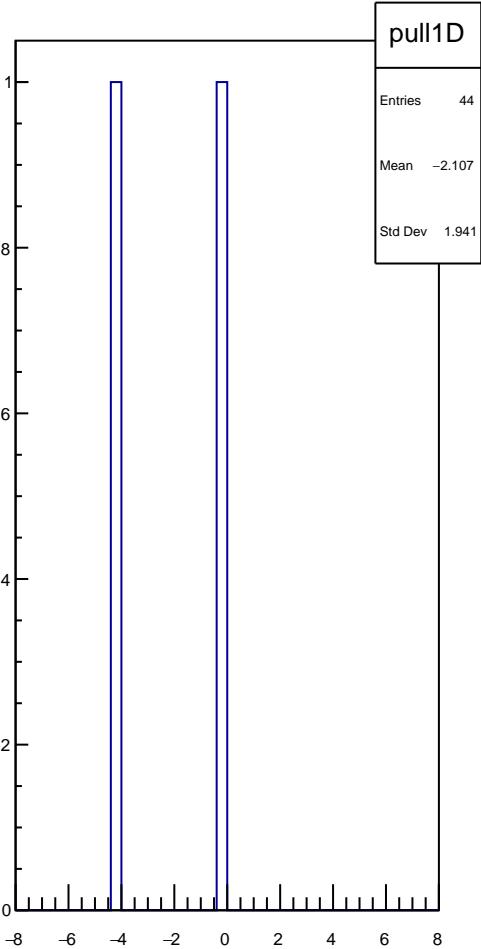
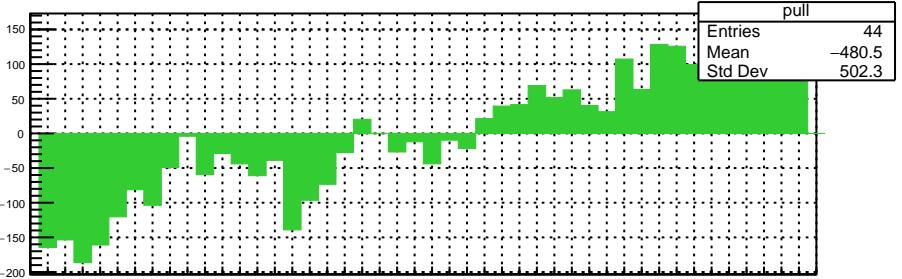
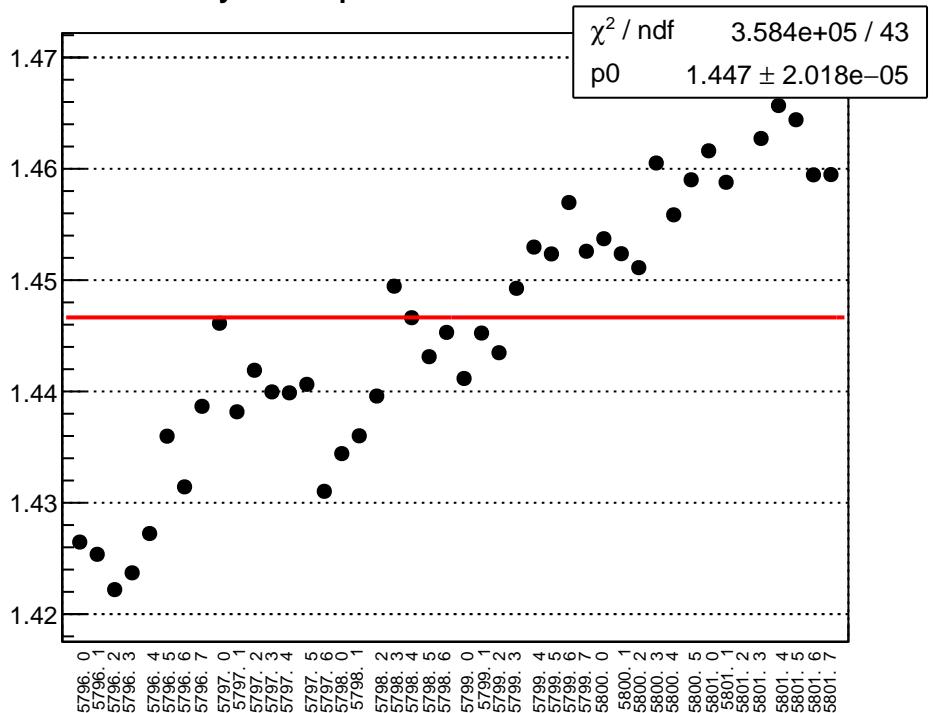
# yield\_bpm12X\_mean vs run



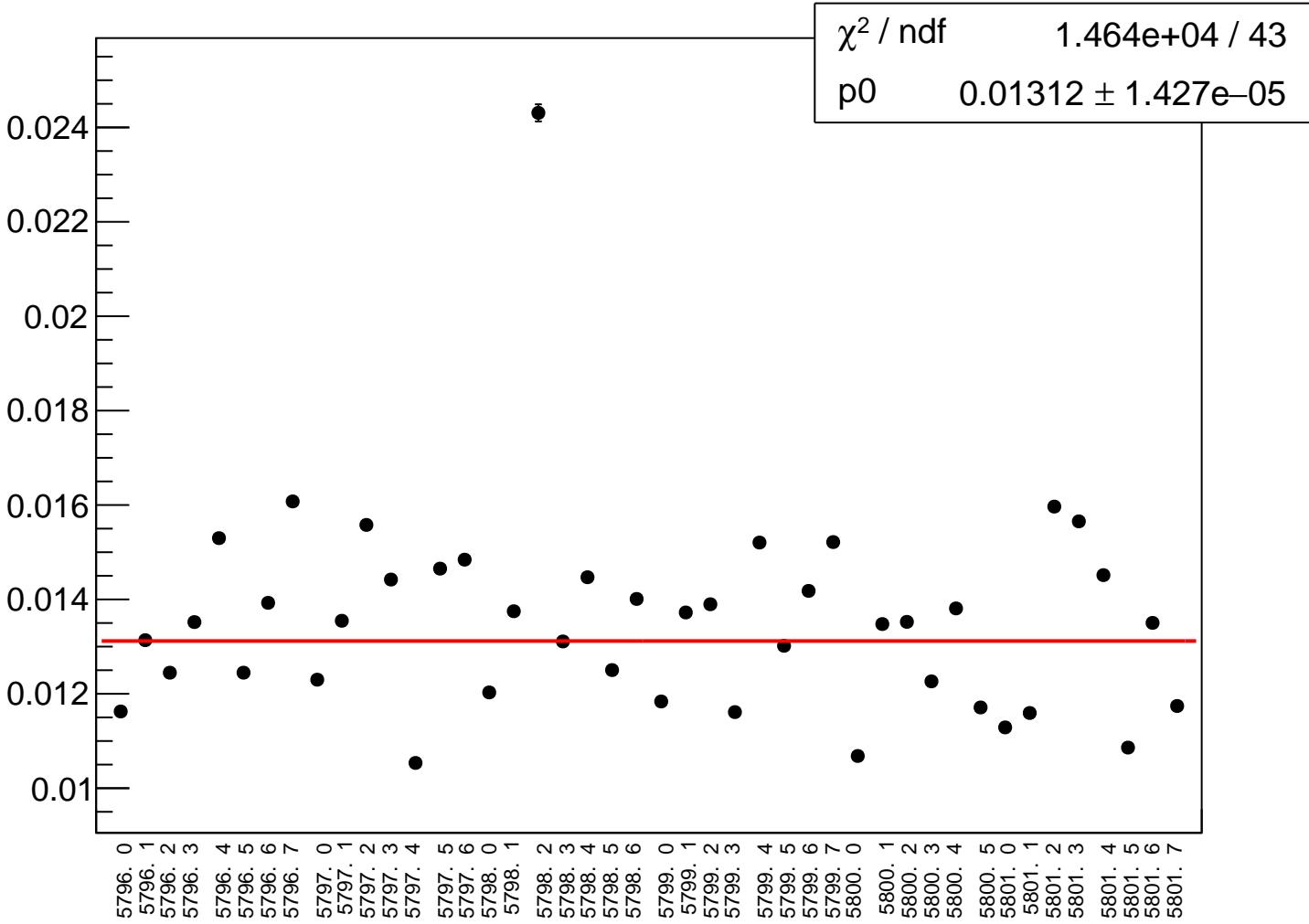
# yield\_bpm12X\_rms vs run



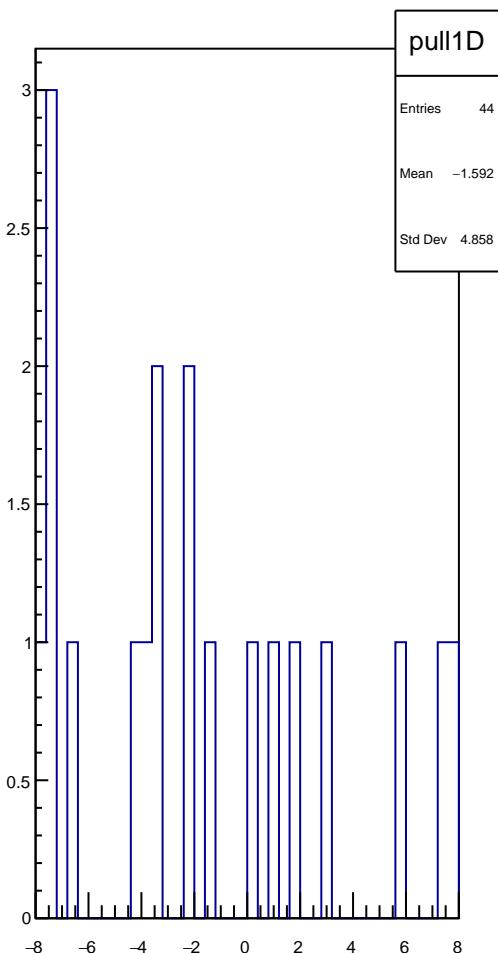
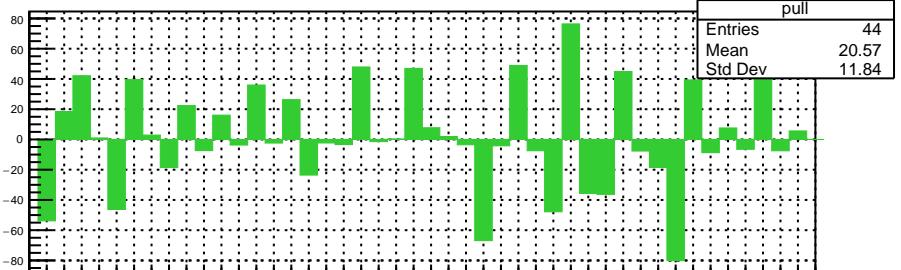
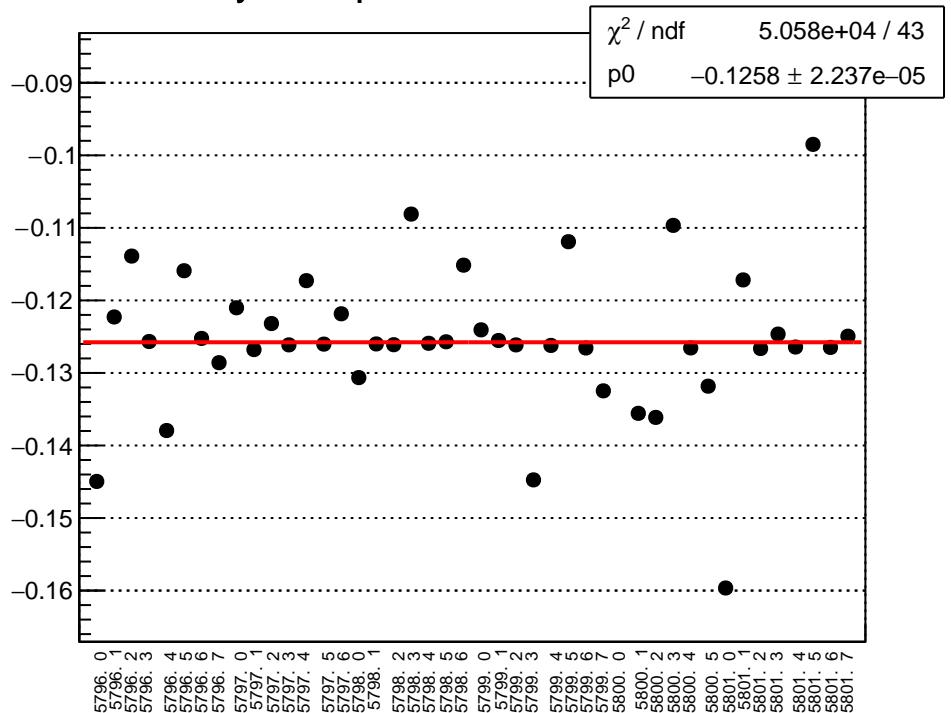
# yield\_bpm12Y\_mean vs run



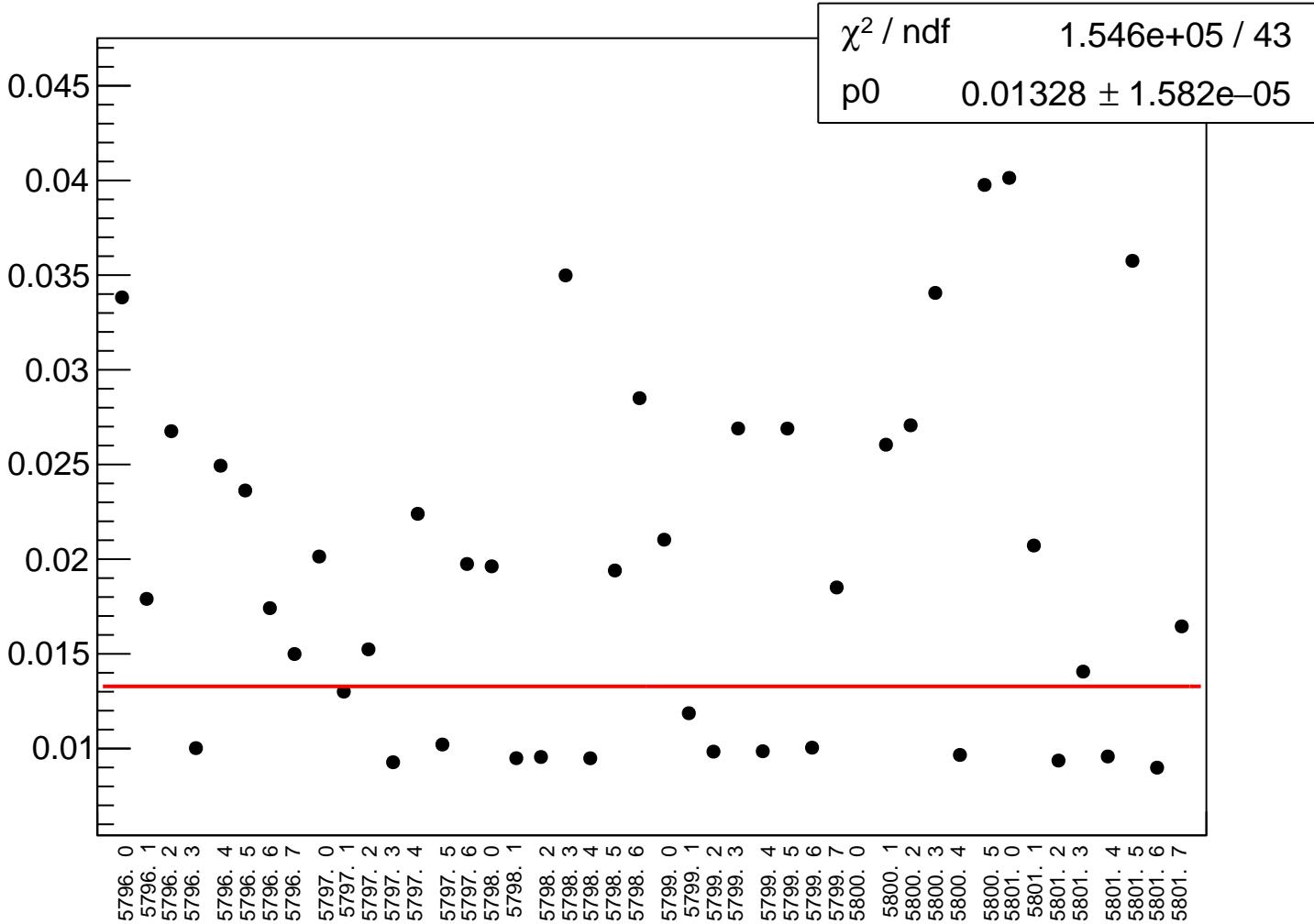
# yield\_bpm12Y\_rms vs run



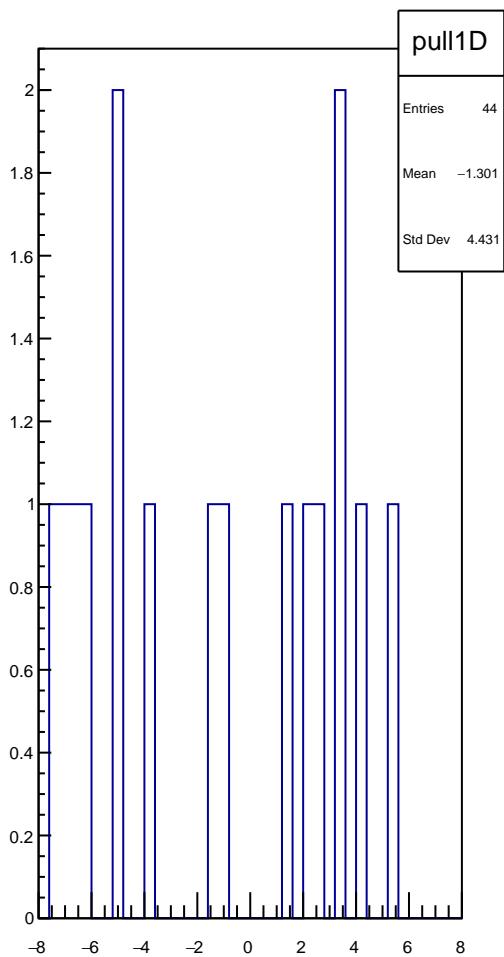
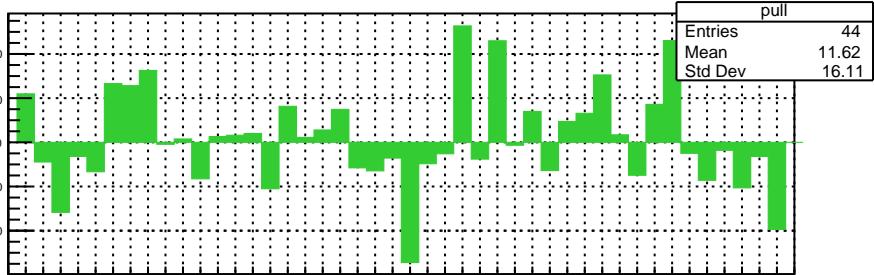
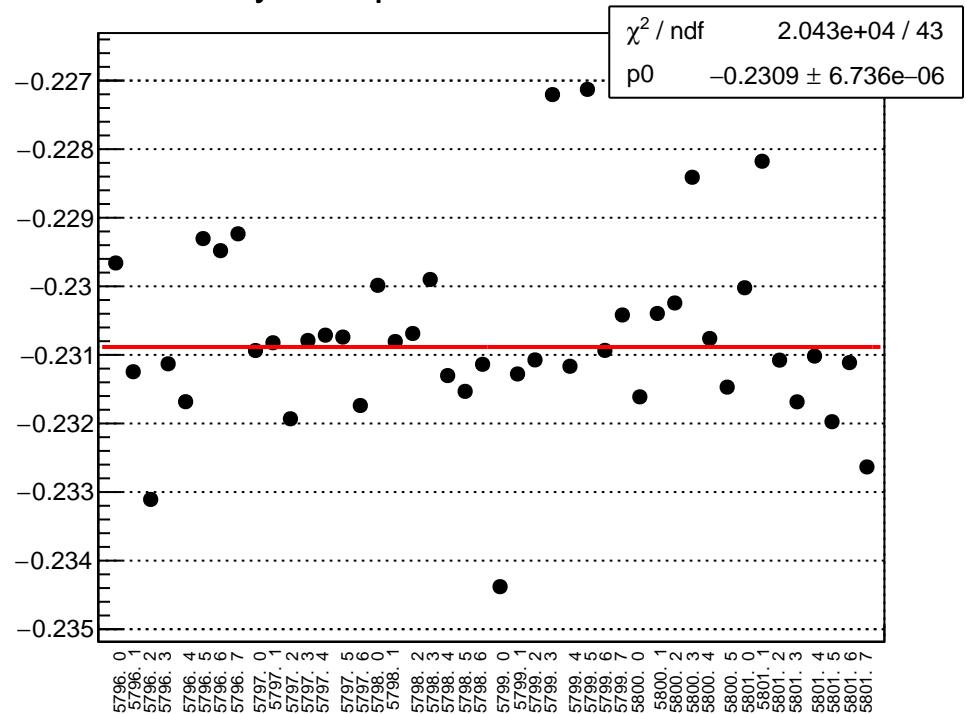
# yield\_bpm16X\_mean vs run



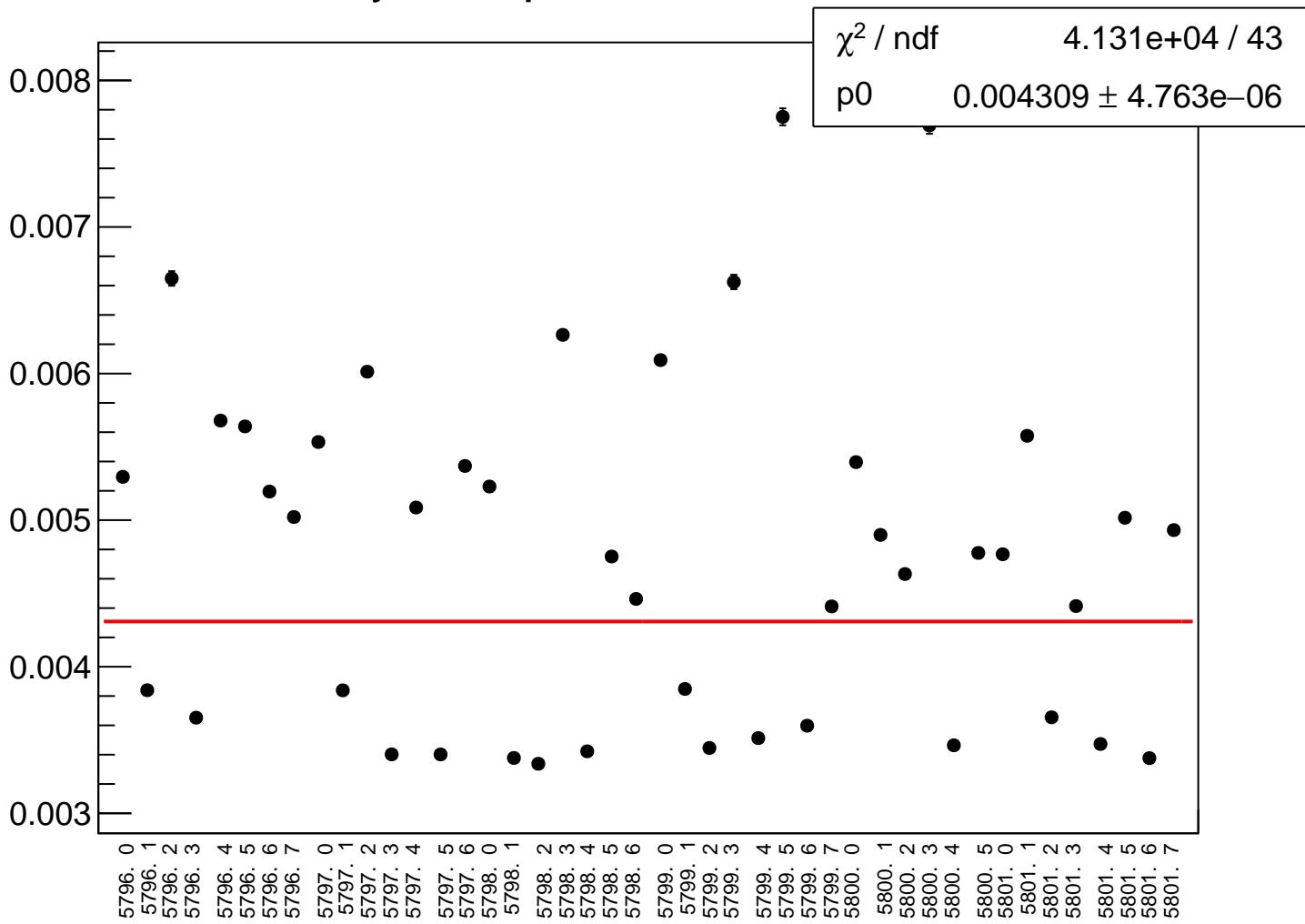
# yield\_bpm16X\_rms vs run



# yield\_bpm16Y\_mean vs run

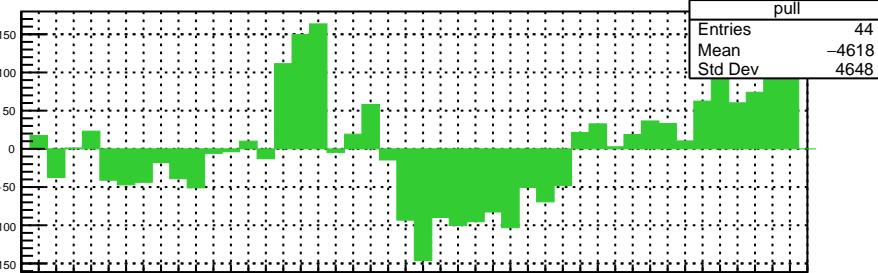
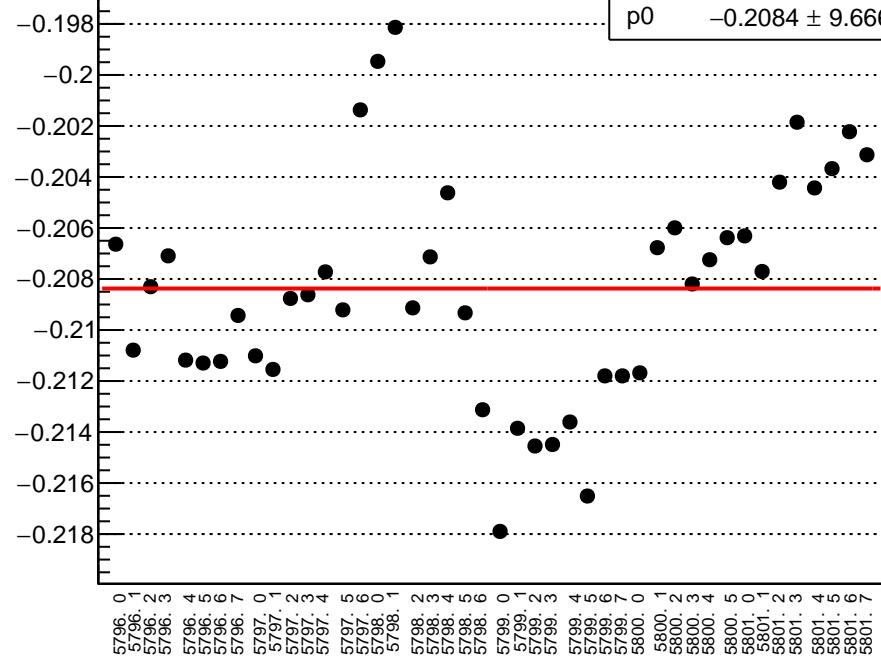


# yield\_bpm16Y\_rms vs run



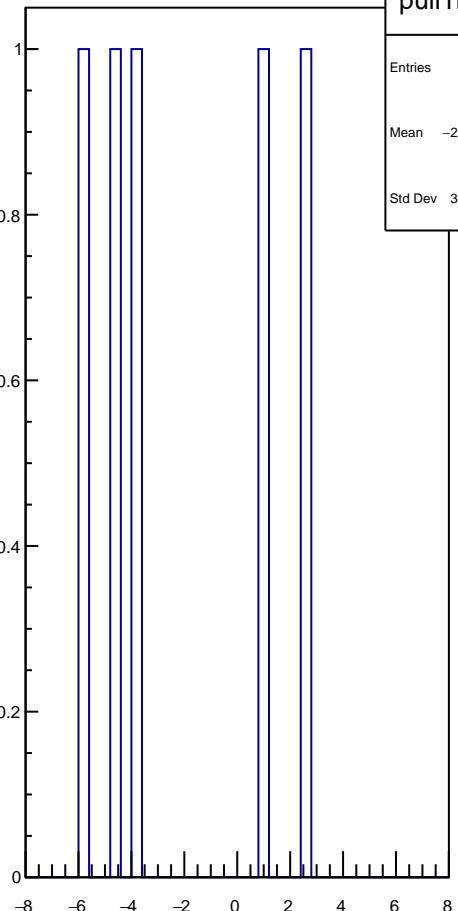
# yield\_bpm0i02X\_mean vs run

$\chi^2 / \text{ndf}$  2.084e+05 / 43  
 $p0$   $-0.2084 \pm 9.666e-06$

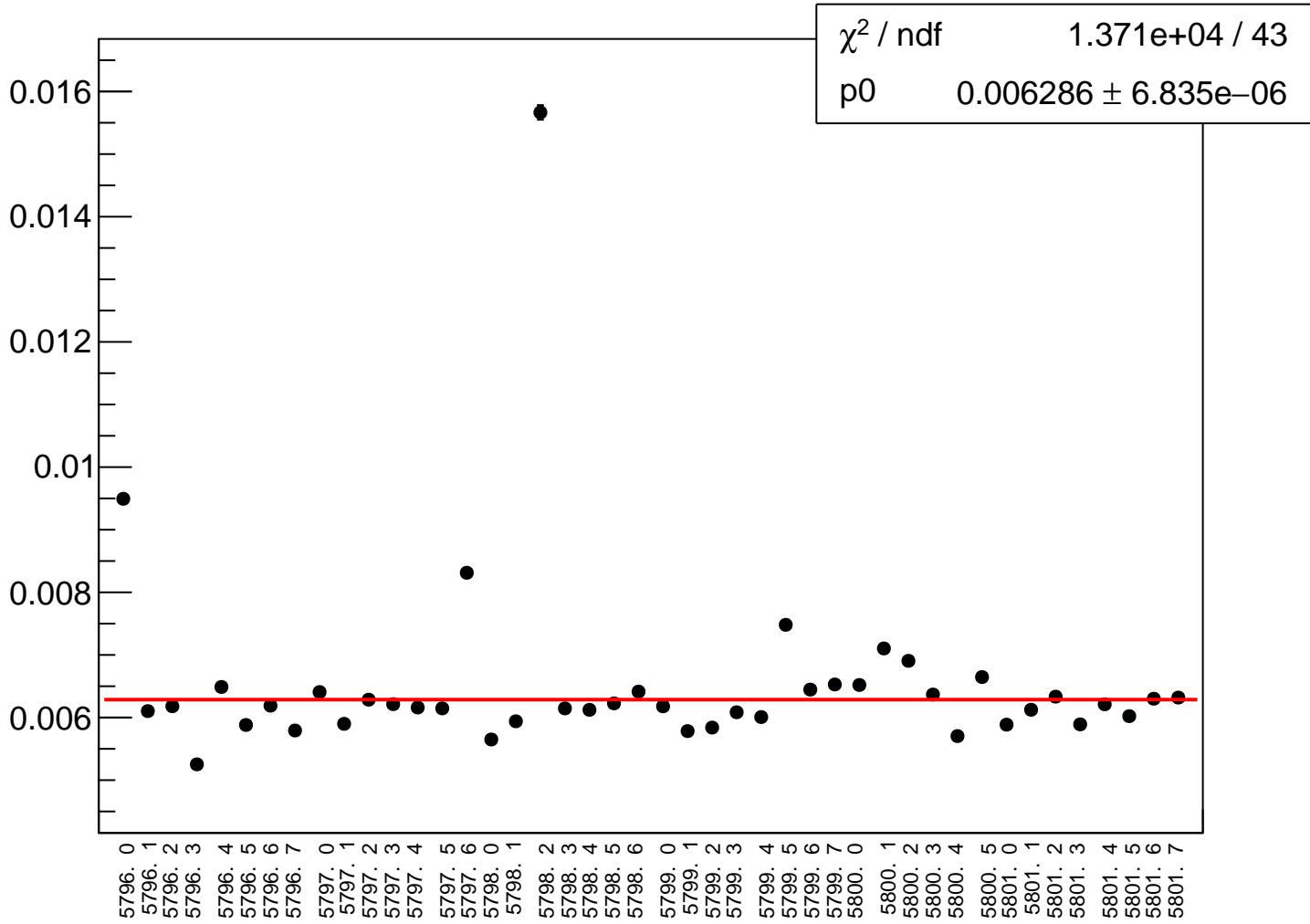


pull1D

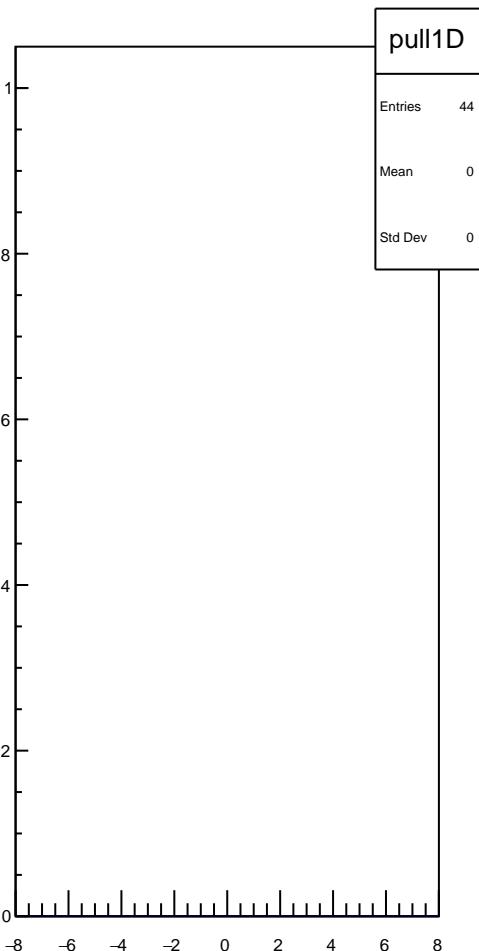
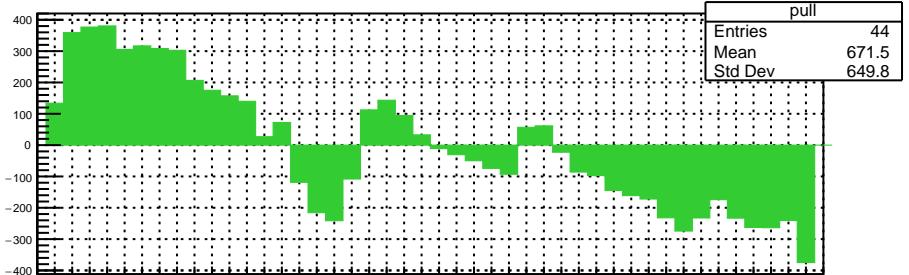
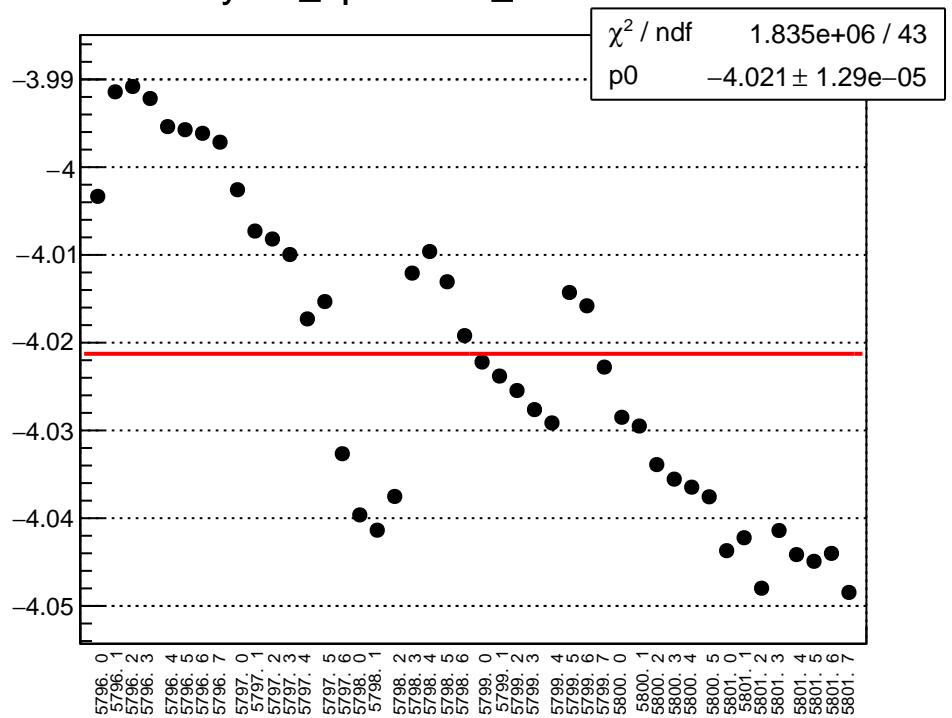
Entries 44  
 Mean -2.087  
 Std Dev 3.343



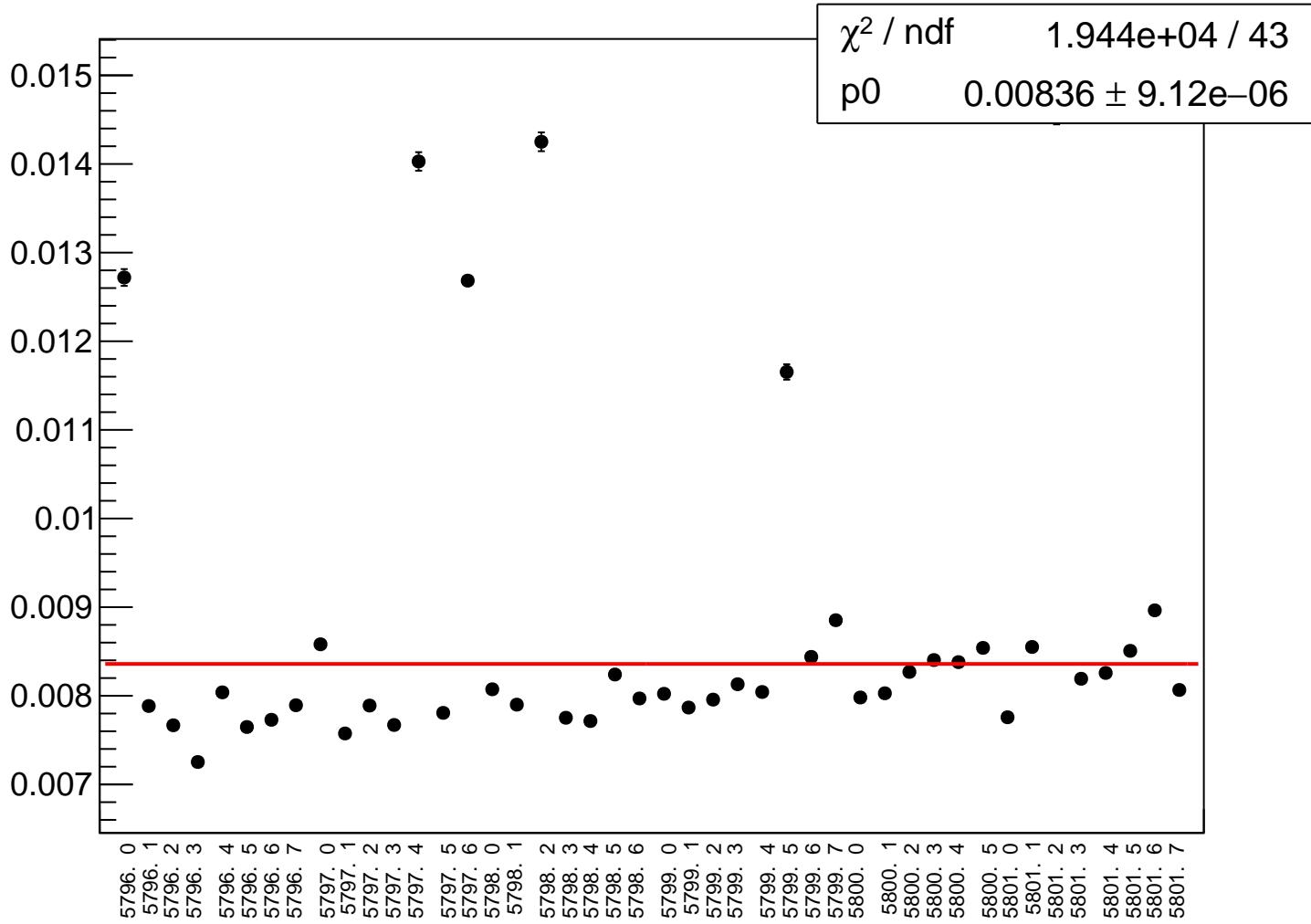
# yield\_bpm0i02X\_rms vs run



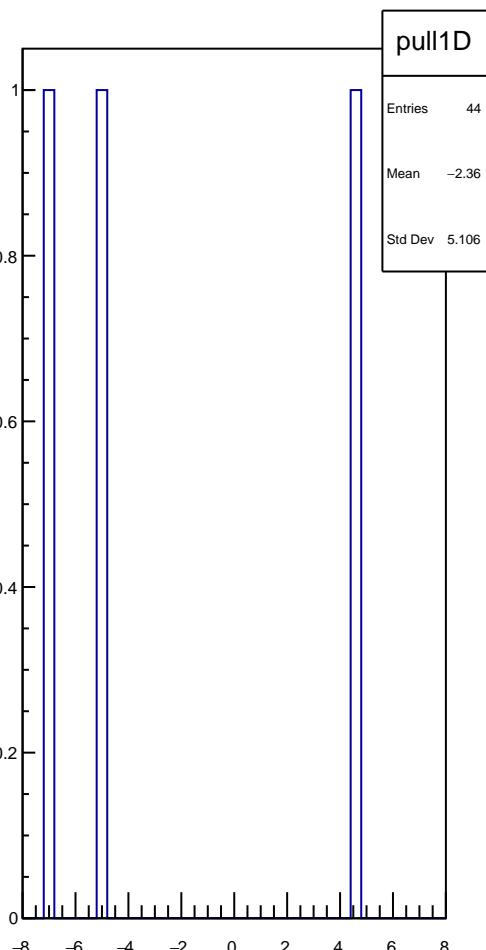
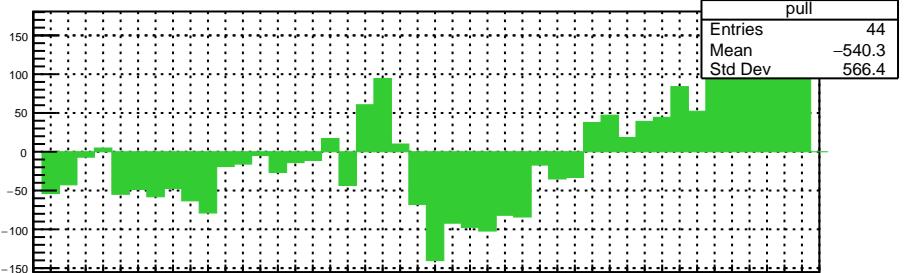
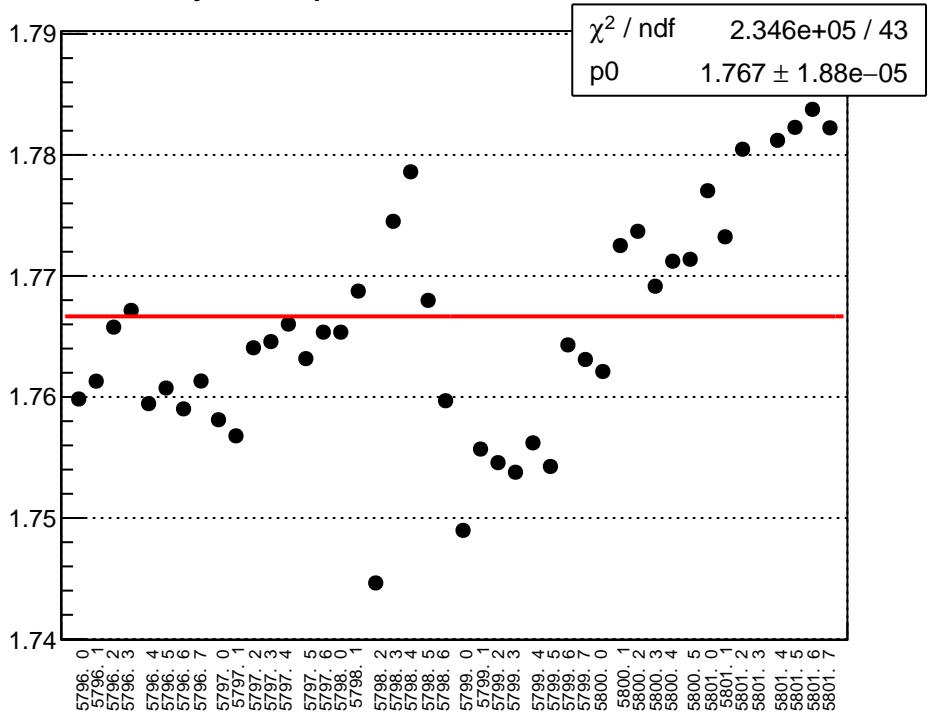
# yield\_bpm0i02Y\_mean vs run



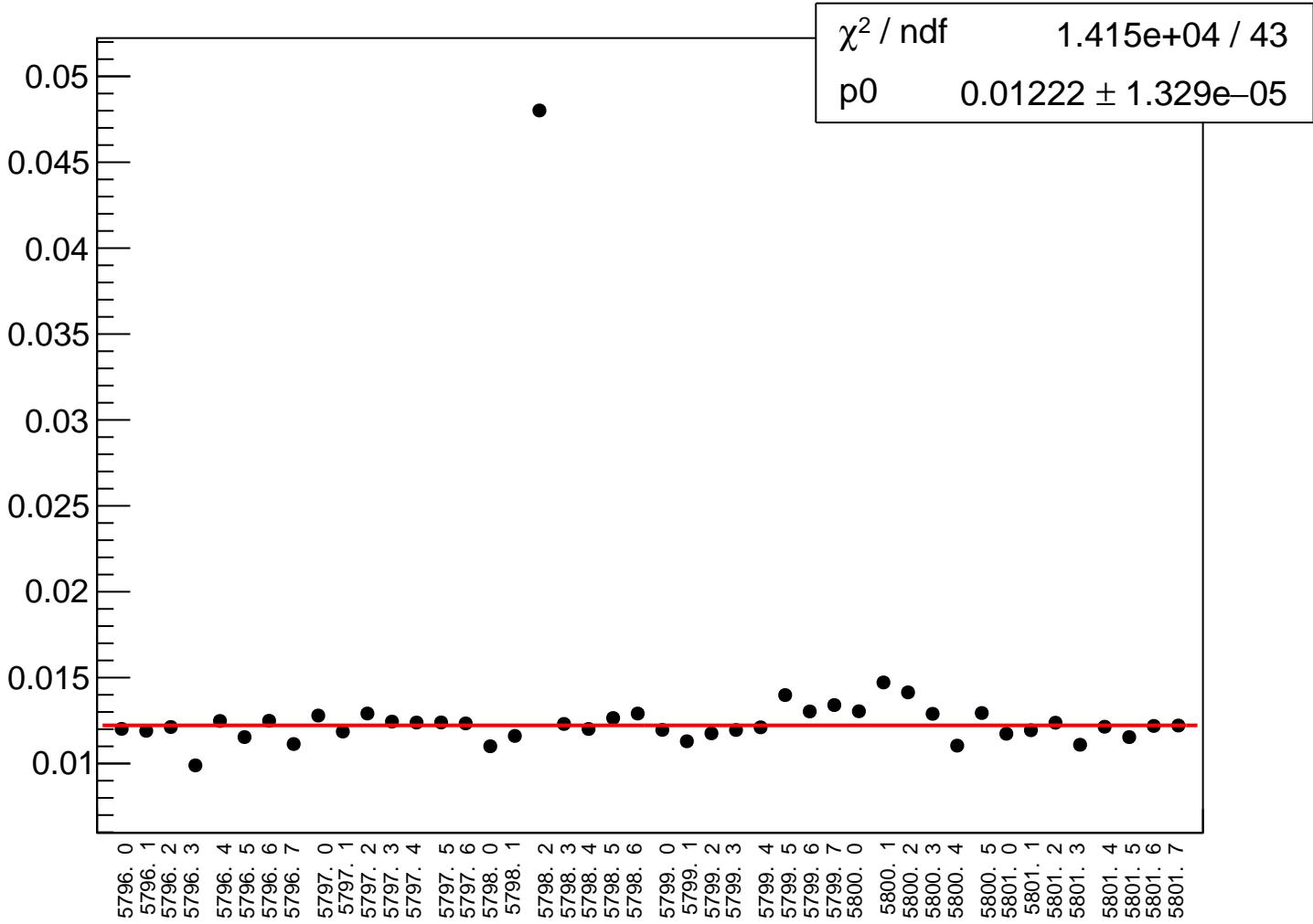
# yield\_bpm0i02Y\_rms vs run



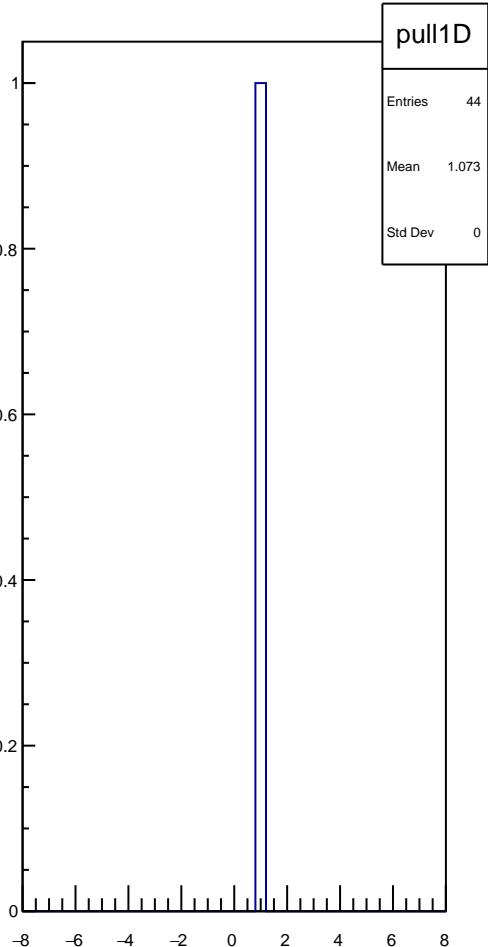
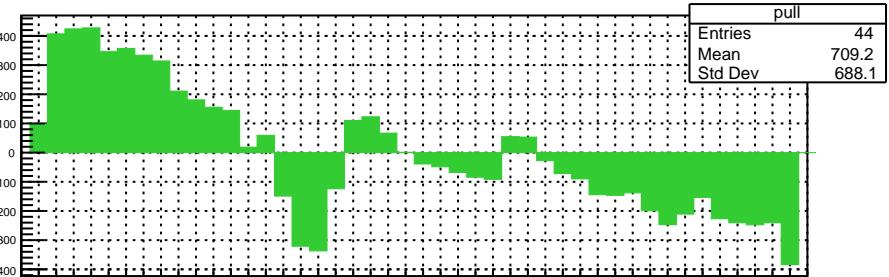
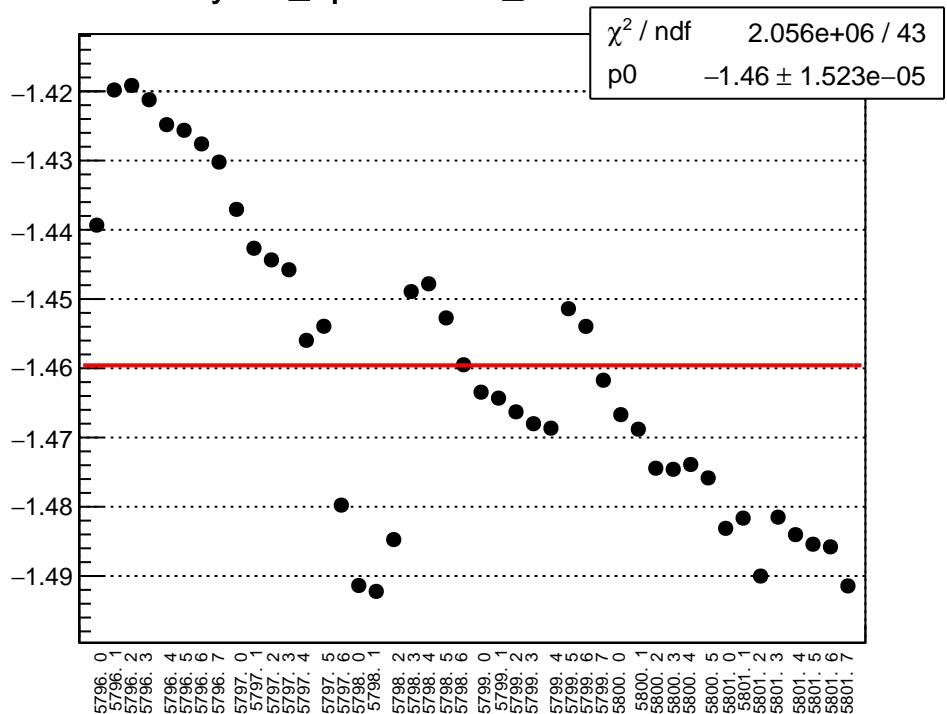
# yield\_bpm0i02aX\_mean vs run



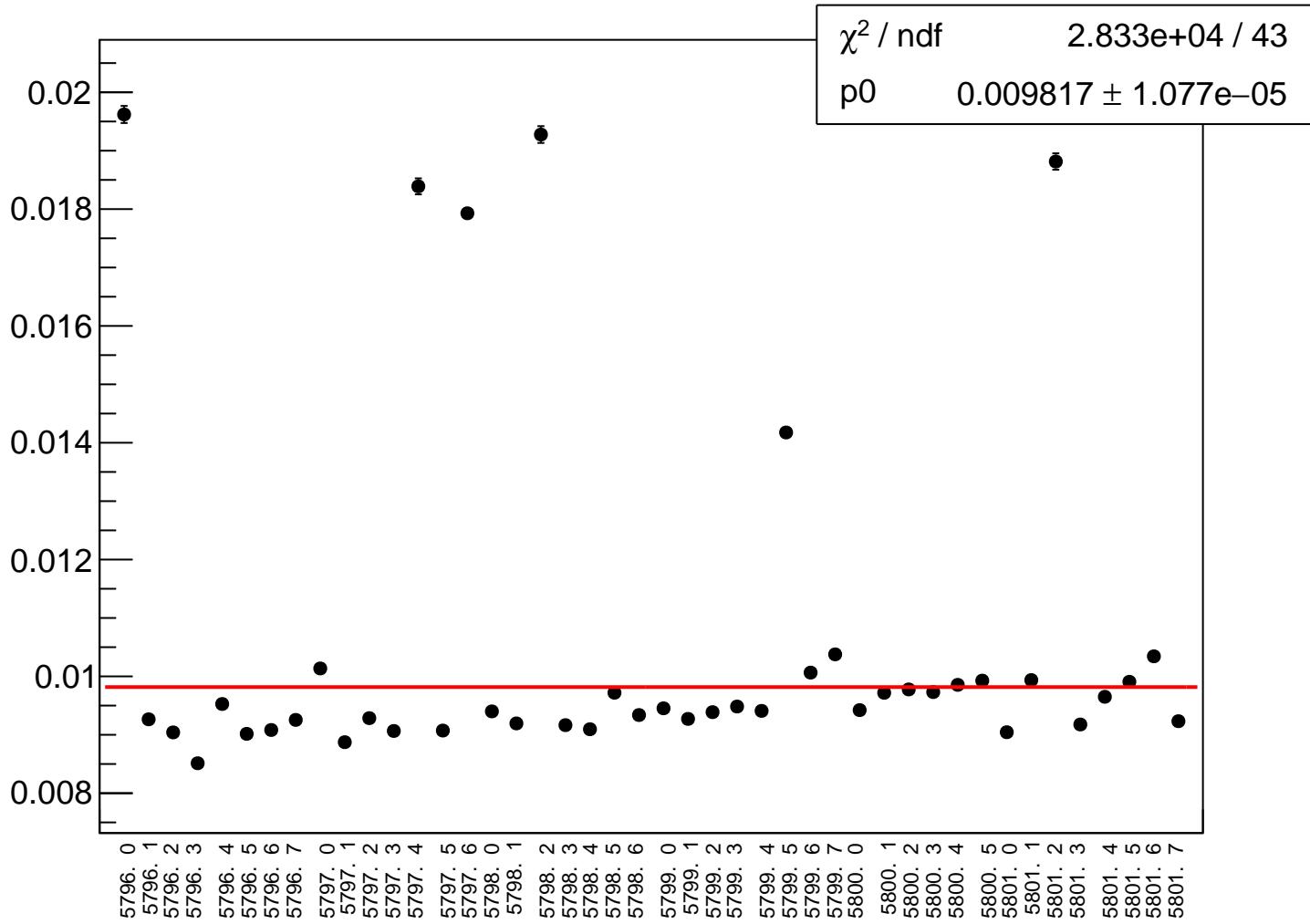
# yield\_bpm0i02aX\_rms vs run



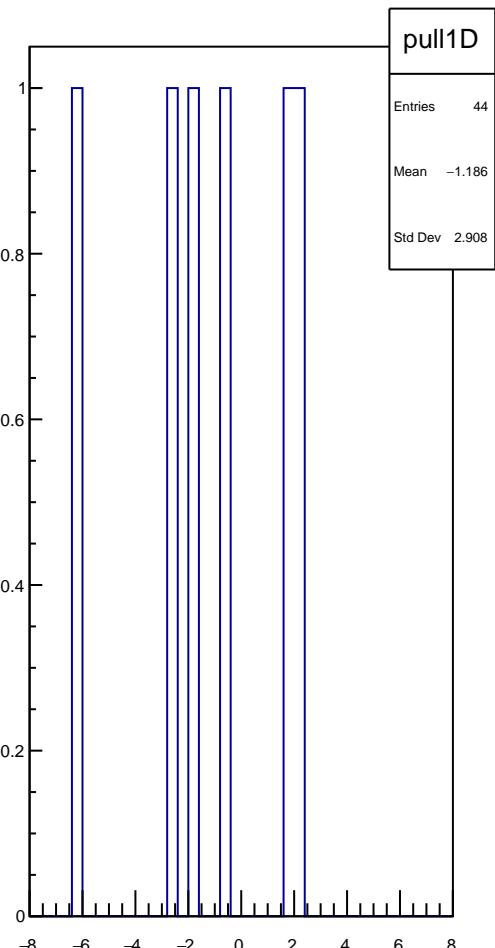
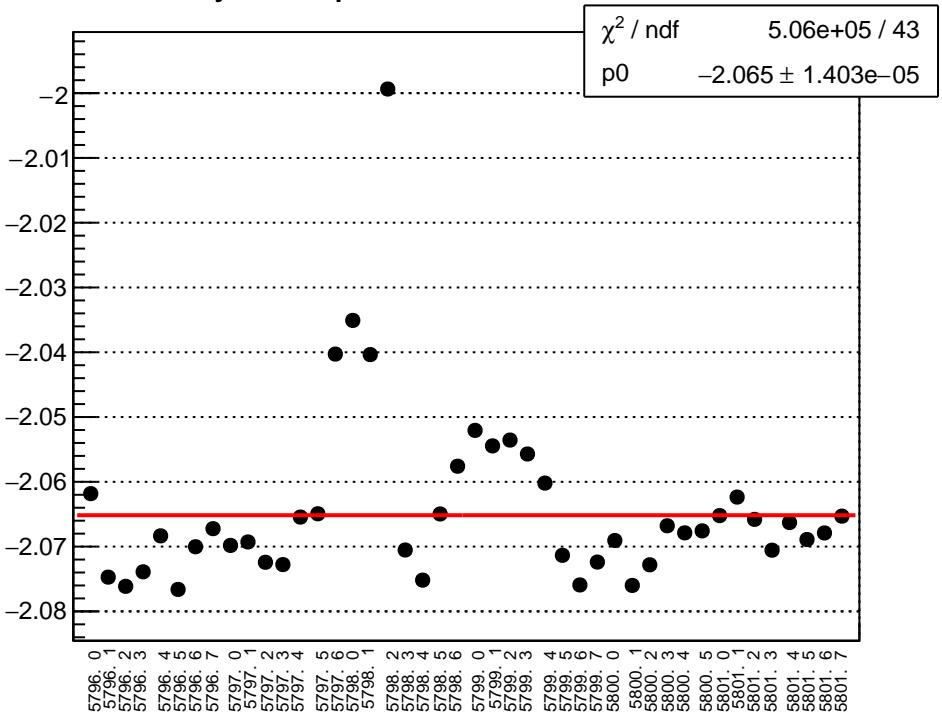
# yield\_bpm0i02aY\_mean vs run



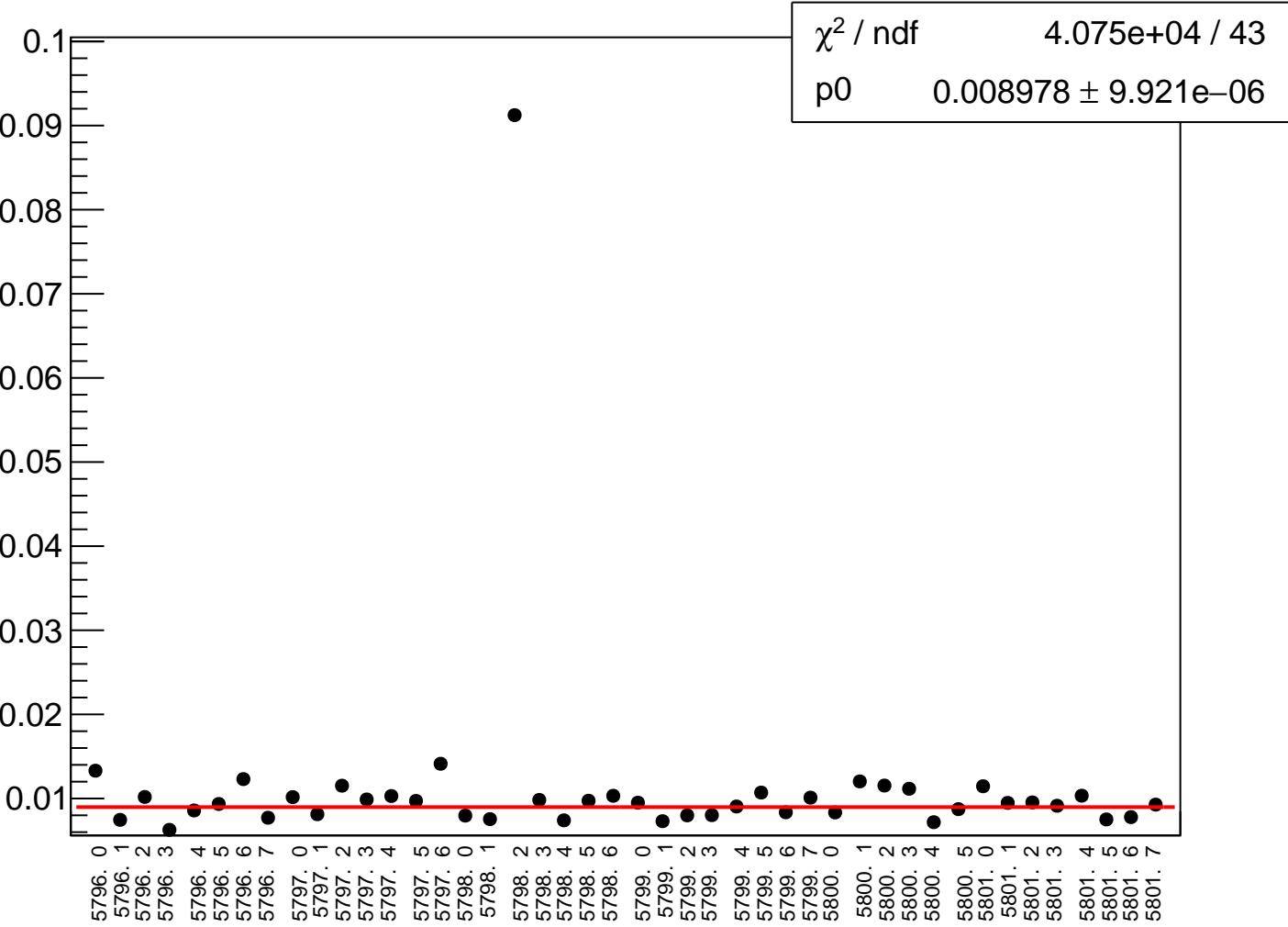
# yield\_bpm0i02aY\_rms vs run



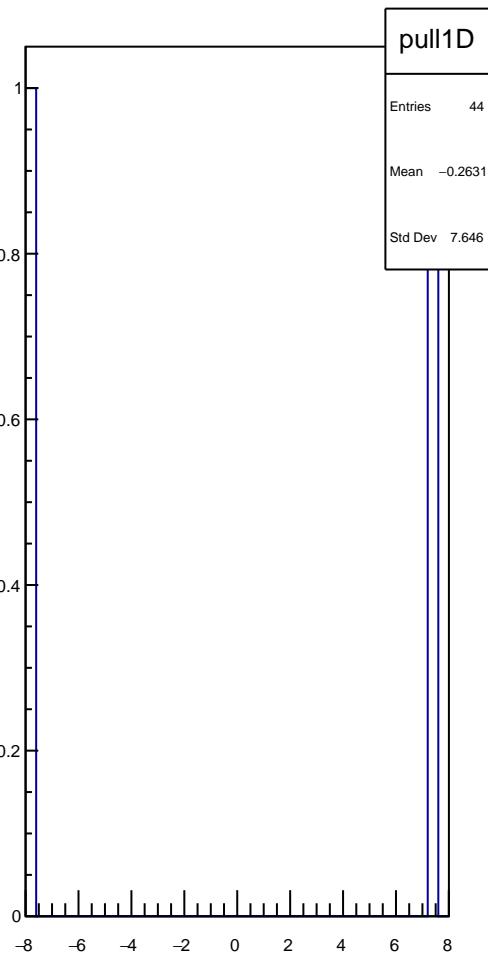
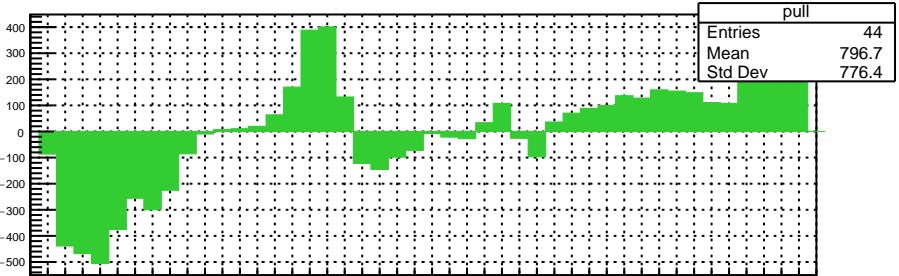
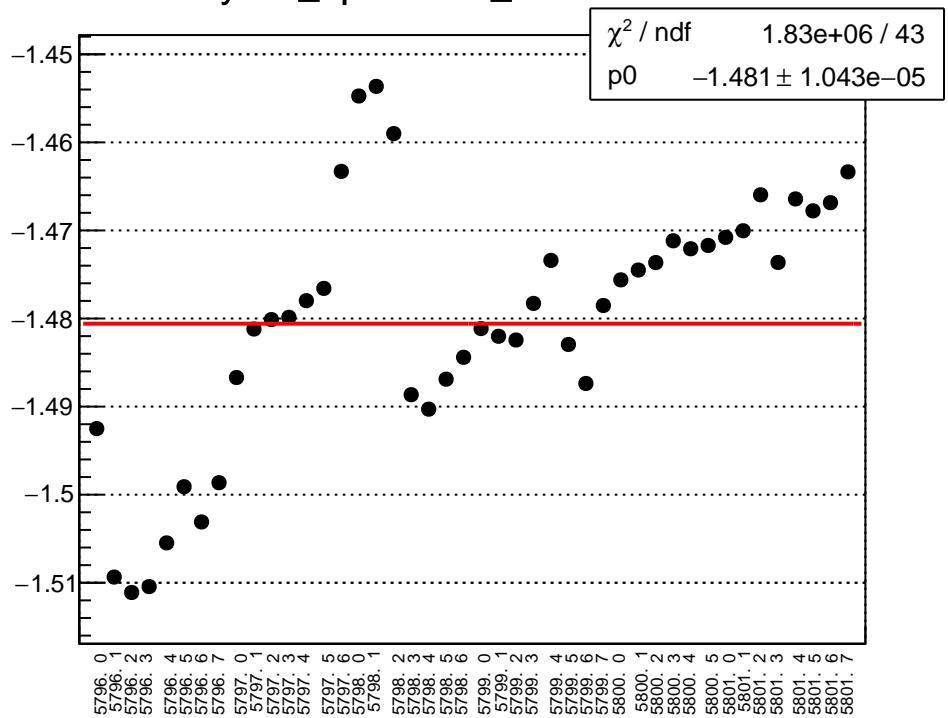
# yield\_bpm0i05X\_mean vs run



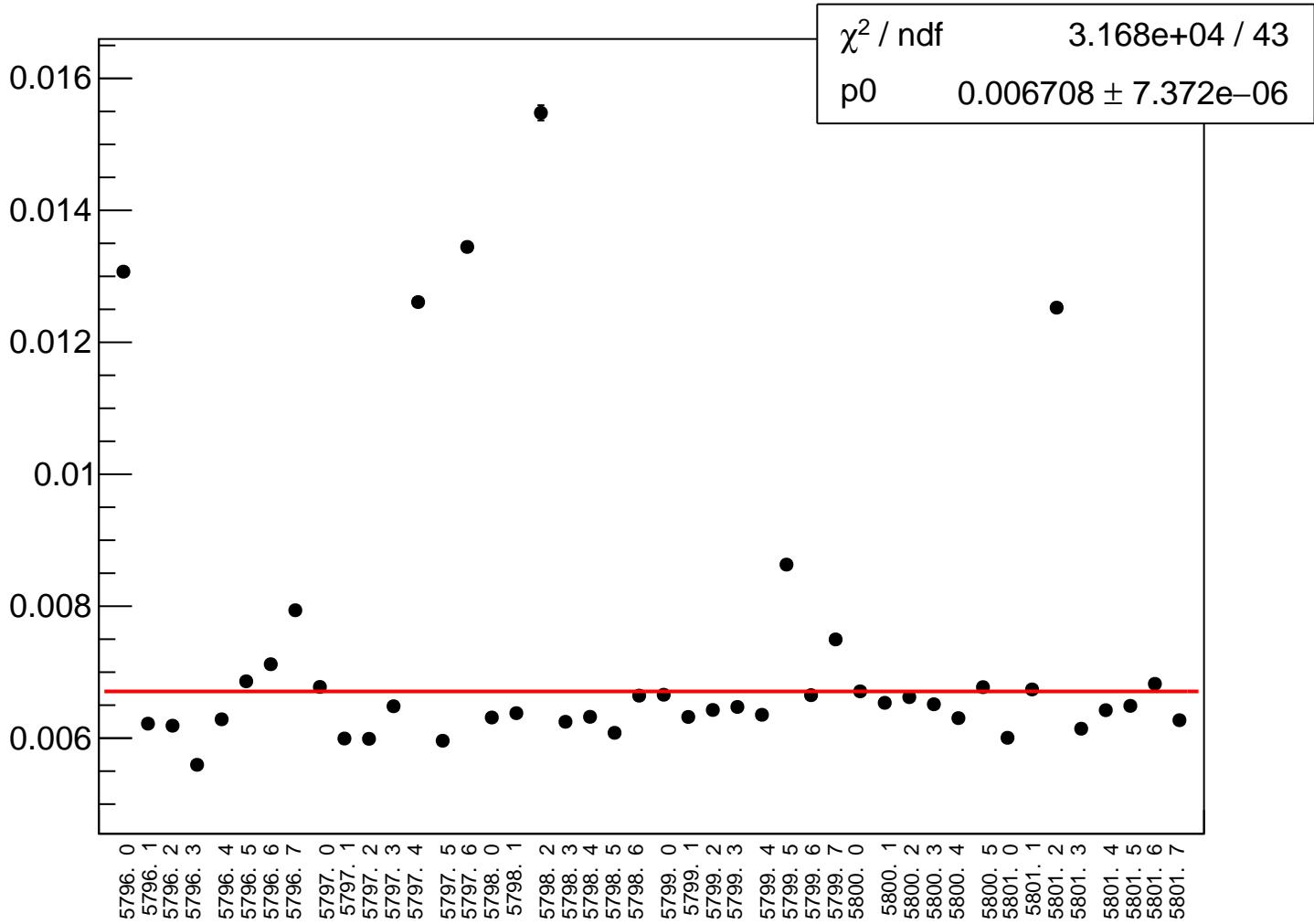
# yield\_bpm0i05X\_rms vs run

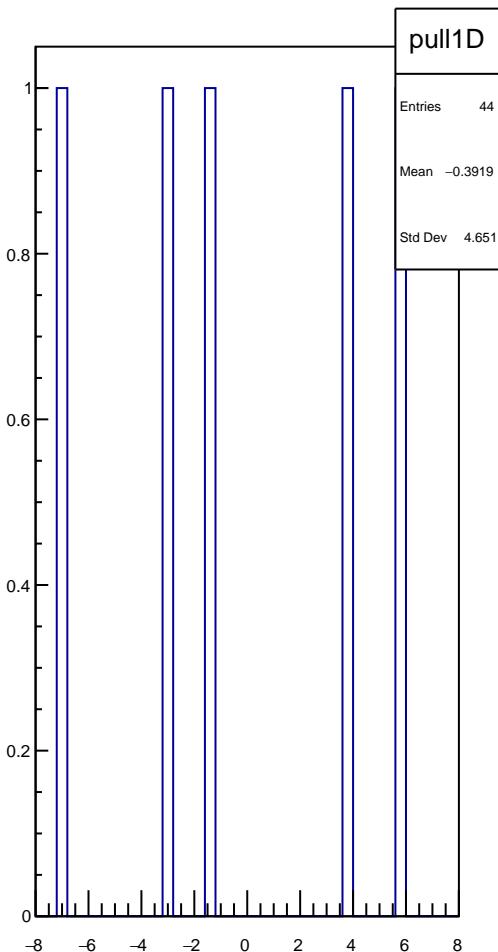
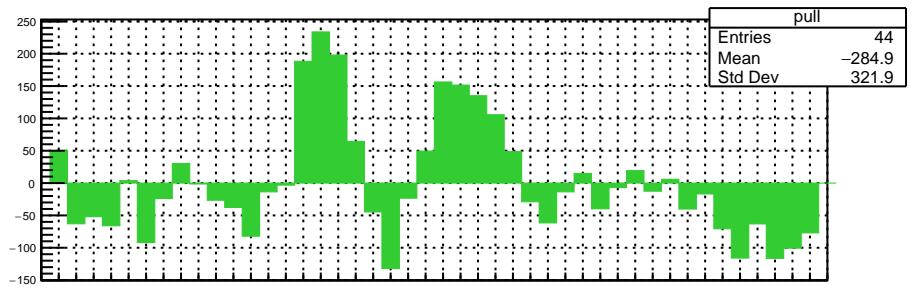
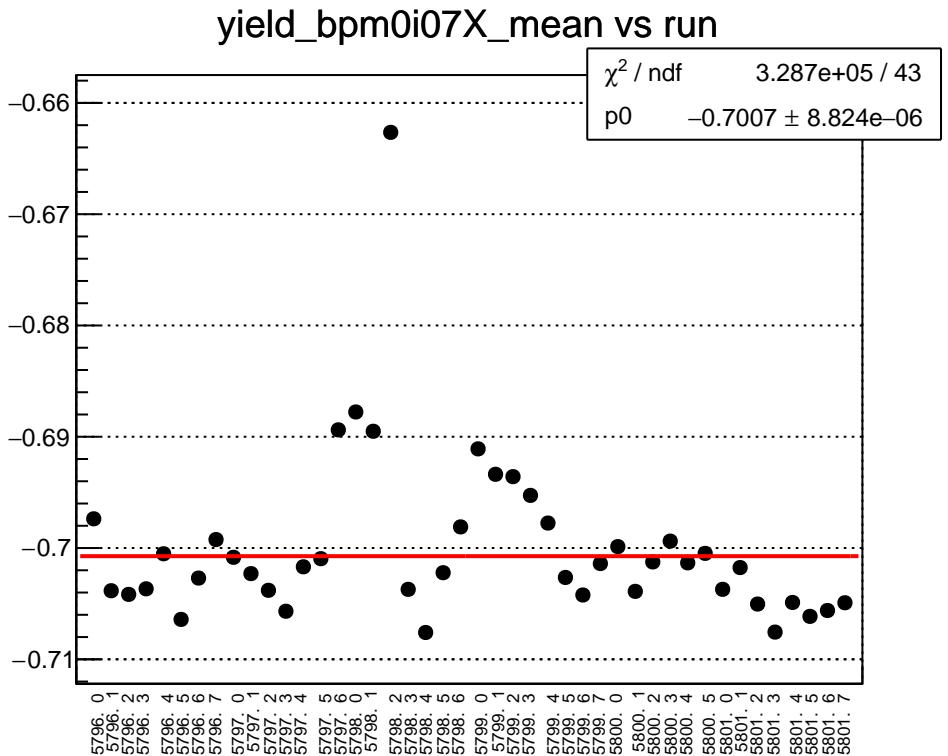


# yield\_bpm0i05Y\_mean vs run

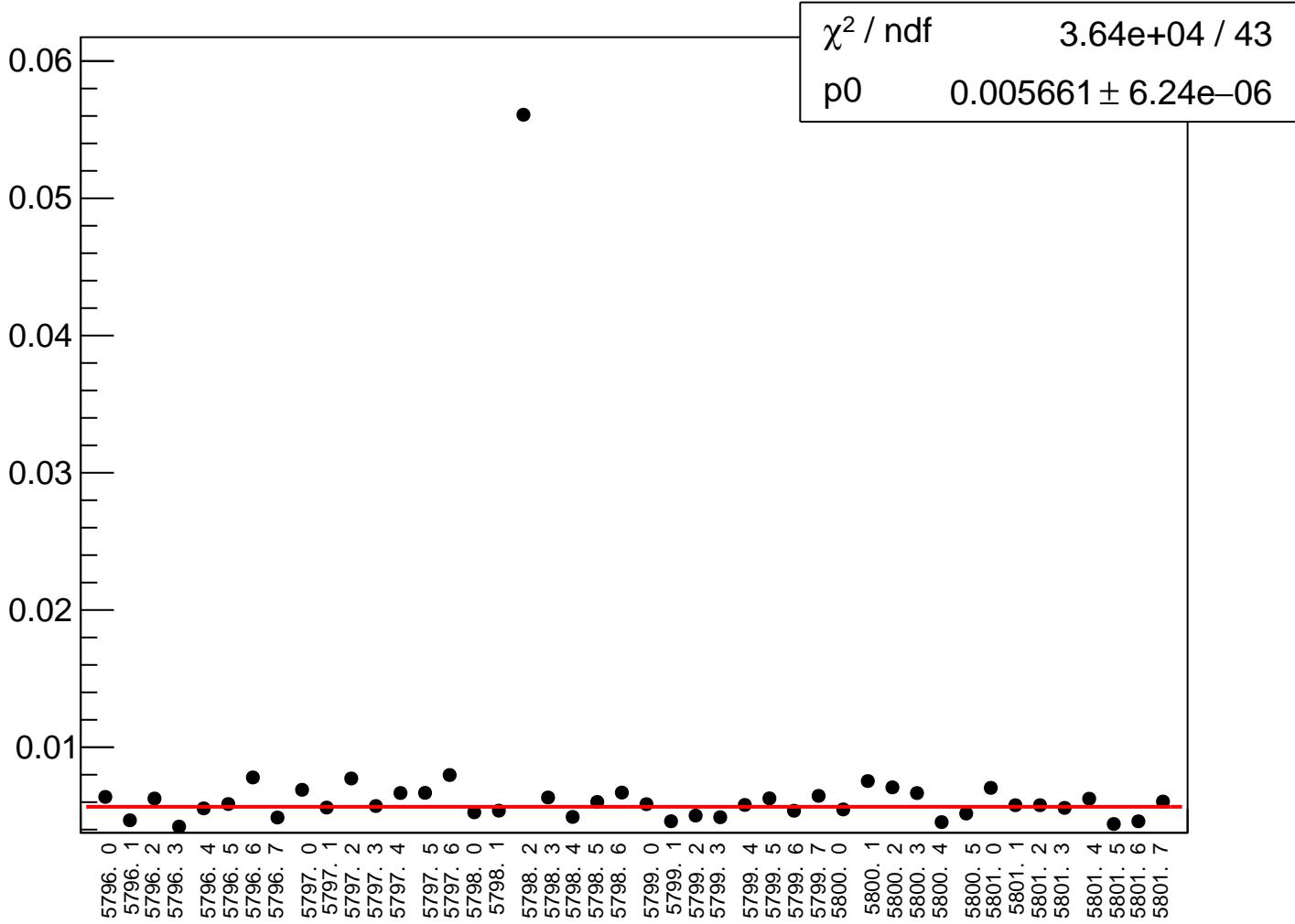


# yield\_bpm0i05Y\_rms vs run

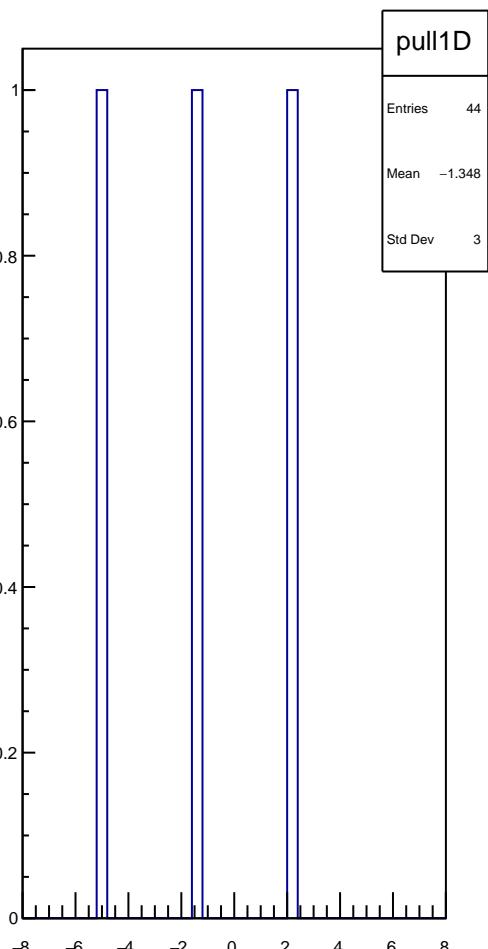
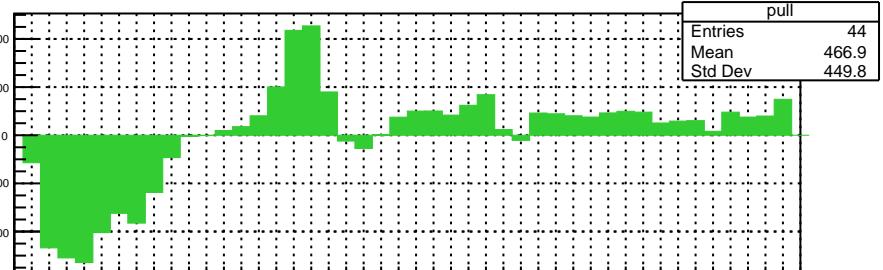
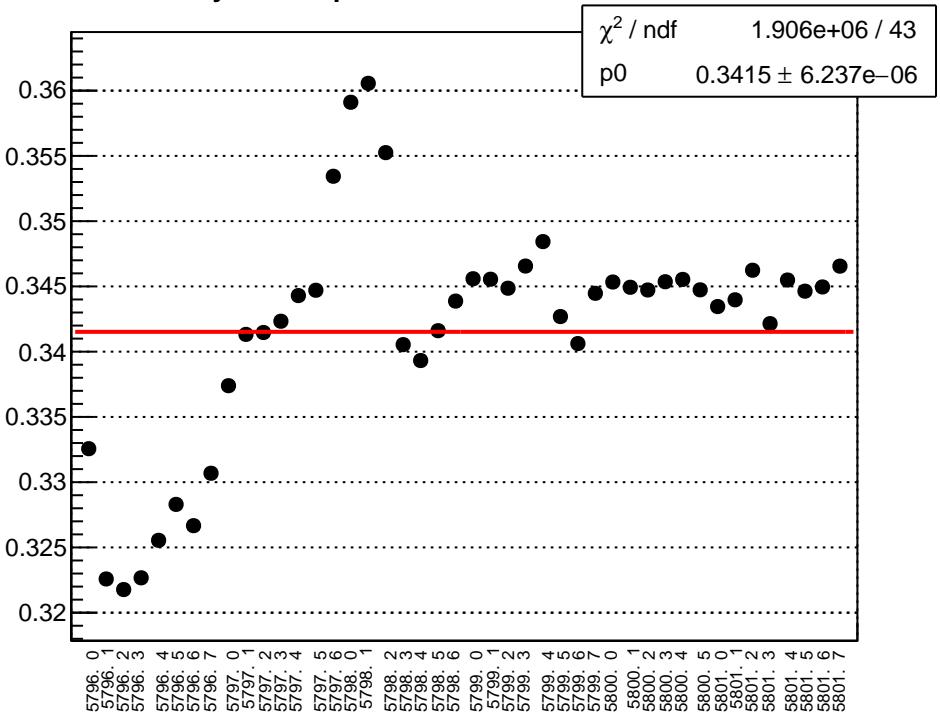




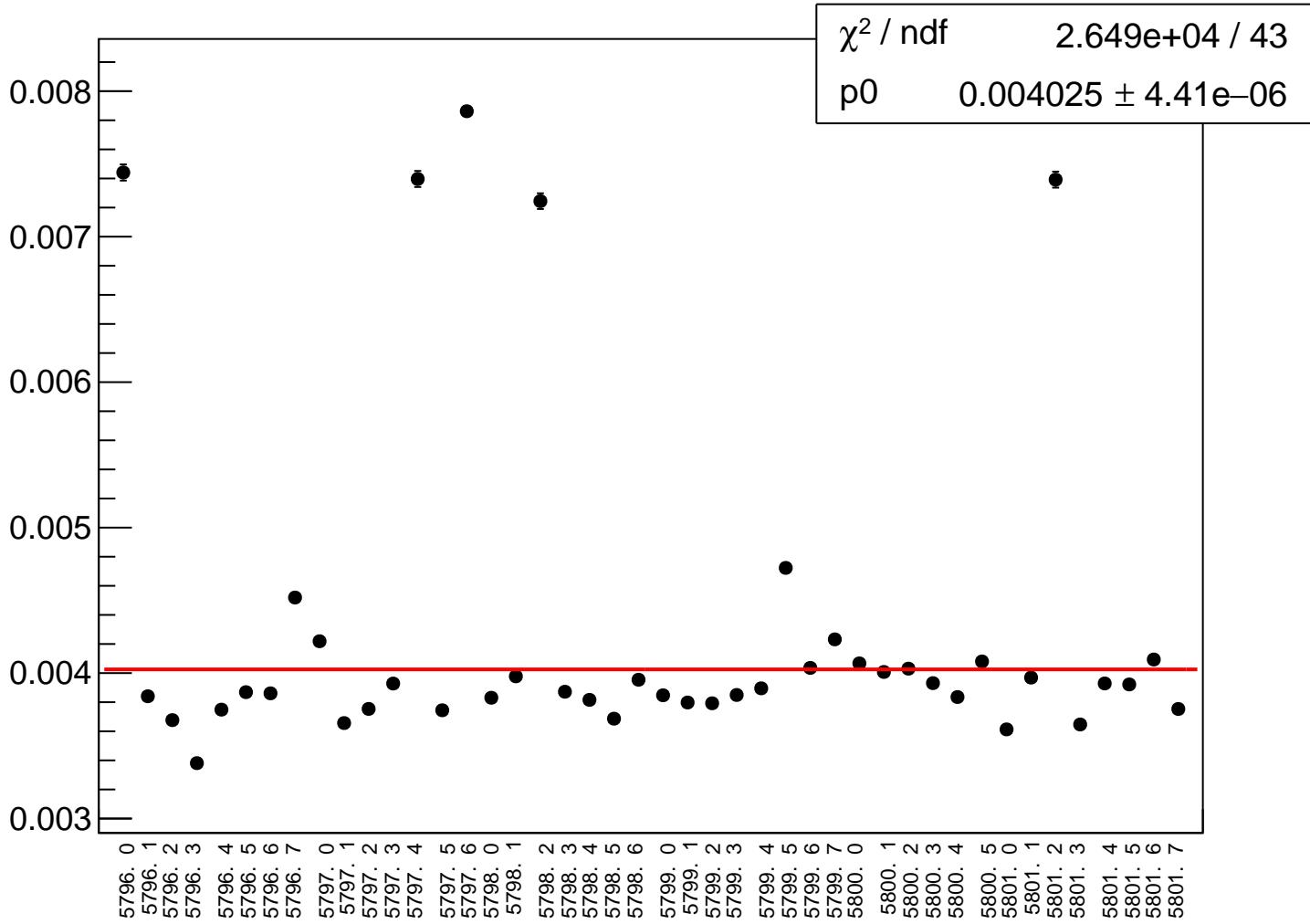
# yield\_bpm0i07X\_rms vs run



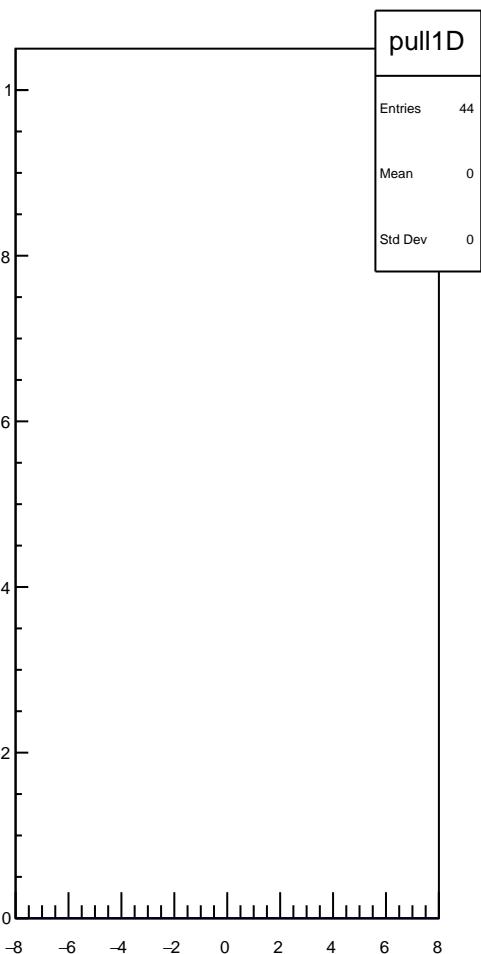
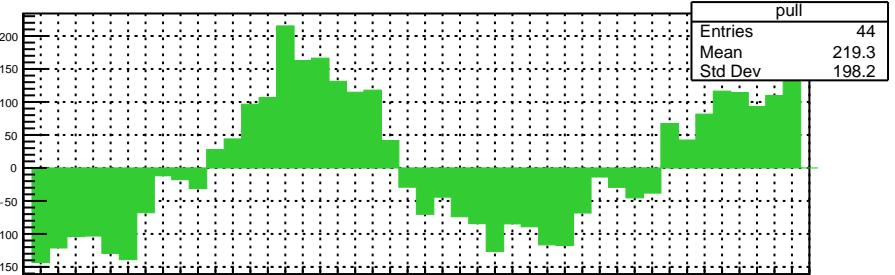
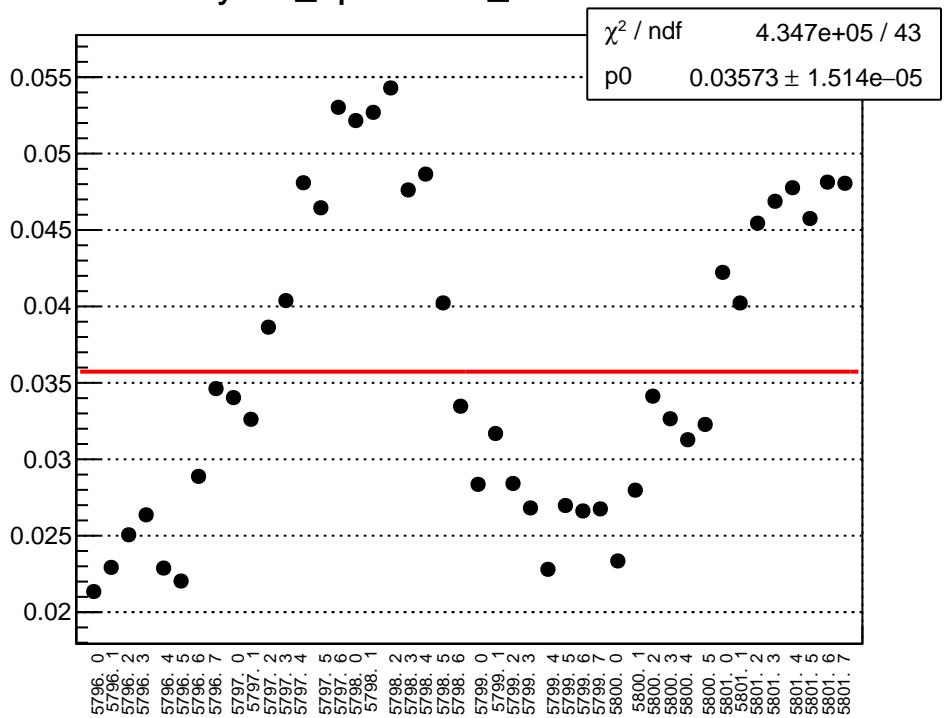
# yield\_bpm0i07Y\_mean vs run



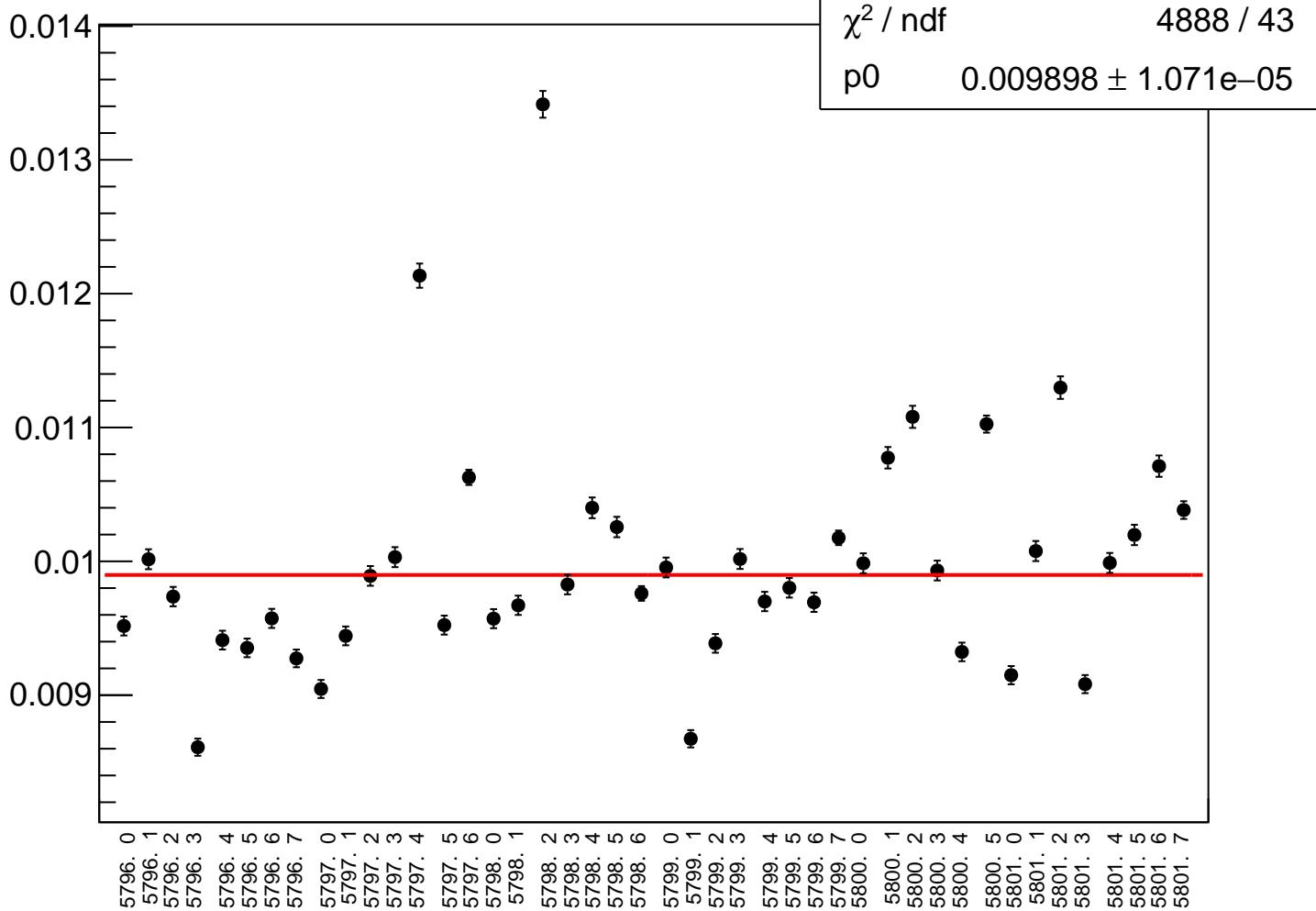
# yield\_bpm0i07Y\_rms vs run



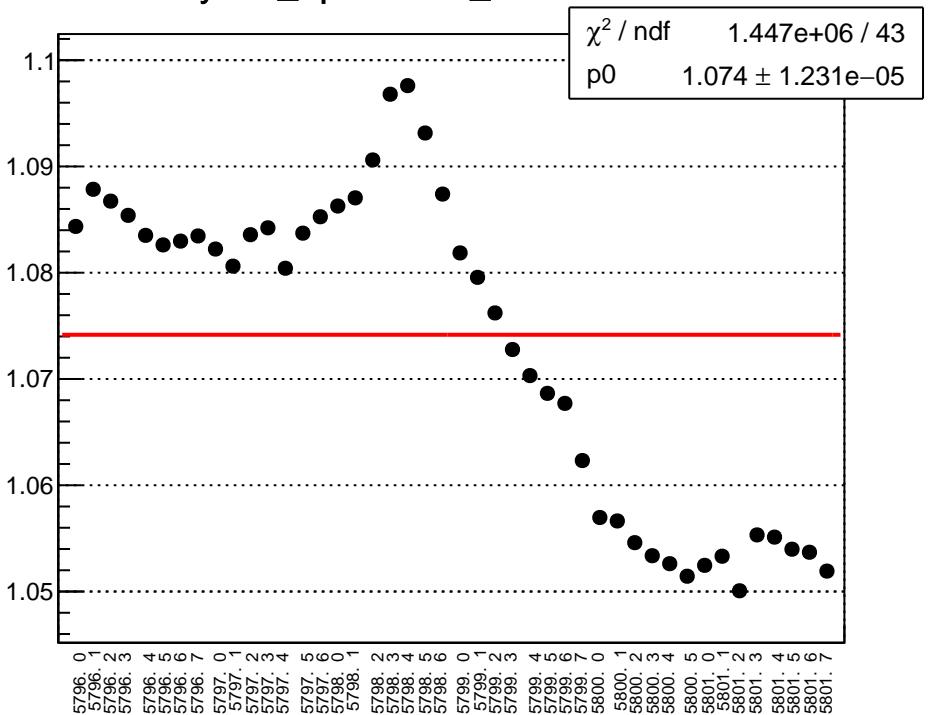
# yield\_bpm1i02X\_mean vs run



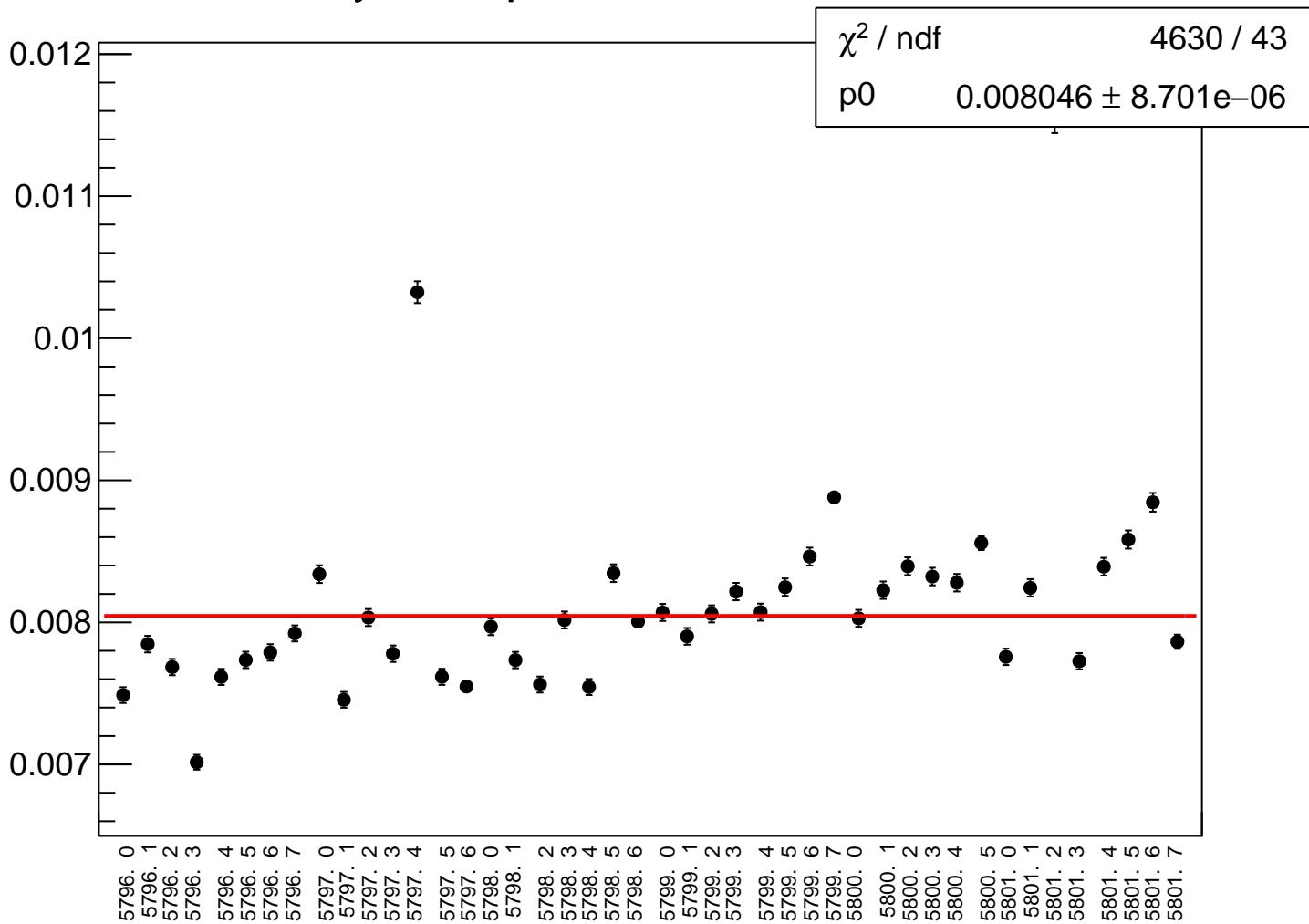
# yield\_bpm1i02X\_rms vs run

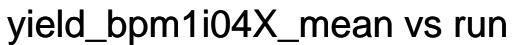


# yield\_bpm1i02Y\_mean vs run

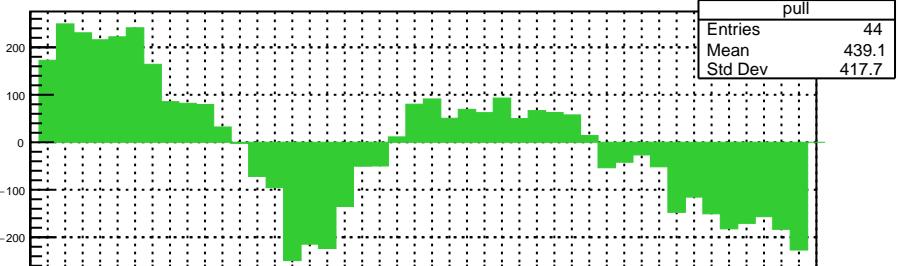
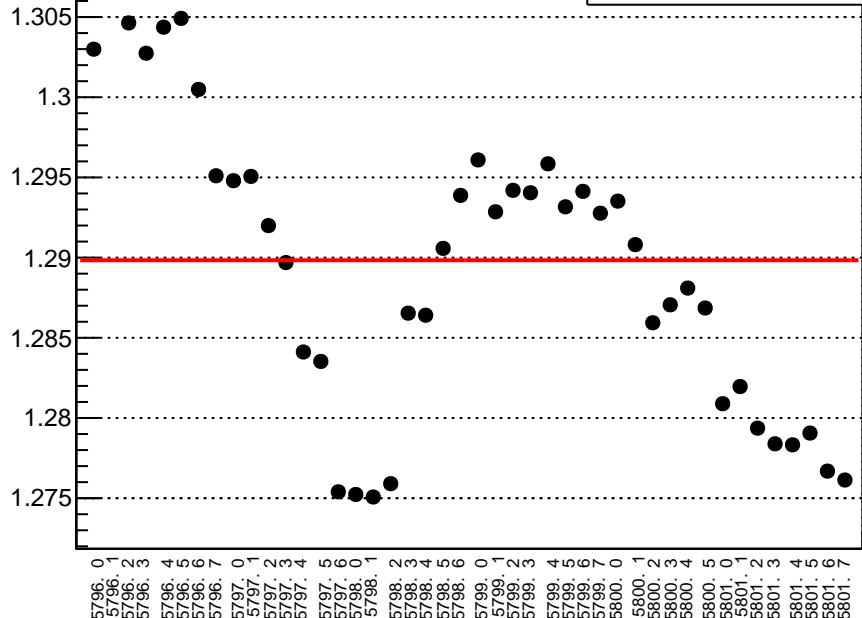


# yield\_bpm1i02Y\_rms vs run





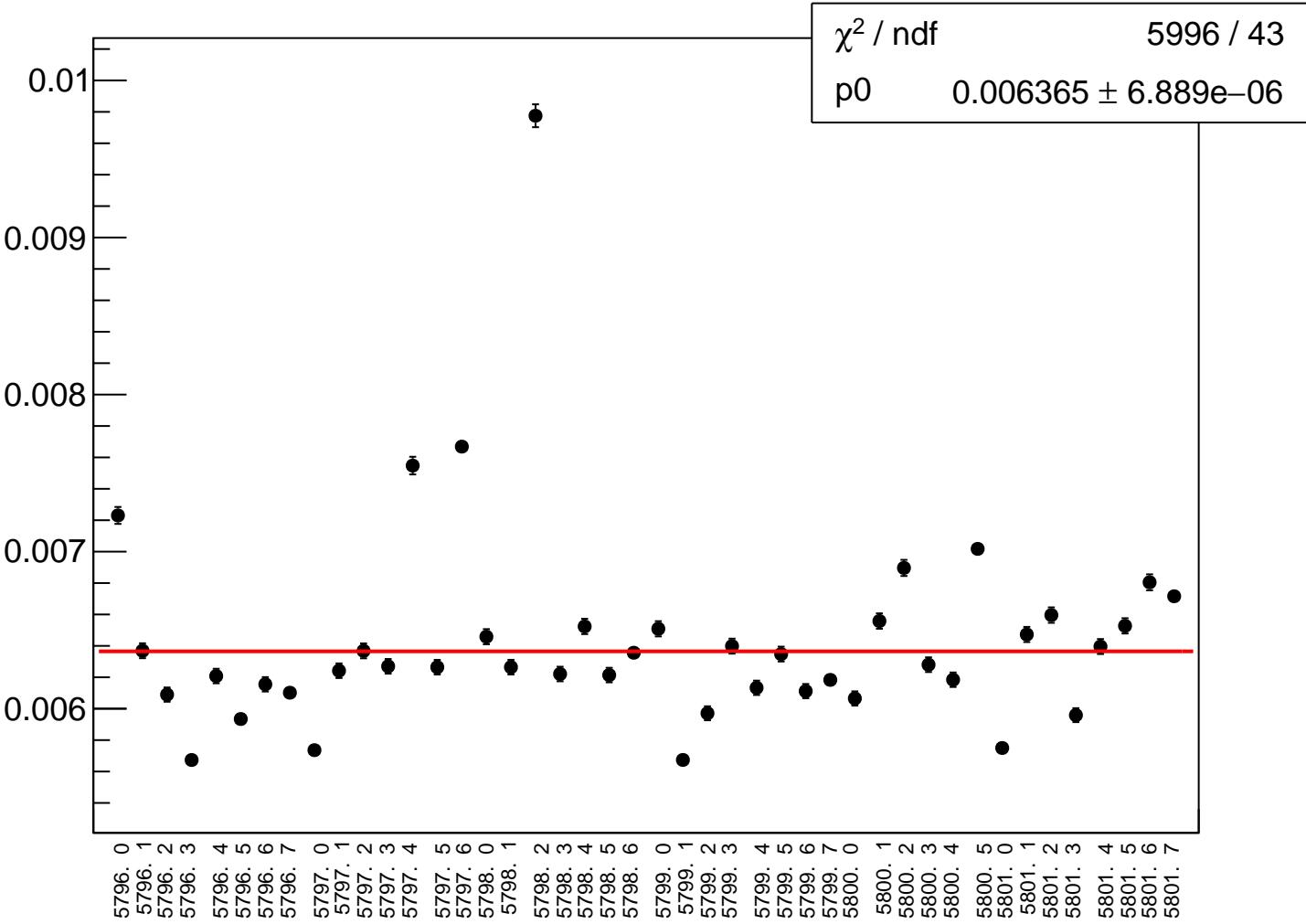
$\chi^2 / \text{ndf}$  8.299e+05 / 43  
 p0  $1.29 \pm 9.743\text{e-}06$



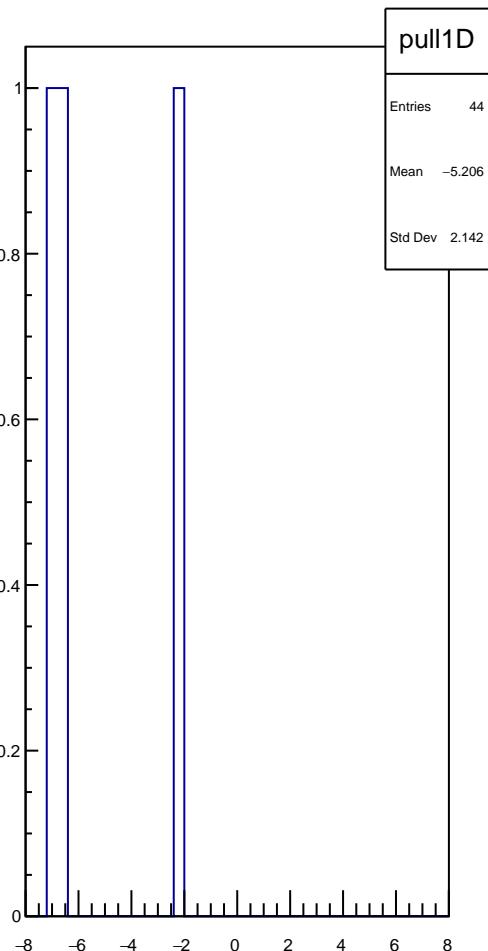
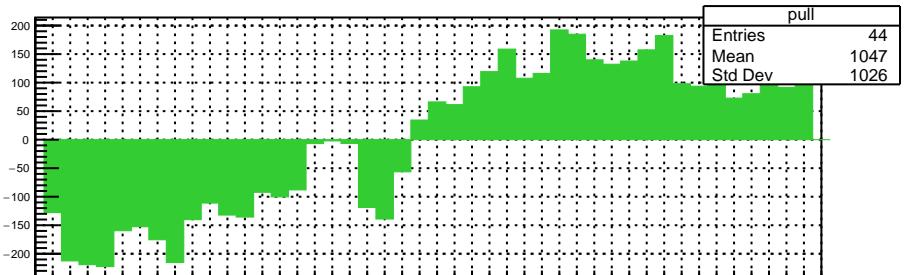
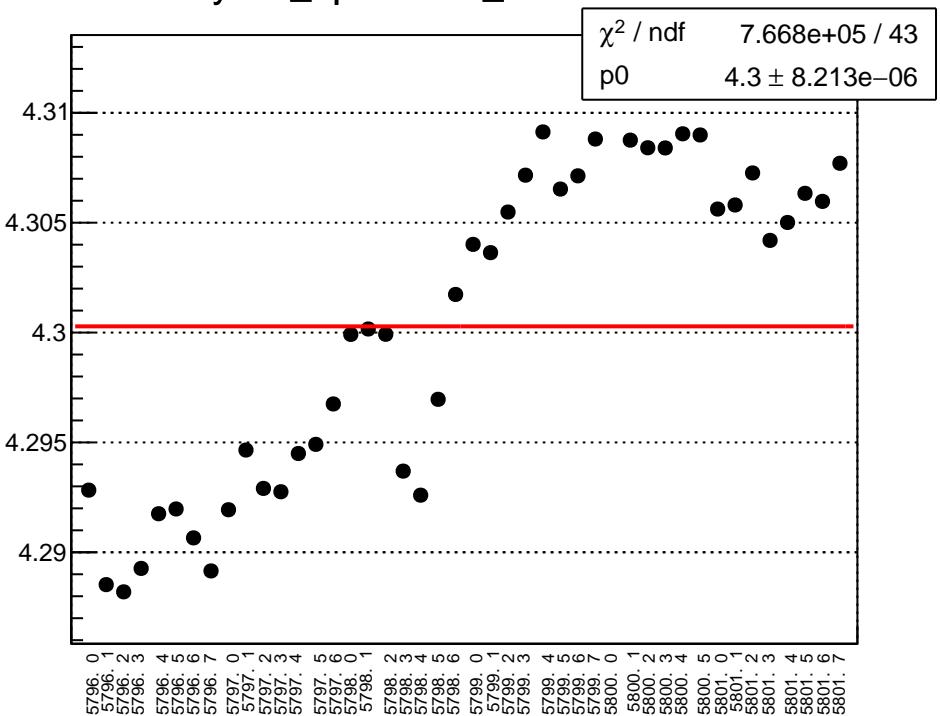
A histogram showing the distribution of `pullID`. The x-axis ranges from -8 to 8, and the y-axis ranges from 0 to 10. The distribution is highly peaked at  $x = -2$ , with a maximum value of approximately 10. A summary box on the right provides the following statistics:

Statistic	Value
Entries	44
Mean	-2.203
Std Dev	0

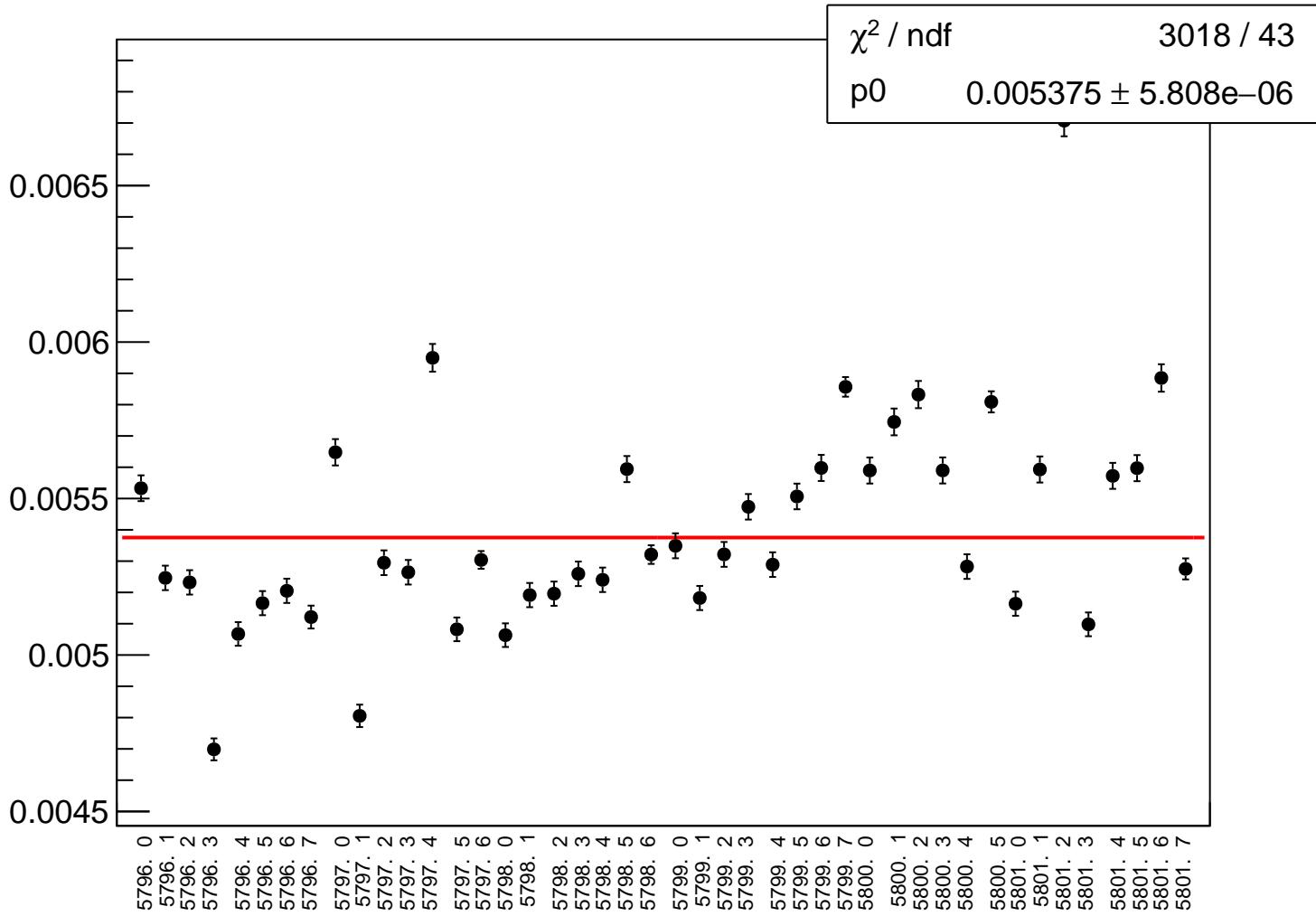
# yield\_bpm1i04X\_rms vs run



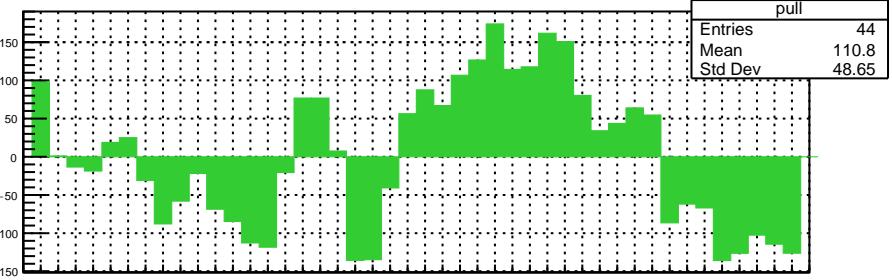
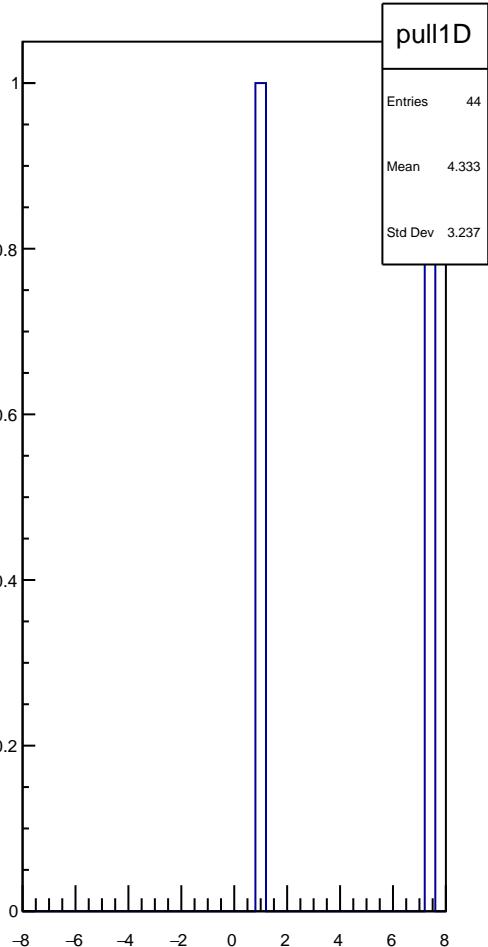
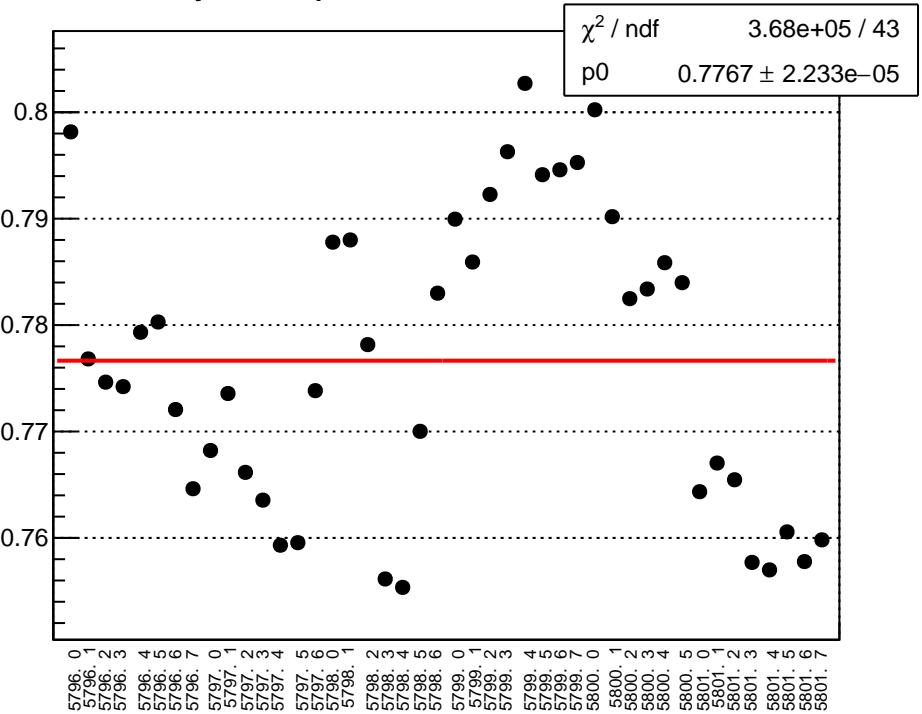
# yield\_bpm1i04Y\_mean vs run



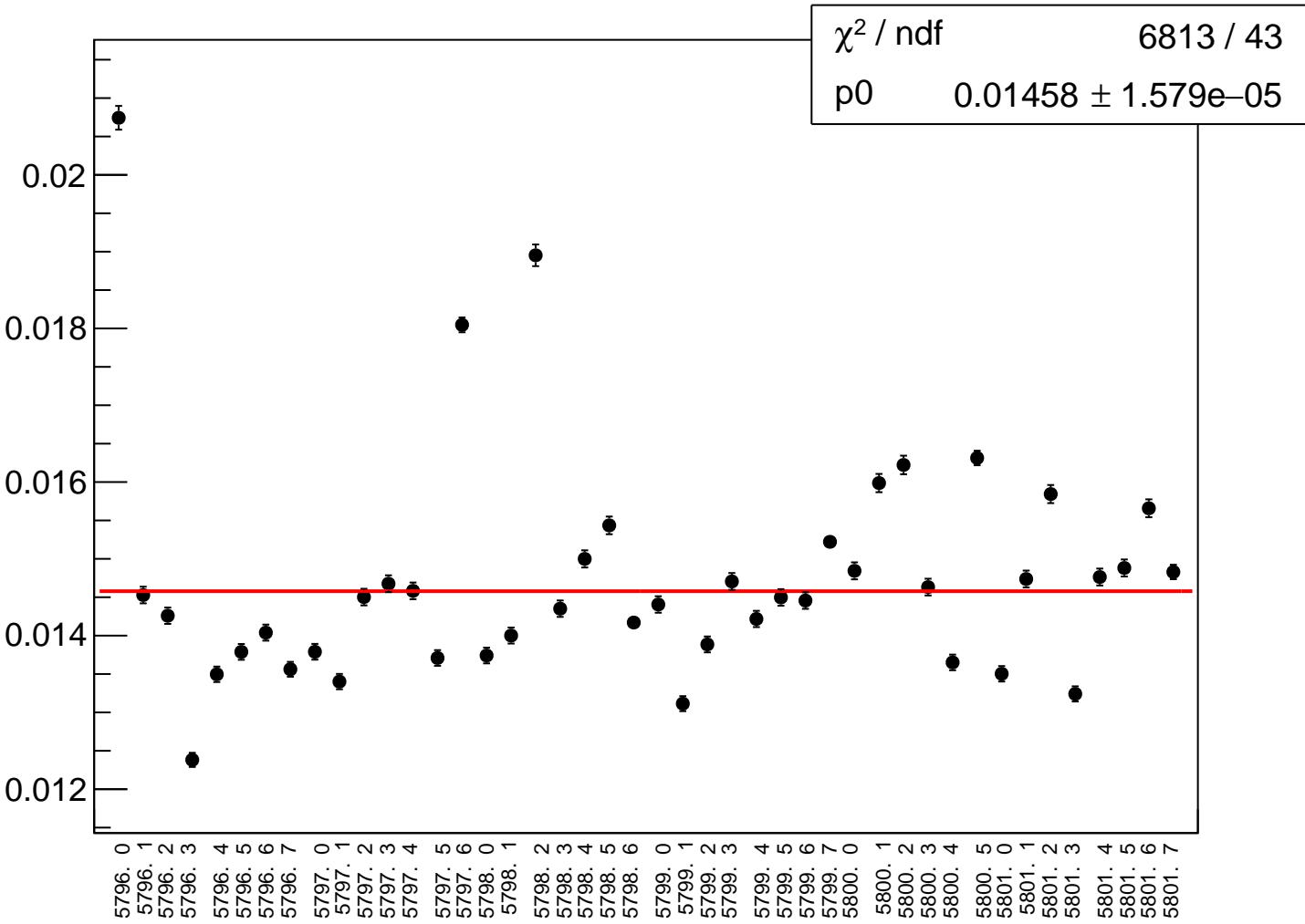
# yield\_bpm1i04Y\_rms vs run



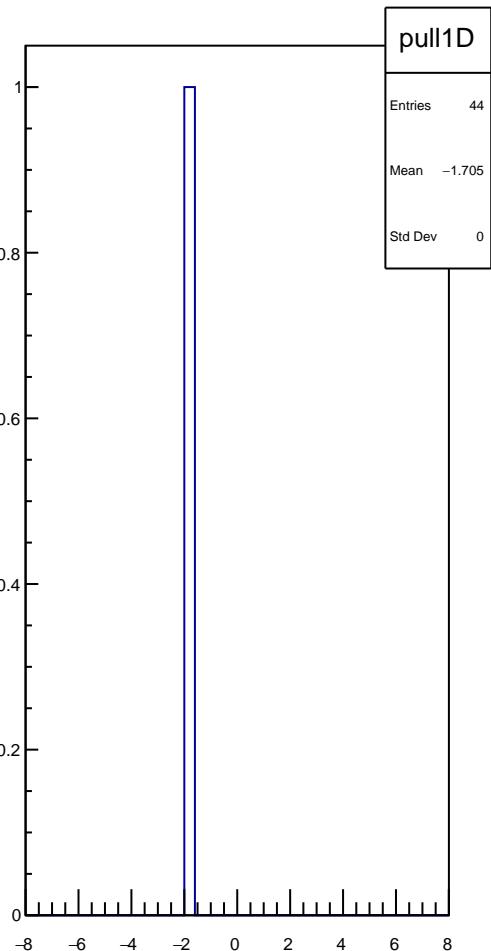
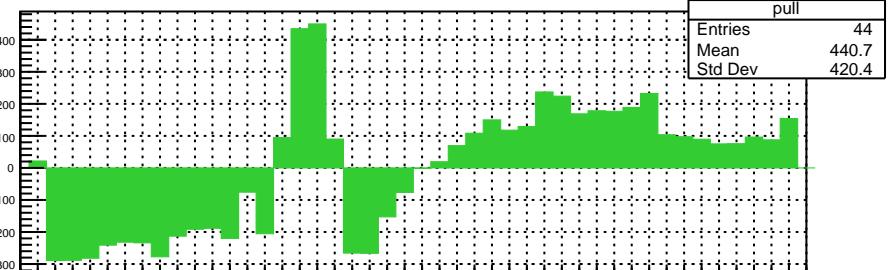
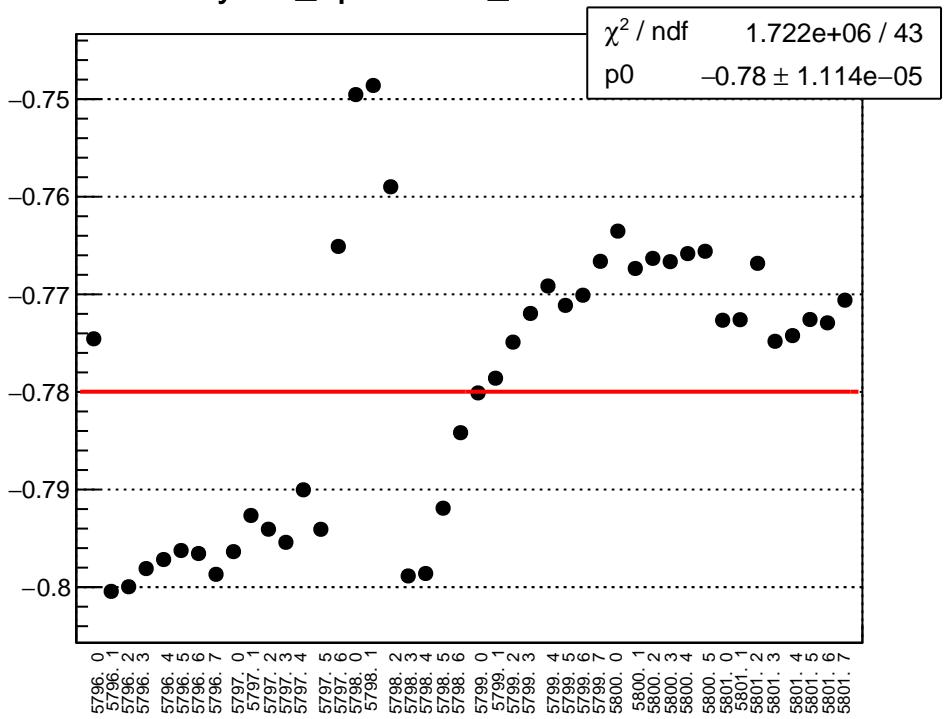
# yield\_bpm1i06X\_mean vs run



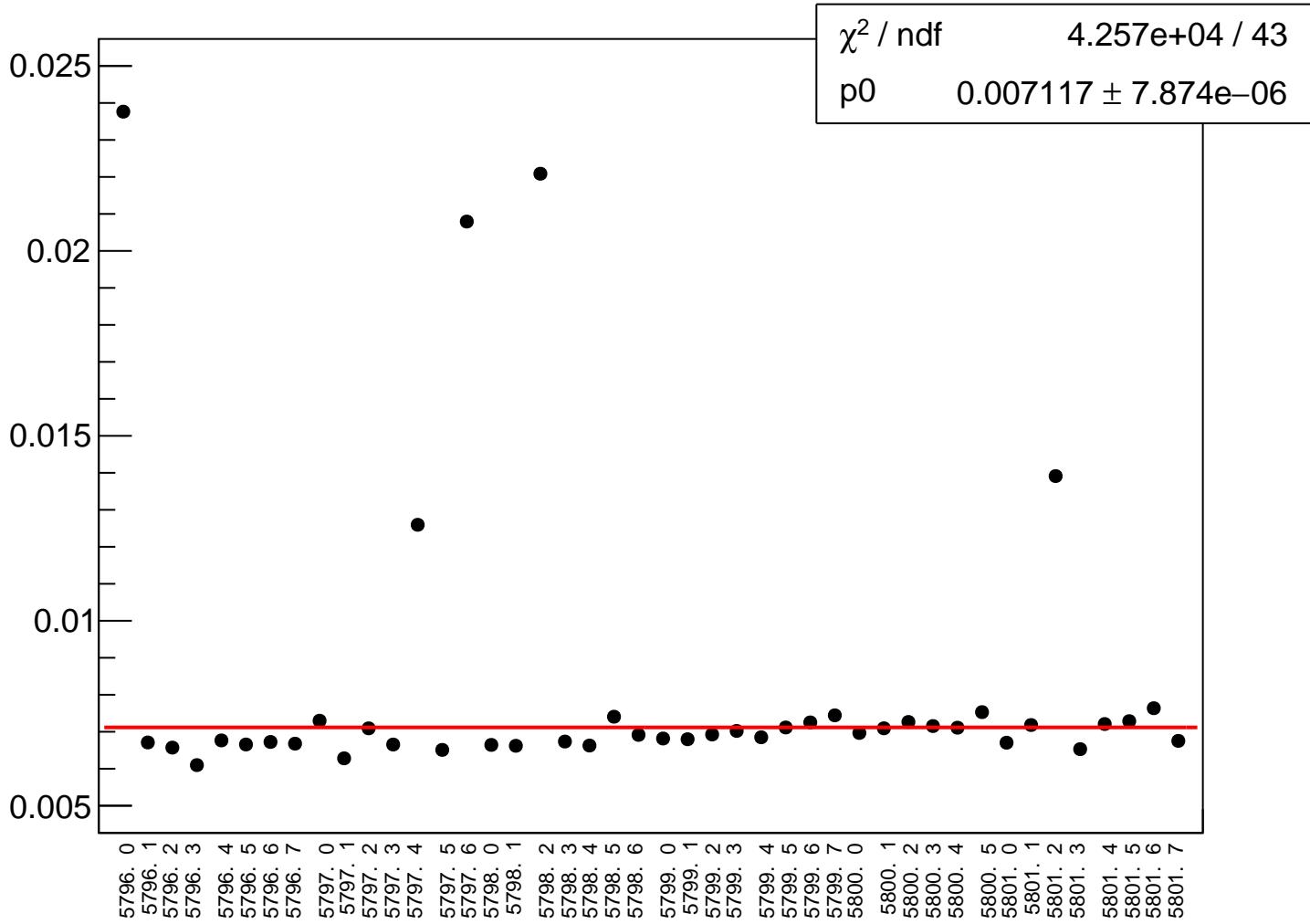
# yield\_bpm1i06X\_rms vs run



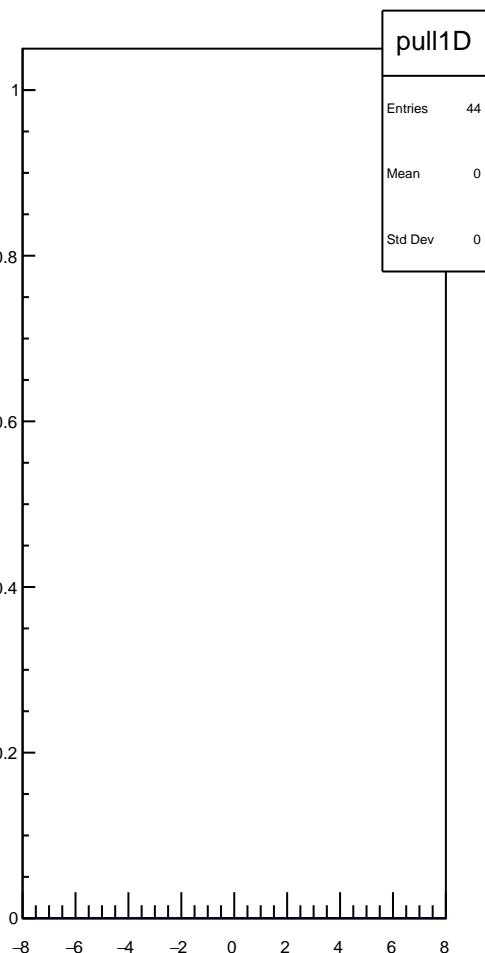
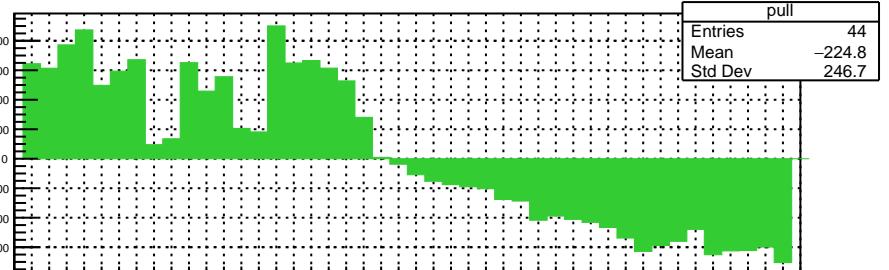
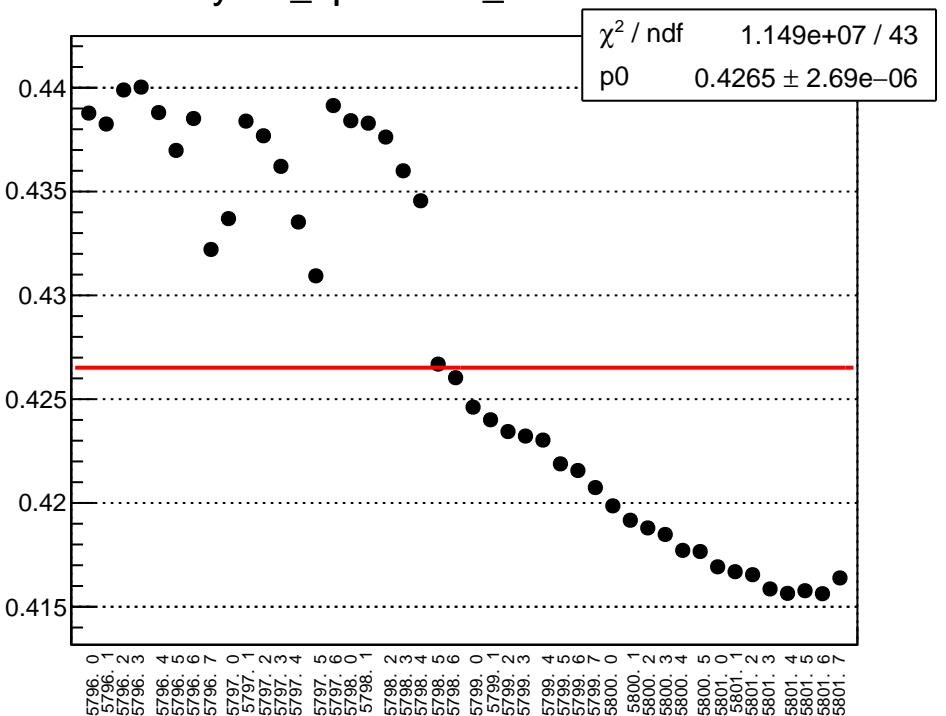
# yield\_bpm1i06Y\_mean vs run



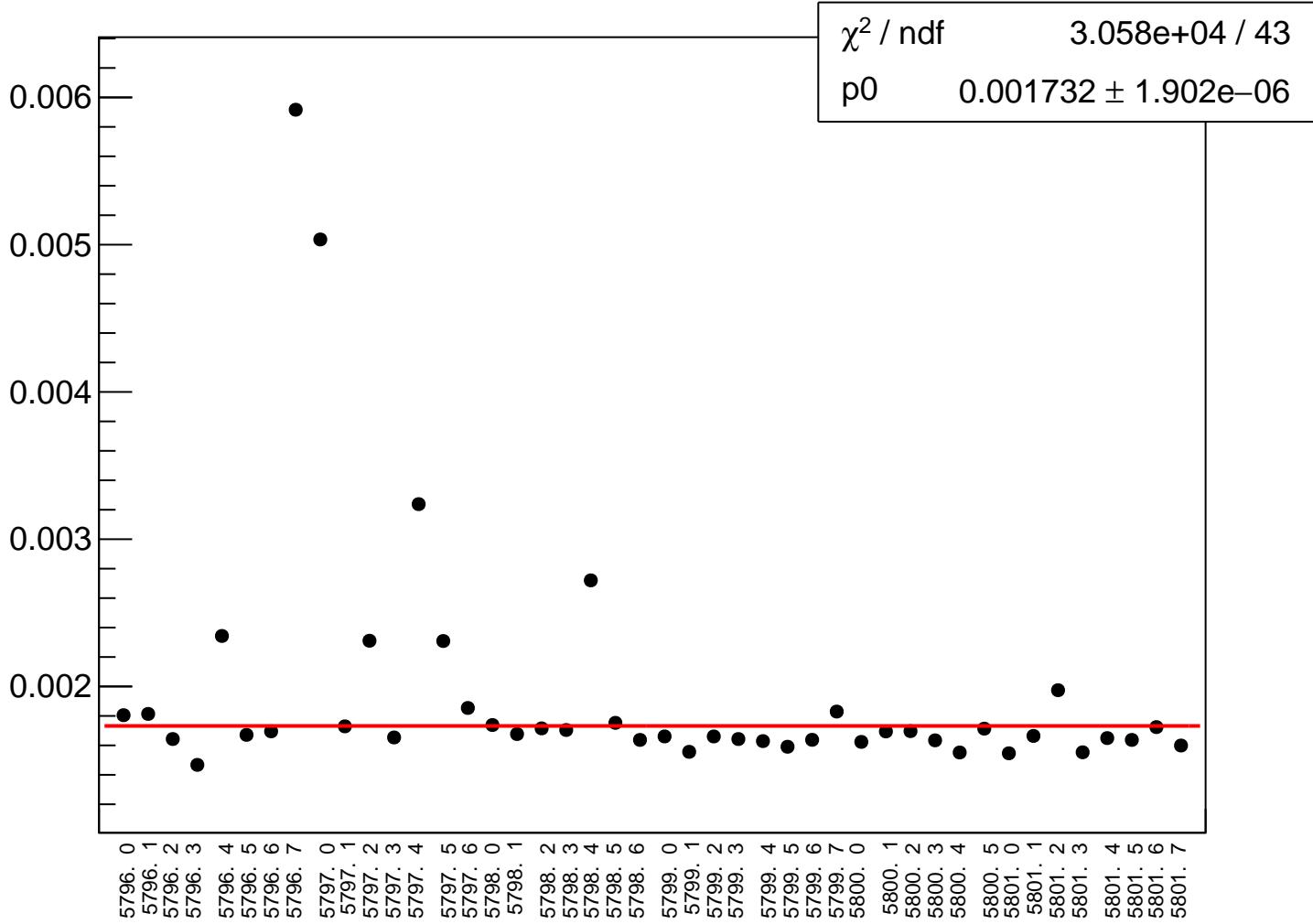
# yield\_bpm1i06Y\_rms vs run



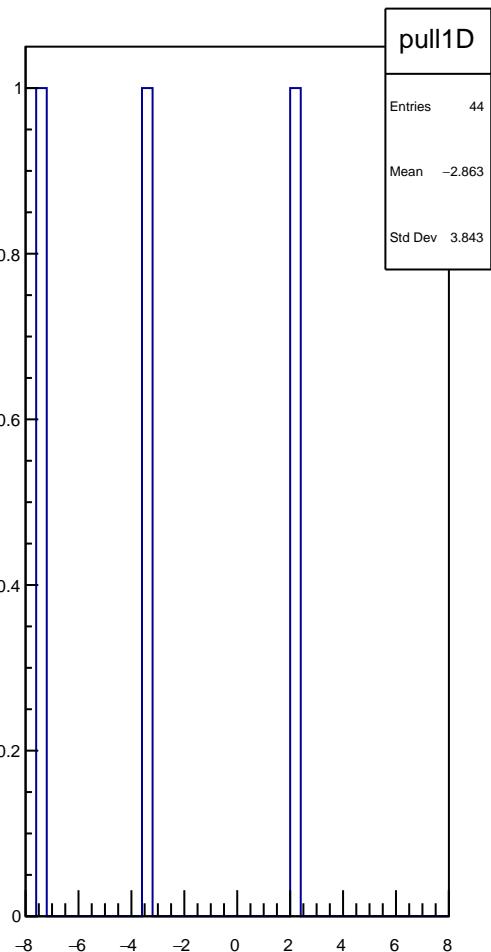
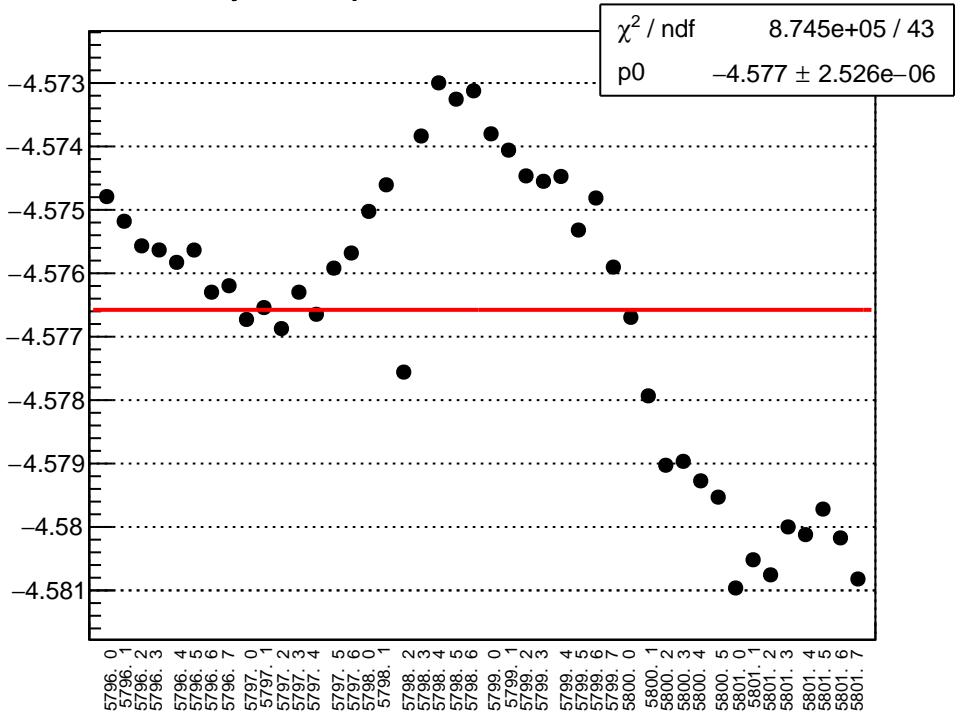
# yield\_bpm2i01X\_mean vs run



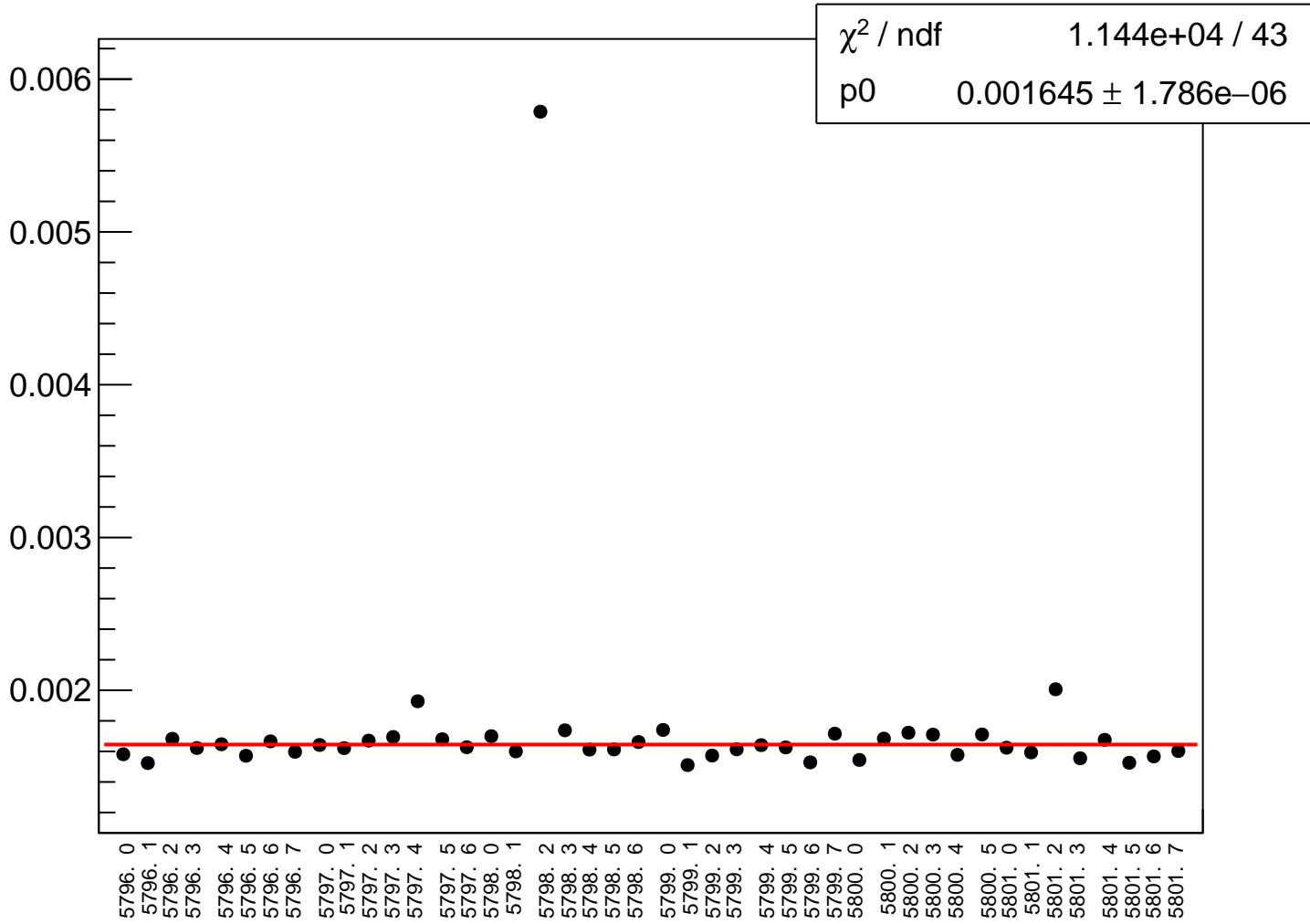
# yield\_bpm2i01X\_rms vs run



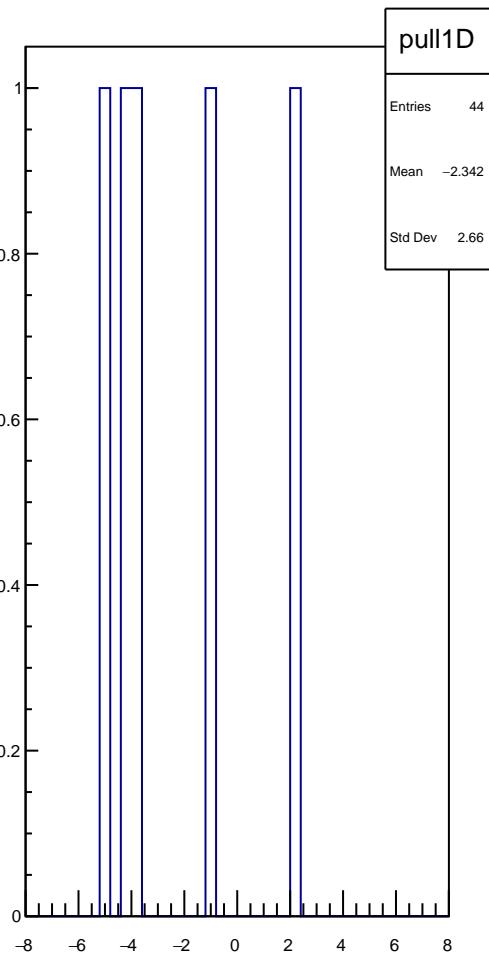
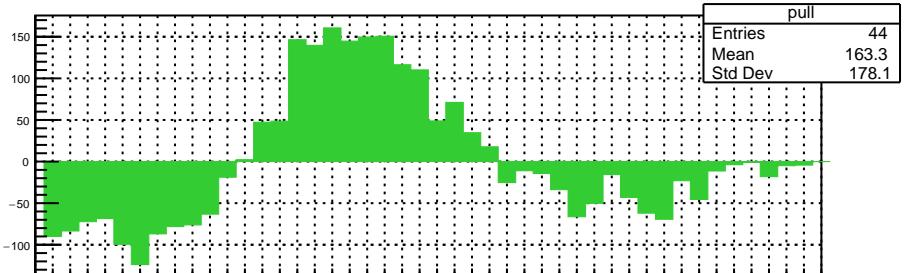
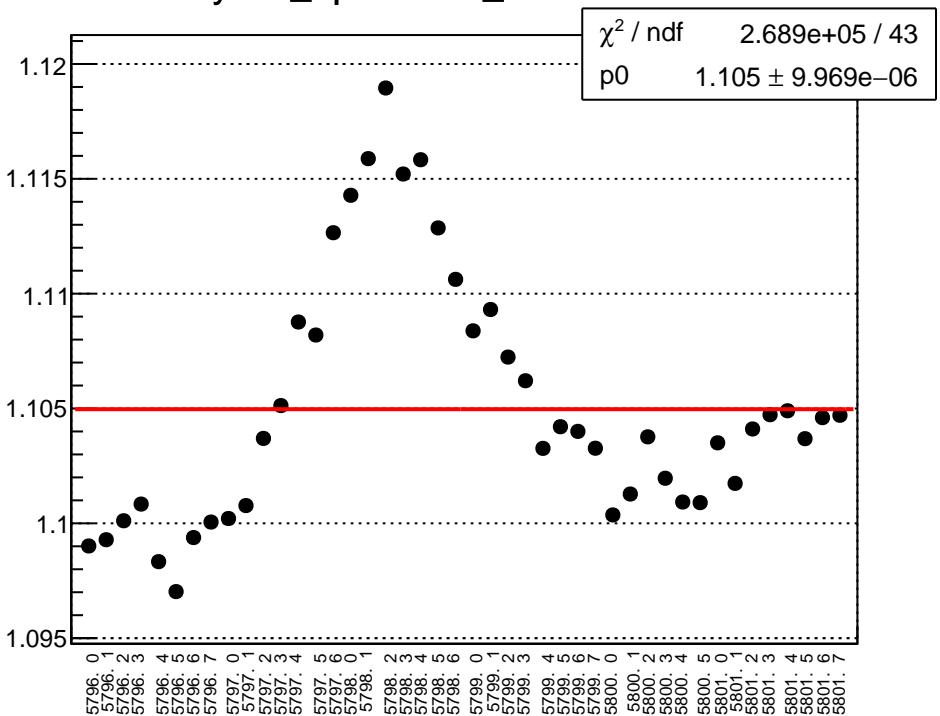
# yield\_bpm2i01Y\_mean vs run



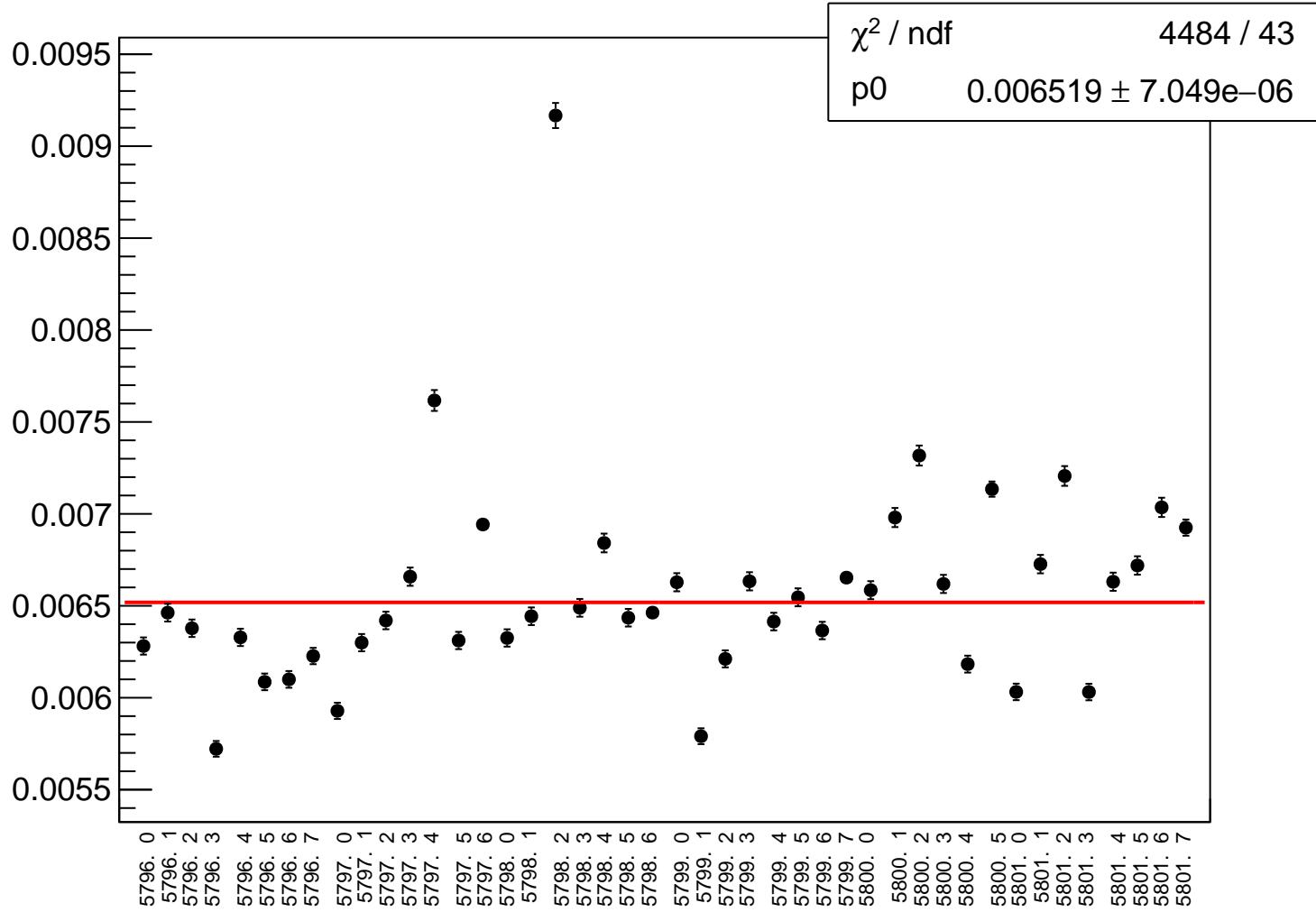
# yield\_bpm2i01Y\_rms vs run



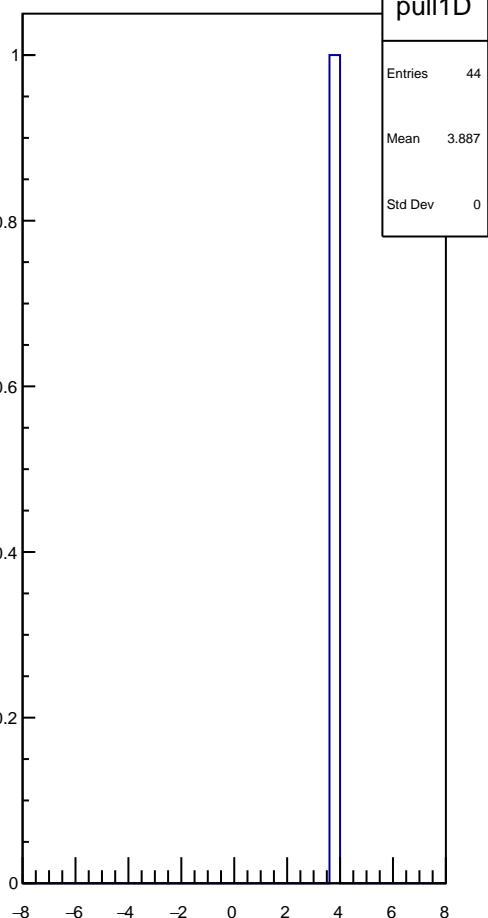
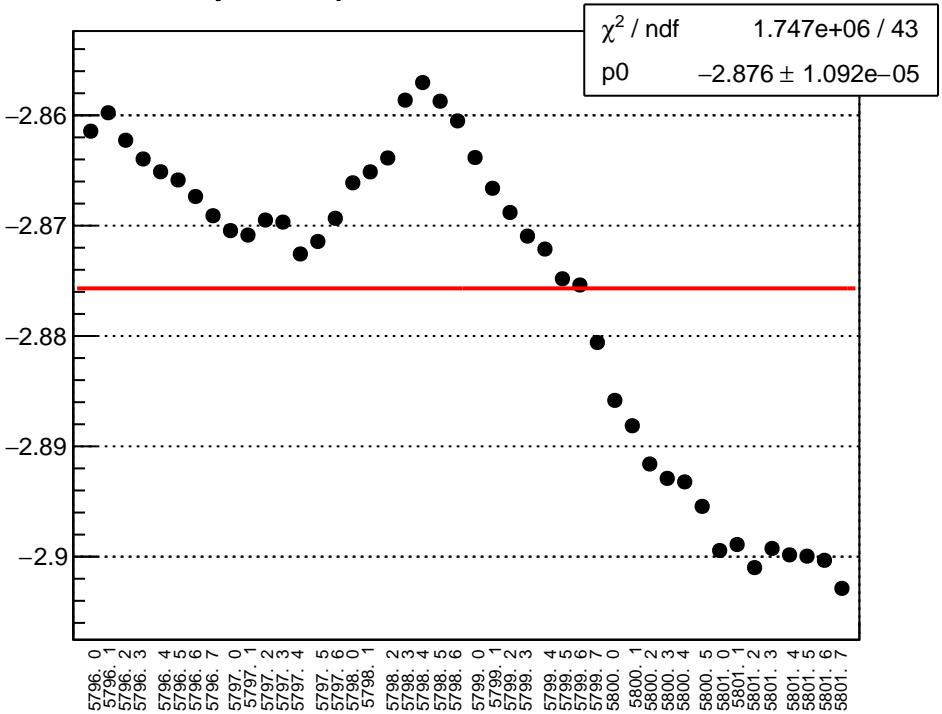
# yield\_bpm2i02X\_mean vs run



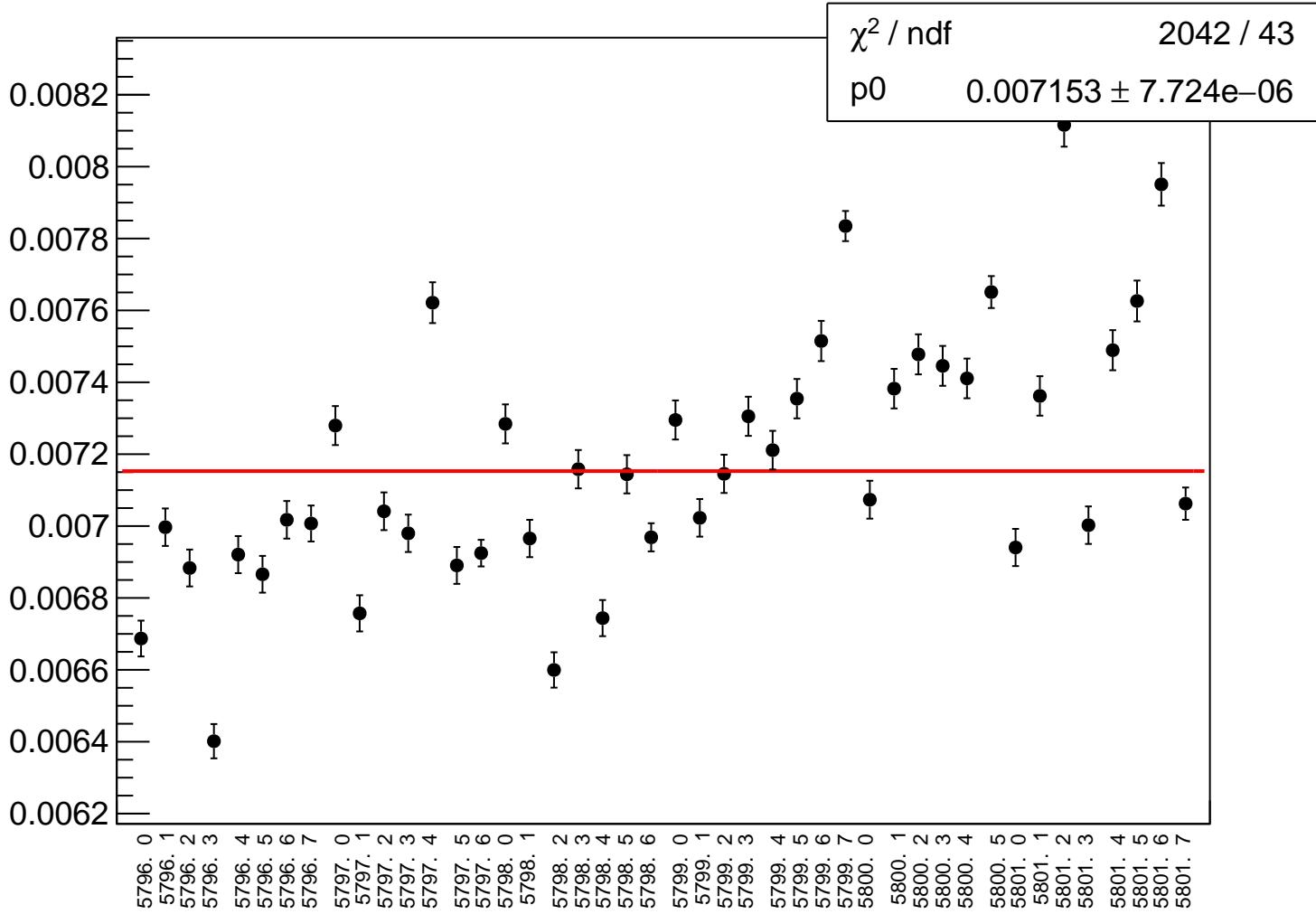
# yield\_bpm2i02X\_rms vs run



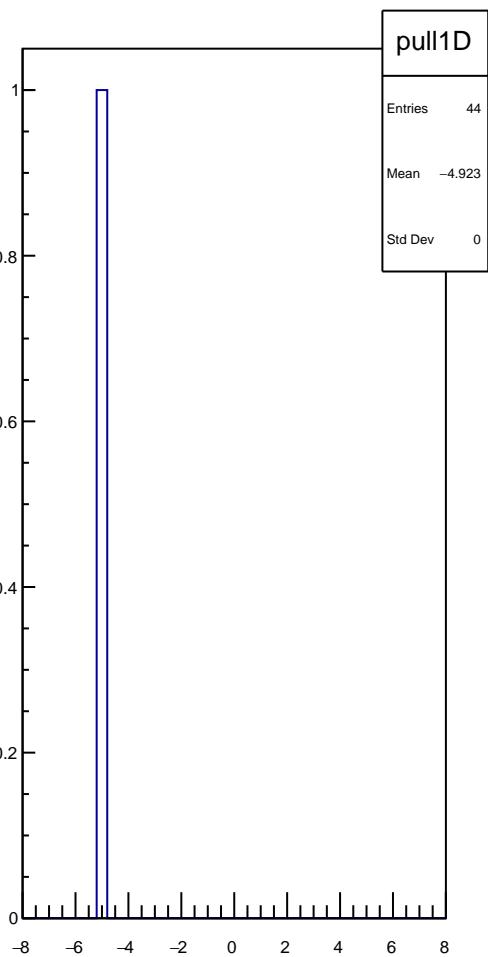
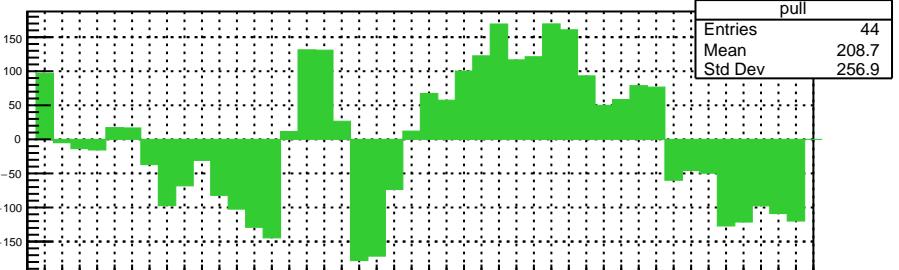
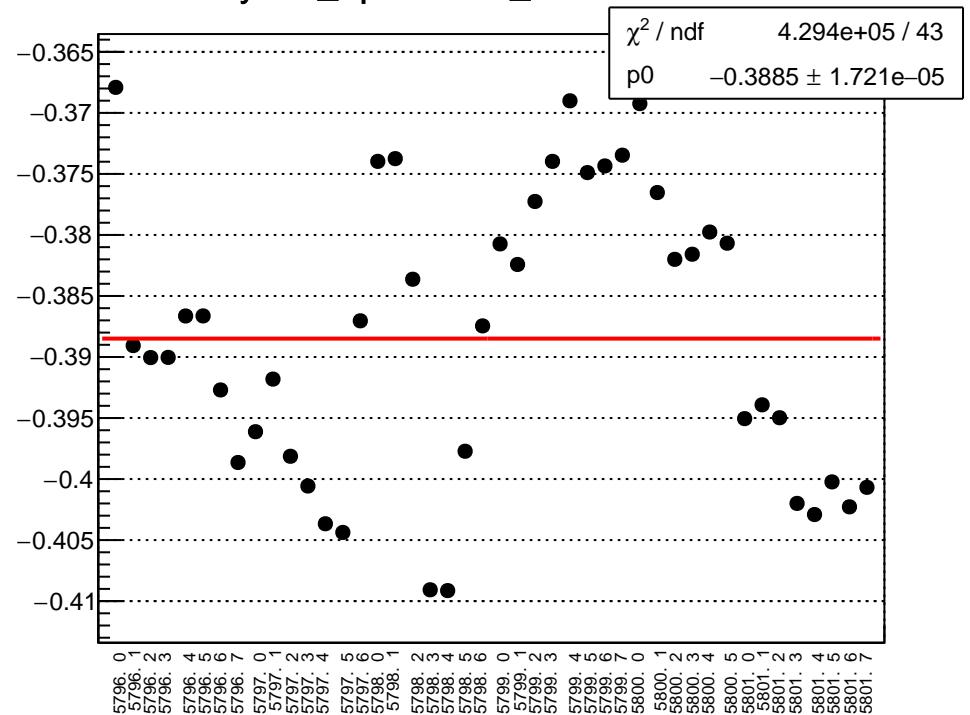
# yield\_bpm2i02Y\_mean vs run



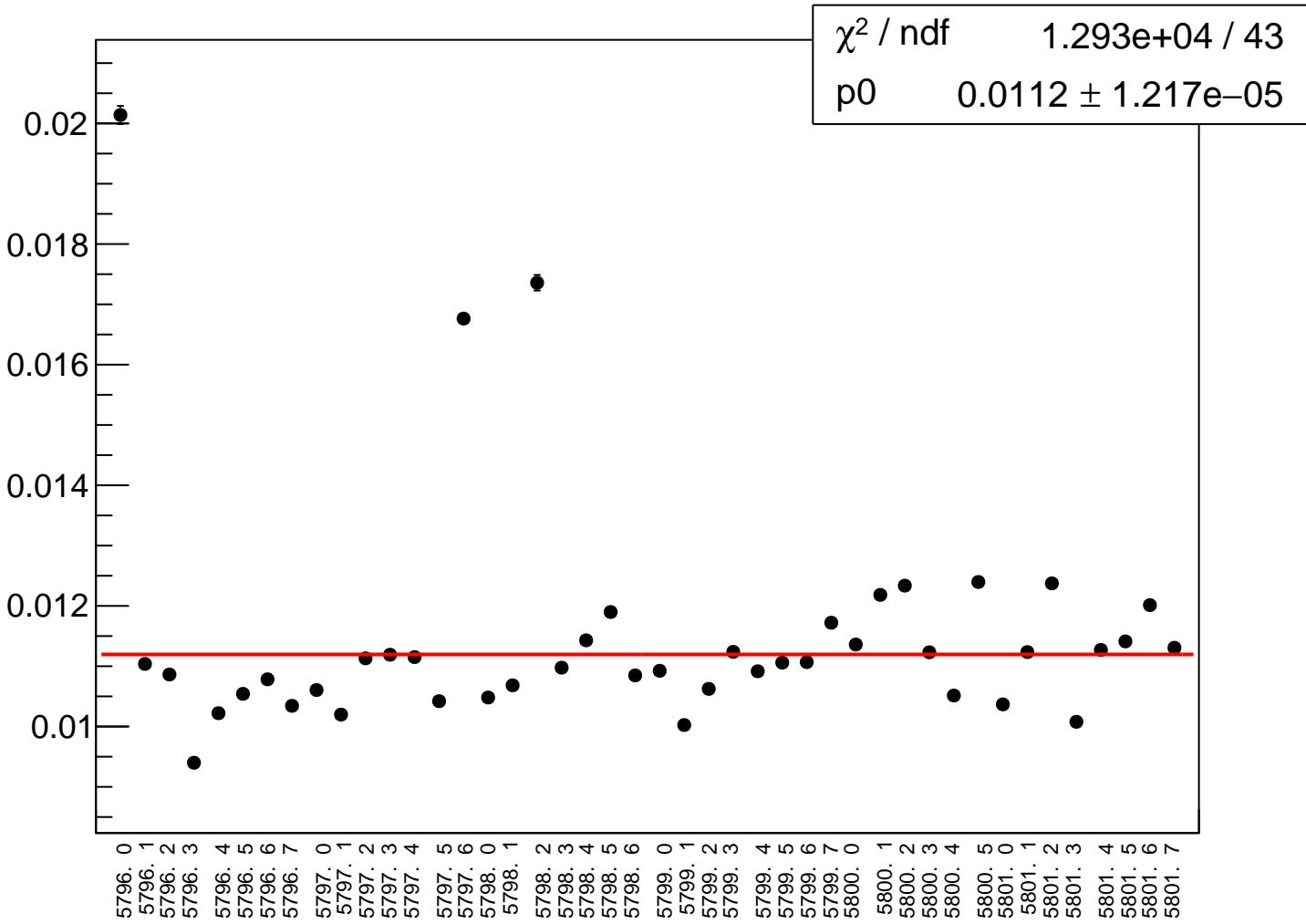
# yield\_bpm2i02Y\_rms vs run



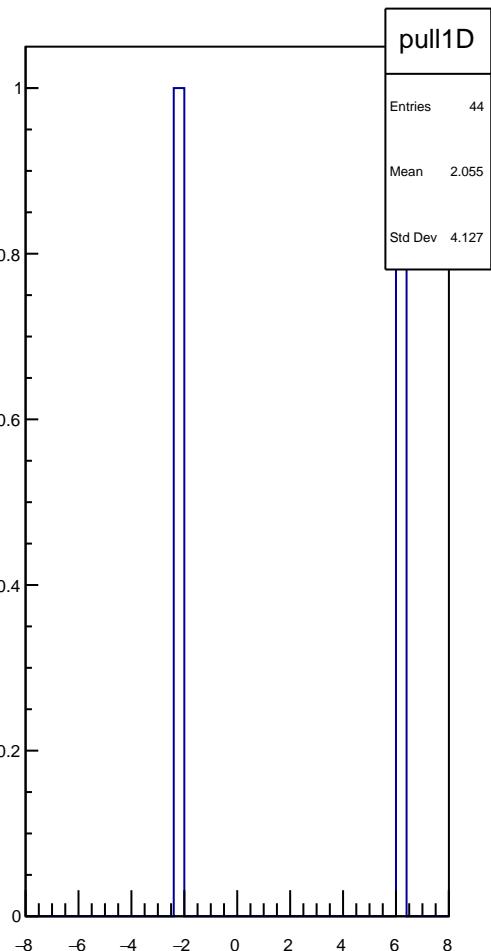
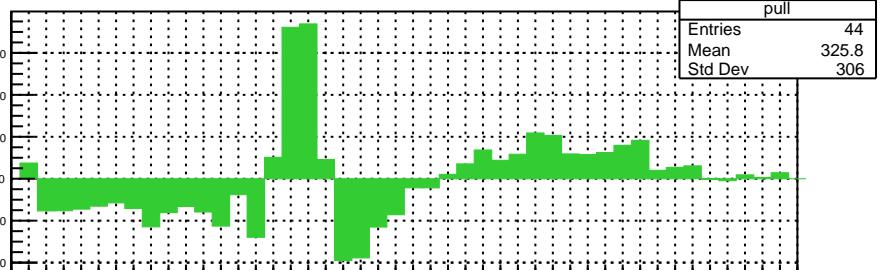
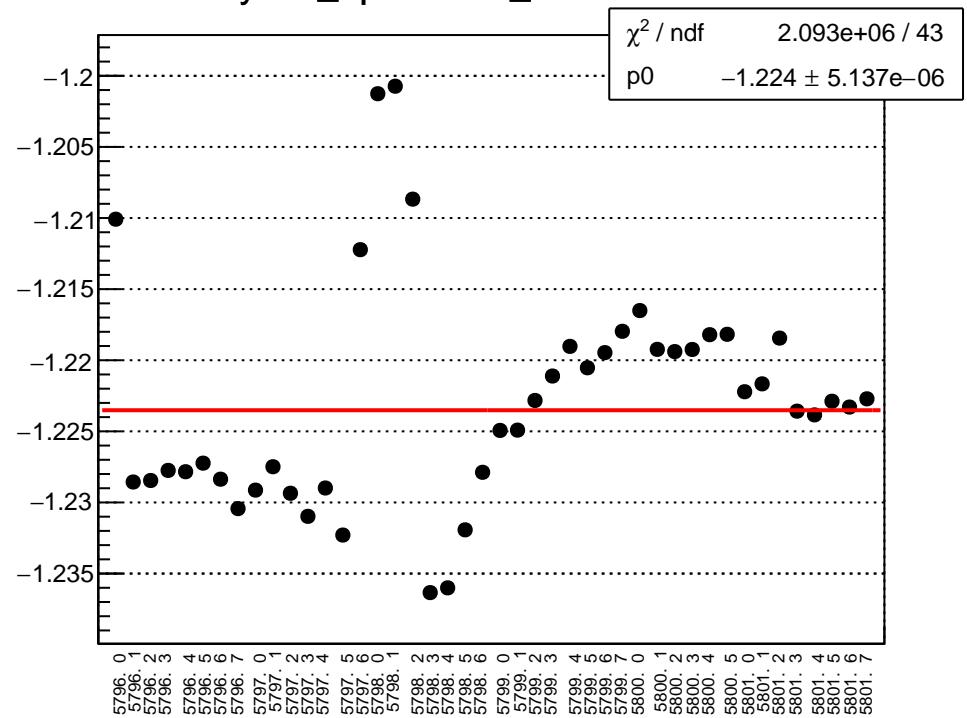
# yield\_bpm0i01X\_mean vs run



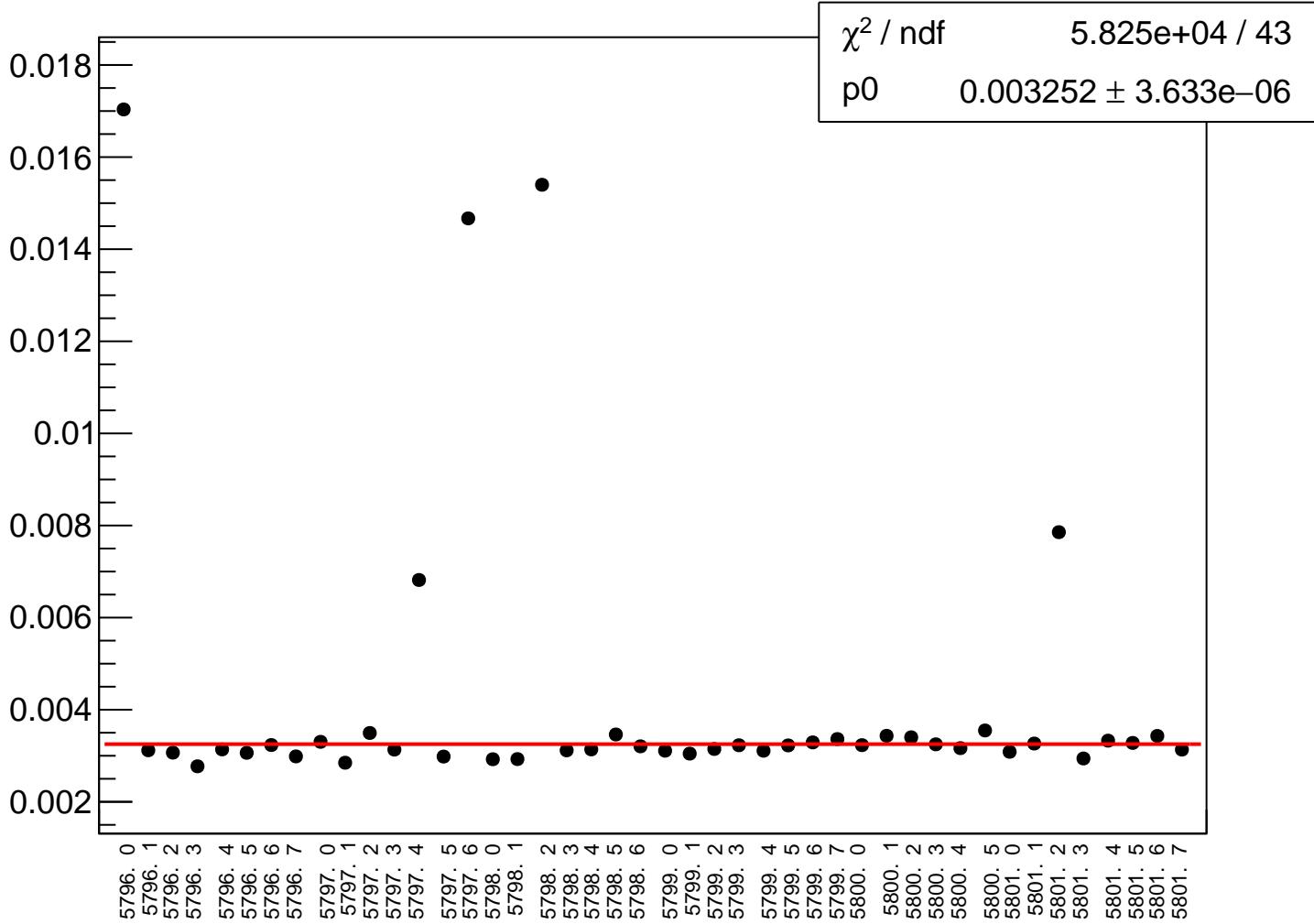
# yield\_bpm0i01X\_rms vs run



# yield\_bpm0i01Y\_mean vs run

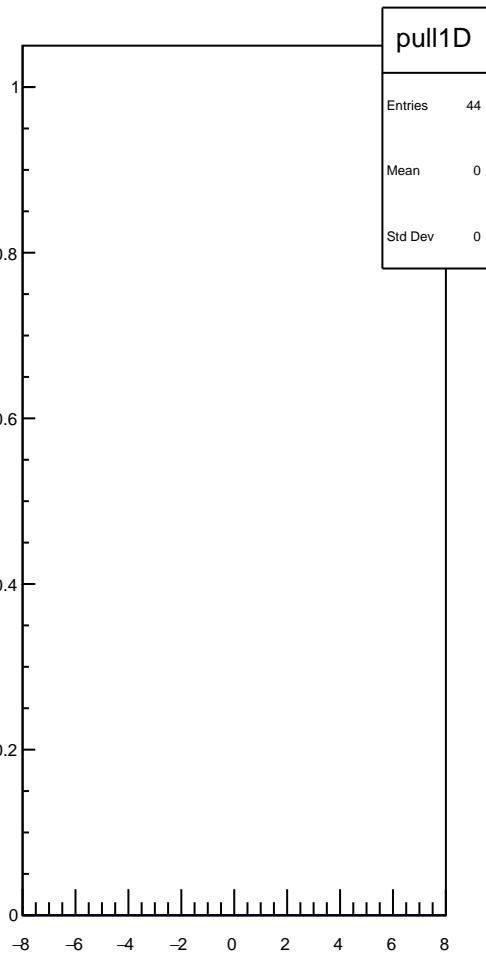
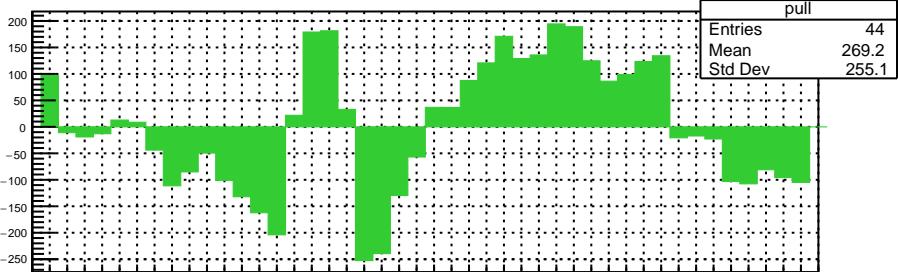
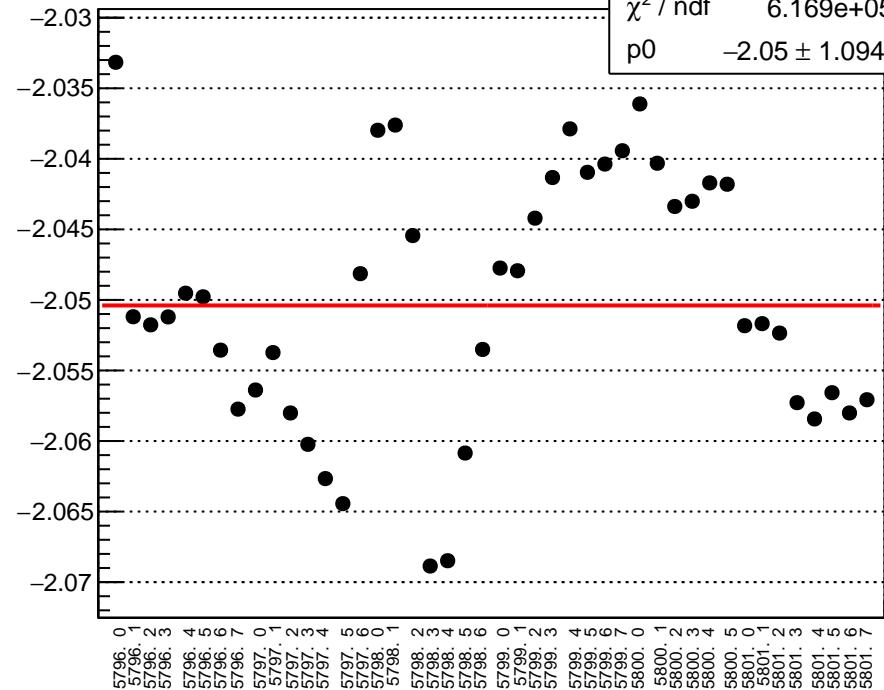


# yield\_bpm0i01Y\_rms vs run

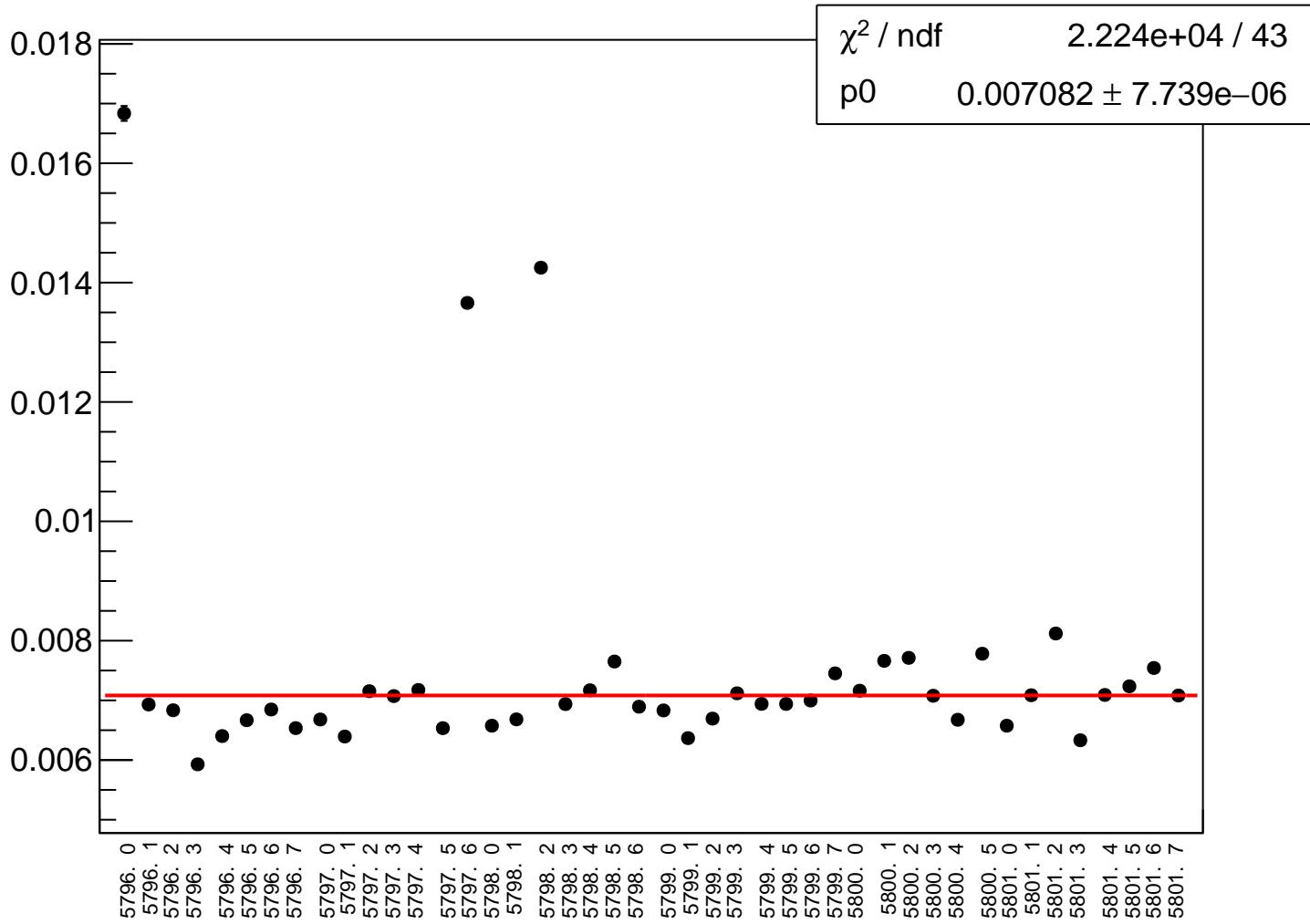


# yield\_bpm0i01aX\_mean vs run

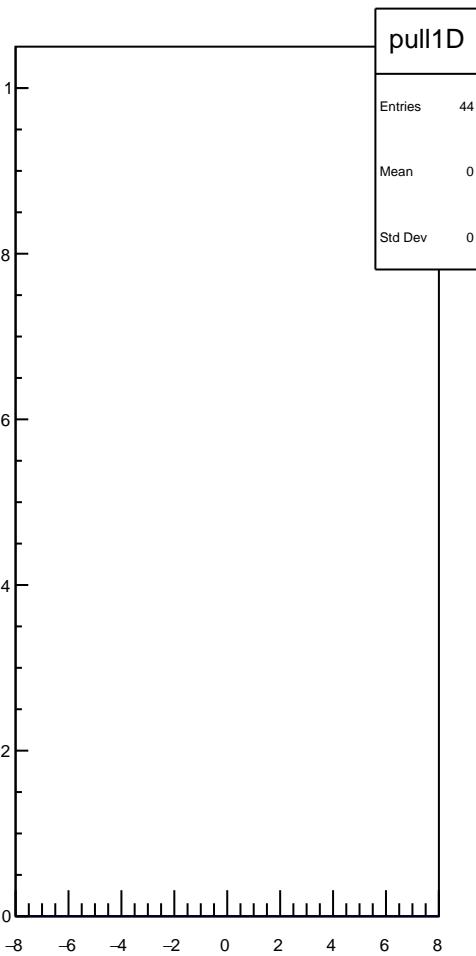
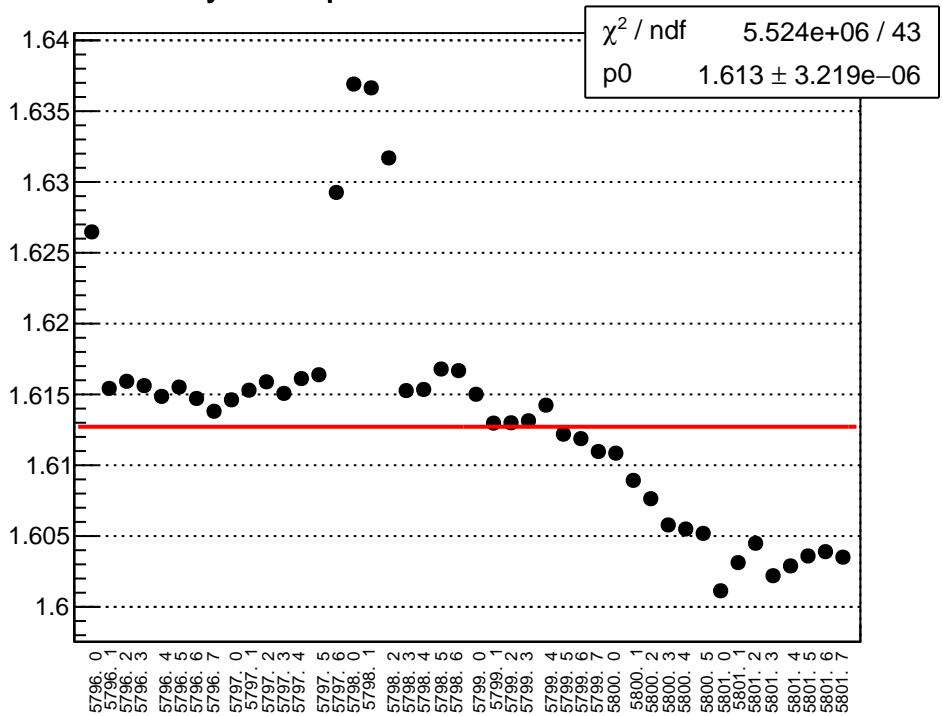
$\chi^2 / \text{ndf}$  6.169e+05 / 43  
 $p_0$   $-2.05 \pm 1.094\text{e-}05$



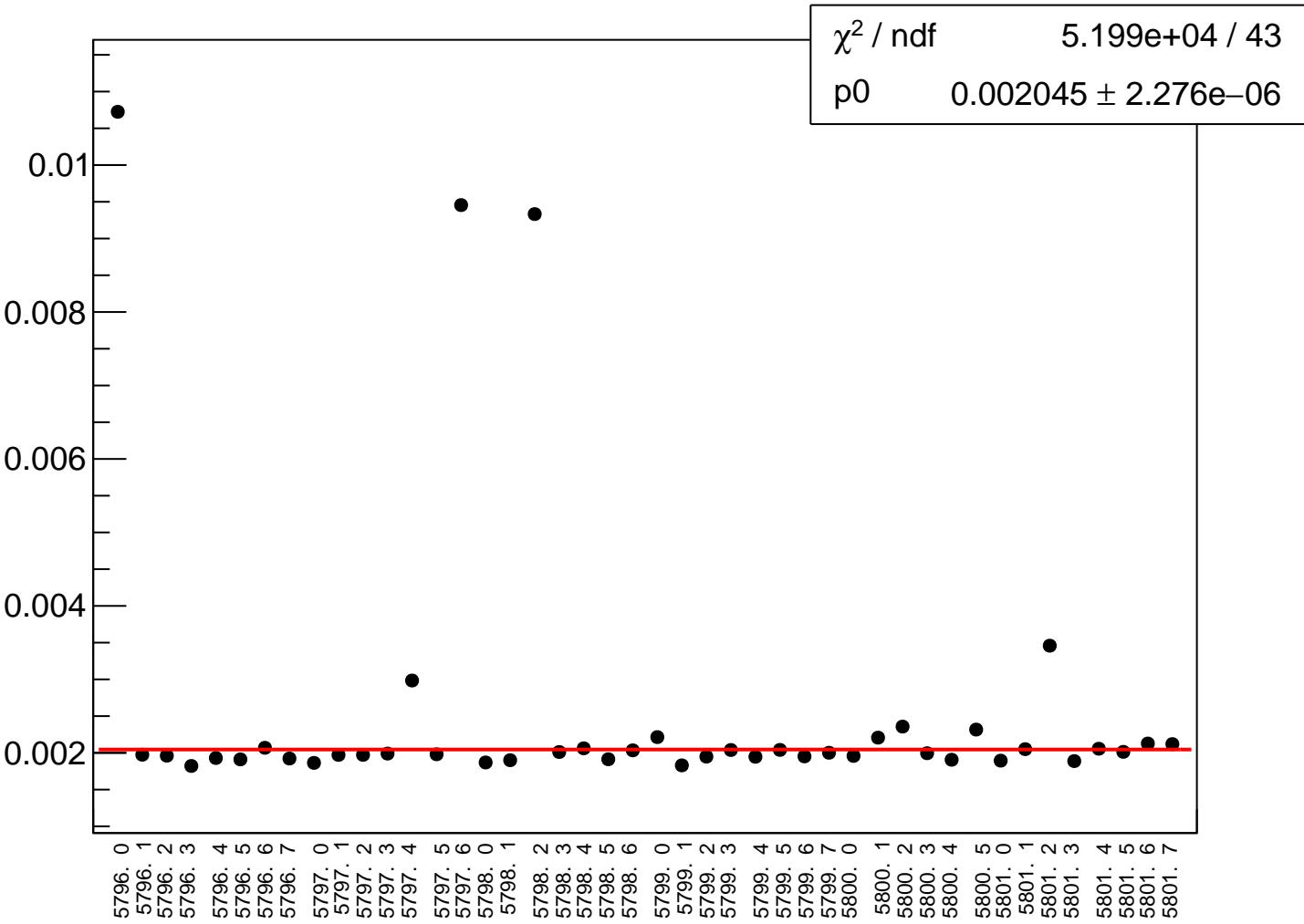
# yield\_bpm0i01aX\_rms vs run



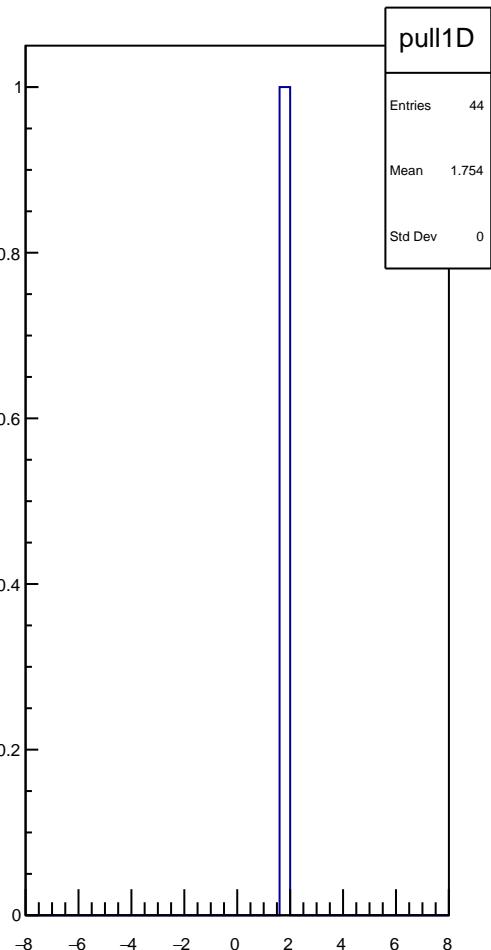
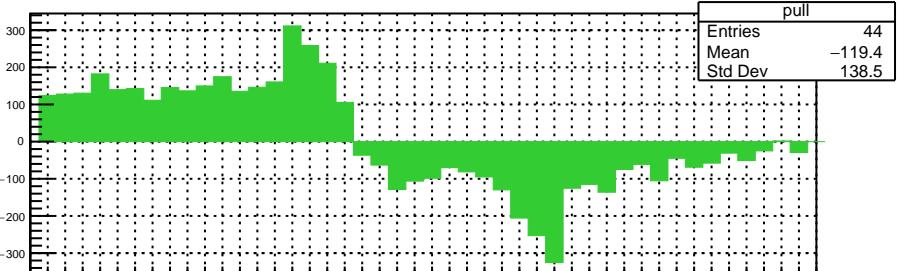
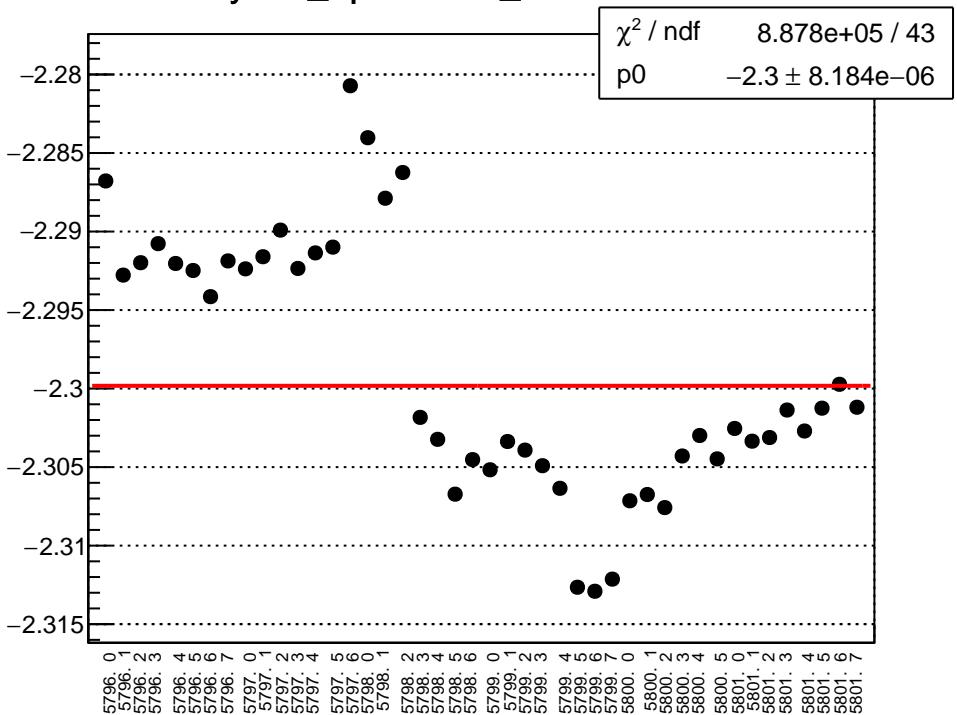
# yield\_bpm0i01aY\_mean vs run



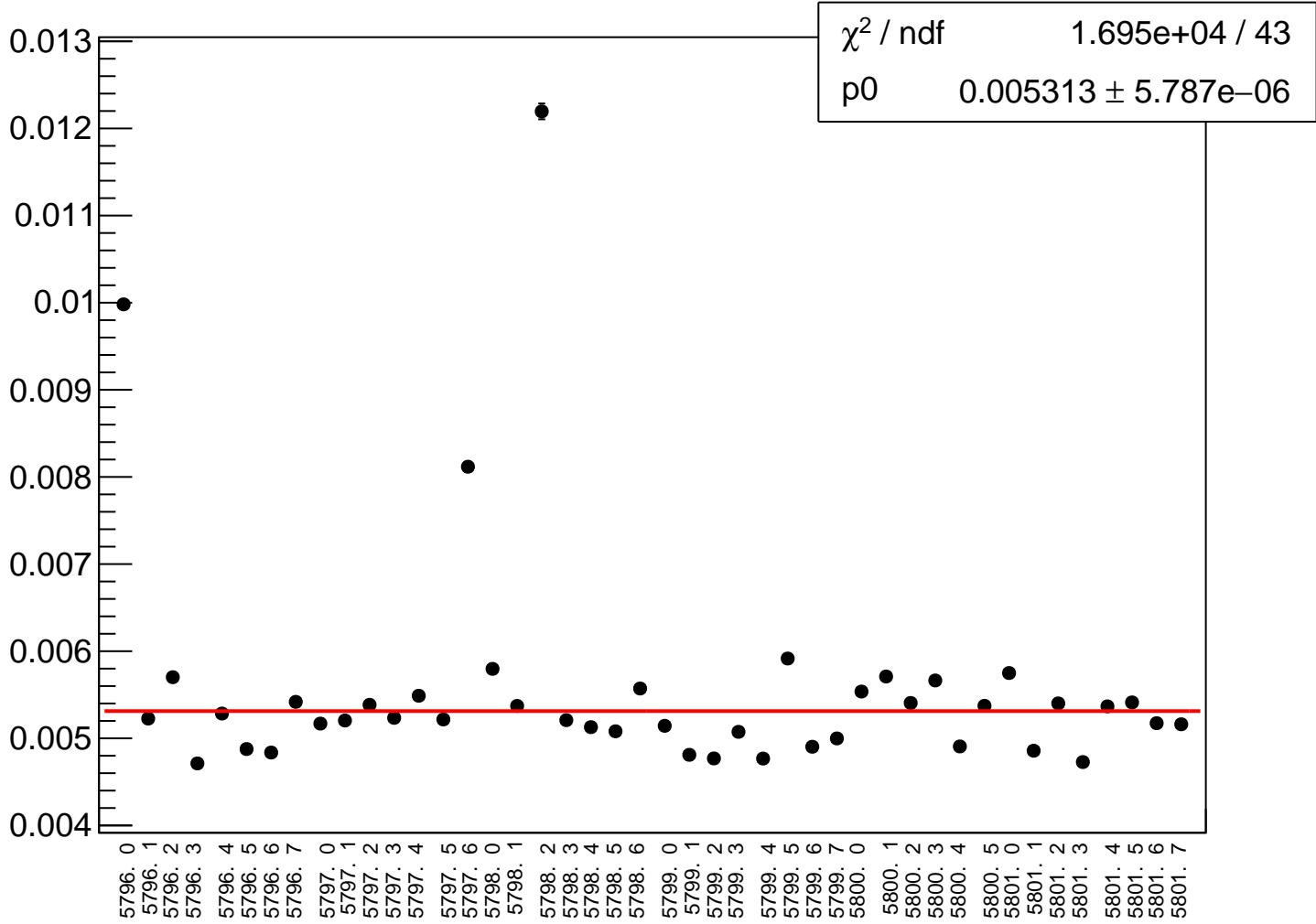
# yield\_bpm0i01aY\_rms vs run



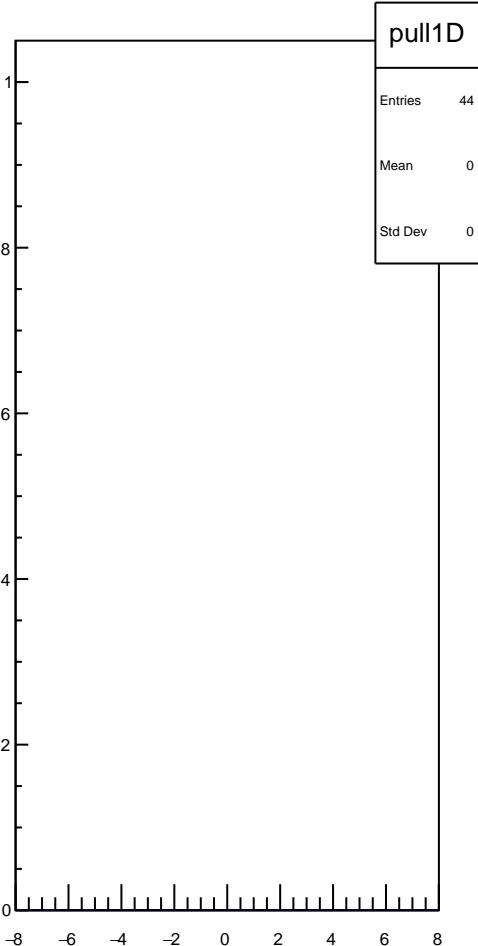
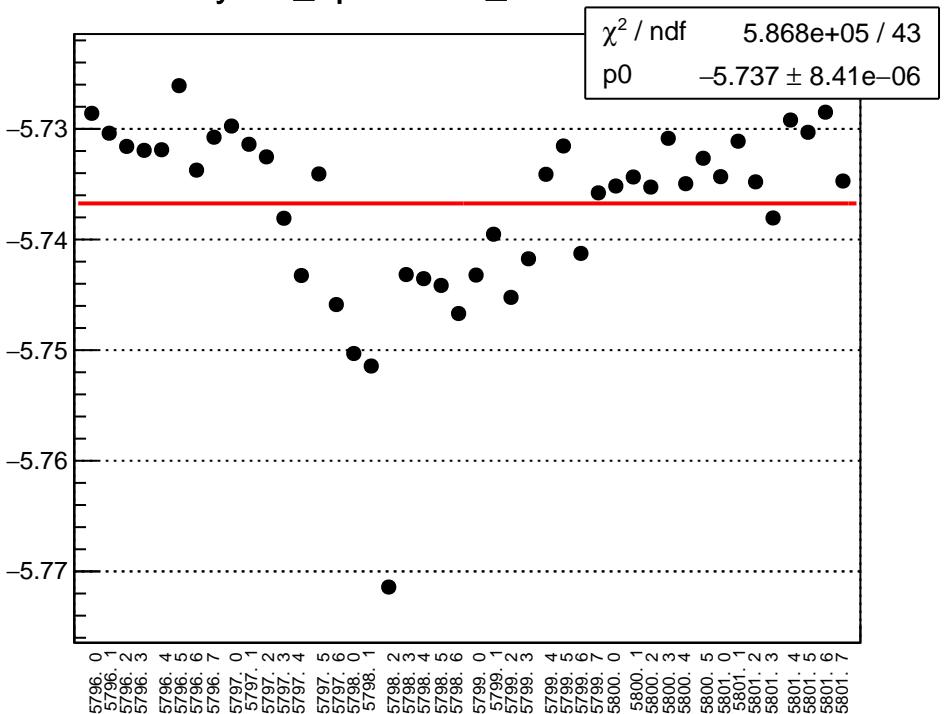
# yield\_bpm0I01X\_mean vs run



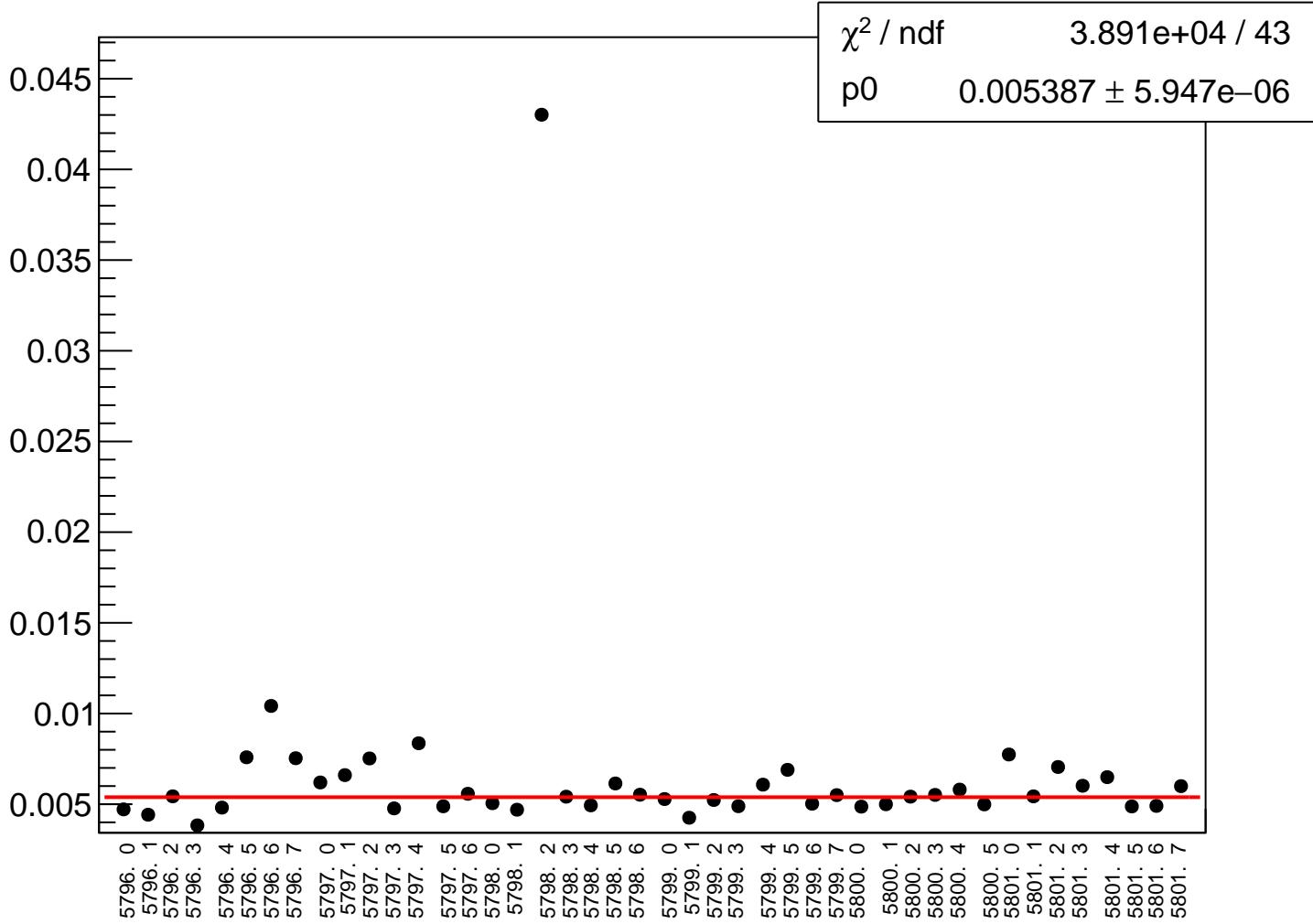
# yield\_bpm0l01X\_rms vs run



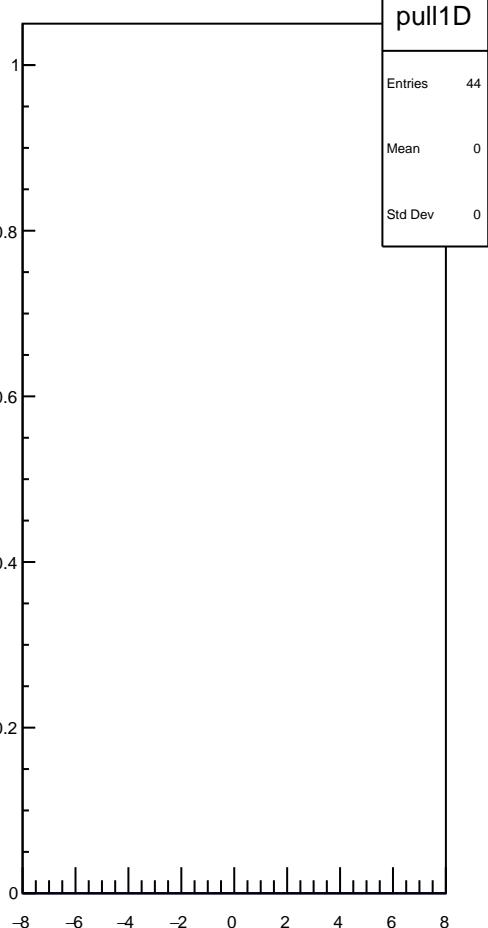
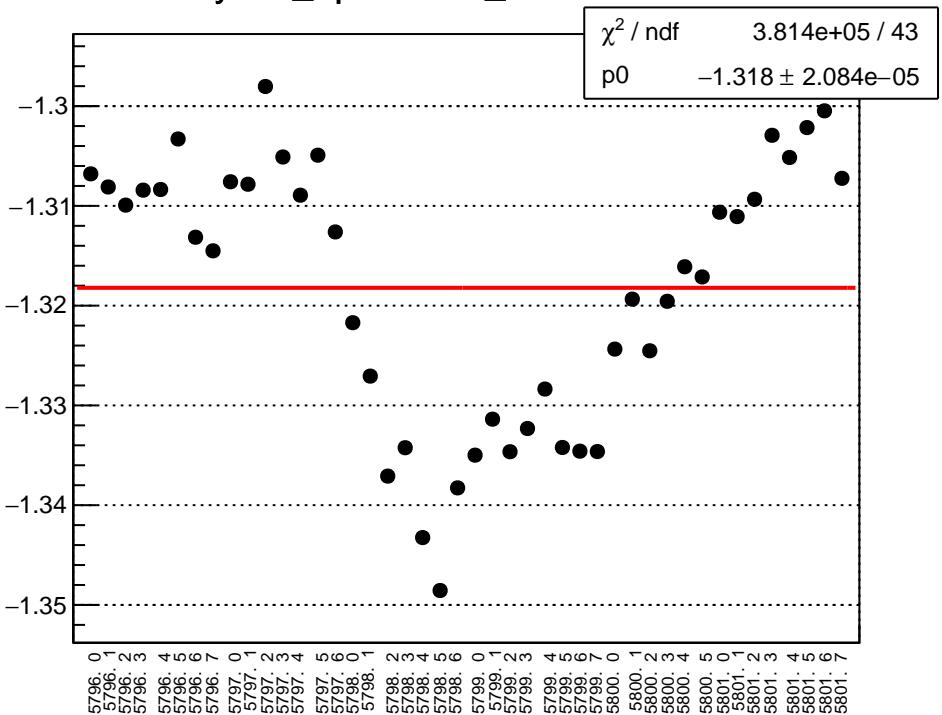
# yield\_bpm0I01Y\_mean vs run



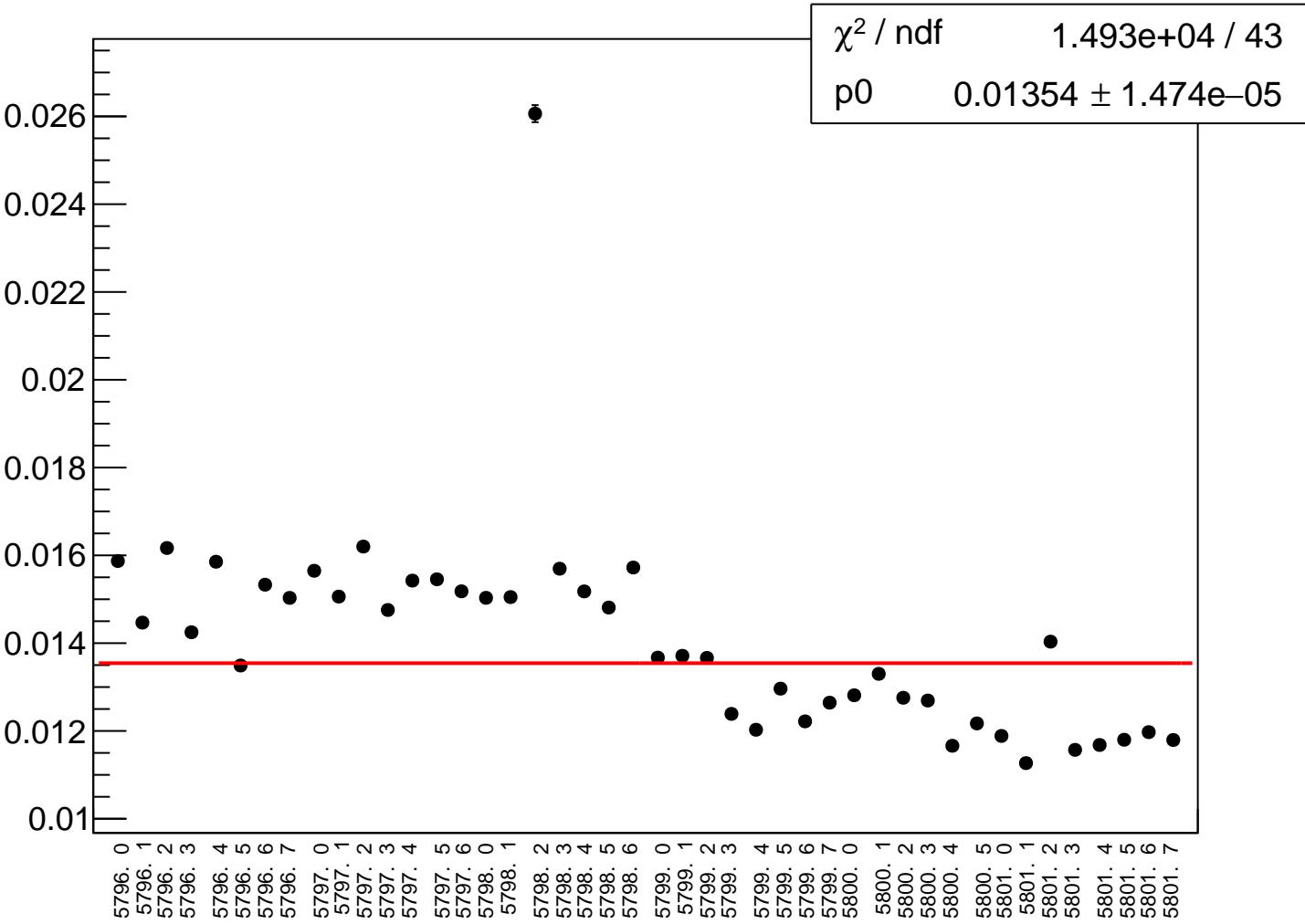
# yield\_bpm0l01Y\_rms vs run



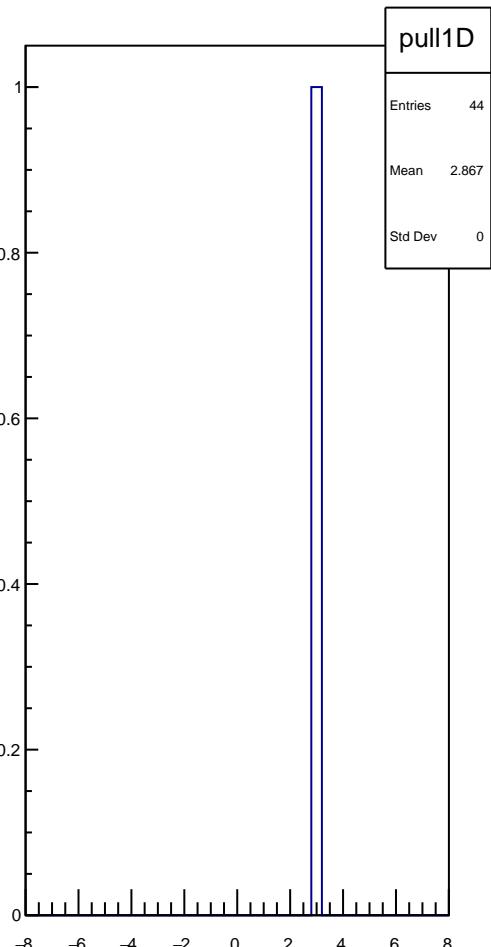
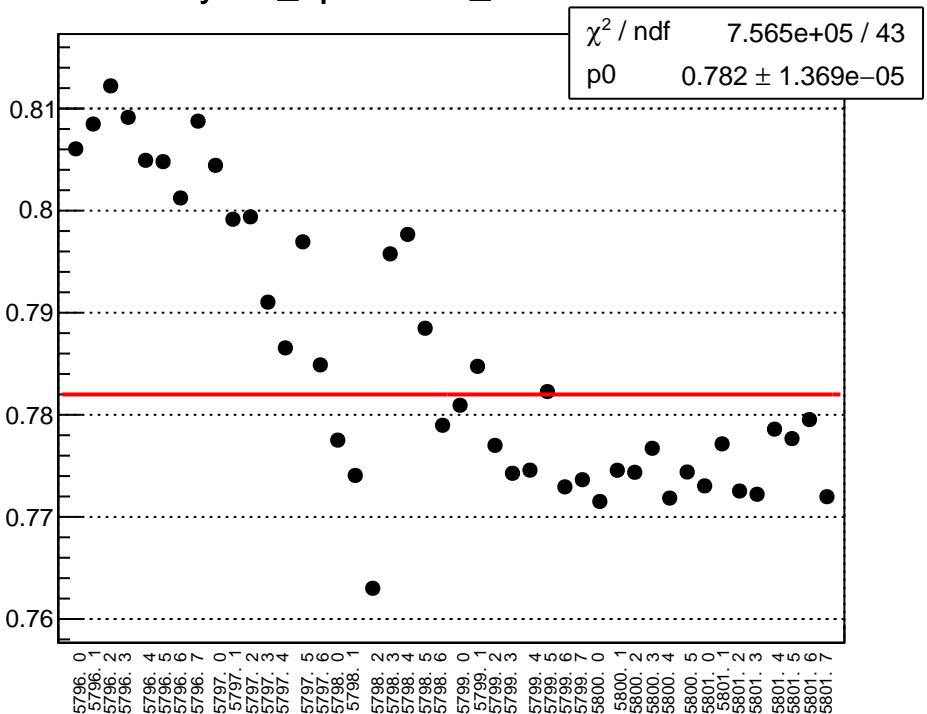
# yield\_bpm0l02X\_mean vs run



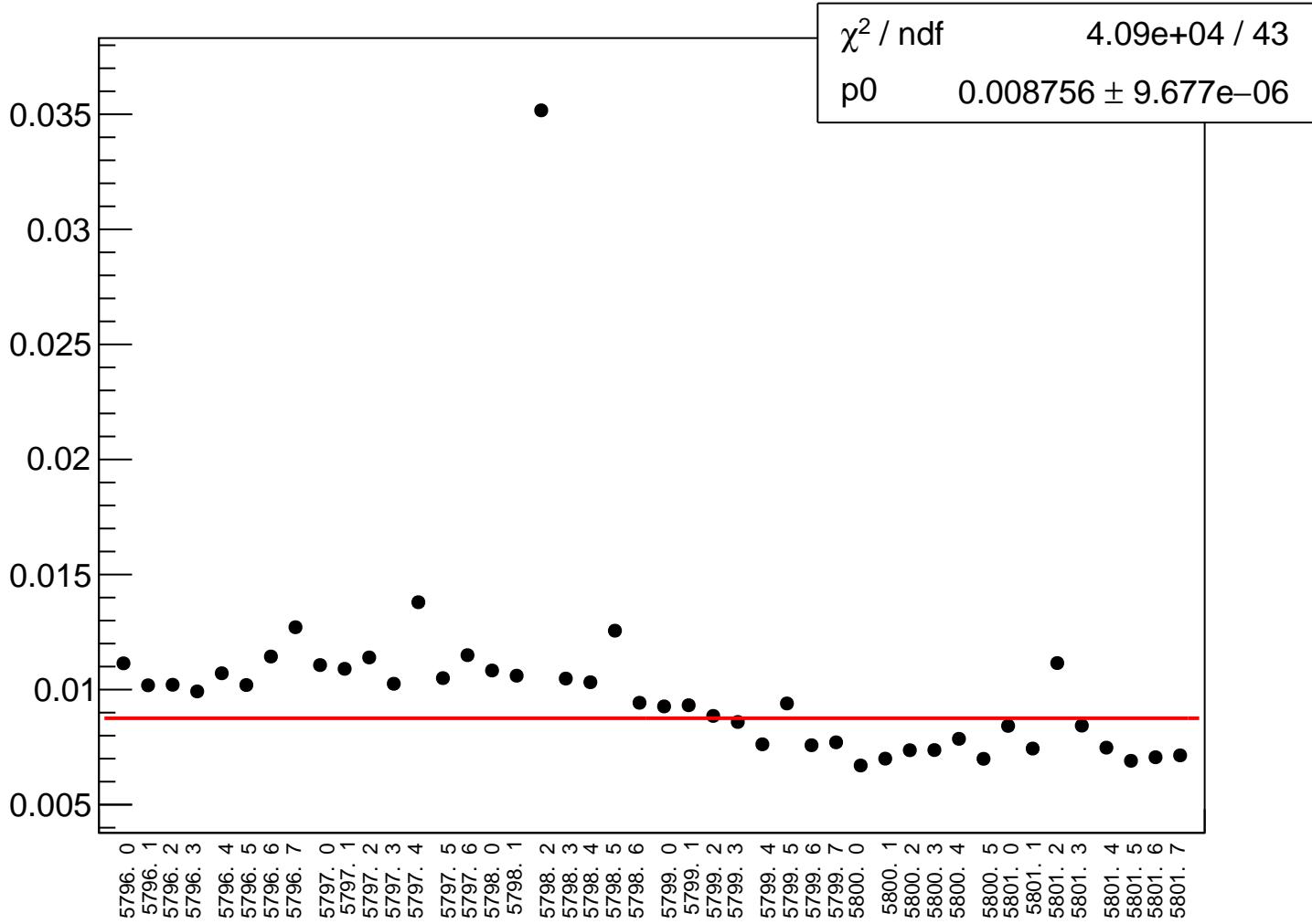
# yield\_bpm0l02X\_rms vs run



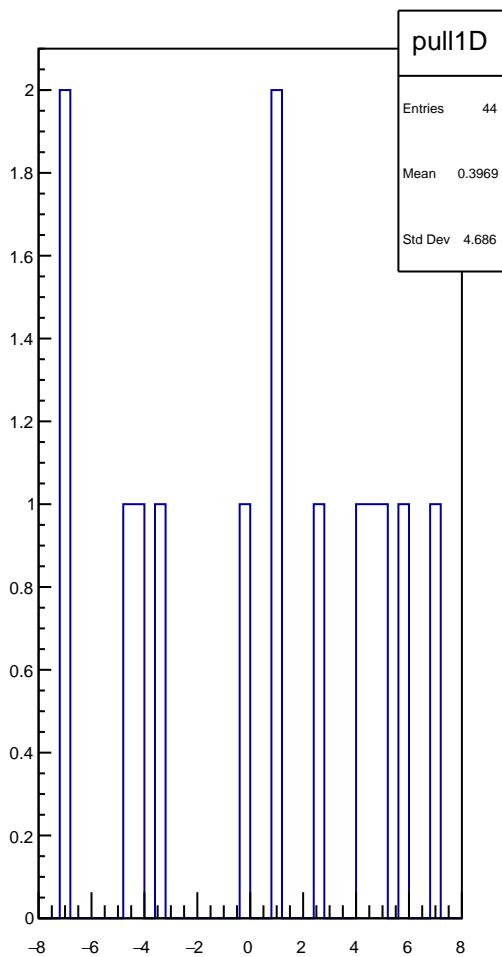
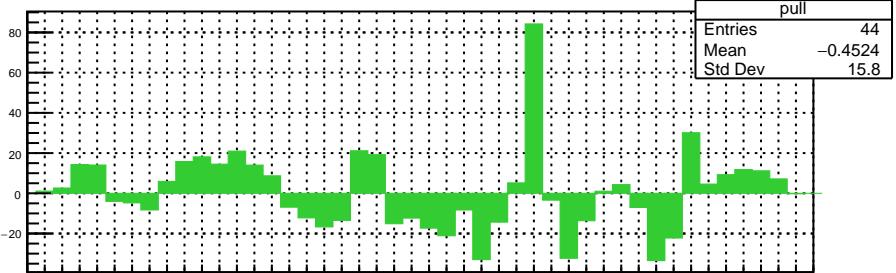
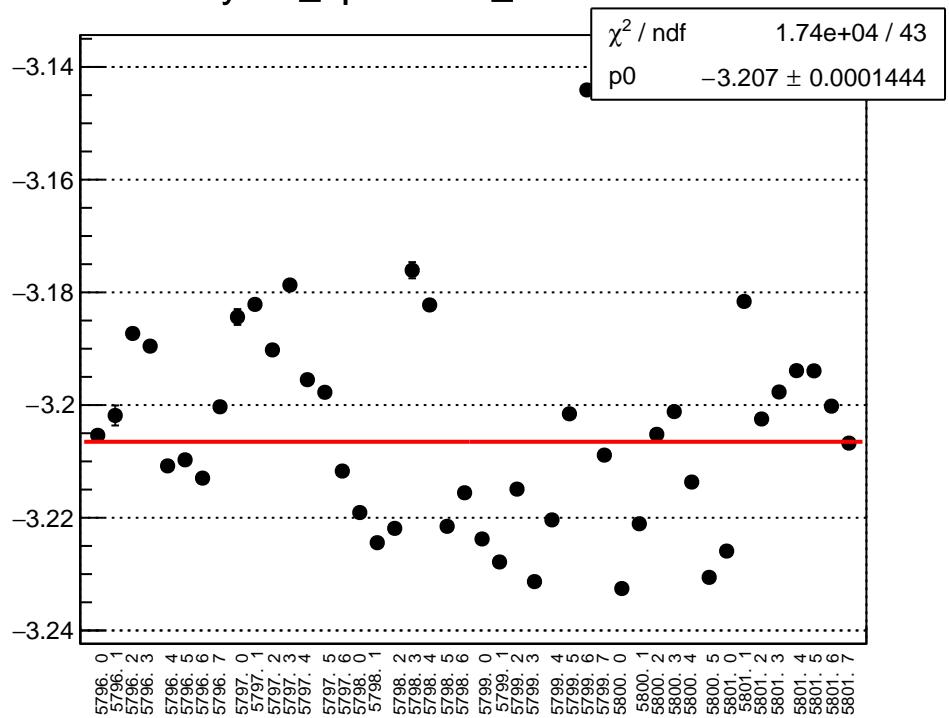
# yield\_bpm0I02Y\_mean vs run



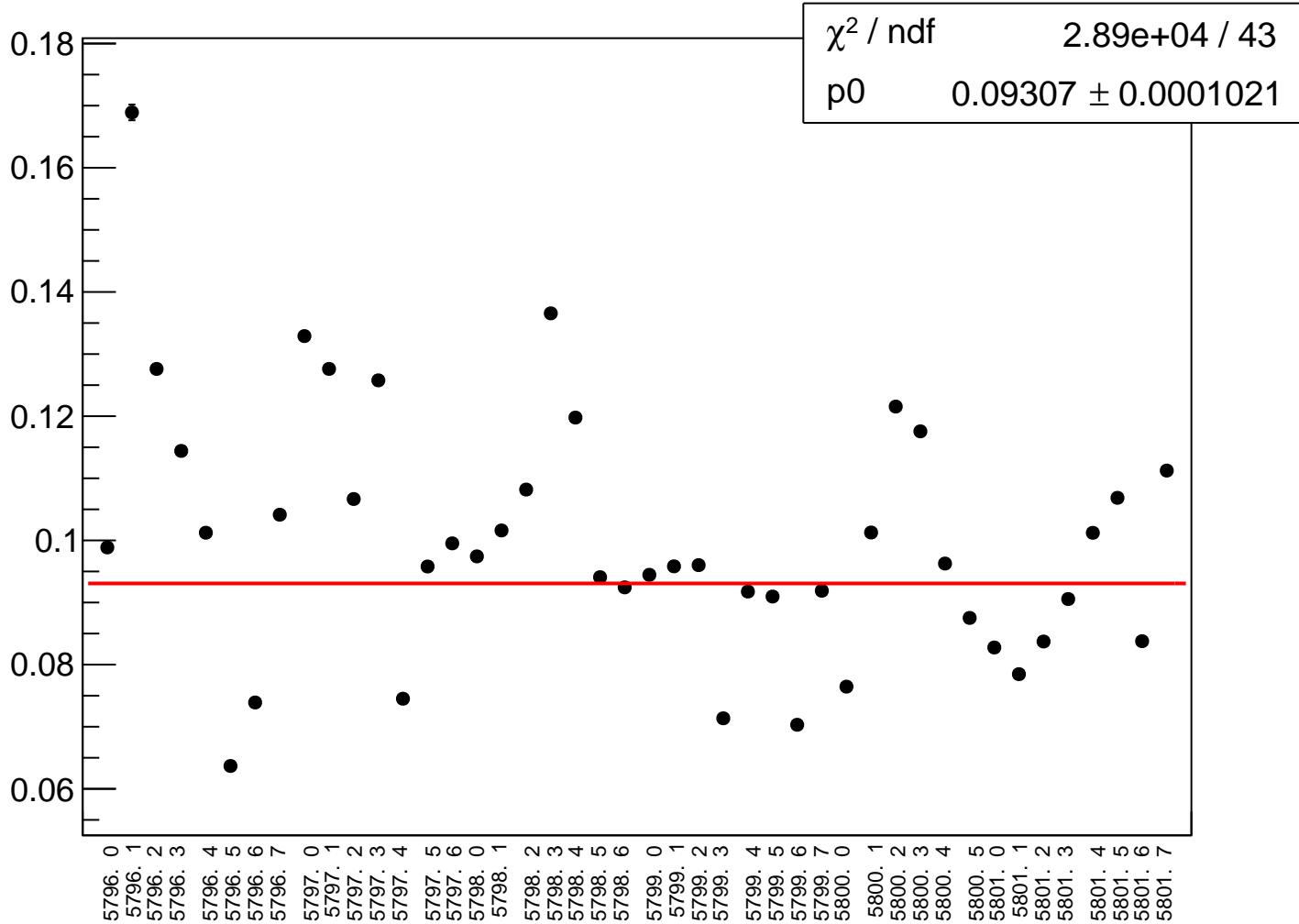
# yield\_bpm0l02Y\_rms vs run



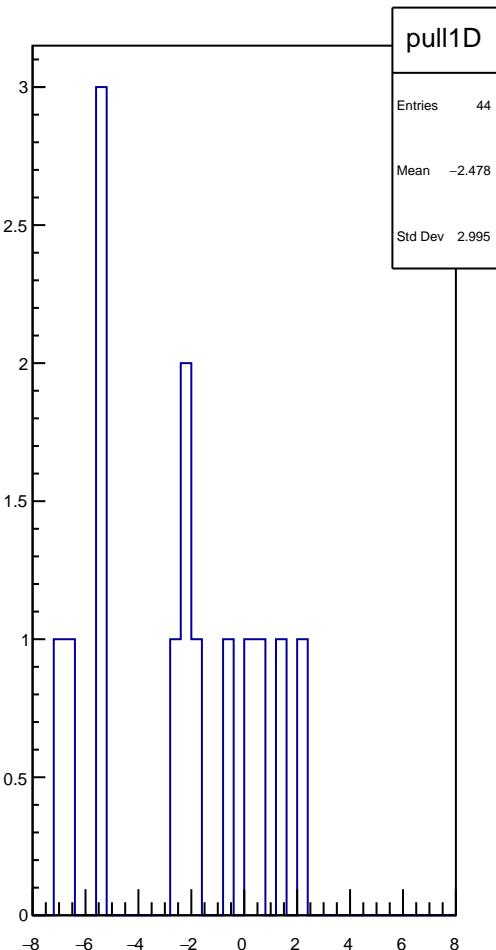
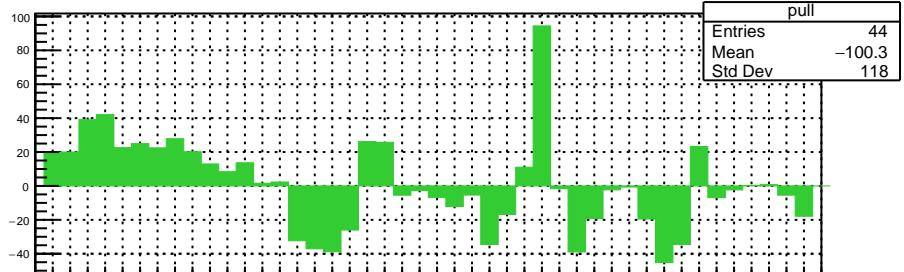
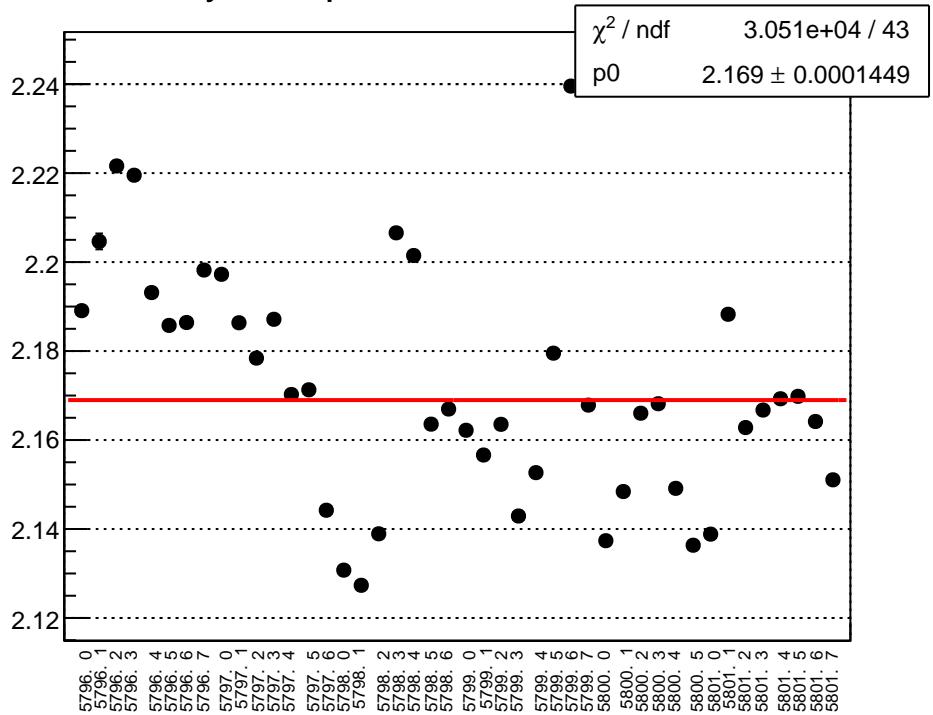
# yield\_bpm0l03X\_mean vs run



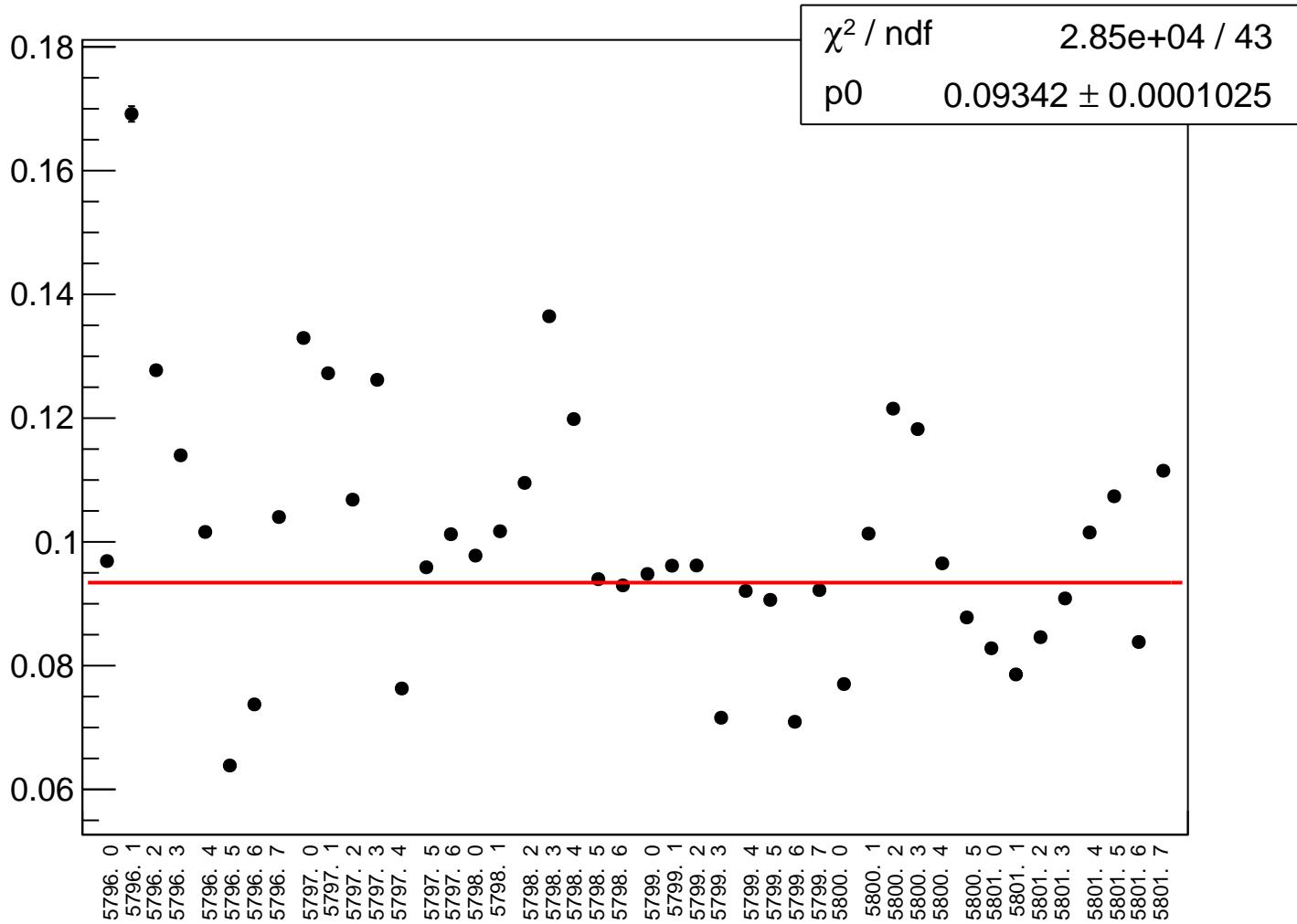
# yield\_bpm0l03X\_rms vs run



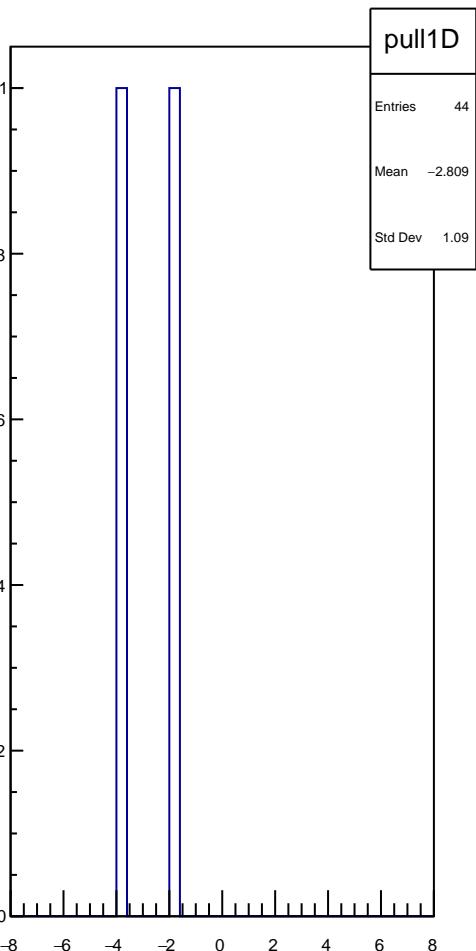
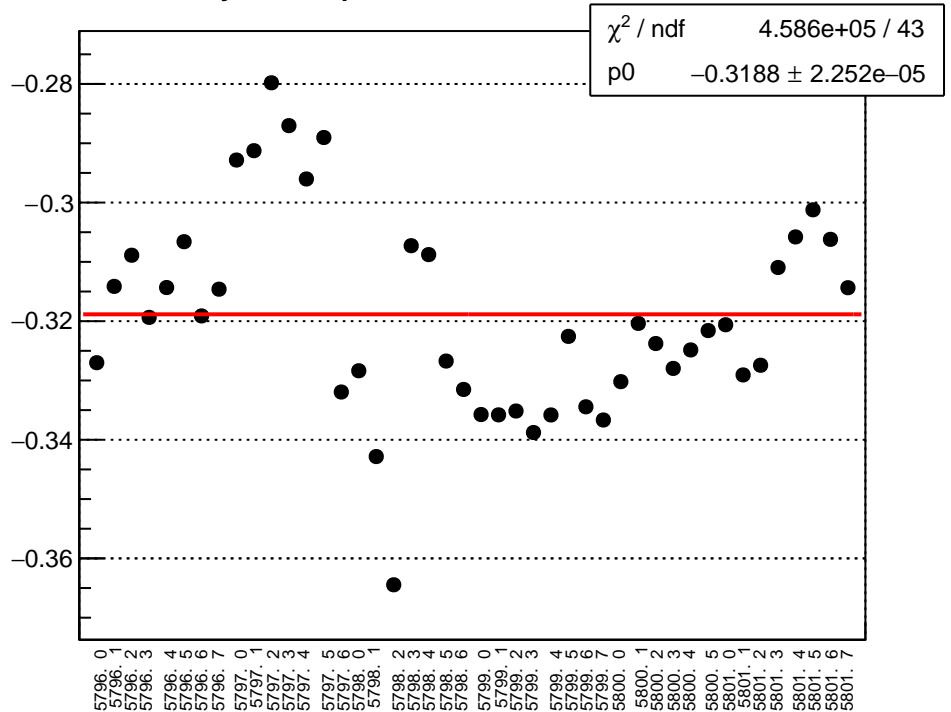
# yield\_bpm0I03Y\_mean vs run



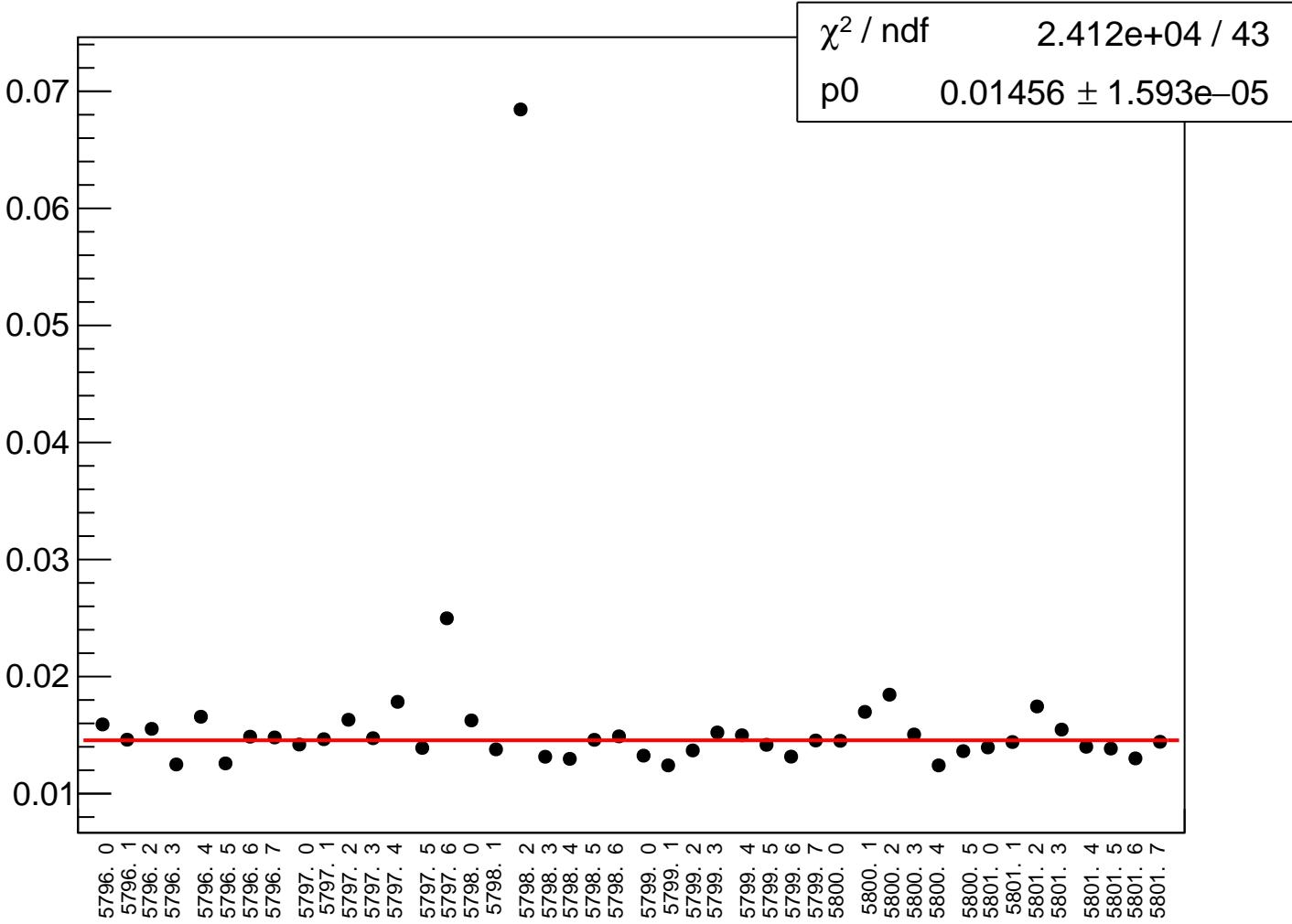
# yield\_bpm0l03Y\_rms vs run



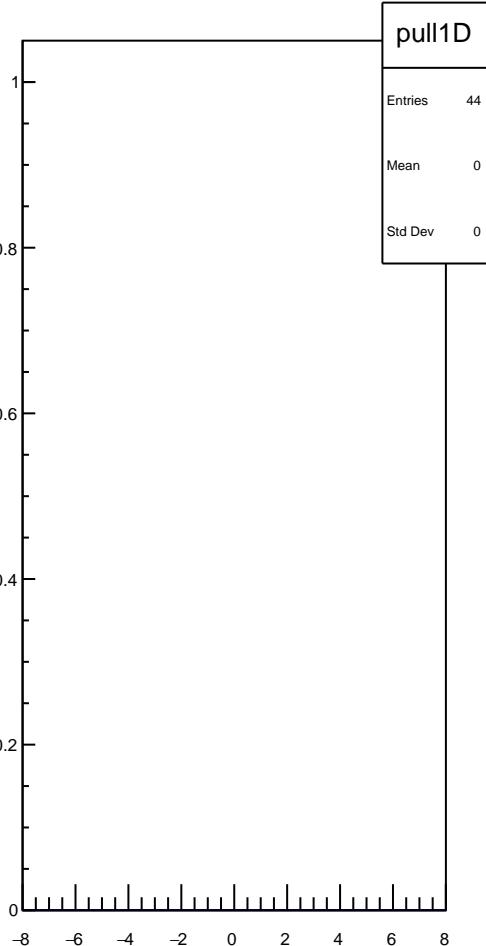
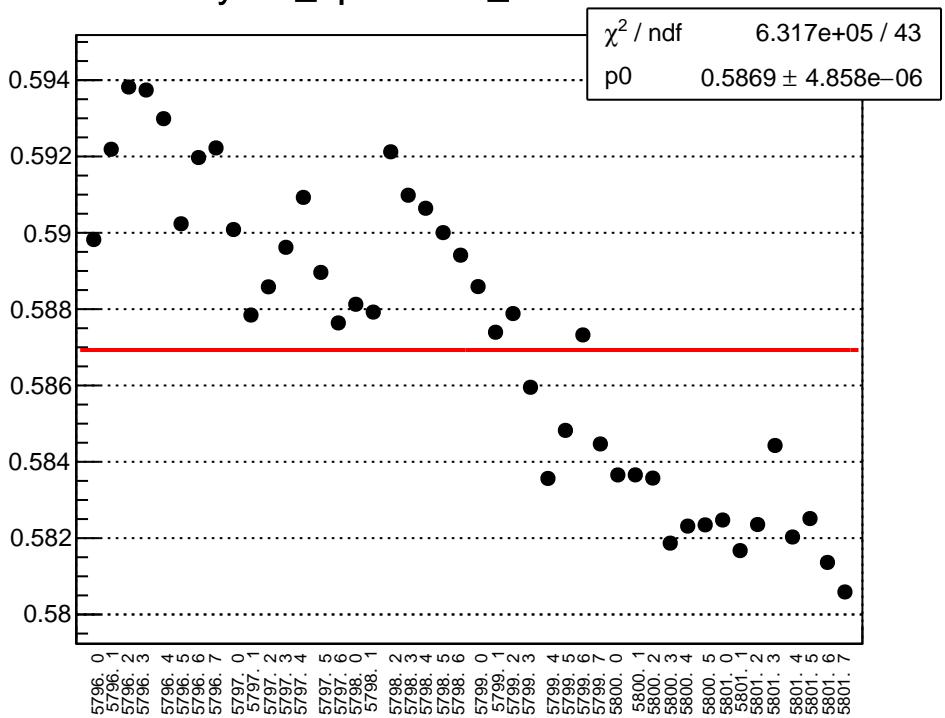
# yield\_bpm0l04X\_mean vs run



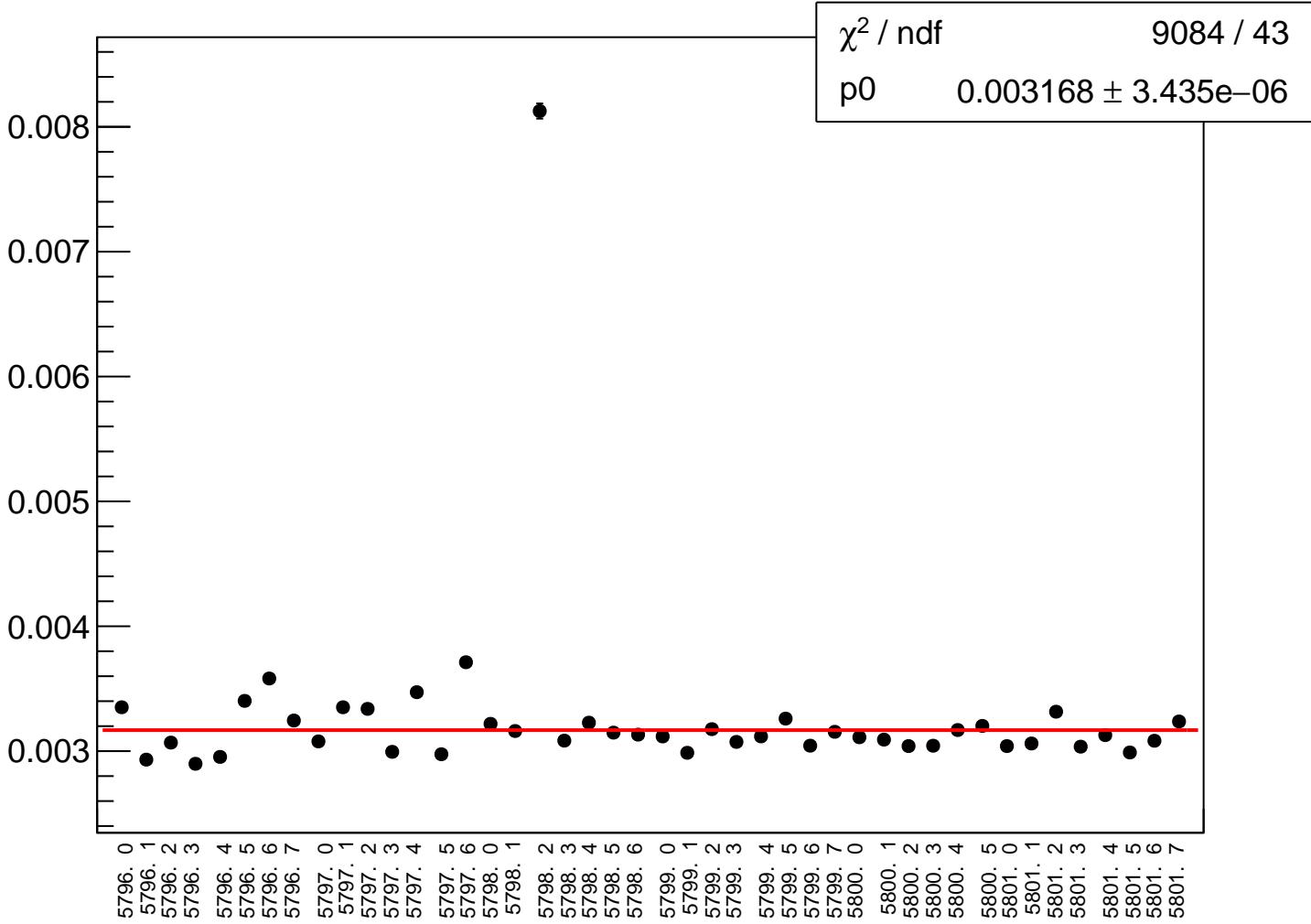
# yield\_bpm0l04X\_rms vs run



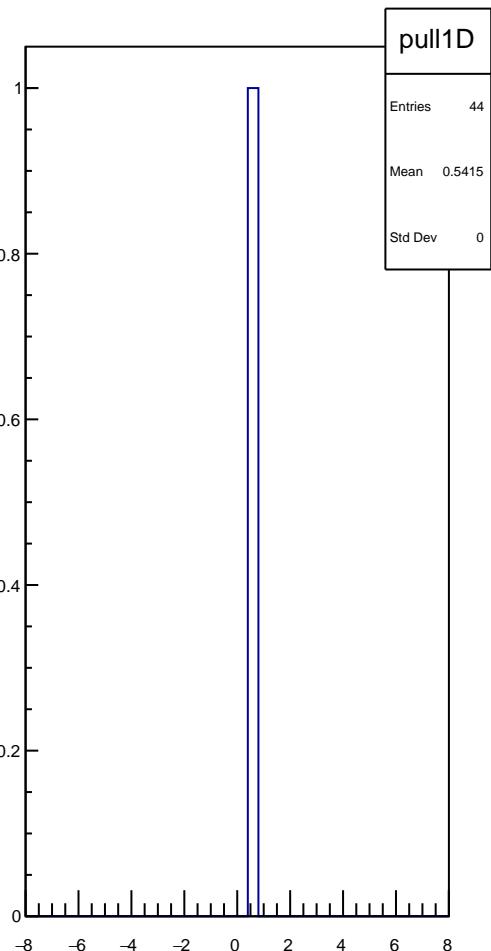
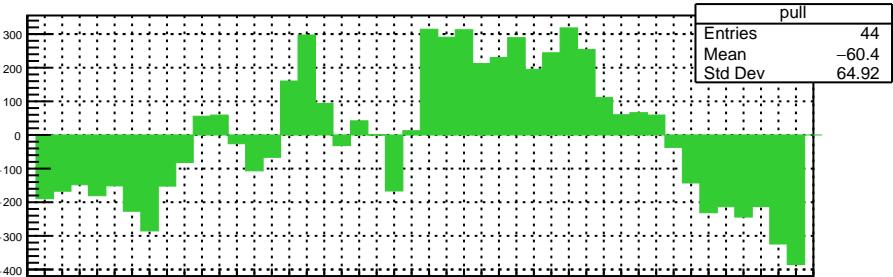
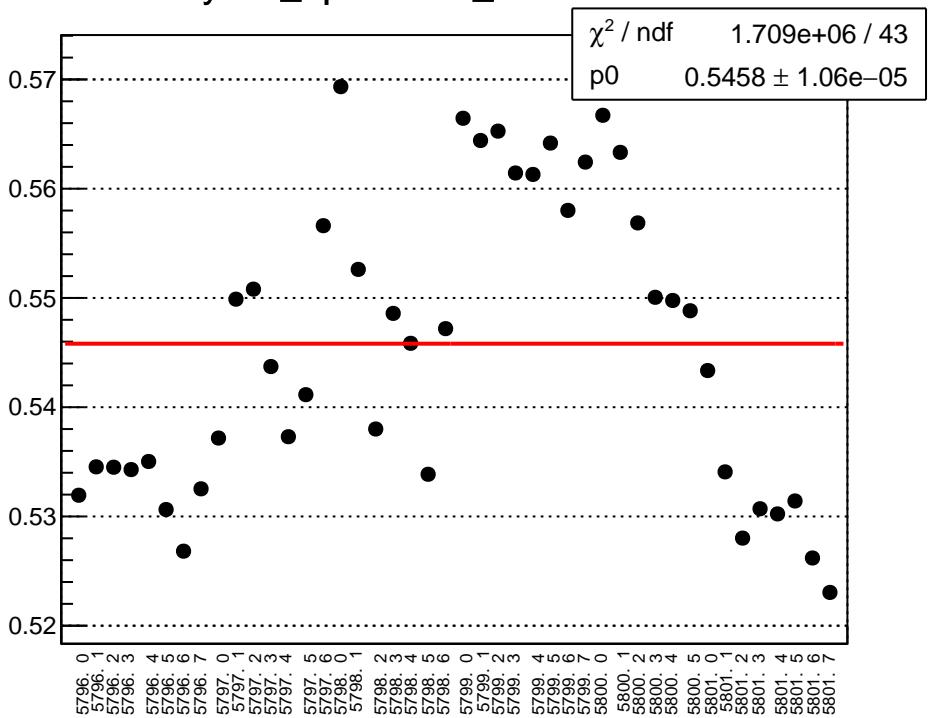
# yield\_bpm0I04Y\_mean vs run



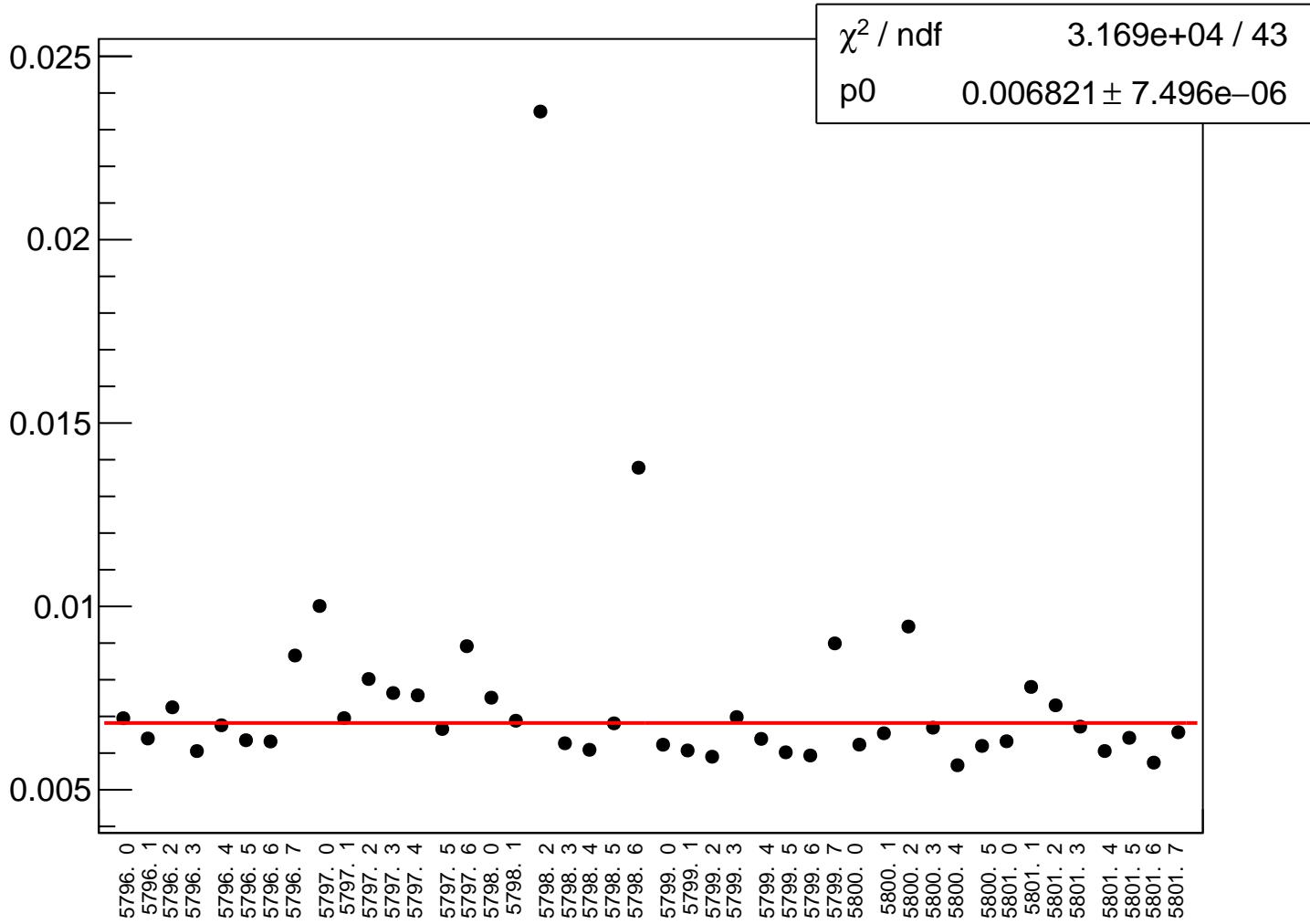
# yield\_bpm0l04Y\_rms vs run



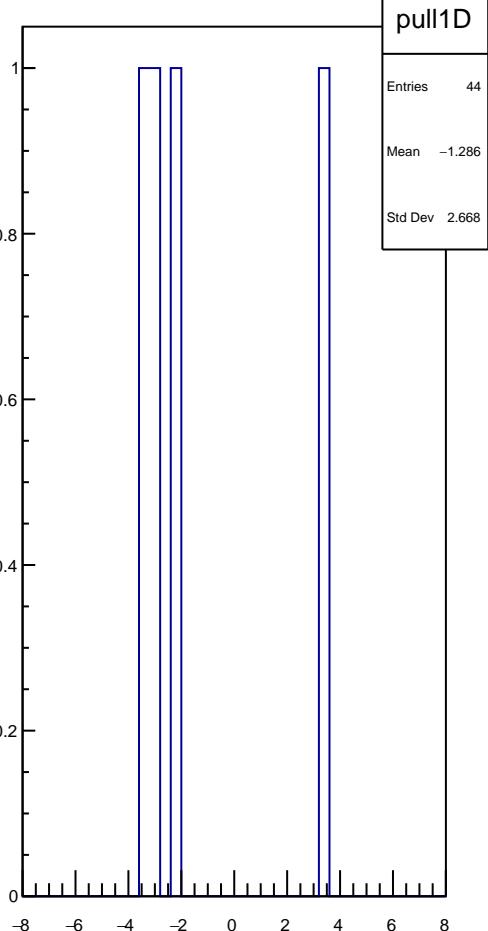
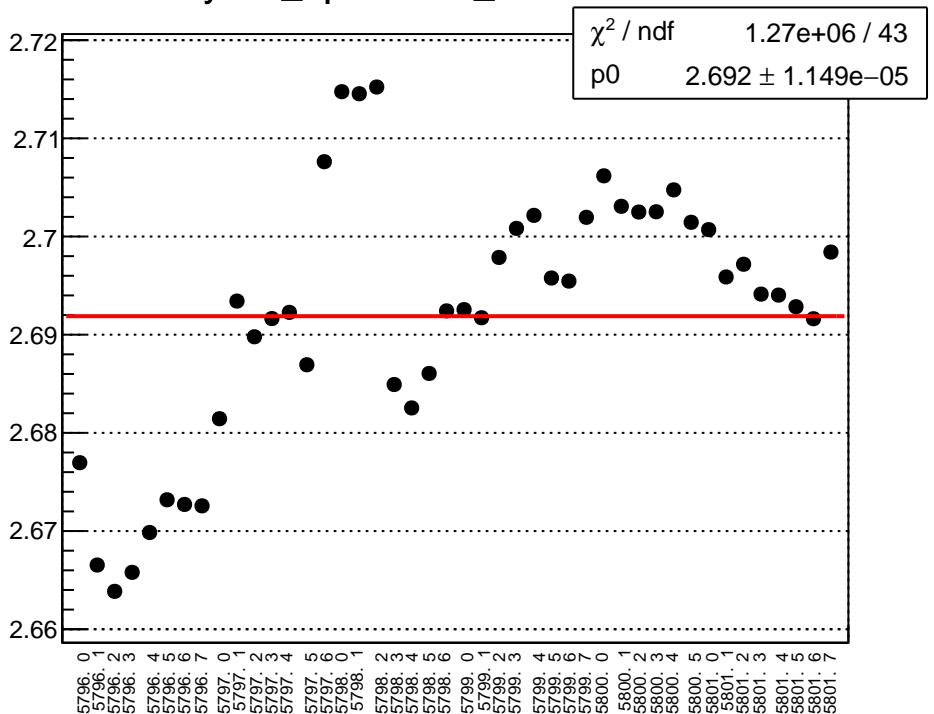
# yield\_bpm0l05X\_mean vs run



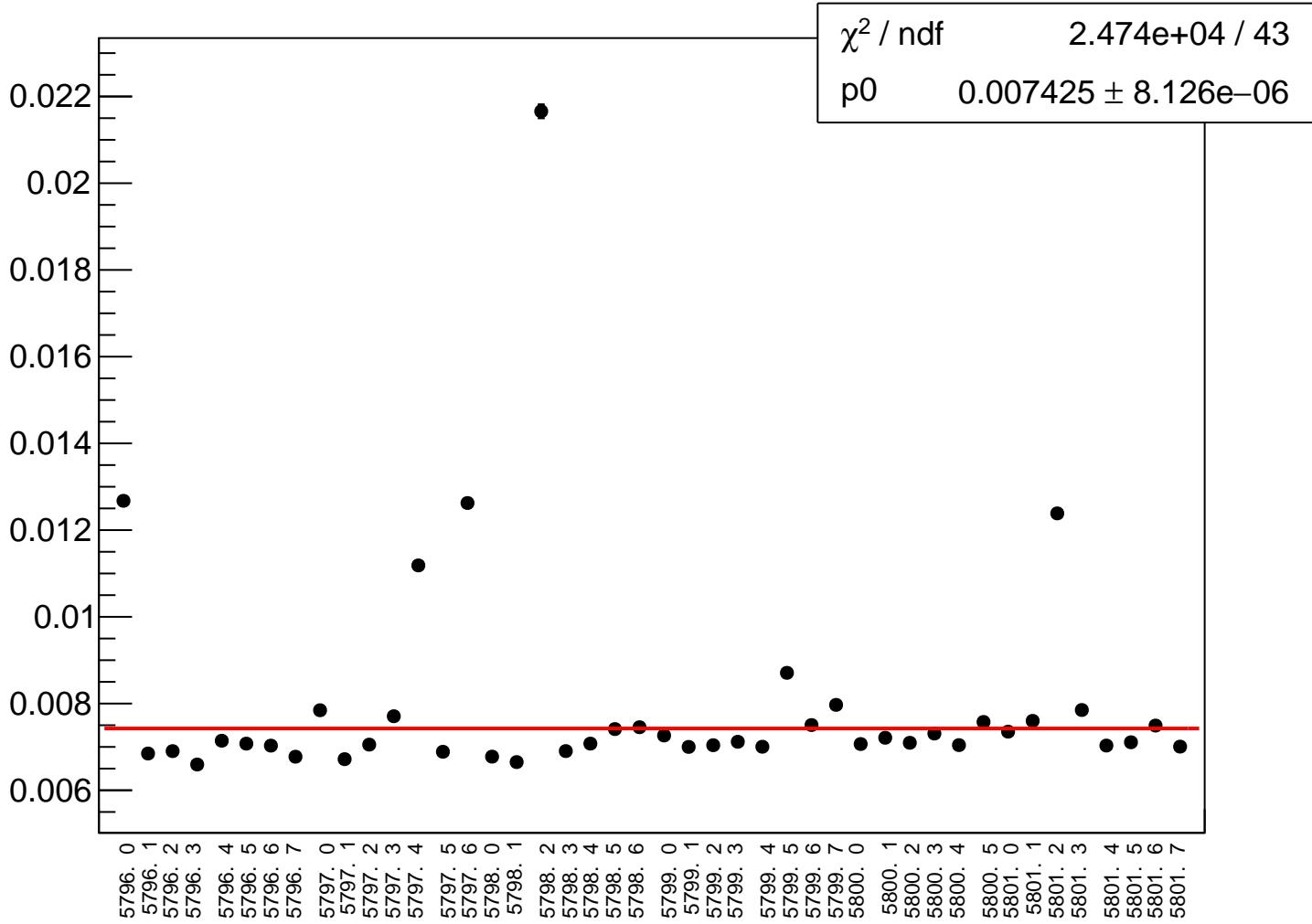
# yield\_bpm0l05X\_rms vs run



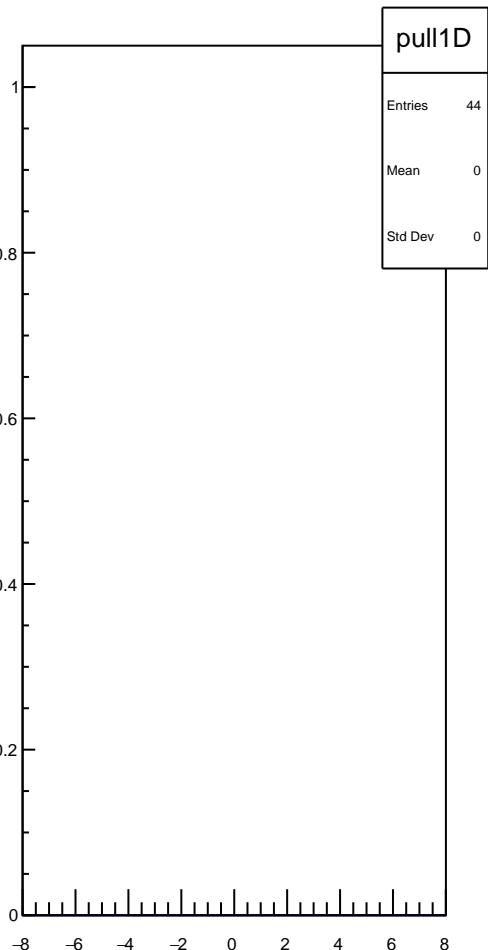
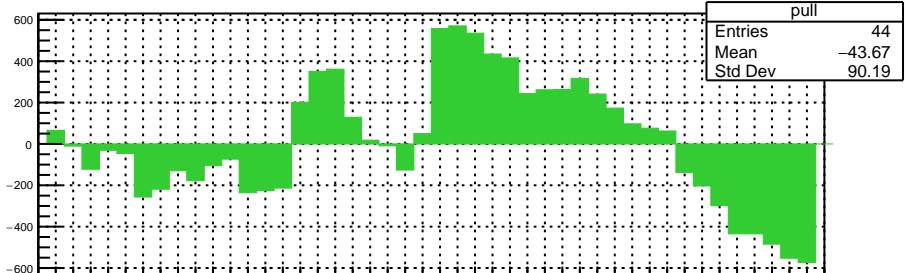
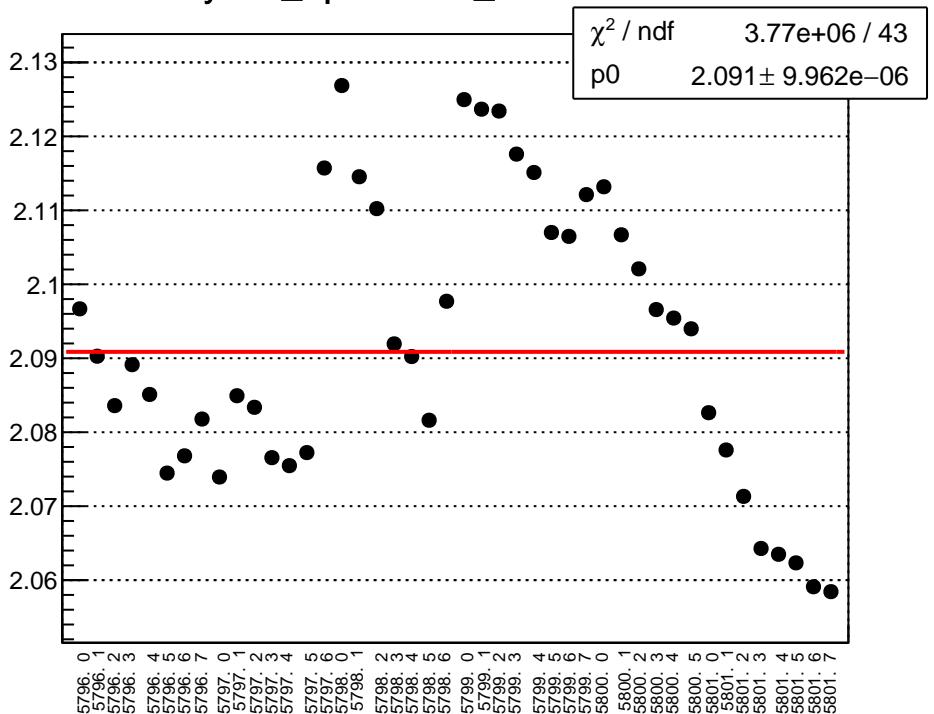
# yield\_bpm0I05Y\_mean vs run



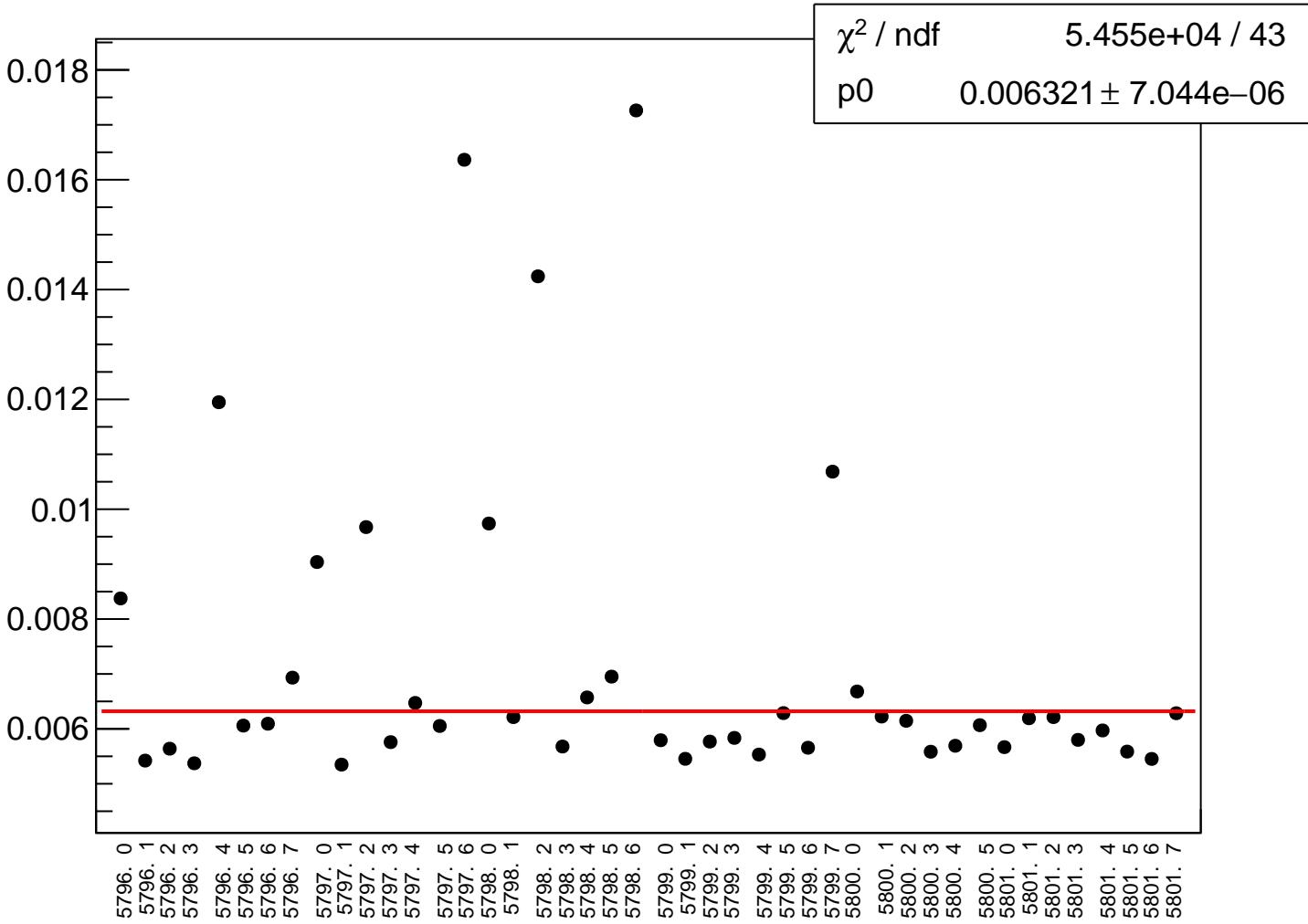
# yield\_bpm0l05Y\_rms vs run



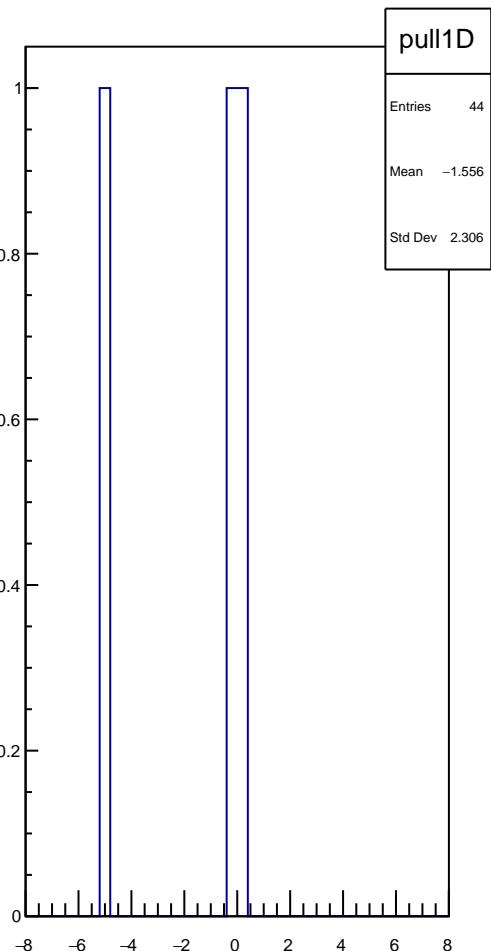
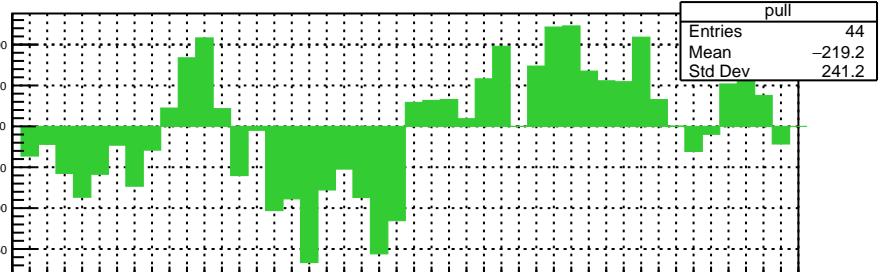
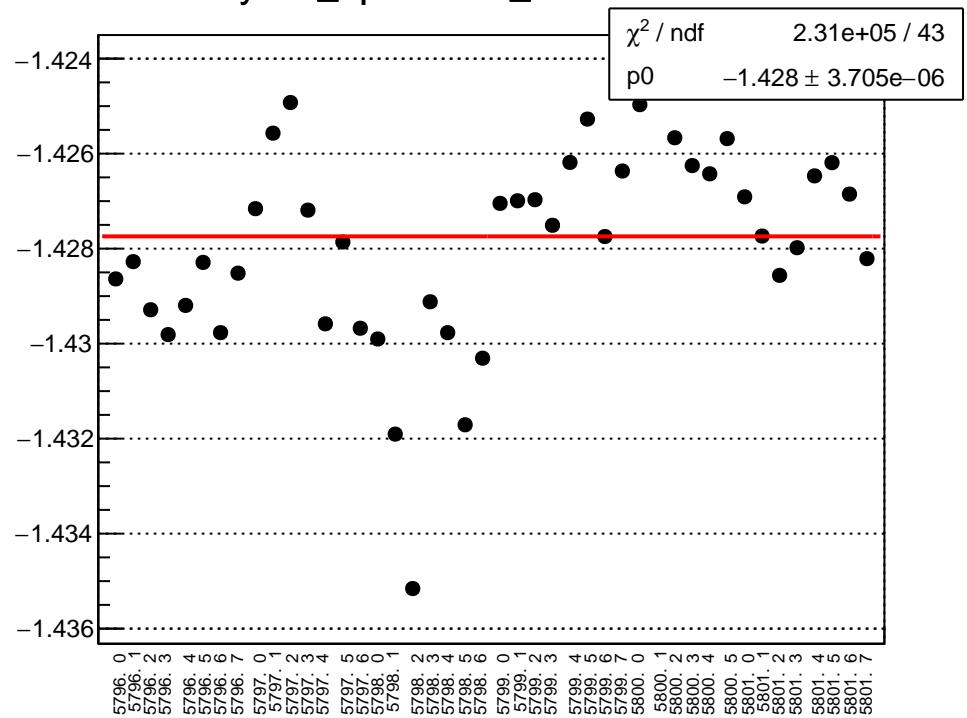
# yield\_bpm0l06X\_mean vs run



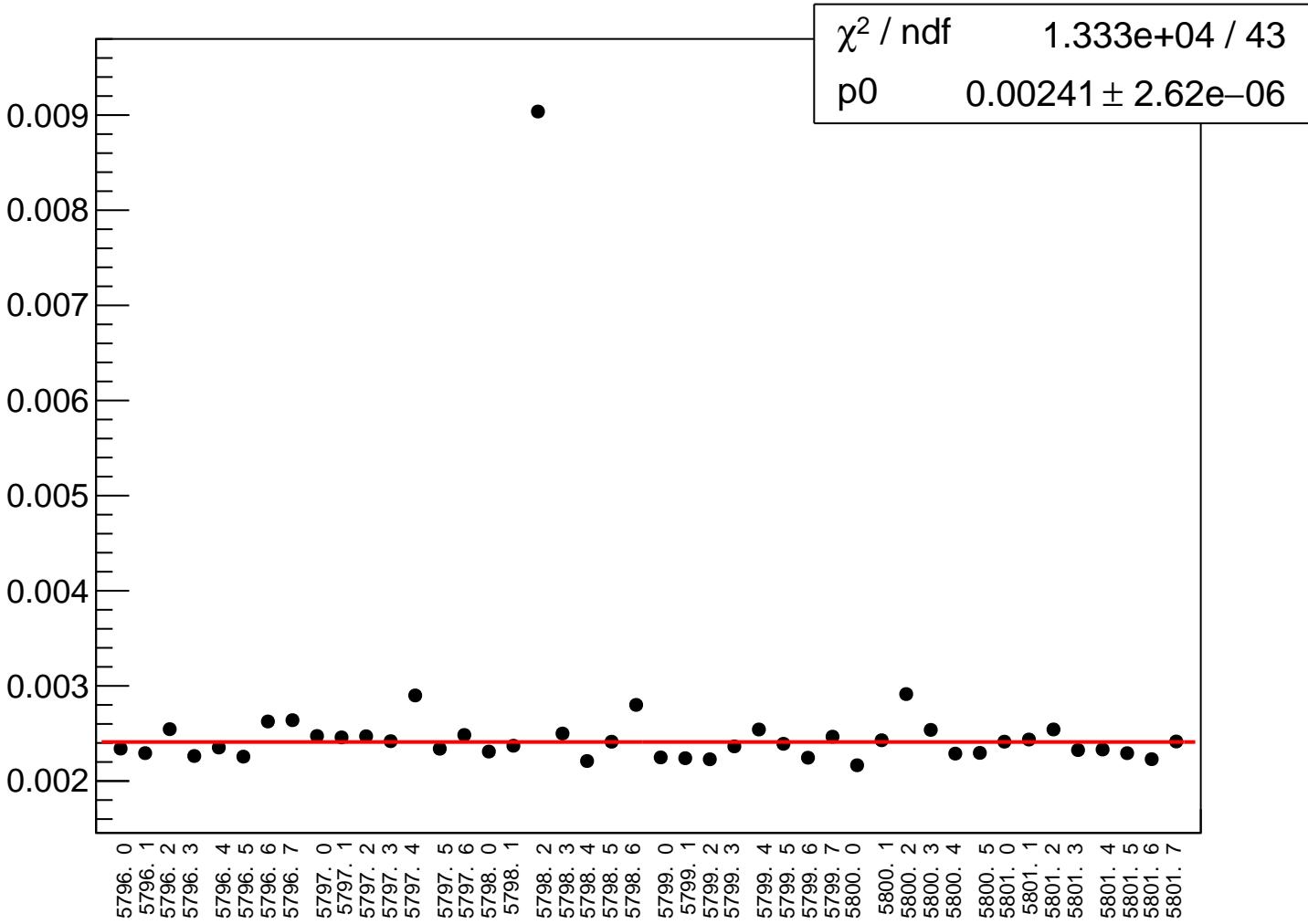
# yield\_bpm0l06X\_rms vs run



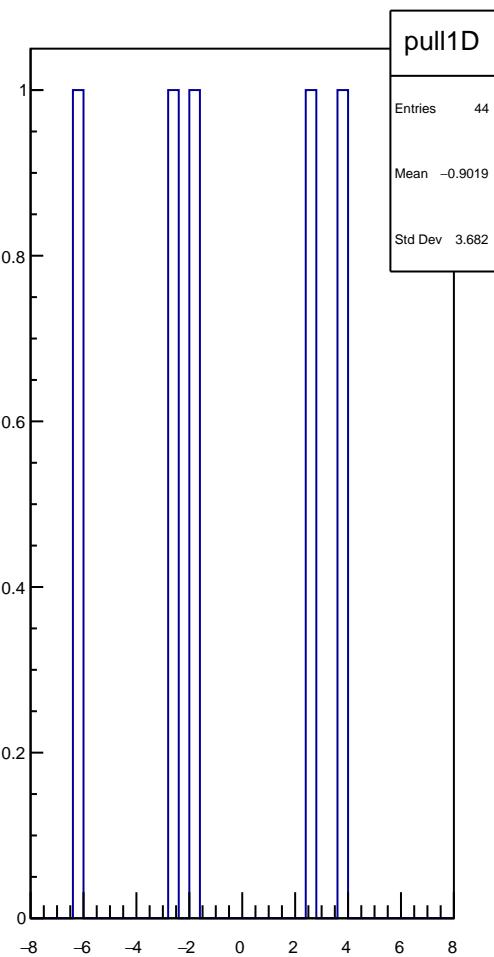
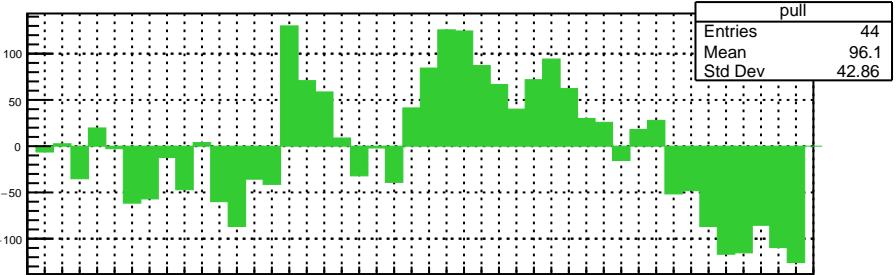
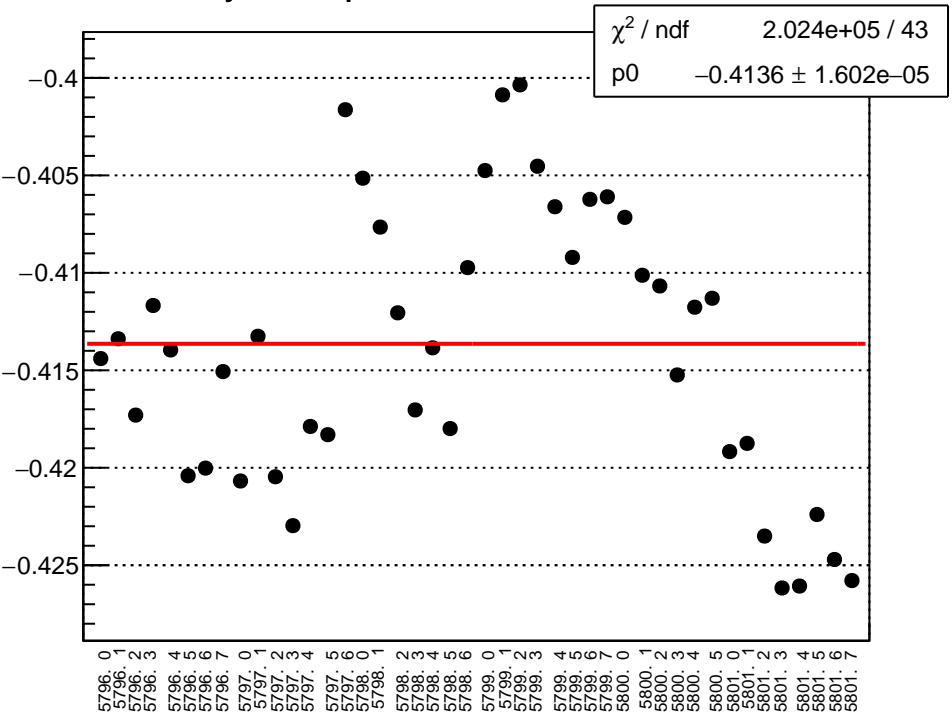
# yield\_bpm0l06Y\_mean vs run



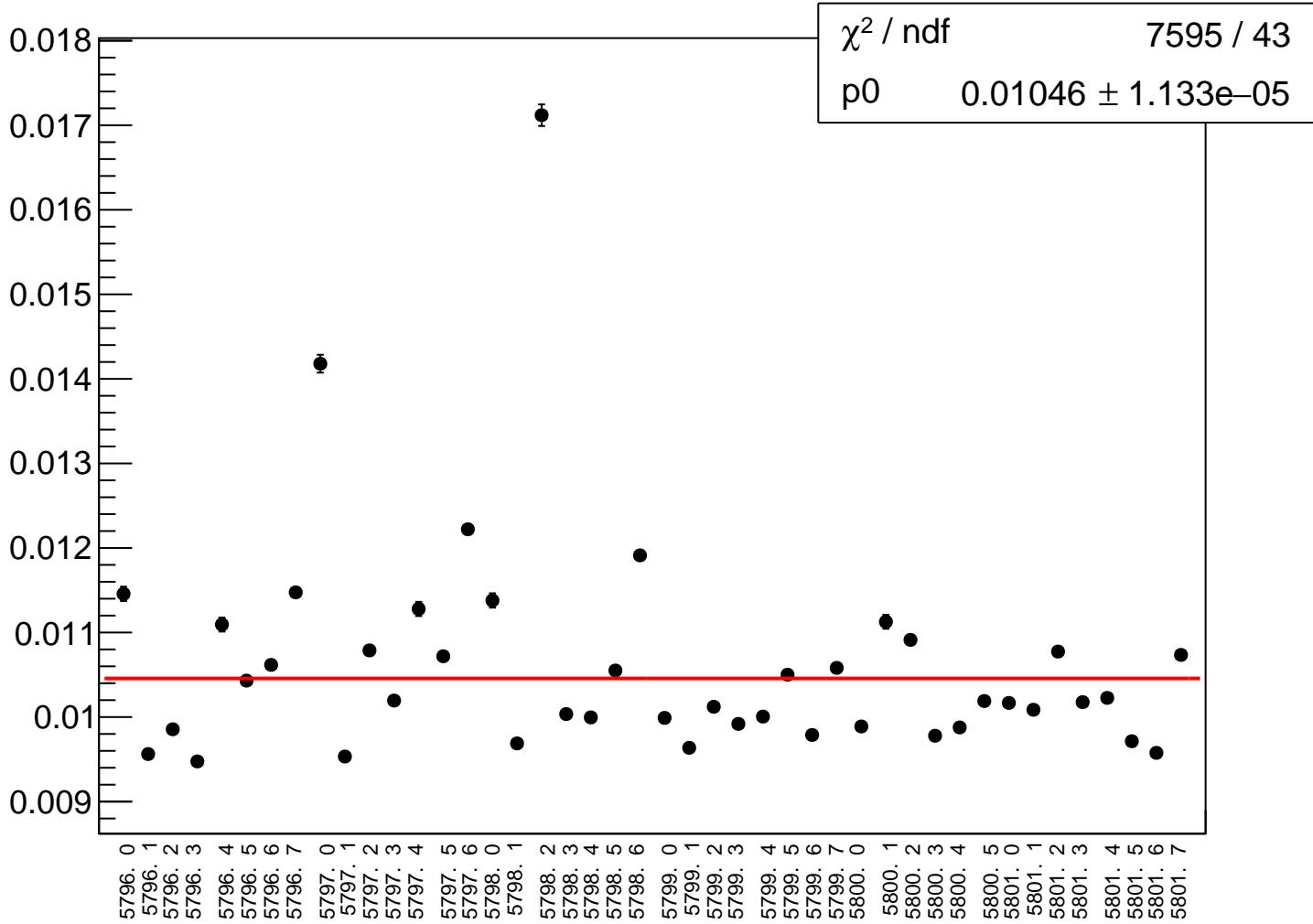
# yield\_bpm0l06Y\_rms vs run



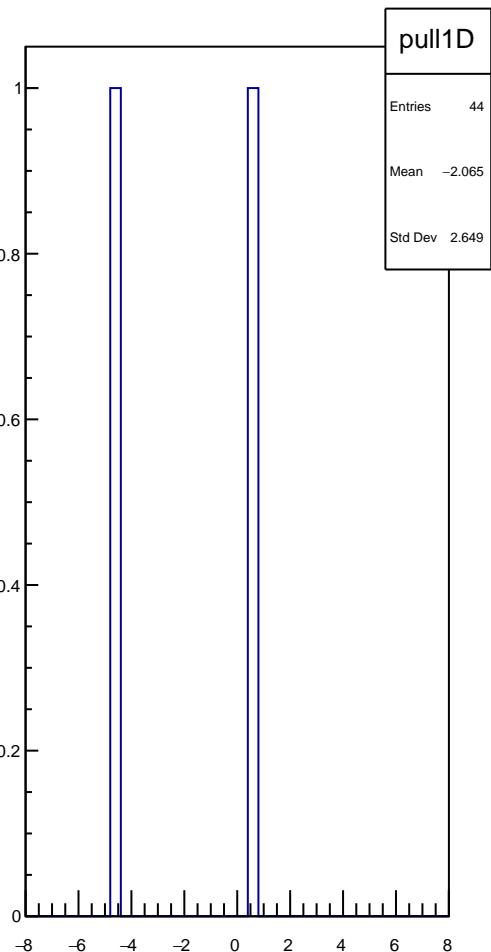
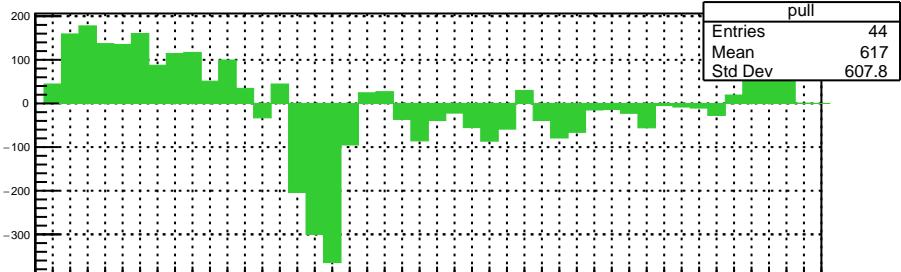
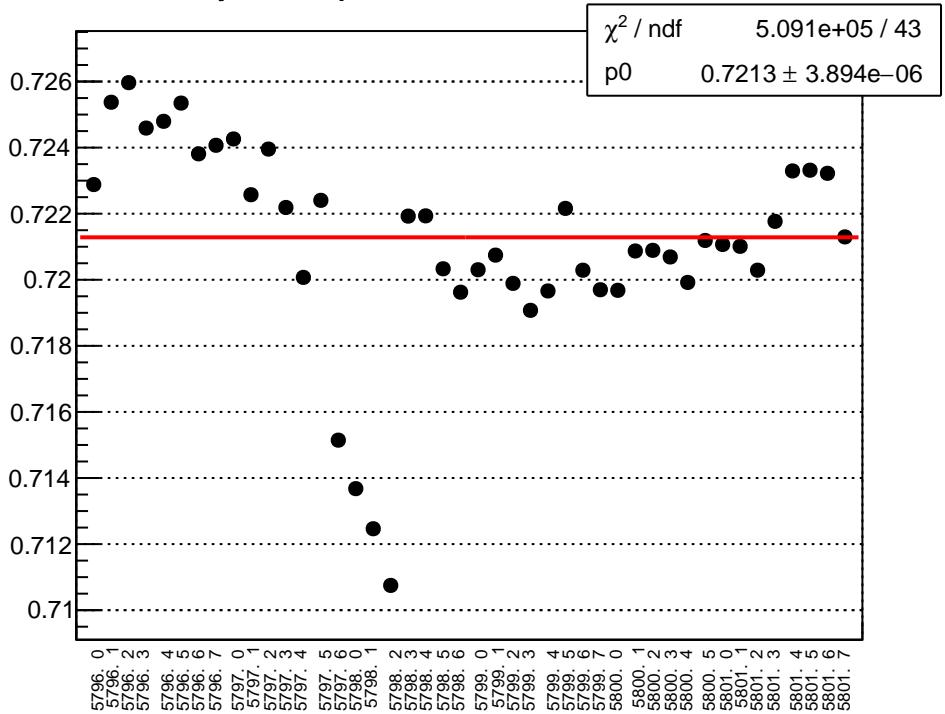
# yield\_bpm0l07X\_mean vs run



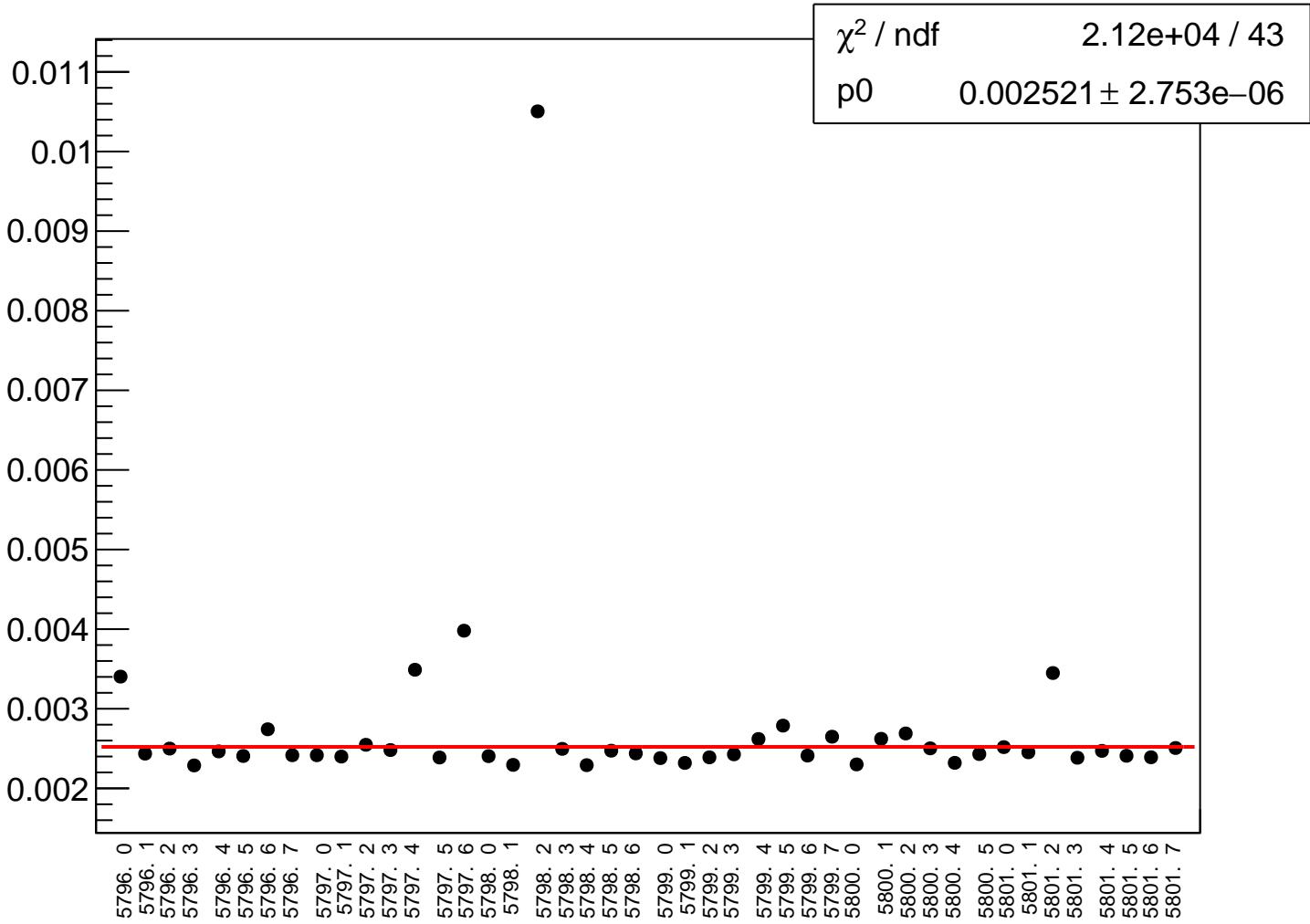
# yield\_bpm0l07X\_rms vs run



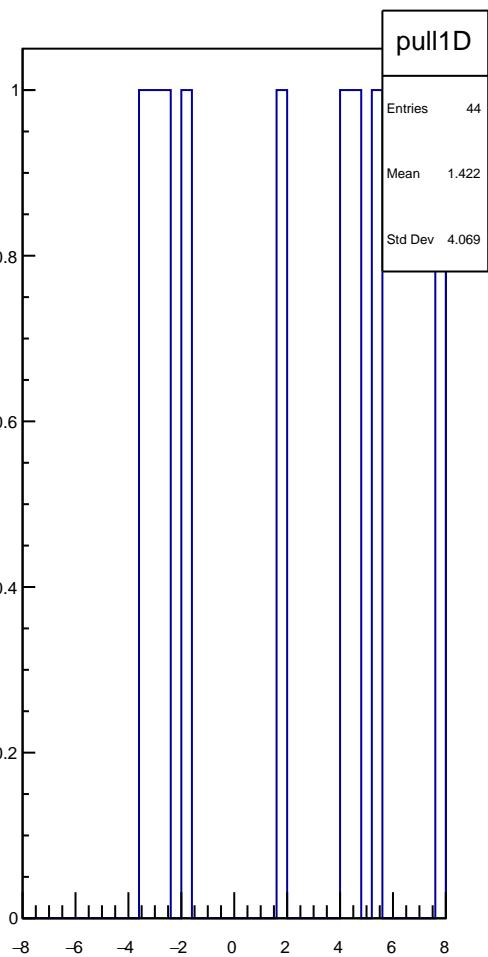
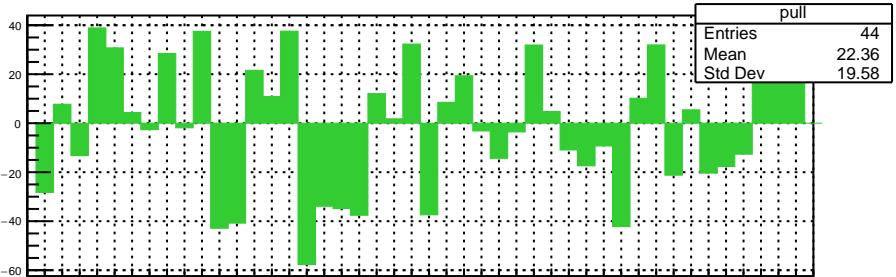
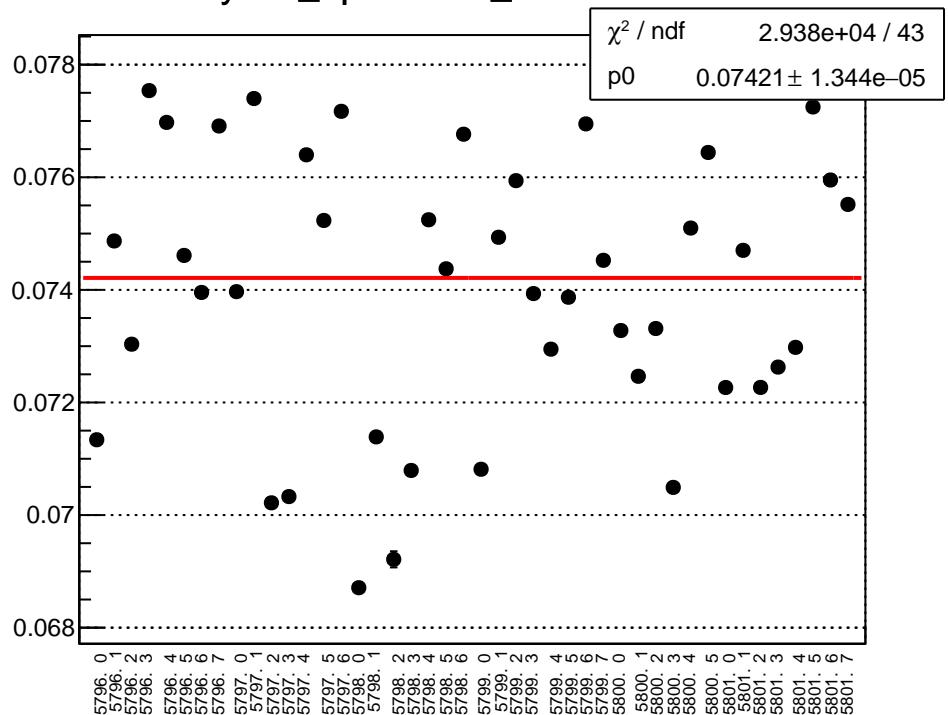
# yield\_bpm0I07Y\_mean vs run



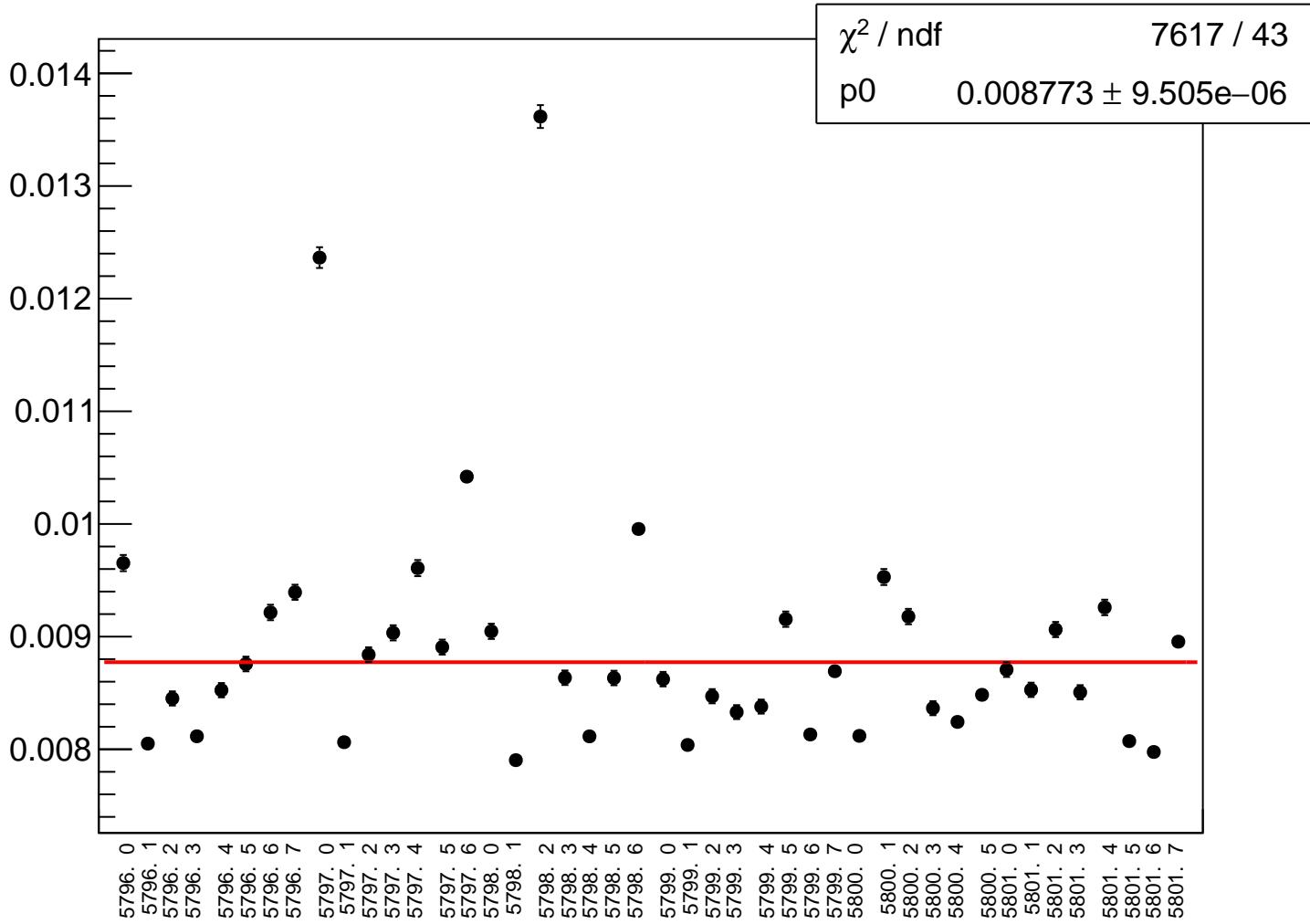
# yield\_bpm0l07Y\_rms vs run



# yield\_bpm0l08X\_mean vs run

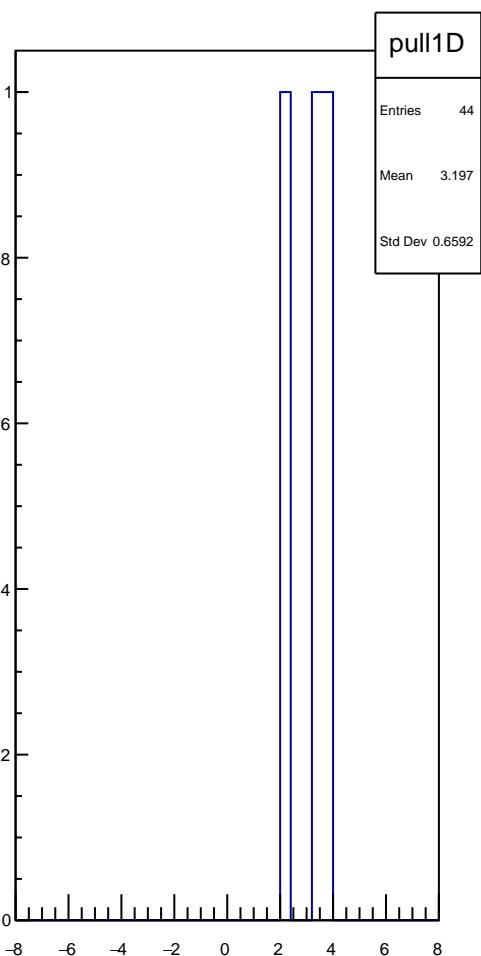
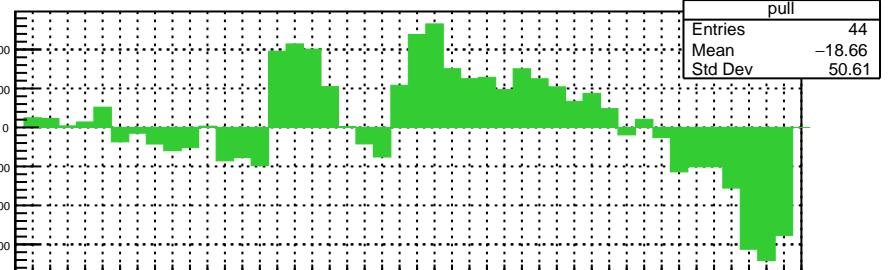
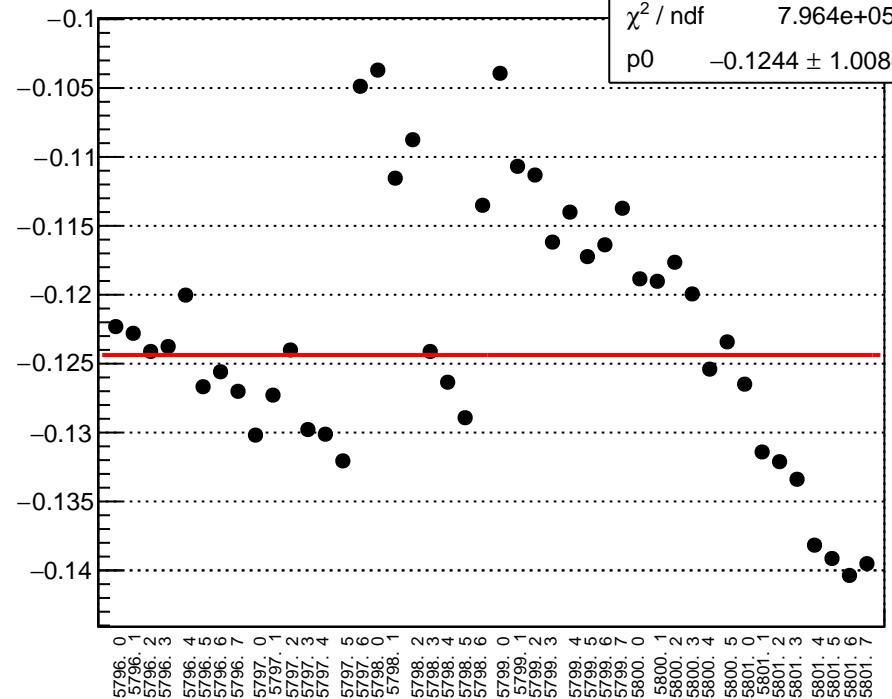


# yield\_bpm0l08X\_rms vs run

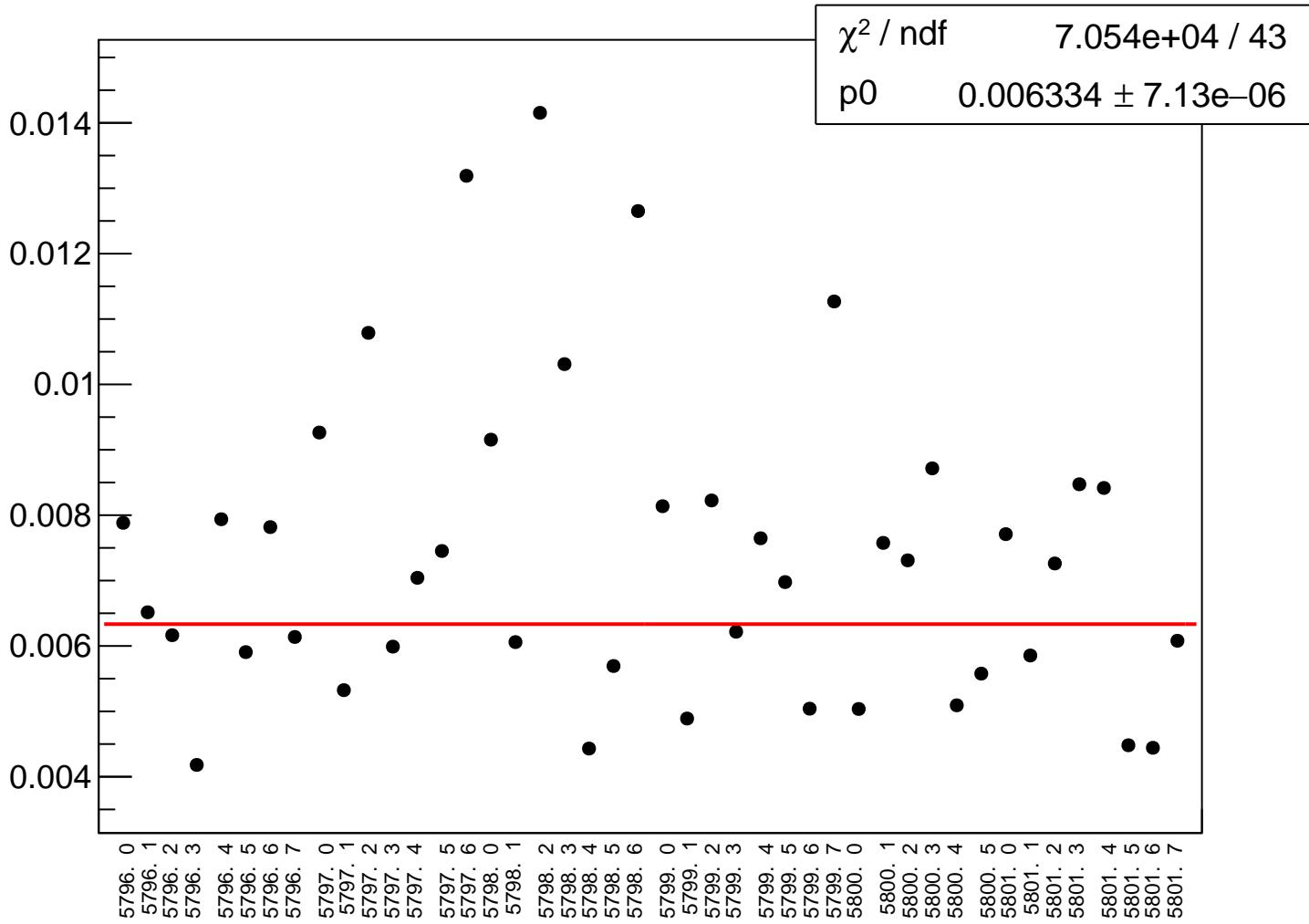


# yield\_bpm0I08Y\_mean vs run

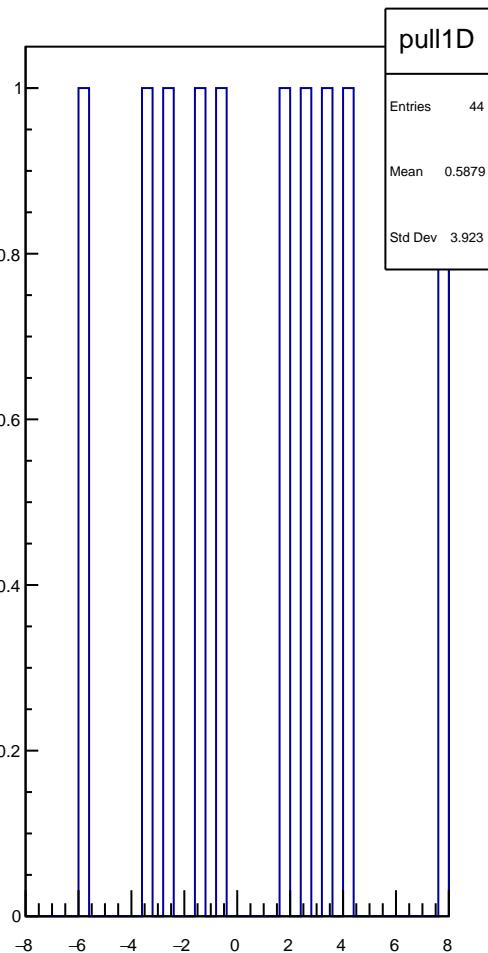
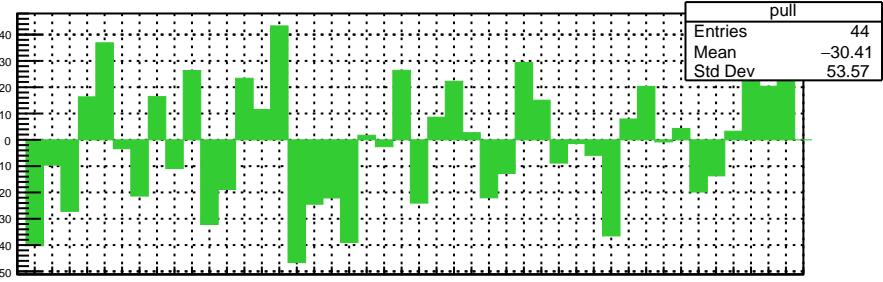
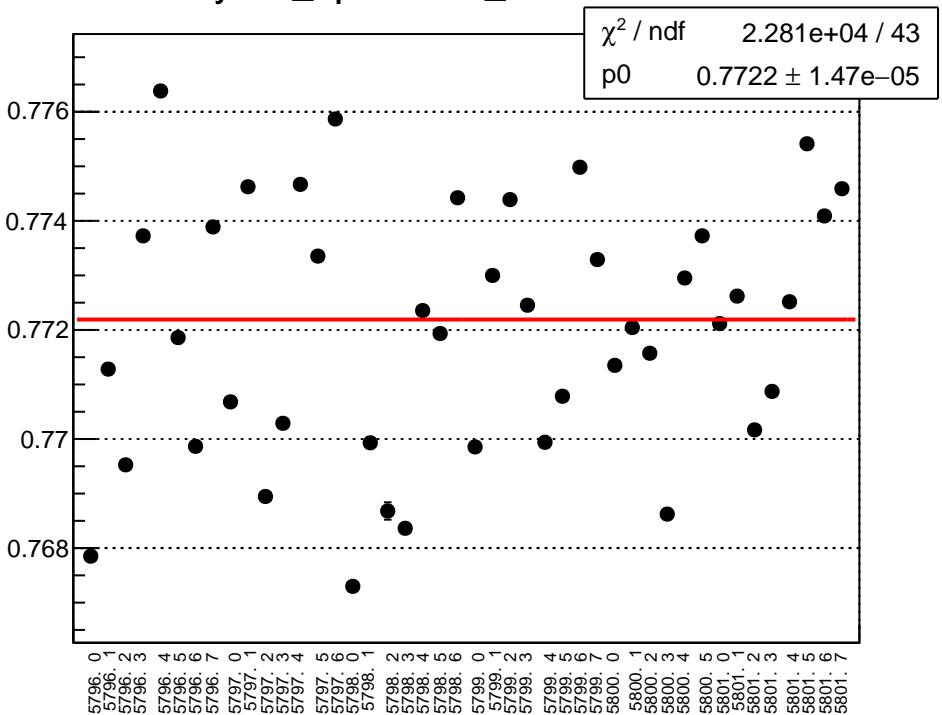
$\chi^2 / \text{ndf}$  7.964e+05 / 43  
 $p0$   $-0.1244 \pm 1.008\text{e}{-05}$



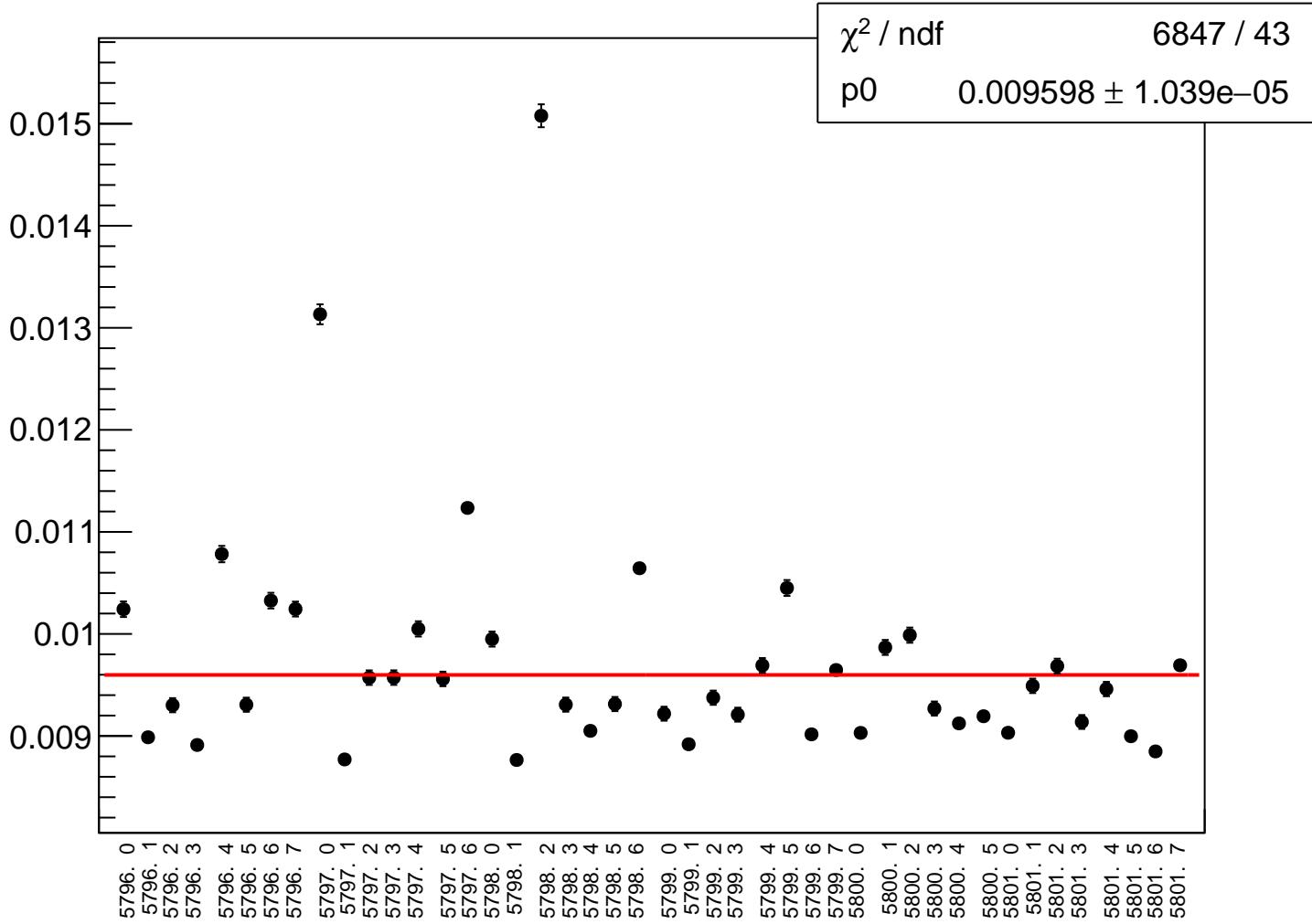
# yield\_bpm0l08Y\_rms vs run



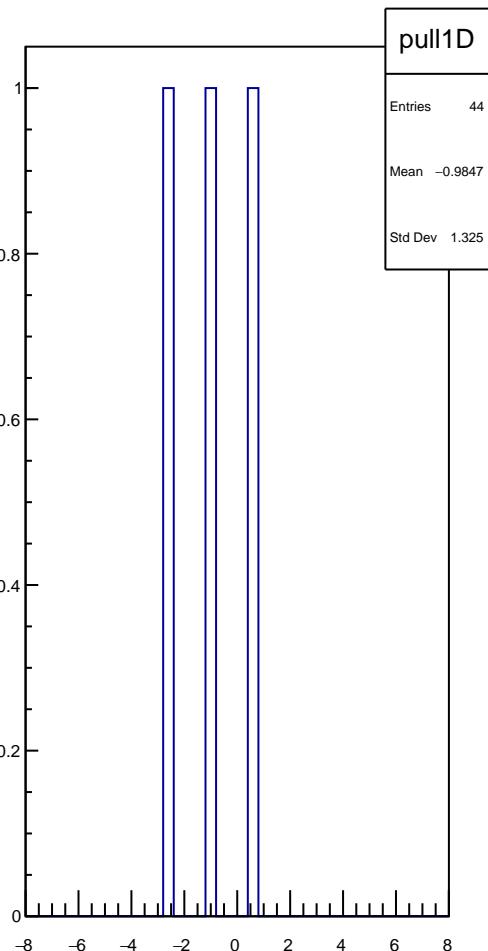
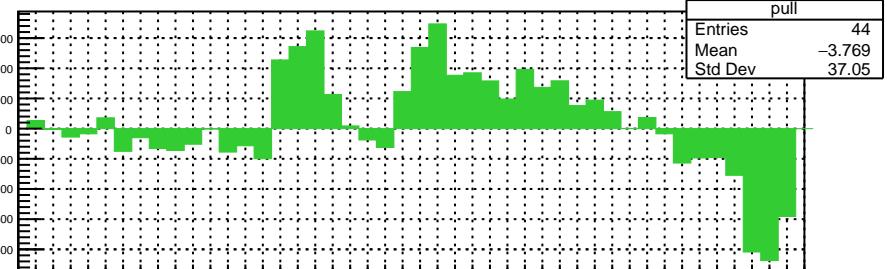
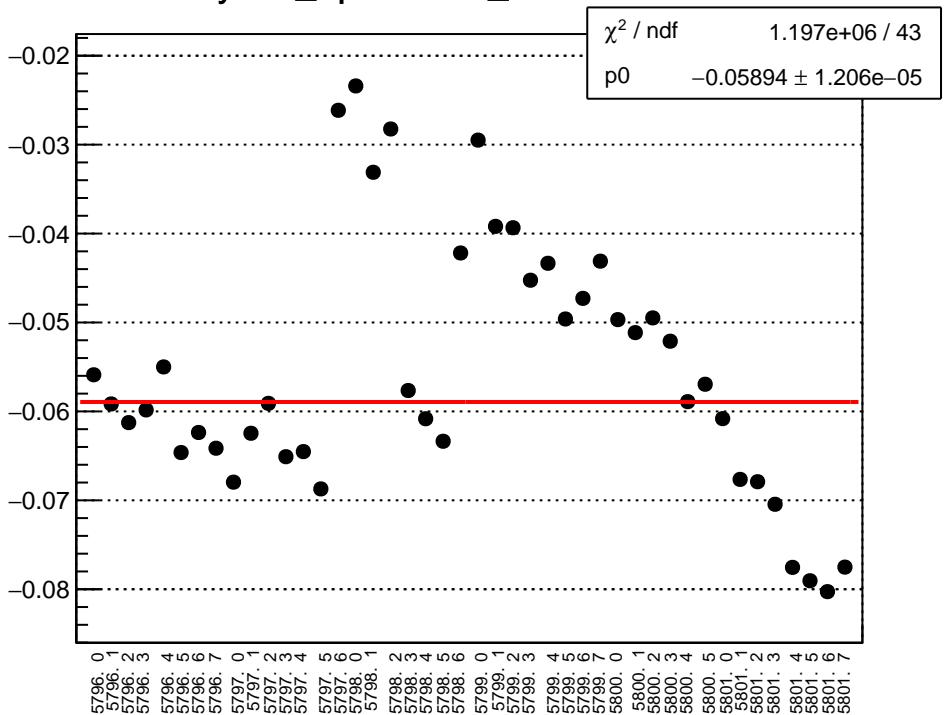
# yield\_bpm0l09X\_mean vs run



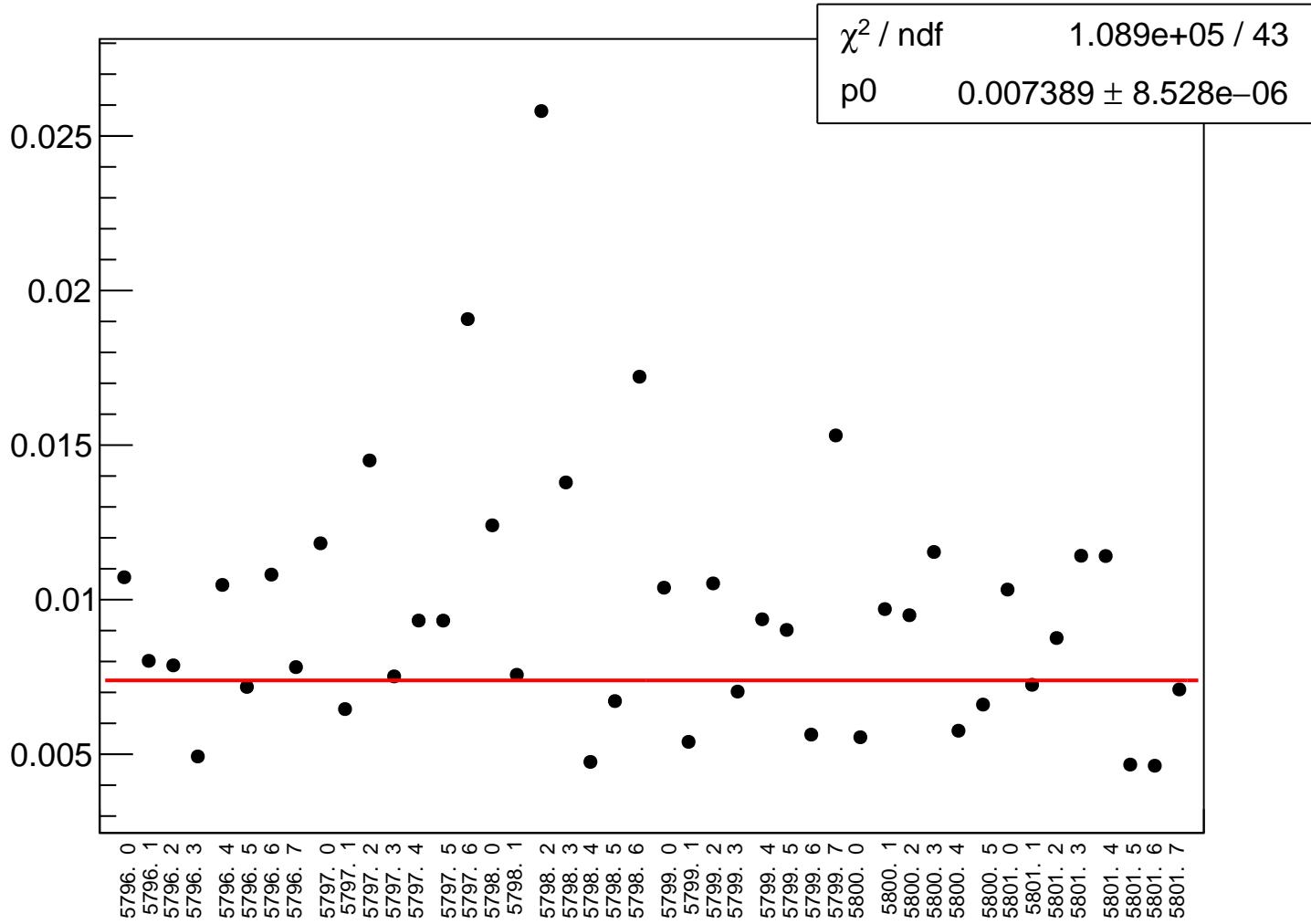
# yield\_bpm0l09X\_rms vs run



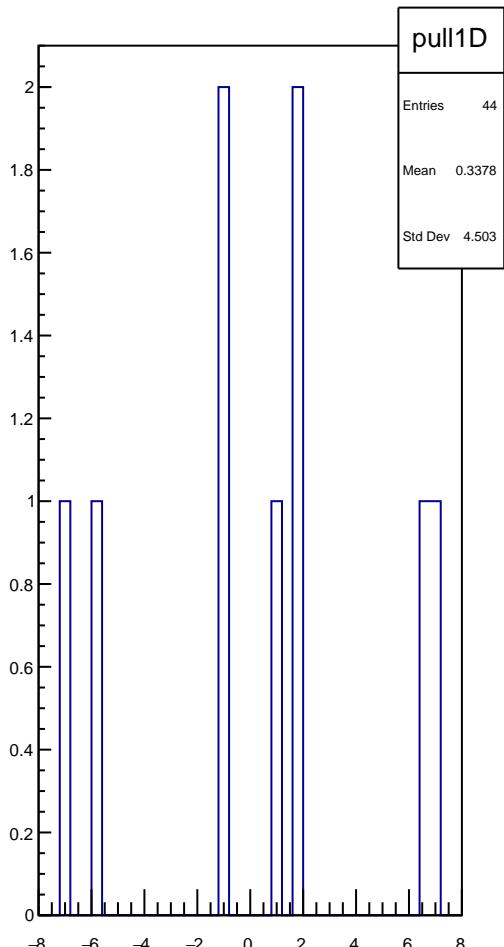
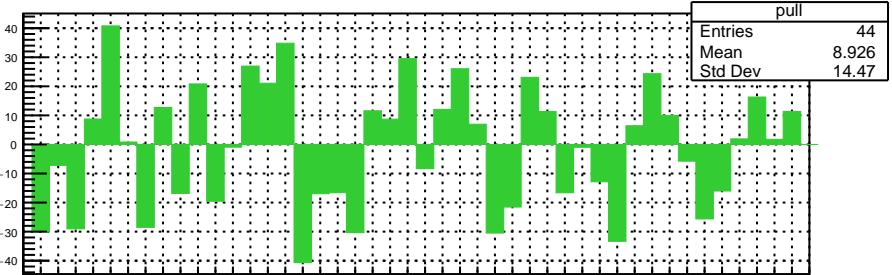
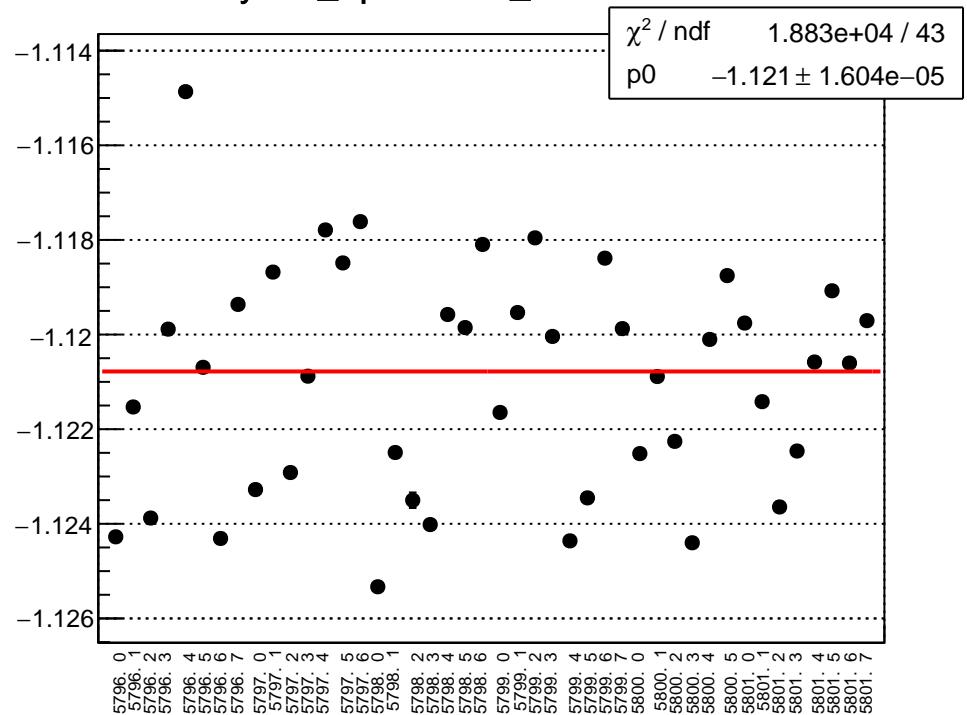
# yield\_bpm0I09Y\_mean vs run



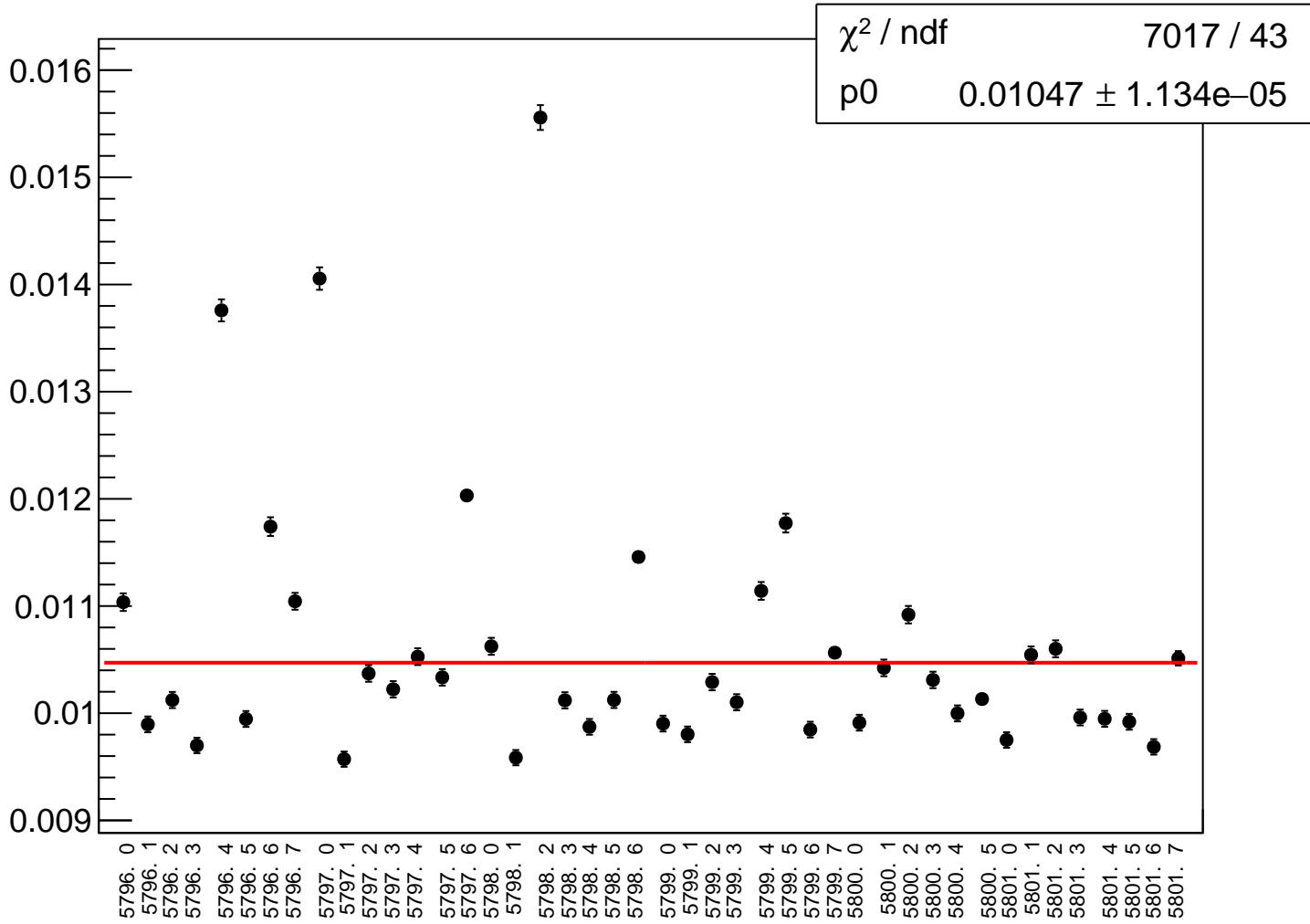
# yield\_bpm0l09Y\_rms vs run



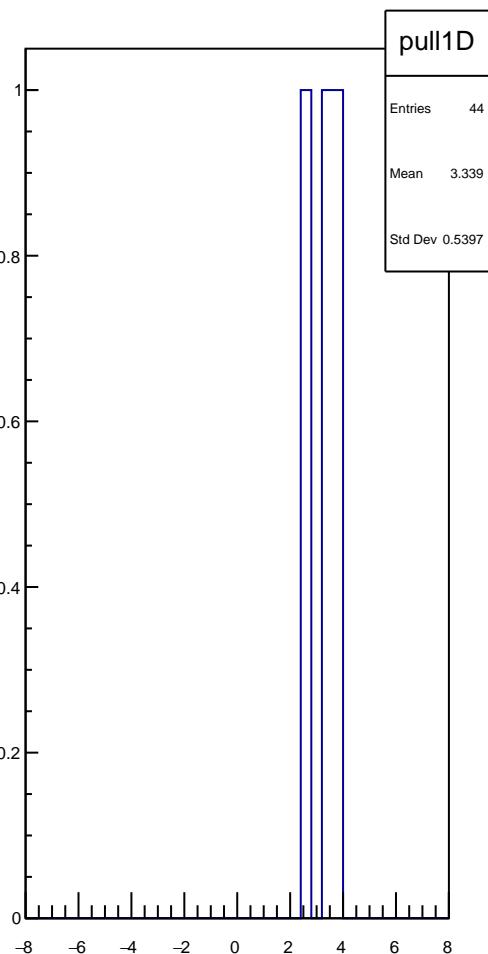
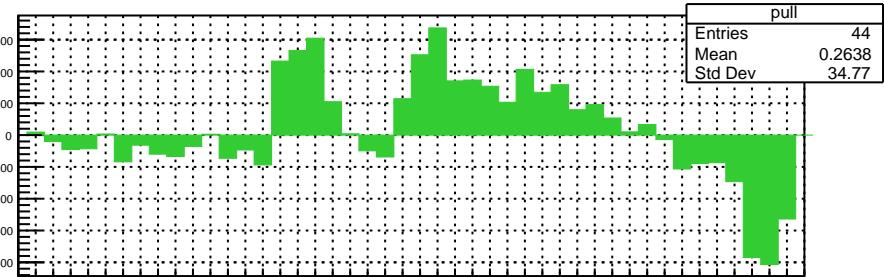
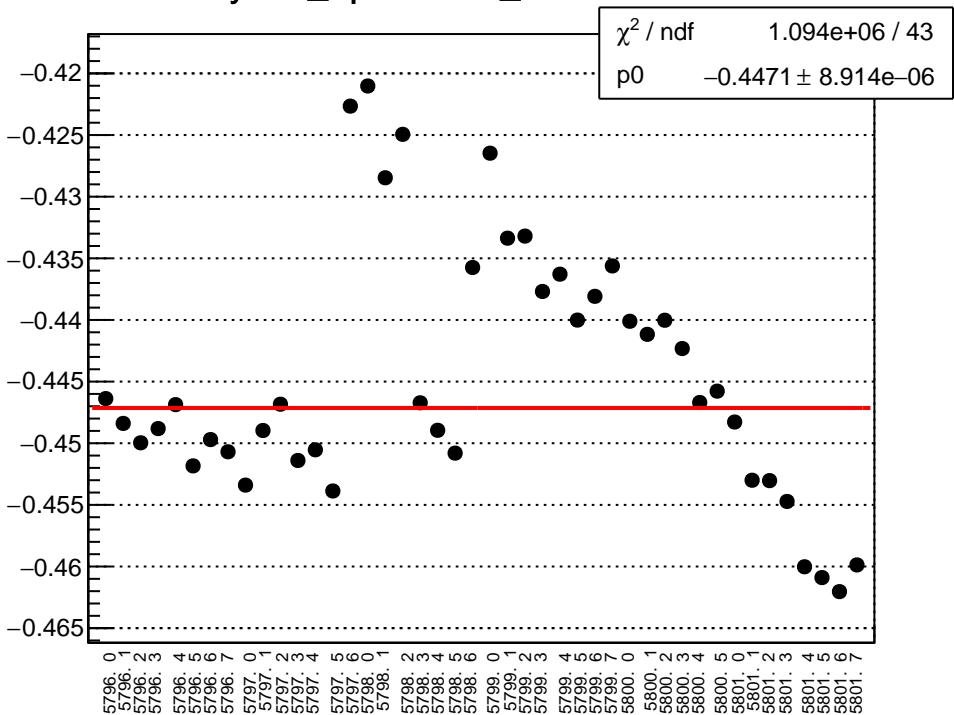
# yield\_bpm0l10X\_mean vs run



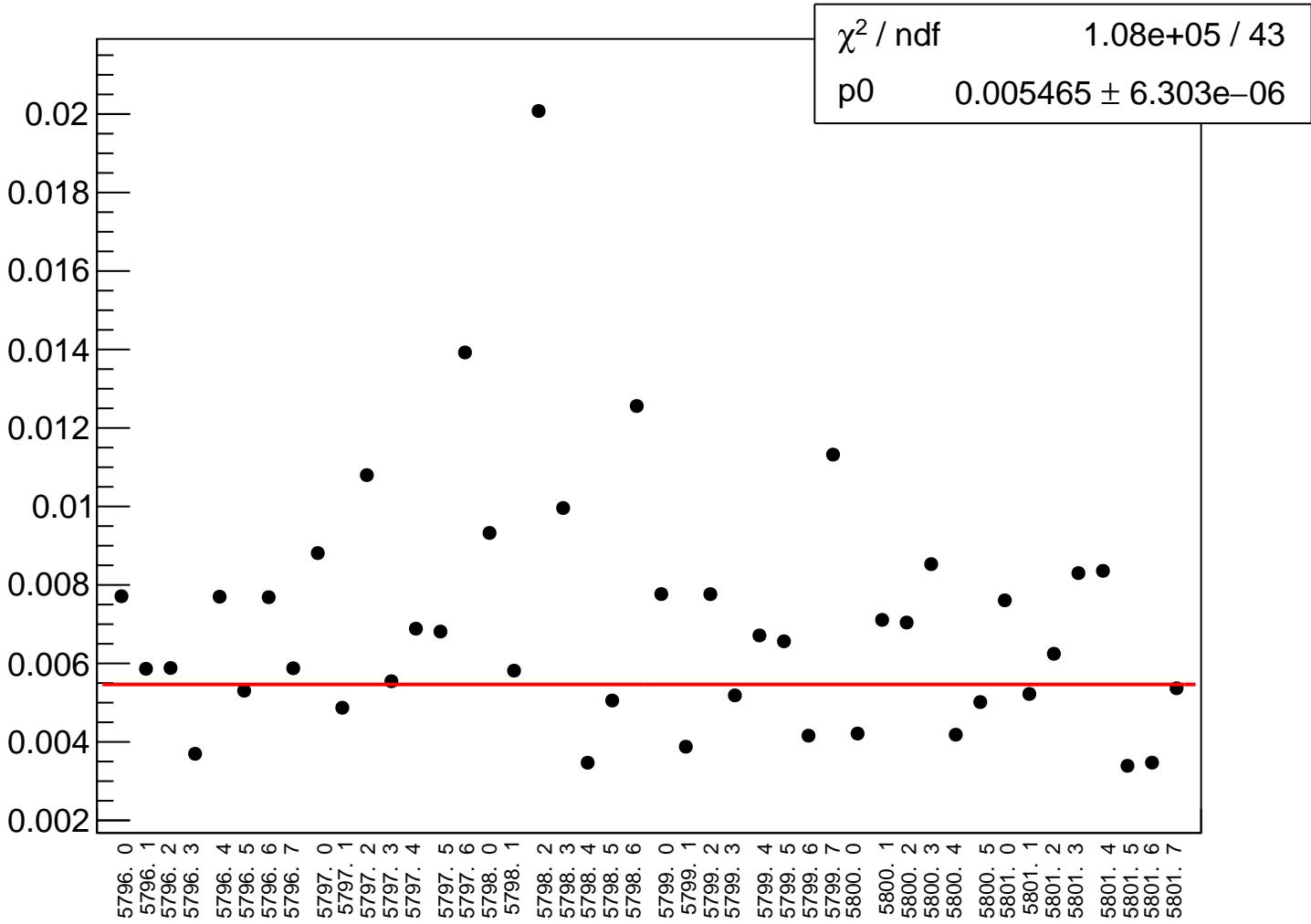
# yield\_bpm0l10X\_rms vs run



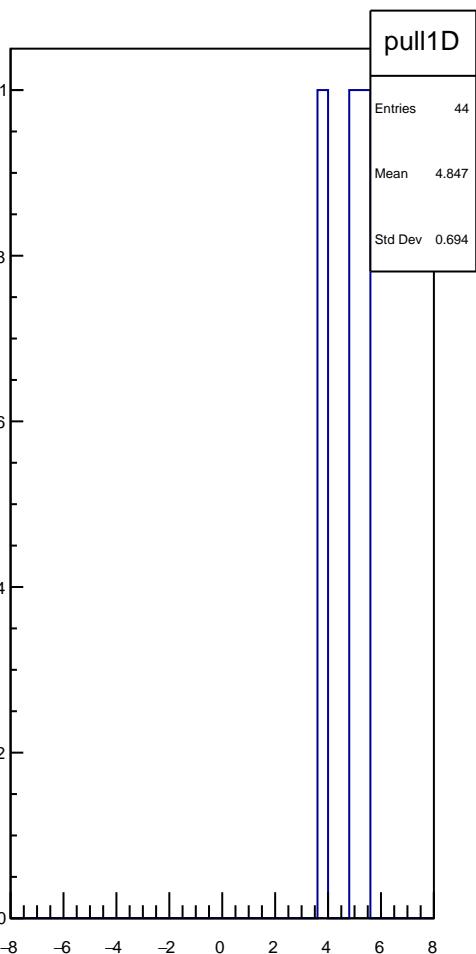
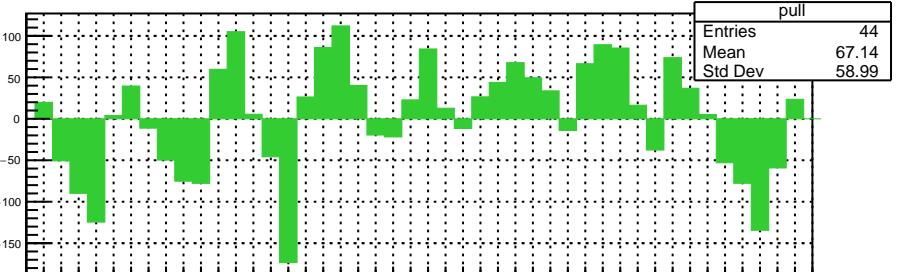
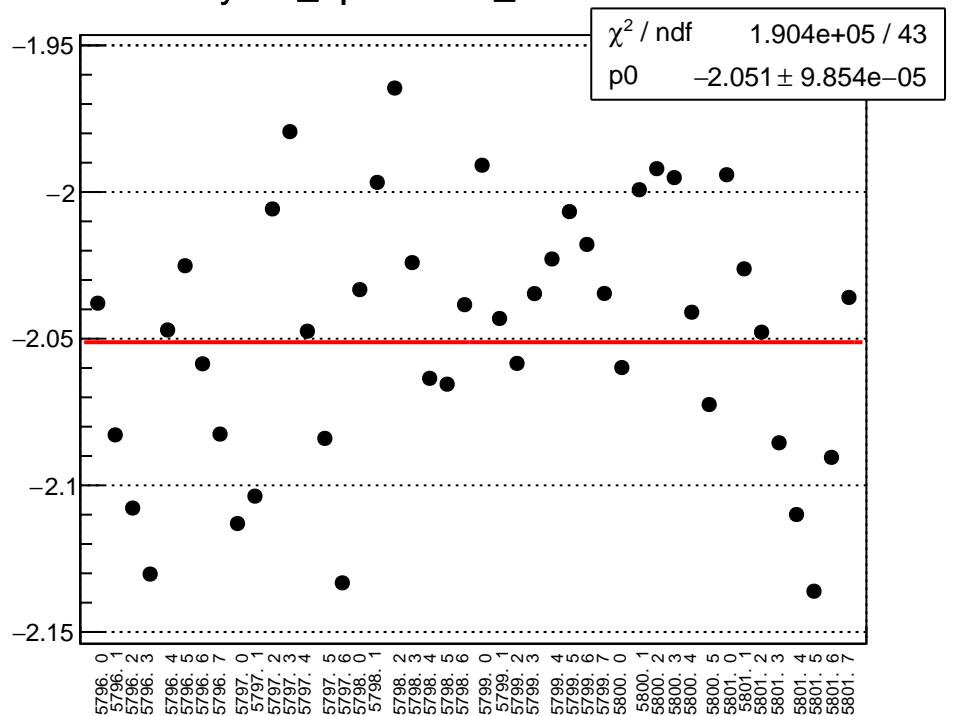
# yield\_bpm0I10Y\_mean vs run



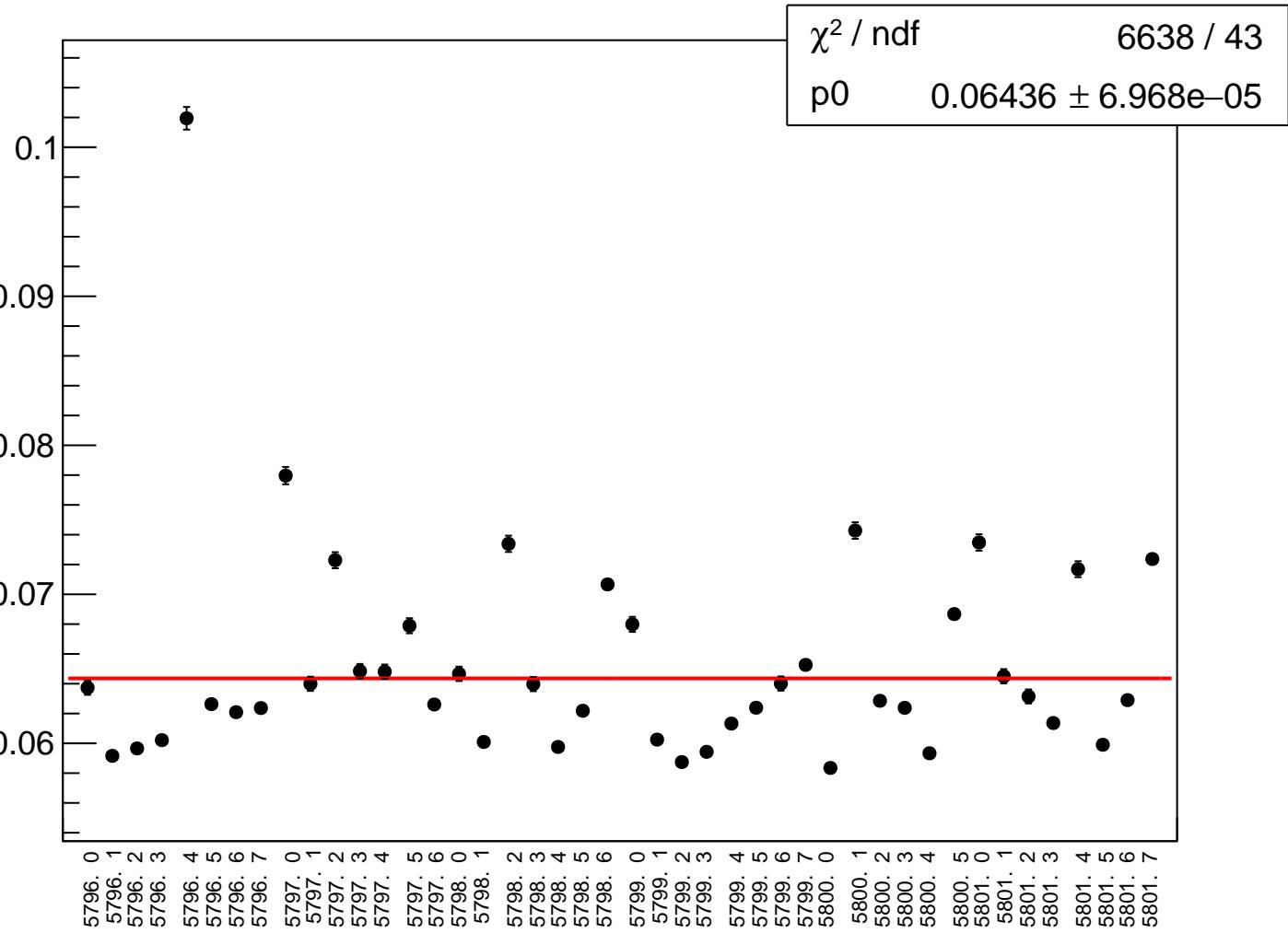
# yield\_bpm0l10Y\_rms vs run



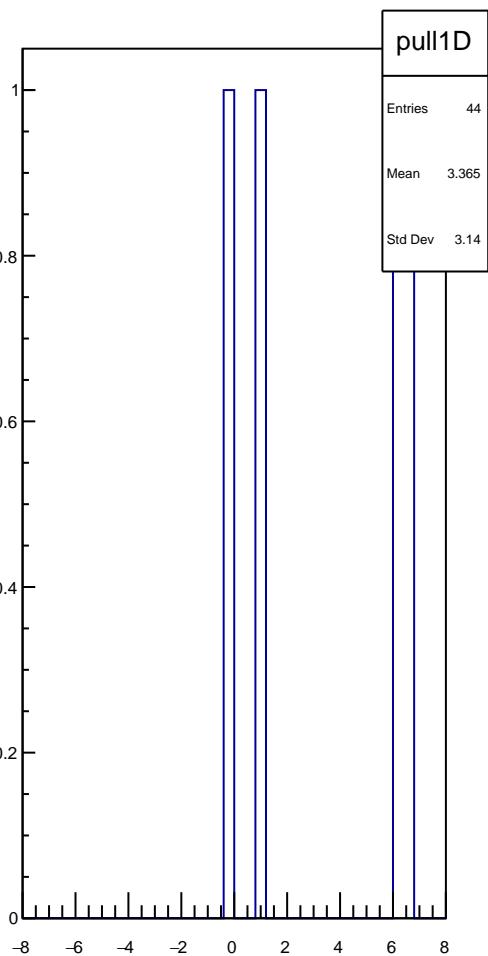
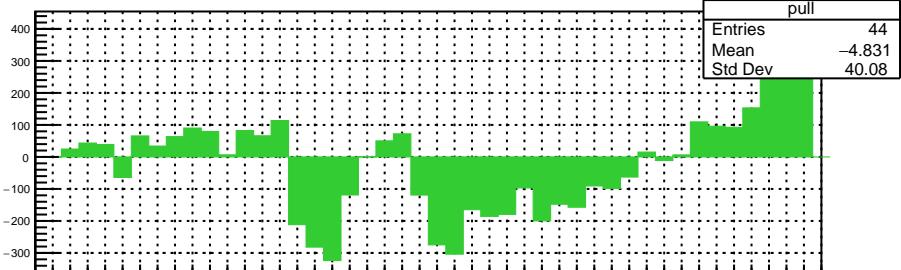
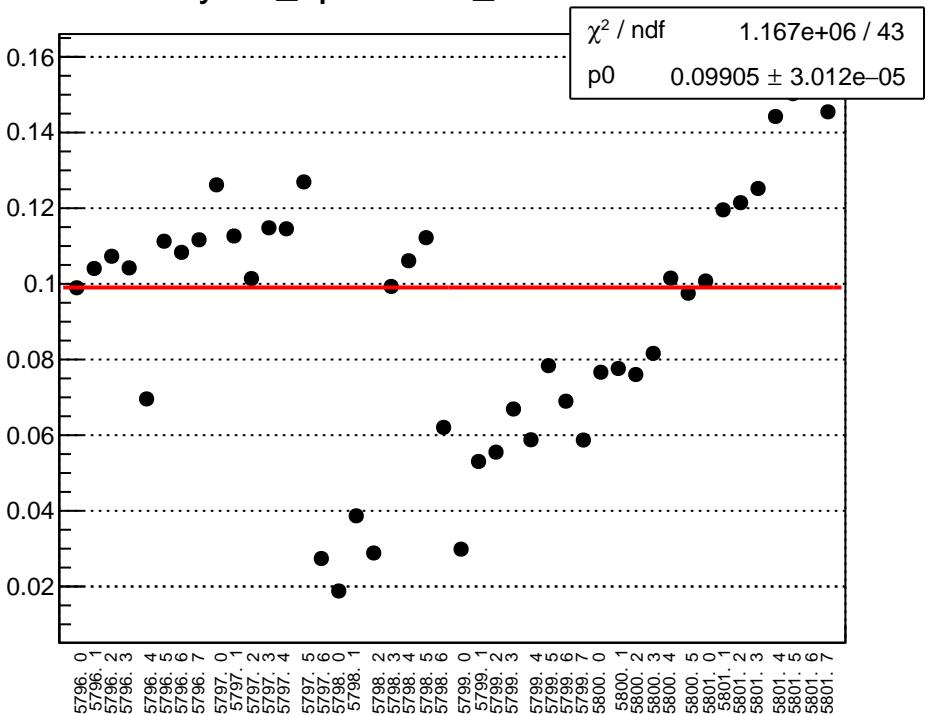
# yield\_bpm0r03X\_mean vs run



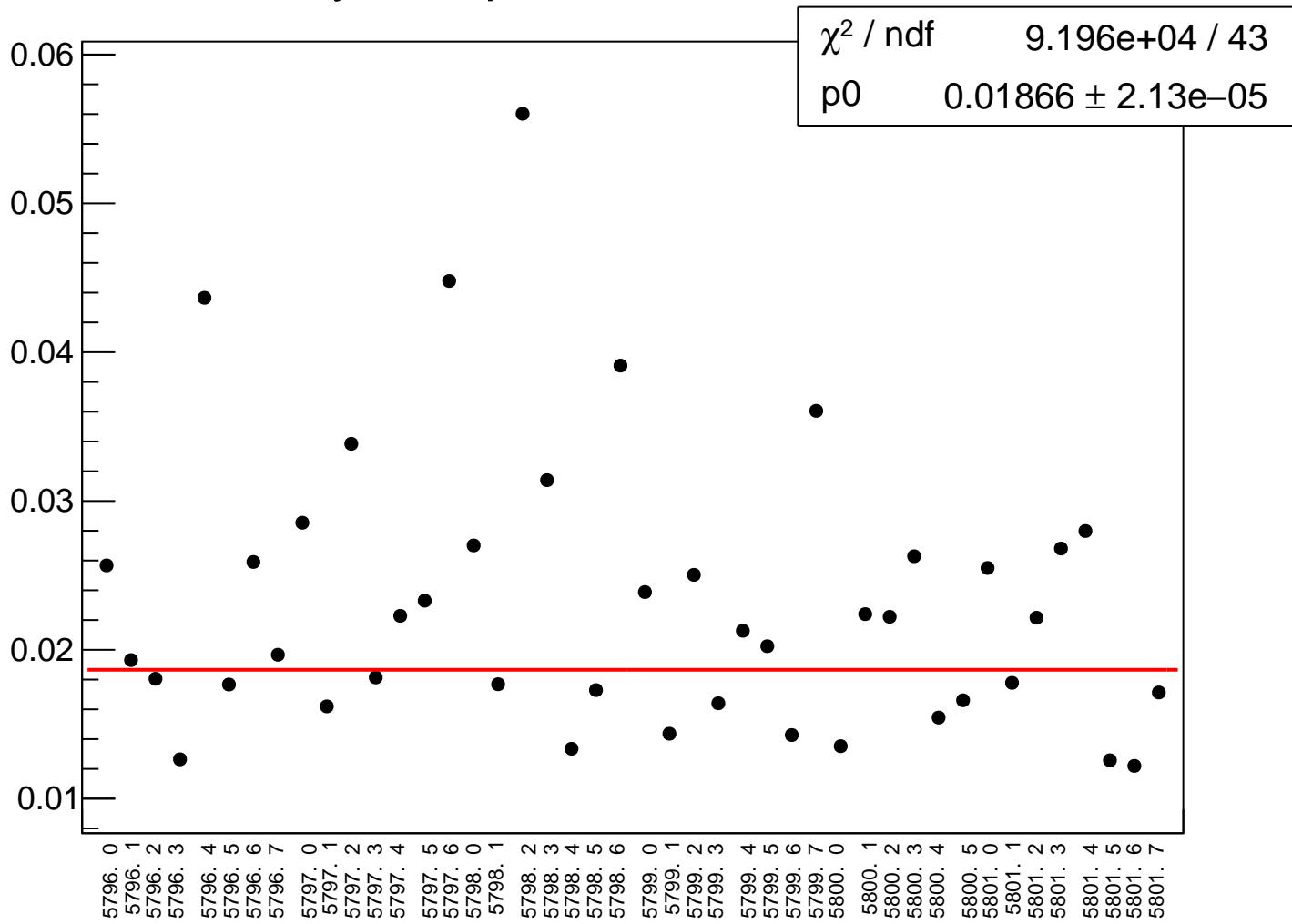
# yield\_bpm0r03X\_rms vs run



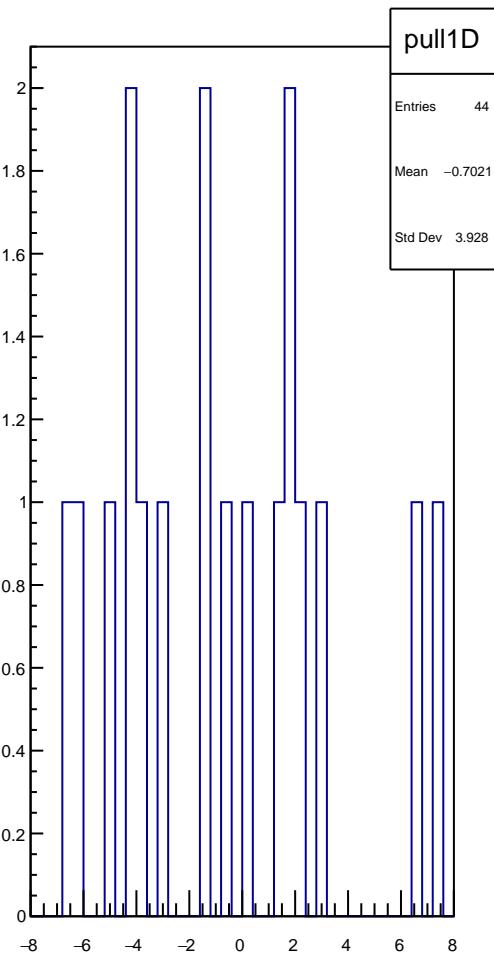
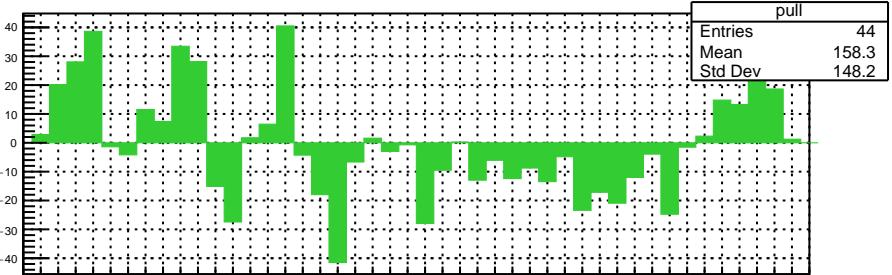
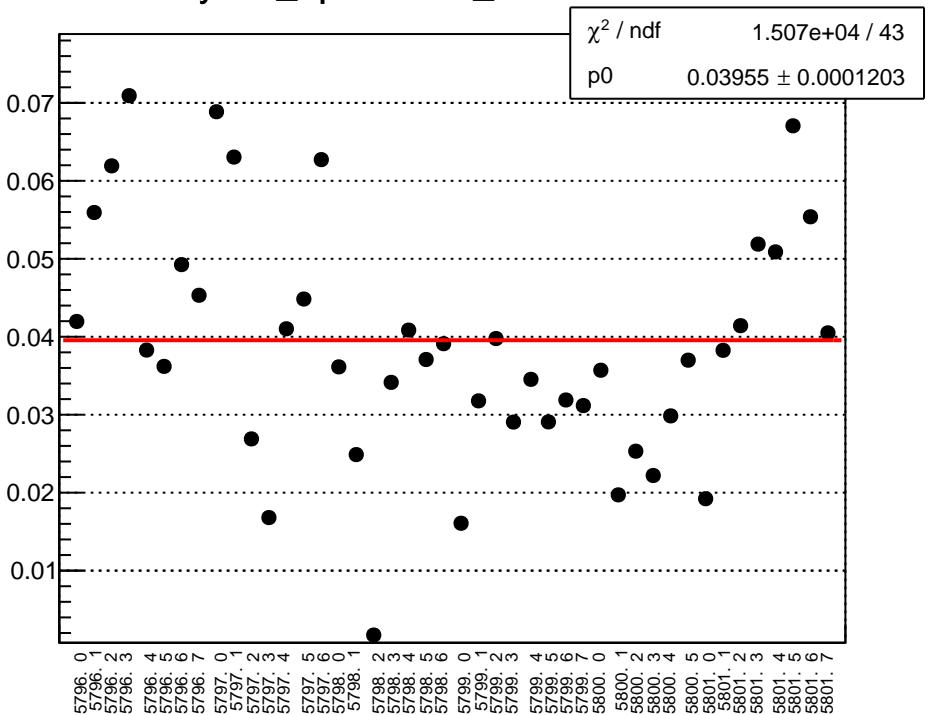
# yield\_bpm0r03Y\_mean vs run



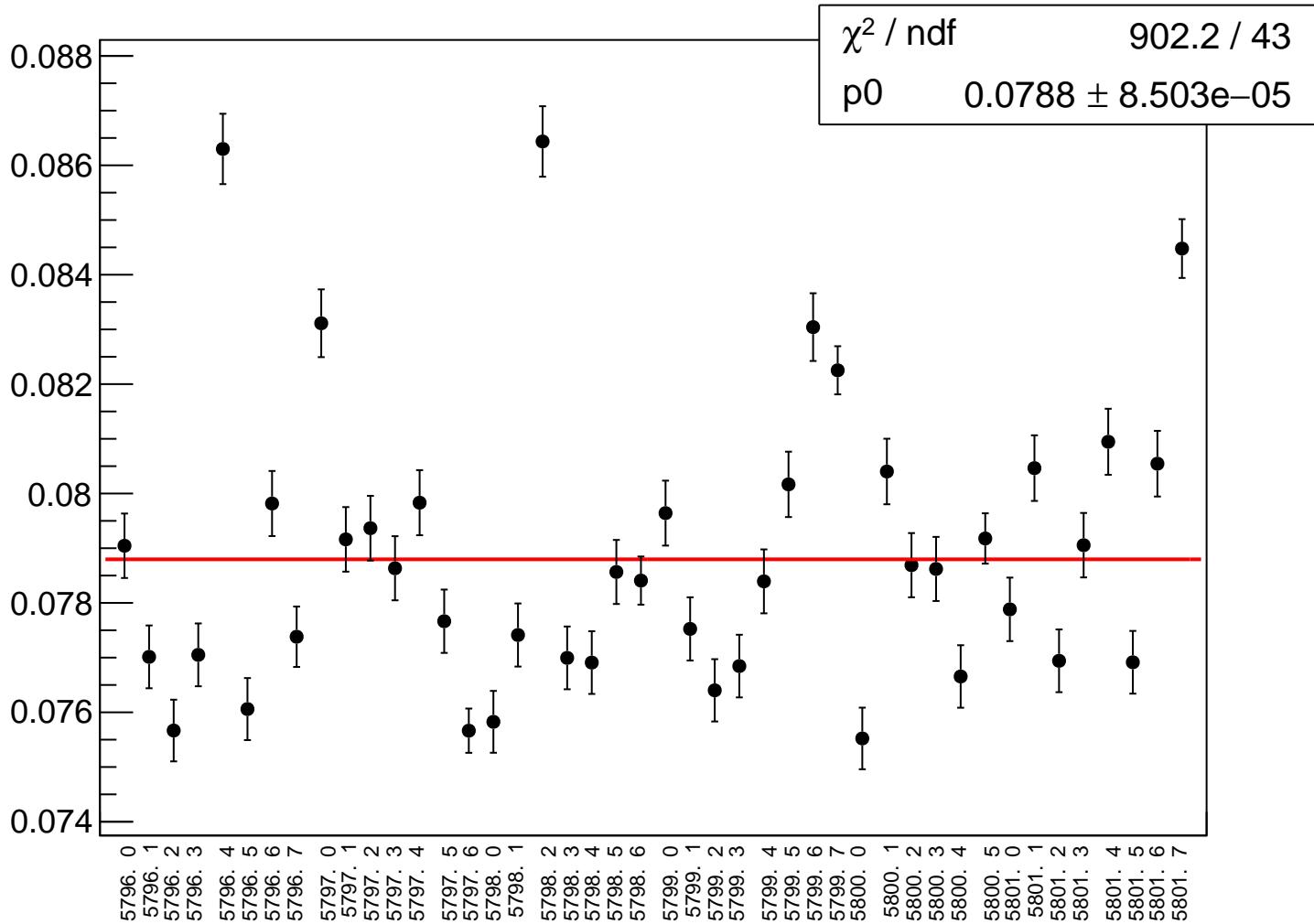
# yield\_bpm0r03Y\_rms vs run



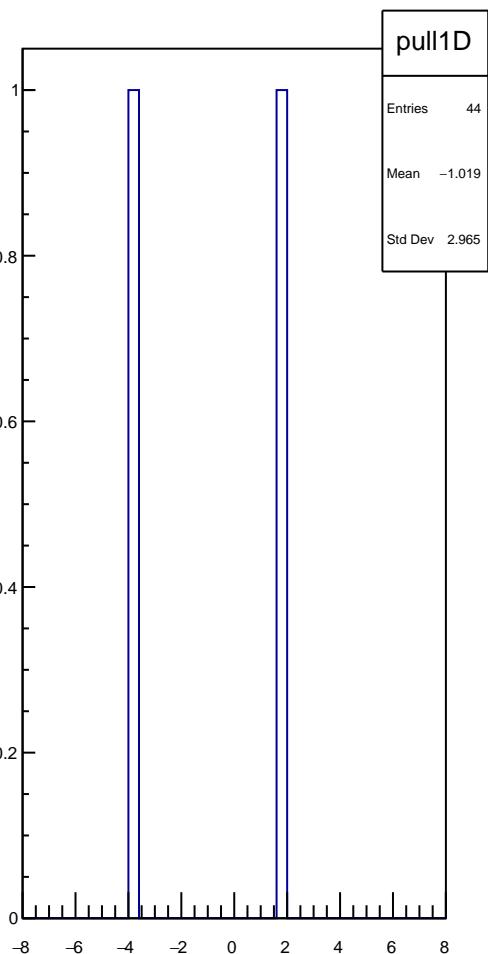
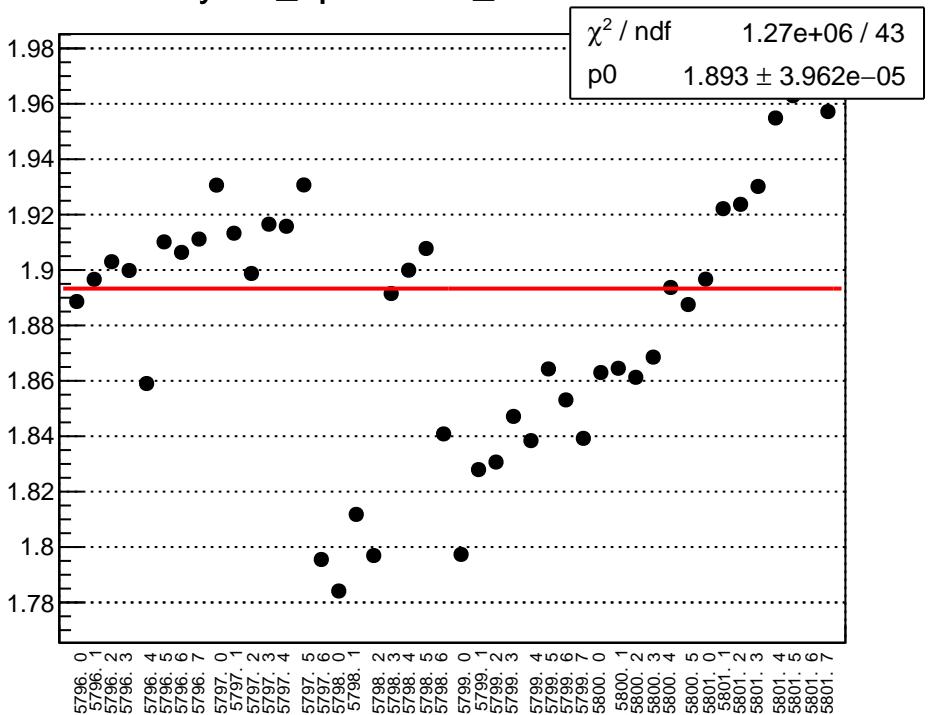
# yield\_bpm0r05X\_mean vs run



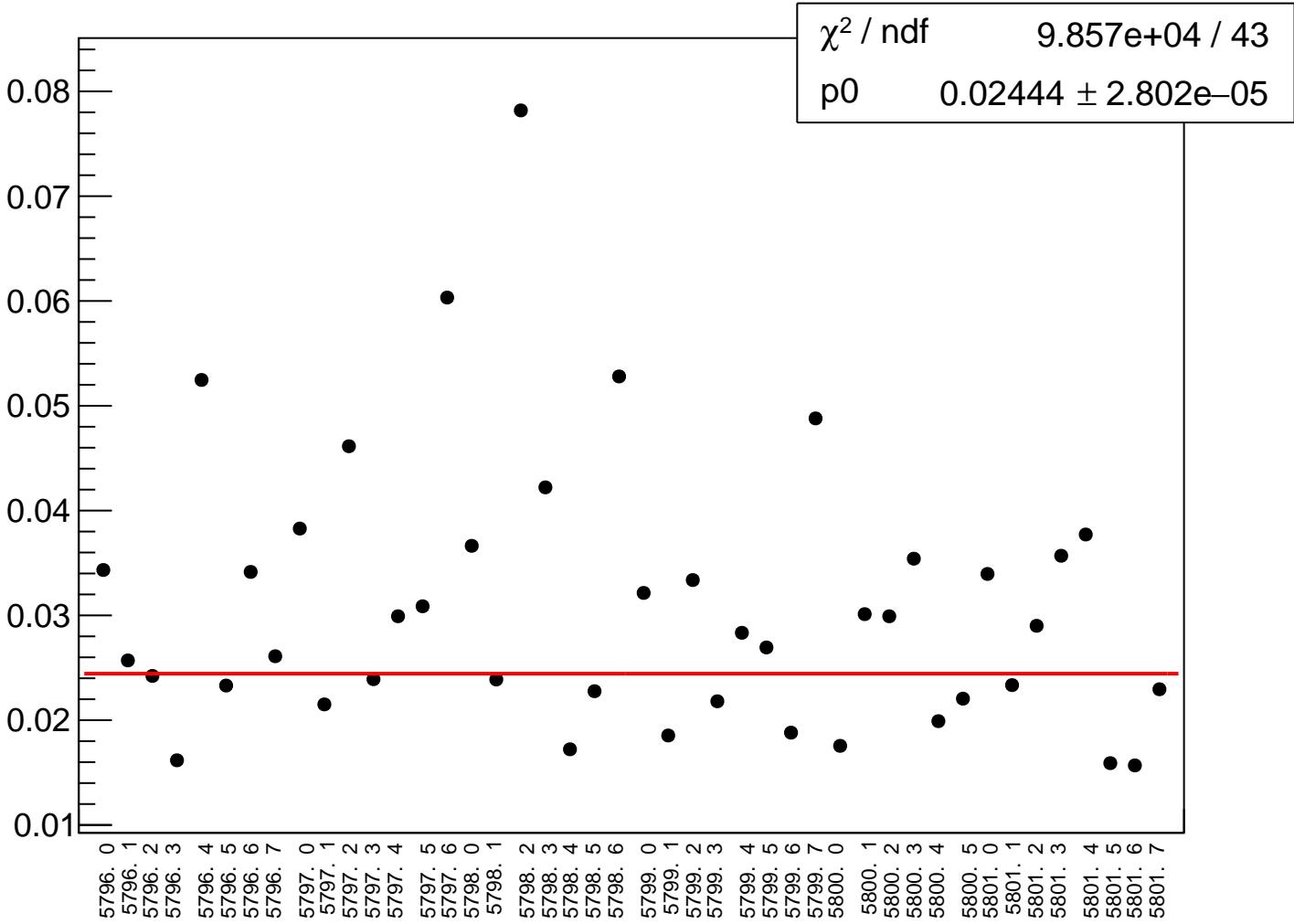
# yield\_bpm0r05X\_rms vs run

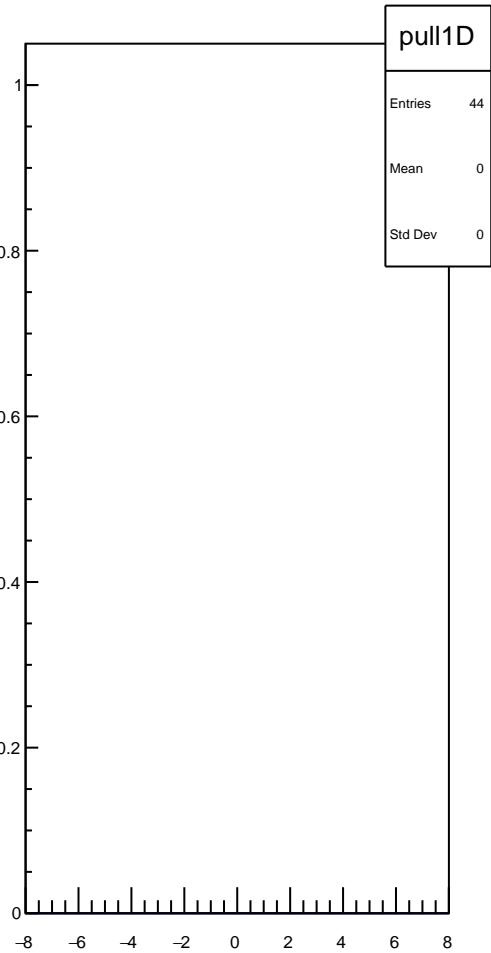
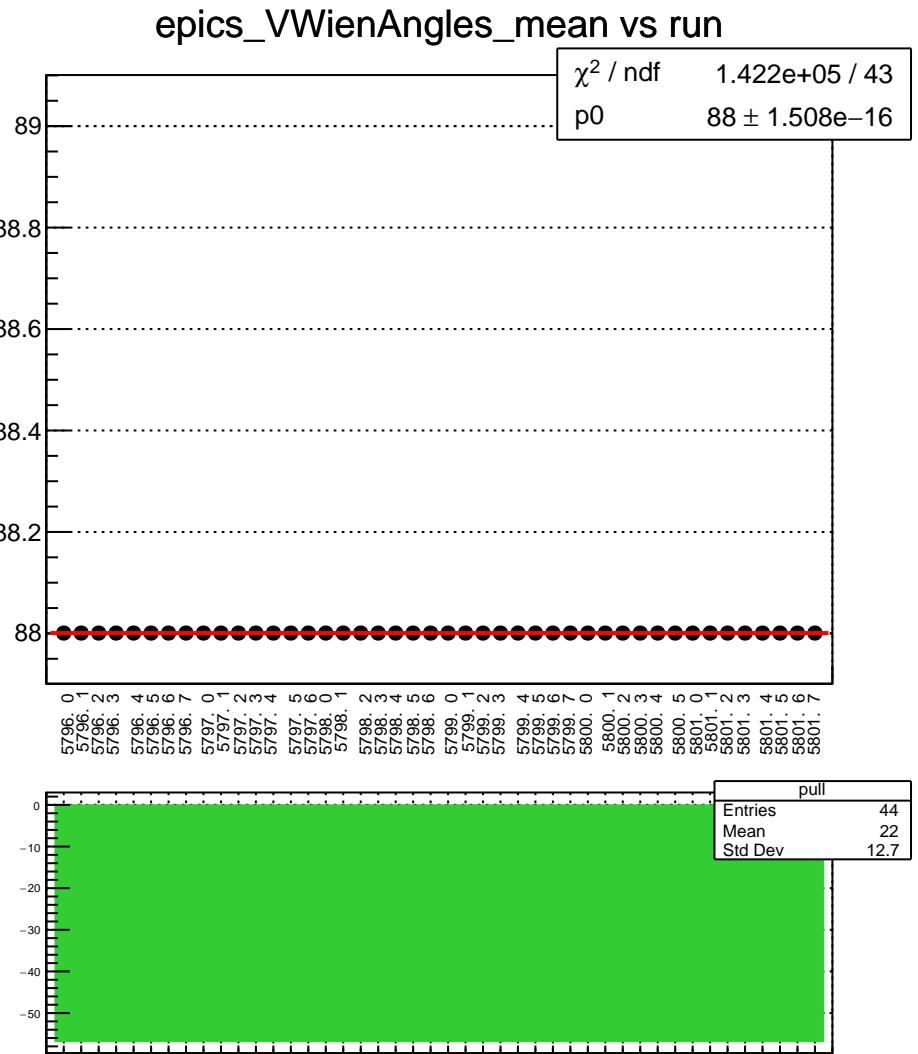


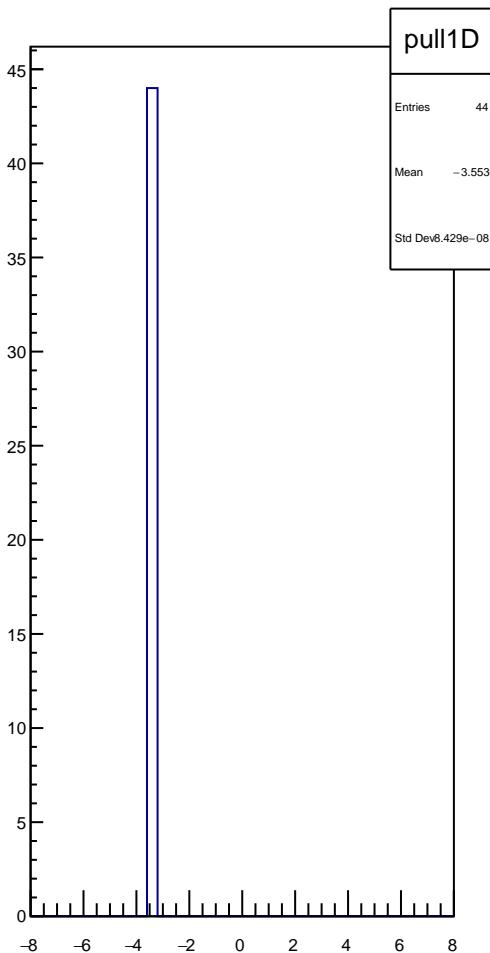
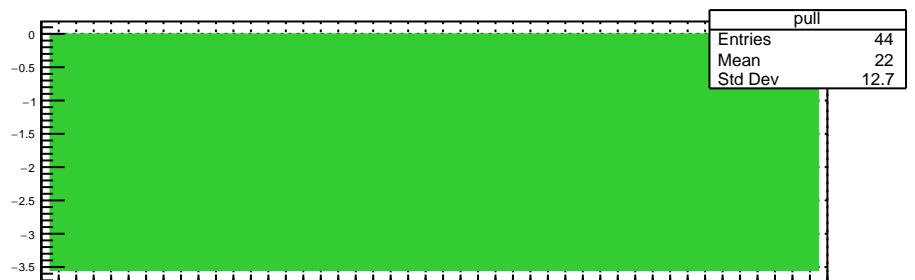
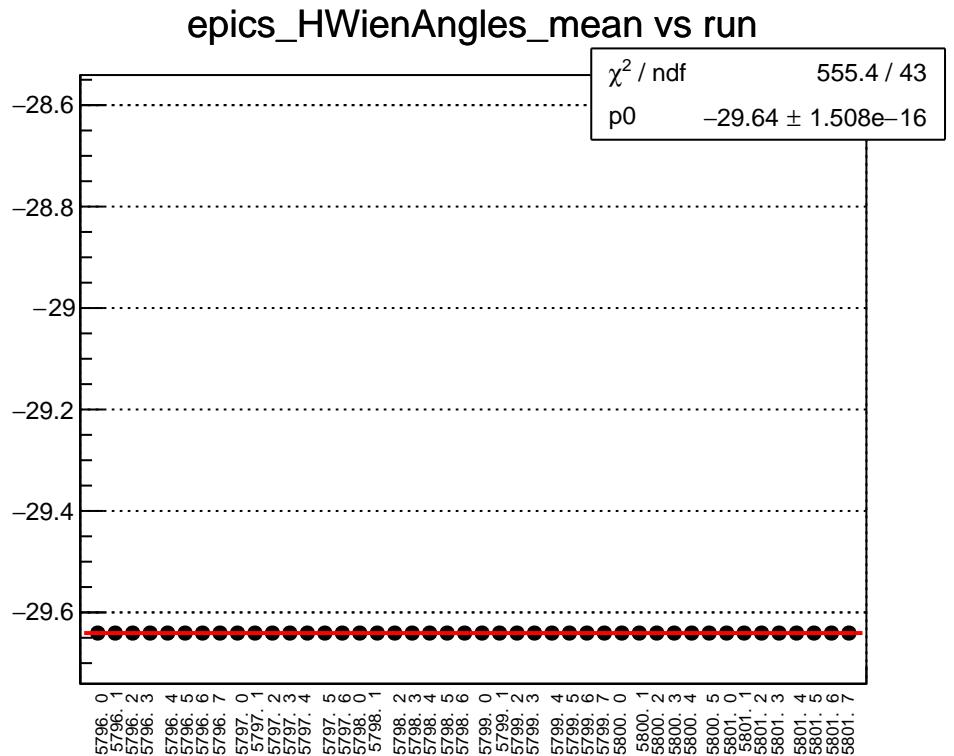
# yield\_bpm0r05Y\_mean vs run



# yield\_bpm0r05Y\_rms vs run

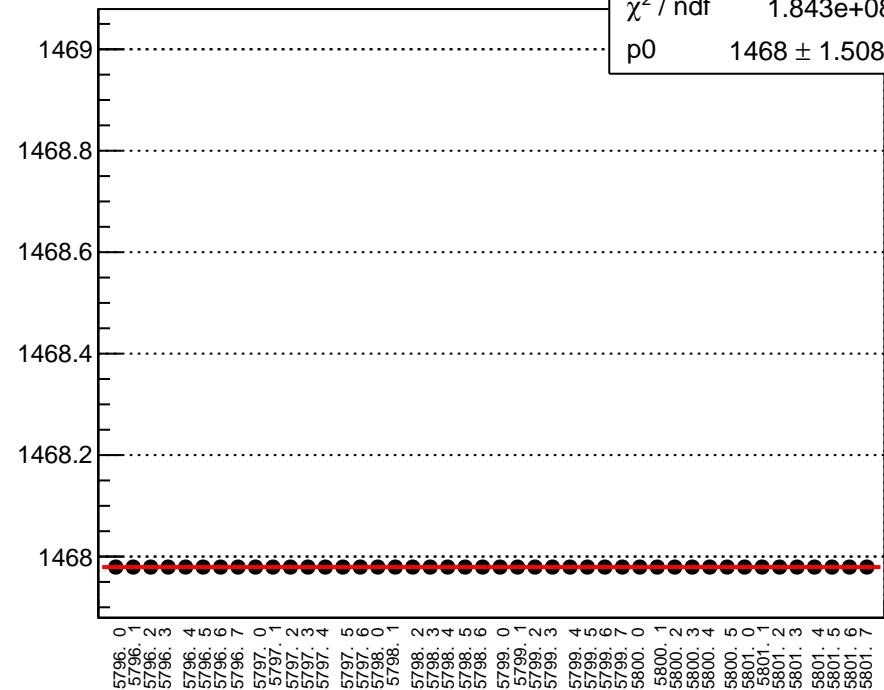




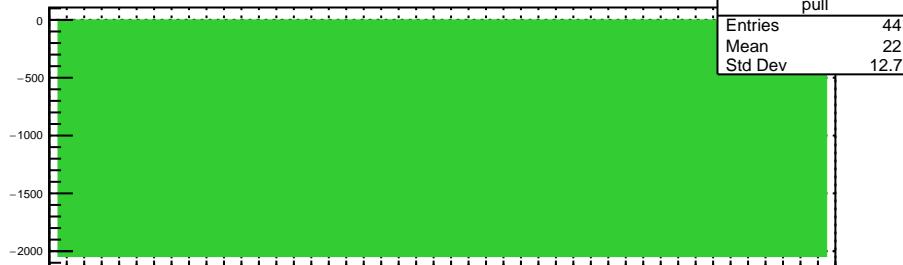




$\chi^2 / \text{ndf}$     1.843e+08 / 43  
 p0         $1468 \pm 1.508\text{e-}16$



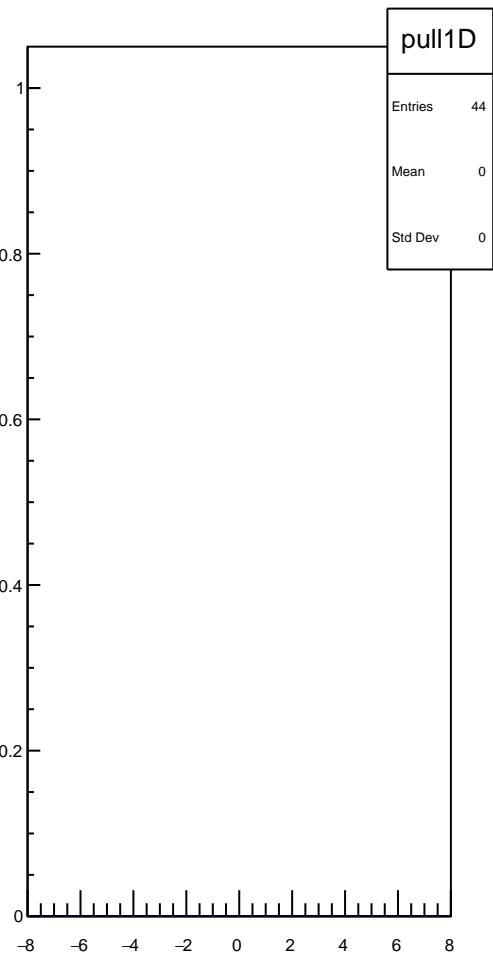
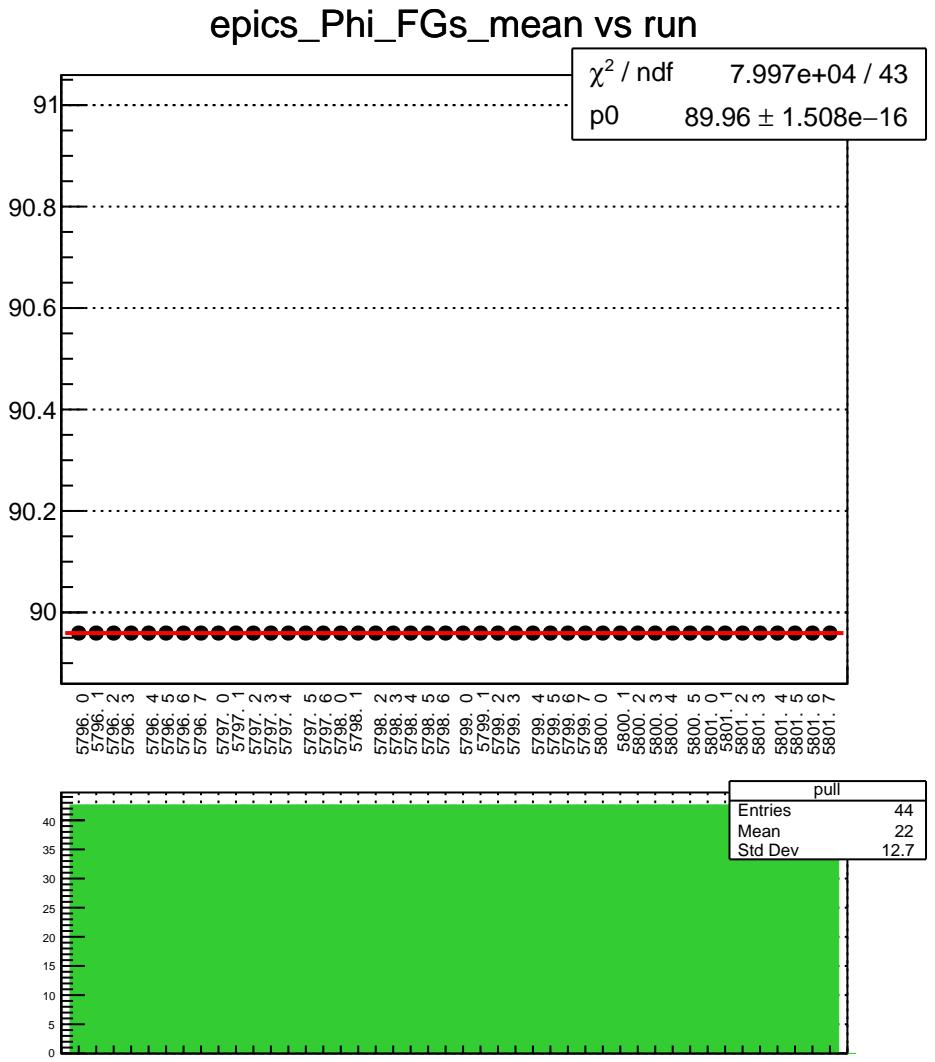
pull	
Entries	44
Mean	22
Std Dev	12.7



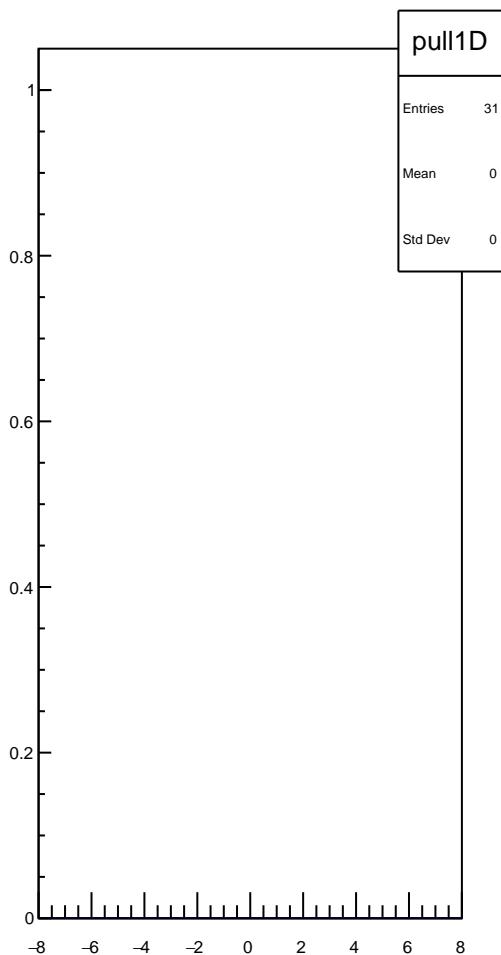
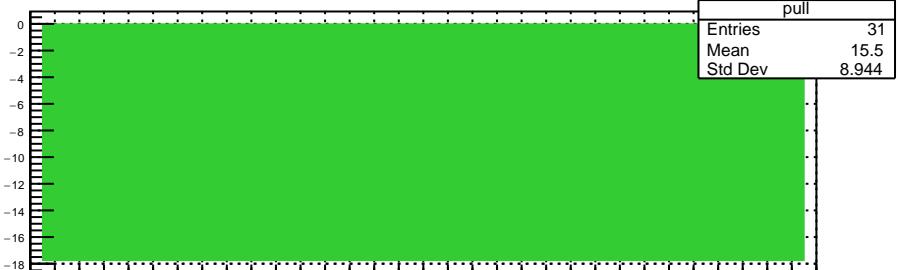
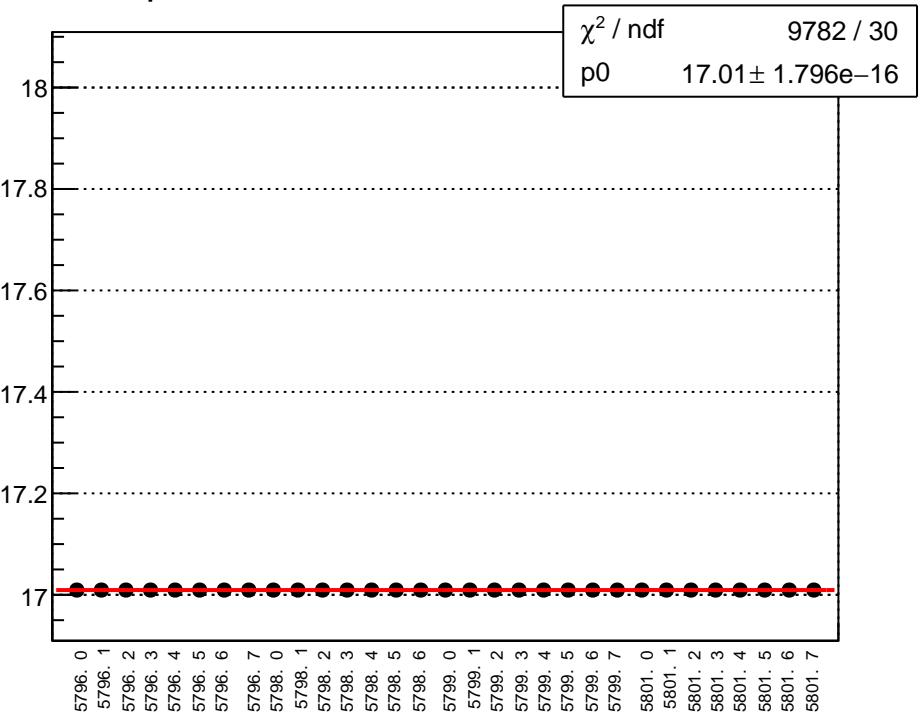
pull1D

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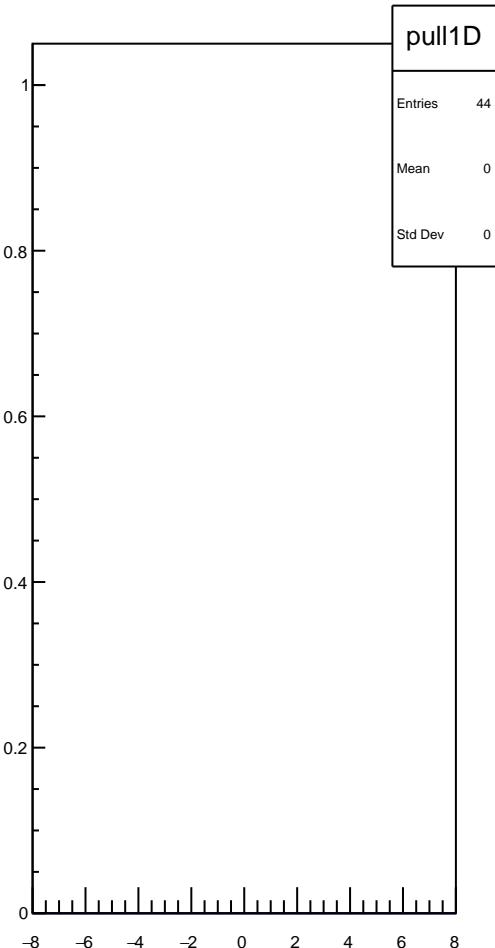
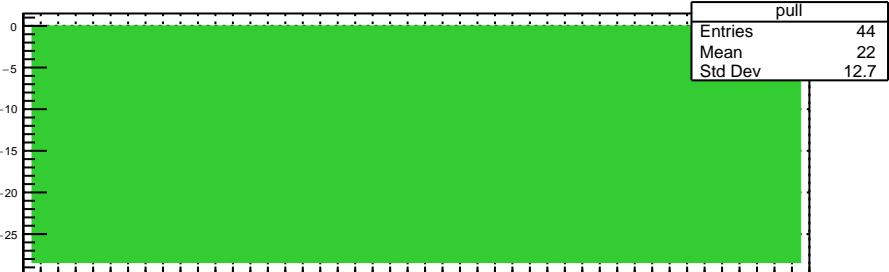
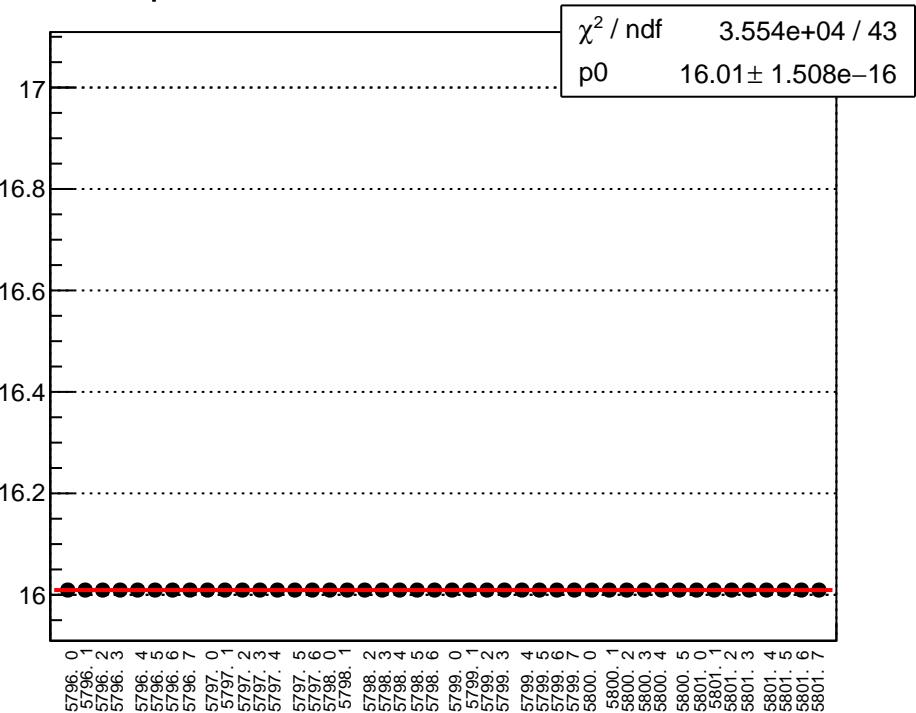
Entries	44
Mean	0
Std Dev	0

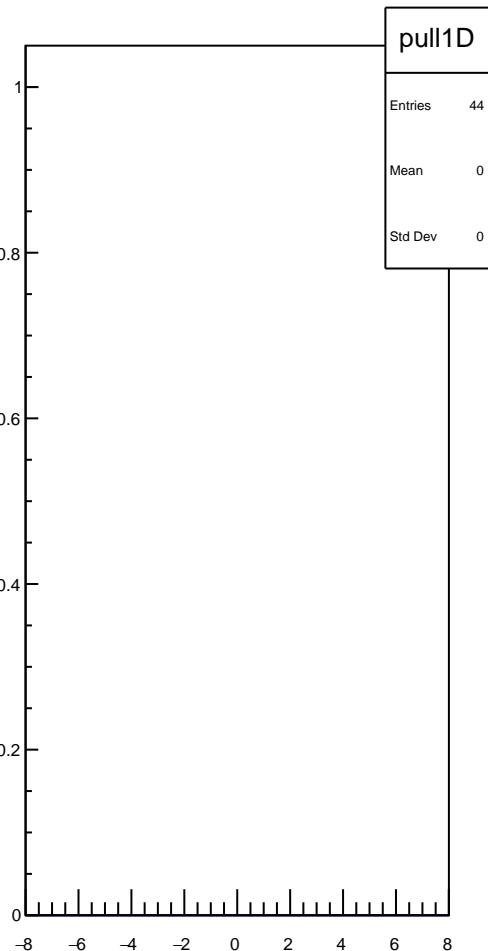
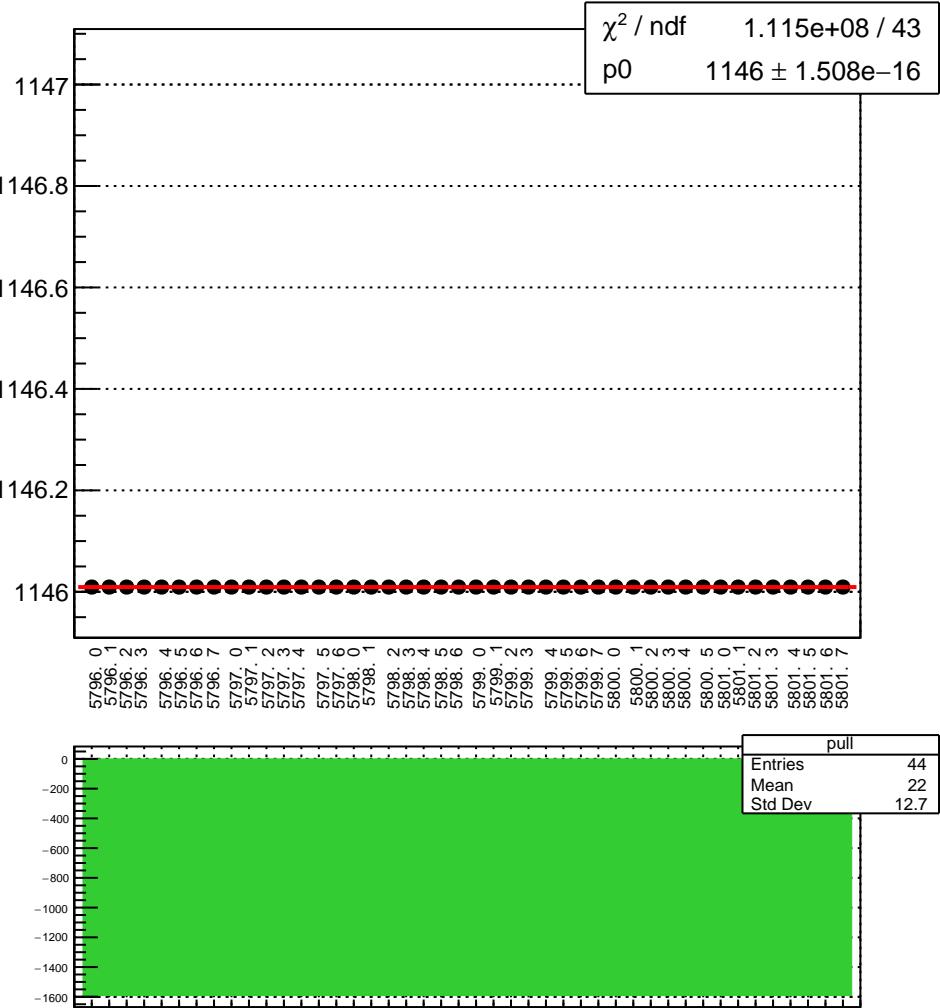


# epics\_IGL1I00DI24\_24Ms\_mean vs run



# epics\_IGL1I00OD16\_16s\_mean vs run





# epics\_RTPAPOSVCNTs\_mean vs run

