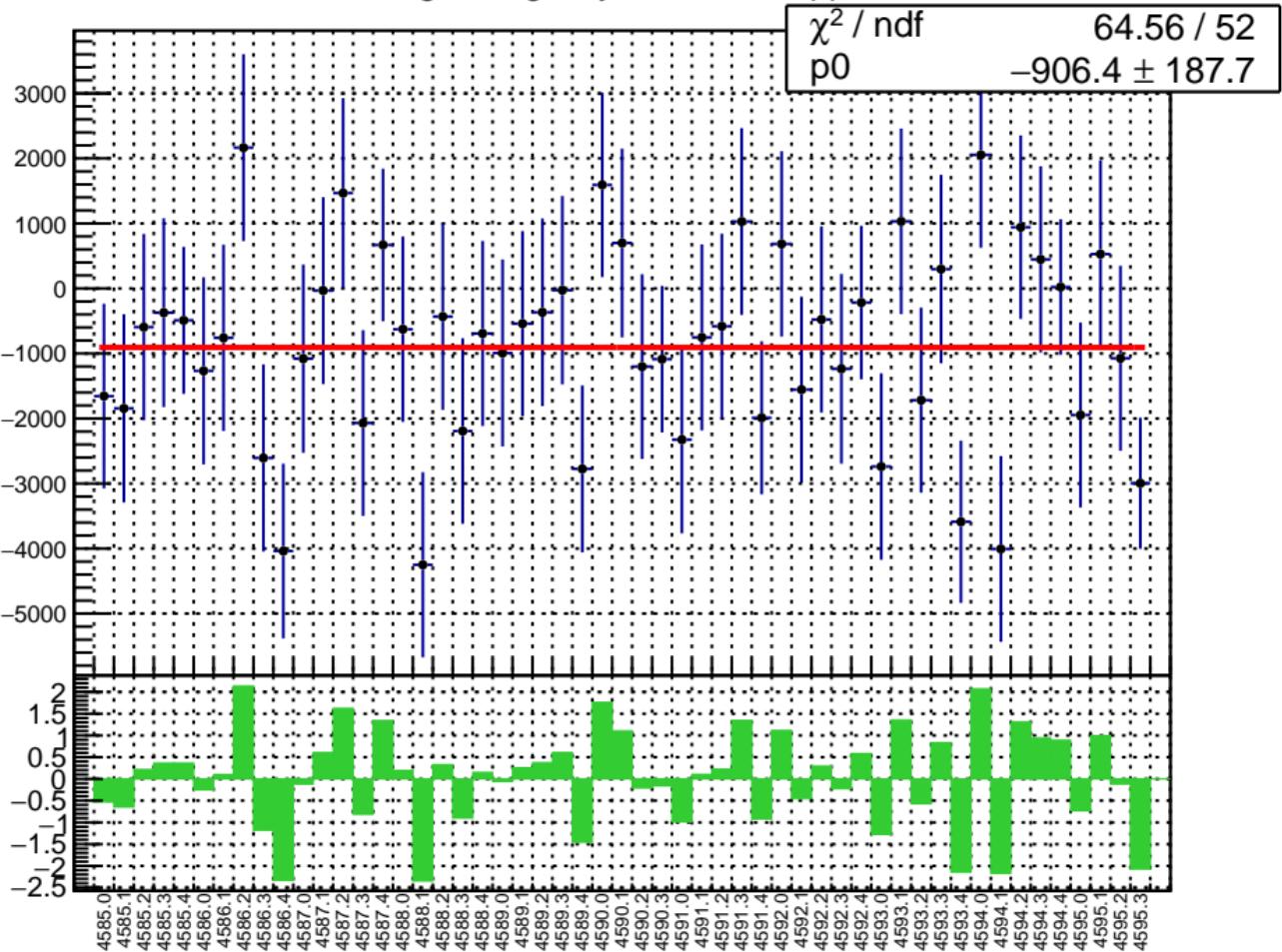
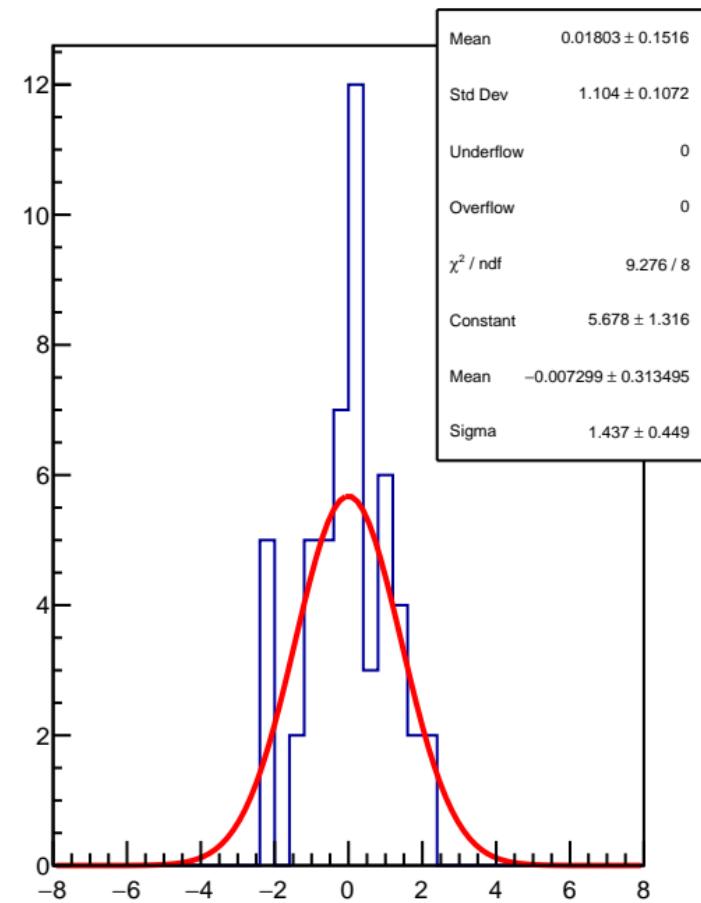


slug70: reg_asym_usl.mean/ppb

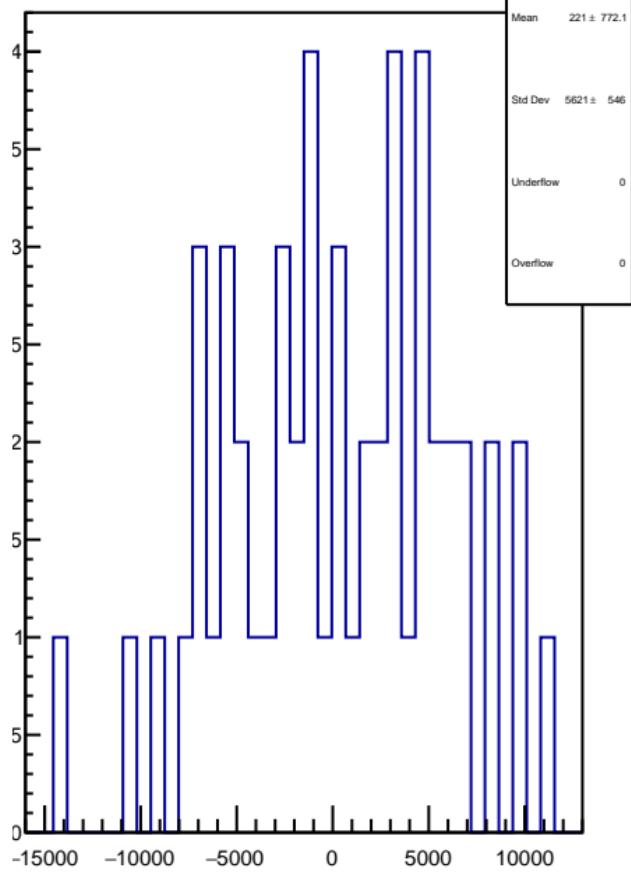
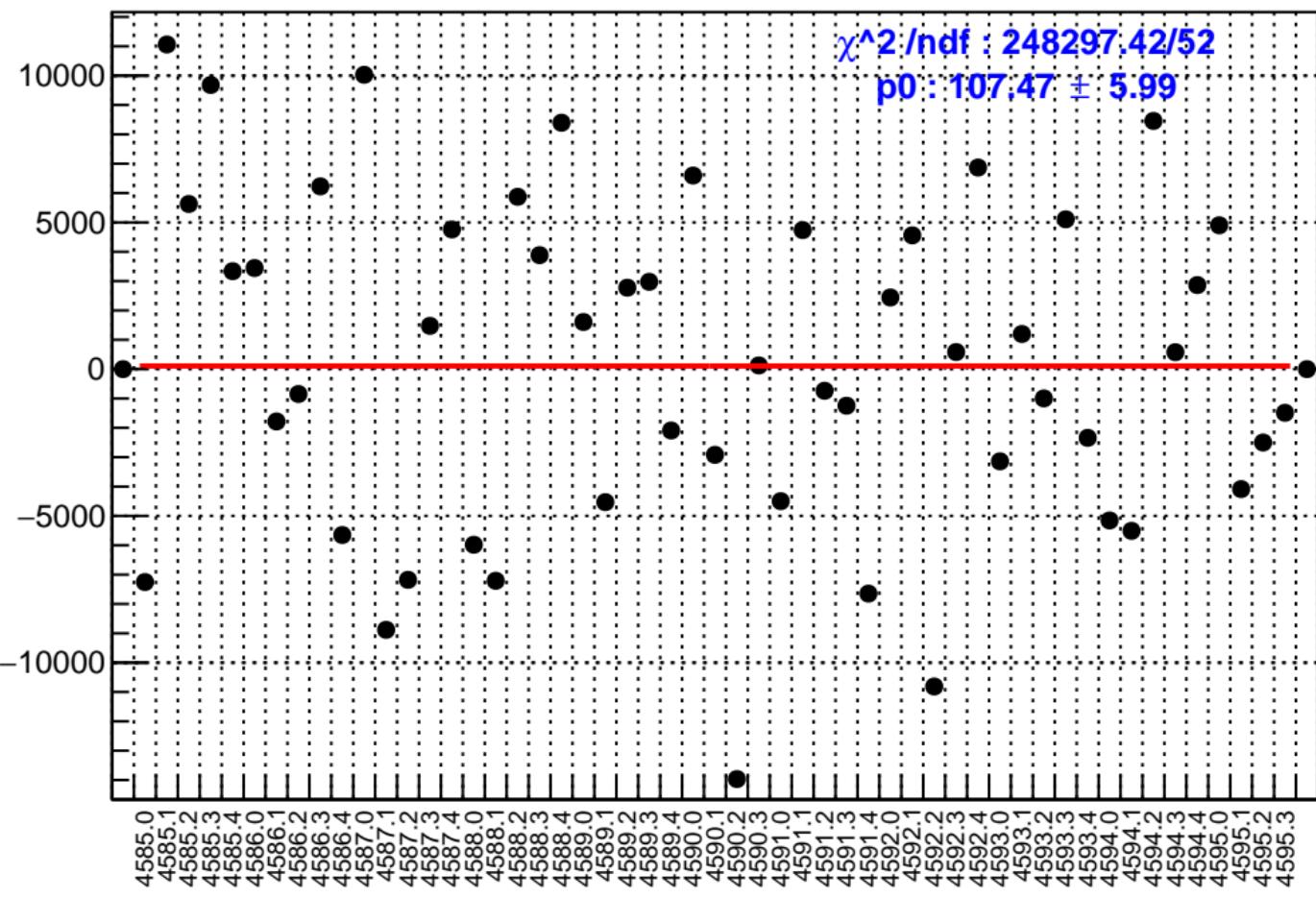


1D pull distribution

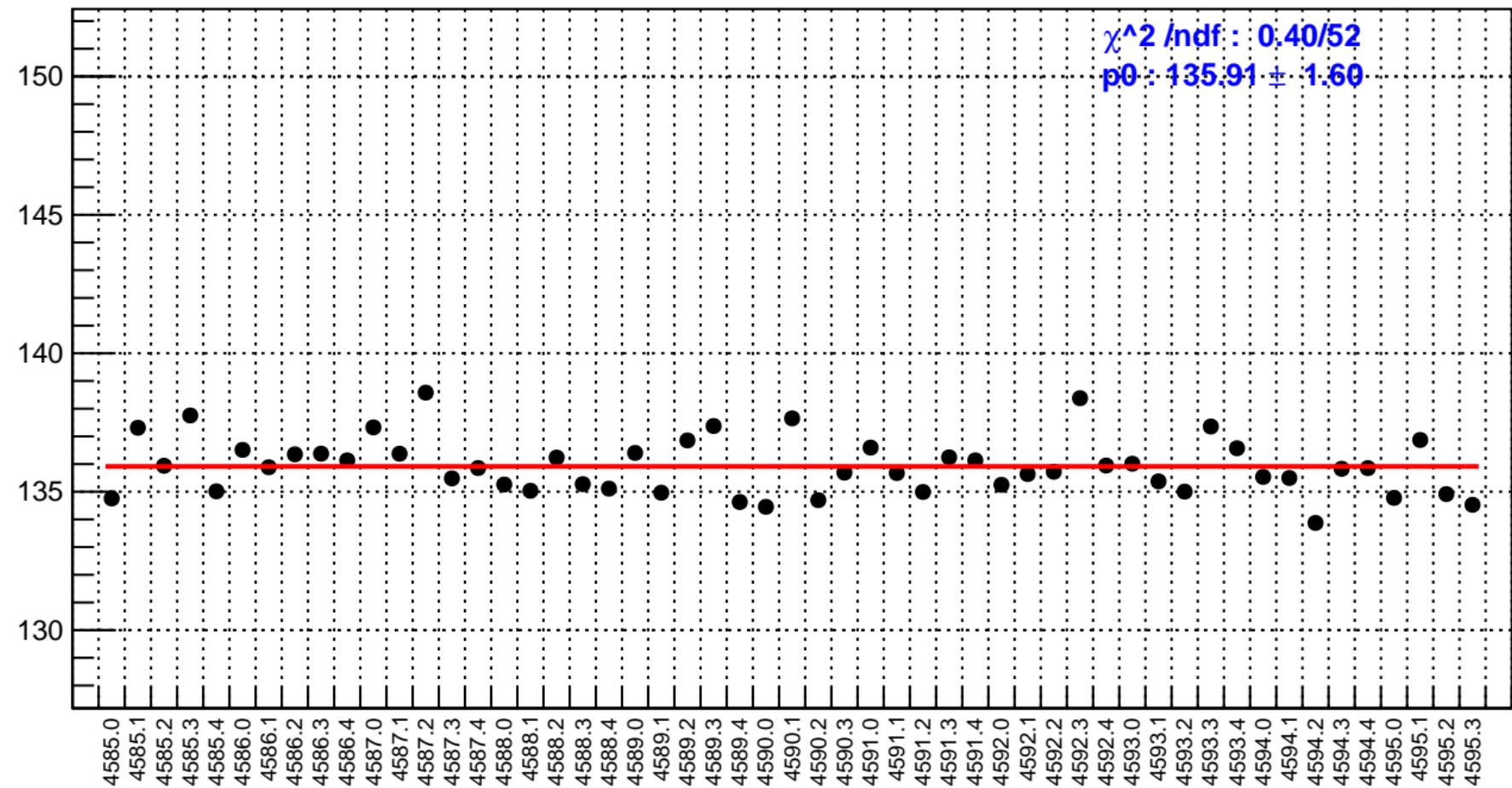


slug70: asym_usl.mean/ppb-reg_asym_usl.mean/ppb

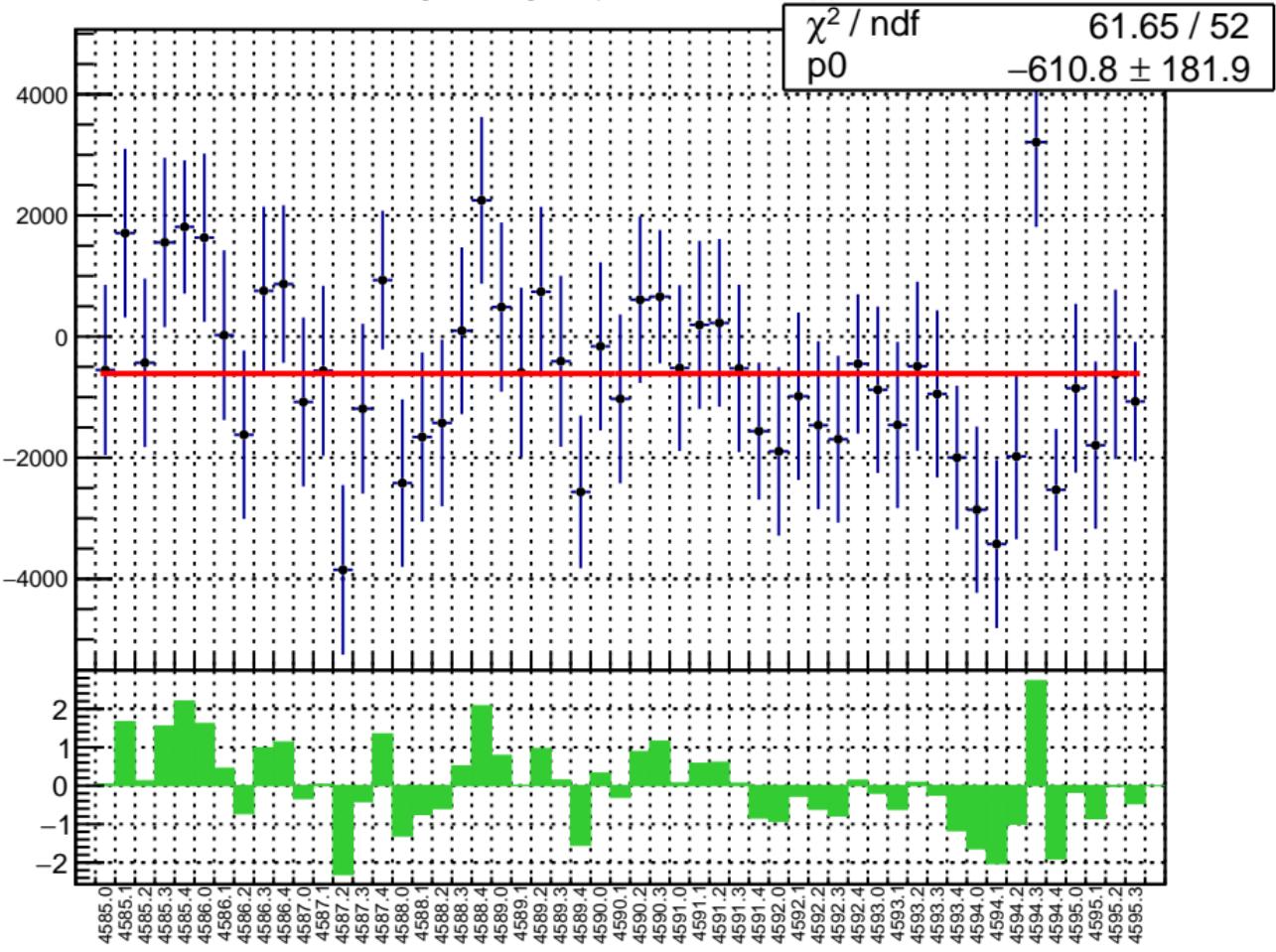
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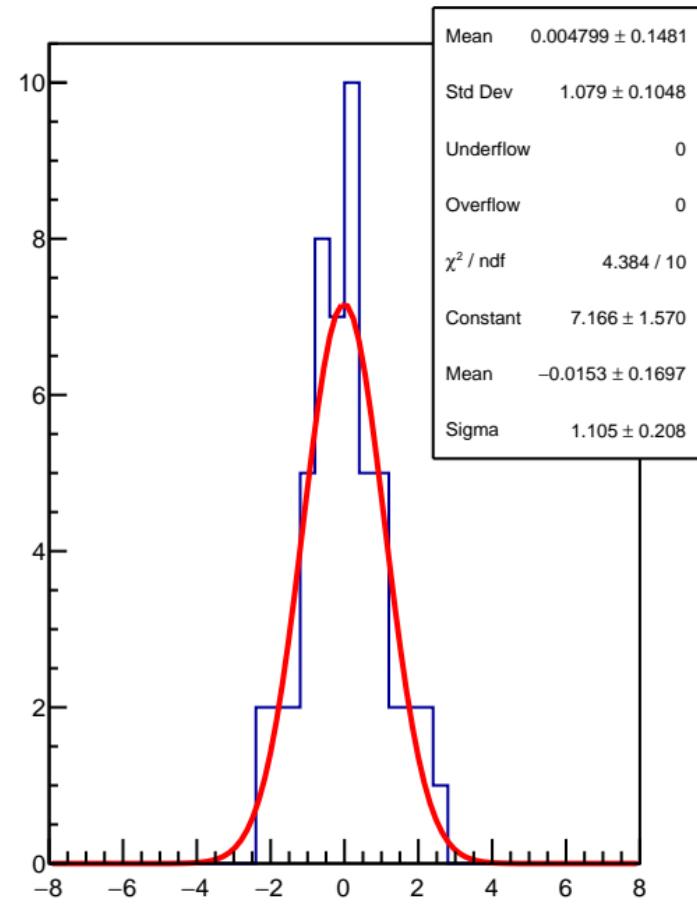
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slug70: reg_asym_usr.mean/ppb

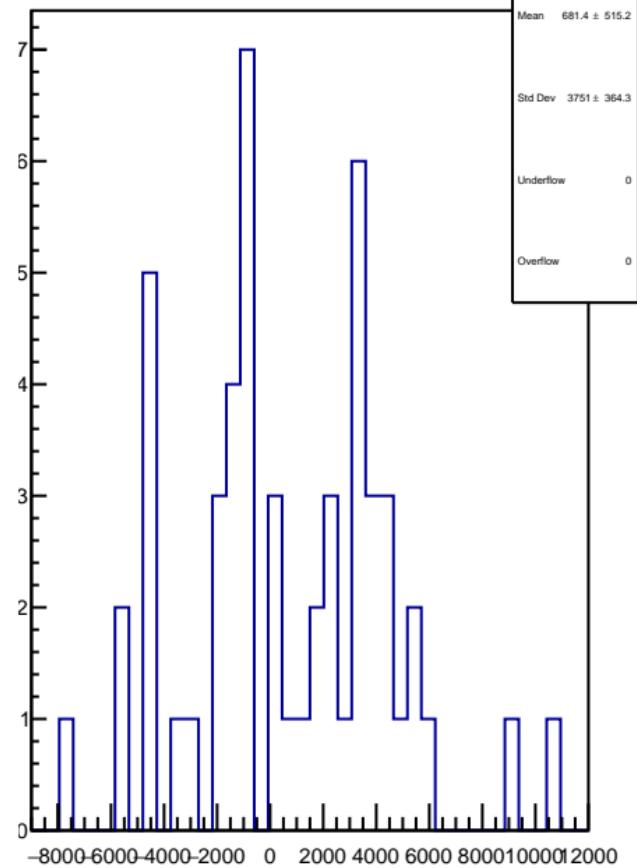
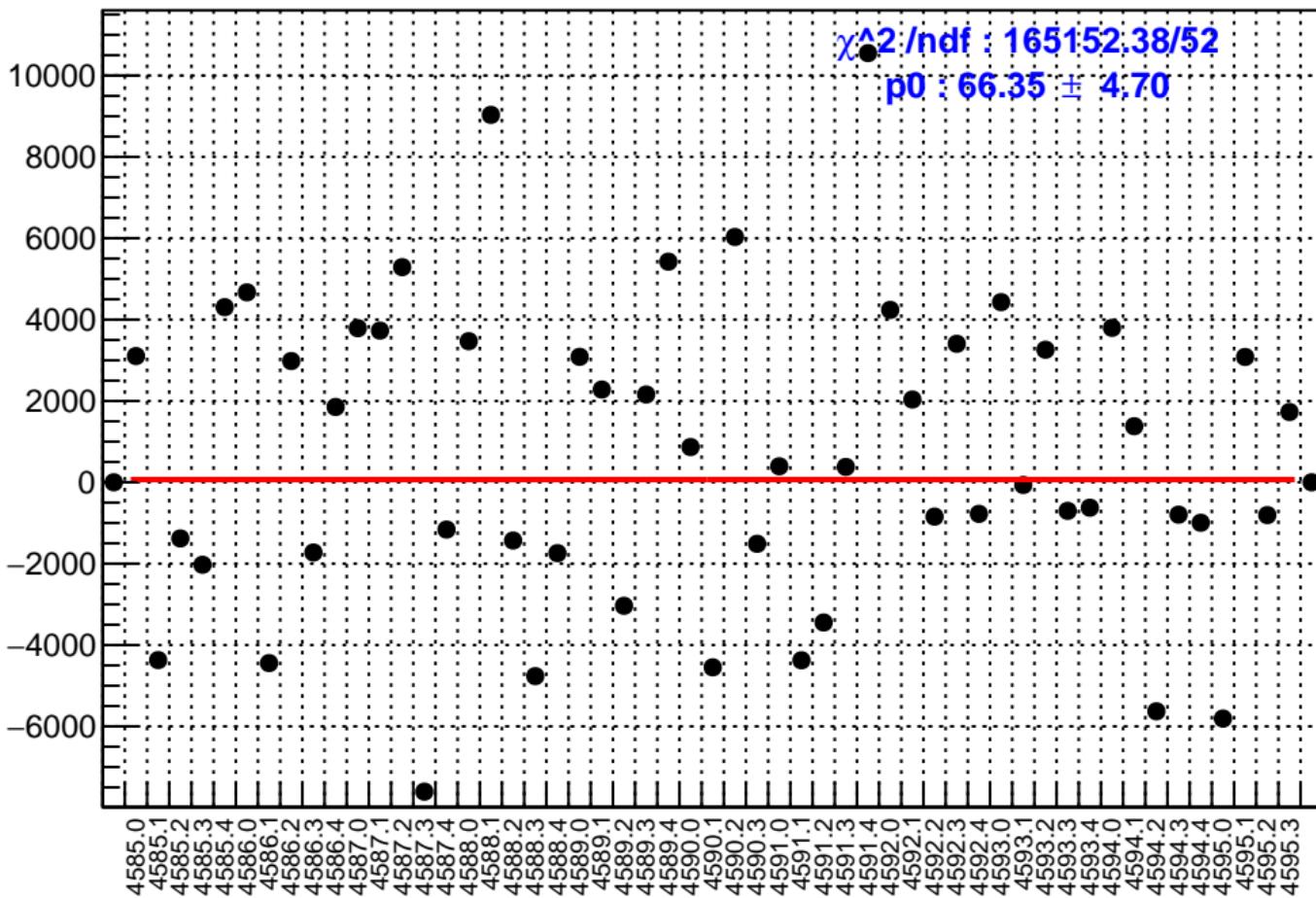


1D pull distribution

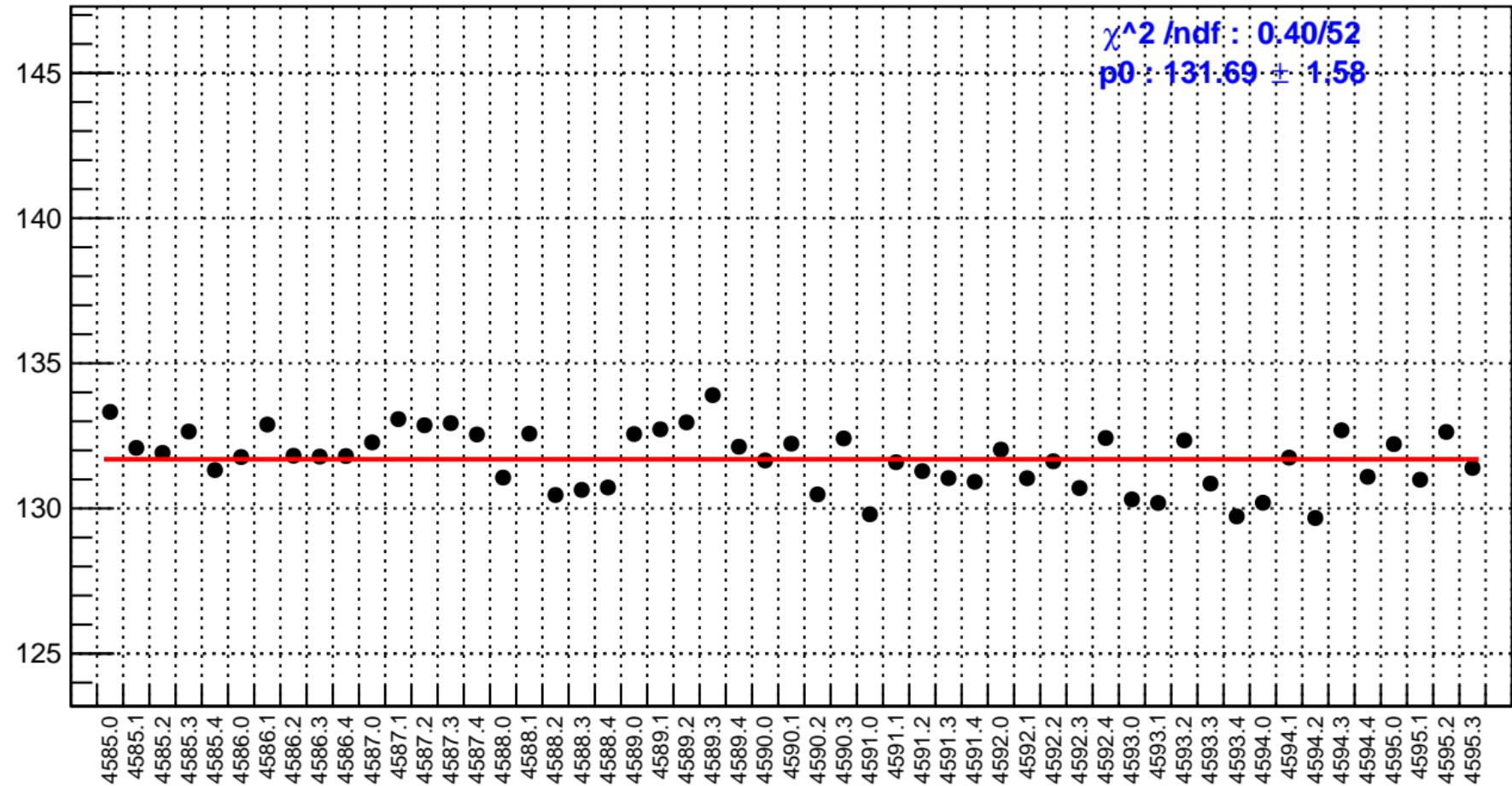


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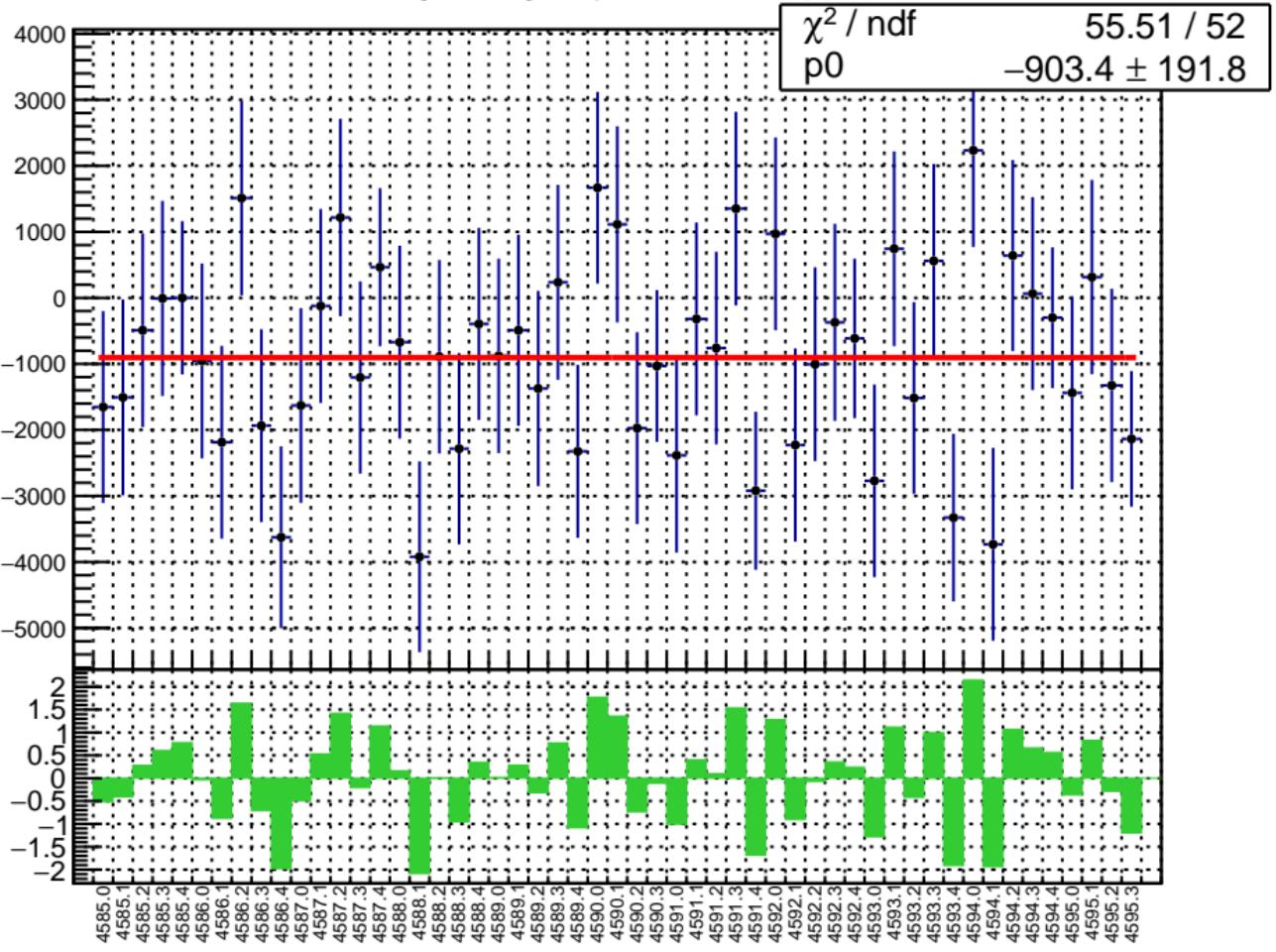
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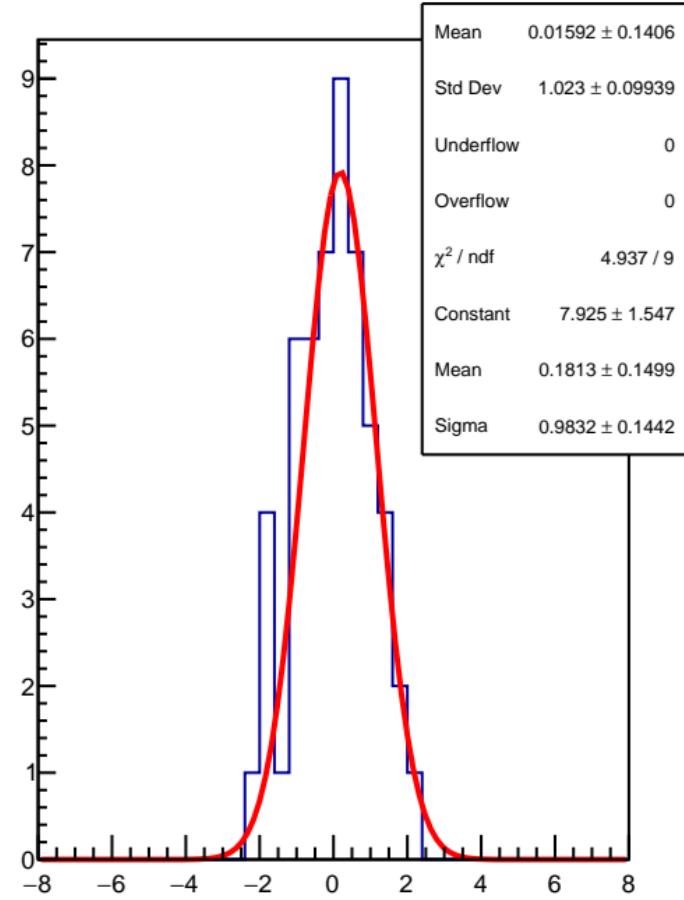
slug70: reg_asym_usr.rms/ppm



slug70: reg_asym_dsl.mean/ppb

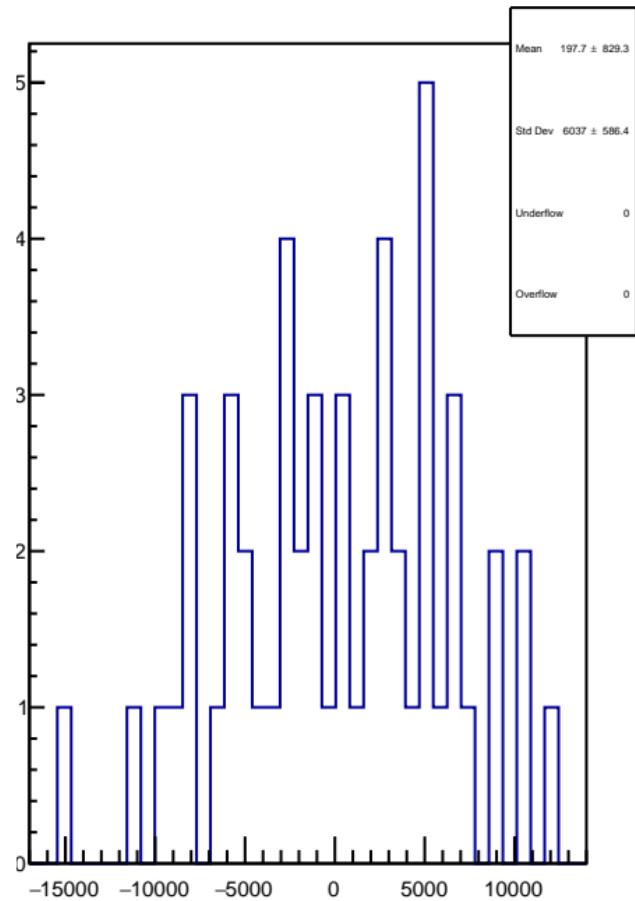
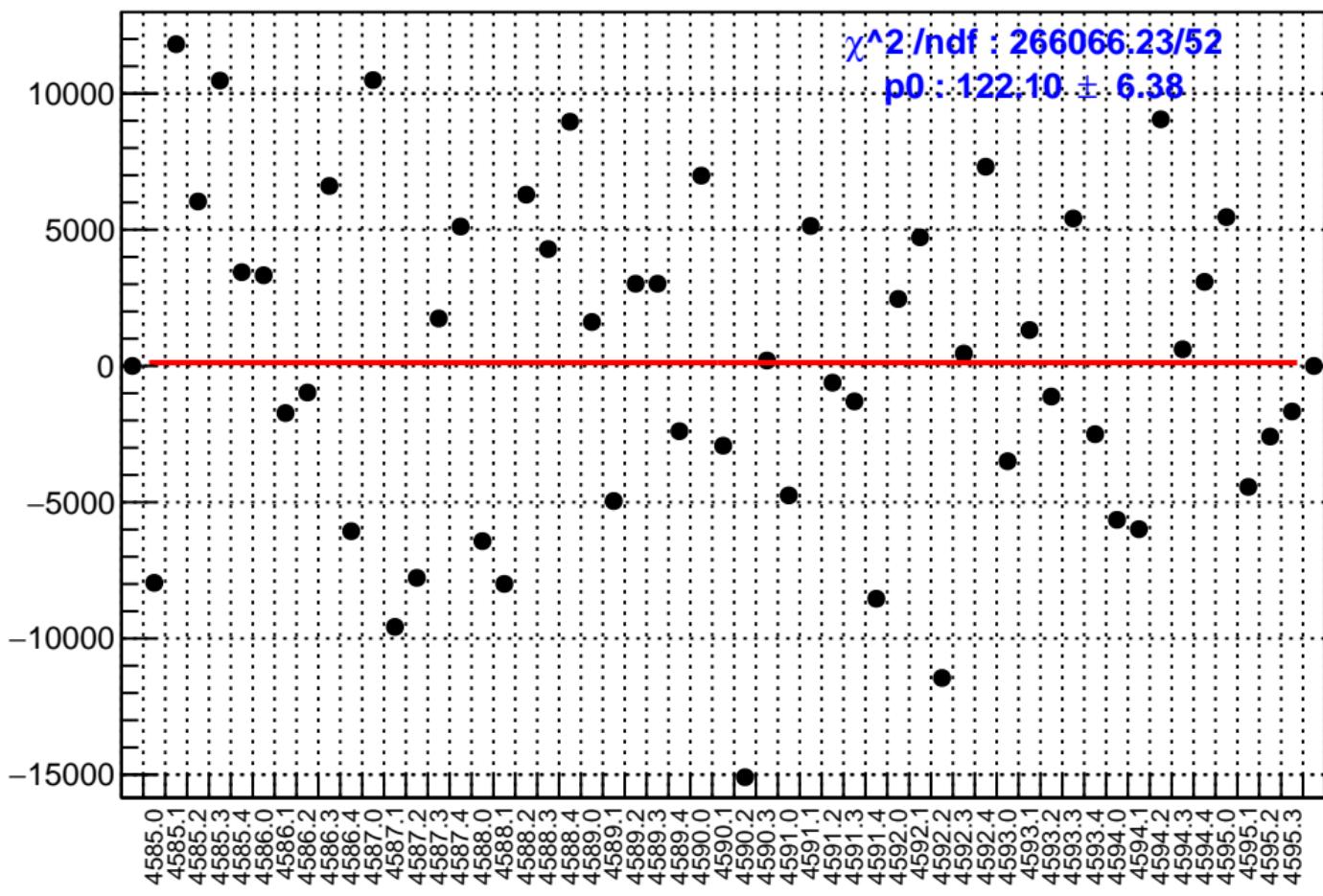


1D pull distribution

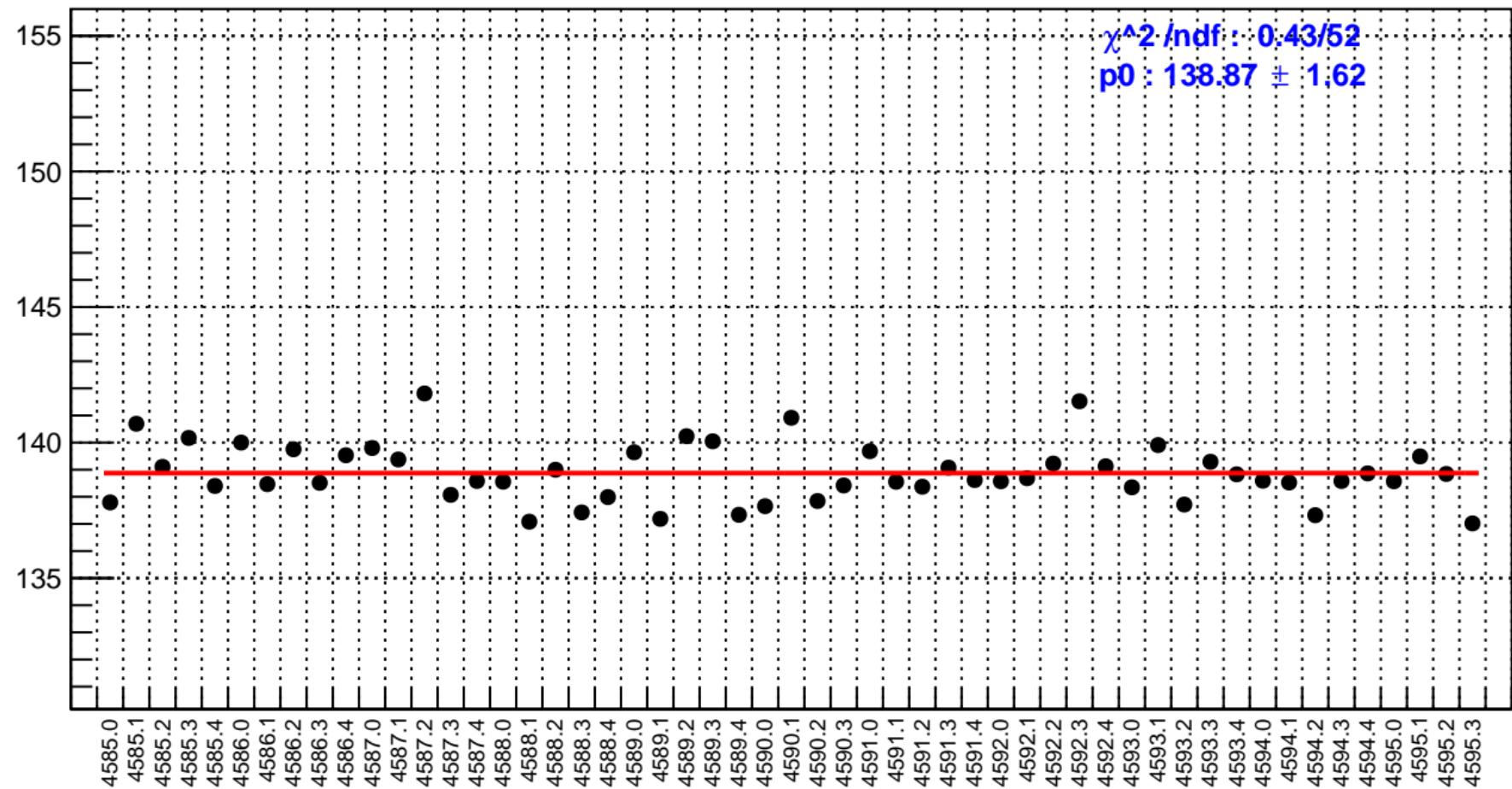


slug70: asym_dsl.mean/ppb-reg_asym_dsl.mean/ppb

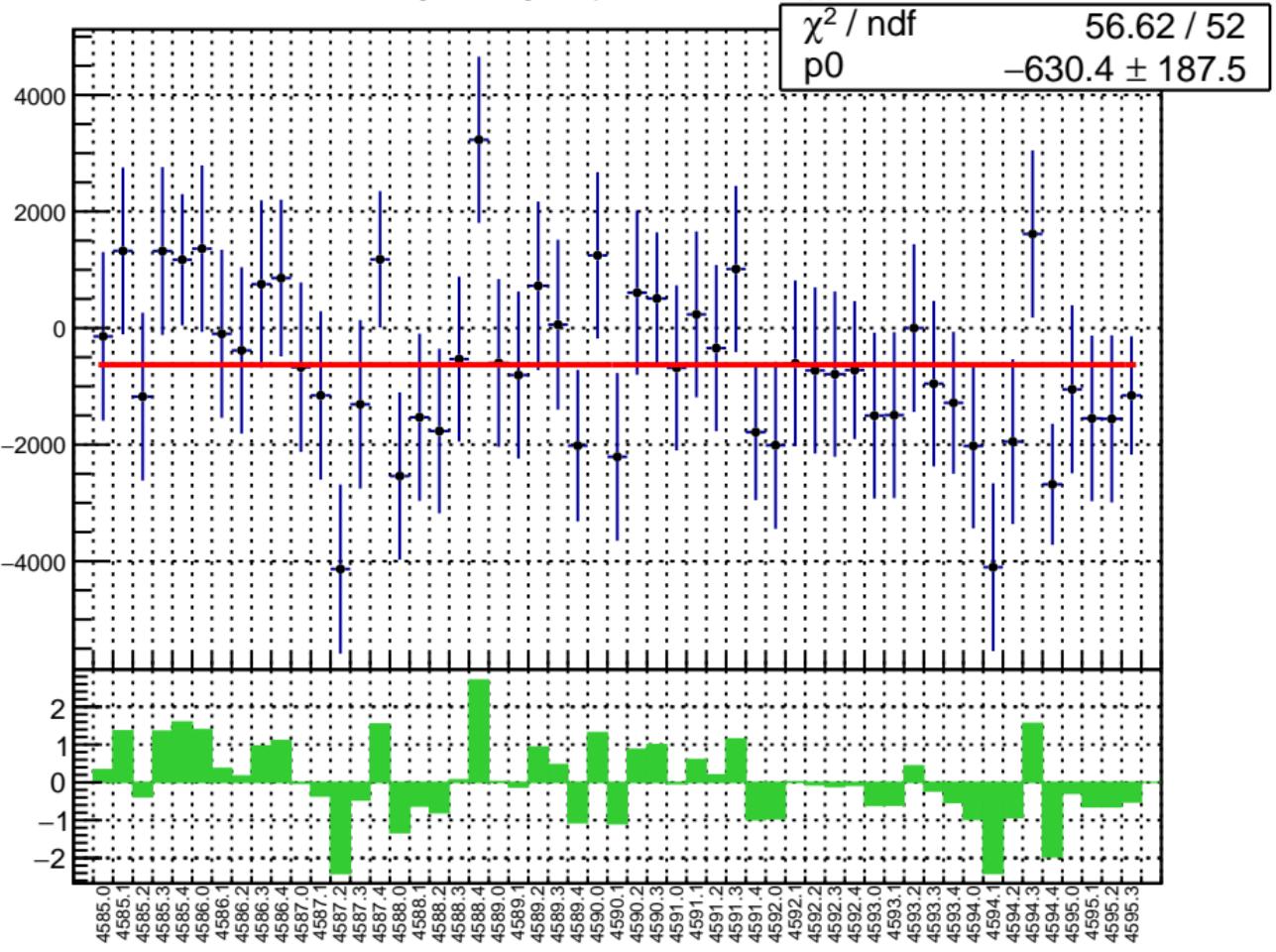
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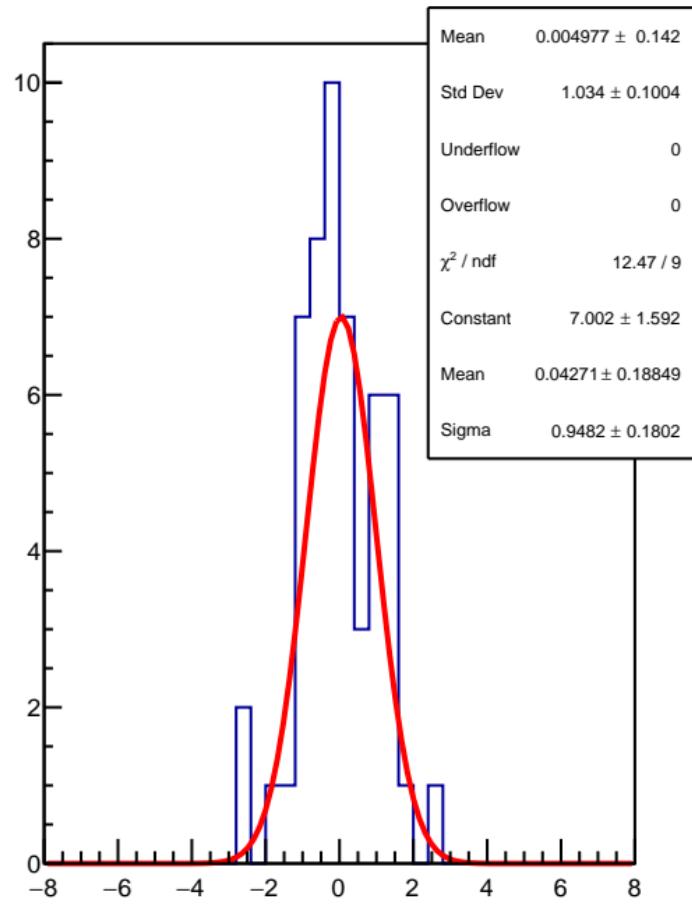
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slug70: reg_asym_dsr.mean/ppb

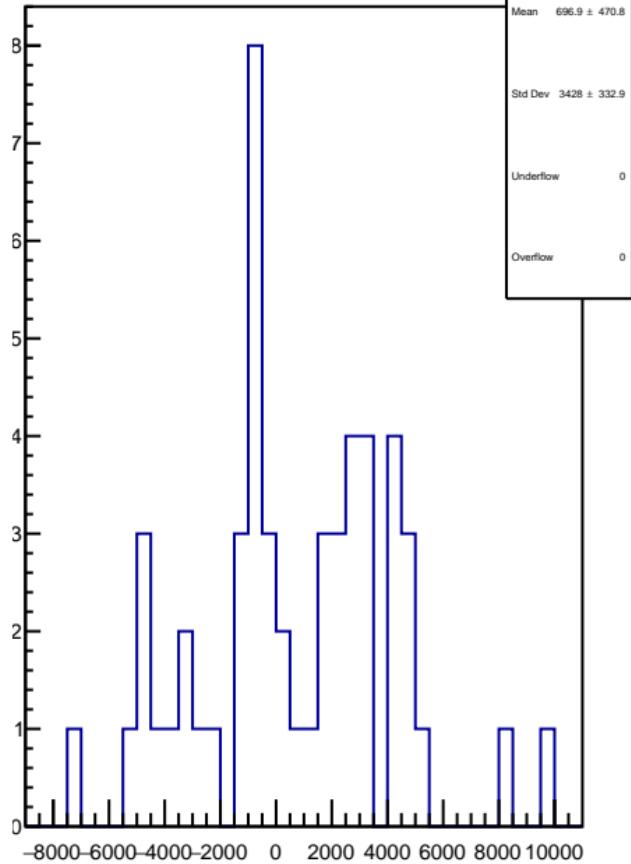
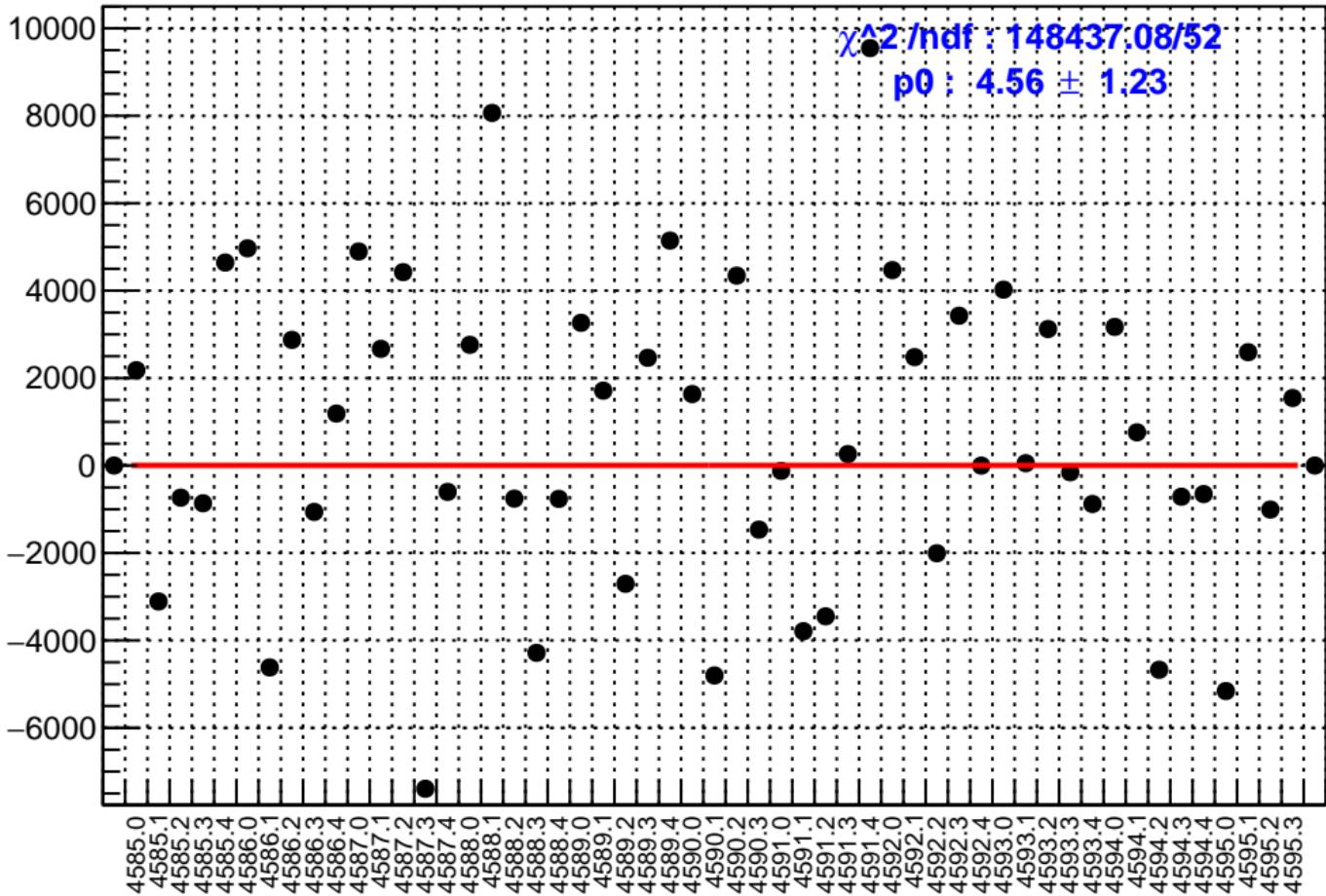


1D pull distribution

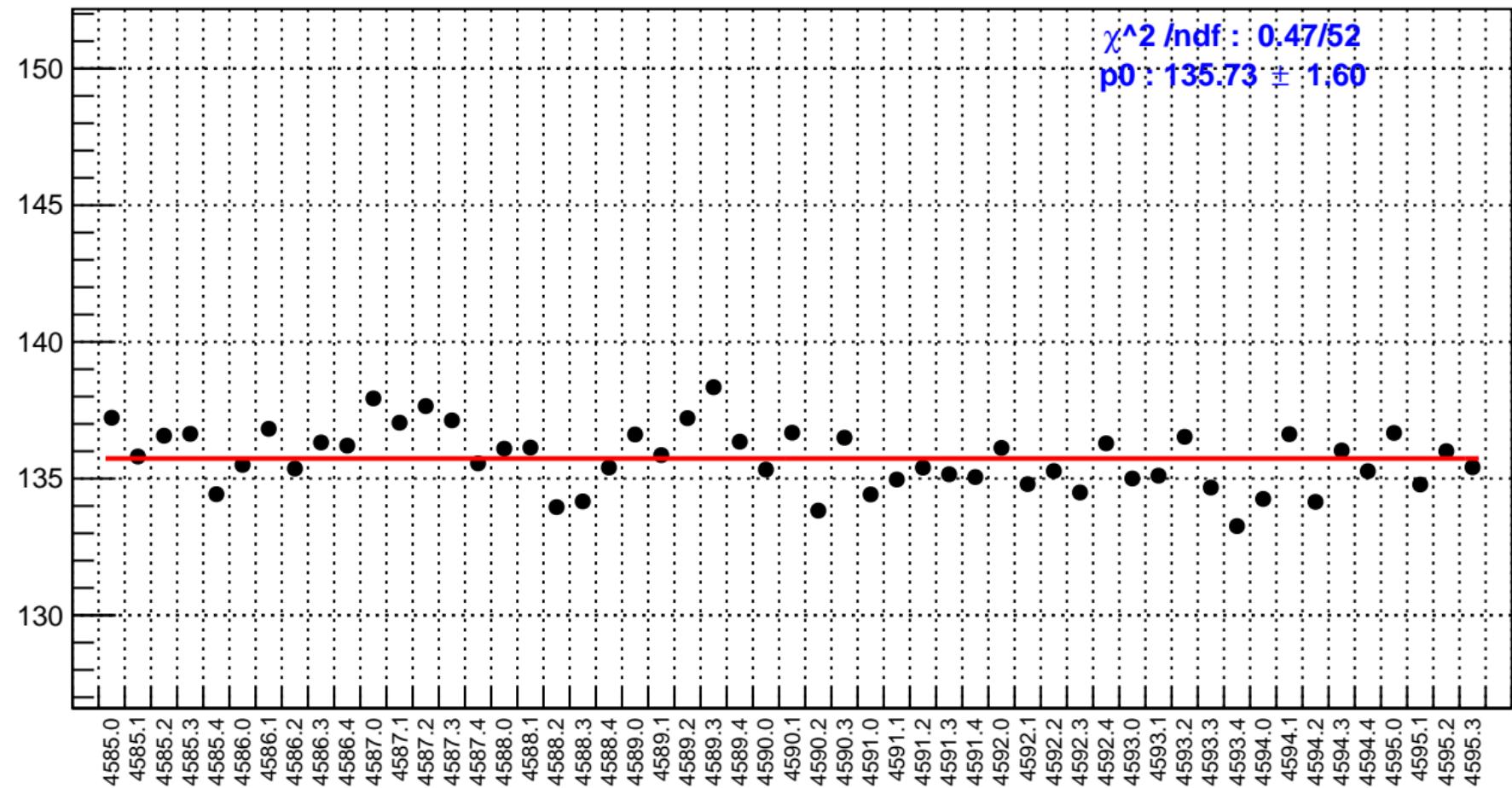


slug70: asym_dsr.mean/ppb-reg_asym_dsr.mean/ppb

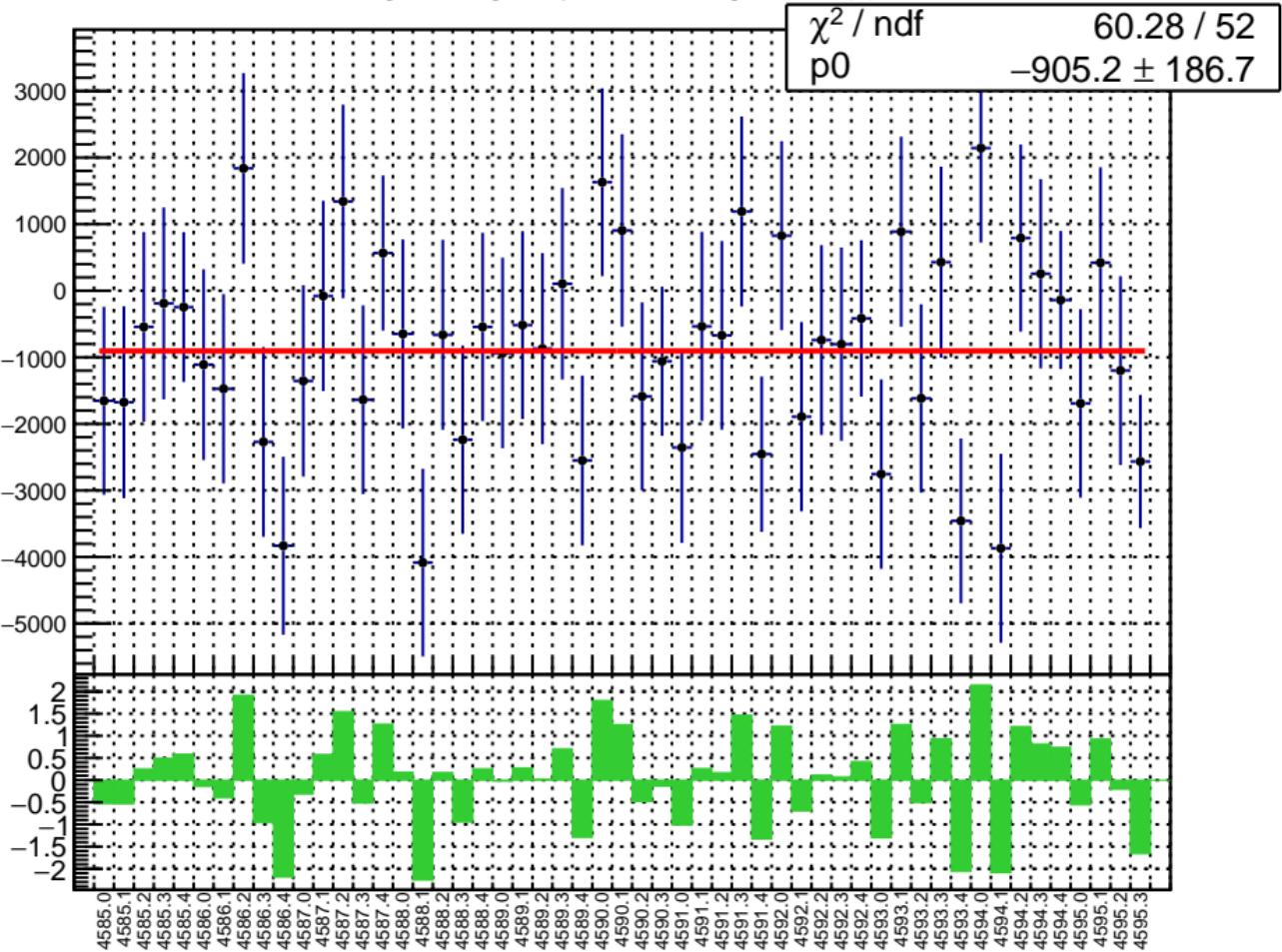
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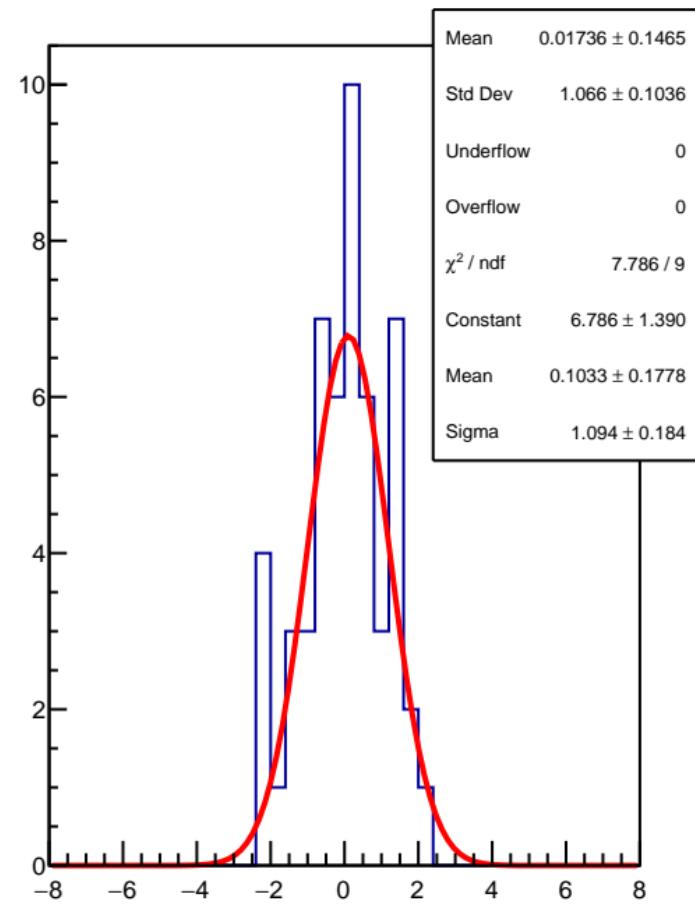
slug70: reg_asym_dsr.rms/ppm



slug70: reg_asym_left_avg.mean/ppb

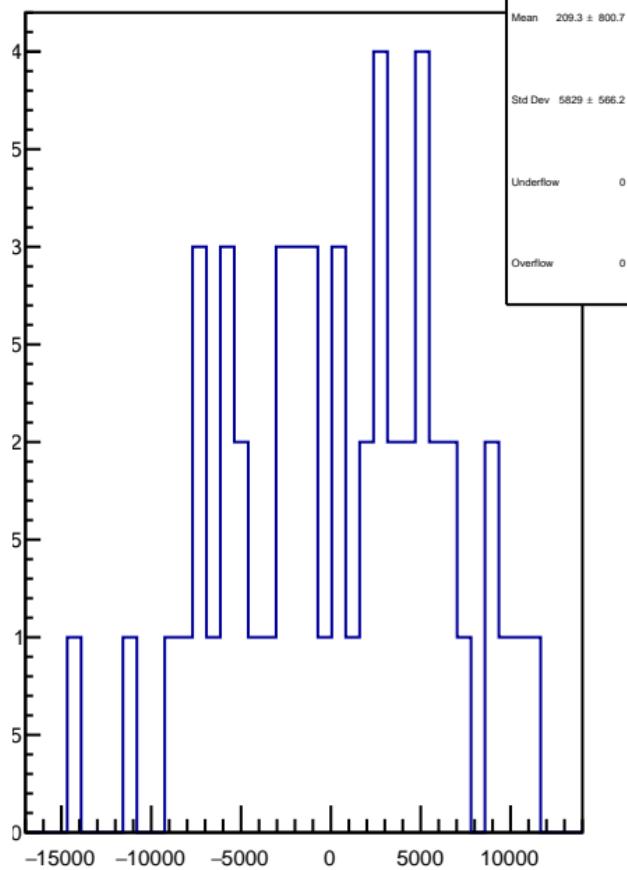
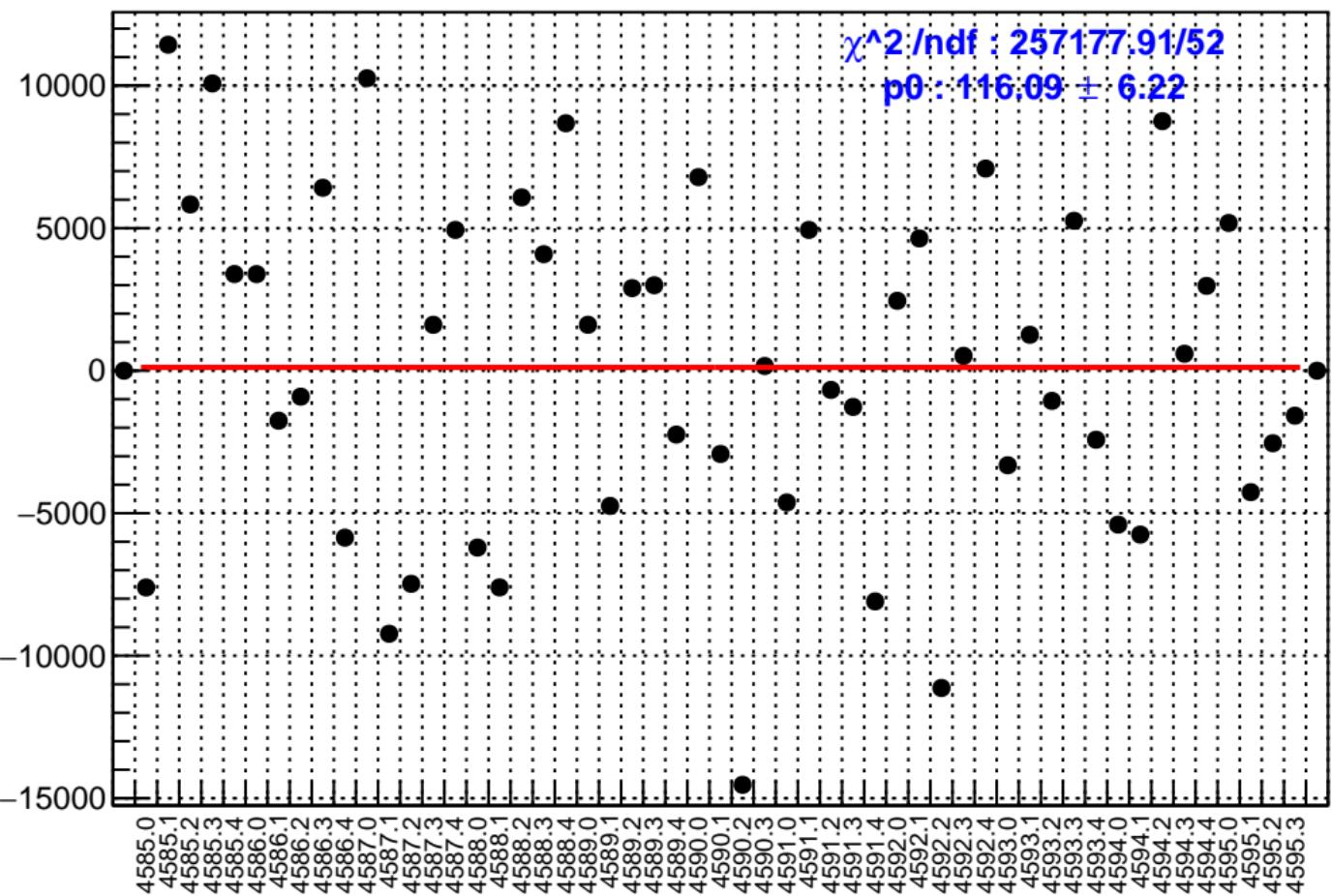


1D pull distribution

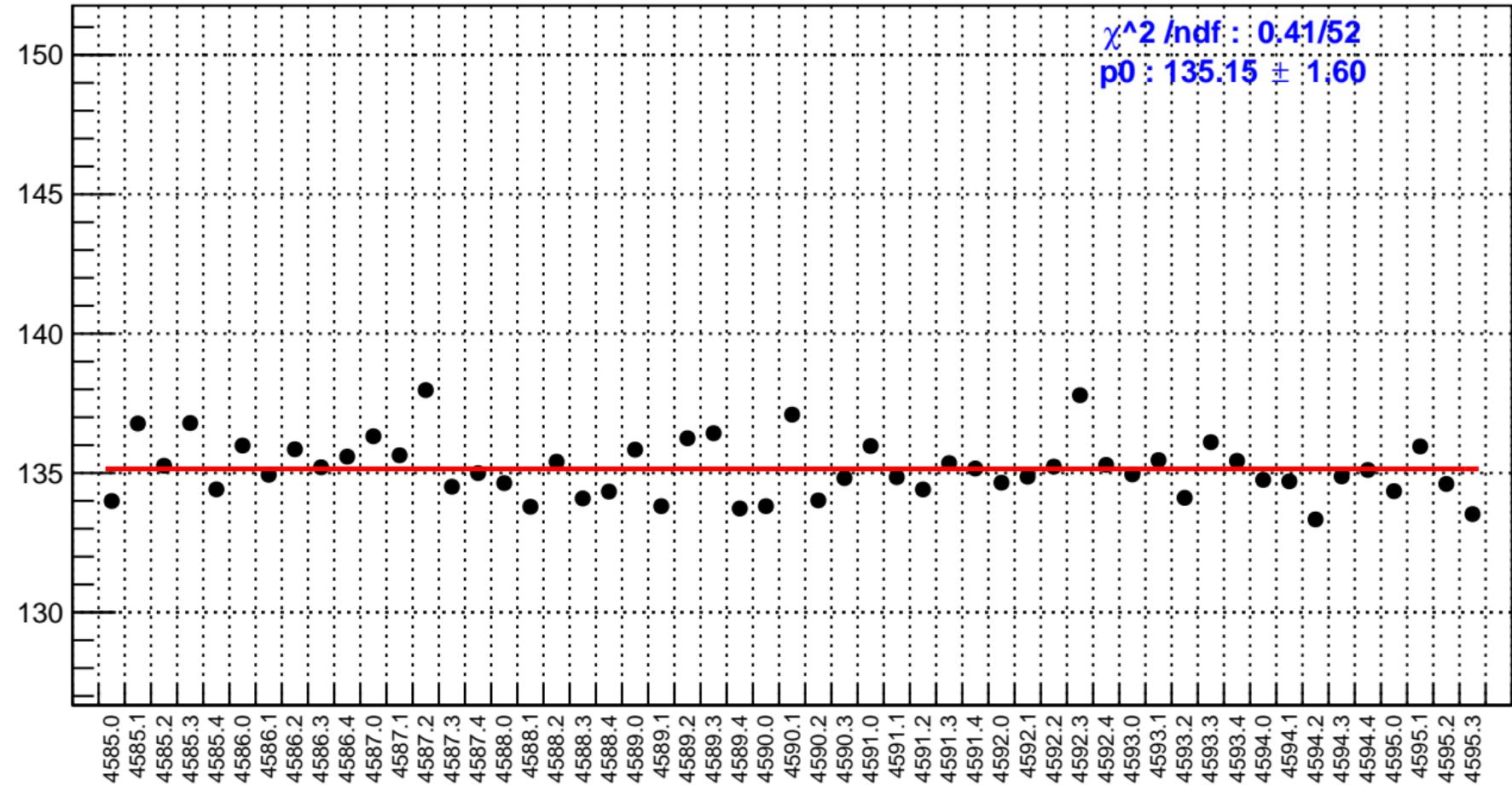


slug70: asym_left_avg.mean/ppb-reg_asym_left_avg.mean/ppb

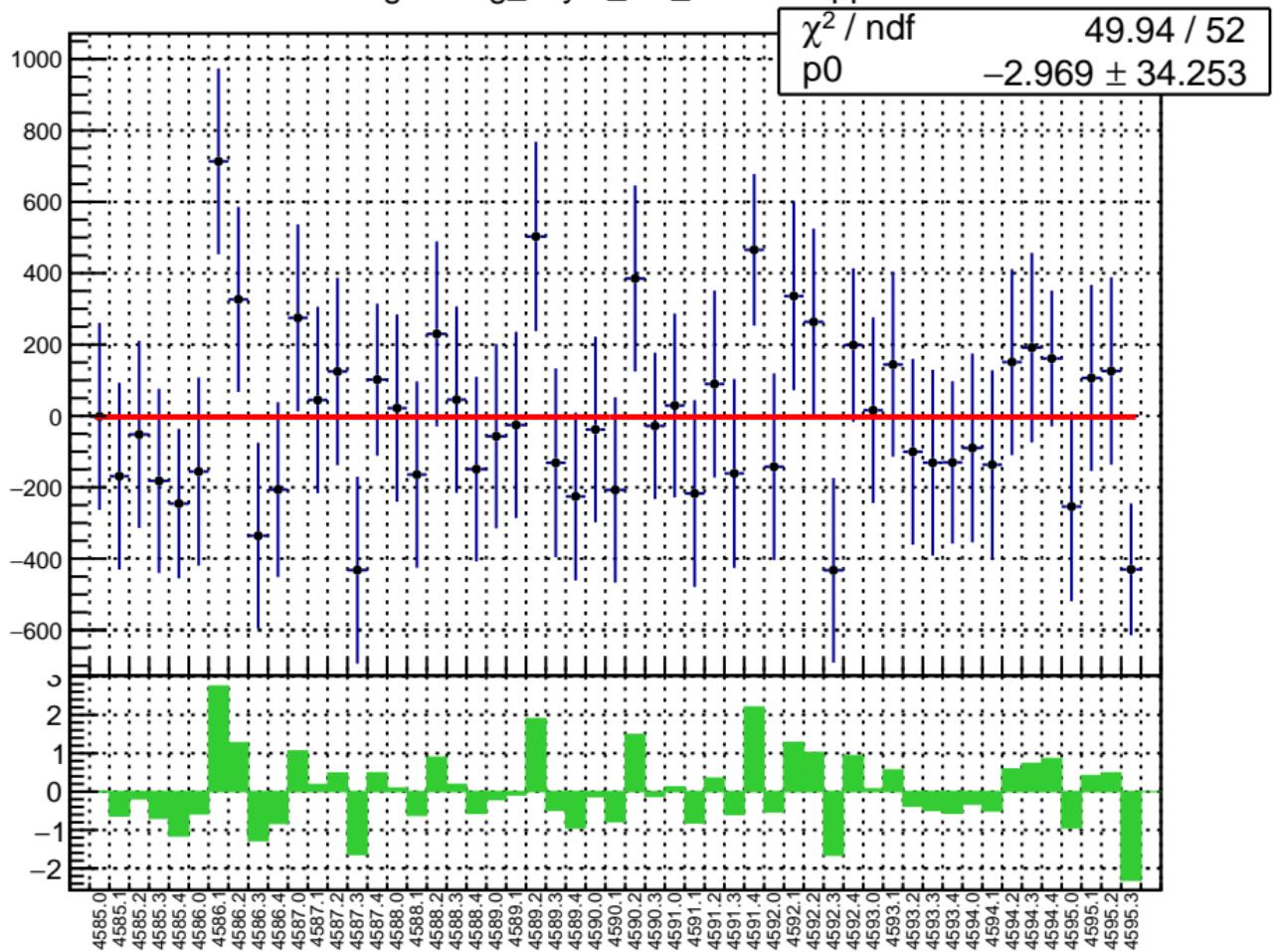
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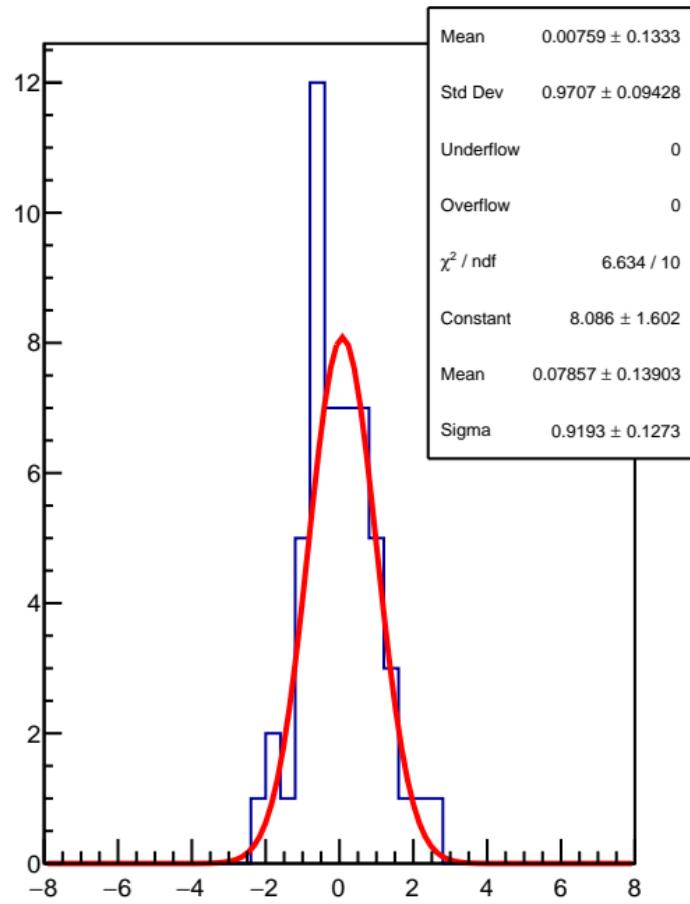
slug70: reg_asym_left_avg.rms/ppm



slug70: reg_asym_left_dd.mean/ppb

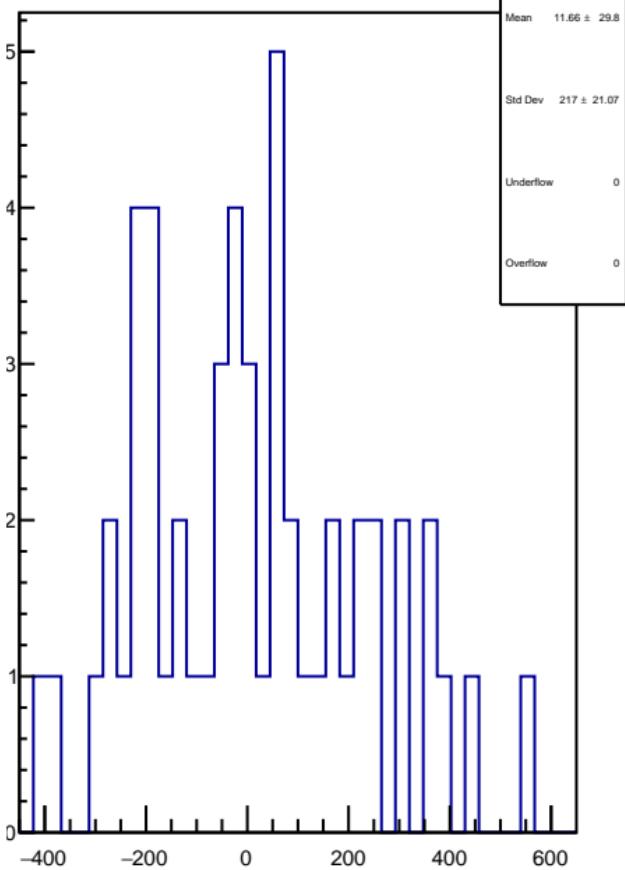
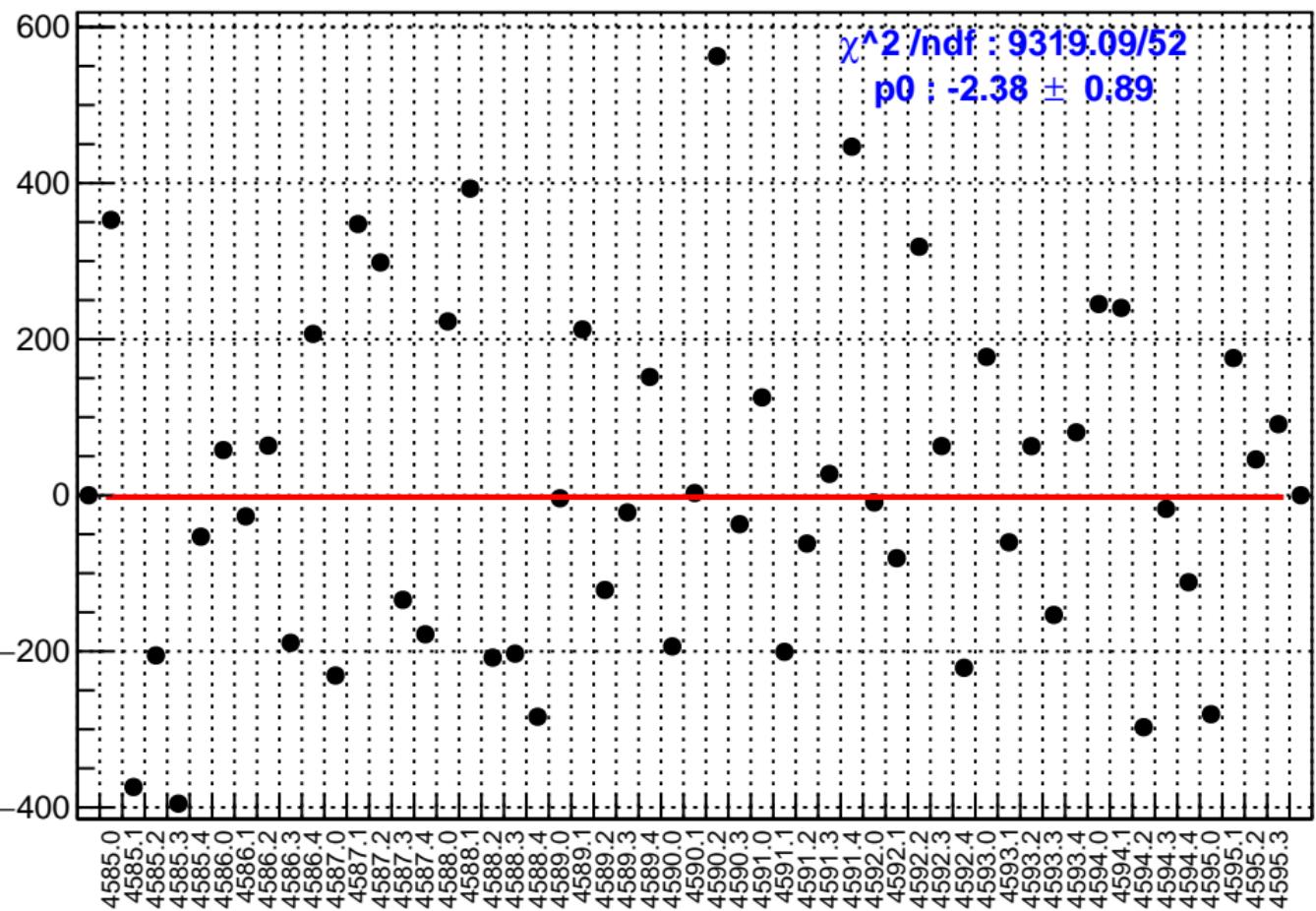


1D pull distribution

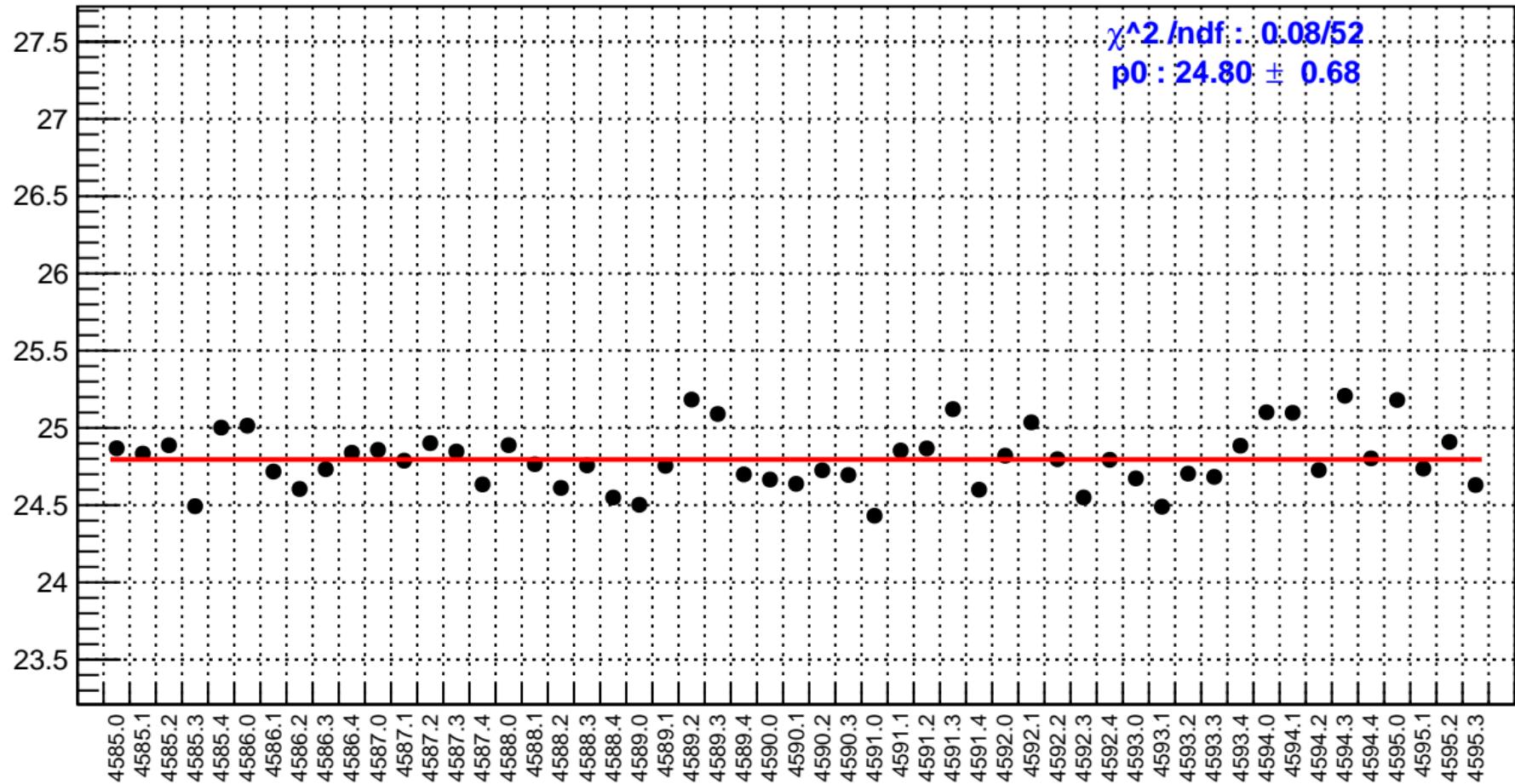


slug70: asym_left_dd.mean/ppb-reg_asym_left_dd.mean/ppb

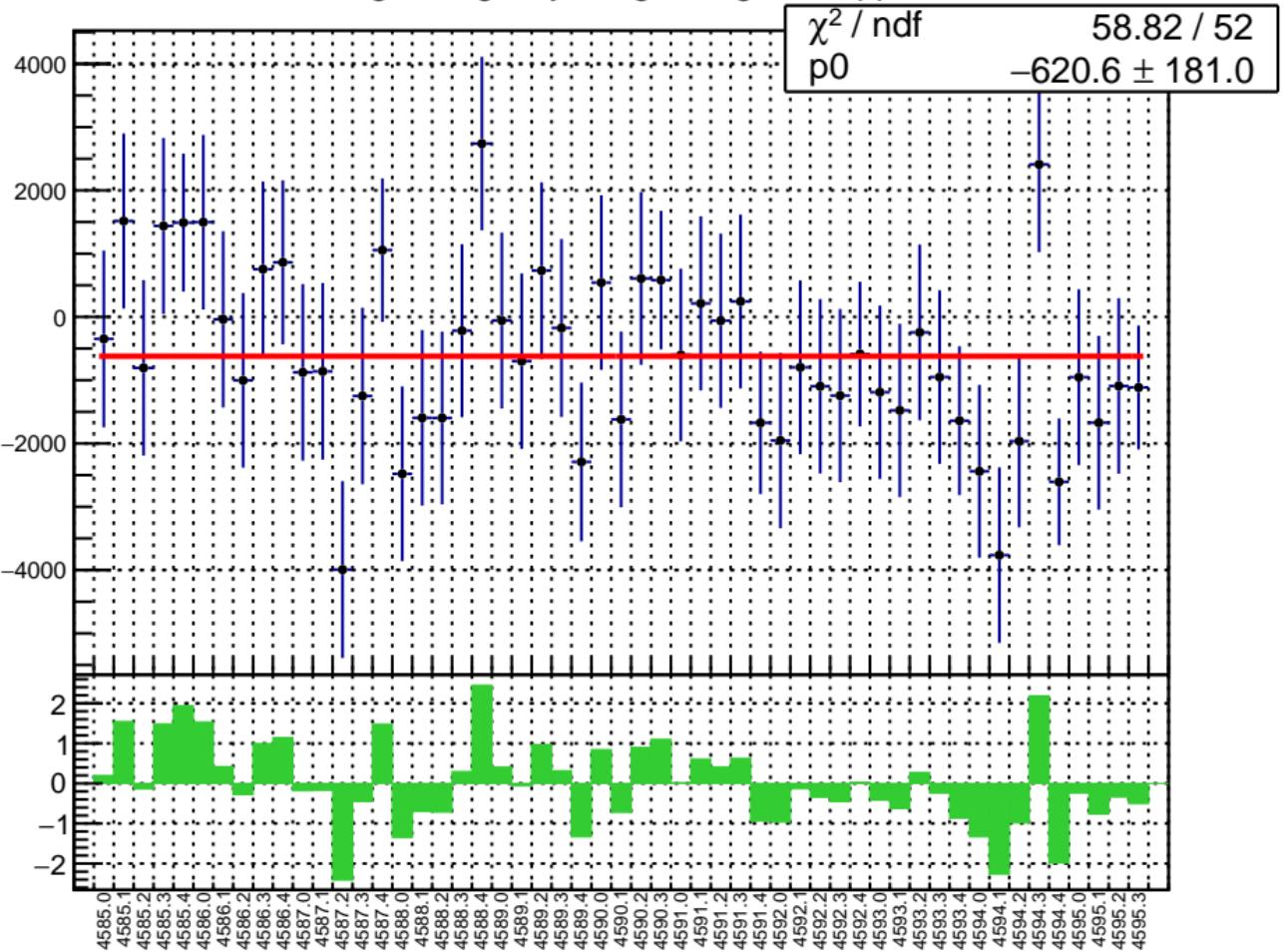
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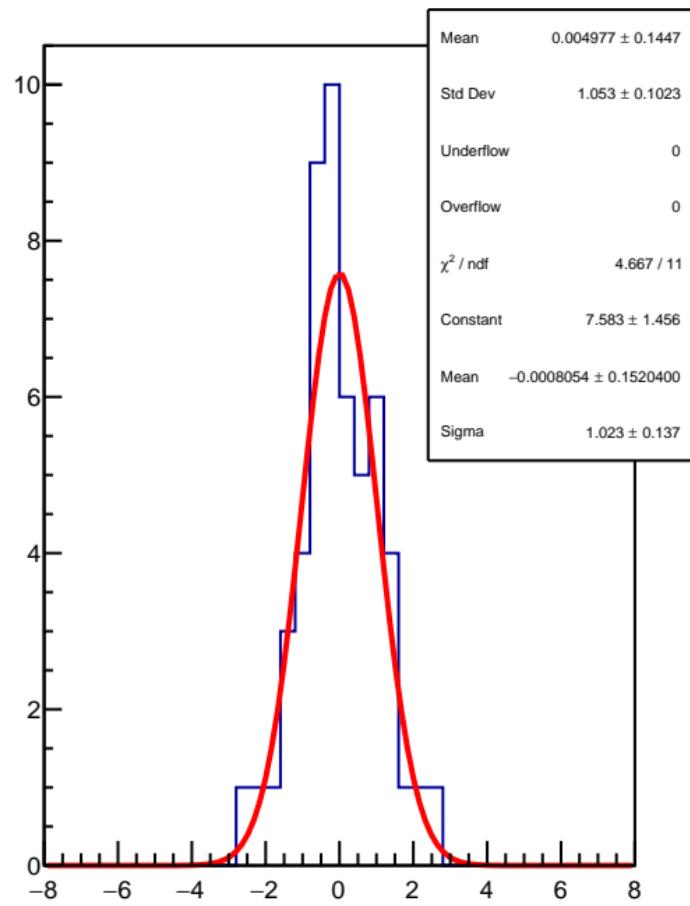
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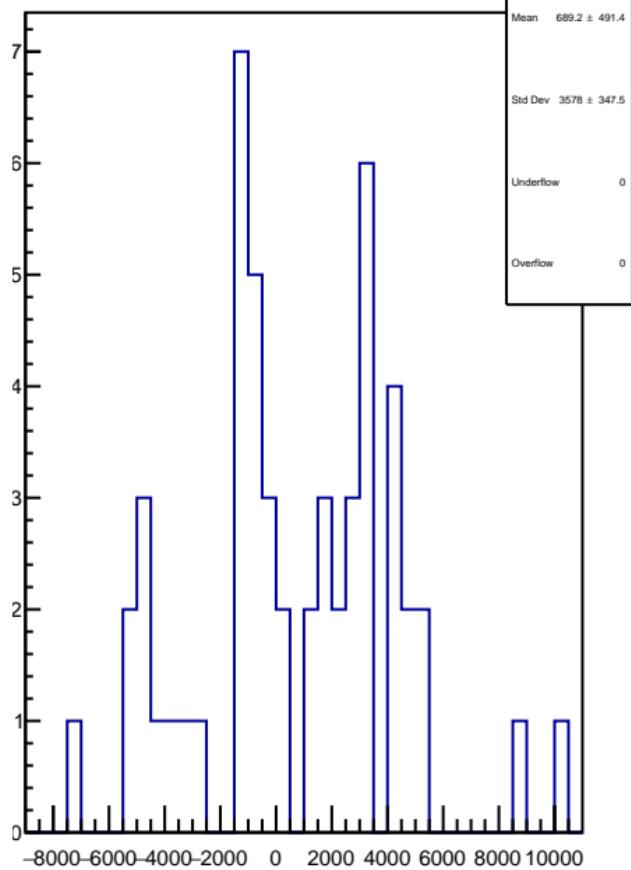
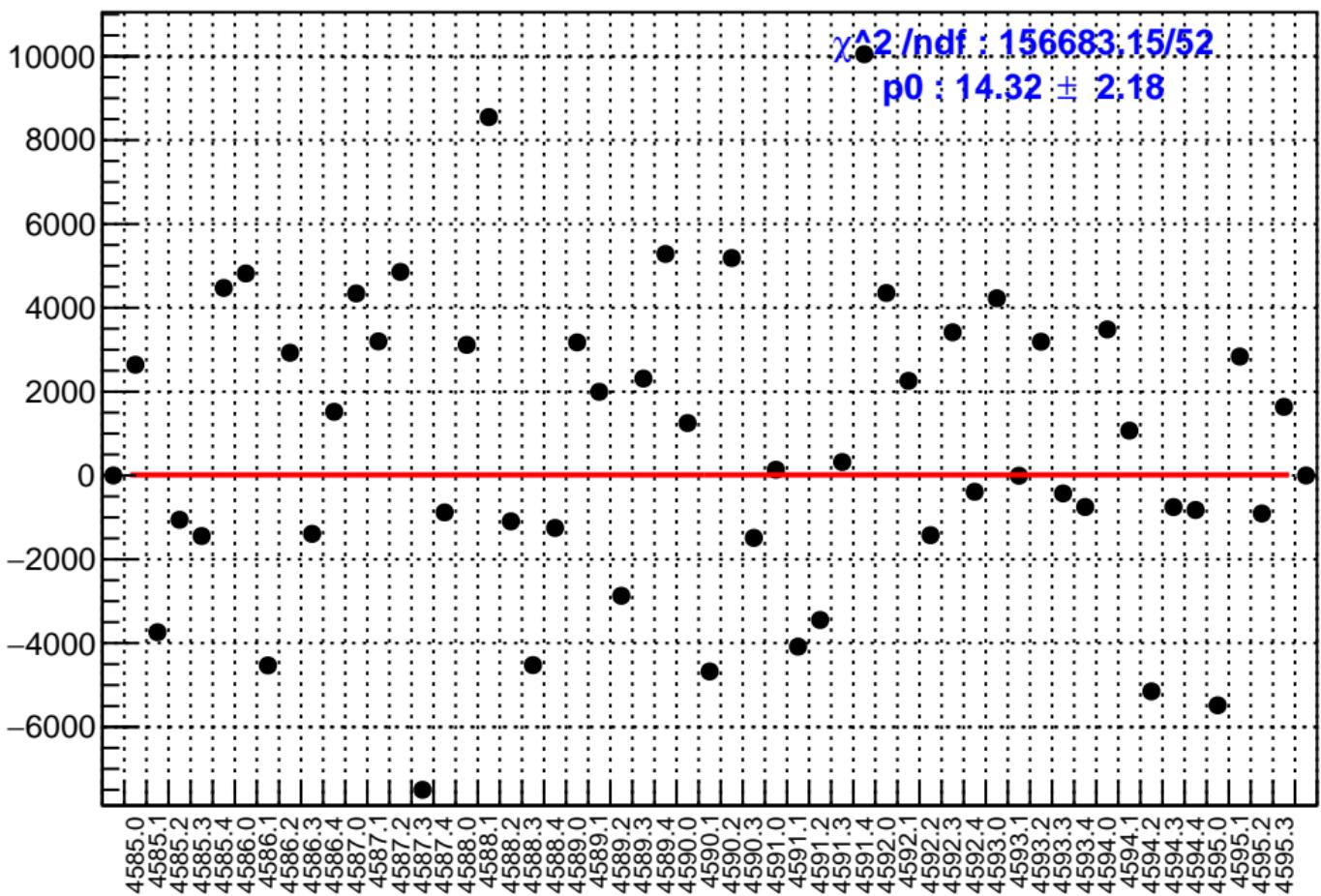


1D pull distribution

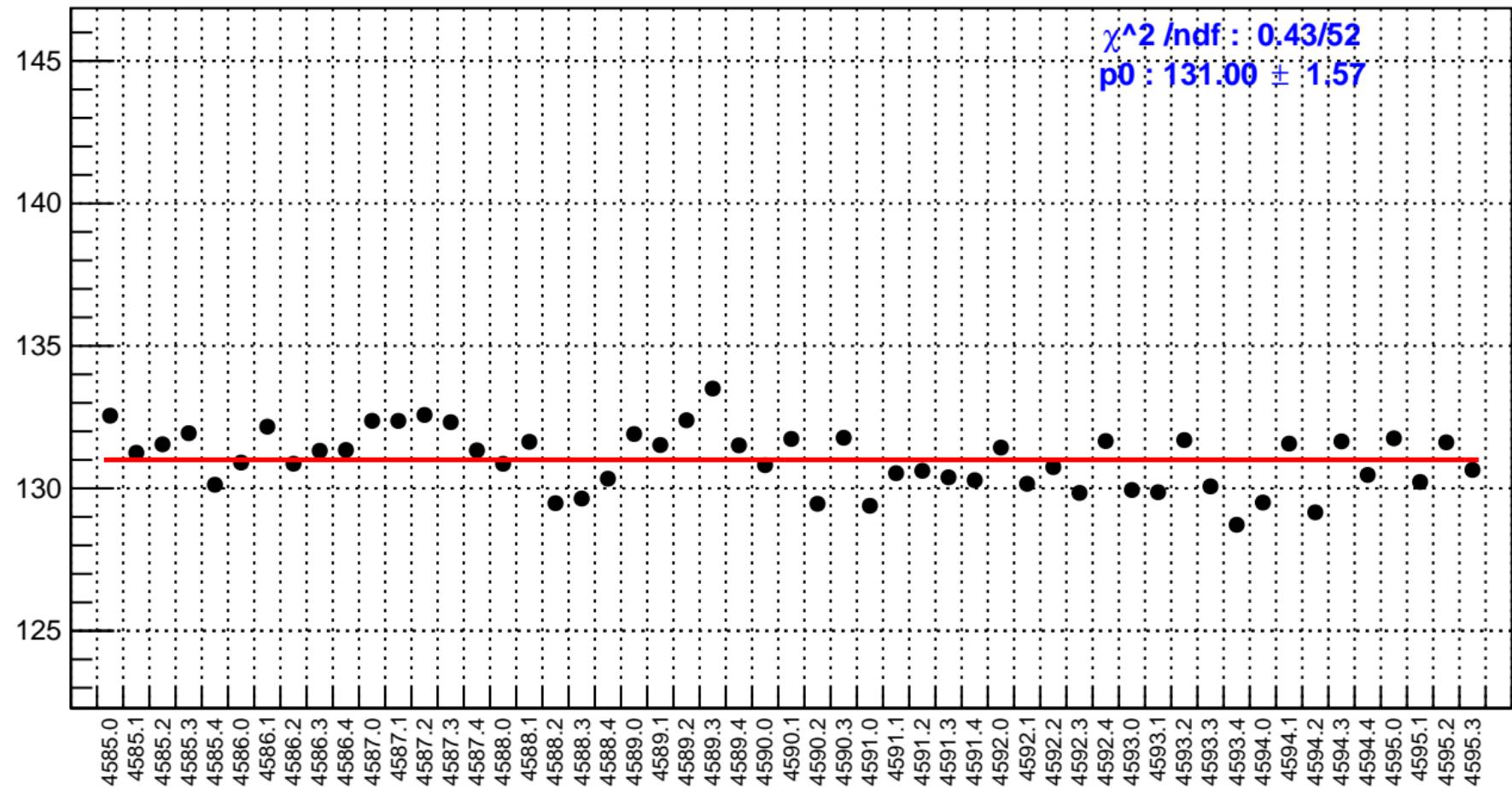


slug70: asym_right_avg.mean/ppb-reg_asym_right_avg.mean/ppb

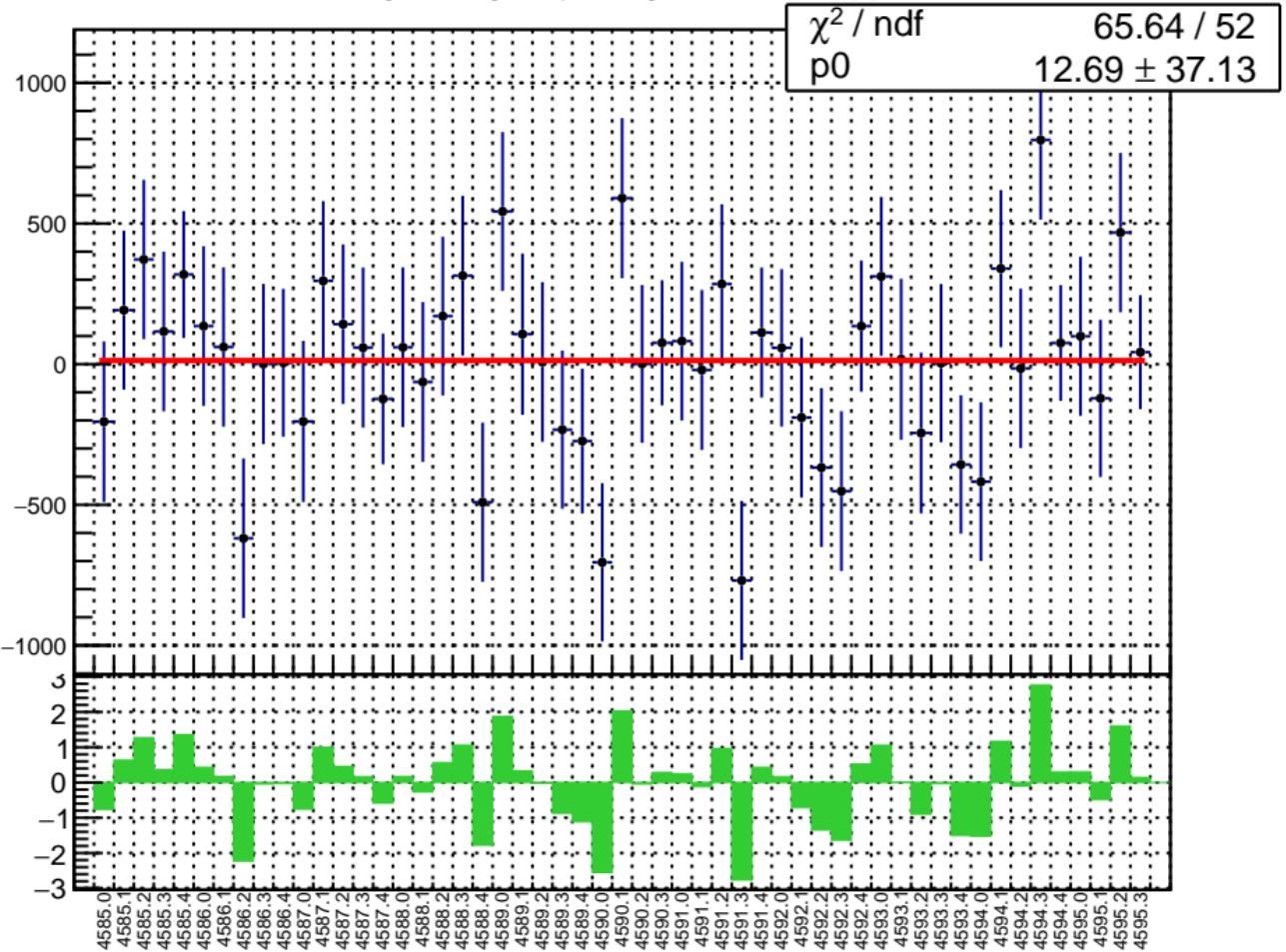
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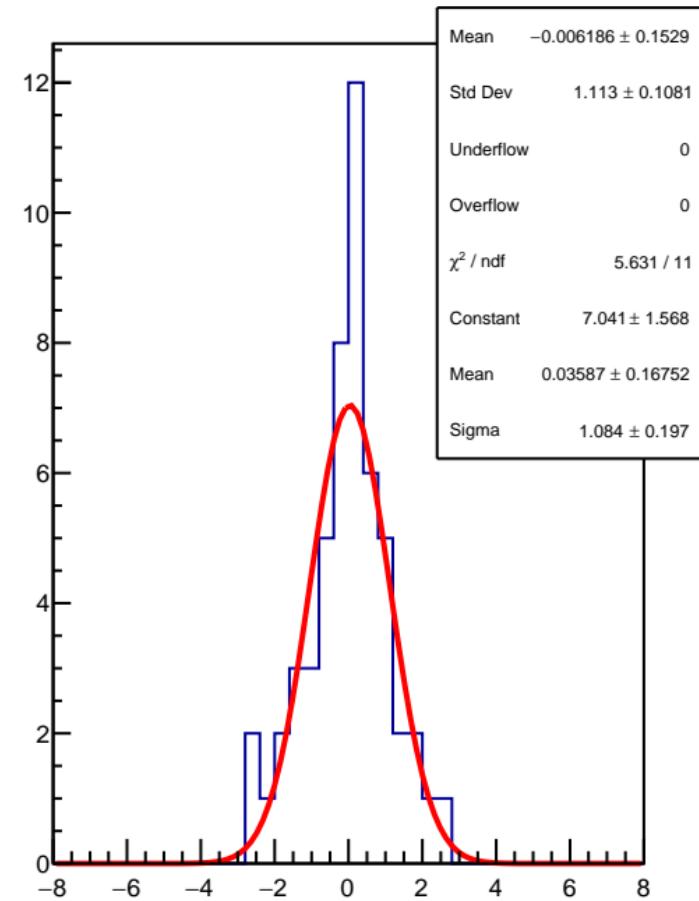
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slug70: reg_asym_right_dd.mean/ppb

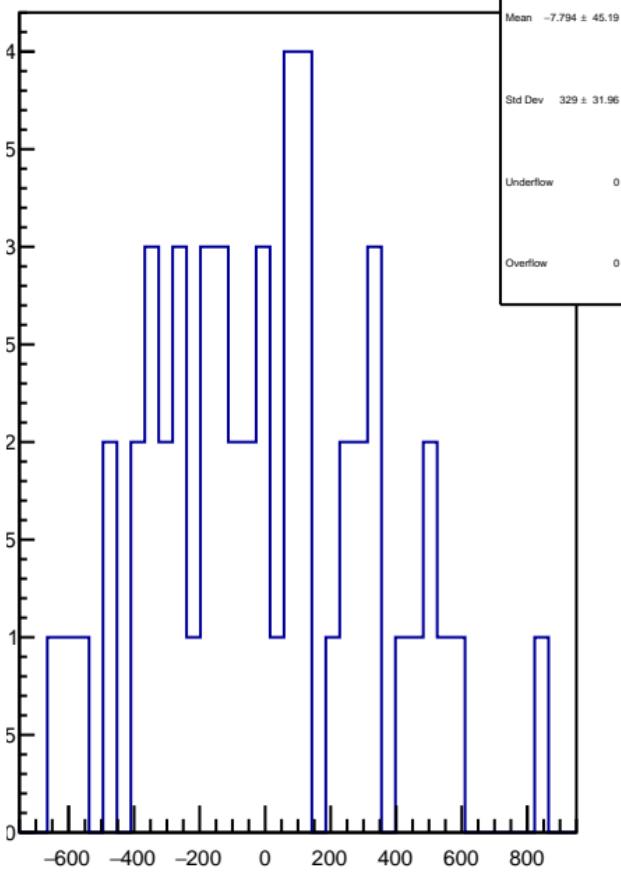
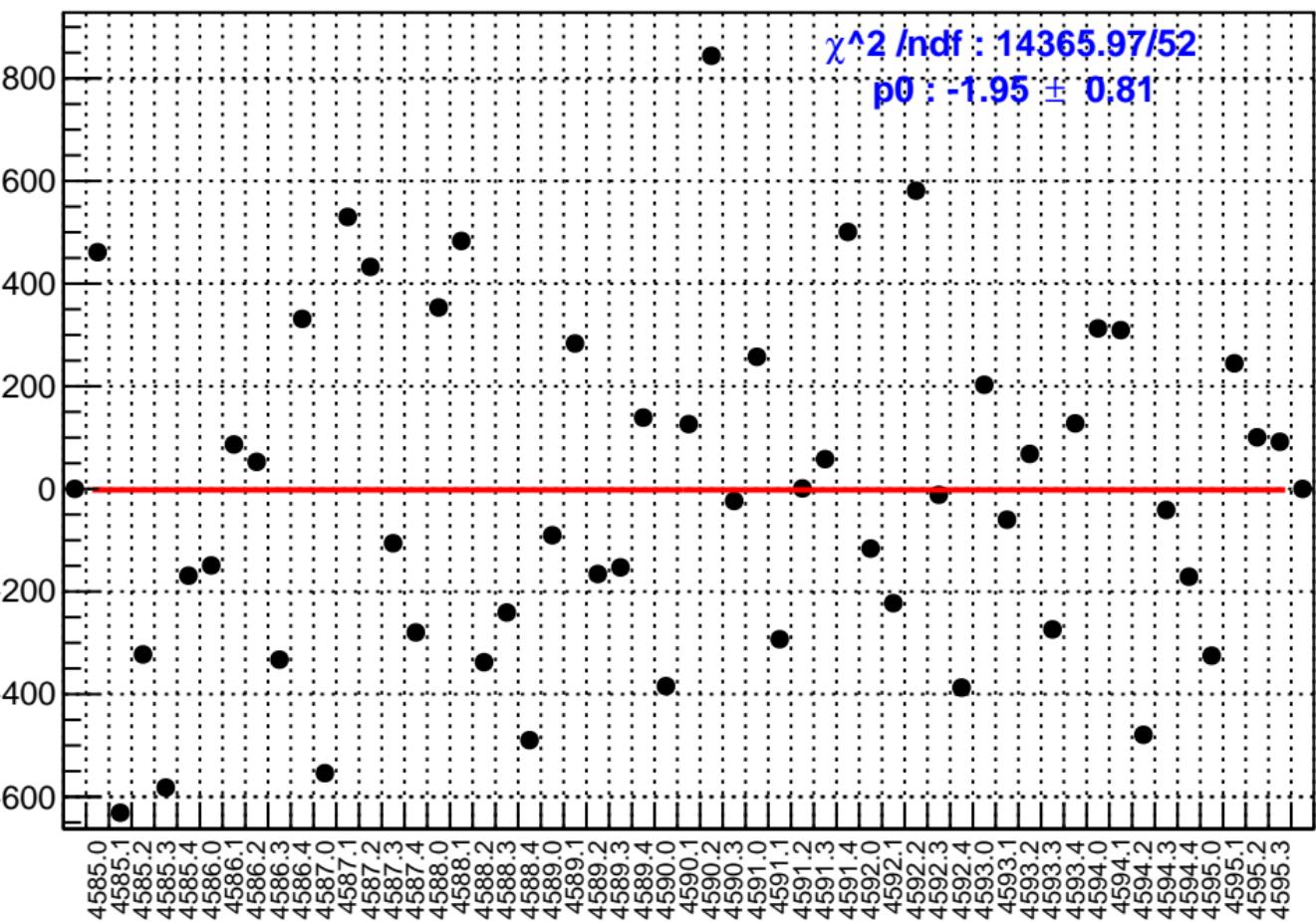


1D pull distribution

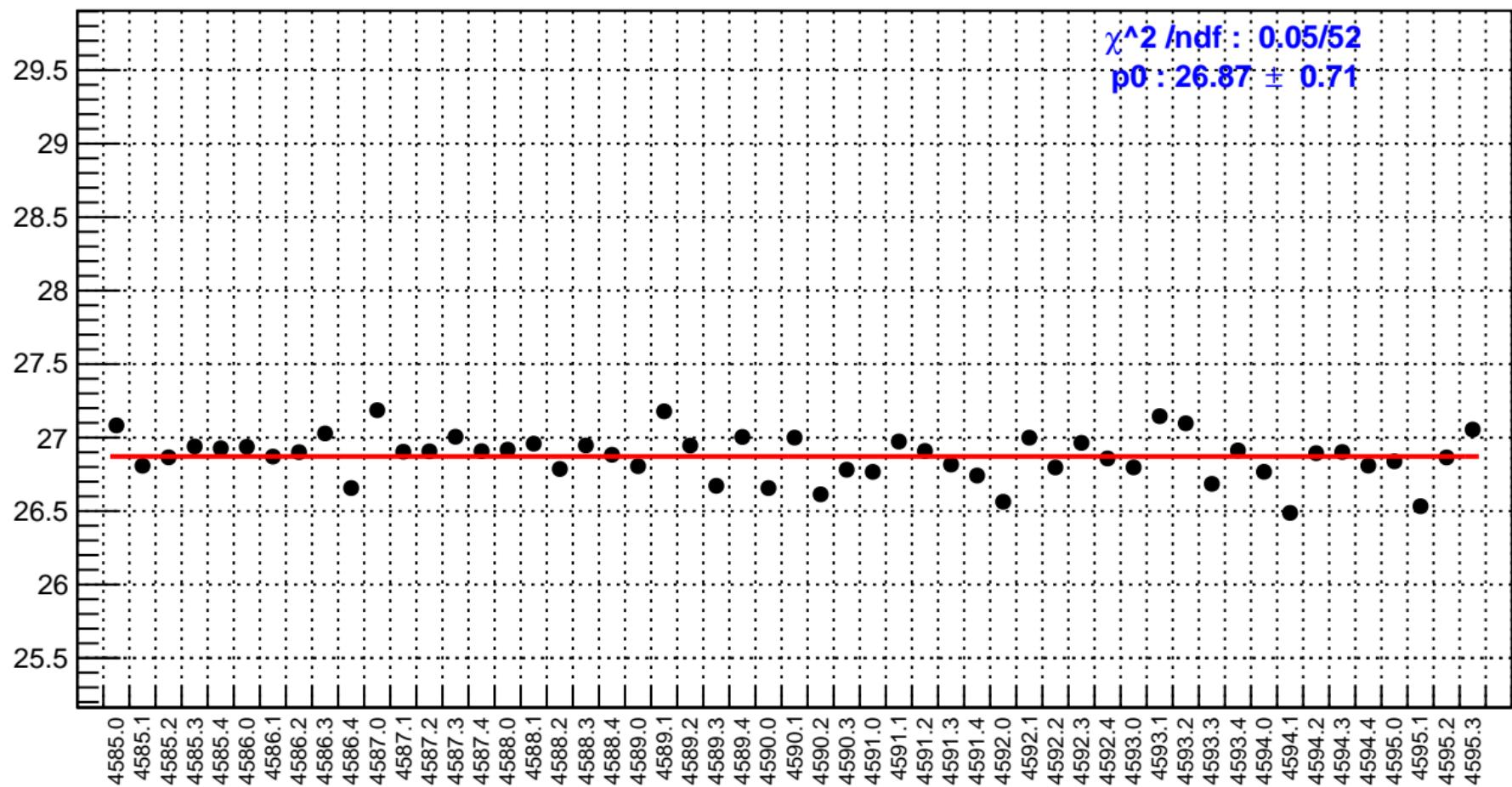


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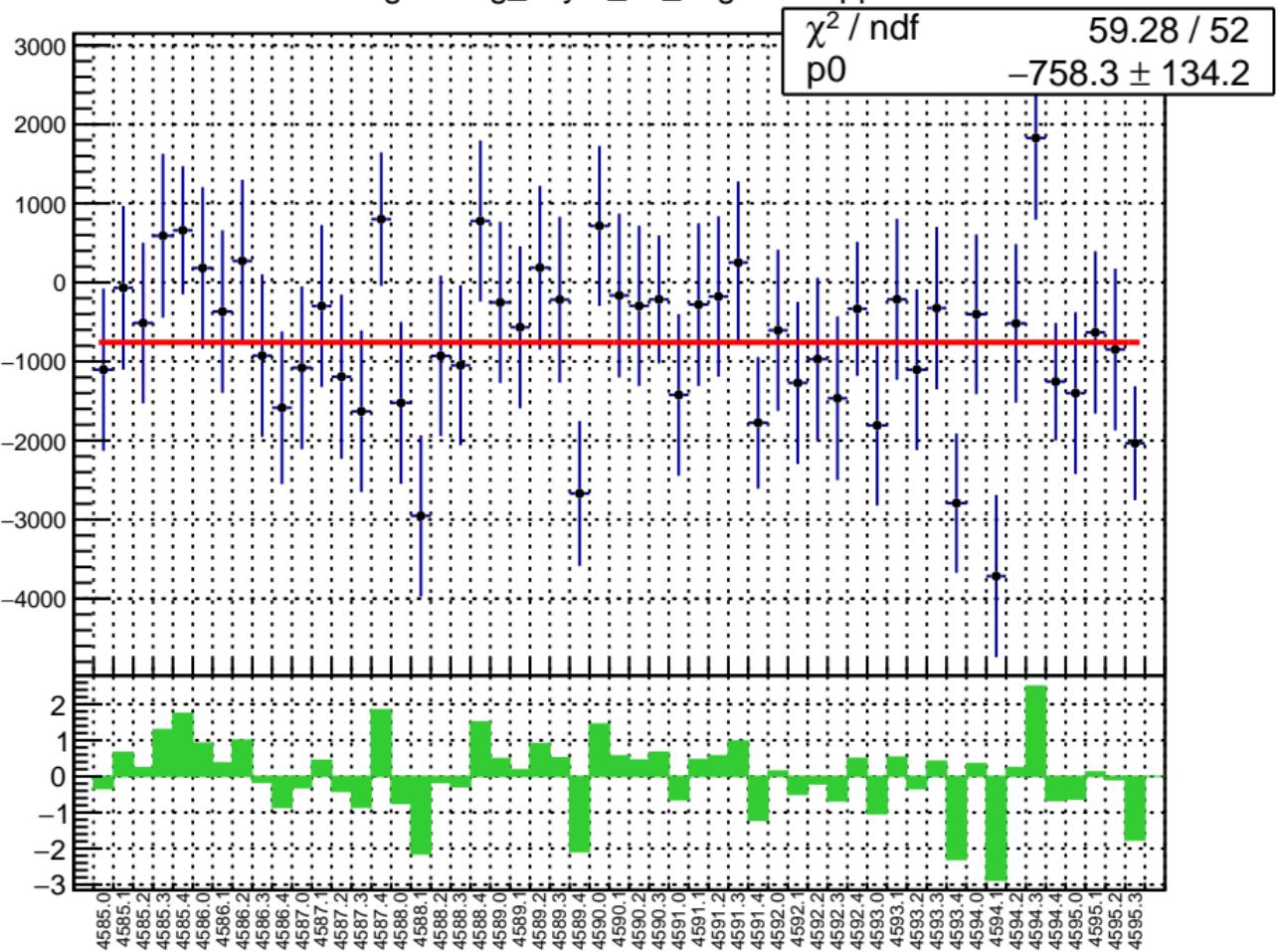
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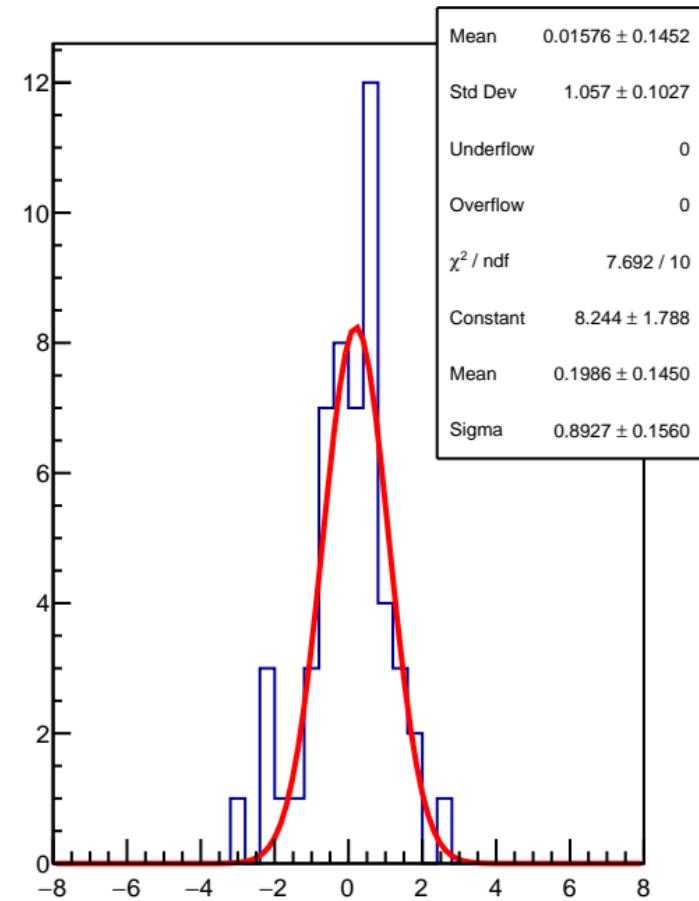
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slug70: reg_asym_us_avg.mean/ppb

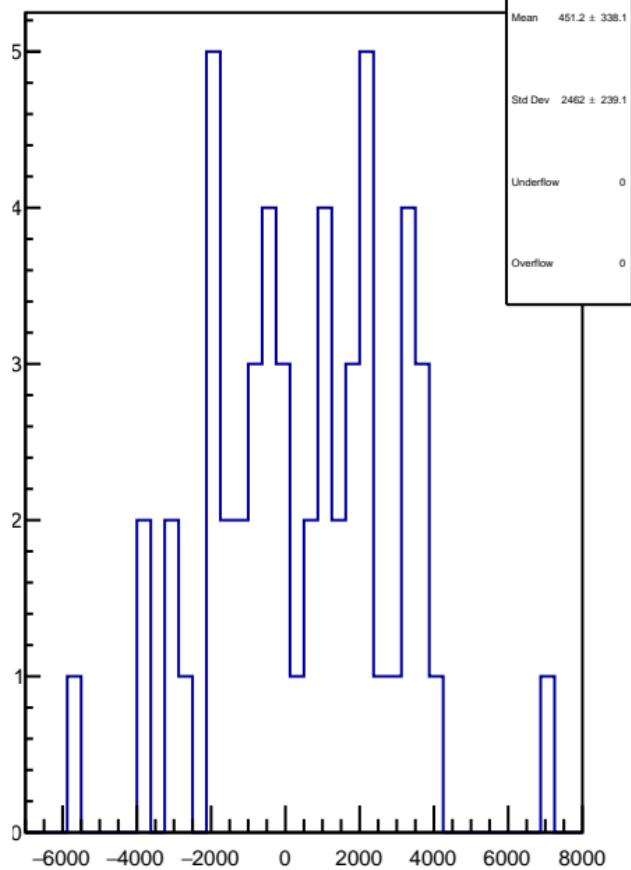
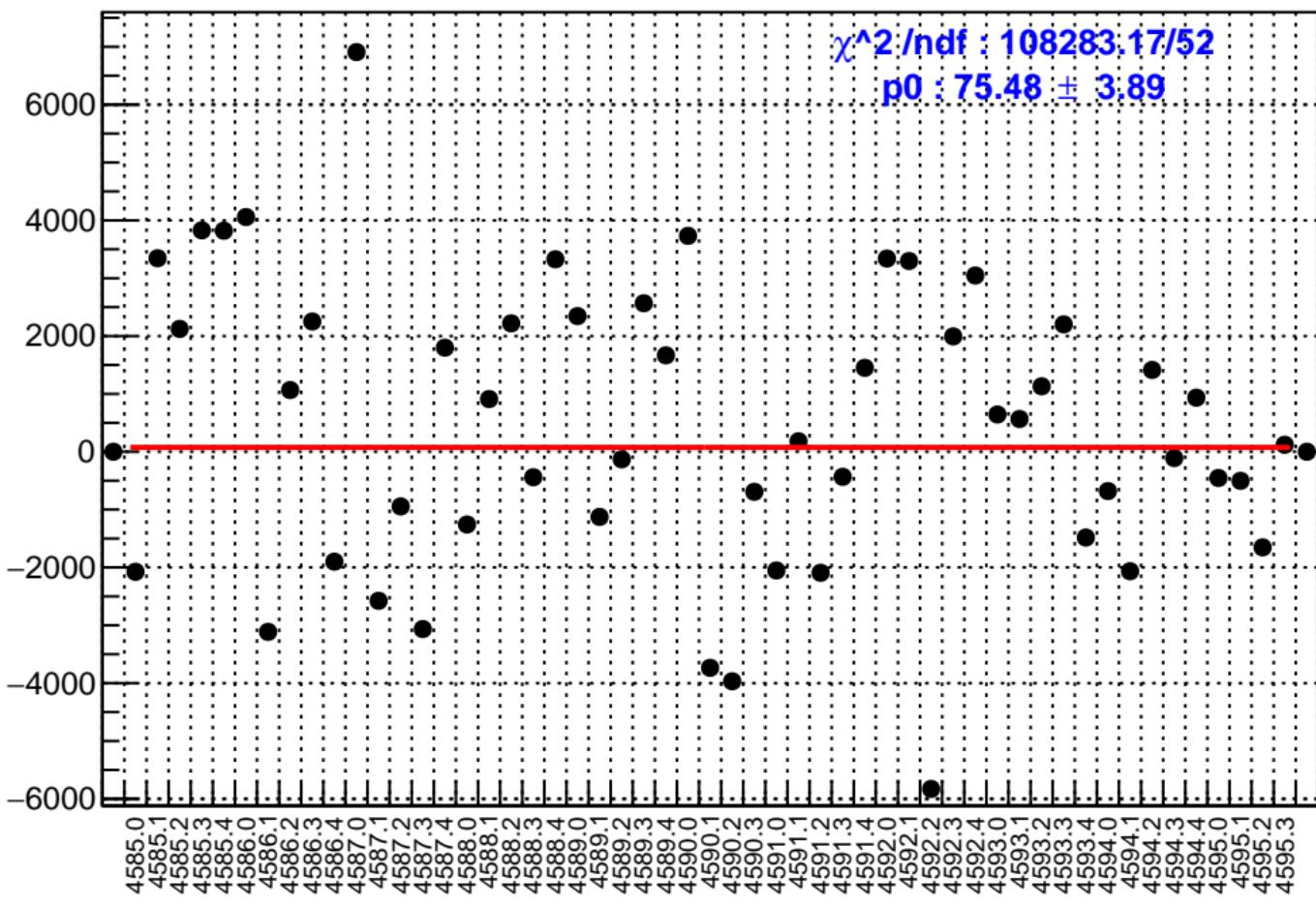


1D pull distribution



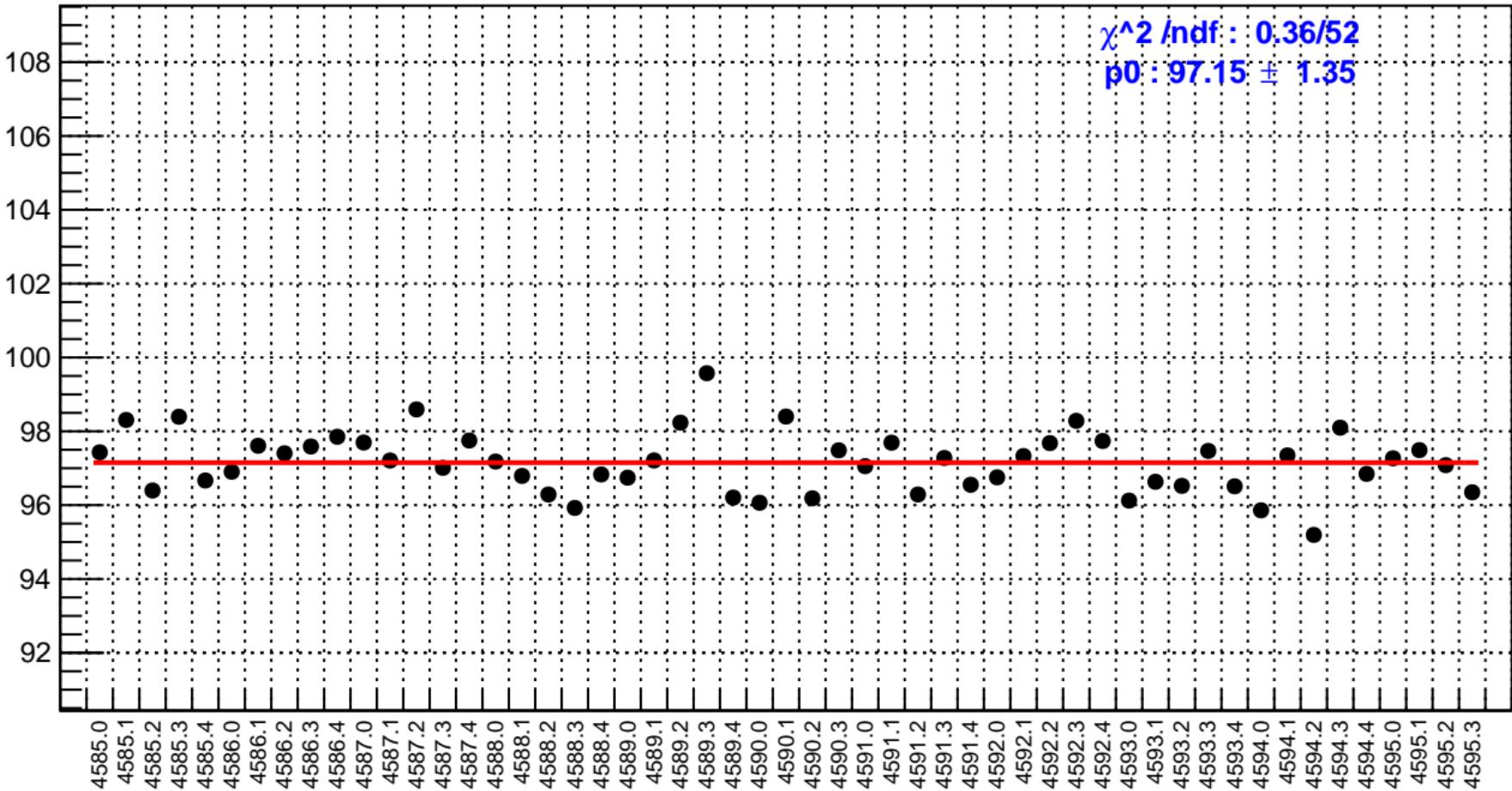
slug70: asym_us_avg.mean/ppb-reg_asym_us_avg.mean/ppb

slug70: 1D Corr asym_us_avg.mean/ppb-reg_asym_us_avg.mean/ppb

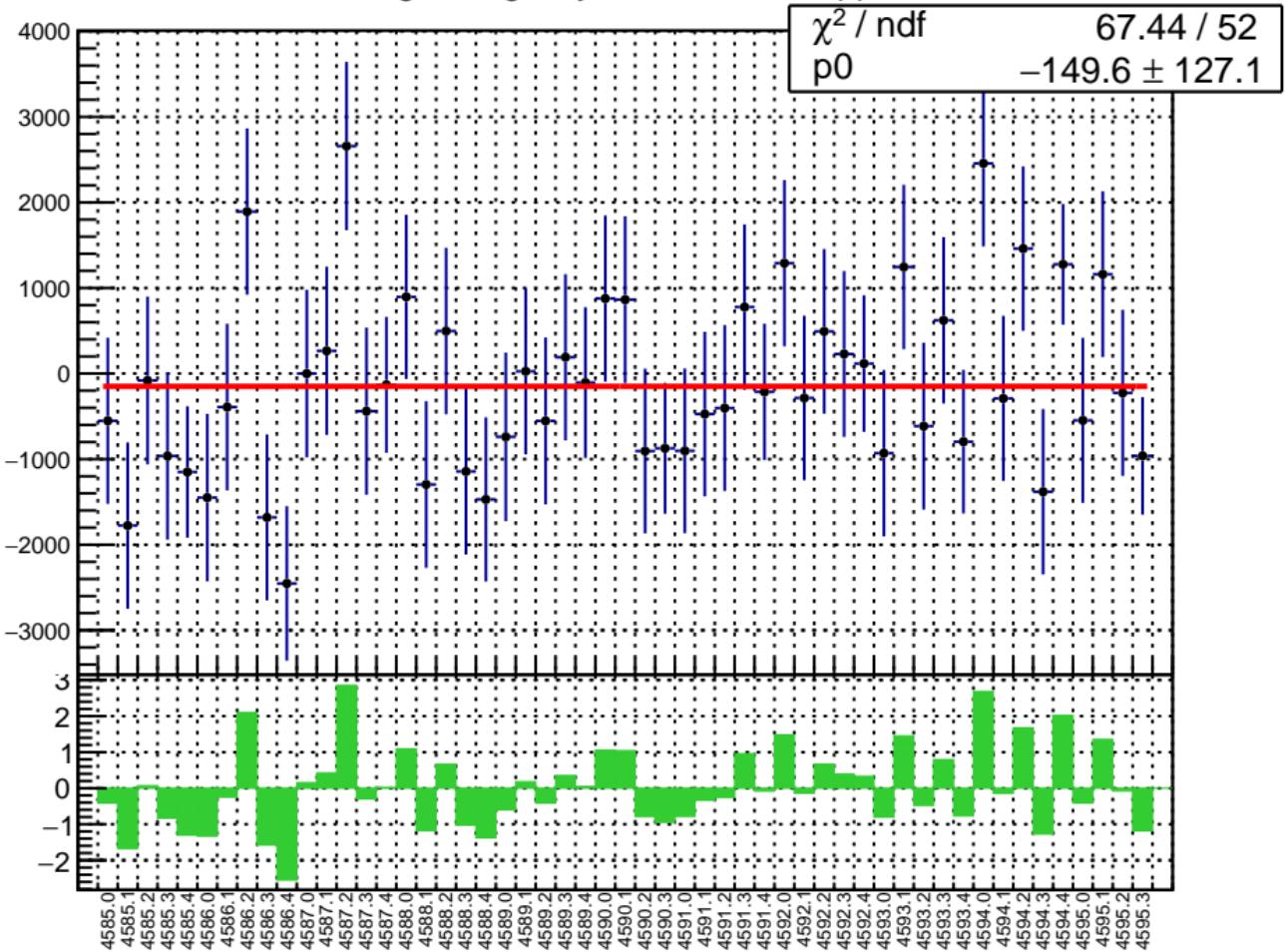


slug70: reg_asym_us_avg.rms/ppm

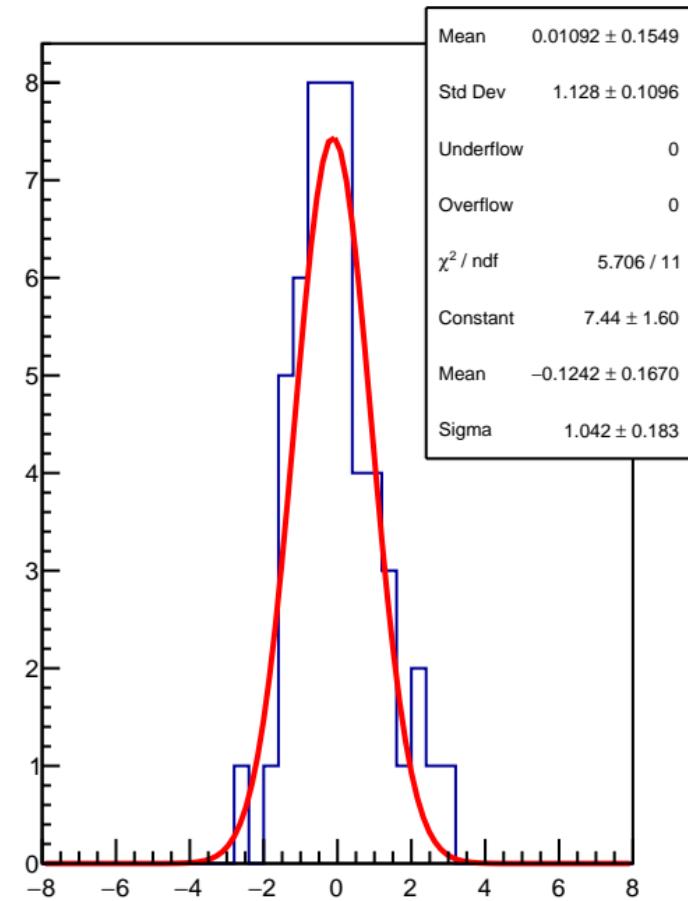
$\chi^2 / \text{ndf} : 0.36/52$
 $p_0 : 97.15 \pm 1.35$



slug70: reg_asym_us_dd.mean/ppb

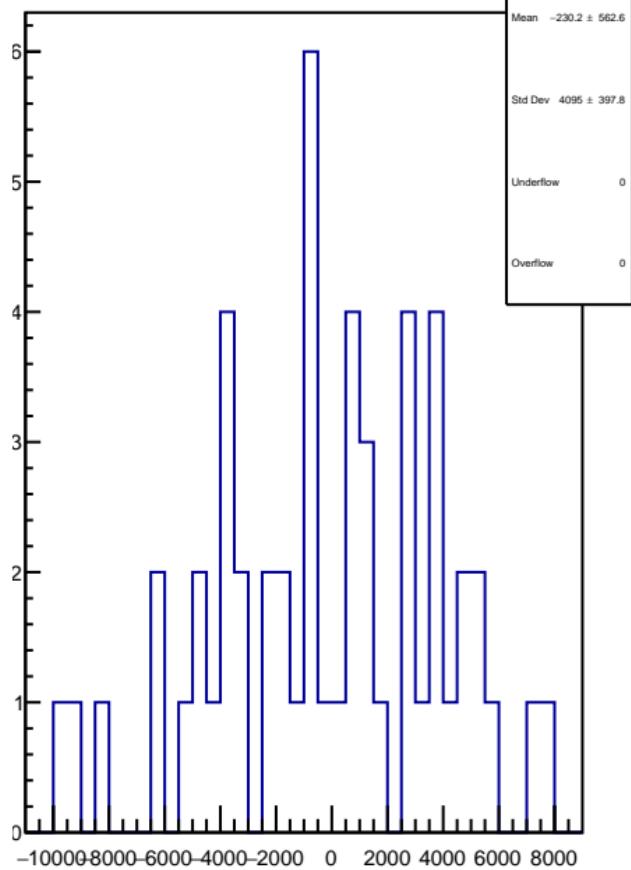
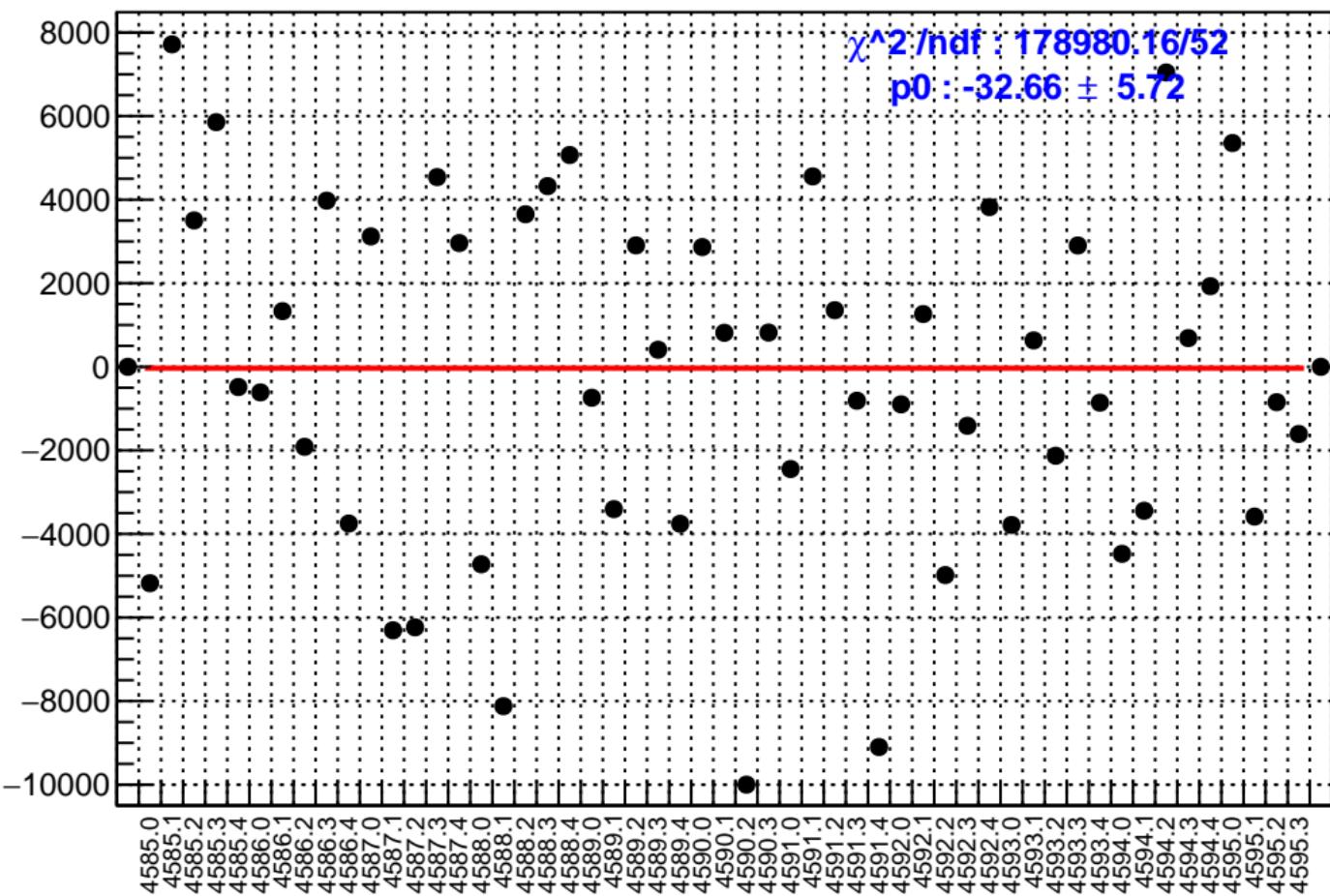


1D pull distribution

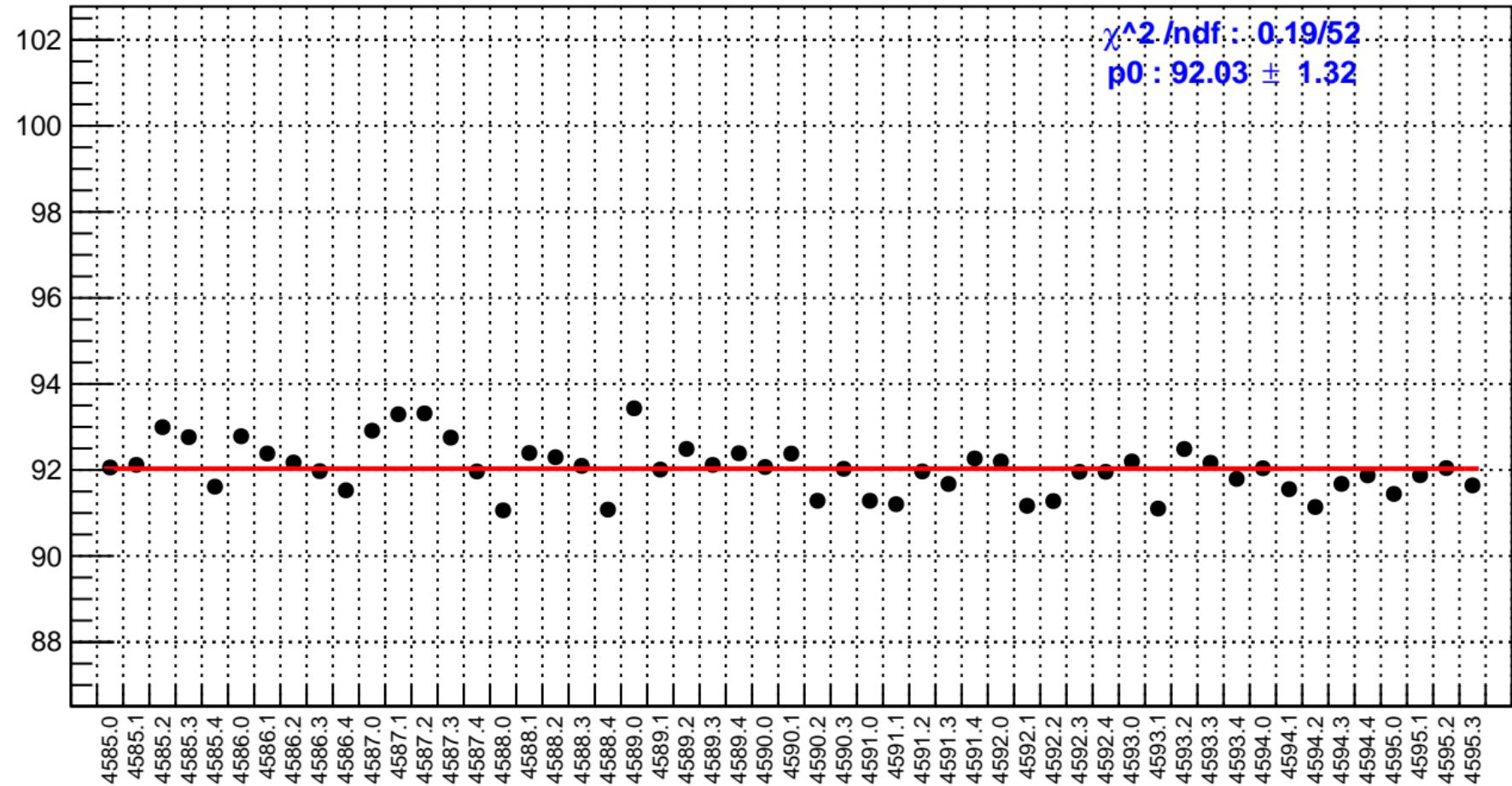


slug70: asym_us_dd.mean/ppb-reg_asym_us_dd.mean/ppb

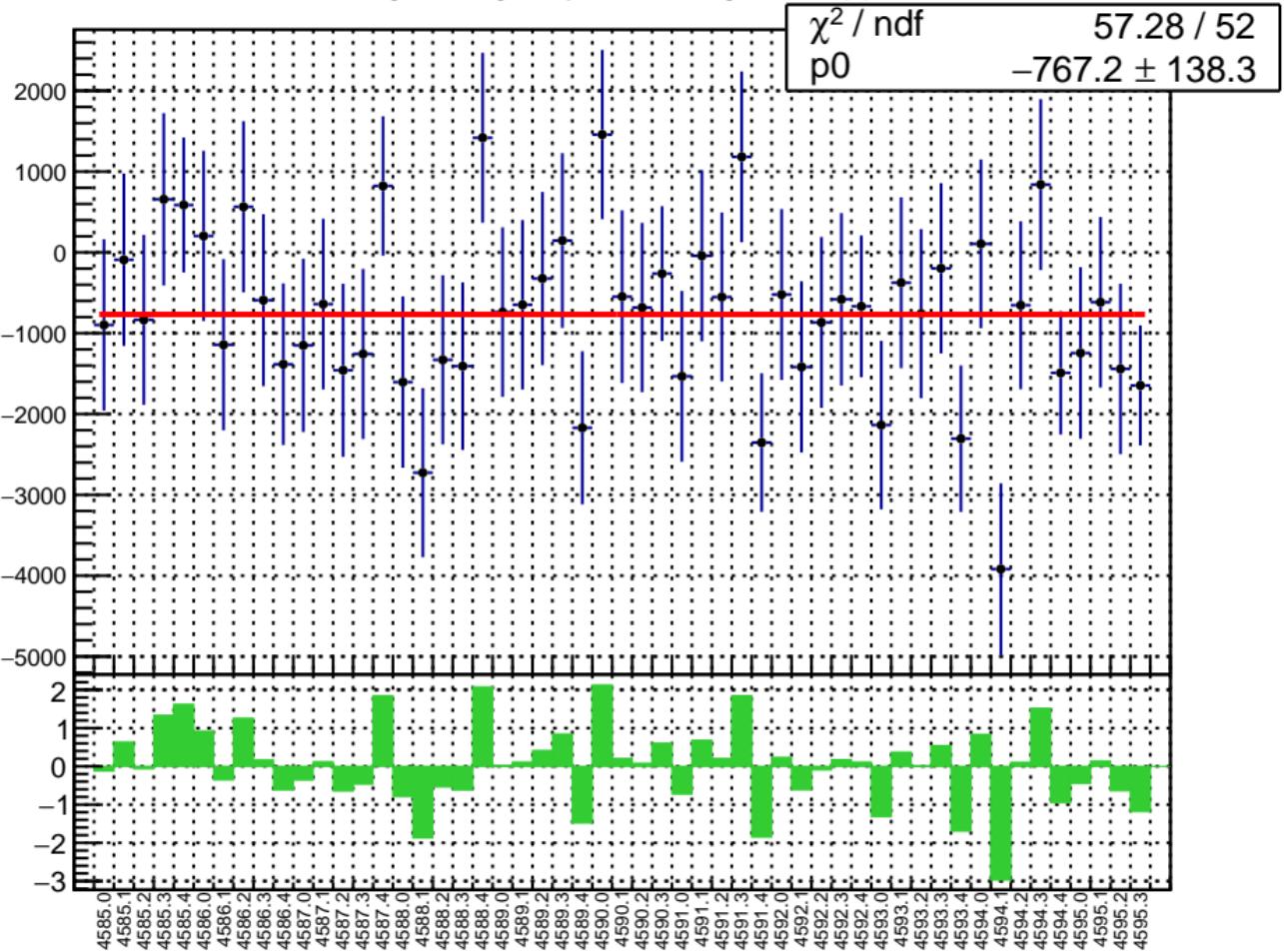
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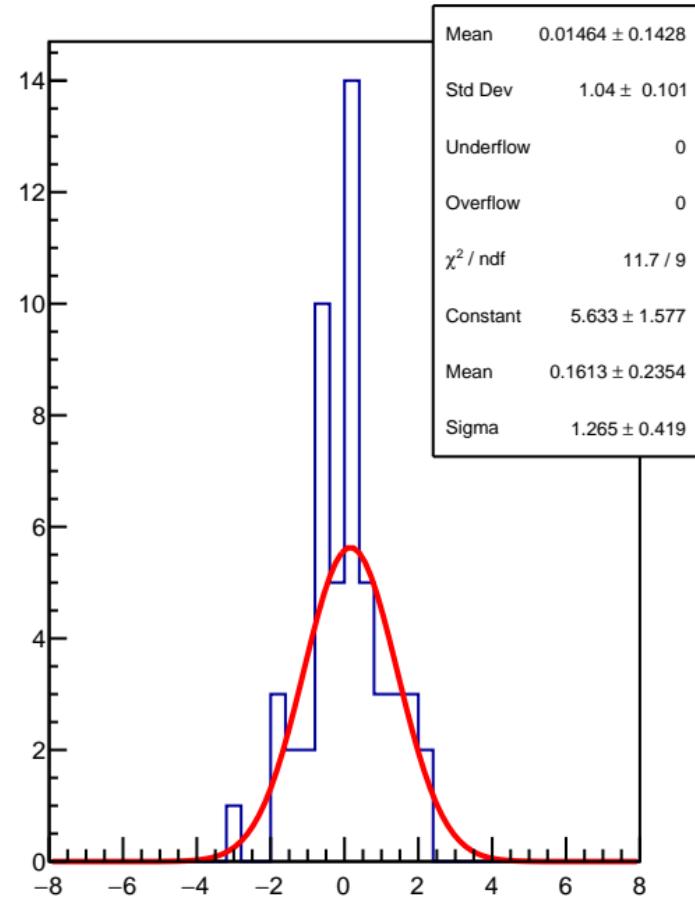
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slug70: reg_asym_ds_avg.mean/ppb

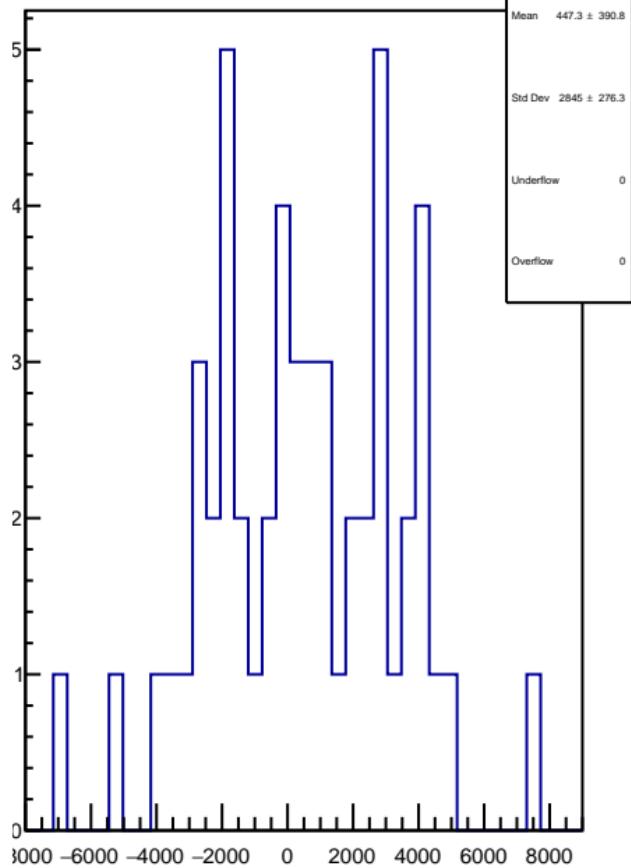
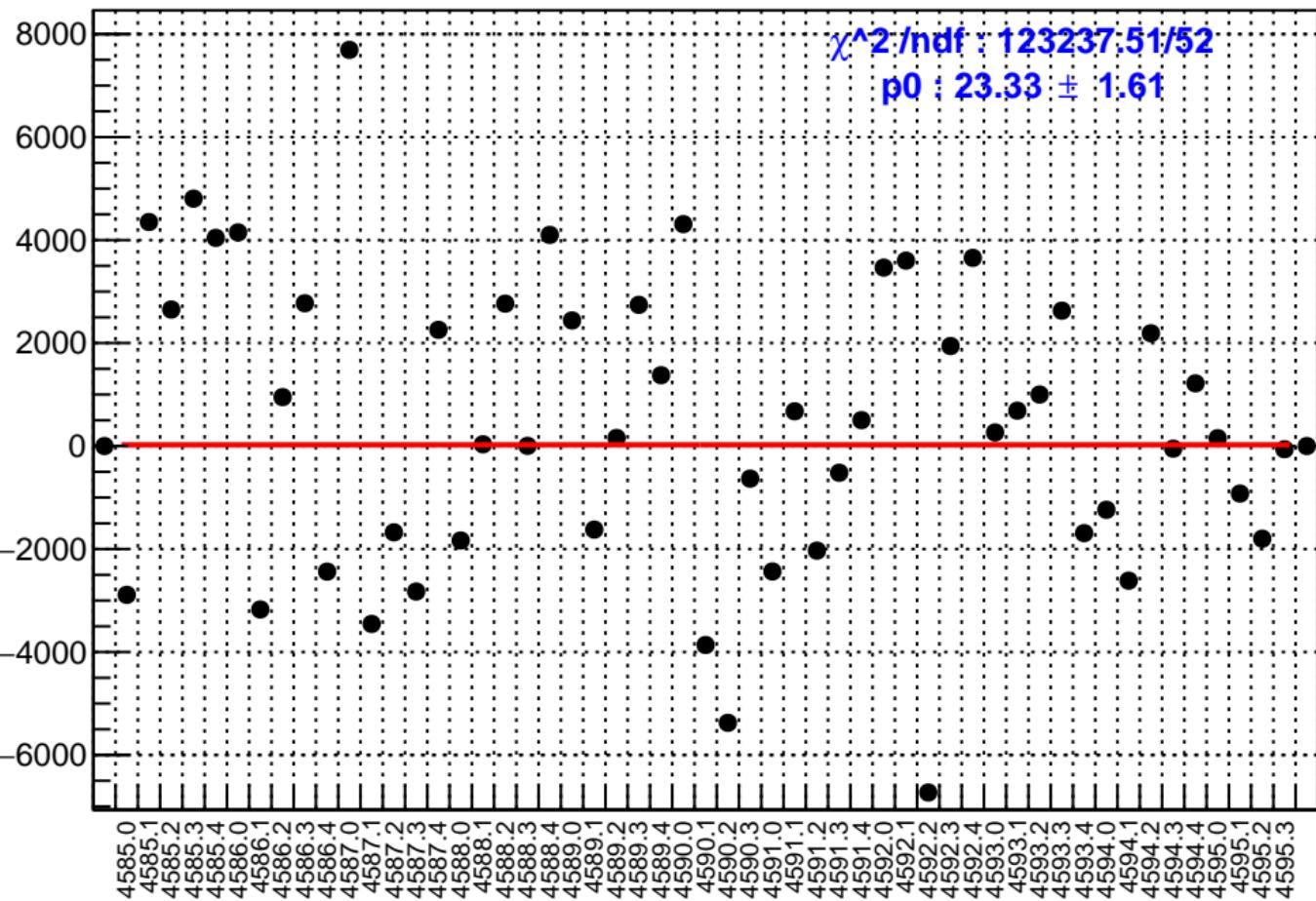


1D pull distribution

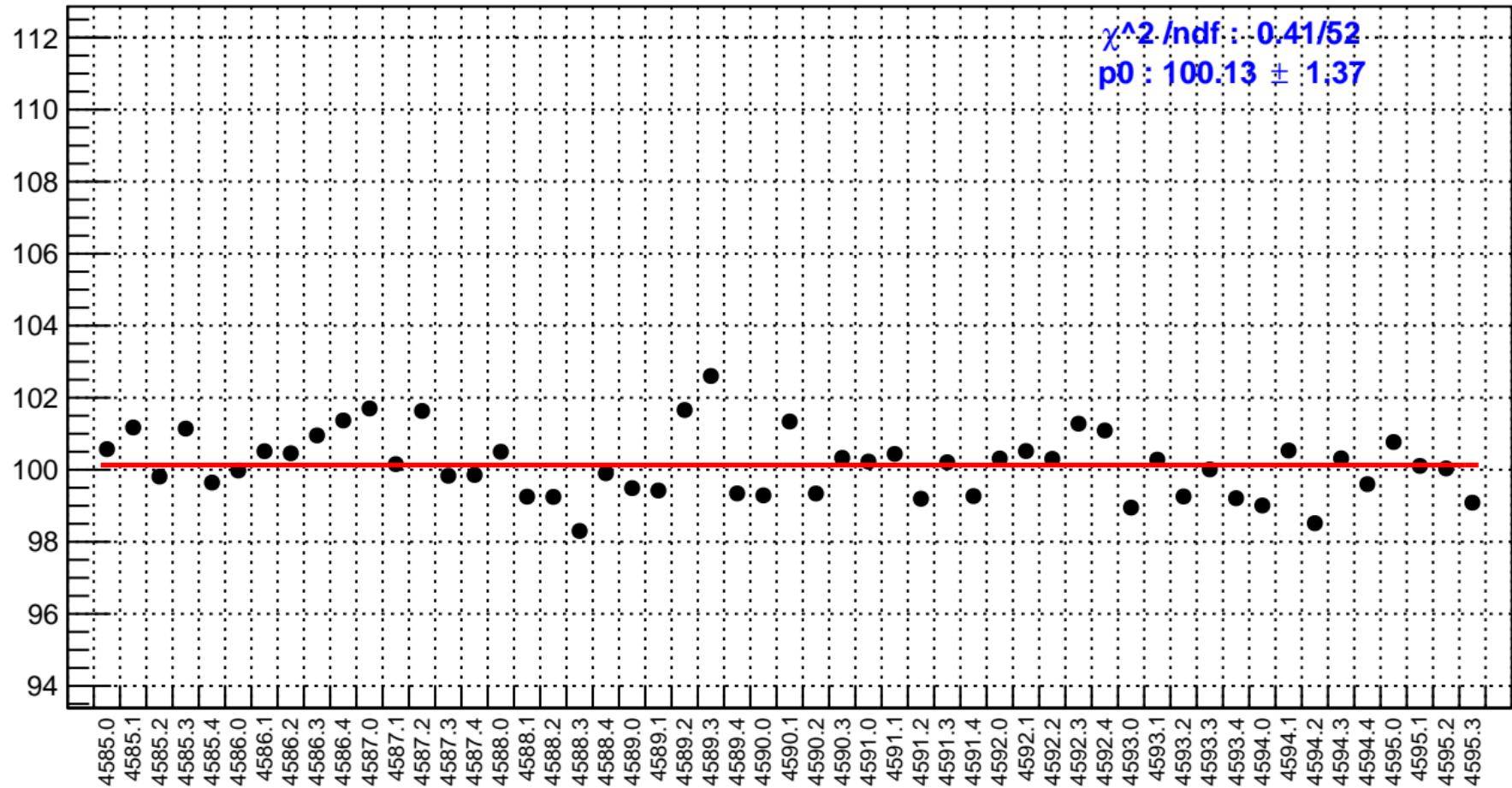


slug70: asym_ds_avg.mean/ppb-reg_asym_ds_avg.mean/ppb

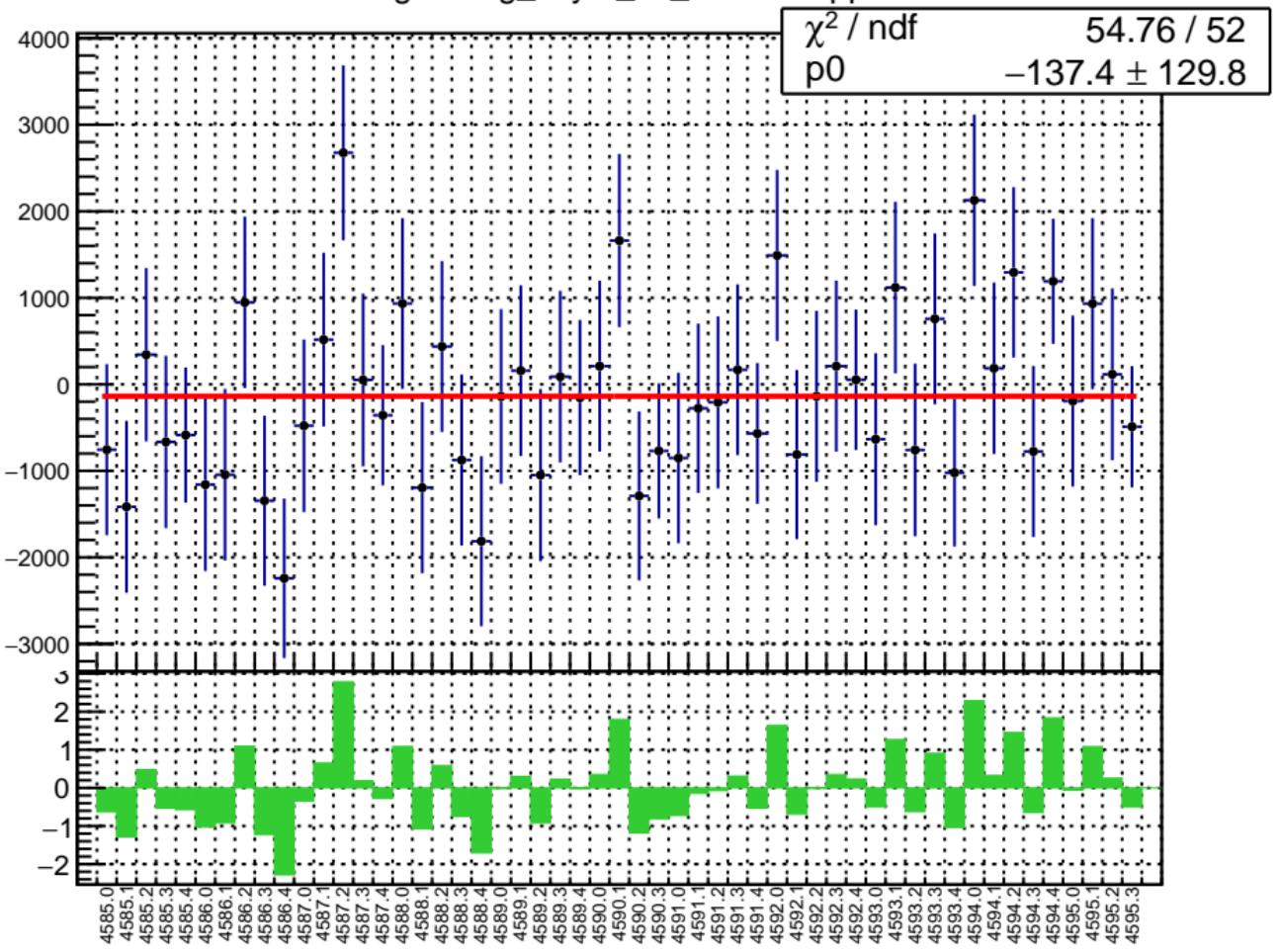
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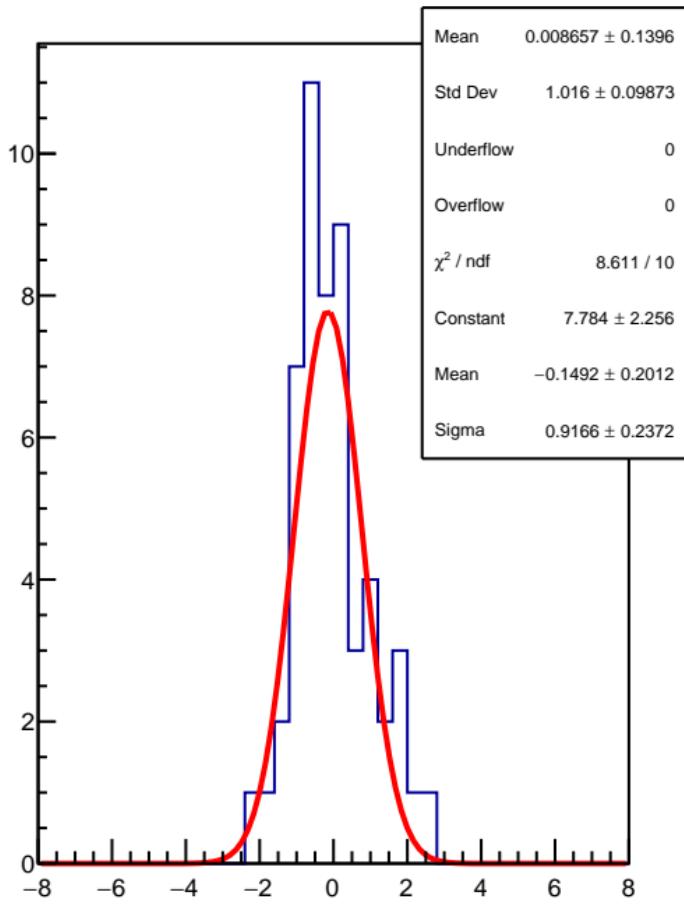
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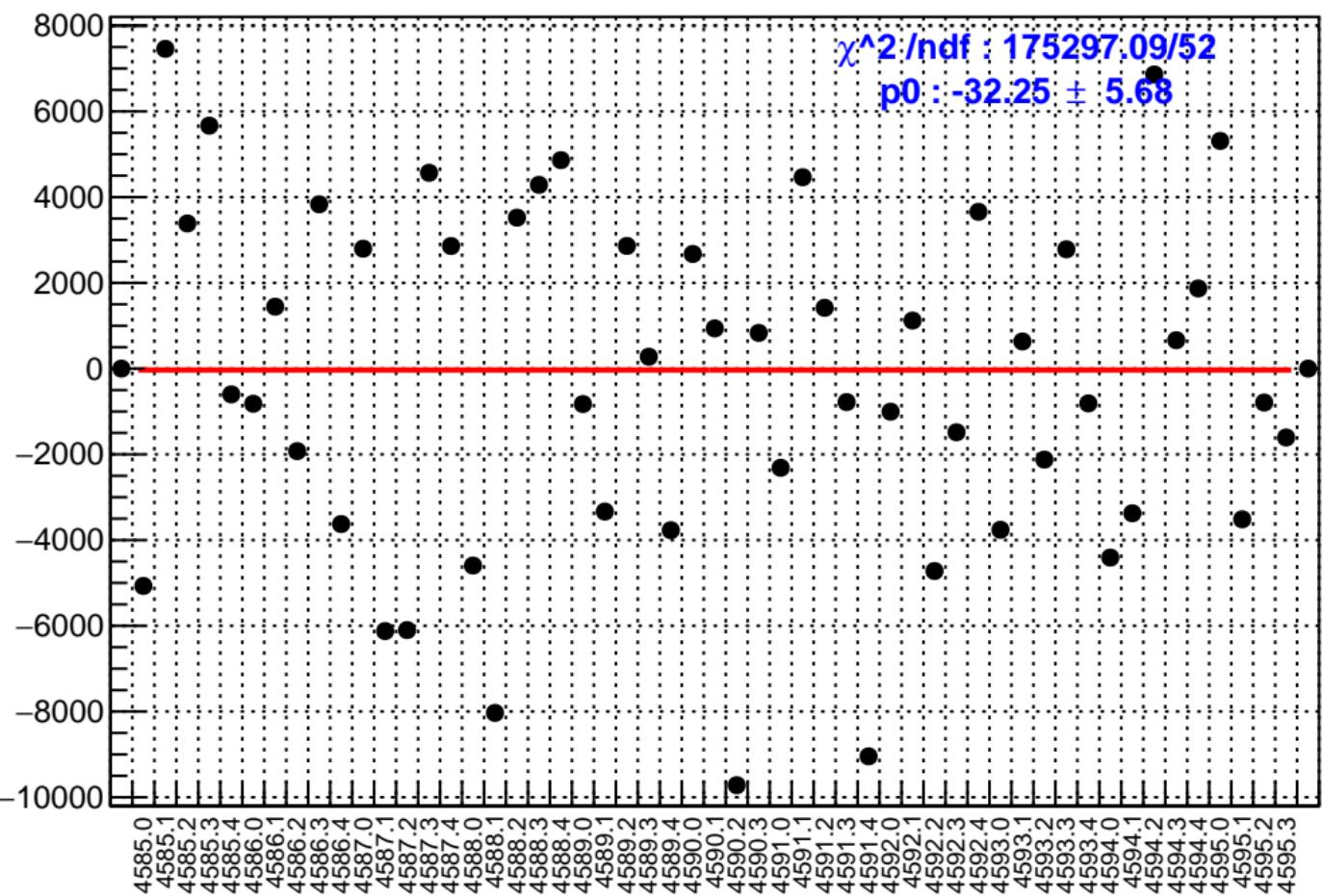
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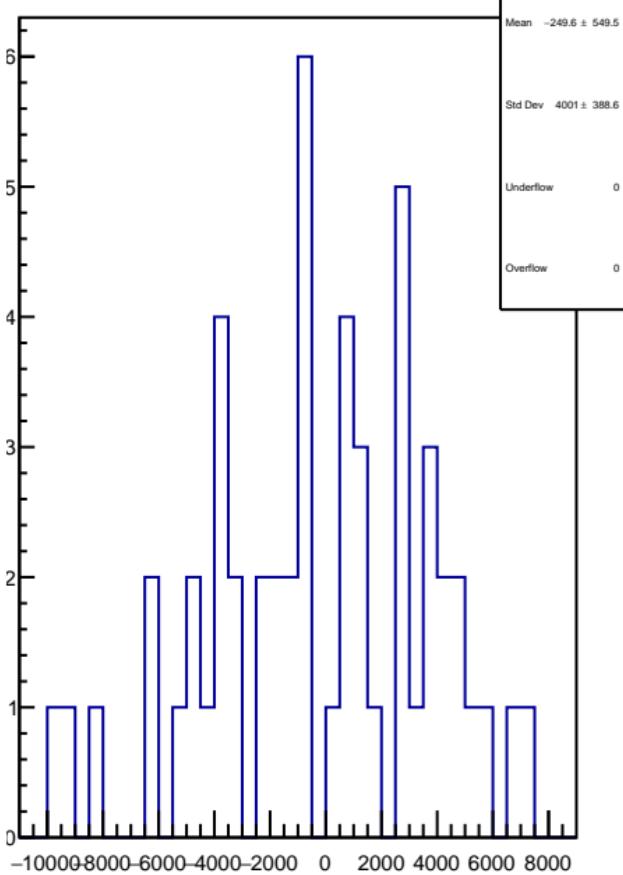
1D pull distribution



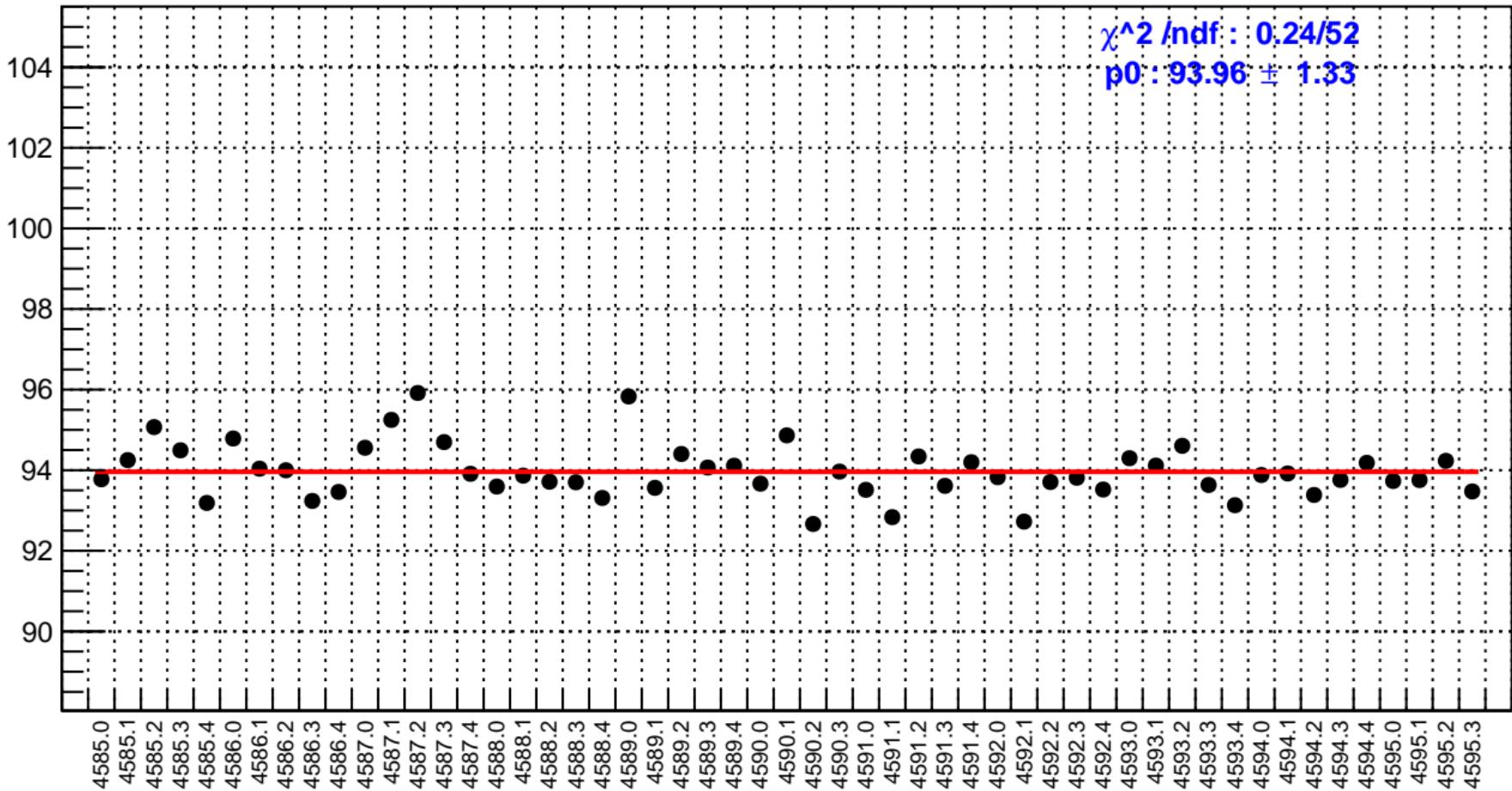
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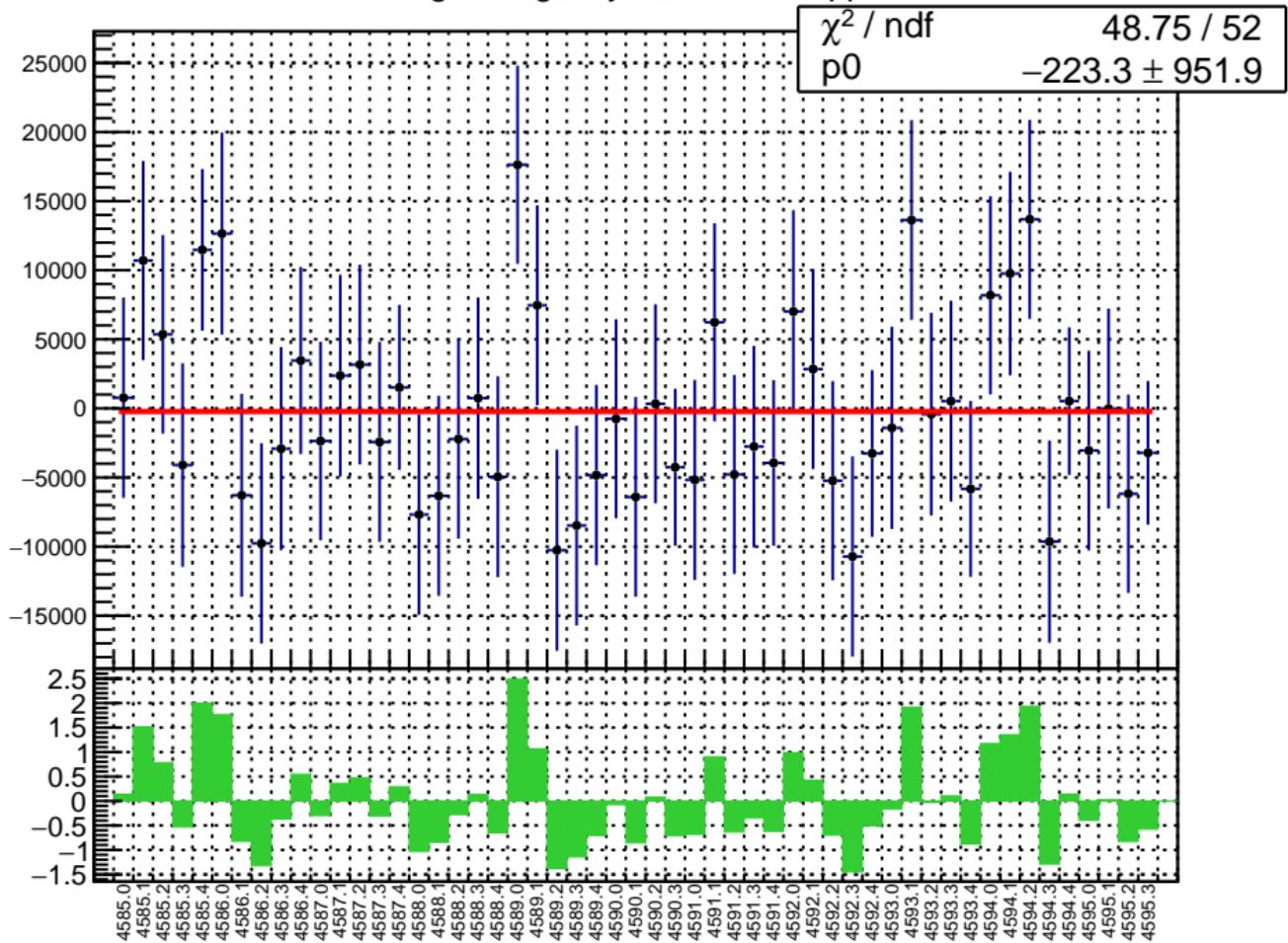
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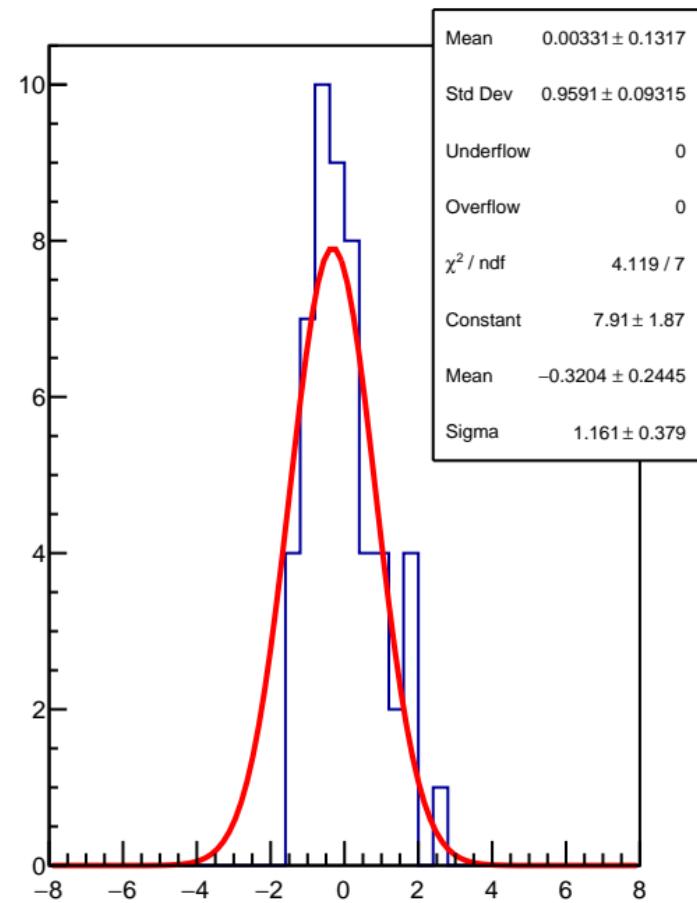
slug70: reg_asym.ds_dd.rms/ppm



slug70: reg_asym_atl1.mean/ppb

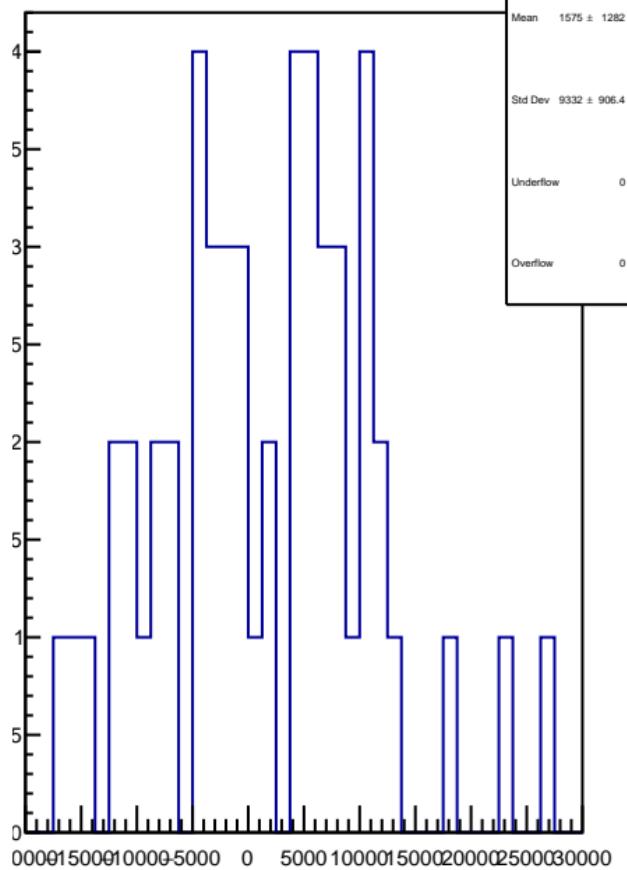
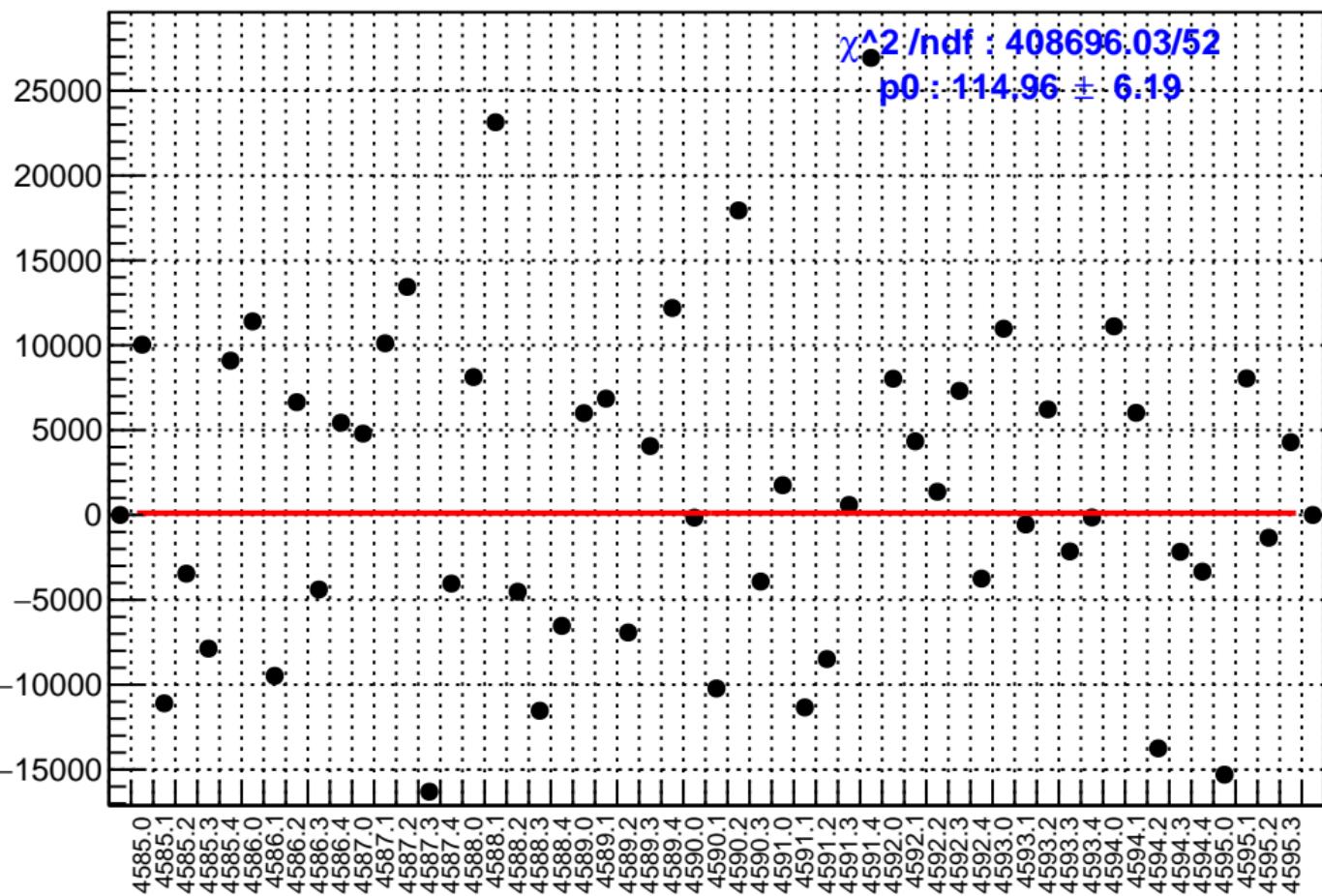


1D pull distribution

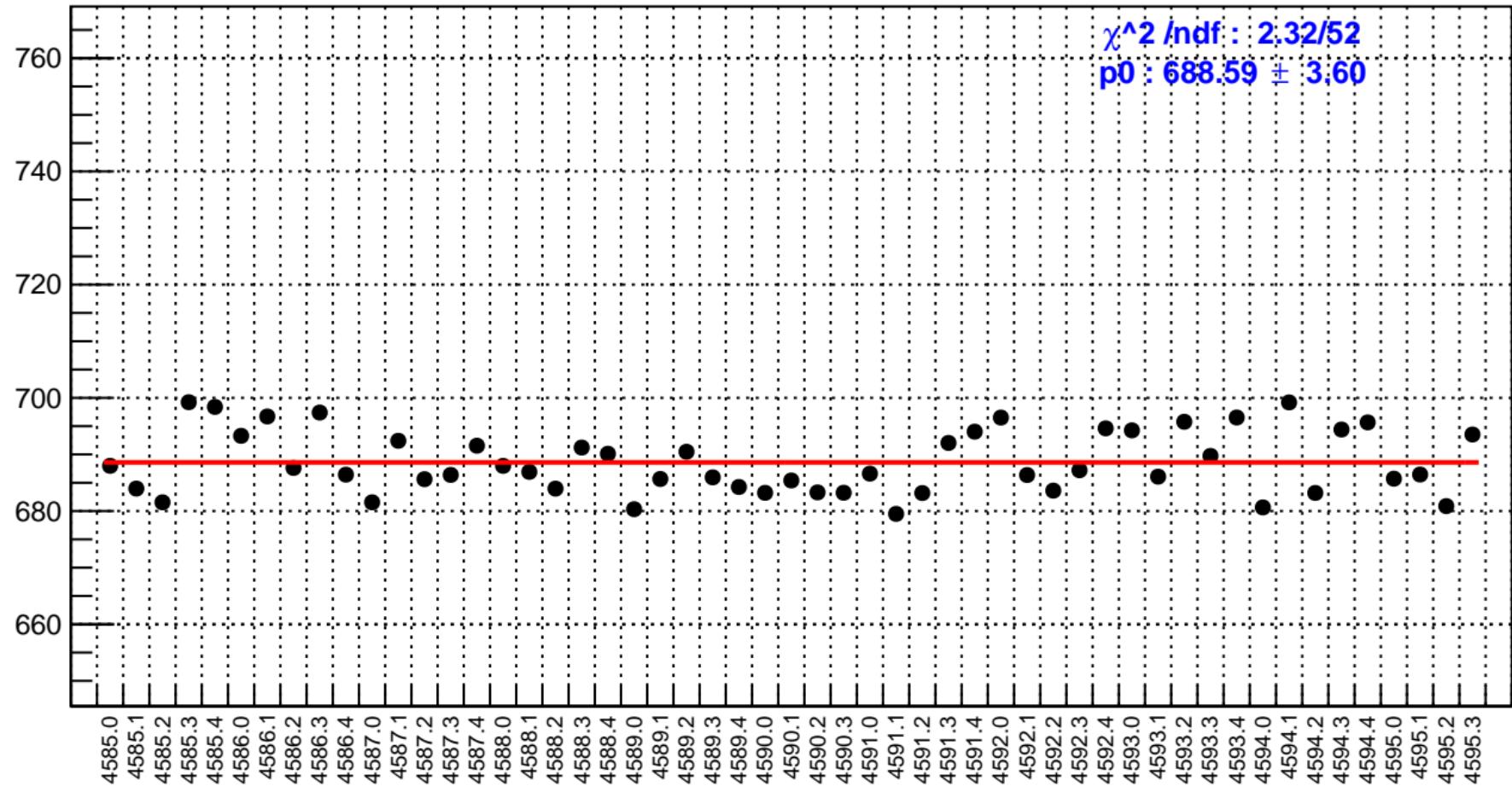


slug70: asym_atl1.mean/ppb-reg_asym_atl1.mean/ppb

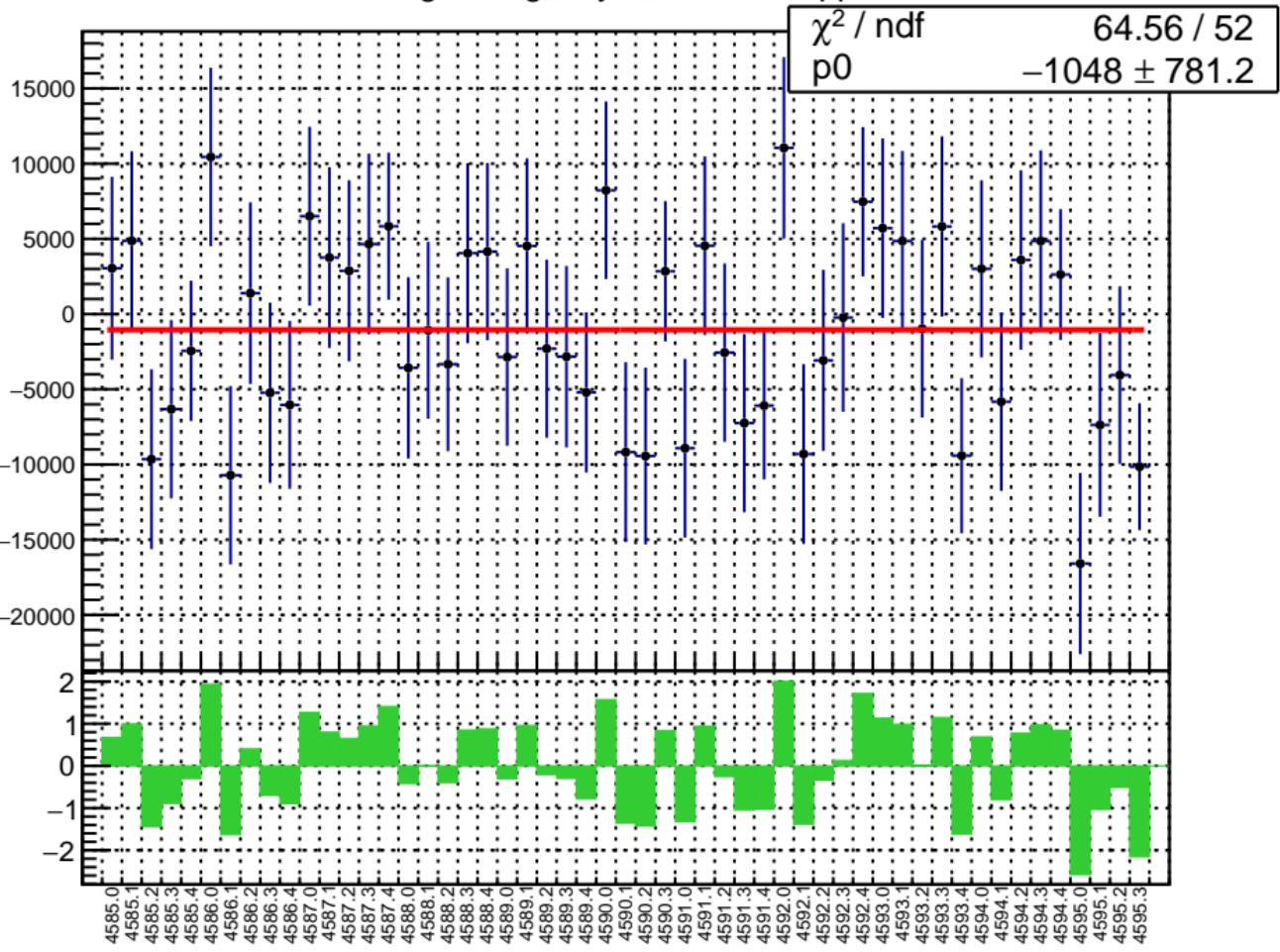
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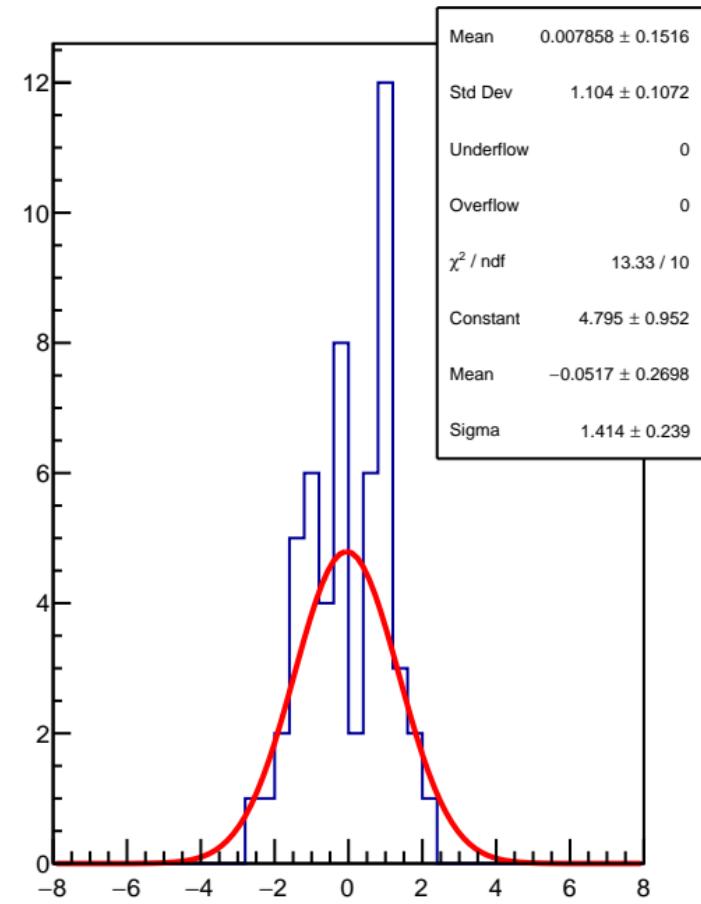
slug70: reg_asym_atl1.rms/ppm



slug70: reg_asym_atl2.mean/ppb

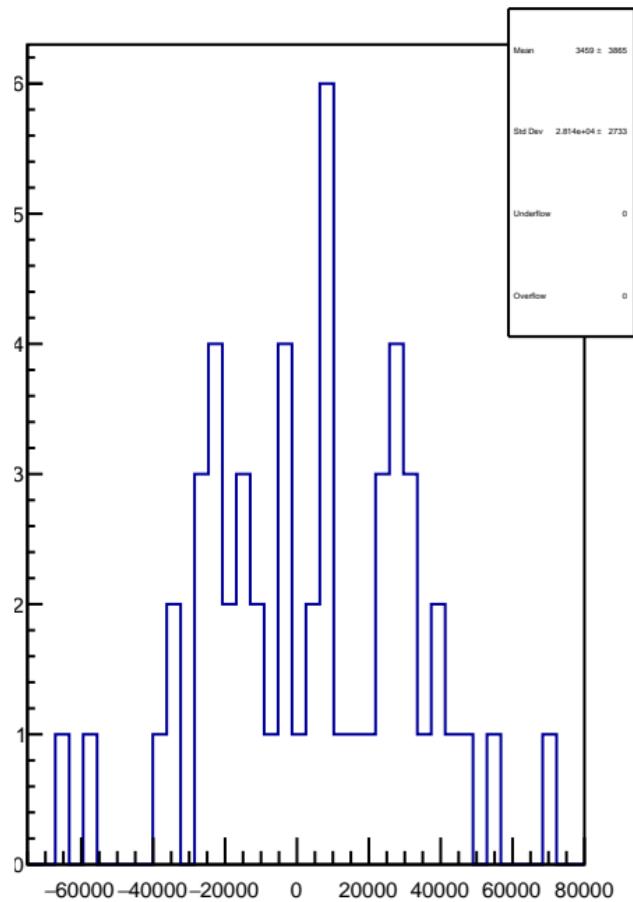
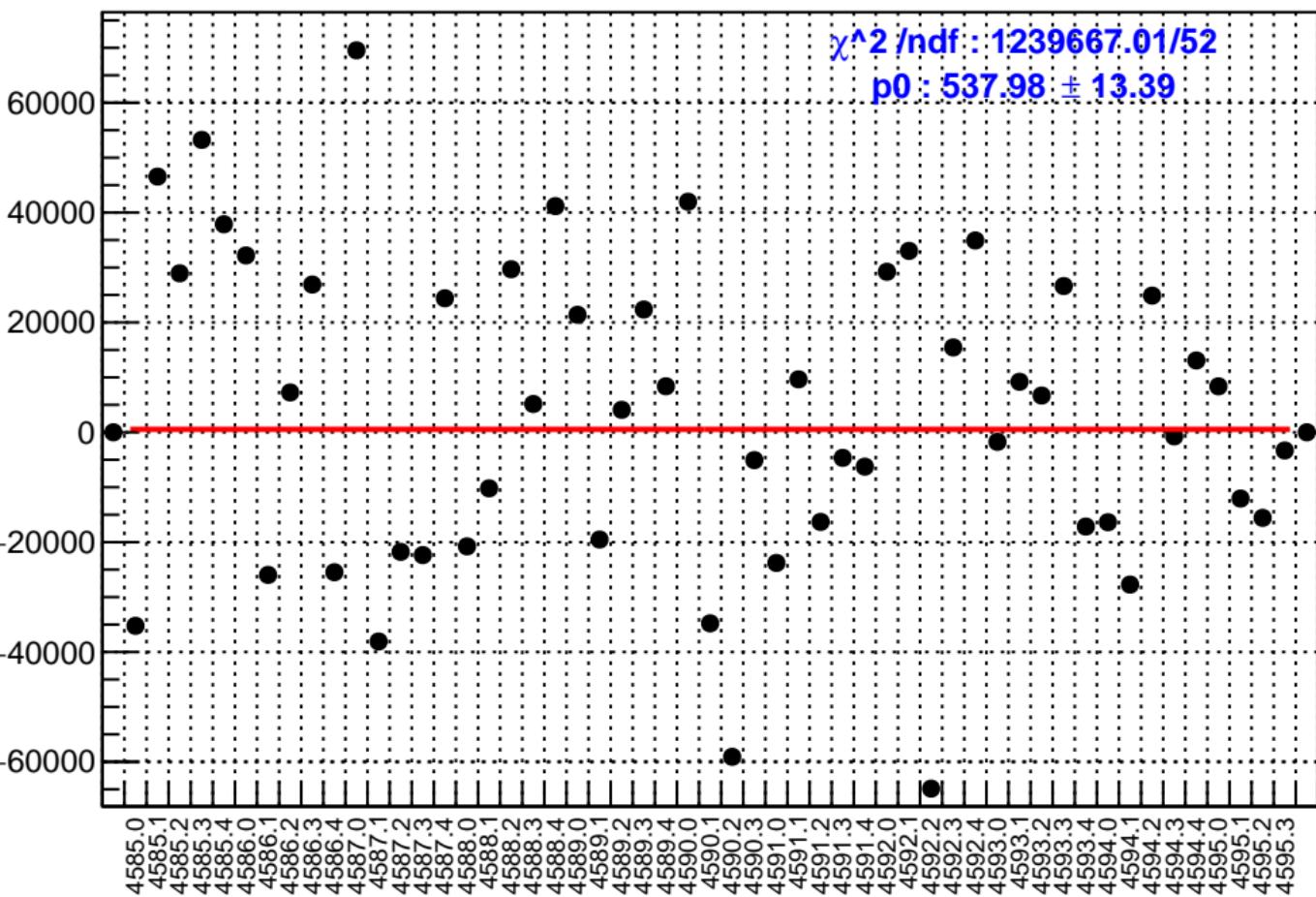


1D pull distribution

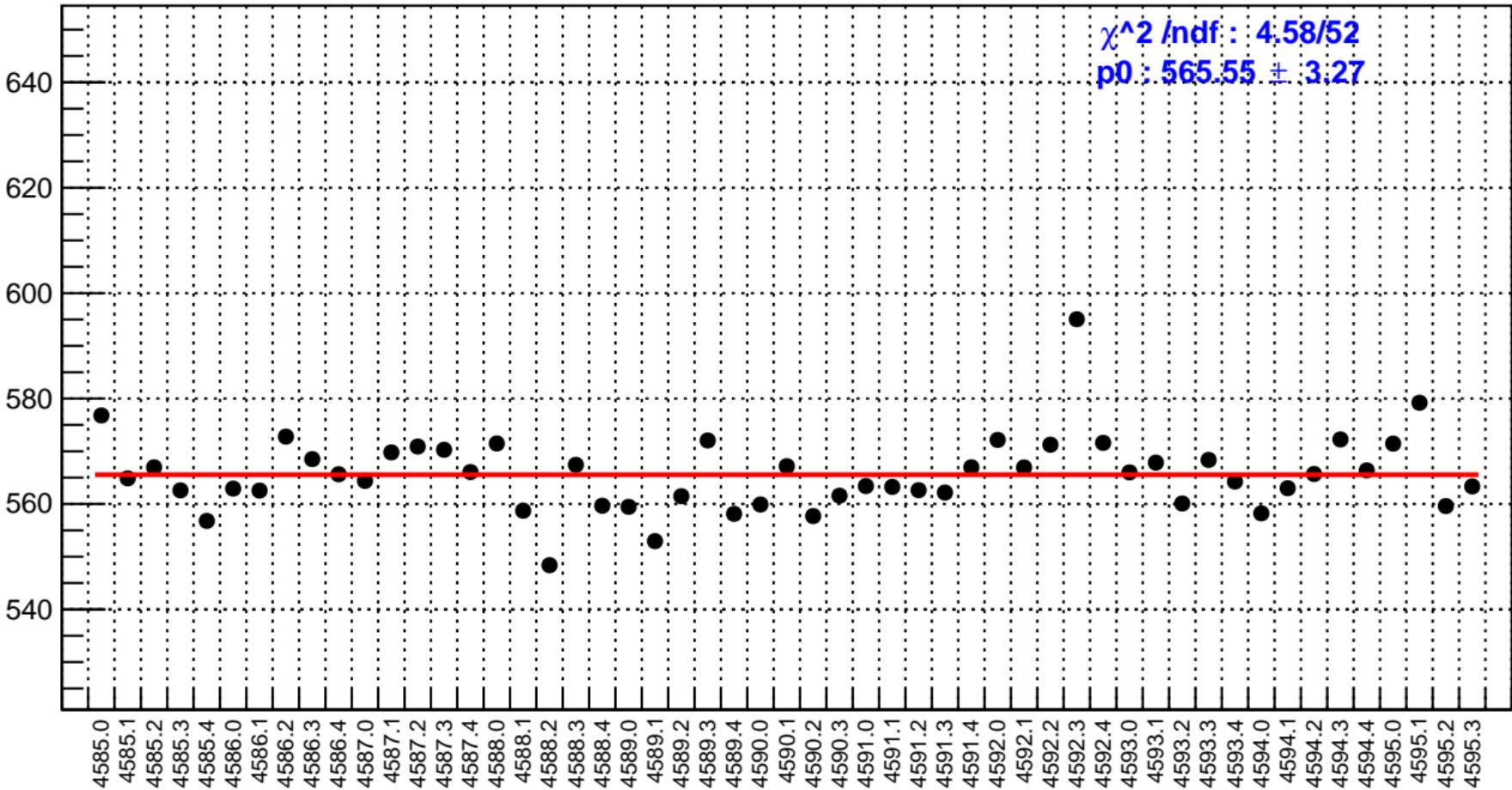


slug70: asym_atl2.mean/ppb-reg_asym_atl2.mean/ppb

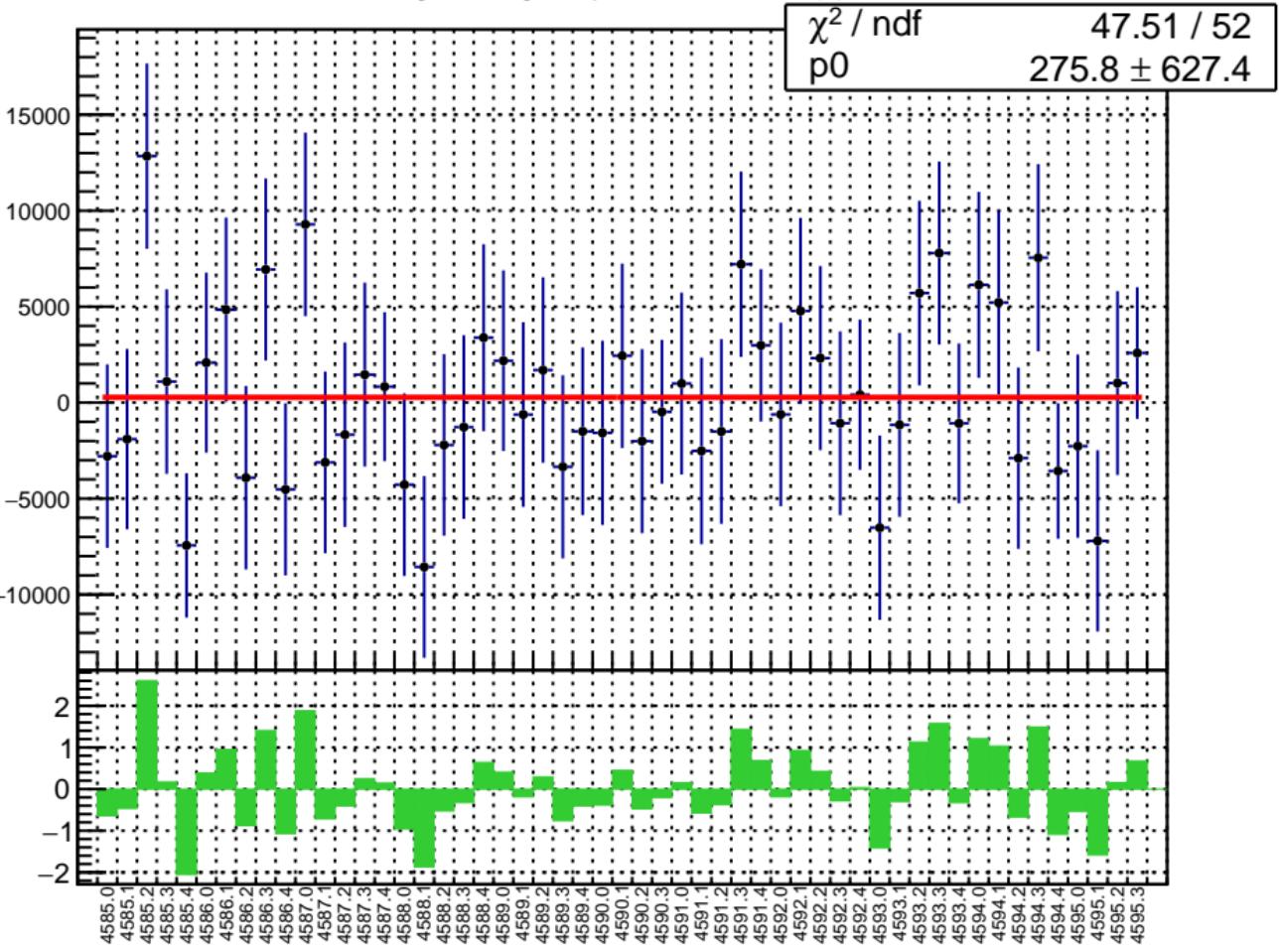
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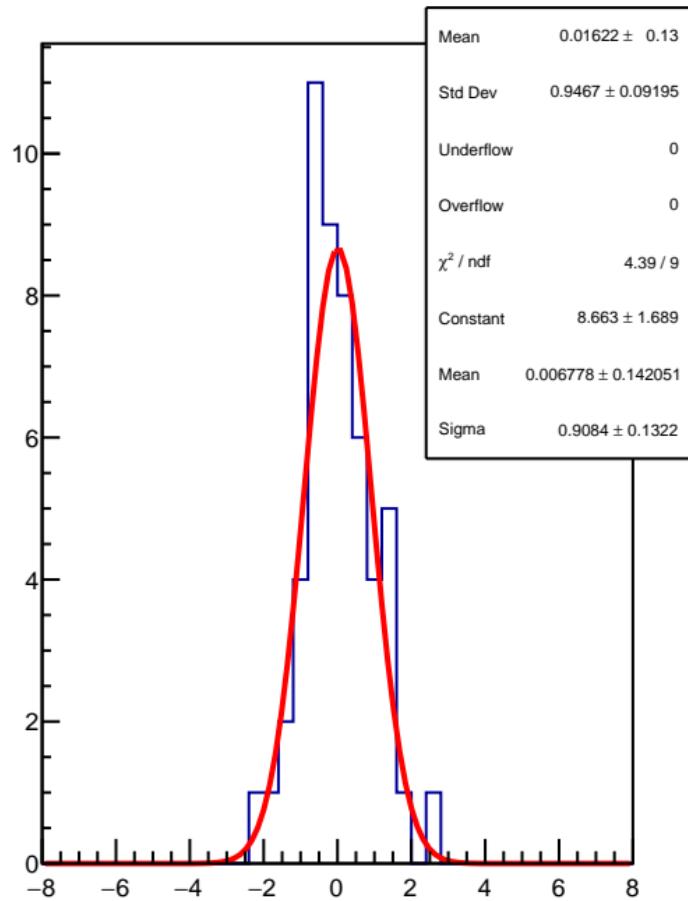
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slug70: reg_asym_atr1.mean/ppb

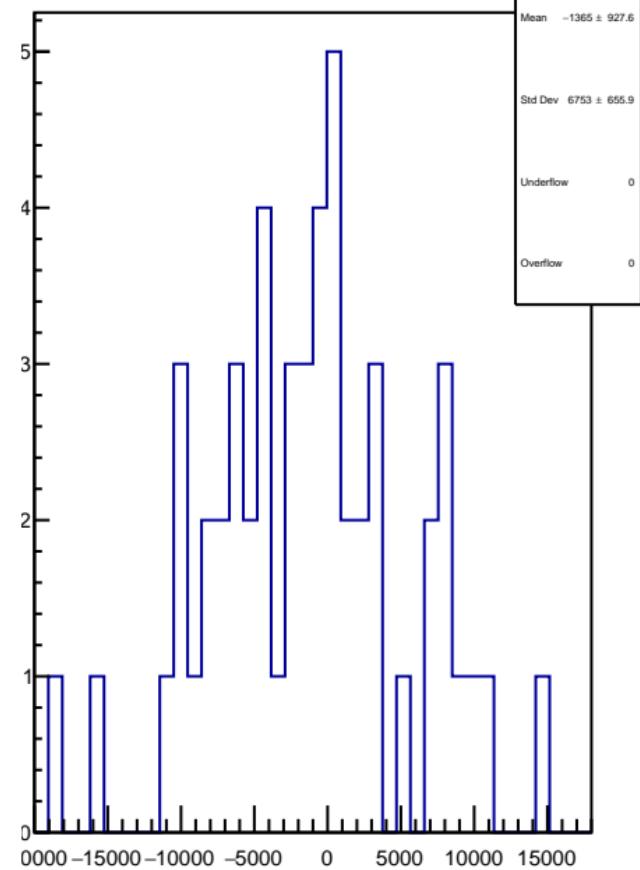
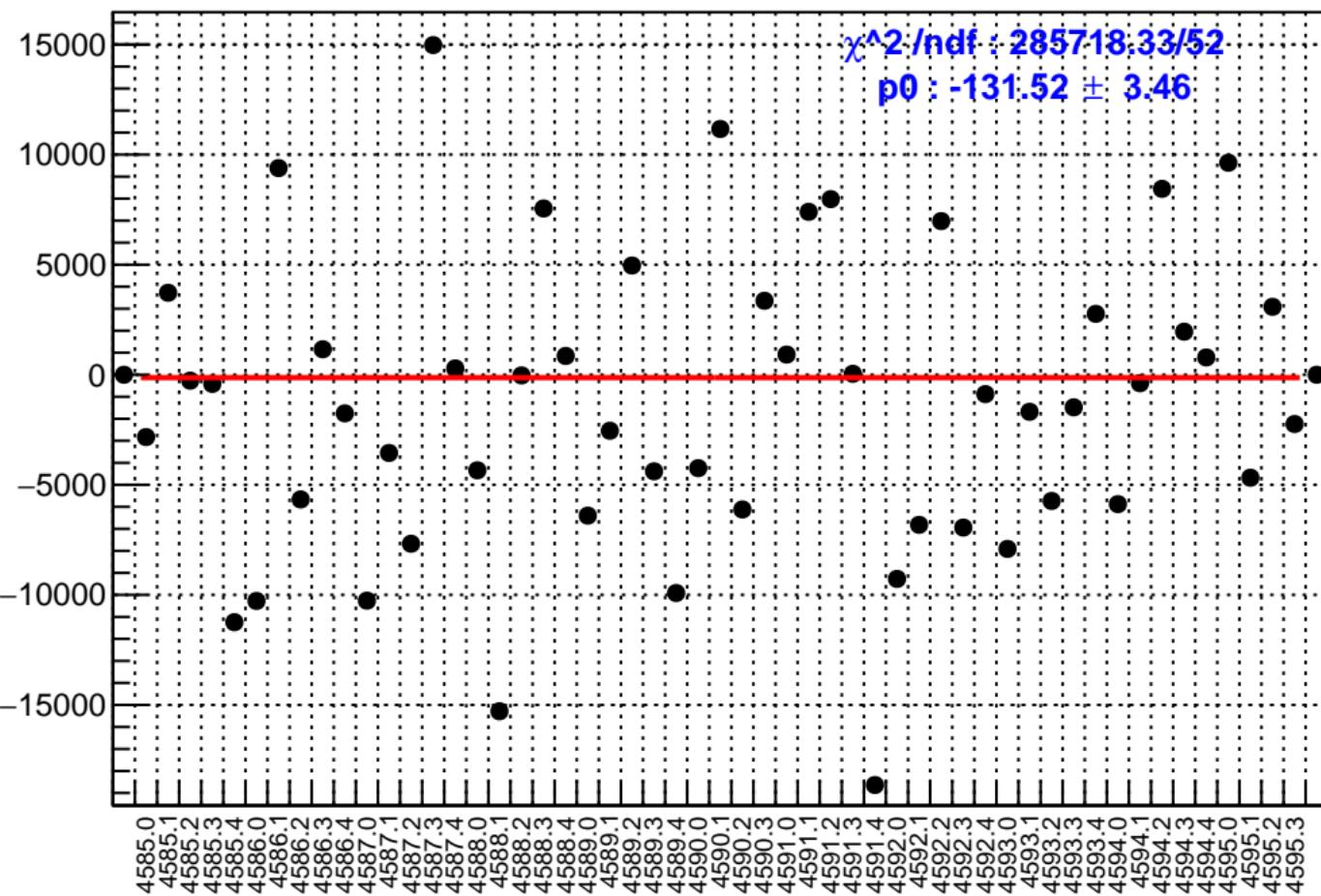


1D pull distribution

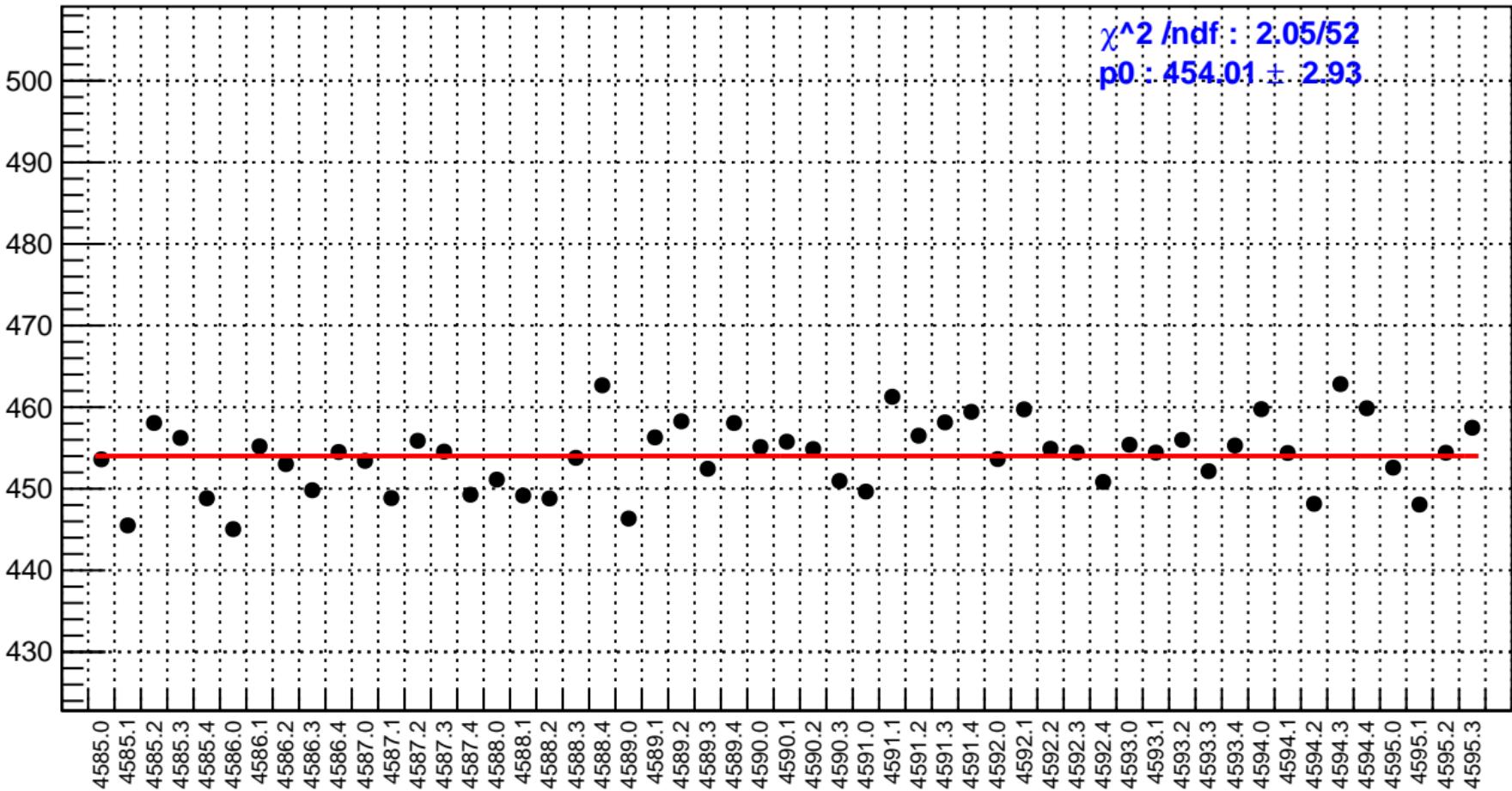


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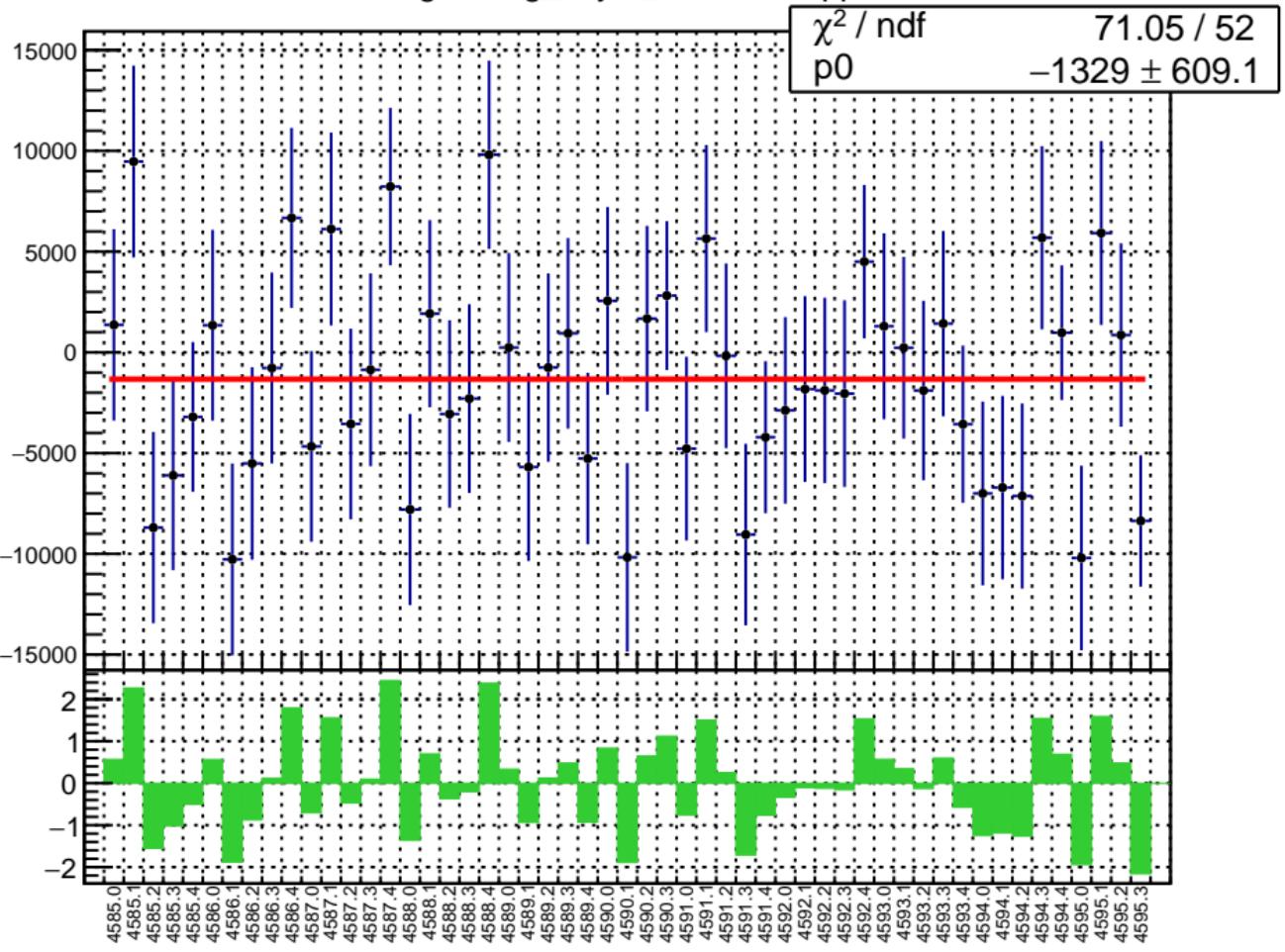
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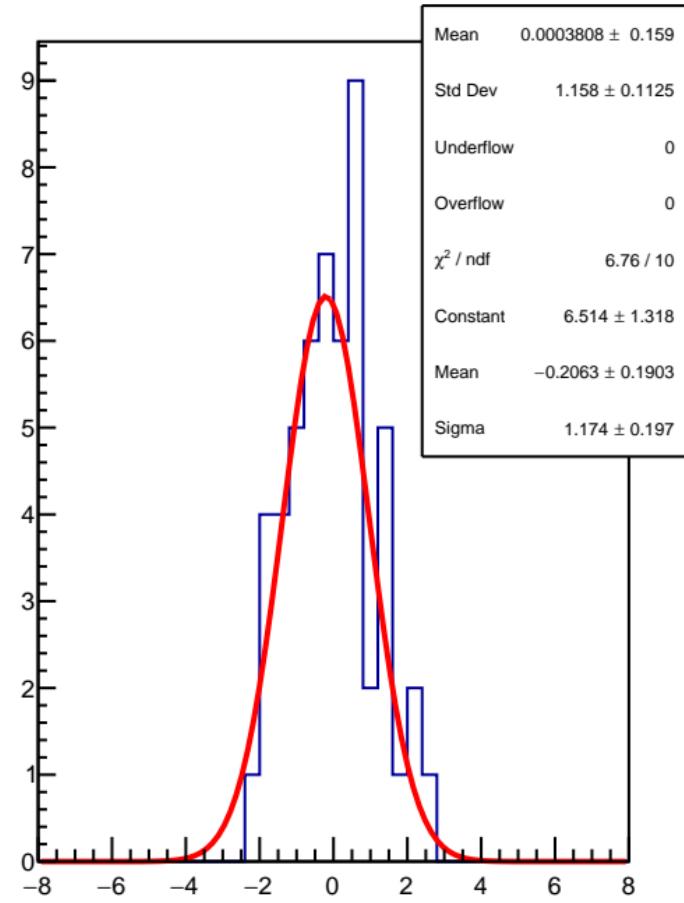
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slug70: reg_asym_atr2.mean/ppb

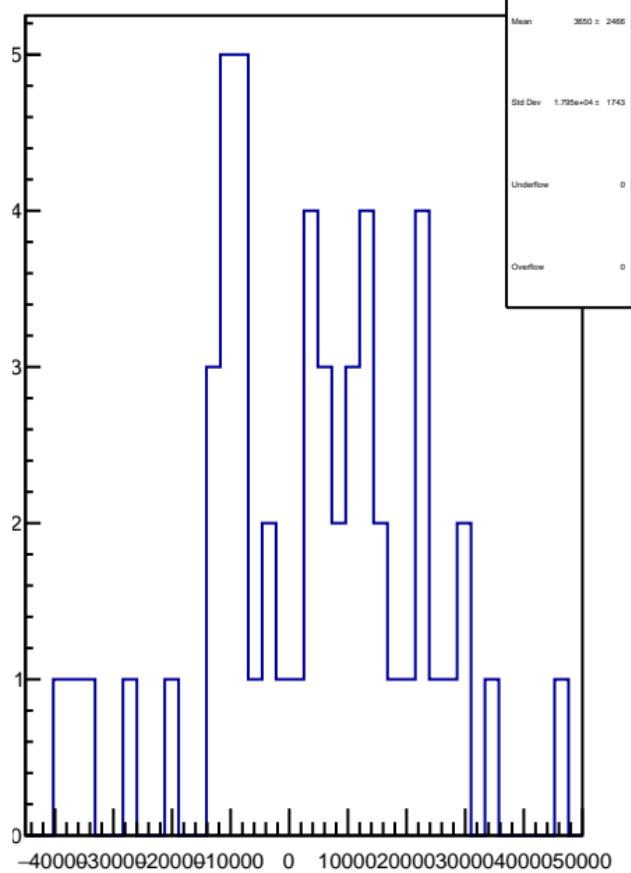
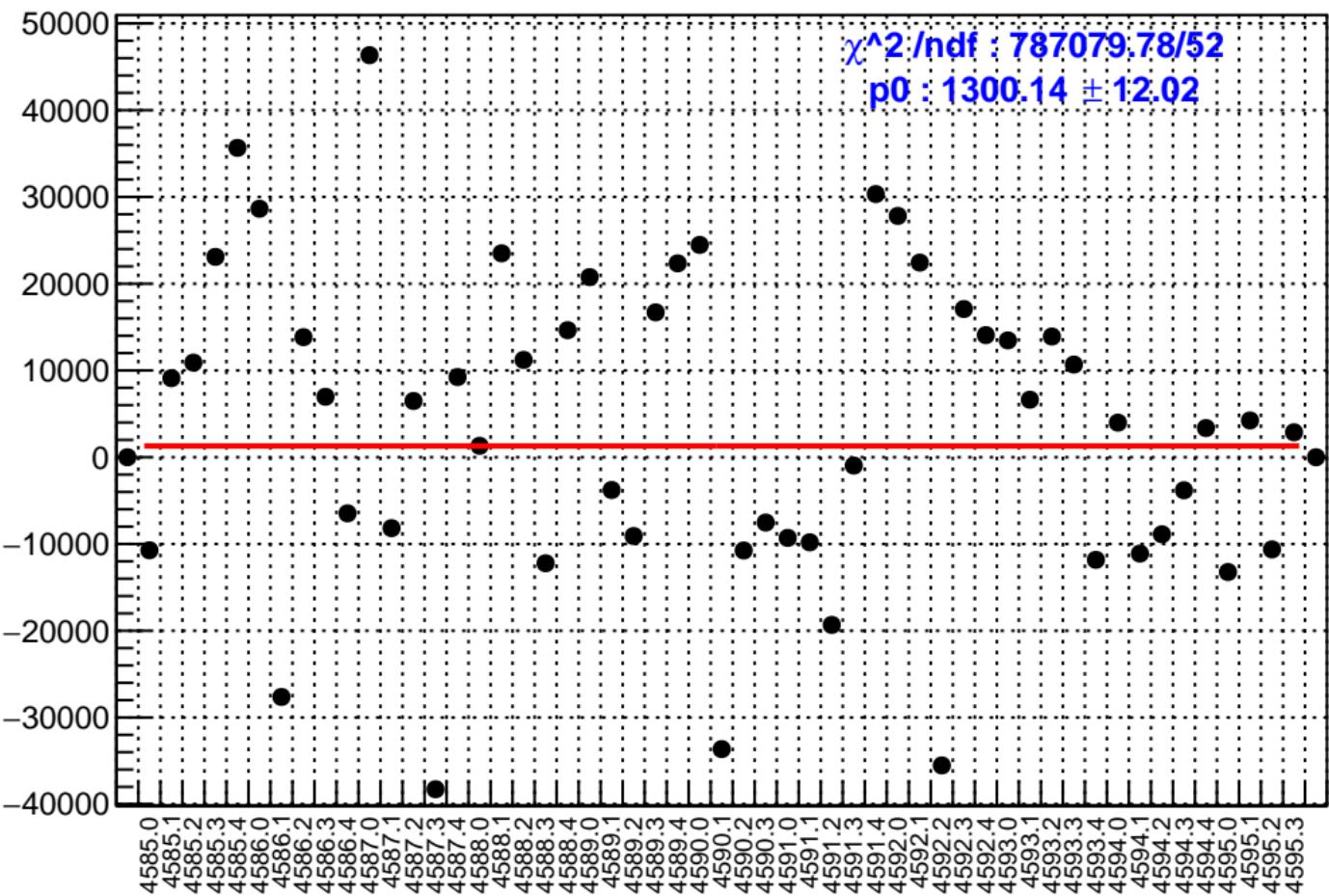


1D pull distribution

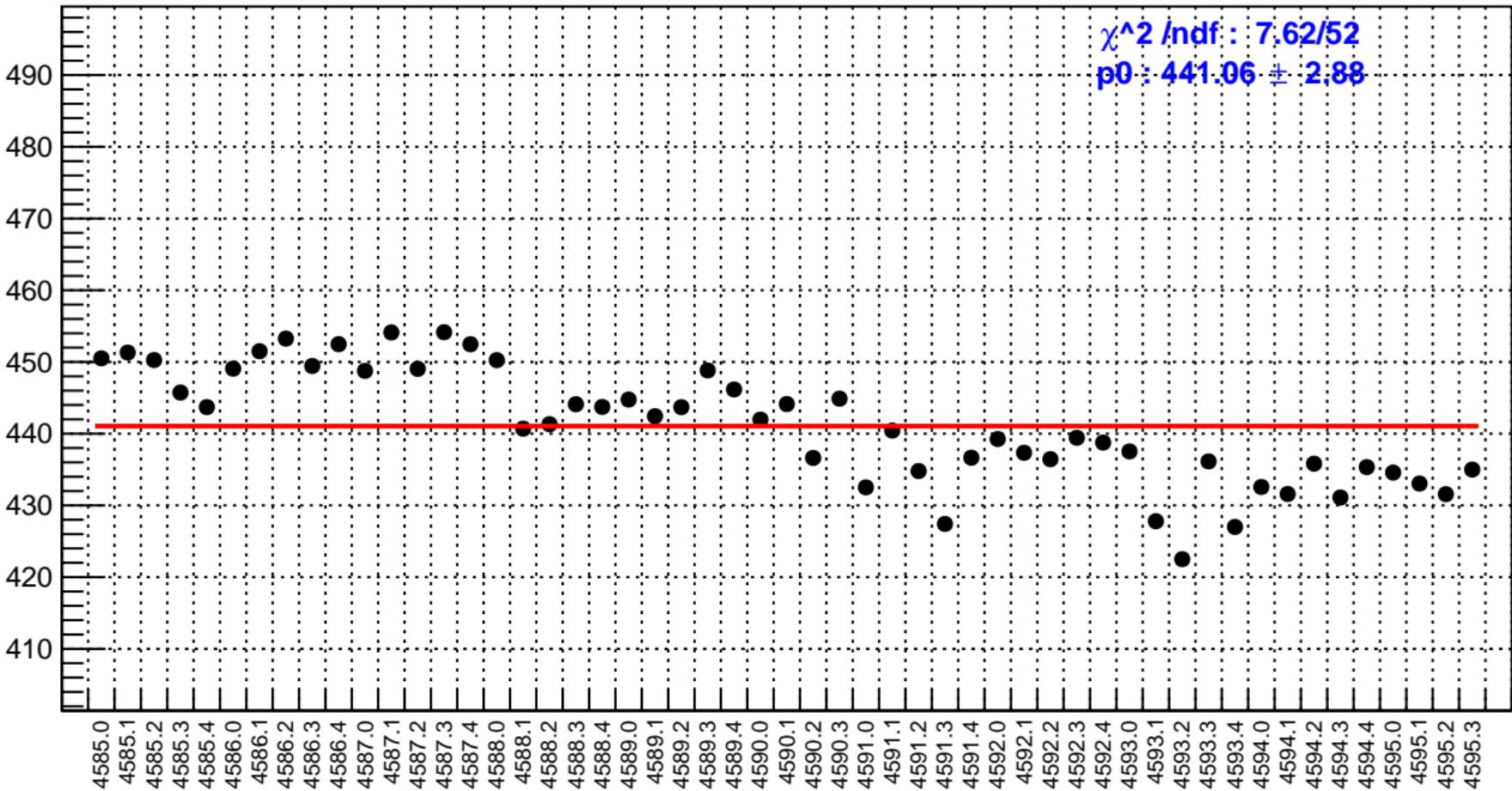


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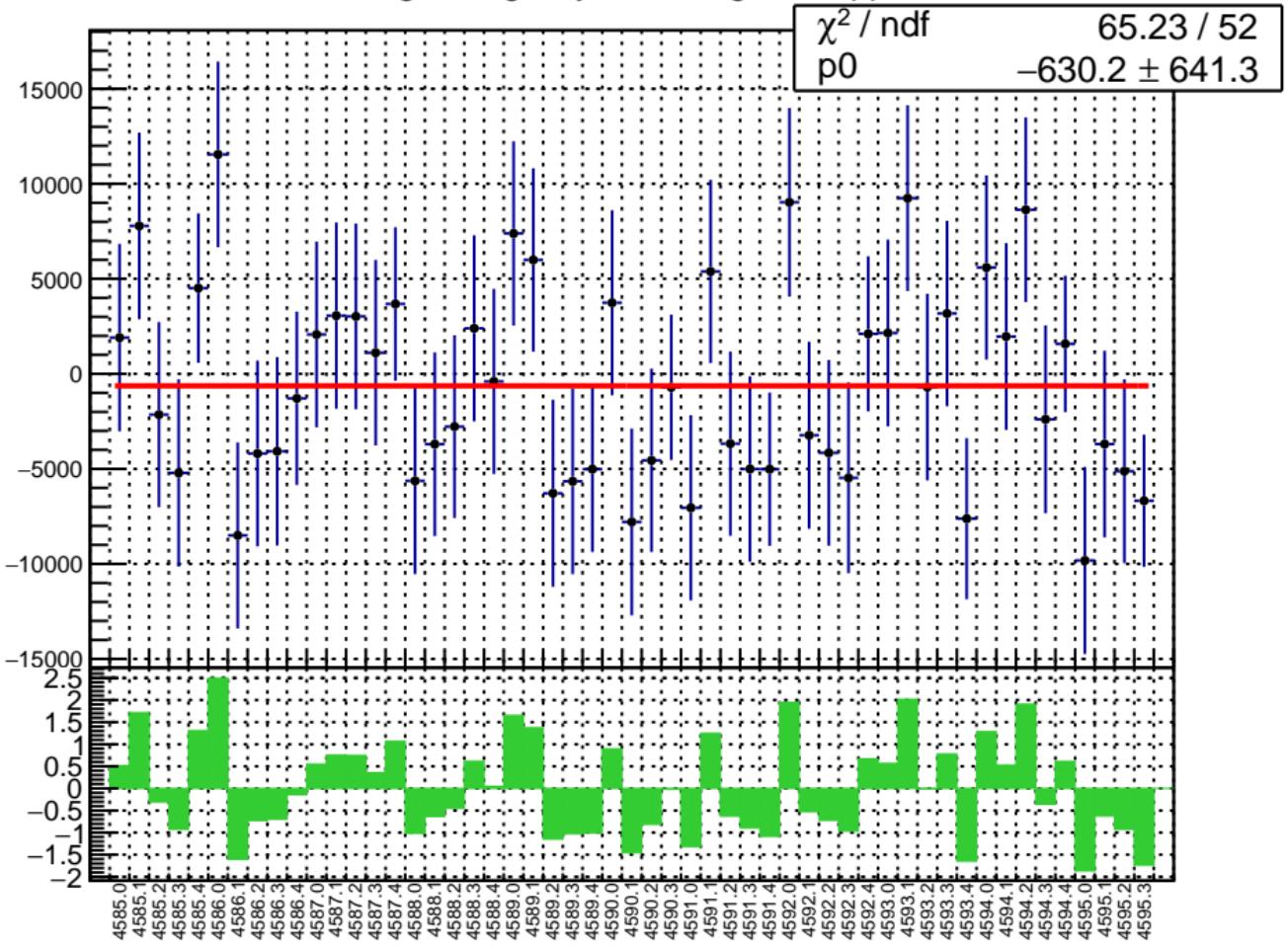
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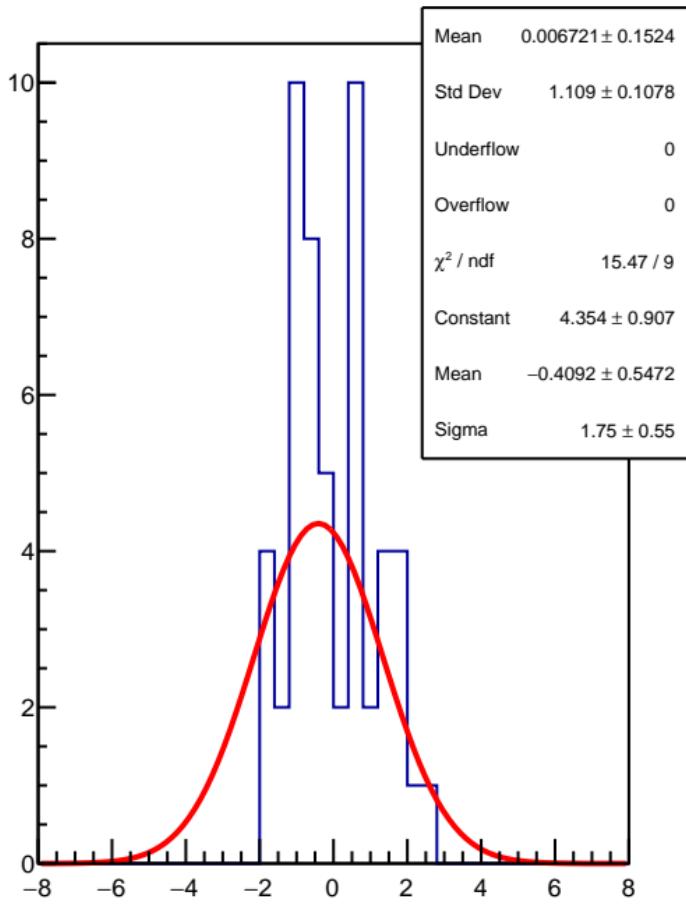
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slug70: reg_asym_atl_avg.mean/ppb

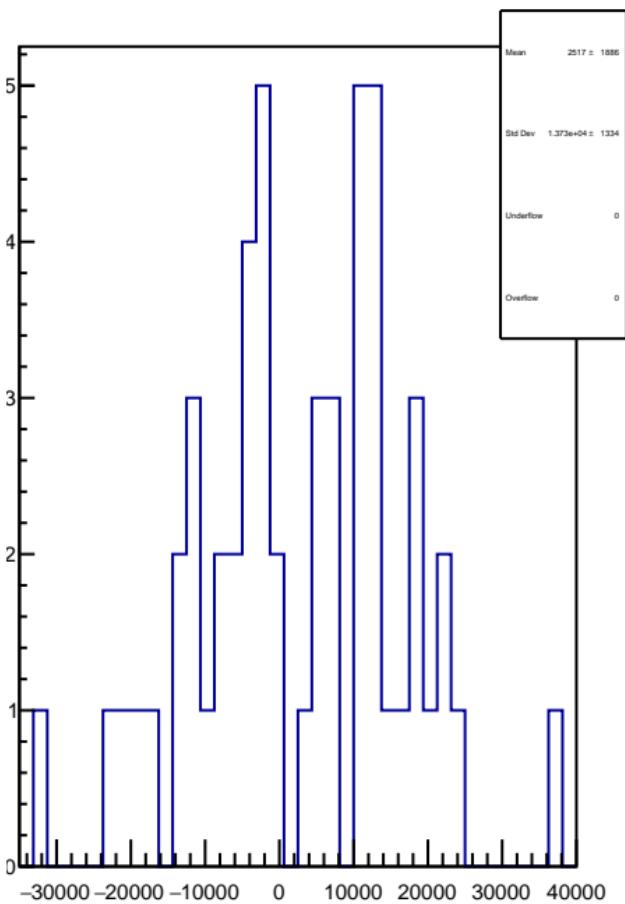
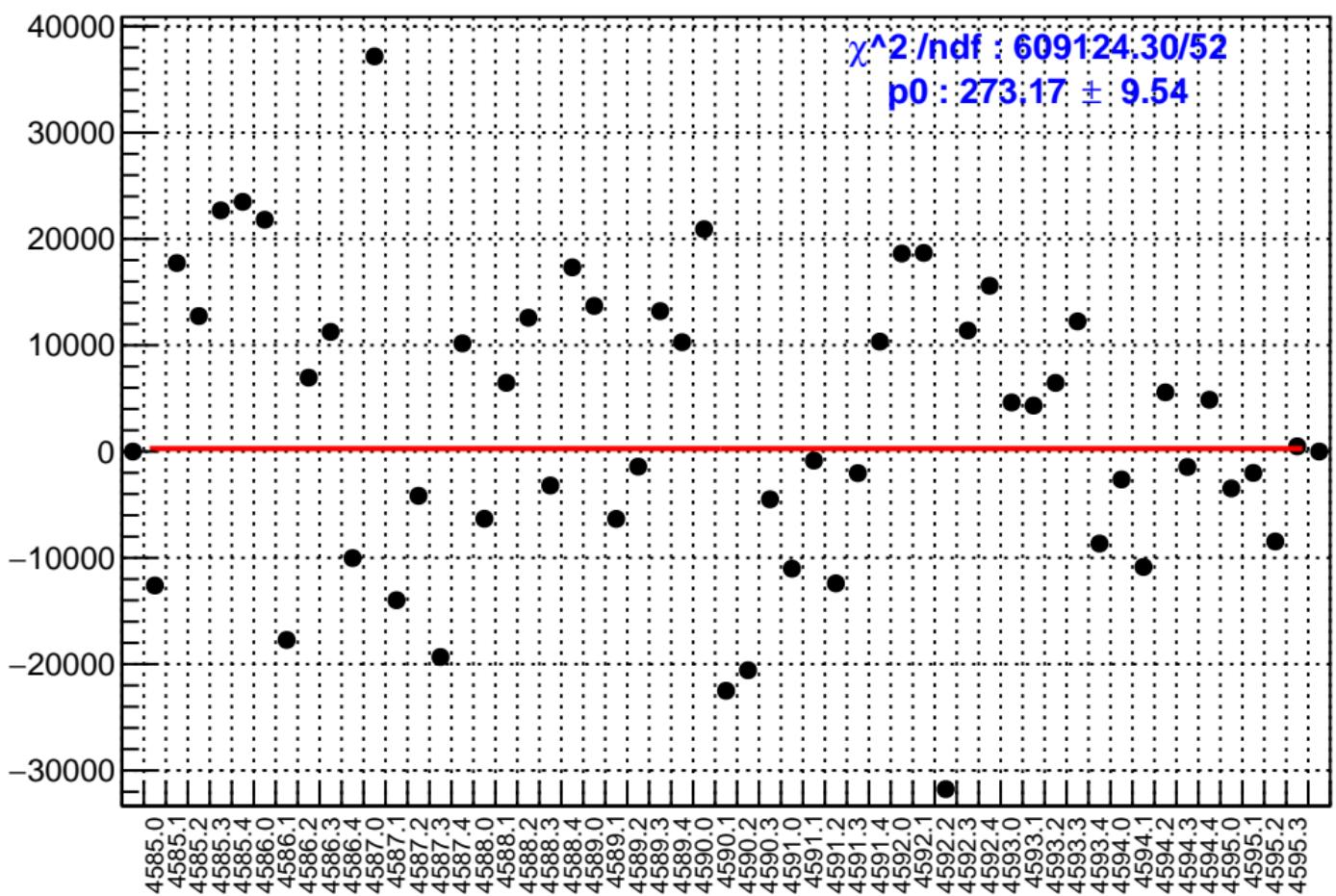


1D pull distribution

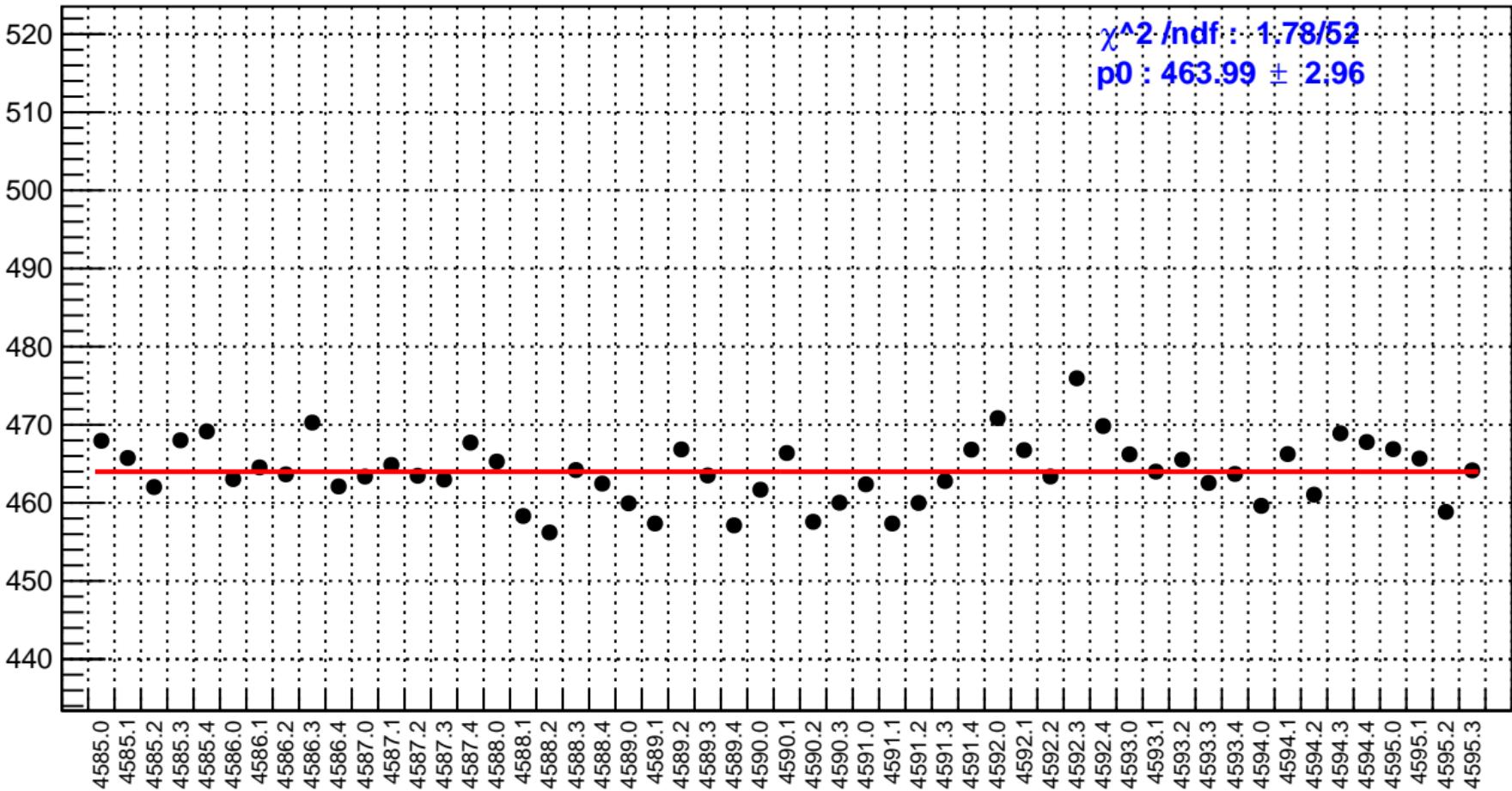


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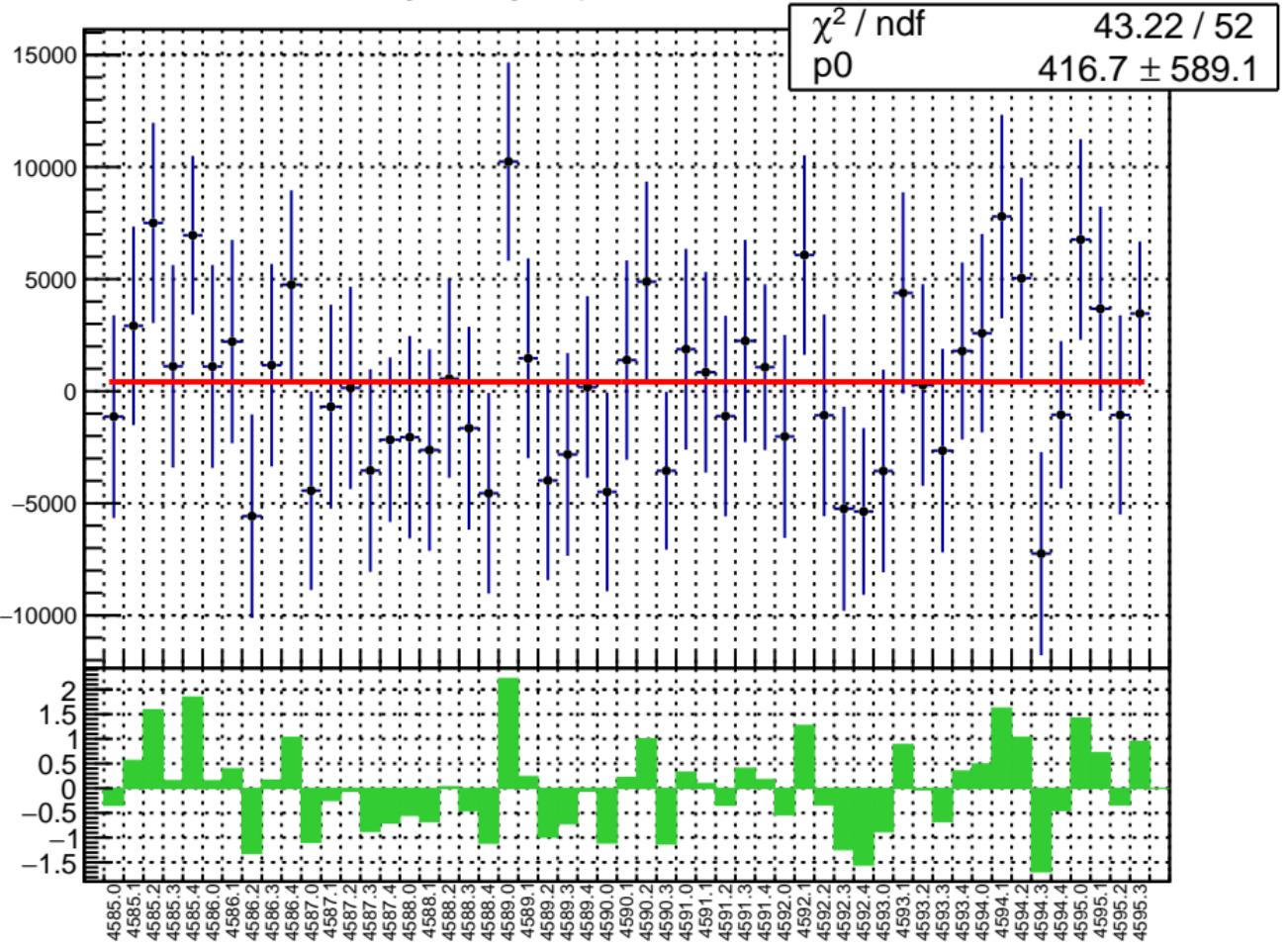
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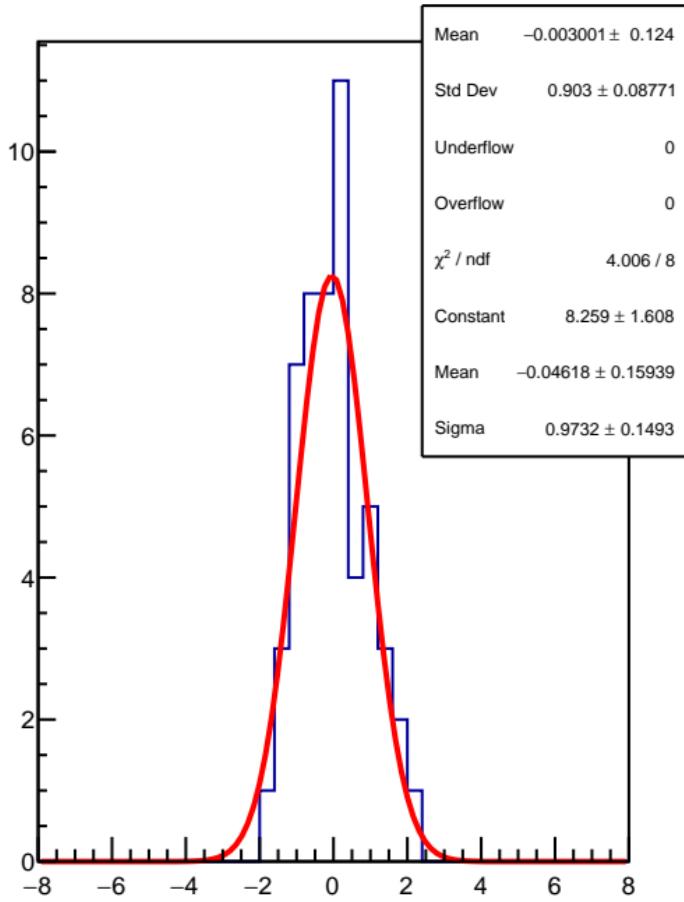
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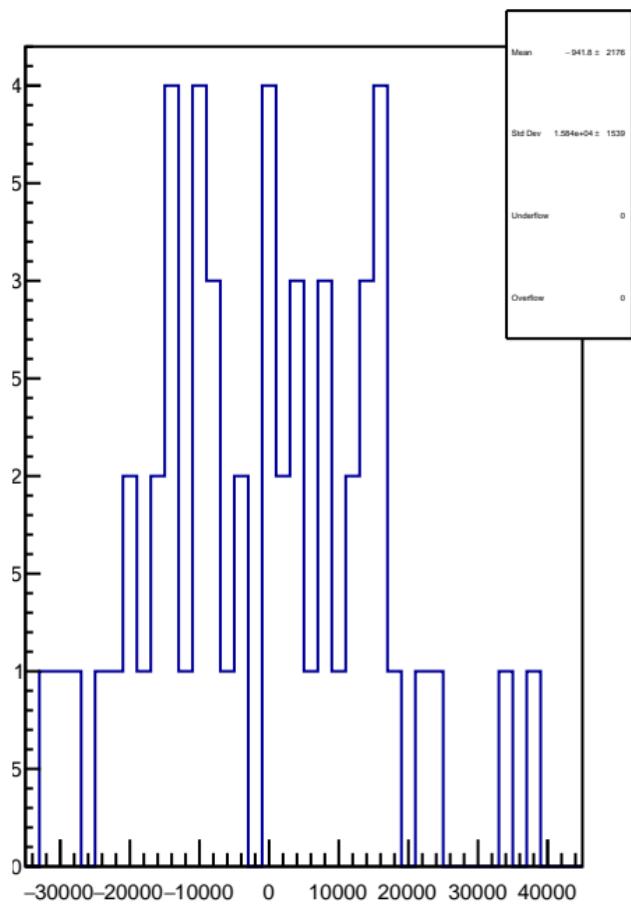
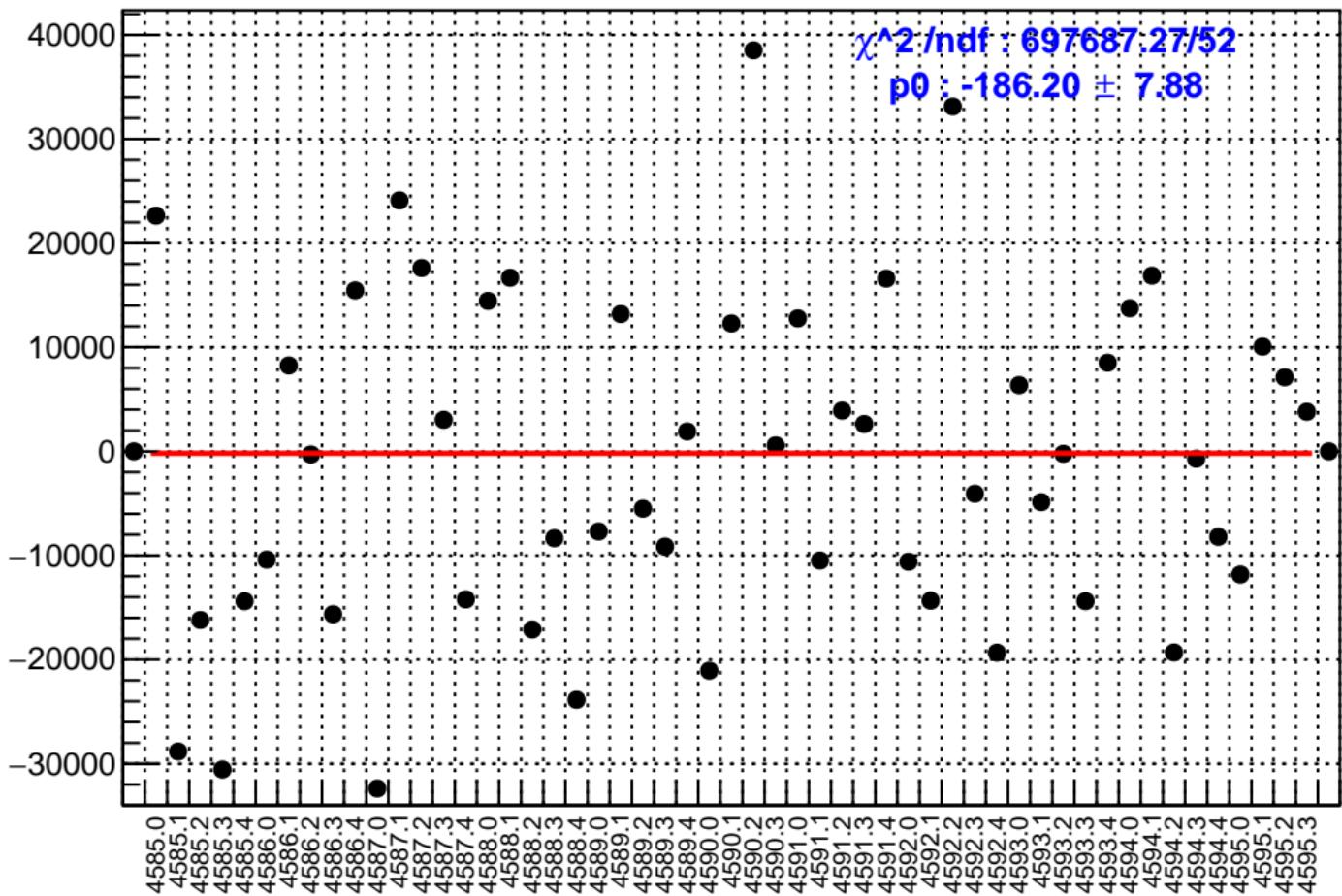


1D pull distribution

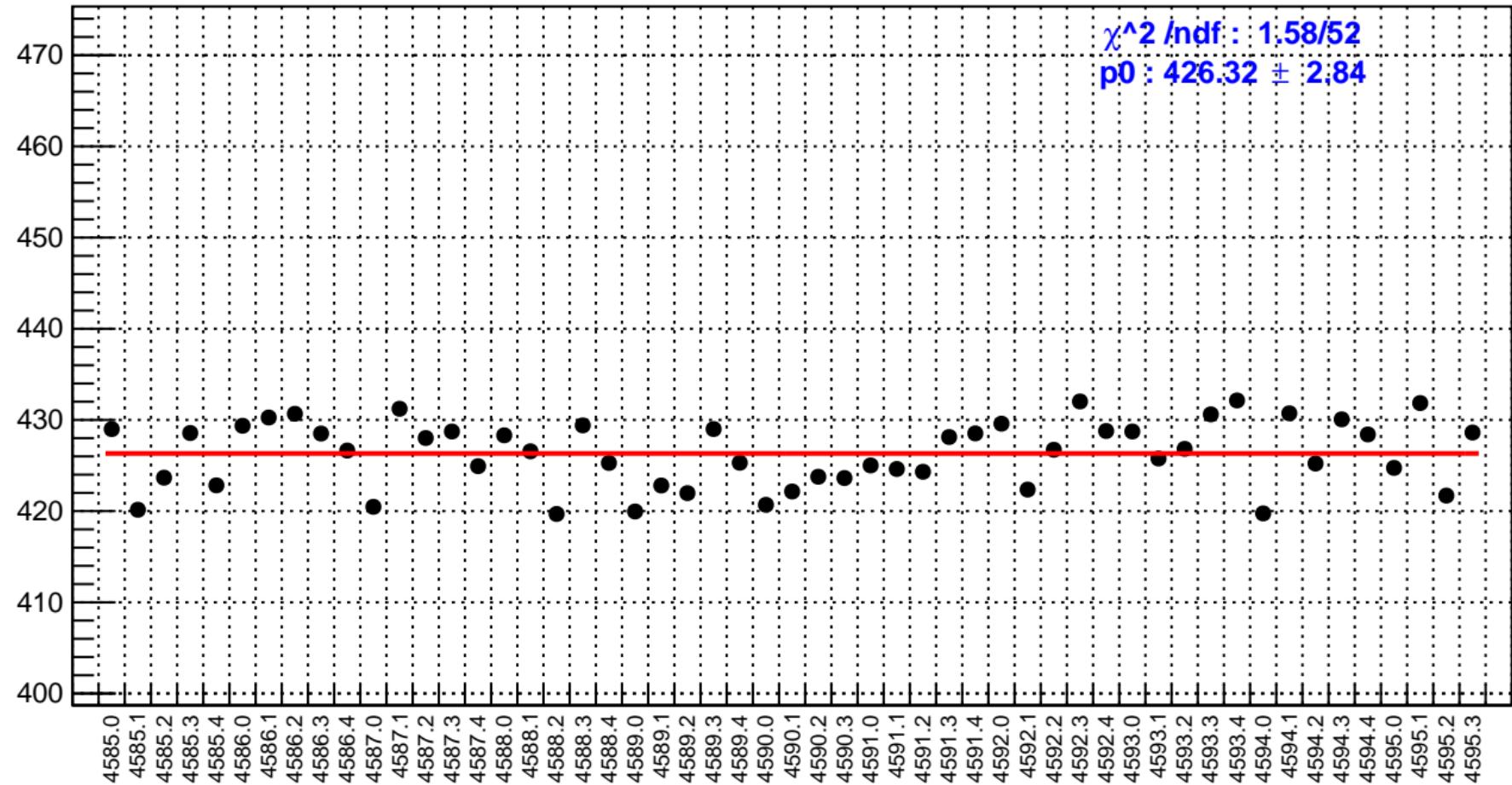


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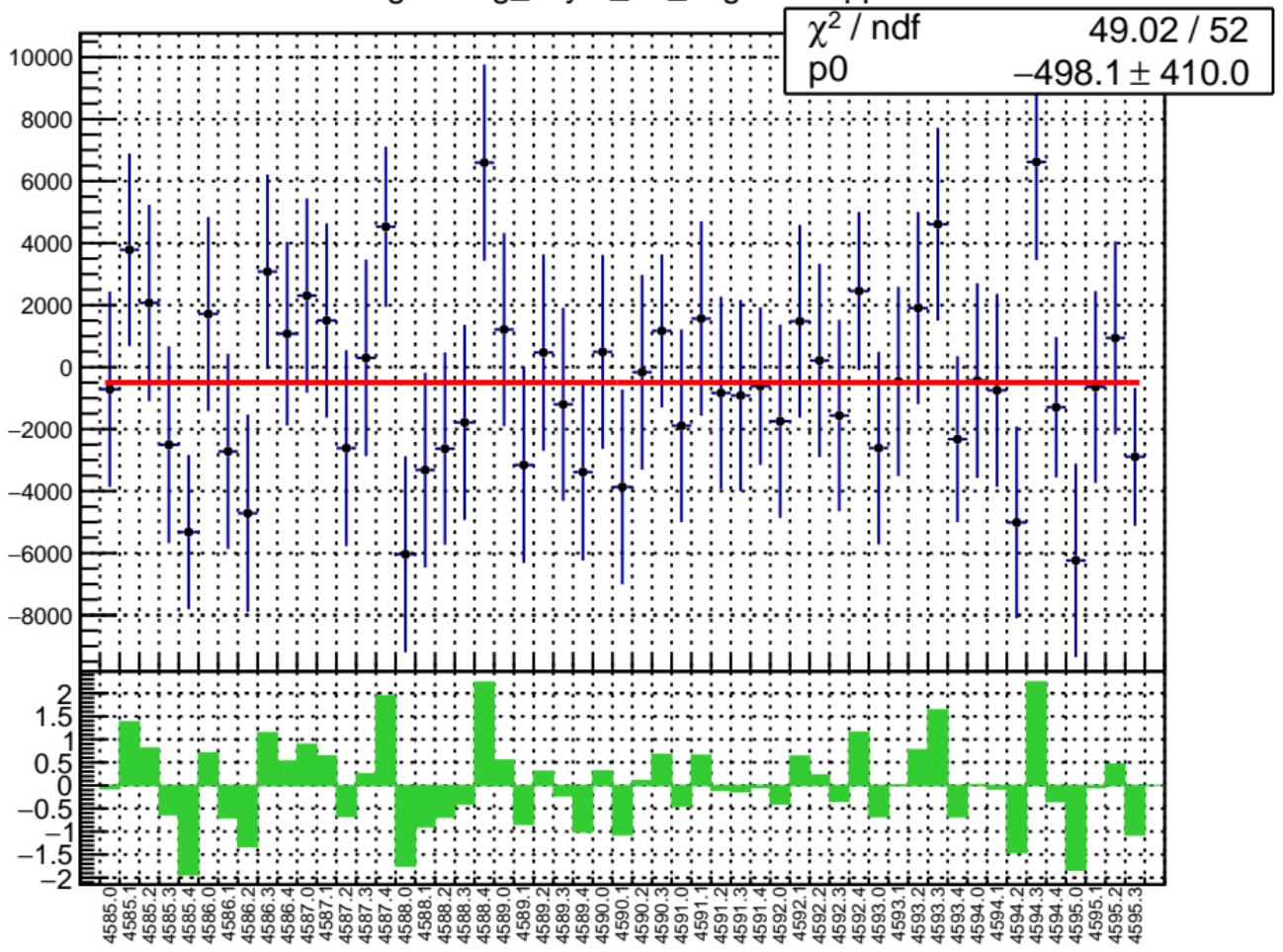
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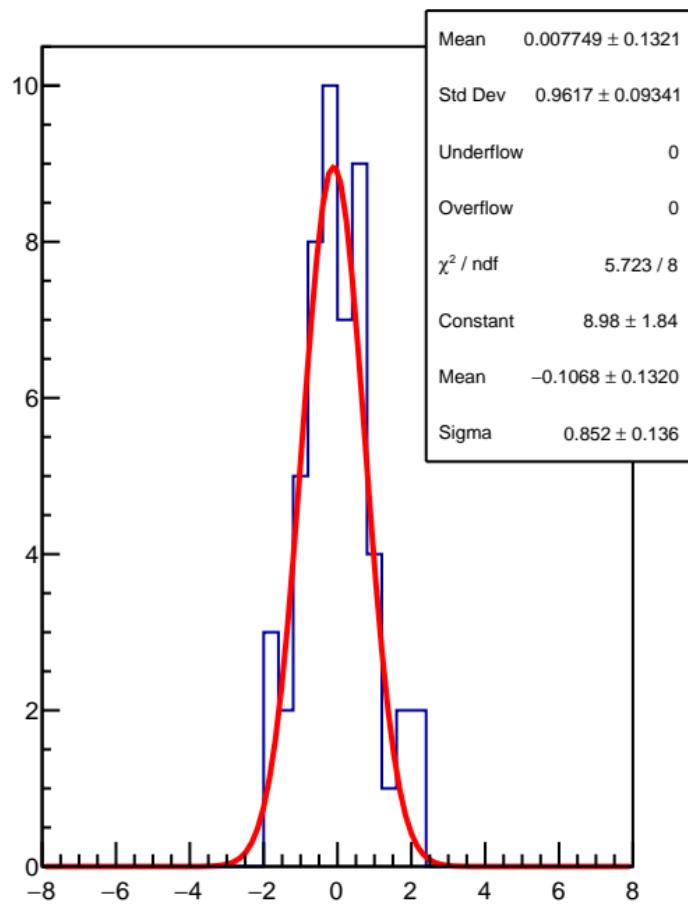
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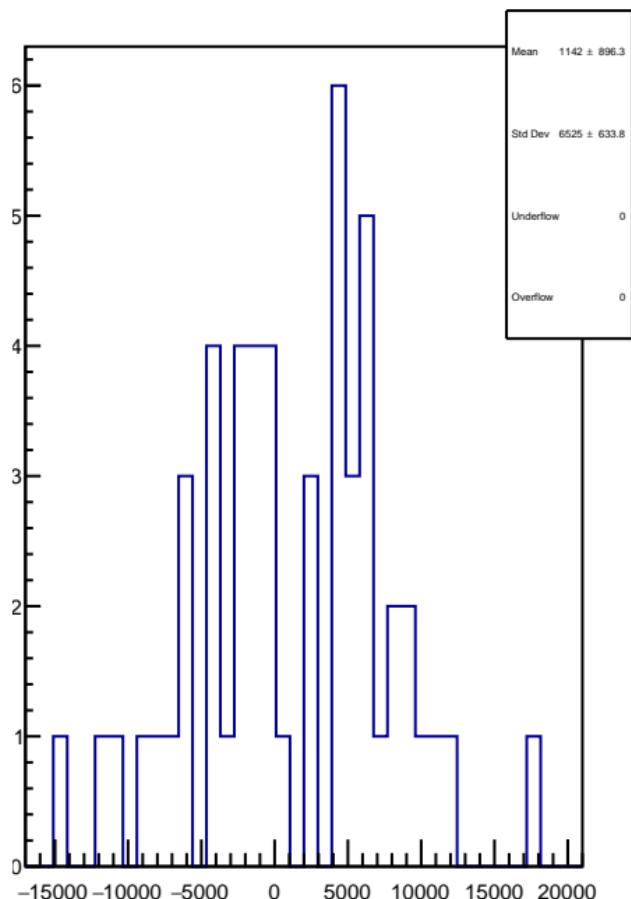
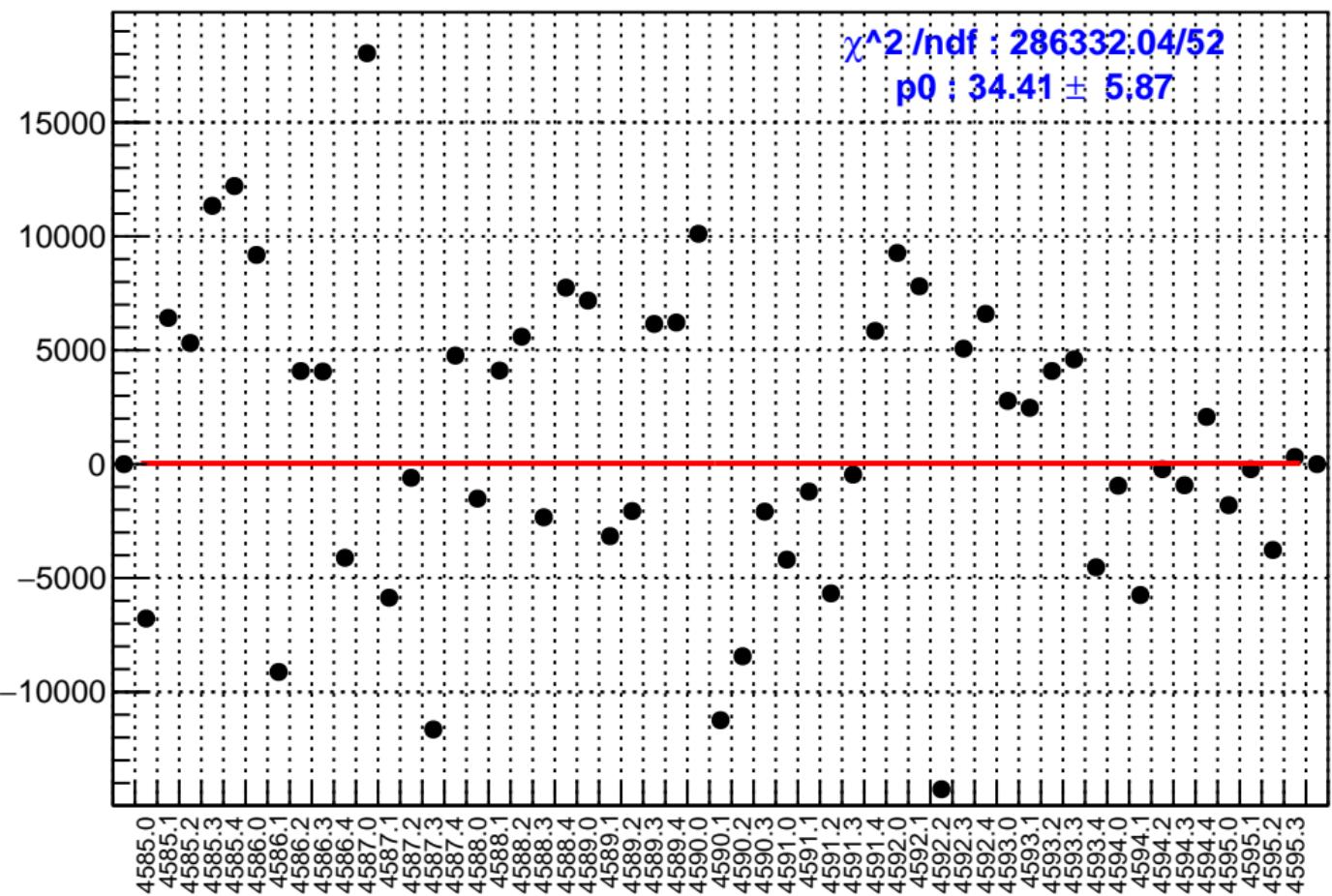


1D pull distribution

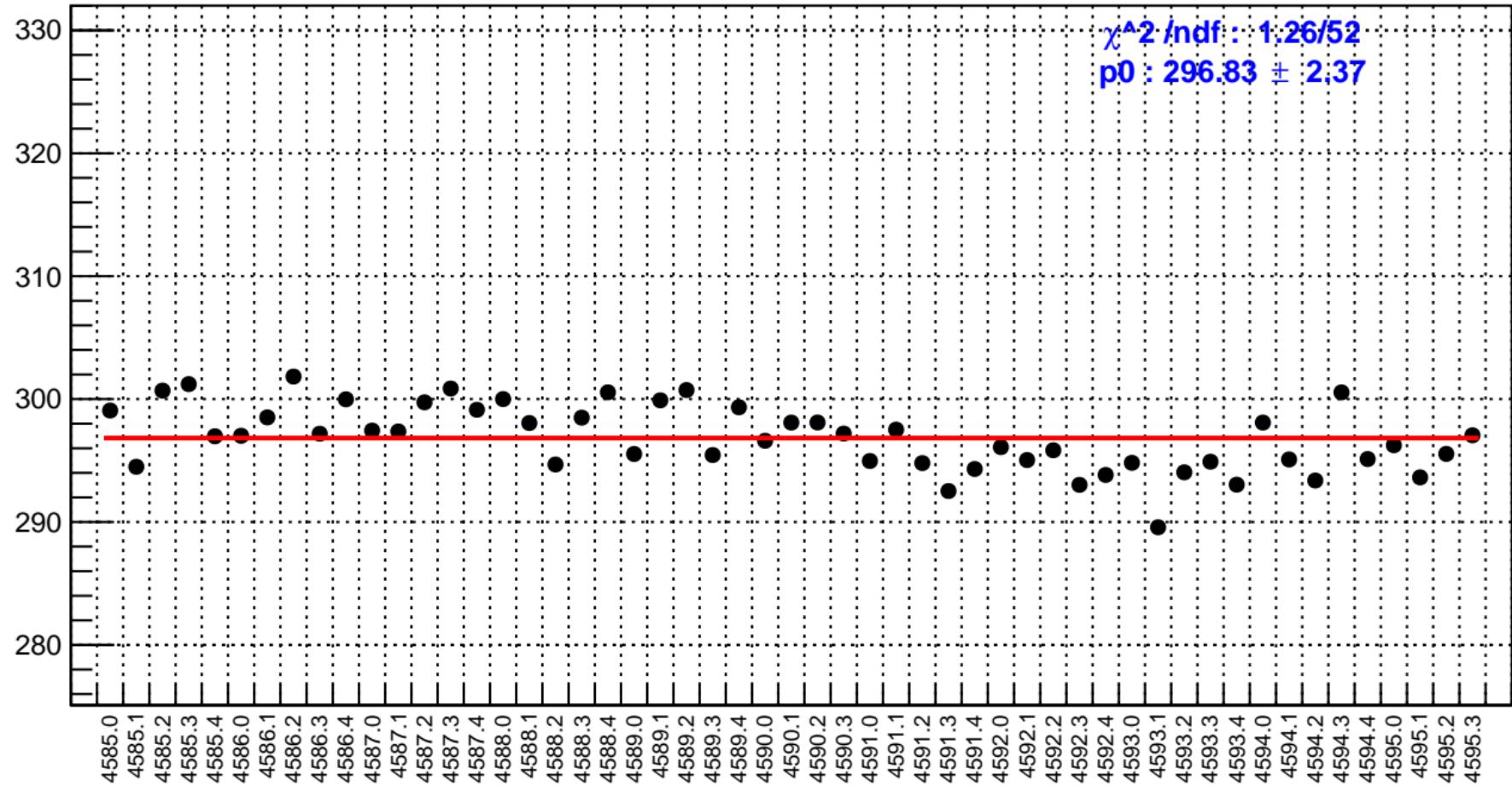


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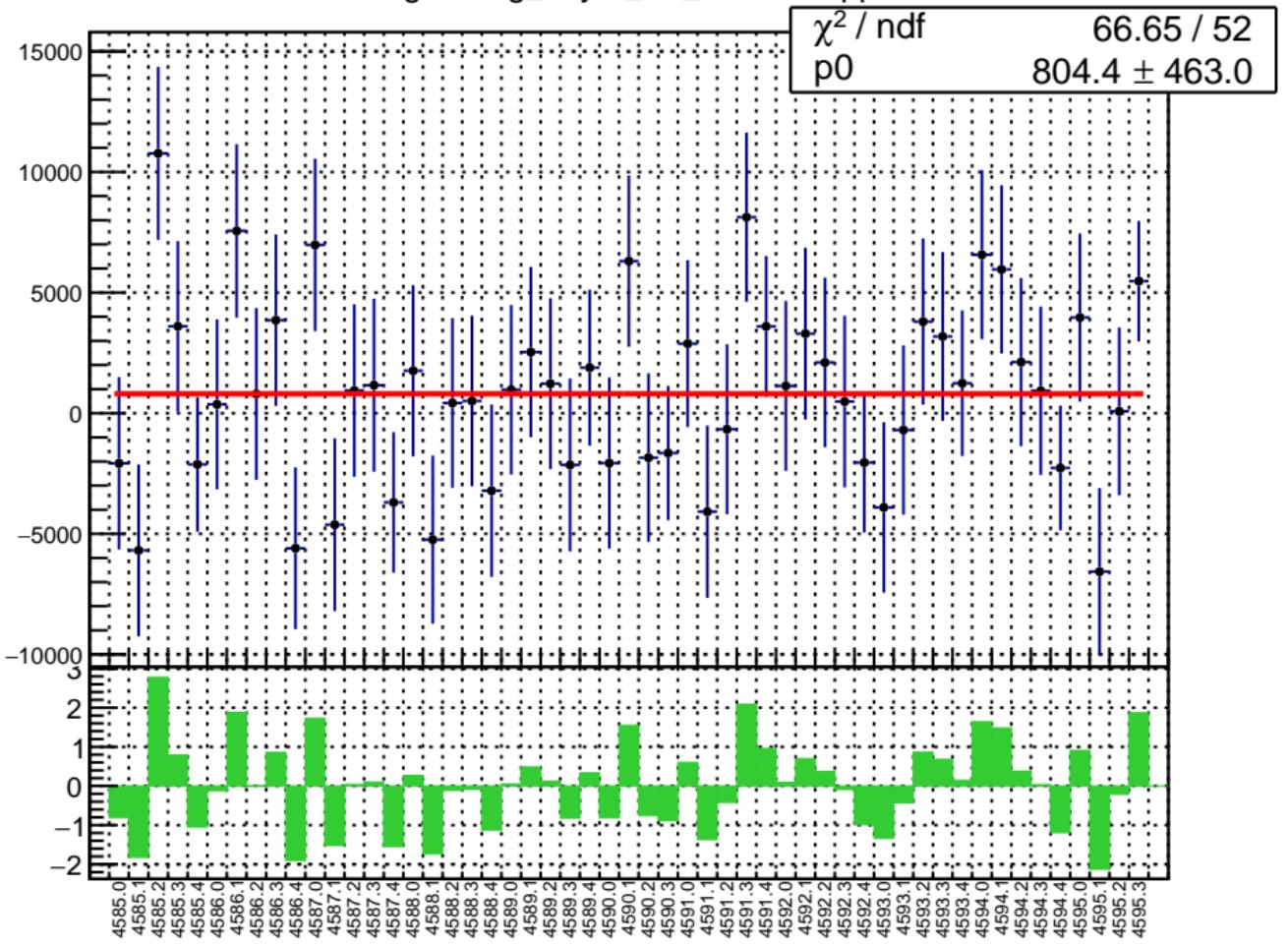
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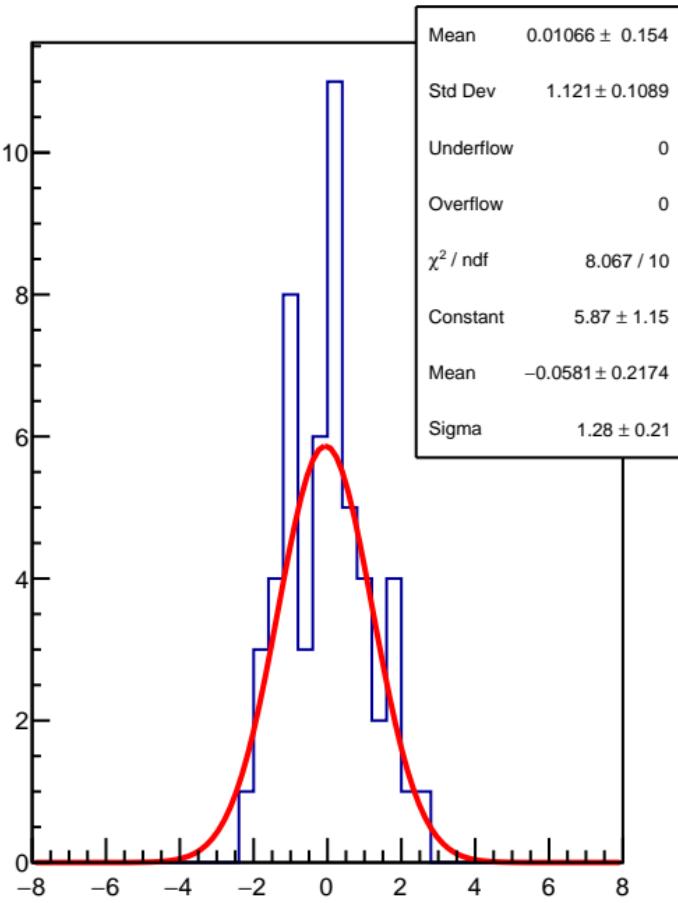
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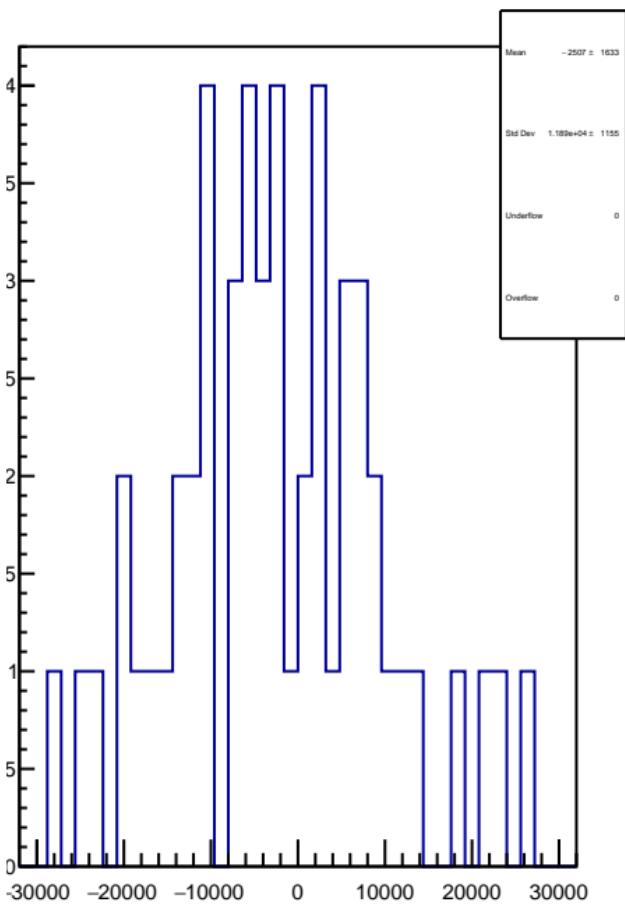
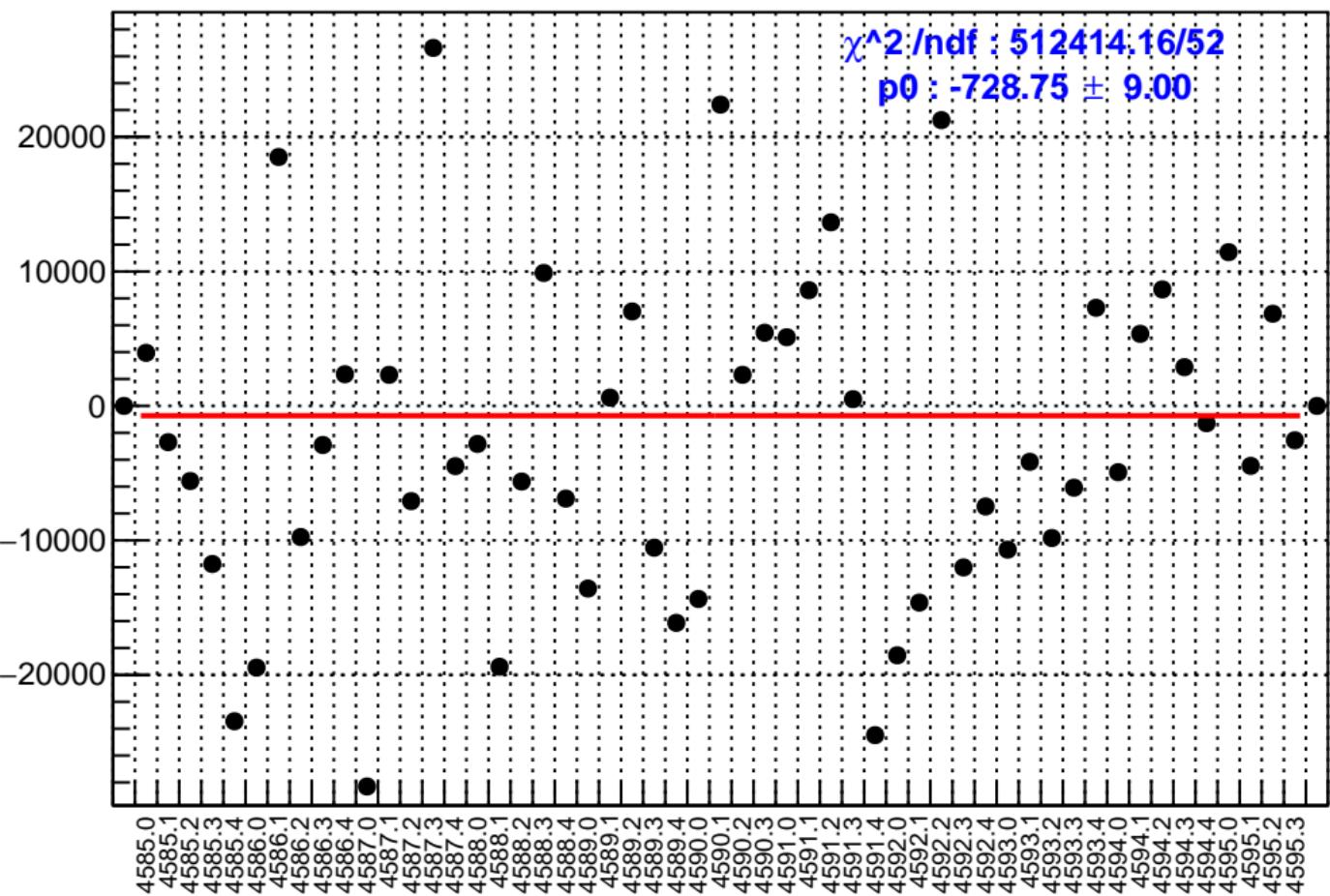


1D pull distribution

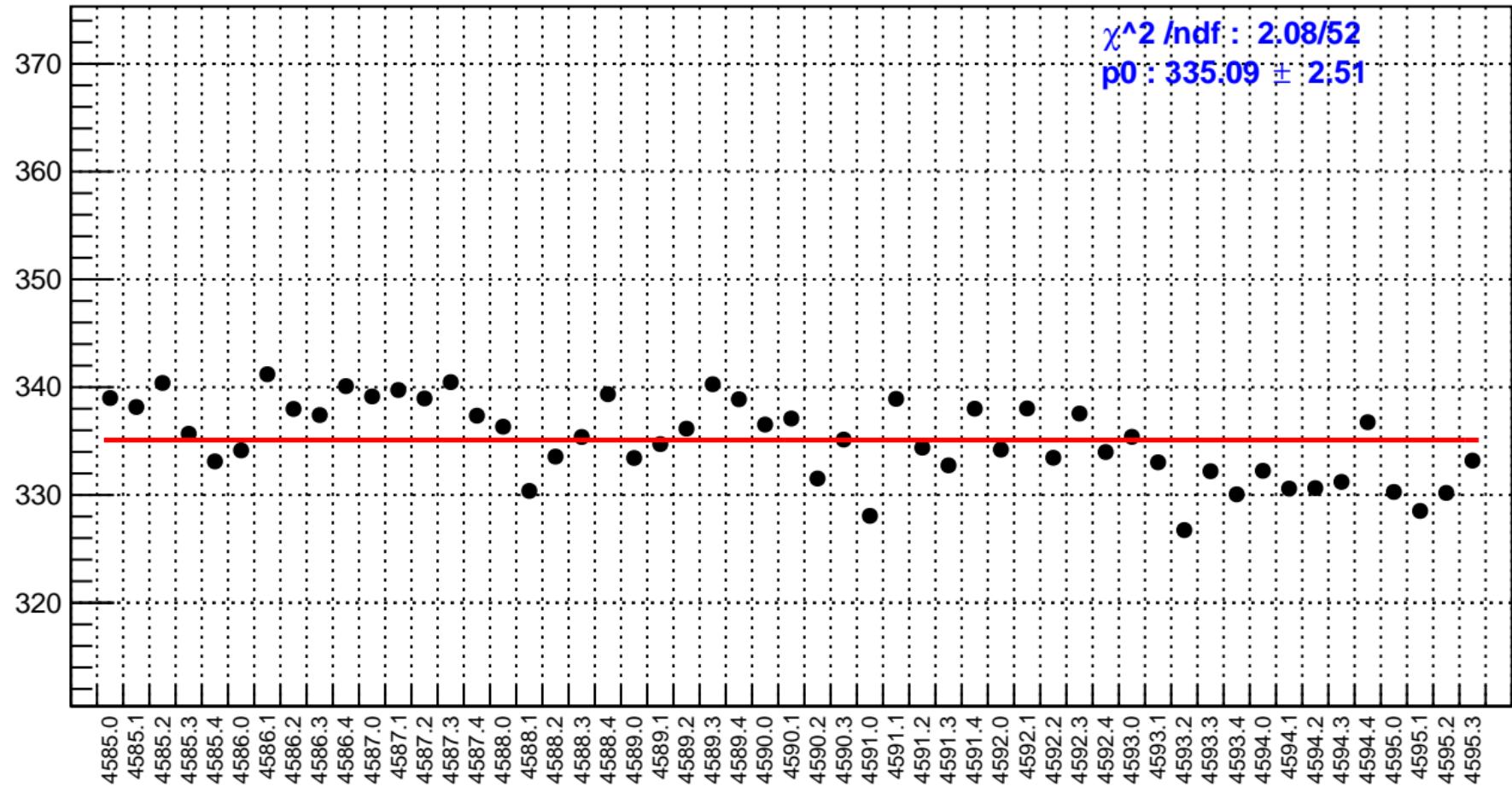


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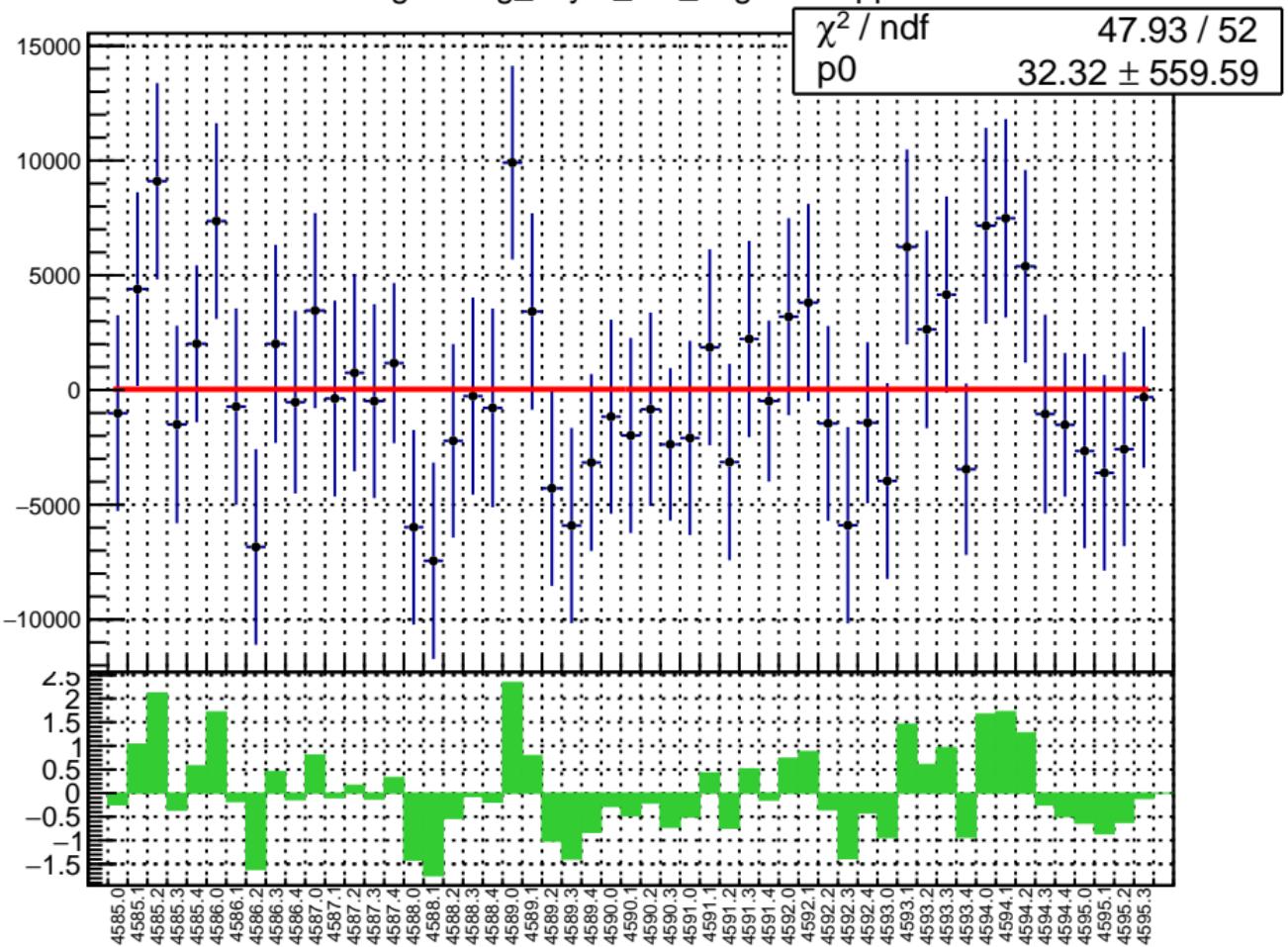
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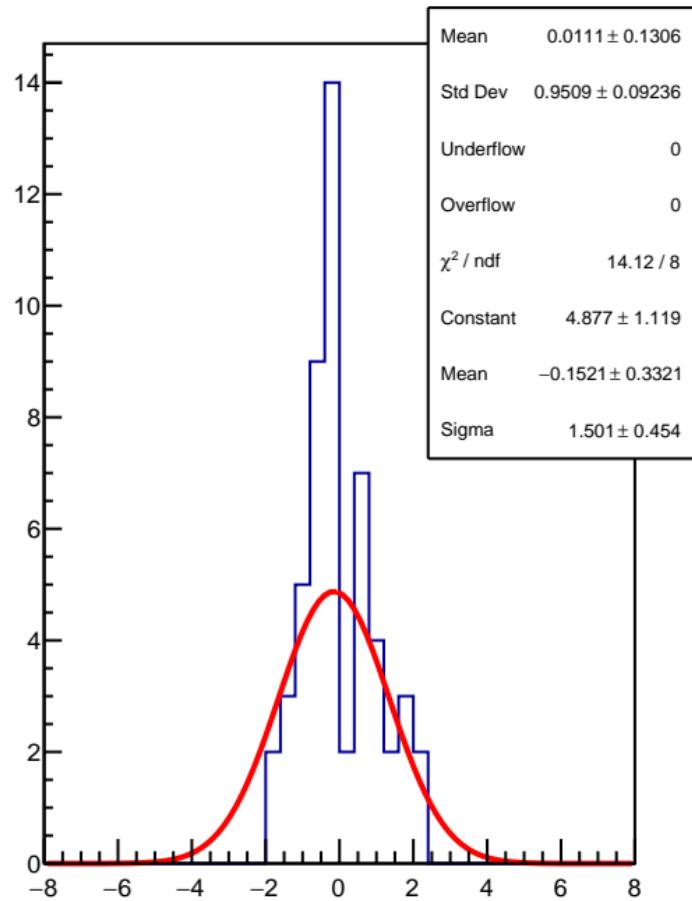
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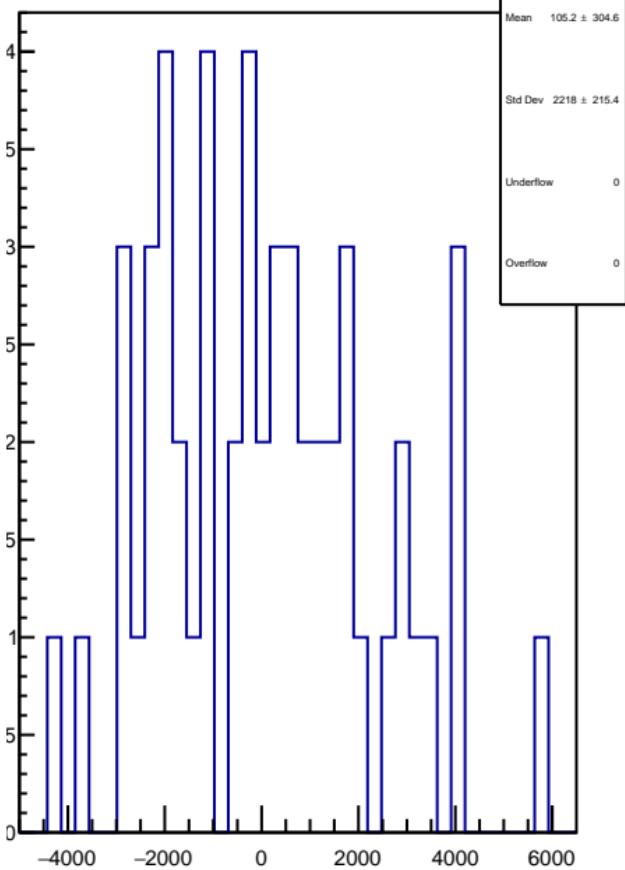
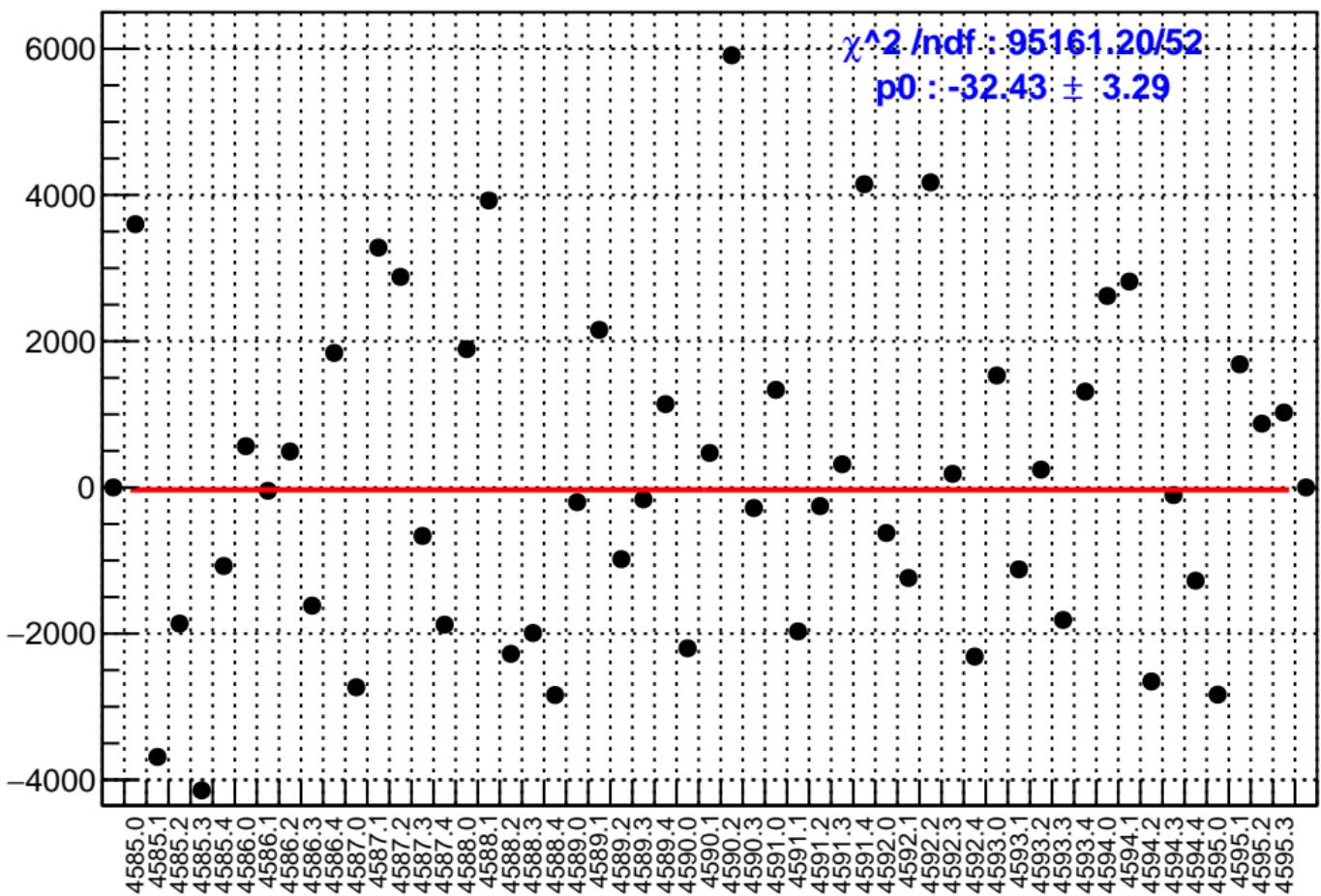


1D pull distribution

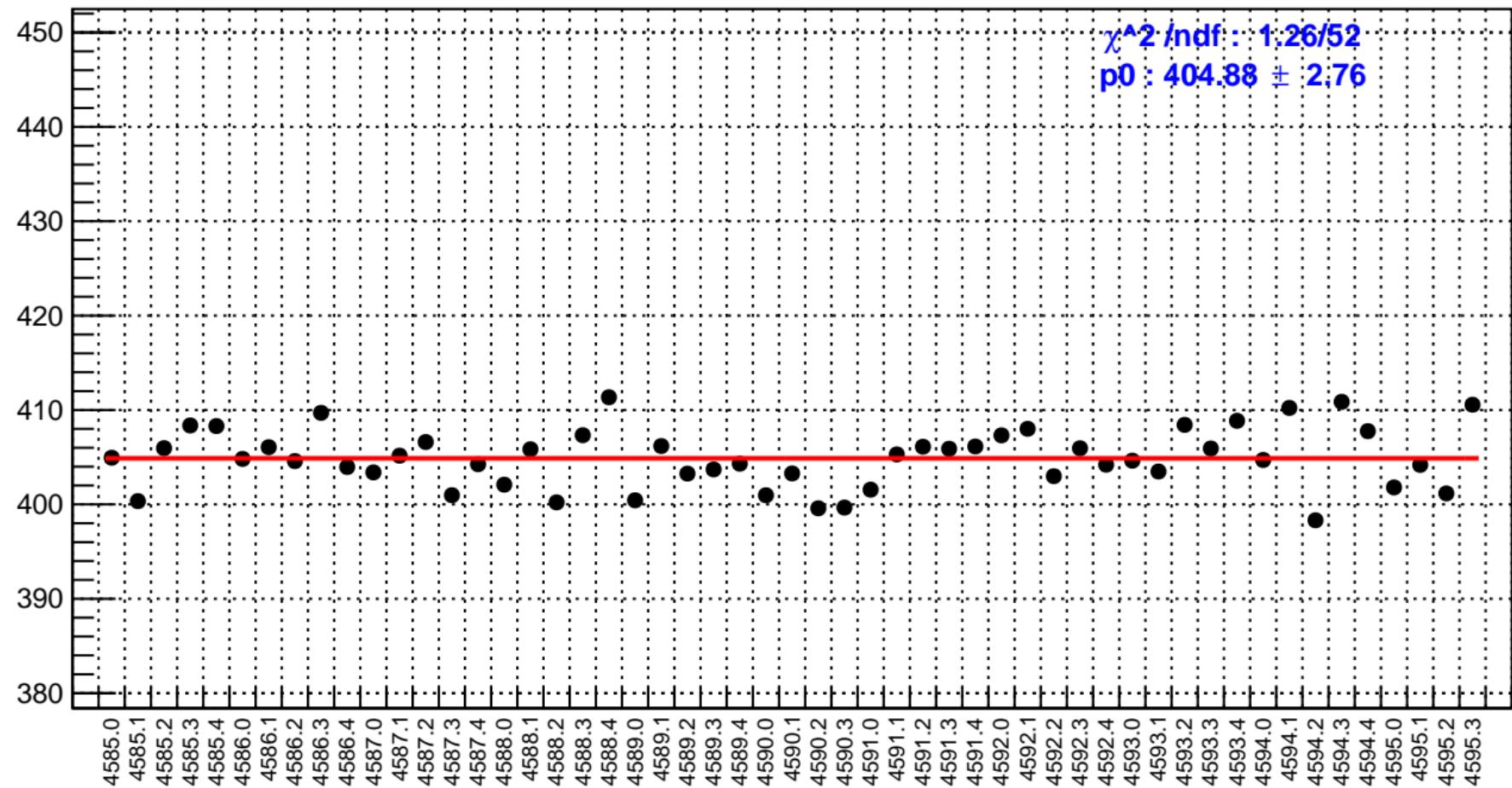


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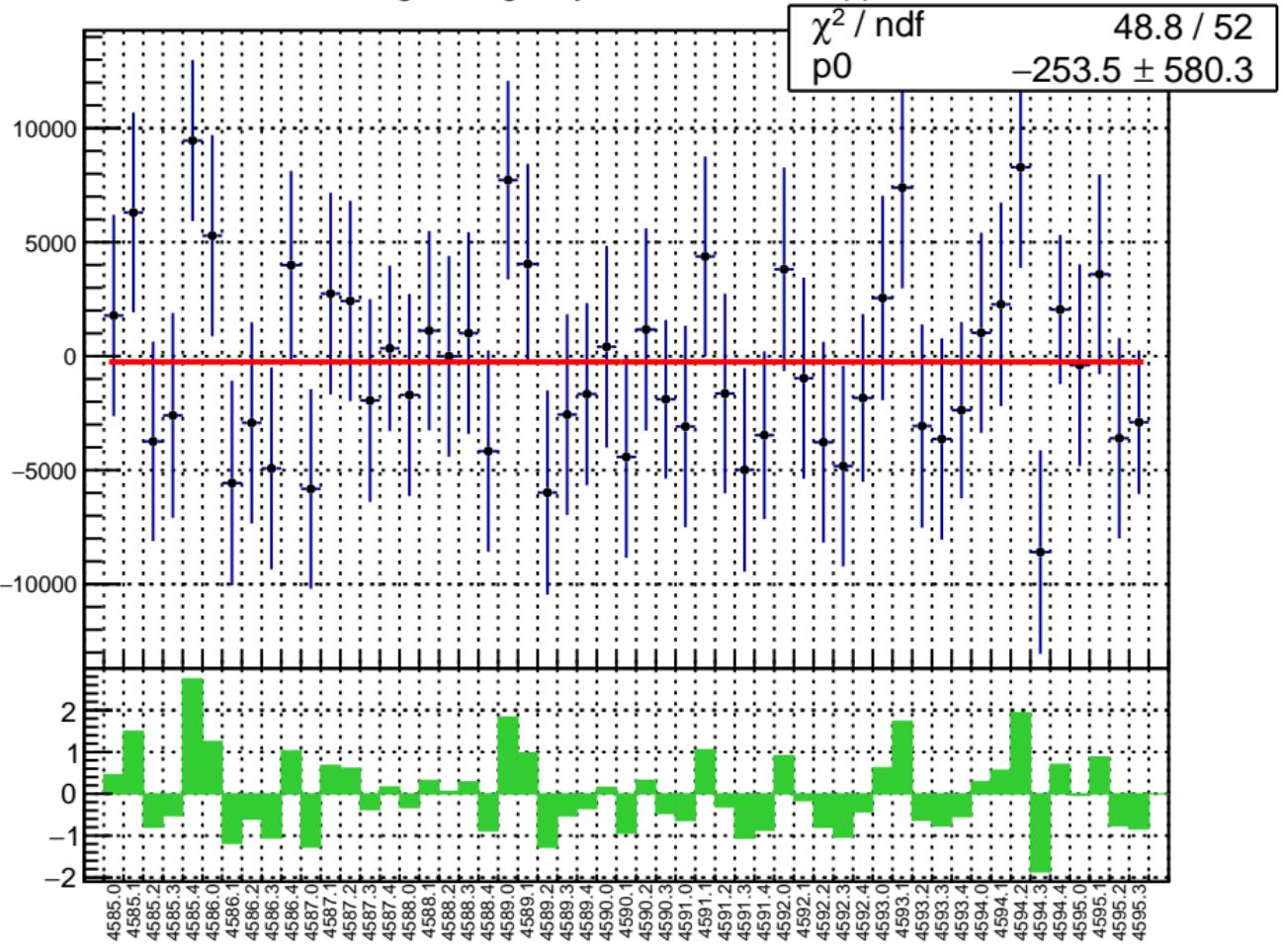
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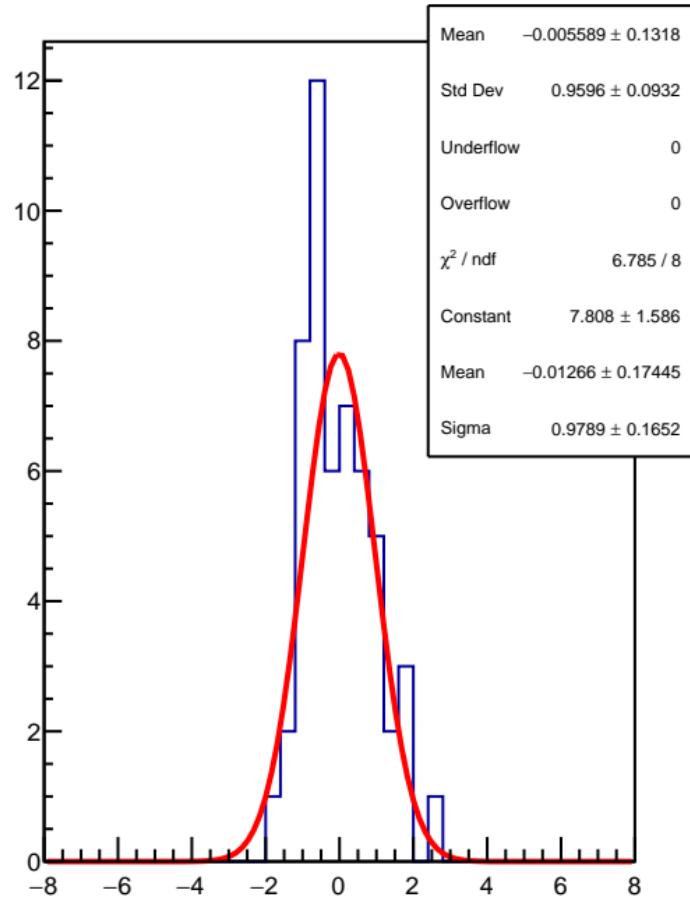
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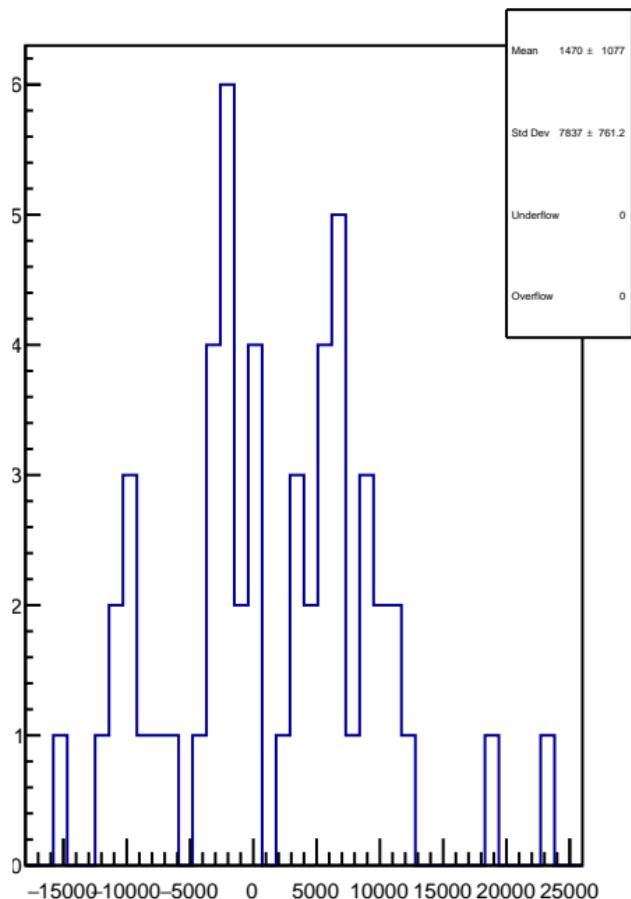
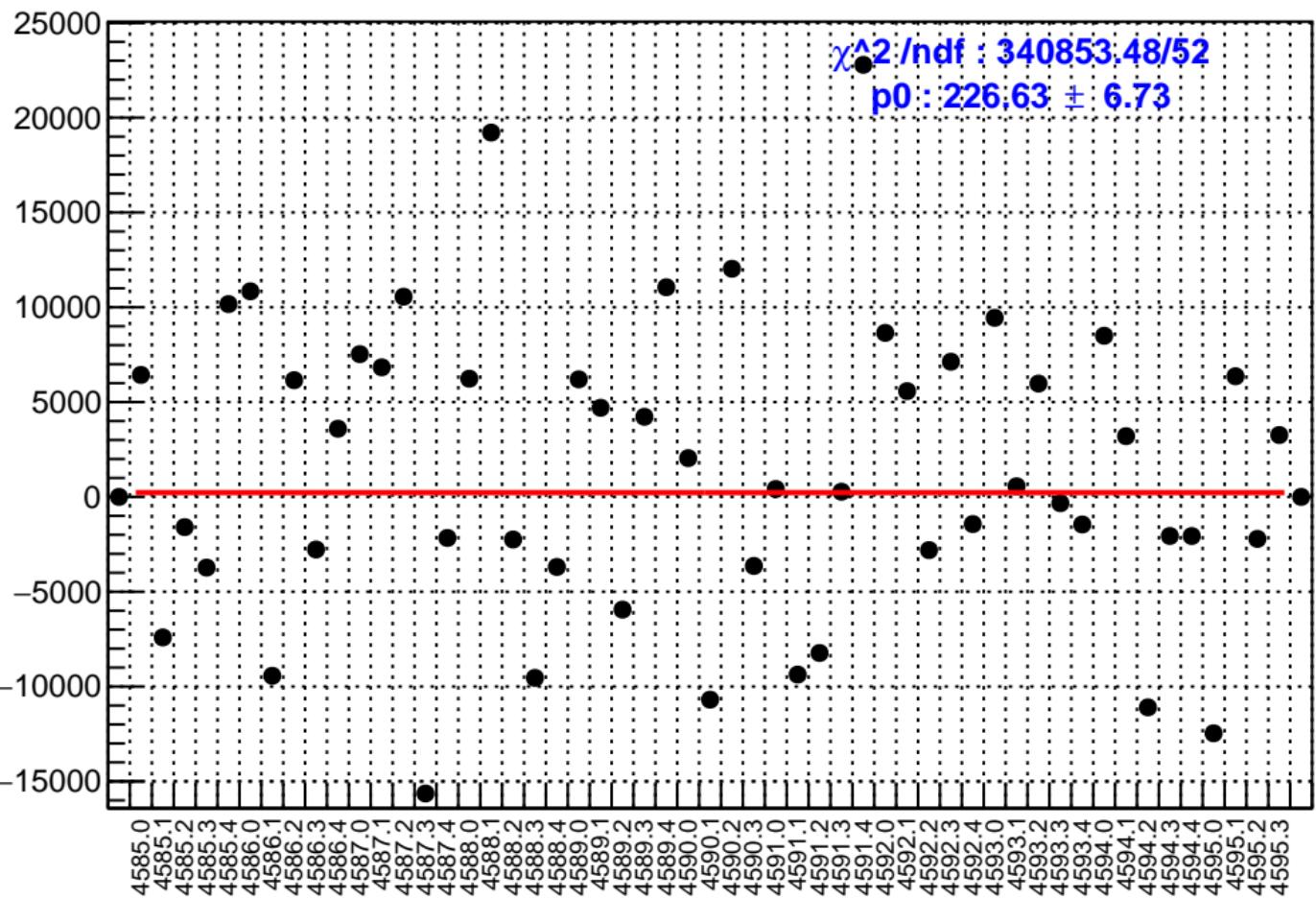


1D pull distribution

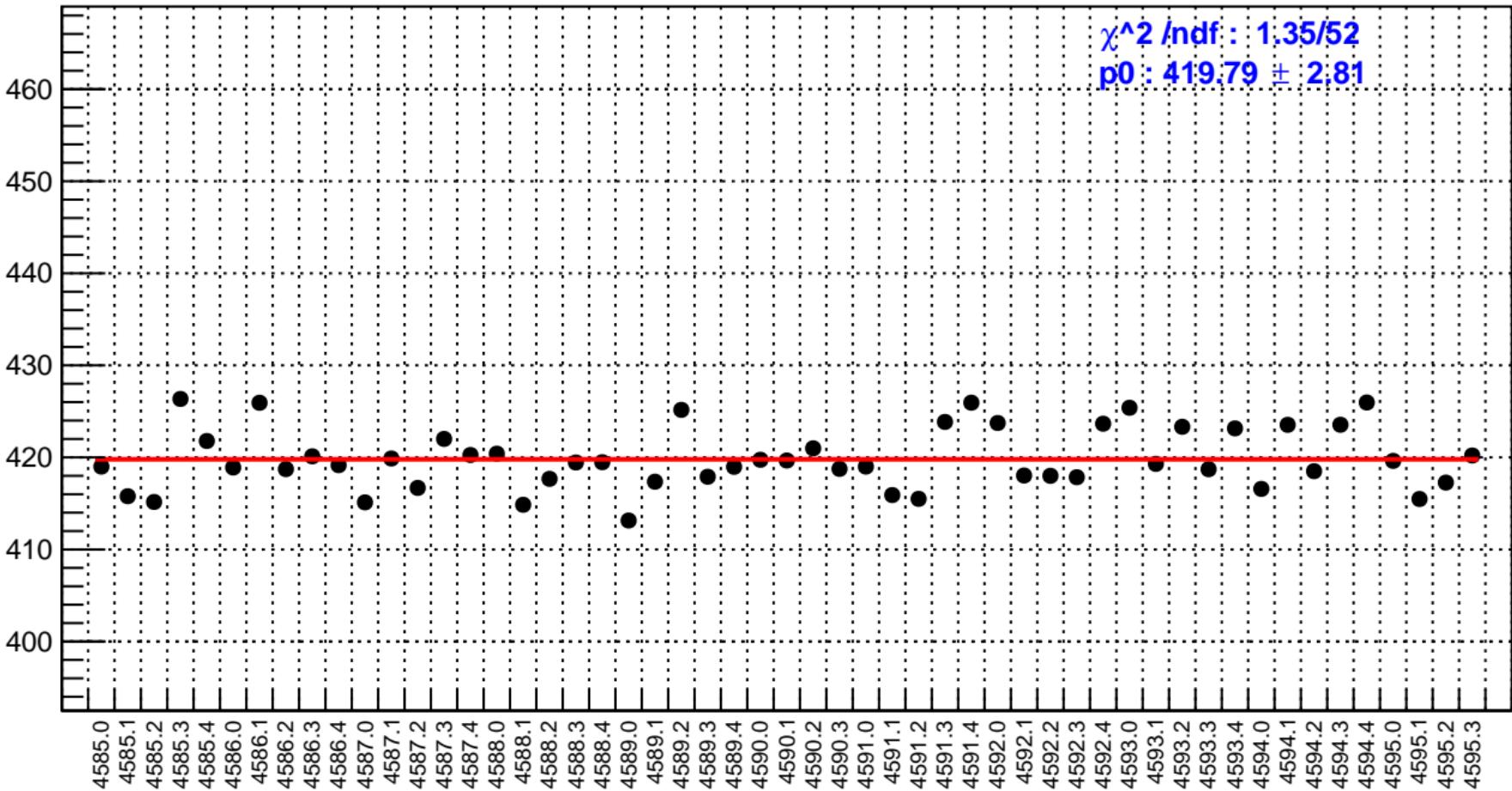


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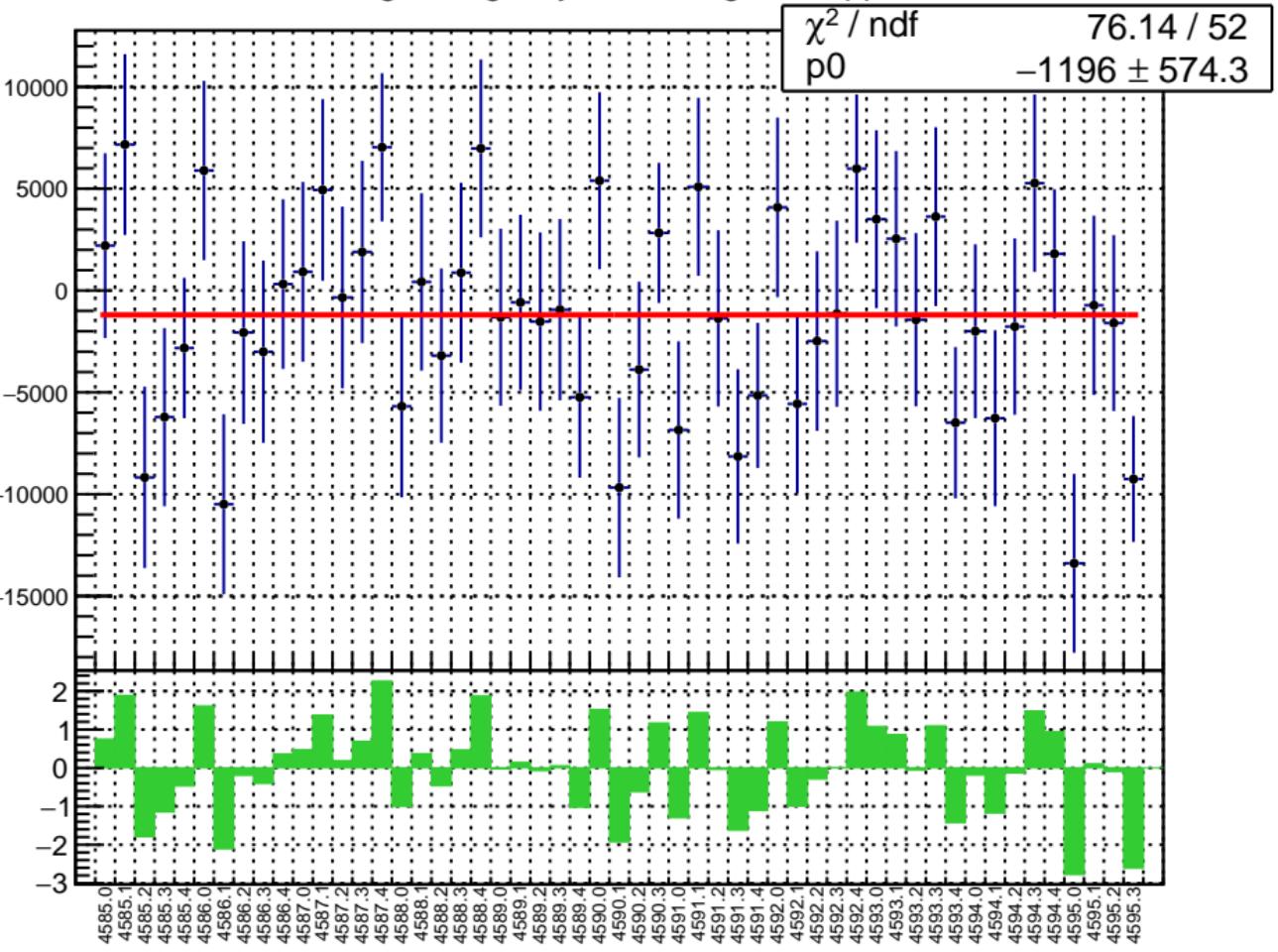
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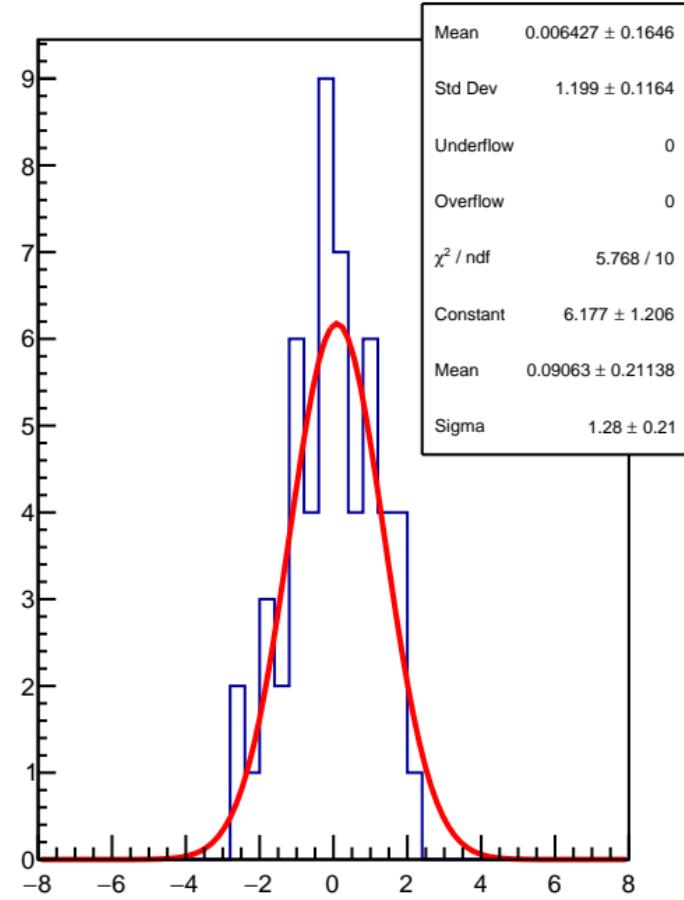
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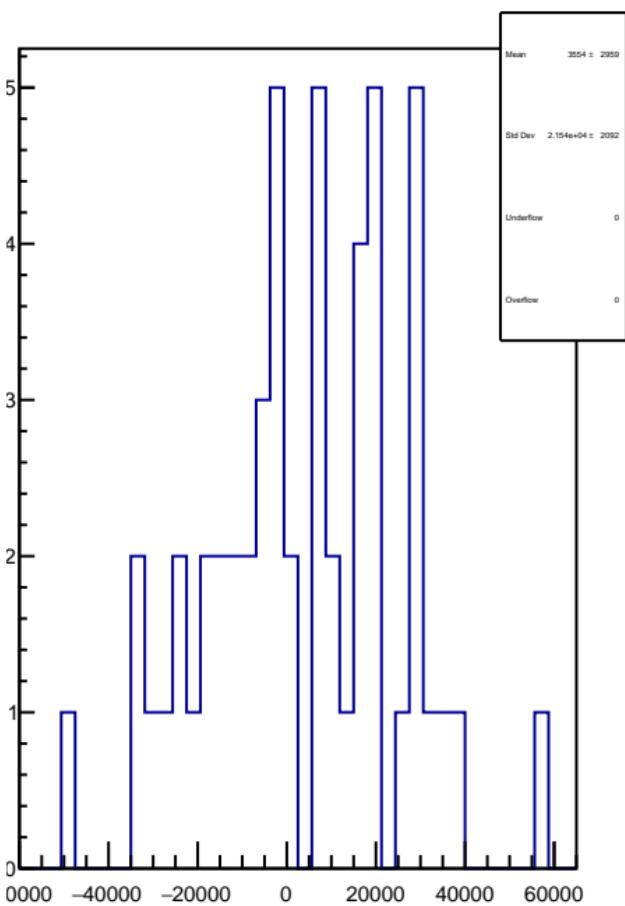
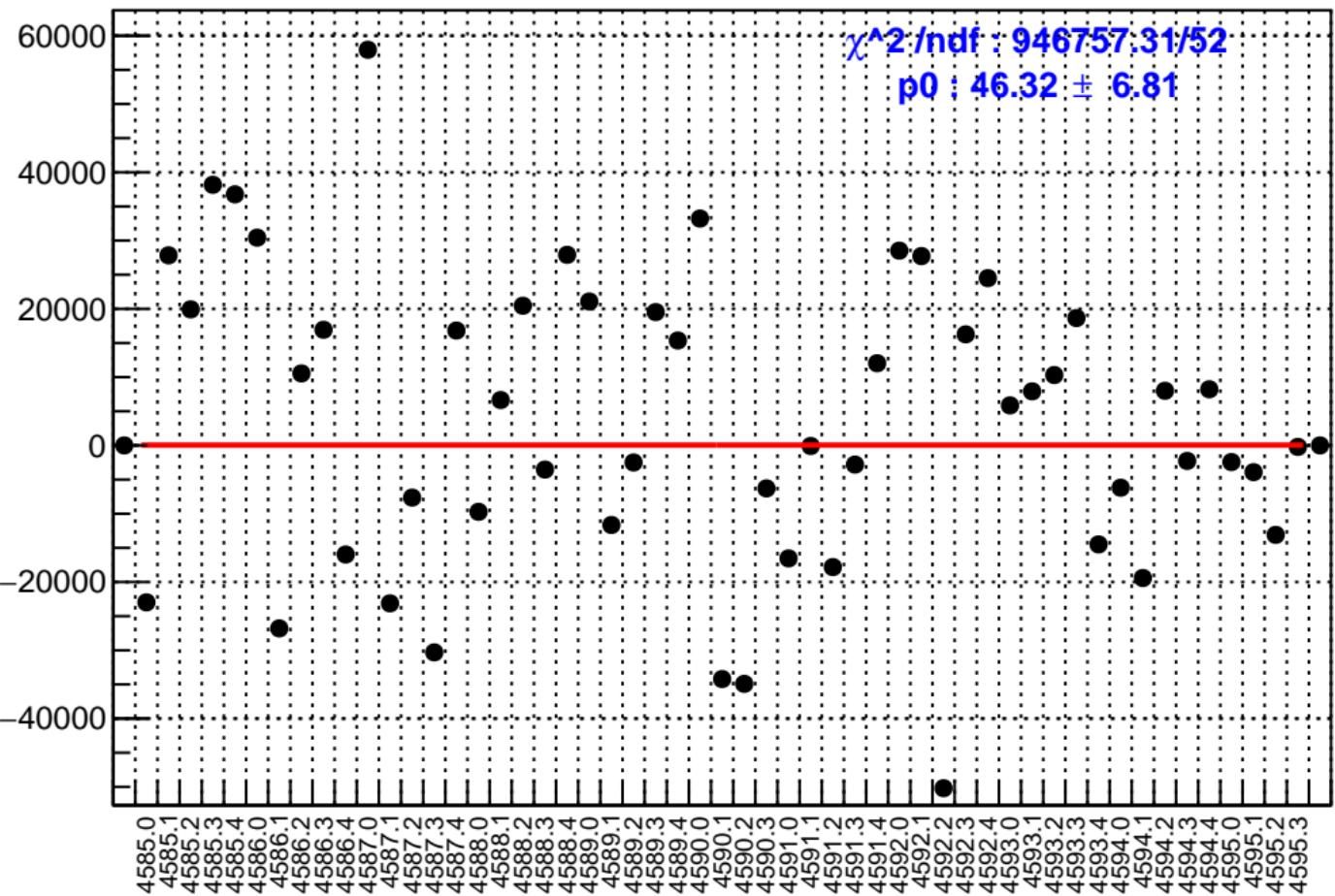


1D pull distribution

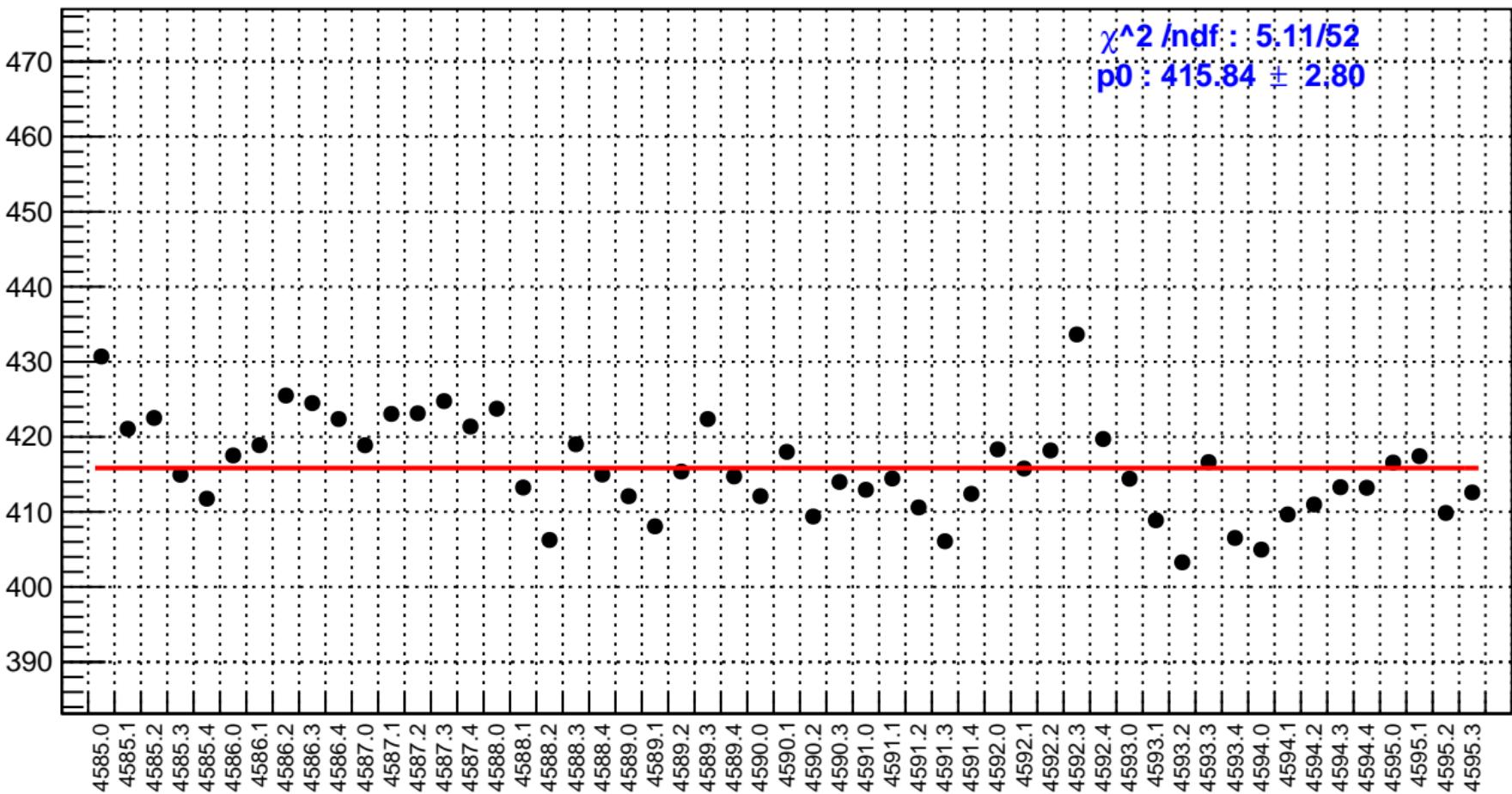


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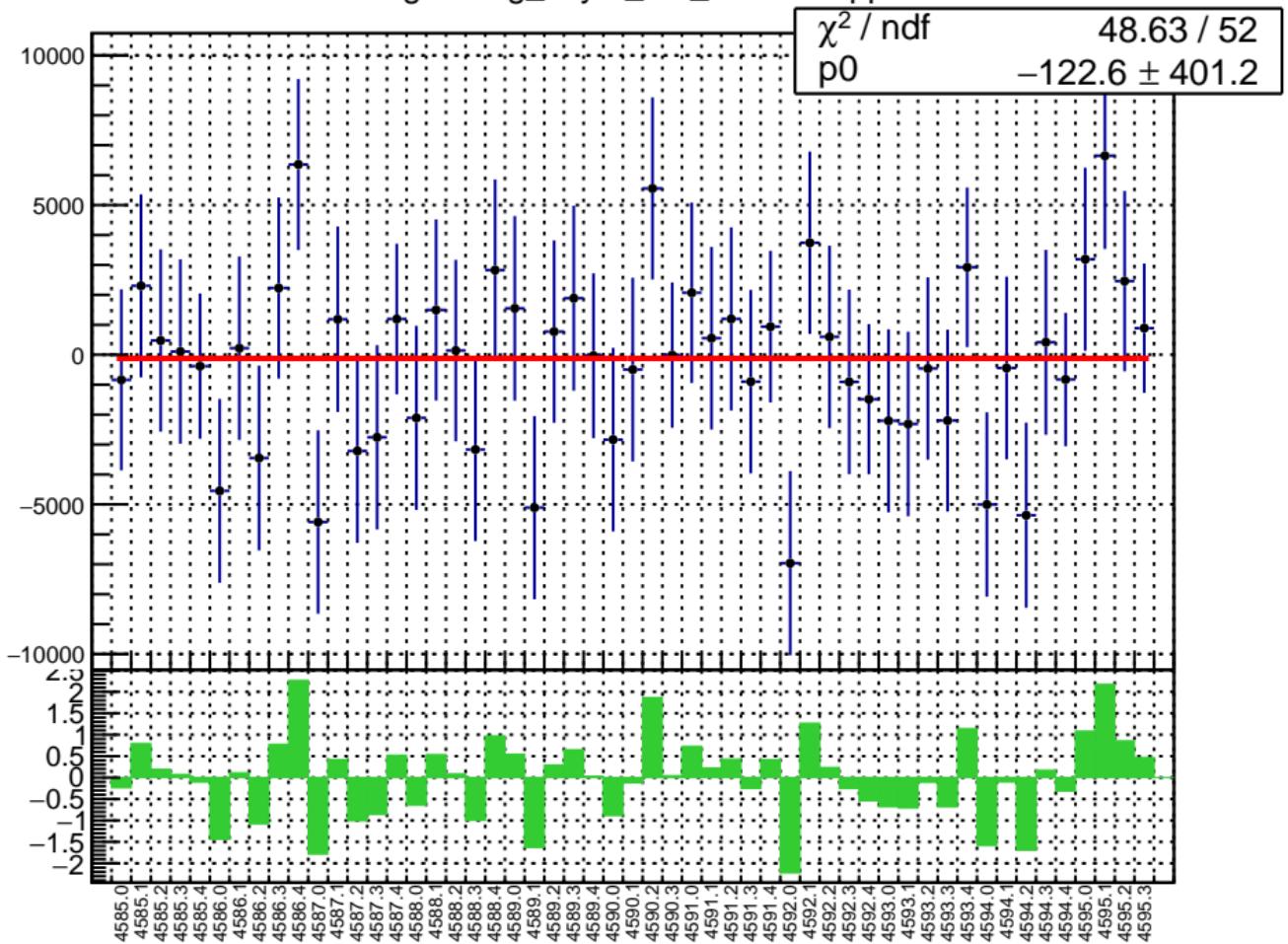
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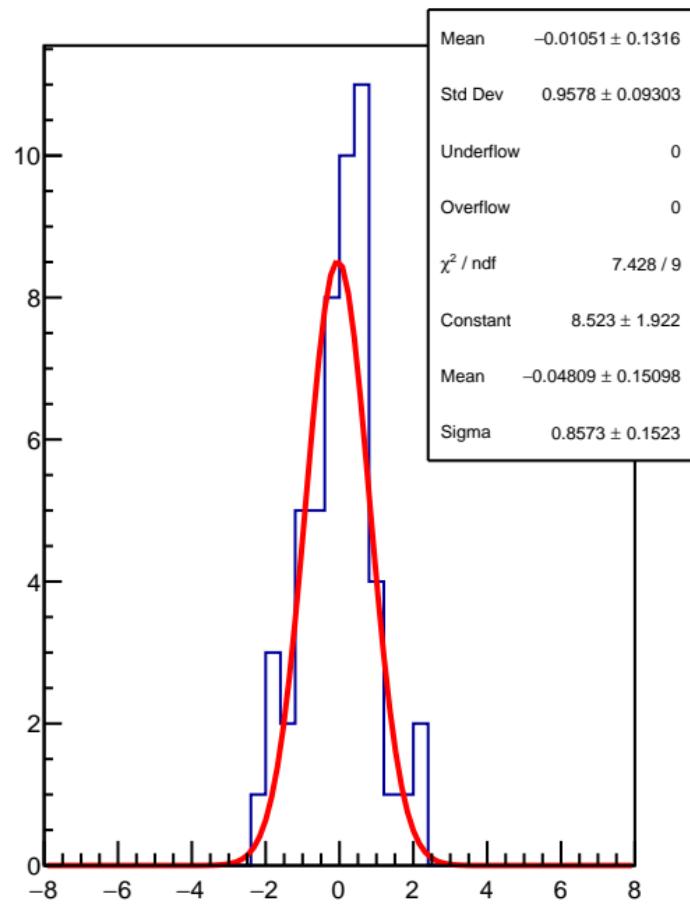
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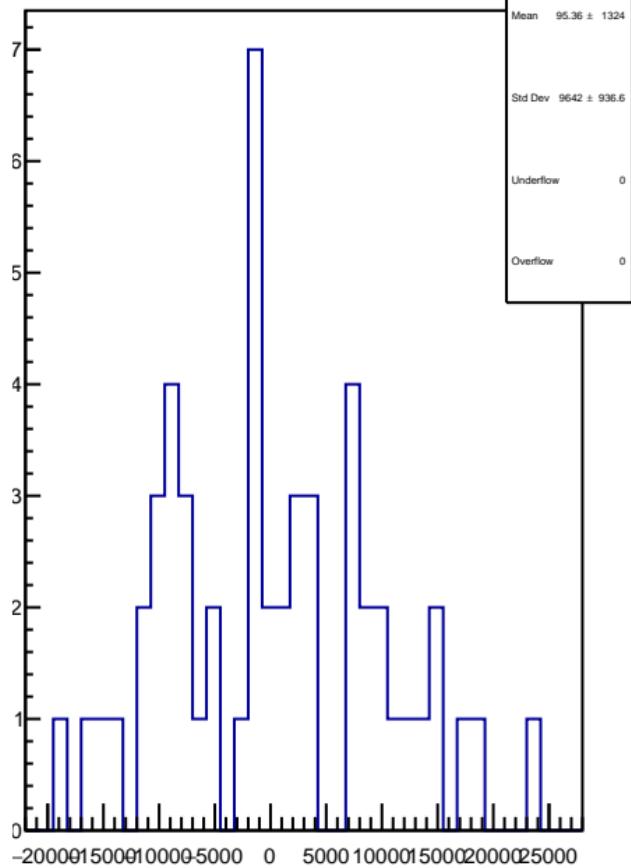
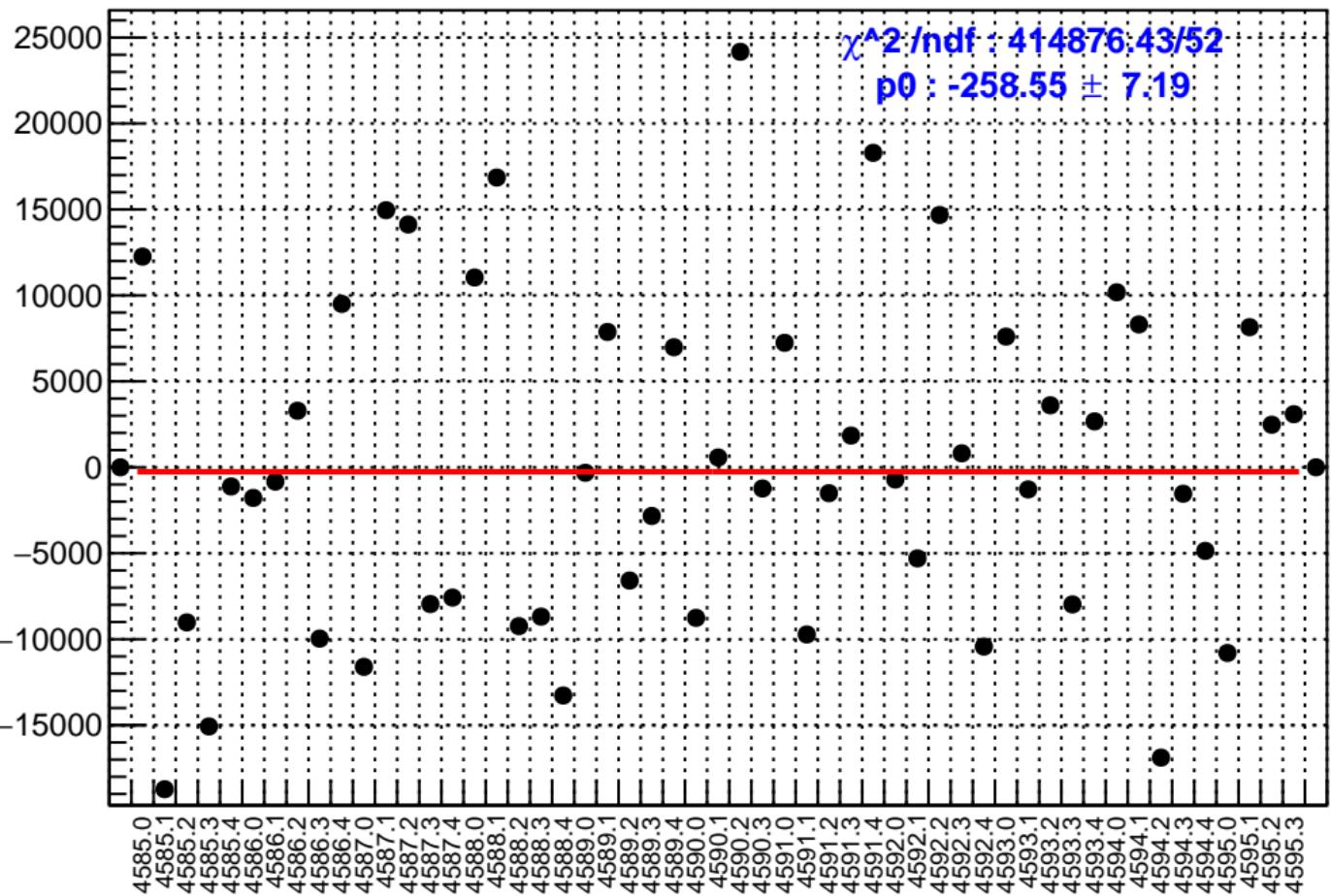


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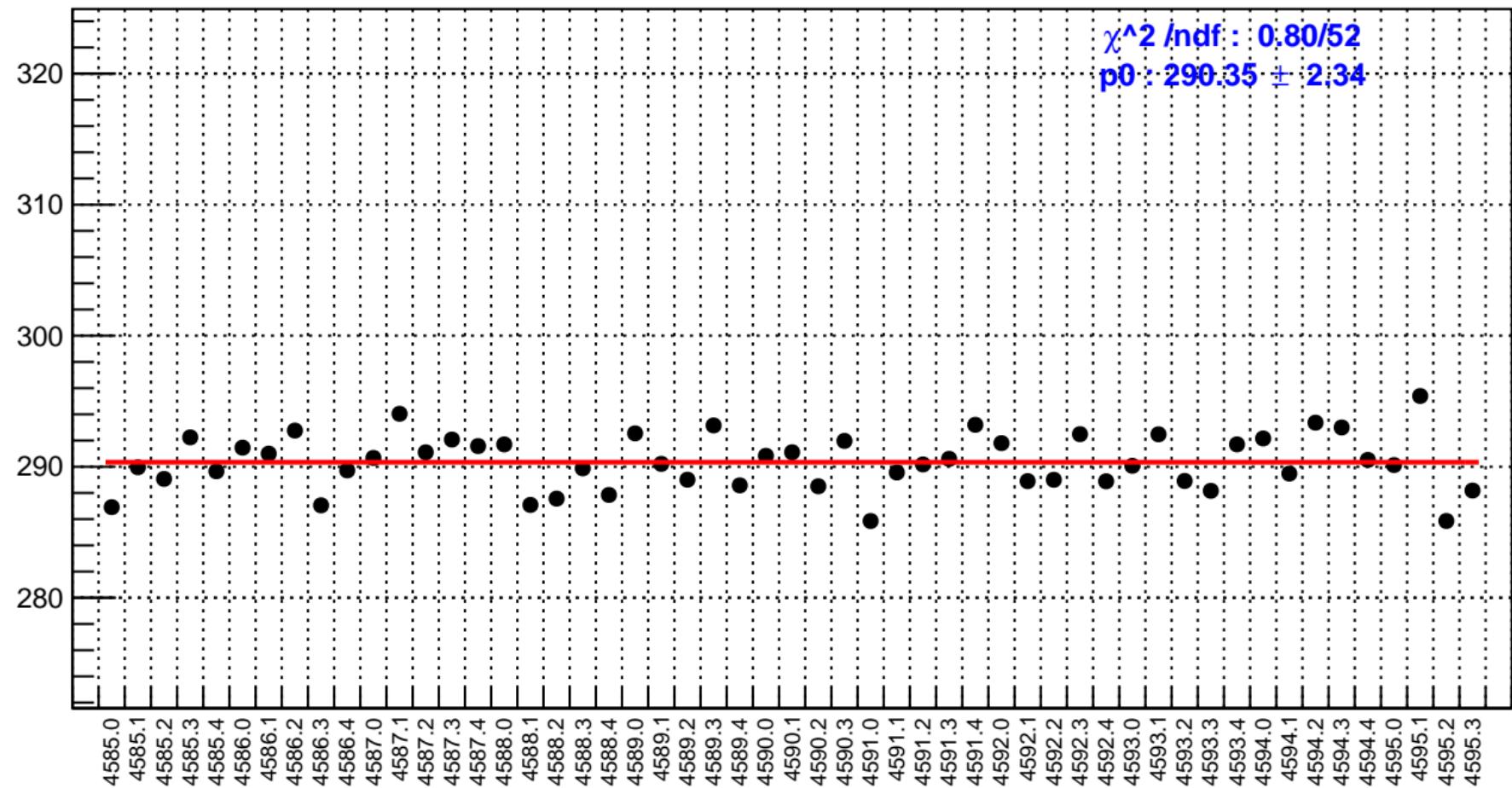


1D pull distribution

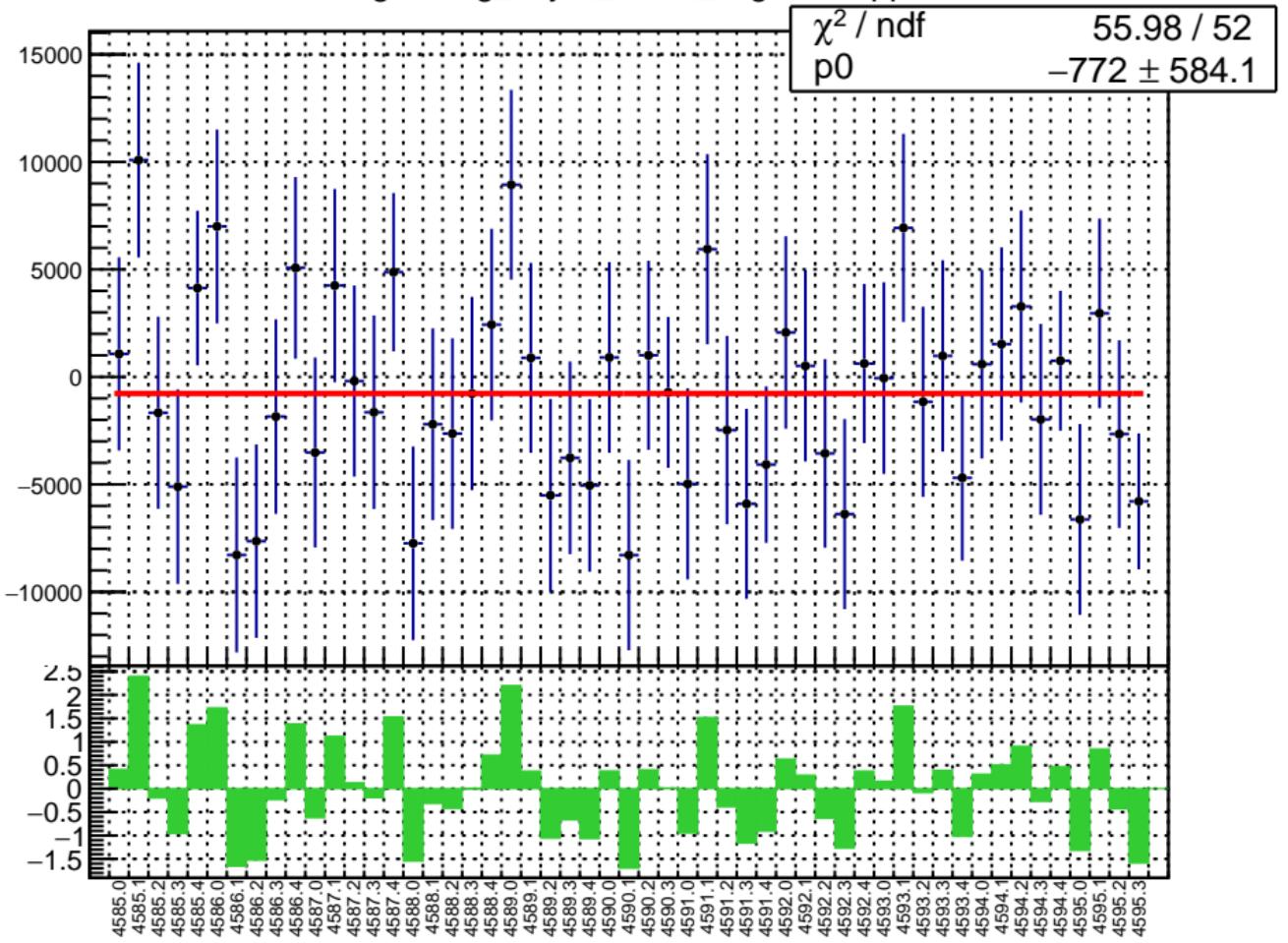




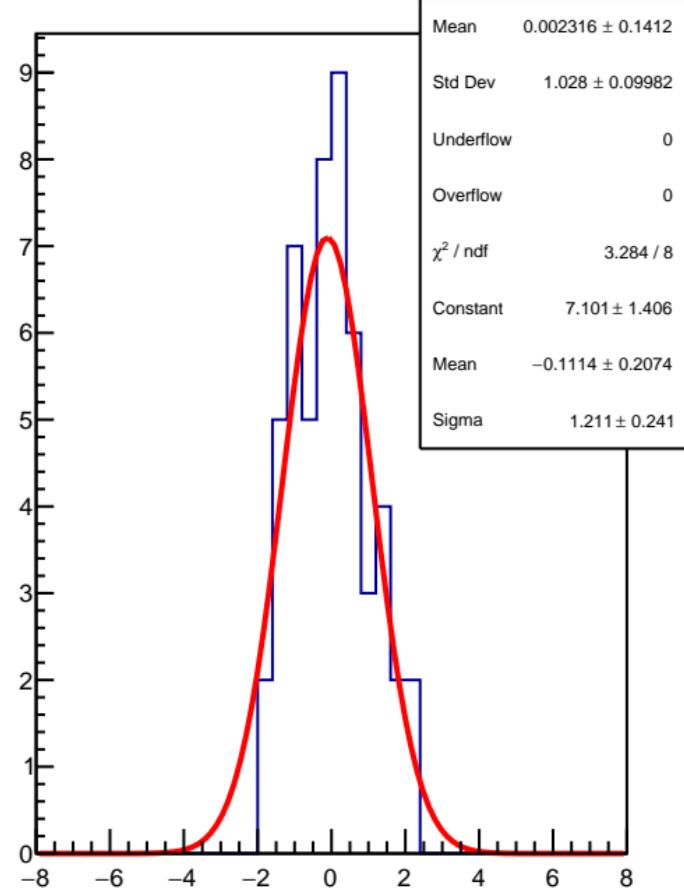
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slug70: reg_asym_atl1r2_avg.mean/ppb

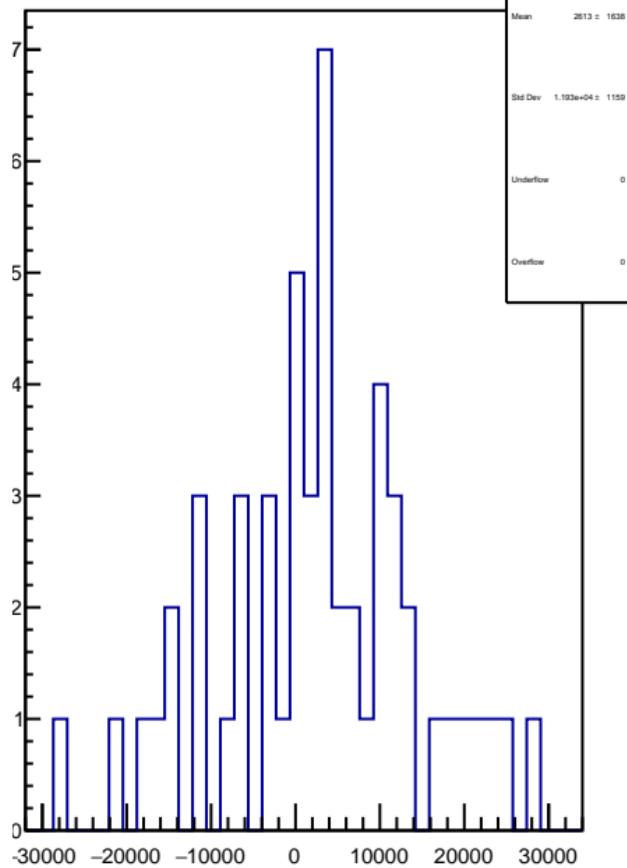
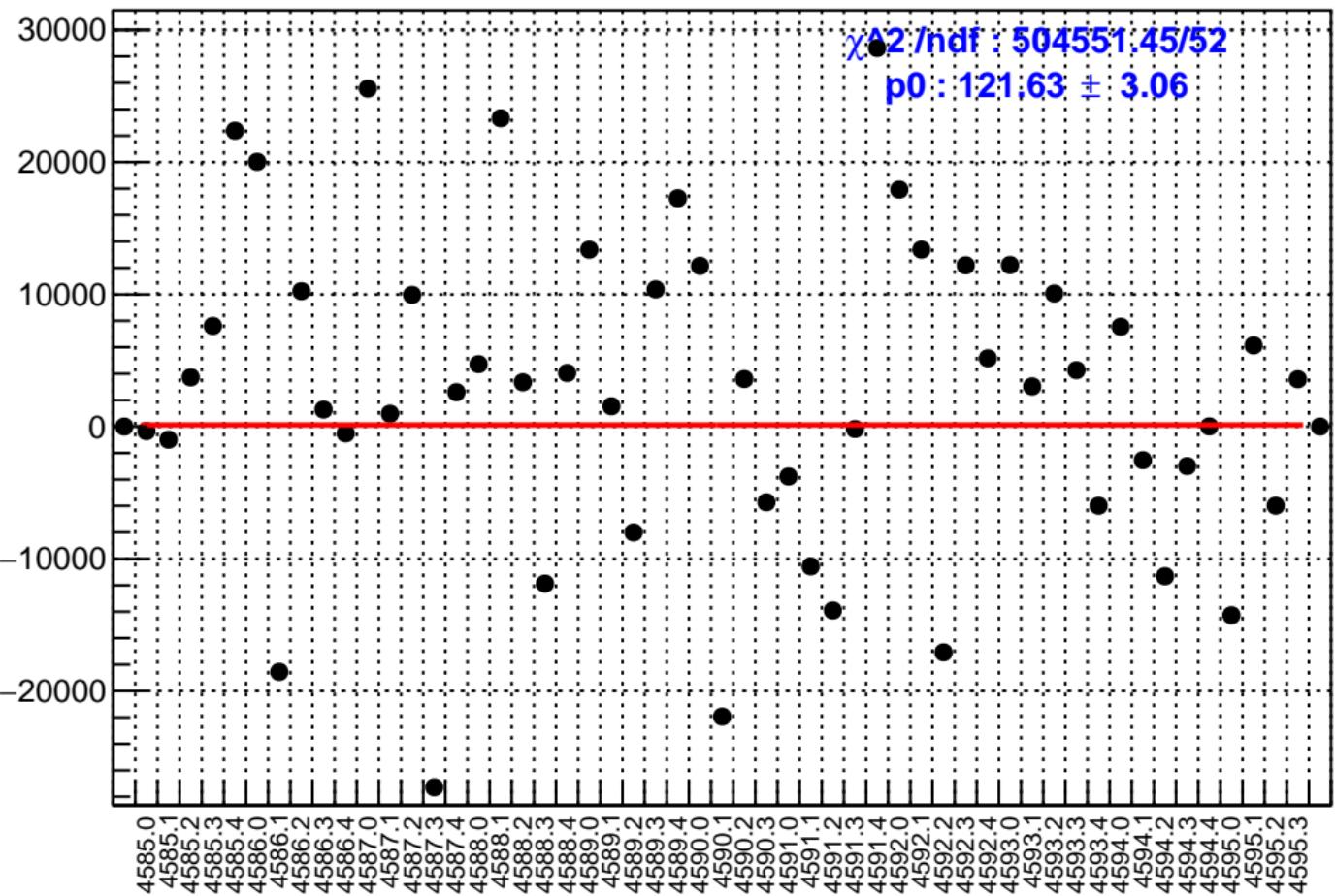


1D pull distribution

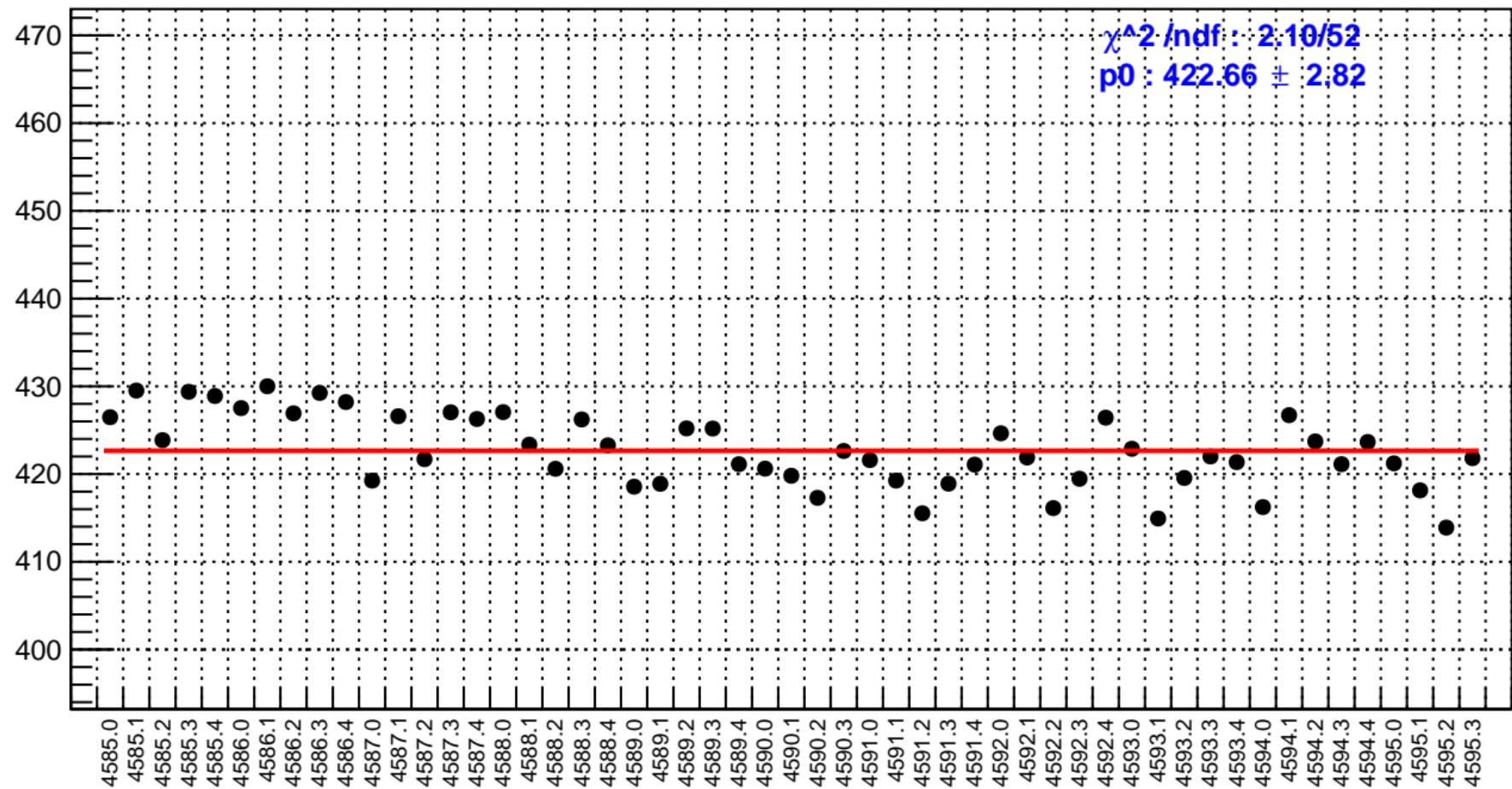


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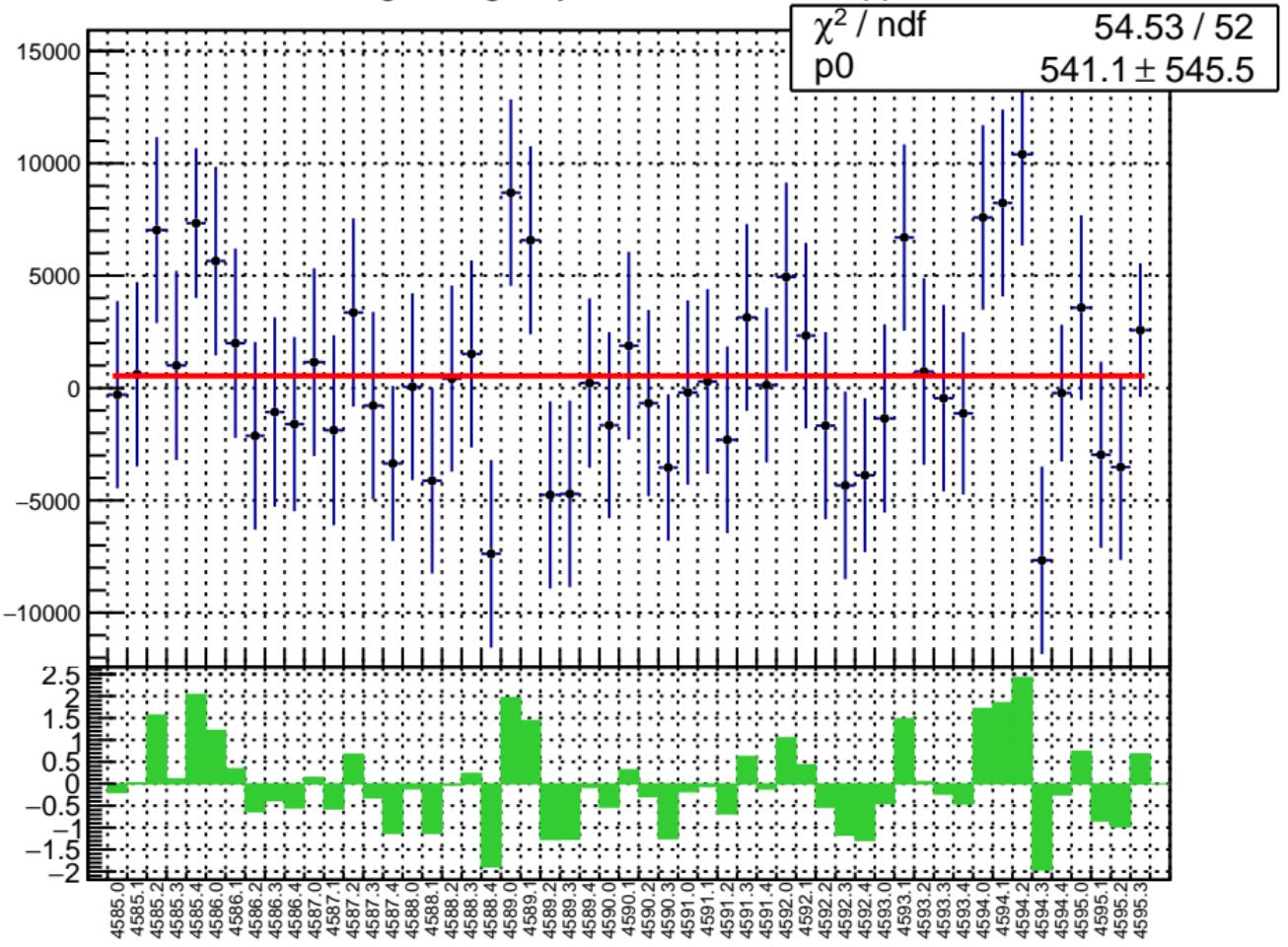
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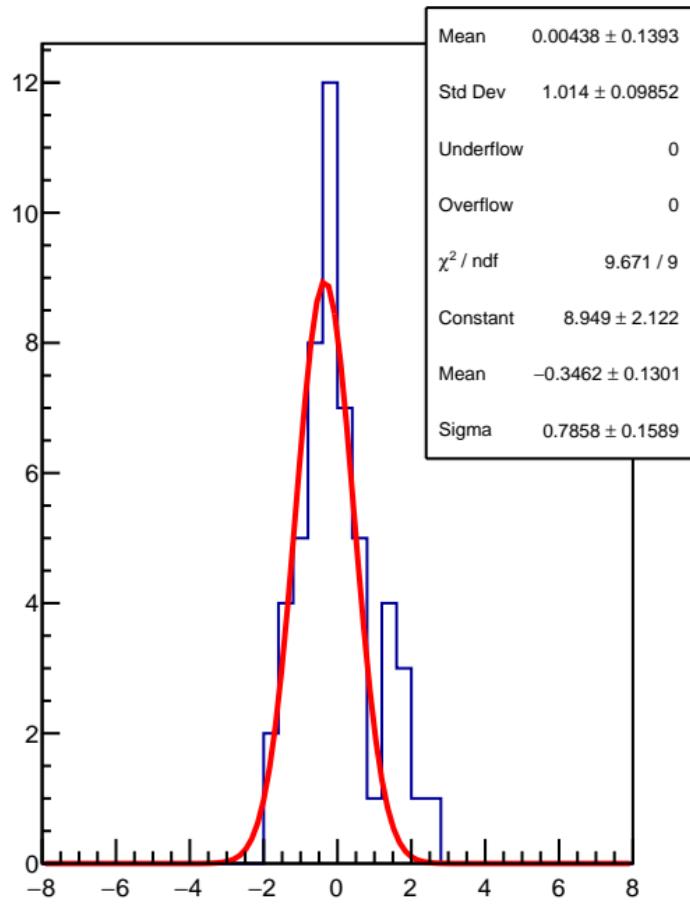
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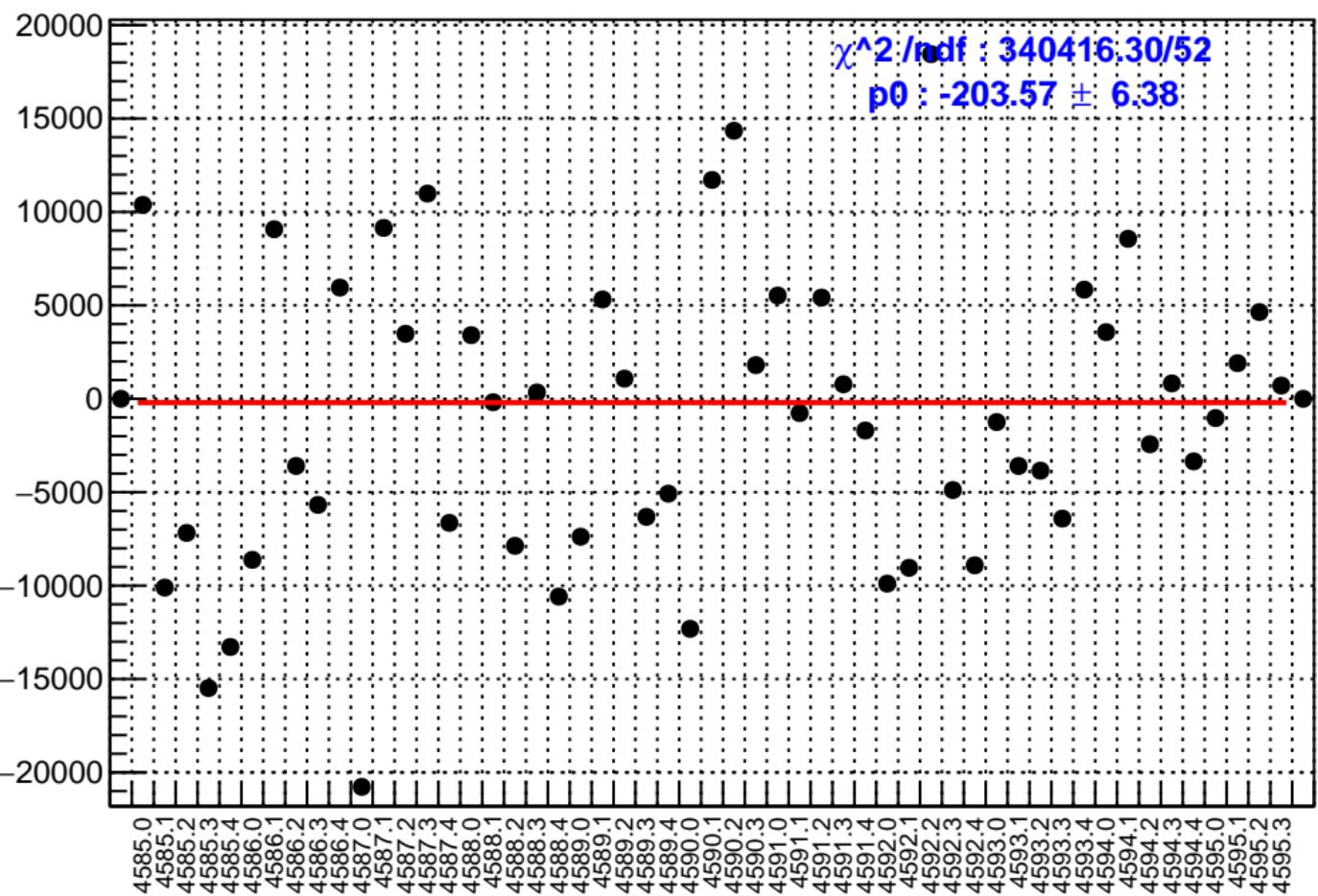
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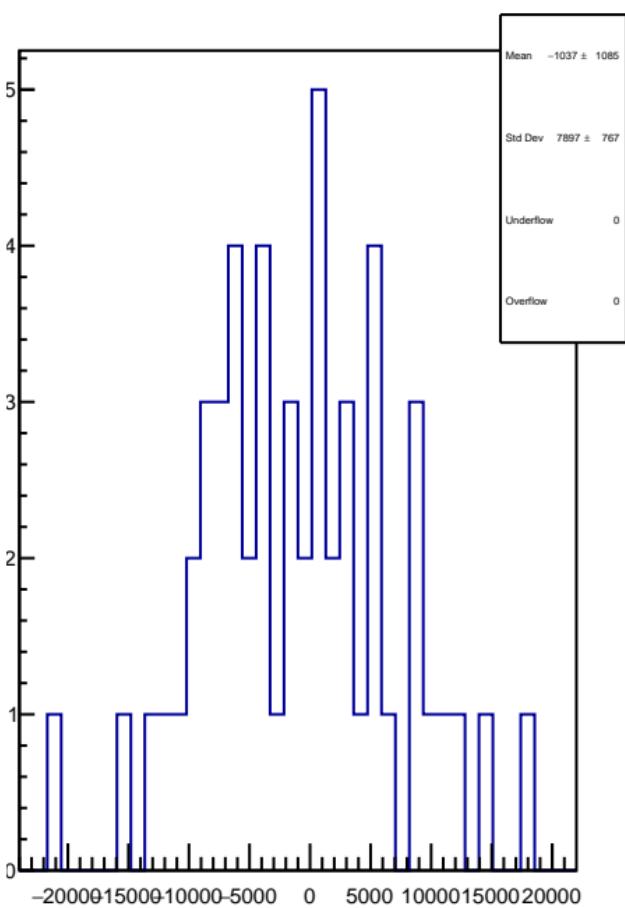
1D pull distribution



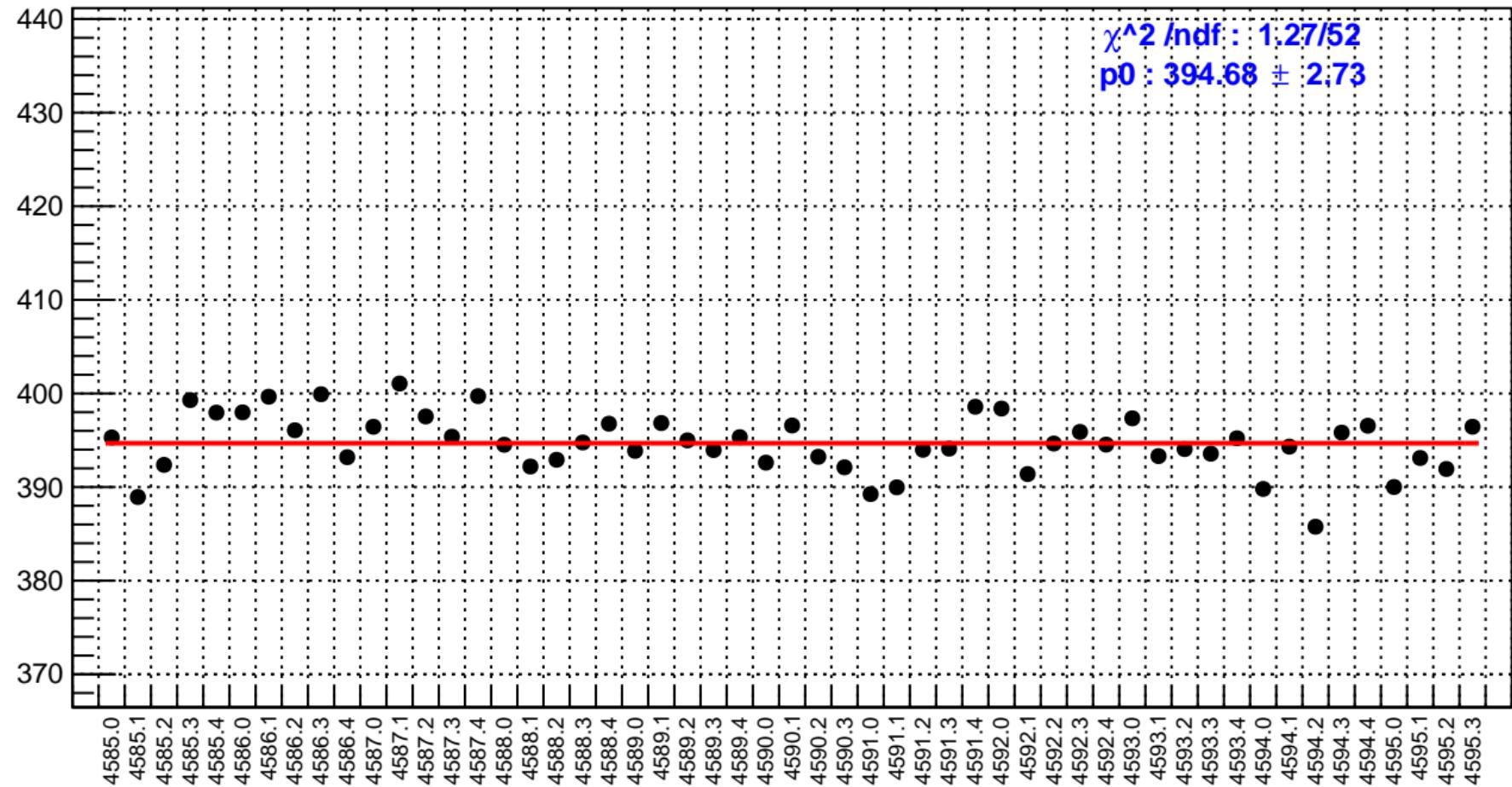
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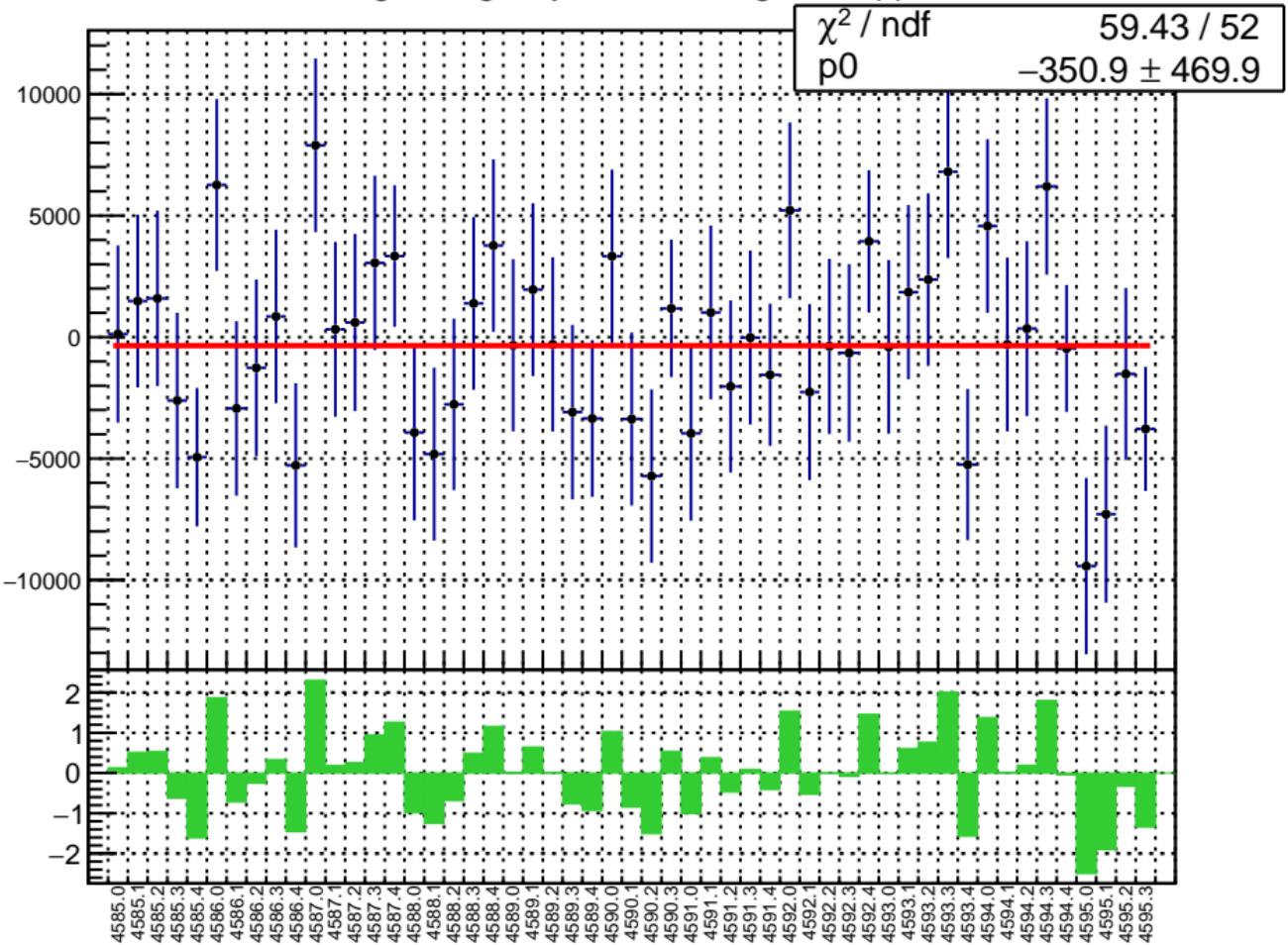
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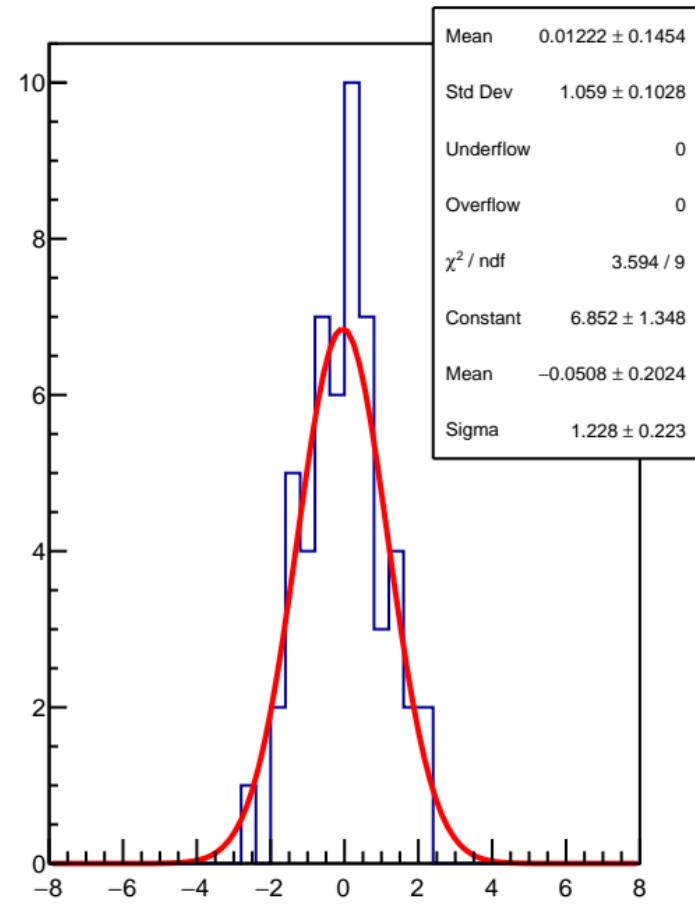
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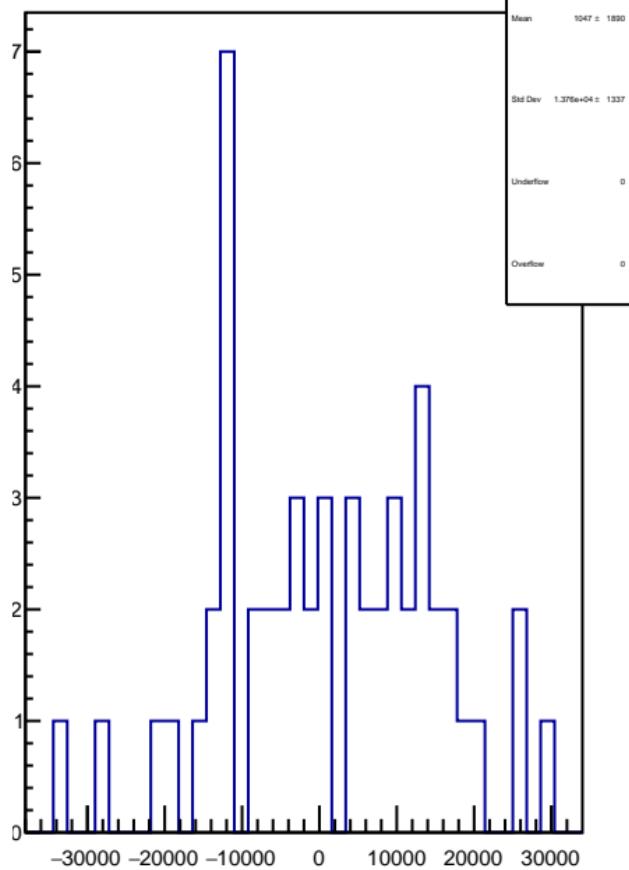
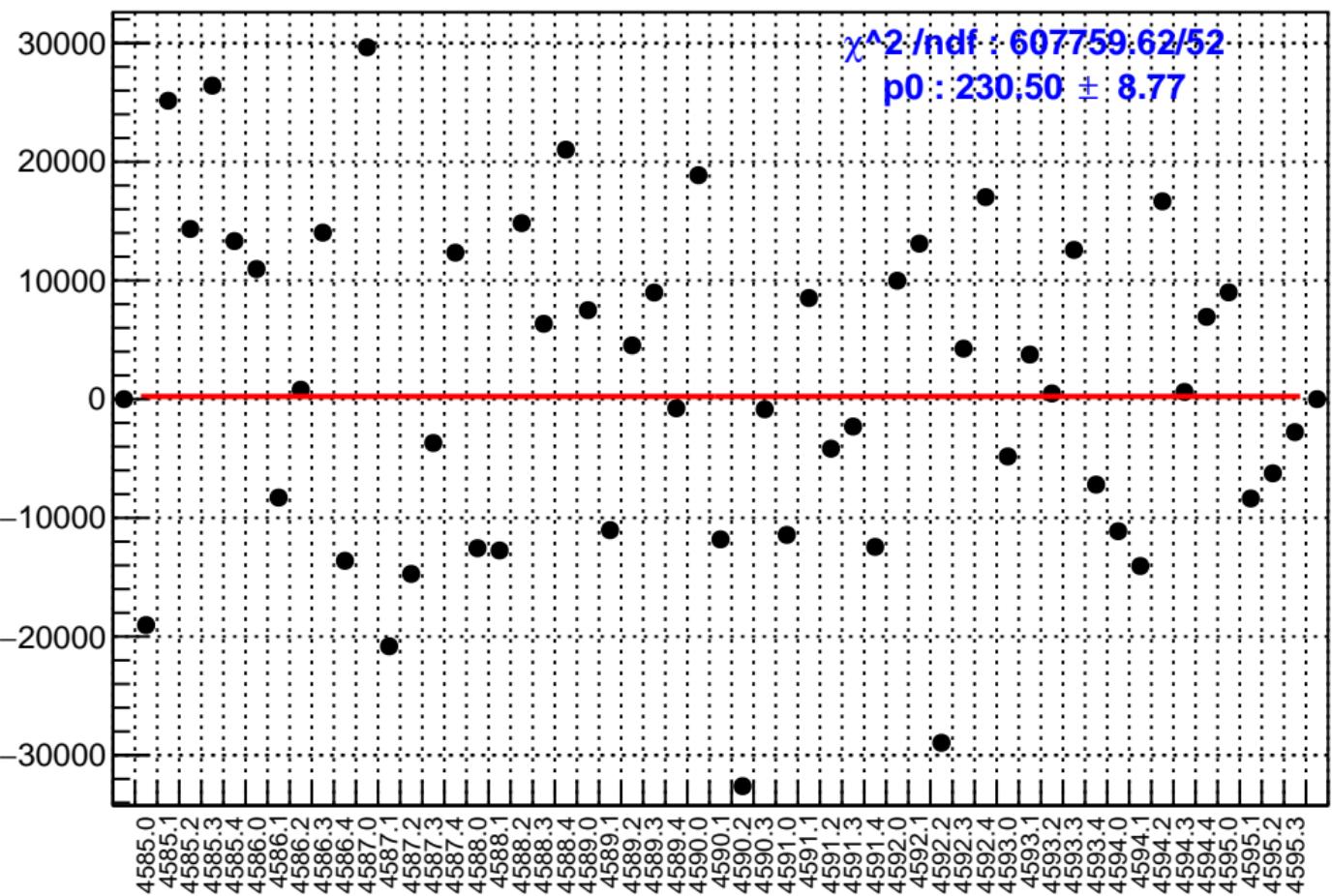


1D pull distribution

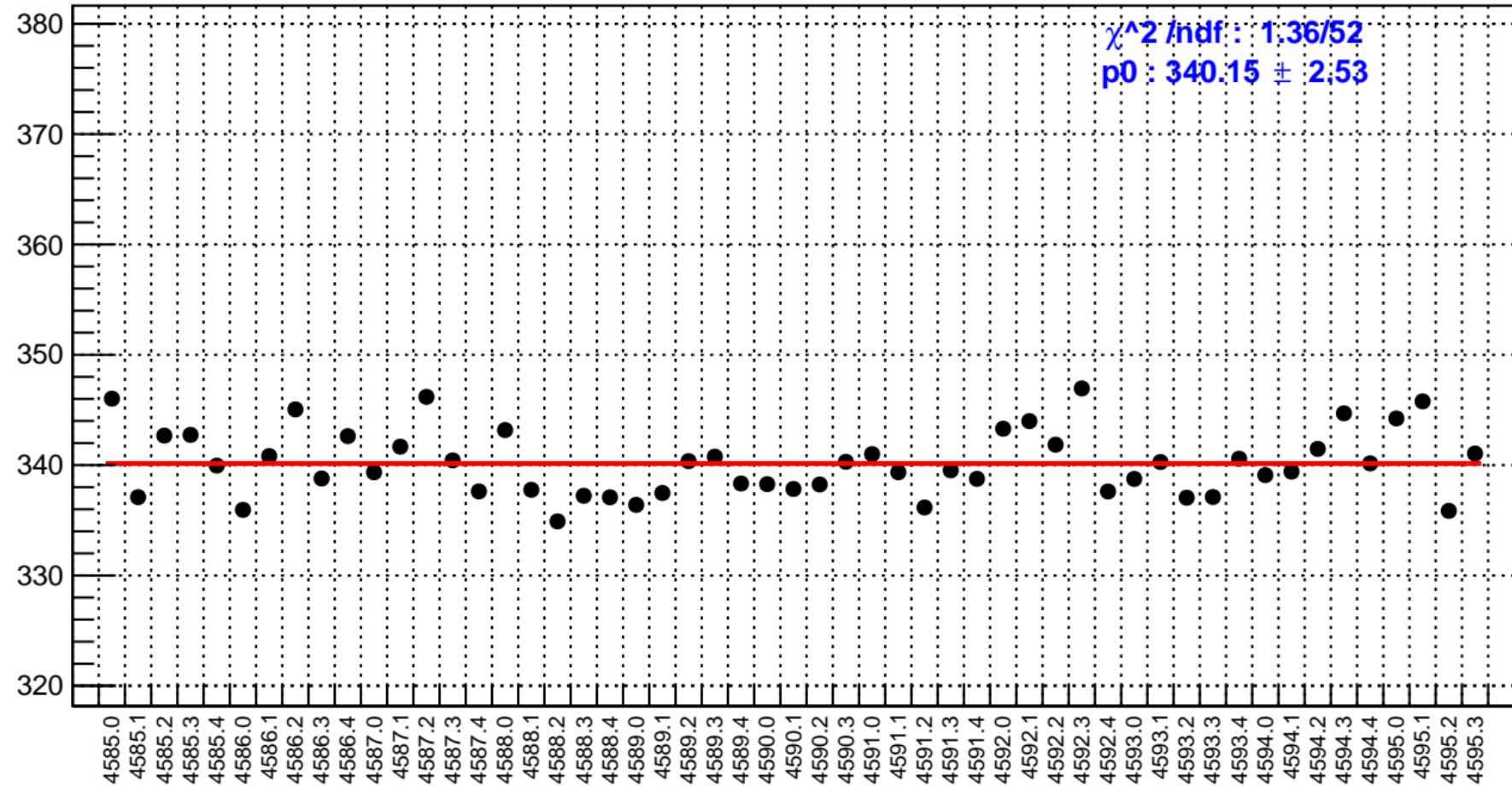


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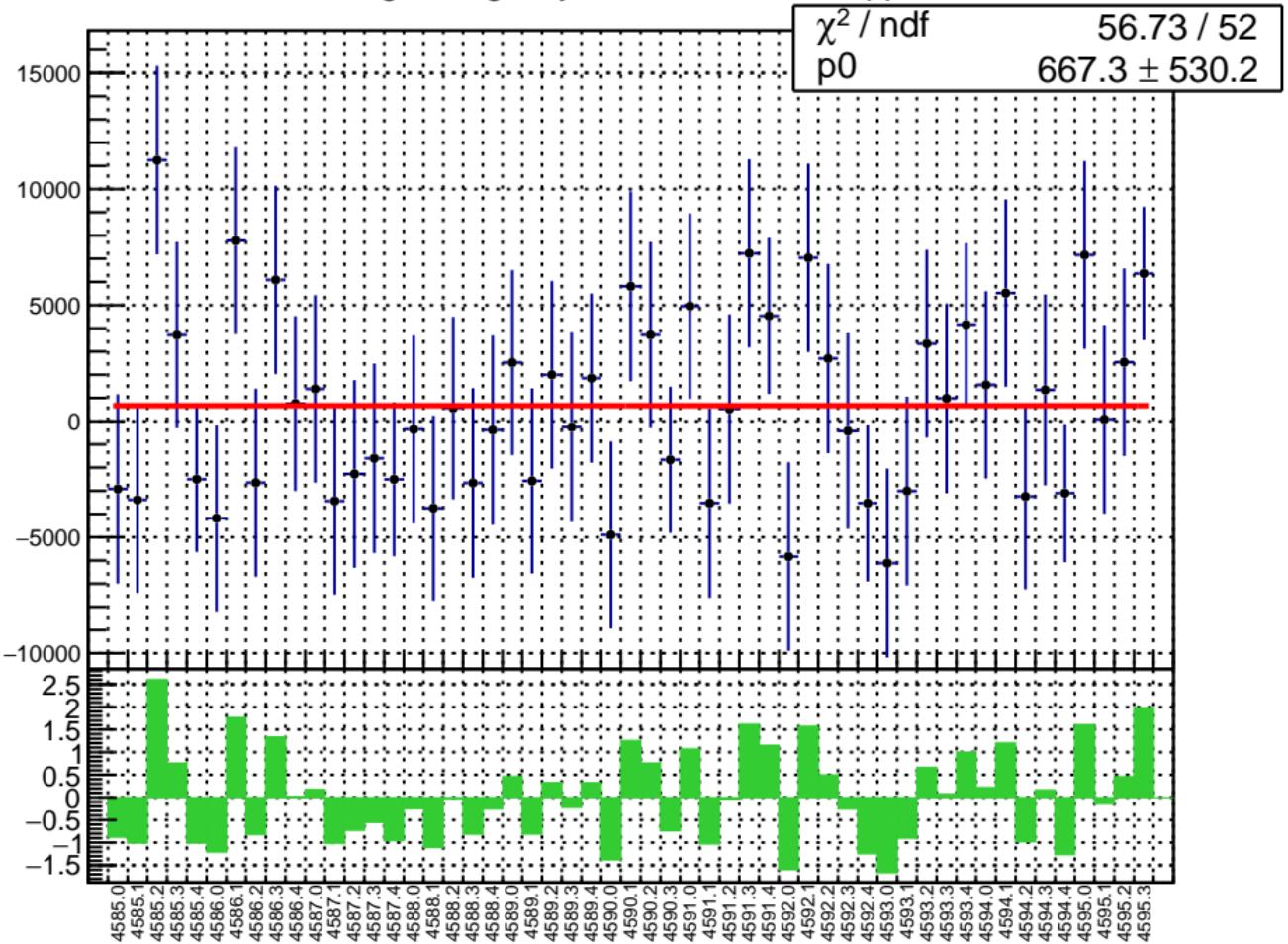
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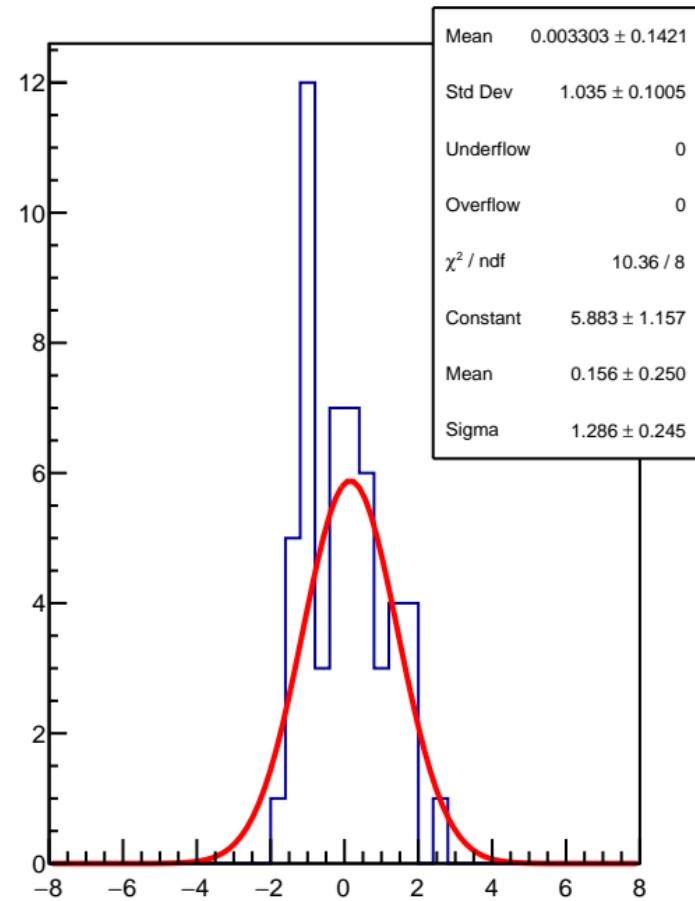
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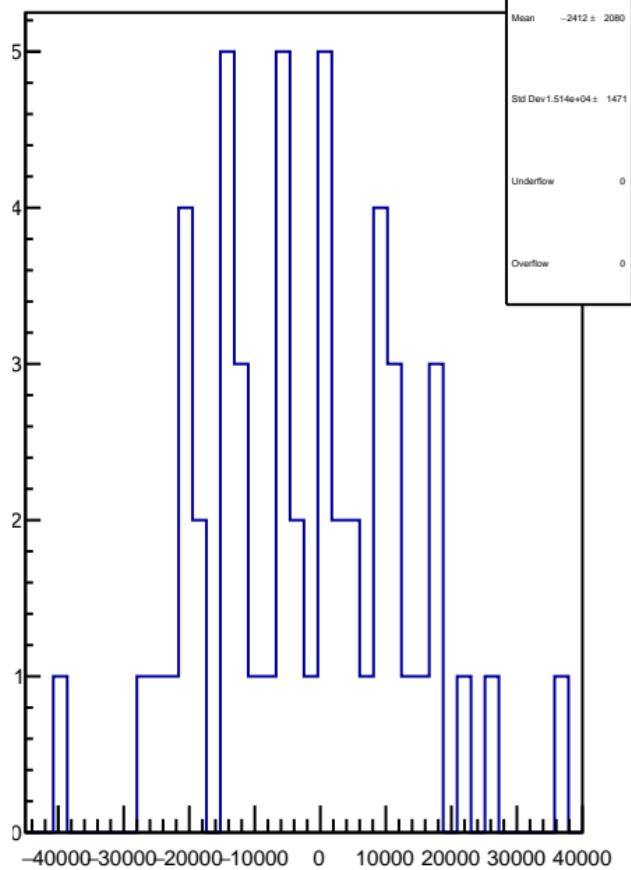
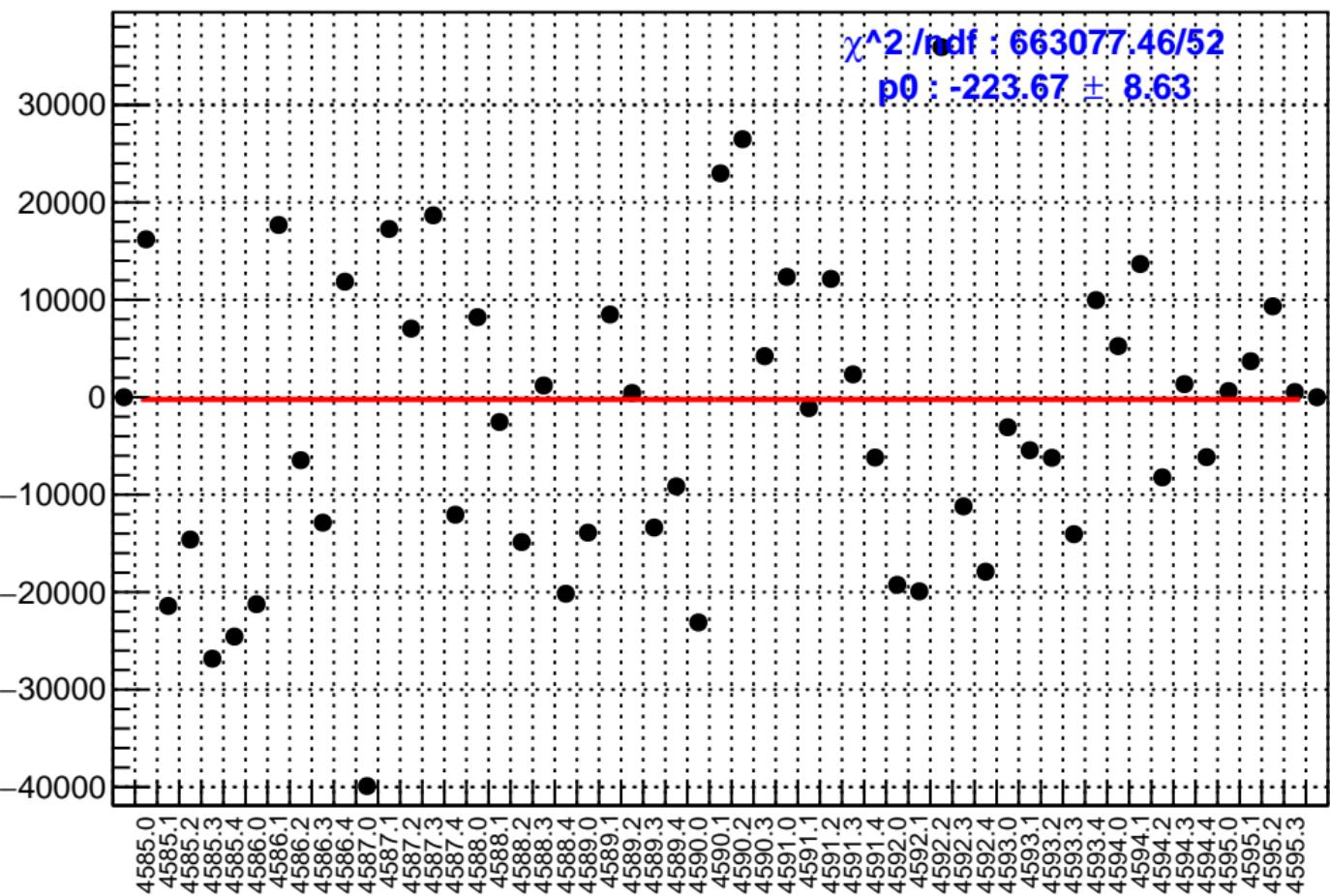


1D pull distribution

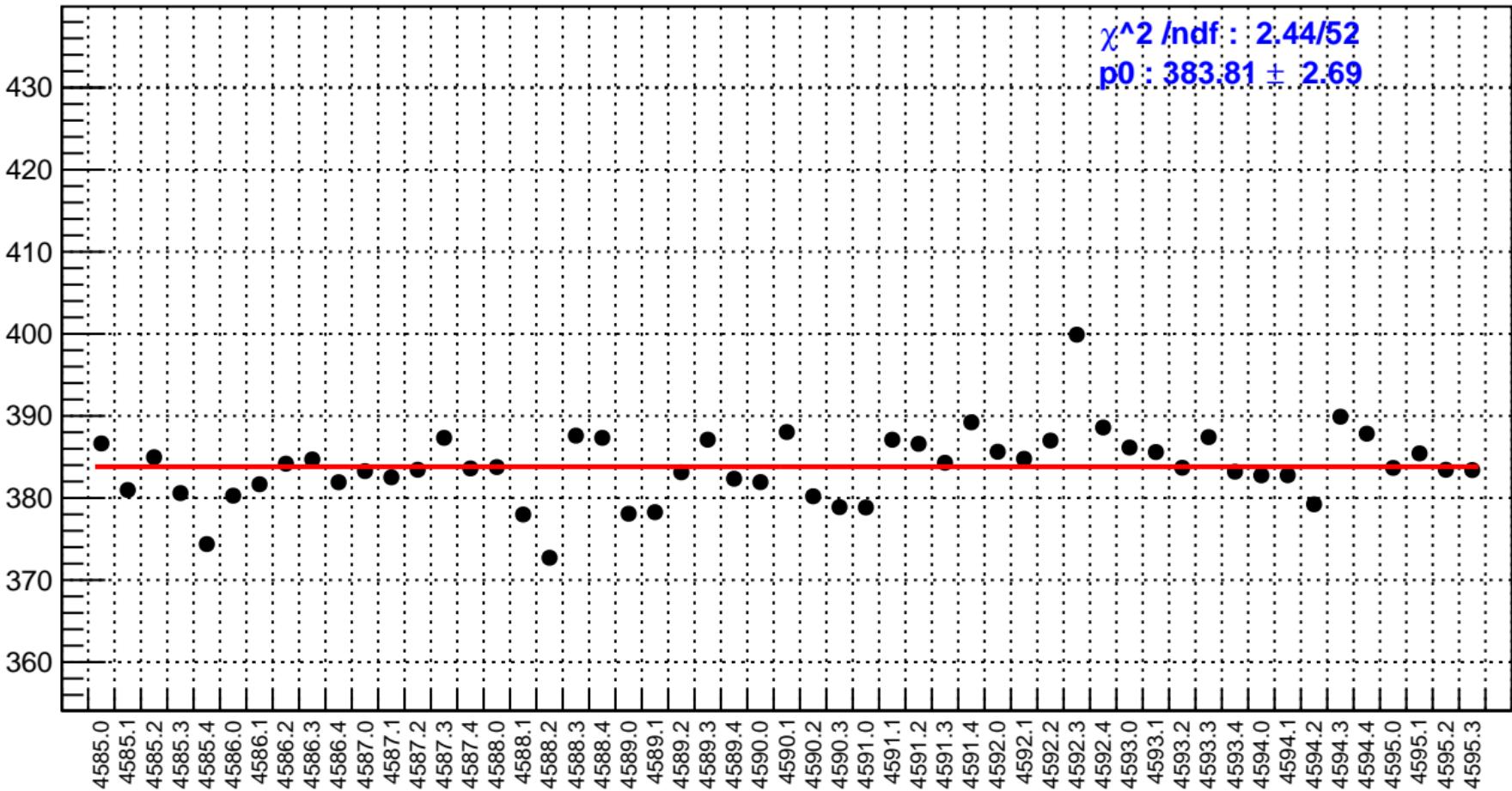


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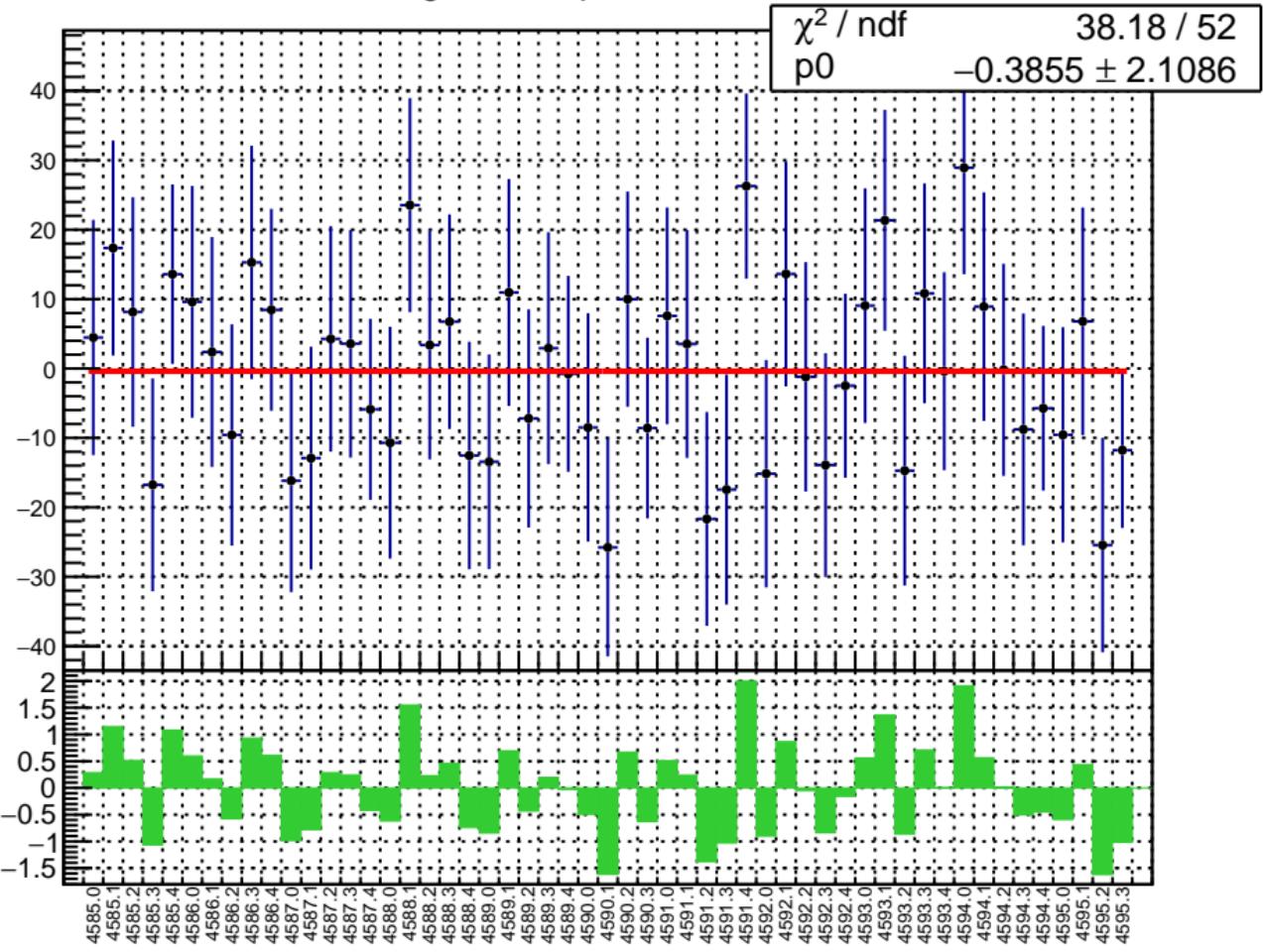
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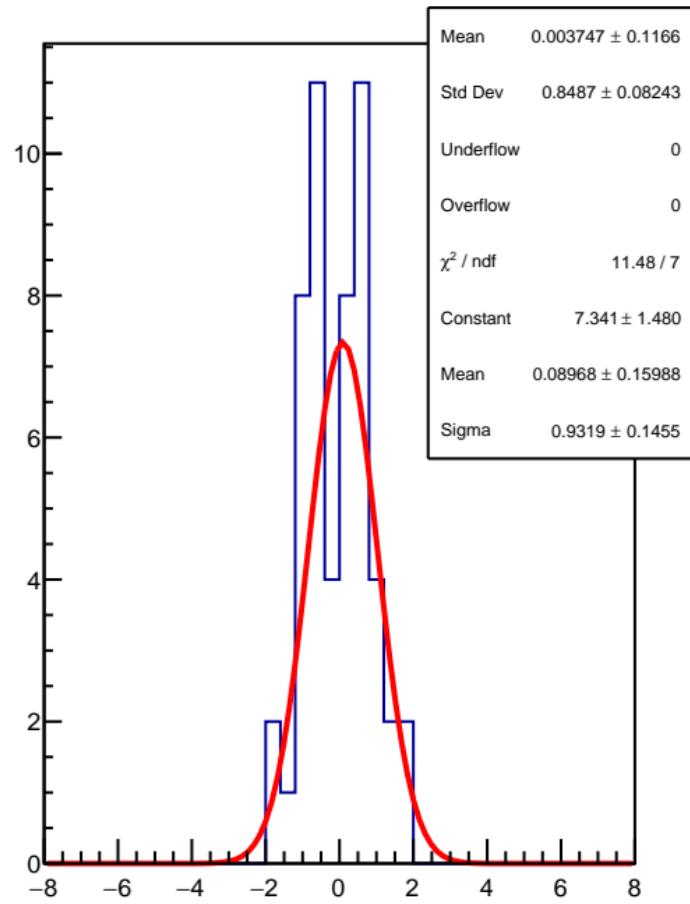
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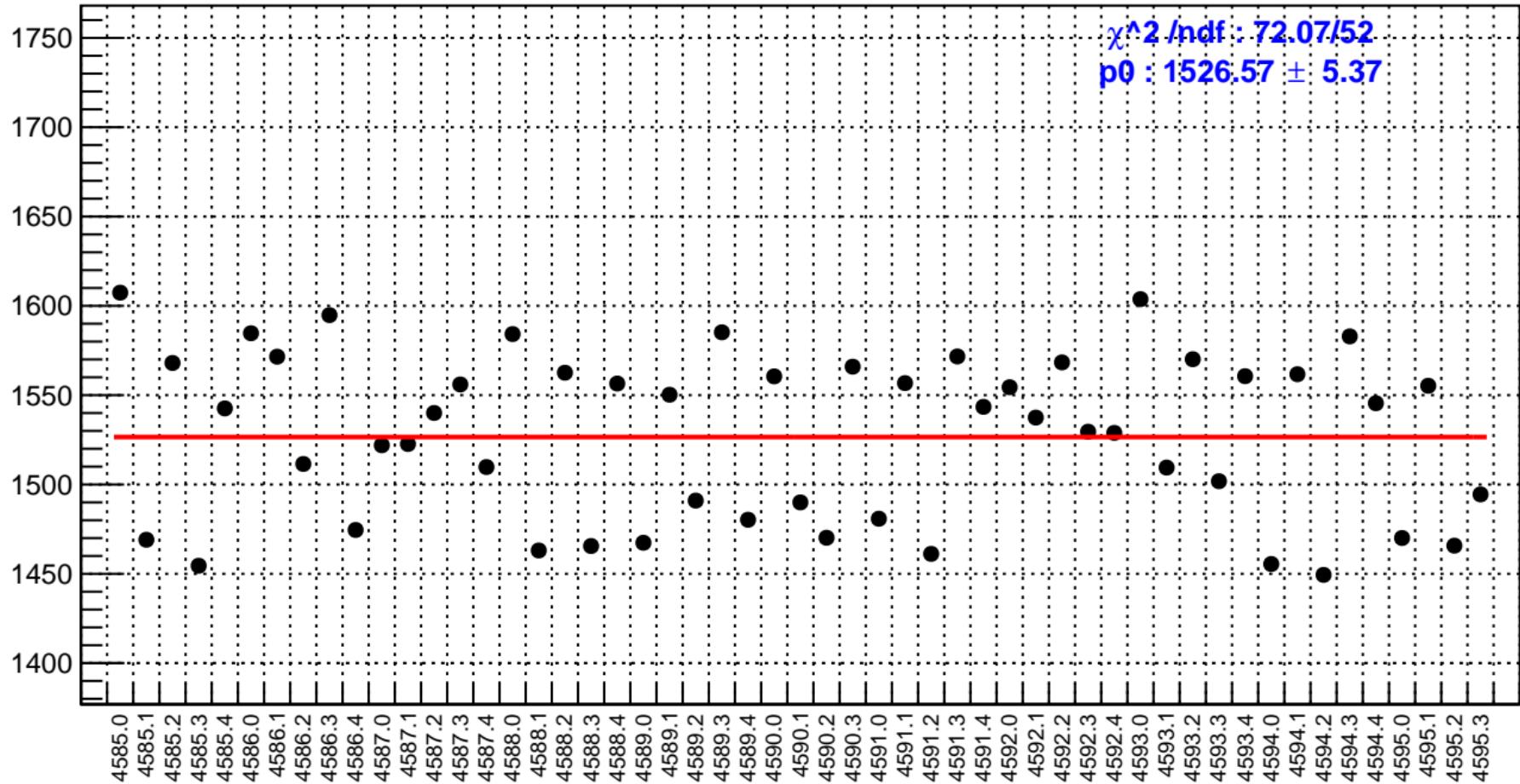
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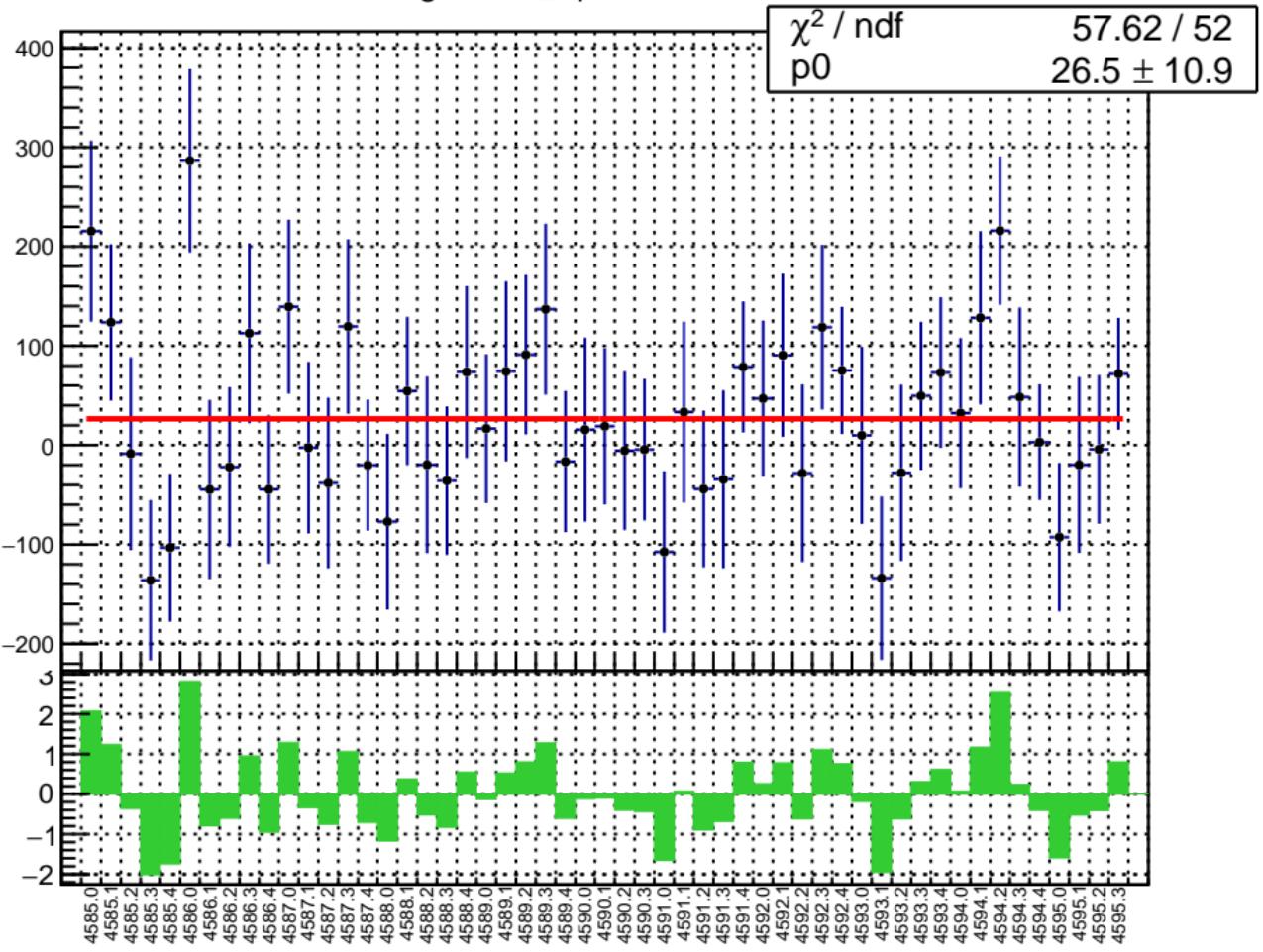
1D pull distribution



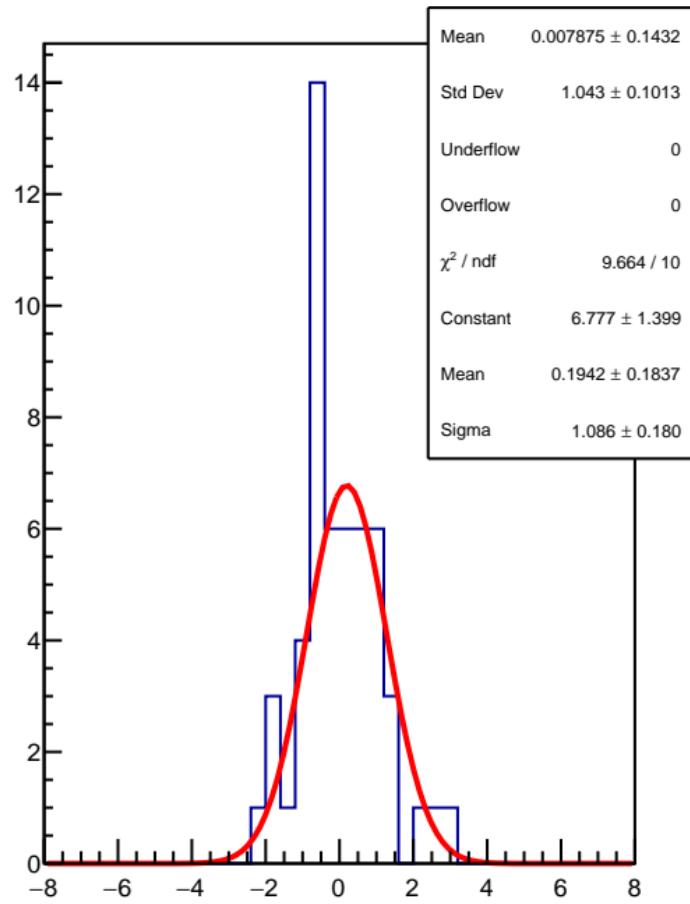
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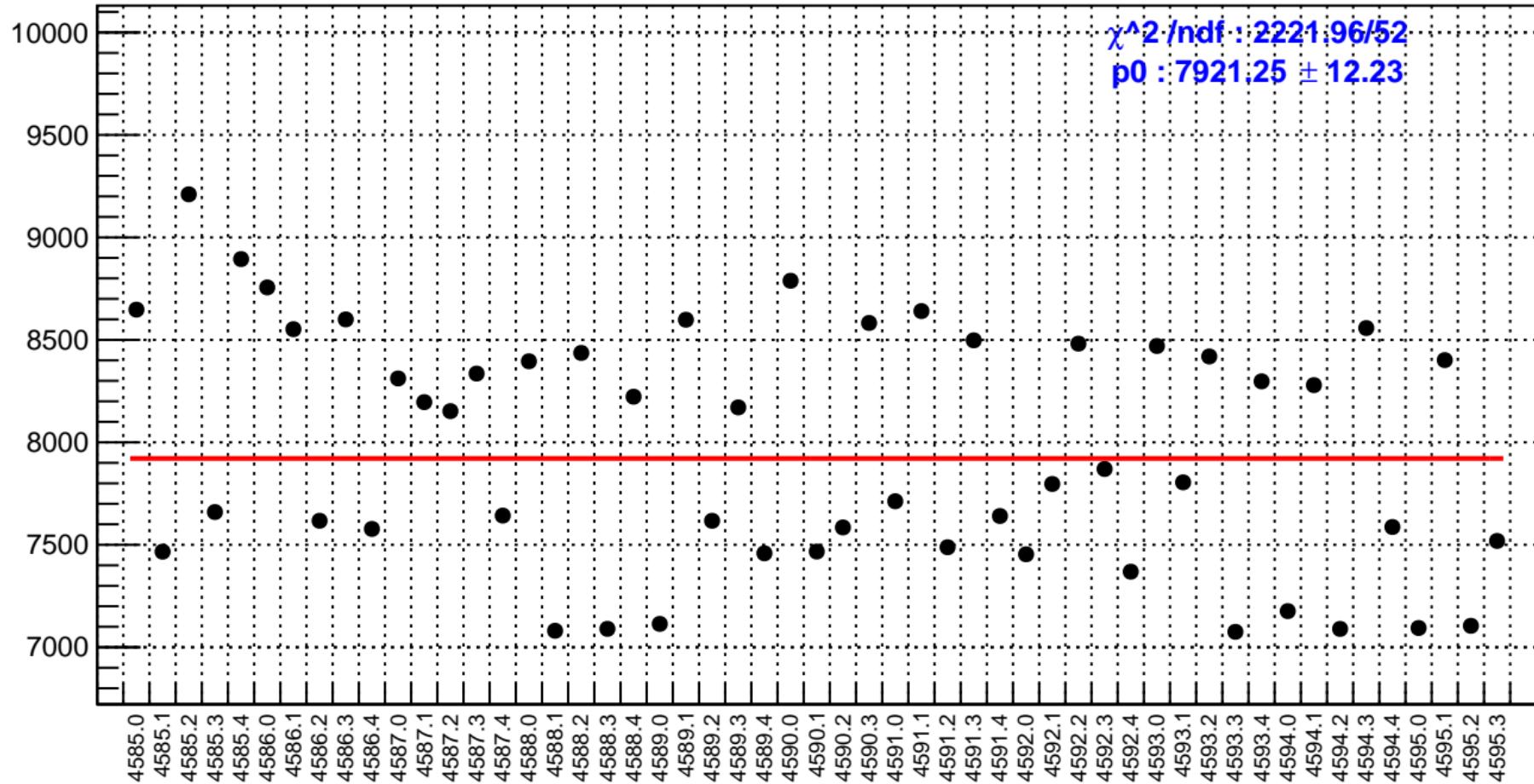
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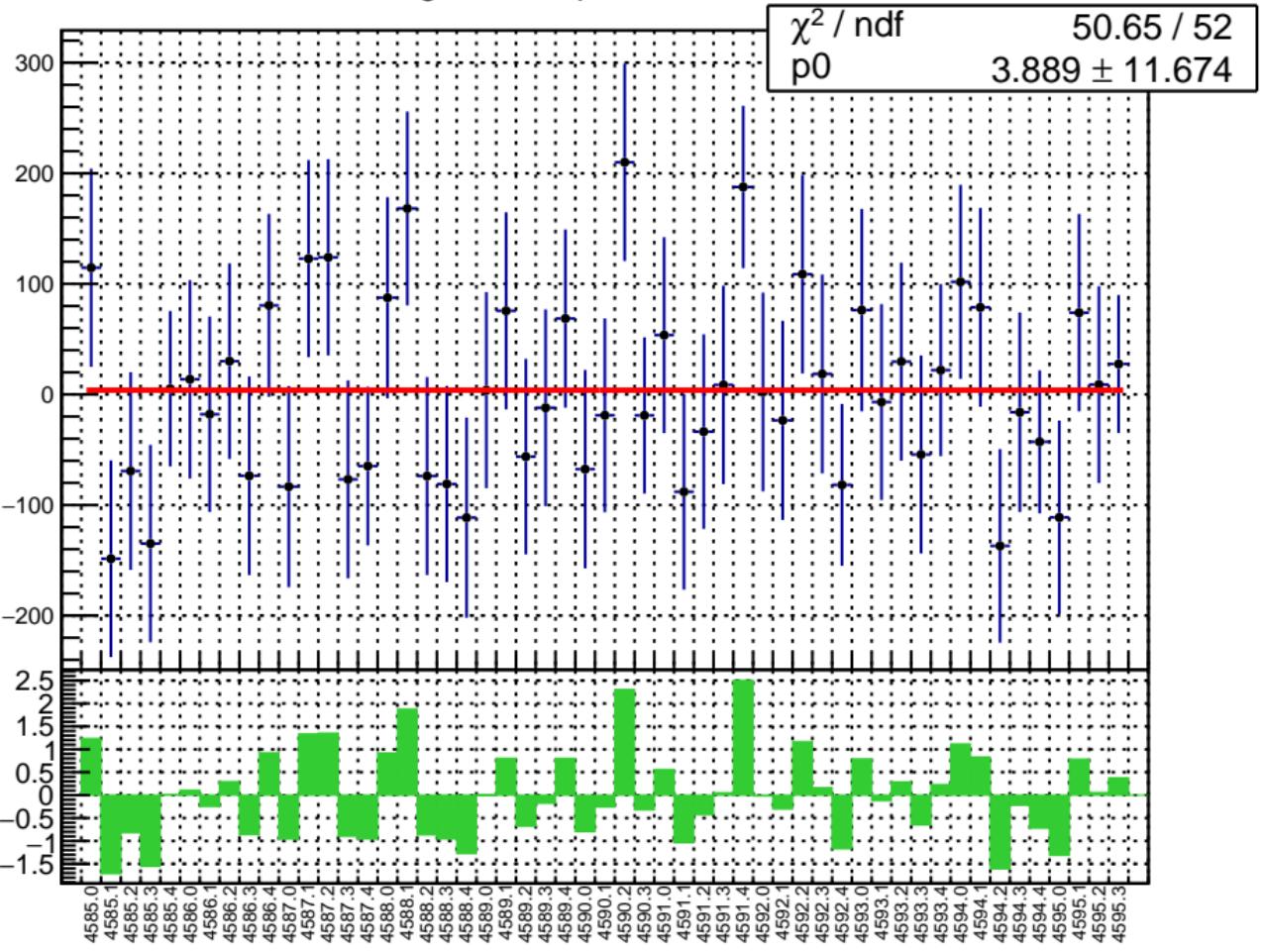
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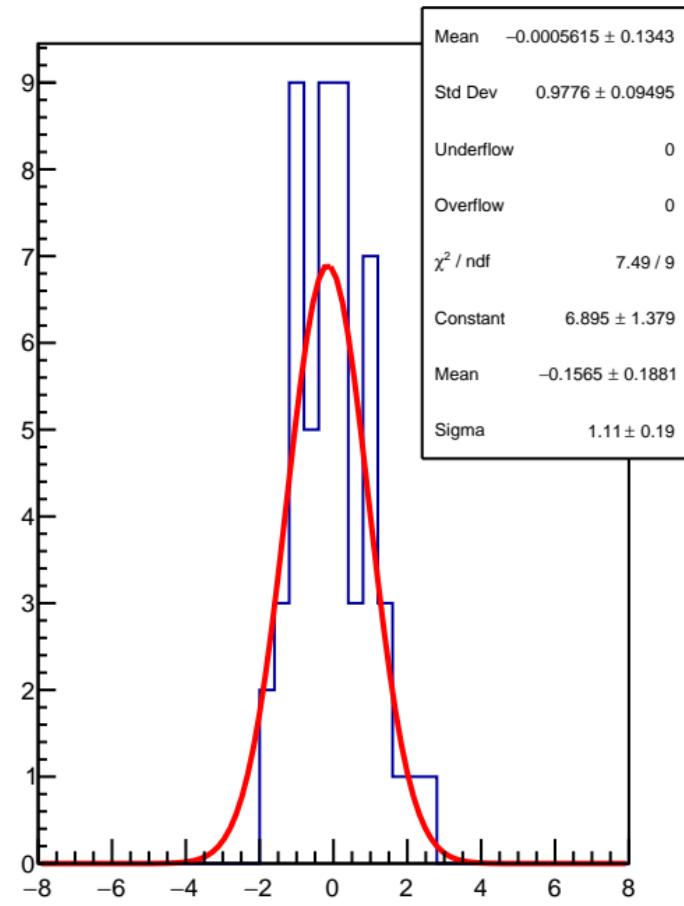
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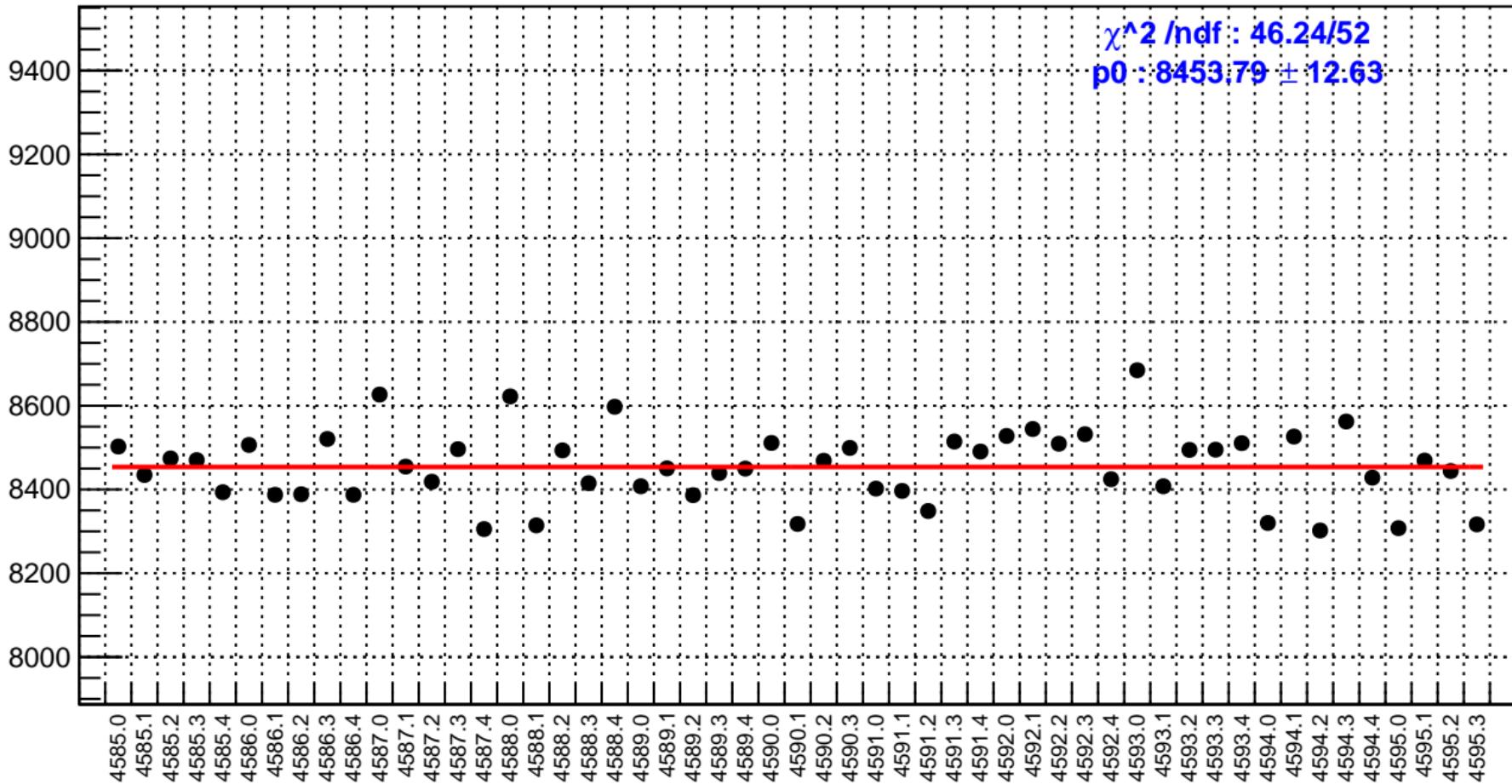
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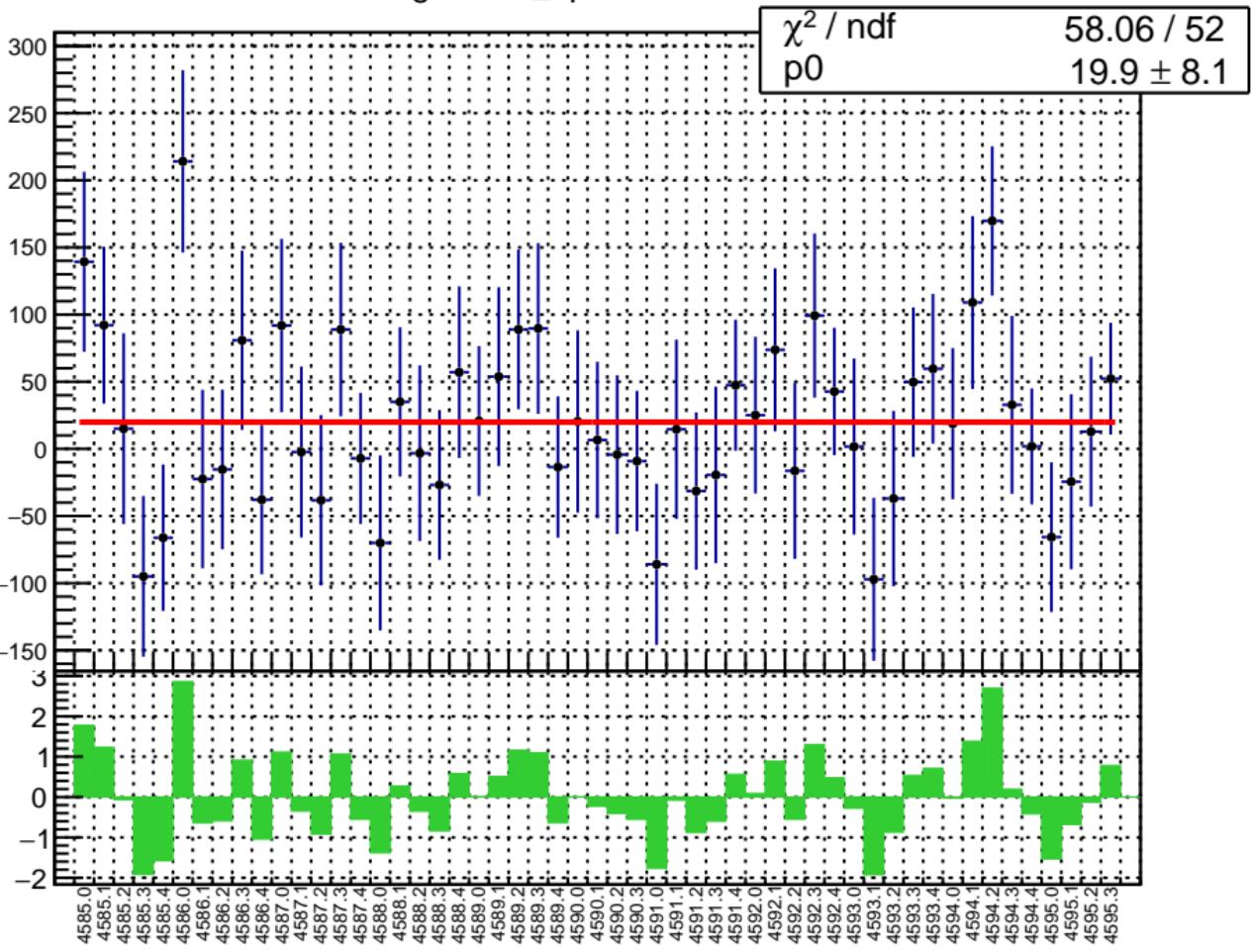
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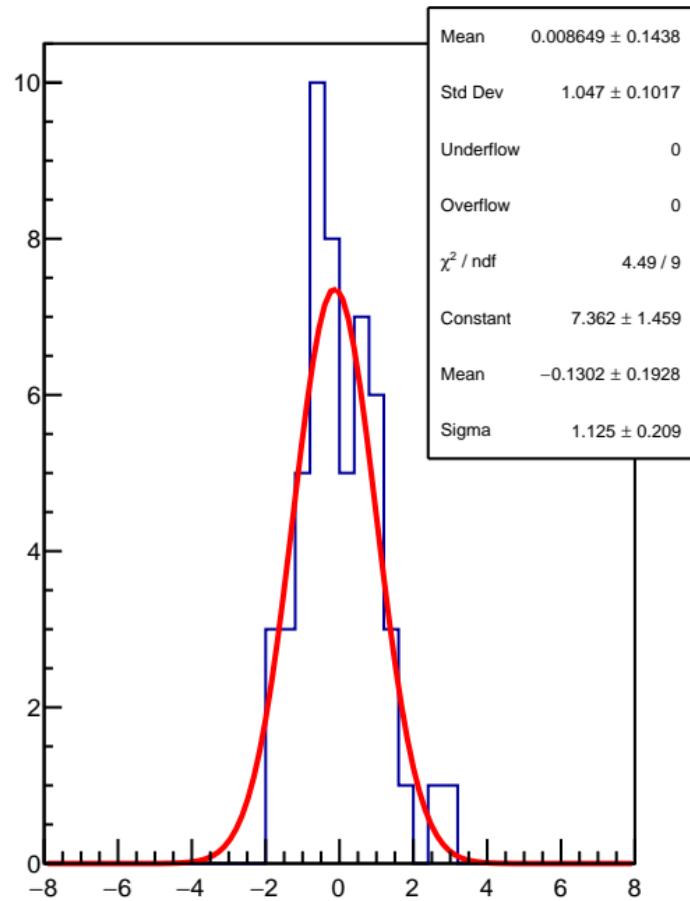
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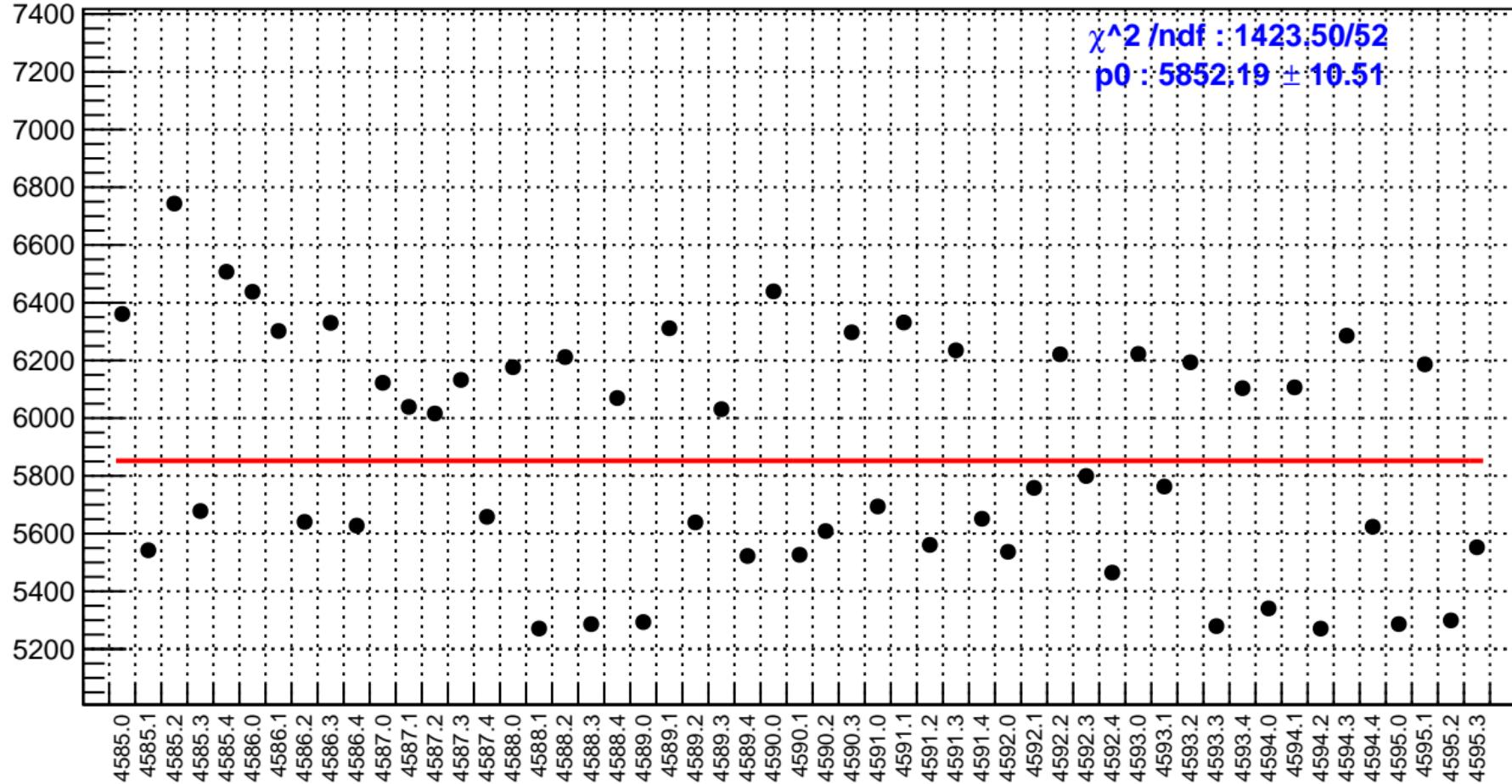
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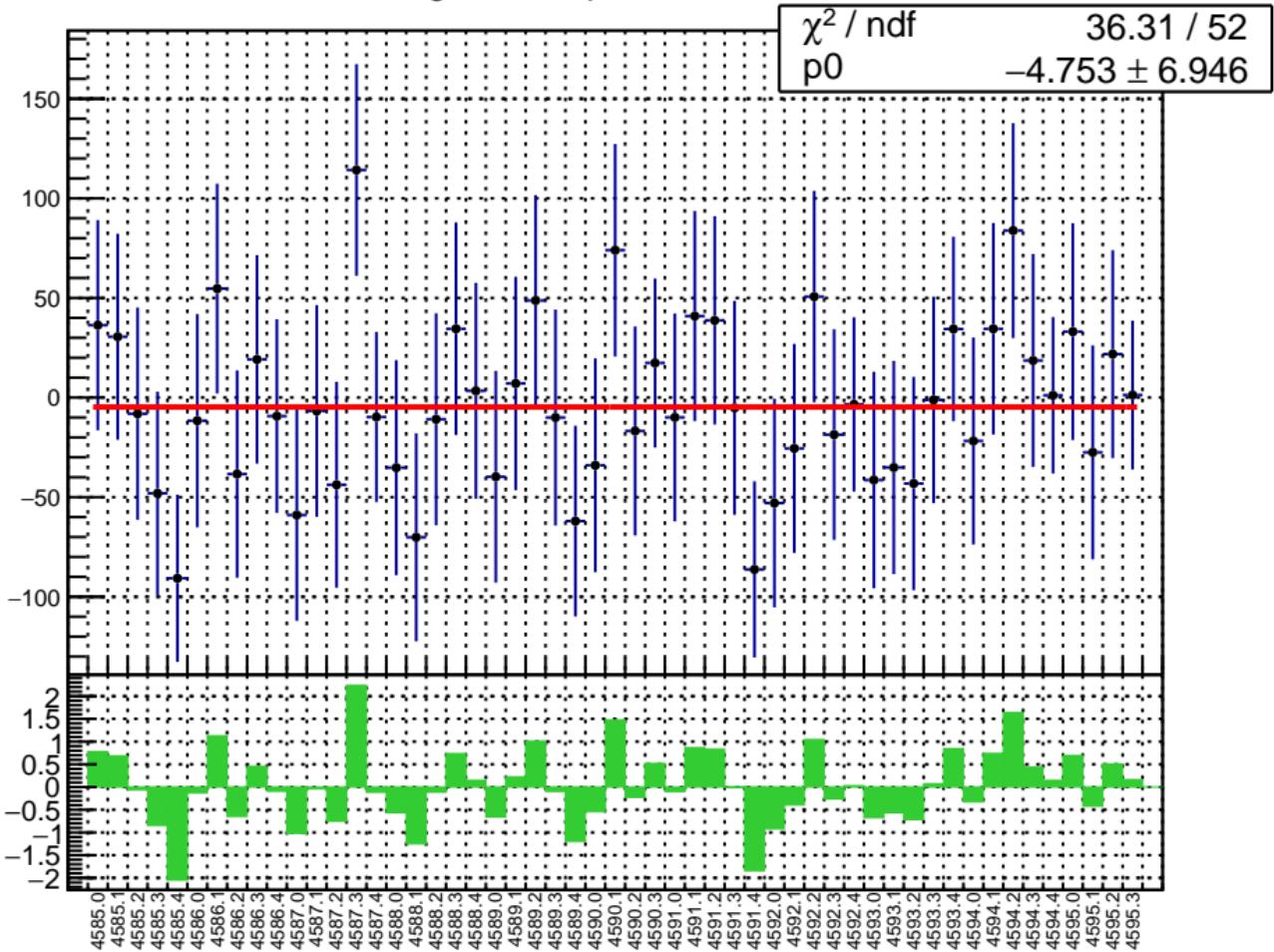
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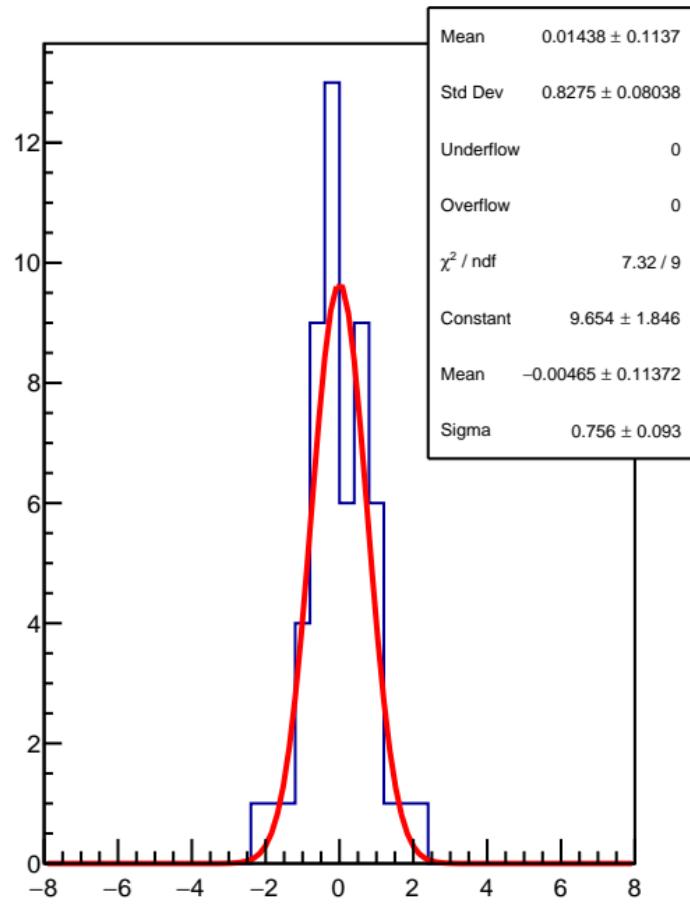
slug70: diff_bpm4eY.rms/nm



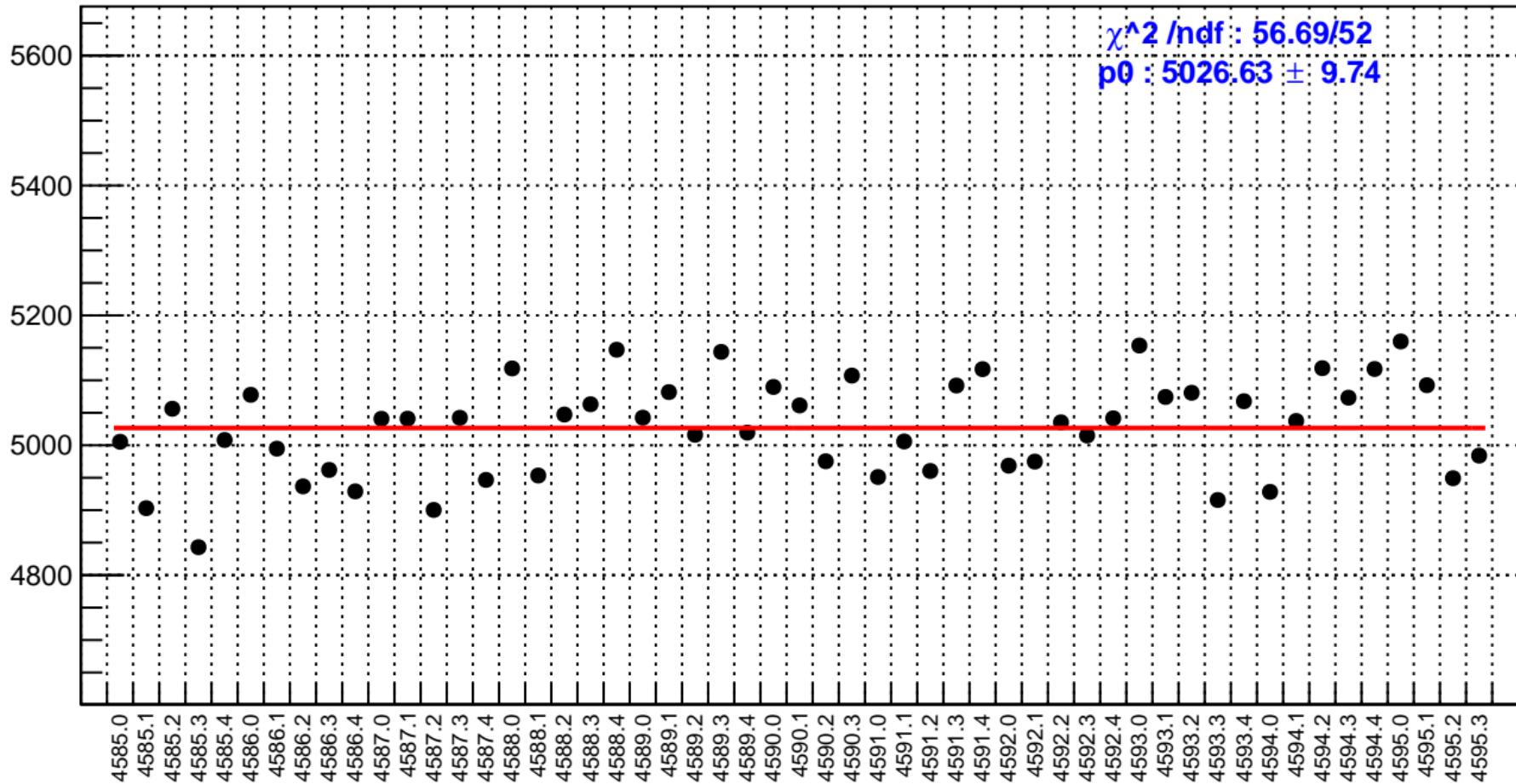
slug70: diff_bpm11X.mean/nm



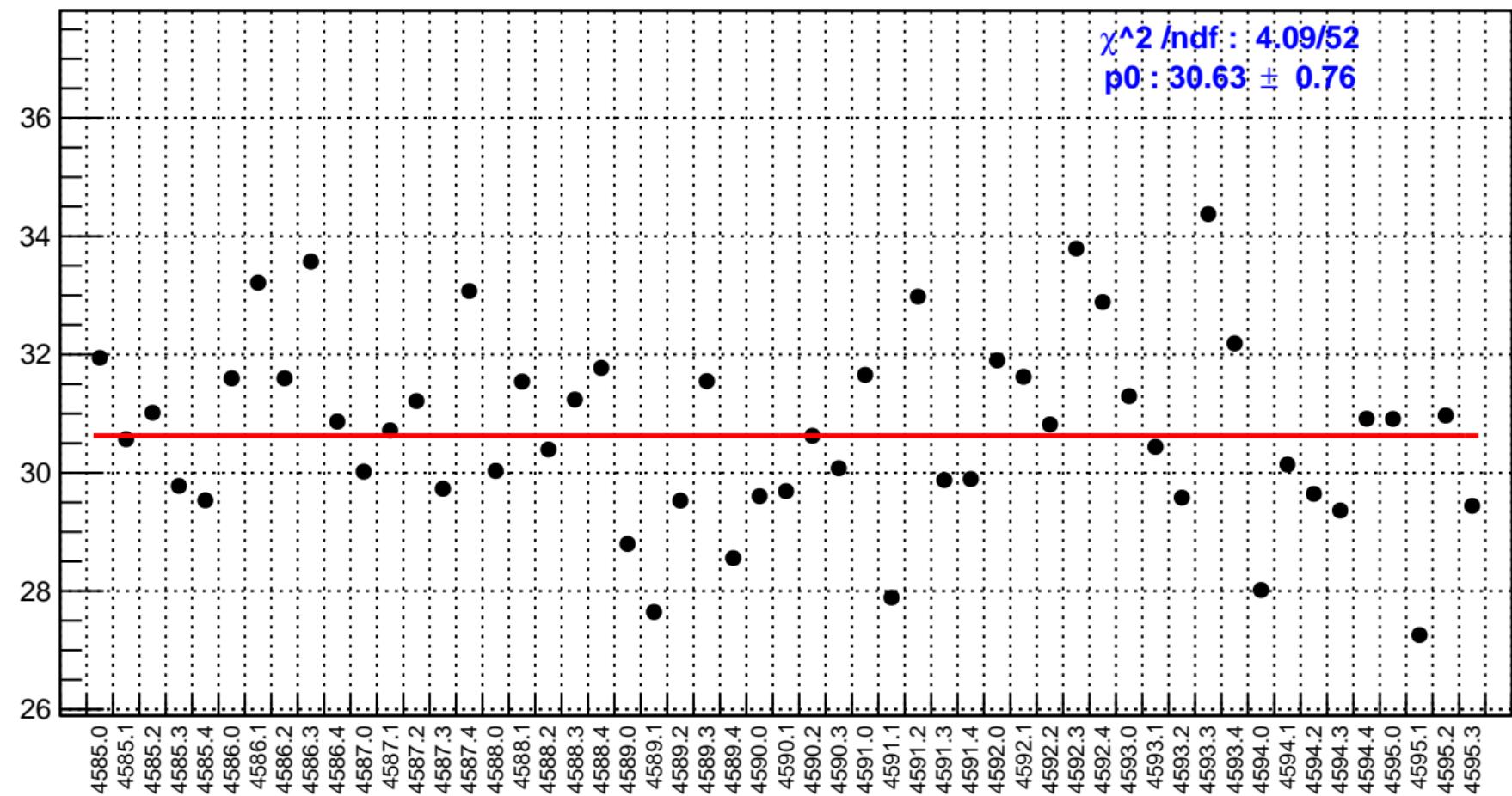
1D pull distribution



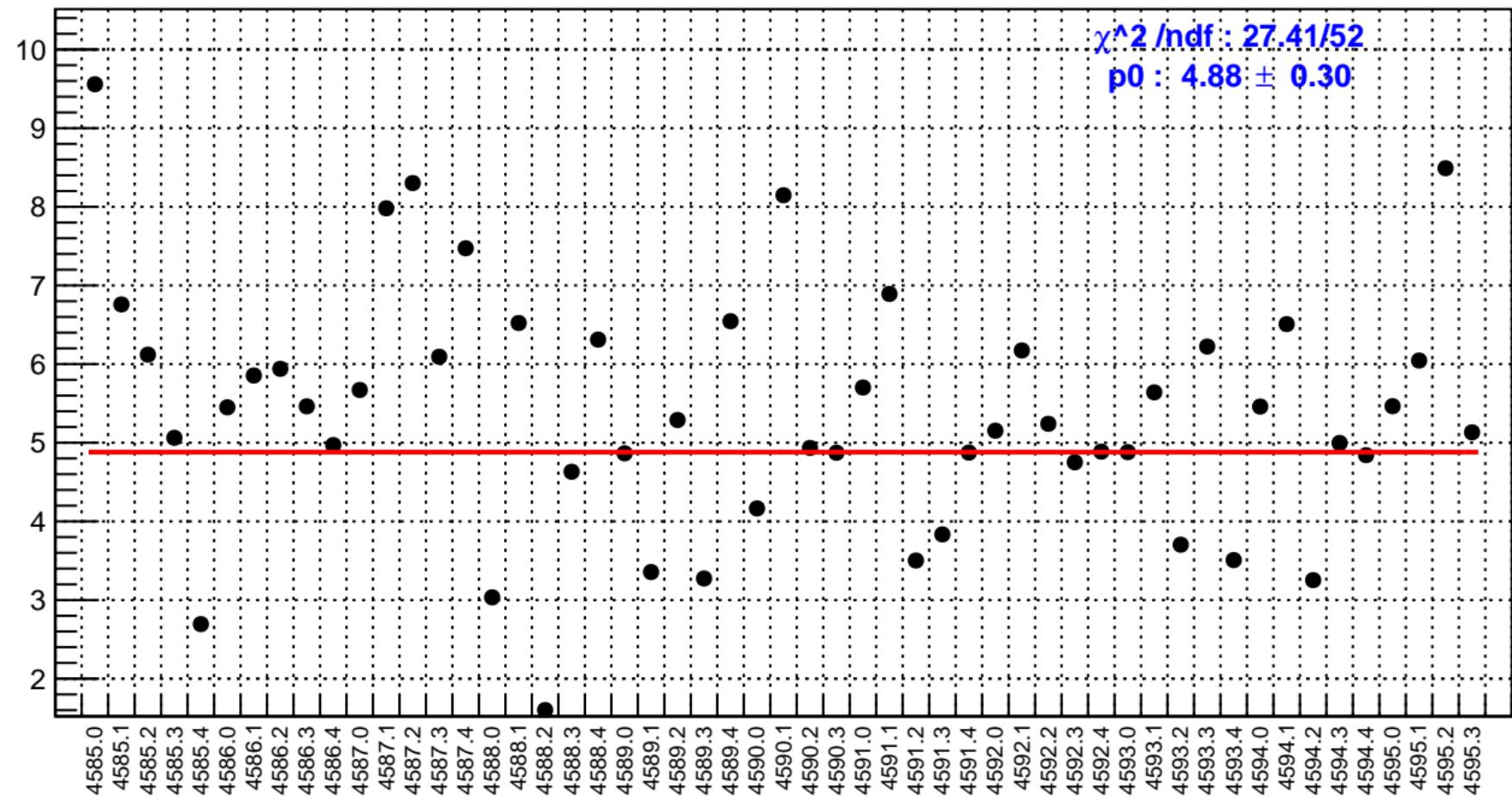
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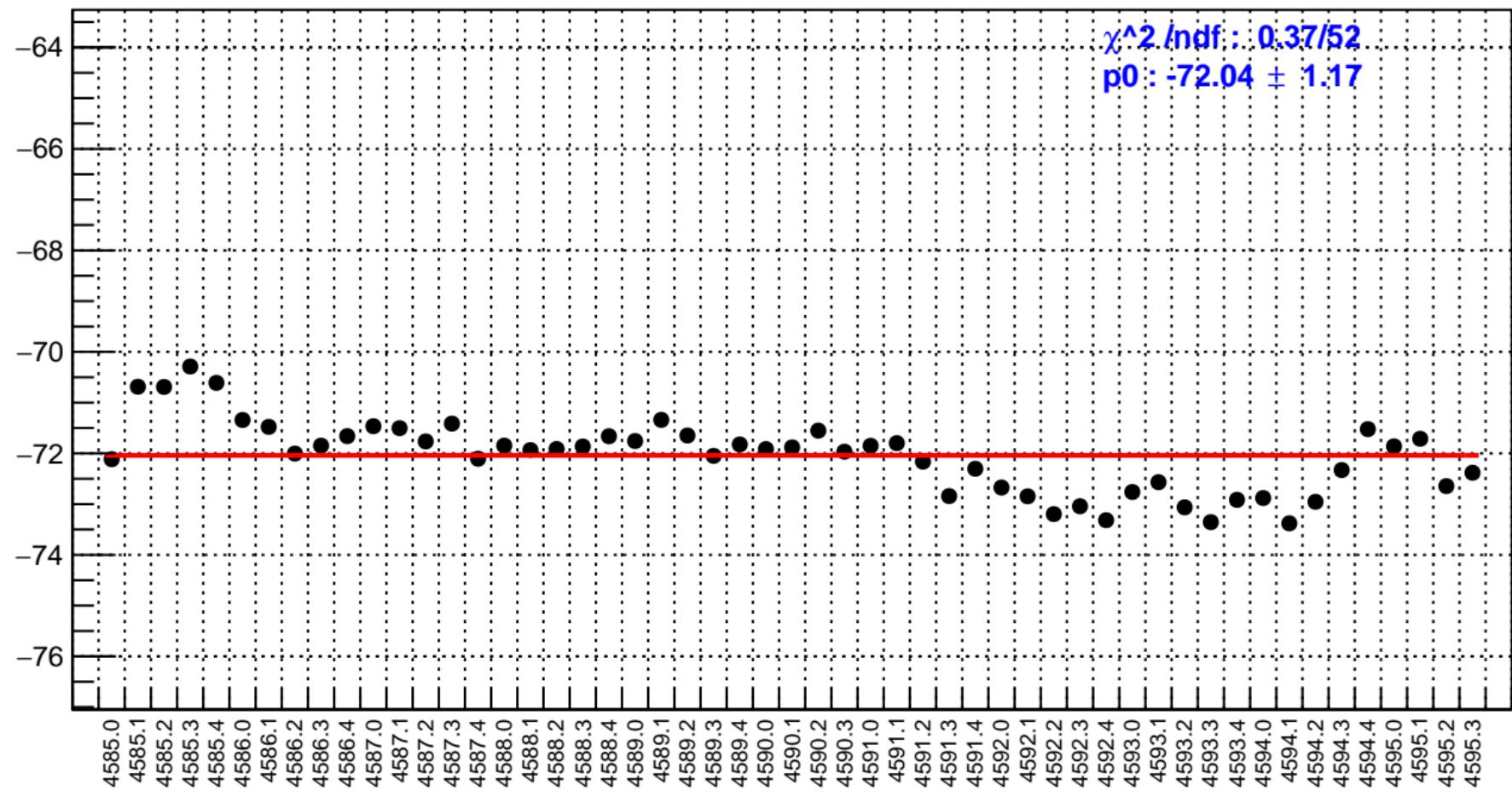
slug70: usl_bpm4aX/(ppb/nm)



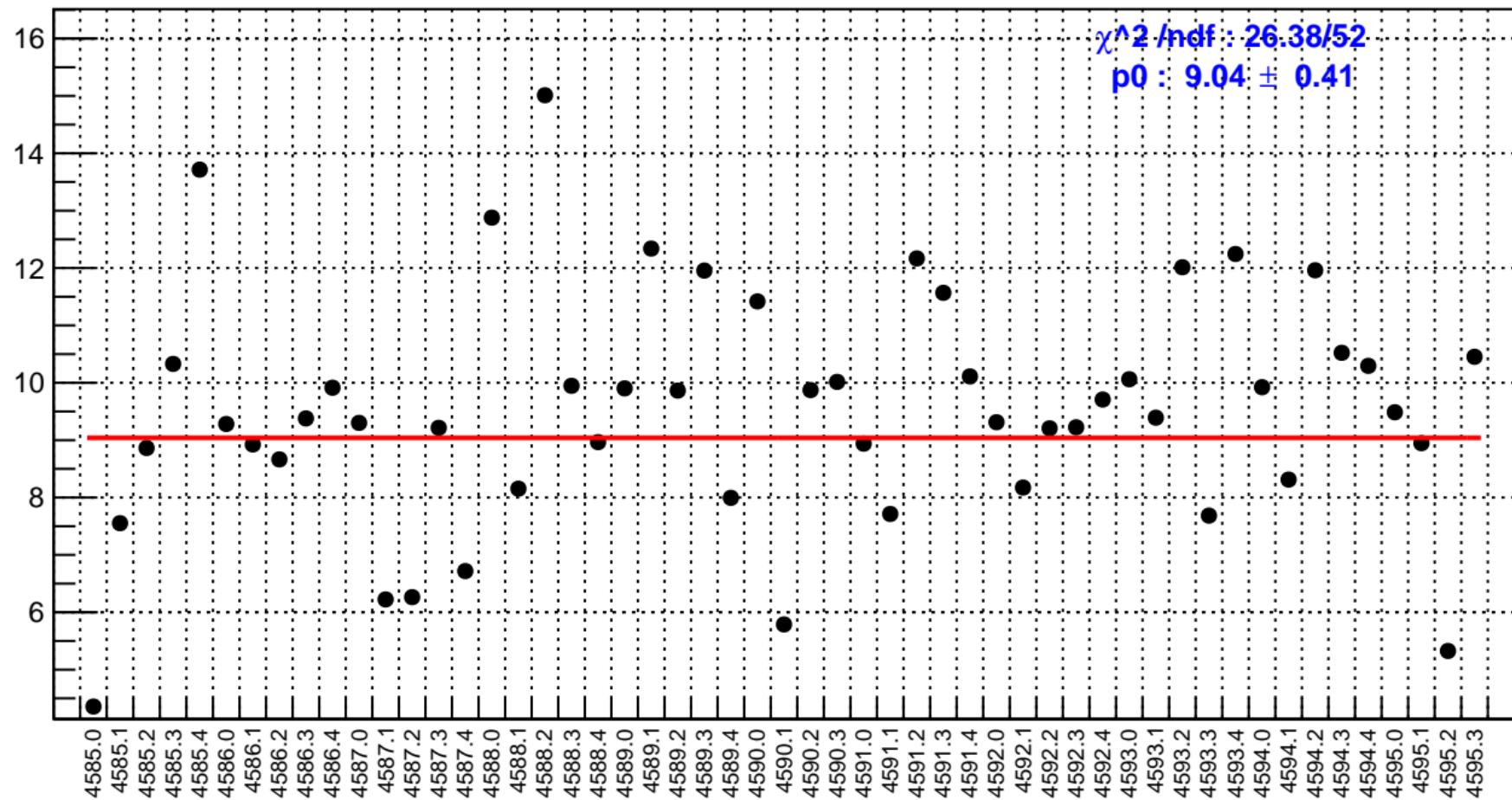
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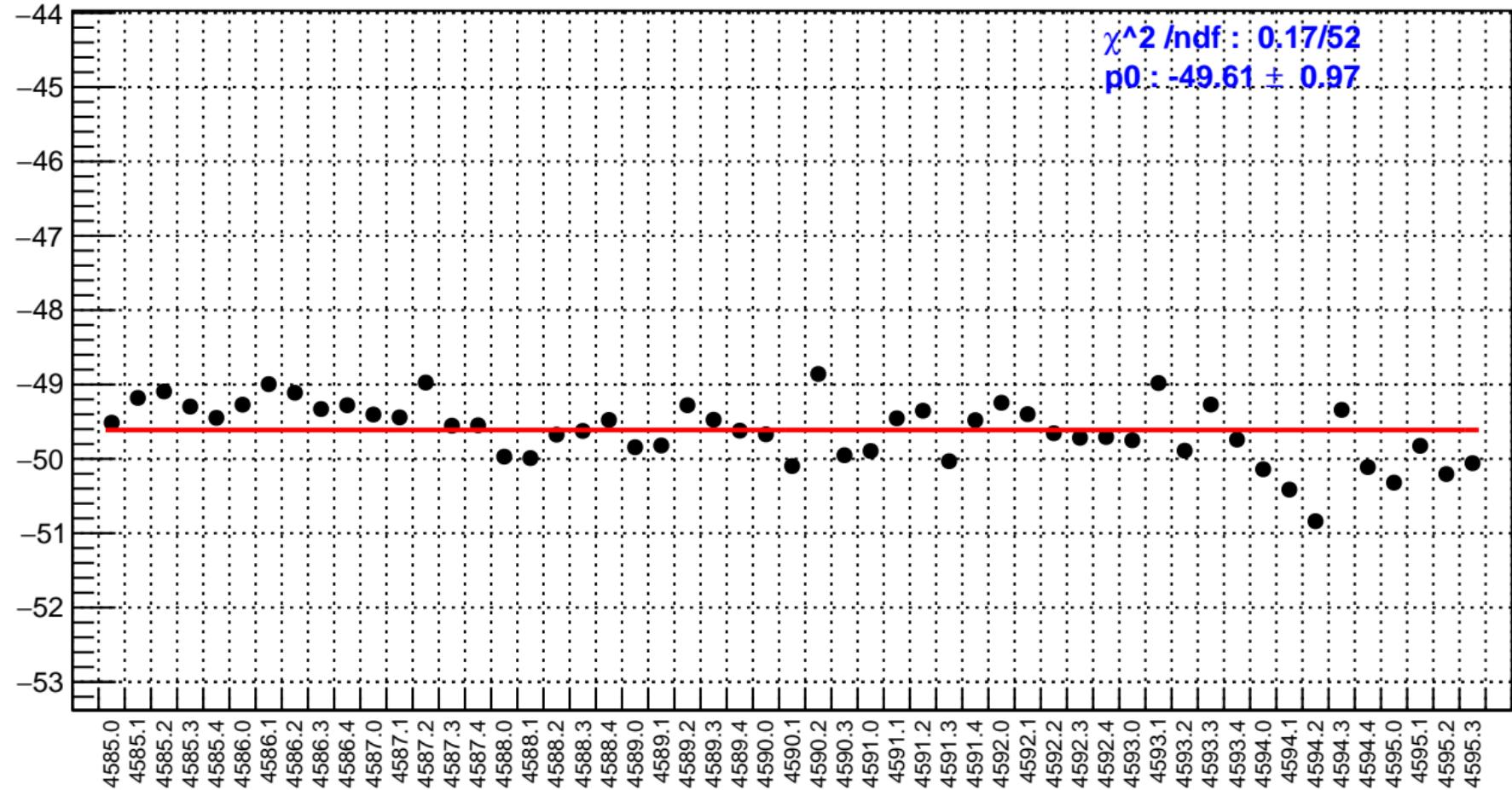
slug70: usl_bpm4eX/(ppb/nm)



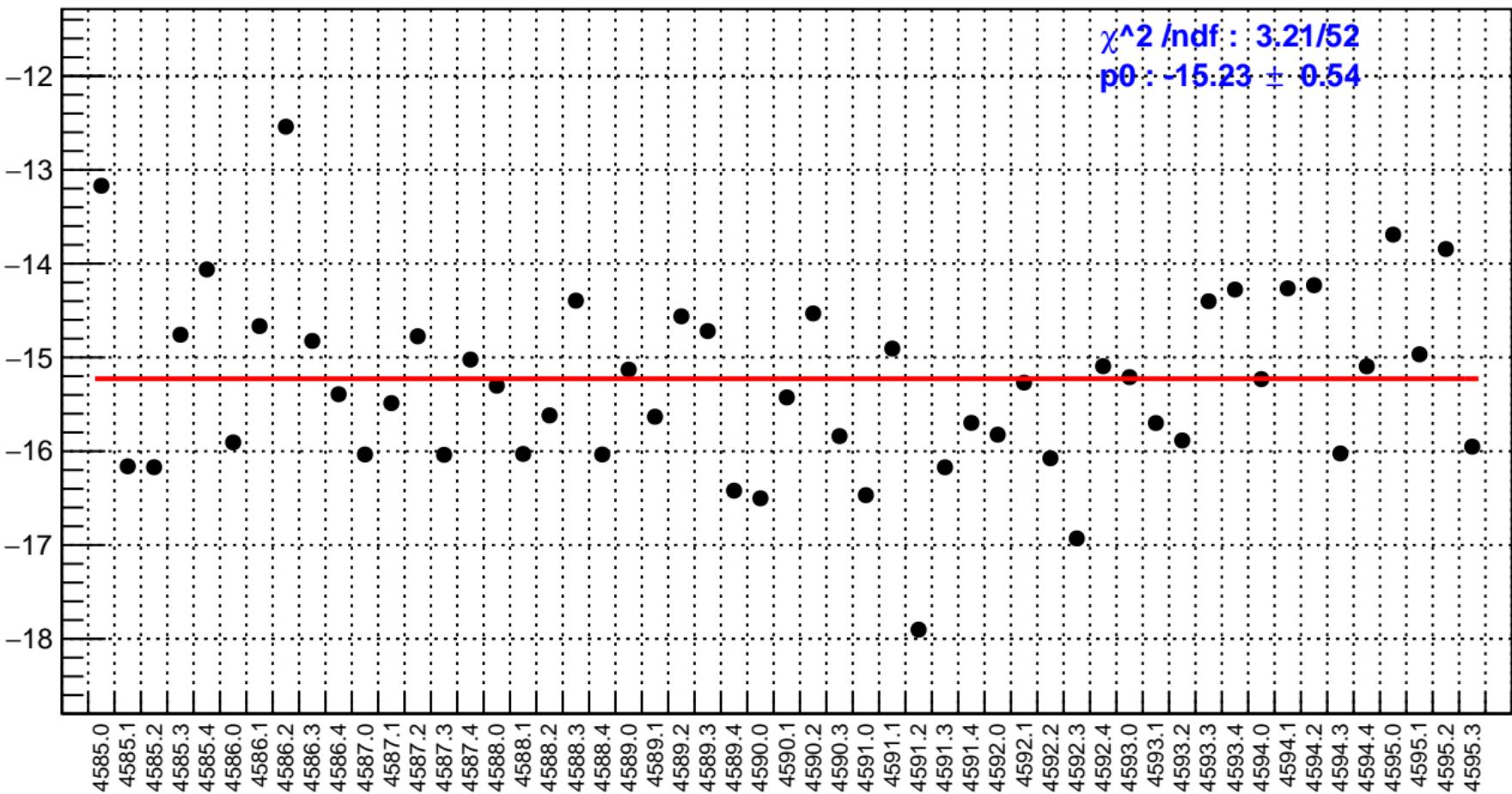
slug70: usl_bpm4eY/(ppb/nm)



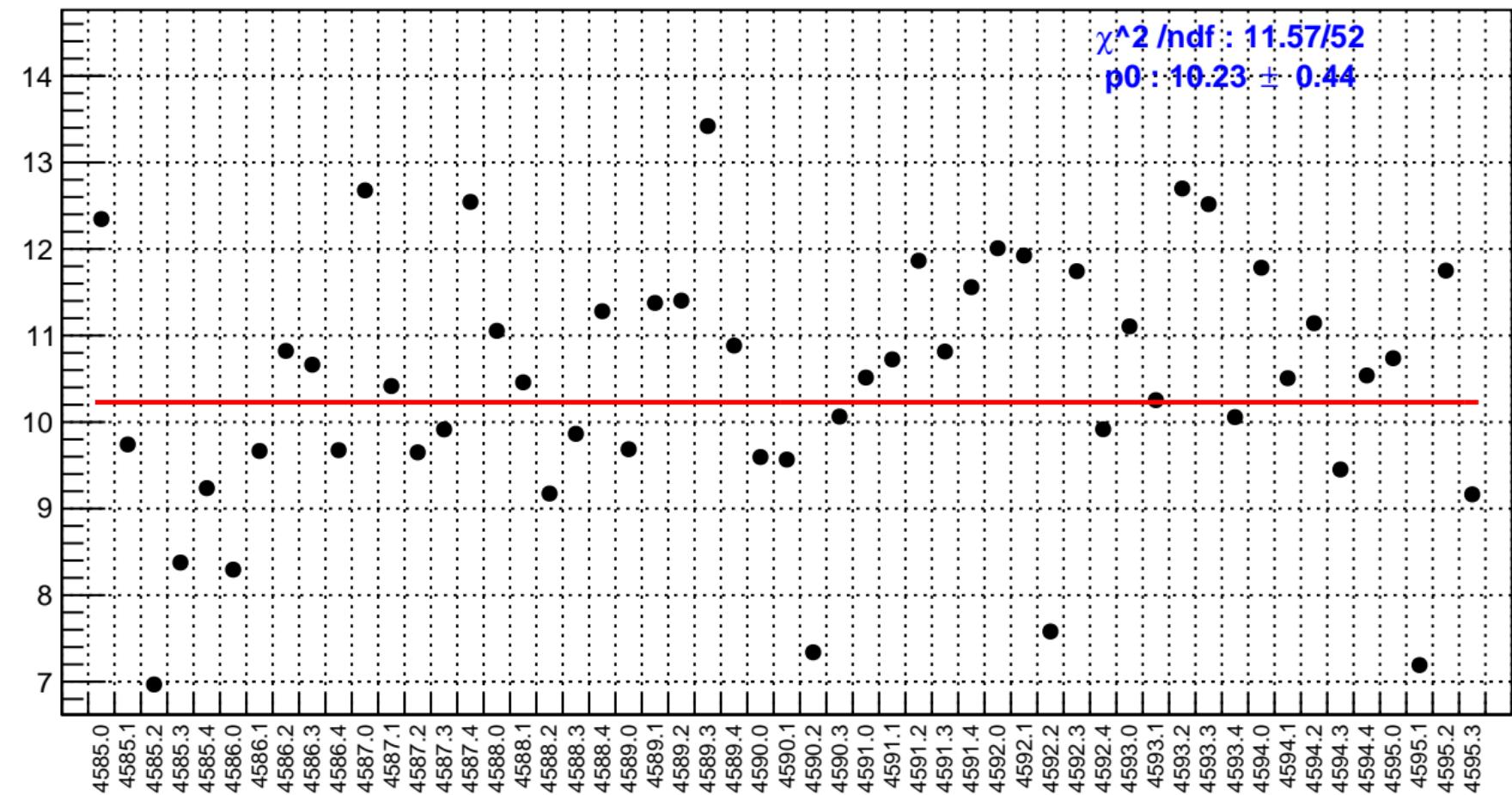
slug70: usl_bpm12X/(ppb/nm)



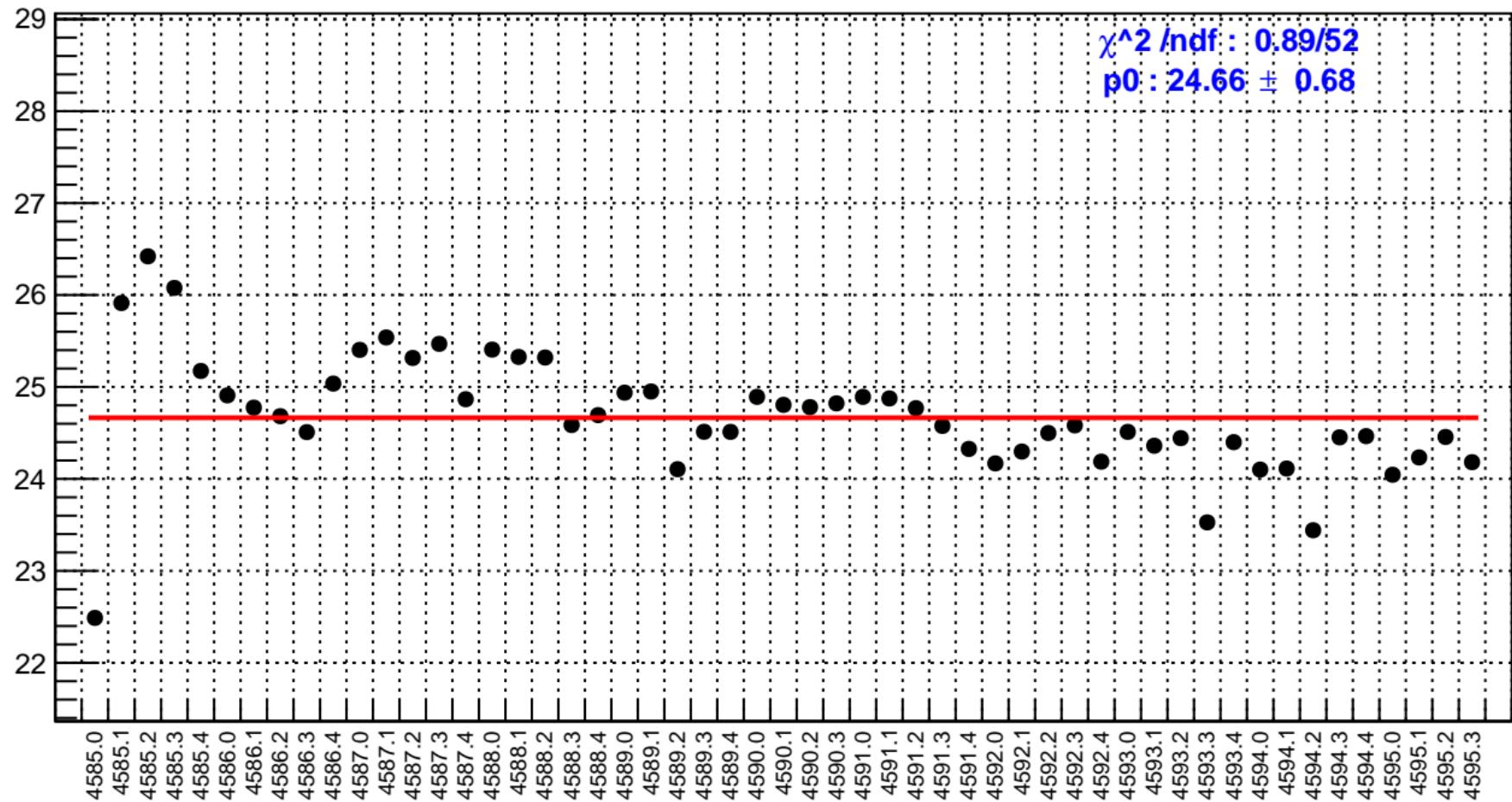
slug70: usr_bpm4aX/(ppb/nm)



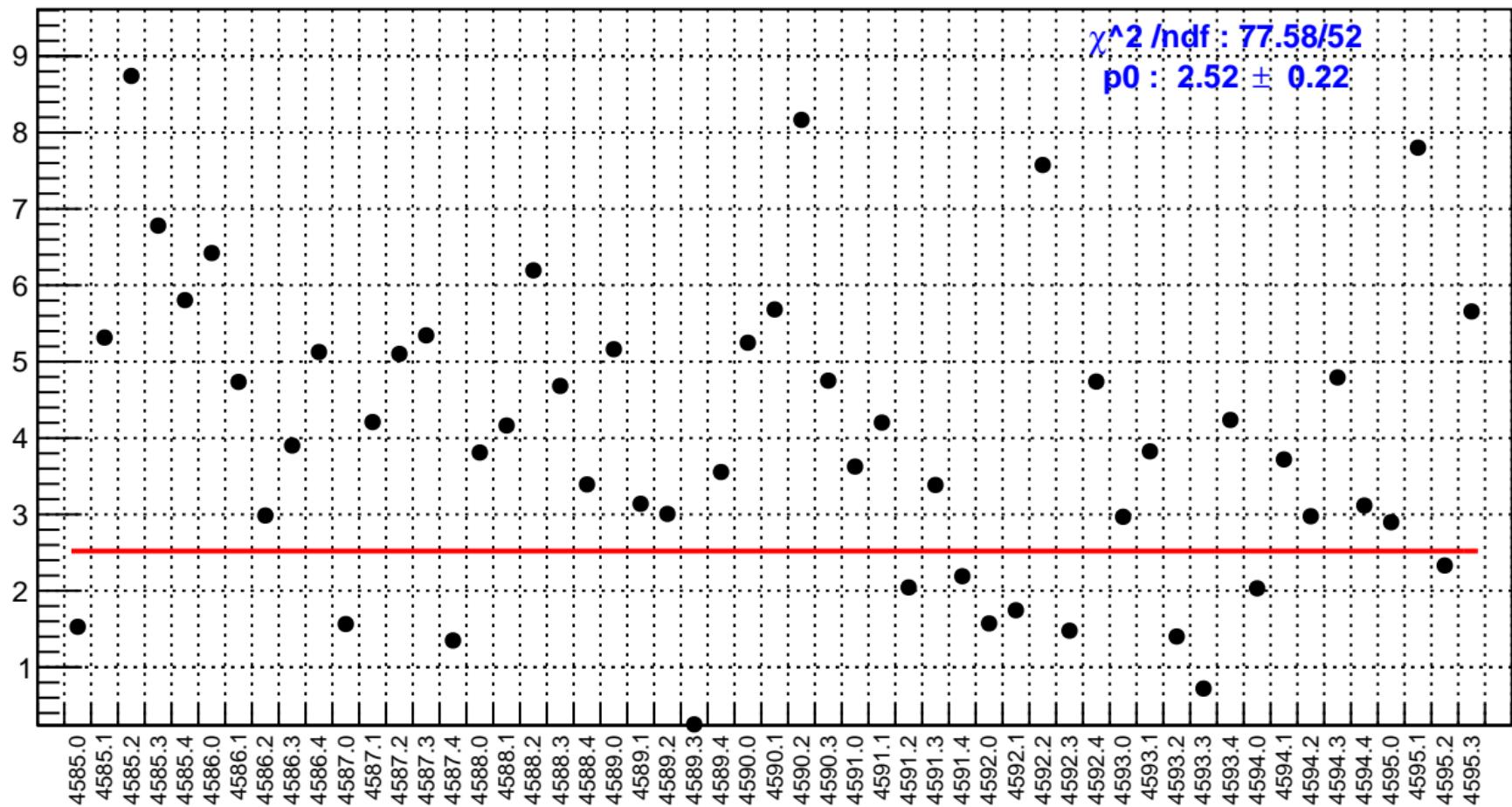
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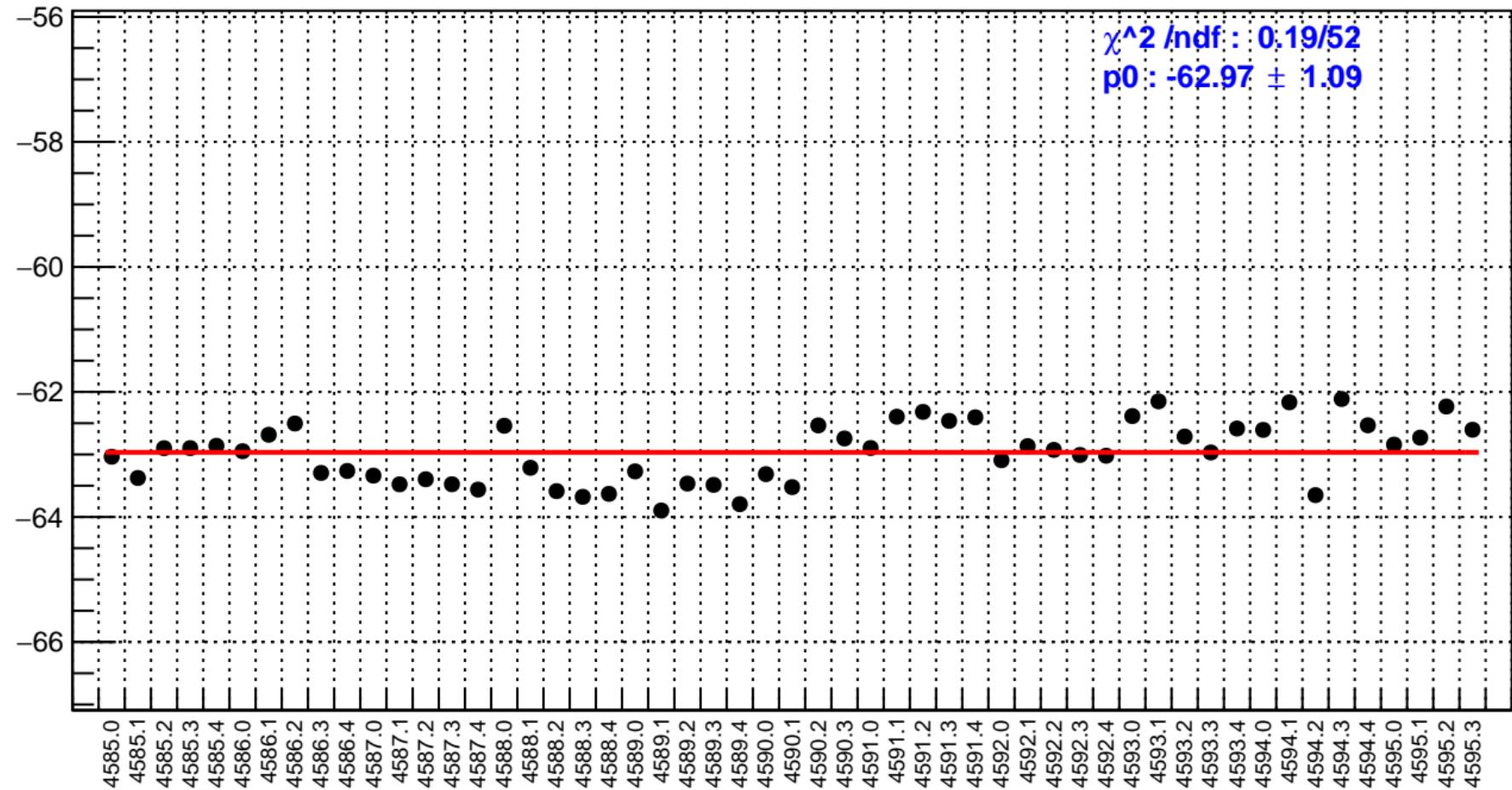
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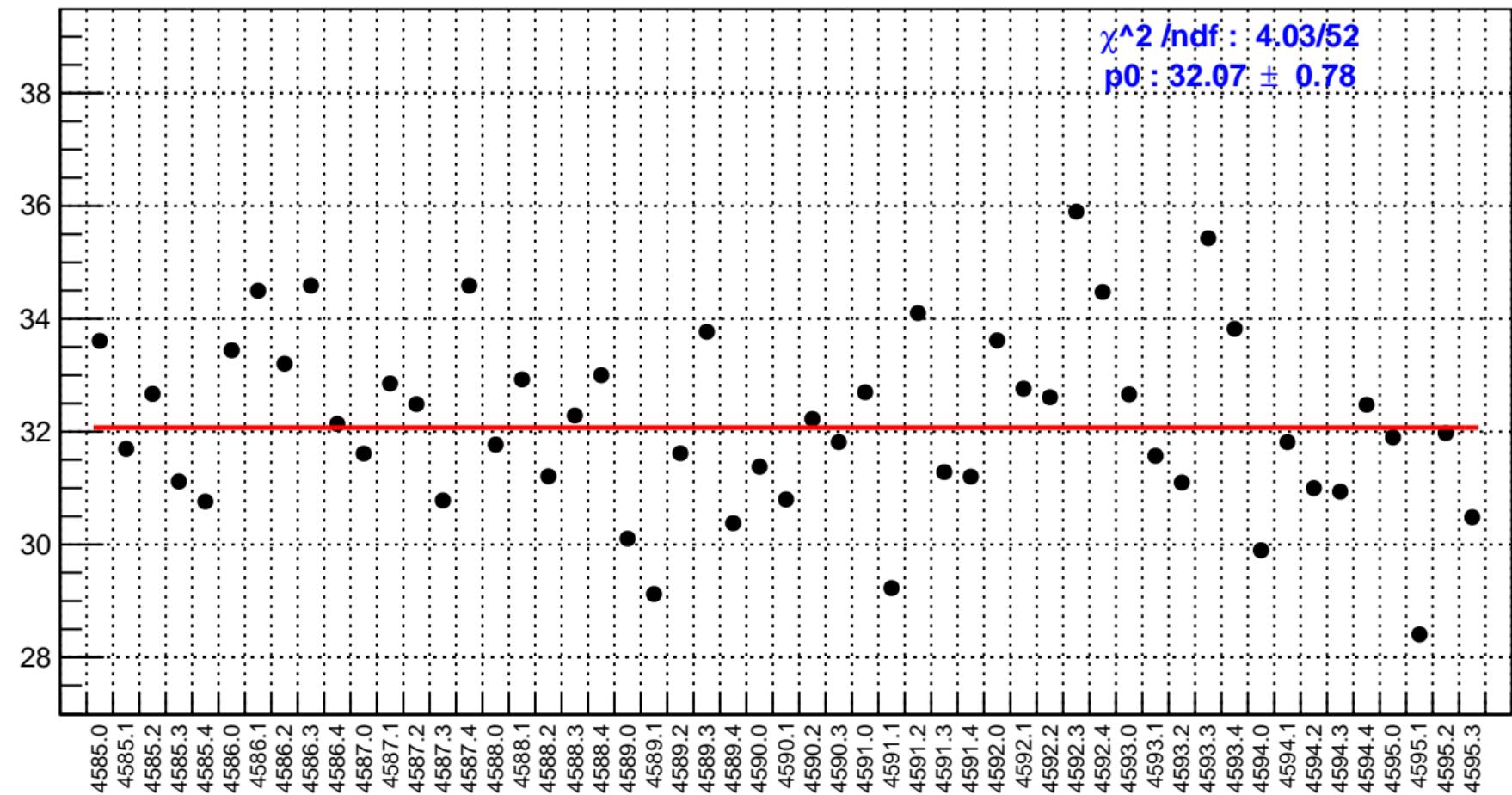
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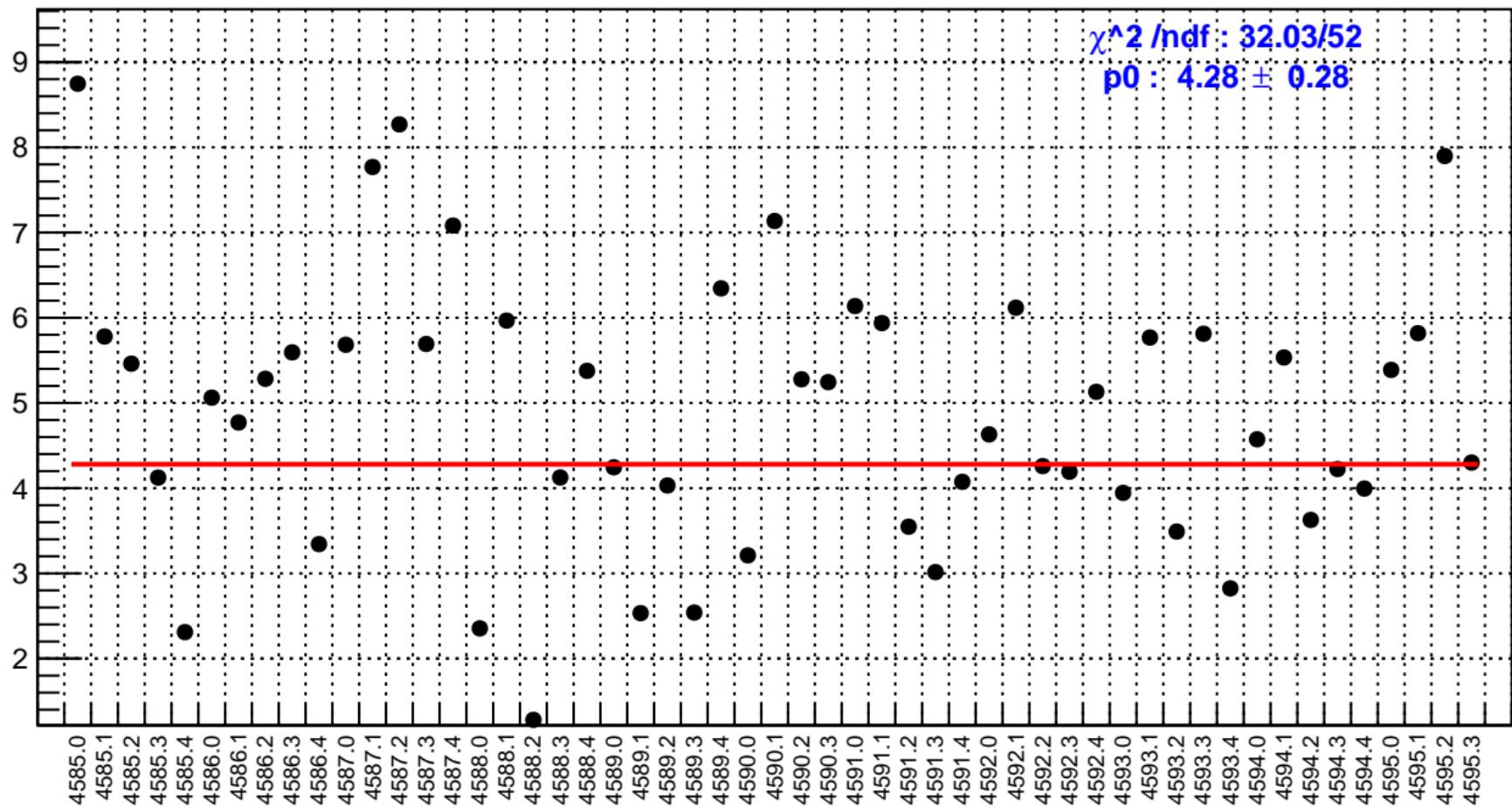
slug70: usr_bpm12X/(ppb/nm)



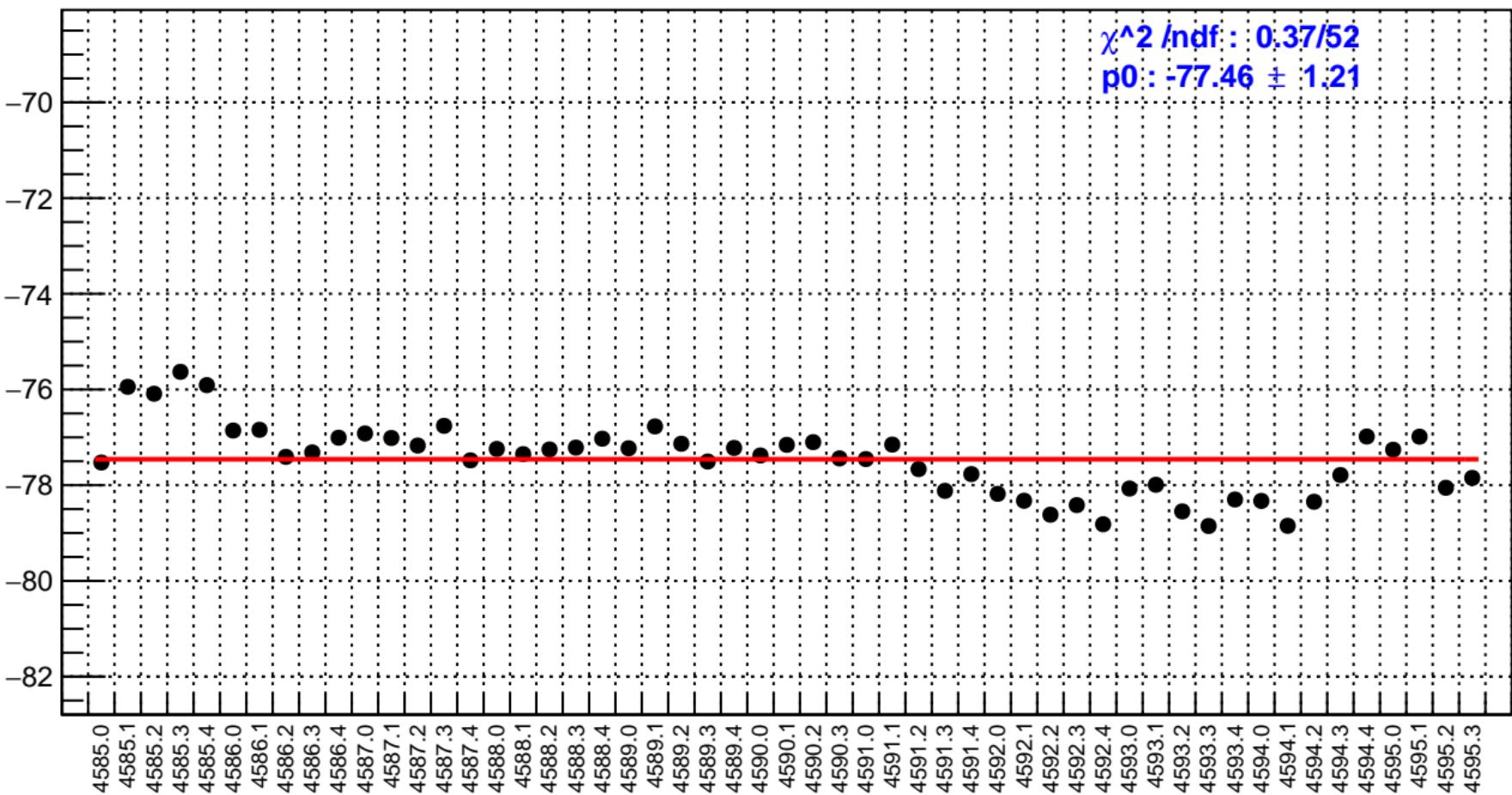
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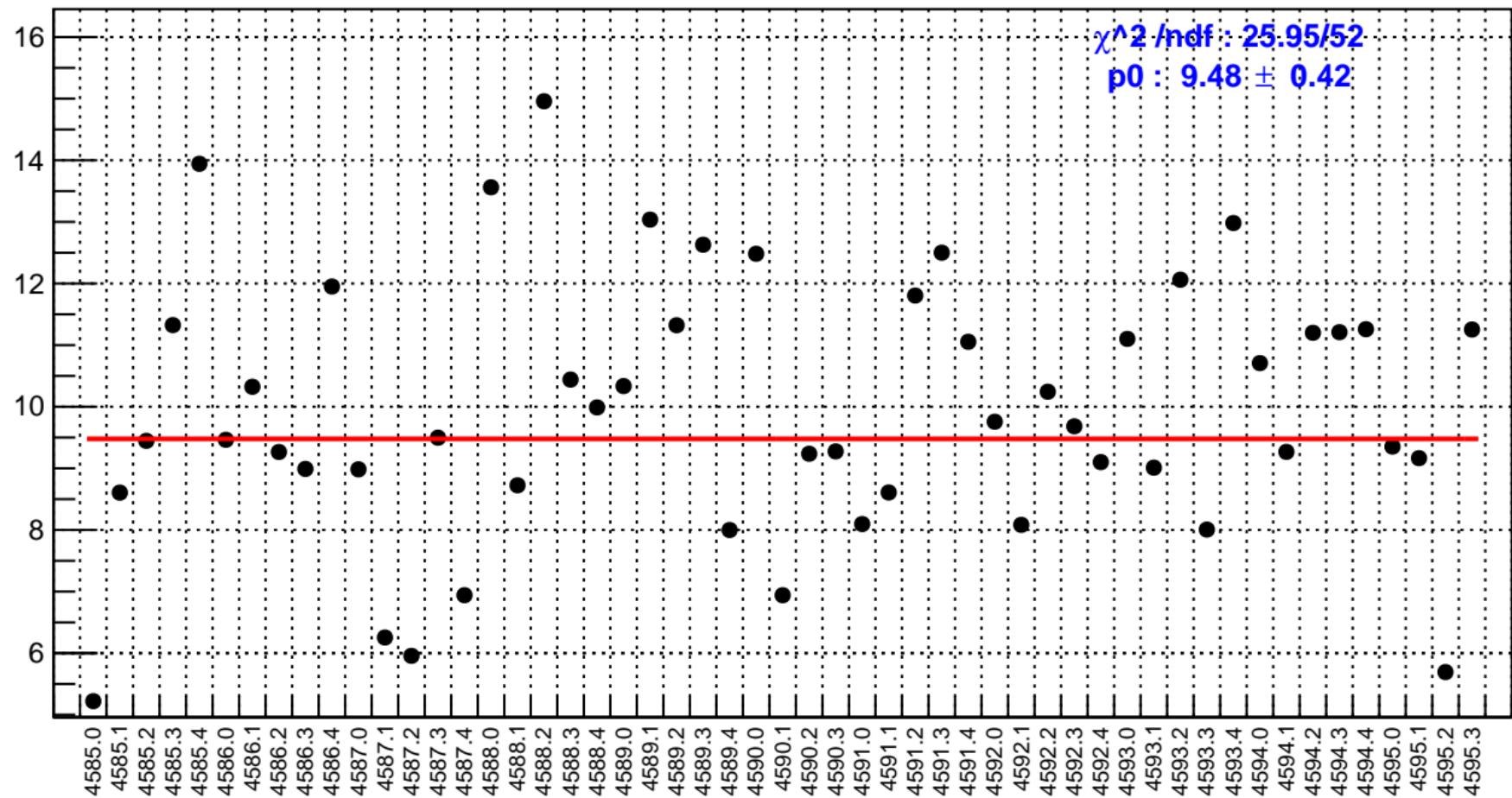
slug70: dsl_bpm4aY/(ppb/nm)



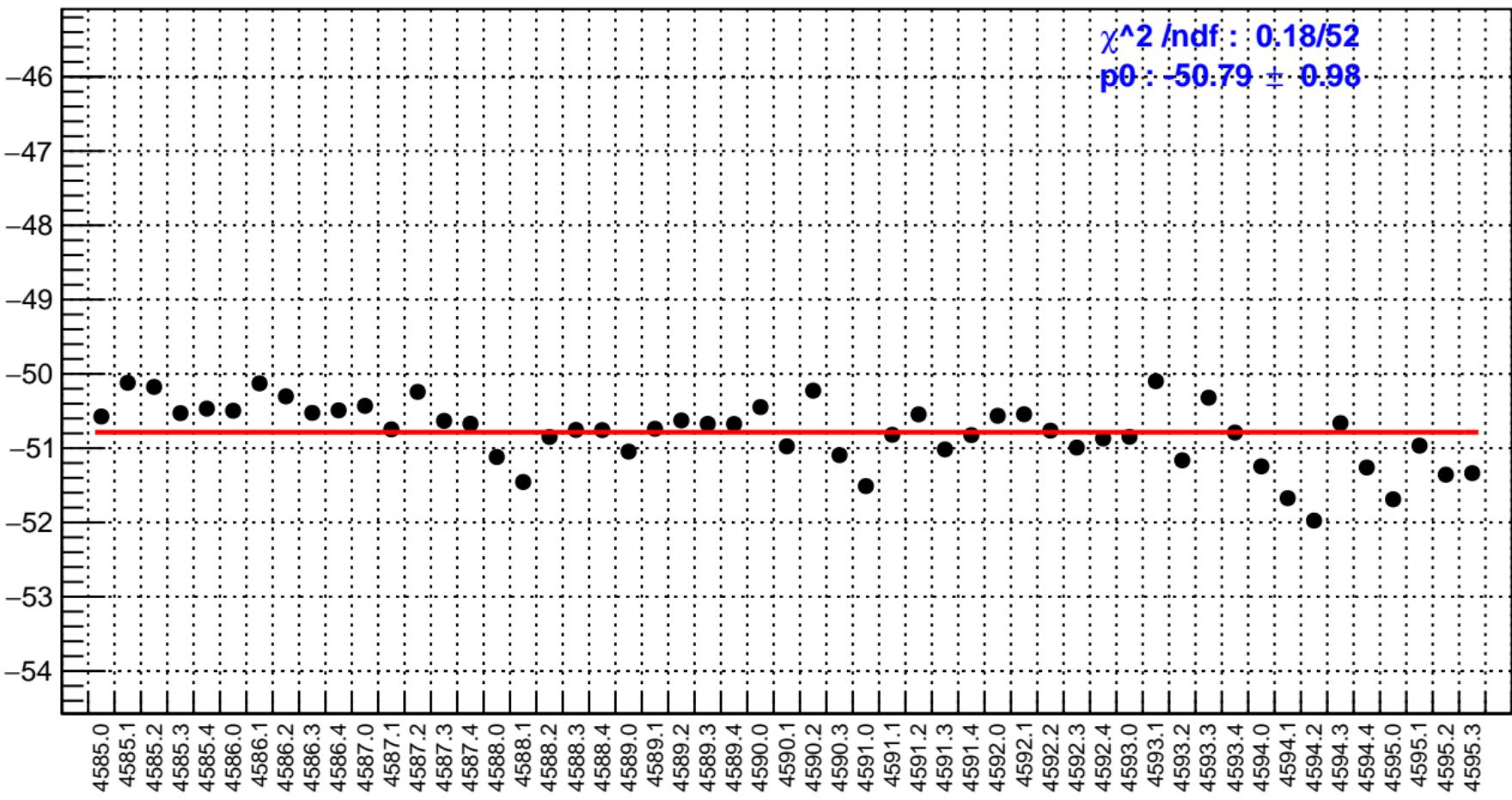
slug70: dsl_bpm4eX/(ppb/nm)



slug70: dsl_bpm4eY/(ppb/nm)

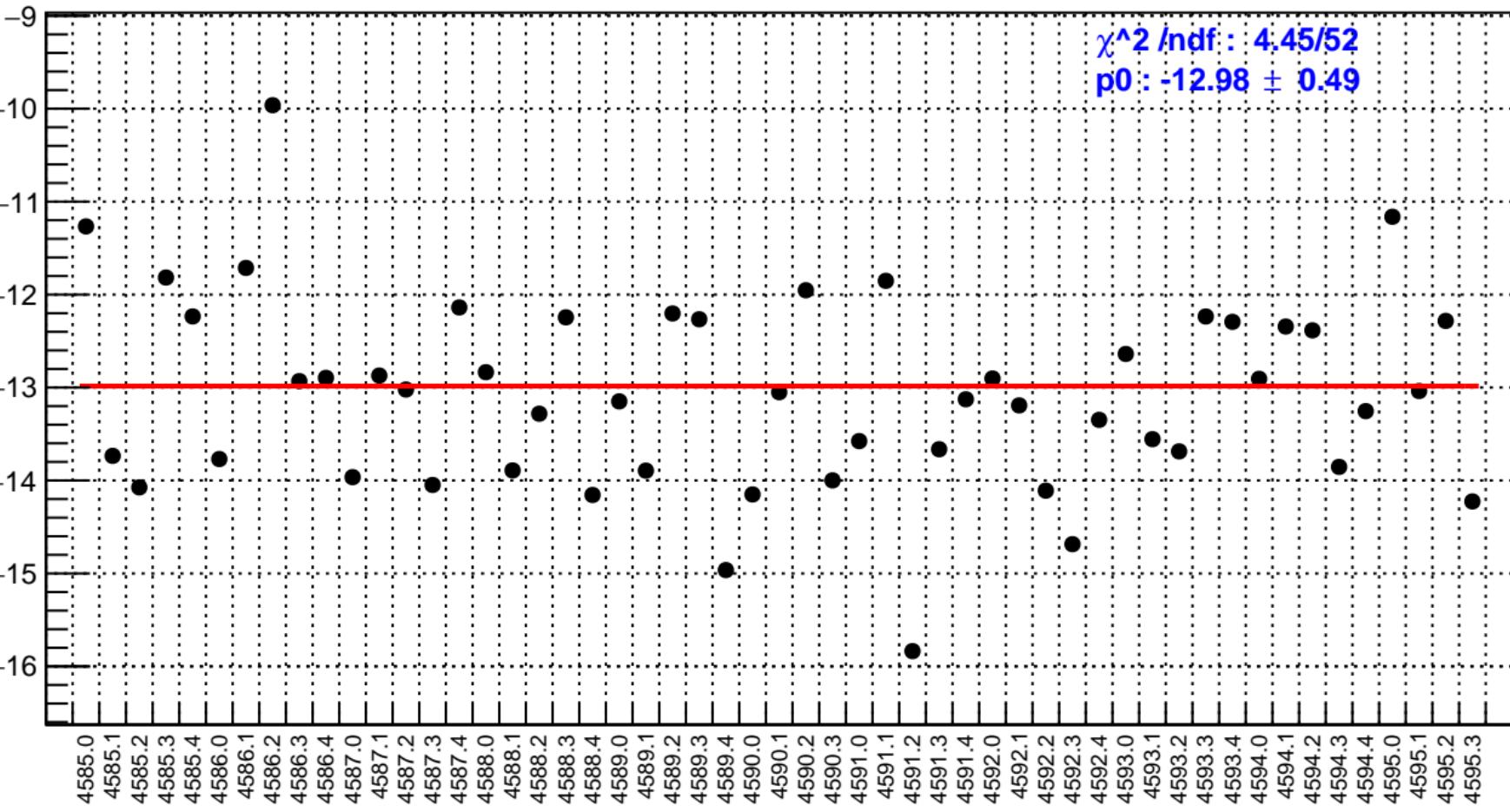


slug70: dsl_bpm12X/(ppb/nm)

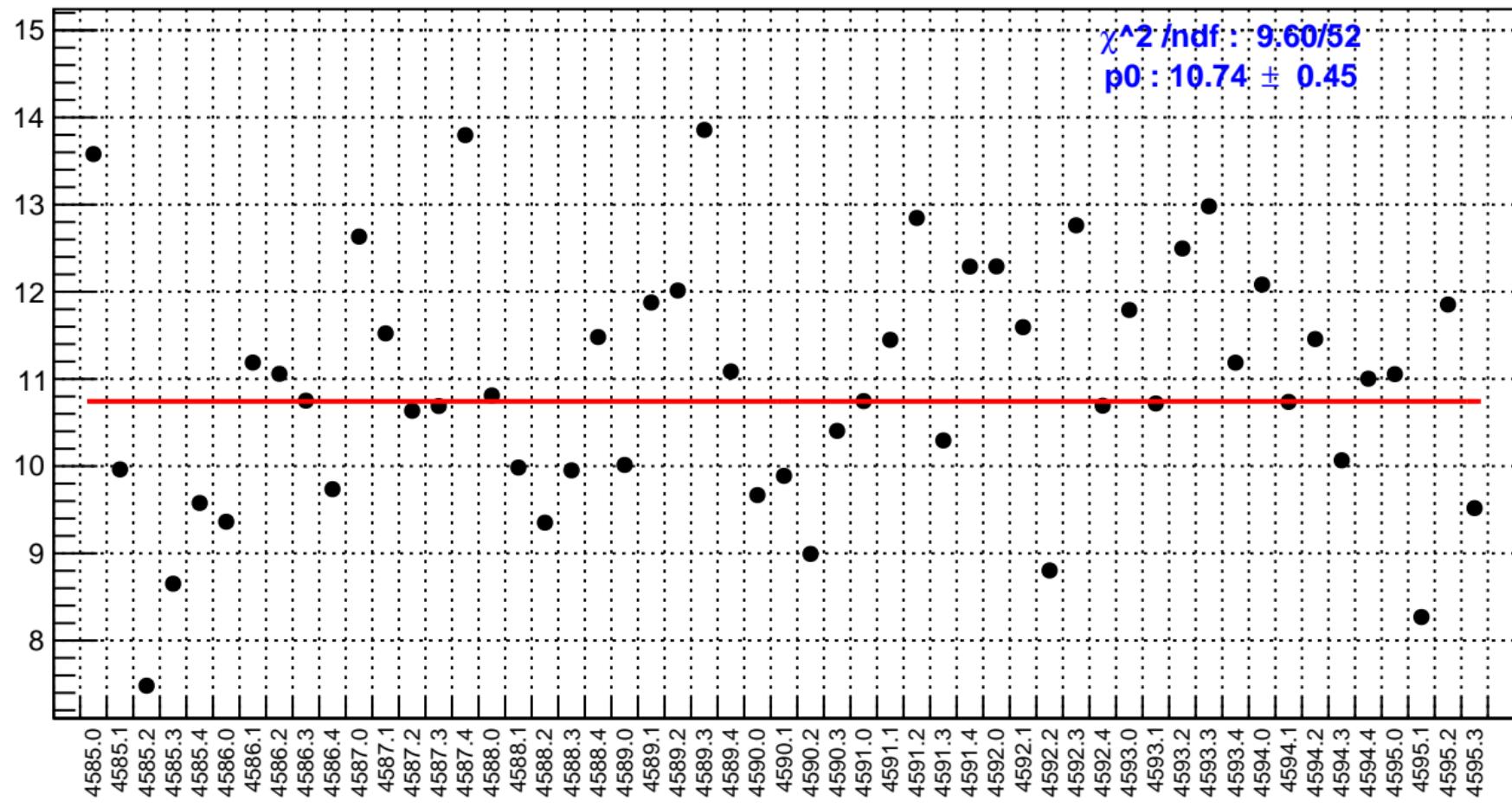


slug70: dsr_bpm4aX/(ppb/nm)

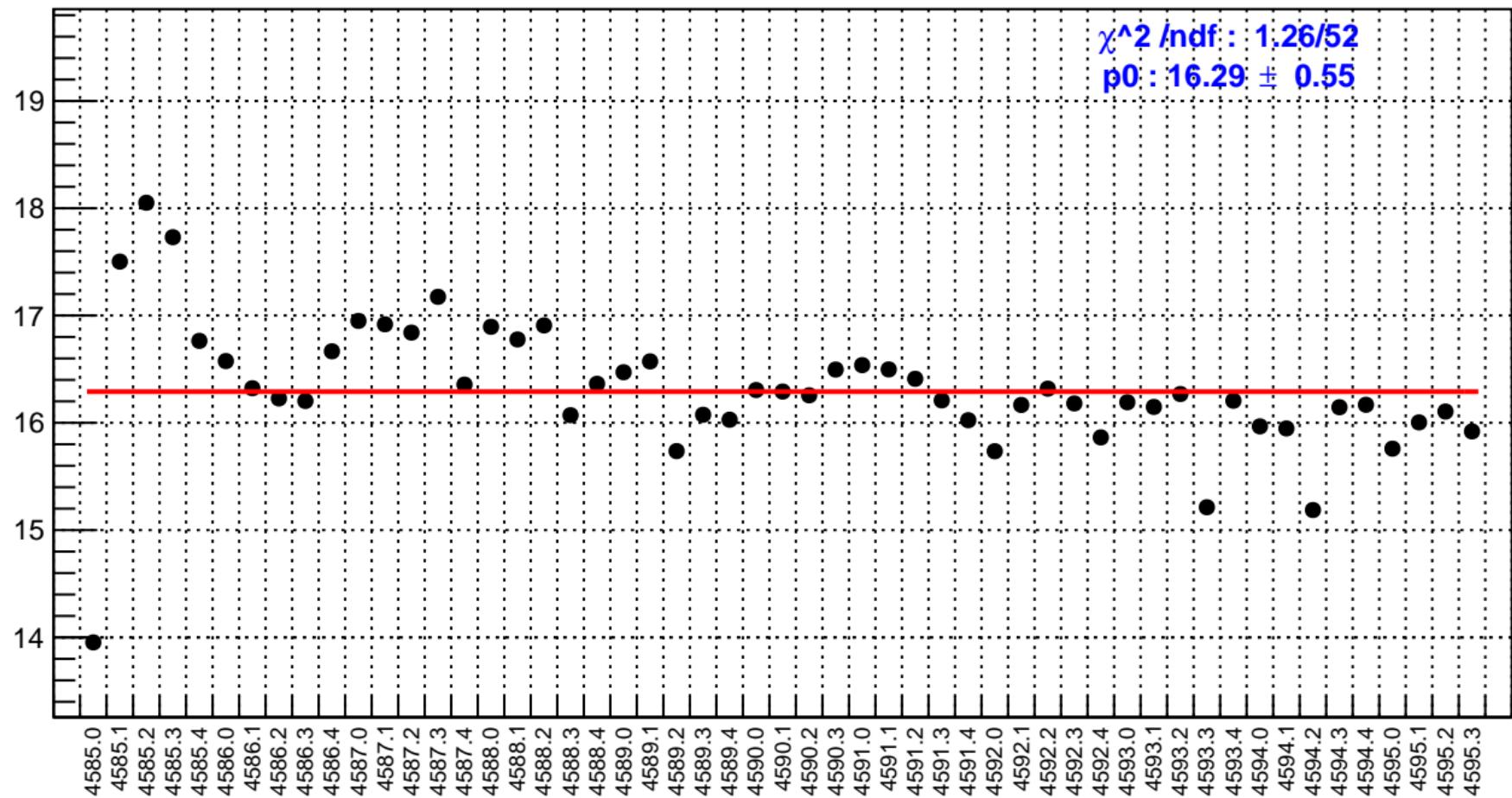
$\chi^2 / \text{ndf} : 4.45 / 52$
 $p_0 : -12.98 \pm 0.49$



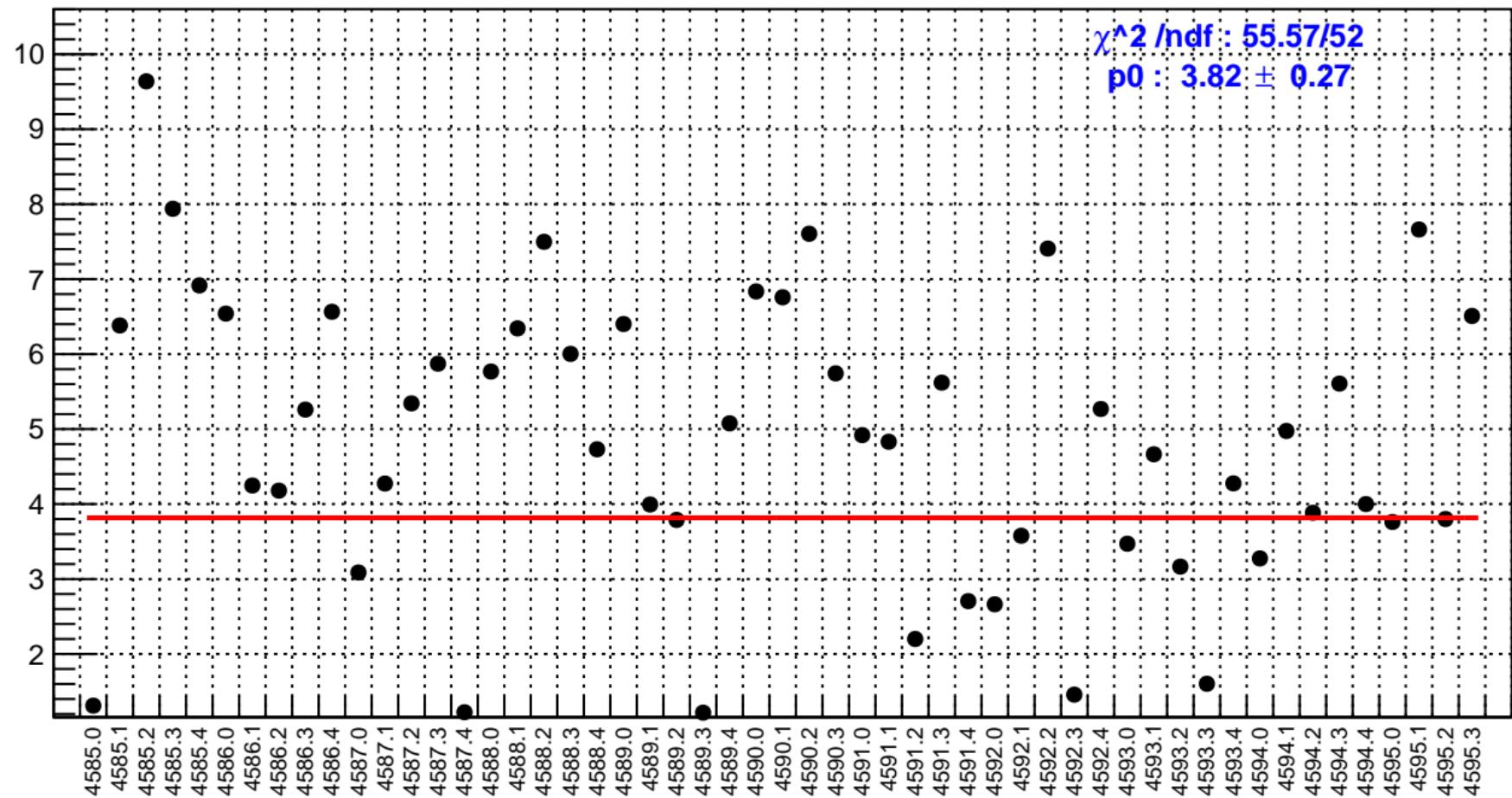
slug70: dsr_bpm4aY/(ppb/nm)



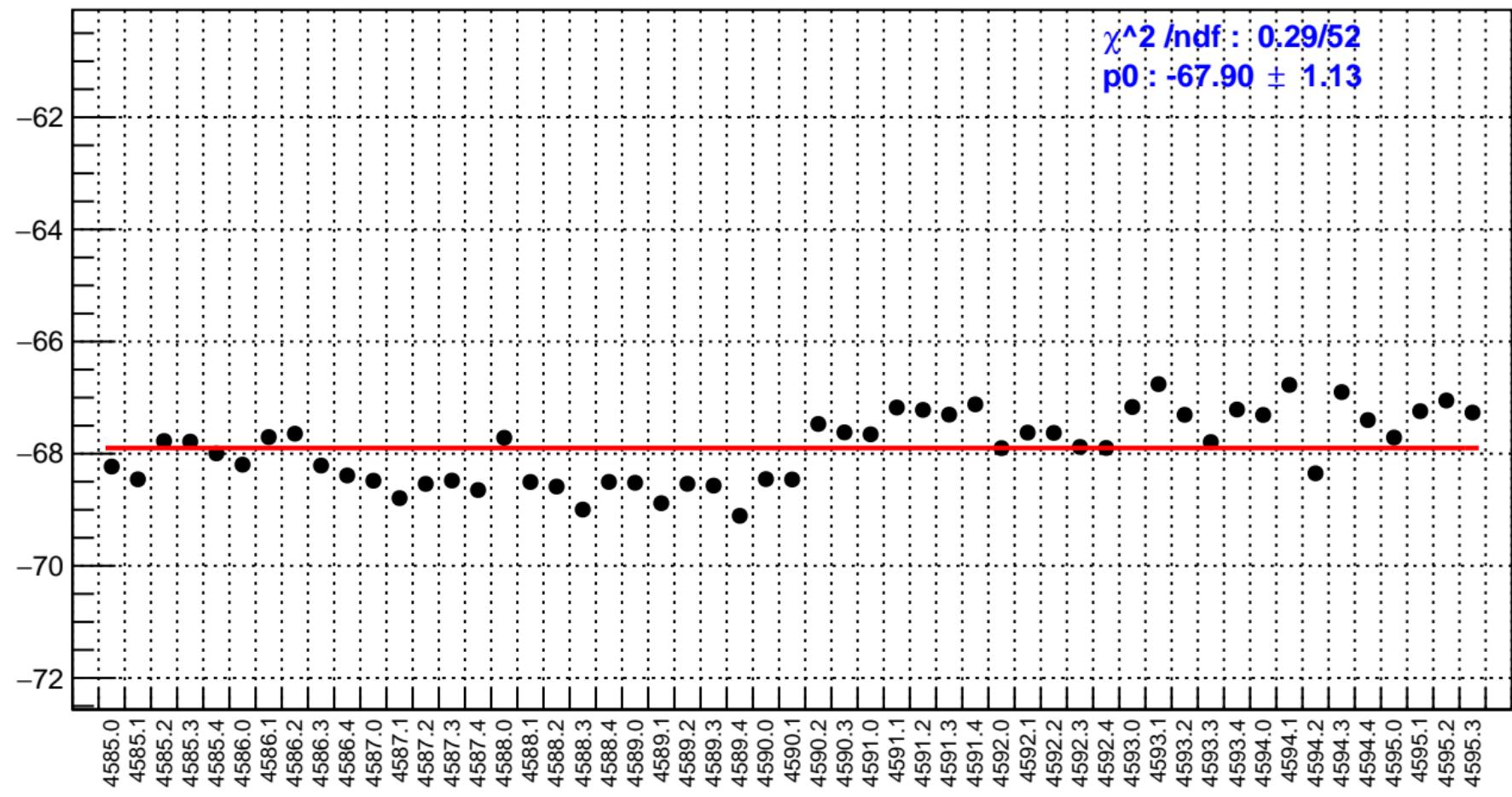
slug70: dsr_bpm4eX/(ppb/nm)



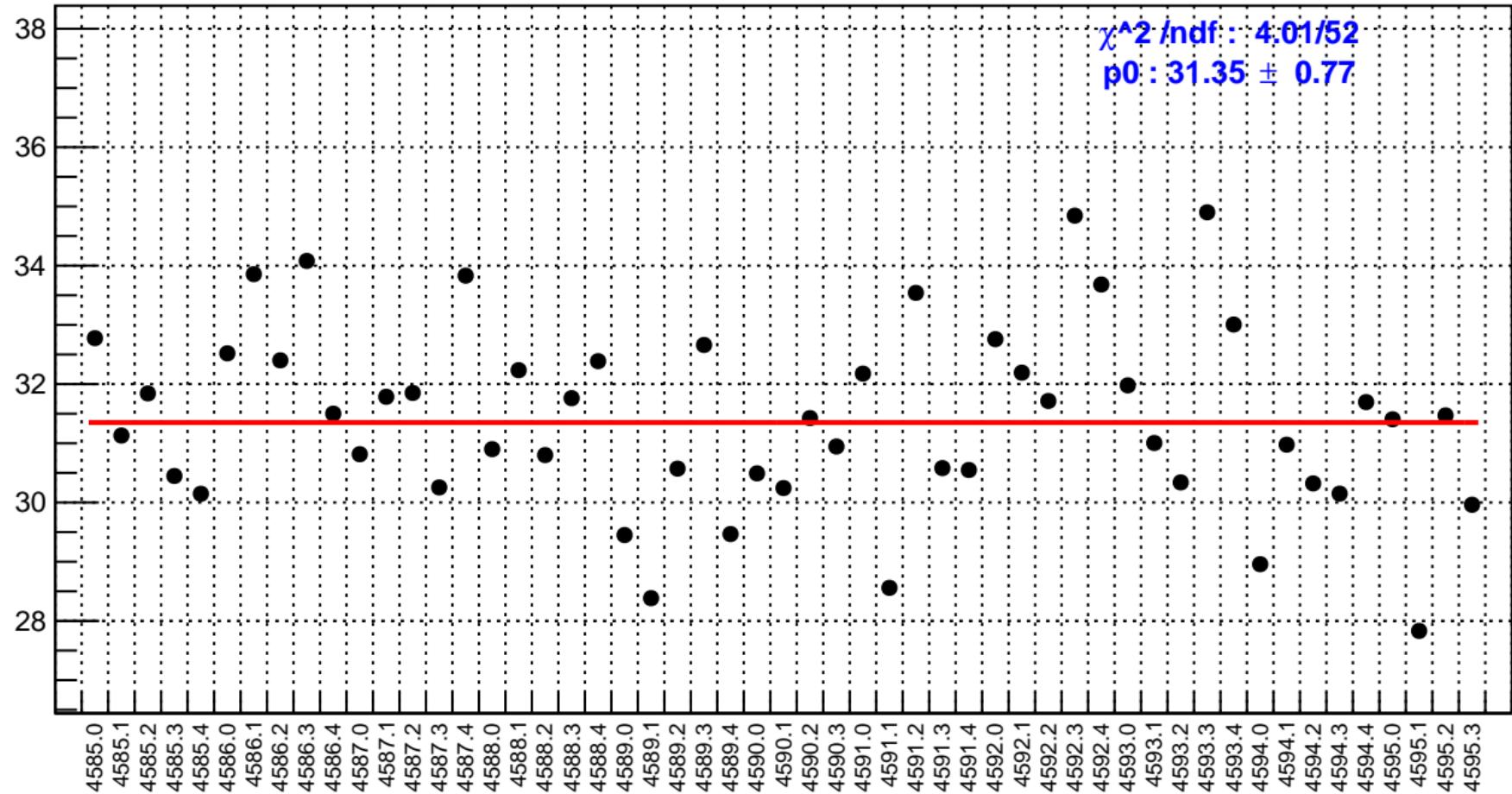
slug70: dsr_bpm4eY/(ppb/nm)



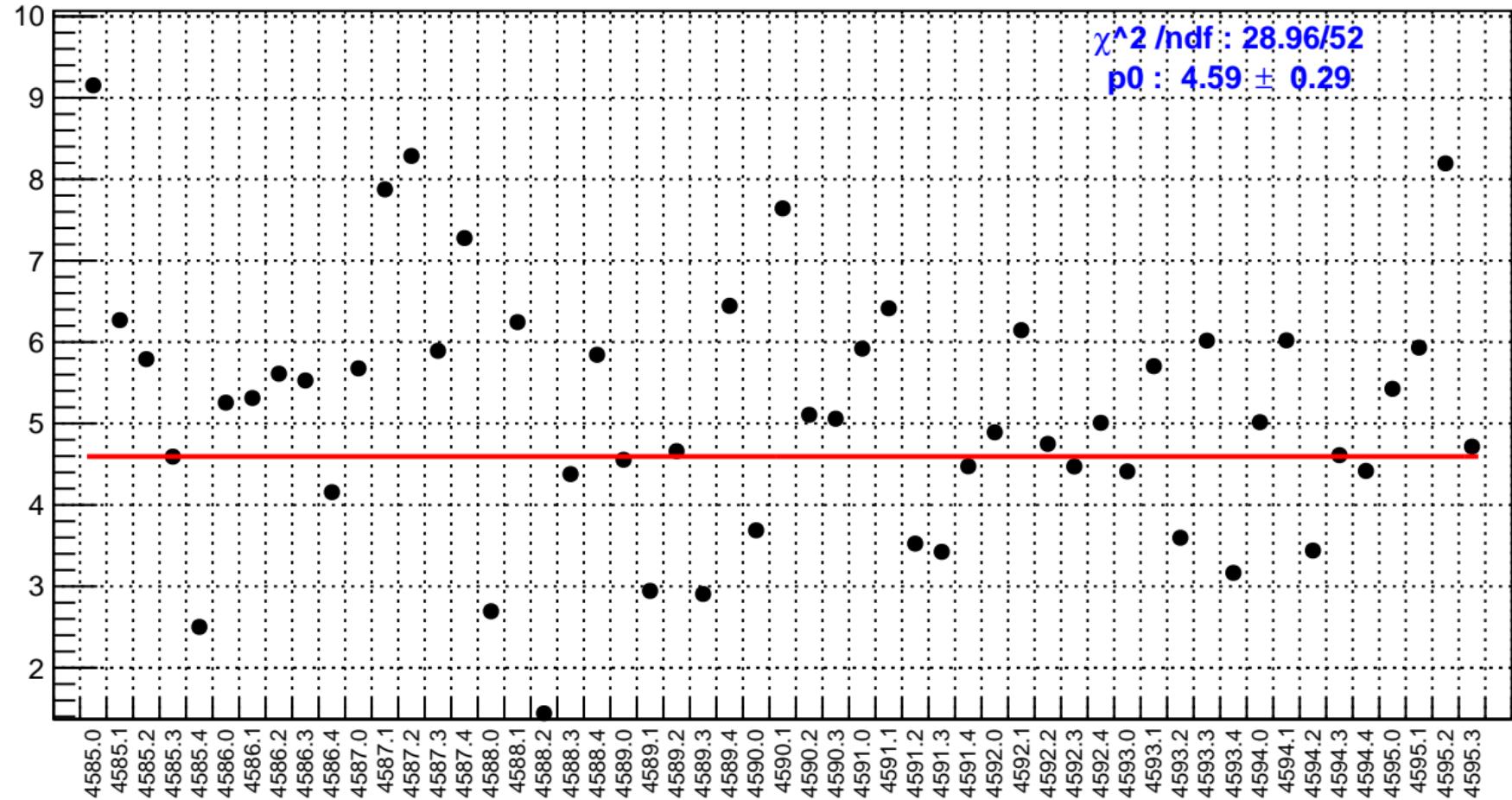
slug70: dsr_bpm12X/(ppb/nm)



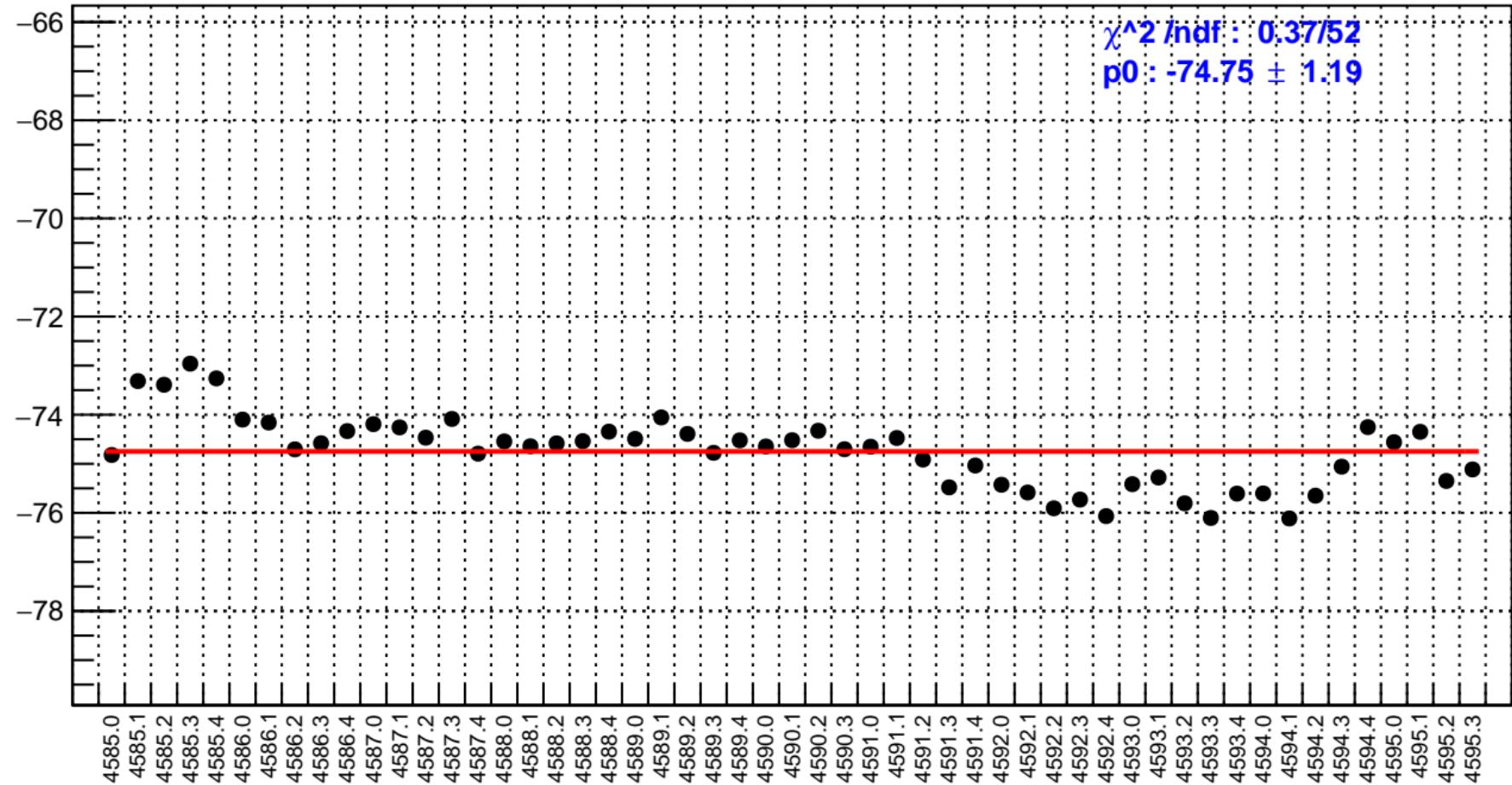
slug70: left_avg_bpm4aX/(ppb/nm)



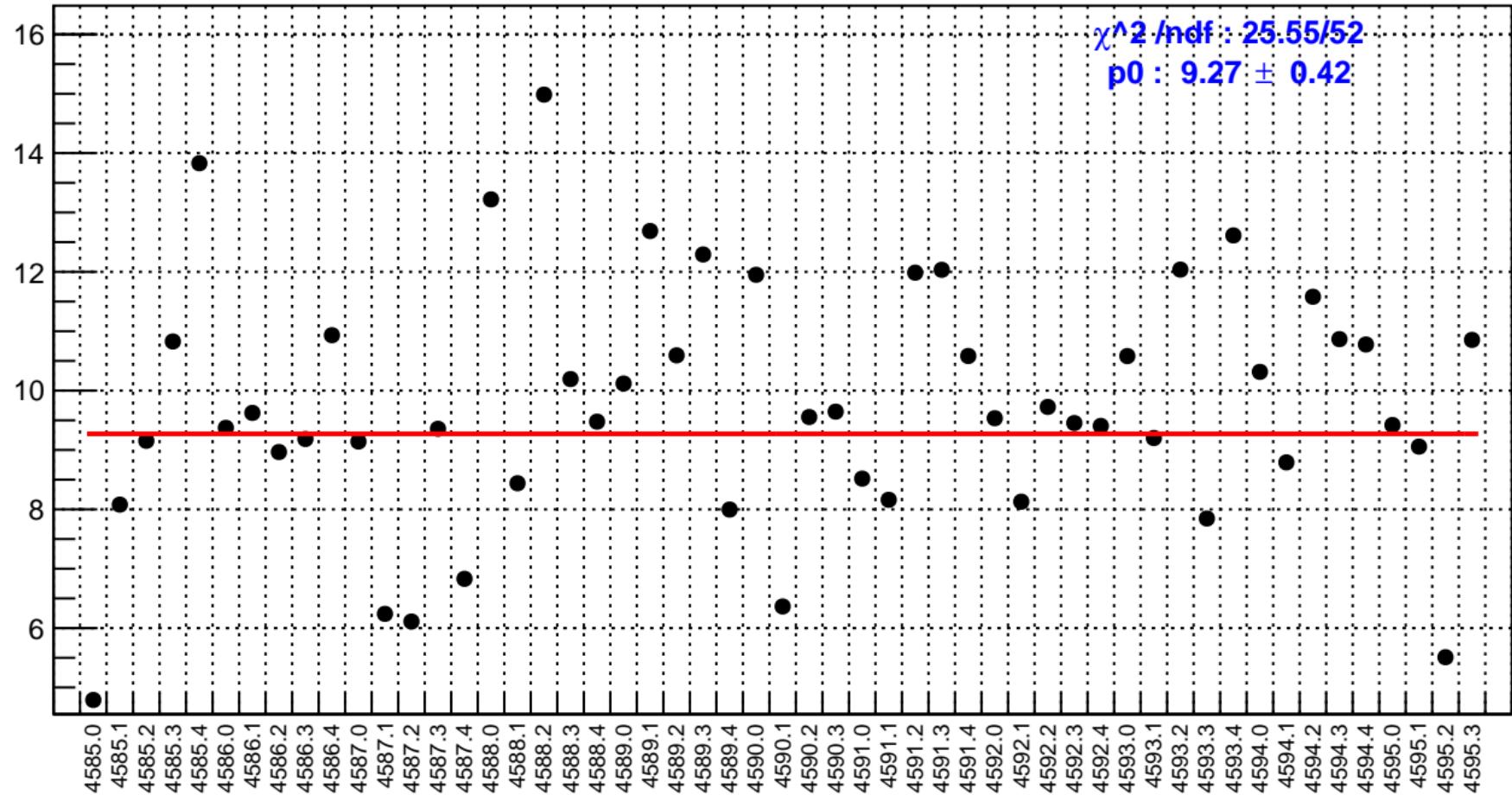
slug70: left_avg_bpm4aY/(ppb/nm)



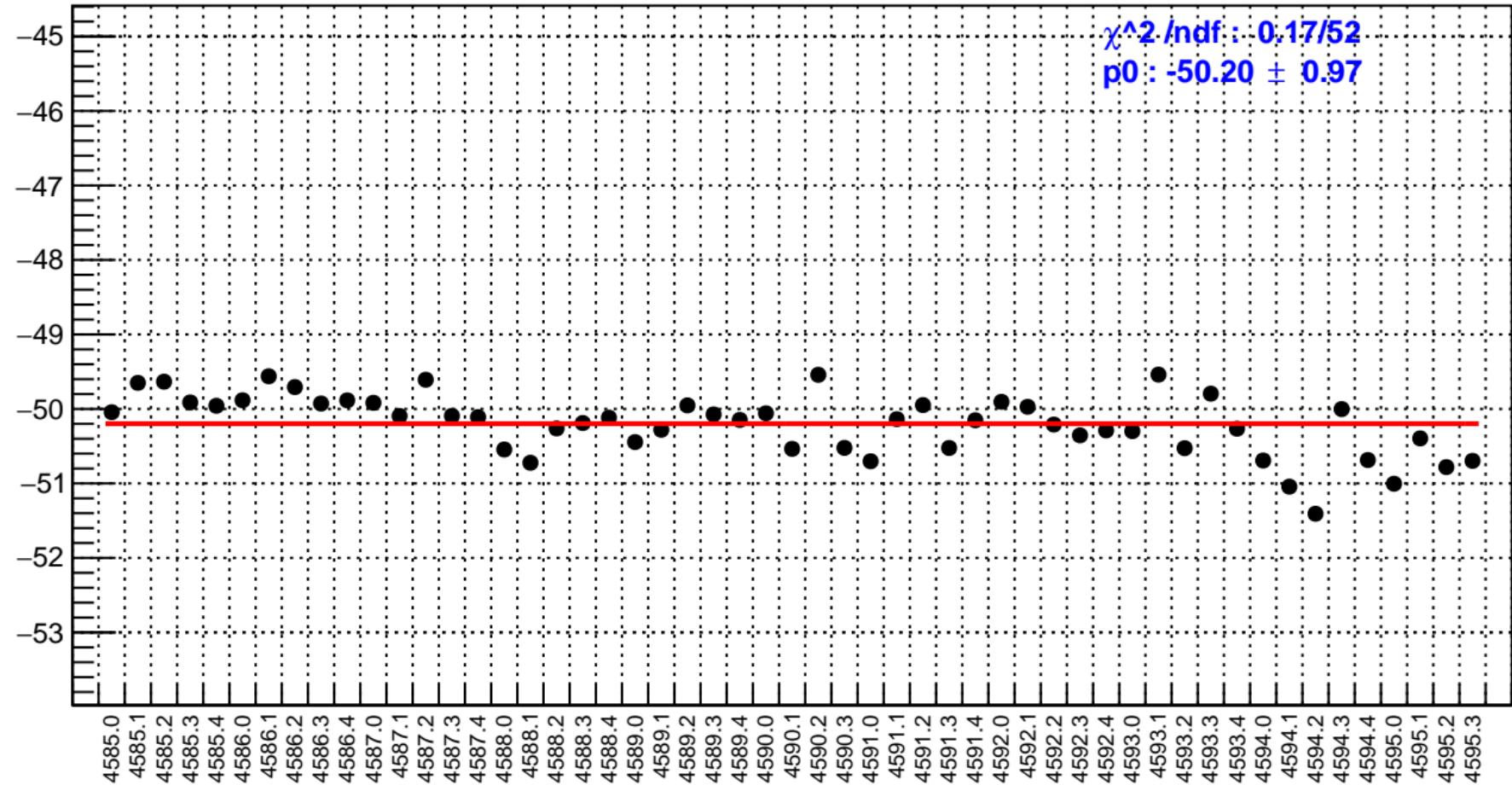
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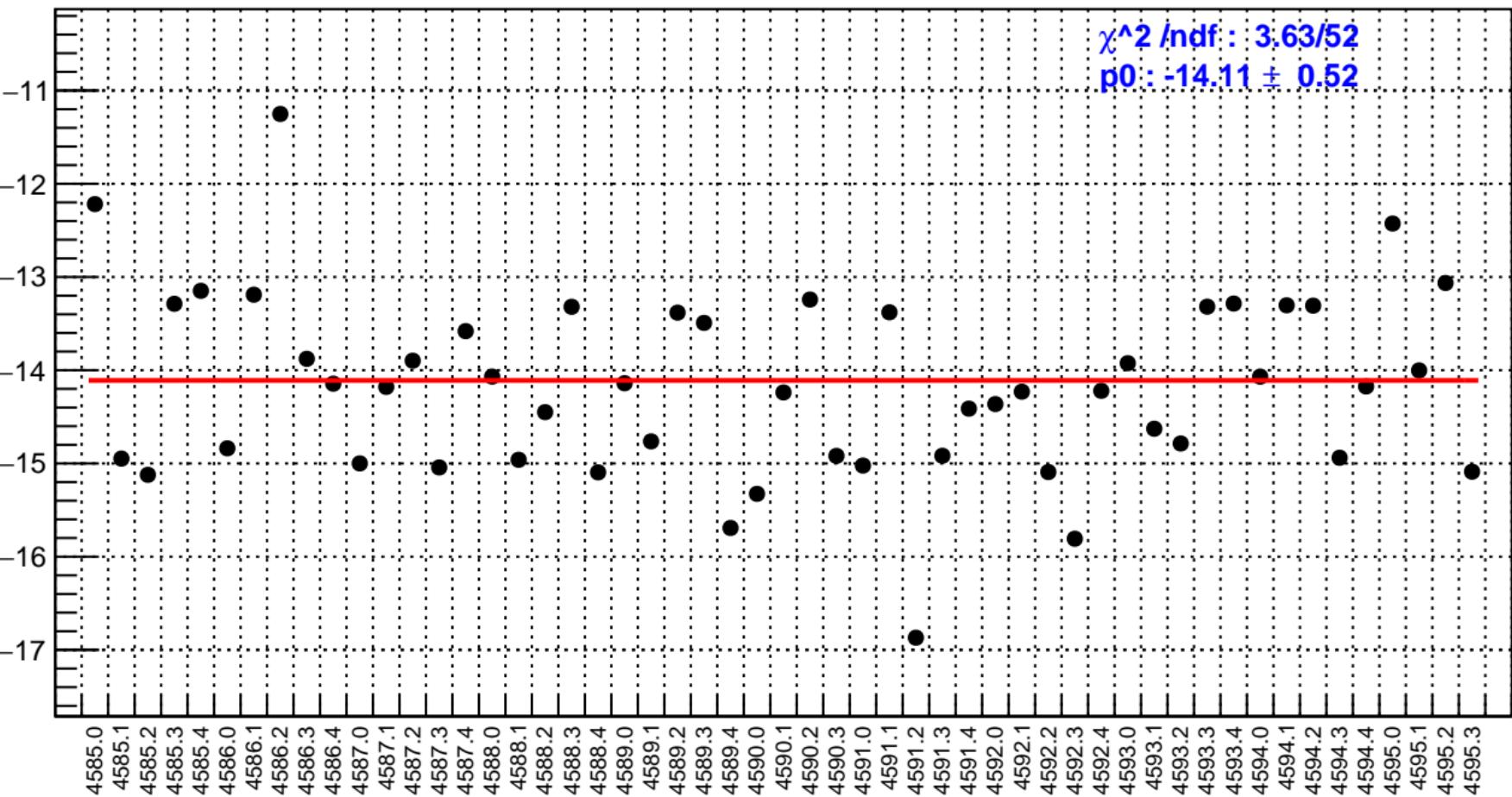
slug70: left_avg_bpm4eY/(ppb/nm)



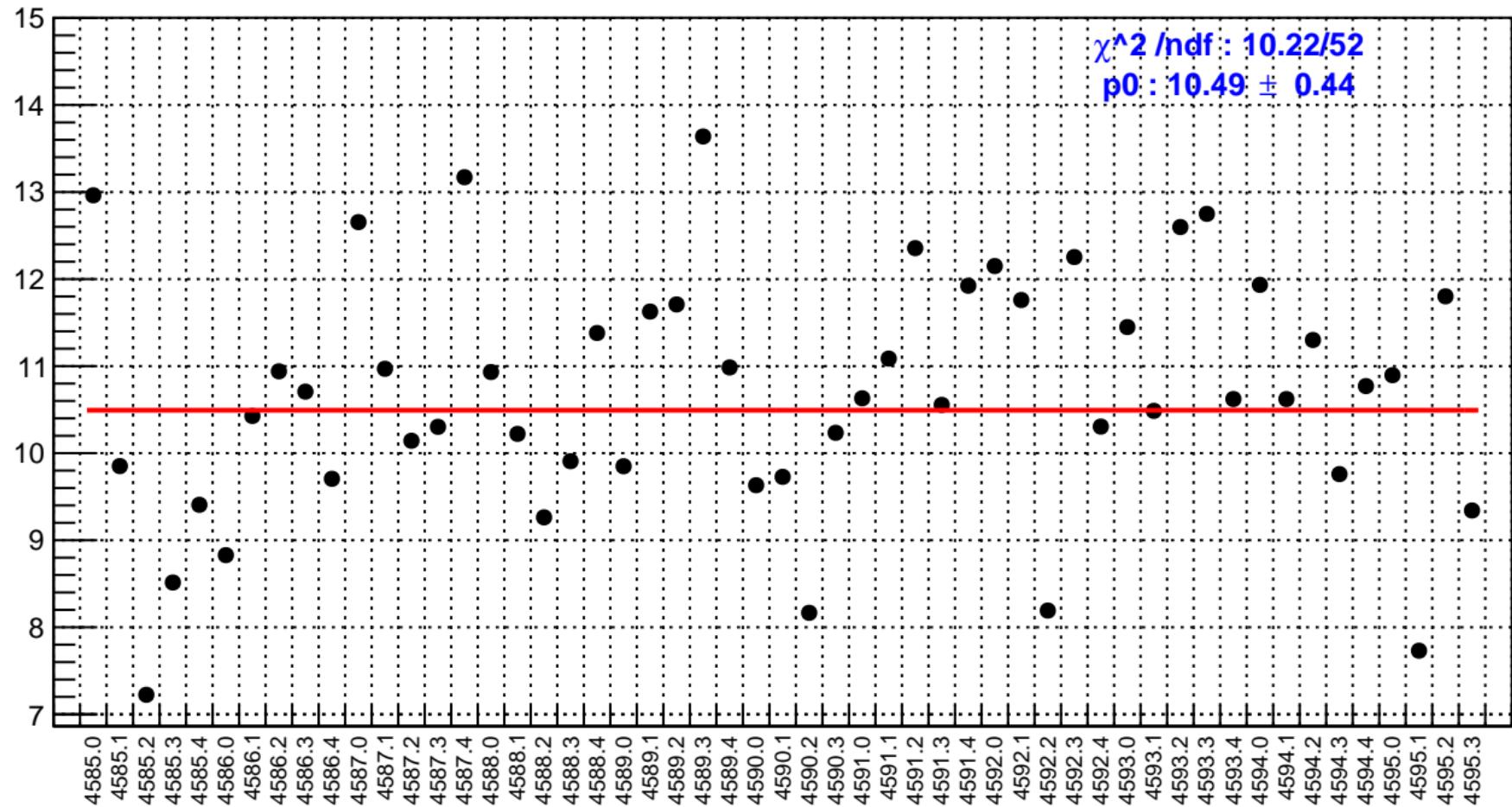
slug70: left_avg_bpm12X(ppb/nm)



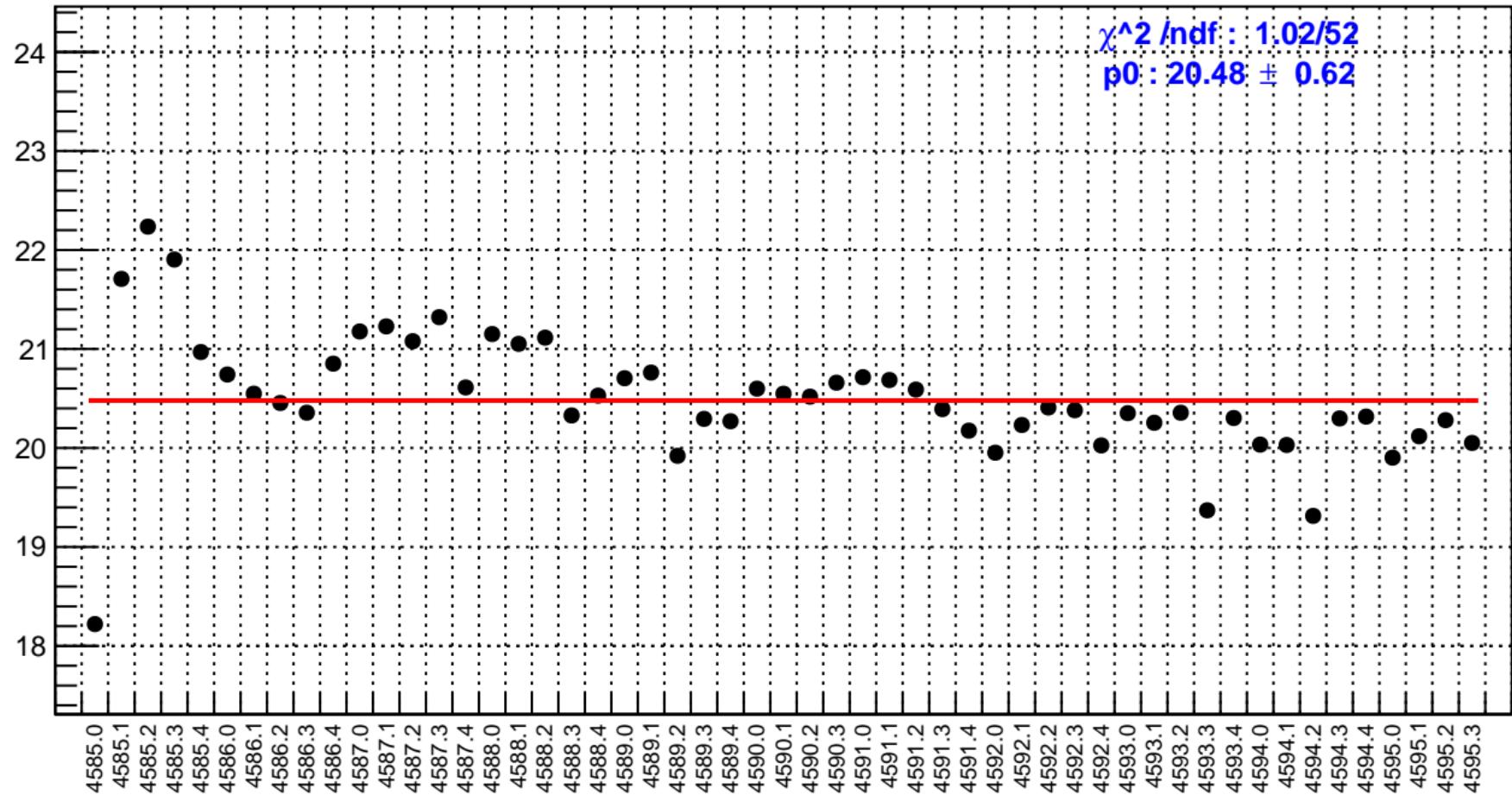
slug70: right_avg_bpm4aX/(ppb/nm)



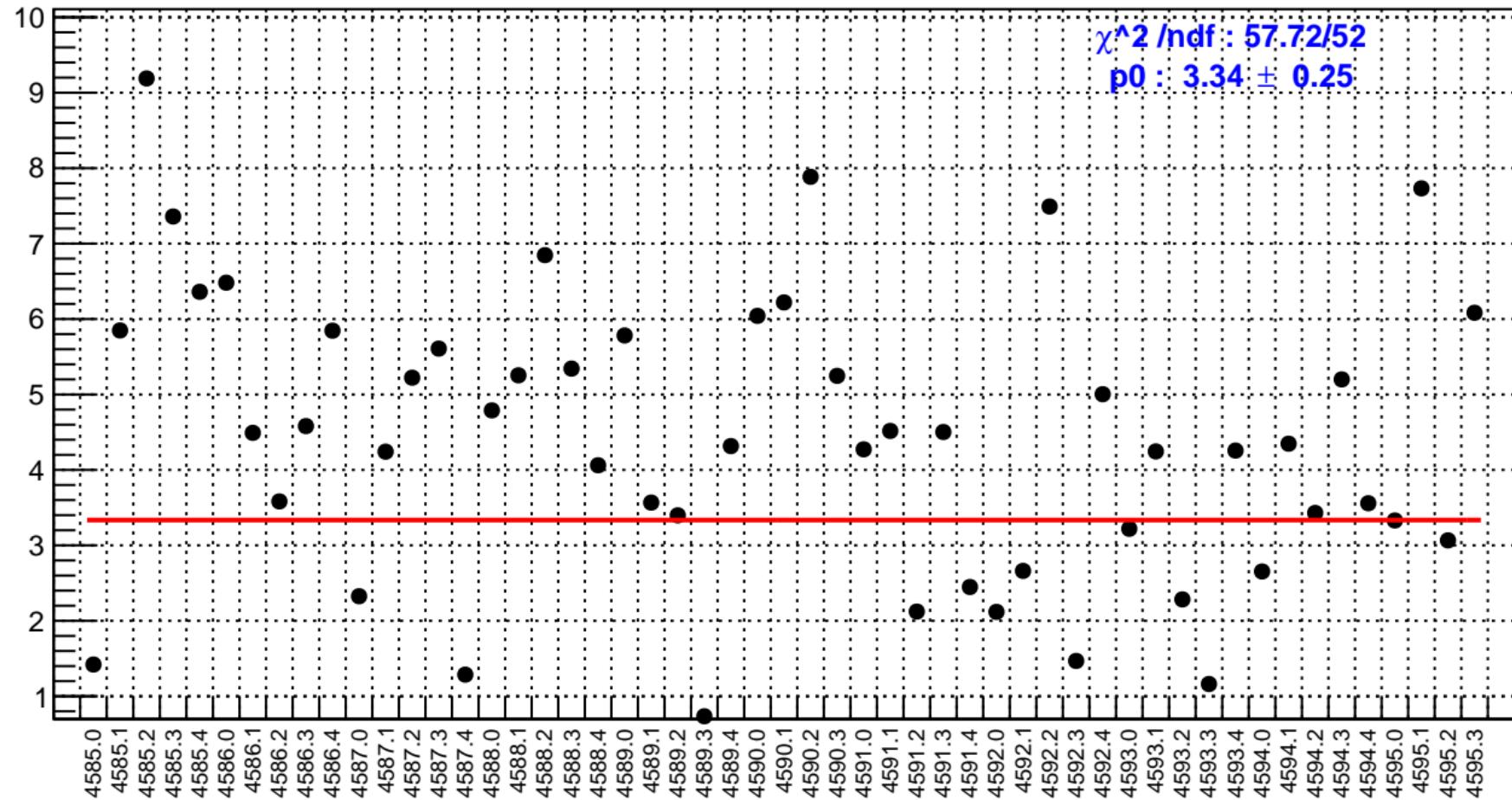
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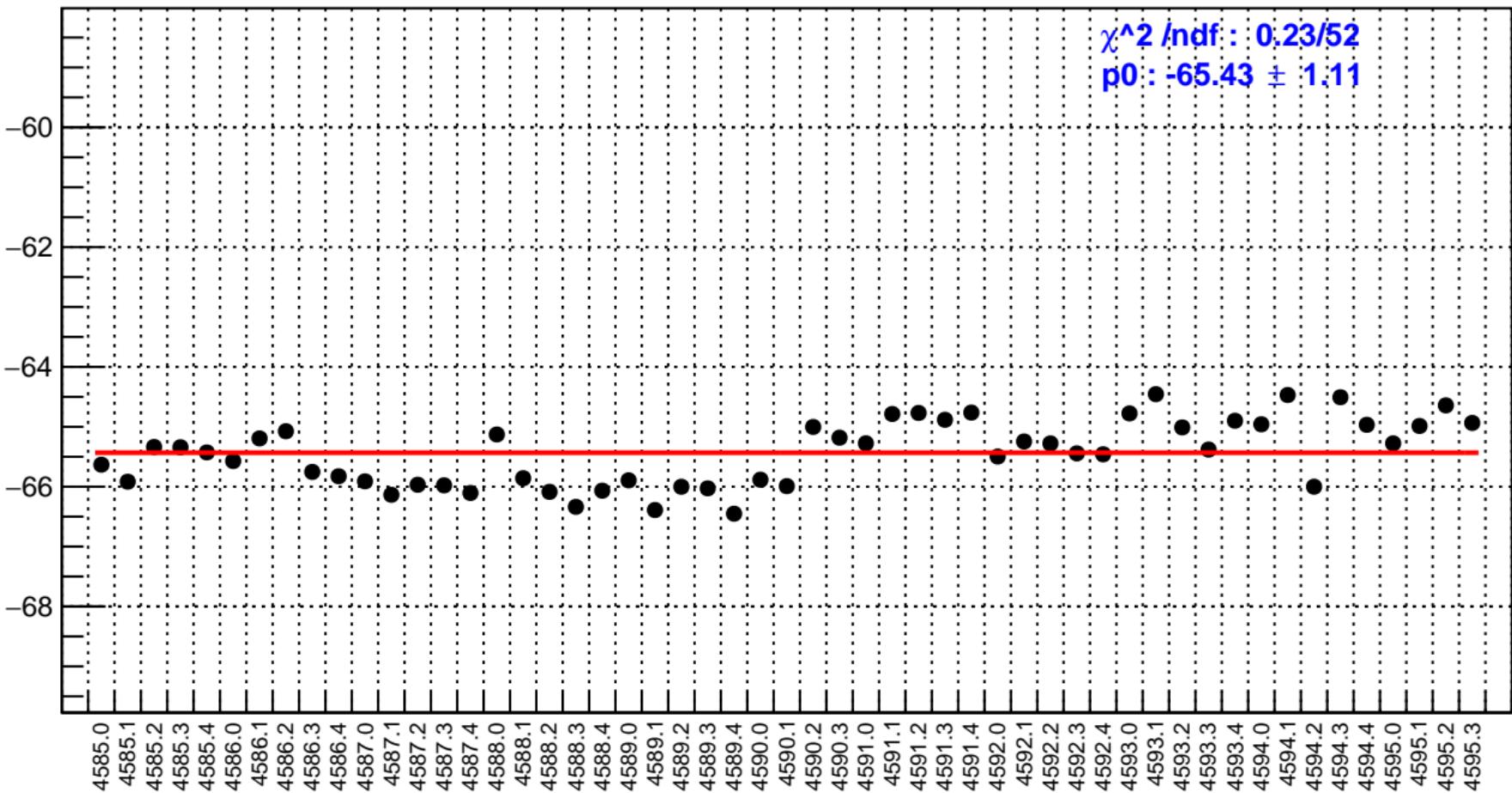
slug70: right_avg_bpm4eX/(ppb/nm)



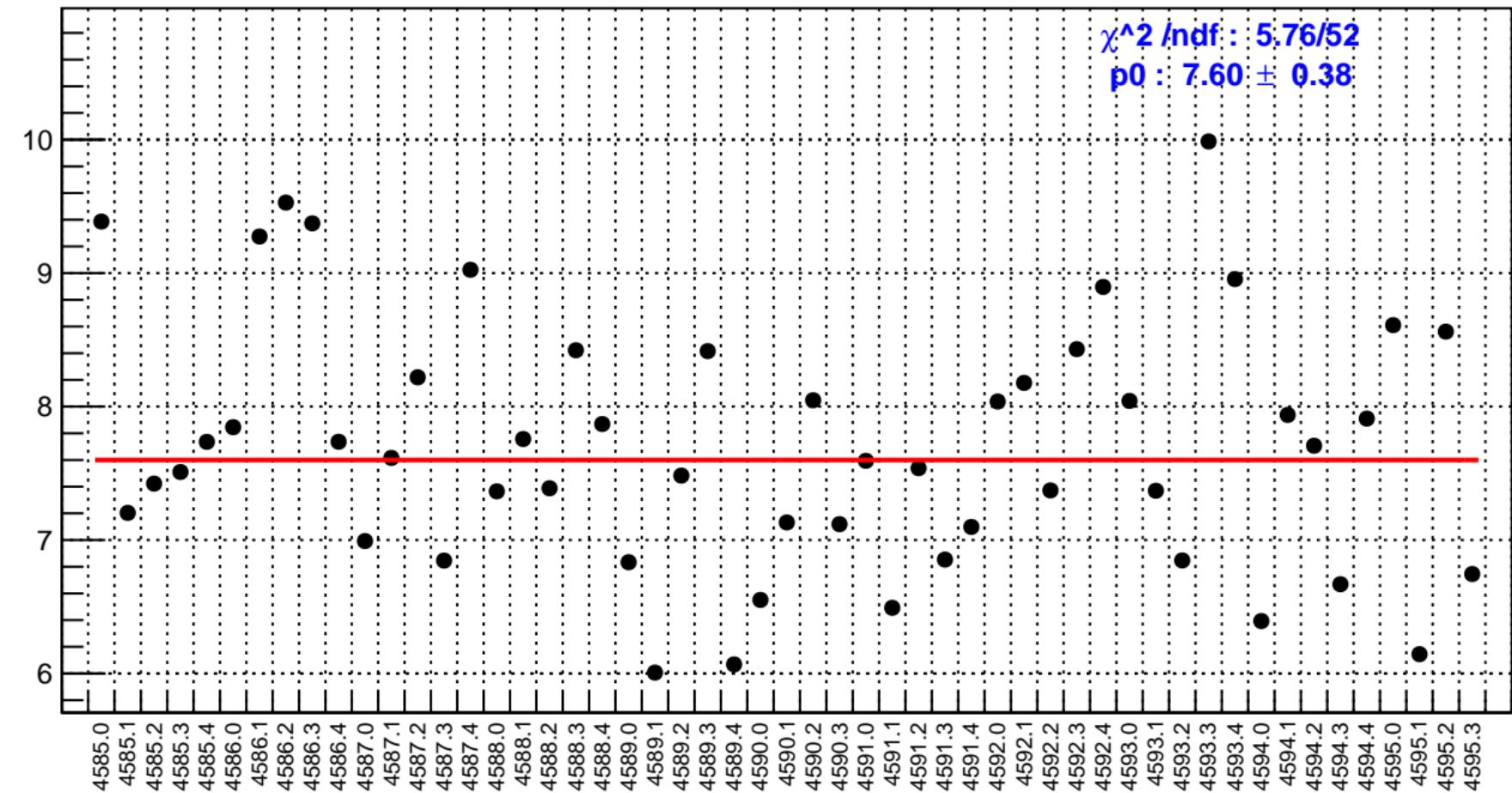
slug70: right_avg_bpm4eY/(ppb/nm)



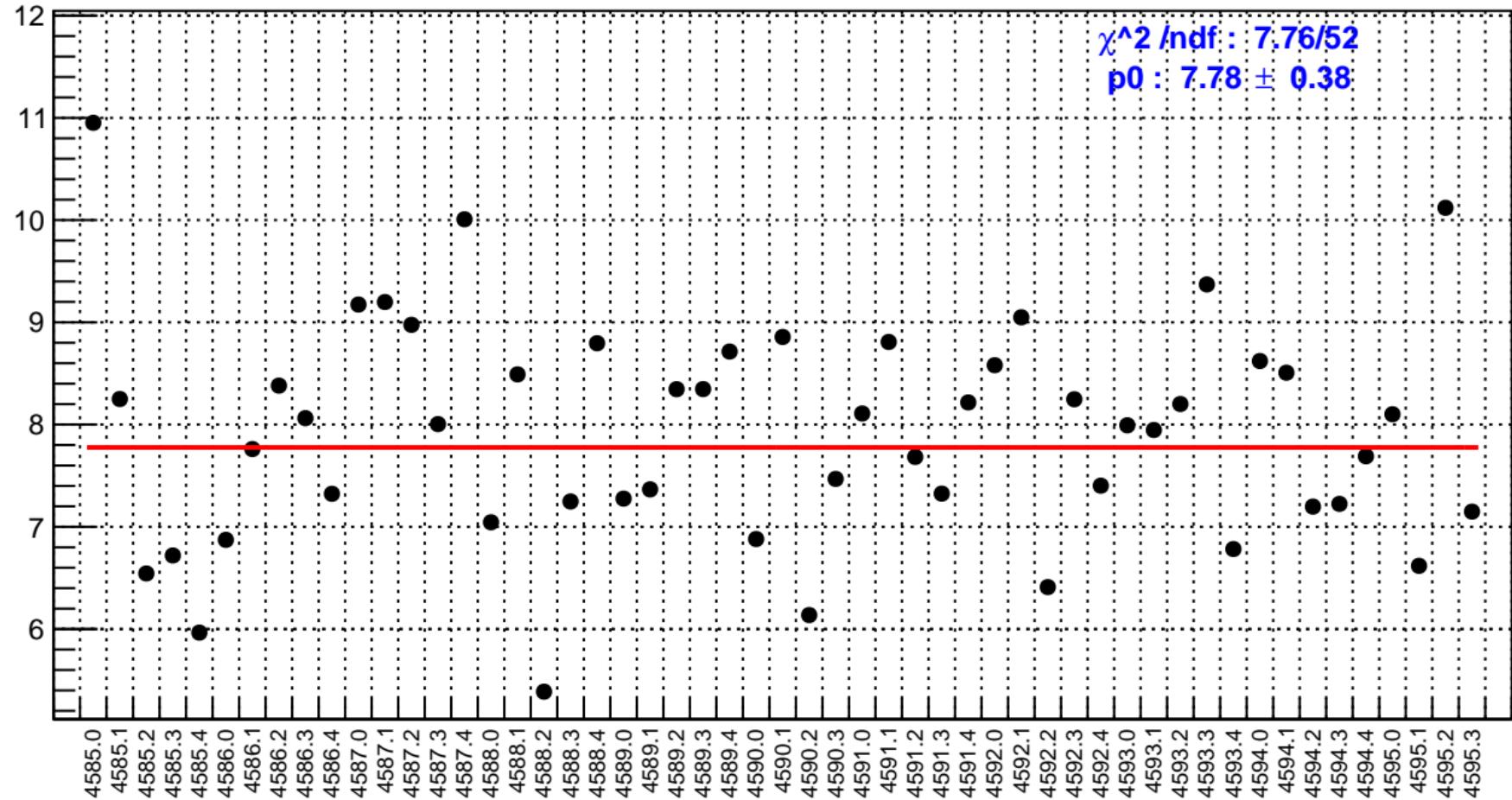
slug70: right_avg_bpm12X/(ppb/nm)



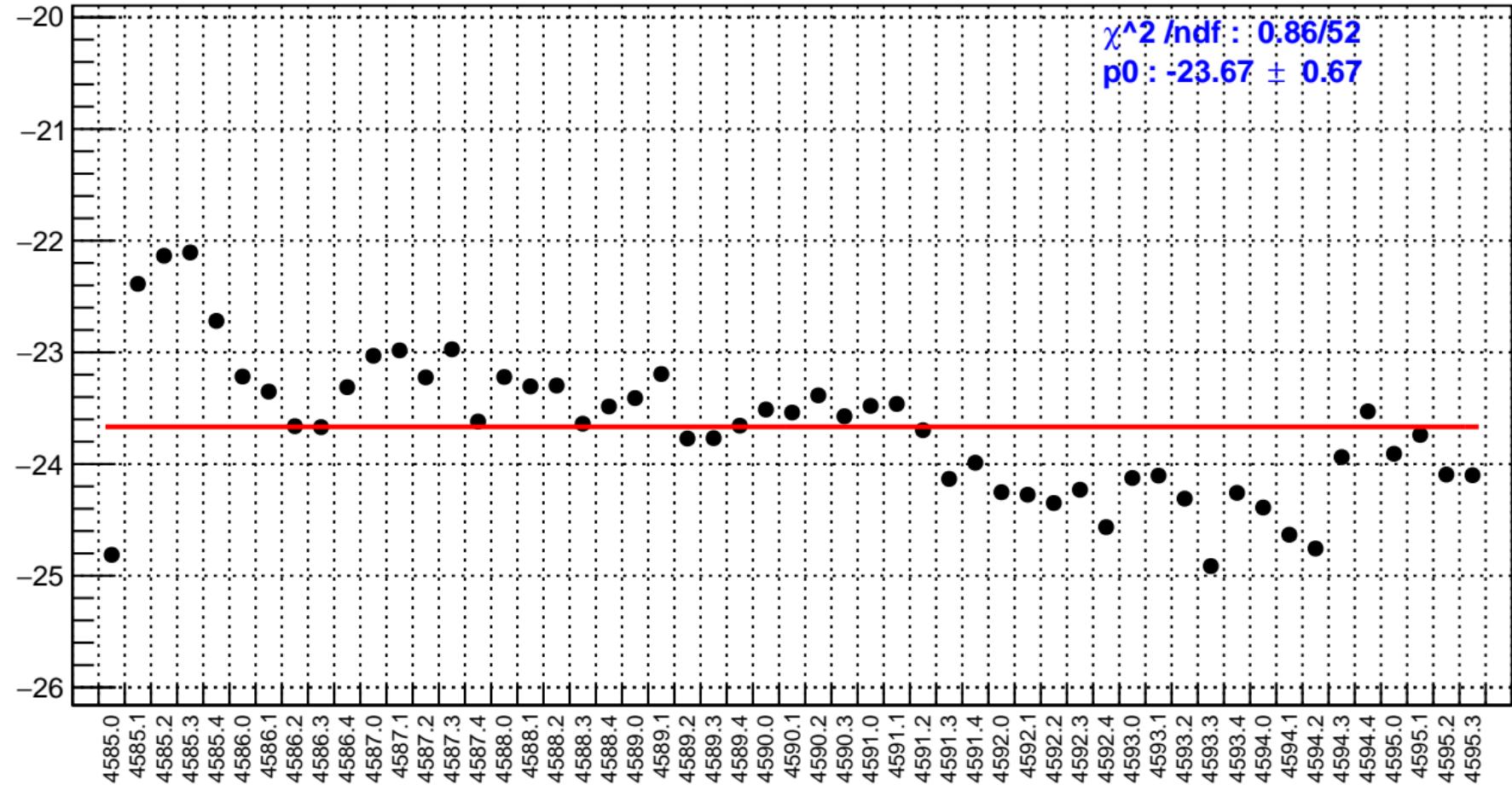
slug70: us_avg_bpm4aX/(ppb/nm)



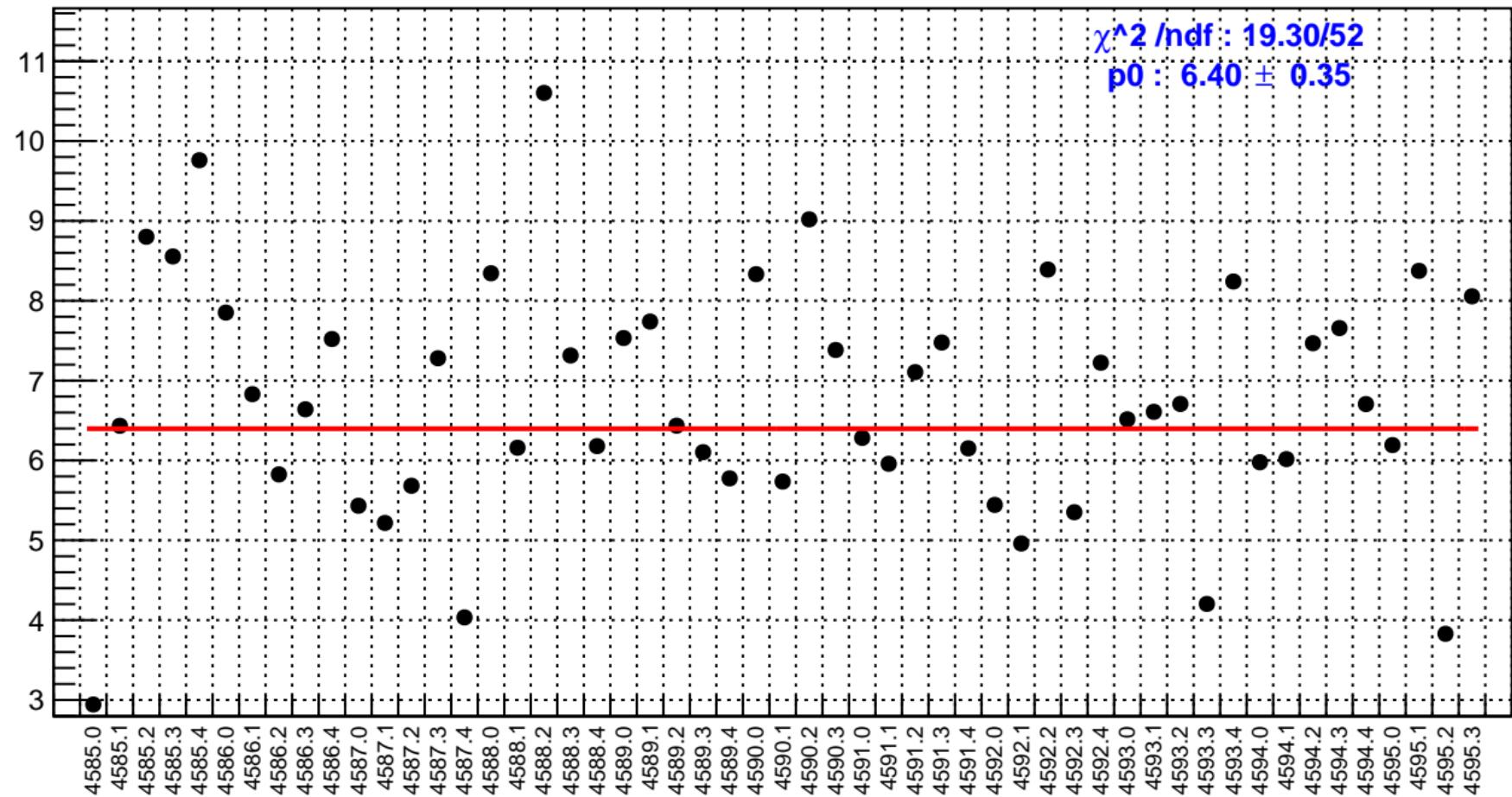
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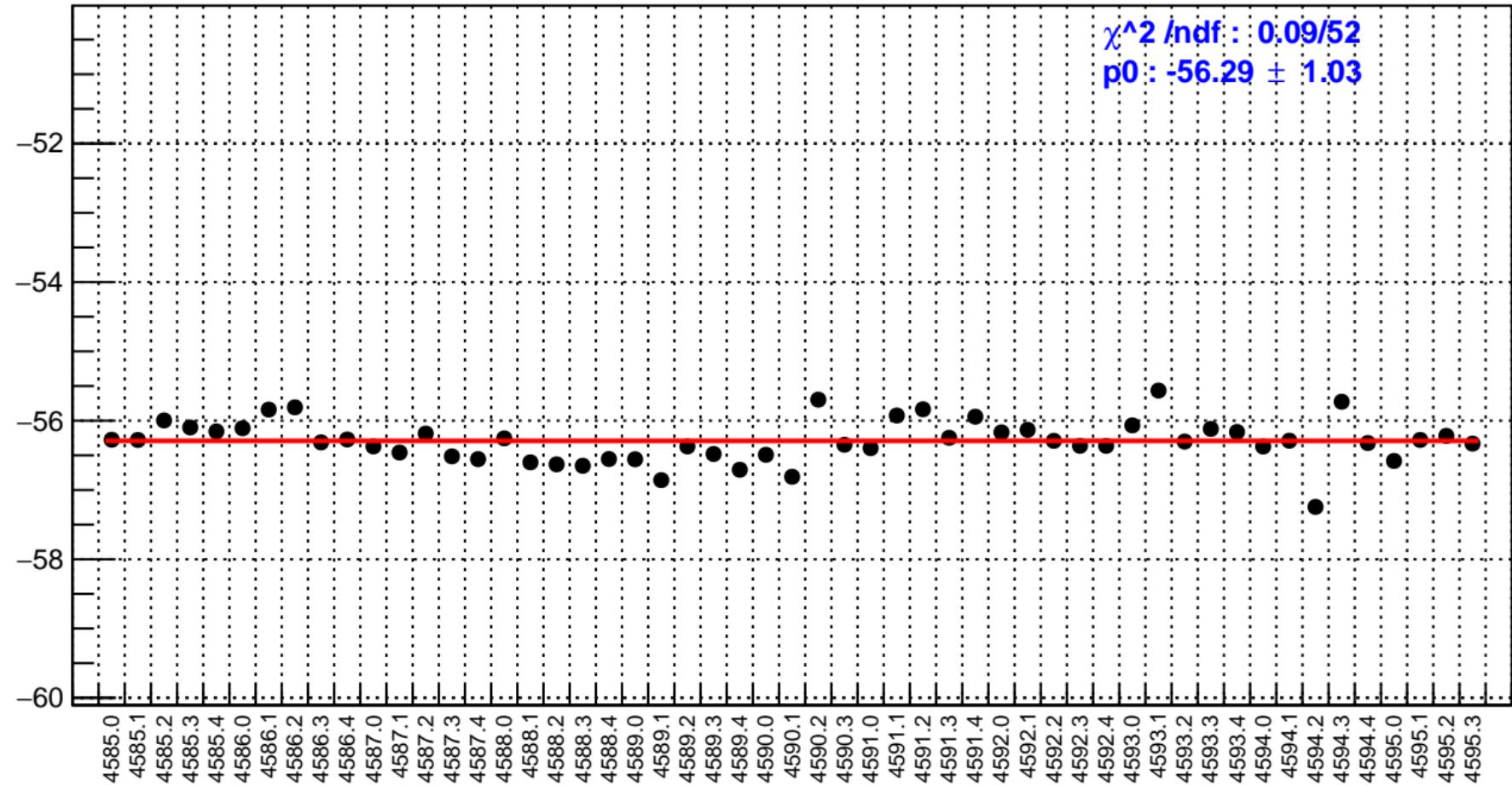
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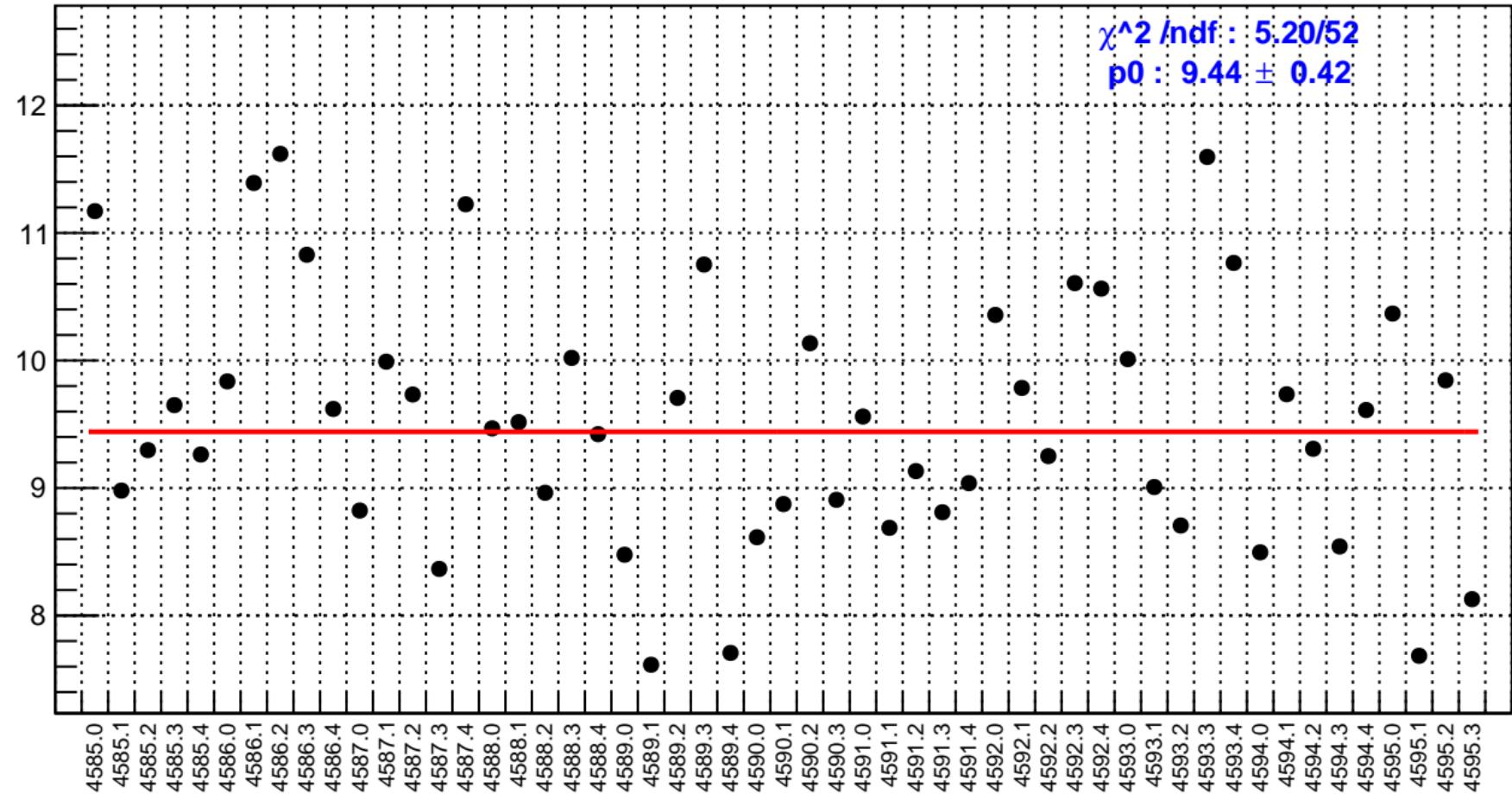
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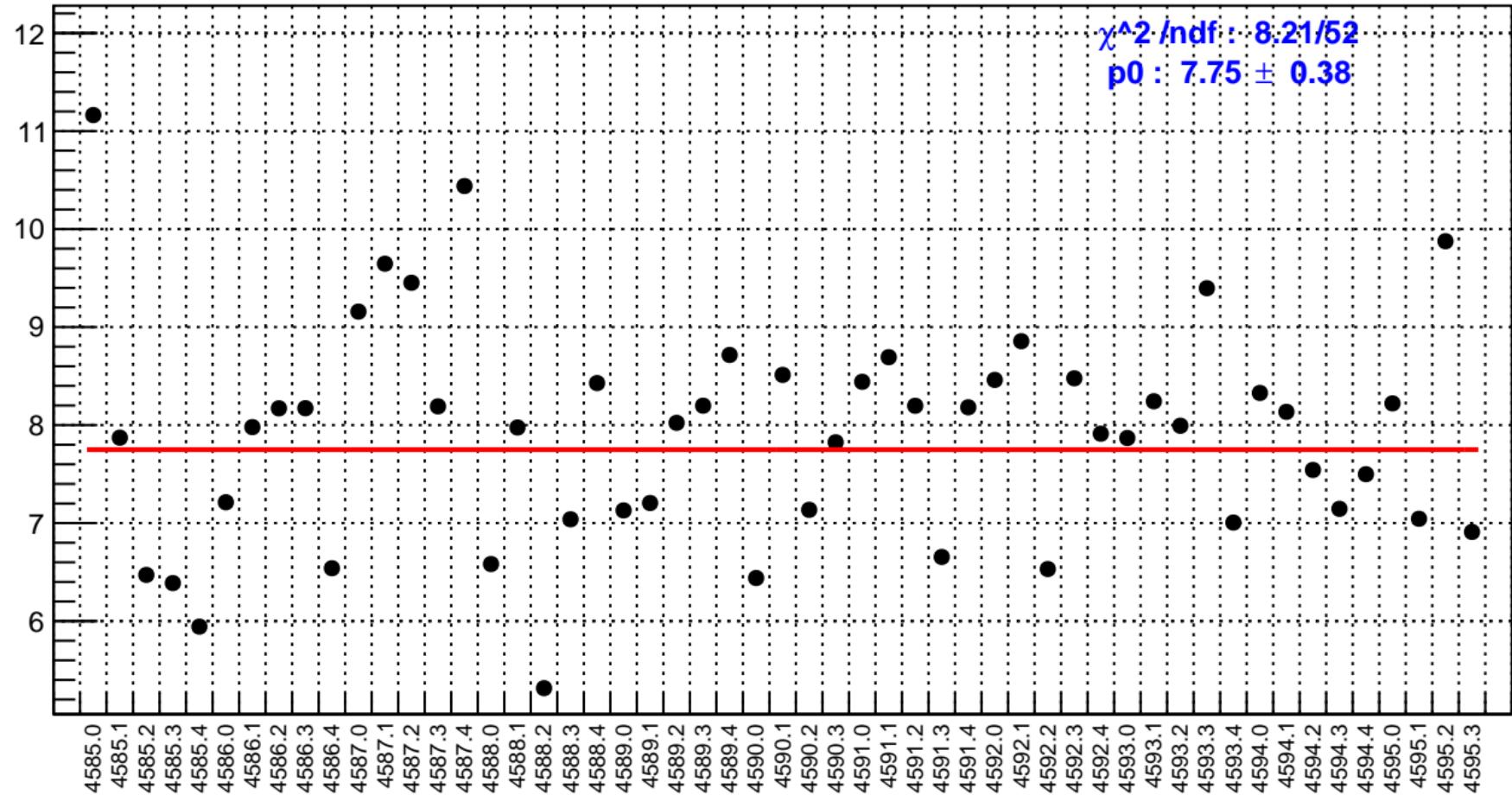
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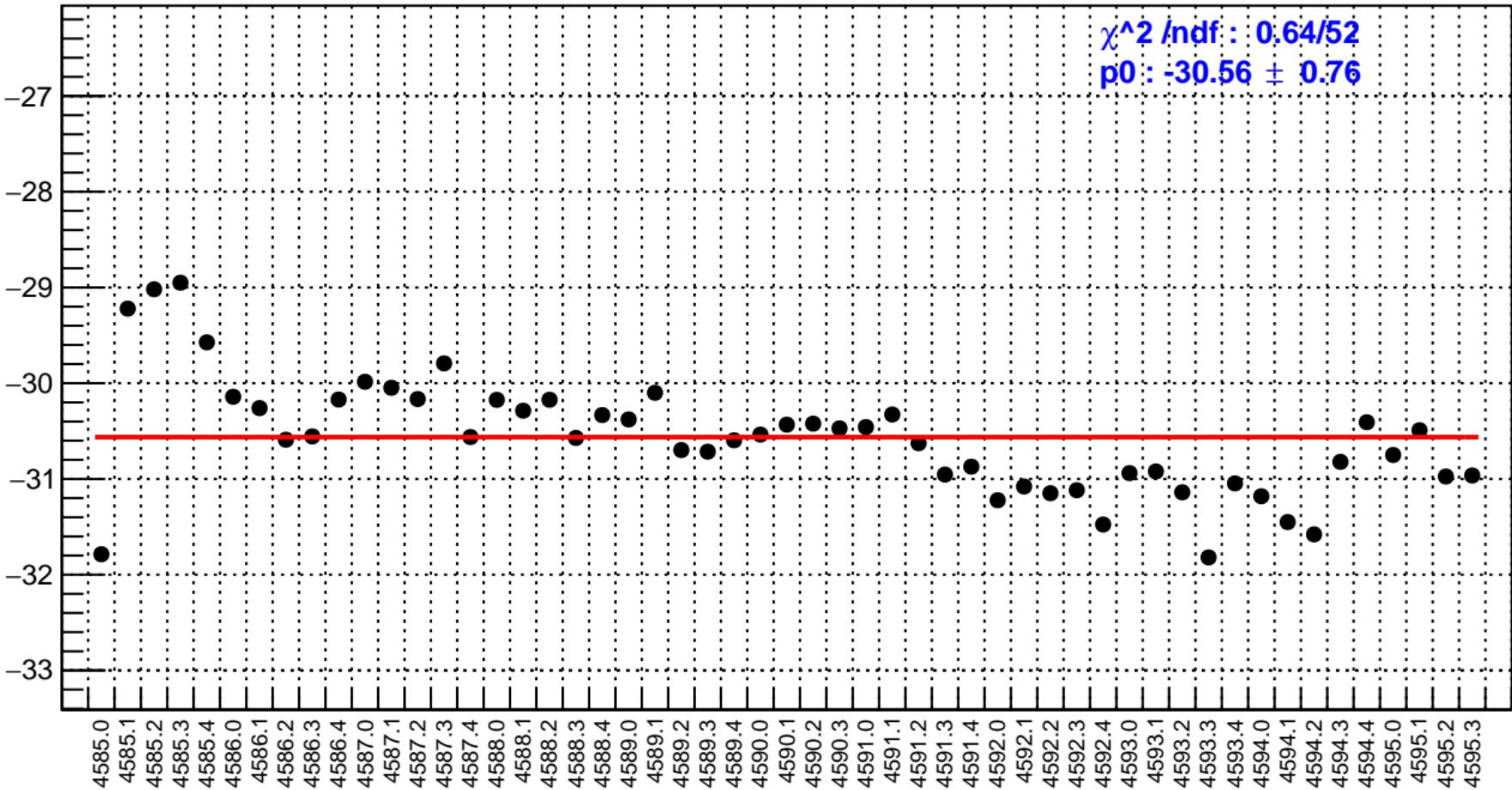
slug70: ds_avg_bpm4aX/(ppb/nm)



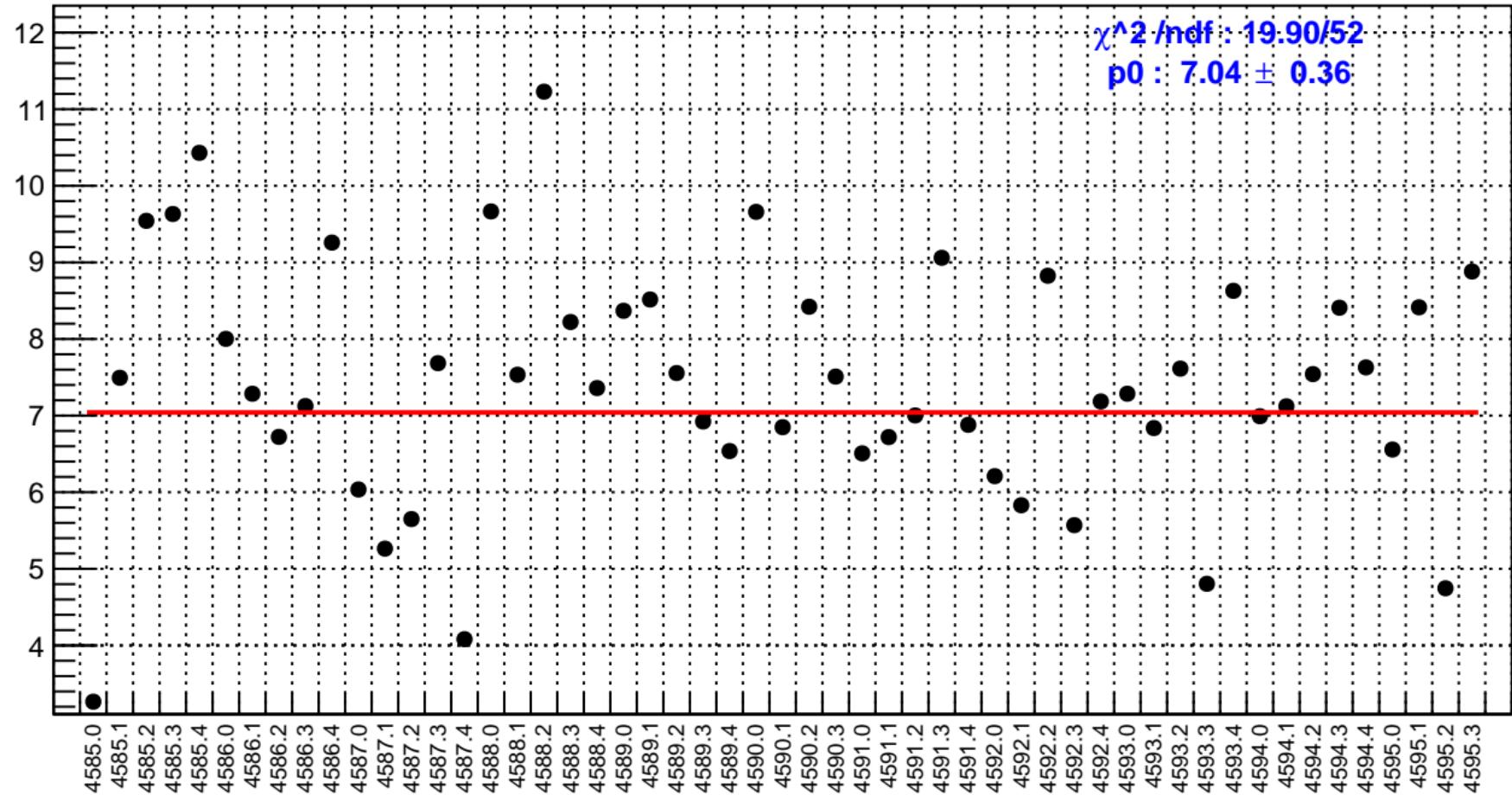
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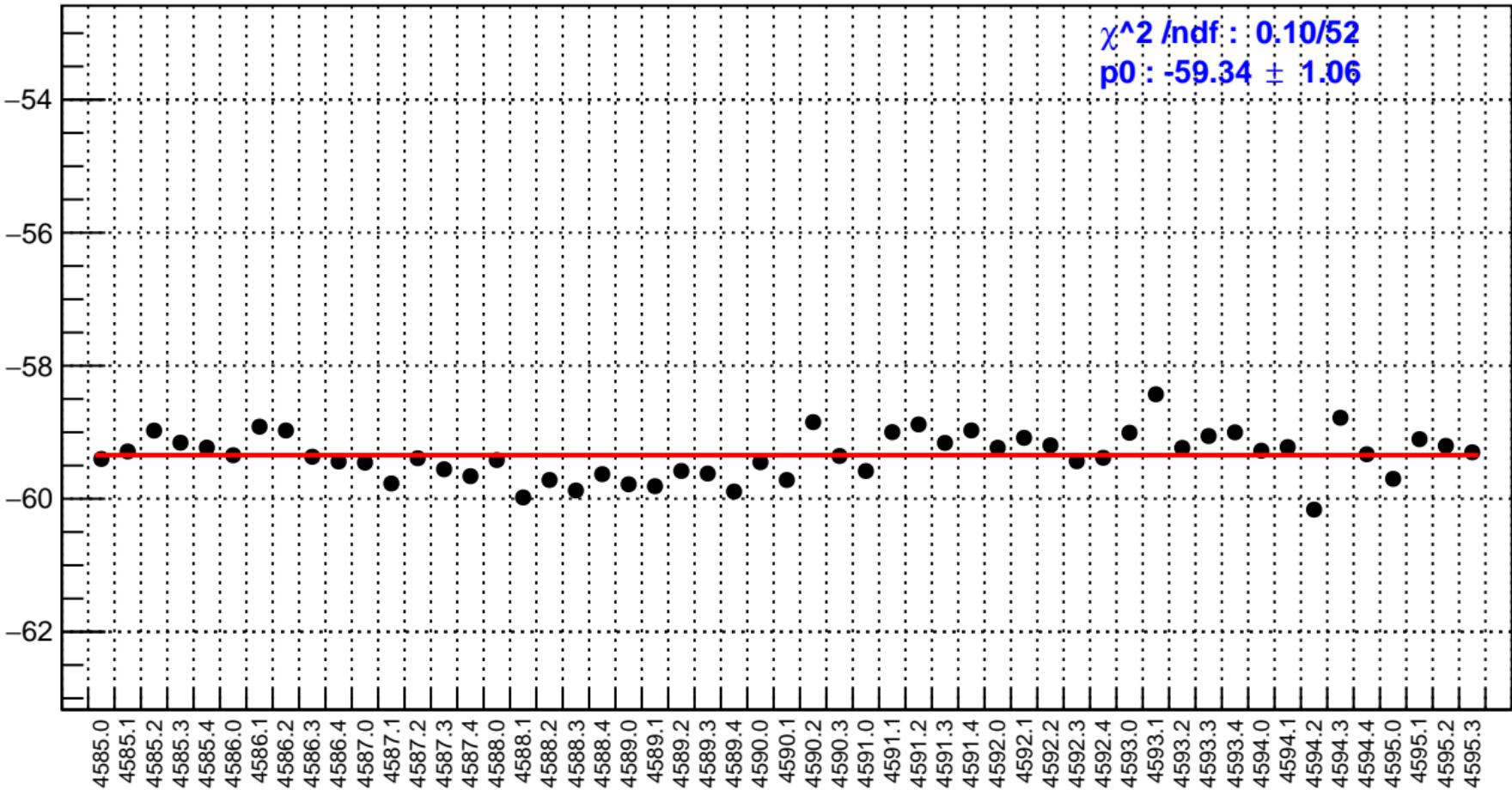
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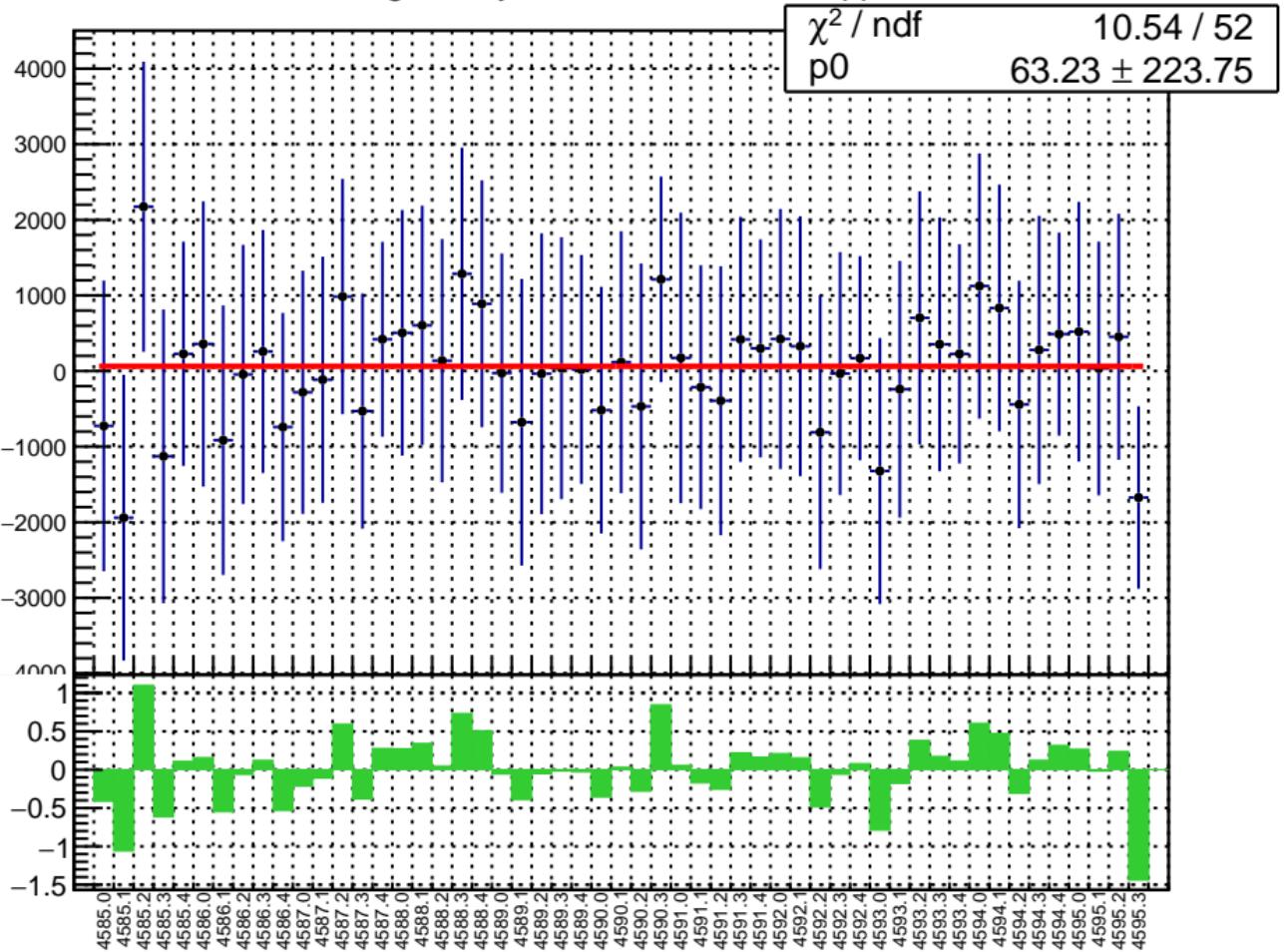
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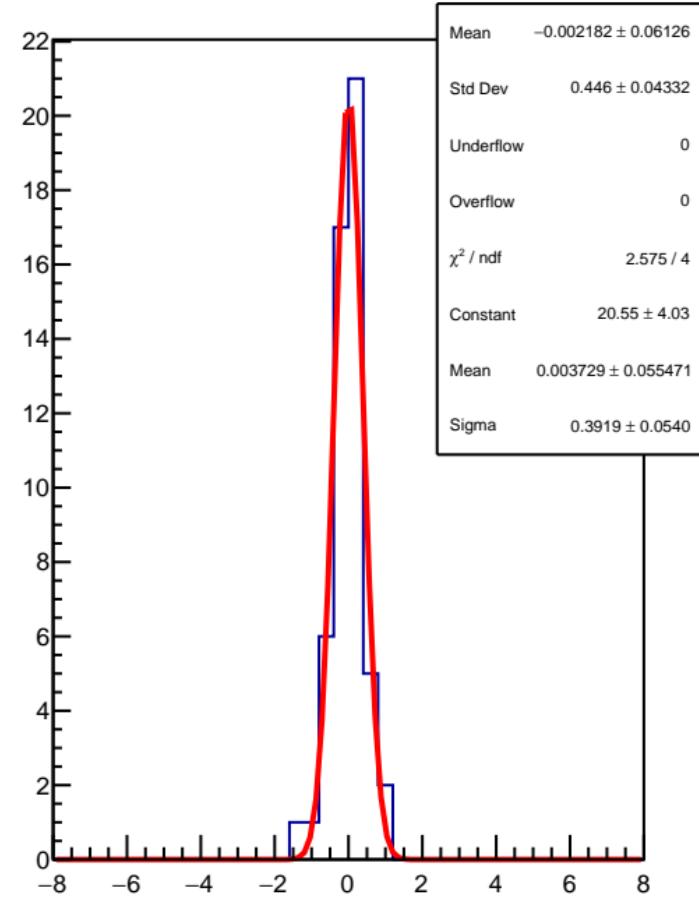
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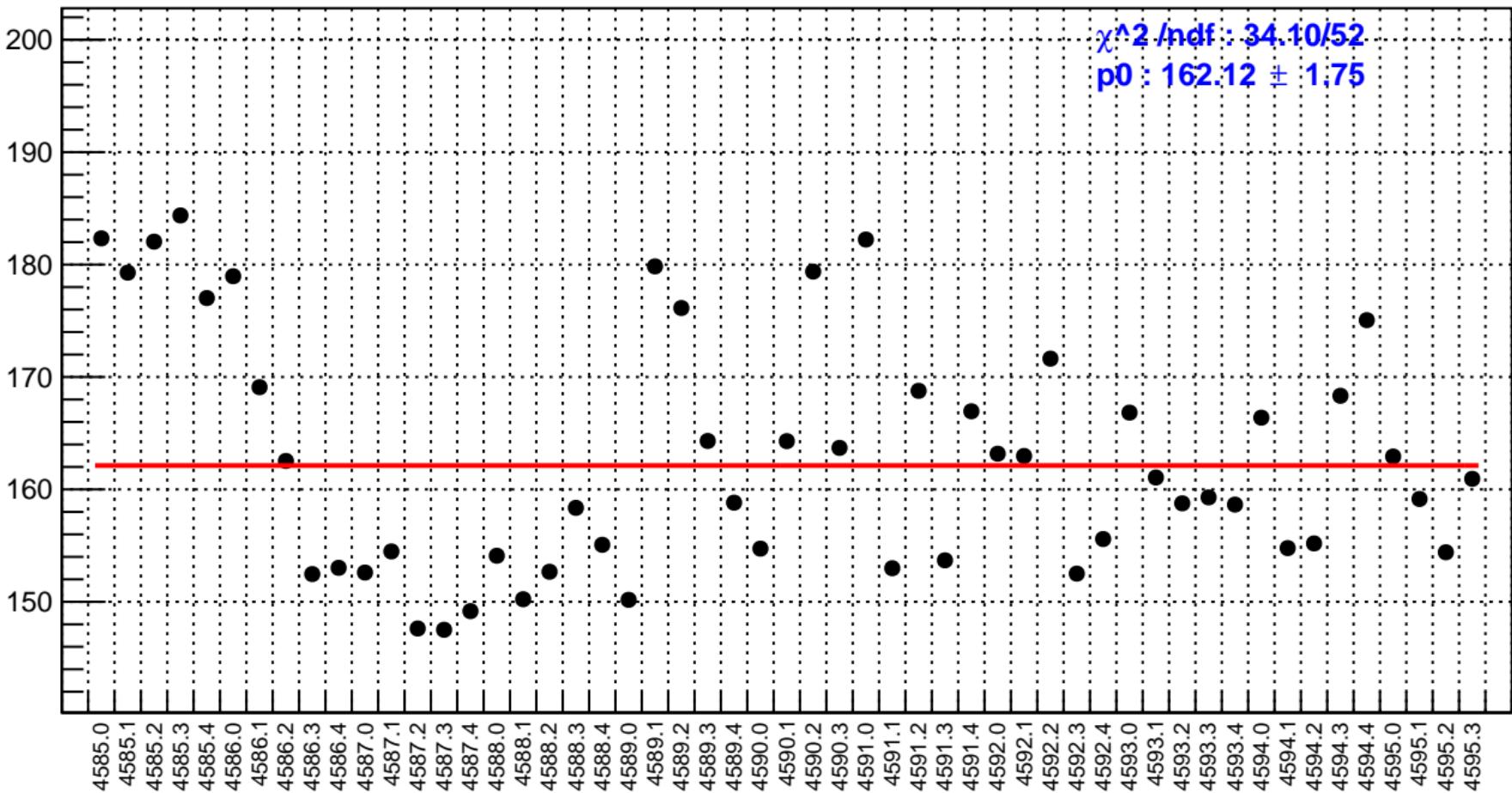
slug70: asym_bcm_an_ds.mean/ppb



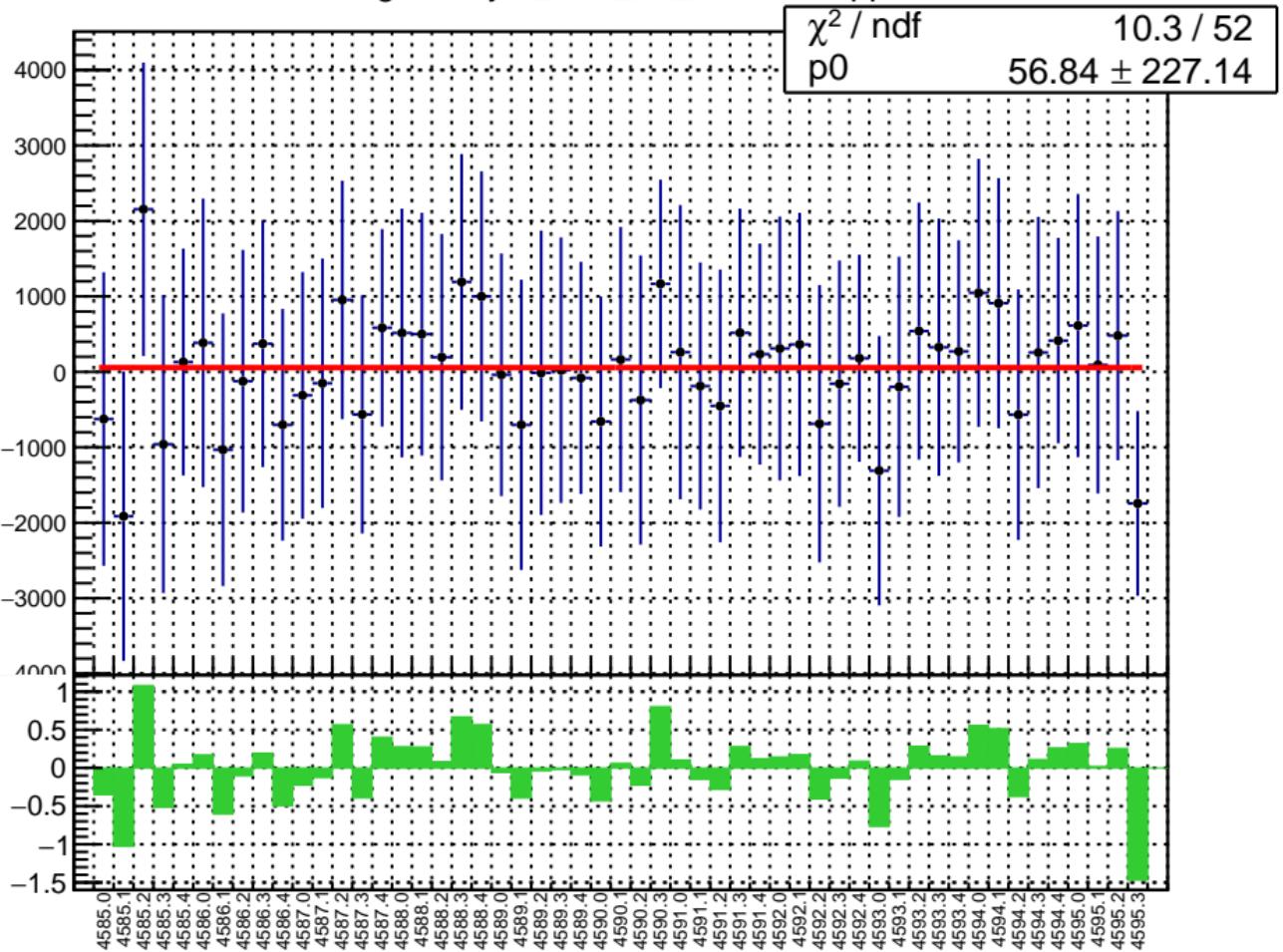
1D pull distribution



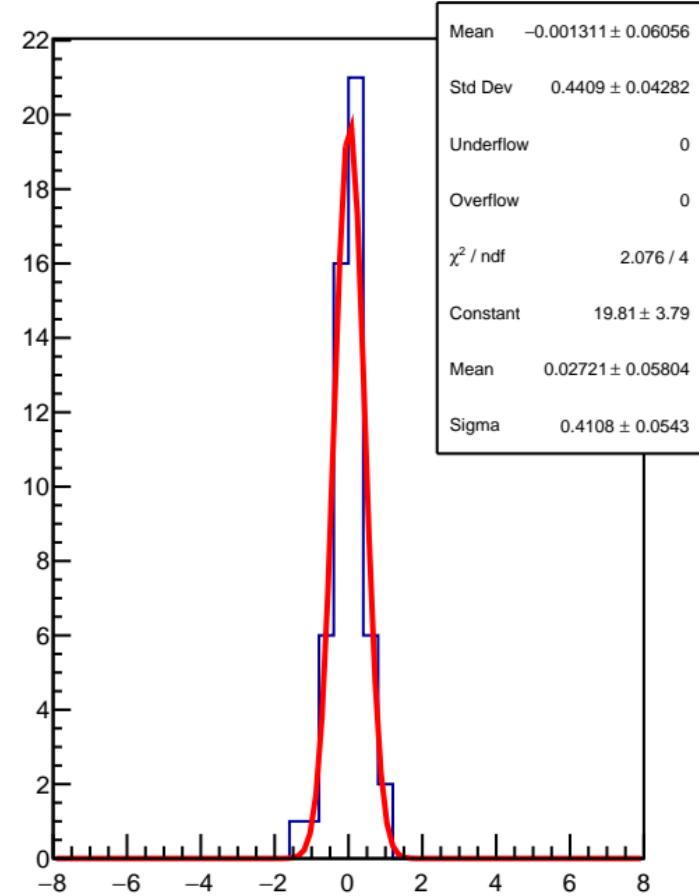
slug70: asym_bcm_an_ds.rms/ppm



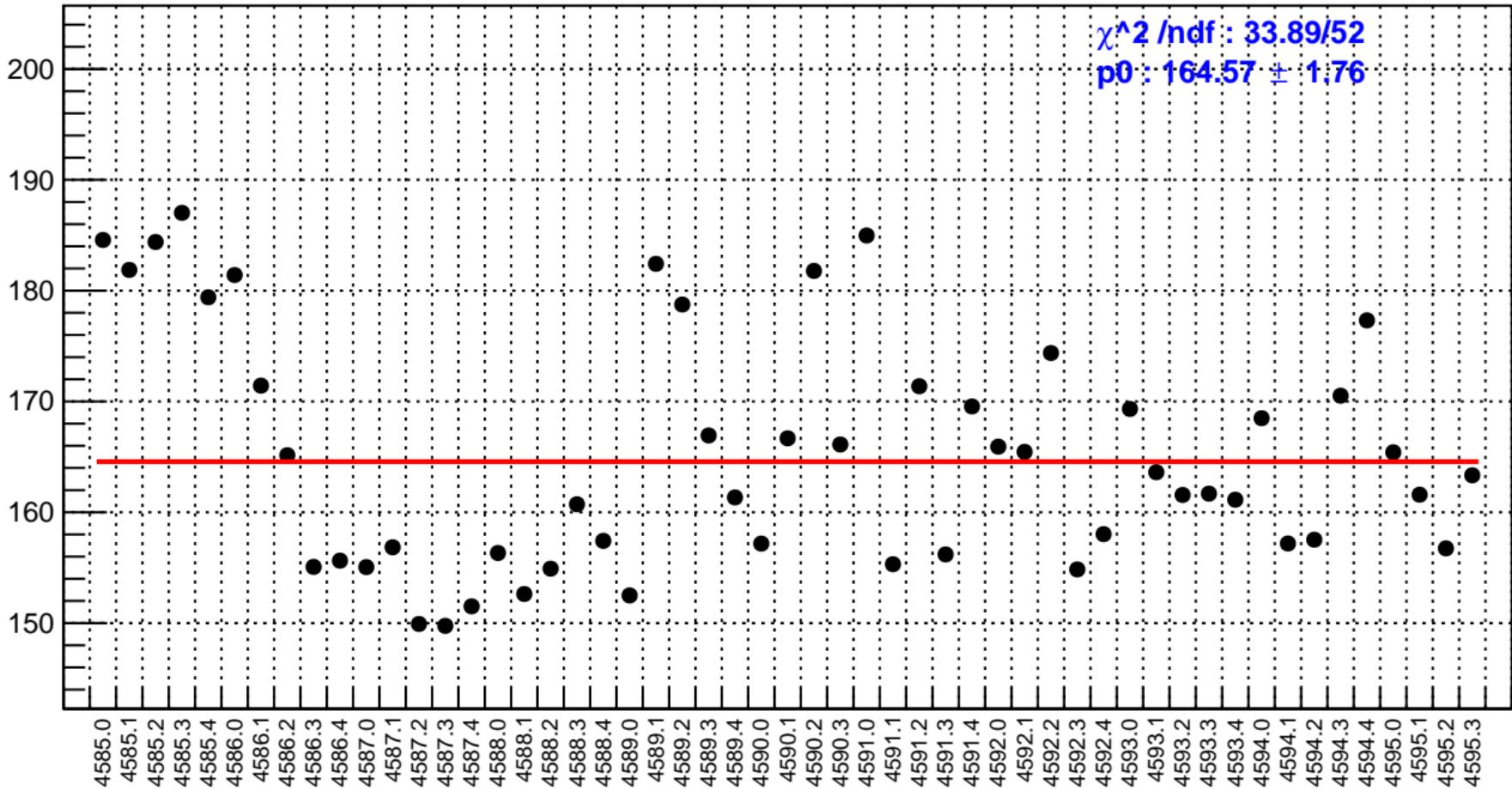
slug70: asym_bcm_an_ds3.mean/ppb



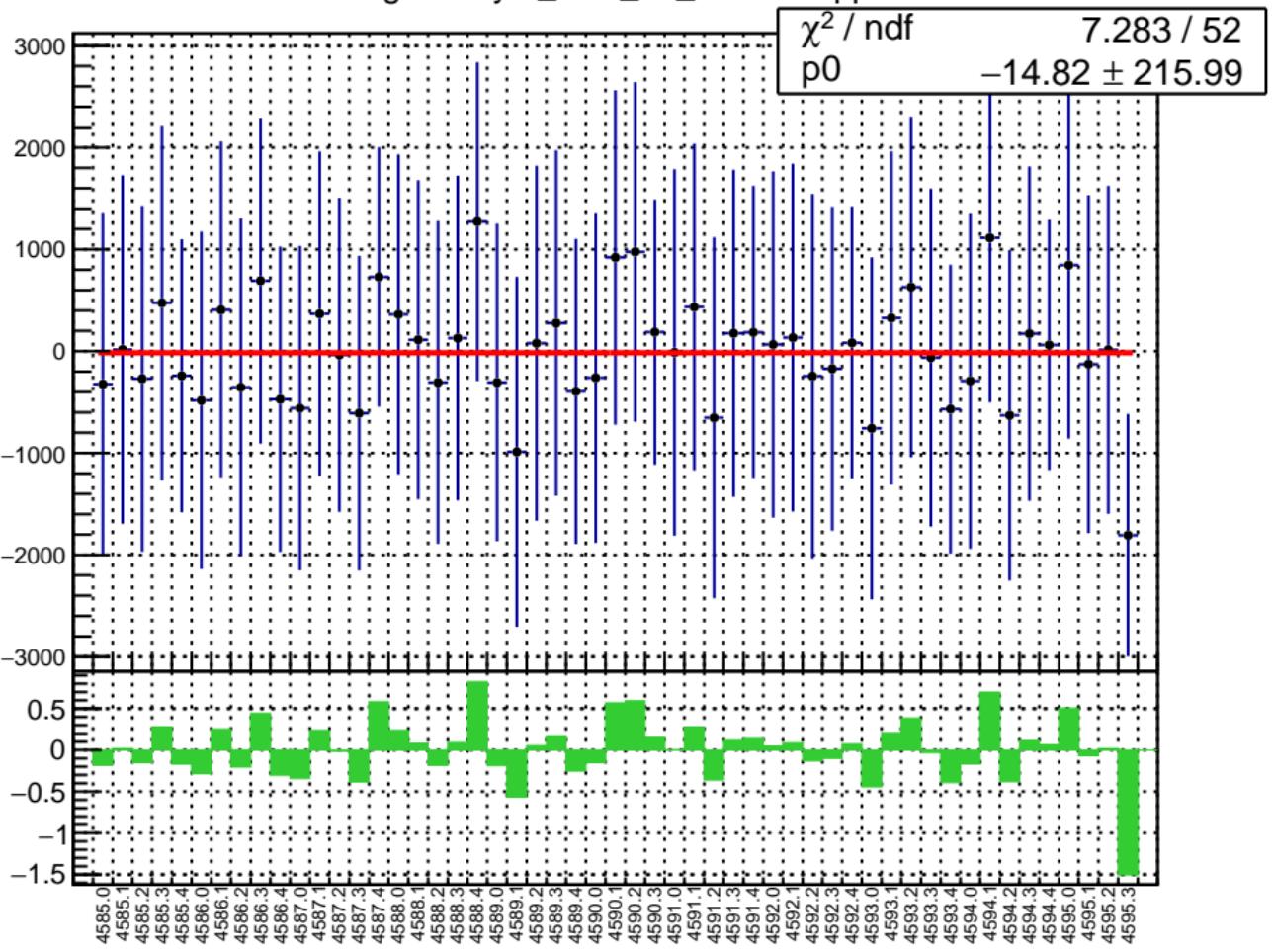
1D pull distribution



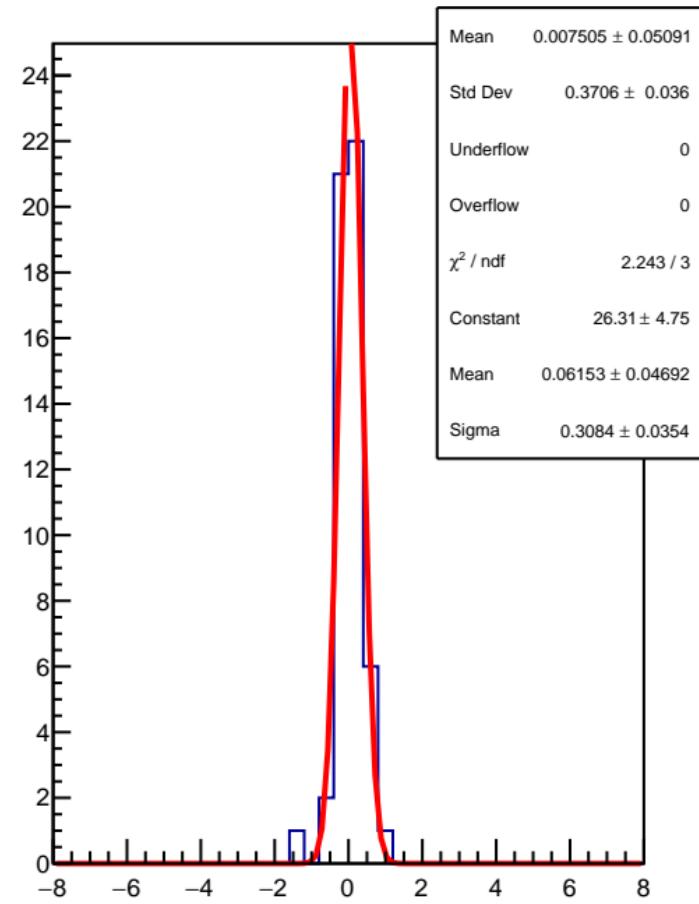
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slug70: asym_bcm_an_us.mean/ppb

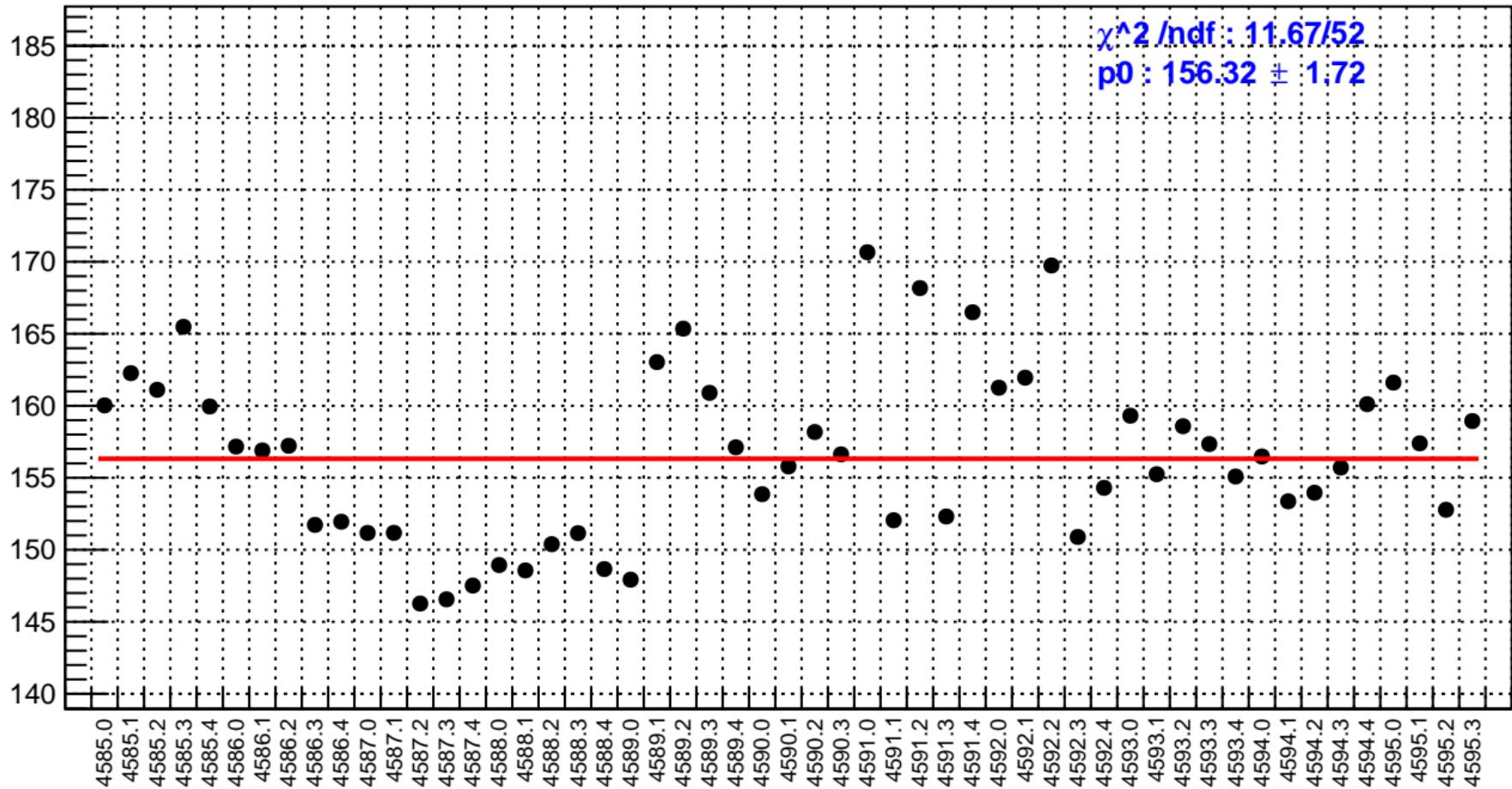


1D pull distribution

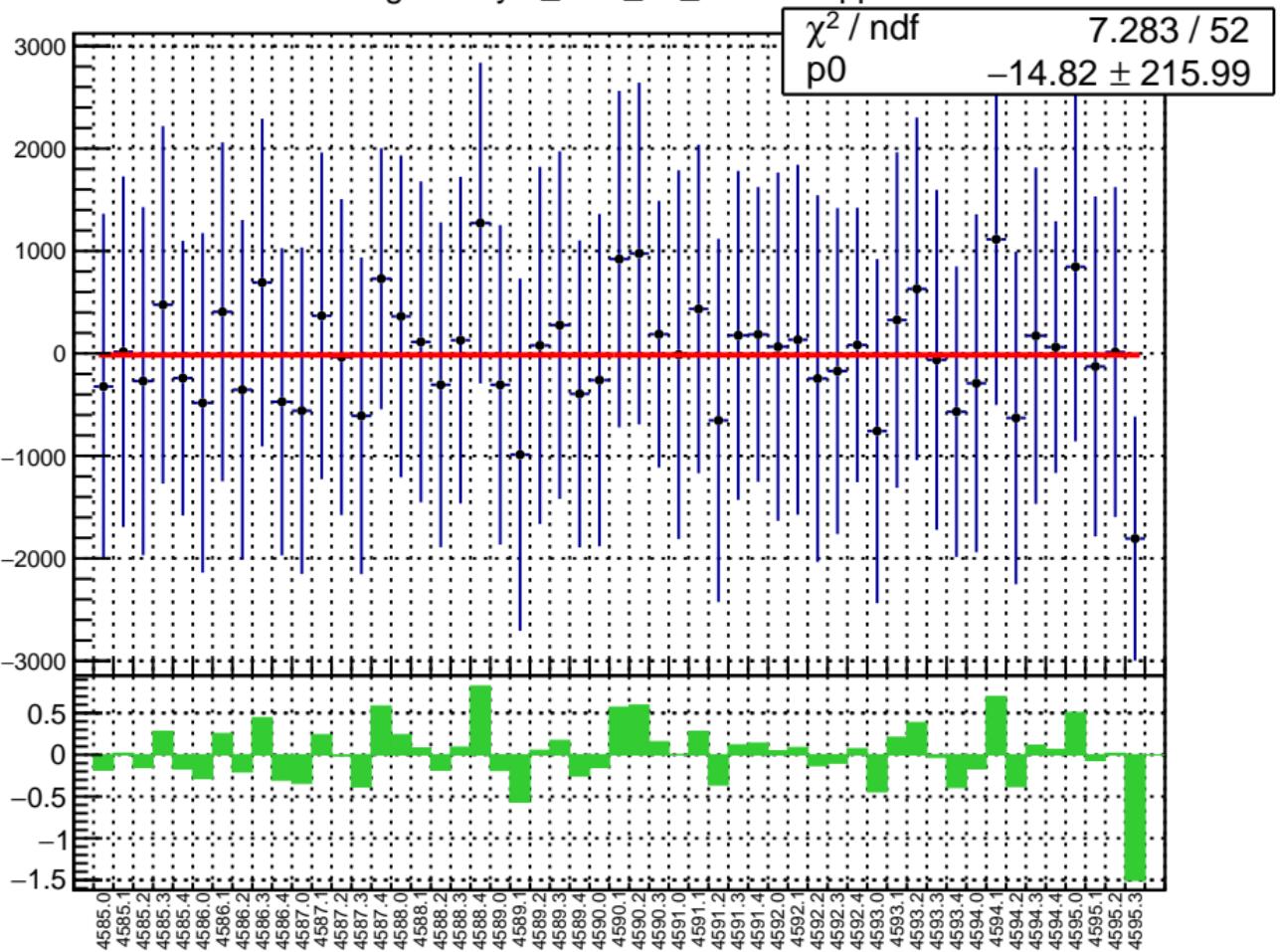


slug70: asym_bcm_an_us.rms/ppm

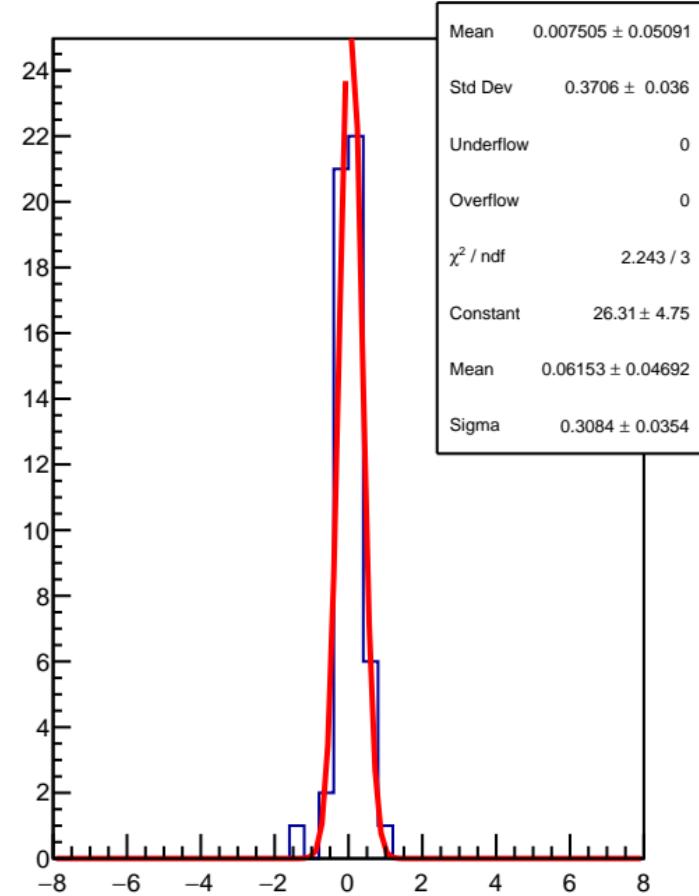
$\chi^2/\text{ndf} : 11.67/52$
 $p_0 : 156.32 \pm 1.72$



slug70: asym_bcm_an_us.mean/ppb

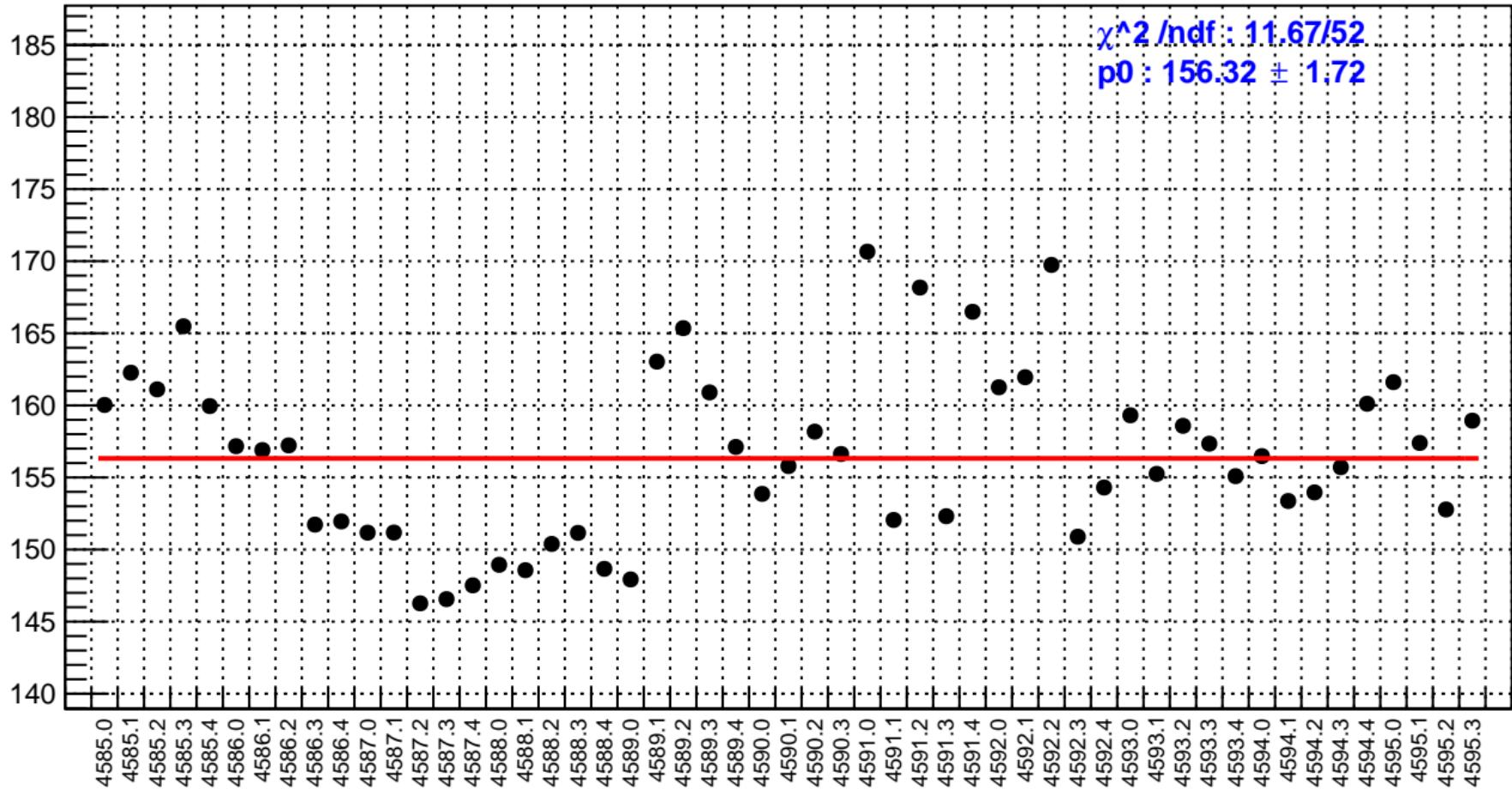


1D pull distribution

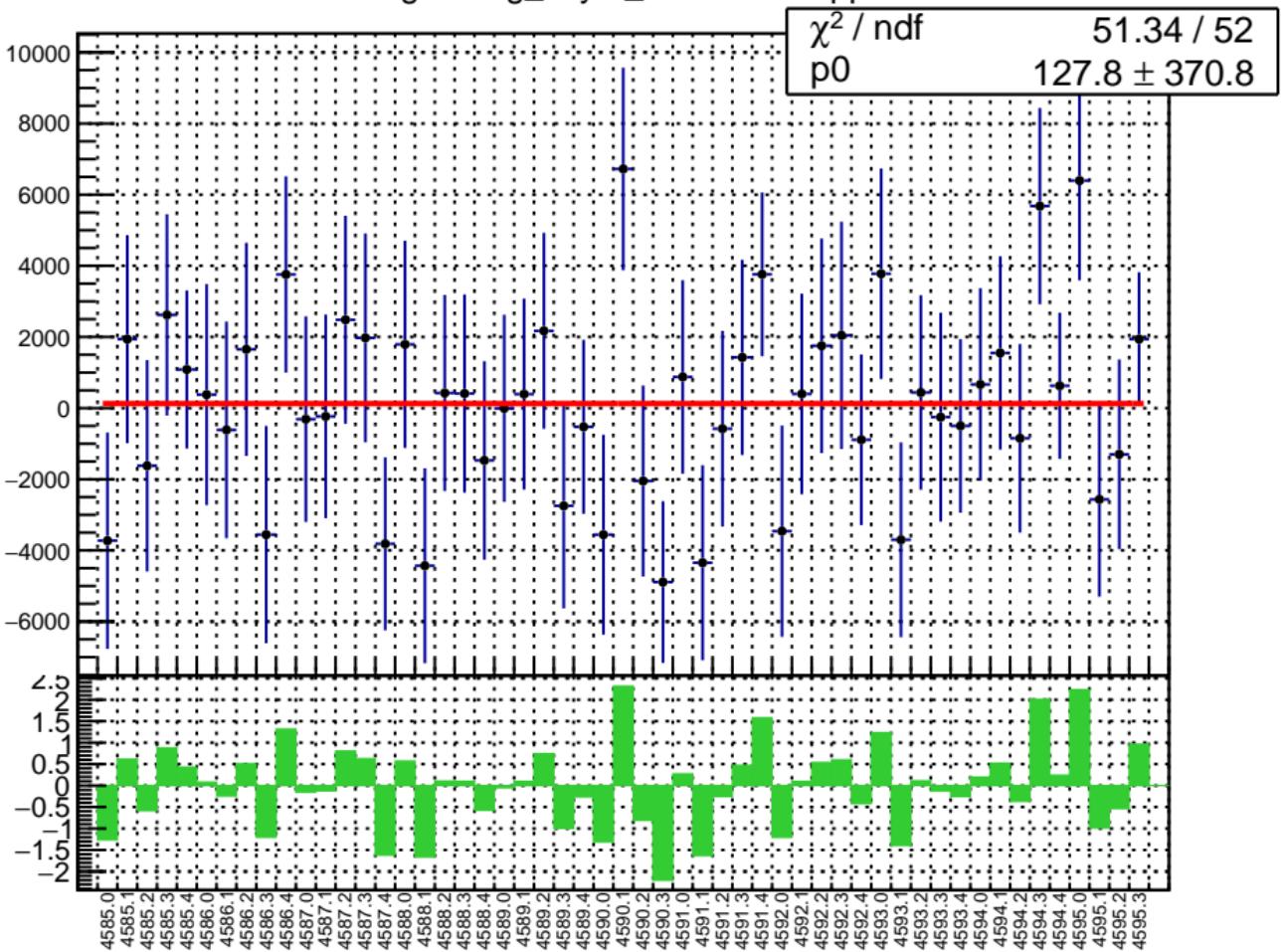


slug70: asym_bcm_an_us.rms/ppm

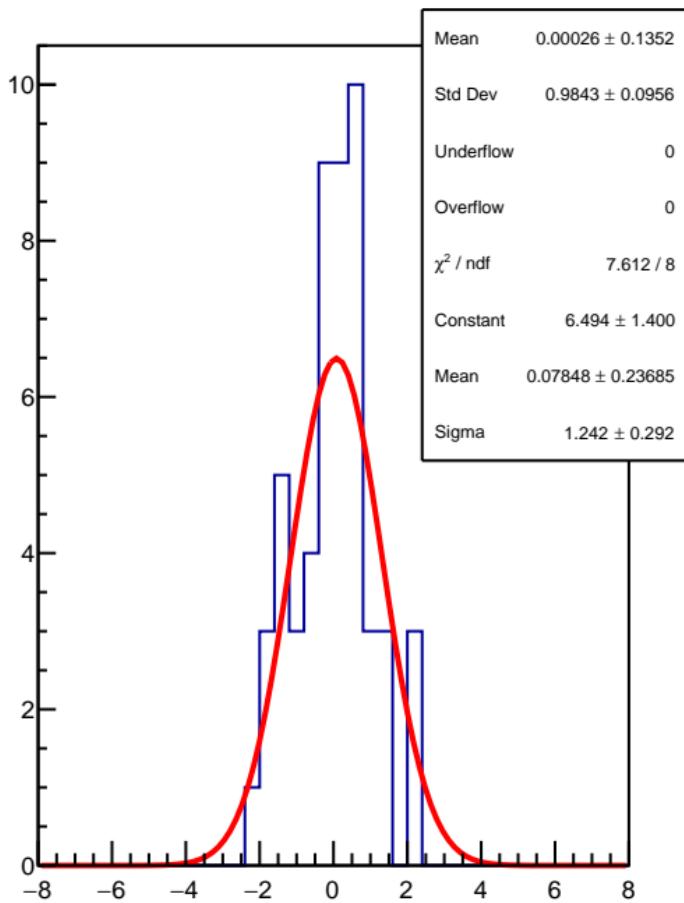
$\chi^2/\text{ndf} : 11.67/52$
 $p_0 : 156.32 \pm 1.72$



slug70: reg_asym_sam1.mean/ppb

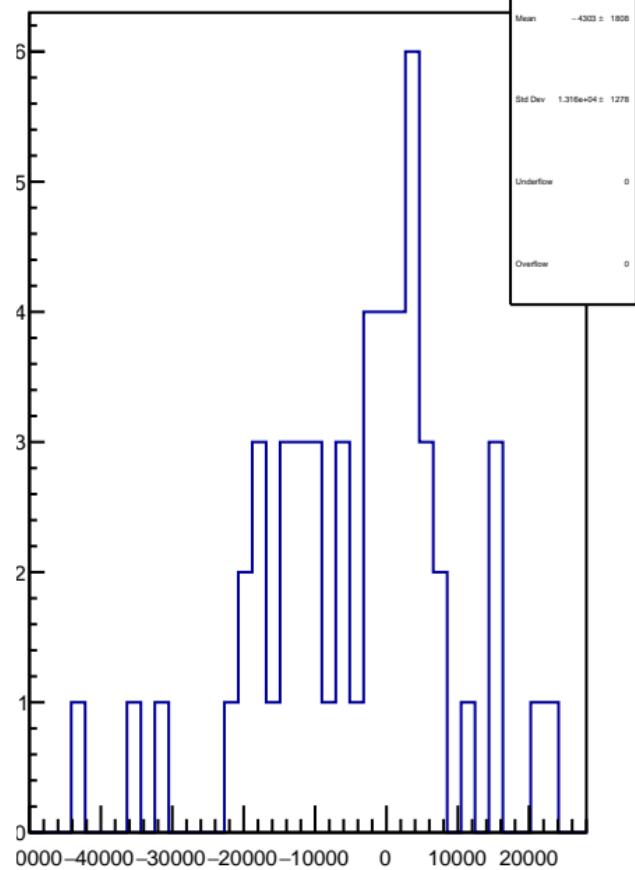
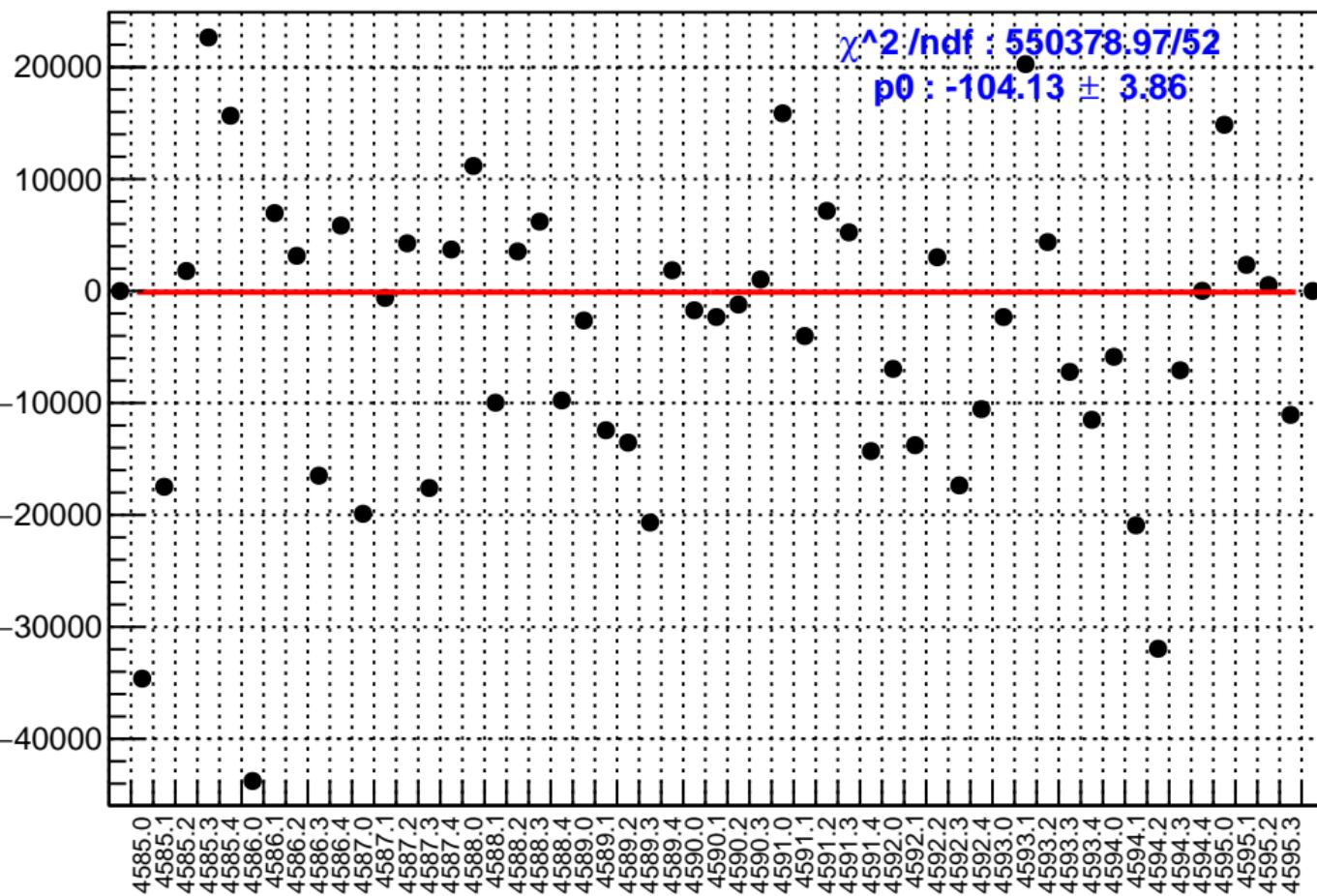


1D pull distribution

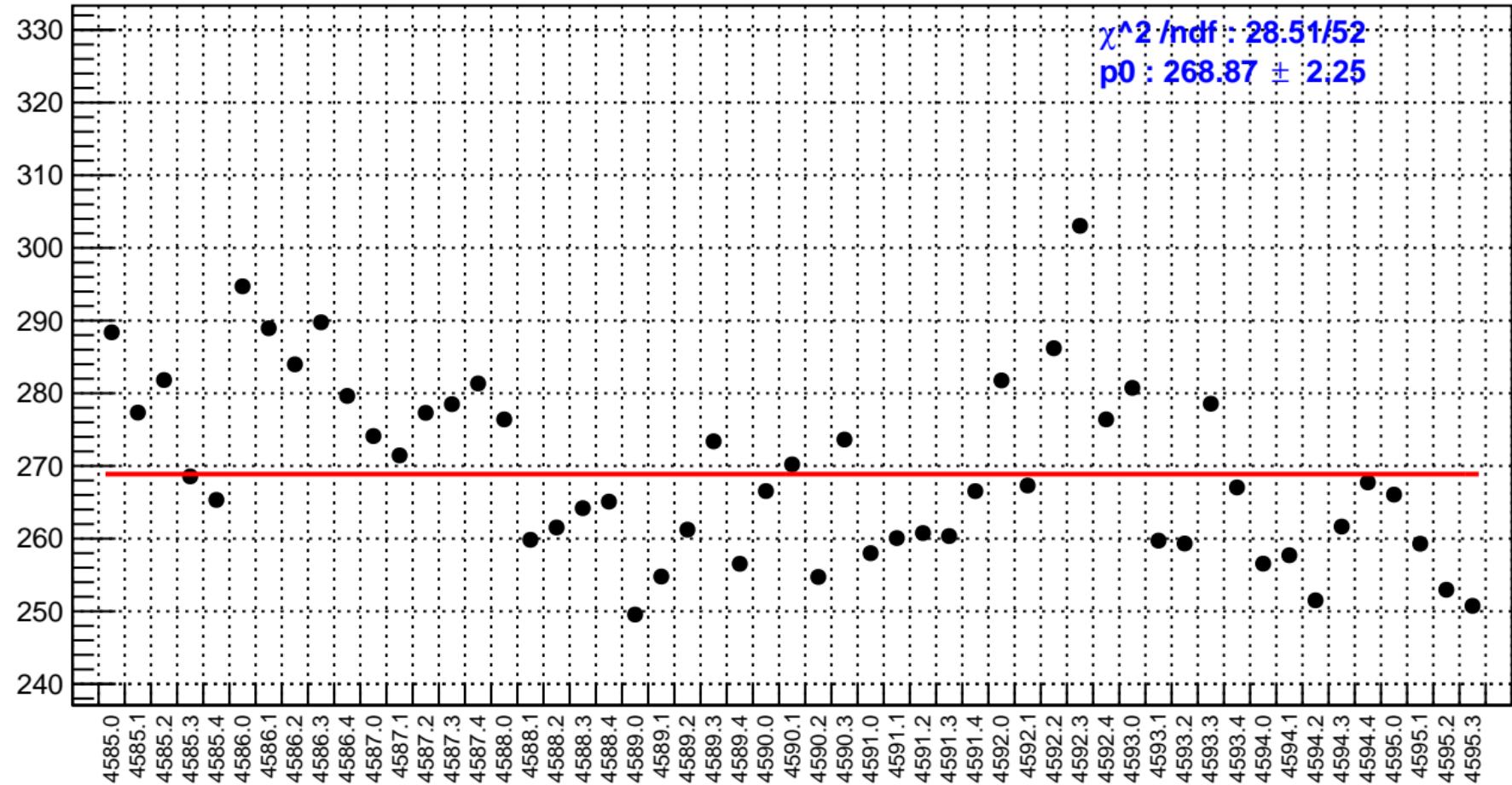


slug70: asym_sam1.mean/ppb-reg_asym_sam1.mean/ppb

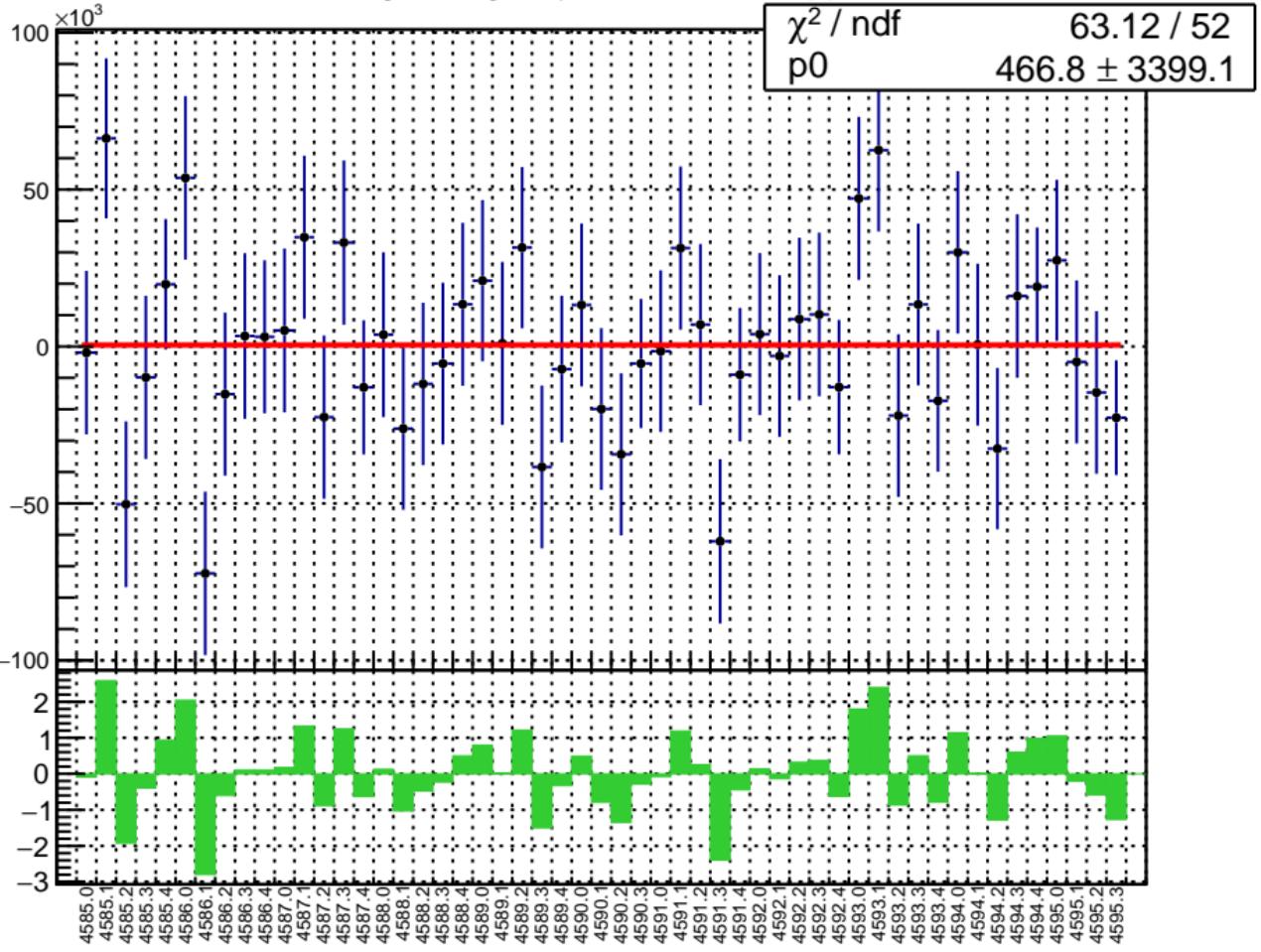
slug70: 1D Corr asym_sam1.mean/ppb-reg_asym_sam1.mean/ppb



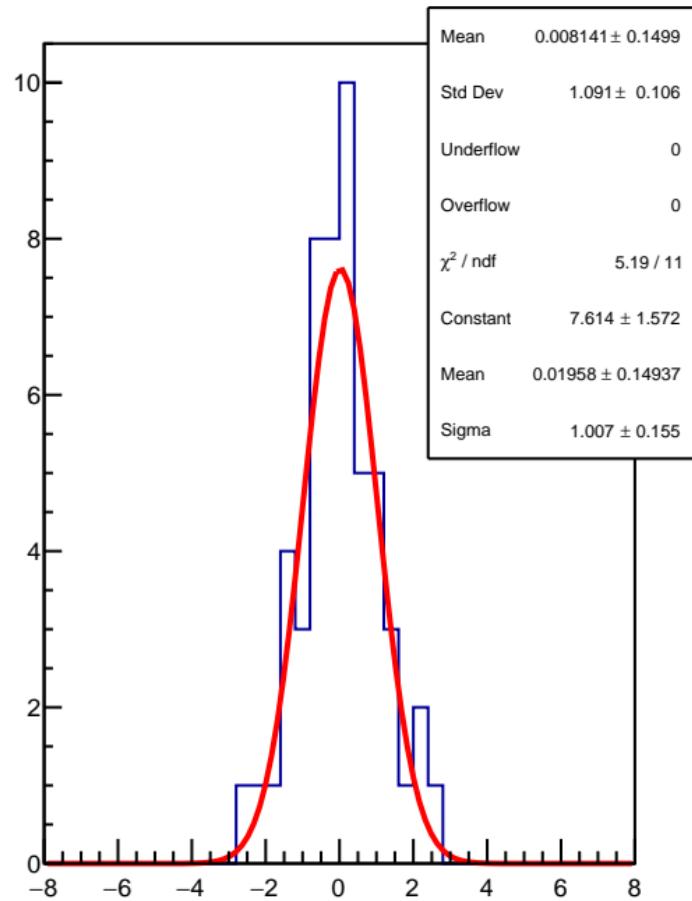
slug70: reg_asym_sam1.rms/ppm



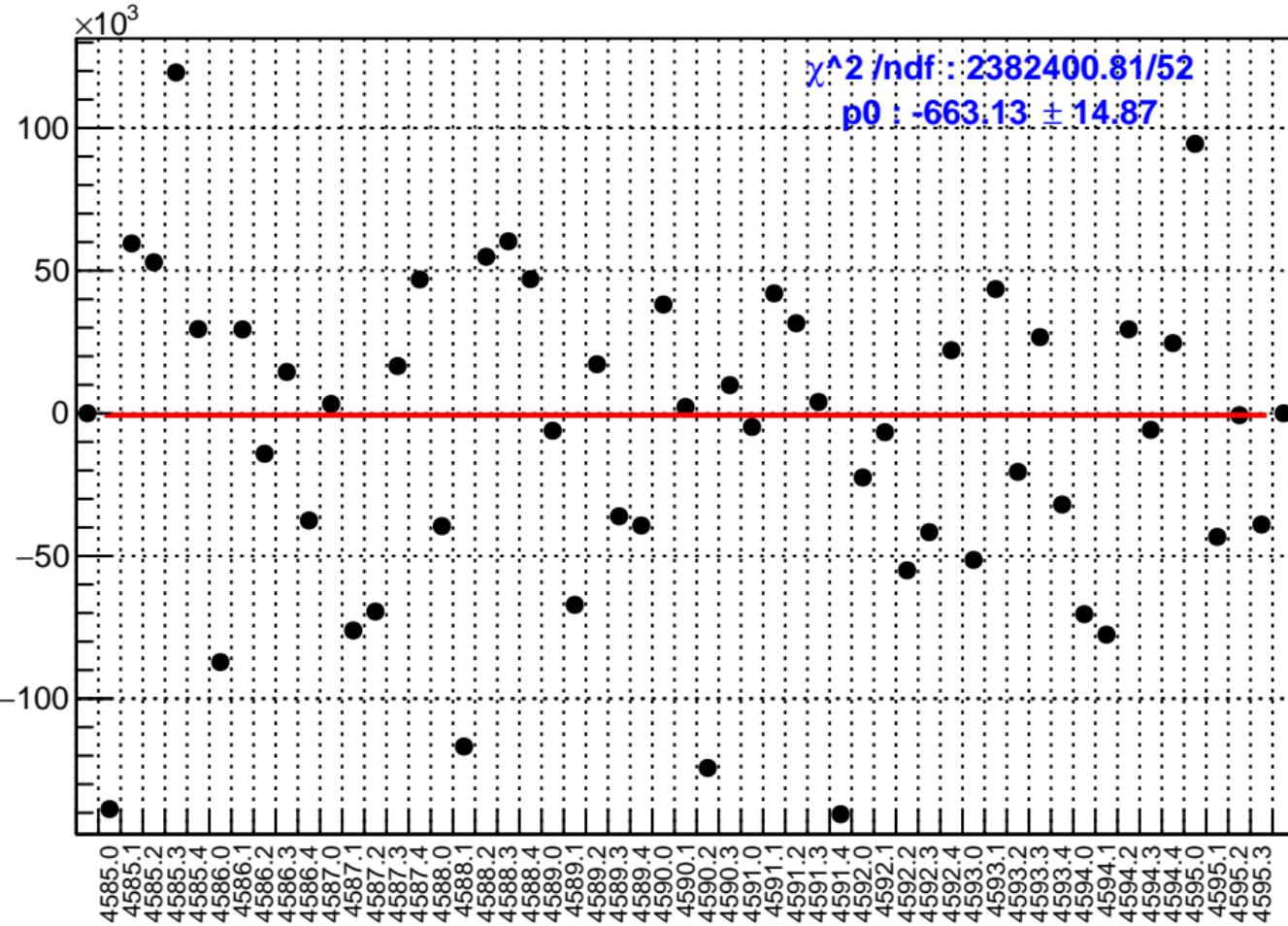
slug70: reg_asym_sam2.mean/ppb



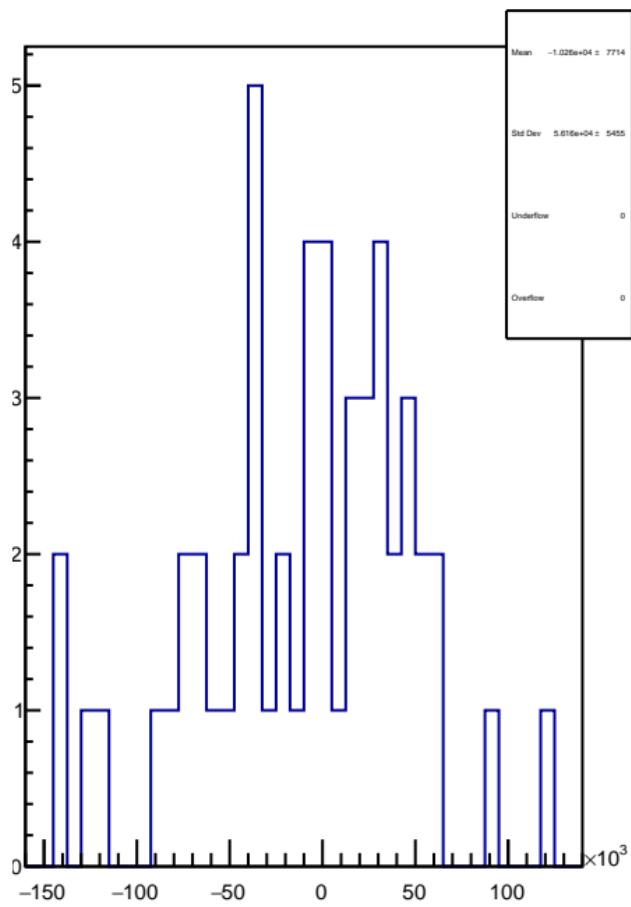
1D pull distribution



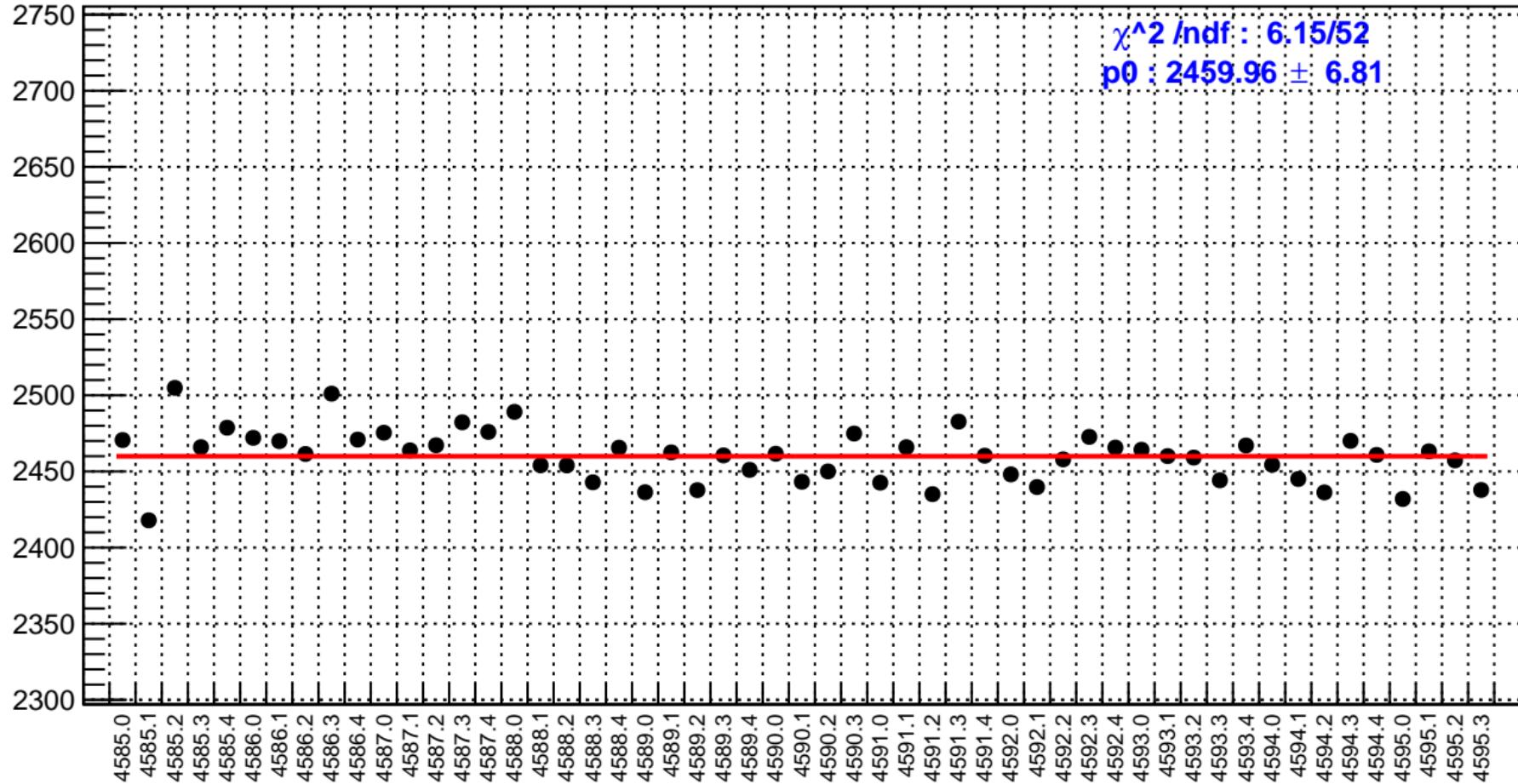
slug70: asym_sam2.mean/ppb-reg_asym_sam2.mean/ppb



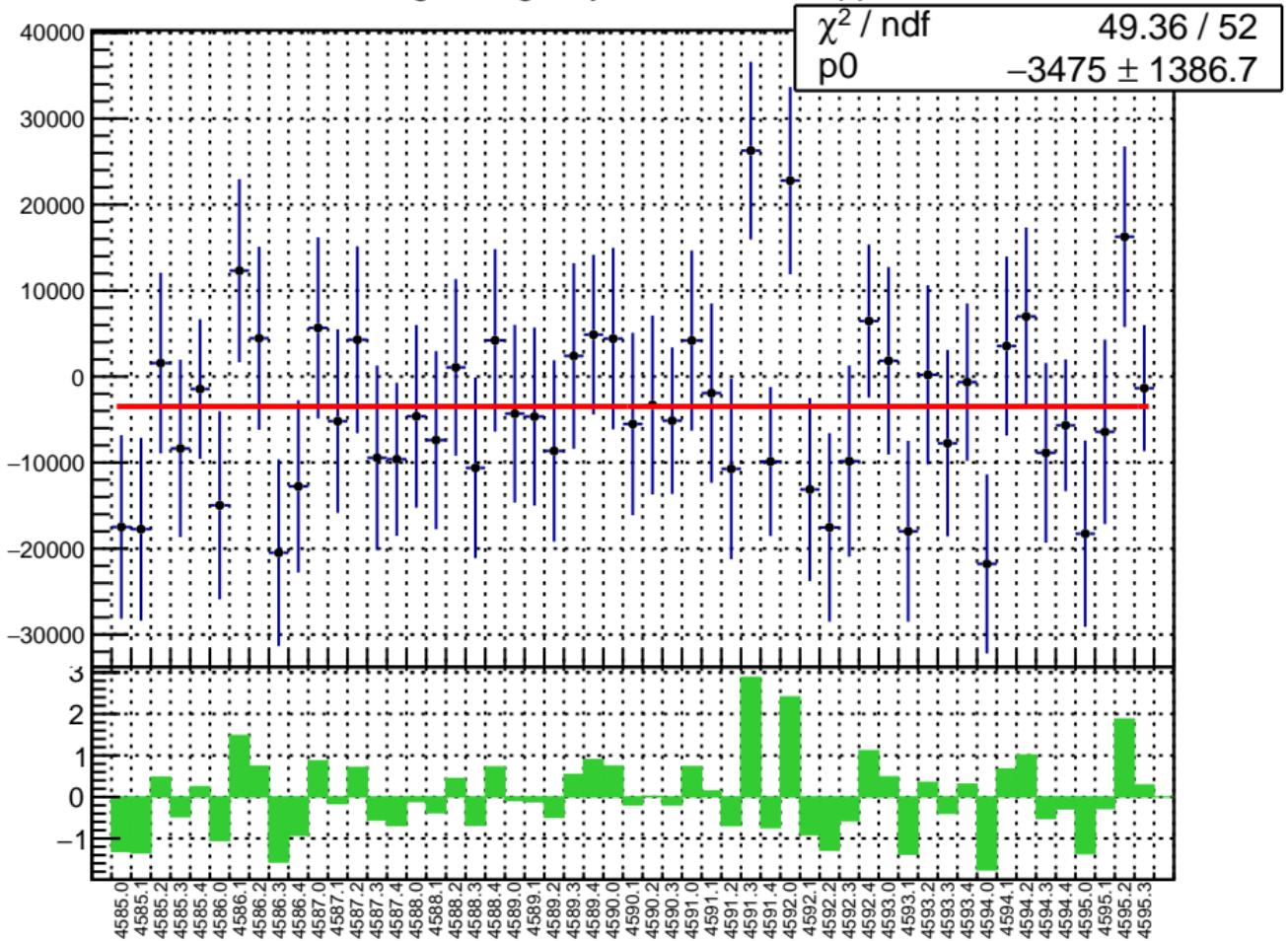
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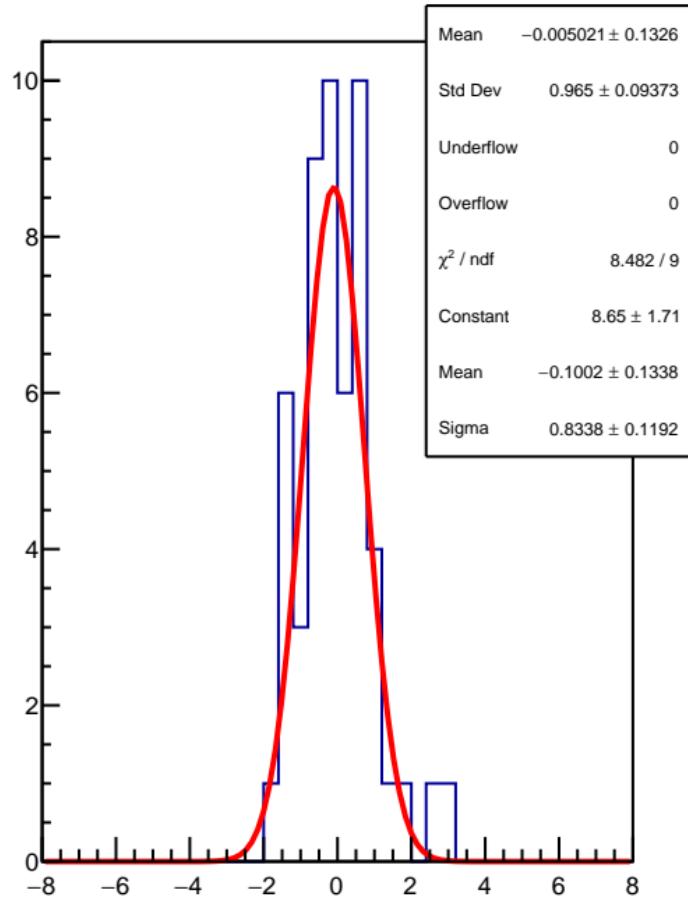
slug70: reg_asym_sam2.rms/ppm



slug70: reg_asym_sam3.mean/ppb

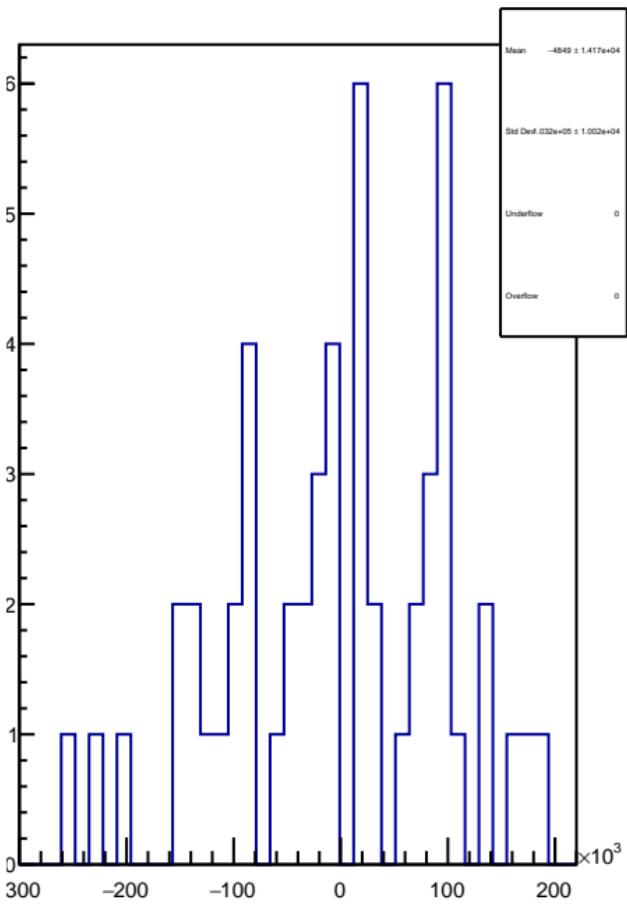
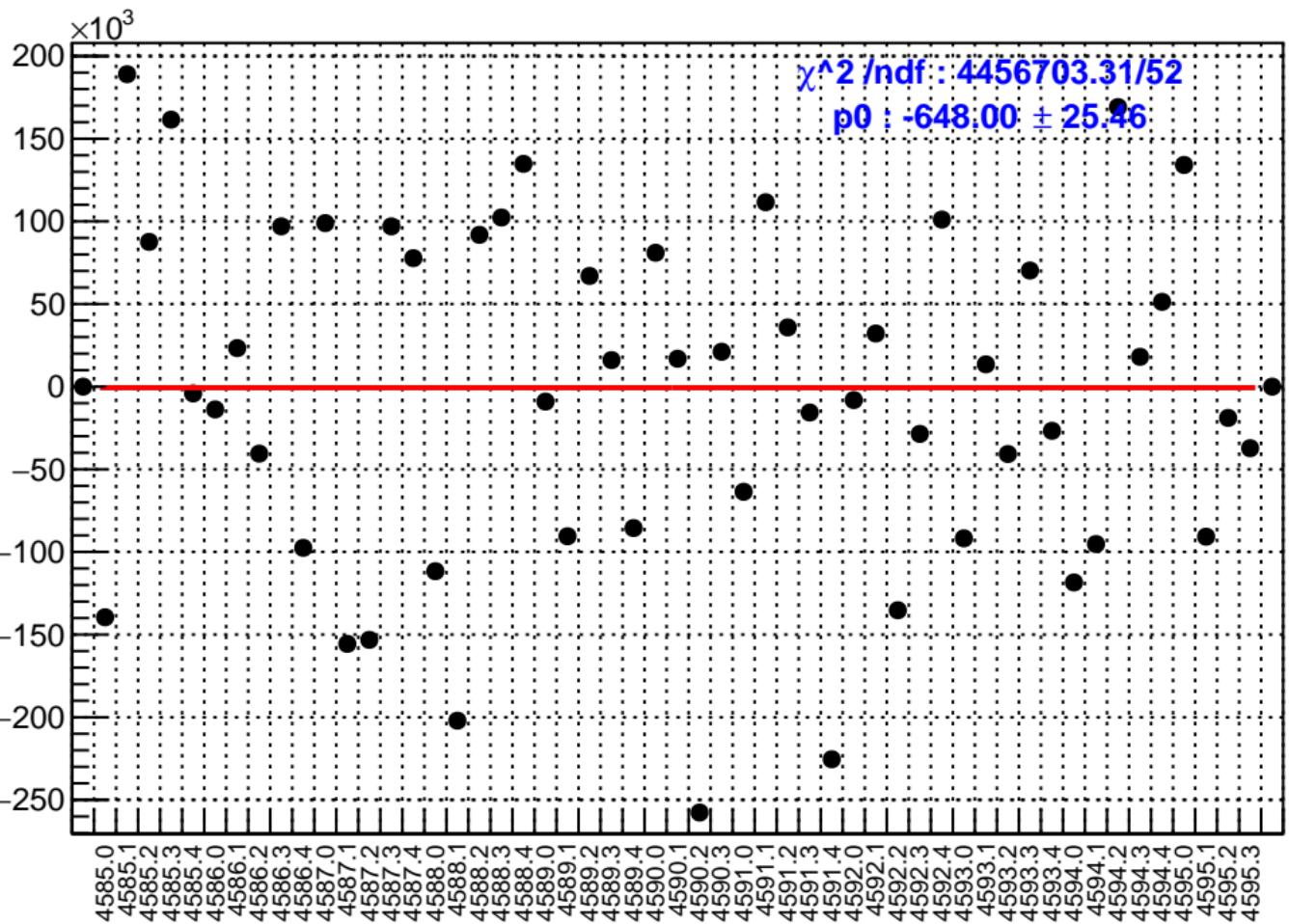


1D pull distribution

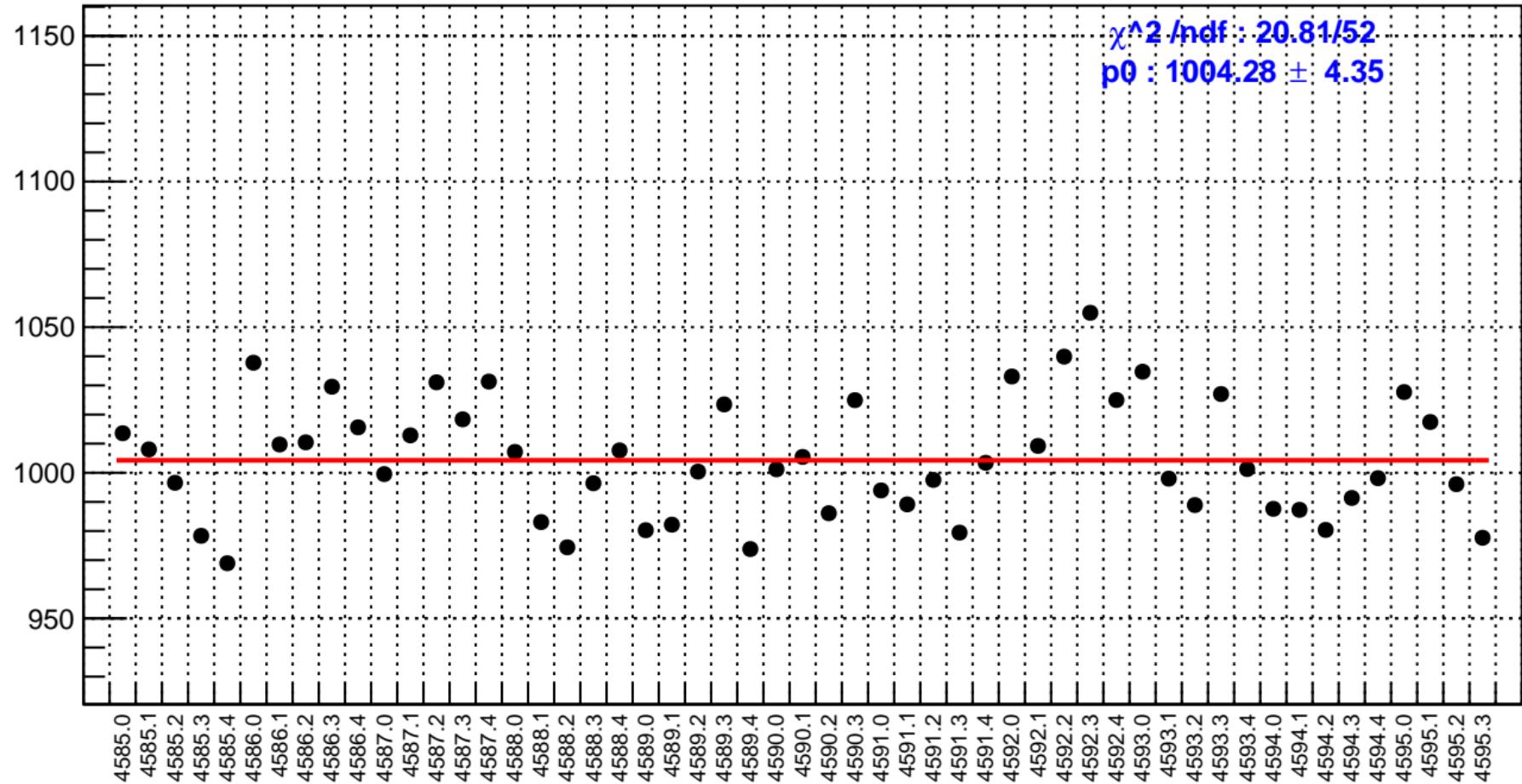


slug70: asym_sam3.mean/ppb-reg_asym_sam3.mean/ppb

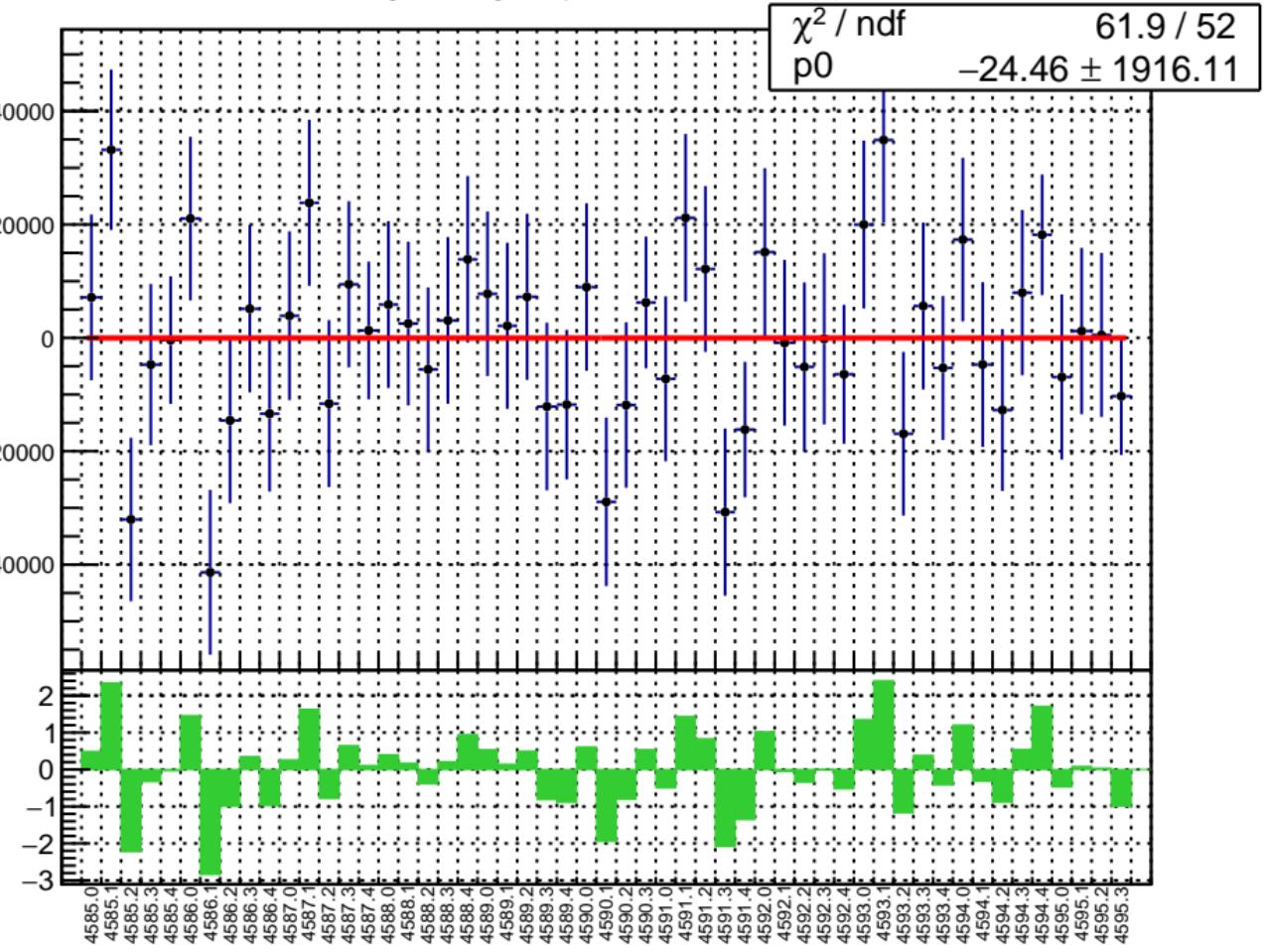
slug70: 1D Corr asym_sam3.mean/ppb-reg_asym_sam3.mean/ppb



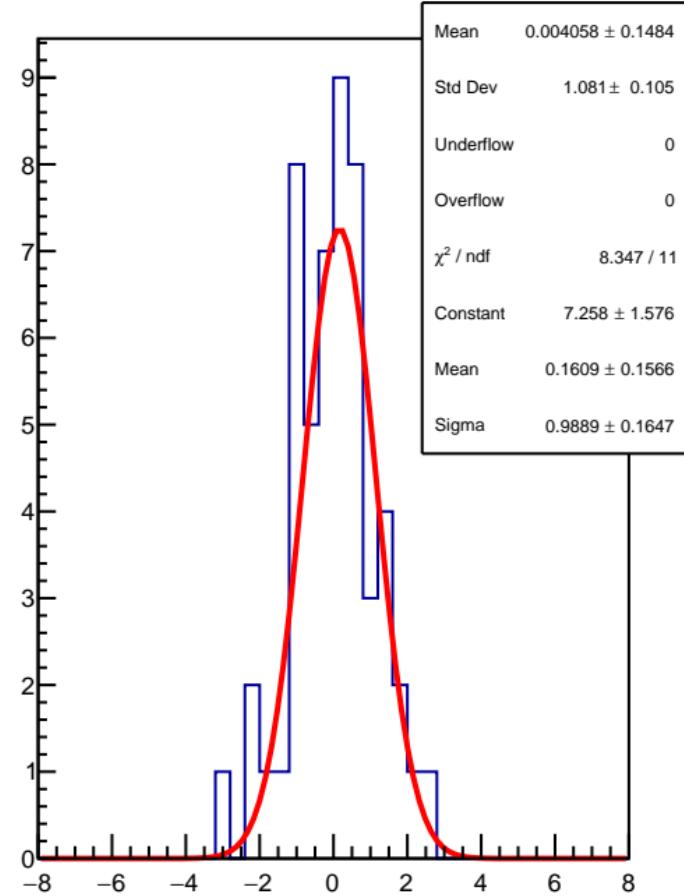
slug70: reg_asym_sam3.rms/ppm



slug70: reg_asym_sam4.mean/ppb

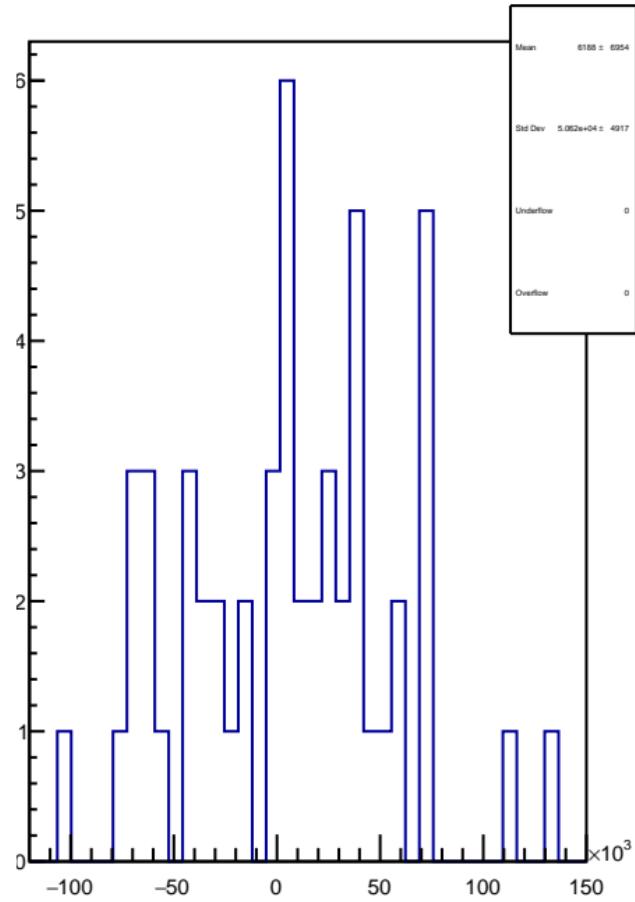
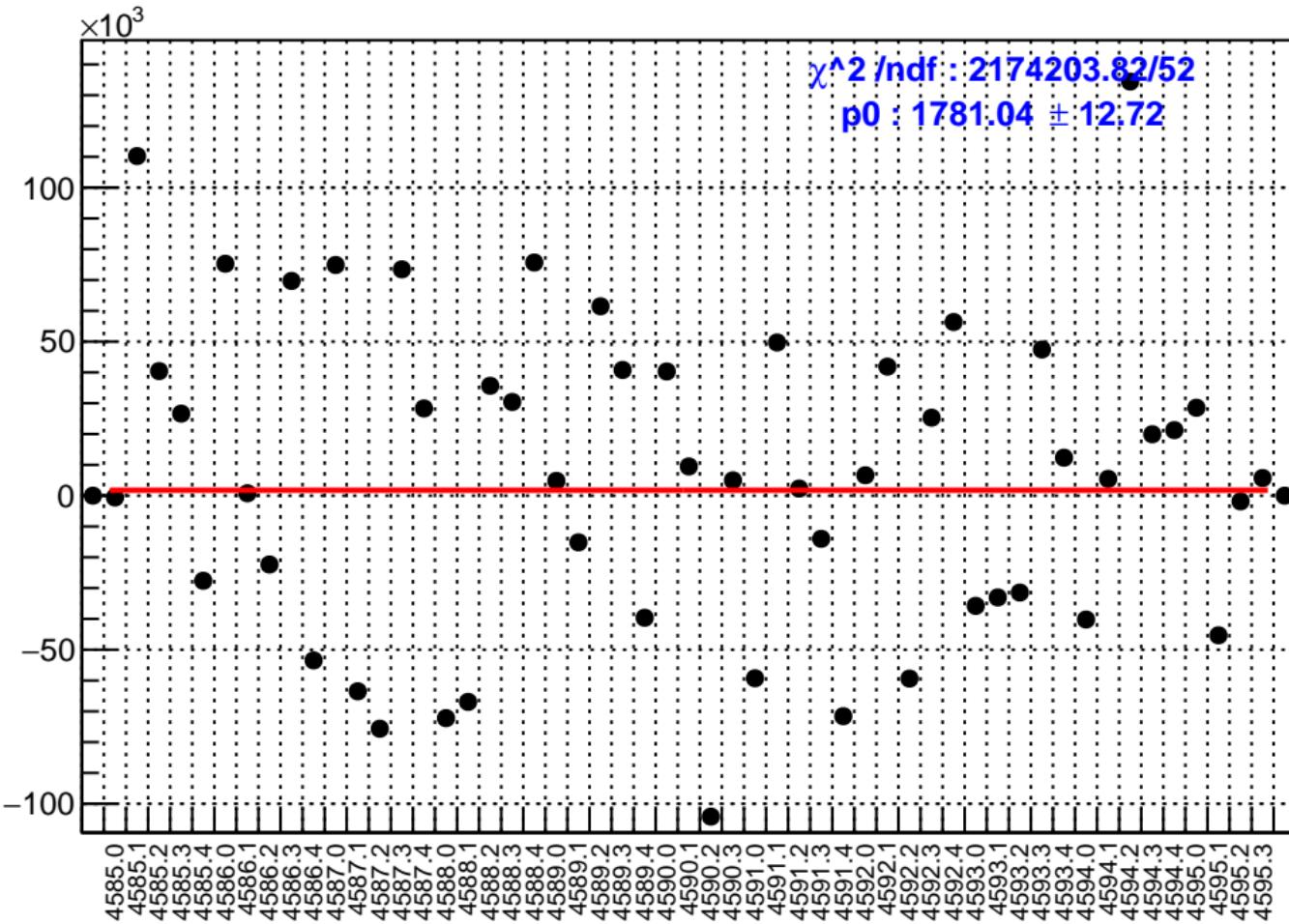


1D pull distribution

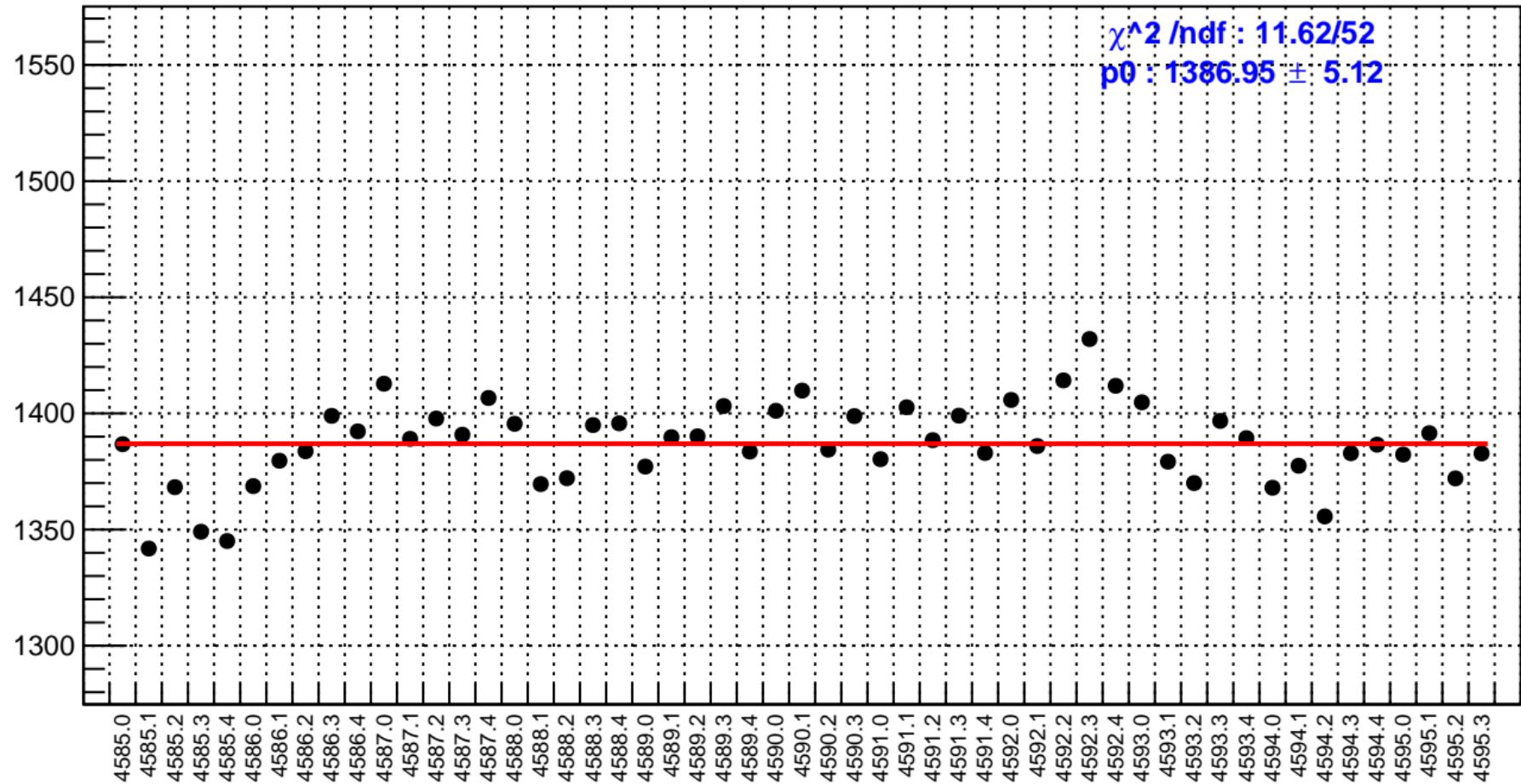


slug70: asym_sam4.mean/ppb-reg_asym_sam4.mean/ppb

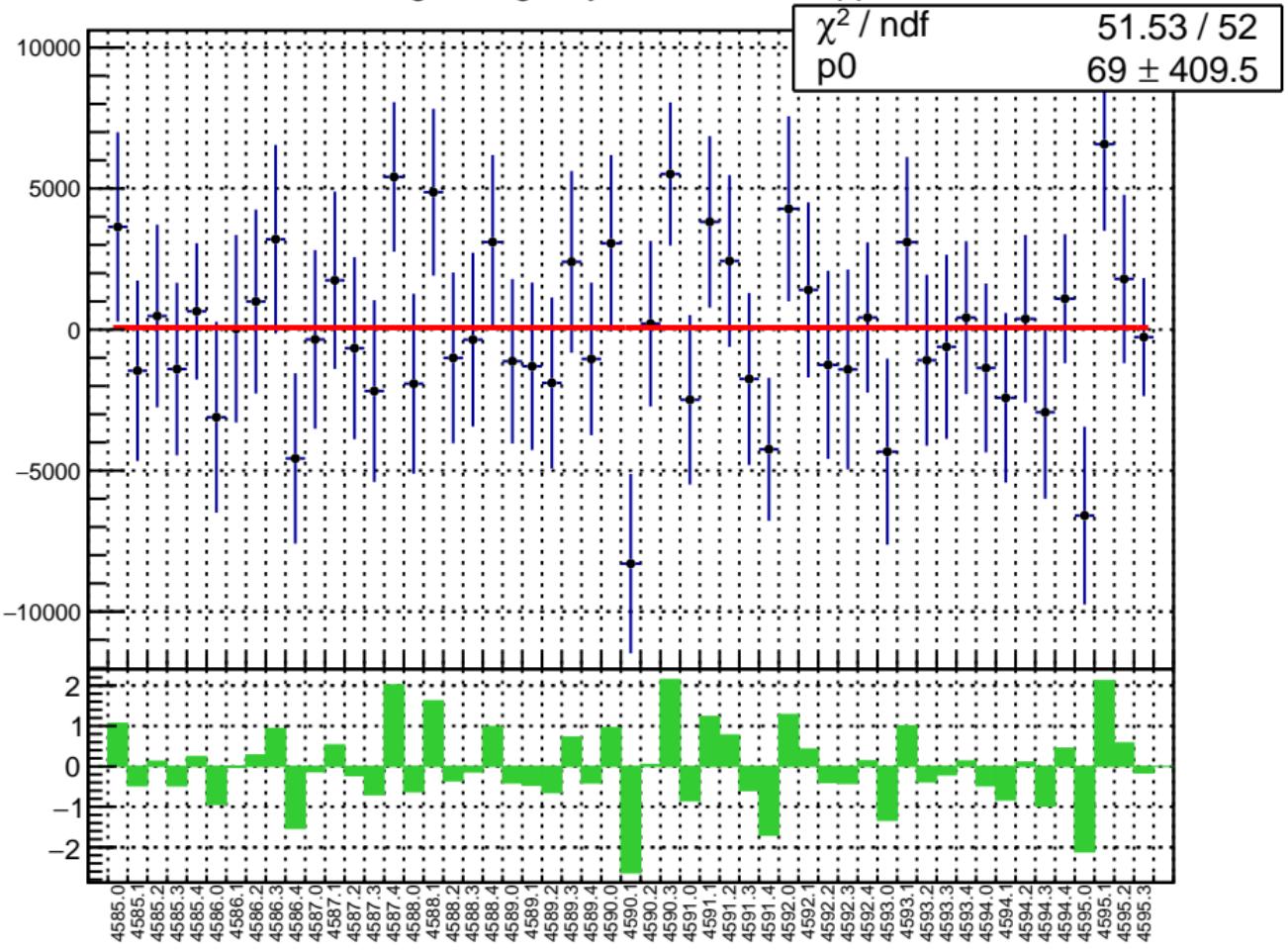
slug70: 1D Corr asym_sam4.mean/ppb-reg_asym_sam4.mean/ppb



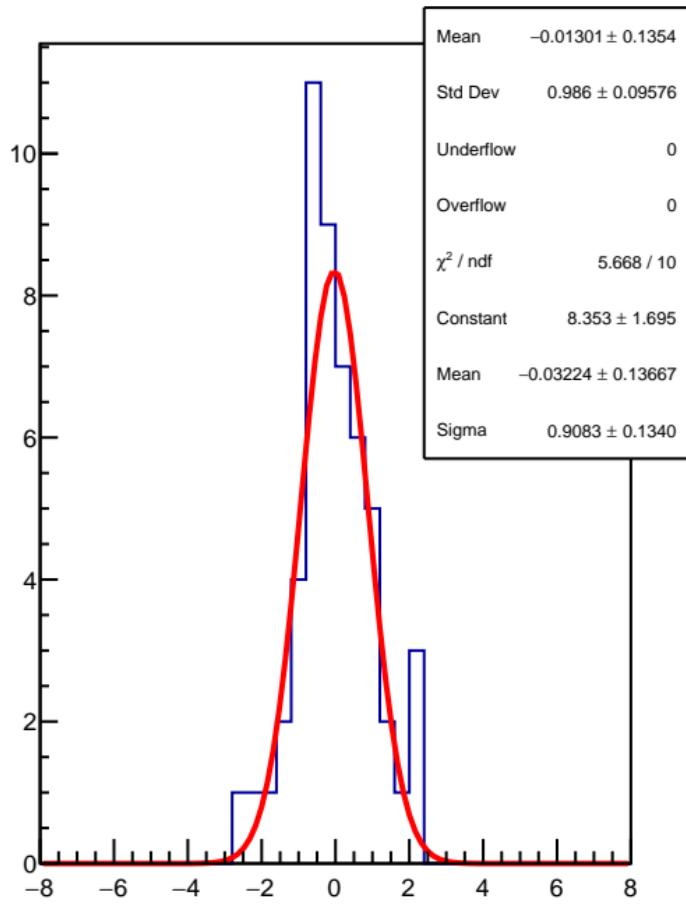
slug70: reg_asym_sam4.rms/ppm



slug70: reg_asym_sam5.mean/ppb

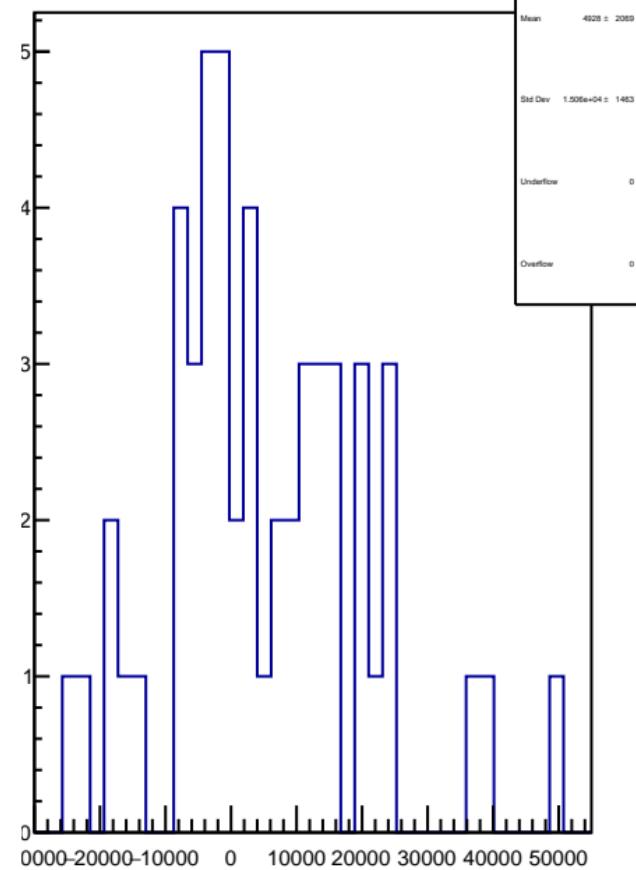
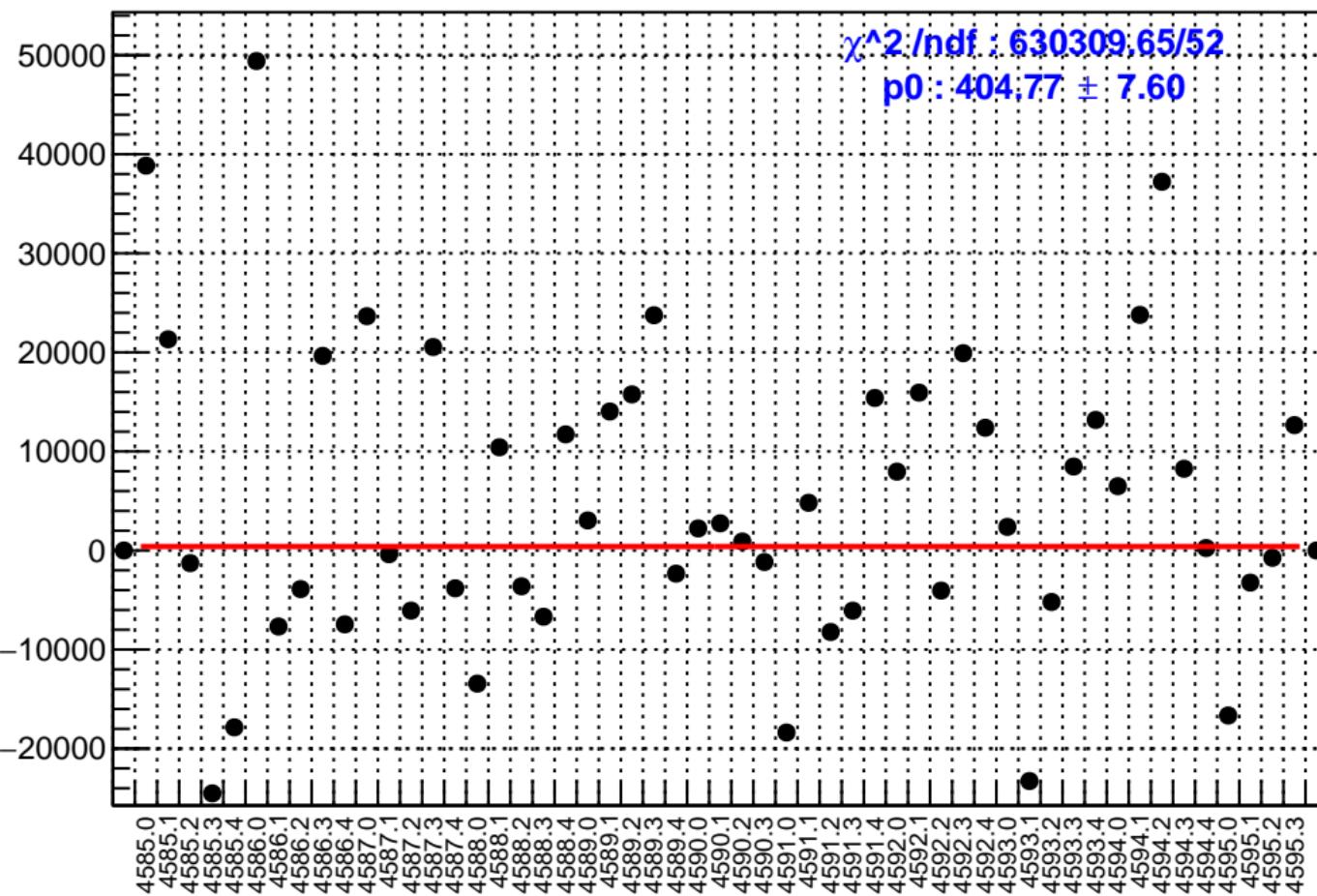


1D pull distribution

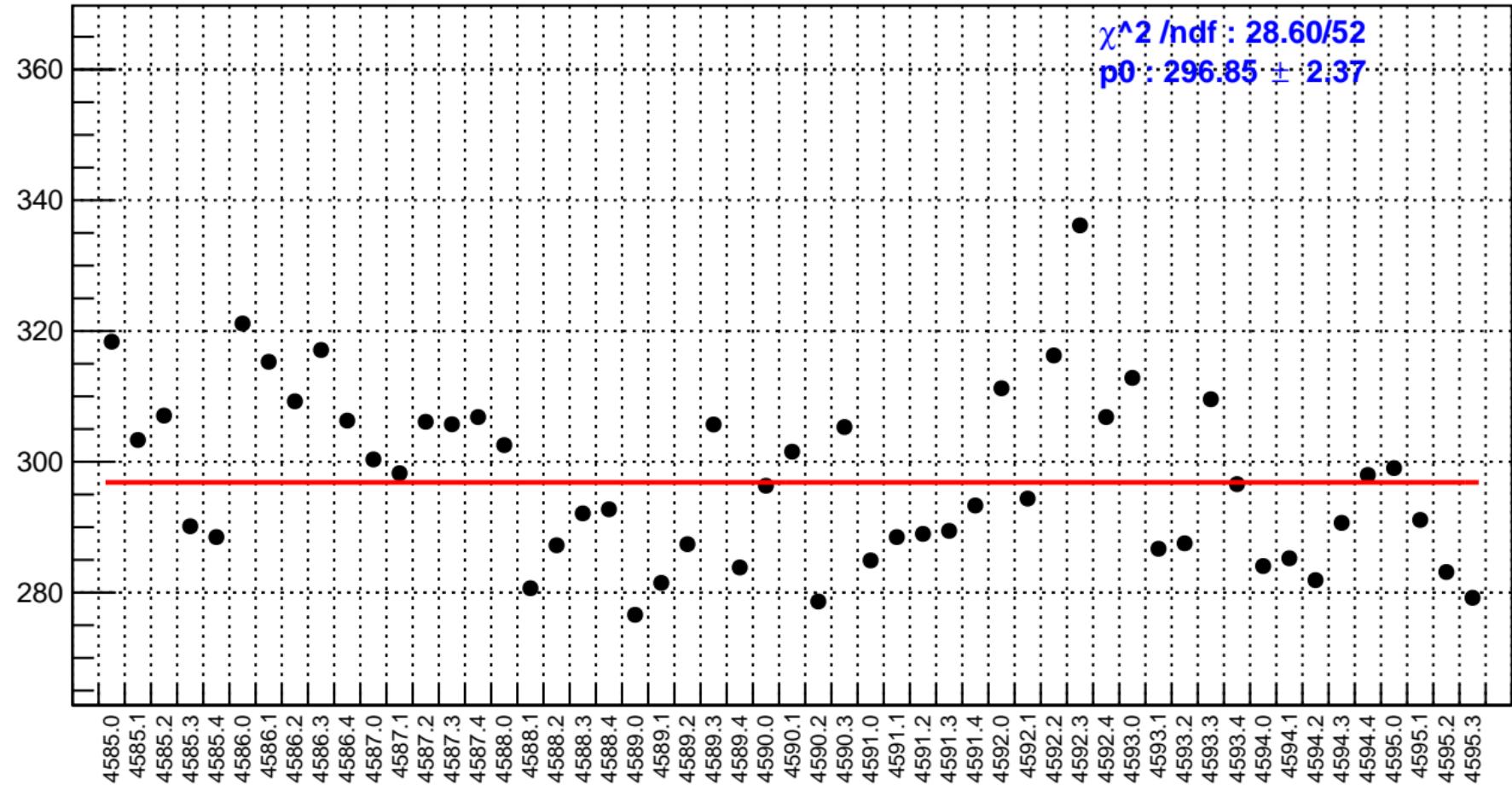


slug70: asym_sam5.mean/ppb-reg_asym_sam5.mean/ppb

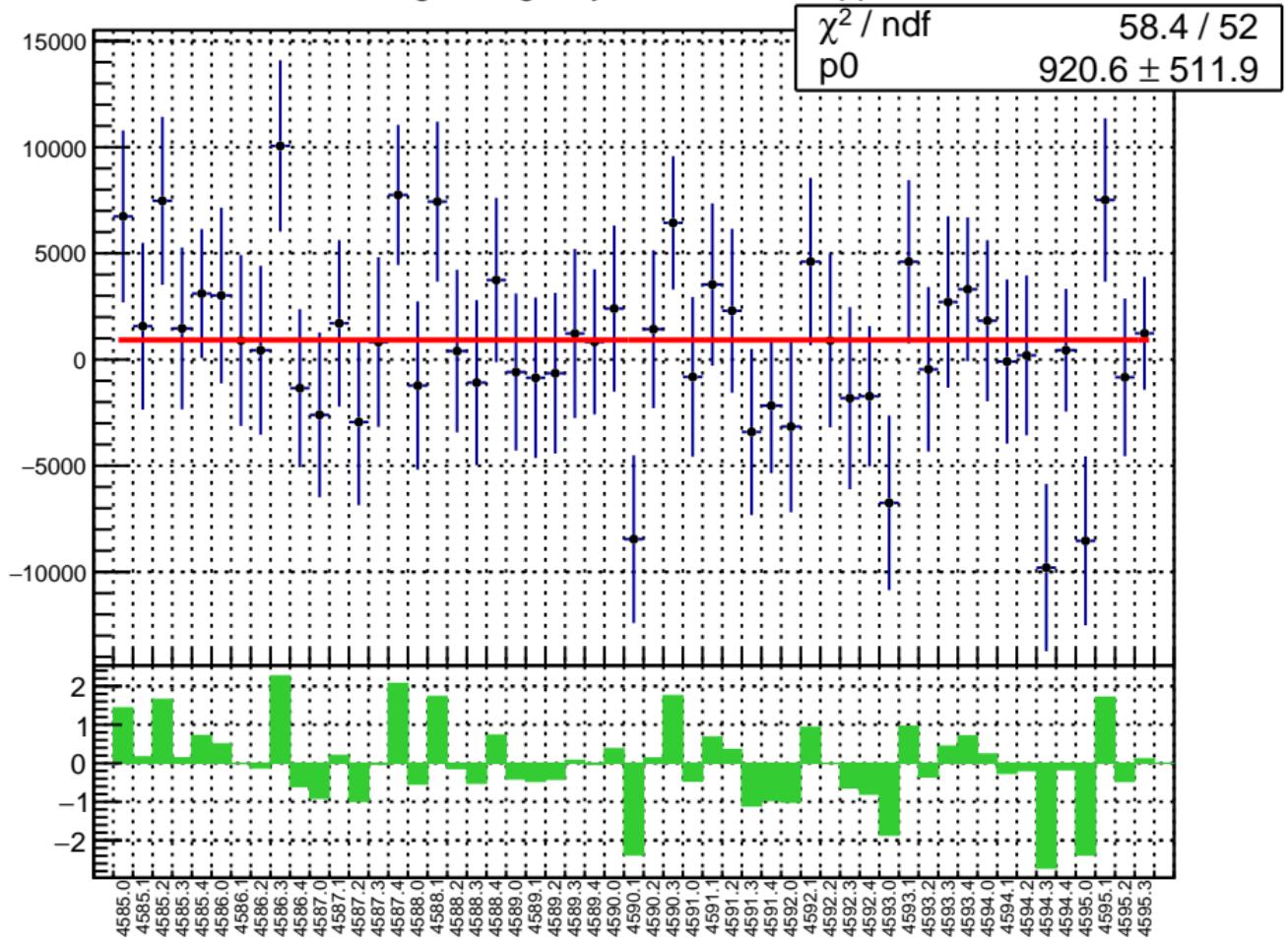
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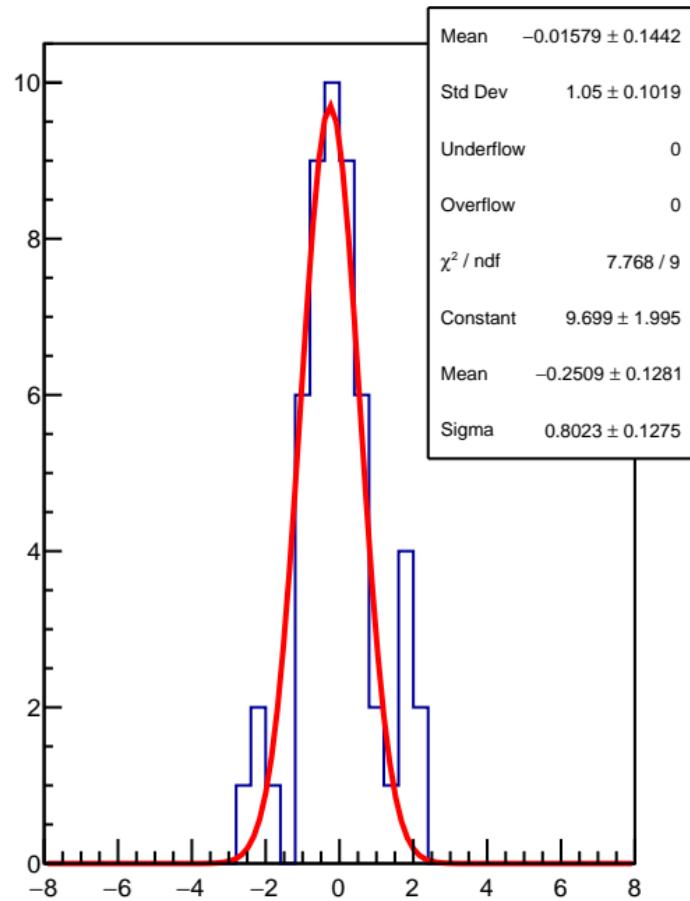
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slug70: reg_asym_sam6.mean/ppb

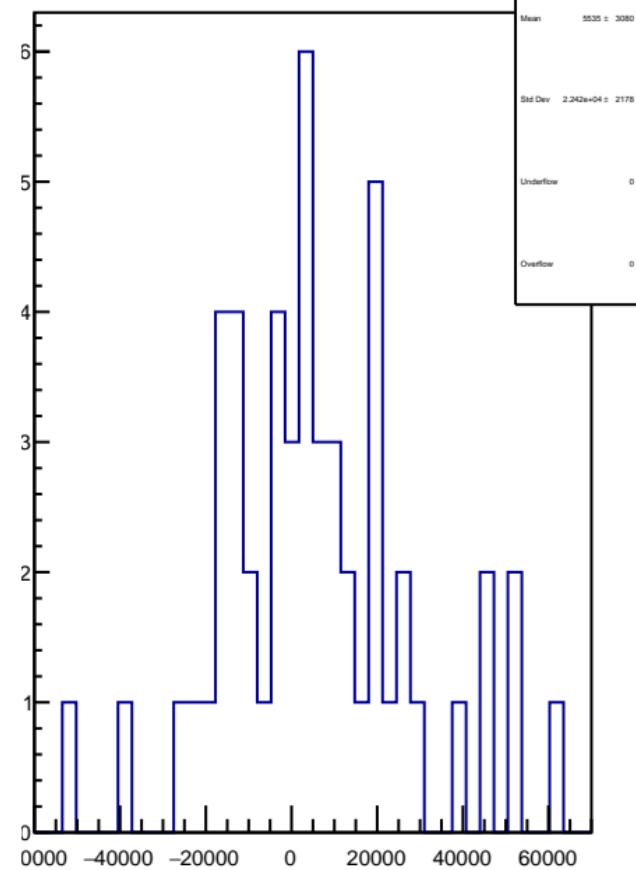
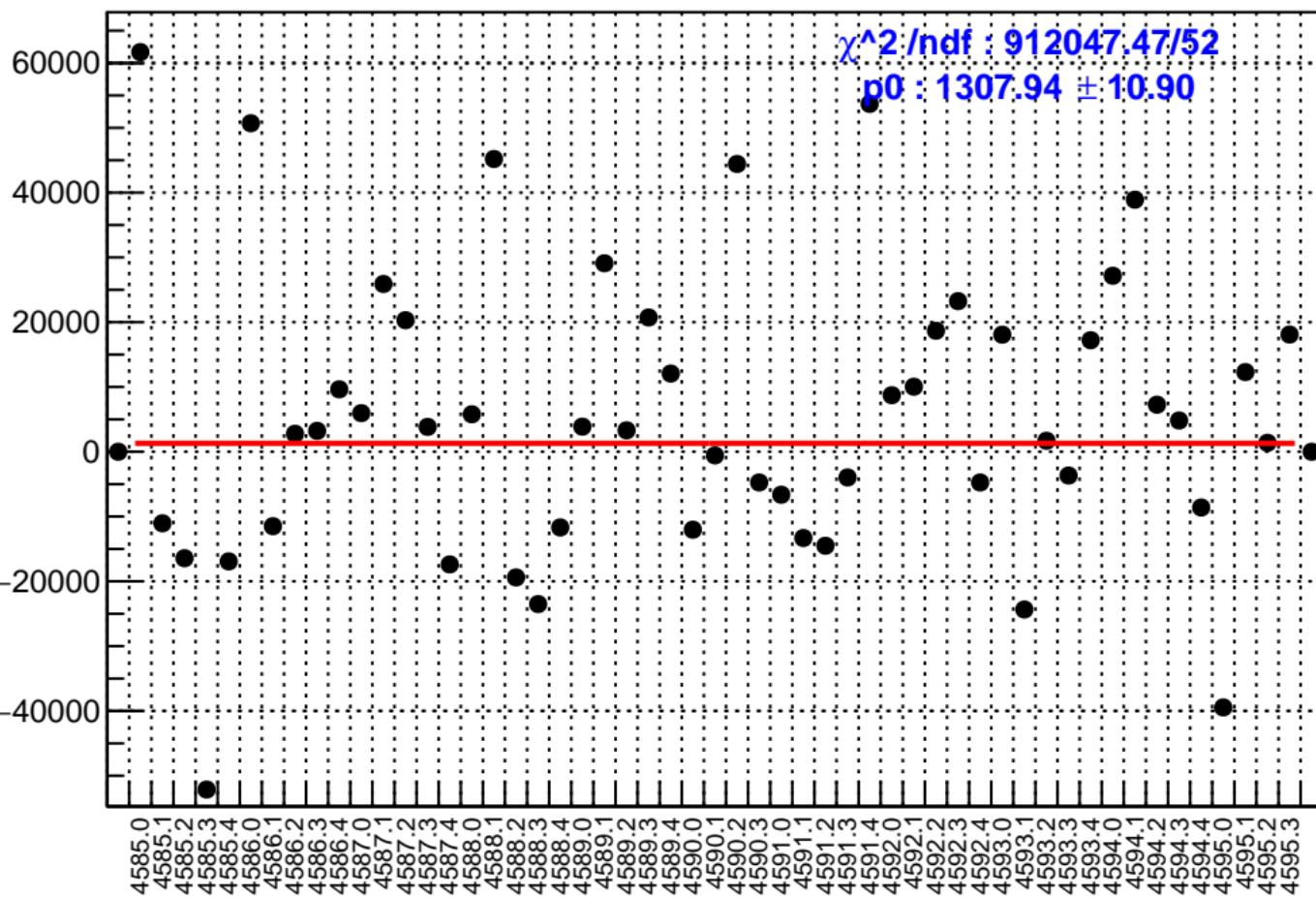


1D pull distribution

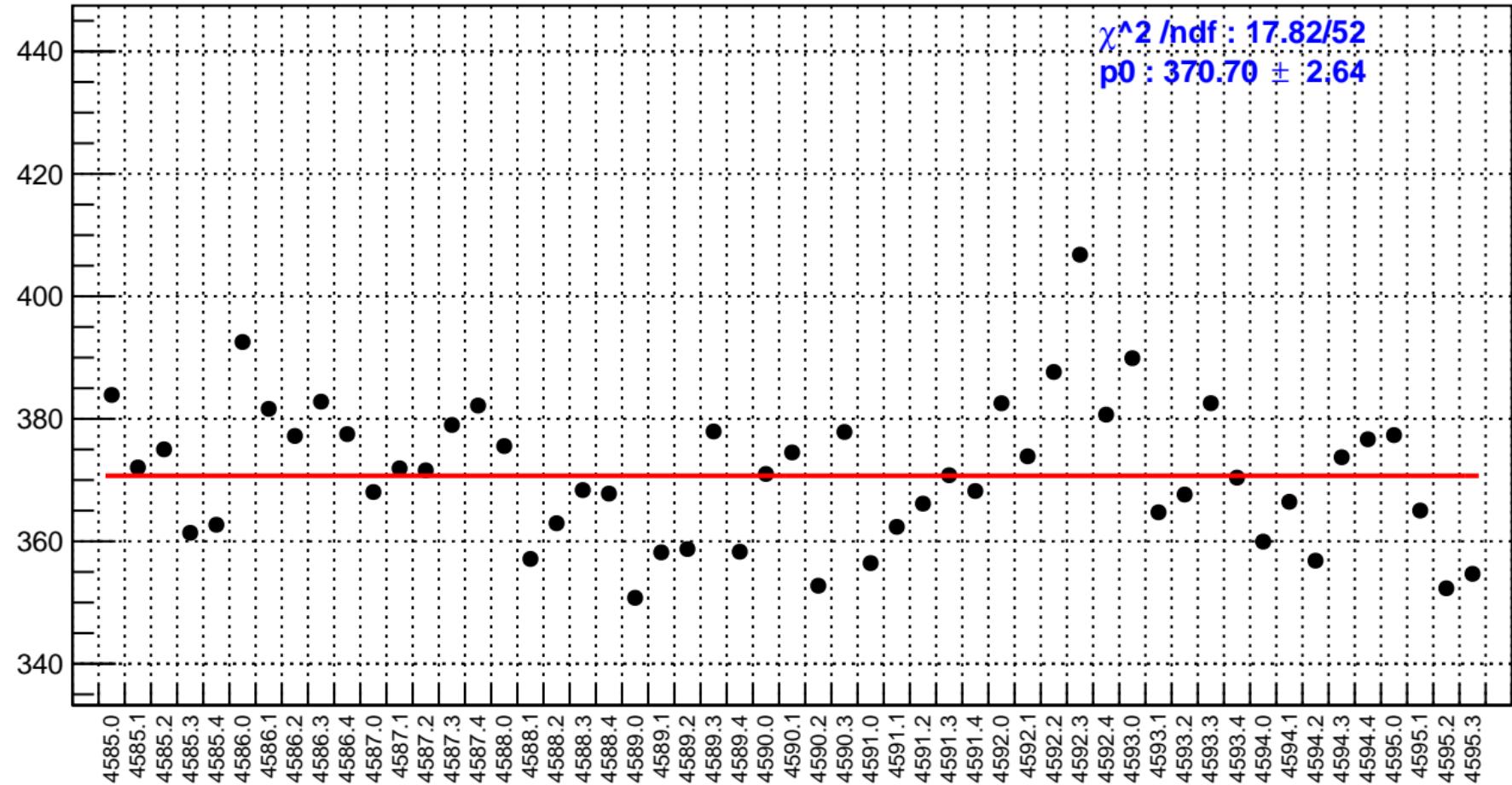


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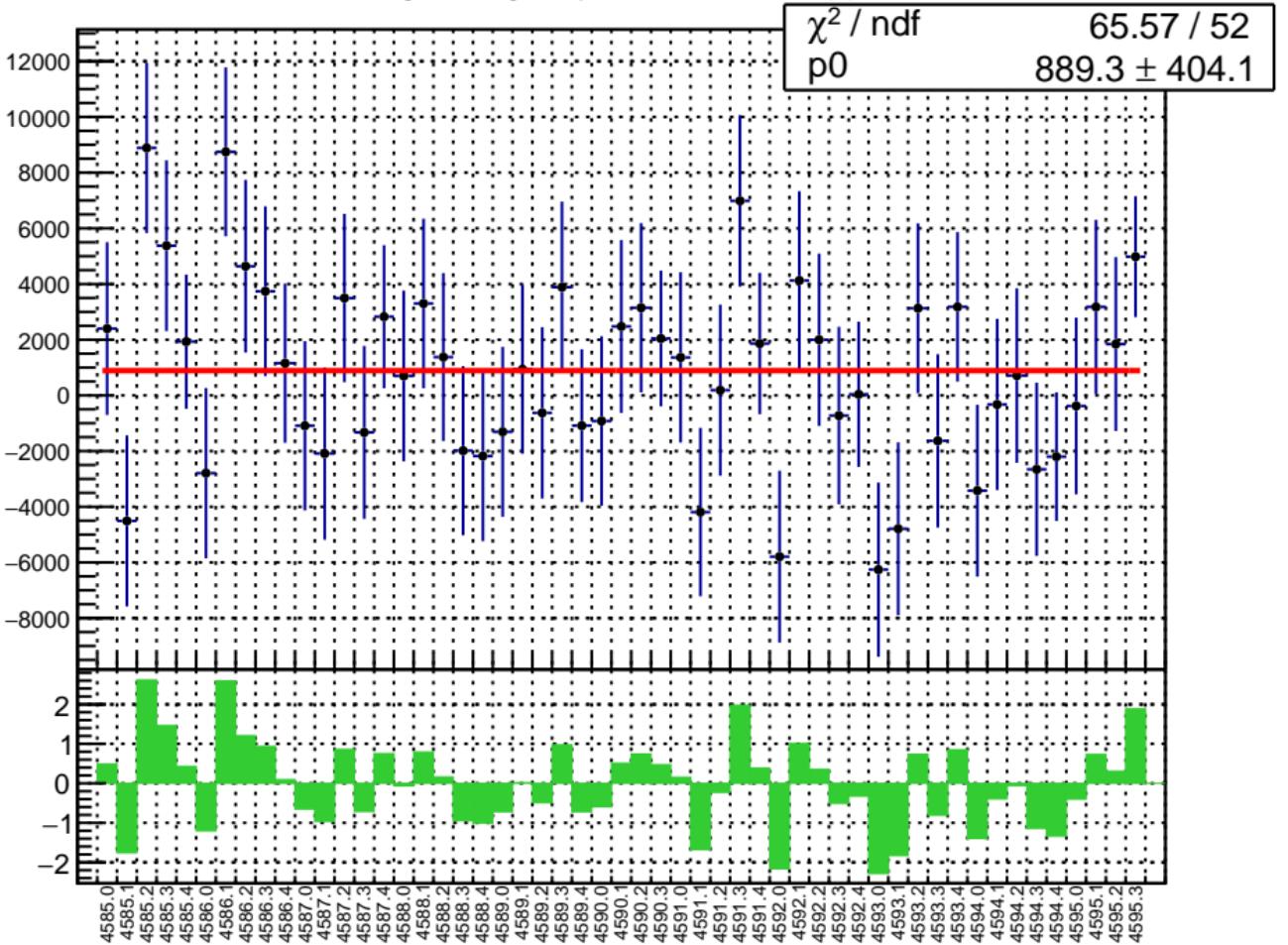
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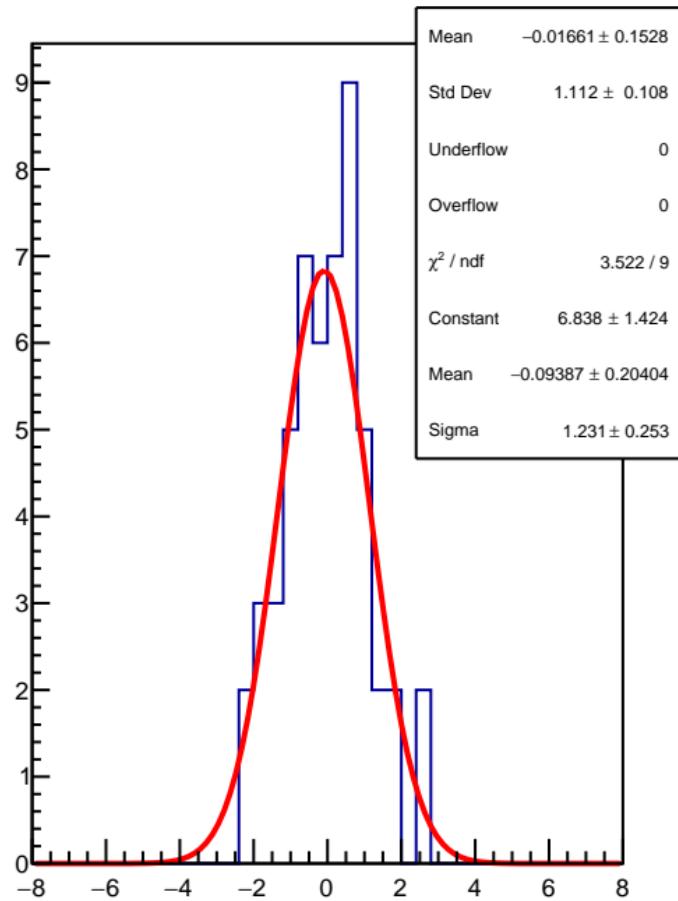
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slug70: reg_asym_sam7.mean/ppb

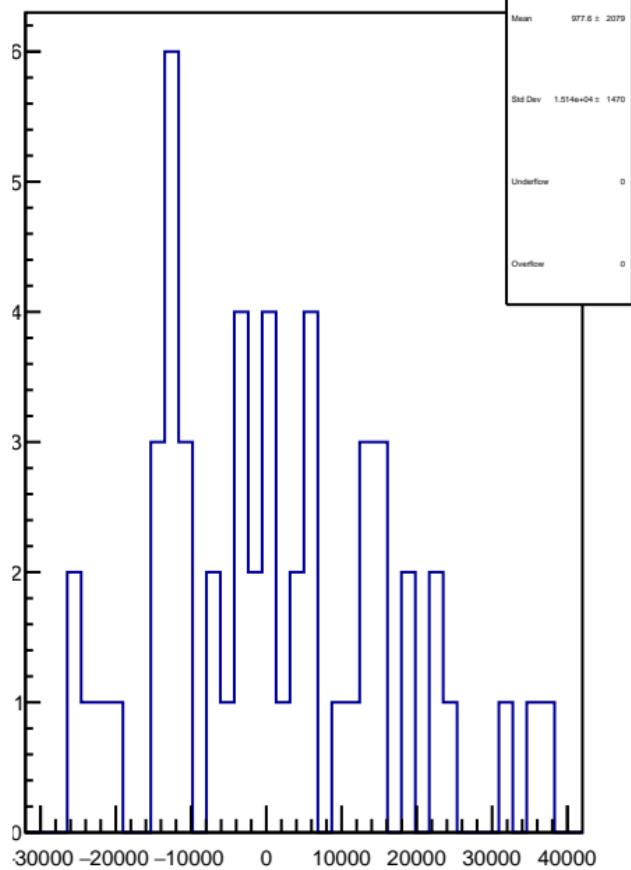
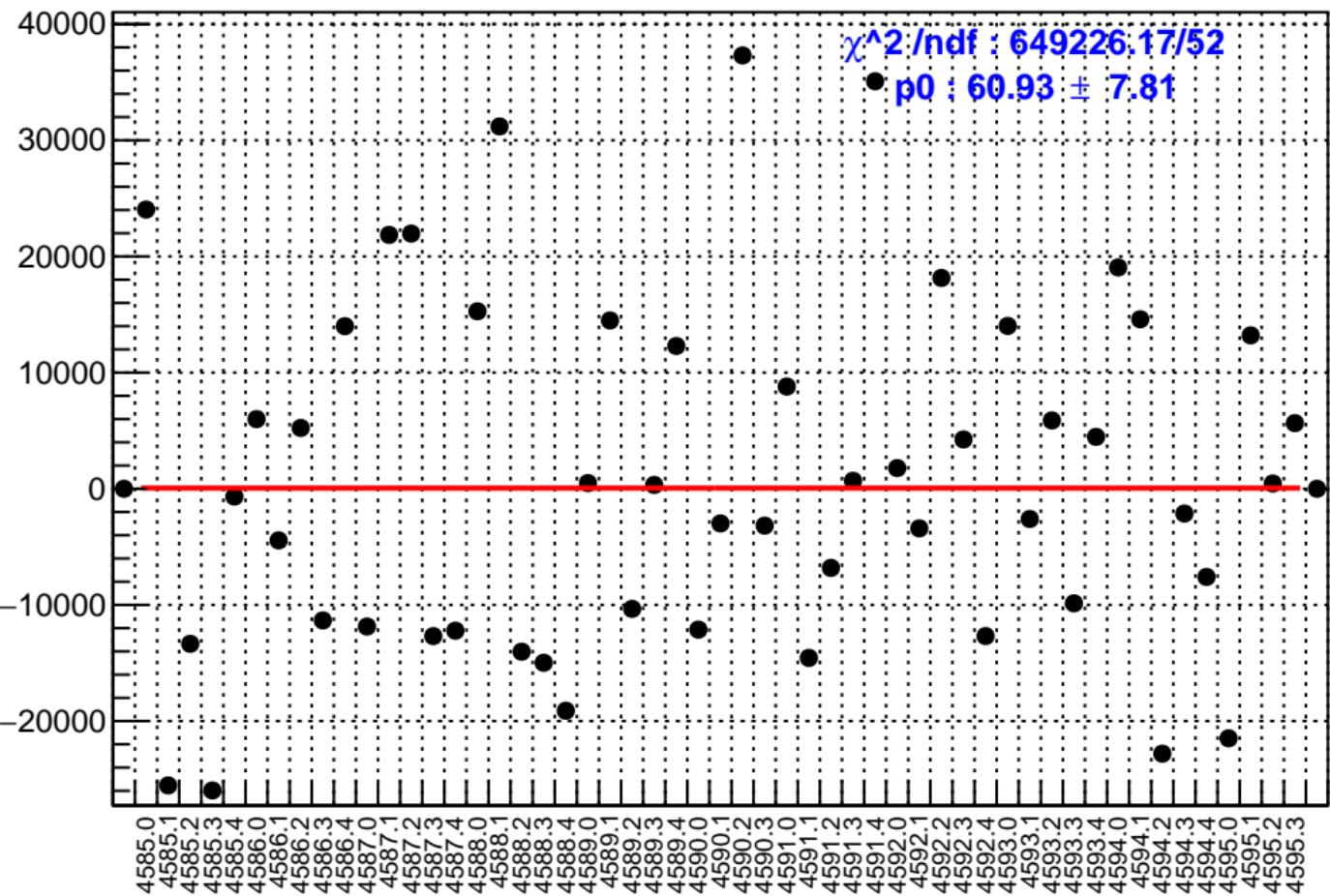


1D pull distribution

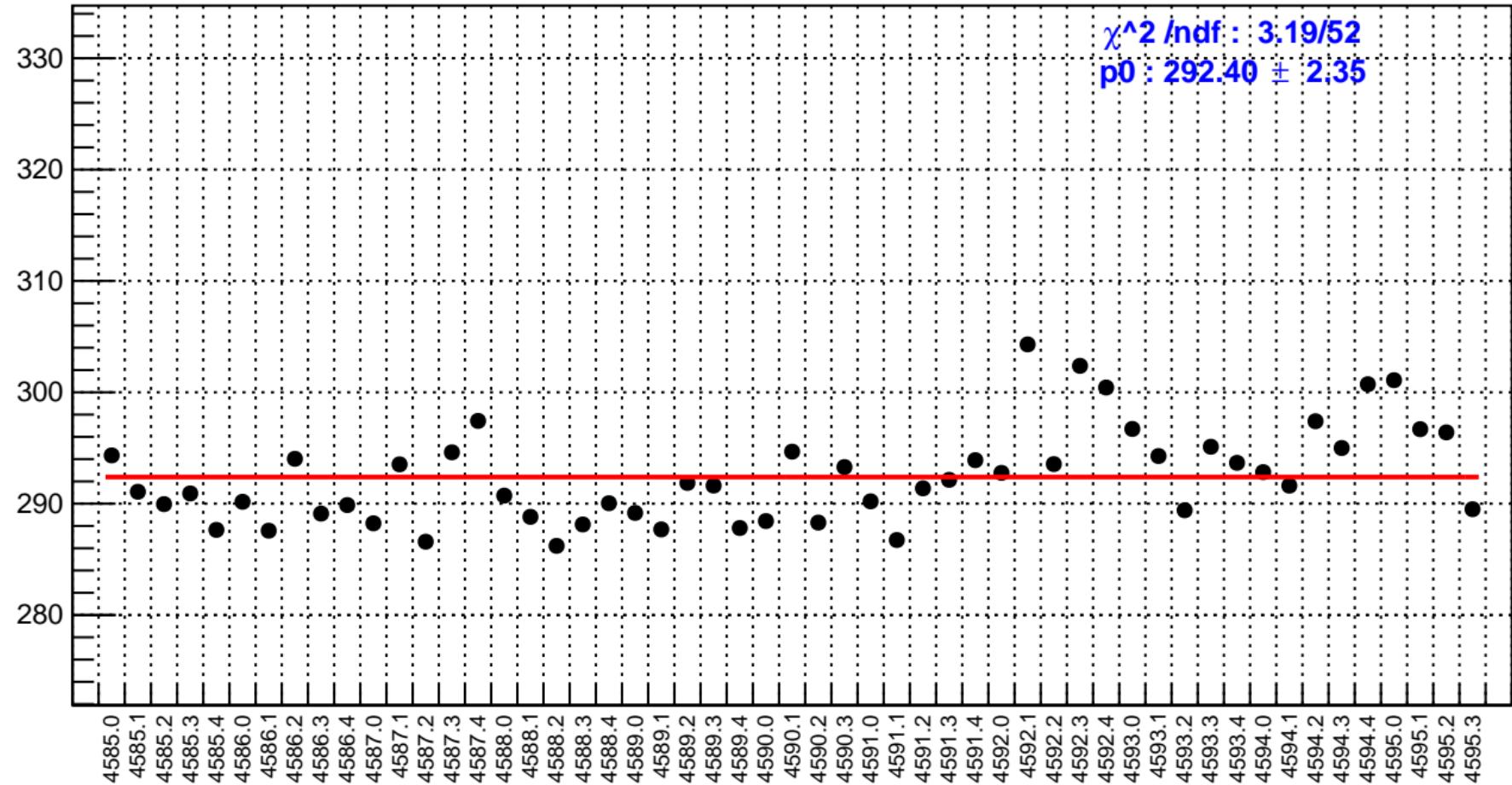


slug70: asym_sam7.mean/ppb-reg_asym_sam7.mean/ppb

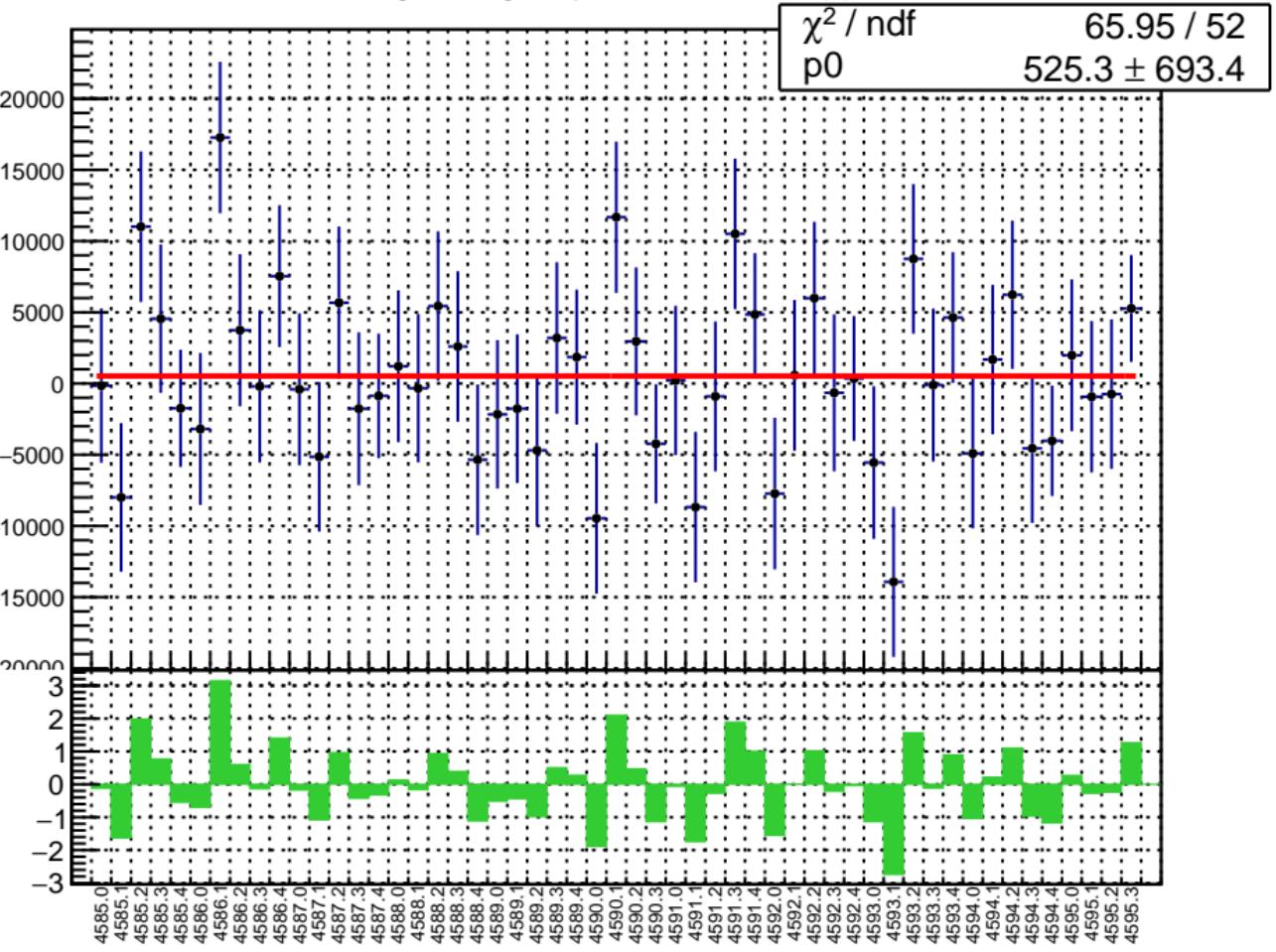
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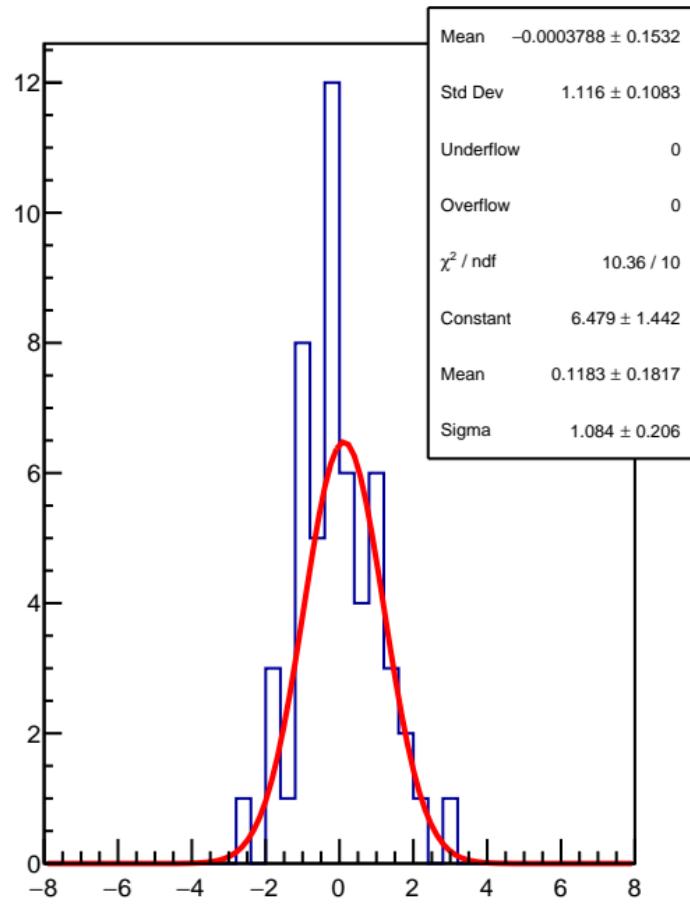
slug70: reg_asym_sam7.rms/ppm



slug70: reg_asym_sam8.mean/ppb

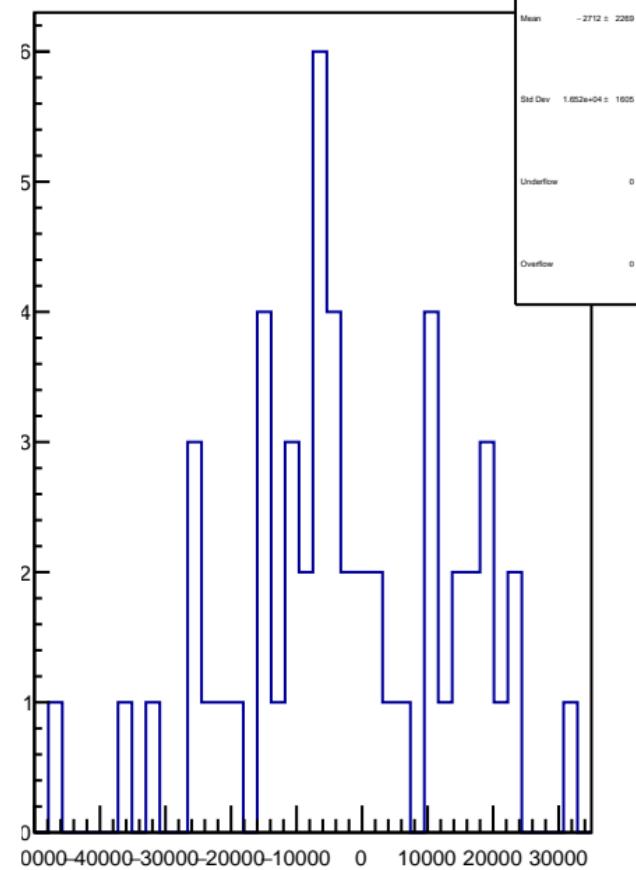
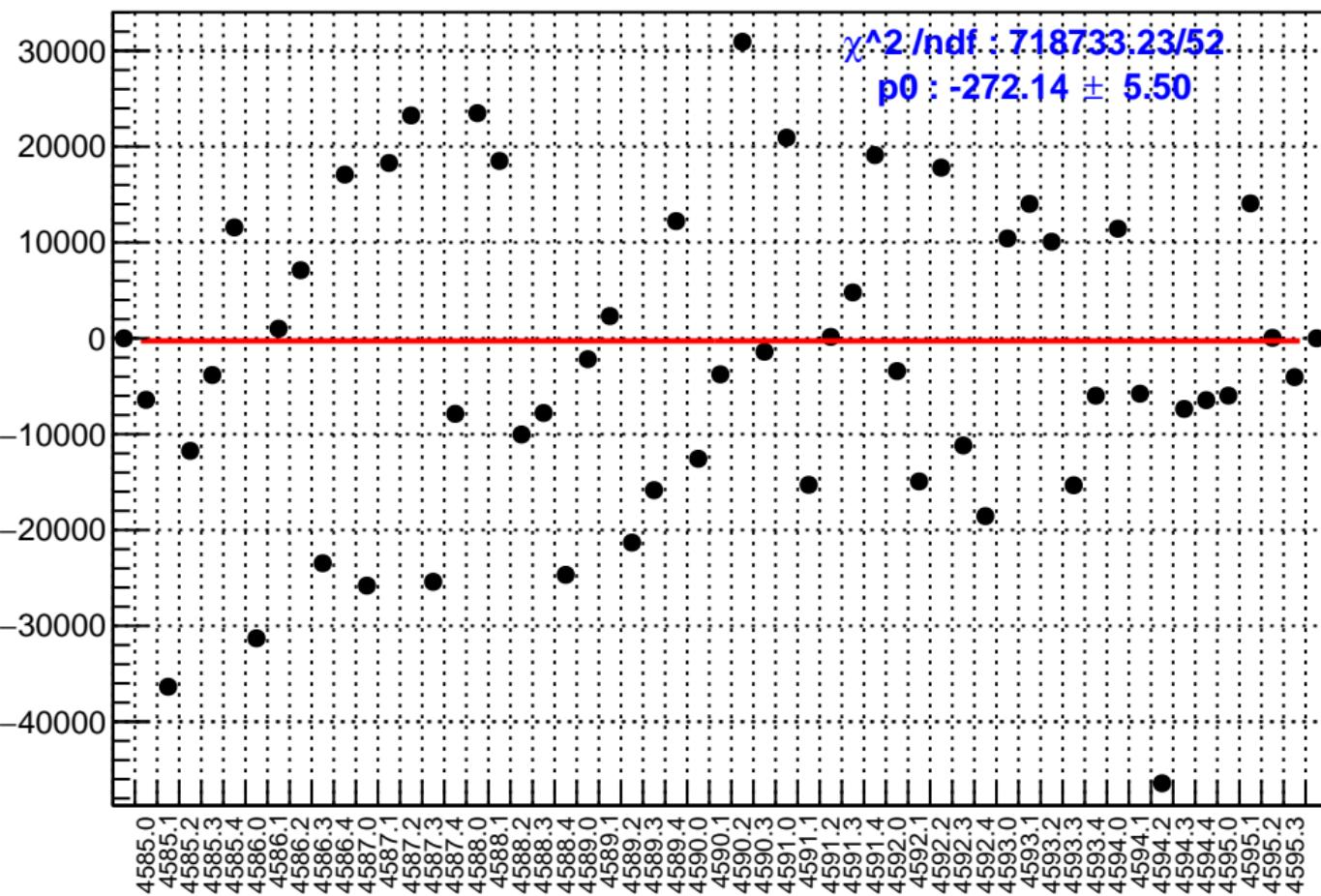


1D pull distribution



slug70: asym_sam8.mean/ppb-reg_asym_sam8.mean/ppb

slug70: 1D Corr asym_sam8.mean/ppb-reg_asym_sam8.mean/ppb



slug70: reg_asym_sam8.rms/ppm

