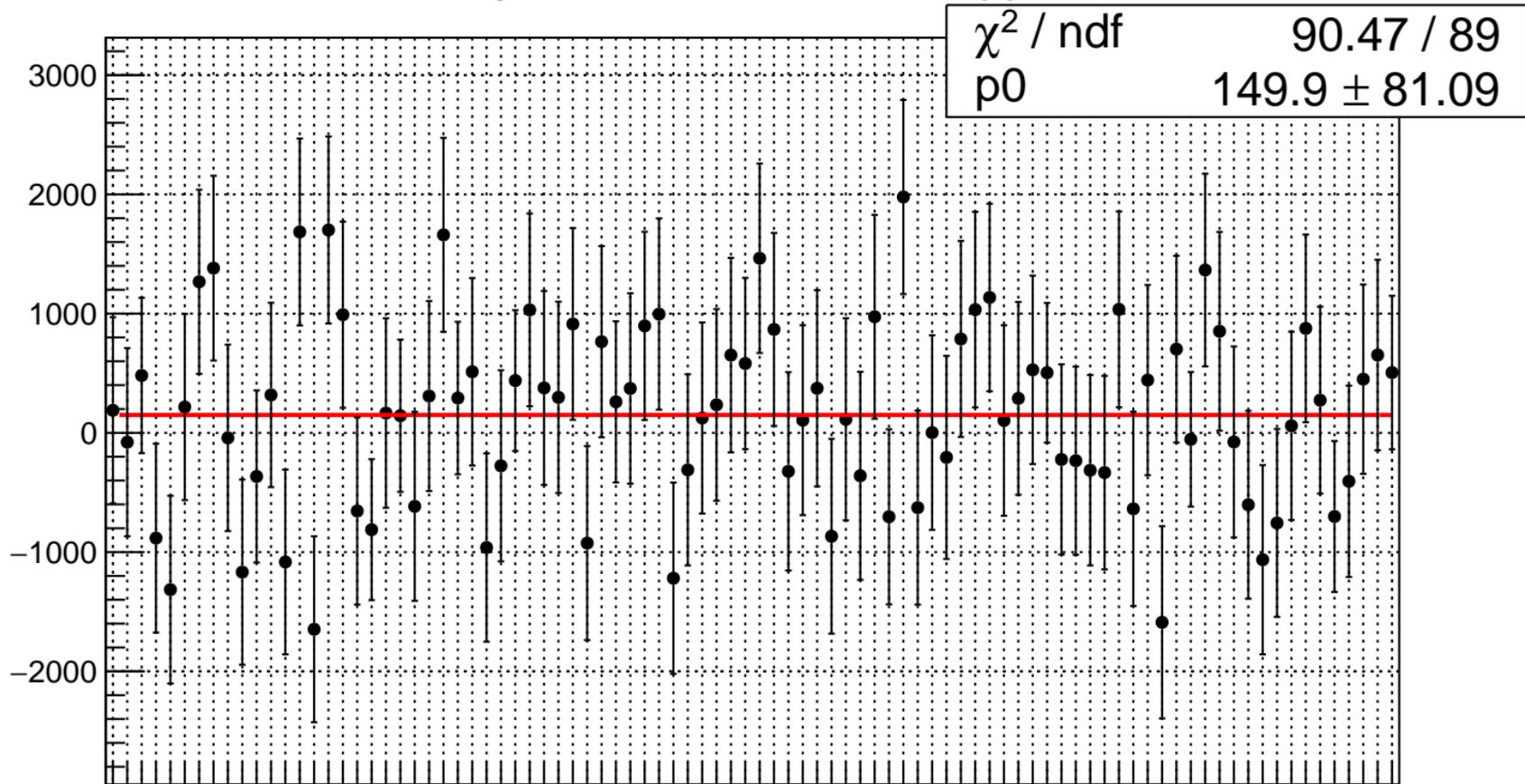
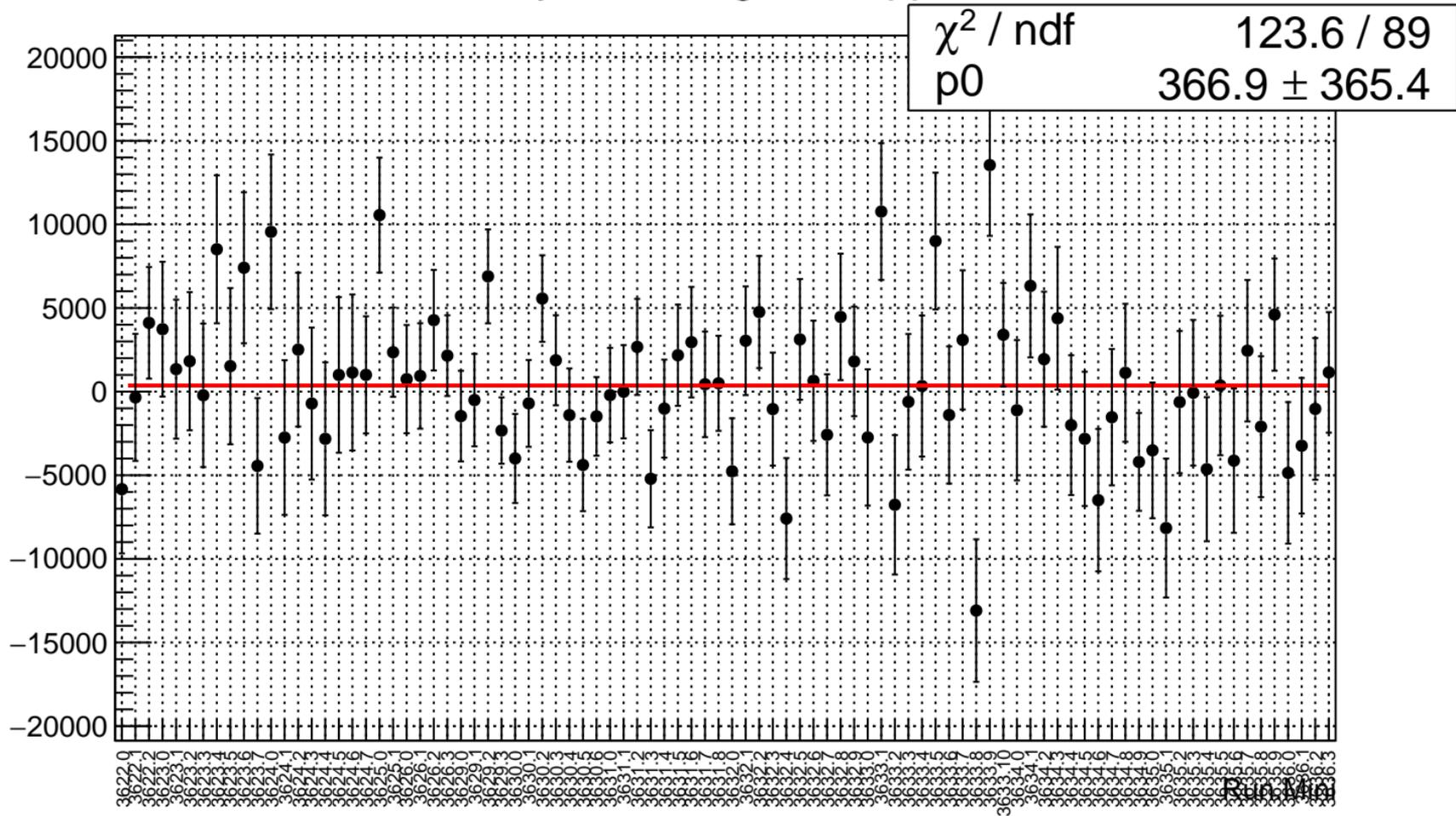


asym_bcm_an_ds3.mean/ppb



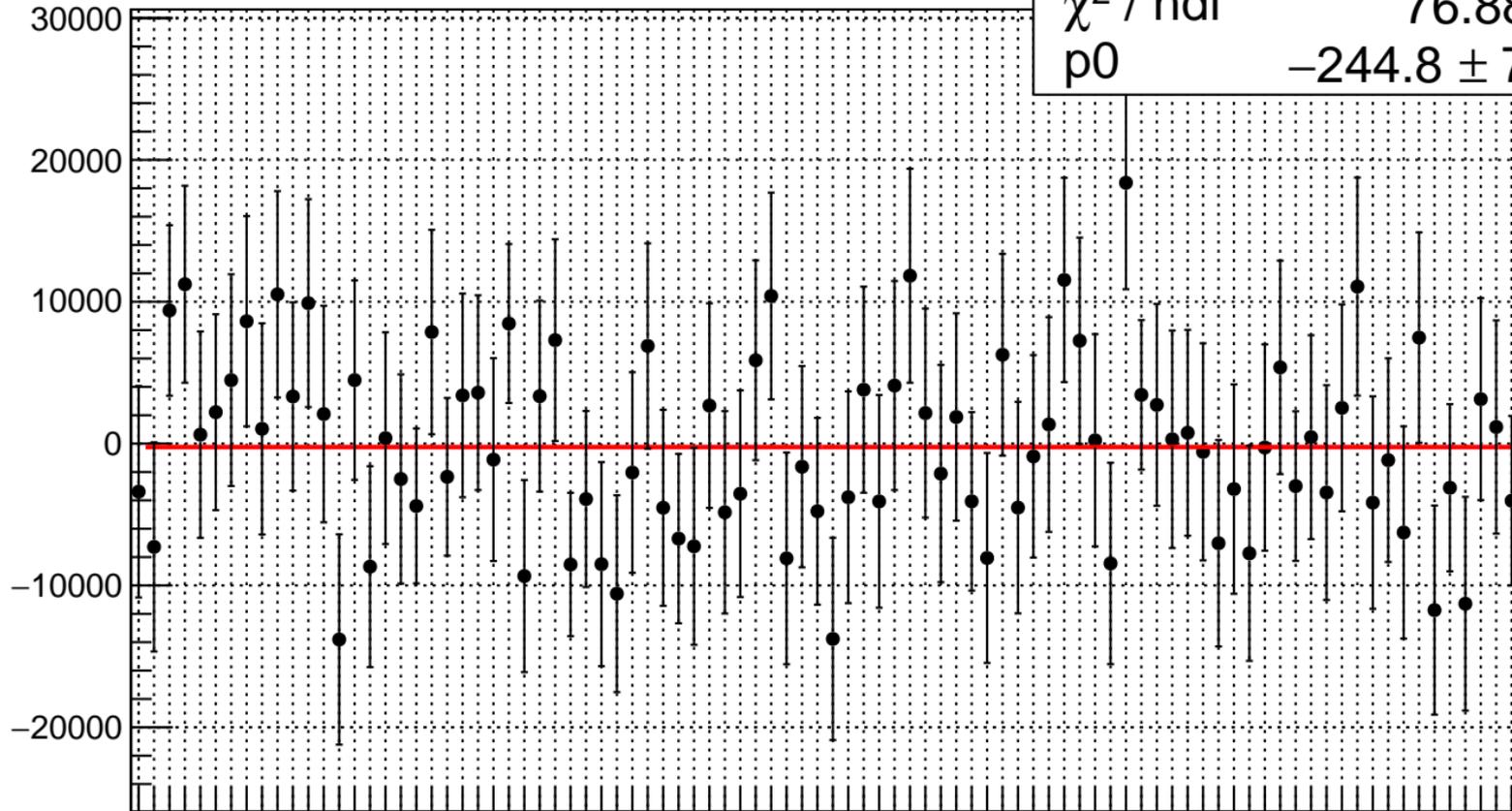
Run 3414

asym_ds_avg.mean/ppb



asym_ds_dd.mean/ppb

χ^2 / ndf 76.88 / 89
p0 -244.8 ± 734.8

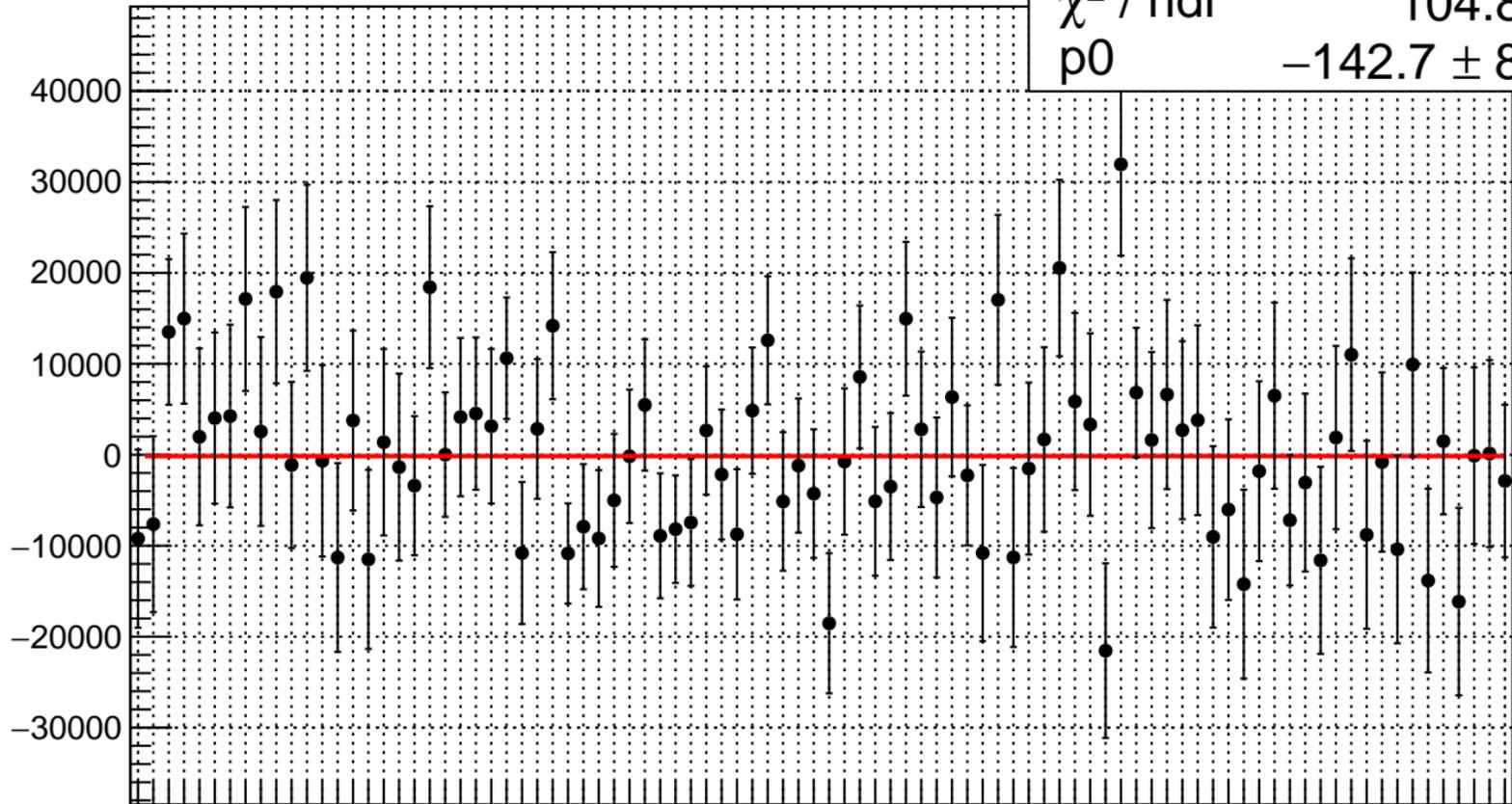


0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000

Run 414

asym_dsl.mean/ppb

χ^2 / ndf 104.8 / 89
p0 -142.7 ± 899.8

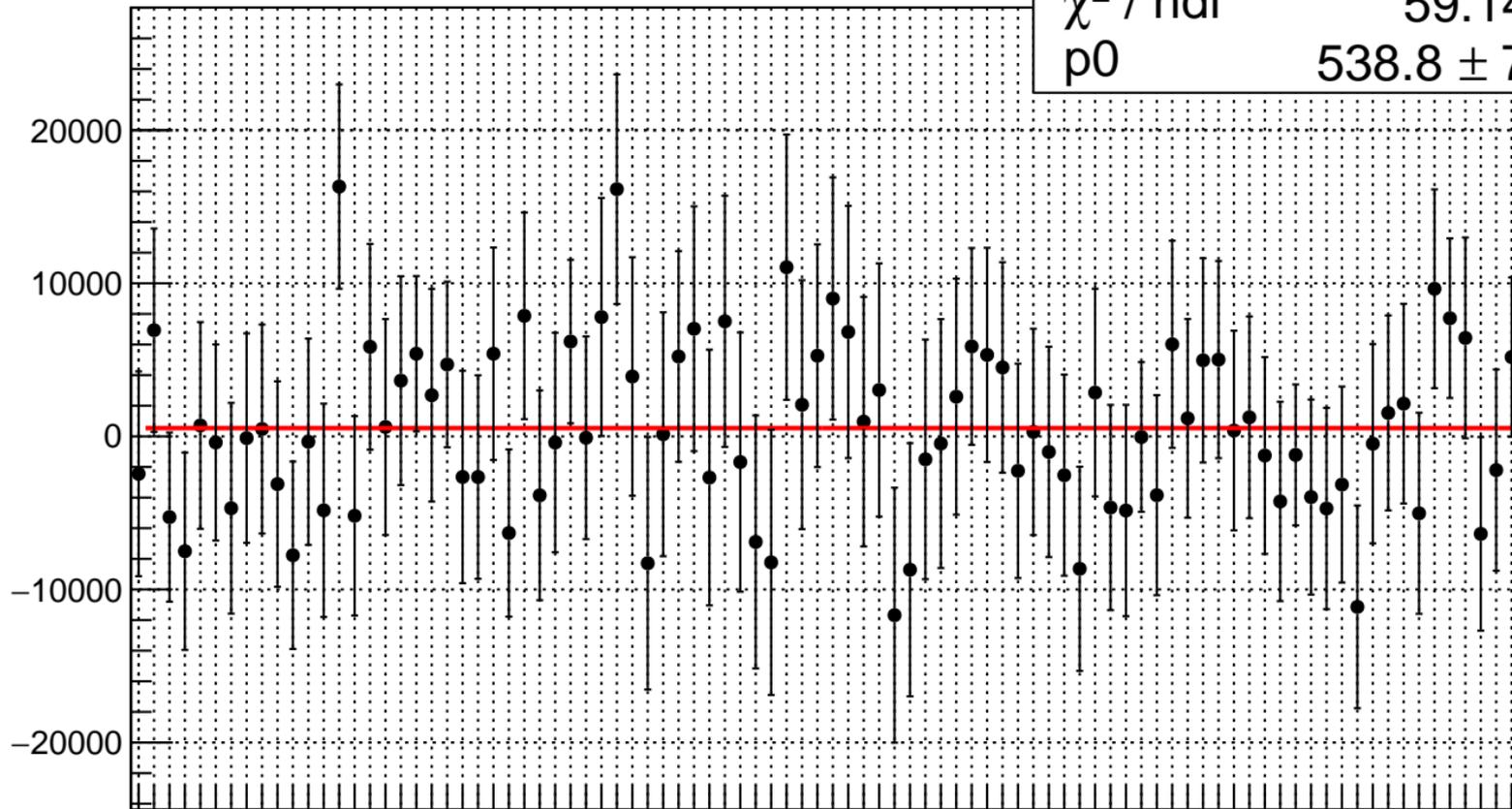


Run Num

asym_dsr.mean/ppb

χ^2 / ndf
p0

59.14 / 89
 538.8 ± 707.6



Run. Min

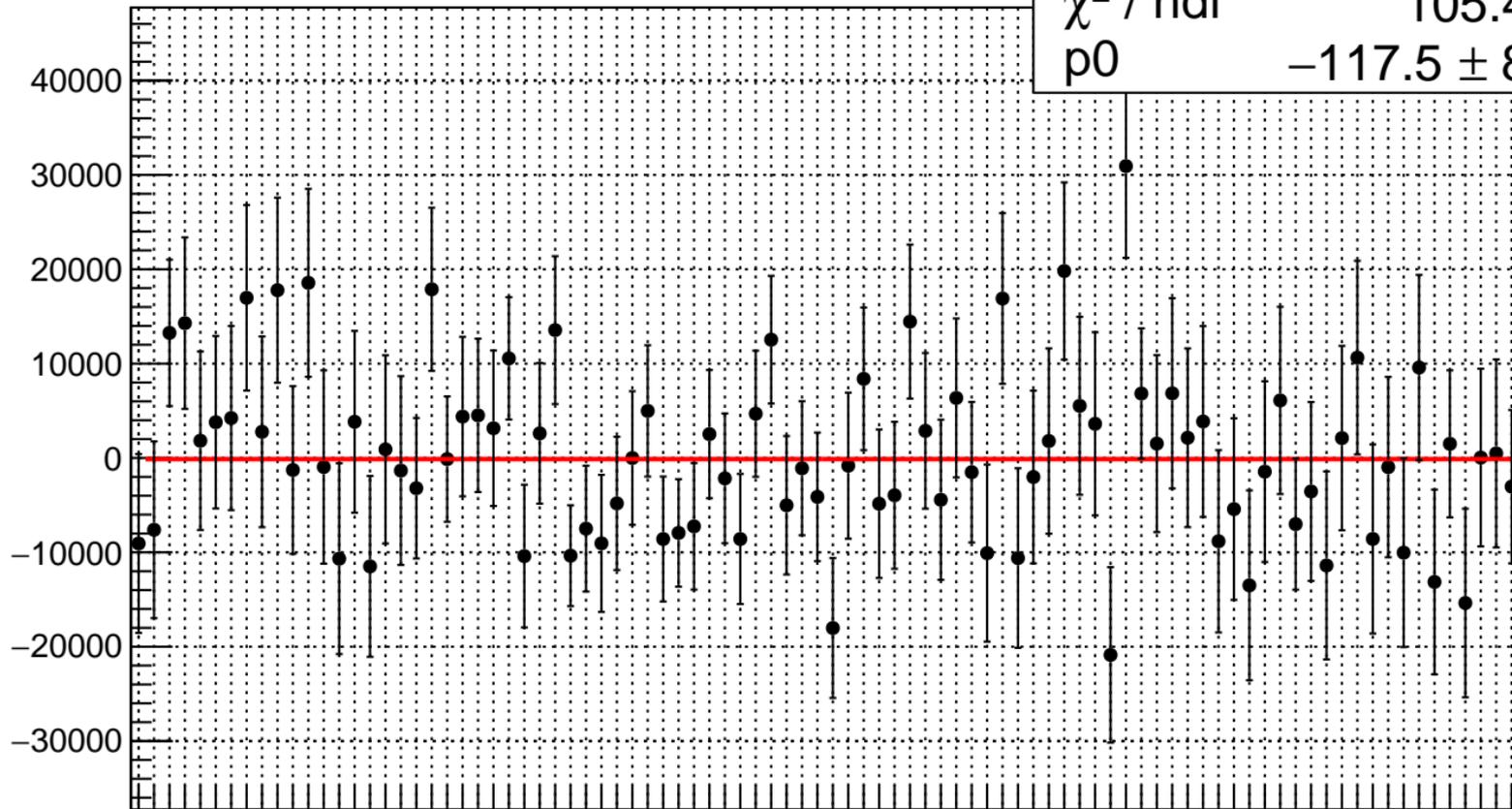
asym_left_avg.mean/ppb

χ^2 / ndf

105.4 / 89

p0

-117.5 ± 870.6

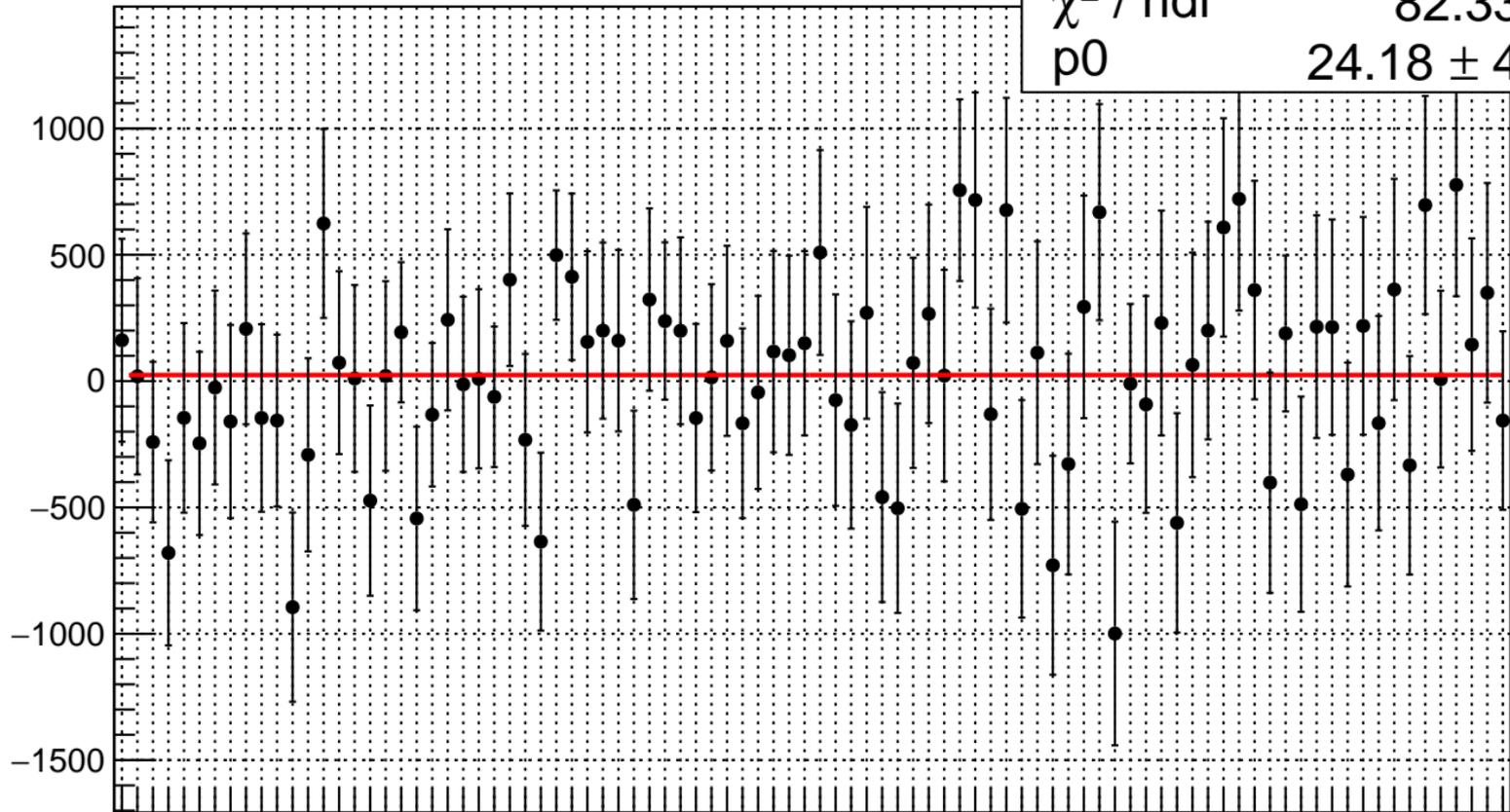


Run Num

asym_left_dd.mean/ppb

χ^2 / ndf
p0

82.33 / 89
24.18 \pm 40.02



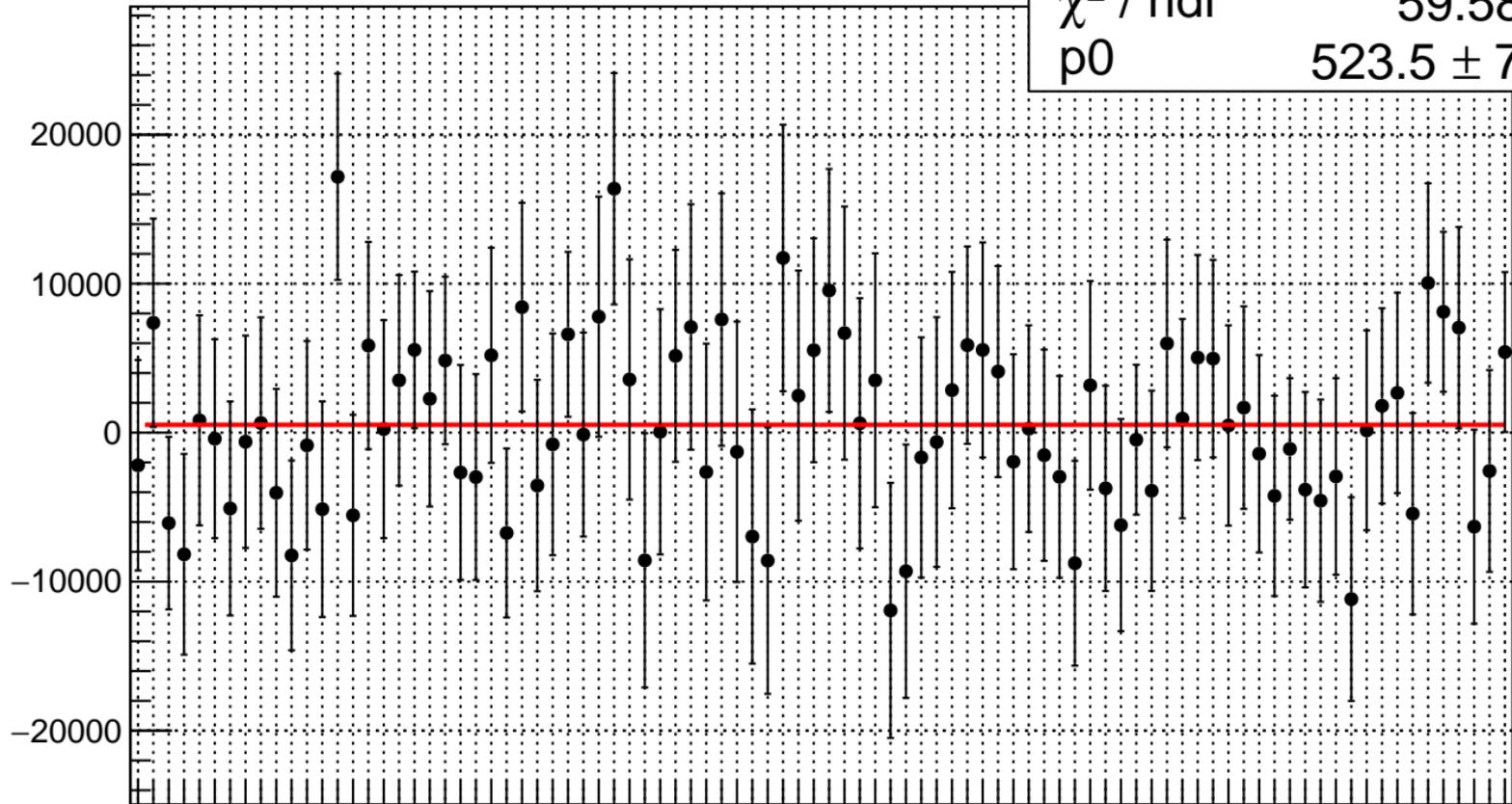
asym_right_avg.mean/ppb

χ^2 / ndf

59.58 / 89

p0

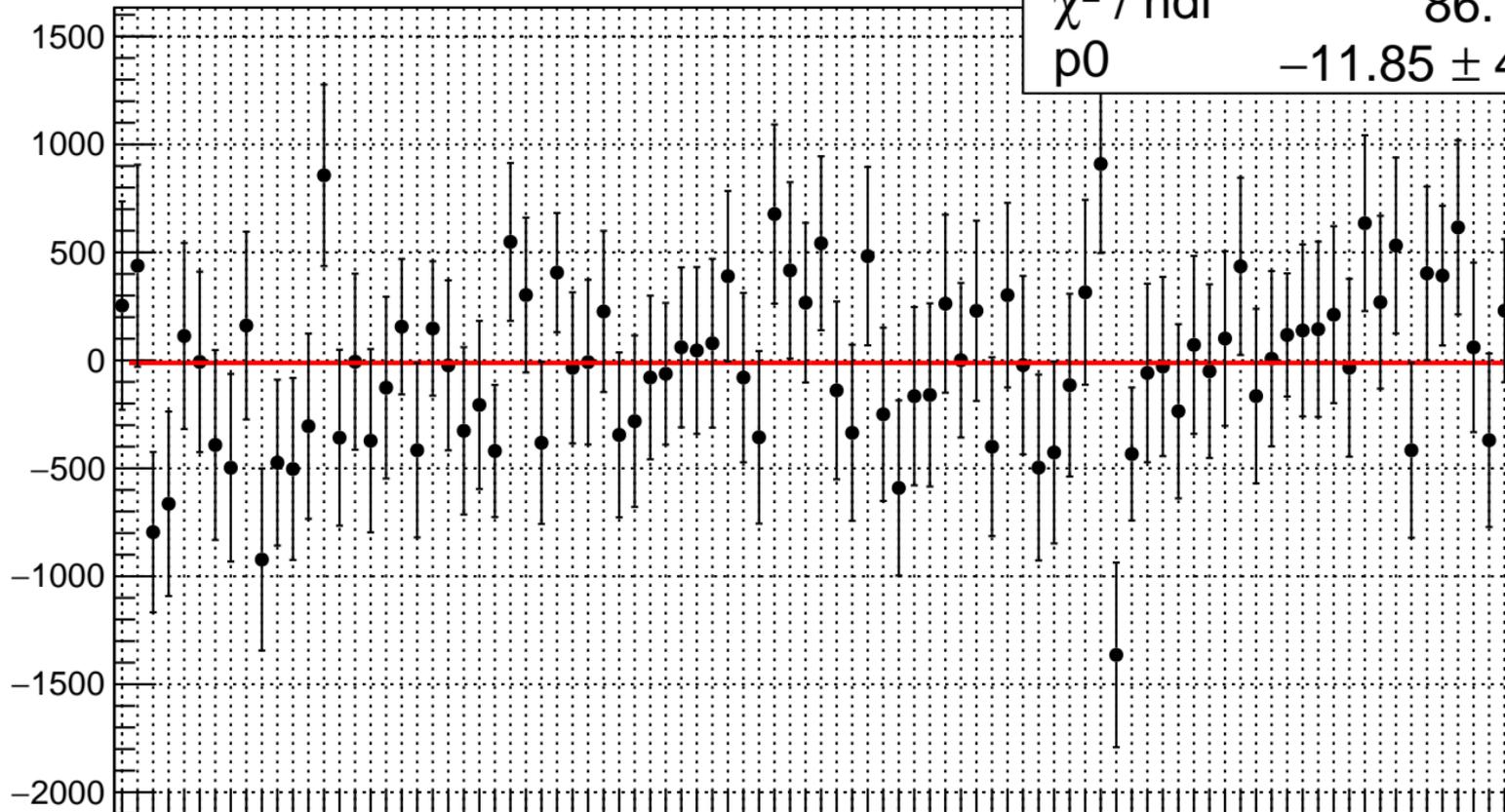
523.5 ± 731.8



Run Num

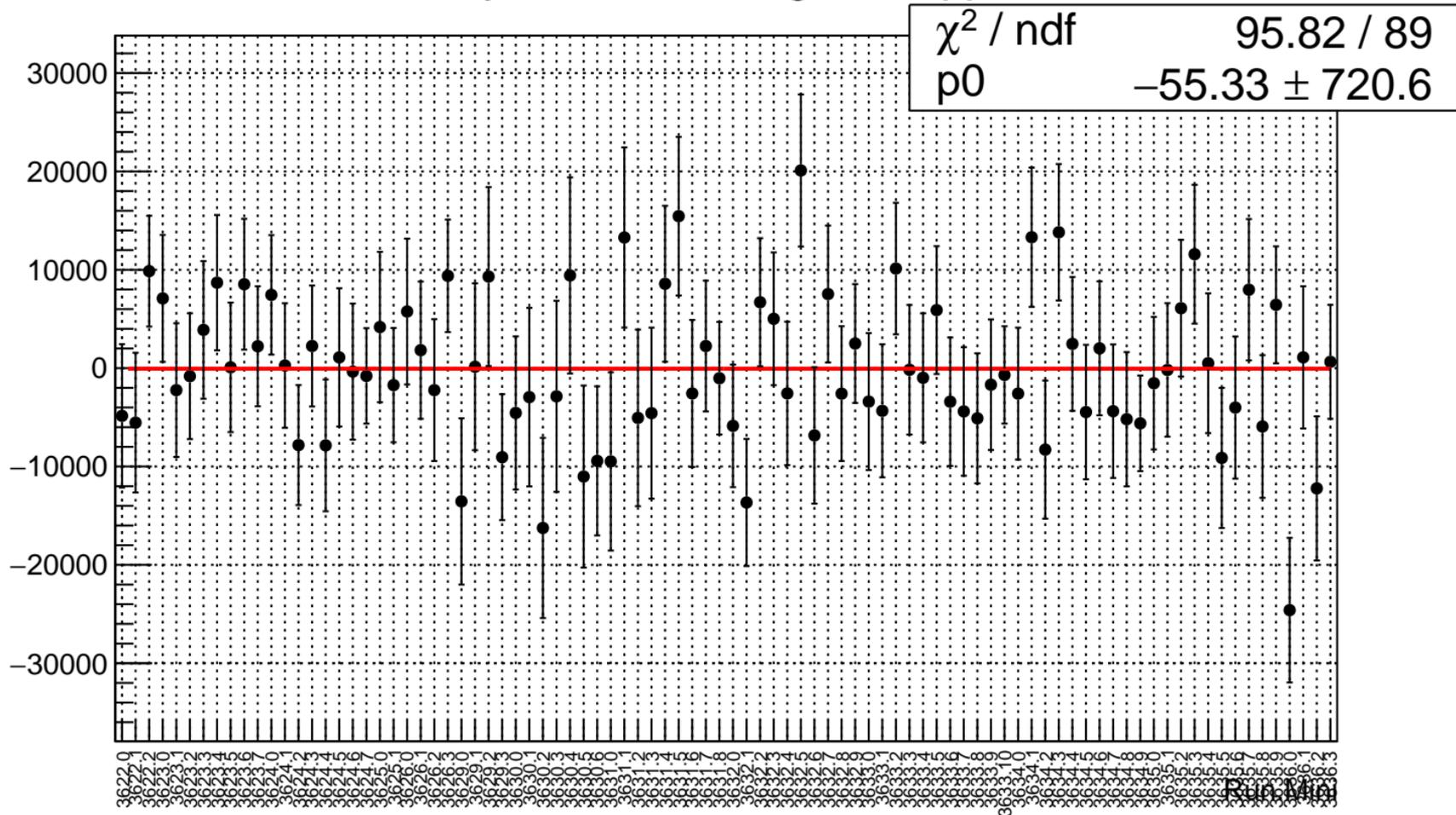
asym_right_dd.mean/ppb

χ^2 / ndf 86.1 / 89
p0 -11.85 ± 41.14



Run 3414

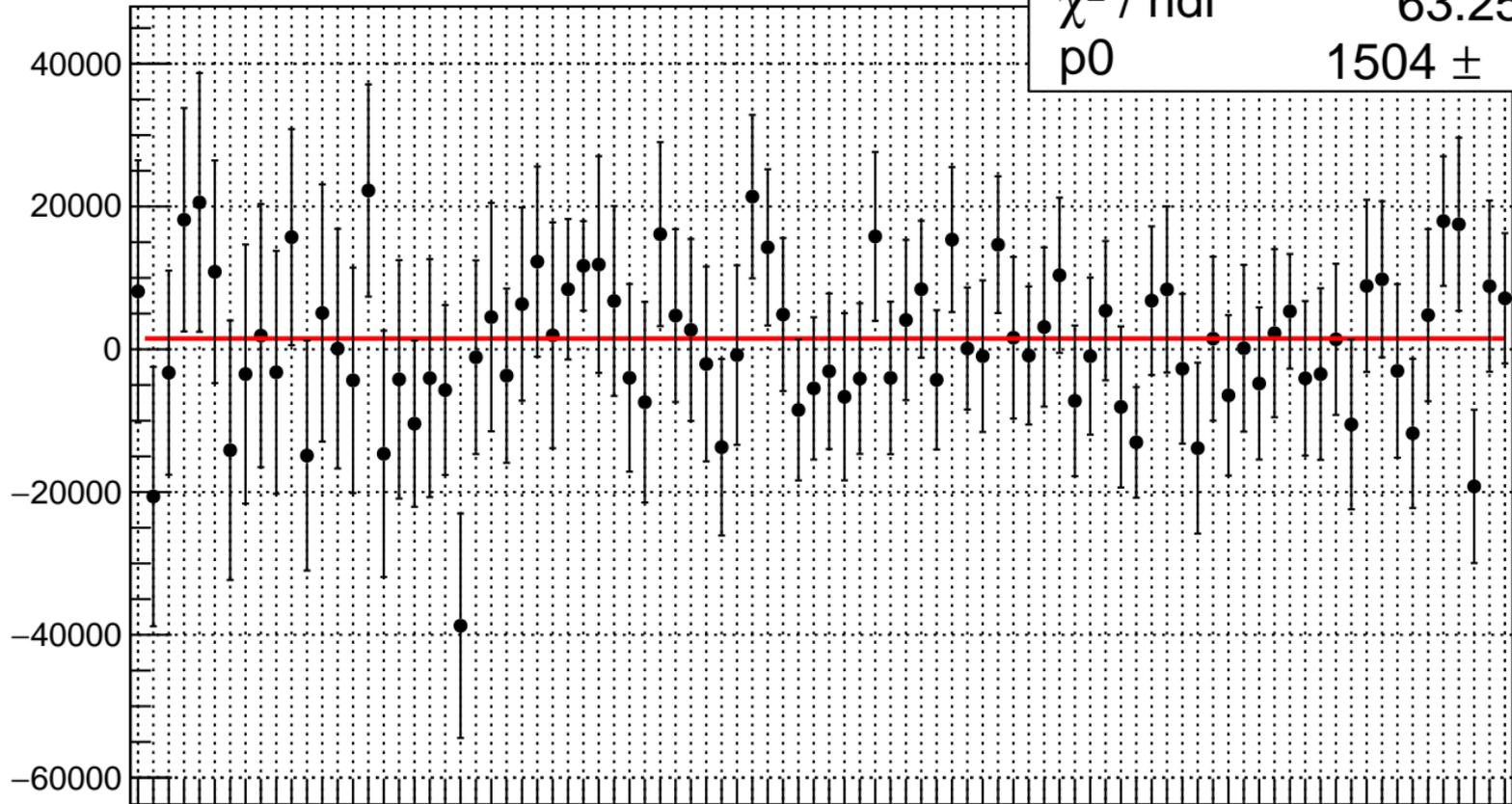
asym_sam_15_avg.mean/ppb



asym_sam_15_dd.mean/ppb

χ^2 / ndf
p0

63.25 / 89
1504 ± 1230

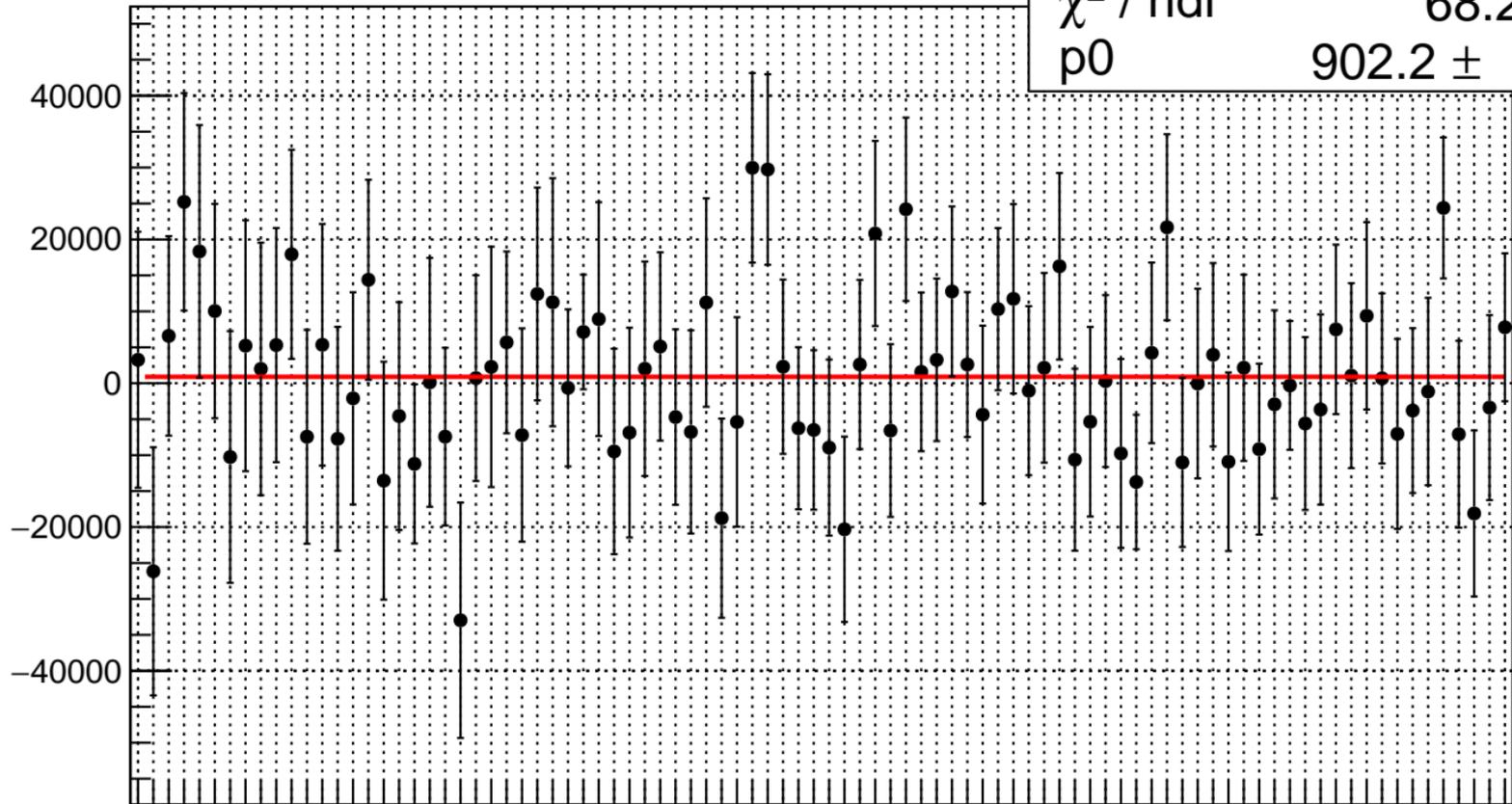


Run ID

asym_sam1.mean/ppb

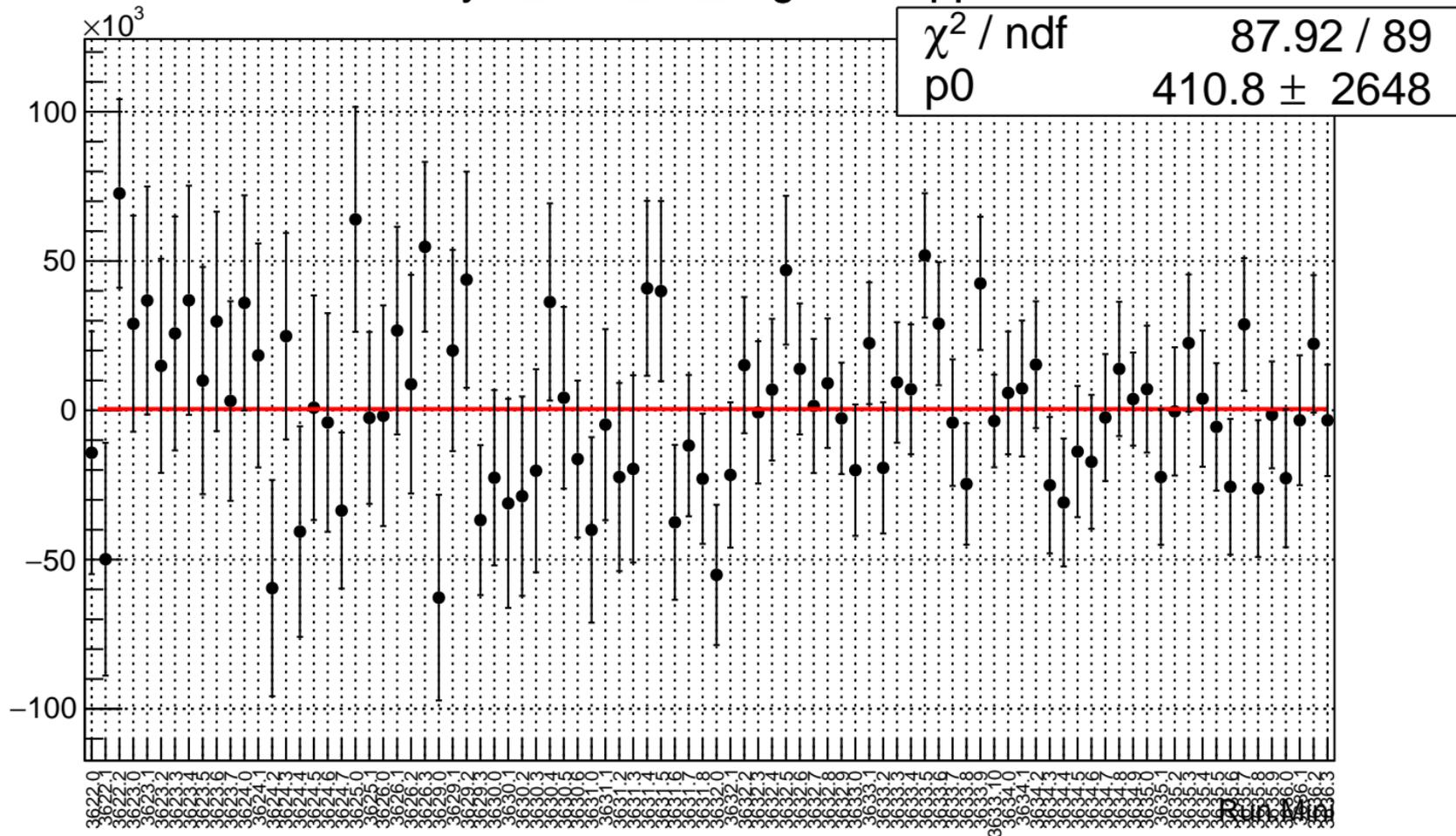
χ^2 / ndf
p0

68.2 / 89
 902.2 ± 1357

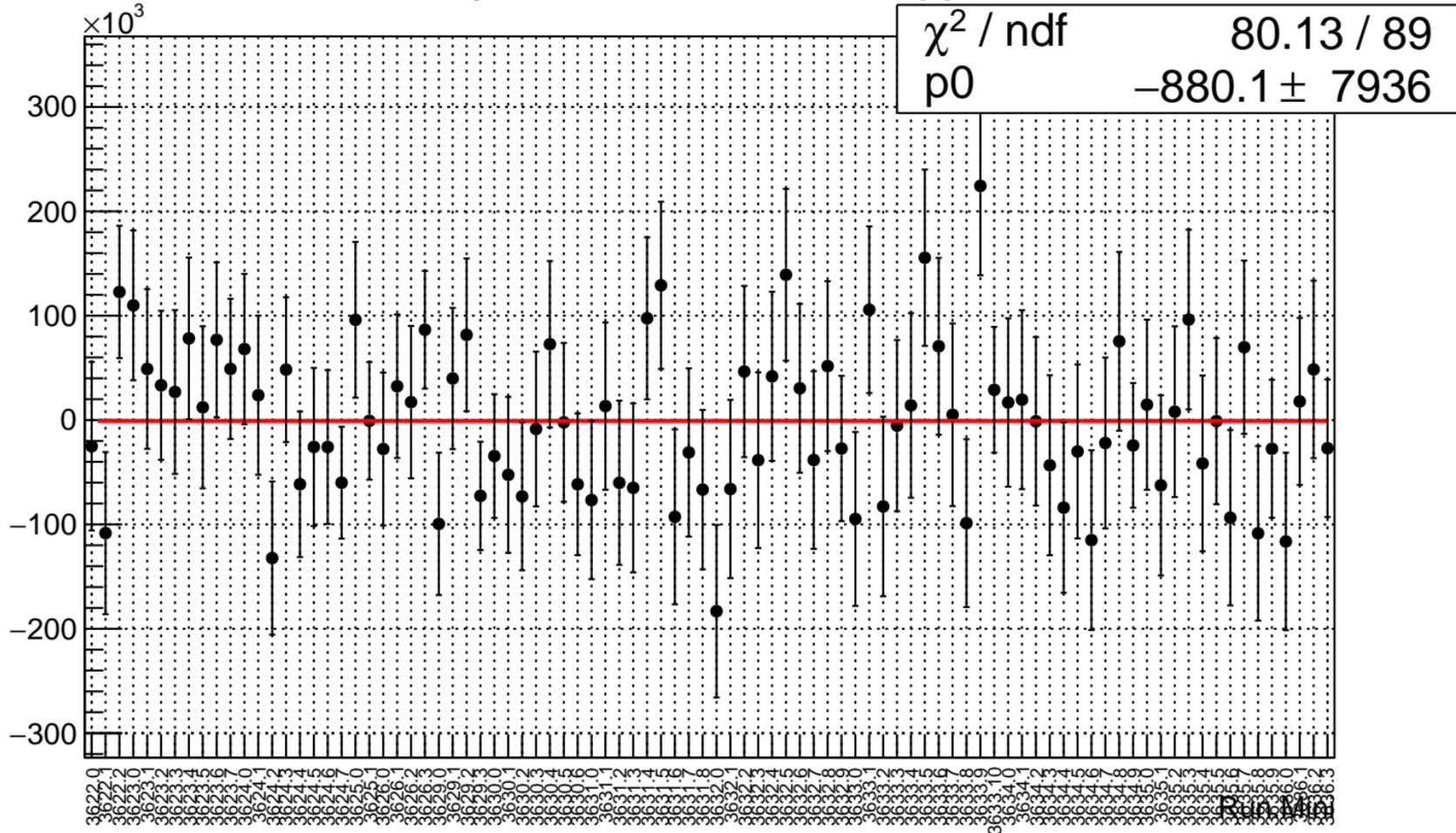


Run Num

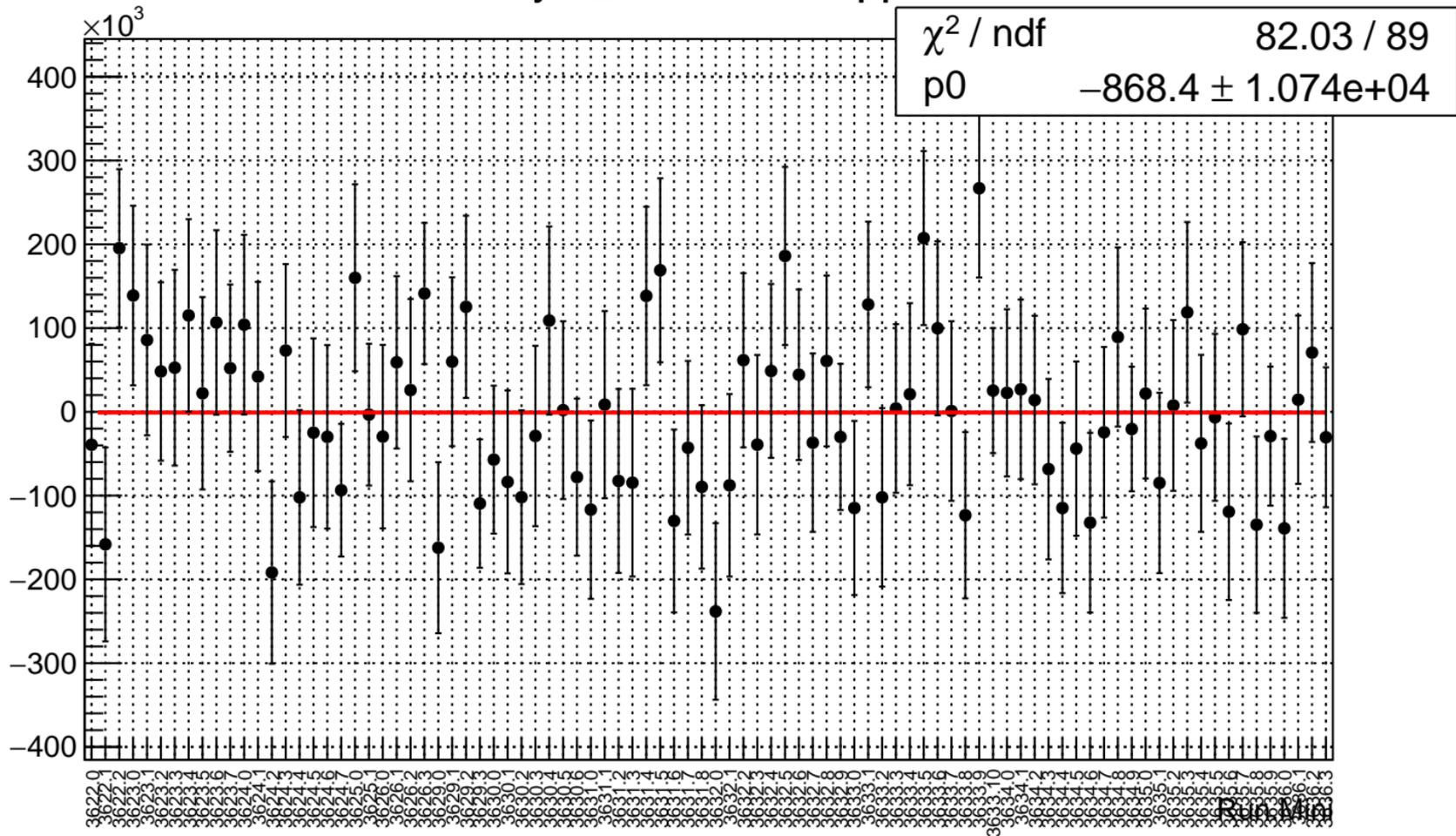
asym_sam_26_avg.mean/ppb



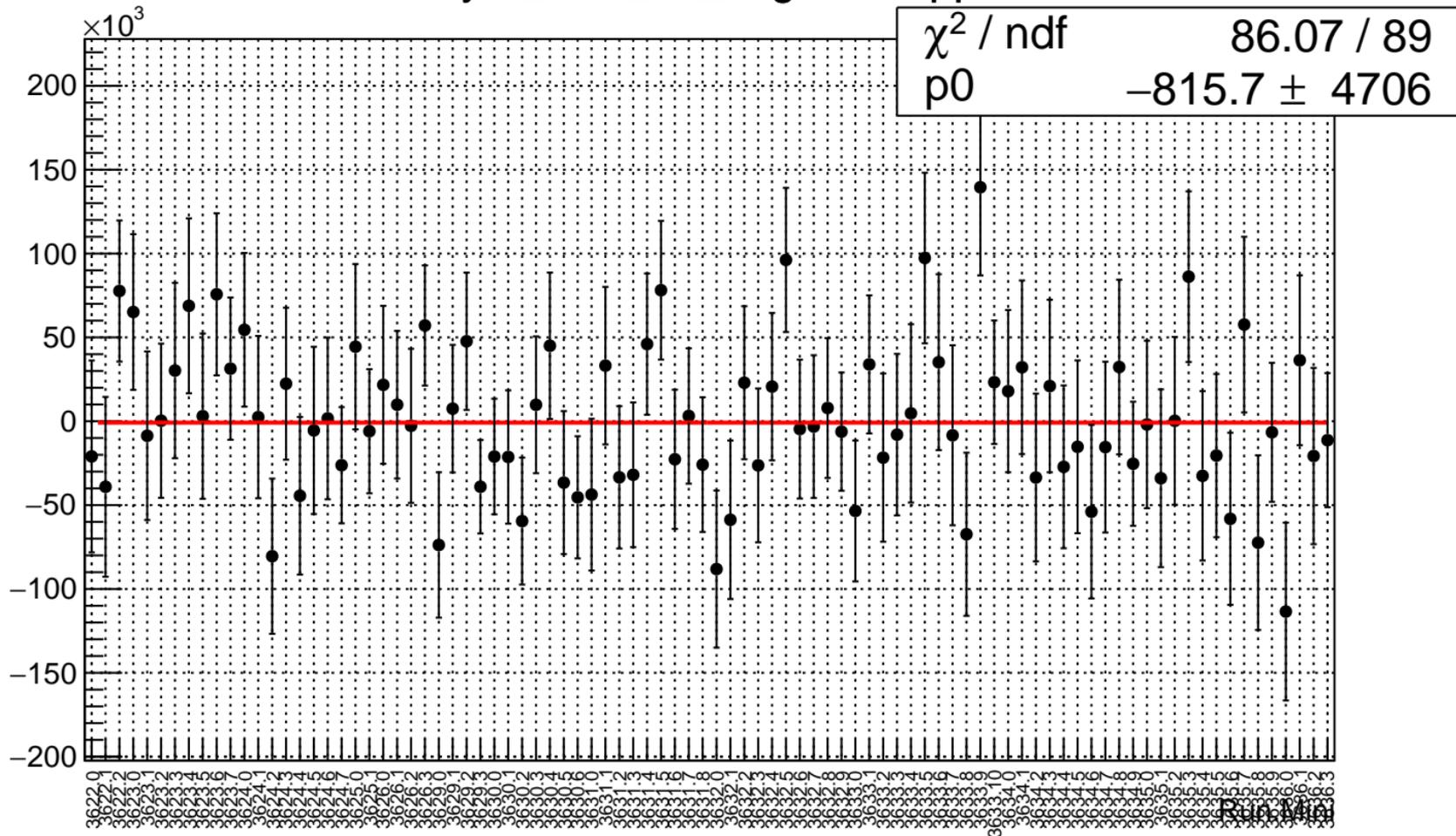
asym_sam_26_dd.mean/ppb



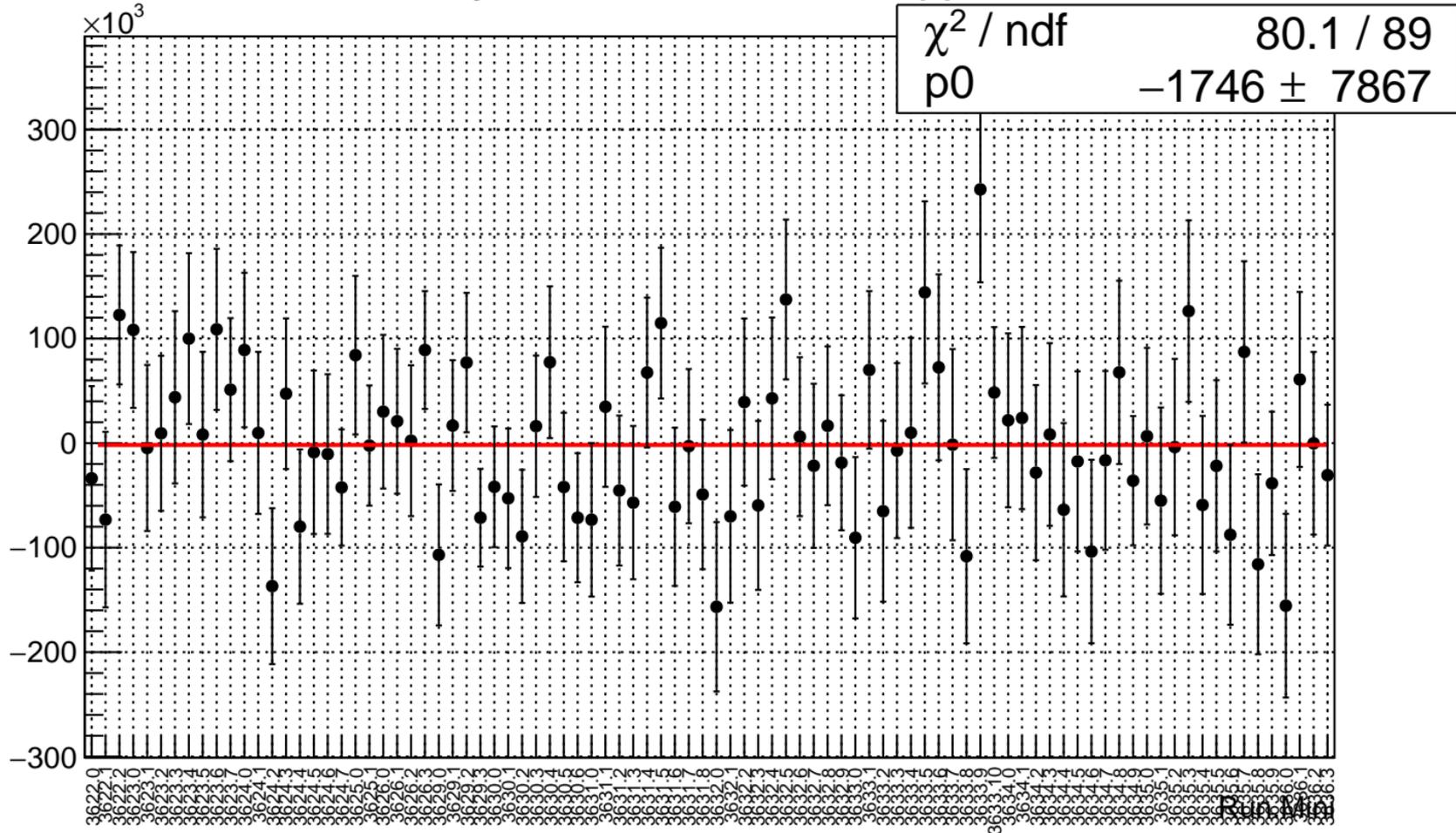
asym_sam2.mean/ppb



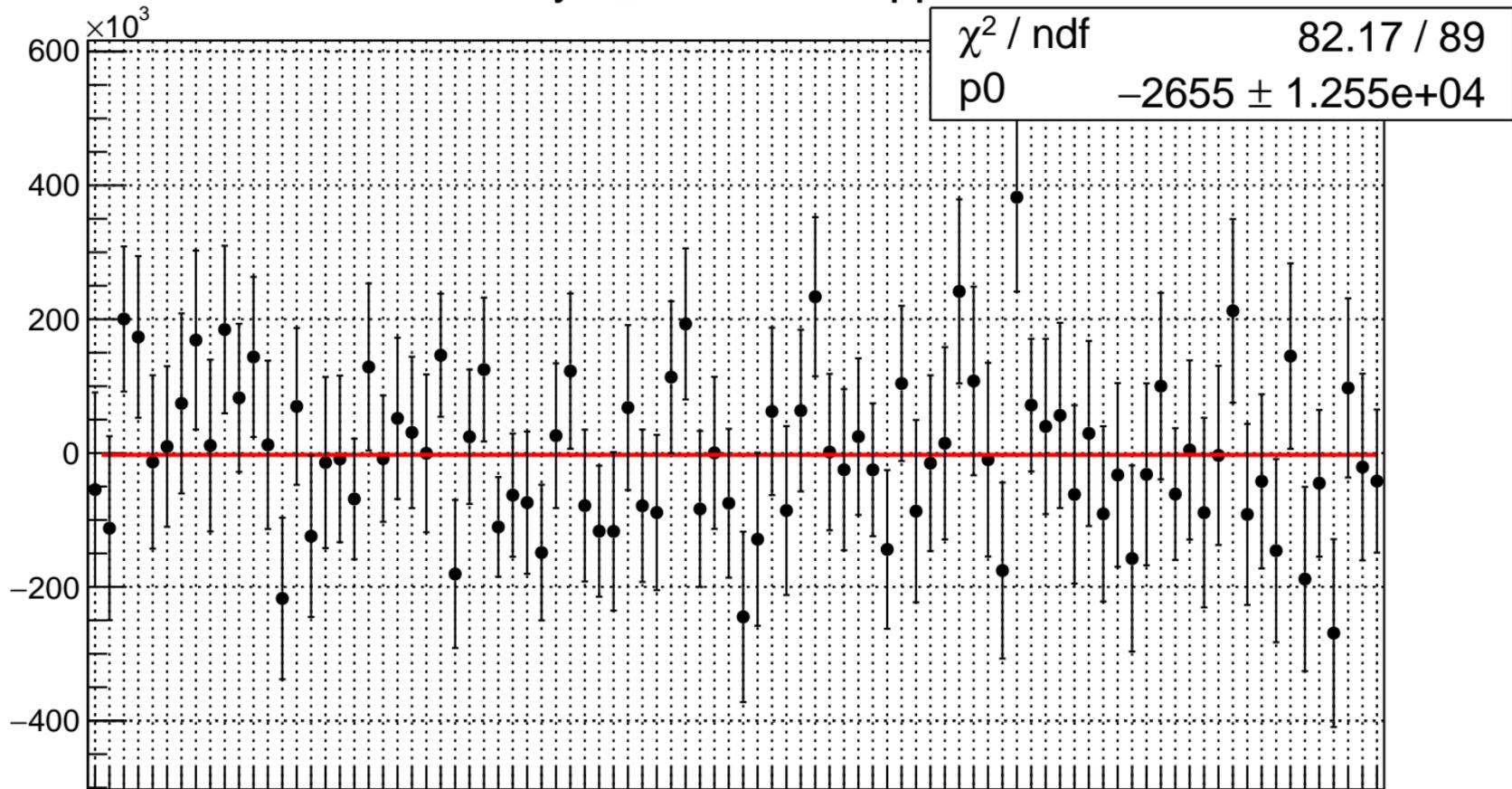
asym_sam_37_avg.mean/ppb



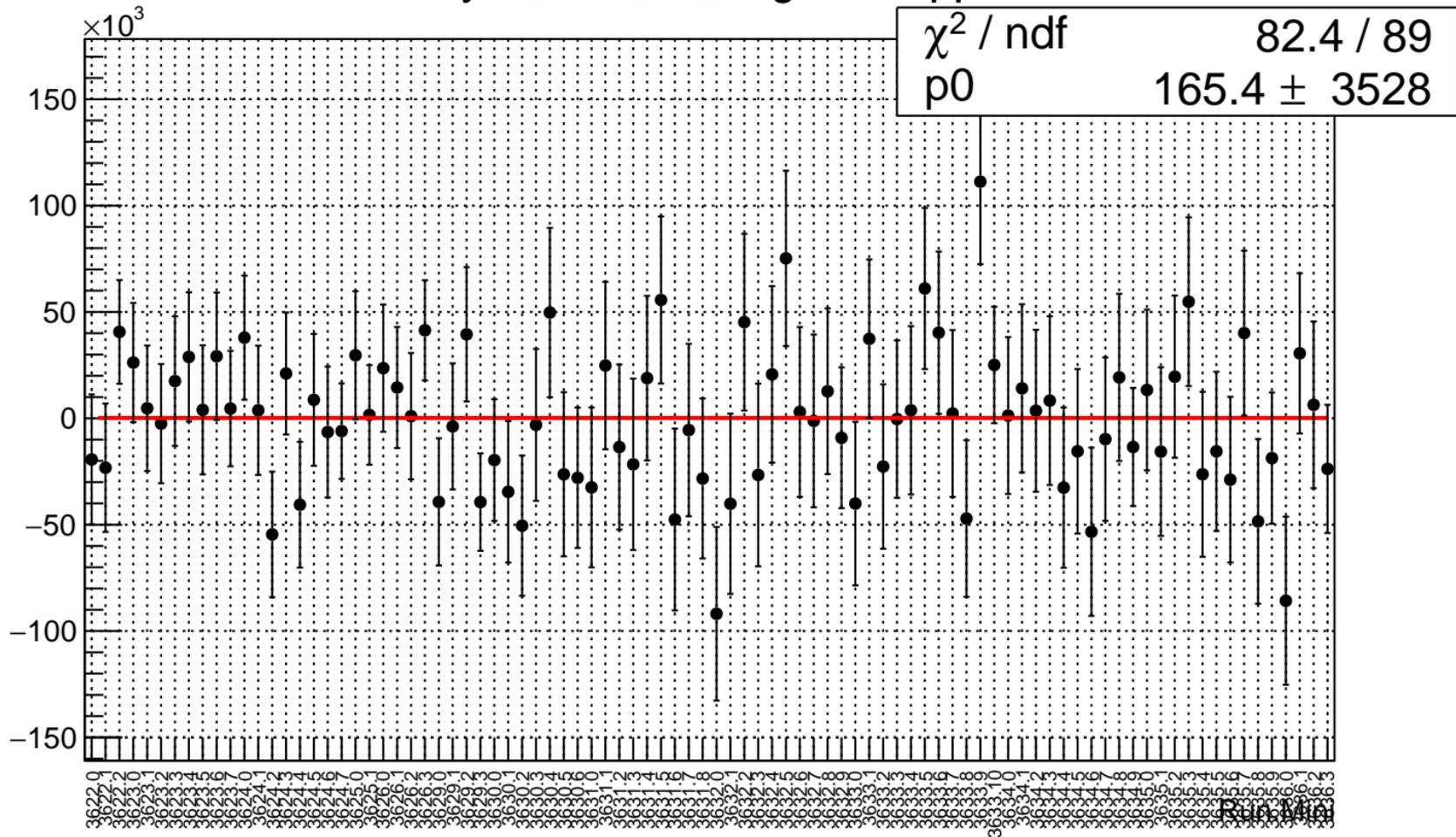
asym_sam_37_dd.mean/ppb



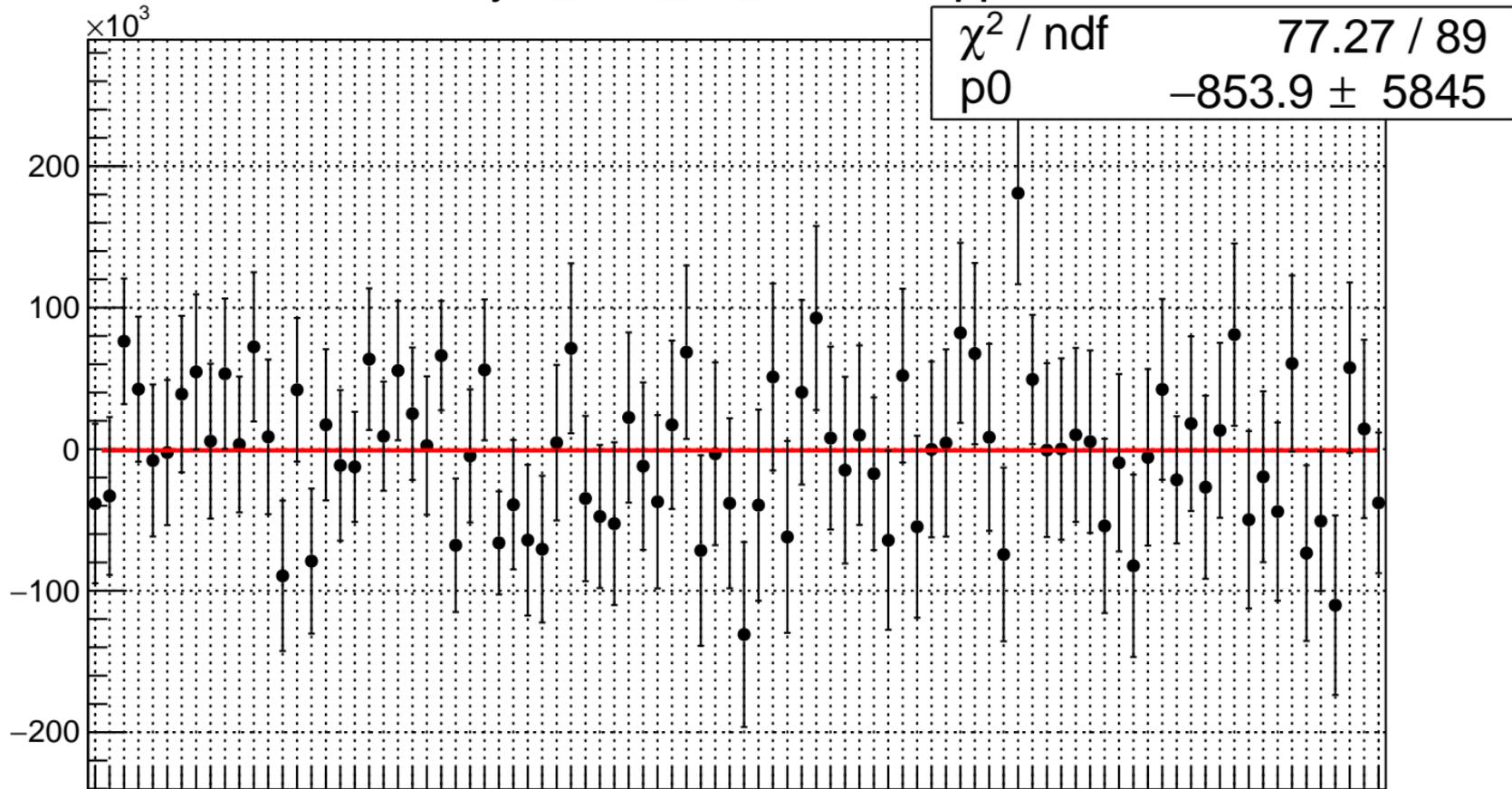
asym_sam3.mean/ppb



asym_sam_48_avg.mean/ppb

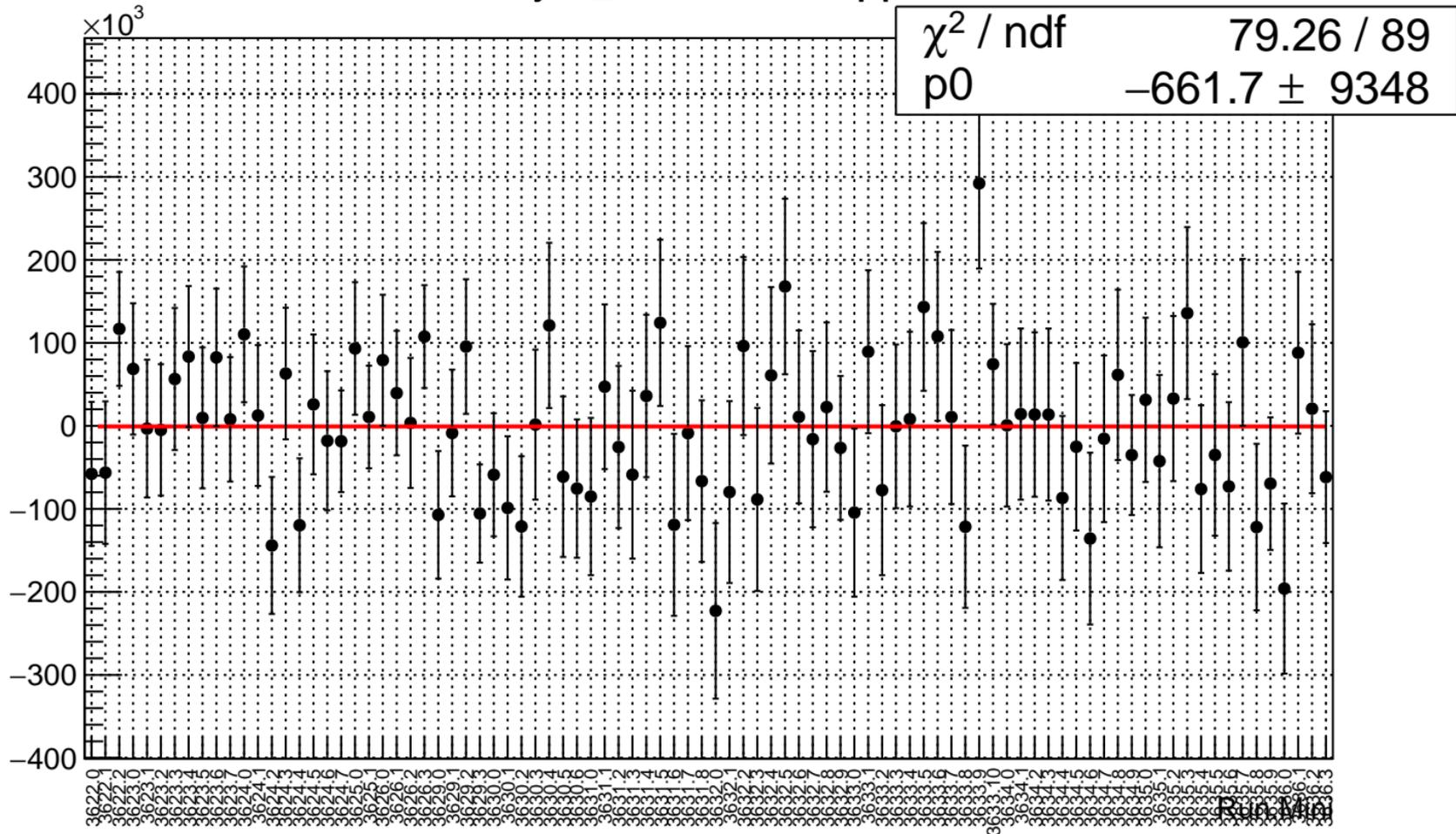


asym_sam_48_dd.mean/ppb



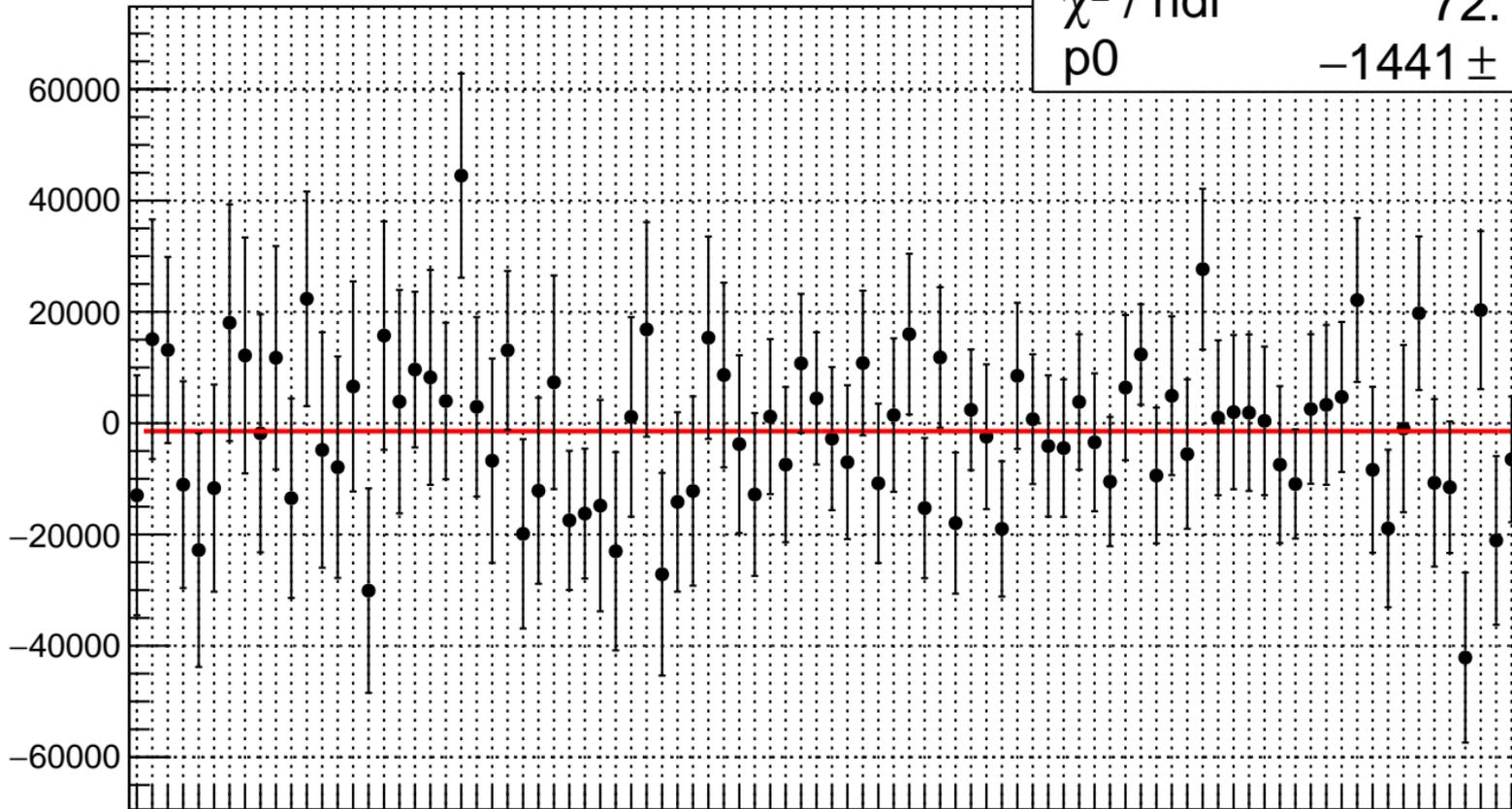
Run 4111

asym_sam4.mean/ppb



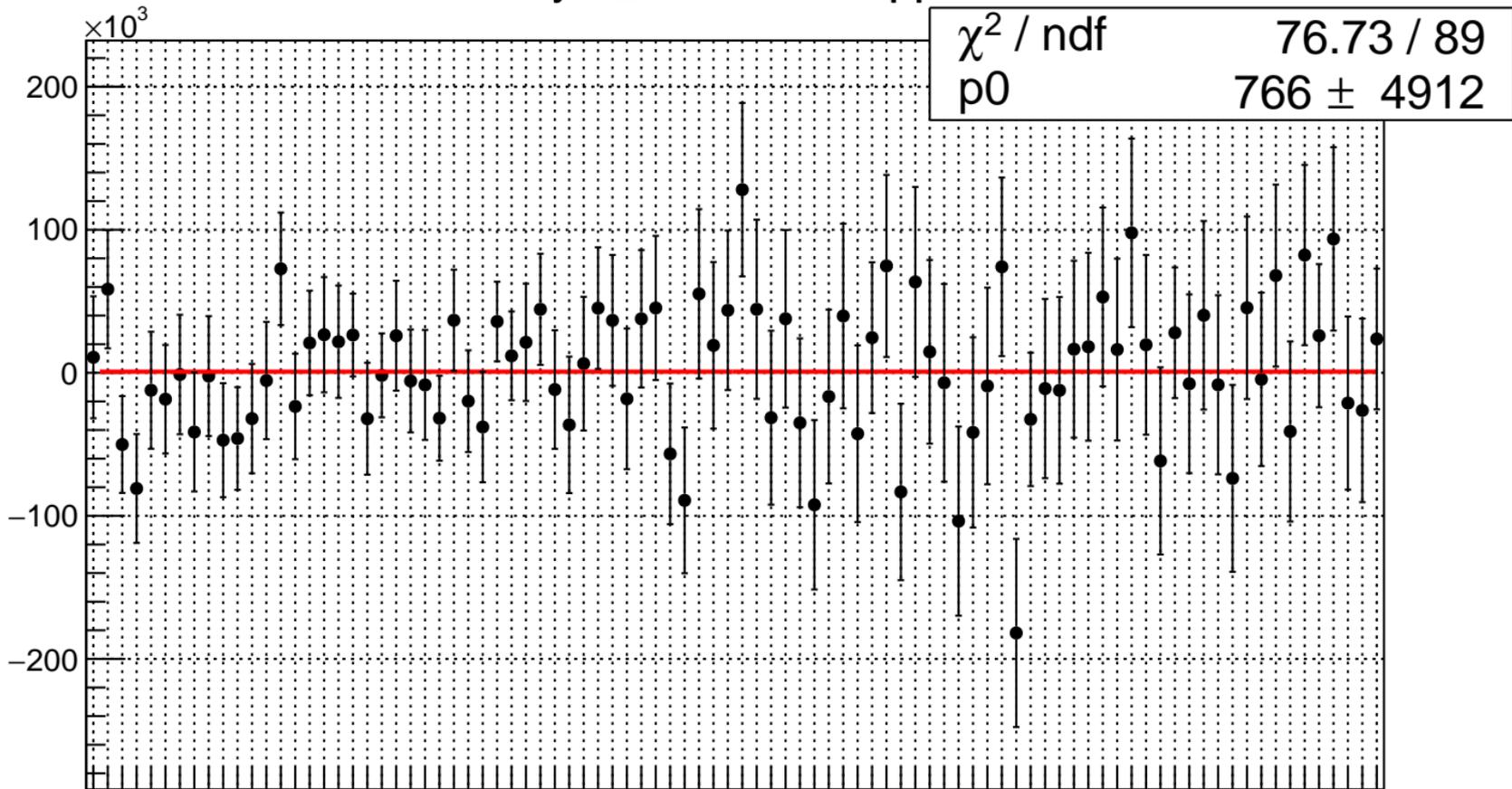
asym_sam5.mean/ppb

χ^2 / ndf 72.1 / 89
p0 -1441 ± 1531

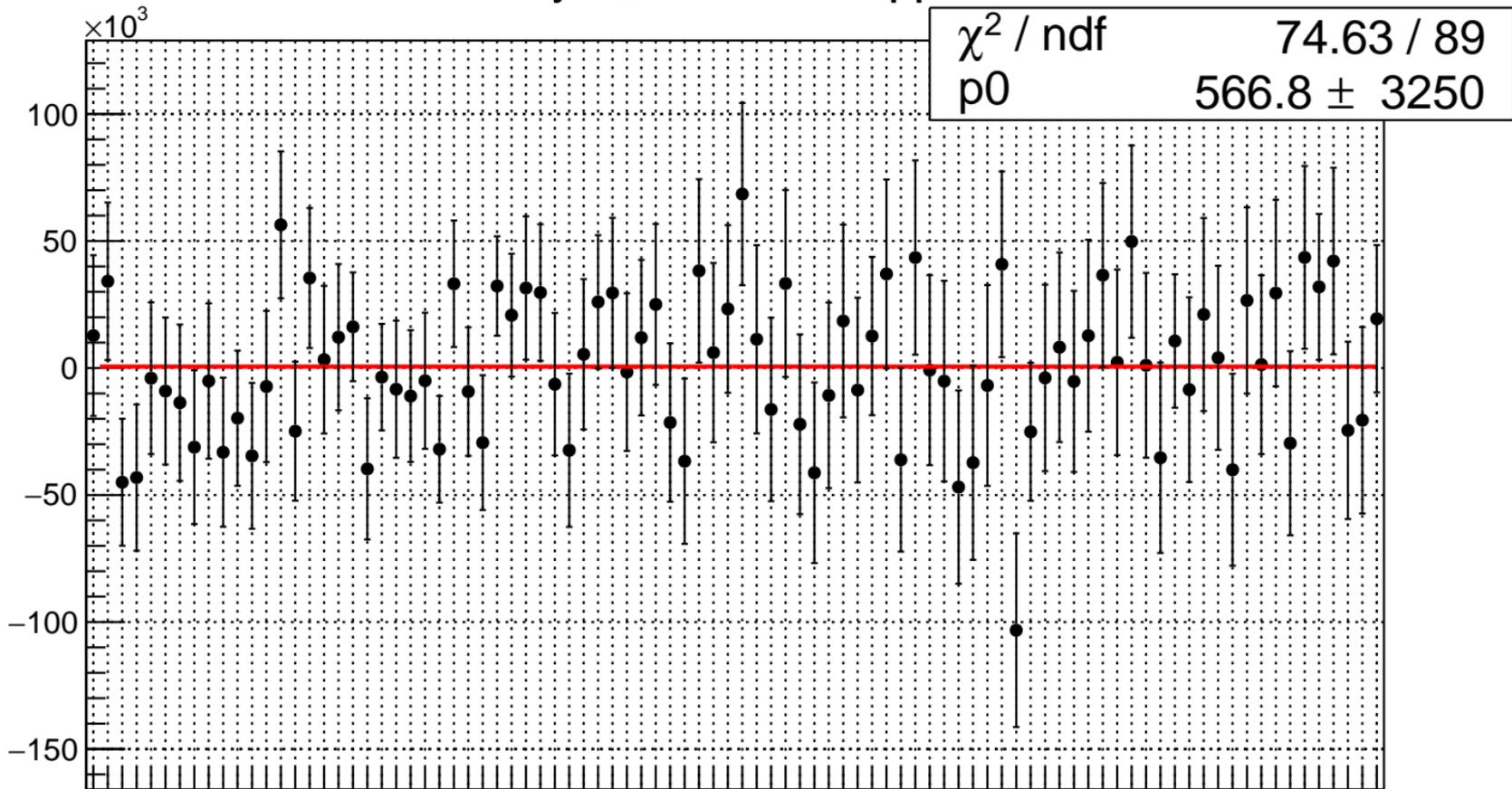


Run Num

asym_sam6.mean/ppb



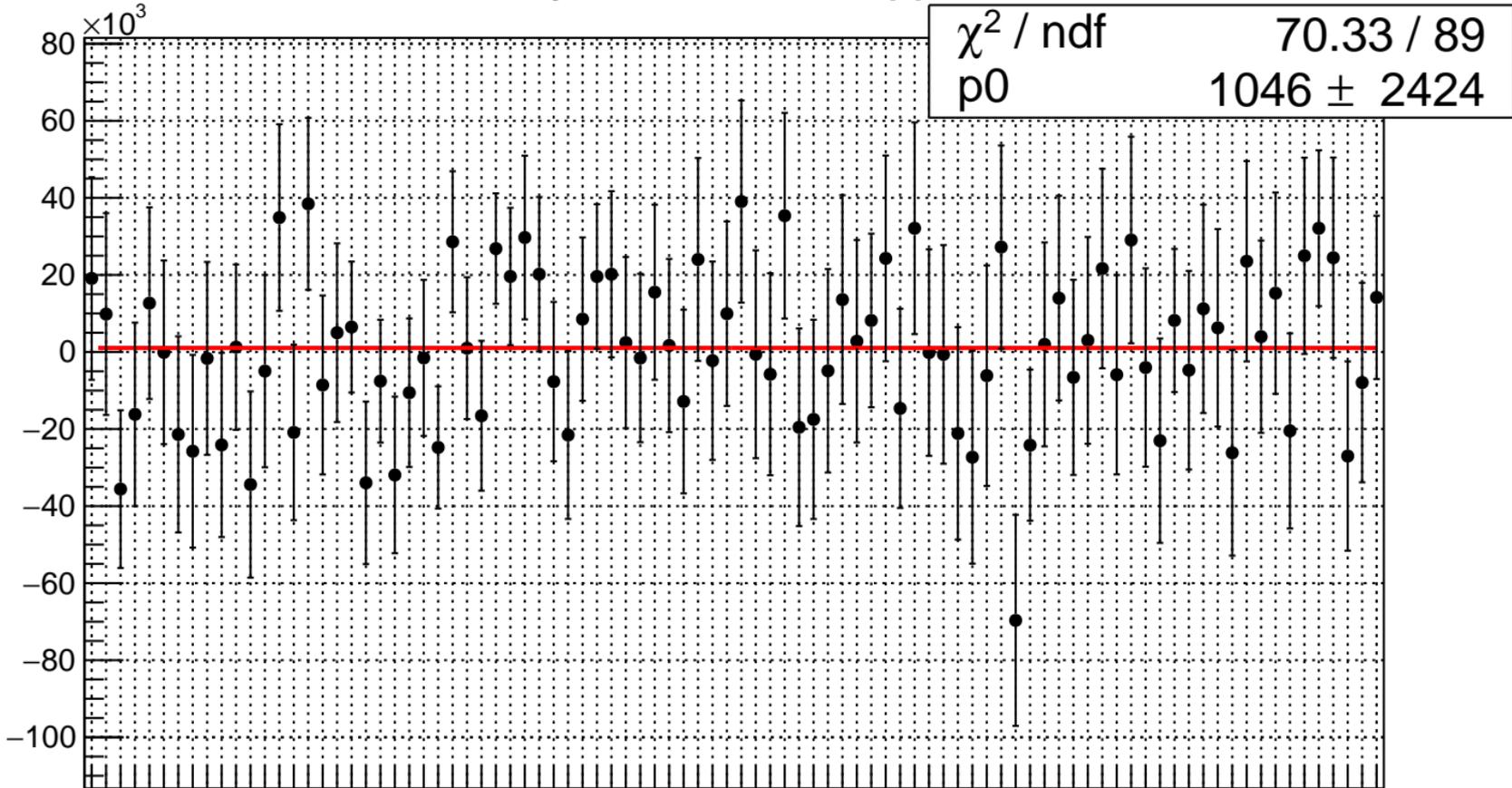
asym_sam7.mean/ppb



0 10 20 30 40 50 60 70 80 89

Run Number

asym_sam8.mean/ppb



0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000

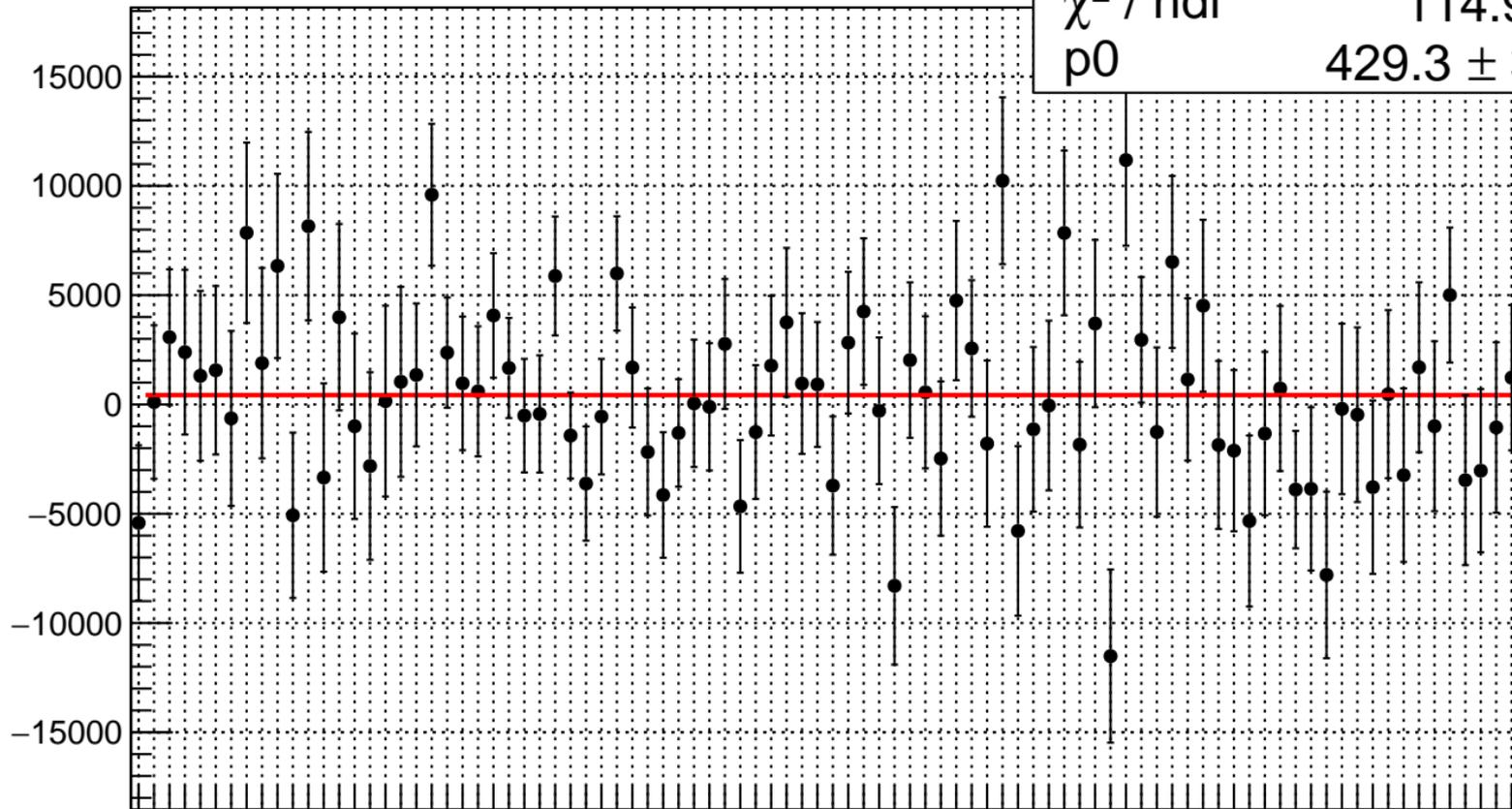
asym_us_avg.mean/ppb

χ^2 / ndf

114.9 / 89

p0

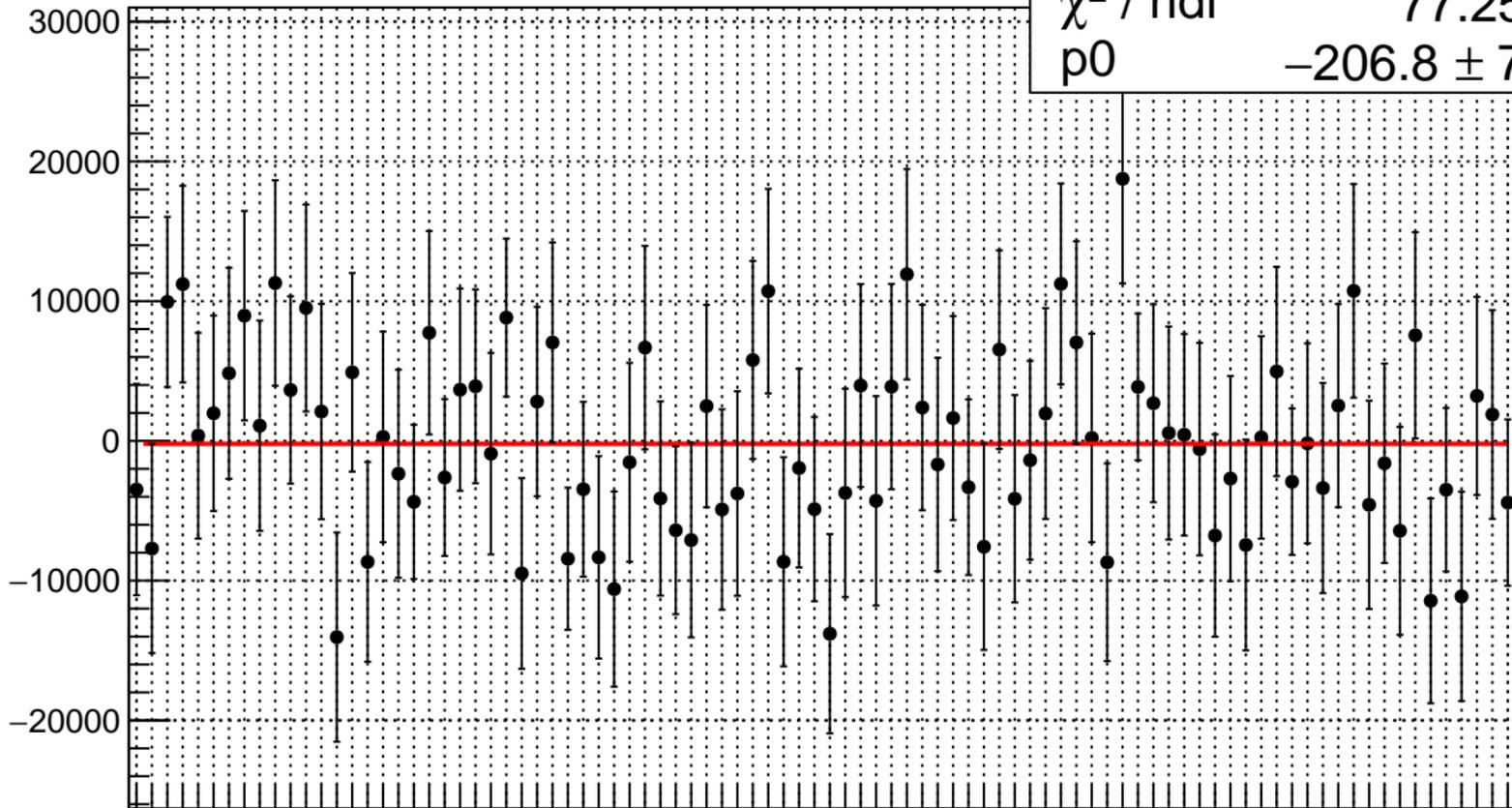
429.3 ± 352.1



0 10 20 30 40 50 60 70 80 90
Run Num

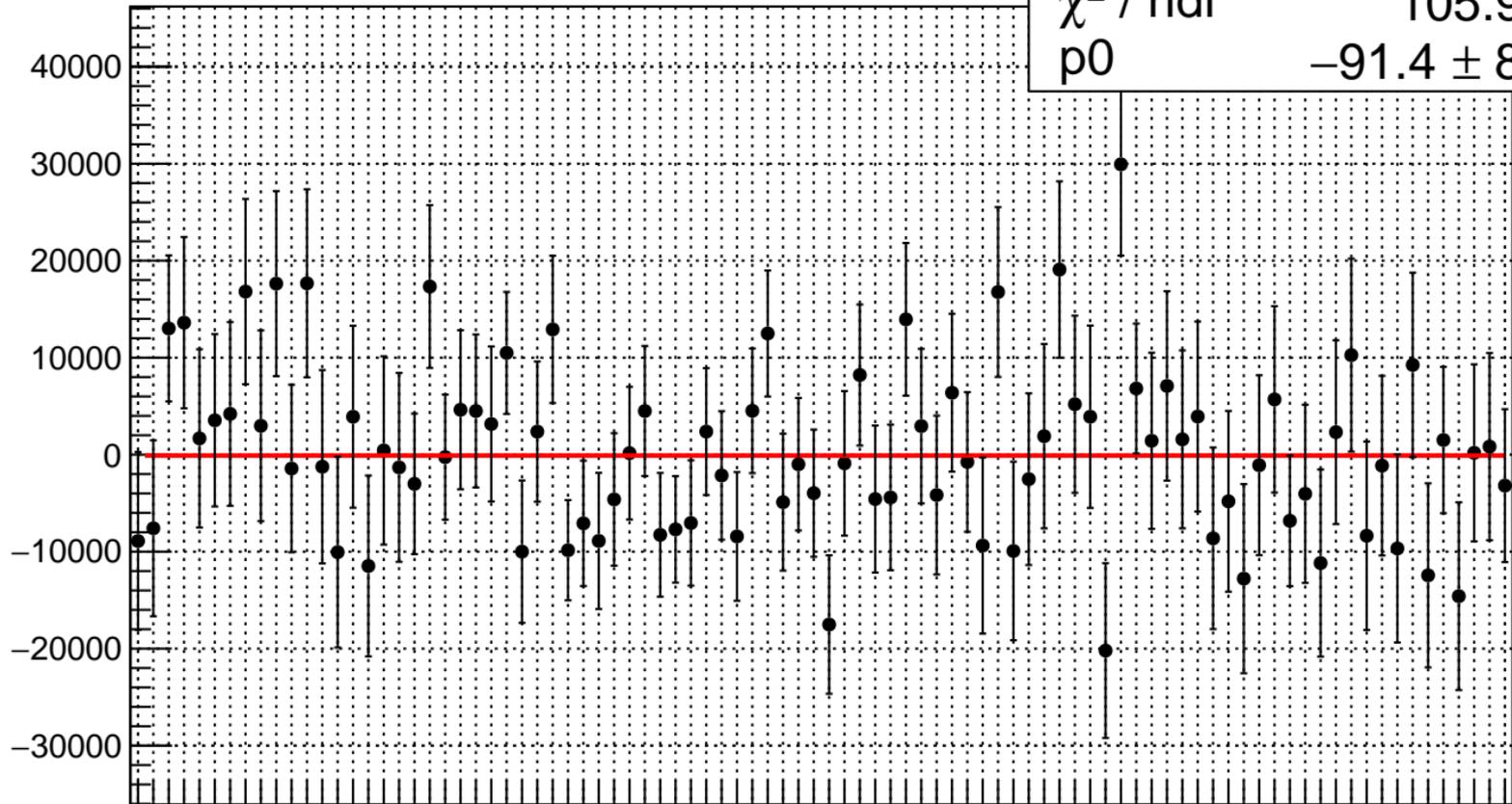
asym_us_dd.mean/ppb

χ^2 / ndf	77.25 / 89
p0	-206.8 \pm 736.5



asym_usl.mean/ppb

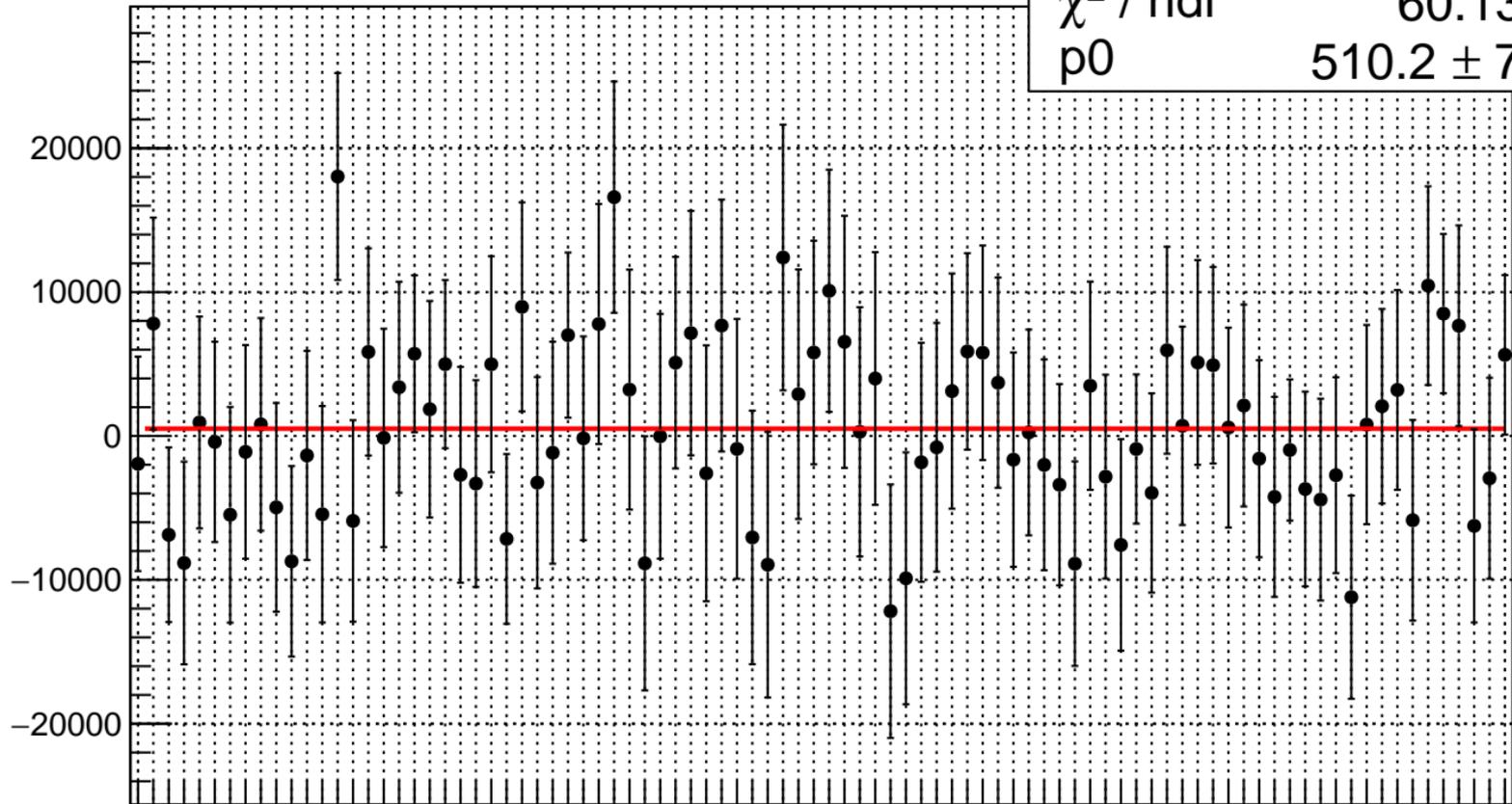
χ^2 / ndf 105.9 / 89
p0 -91.4 ± 842.4



Run: 4140

asym_usr.mean/ppb

χ^2 / ndf 60.13 / 89
p0 510.2 ± 757.5

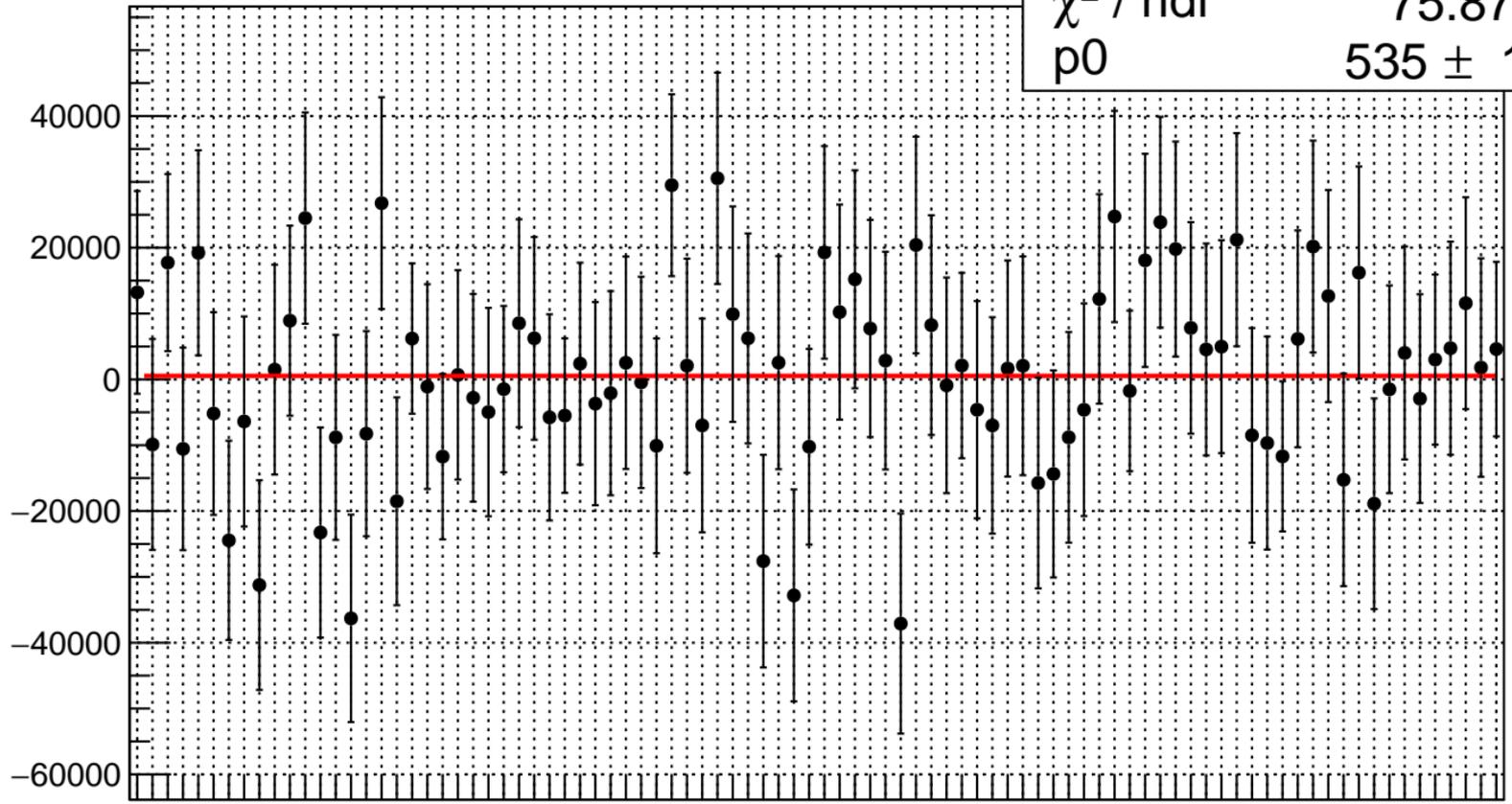


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

Run 4140

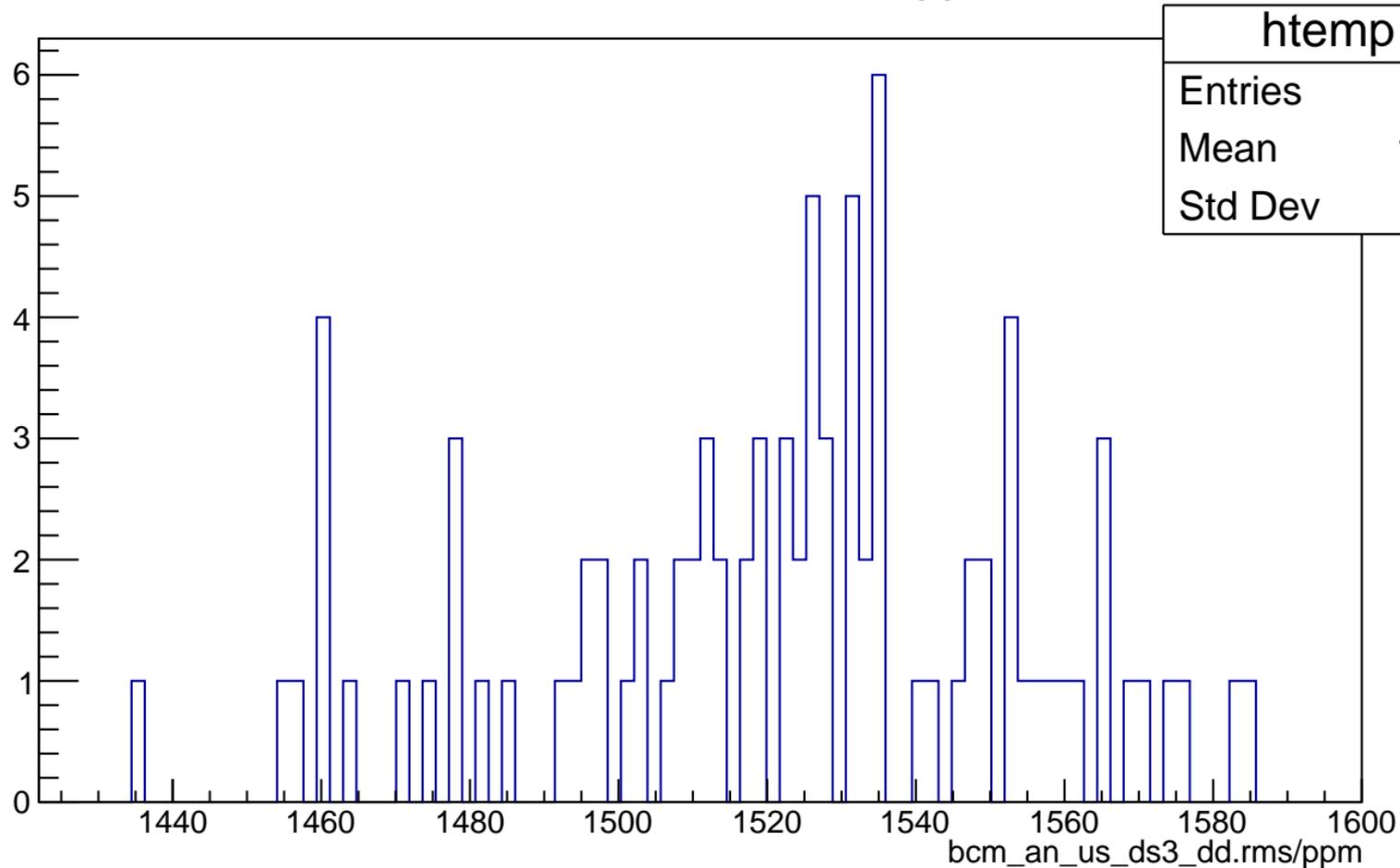
bcm_an_us_ds3_dd.mean/ppb

χ^2 / ndf	75.87 / 89
p0	535 ± 1625

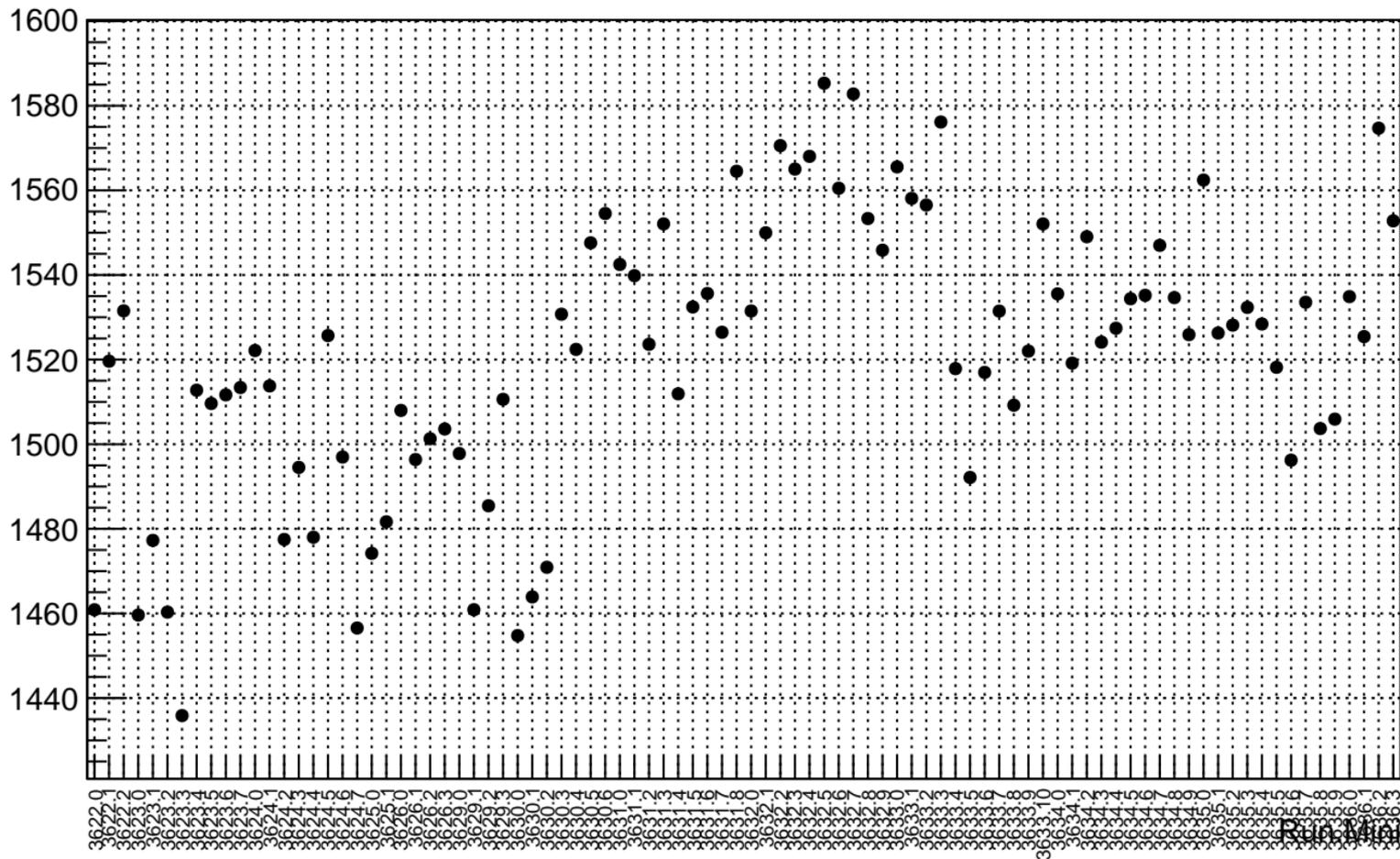


Run Num

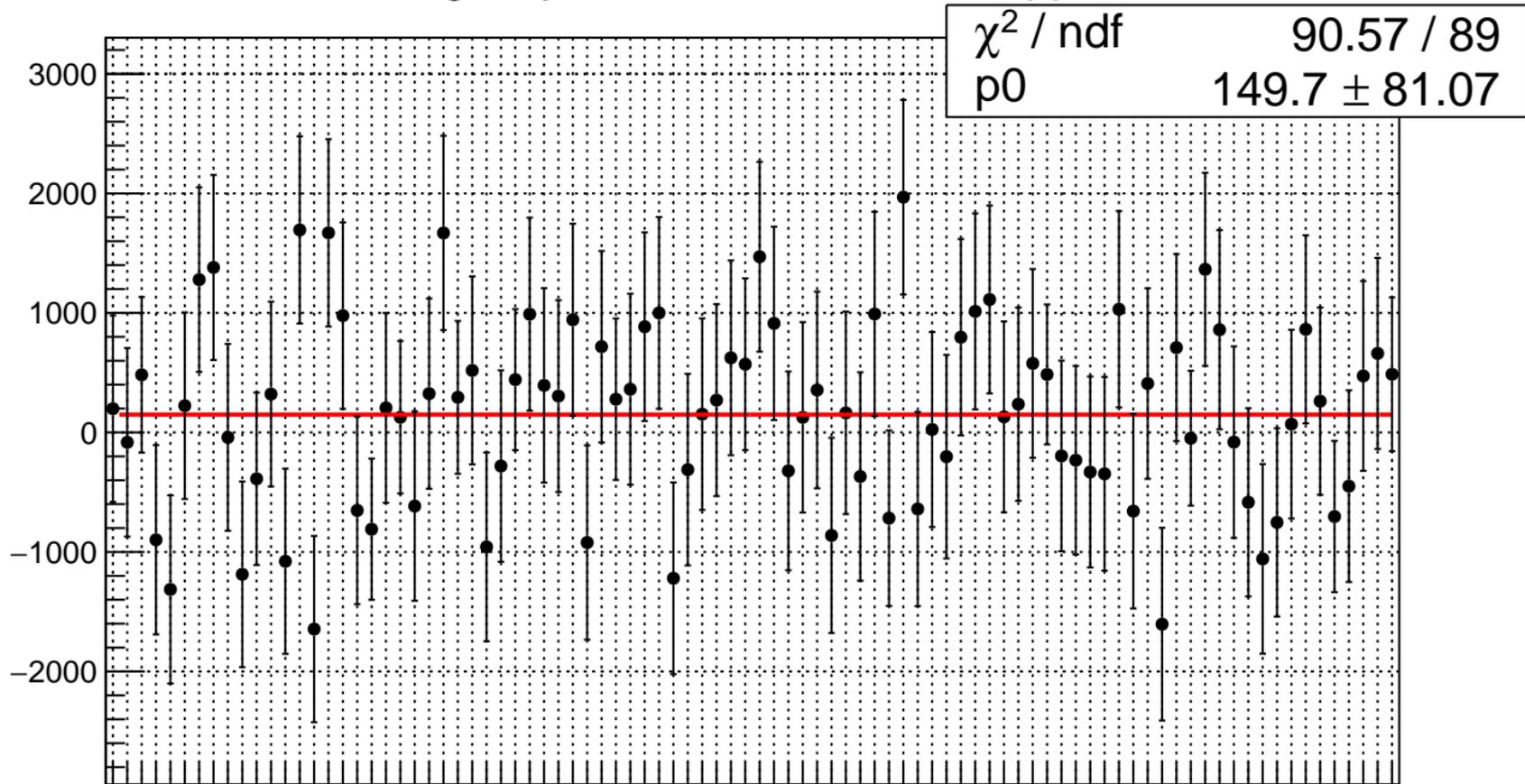
bcm_an_us_ds3_dd.rms/ppm



bcm_an_us_ds3_dd.rms/ppm

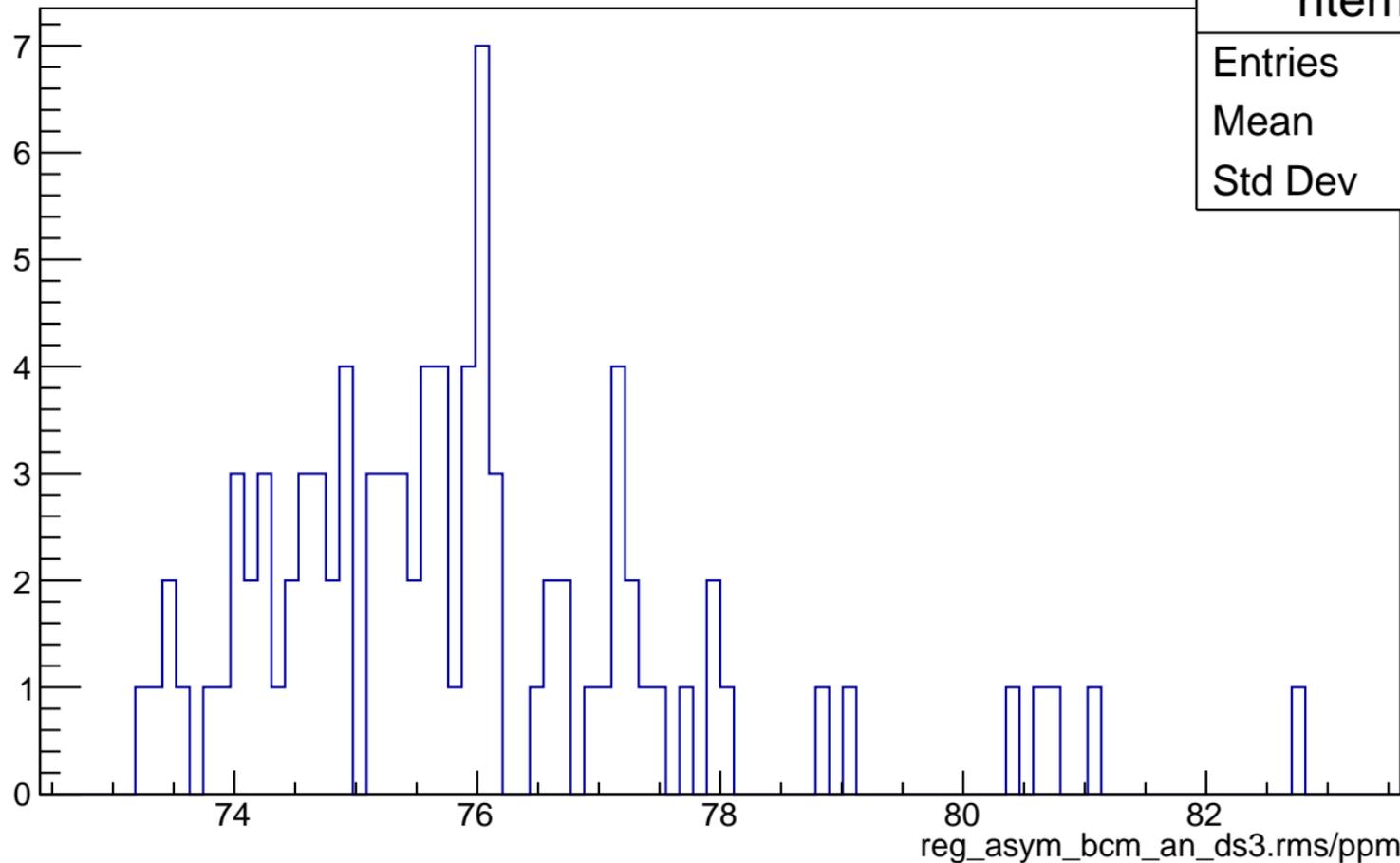


reg_asym_bcm_an_ds3.mean/ppb



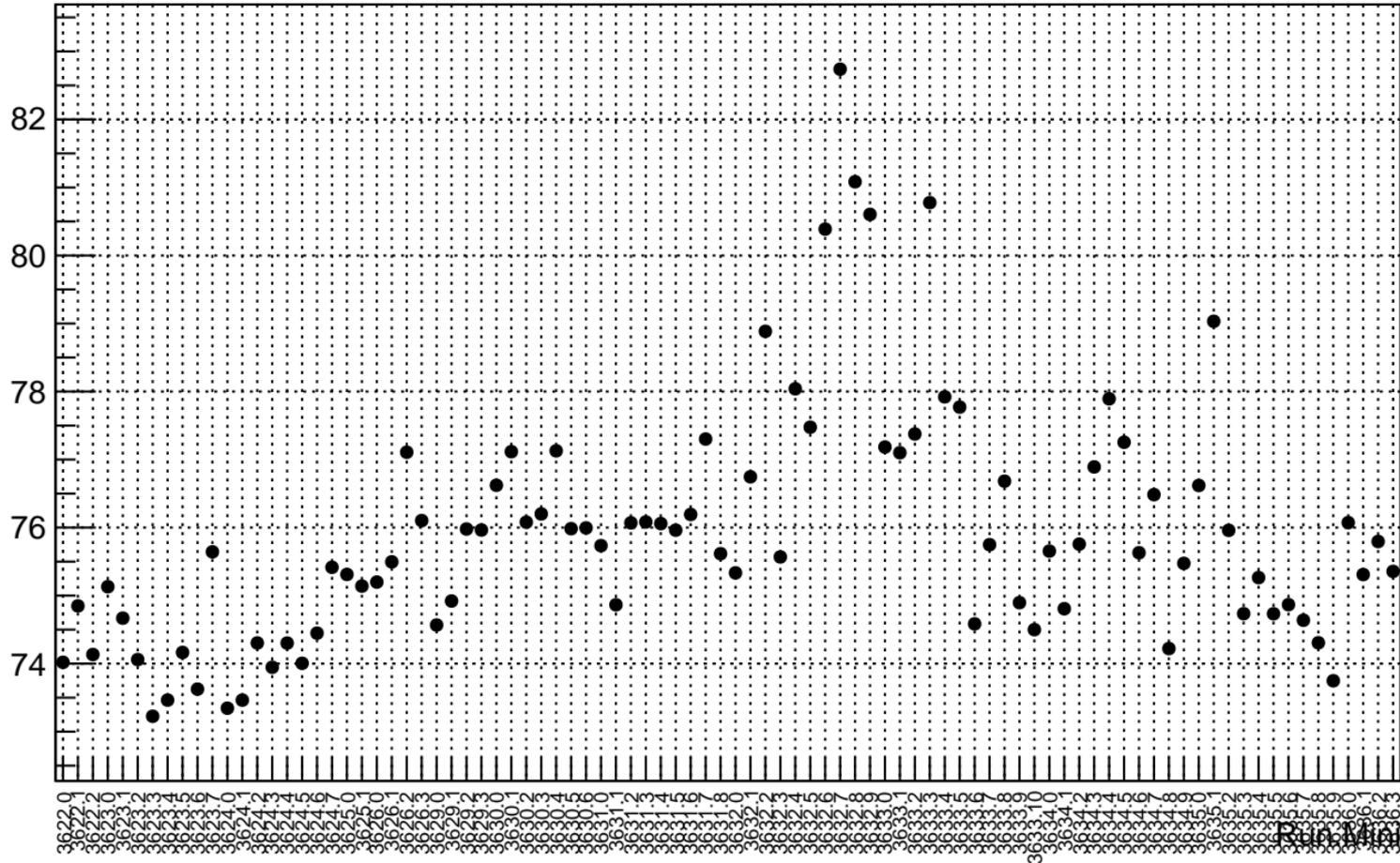
Run 3414

reg_asym_bcm_an_ds3.rms/ppm



htemp	
Entries	90
Mean	75.92
Std Dev	1.78

reg_asym_bcm_an_ds3.rms/ppm



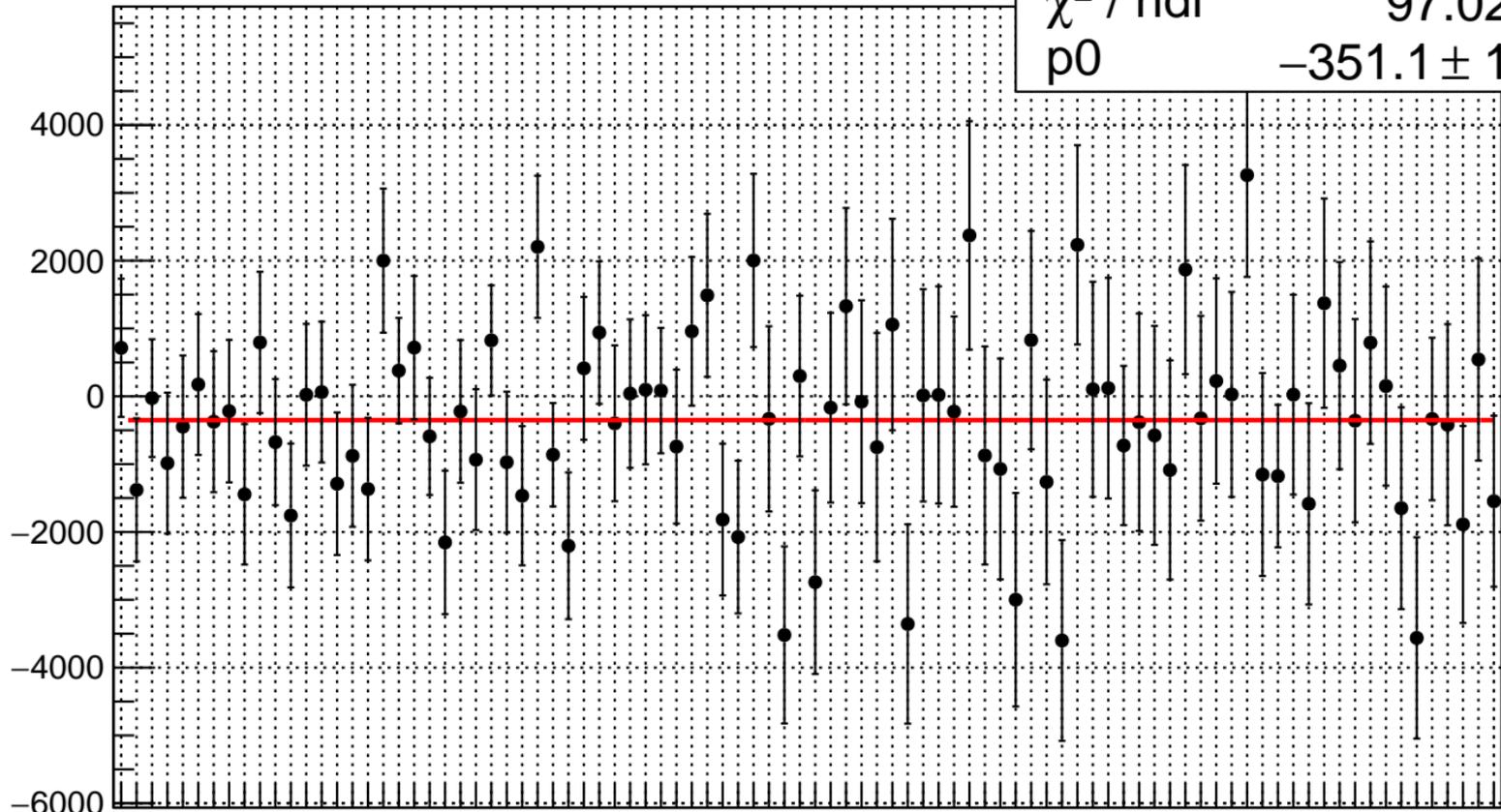
reg_asym_ds_avg.mean/ppb

χ^2 / ndf

97.02 / 89

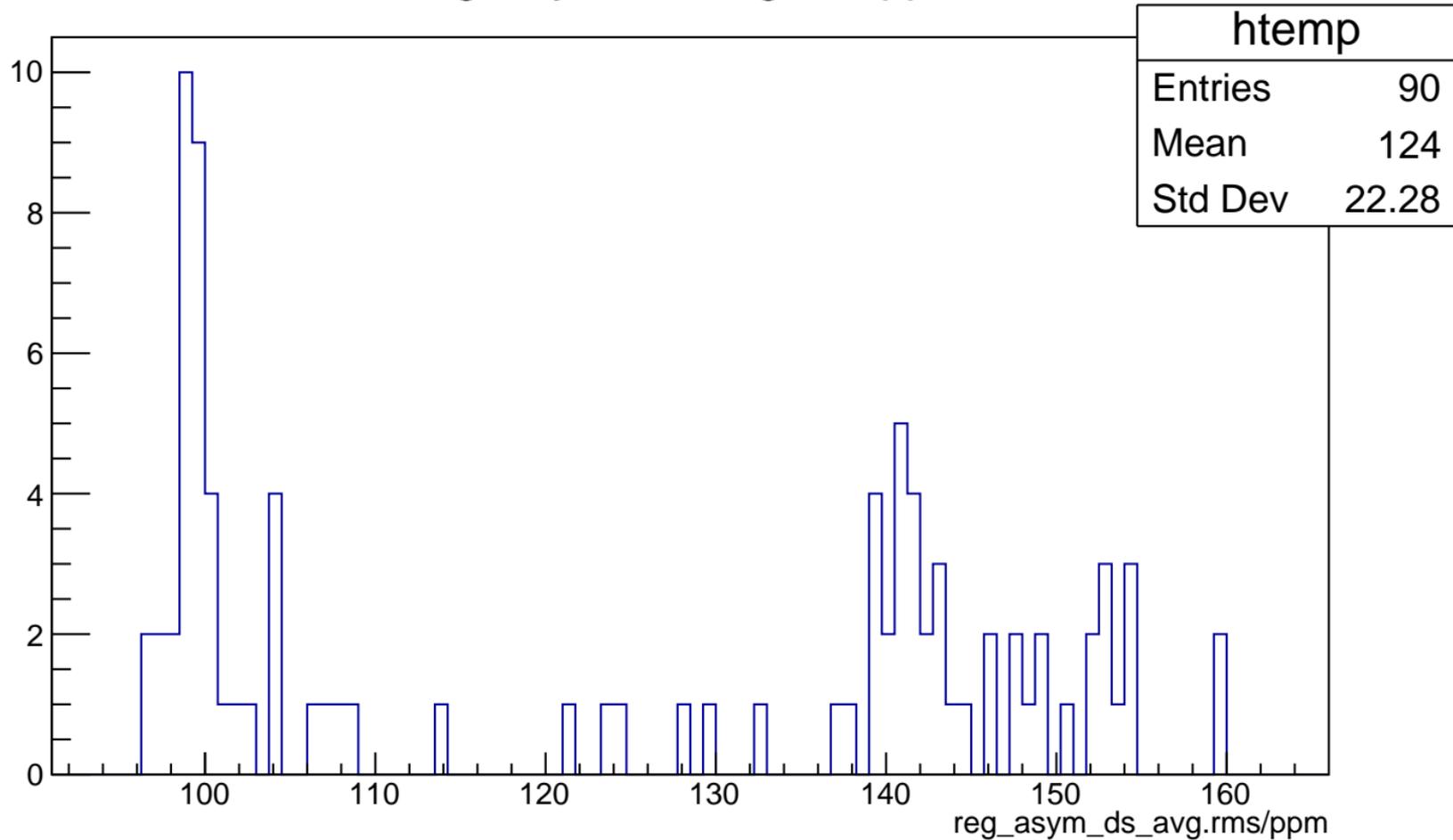
p0

-351.1 ± 125.9

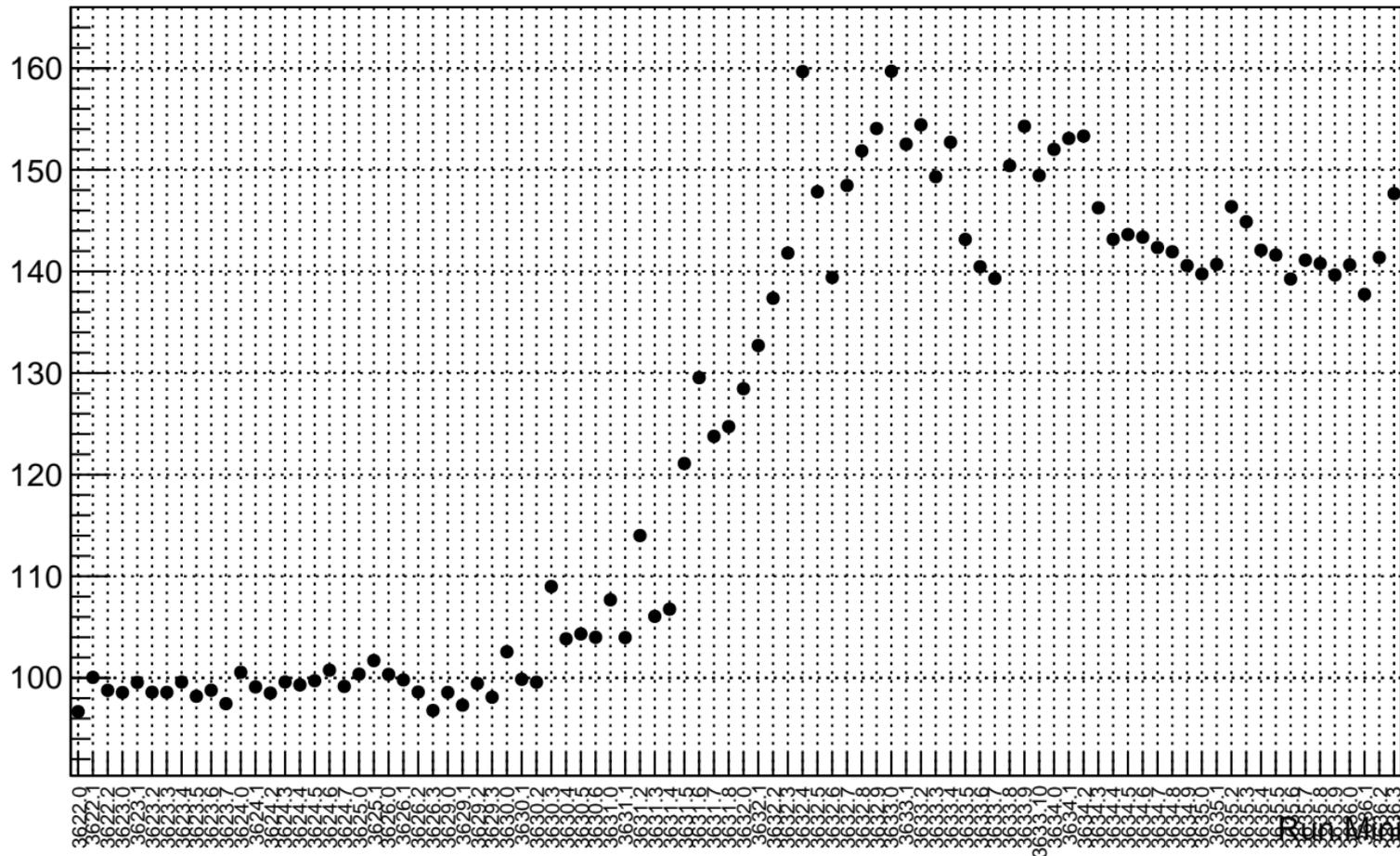


Run Num

reg_asym_ds_avg.rms/ppm

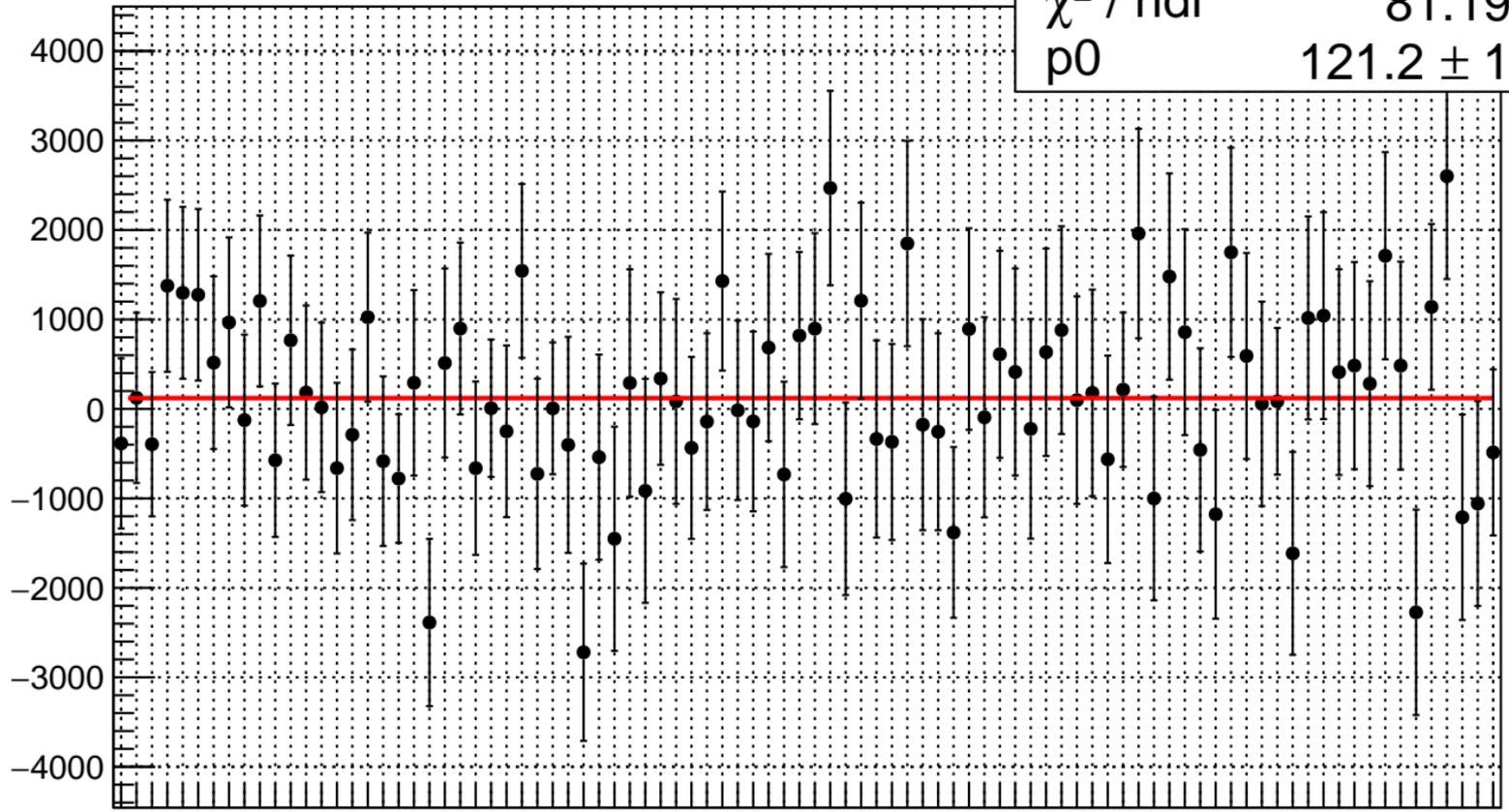


reg_asym_ds_avg.rms/ppm

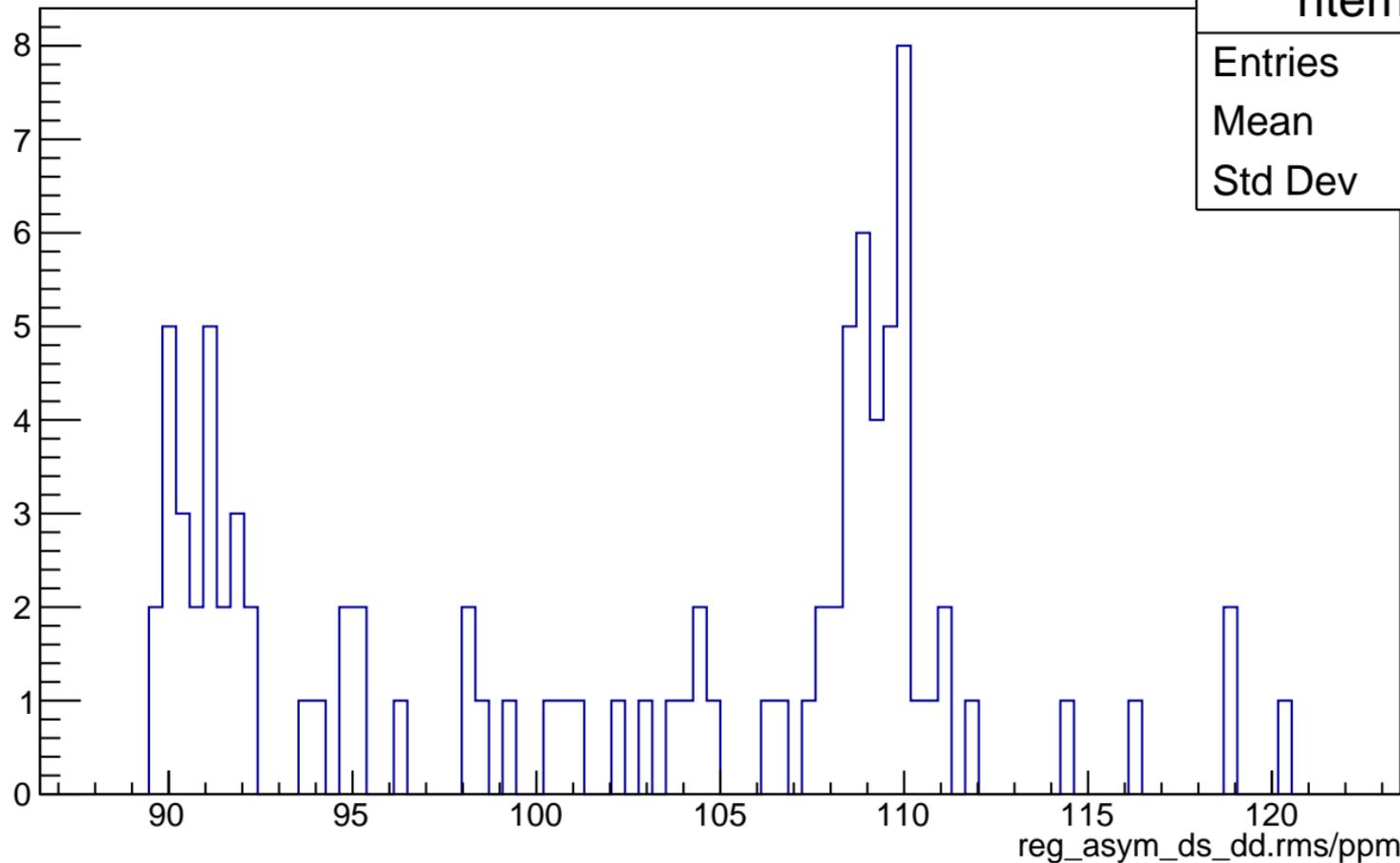


reg_asym_ds_dd.mean/ppb

χ^2 / ndf 81.19 / 89
p0 121.2 ± 108.3

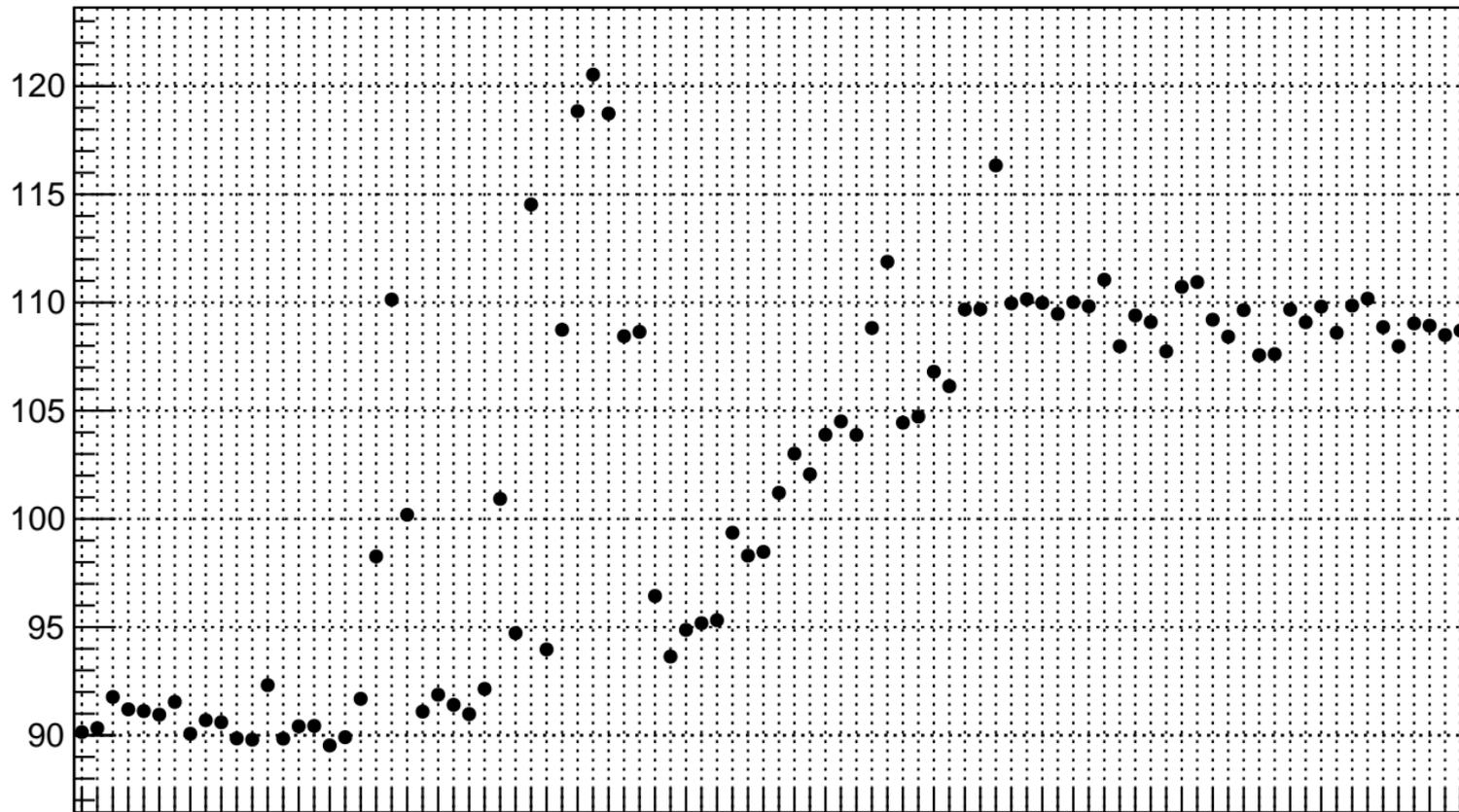


reg_asym_ds_dd.rms/ppm

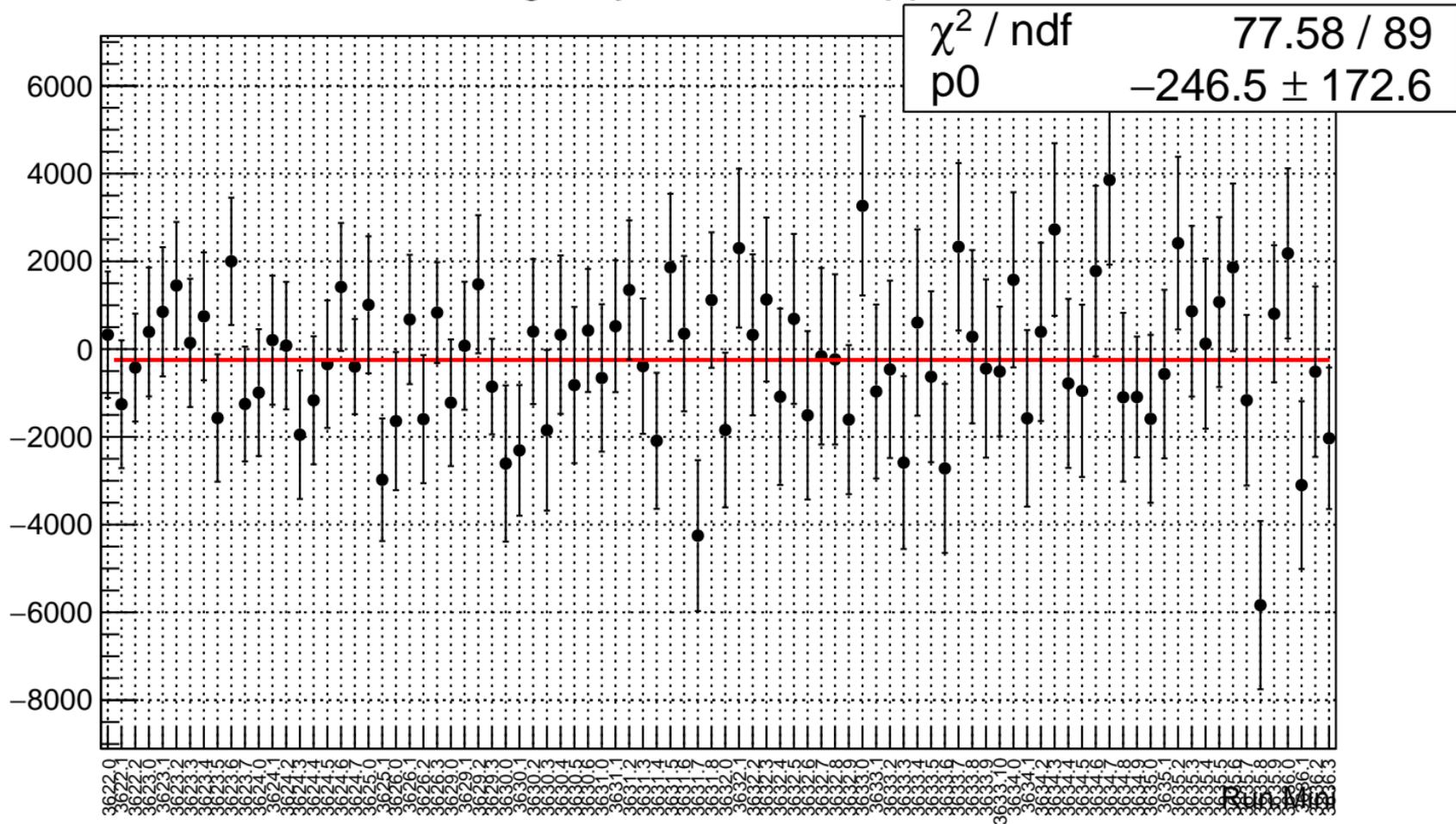


htemp	
Entries	90
Mean	102.5
Std Dev	8.701

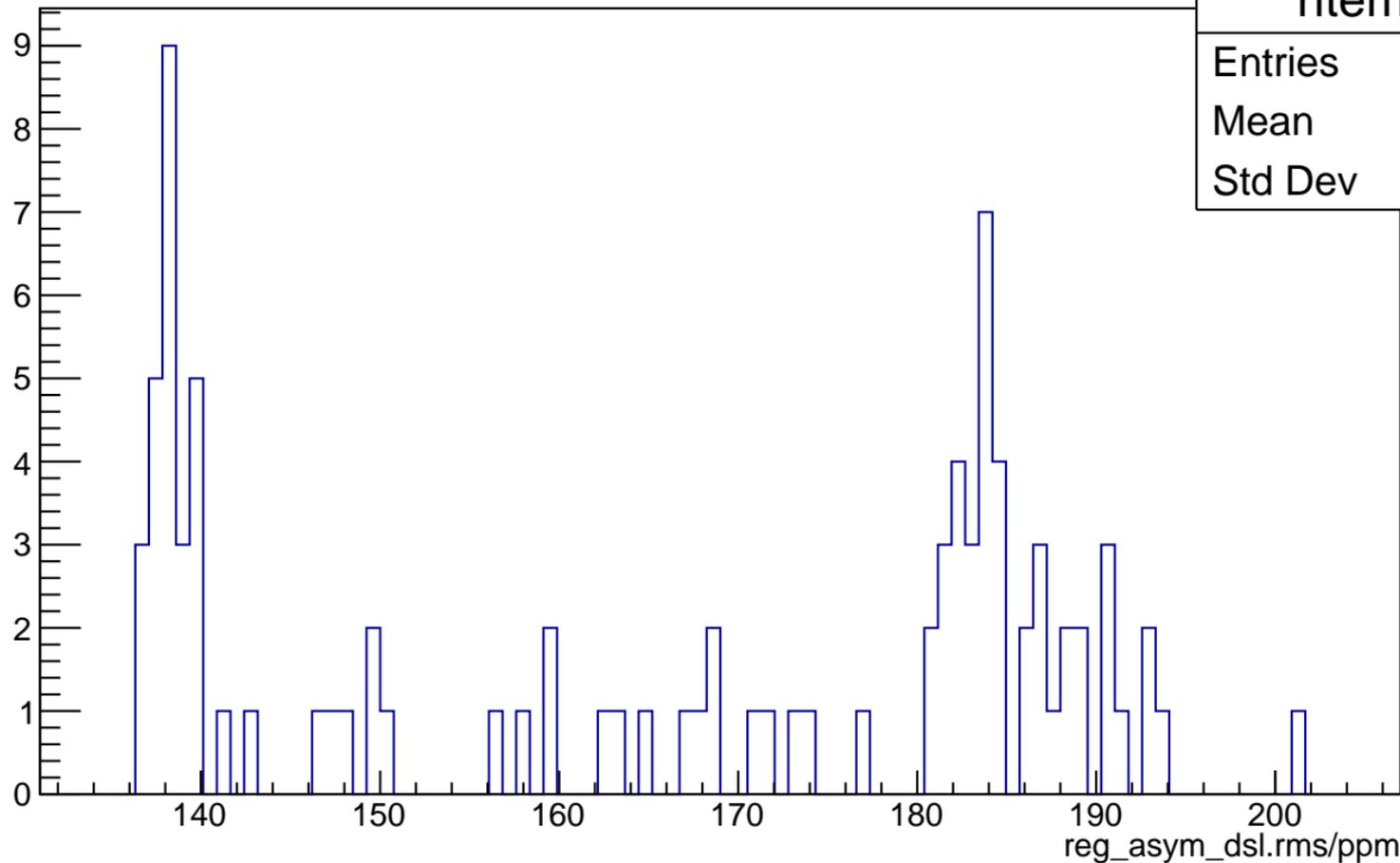
reg_asym_ds_dd.rms/ppm



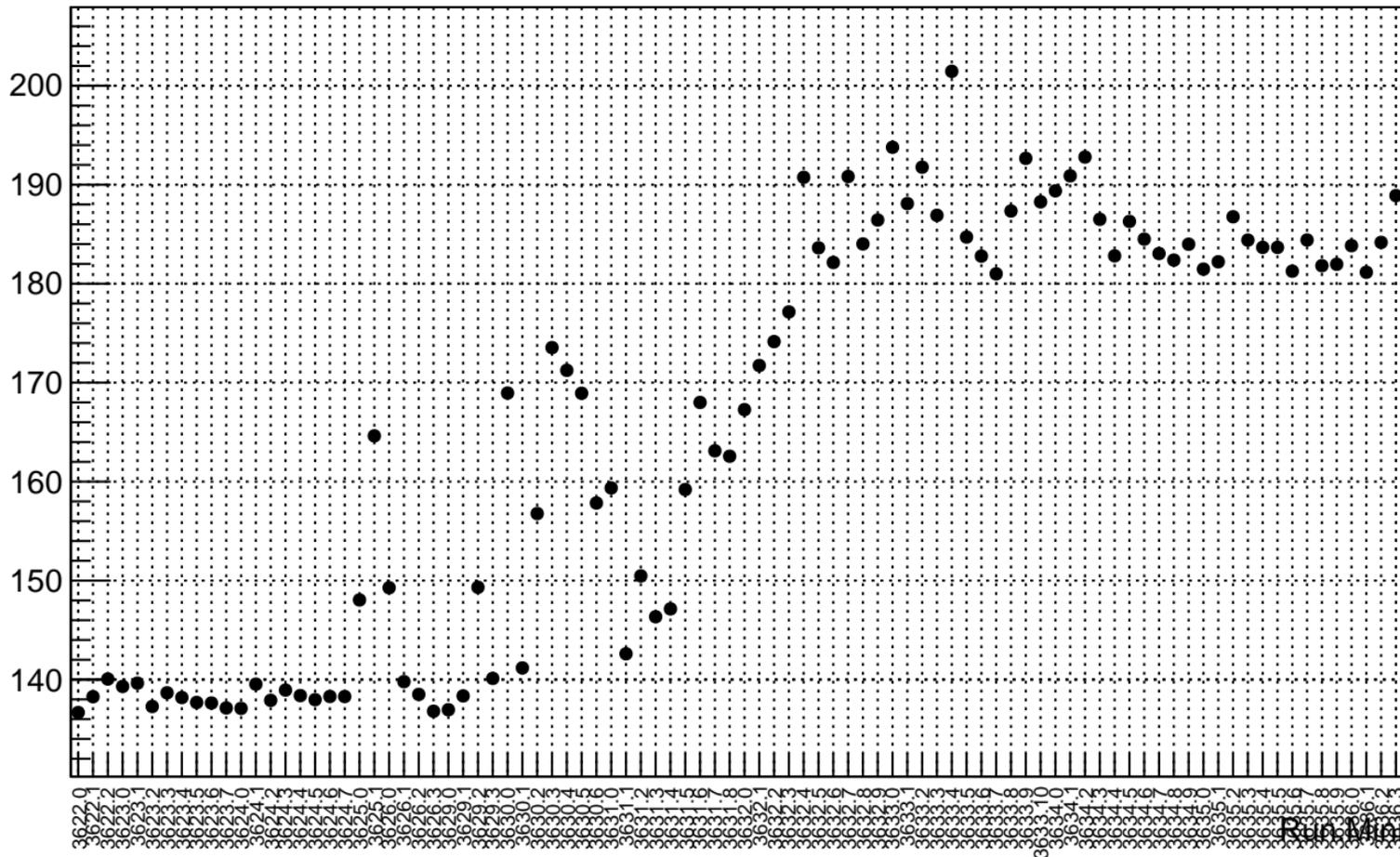
reg_asym_dsl.mean/ppb



reg_asym_dsl.rms/ppm

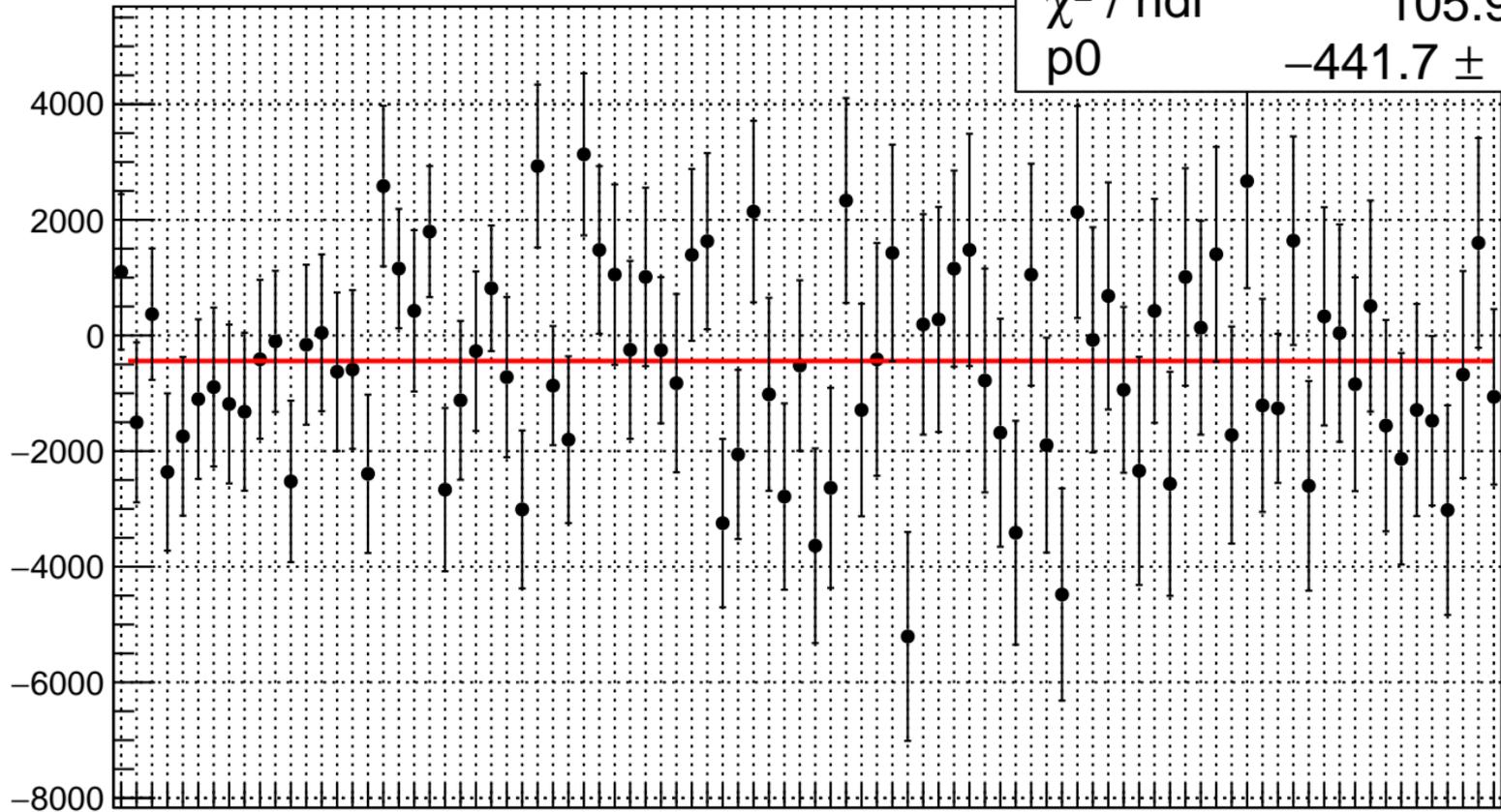


reg_asym_dsl.rms/ppm



reg_asym_dsr.mean/ppb

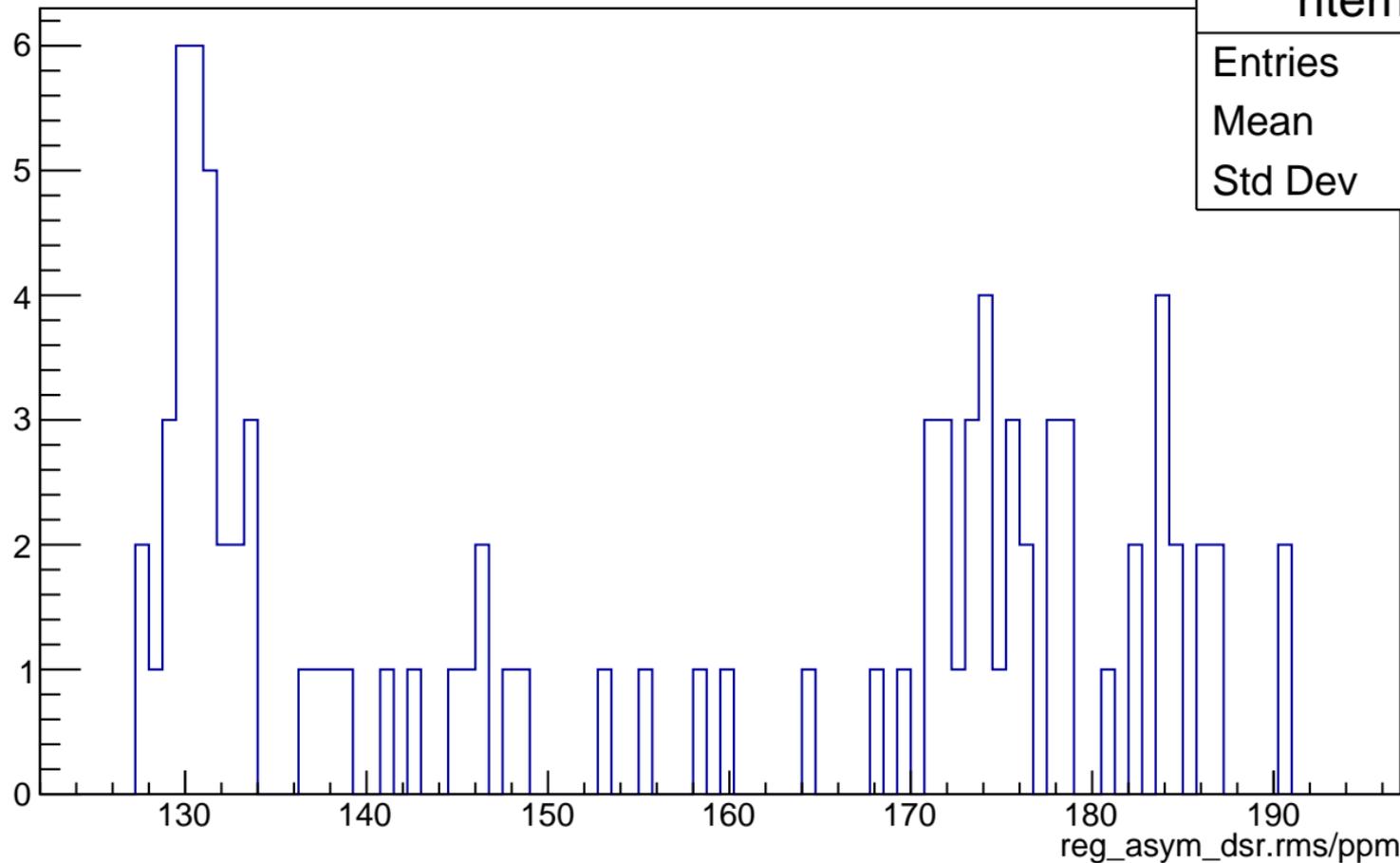
χ^2 / ndf 105.9 / 89
p0 -441.7 ± 162



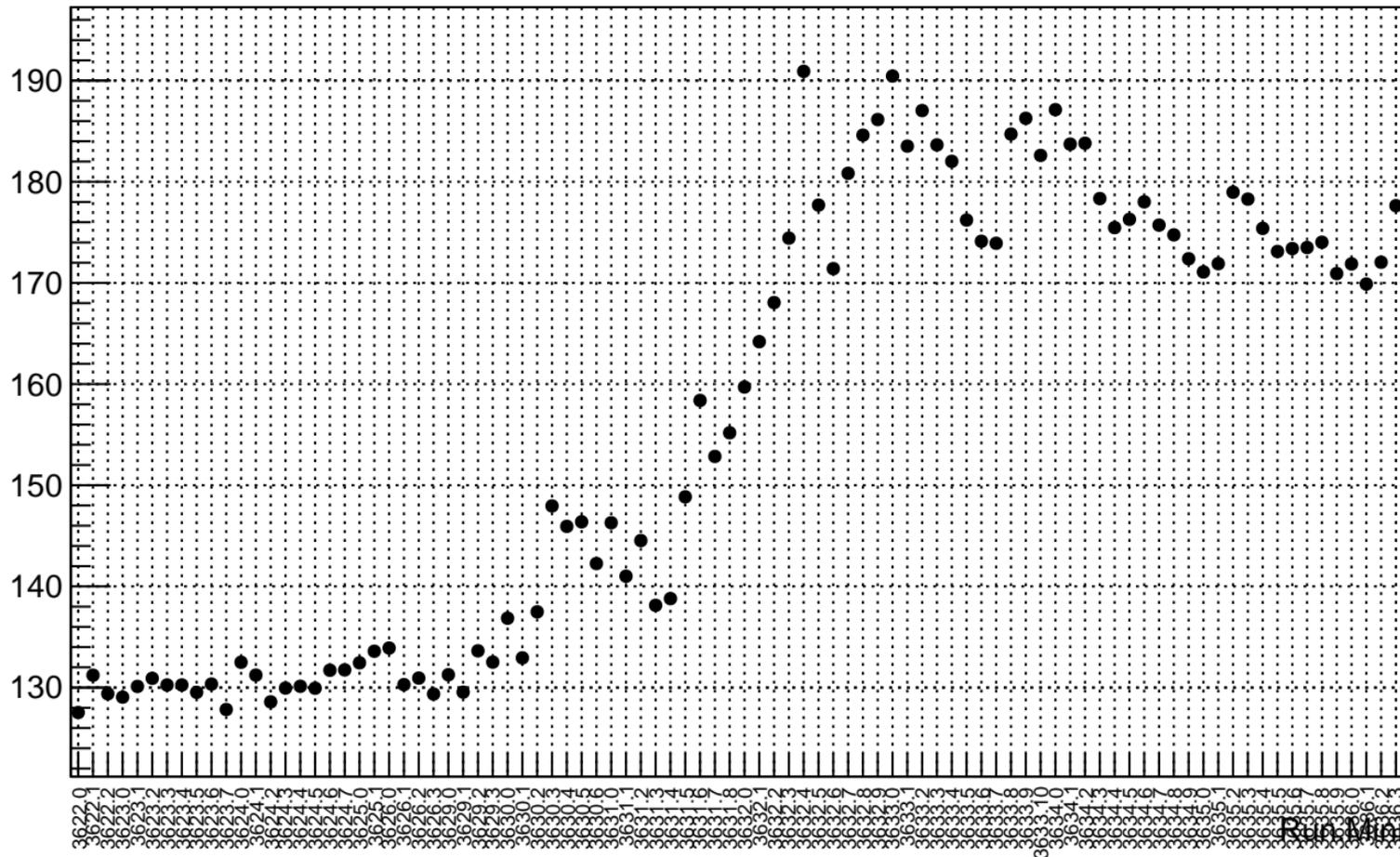
0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900 10000

Run 31

reg_asym_dsr.rms/ppm

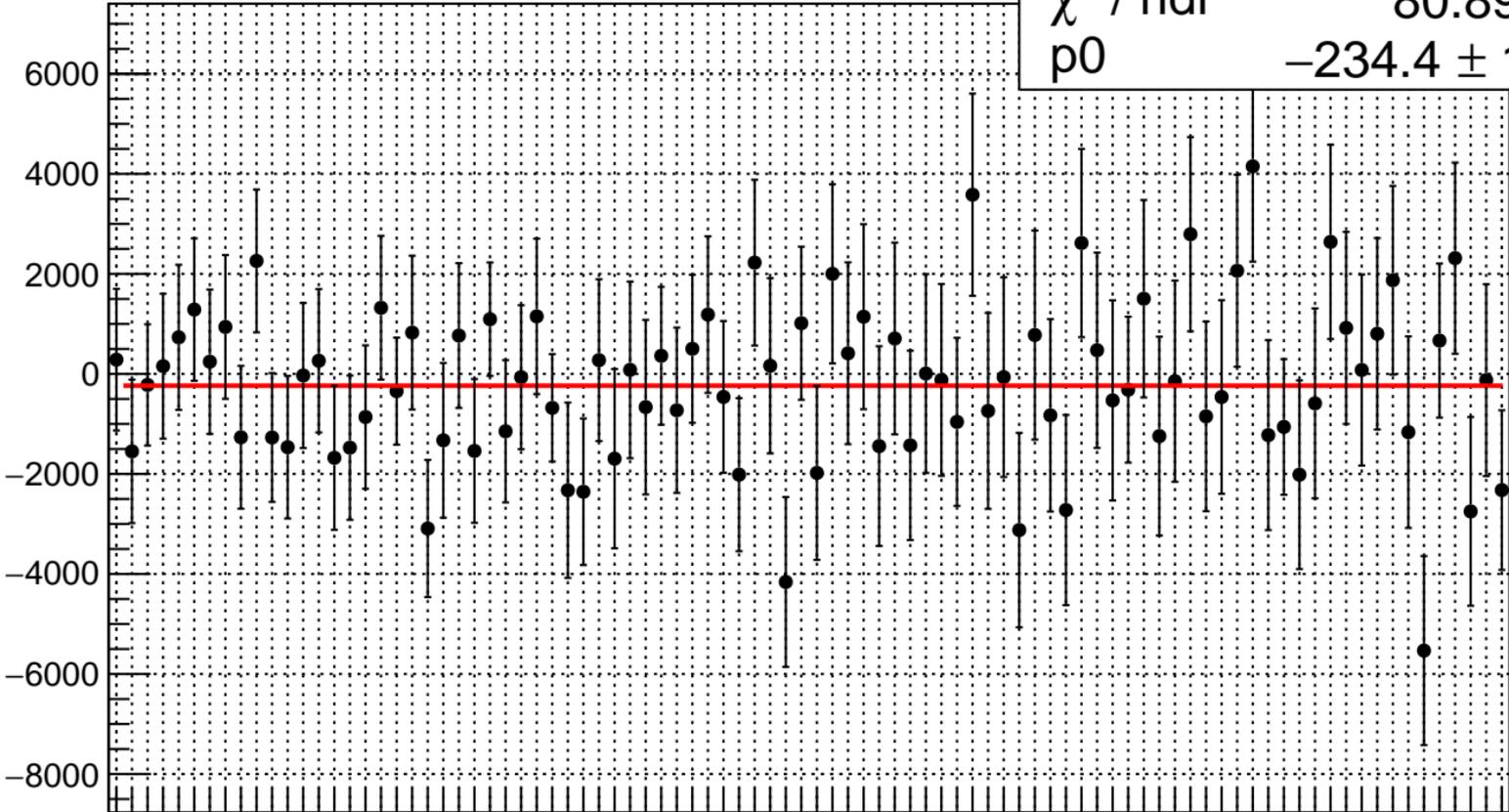


reg_asym_dsr.rms/ppm



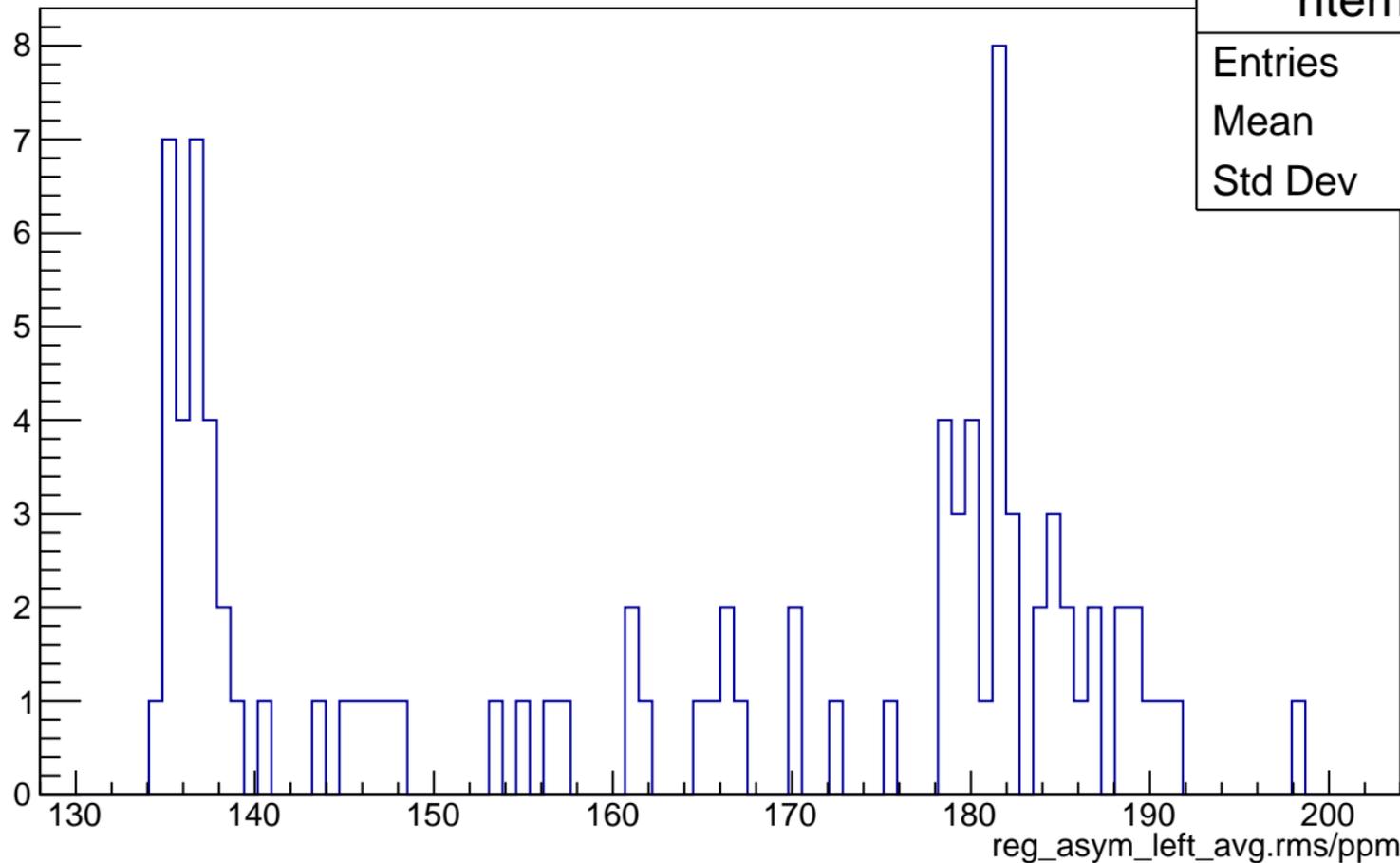
reg_asym_left_avg.mean/ppb

χ^2 / ndf 80.89 / 89
p0 -234.4 ± 170.1

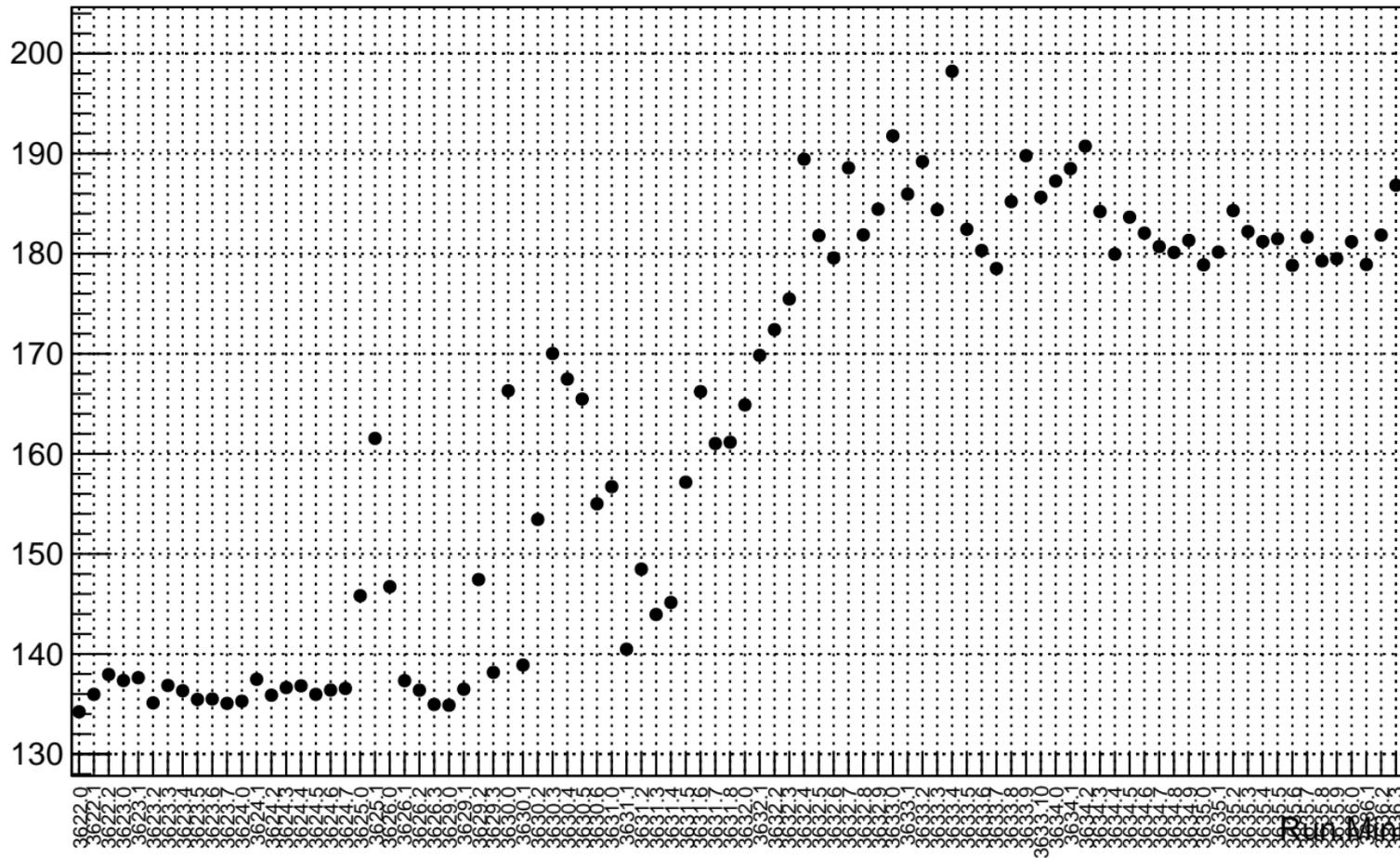


Run Num

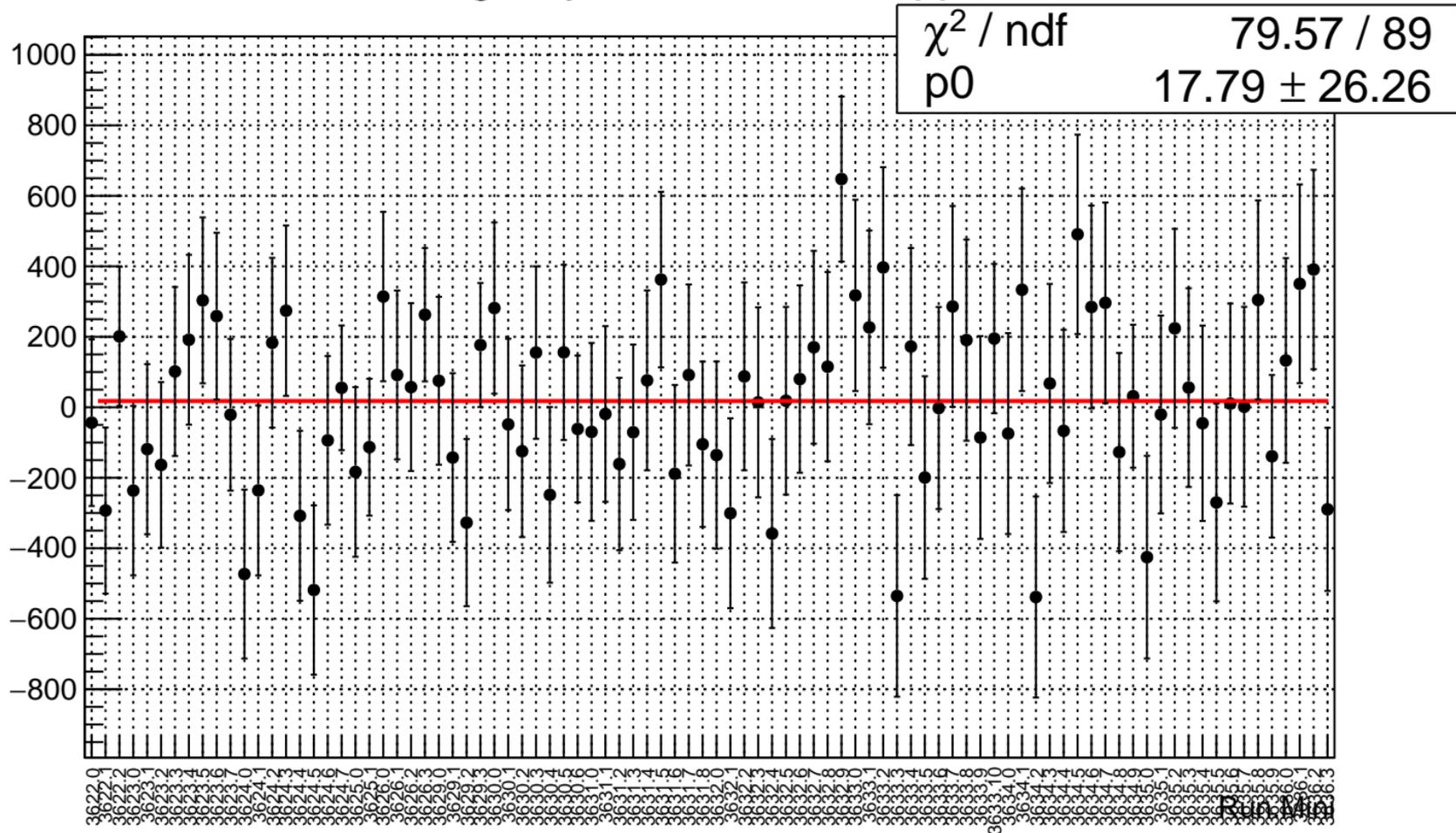
reg_asym_left_avg.rms/ppm



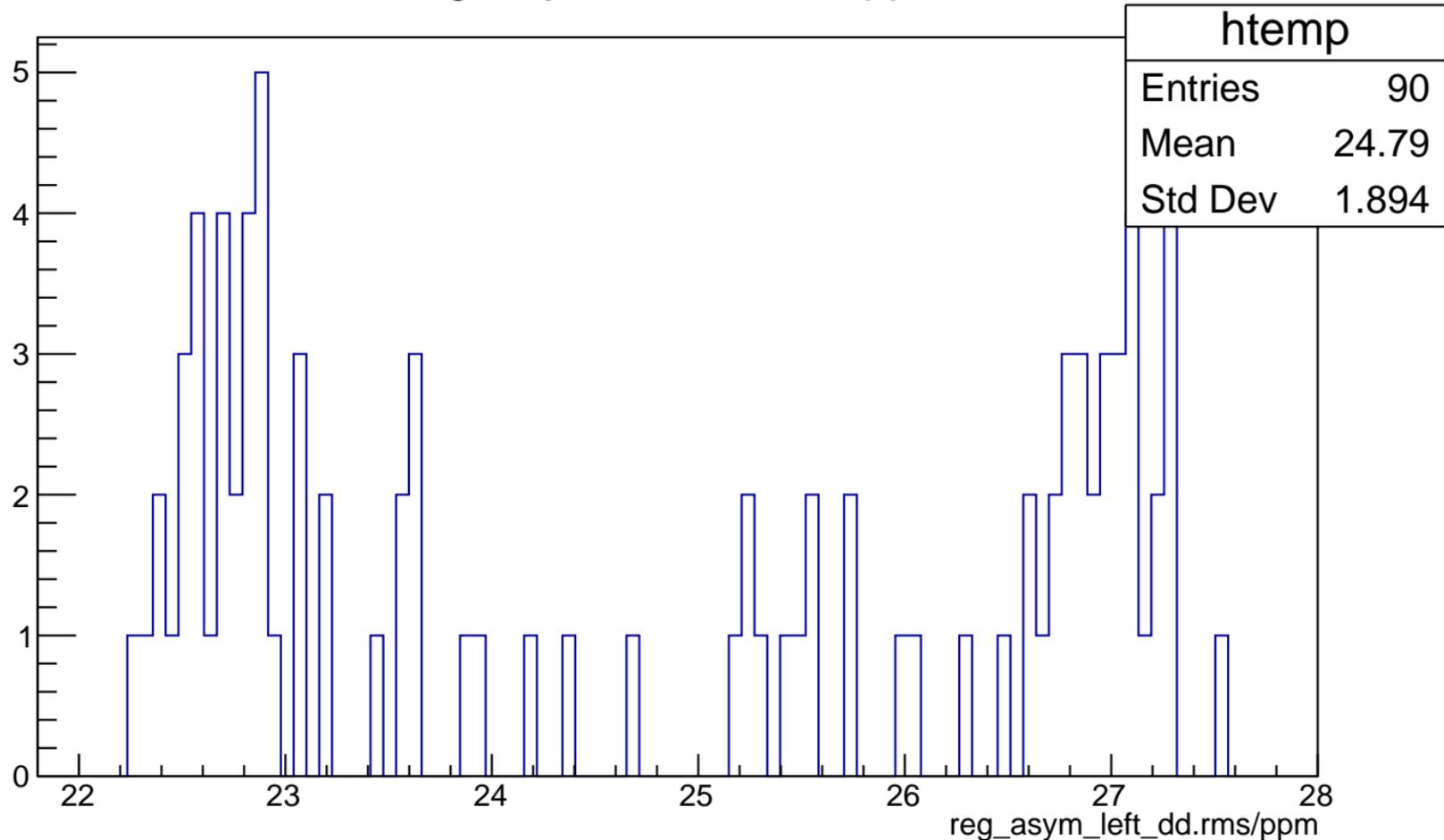
reg_asym_left_avg.rms/ppm



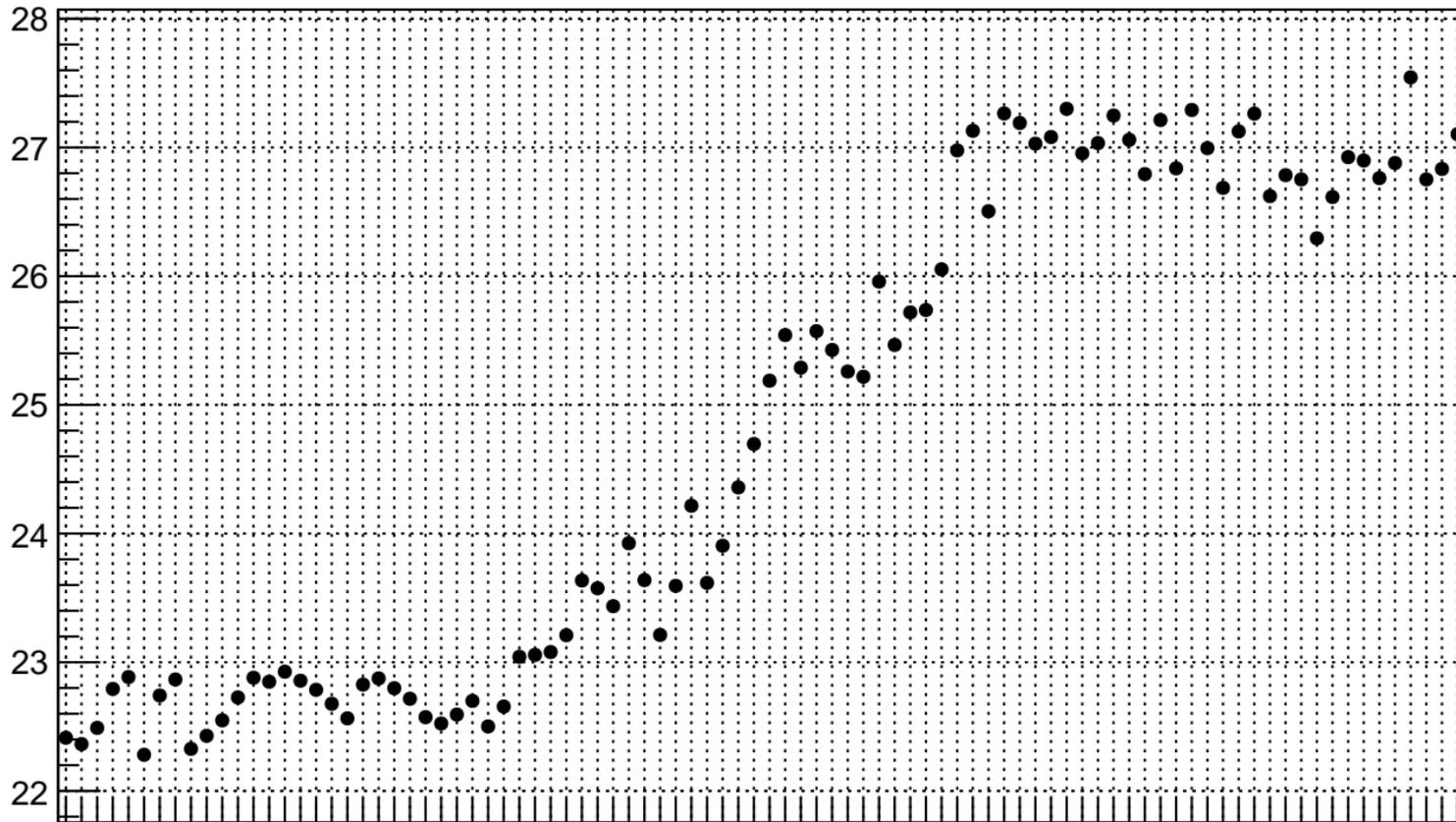
reg_asym_left_dd.mean/ppb



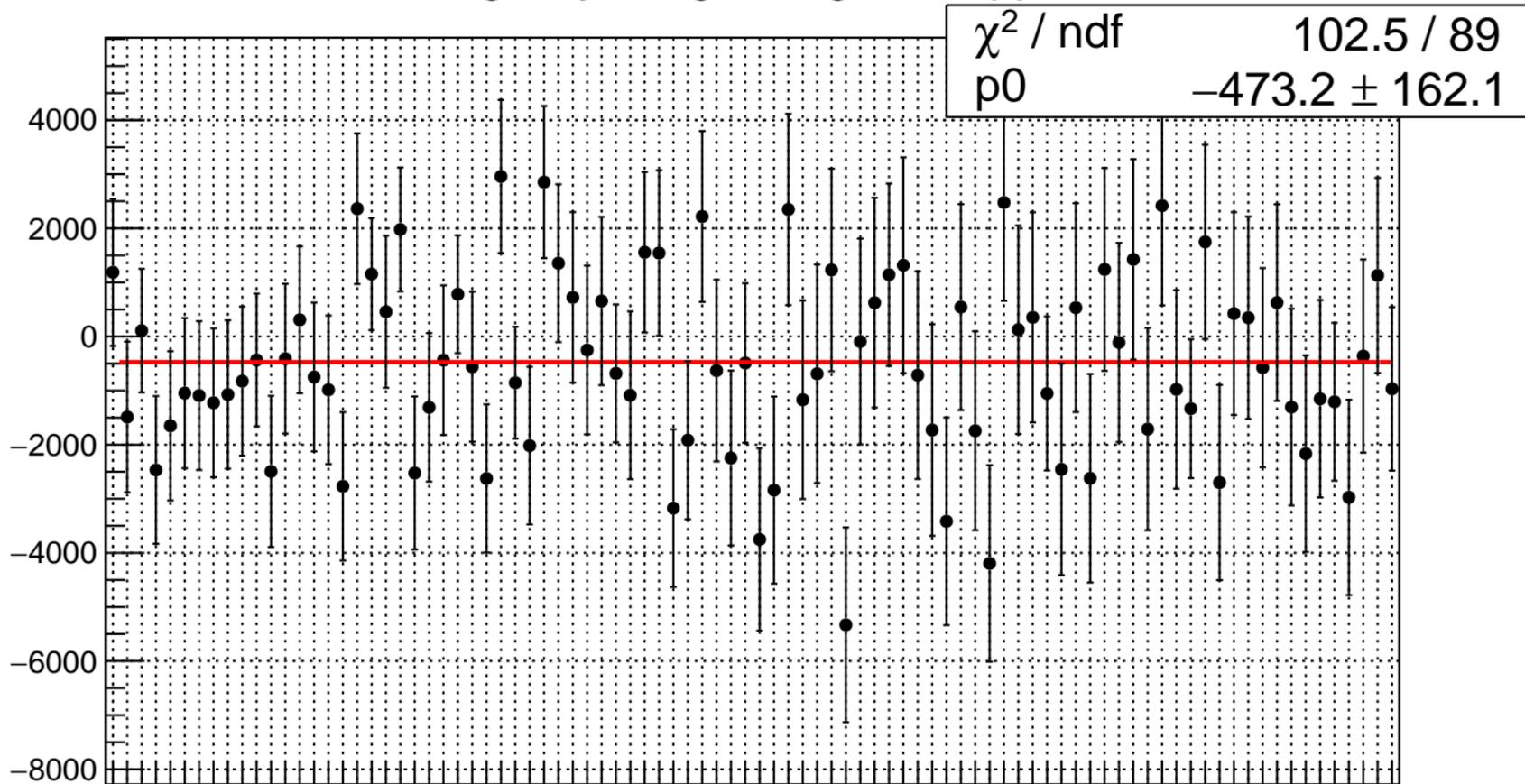
reg_asym_left_dd.rms/ppm



reg_asym_left_dd.rms/ppm

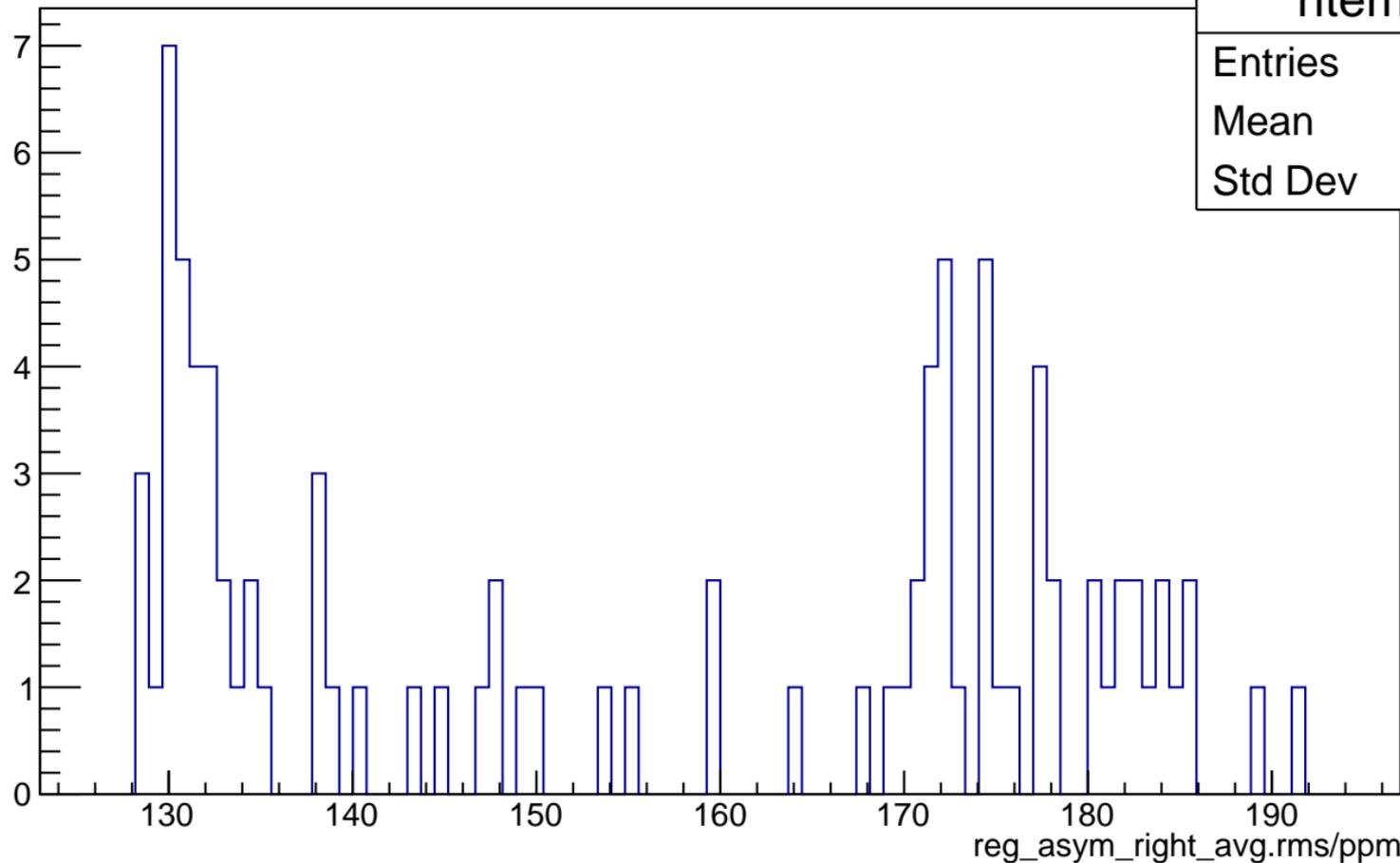


reg_asym_right_avg.mean/ppb

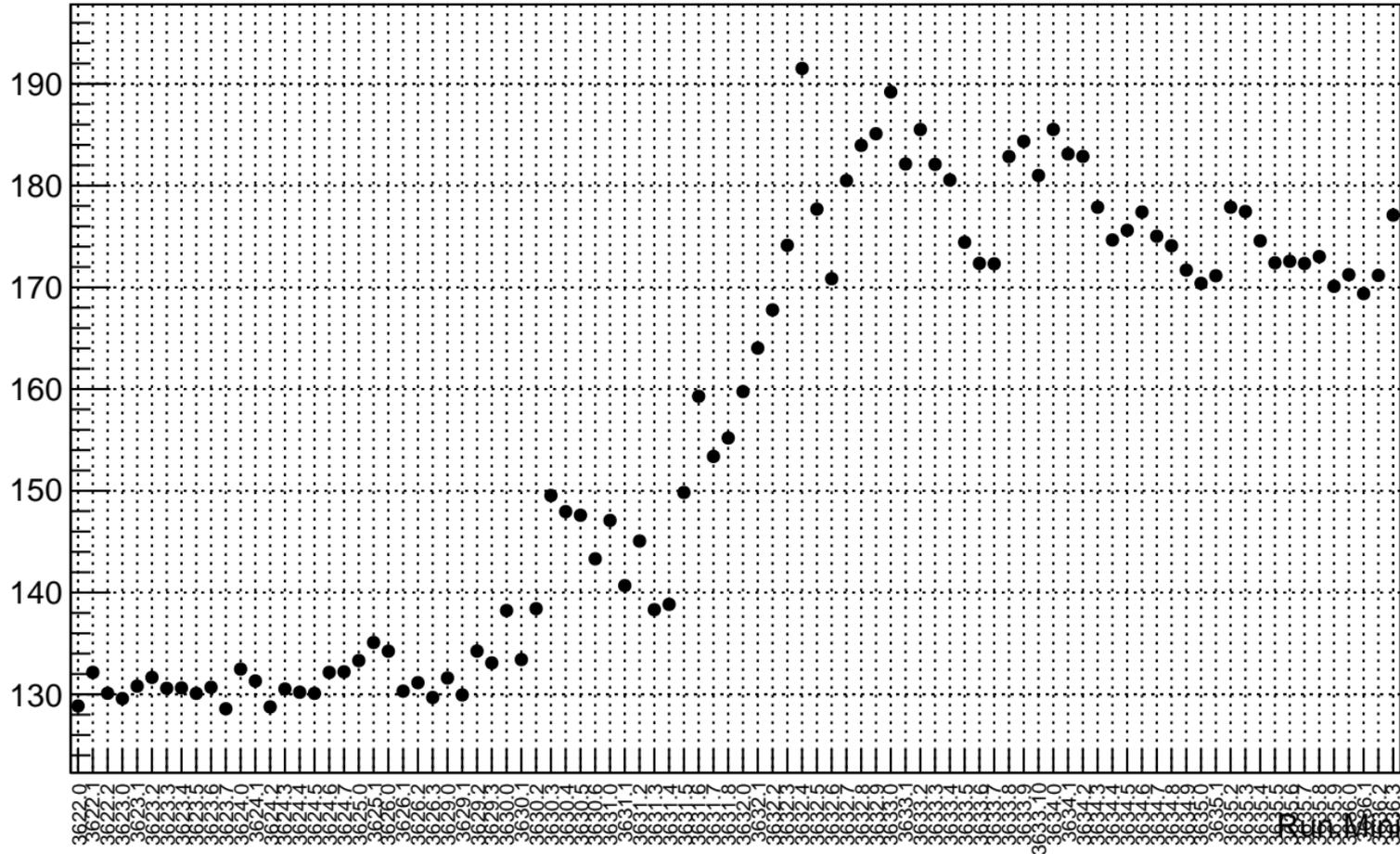


Run 4111

reg_asym_right_avg.rms/ppm

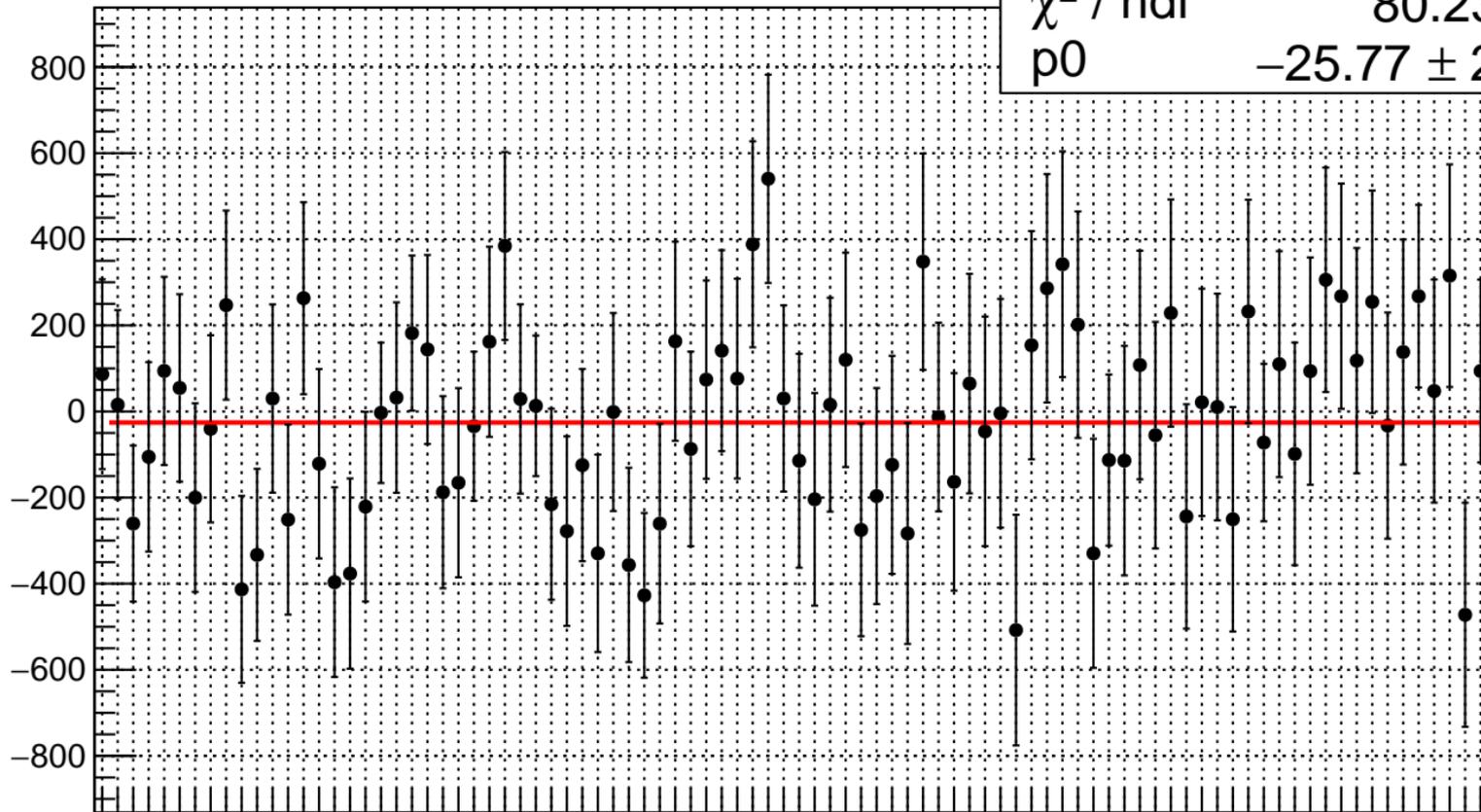


reg_asym_right_avg.rms/ppm



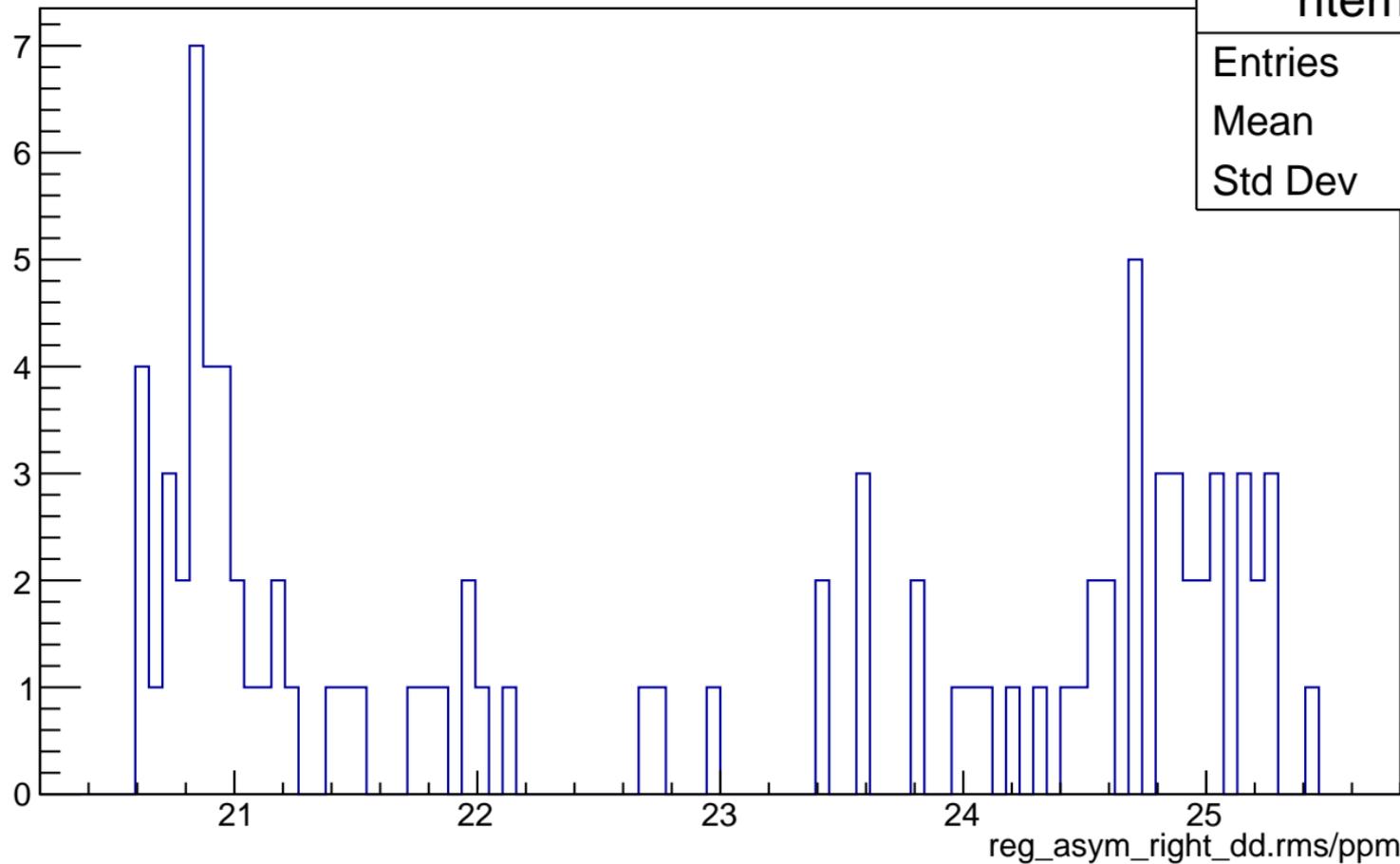
reg_asym_right_dd.mean/ppb

χ^2 / ndf 80.23 / 89
p0 -25.77 ± 24.25

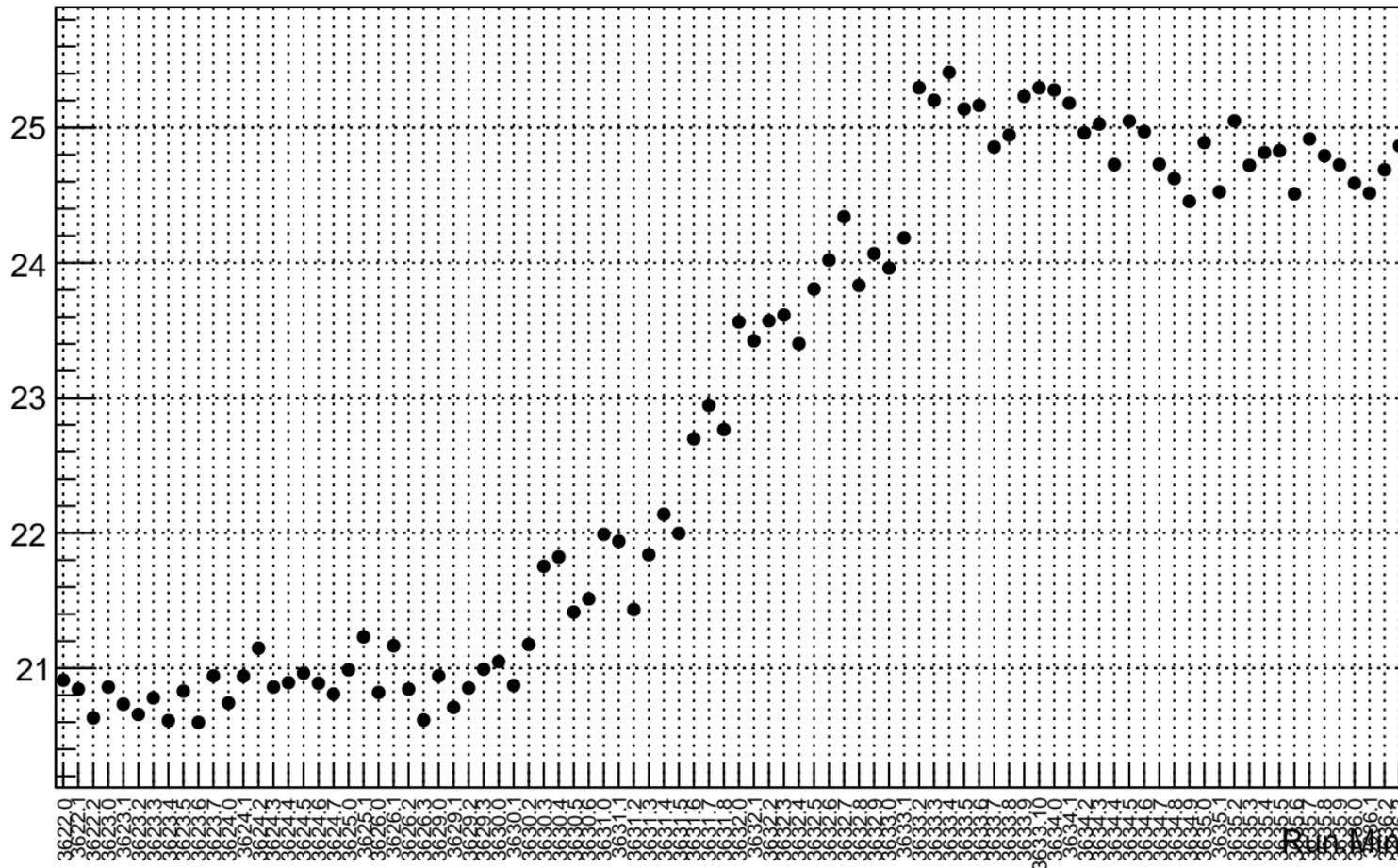


Run Num

reg_asym_right_dd.rms/ppm



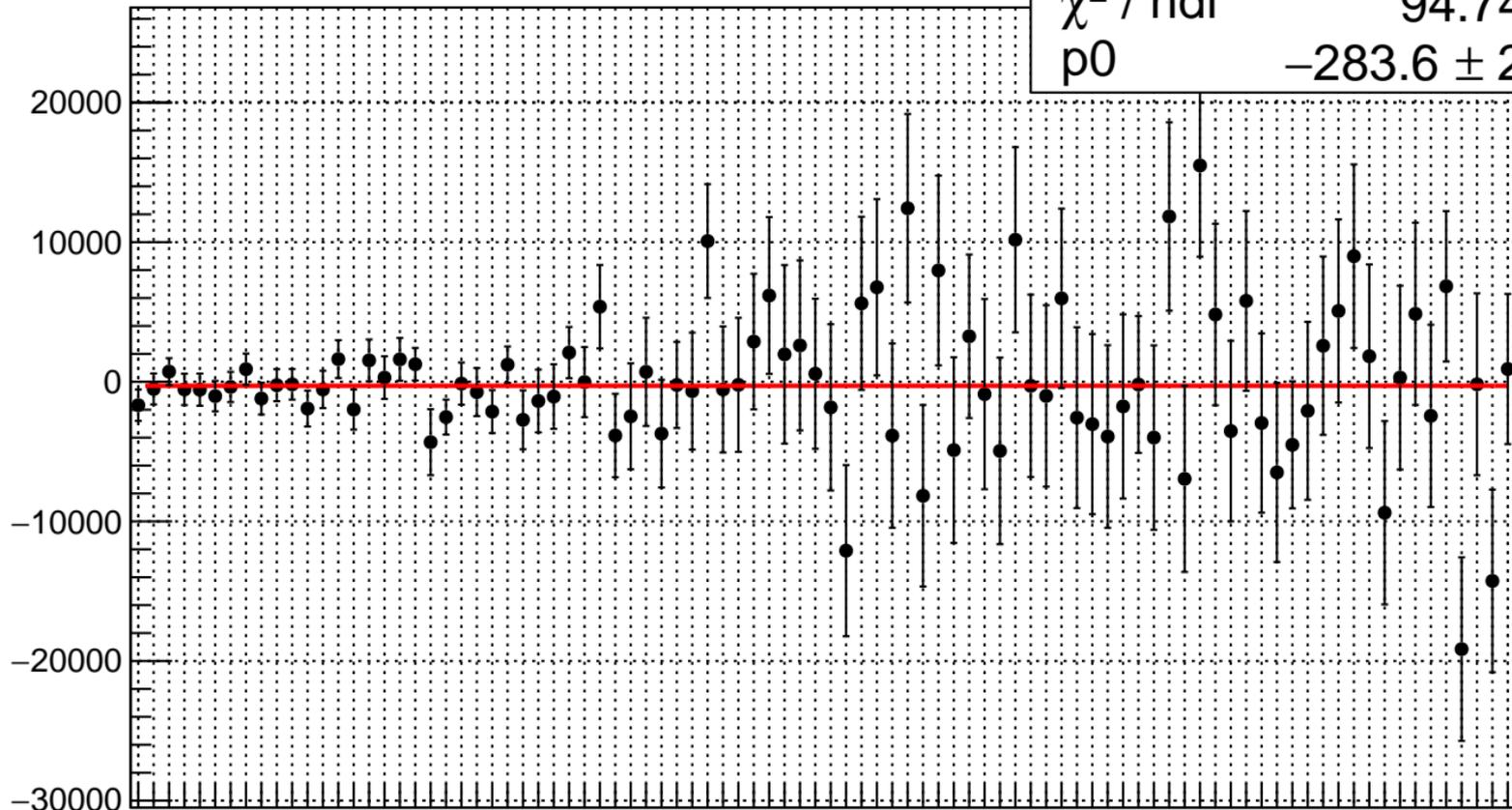
reg_asym_right_dd.rms/ppm



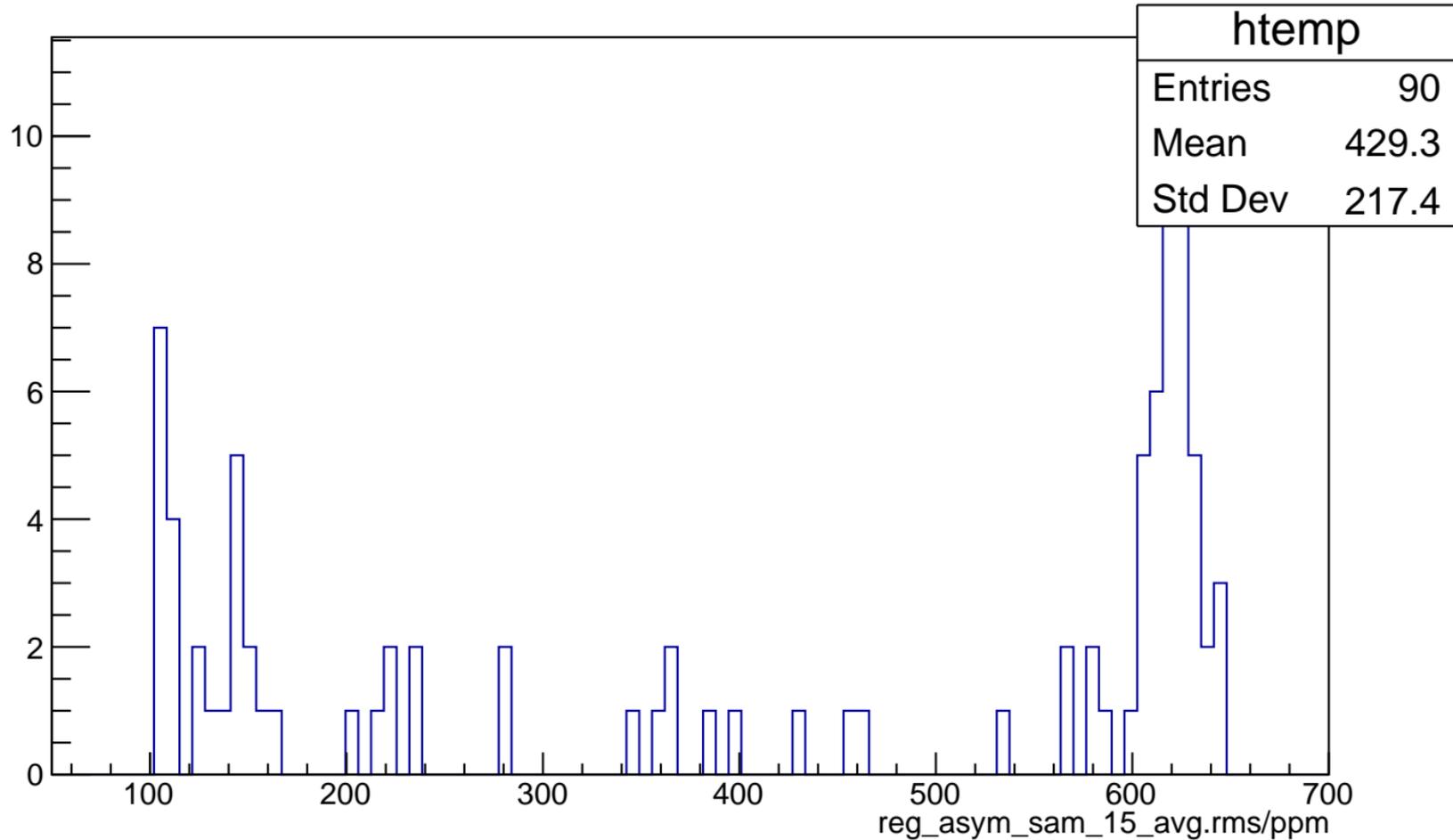
reg_asym_sam_15_avg.mean/ppb

χ^2 / ndf
p0

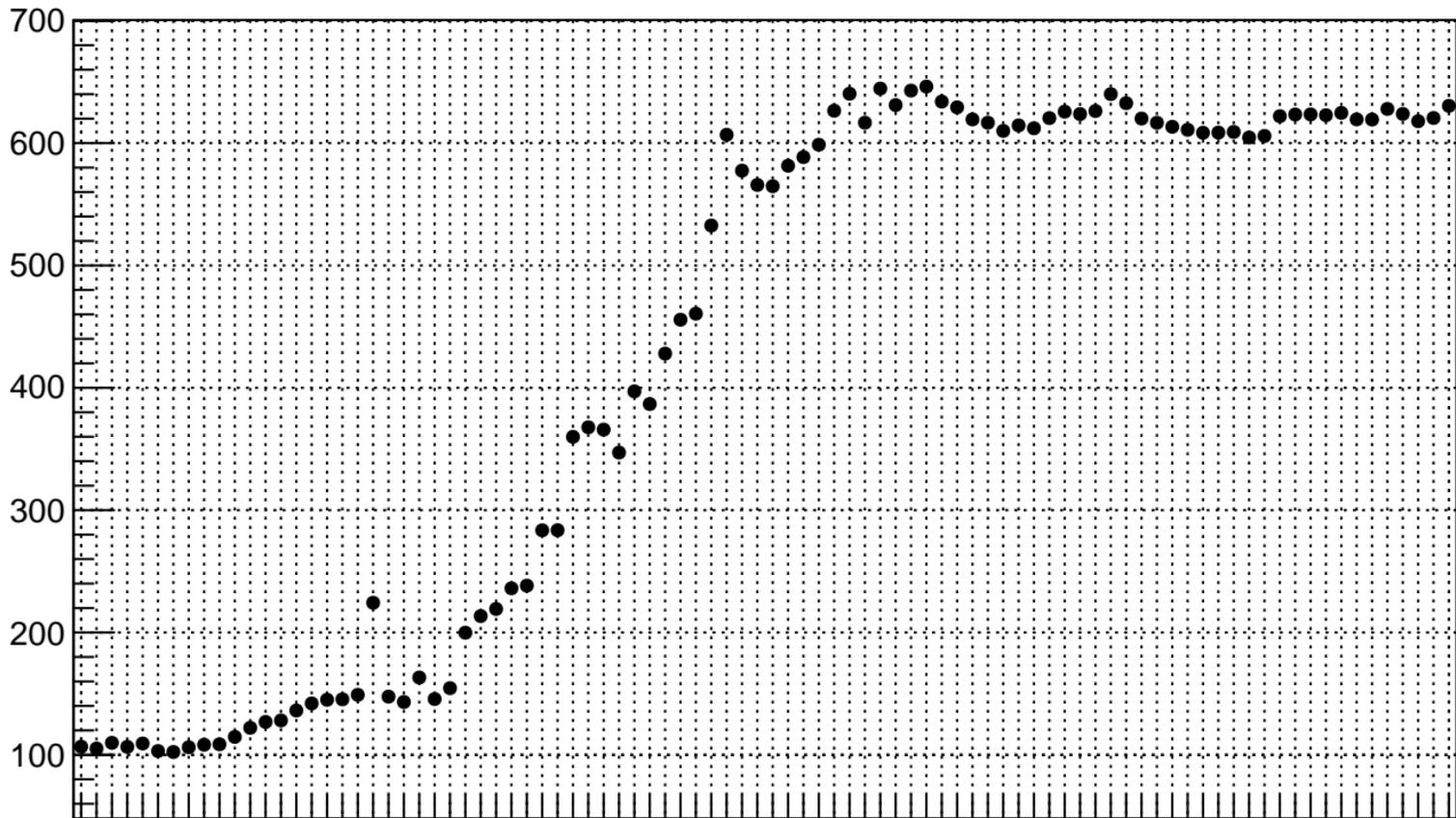
94.74 / 89
 -283.6 ± 229.2



reg_asym_sam_15_avg.rms/ppm

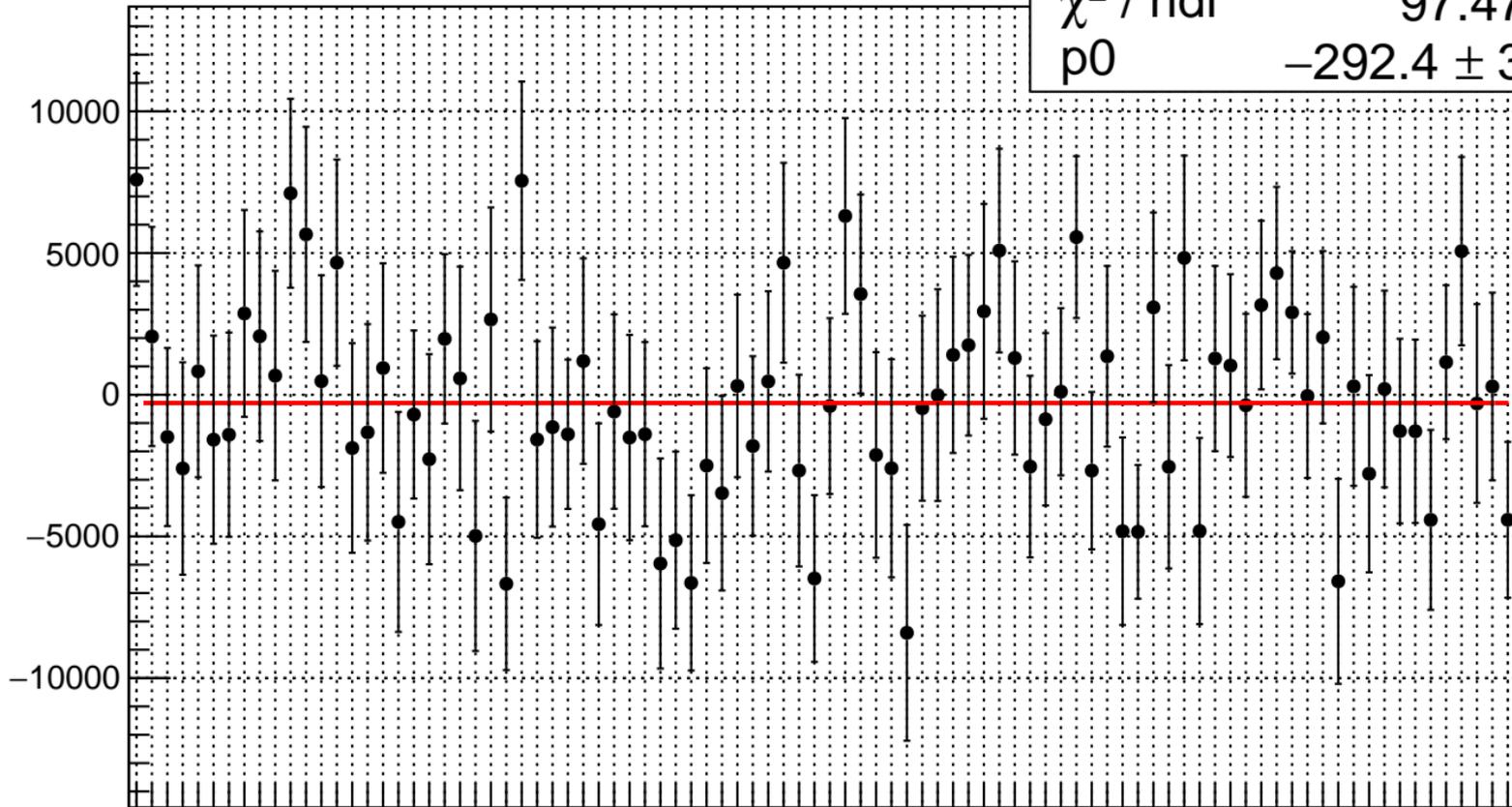


reg_asym_sam_15_avg.rms/ppm



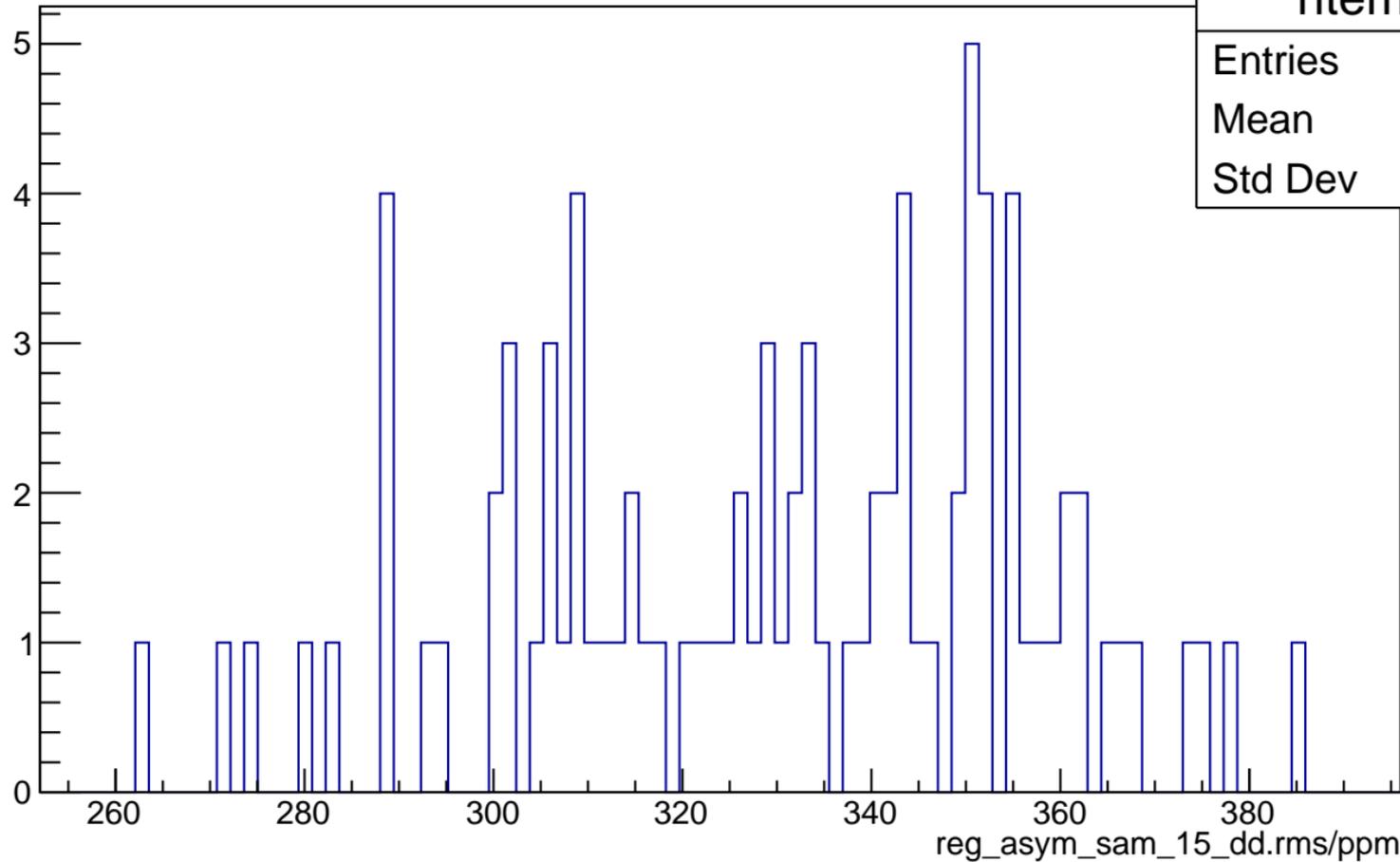
reg_asym_sam_15_dd.mean/ppb

χ^2 / ndf 97.47 / 89
p0 -292.4 ± 349.3



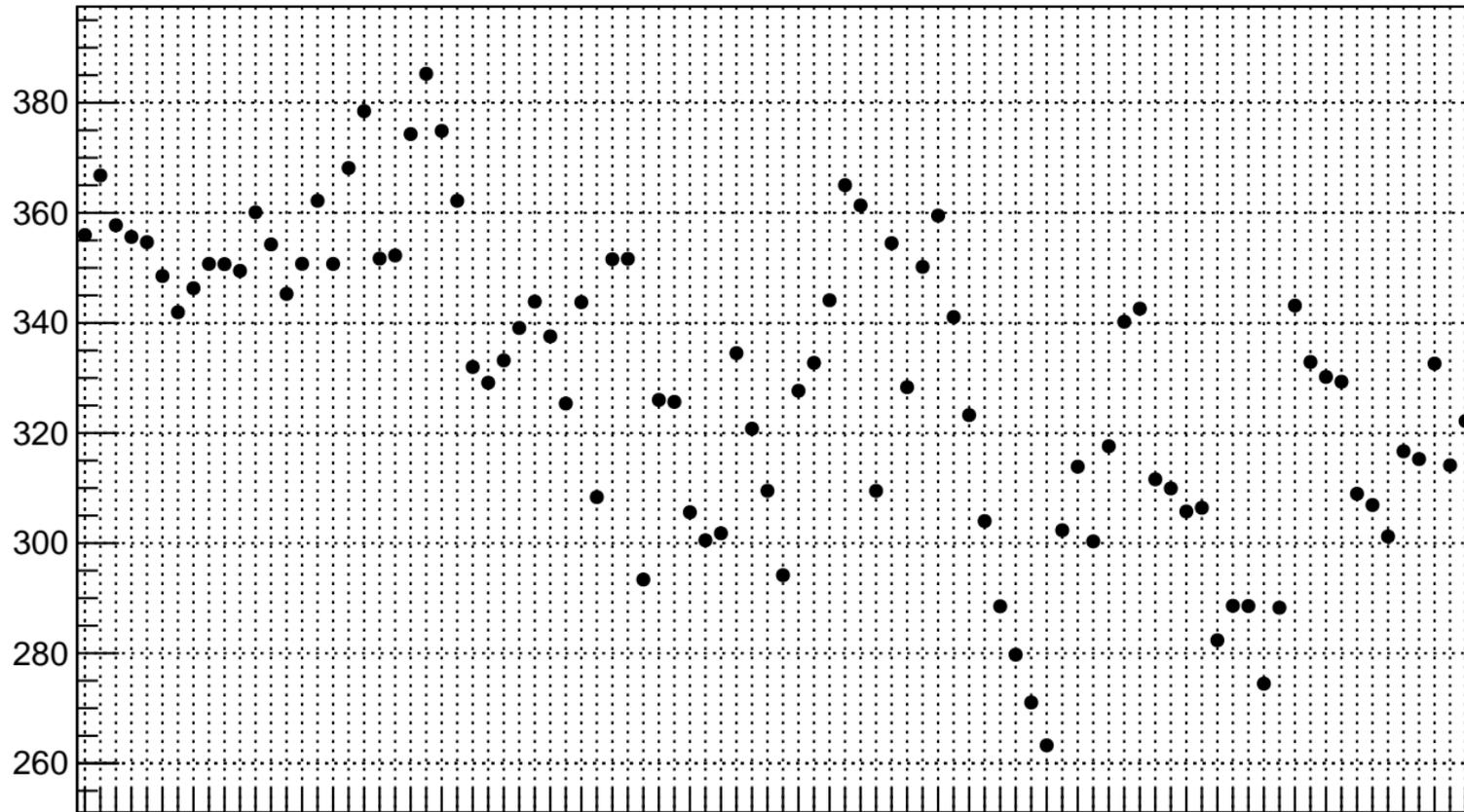
Run 1414

reg_asym_sam_15_dd.rms/ppm

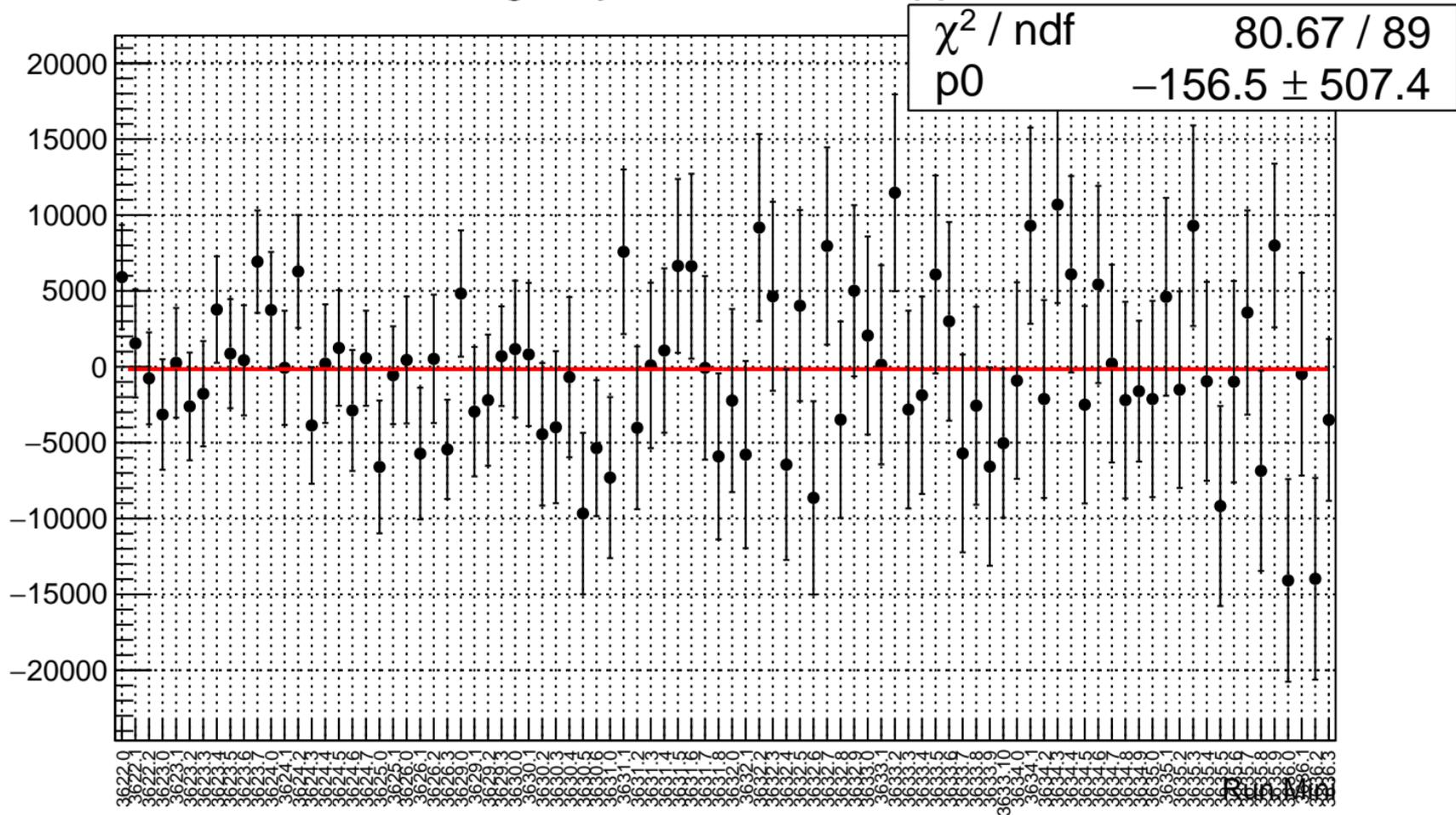


htemp	
Entries	90
Mean	329.9
Std Dev	26.89

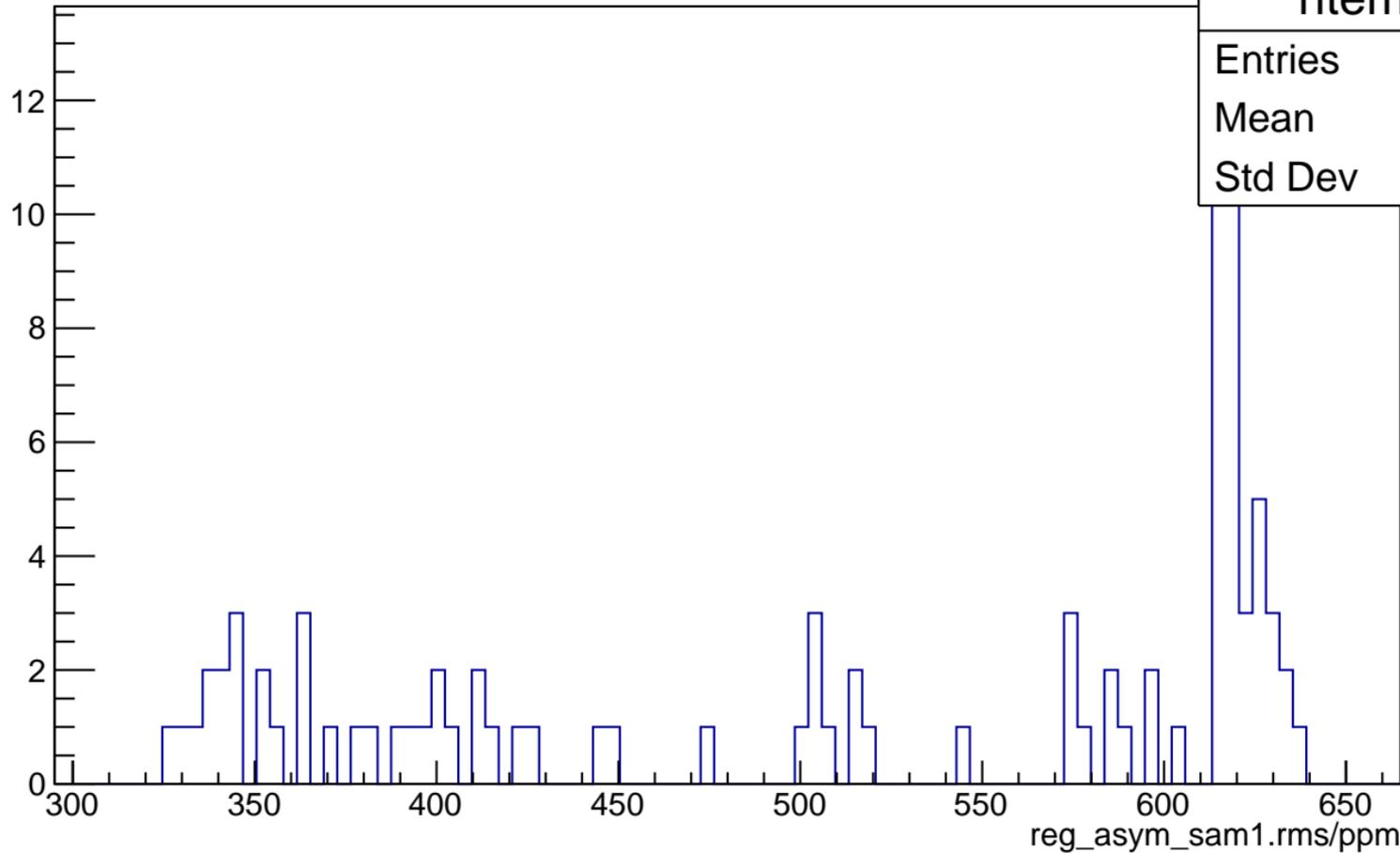
reg_asym_sam_15_dd.rms/ppm



reg_asym_sam1.mean/ppb



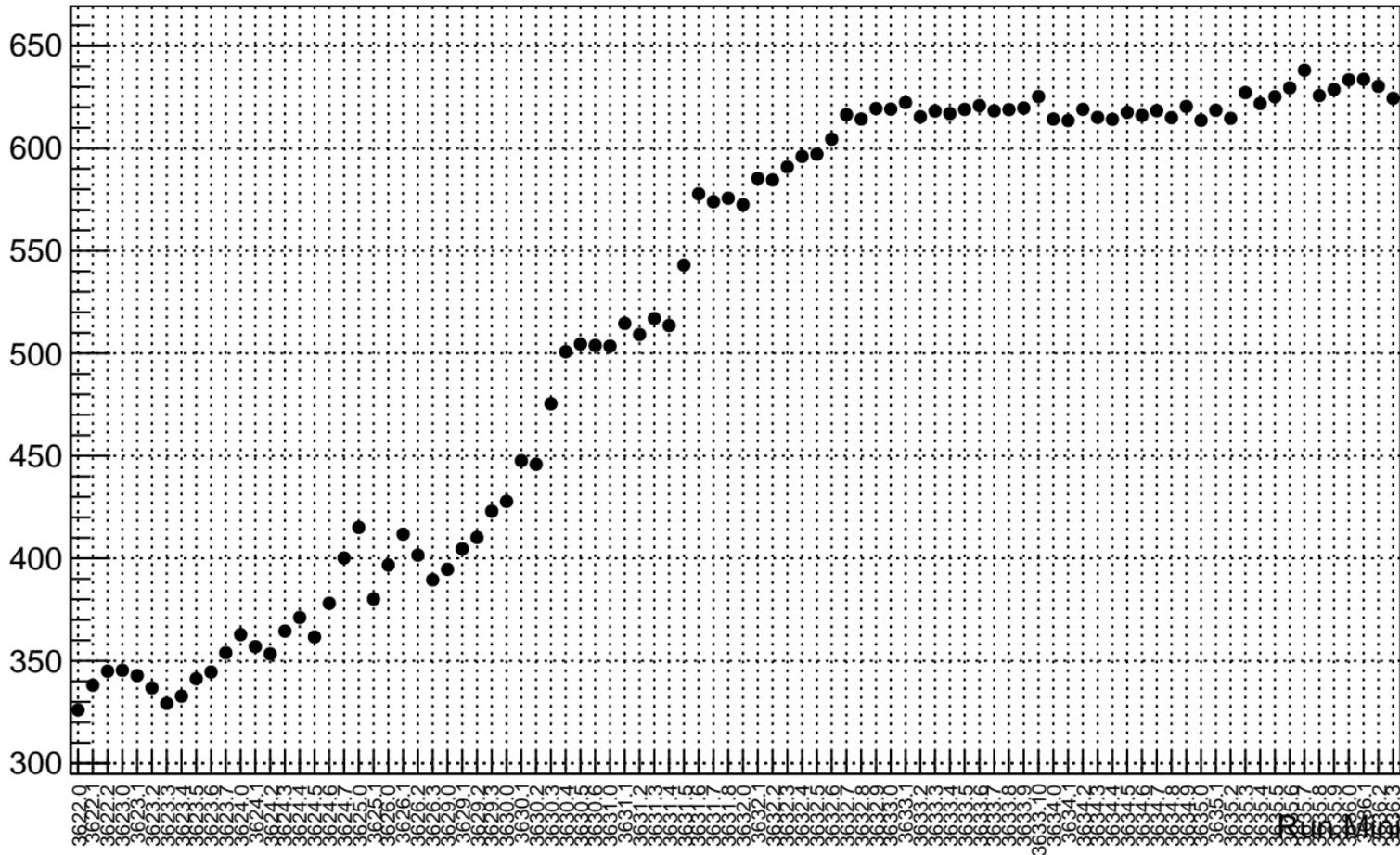
reg_asym_sam1.rms/ppm



htemp

Entries	90
Mean	517.4
Std Dev	112.4

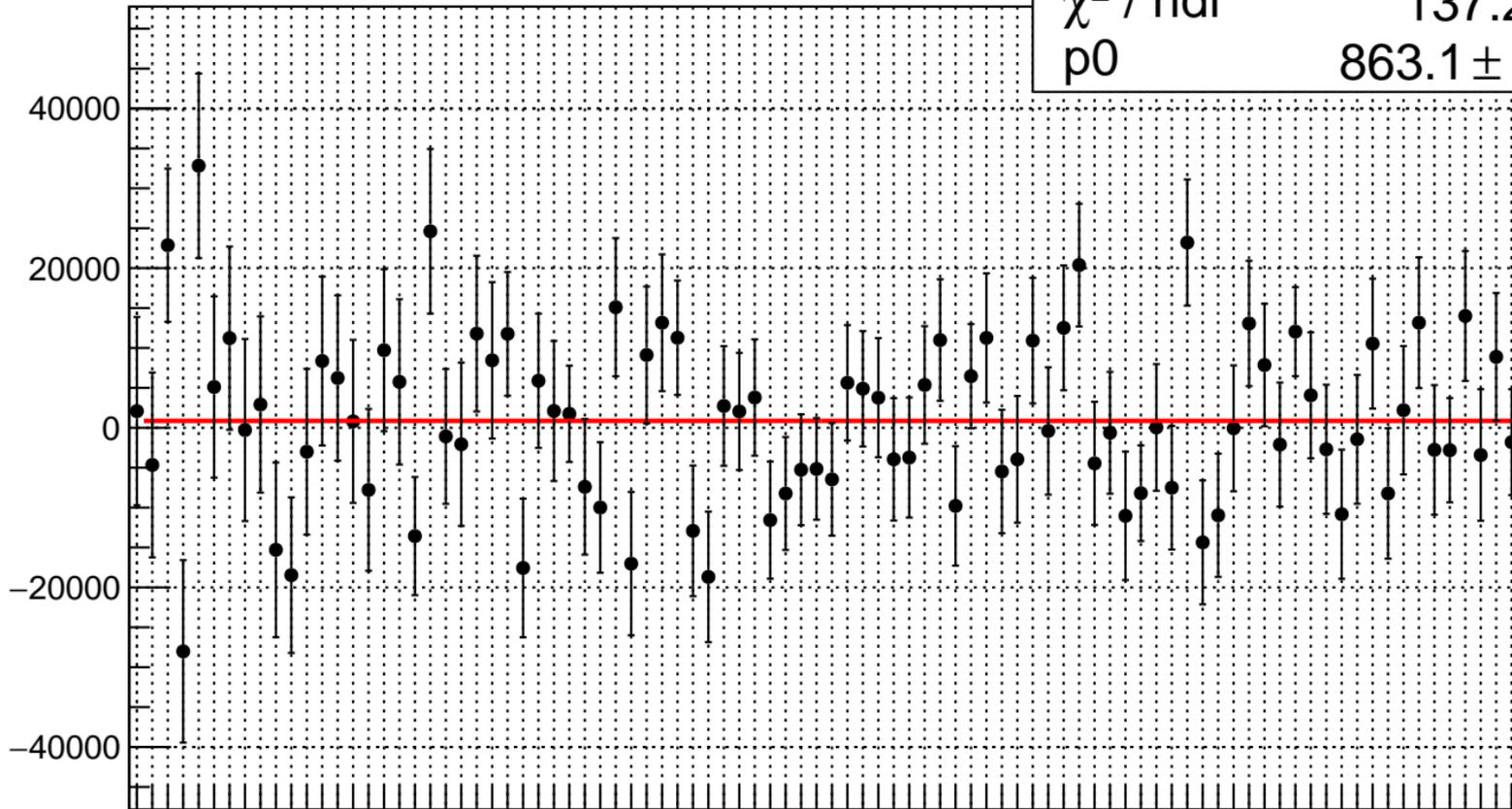
reg_asym_sam1.rms/ppm



Run Min

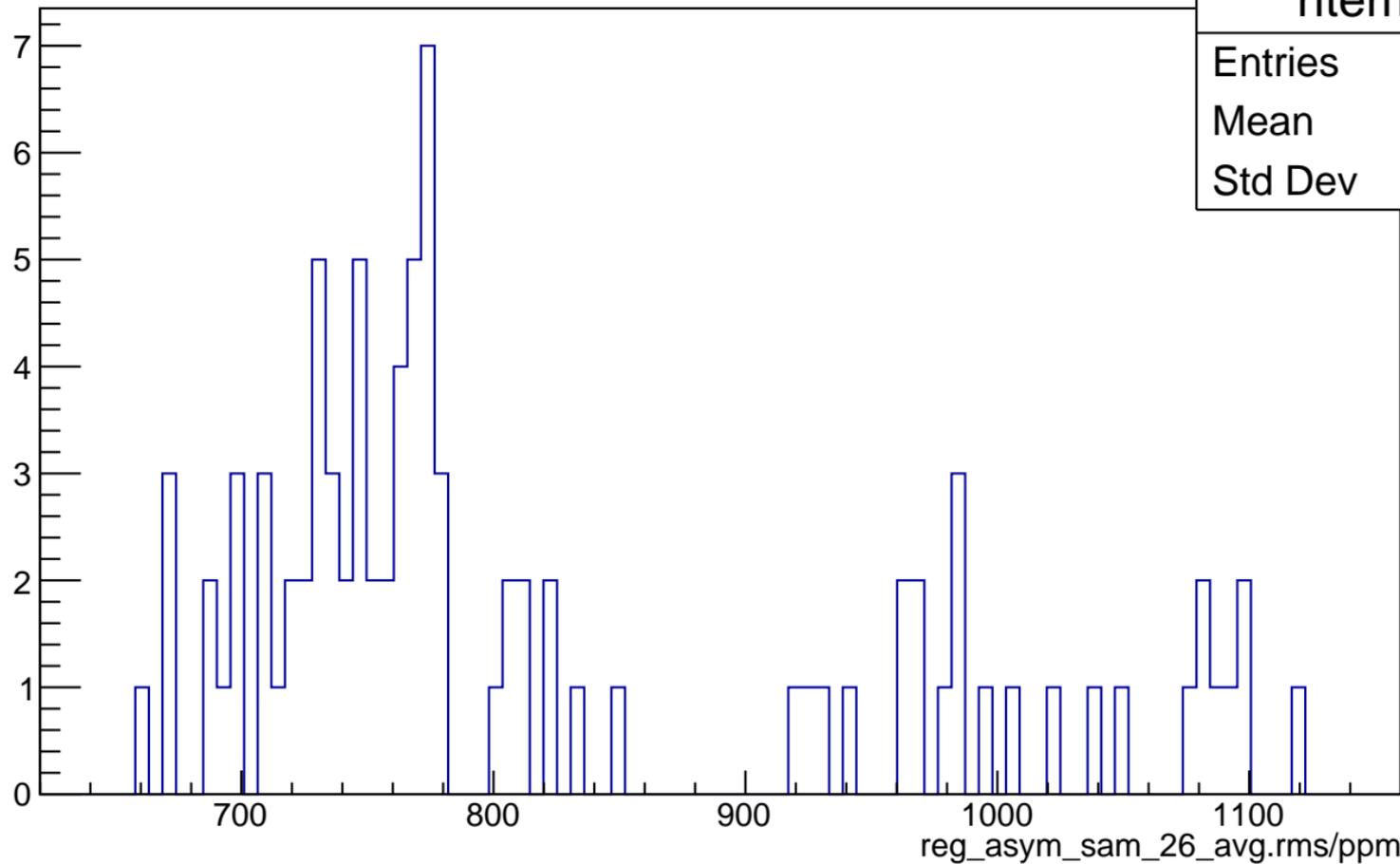
reg_asym_sam_26_avg.mean/ppb

χ^2 / ndf	137.2 / 89
p0	863.1 \pm 854

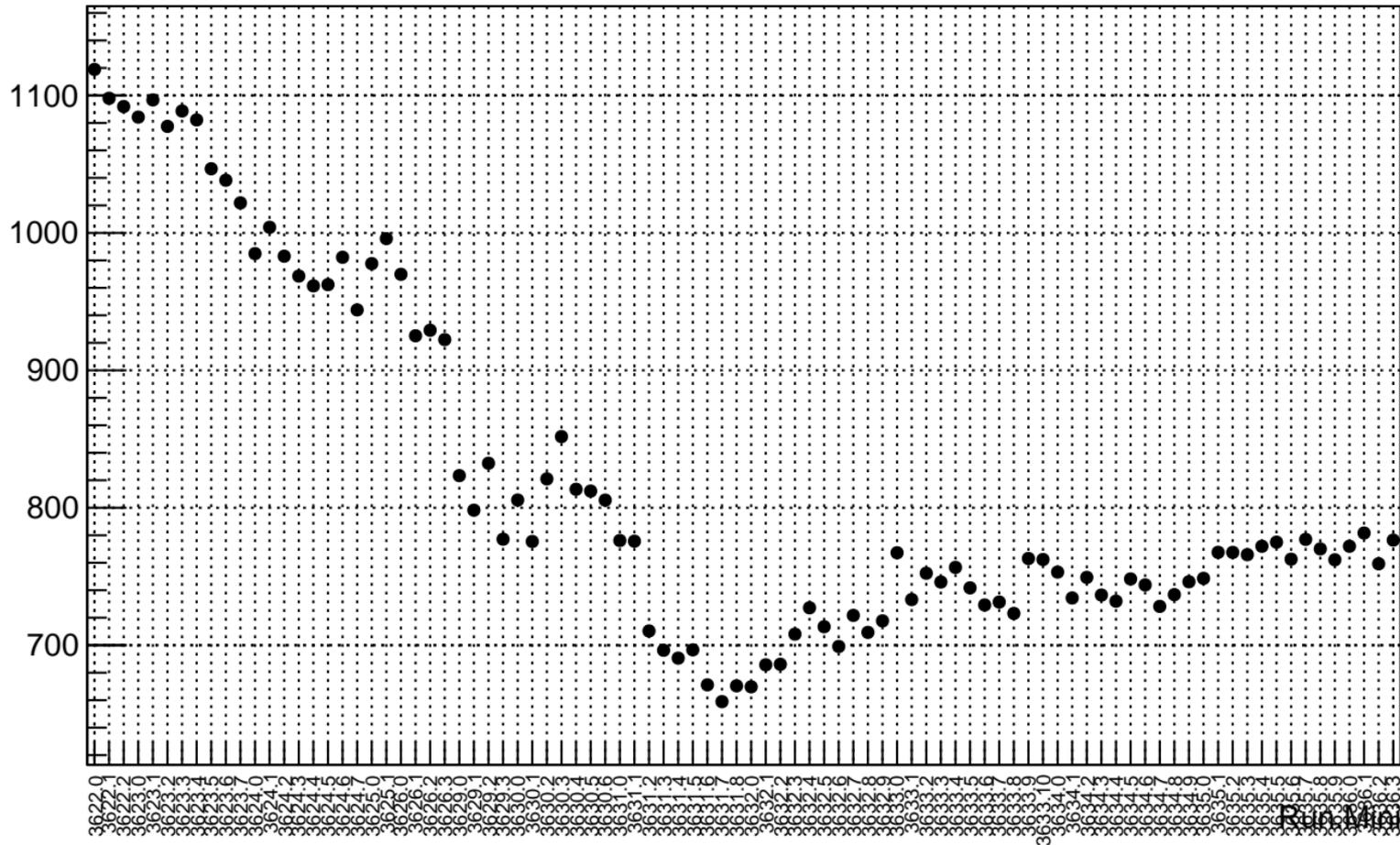


0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000

reg_asym_sam_26_avg.rms/ppm

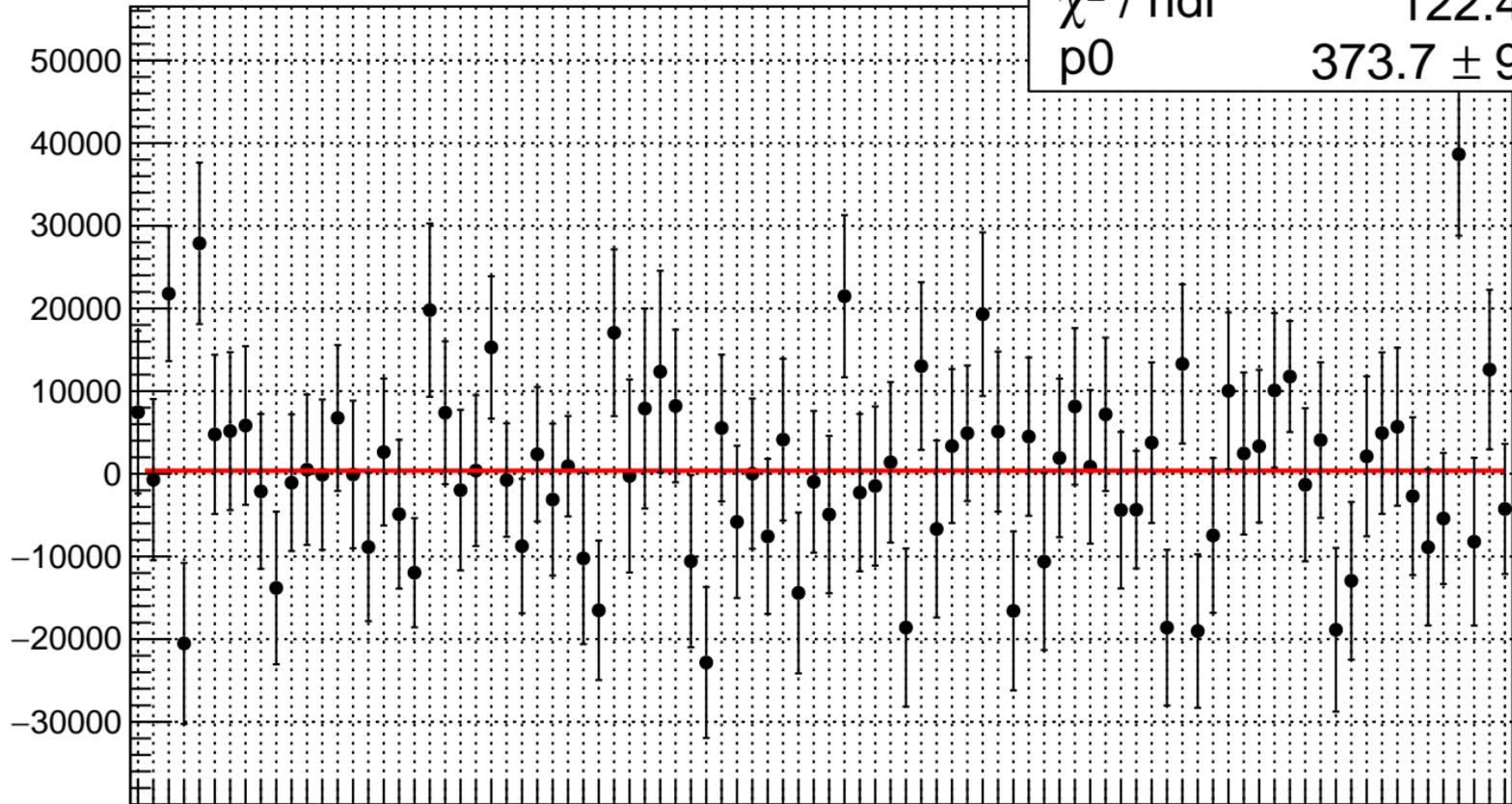


reg_asym_sam_26_avg.rms/ppm



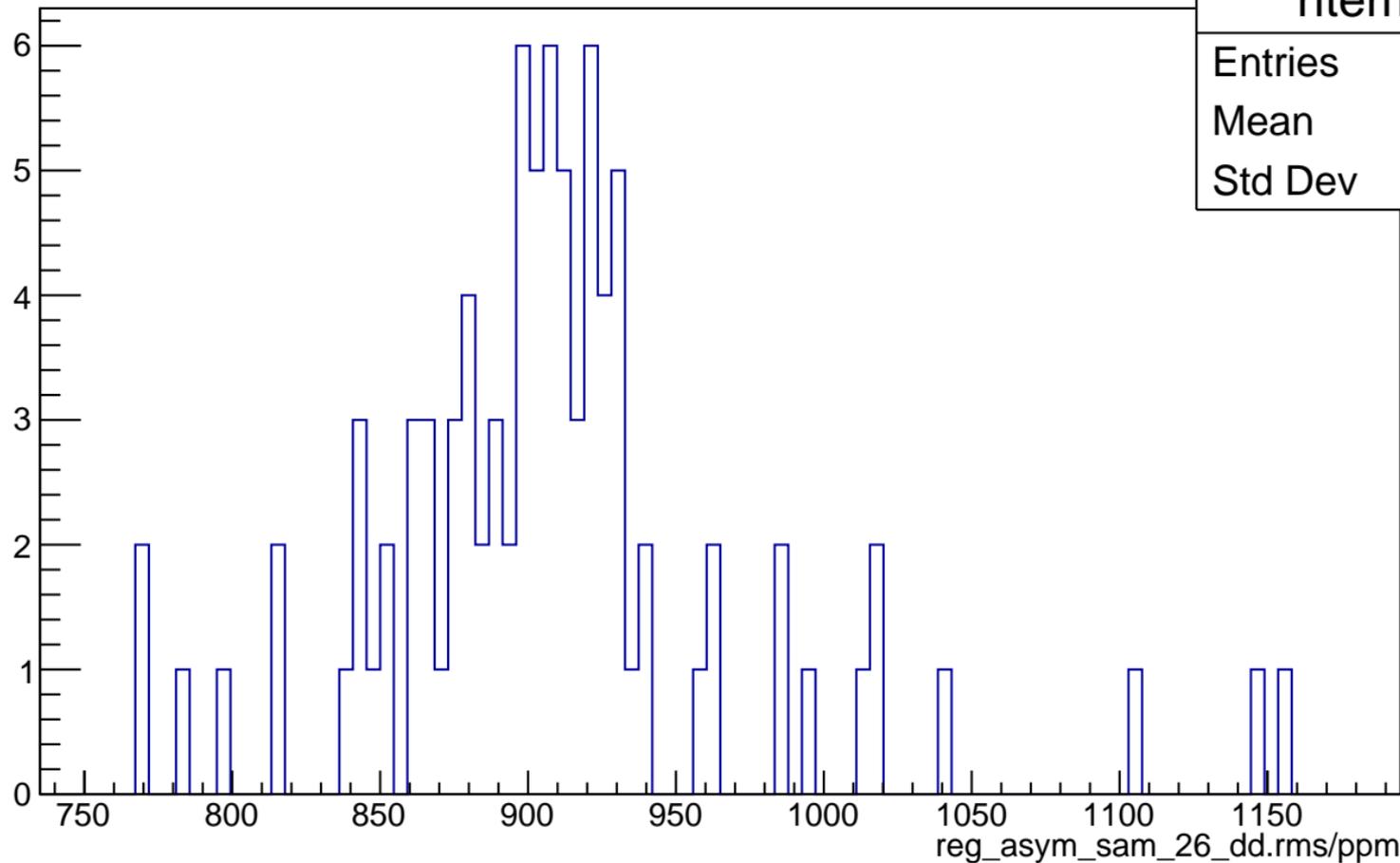
reg_asym_sam_26_dd.mean/ppb

χ^2 / ndf 122.4 / 89
p0 373.7 ± 963.5

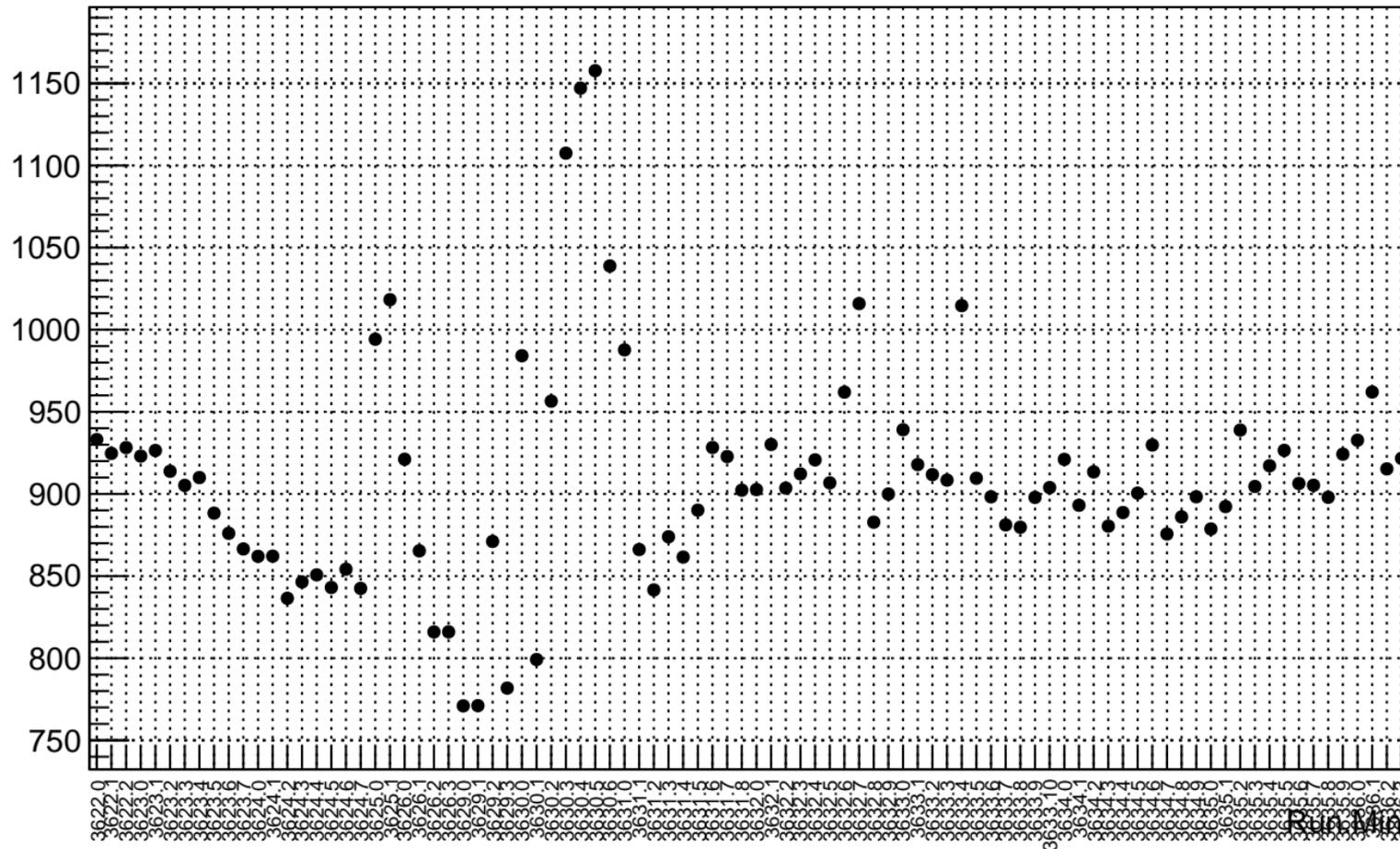


Run 4111

reg_asym_sam_26_dd.rms/ppm

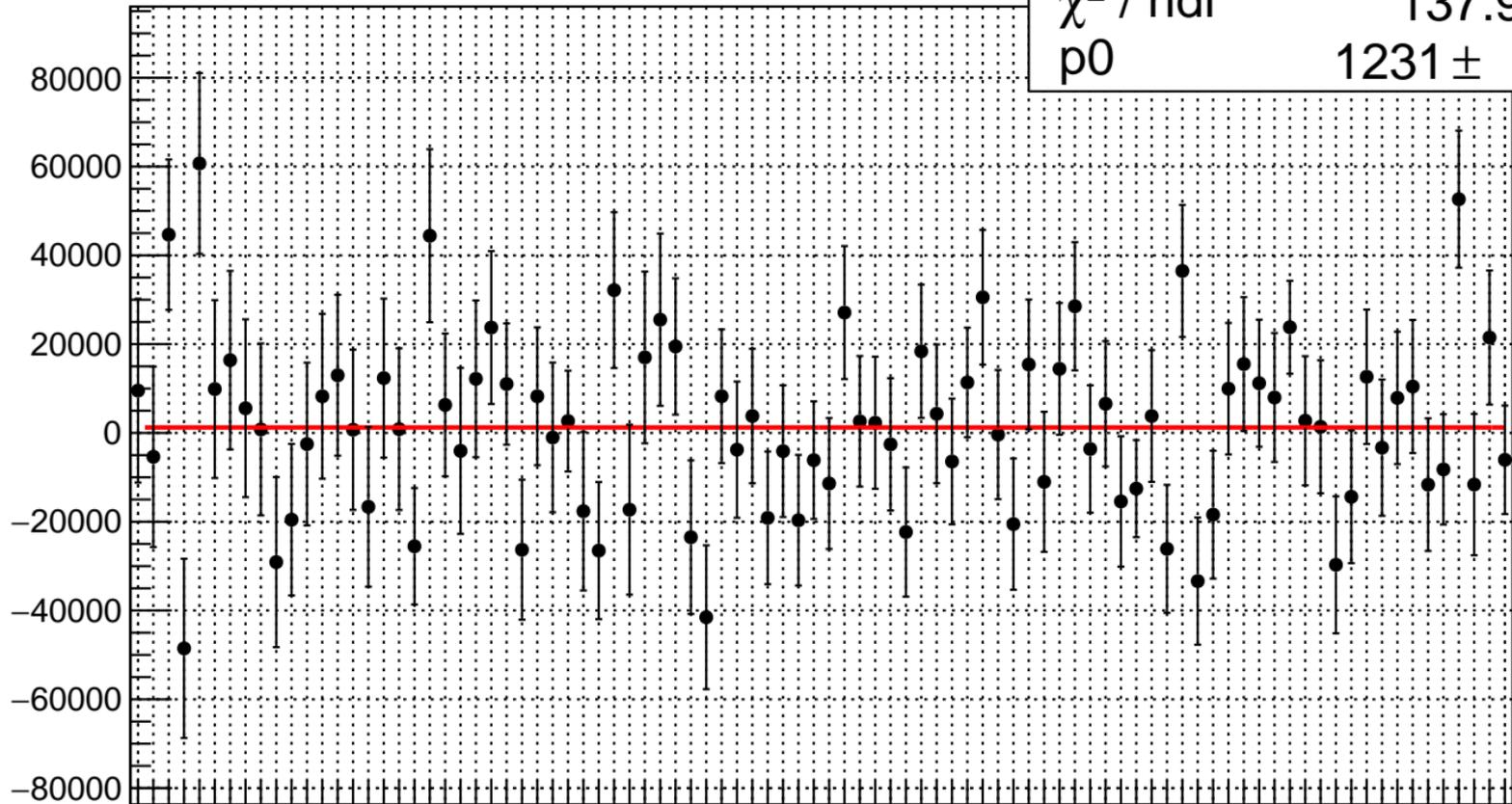


reg_asym_sam_26_dd.rms/ppm



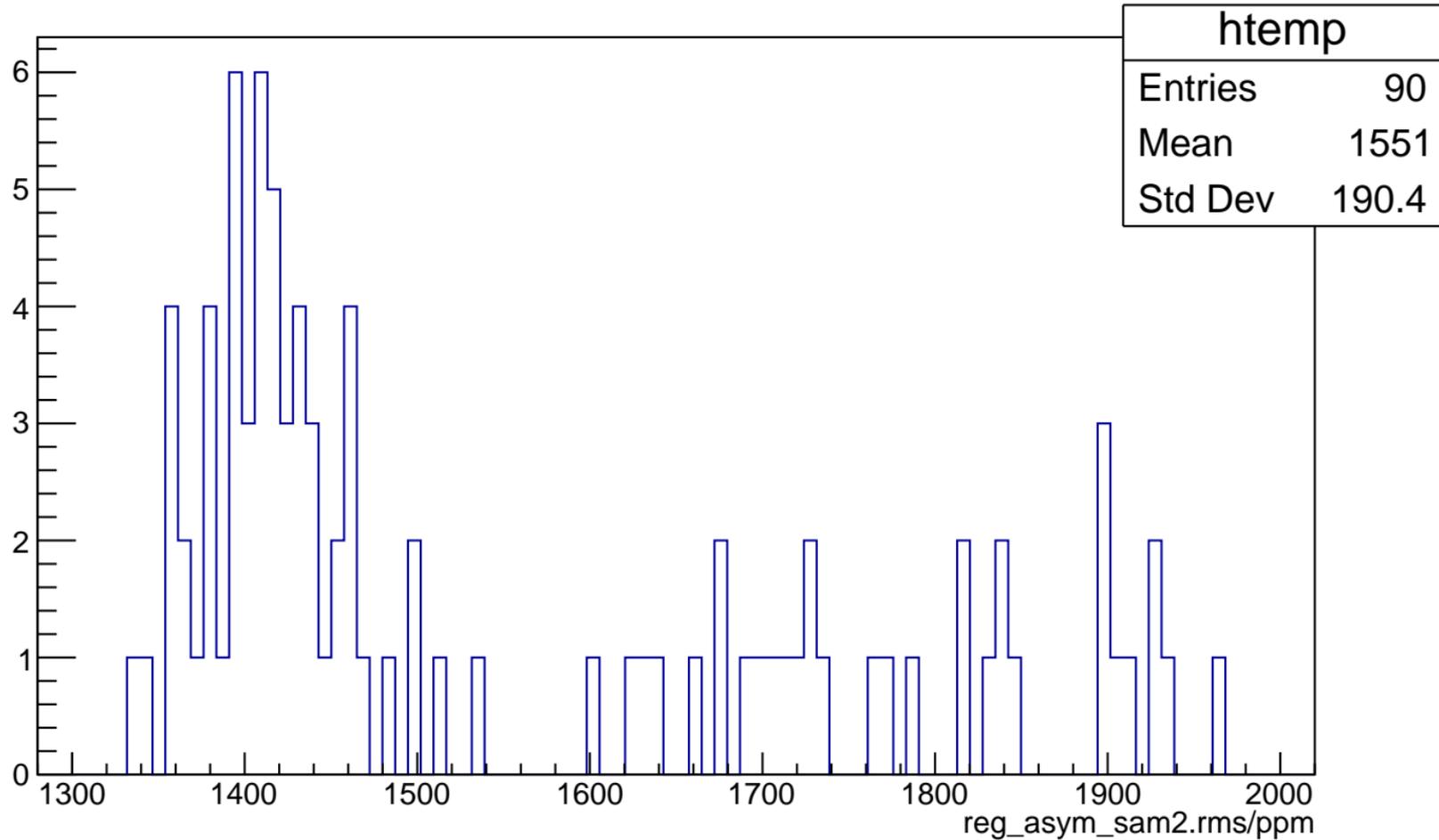
reg_asym_sam2.mean/ppb

χ^2 / ndf 137.9 / 89
p0 1231 ± 1625

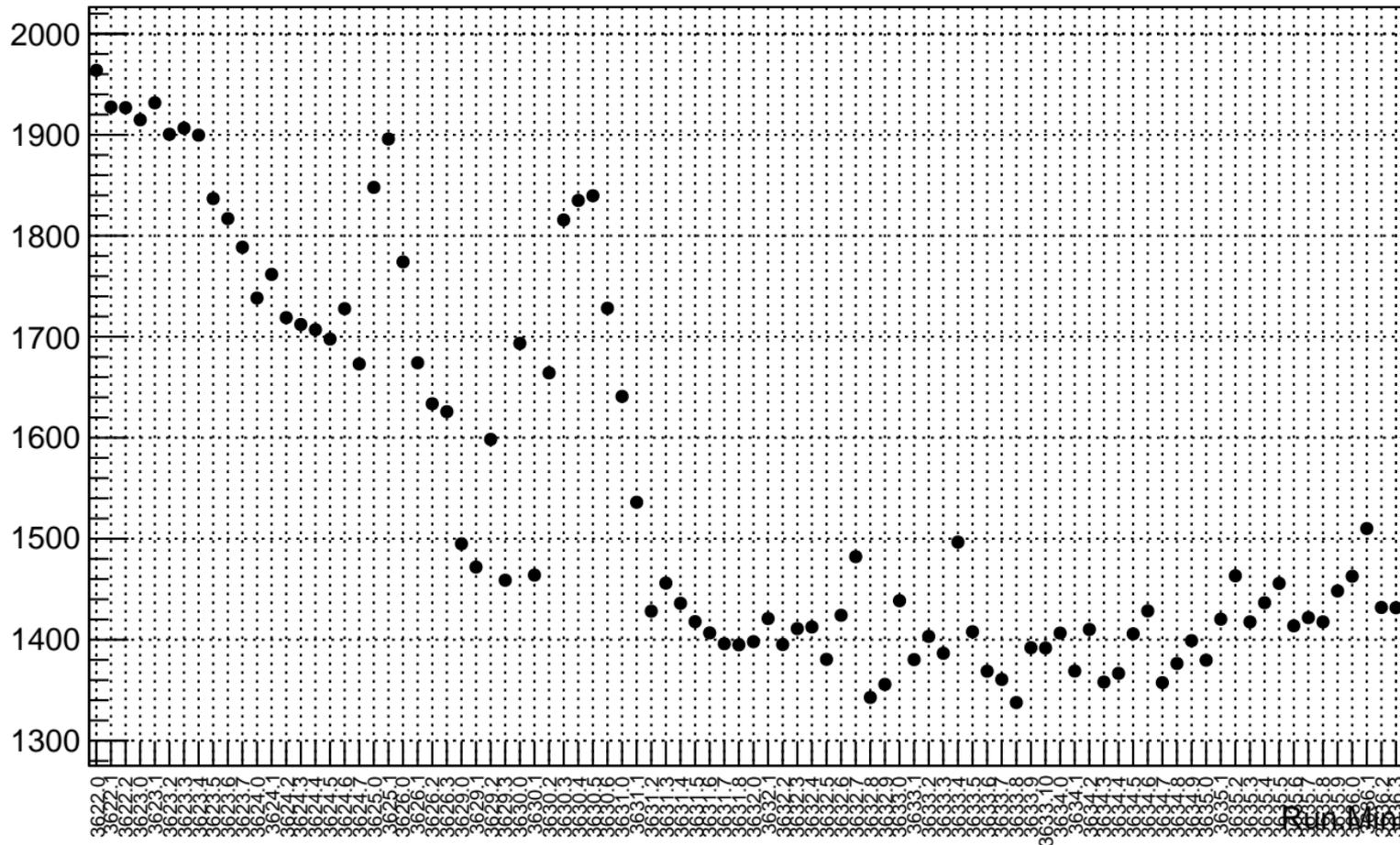


Run Min

reg_asym_sam2.rms/ppm

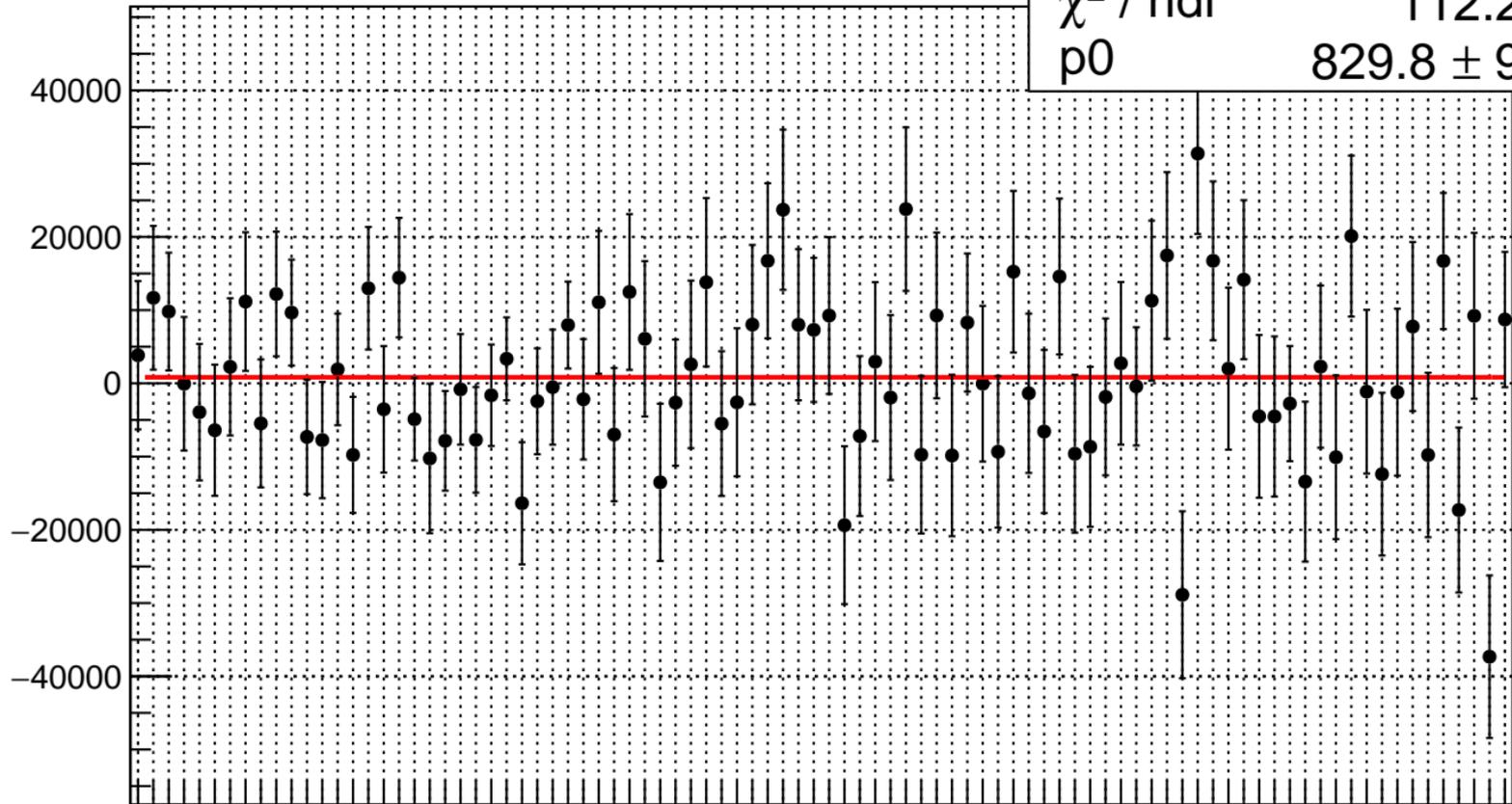


reg_asym_sam2.rms/ppm



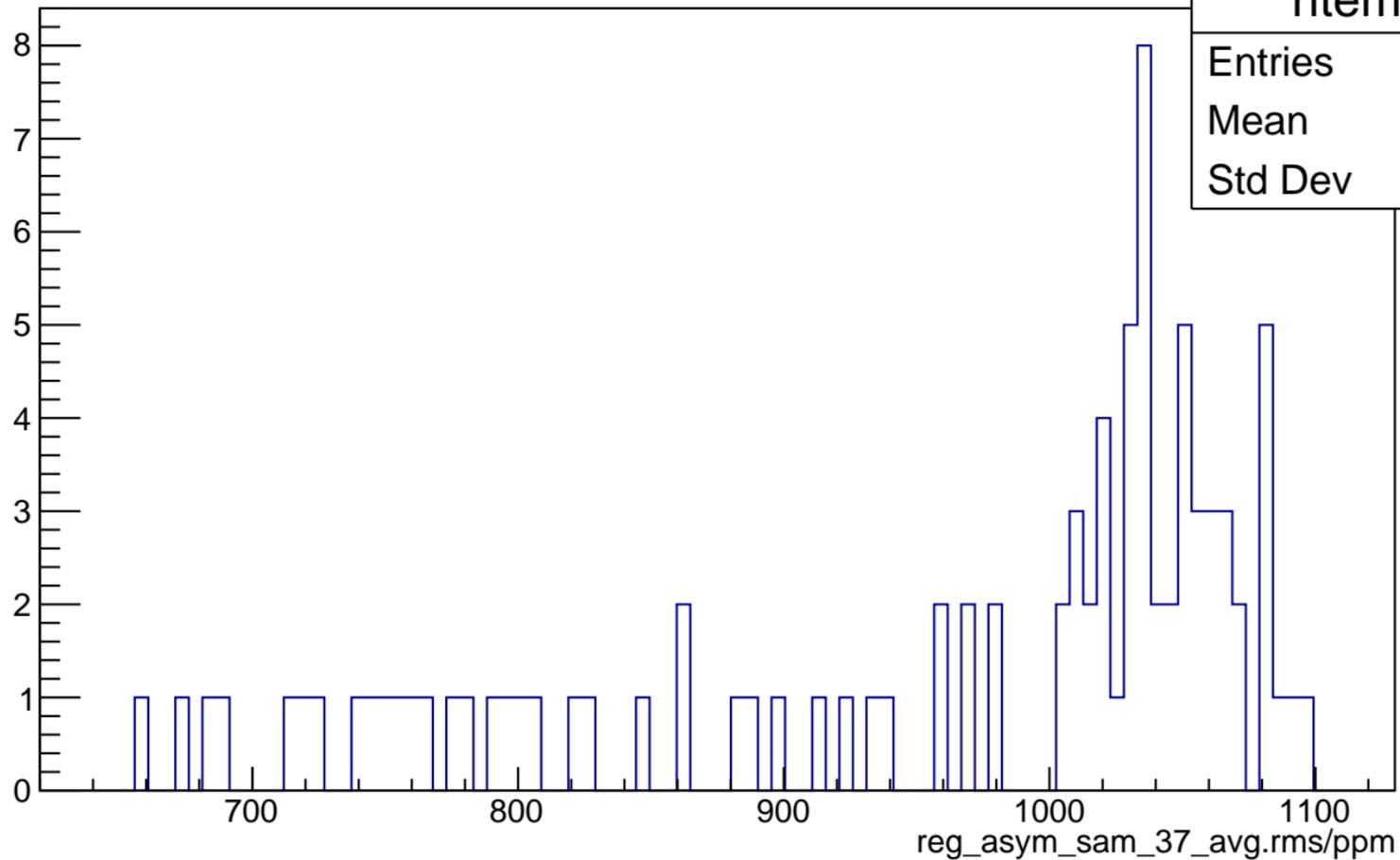
reg_asym_sam_37_avg.mean/ppb

χ^2 / ndf	112.2 / 89
p0	829.8 \pm 984.4



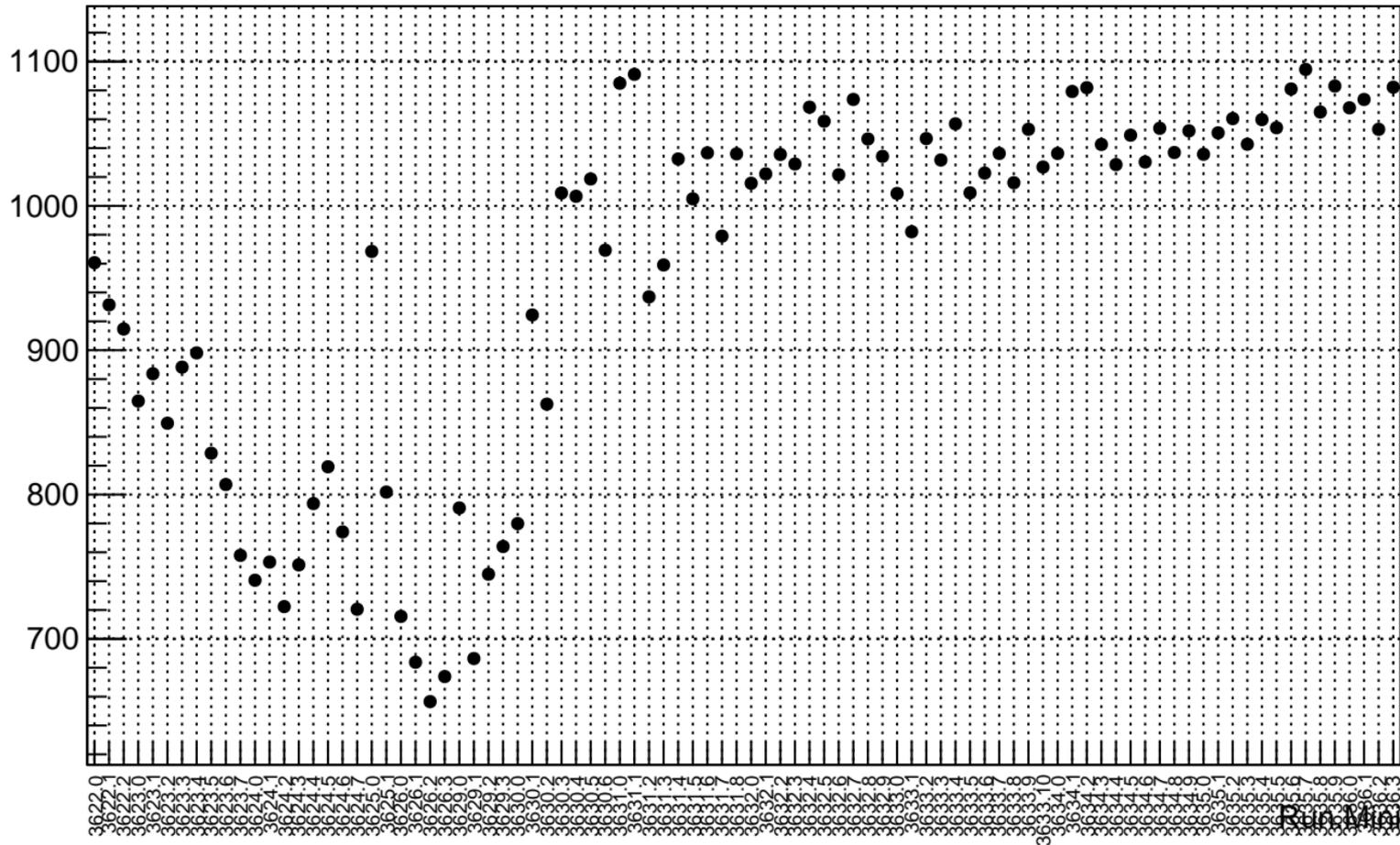
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

reg_asym_sam_37_avg.rms/ppm



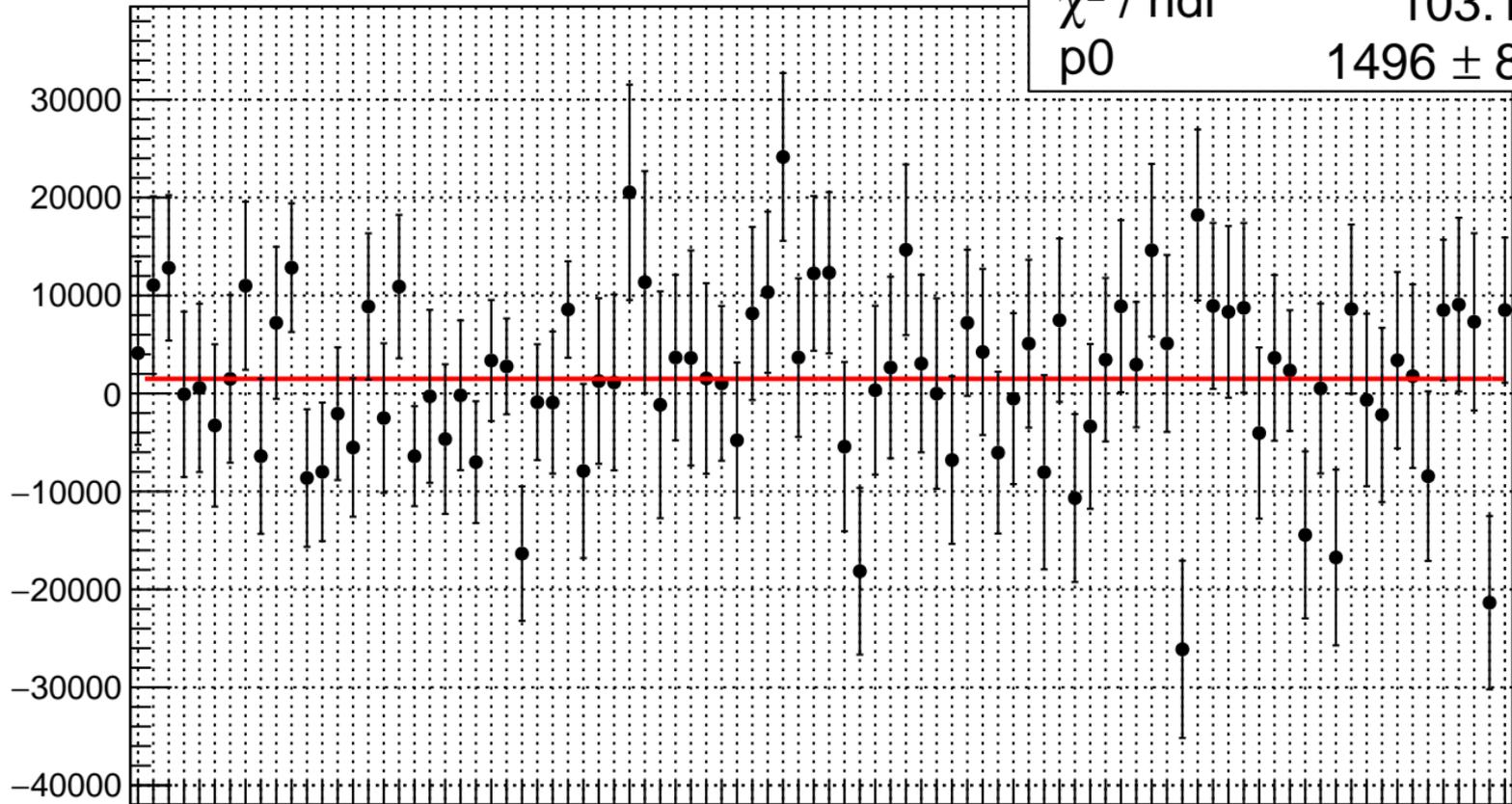
htemp	
Entries	90
Mean	955.2
Std Dev	126.4

reg_asym_sam_37_avg.rms/ppm



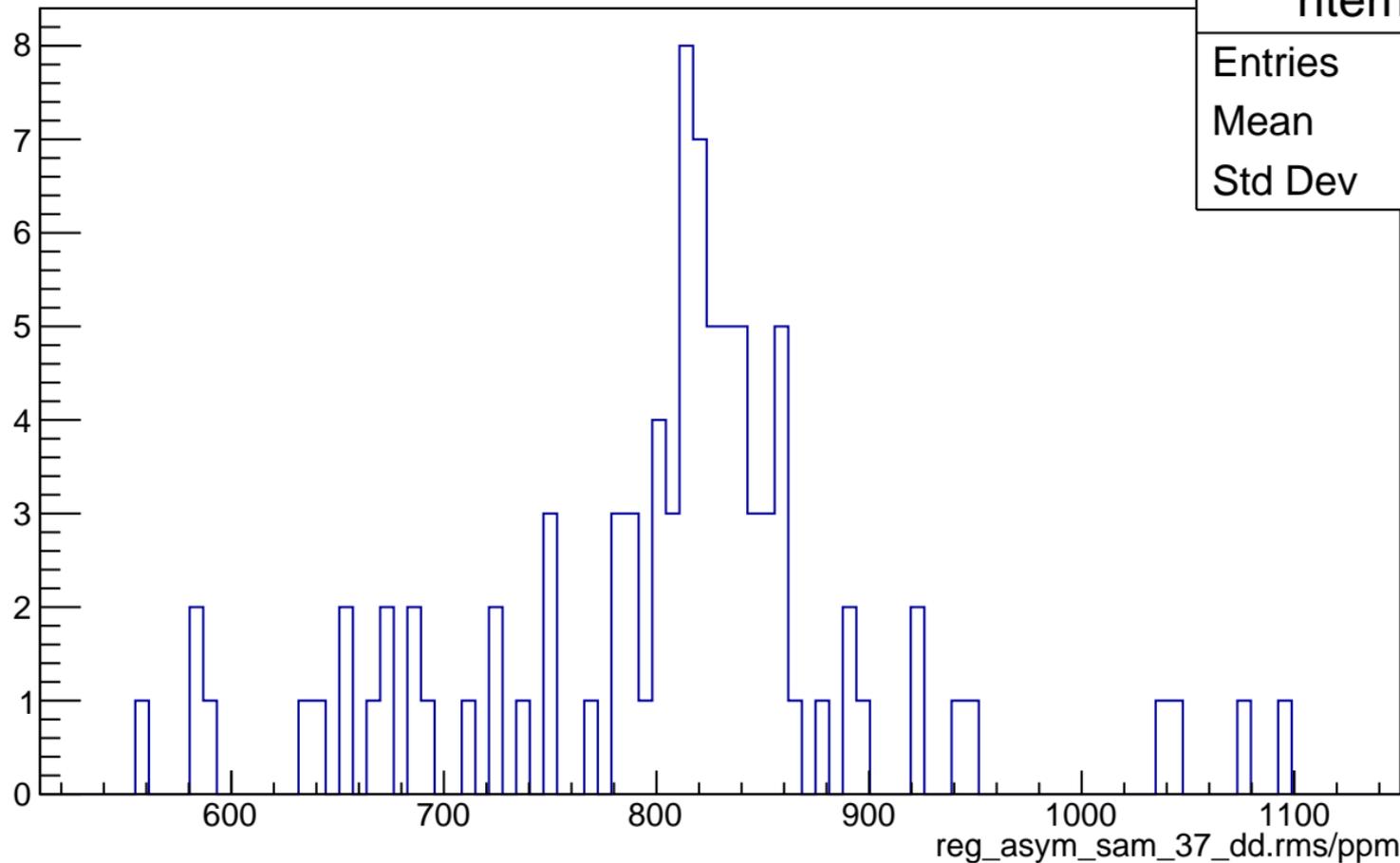
reg_asym_sam_37_dd.mean/ppb

χ^2 / ndf 103.1 / 89
 p_0 1496 \pm 838.9



0 10 20 30 40 50 60 70 80 89

reg_asym_sam_37_dd.rms/ppm



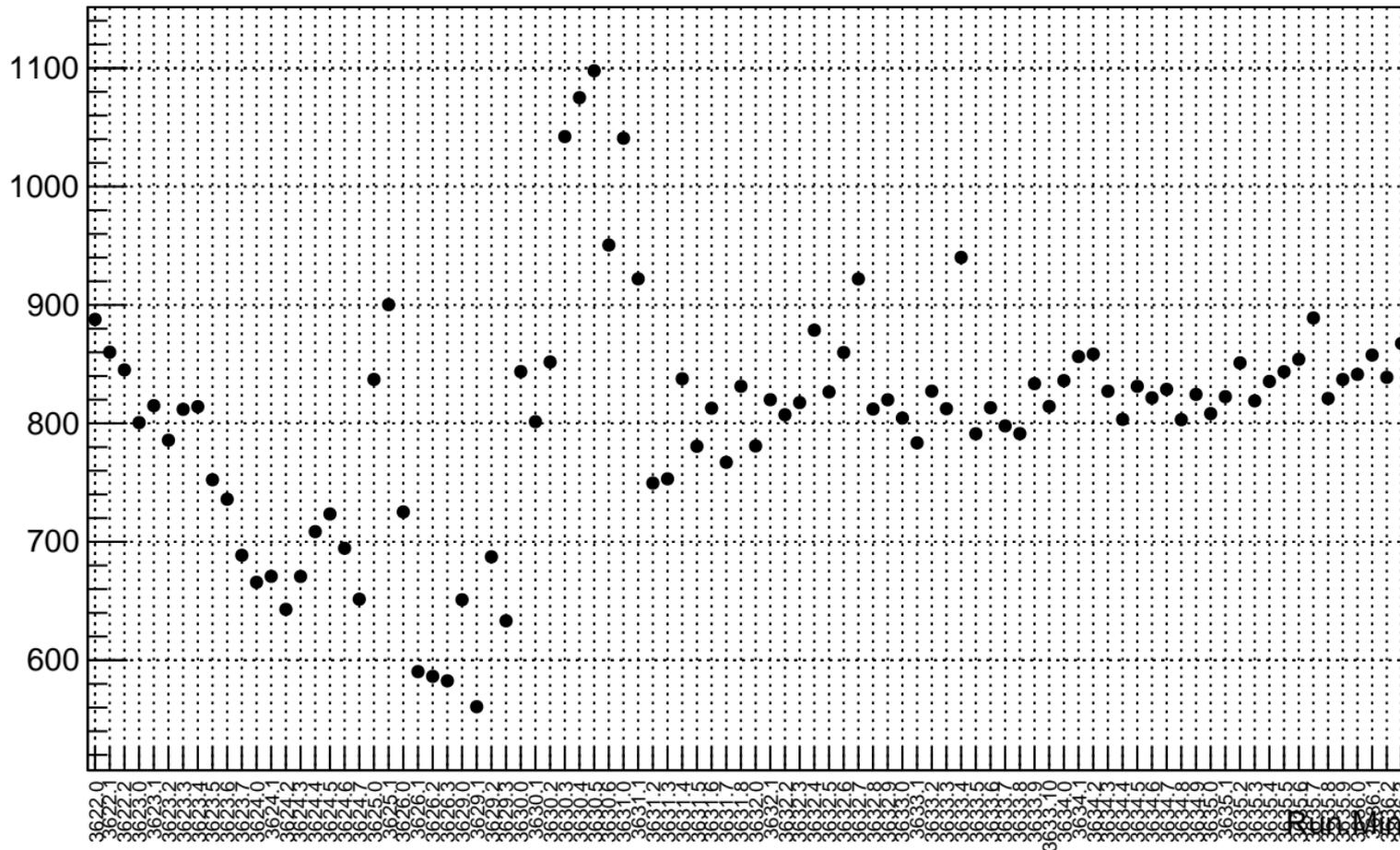
htemp

Entries 90

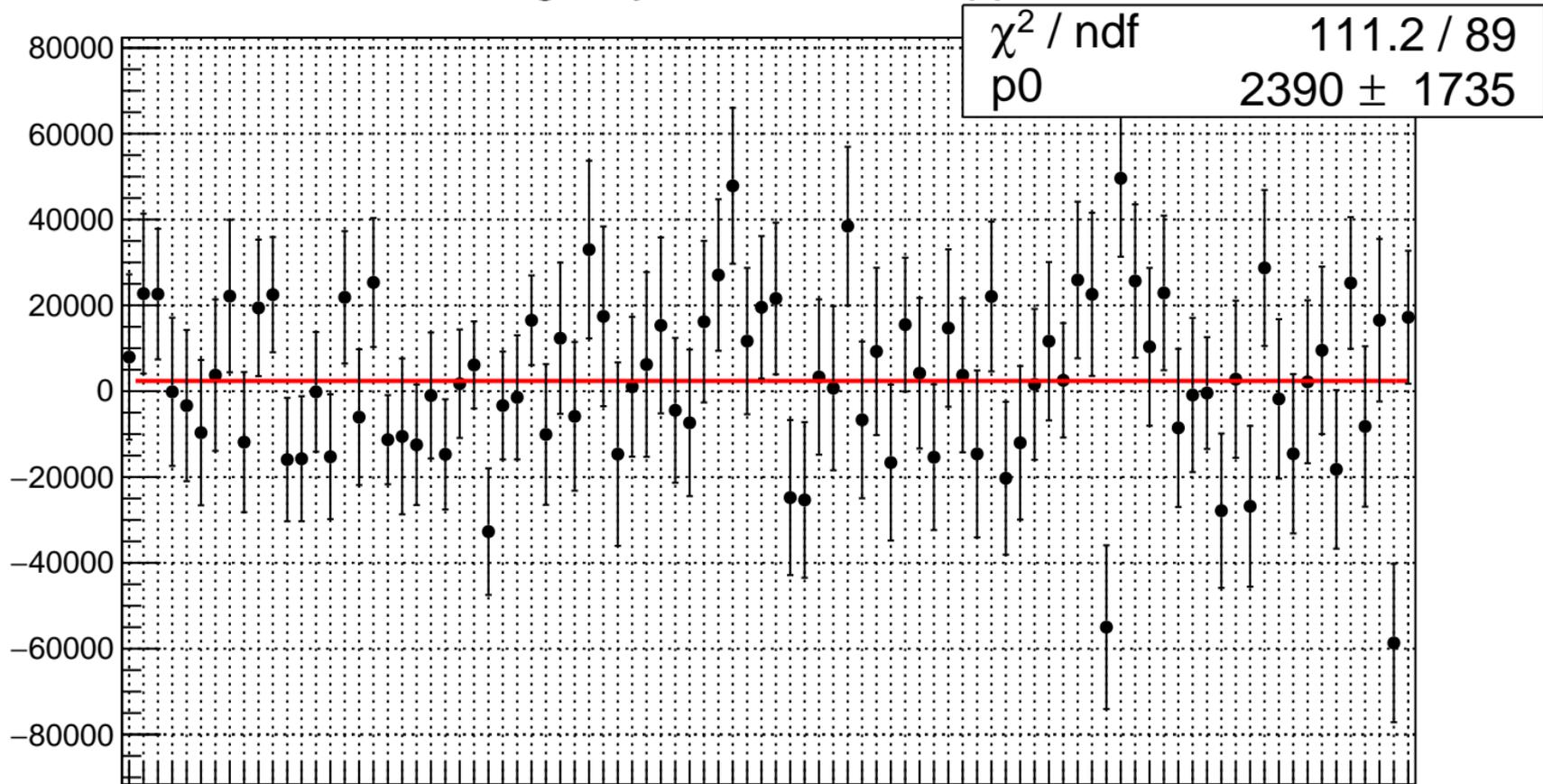
Mean 806.3

Std Dev 97.18

reg_asym_sam_37_dd.rms/ppm

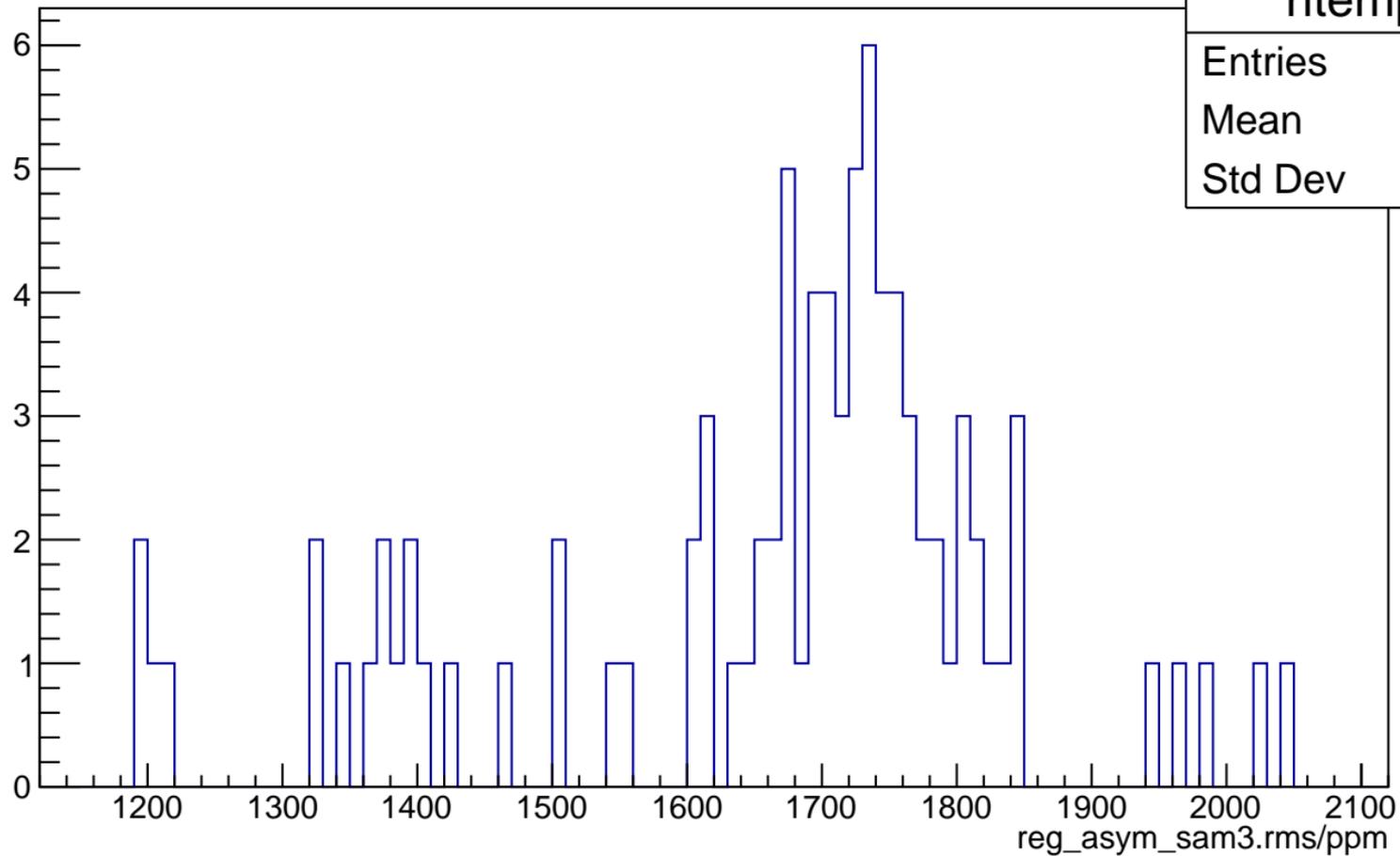


reg_asym_sam3.mean/ppb

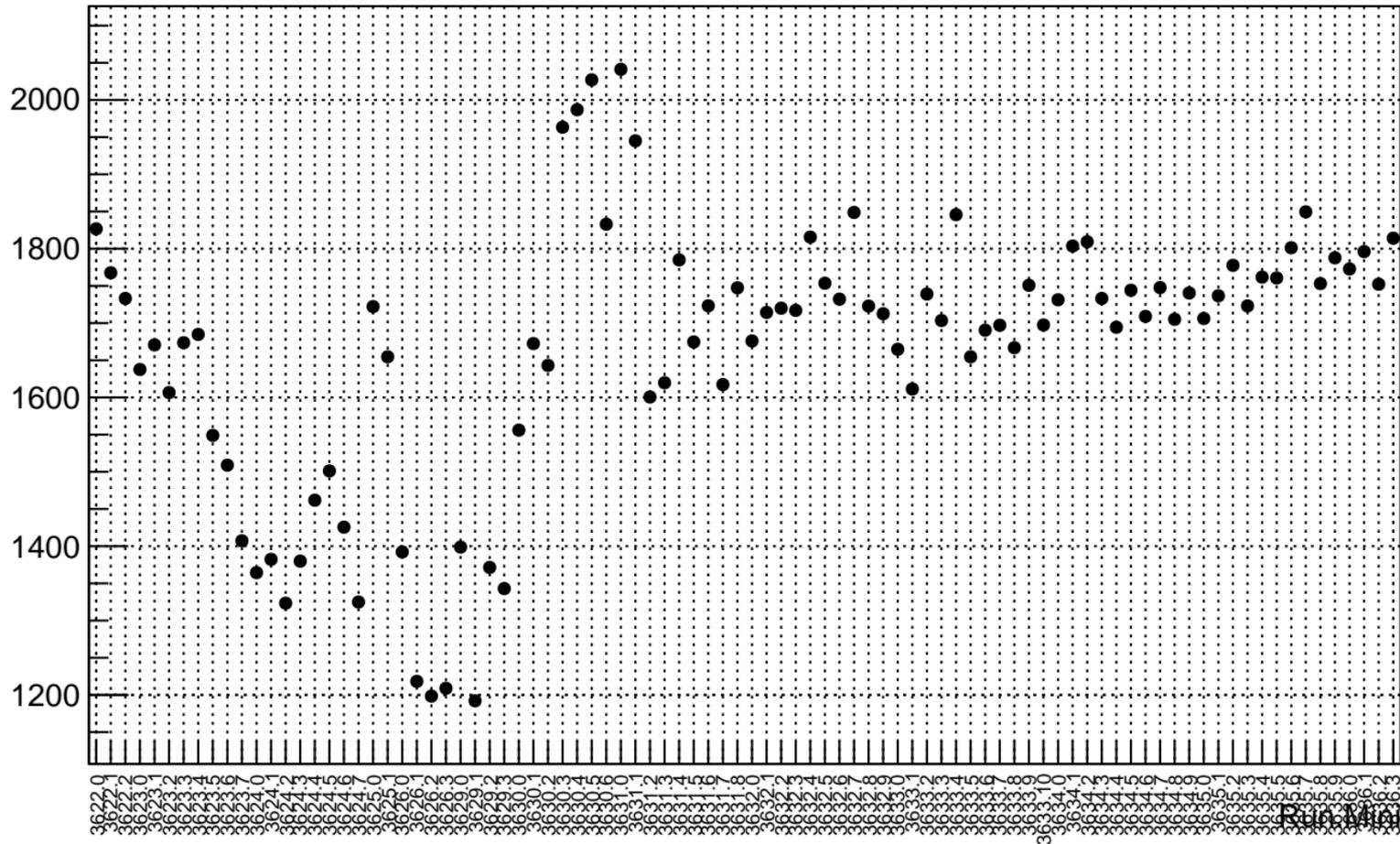


Run Num

reg_asym_sam3.rms/ppm



reg_asym_sam3.rms/ppm



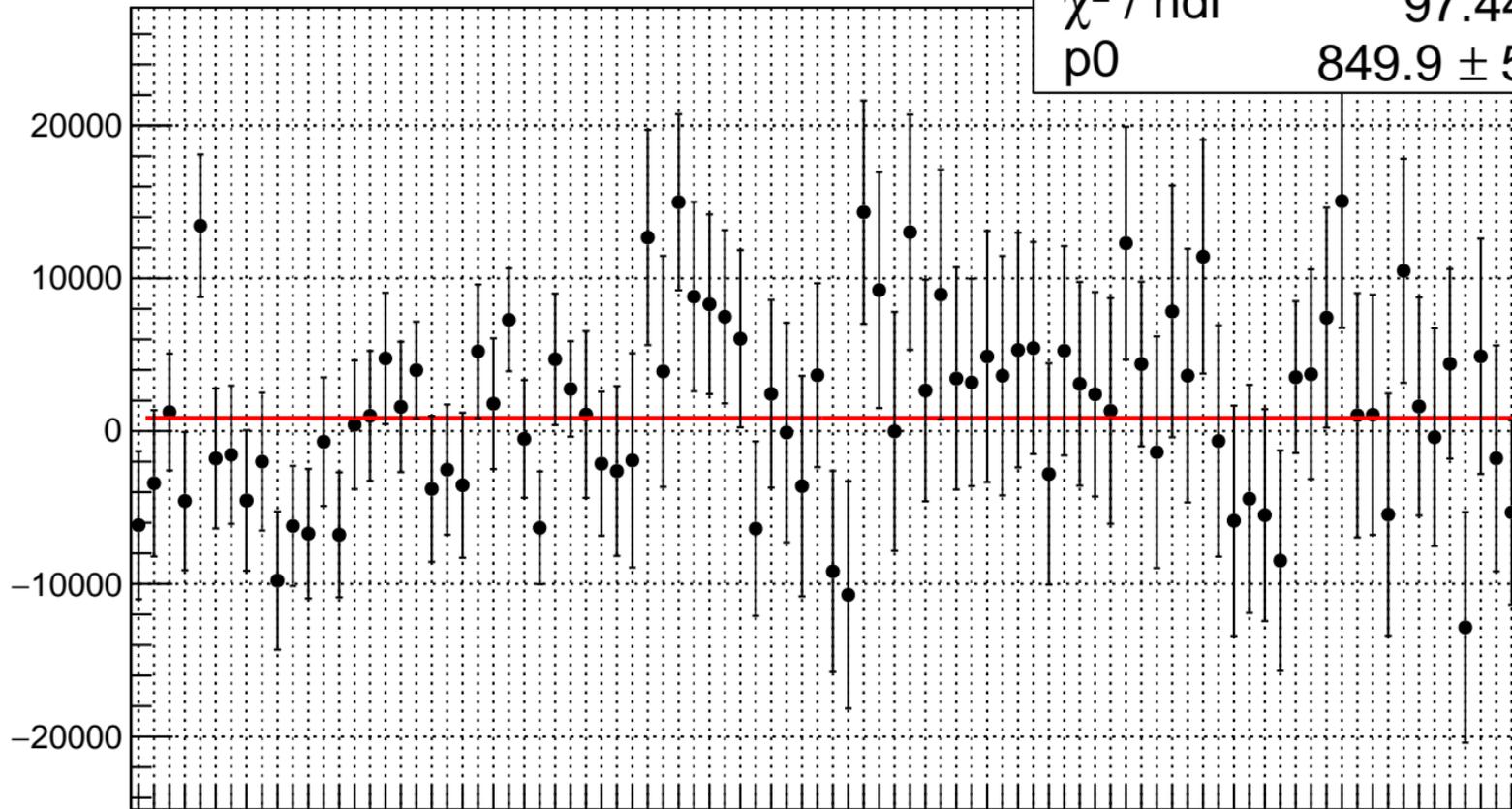
reg_asym_sam_48_avg.mean/ppb

χ^2 / ndf

97.44 / 89

p0

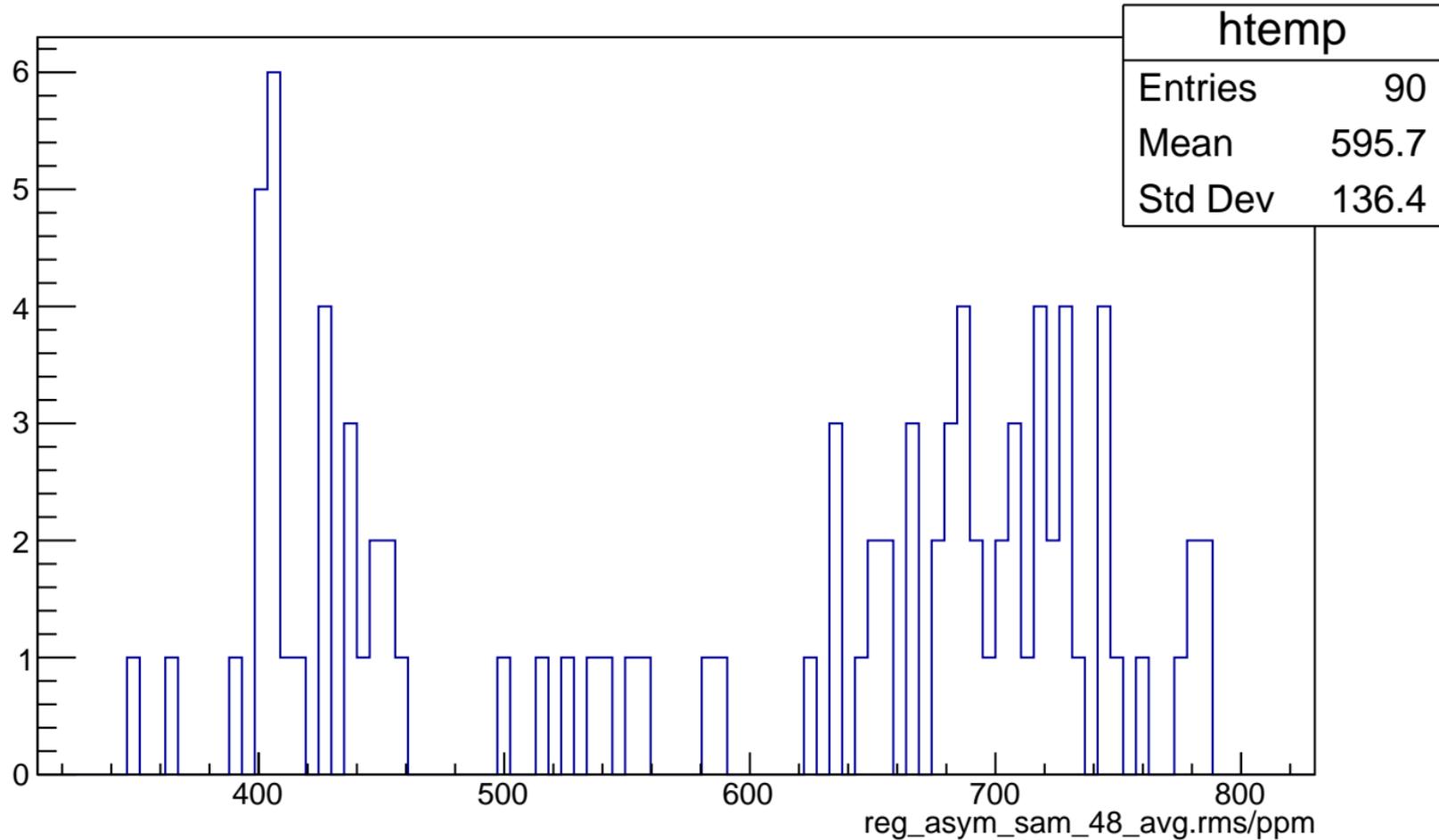
849.9 ± 577.9



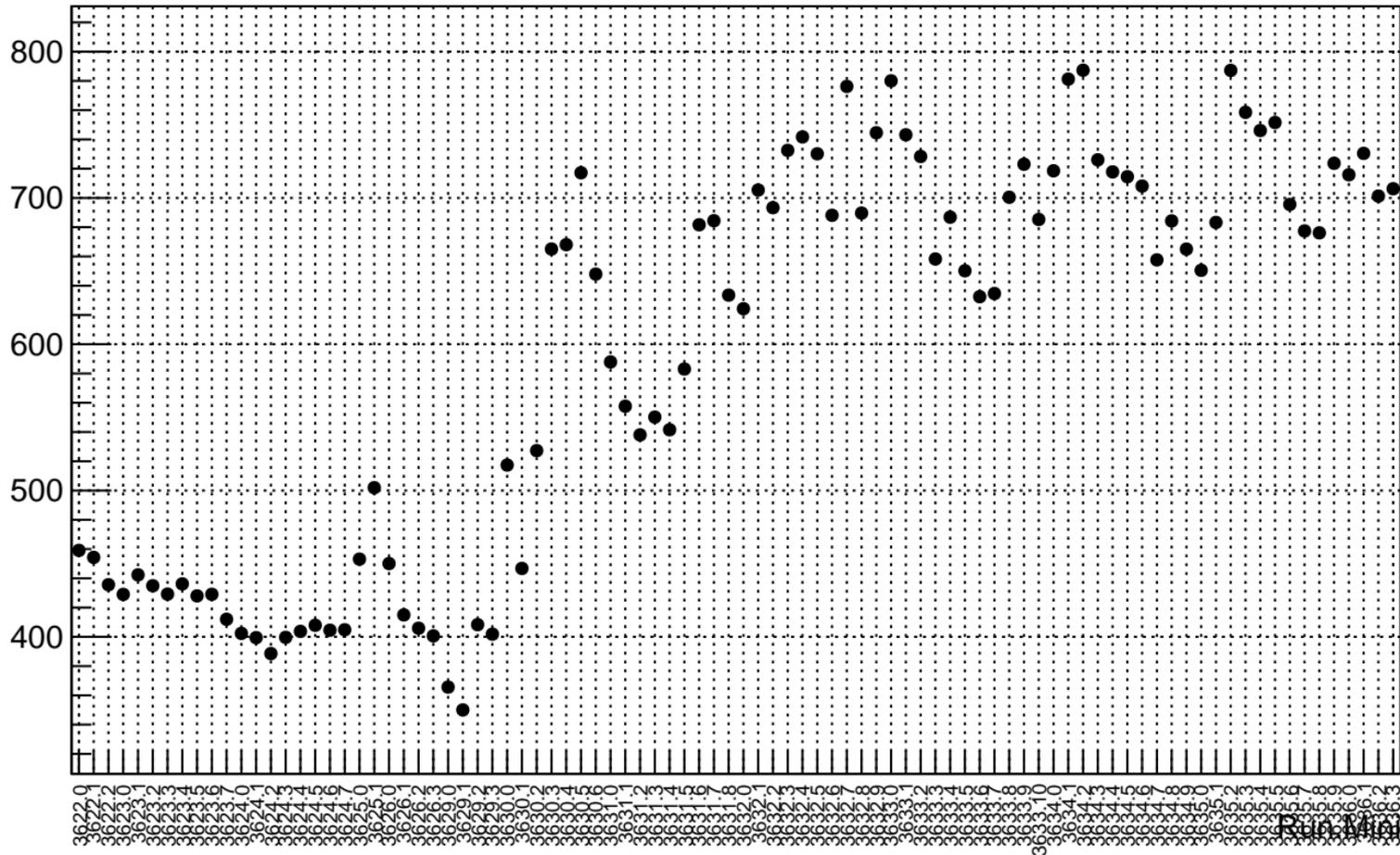
0 10 20 30 40 50 60 70 80 90 100

Run: 48

reg_asym_sam_48_avg.rms/ppm



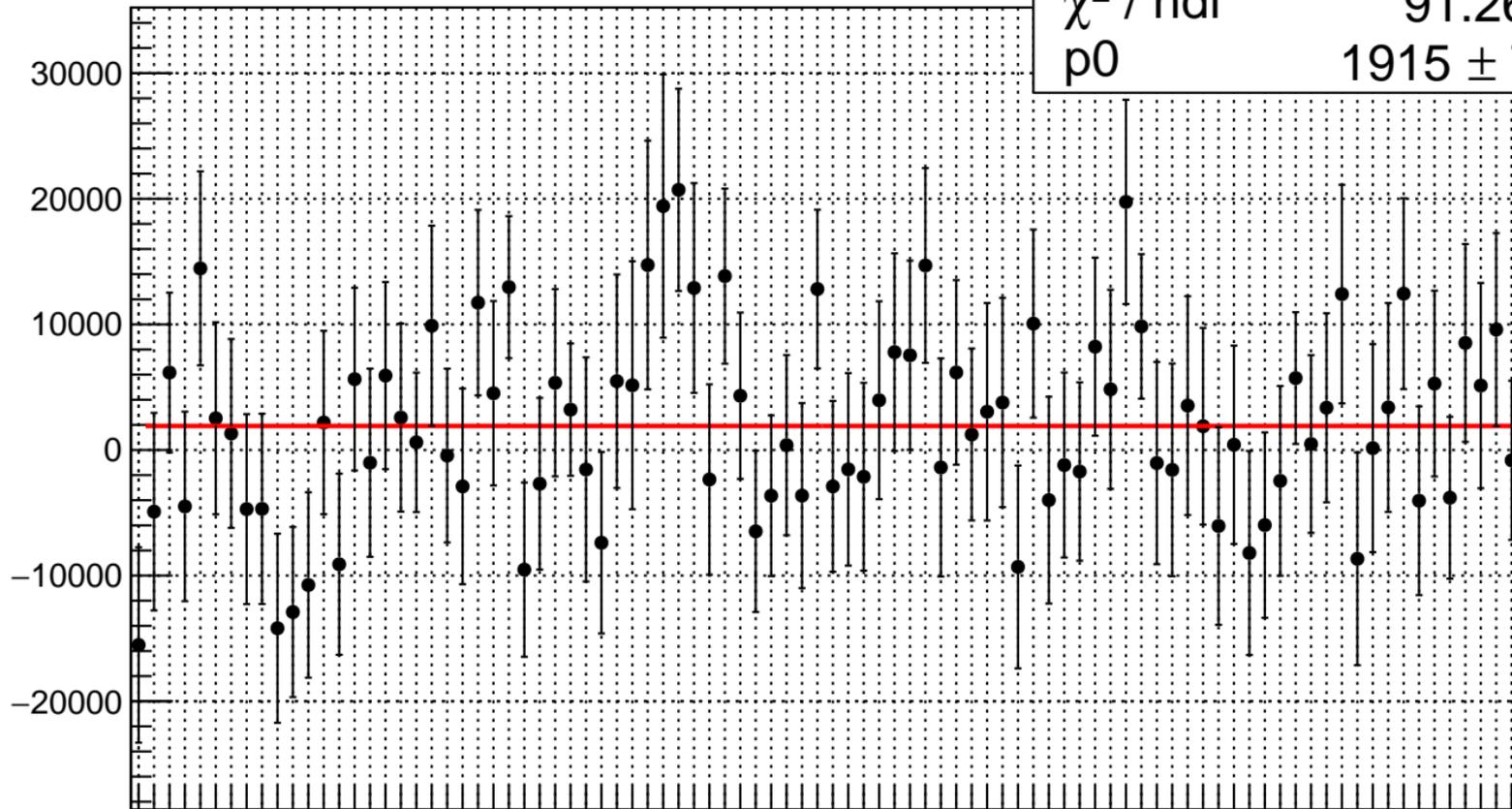
reg_asym_sam_48_avg.rms/ppm



reg_asym_sam_48_dd.mean/ppb

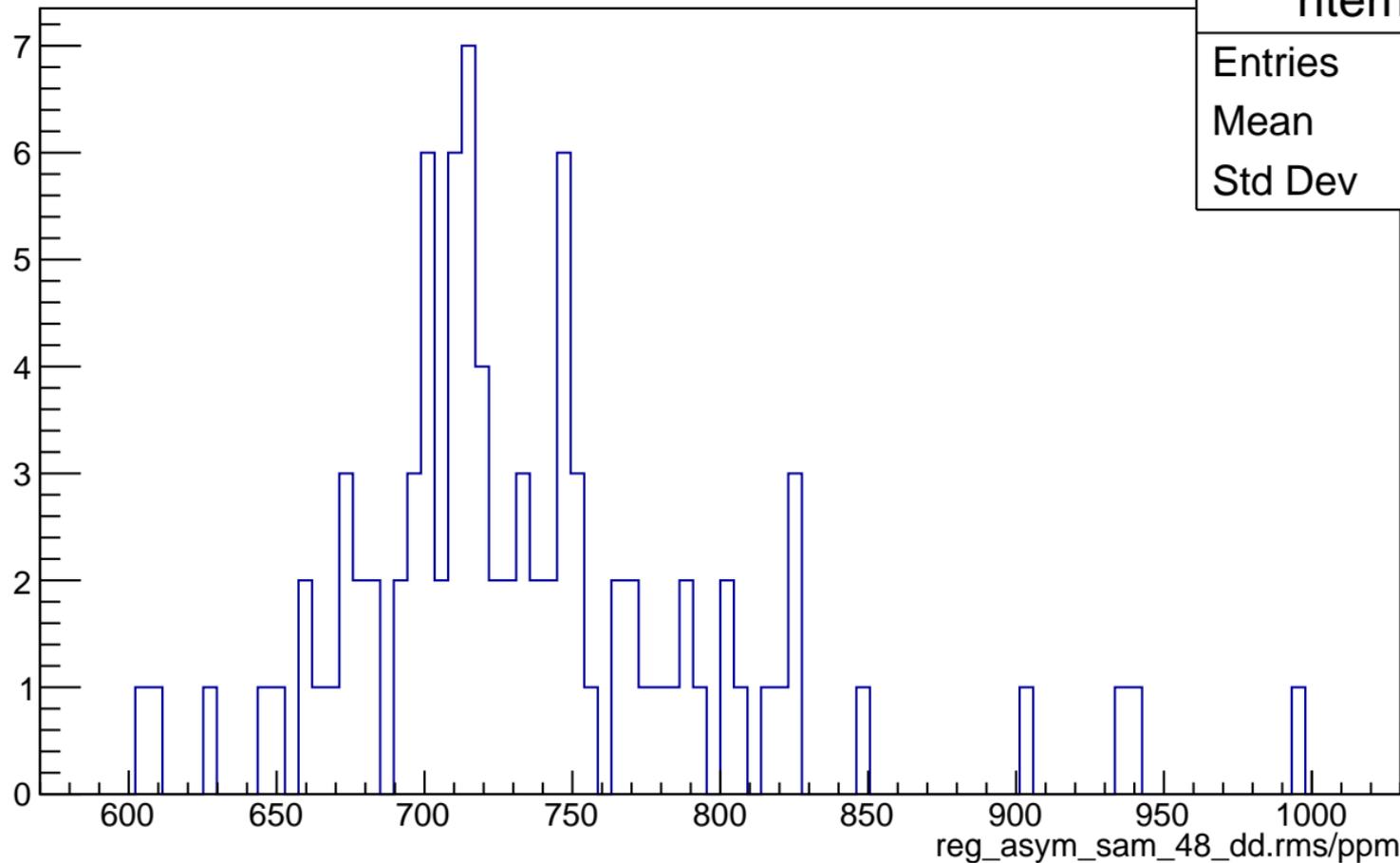
χ^2 / ndf
p0

91.26 / 89
 1915 ± 778.1



0 10000 20000 30000
-20000 -10000 0 10000 20000 30000
Run 48

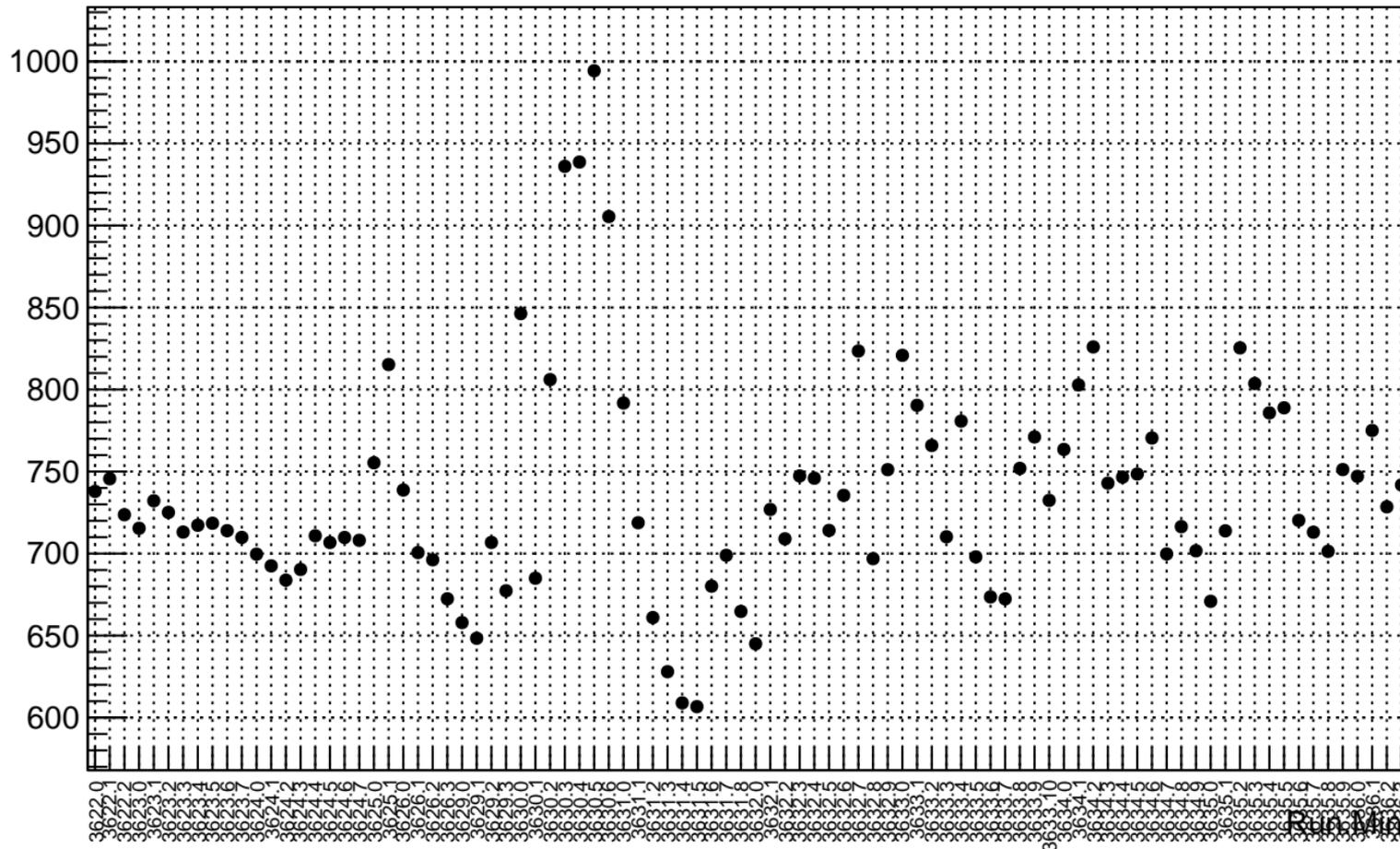
reg_asym_sam_48_dd.rms/ppm



htemp

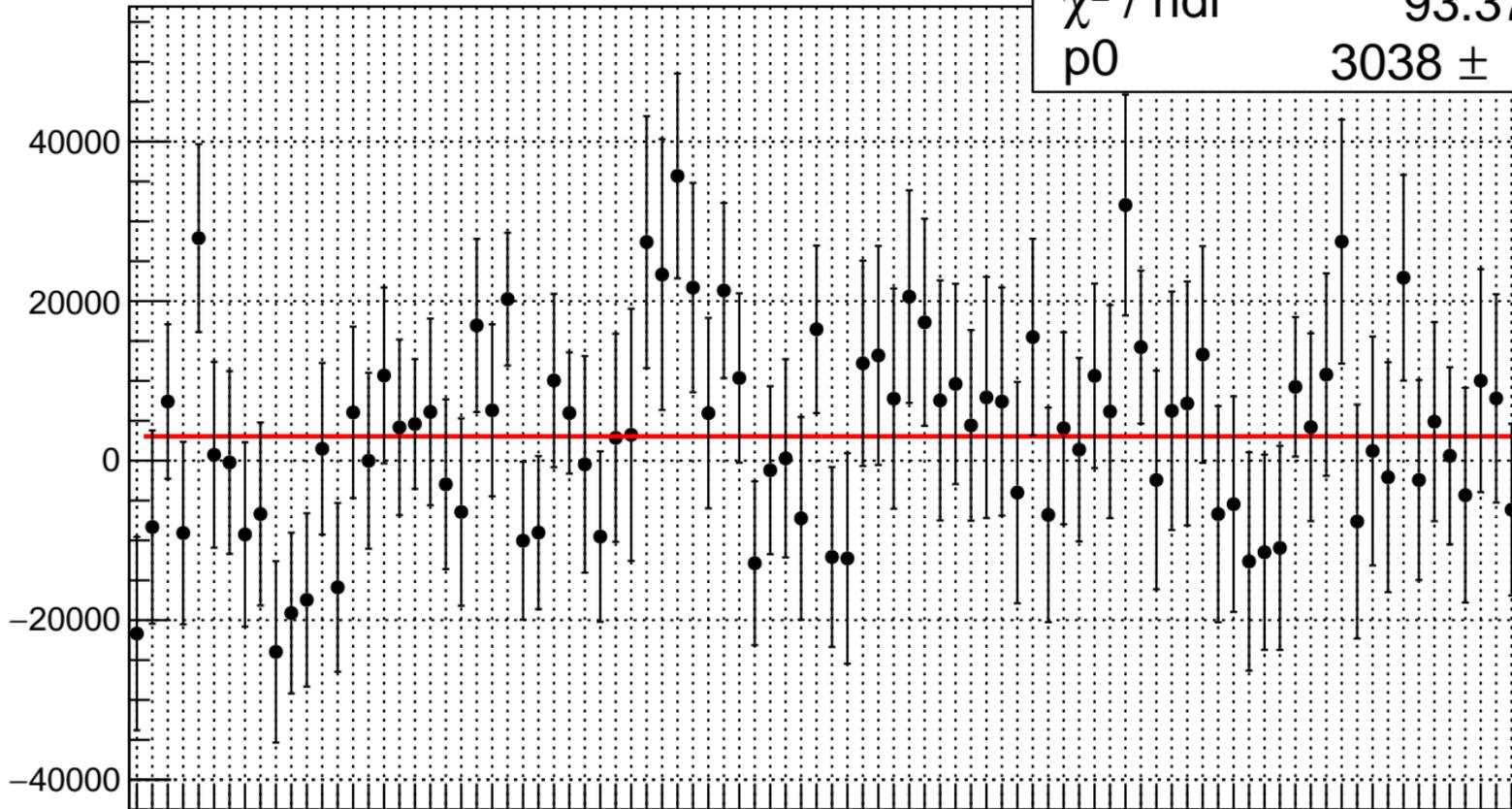
Entries	90
Mean	736
Std Dev	66.09

reg_asym_sam_48_dd.rms/ppm



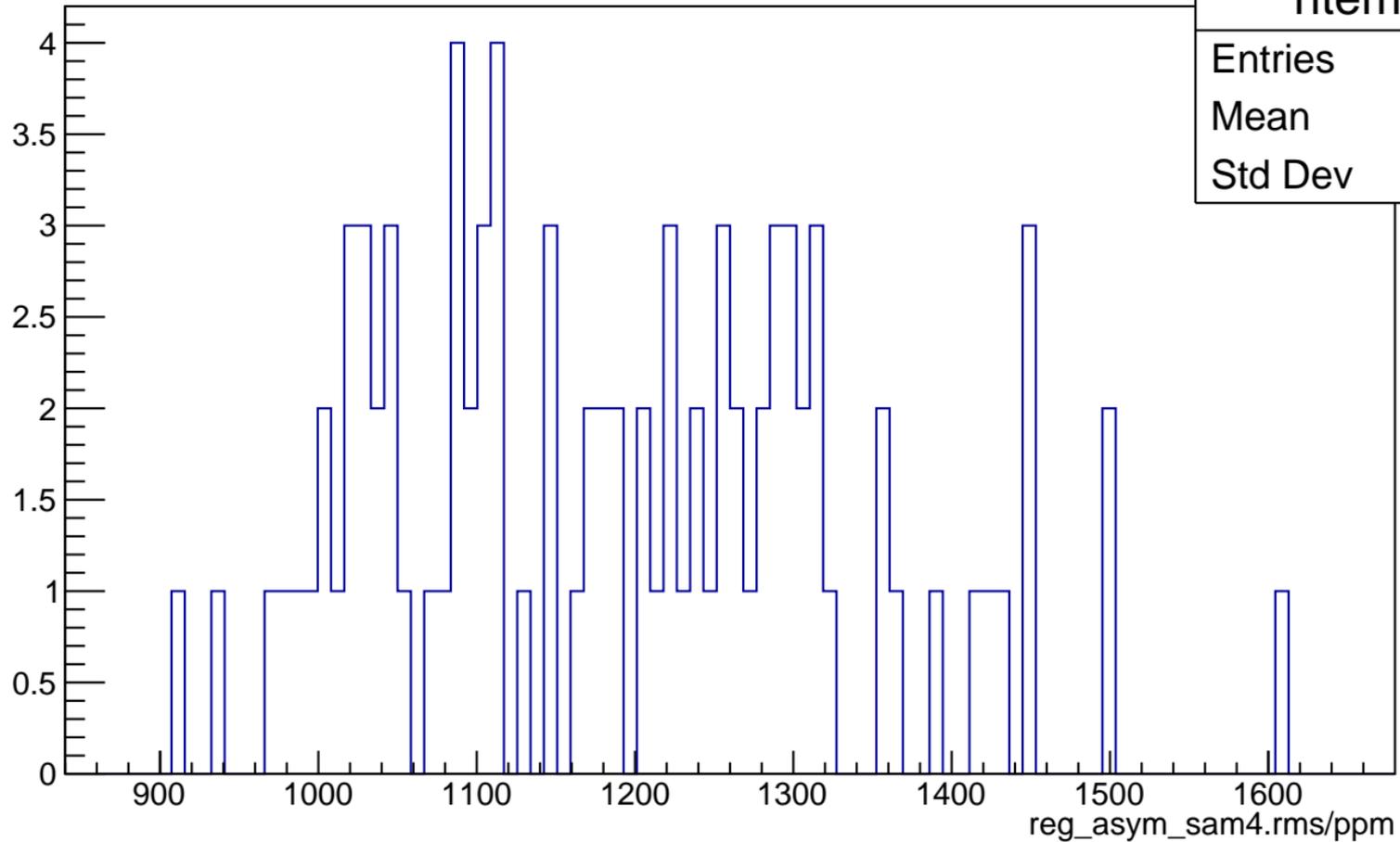
reg_asym_sam4.mean/ppb

χ^2 / ndf 93.37 / 89
p0 3038 \pm 1244



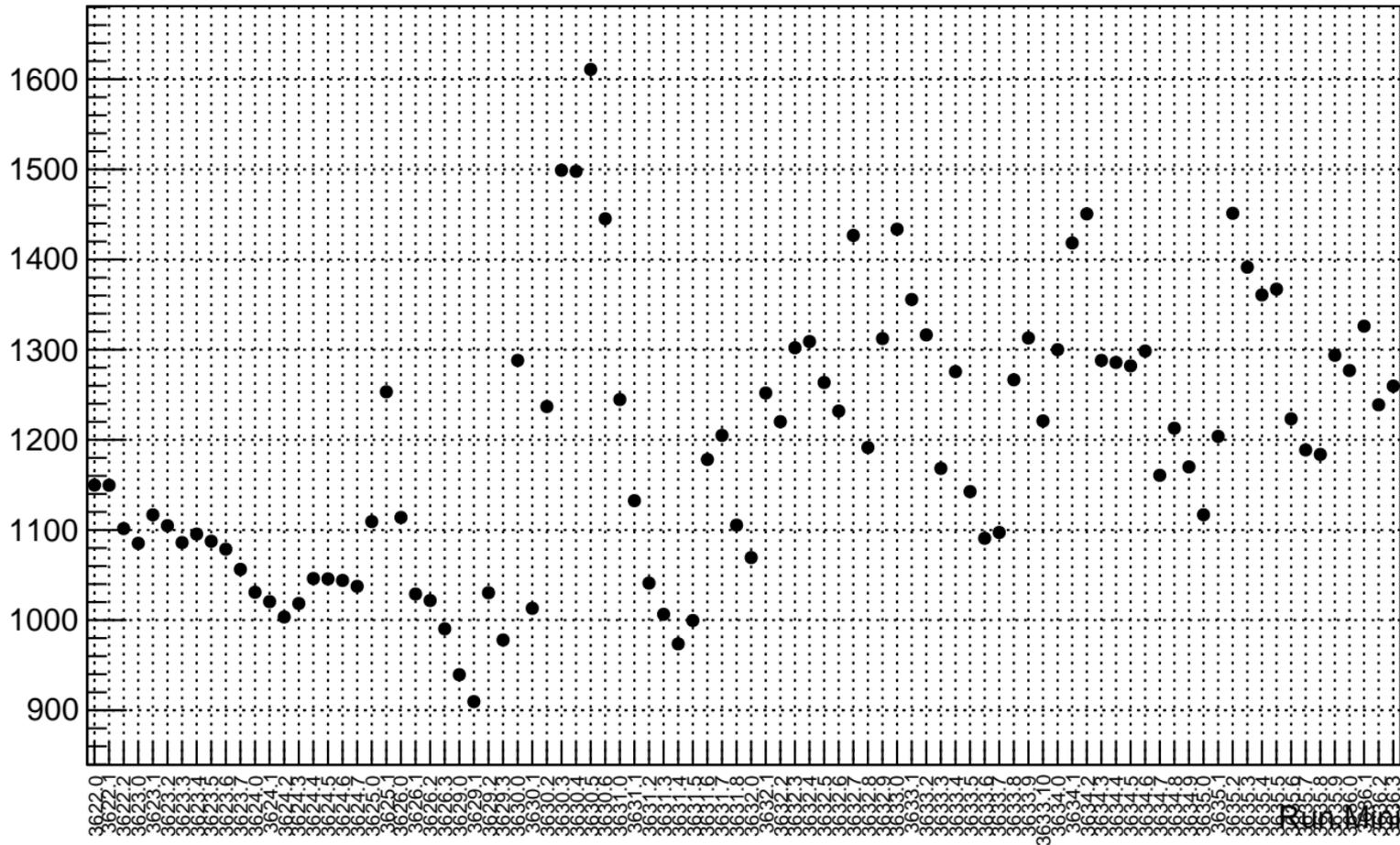
Run

reg_asym_sam4.rms/ppm



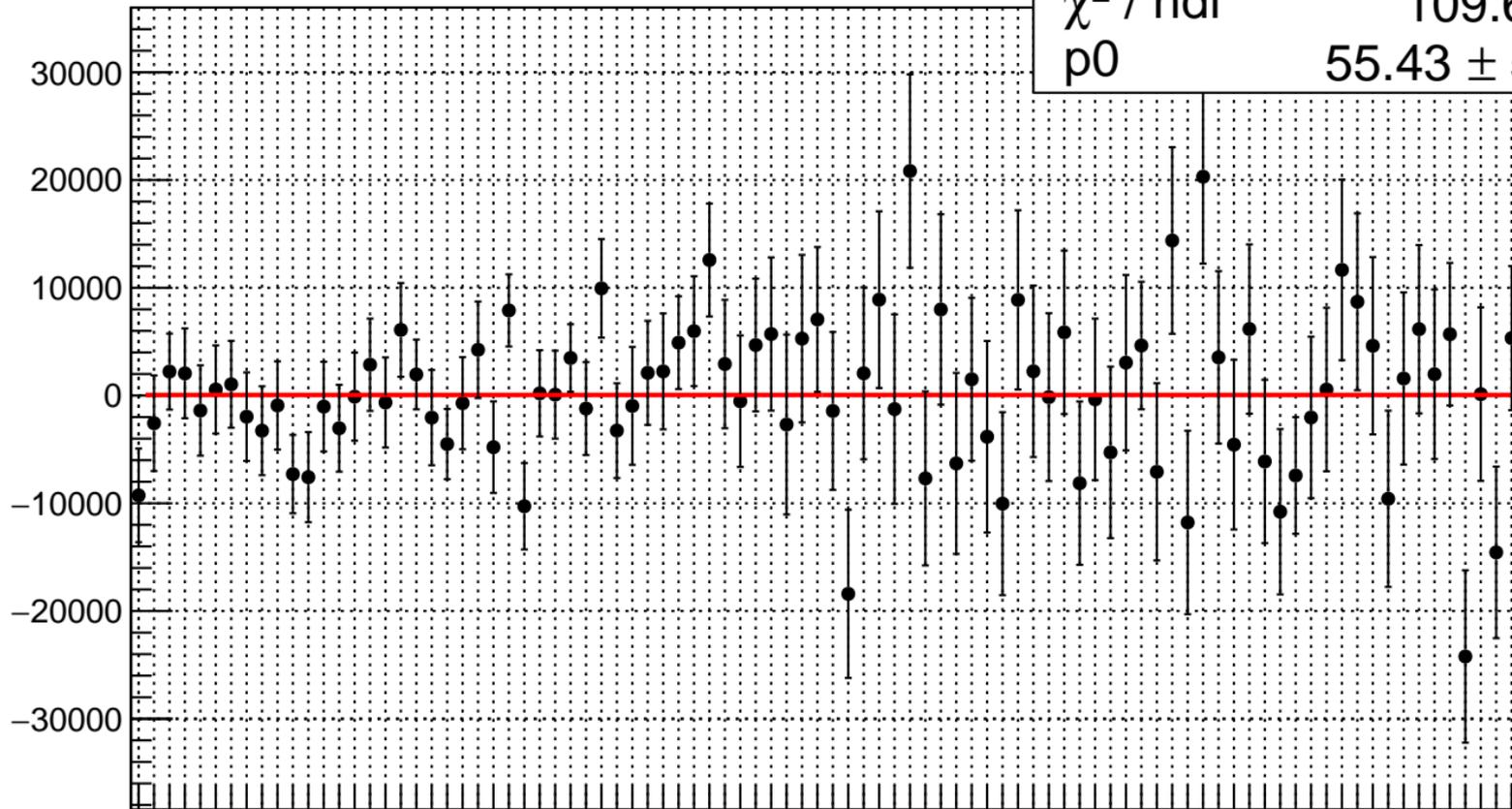
htemp	
Entries	90
Mean	1191
Std Dev	146.1

reg_asym_sam4.rms/ppm



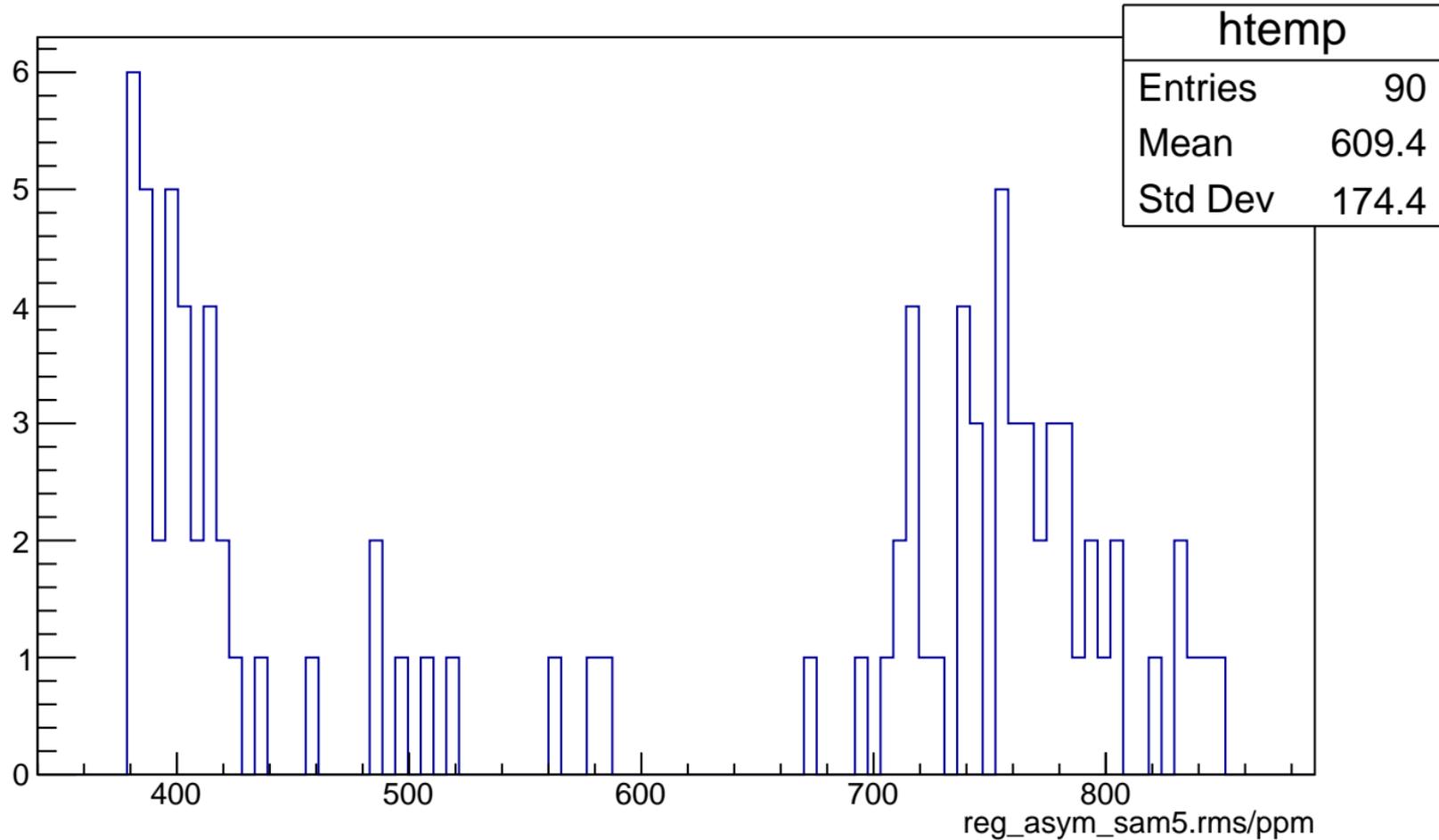
reg_asym_sam5.mean/ppb

χ^2 / ndf 109.6 / 89
p0 55.43 ± 564.1

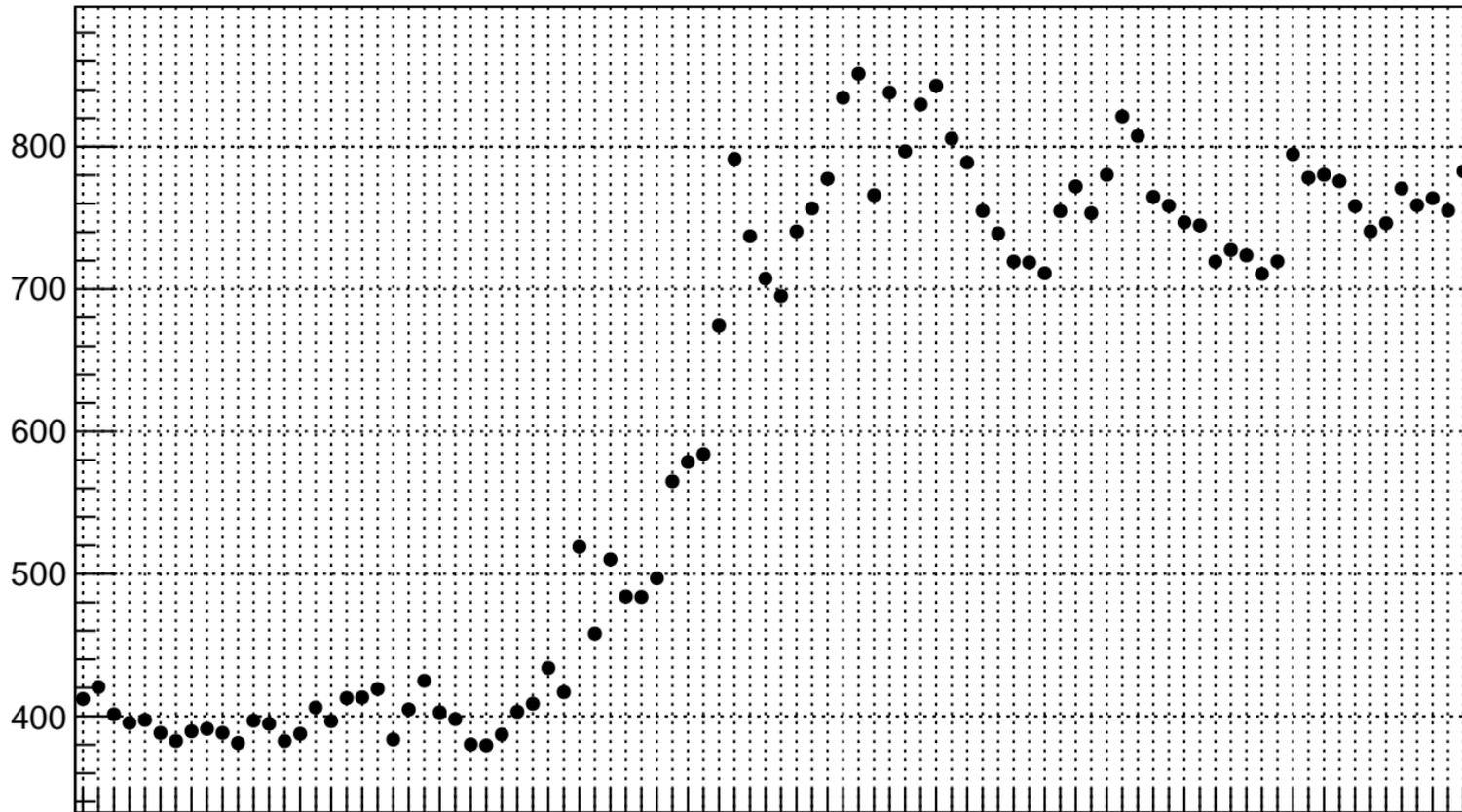


Run Number

reg_asym_sam5.rms/ppm

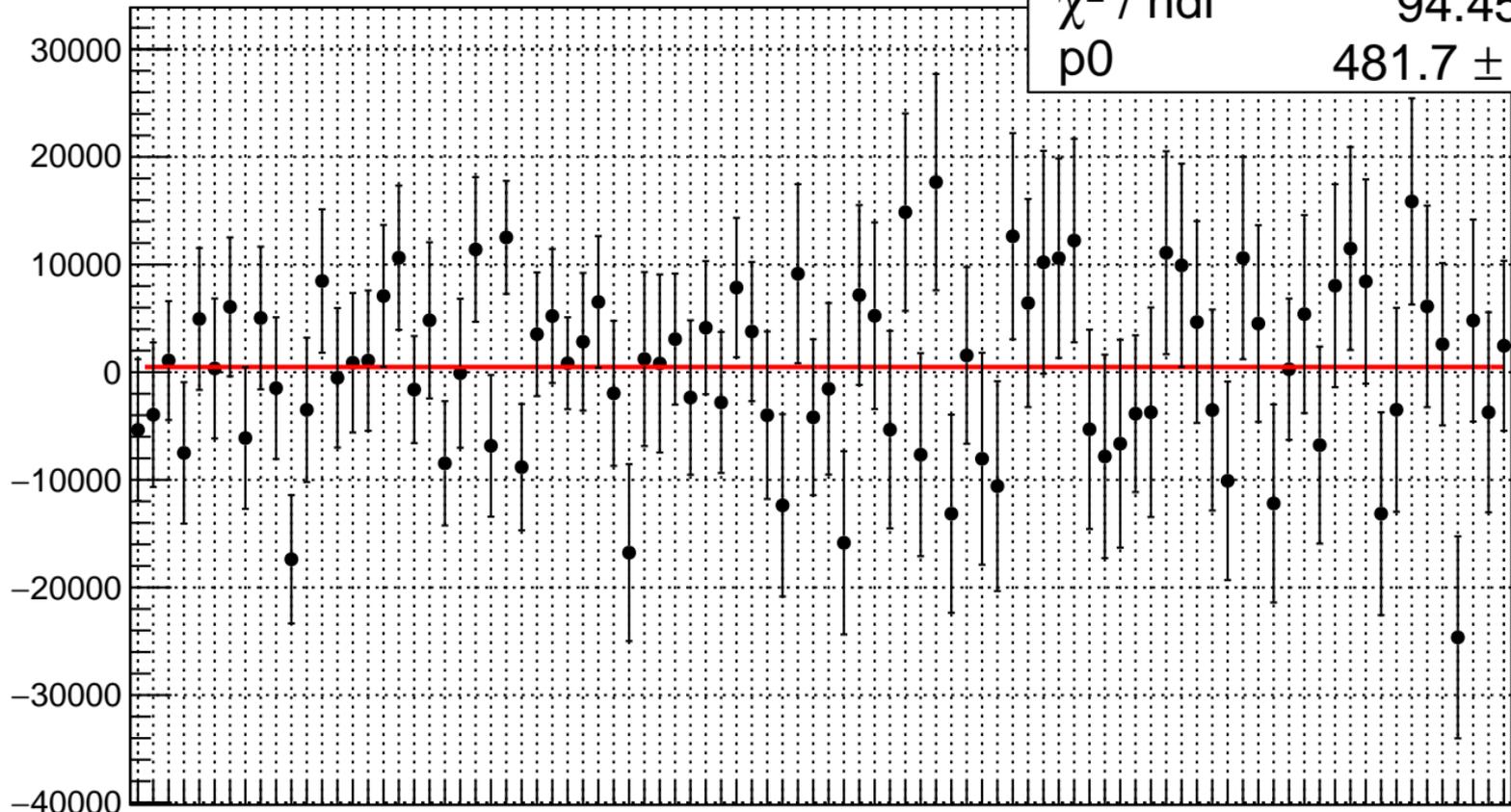


reg_asym_sam5.rms/ppm



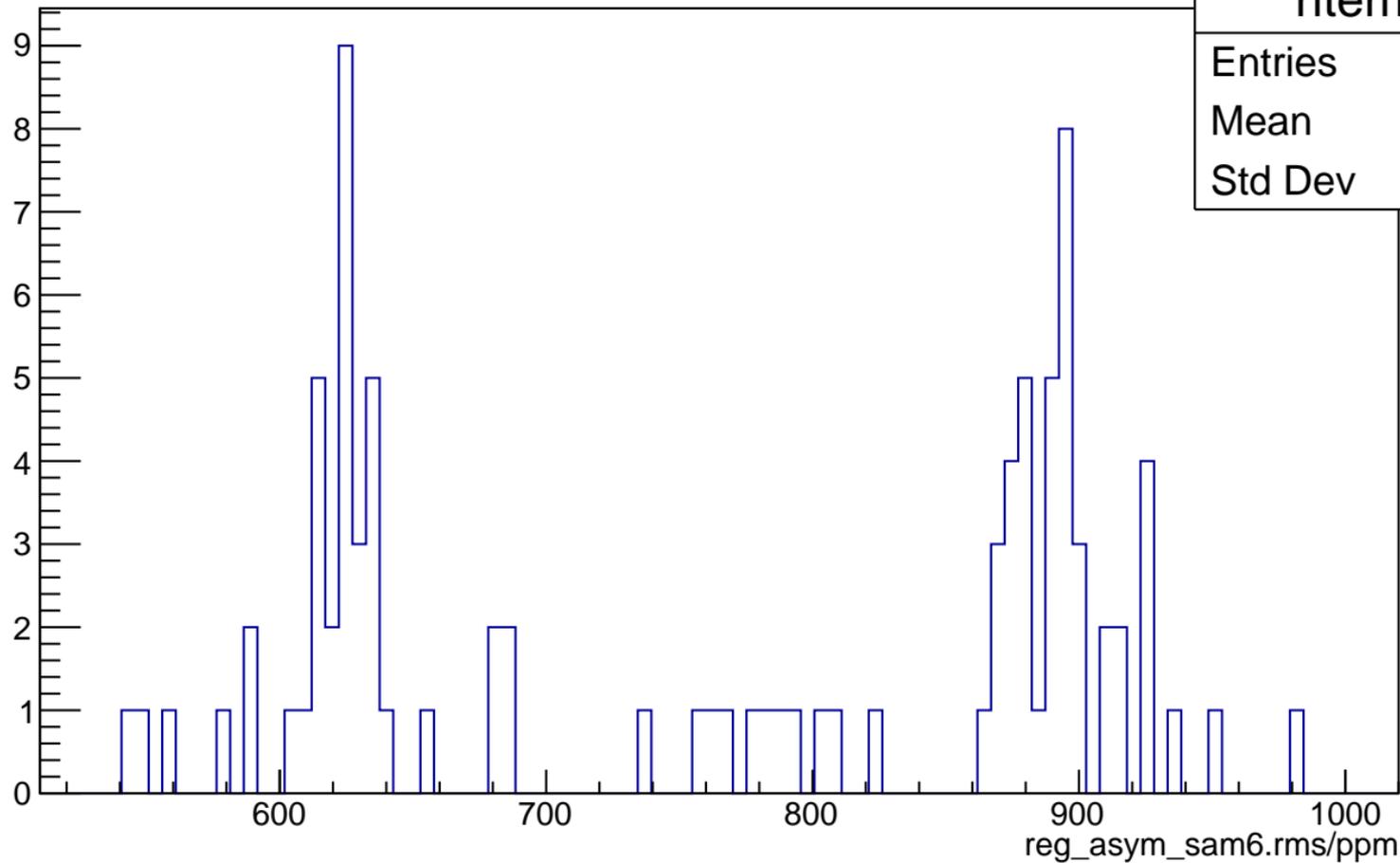
reg_asym_sam6.mean/ppb

χ^2 / ndf	94.45 / 89
p0	481.7 ± 781

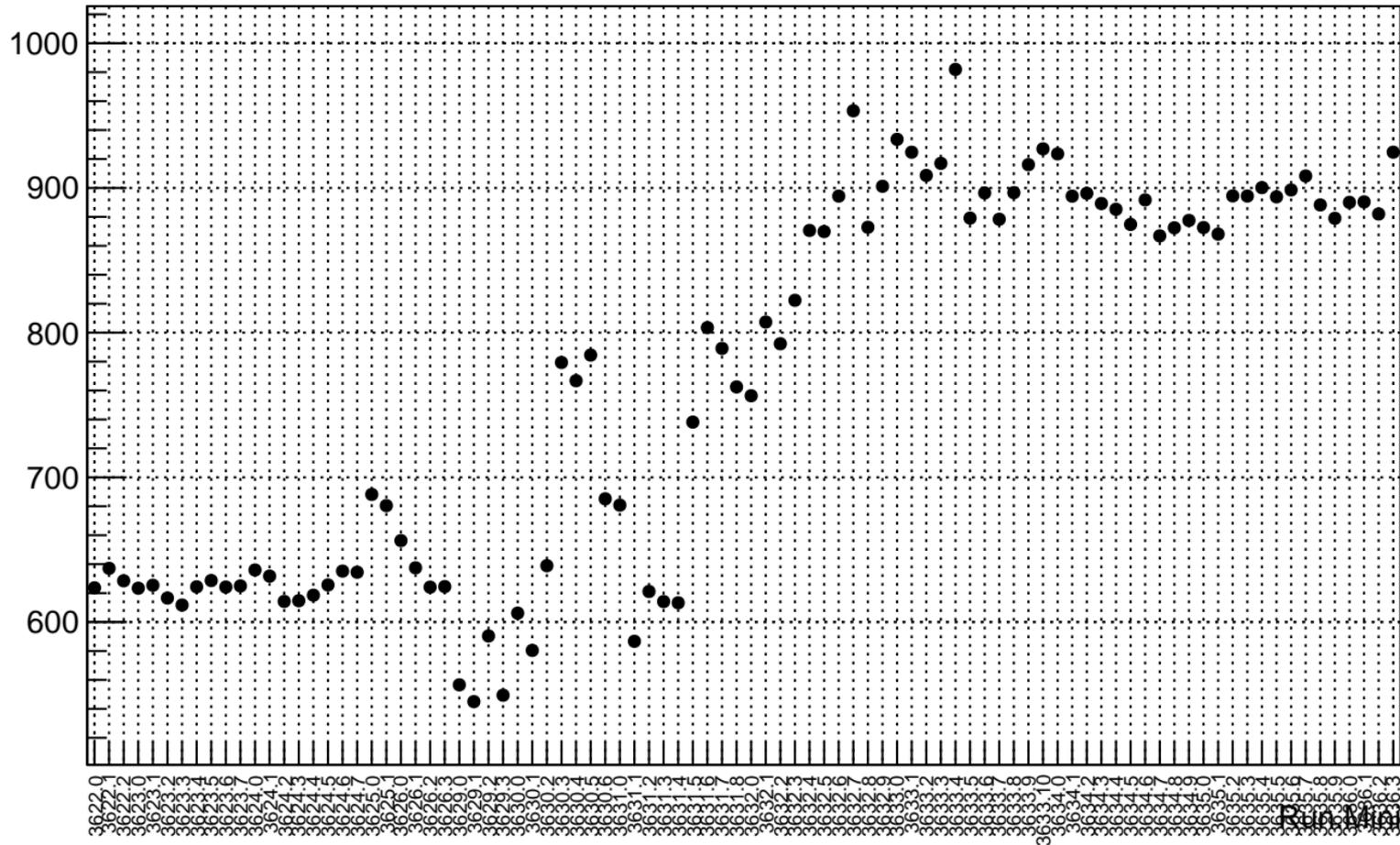


Run

reg_asym_sam6.rms/ppm

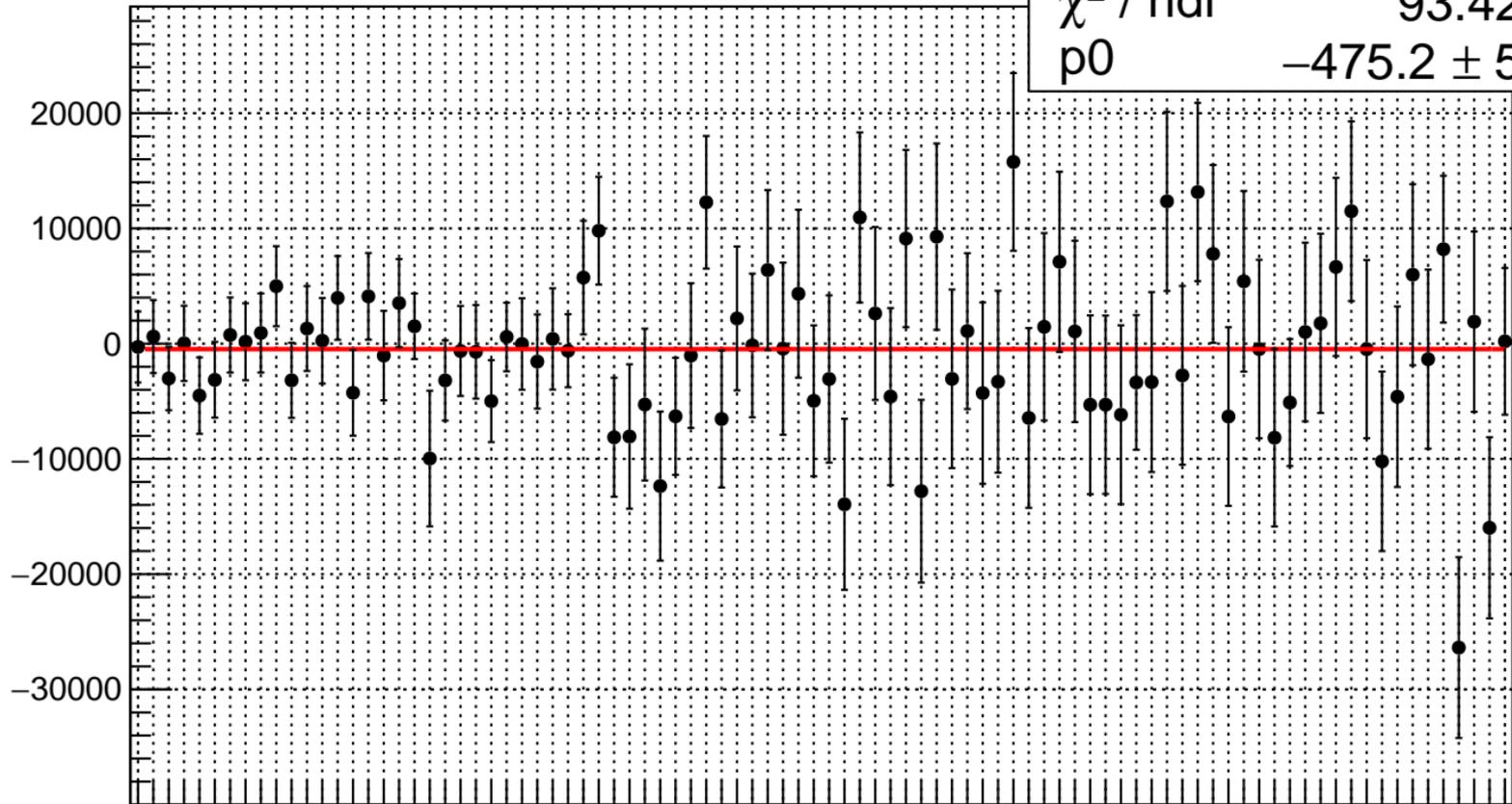


reg_asym_sam6.rms/ppm



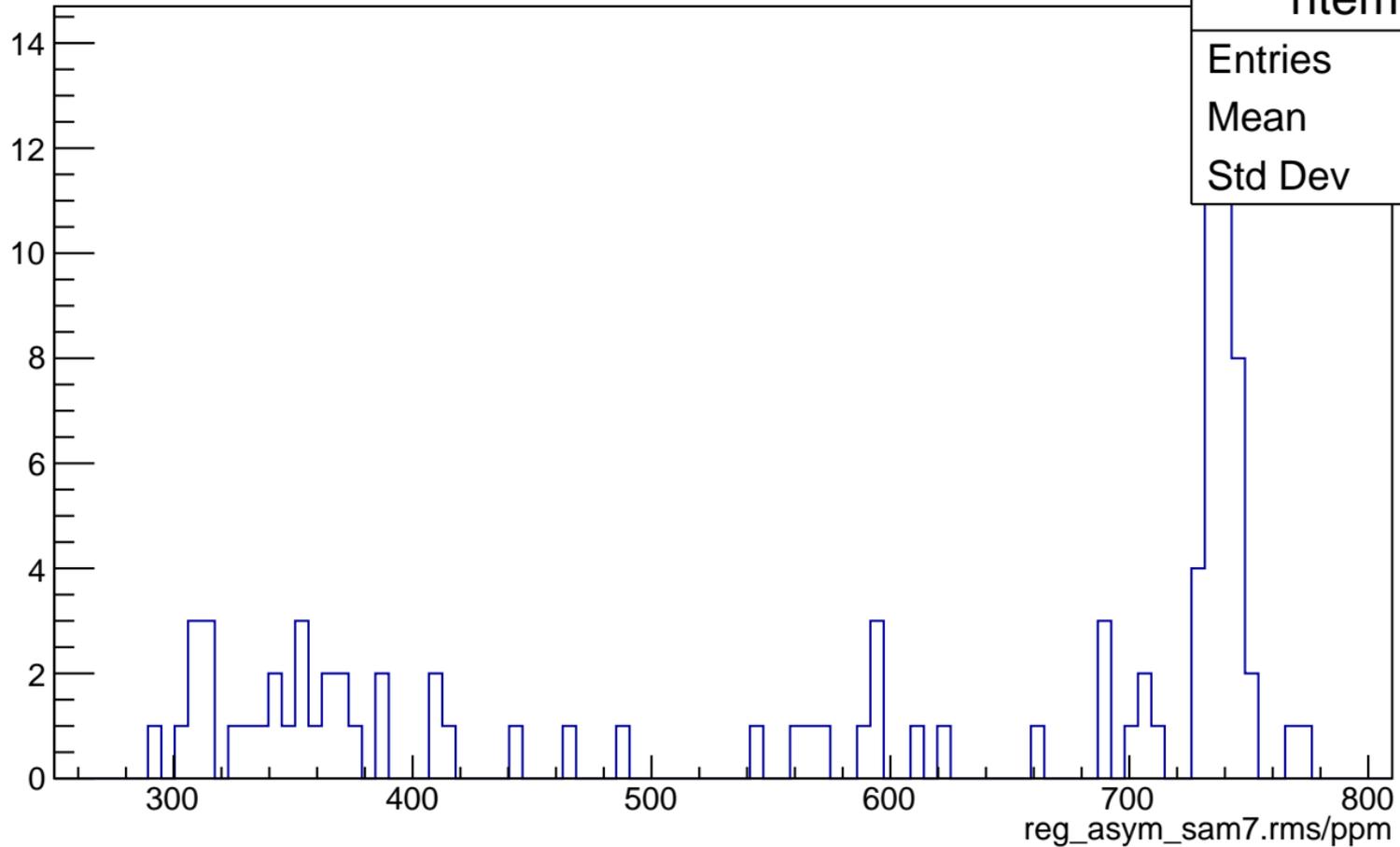
reg_asym_sam7.mean/ppb

χ^2 / ndf 93.42 / 89
p0 -475.2 ± 524.2

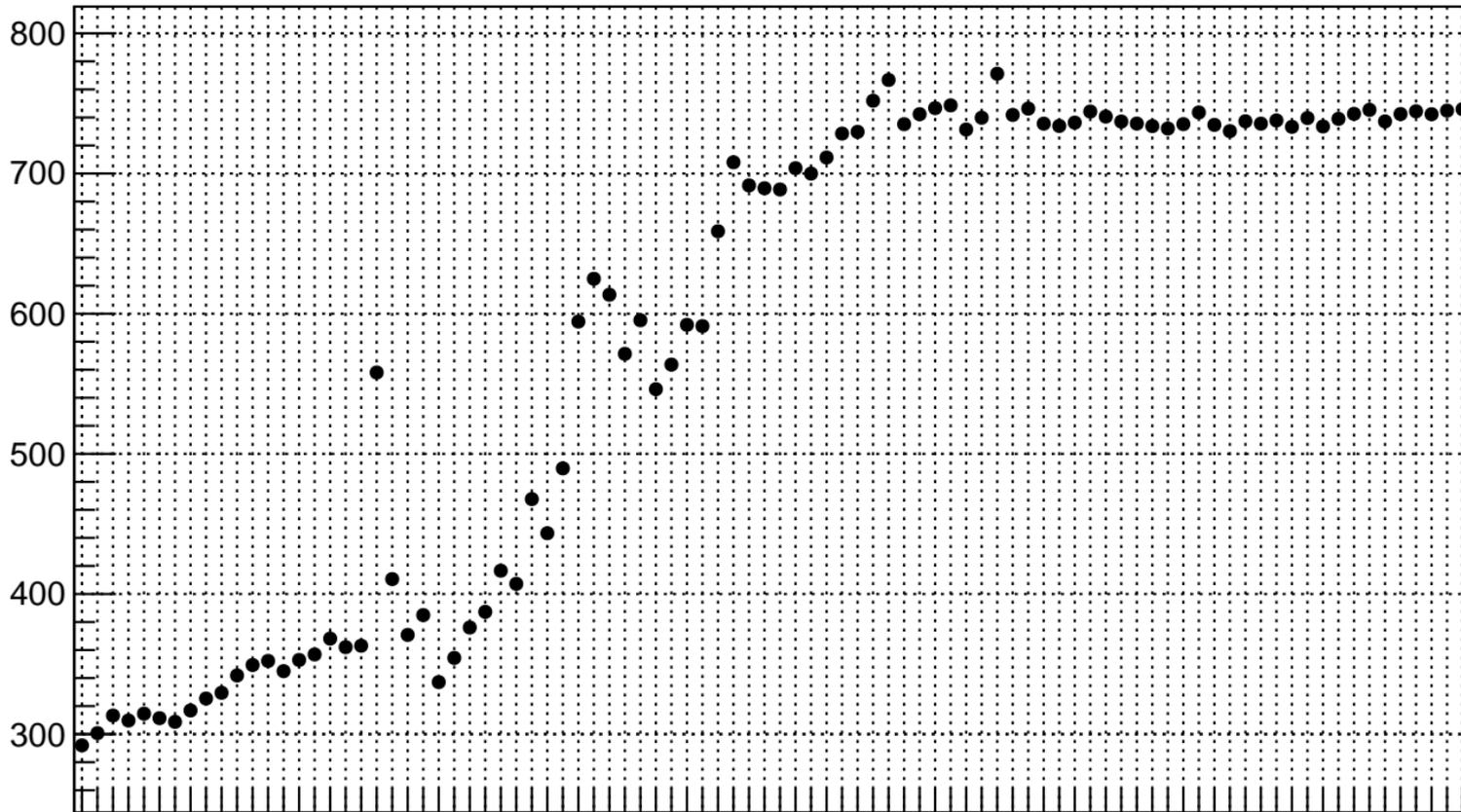


Run Num

reg_asym_sam7.rms/ppm

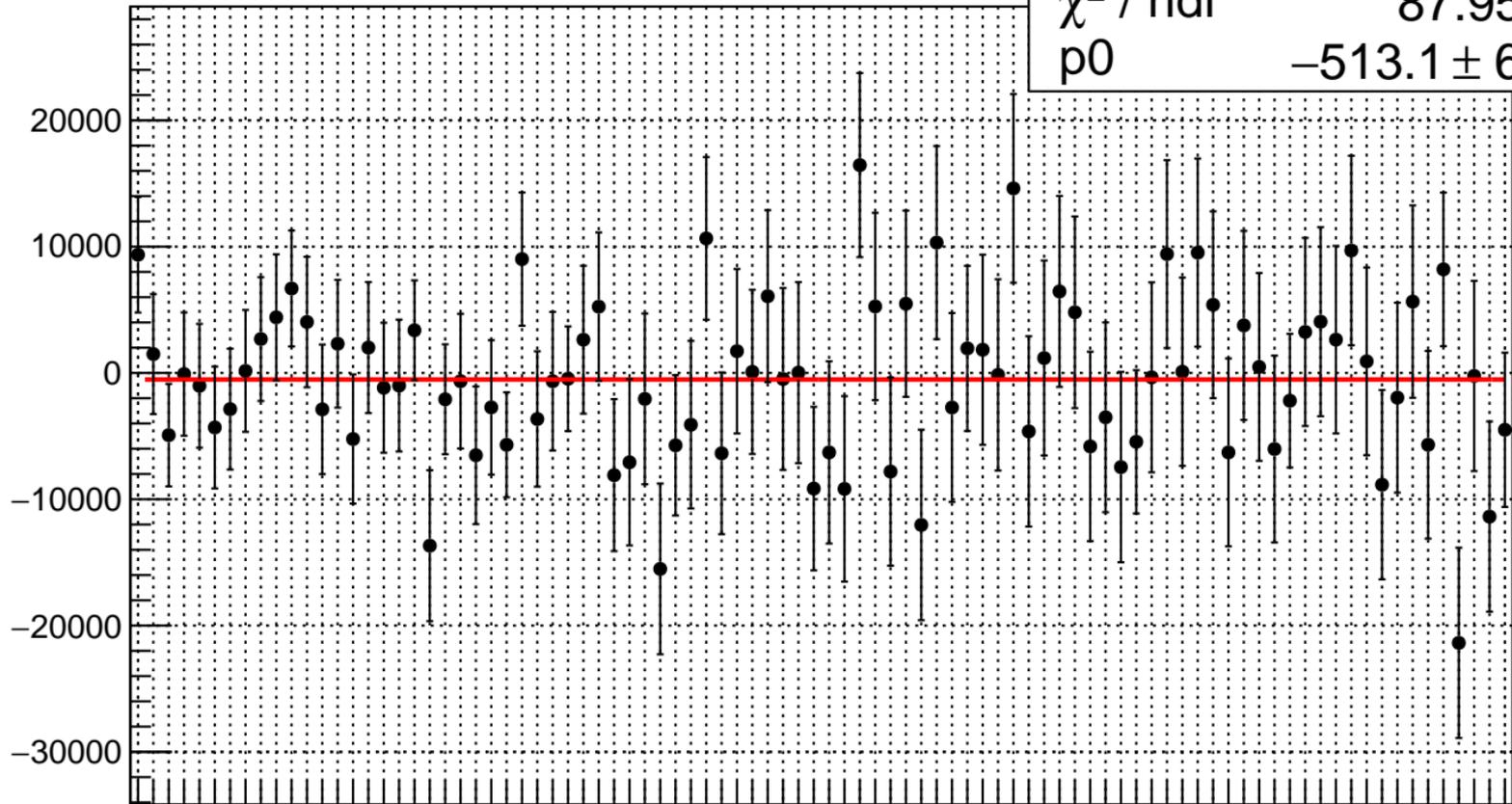


reg_asym_sam7.rms/ppm



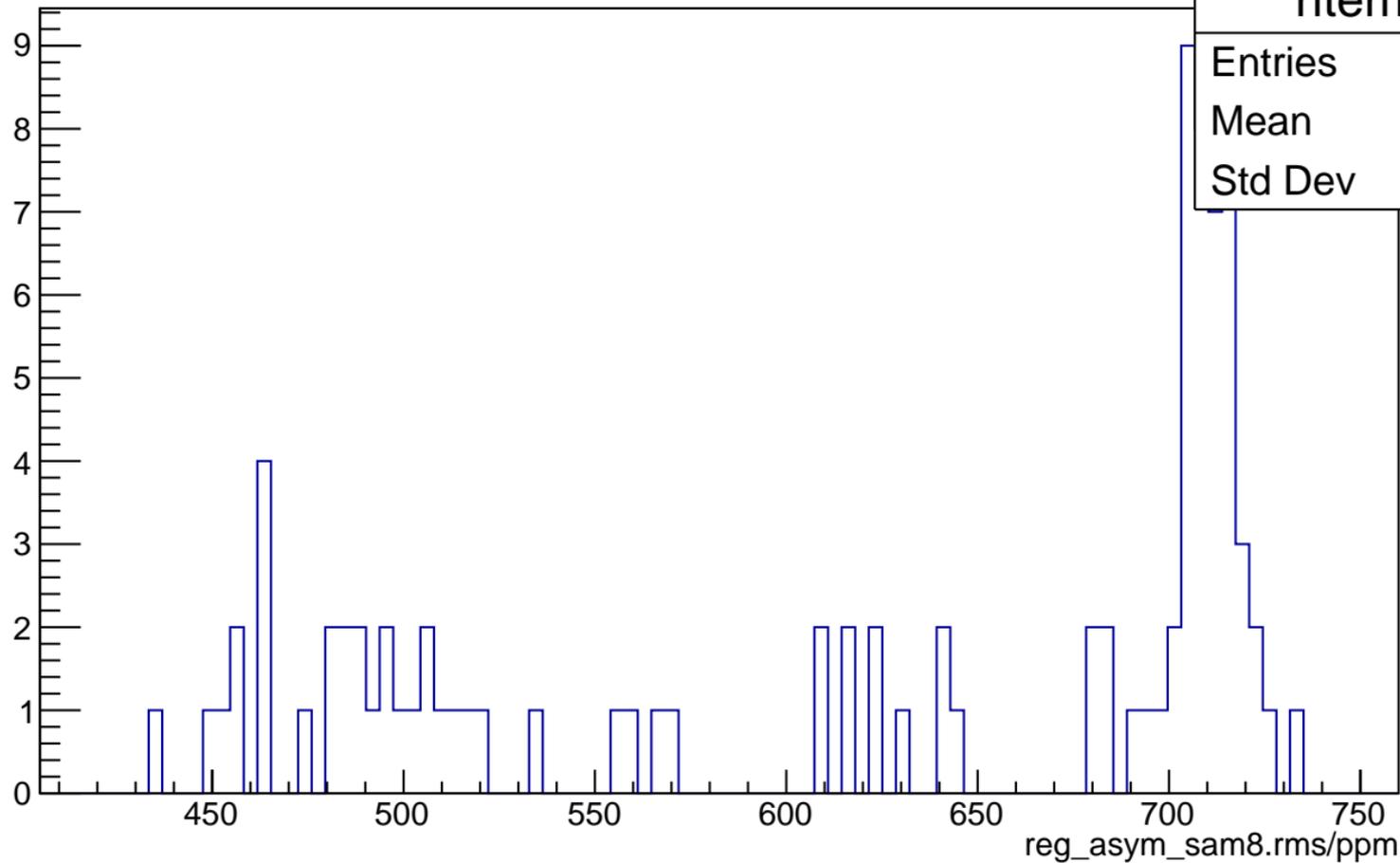
reg_asym_sam8.mean/ppb

χ^2 / ndf 87.95 / 89
p0 -513.1 ± 635.5

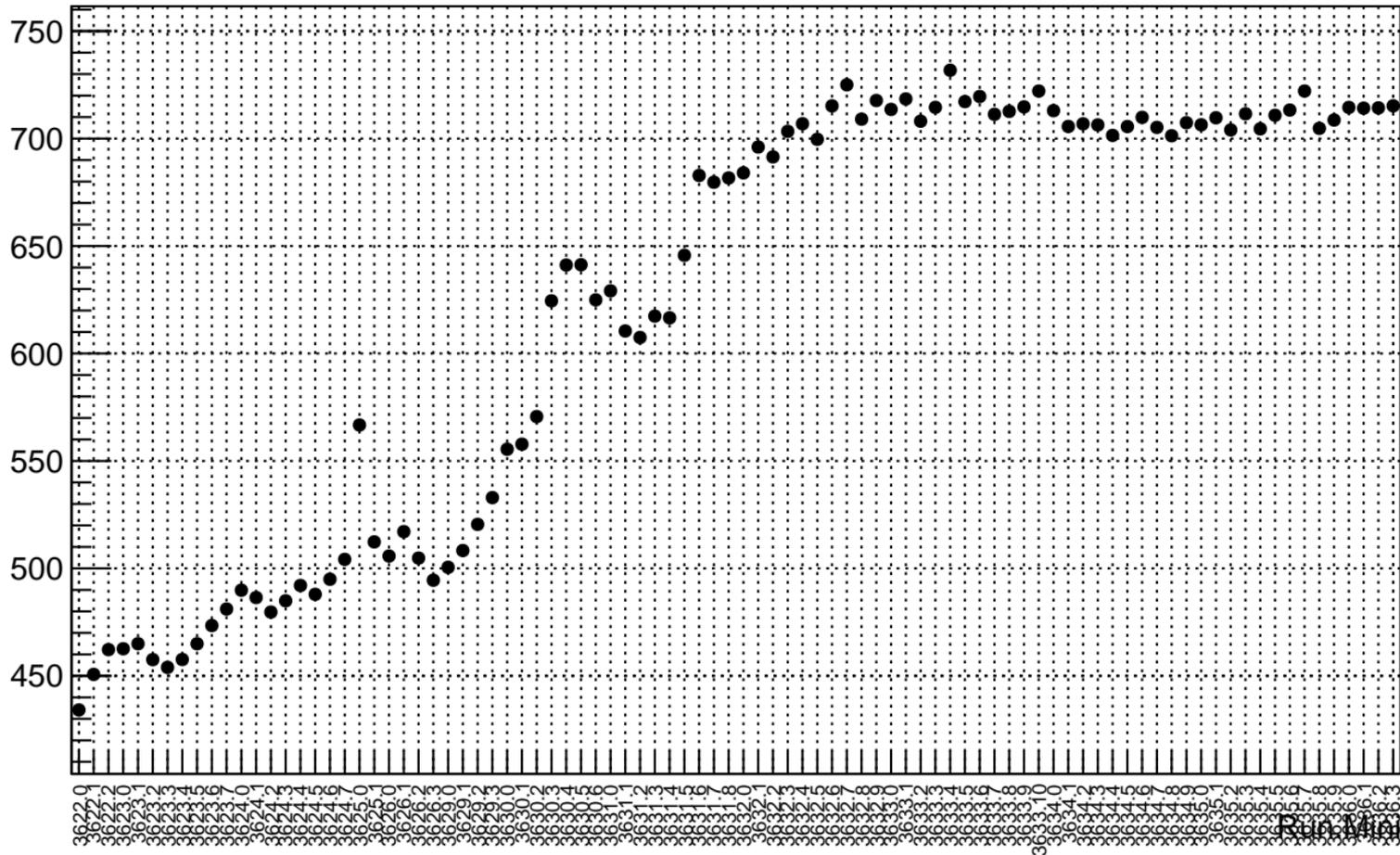


0 10 20 30 40 50 60 70 80 90 100
Run

reg_asym_sam8.rms/ppm



reg_asym_sam8.rms/ppm



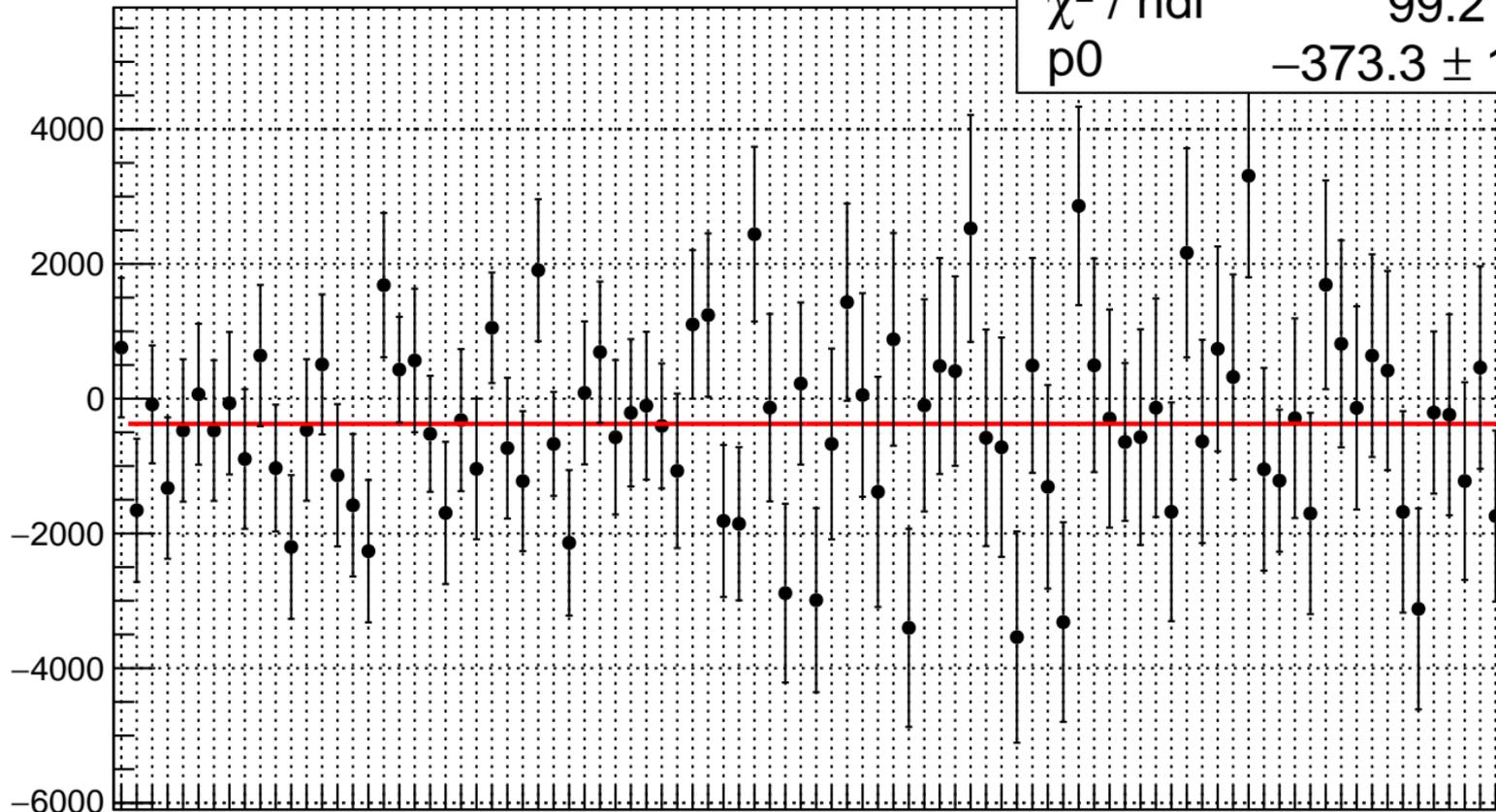
reg_asym_us_avg.mean/ppb

χ^2 / ndf

99.21 / 89

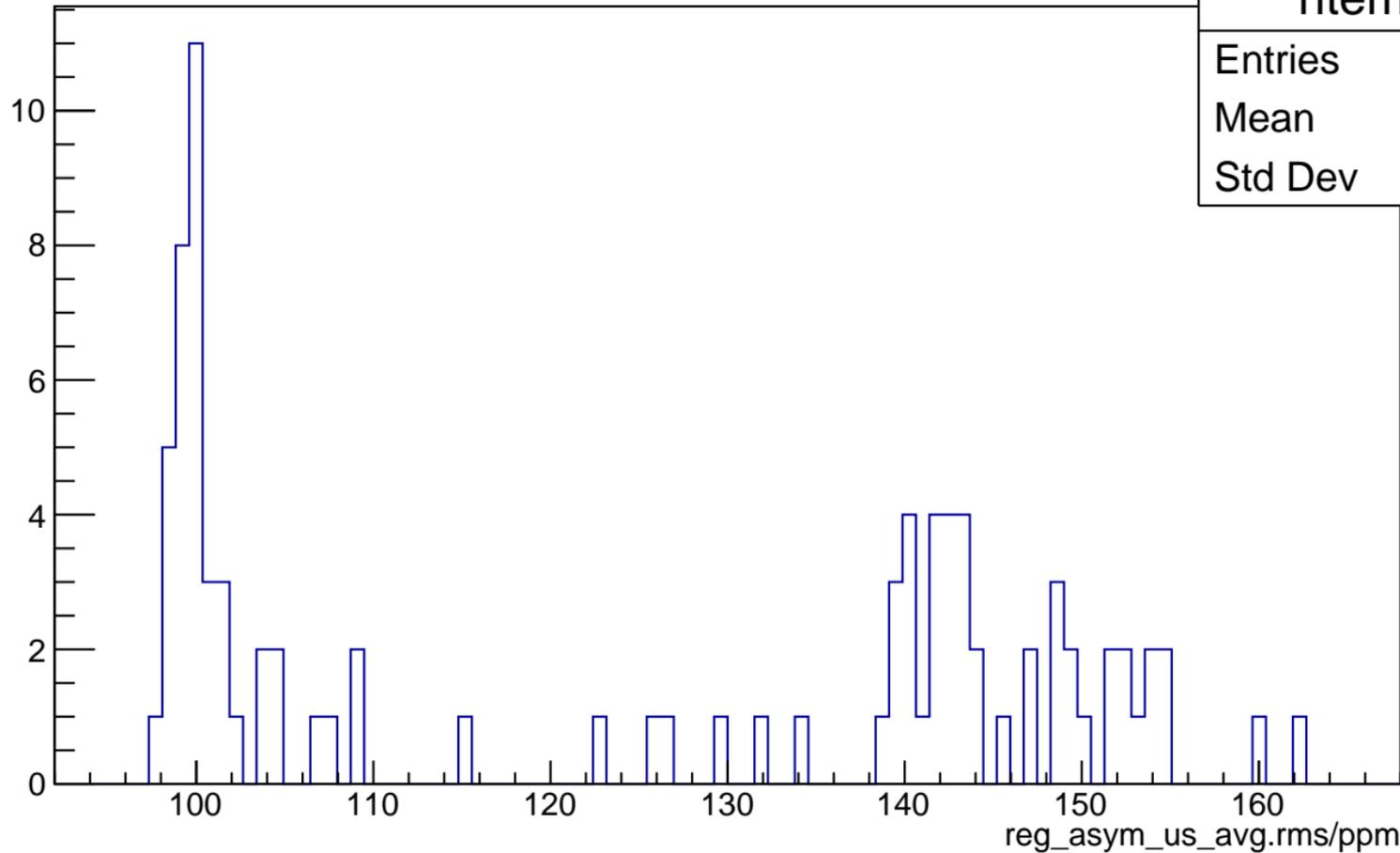
p0

-373.3 ± 126.6

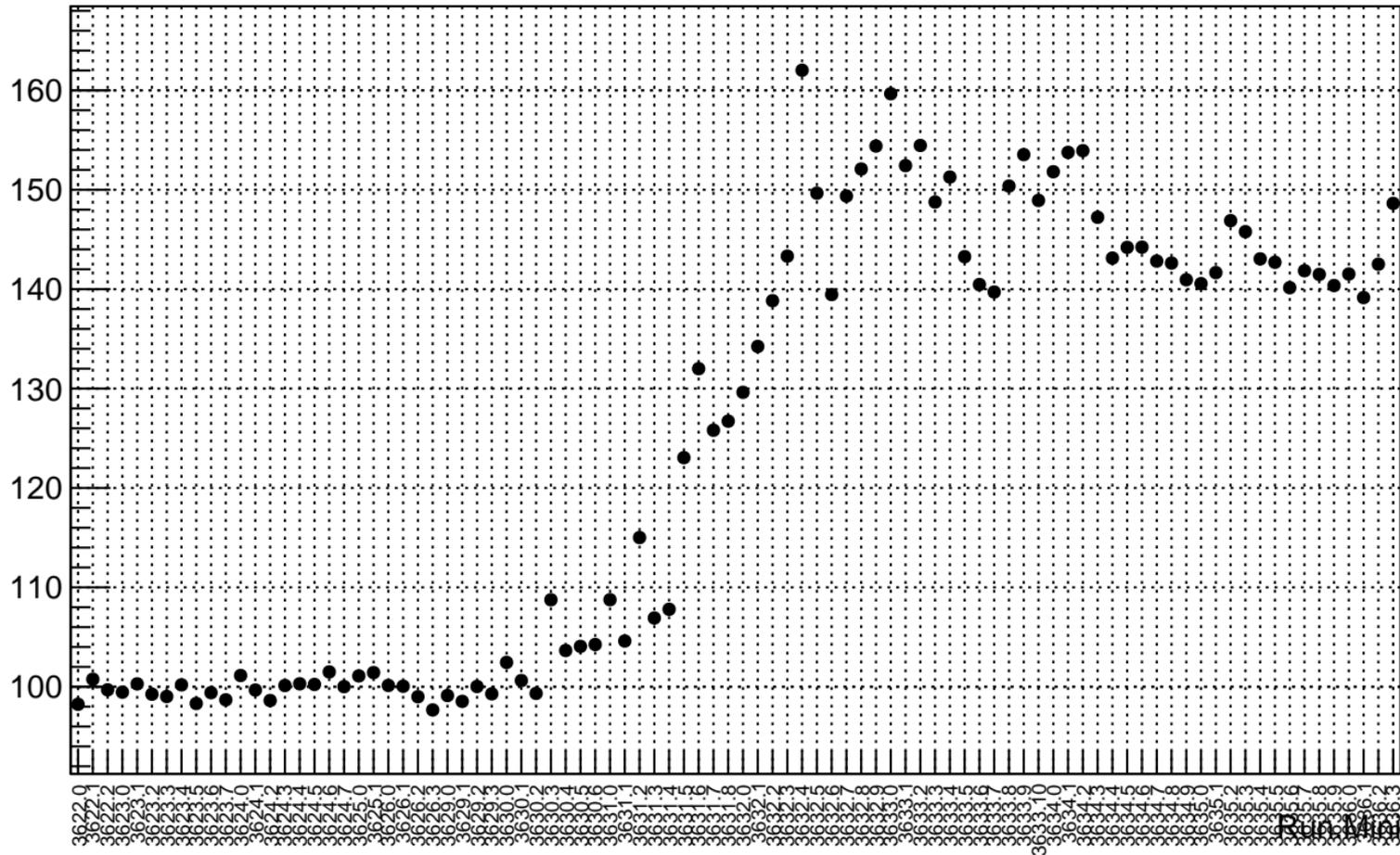


Run 1410

reg_asym_us_avg.rms/ppm

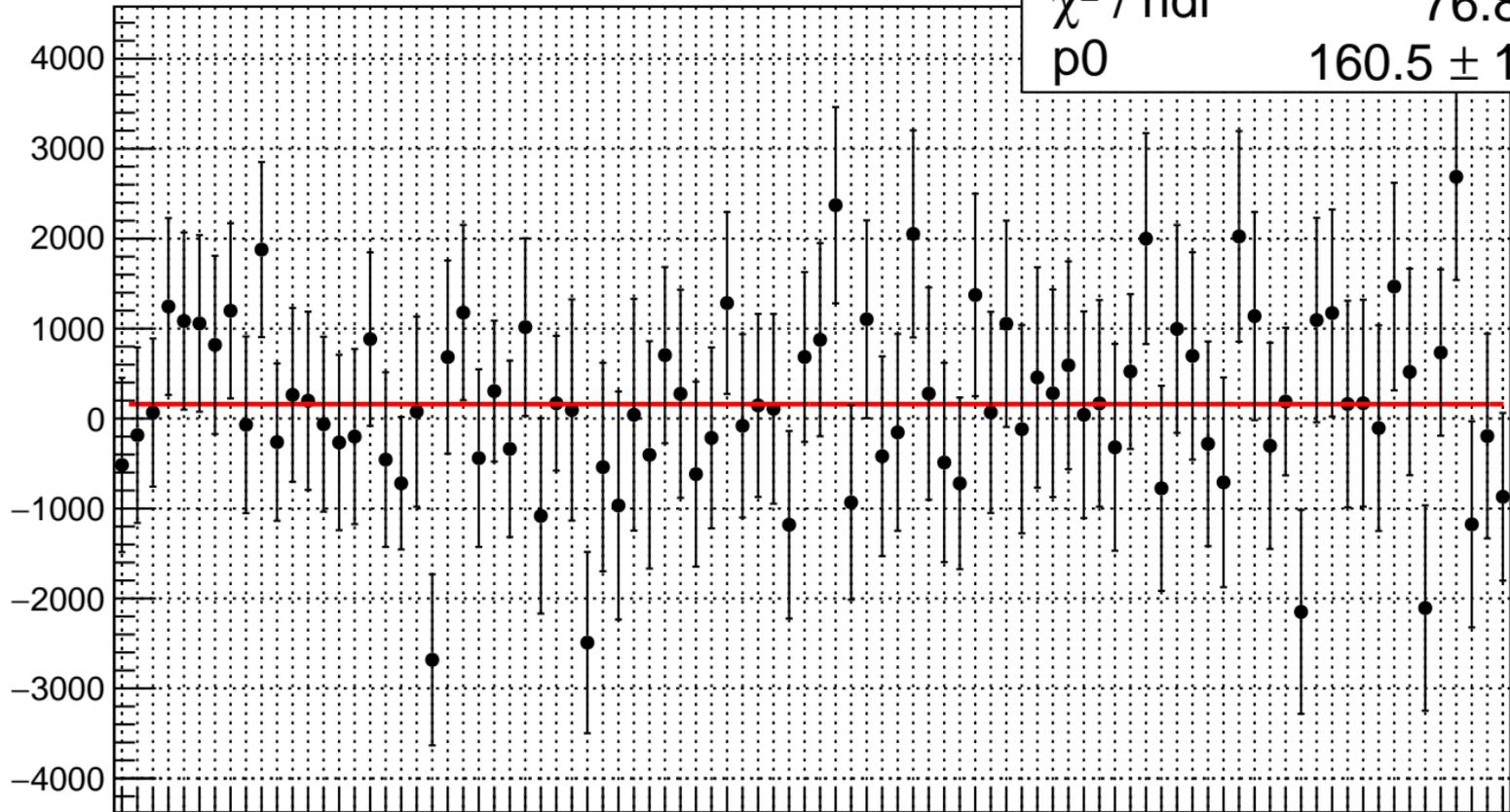


reg_asym_us_avg.rms/ppm



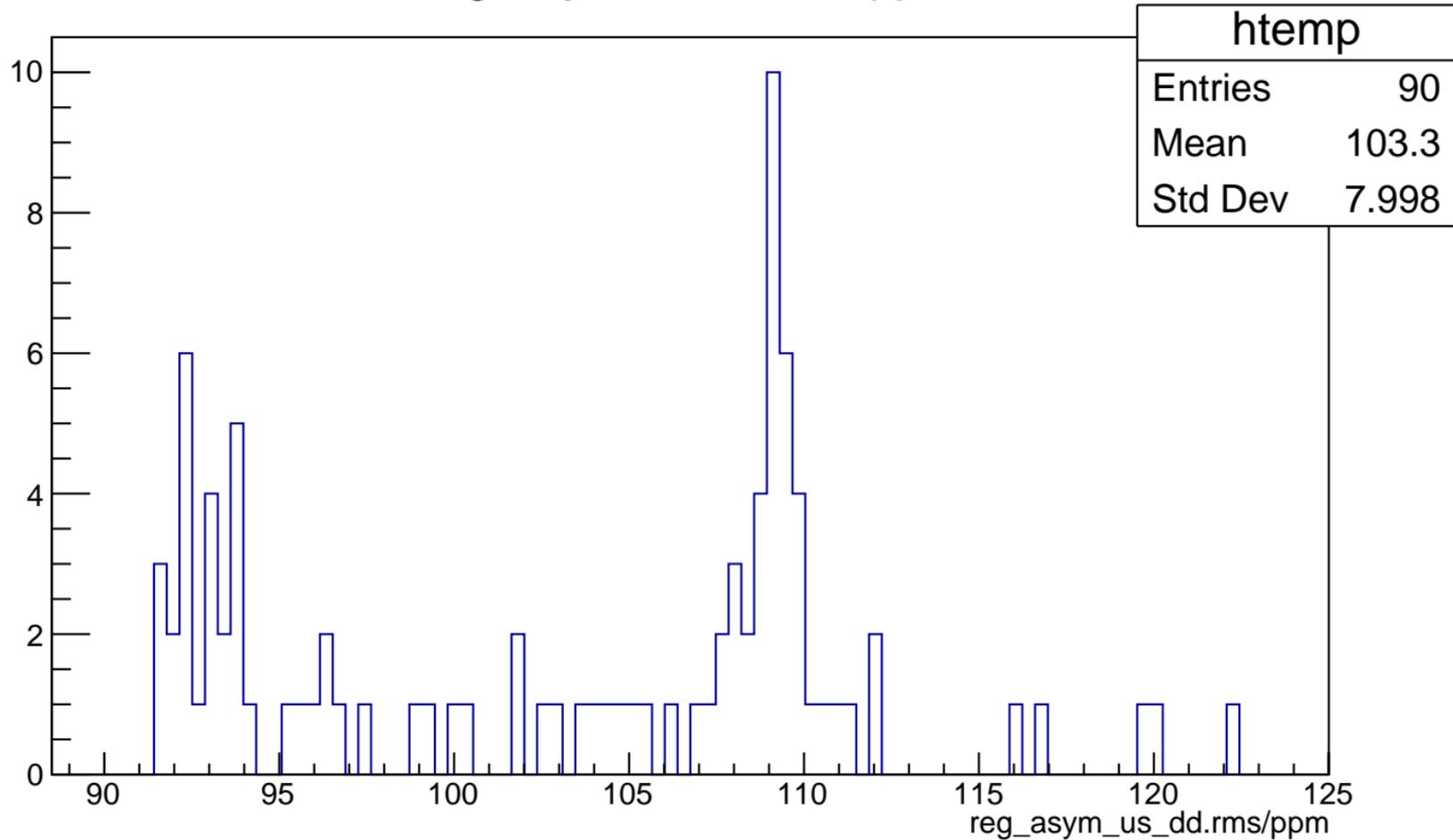
reg_asym_us_dd.mean/ppb

χ^2 / ndf 76.8 / 89
p0 160.5 ± 109.4

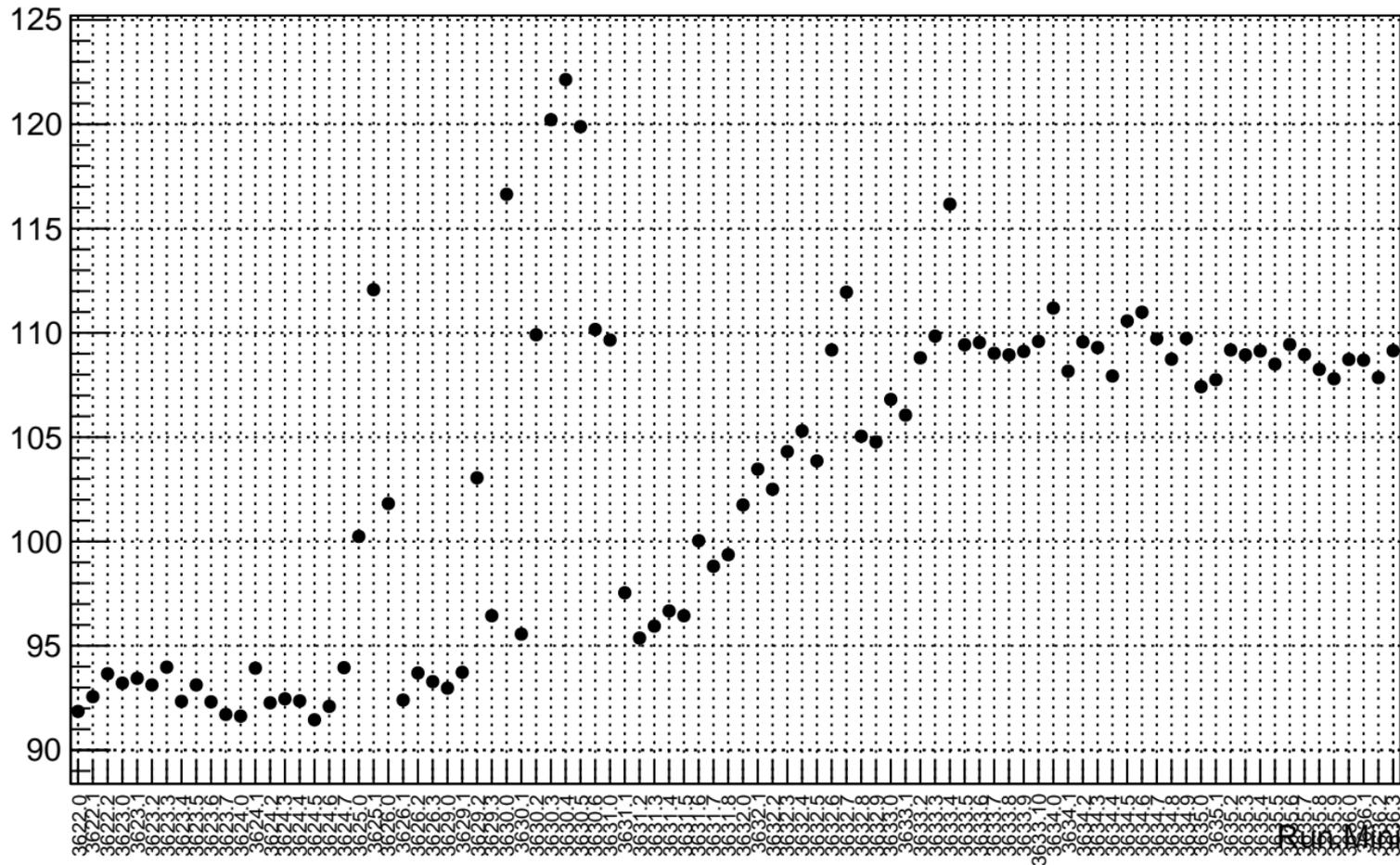


Run Num

reg_asym_us_dd.rms/ppm

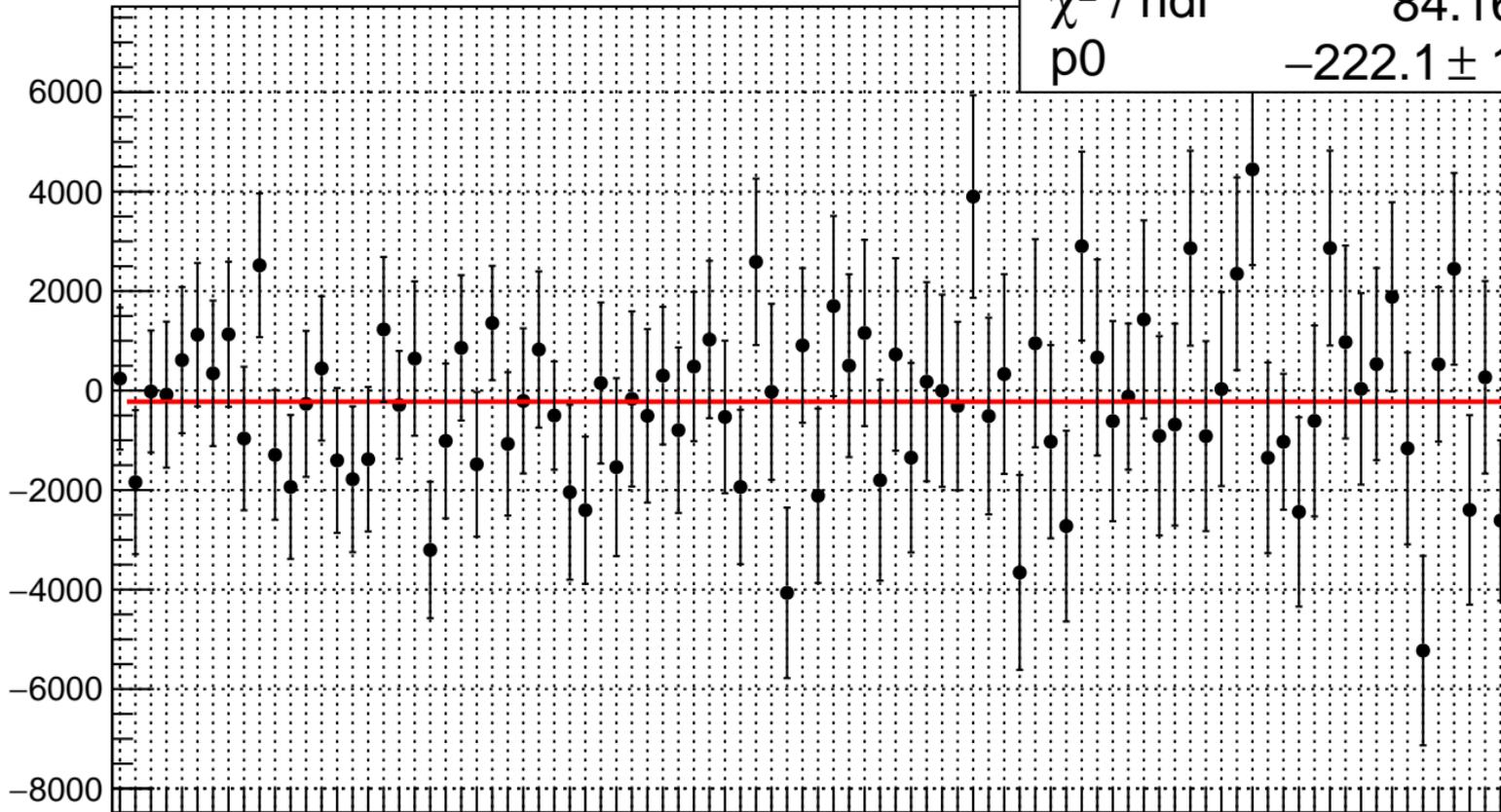


reg_asym_us_dd.rms/ppm



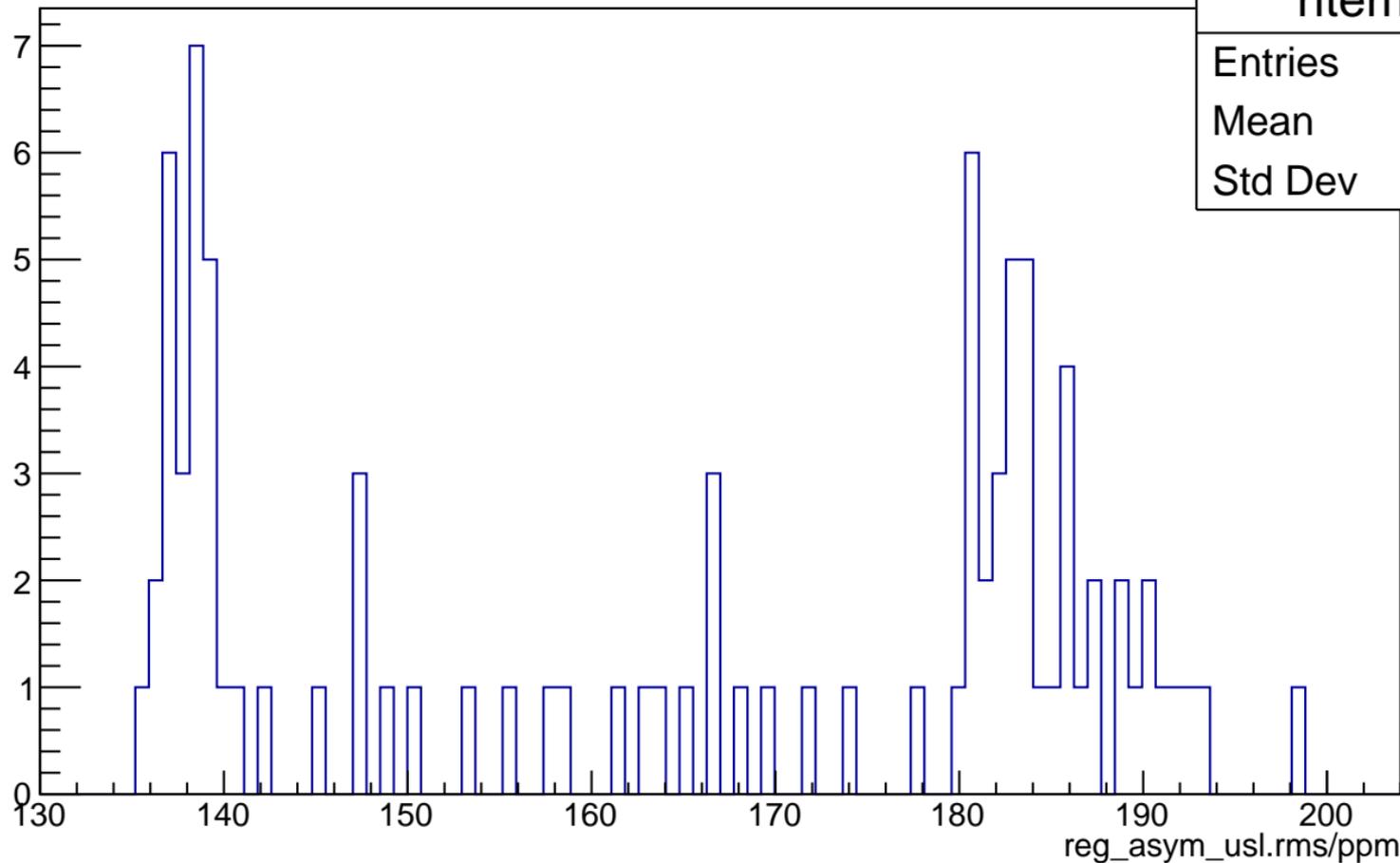
reg_asym_usl.mean/ppb

χ^2 / ndf 84.16 / 89
p0 -222.1 ± 171.8

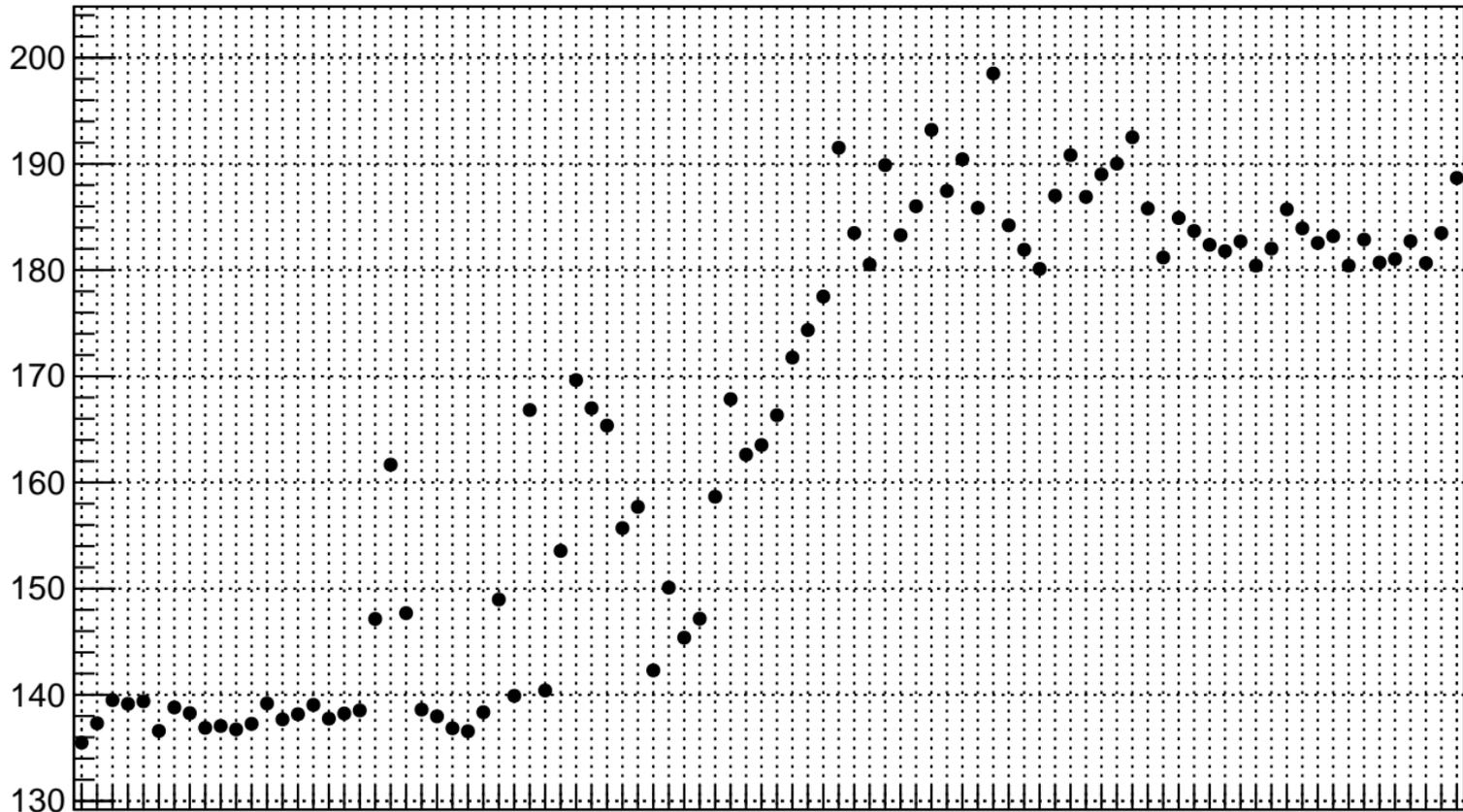


Run Min

reg_asym_usl.rms/ppm



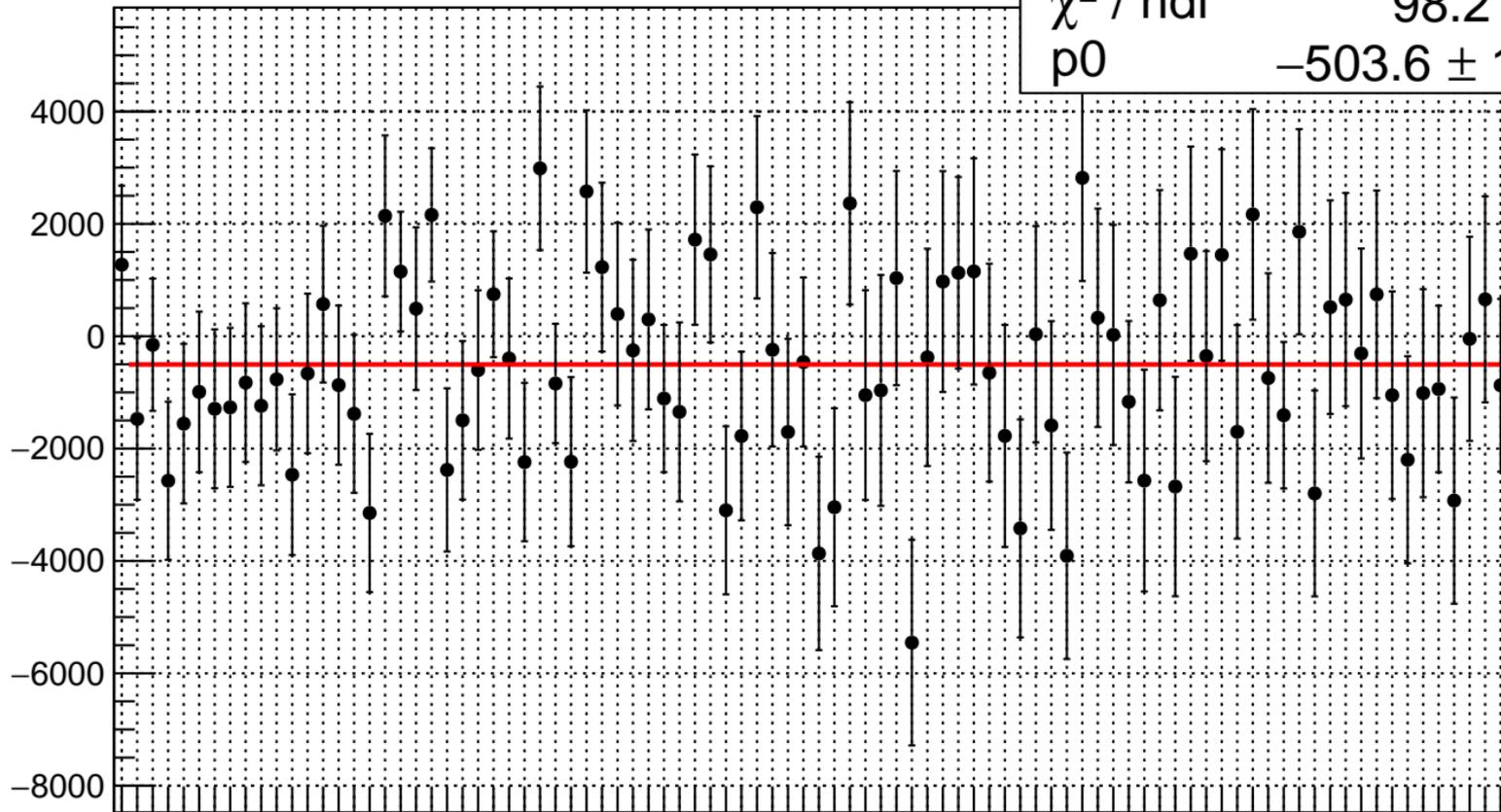
reg_asym_usl.rms/ppm



reg_asym_usr.mean/ppb

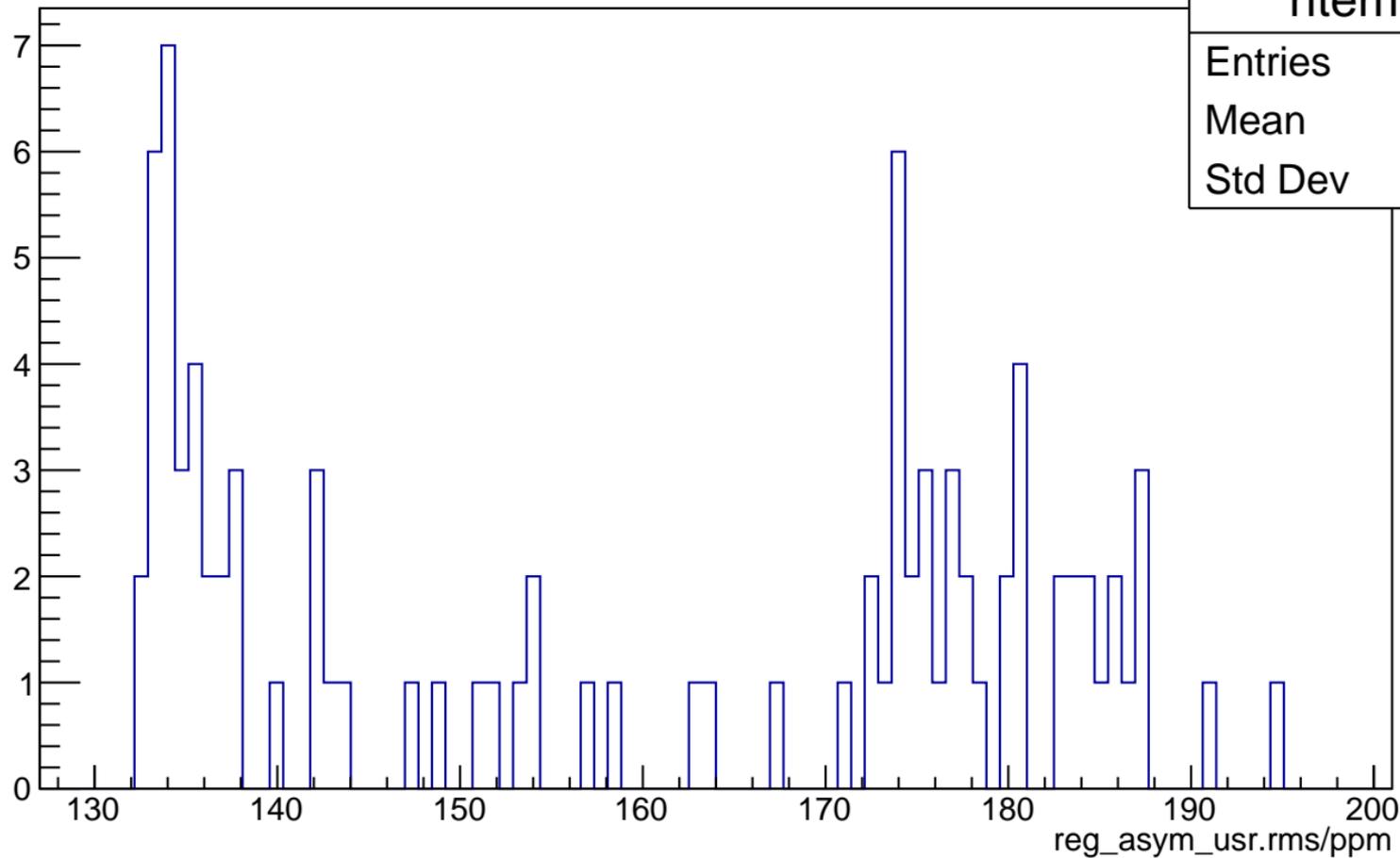
χ^2 / ndf
p0

98.21 / 89
 -503.6 ± 165.9



Run Num

reg_asym_usr.rms/ppm



reg_asym_usr.rms/ppm

