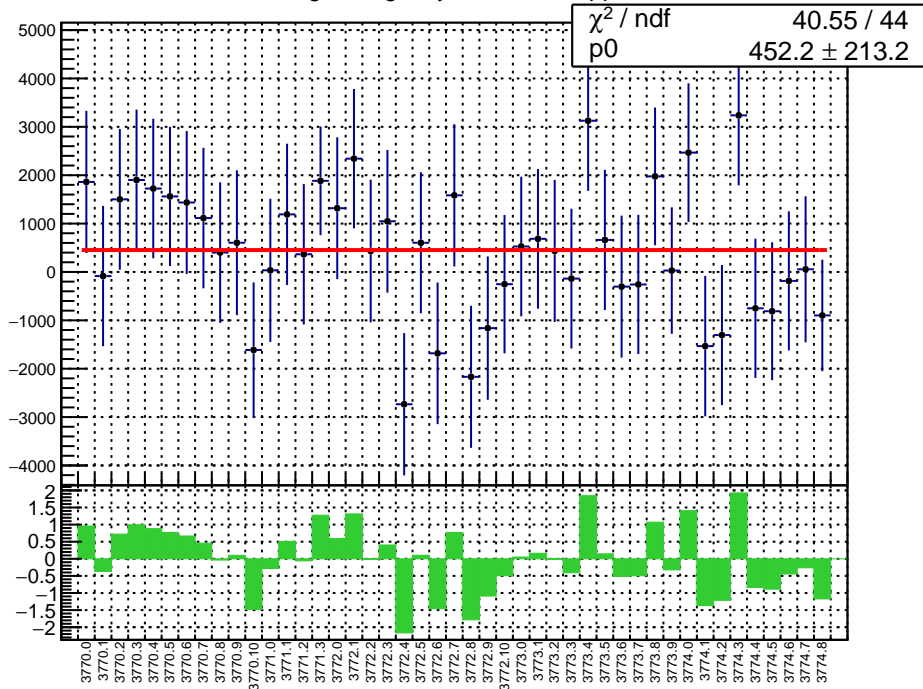
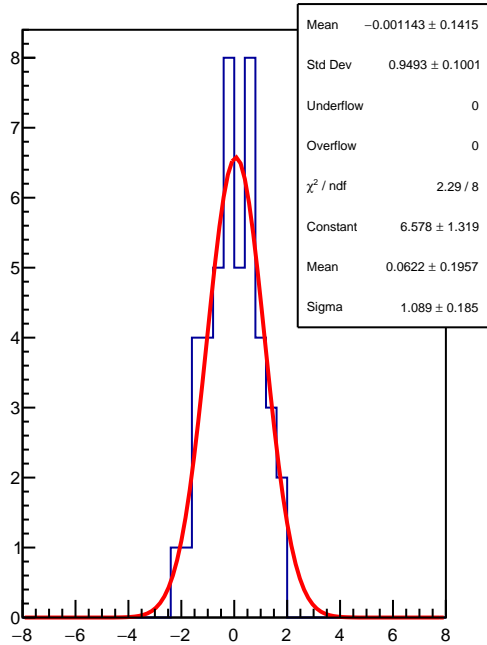


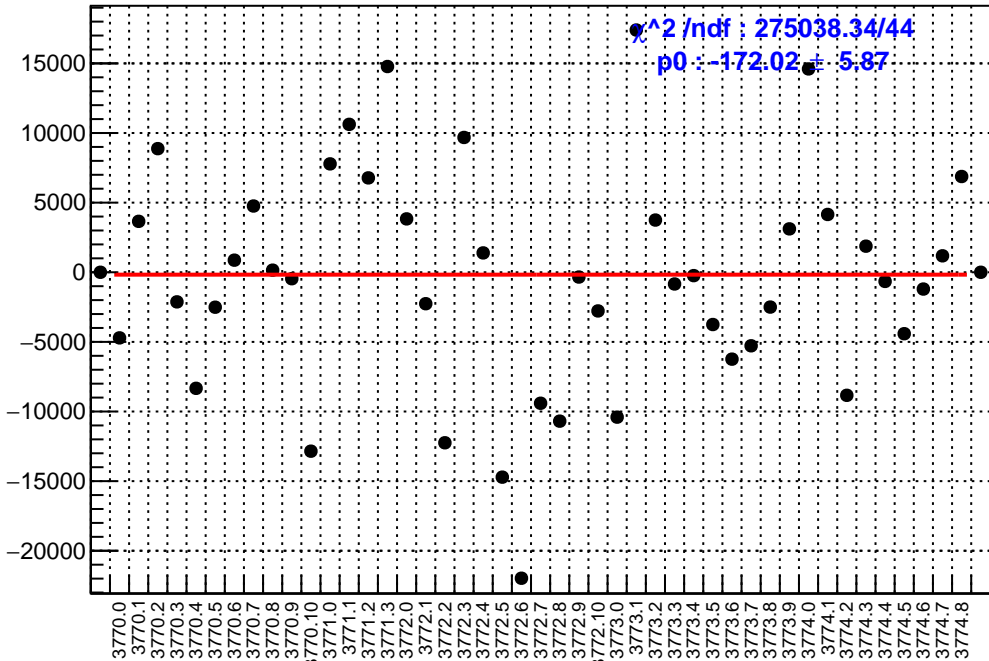
slug23: reg\_asym\_usl.mean/ppb



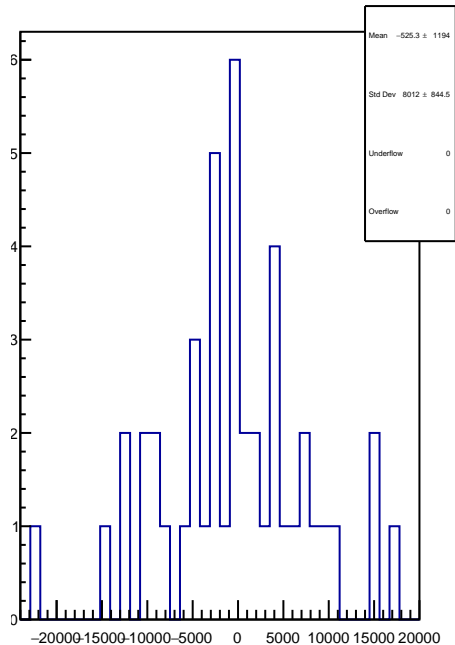
1D pull distribution



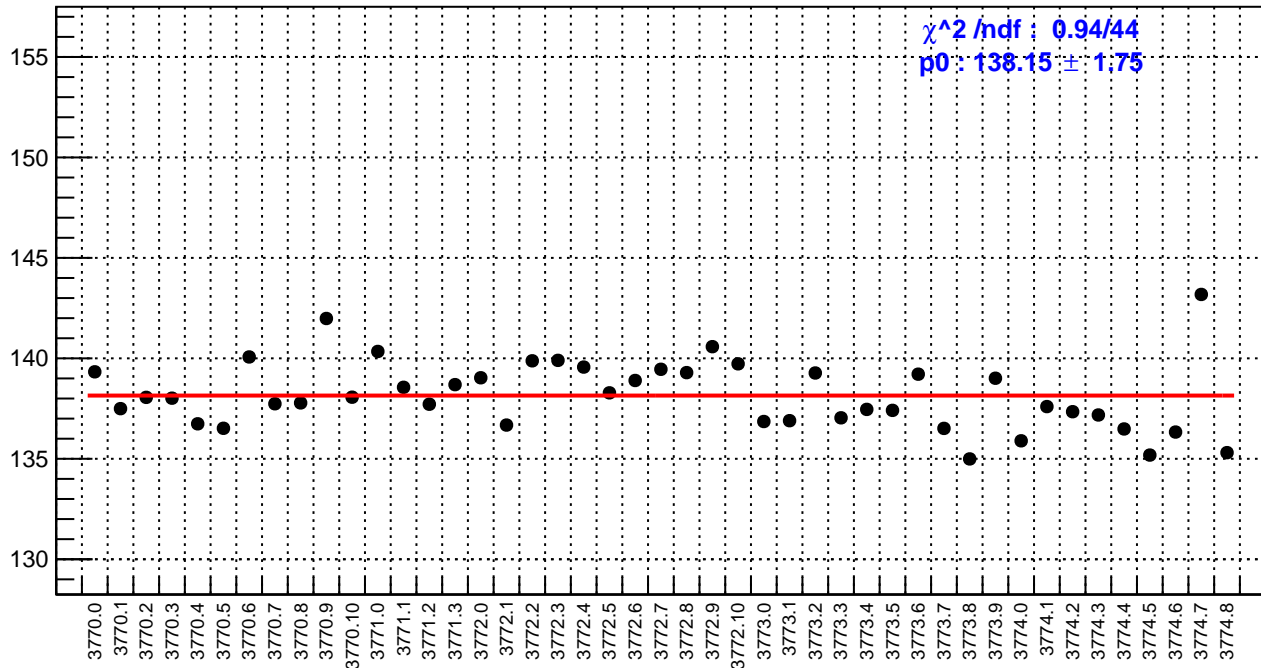
slug23: asym\_usl.mean/ppb-reg\_asym\_usl.mean/ppb



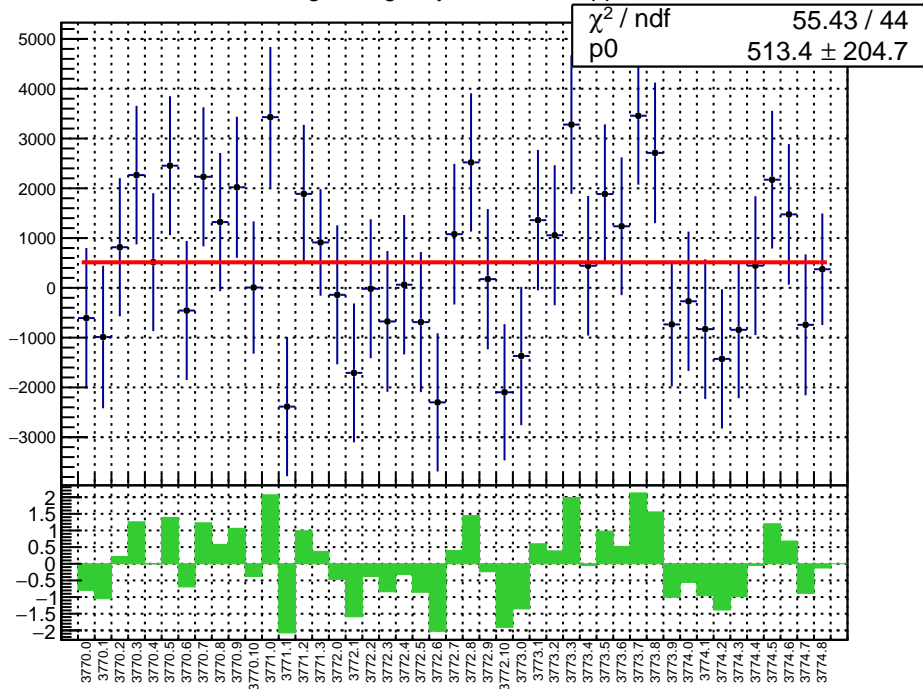
slug23: 1D Corr asym\_usl.mean/ppb-reg\_asym\_usl.mean/ppb



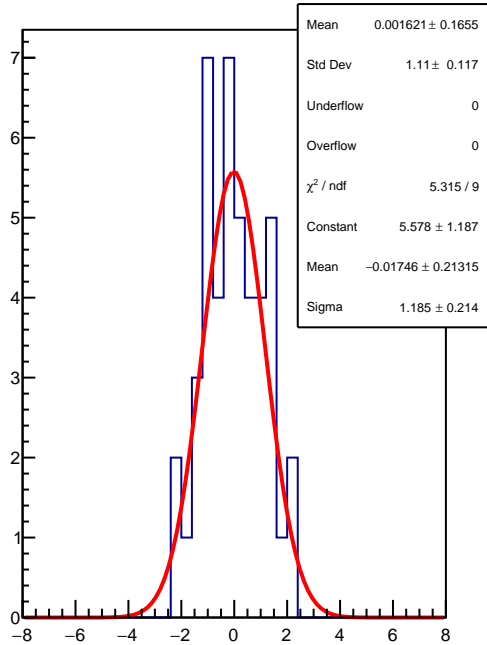
## slug23: reg\_asym\_usl.rms/ppm



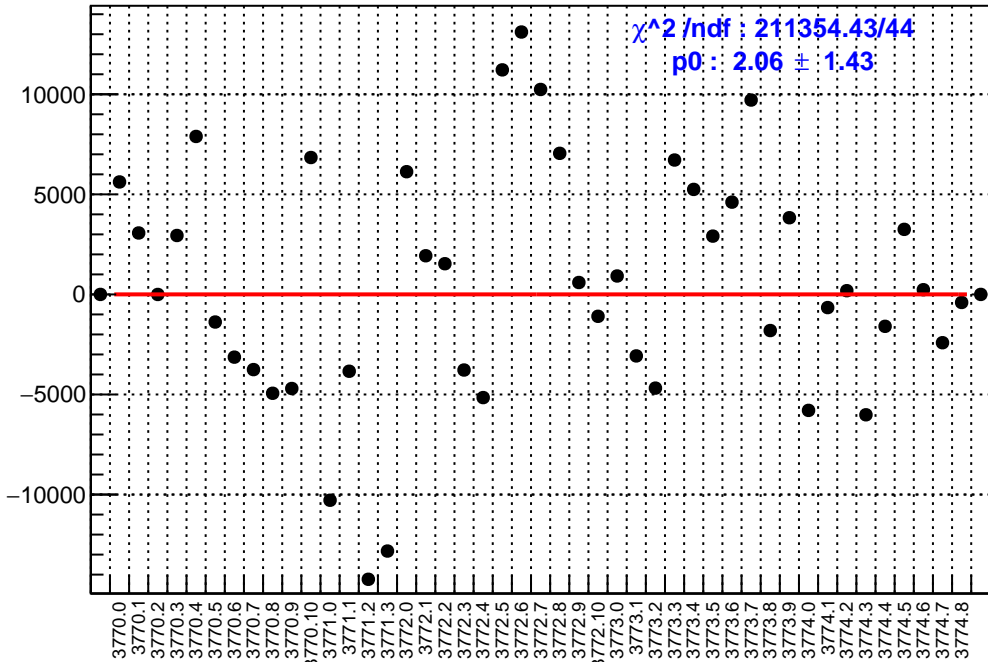
slug23: reg\_asym\_usr.mean/ppb



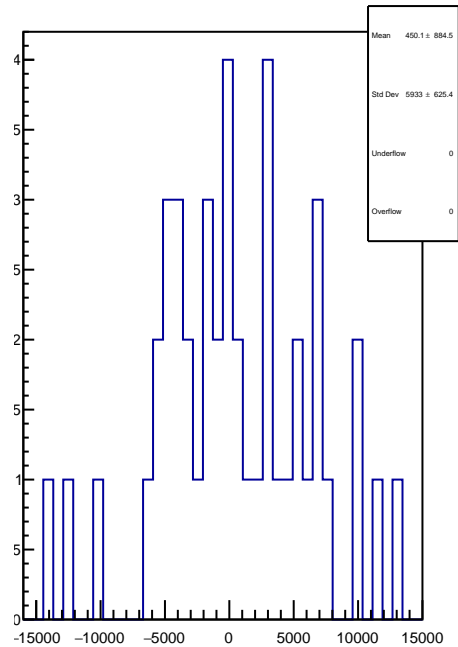
1D pull distribution



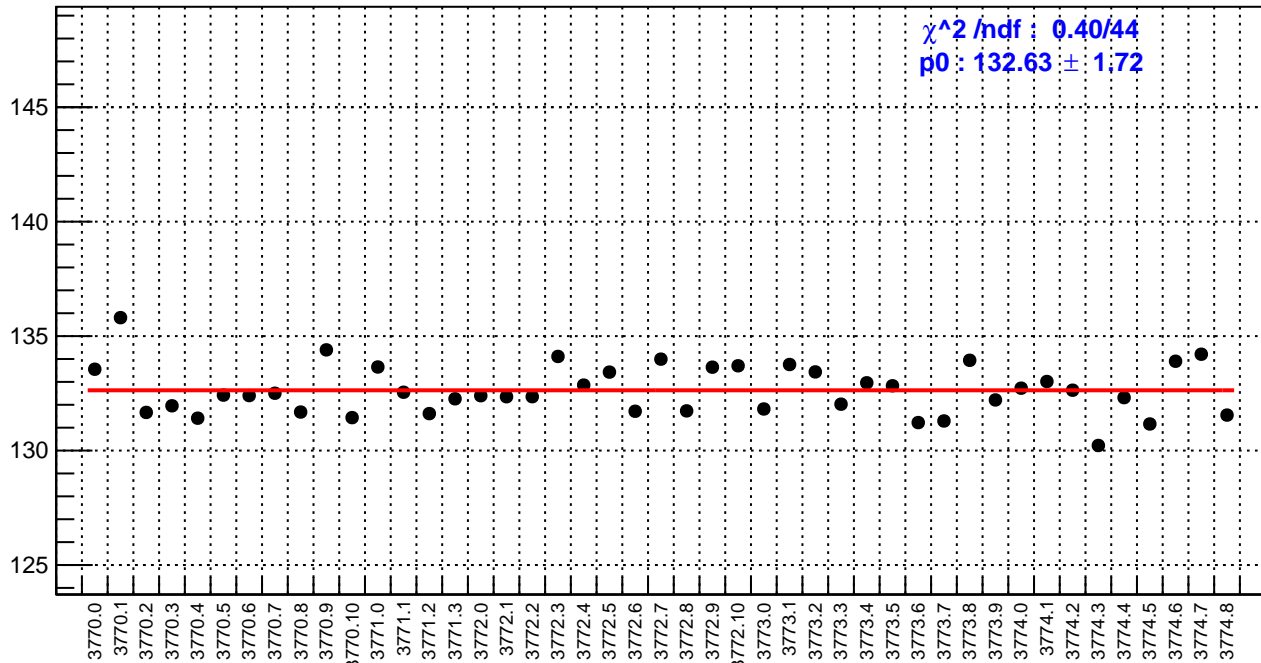
slug23: asym\_usr.mean/ppb-reg\_asym\_usr.mean/ppb



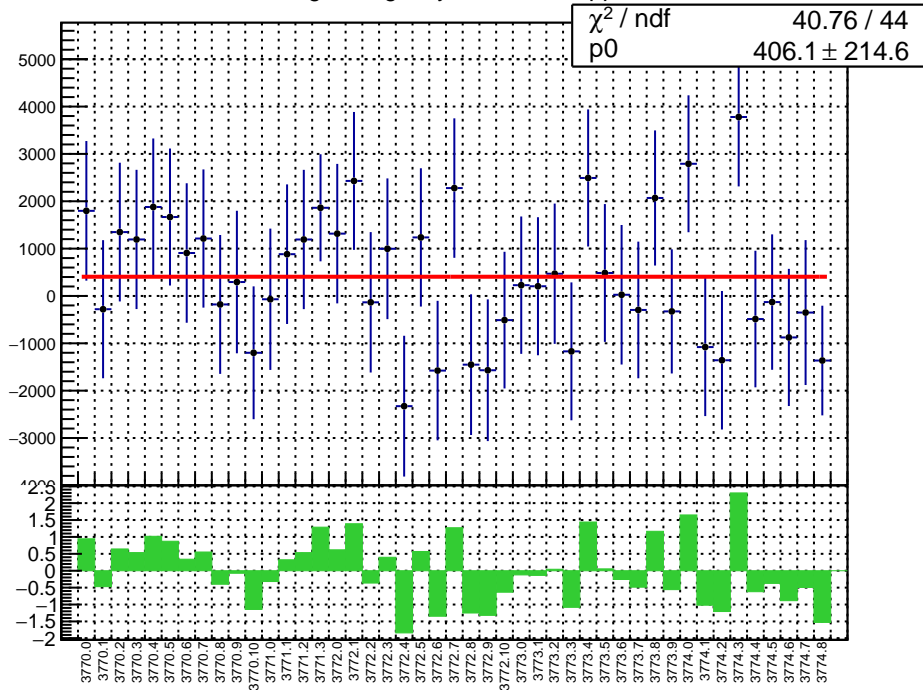
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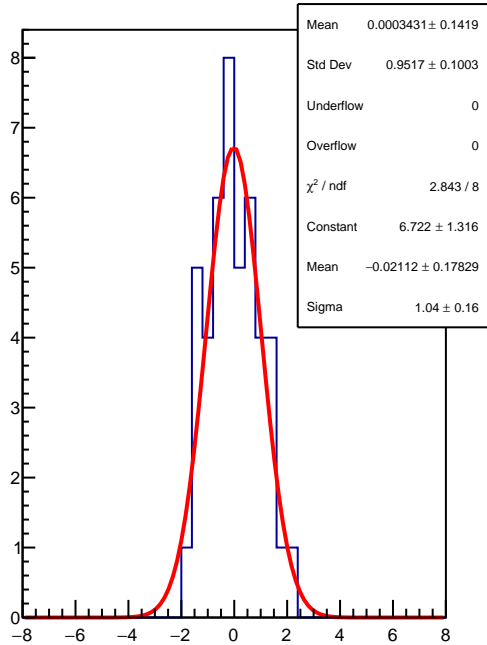
## slug23: reg\_asym\_usr.rms/ppm



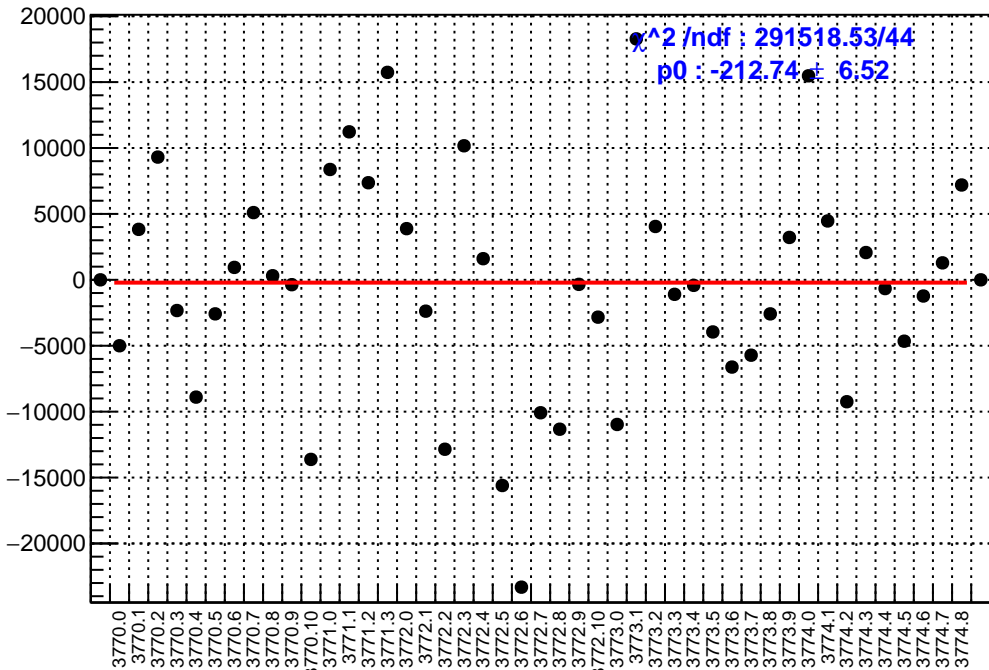
slug23: reg\_asym\_dsl.mean/ppb



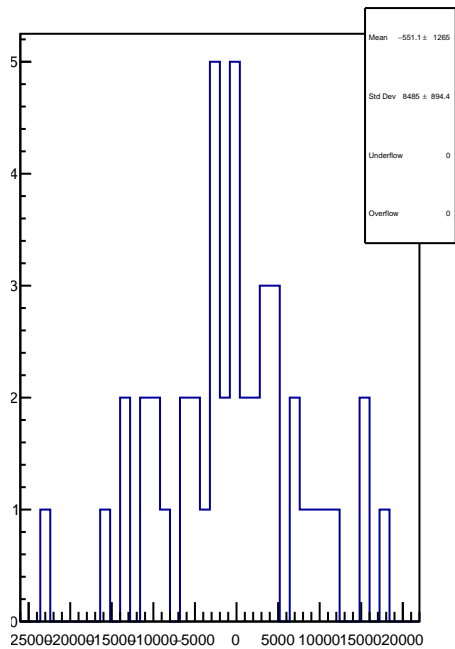
1D pull distribution



slug23: asym\_dsl.mean/ppb-reg\_asym\_dsl.mean/ppb

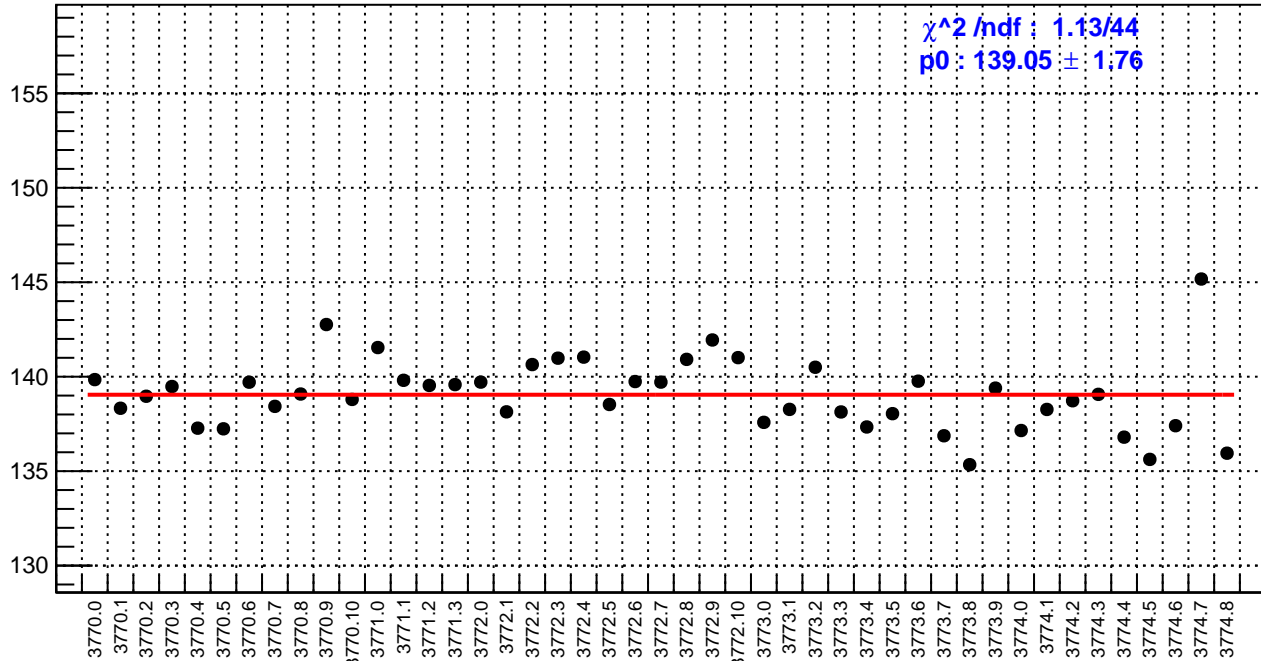


slug23: 1D Corr asym\_dsl.mean/ppb-reg\_asym\_dsl.mean/ppb

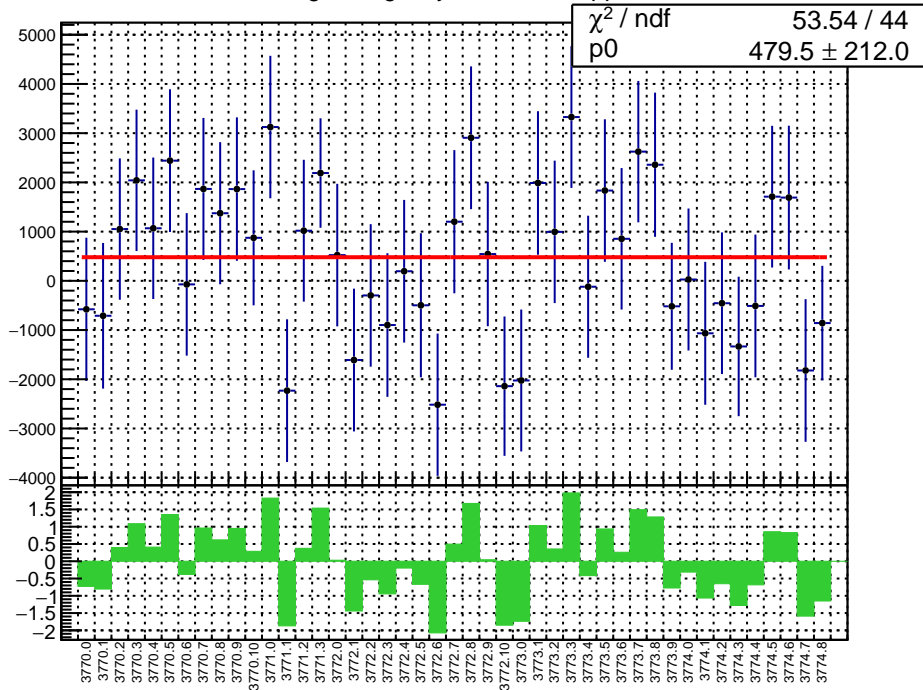




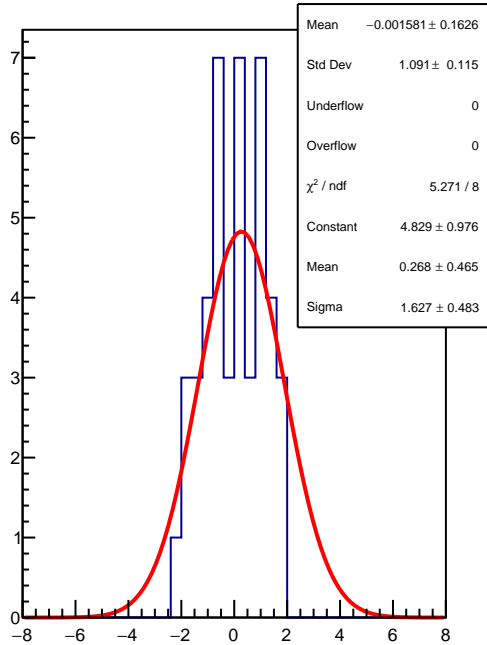
## slug23: reg\_asym\_dsl.rms/ppm



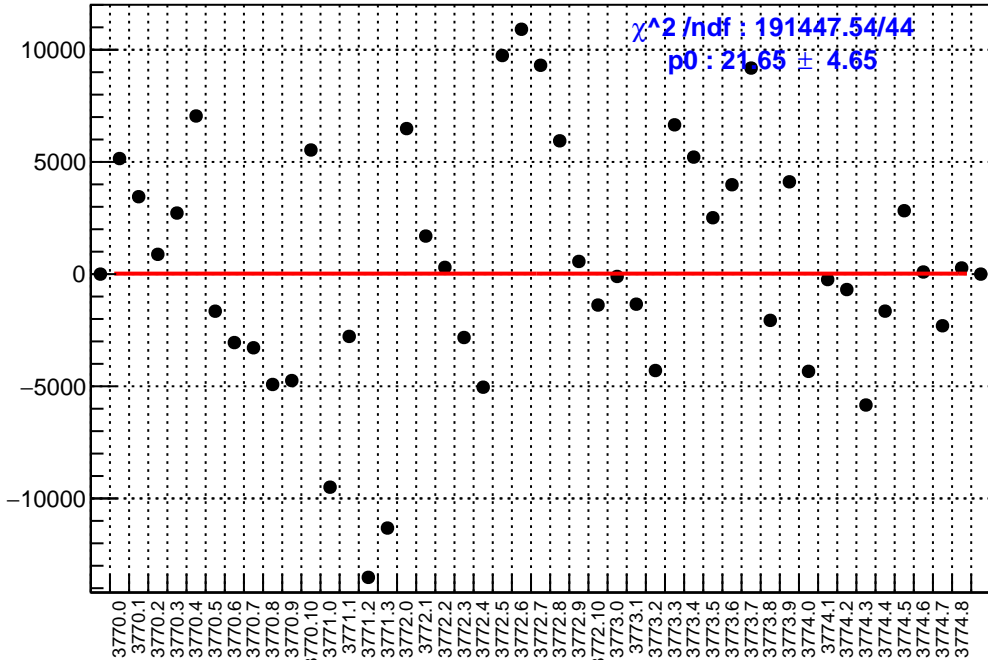
slug23: reg\_asym\_dsr.mean/ppb



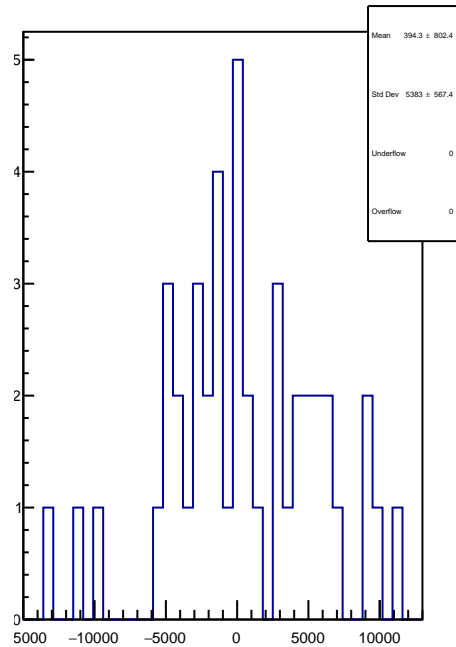
1D pull distribution



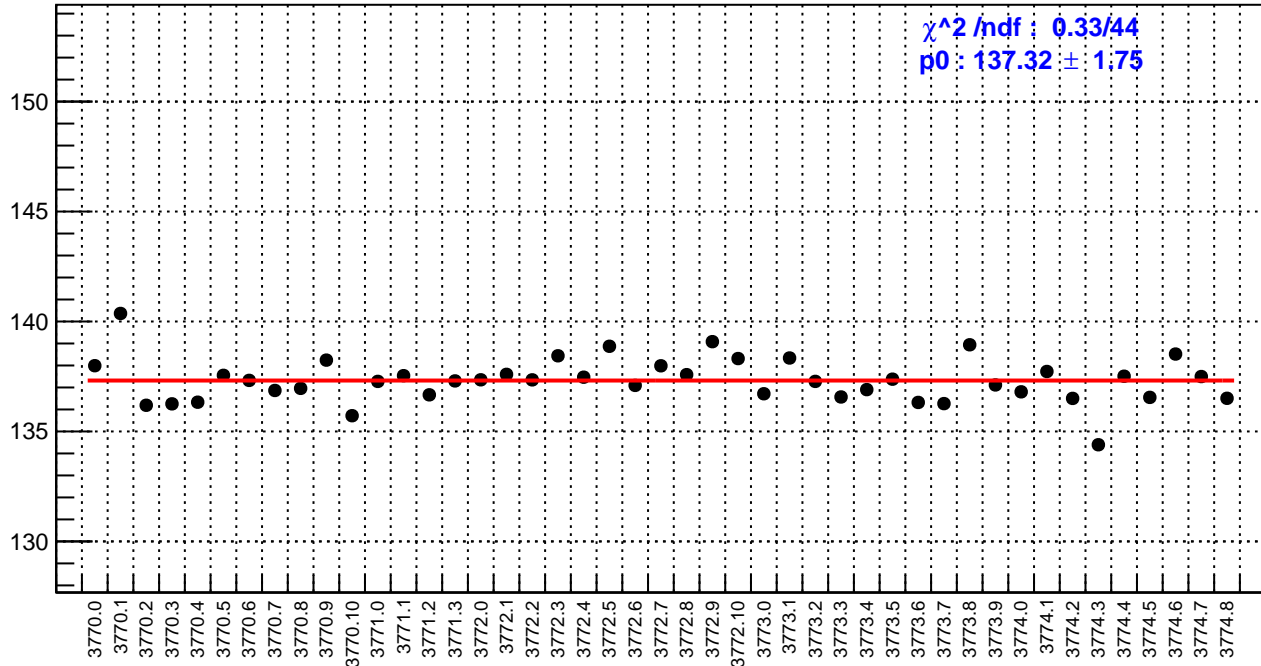
slug23: asym\_dsr.mean/ppb-reg\_asym\_dsr.mean/ppb



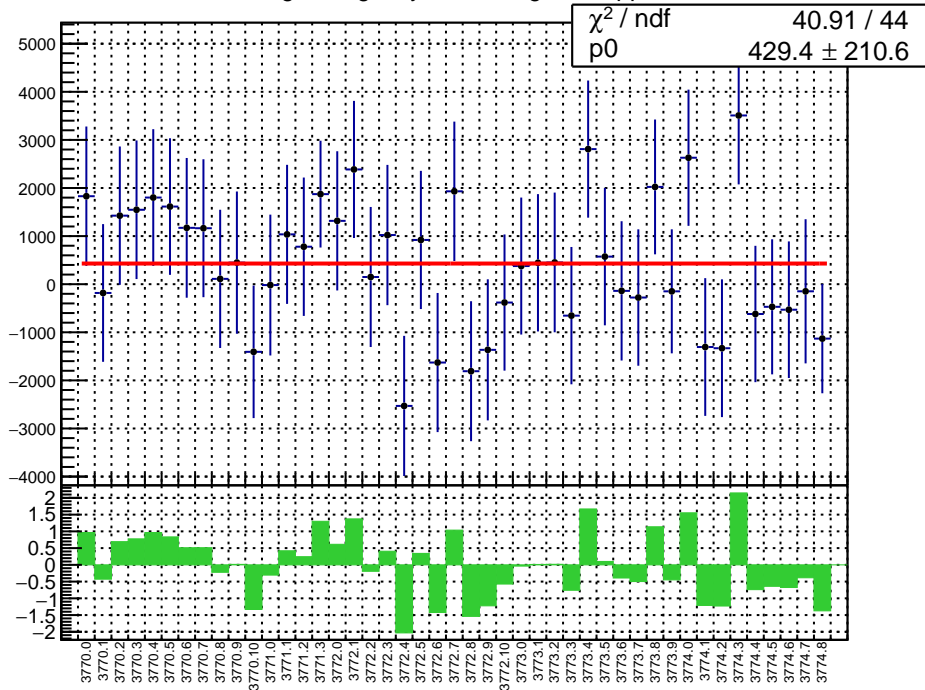
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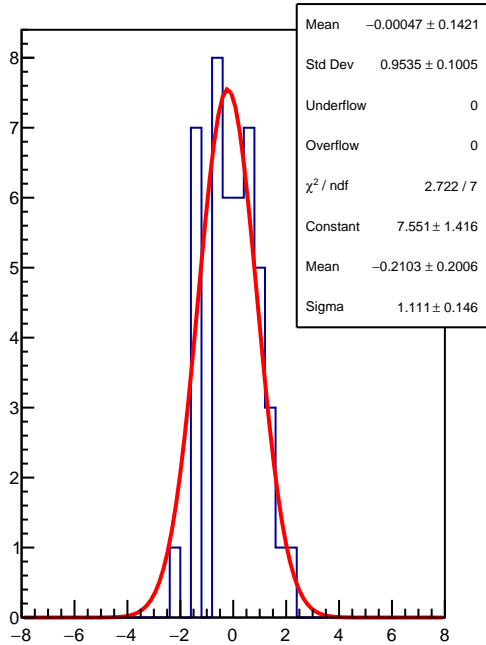
## slug23: reg\_asym\_dsr.rms/ppm



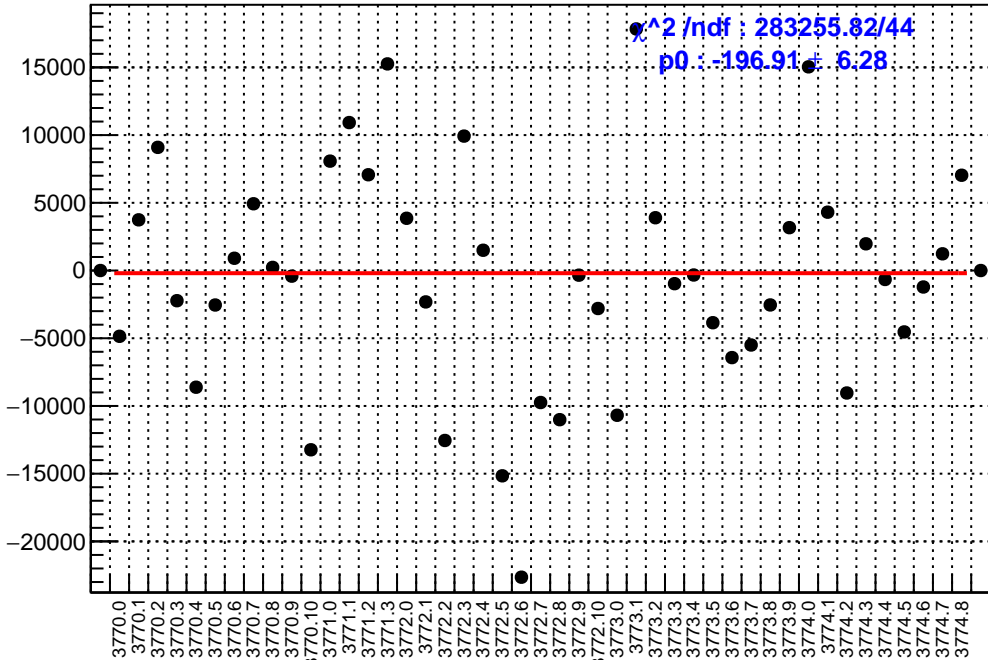
slug23: reg\_asym\_left\_avg.mean/ppb



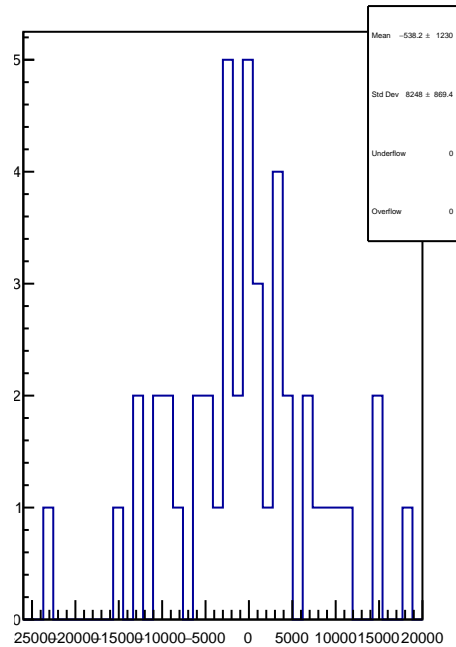
1D pull distribution



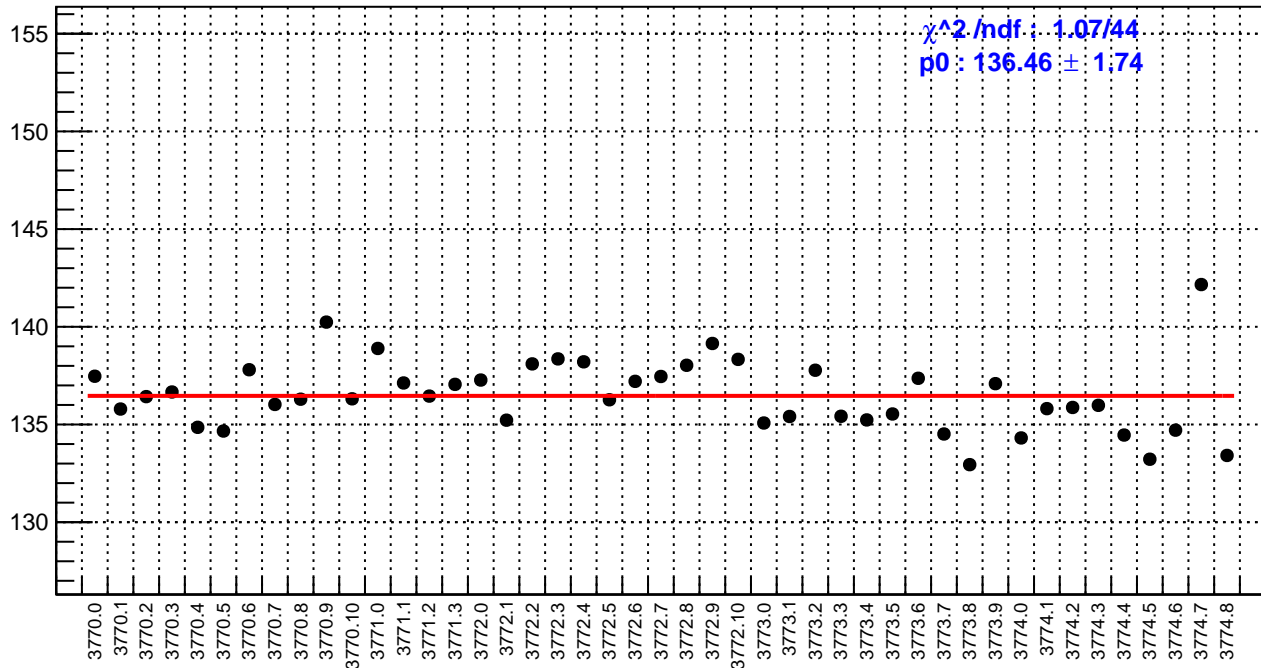
slug23: asym\_left\_avg.mean/ppb-reg\_asym\_left\_avg.mean/ppb



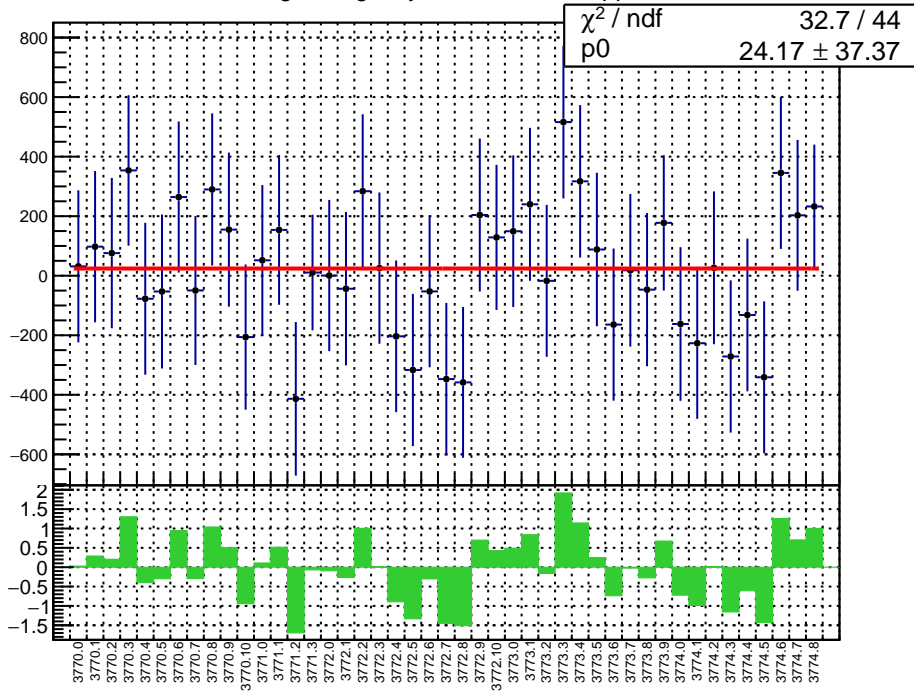
slug23: 1D Corr asym\_left\_avg.mean/ppb-reg\_asym\_left\_avg.mean/ppb



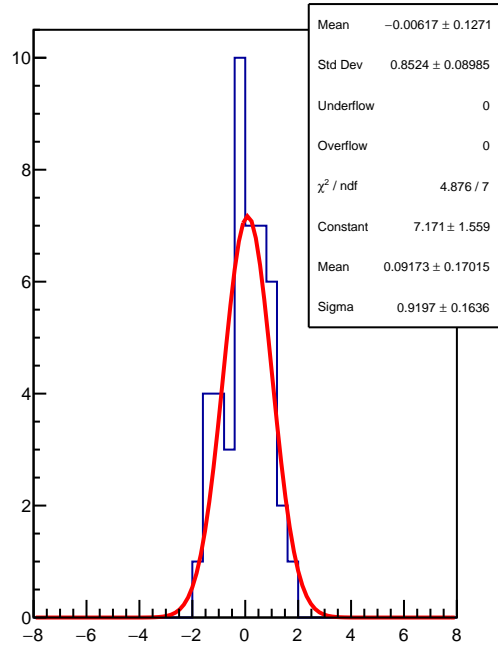
## slug23: reg\_asym\_left\_avg.rms/ppm



slug23: reg\_asym\_left\_dd.mean/ppb

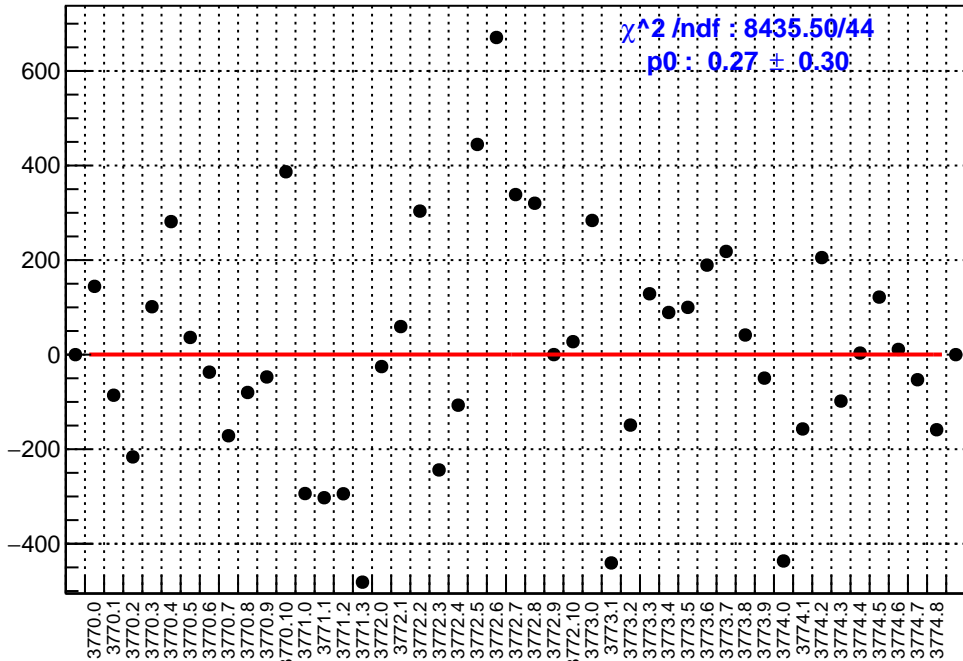


1D pull distribution

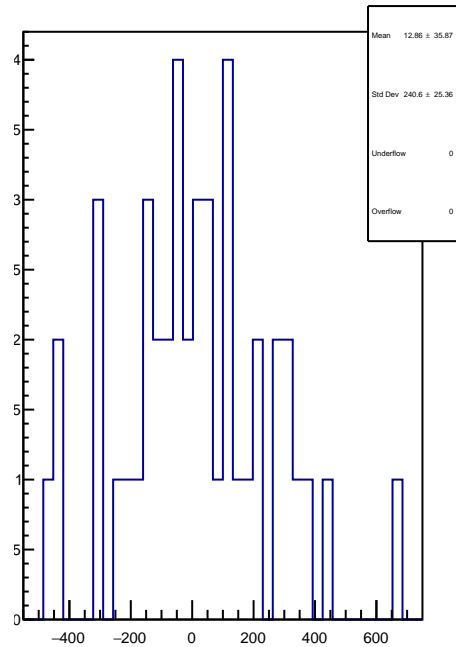




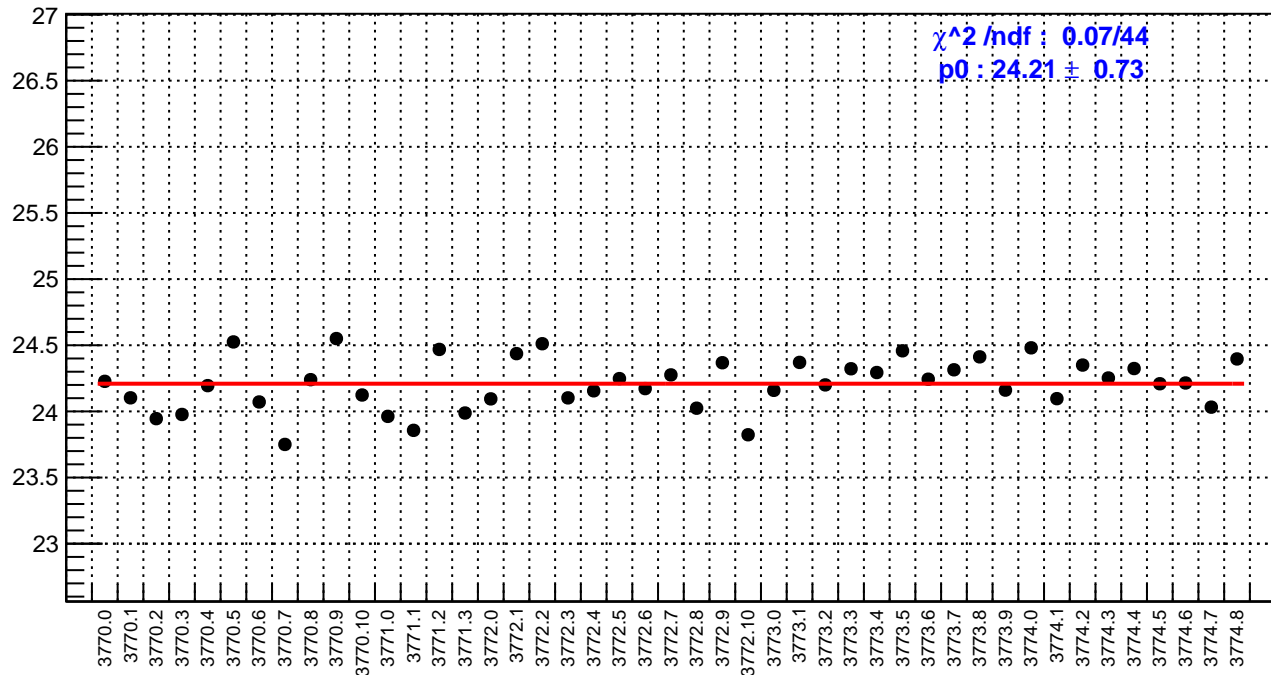
slug23: asym\_left\_dd.mean/ppb-reg\_asym\_left\_dd.mean/ppb



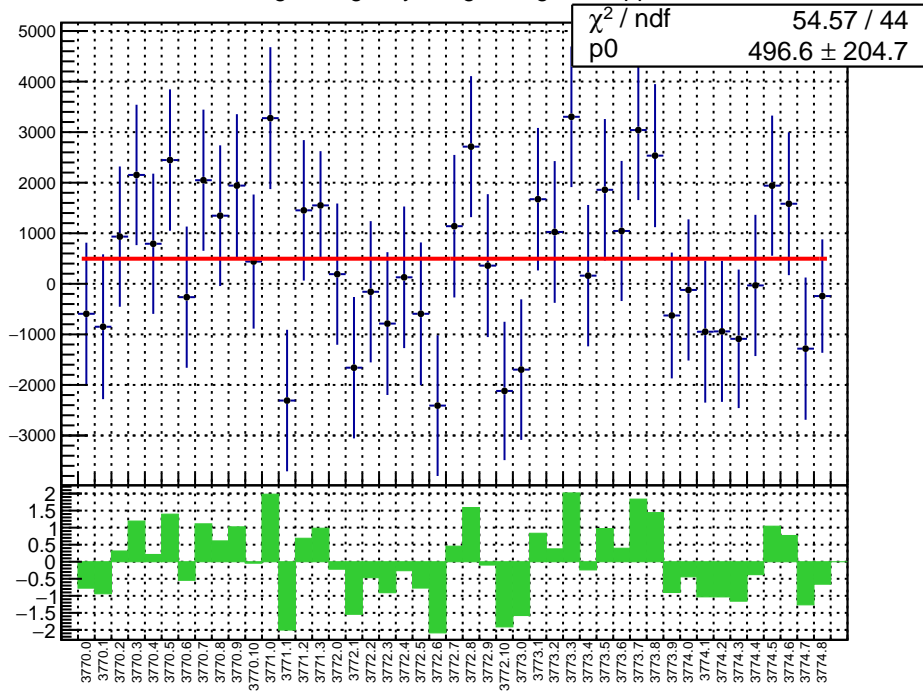
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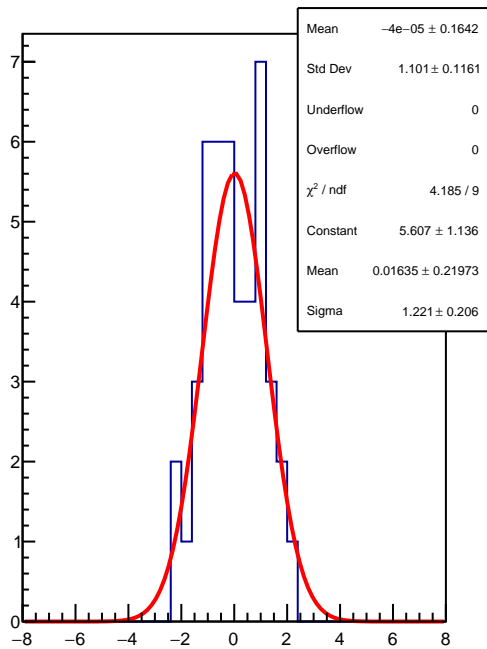
## slug23: reg\_asym\_left\_dd.rms/ppm



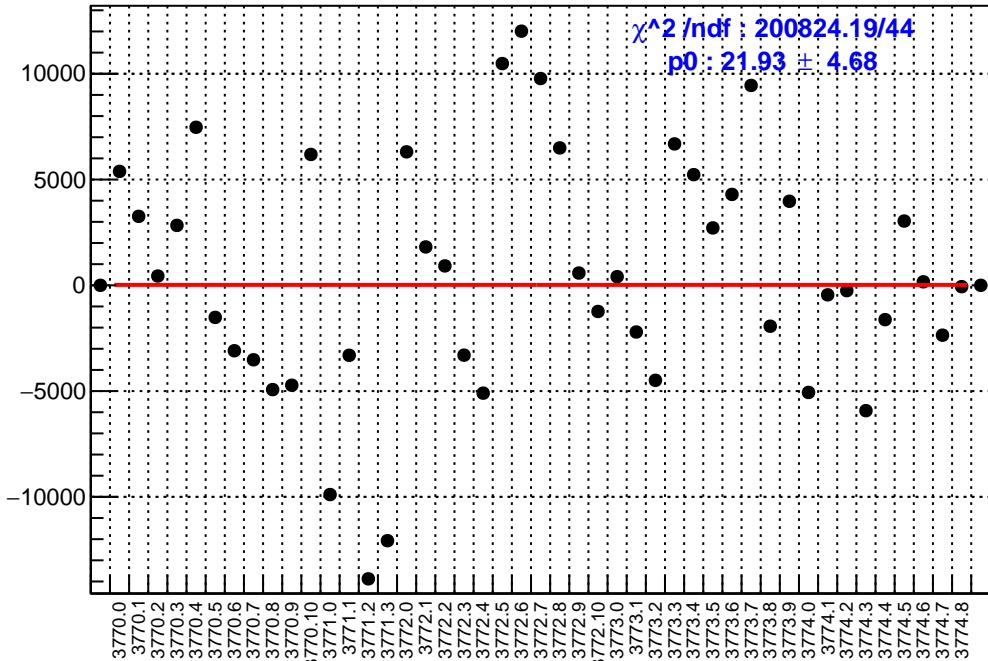
slug23: reg\_asym\_right\_avg.mean/ppb



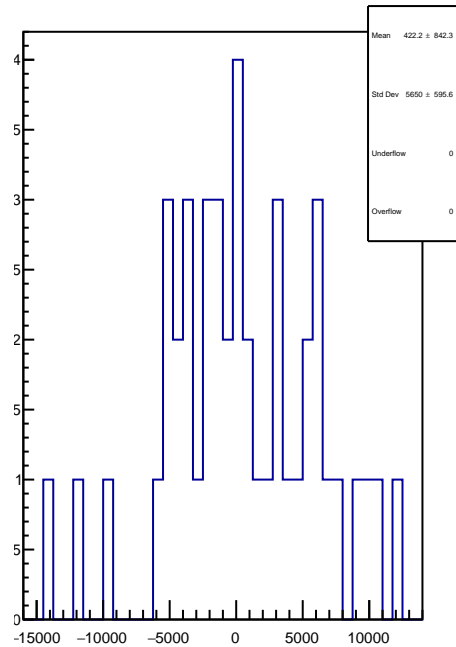
1D pull distribution



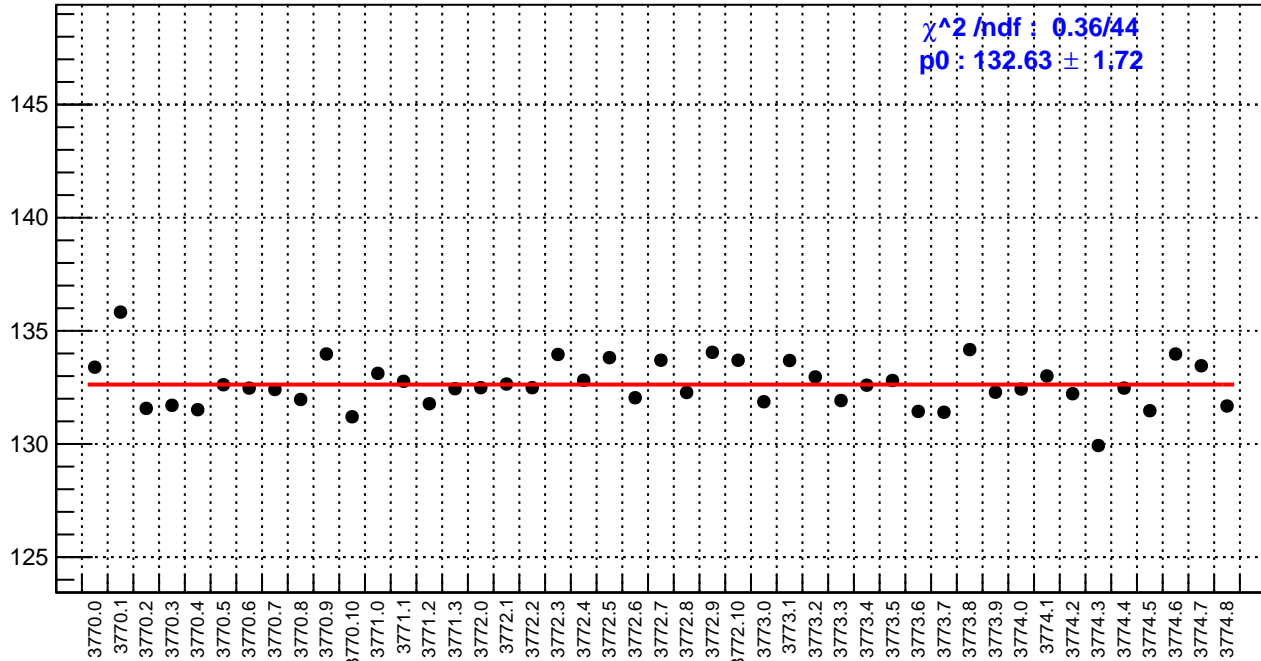
slug23: asym\_right\_avg.mean/ppb-reg\_asym\_right\_avg.mean/ppb



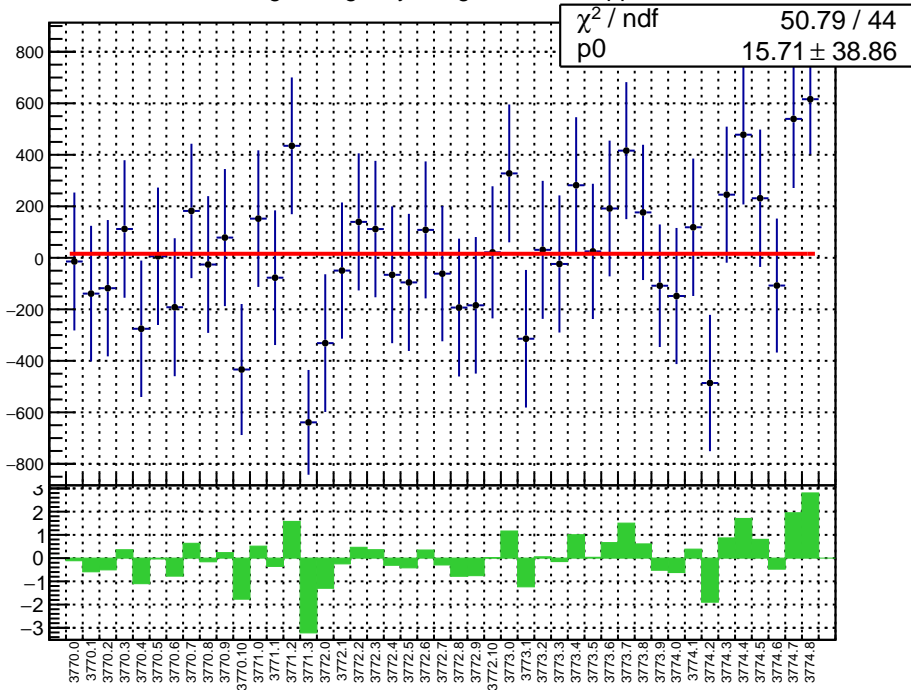
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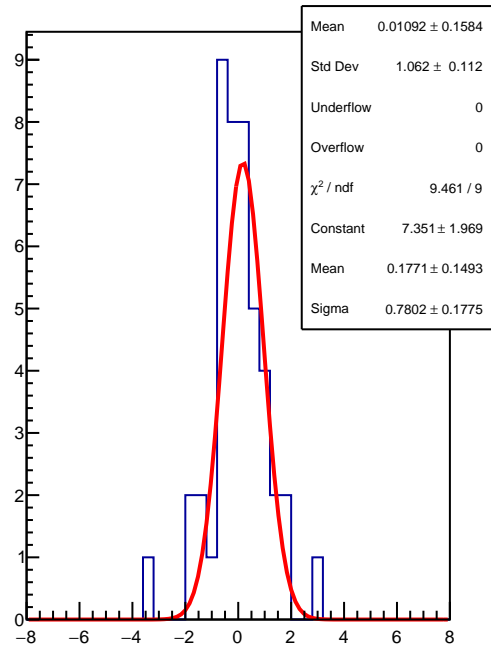
## slug23: reg\_asym\_right\_avg.rms/ppm



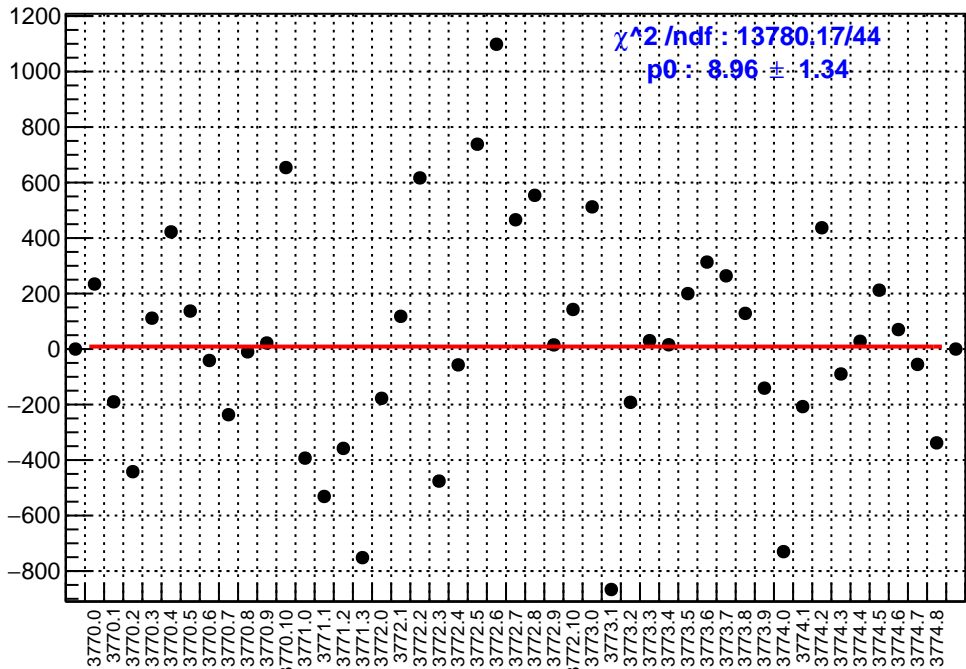
slug23: reg\_asym\_right\_dd.mean/ppb



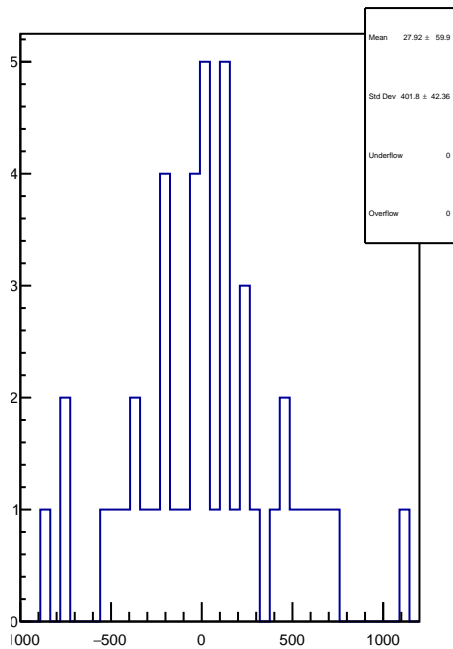
1D pull distribution



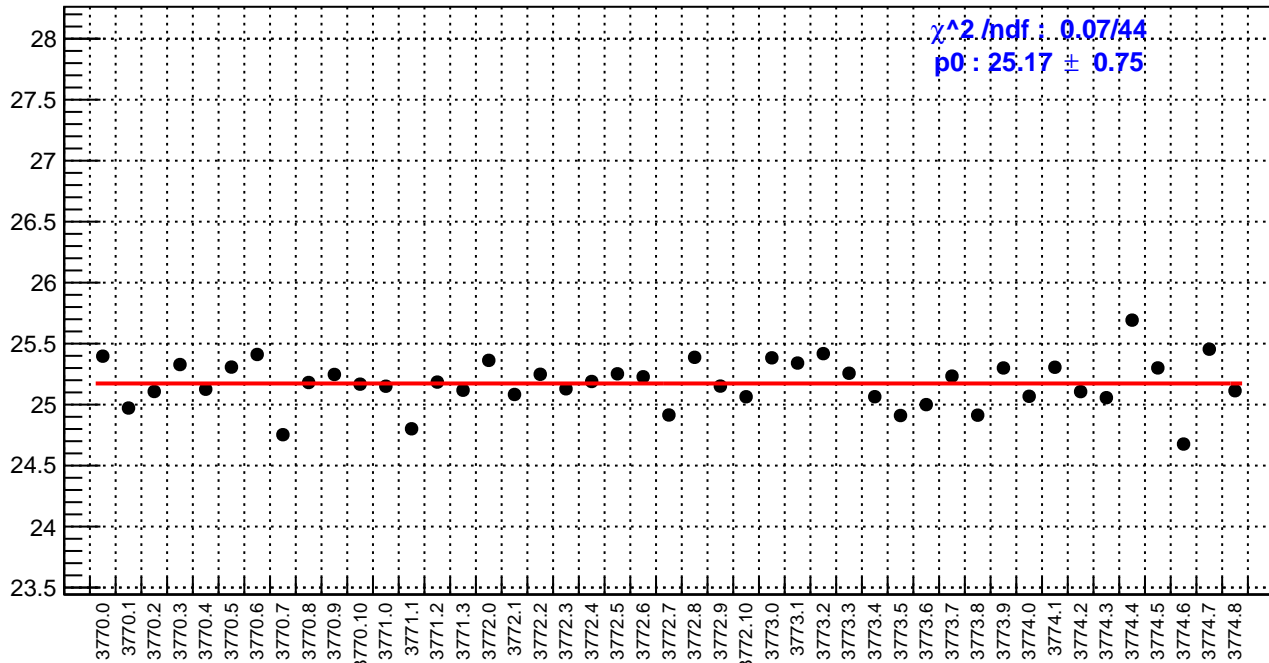
slug23: asym\_right\_dd.mean/ppb-reg\_asym\_right\_dd.mean/ppb



slug23: 1D Corr asym\_right\_dd.mean/ppb-reg\_asym\_right\_dd.mean/ppb

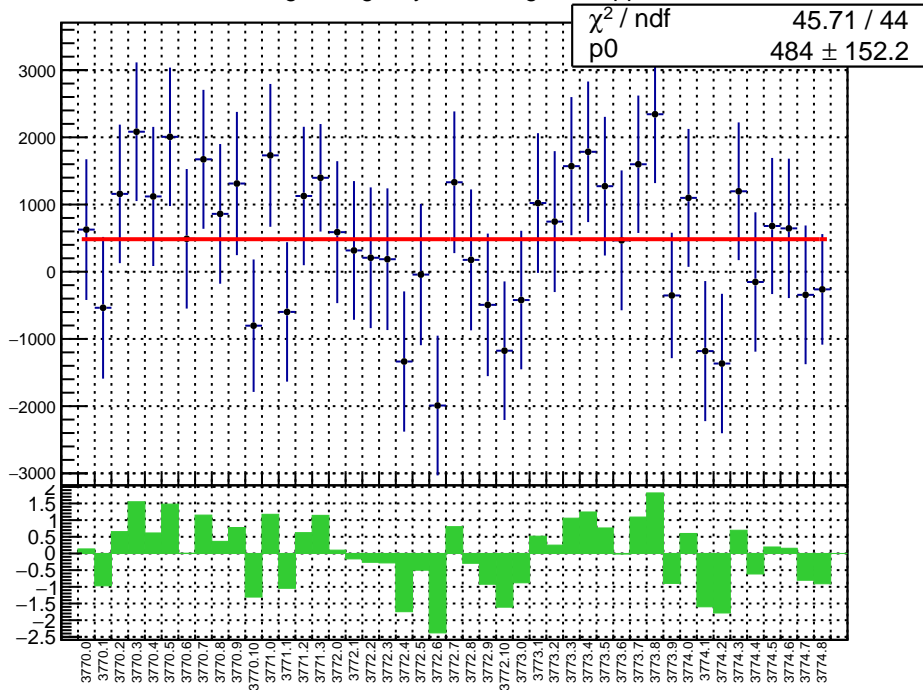


## slug23: reg\_asym\_right\_dd.rms/ppm

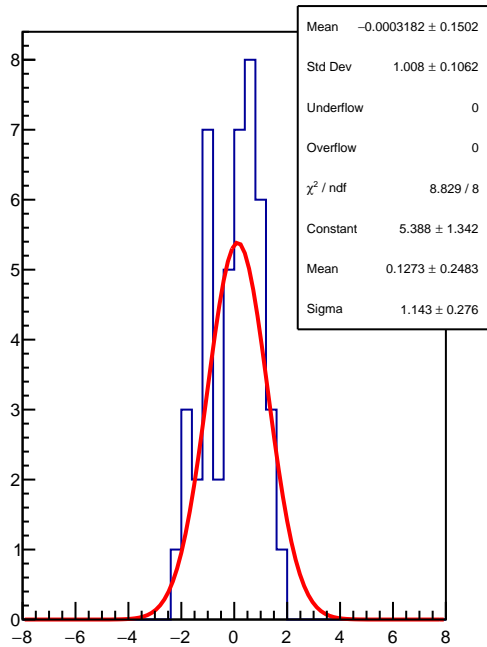




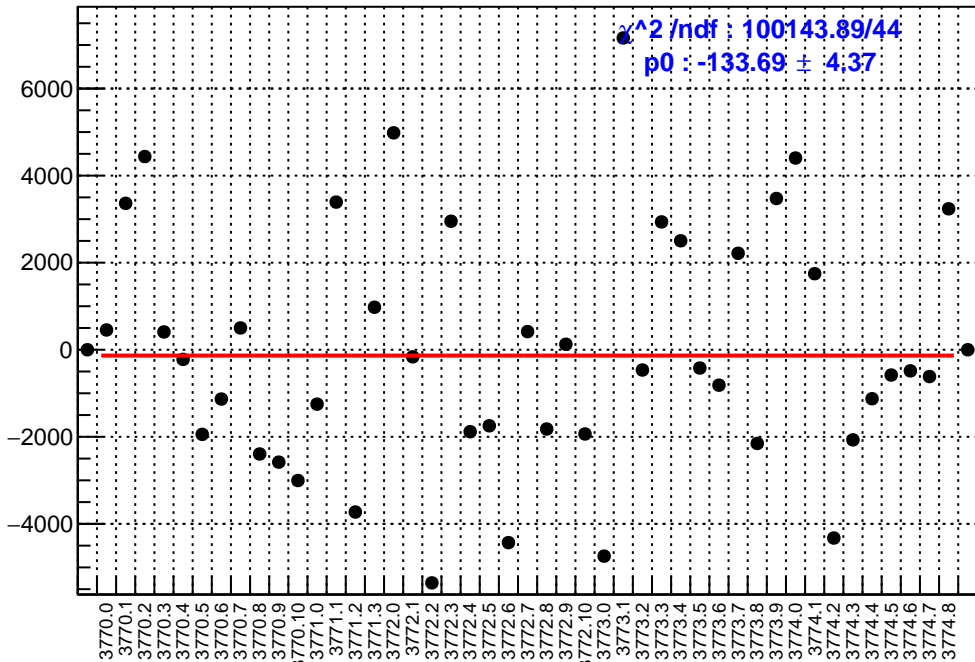
slug23: reg\_asym\_us\_avg.mean/ppb



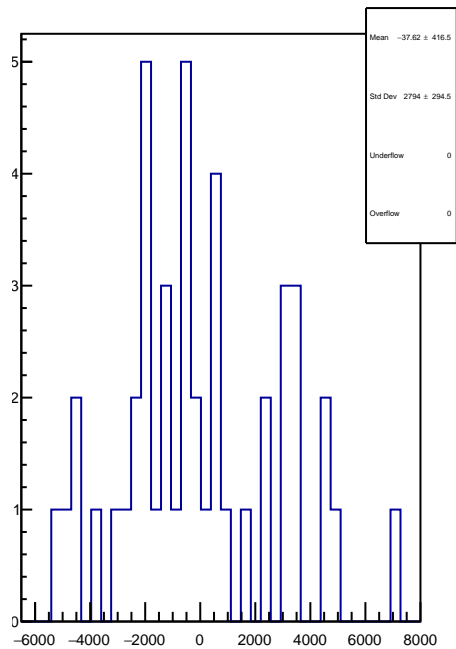
1D pull distribution



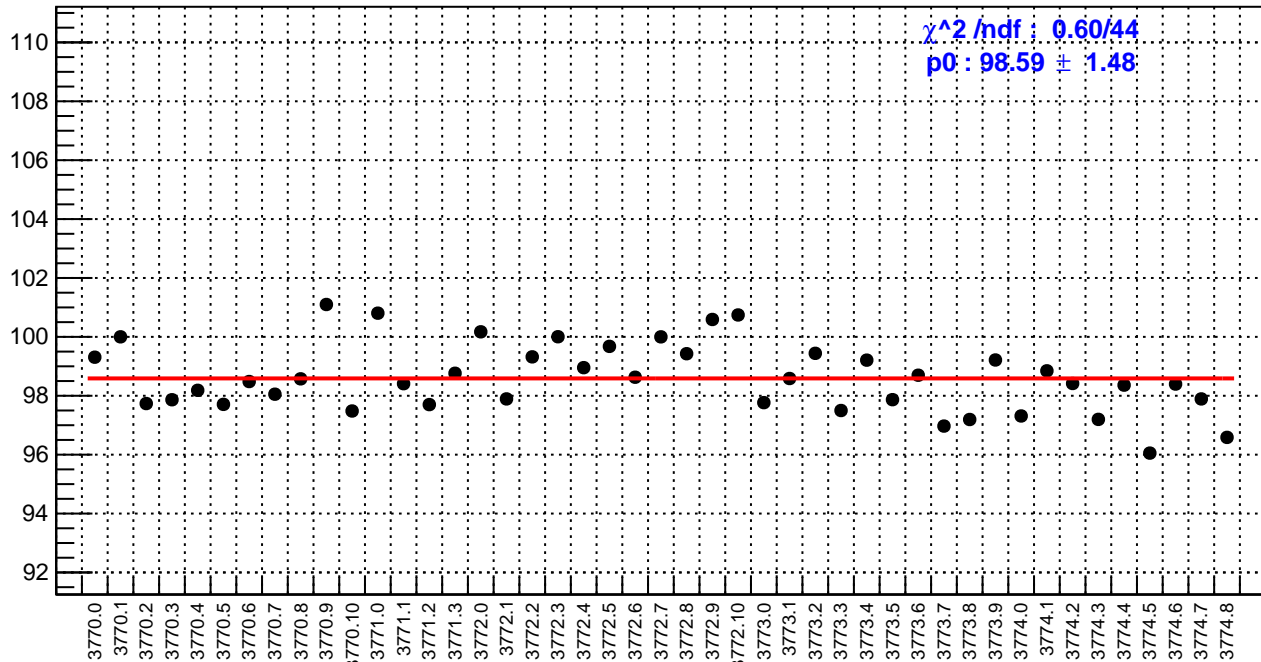
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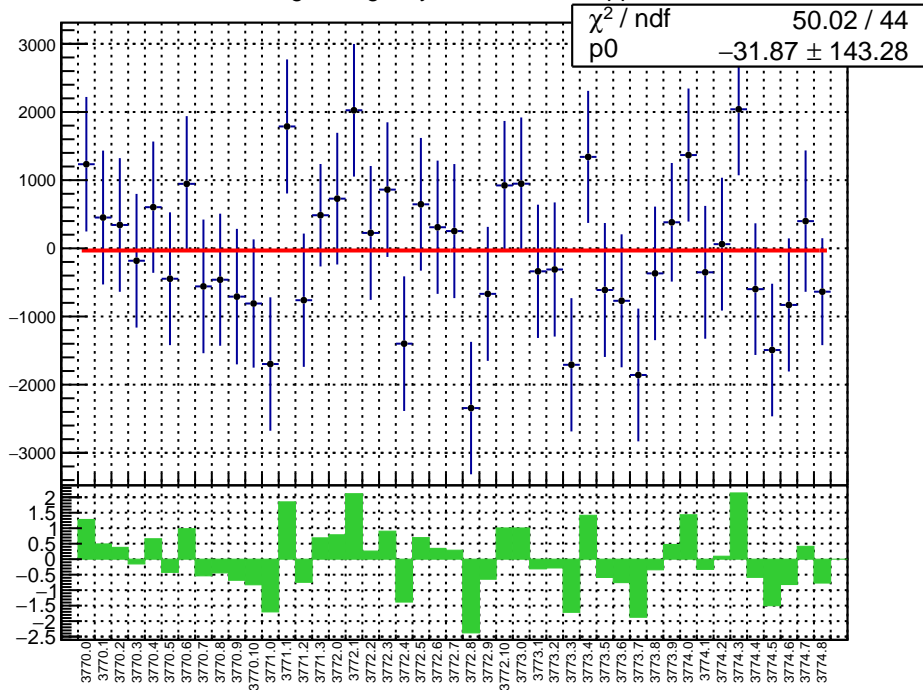
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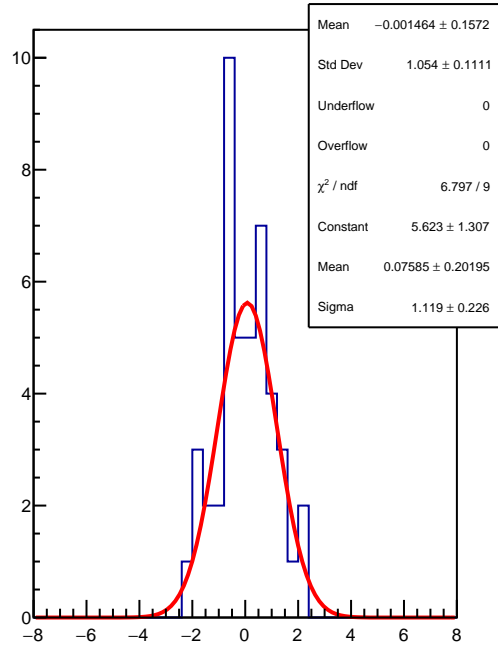
## slug23: reg\_asym\_us\_avg.rms/ppm



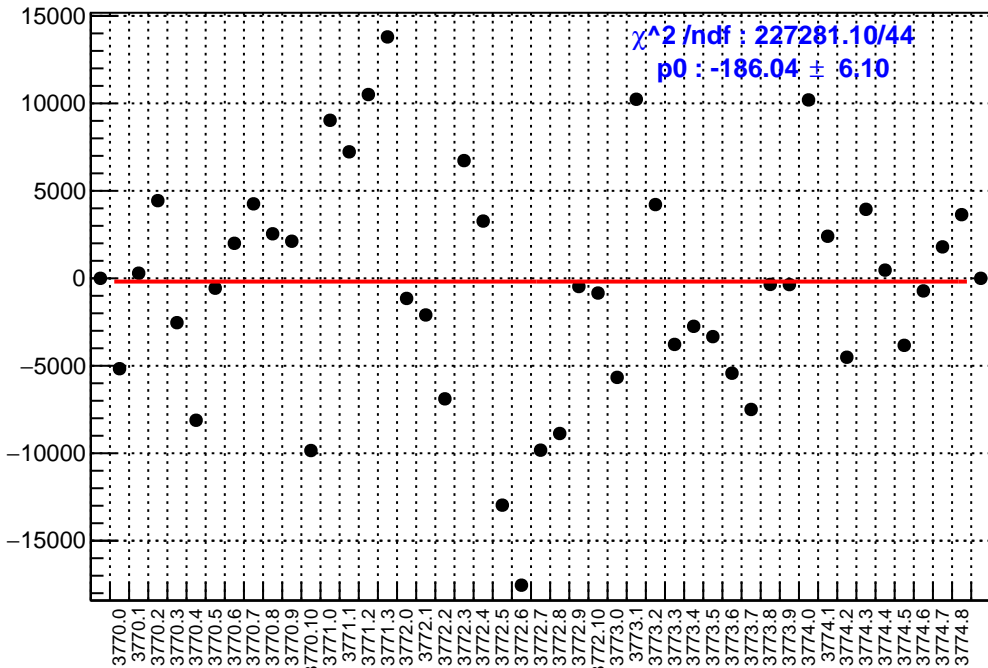
slug23: reg\_asym\_us\_dd.mean/ppb



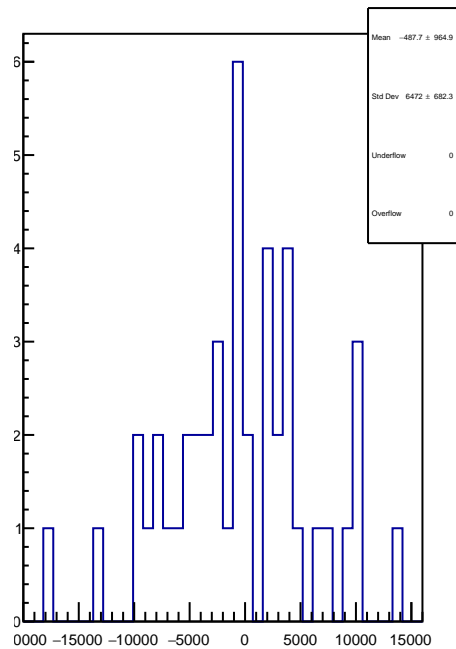
1D pull distribution



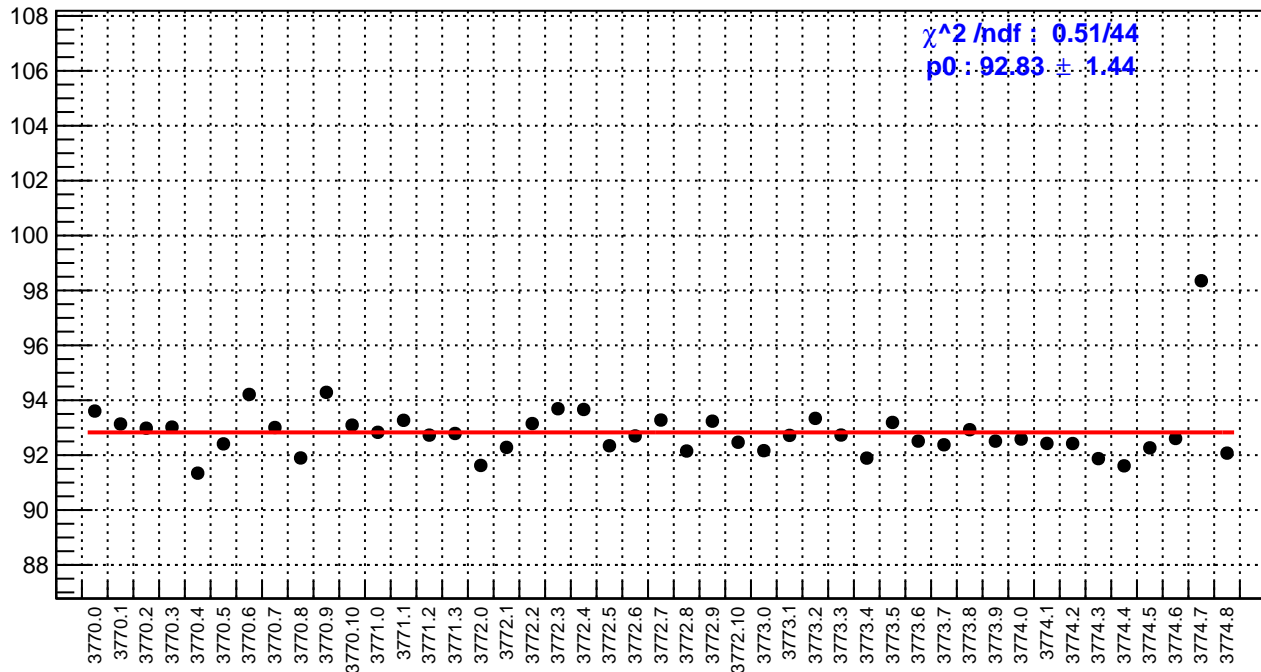
slug23: asym\_us\_dd.mean/ppb-reg\_asym\_us\_dd.mean/ppb



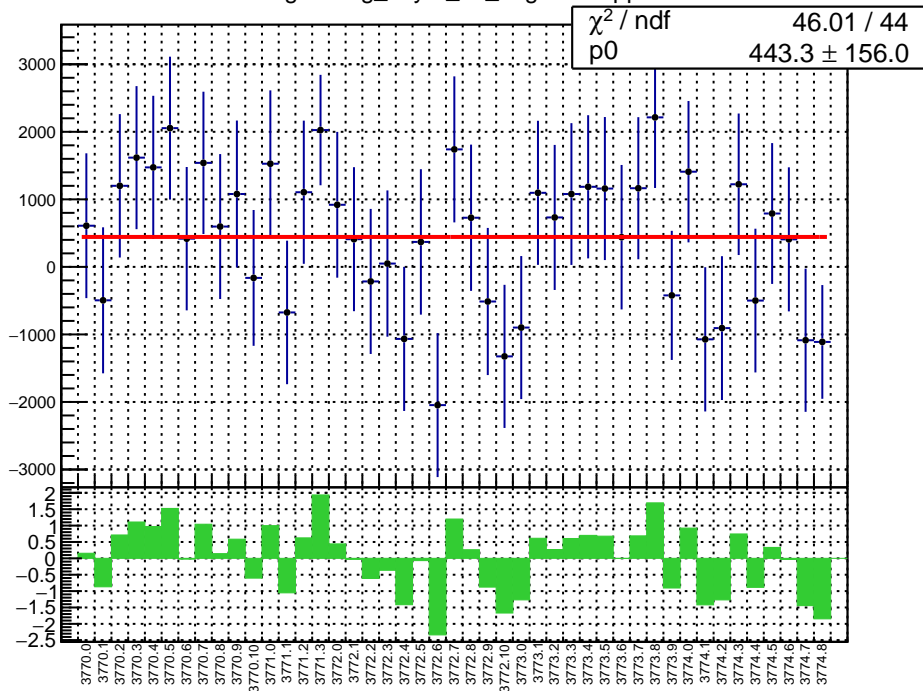
slug23: 1D Corr asym\_us\_dd.mean/ppb-reg\_asym\_us\_dd.mean/ppb



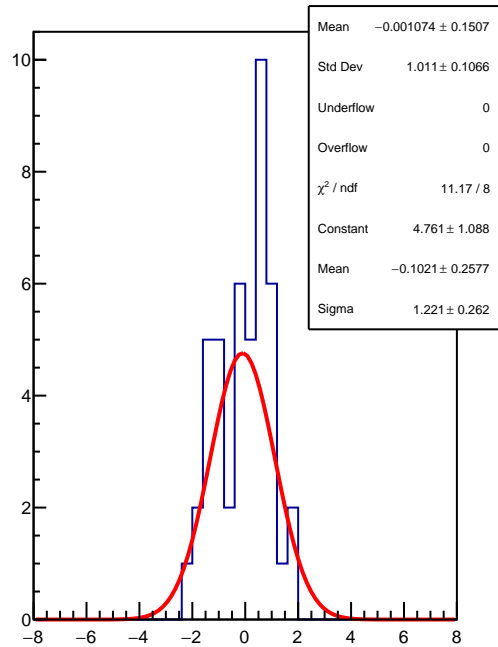
## slug23: reg\_asym\_us\_dd.rms/ppm



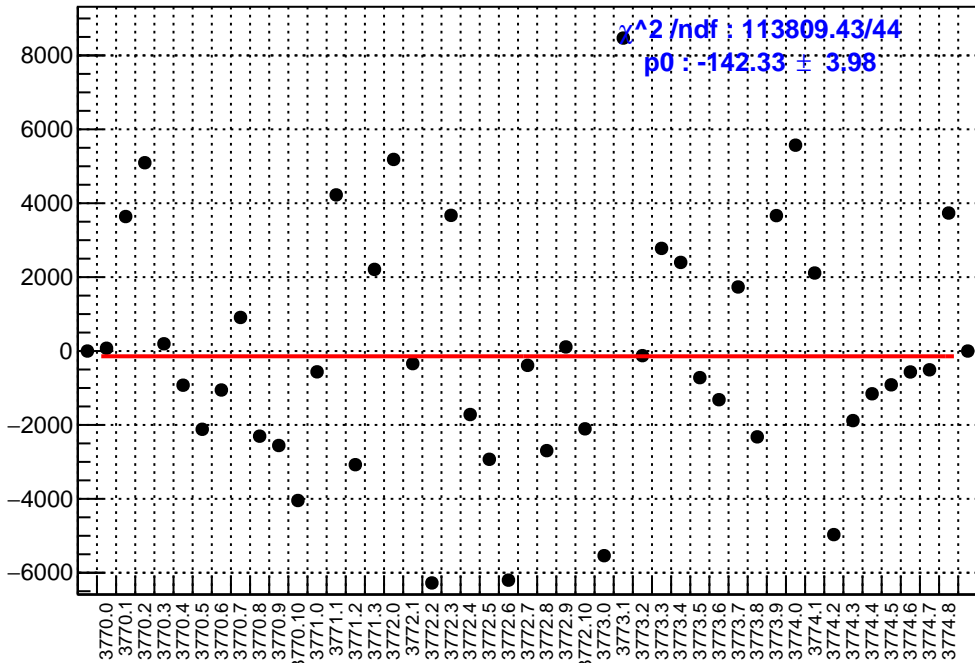
slug23: reg\_asym\_ds\_avg.mean/ppb



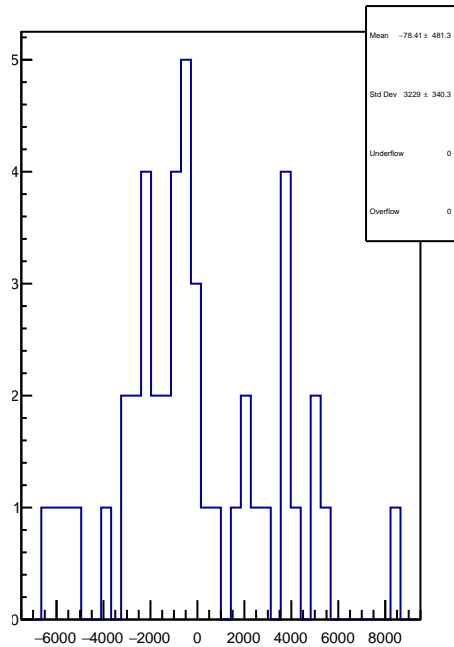
1D pull distribution



slug23: asym\_ds\_avg.mean/ppb-reg\_asym\_ds\_avg.mean/ppb

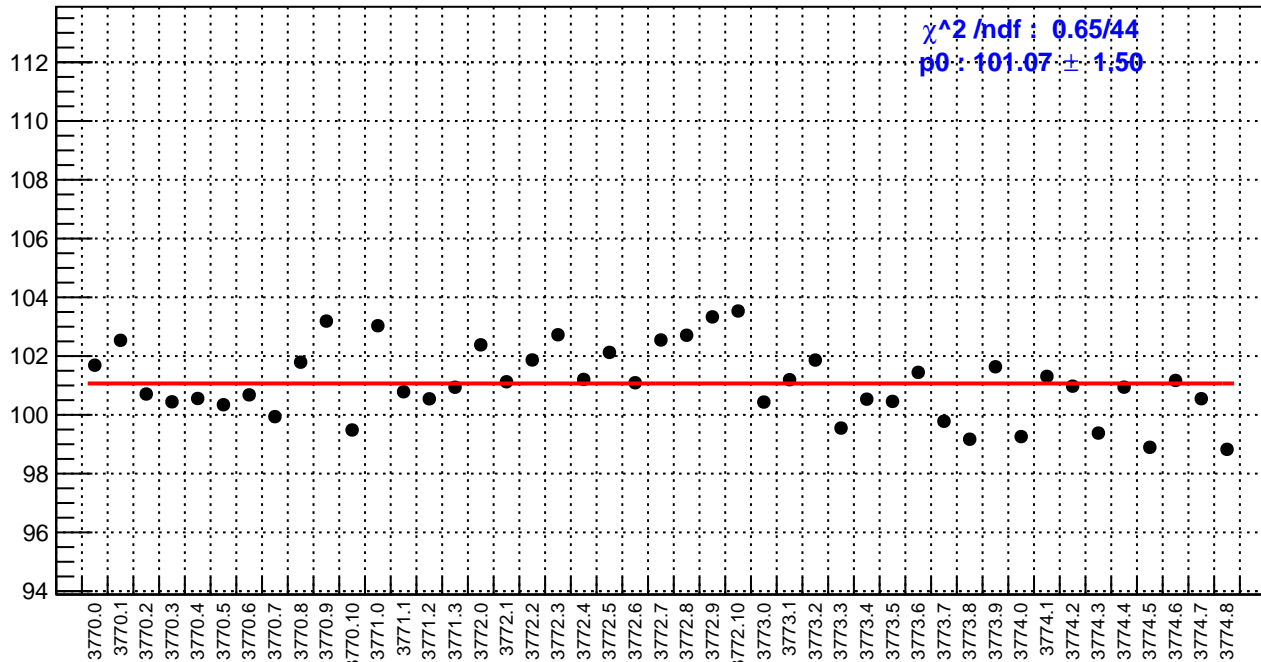


slug23: 1D Corr asym\_ds\_avg.mean/ppb-reg\_asym\_ds\_avg.mean/ppb

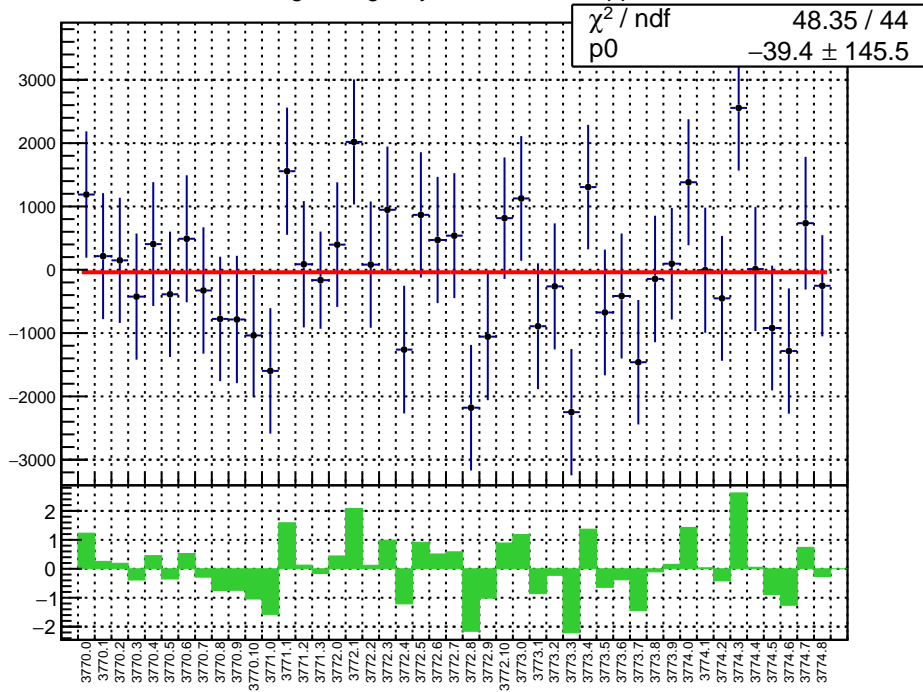




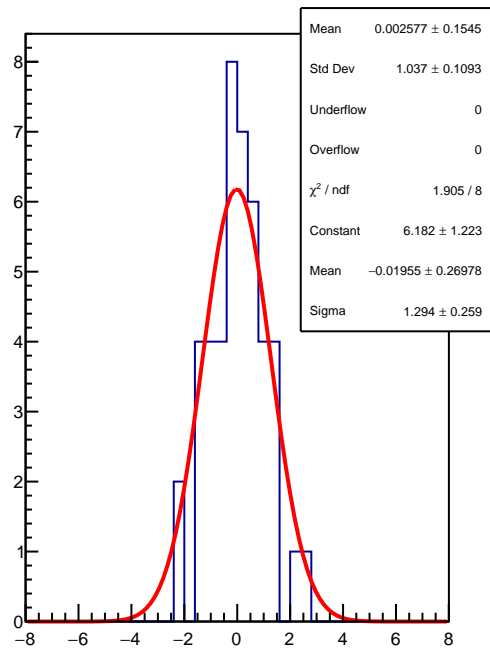
## slug23: reg\_asym\_ds\_avg.rms/ppm



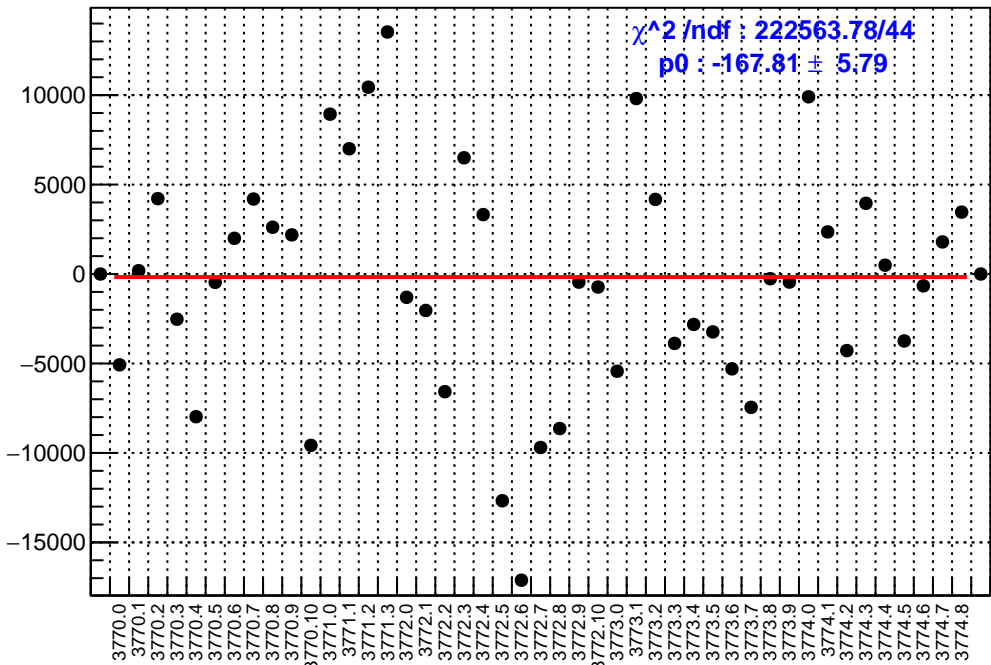
slug23: reg\_asym\_ds\_dd.mean/ppb



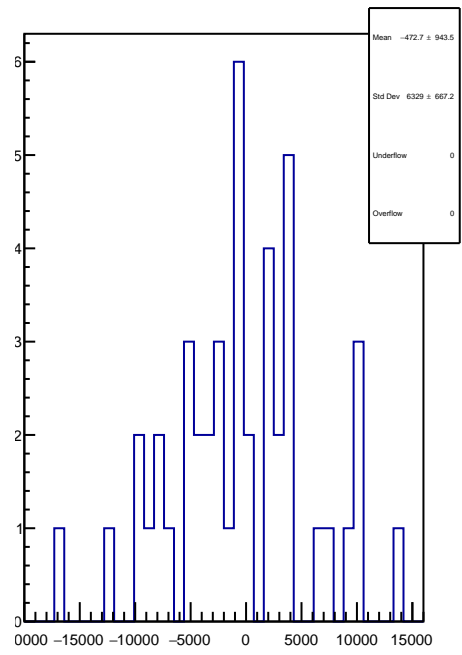
1D pull distribution



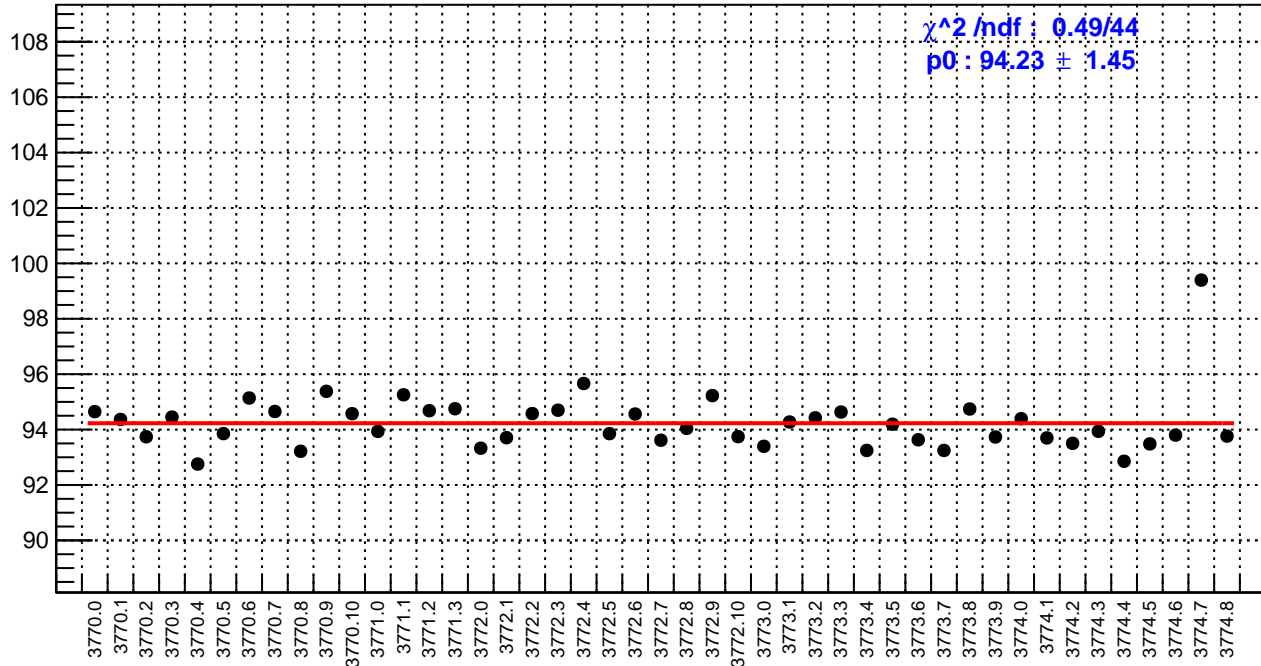
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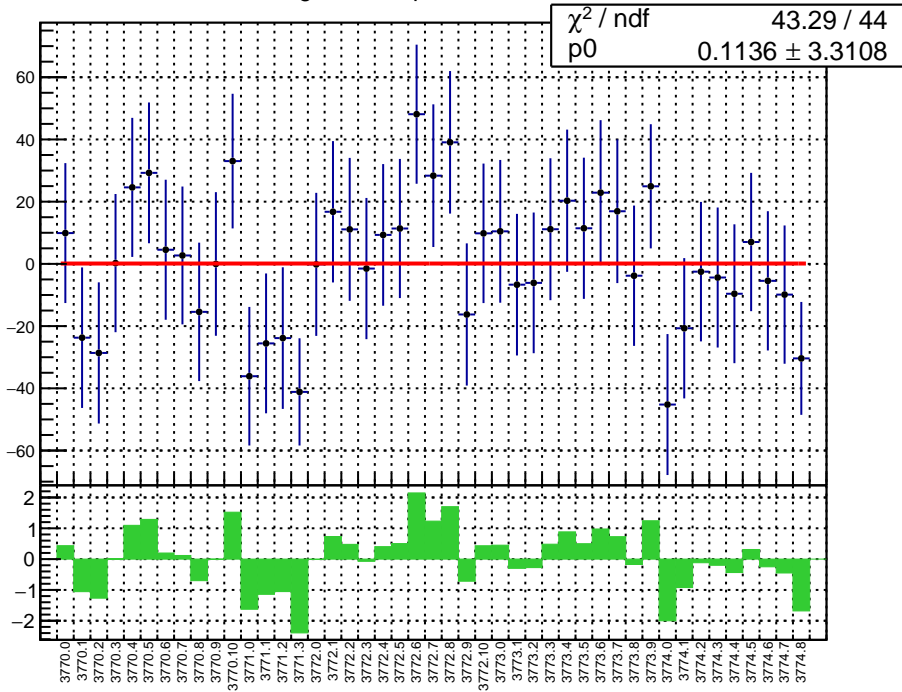
slug23: 1D Corr asym\_ds\_dd.mean/ppb-reg\_asym\_ds\_dd.mean/ppb



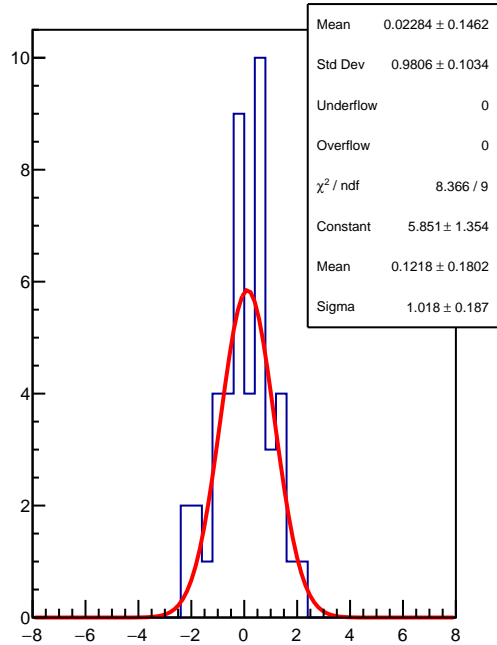
## slug23: reg\_asym\_ds\_dd.rms/ppm



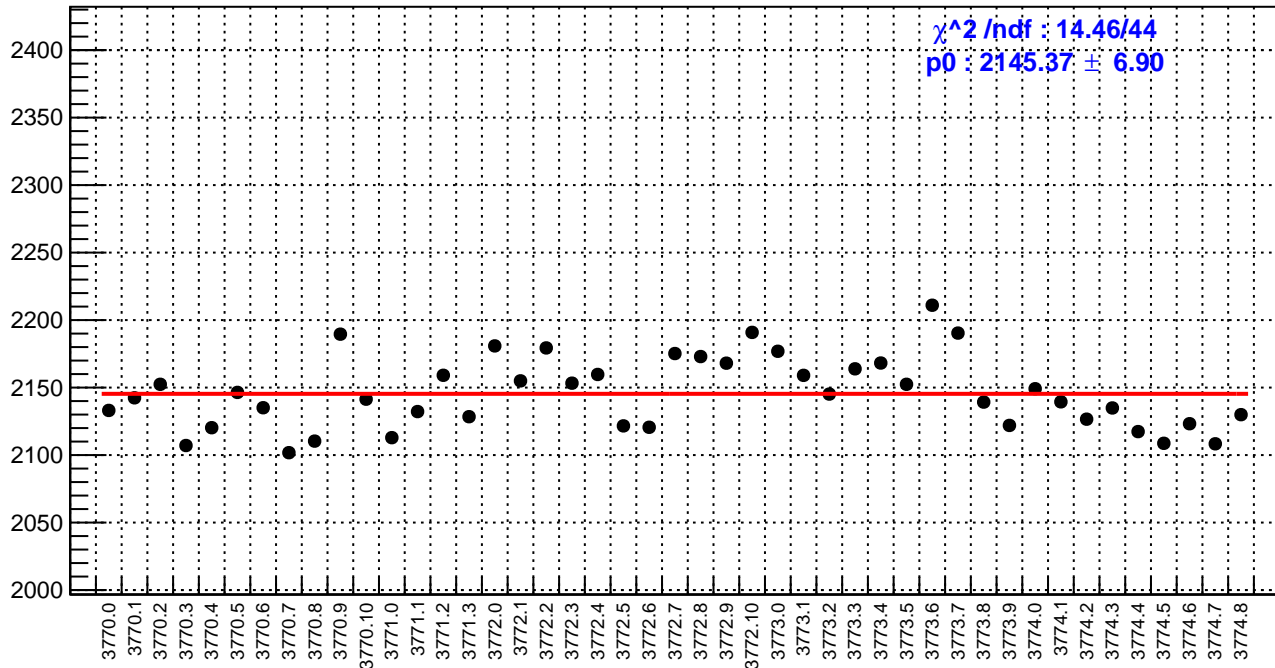
slug23: diff\_bpm4aX.mean/nm



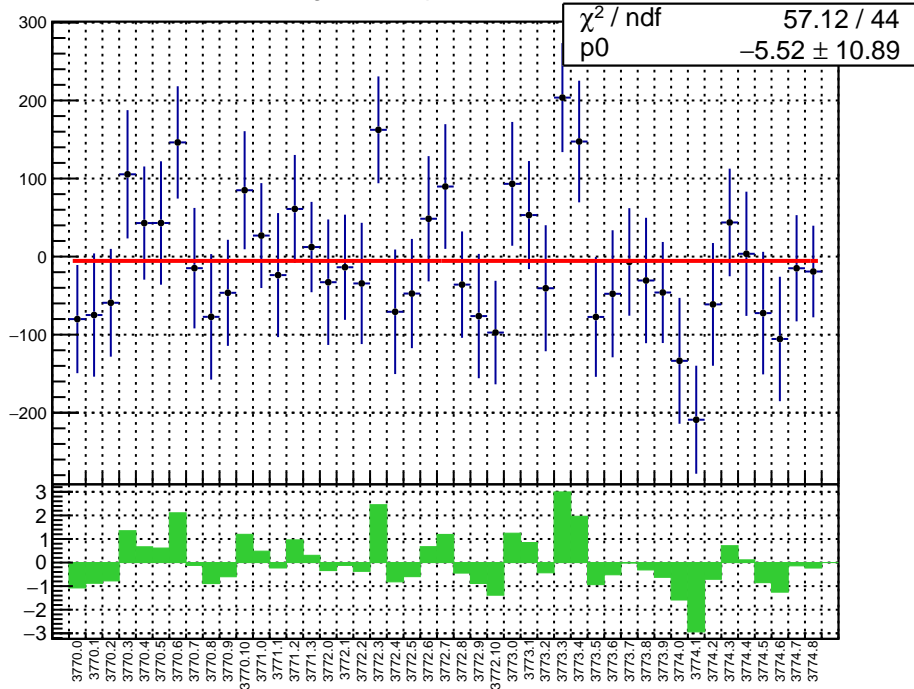
1D pull distribution



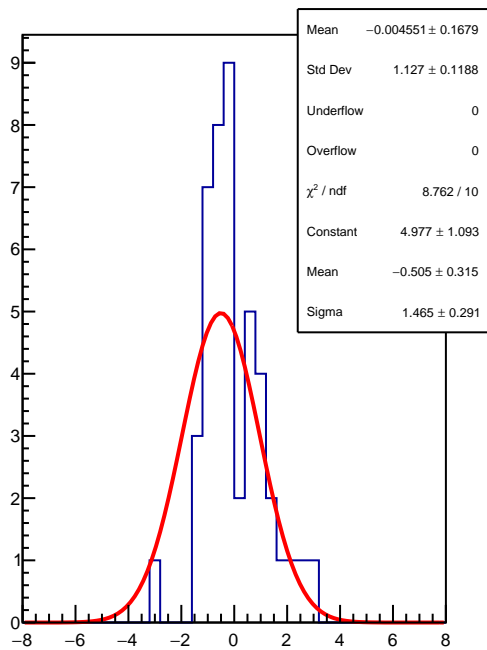
## slug23: diff\_bpm4aX.rms/nm



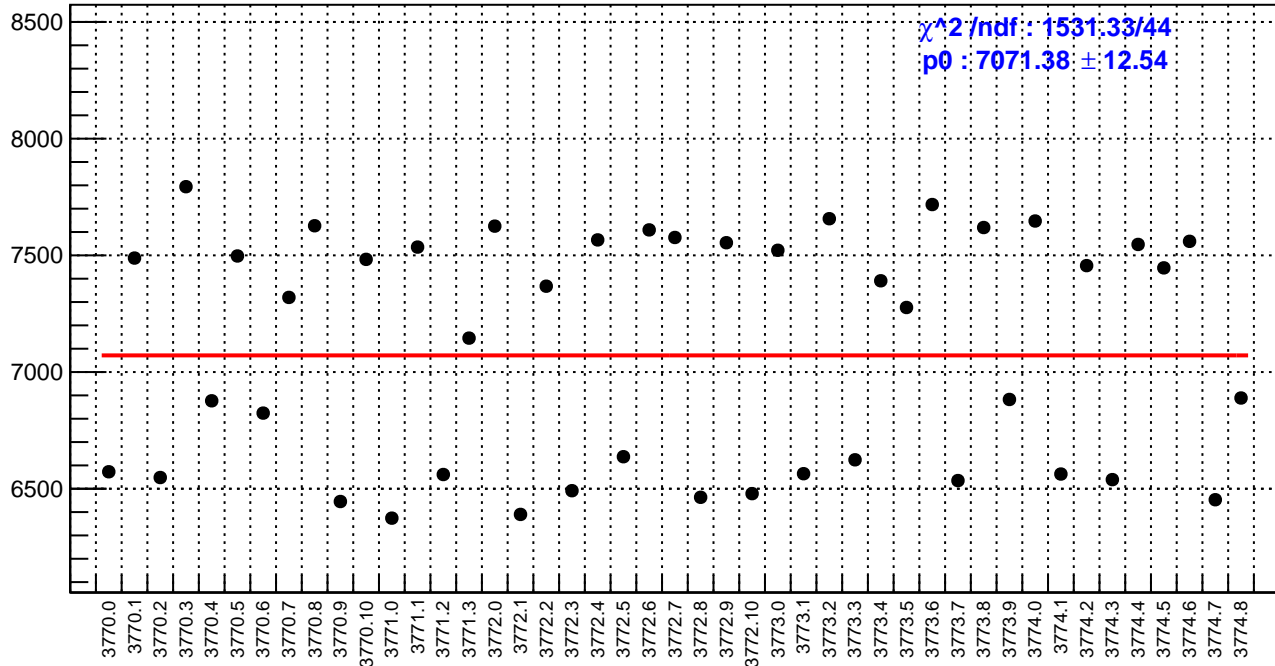
slug23: diff\_bpm4aY.mean/nm



1D pull distribution

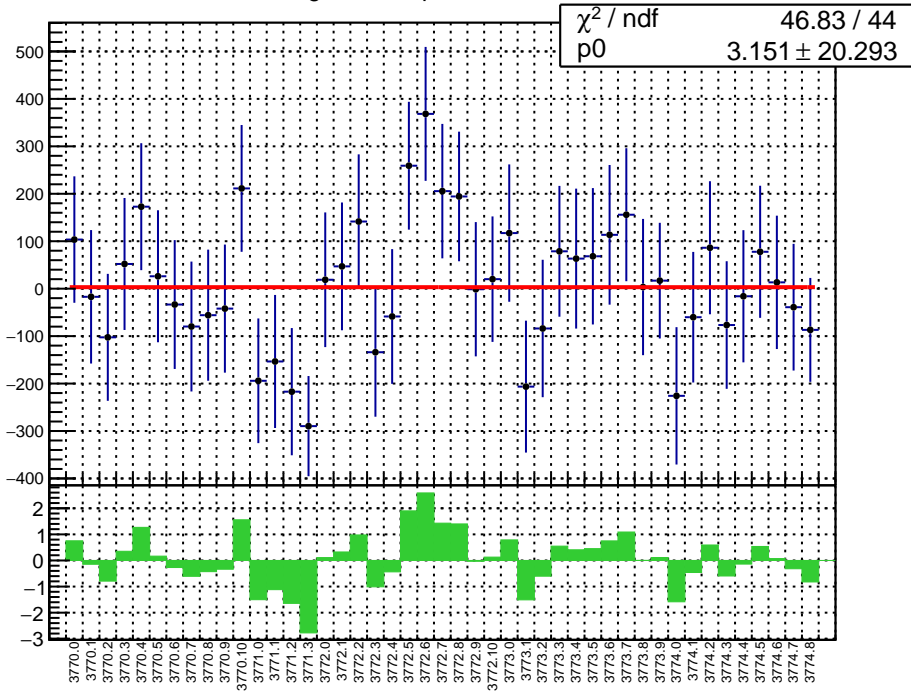


## slug23: diff\_bpm4aY.rms/nm

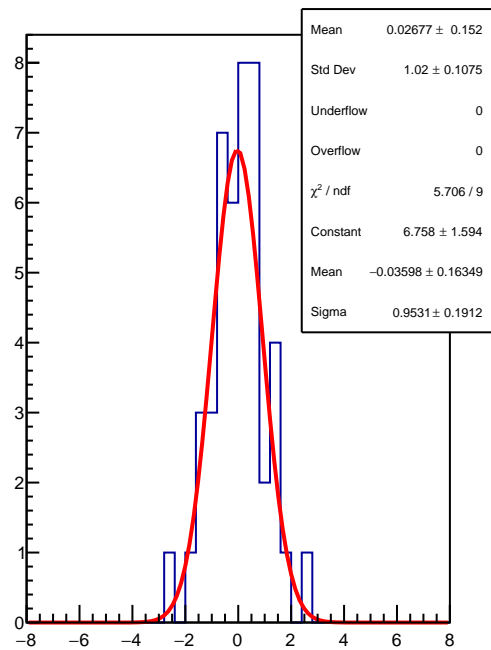




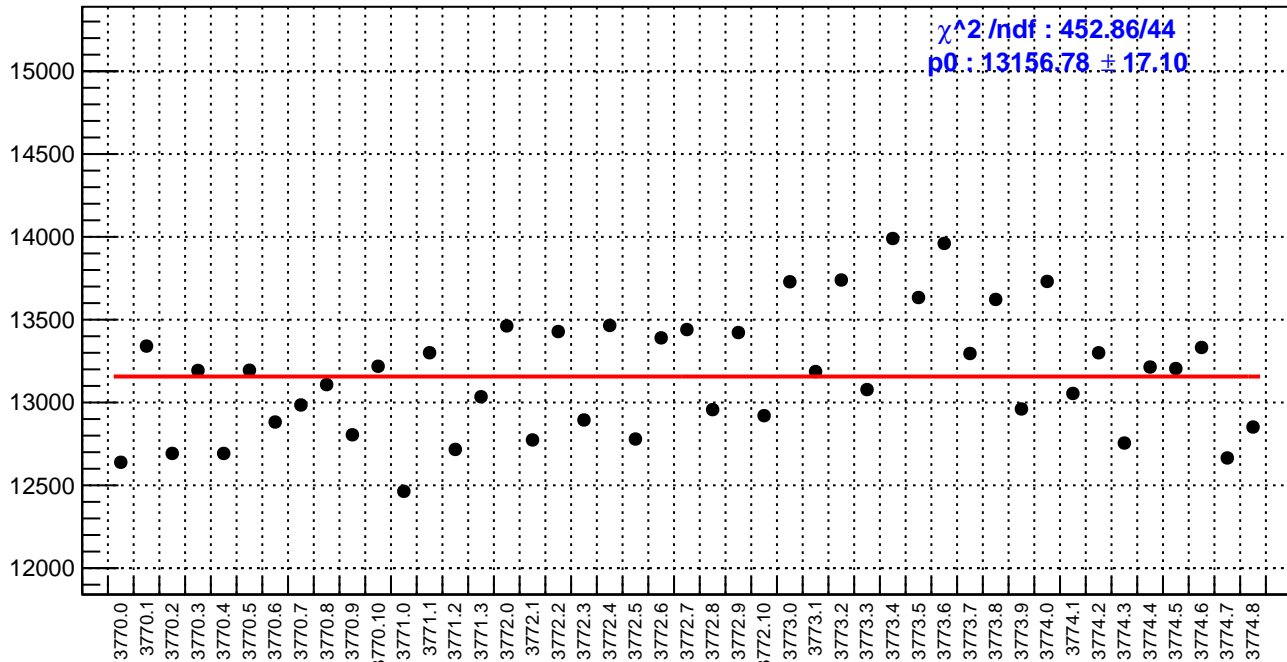
slug23: diff\_bpm4eX.mean/nm



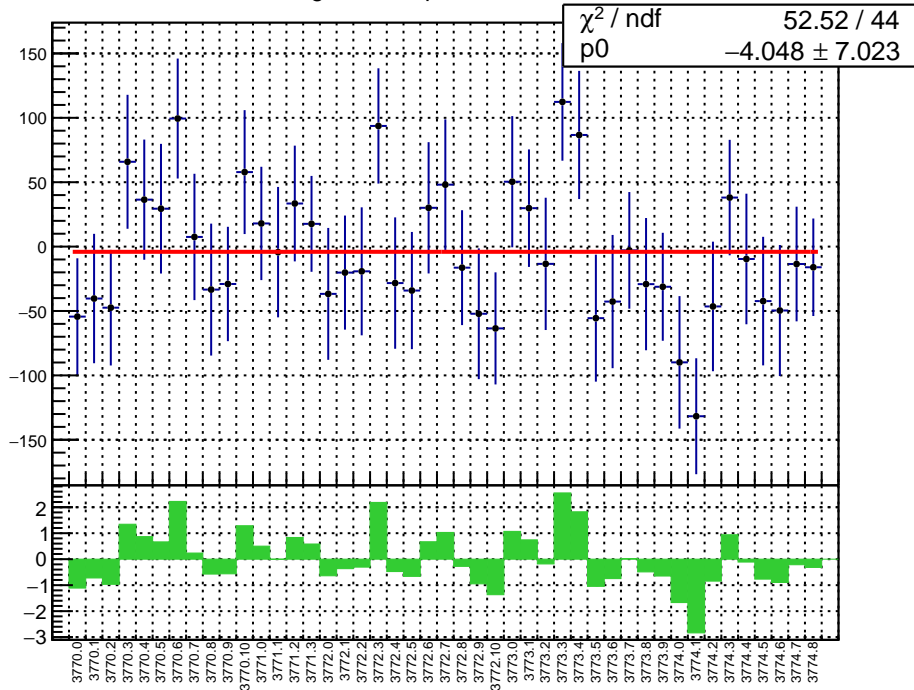
1D pull distribution



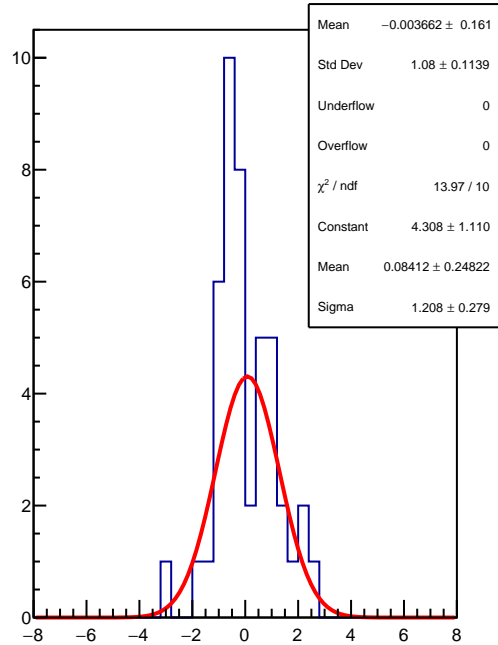
## slug23: diff\_bpm4eX.rms/nm



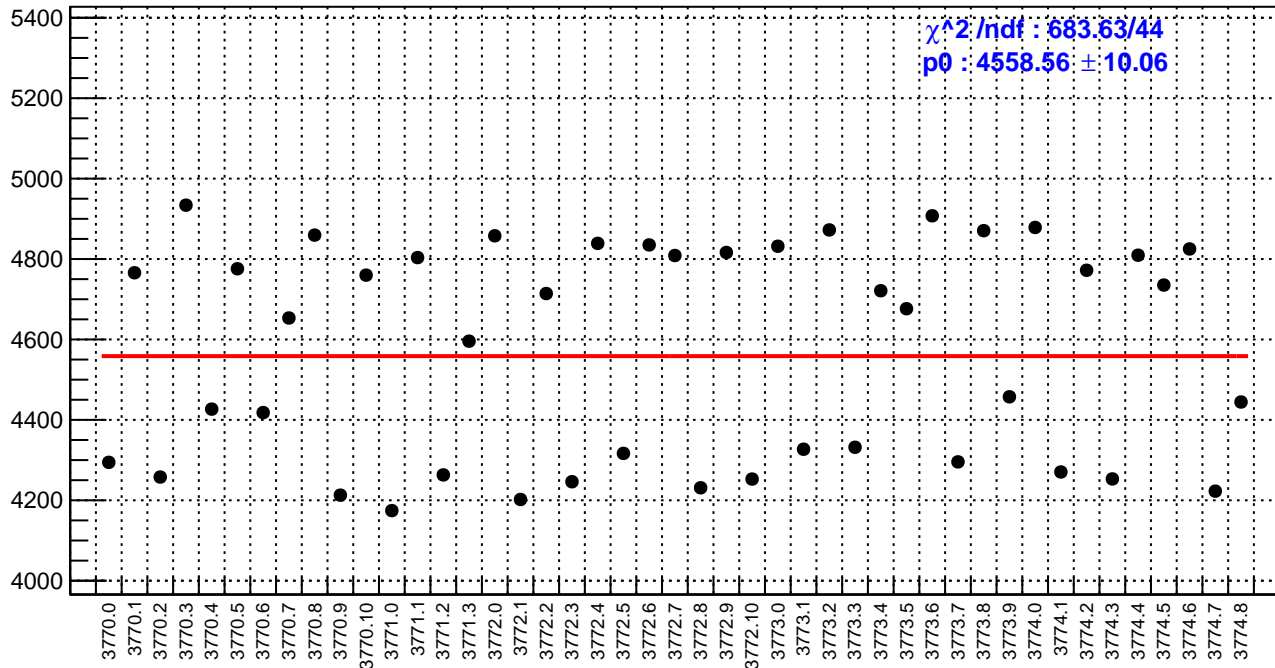
slug23: diff\_bpm4eY.mean/nm



1D pull distribution

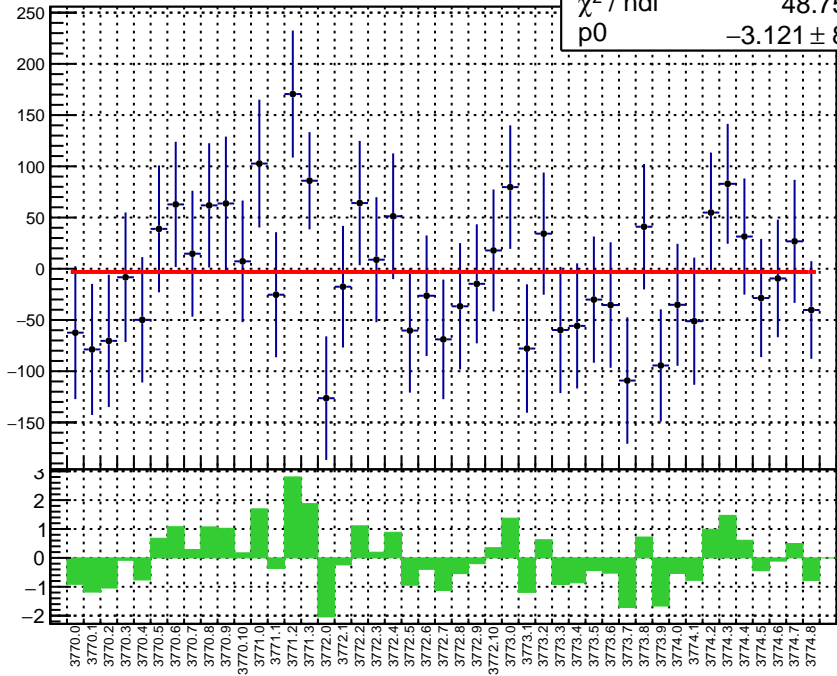


## slug23: diff\_bpm4eY.rms/nm

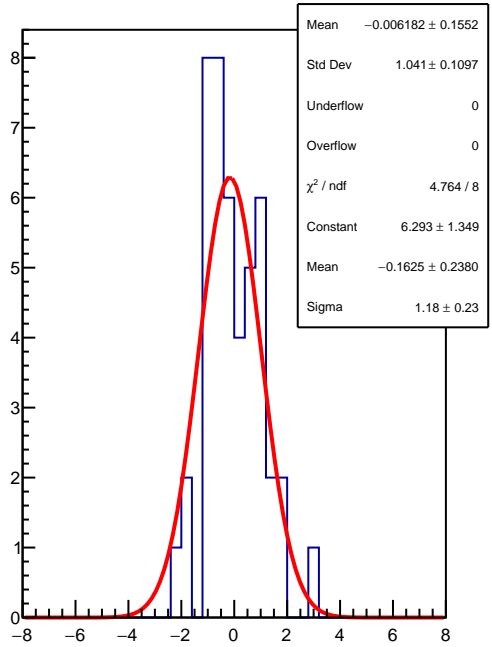


slug23: diff\_bpm11X.mean/nm

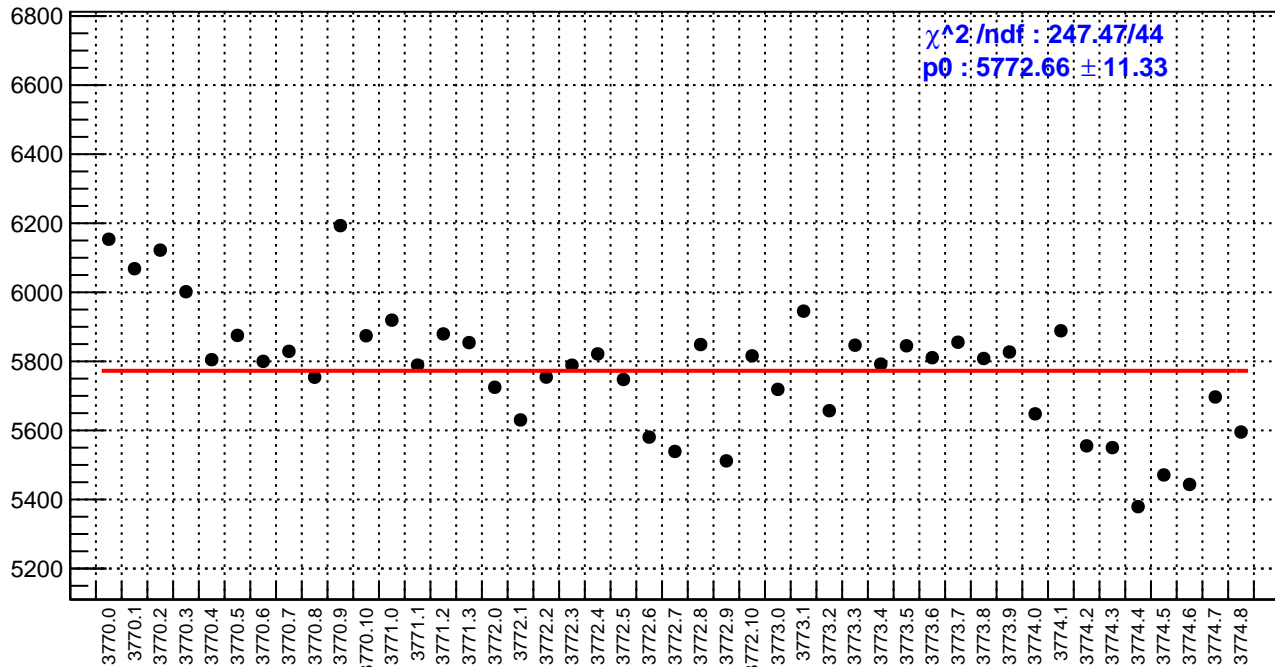
$\chi^2 / \text{nfd}$  48.75 / 44  
 p0  $-3.121 \pm 8.907$



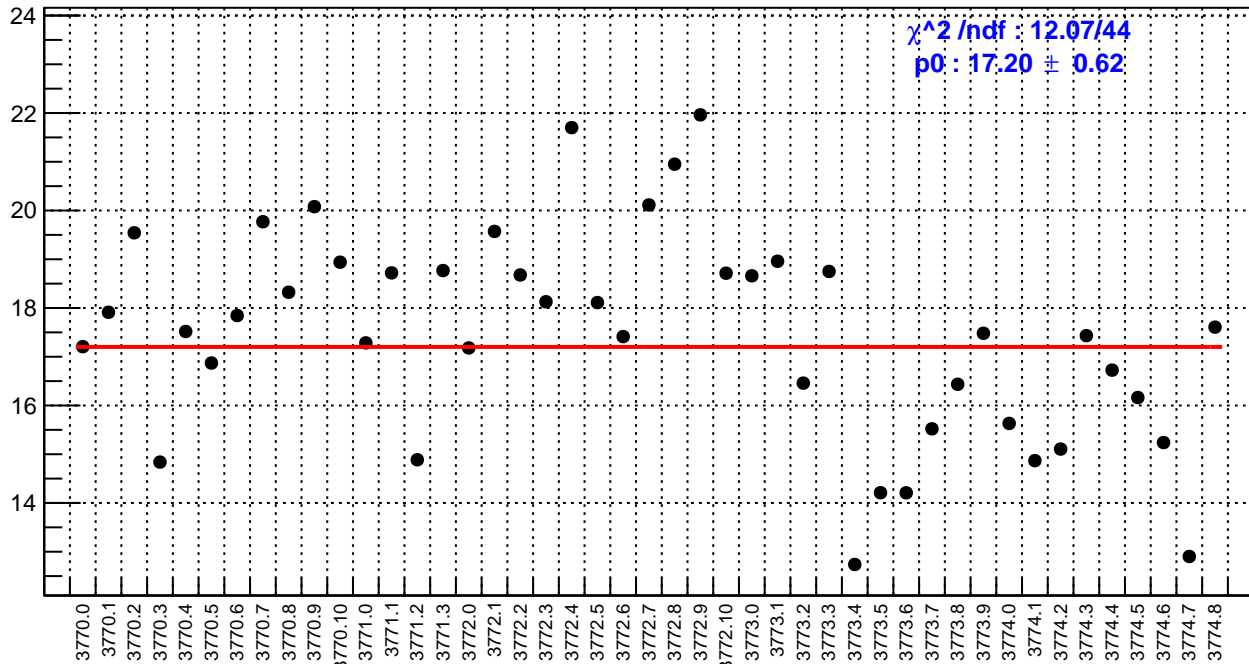
1D pull distribution



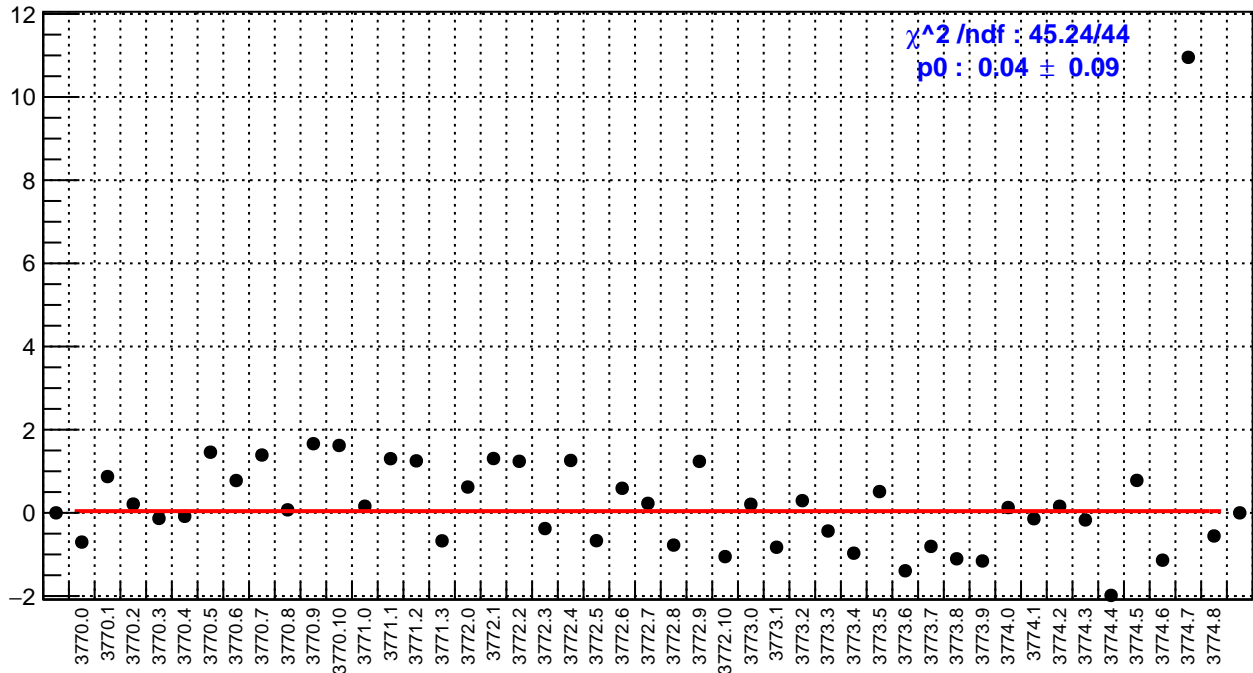
## slug23: diff\_bpm11X.rms/nm



## slug23: usl\_bpm4aX/(ppb/nm)

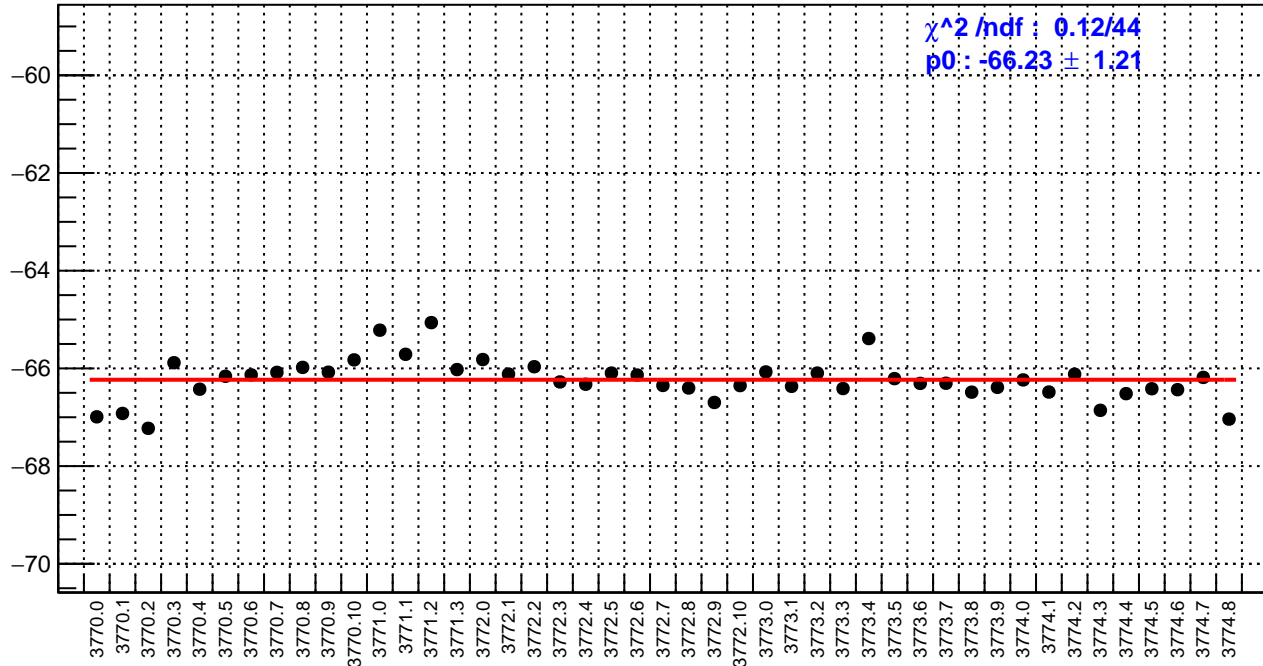


## slug23: usl\_bpm4aY/(ppb/nm)

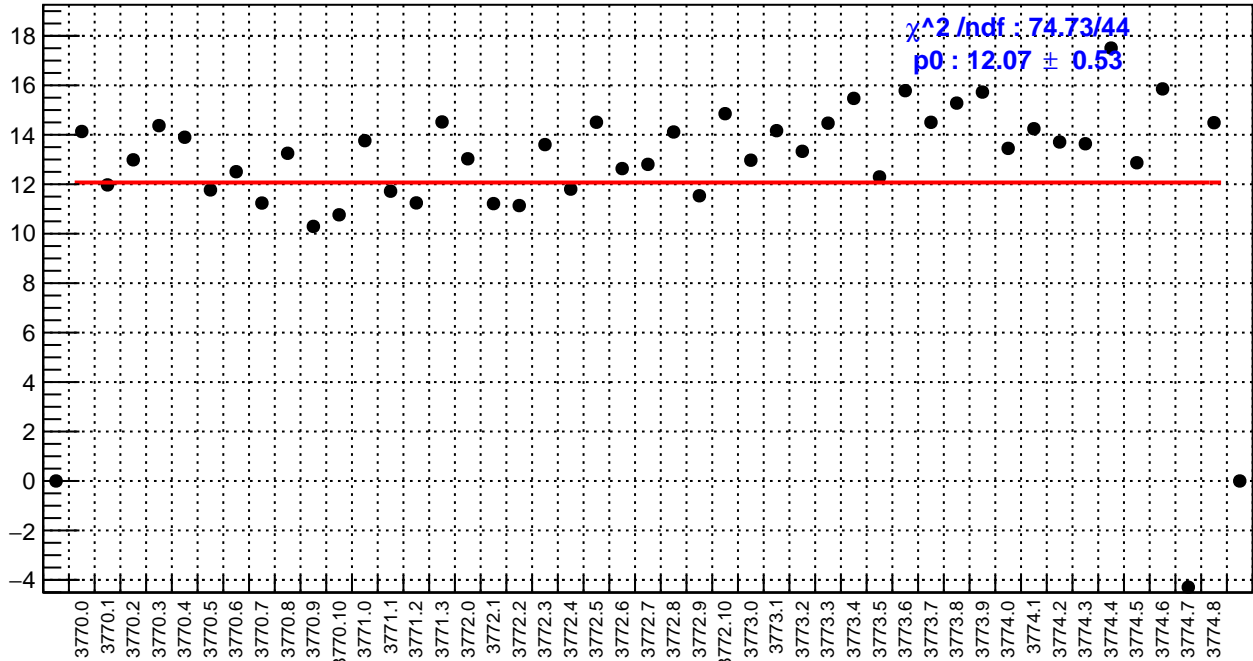




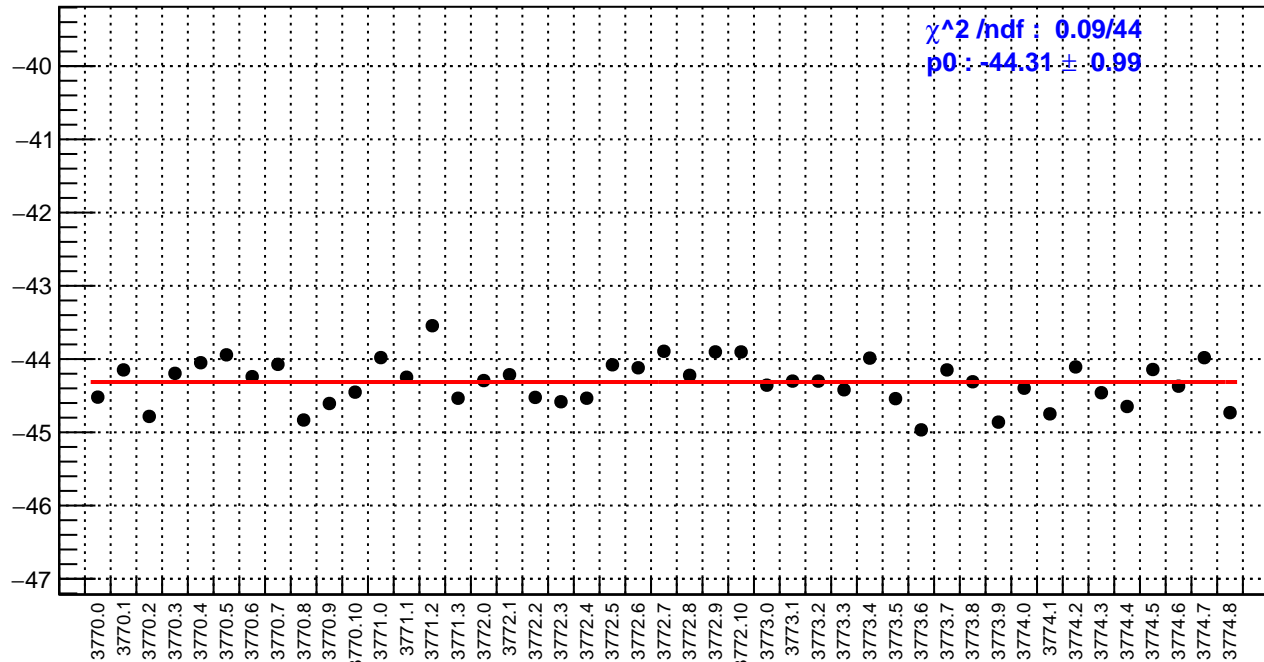
## slug23: usl\_bpm4eX/(ppb/nm)



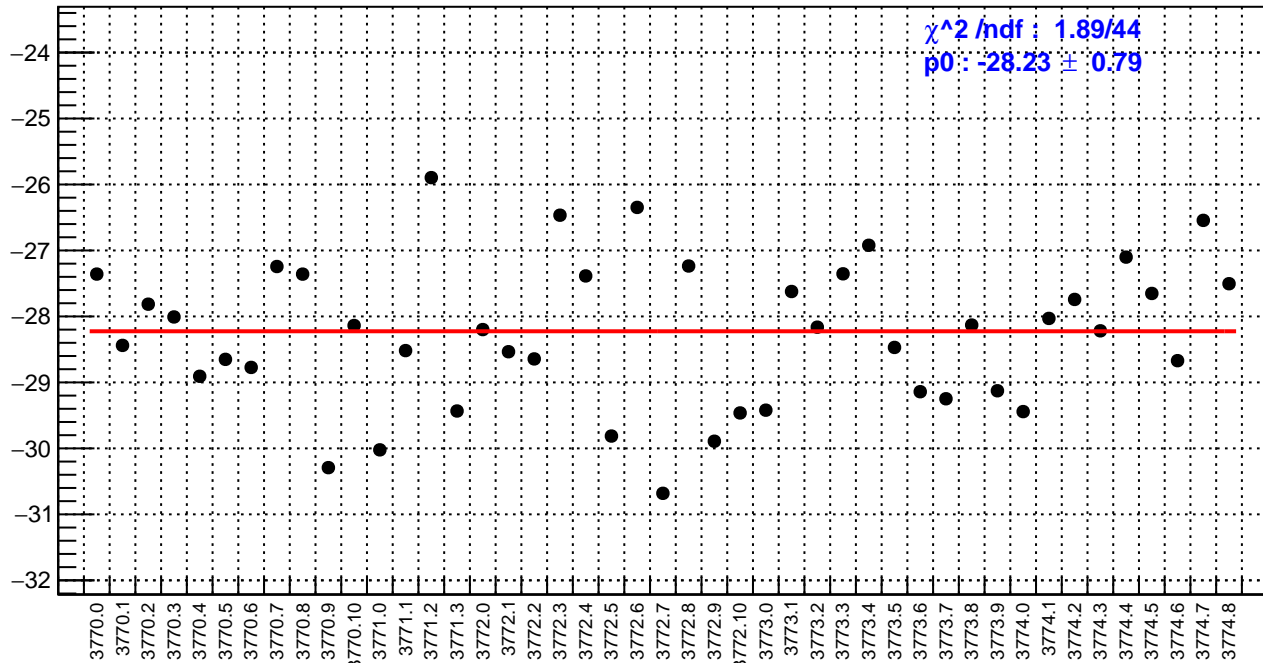
## slug23: usl\_bpm4eY/(ppb/nm)



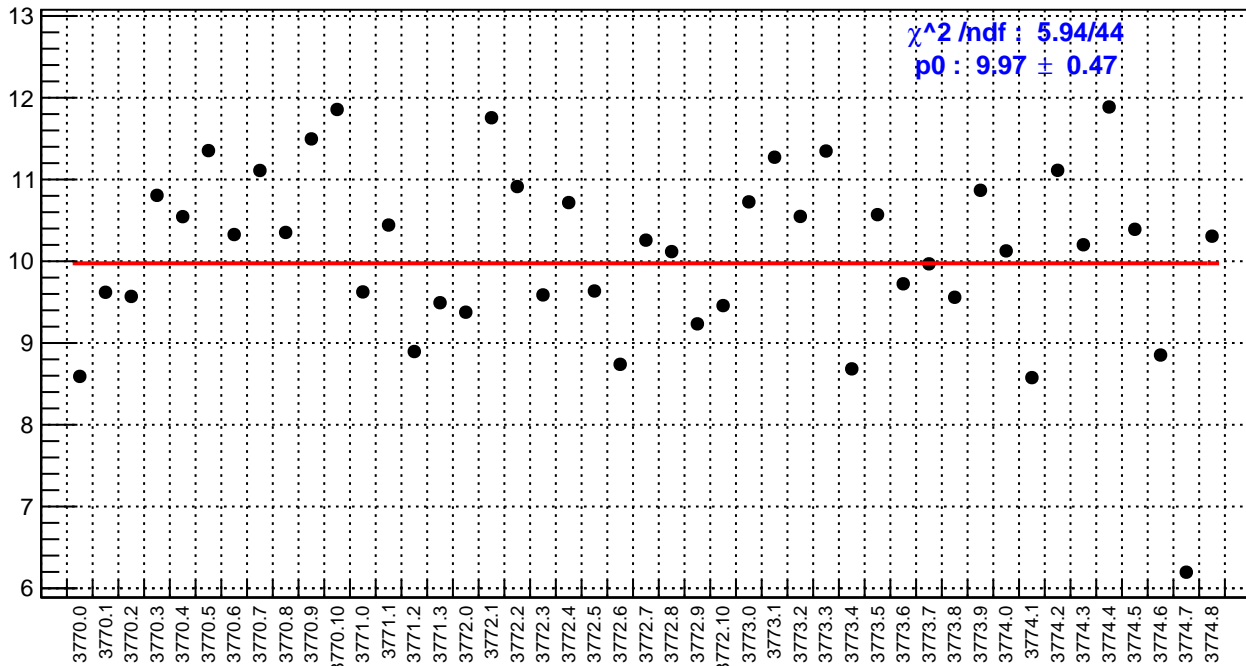
## slug23: usl\_bpm12X/(ppb/nm)



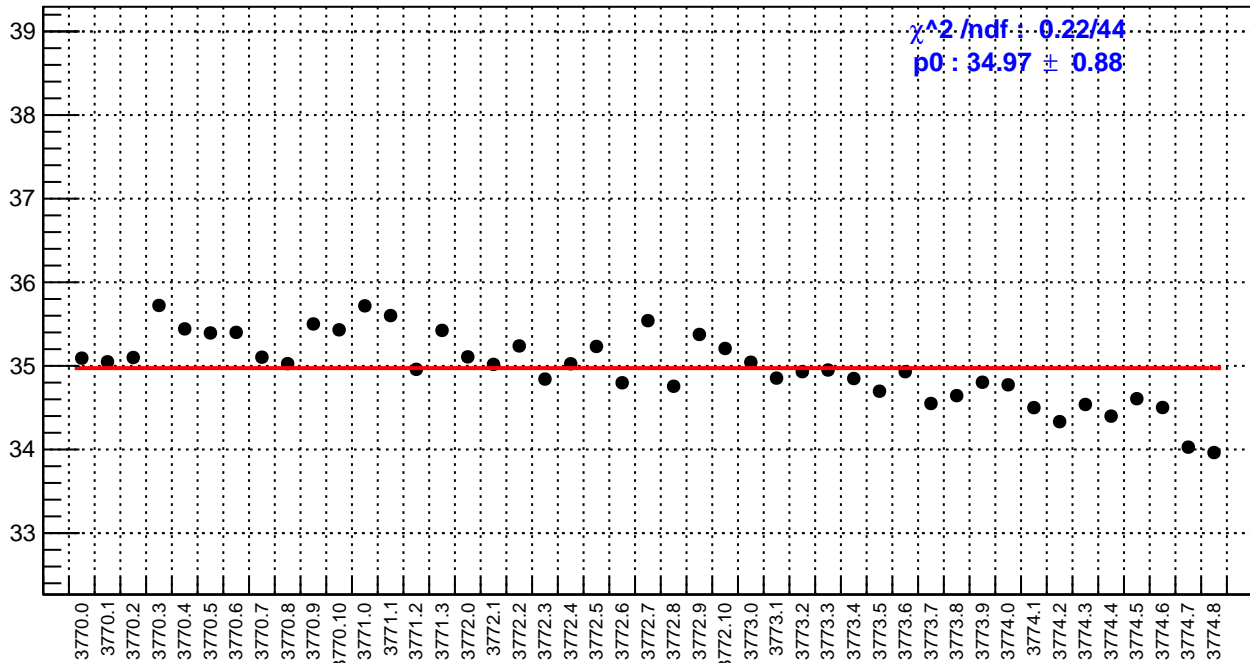
## slug23: usr\_bpm4aX/(ppb/nm)



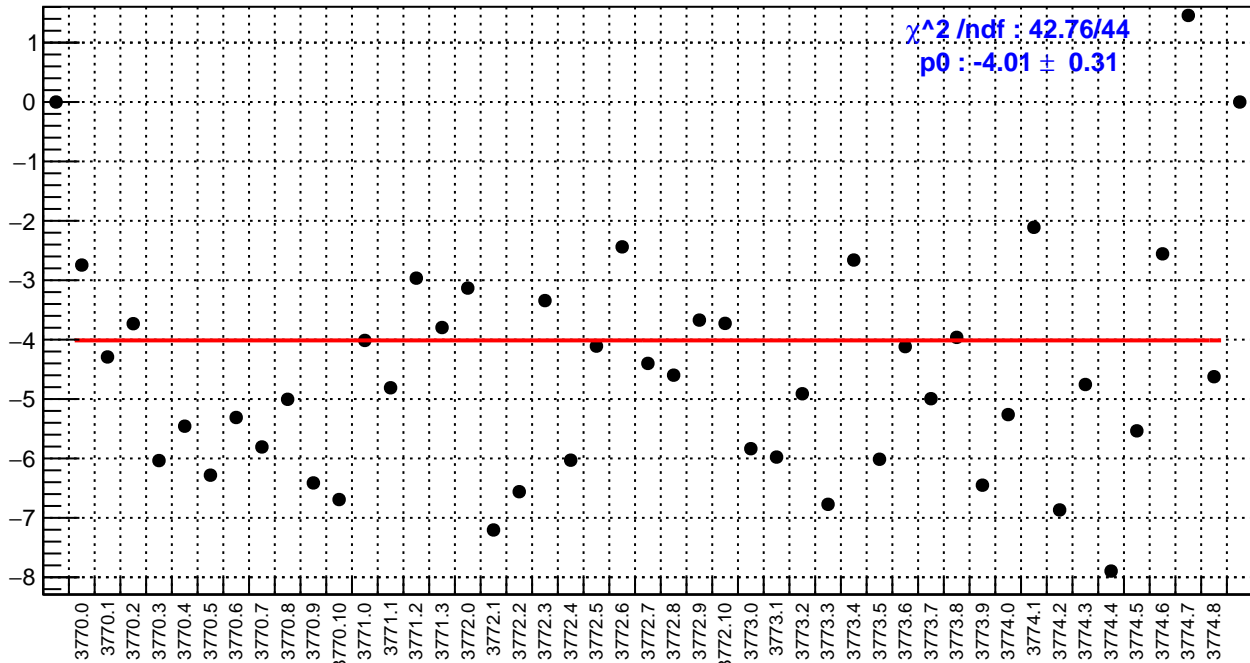
## slug23: usr\_bpm4aY/(ppb/nm)



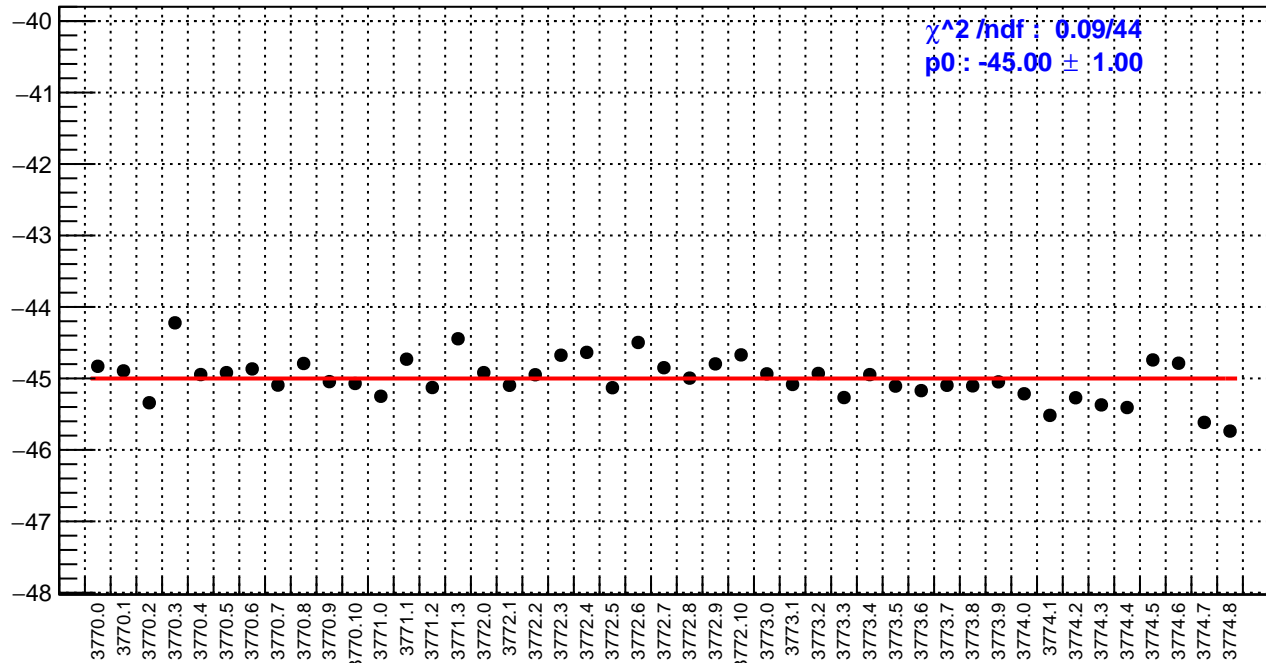
## slug23: usr\_bpm4eX/(ppb/nm)



## slug23: usr\_bpm4eY/(ppb/nm)

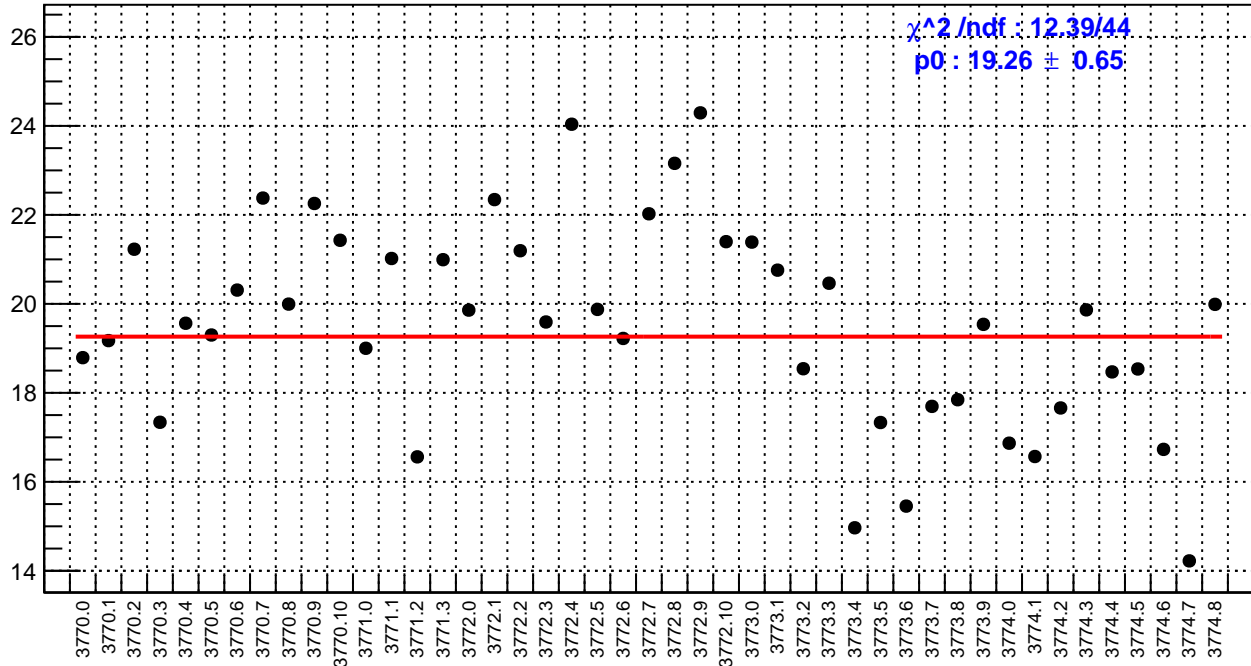


## slug23: usr\_bpm12X/(ppb/nm)

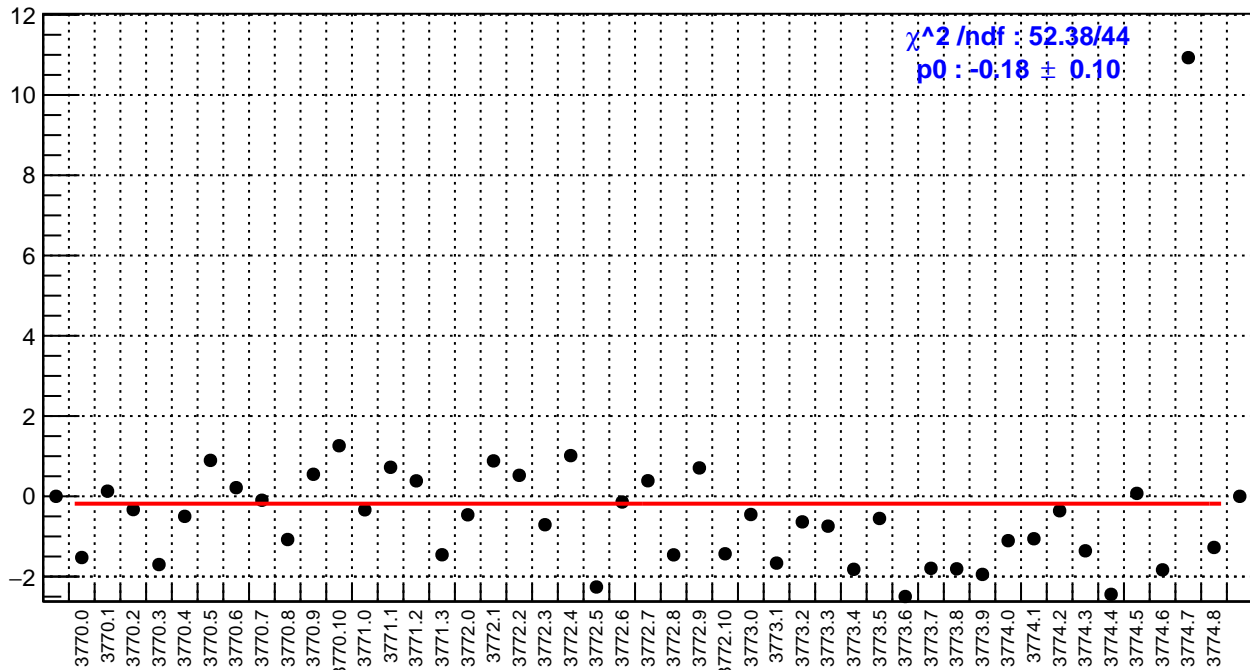




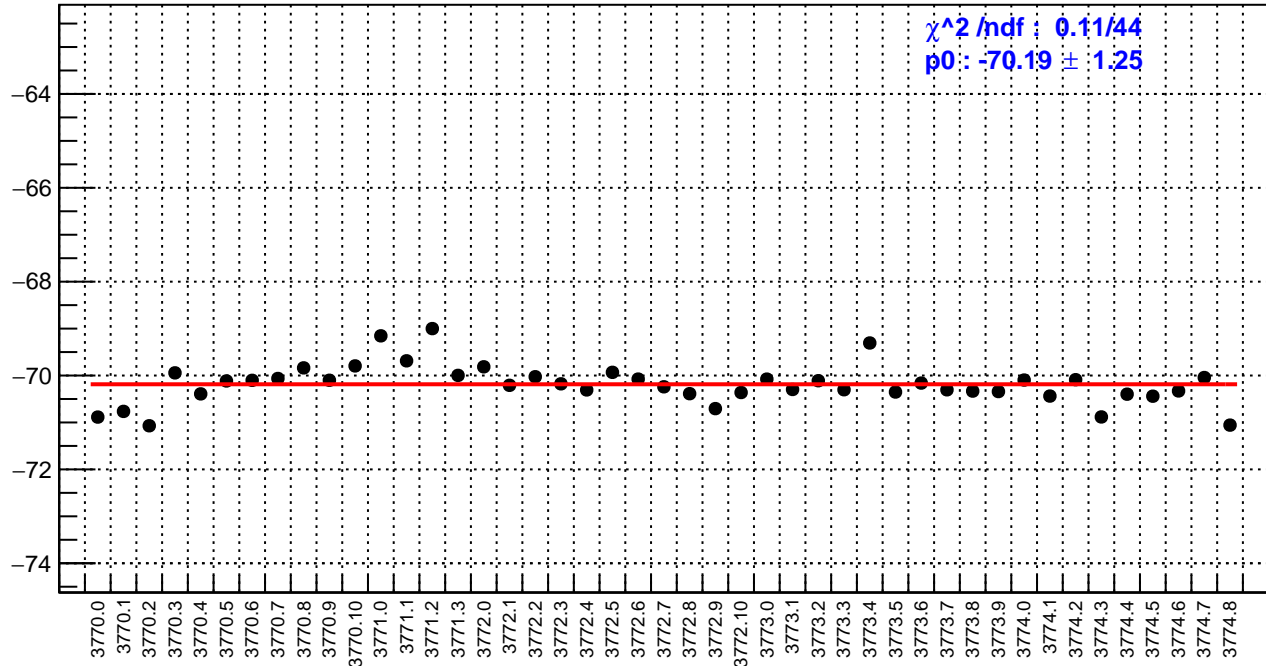
## slug23: dsl\_bpm4aX/(ppb/nm)



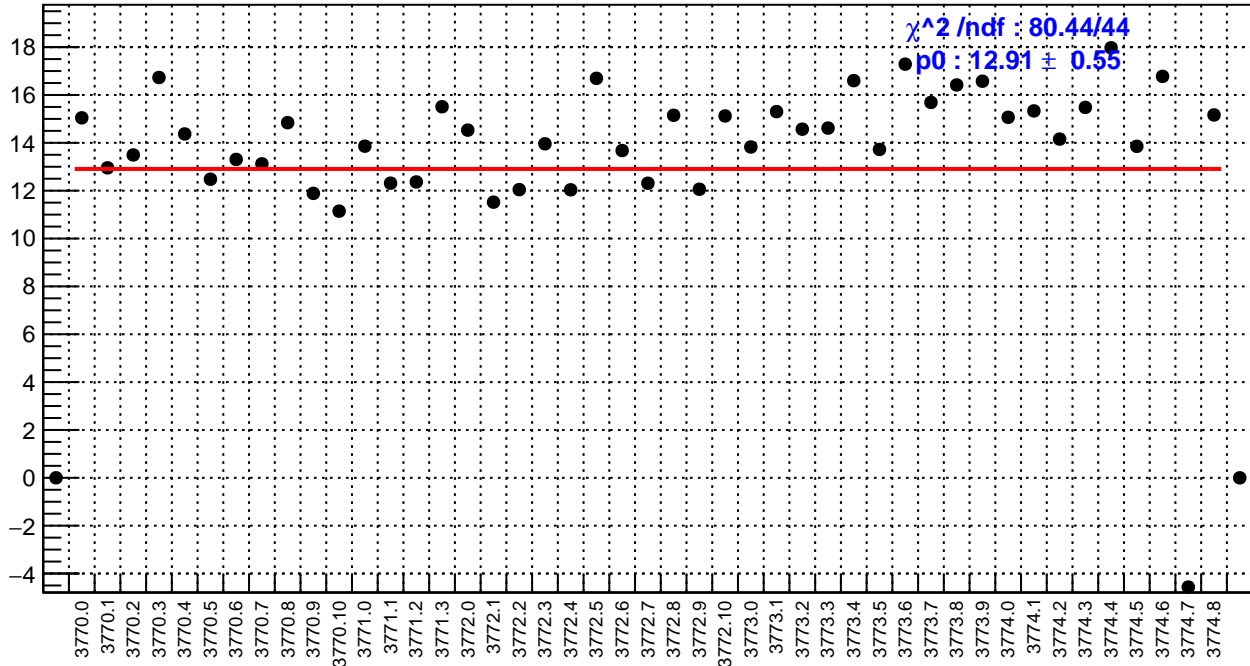
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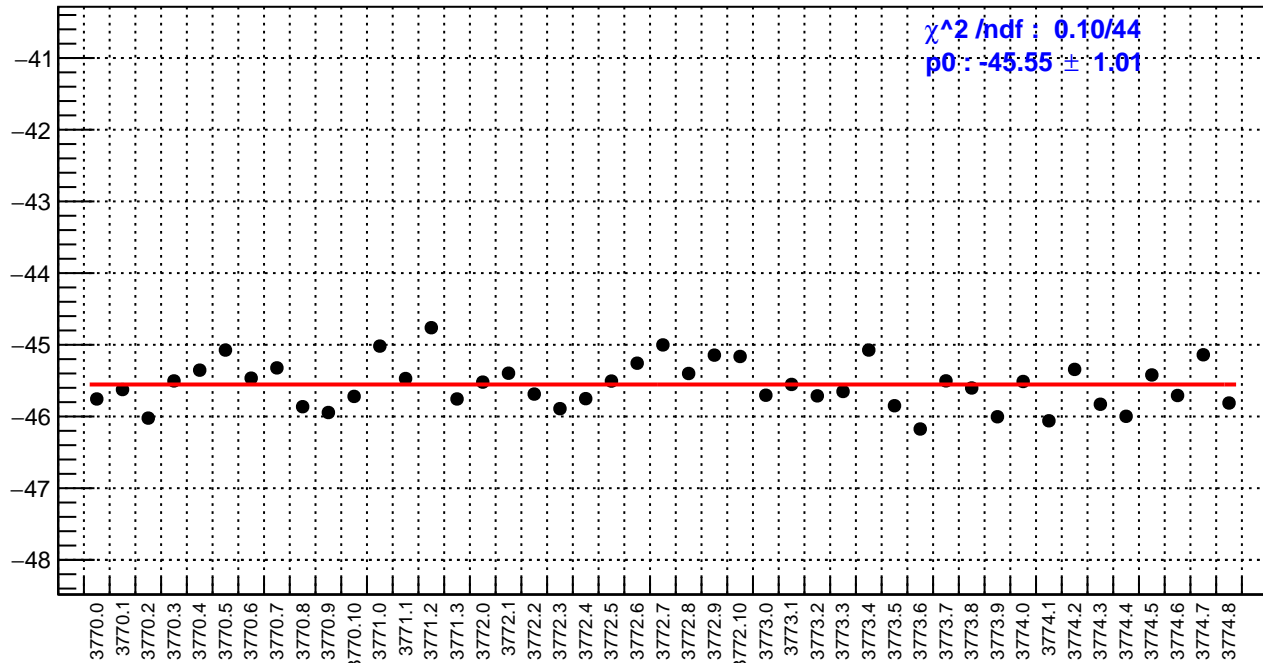
## slug23: dsl\_bpm4eX/(ppb/nm)



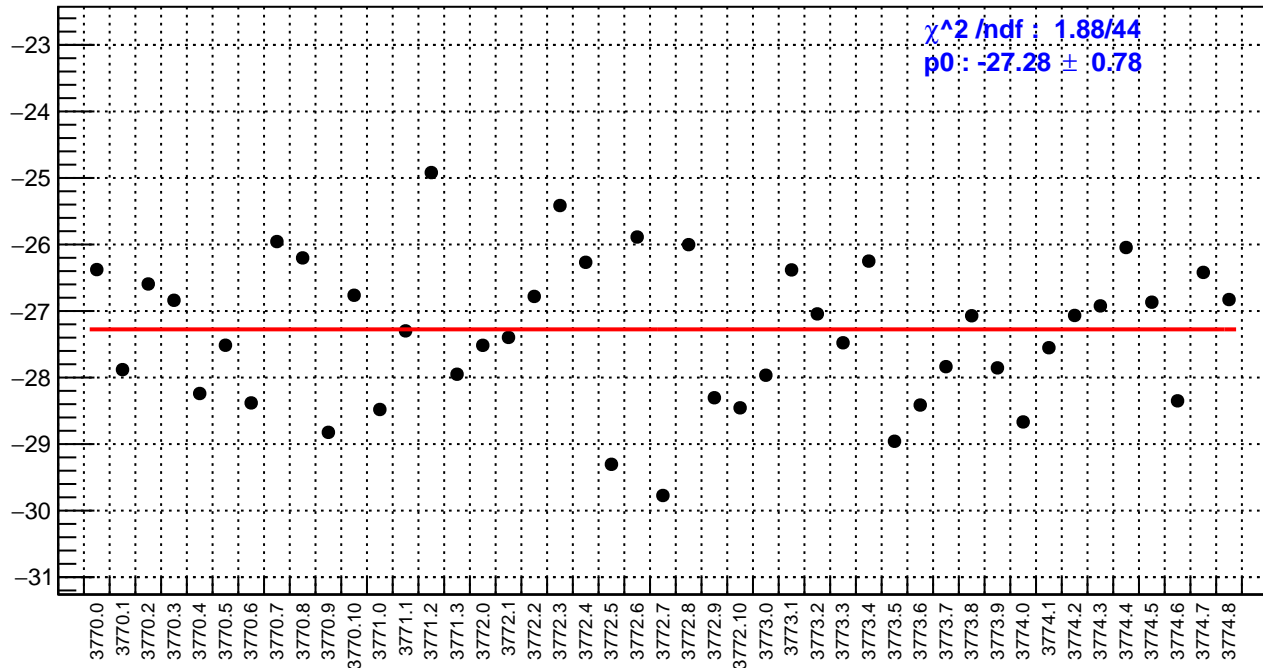
## slug23: dsl\_bpm4eY/(ppb/nm)



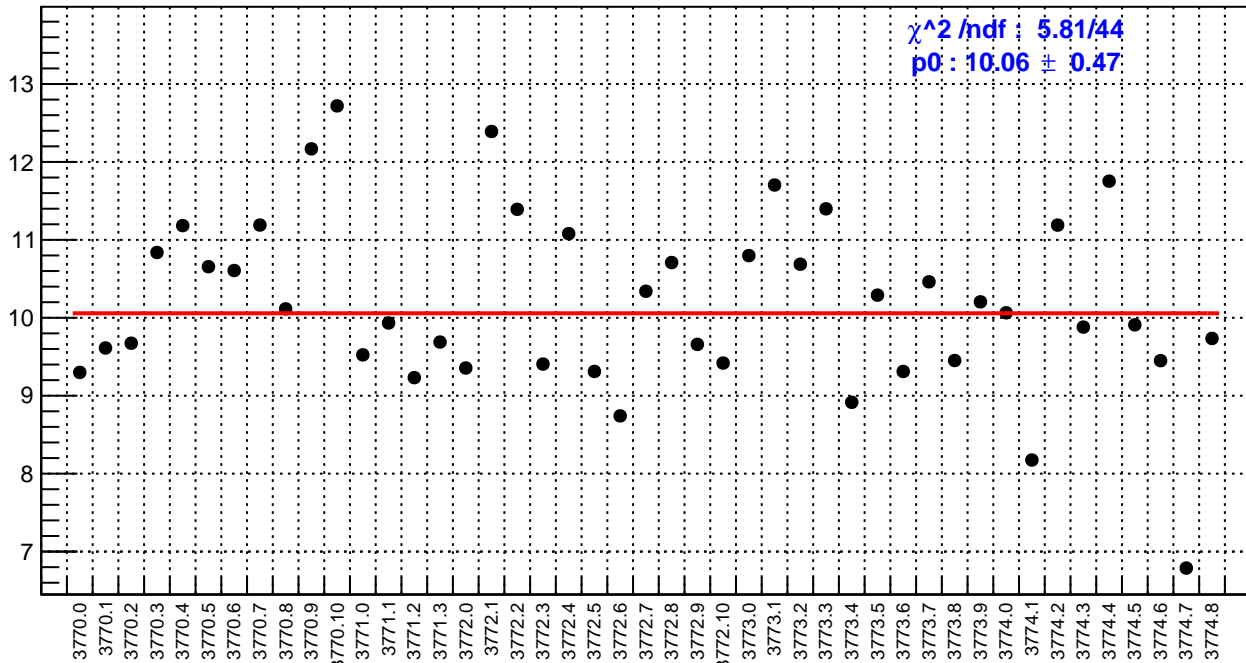
## slug23: dsl\_bpm12X/(ppb/nm)



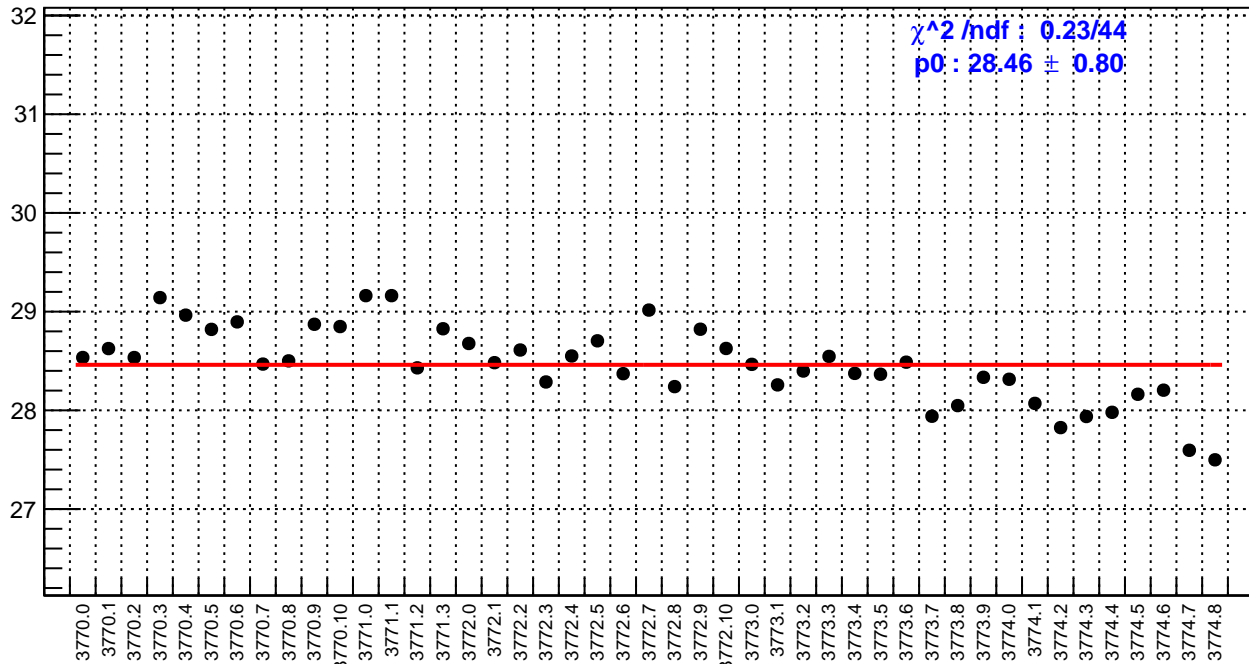
## slug23: dsr\_bpm4aX/(ppb/nm)



## slug23: dsr\_bpm4aY/(ppb/nm)

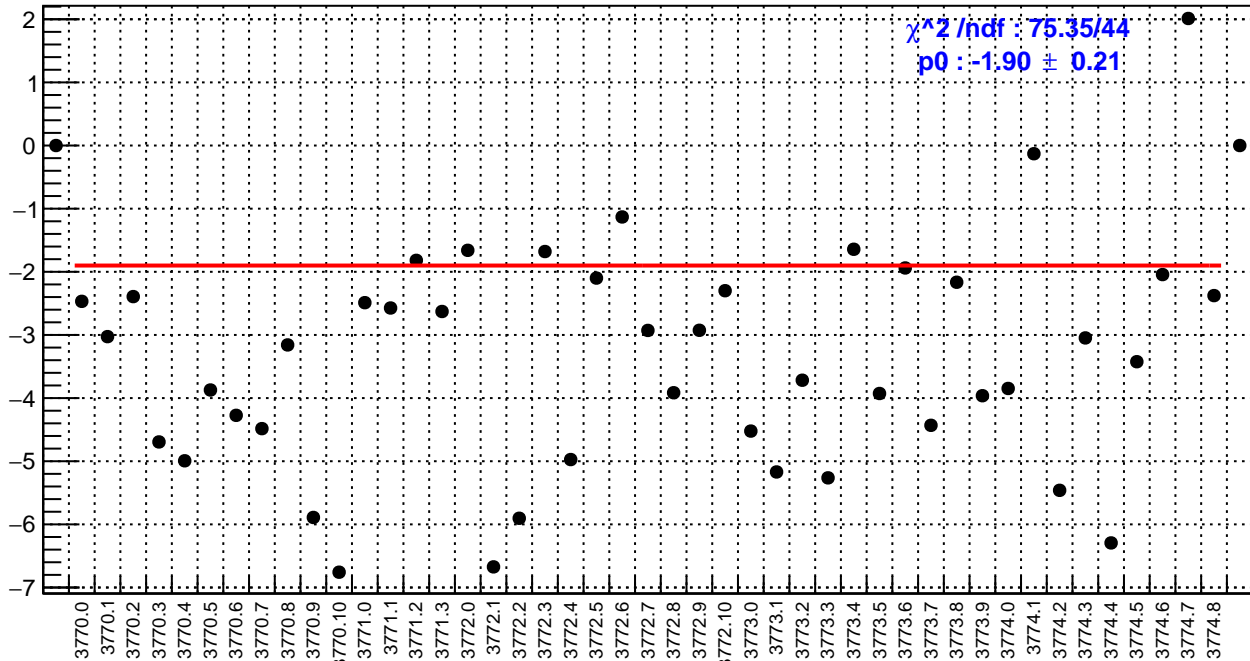


## slug23: dsr\_bpm4eX/(ppb/nm)

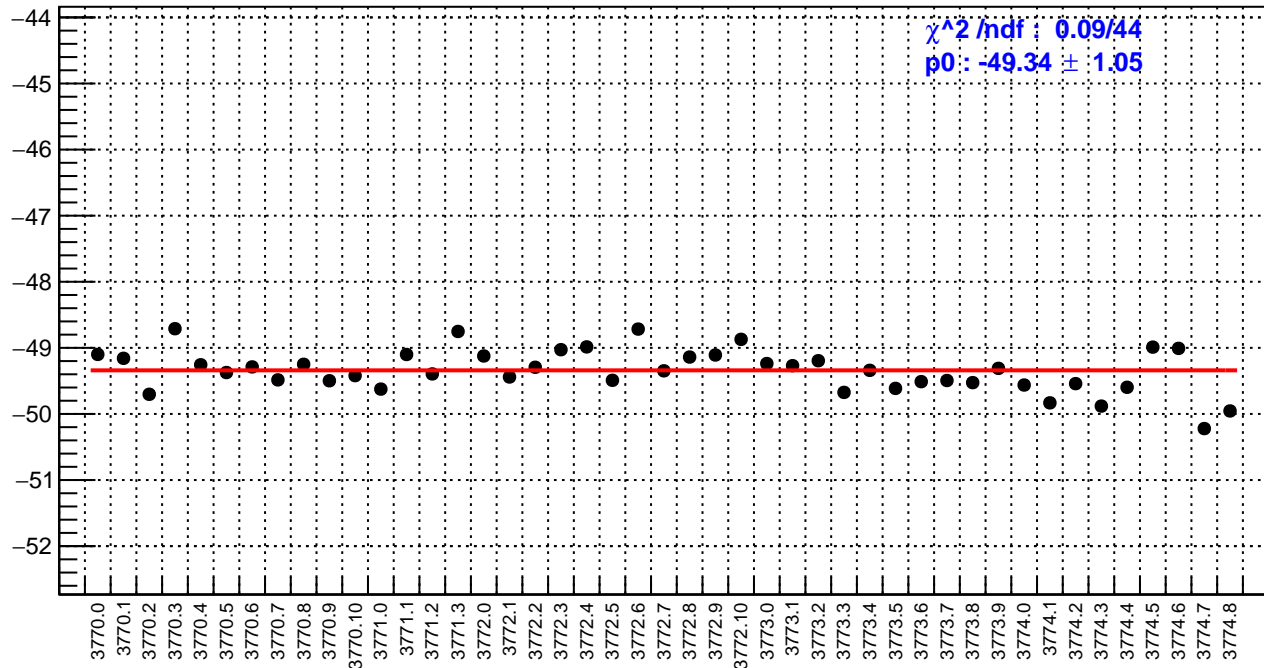




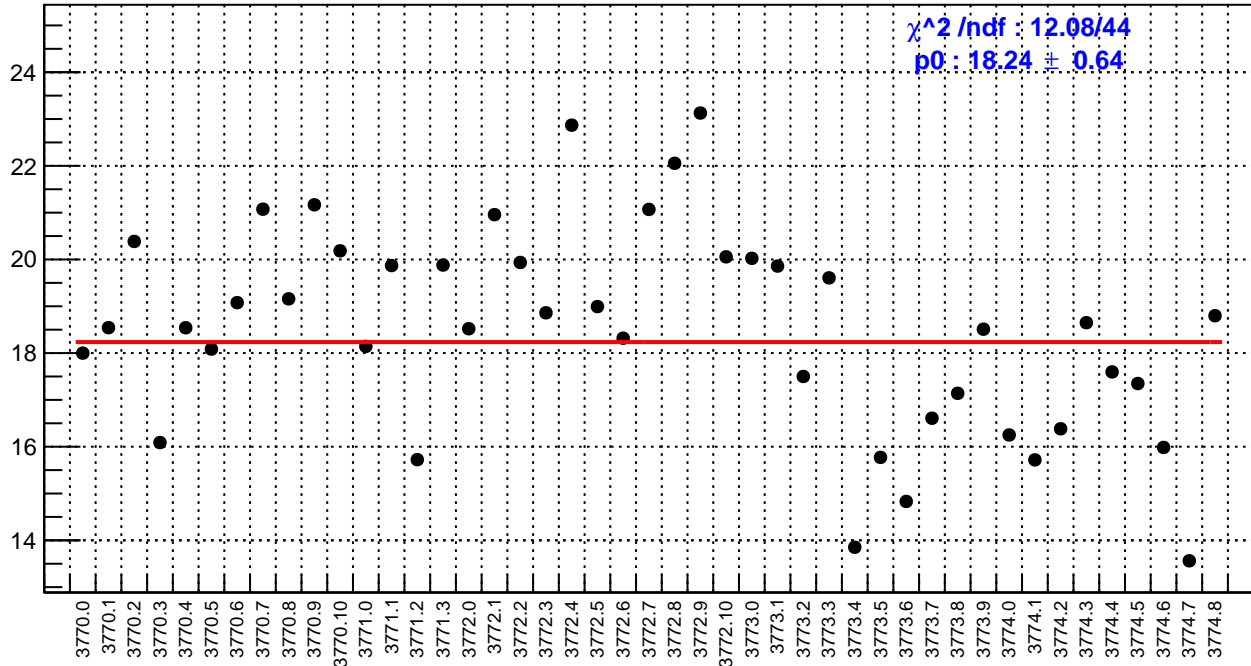
## slug23: dsr\_bpm4eY/(ppb/nm)



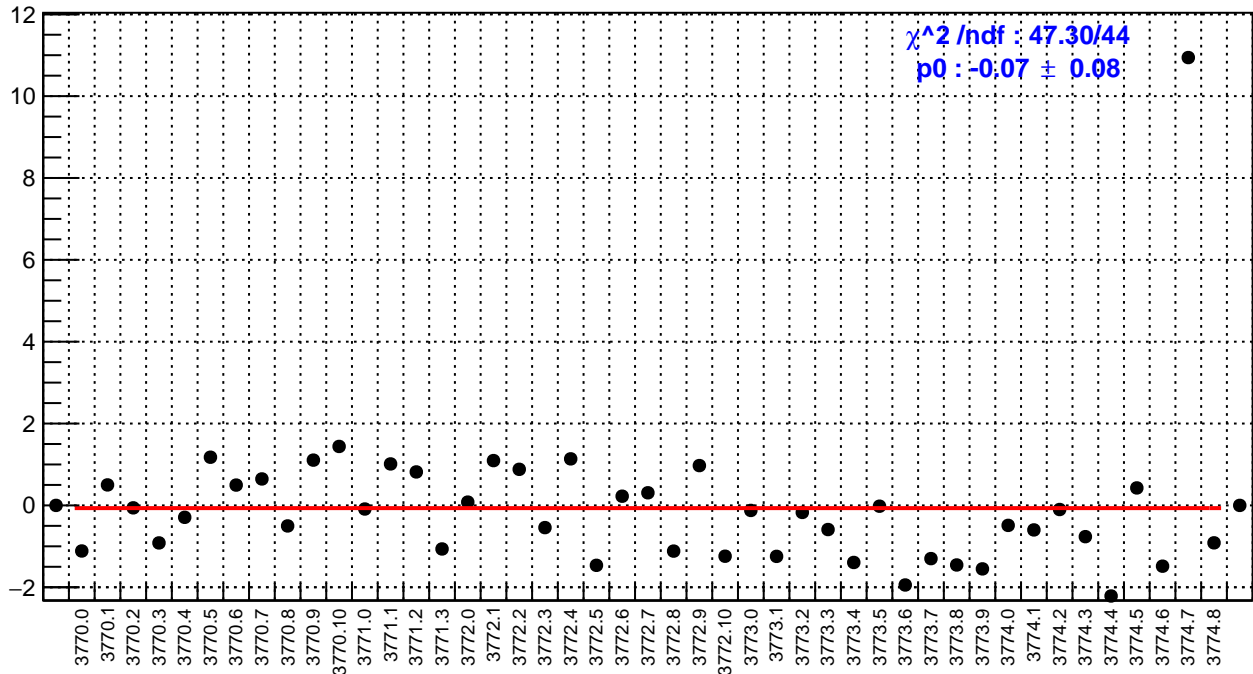
## slug23: dsr\_bpm12X/(ppb/nm)



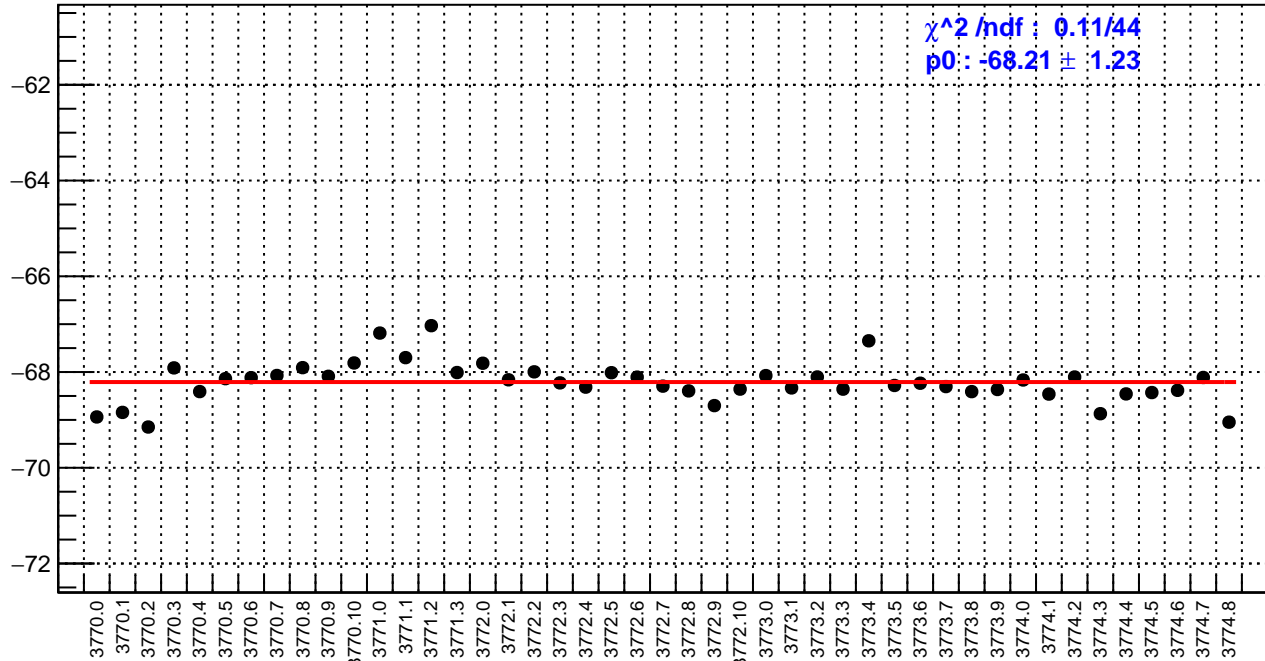
## slug23: left\_avg\_bpm4aX/(ppb/nm)



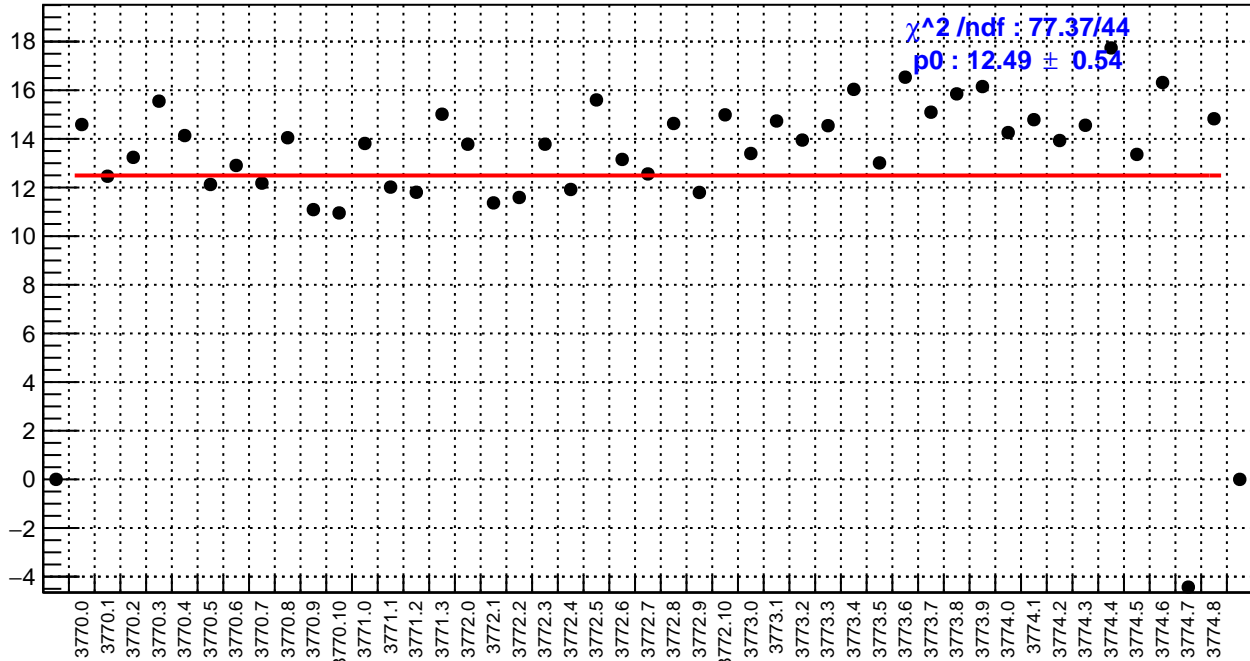
## slug23: left\_avg\_bpm4aY/(ppb/nm)



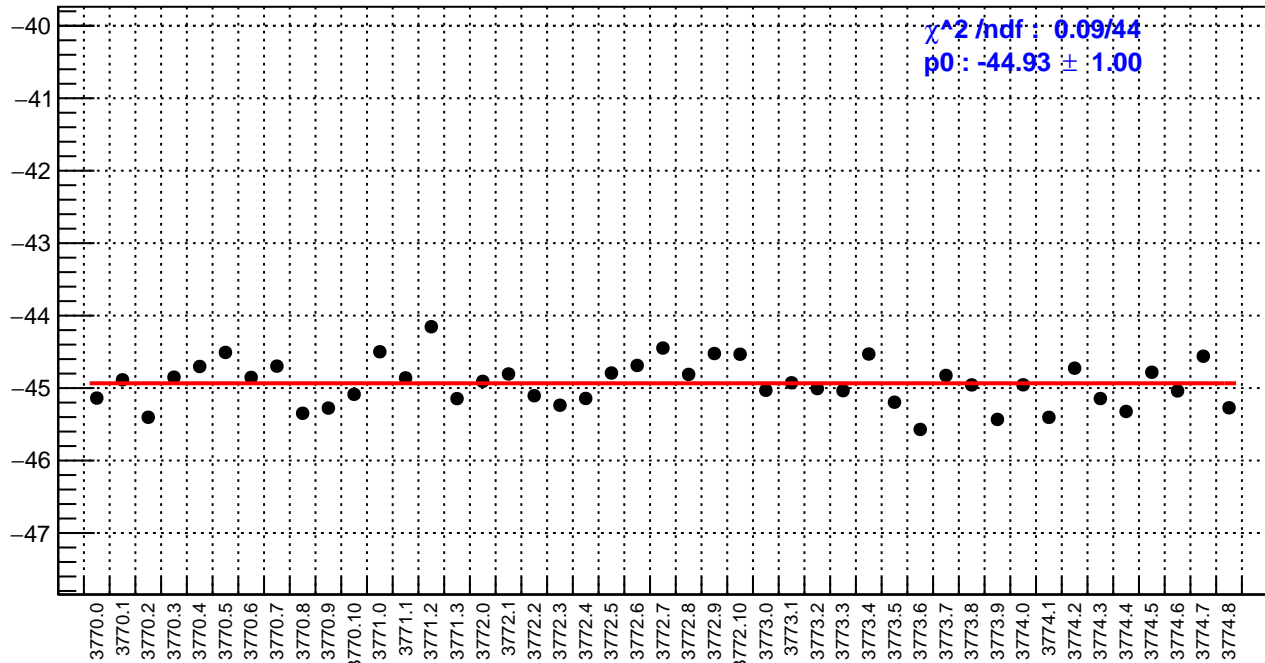
# slug23: left\_avg\_bpm4eX/(ppb/nm)



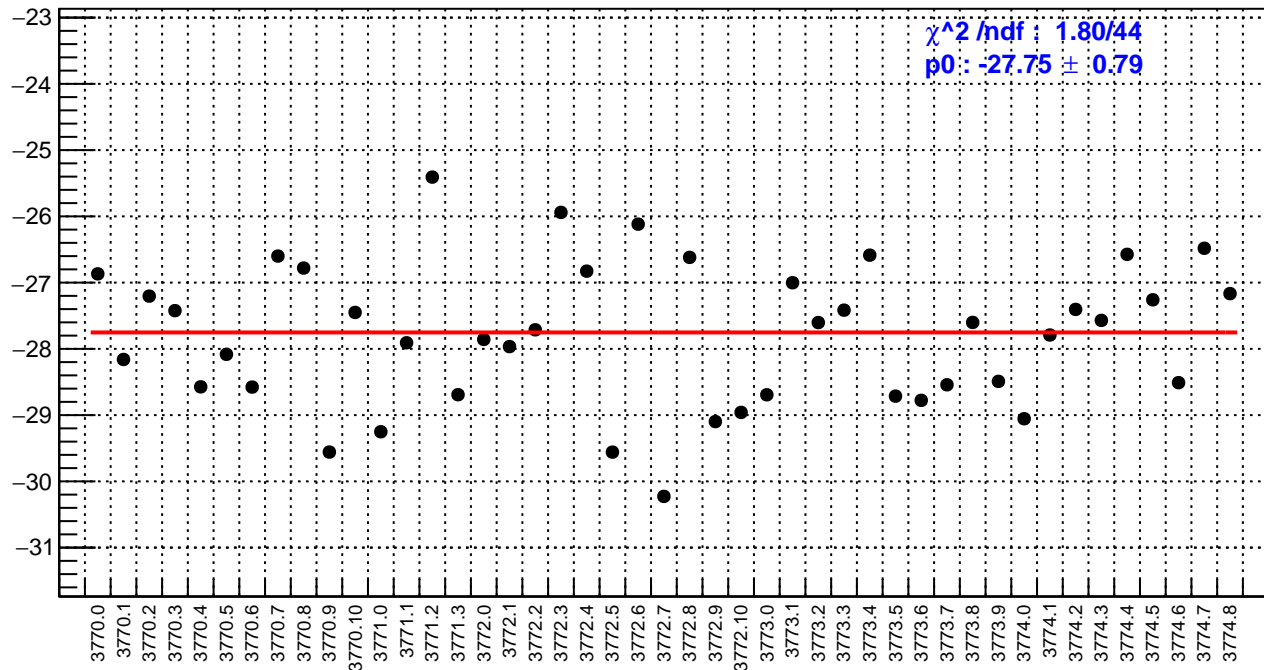
slug23: left\_avg\_bpm4eY/(ppb/nm)



# slug23: left\_avg\_bpm12X/(ppb/nm)

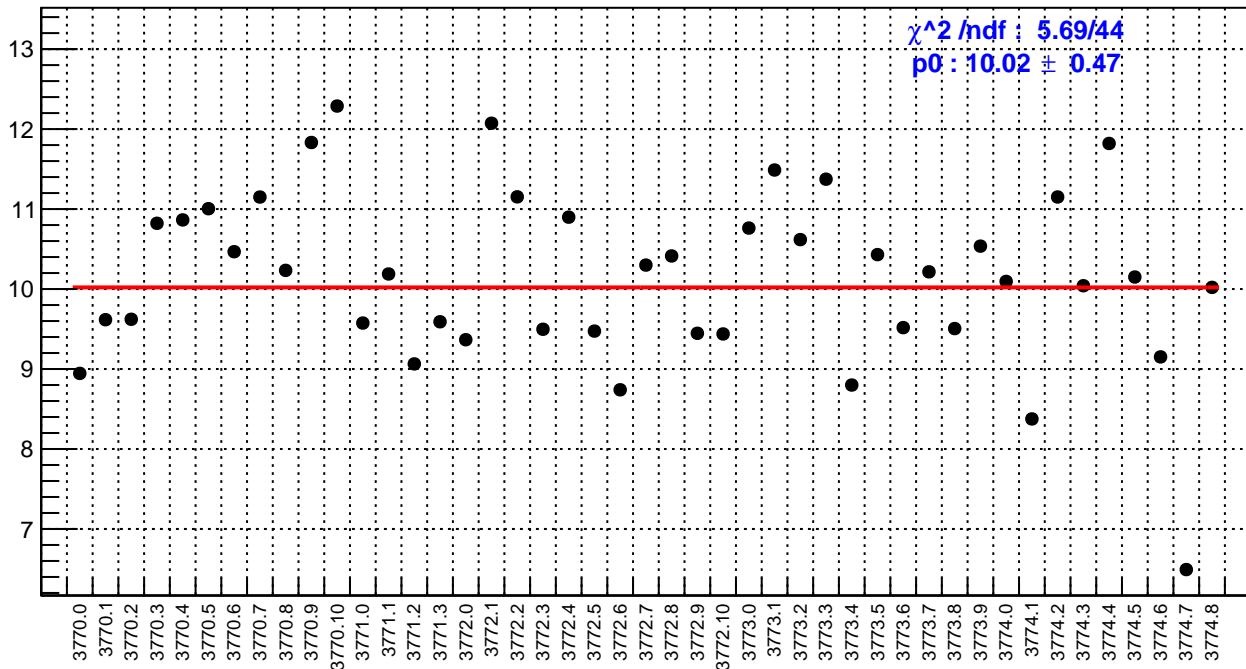


## slug23: right\_avg\_bpm4aX/(ppb/nm)

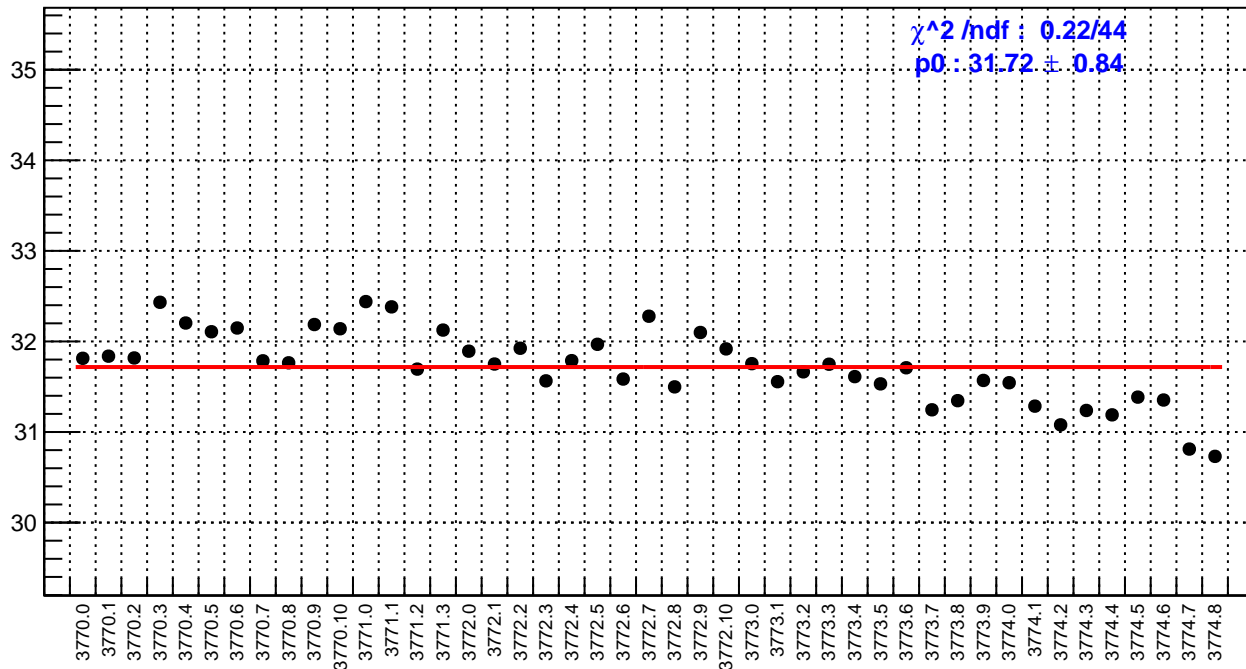




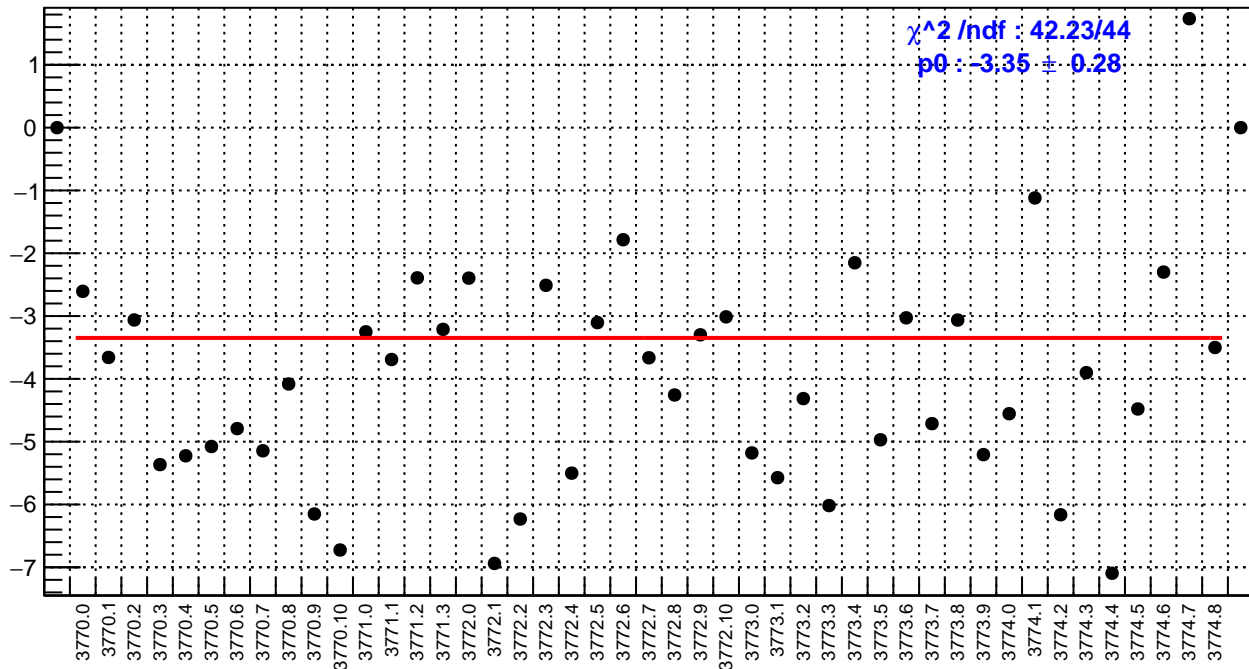
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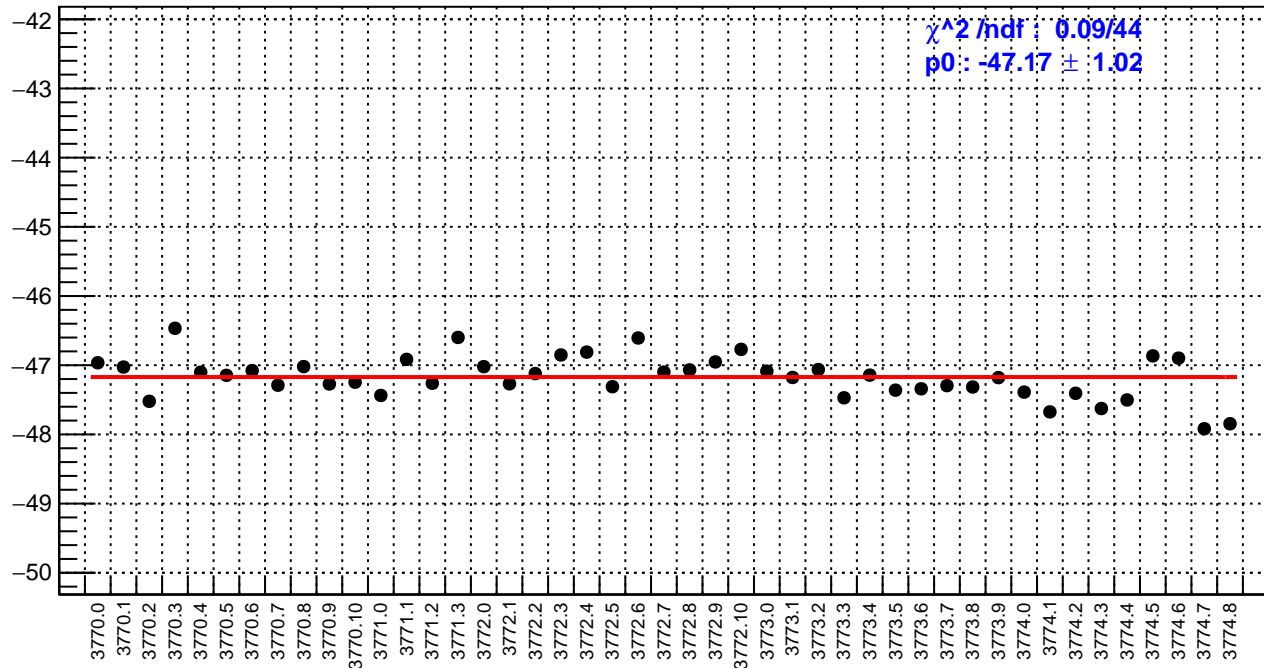
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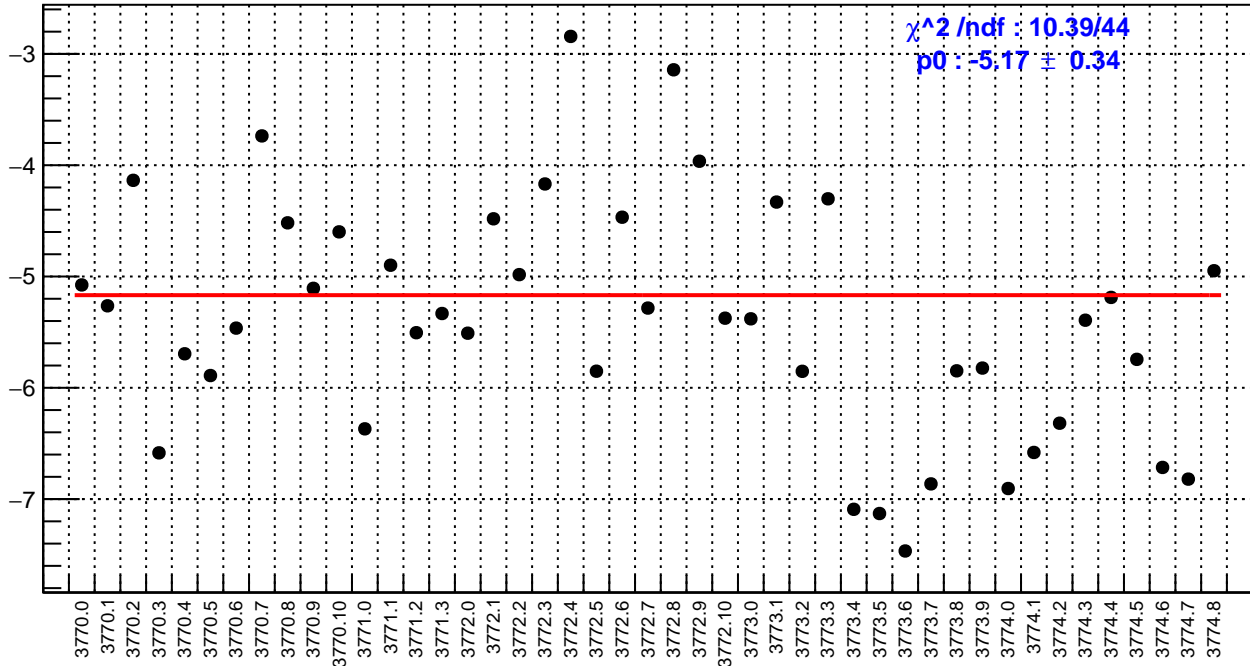
## slug23: right\_avg\_bpm4eY/(ppb/nm)



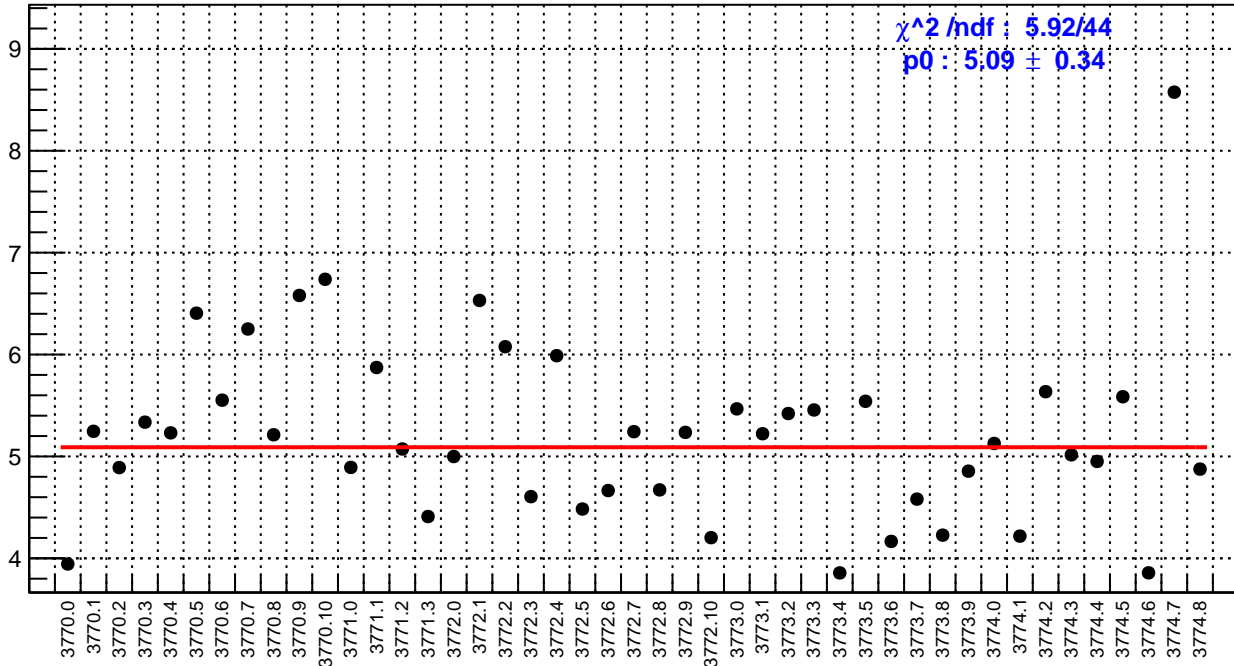
## slug23: right\_avg\_bpm12X/(ppb/nm)



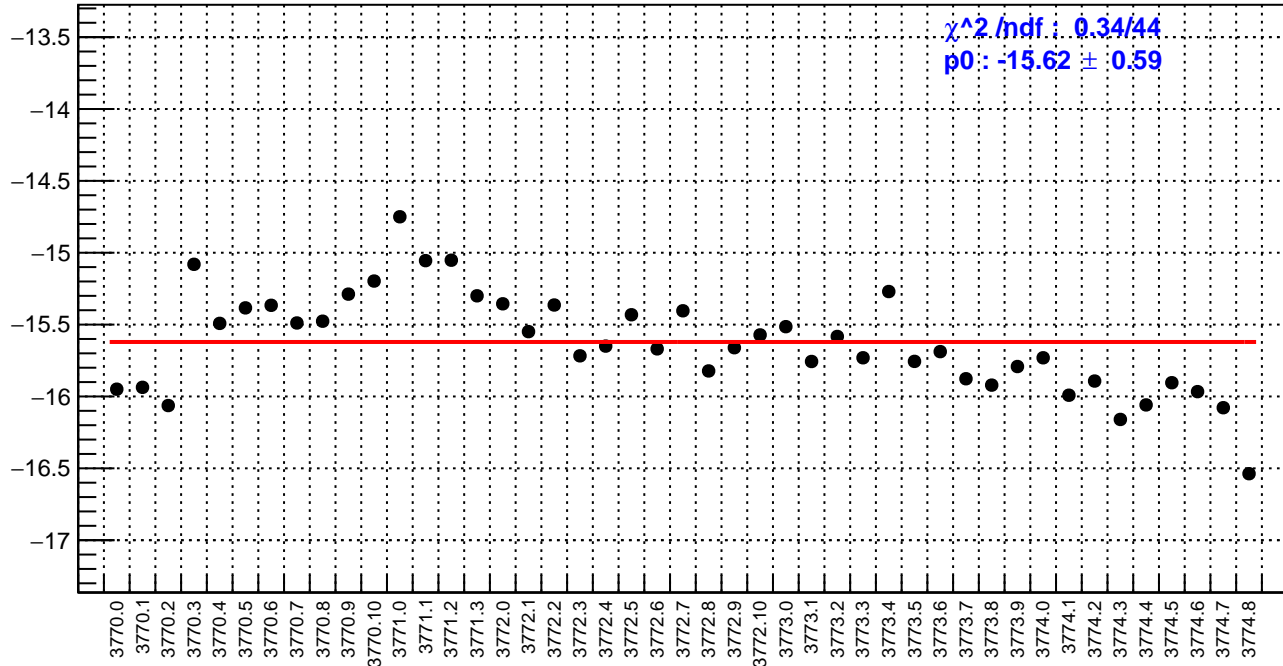
## slug23: us\_avg\_bpm4aX/(ppb/nm)



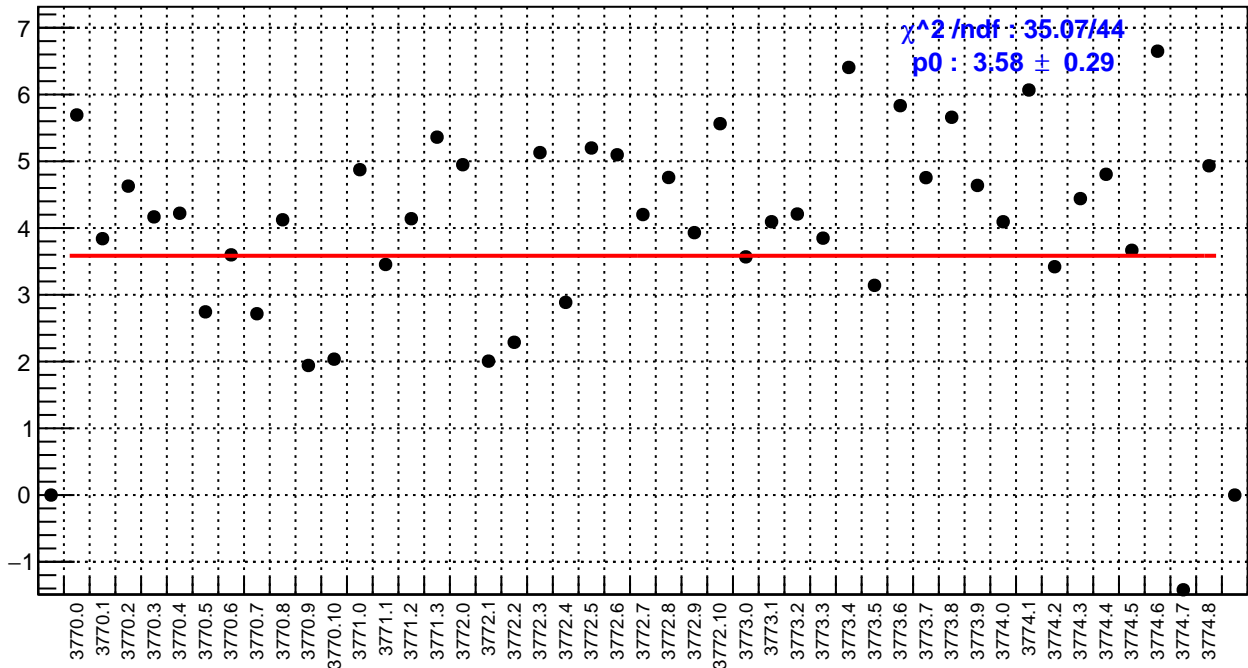
## slug23: us\_avg\_bpm4aY/(ppb/nm)



## slug23: us\_avg\_bpm4eX/(ppb/nm)

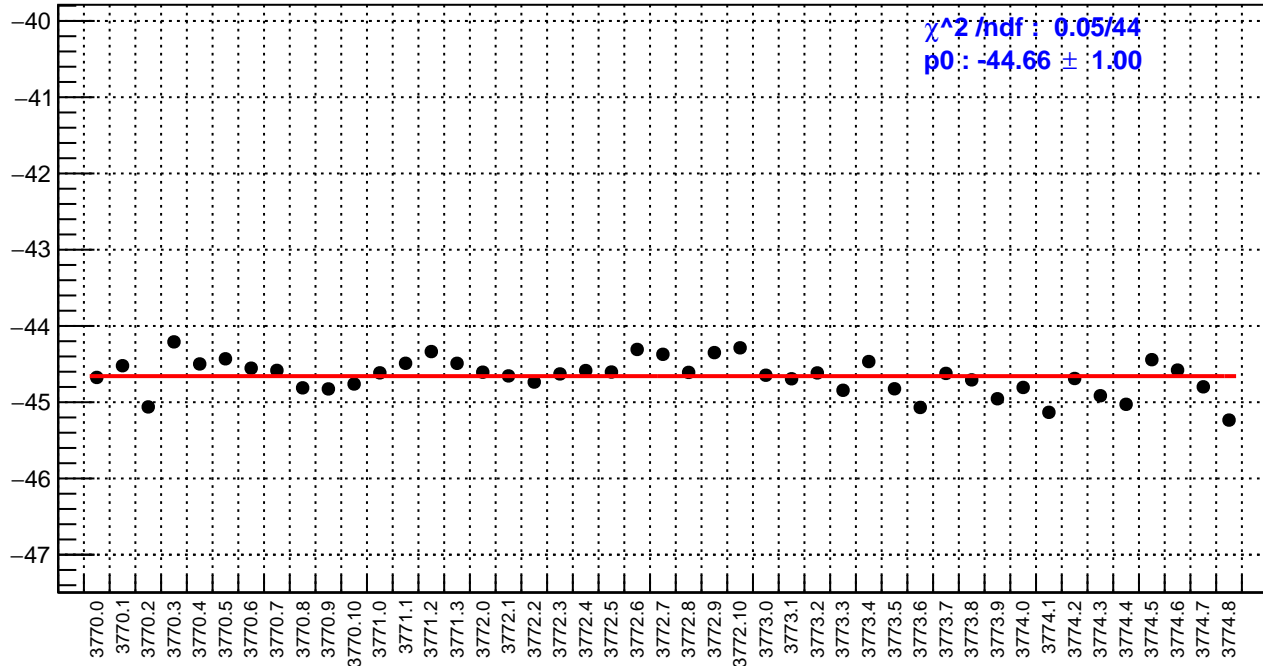


## slug23: us\_avg\_bpm4eY/(ppb/nm)

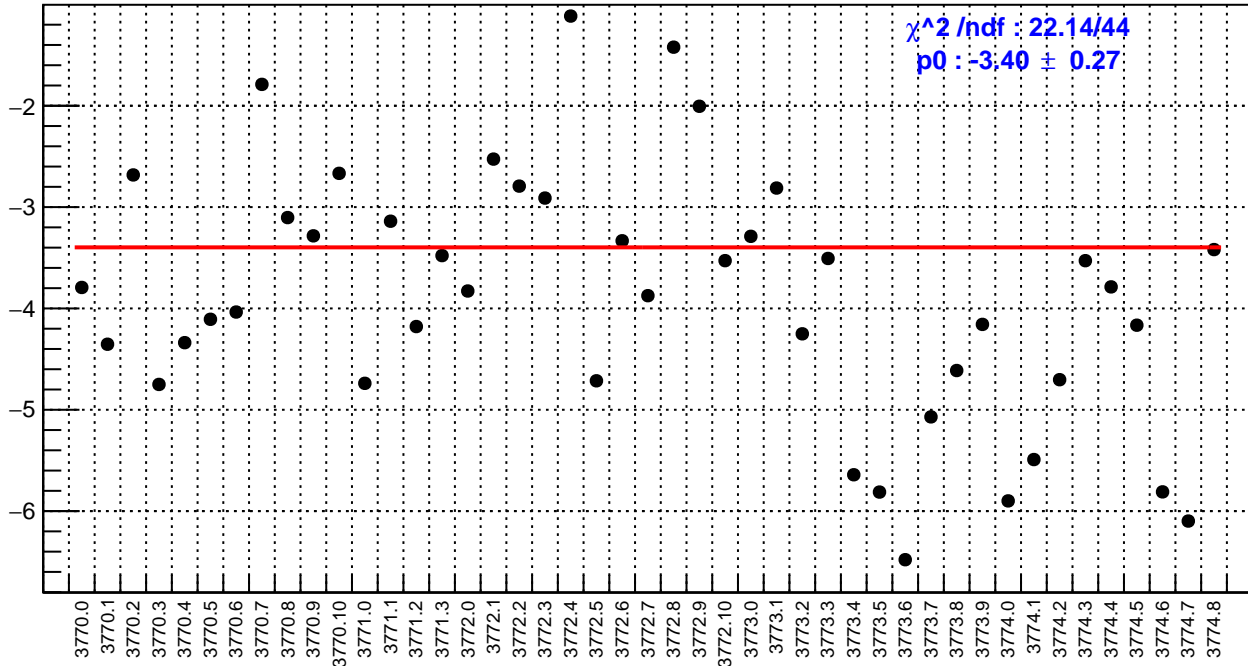




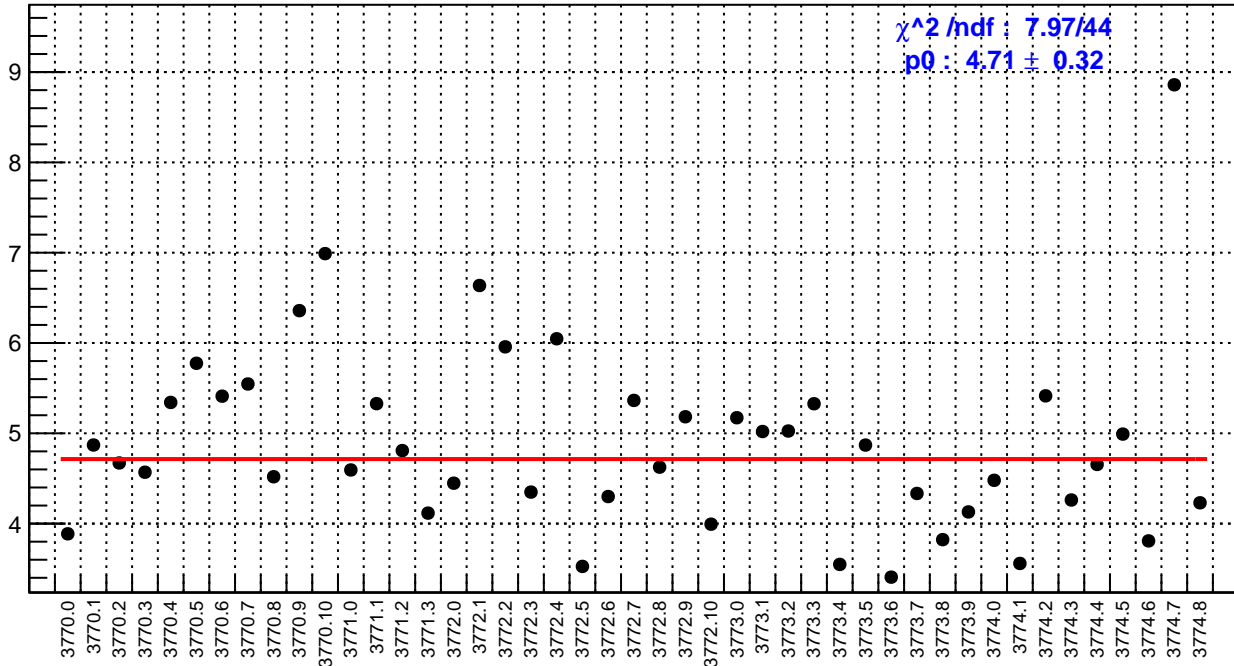
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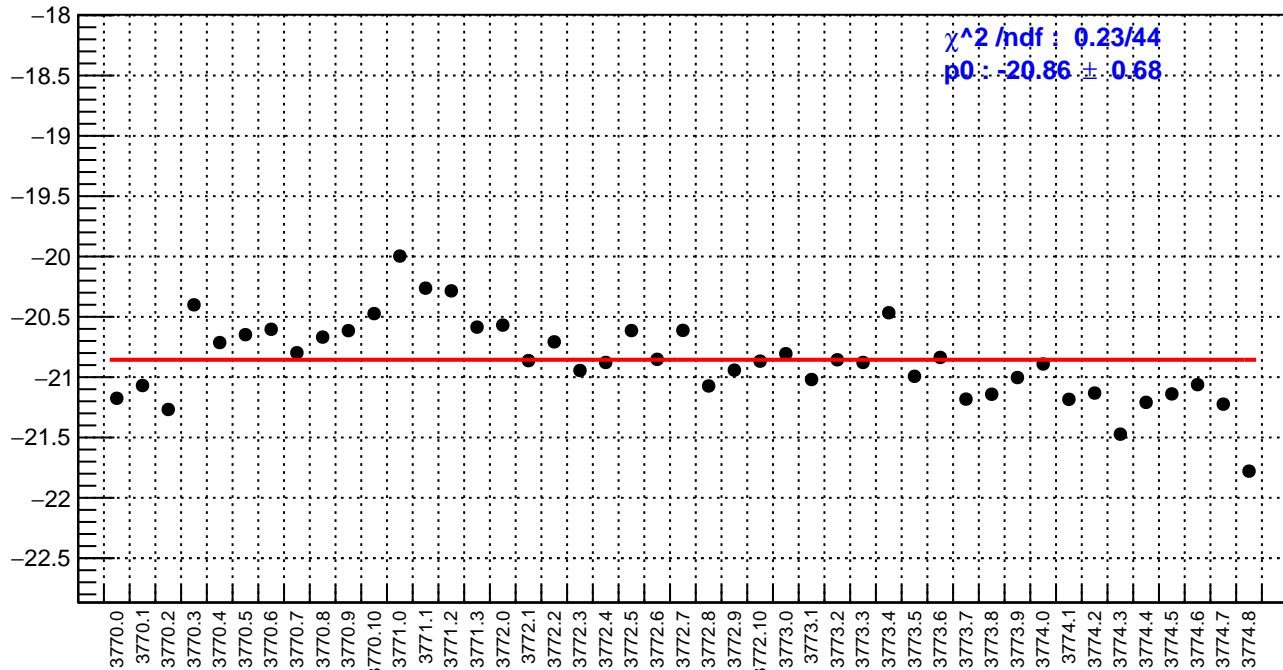
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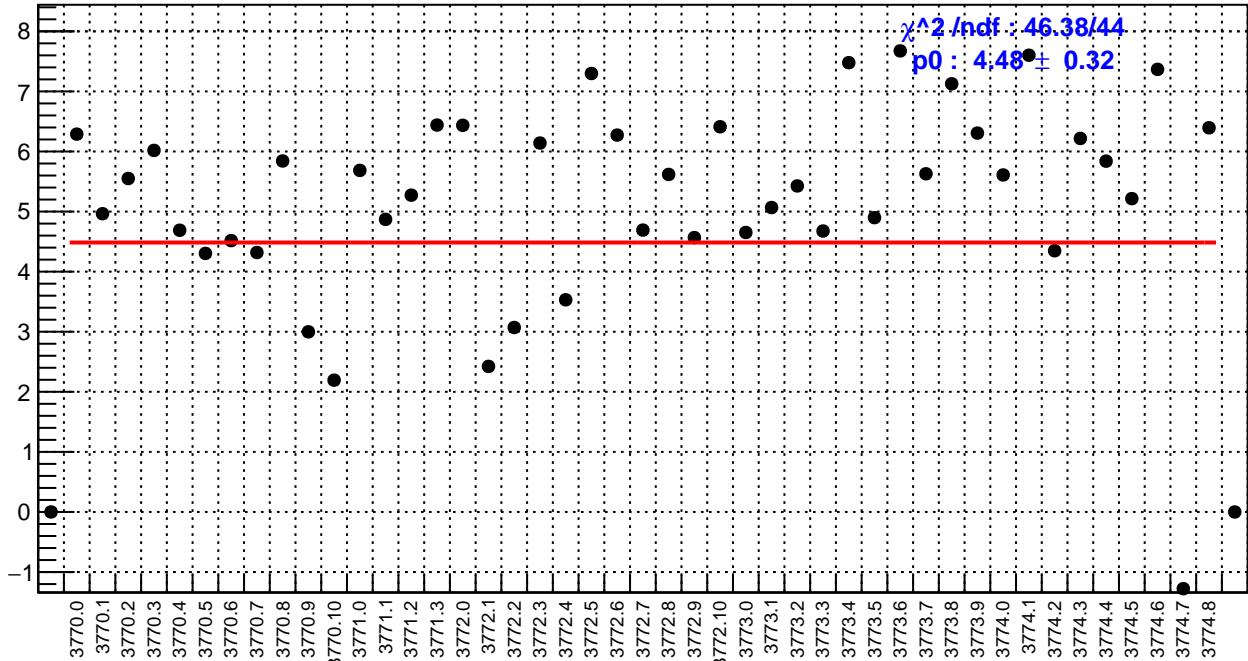
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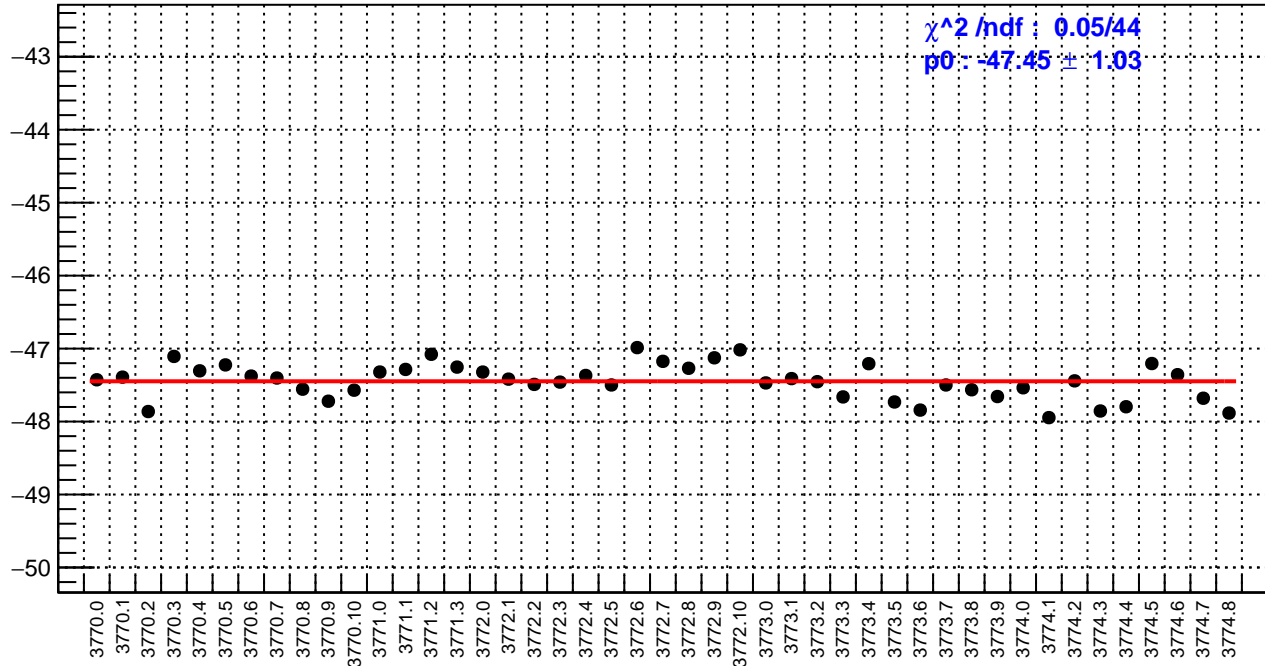
## slug23: ds\_avg\_bpm4eX/(ppb/nm)



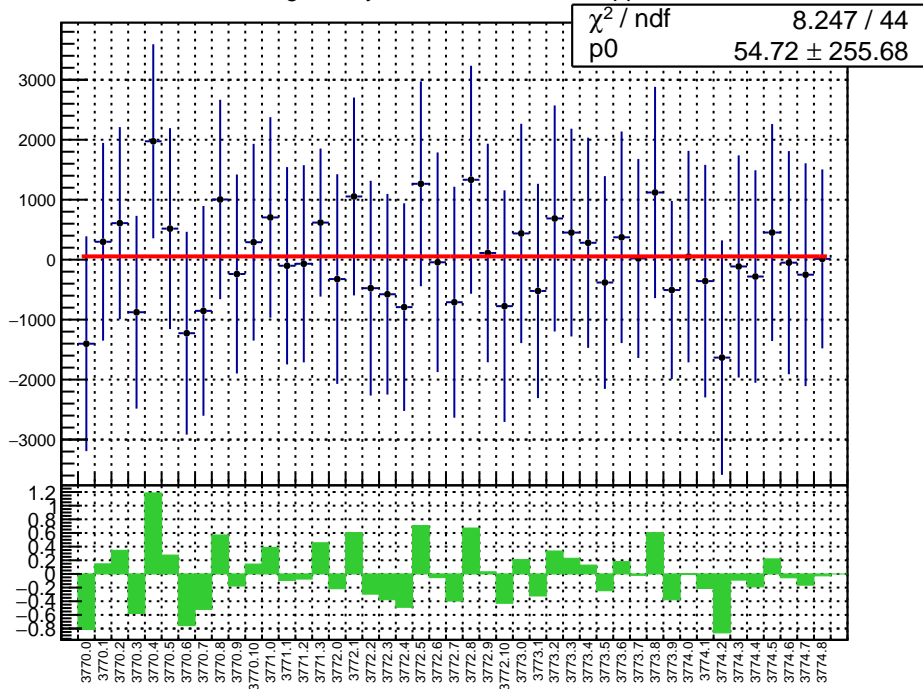
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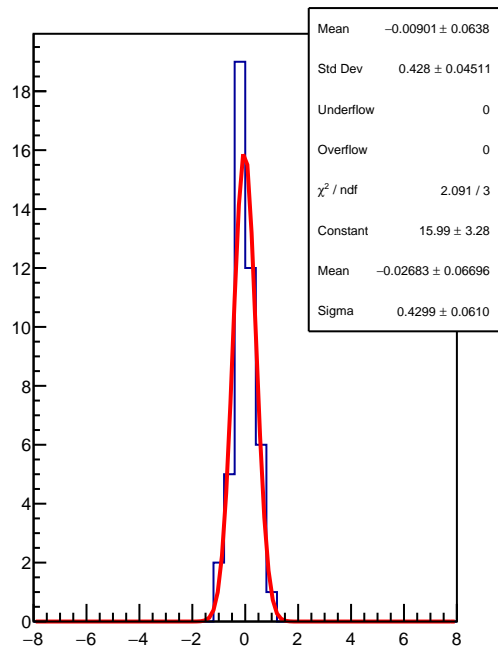
# slug23: ds\_avg\_bpm12X/(ppb/nm)



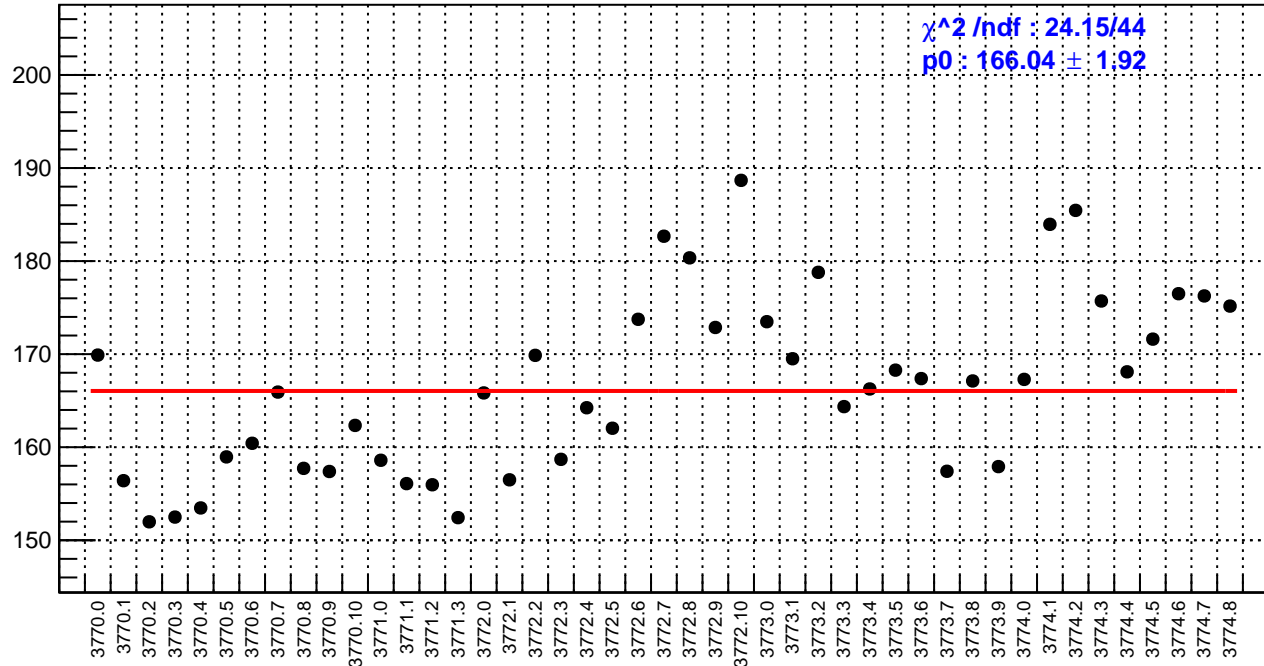
slug23: asym\_bcm\_an\_ds.mean/ppb



1D pull distribution

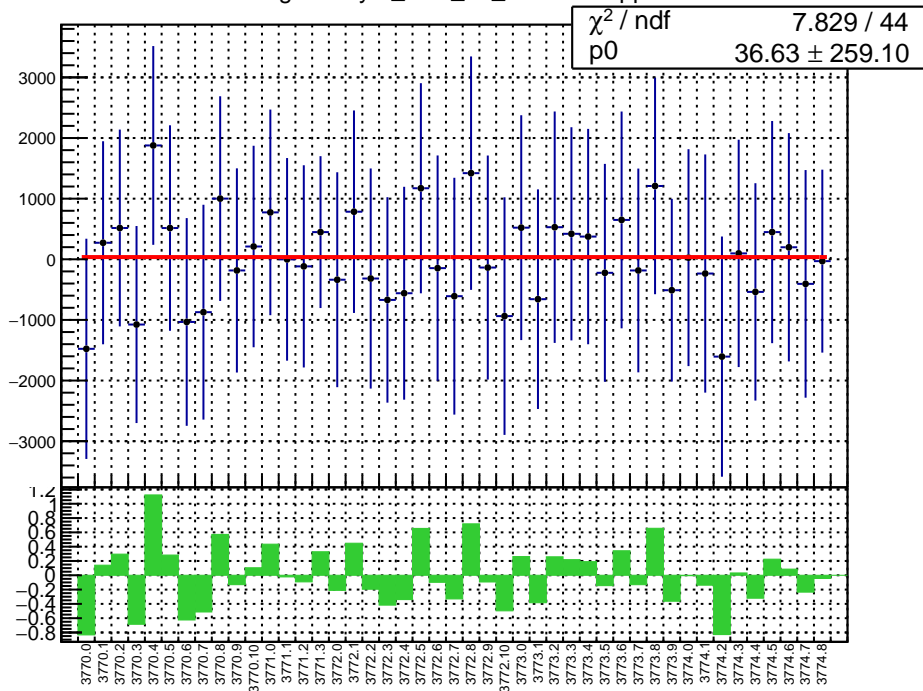


## slug23: asym\_bcm\_an\_ds.rms/ppm

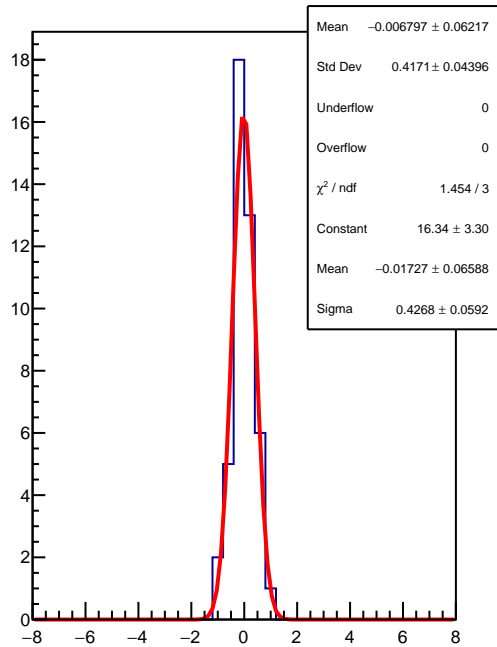




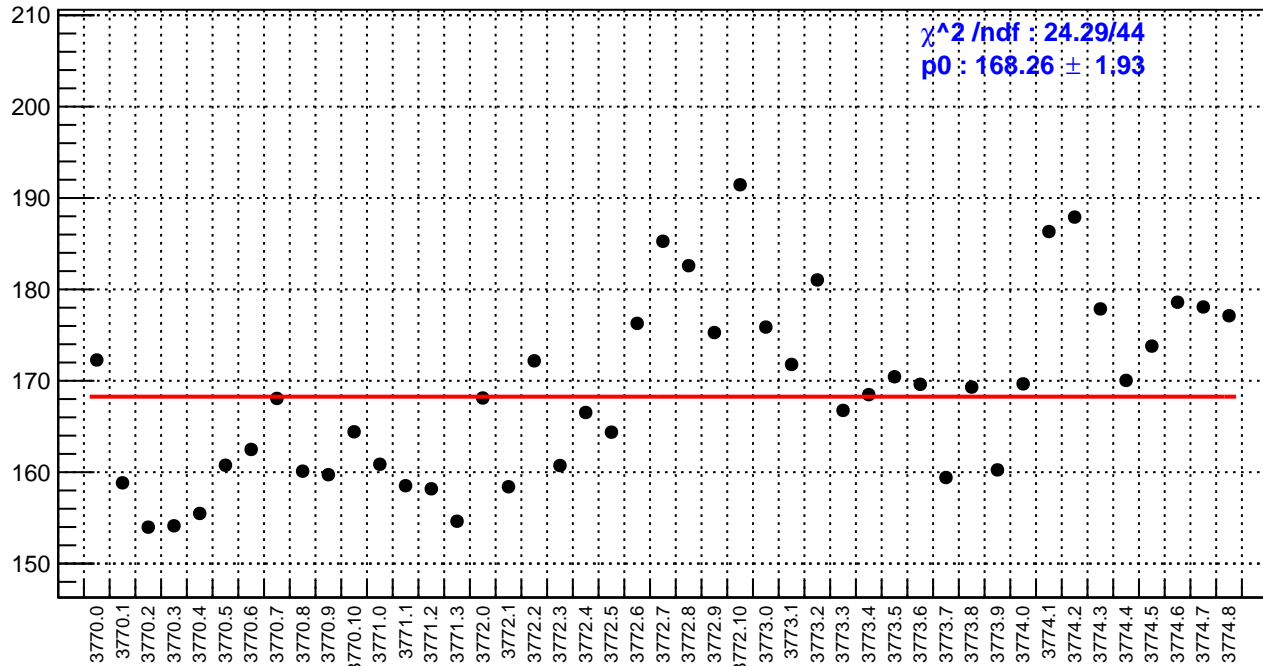
slug23: asym\_bcm\_an\_ds3.mean/ppb



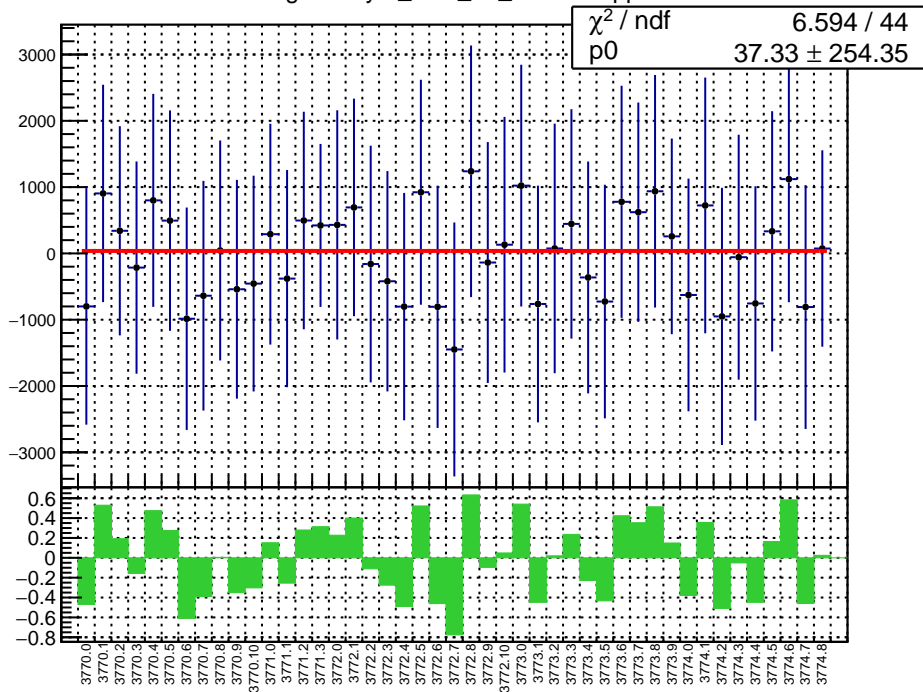
1D pull distribution



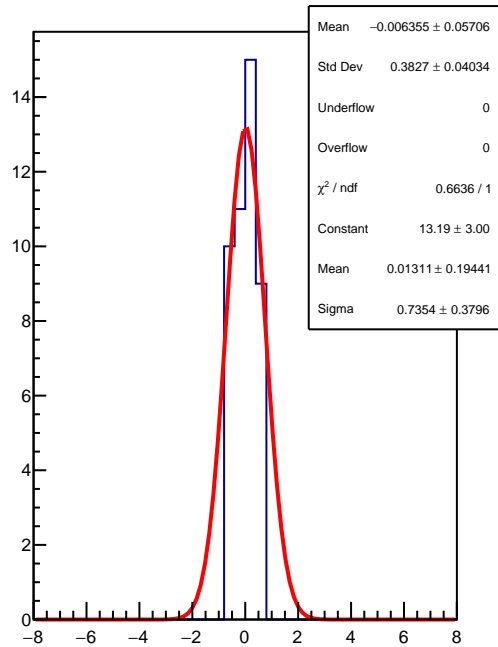
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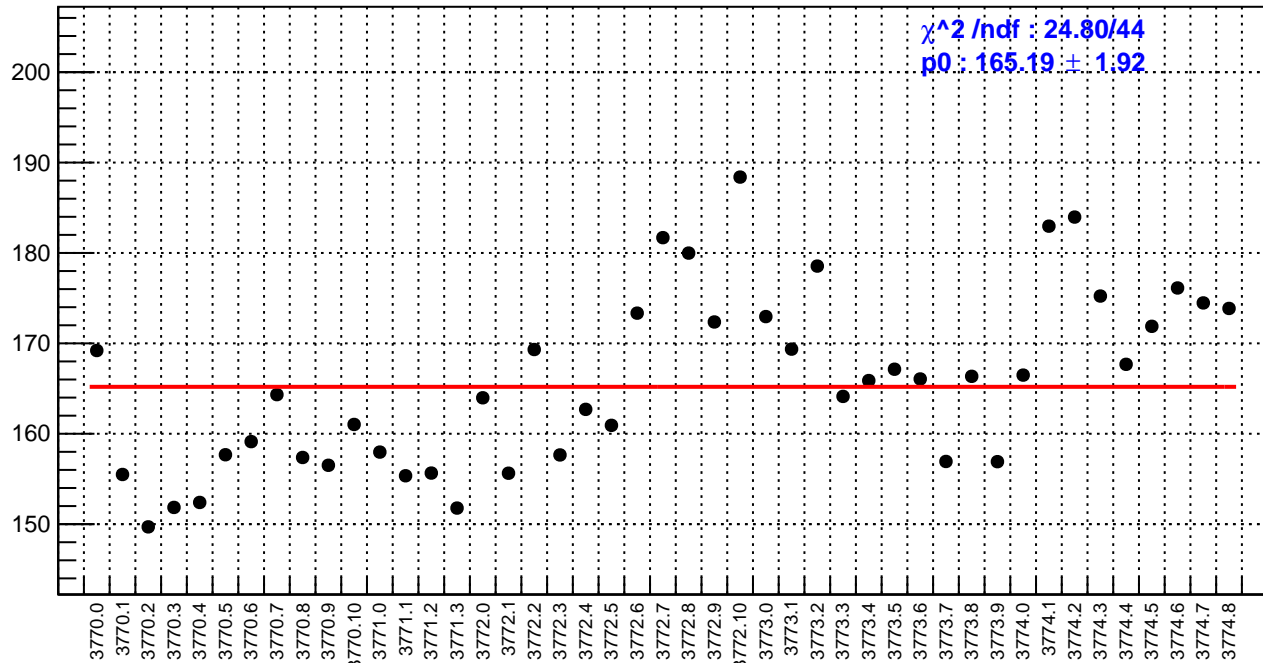
slug23: asym\_bcm\_an\_us.mean/ppb



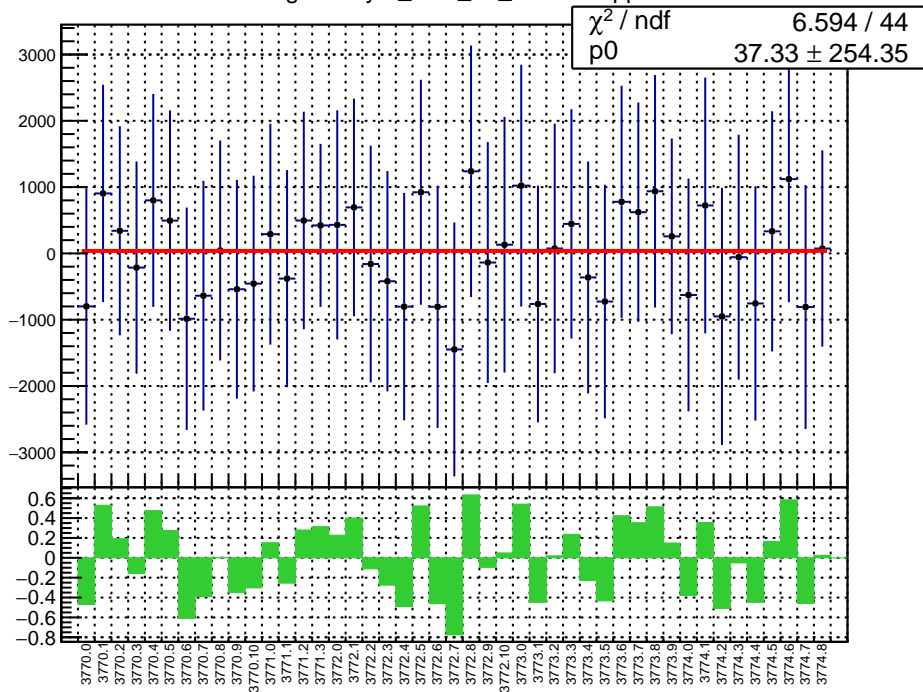
1D pull distribution



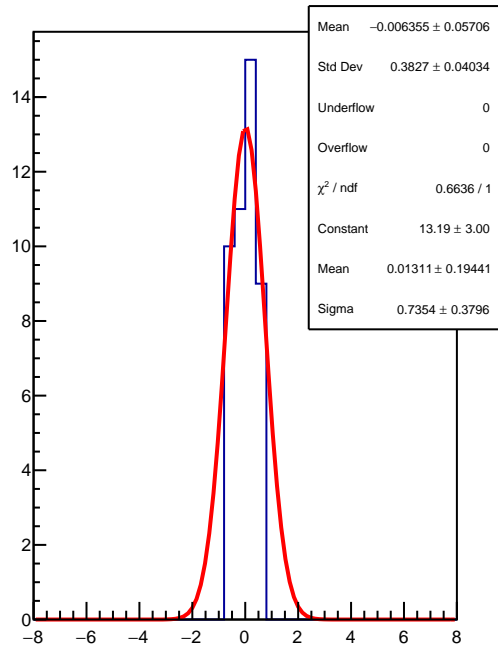
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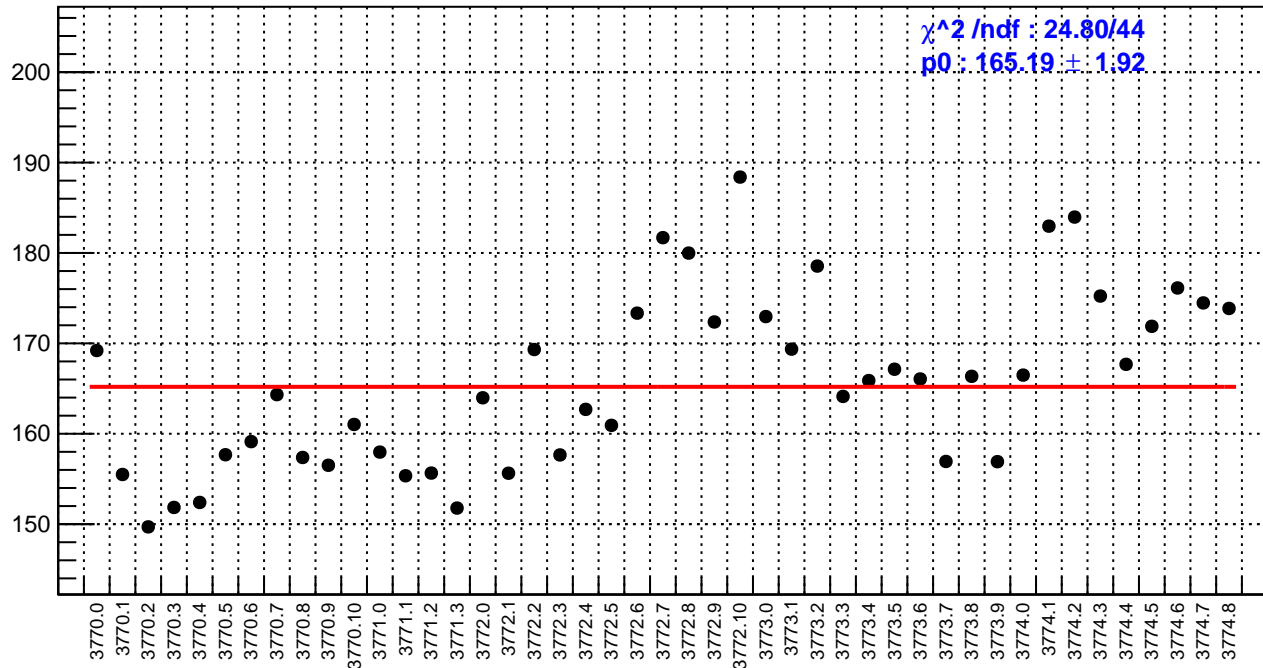
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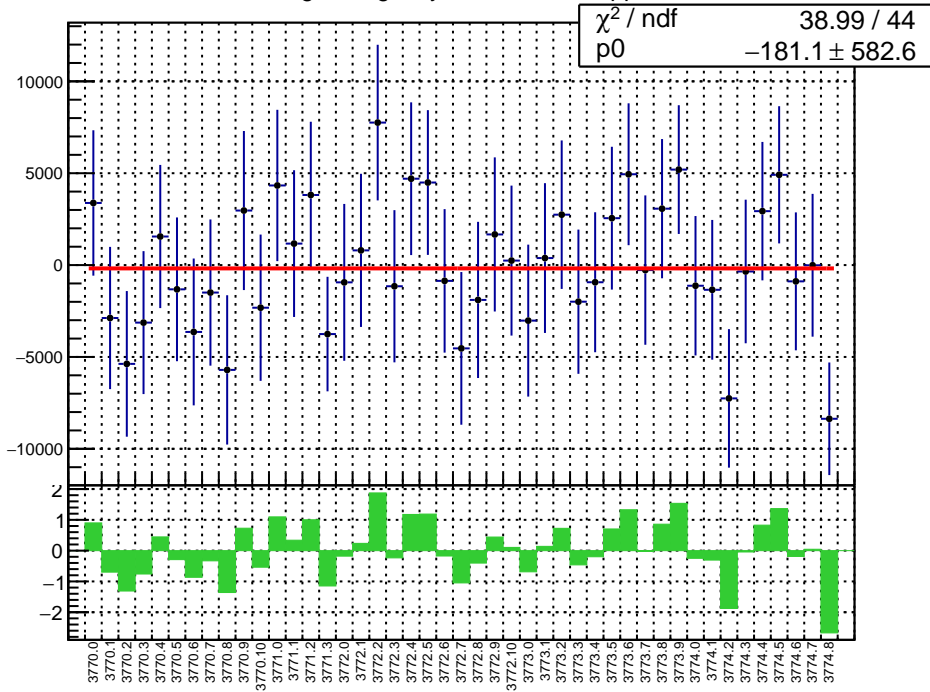
1D pull distribution



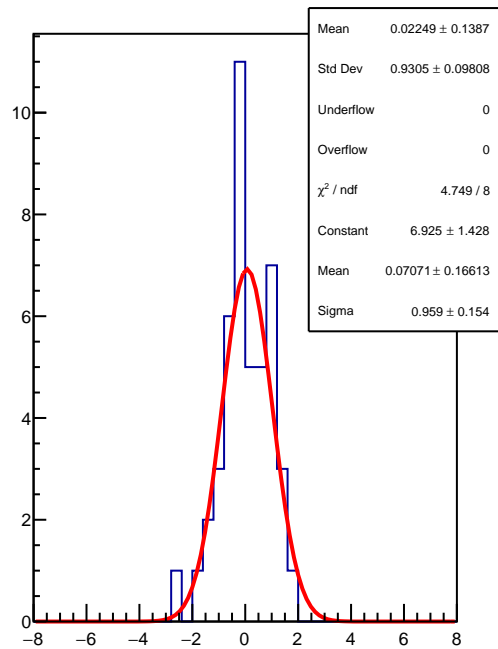
## slug23: asym\_bcm\_an\_us.rms/ppm



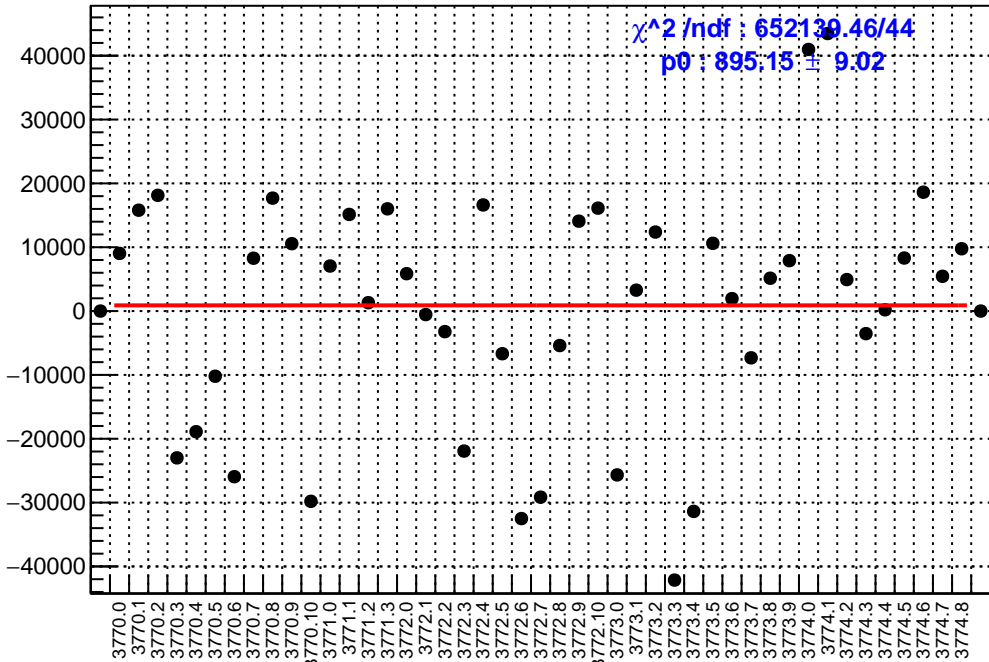
slug23: reg\_asym\_sam1.mean/ppb



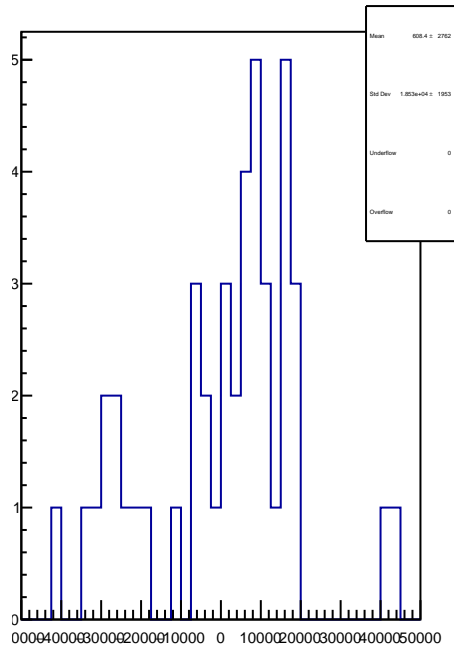
1D pull distribution



slug23: asym\_sam1.mean/ppb-reg\_asym\_sam1.mean/ppb

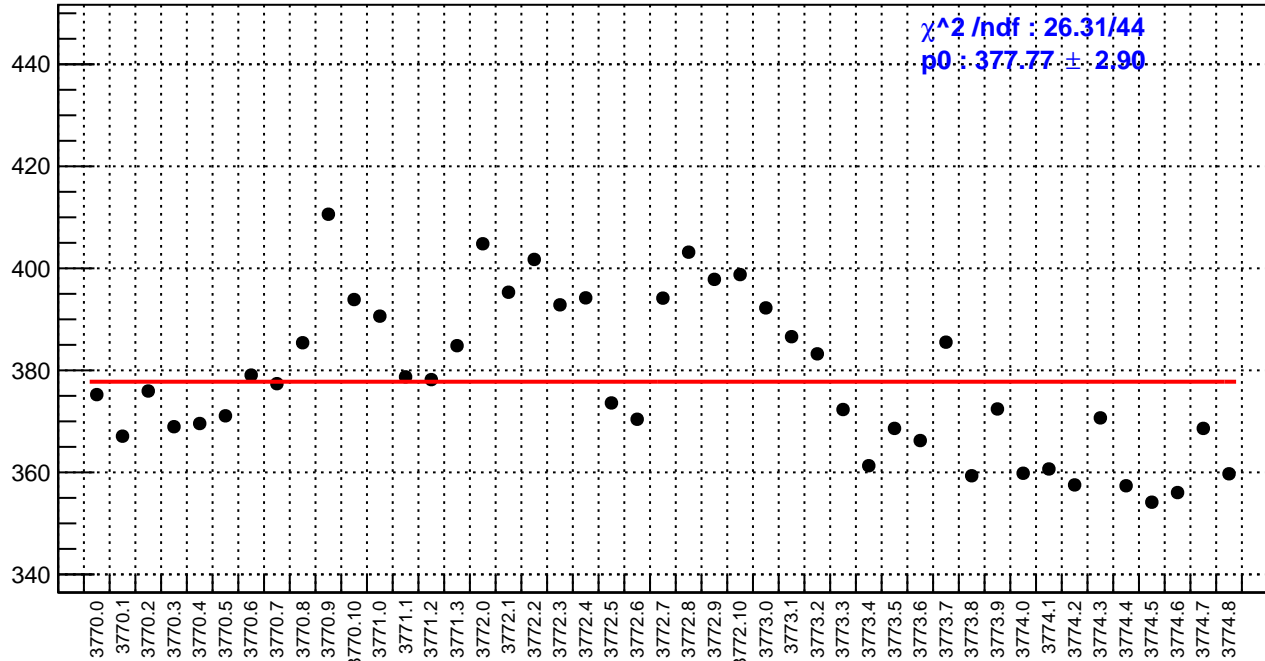


slug23: 1D Corr asym\_sam1.mean/ppb-reg\_asym\_sam1.mean/ppb

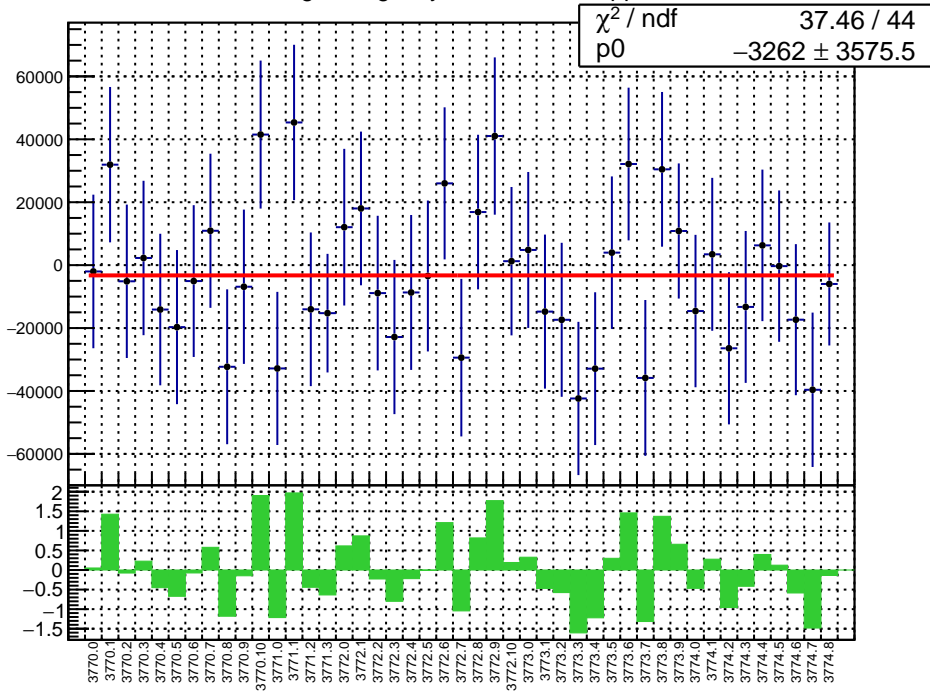




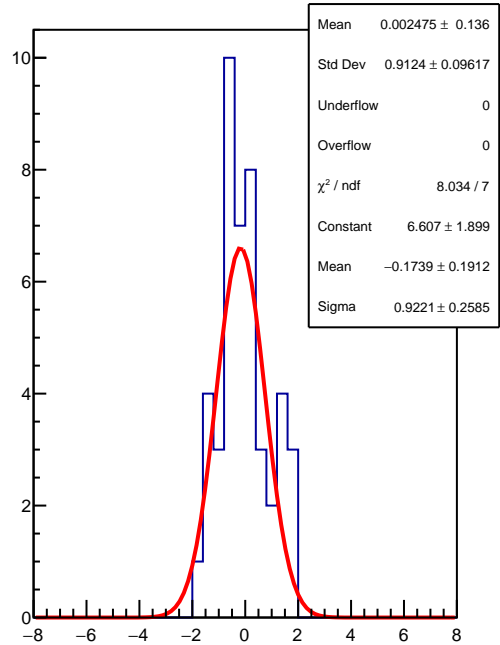
## slug23: reg\_asym\_sam1.rms/ppm



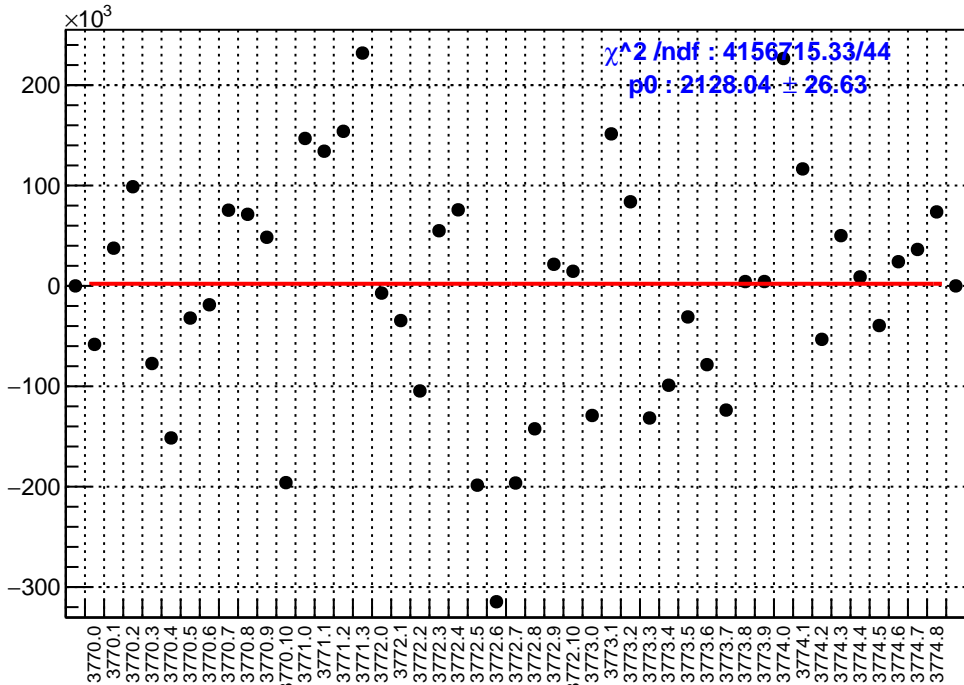
slug23: reg\_asym\_sam2.mean/ppb



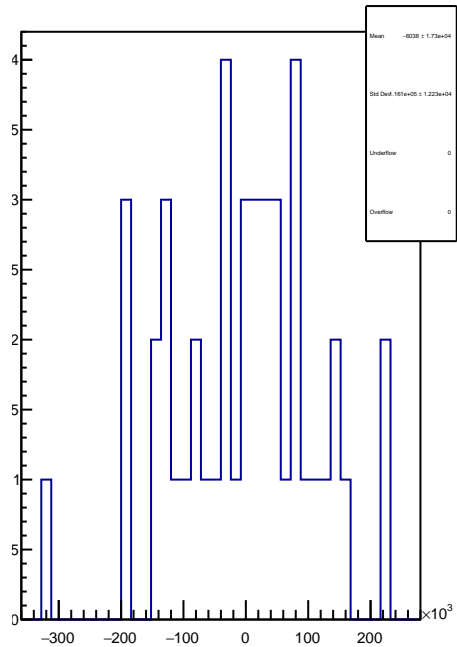
1D pull distribution



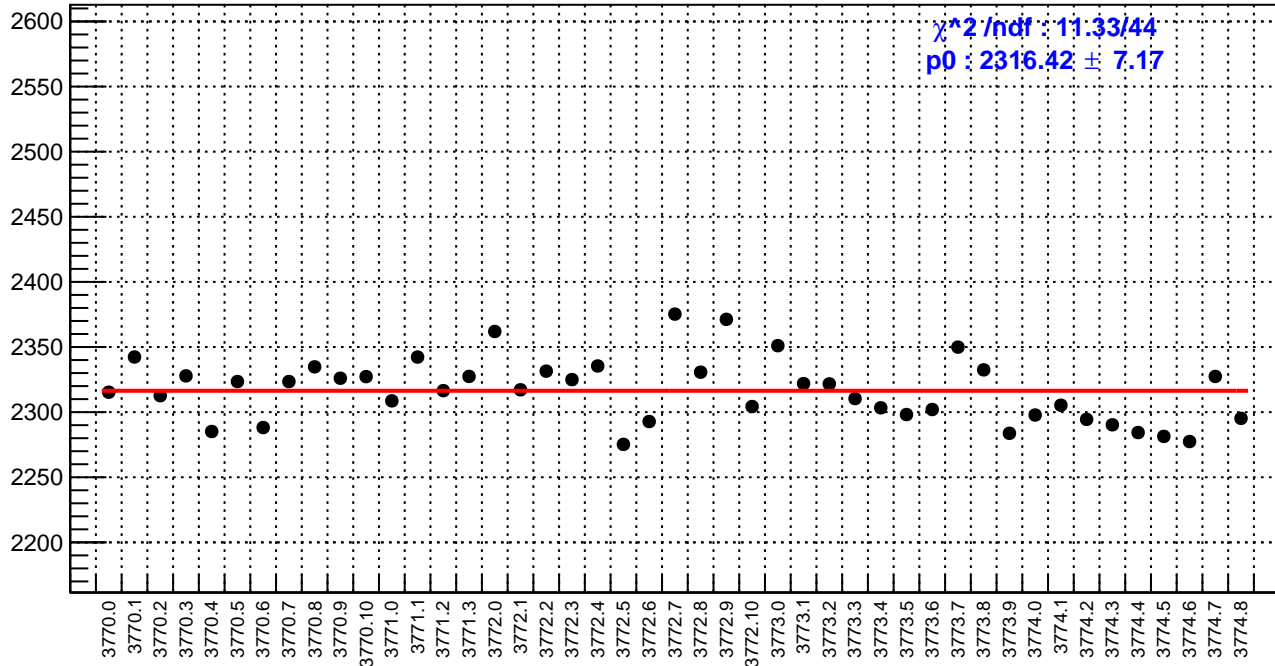
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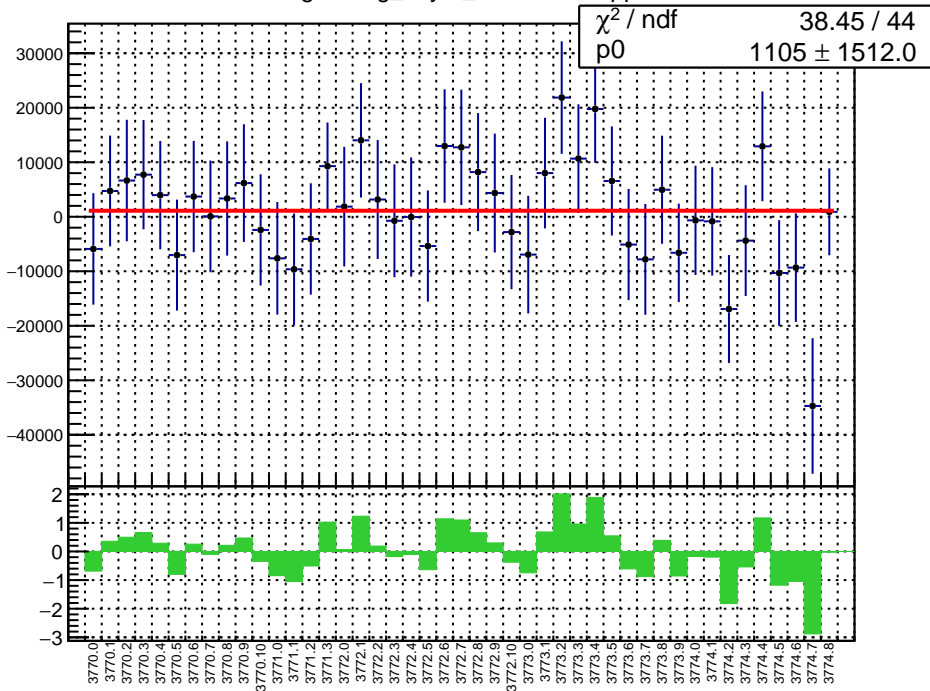
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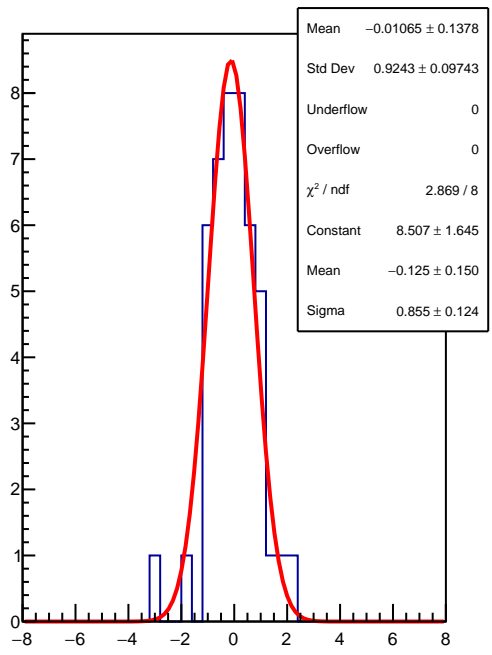
## slug23: reg\_asym\_sam2.rms/ppm



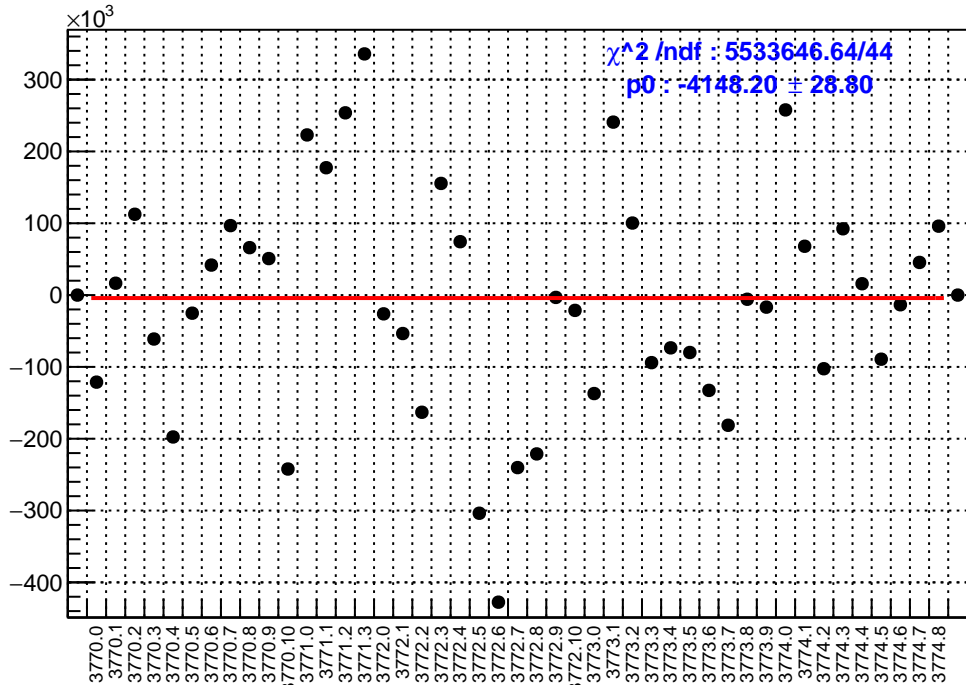
slug23: reg\_asym\_sam3.mean/ppb



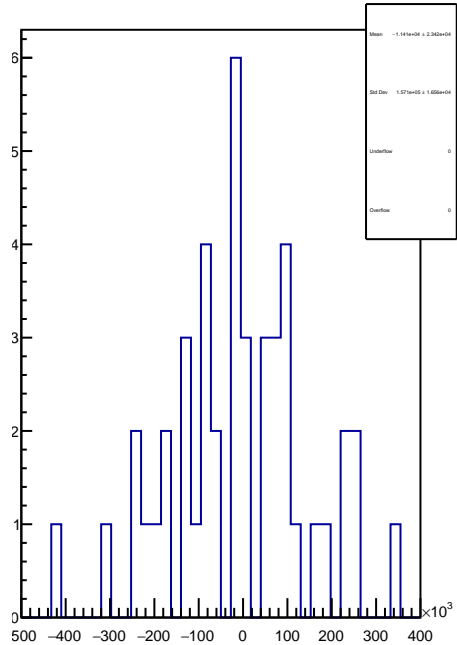
1D pull distribution



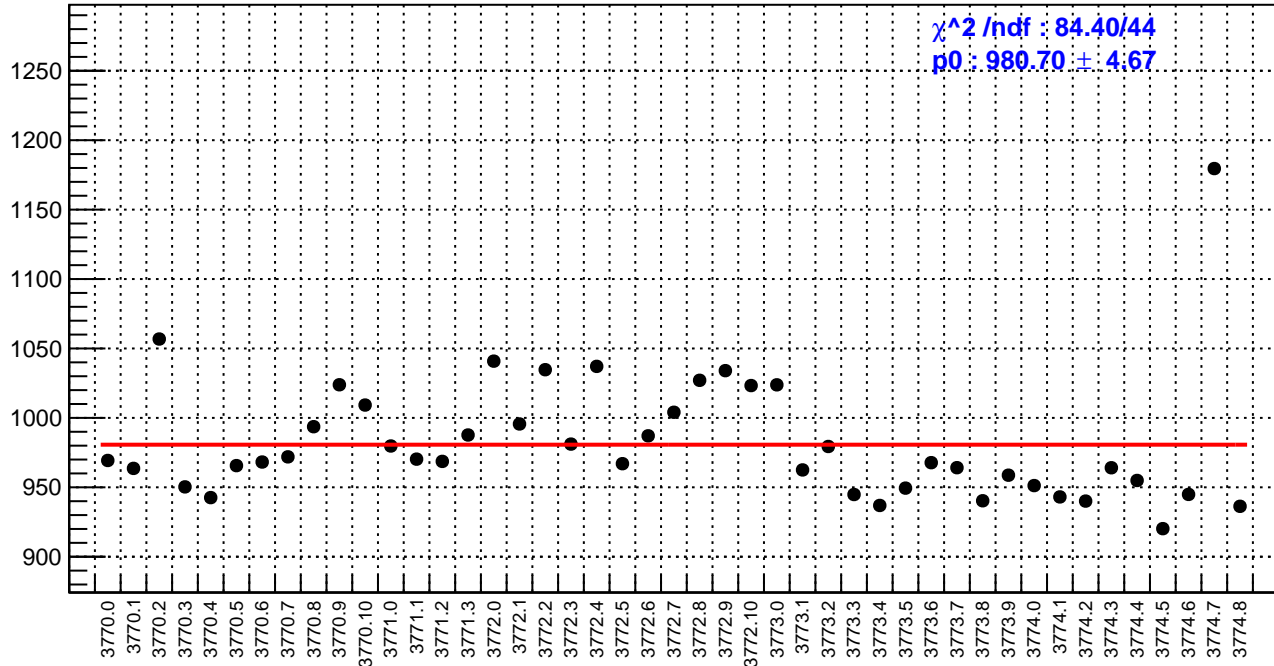
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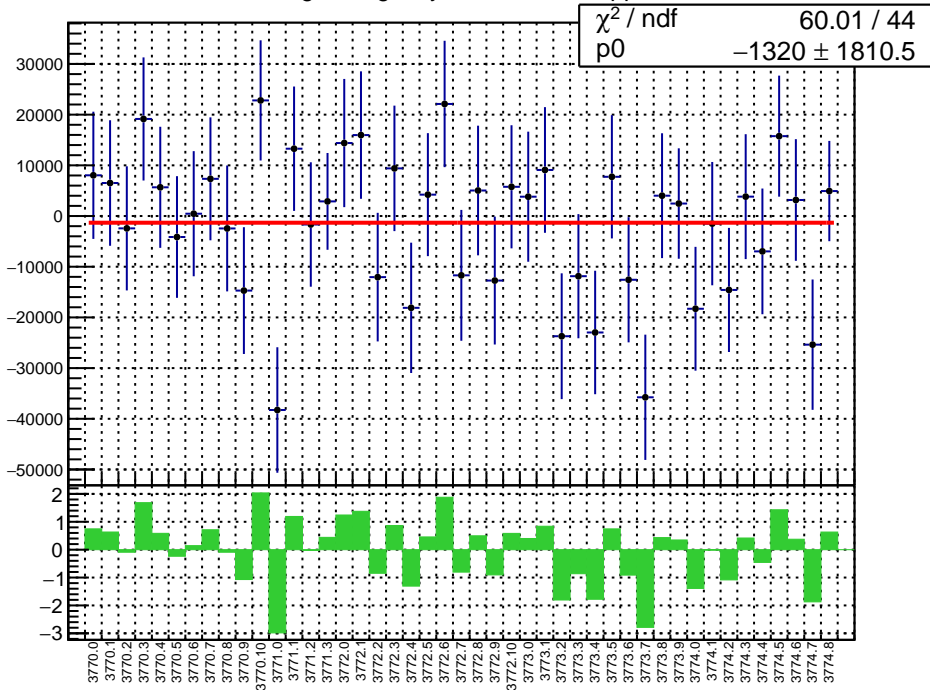
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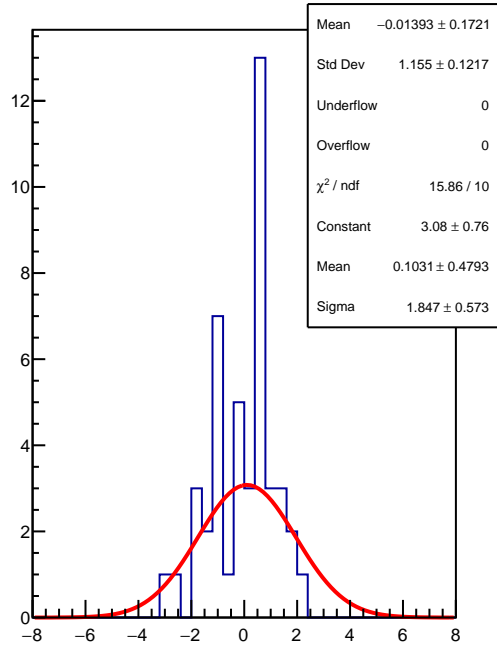
## slug23: reg\_asym\_sam3.rms/ppm



slug23: reg\_asym\_sam4.mean/ppb

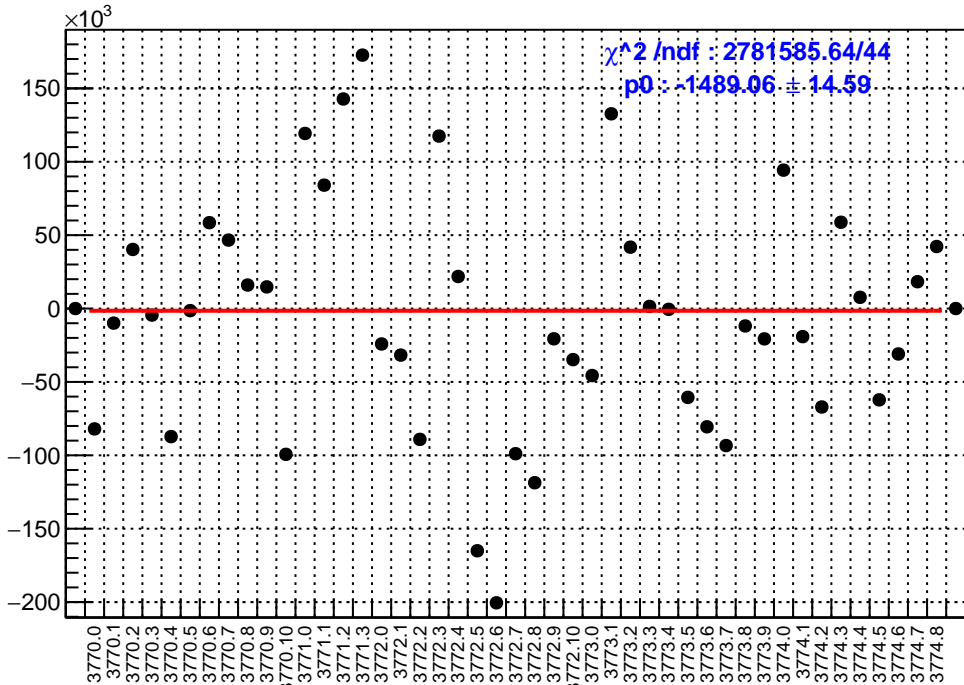


1D pull distribution

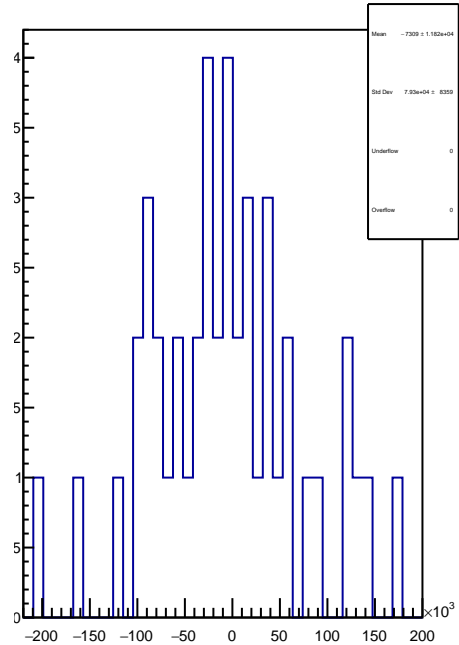




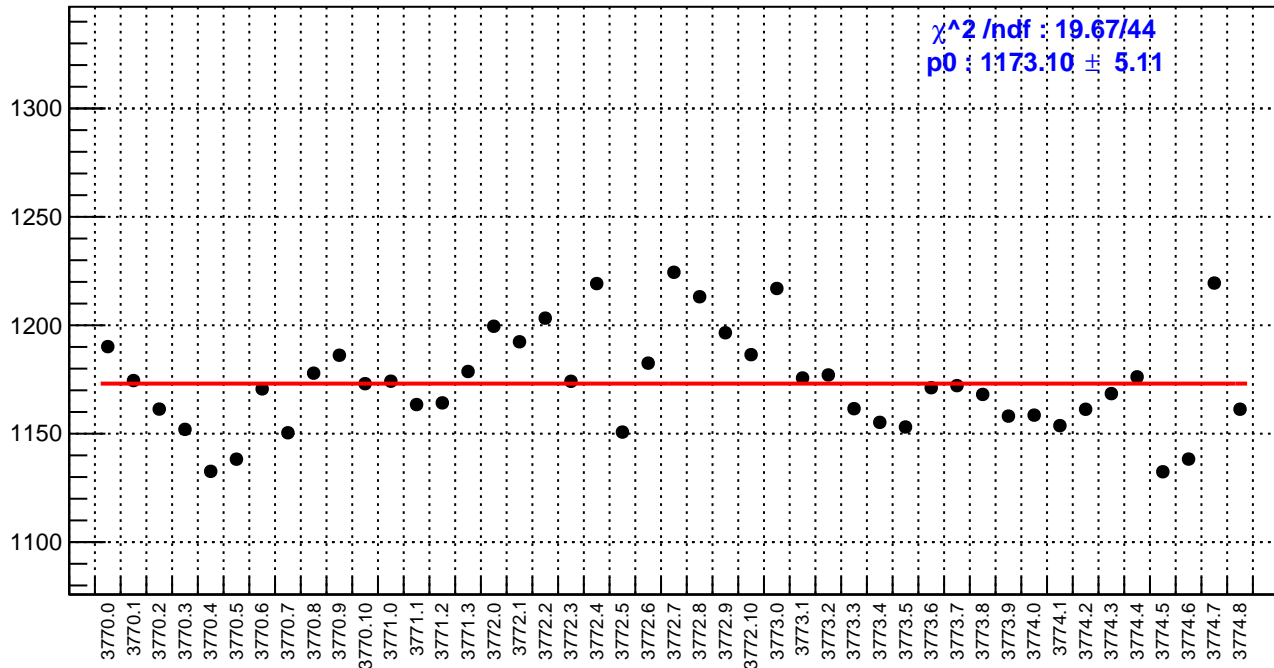
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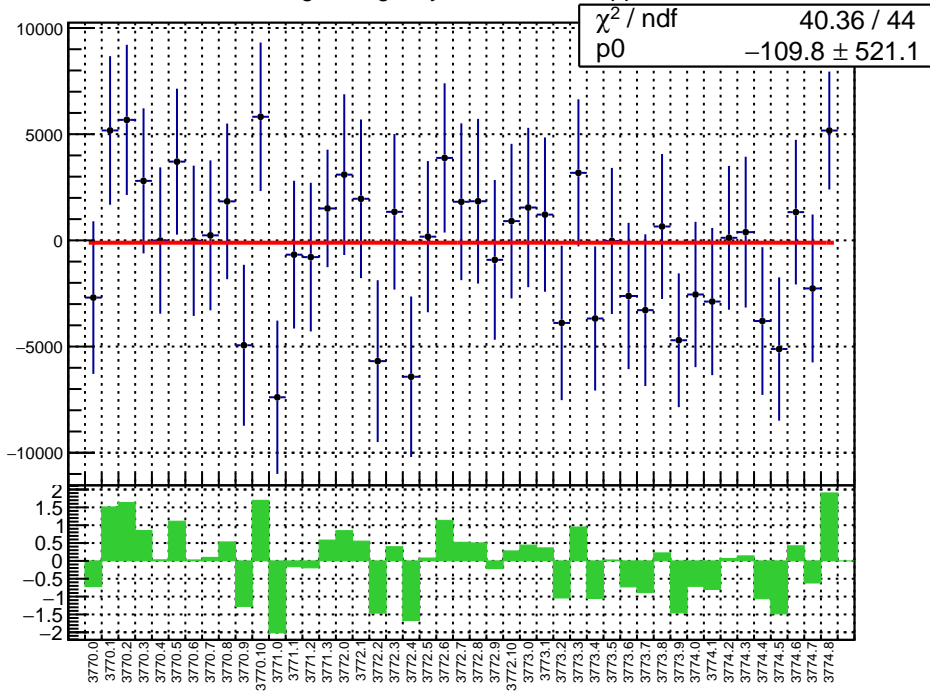
slug23: 1D Corr asym\_sam4.mean/ppb-reg\_asym\_sam4.mean/ppb



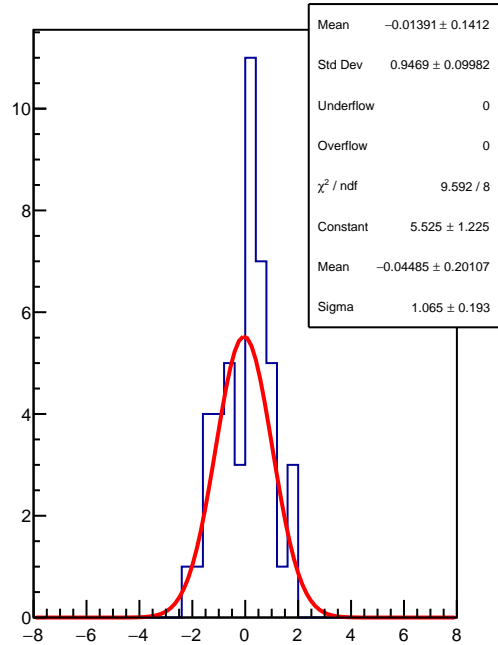
## slug23: reg\_asym\_sam4.rms/ppm



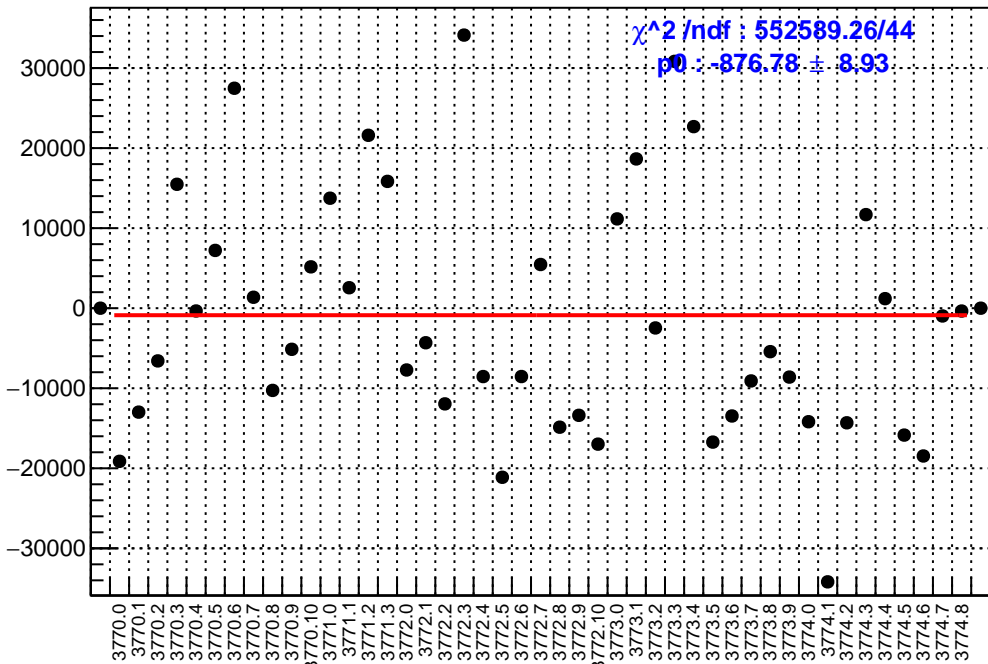
slug23: reg\_asym\_sam5.mean/ppb



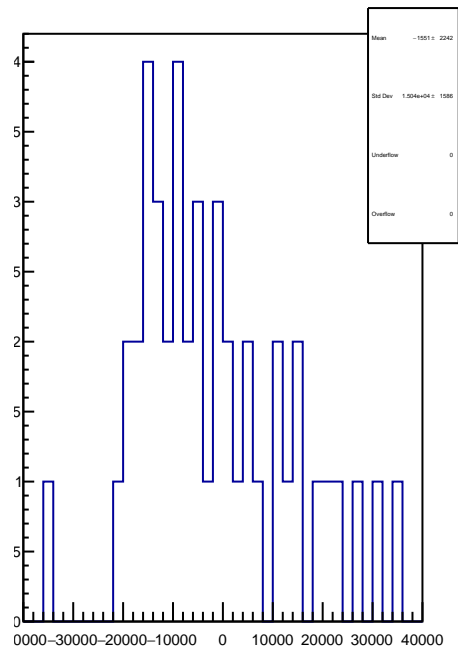
1D pull distribution



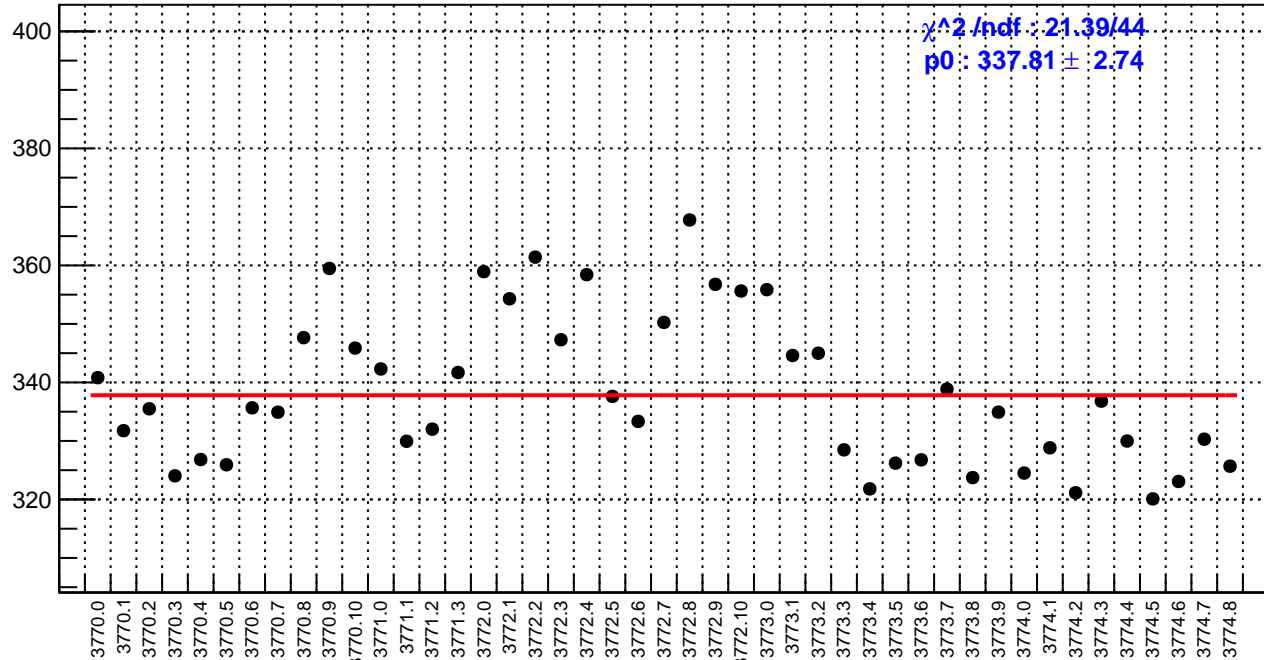
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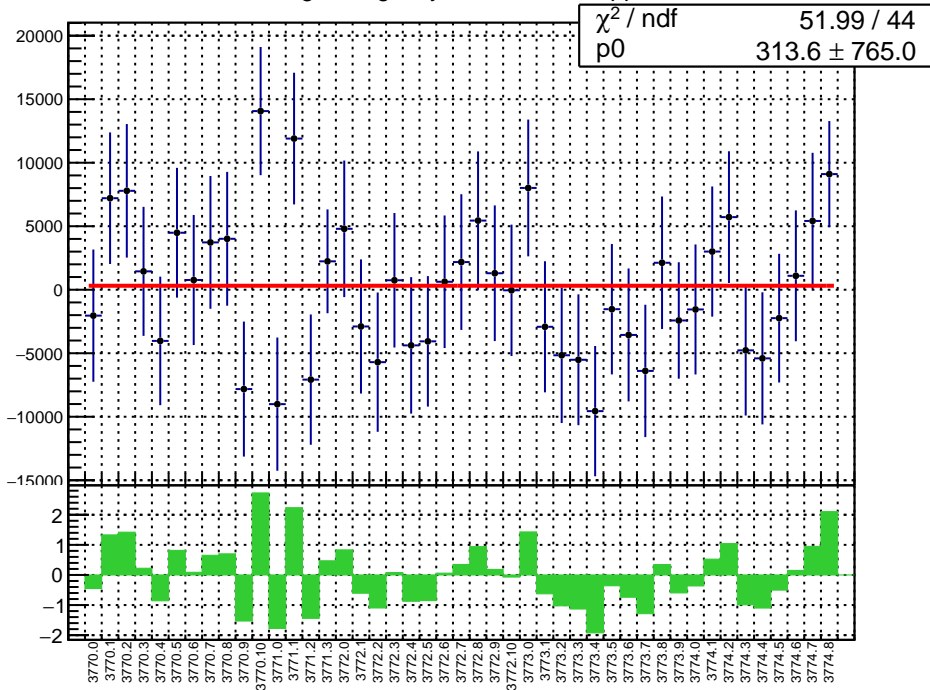
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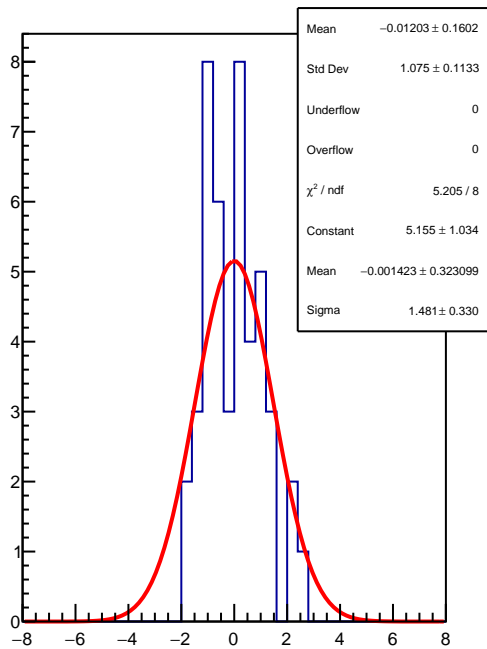
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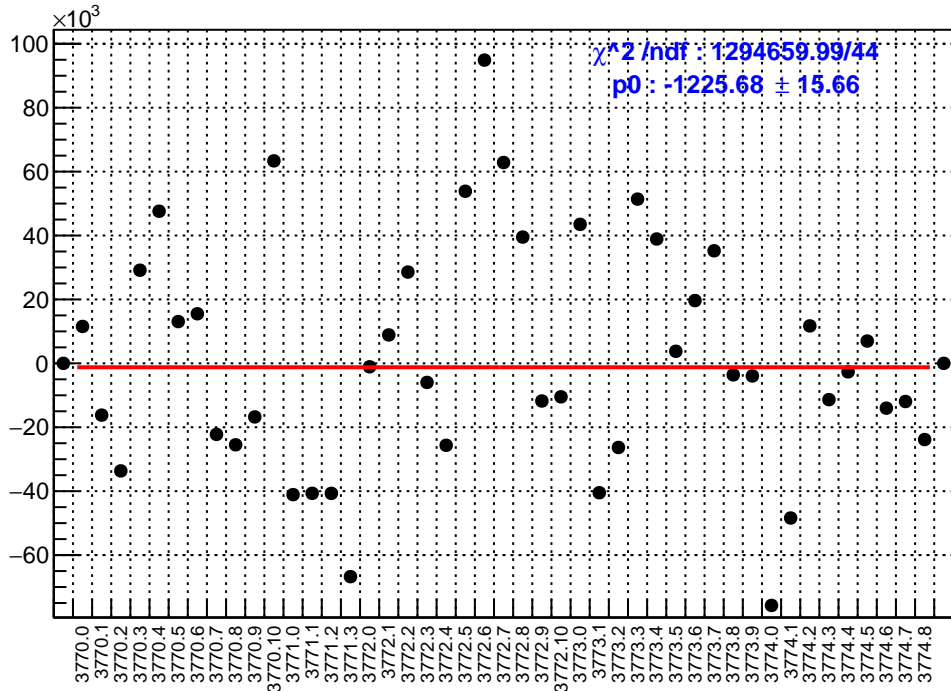
slug23: reg\_asym\_sam6.mean/ppb



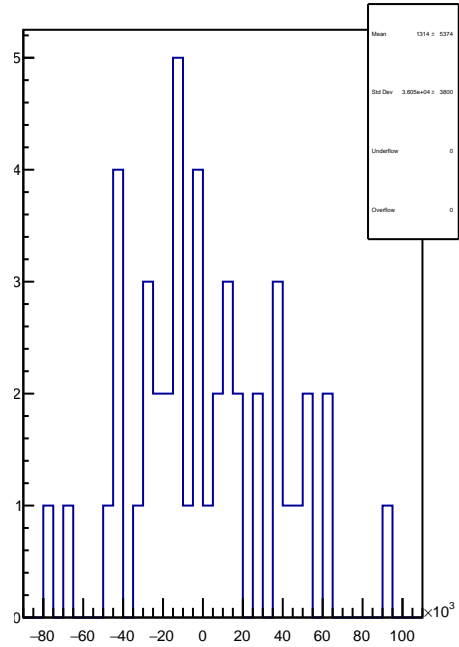
1D pull distribution



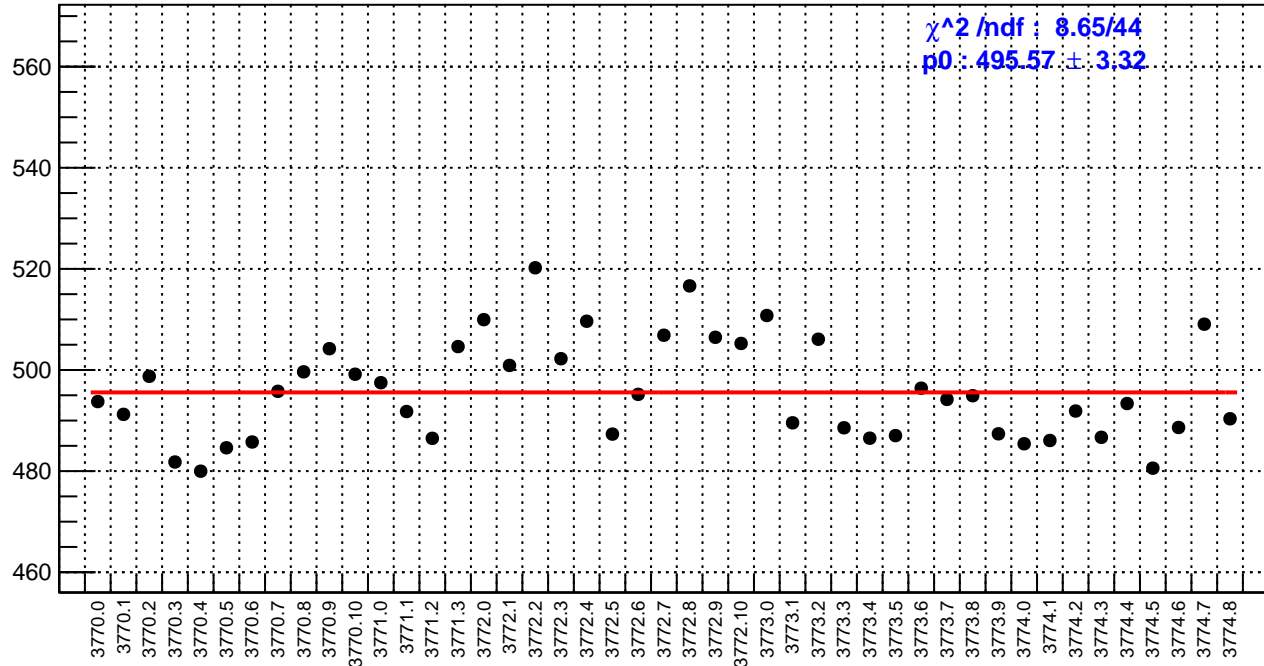
slug23: asym\_sam6.mean/ppb-reg\_asym\_sam6.mean/ppb



slug23: 1D Corr asym\_sam6.mean/ppb-reg\_asym\_sam6.mean/ppb

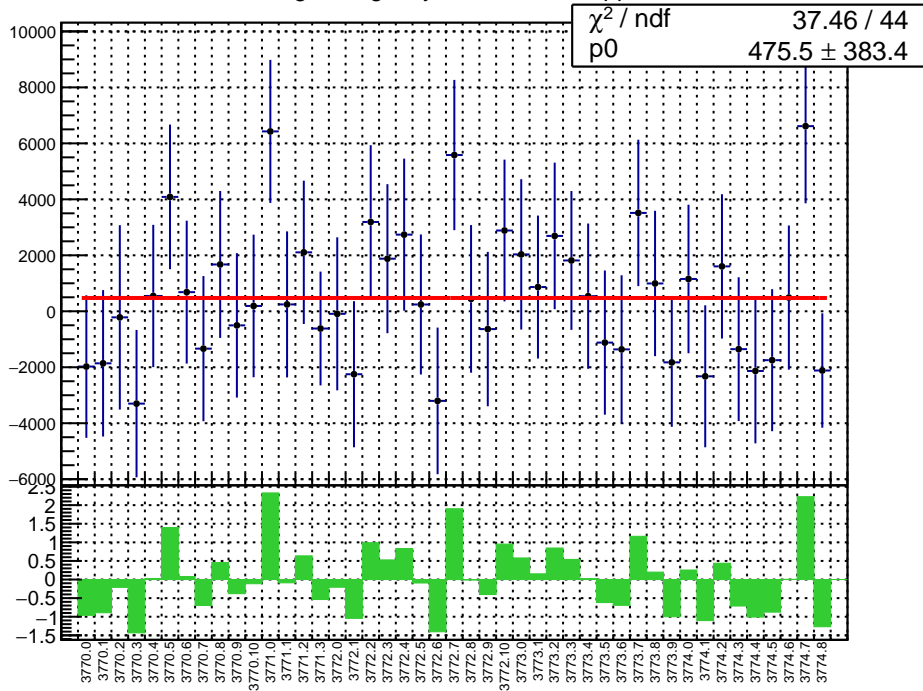


## slug23: reg\_asym\_sam6.rms/ppm

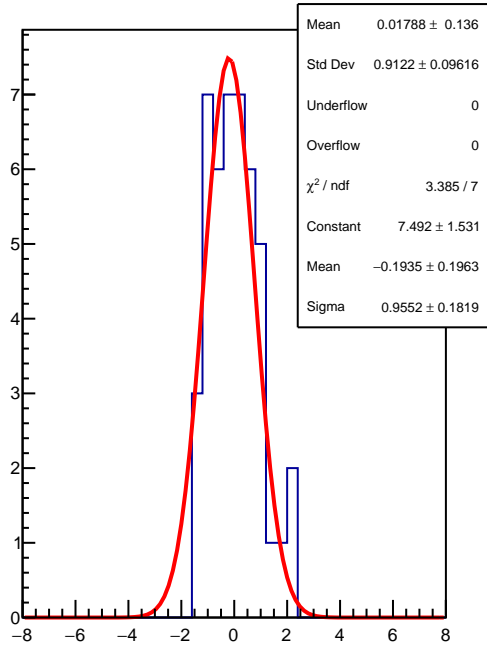




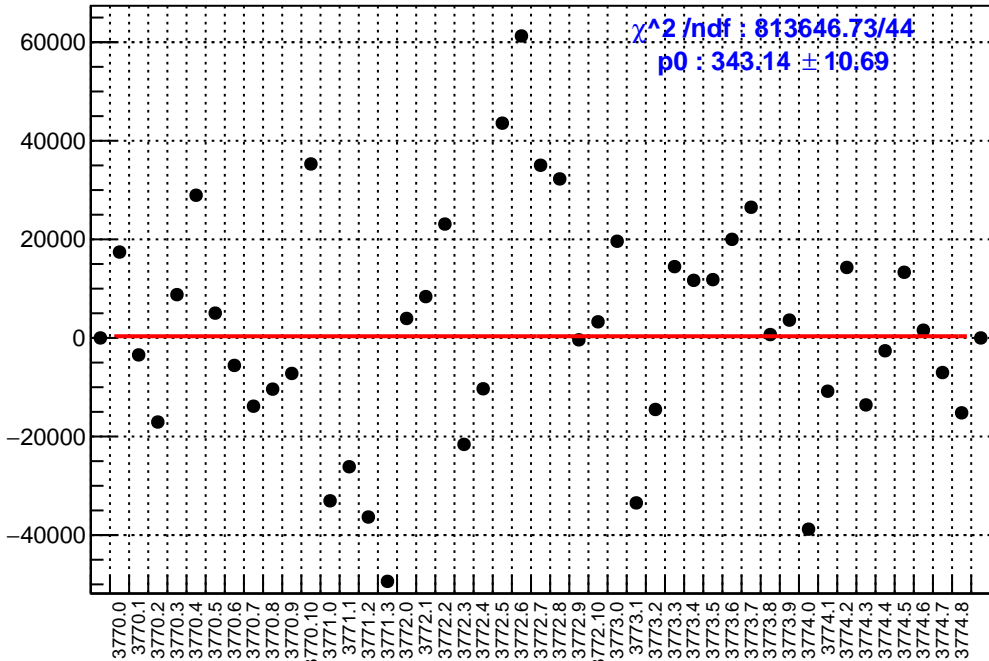
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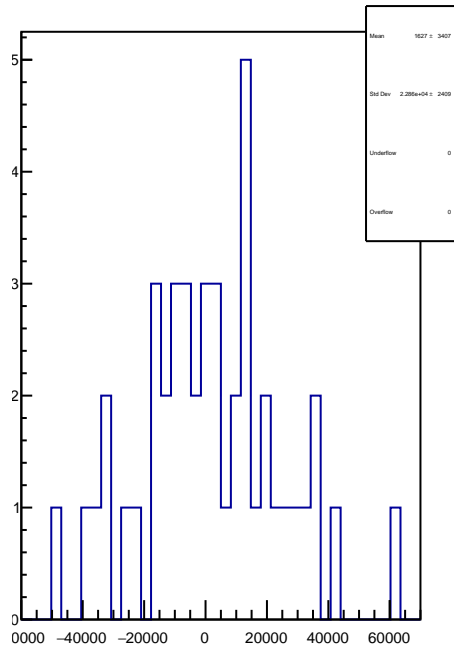
1D pull distribution



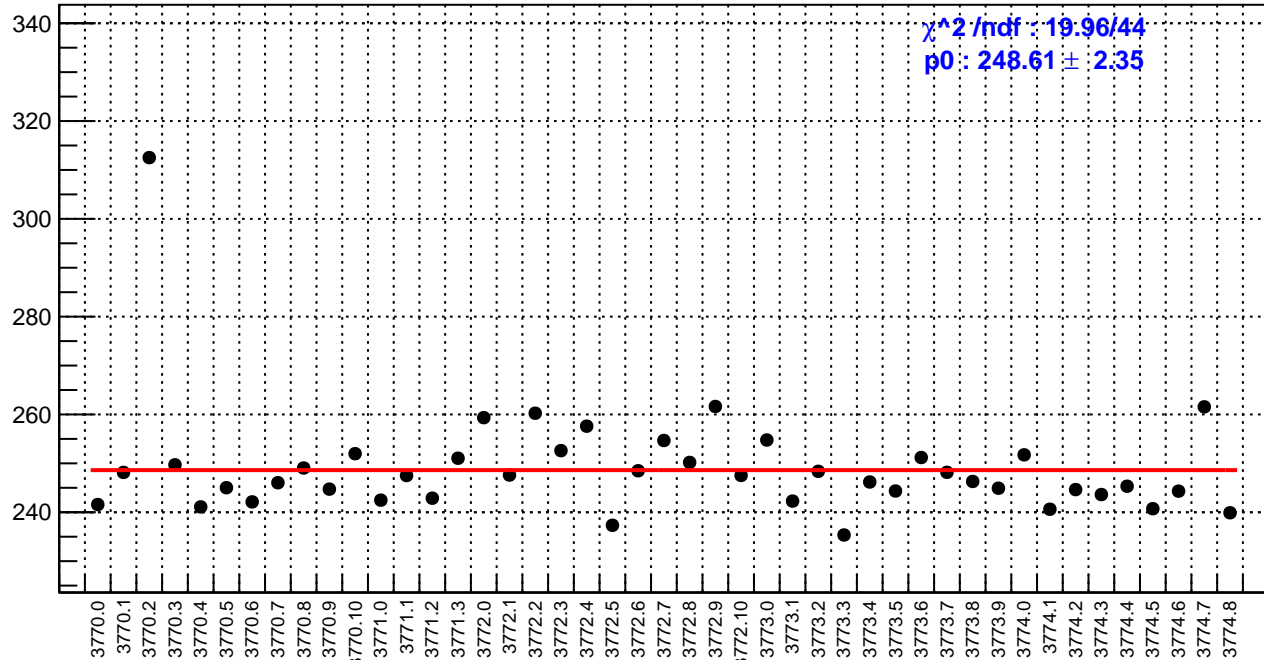
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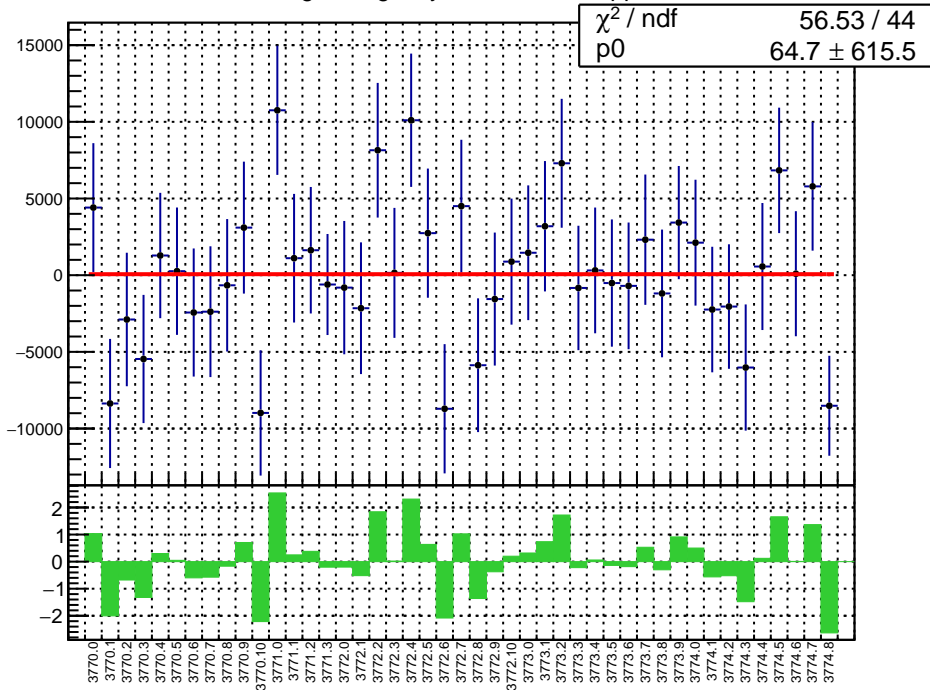
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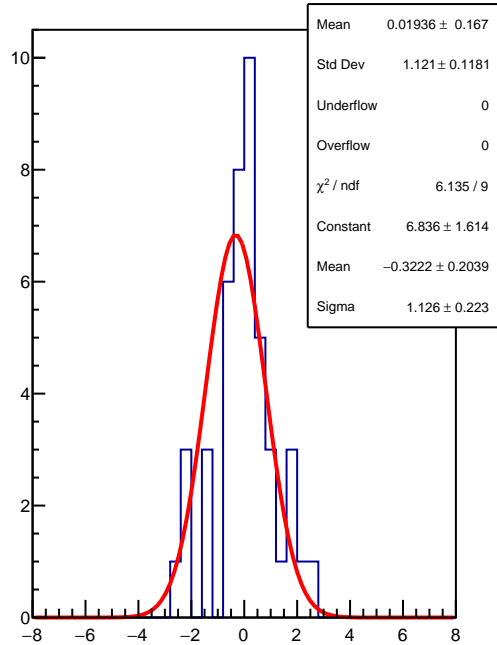
## slug23: reg\_asym\_sam7.rms/ppm



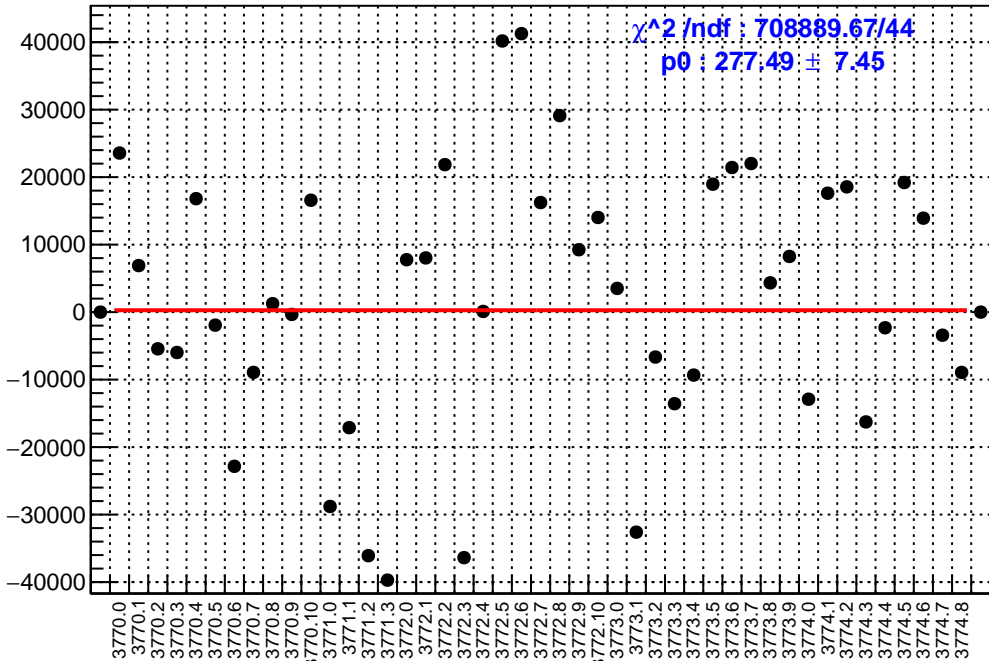
slug23: reg\_asym\_sam8.mean/ppb



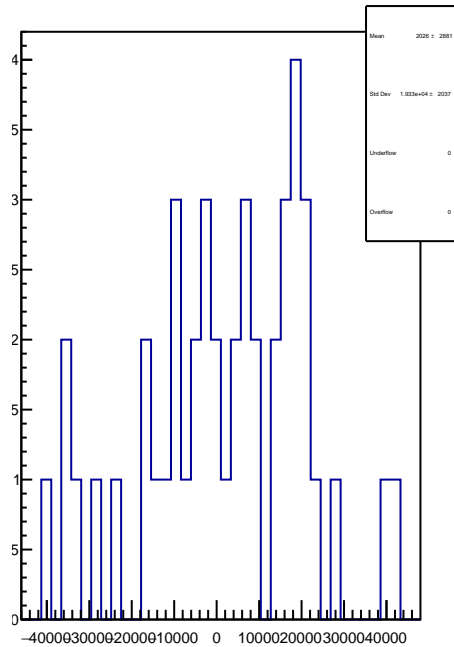
1D pull distribution



slug23: asym\_sam8.mean/ppb-reg\_asym\_sam8.mean/ppb



slug23: 1D Corr asym\_sam8.mean/ppb-reg\_asym\_sam8.mean/ppb



## slug23: reg\_asym\_sam8.rms/ppm

