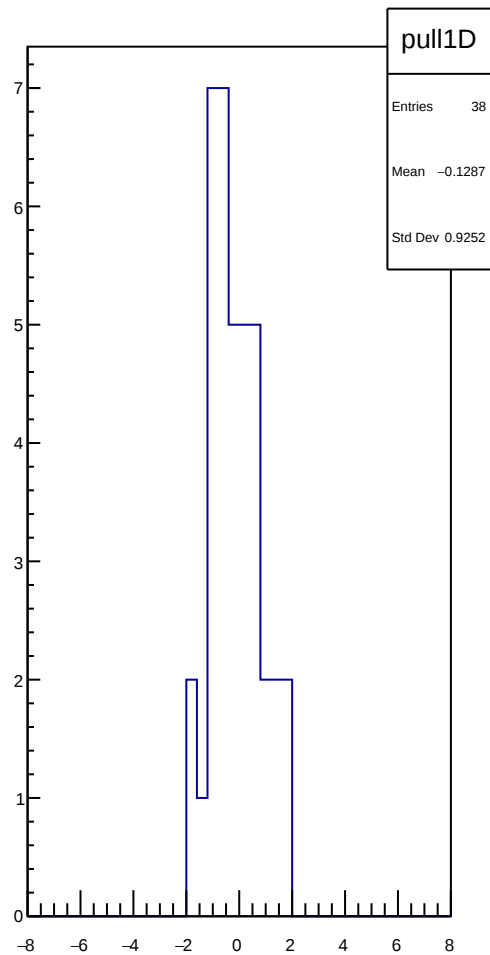
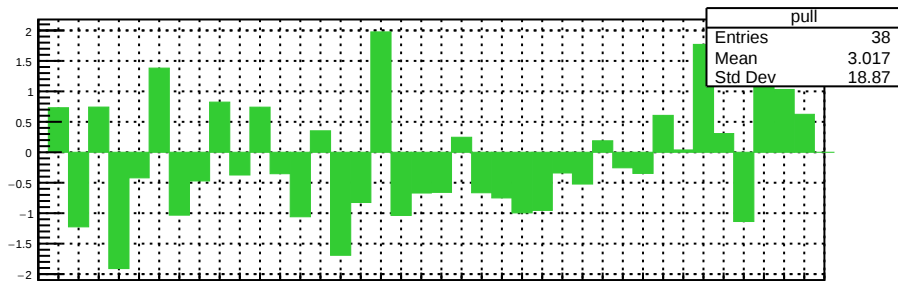
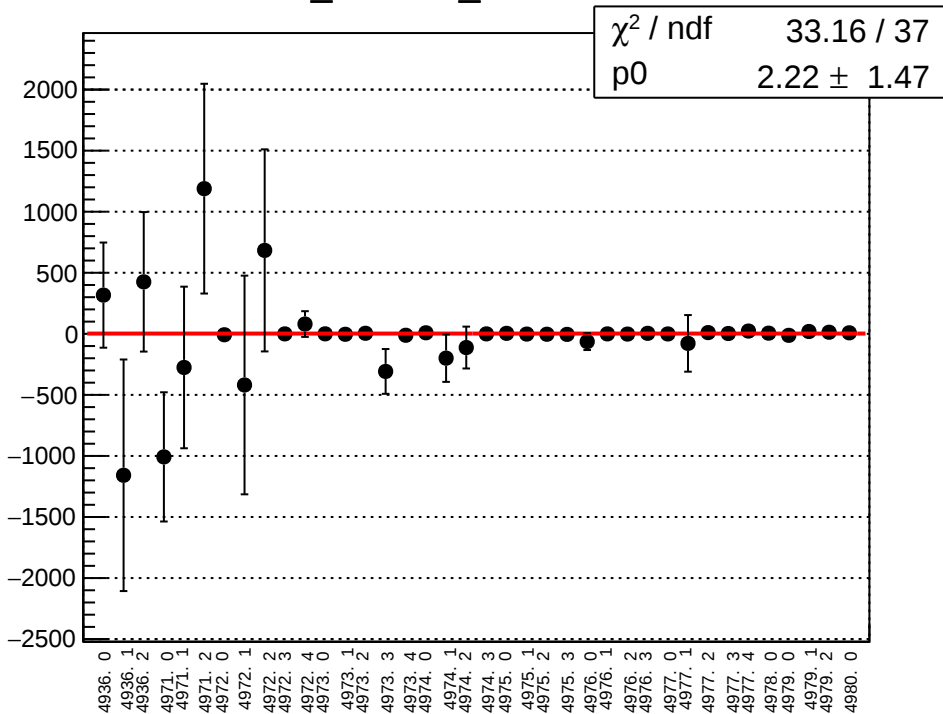
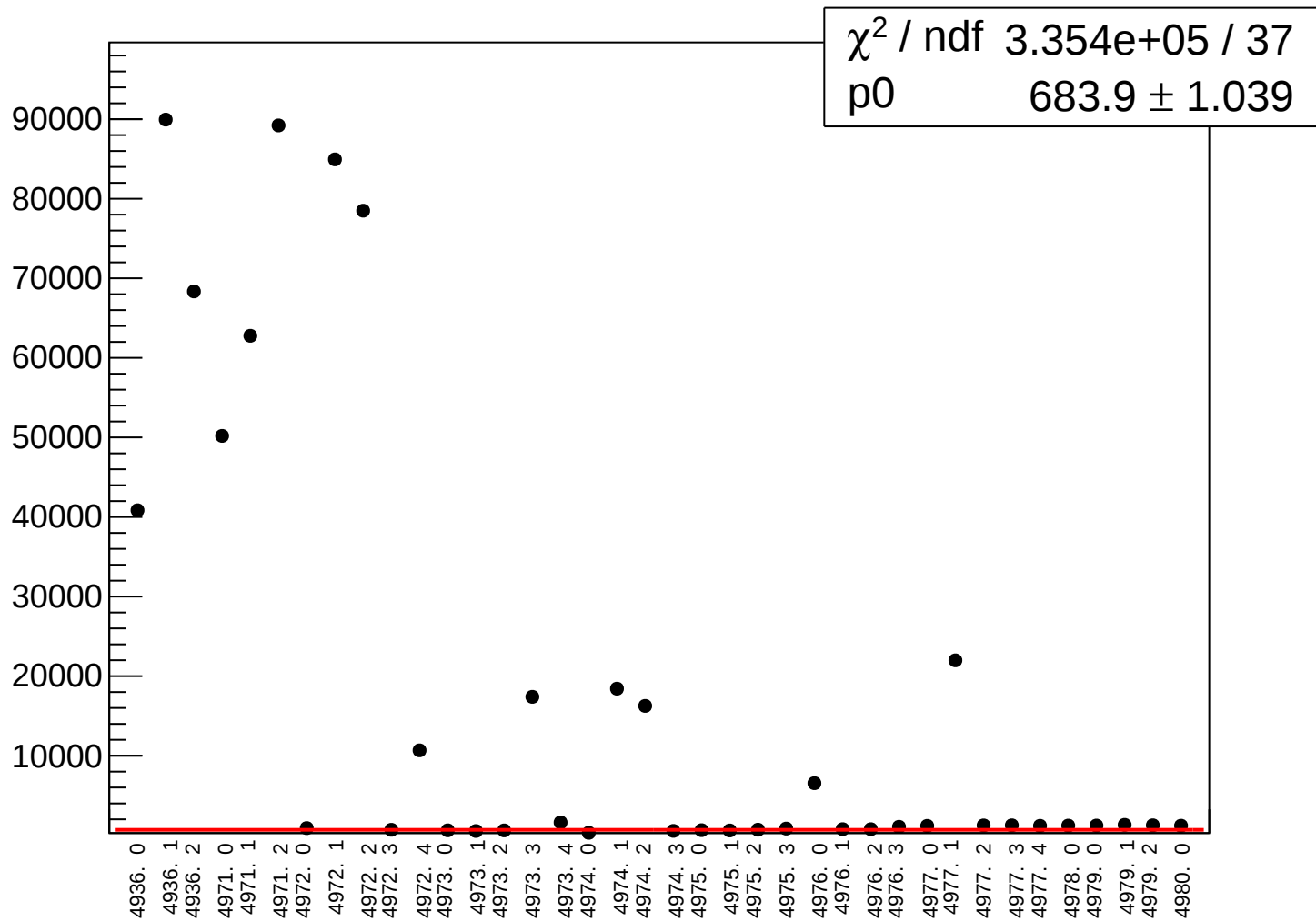


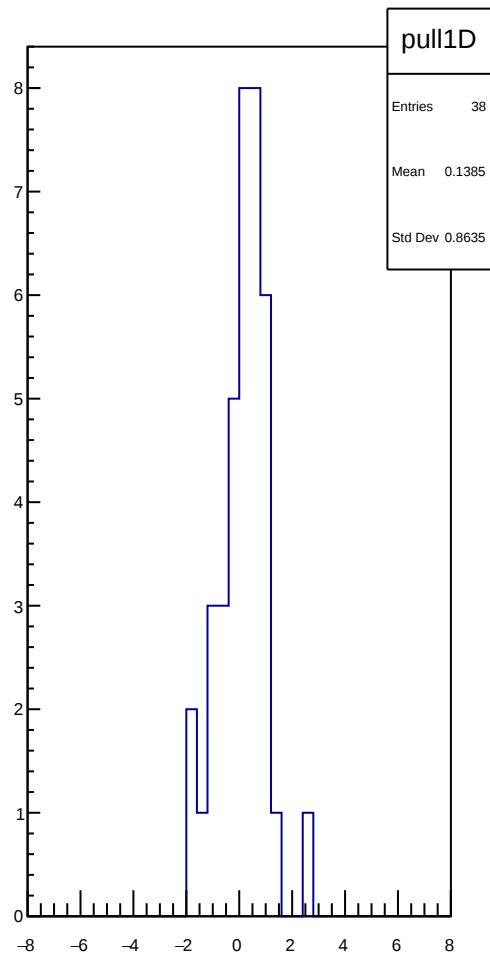
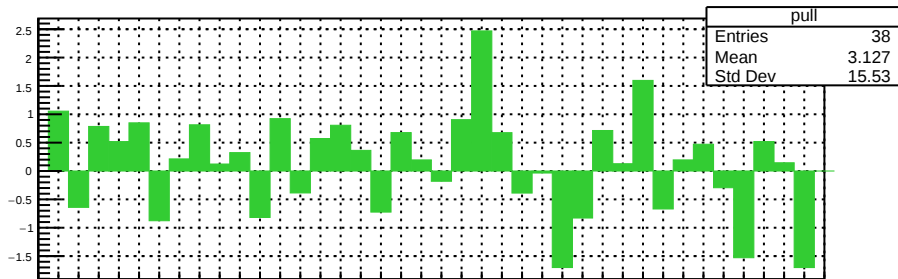
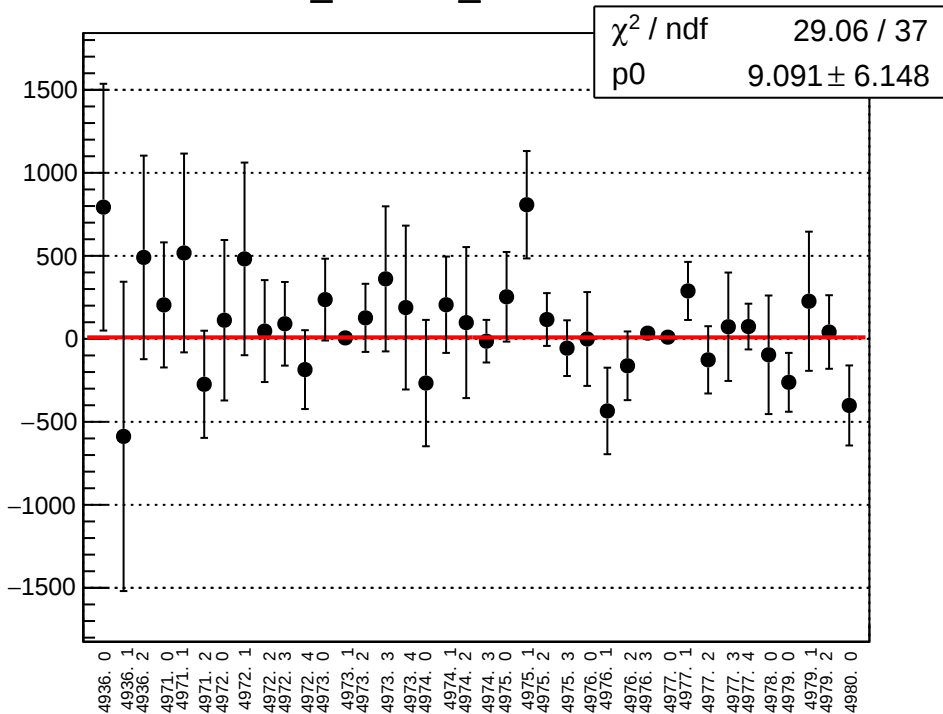
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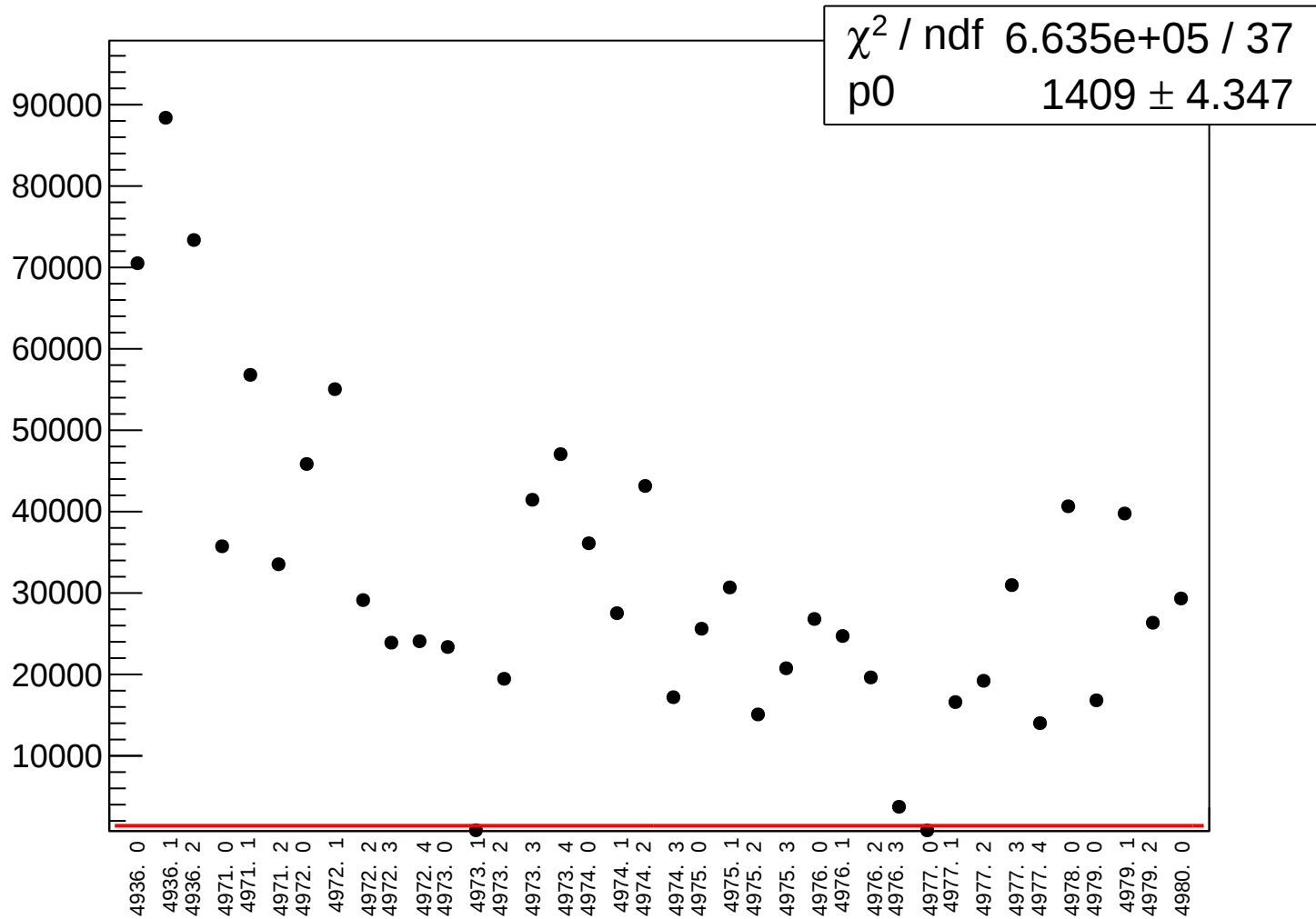
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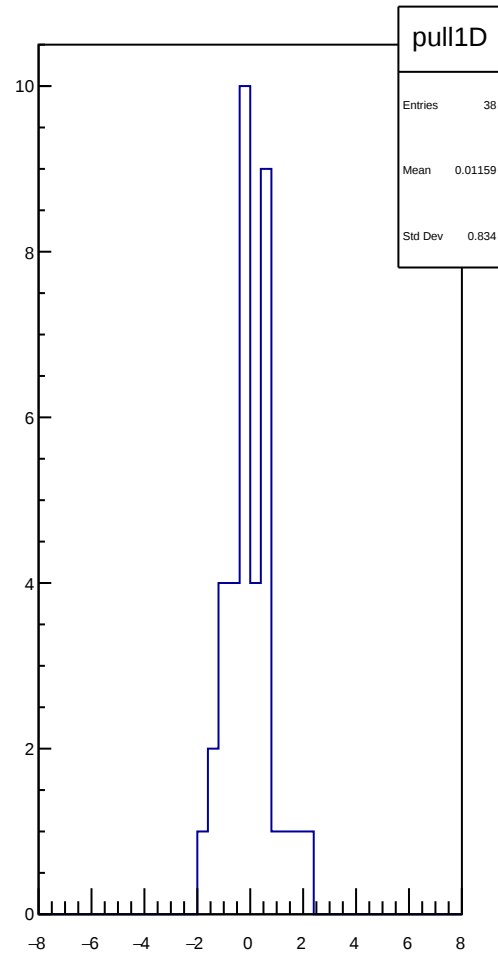
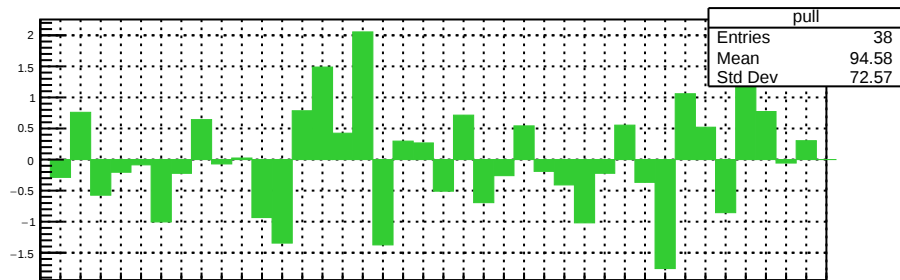
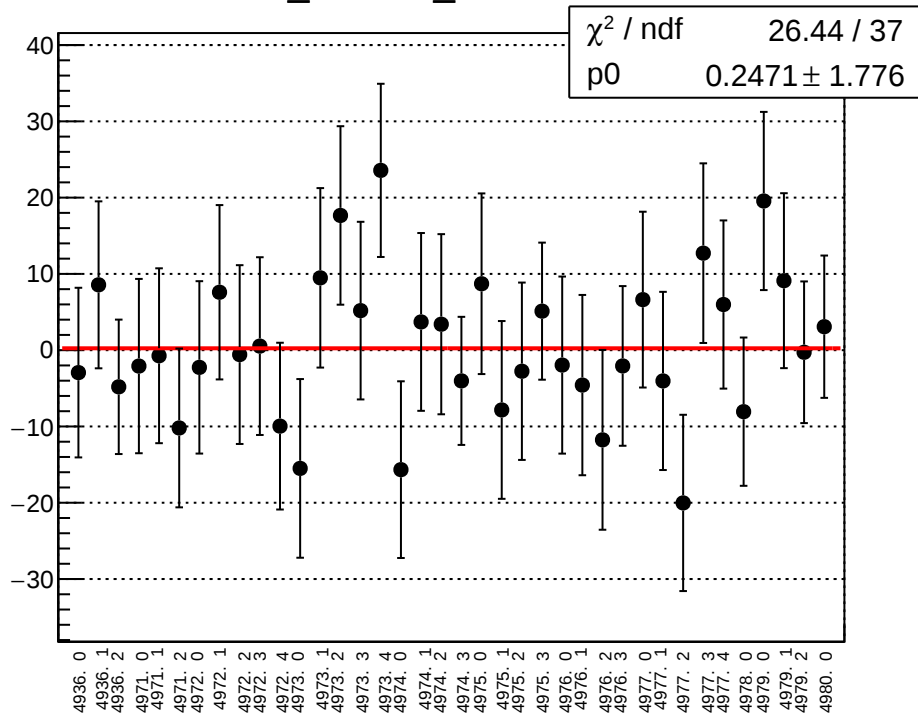
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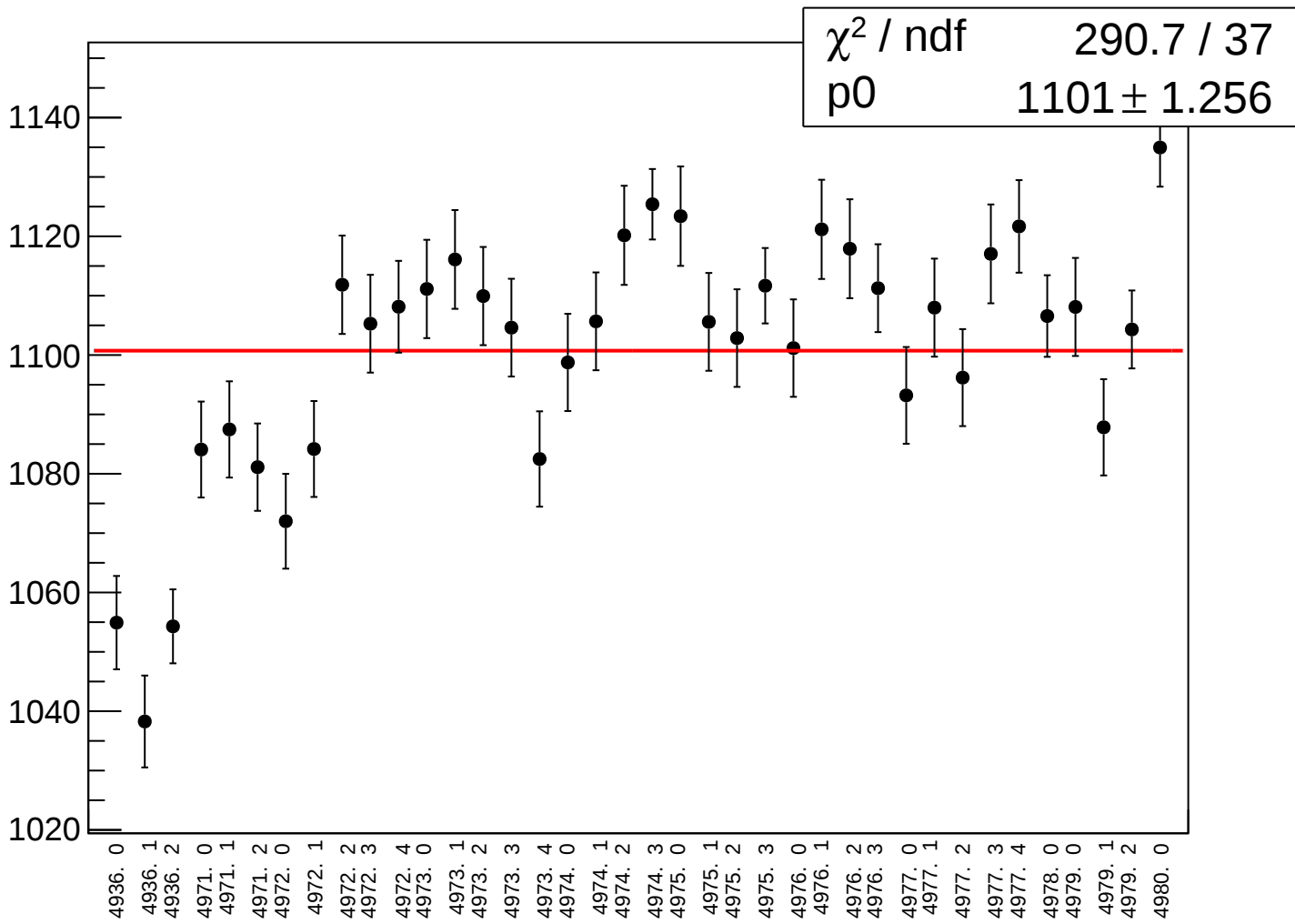
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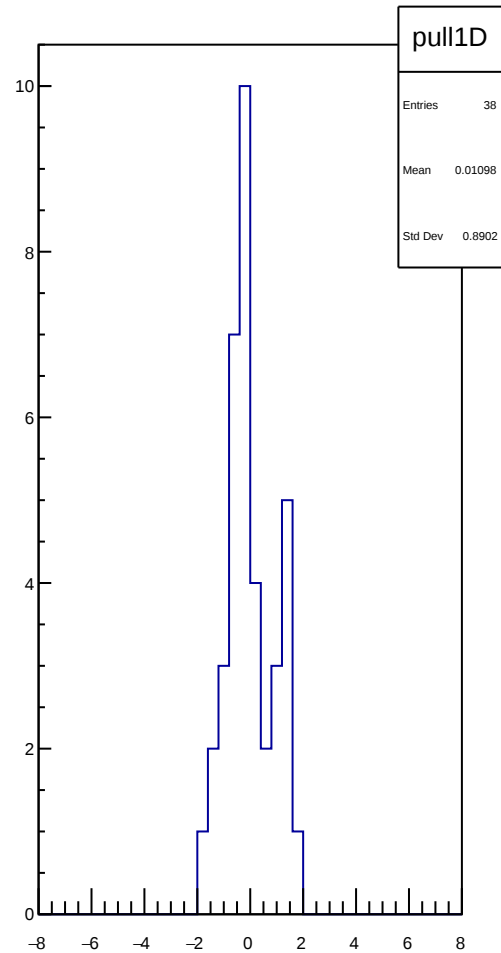
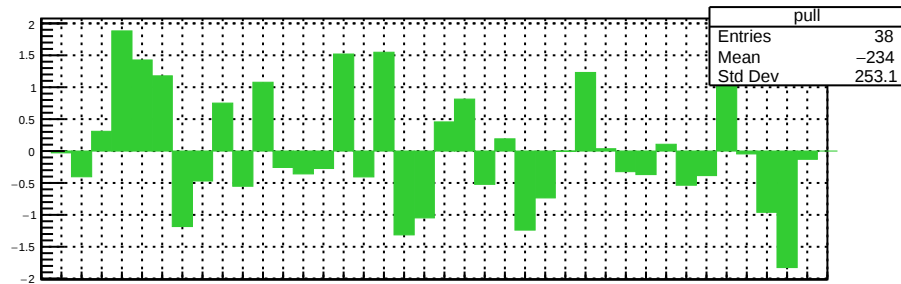
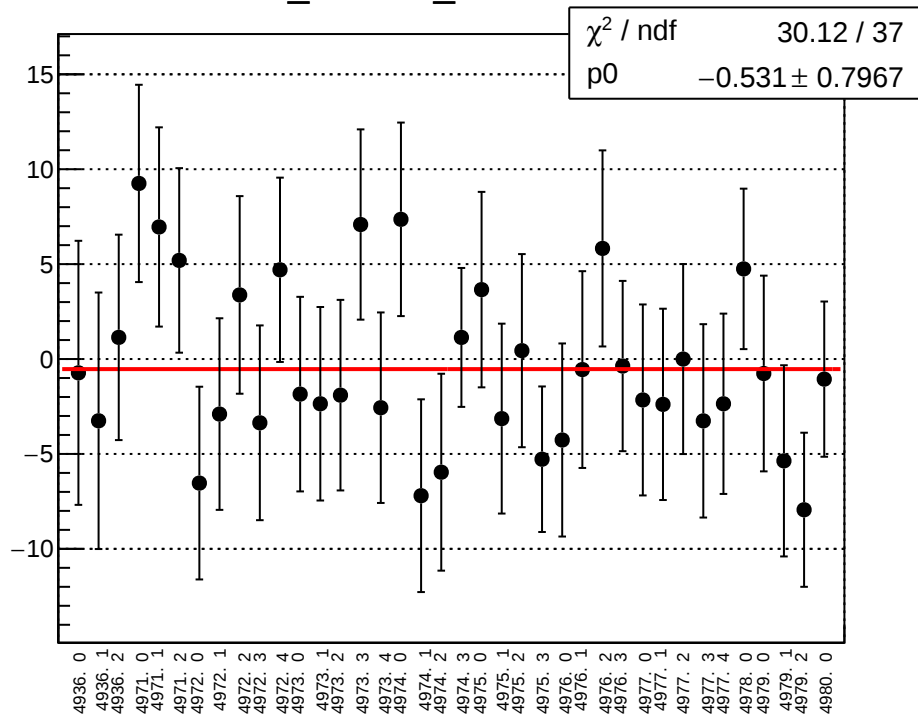
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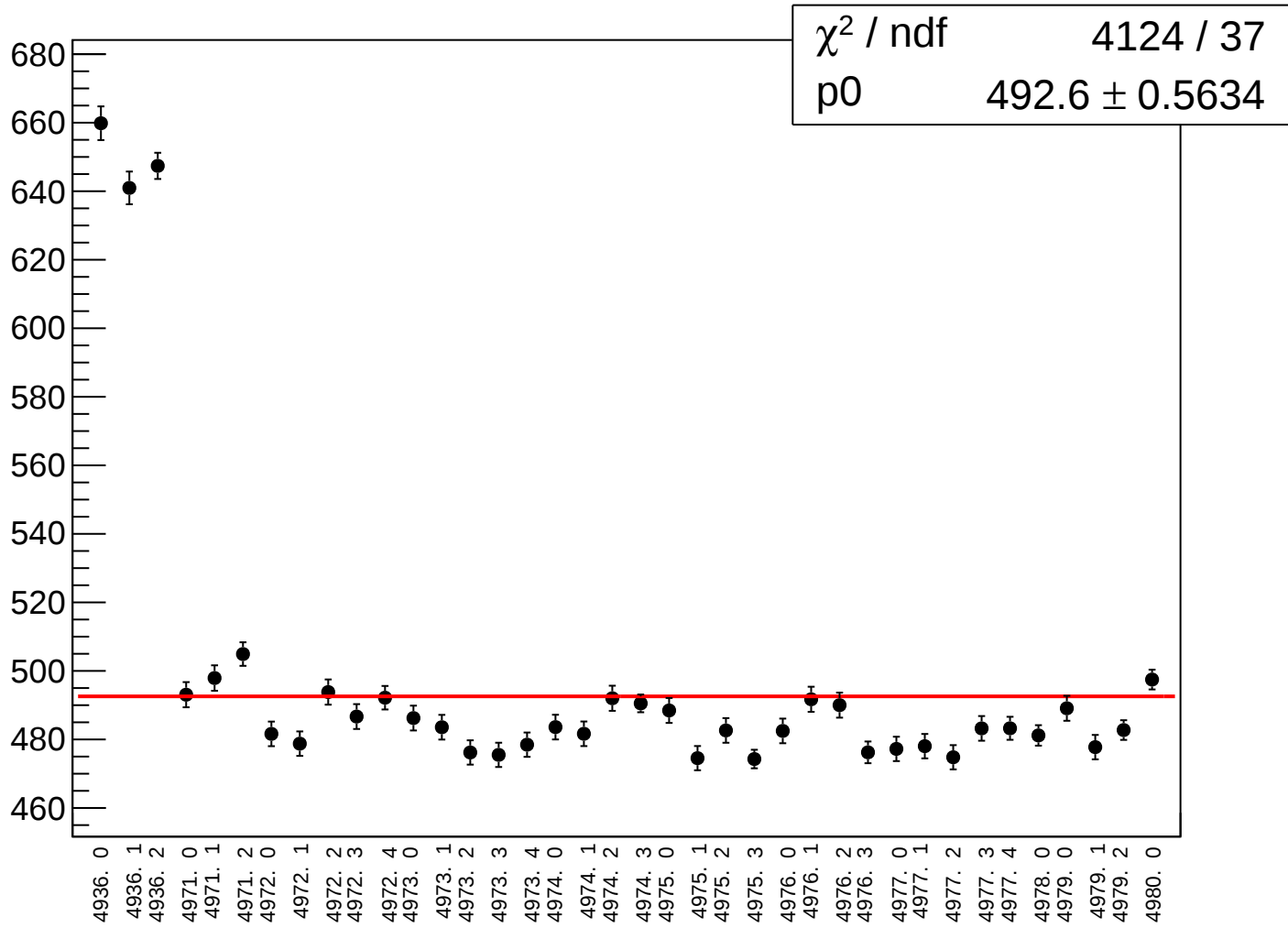
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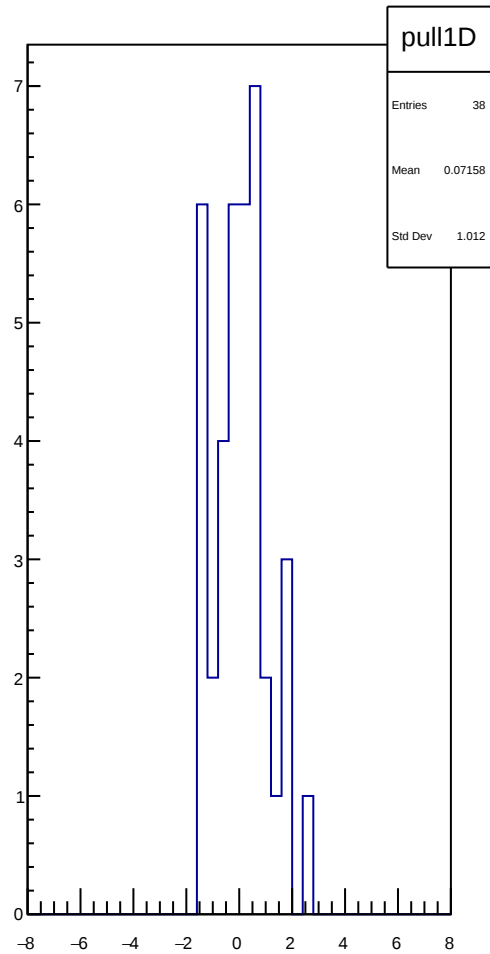
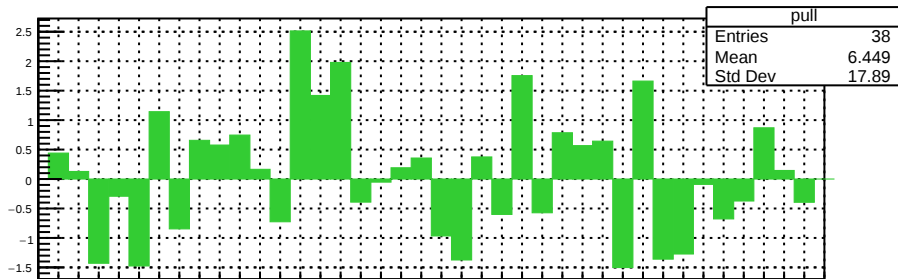
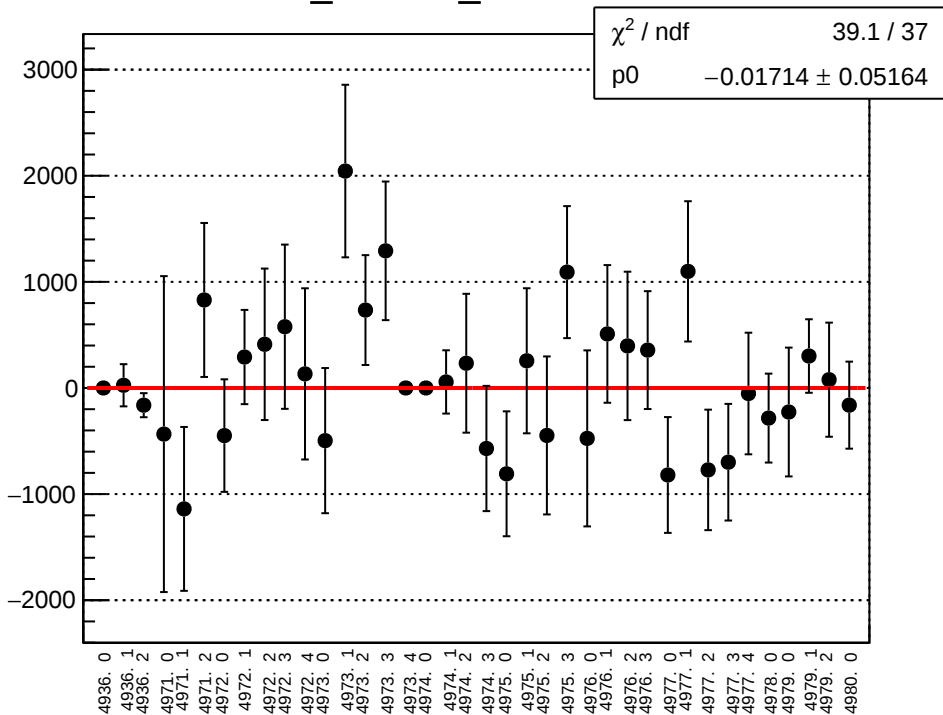
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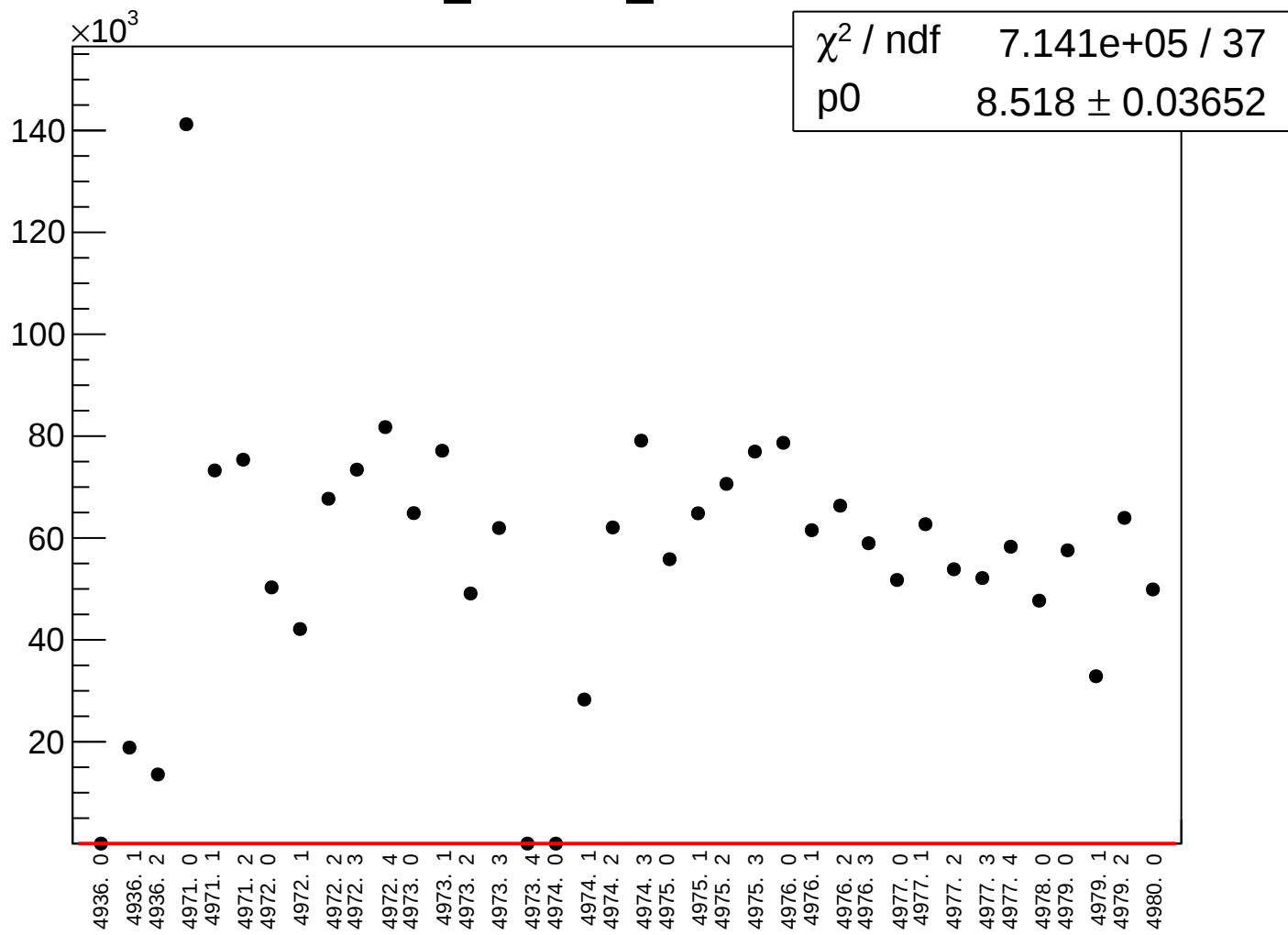
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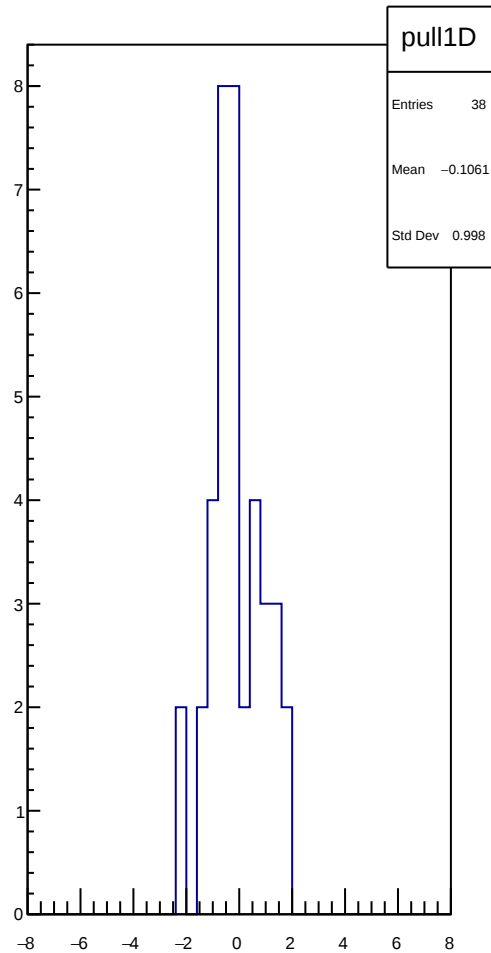
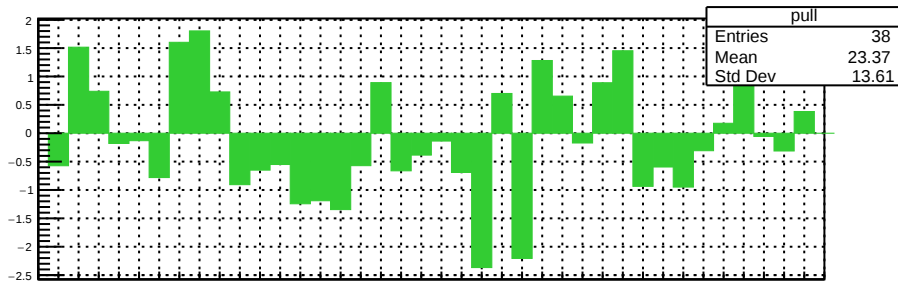
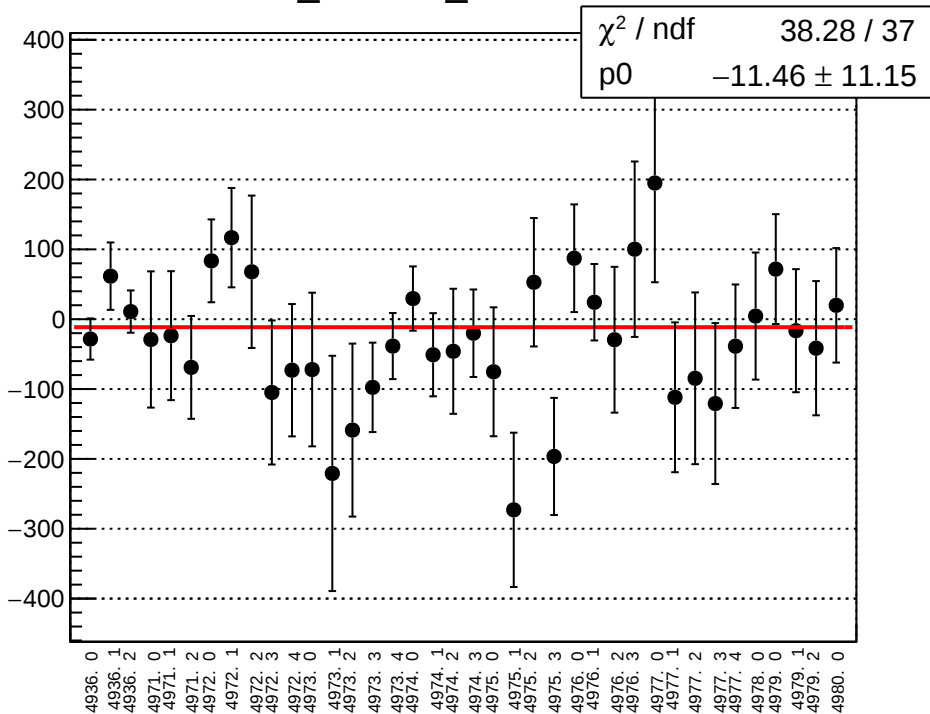
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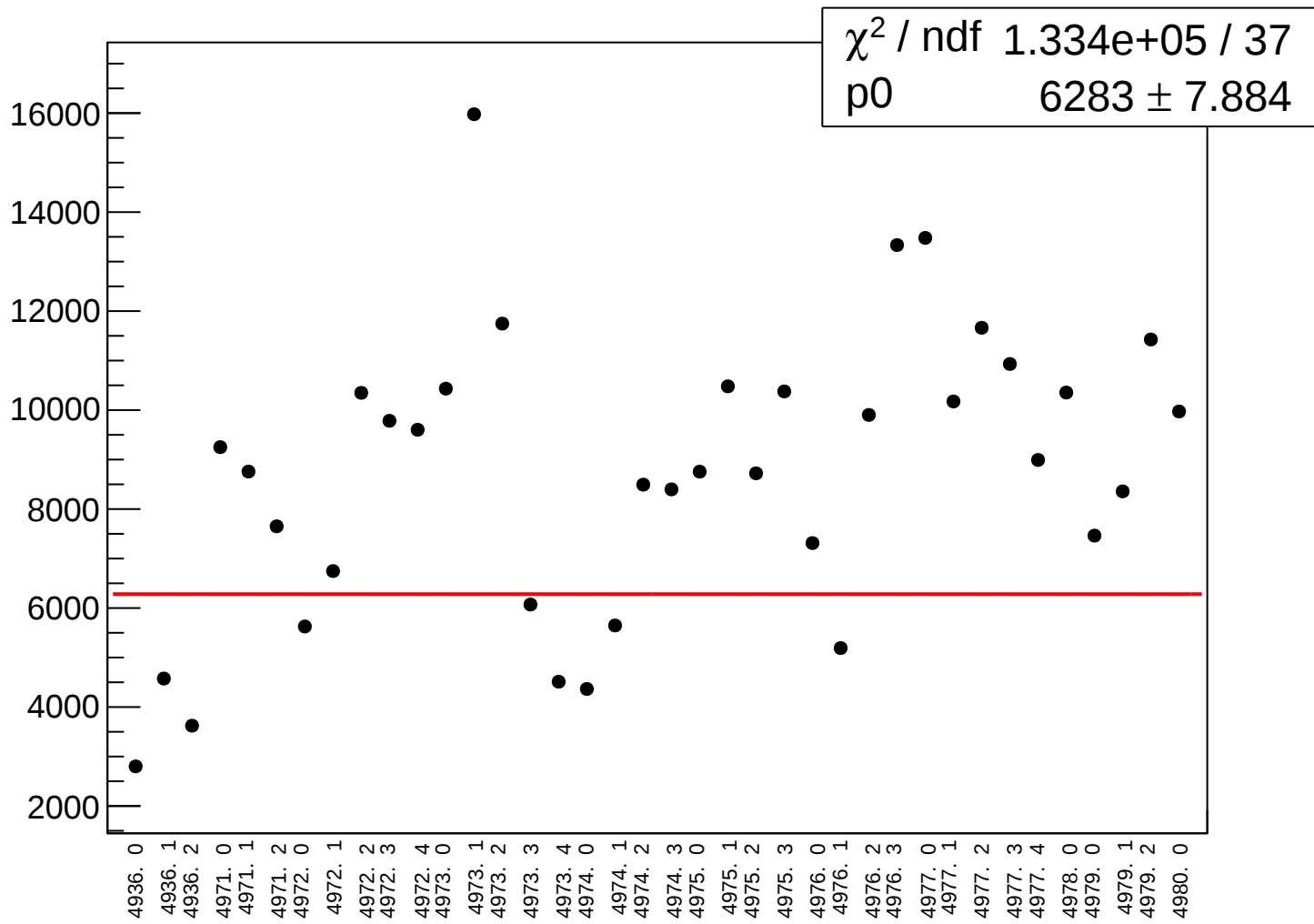
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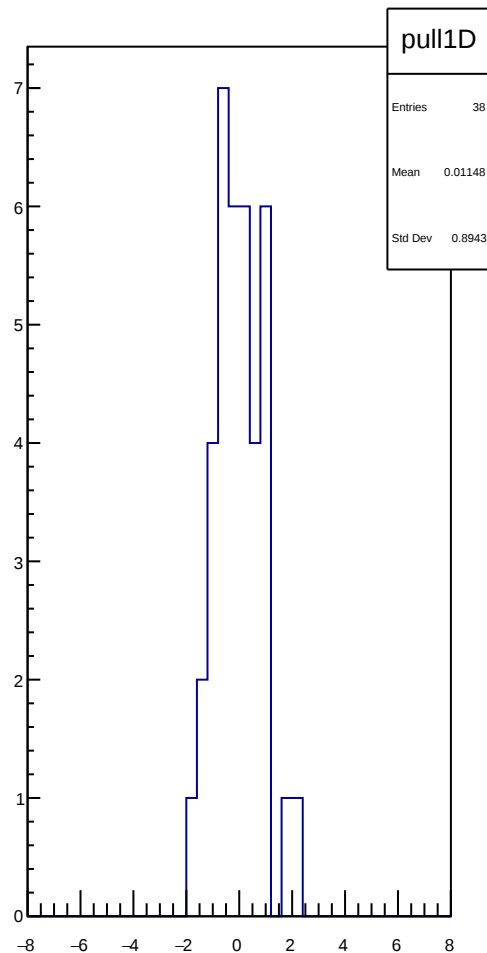
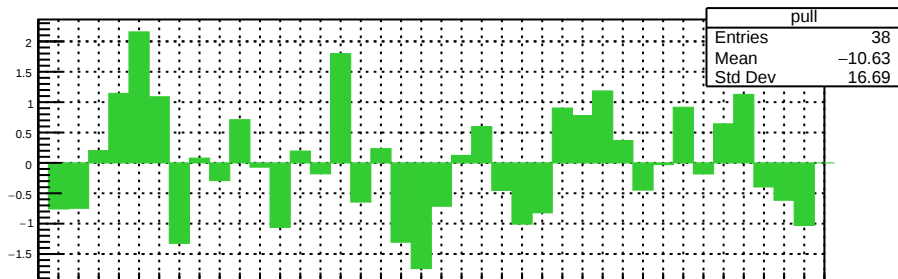
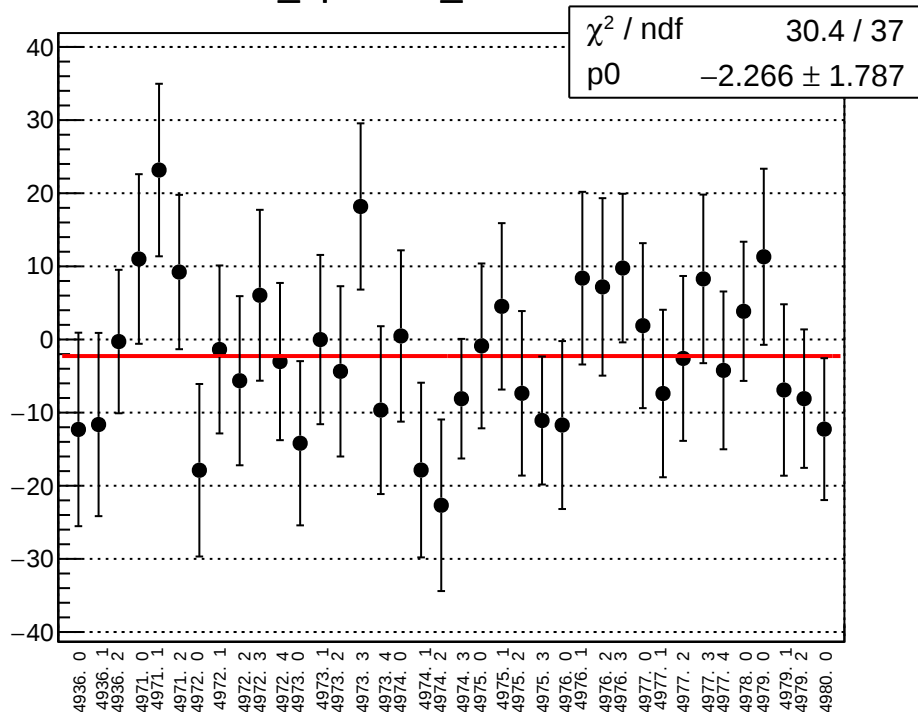
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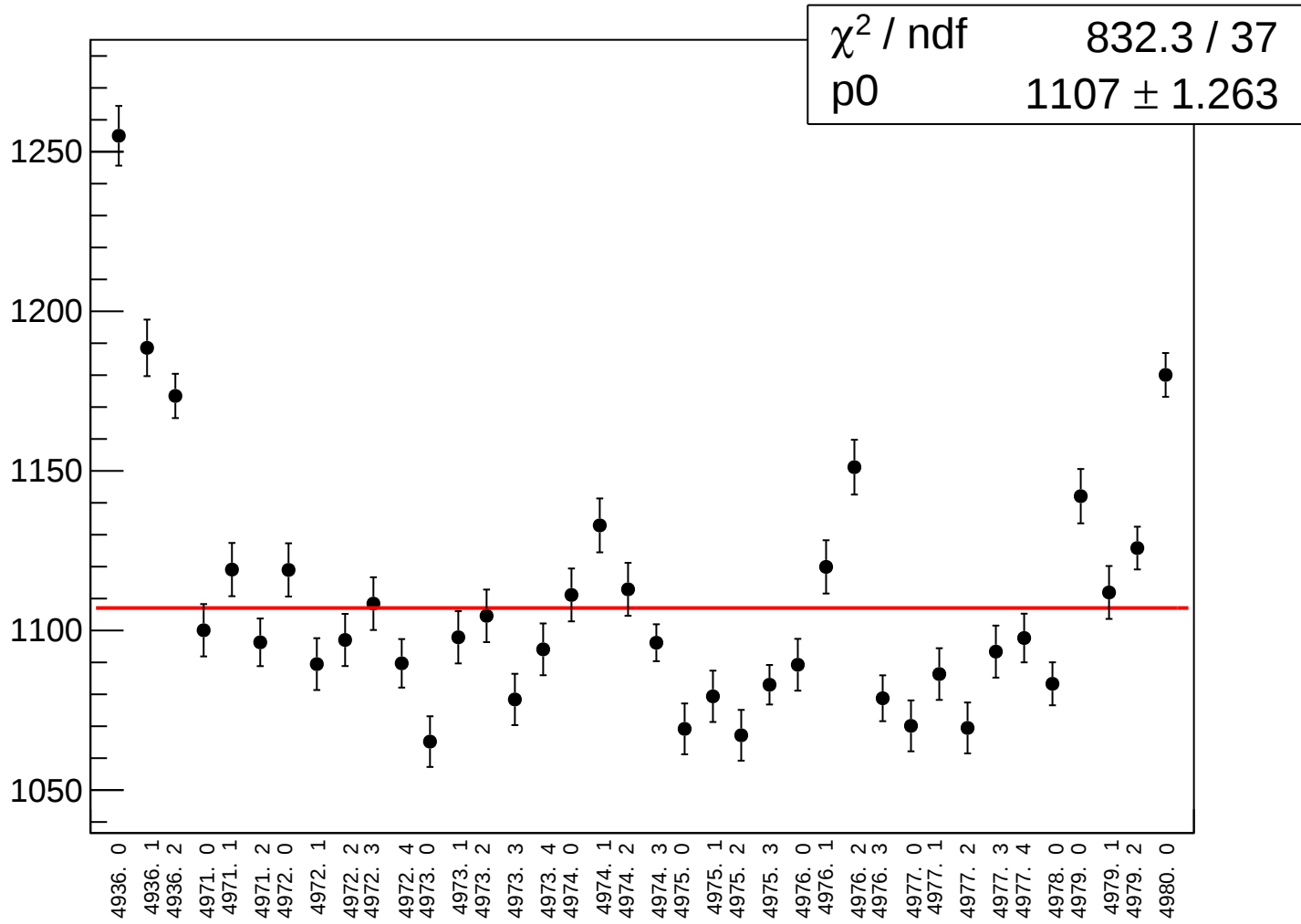
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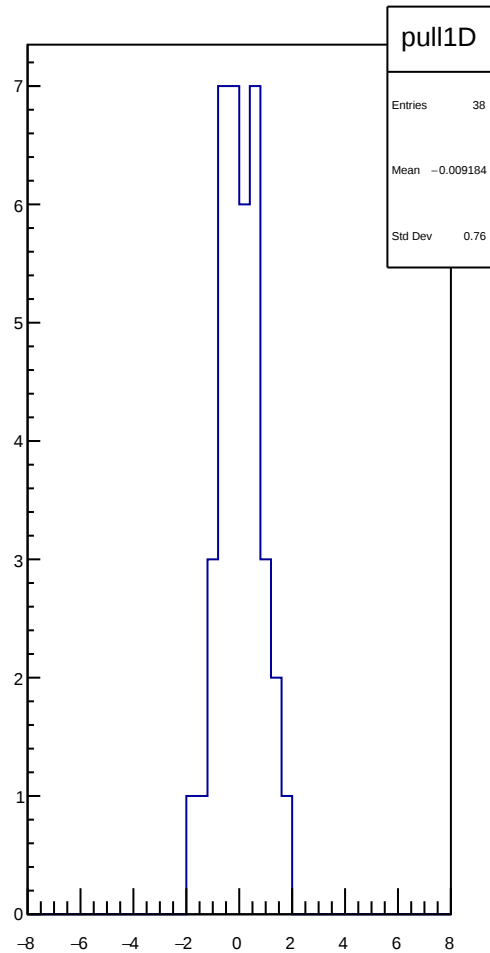
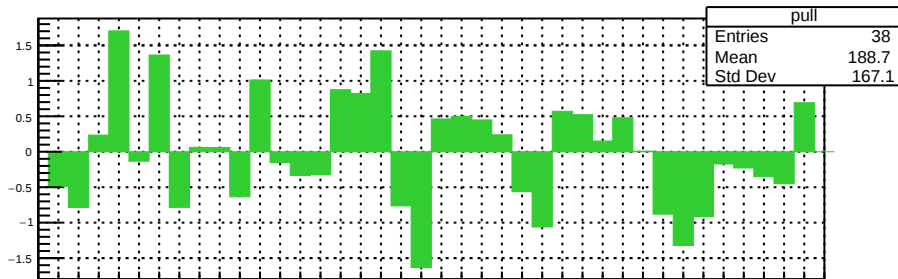
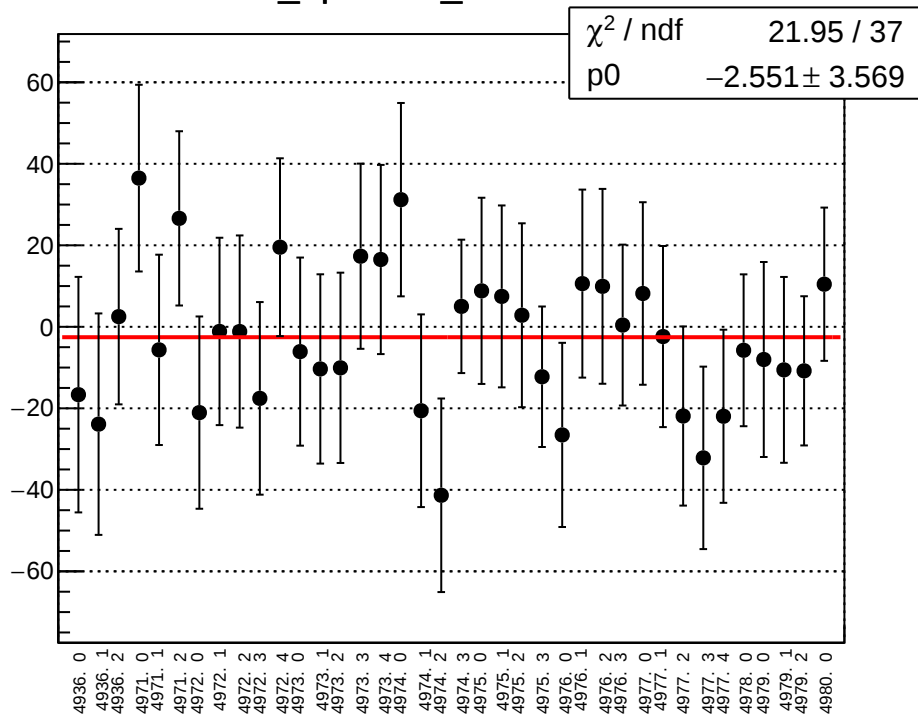
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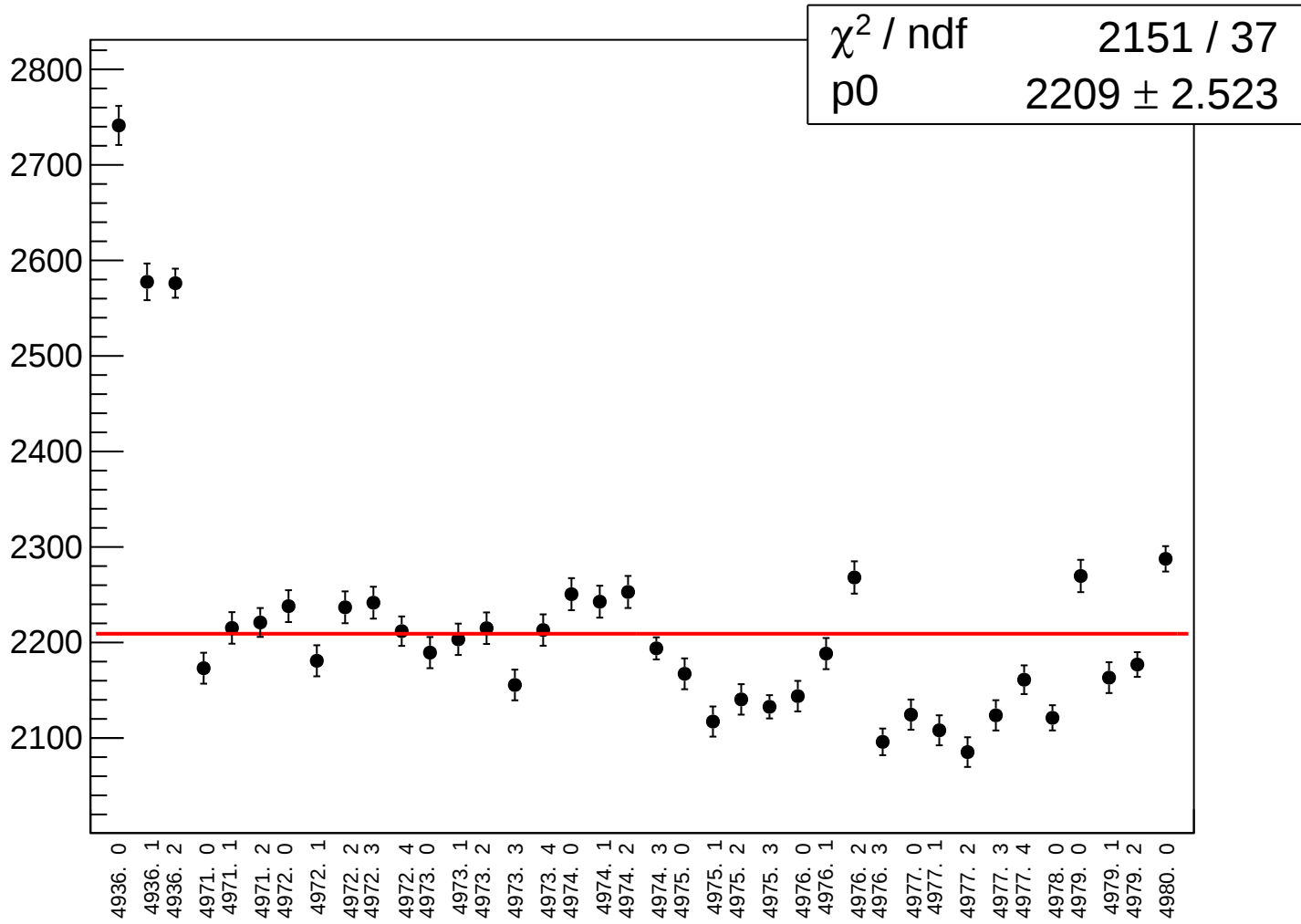
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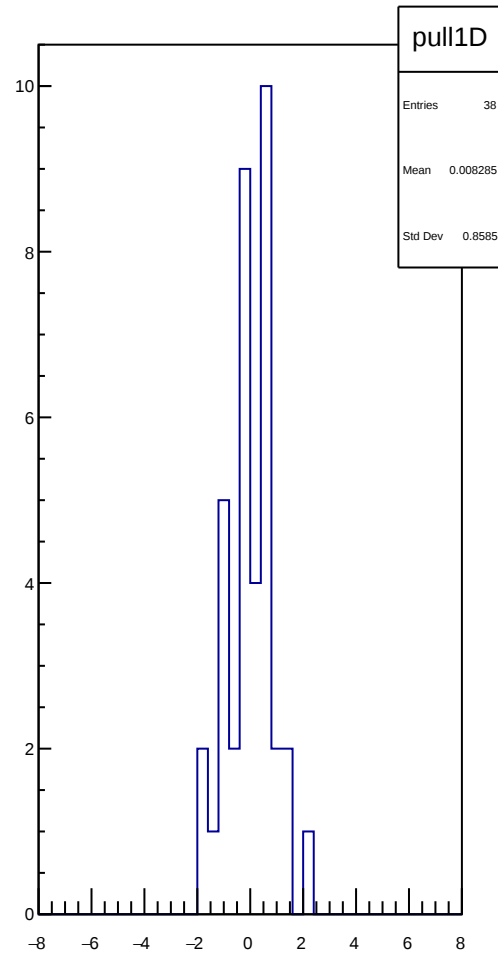
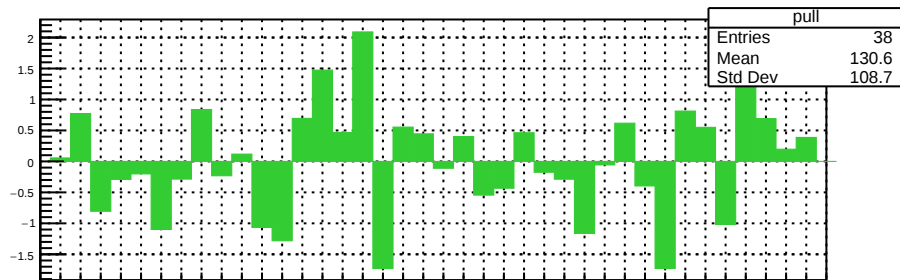
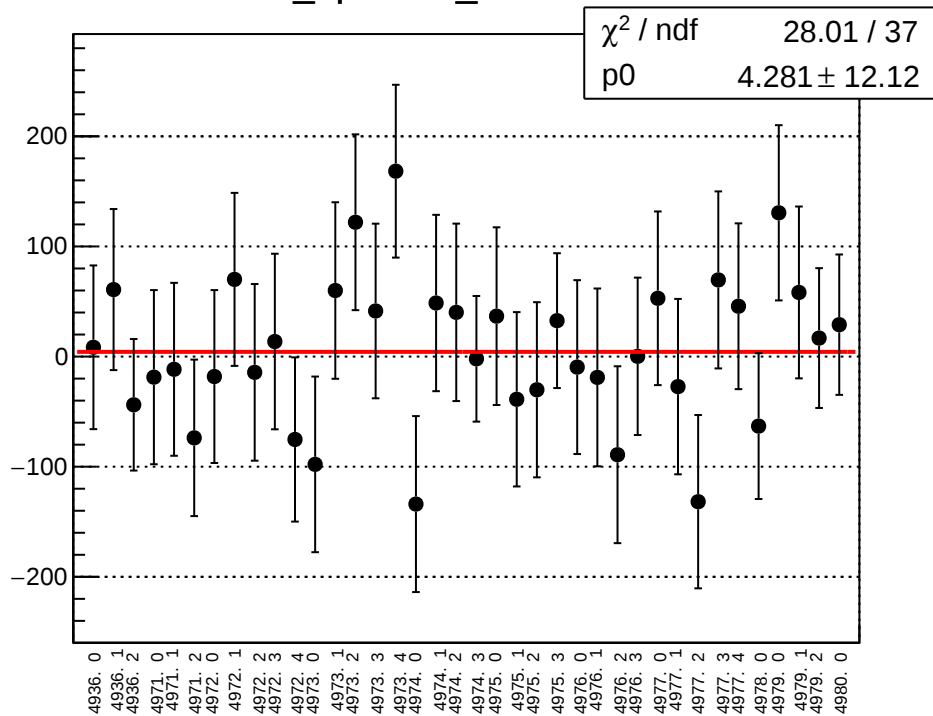
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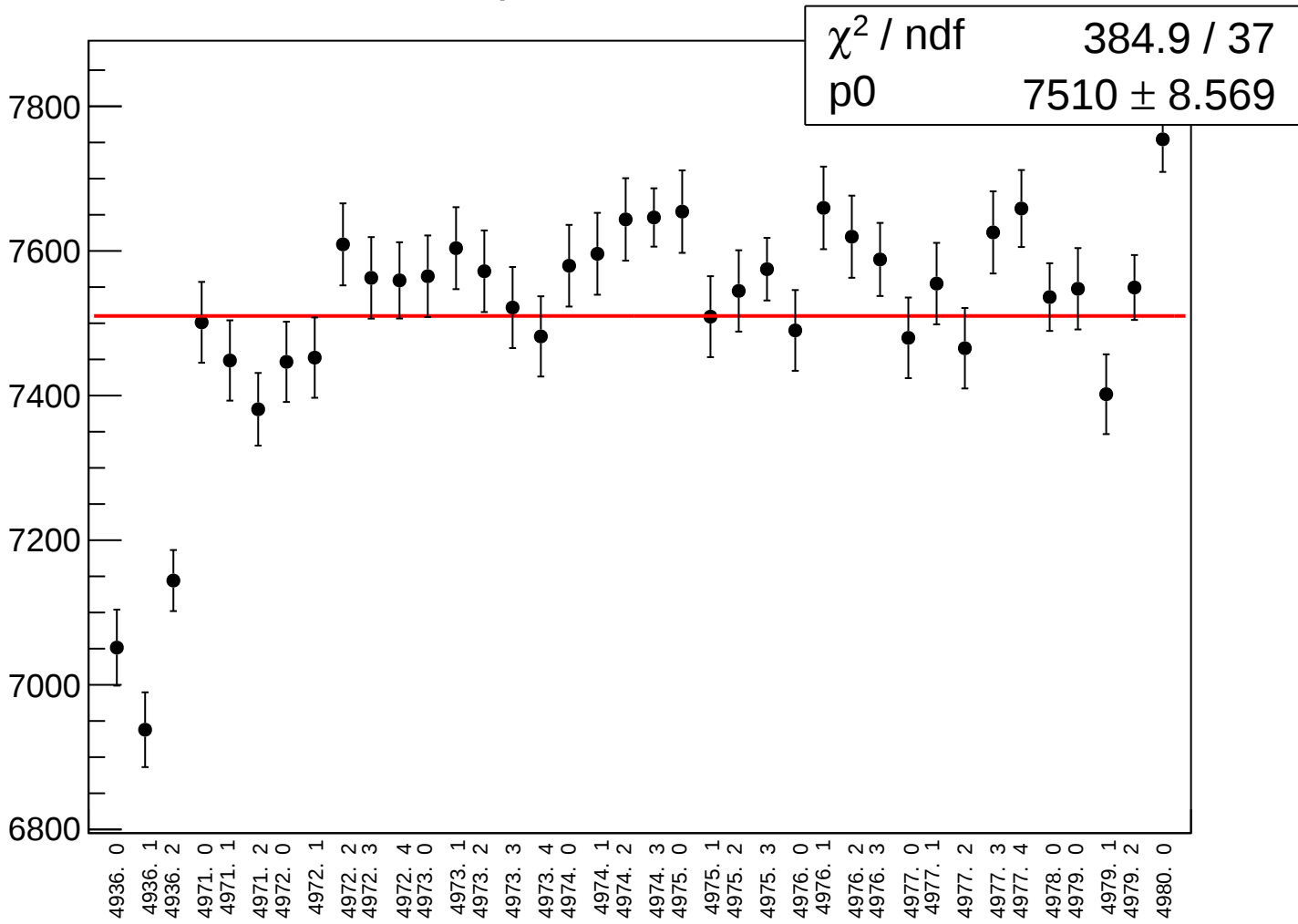
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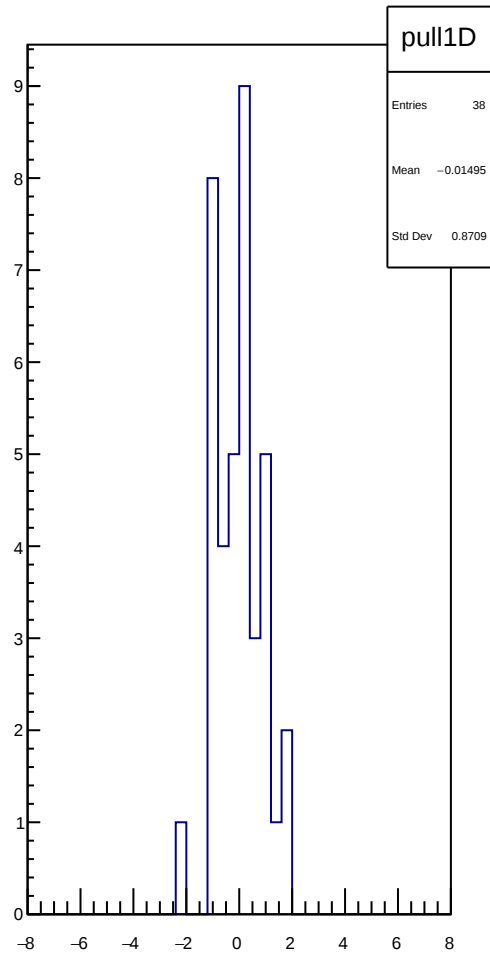
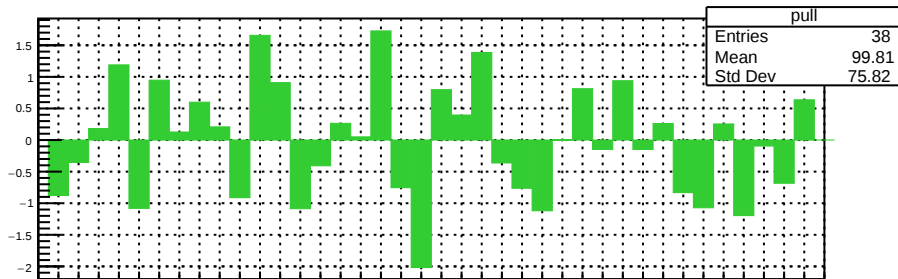
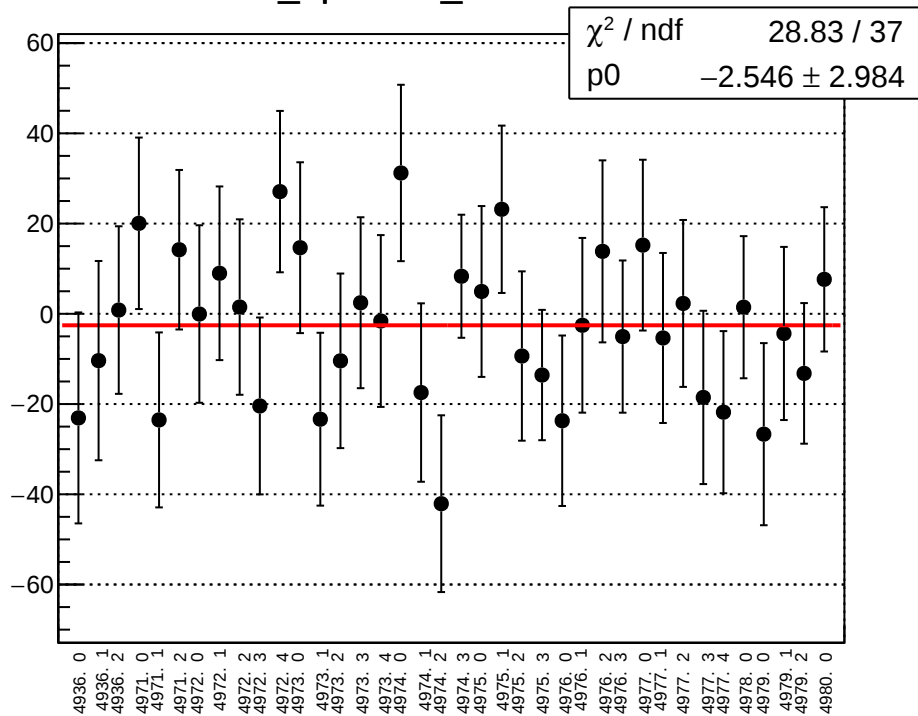
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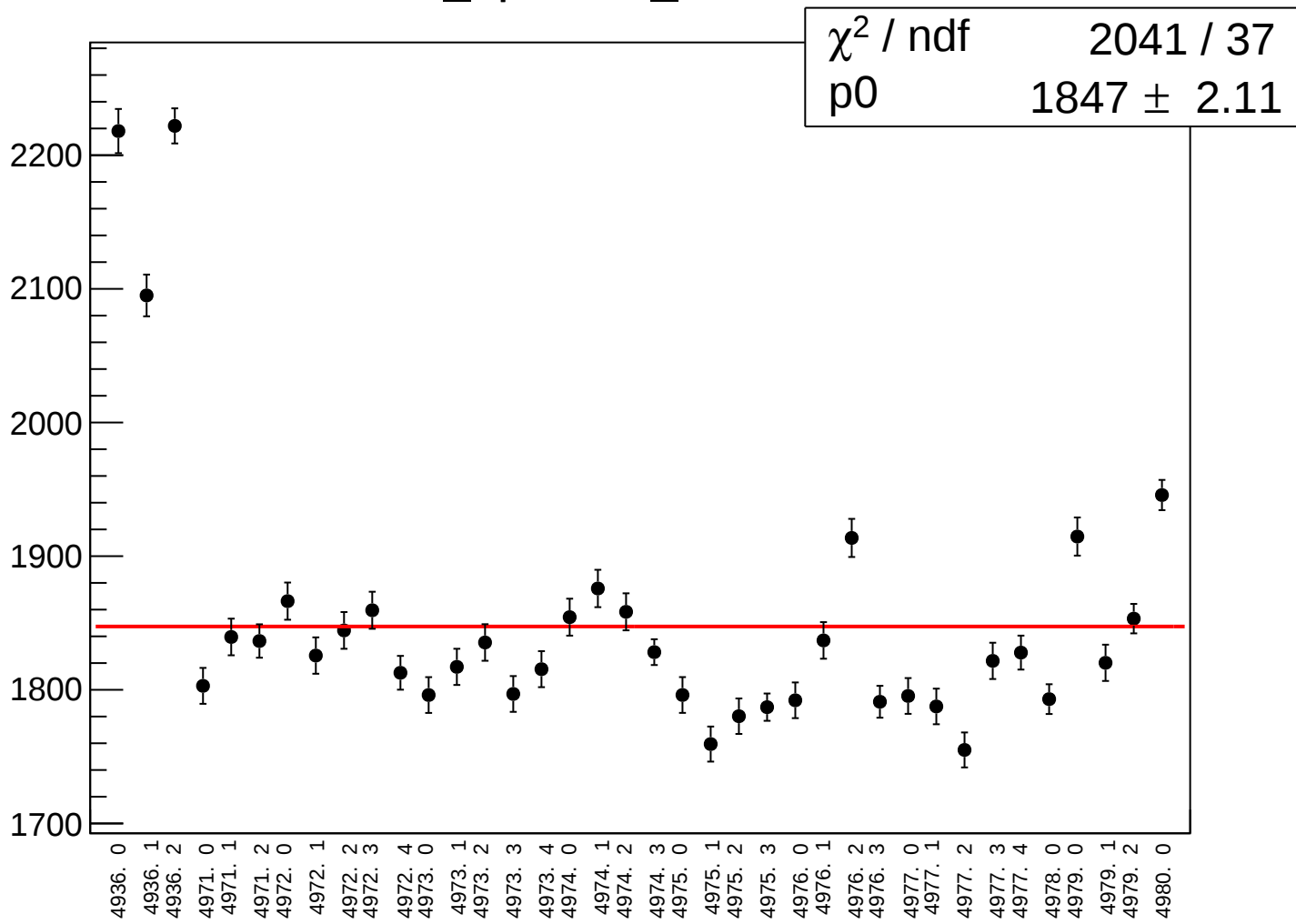
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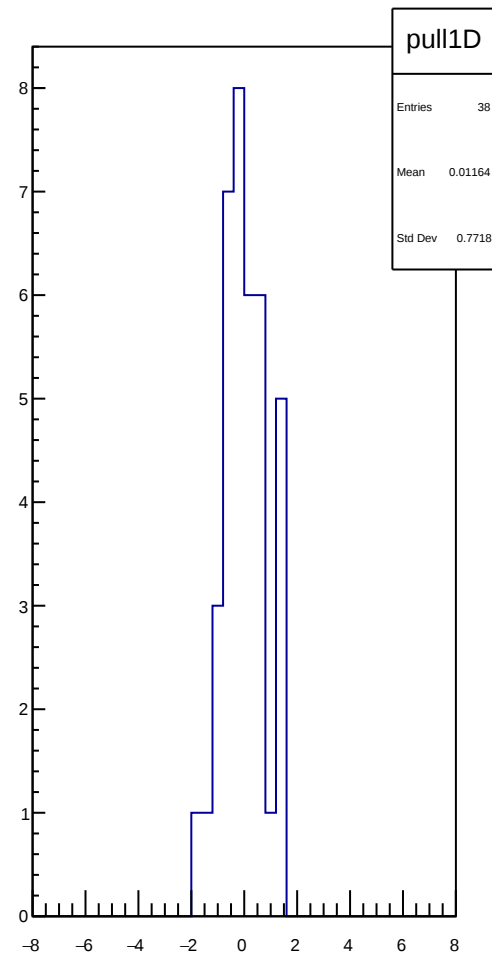
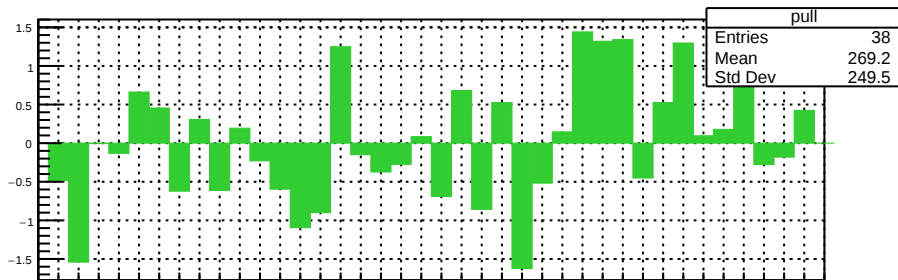
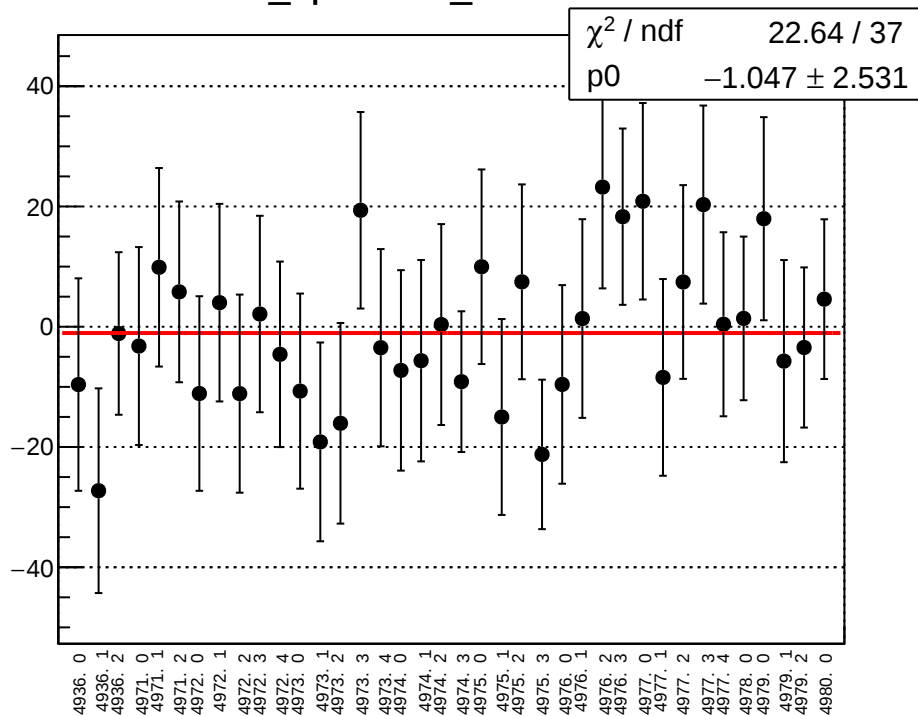
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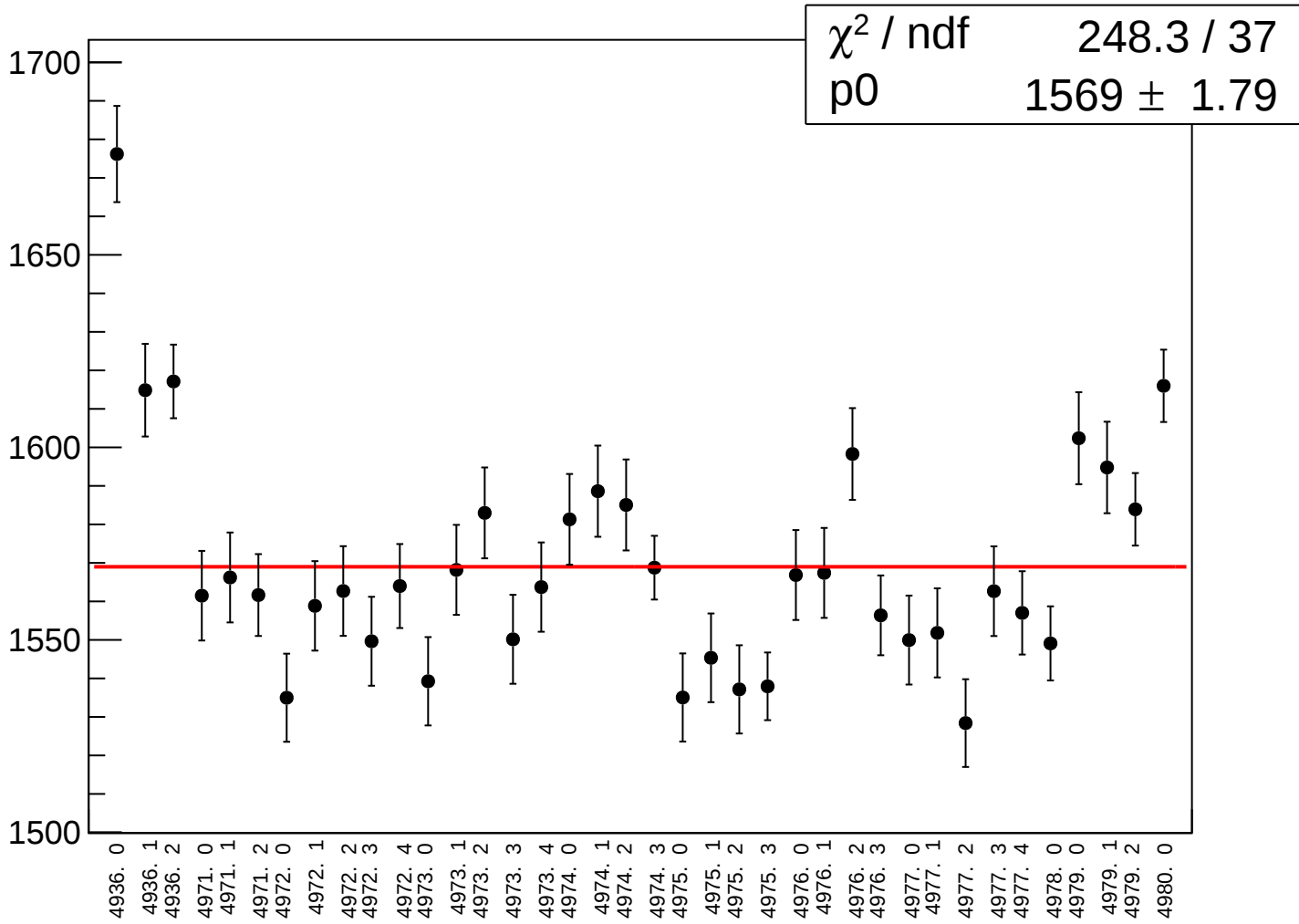
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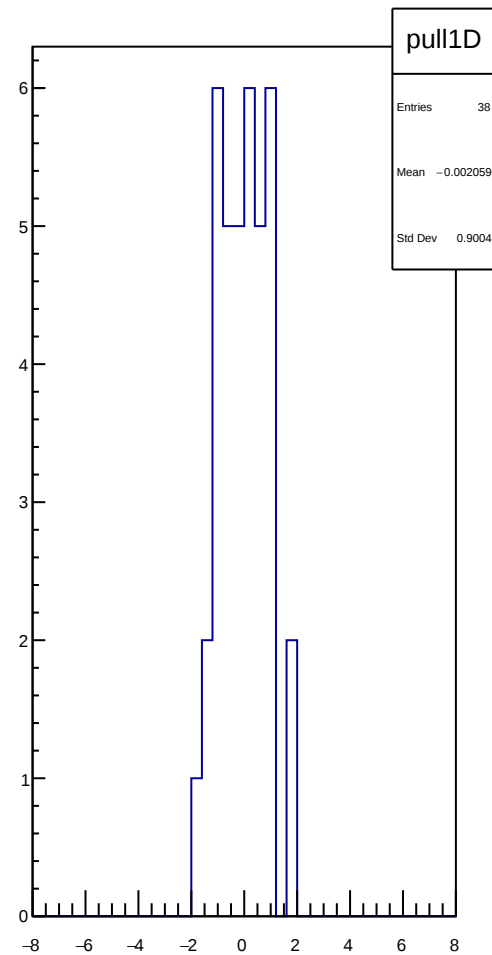
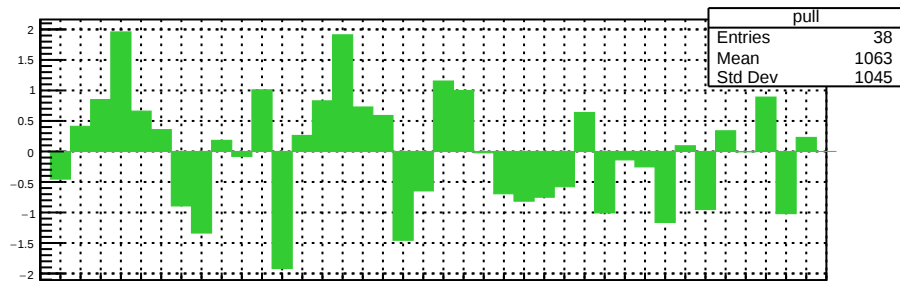
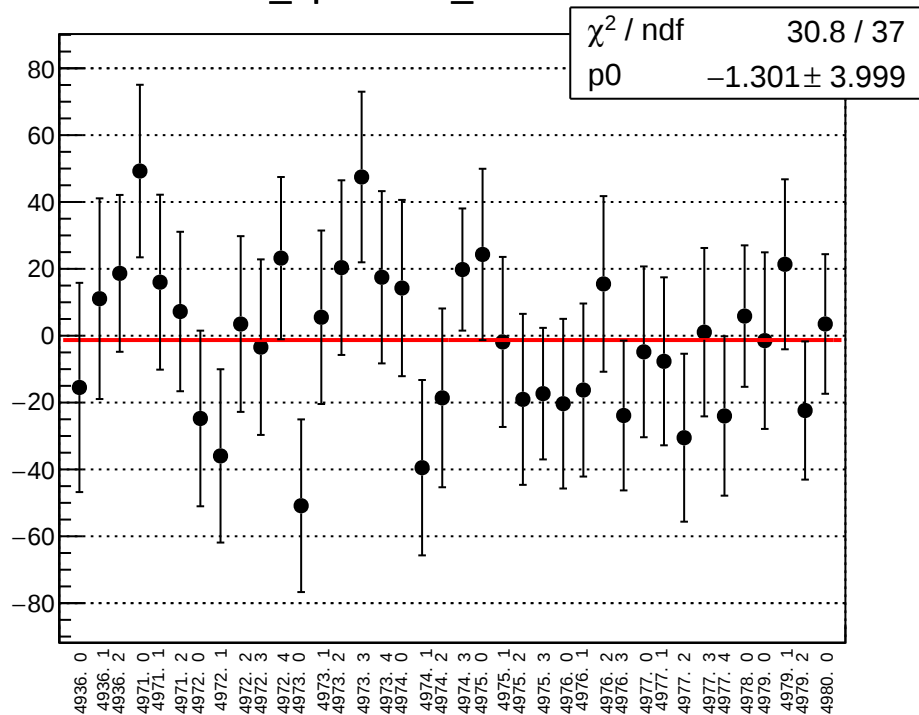
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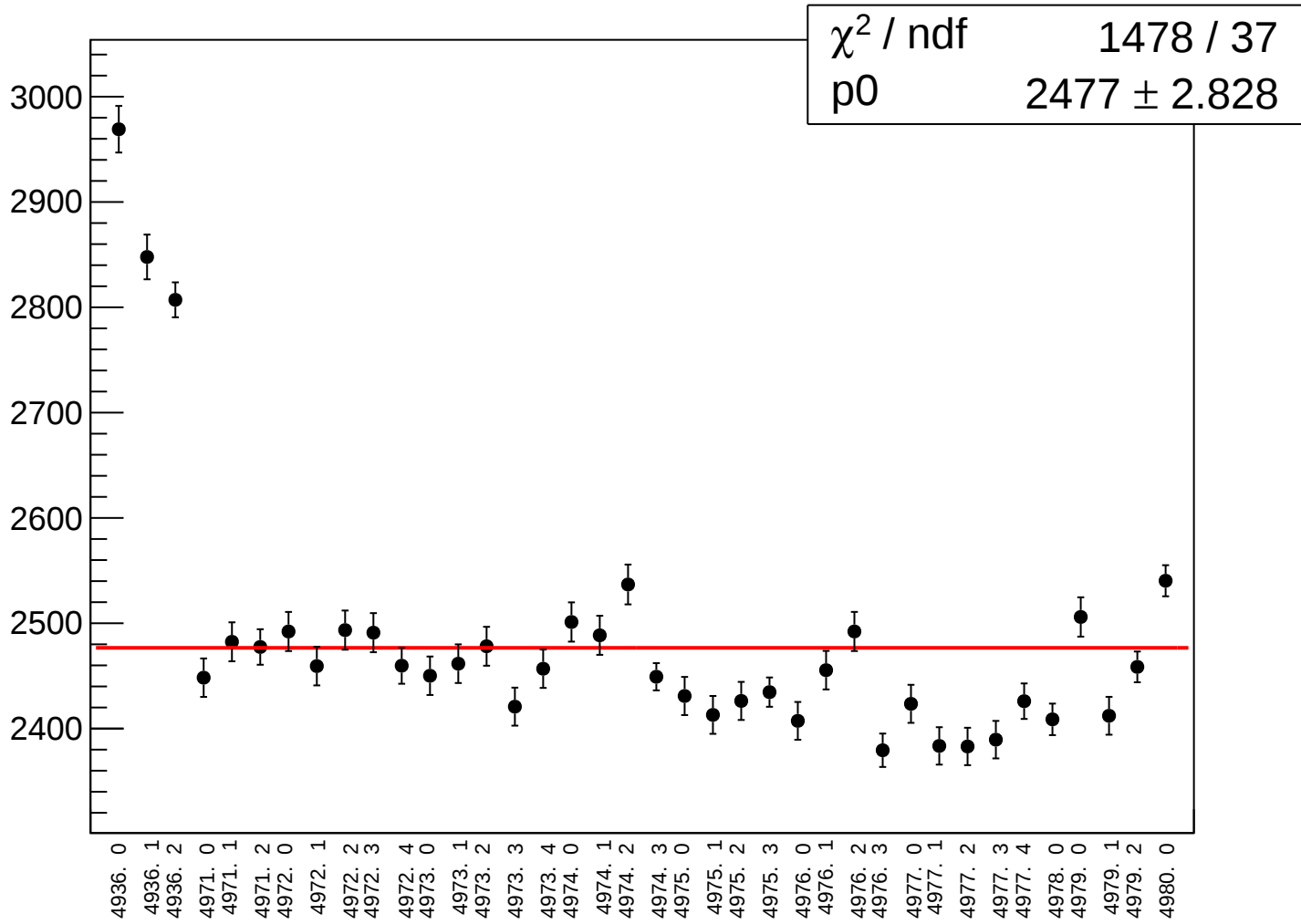
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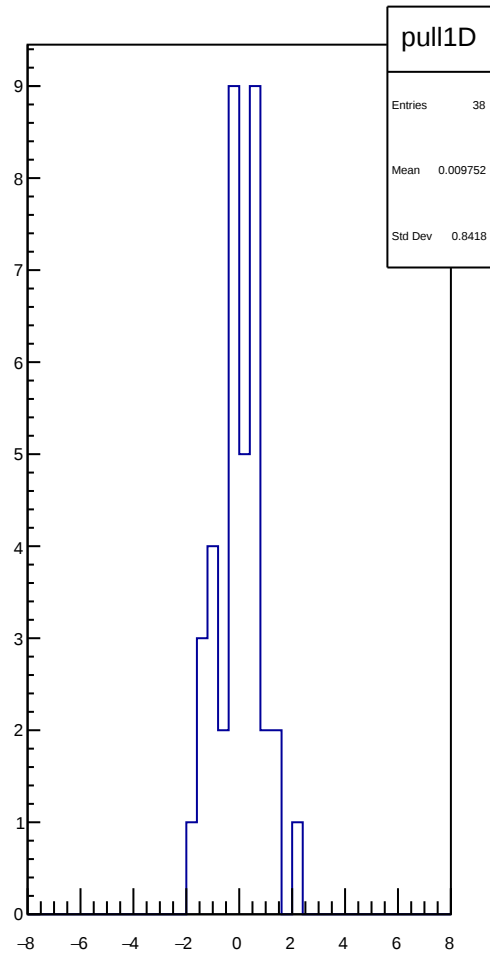
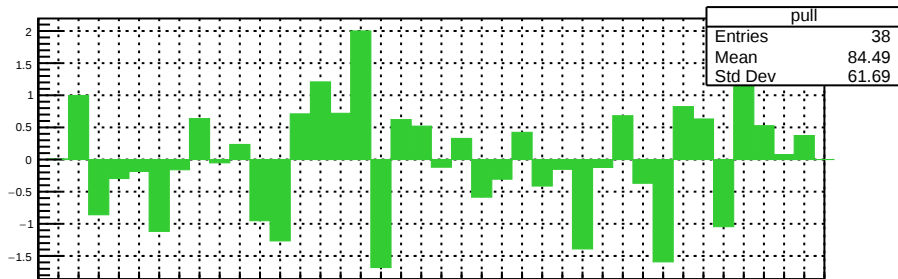
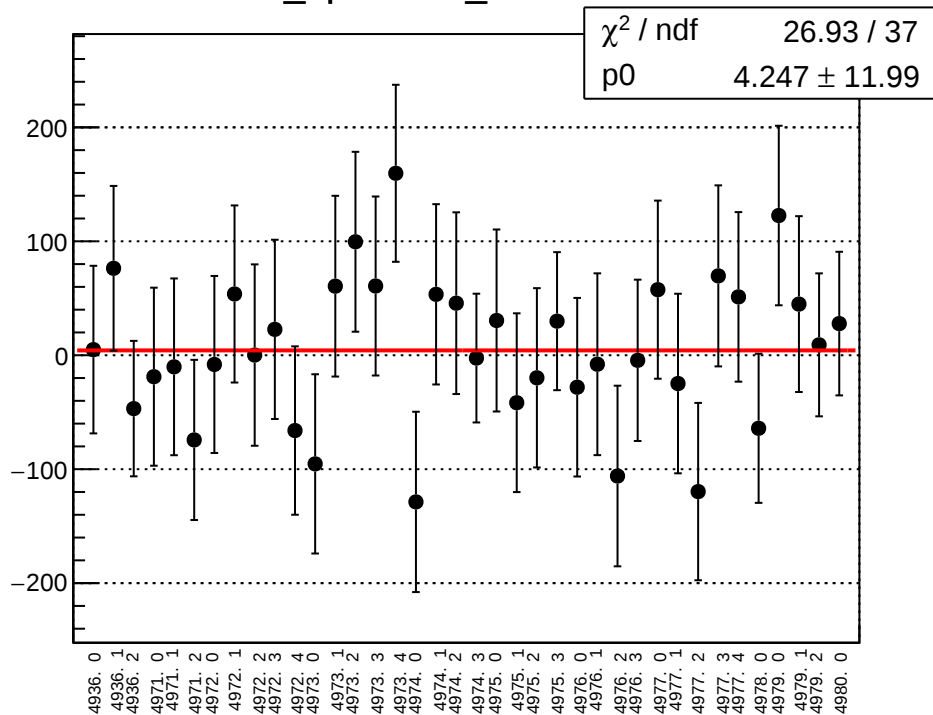
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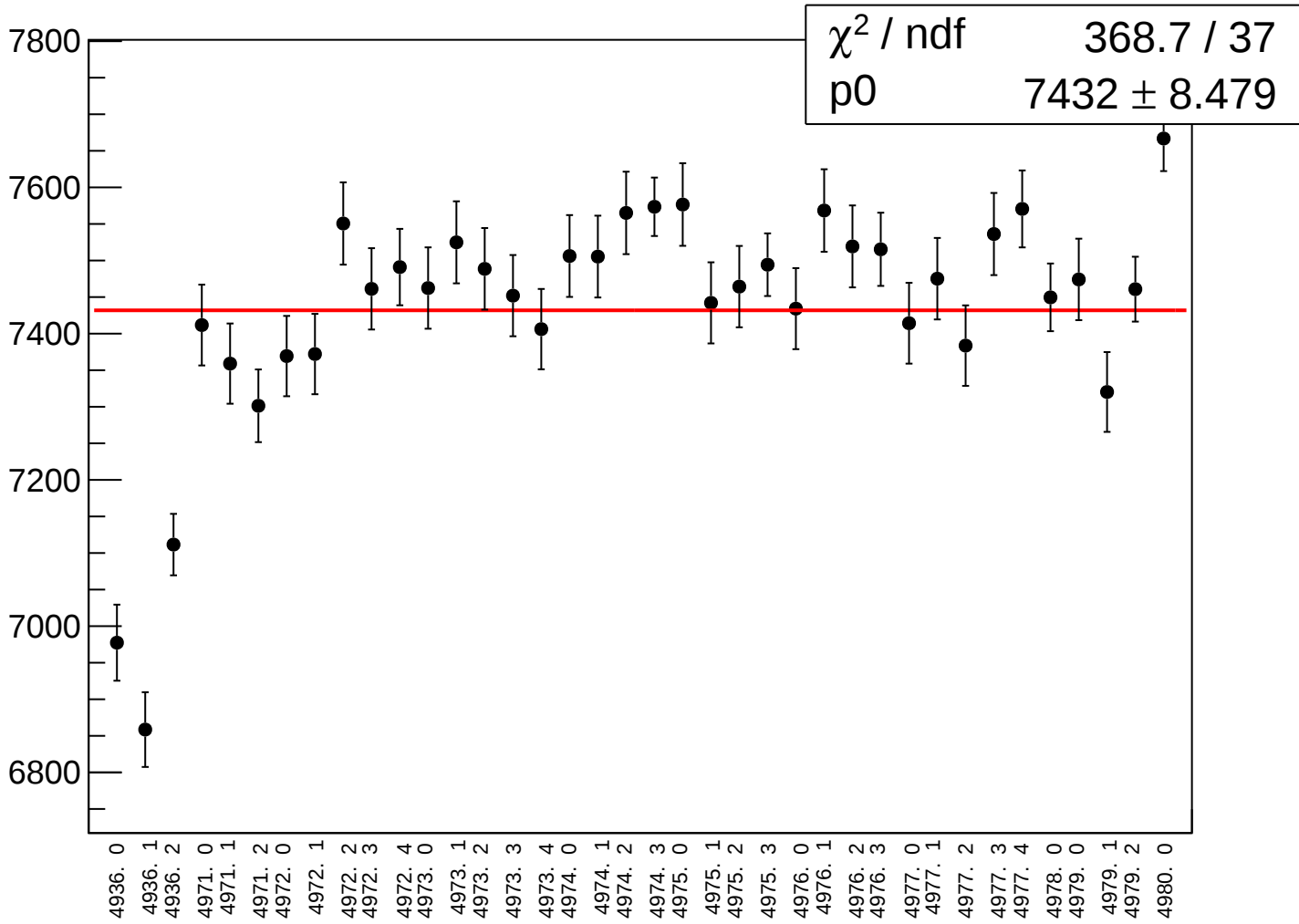
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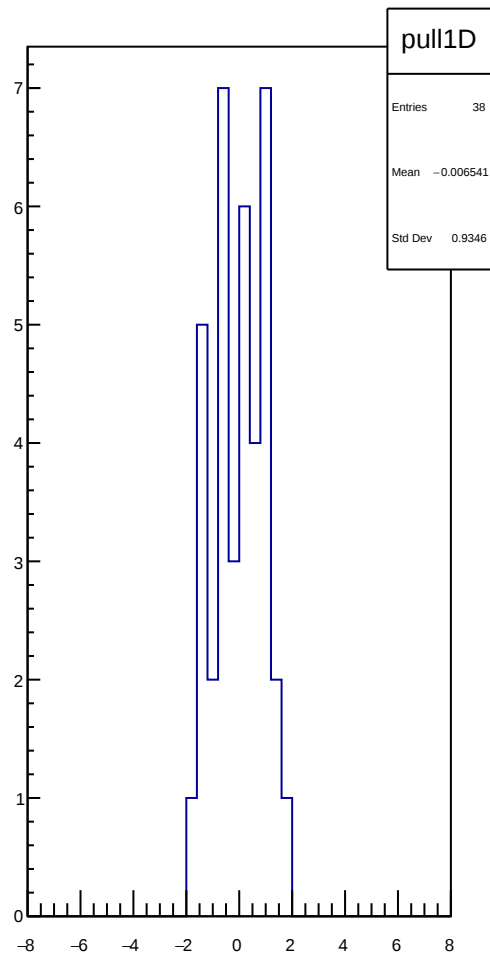
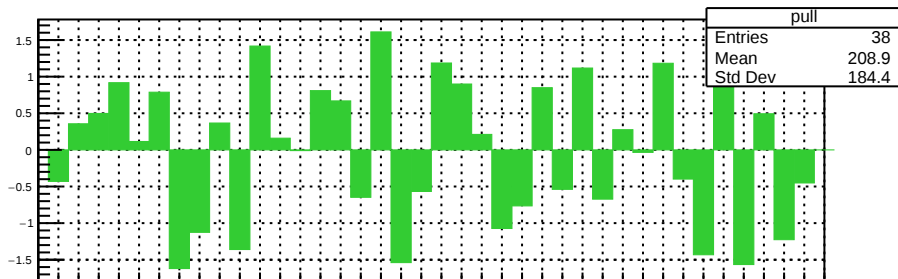
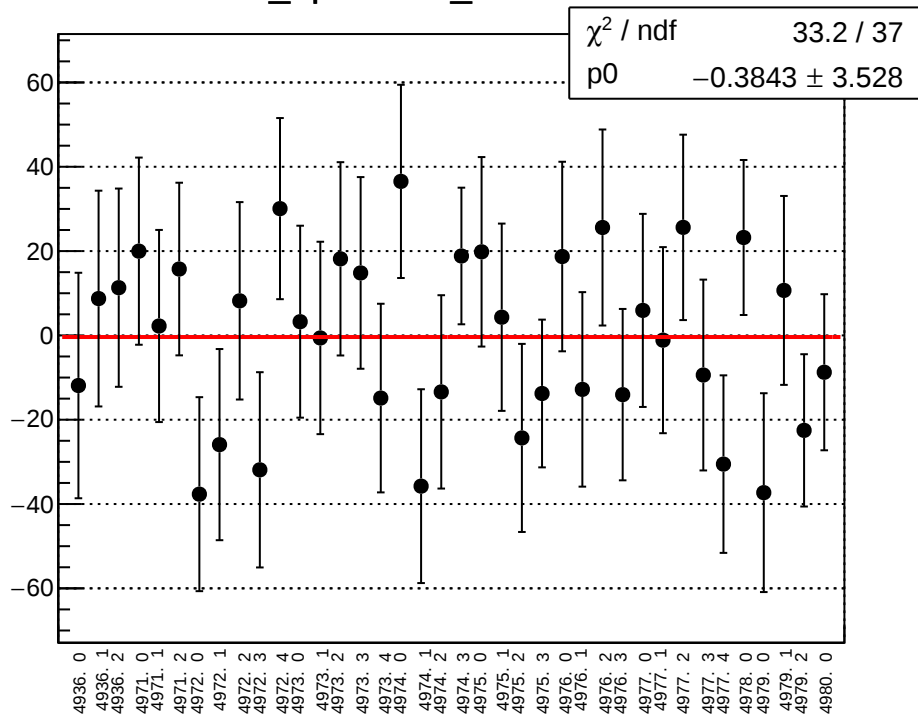
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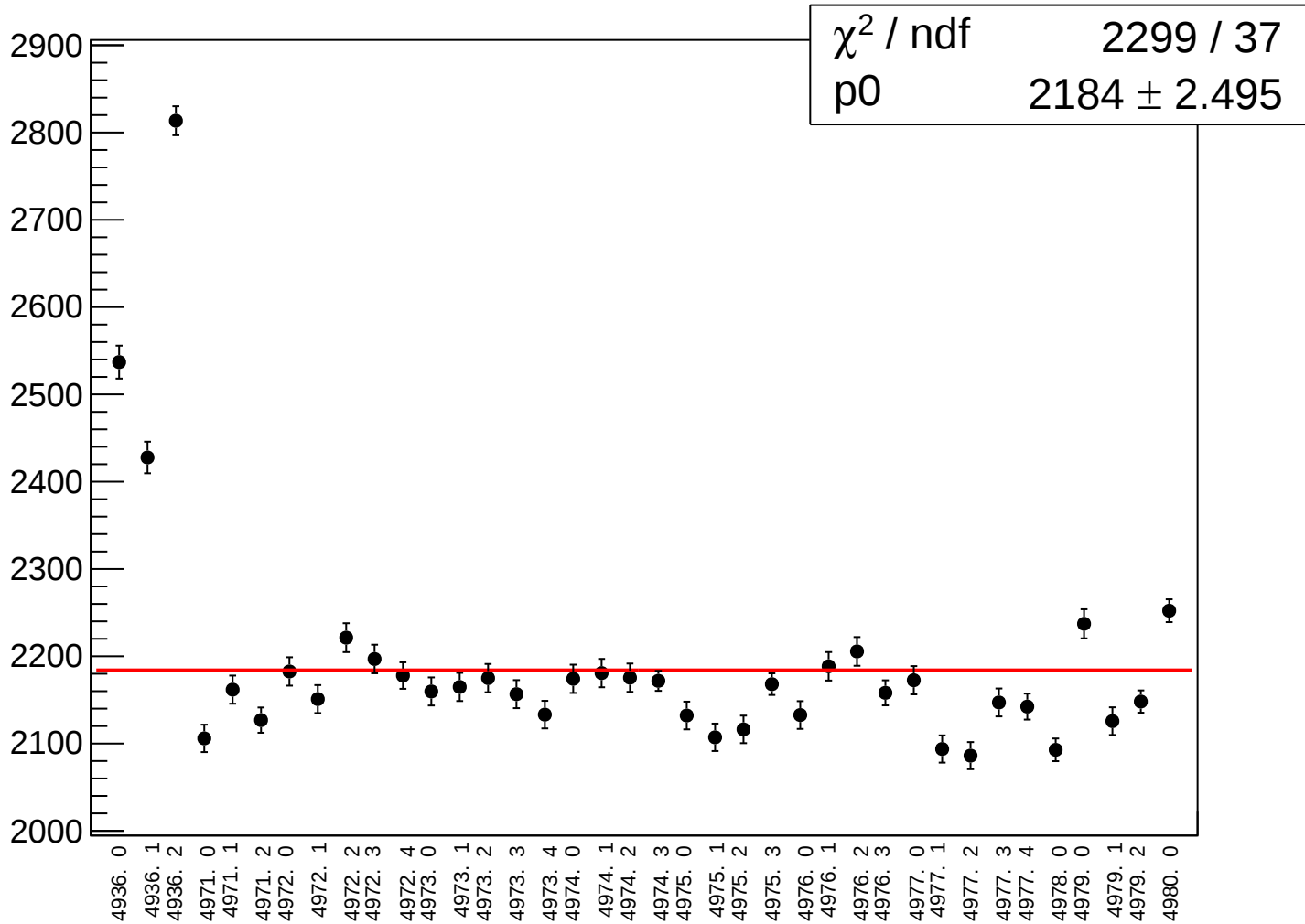
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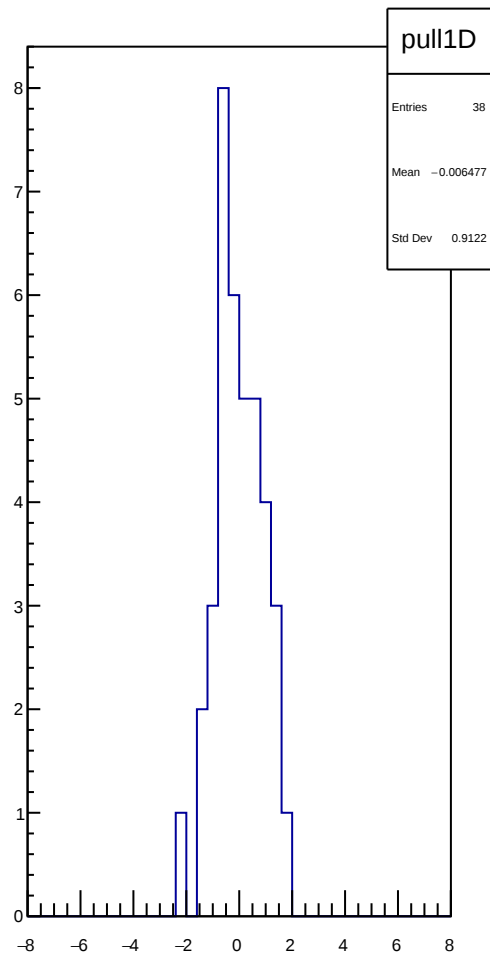
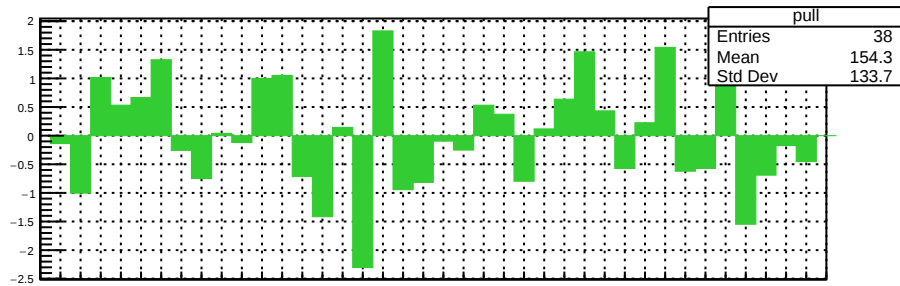
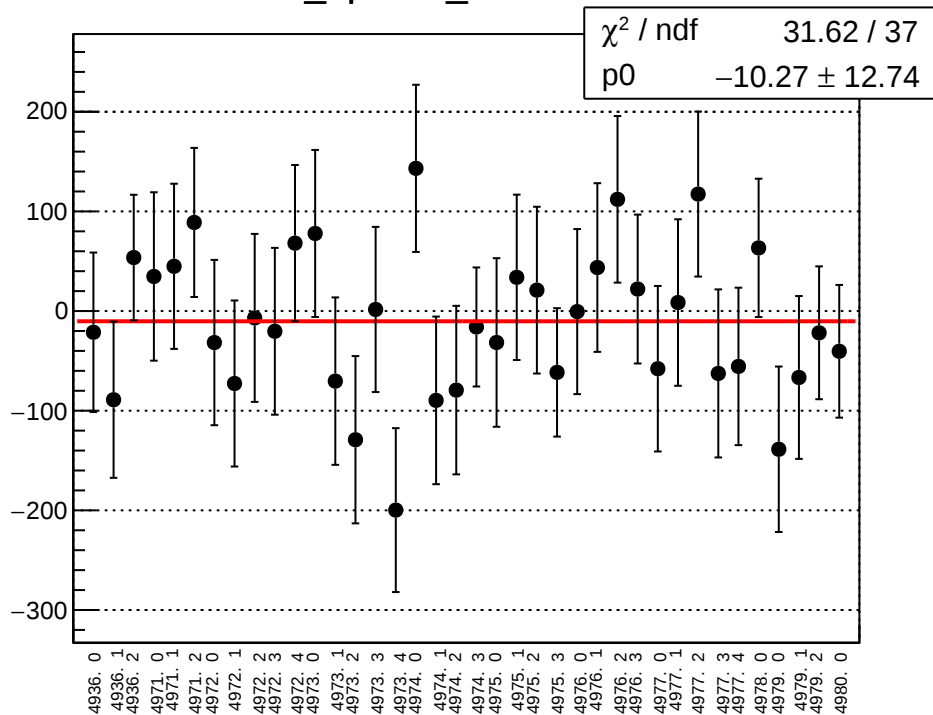
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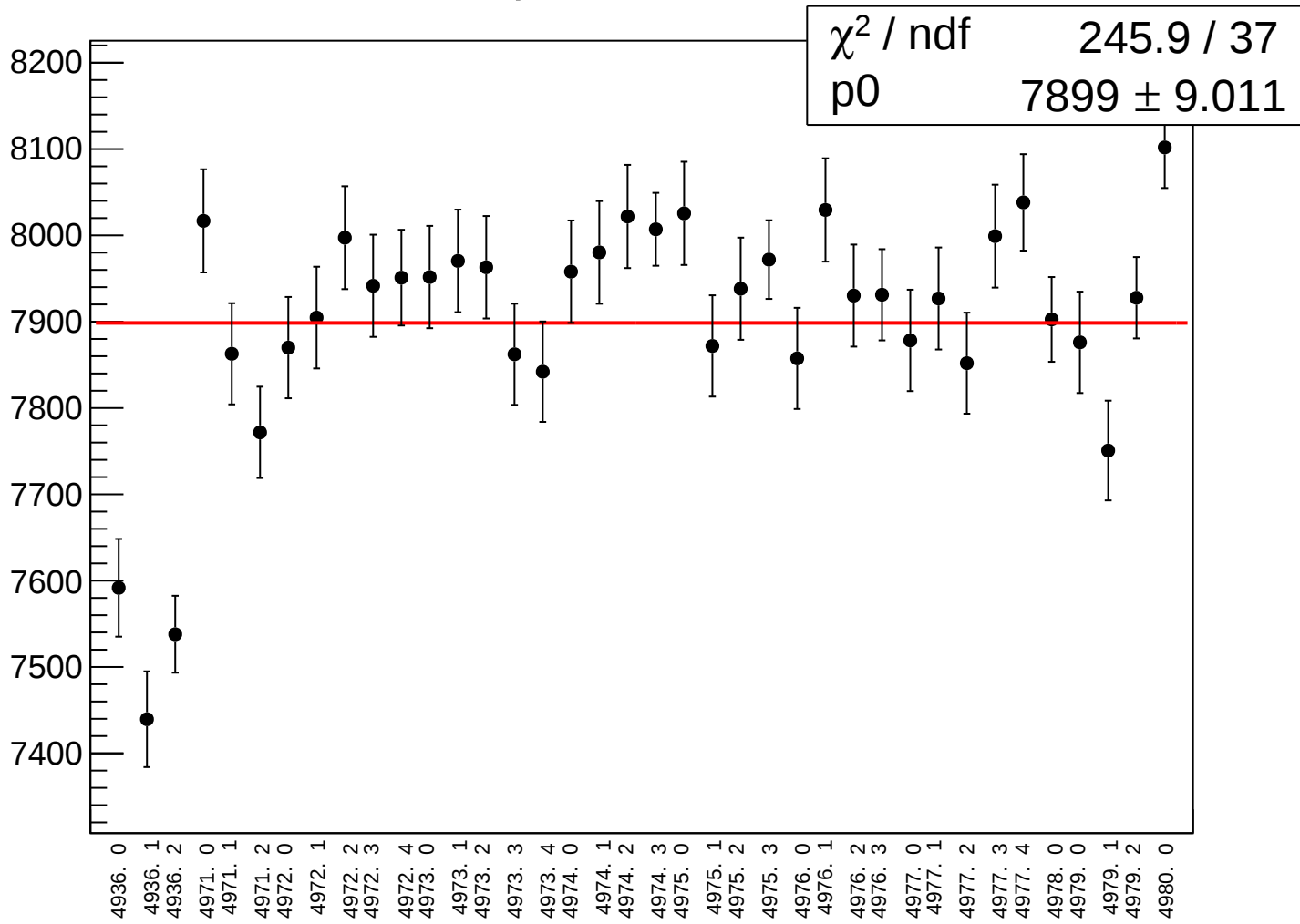
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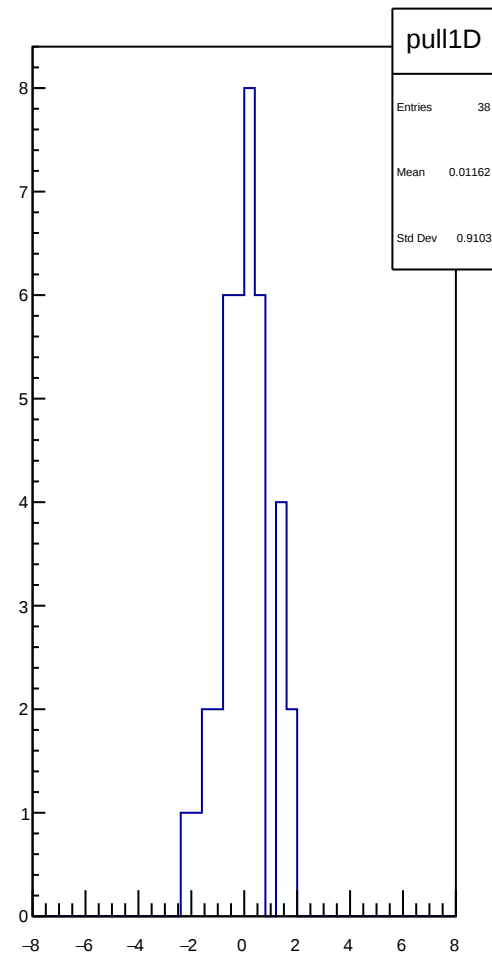
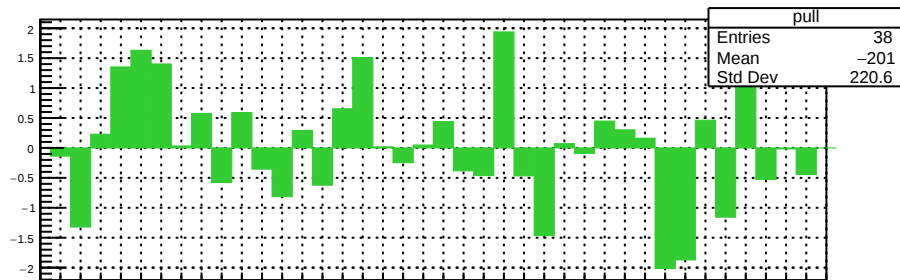
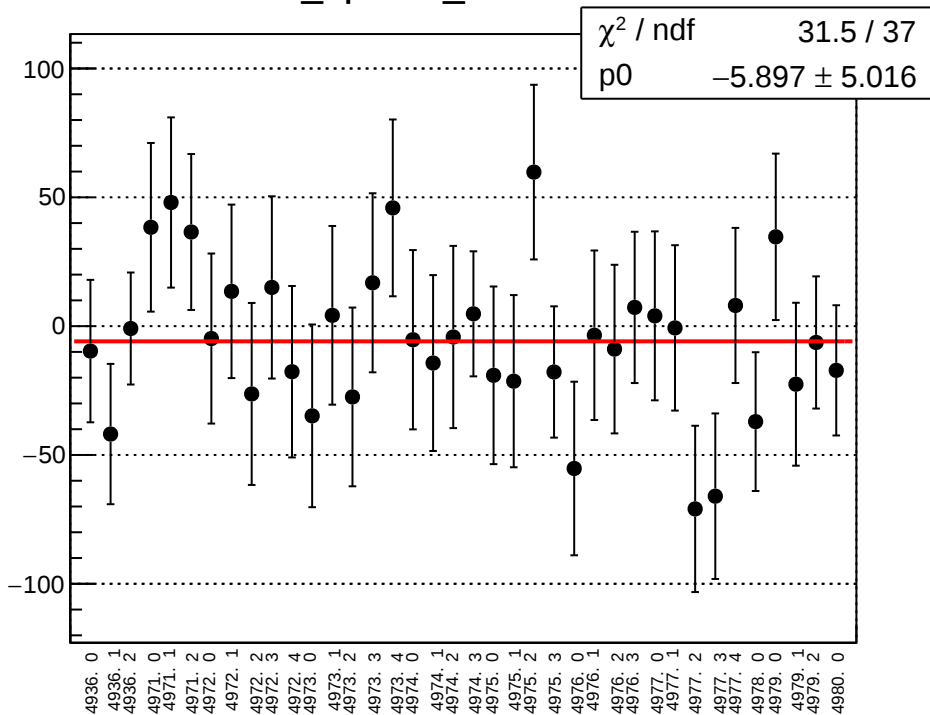
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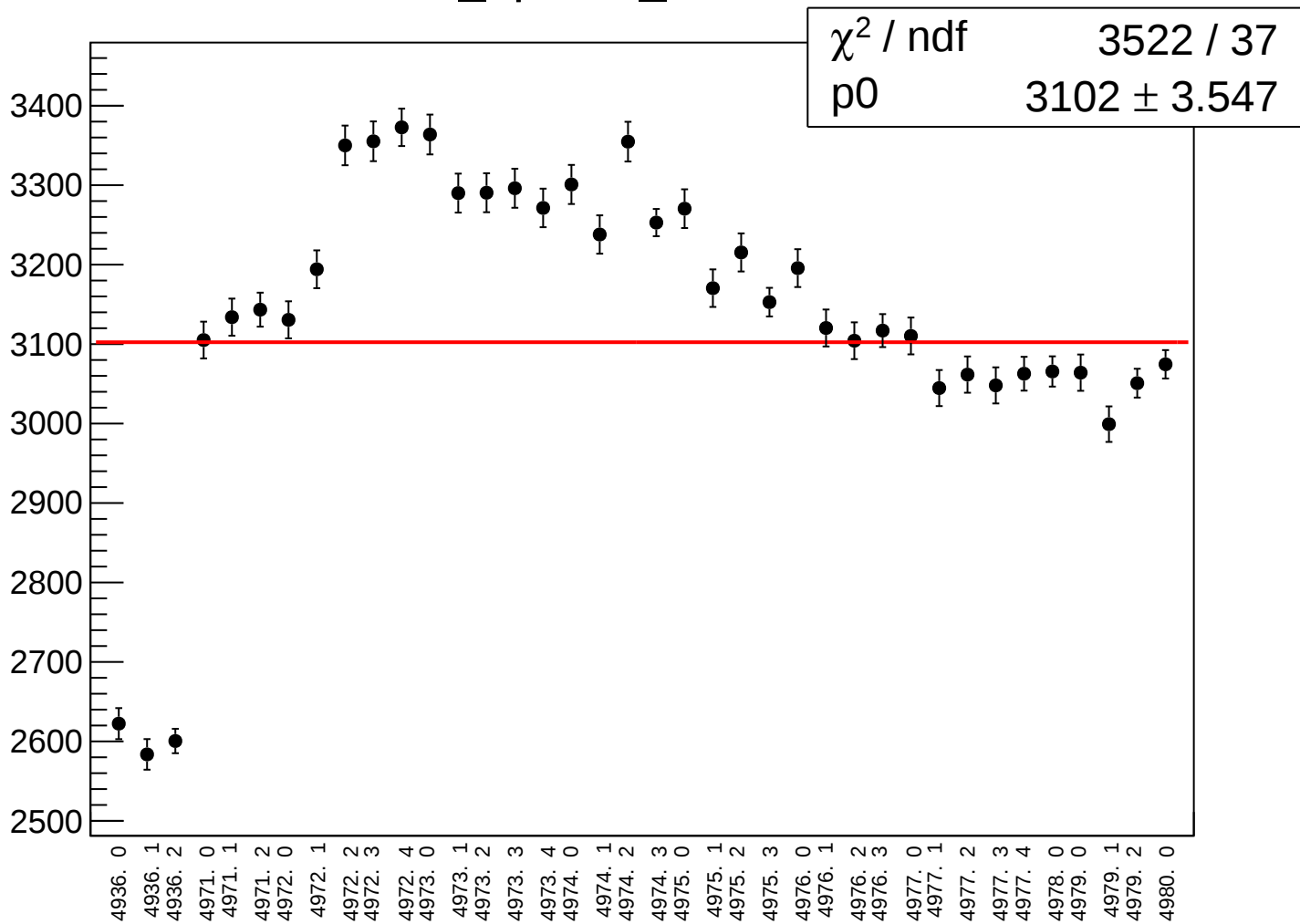
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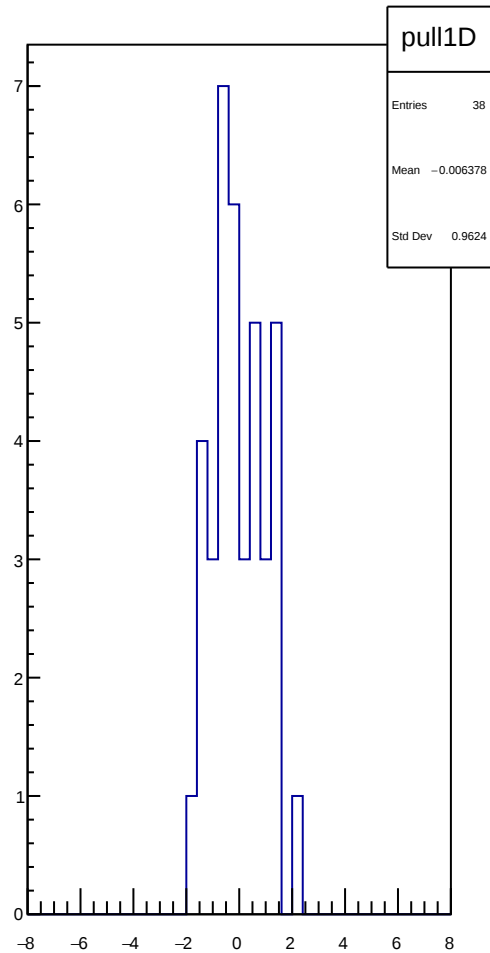
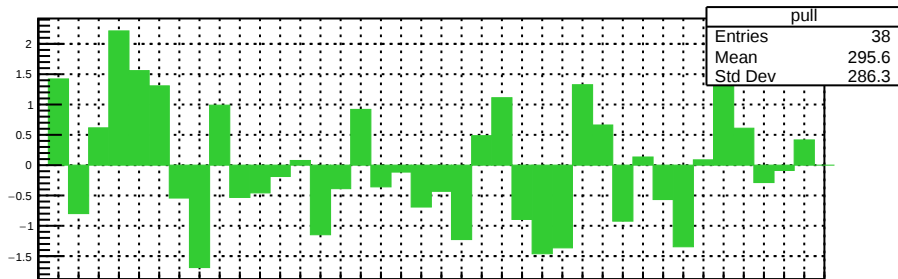
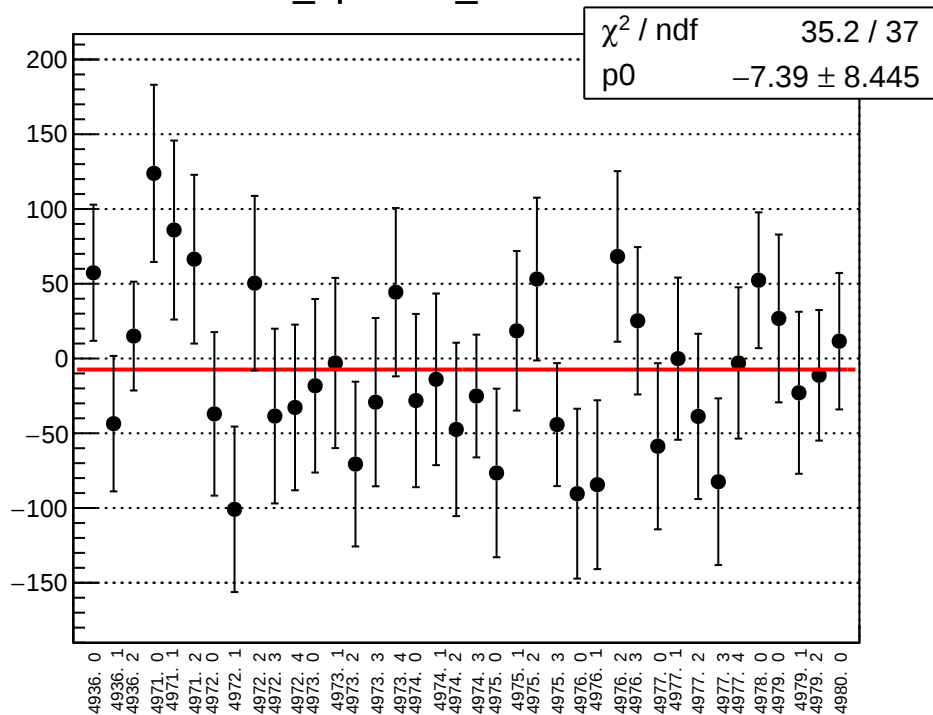
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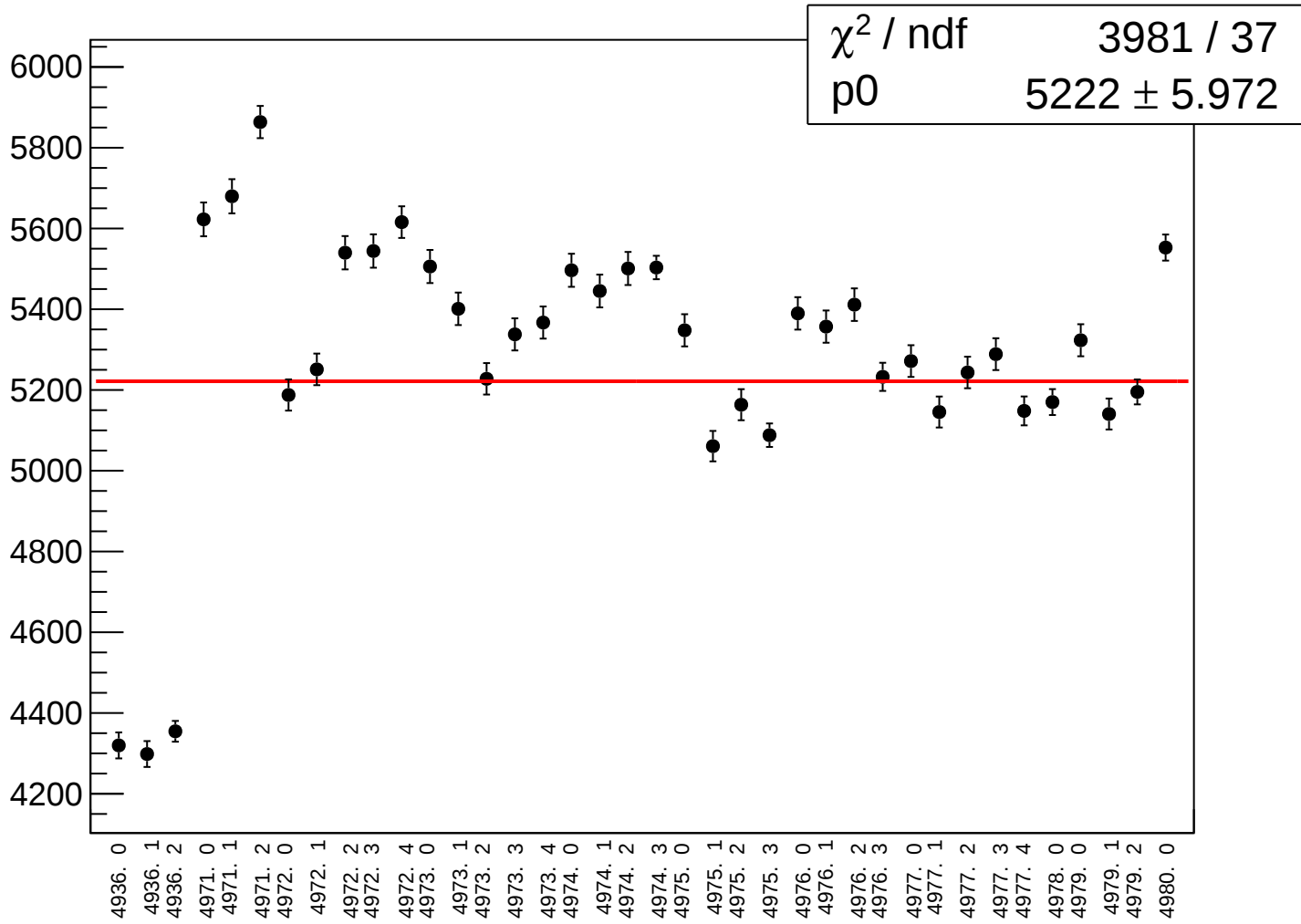
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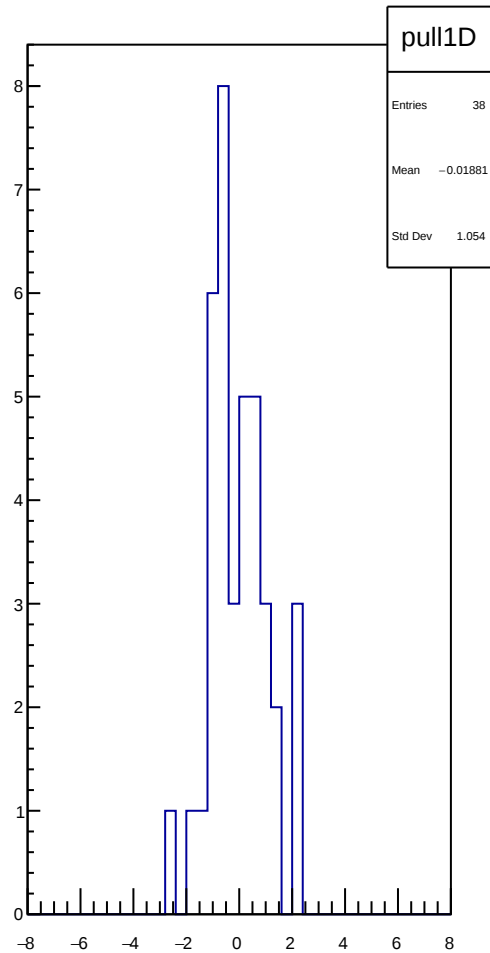
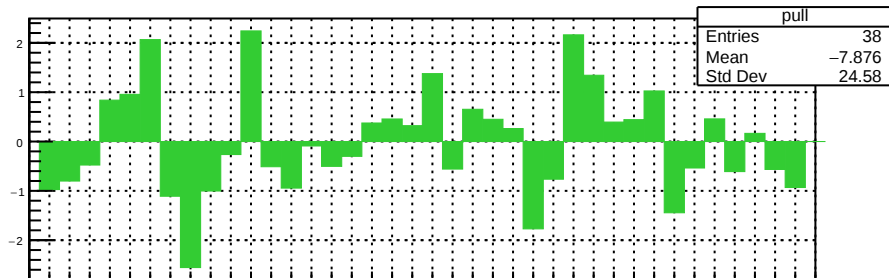
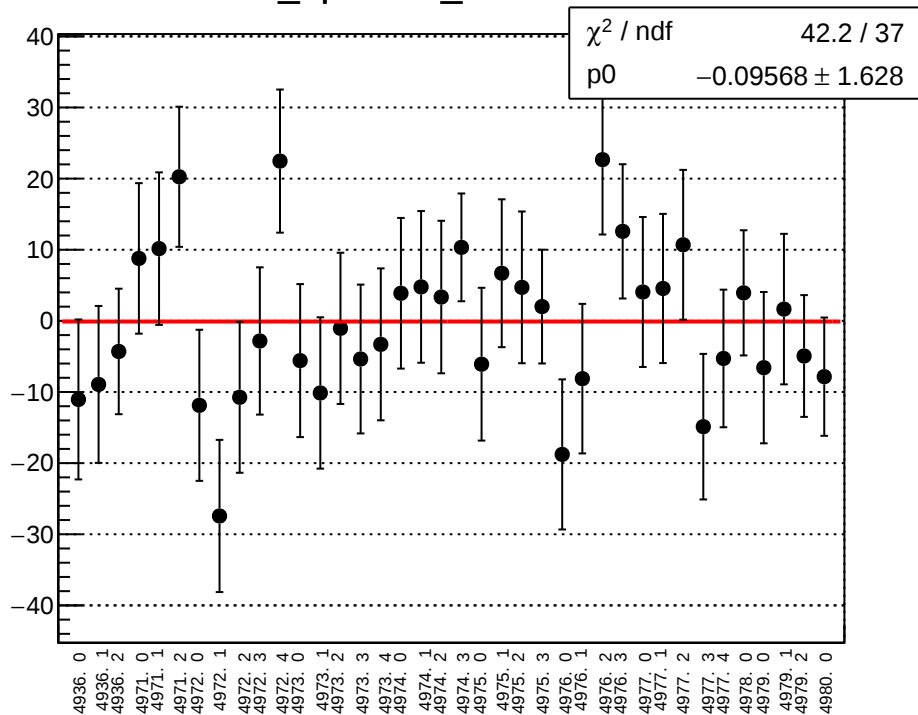
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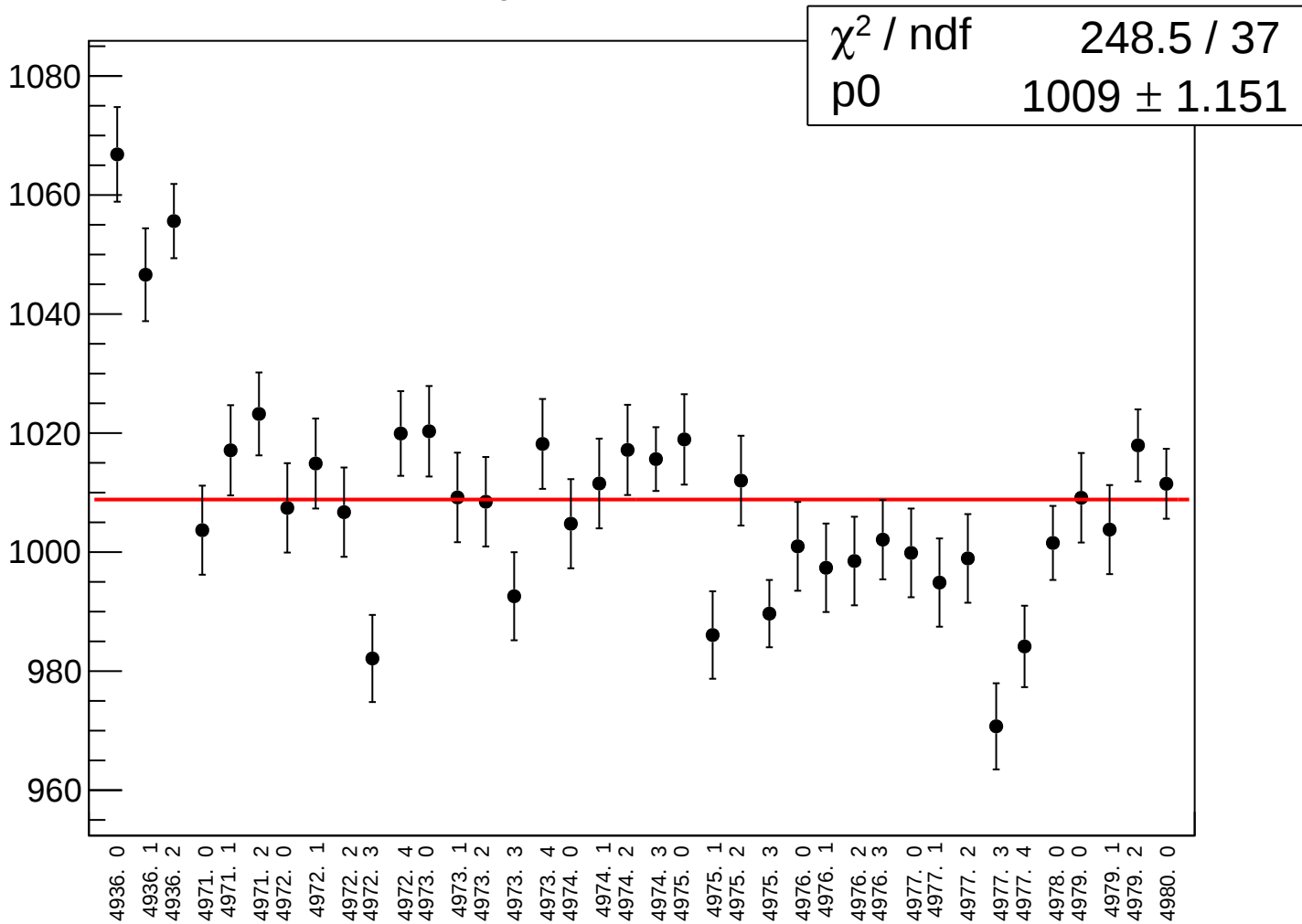
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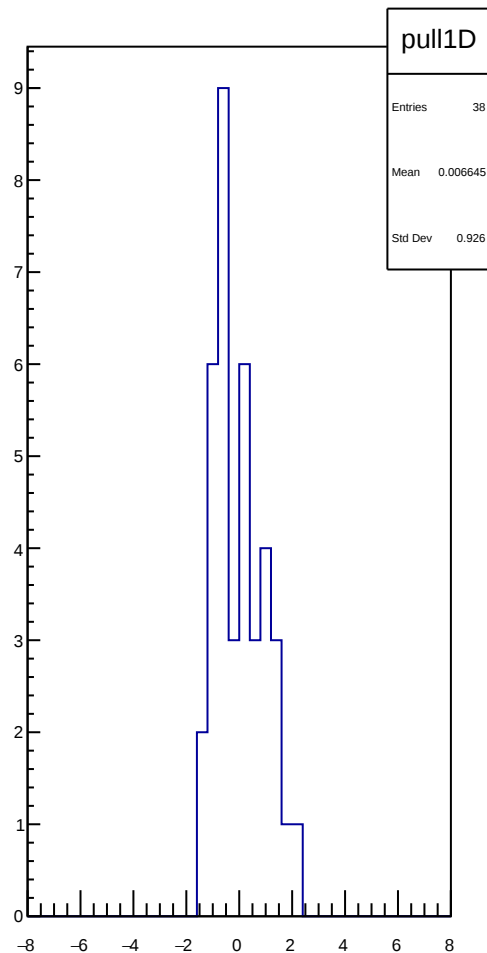
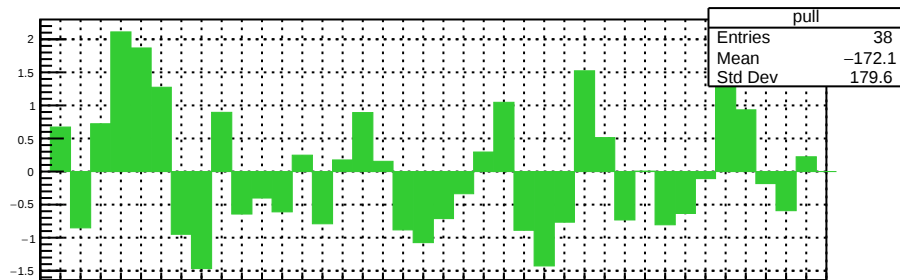
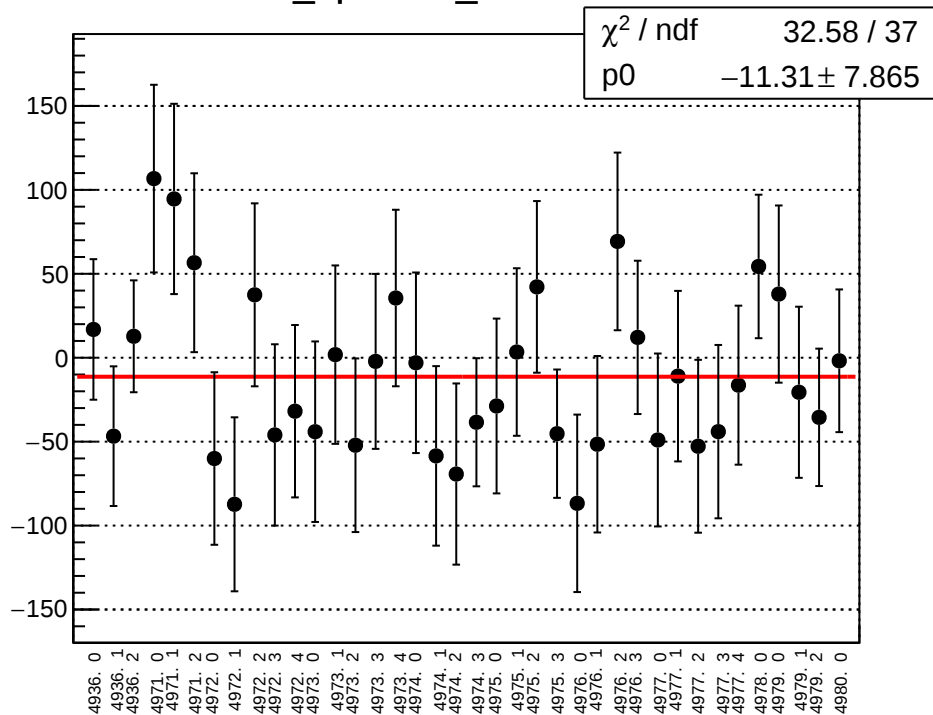
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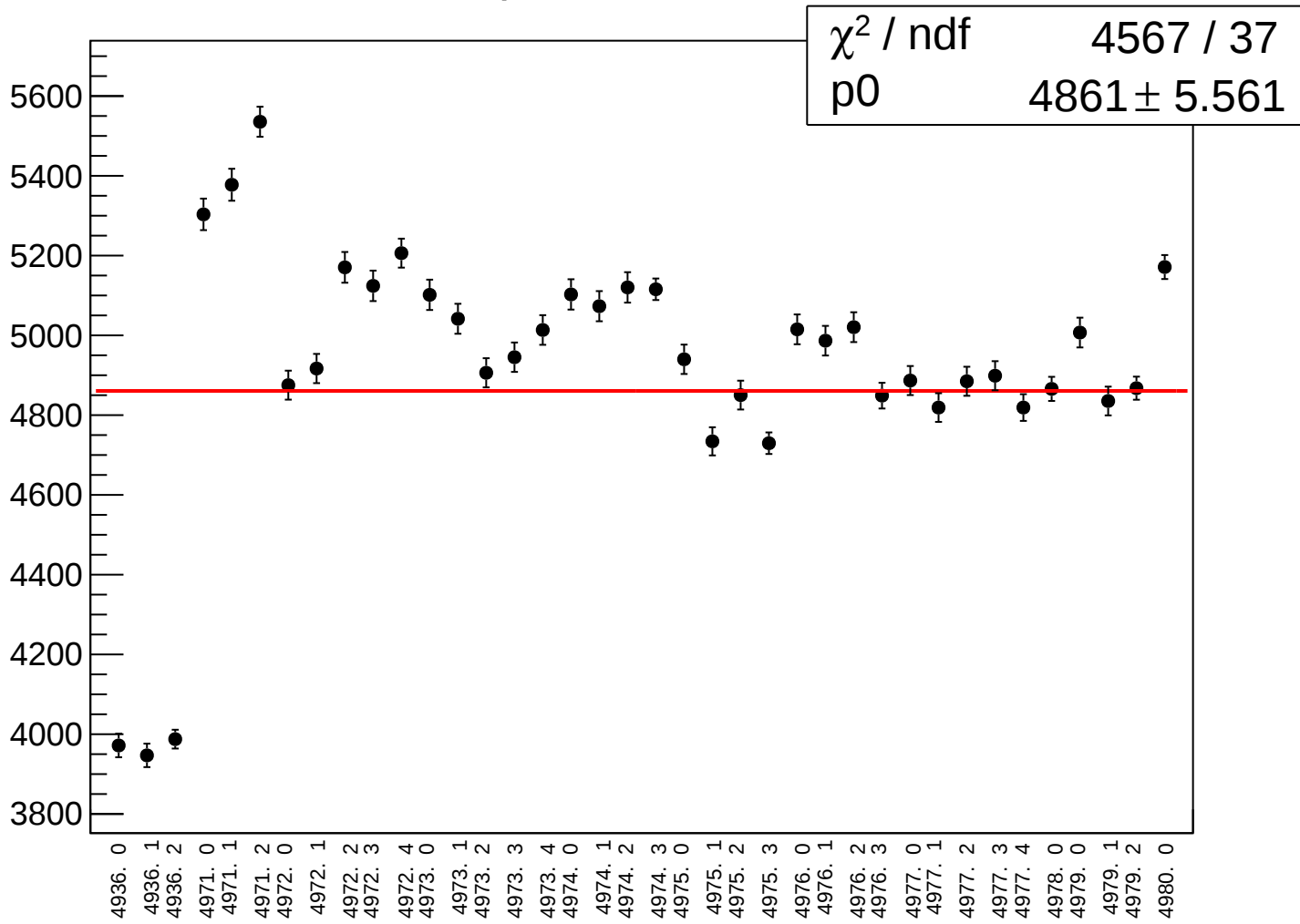
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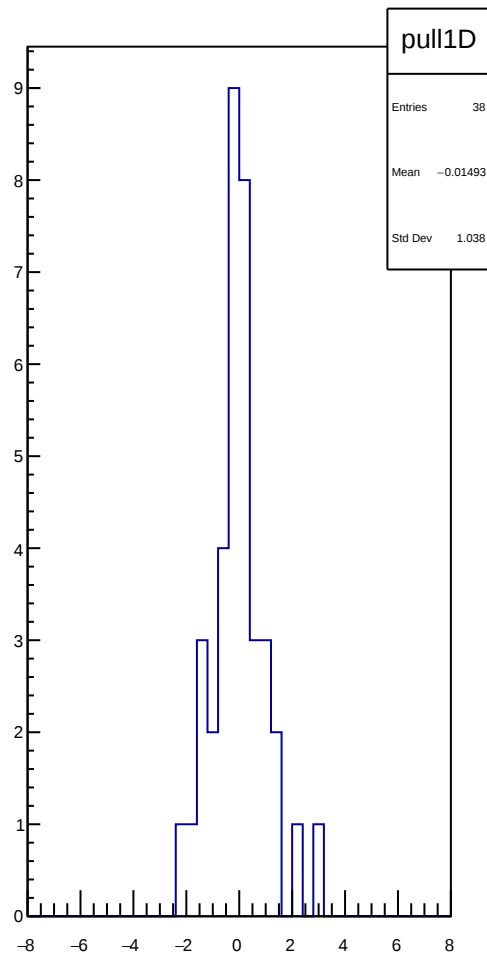
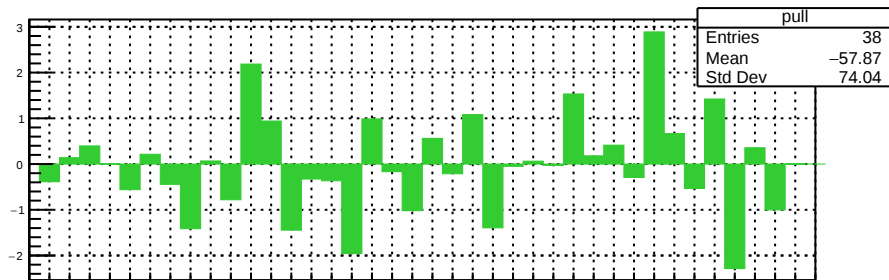
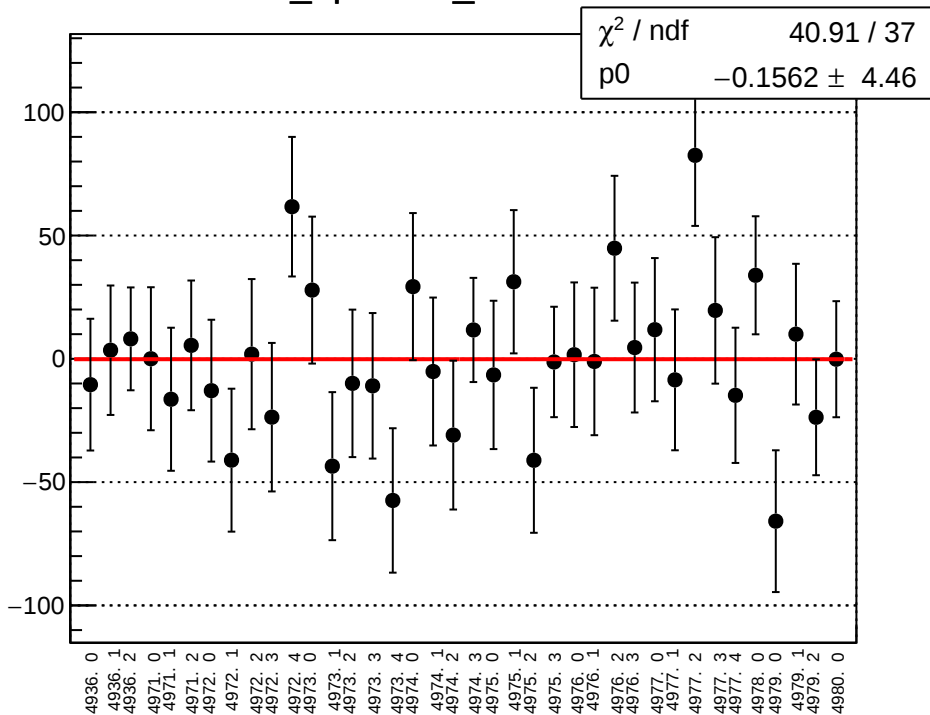
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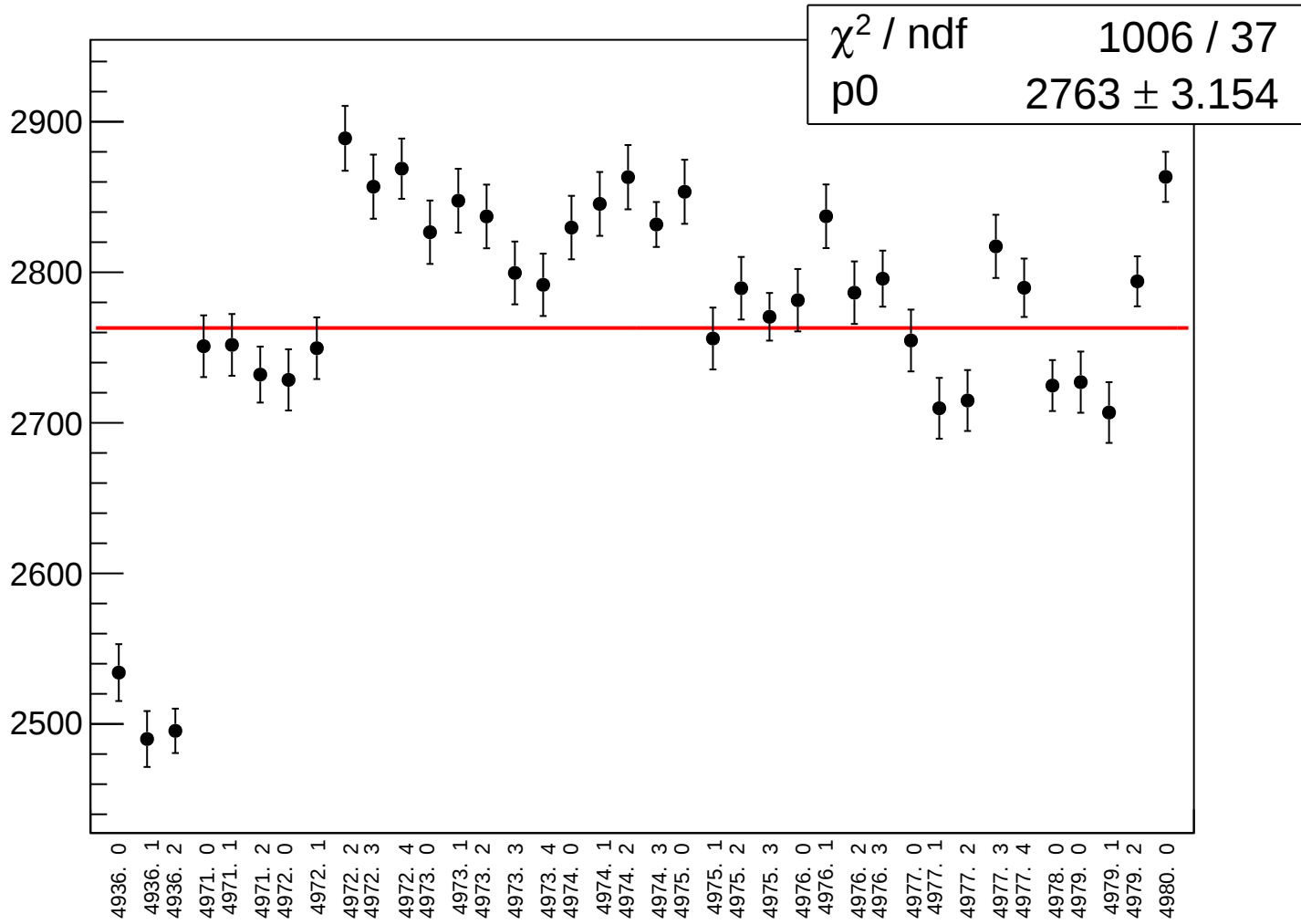
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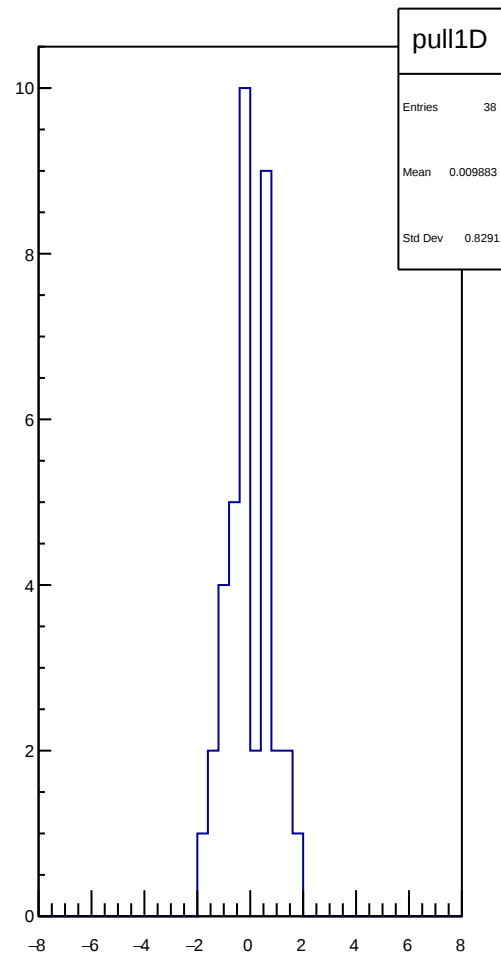
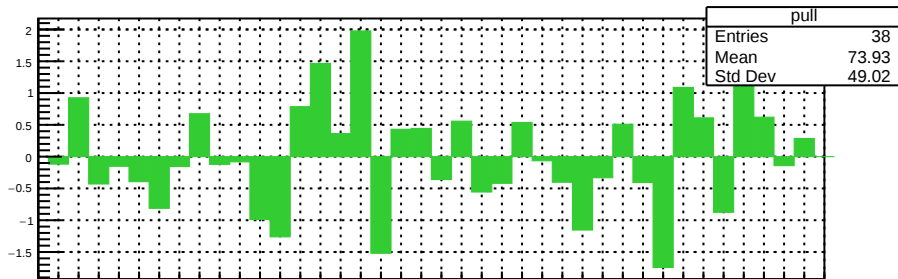
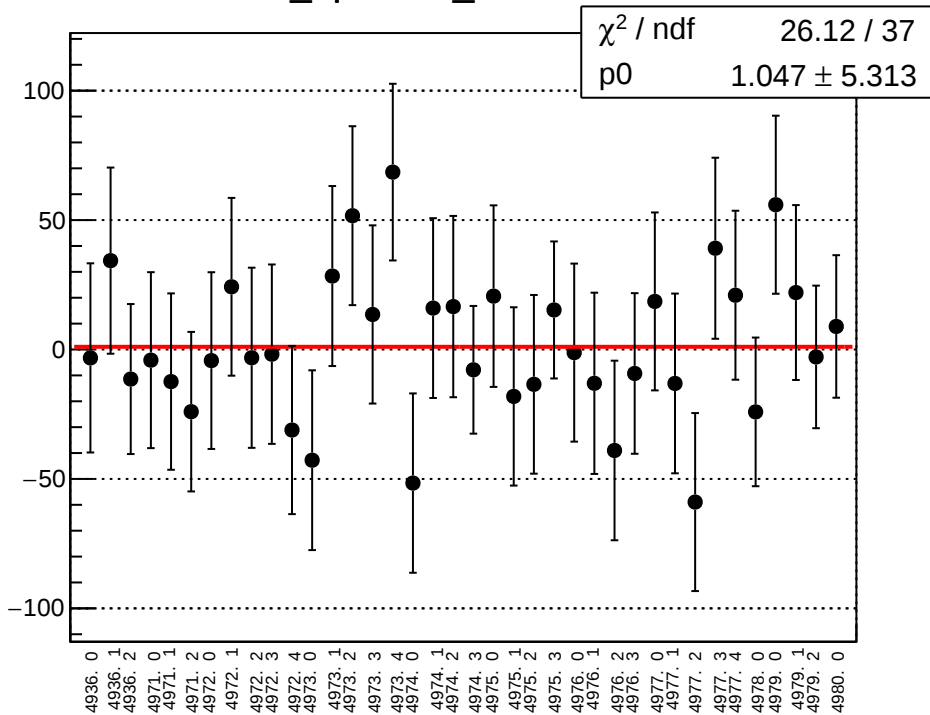
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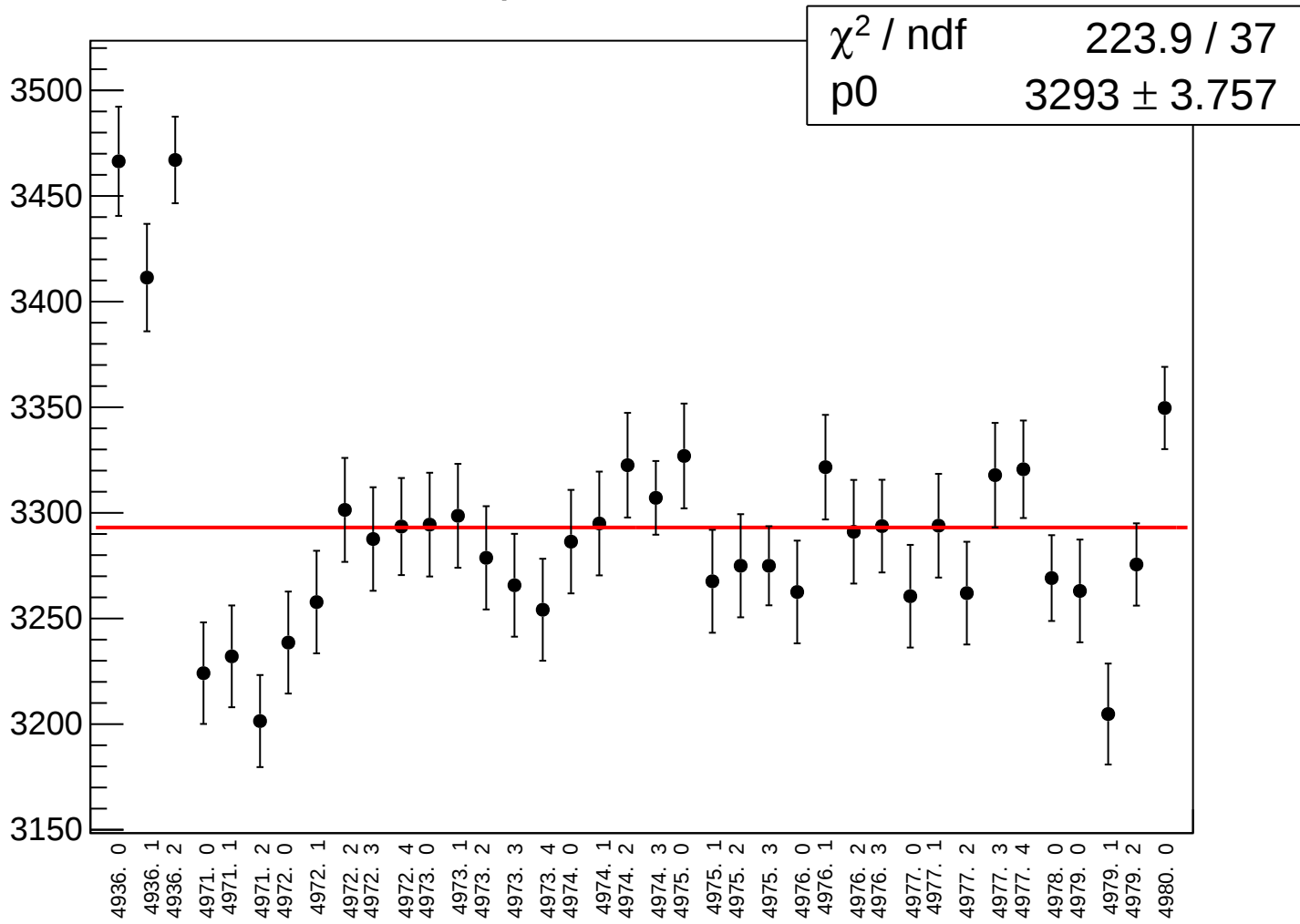
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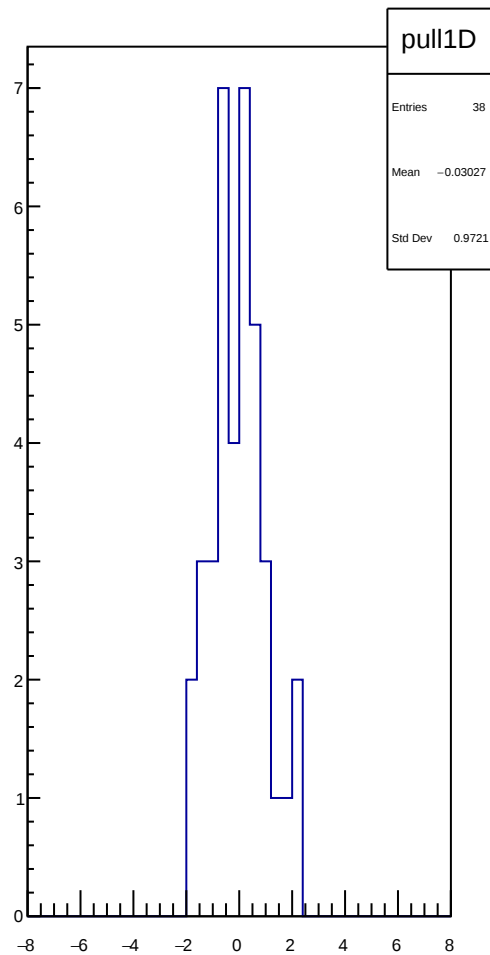
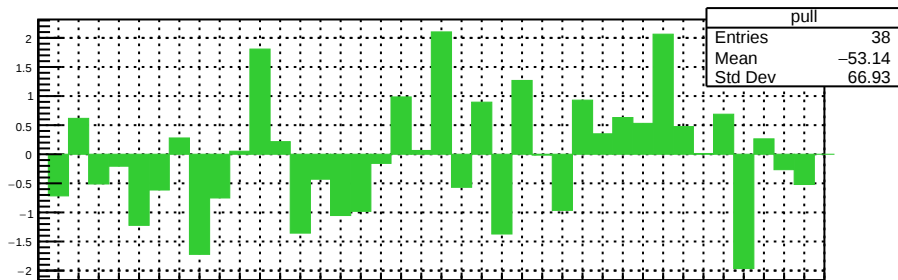
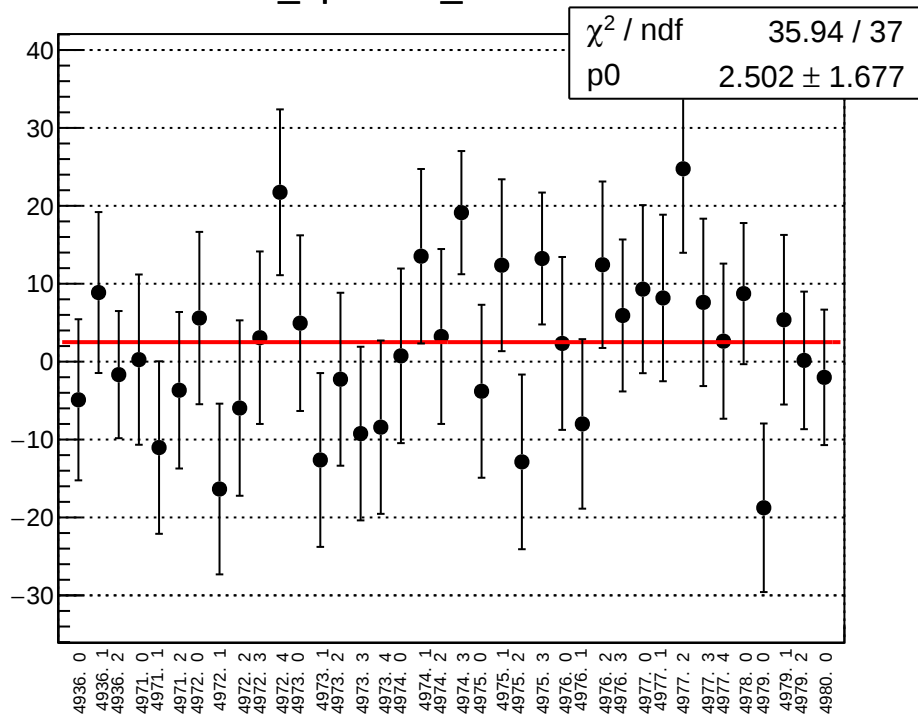
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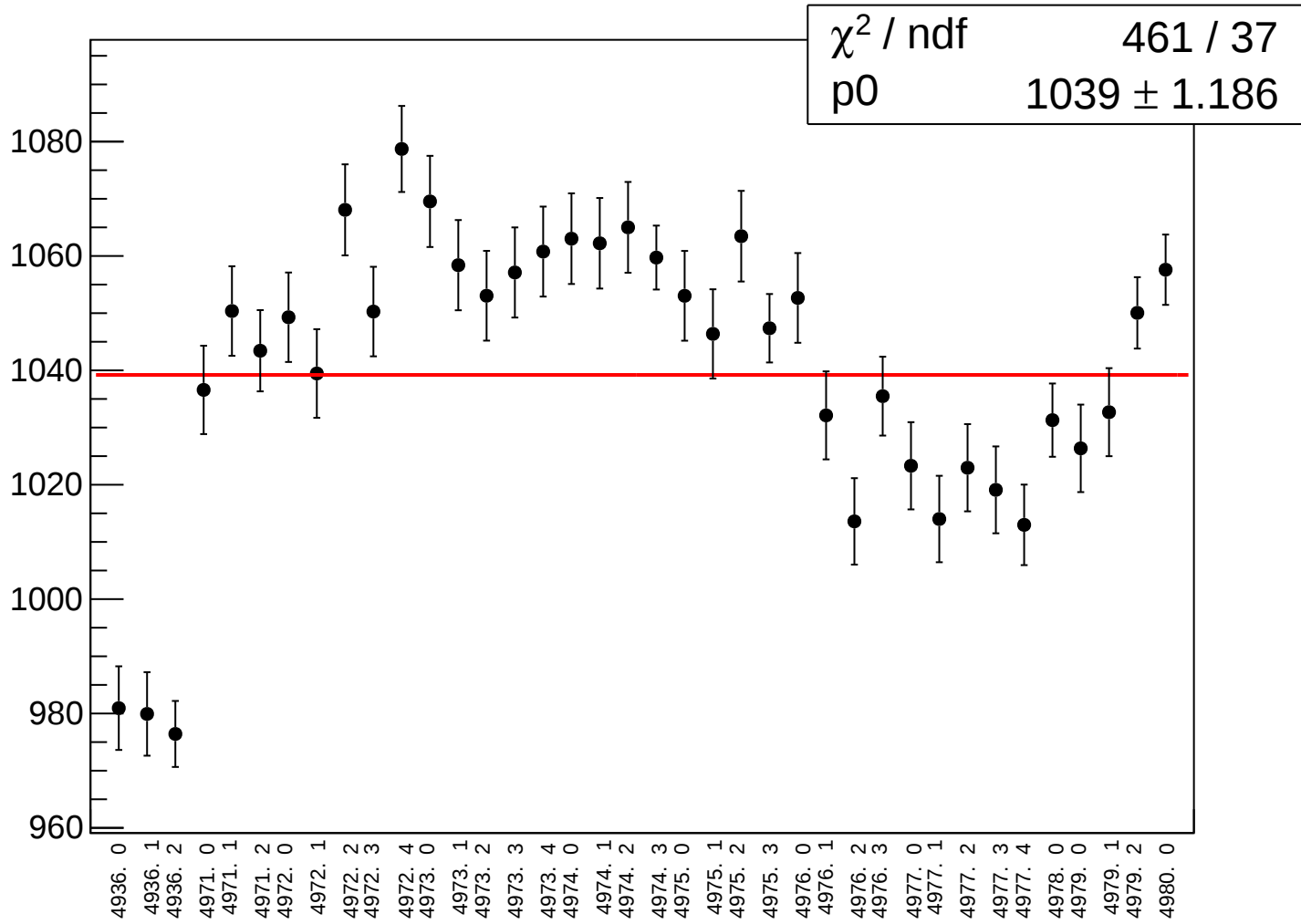
# diff\_bpm16X\_rms vs run



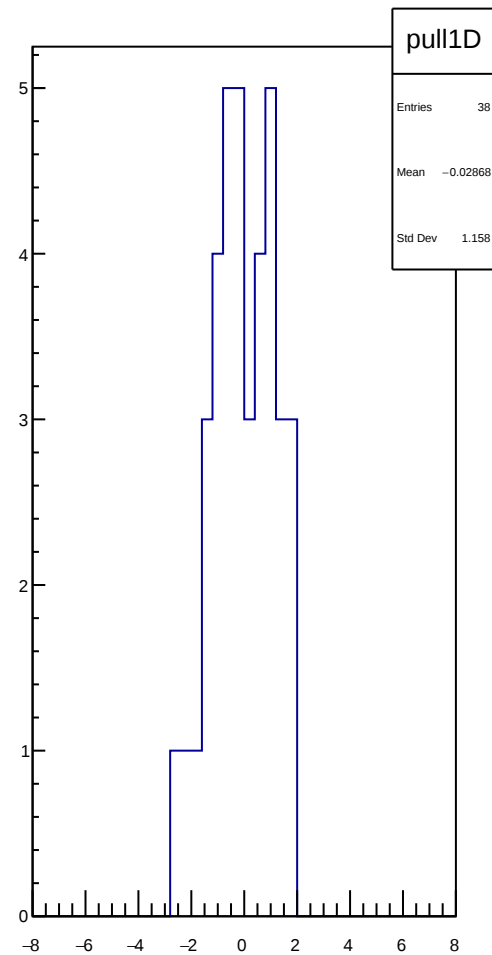
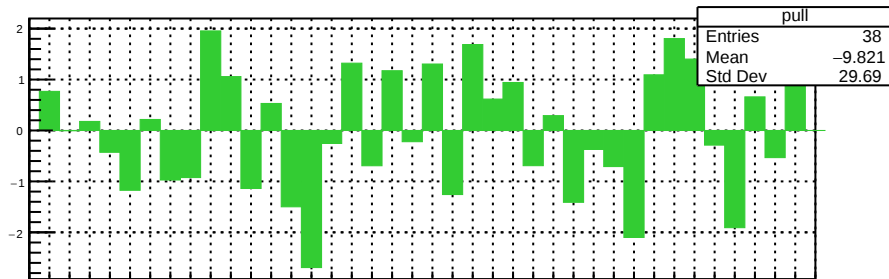
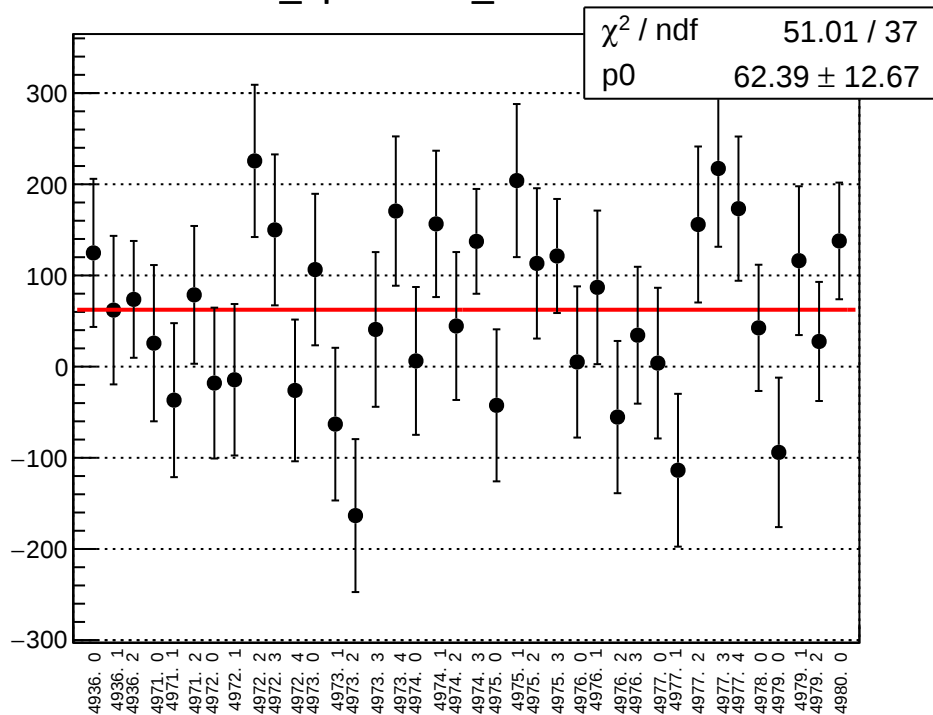
diff\_bpm16Y\_mean vs un



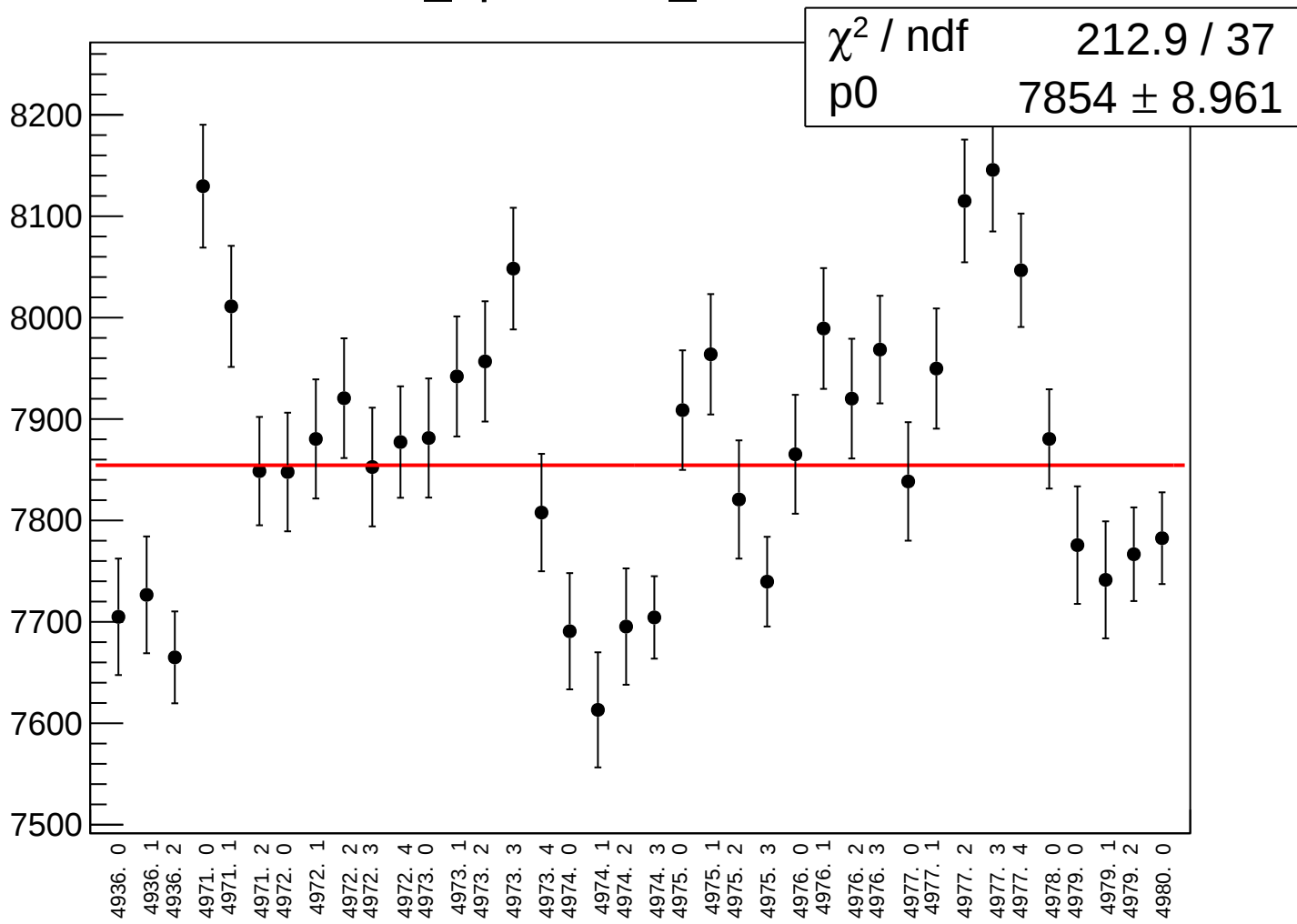
# diff\_bpm16Y\_rms vs run



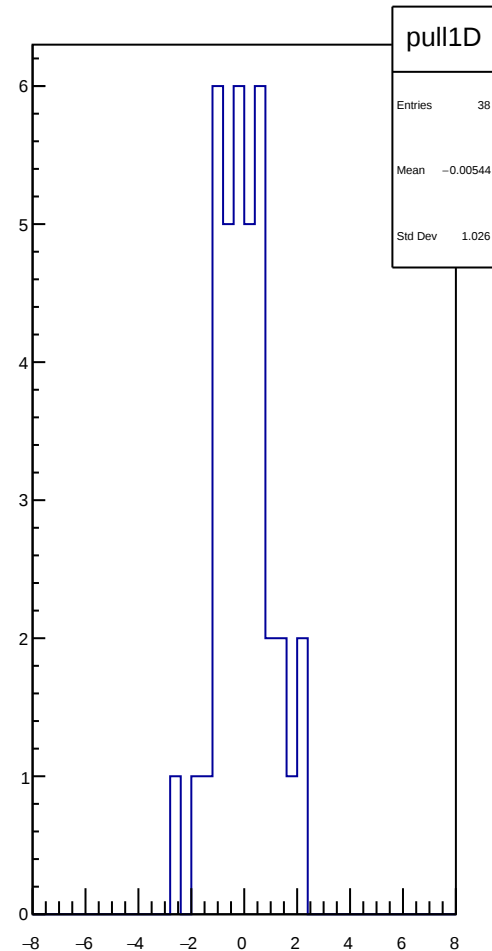
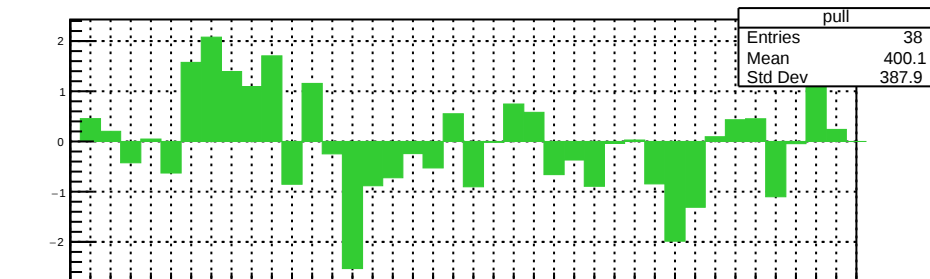
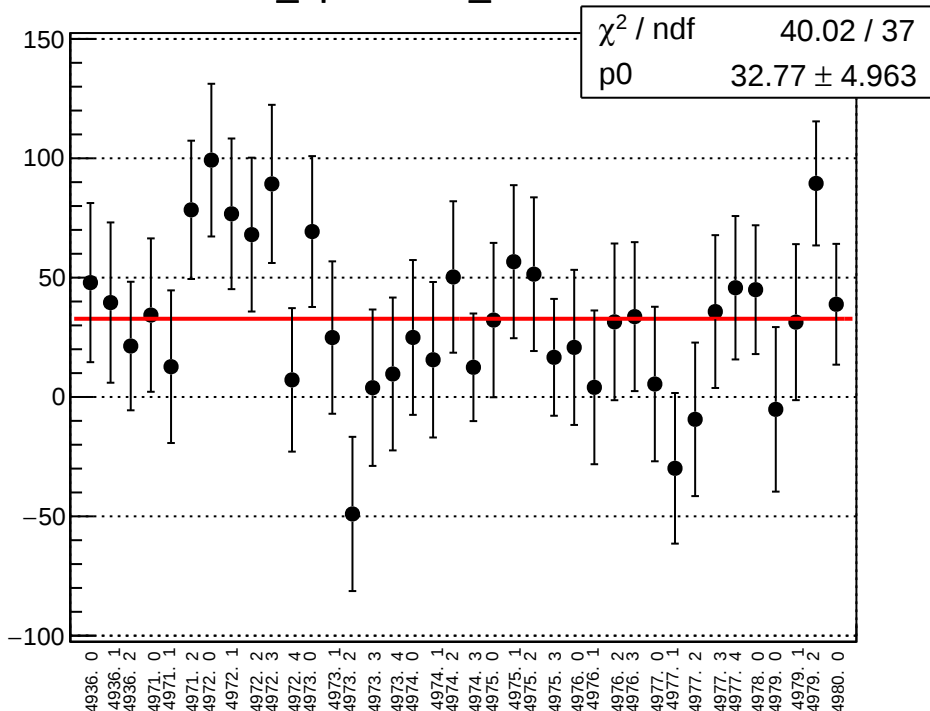
diff\_bpm0l01X\_mean vs run



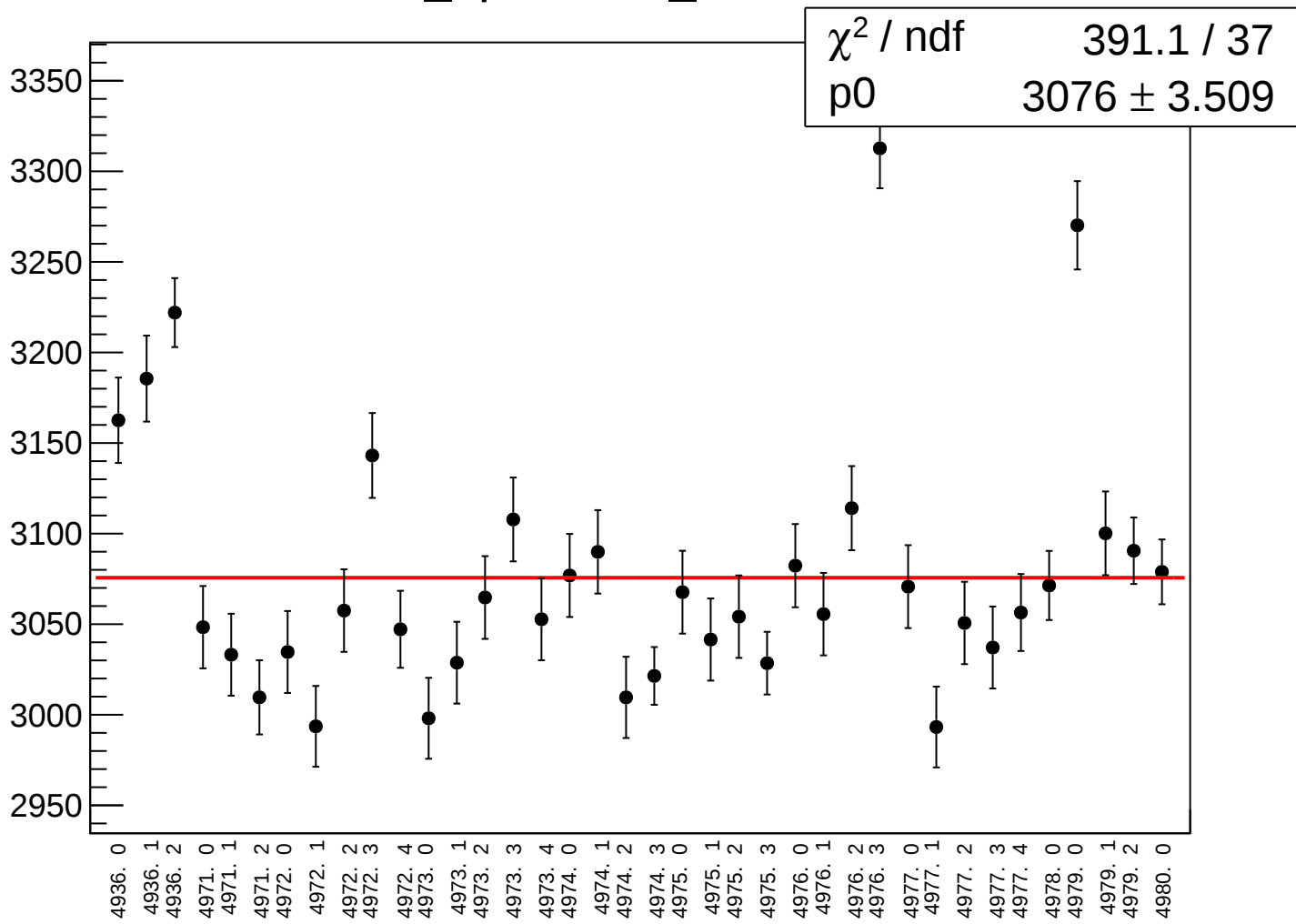
diff\_bpm0l01X\_rms vs run



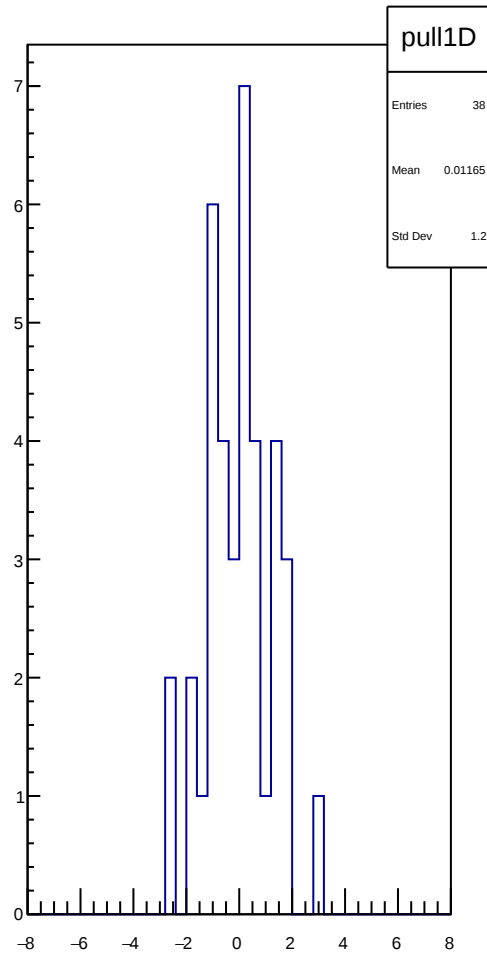
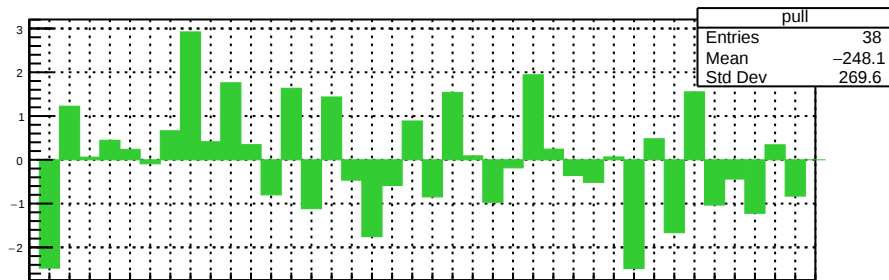
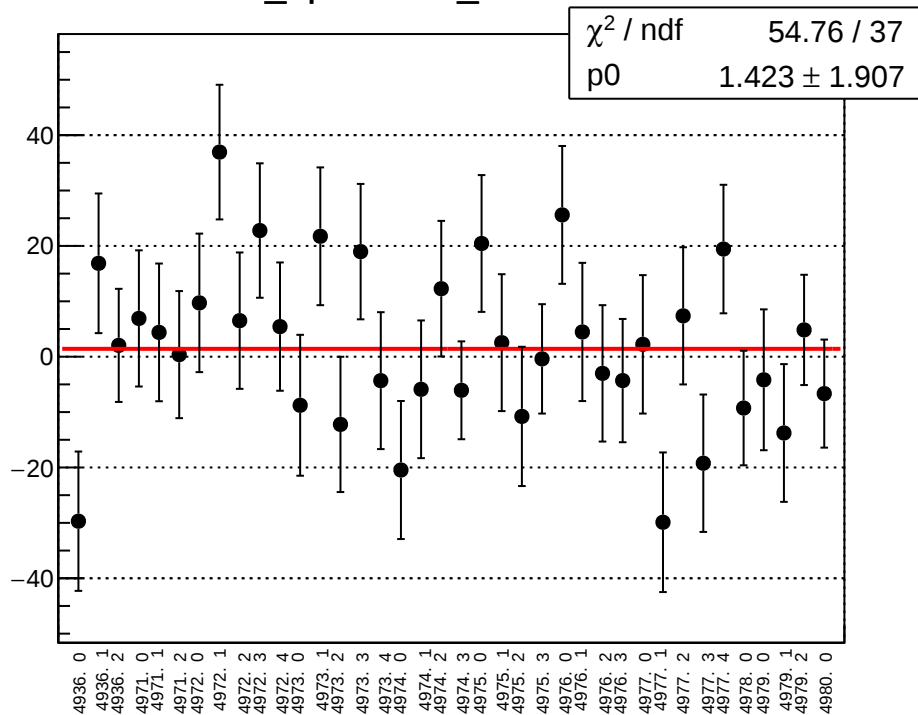
diff\_bpm0I01Y\_mean vs run



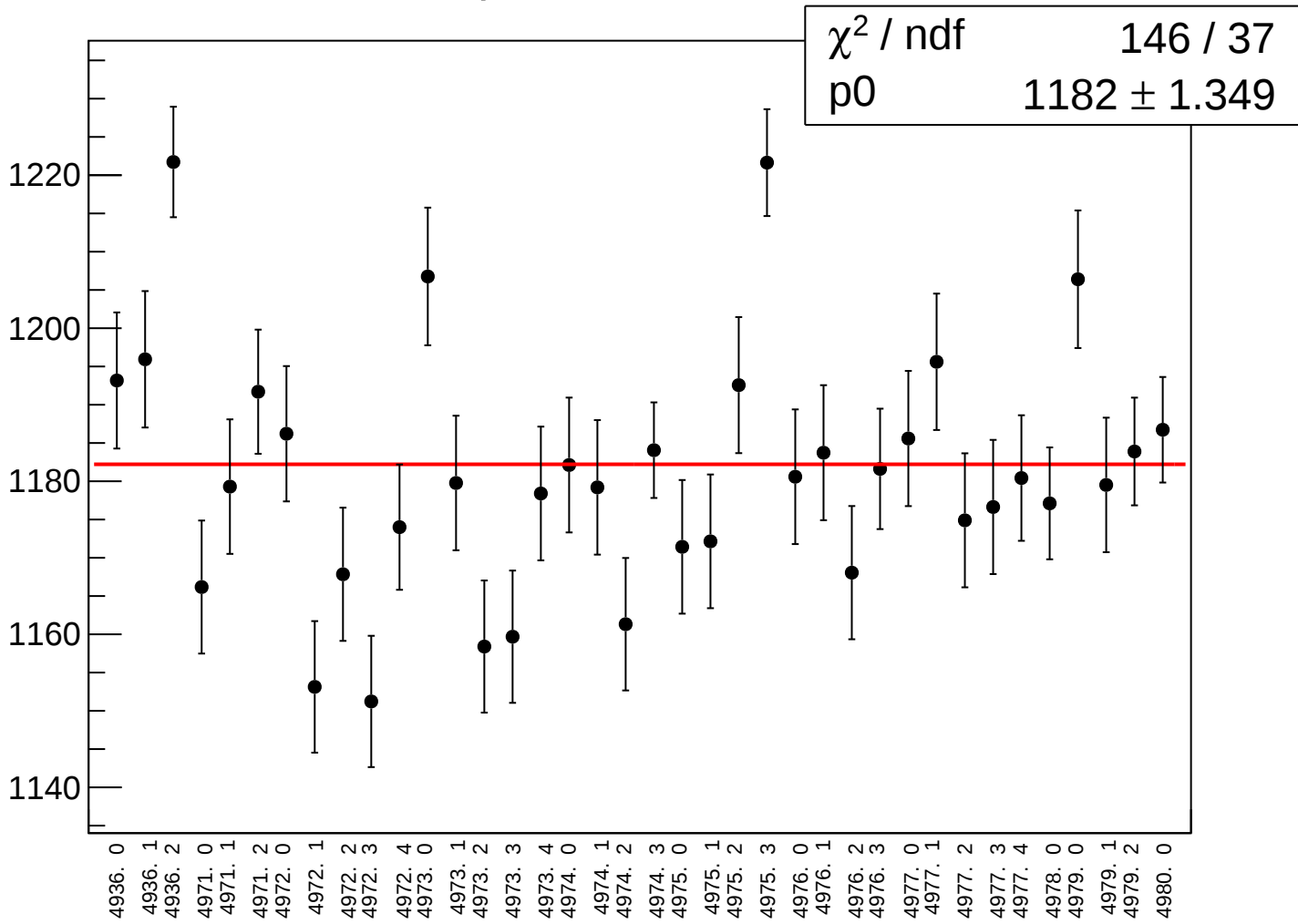
diff\_bpm0l01Y\_rms vs run



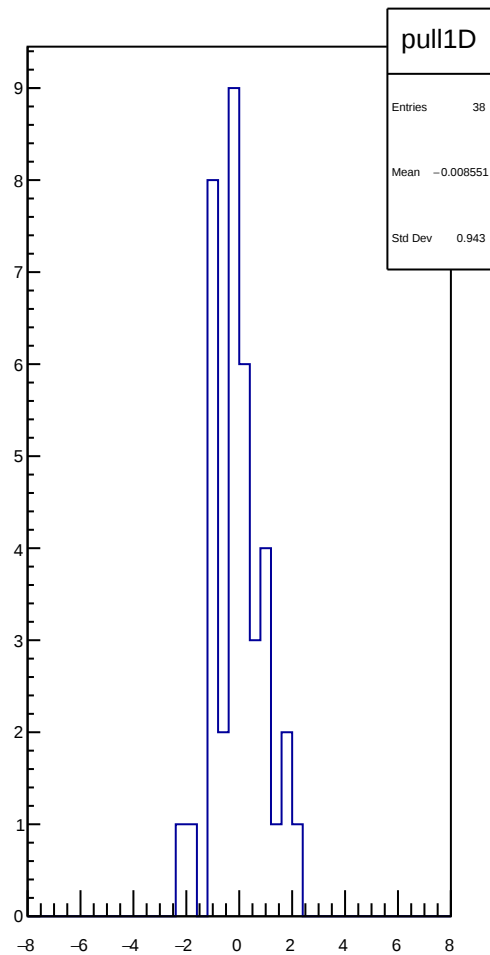
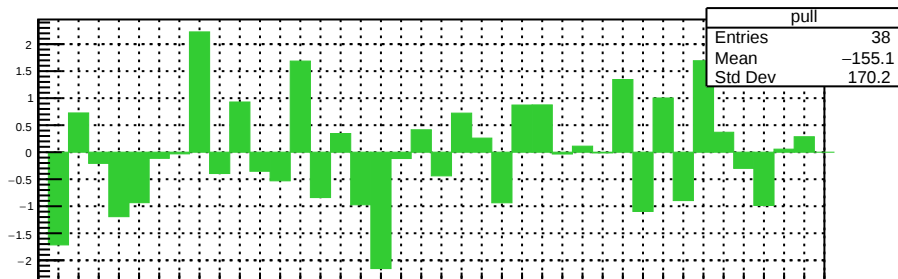
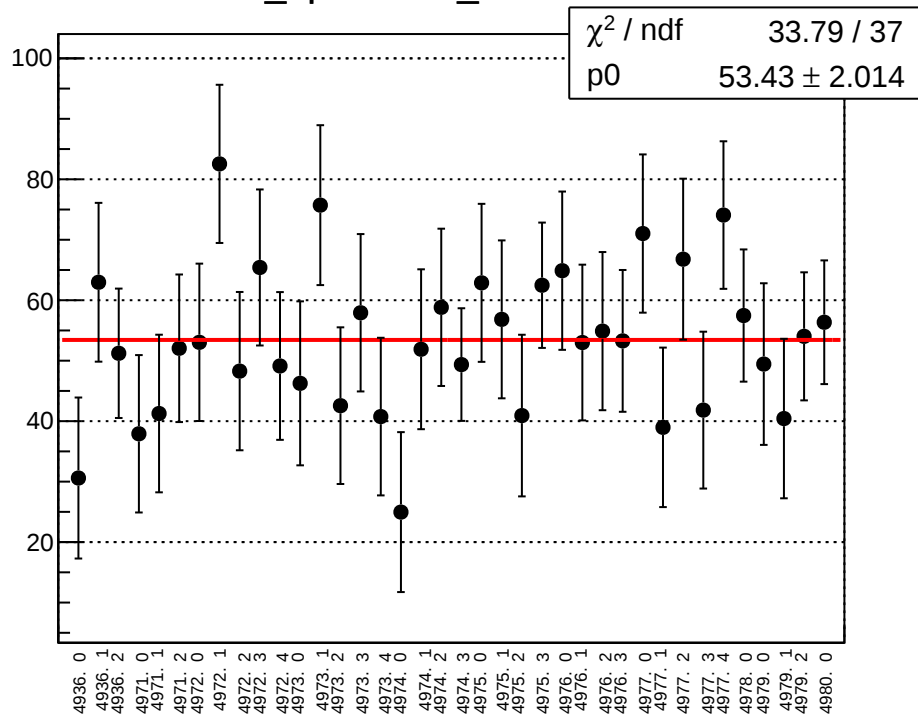
# diff\_bpm2i01X\_mean vs run



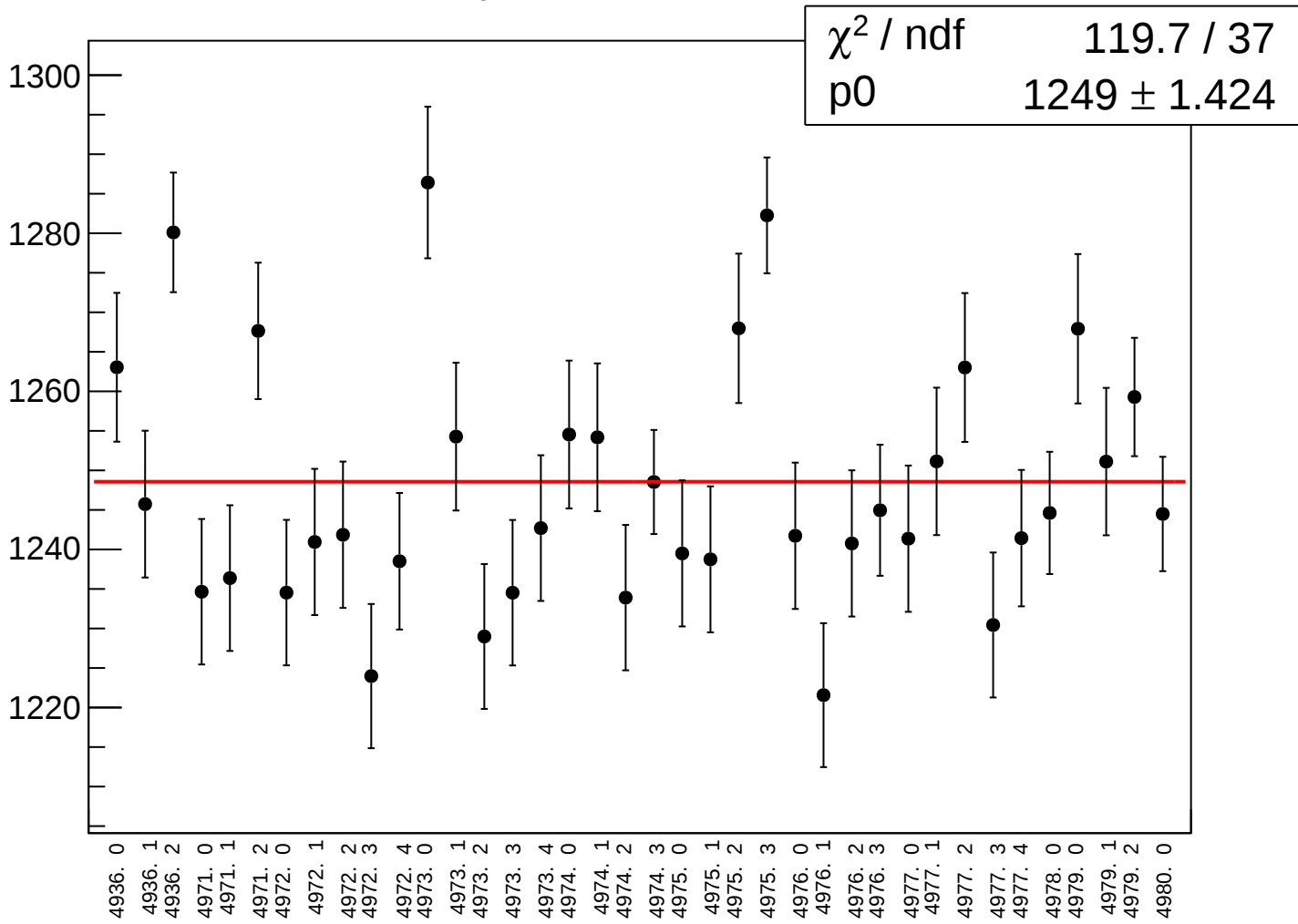
# diff\_bpm2i01X\_rms vs run



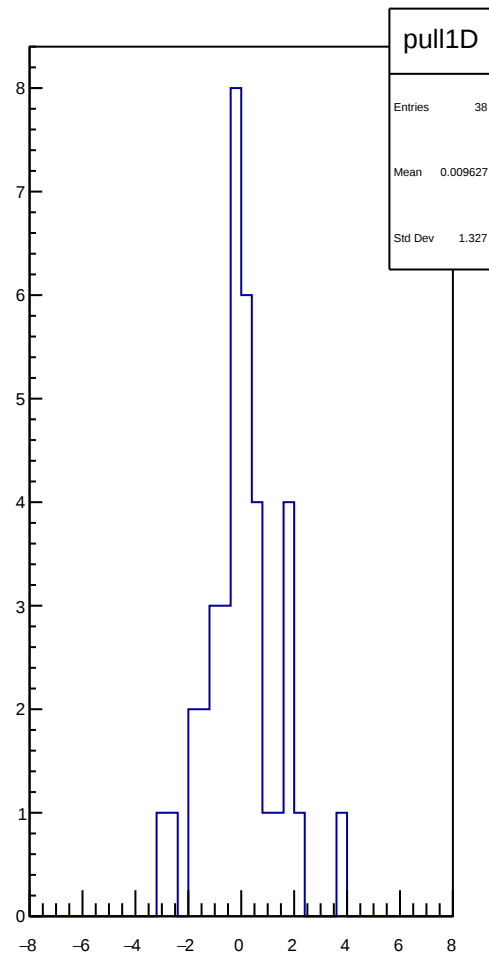
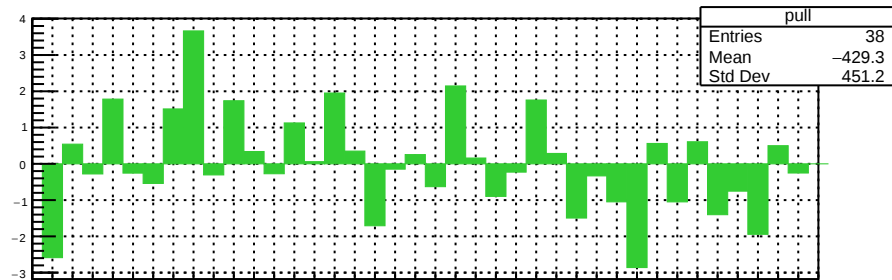
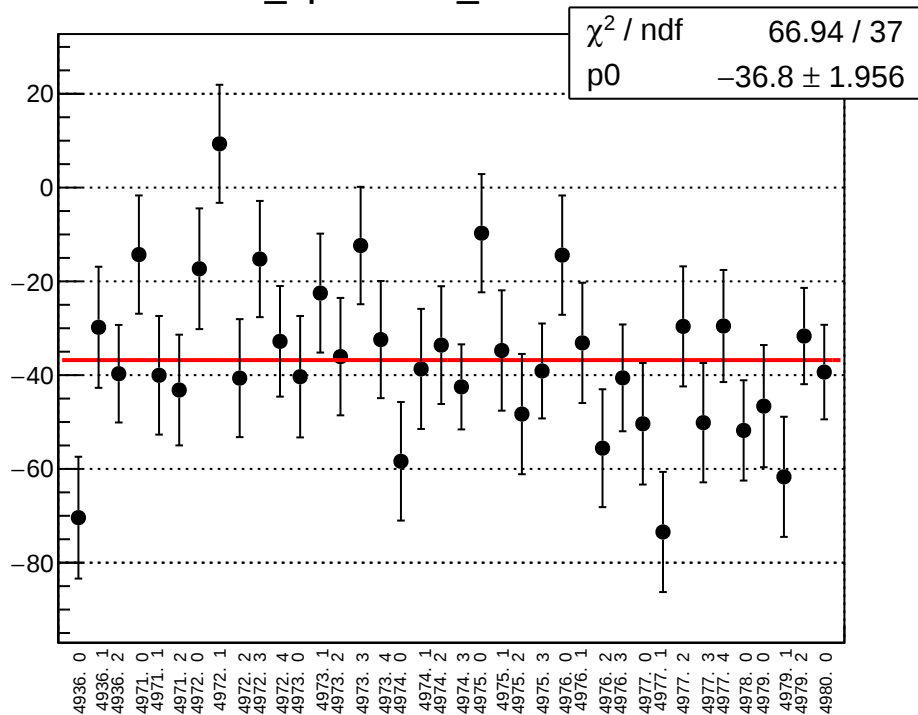
# diff\_bpm2i01Y\_mean vs run



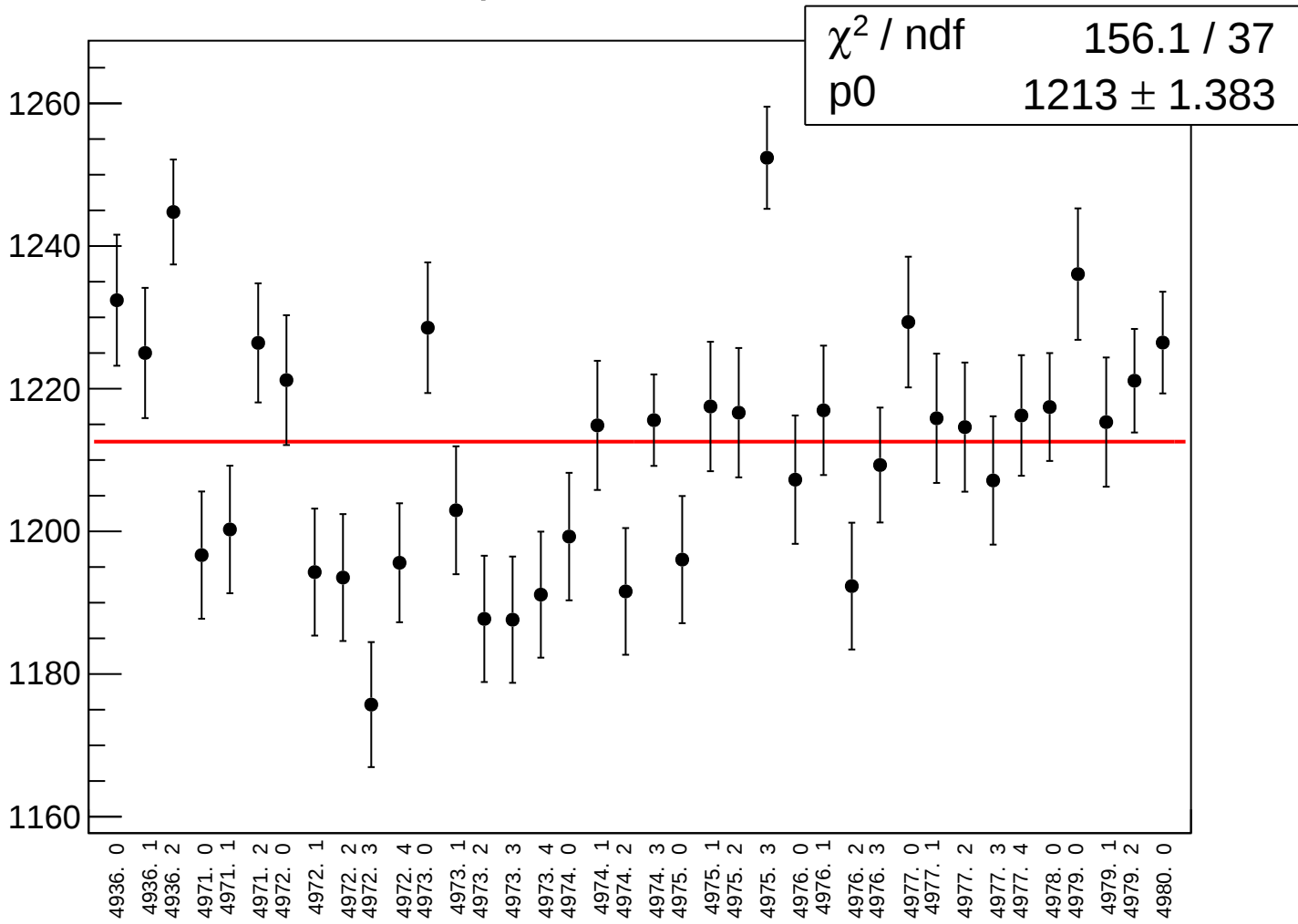
# diff\_bpm2i01Y\_rms vs run



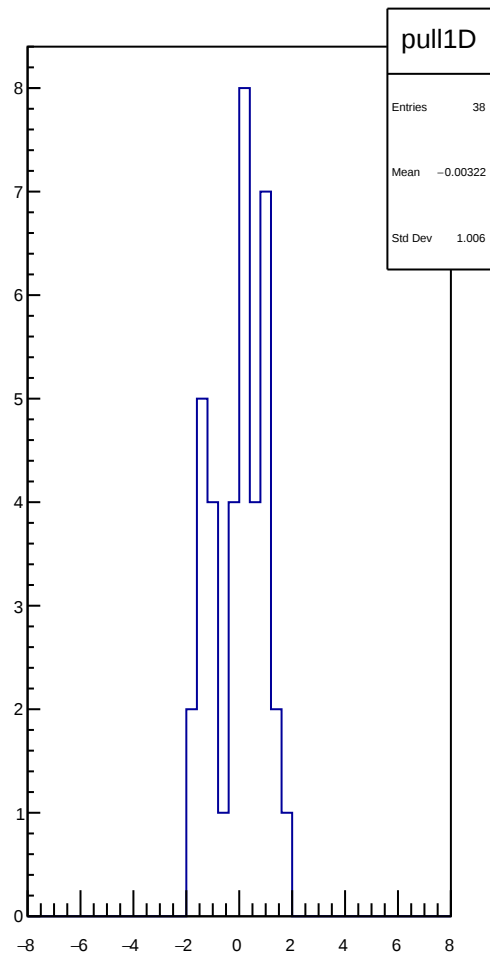
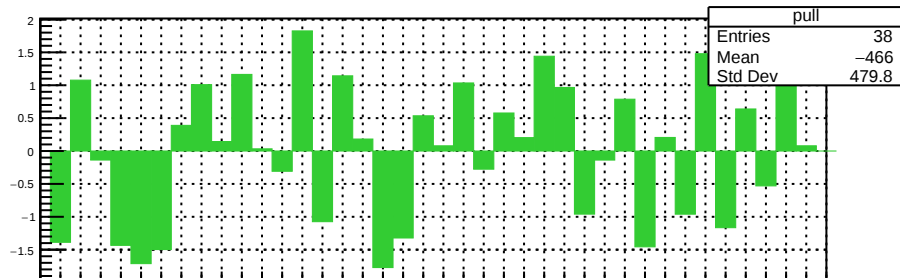
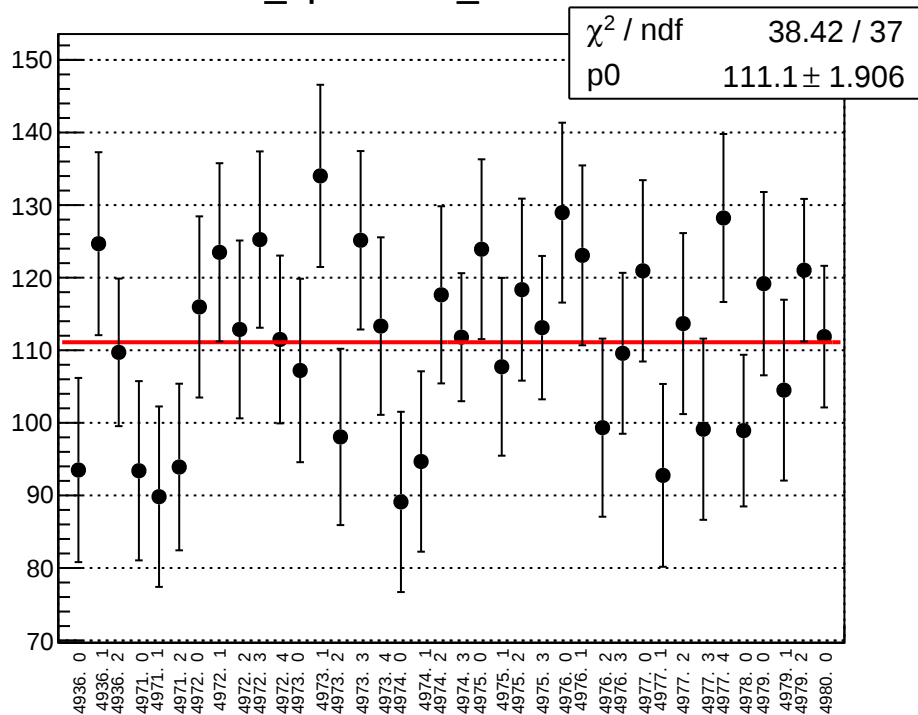
# diff\_bpm2i02X\_mean vs run



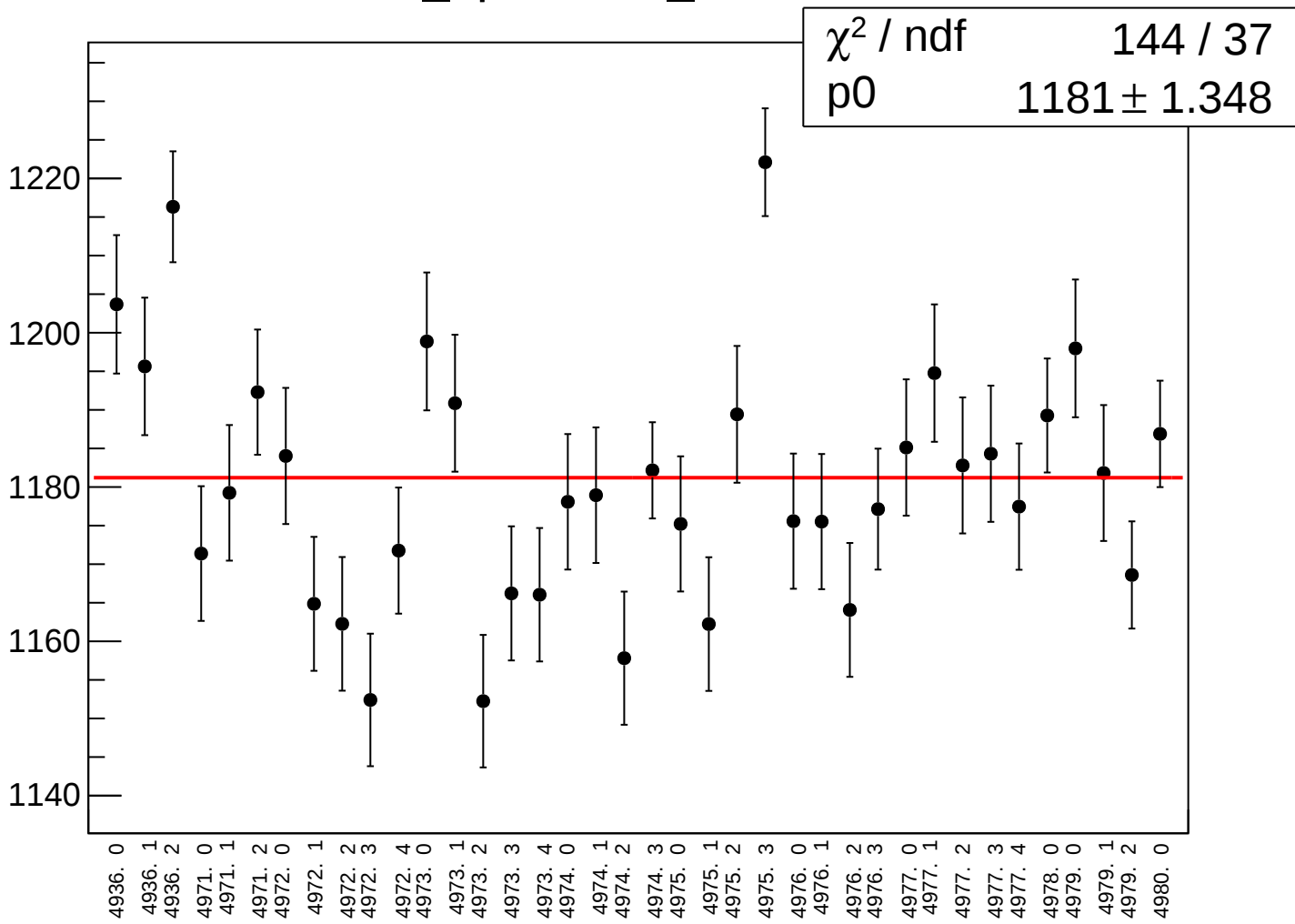
# diff\_bpm2i02X\_rms vs run



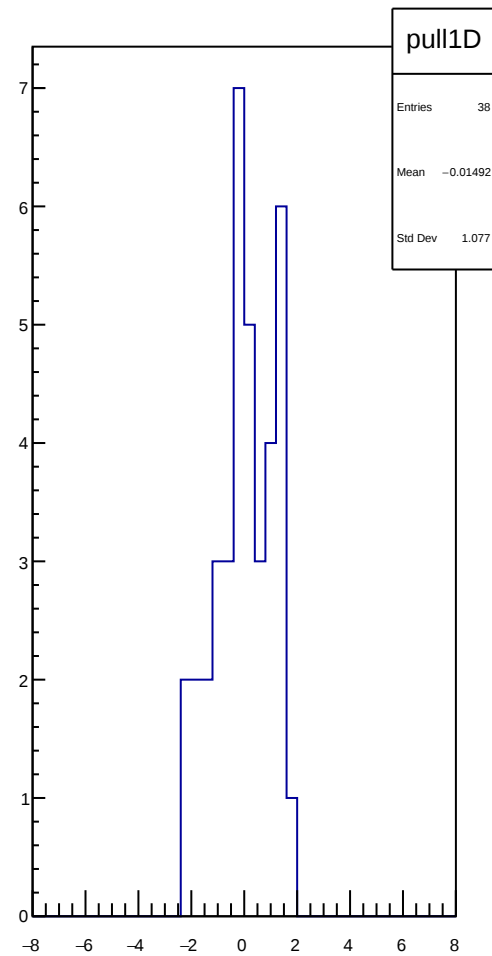
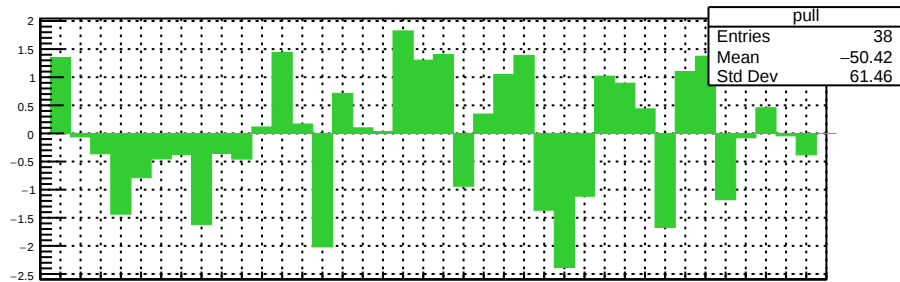
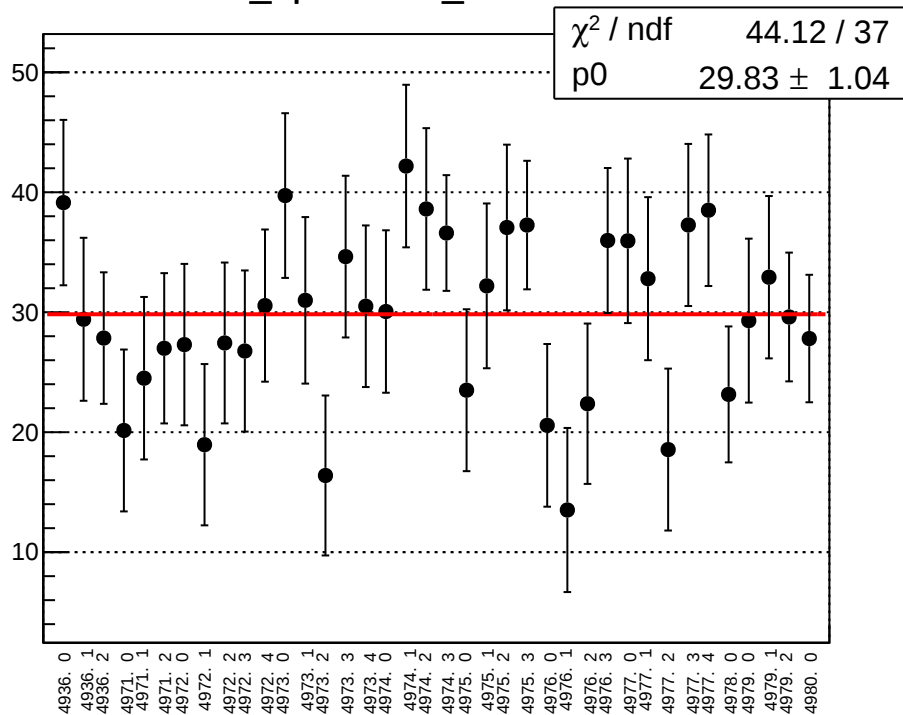
diff\_bpm2i02Y\_mean vs run



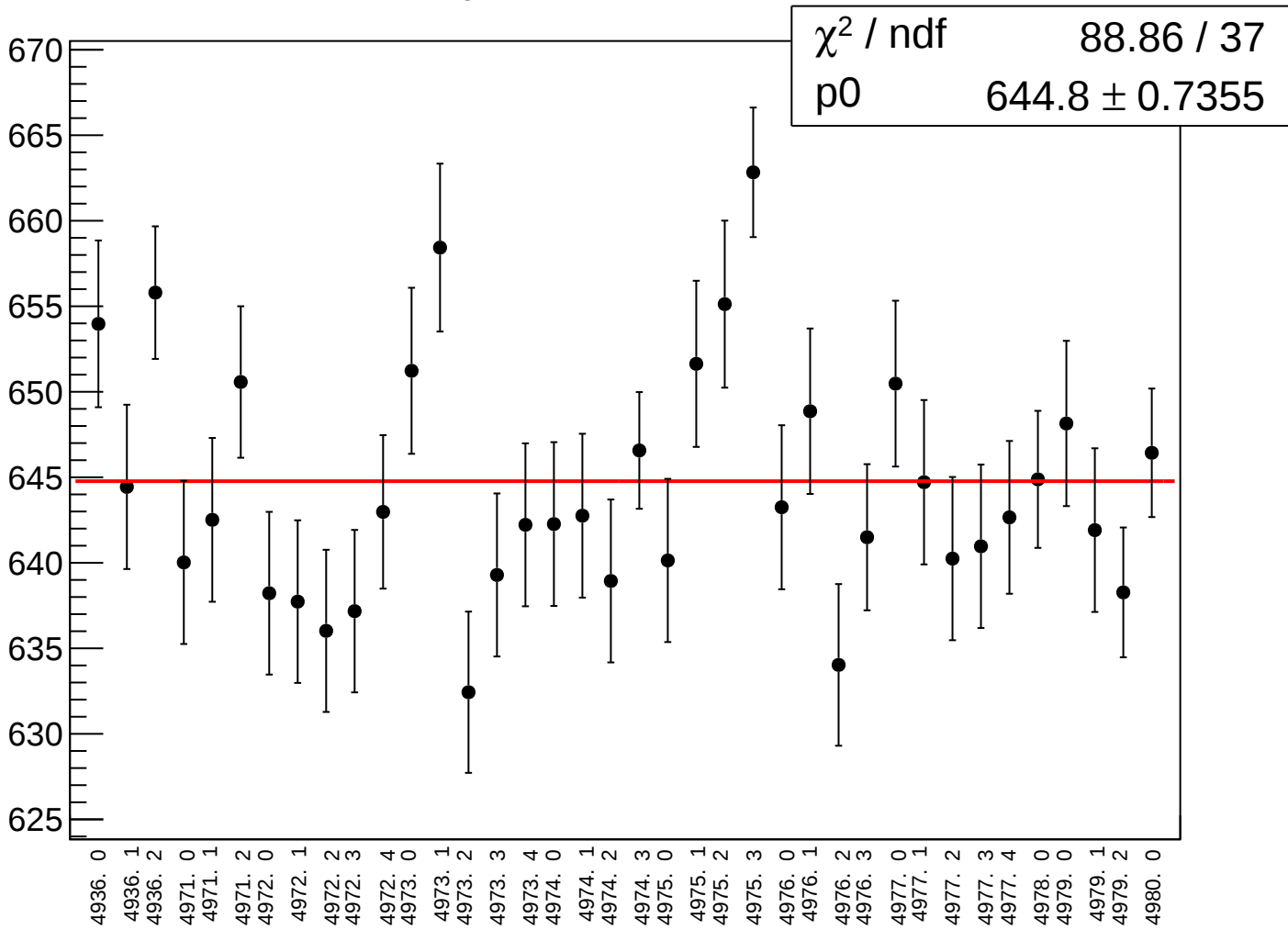
diff\_bpm2i02Y\_rms vs run



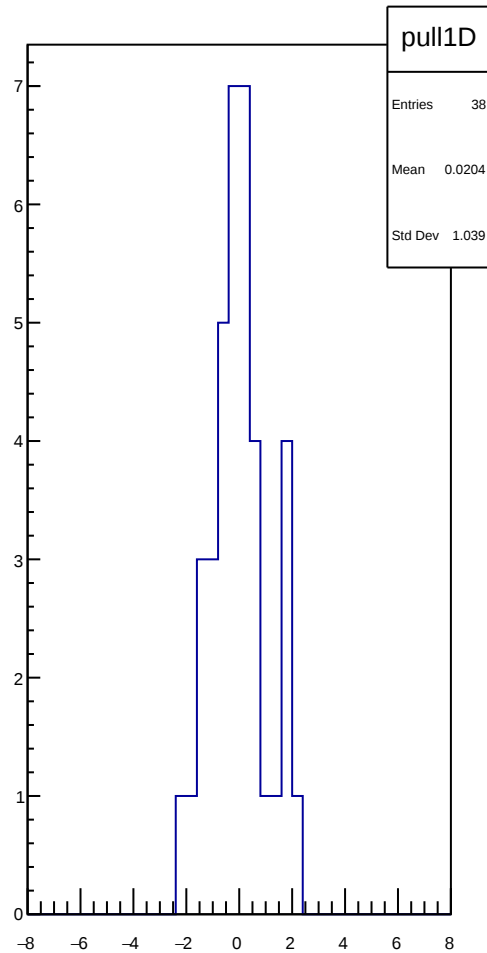
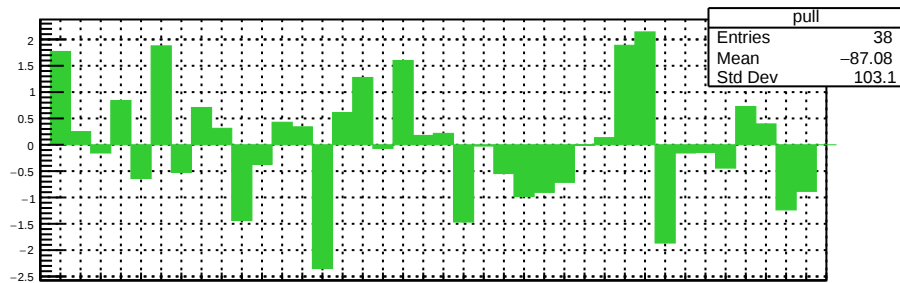
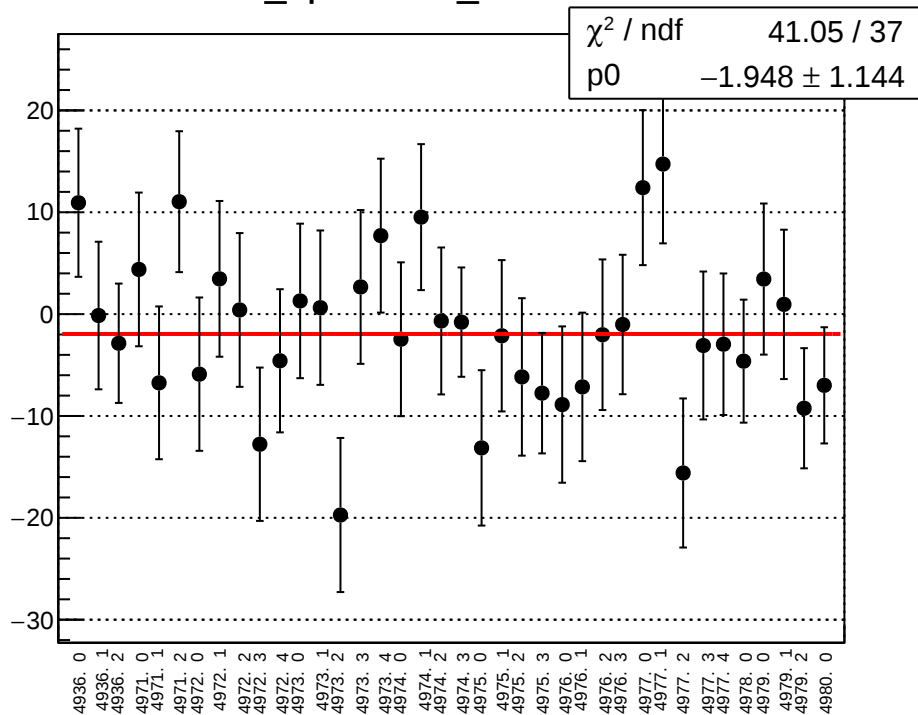
diff\_bpm1i04X\_mean vs run



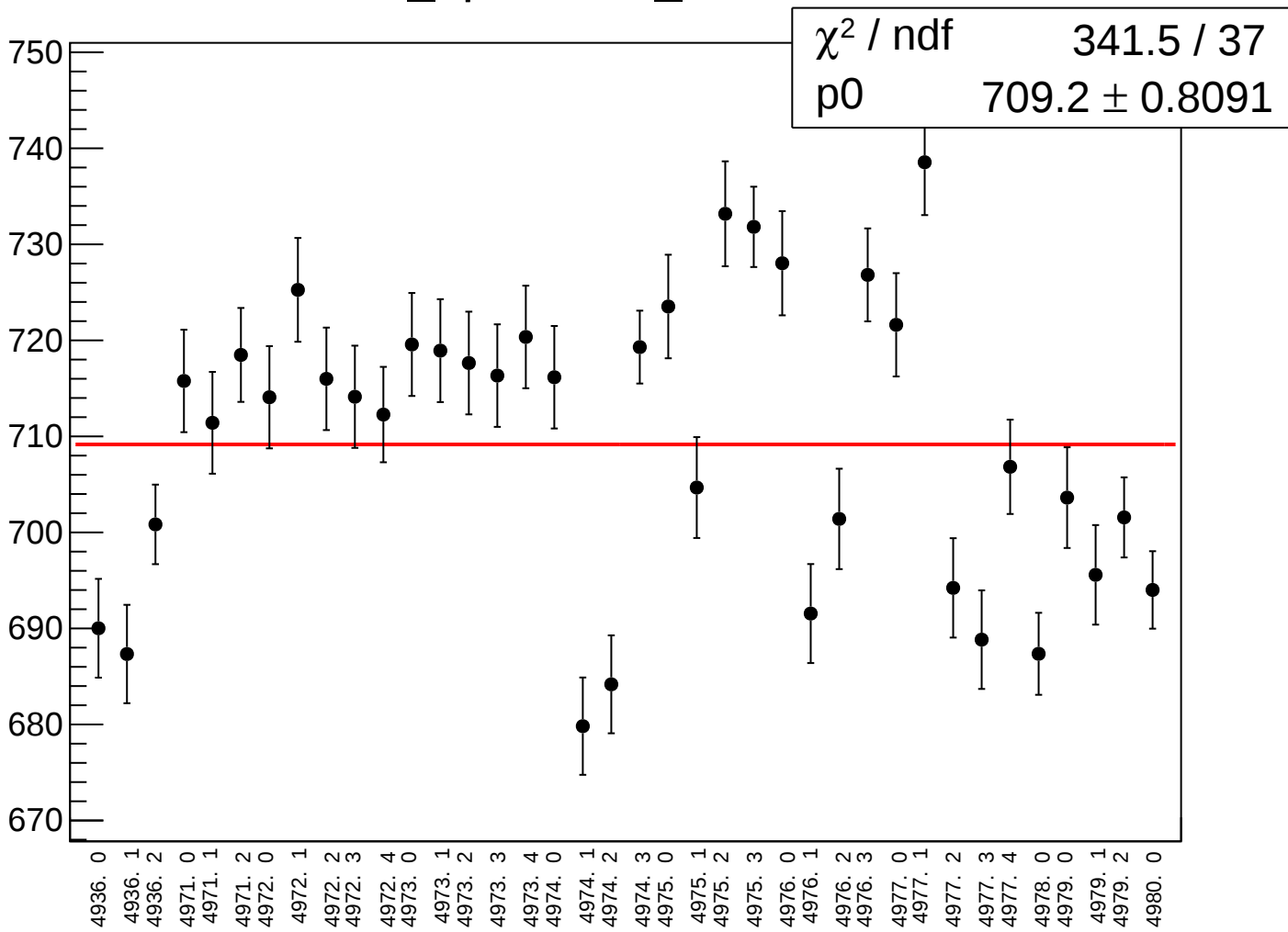
# diff\_bpm1i04X\_rms vs run



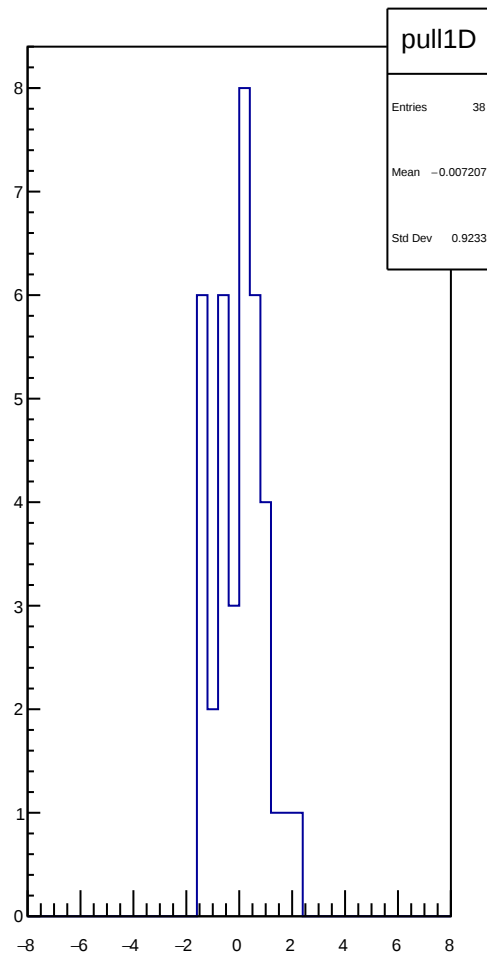
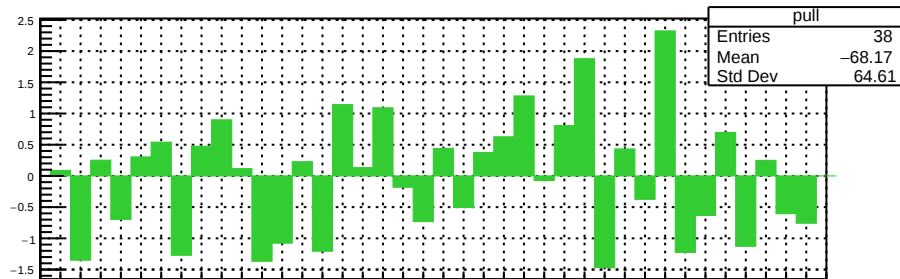
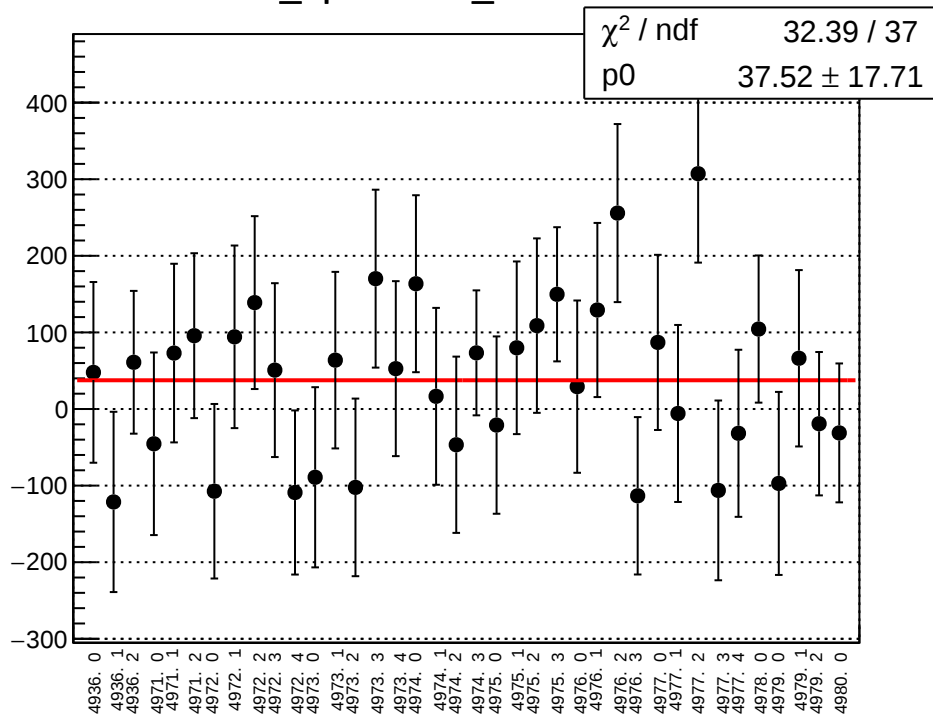
# diff\_bpm1i04Y\_mean vs run



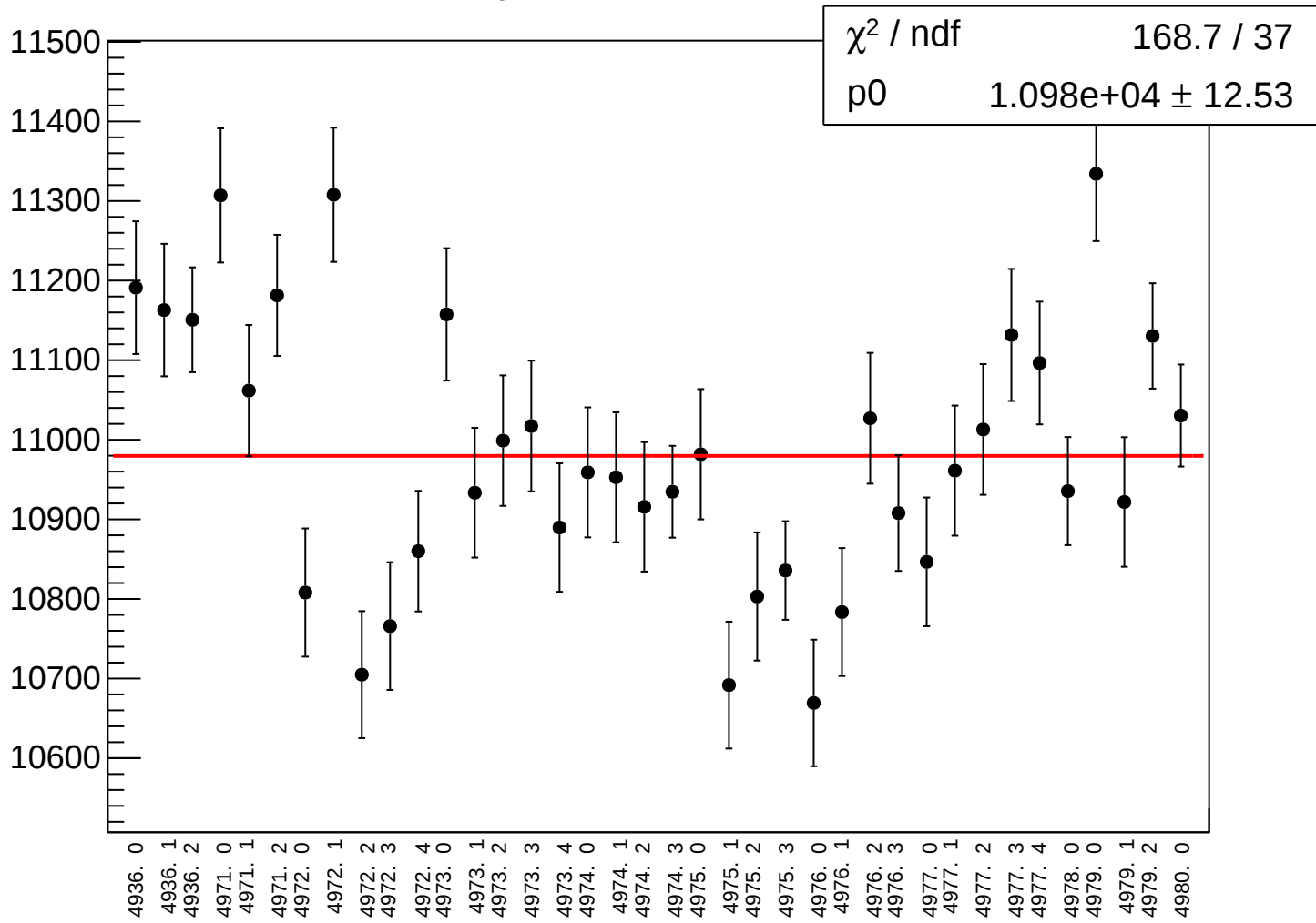
diff\_bpm1i04Y\_rms vs run



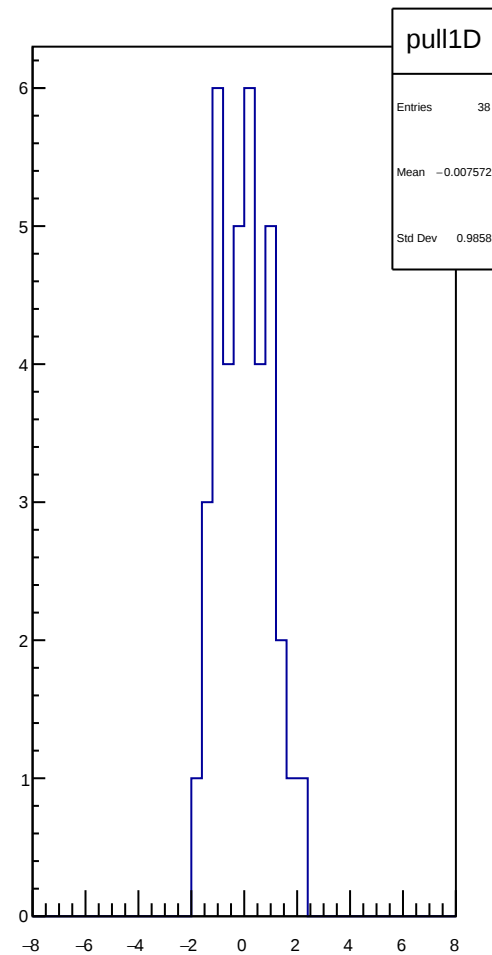
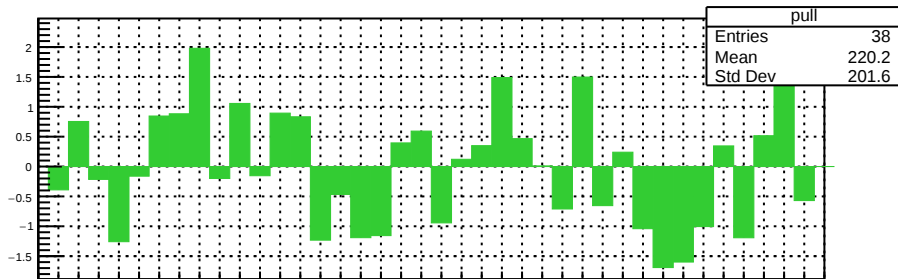
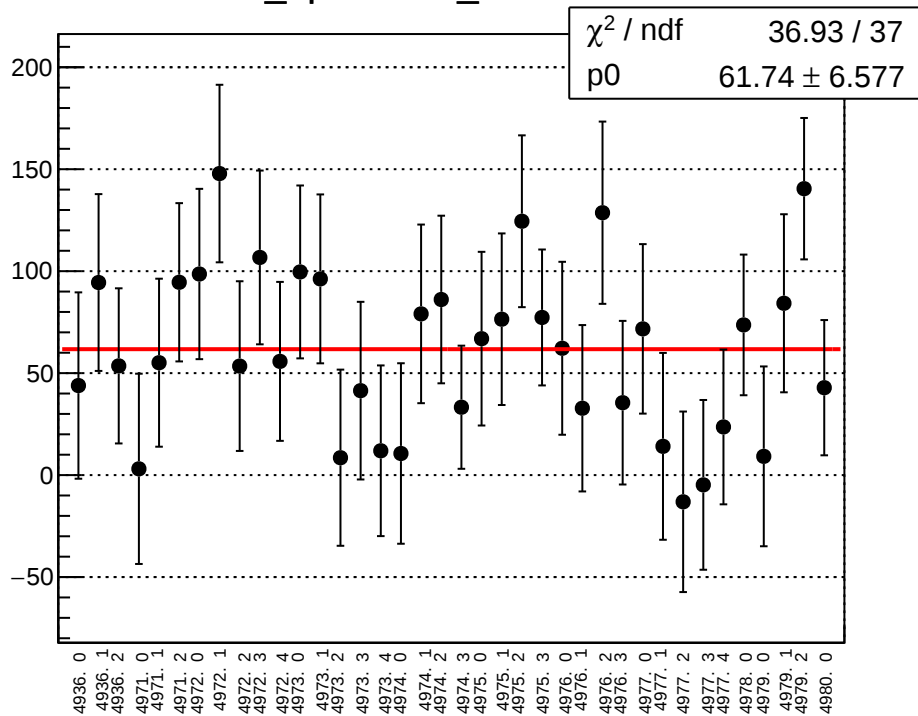
# diff\_bpm0l02X\_mean vs run



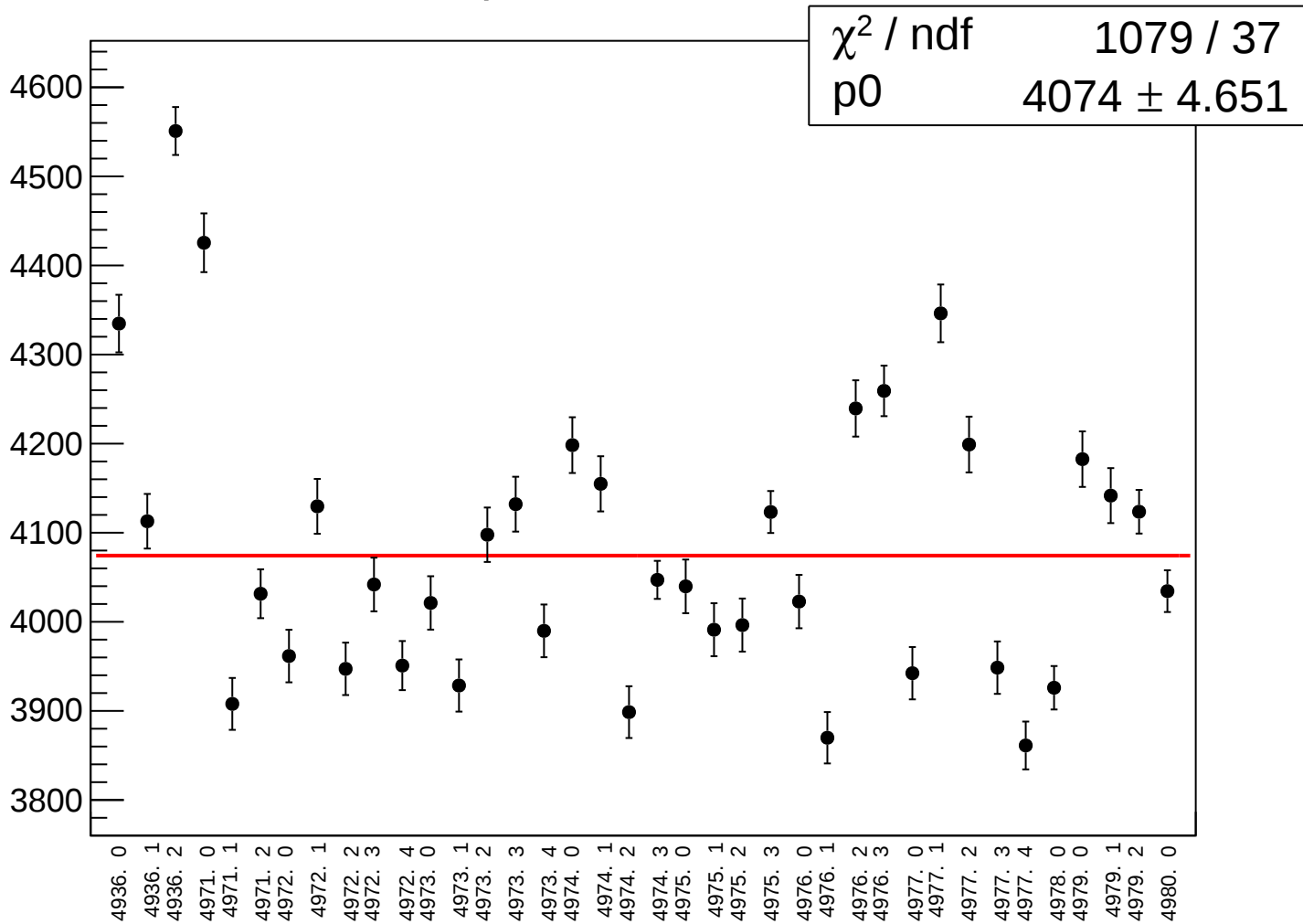
diff\_bpm0l02X\_rms vs run



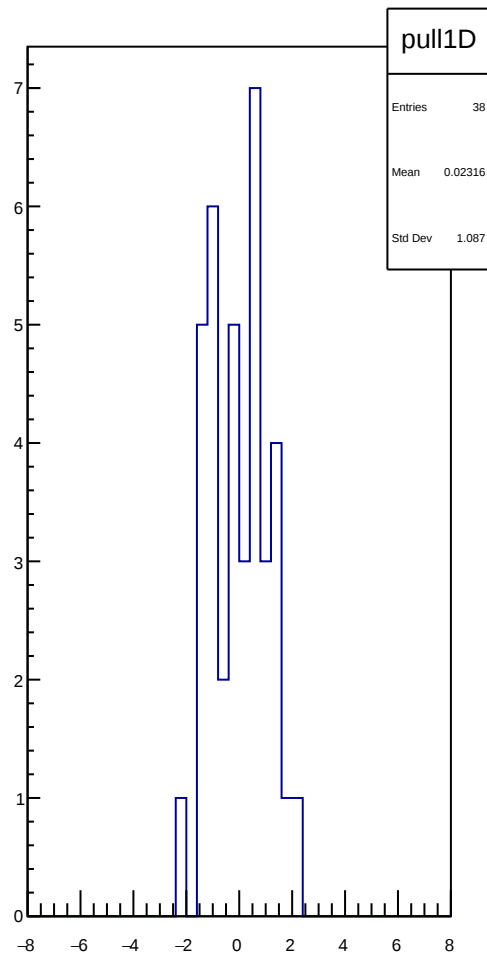
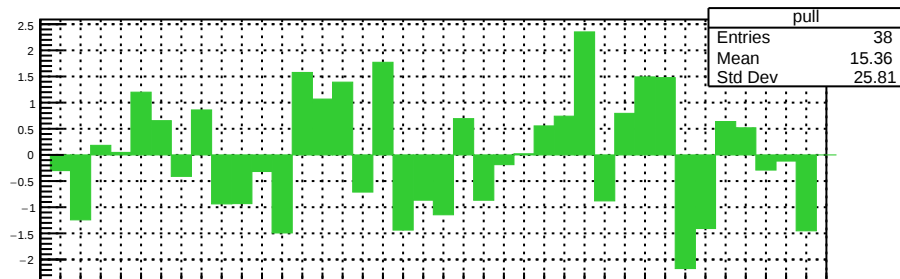
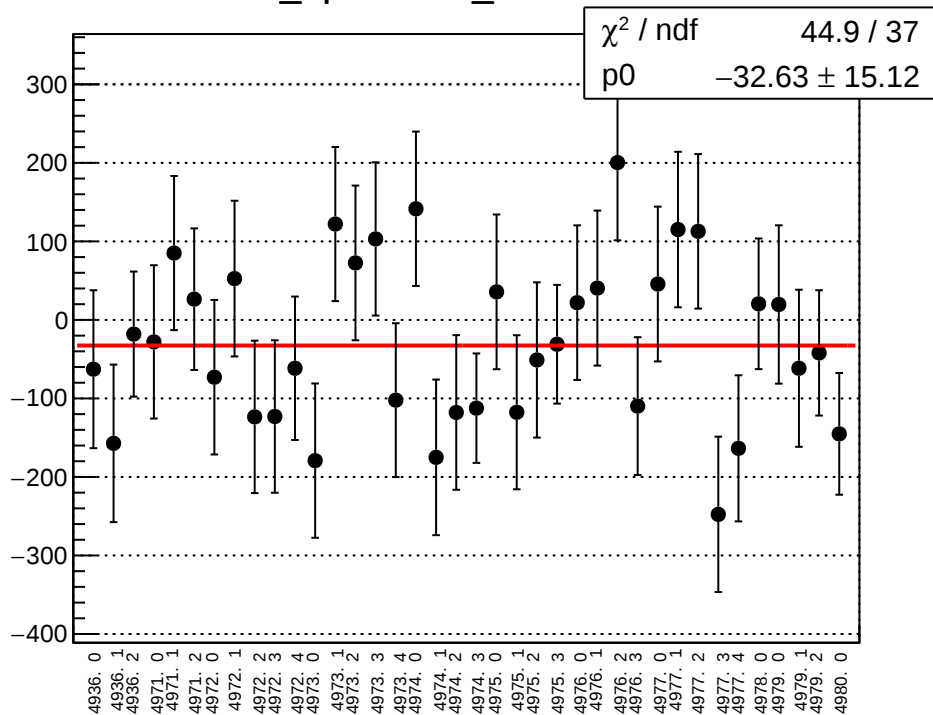
diff\_bpm0I02Y\_mean vs run



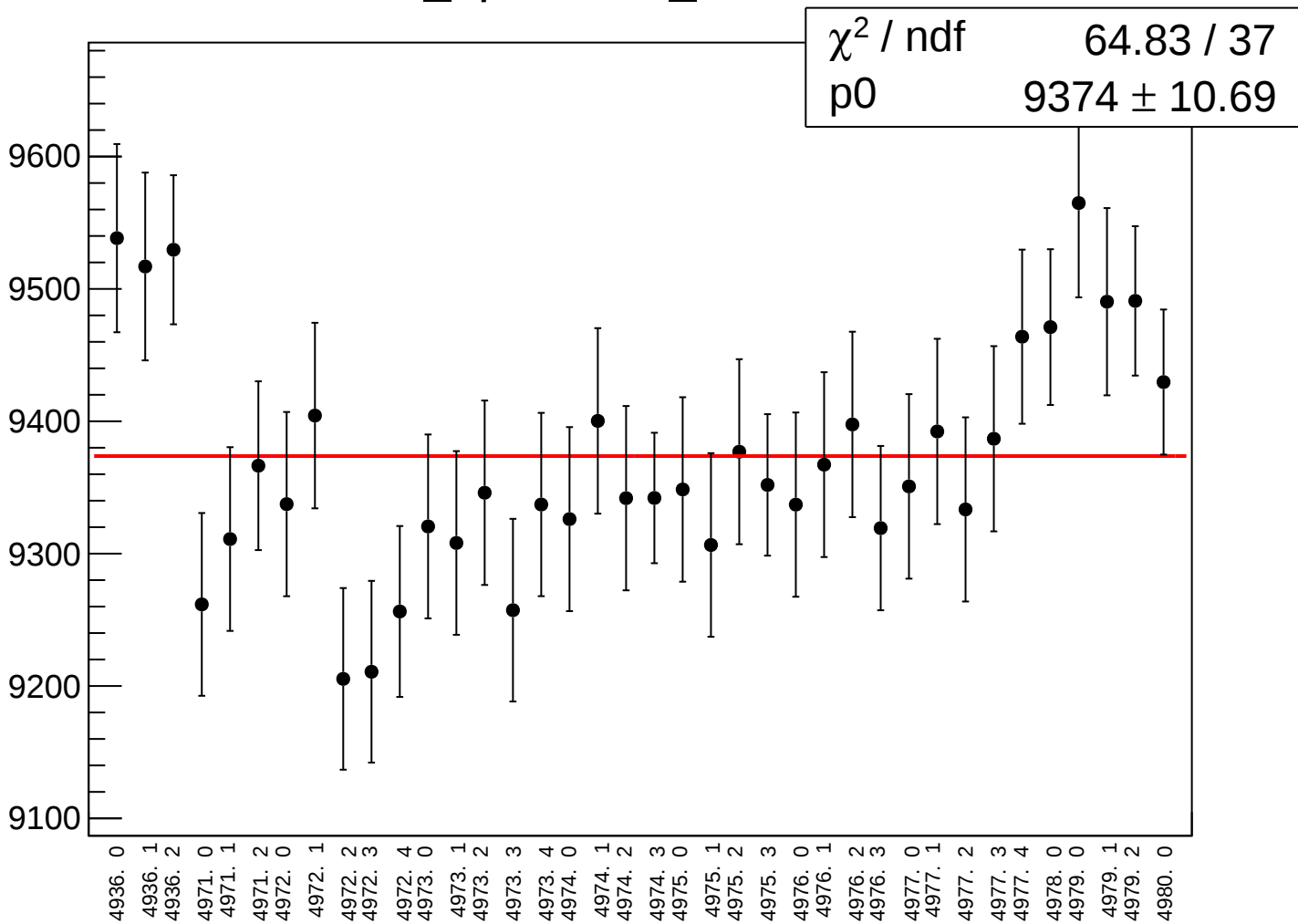
# diff\_bpm0l02Y\_rms vs run



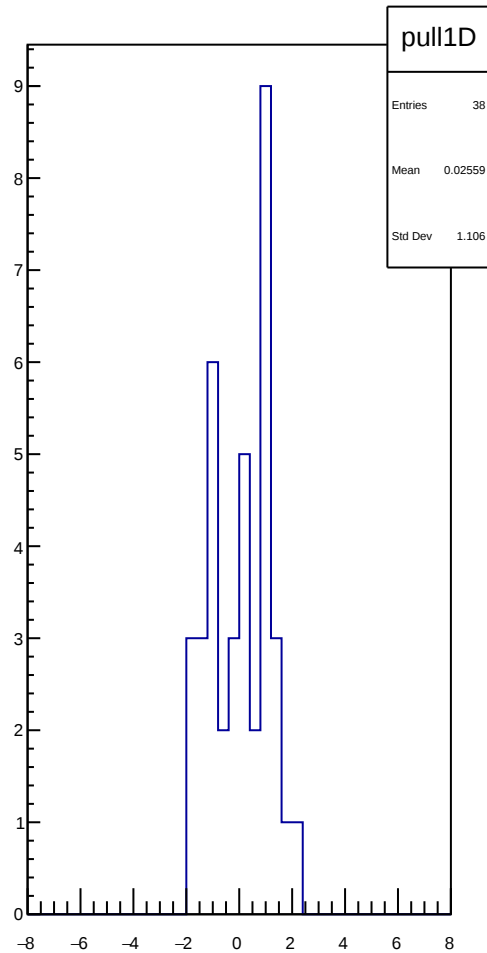
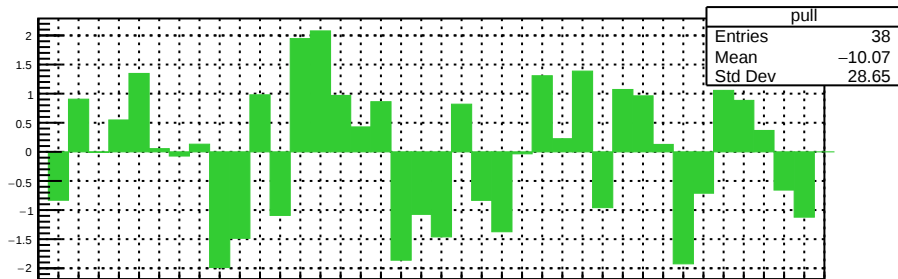
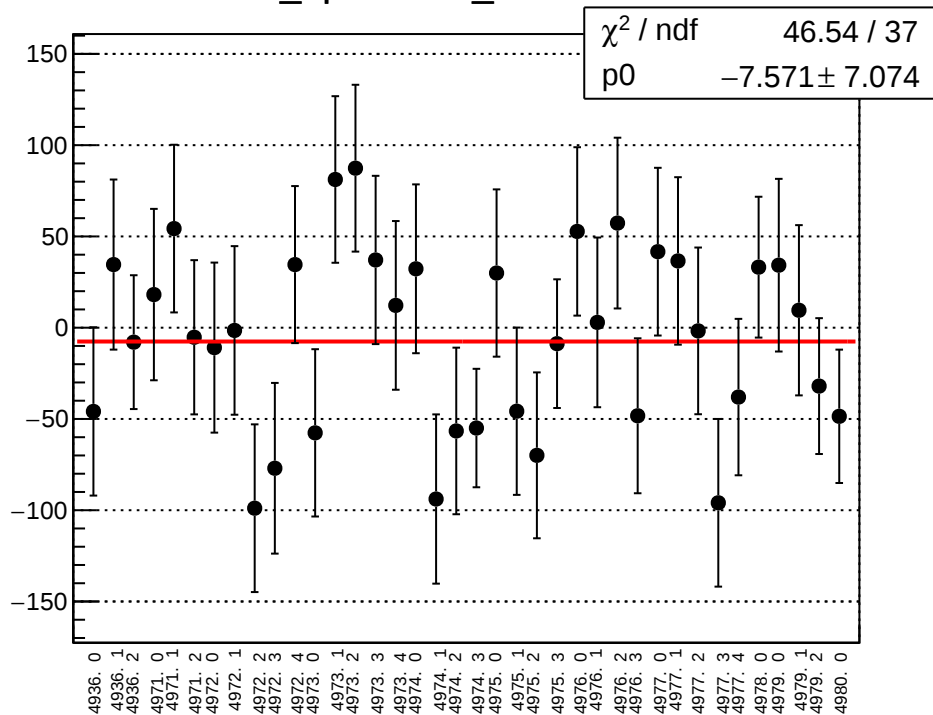
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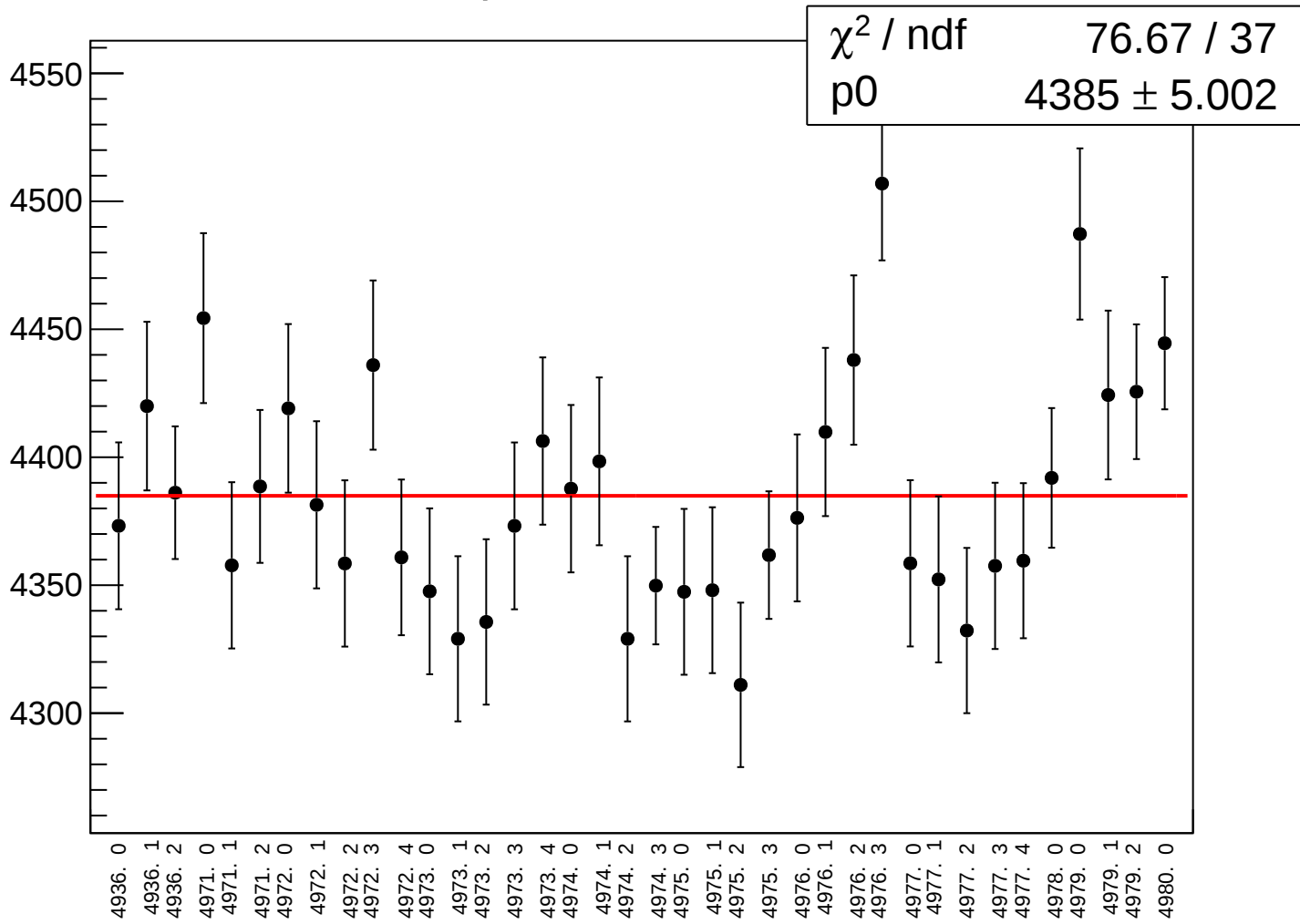
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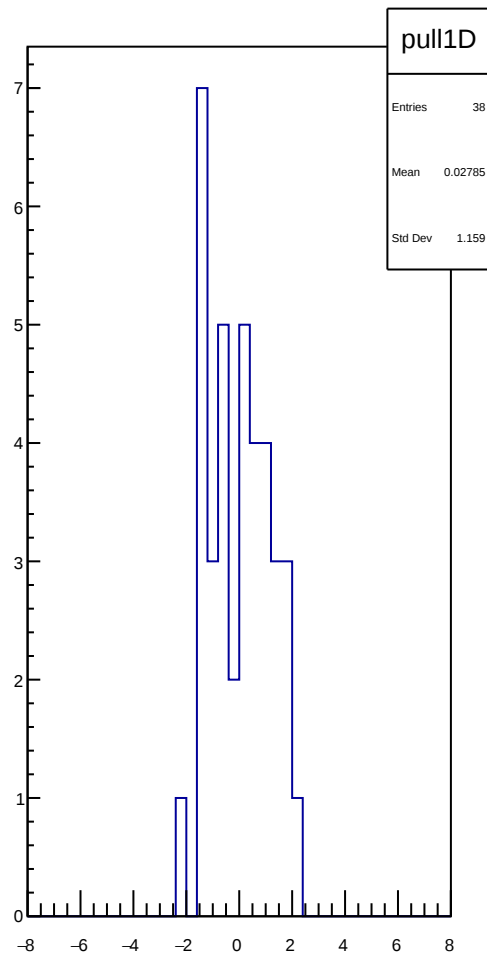
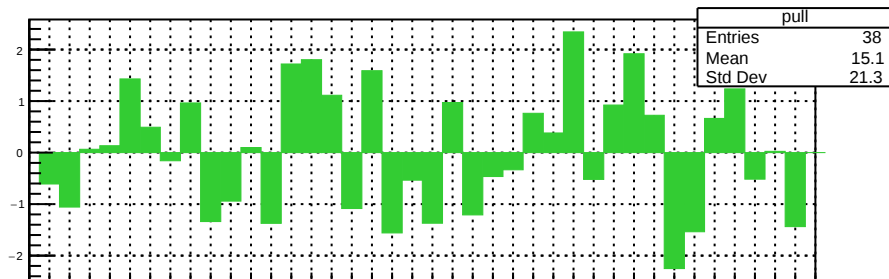
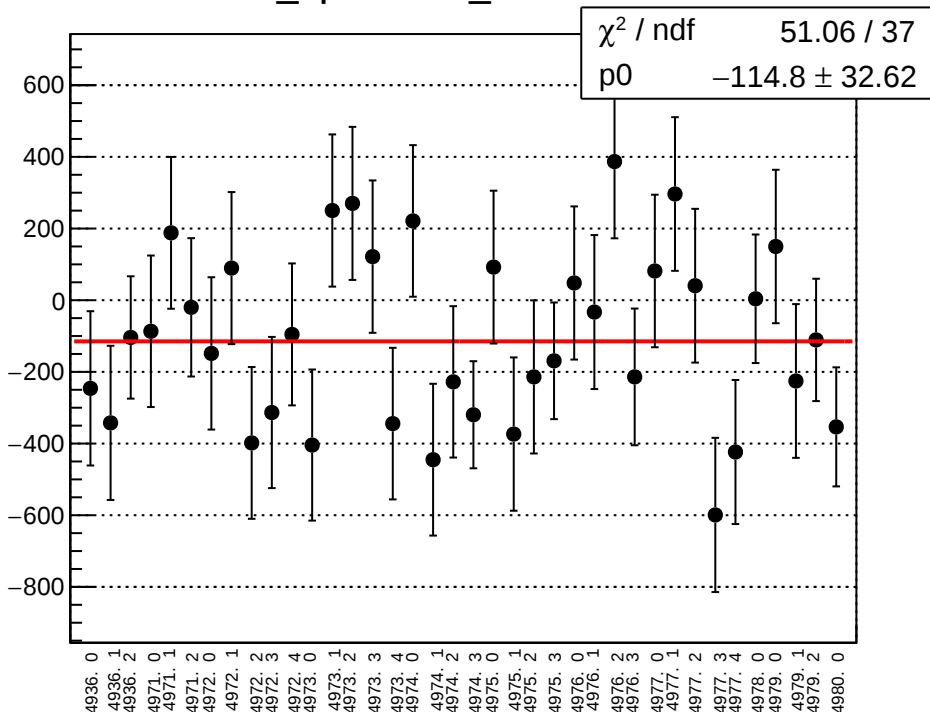
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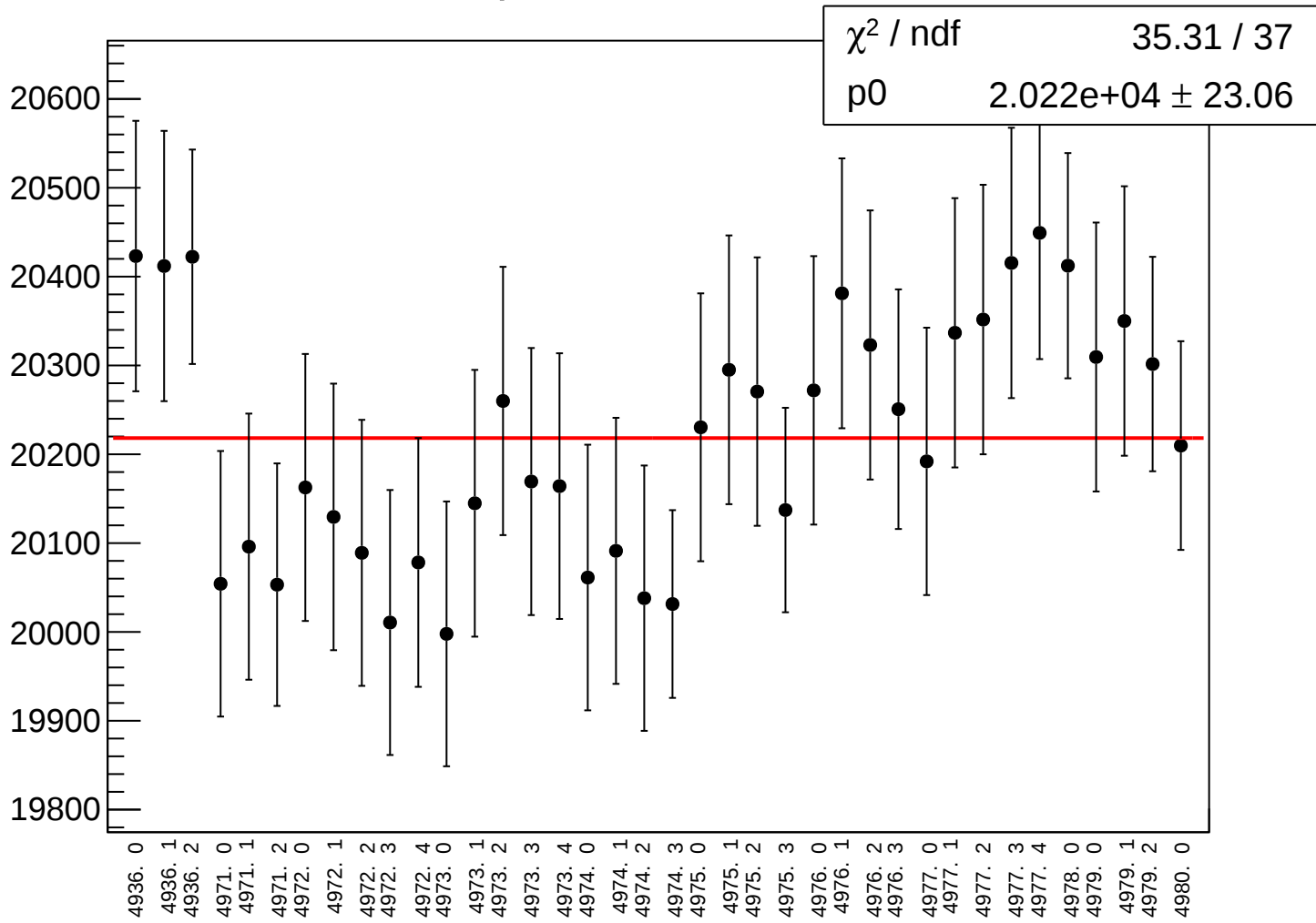
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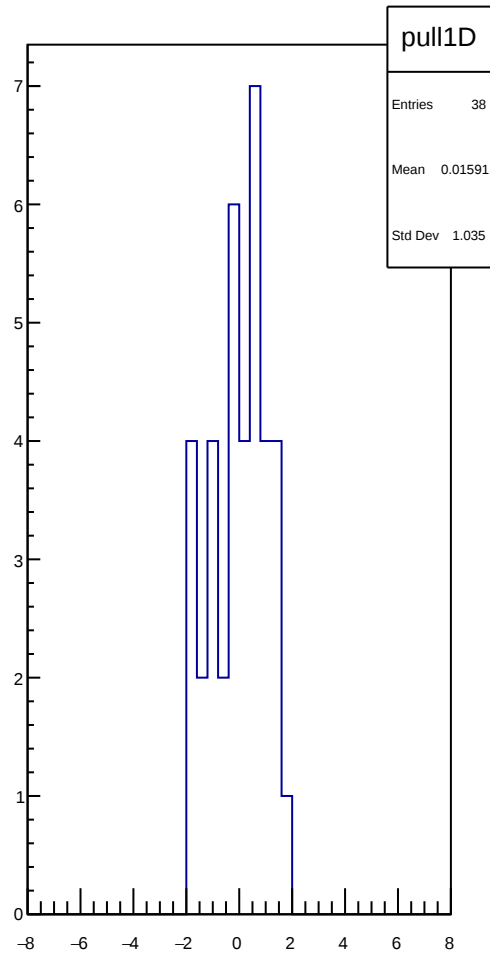
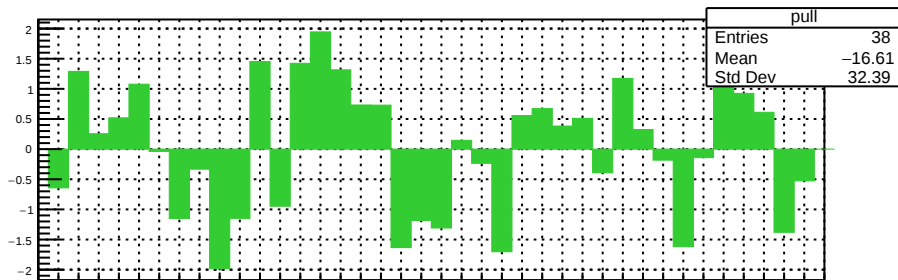
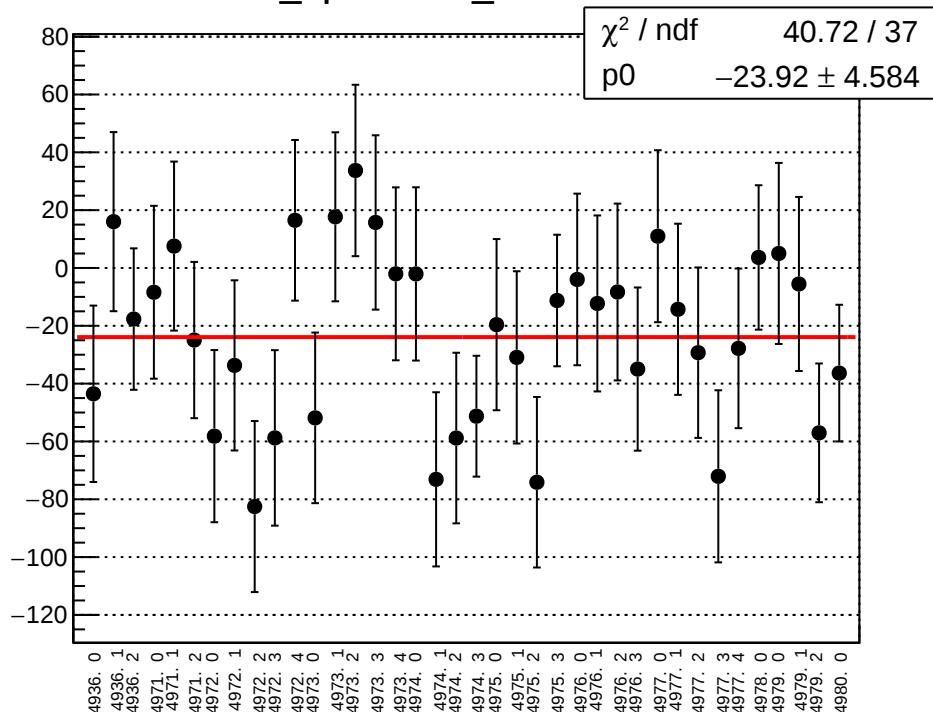
# diff\_bpm0I04X\_mean vs run



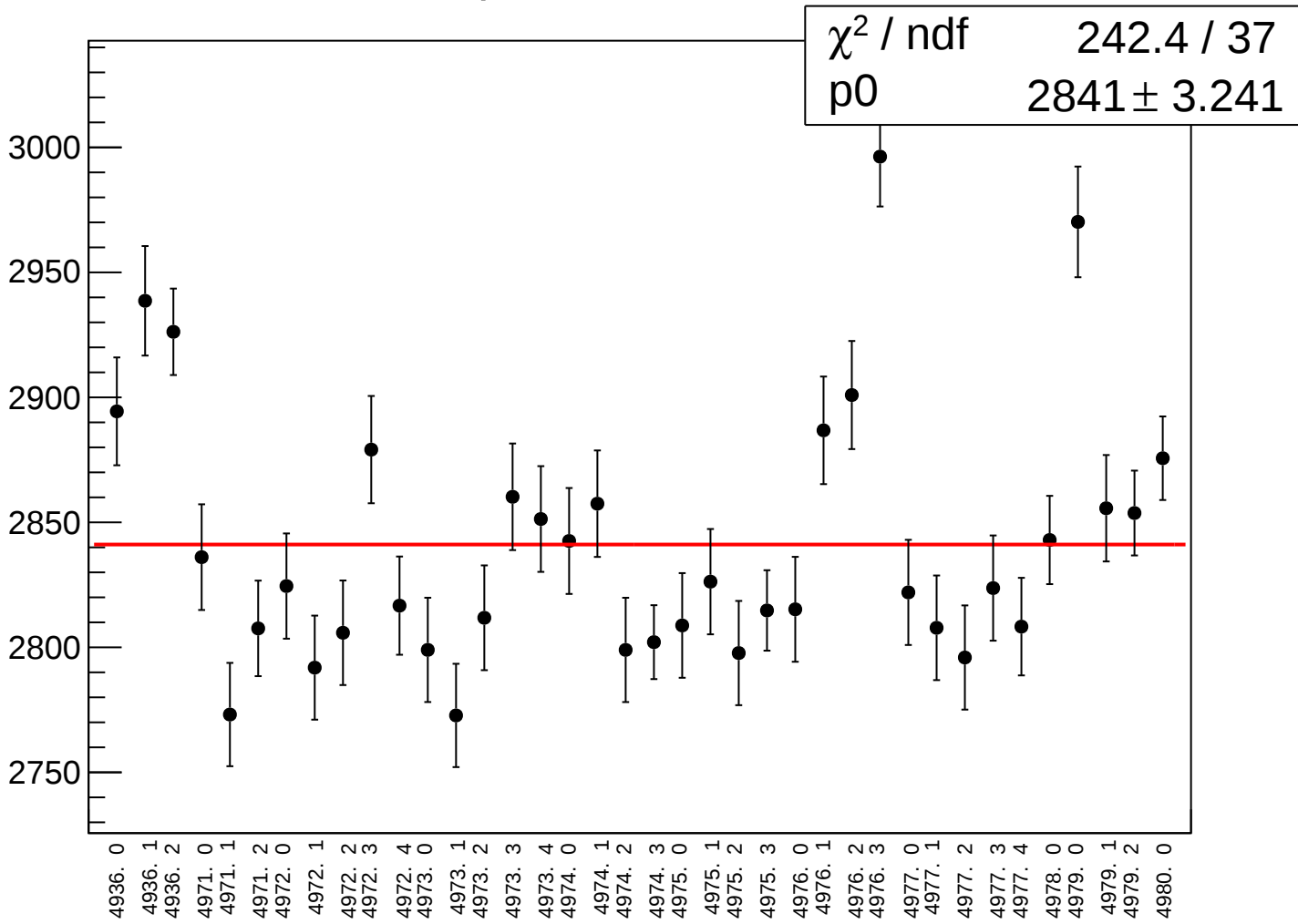
# diff\_bpm0l04X\_rms vs run



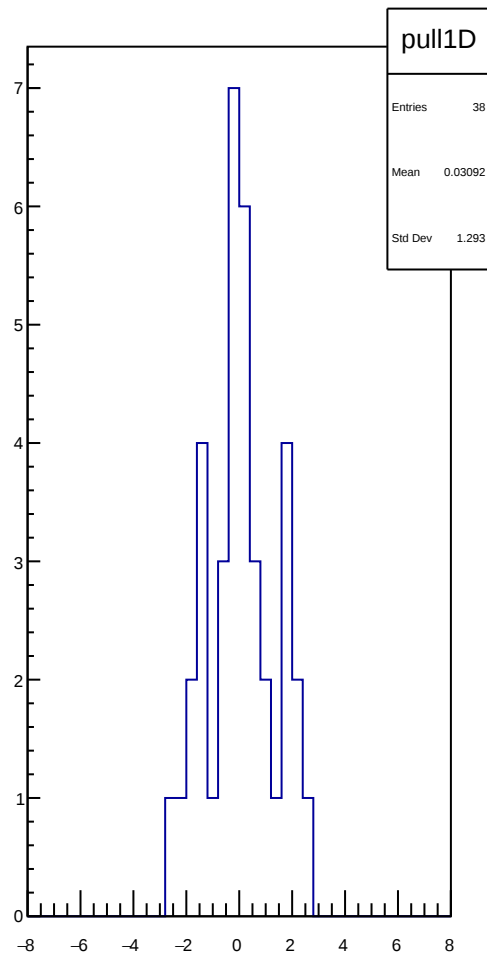
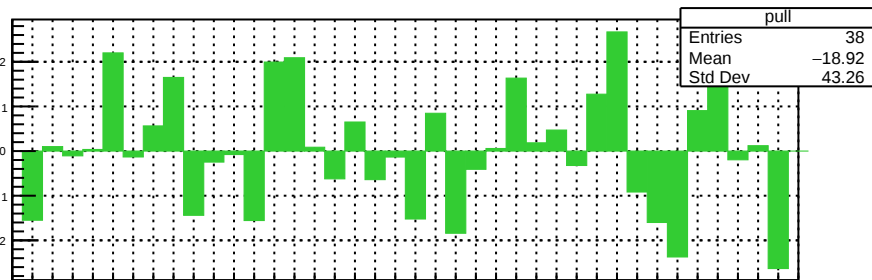
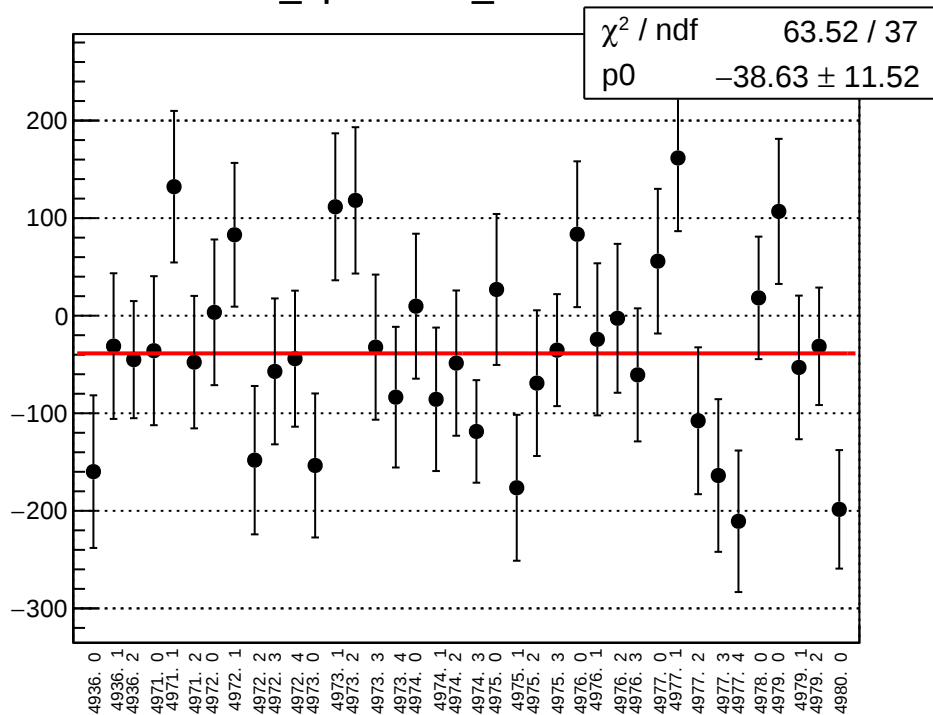
diff\_bpm0I04Y\_mean vs run



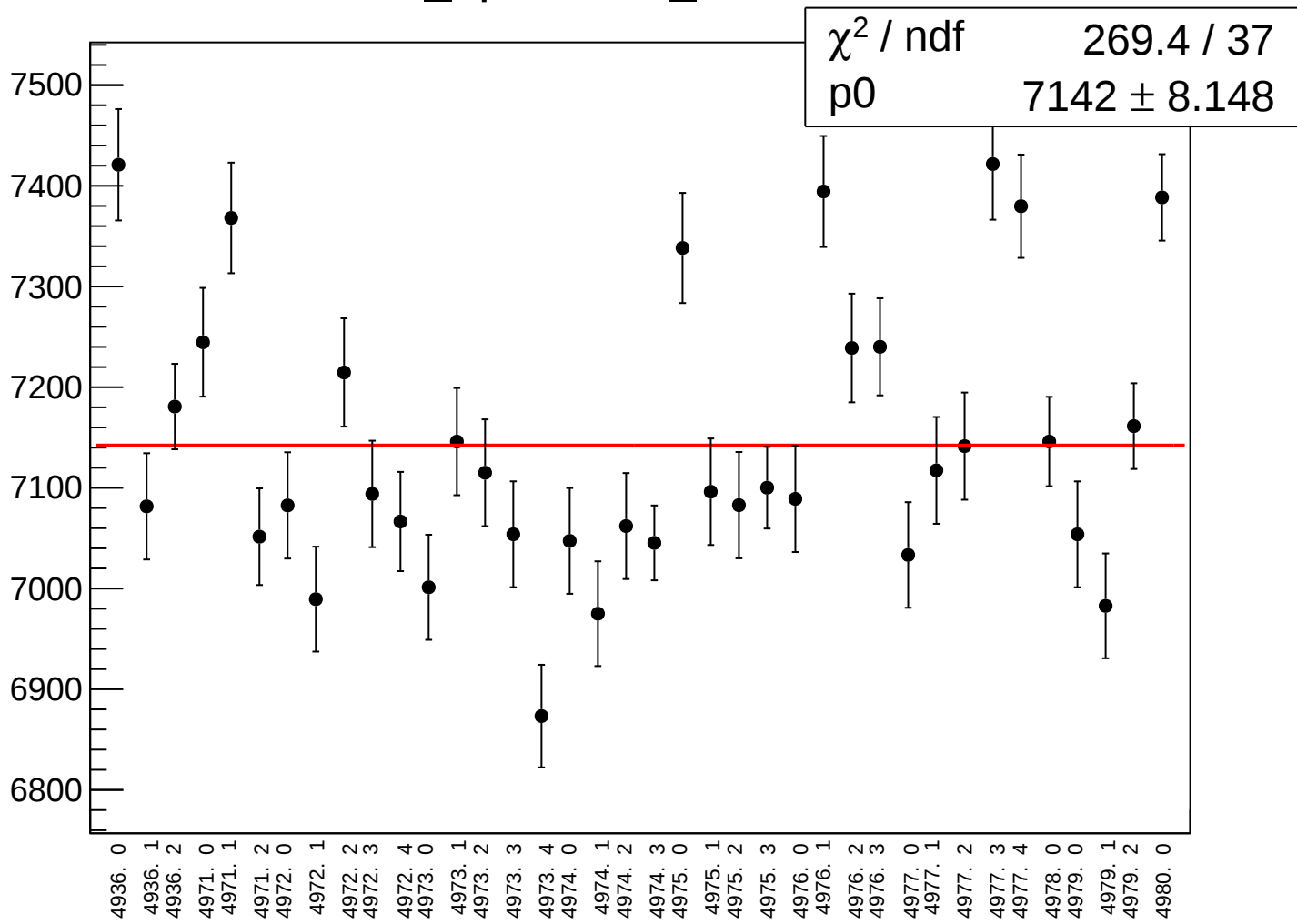
diff\_bpm0l04Y\_rms vs run



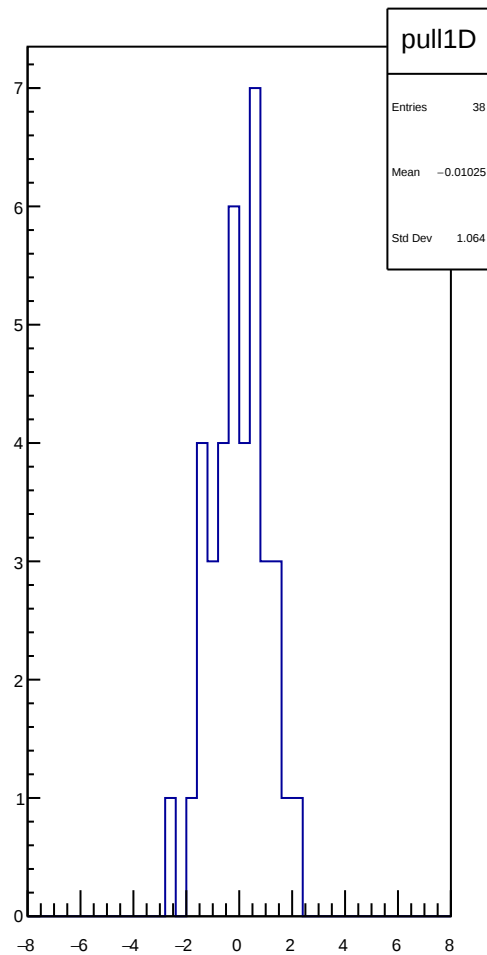
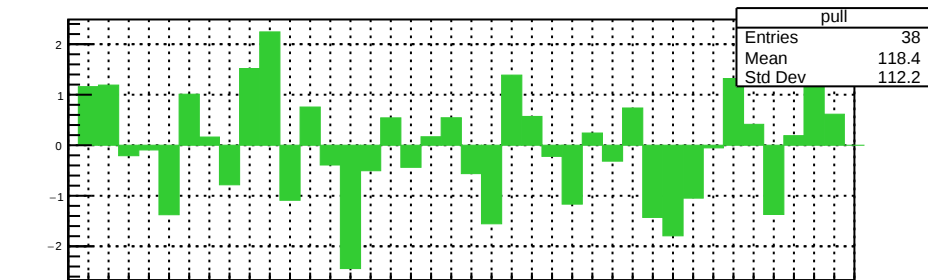
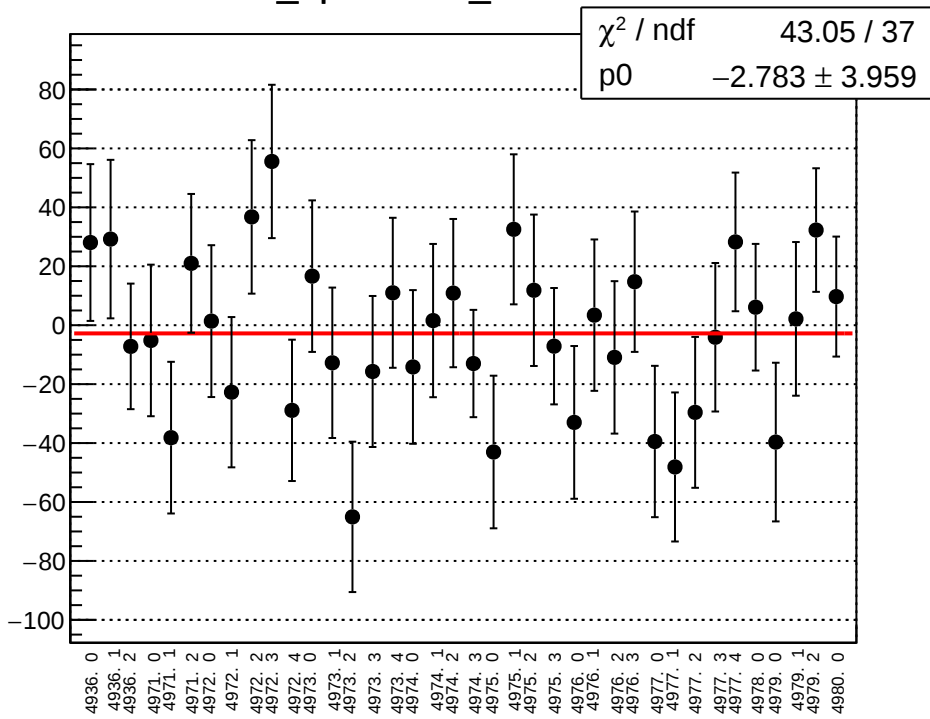
diff\_bpm0I05X\_mean vs run



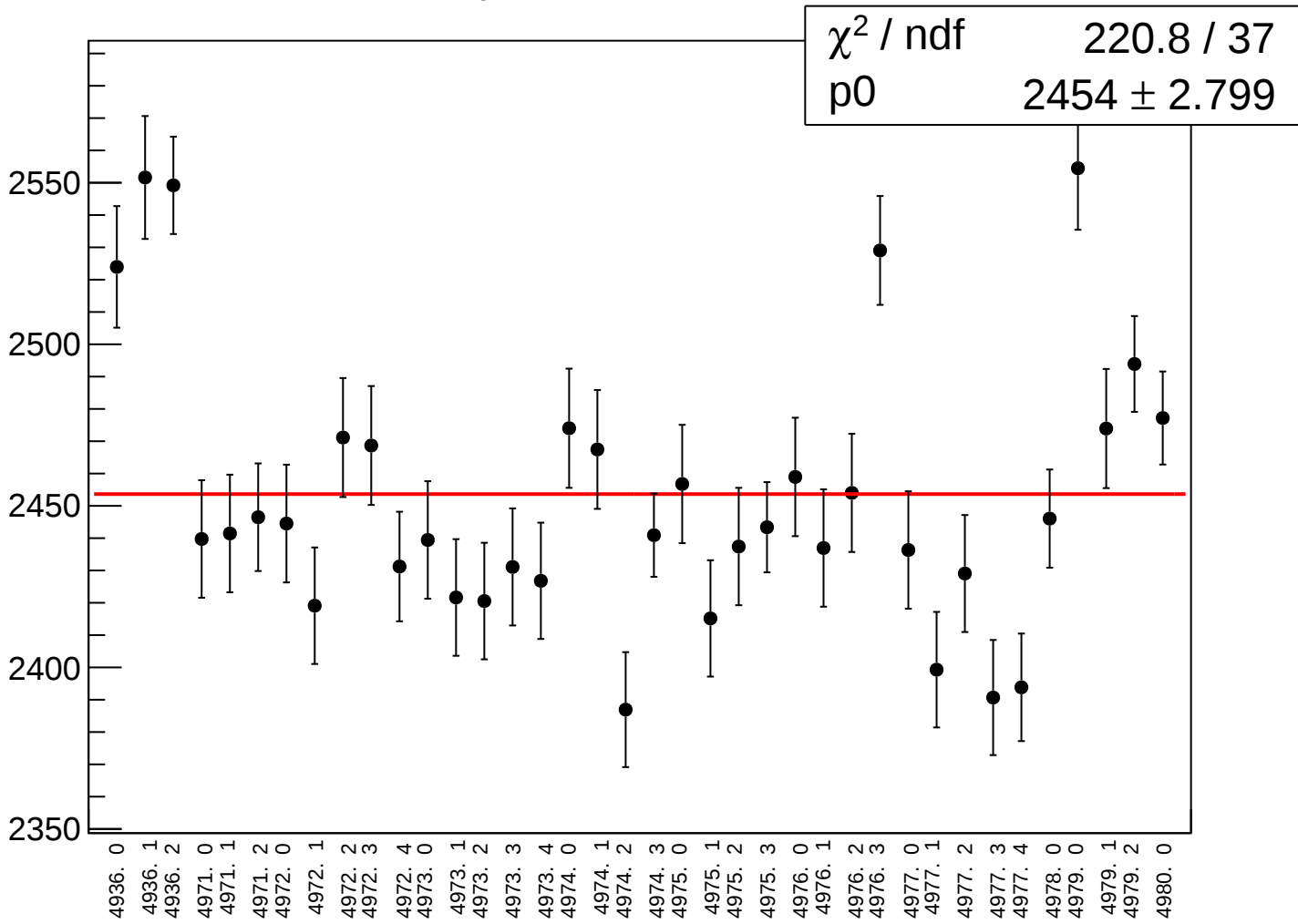
diff\_bpm0l05X\_rms vs run



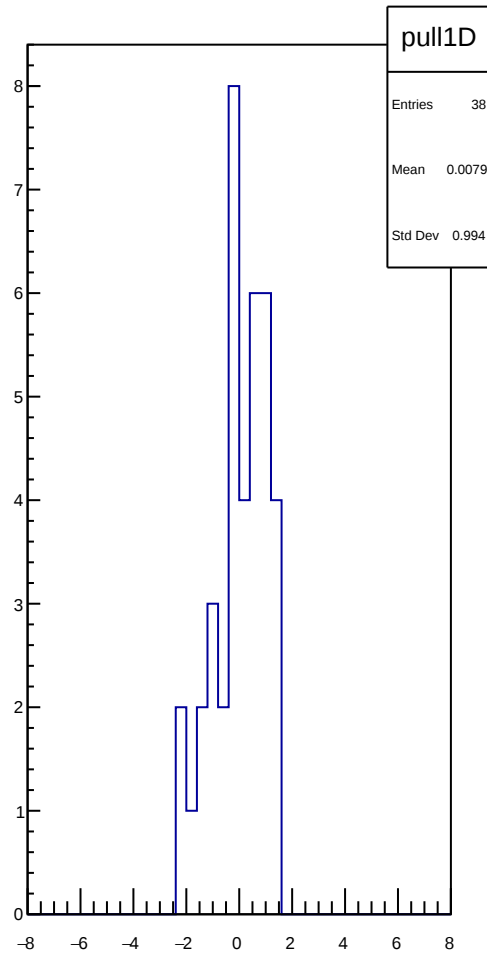
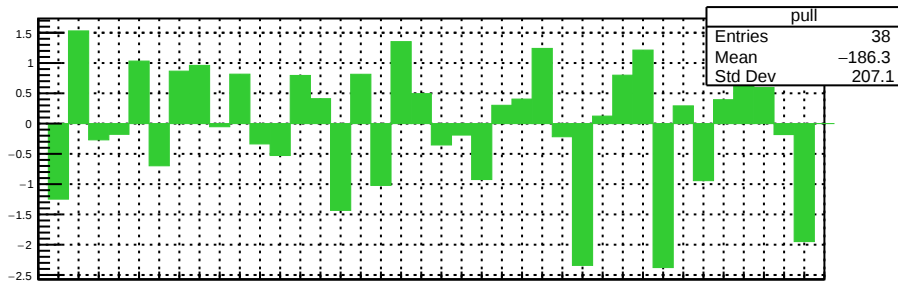
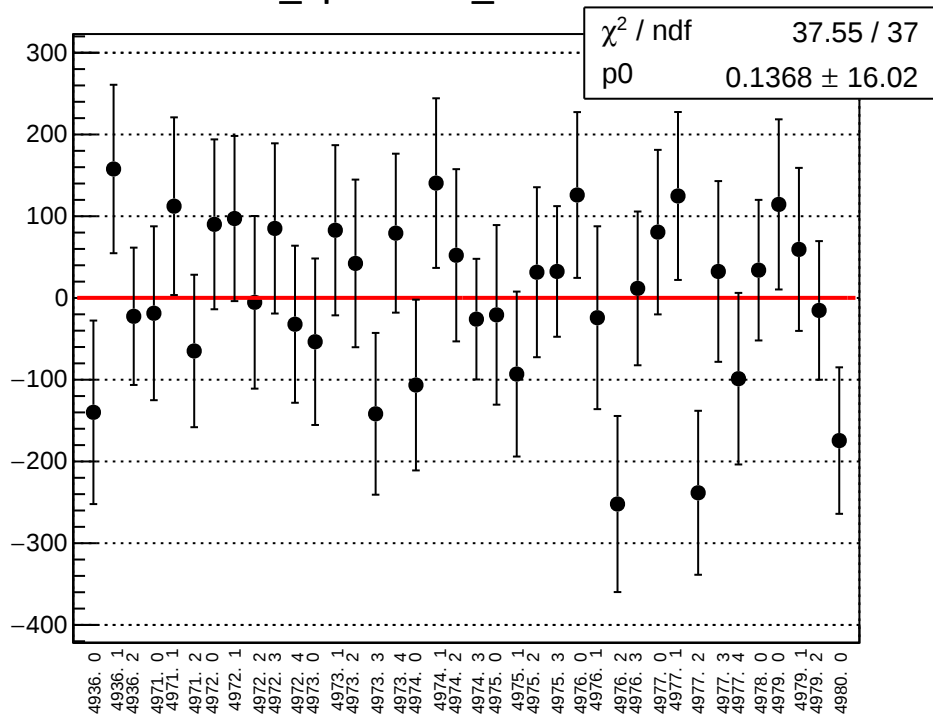
diff\_bpm0I05Y\_mean vs run



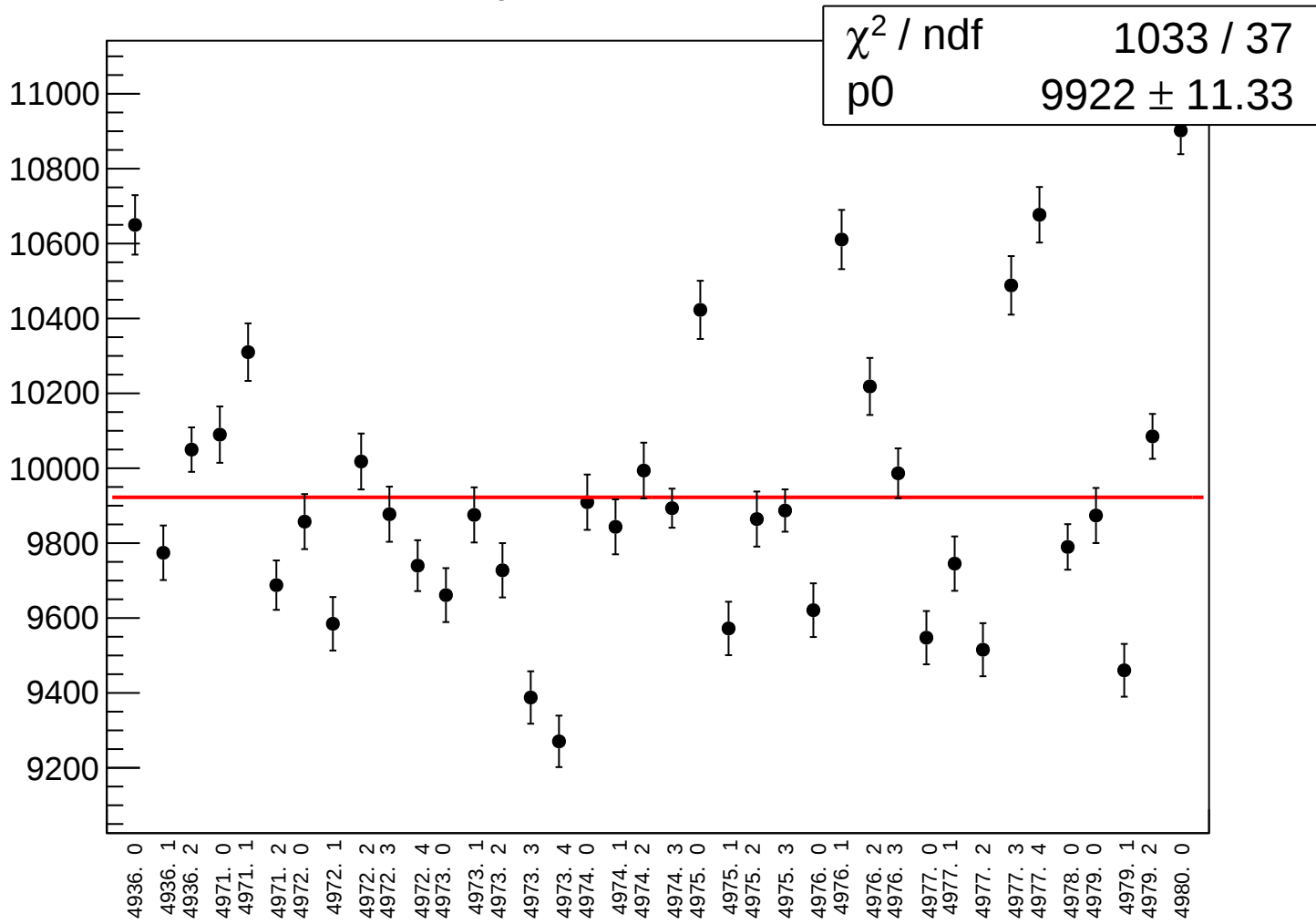
diff\_bpm0l05Y\_rms vs run



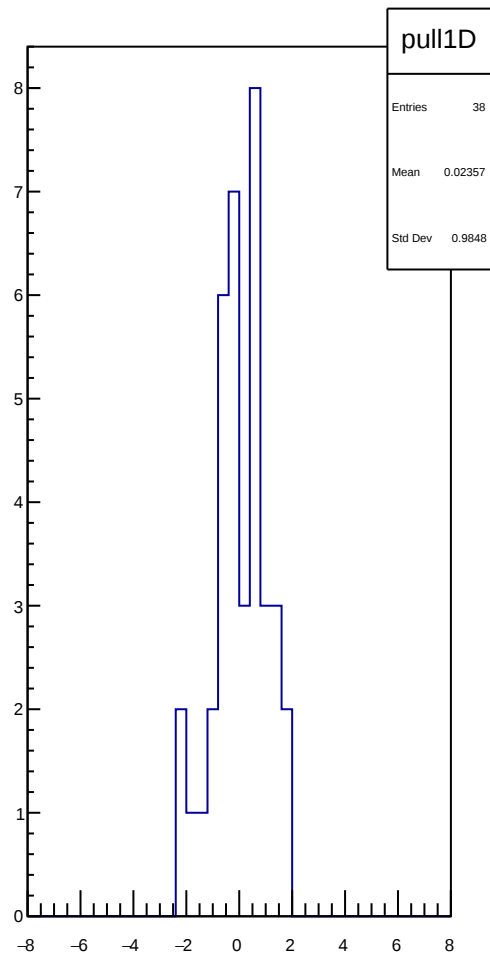
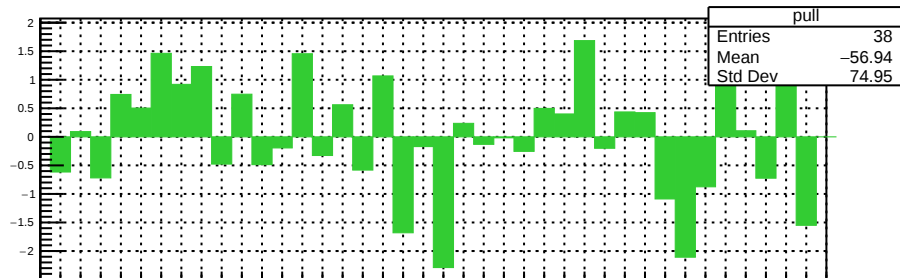
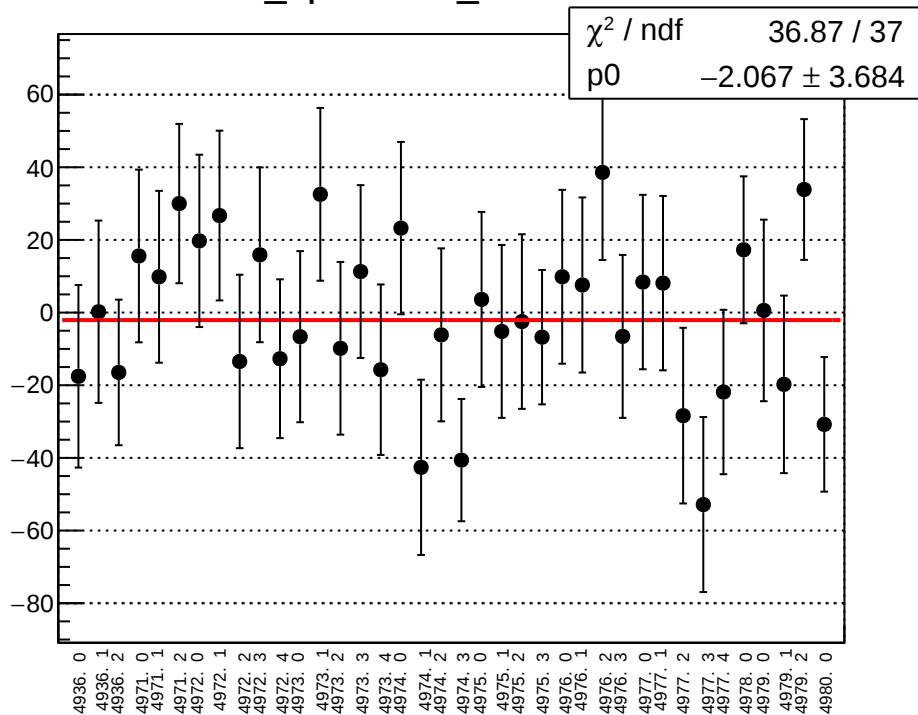
# diff\_bpm0I06X\_mean vs run



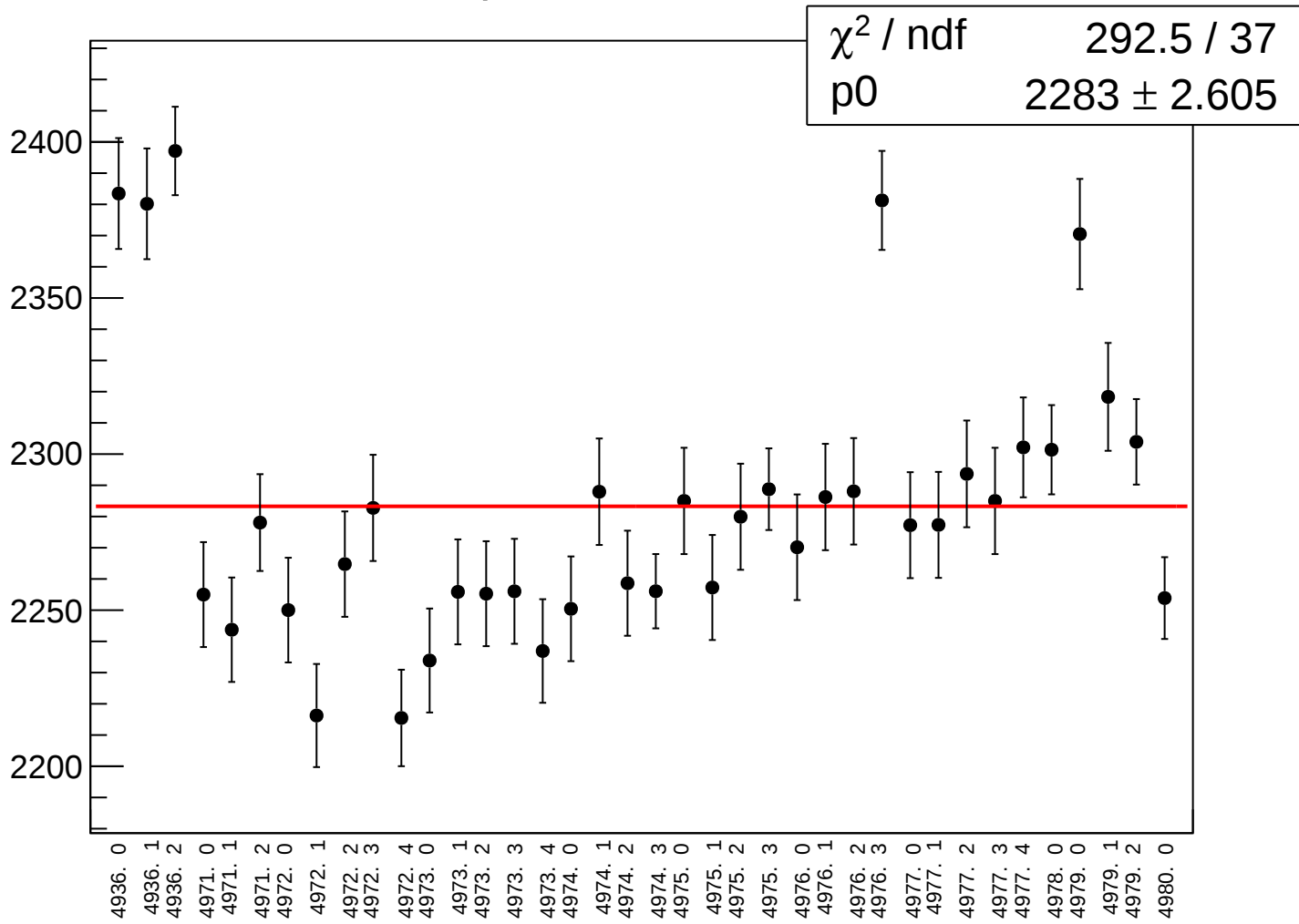
## diff\_bpm0l06X\_rms vs run



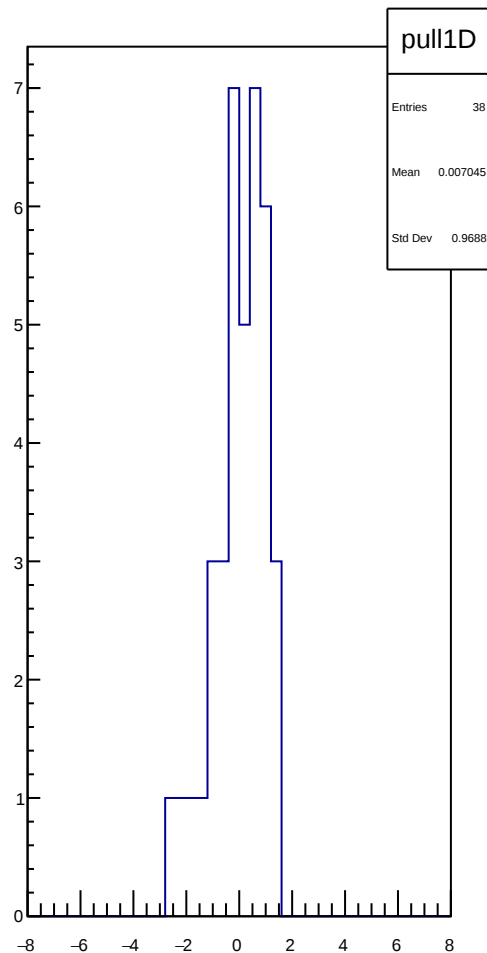
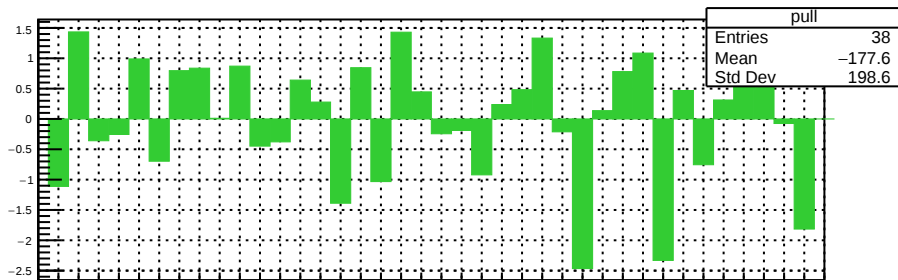
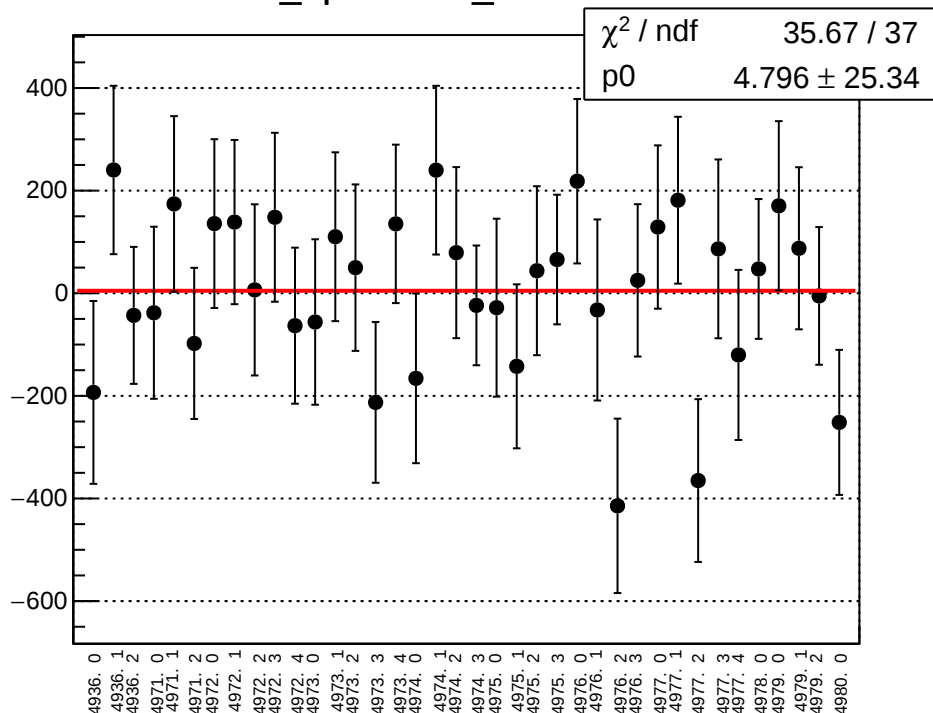
diff\_bpm0I06Y\_mean vs run



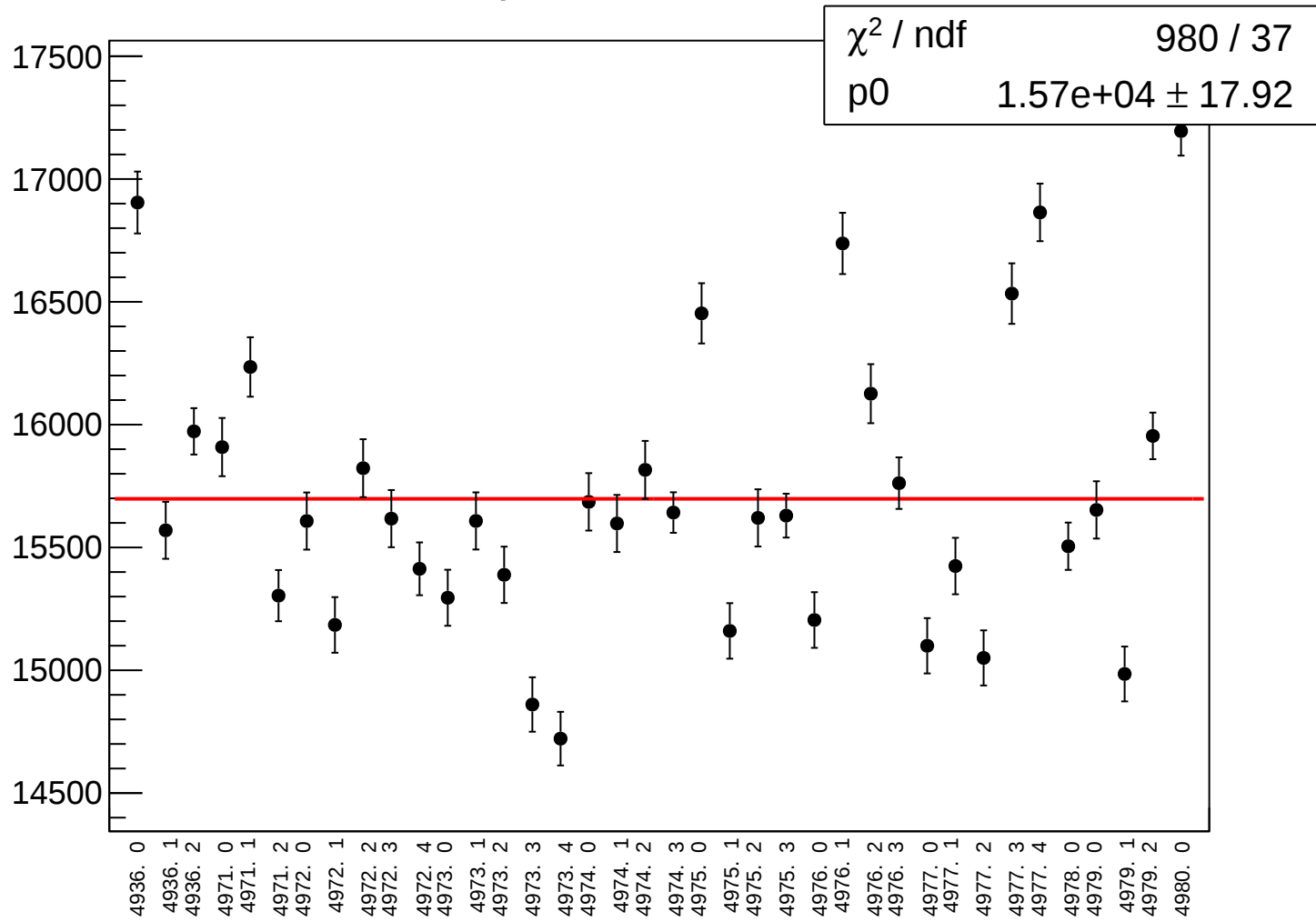
diff\_bpm0l06Y\_rms vs run



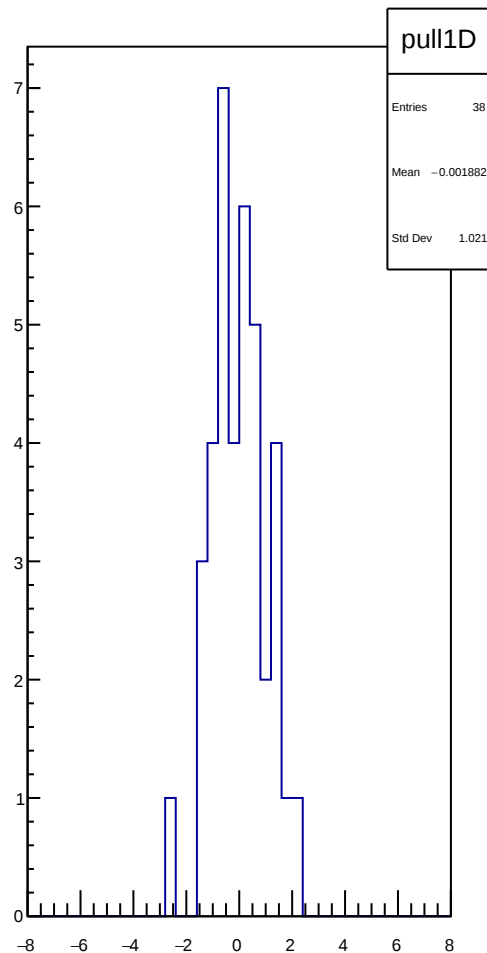
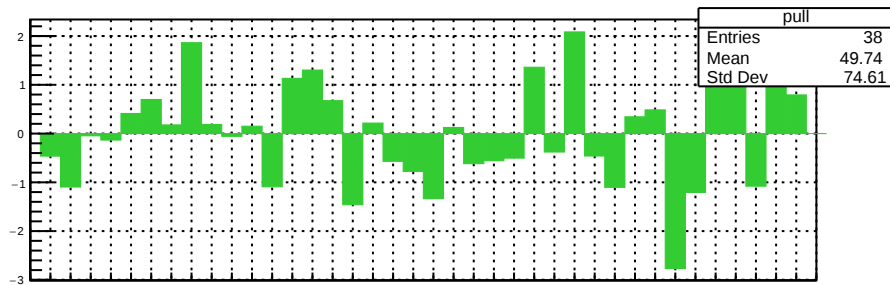
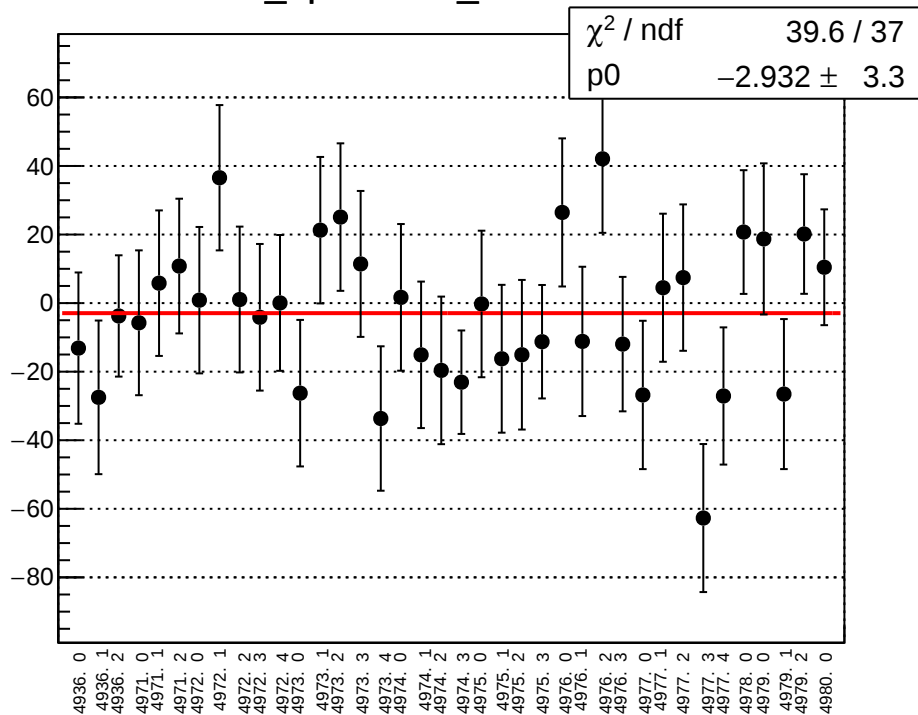
diff\_bpm0107X\_mean vs run



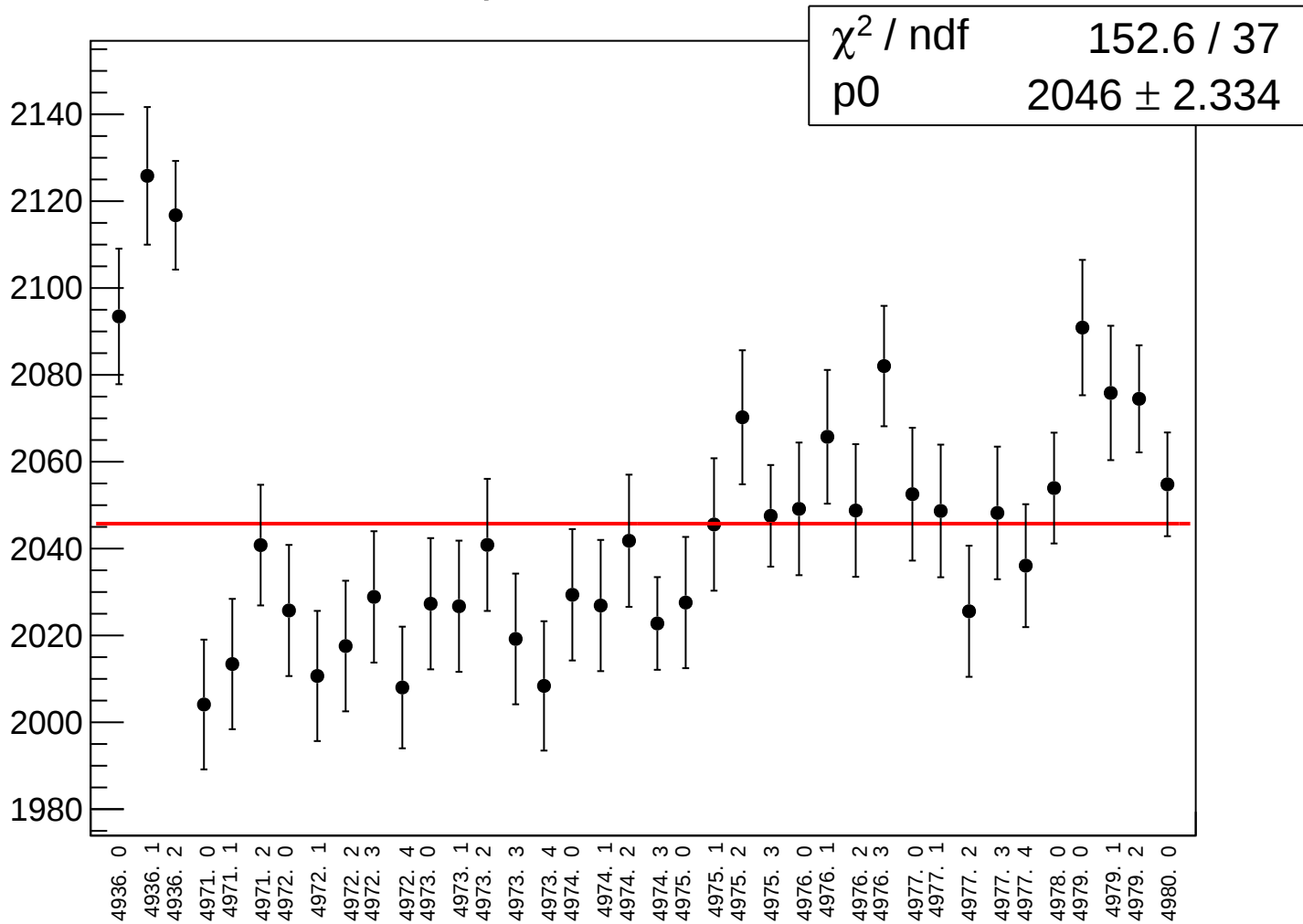
diff\_bpm0l07X\_rms vs run



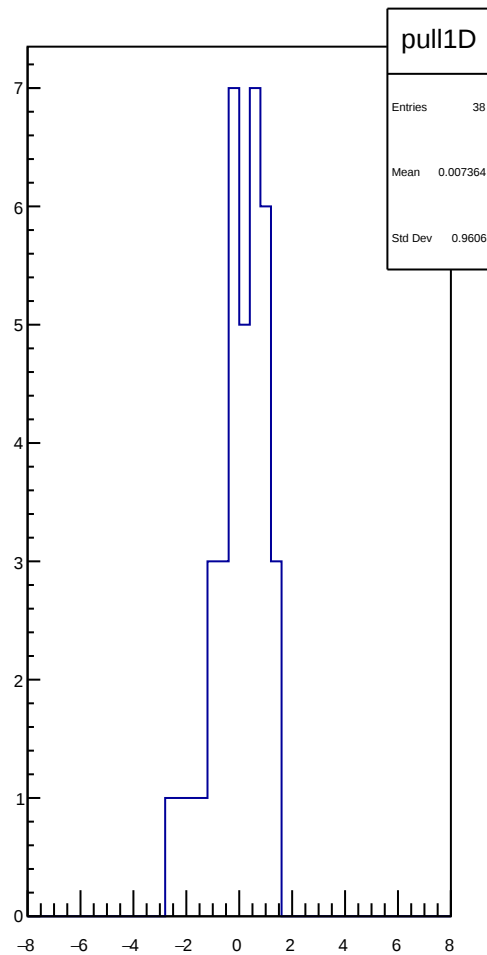
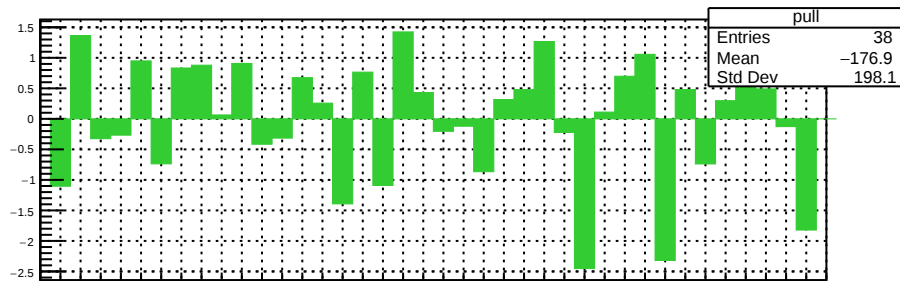
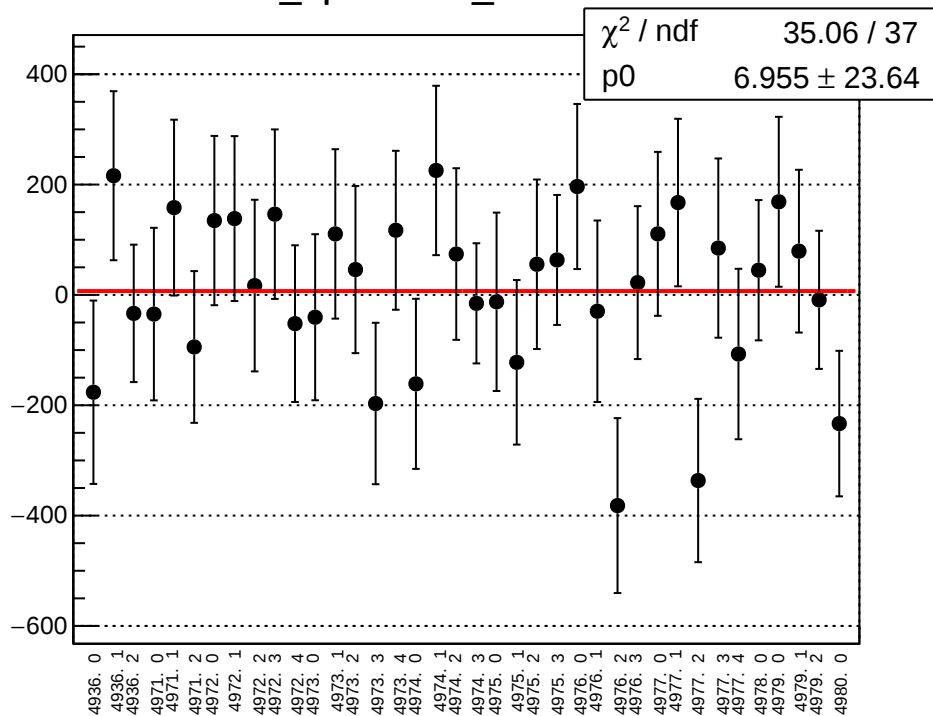
diff\_bpm0I07Y\_mean vs run



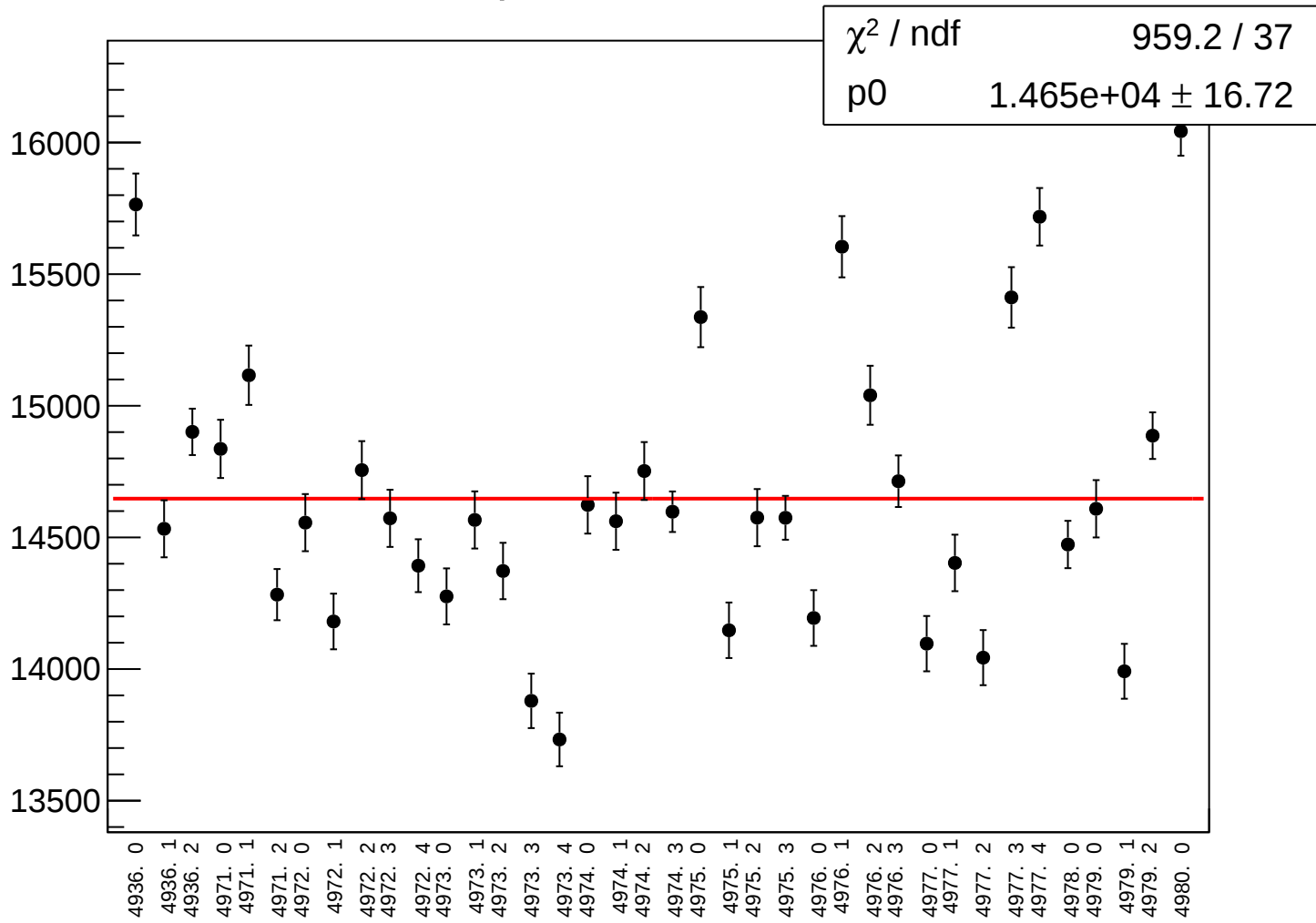
# diff\_bpm0l07Y\_rms vs run



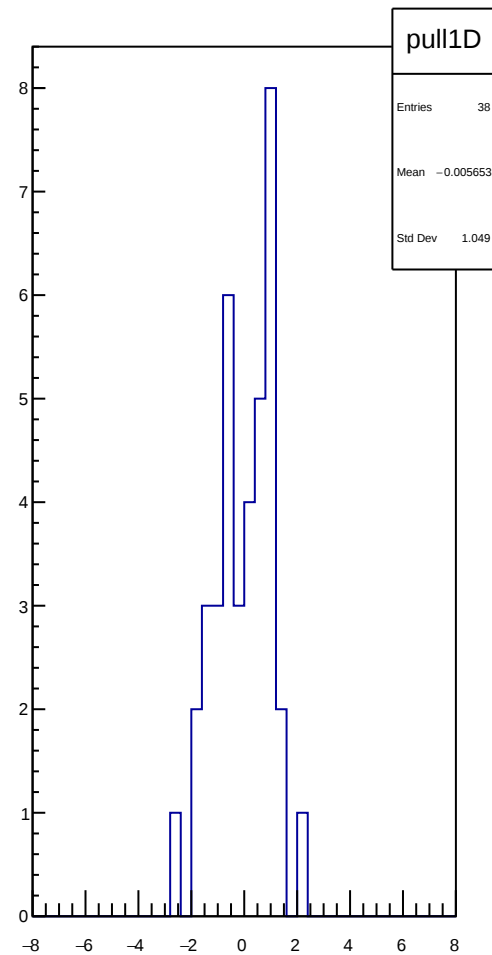
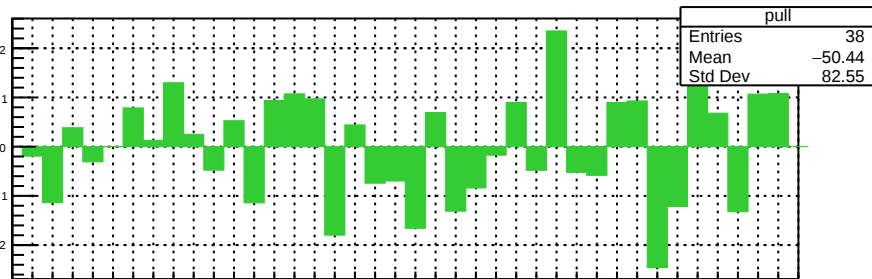
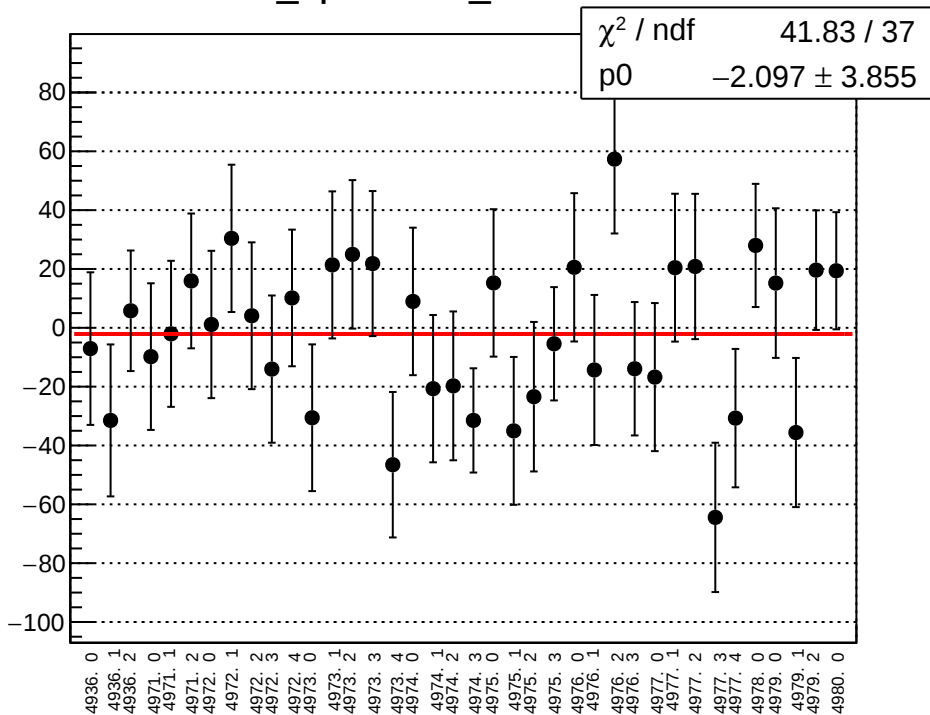
diff\_bpm0l08X\_mean vs run



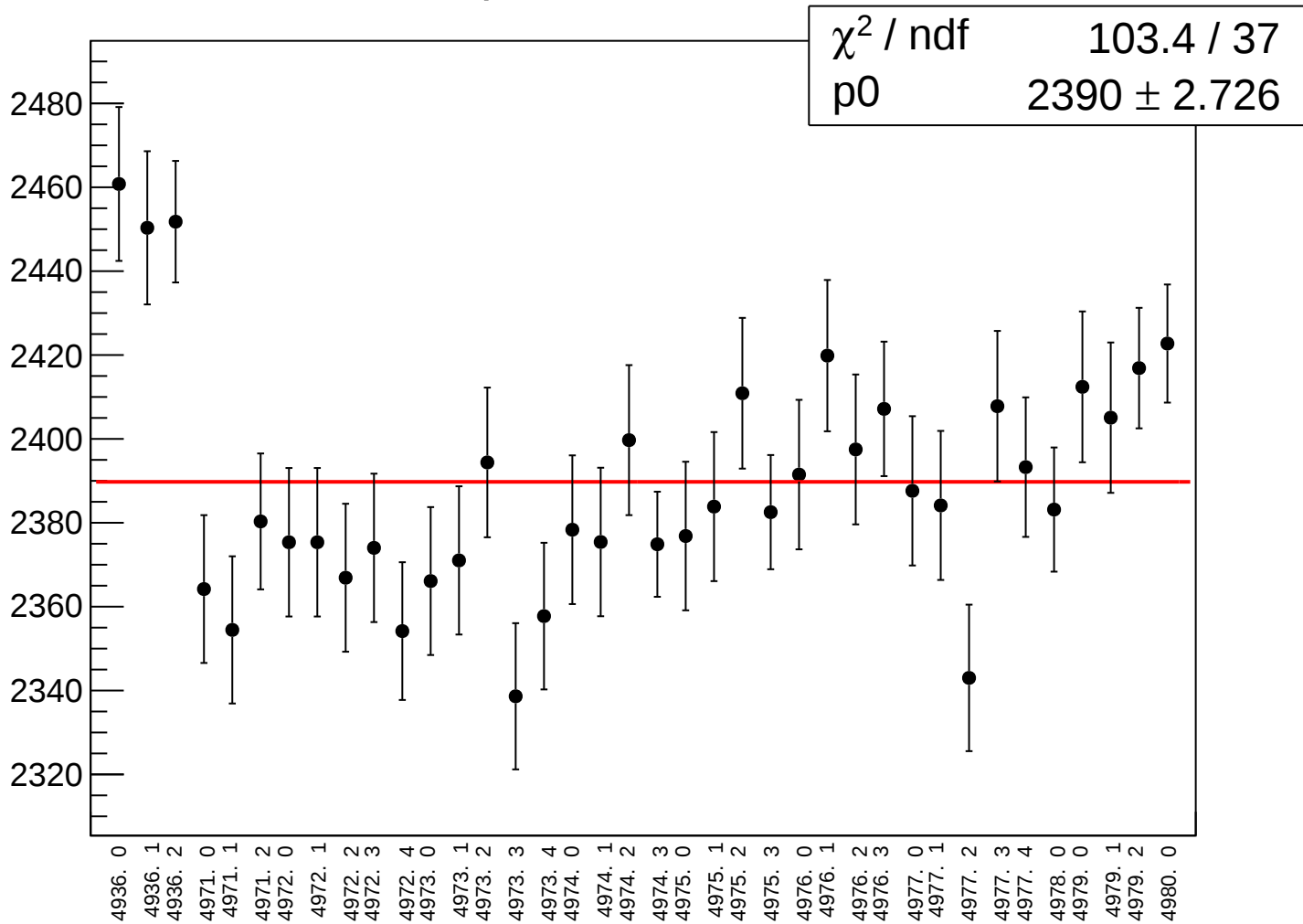
# diff\_bpm0l08X\_rms vs run



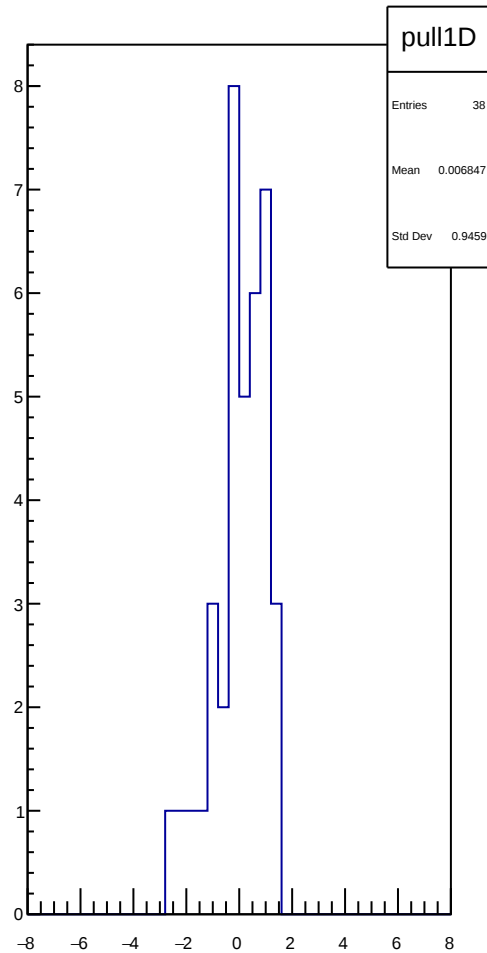
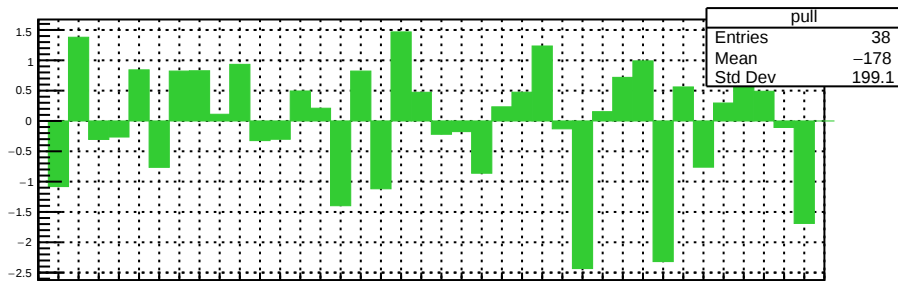
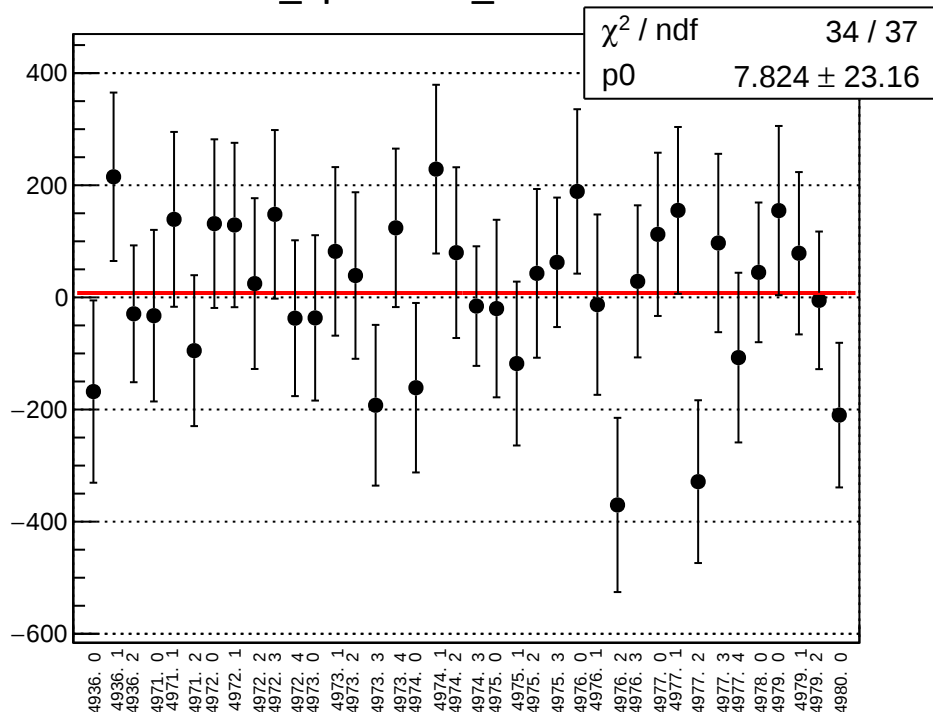
diff\_bpm0l08Y\_mean vs run



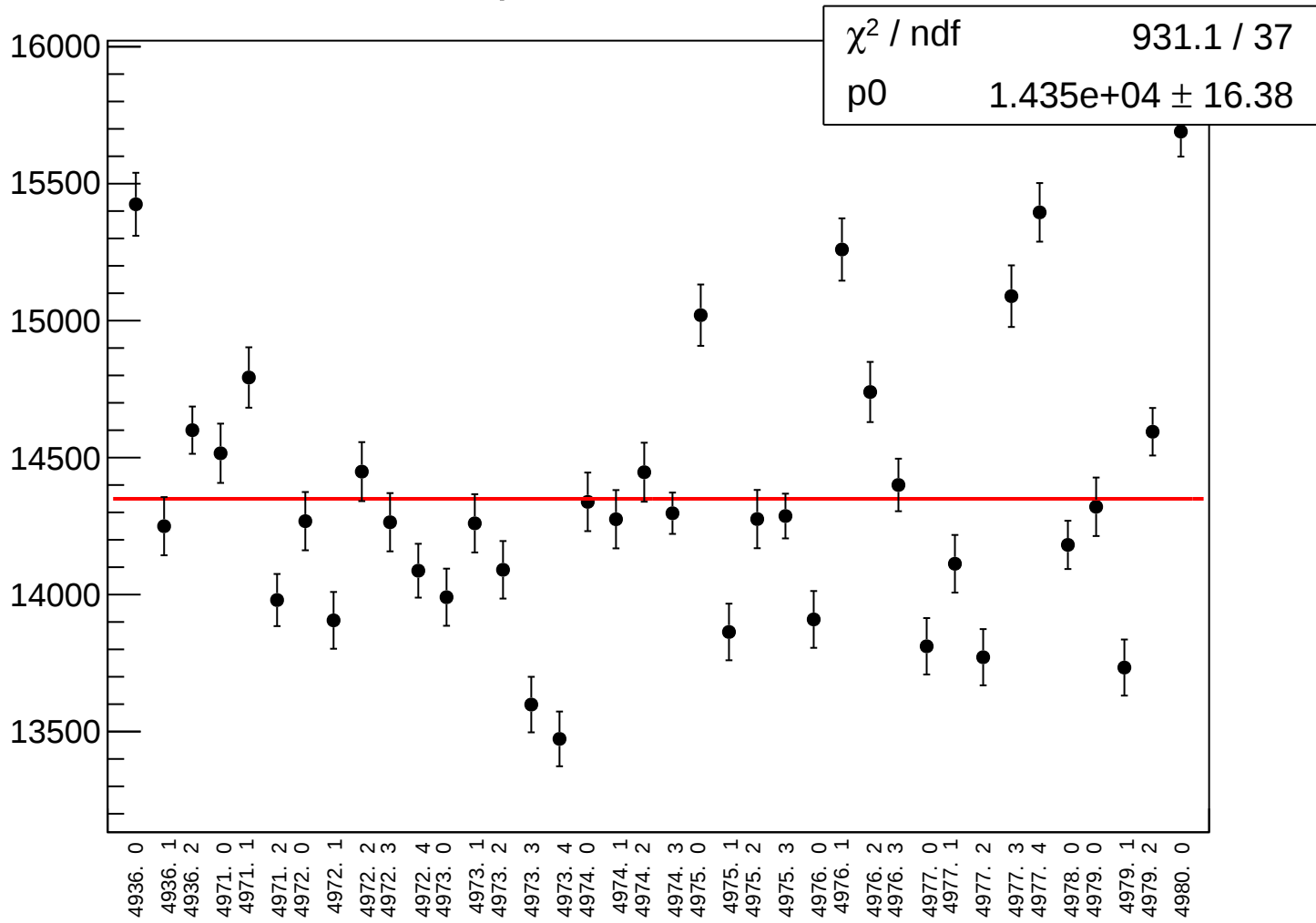
# diff\_bpm0l08Y\_rms vs run



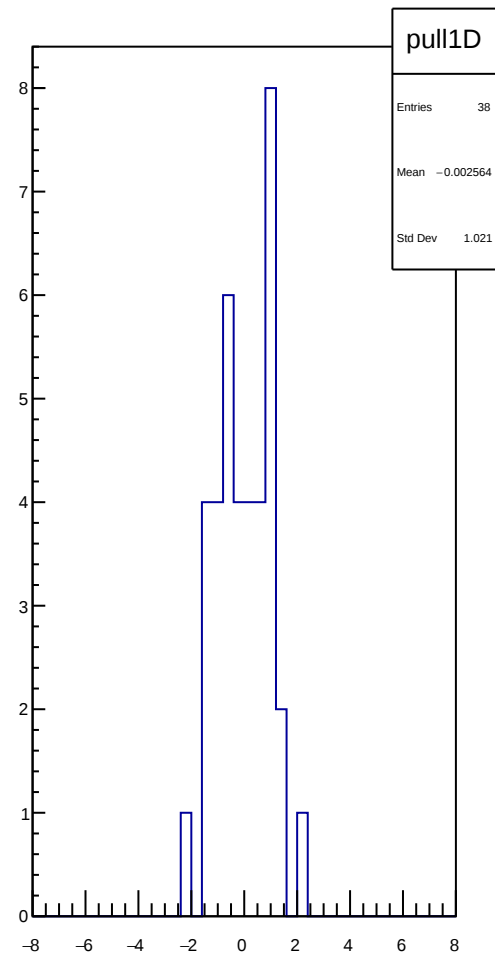
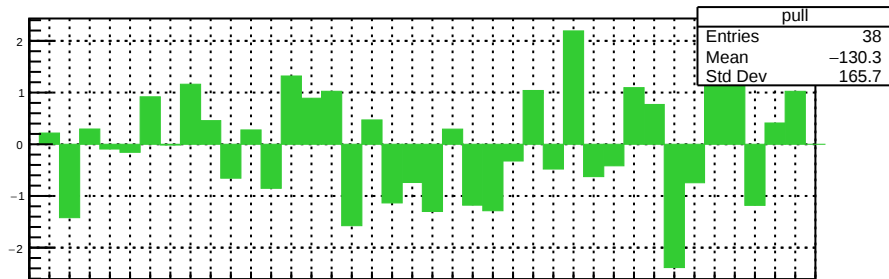
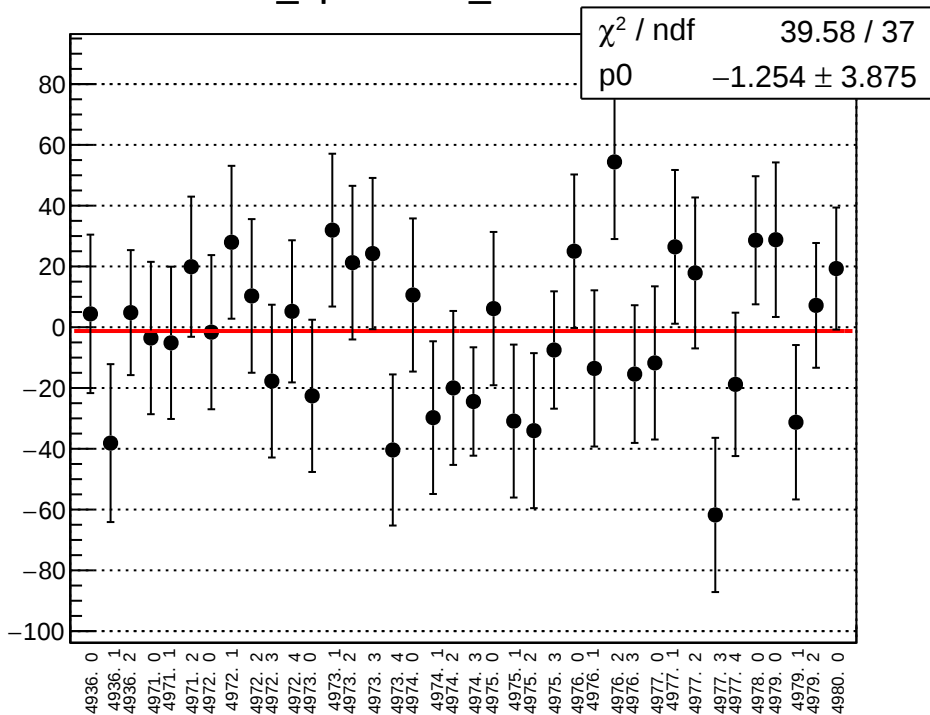
diff\_bpm0l09X\_mean vs run



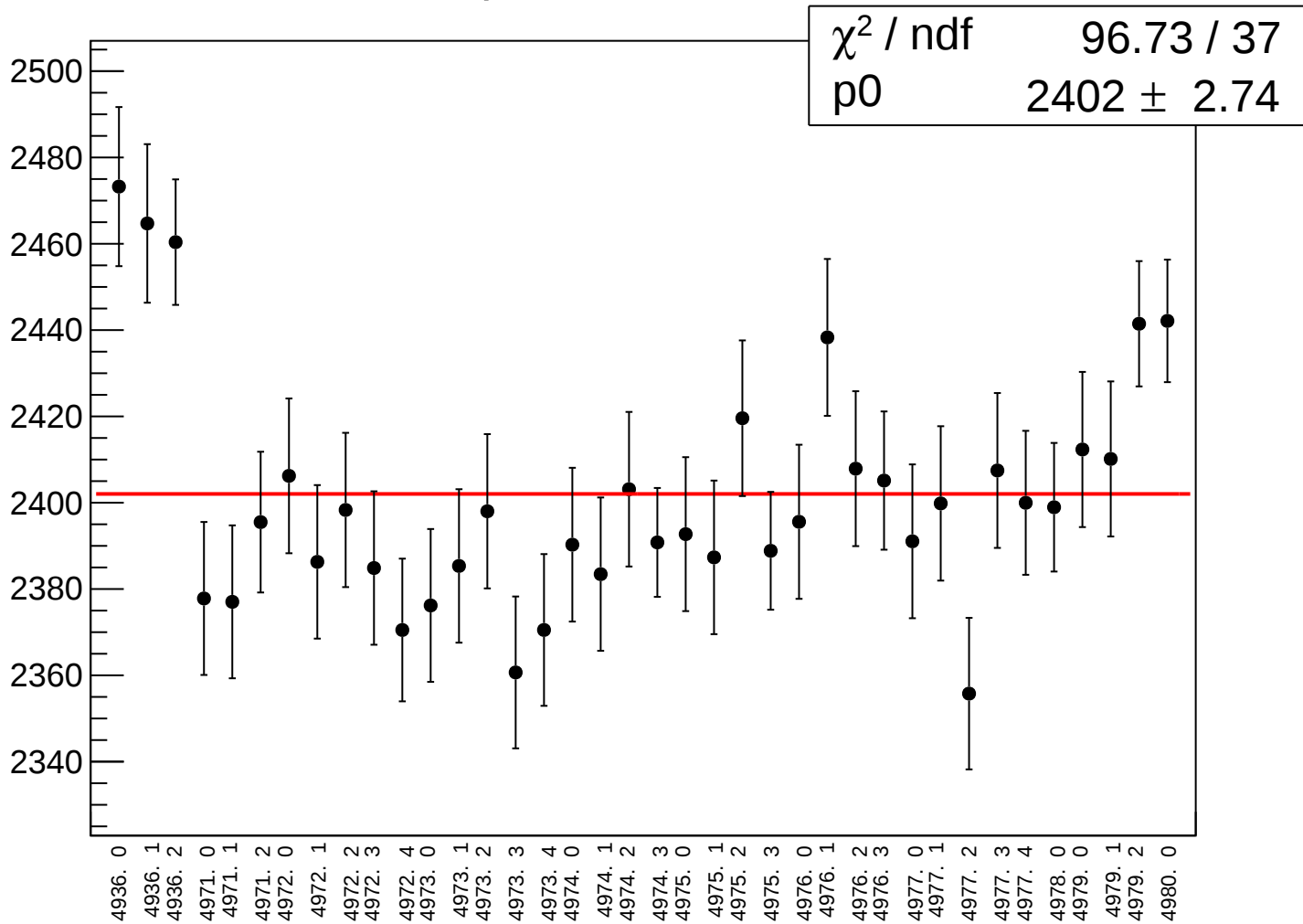
# diff\_bpm0l09X\_rms vs run



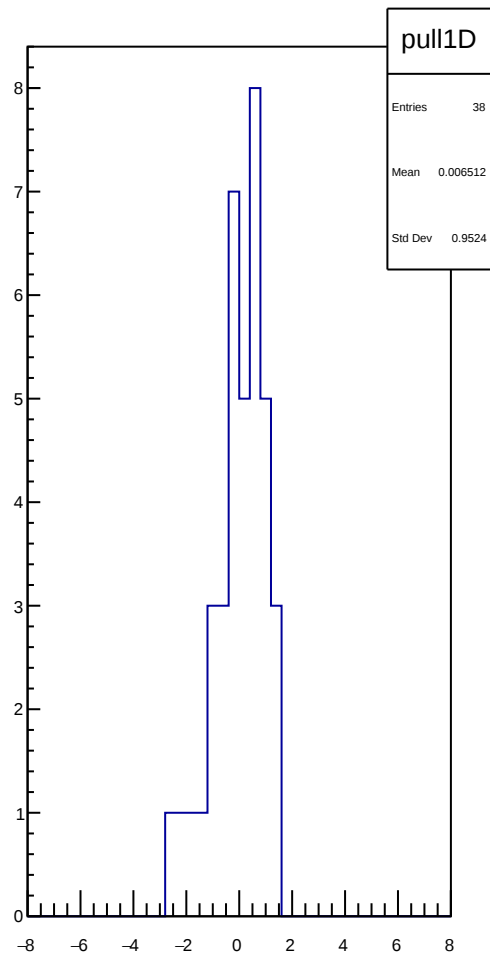
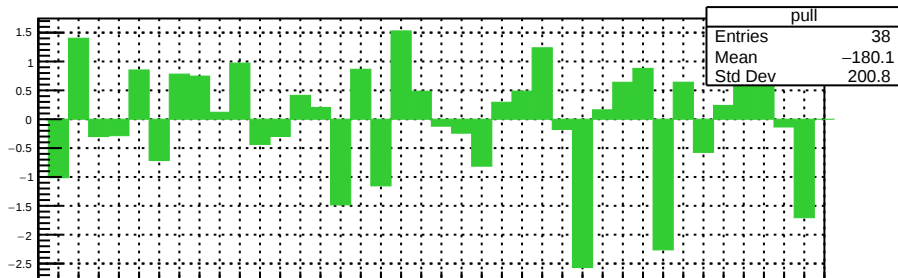
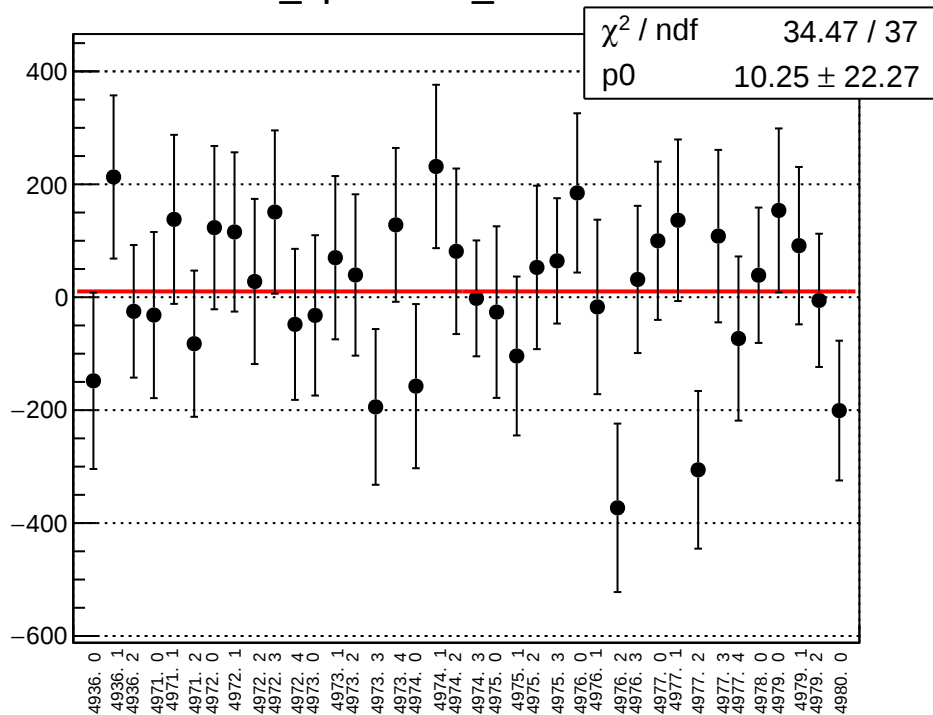
diff\_bpm0I09Y\_mean vs run



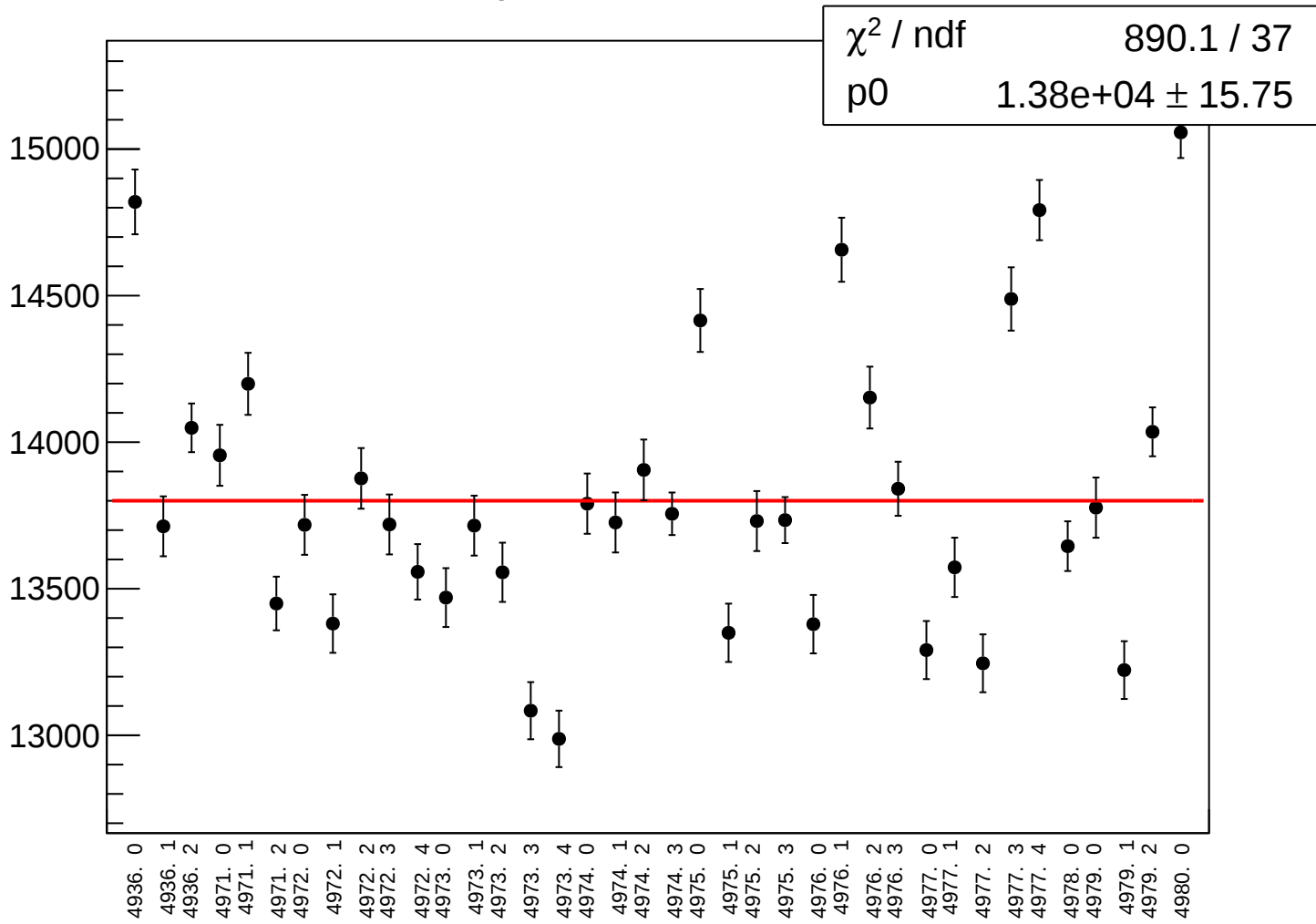
# diff\_bpm0l09Y\_rms vs run



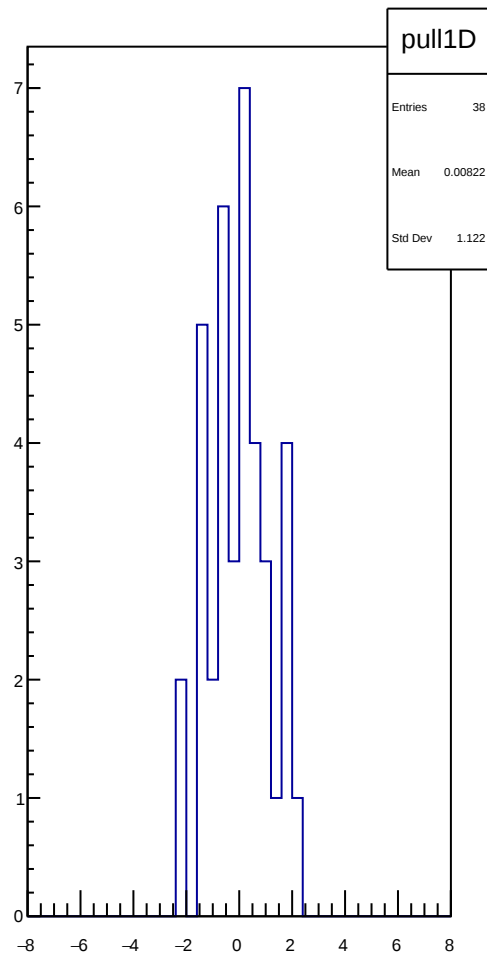
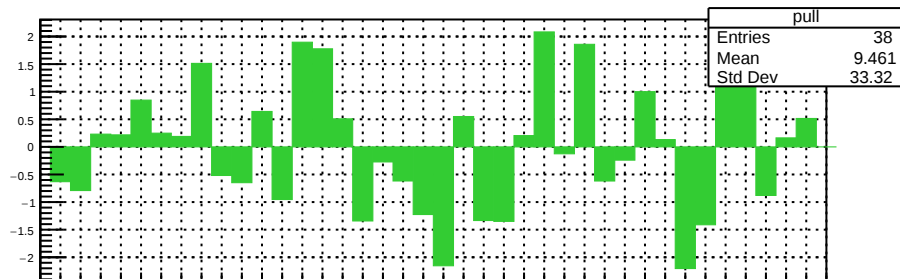
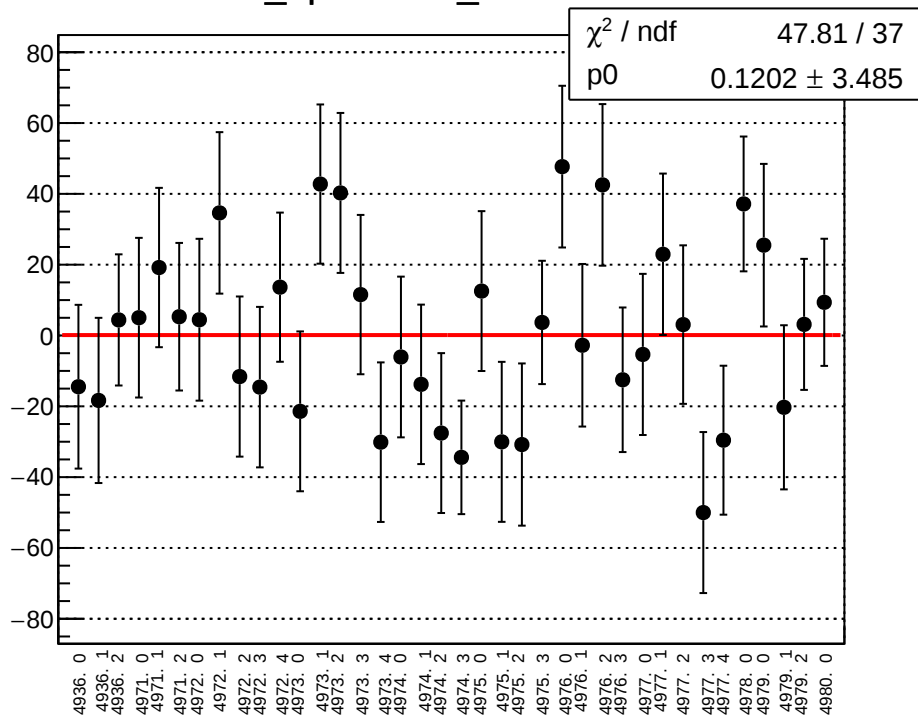
diff\_bpm0l10X\_mean vs run



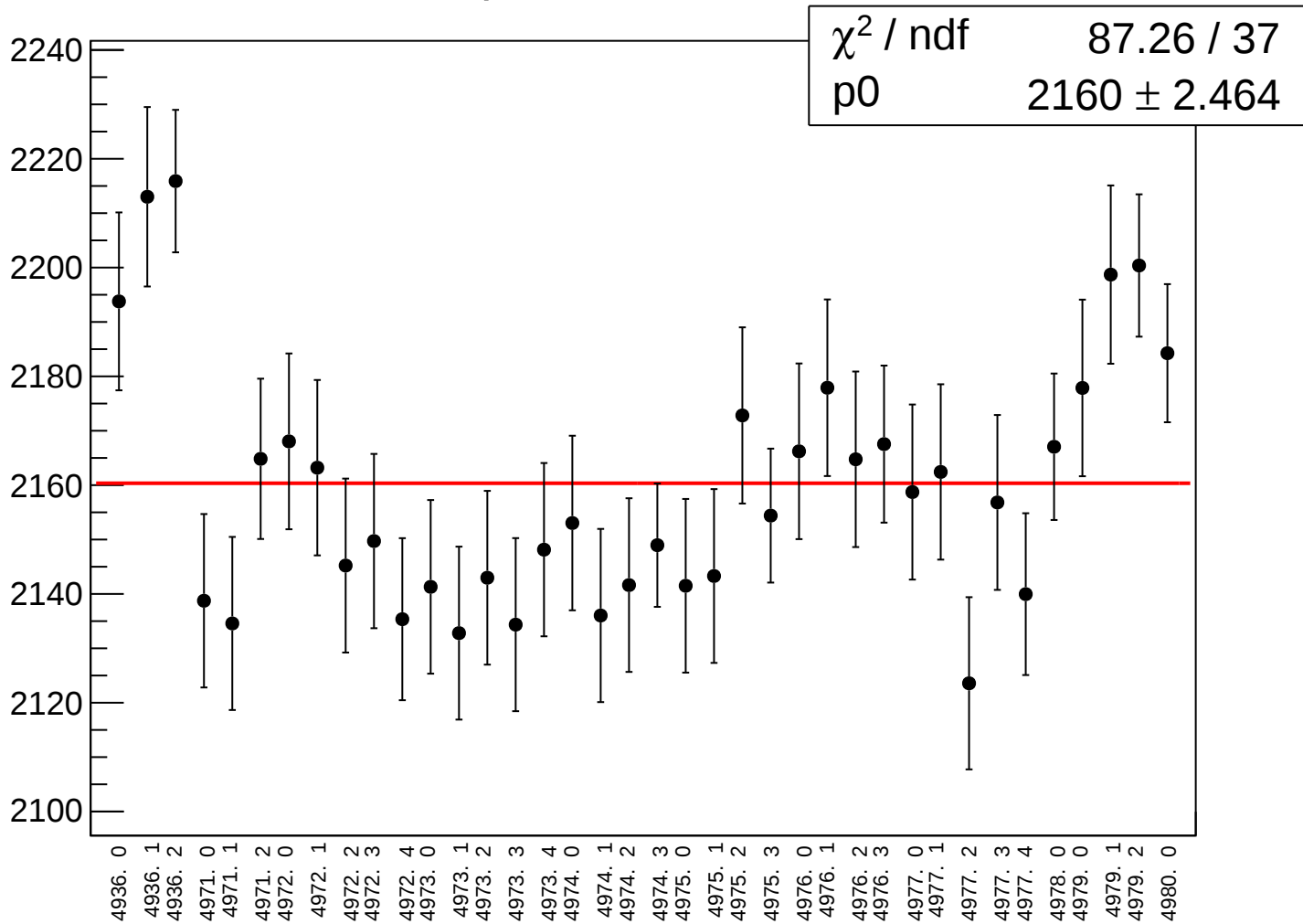
diff\_bpm0l10X\_rms vs run



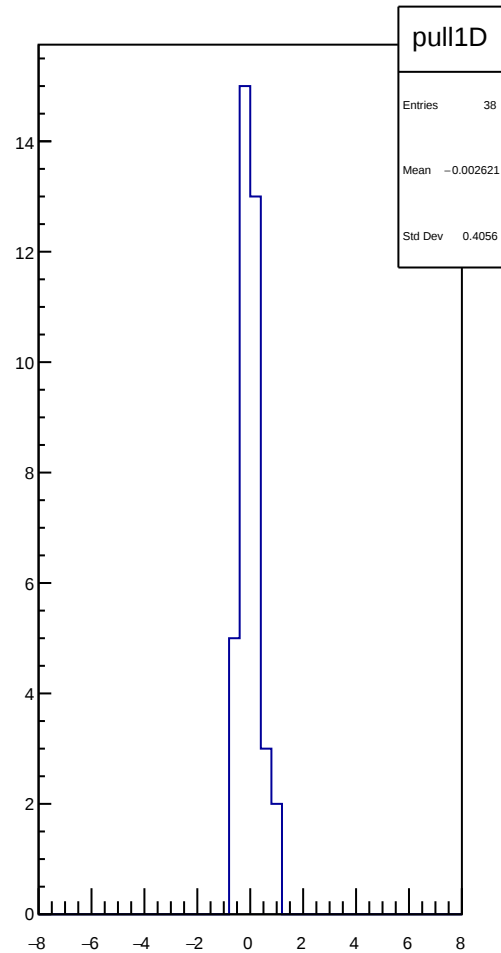
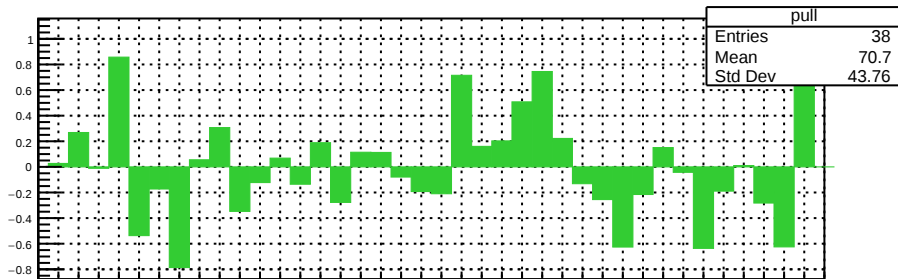
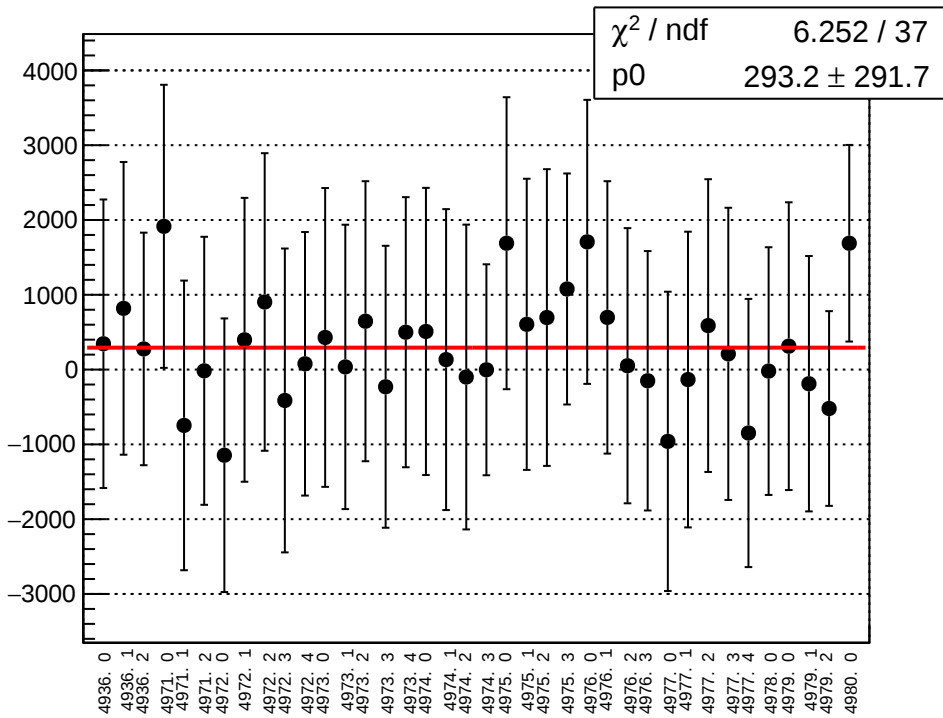
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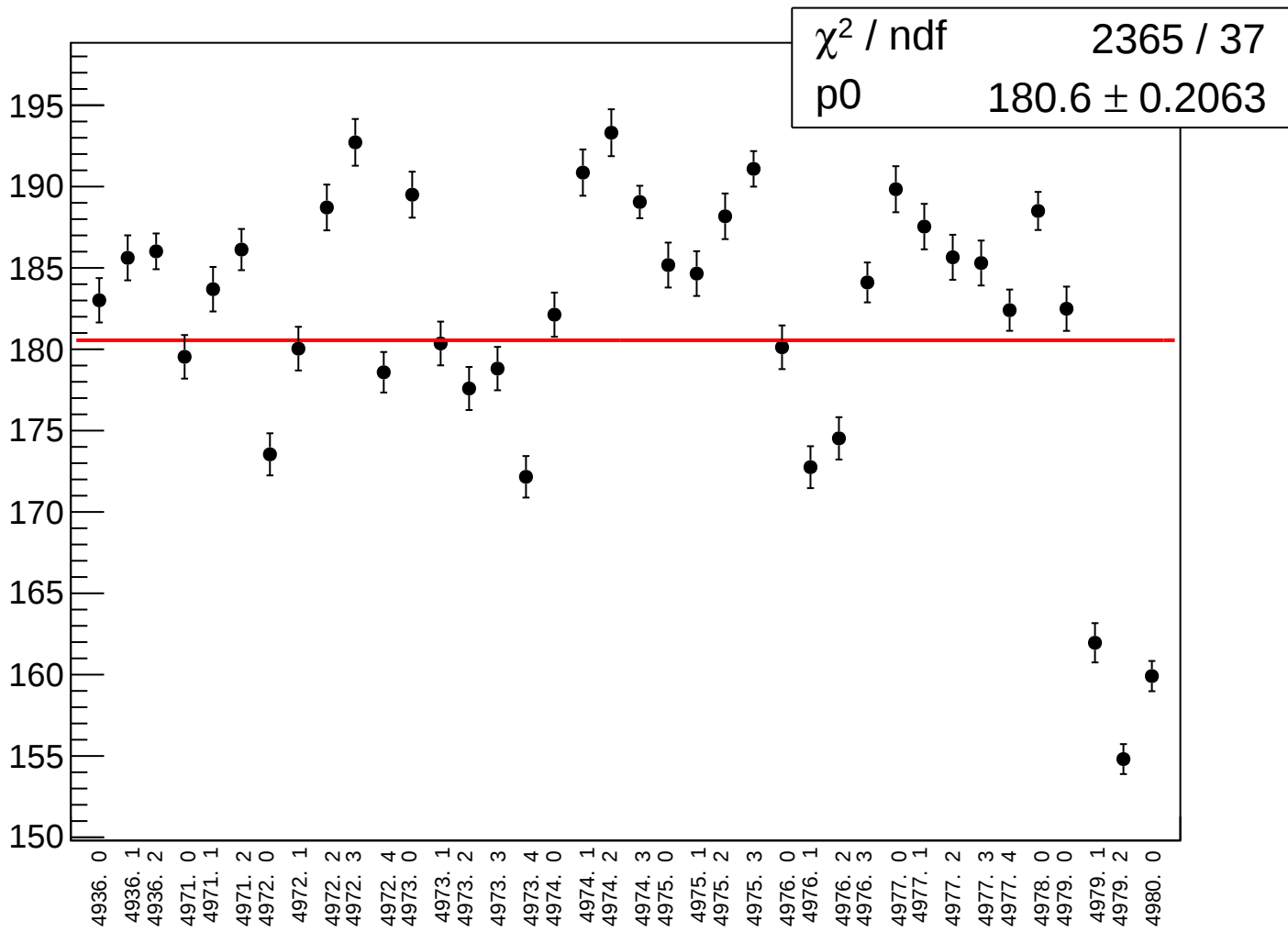
# diff\_bpm0l10Y\_rms vs run



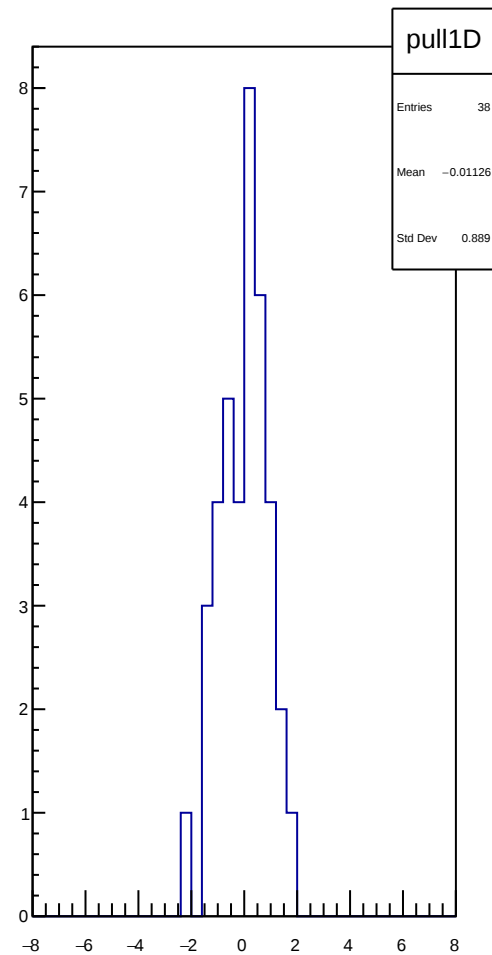
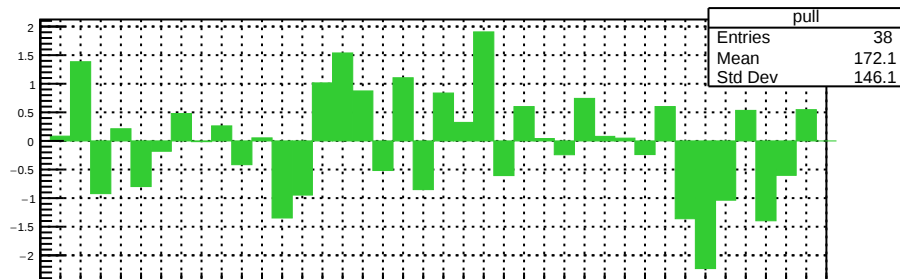
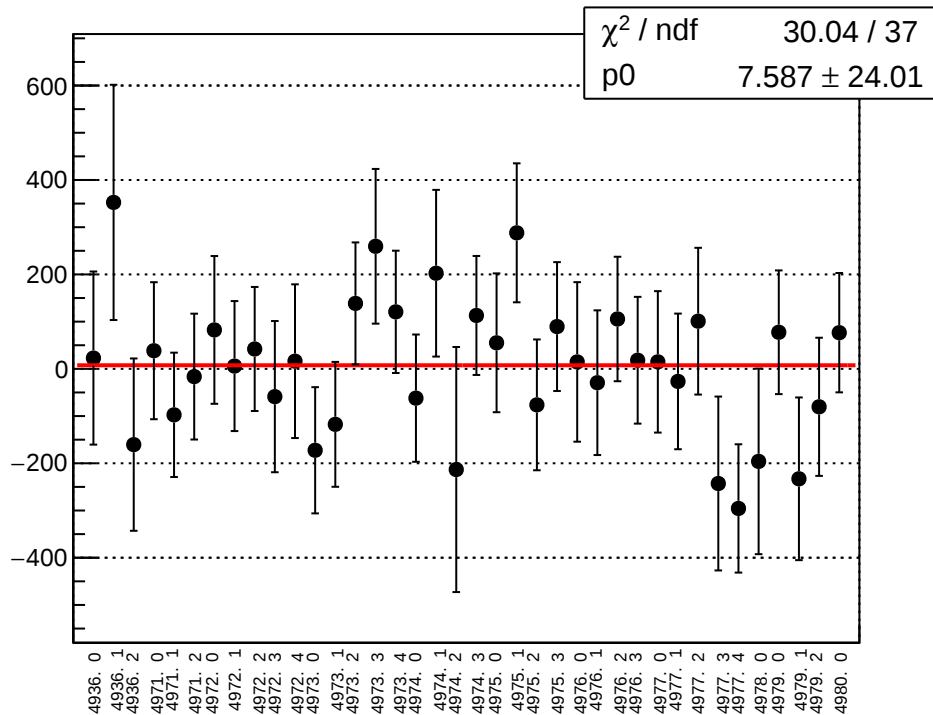
asym\_bcm\_an\_us\_bcm\_an\_ds\_agg\_avg\_mean vs run



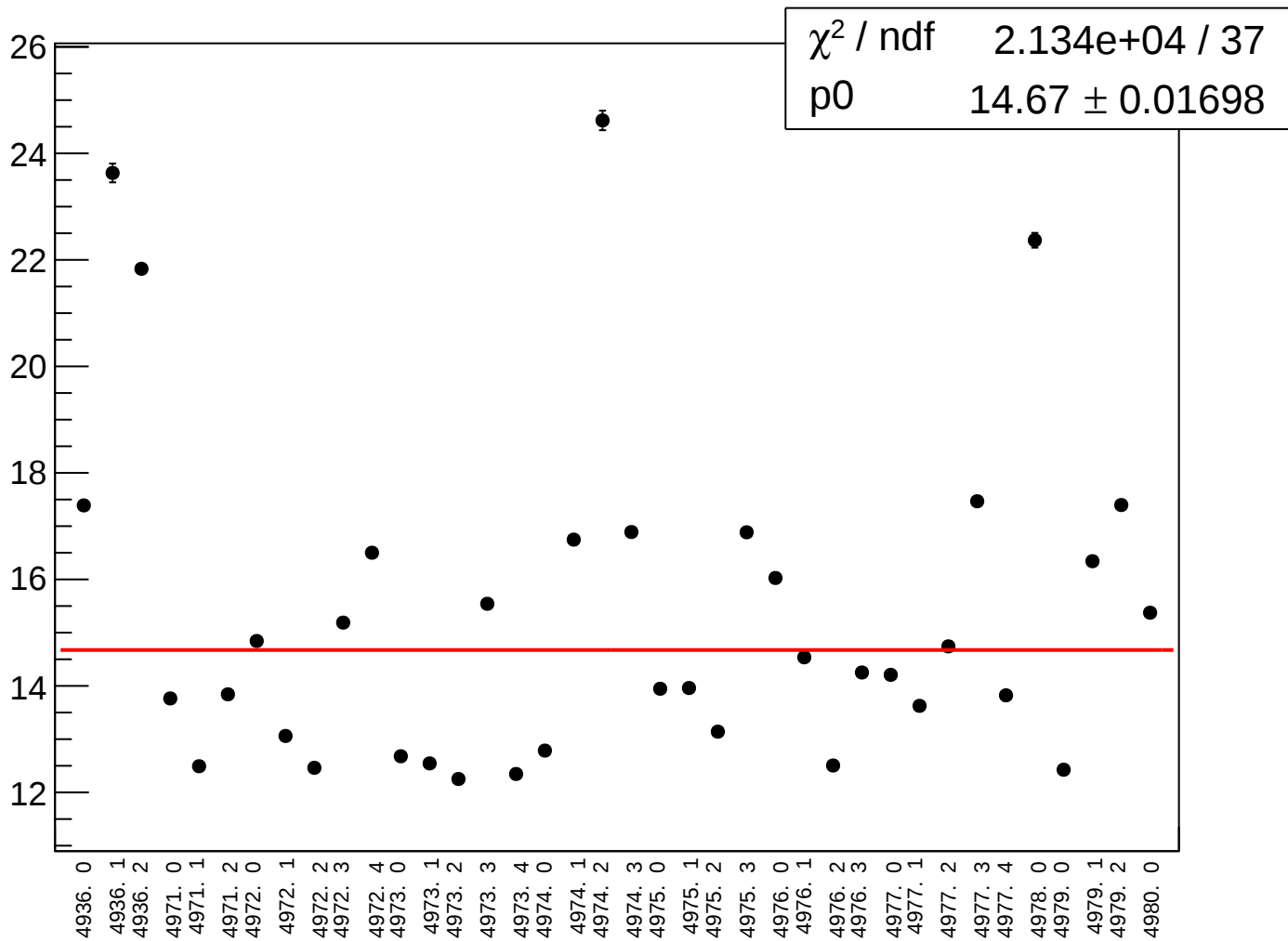
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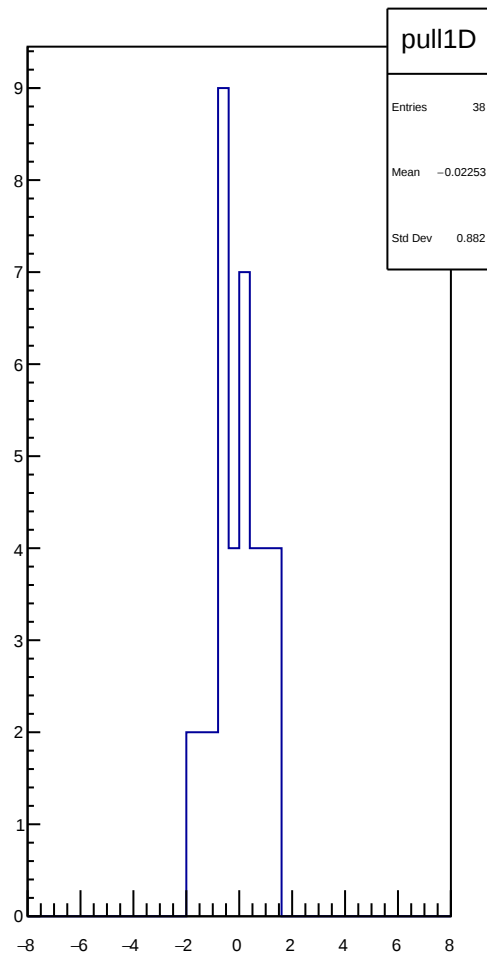
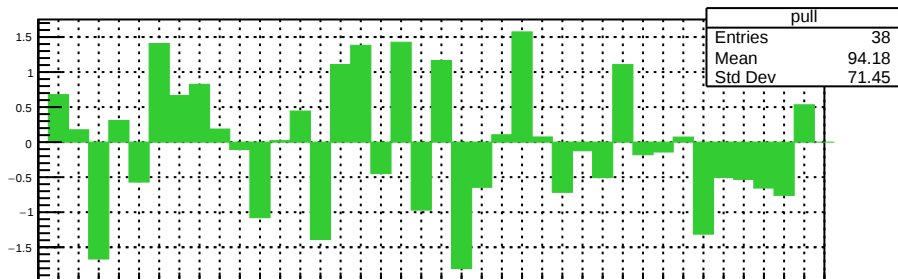
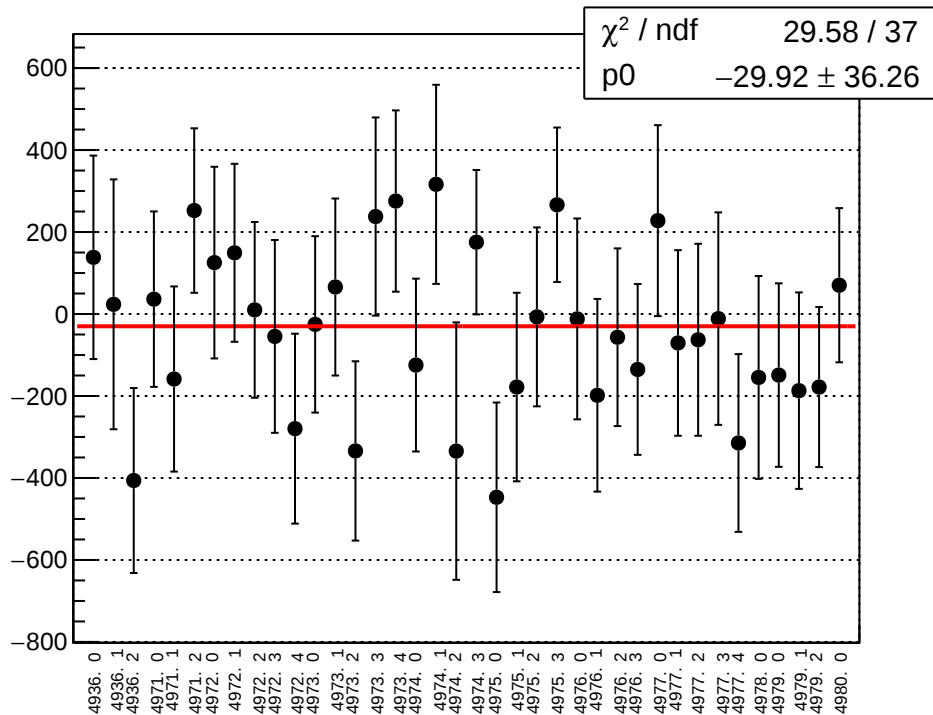
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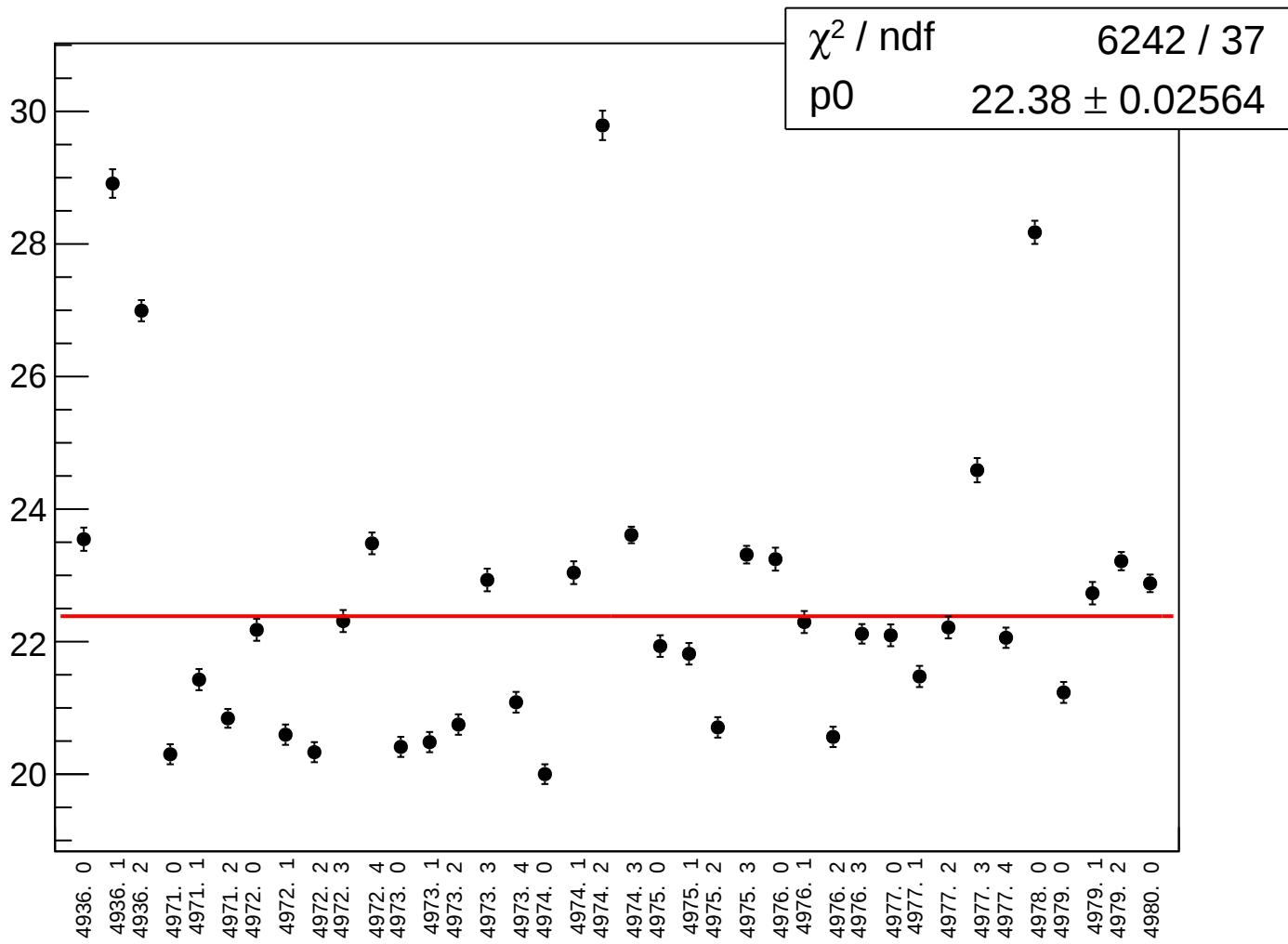
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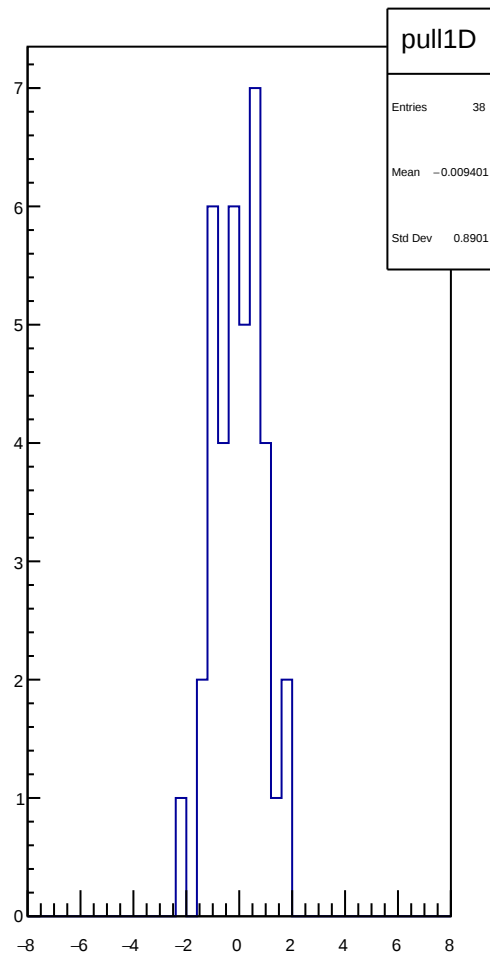
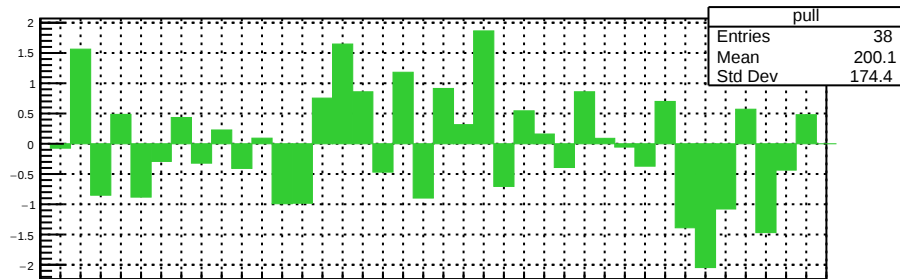
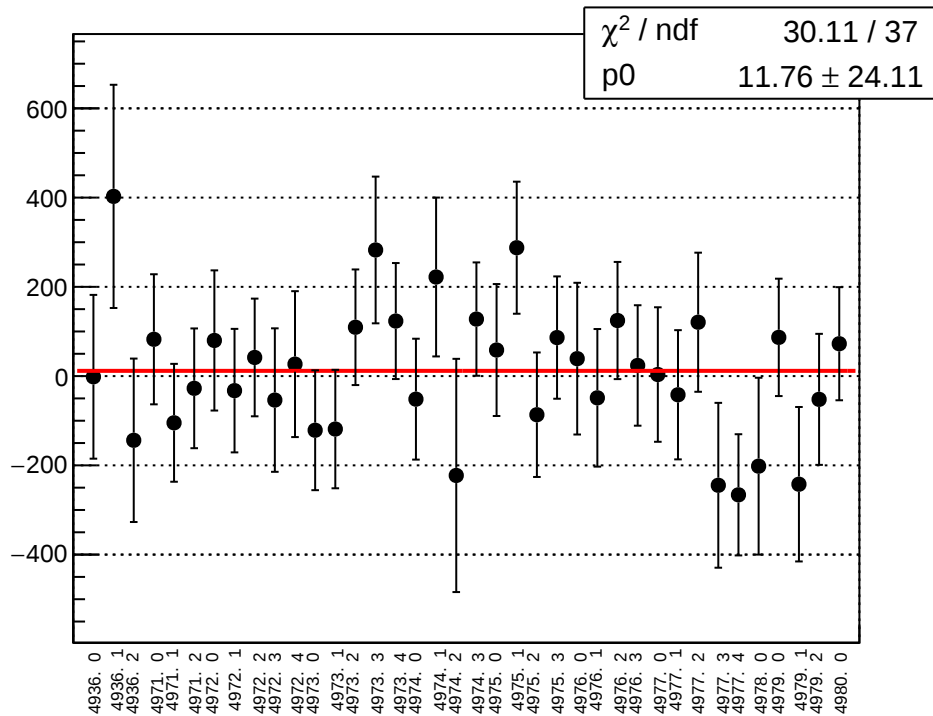
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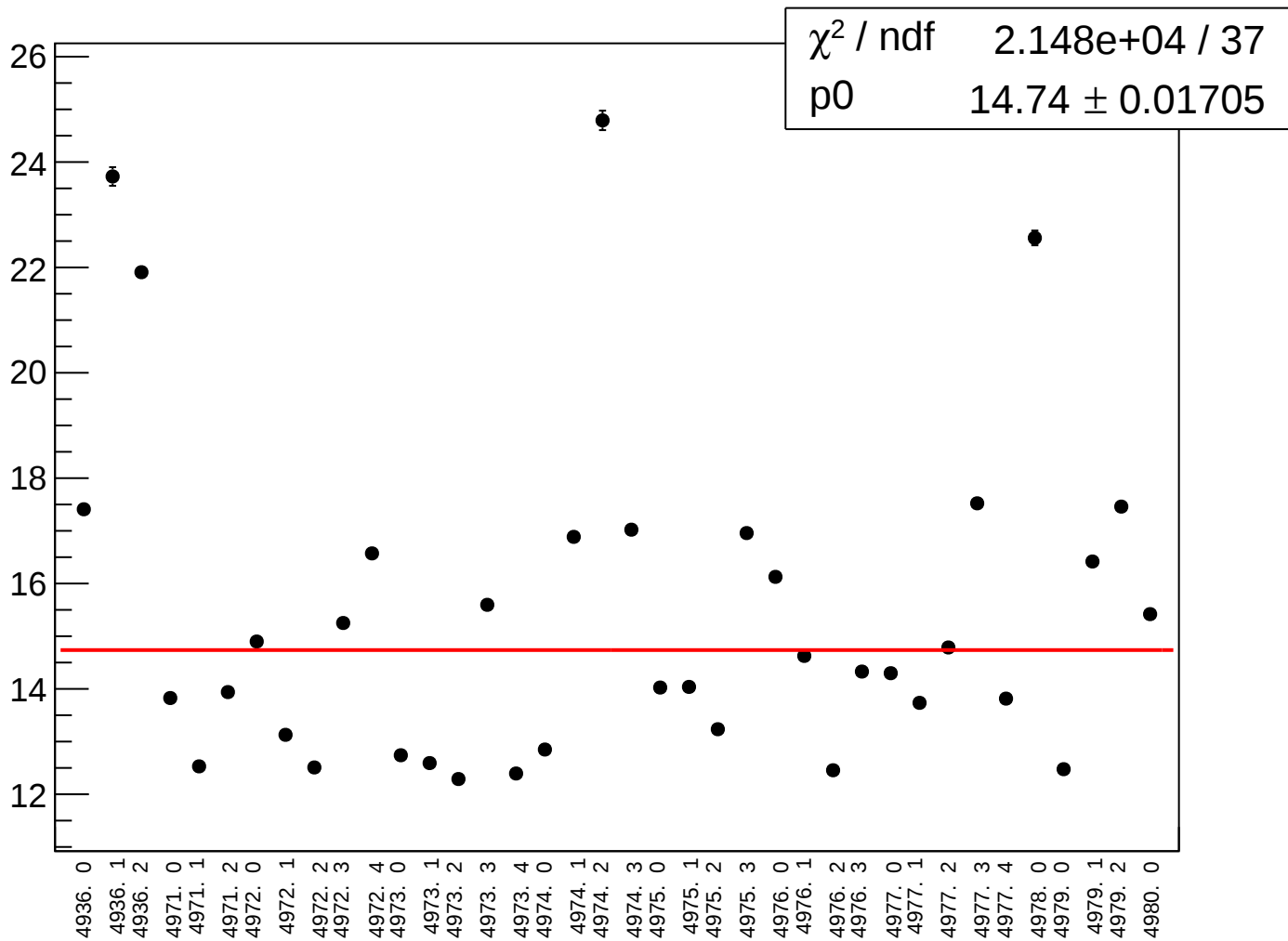
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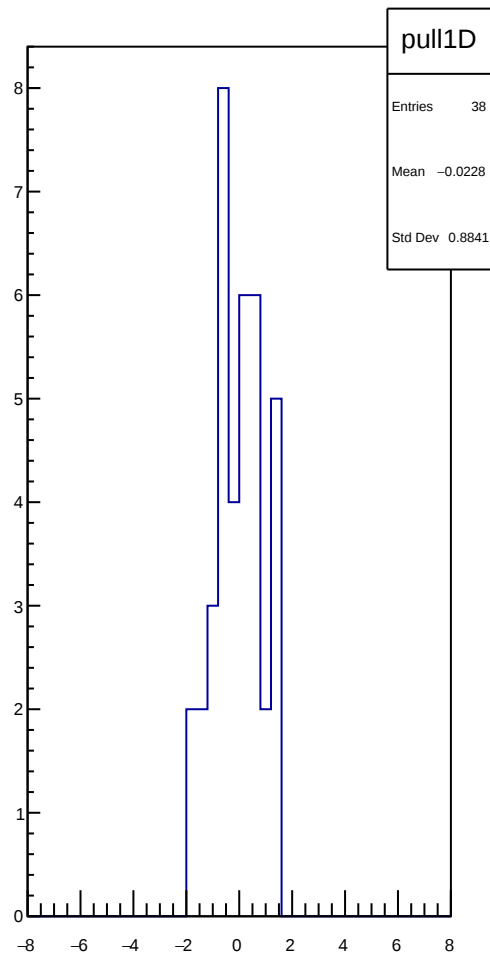
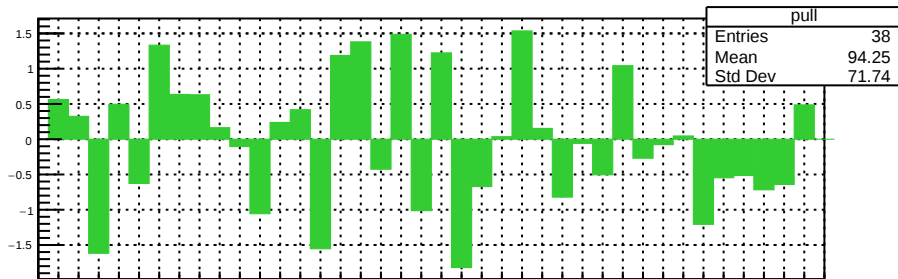
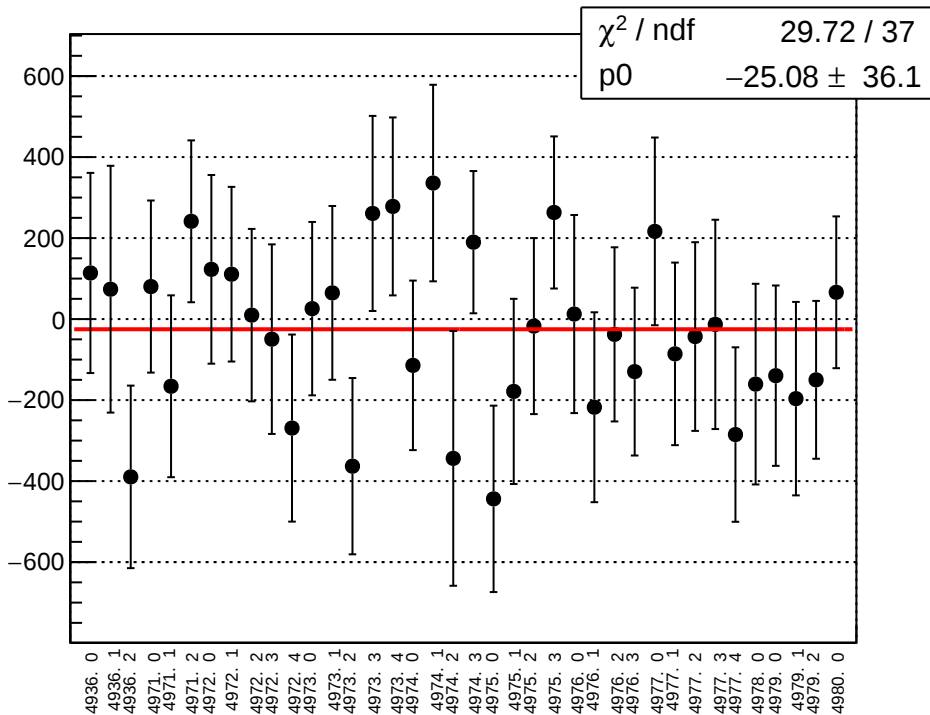
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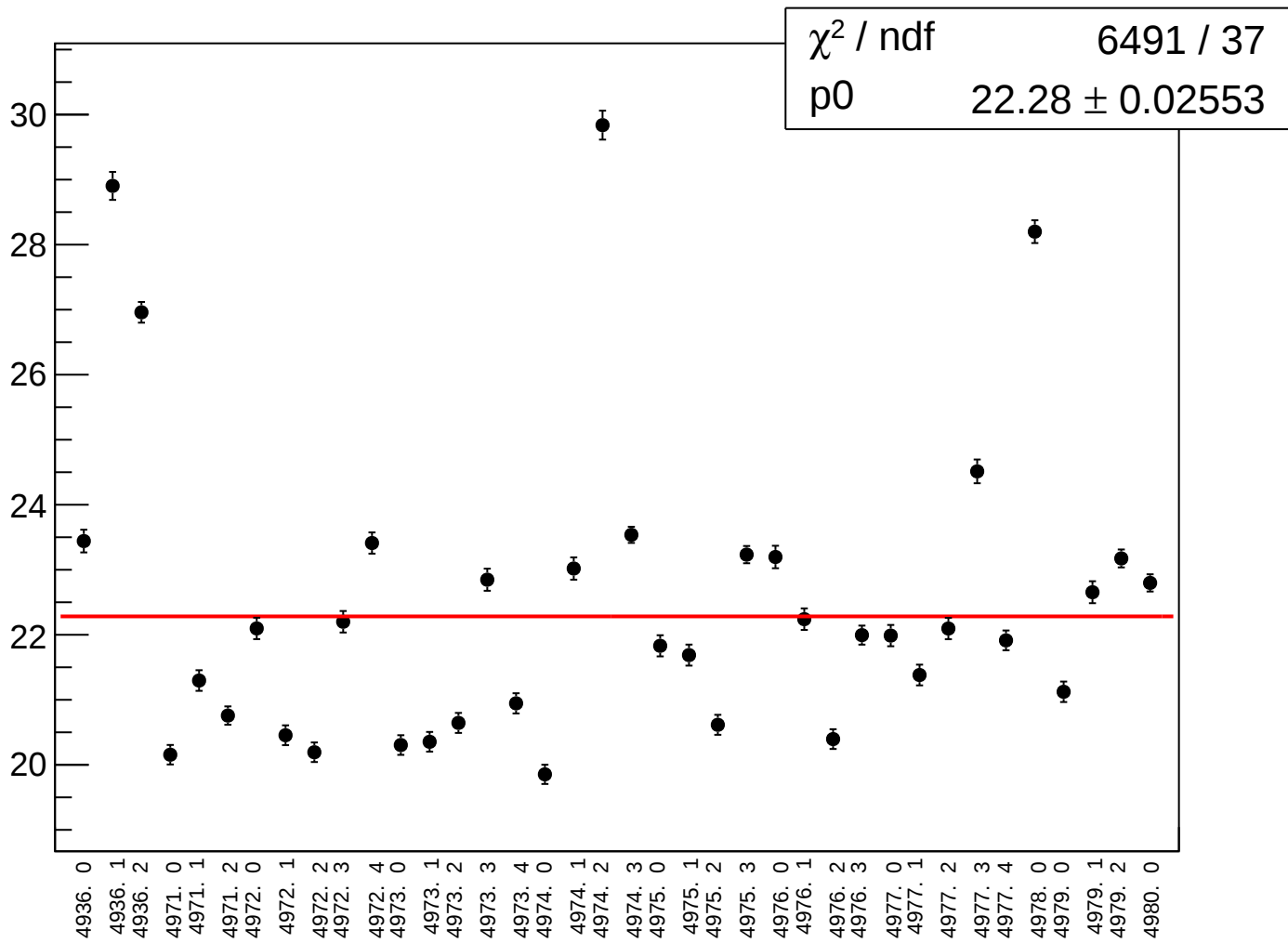
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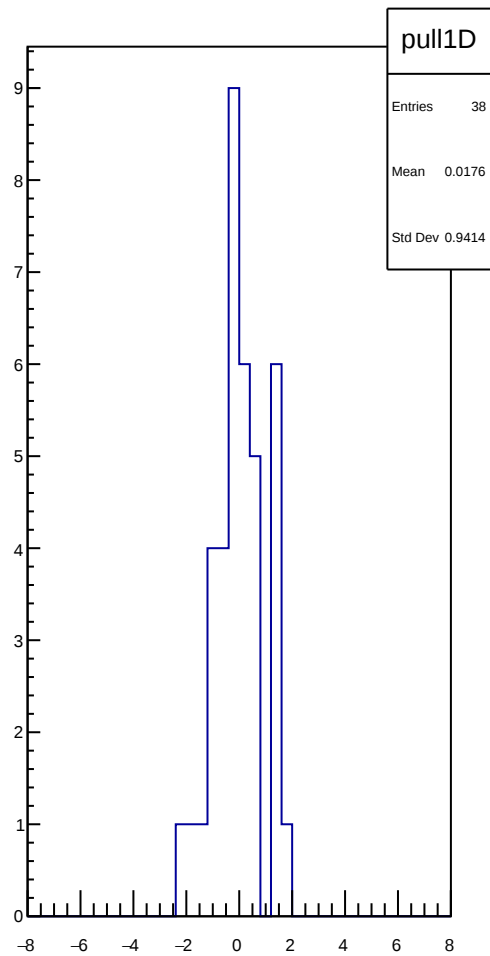
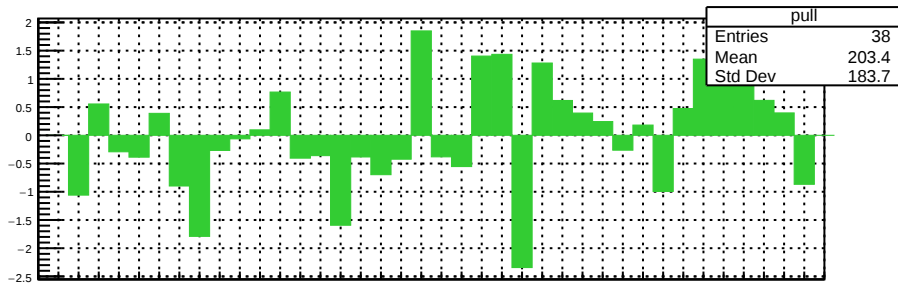
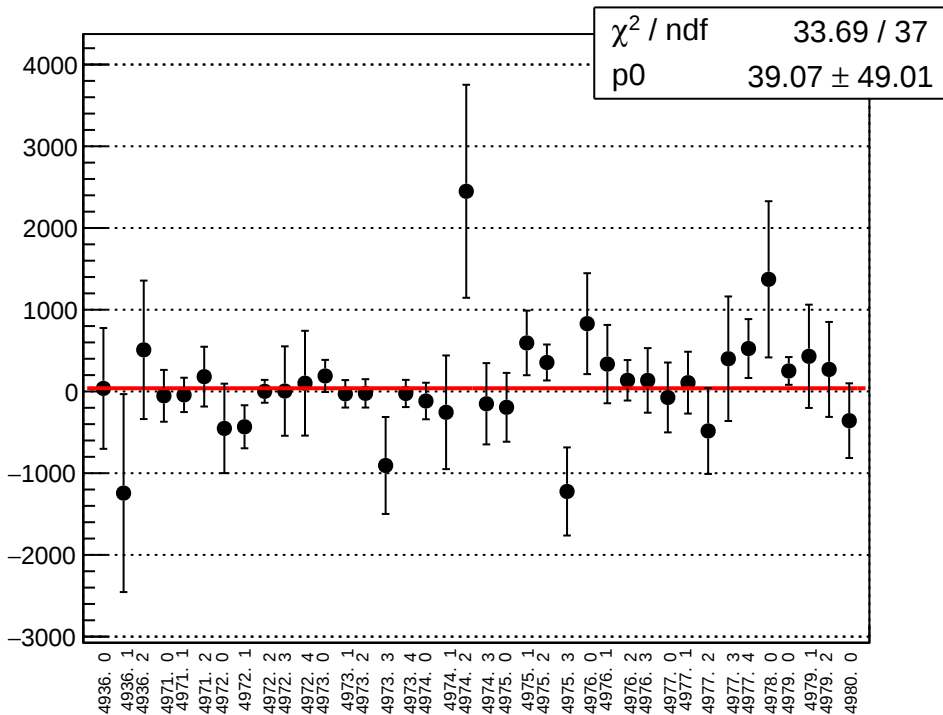
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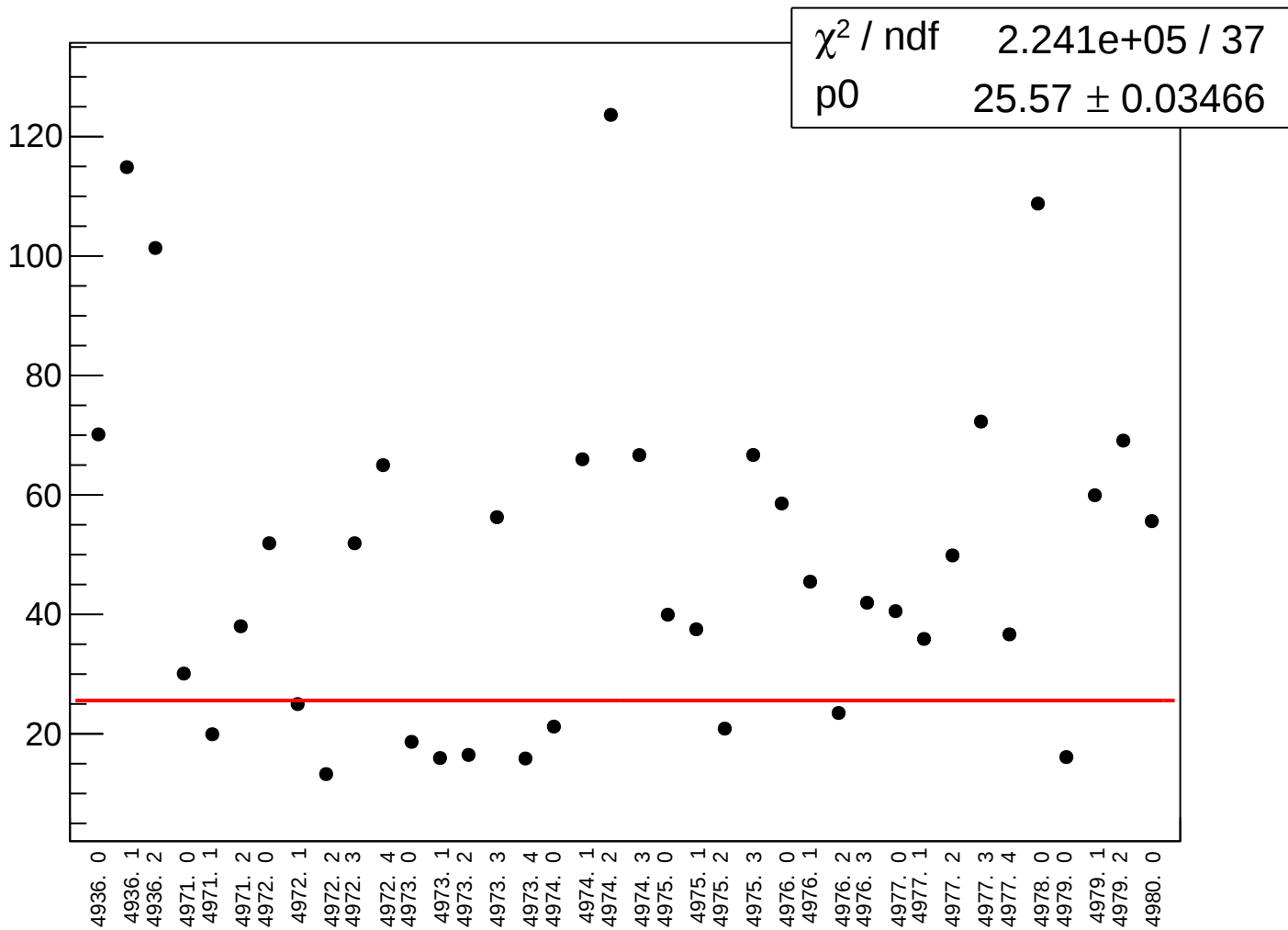
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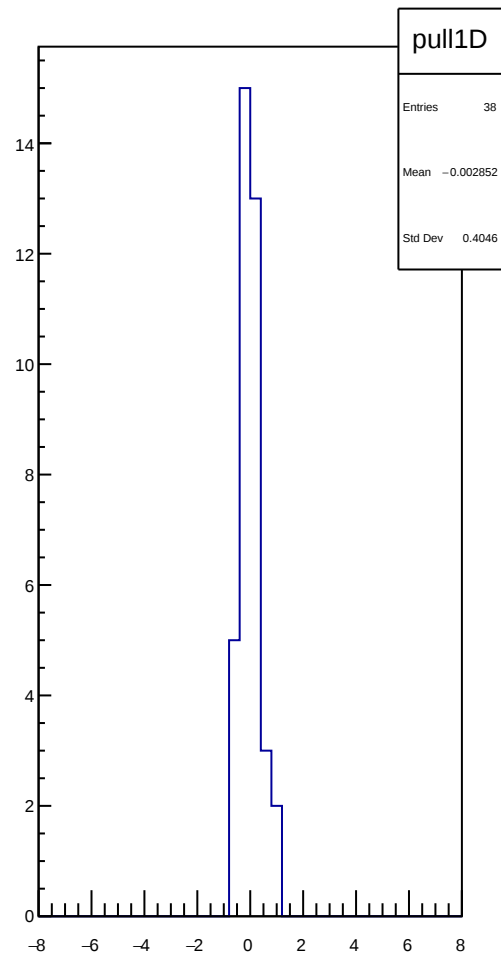
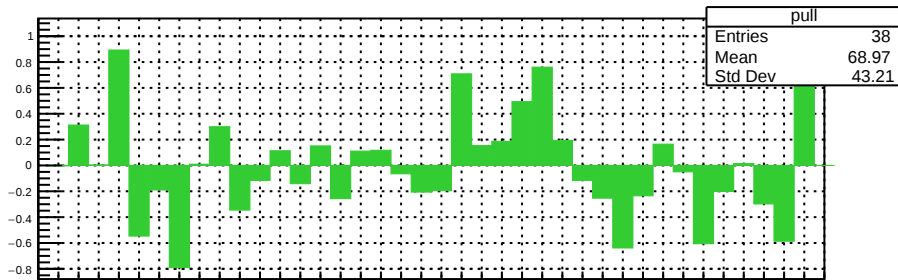
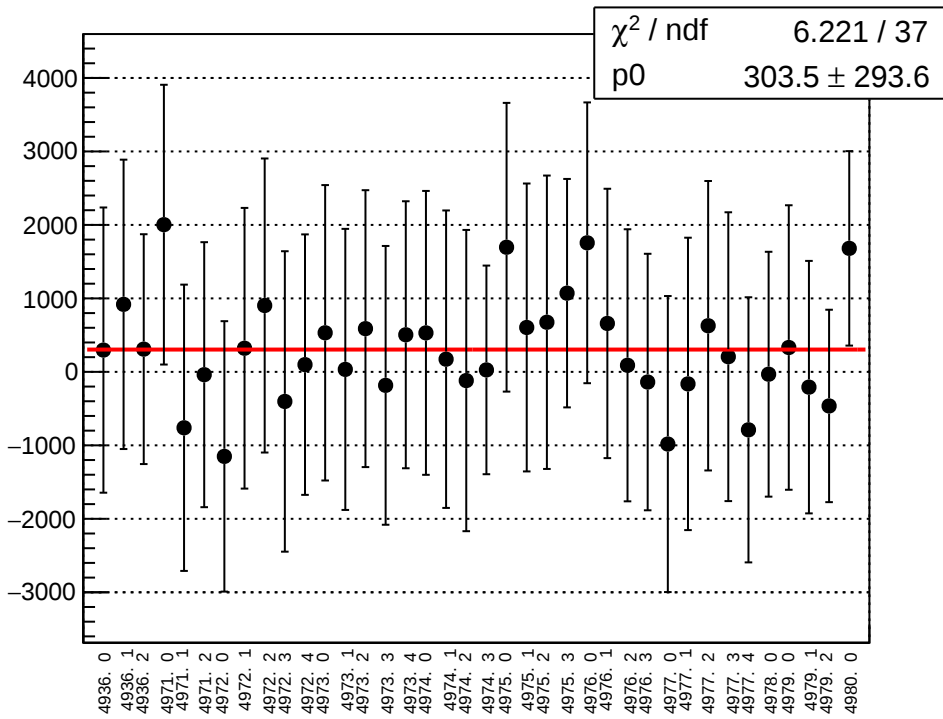
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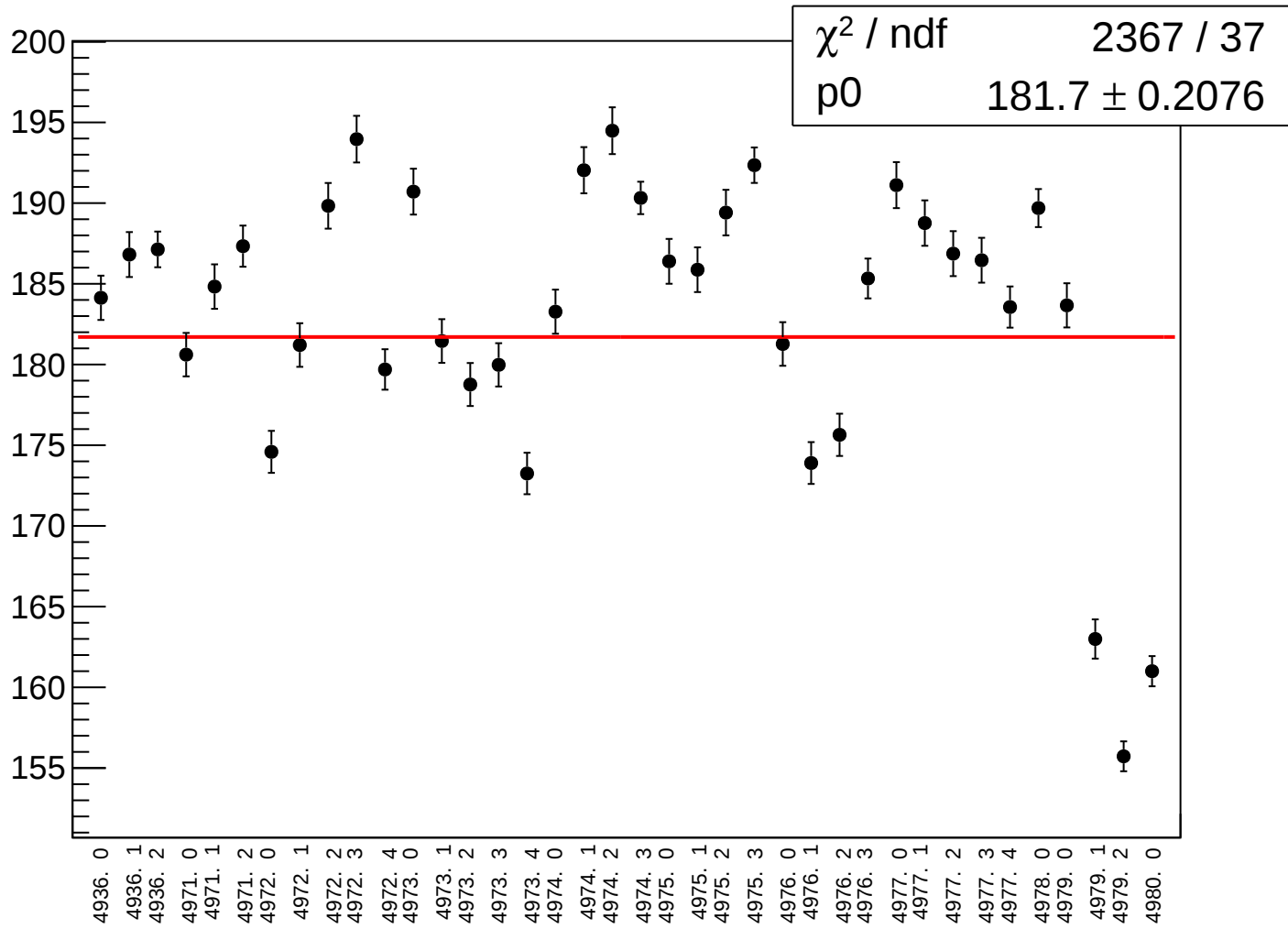
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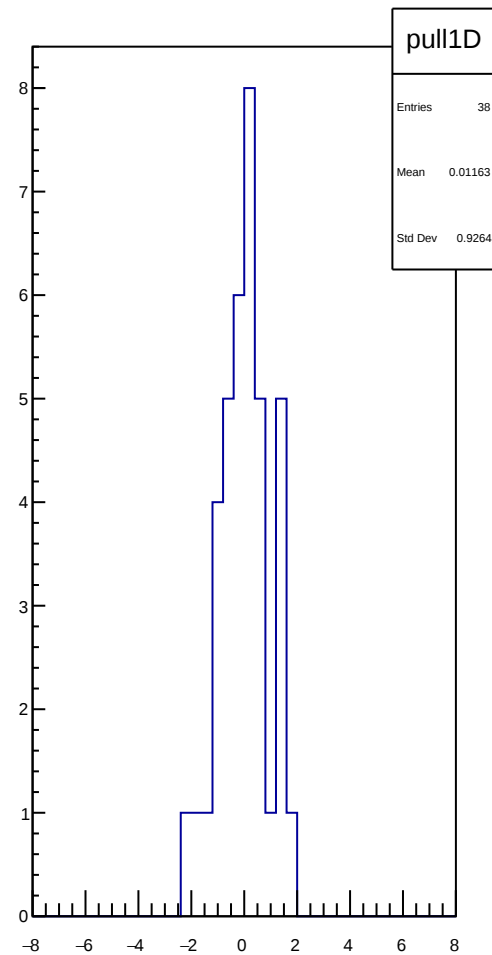
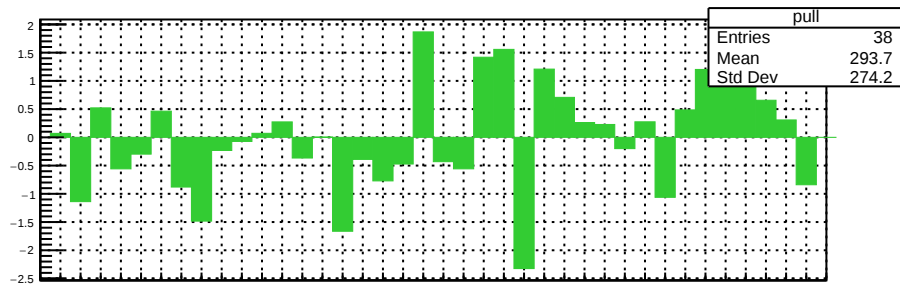
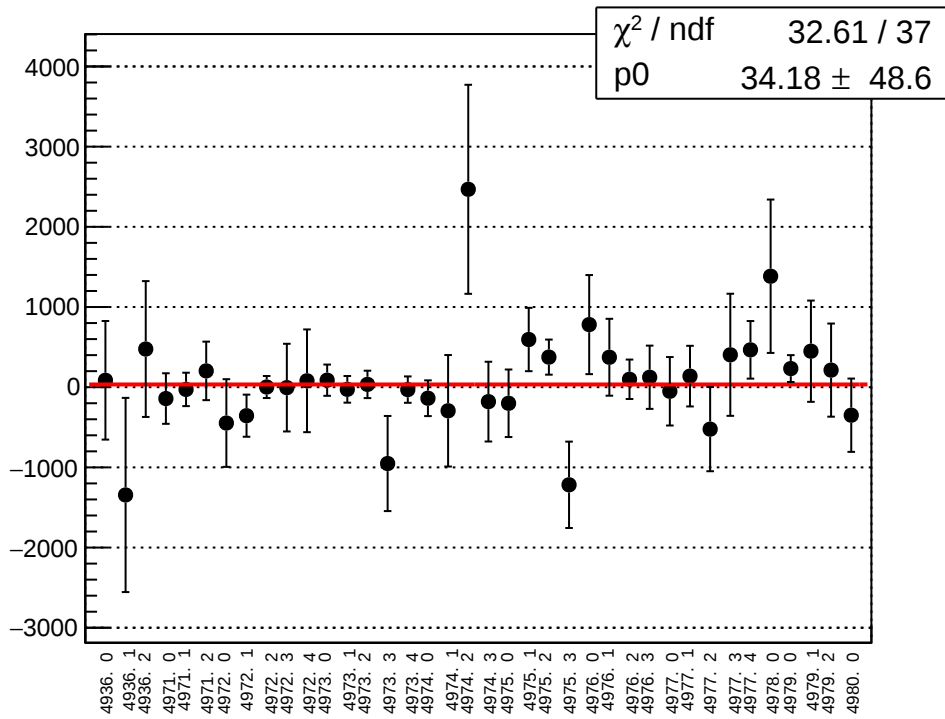
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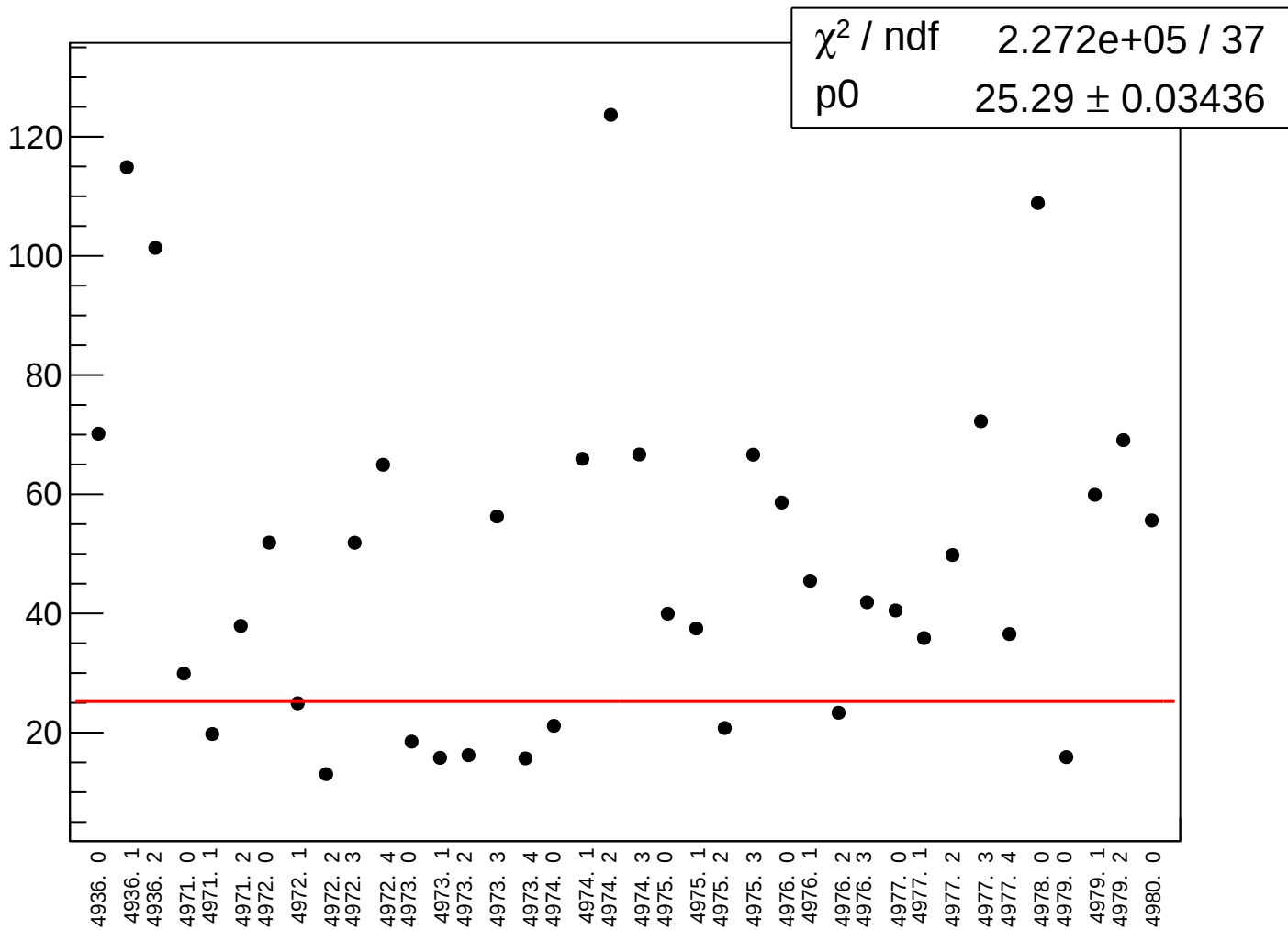
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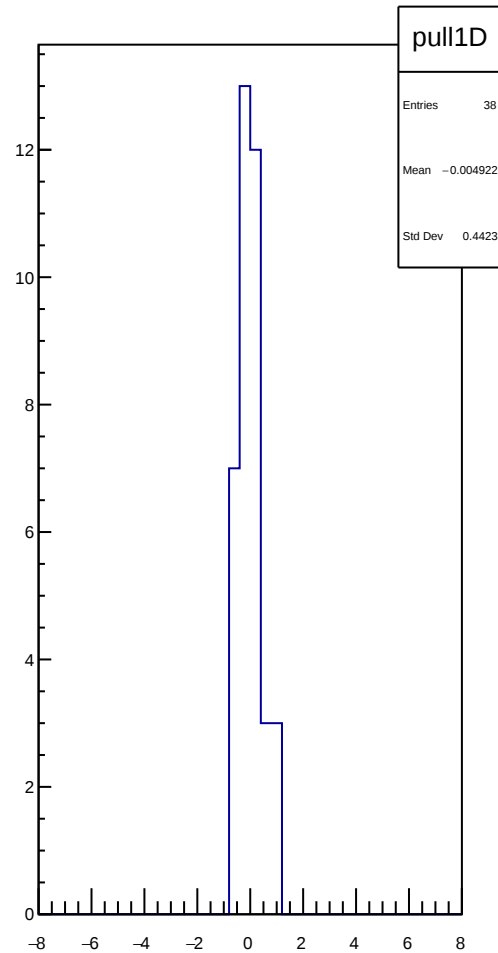
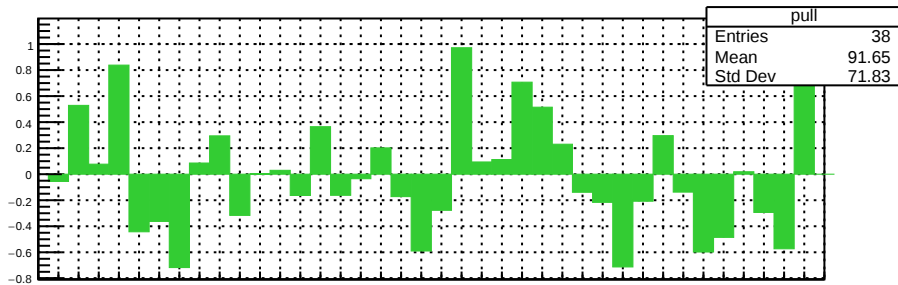
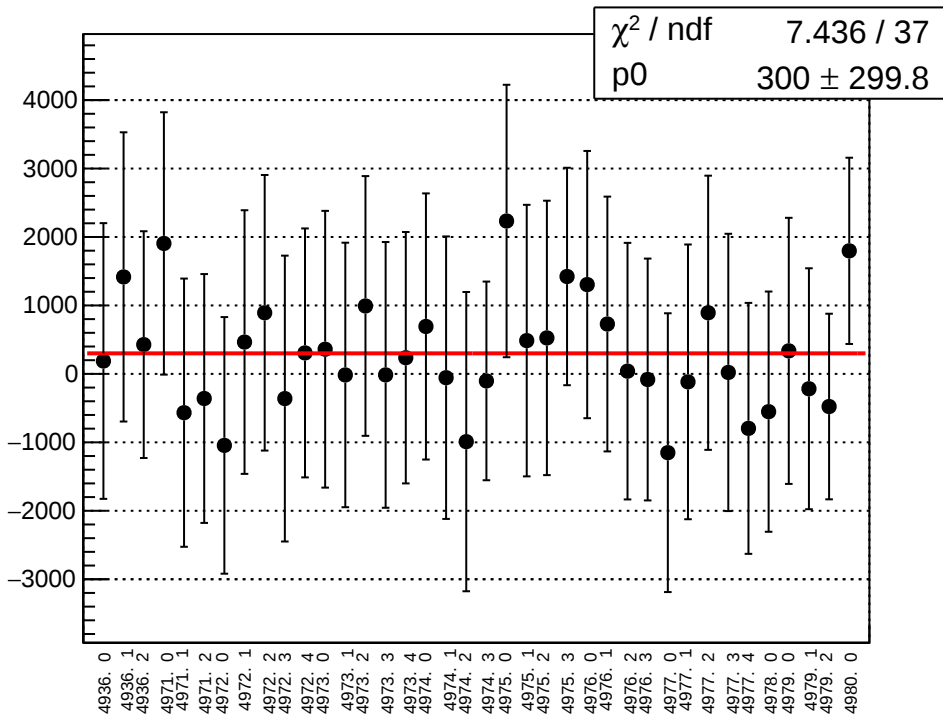
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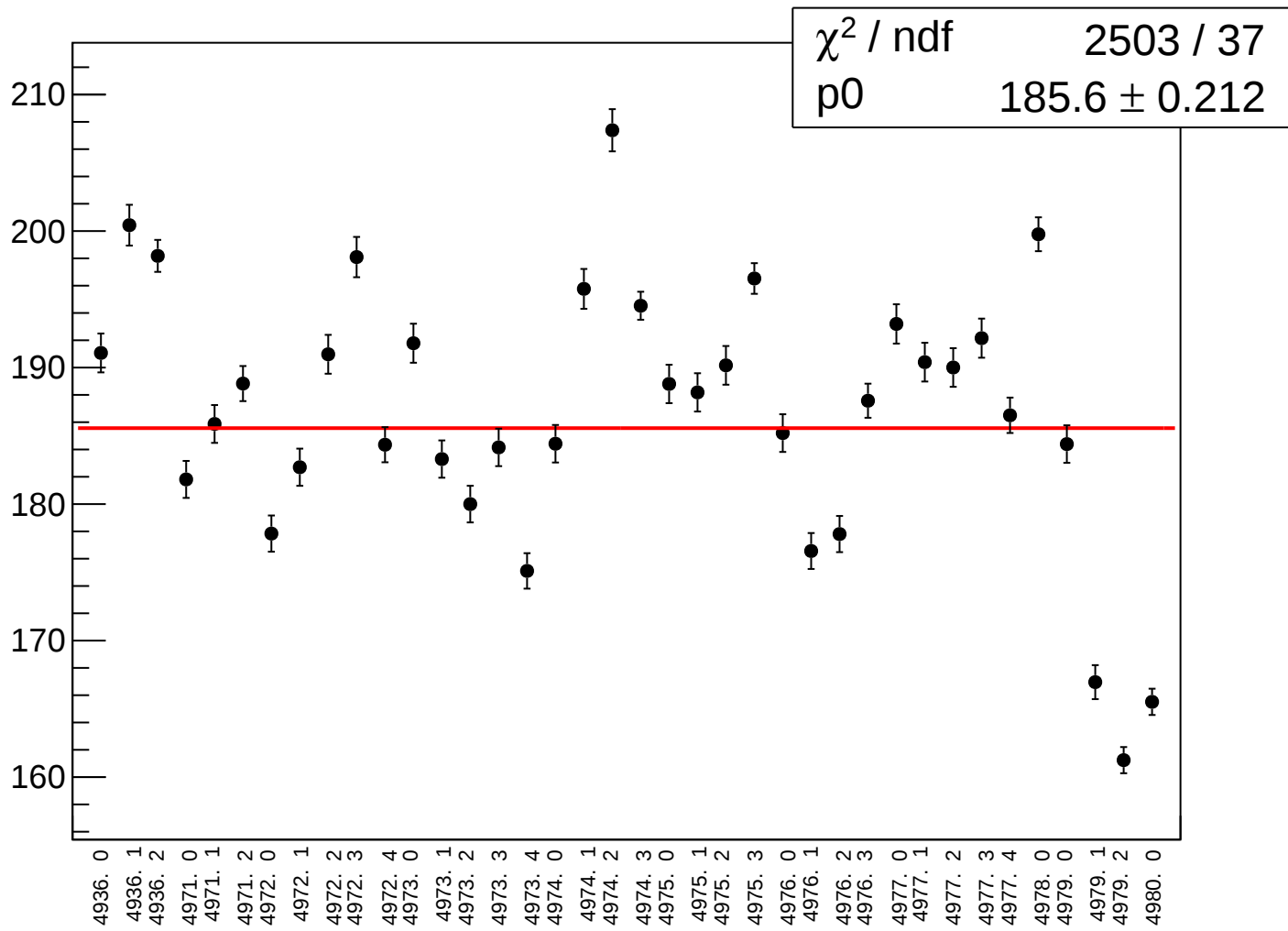
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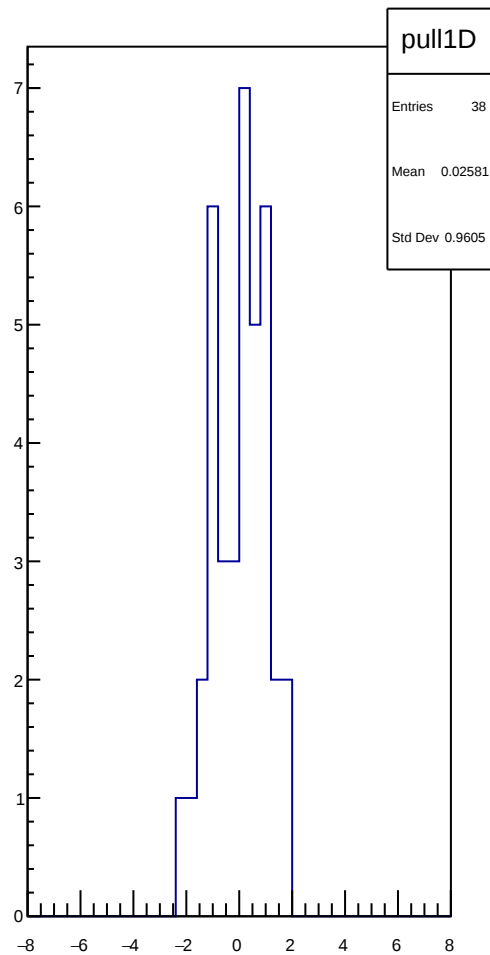
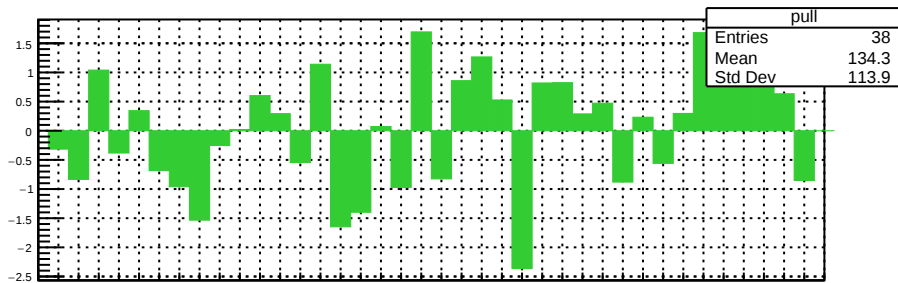
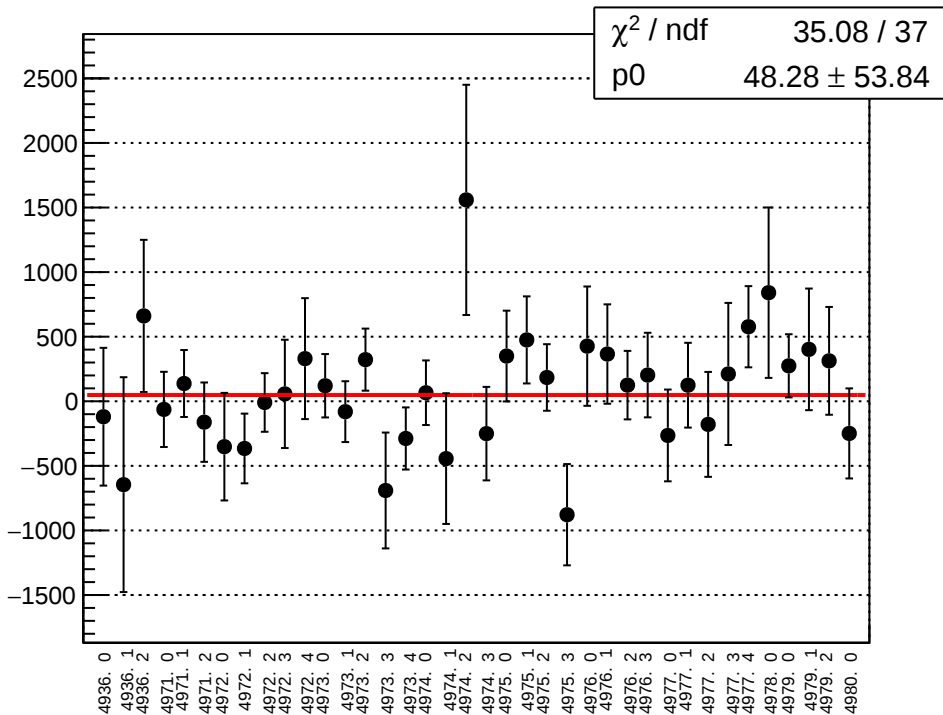
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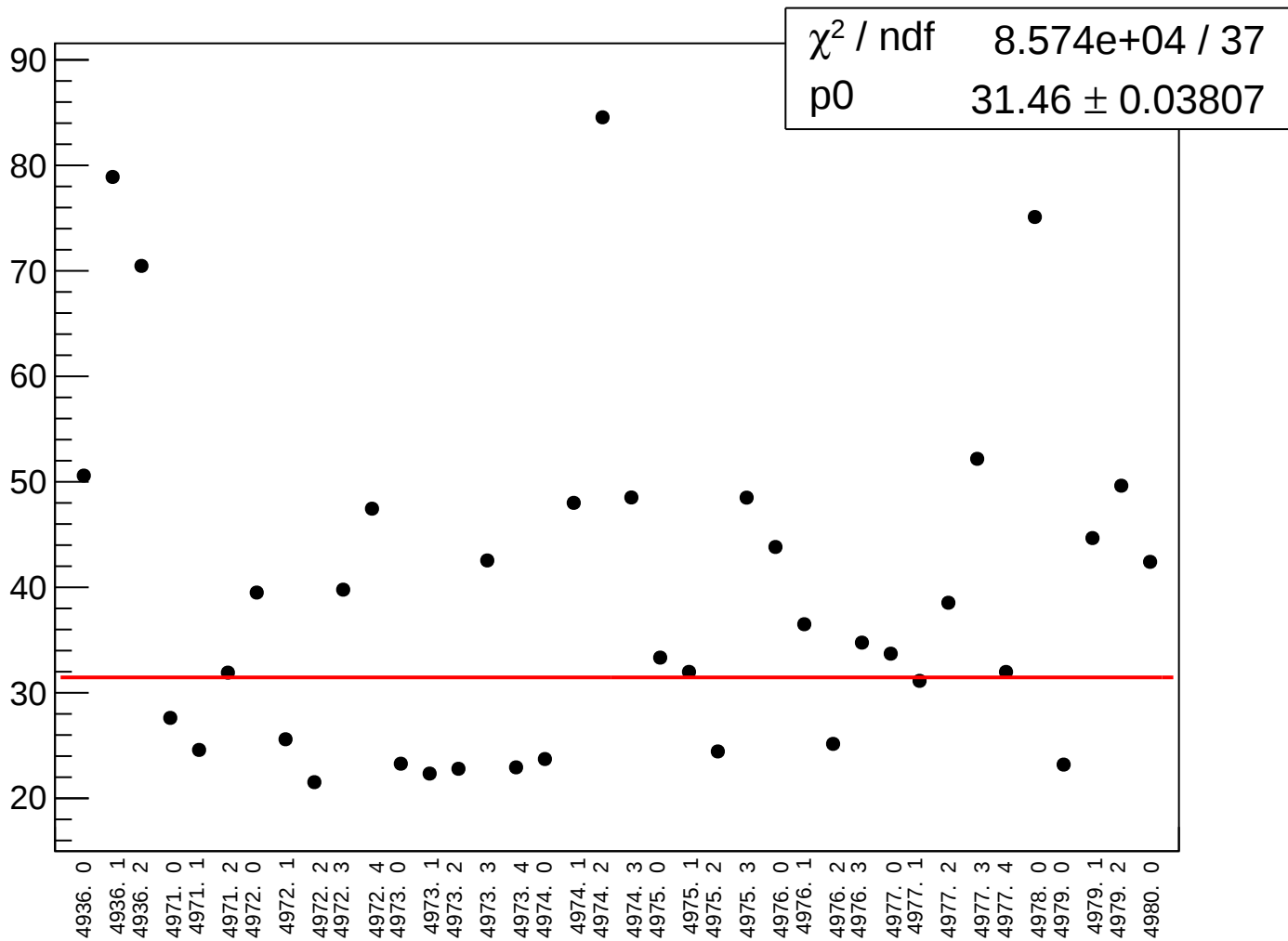
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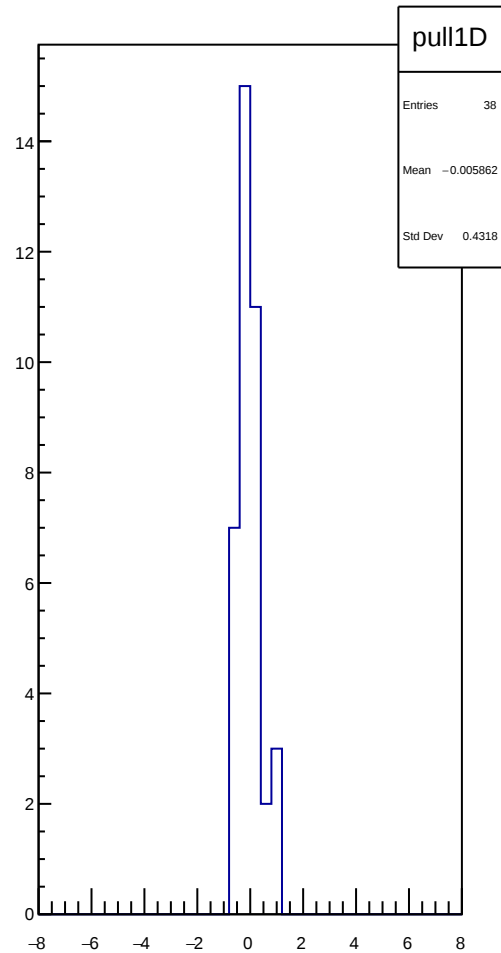
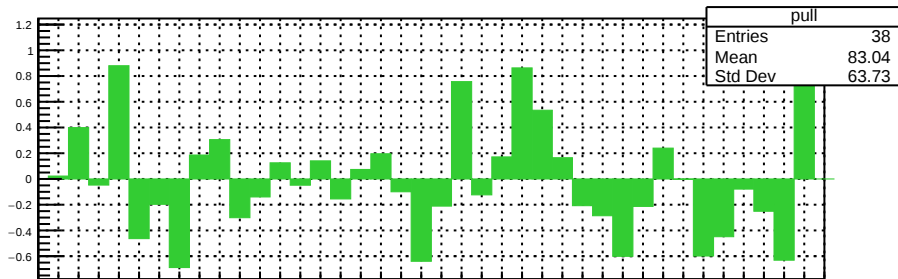
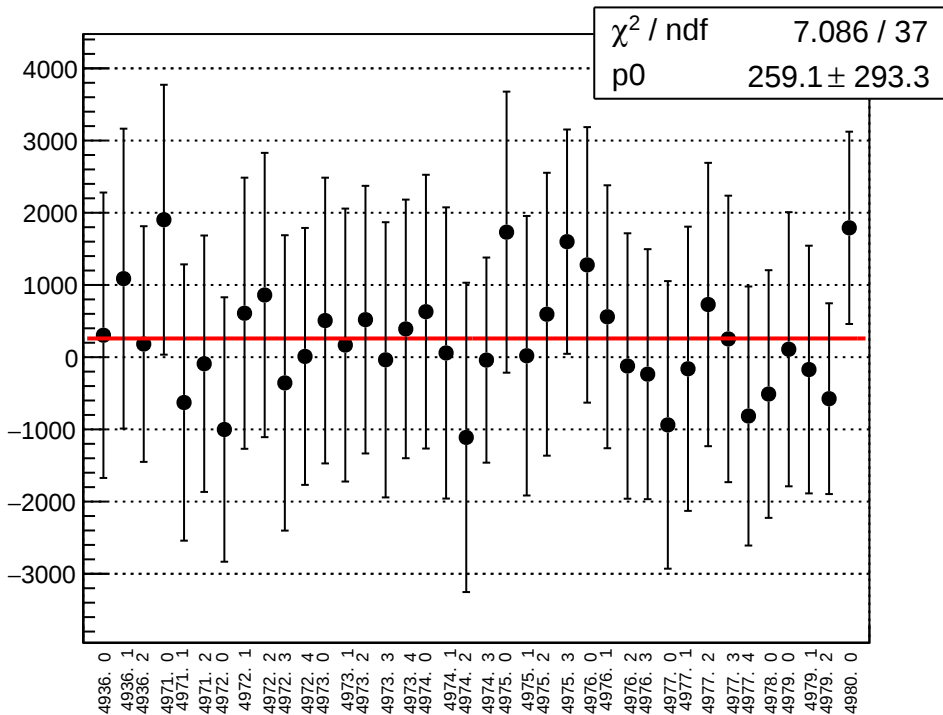
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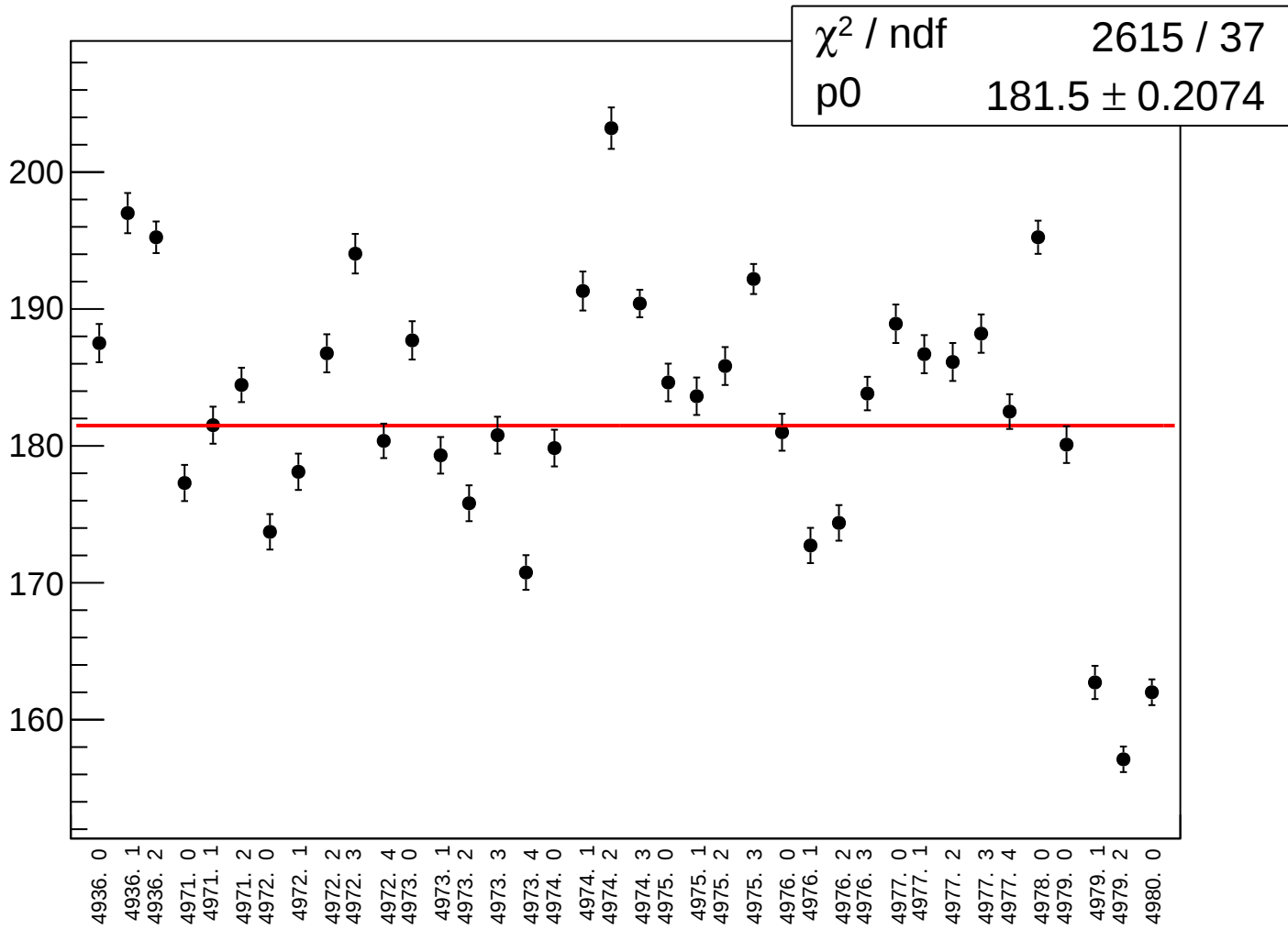
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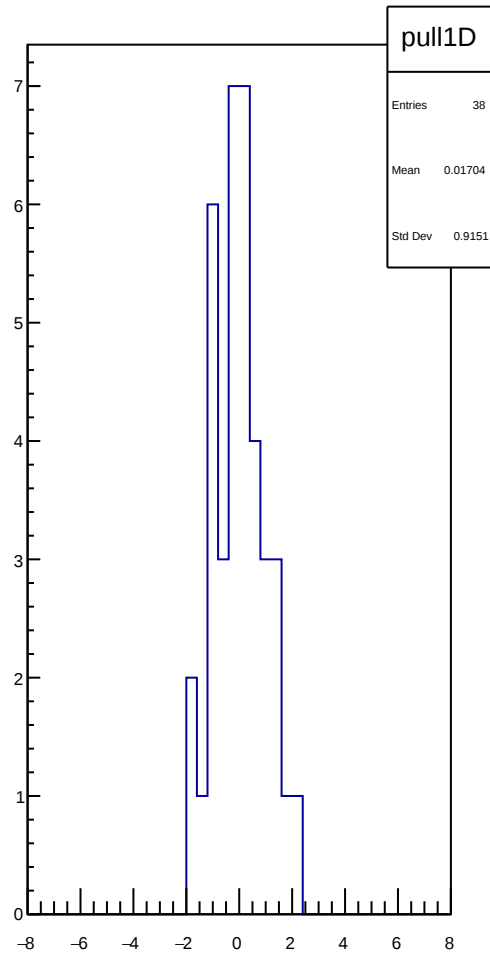
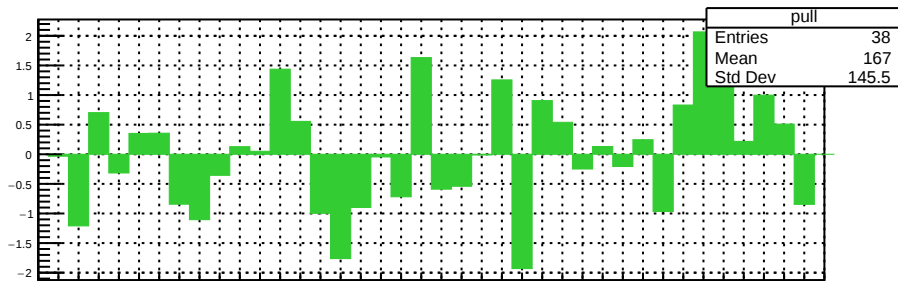
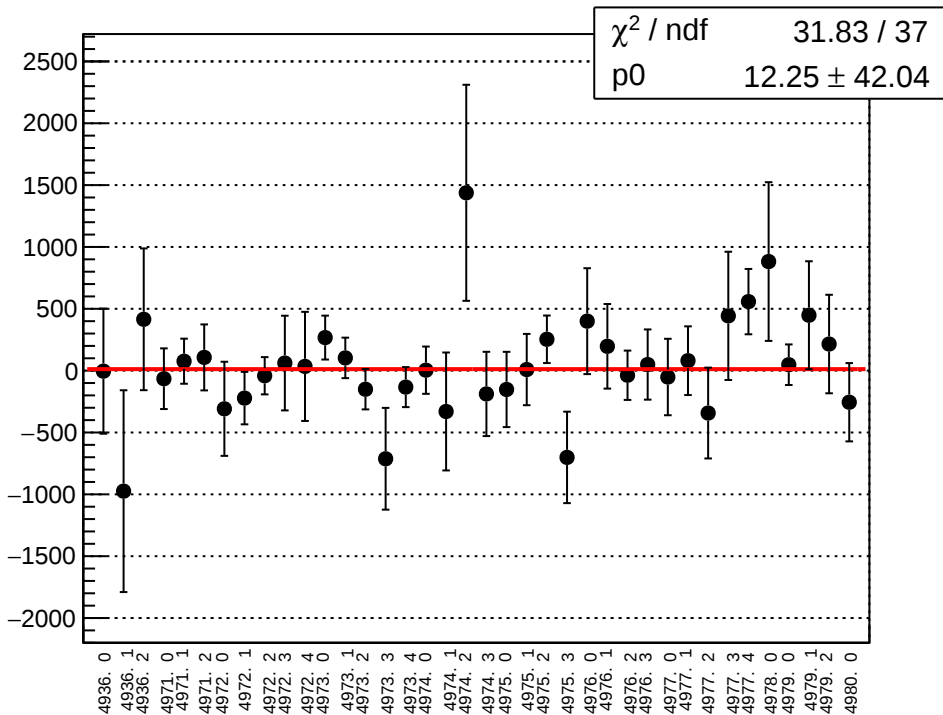
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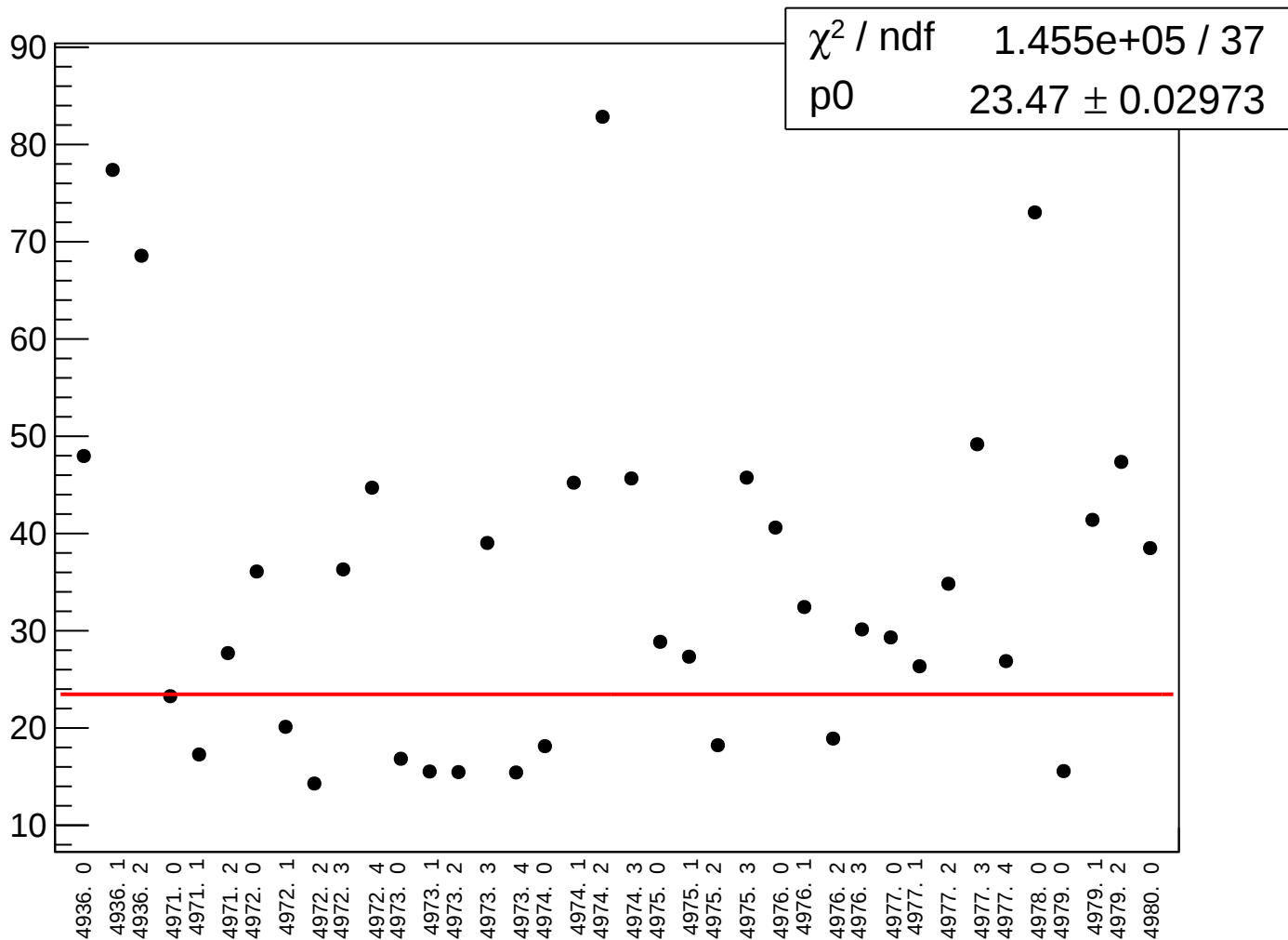
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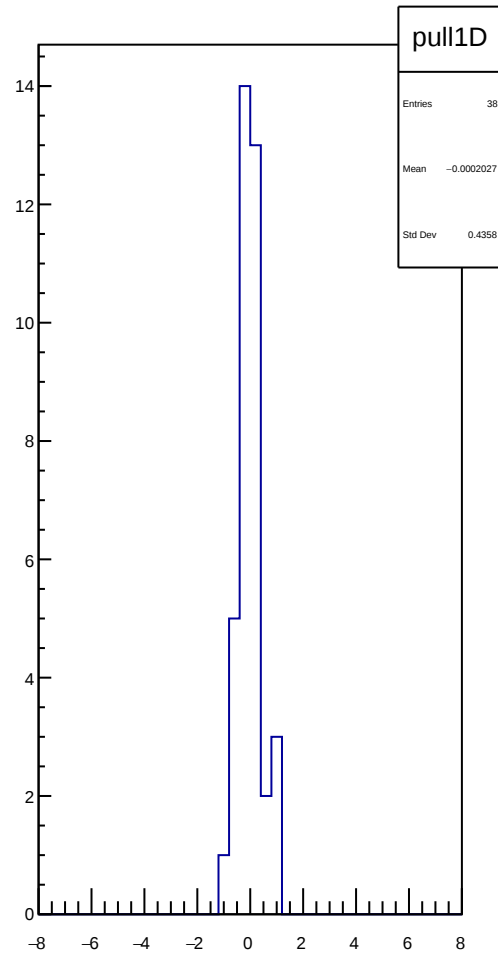
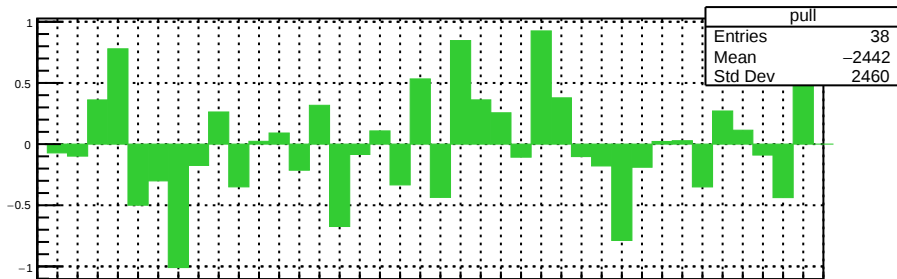
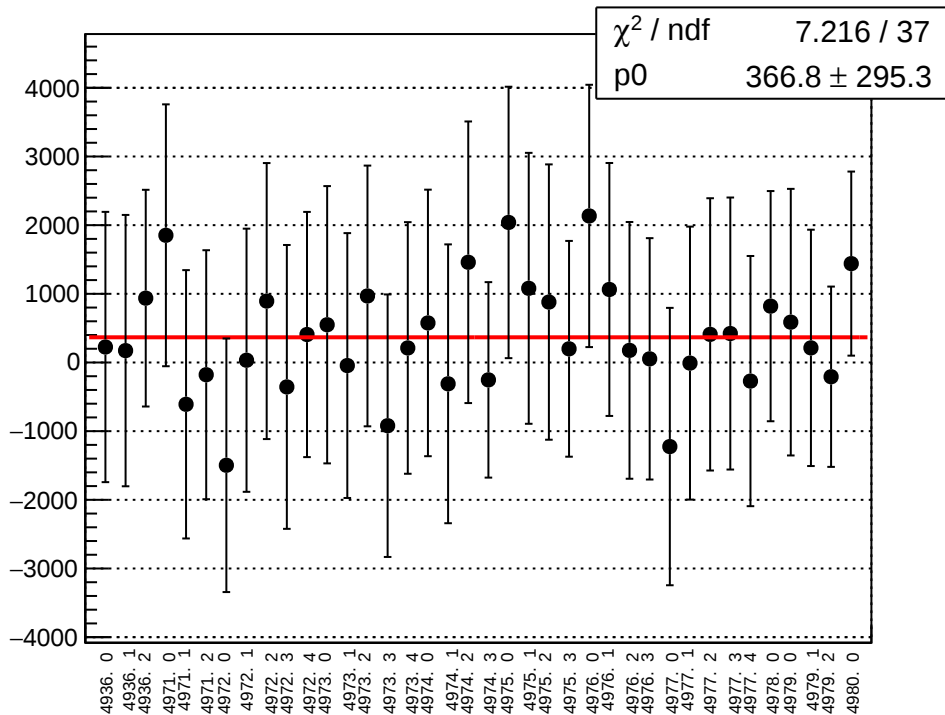
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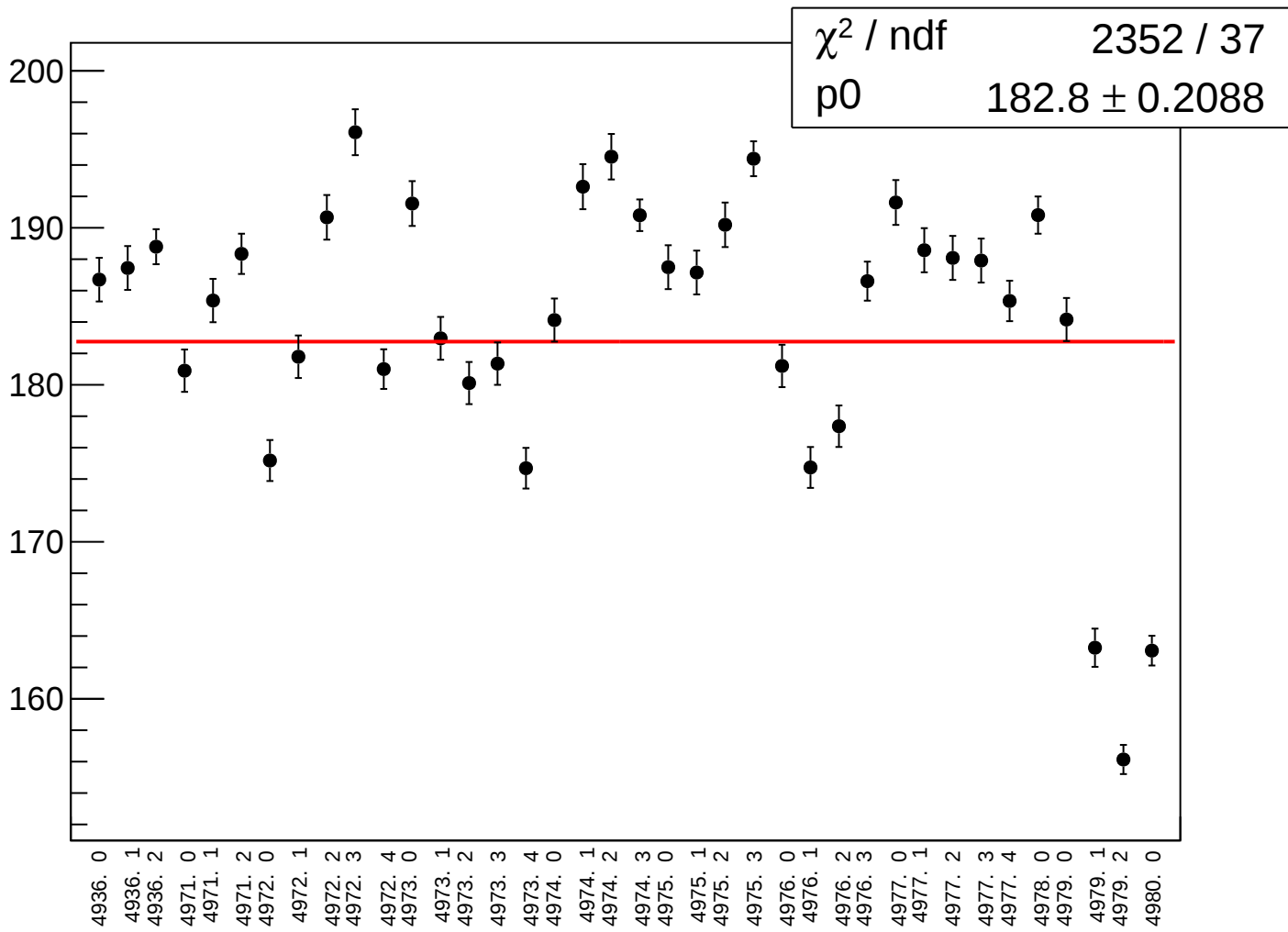
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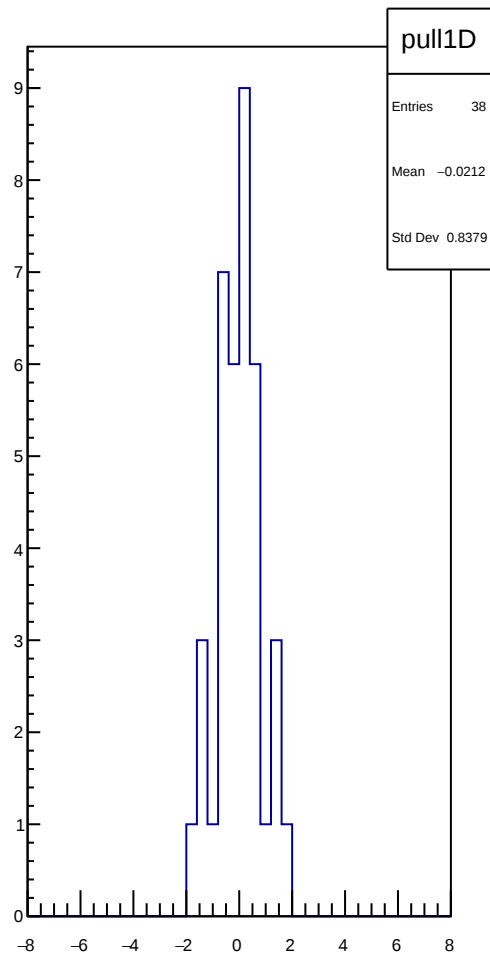
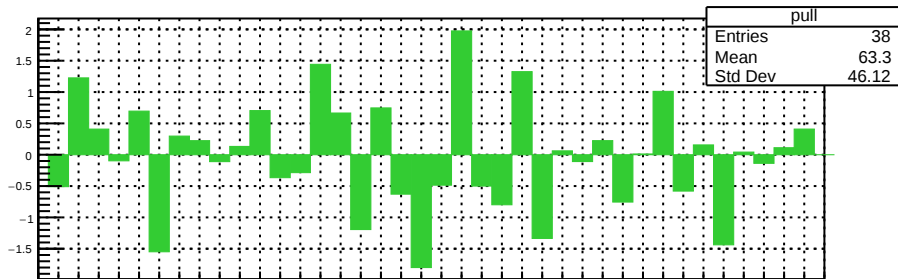
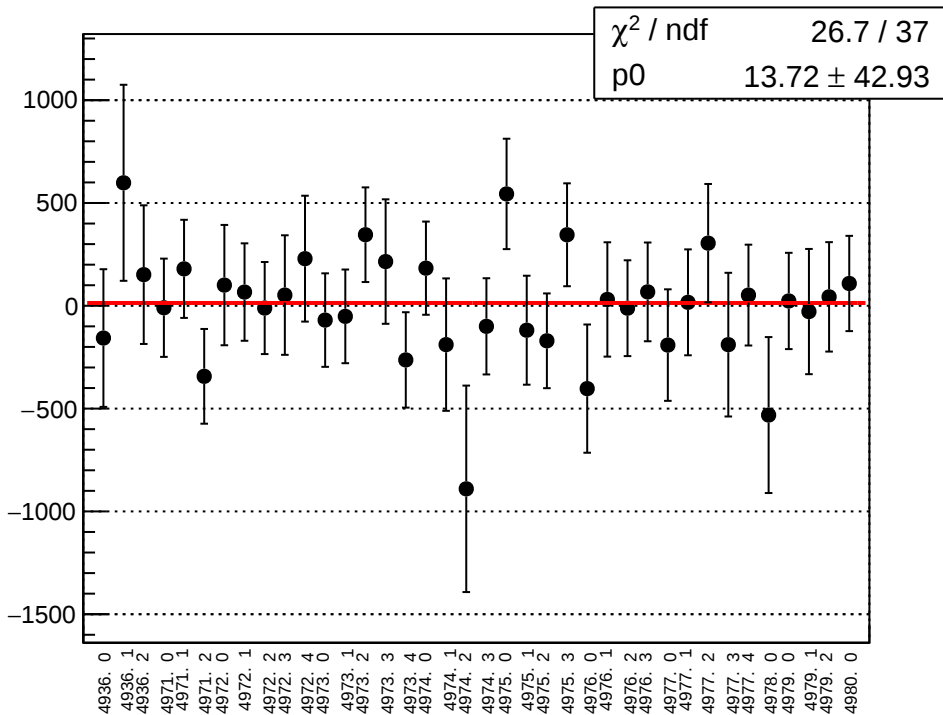
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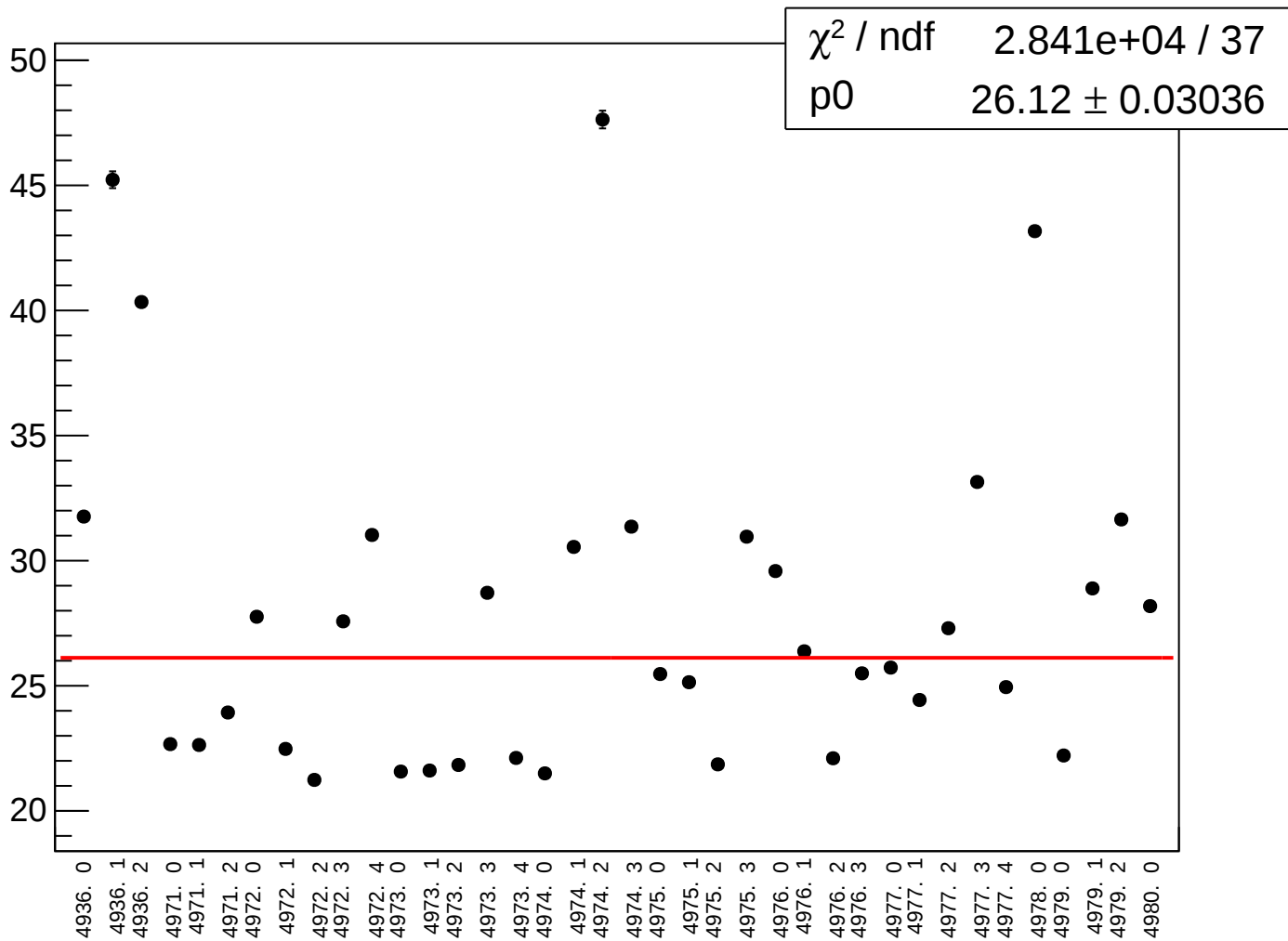
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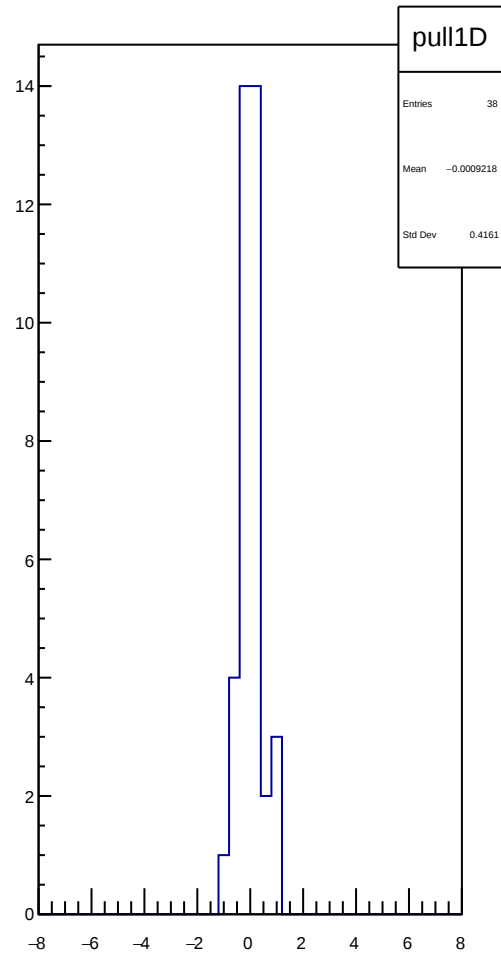
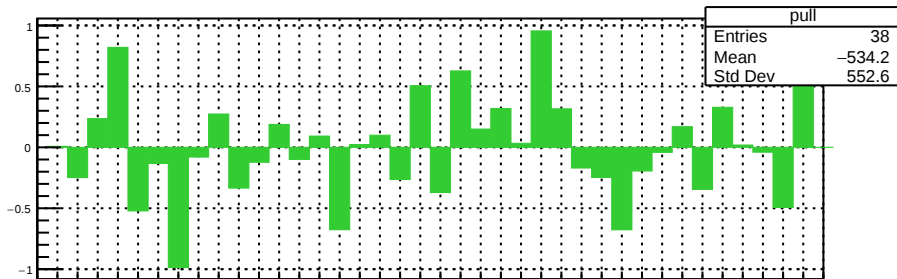
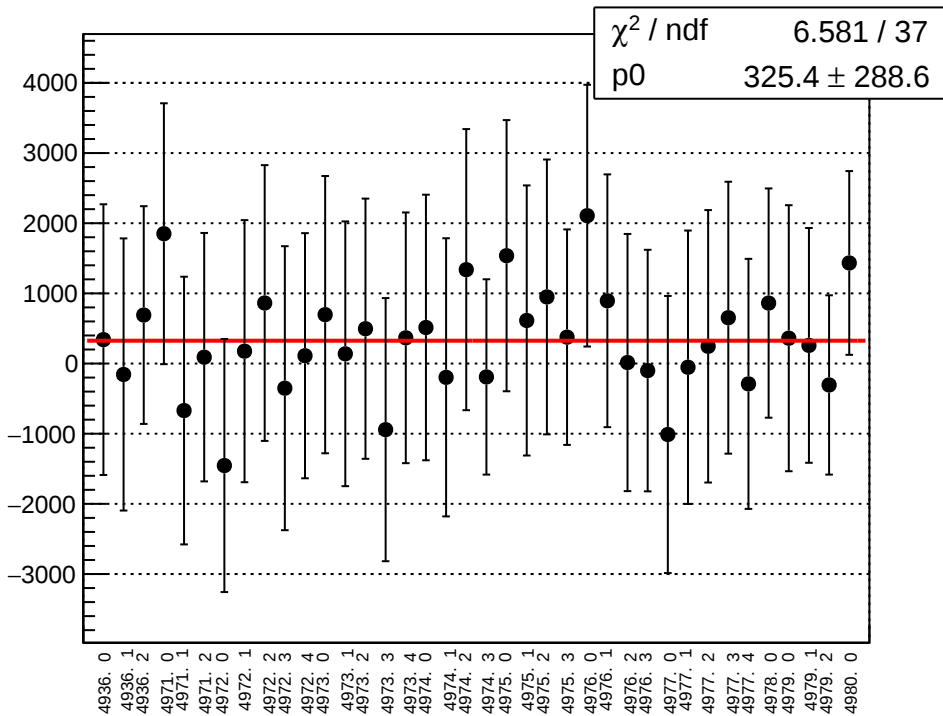
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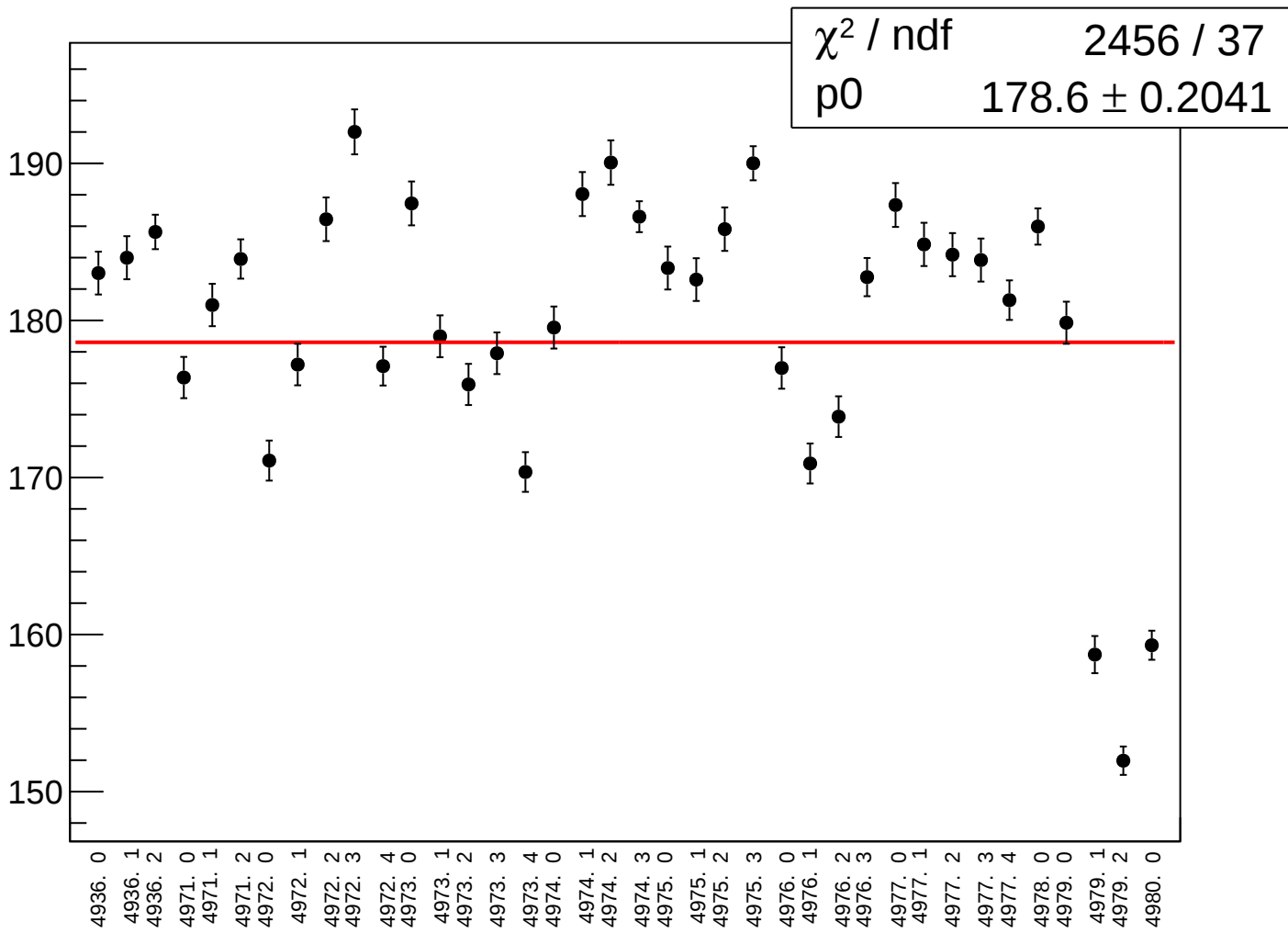
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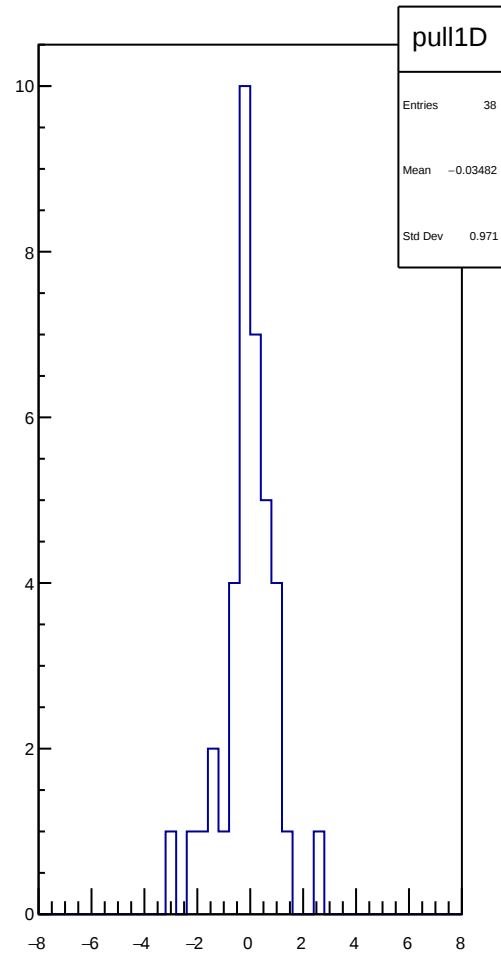
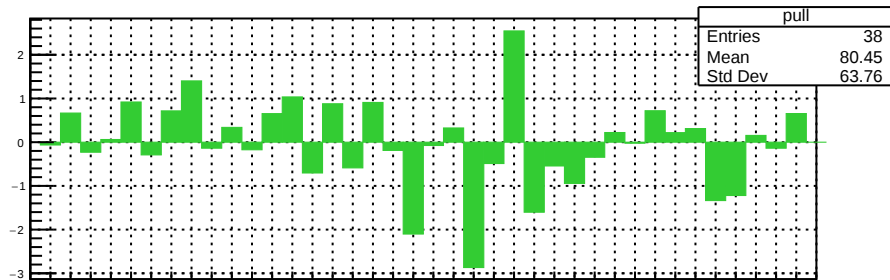
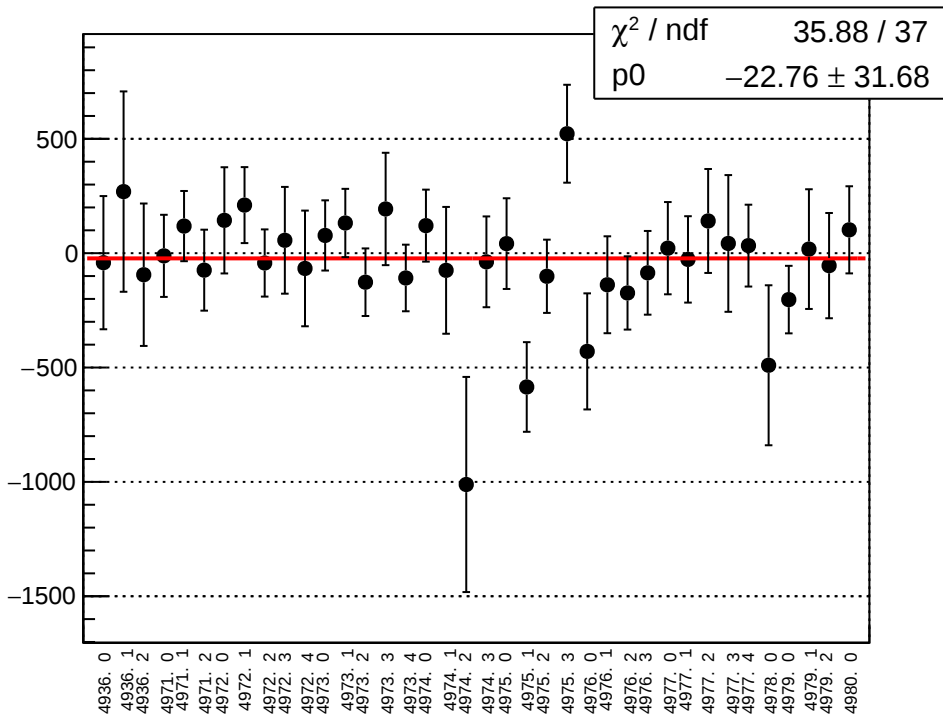
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asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_avg\_rms vs run

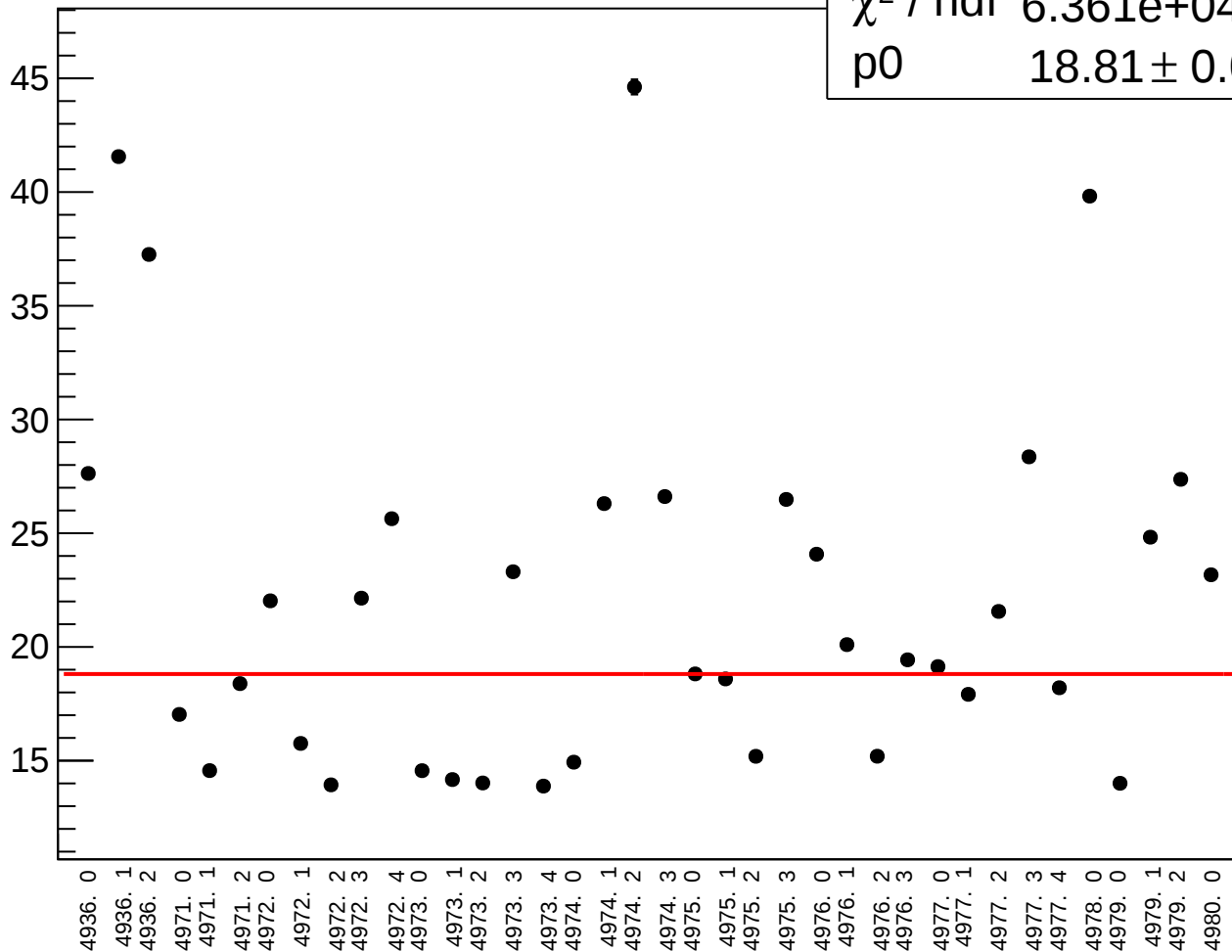


asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_dd\_mean vs run

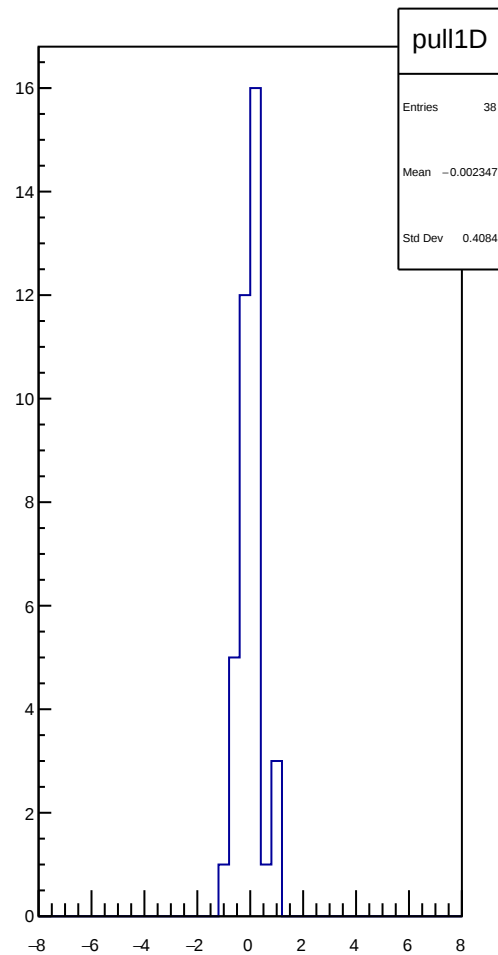
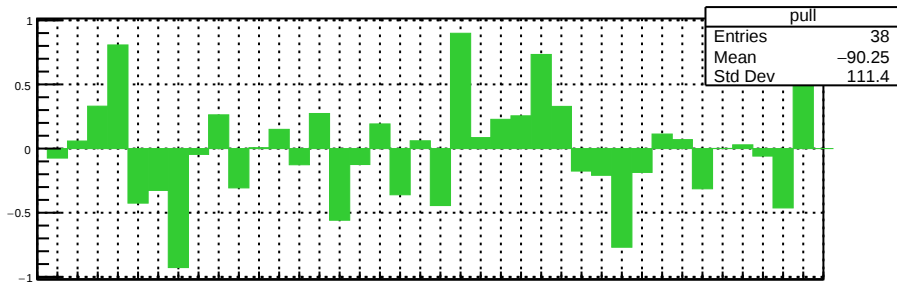
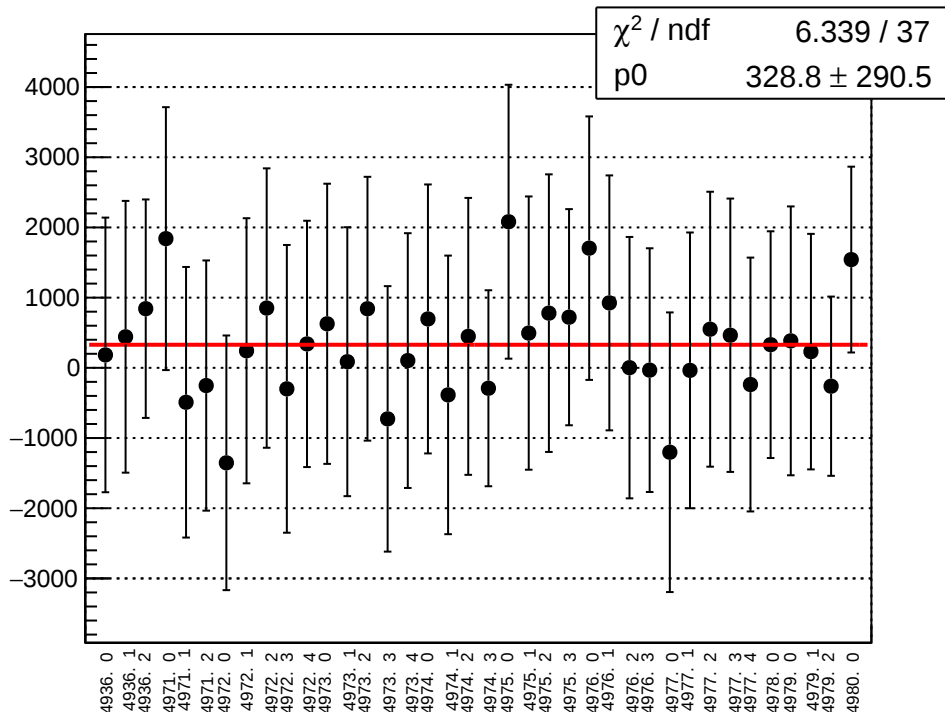


asym\_bcm\_dg\_ds\_bcm\_an\_us\_agg\_dd\_rms vs run

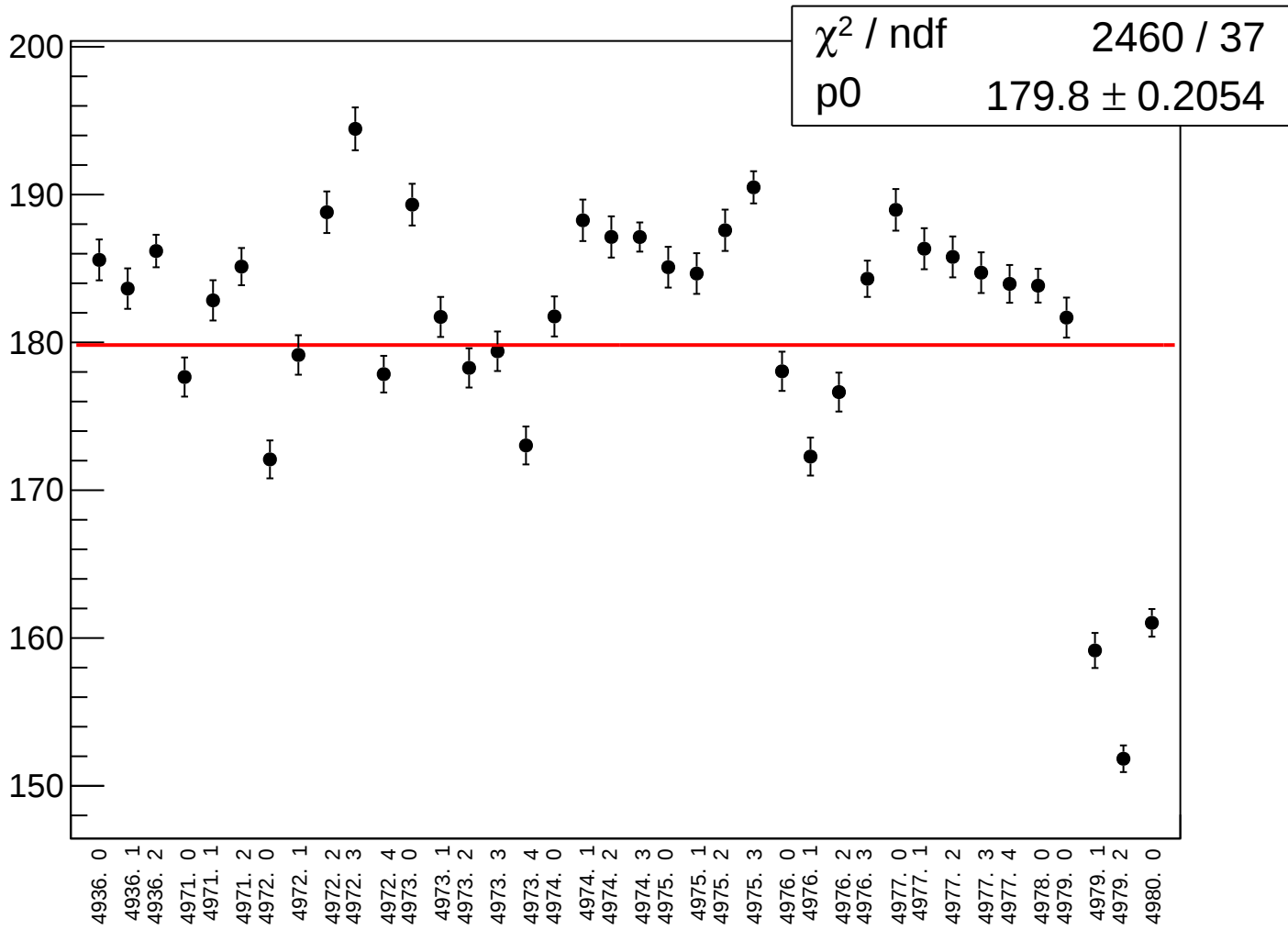
$\chi^2 / \text{ndf}$  6.361e+04 / 37  
p0 18.81 ± 0.0224



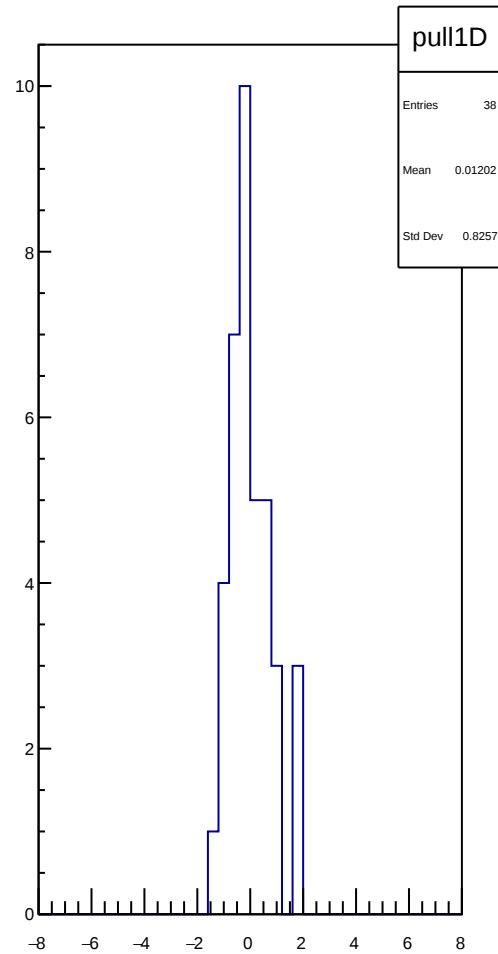
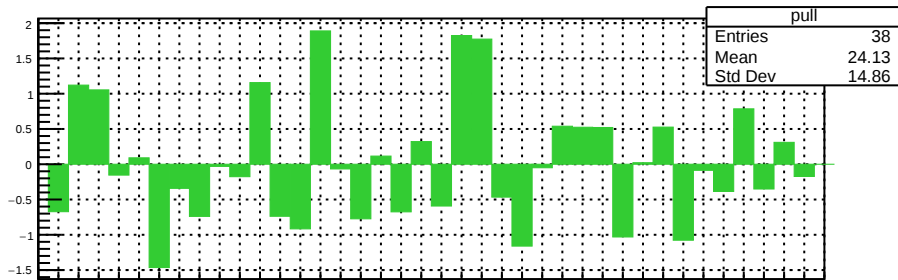
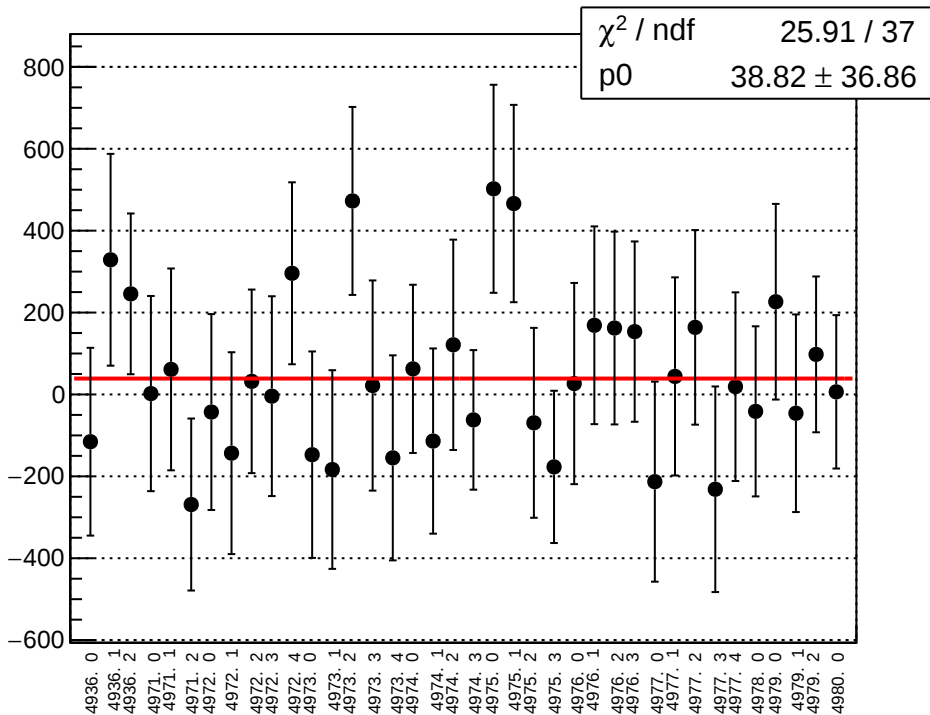
asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_avg\_mean vs run



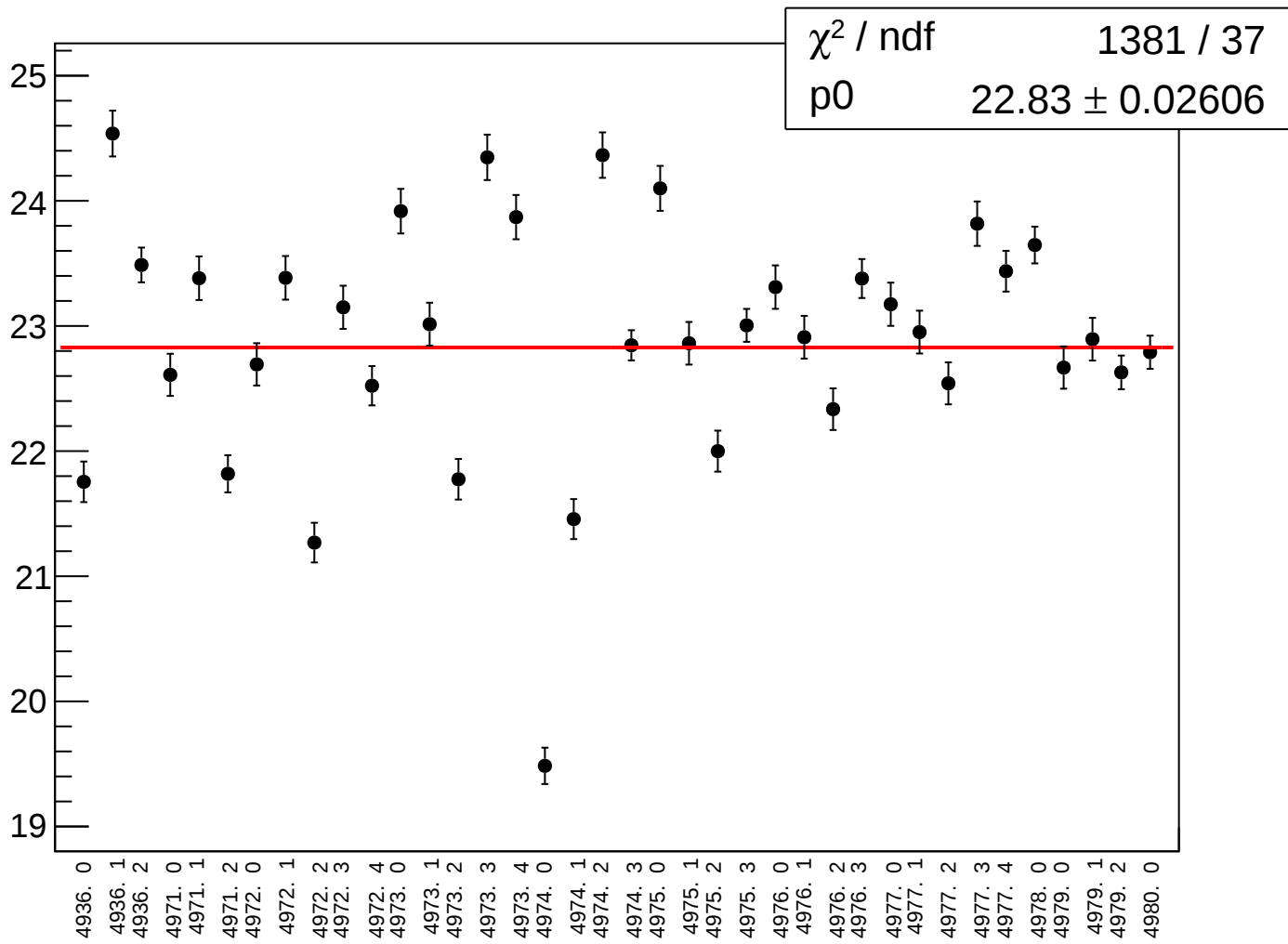
asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_avg\_rms vs run



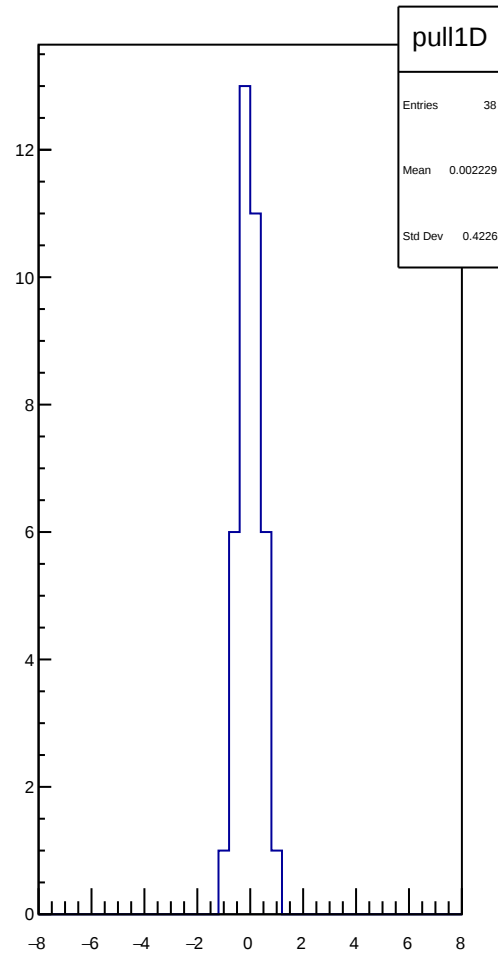
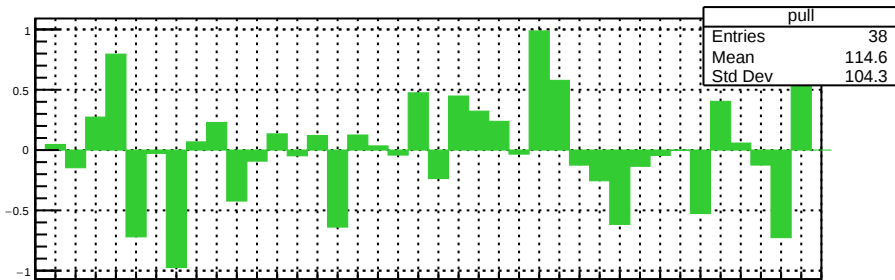
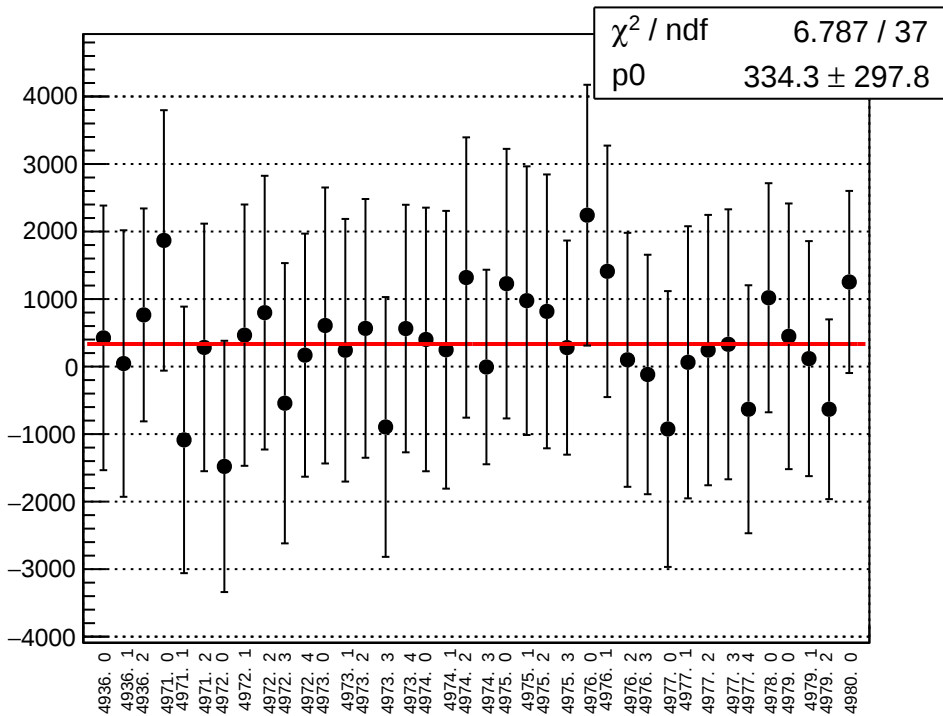
asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_dd\_mean vs run



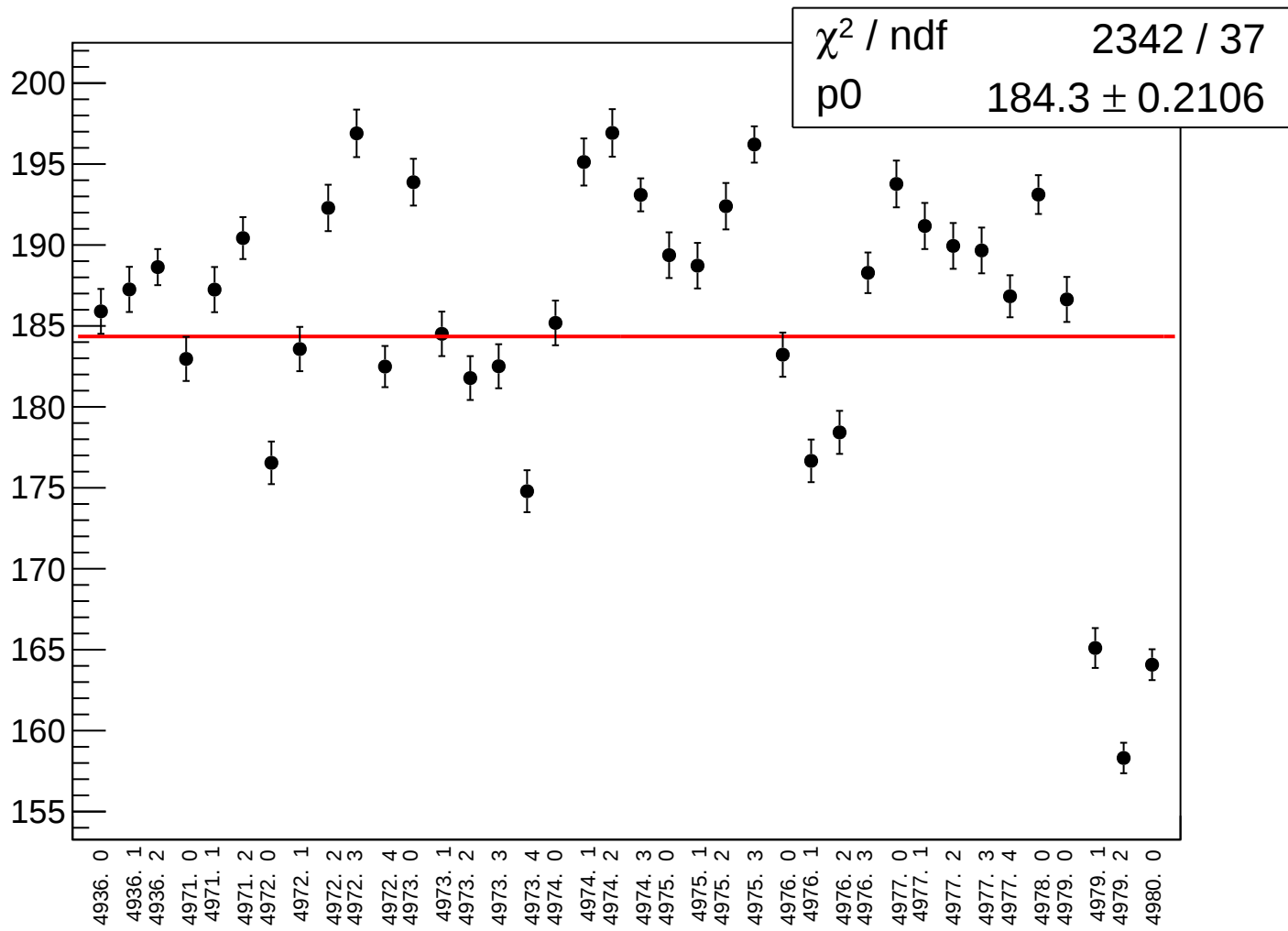
asym\_bcm\_dg\_us\_bcm\_dg\_ds\_agg\_dd\_rms vs run



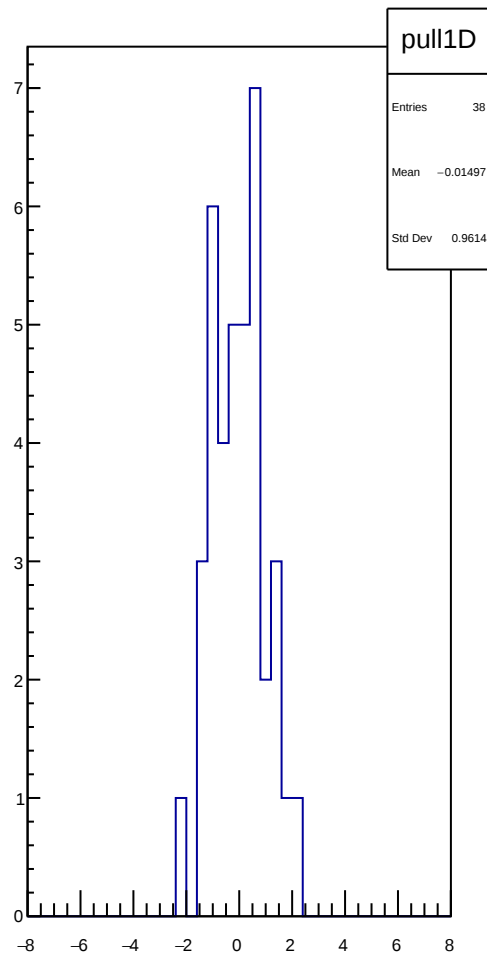
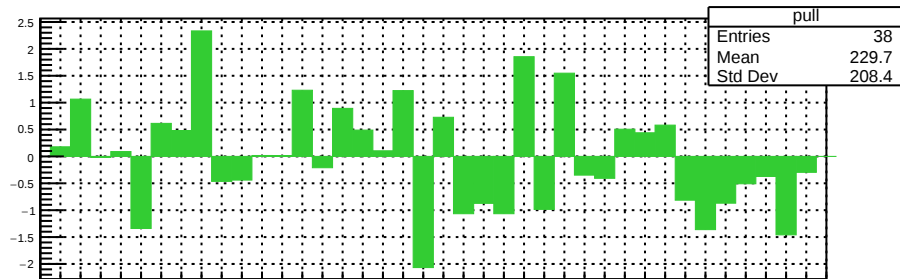
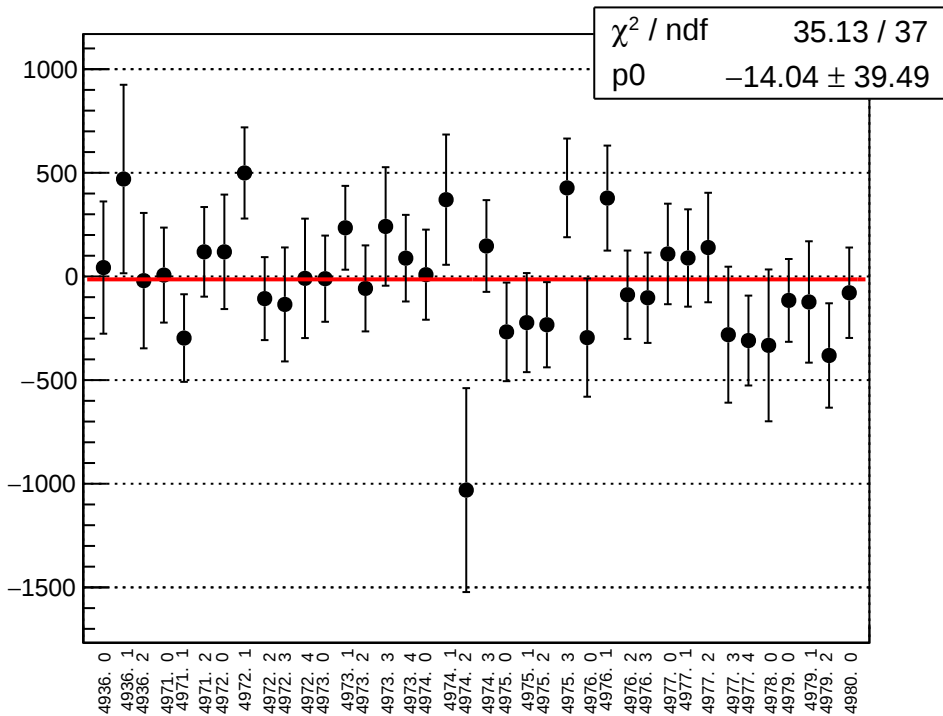
asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_avg\_mean vs run



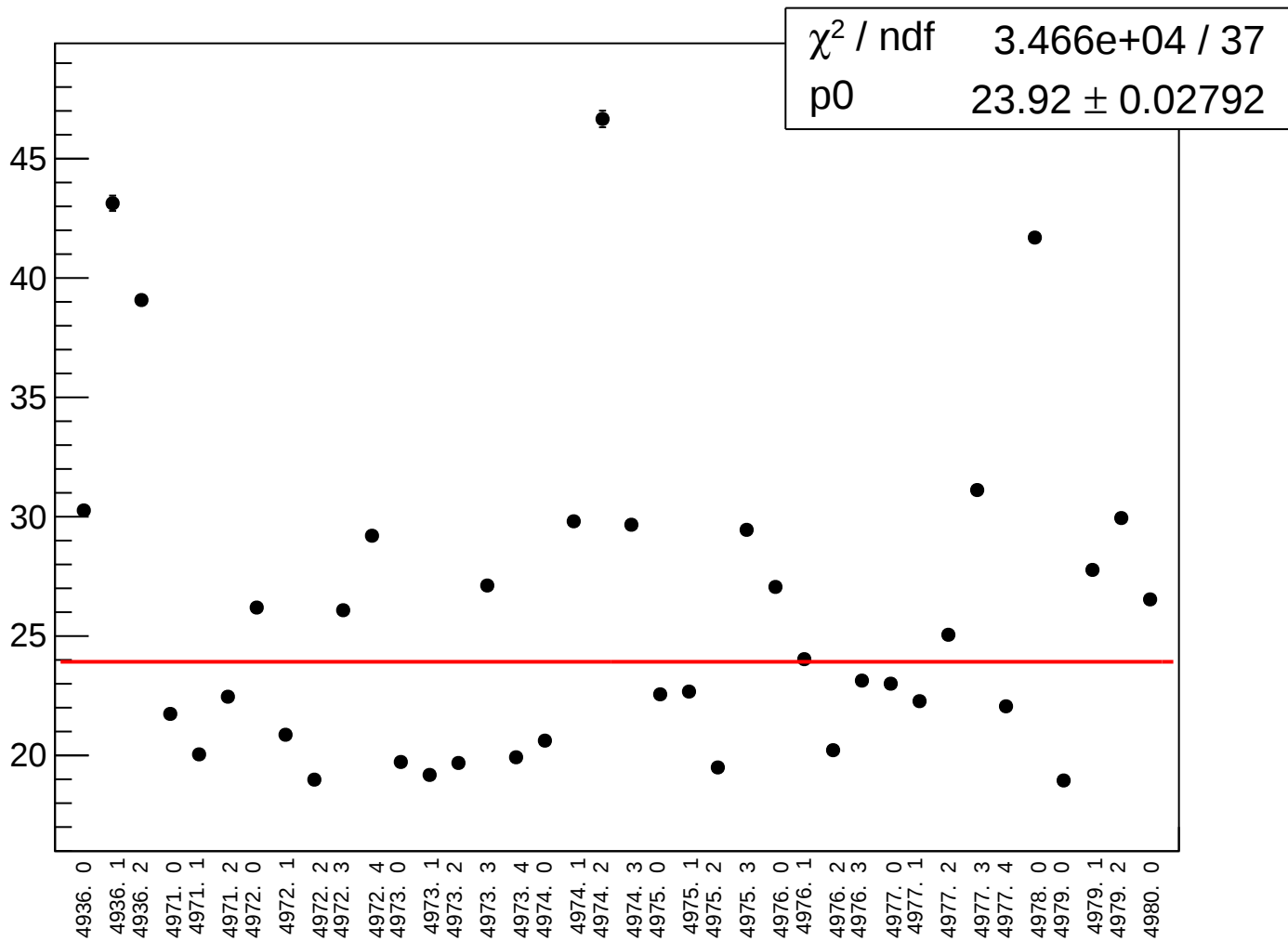
asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_avg\_rms vs run



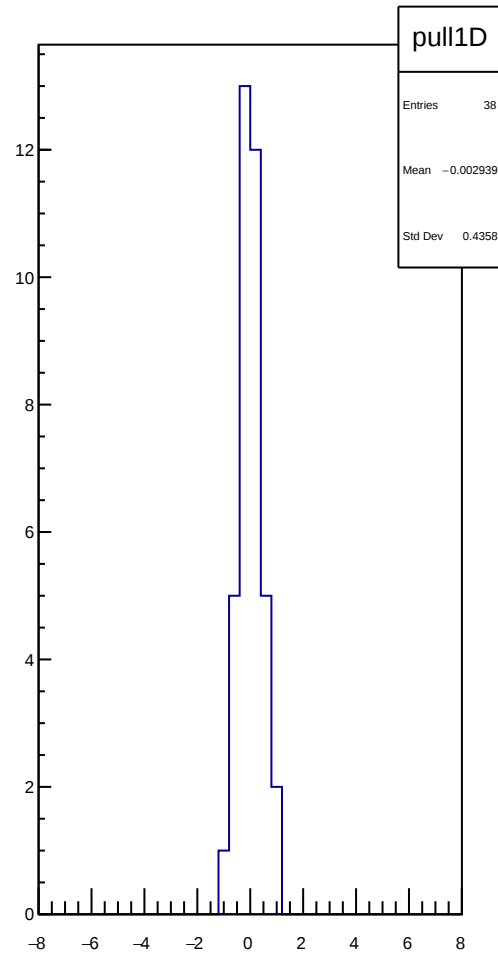
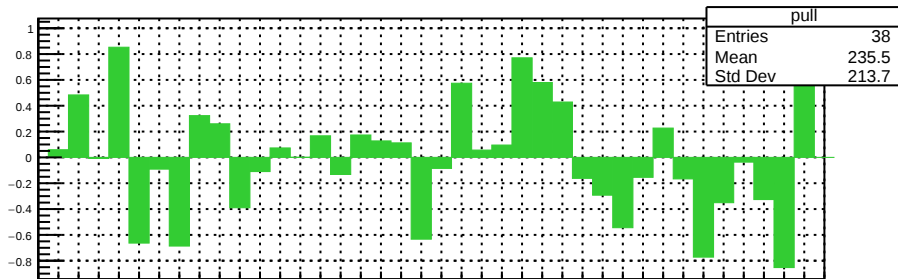
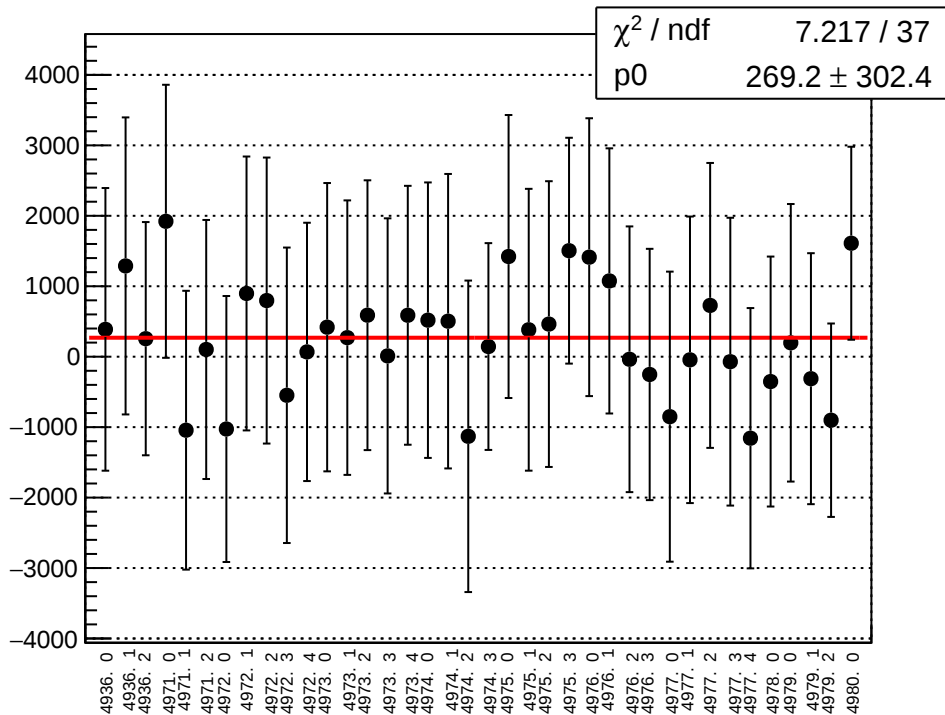
asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_dd\_mean vs run



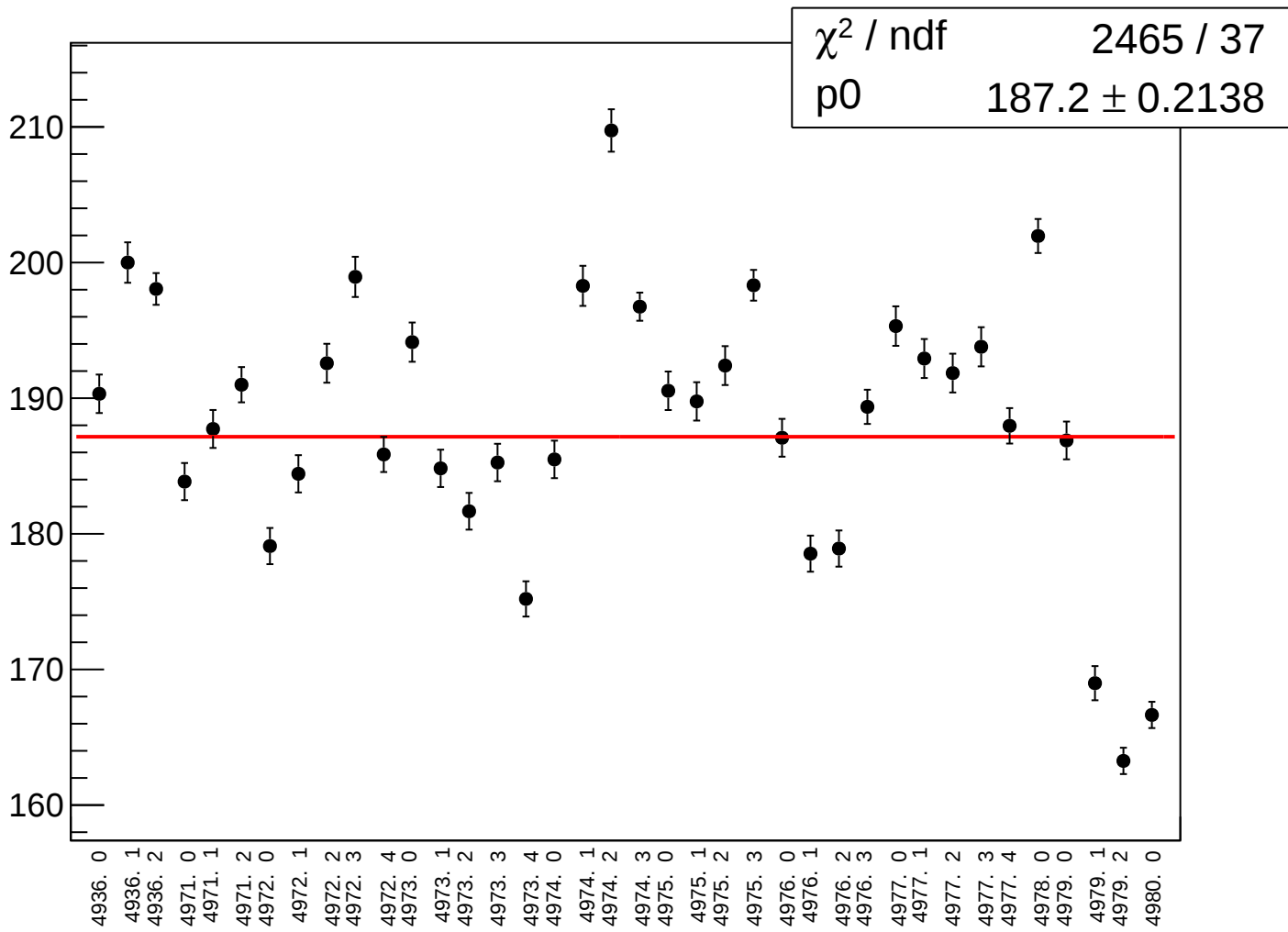
asym\_bcm\_cav4cQ\_bcm\_an\_us\_agg\_dd\_rms vs run



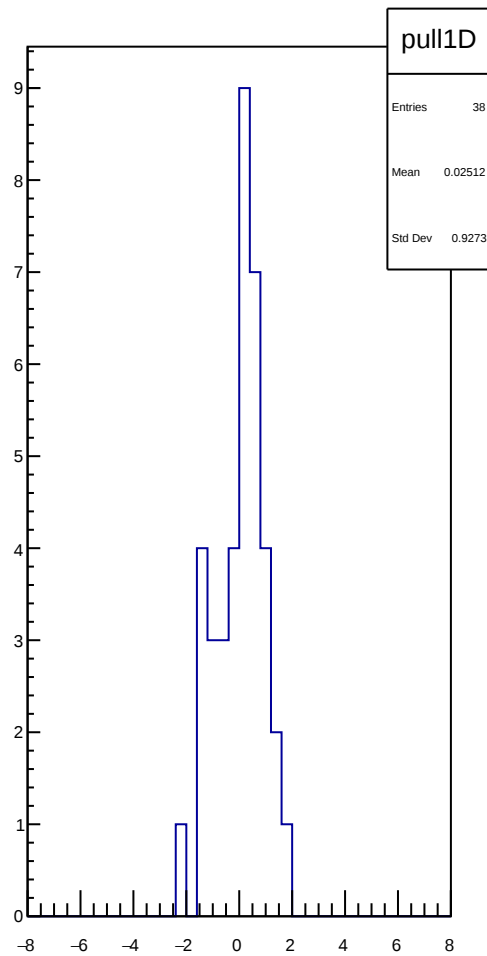
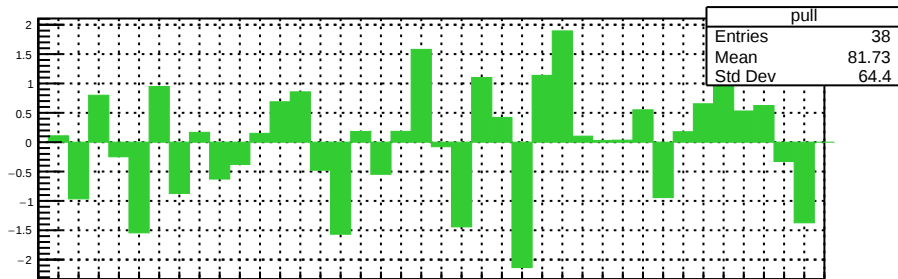
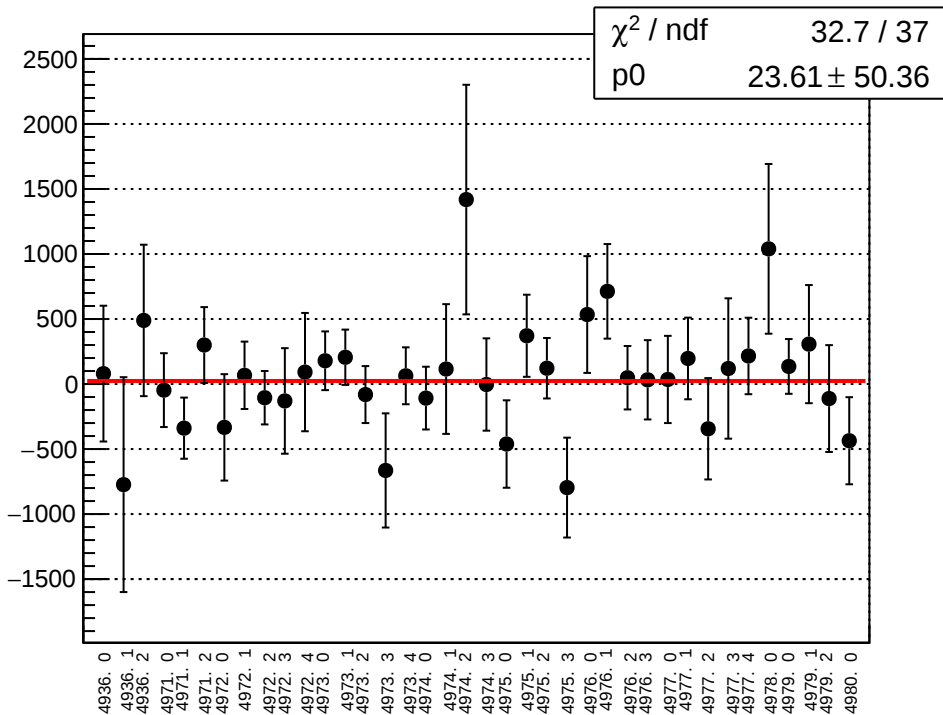
asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_avg\_mean vs run



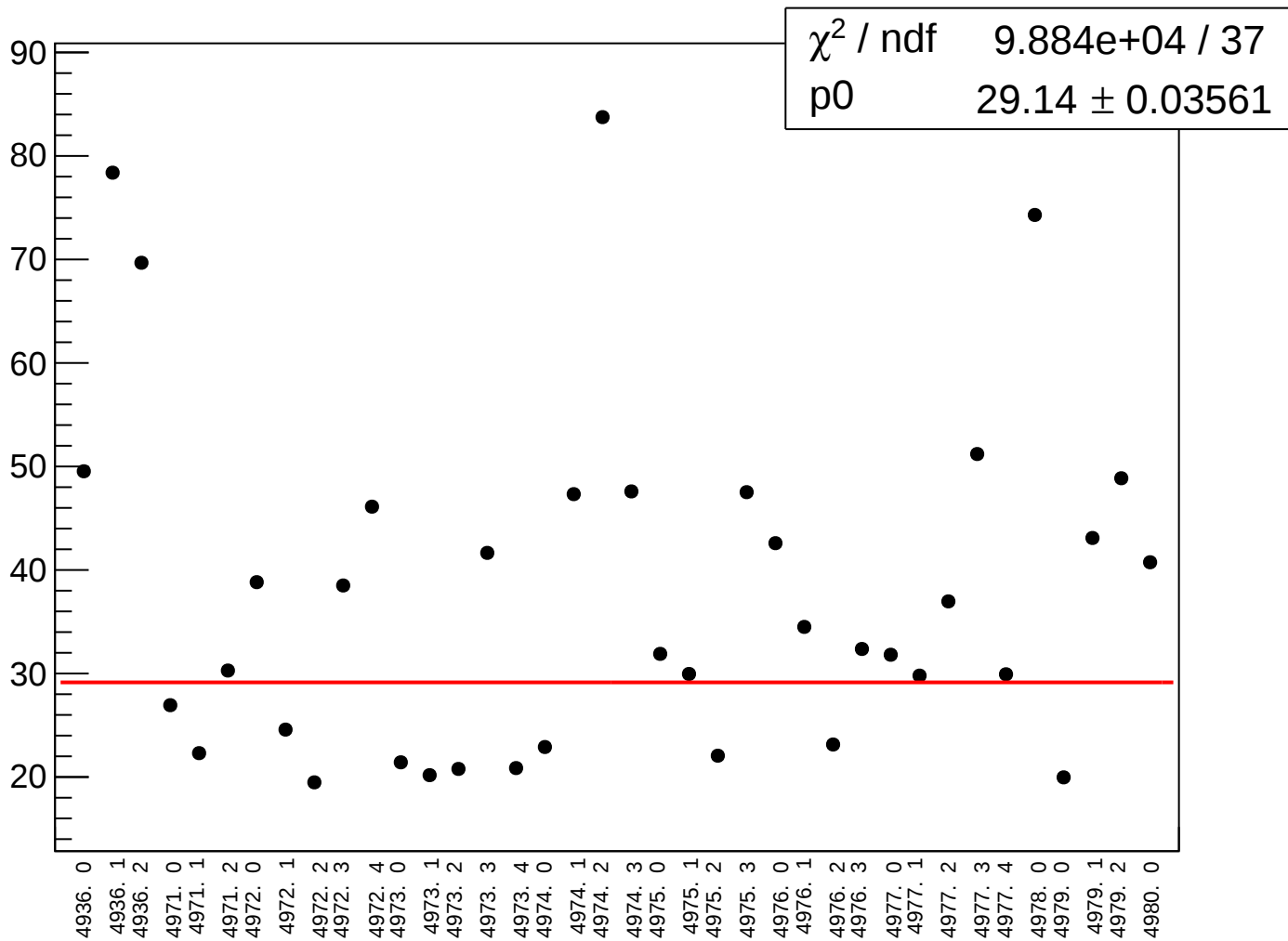
asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_avg\_rms vs run



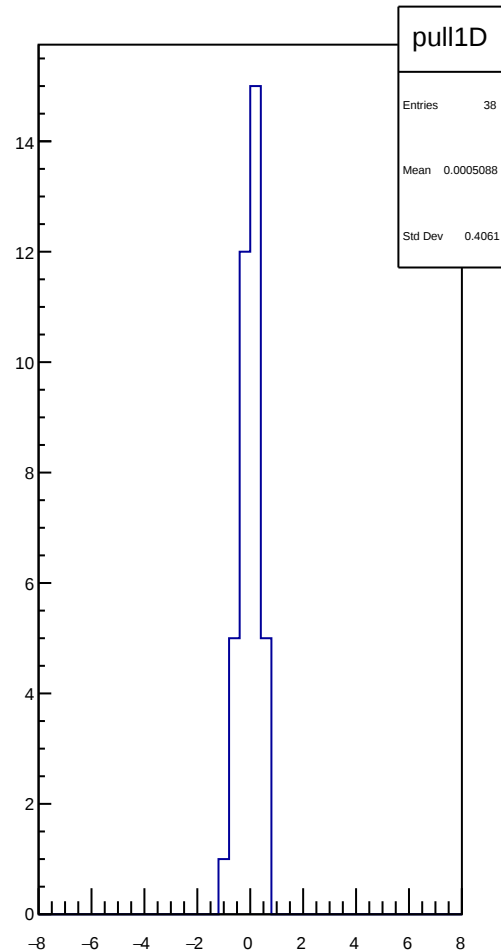
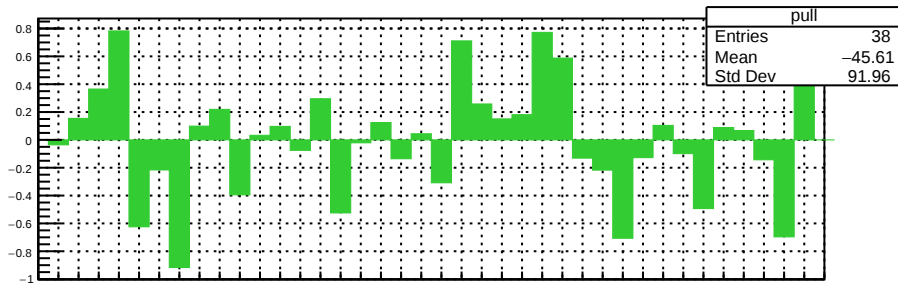
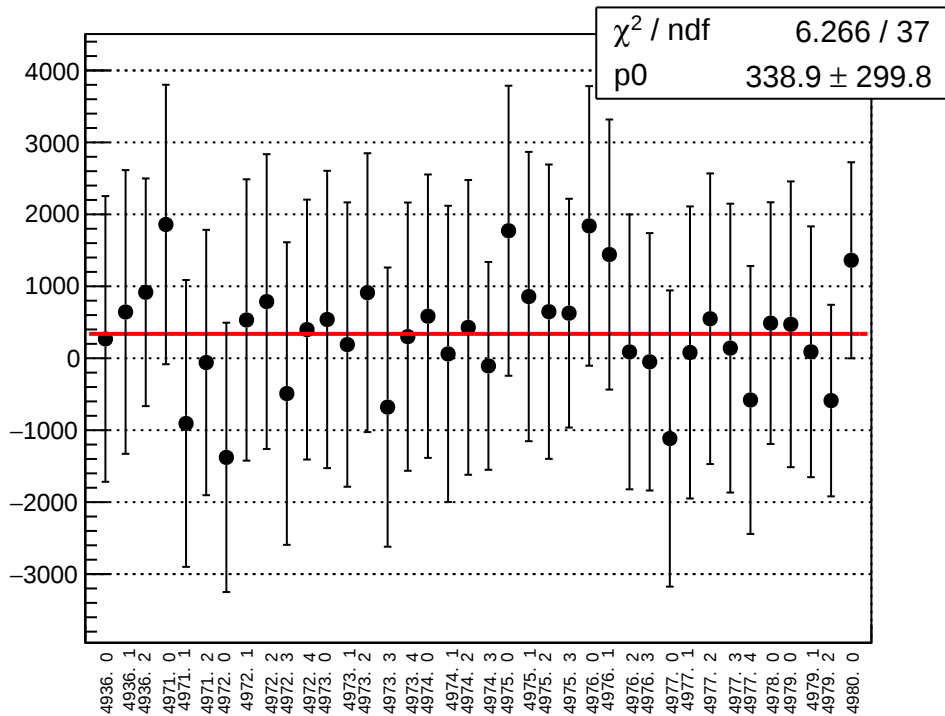
asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_dd\_mean vs run



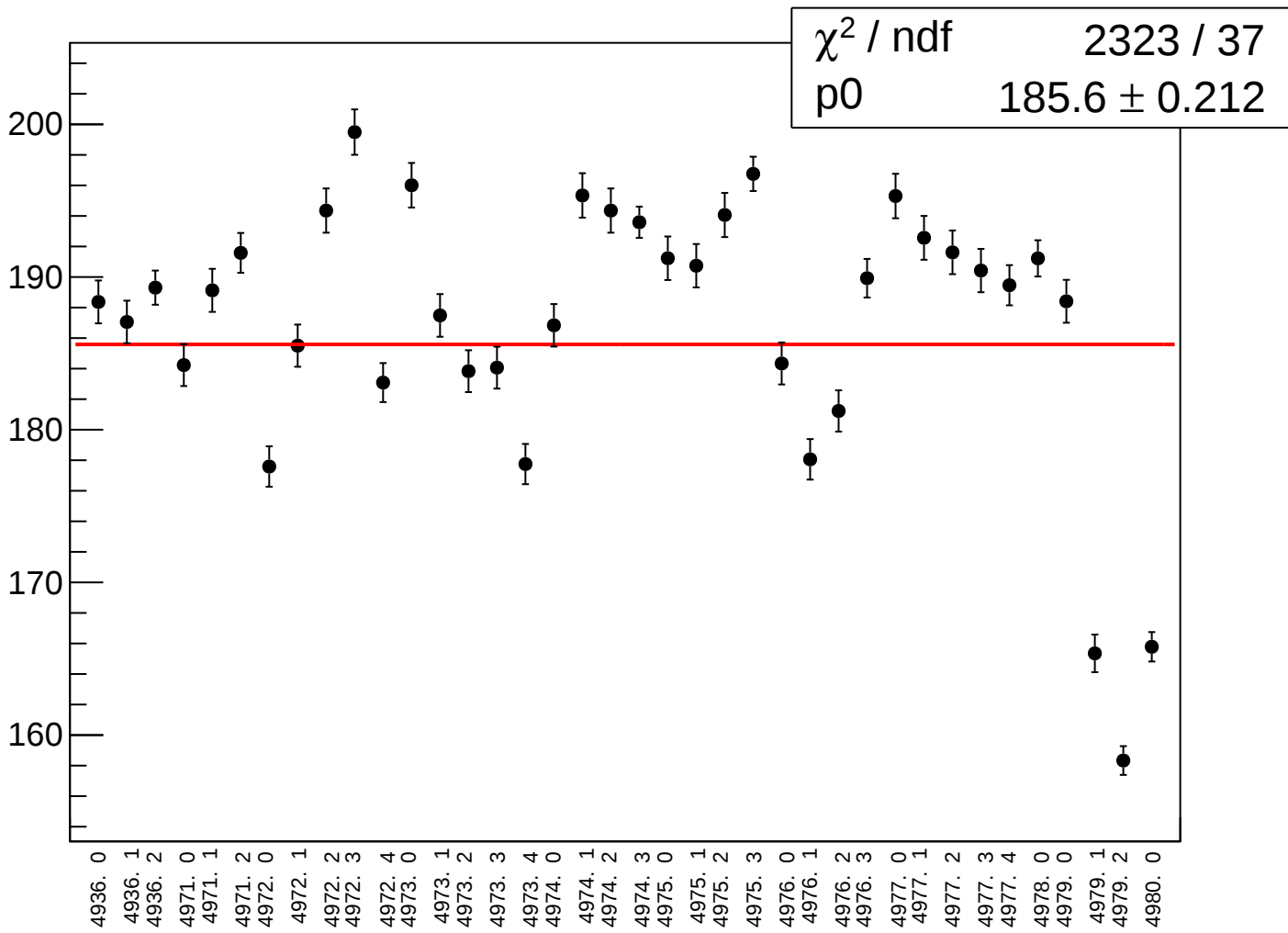
asym\_bcm\_cav4cQ\_bcm\_an\_ds\_agg\_dd\_rms vs run



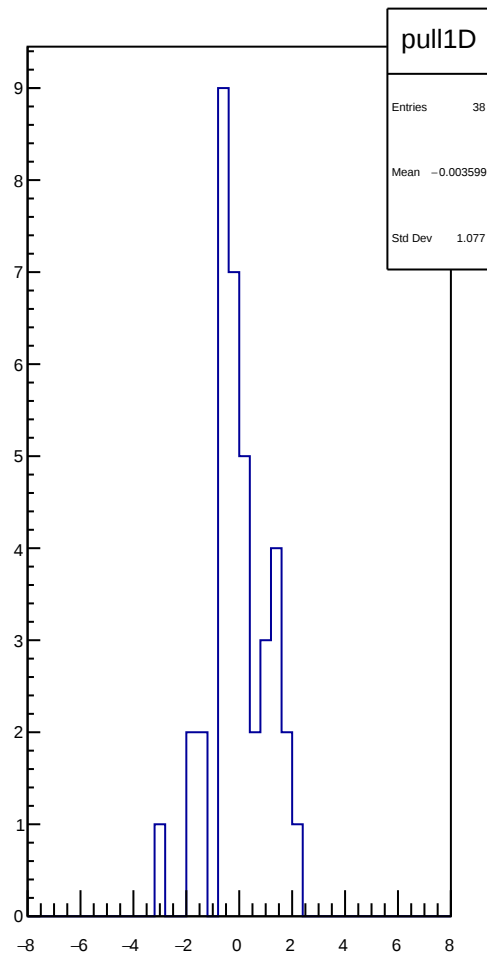
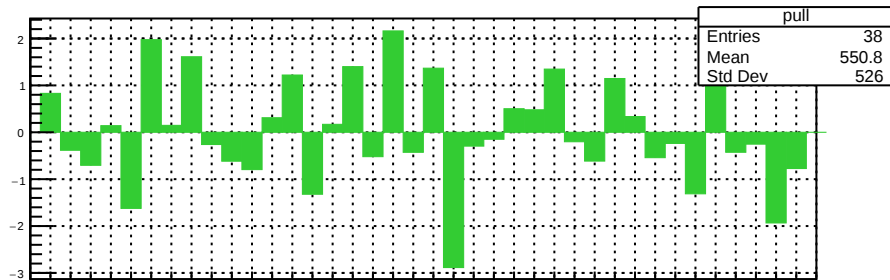
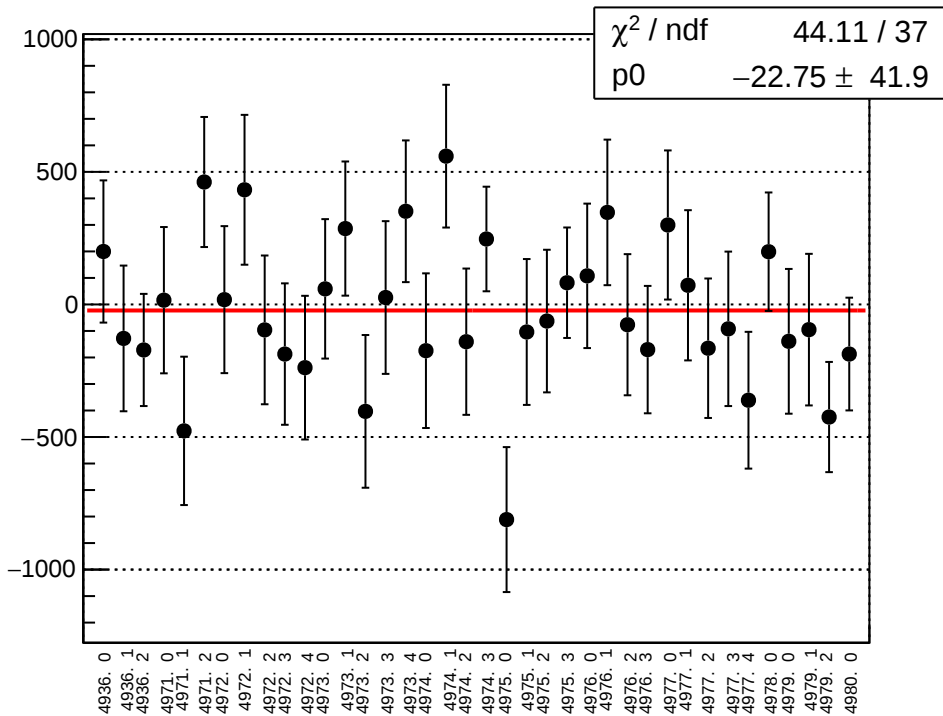
asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_avg\_mean vs run



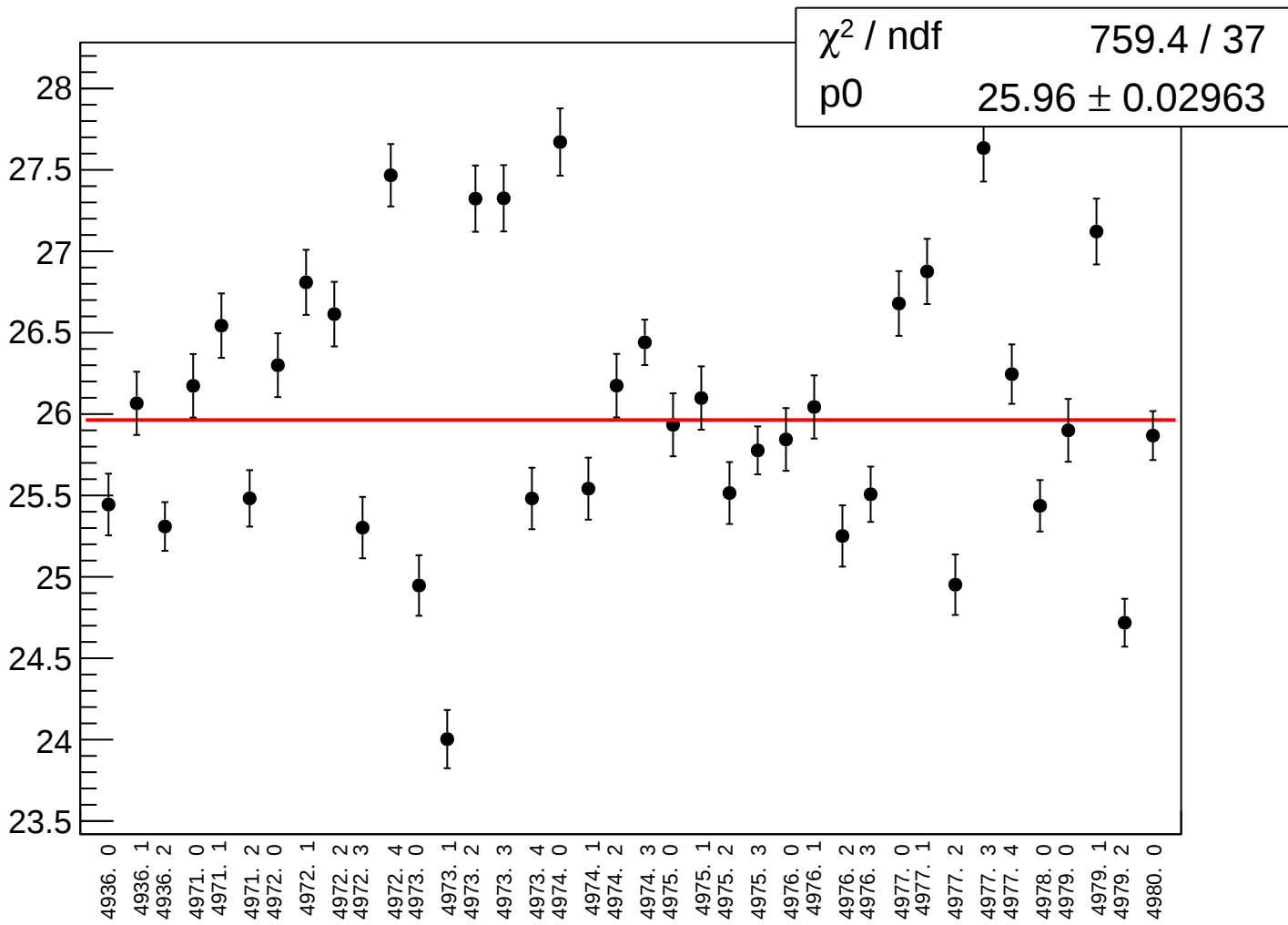
asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_avg\_rms vs run



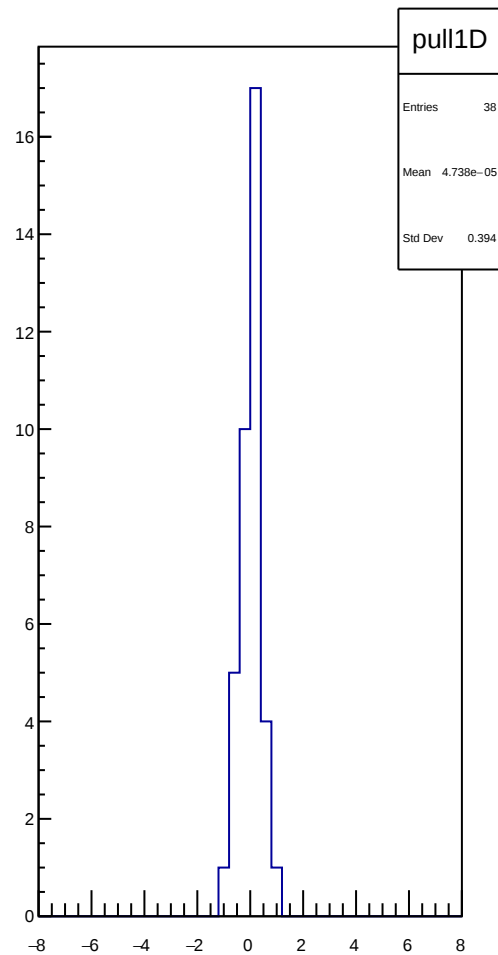
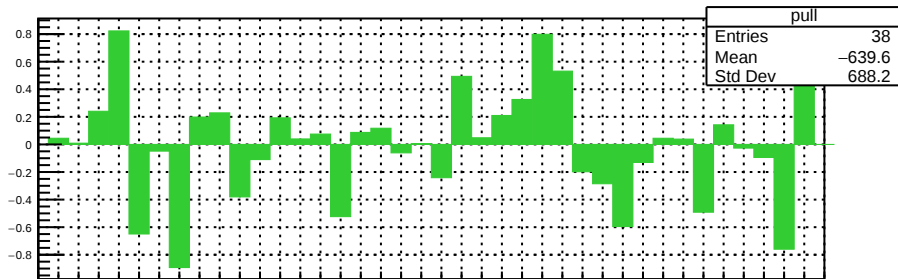
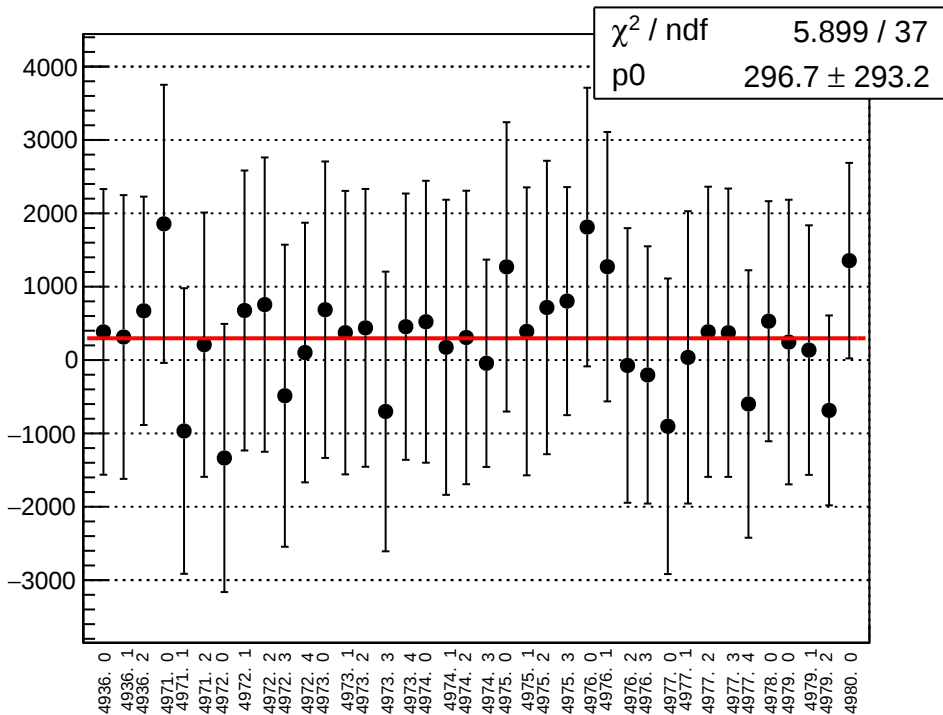
asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_dd\_mean vs run



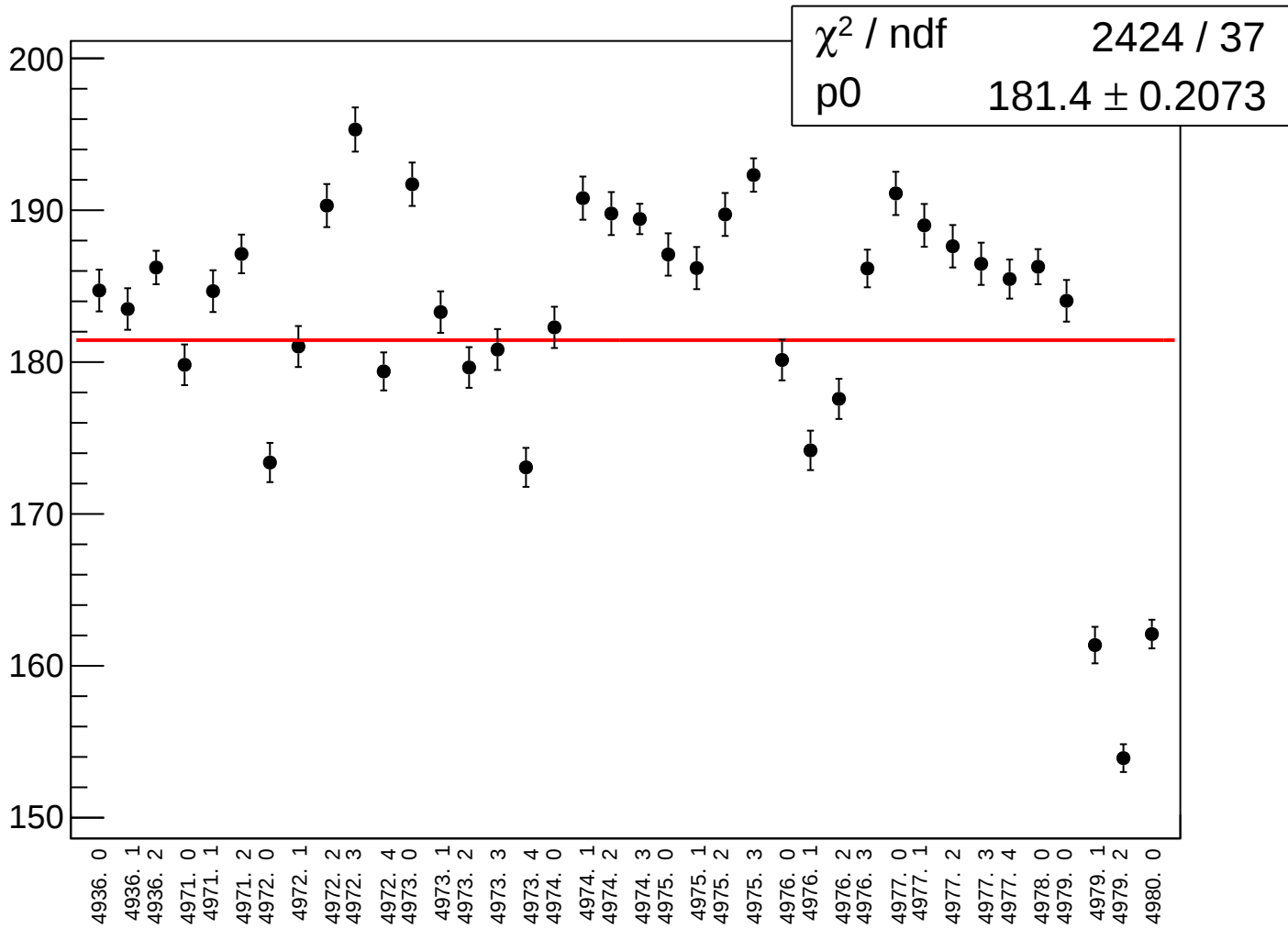
asym\_bcm\_cav4cQ\_bcm\_dg\_us\_agg\_dd\_rms vs run



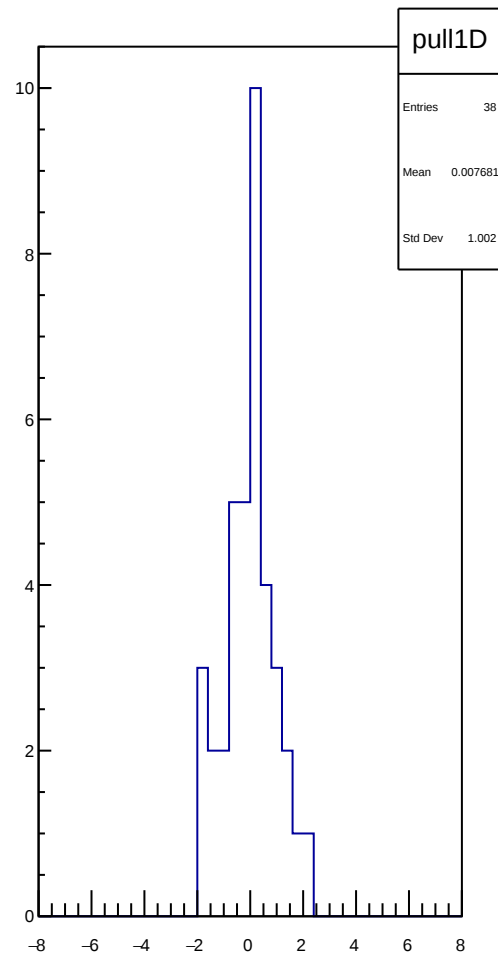
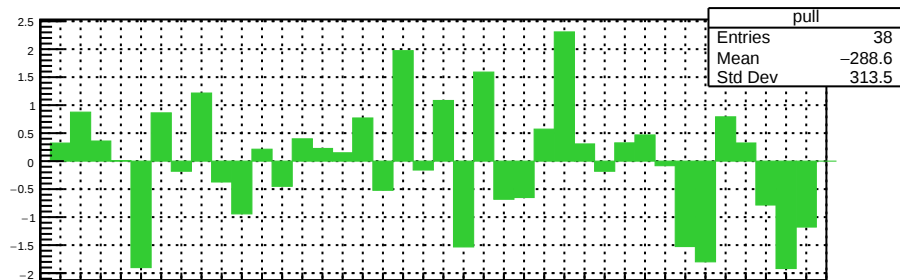
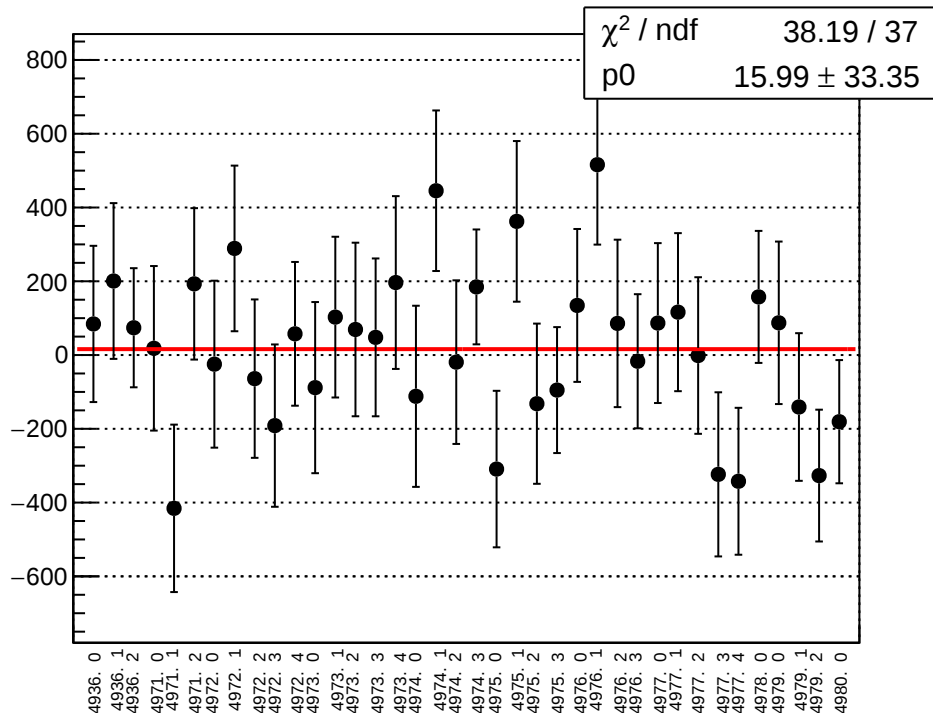
asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_avg\_mean vs run



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



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



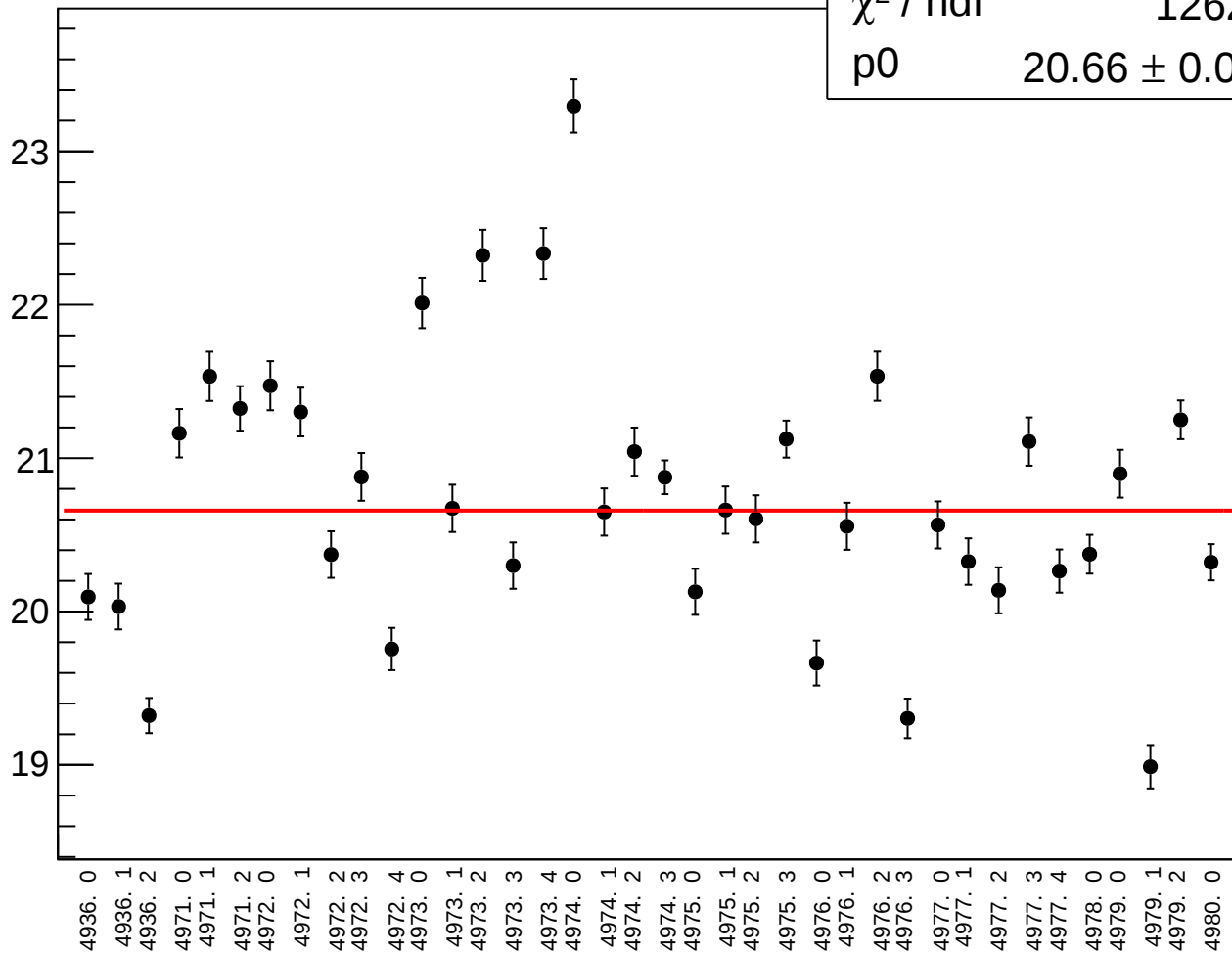
asym\_bcm\_cav4cQ\_bcm\_dg\_ds\_agg\_dd\_rms vs run

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

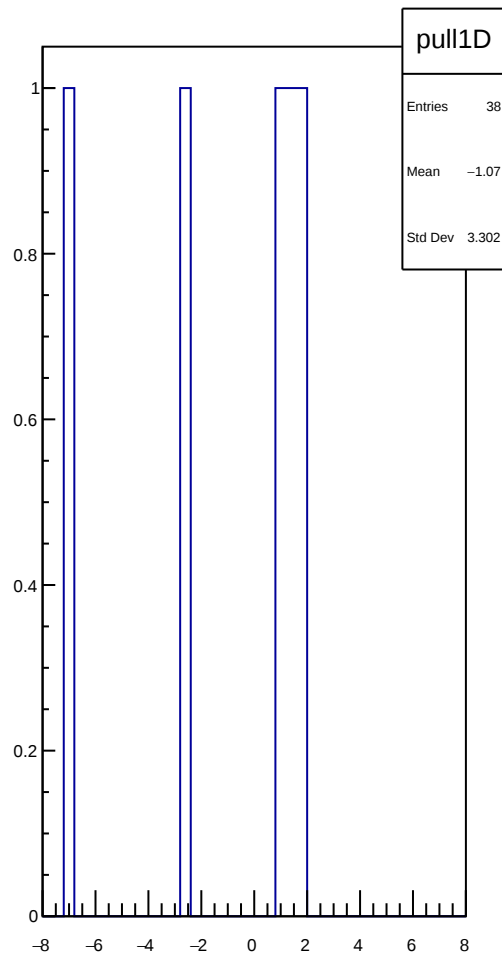
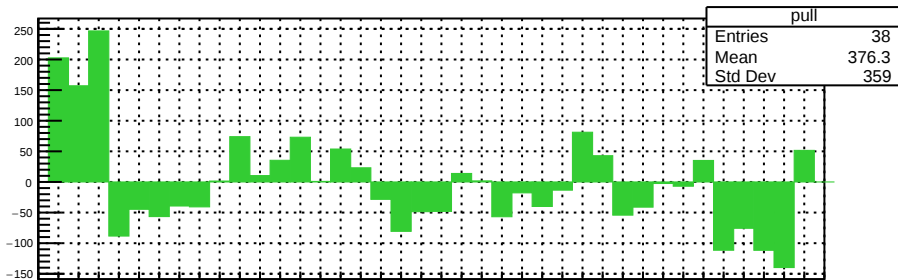
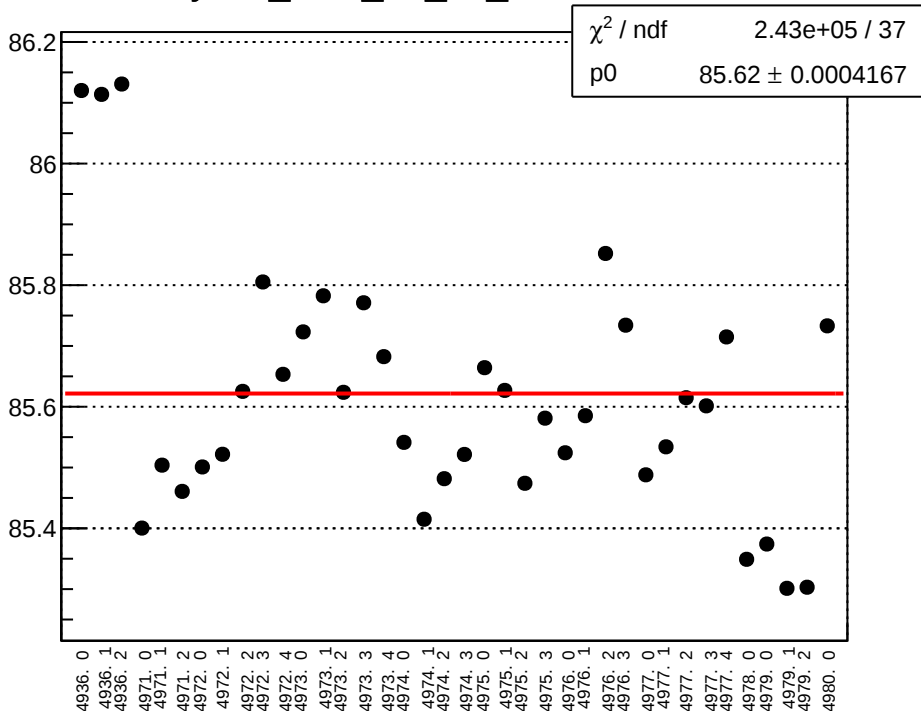
1262 / 37

p0

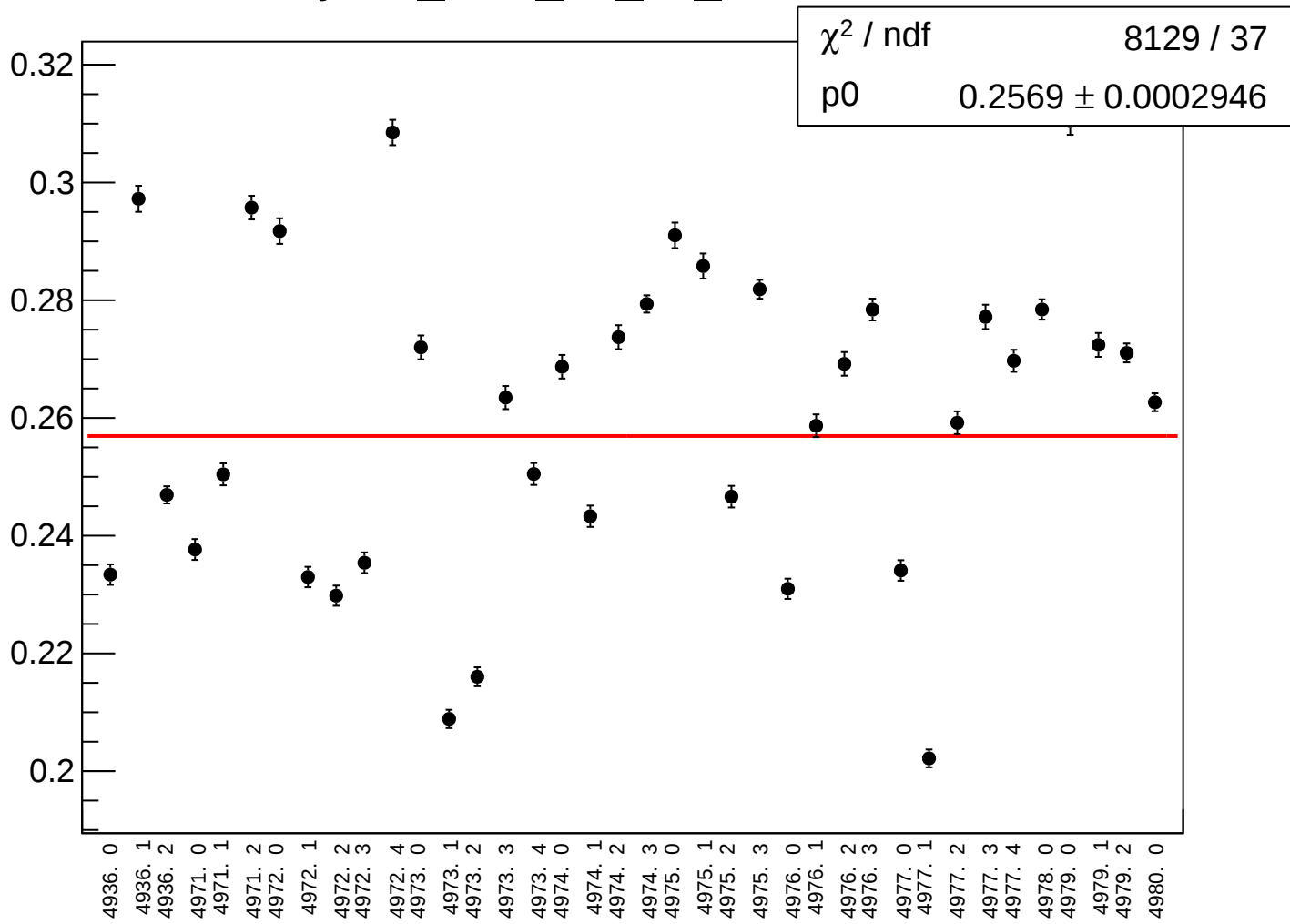
$20.66 \pm 0.02358$



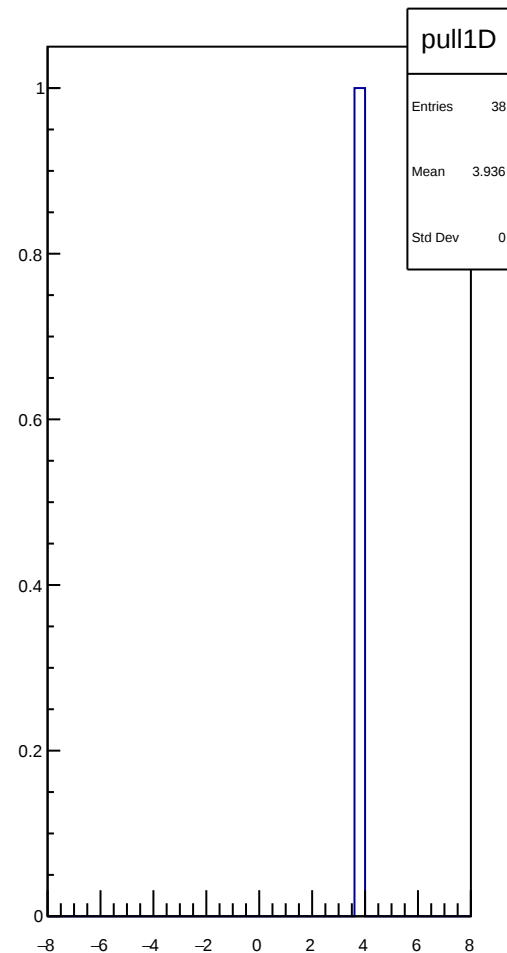
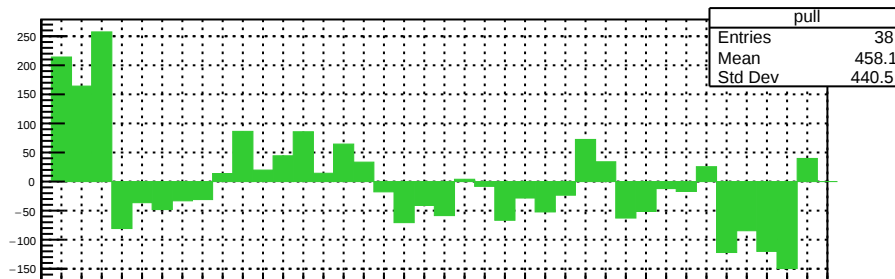
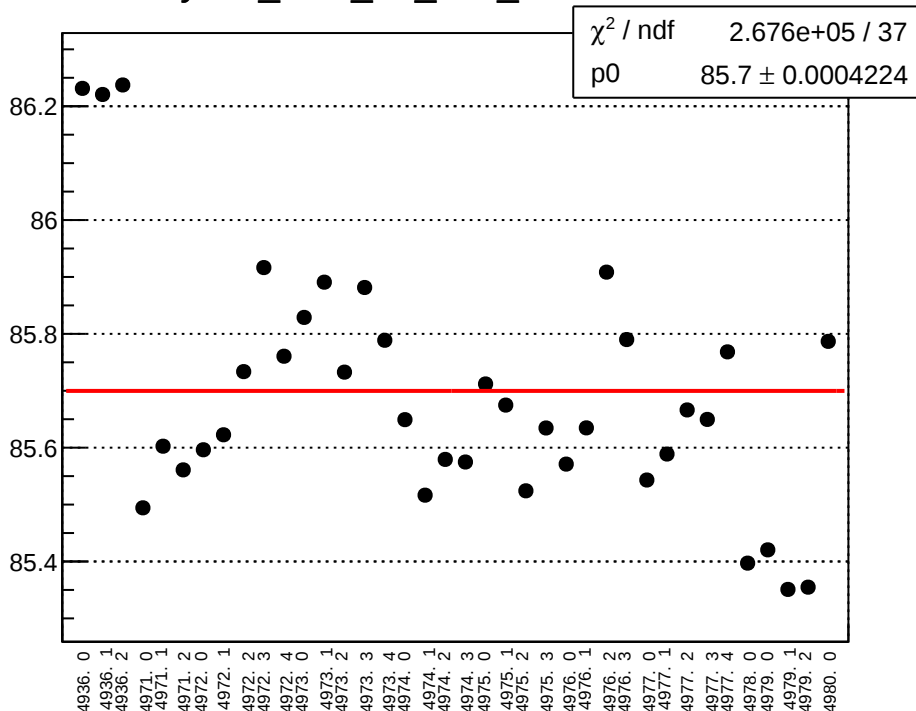
# yield\_bcm\_an\_ds\_mean vs run



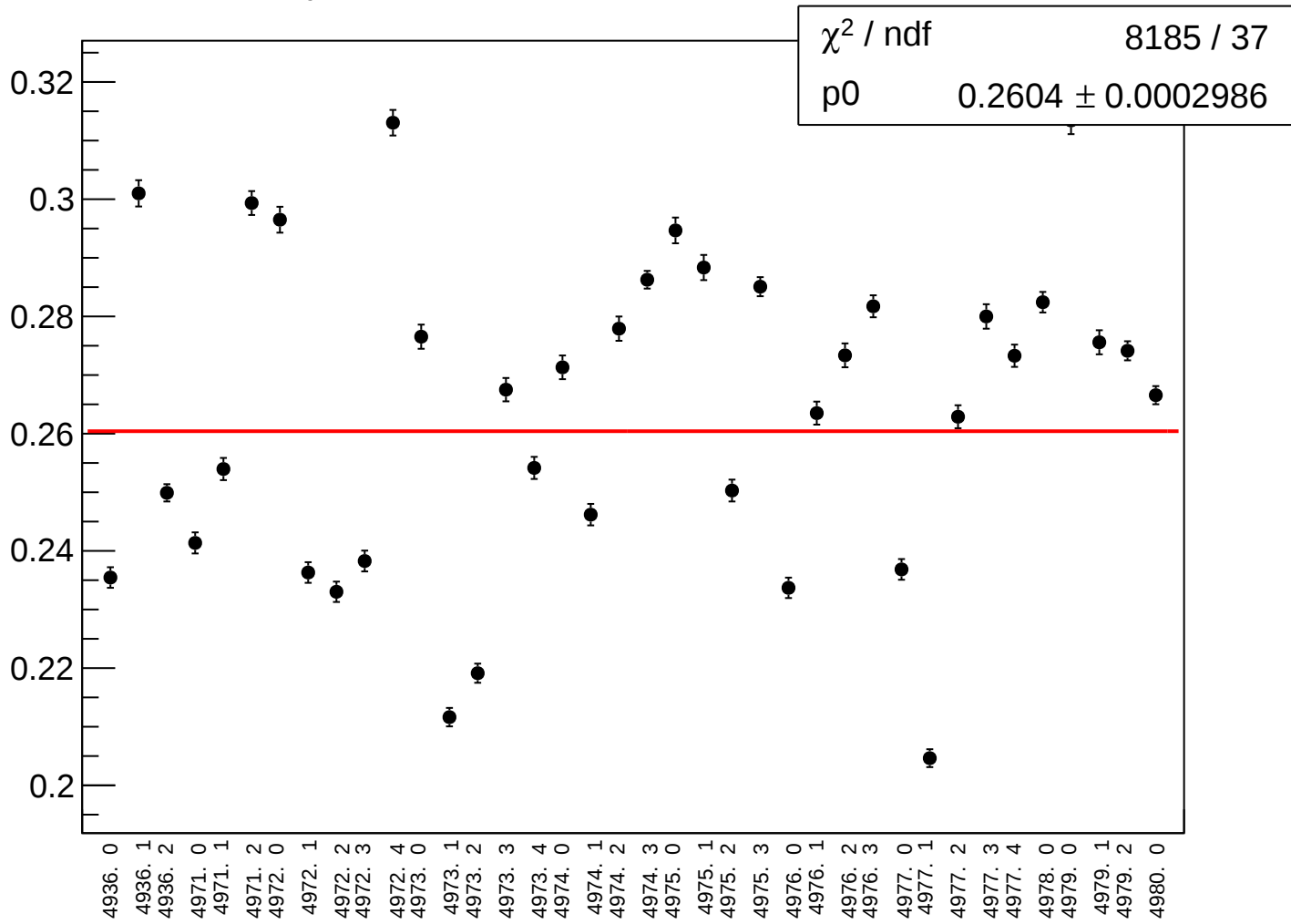
# yield\_bcm\_an\_ds\_rms vs run



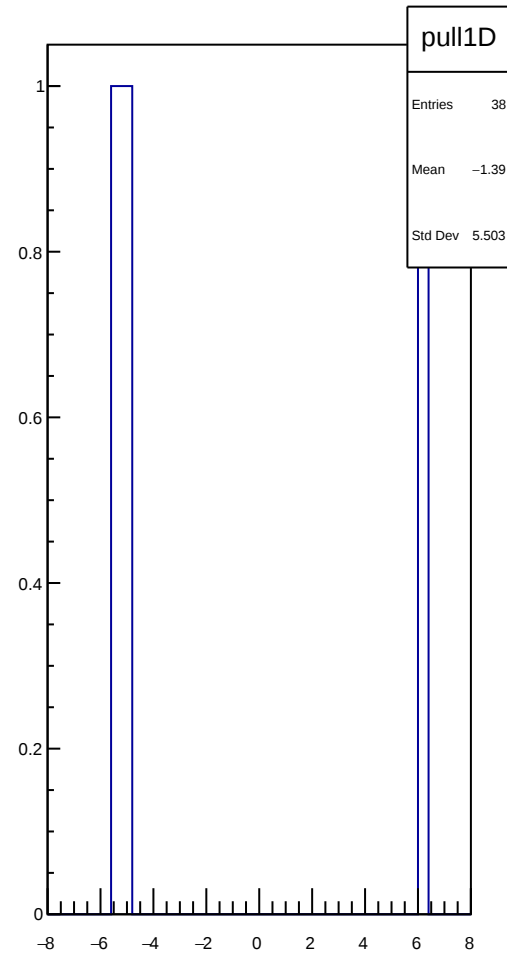
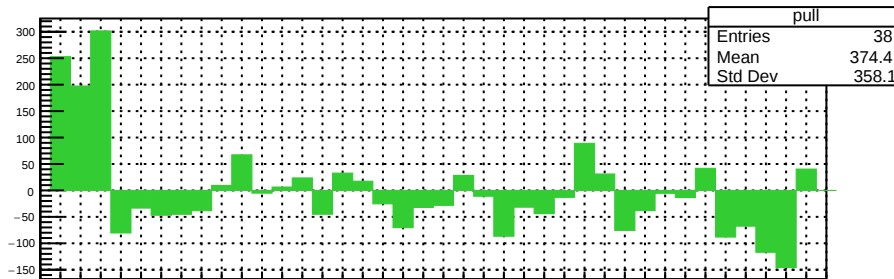
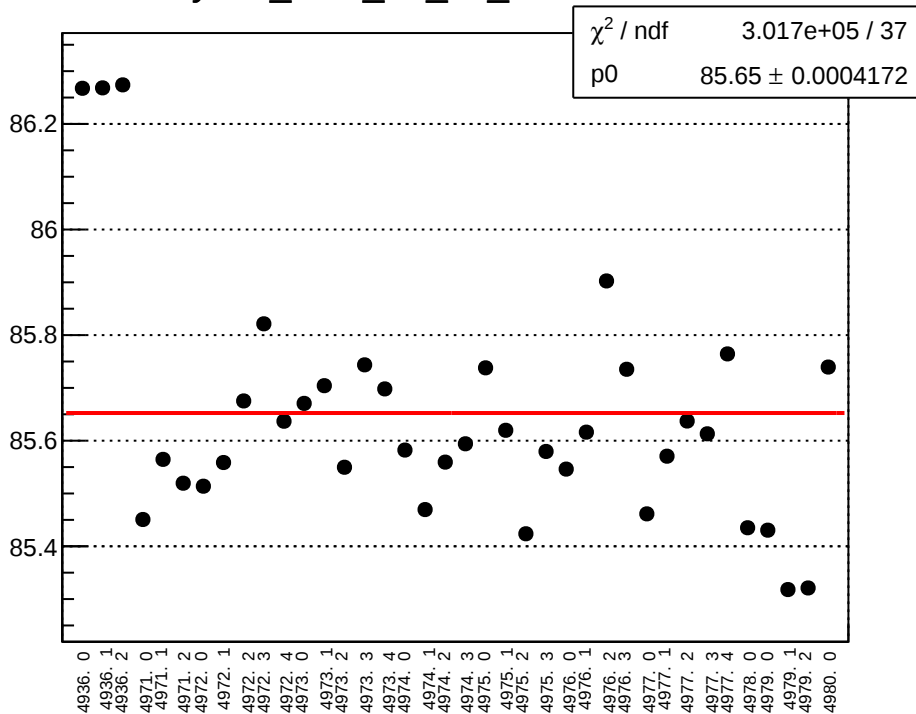
yield\_bcm\_an\_ds3\_mean vs run



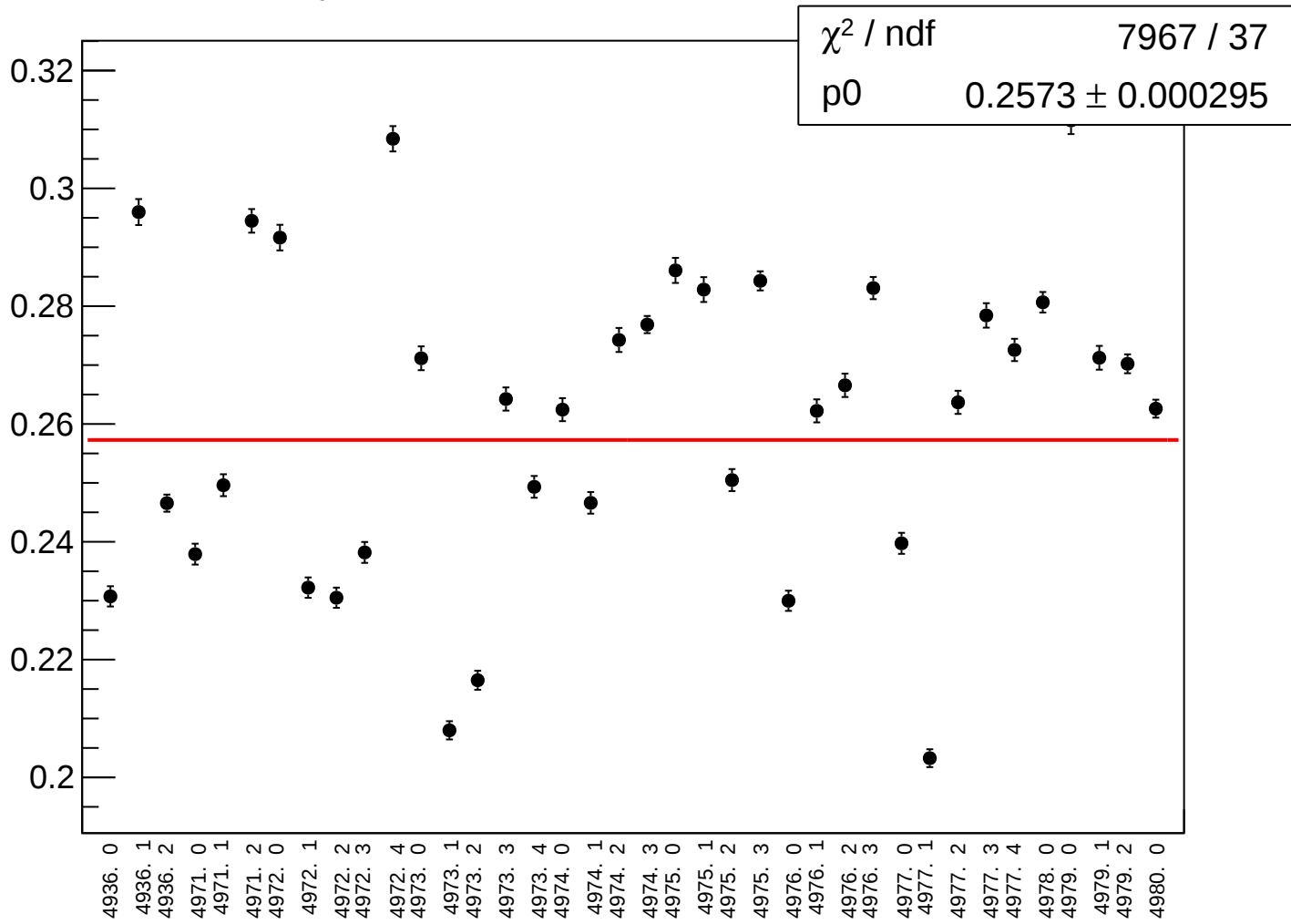
# yield\_bcm\_an\_ds3\_rms vs run



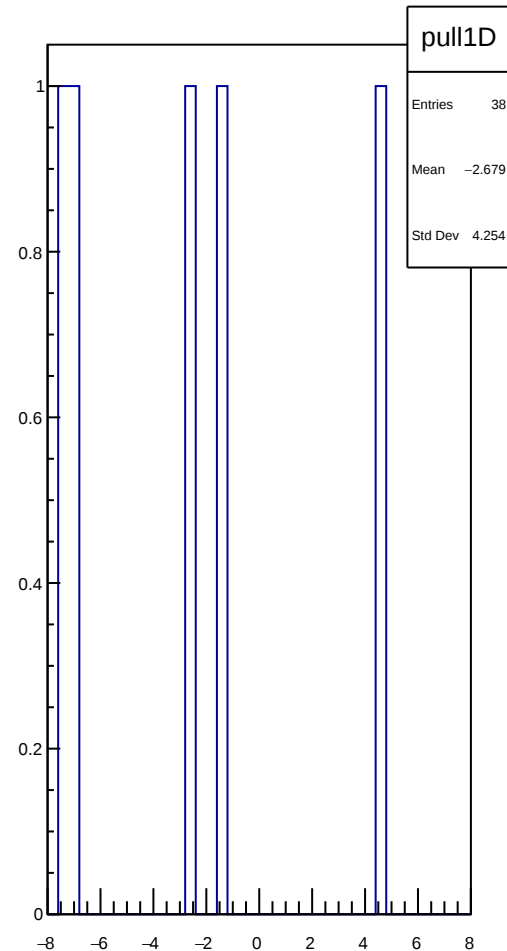
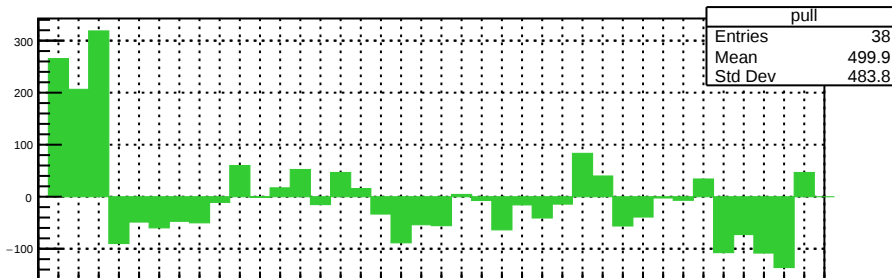
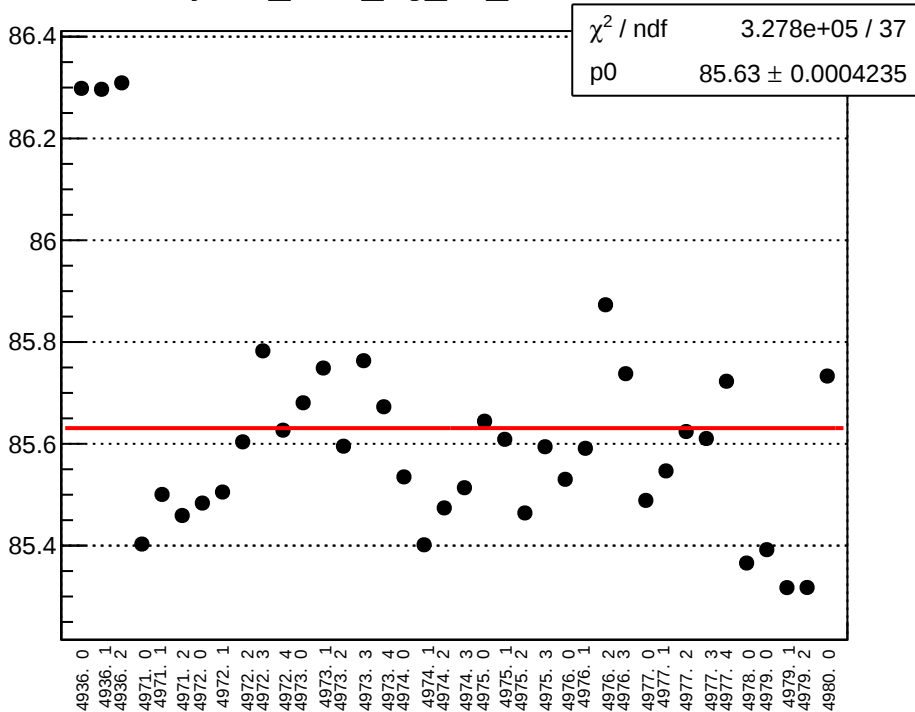
# yield\_bcm\_an\_us\_mean vs run



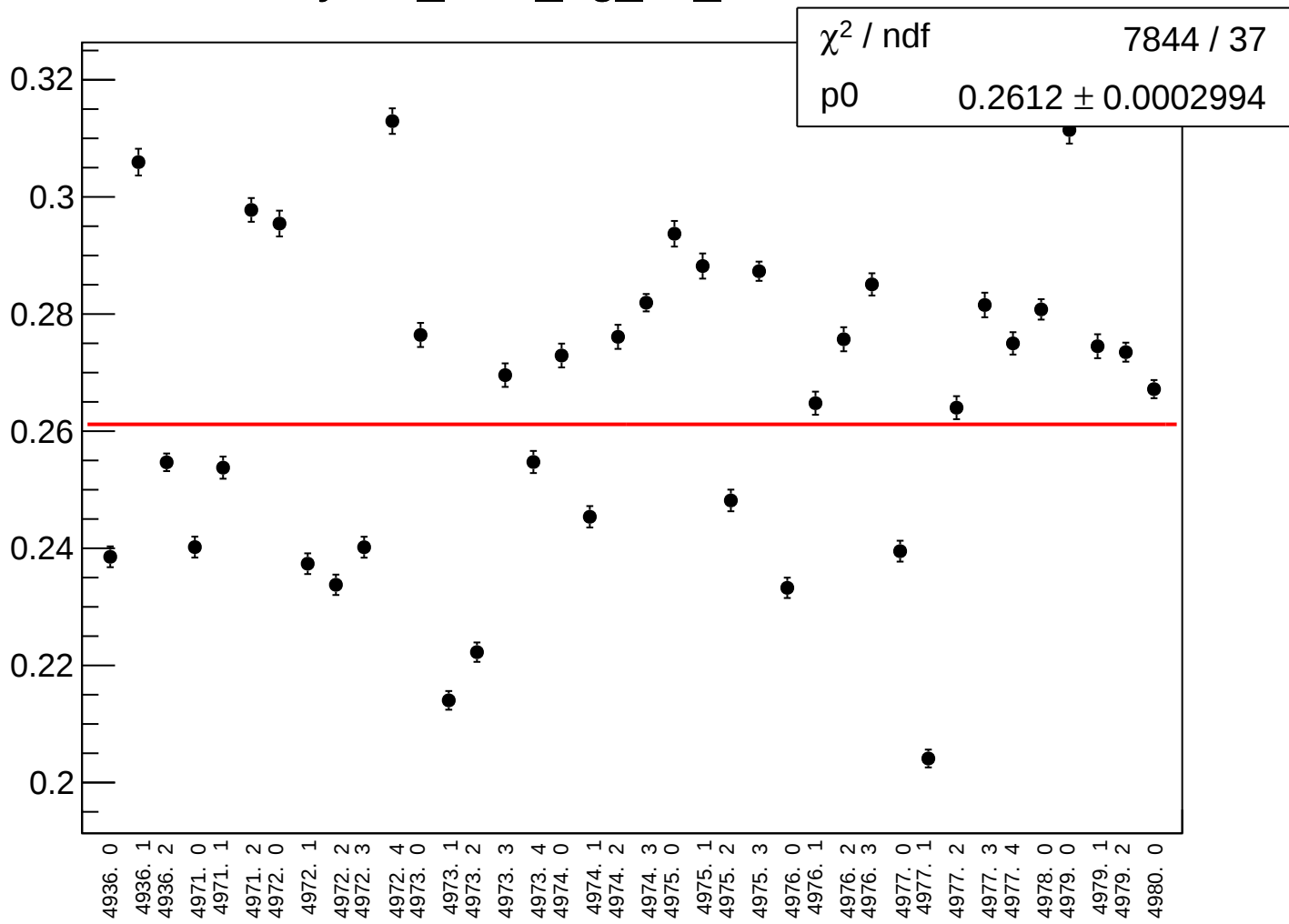
# yield\_bcm\_an\_us\_rms vs run



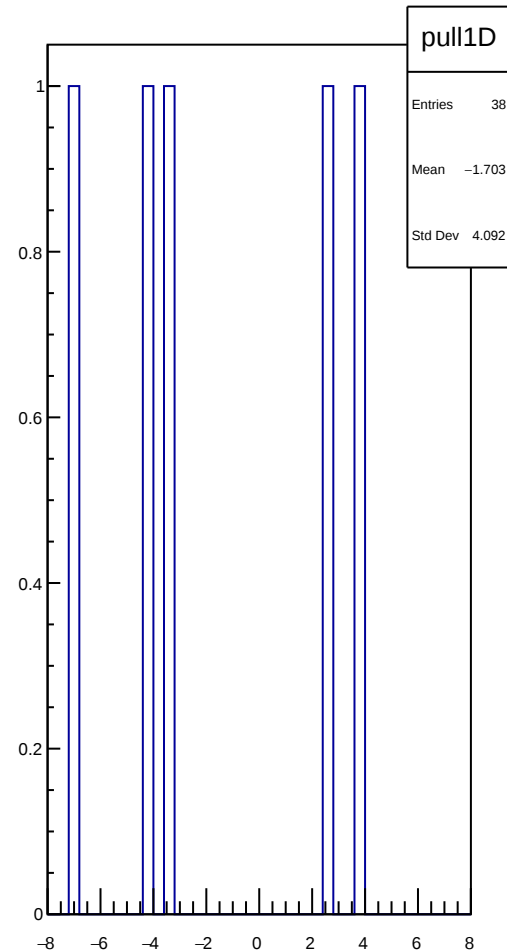
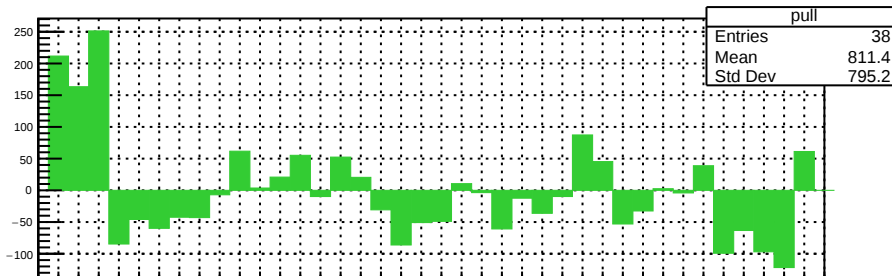
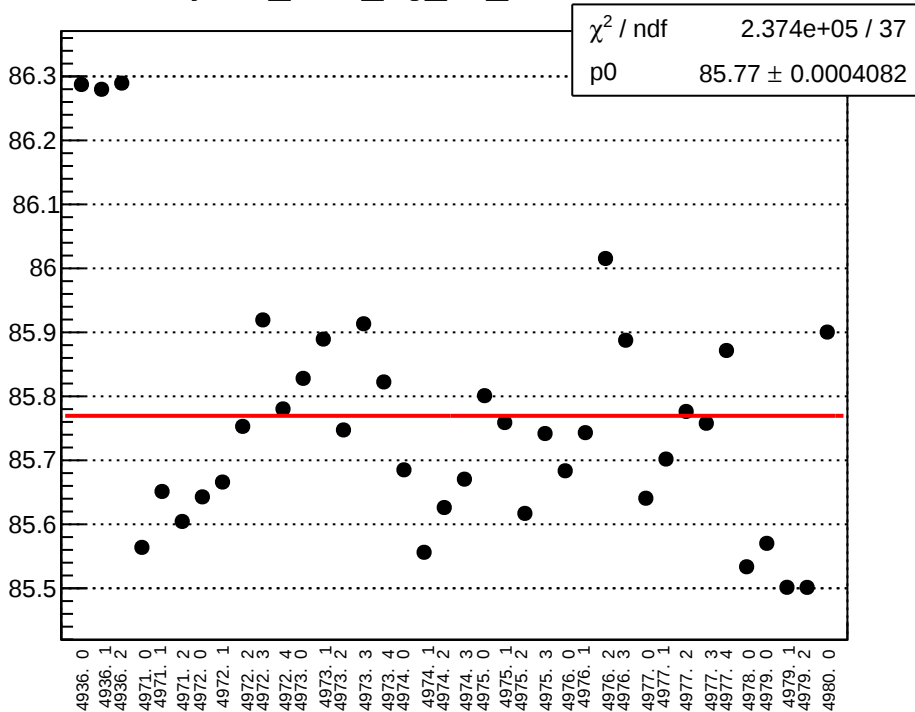
# yield\_bcm\_dg\_us\_mean vs run



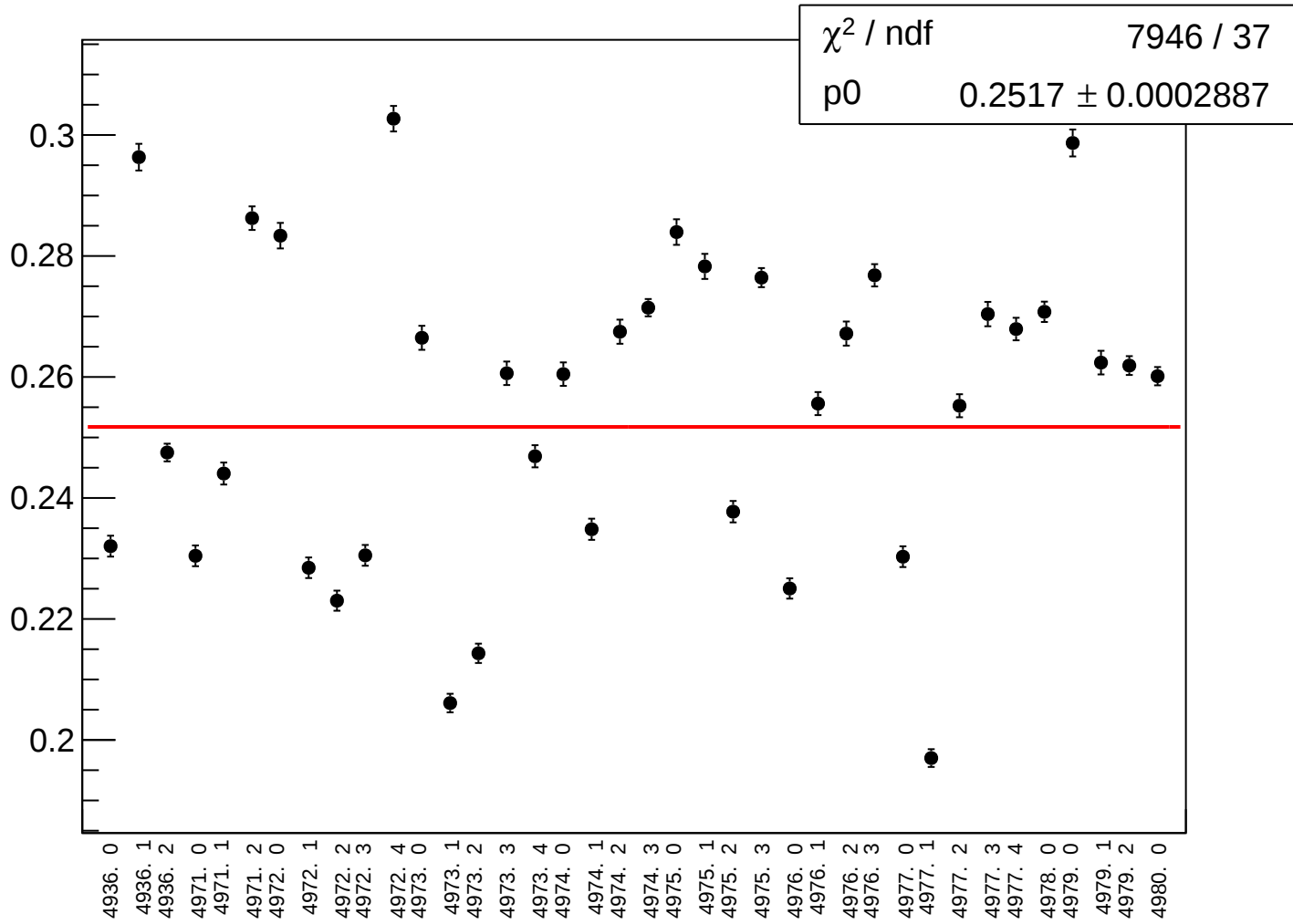
# yield\_bcm\_dg\_us\_rms vs run



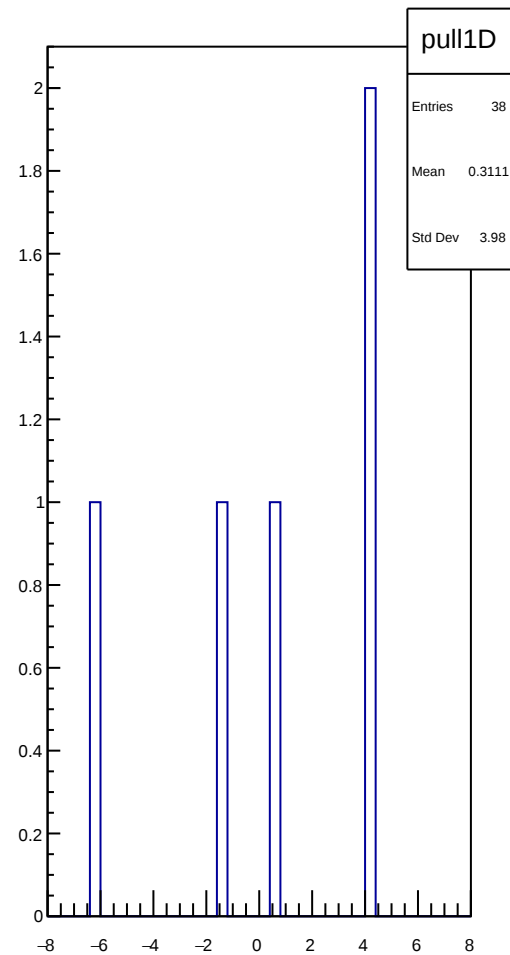
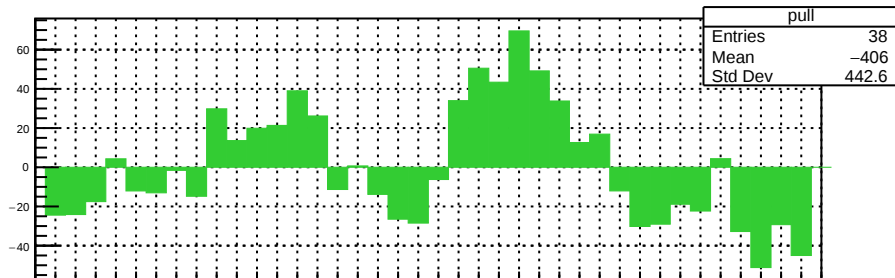
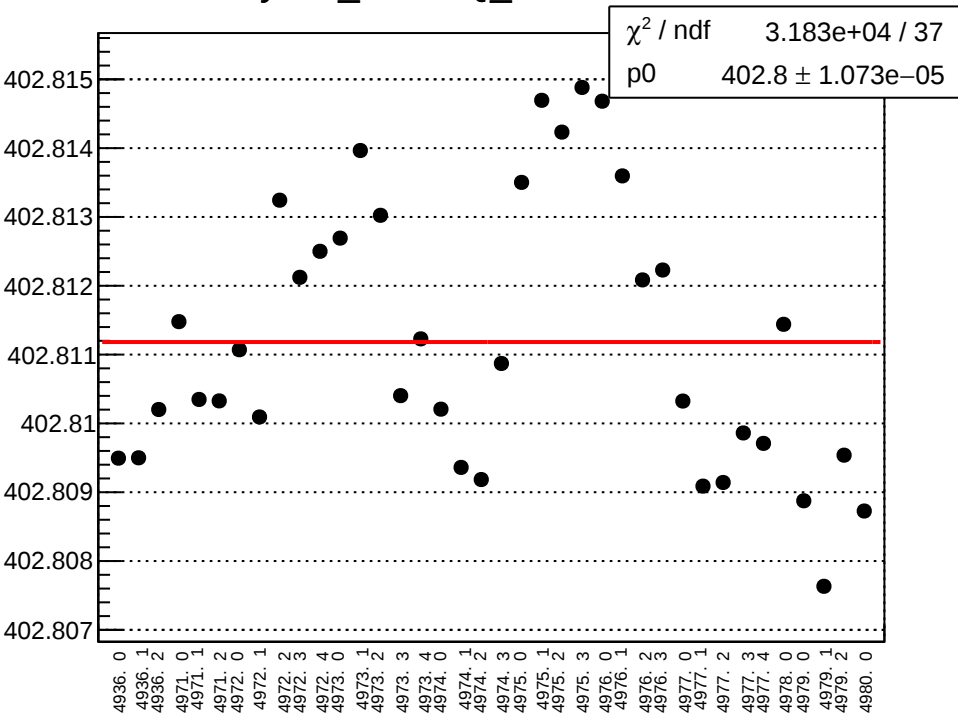
# yield\_bcm\_dg\_ds\_mean vs run



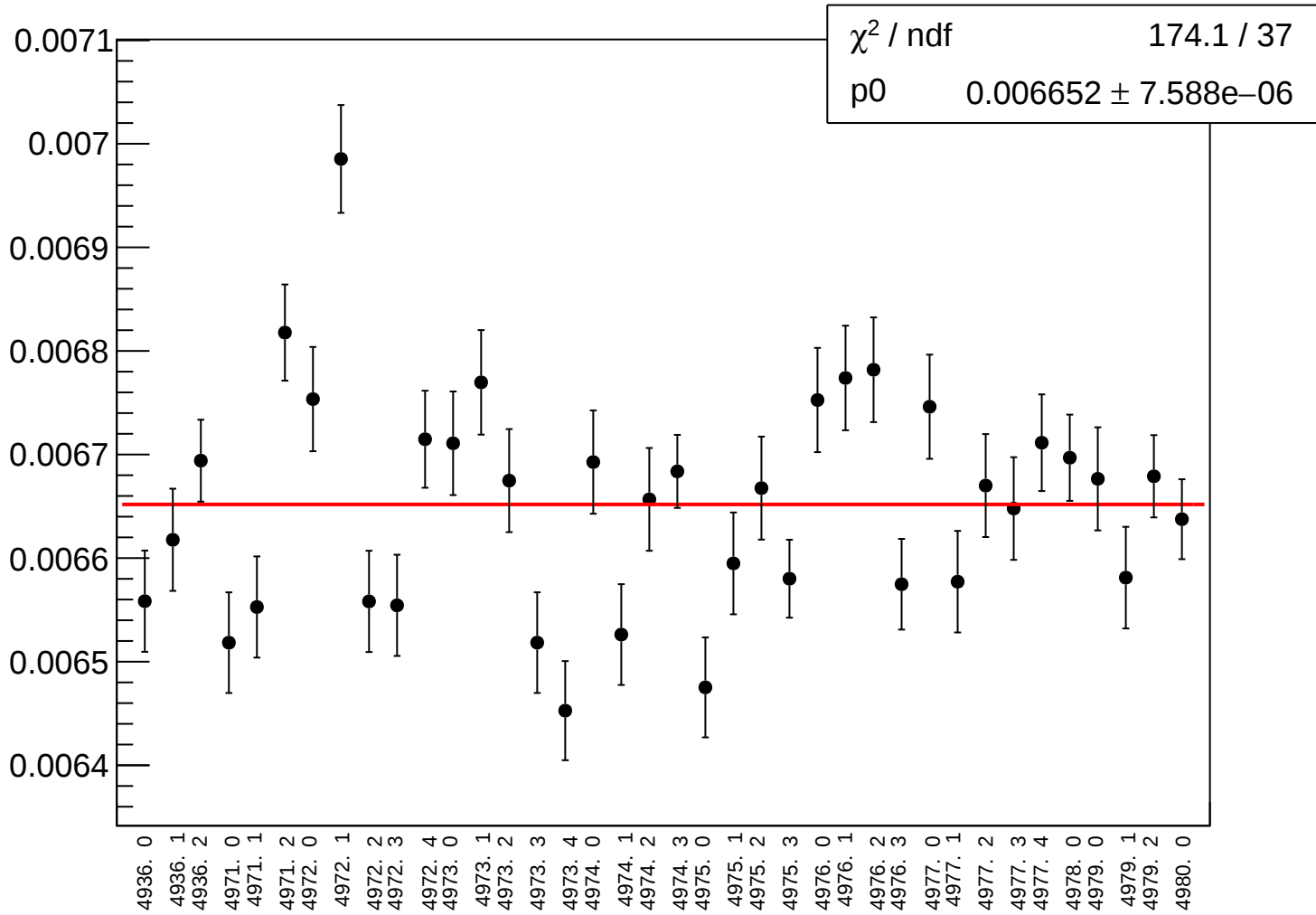
# yield\_bcm\_dg\_ds\_rms vs run



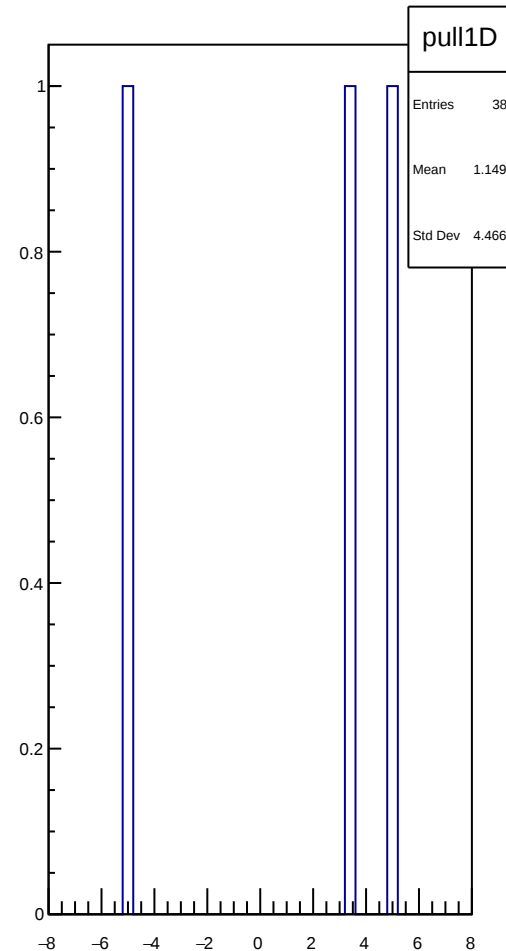
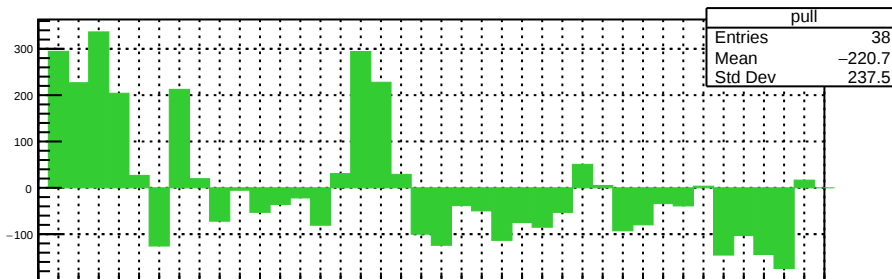
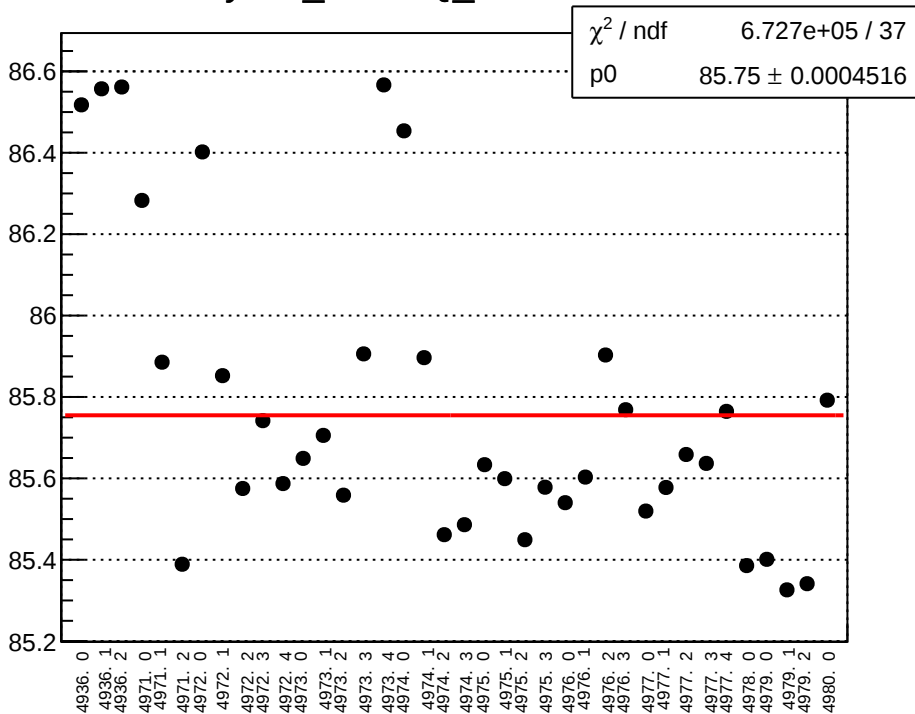
# yield\_cav4bQ\_mean vs run



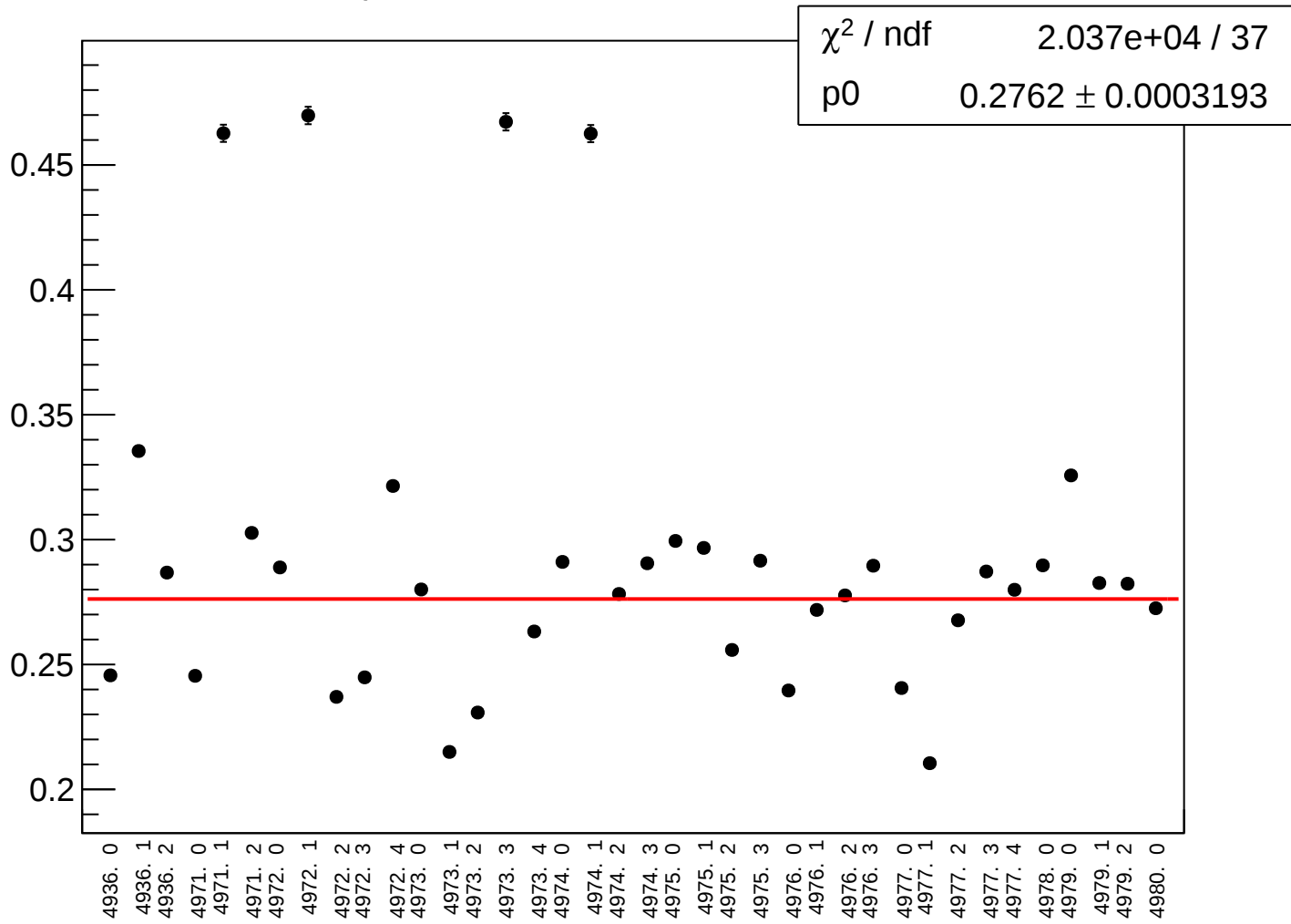
# yield\_cav4bQ\_rms vs run



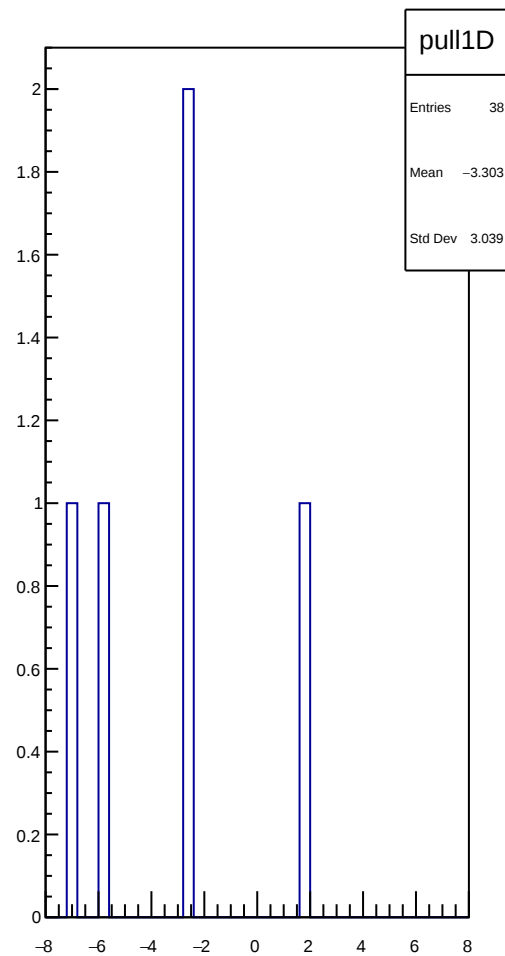
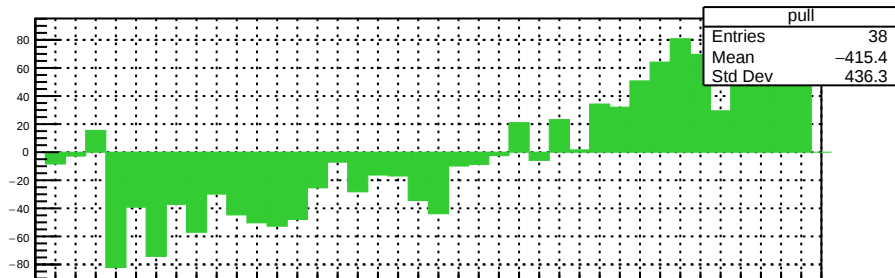
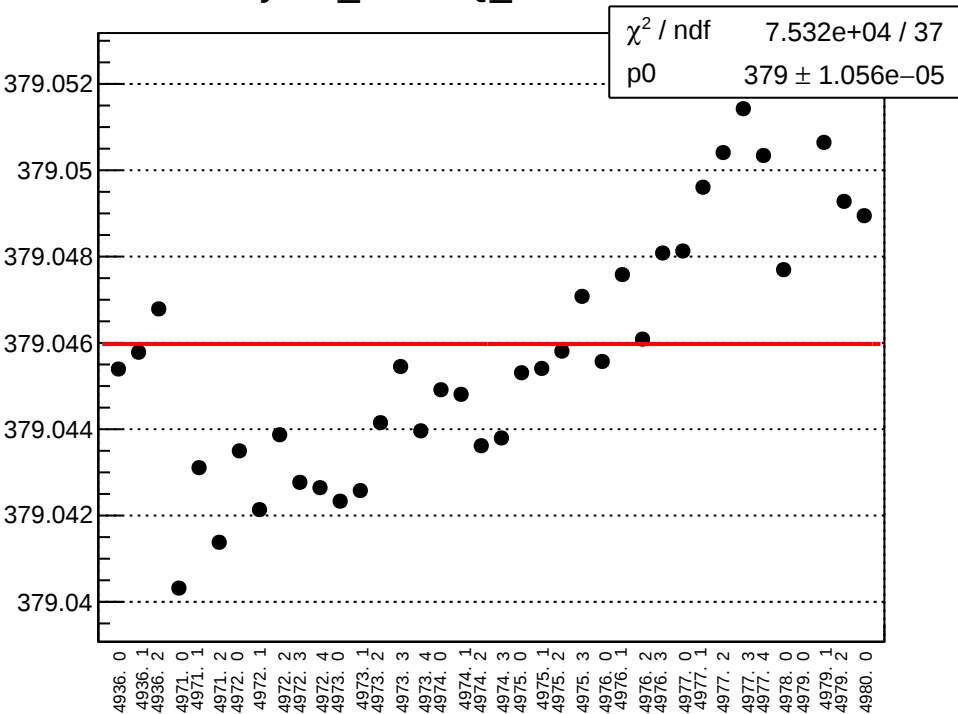
# yield\_cav4cQ\_mean vs run



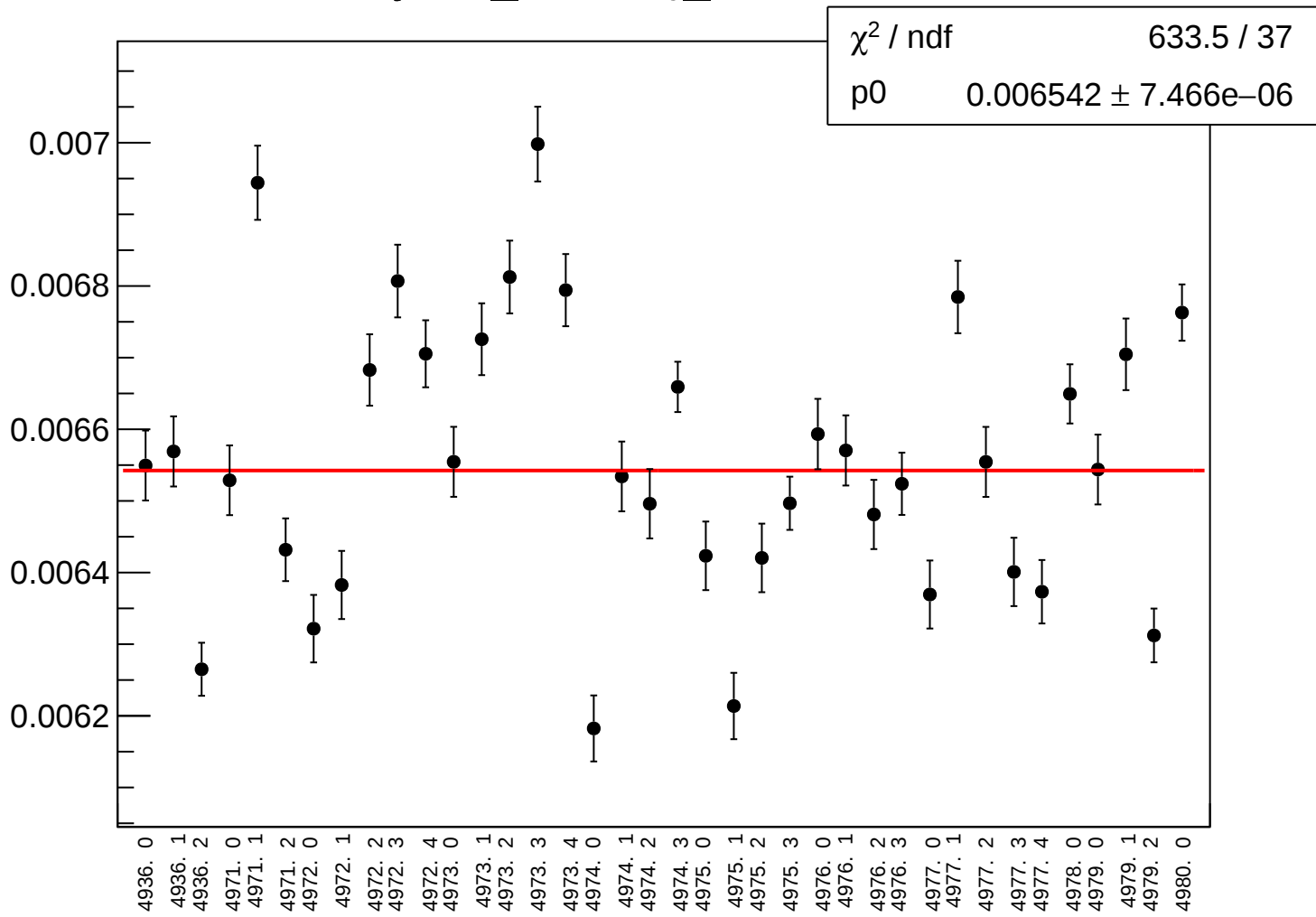
# yield\_cav4cQ\_rms vs run



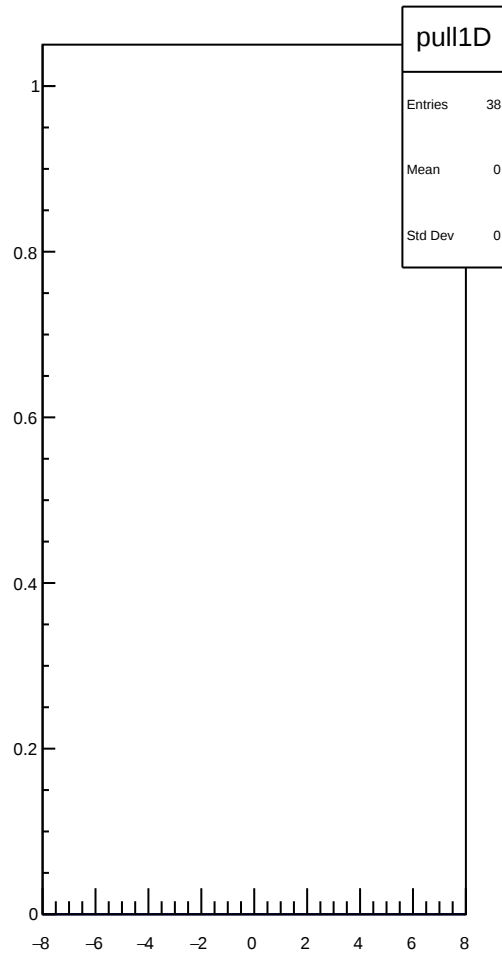
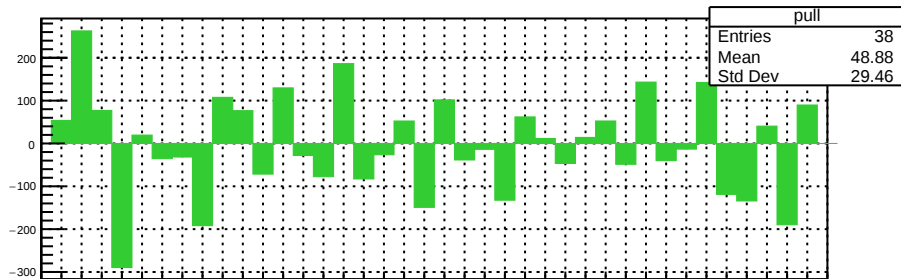
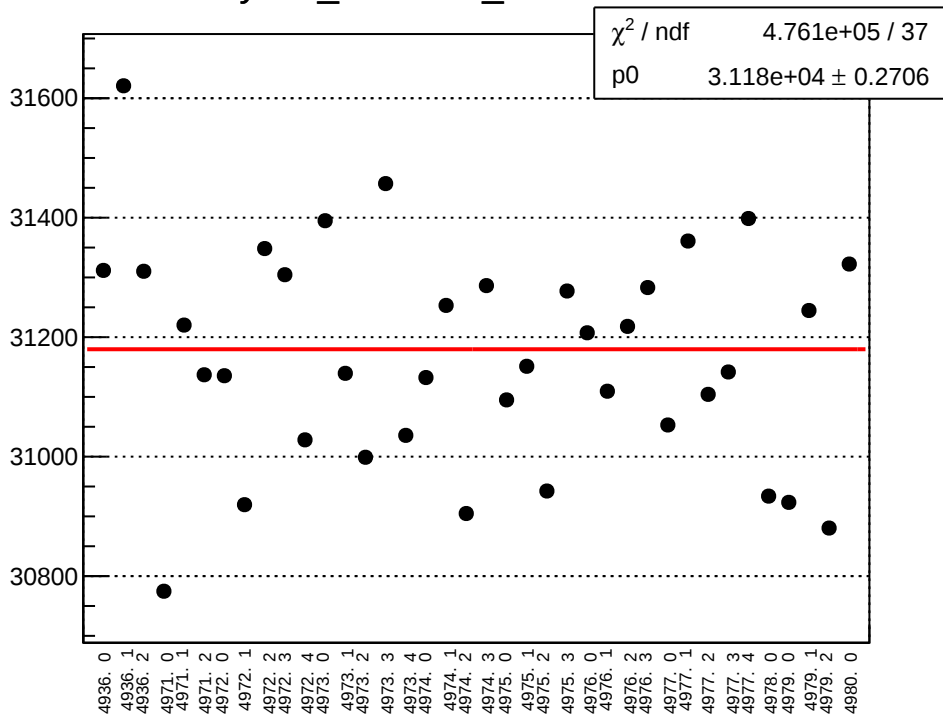
# yield\_cav4dQ\_mean vs run



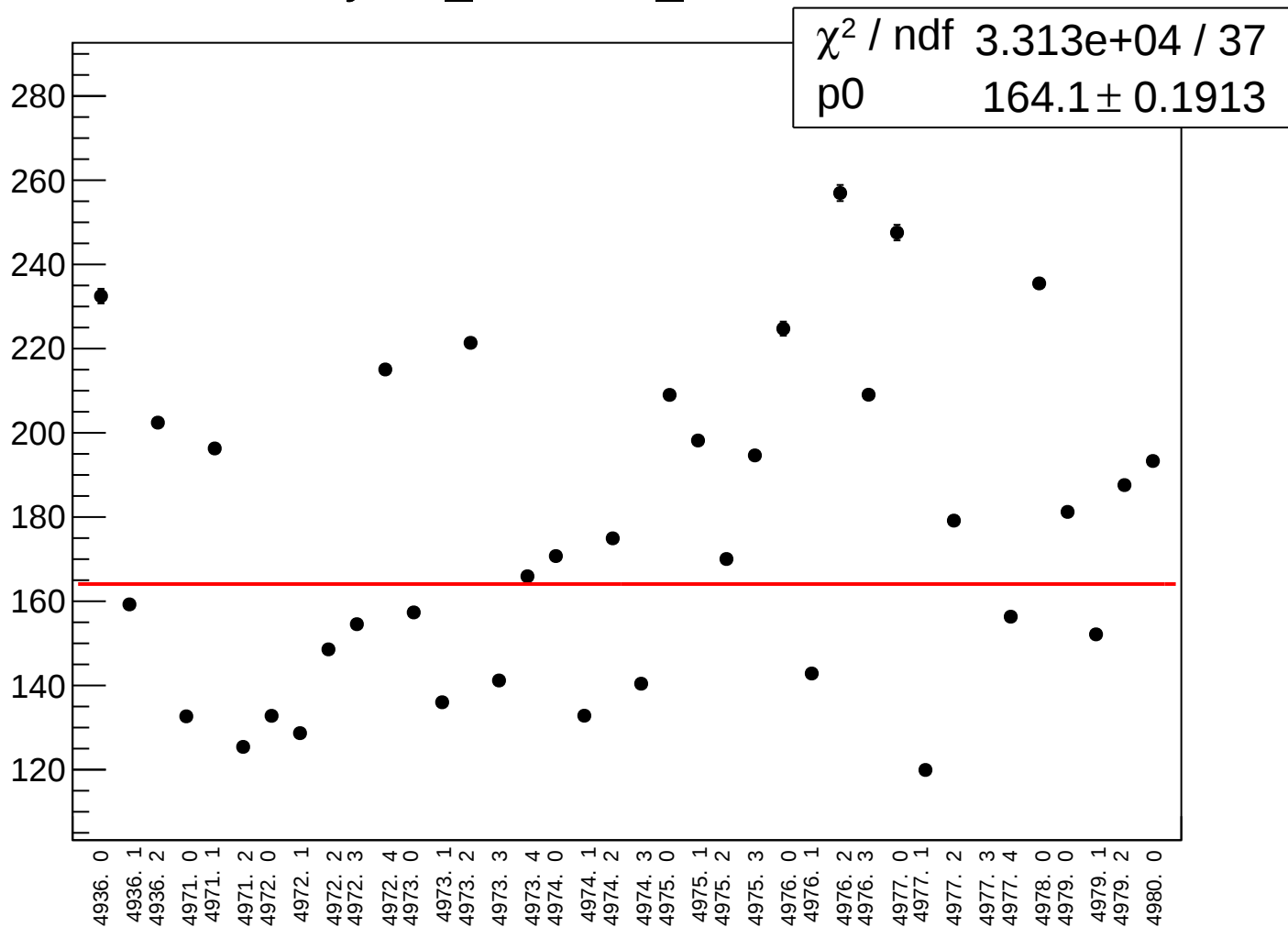
# yield\_cav4dQ\_rms vs run



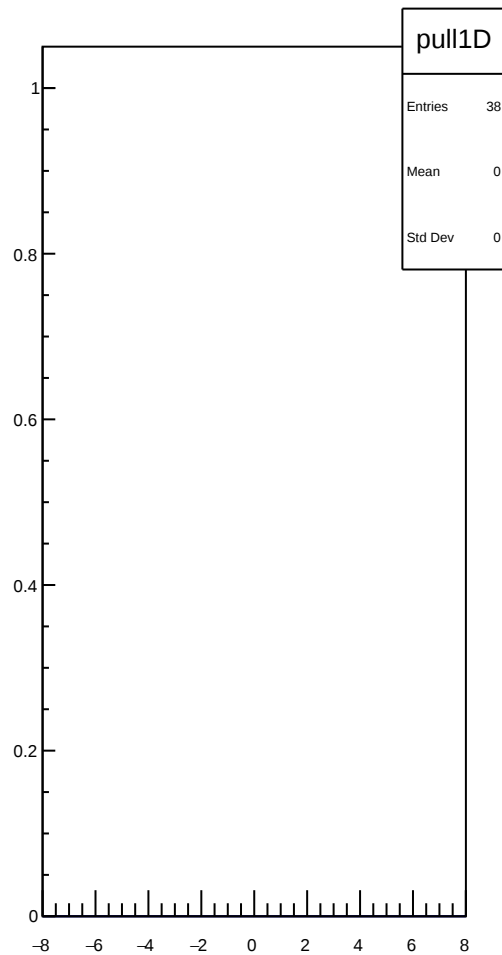
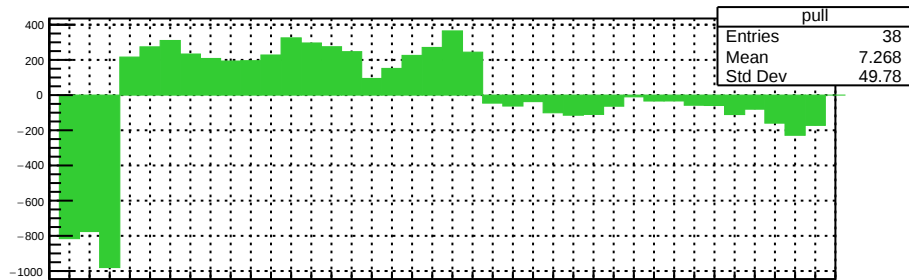
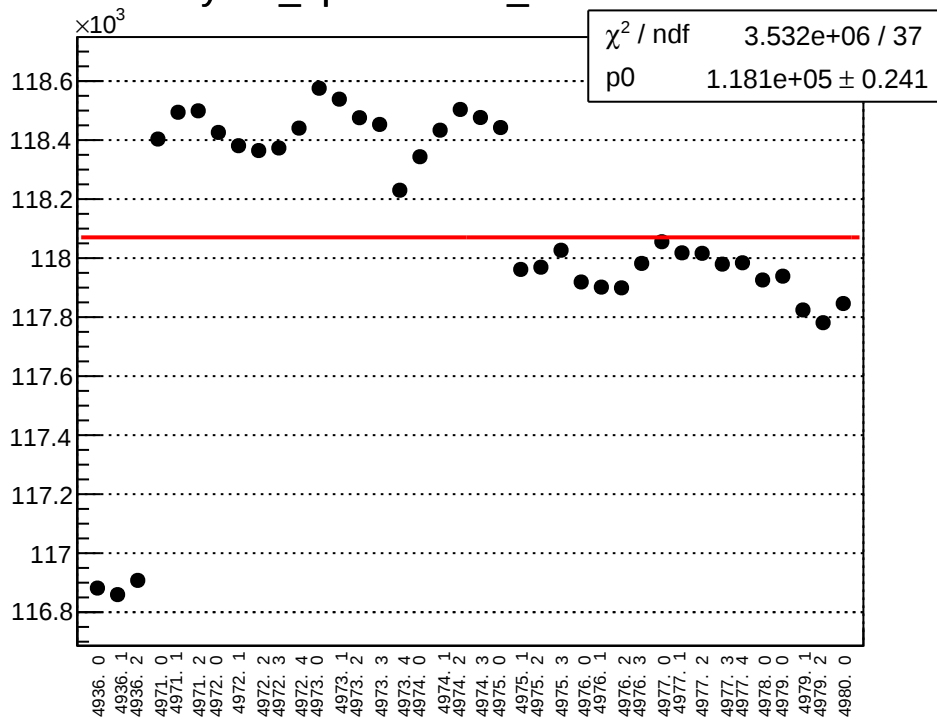
yield\_bcm0l02\_mean vs run



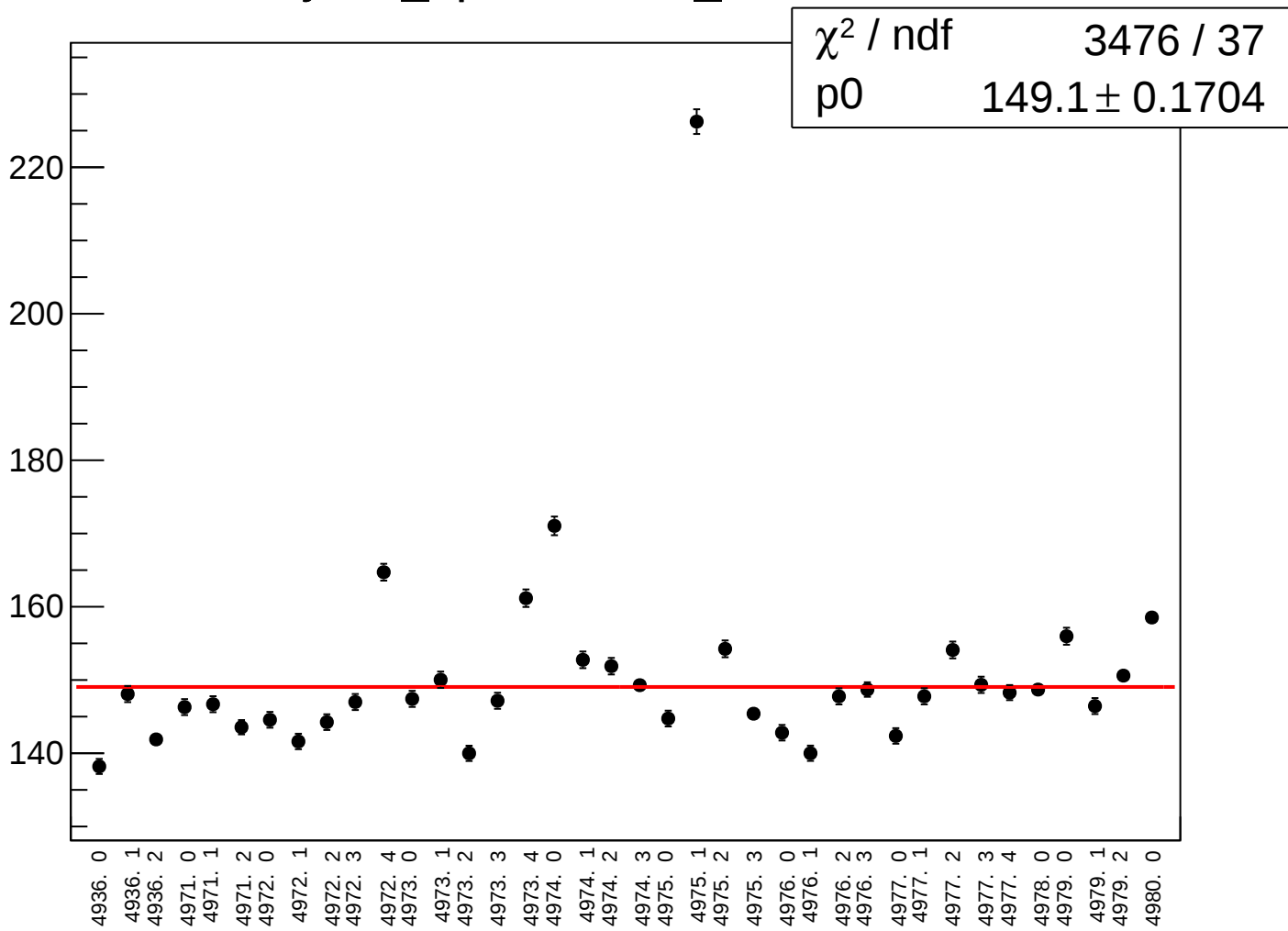
# yield\_bcm0l02\_rms vs run



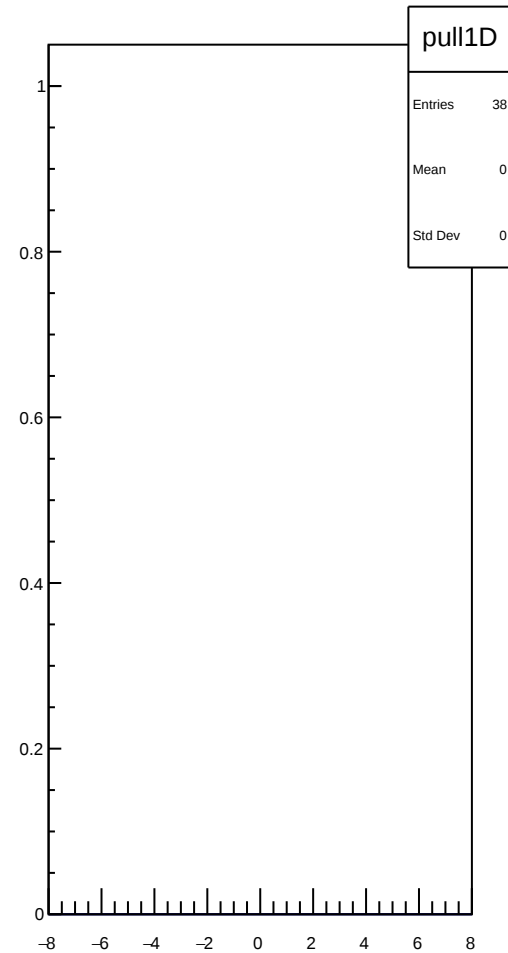
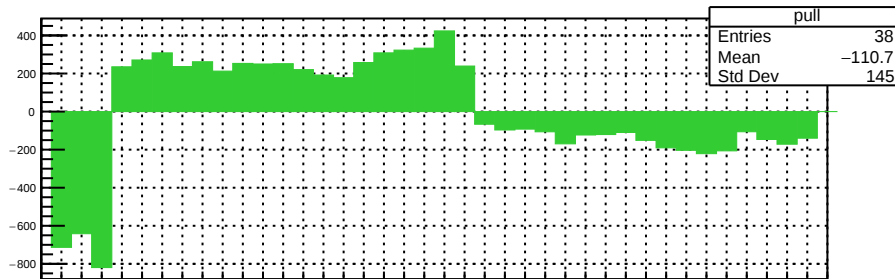
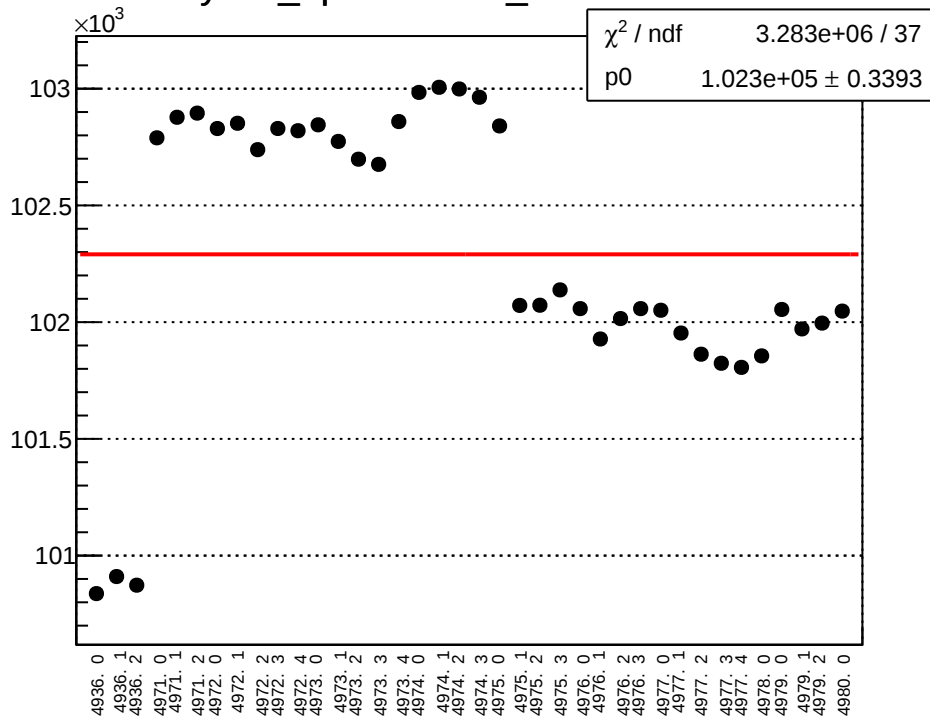
yield\_bpm2i01WS\_mean vs run



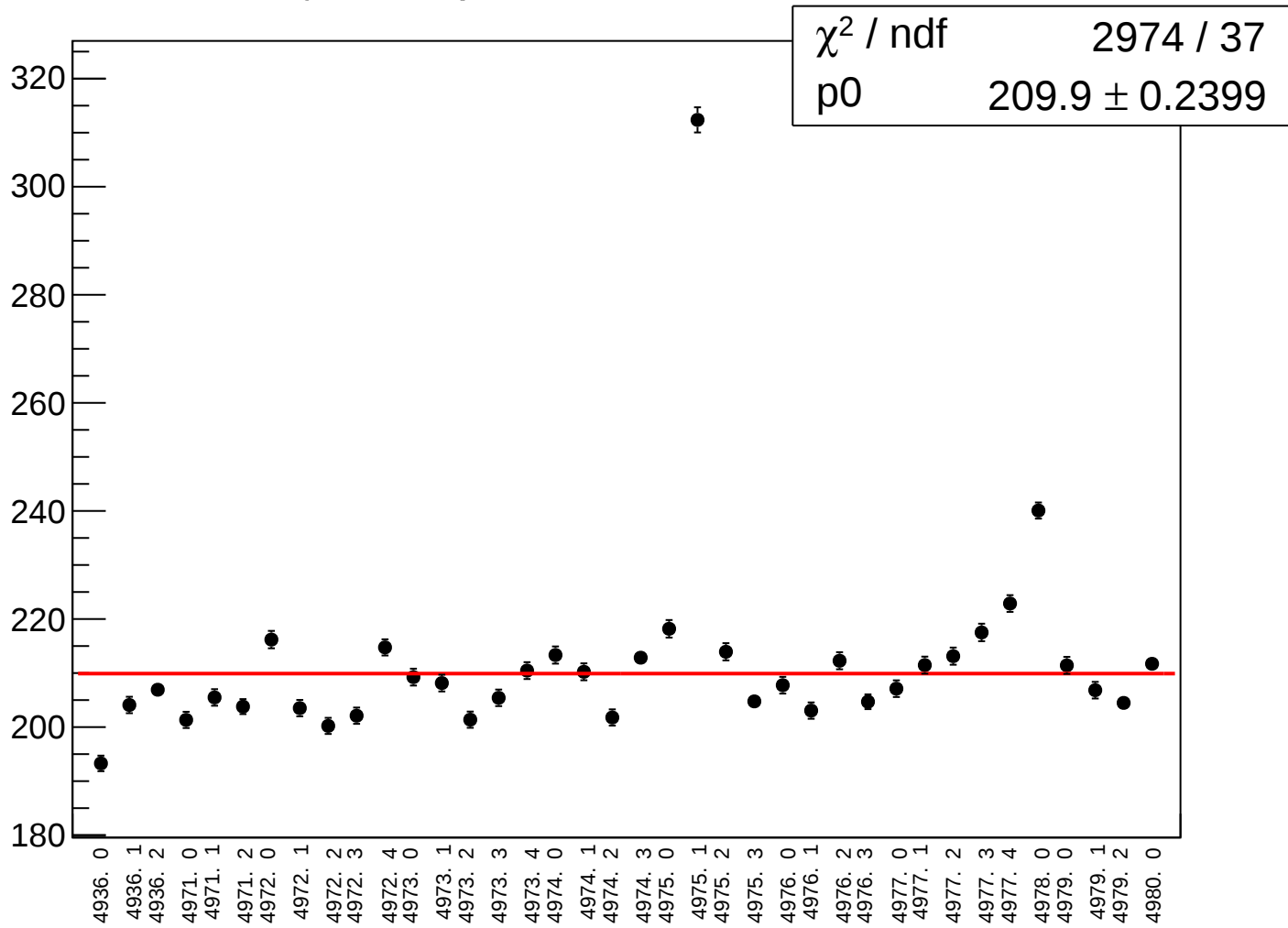
# yield\_bpm2i01WS\_rms vs run



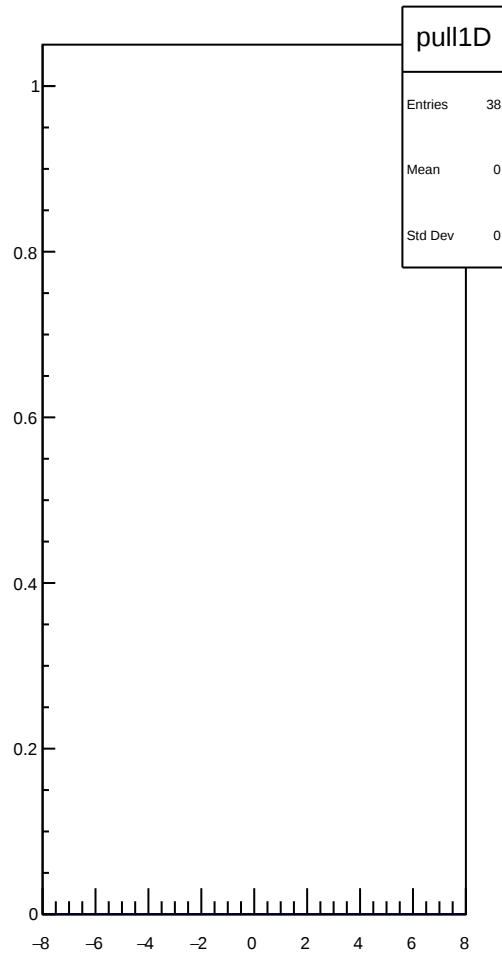
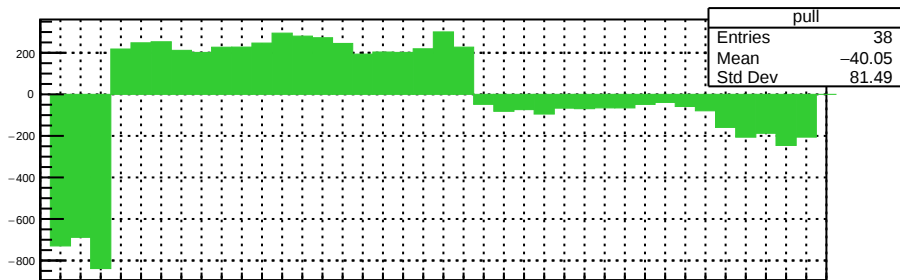
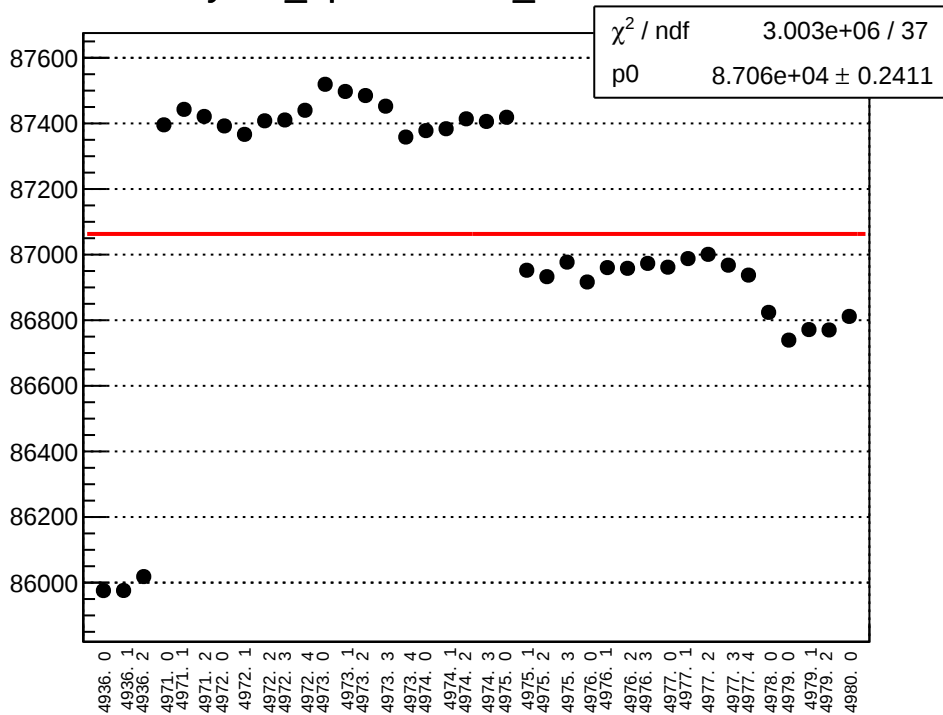
# yield\_bpm0i07WS\_mean vs run



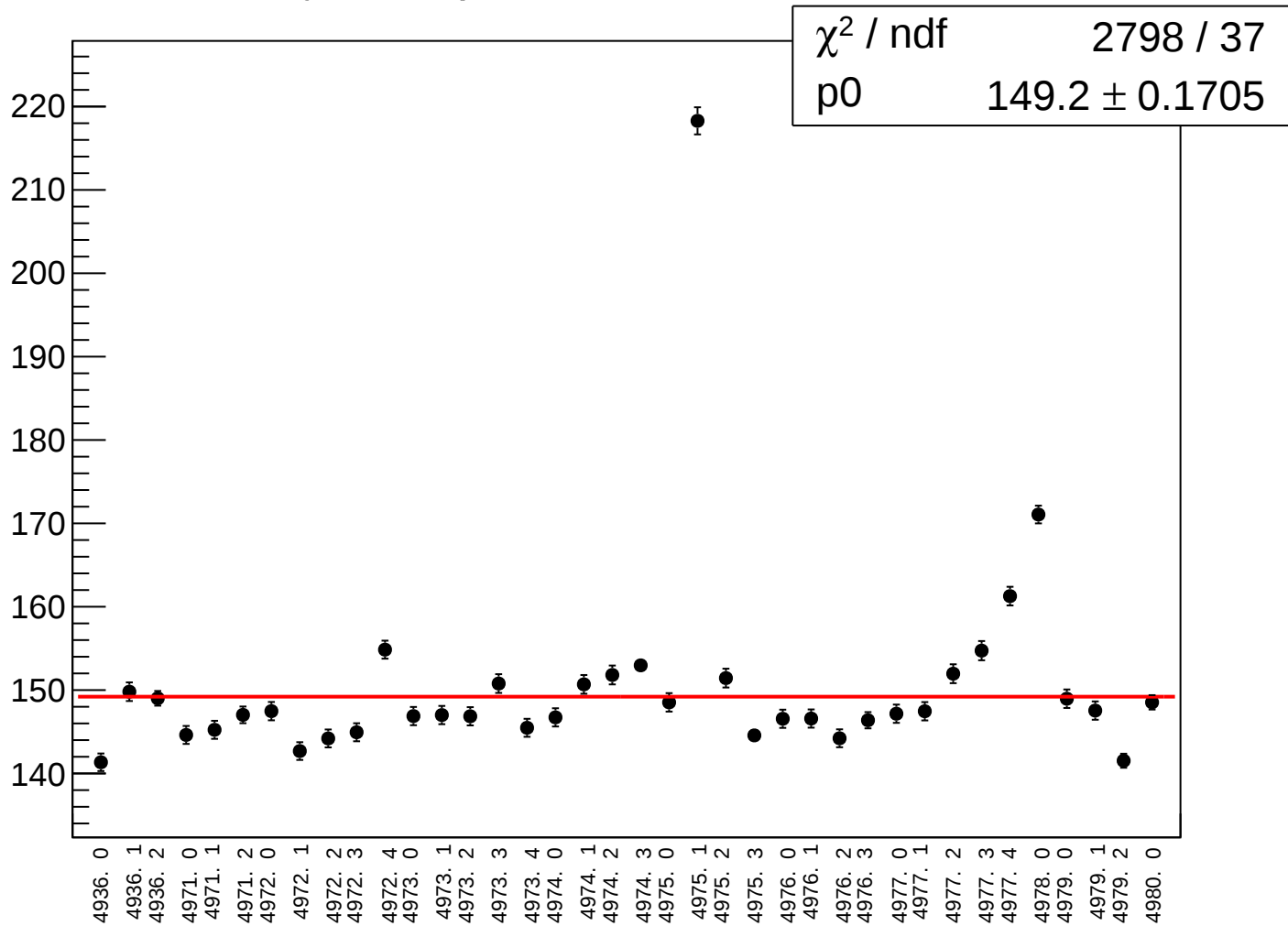
# yield\_bpm0i07WS\_rms vs run



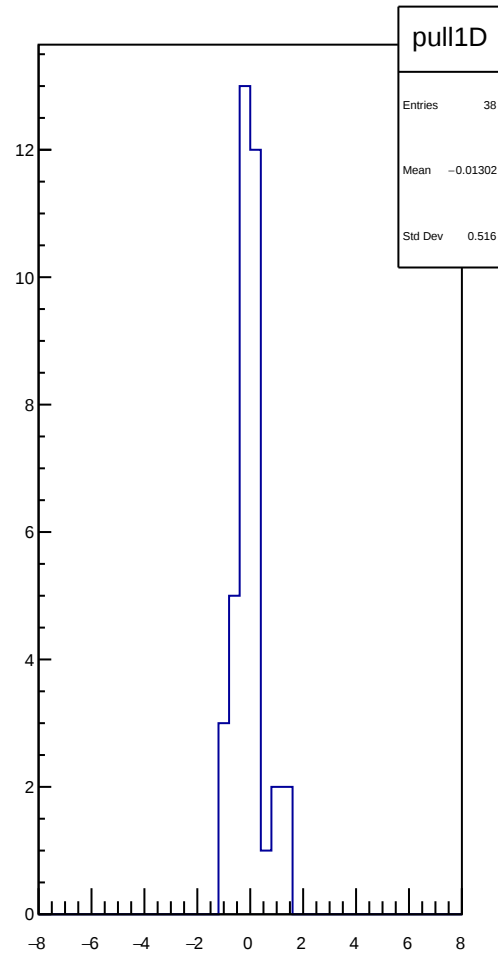
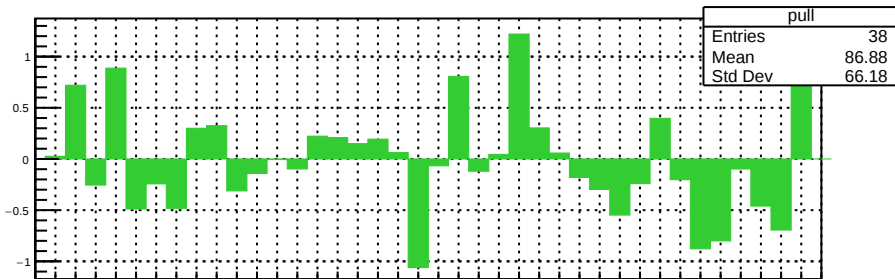
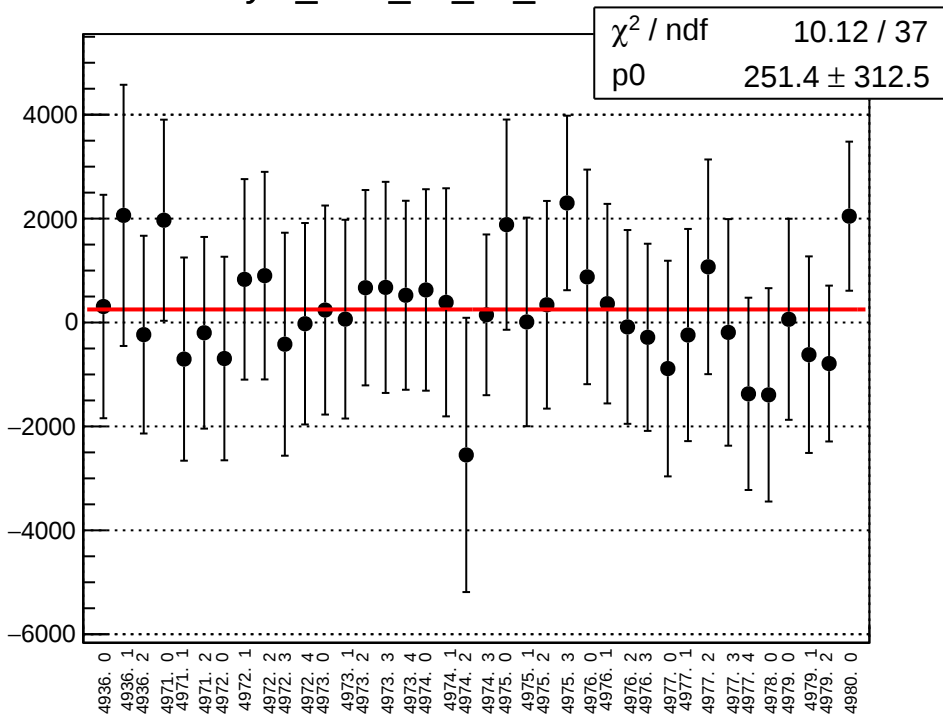
# yield\_bpm0l01WS\_mean vs run



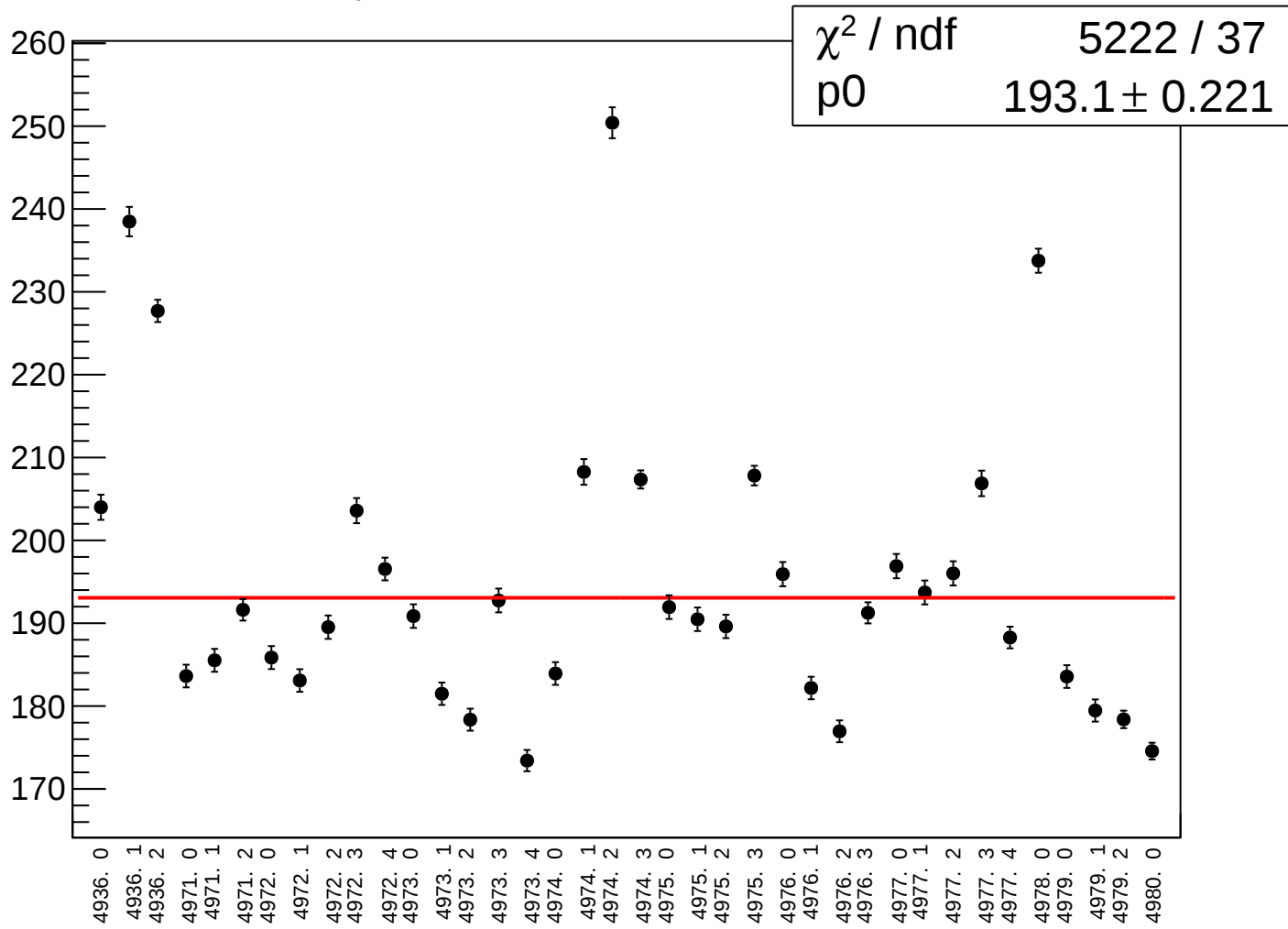
# yield\_bpm0l01WS\_rms vs run



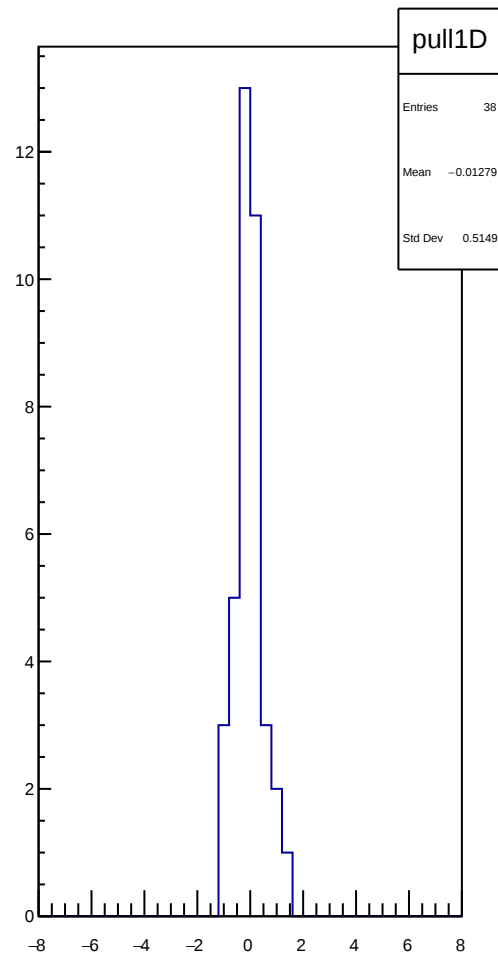
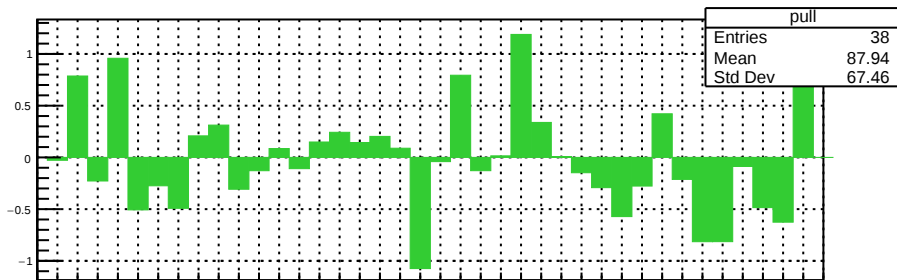
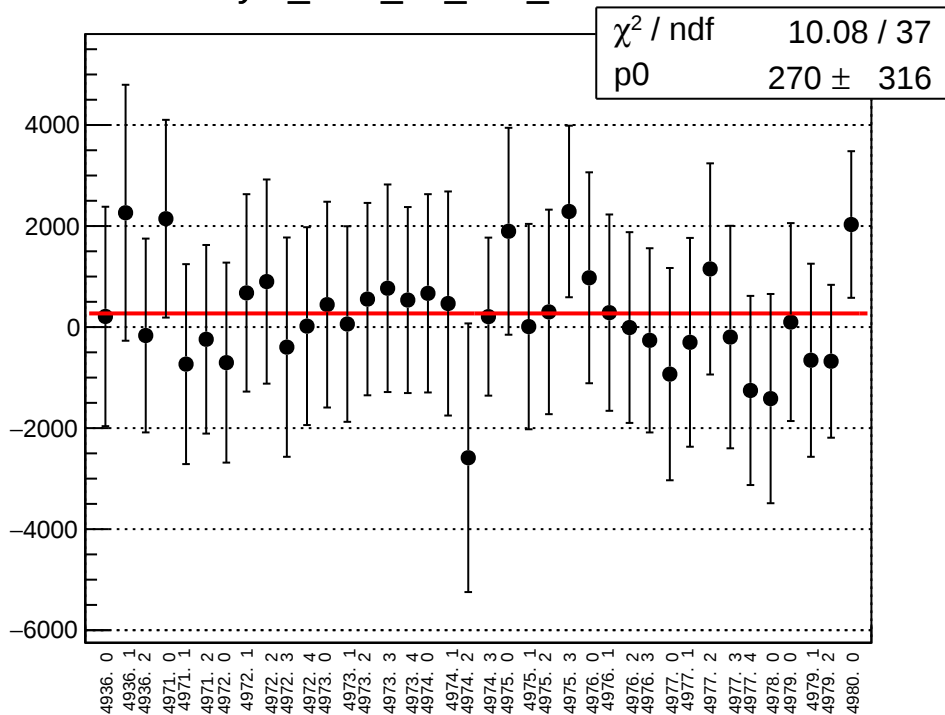
# asym\_bcm\_an\_ds\_mean vs run



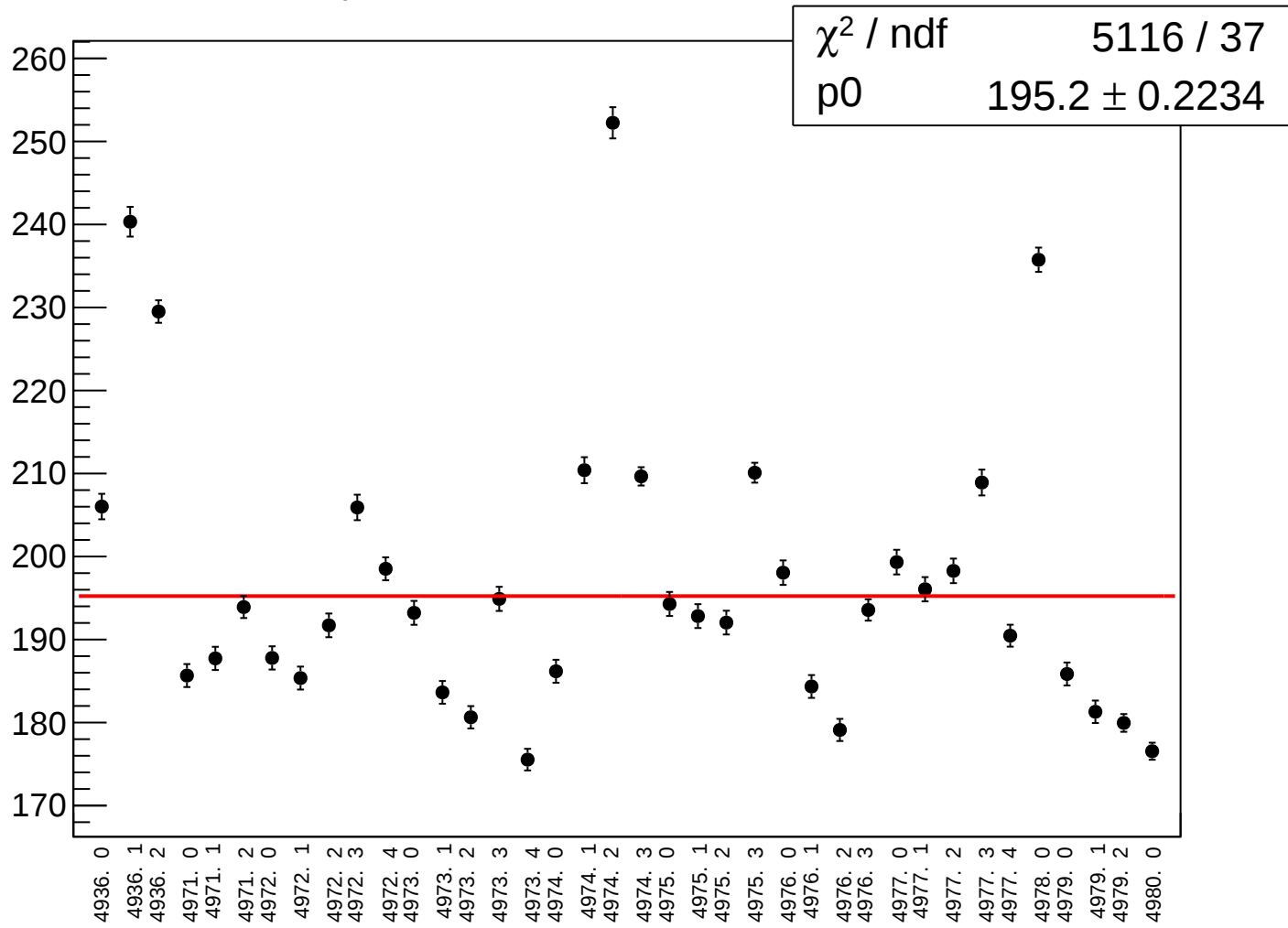
# asym\_bcm\_an\_ds\_rms vs run



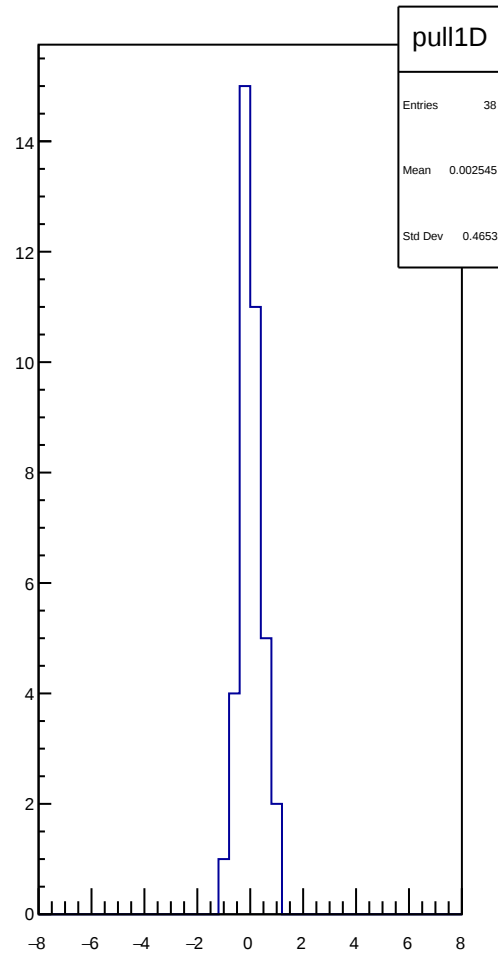
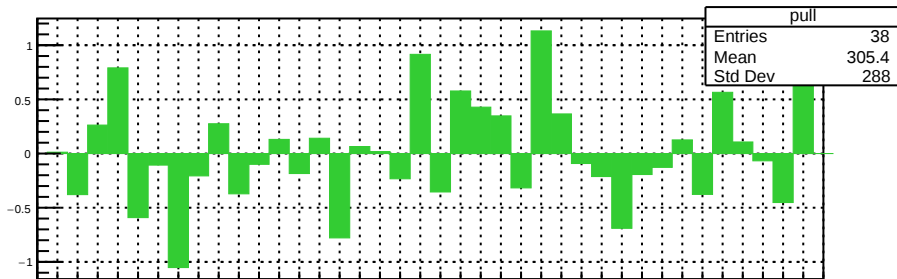
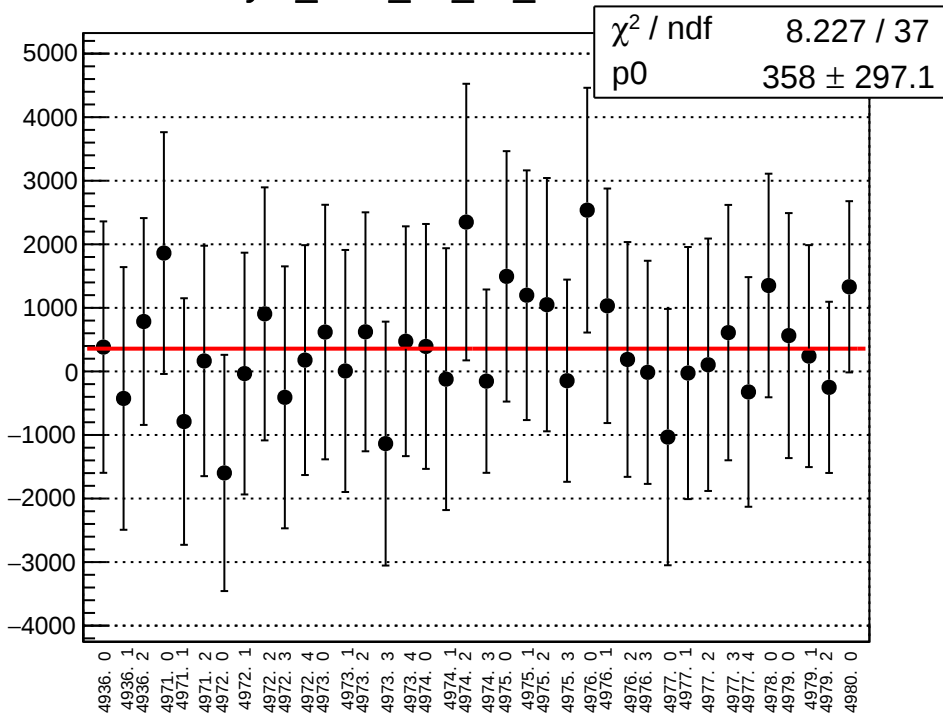
asym\_bcm\_an\_ds3\_mean vs run



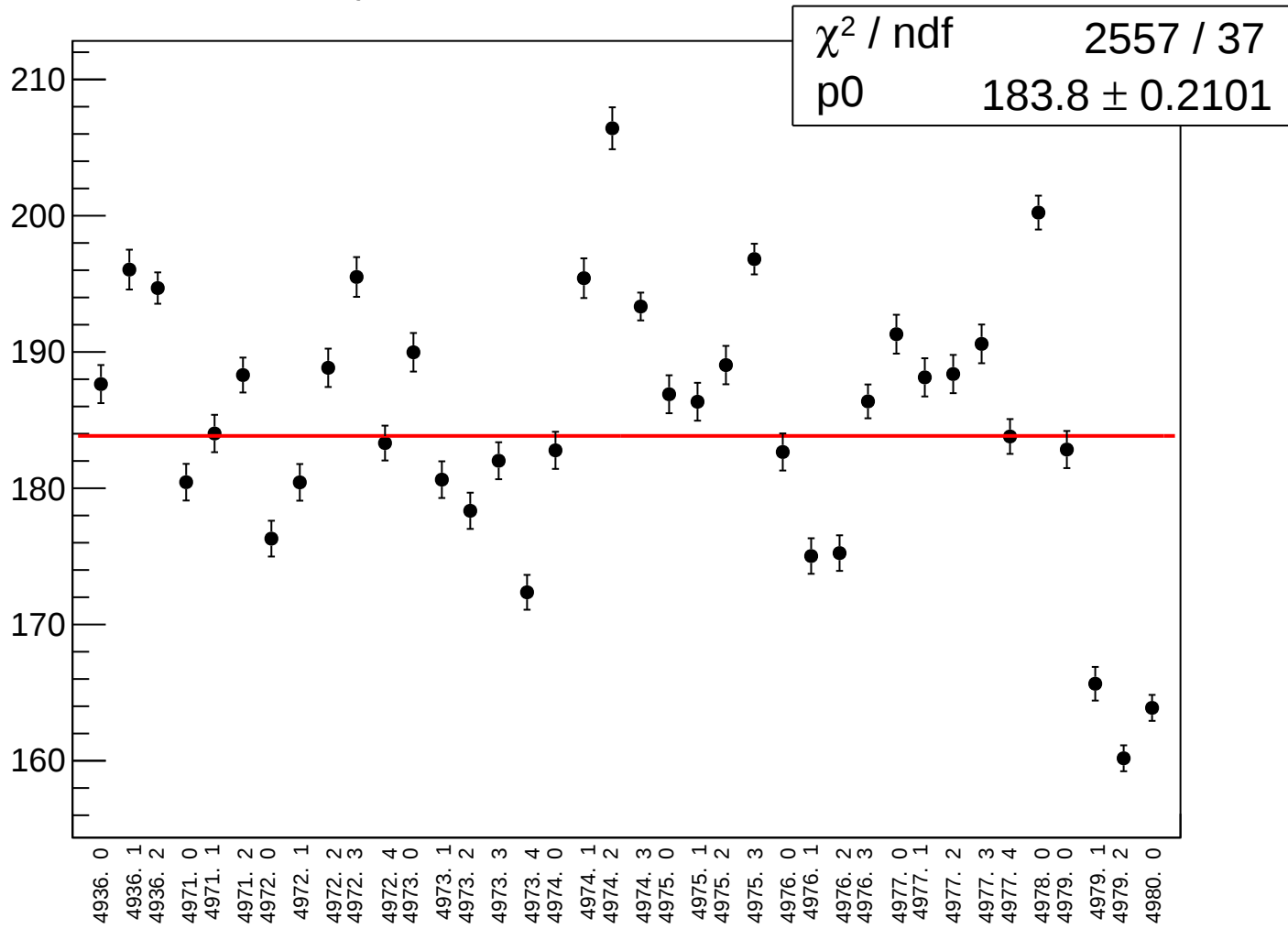
# asym\_bcm\_an\_ds3\_rms vs run



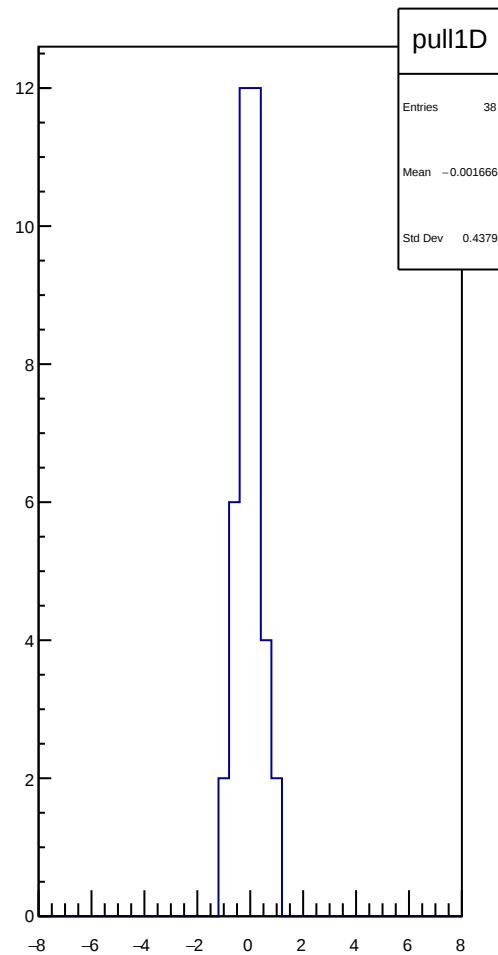
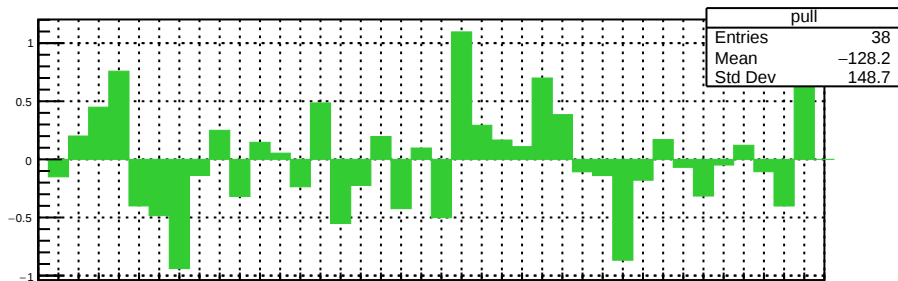
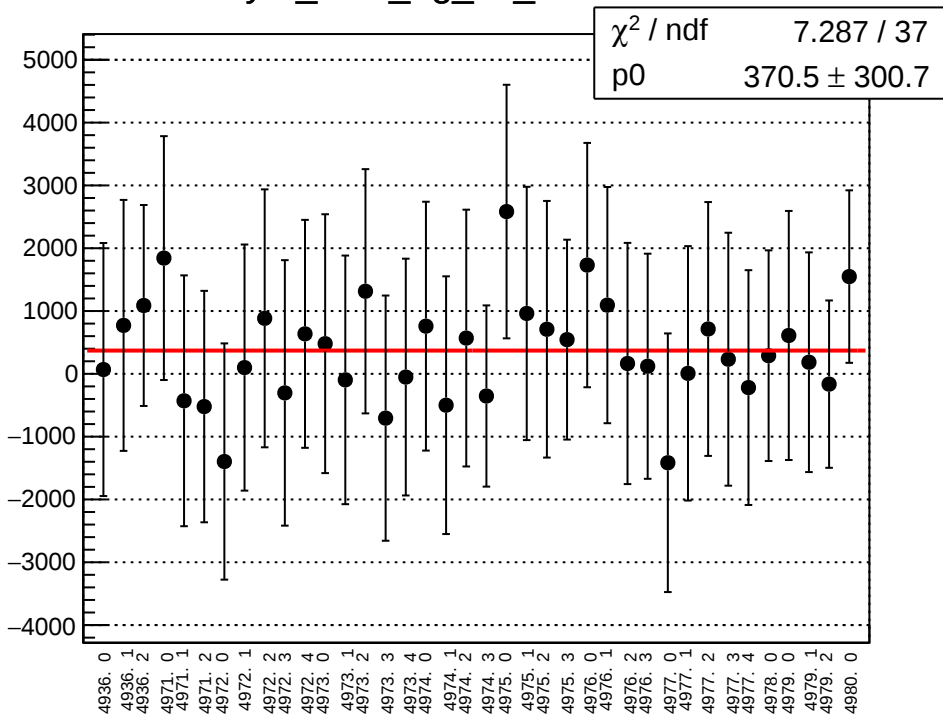
# asym\_bcm\_an\_us\_mean vs run



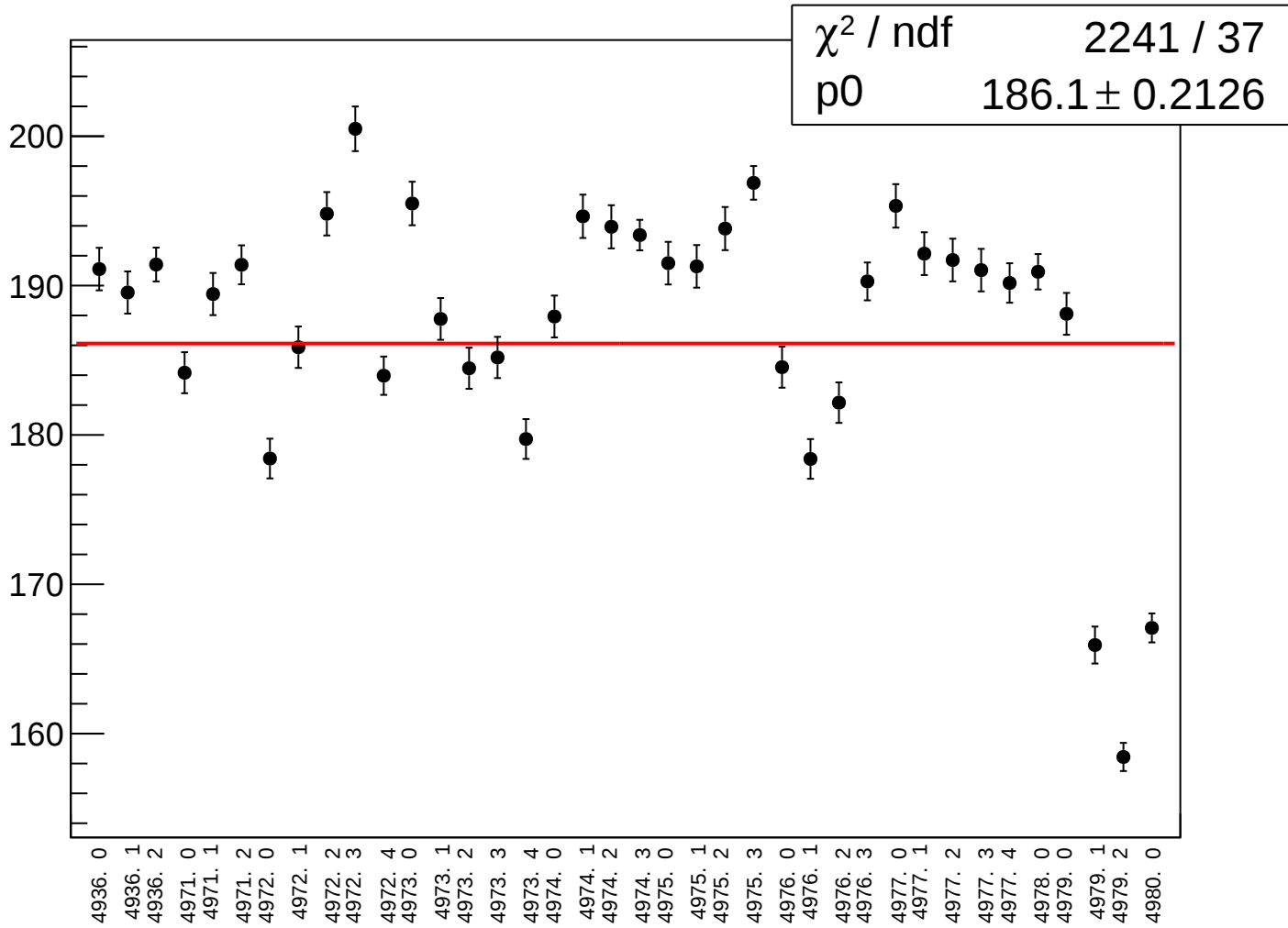
# asym\_bcm\_an\_us\_rms vs run



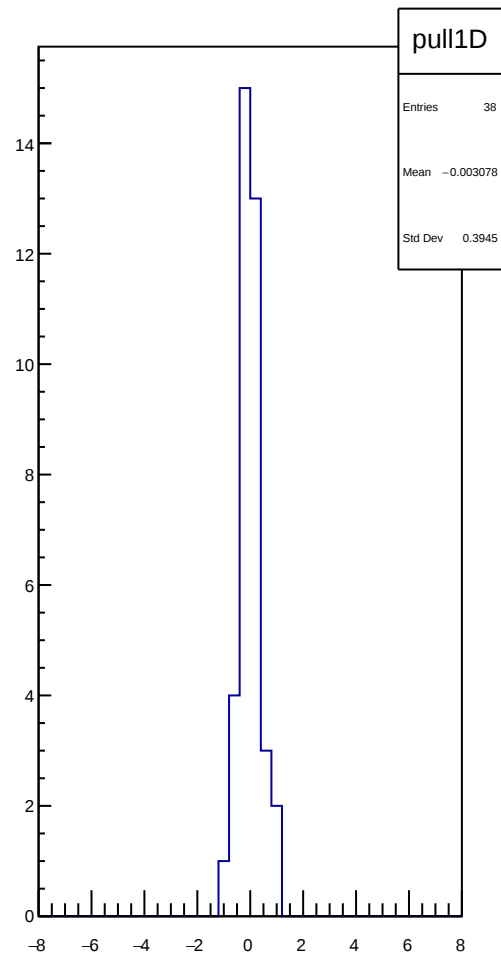
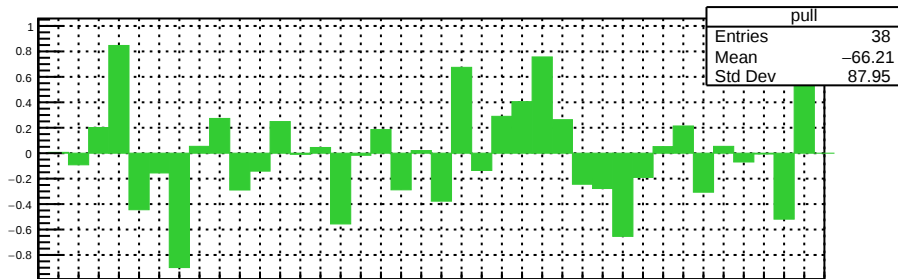
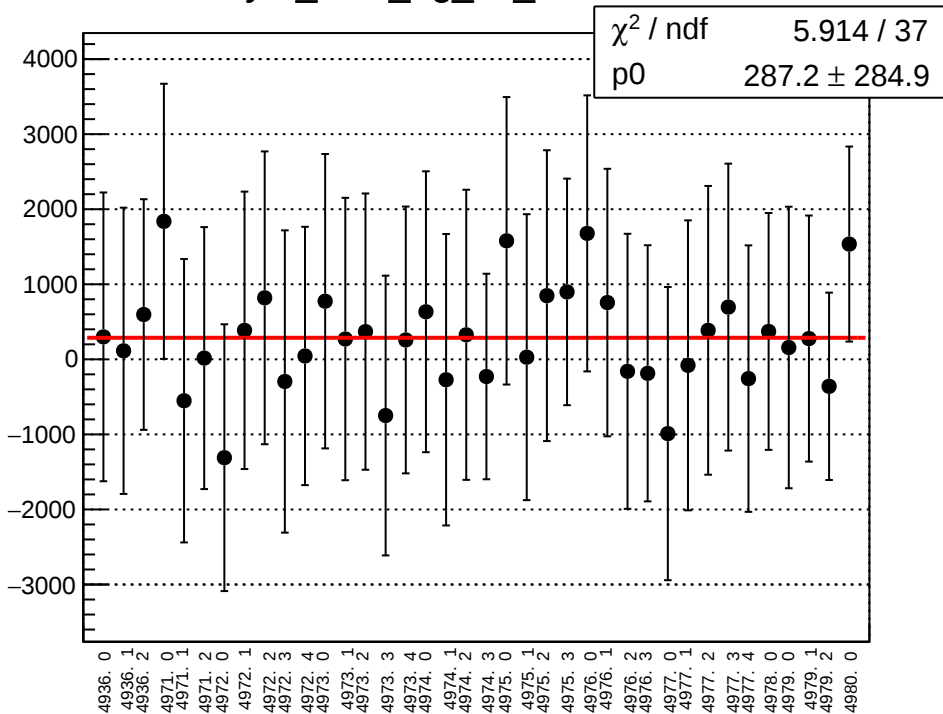
# asym\_bcm\_dg\_us\_mean vs run



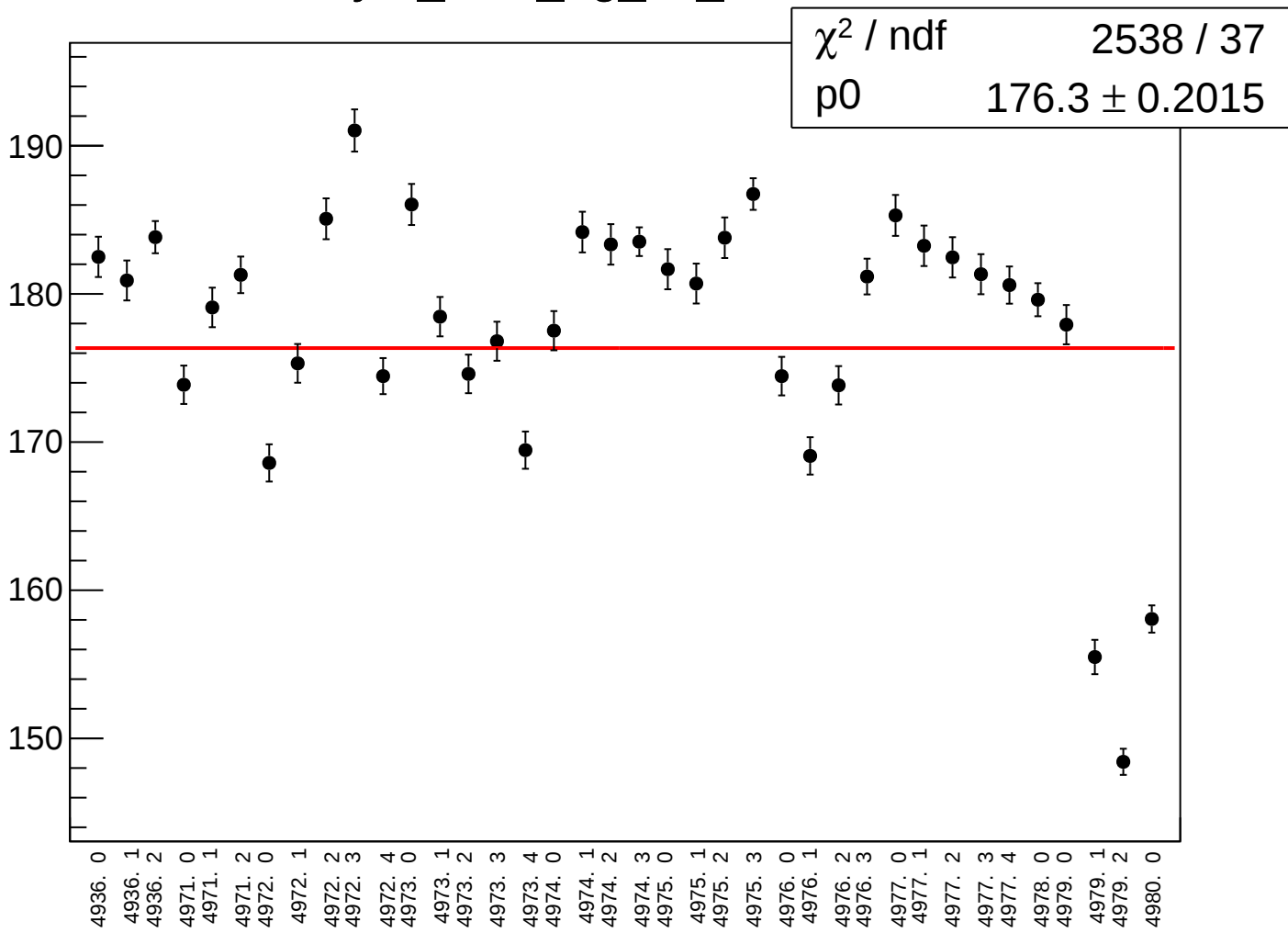
# asym\_bcm\_dg\_us\_rms vs run



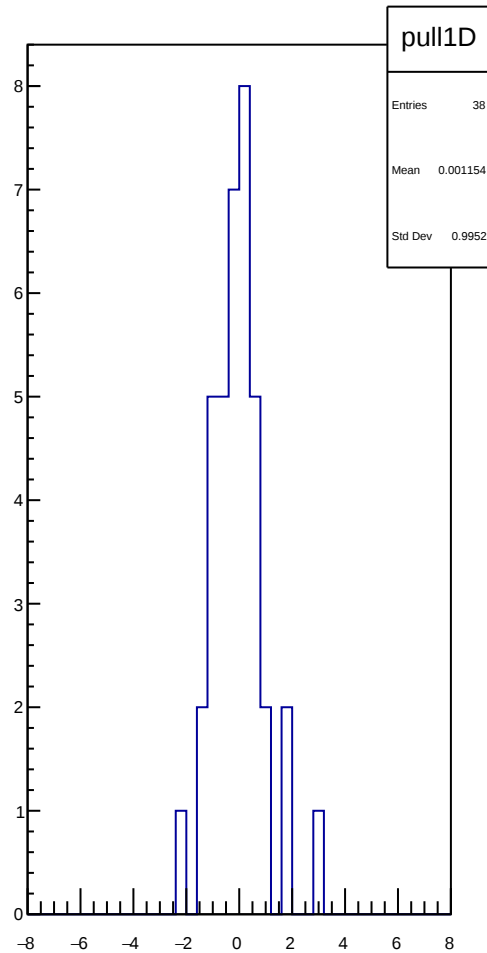
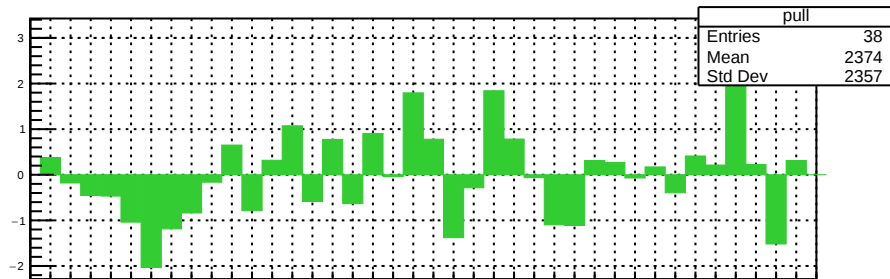
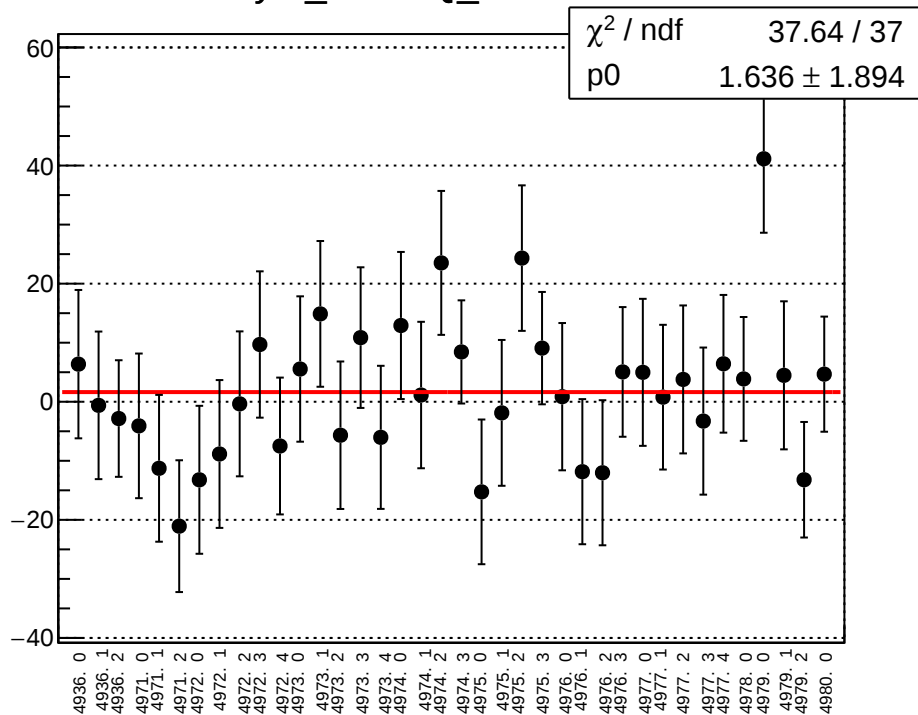
# asym\_bcm\_dg\_ds\_mean vs run



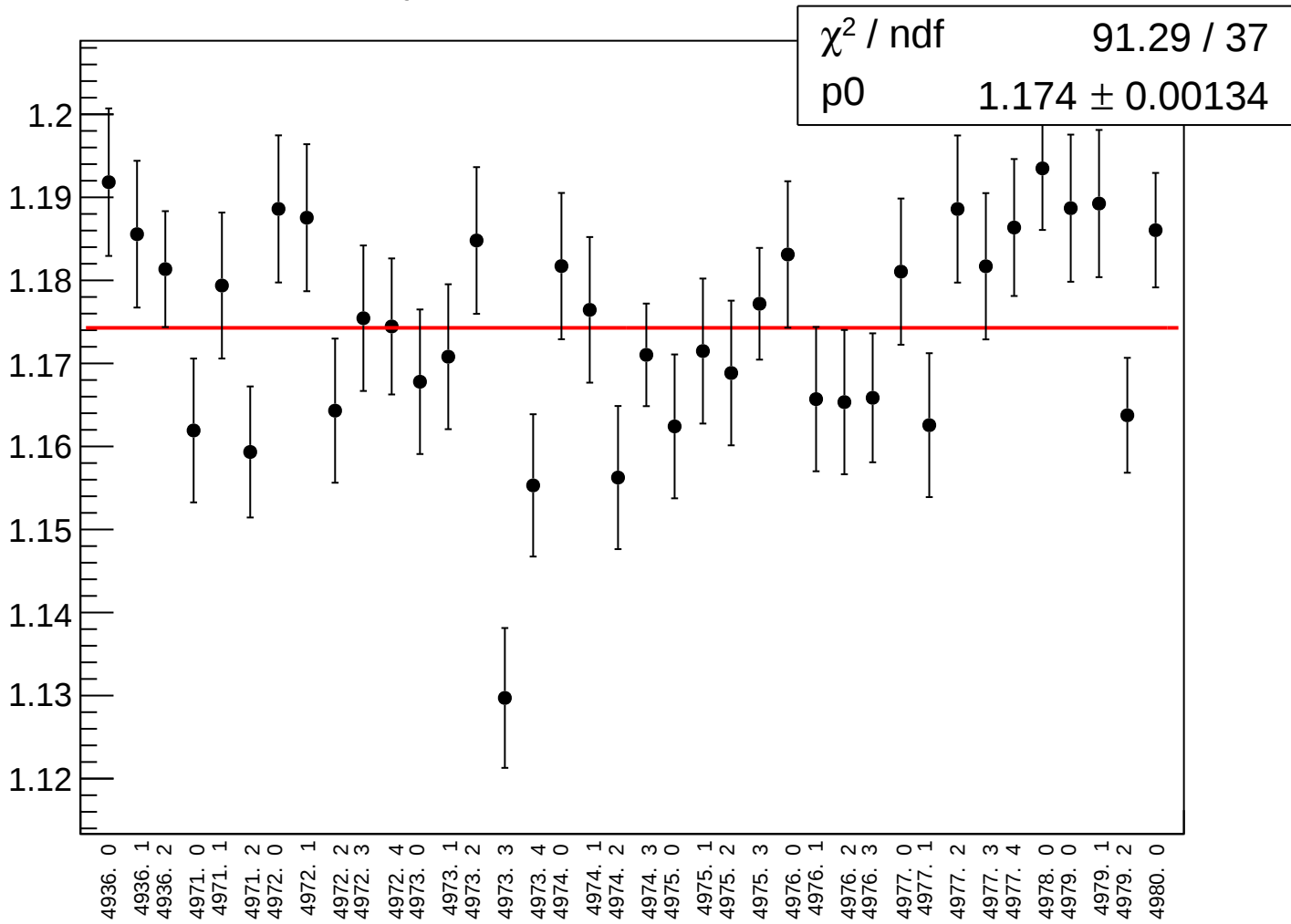
# asym\_bcm\_dg\_ds\_rms vs run



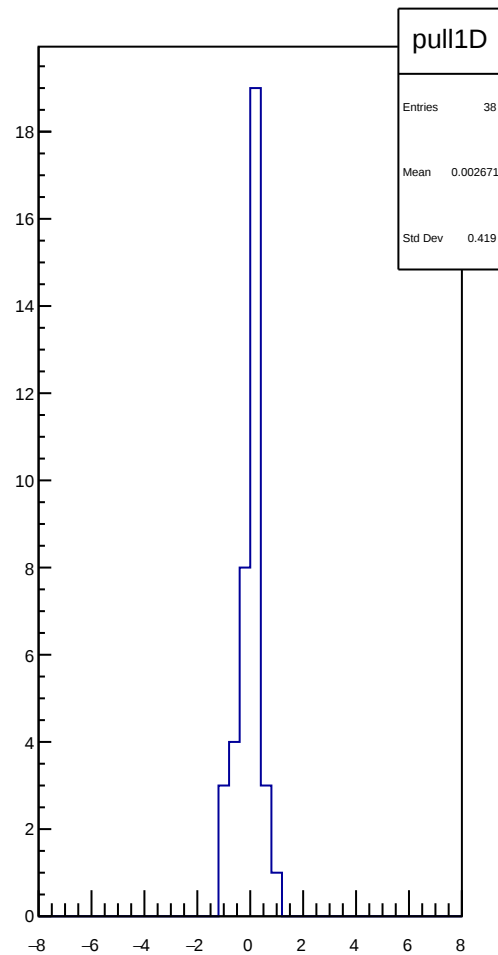
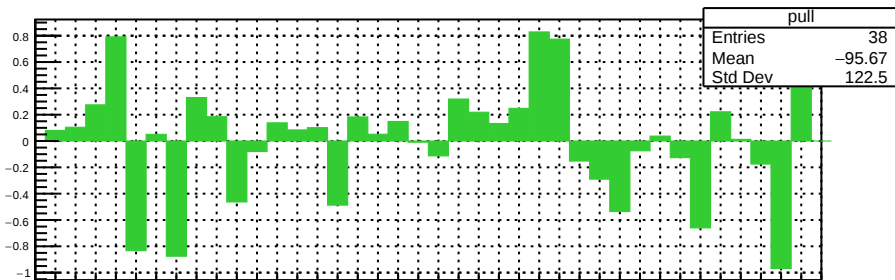
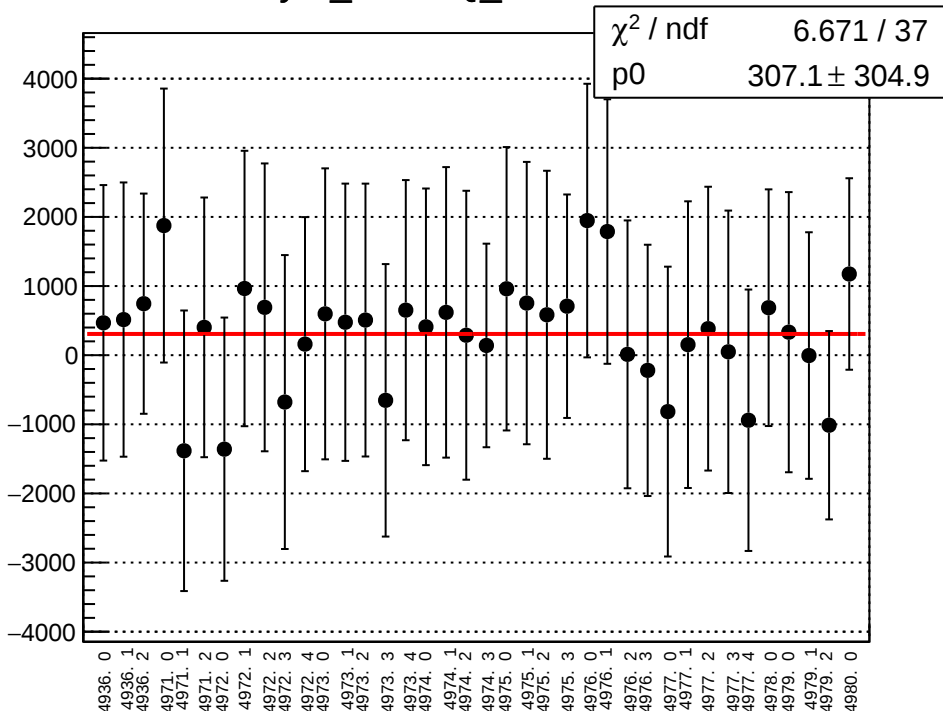
# asym\_cav4bQ\_mean vs run



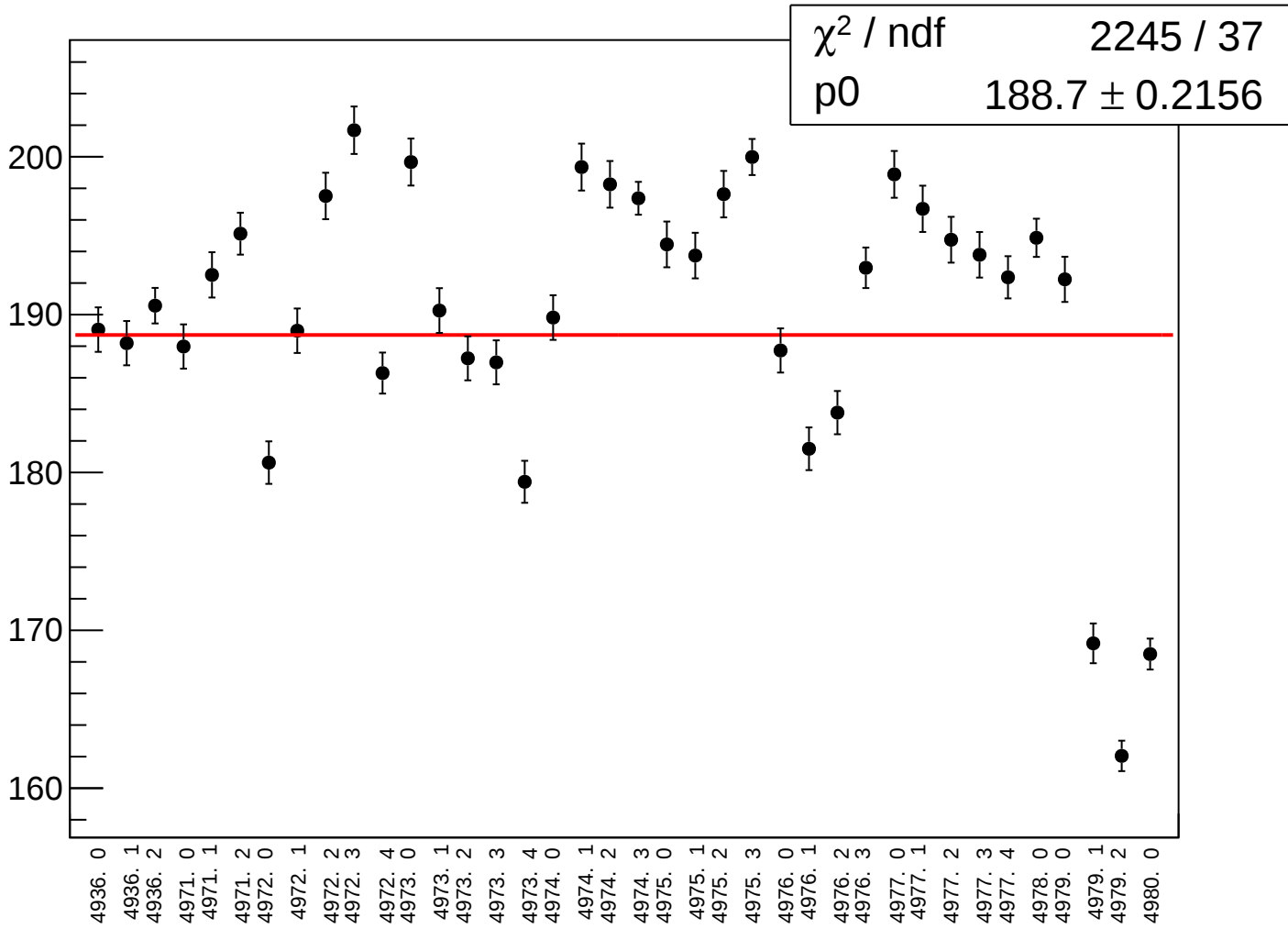
# asym\_cav4bQ\_rms vs run



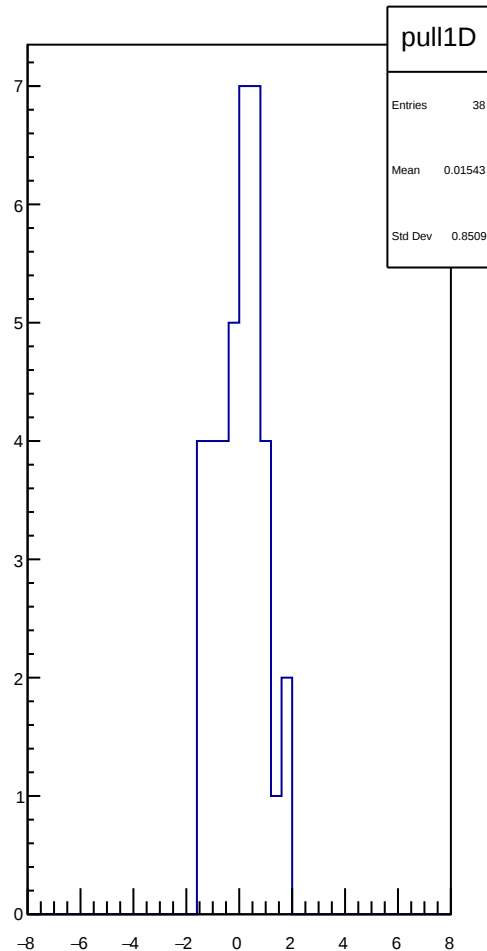
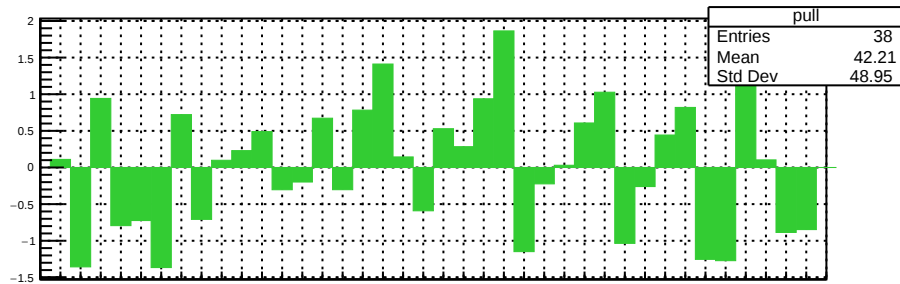
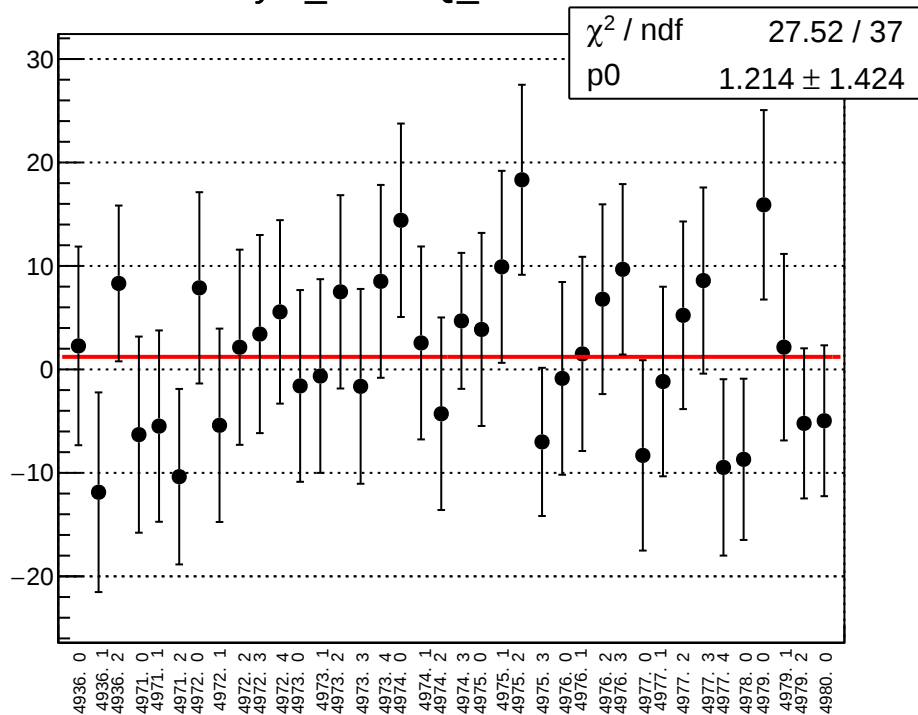
# asym\_cav4cQ\_mean vs run



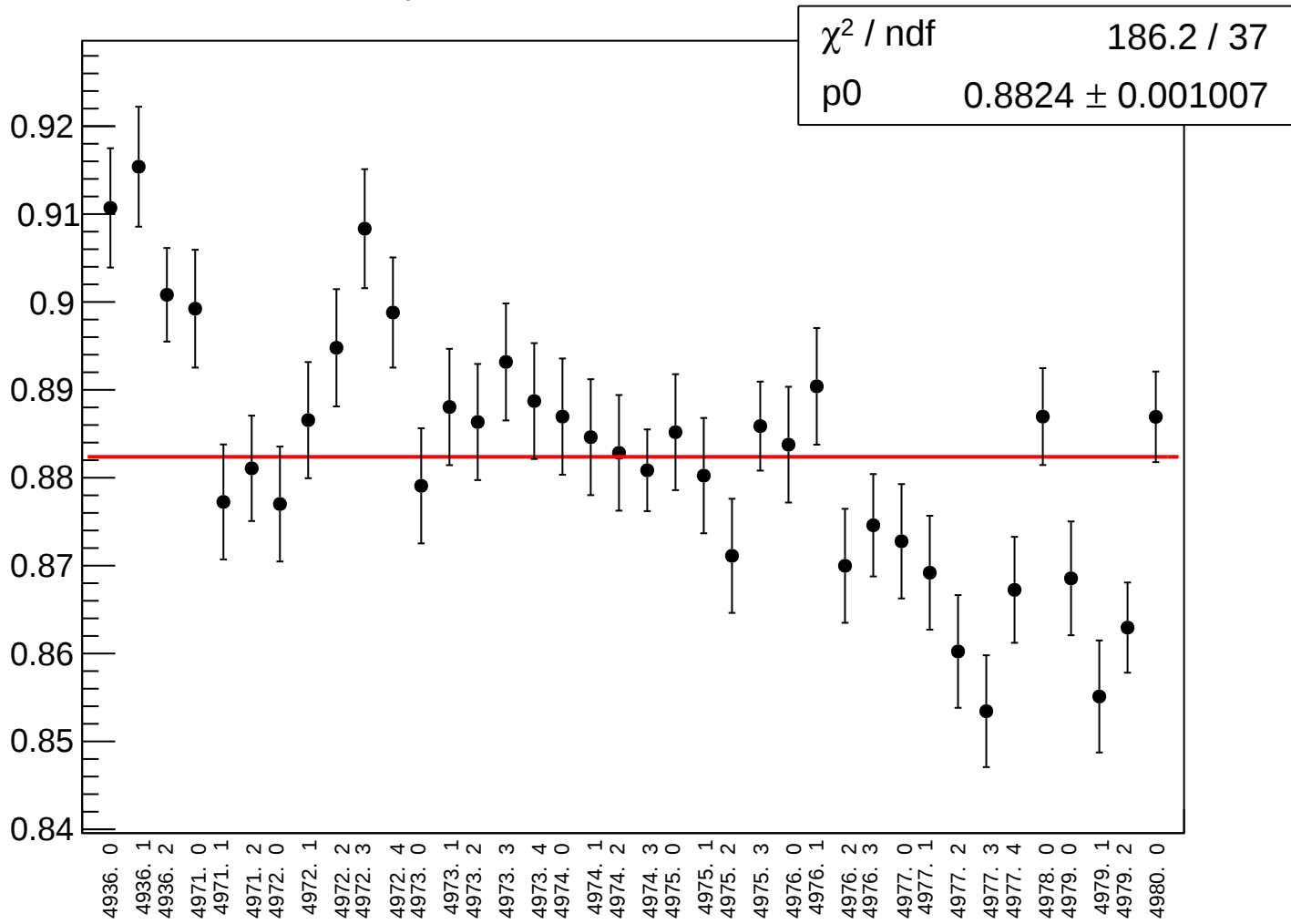
# asym\_cav4cQ\_rms vs run



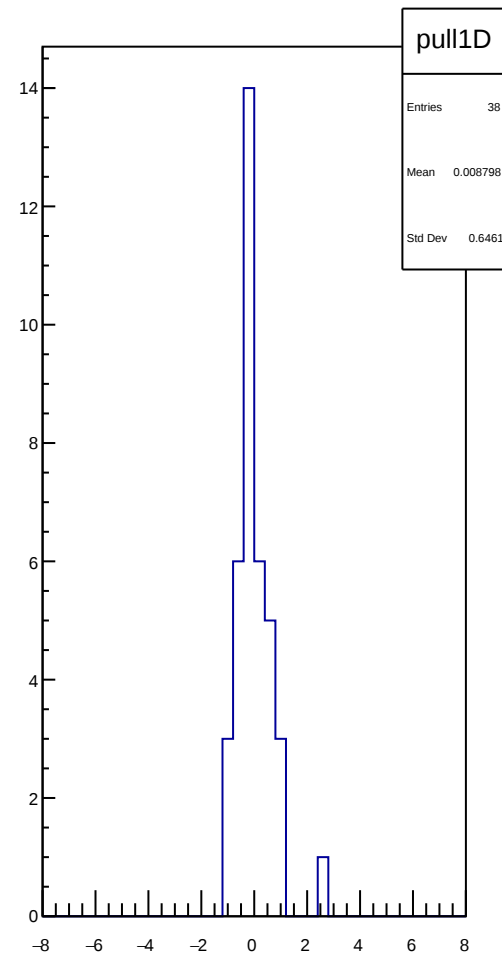
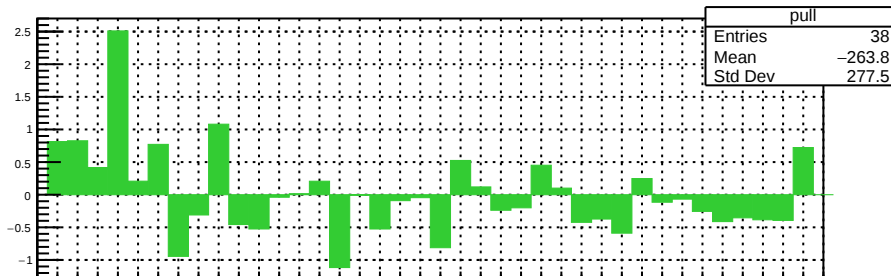
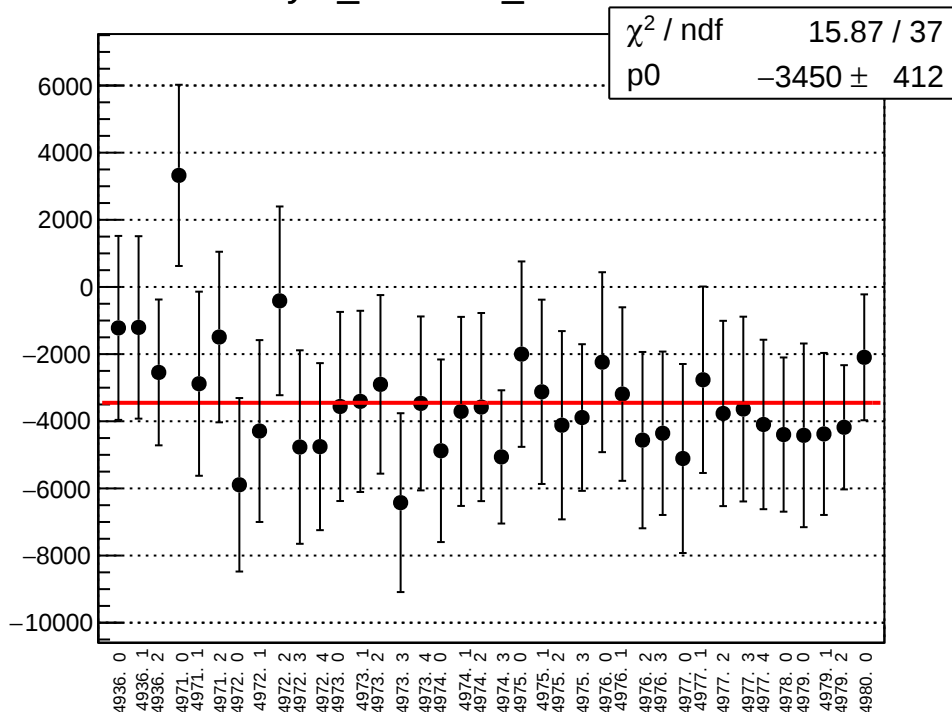
# asym\_cav4dQ\_mean vs run



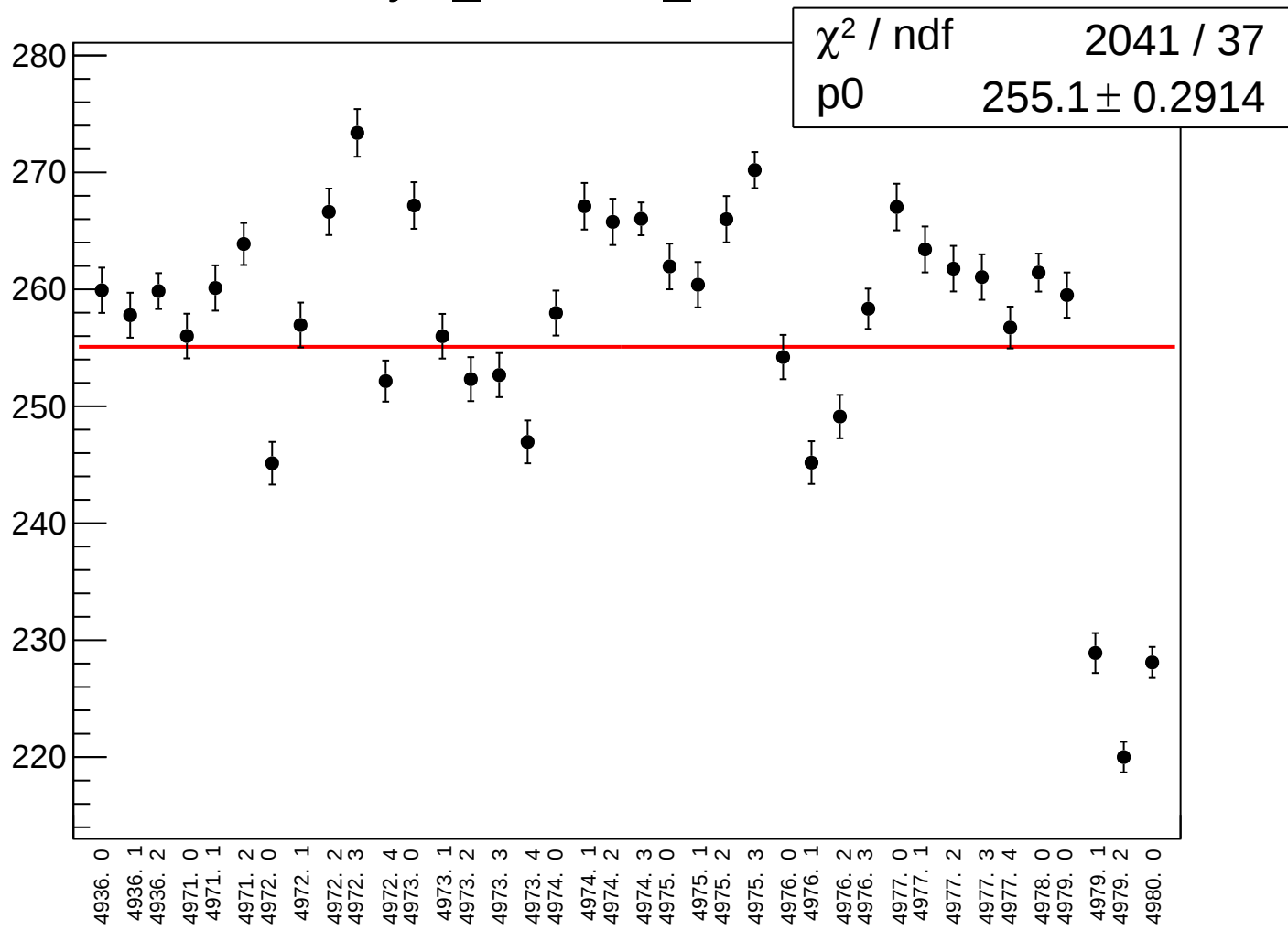
# asym\_cav4dQ\_rms vs run



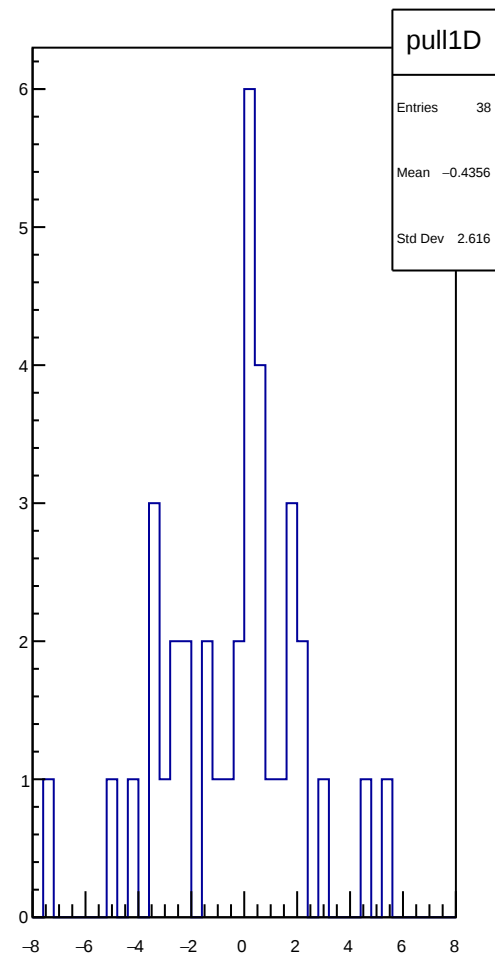
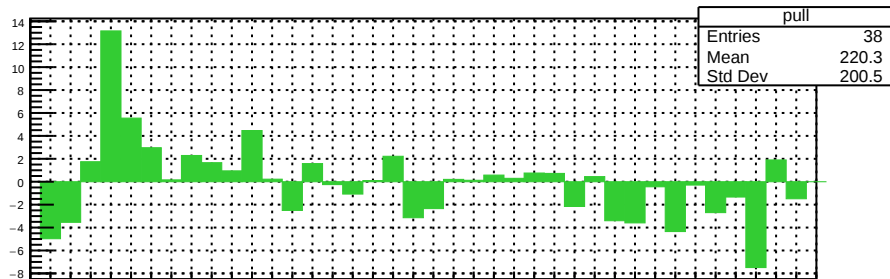
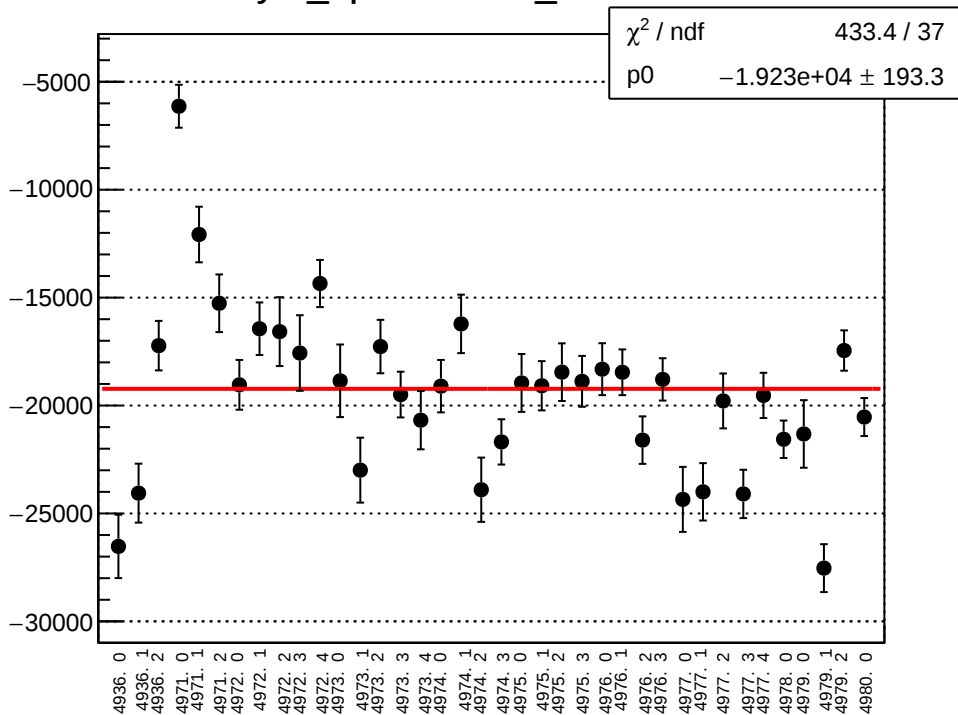
# asym\_bcm0l02\_mean vs run



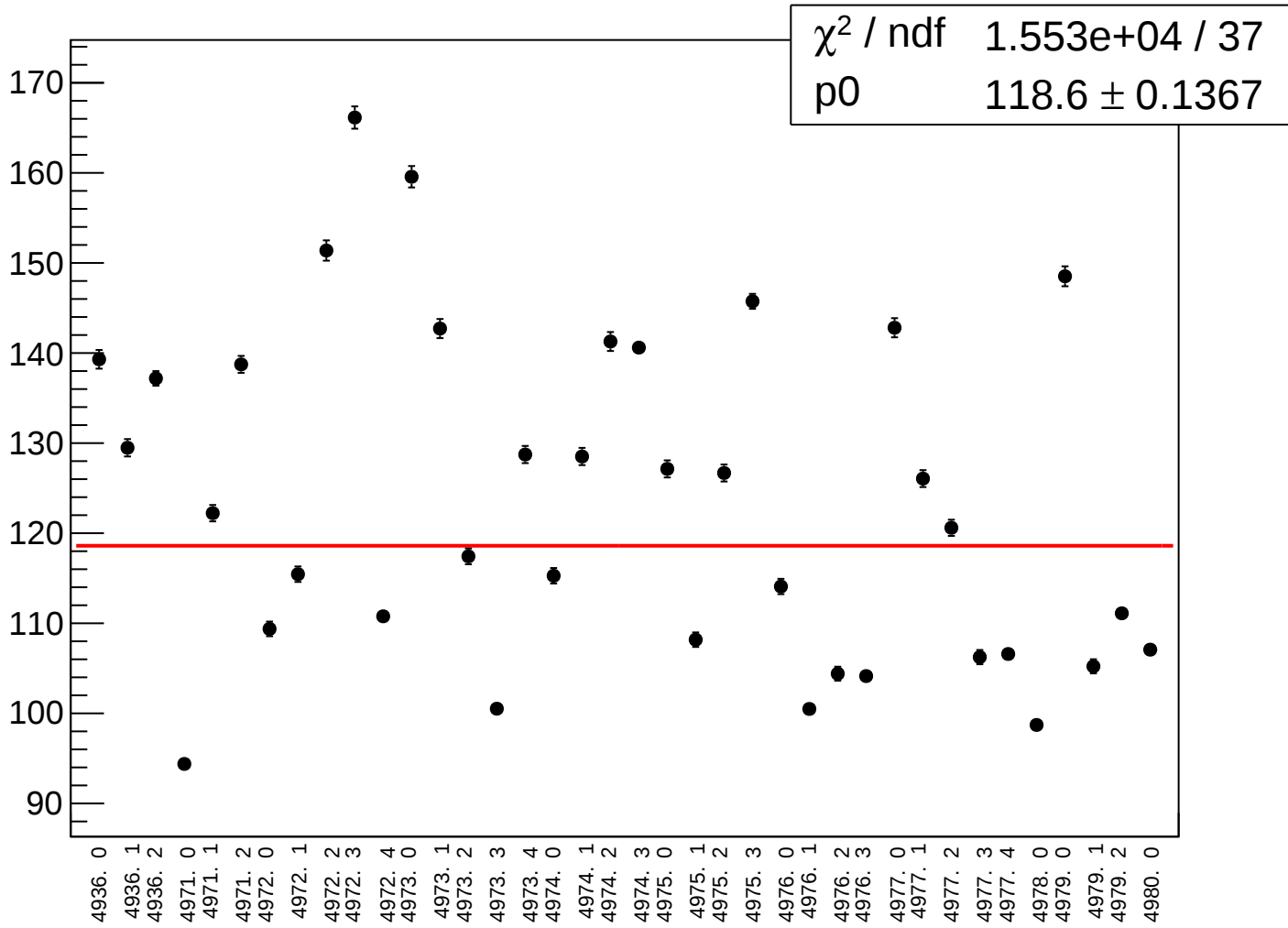
# asym\_bcm0l02\_rms vs run



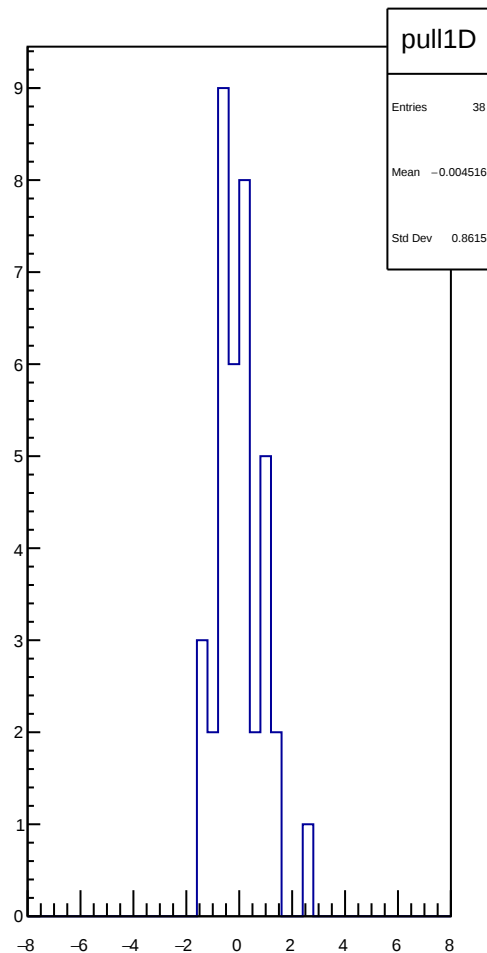
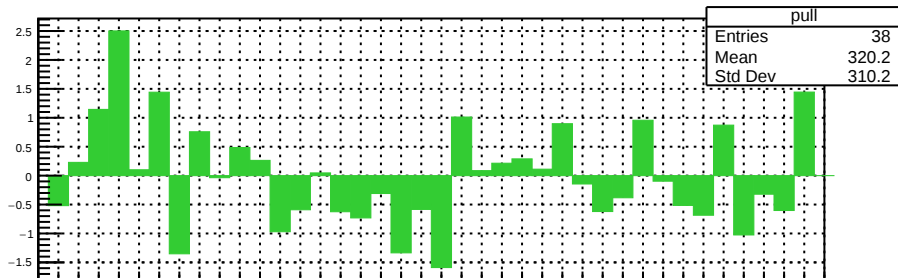
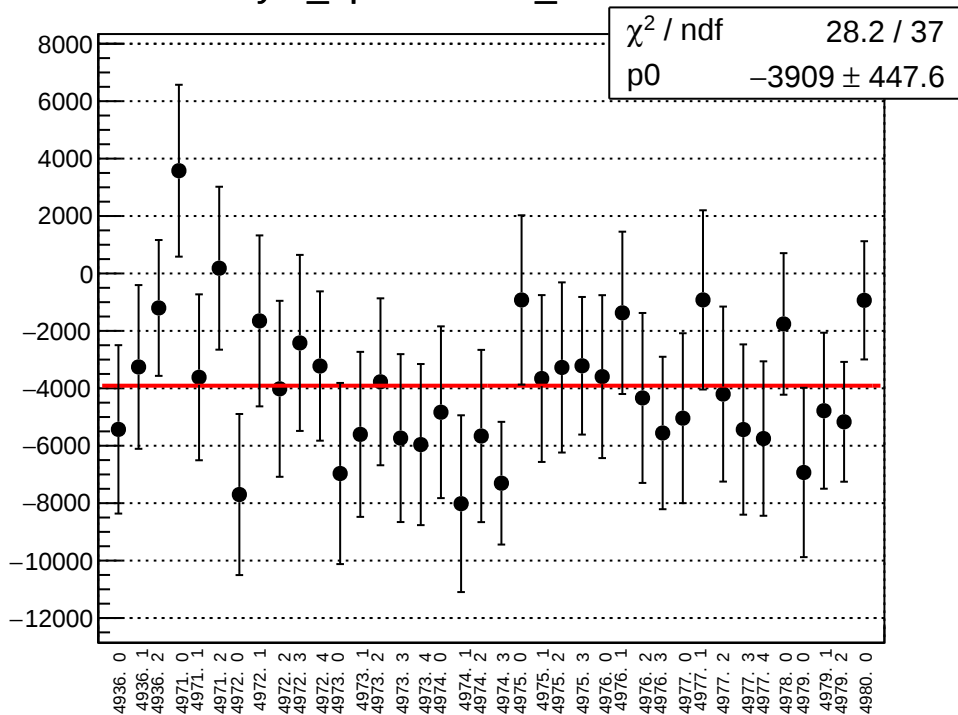
# asym\_bpm2i01WS\_mean vs run



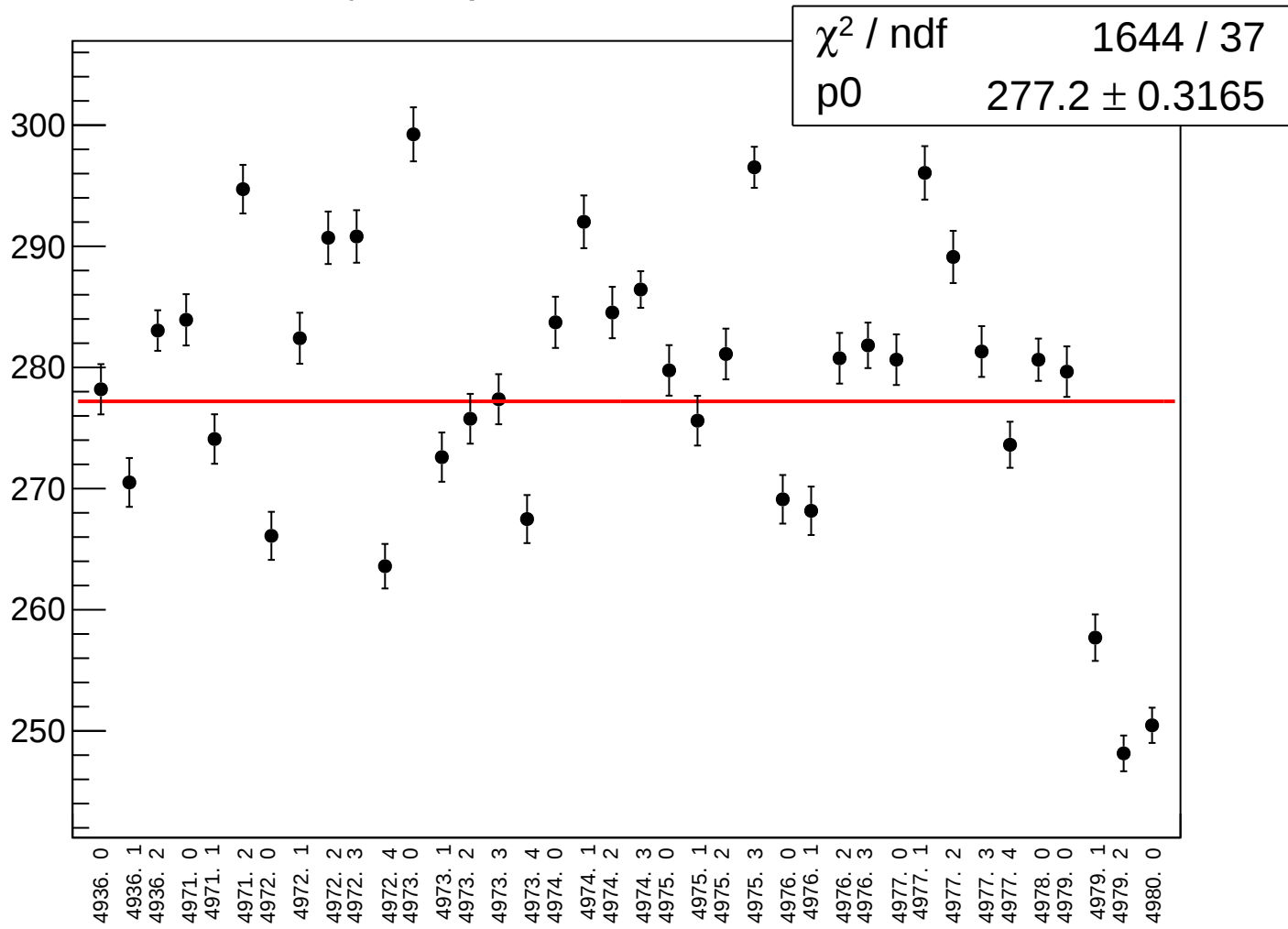
# asym\_bpm2i01WS\_rms vs run



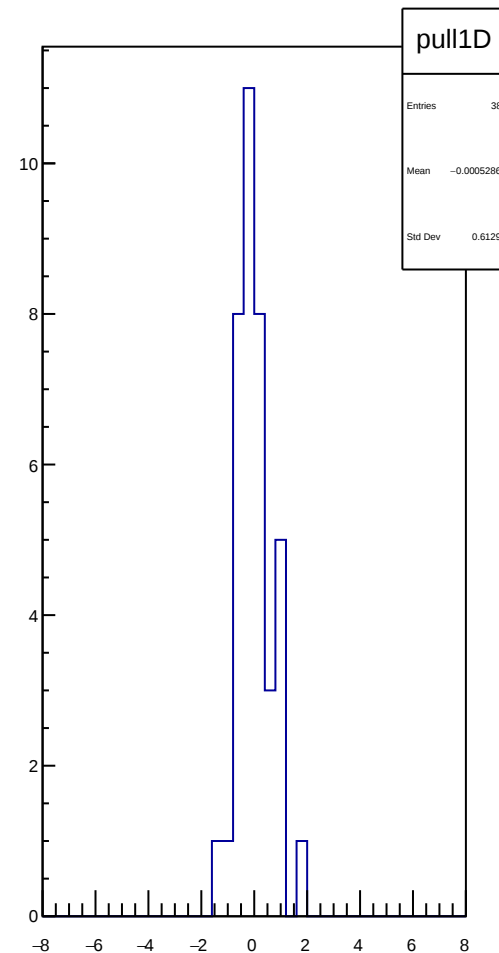
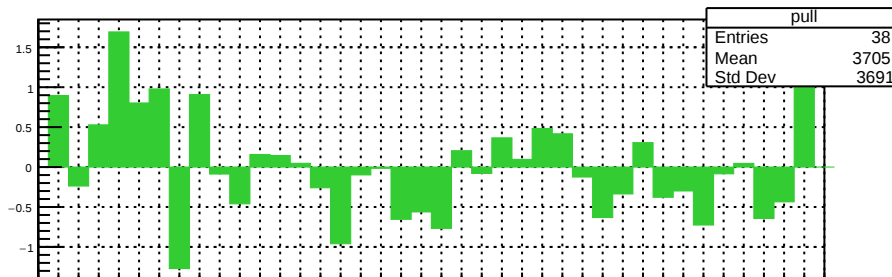
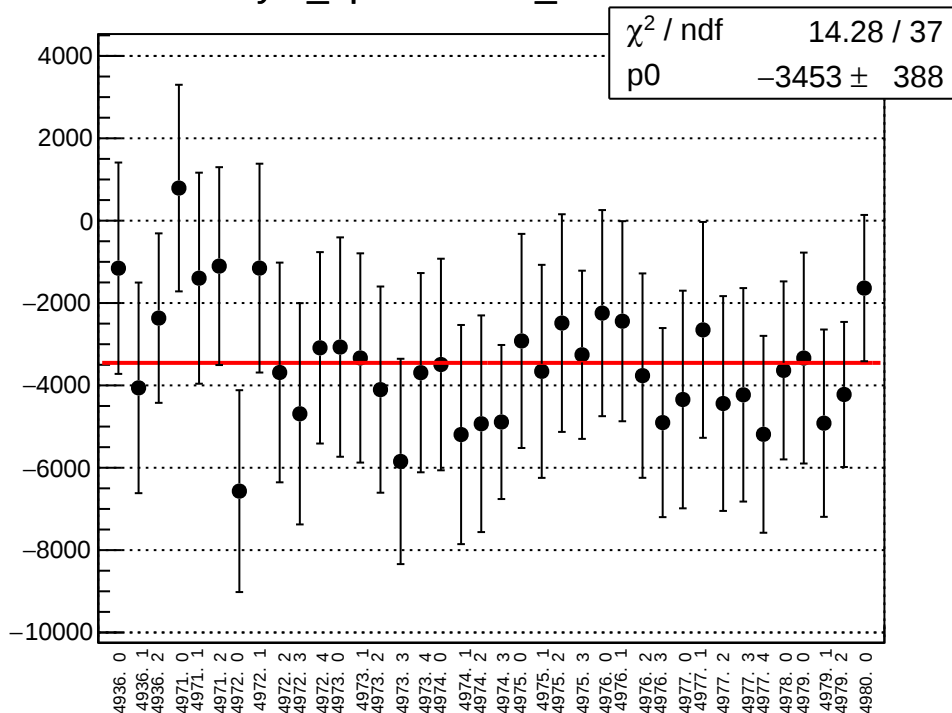
asym\_bpm0i07WS\_mean vs run



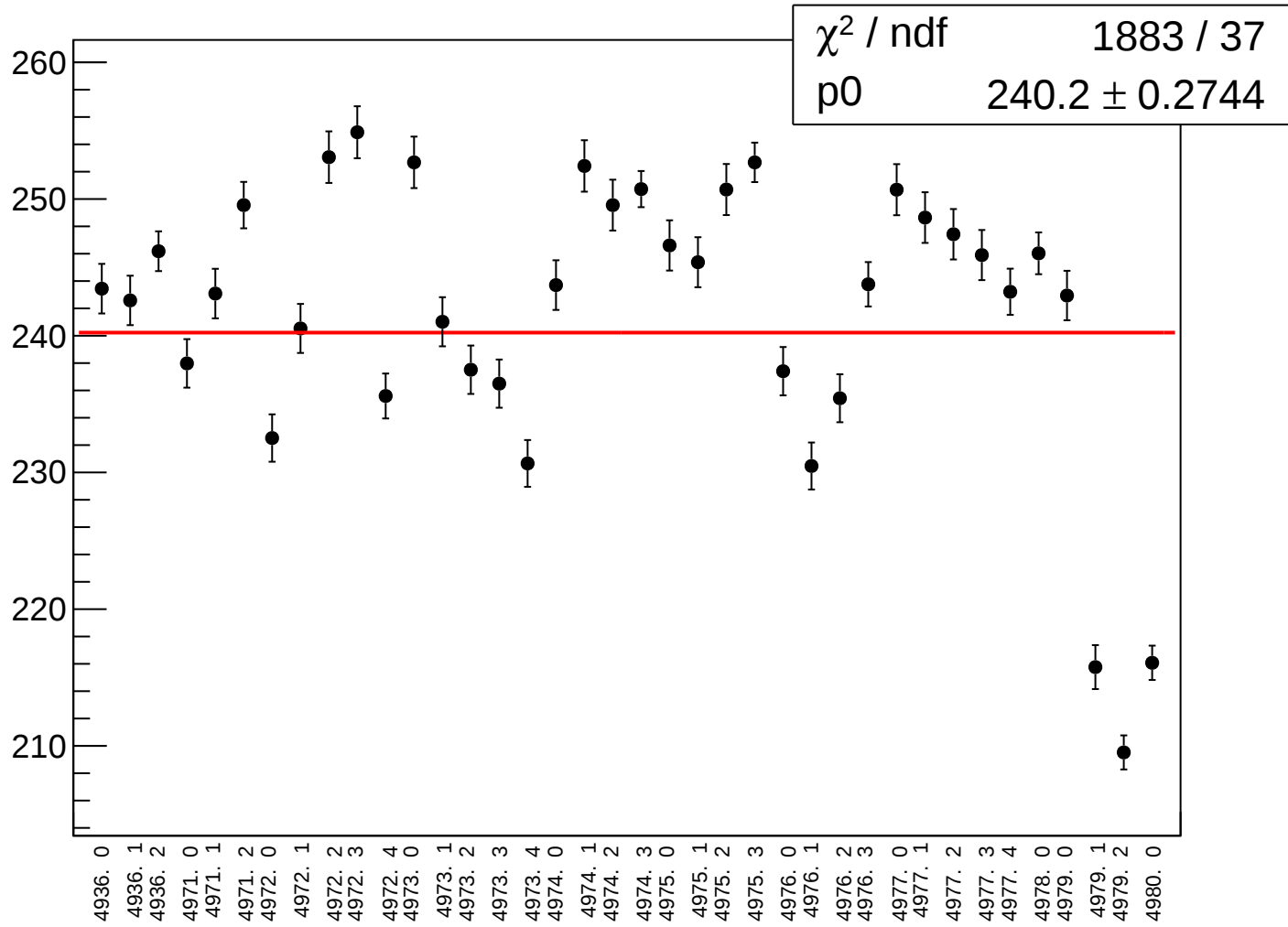
# asym\_bpm0i07WS\_rms vs run



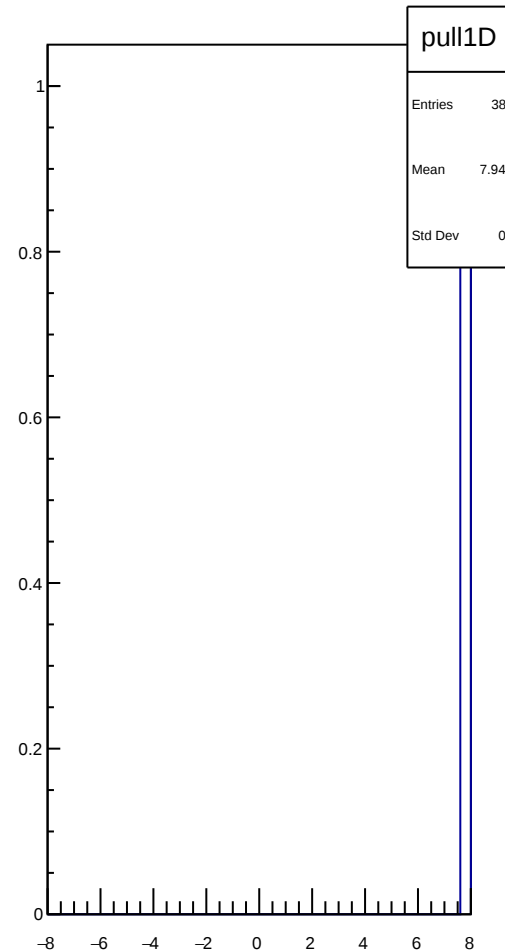
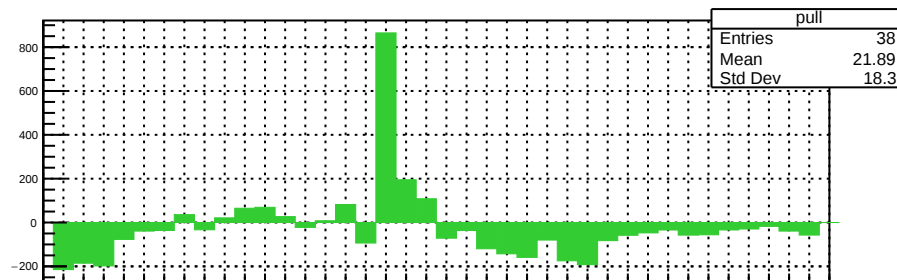
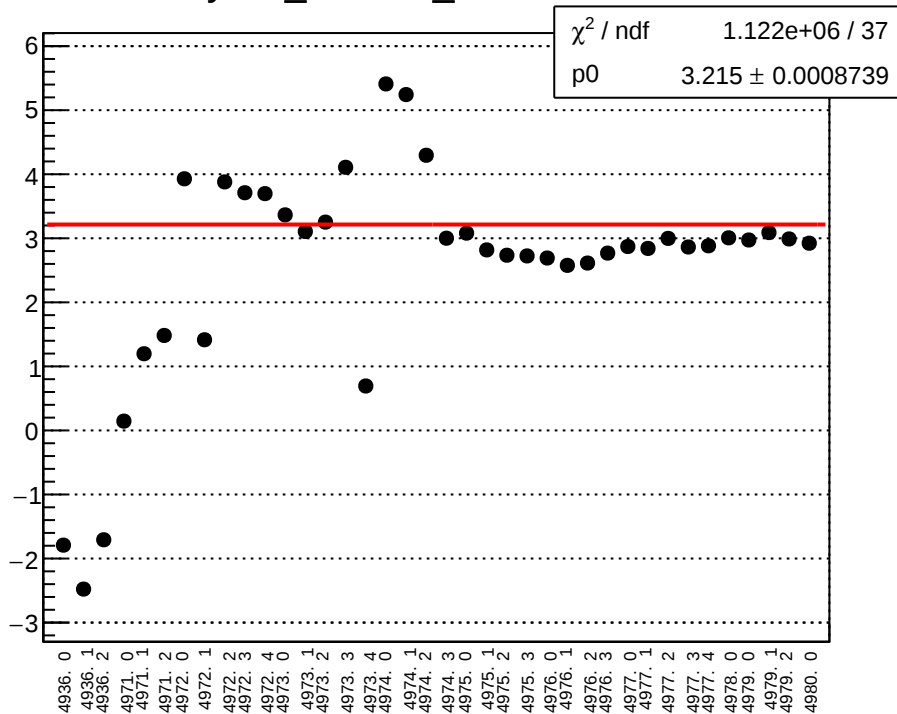
# asym\_bpm0l01WS\_mean vs run



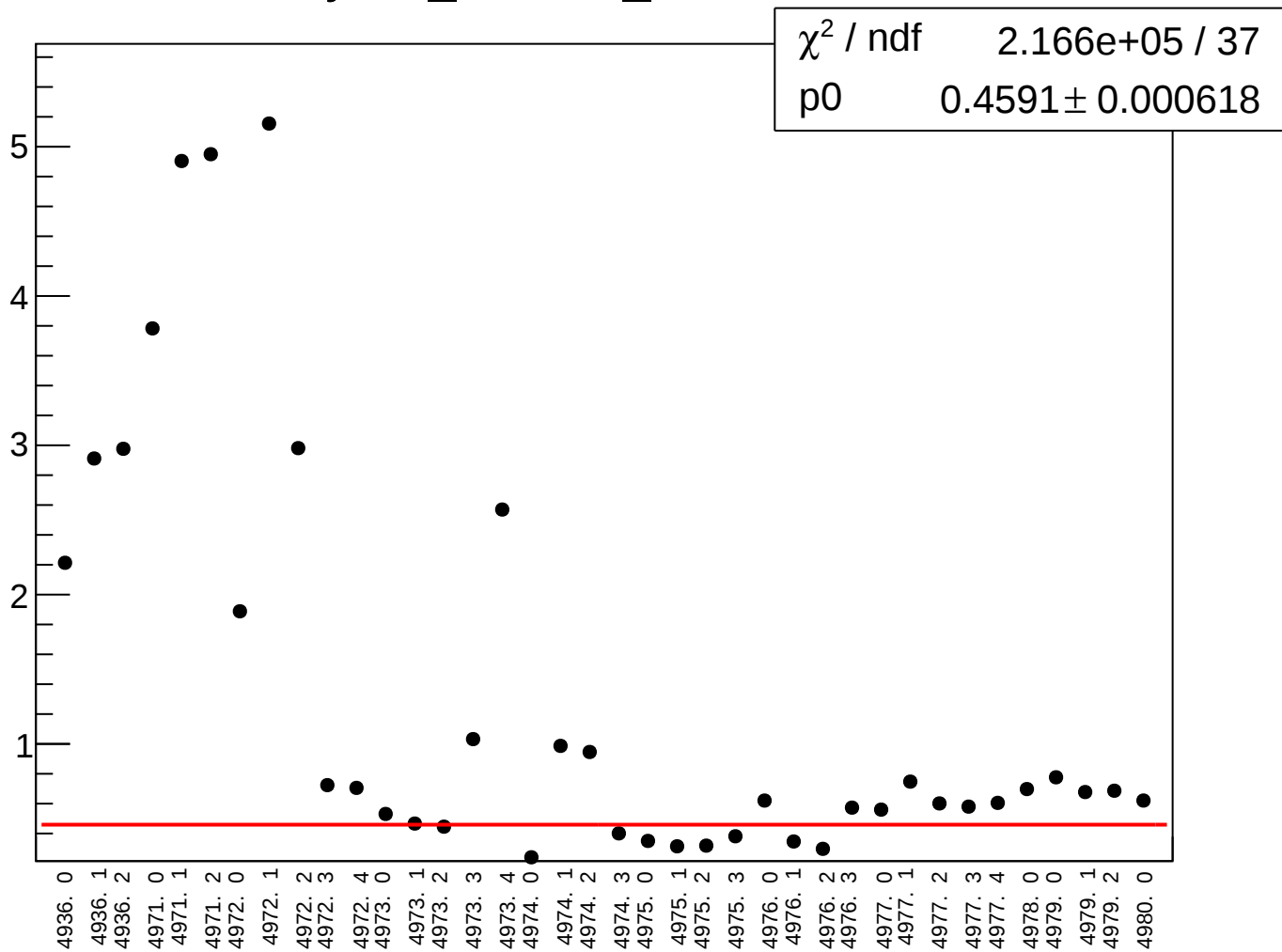
# asym\_bpm0l01WS\_rms vs run



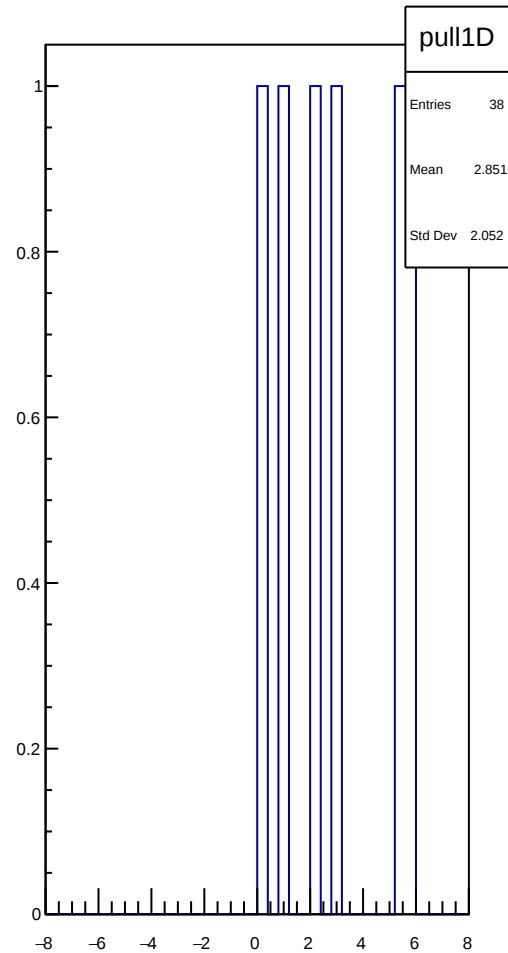
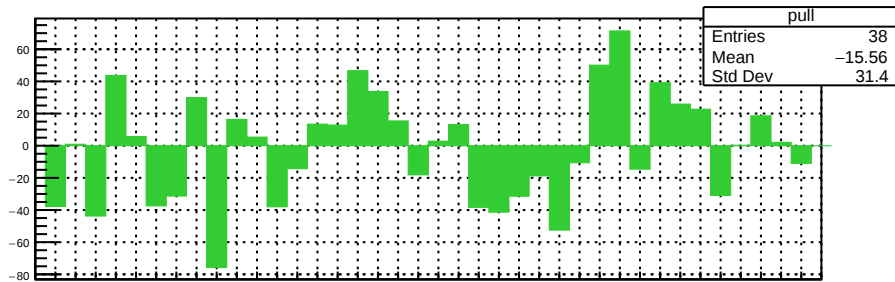
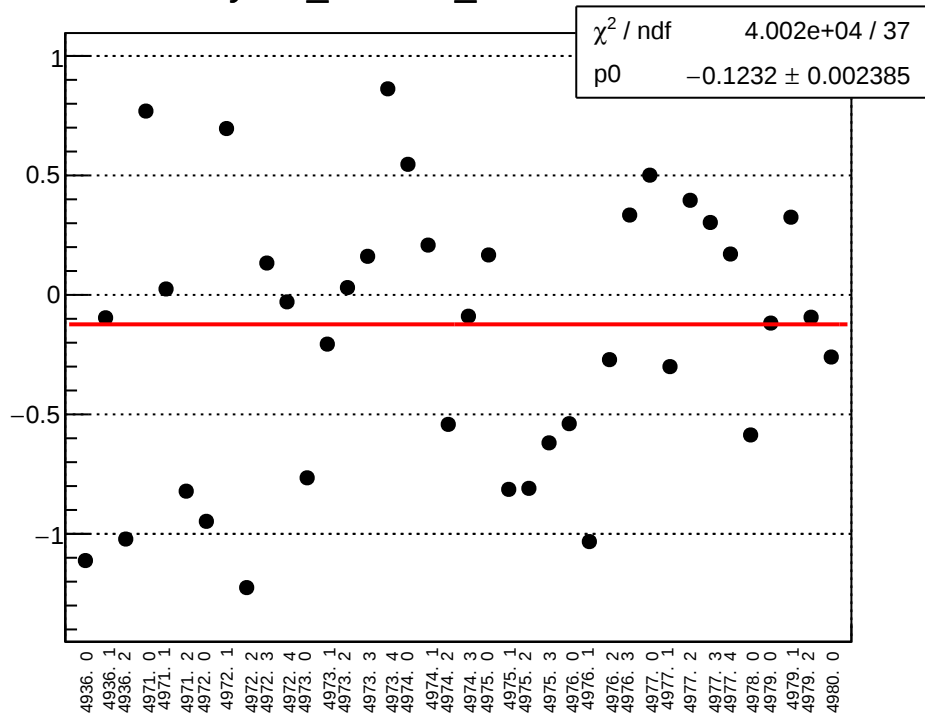
# yield\_cav4bX\_mean vs run



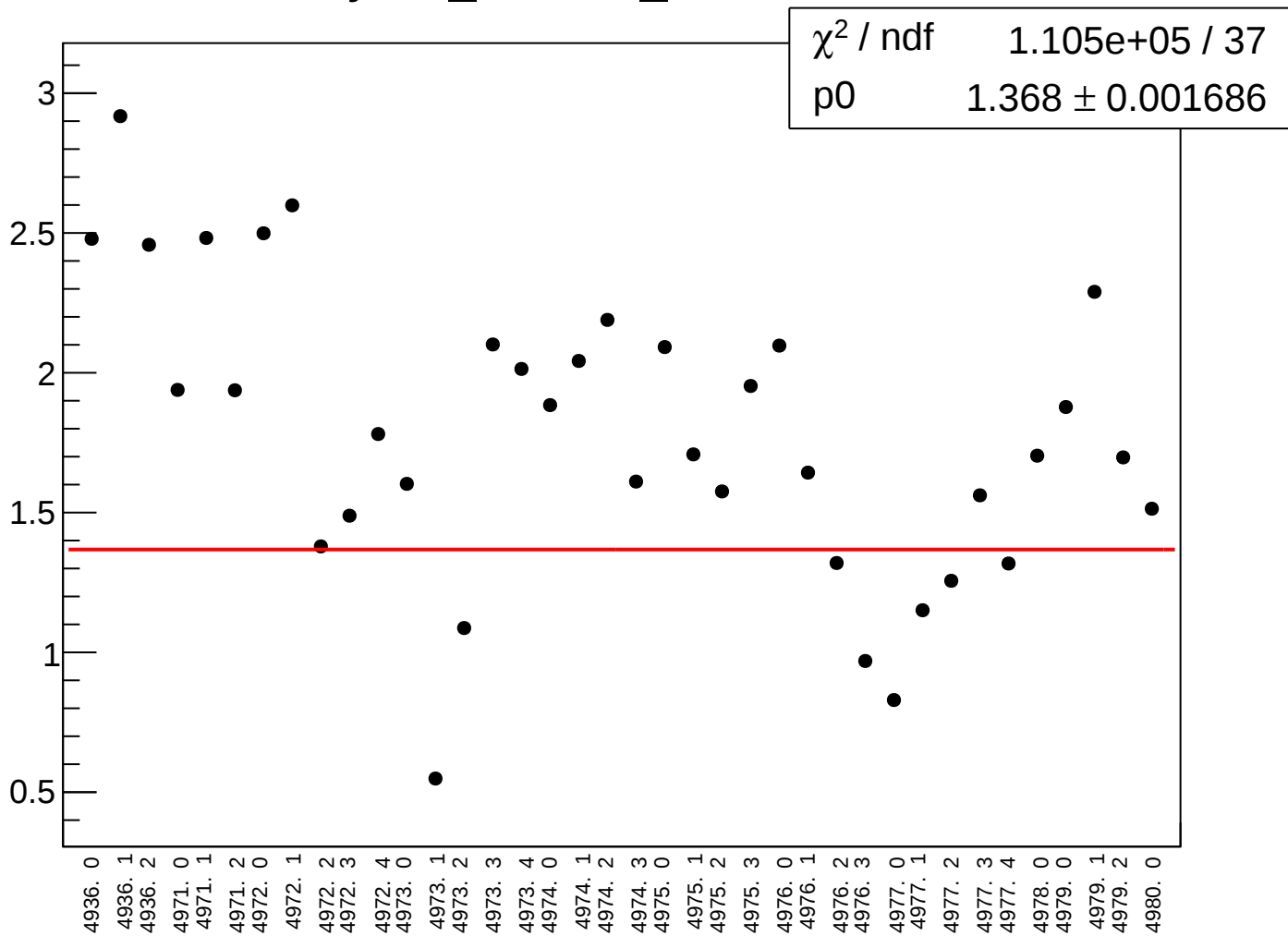
# yield\_cav4bX\_rms vs run



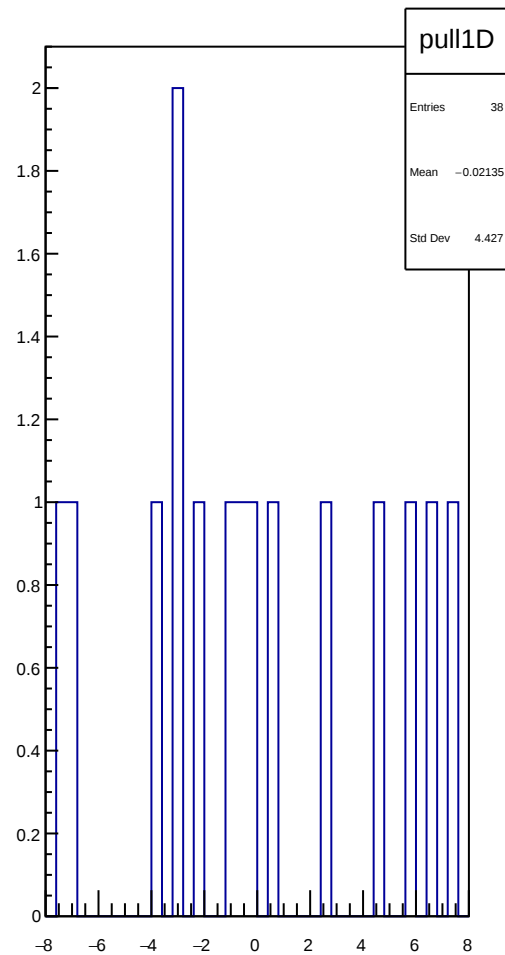
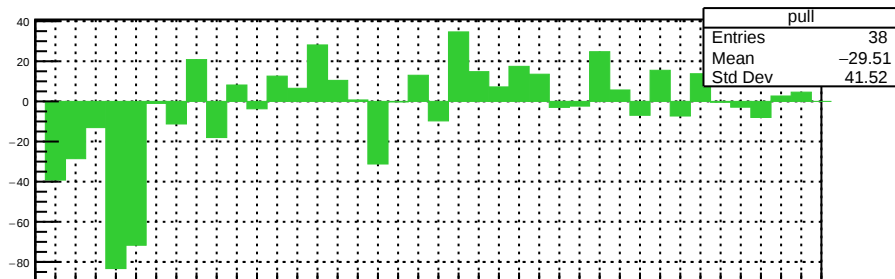
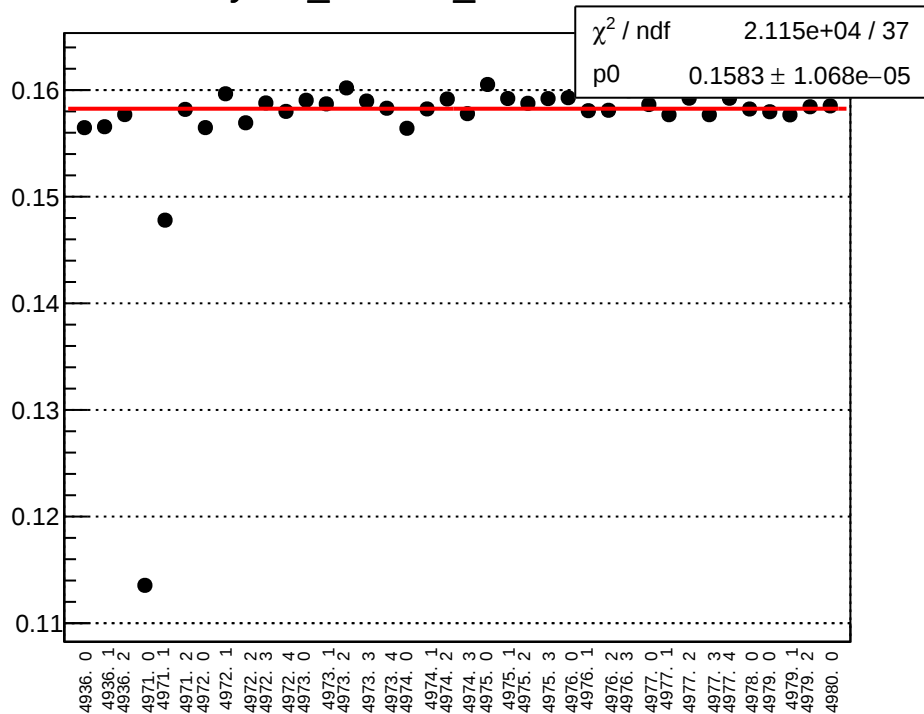
# yield\_cav4bY\_mean vs run



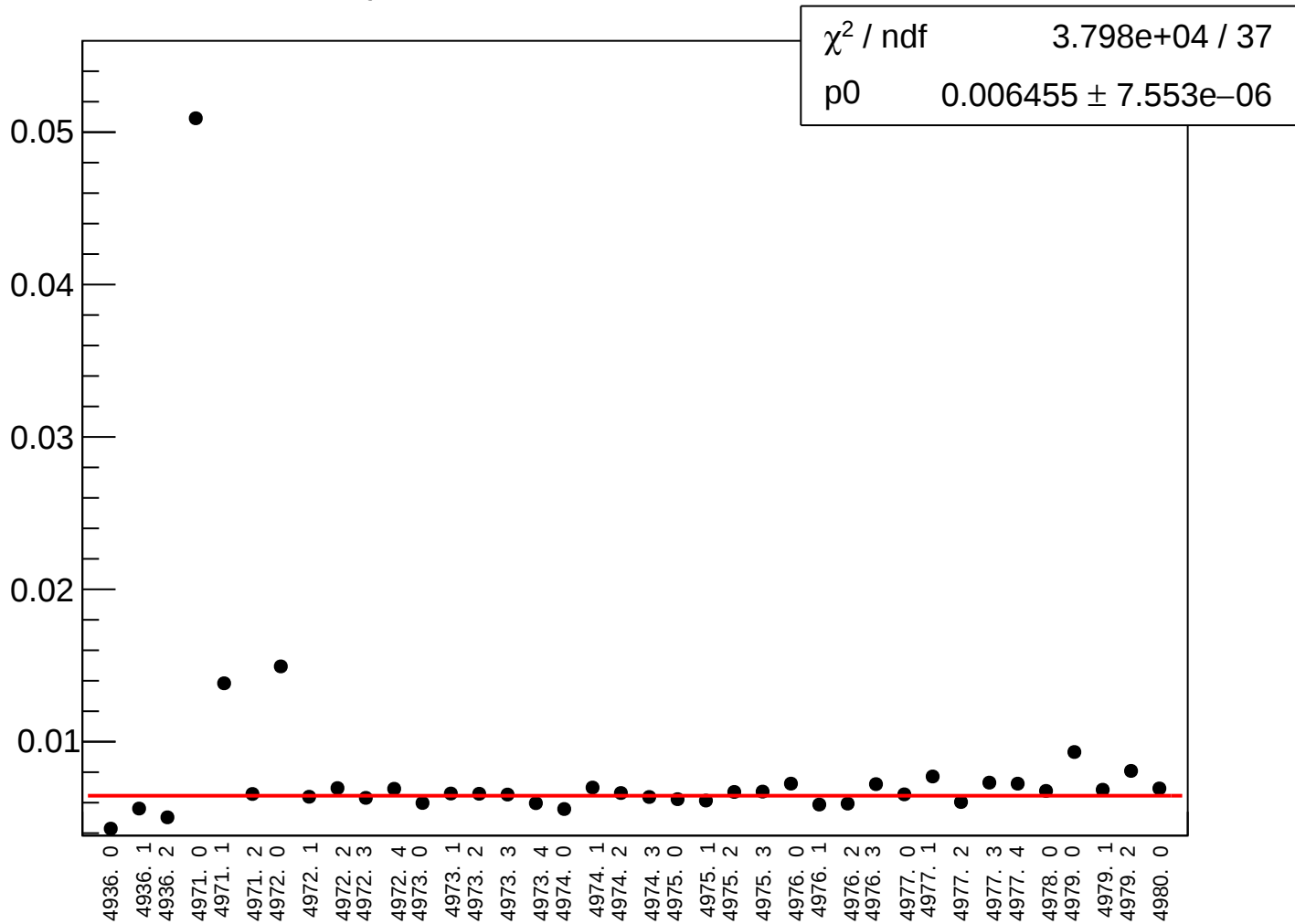
# yield\_cav4bY\_rms vs run



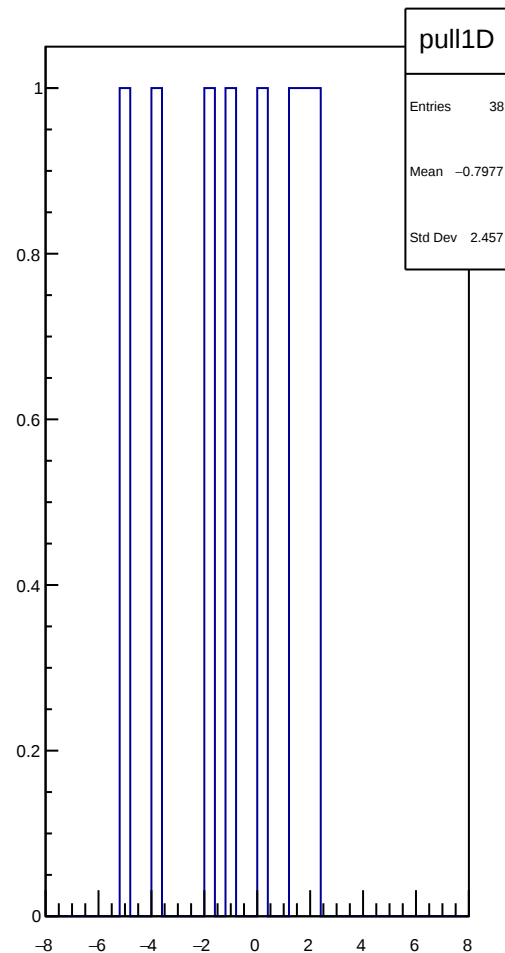
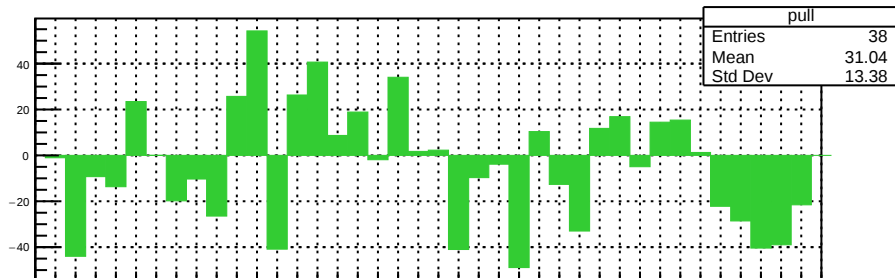
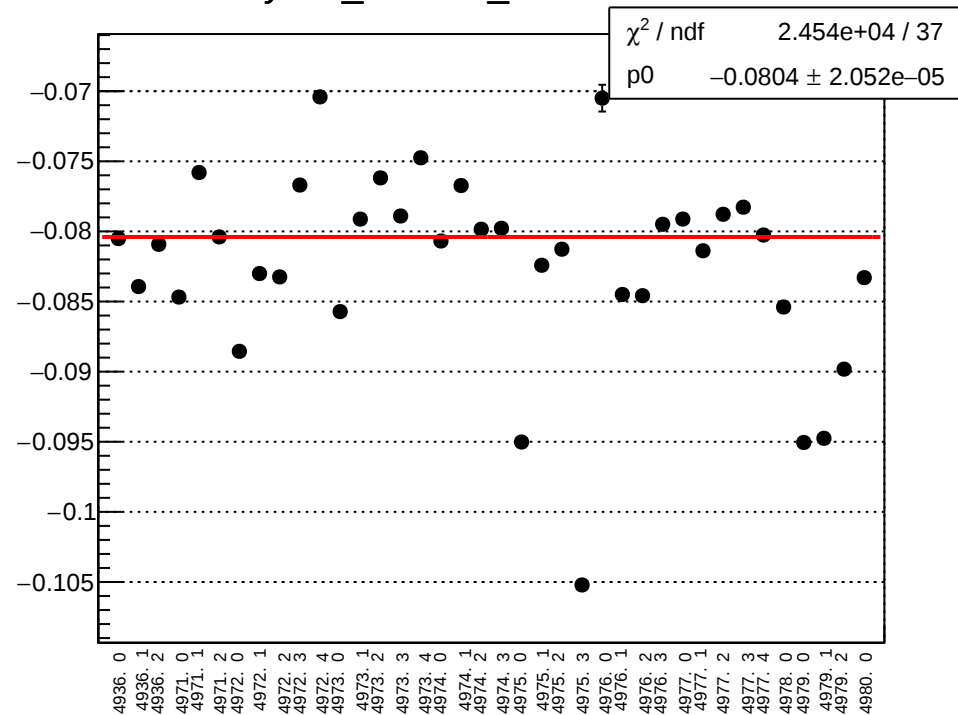
# yield\_cav4cX\_mean vs run



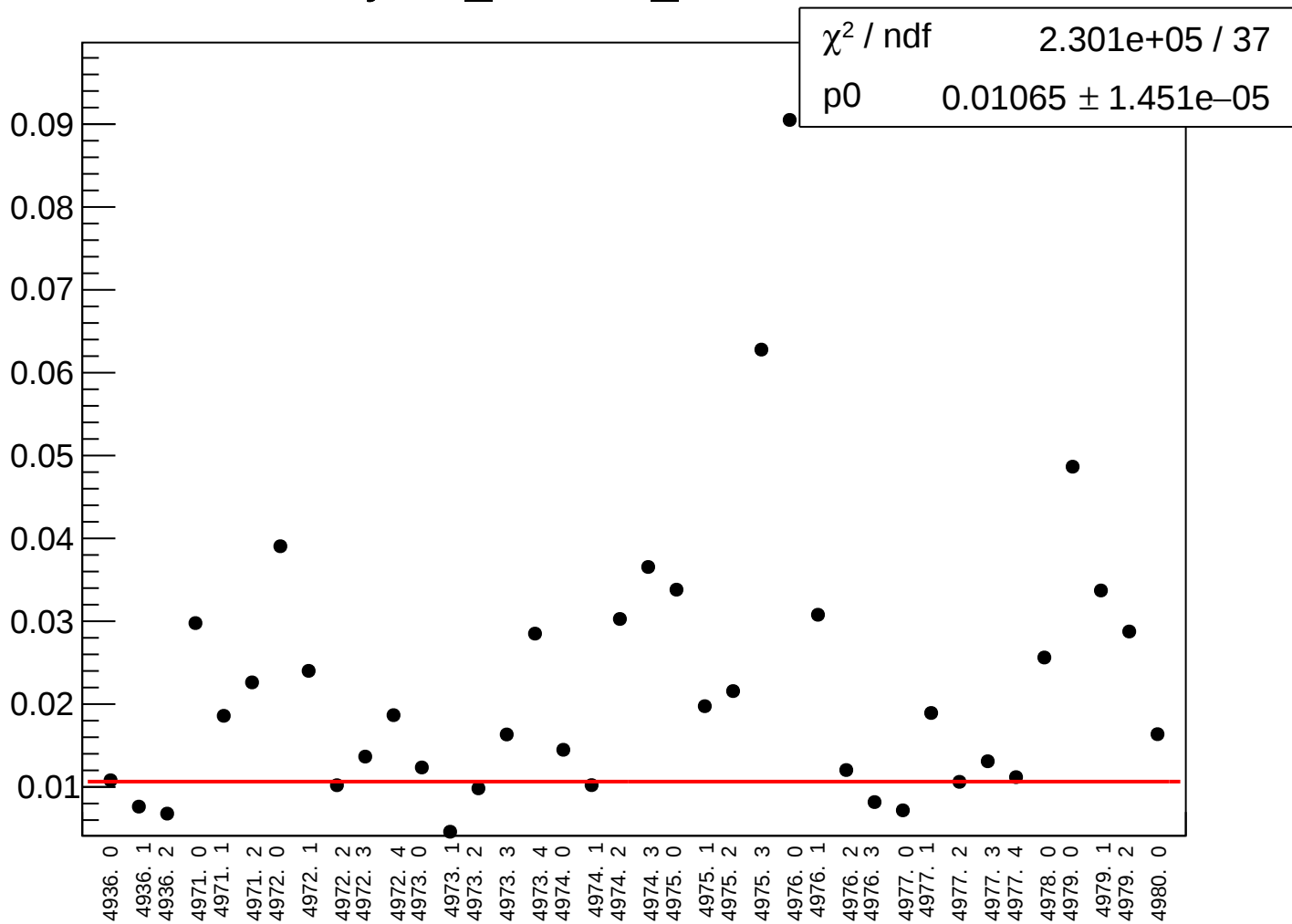
# yield\_cav4cX\_rms vs run



# yield\_cav4cY\_mean vs run

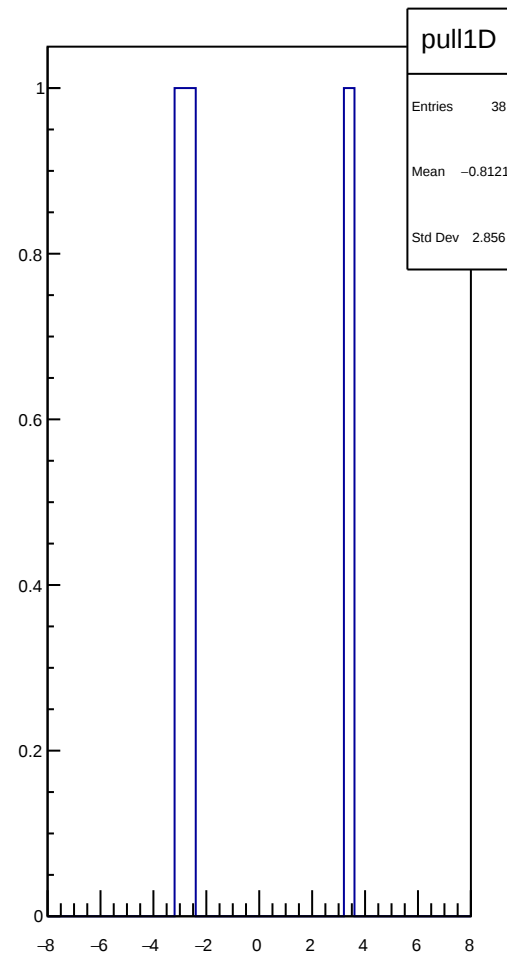
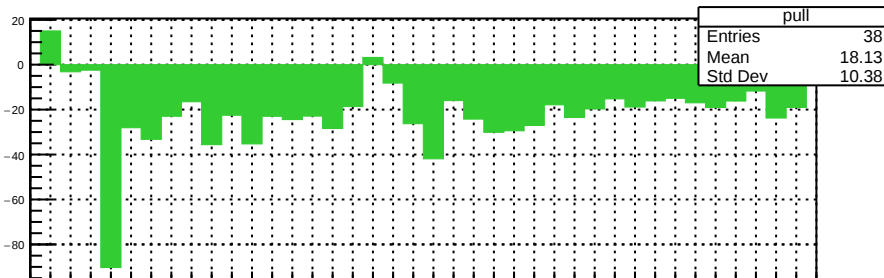
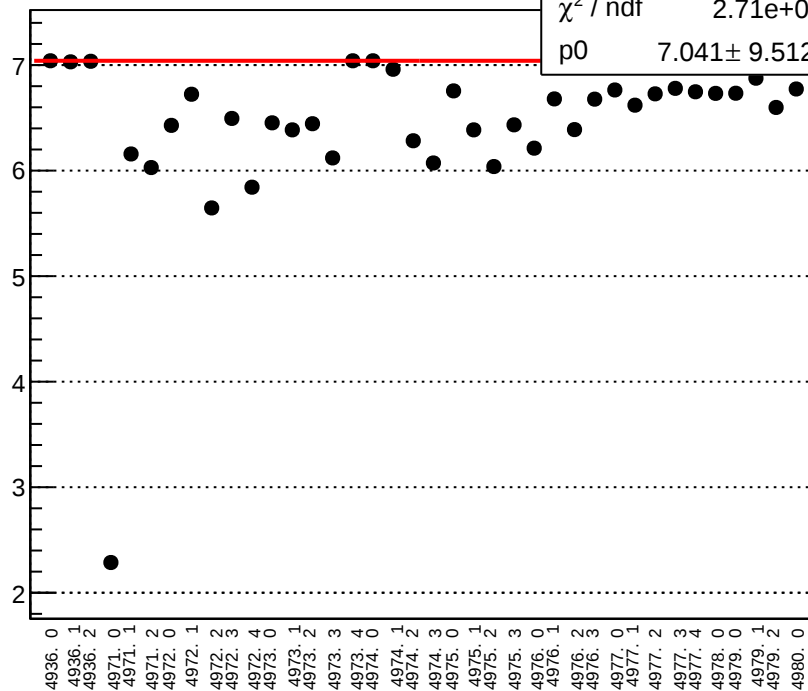


# yield\_cav4cY\_rms vs run

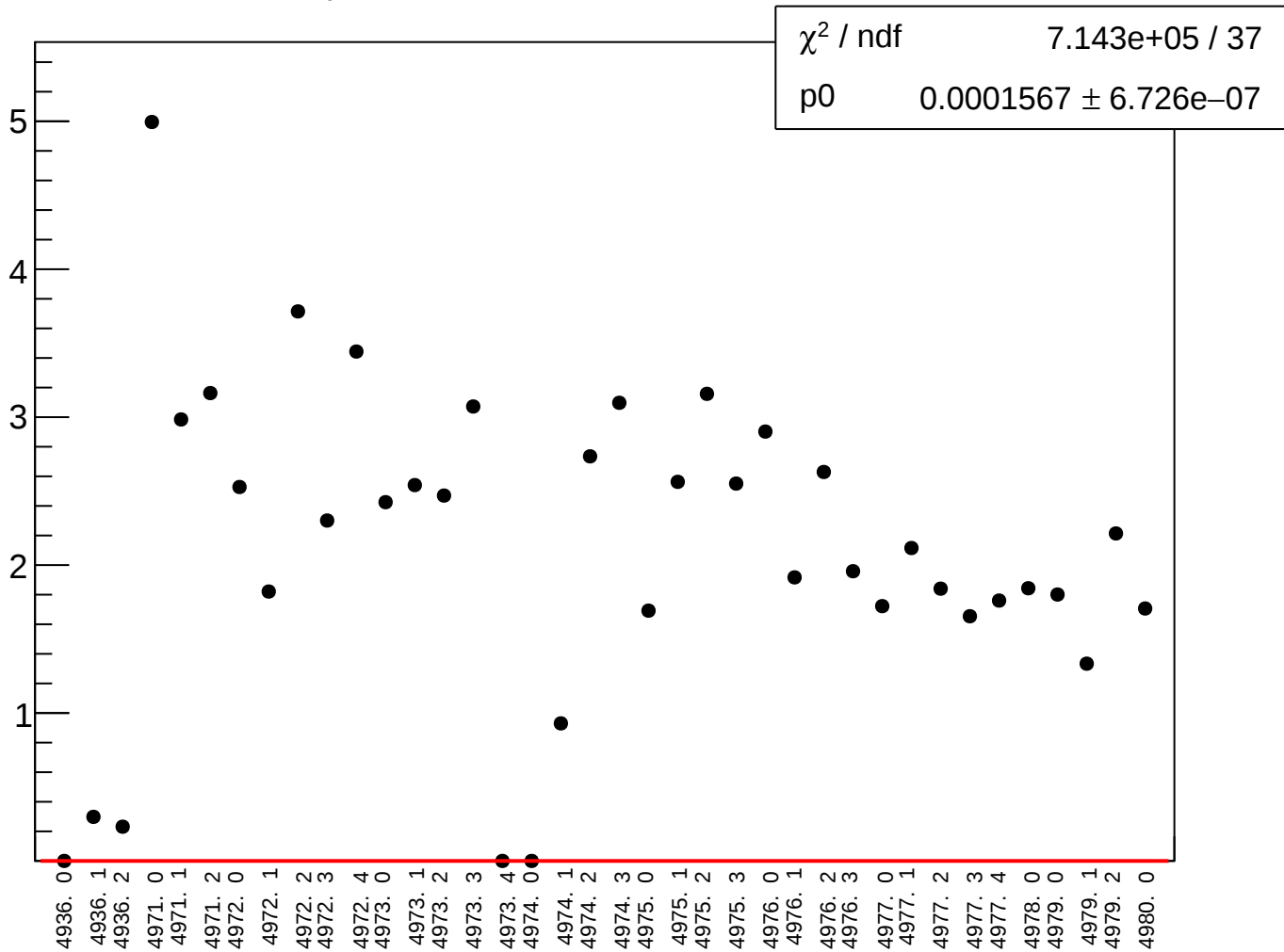


# yield\_cav4dX\_mean vs run

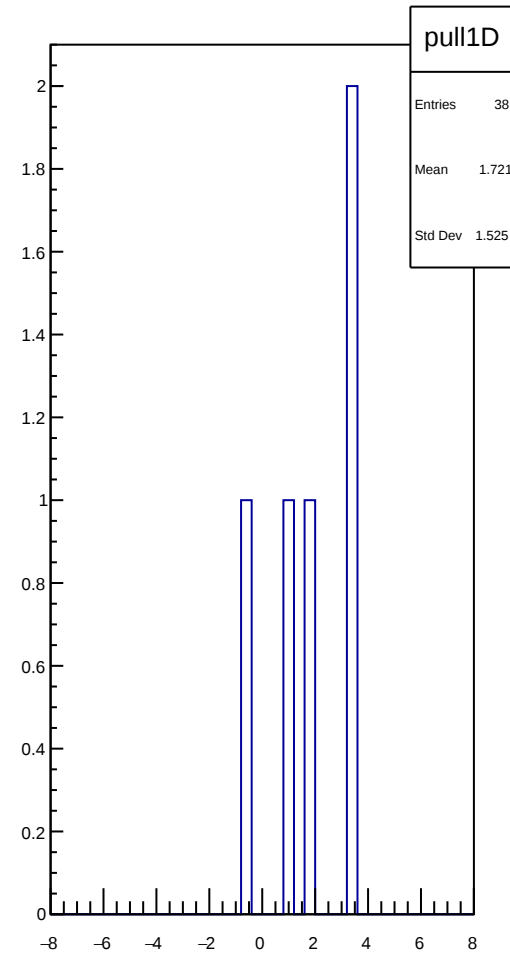
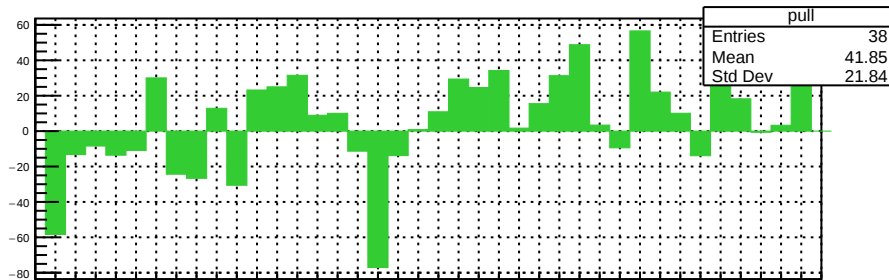
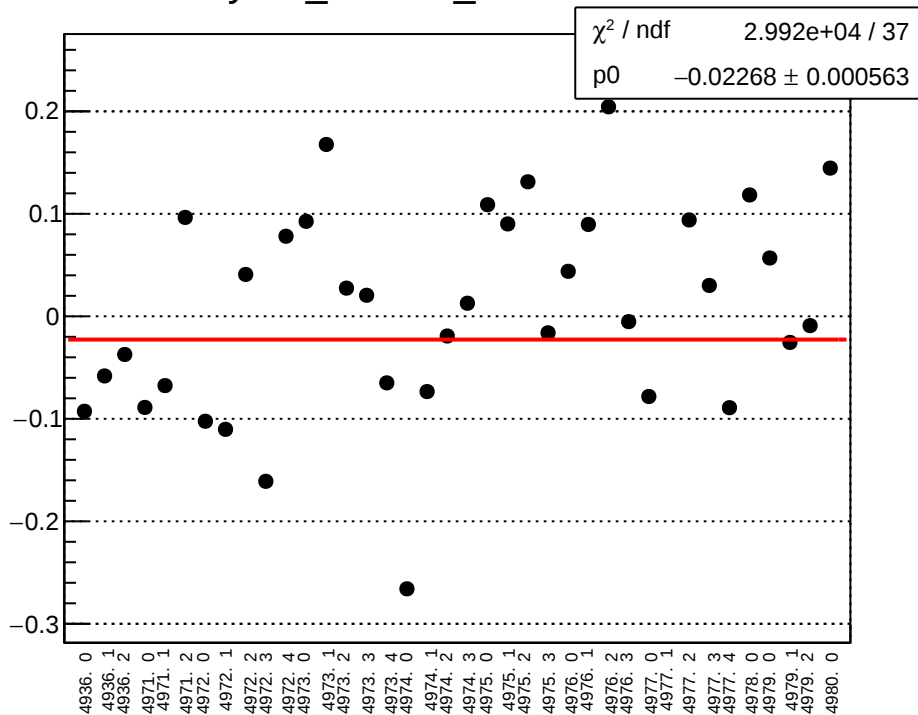
$\chi^2 / \text{ndf}$  2.71e+04 / 37  
p0 7.041± 9.512e-07



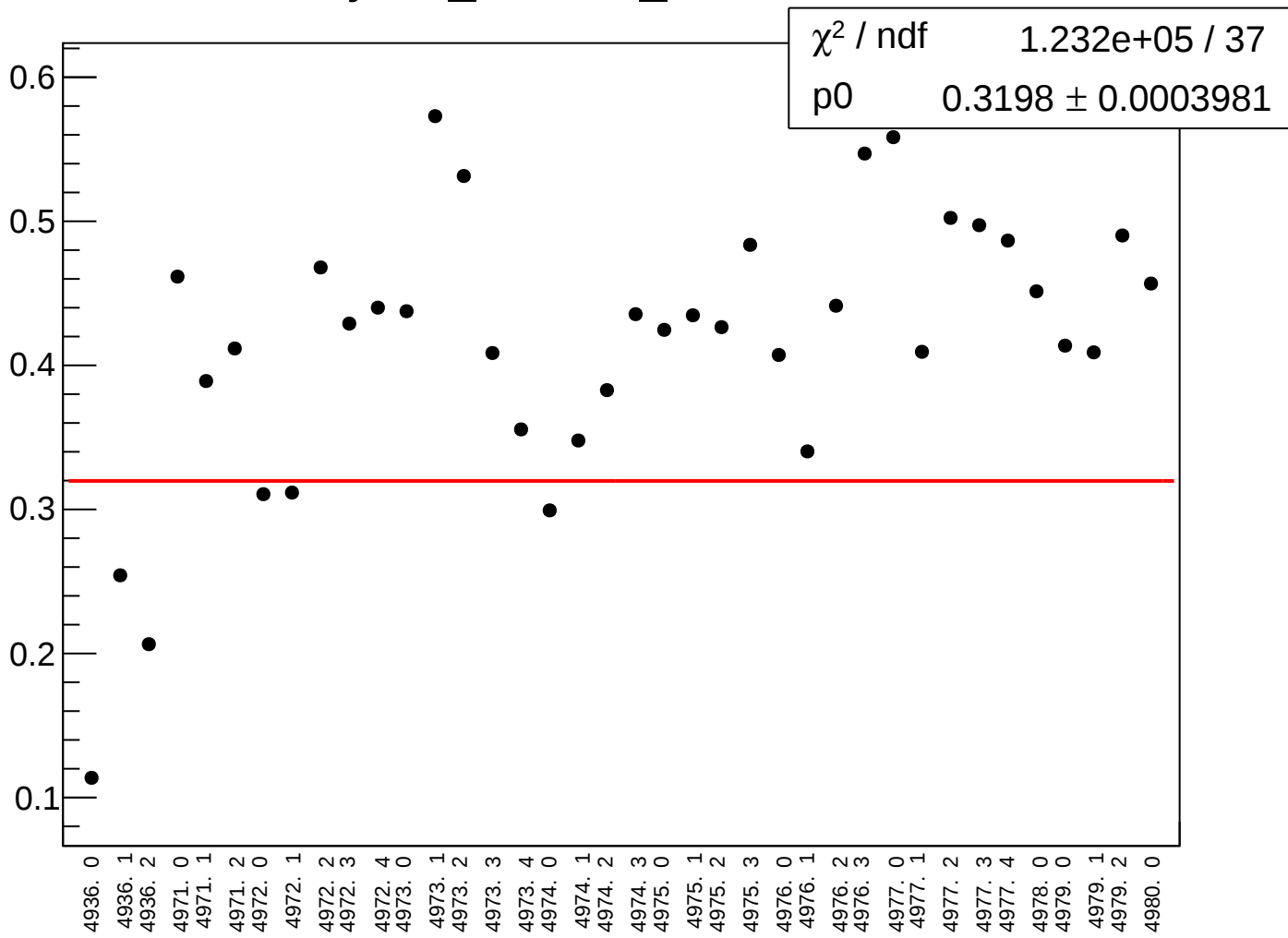
# yield\_cav4dX\_rms vs run



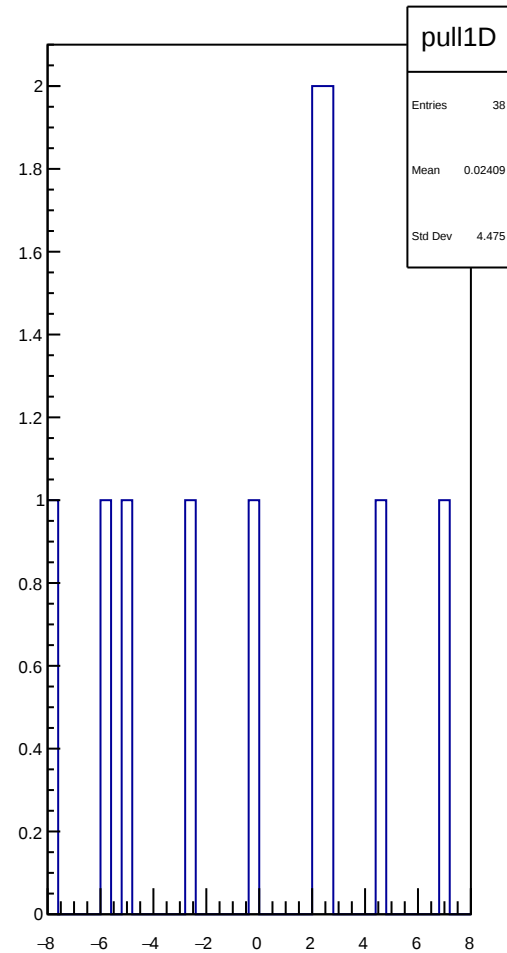
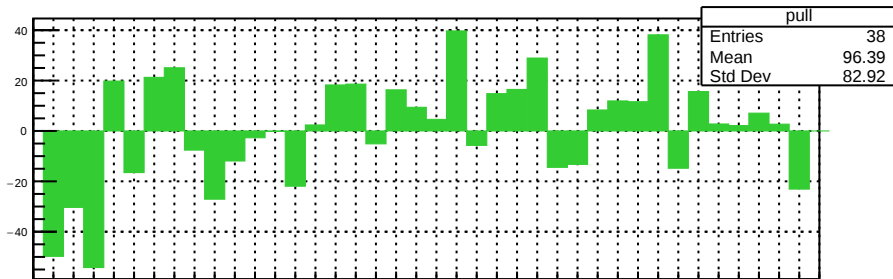
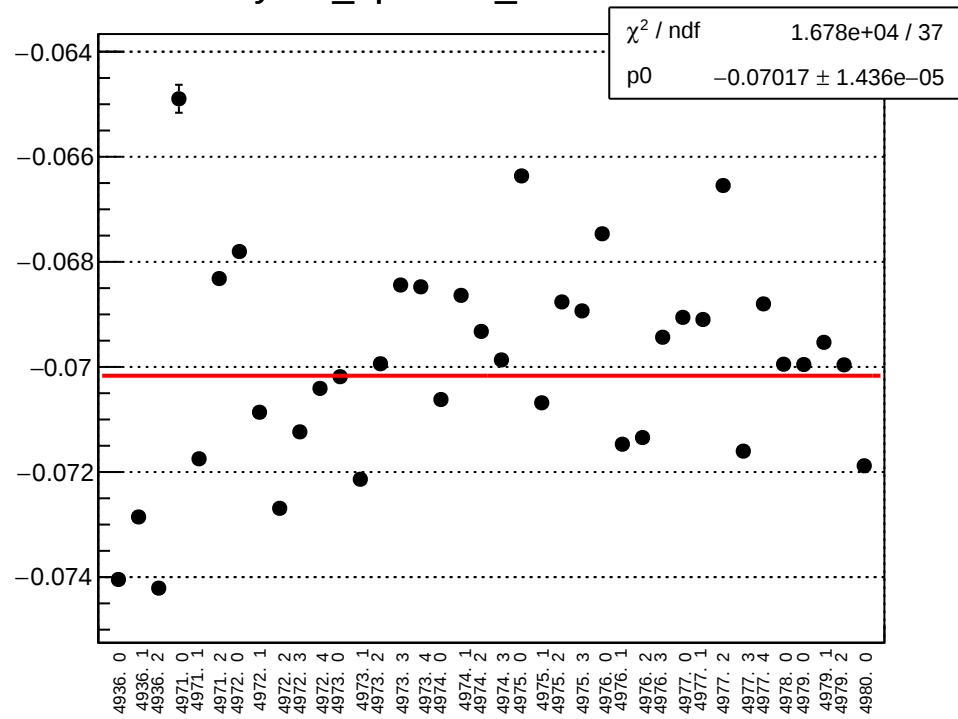
# yield\_cav4dY\_mean vs run



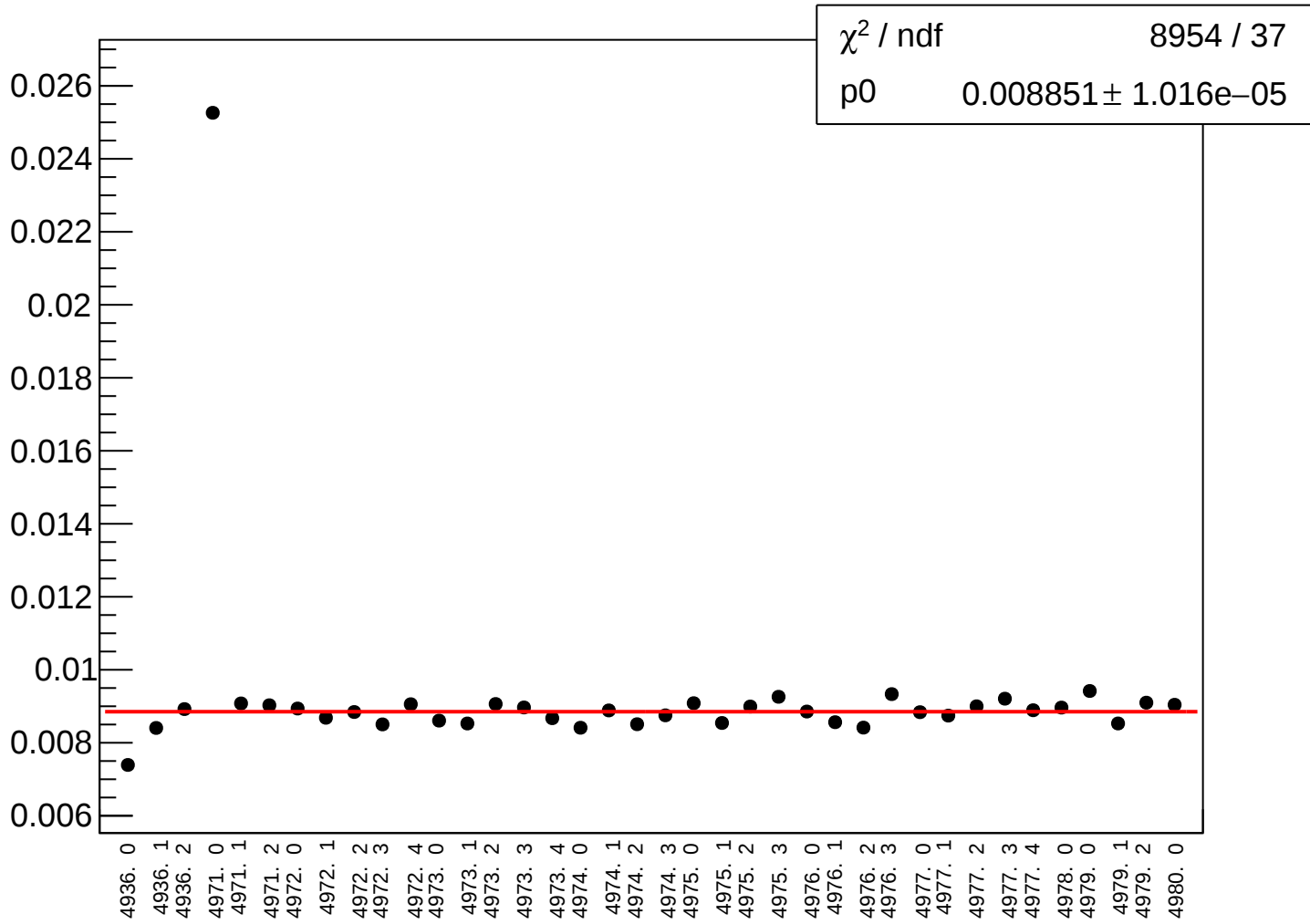
# yield\_cav4dY\_rms vs run



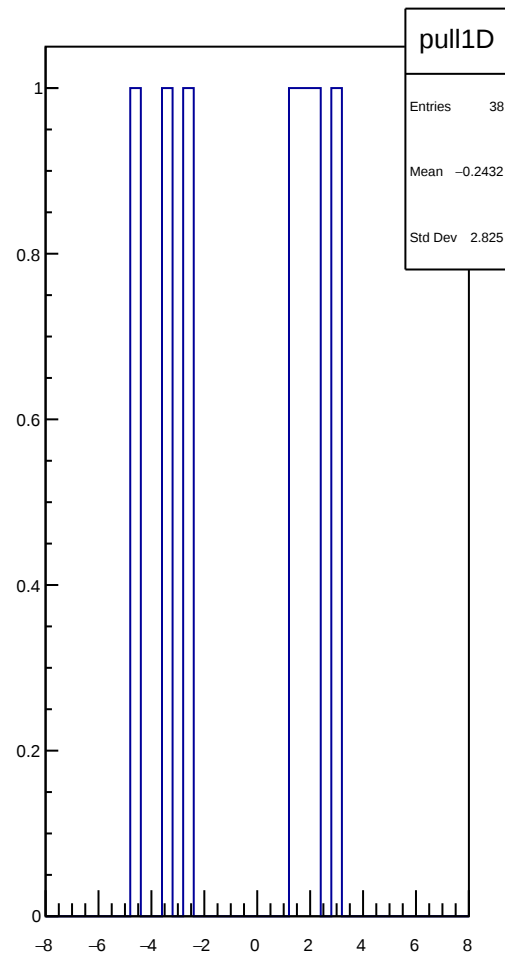
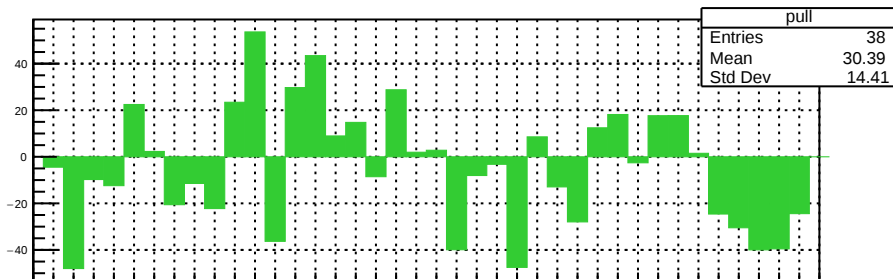
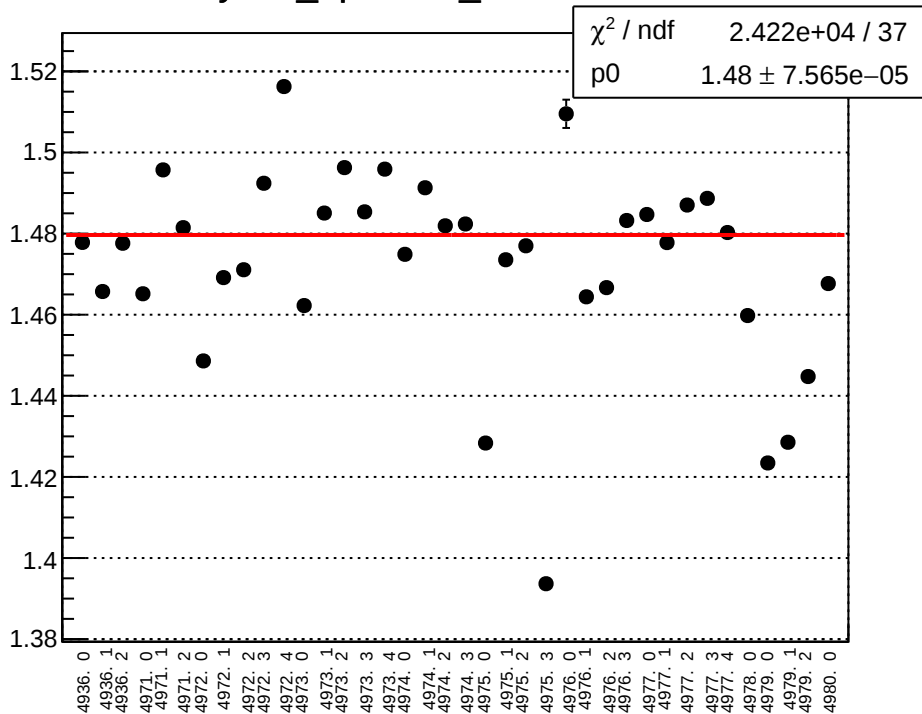
# yield\_bpm4aX\_mean vs run



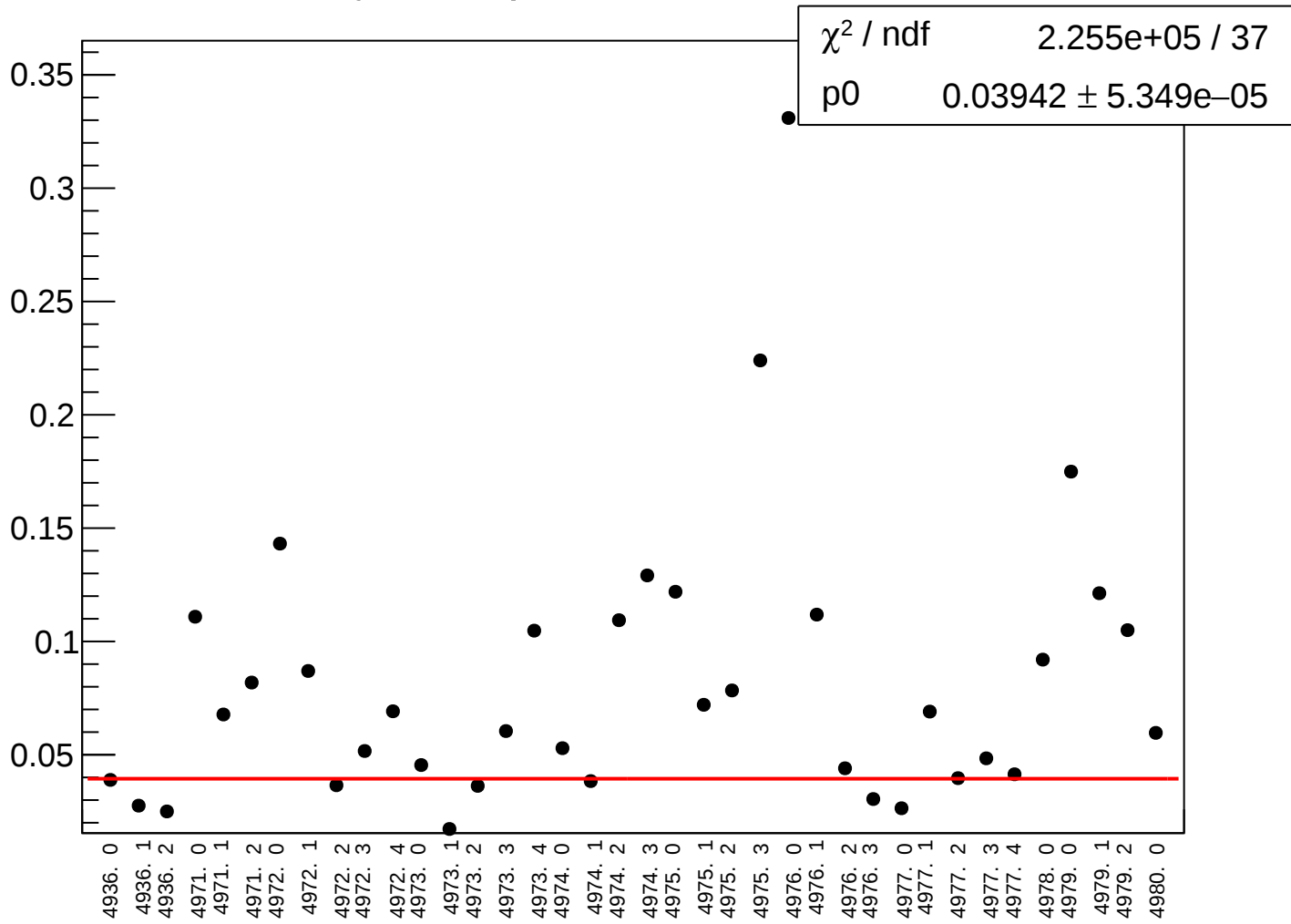
# yield\_bpm4aX\_rms vs run



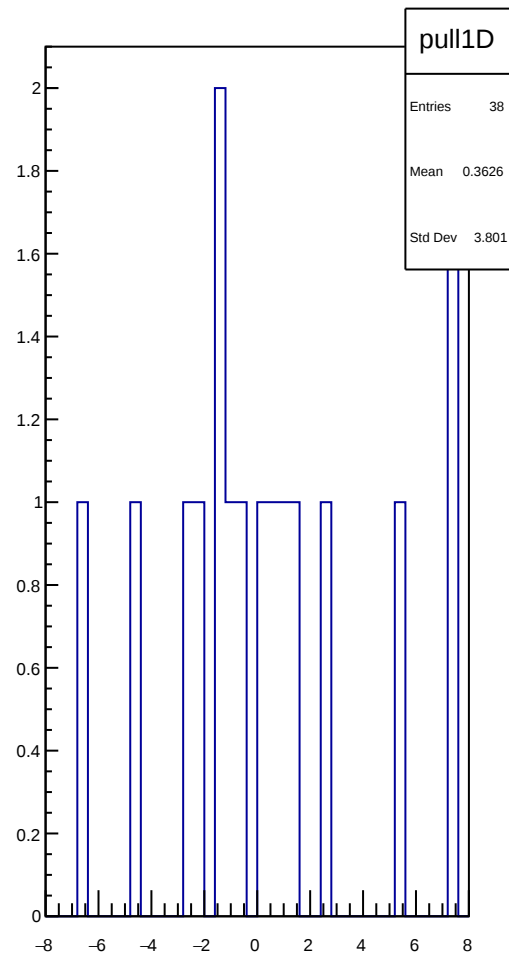
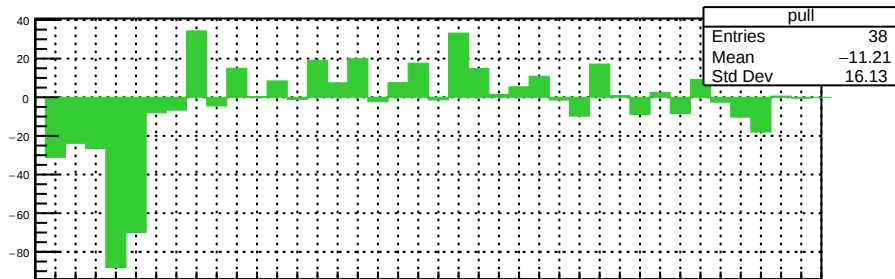
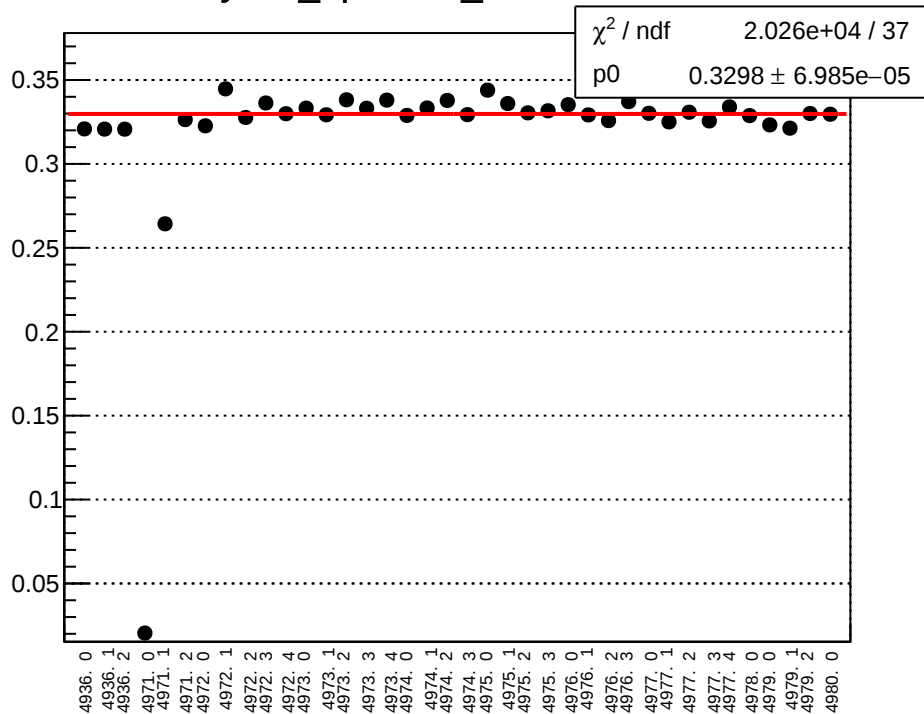
# yield\_bpm4aY\_mean vs run



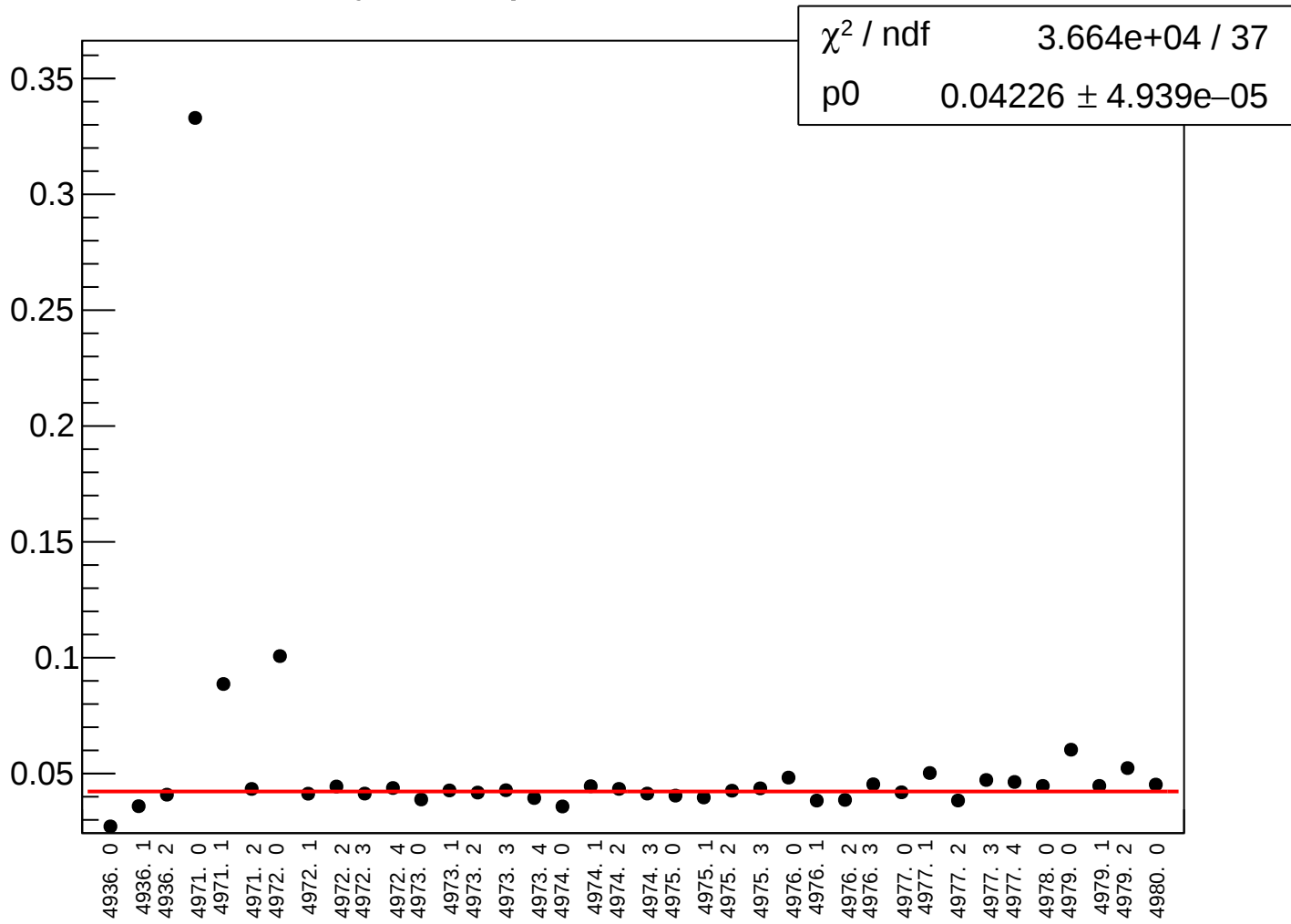
# yield\_bpm4aY\_rms vs run



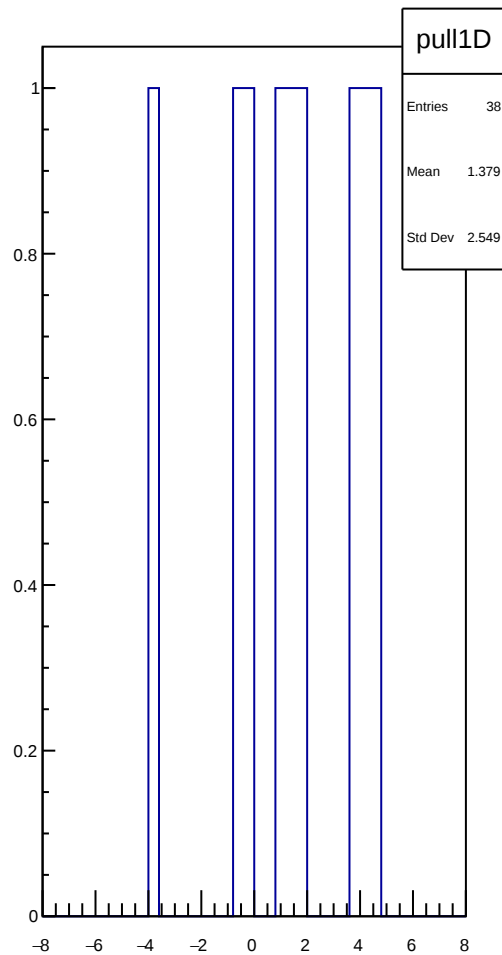
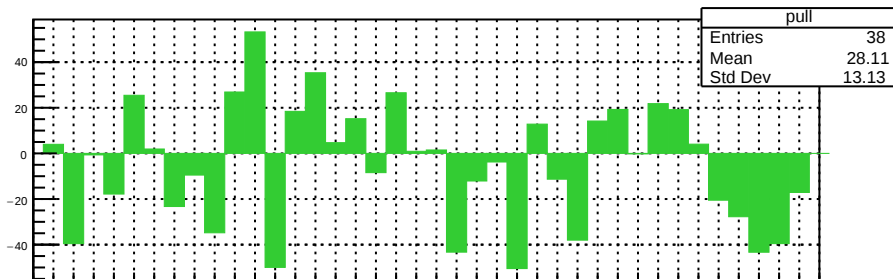
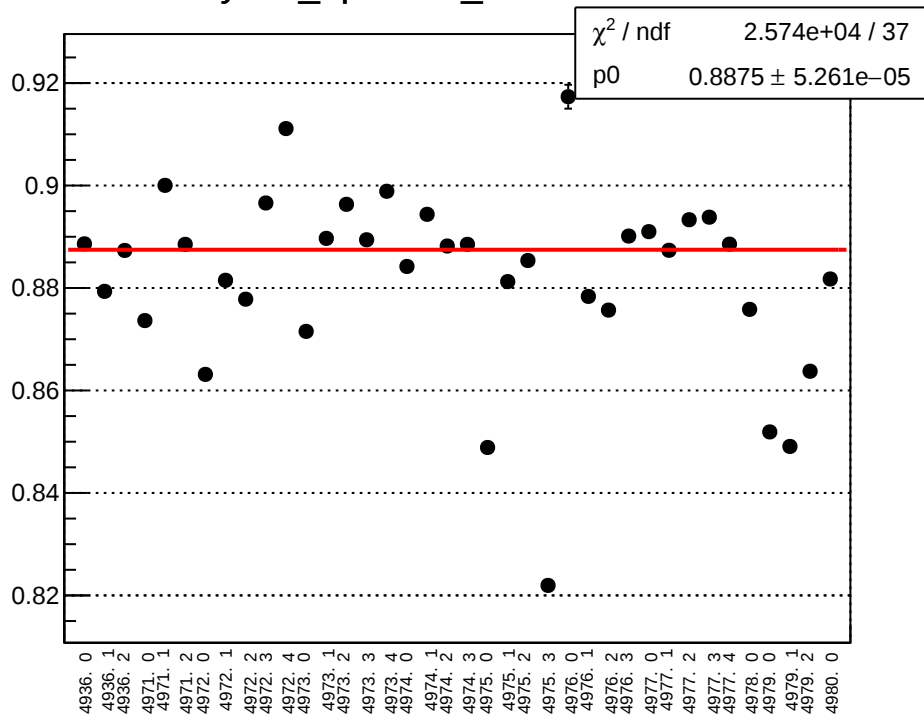
# yield\_bpm4eX\_mean vs run



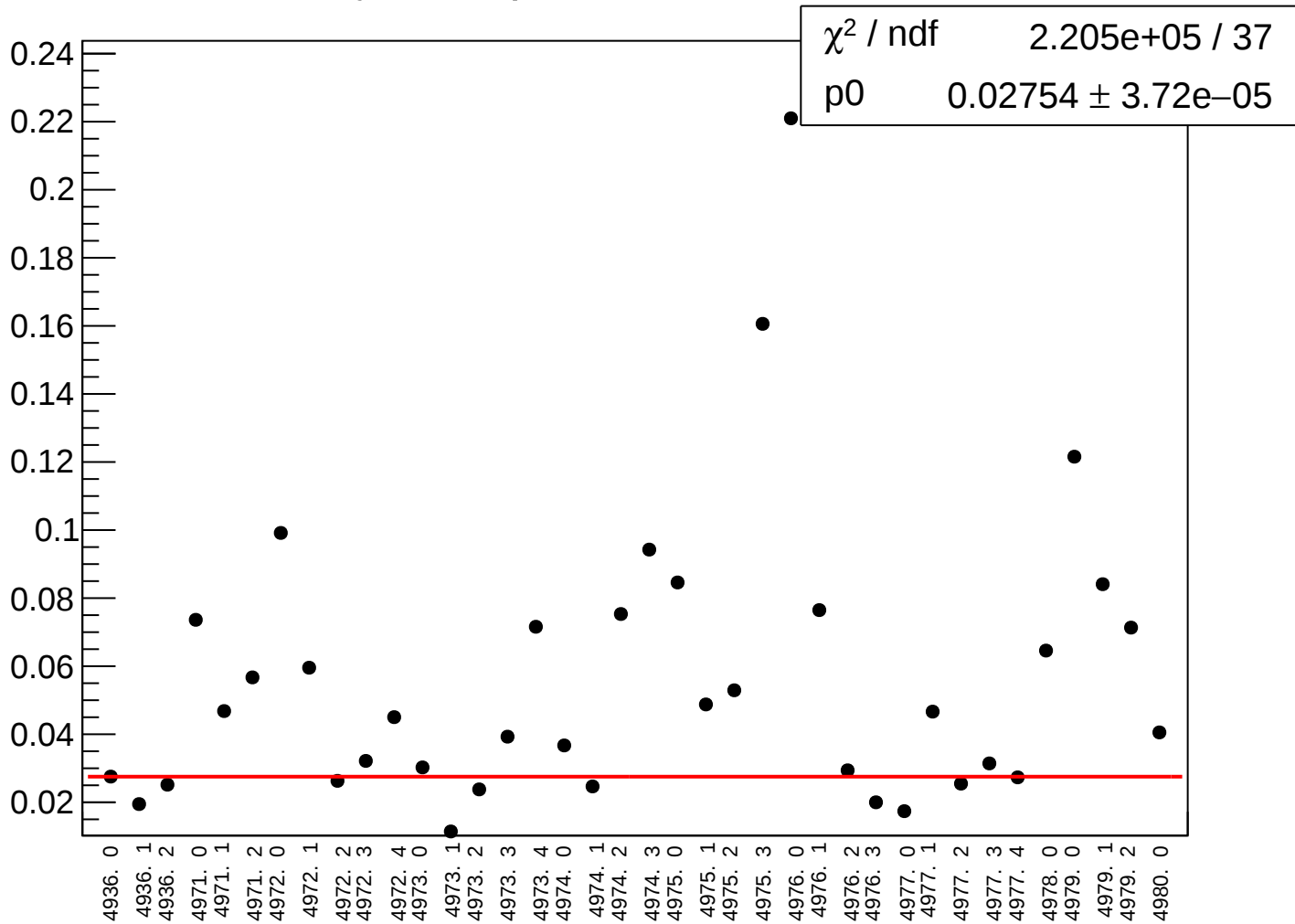
# yield\_bpm4eX\_rms vs run



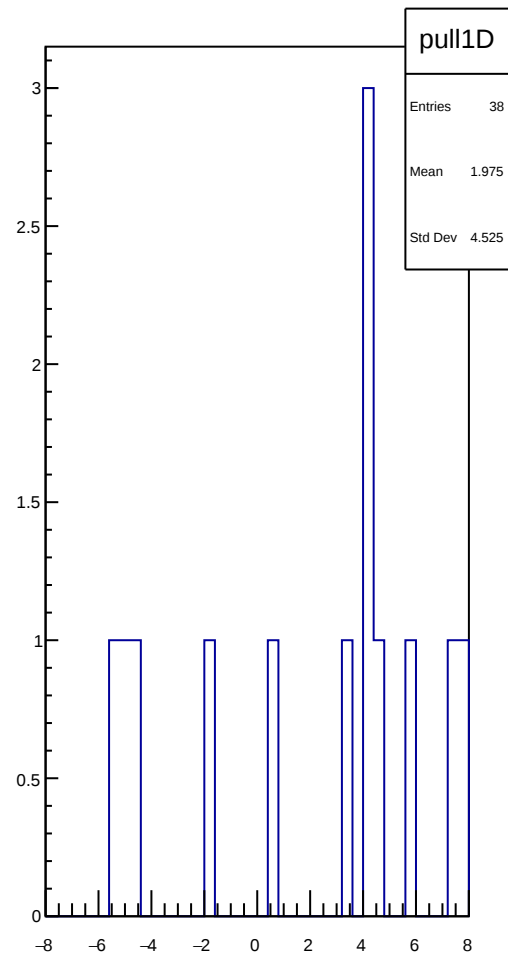
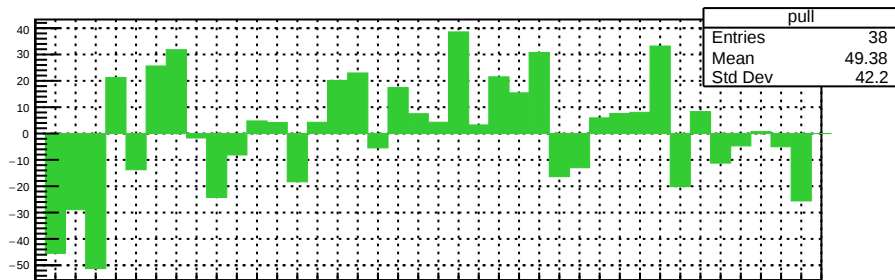
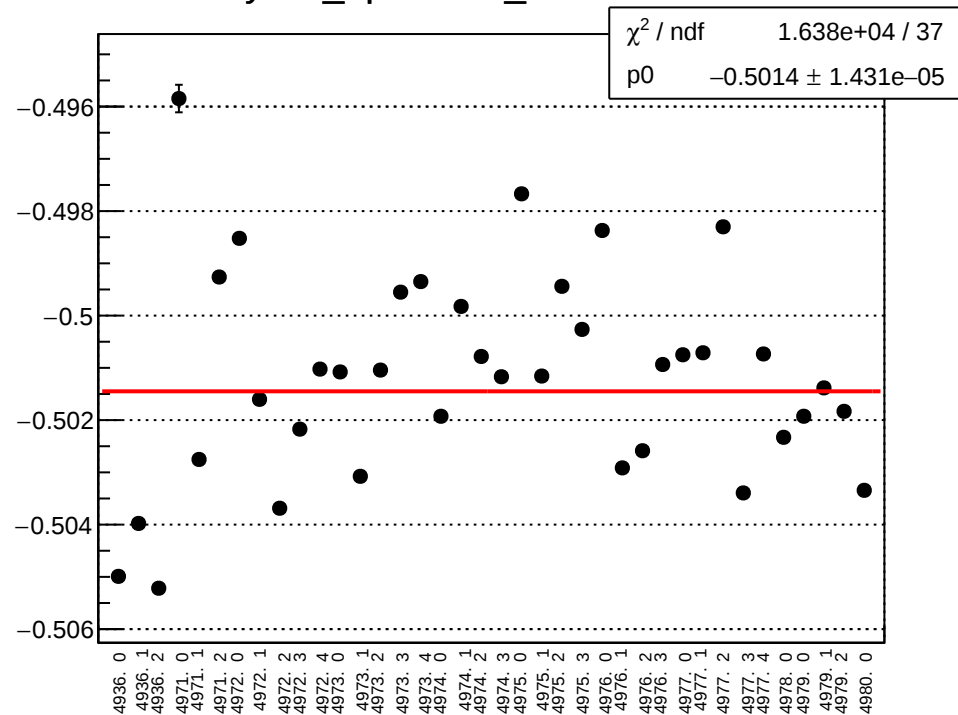
# yield\_bpm4eY\_mean vs run



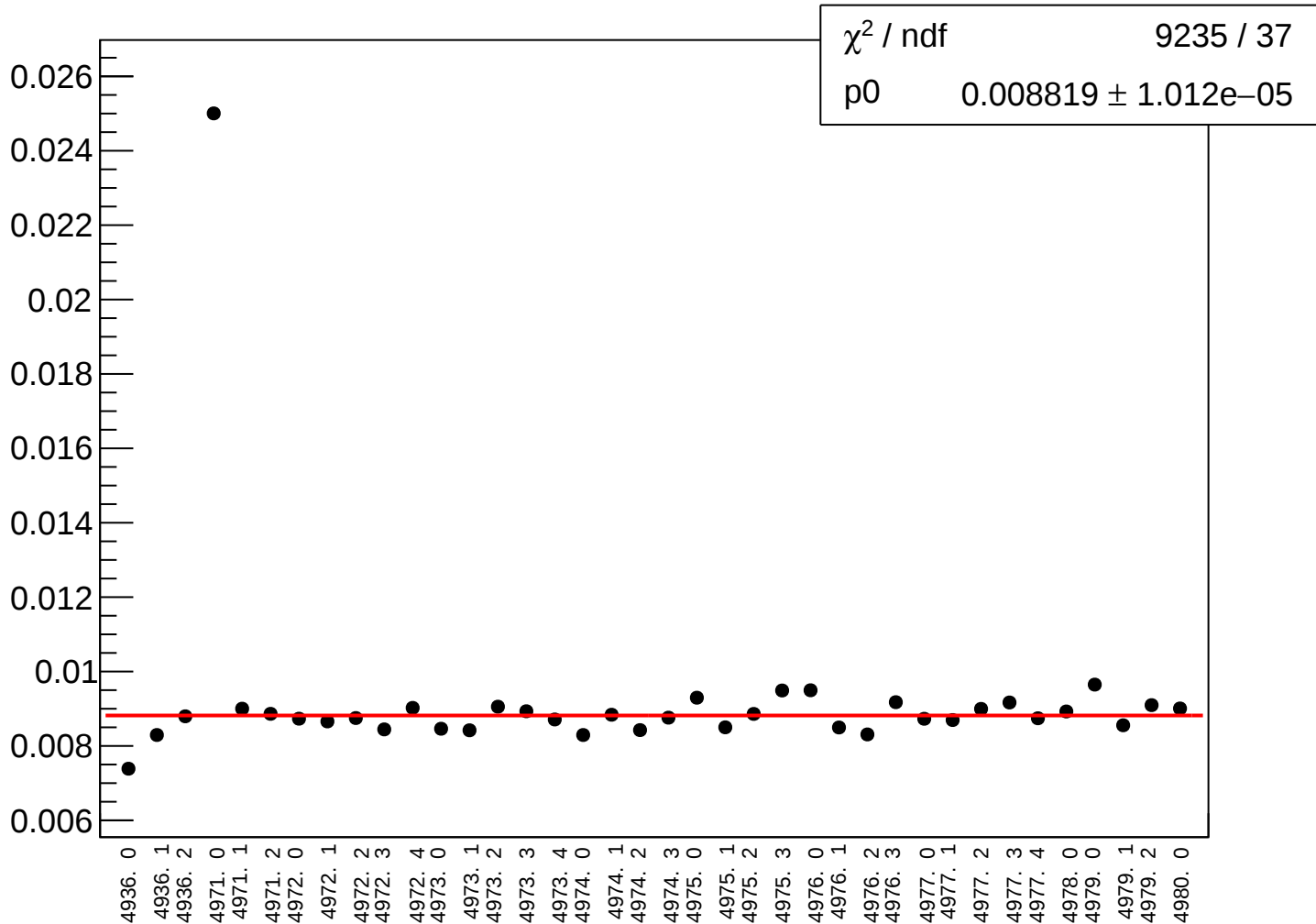
# yield\_bpm4eY\_rms vs run



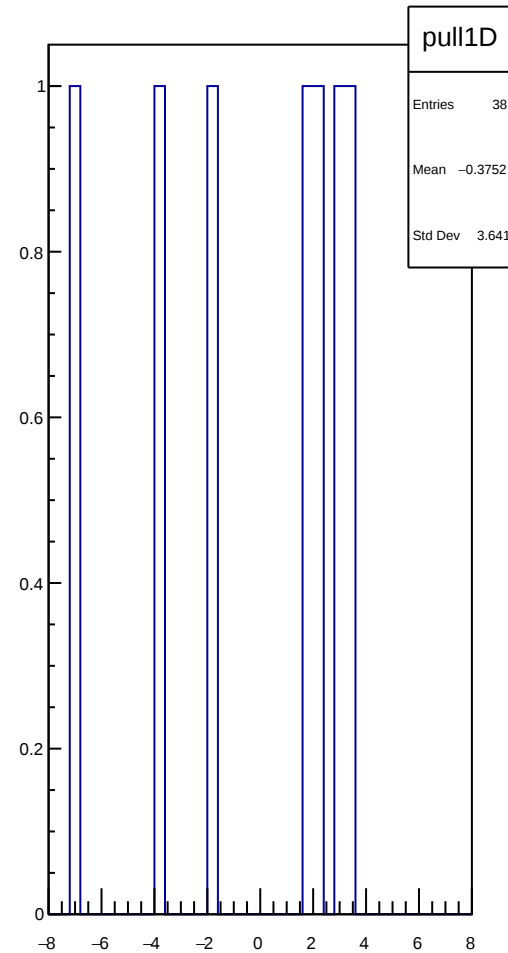
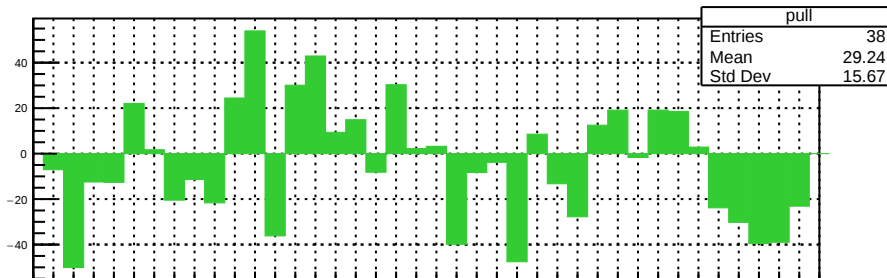
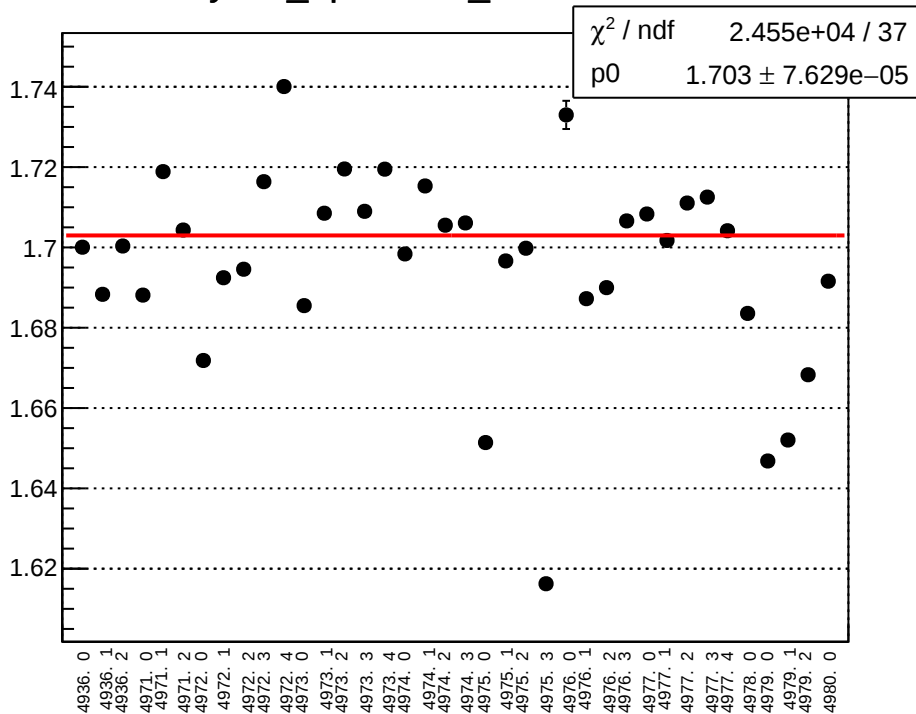
# yield\_bpm4acX\_mean vs run



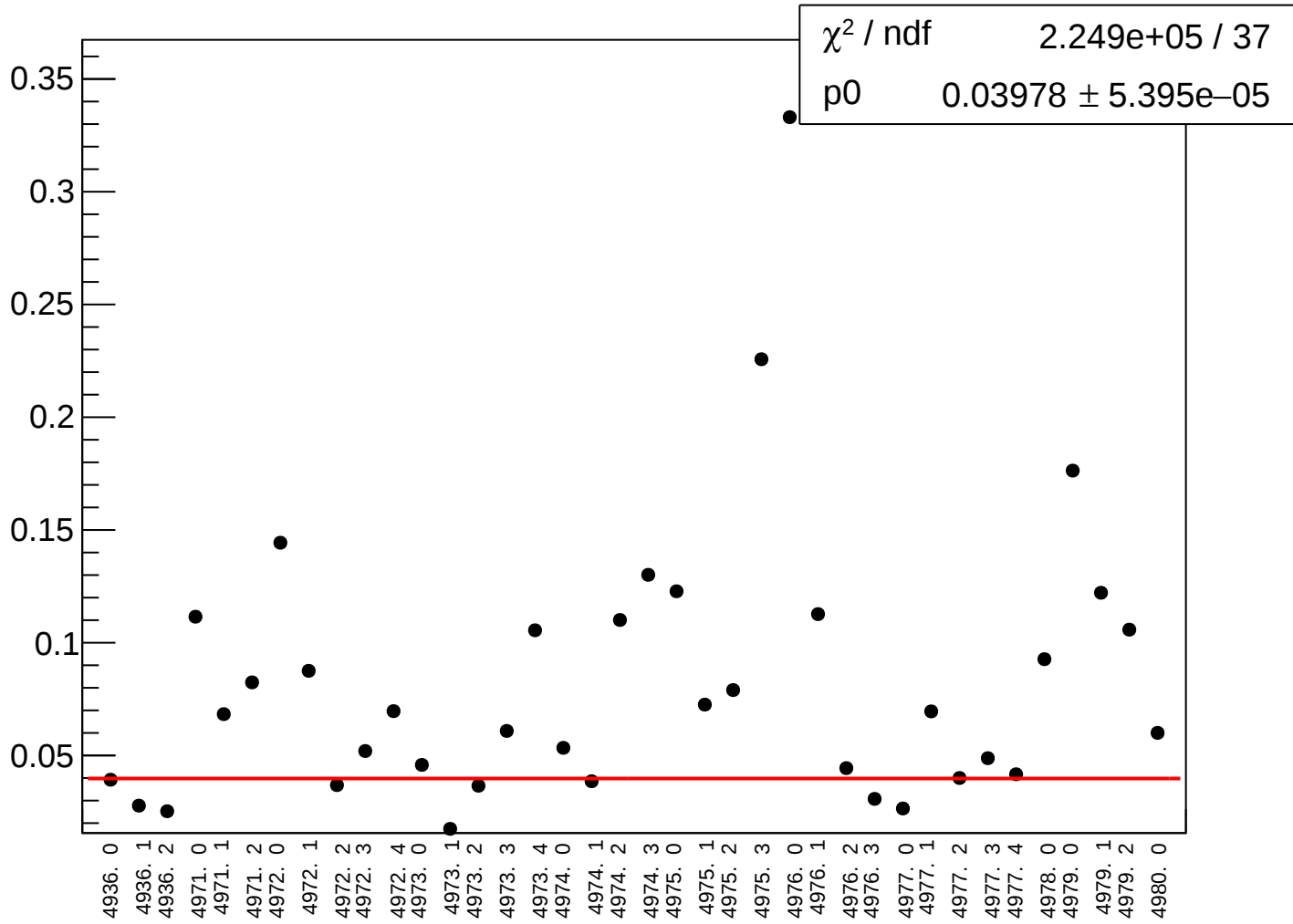
# yield\_bpm4acX\_rms vs run



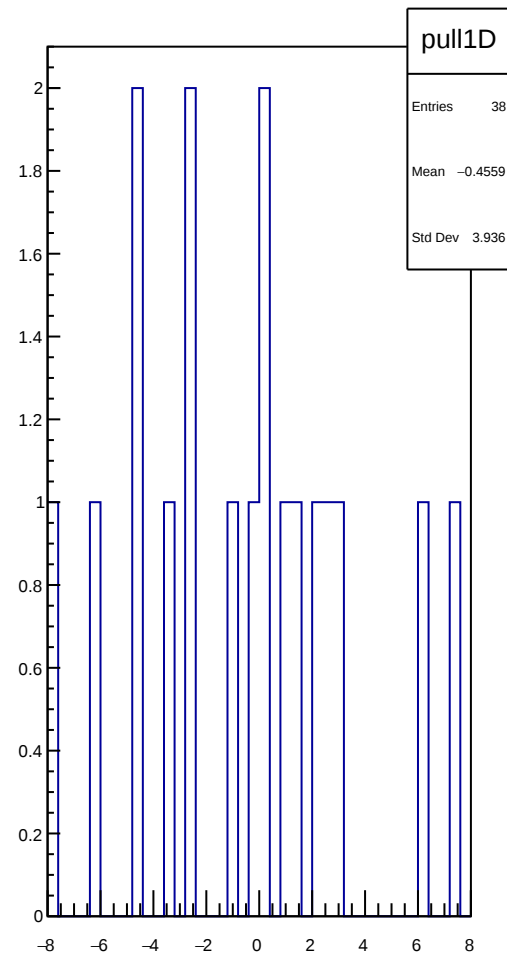
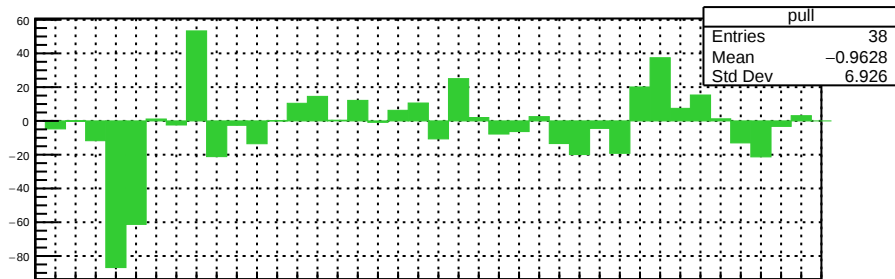
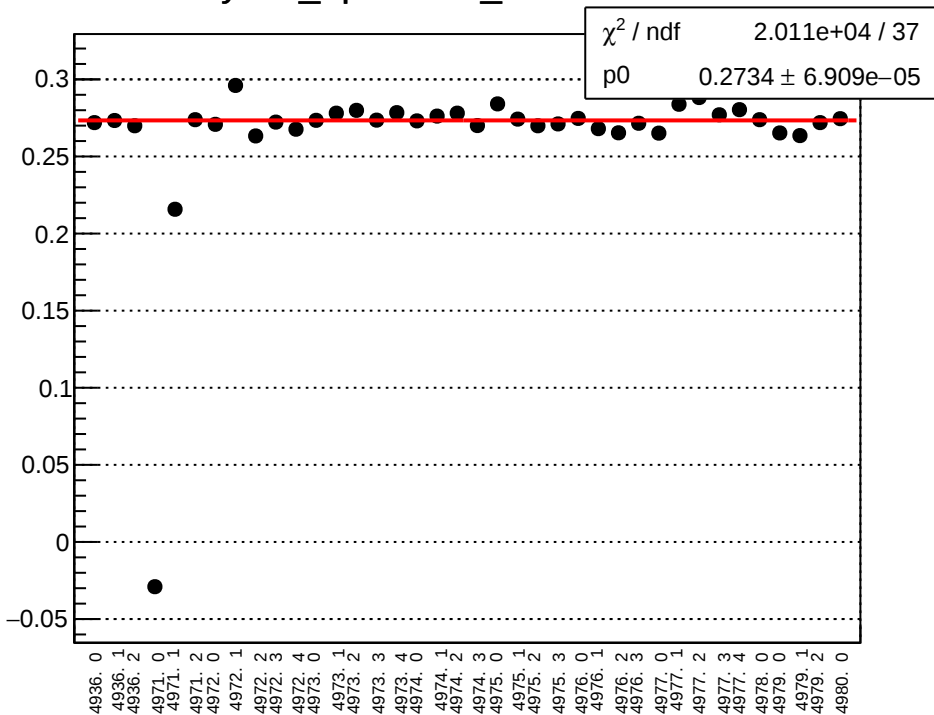
# yield\_bpm4acY\_mean vs run



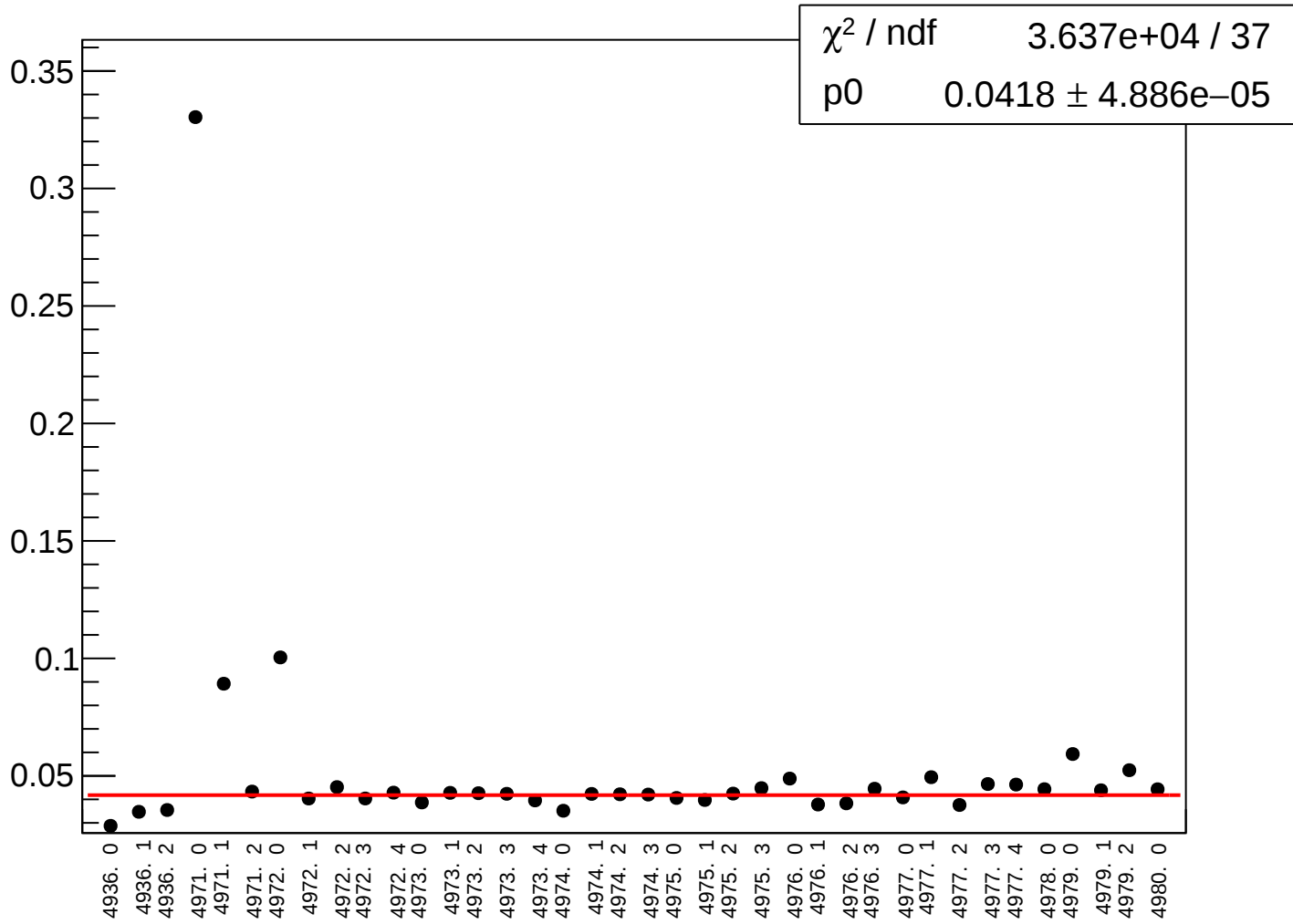
# yield\_bpm4acY\_rms vs run



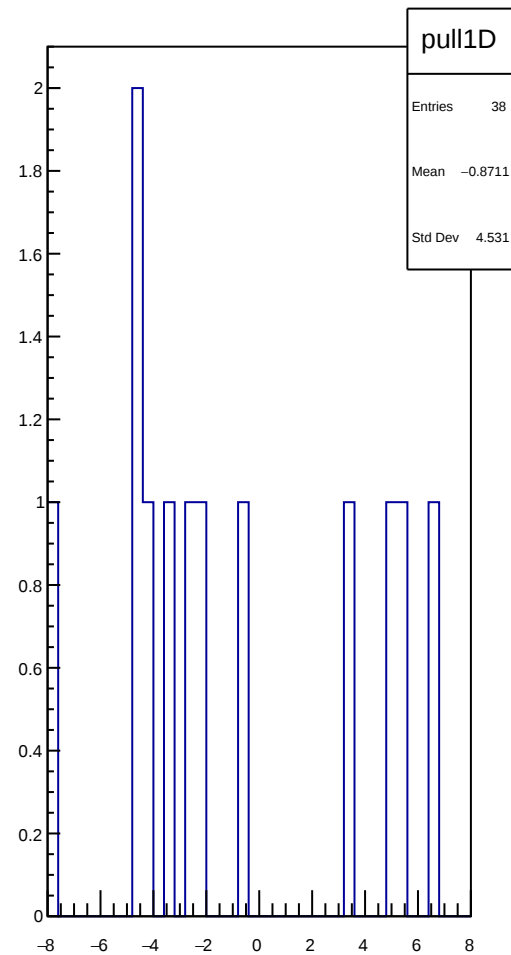
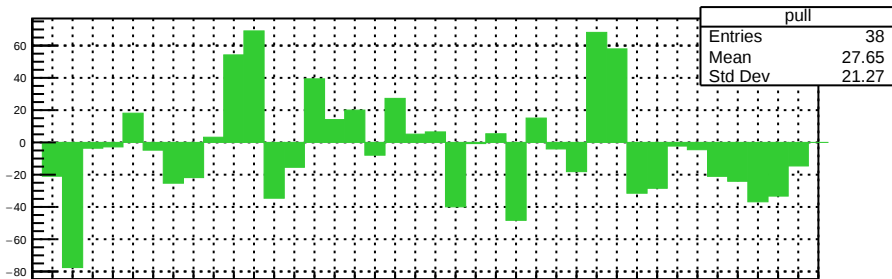
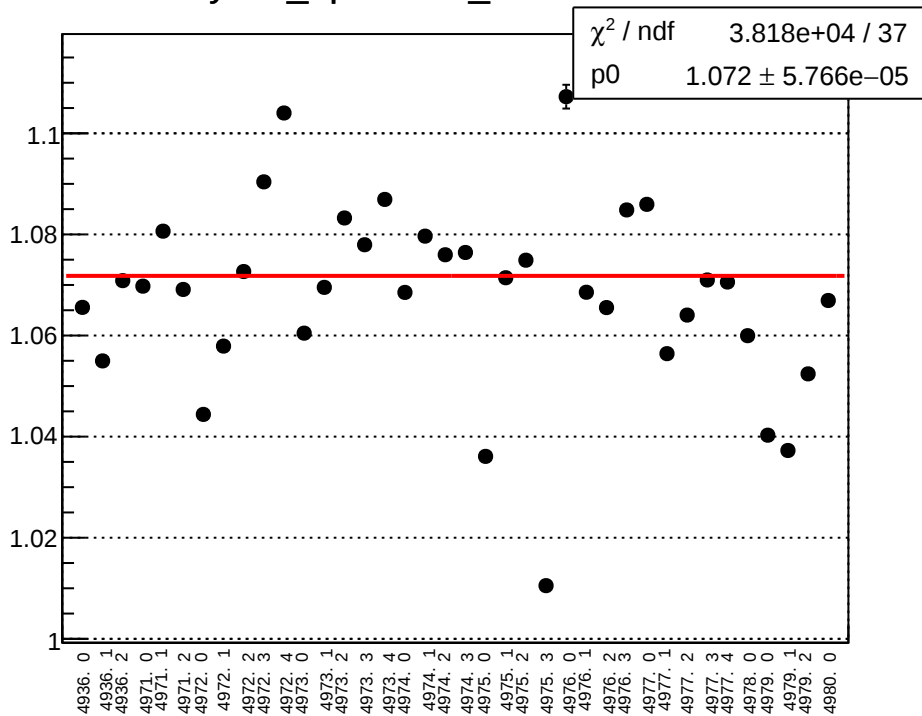
# yield\_bpm4ecX\_mean vs run



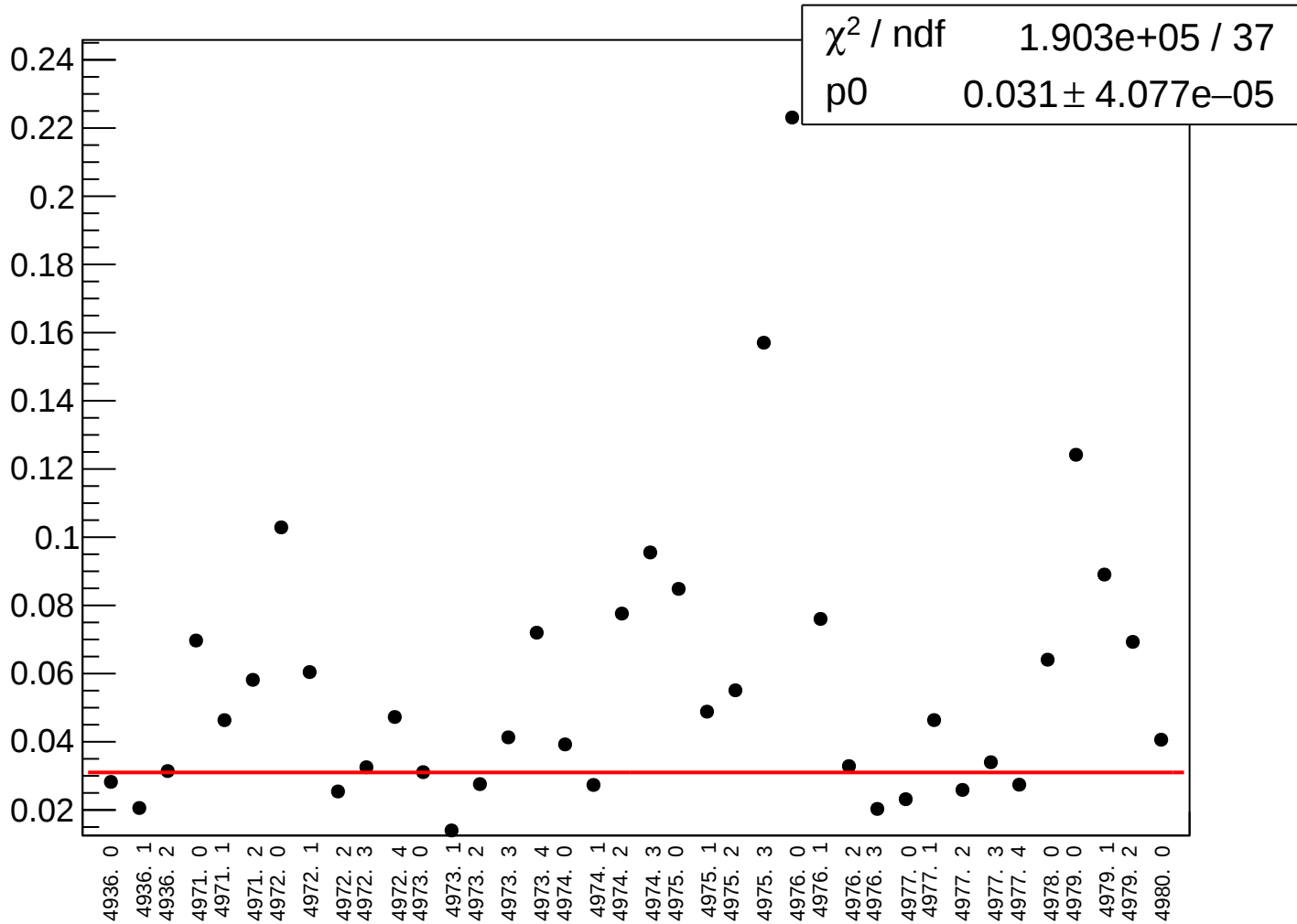
# yield\_bpm4ecX\_rms vs run



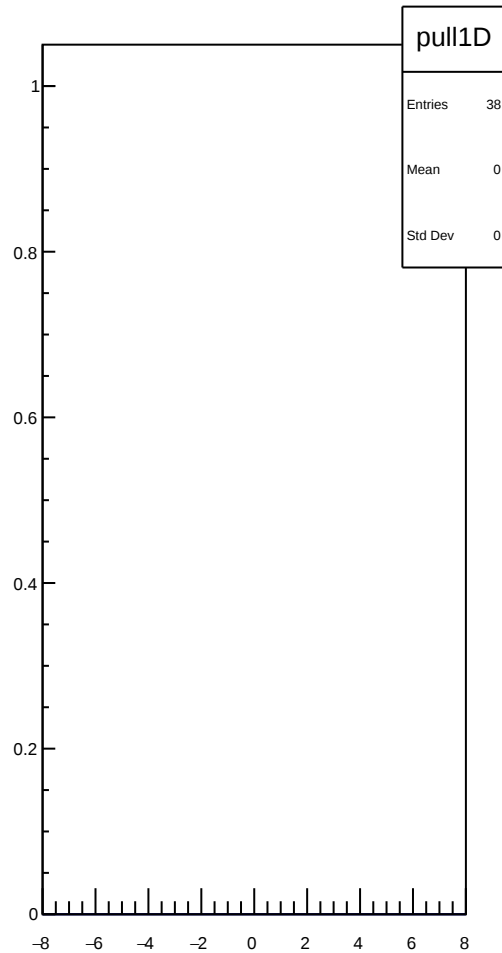
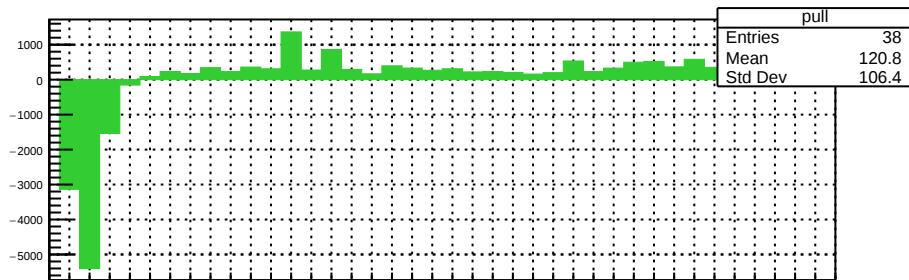
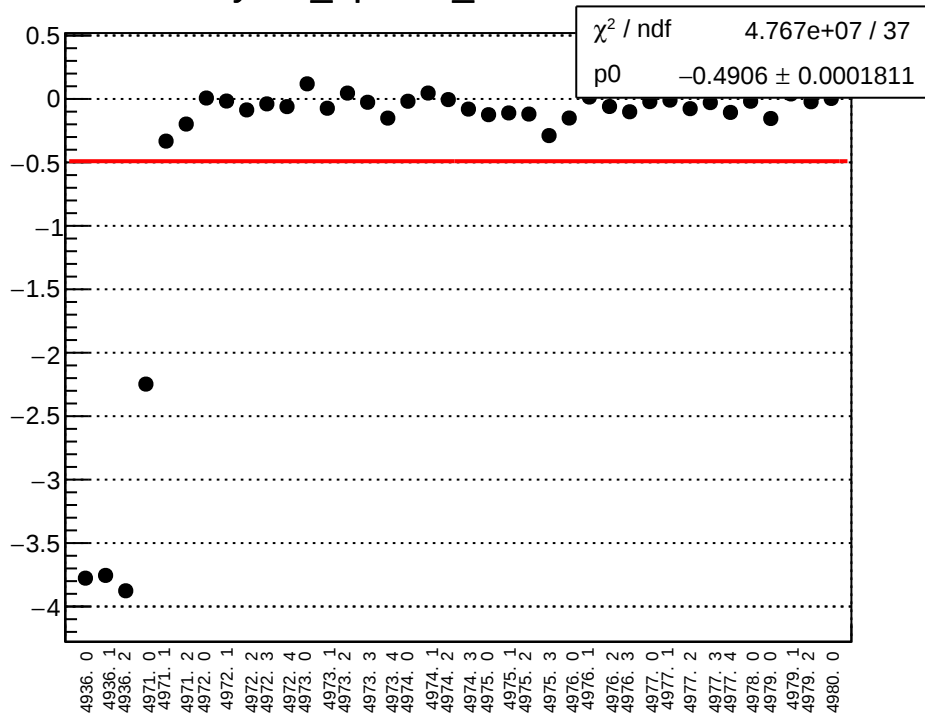
# yield\_bpm4ecY\_mean vs run



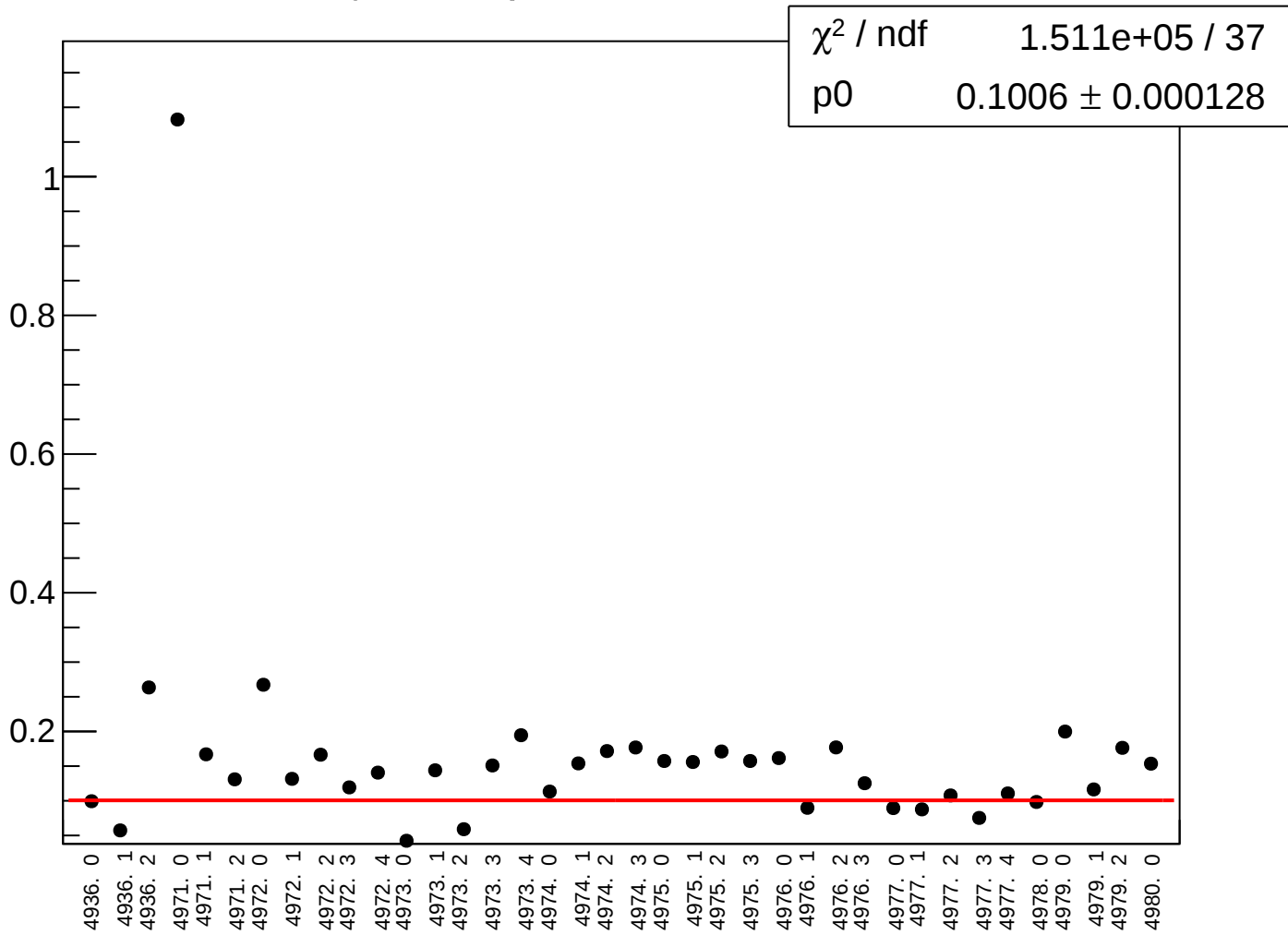
# yield\_bpm4ecY\_rms vs run



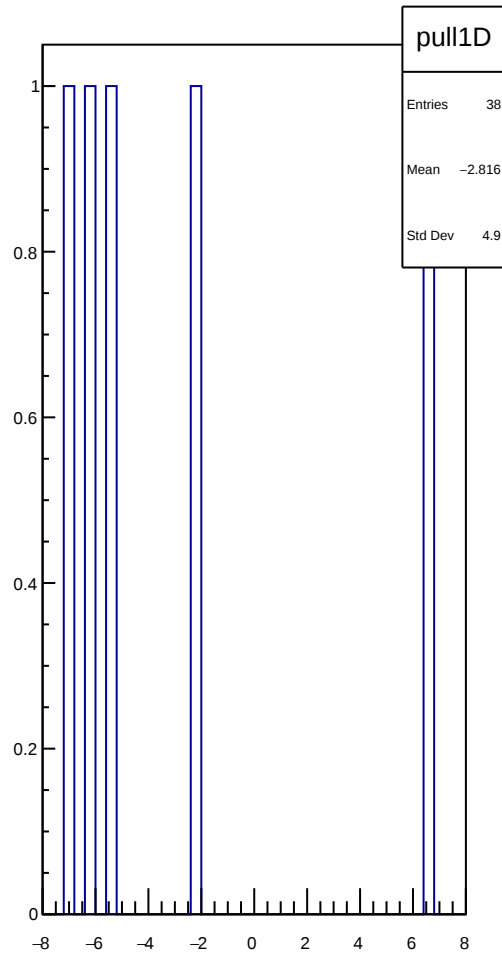
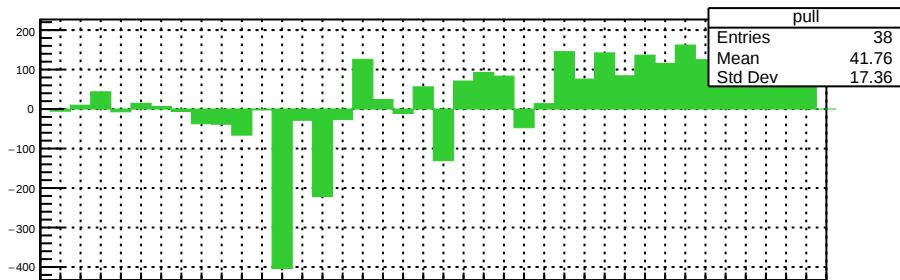
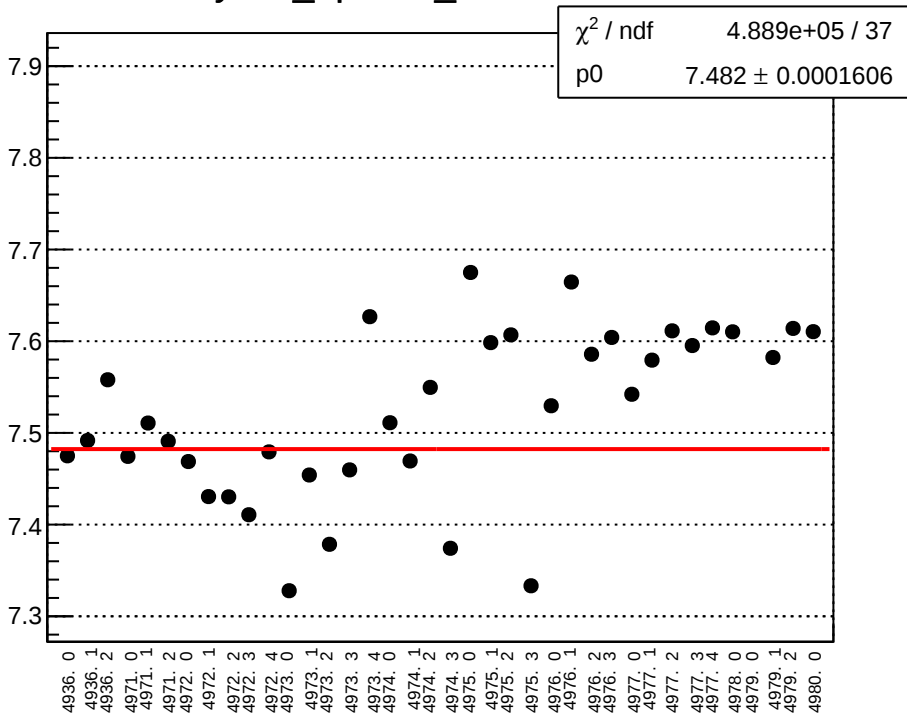
# yield\_bpm1X\_mean vs run



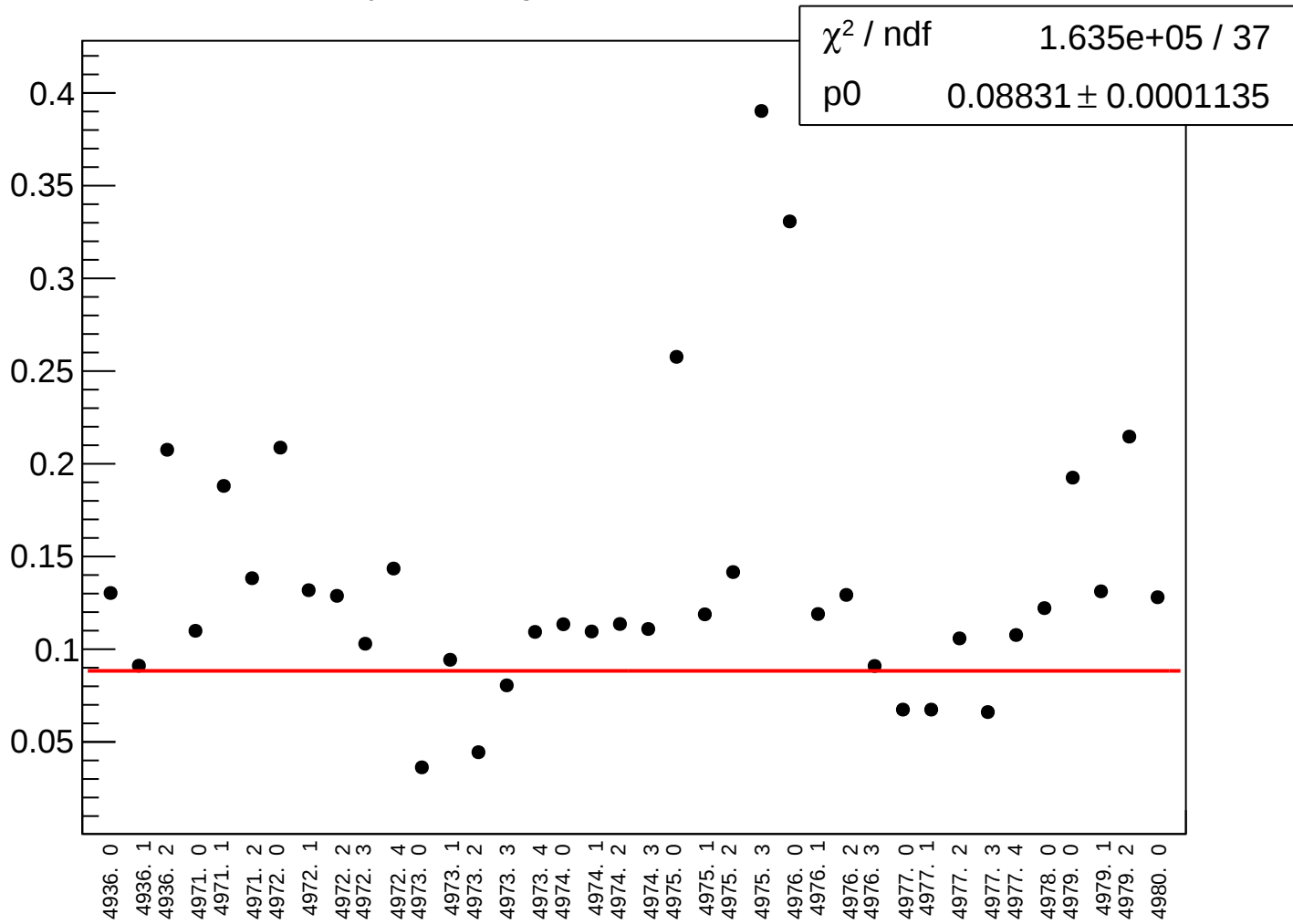
# yield\_bpm1X\_rms vs run



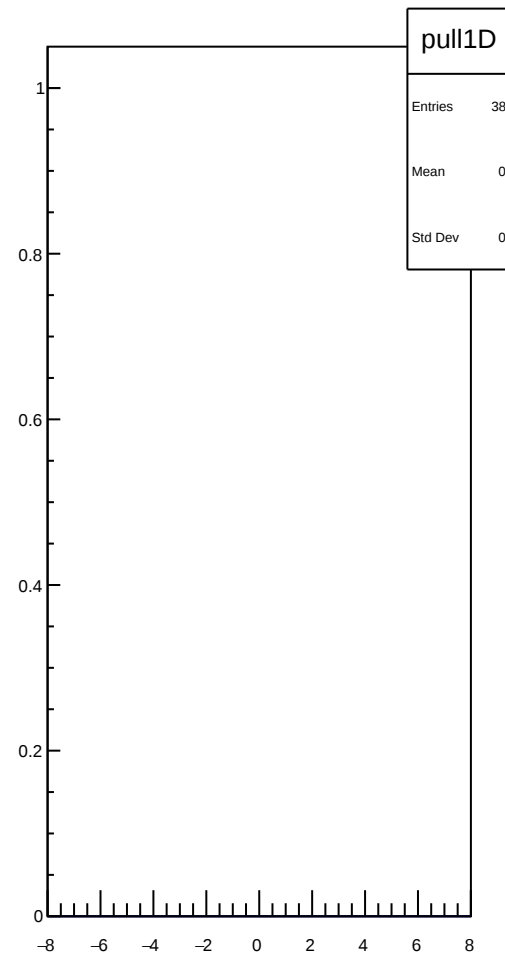
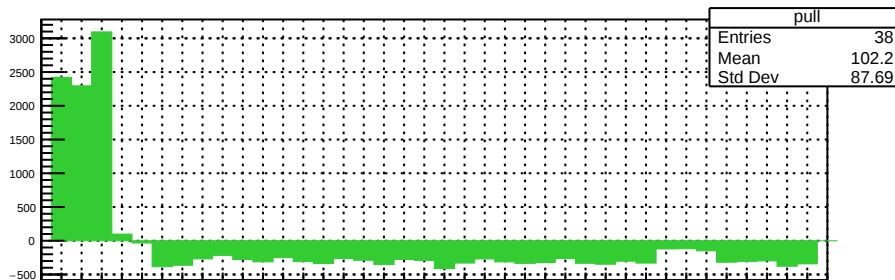
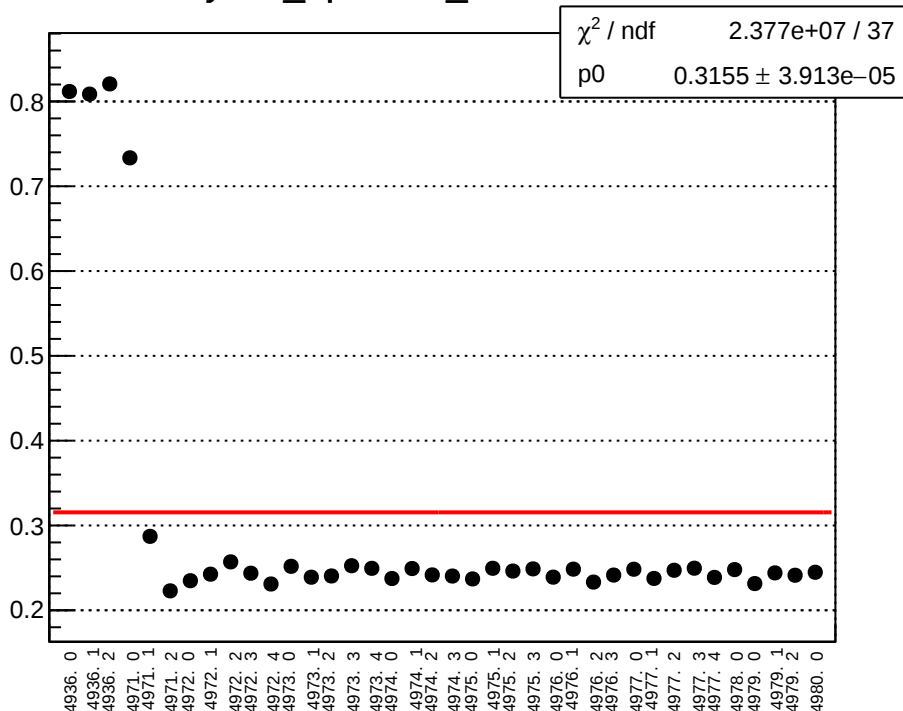
# yield\_bpm1Y\_mean vs run



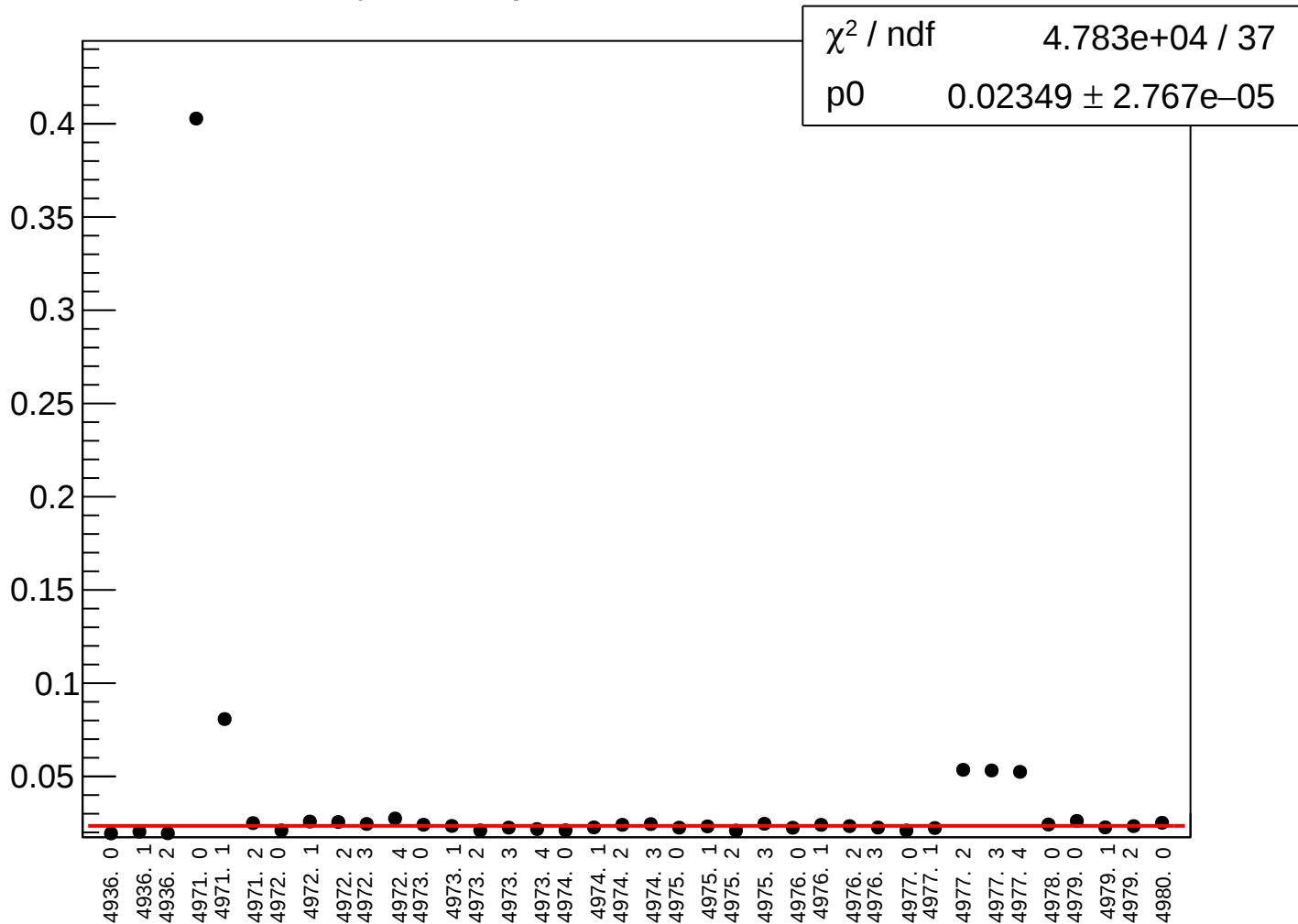
# yield\_bpm1Y\_rms vs run



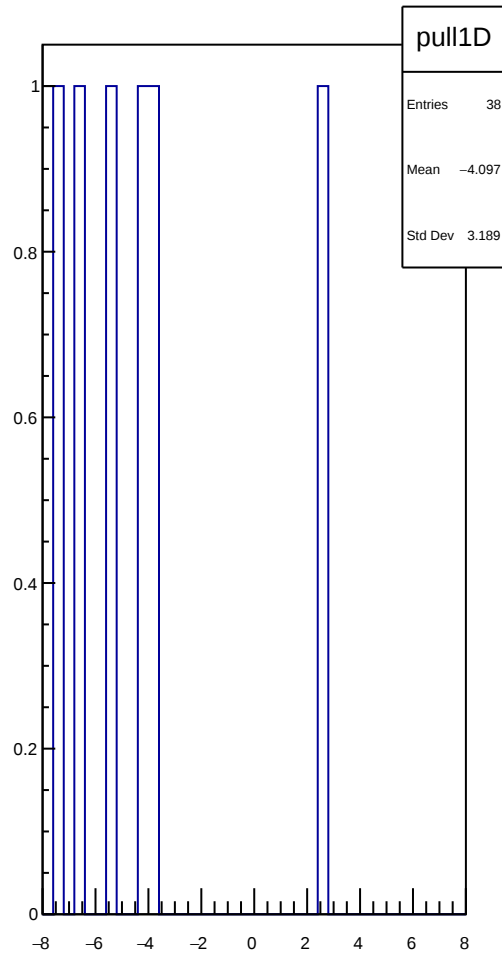
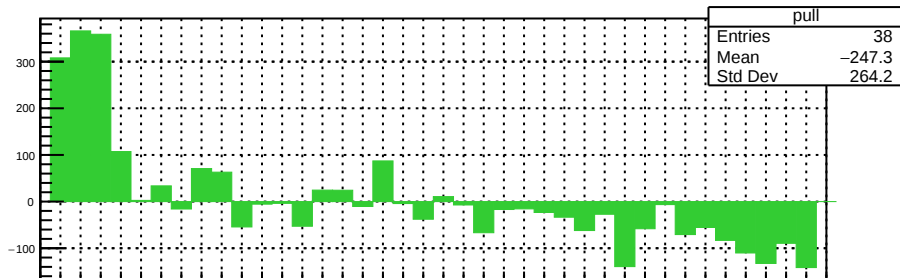
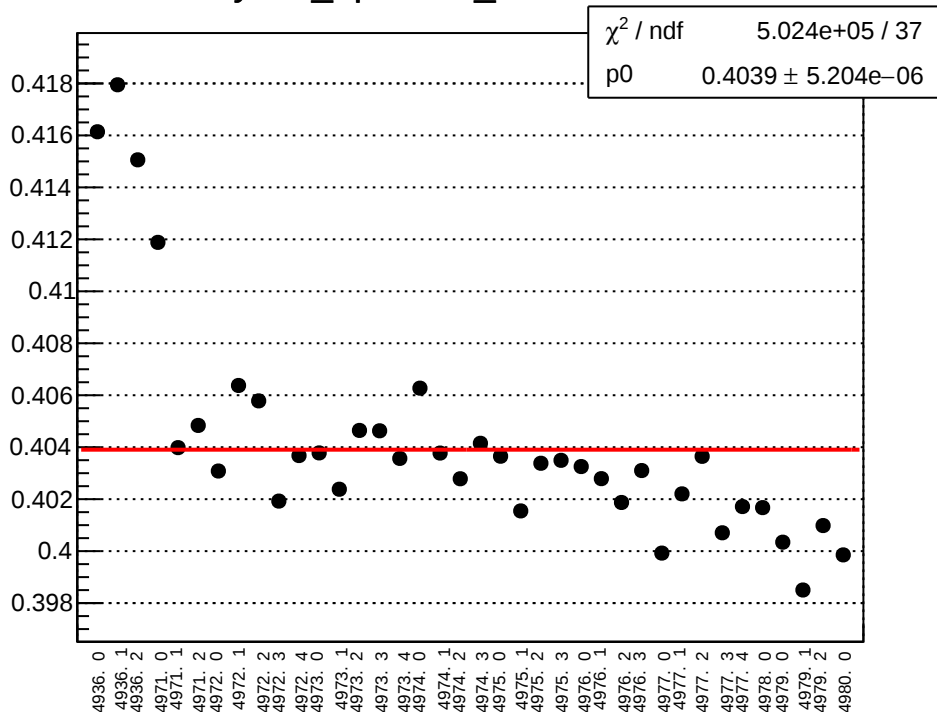
# yield\_bpm11X\_mean vs run



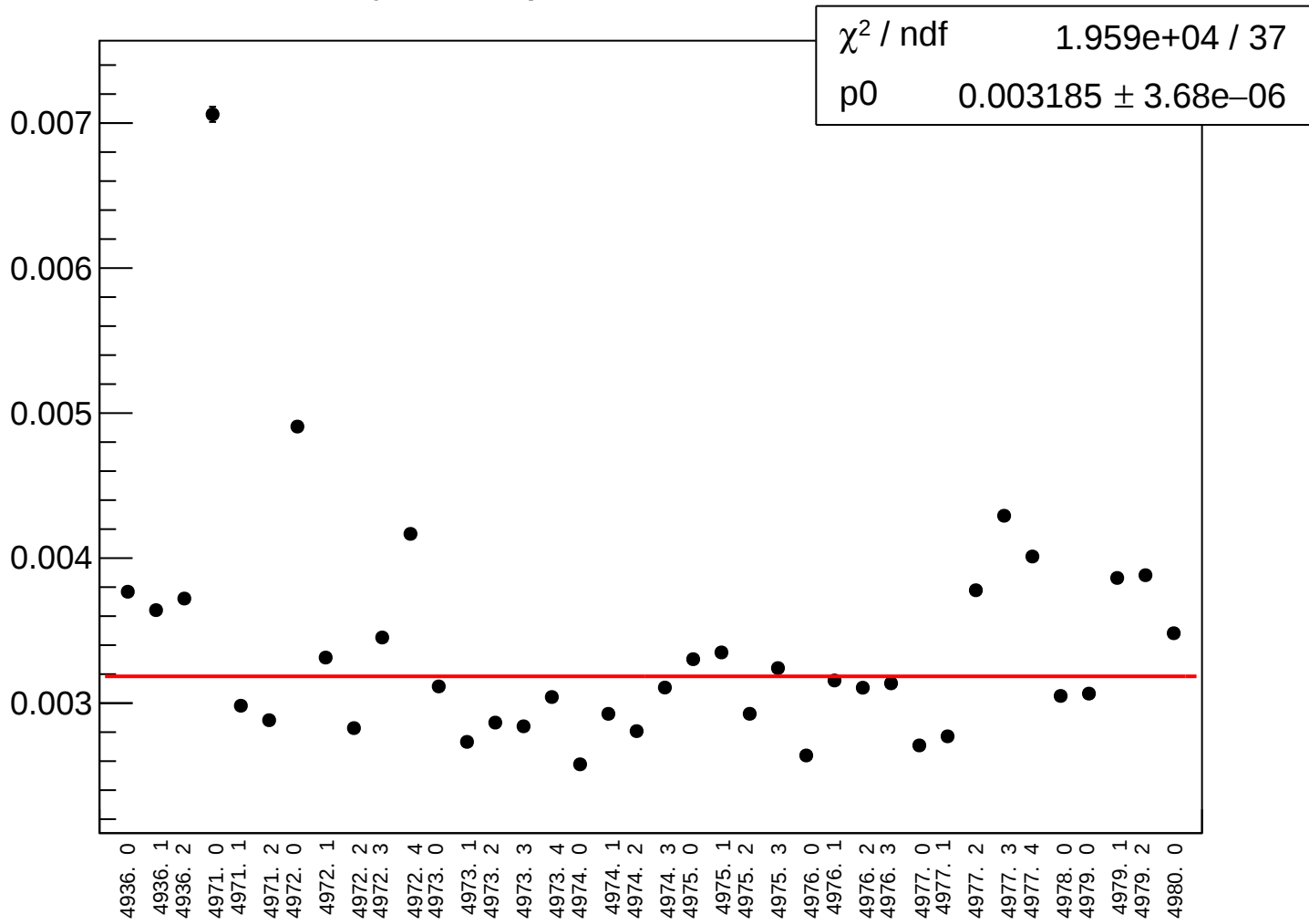
# yield\_bpm11X\_rms vs run



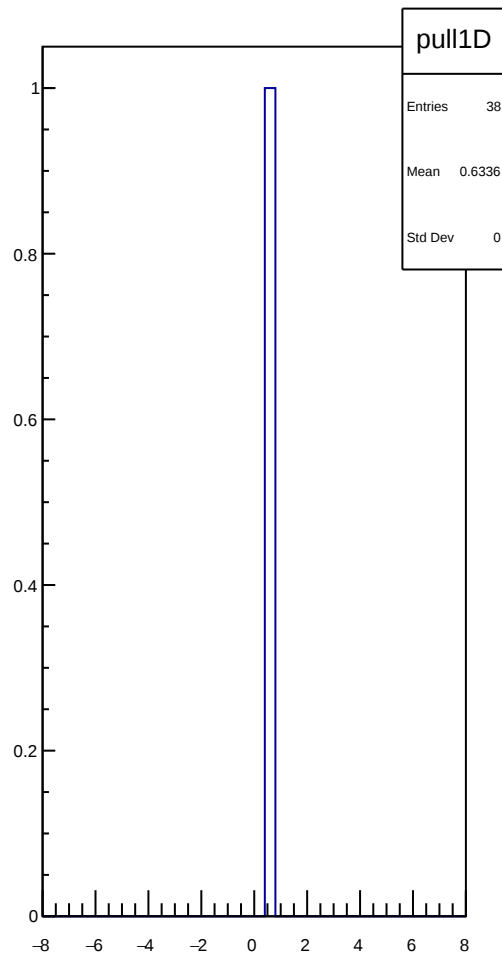
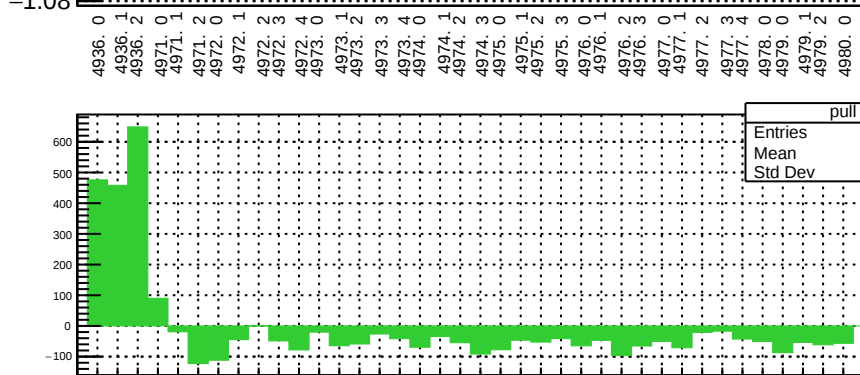
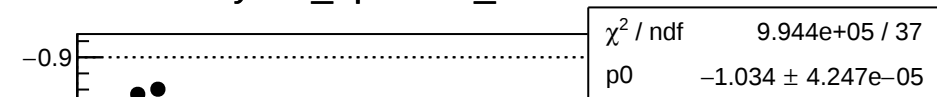
# yield\_bpm11Y\_mean vs run



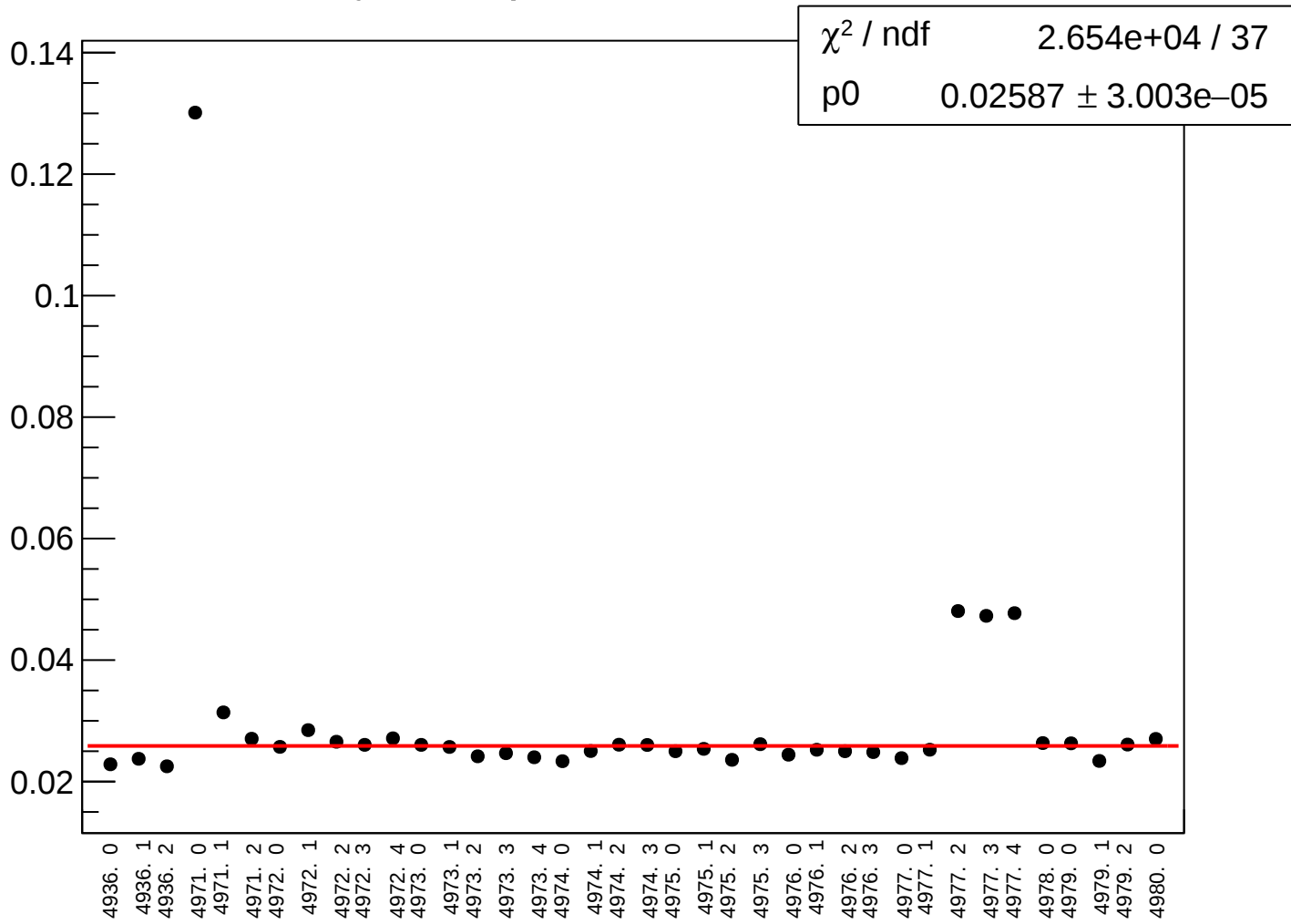
# yield\_bpm11Y\_rms vs run



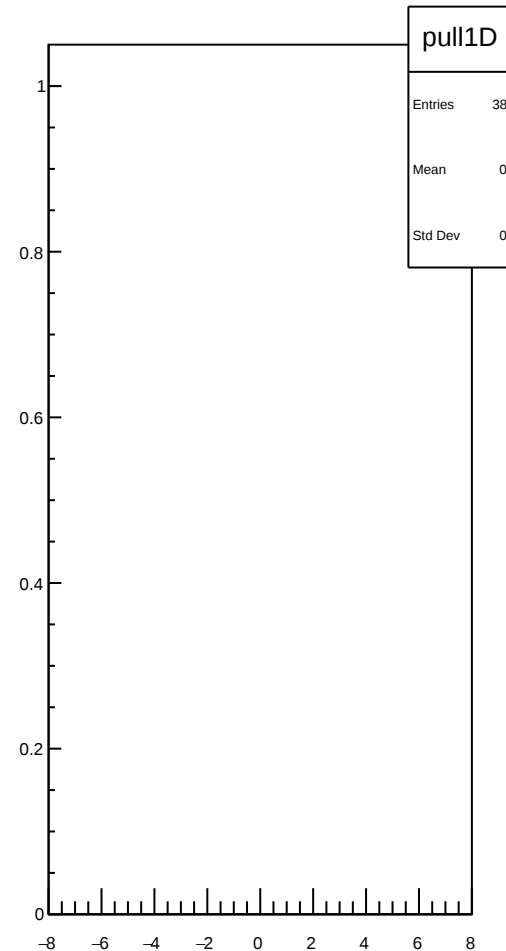
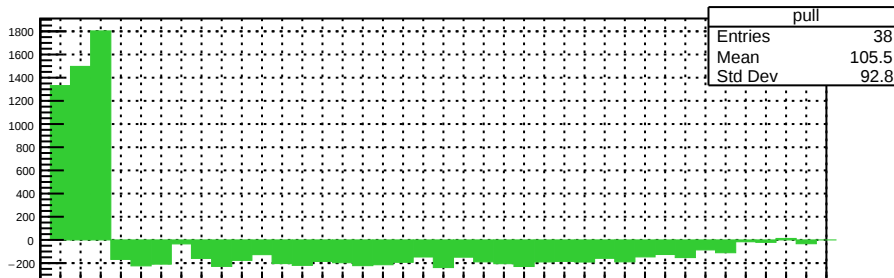
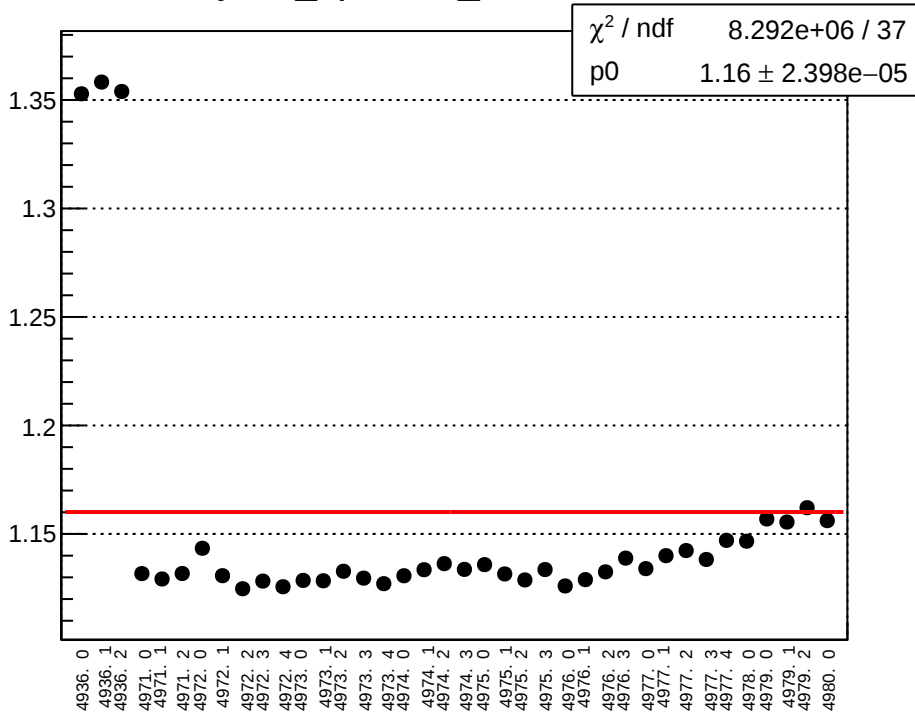
# yield\_bpm12X\_mean vs run



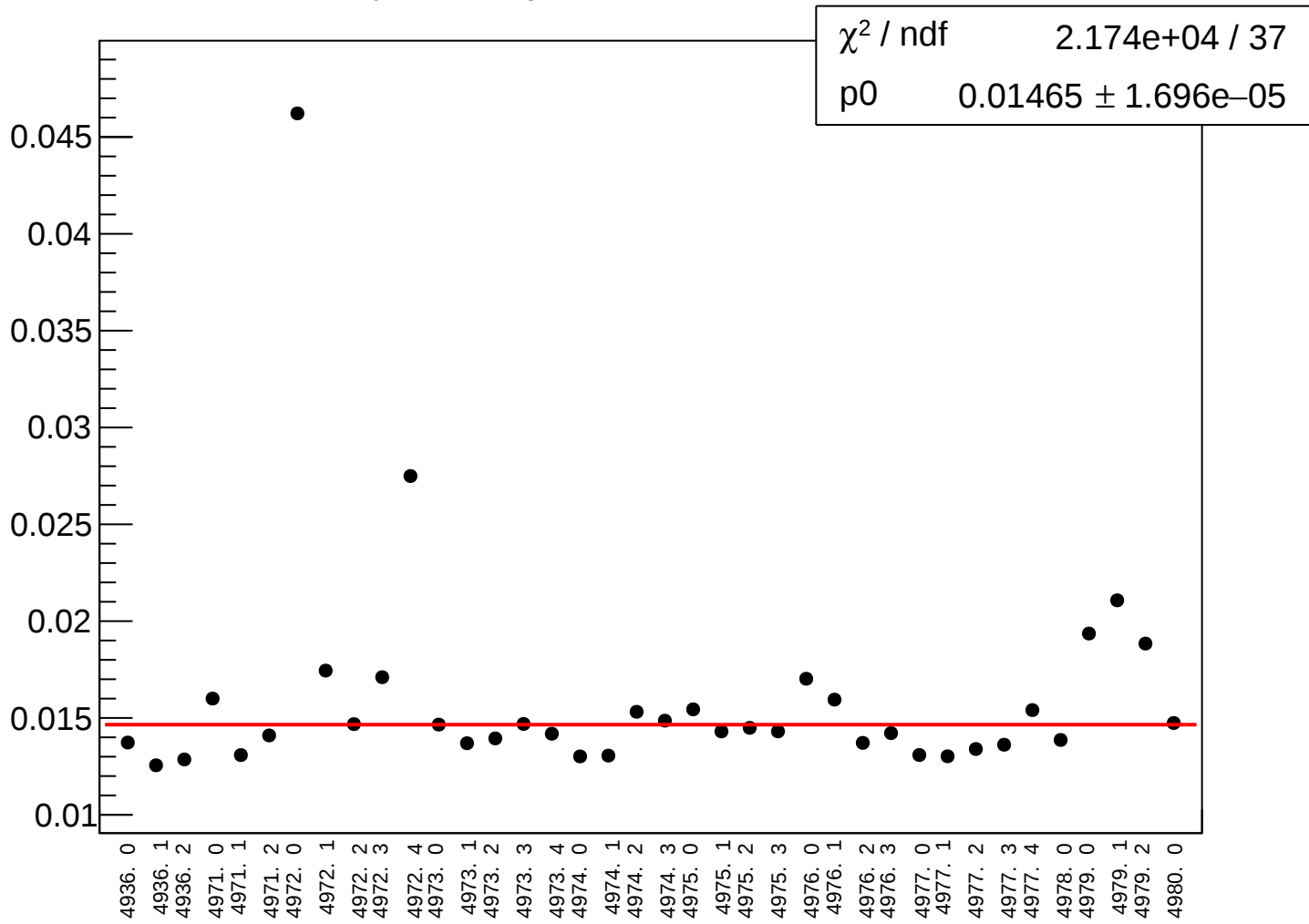
# yield\_bpm12X\_rms vs run



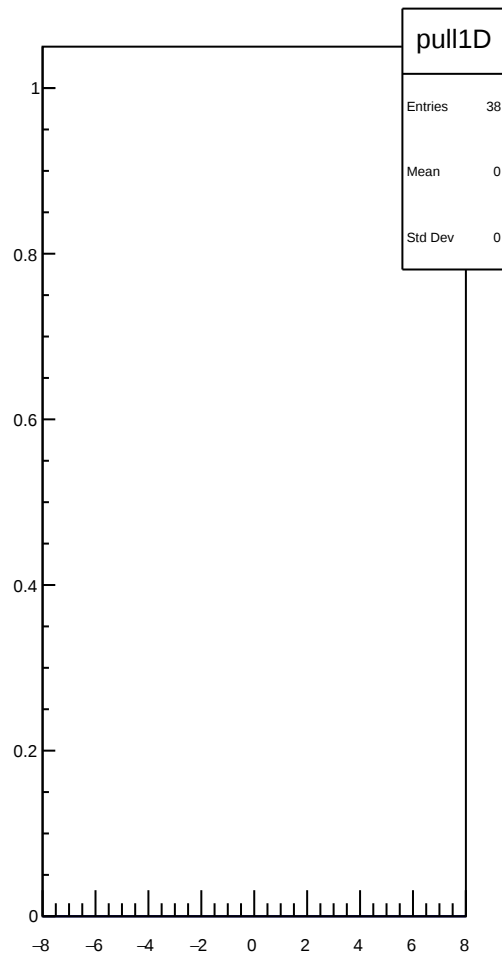
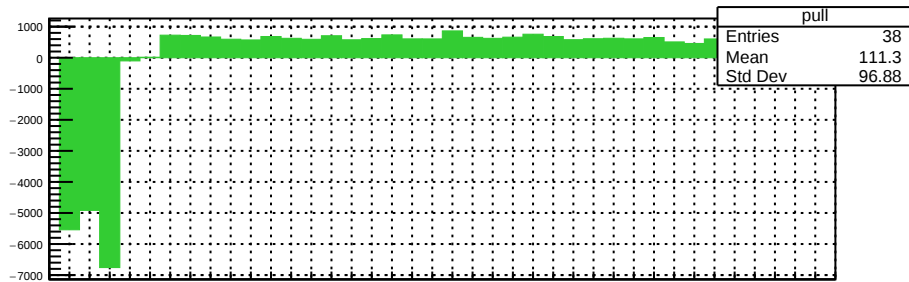
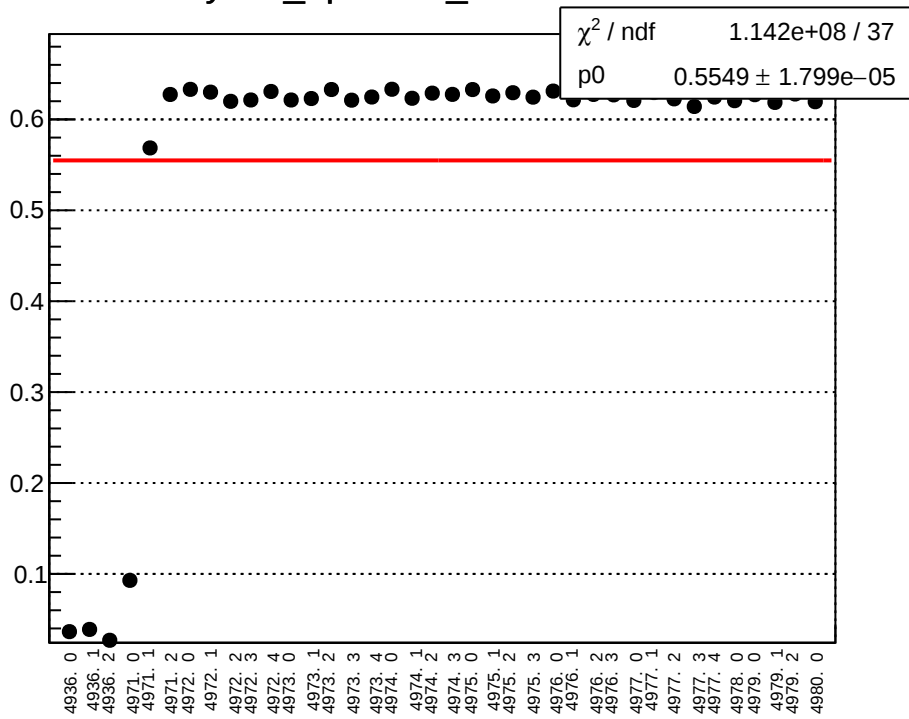
# yield\_bpm12Y\_mean vs run



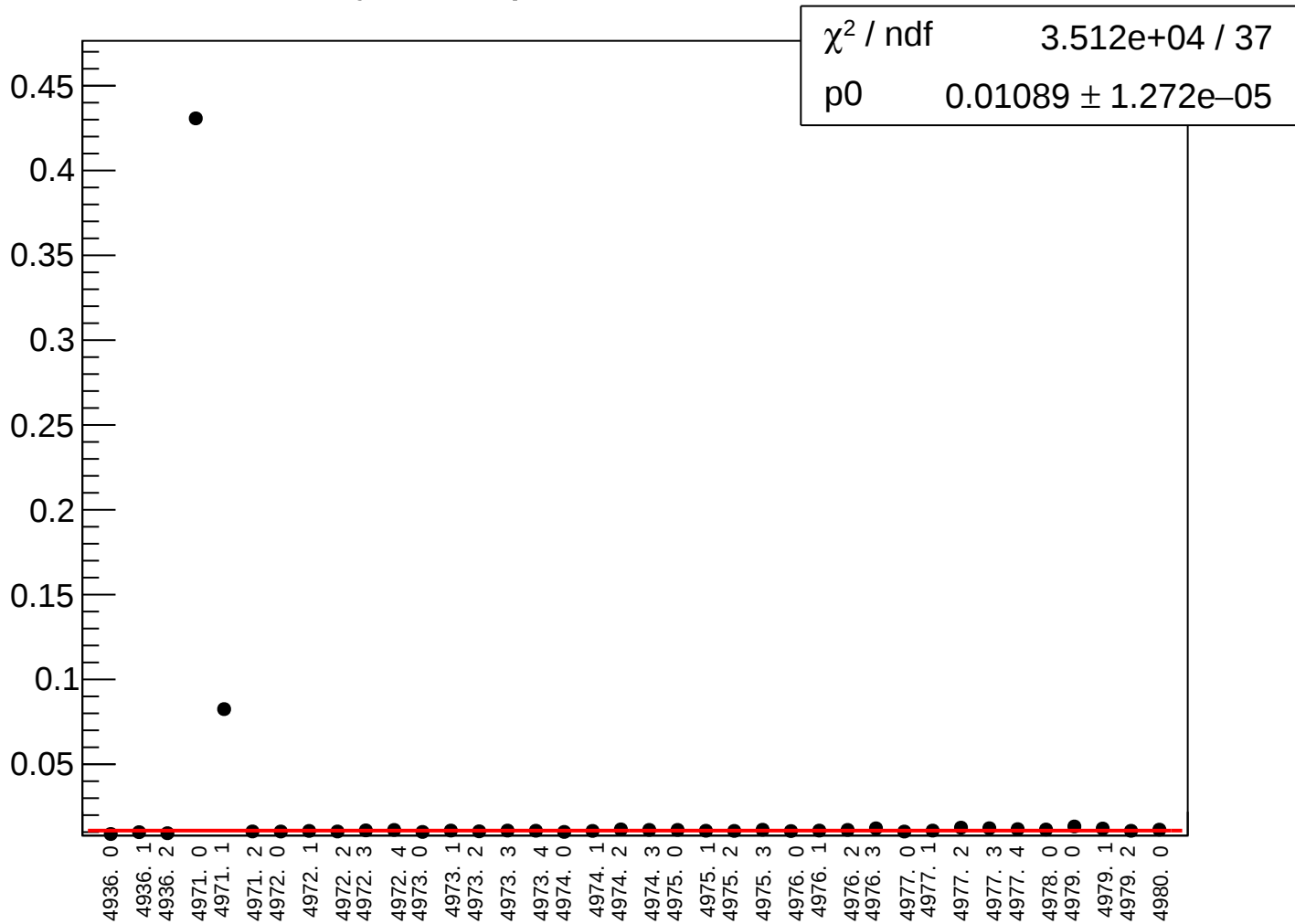
# yield\_bpm12Y\_rms vs run



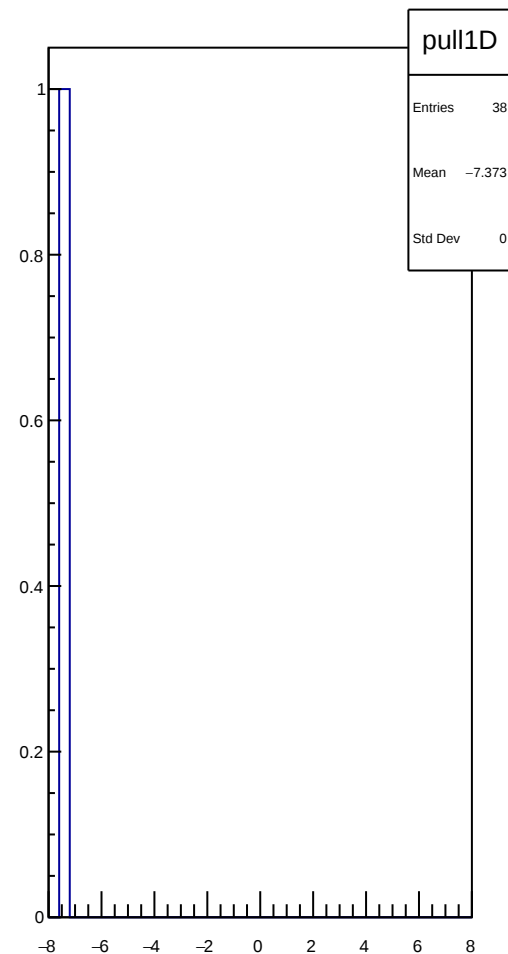
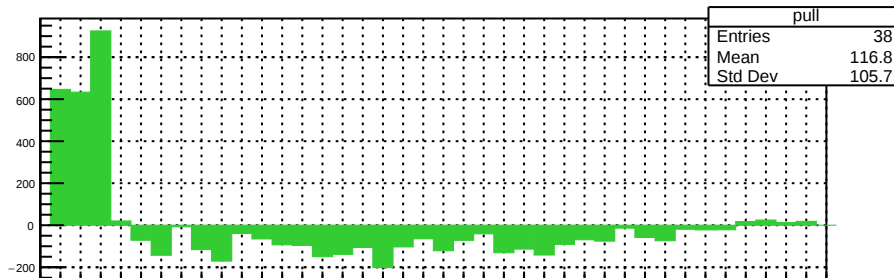
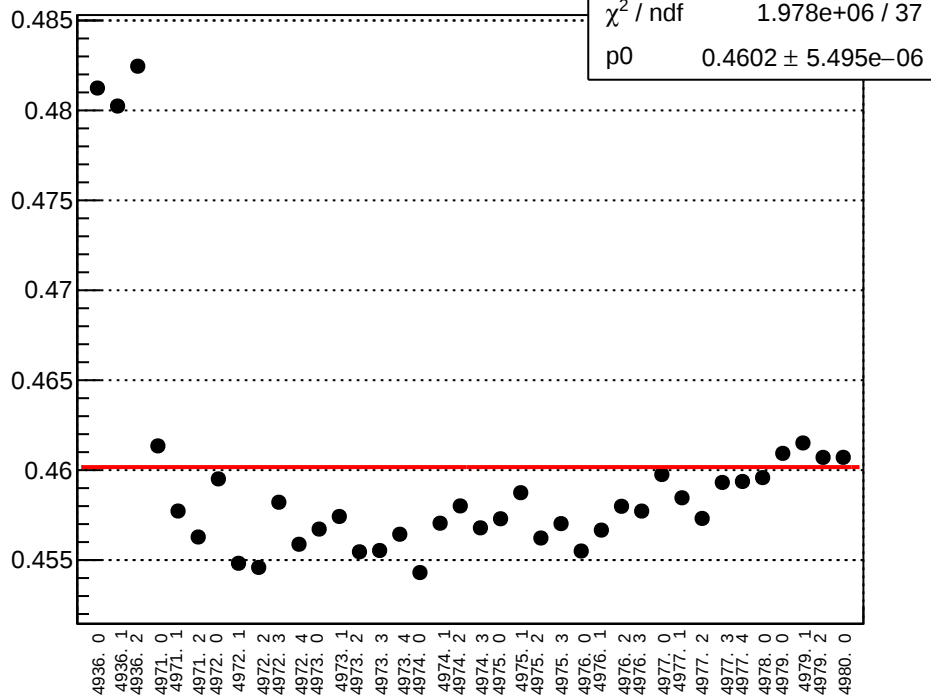
# yield\_bpm16X\_mean vs run



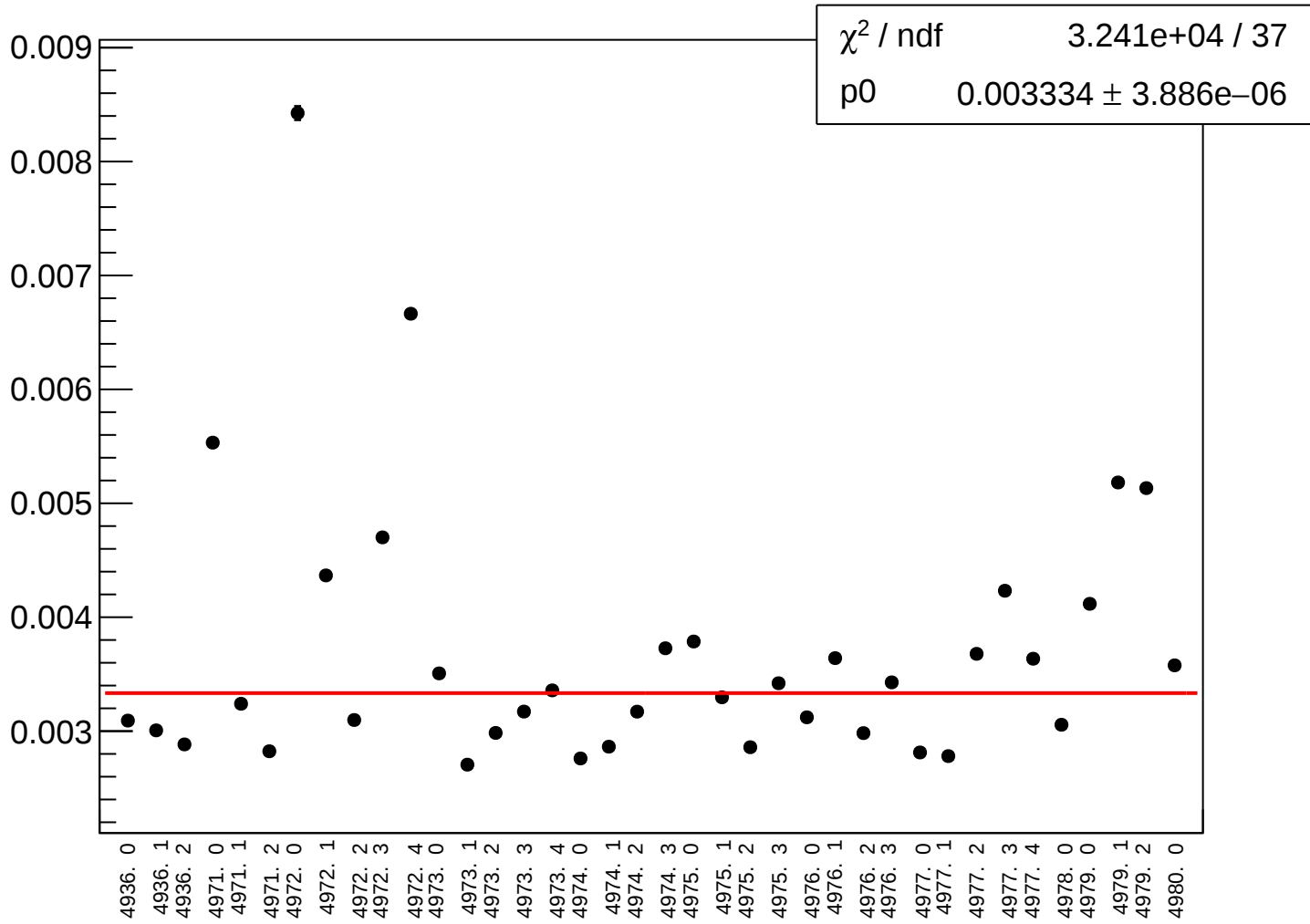
# yield\_bpm16X\_rms vs run



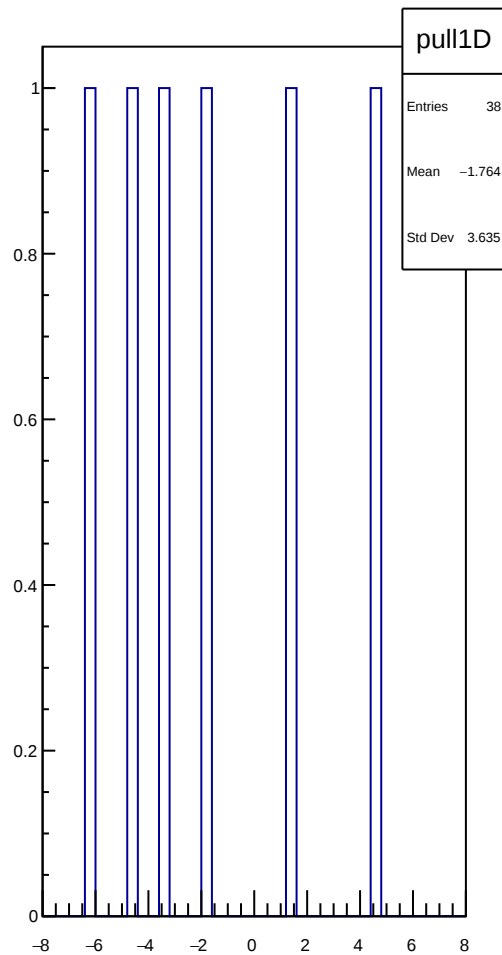
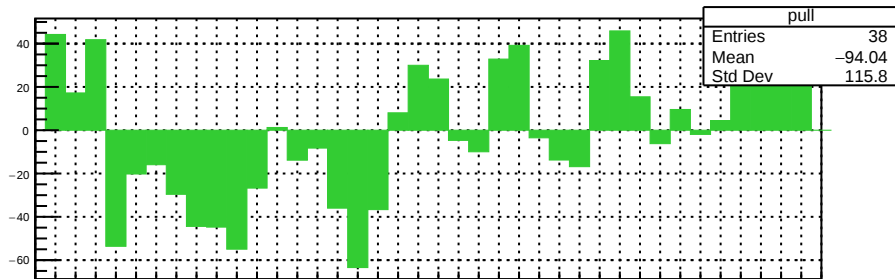
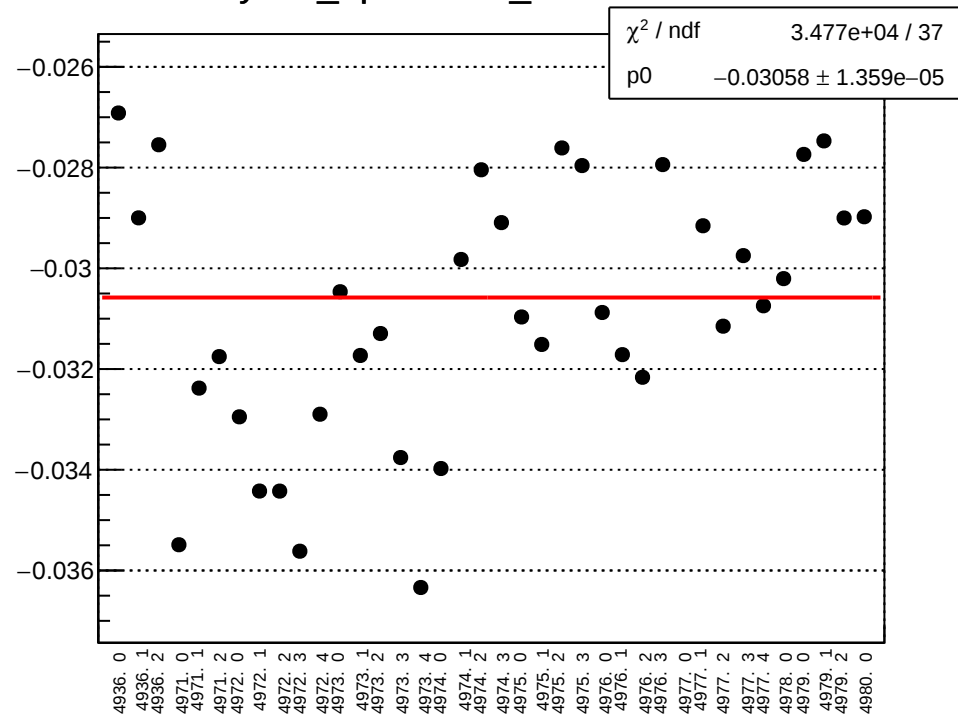
# yield\_bpm16Y\_mean vs run



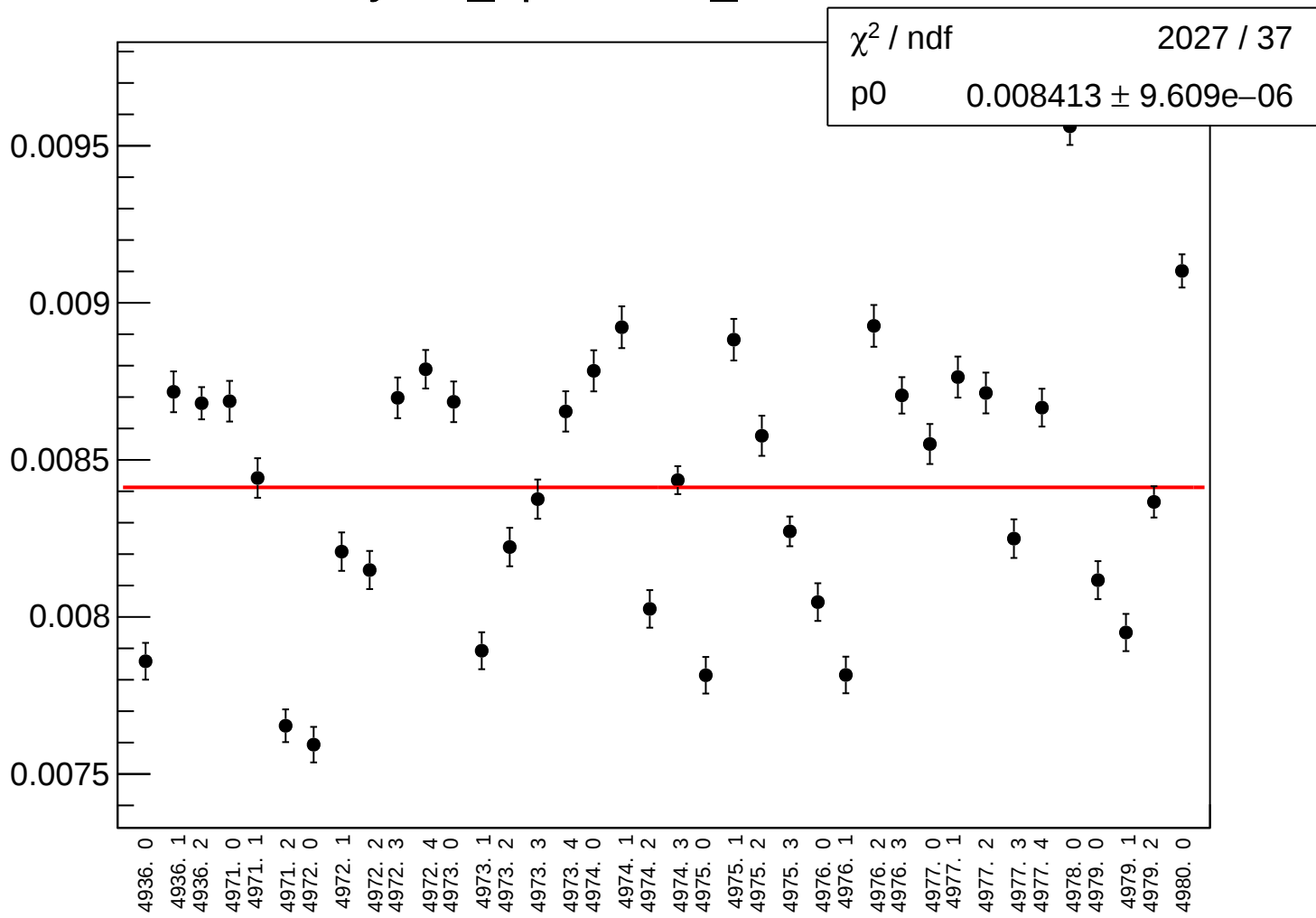
# yield\_bpm16Y\_rms vs run



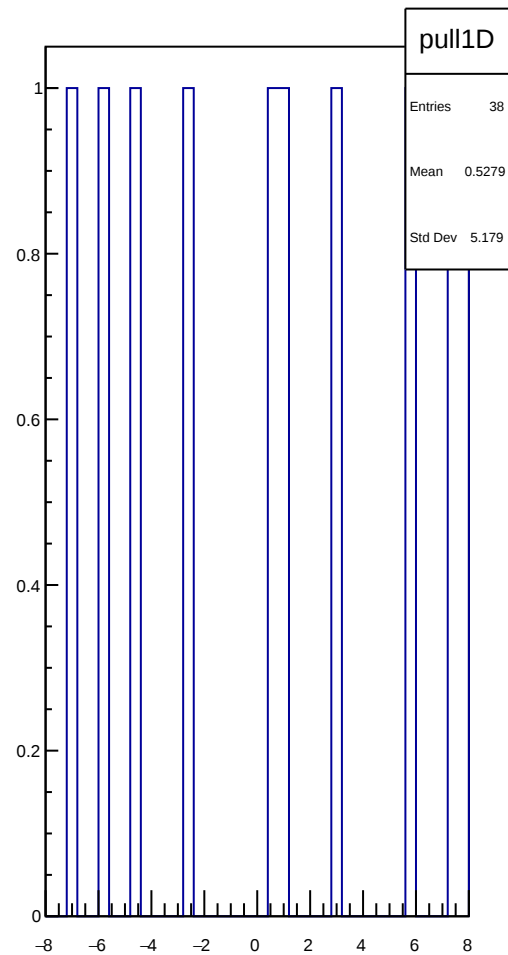
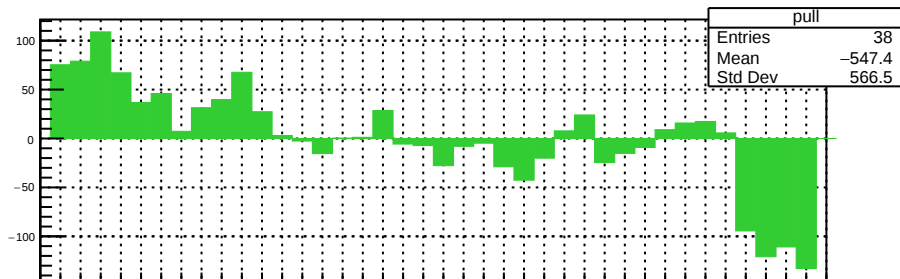
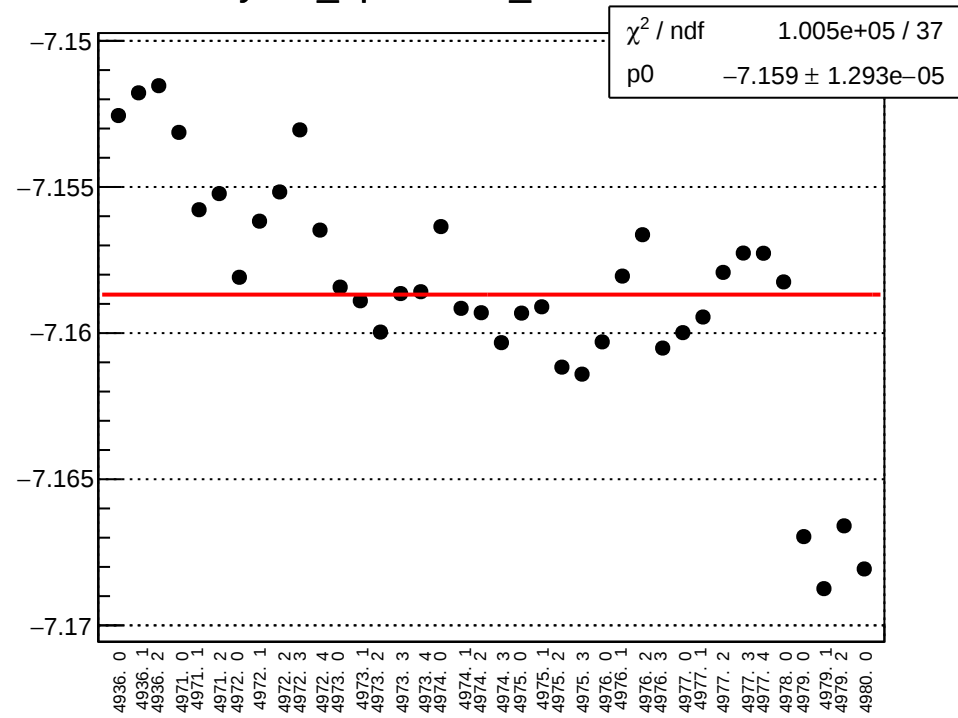
# yield\_bpm2i01X\_mean vs run



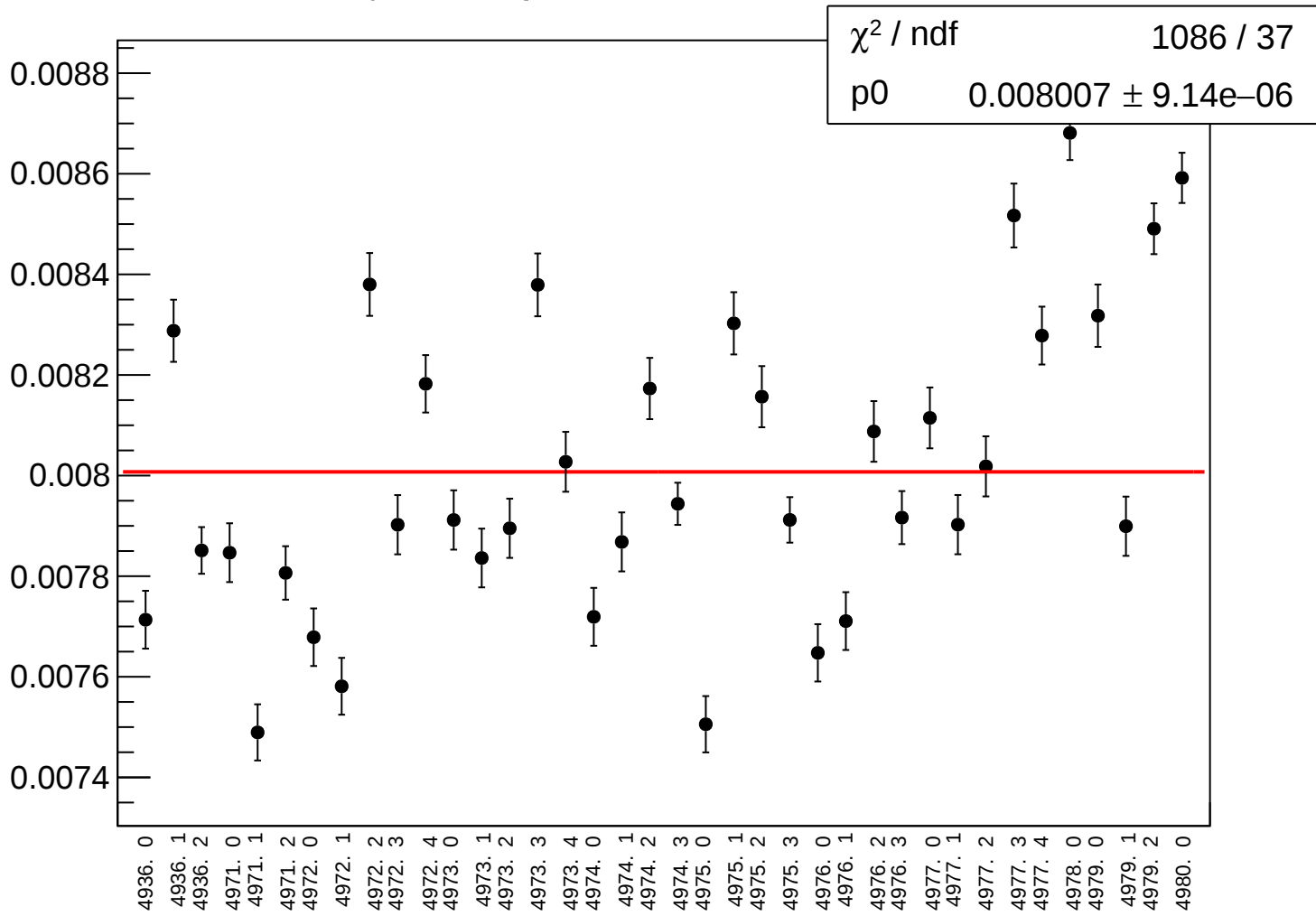
# yield\_bpm2i01X\_rms vs run



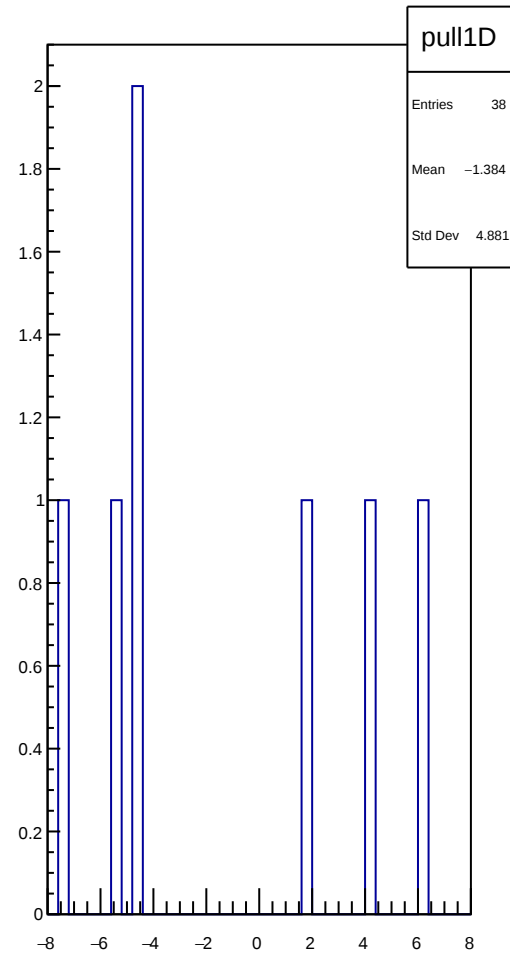
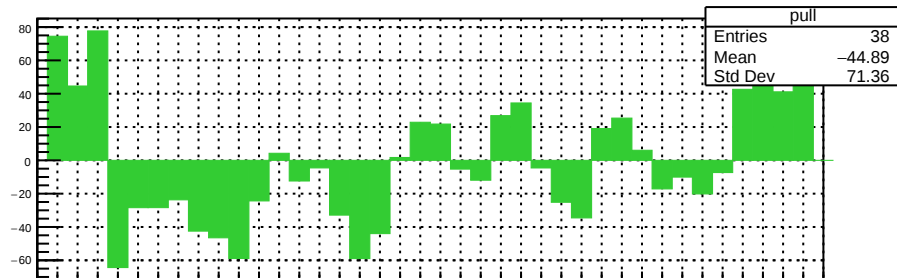
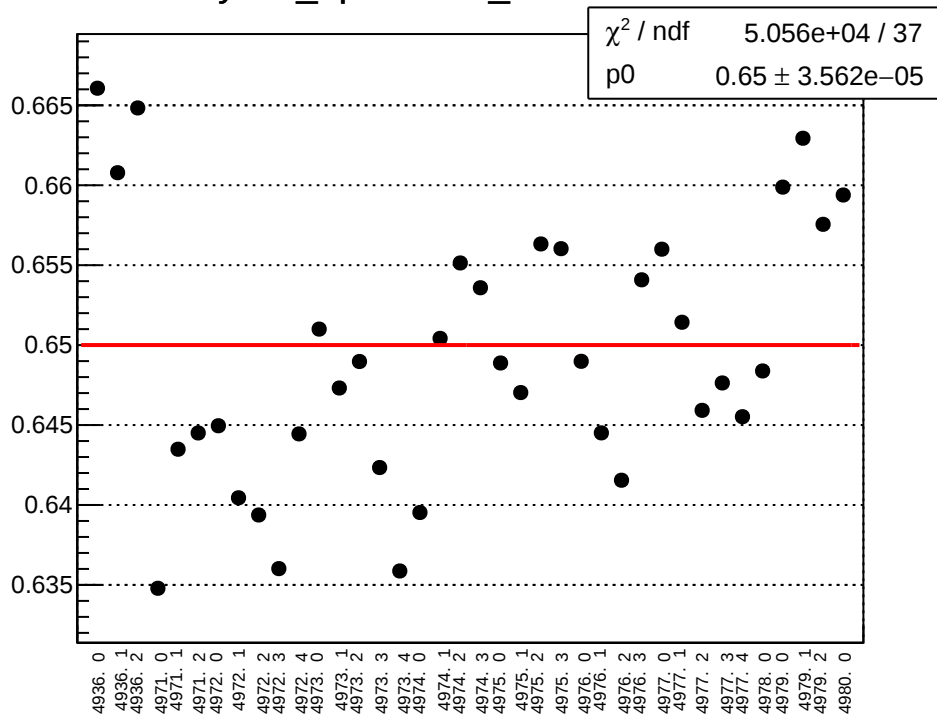
# yield\_bpm2i01Y\_mean vs run



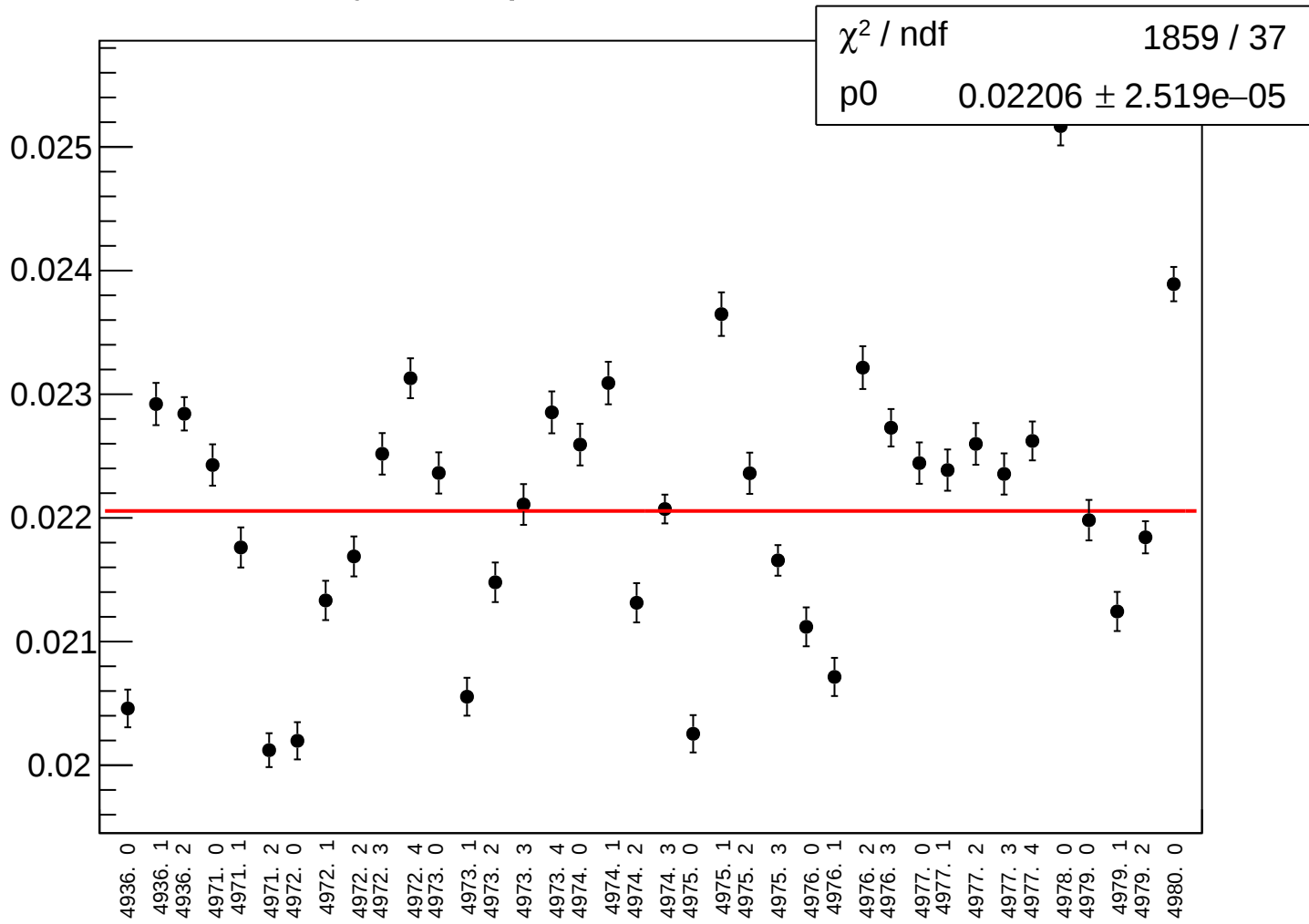
# yield\_bpm2i01Y\_rms vs run



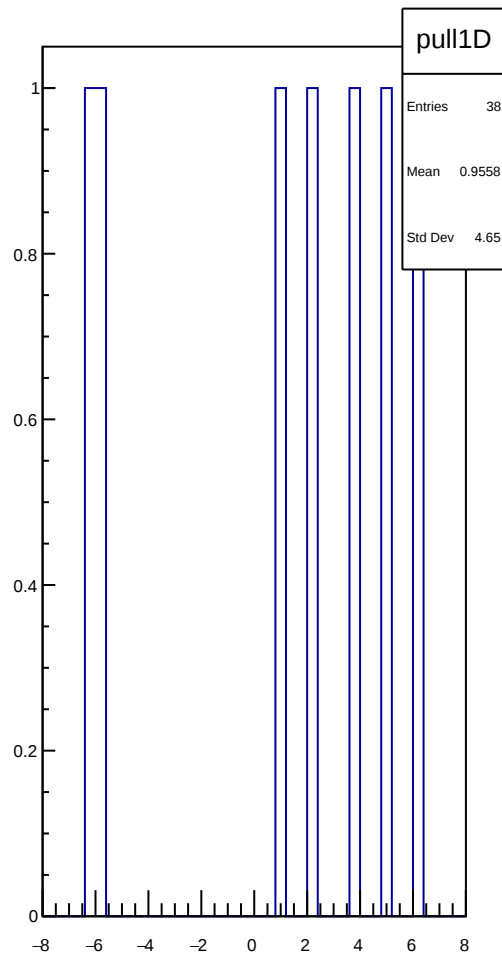
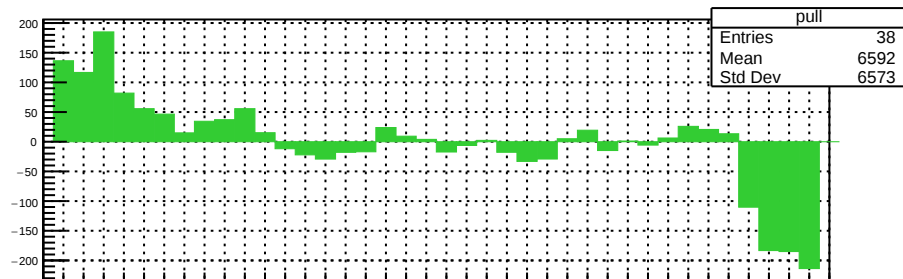
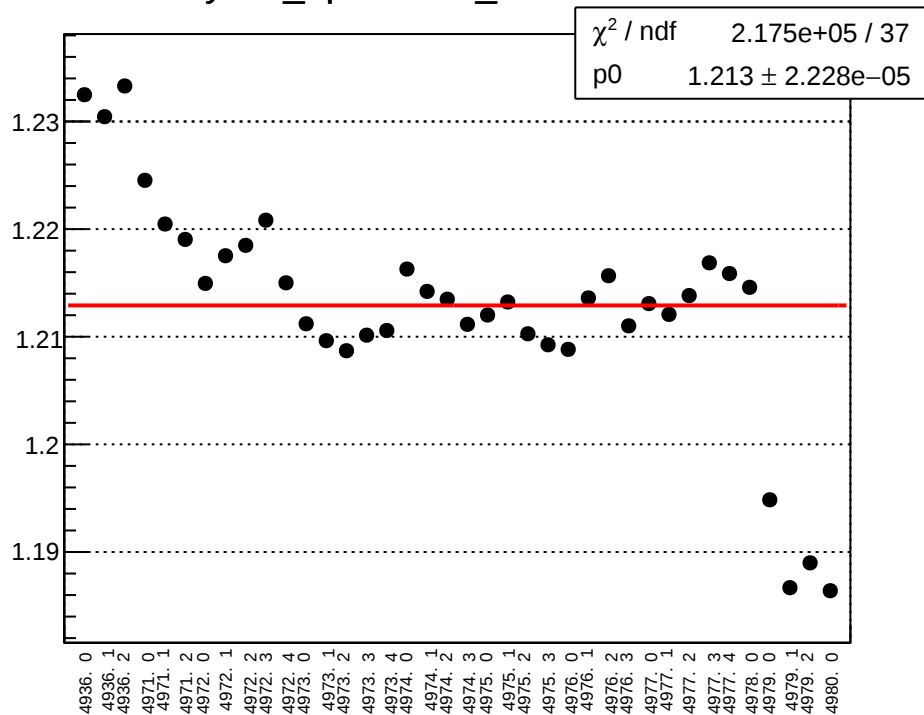
# yield\_bpm2i02X\_mean vs run



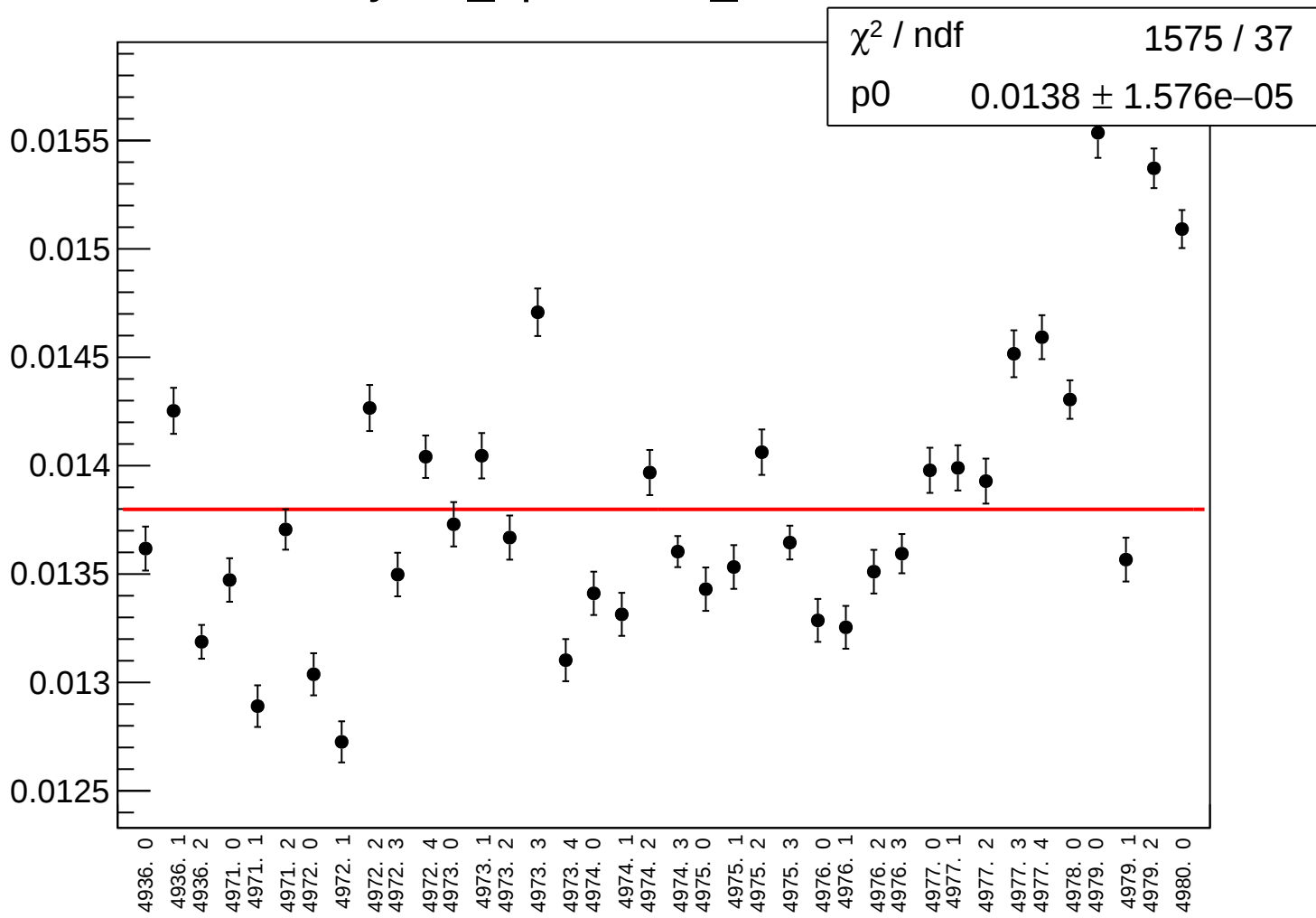
# yield\_bpm2i02X\_rms vs run



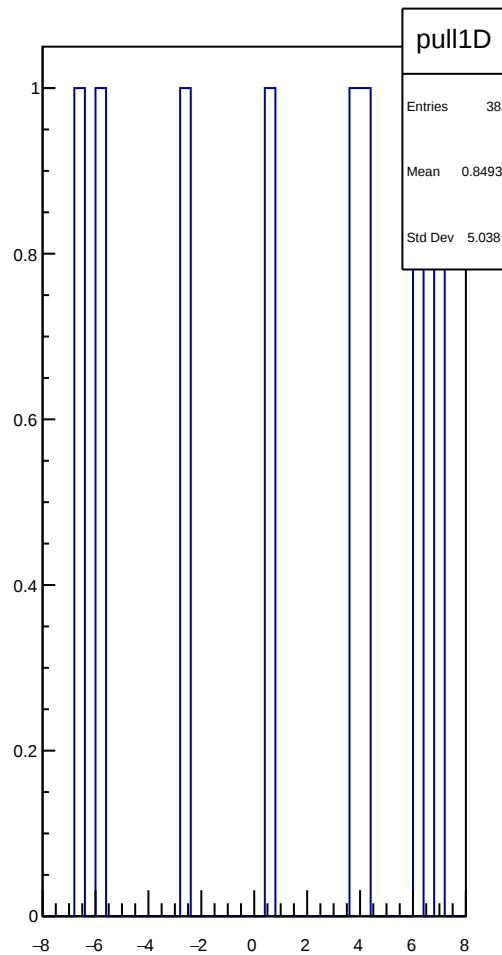
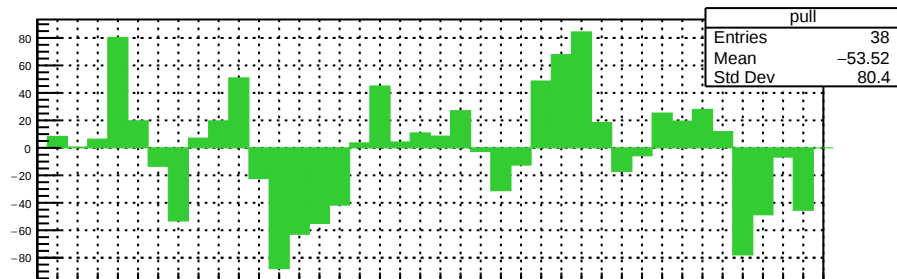
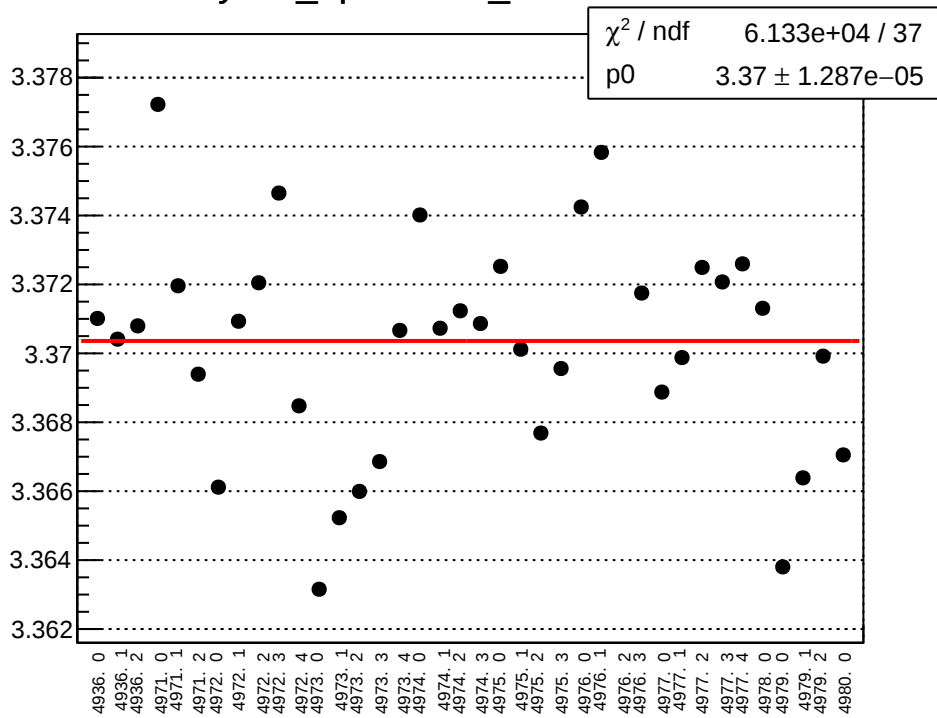
# yield\_bpm2i02Y\_mean vs run



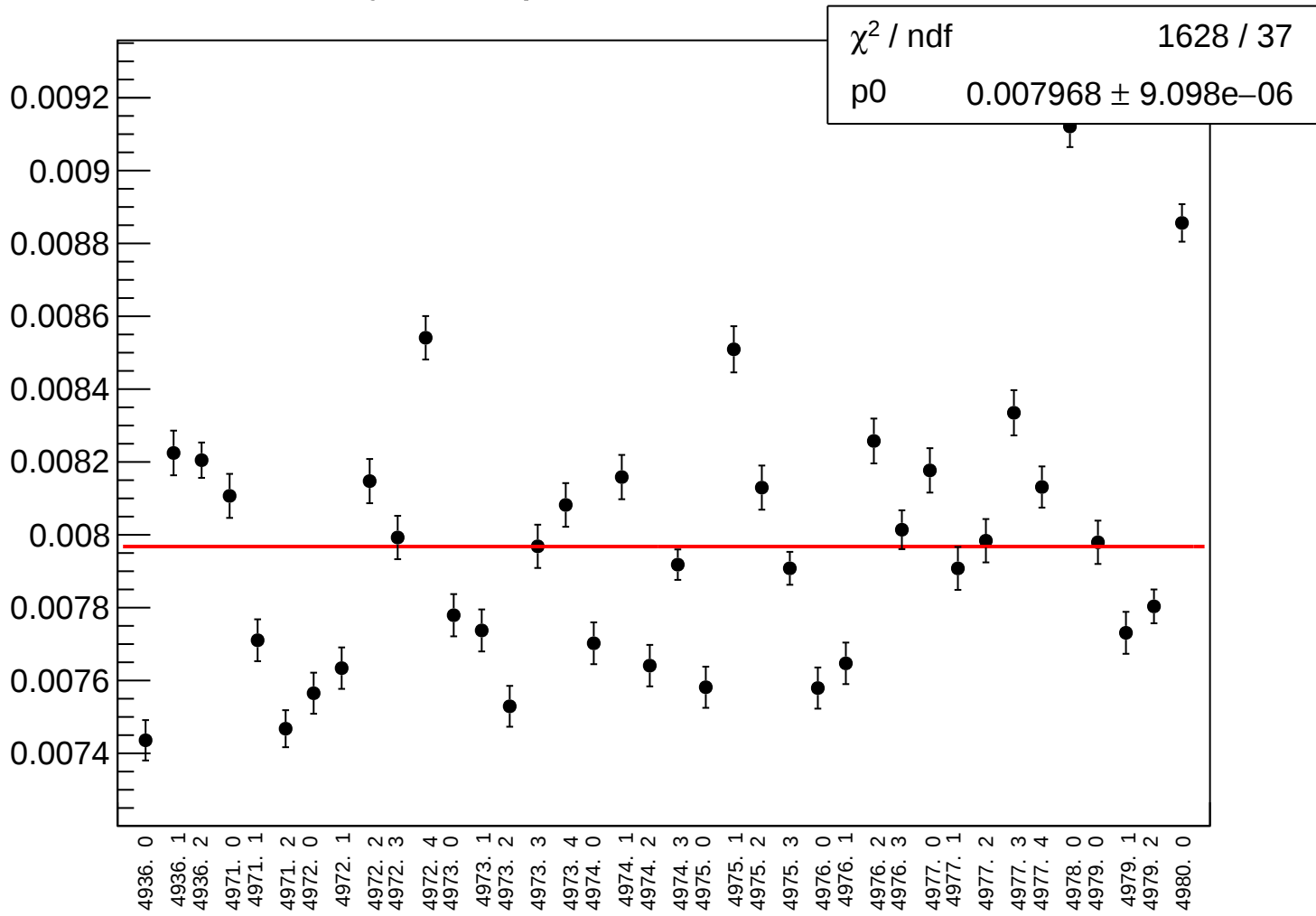
# yield\_bpm2i02Y\_rms vs run



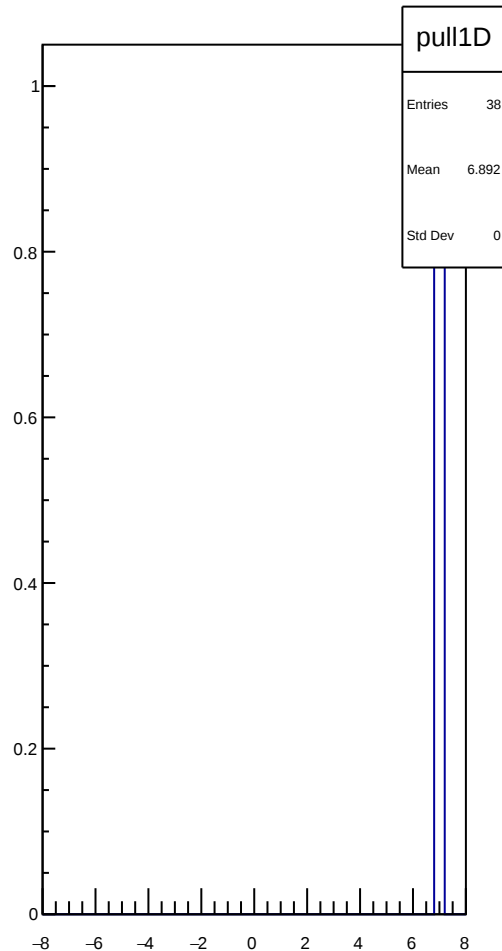
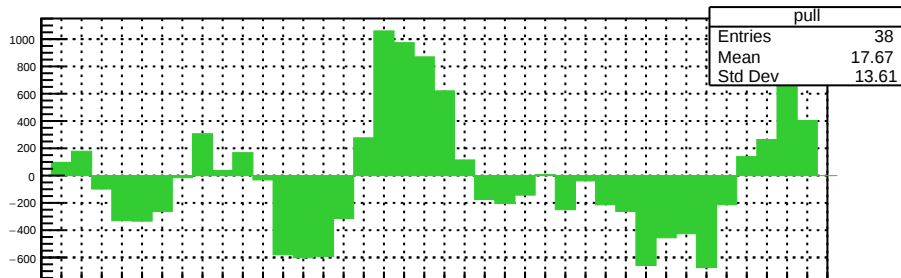
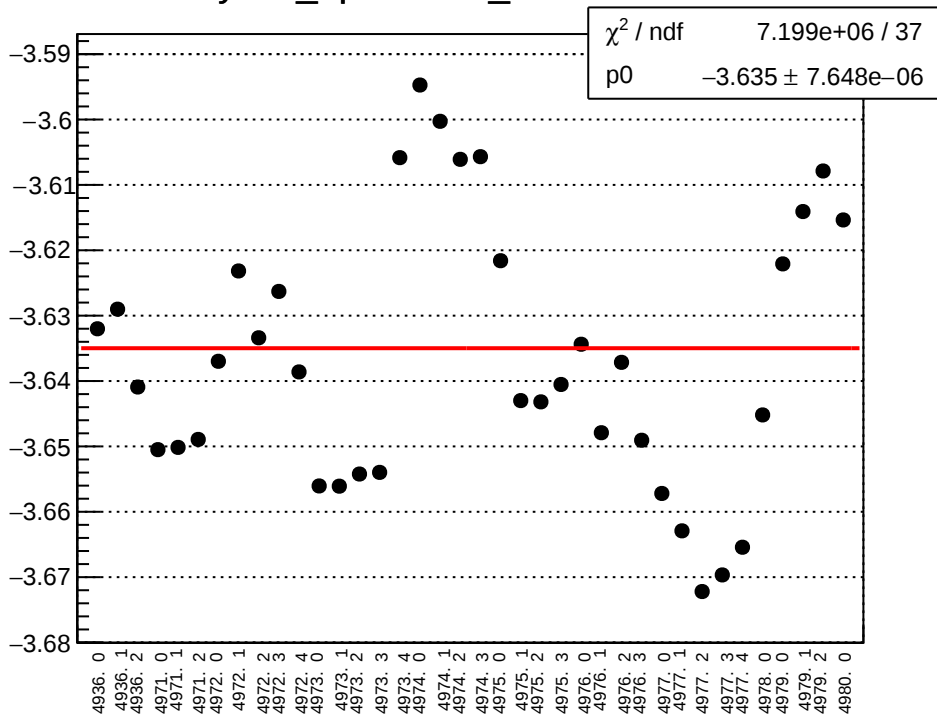
# yield\_bpm1i04X\_mean vs run



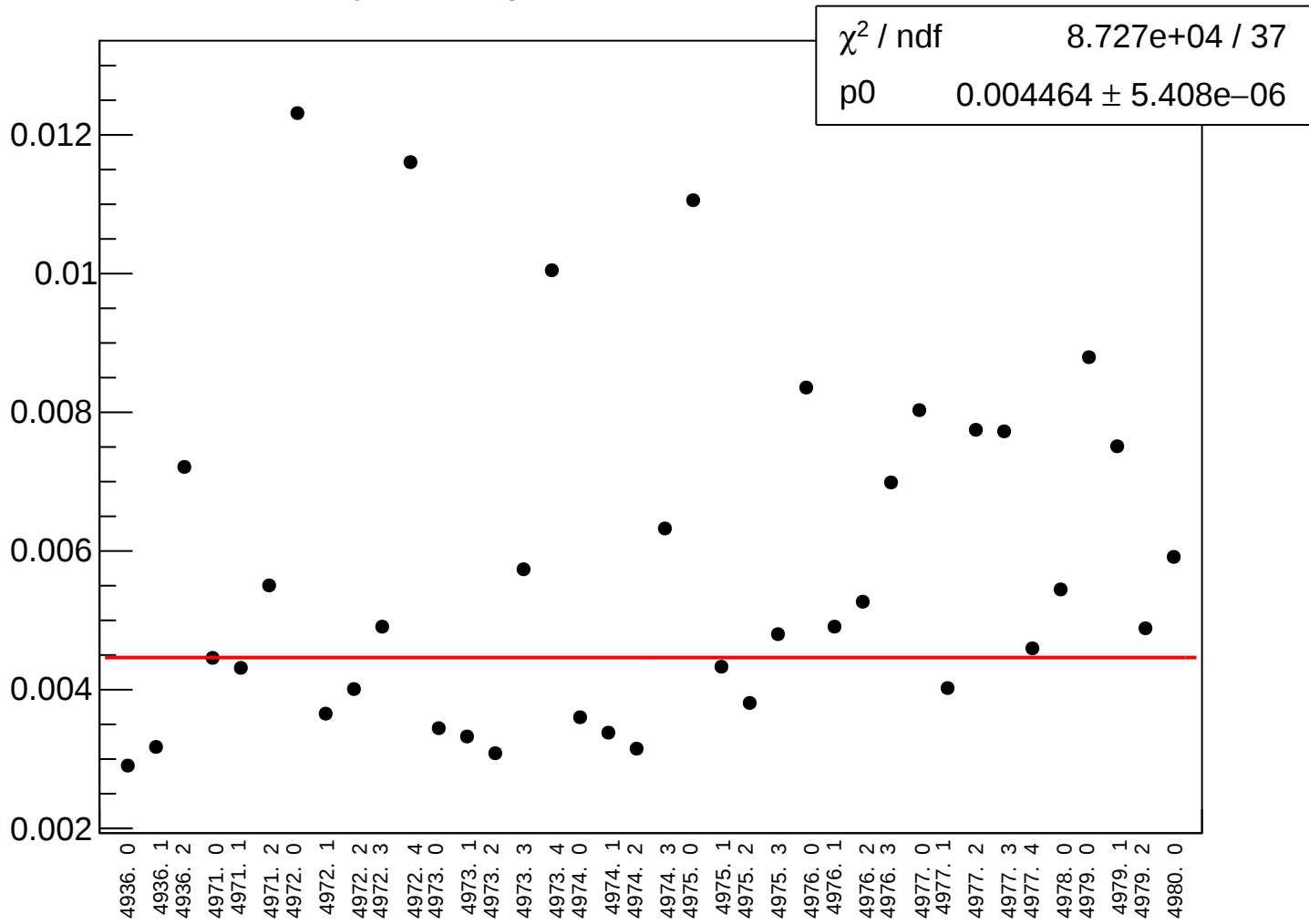
# yield\_bpm1i04X\_rms vs run



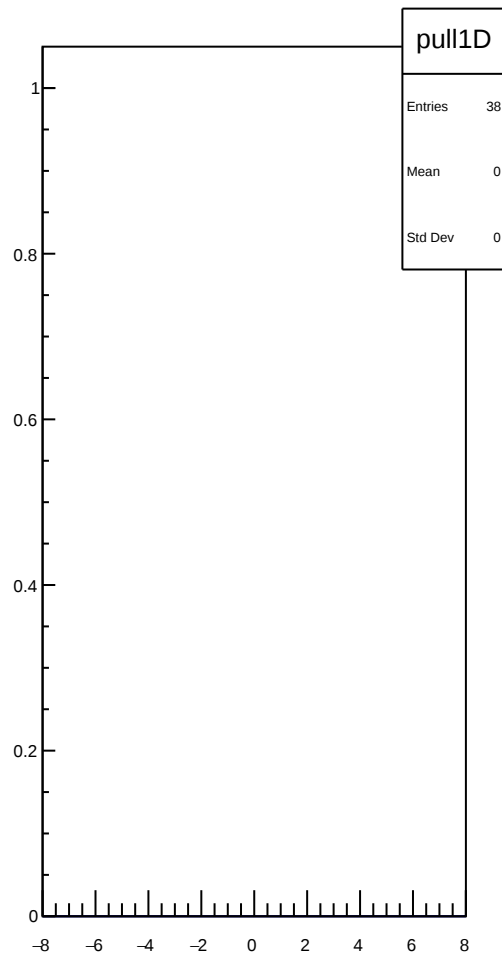
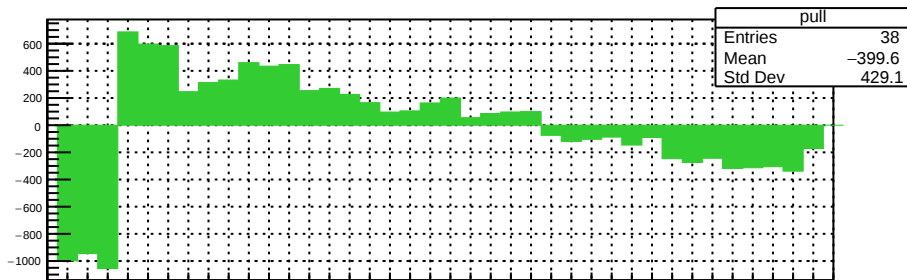
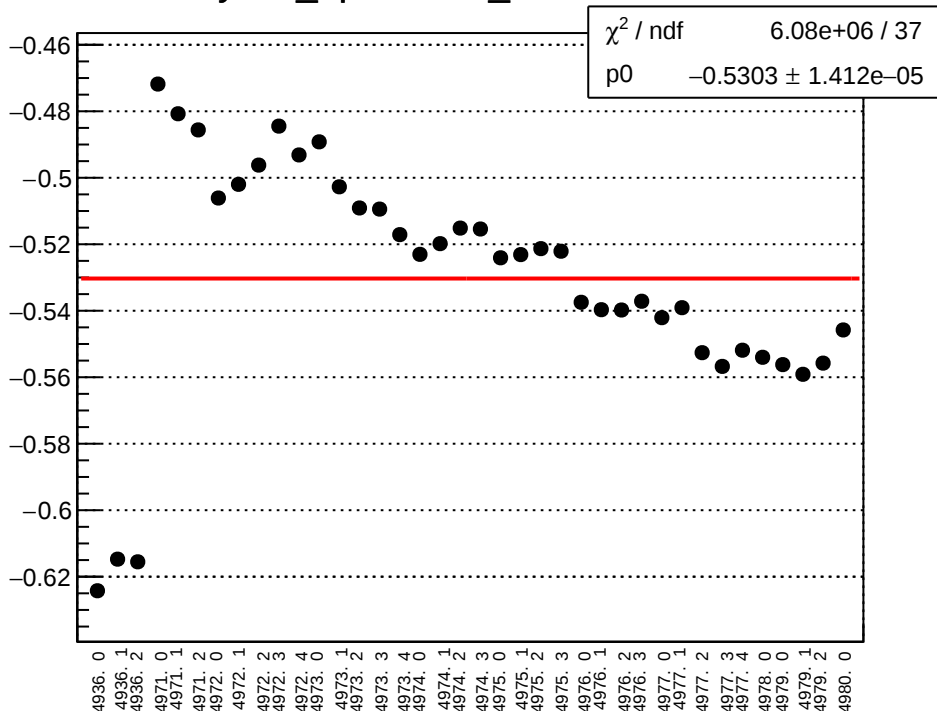
# yield\_bpm1i04Y\_mean vs run



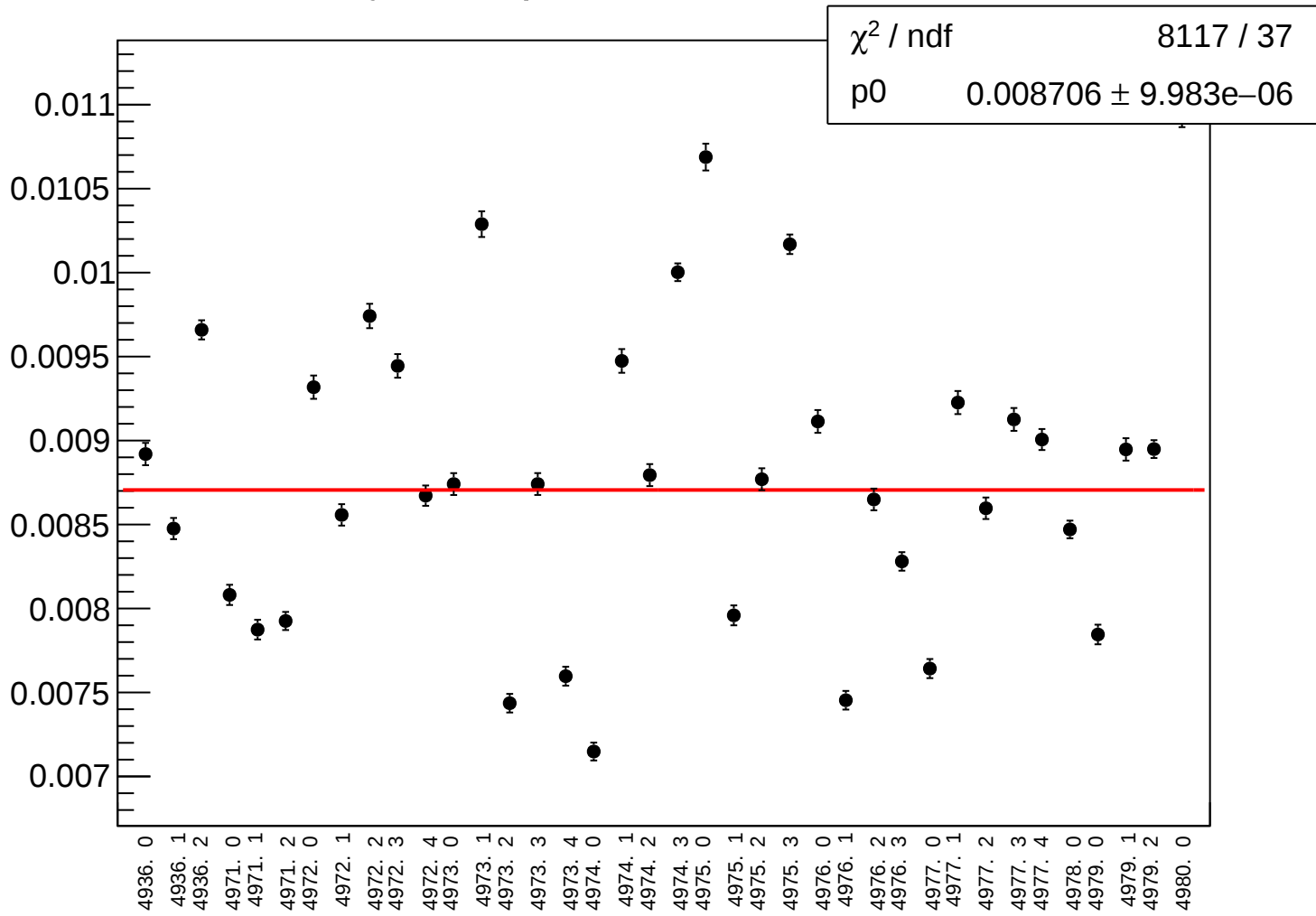
# yield\_bpm1i04Y\_rms vs run



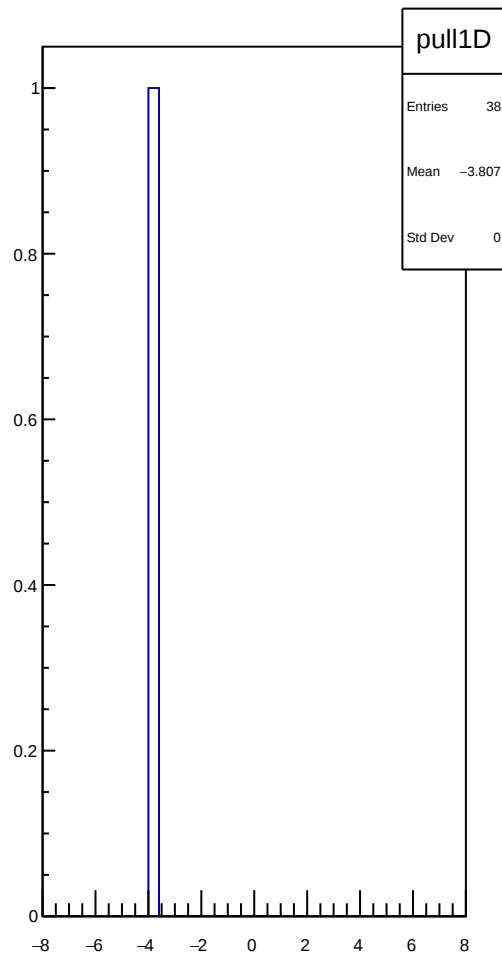
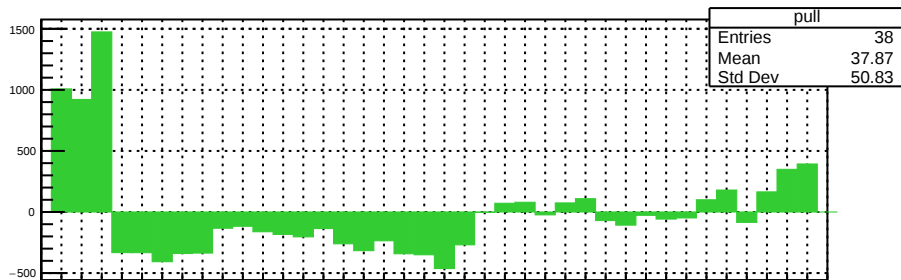
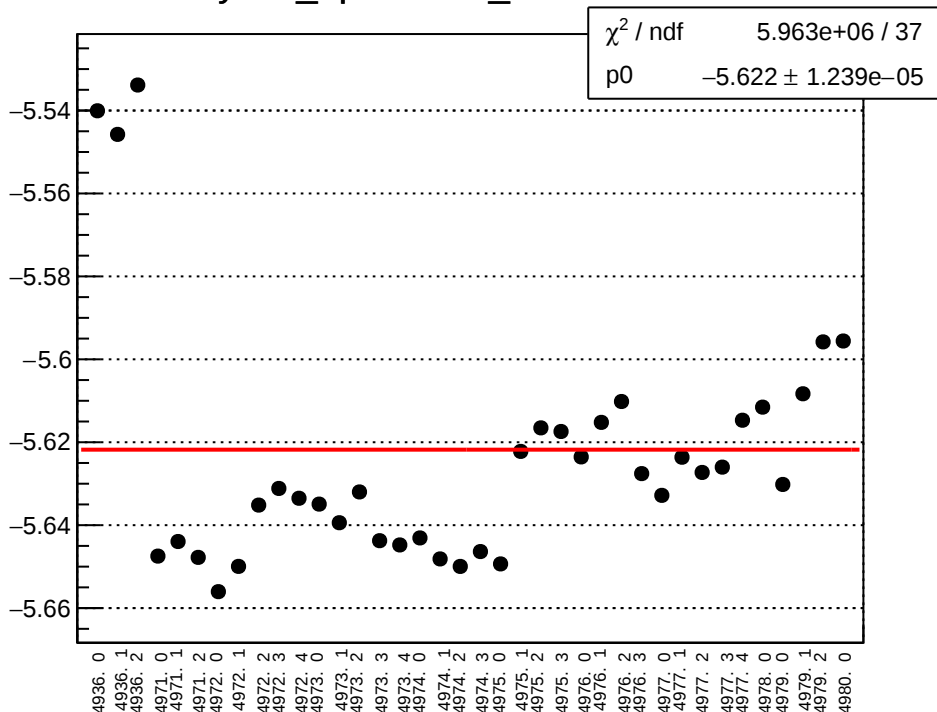
# yield\_bpm0l01X\_mean vs run



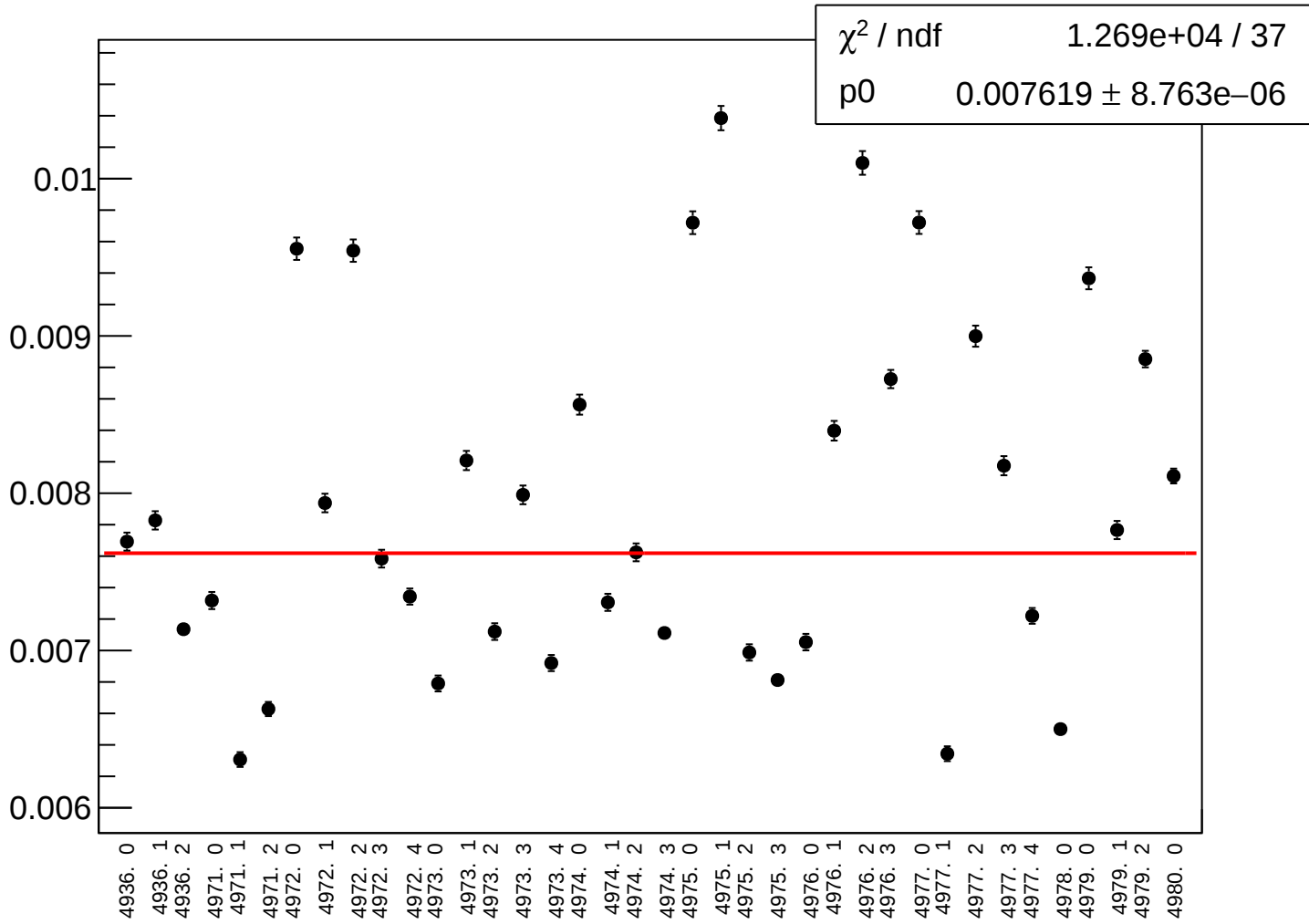
# yield\_bpm0l01X\_rms vs run



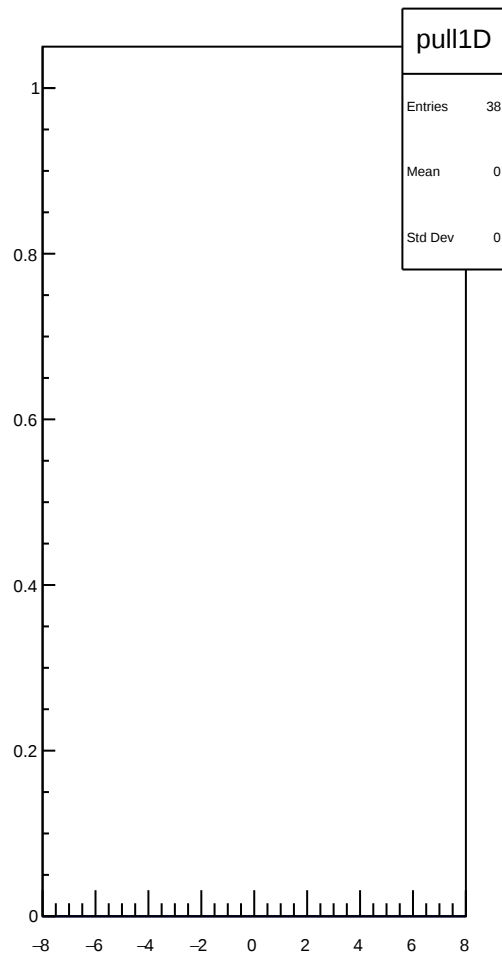
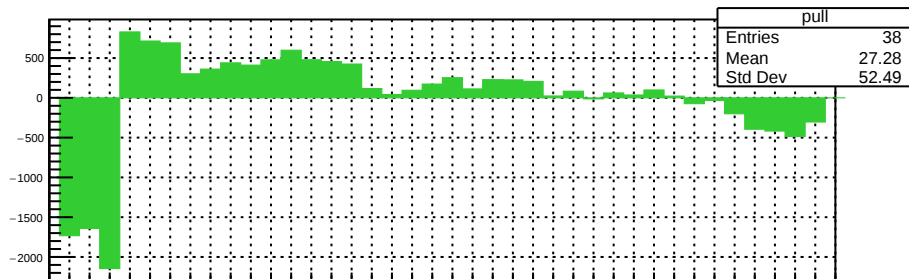
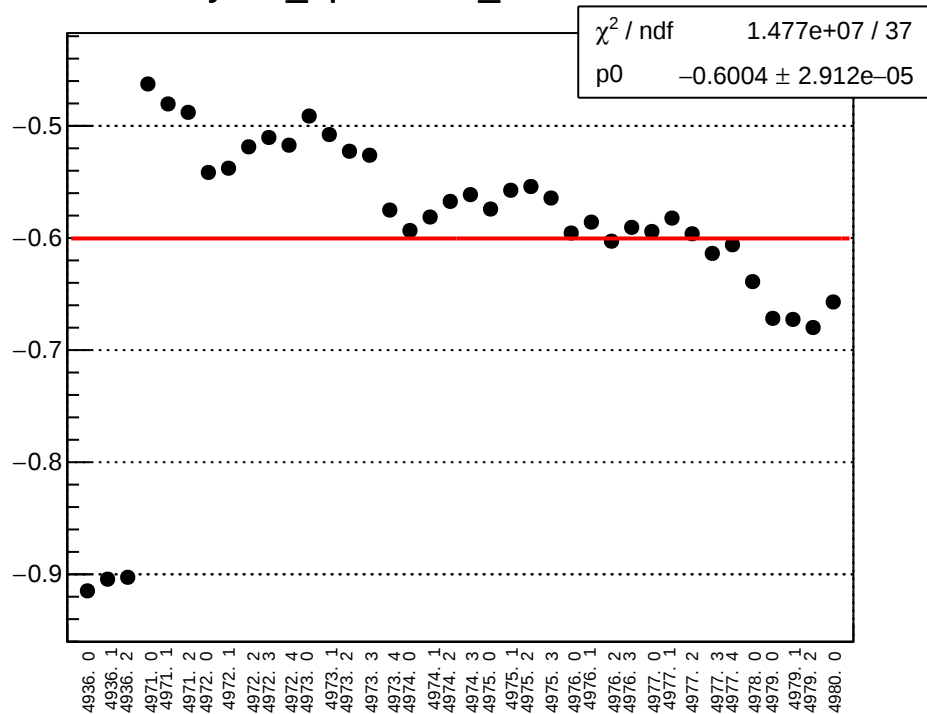
# yield\_bpm0l01Y\_mean vs run



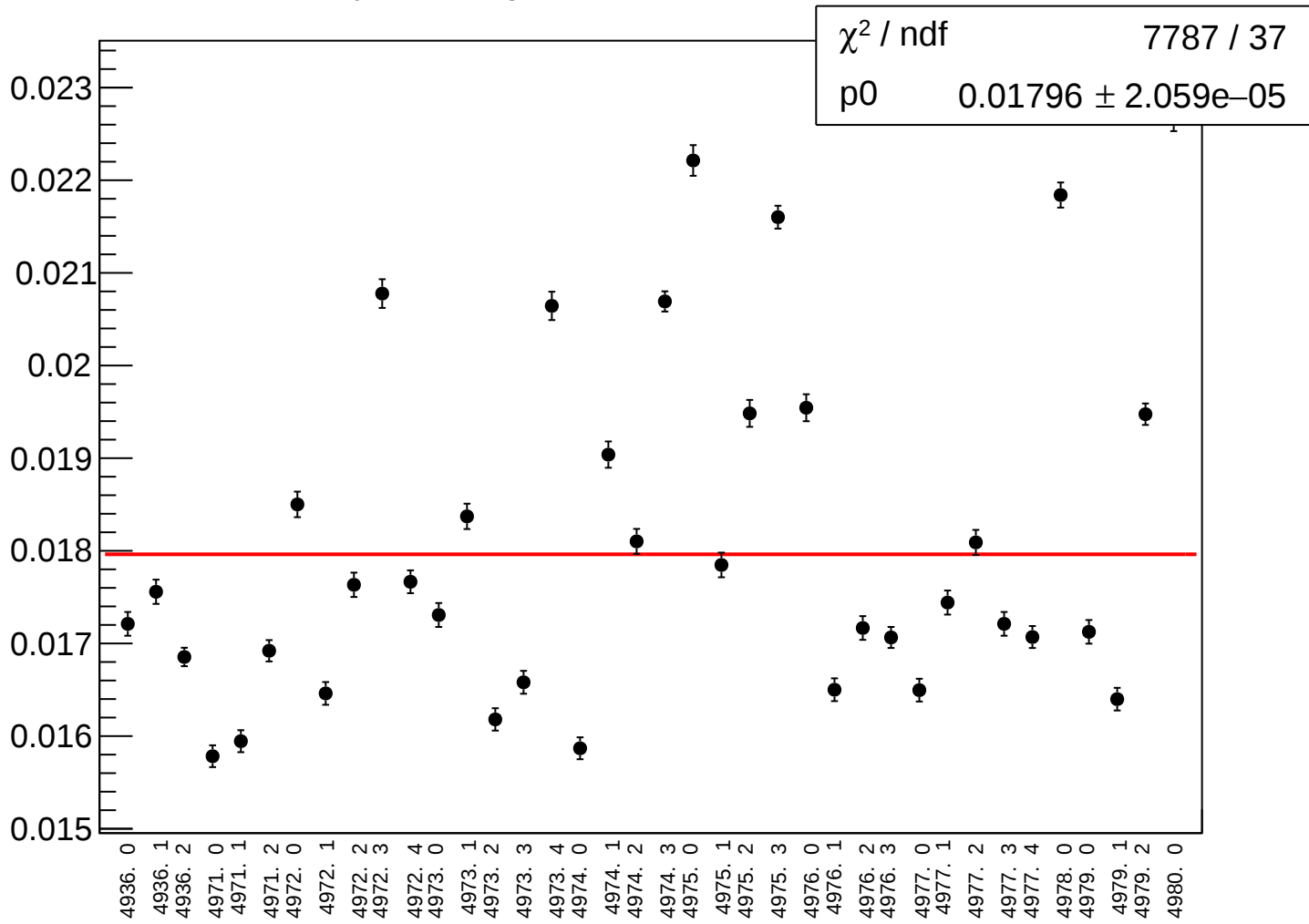
# yield\_bpm0l01Y\_rms vs run



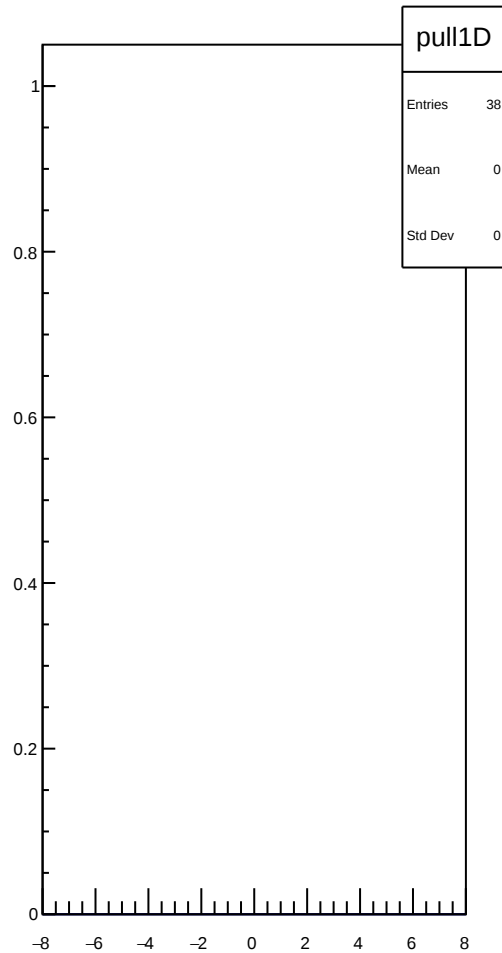
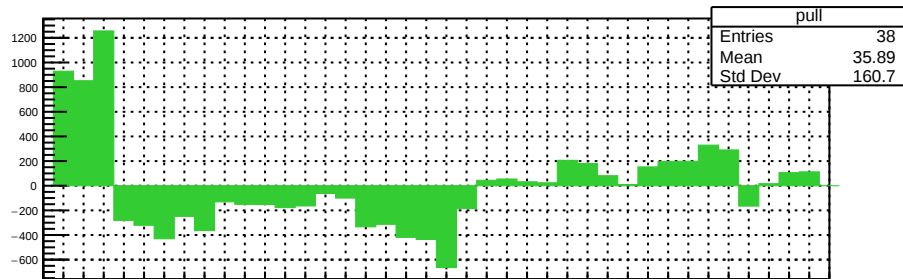
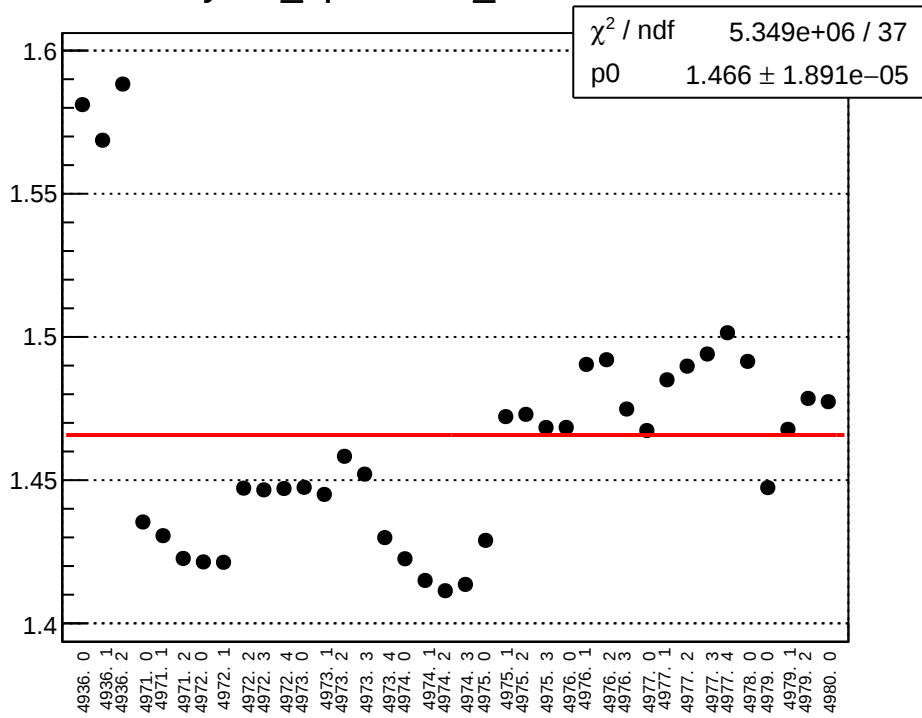
# yield\_bpm0l02X\_mean vs run



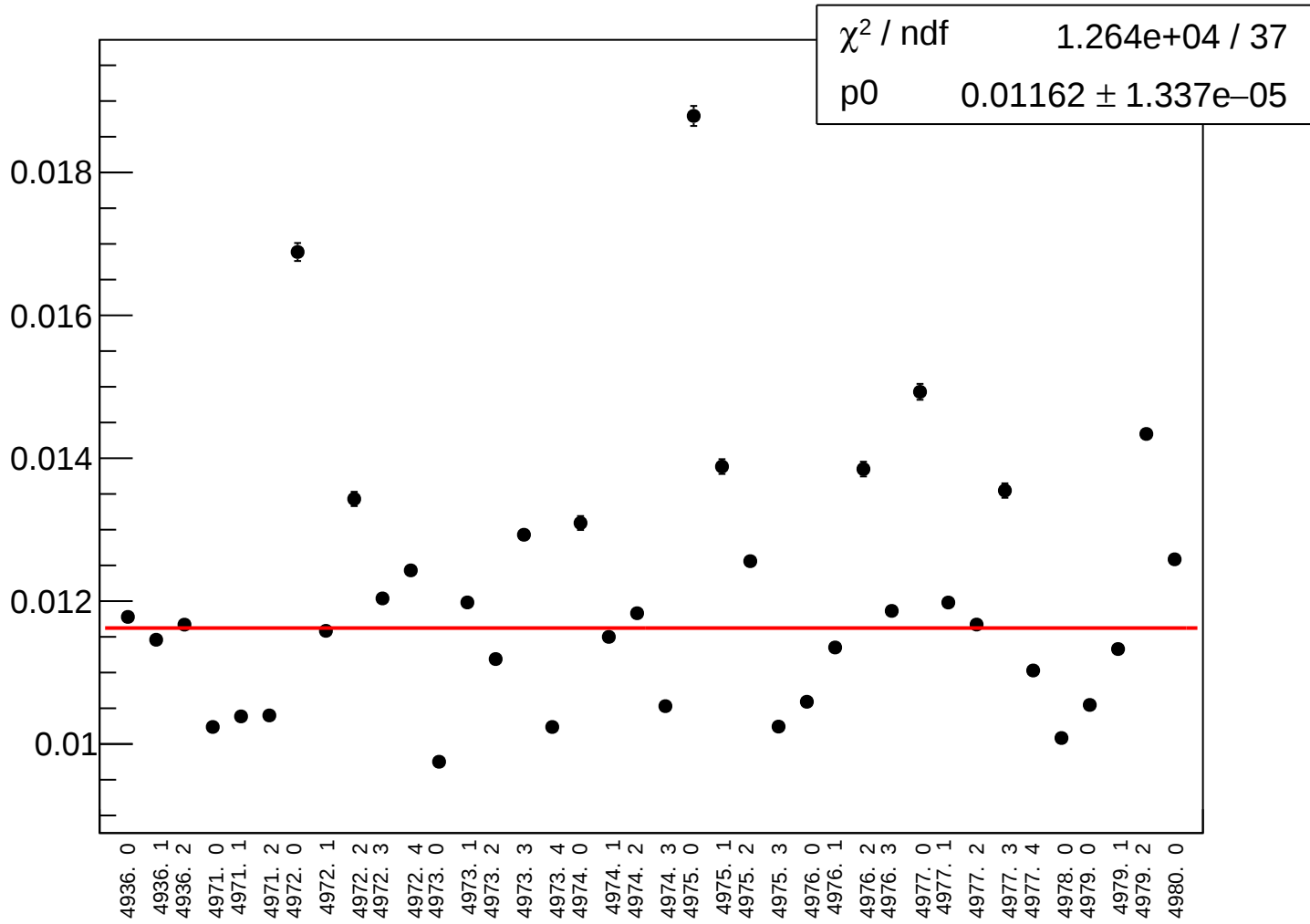
# yield\_bpm0l02X\_rms vs run



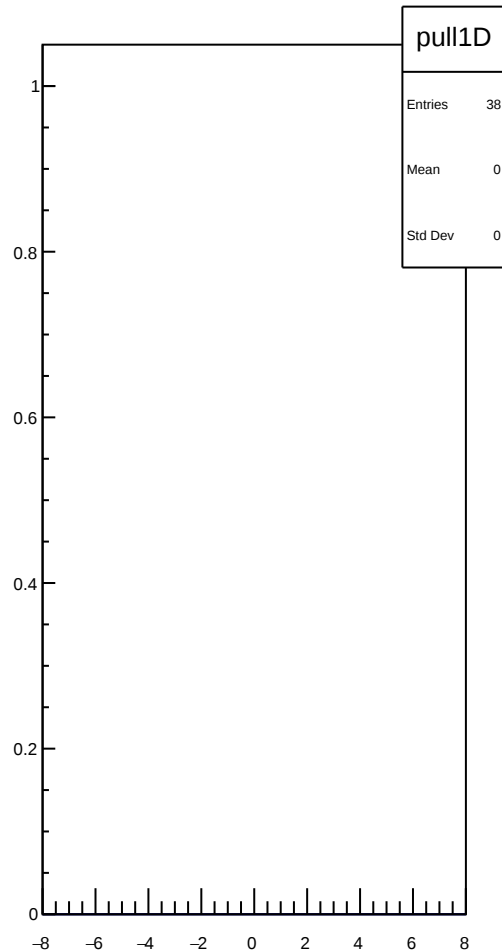
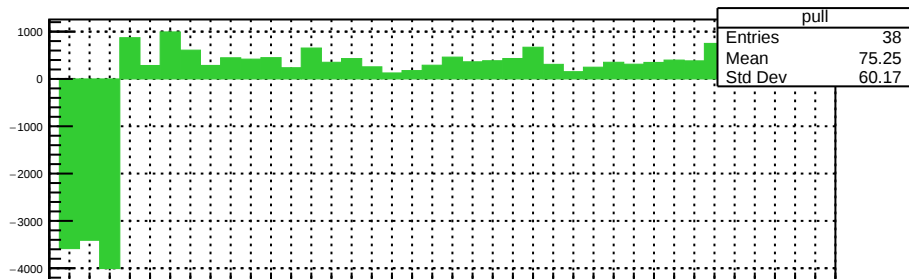
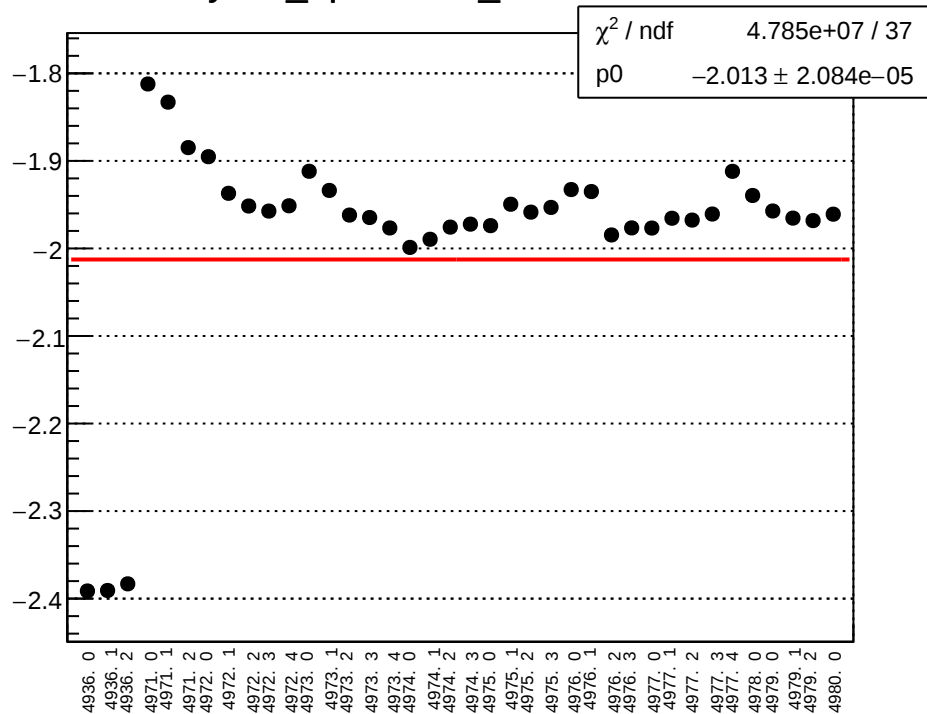
# yield\_bpm0l02Y\_mean vs run



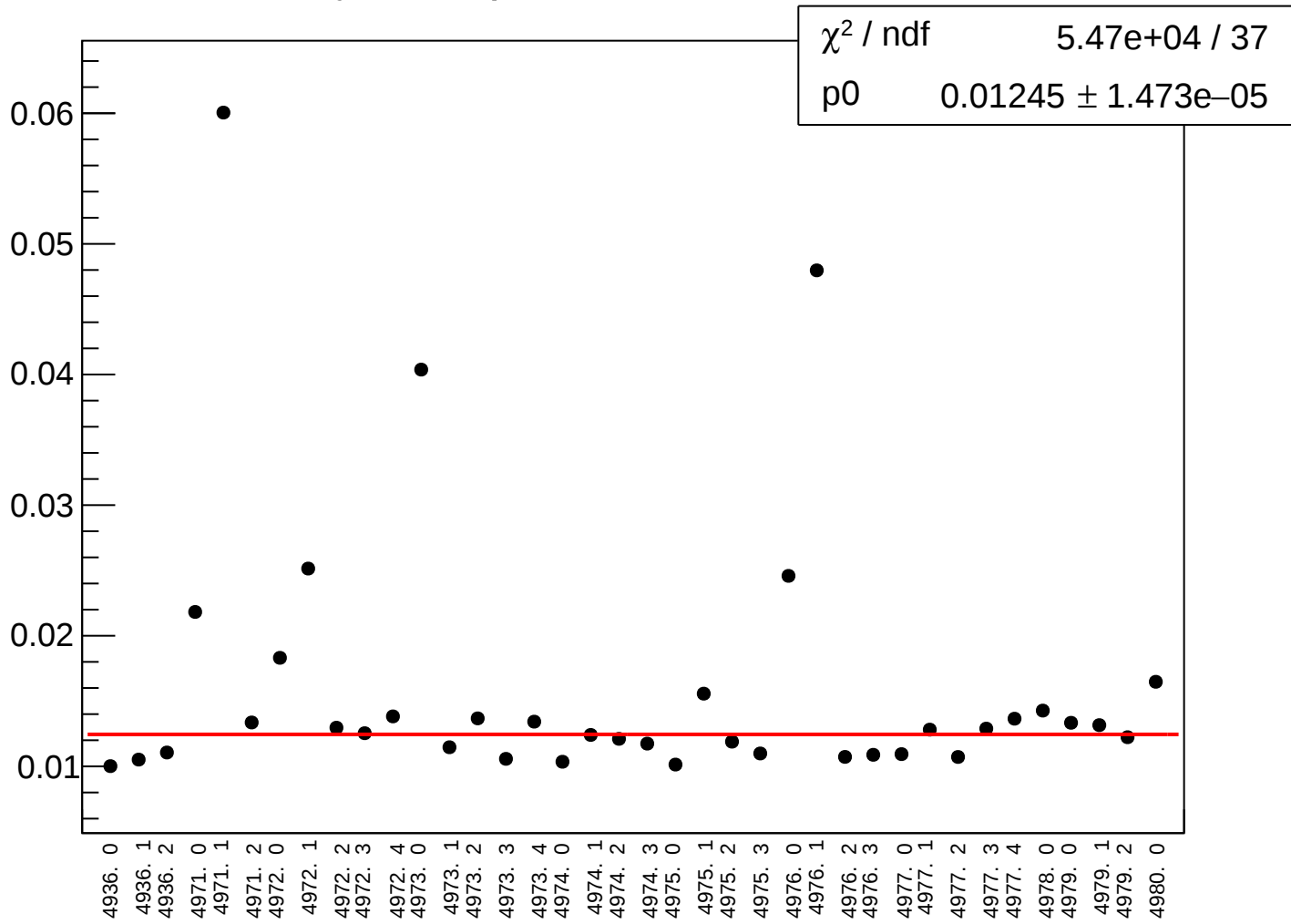
# yield\_bpm0l02Y\_rms vs run



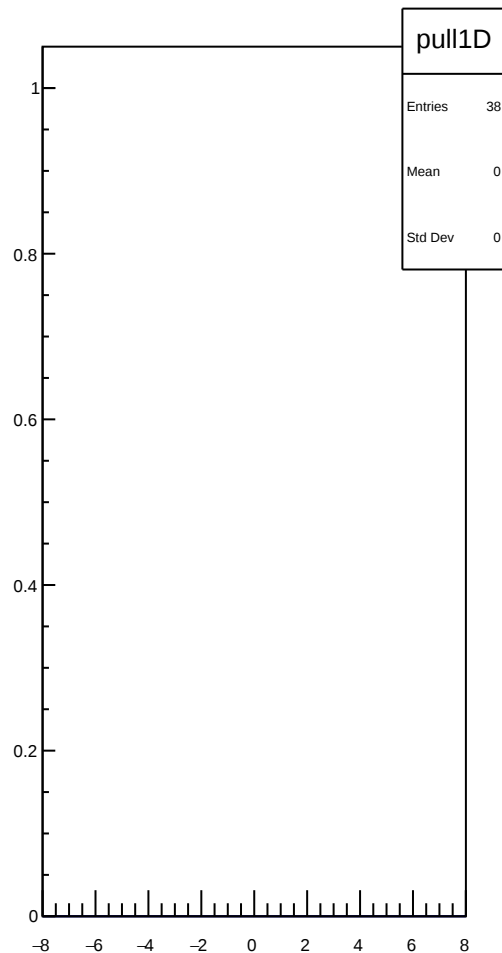
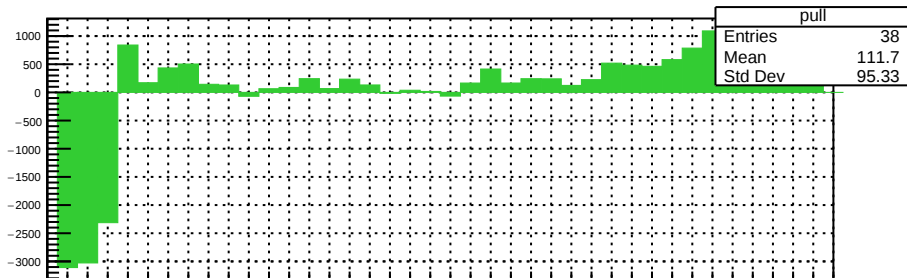
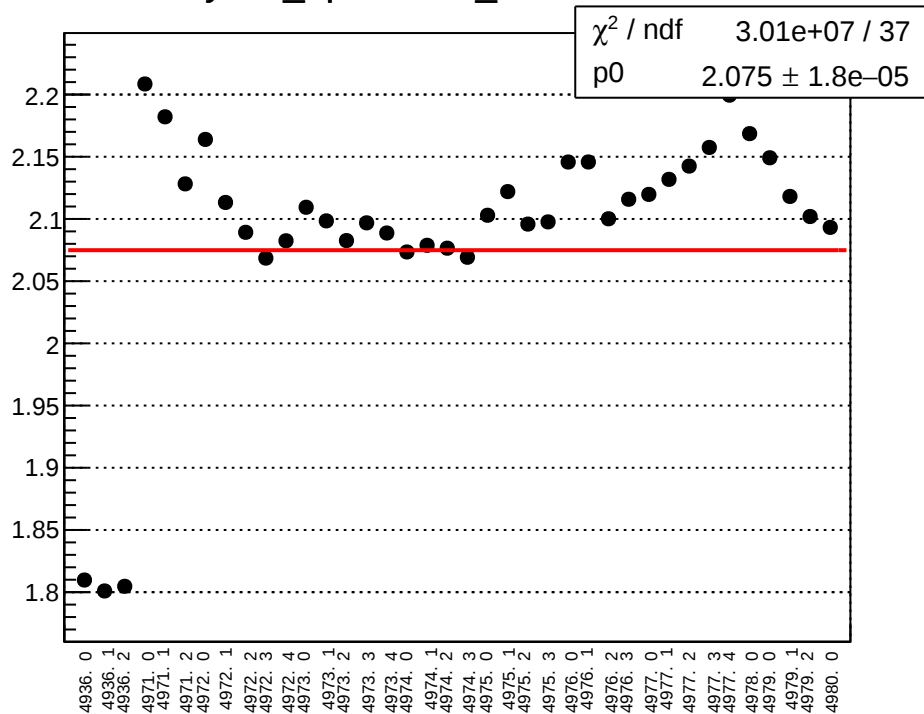
# yield\_bpm0l03X\_mean vs run



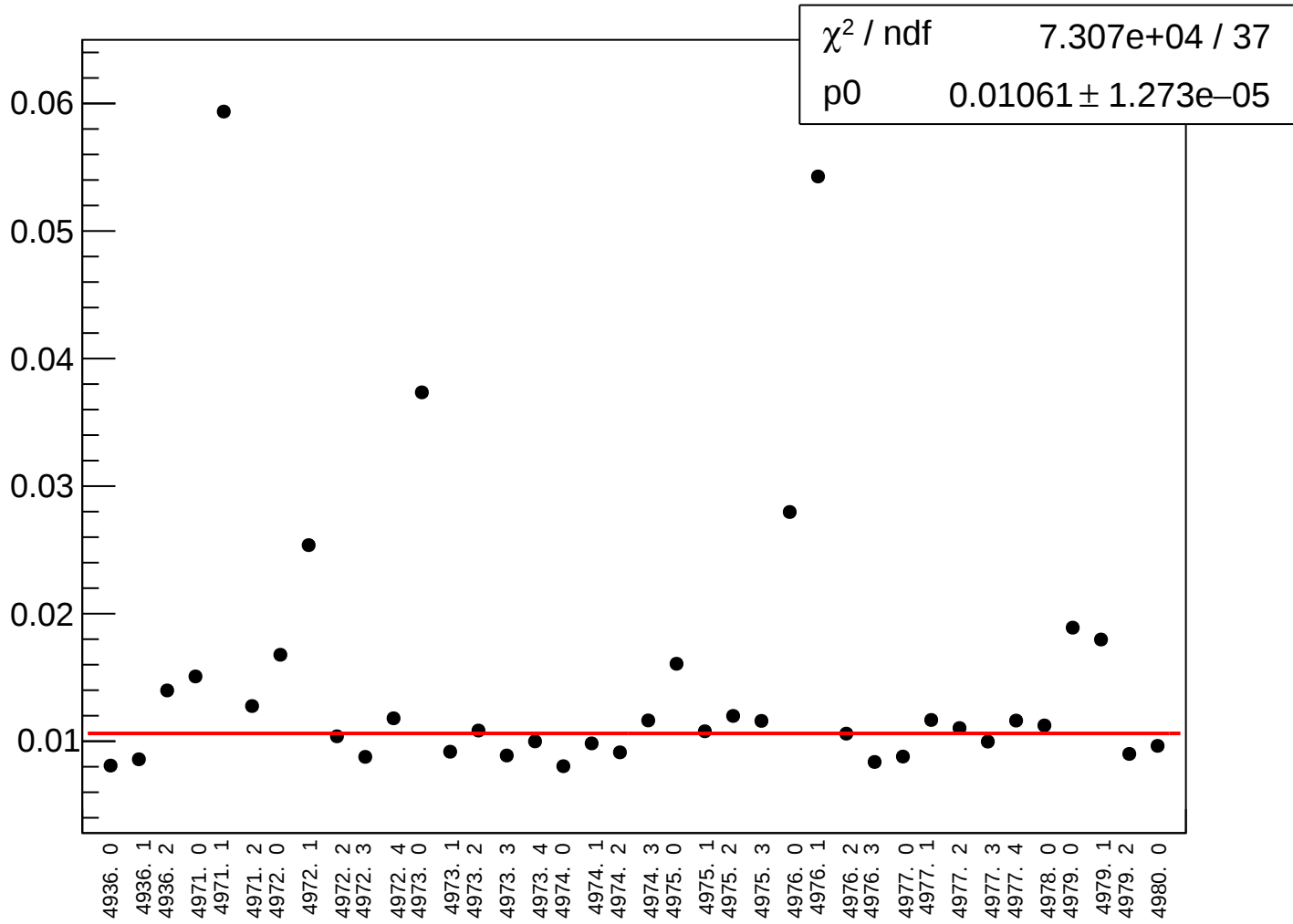
# yield\_bpm0l03X\_rms vs run



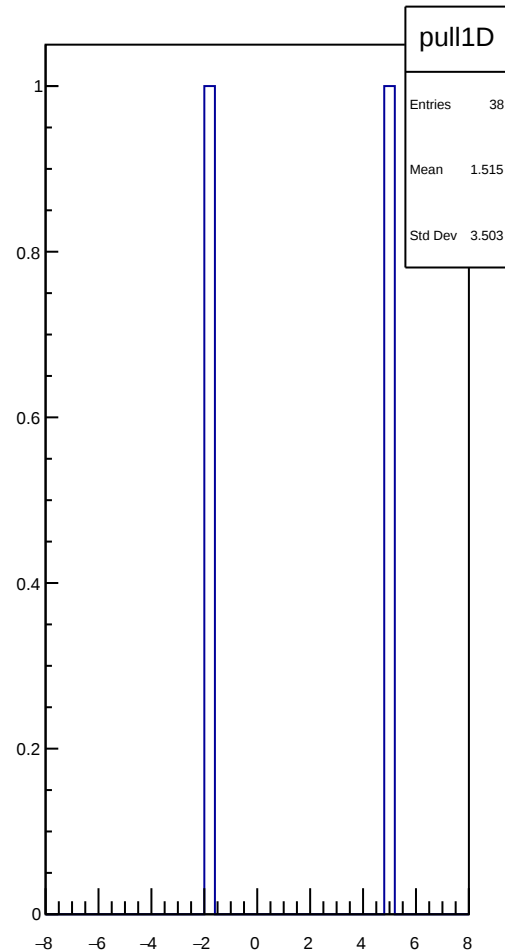
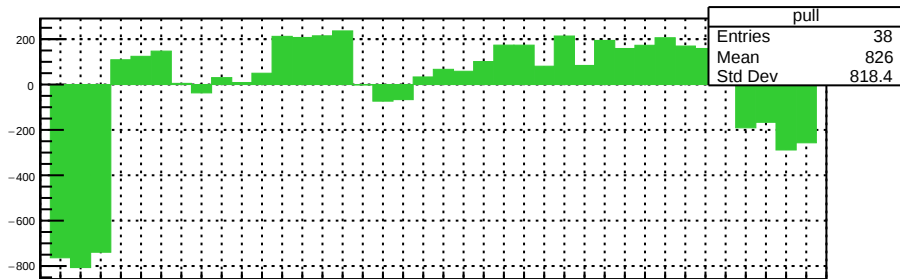
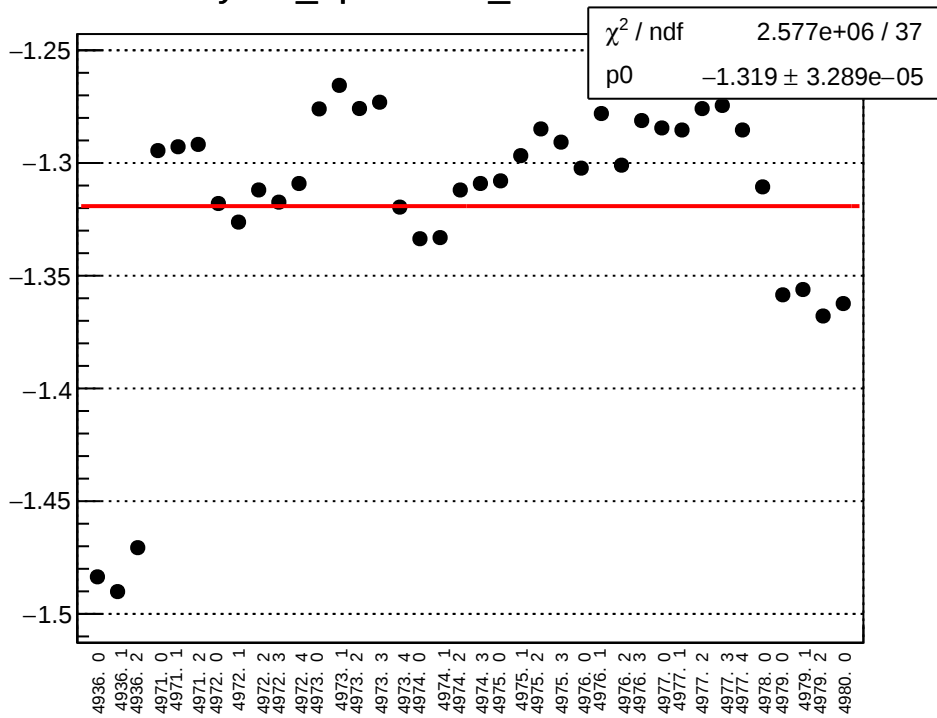
yield\_bpm0l03Y\_mean vs run



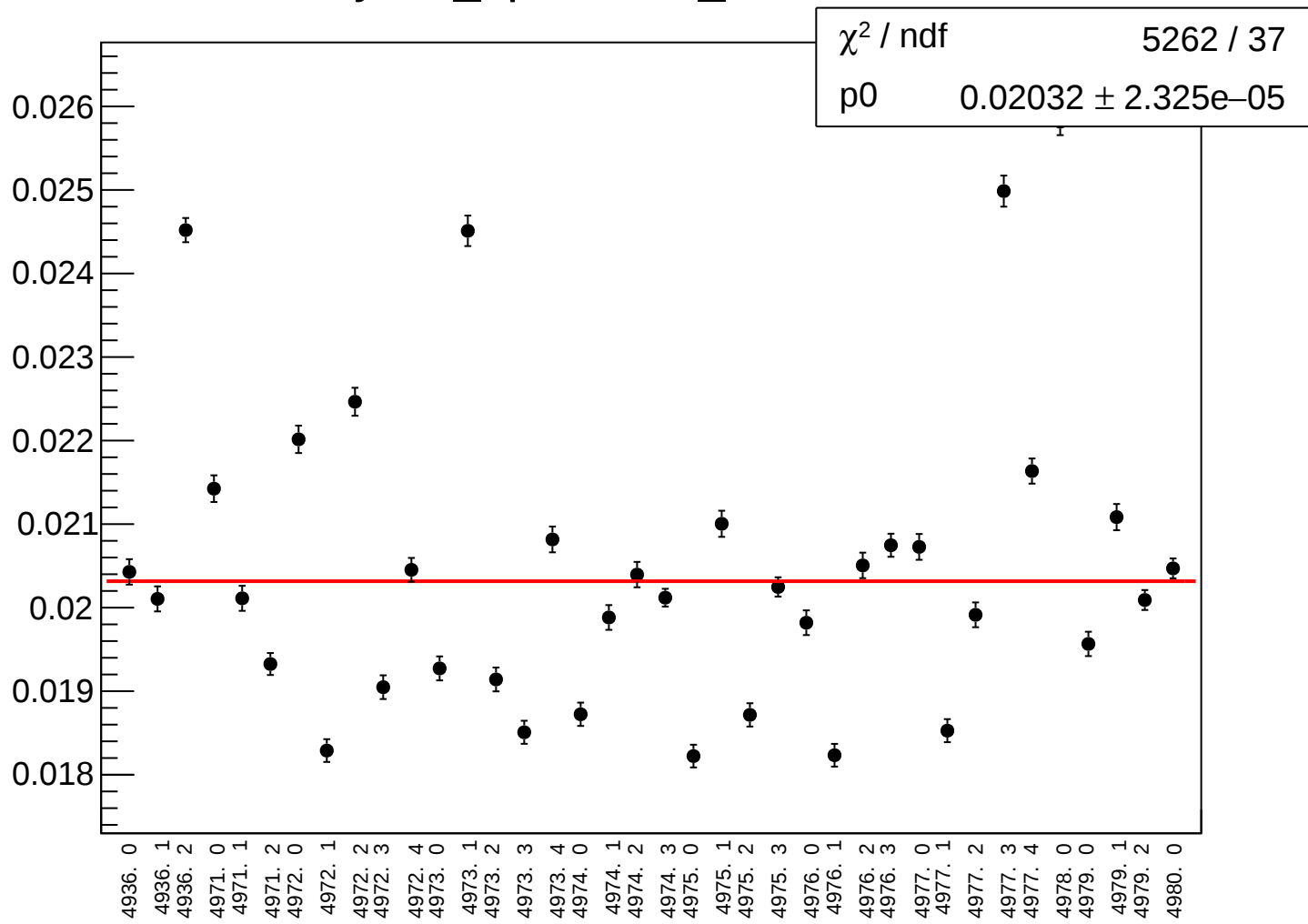
# yield\_bpm0l03Y\_rms vs run



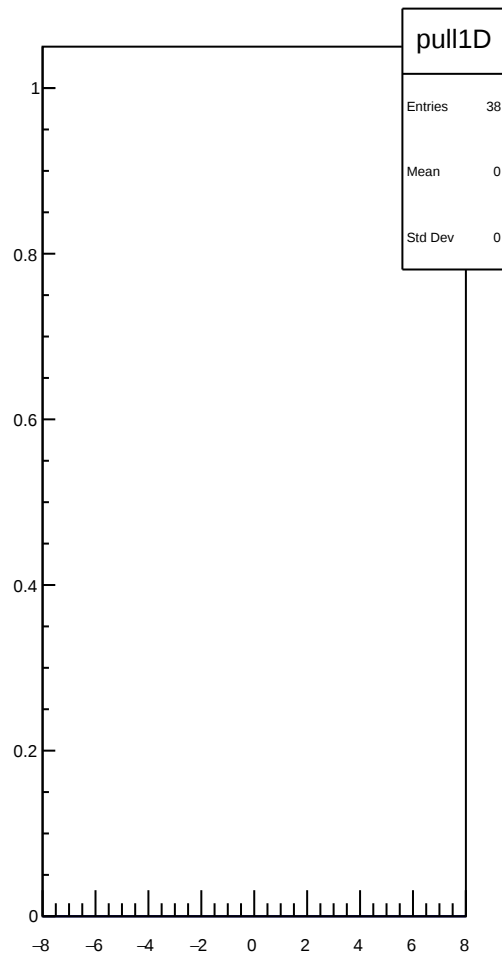
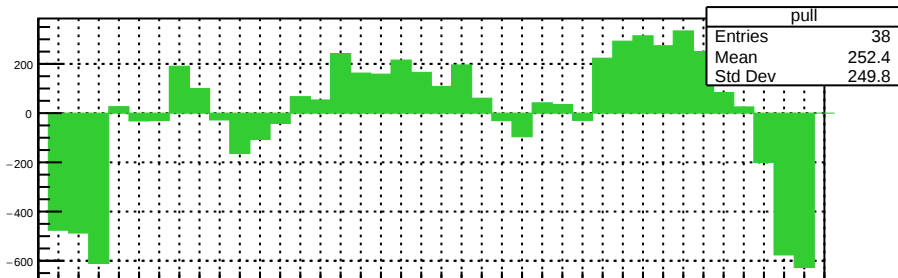
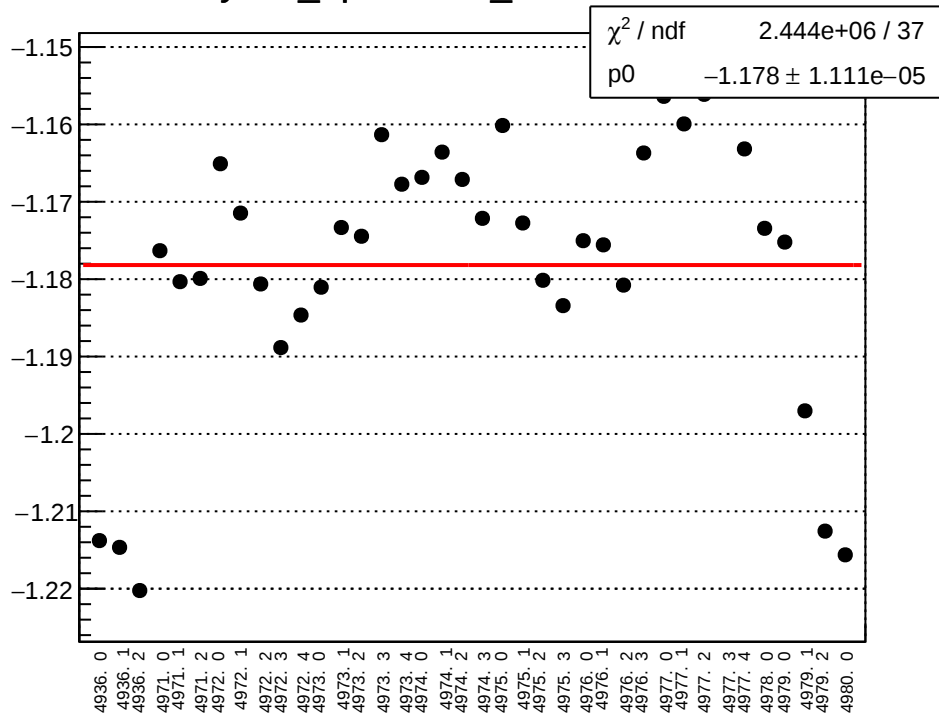
# yield\_bpm0l04X\_mean vs run



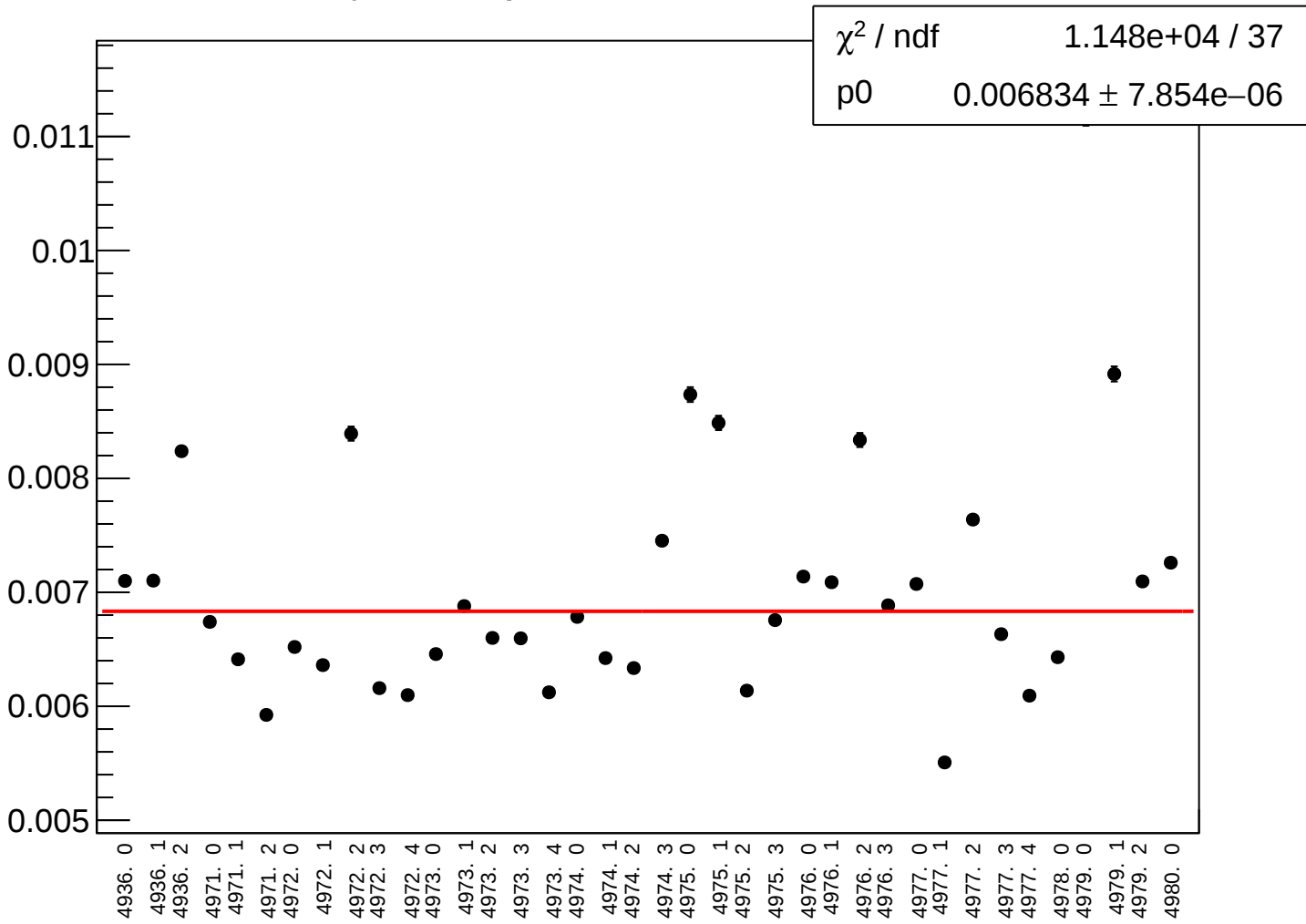
# yield\_bpm0l04X\_rms vs run



yield\_bpm0l04Y\_mean vs run

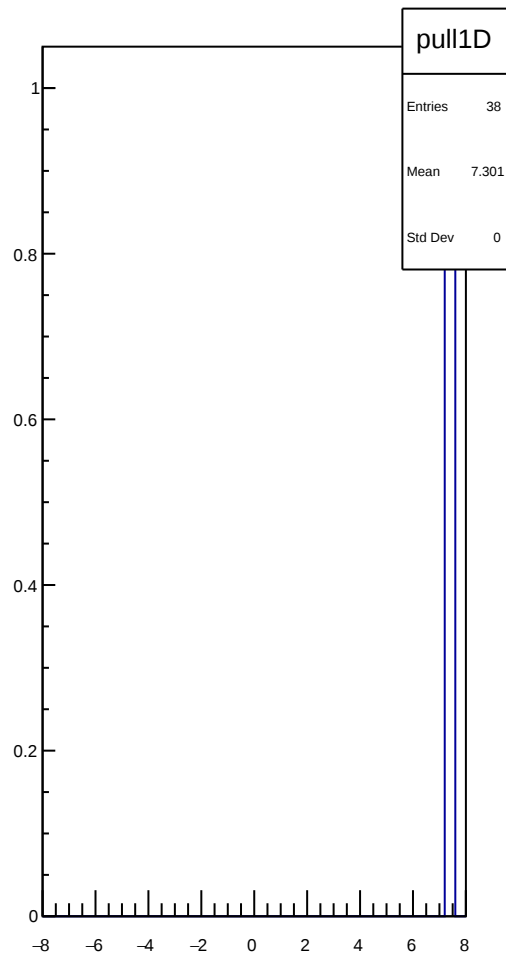
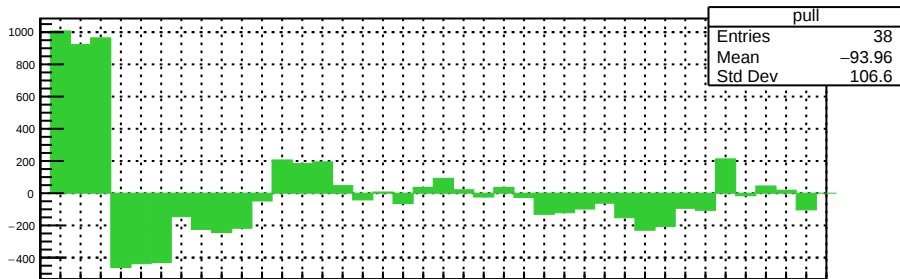
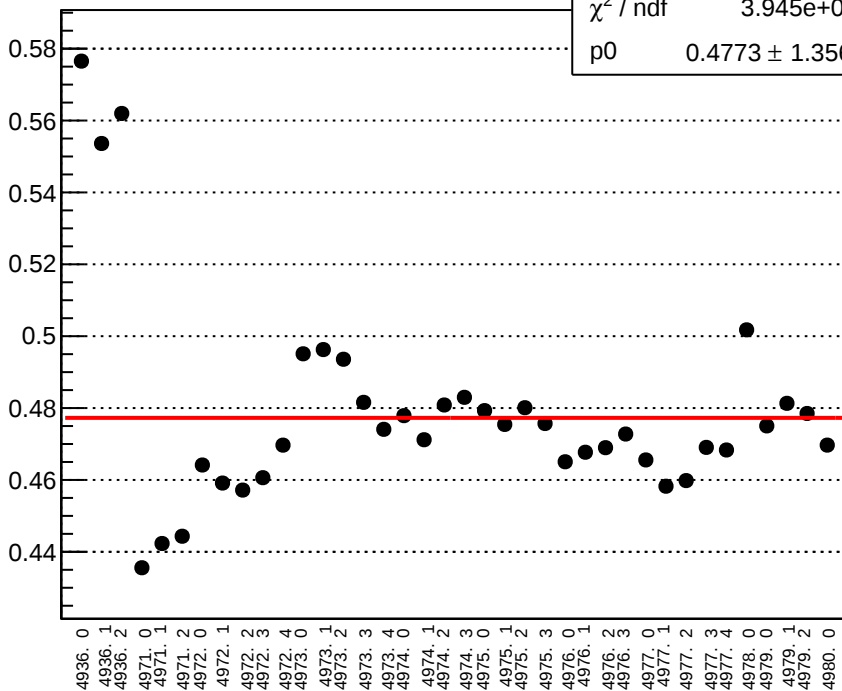


# yield\_bpm0l04Y\_rms vs run

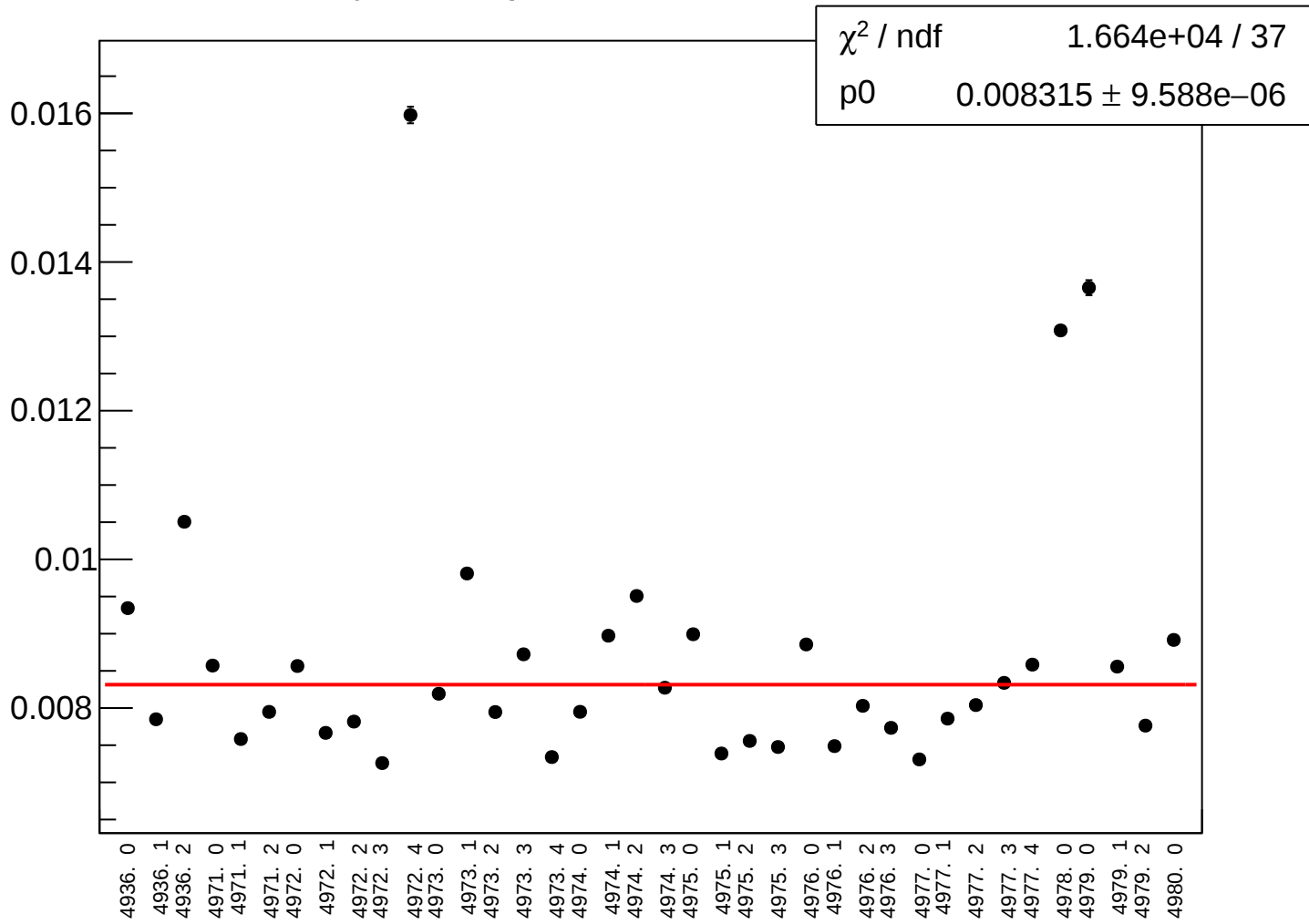


# yield\_bpm0l05X\_mean vs run

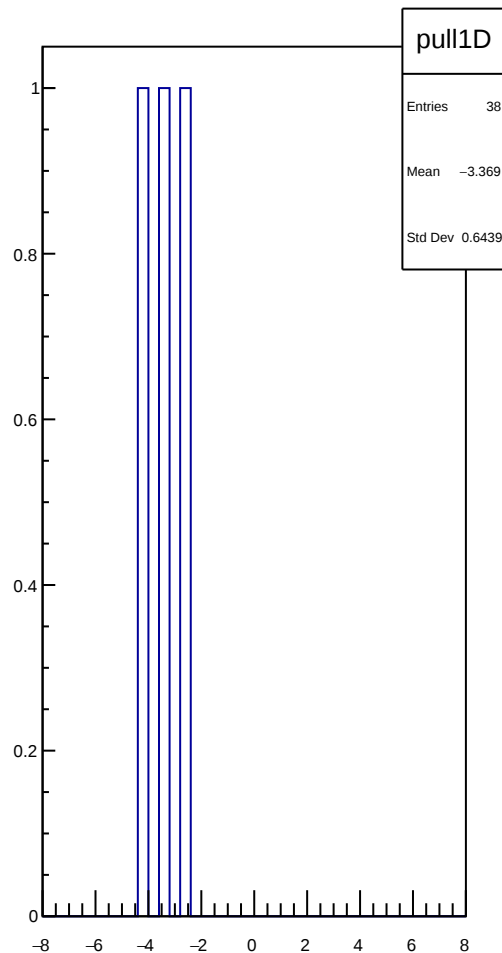
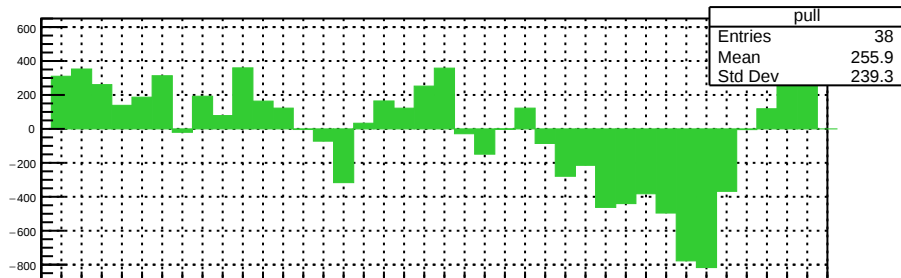
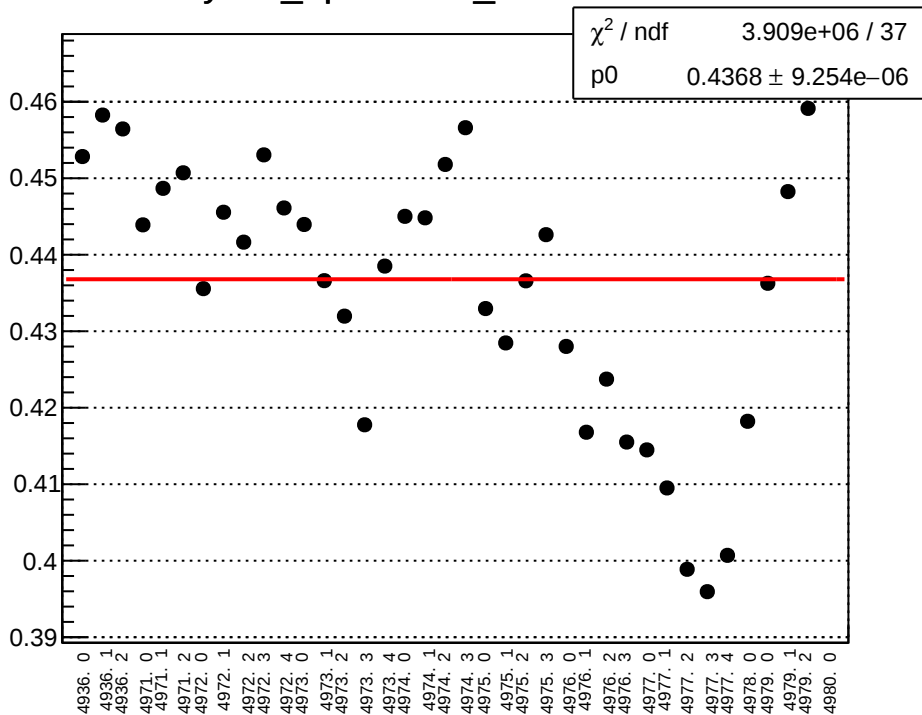
$\chi^2 / \text{ndf}$  3.945e+06 / 37  
p0  $0.4773 \pm 1.356\text{e-}05$



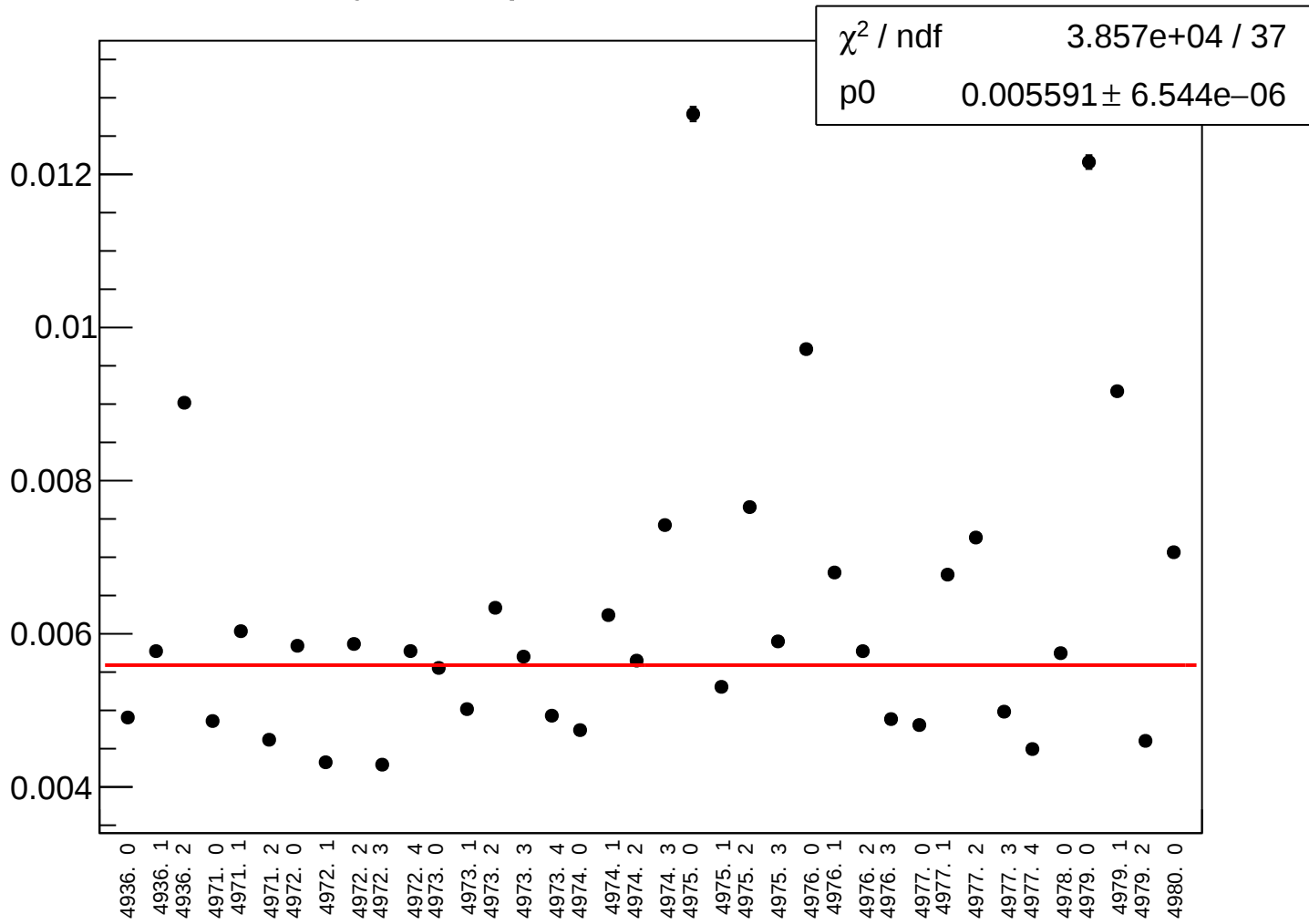
# yield\_bpm0l05X\_rms vs run



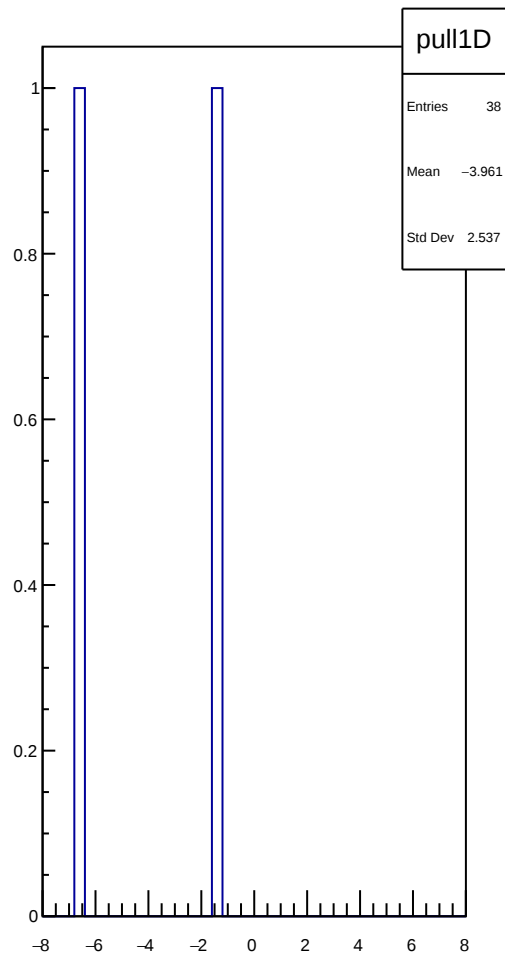
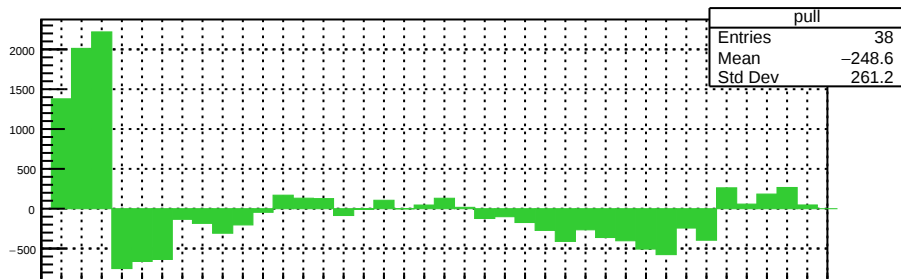
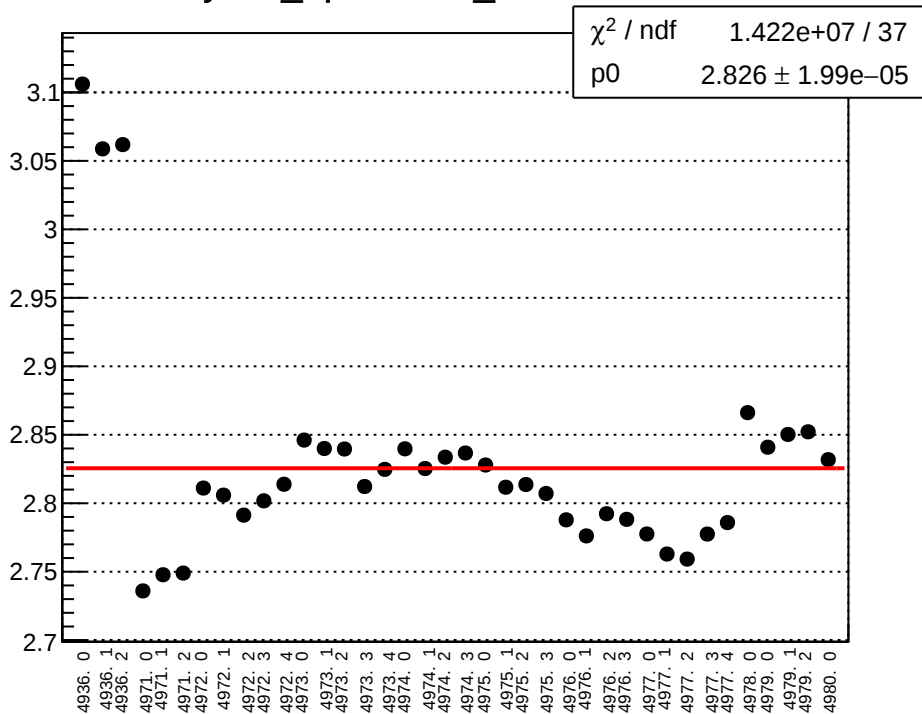
# yield\_bpm0l05Y\_mean vs run



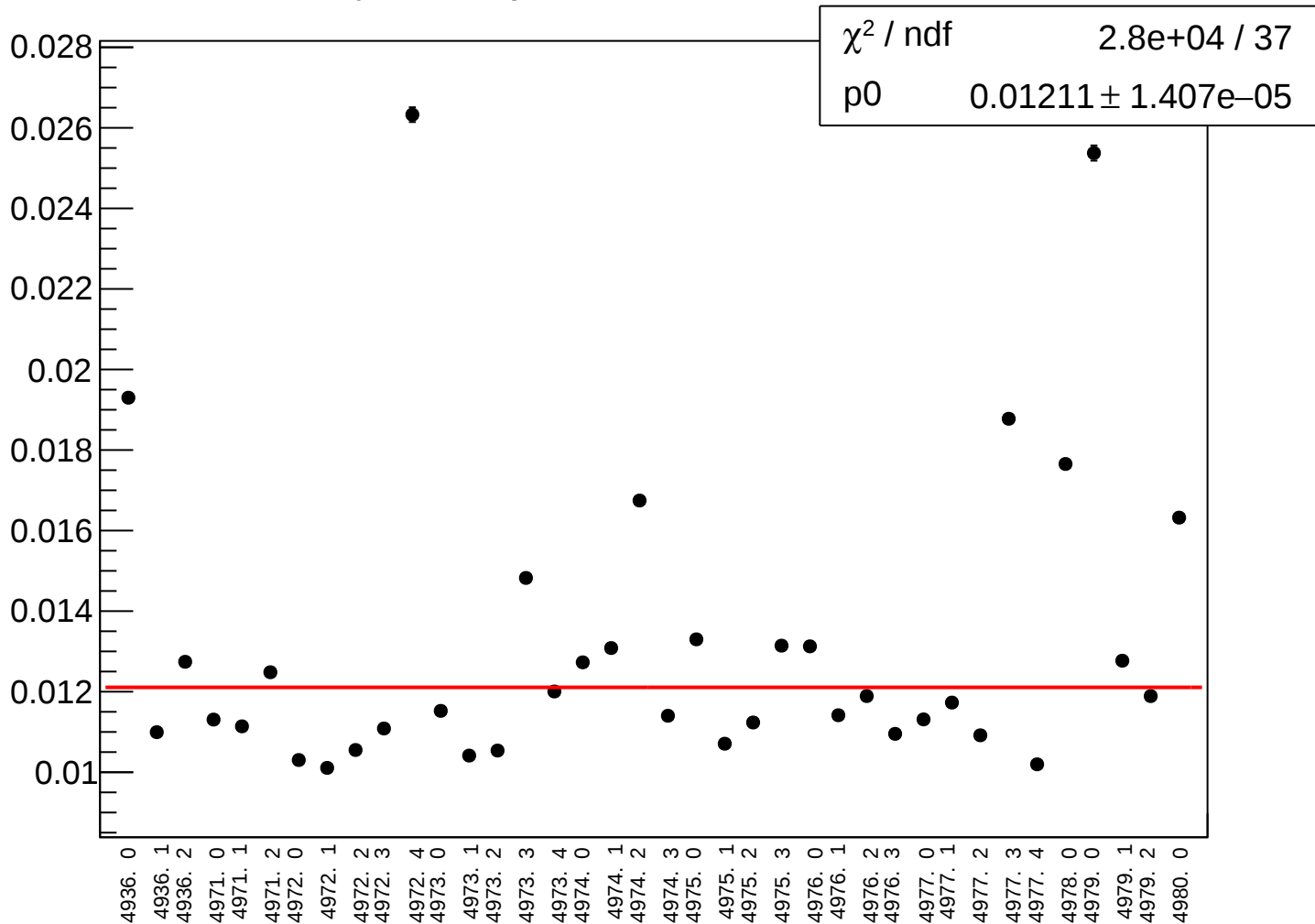
# yield\_bpm0l05Y\_rms vs run



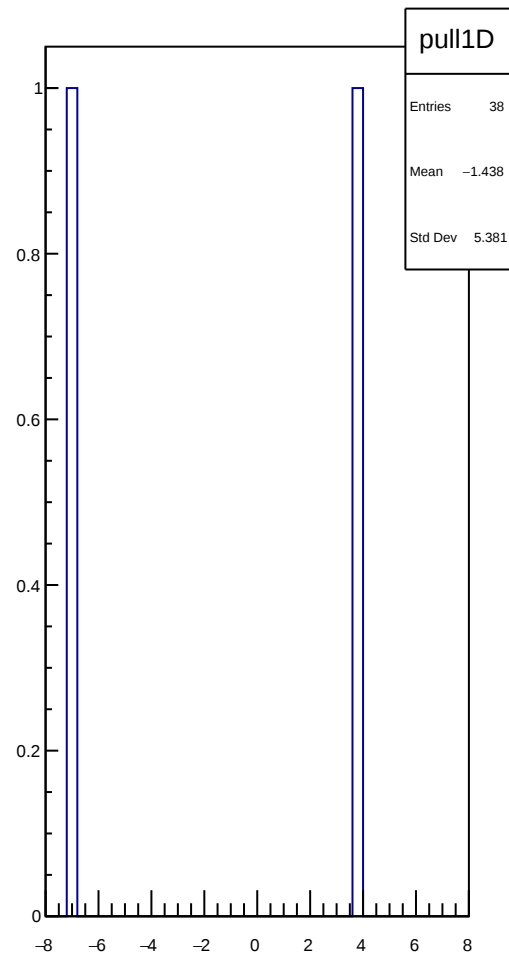
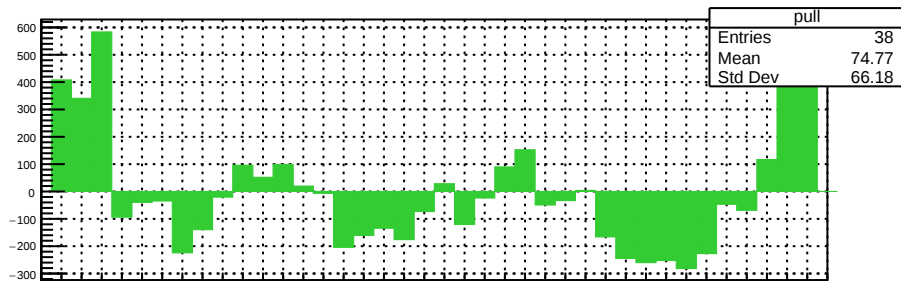
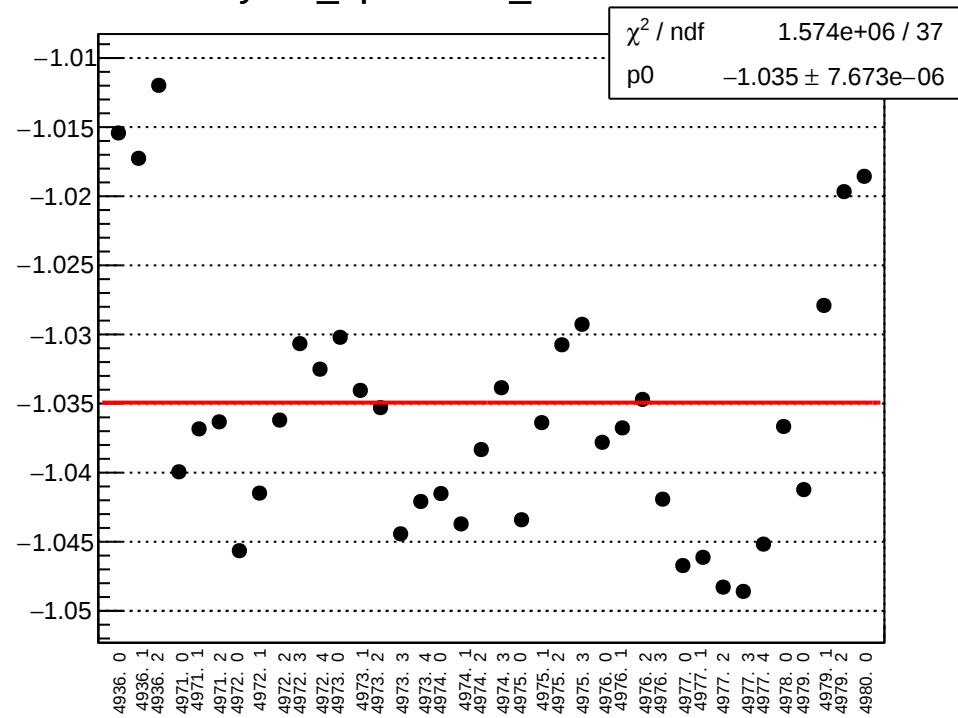
# yield\_bpm0l06X\_mean vs run



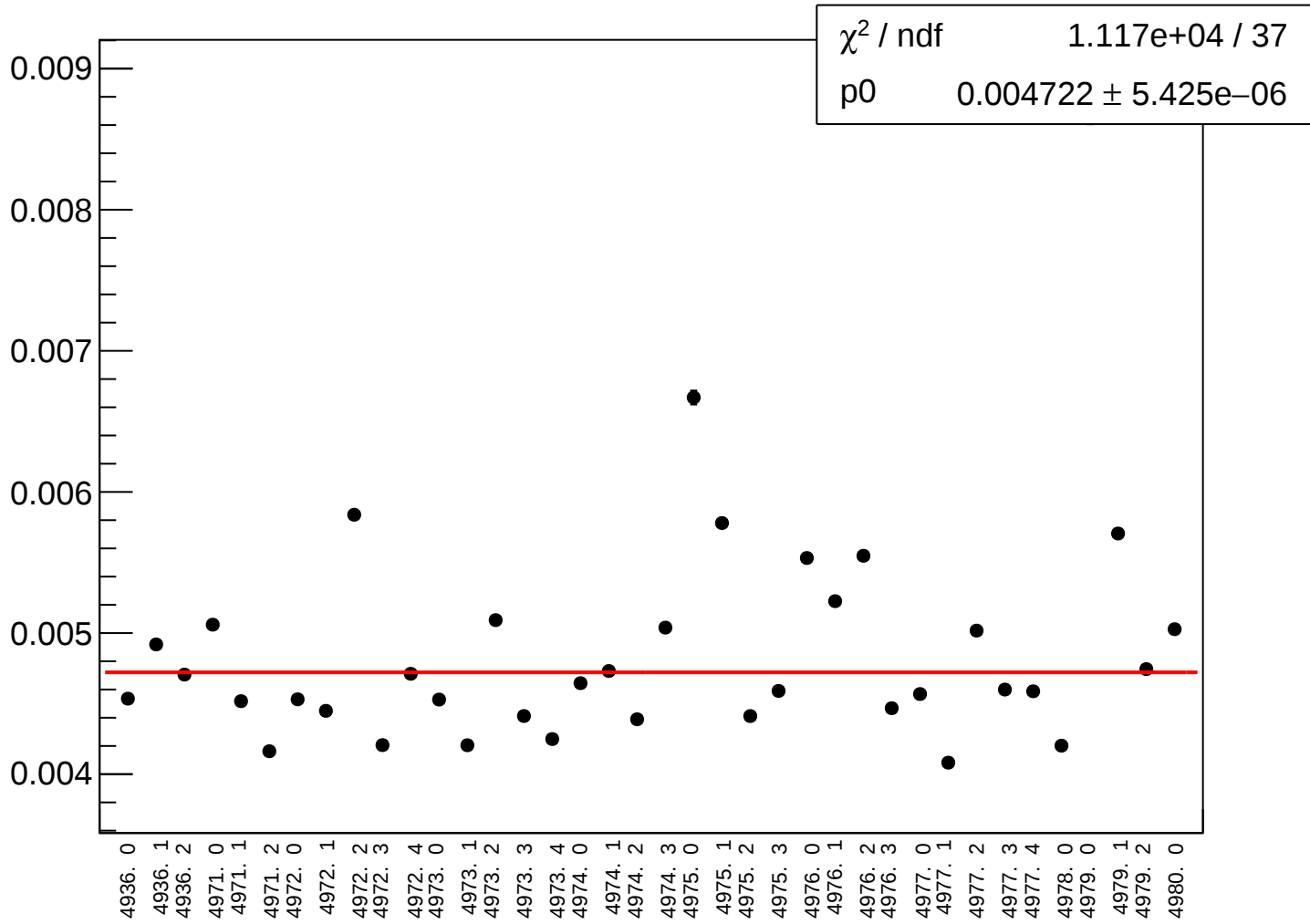
# yield\_bpm0l06X\_rms vs run



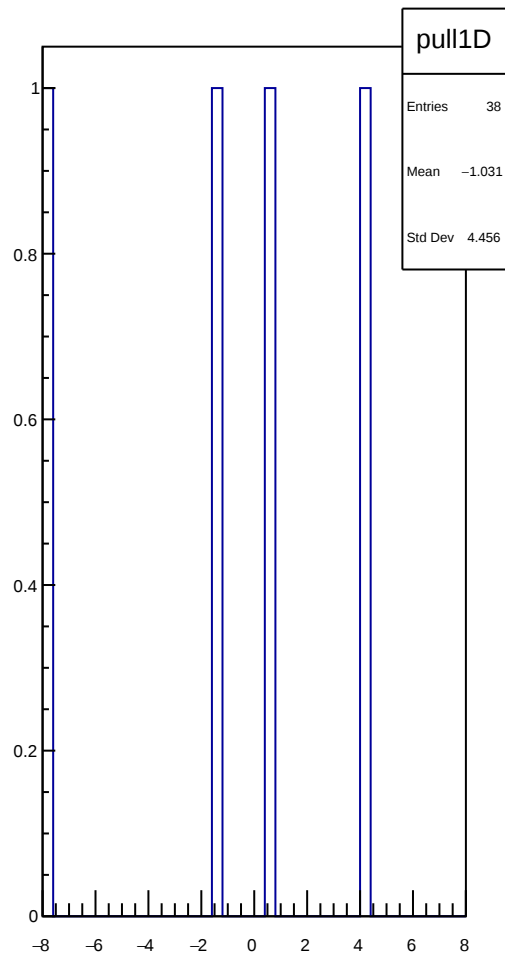
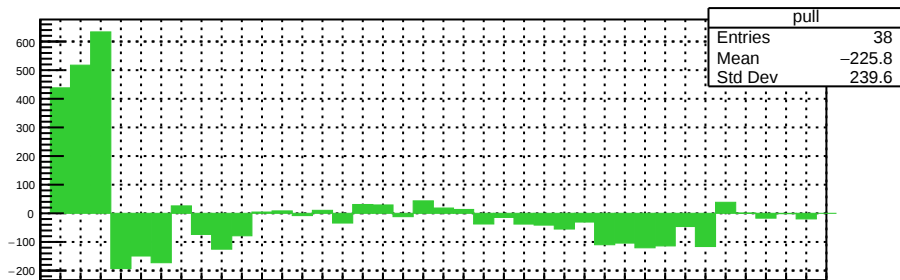
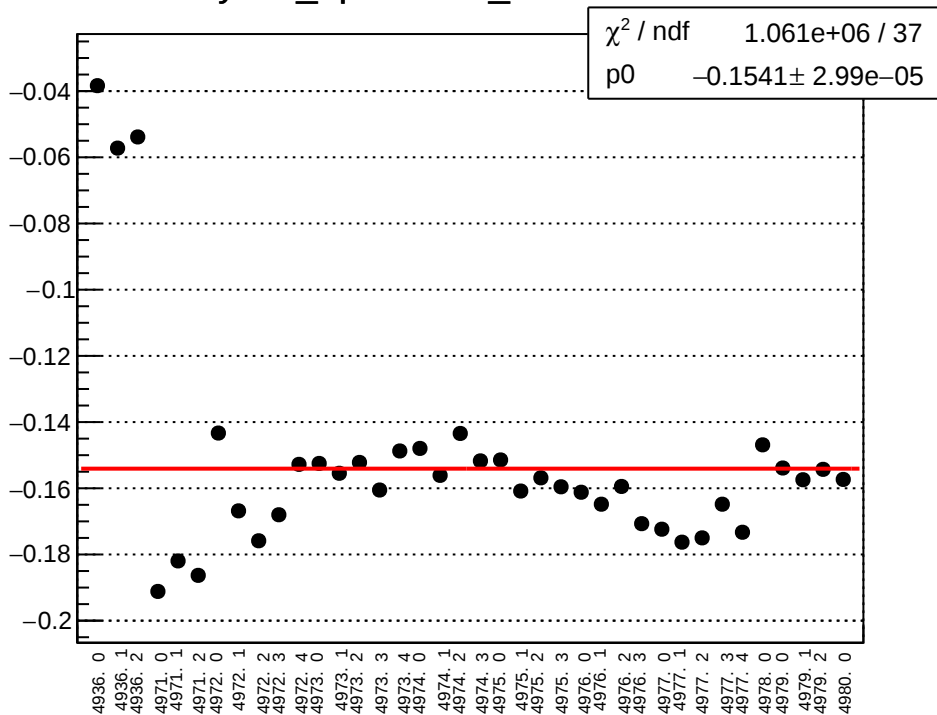
# yield\_bpm0l06Y\_mean vs run



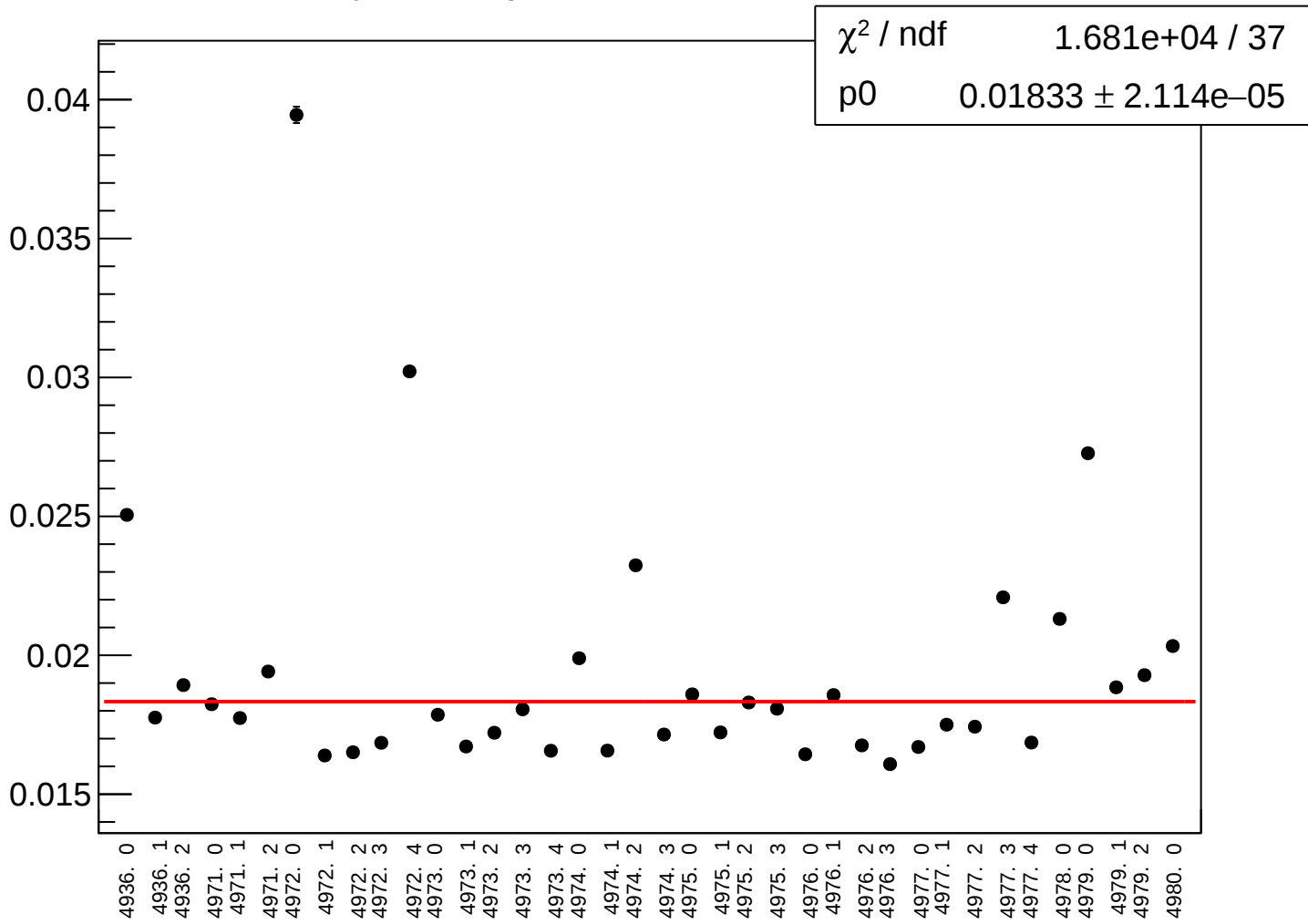
# yield\_bpm0l06Y\_rms vs run



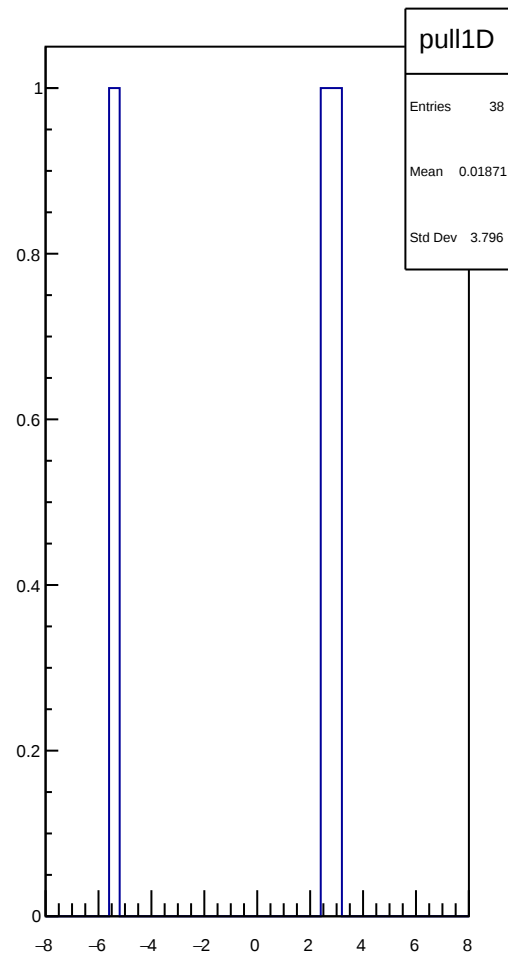
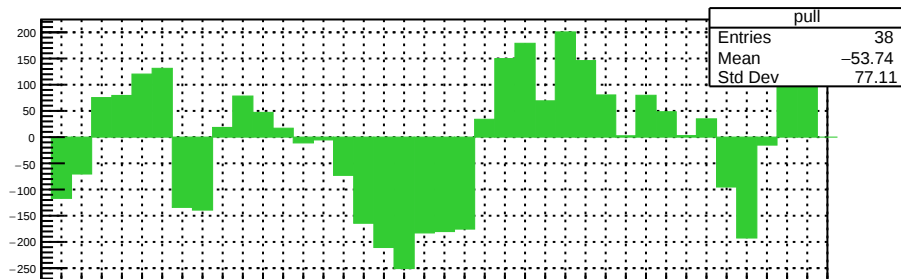
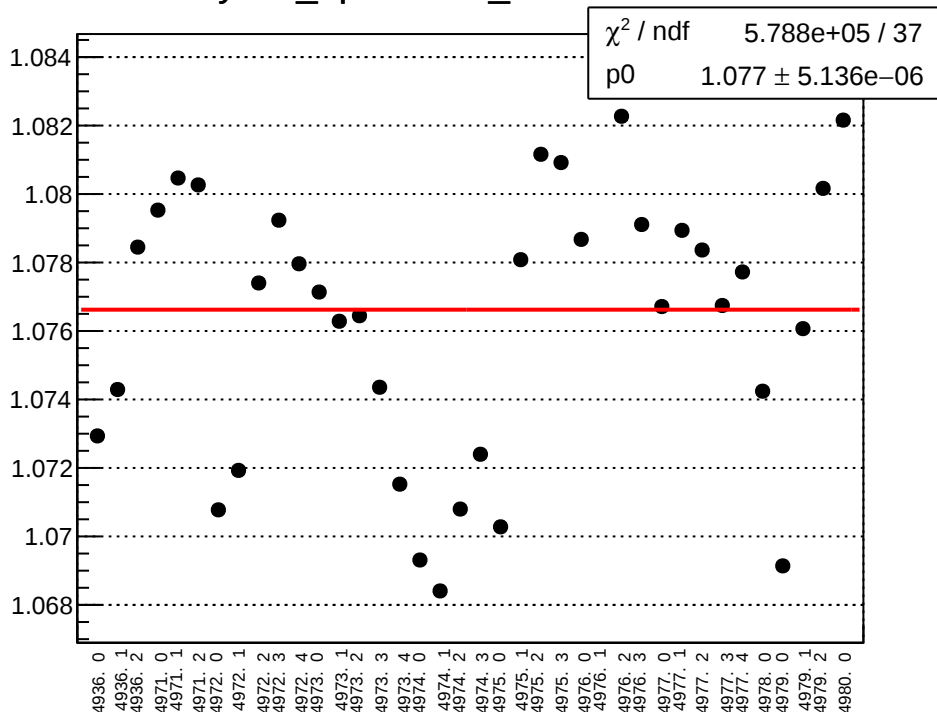
# yield\_bpm0l07X\_mean vs run



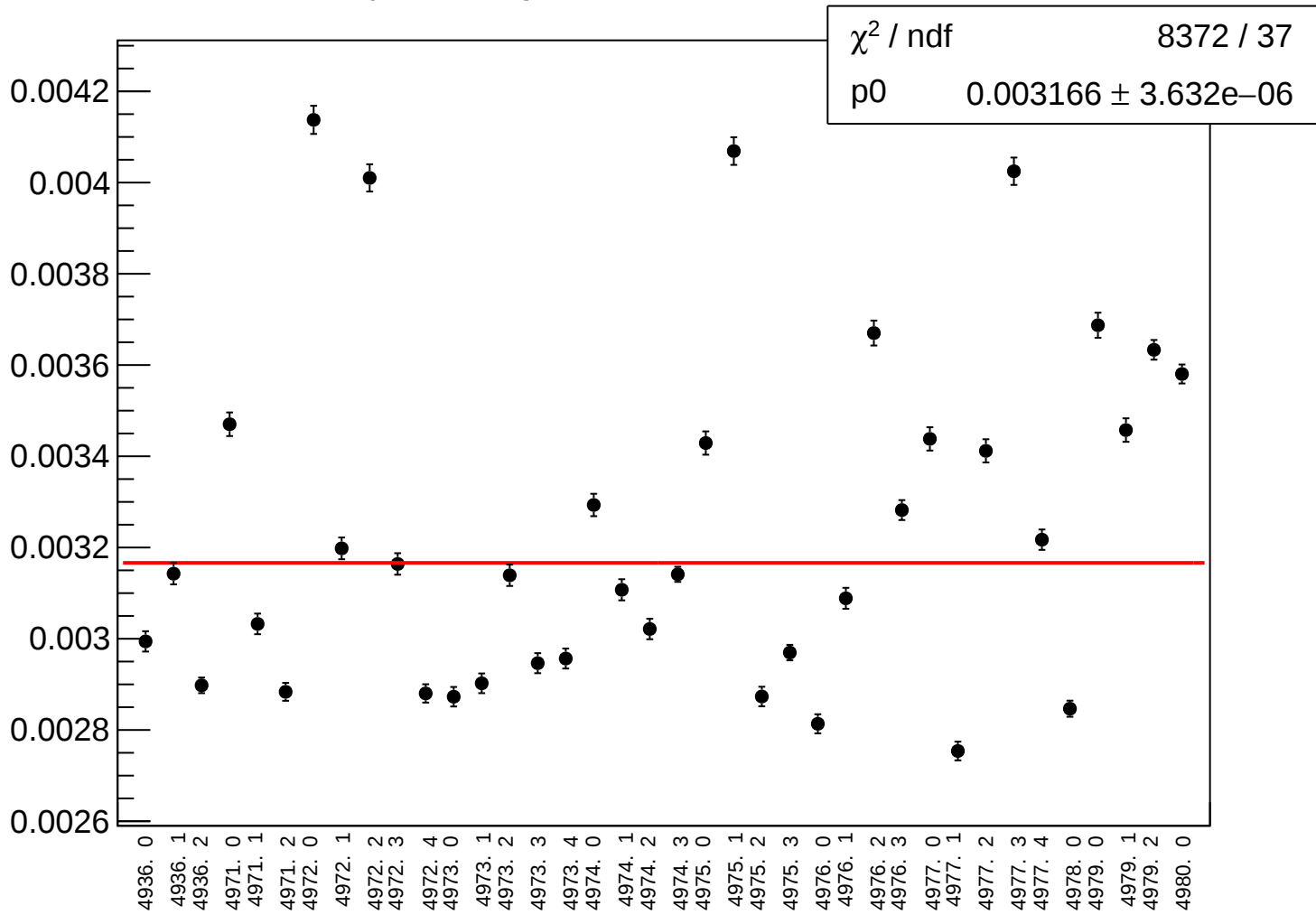
# yield\_bpm0l07X\_rms vs run



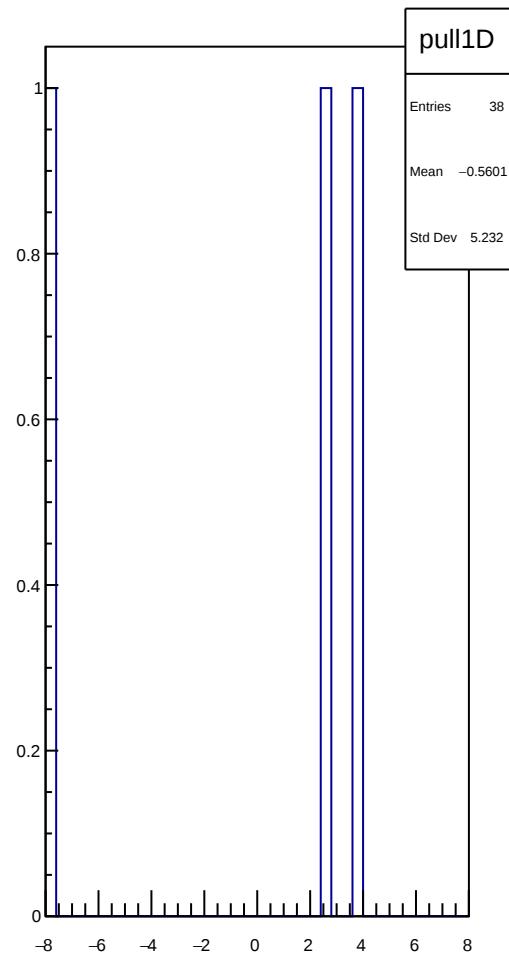
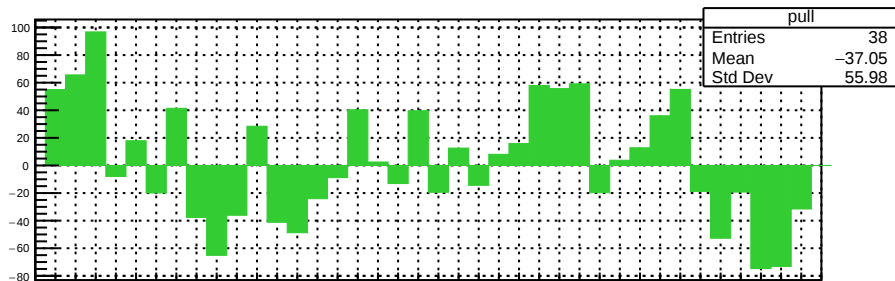
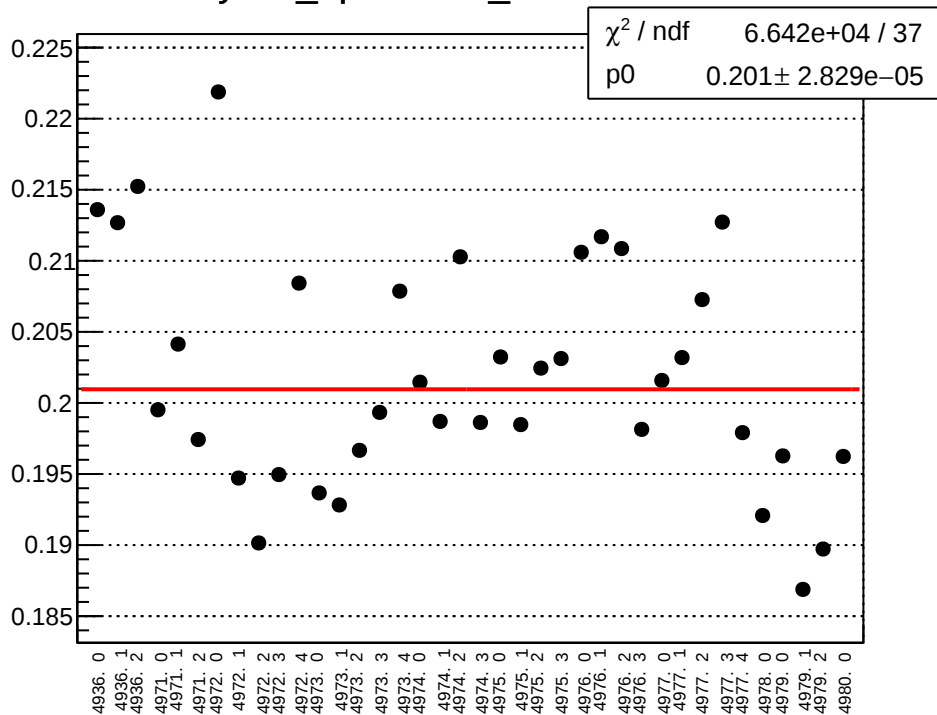
# yield\_bpm0l07Y\_mean vs run



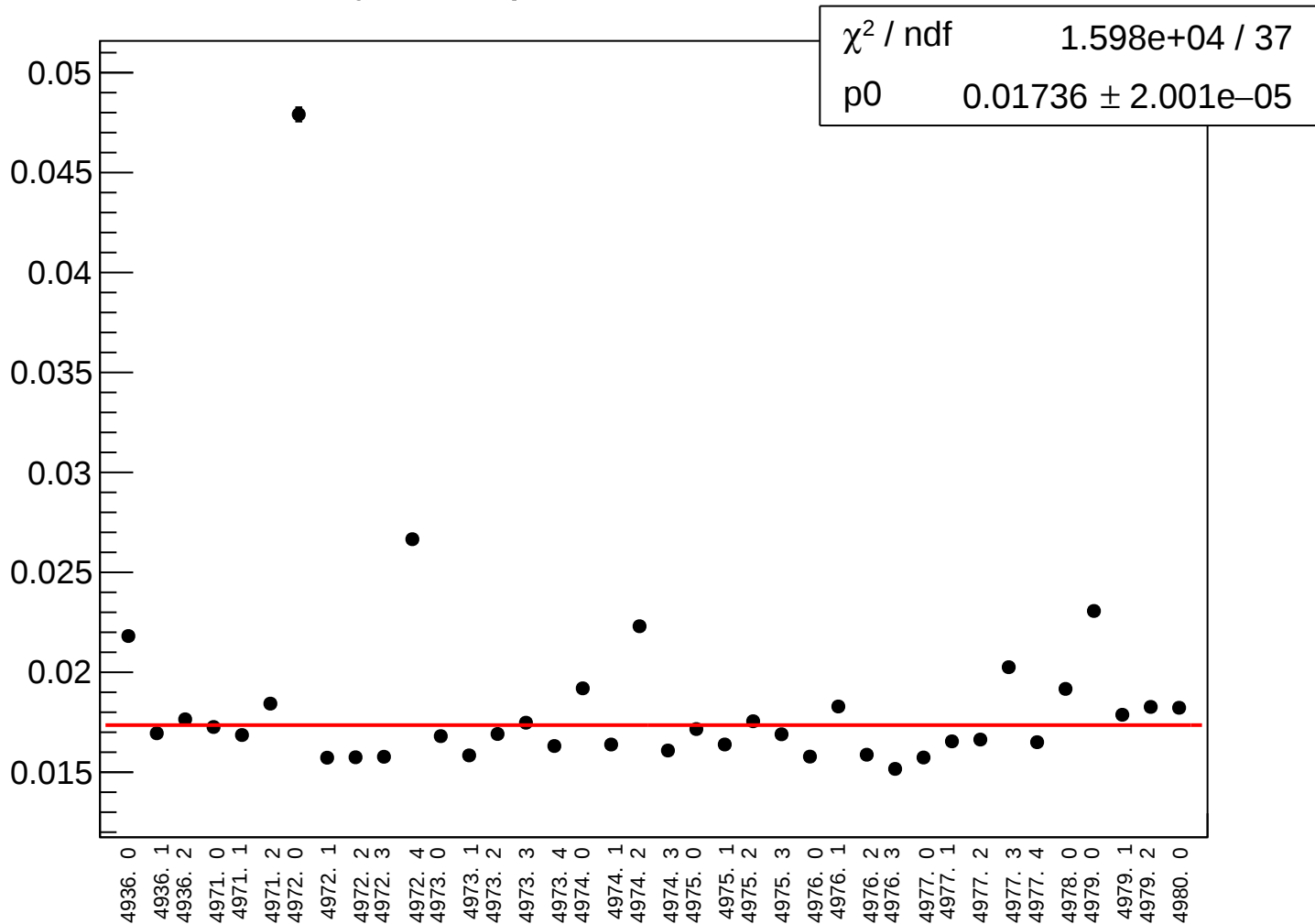
# yield\_bpm0l07Y\_rms vs run



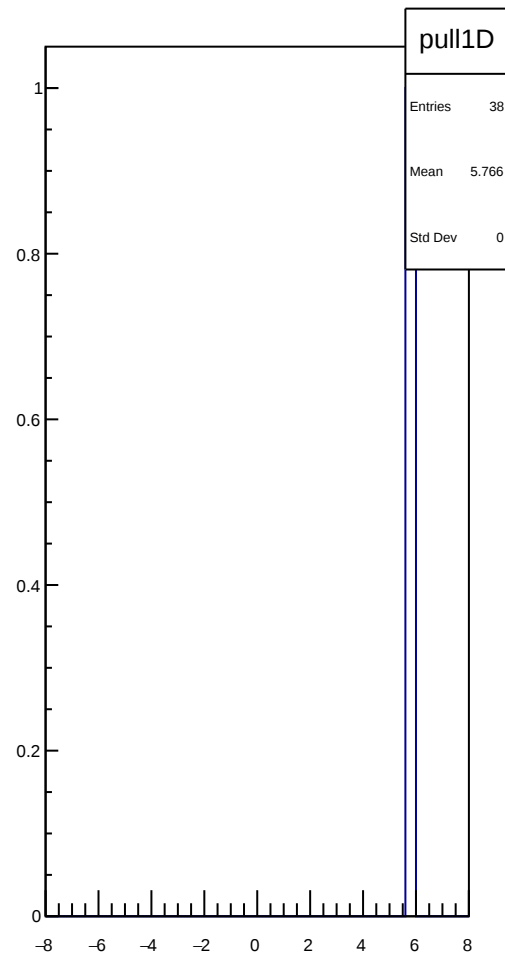
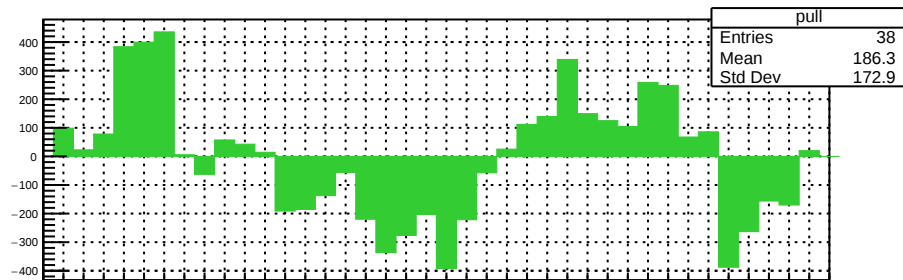
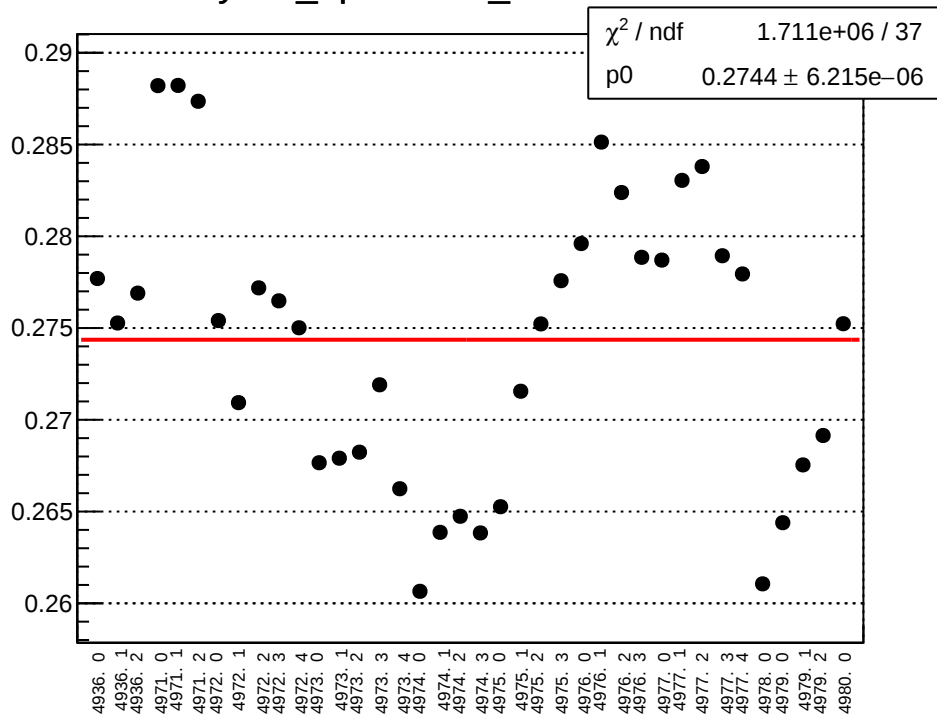
# yield\_bpm0l08X\_mean vs run



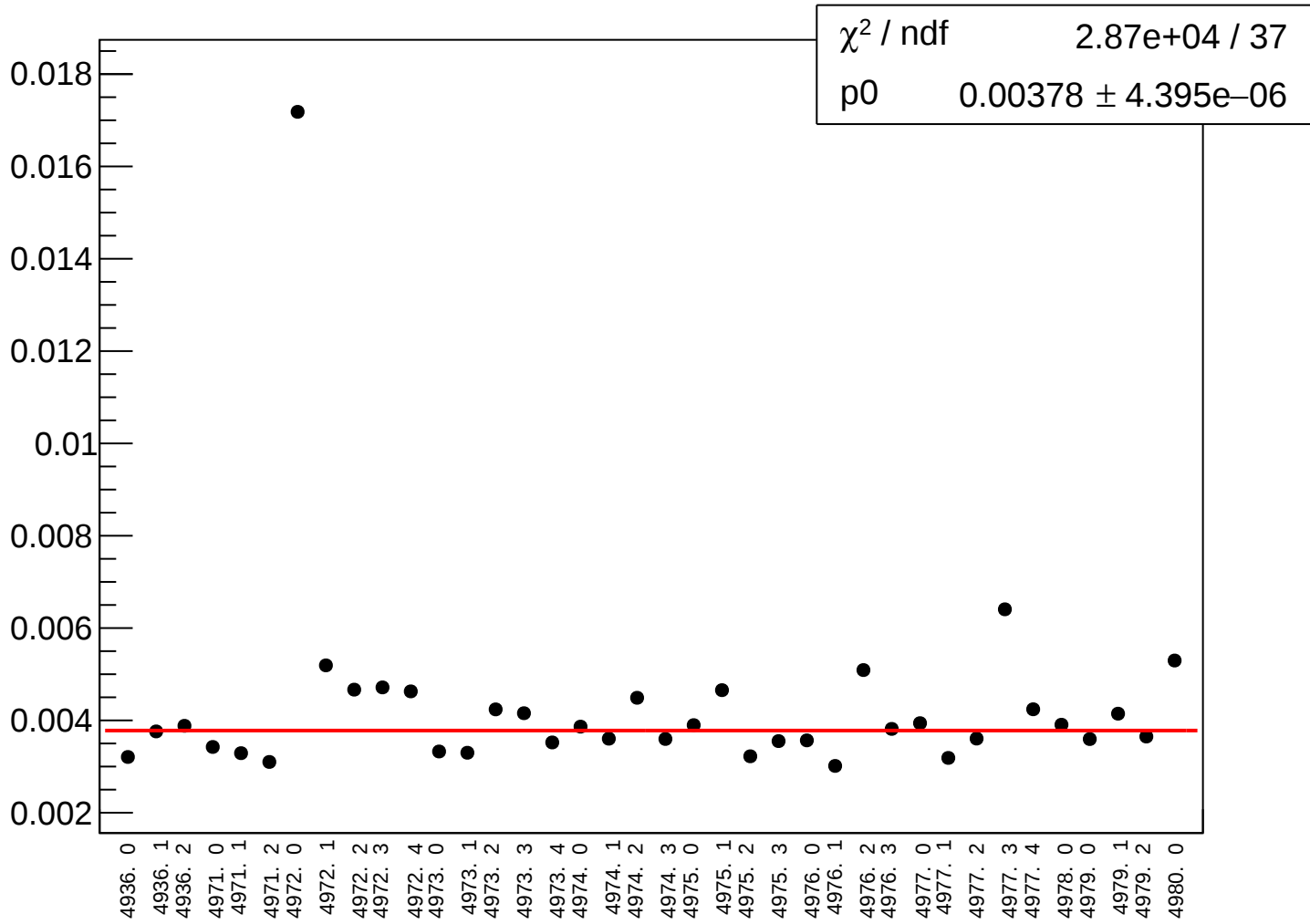
# yield\_bpm0l08X\_rms vs run



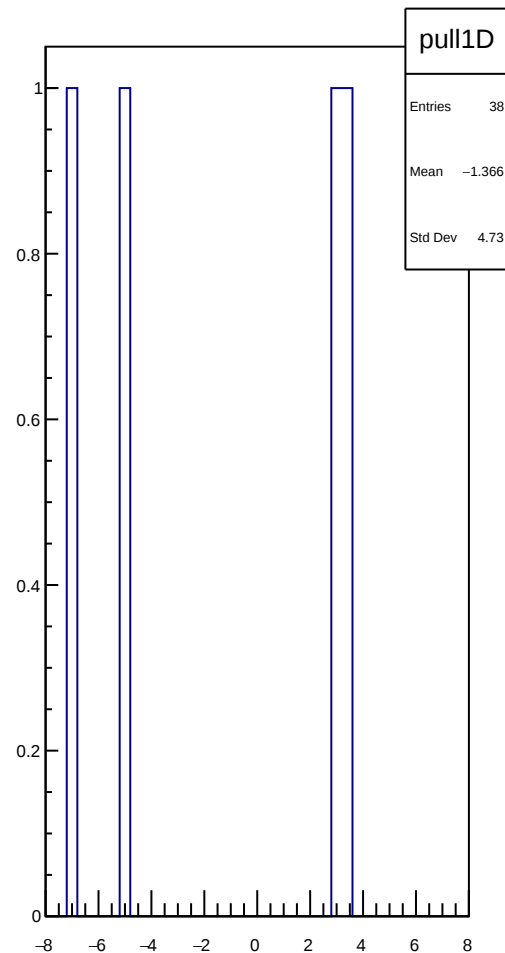
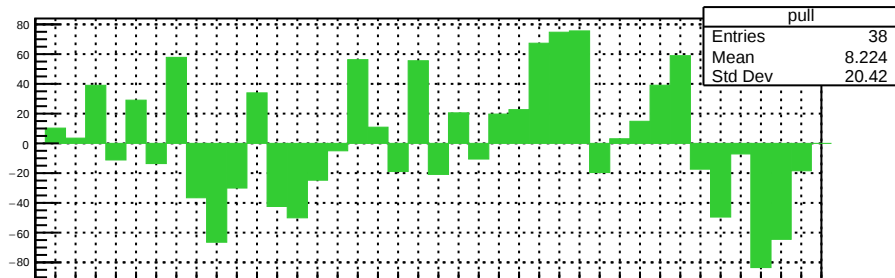
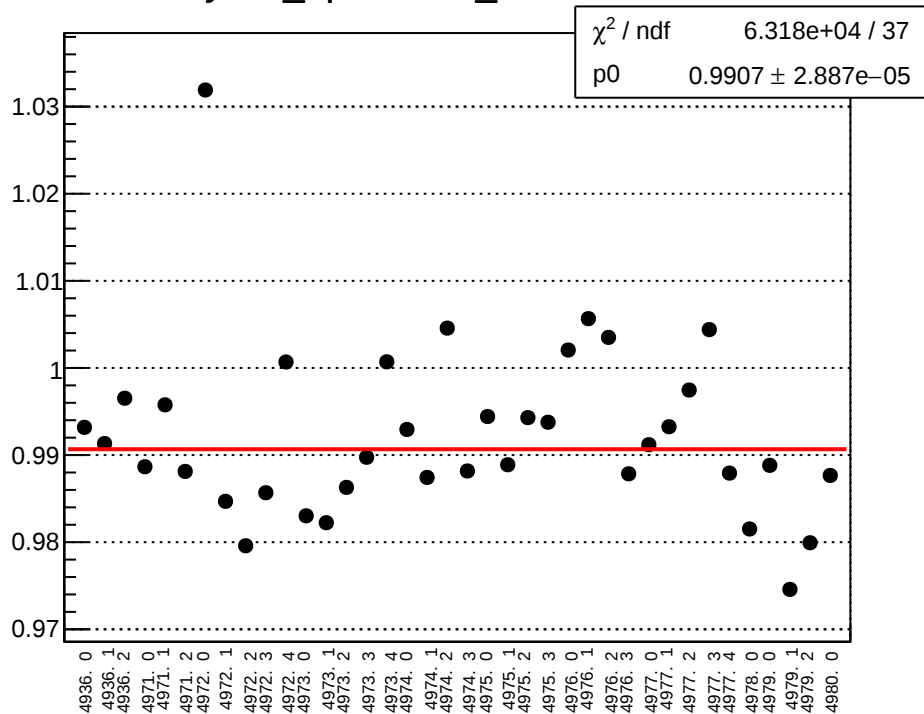
yield\_bpm0l08Y\_mean vs run



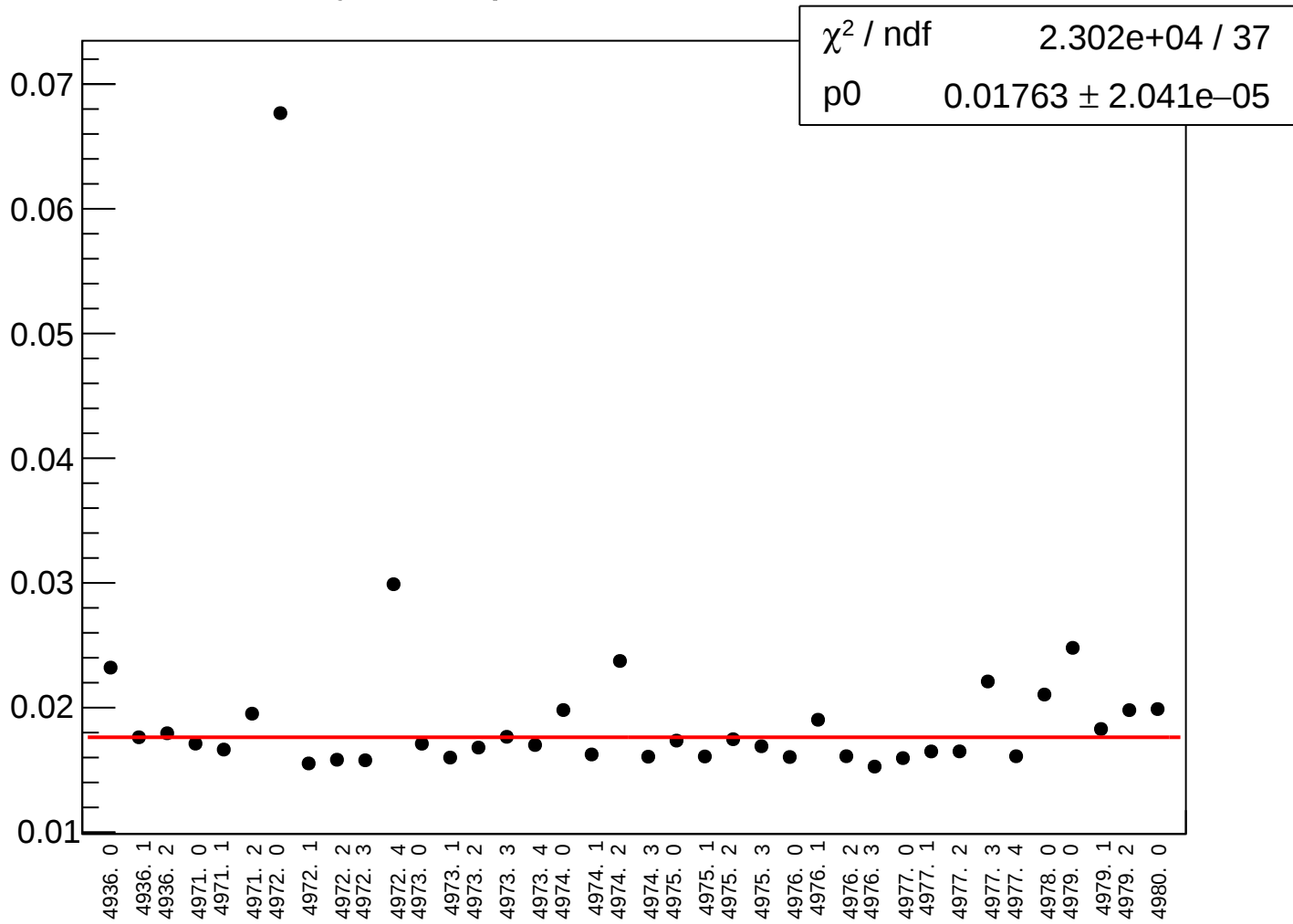
# yield\_bpm0l08Y\_rms vs run



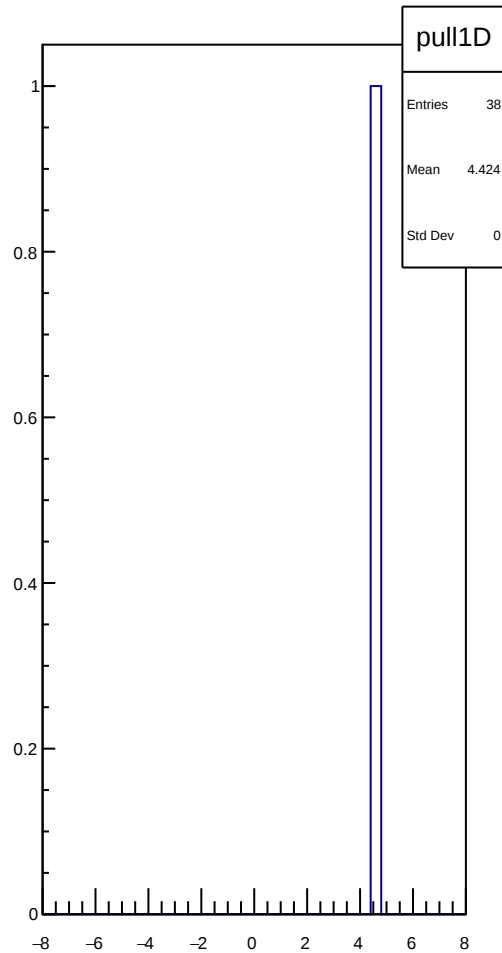
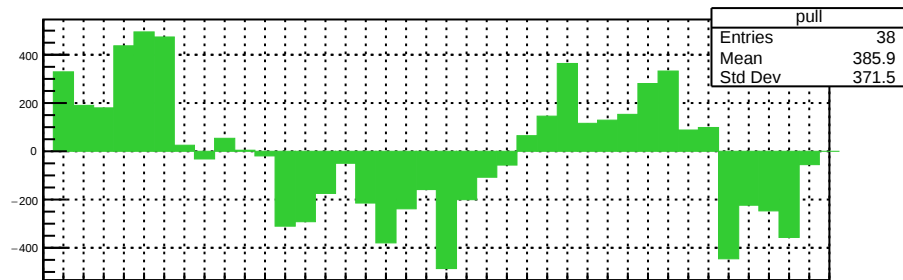
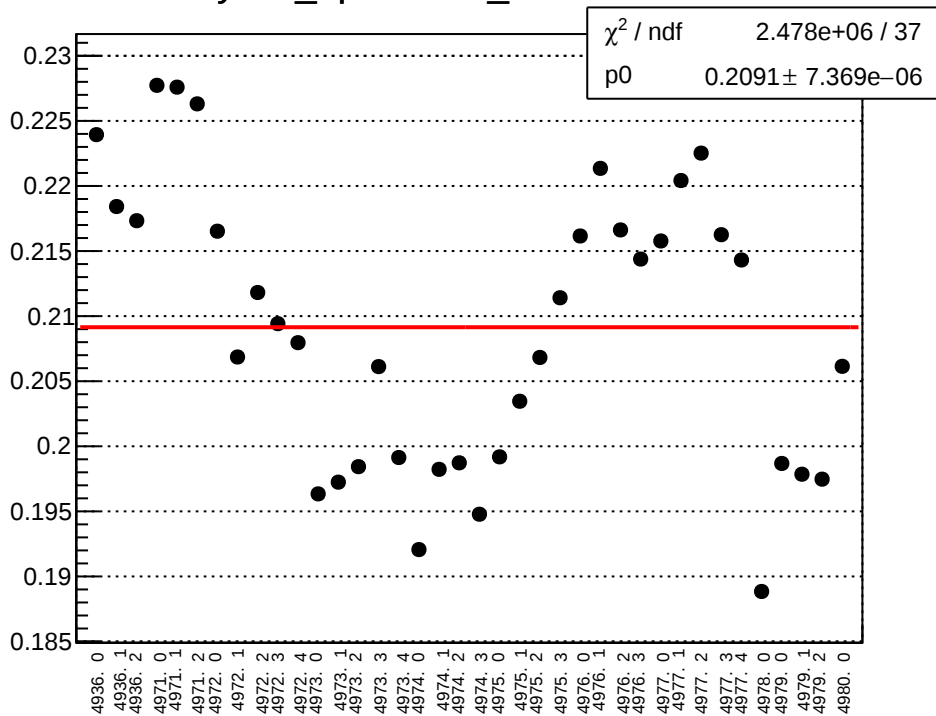
# yield\_bpm0l09X\_mean vs run



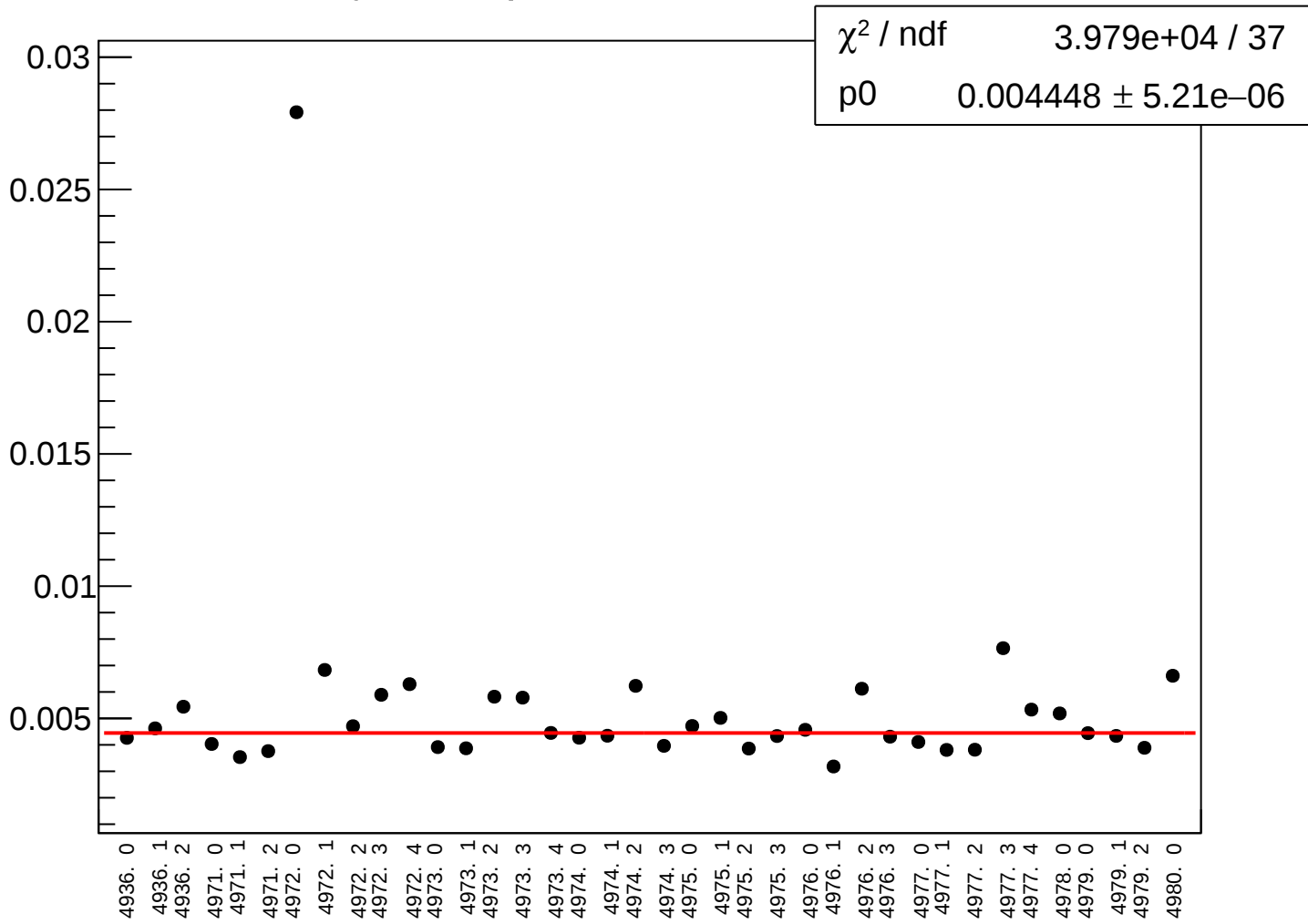
# yield\_bpm0l09X\_rms vs run



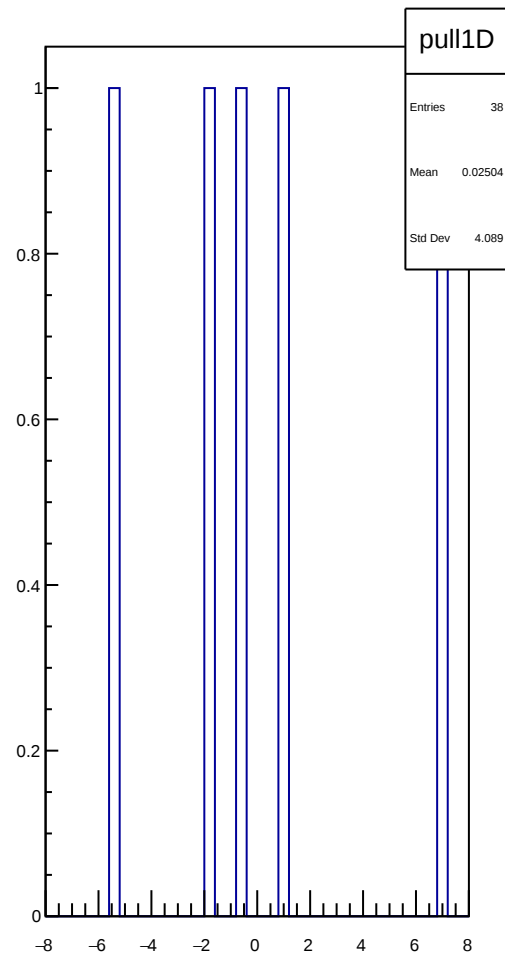
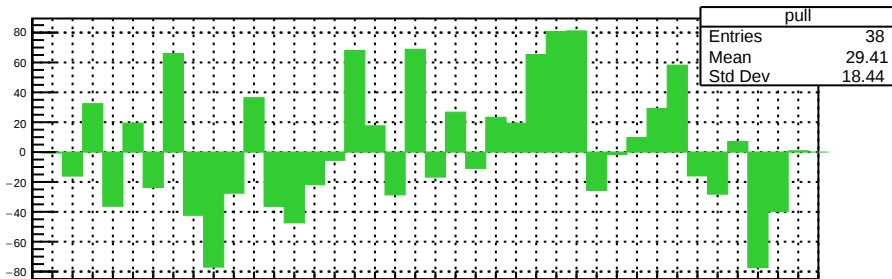
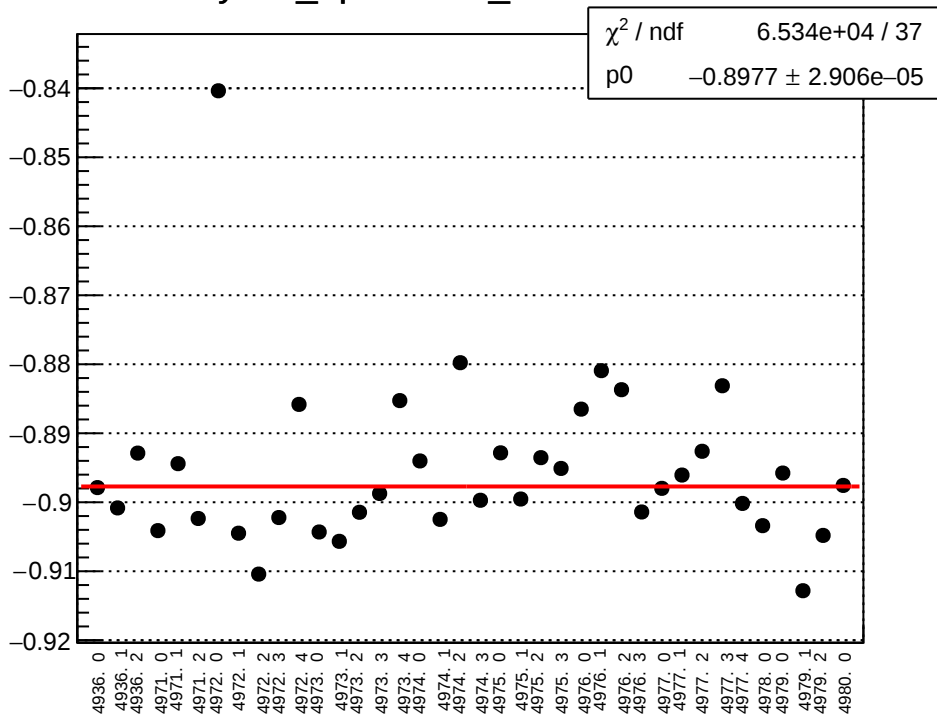
# yield\_bpm0l09Y\_mean vs run



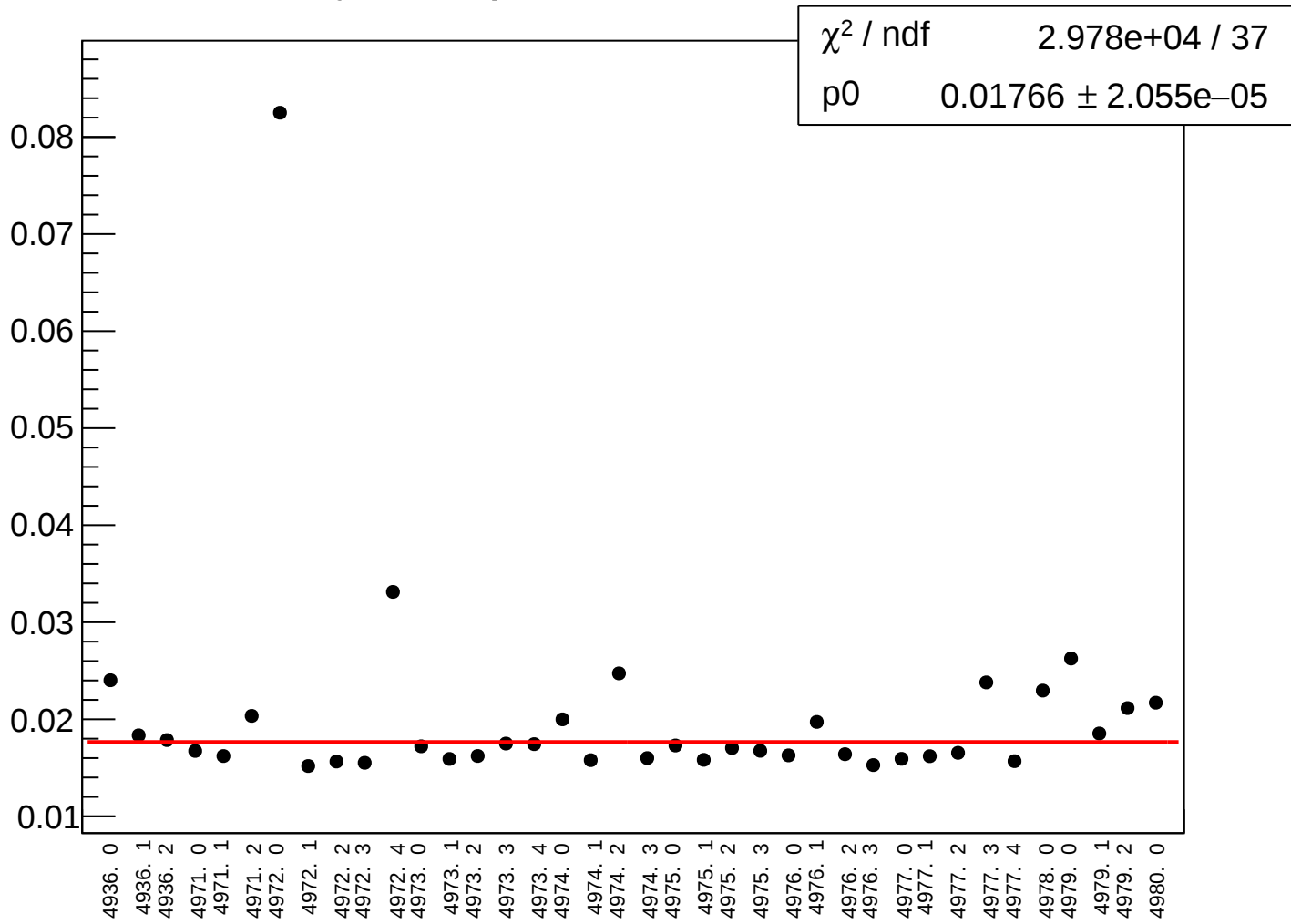
# yield\_bpm0l09Y\_rms vs run



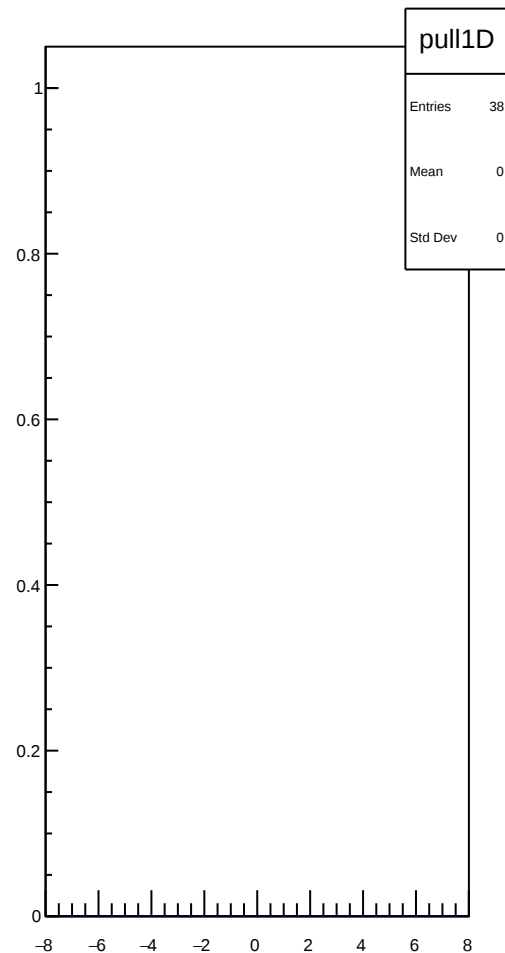
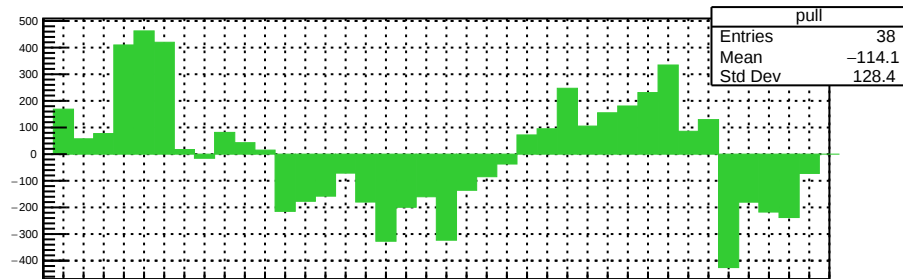
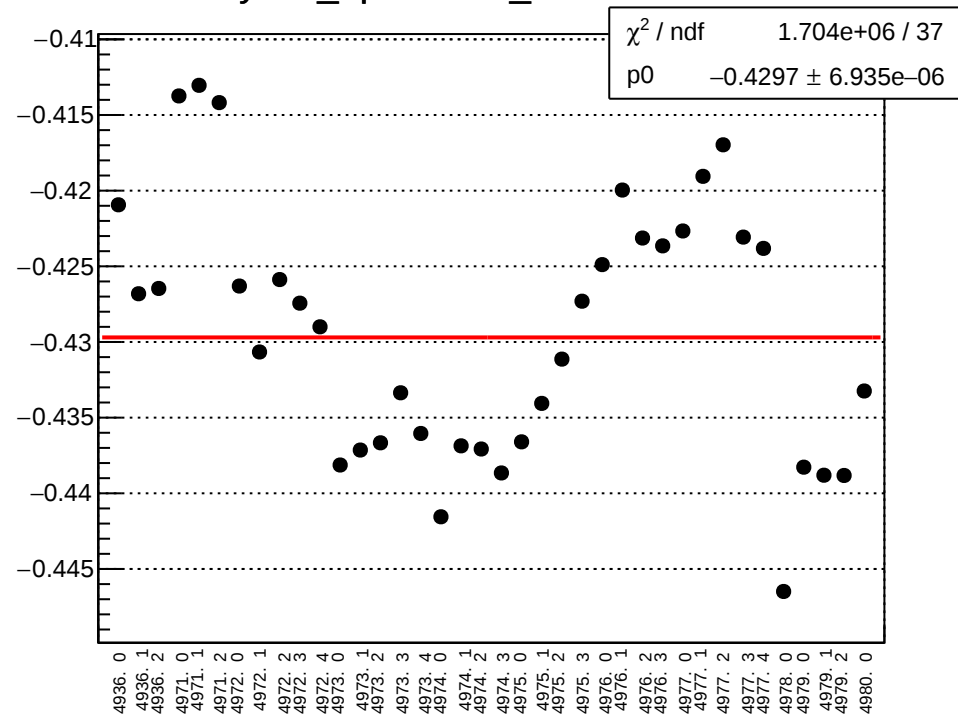
# yield\_bpm0l10X\_mean vs run



# yield\_bpm0l10X\_rms vs run



yield\_bpm0l10Y\_mean vs run



# yield\_bpm0l10Y\_rms vs run

