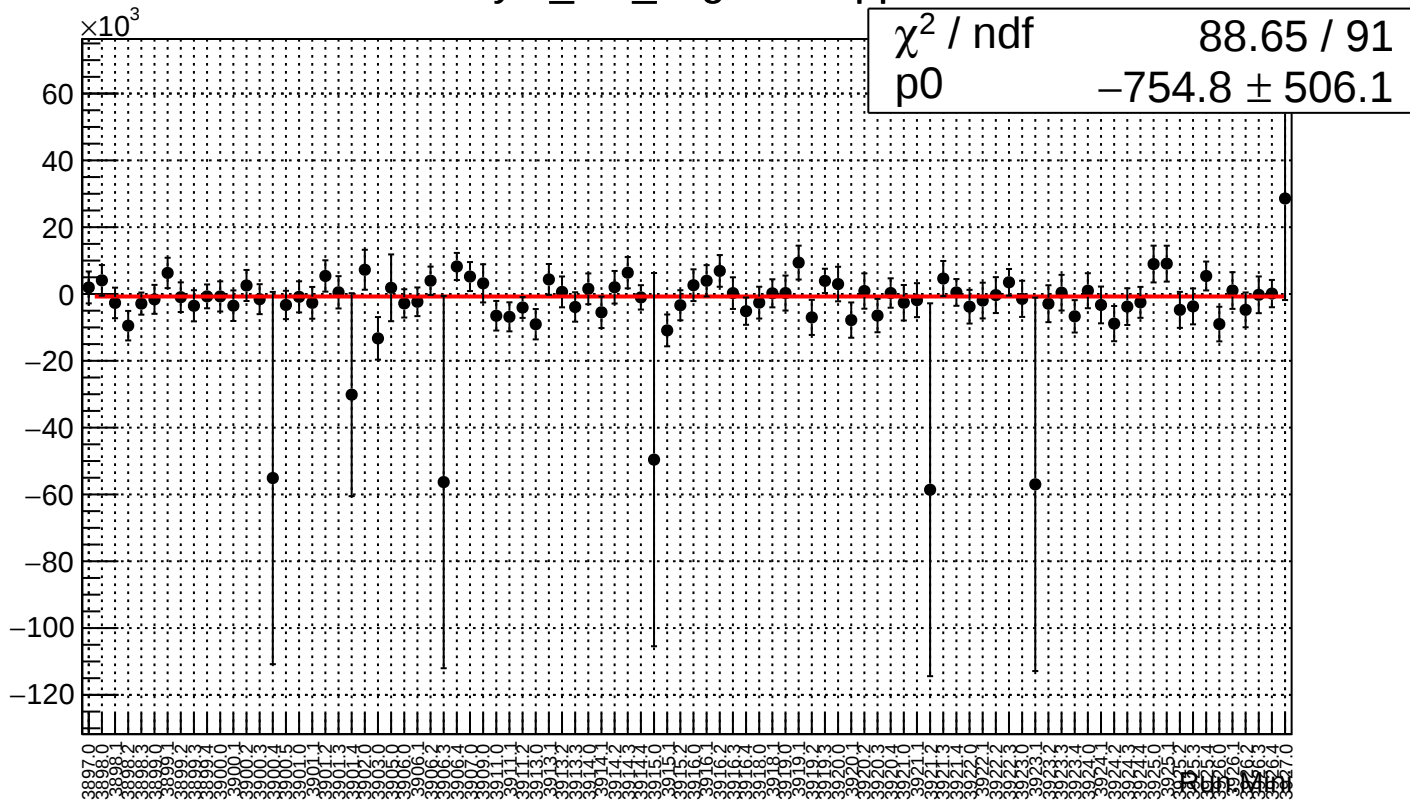
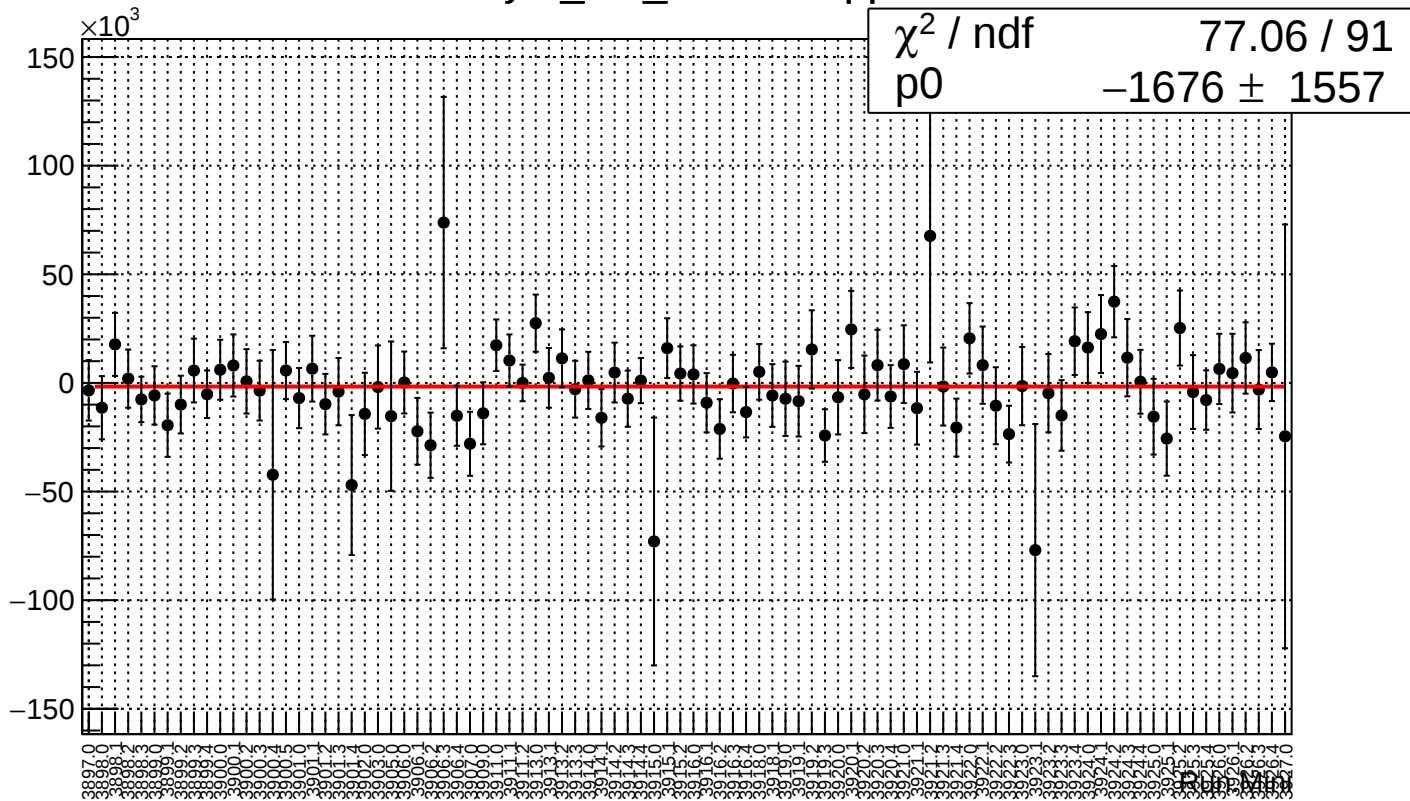


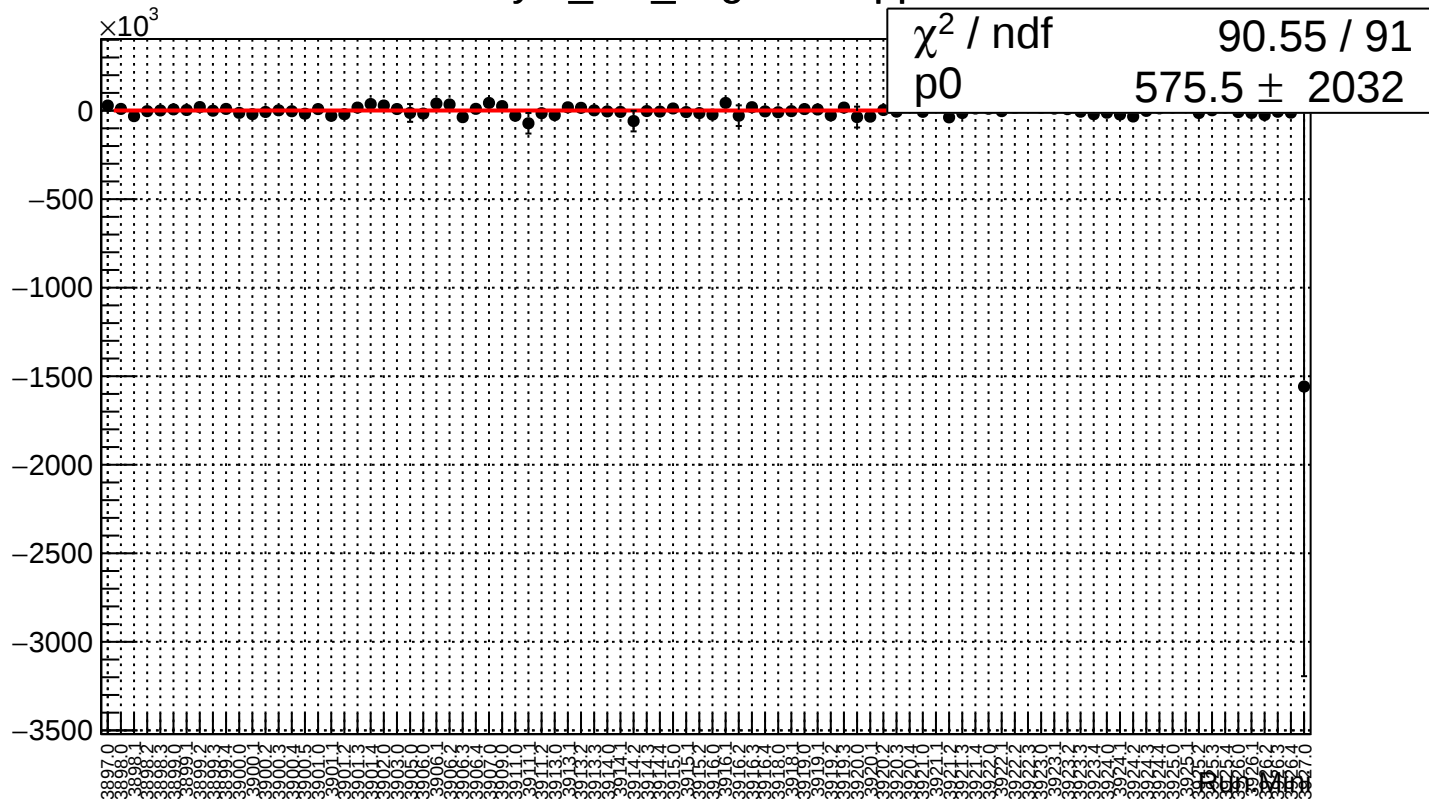
asym_at1_avg.mean/ppb



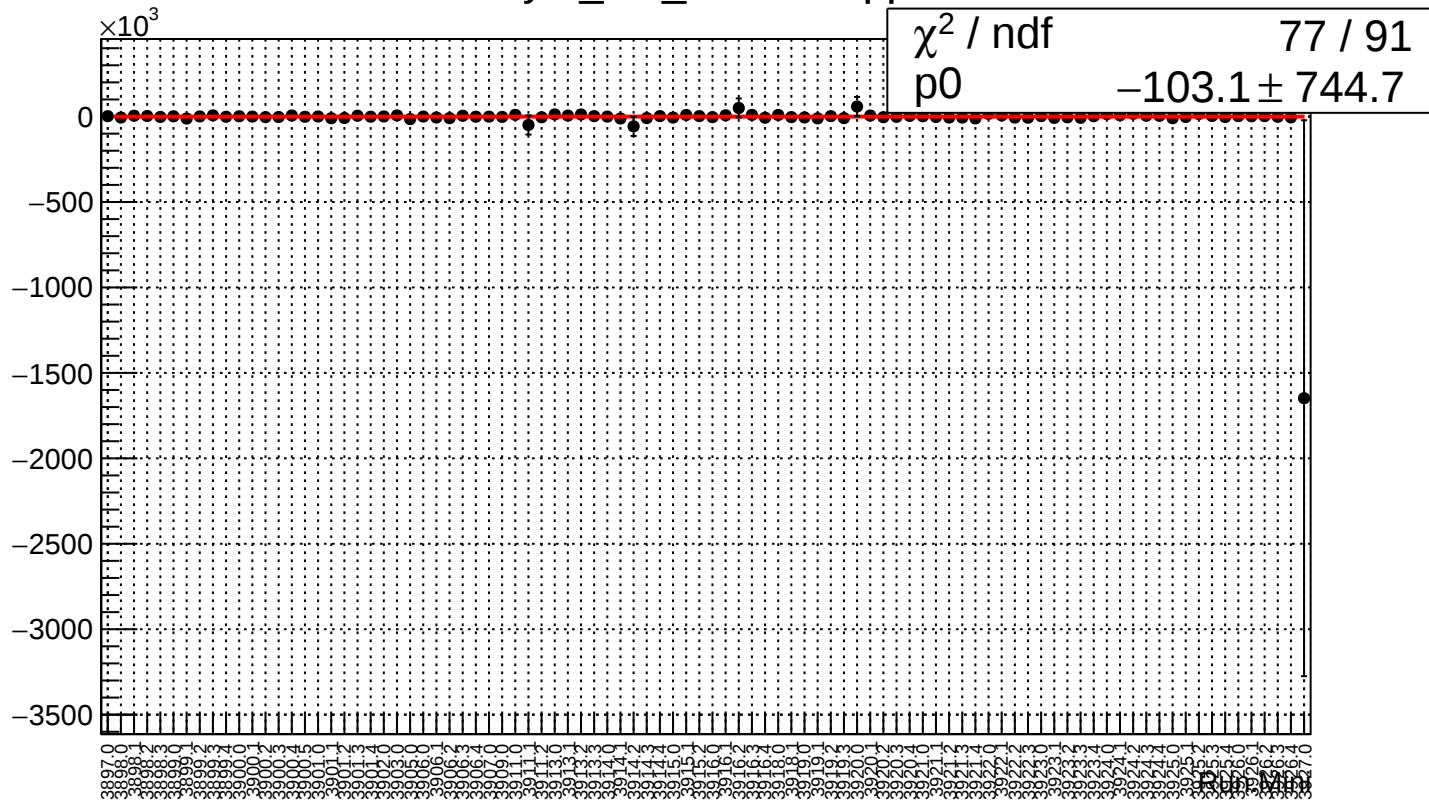
asym_at1_dd.mean/ppb



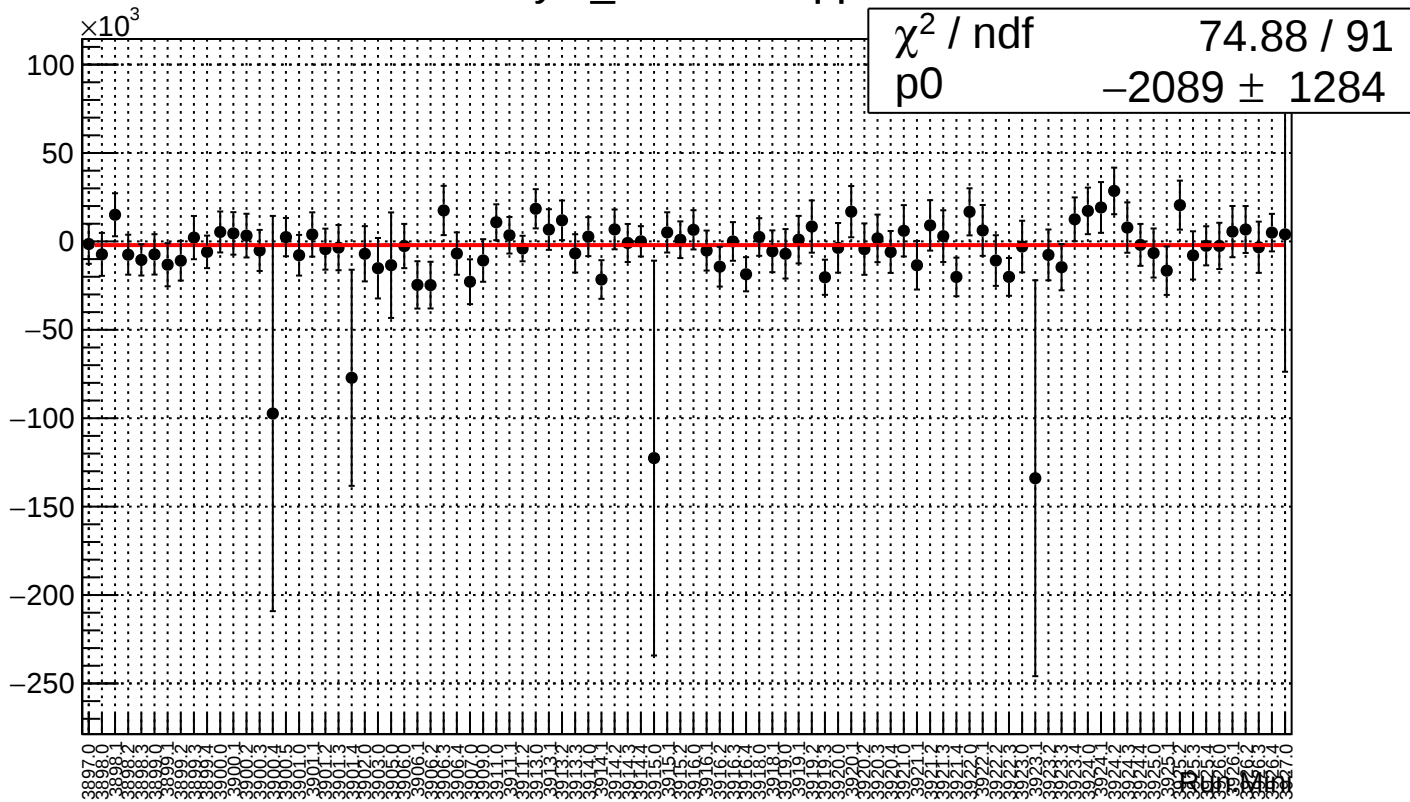
asym_at2_avg.mean/ppb



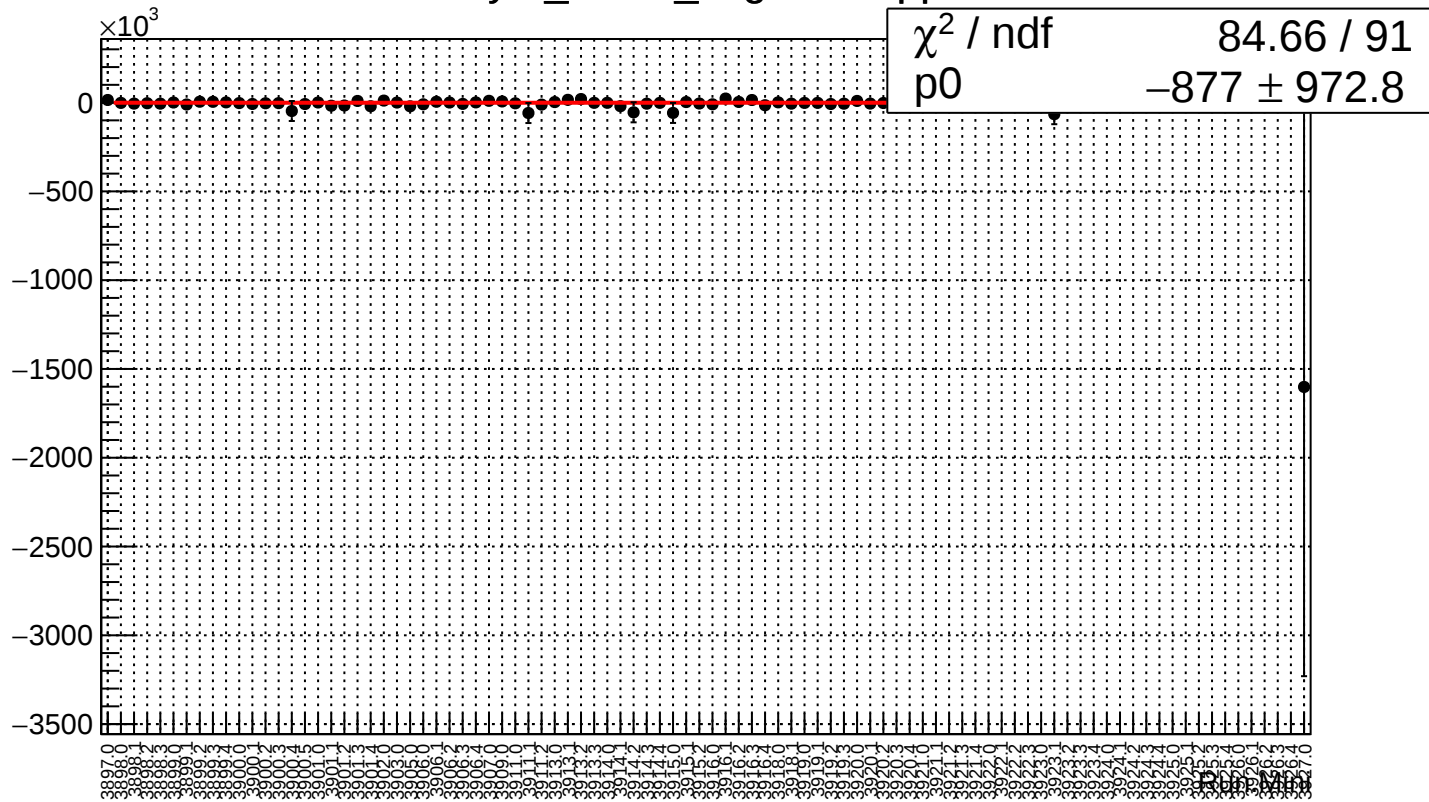
asym_at2_dd.mean/ppb



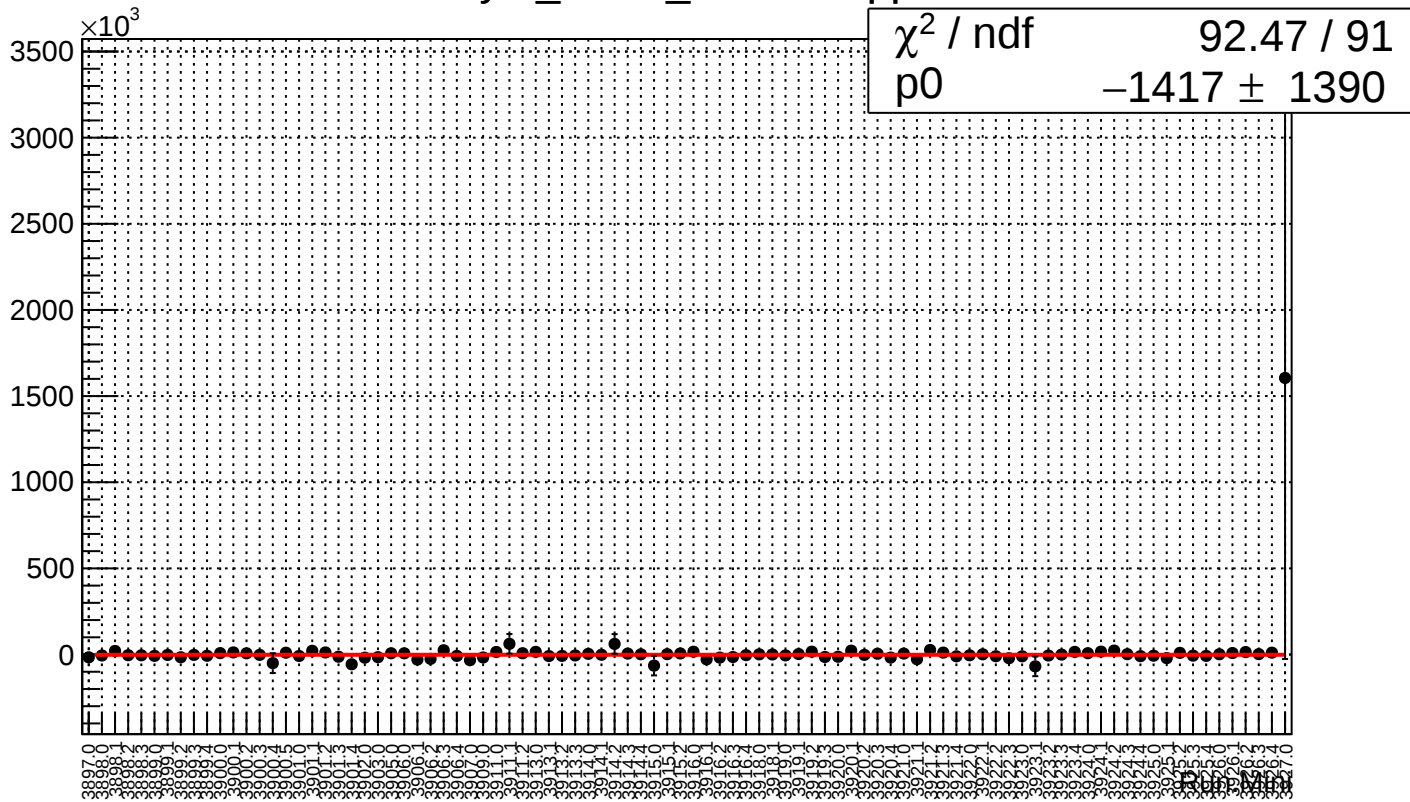
asym_atl1.mean/ppb



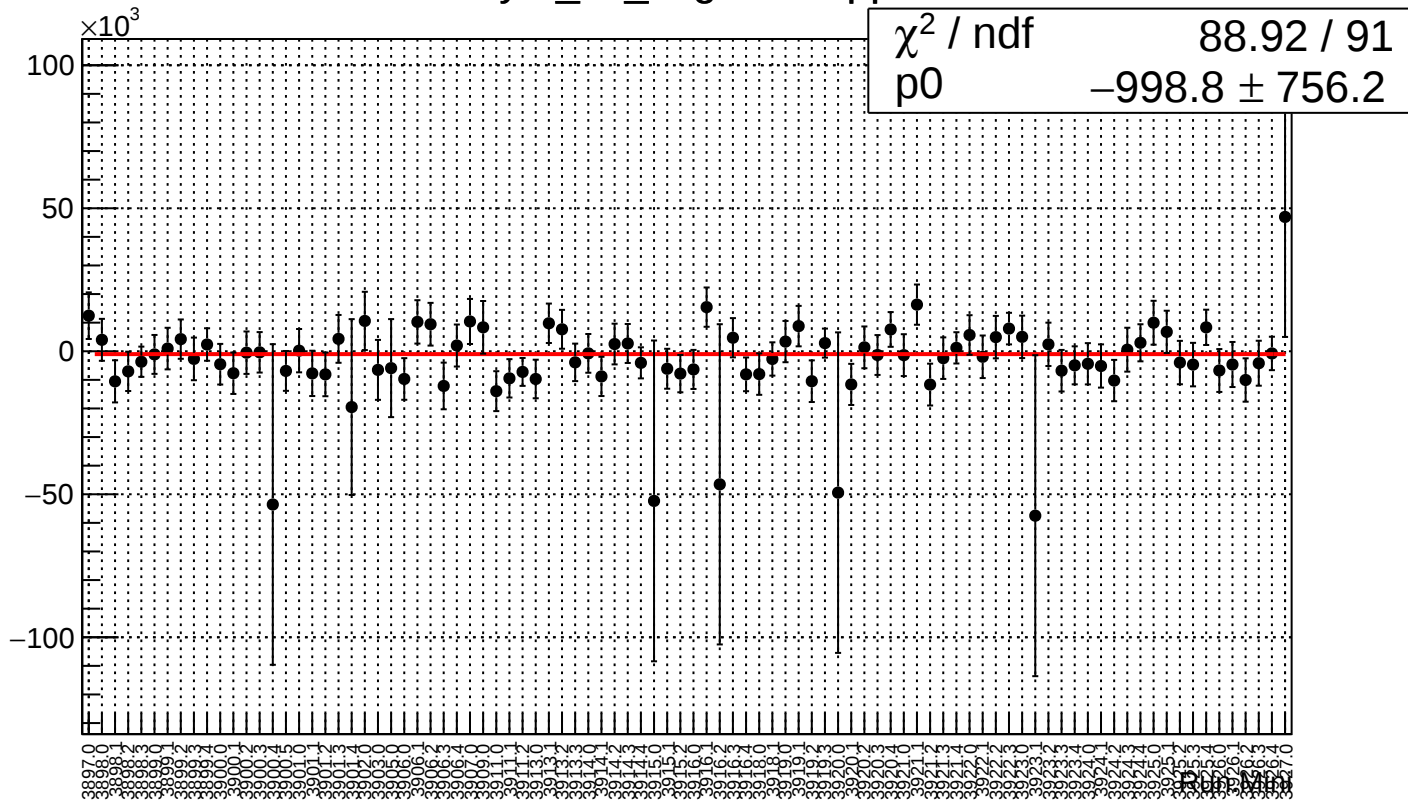
asym_atl1r2_avg.mean/ppb



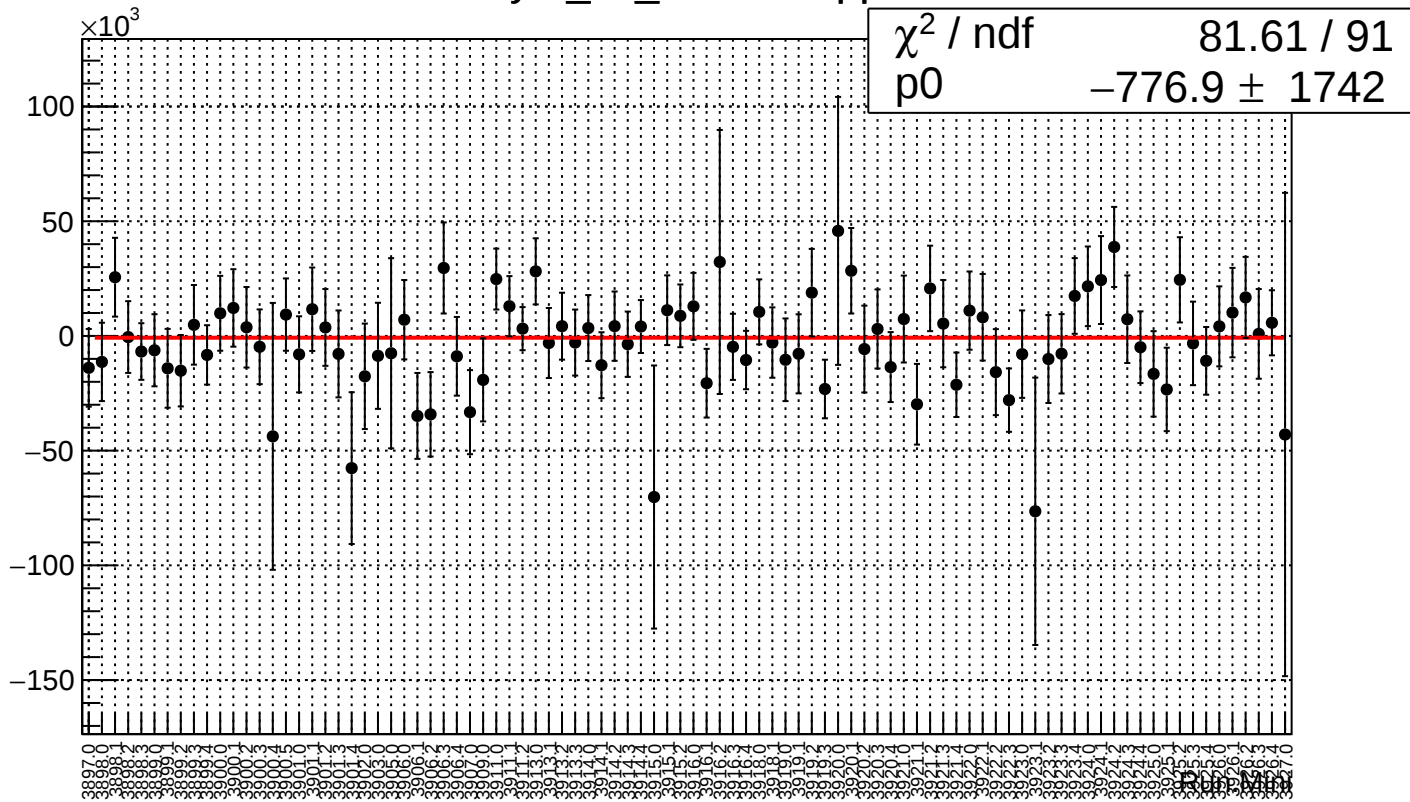
asym_atl1r2_dd.mean/ppb



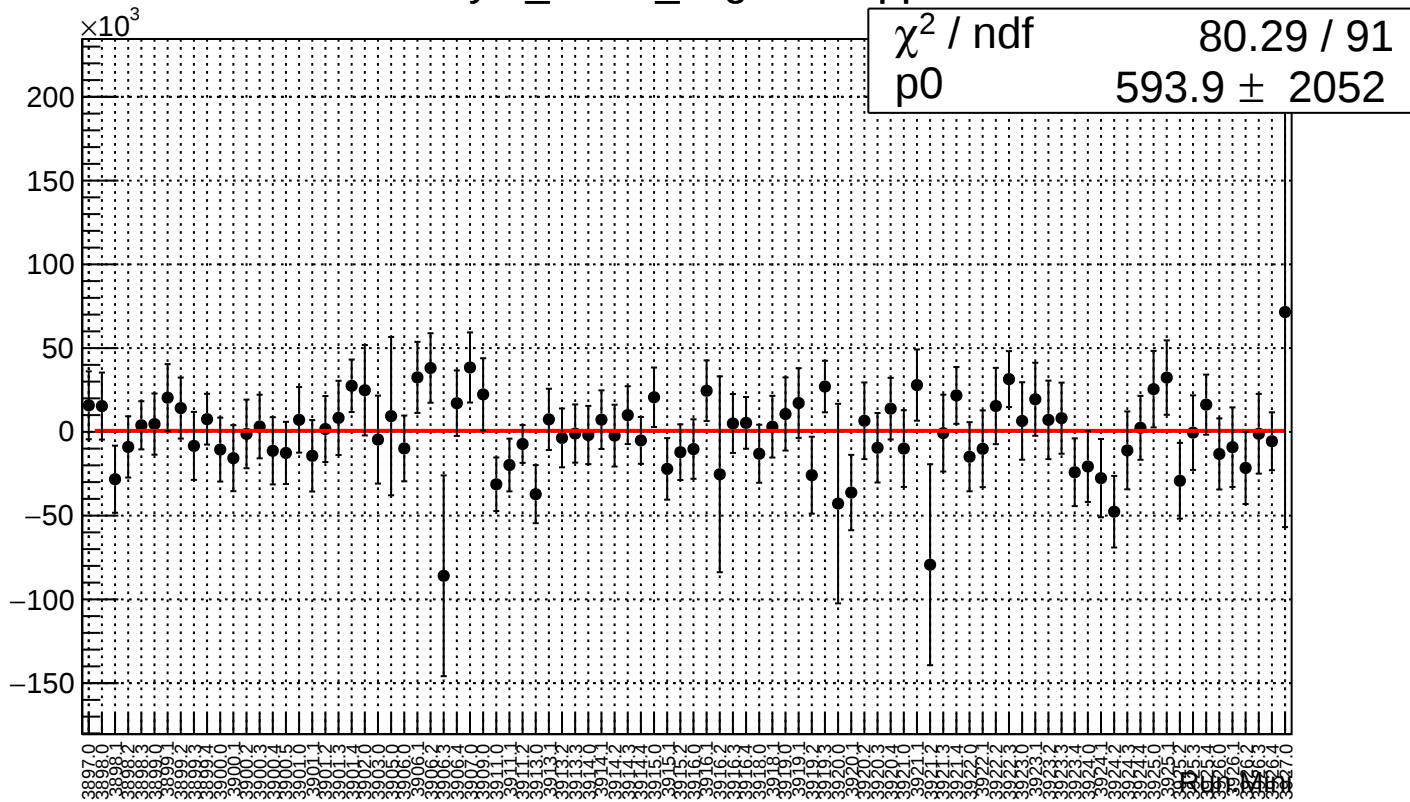
asym_atl_avg.mean/ppb



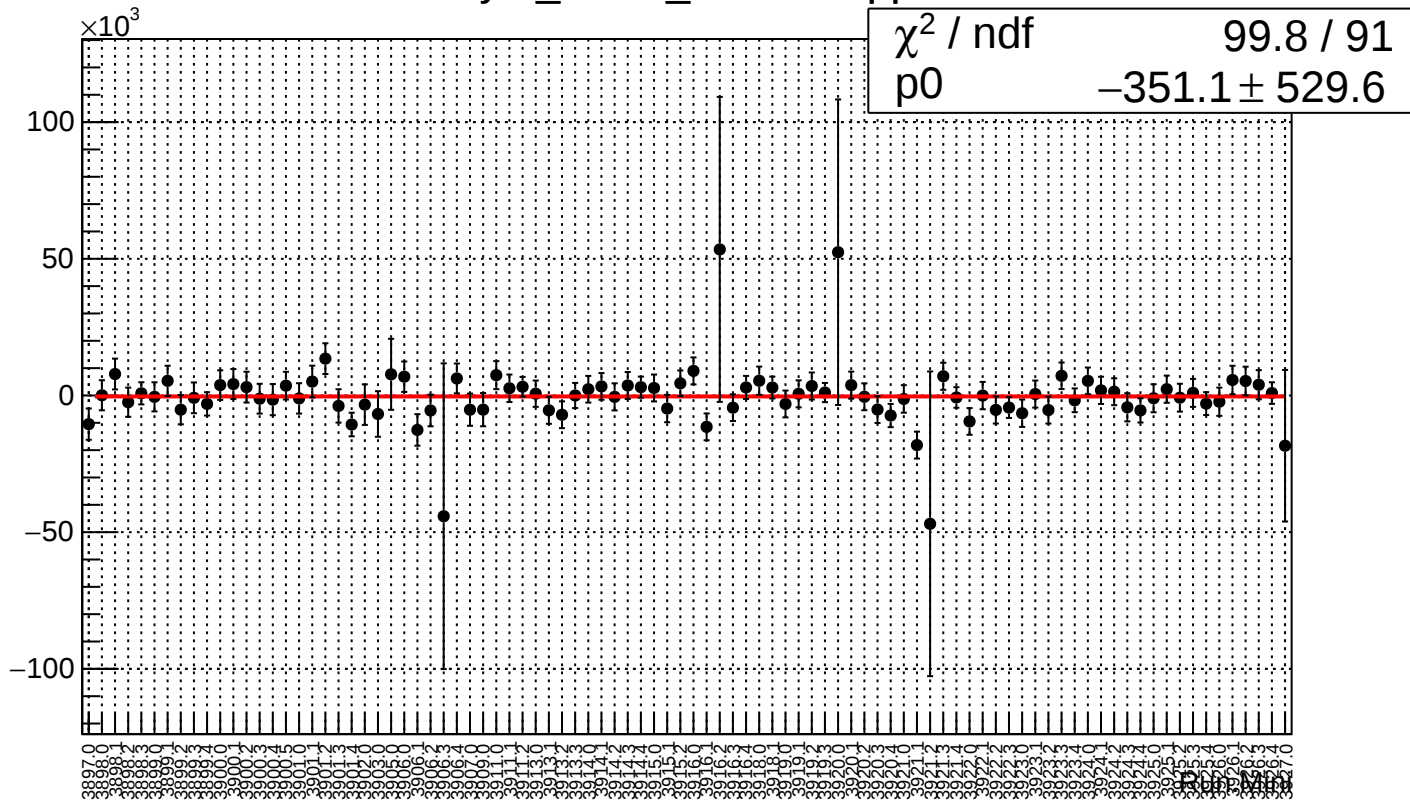
χ^2 / ndf	81.61 / 91
p0	-776.9 ± 1742



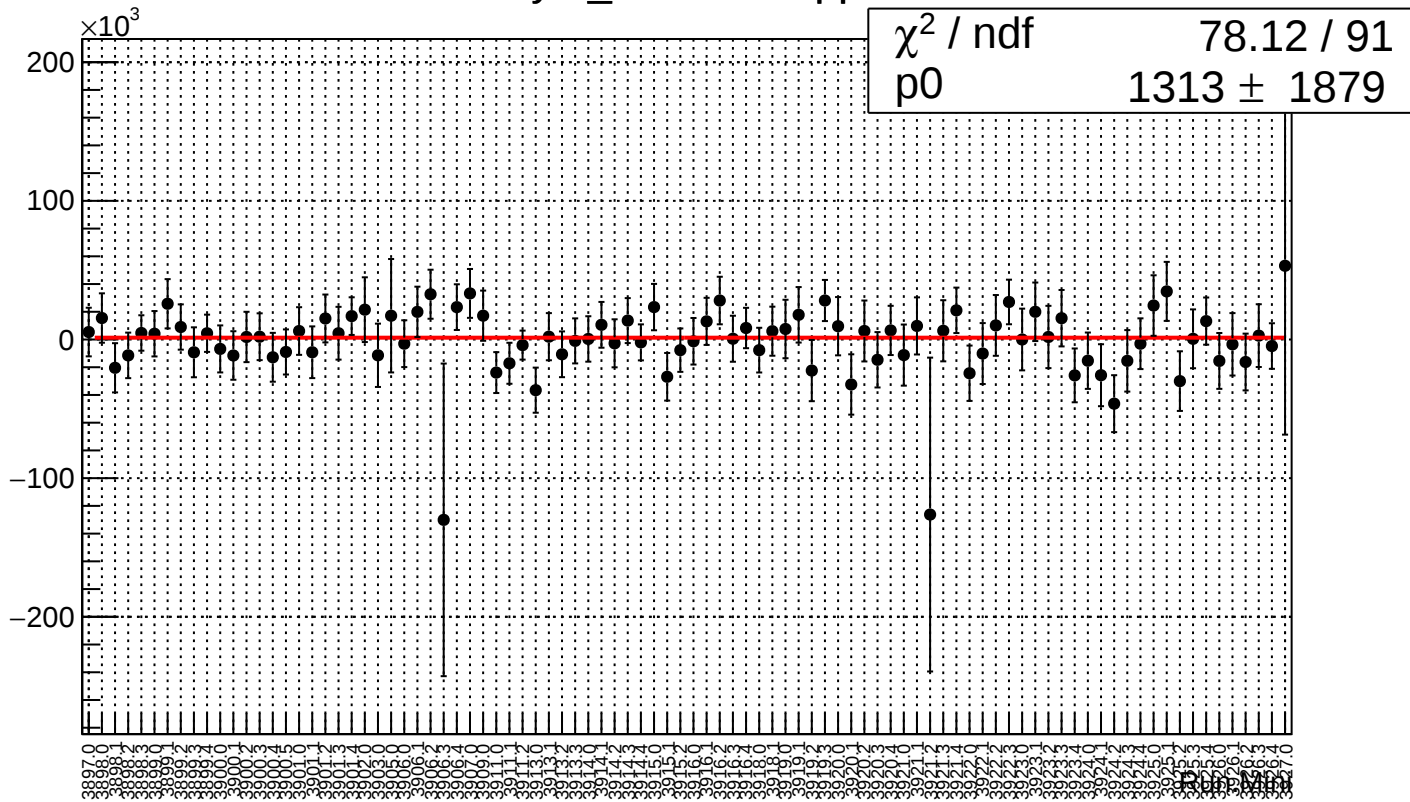
asym_atr1l2_avg.mean/ppb



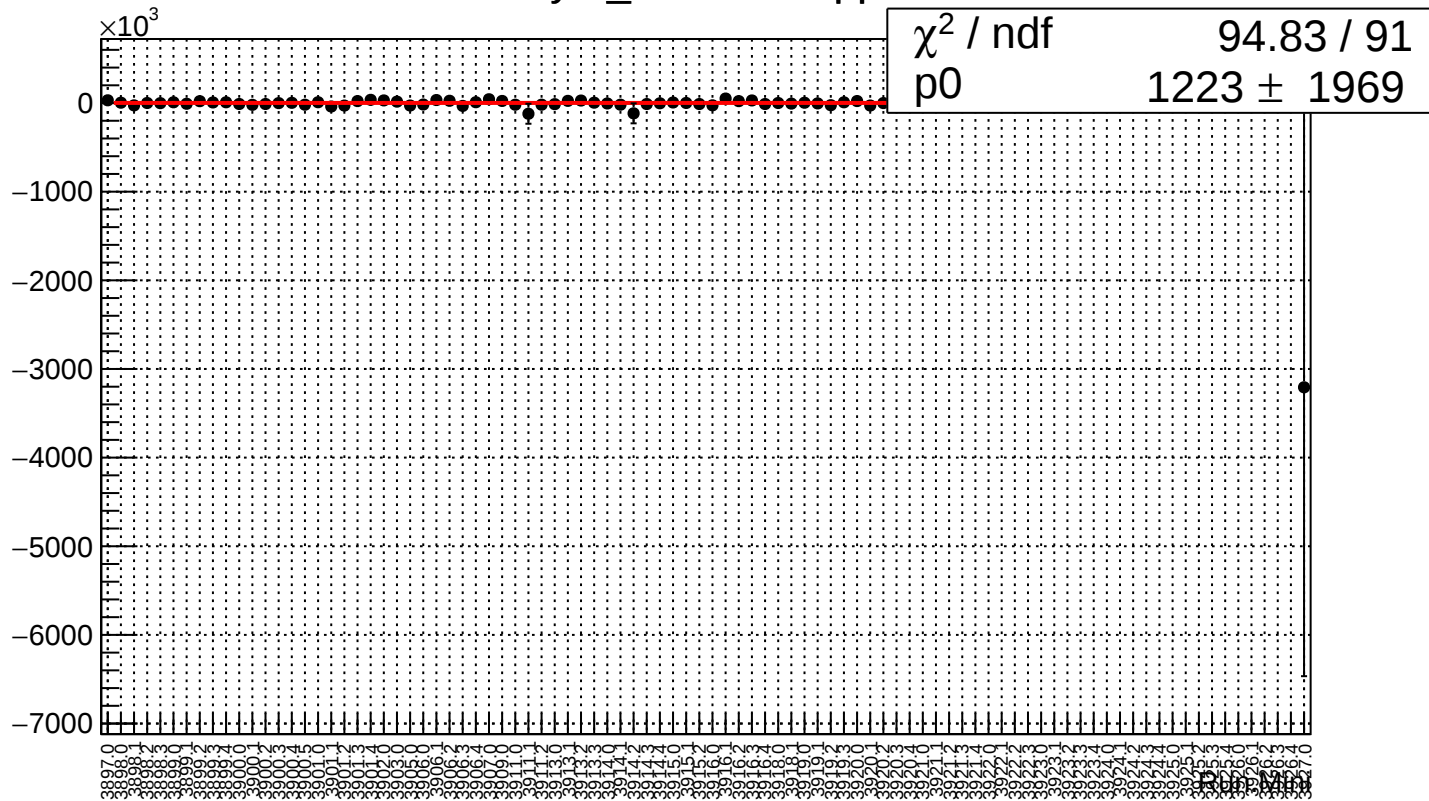
asym_atr1l2_dd.mean/ppb



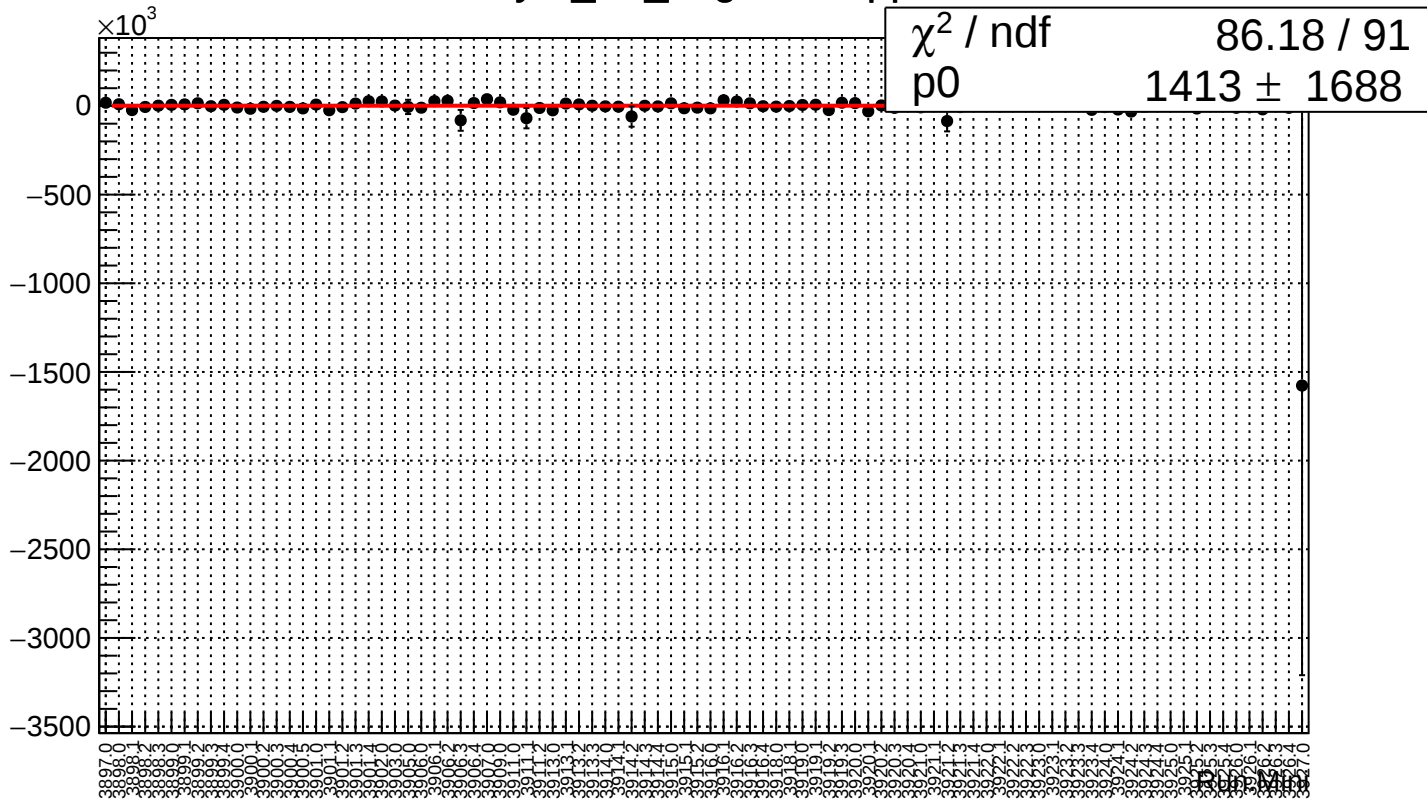
asym_atr1.mean/ppb



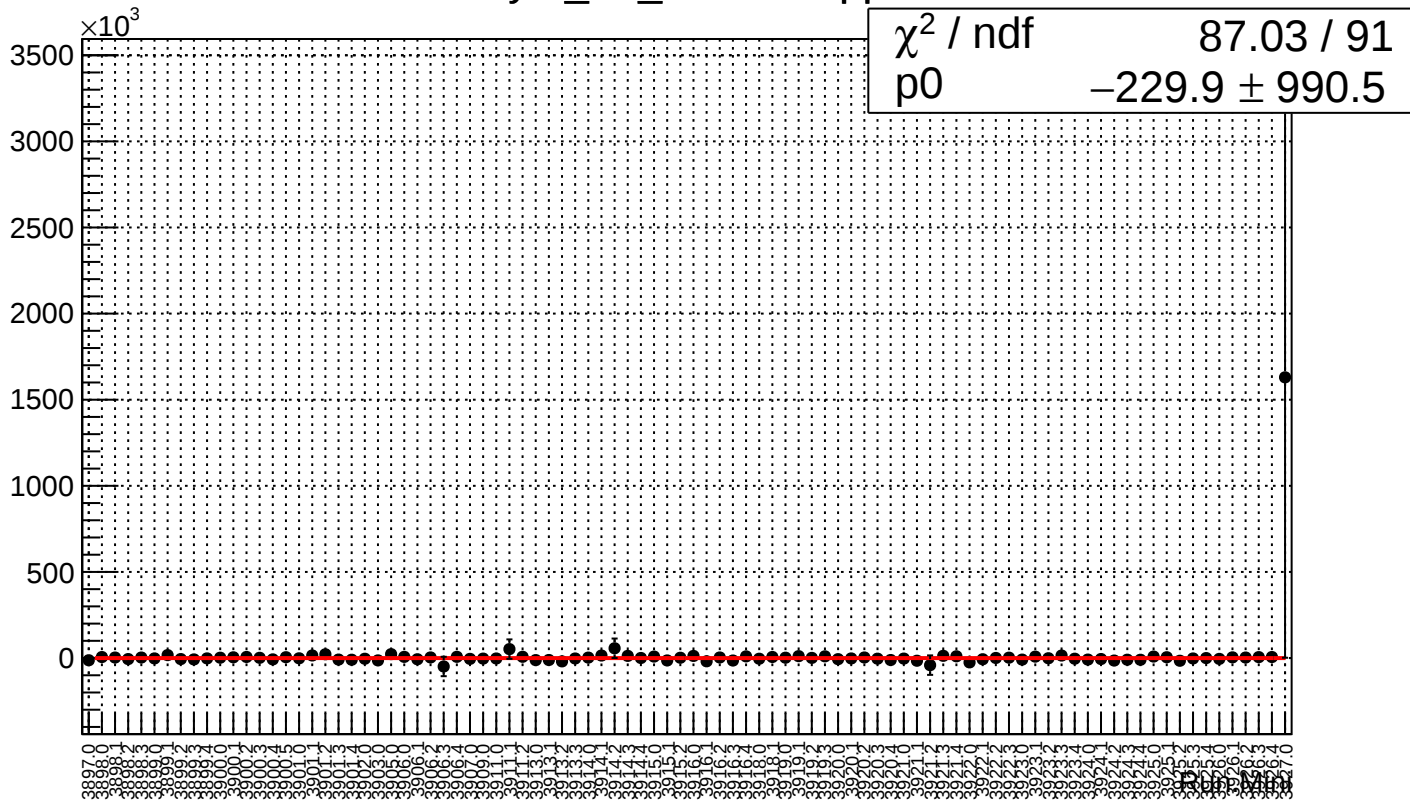
asym_atr2.mean/ppb



asym_atr_avg.mean/ppb



asym_atr_dd.mean/ppb



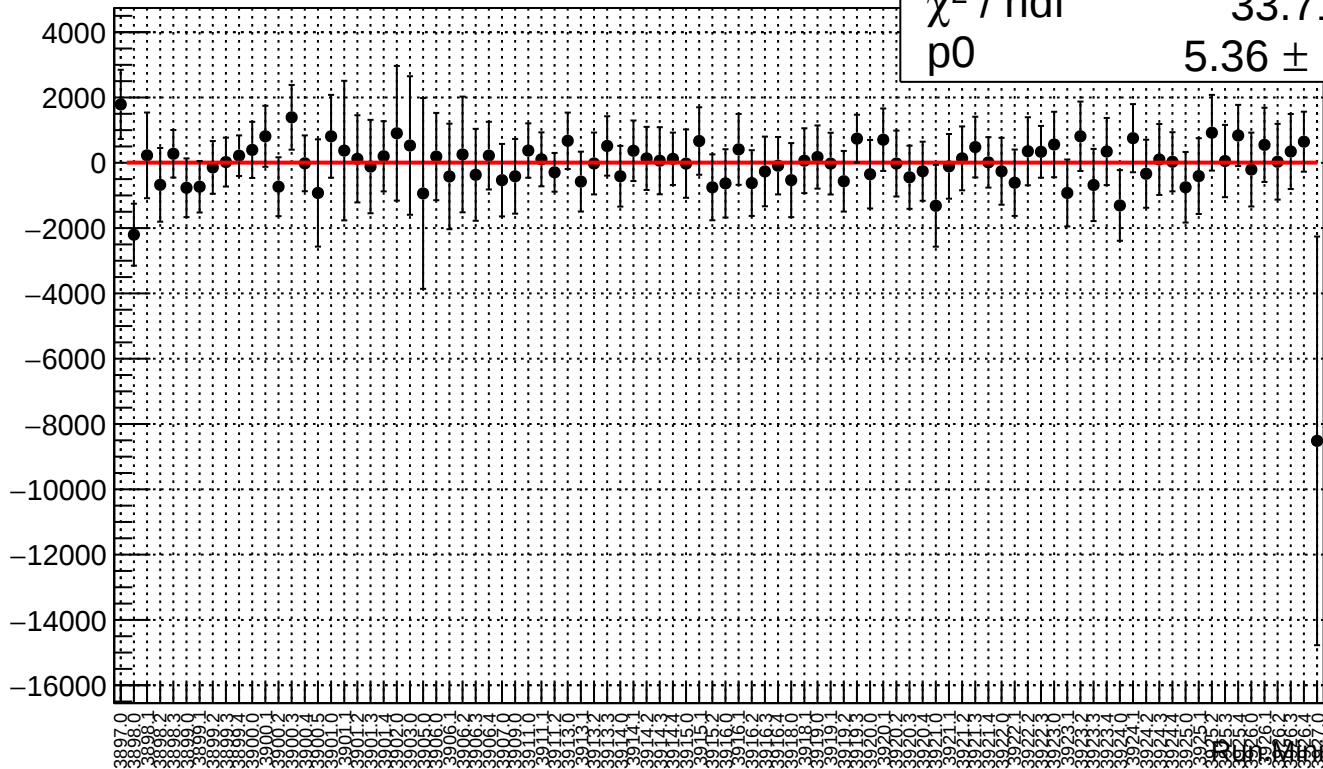
asym_bcm_an_ds3.mean/ppb

χ^2 / ndf

33.71 / 91

p0

5.36 ± 104



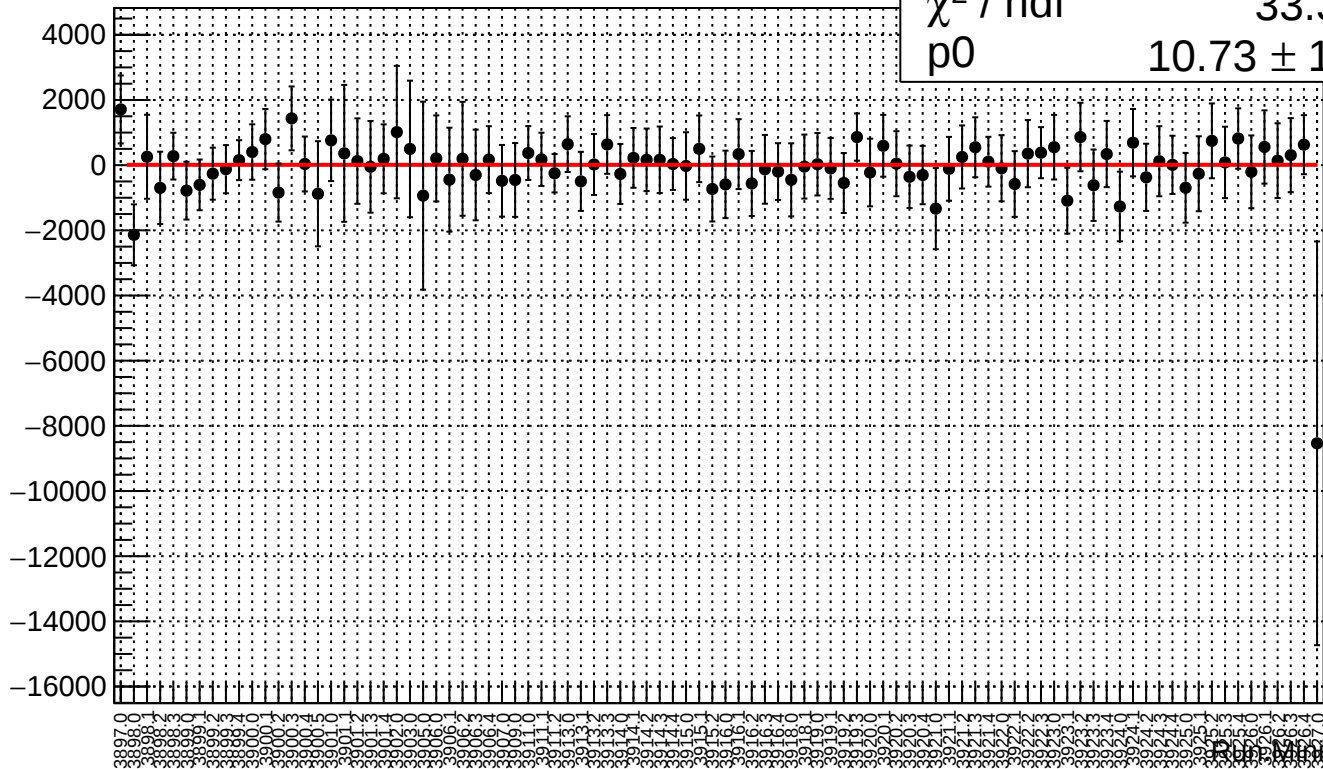
asym_bcm_an_ds.mean/ppb

χ^2 / ndf

33.3 / 91

p0

10.73 ± 102.8



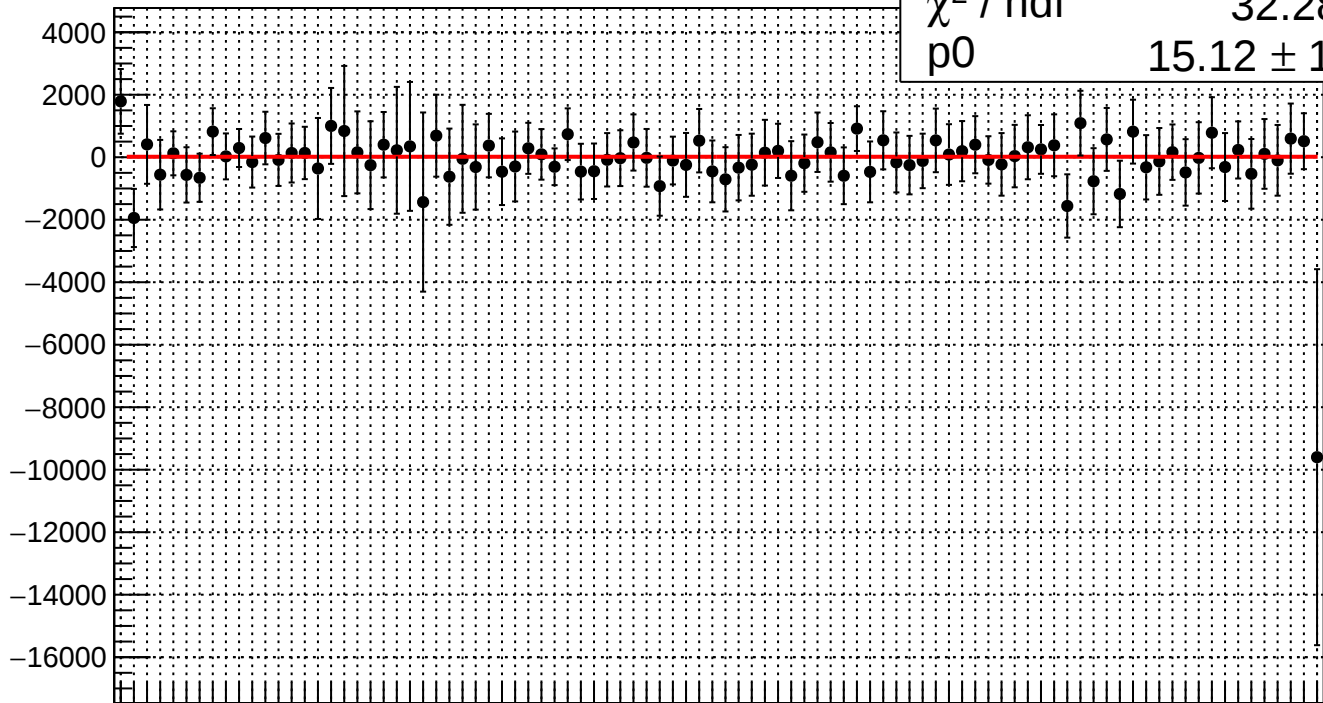
asym_bcm_an_us.mean/ppb

χ^2 / ndf

32.28 / 91

p0

15.12 ± 100.8



Run Num

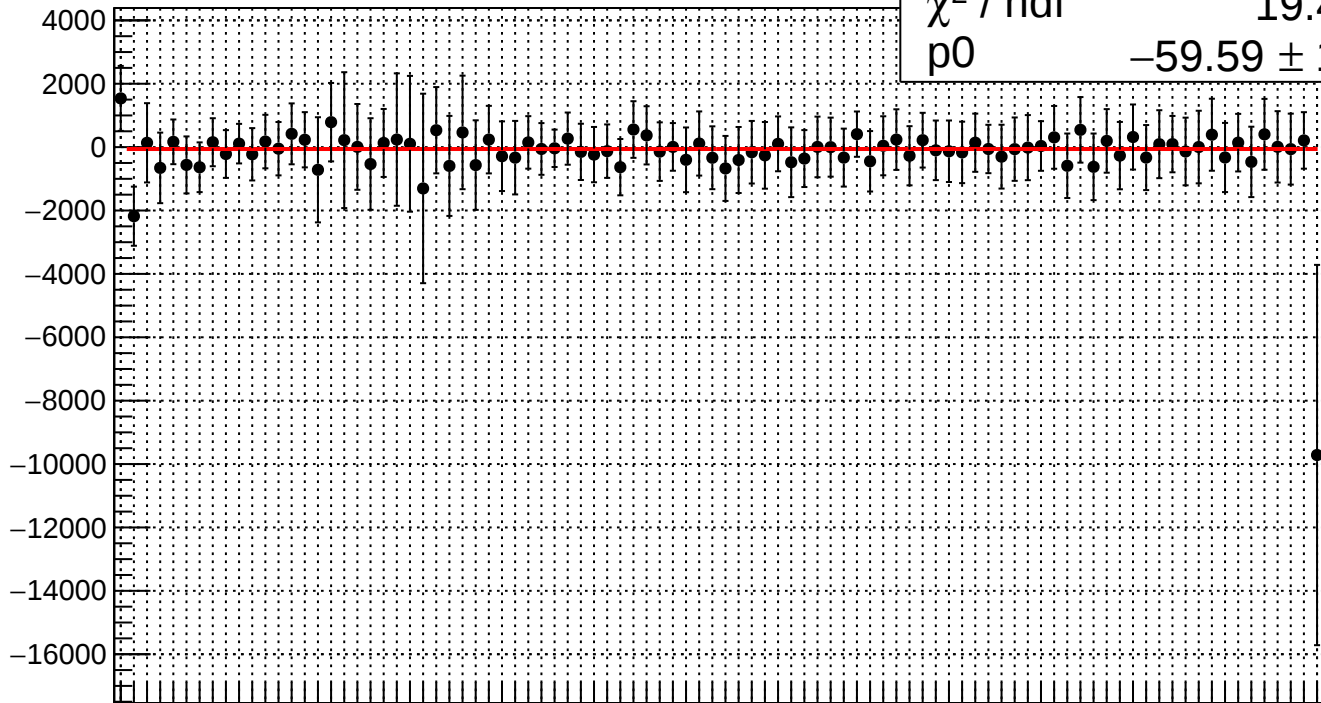
asym_bcm_dg_ds.mean/ppb

χ^2 / ndf

19.4 / 91

p0

-59.59 ± 101.1



Run/Mon

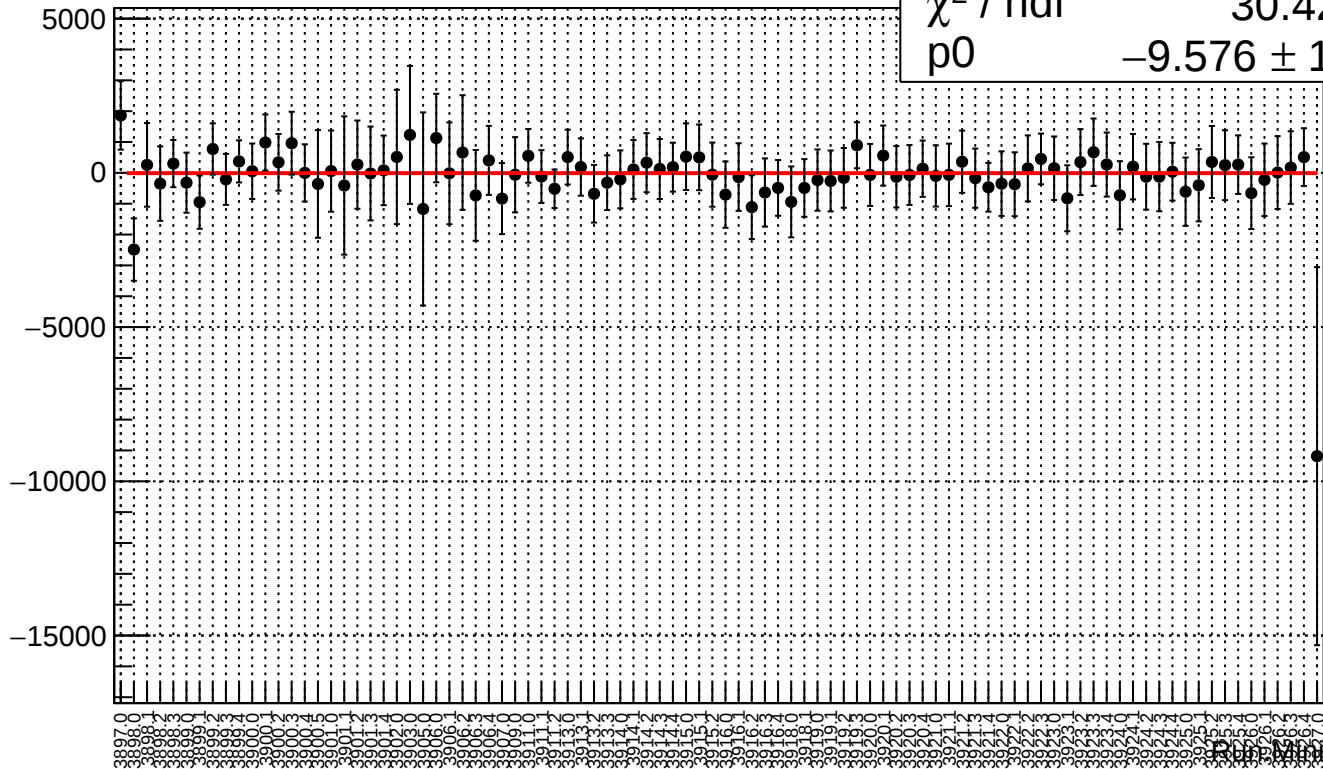
asym_bcm_dg_us.mean/ppb

χ^2 / ndf

30.42 / 91

p0

-9.576 ± 106.8

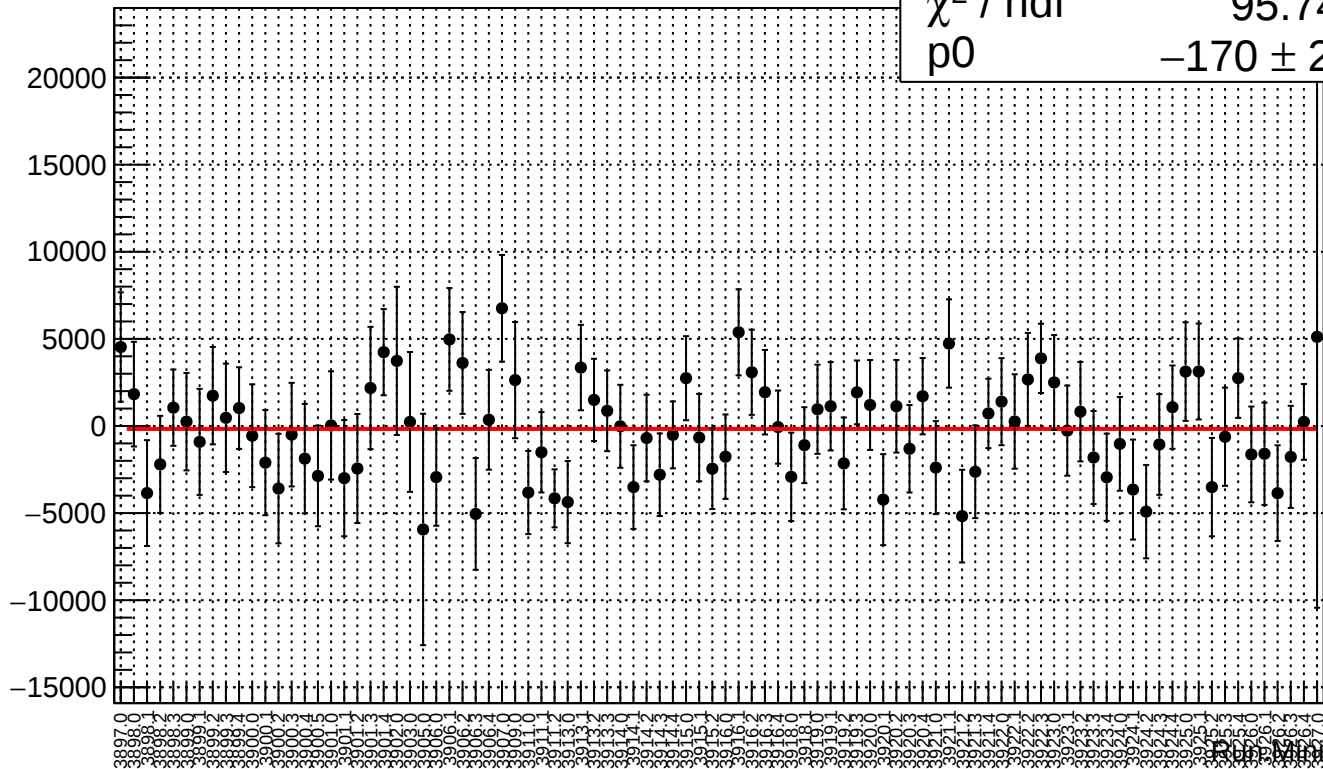


asym_ds_avg.mean/ppb

χ^2 / ndf
p0

95.74 / 91

-170 ± 272.3



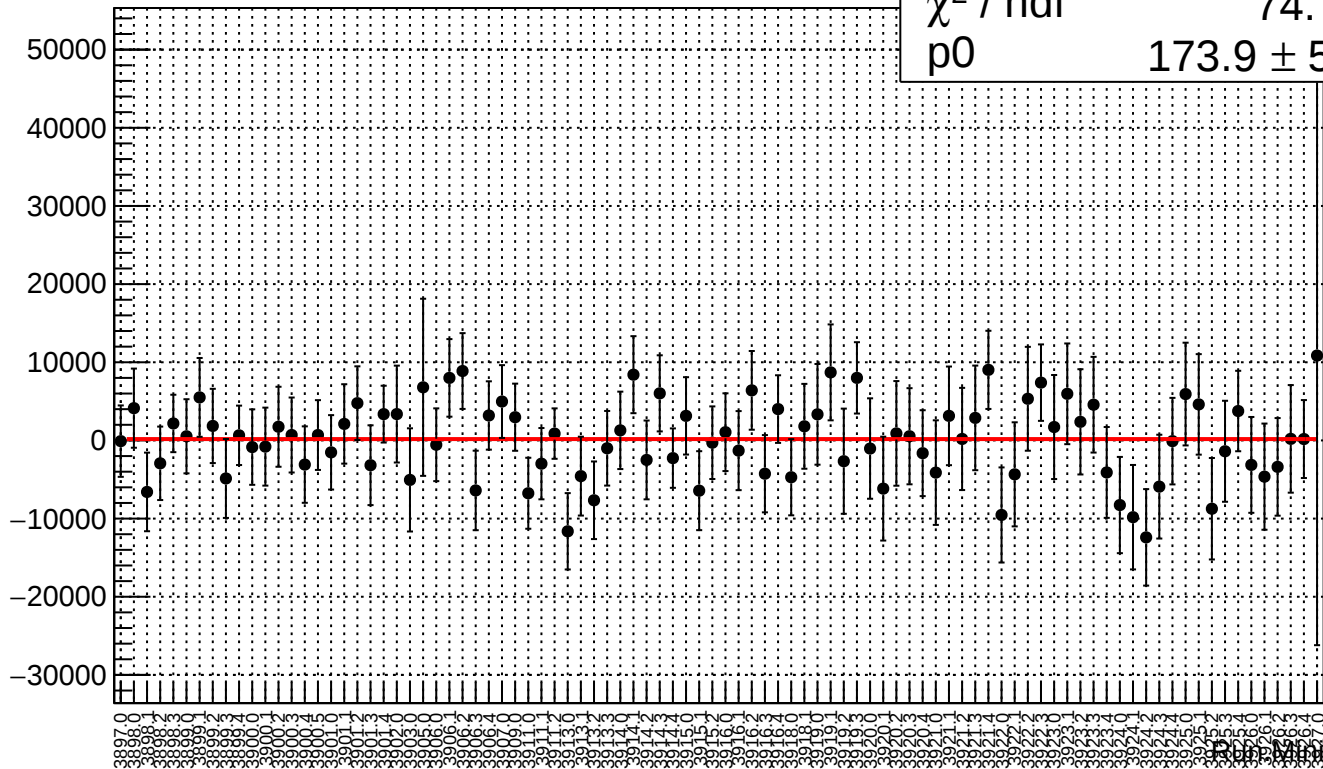
asym_ds_dd.mean/ppb

χ^2 / ndf

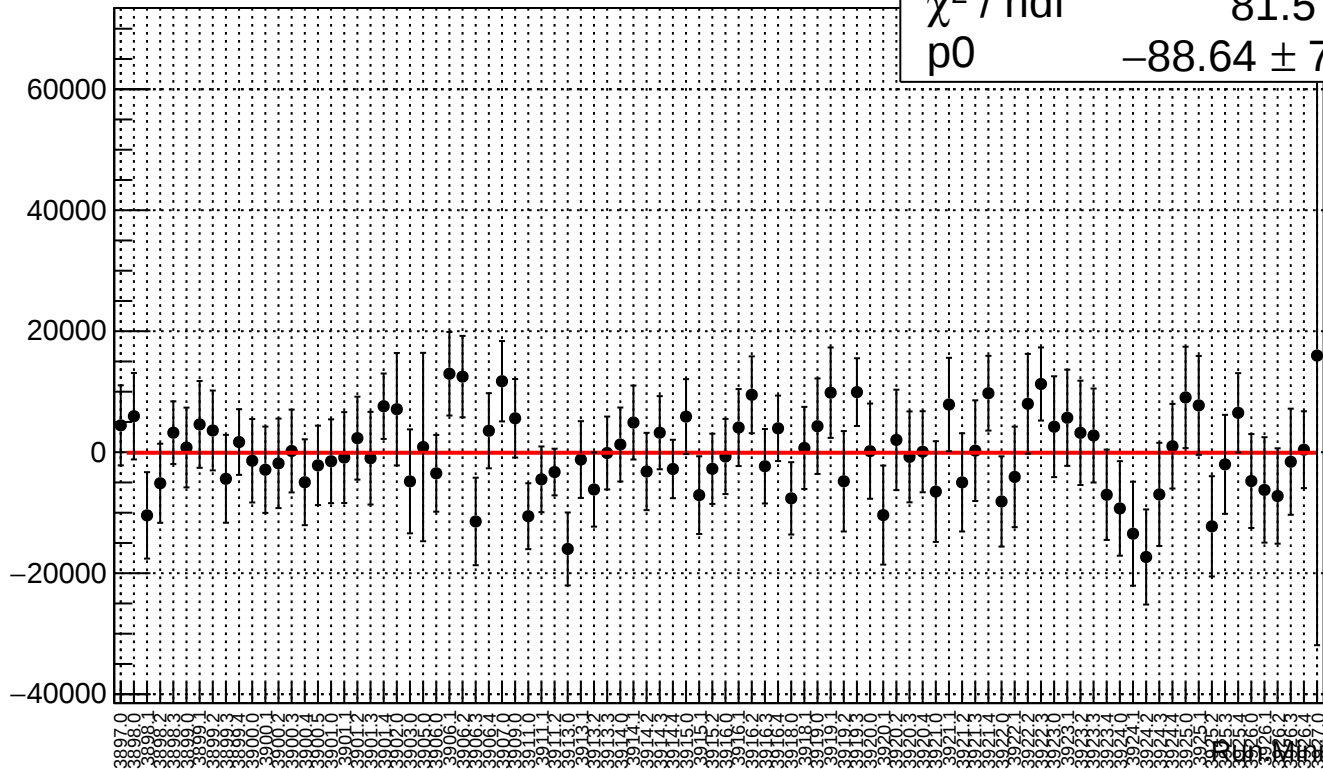
74.7 / 91

p0

173.9 ± 543.4



χ^2 / ndf	81.57 / 91
p0	-88.64 ± 712.2



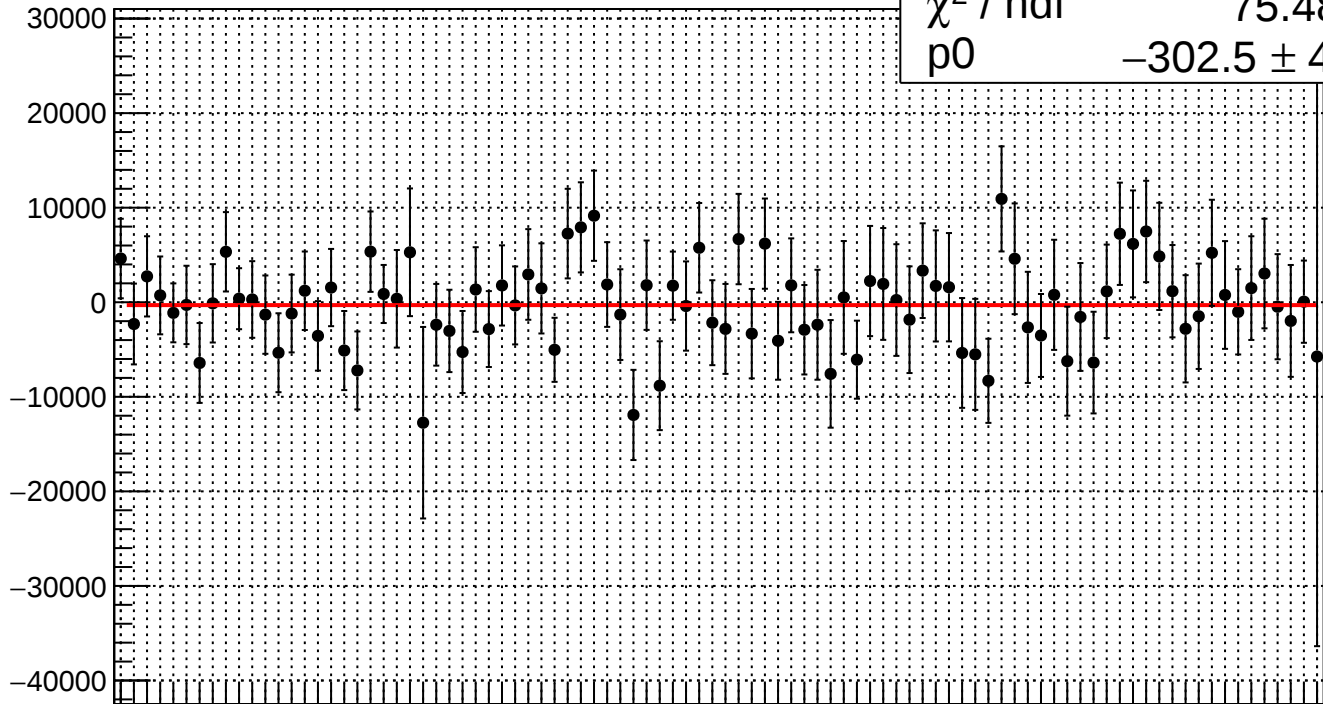
asym_dsr.mean/ppb

χ^2 / ndf

75.48 / 91

p0

-302.5 ± 488.2



Run Number

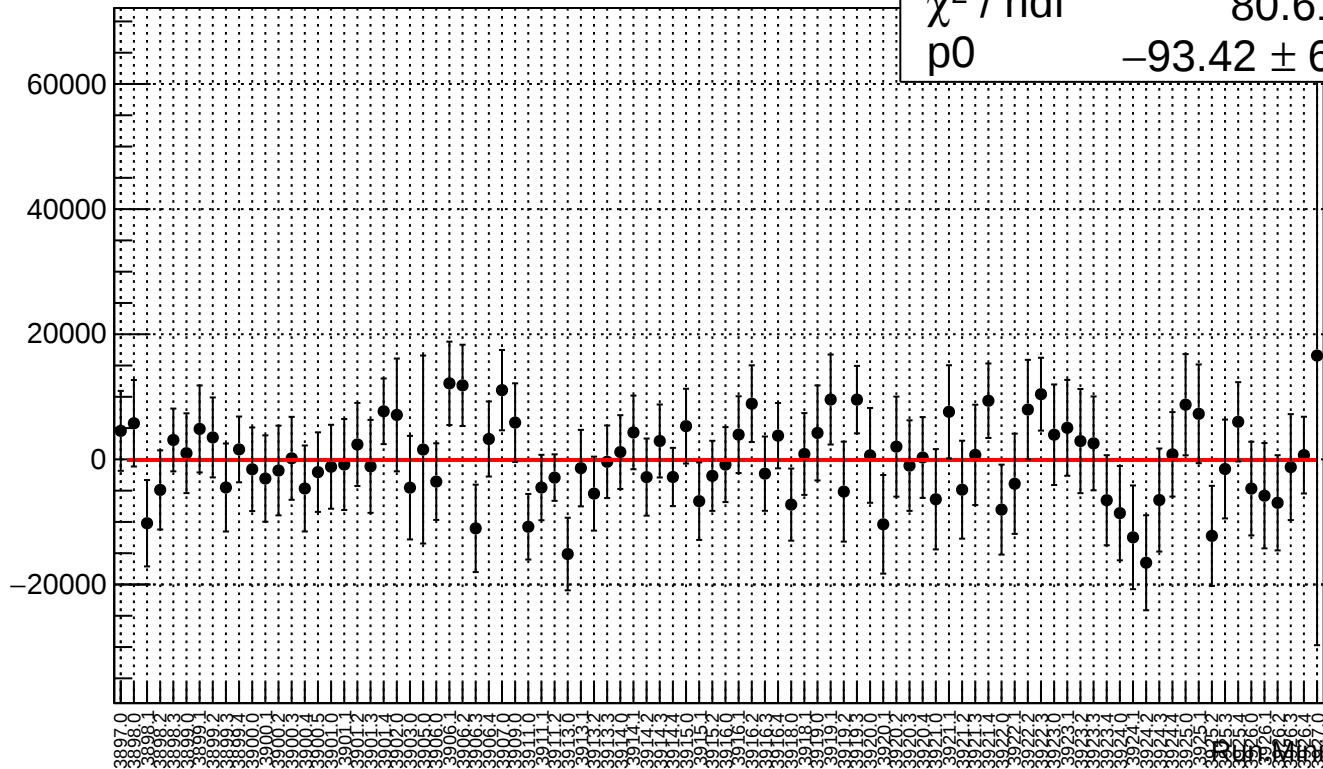
asym_left_avg.mean/ppb

χ^2 / ndf

80.61 / 91

p0

-93.42 ± 687.5



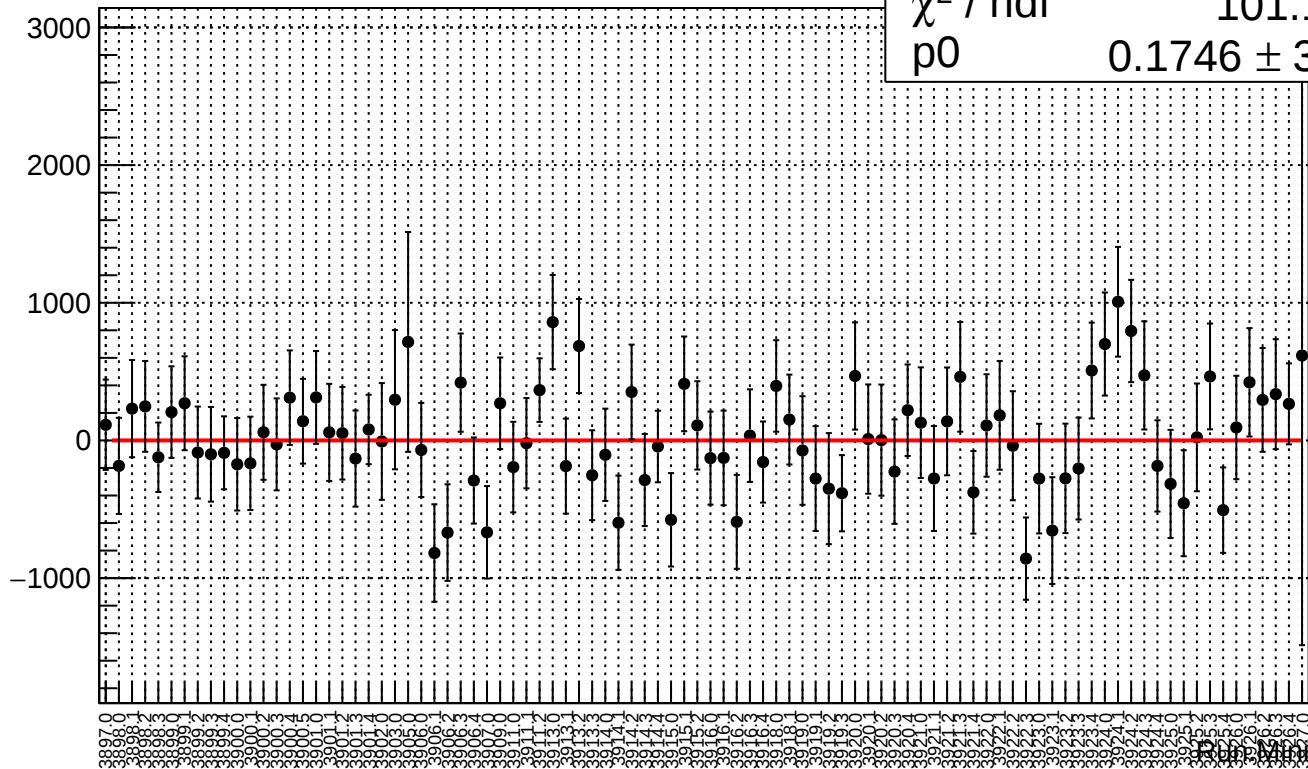
asym_left_dd.mean/ppb

χ^2 / ndf

101.1 / 91

p0

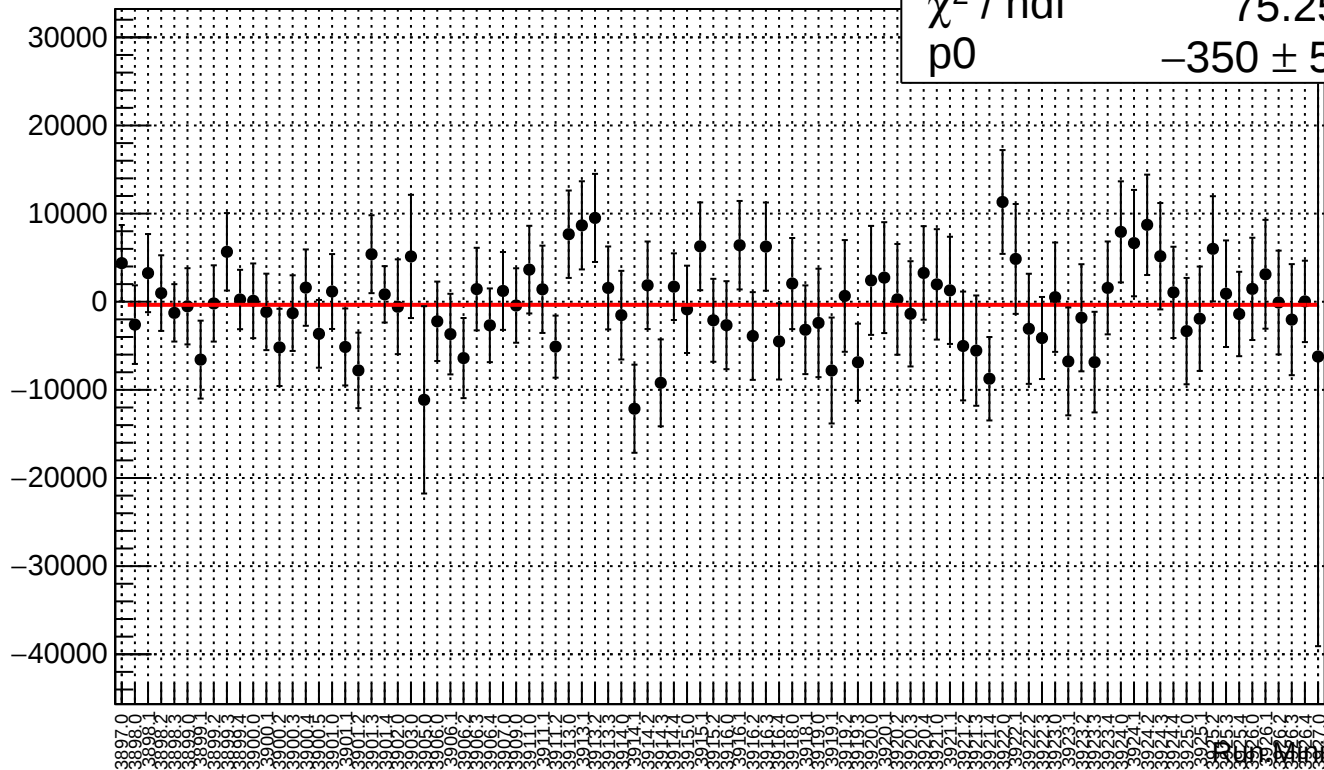
0.1746 ± 36.02



asym_right_avg.mean/ppb

χ^2 / ndf
p0

75.25 / 91
 -350 ± 512.8



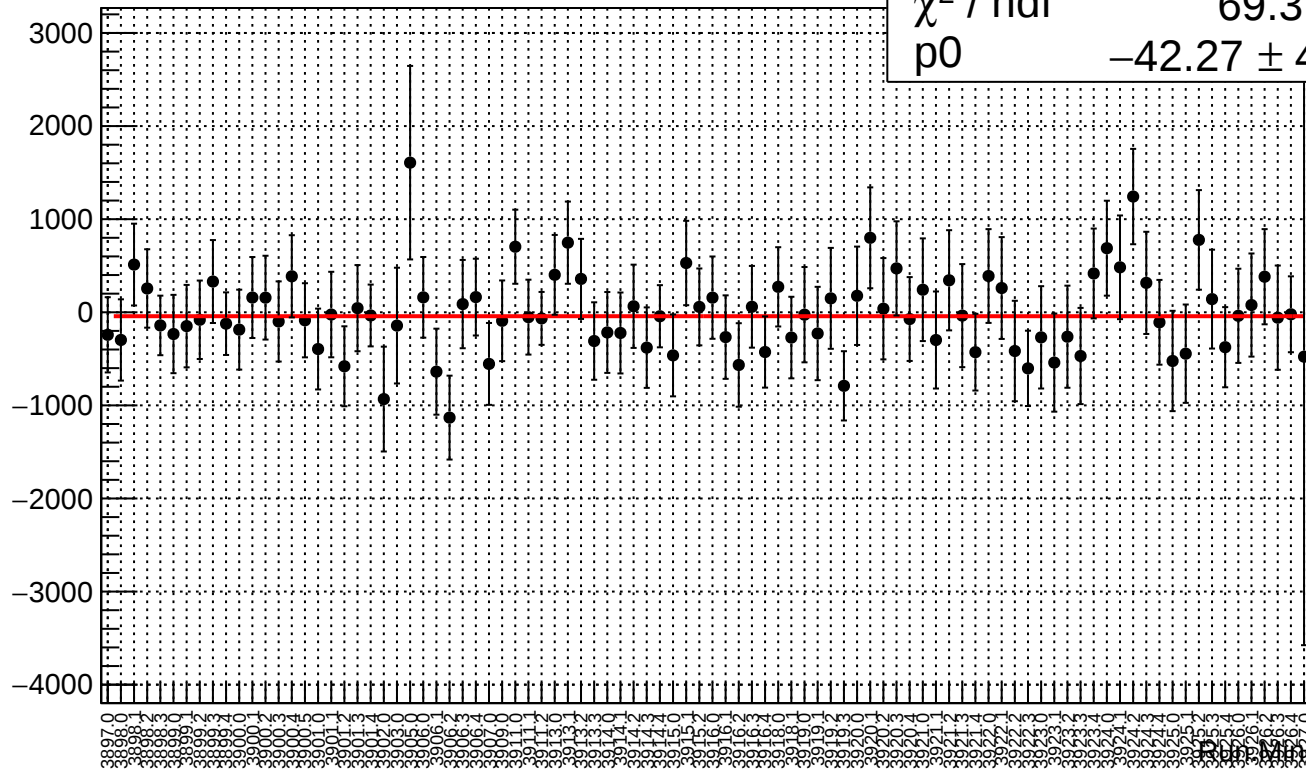
asym_right_dd.mean/ppb

χ^2 / ndf

69.37 / 91

p0

-42.27 ± 47.26



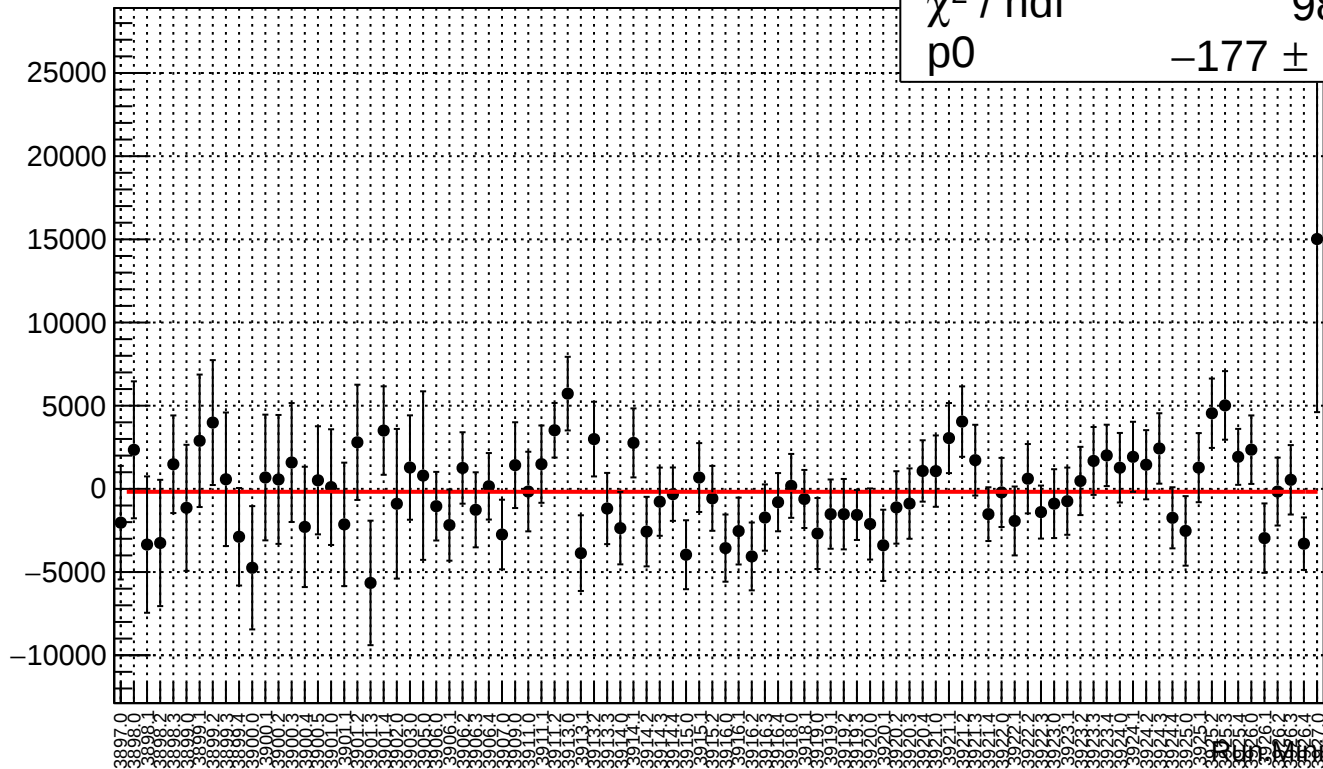
asym_sam_15_avg.mean/ppb

χ^2 / ndf

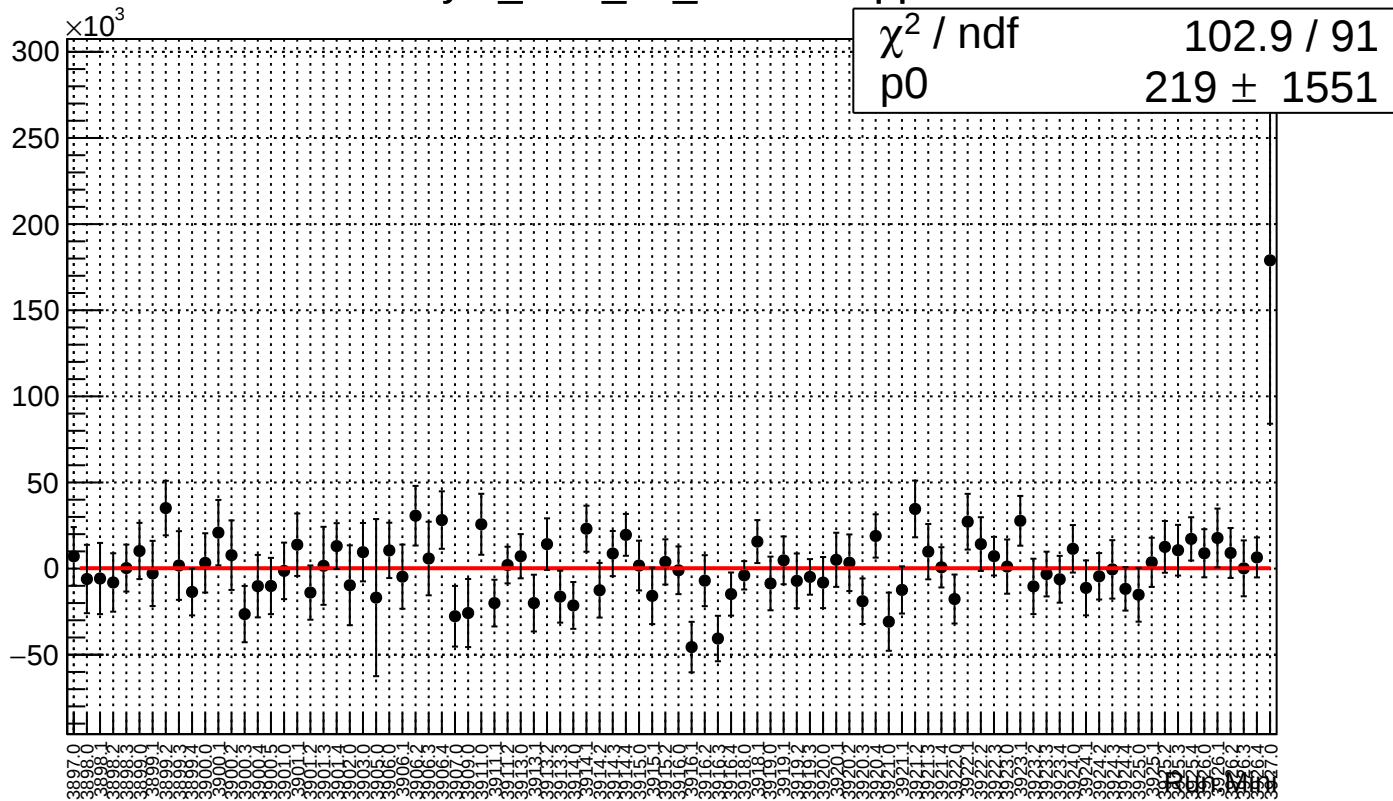
98 / 91

p0

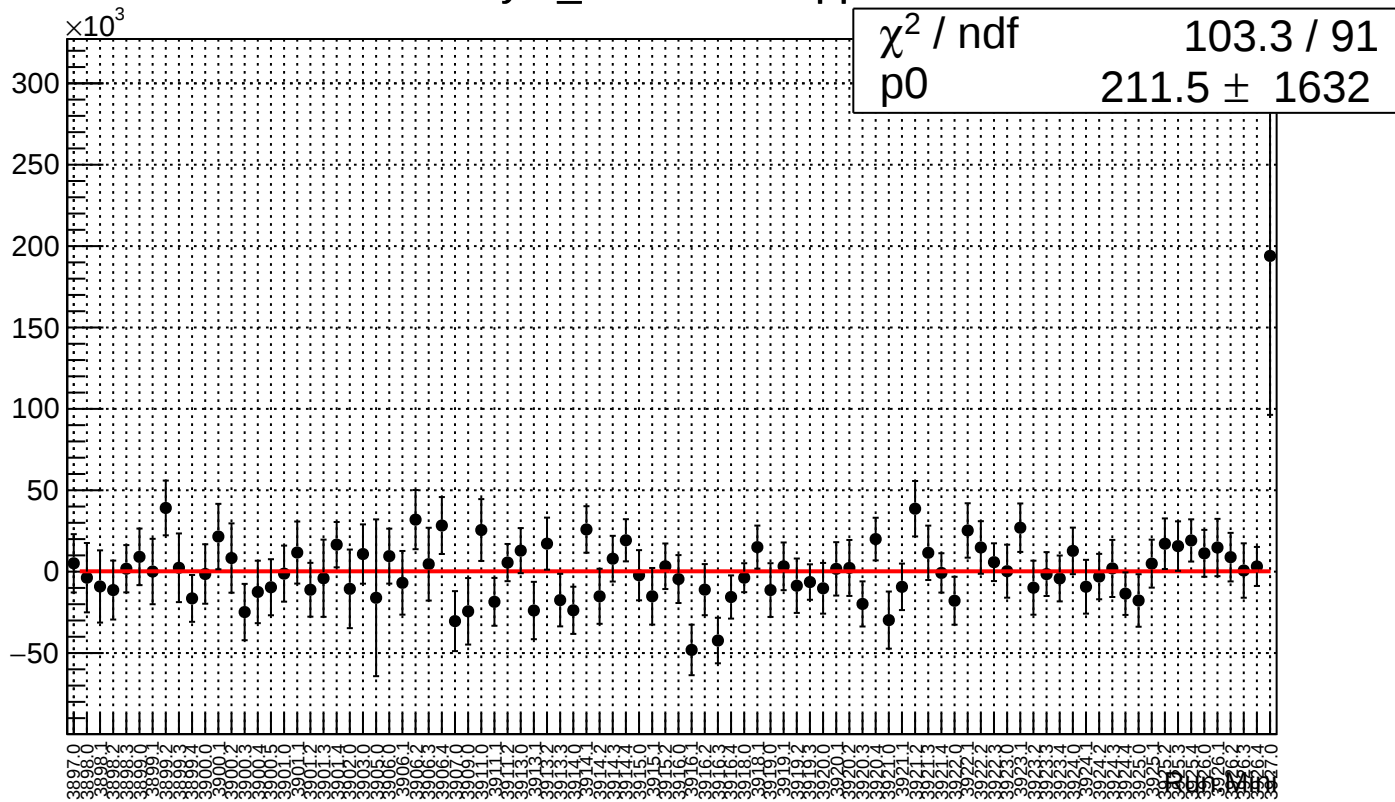
-177 ± 232



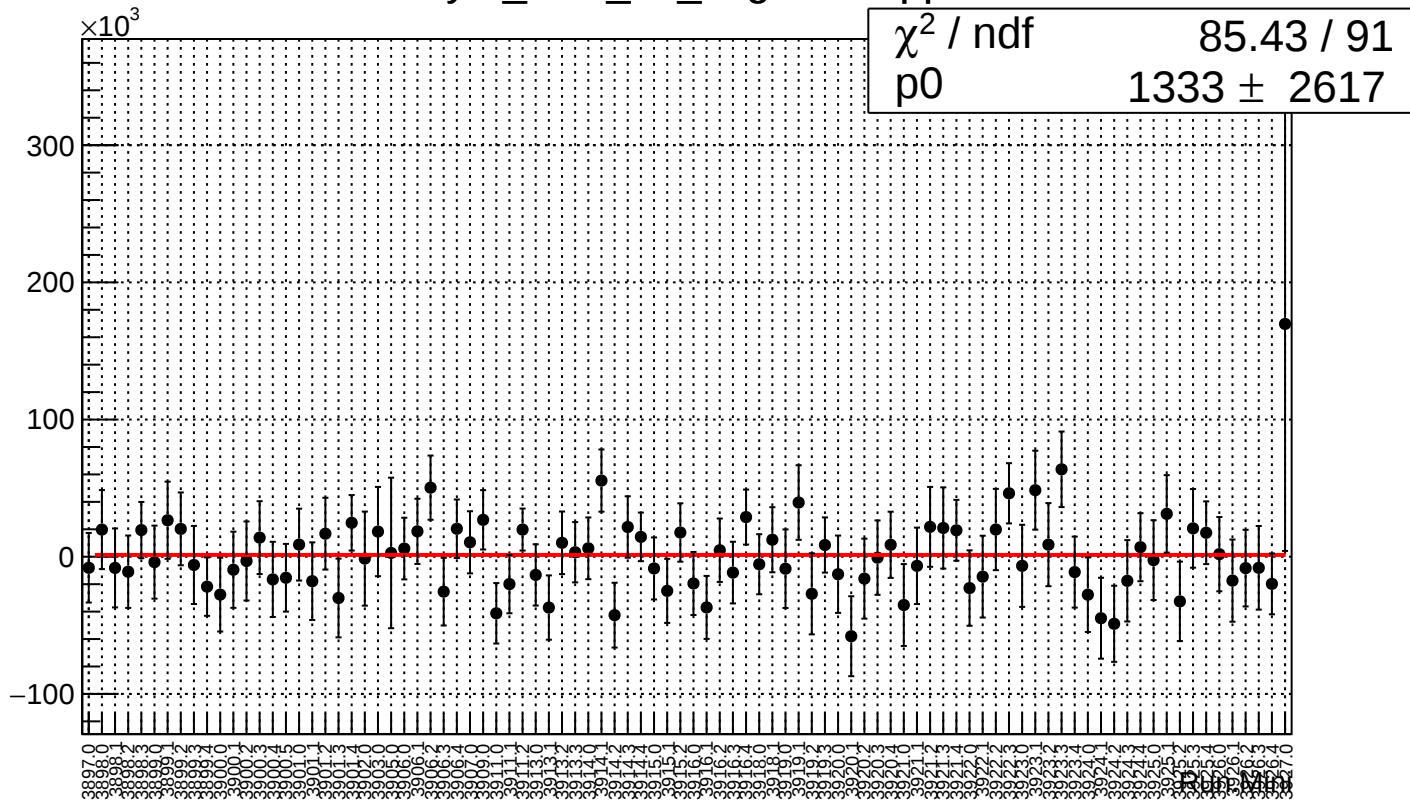
asym_sam_15_dd.mean/ppb



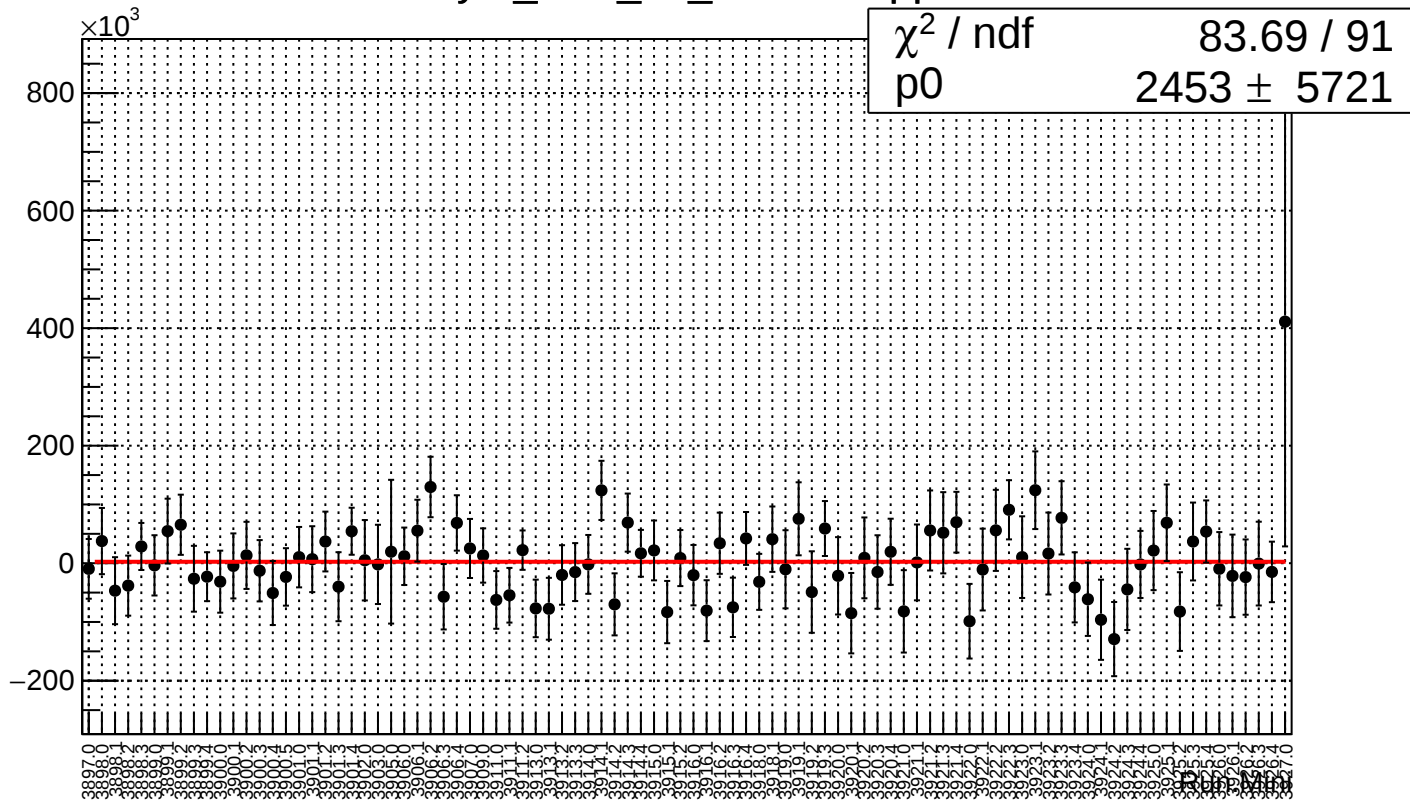
asym_sam1.mean/ppb



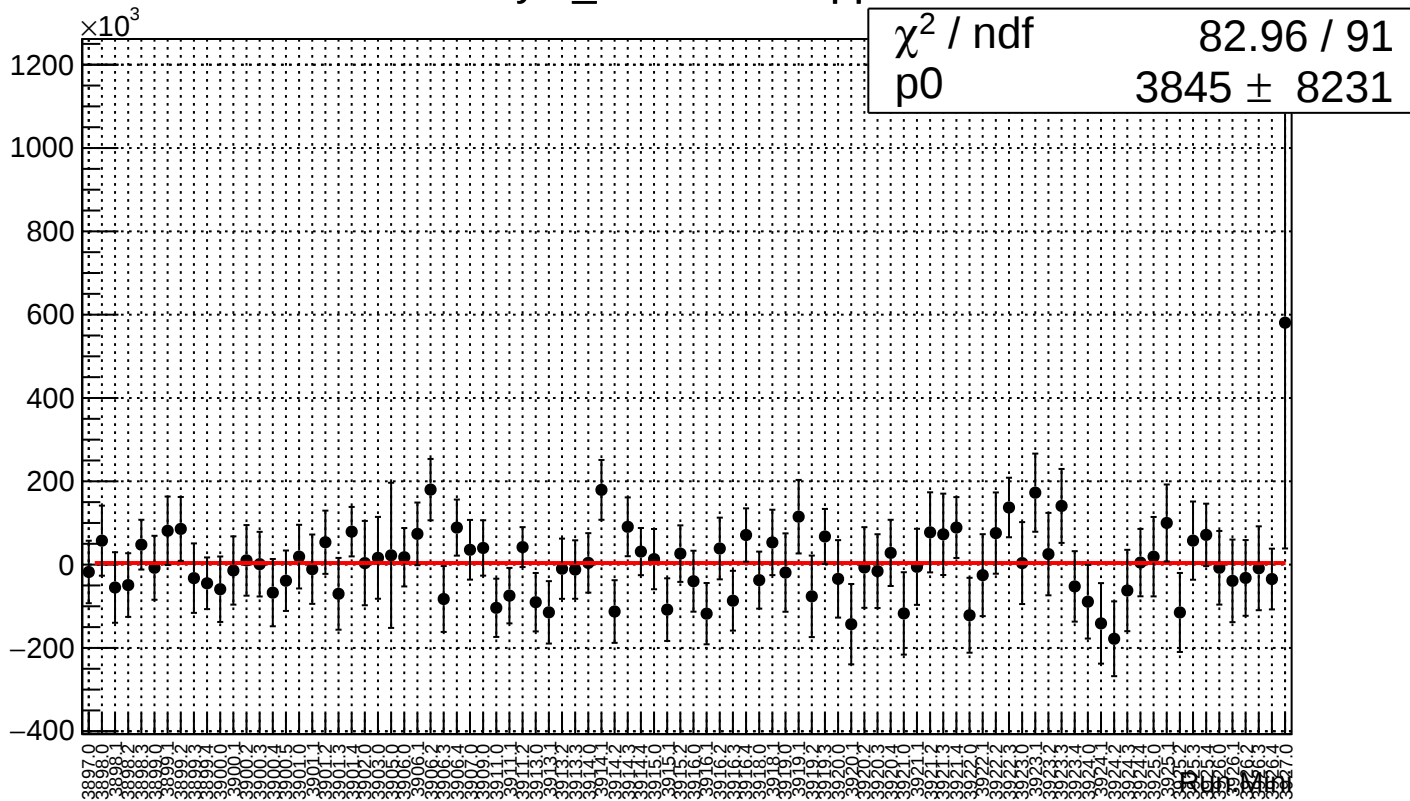
asym_sam_26_avg.mean/ppb



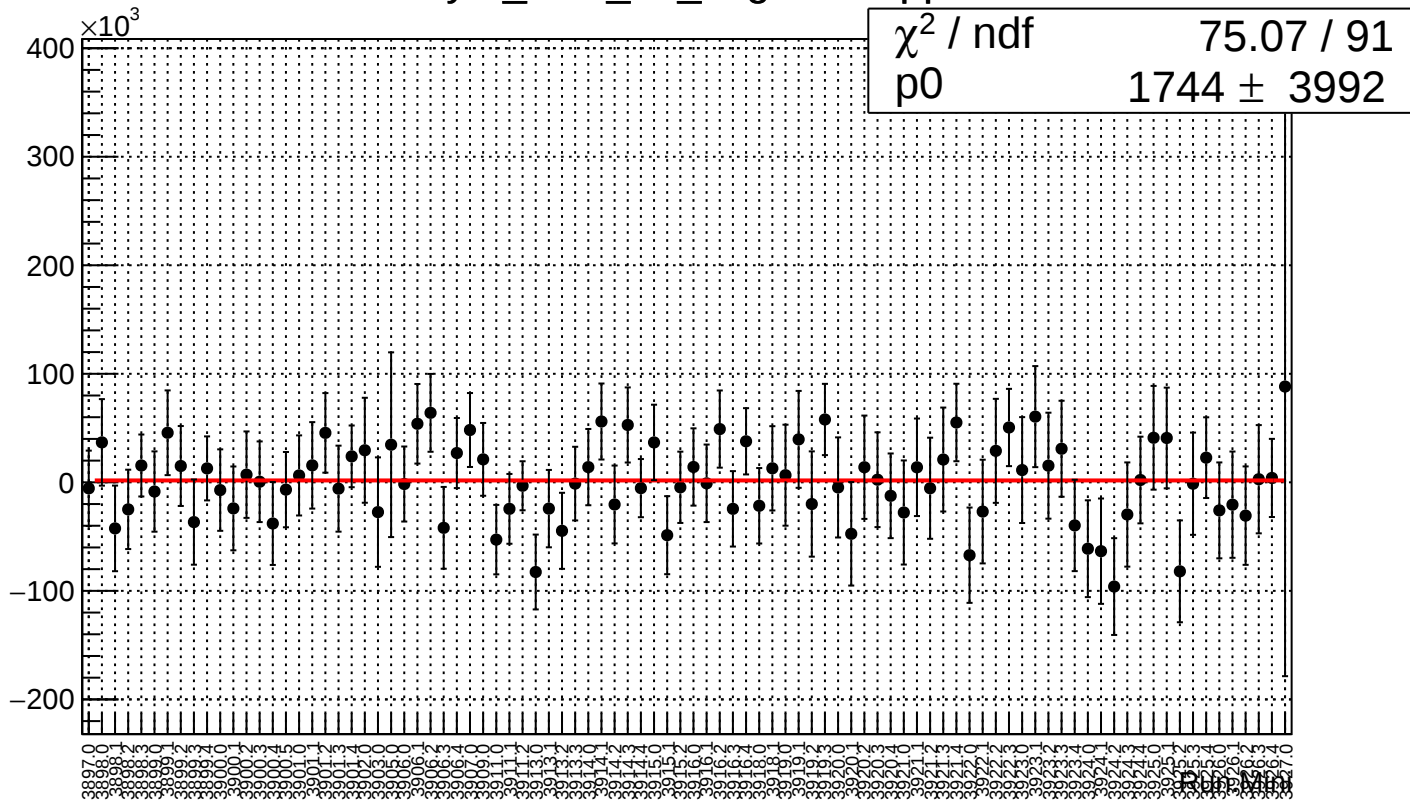
asym_sam_26_dd.mean/ppb



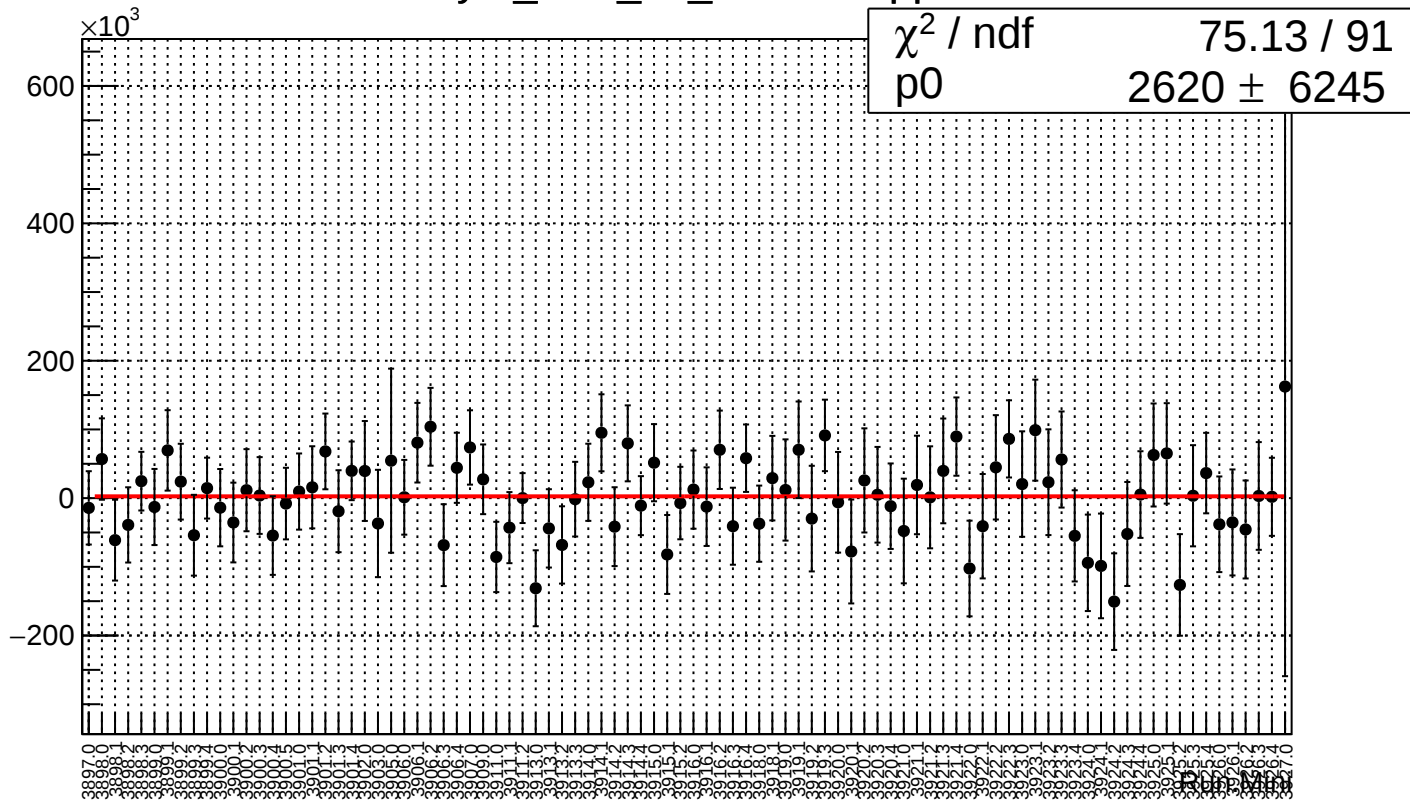
asym_sam2.mean/ppb



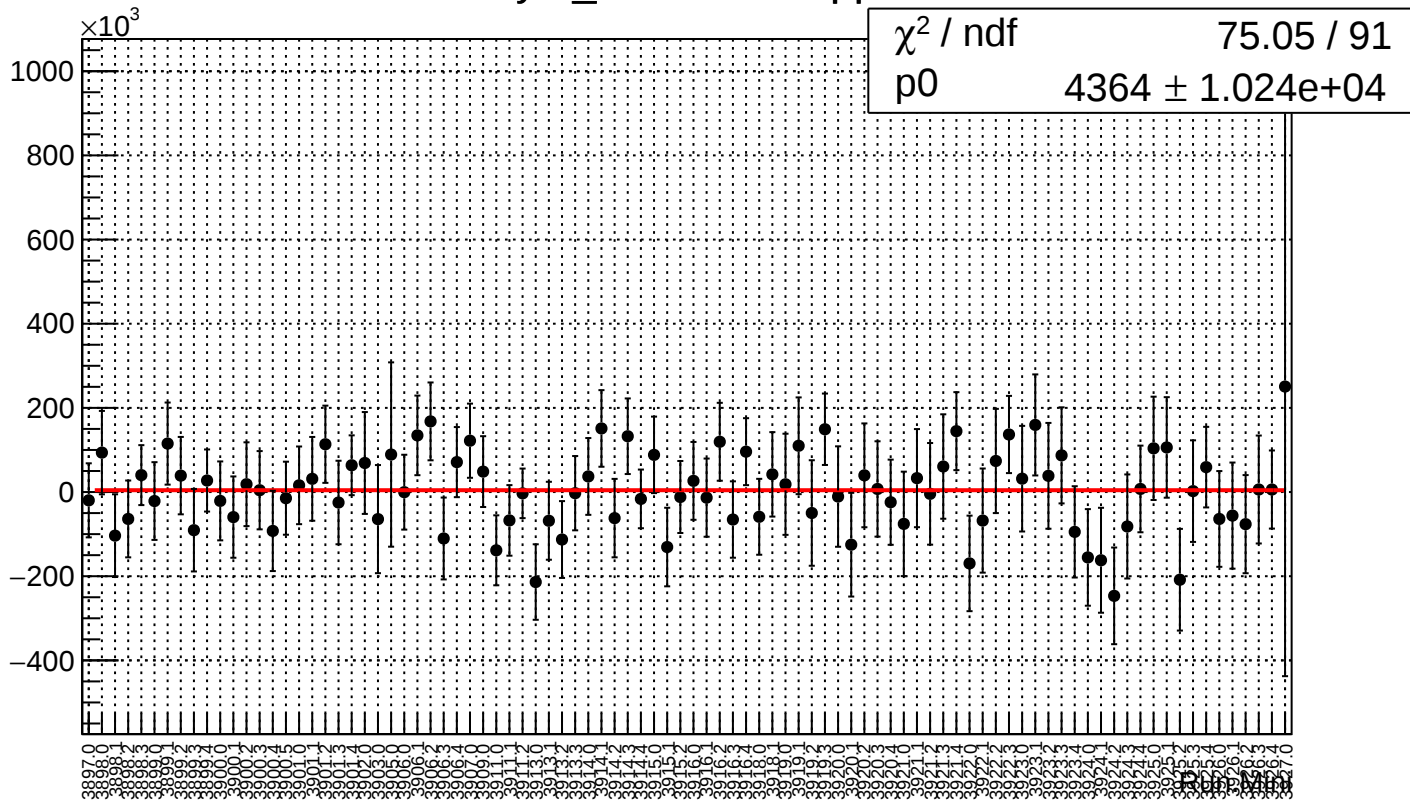
asym_sam_37_avg.mean/ppb



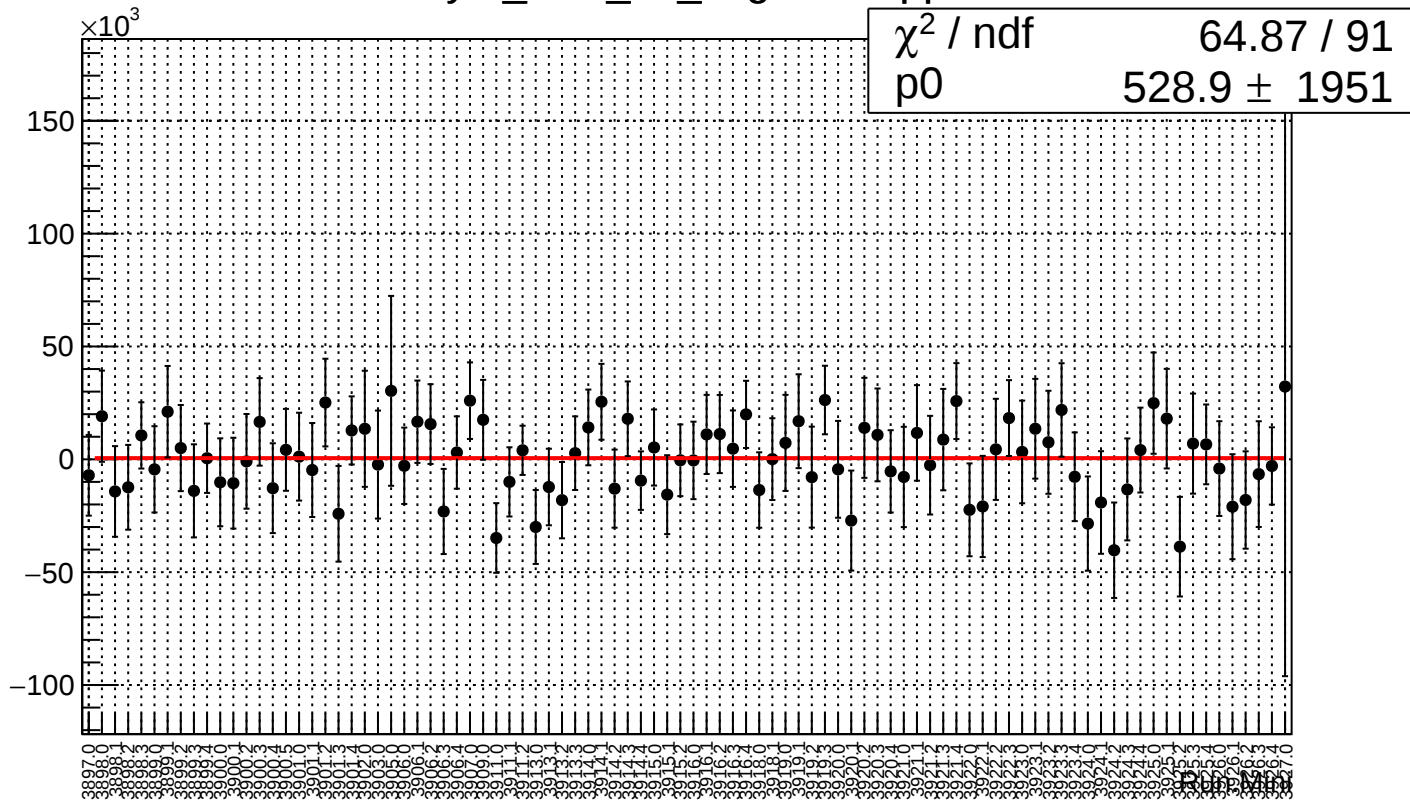
asym_sam_37_dd.mean/ppb



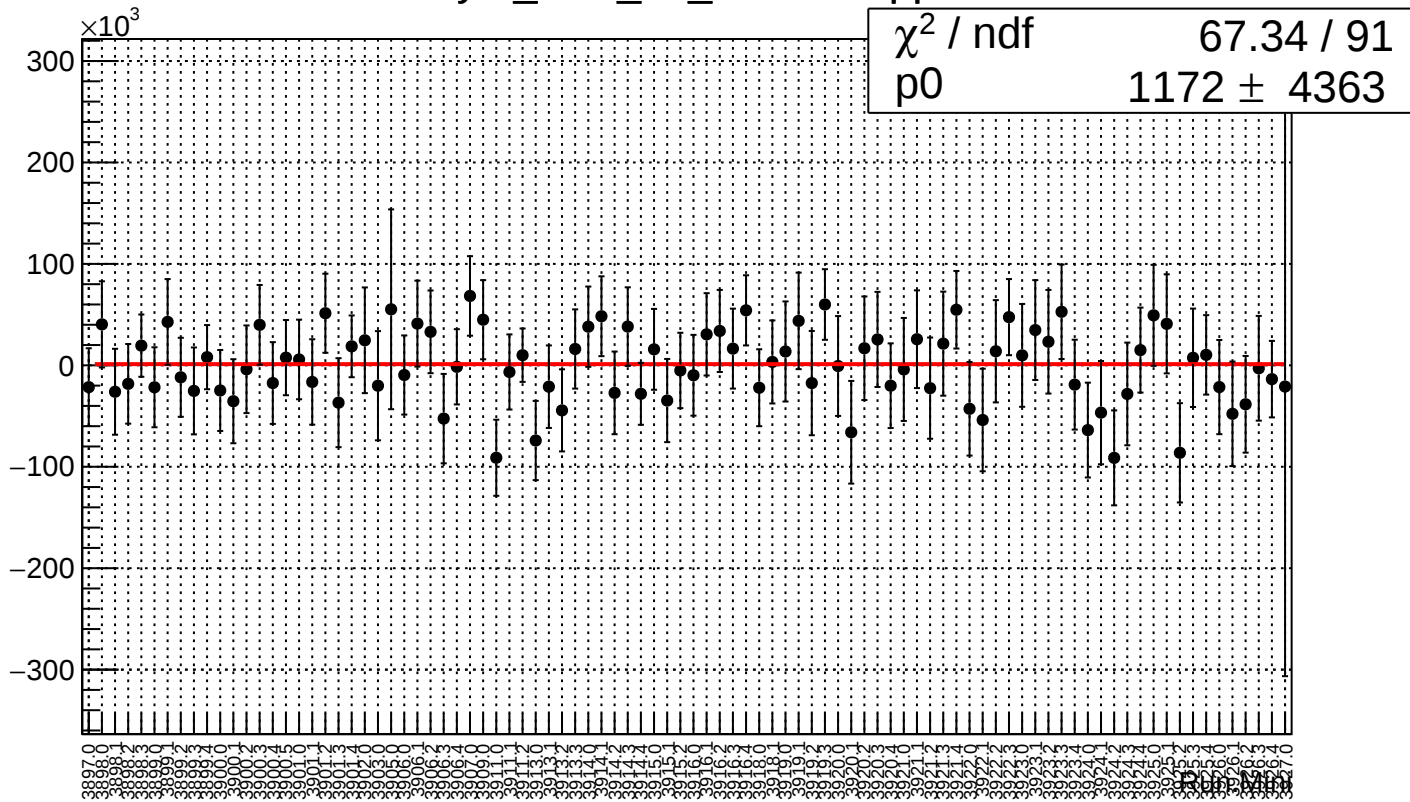
asym_sam3.mean/ppb



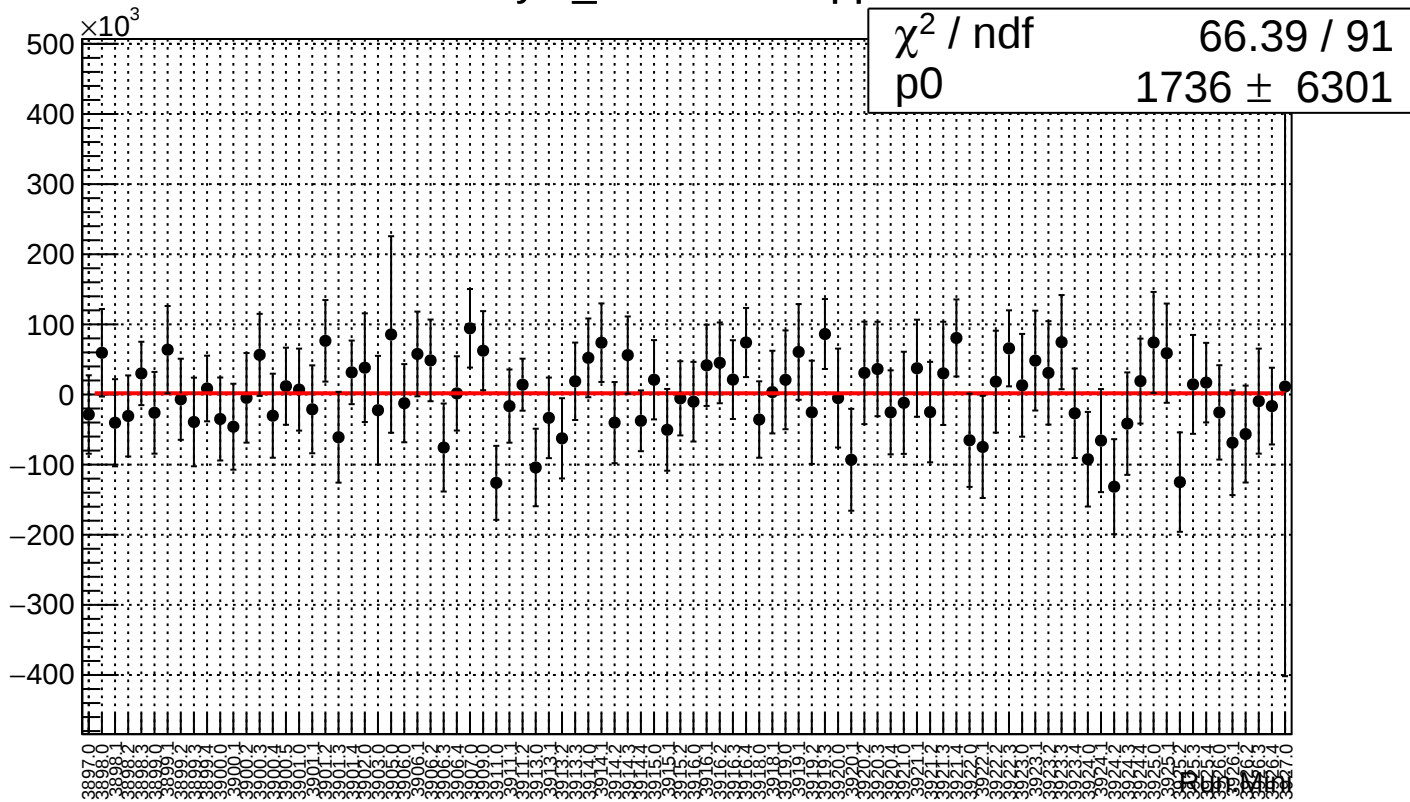
asym_sam_48_avg.mean/ppb



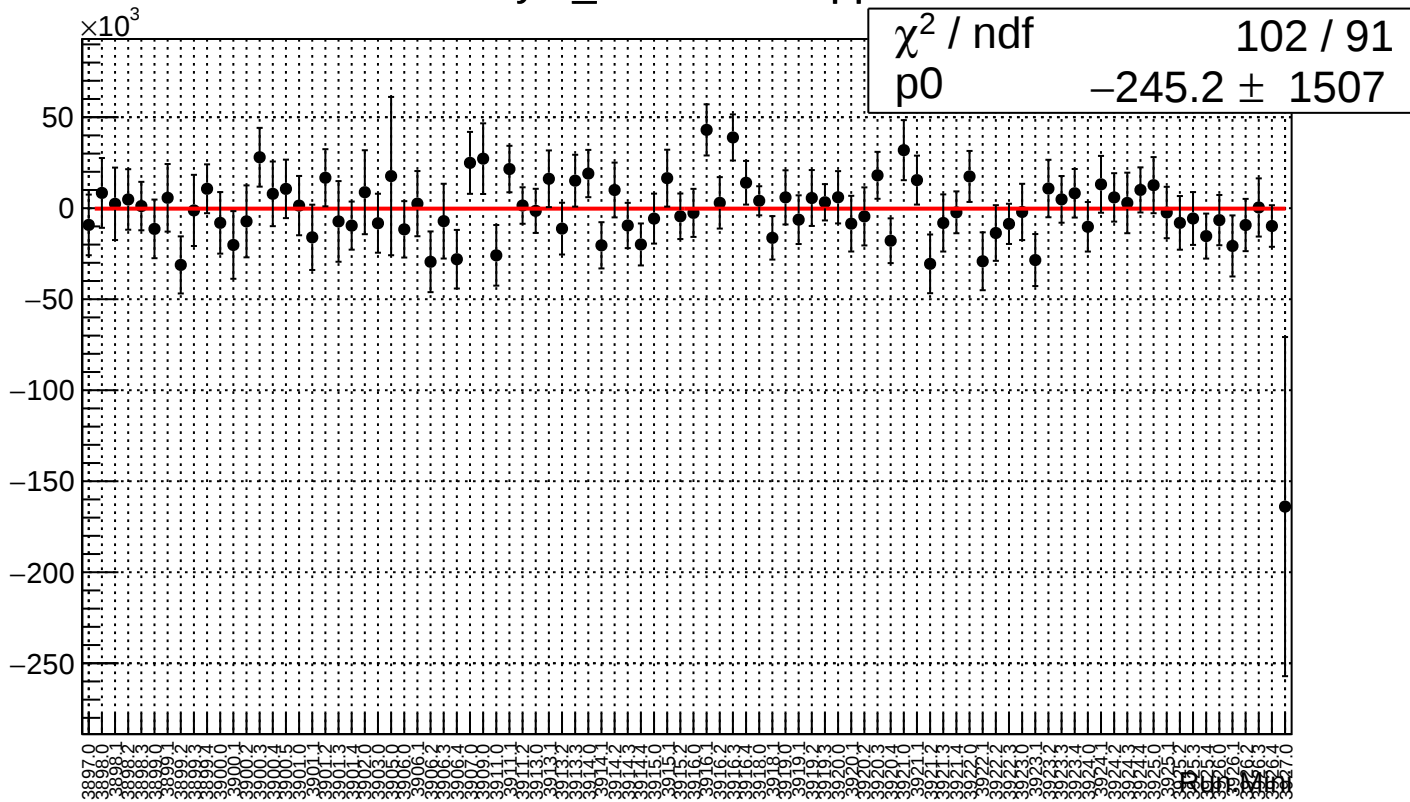
asym_sam_48_dd.mean/ppb



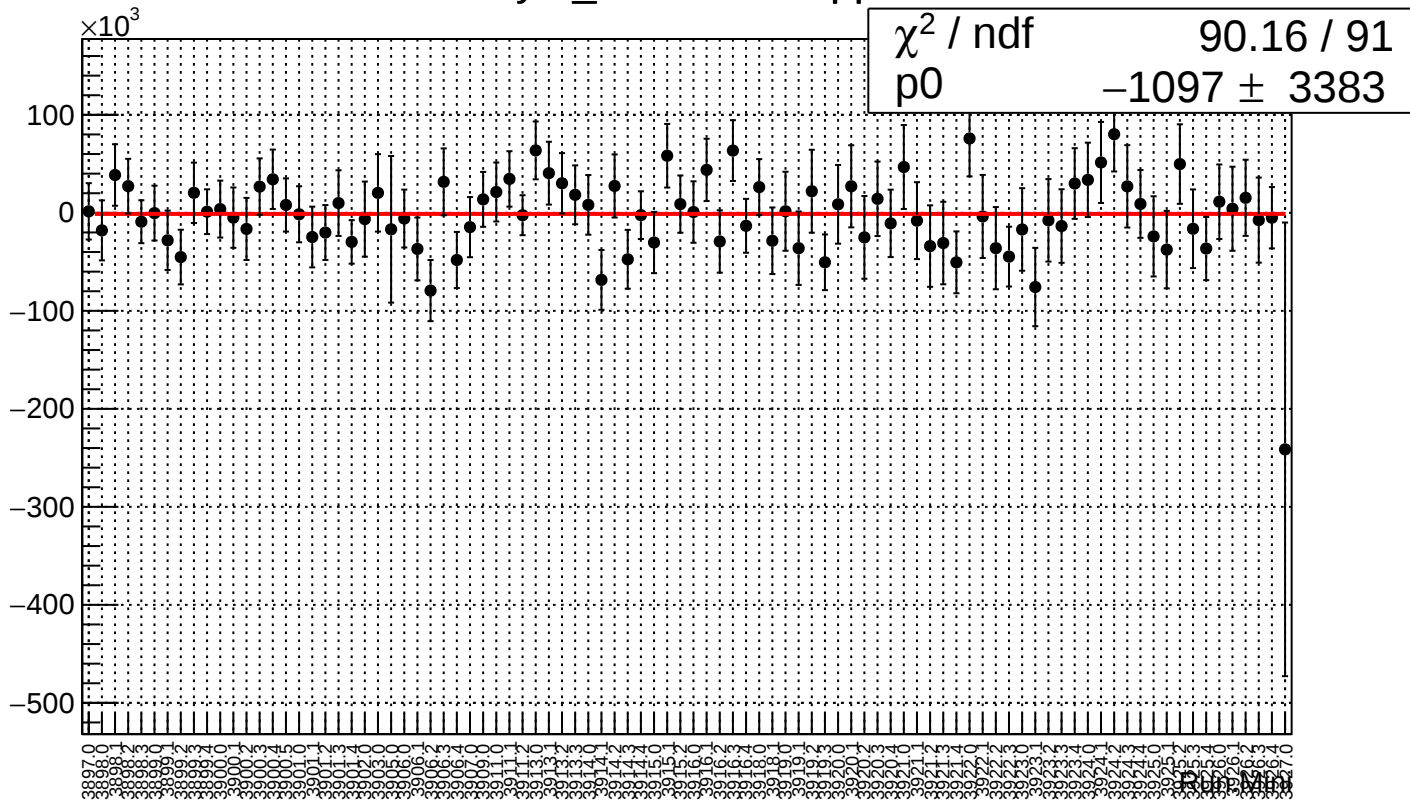
asym_sam4.mean/ppb



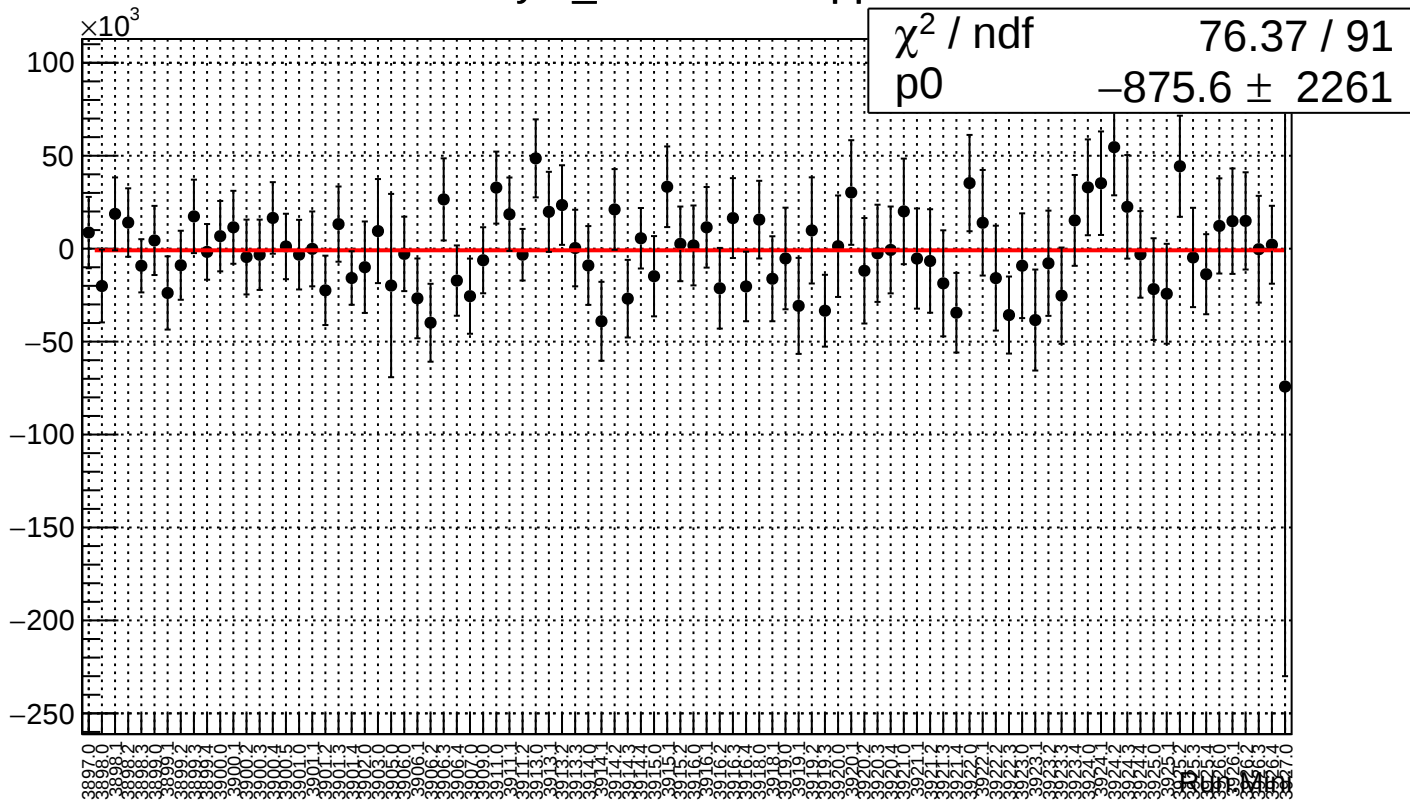
asym_sam5.mean/ppb



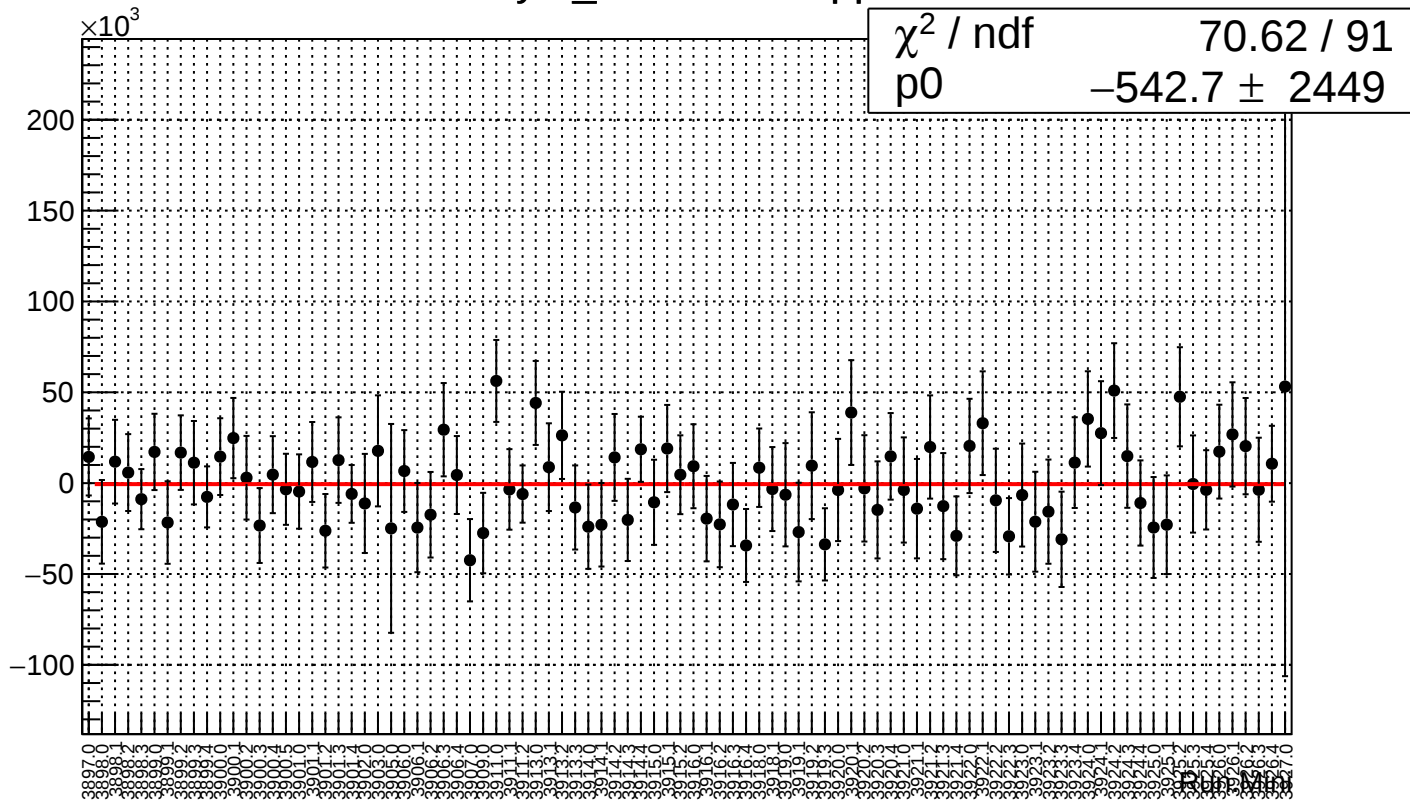
asym_sam6.mean/ppb



asym_sam7.mean/ppb



asym_sam8.mean/ppb



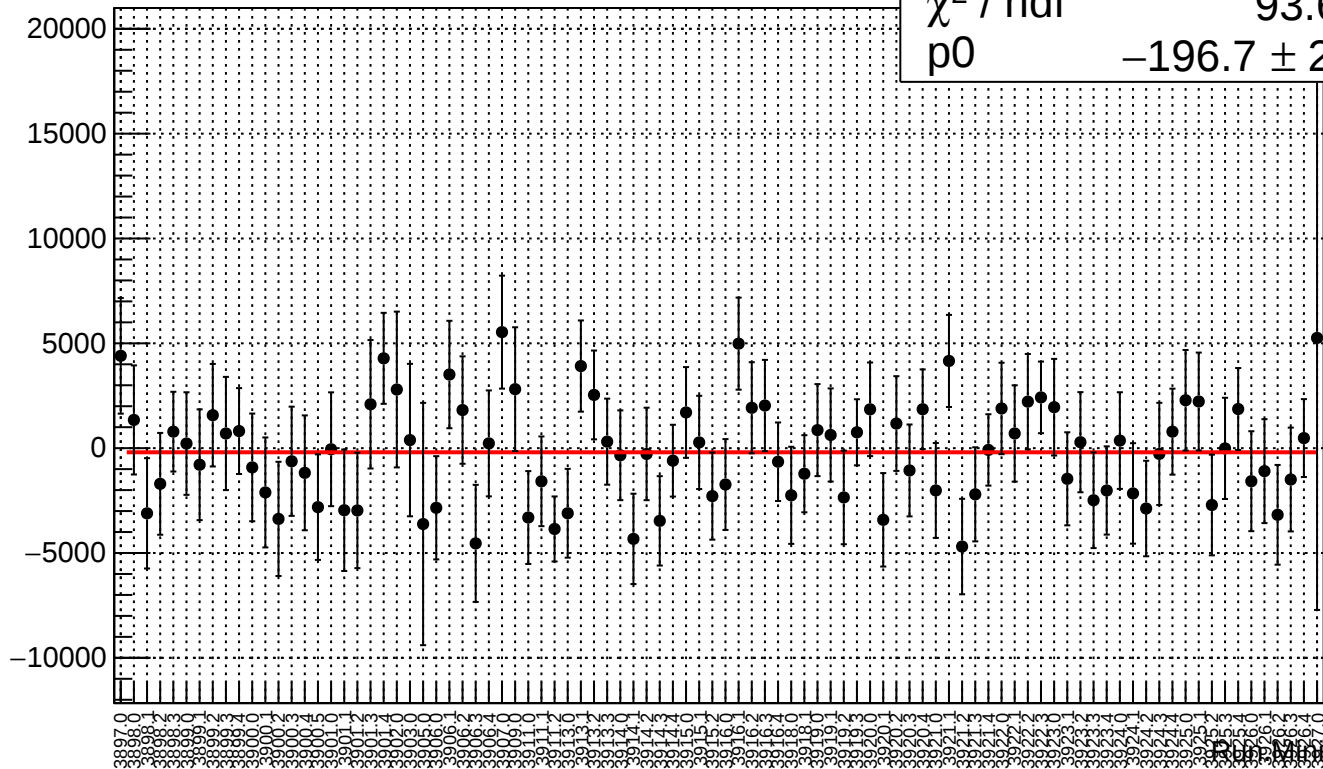
asym_us_avg.mean/ppb

χ^2 / ndf

93.6 / 91

p0

-196.7 ± 237.5



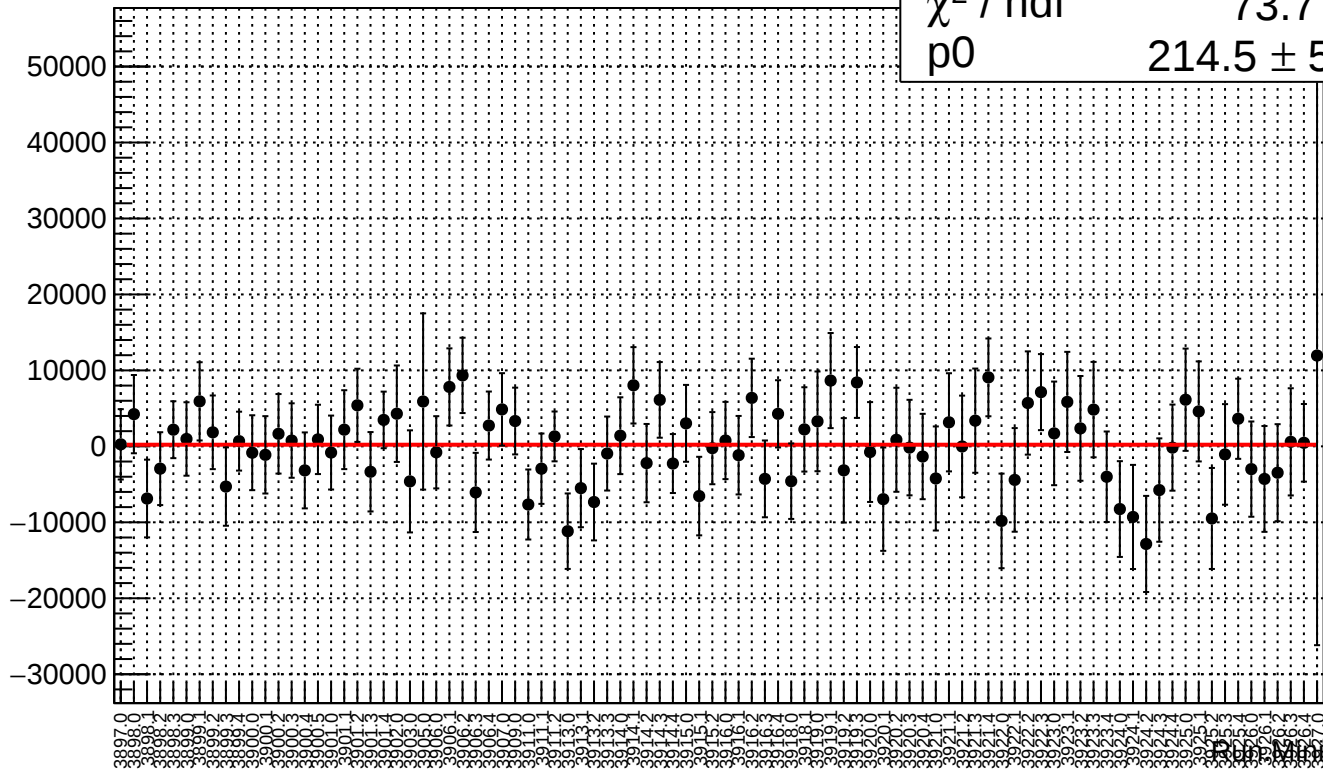
asym_us_dd.mean/ppb

χ^2 / ndf

73.77 / 91

p0

214.5 ± 555.3



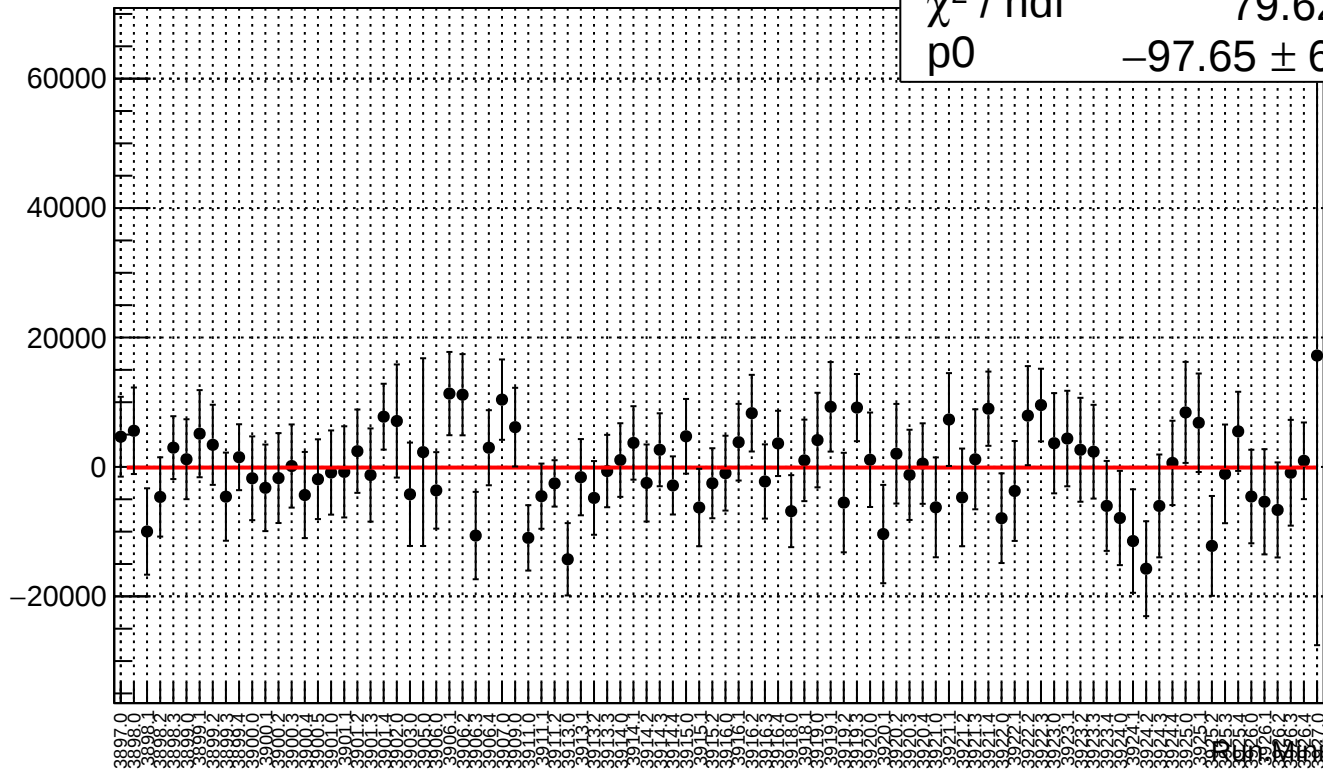
asym_usl.mean/ppb

χ^2 / ndf

79.62 / 91

p0

-97.65 ± 663.9



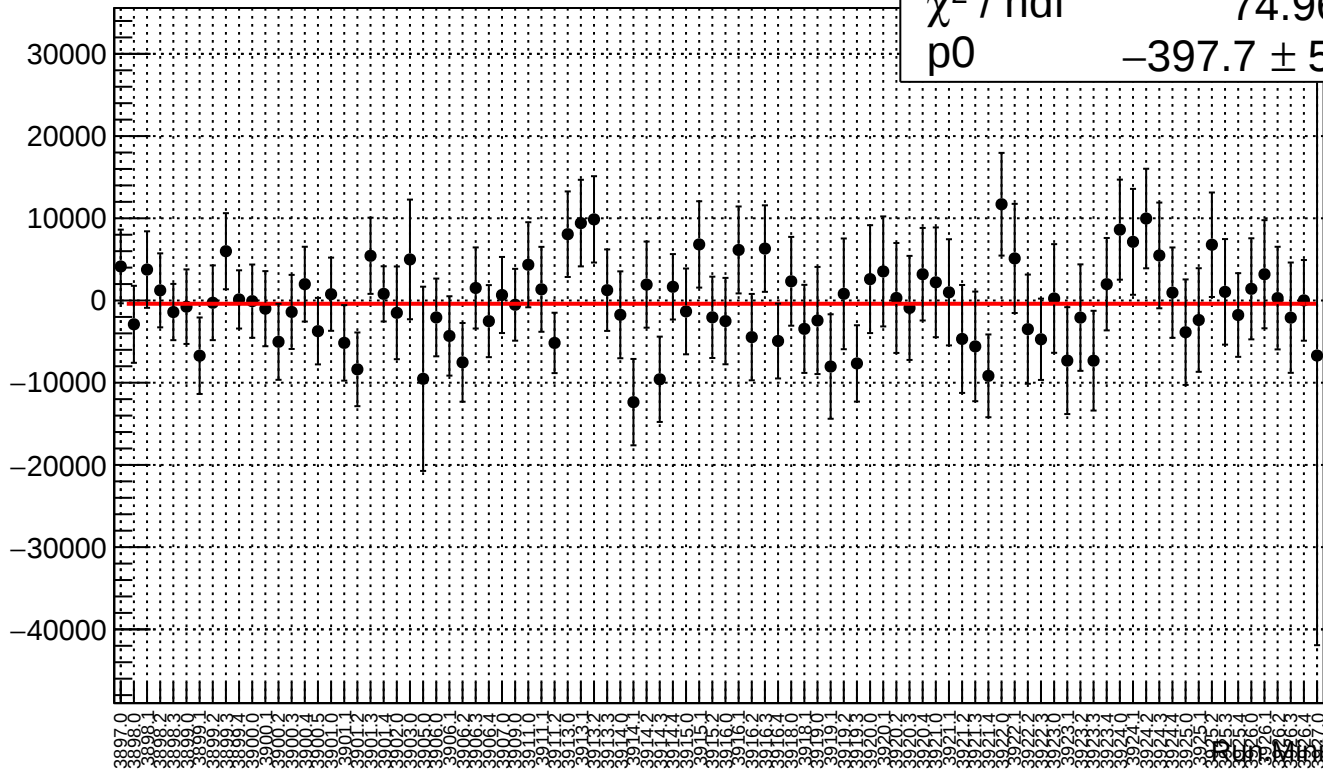
asym_usr.mean/ppb

χ^2 / ndf

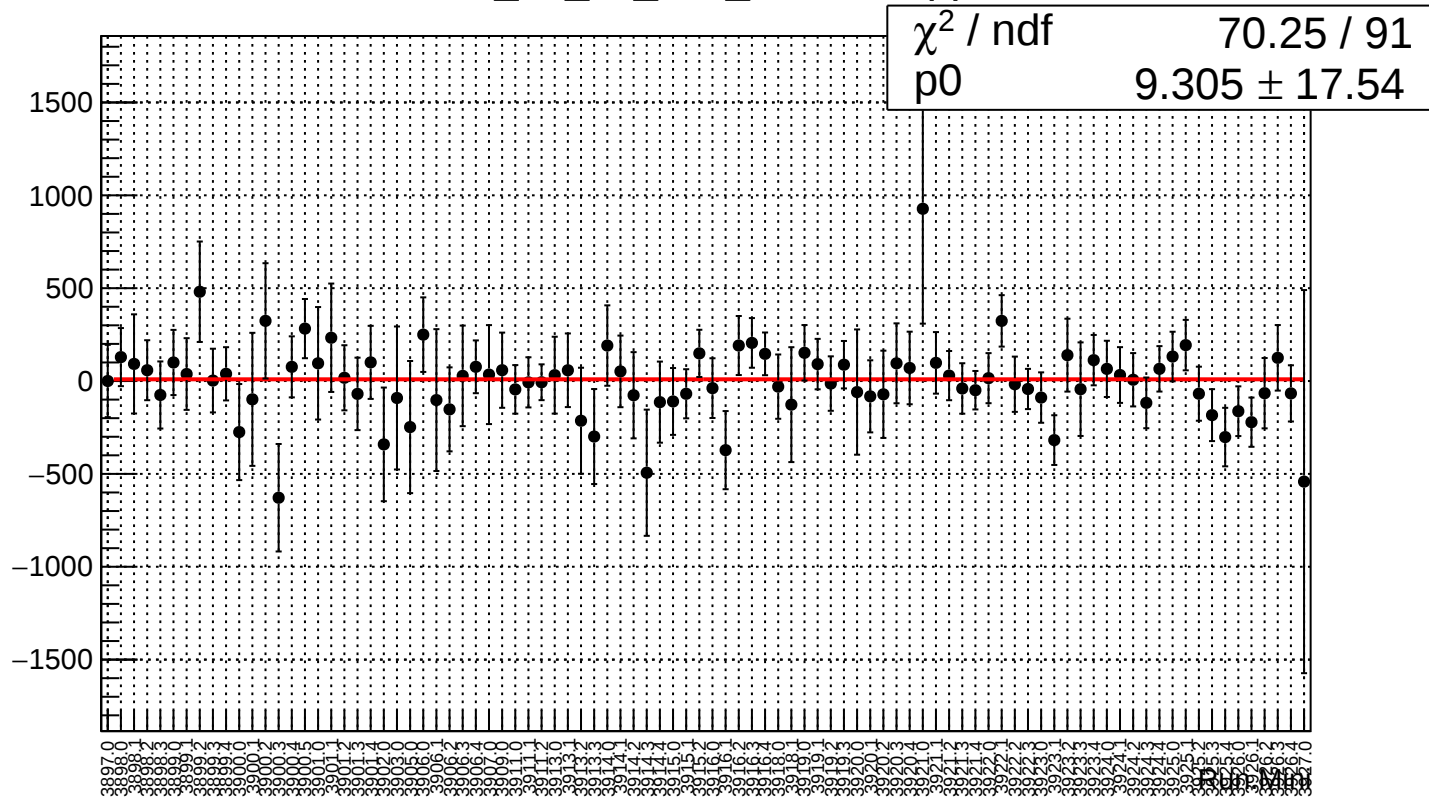
74.96 / 91

p0

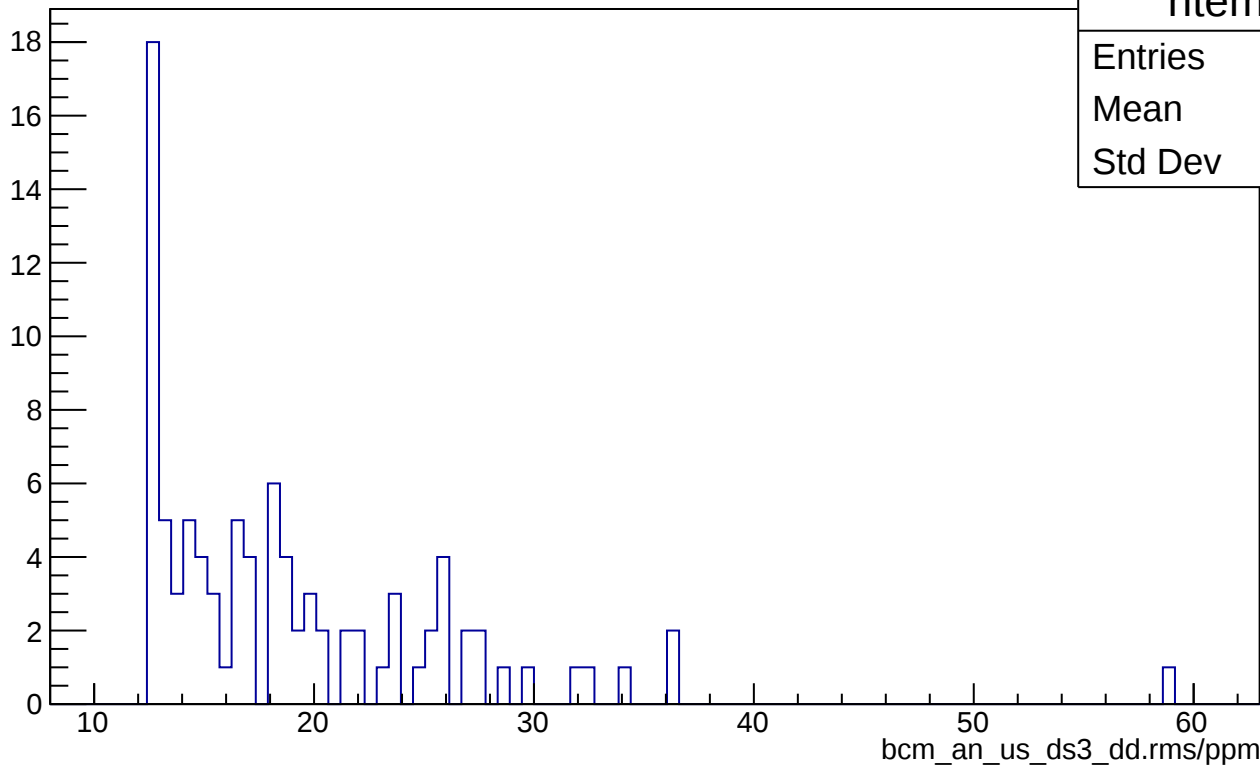
-397.7 ± 540.4



bcm_an_us_ds3_dd.mean/ppb



bcm_an_us_ds3_dd.rms/ppm



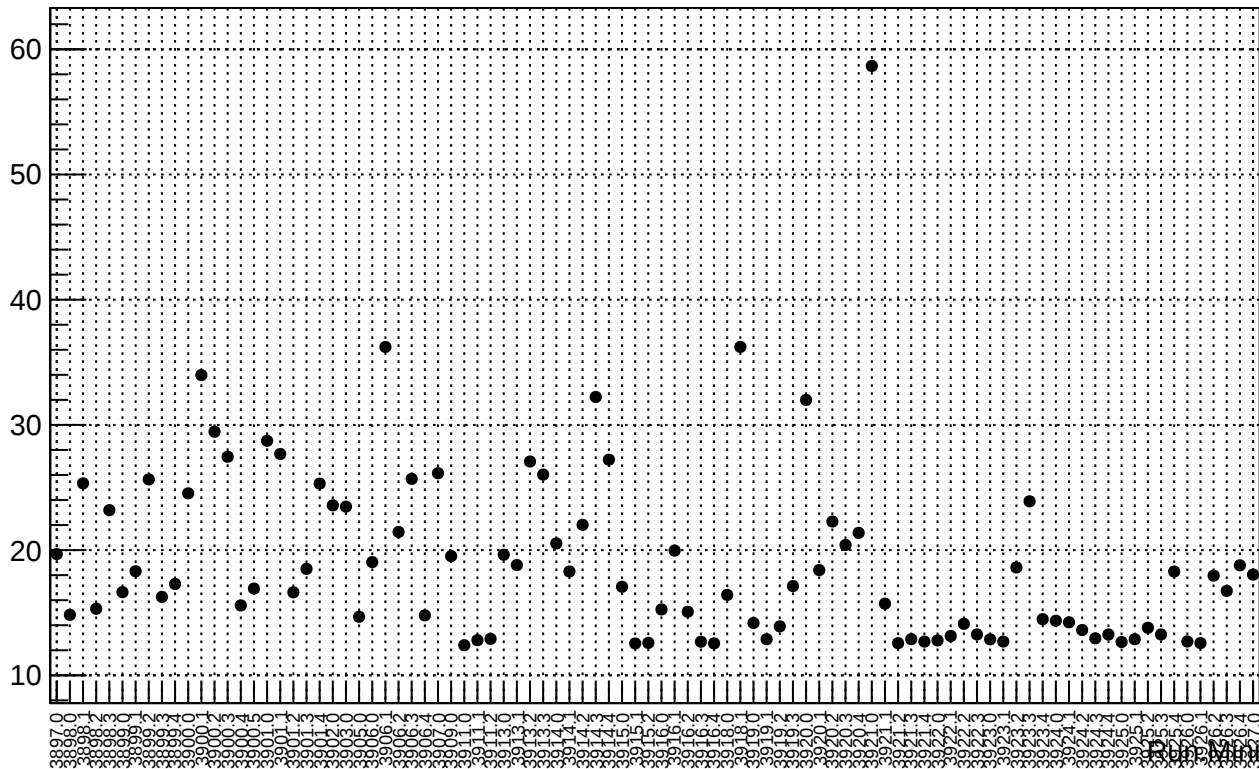
htemp

Entries 92

Mean 19.12

Std Dev 7.286

bcm_an_us_ds3_dd.rms/ppm



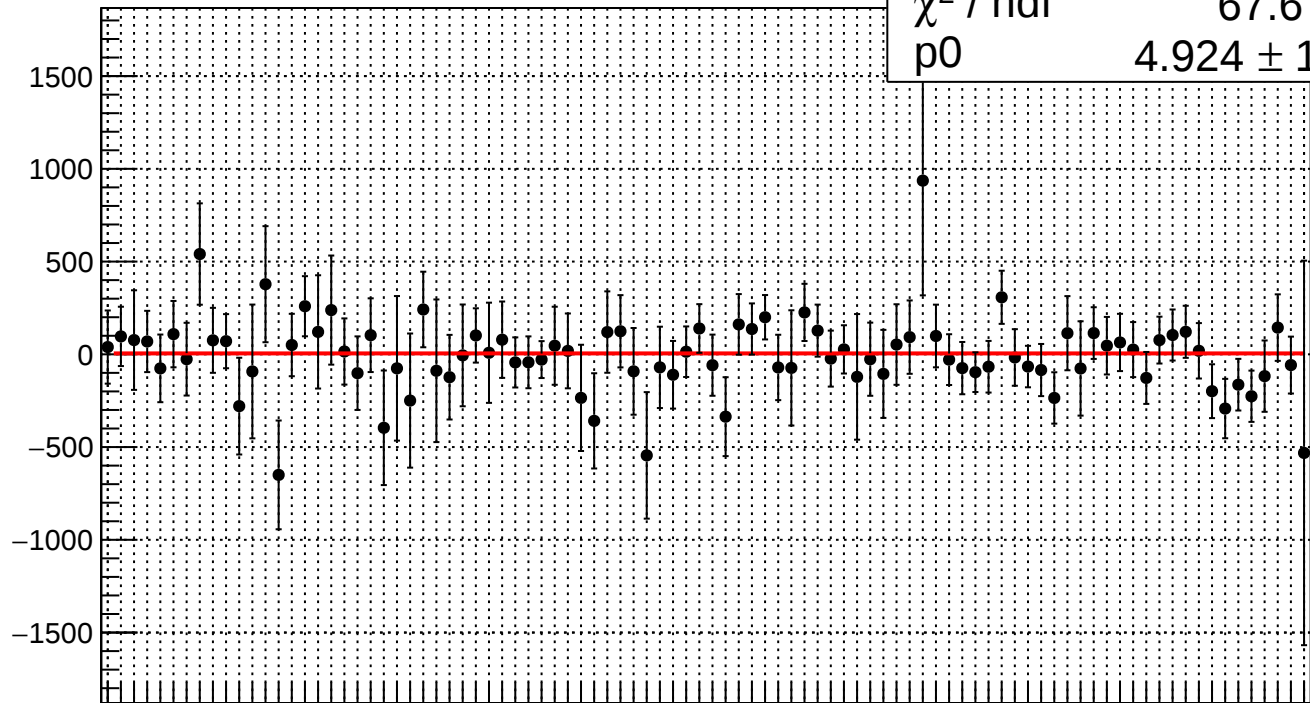
bcm_an_us_ds_dd.mean/ppb

χ^2 / ndf

67.67 / 91

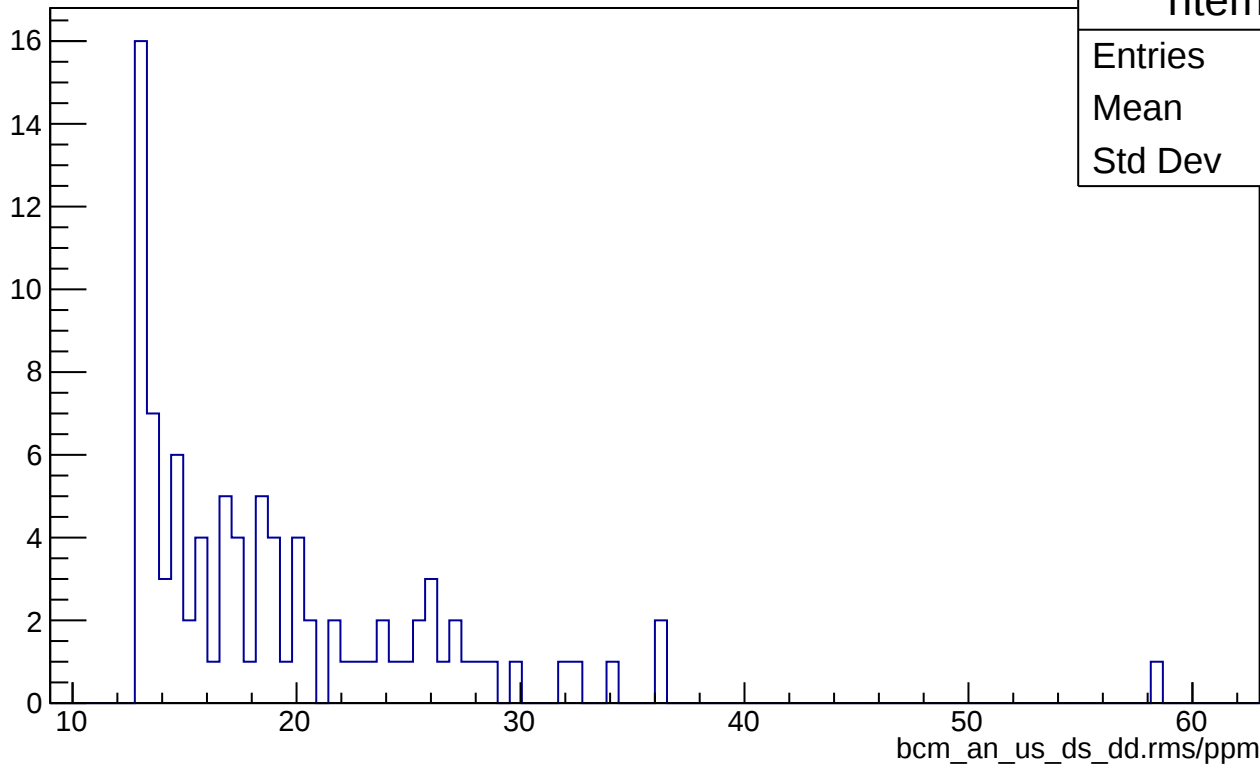
p0

4.924 ± 17.98



Run-Min

bcm_an_us_ds_dd.rms/ppm



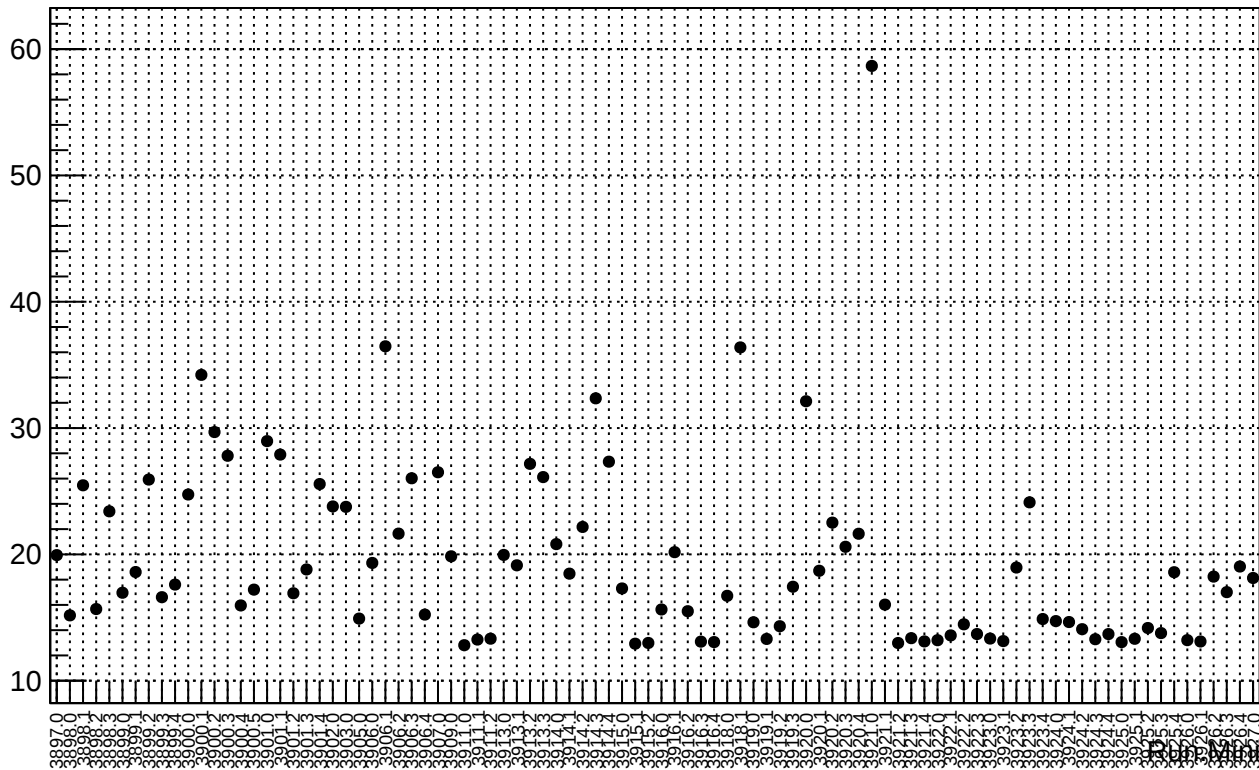
htemp

Entries 92

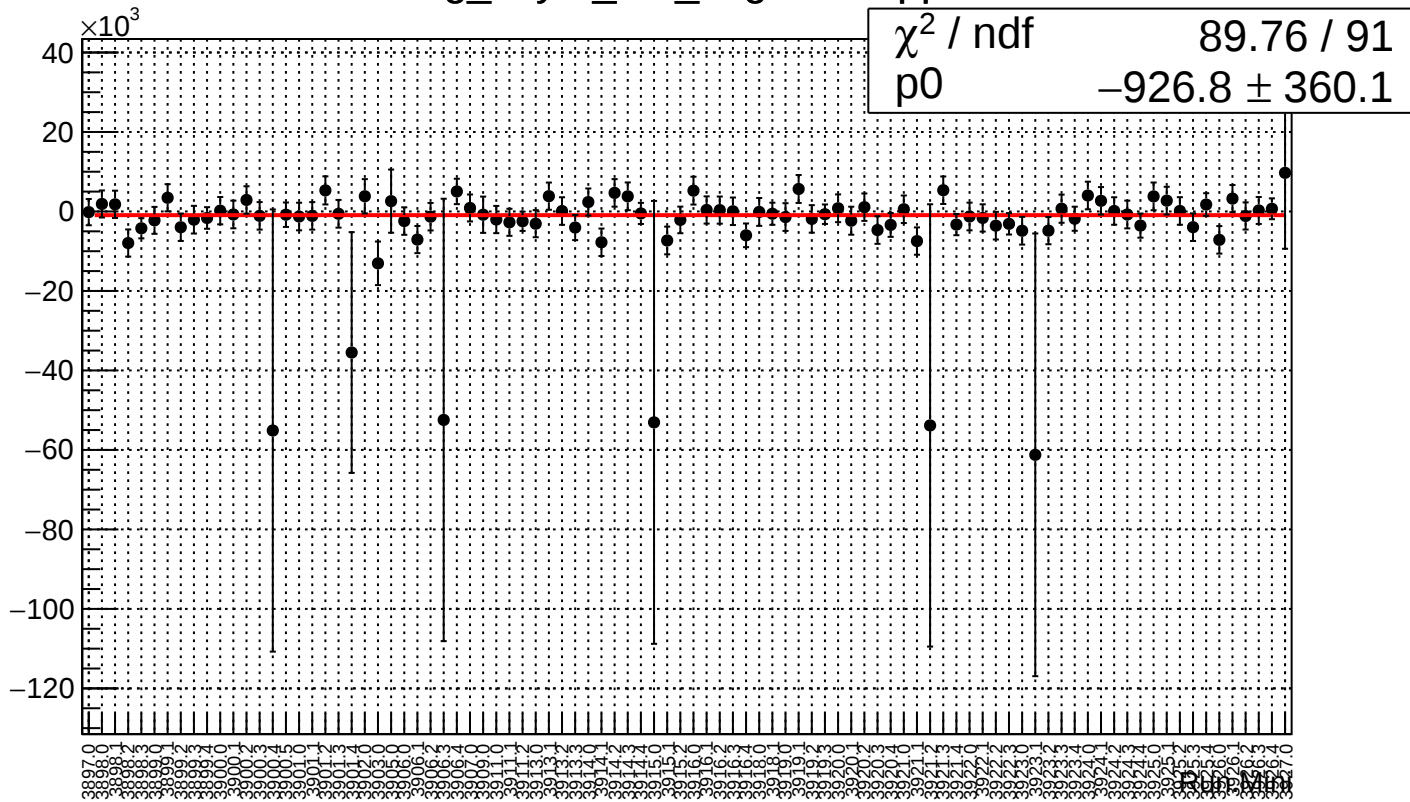
Mean 19.44

Std Dev 7.202

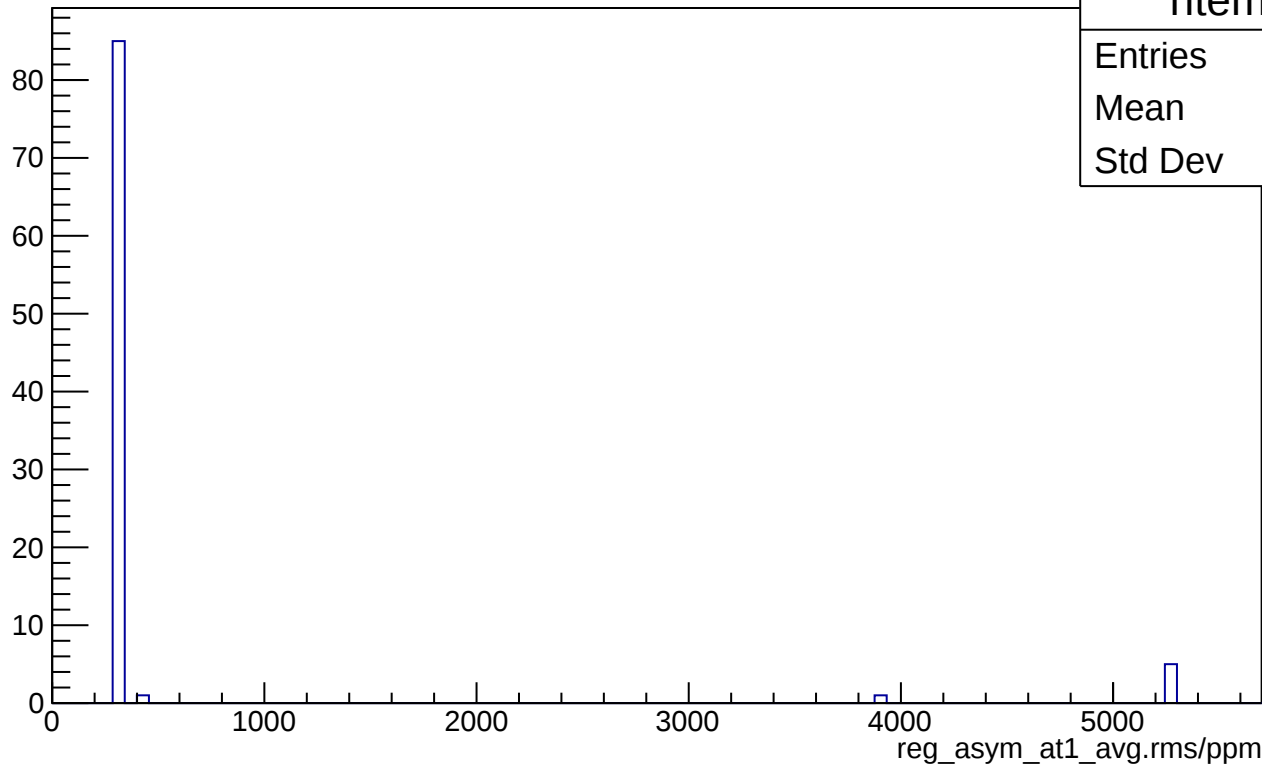
bcm_an_us_ds_dd.rms/ppm



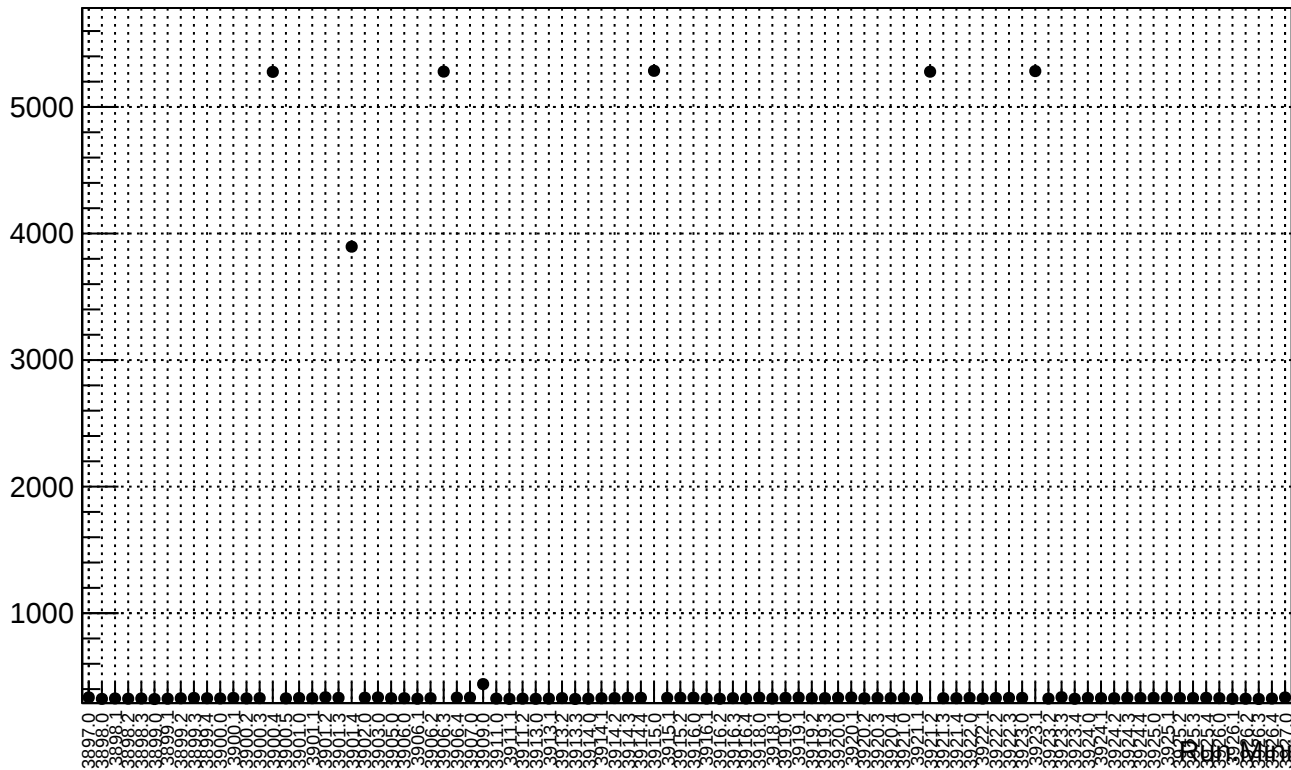
reg_asym_at1_avg.mean/ppb



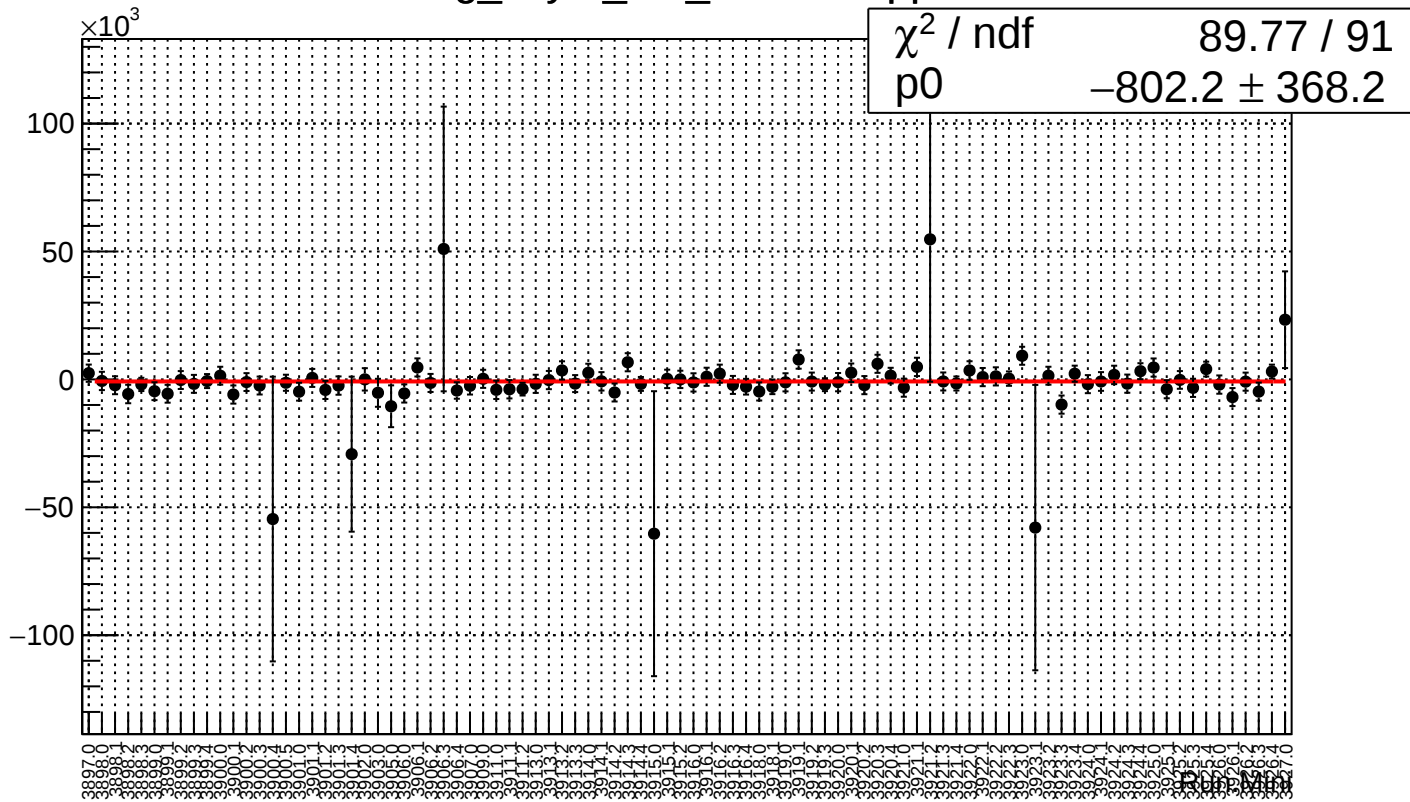
reg_asym_at1_avg.rms/ppm



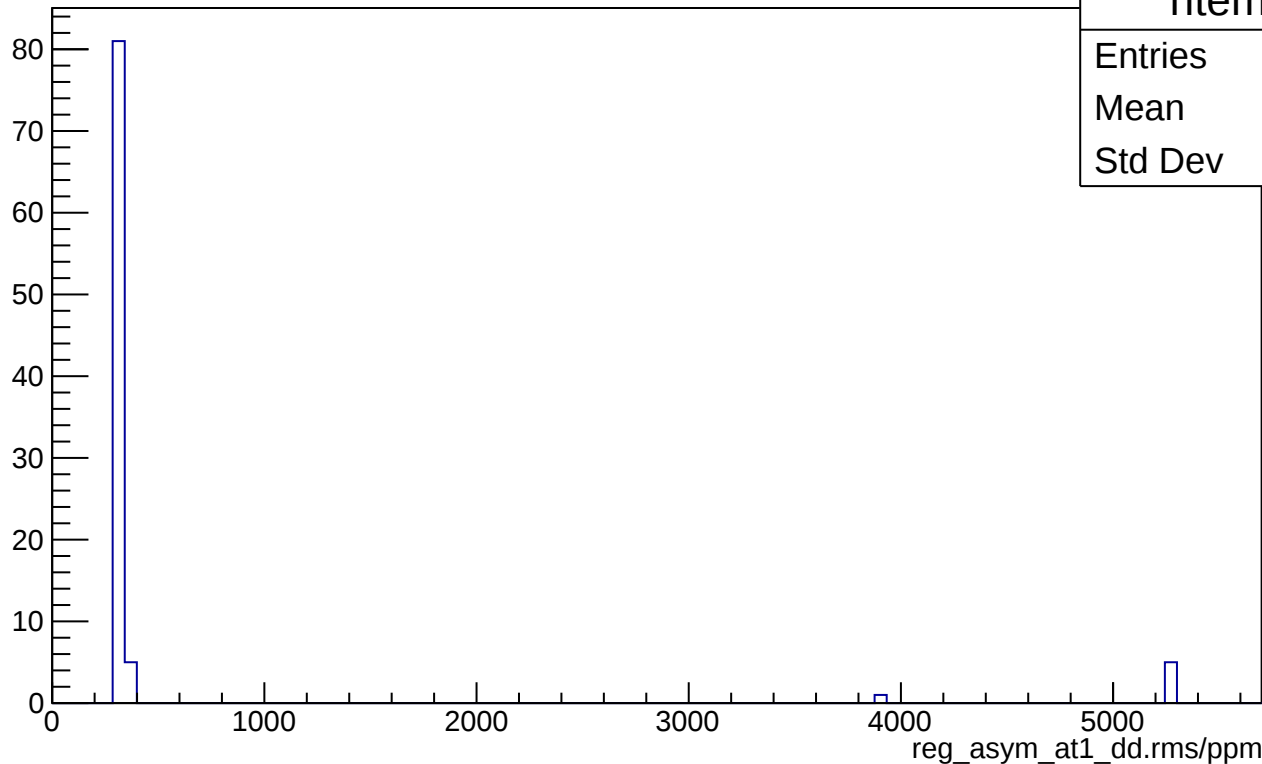
reg_asym_at1_avg.rms/ppm



reg_asym_at1_dd.mean/ppb



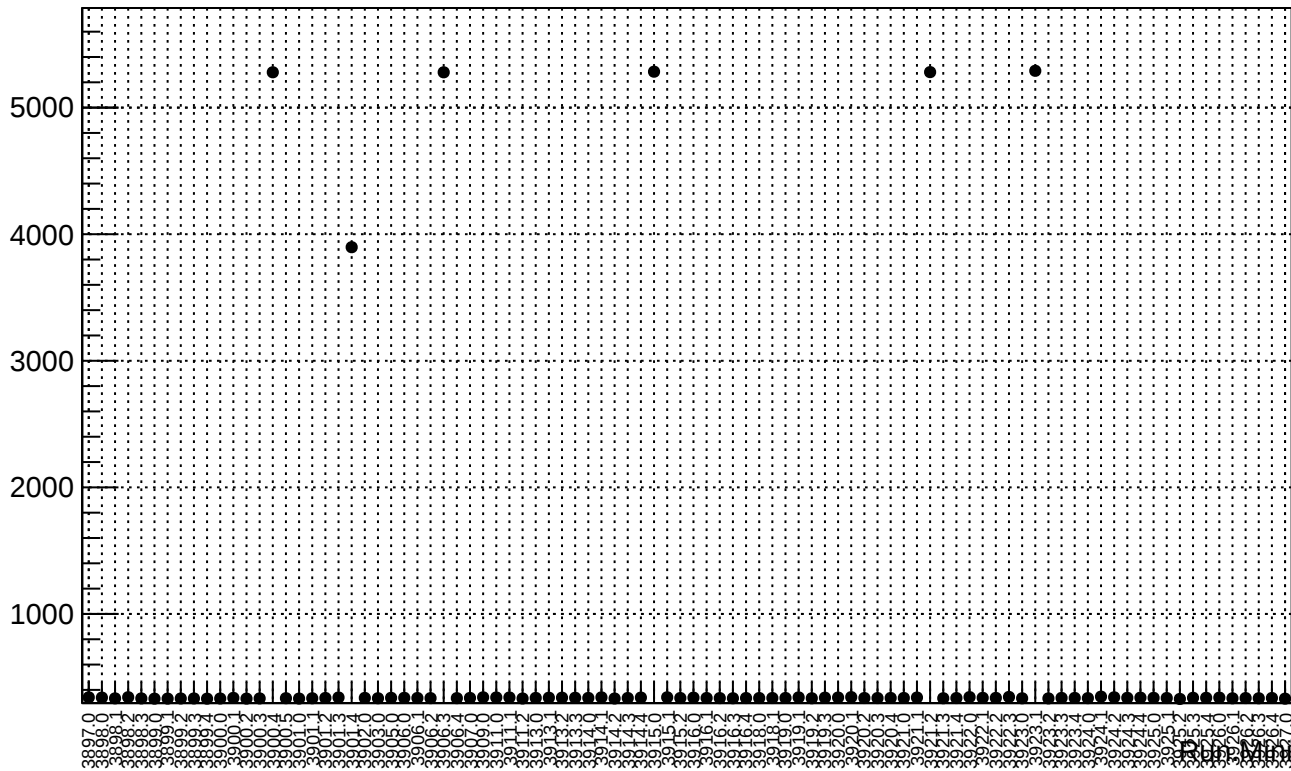
reg_asym_at1_dd.rms/ppm



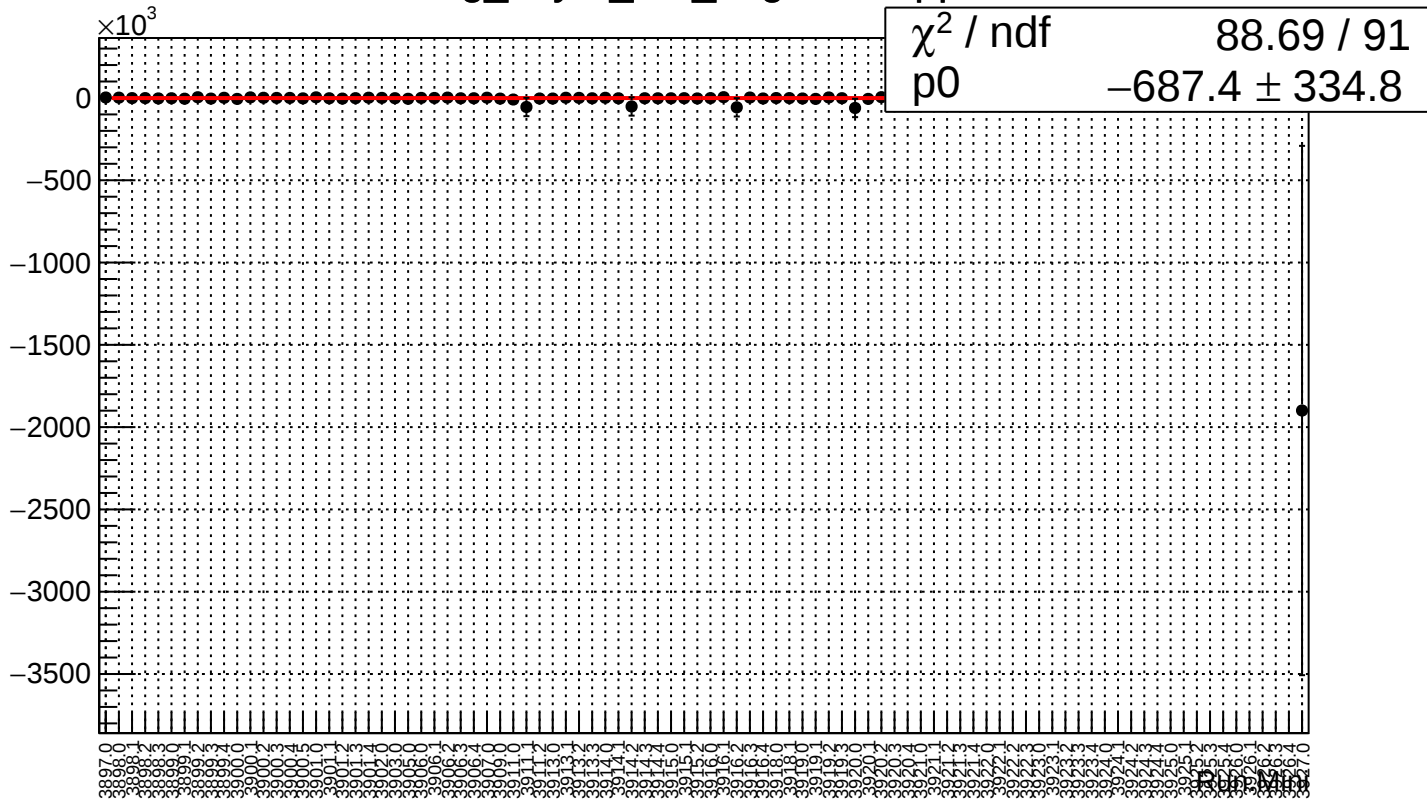
htemp

Entries	92
Mean	643.9
Std Dev	1172

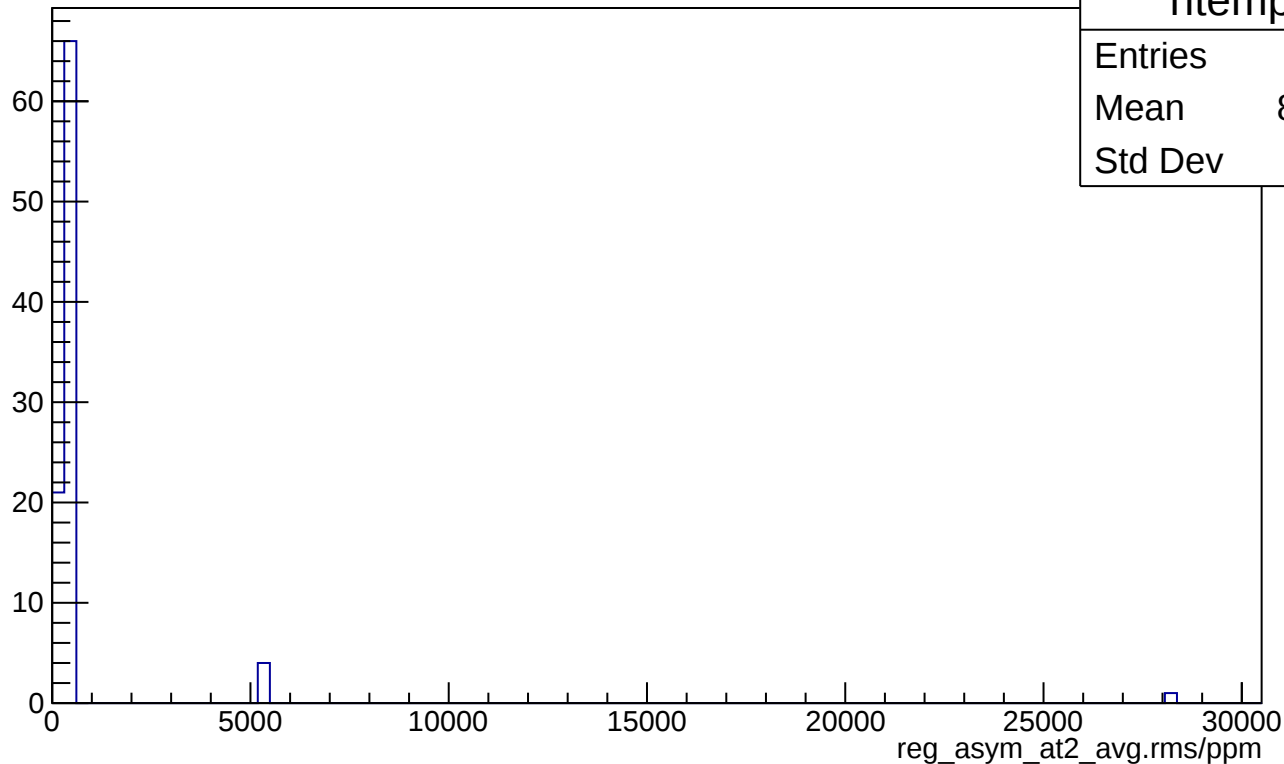
reg_asym_at1_dd.rms/ppm



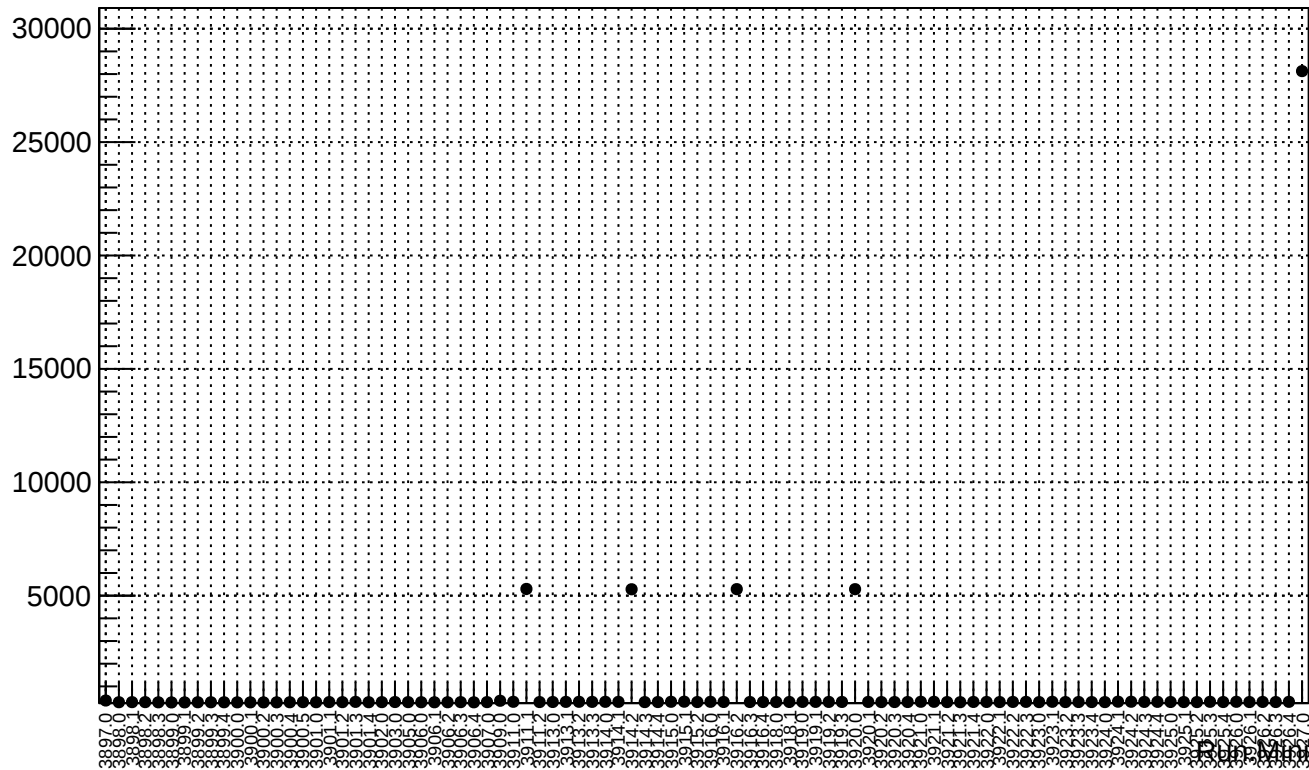
reg_asym_at2_avg.mean/ppb



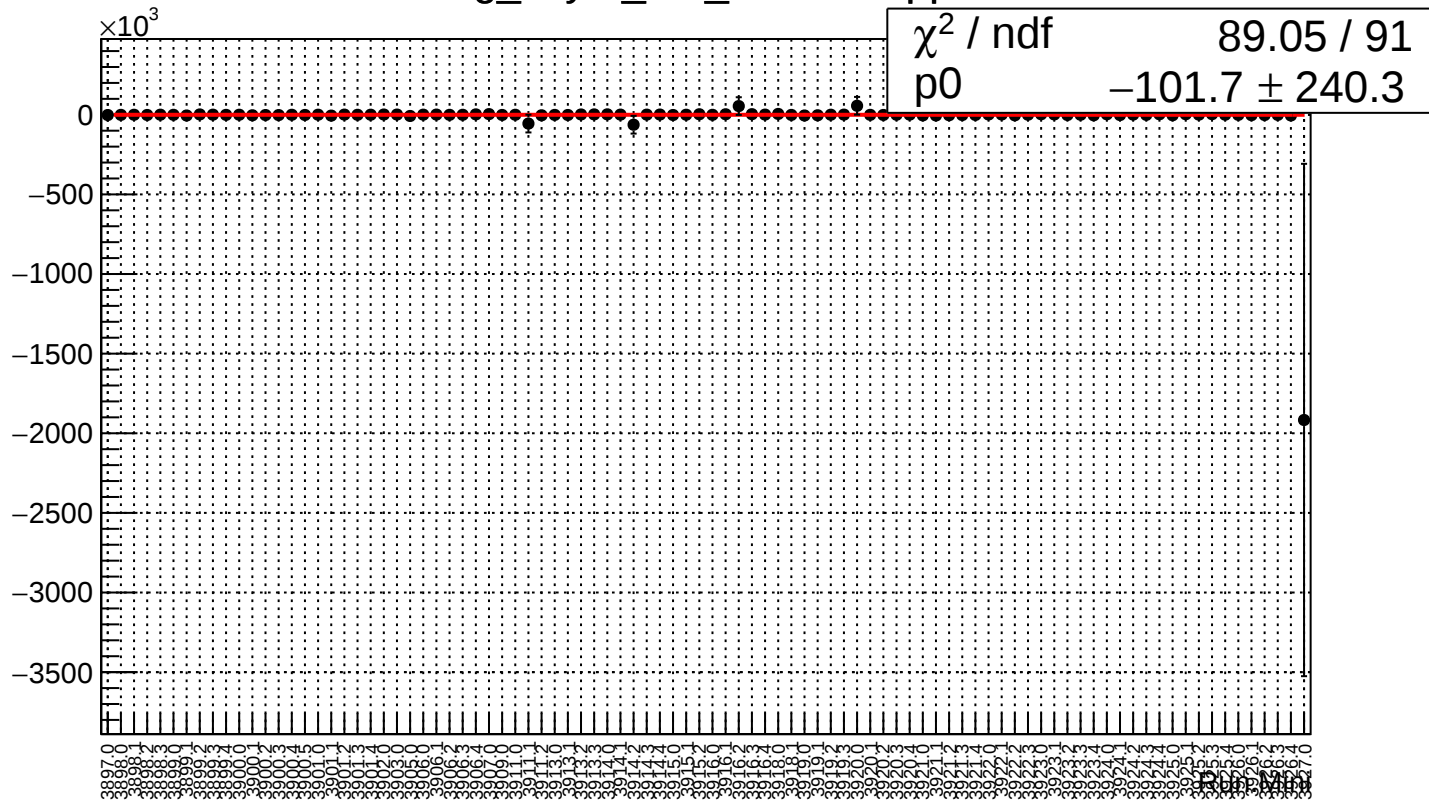
reg_asym_at2_avg.rms/ppm



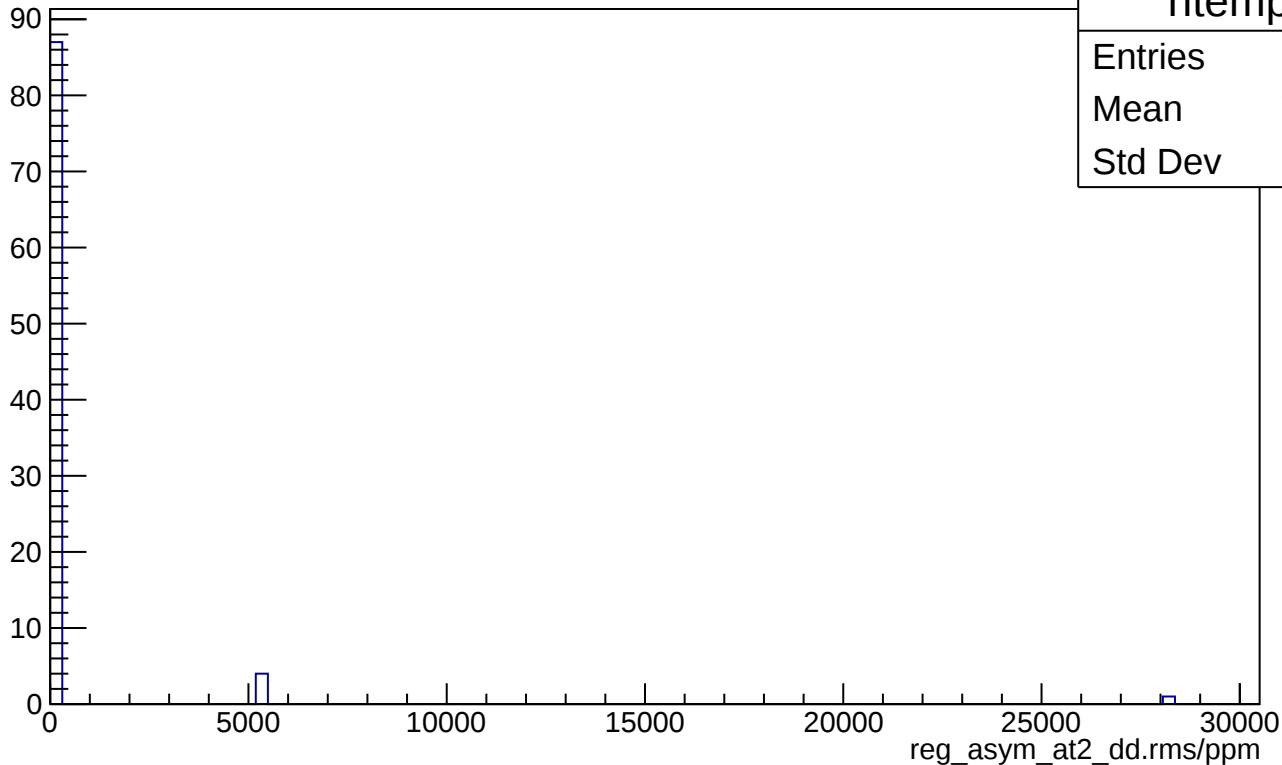
reg_asym_at2_avg.rms/ppm



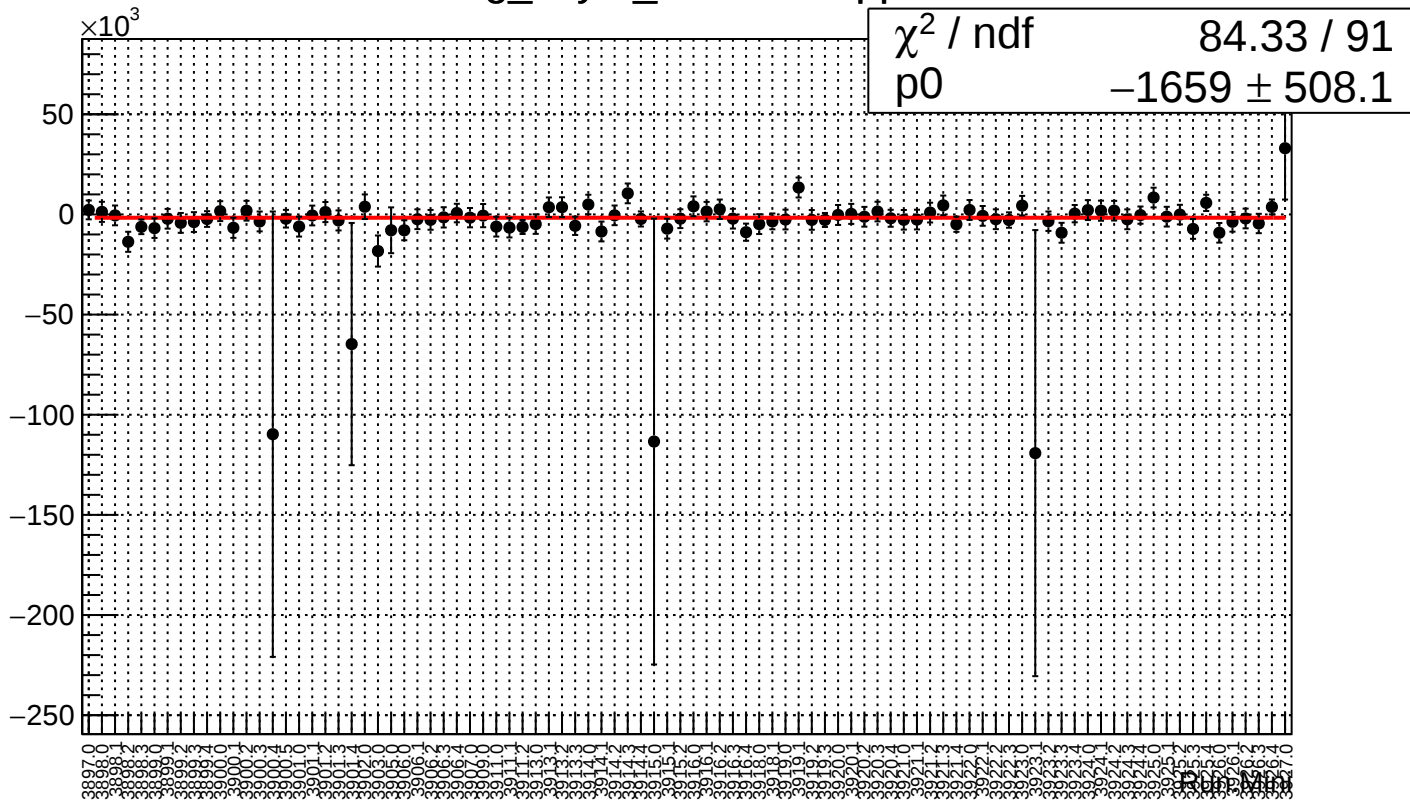
reg_asym_at2_dd.mean/ppb



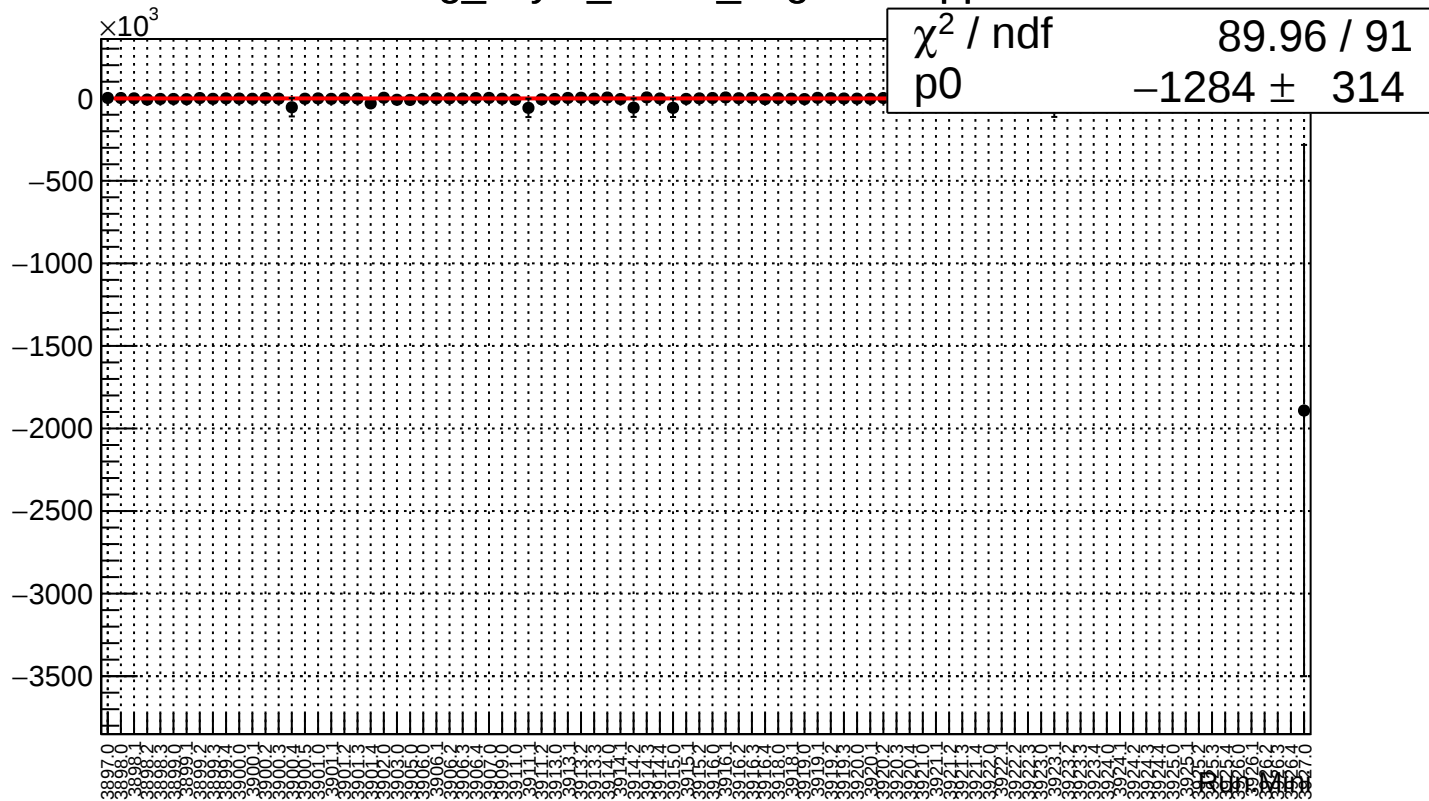
reg_asym_at2_dd.rms/ppm



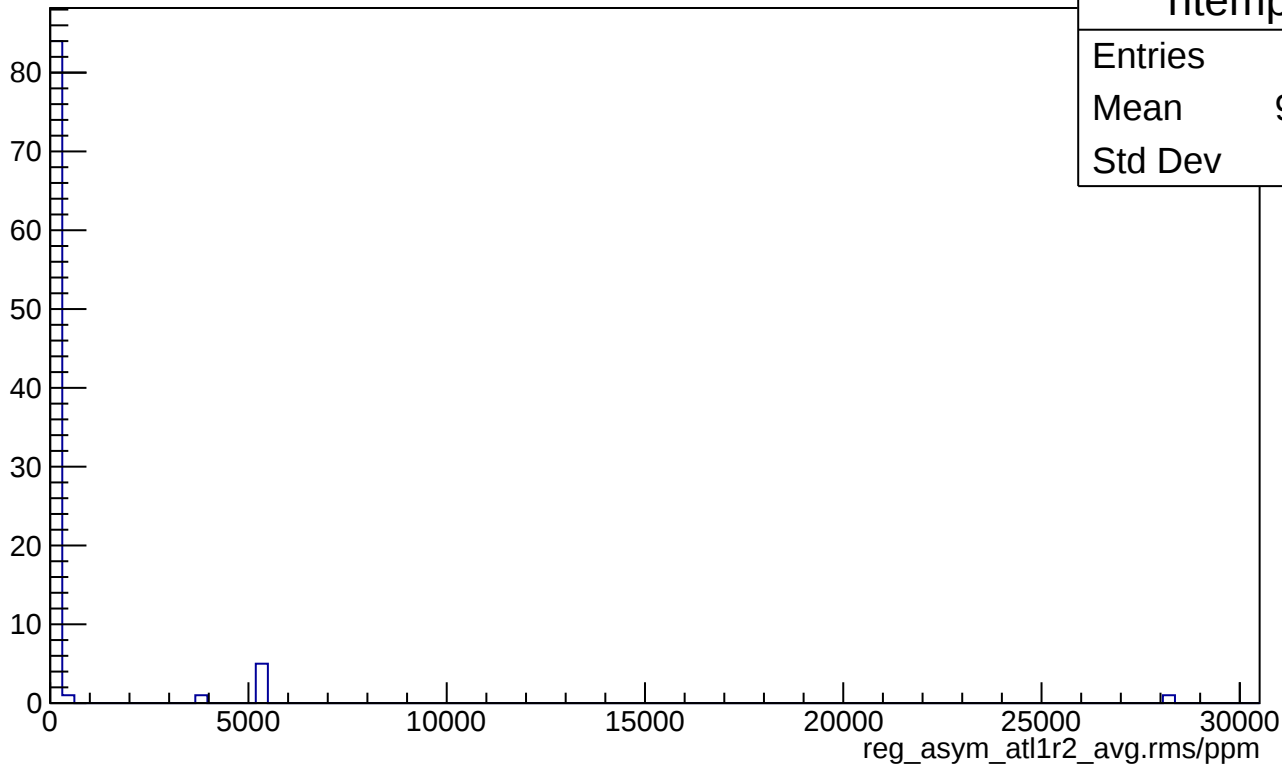
reg_asym_atl1.mean/ppb



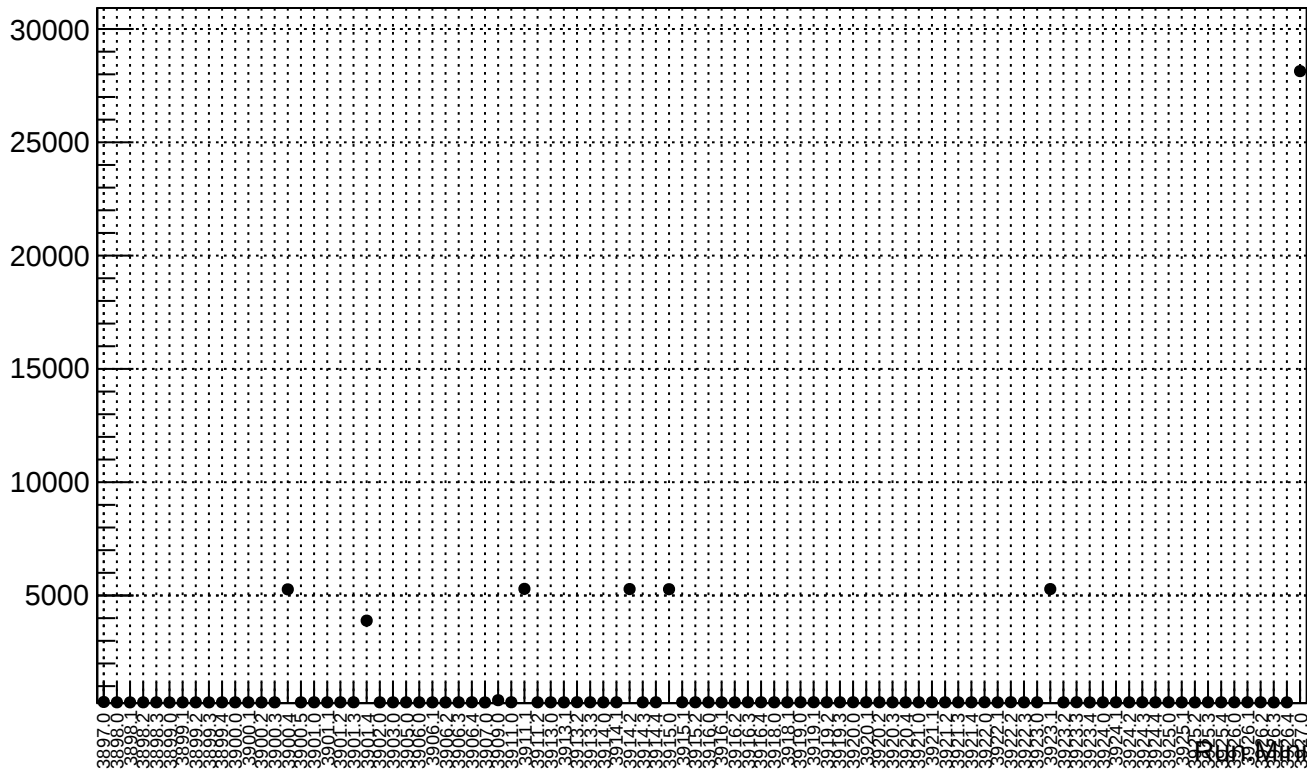
reg_asym_atl1r2_avg.mean/ppb



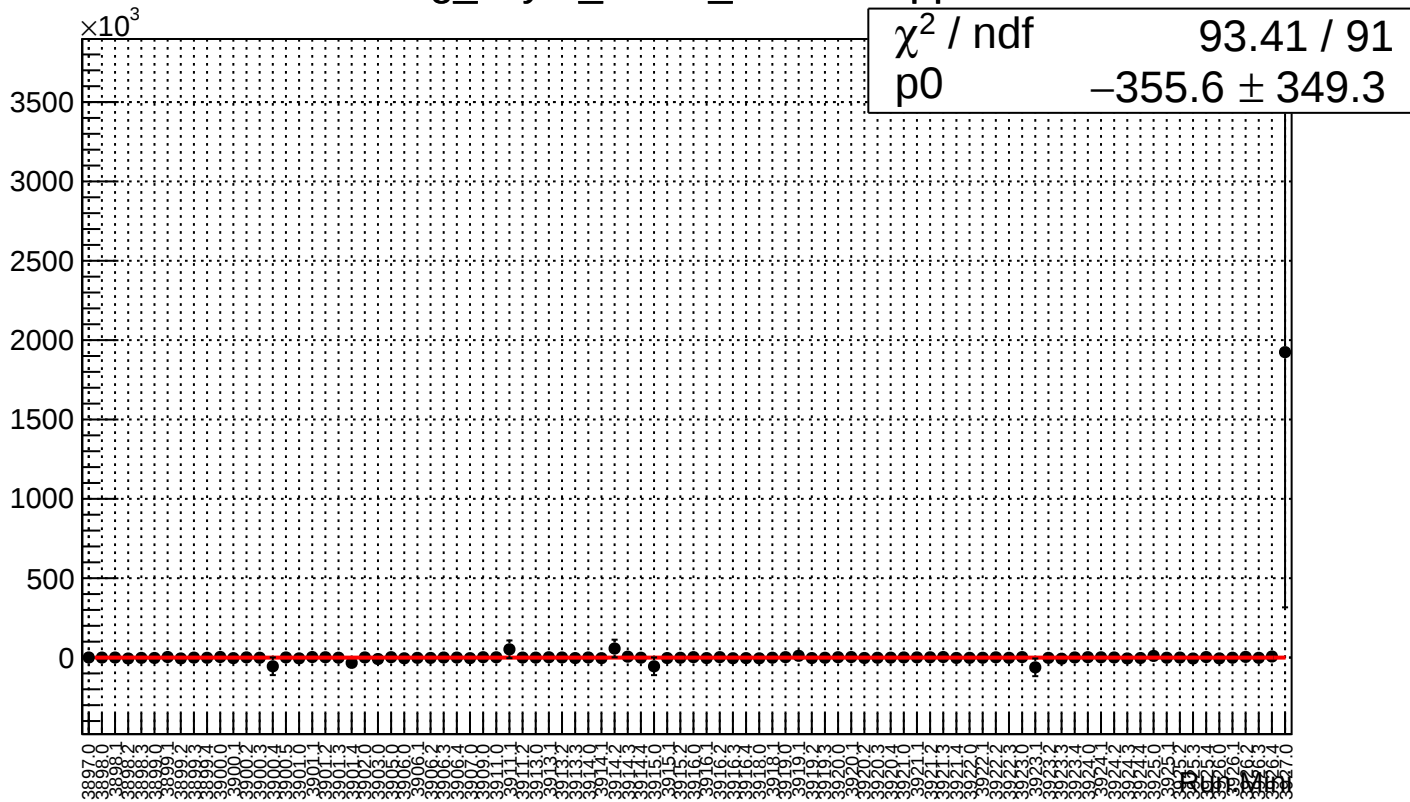
reg_asym_atl1r2_avg.rms/ppm



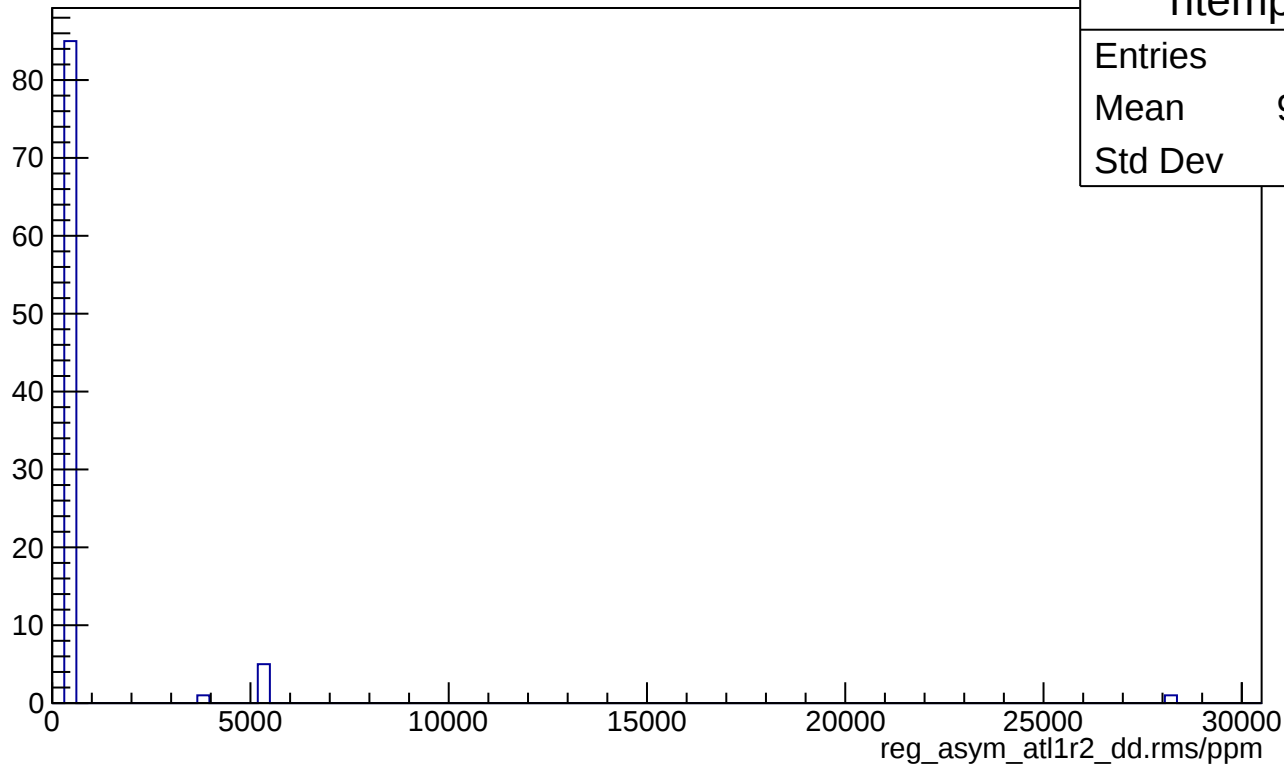
reg_asym_atl1r2_avg.rms/ppm



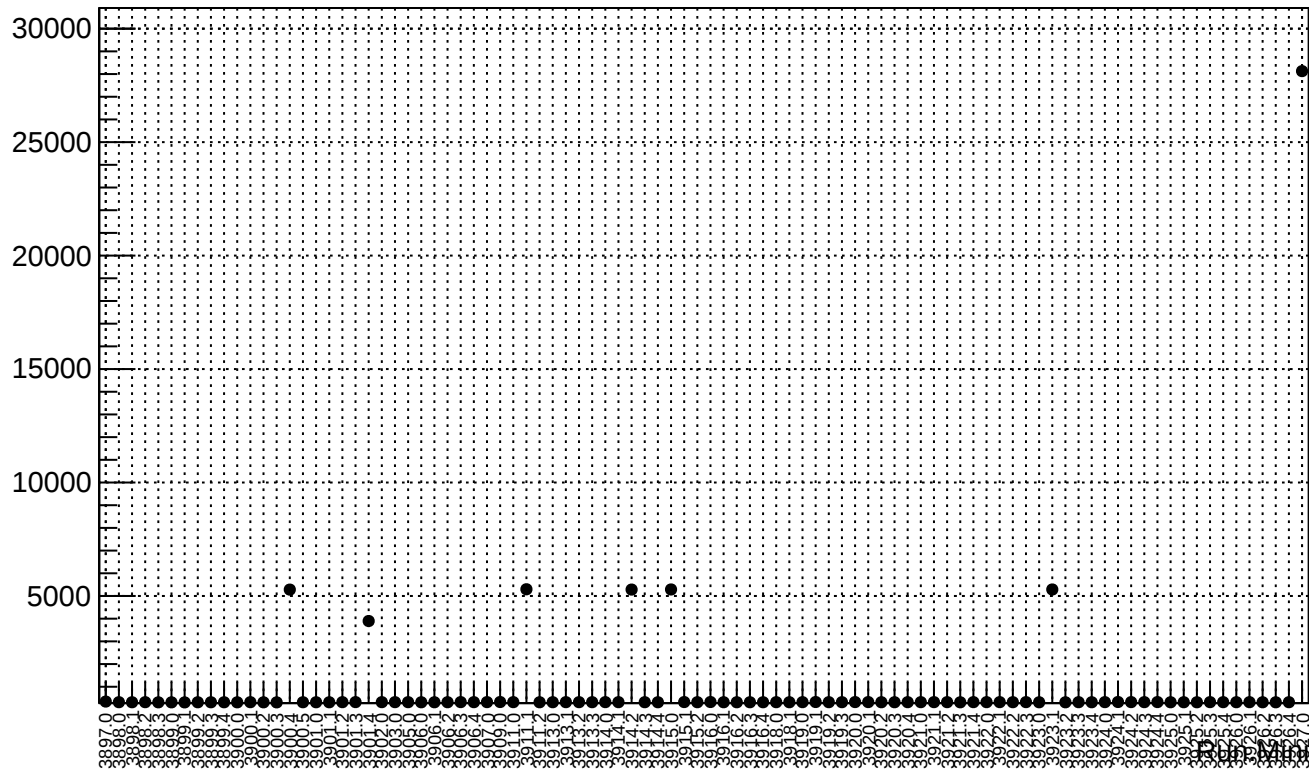
reg_asym_atl1r2_dd.mean/ppb



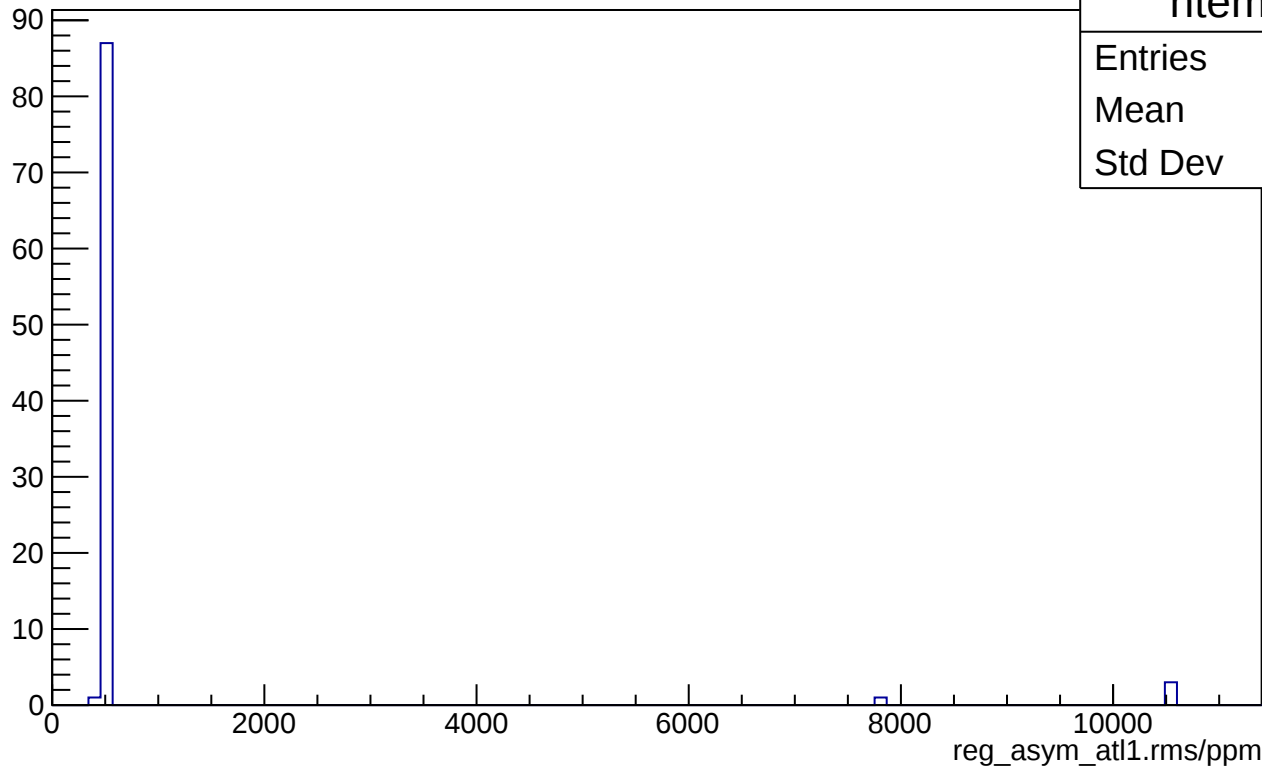
reg_asym_atl1r2_dd.rms/ppm



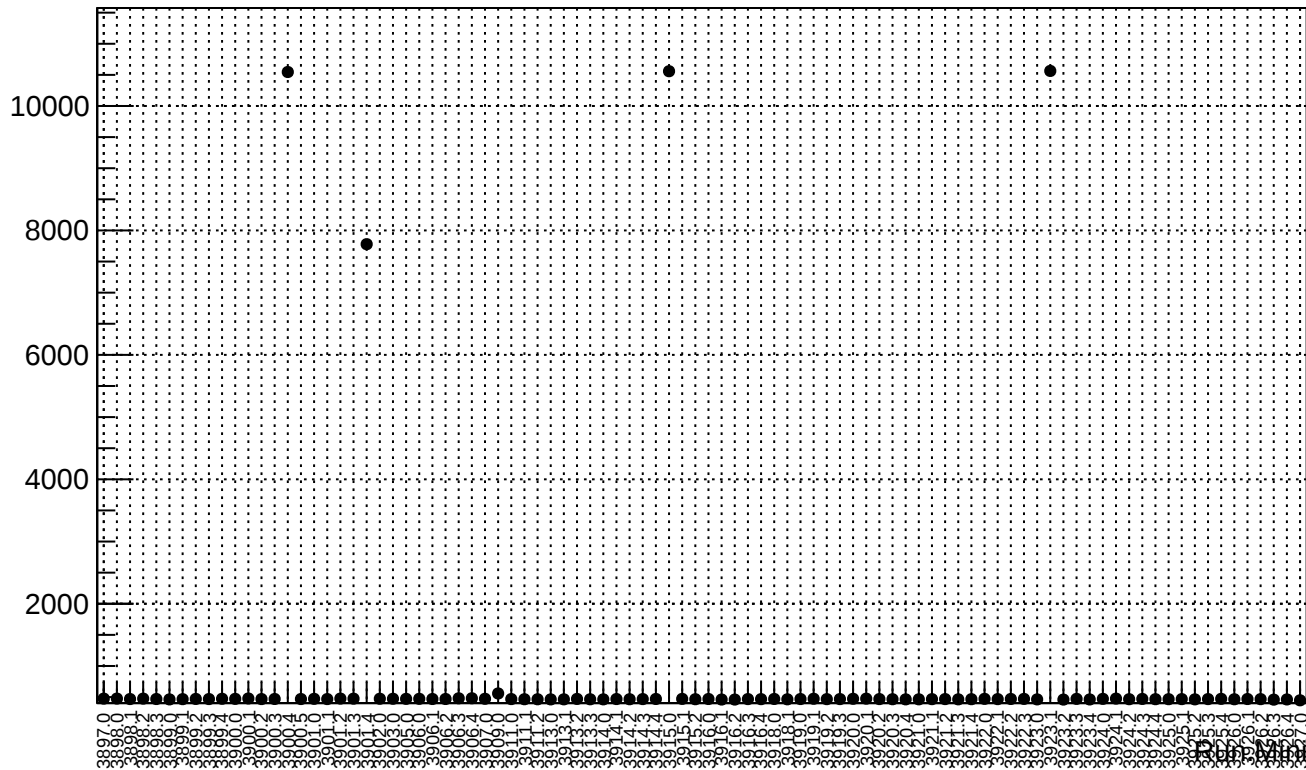
reg_asym_atl1r2_dd.rms/ppm



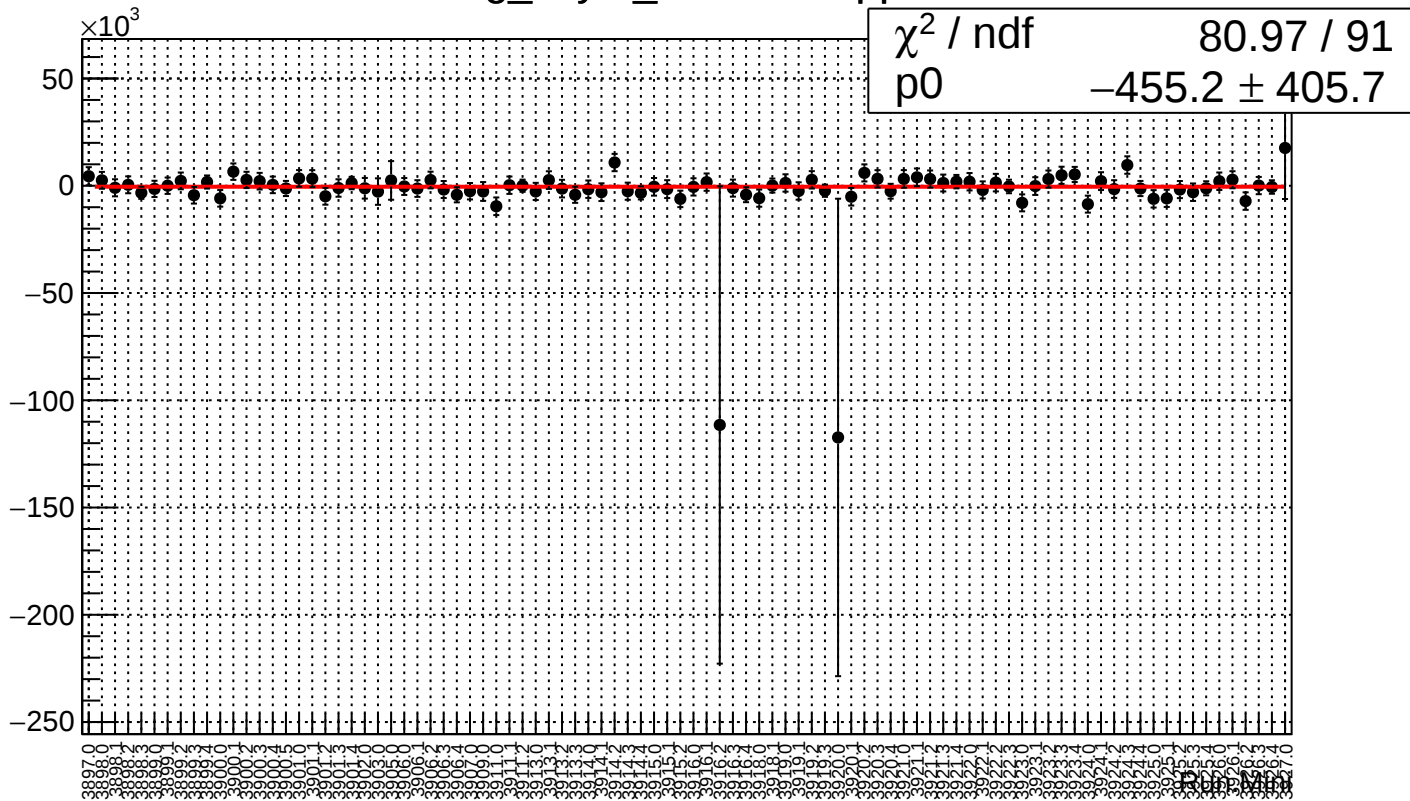
reg_asym_atl1.rms/ppm



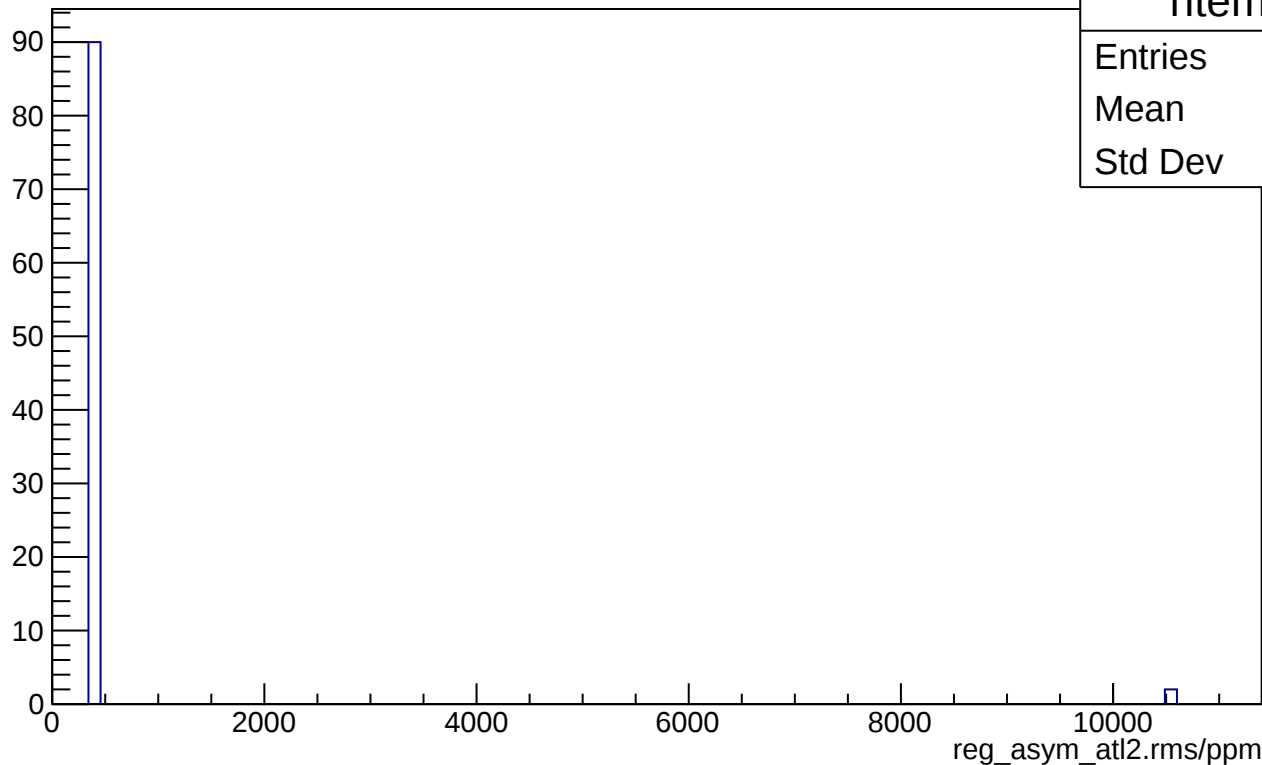
reg_asym_atl1.rms/ppm



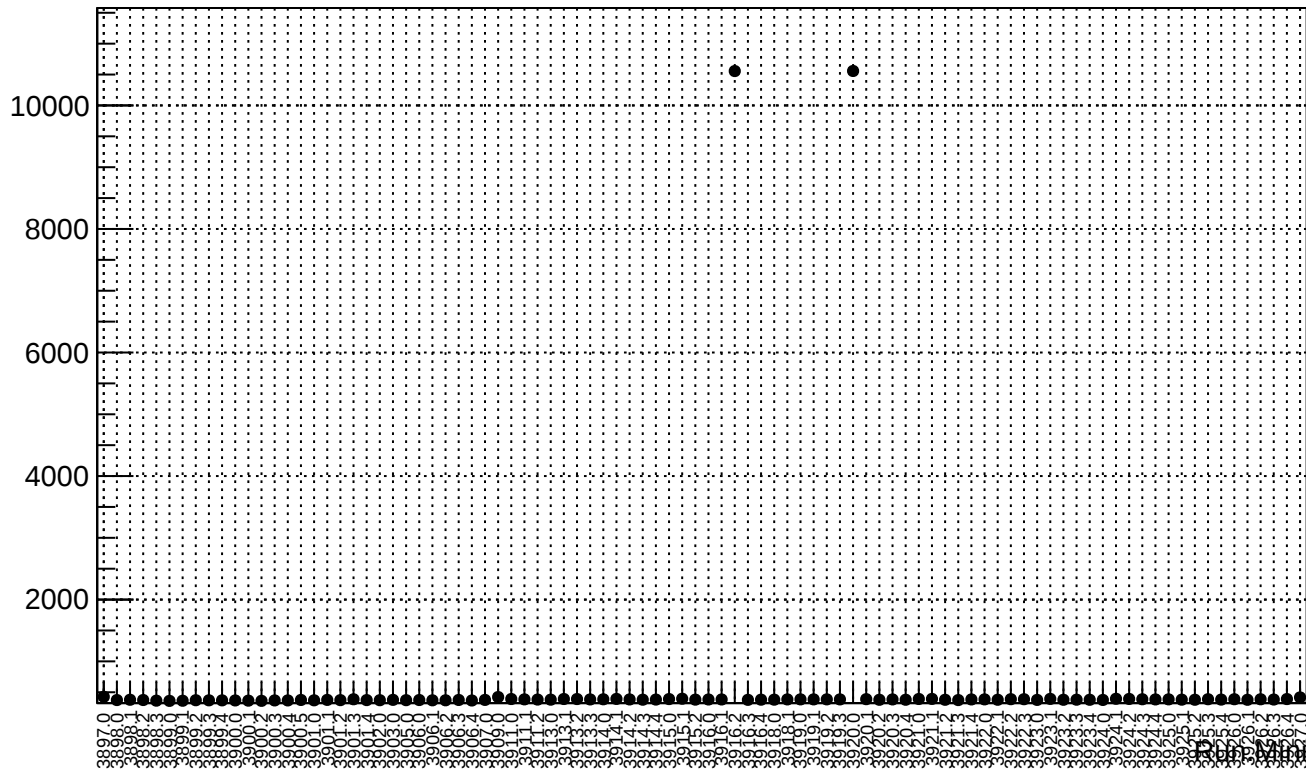
reg_asym_atl2.mean/ppb



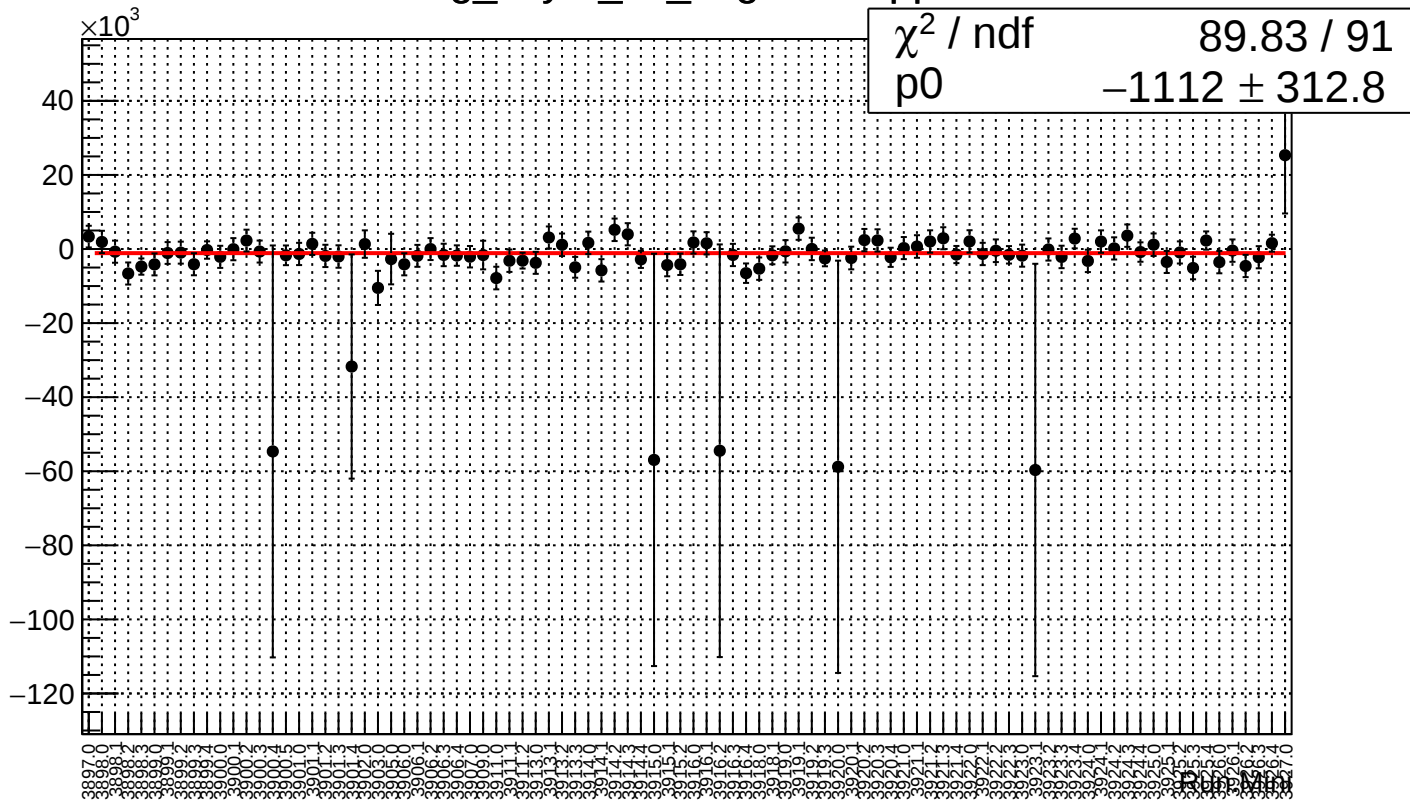
reg_asym_atl2.rms/ppm



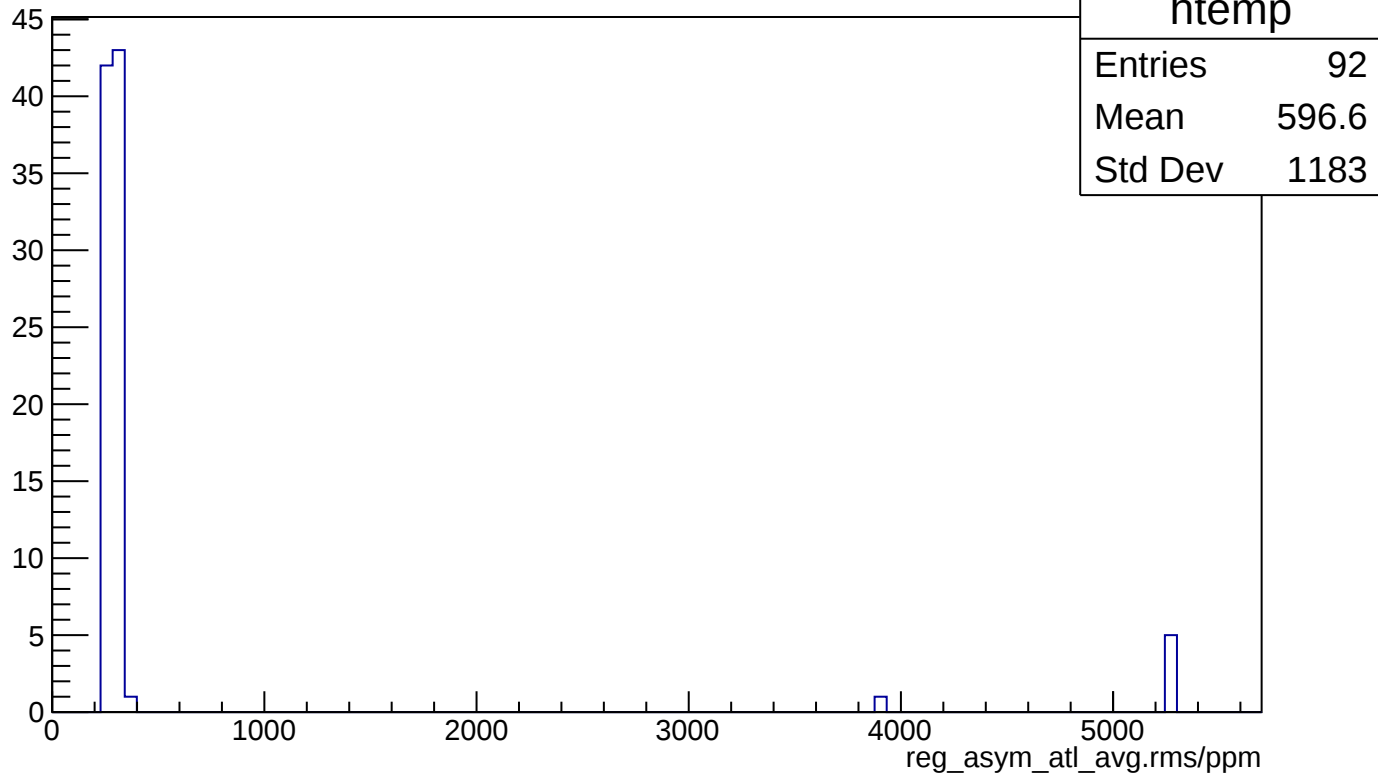
reg_asym_atl2.rms/ppm



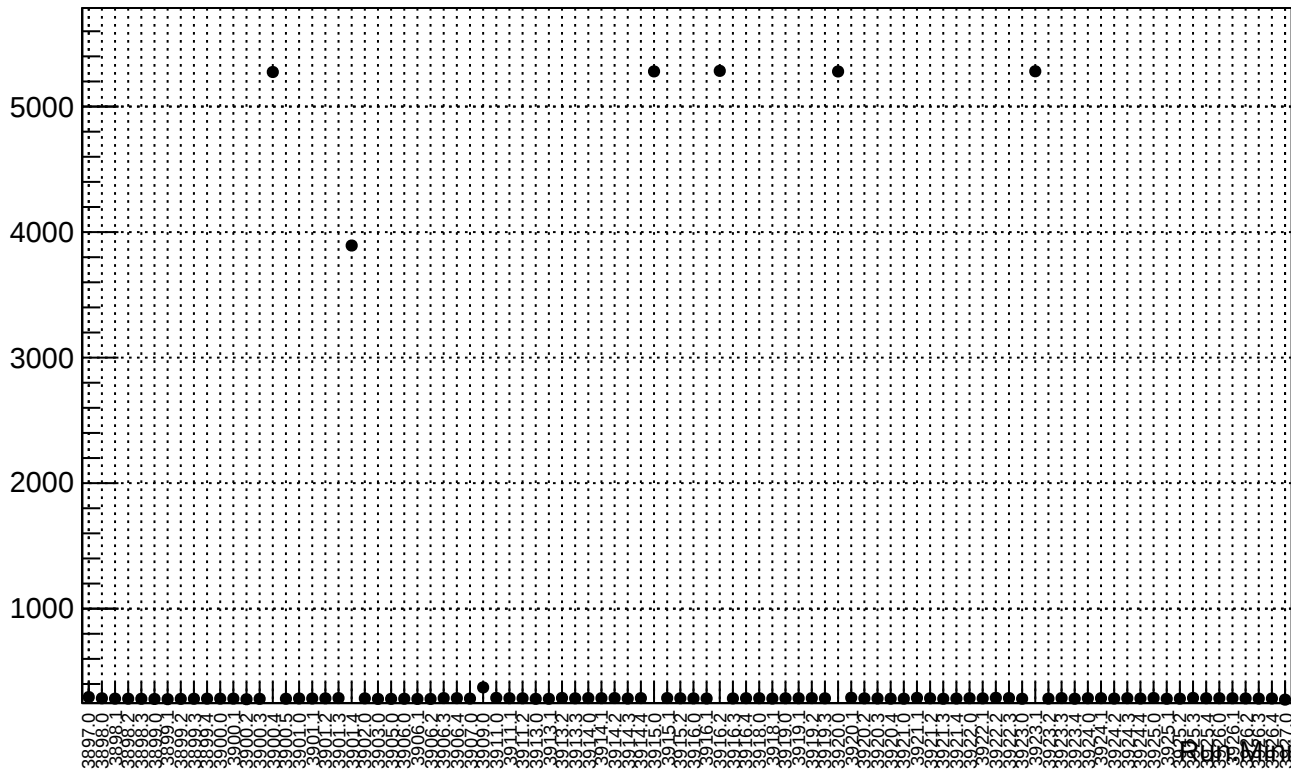
reg_asym_atl_avg.mean/ppb



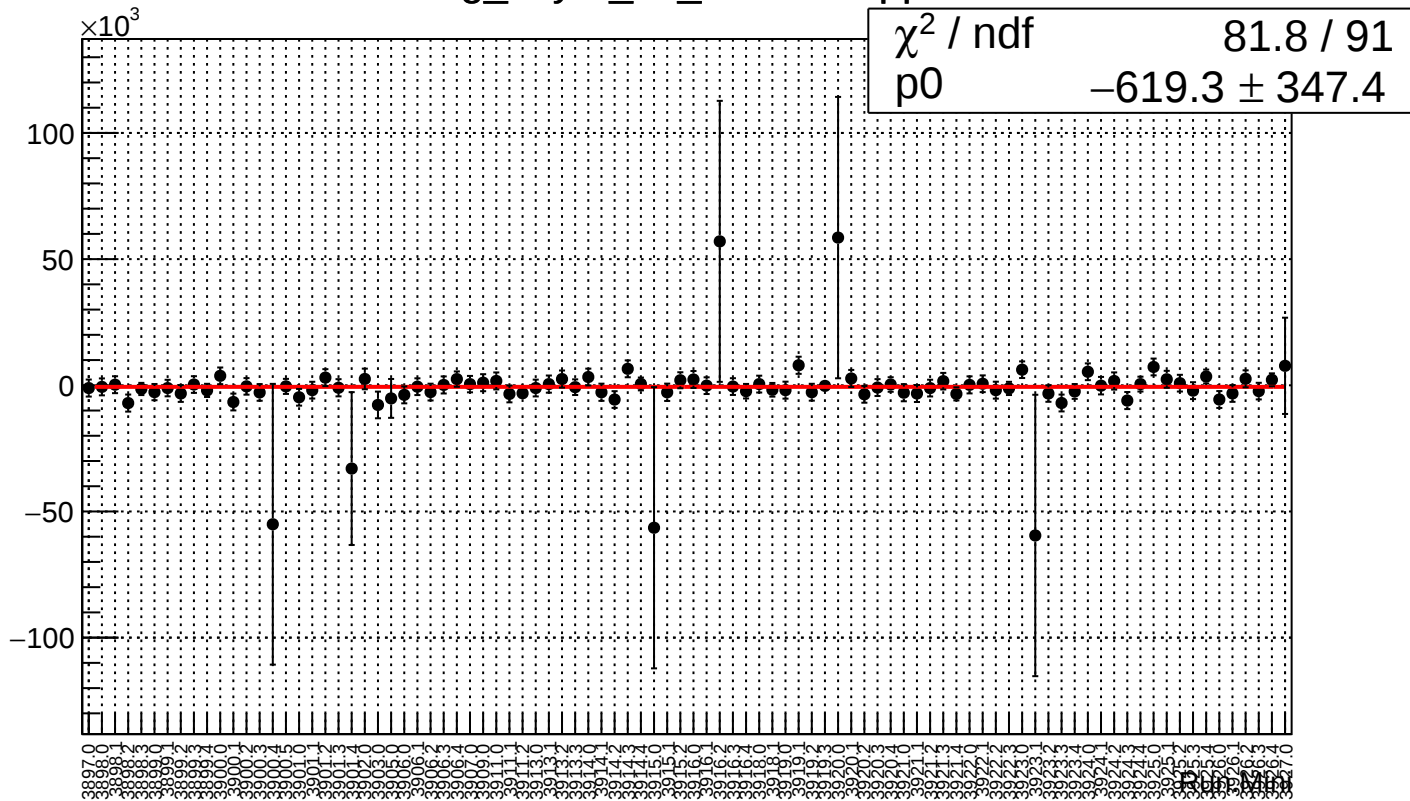
reg_asym_atl_avg.rms/ppm



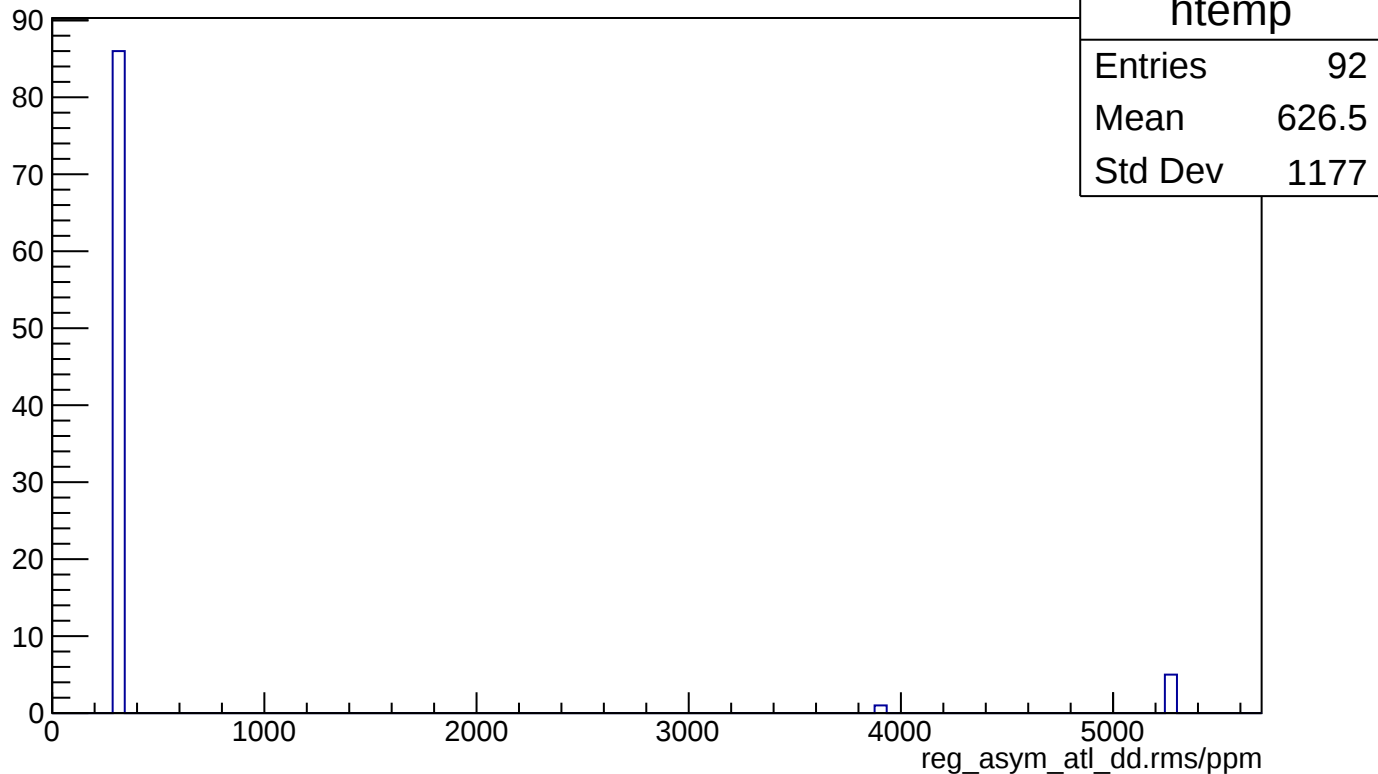
reg_asym_atl_avg.rms/ppm



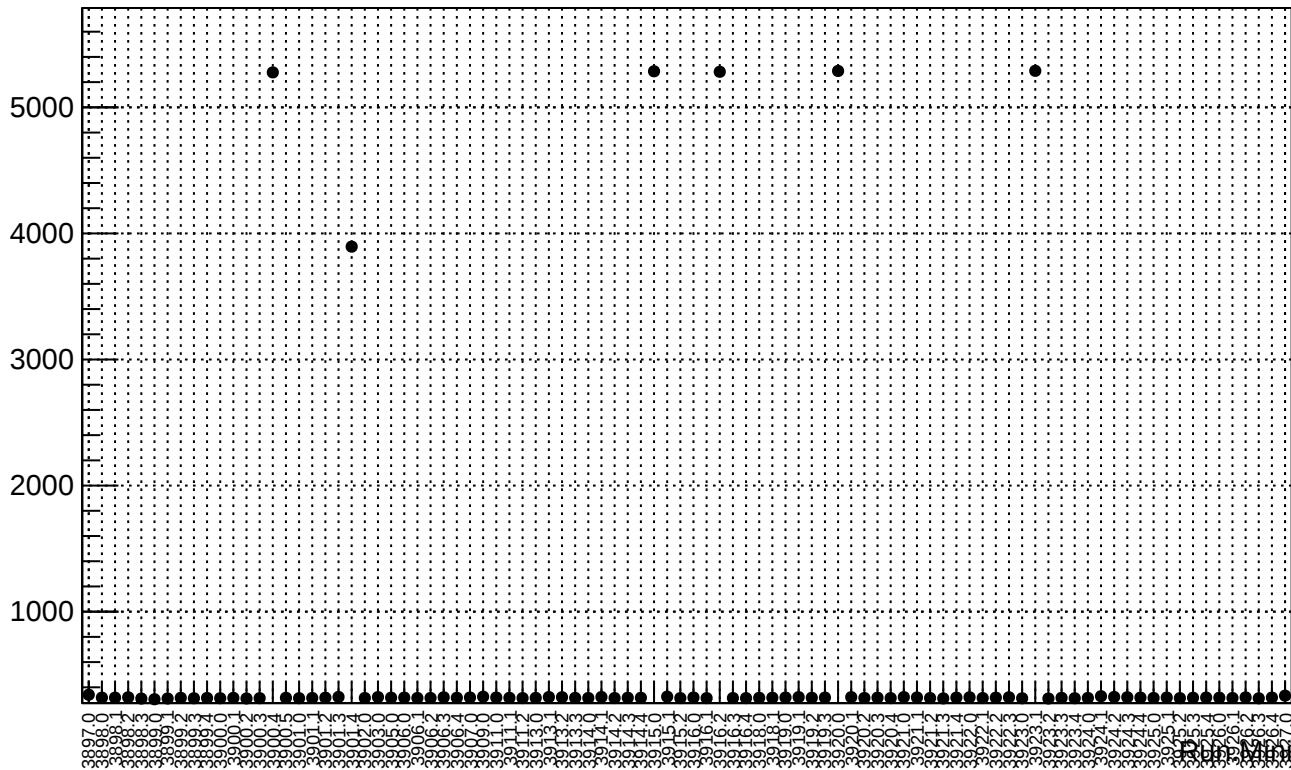
reg_asym_atl_dd.mean/ppb



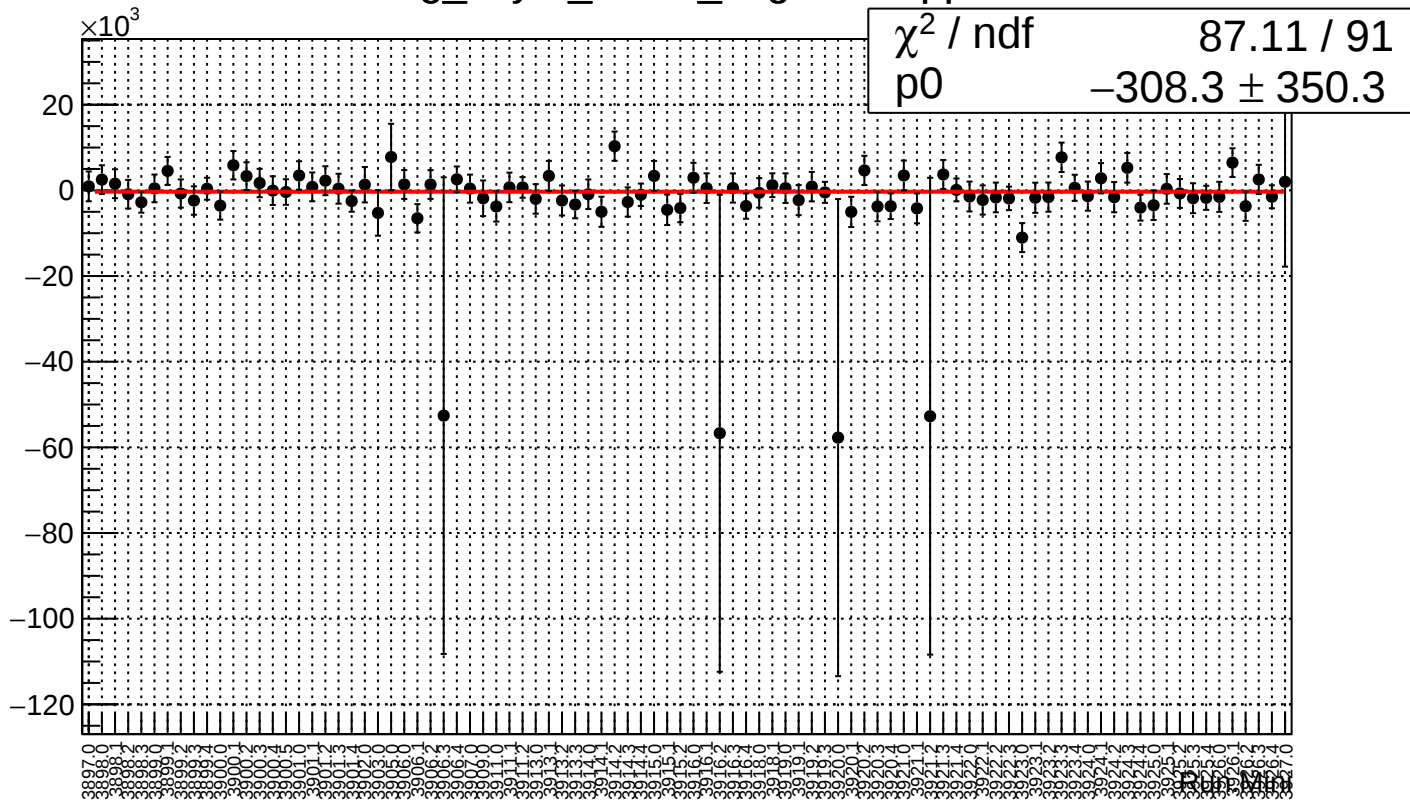
reg_asym_atl_dd.rms/ppm



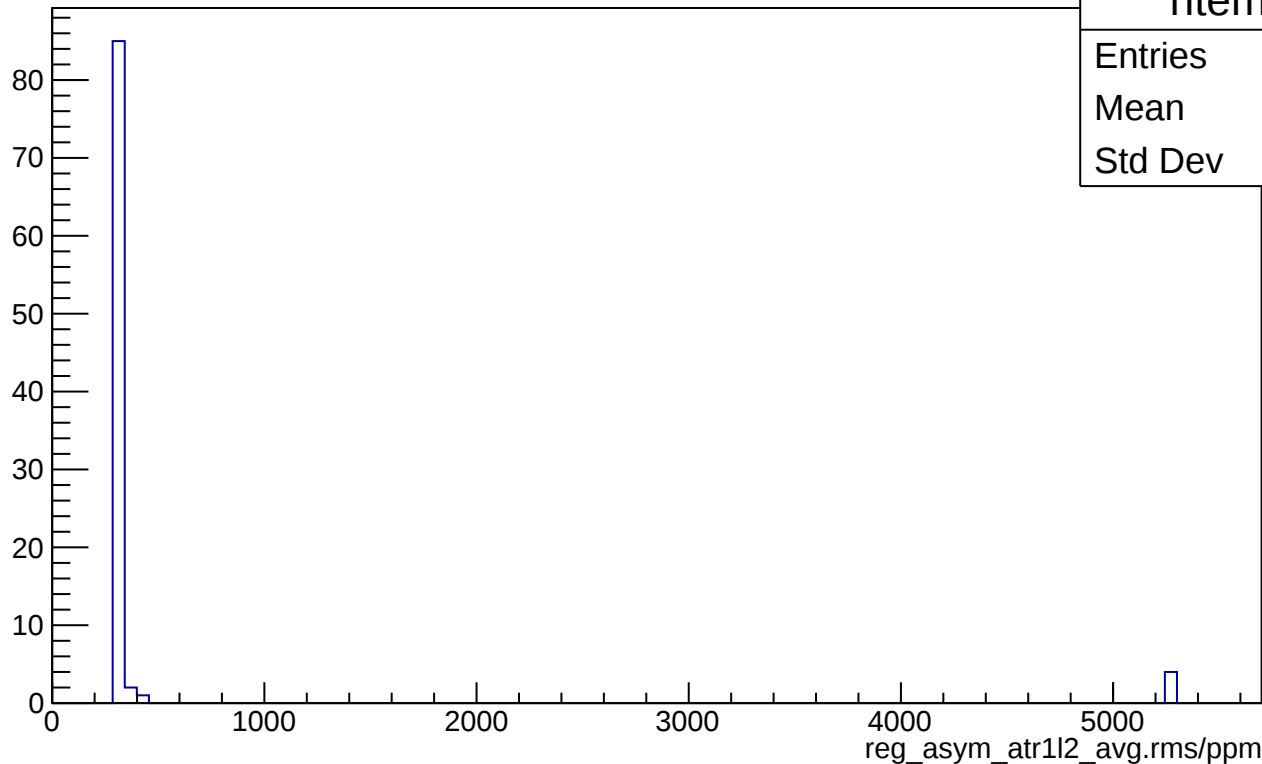
reg_asym_atl_dd.rms/ppm



reg_asym_atr1l2_avg.mean/ppb



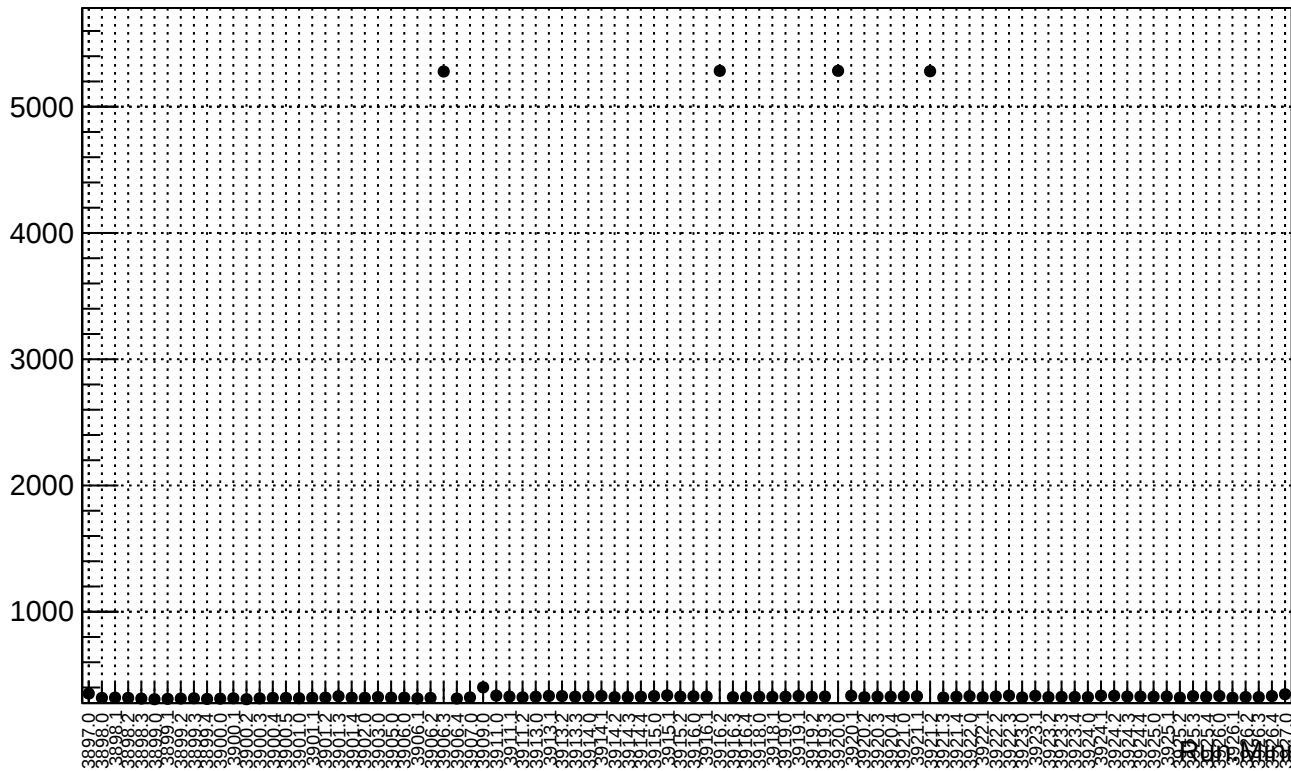
reg_asym_atr1l2_avg.rms/ppm



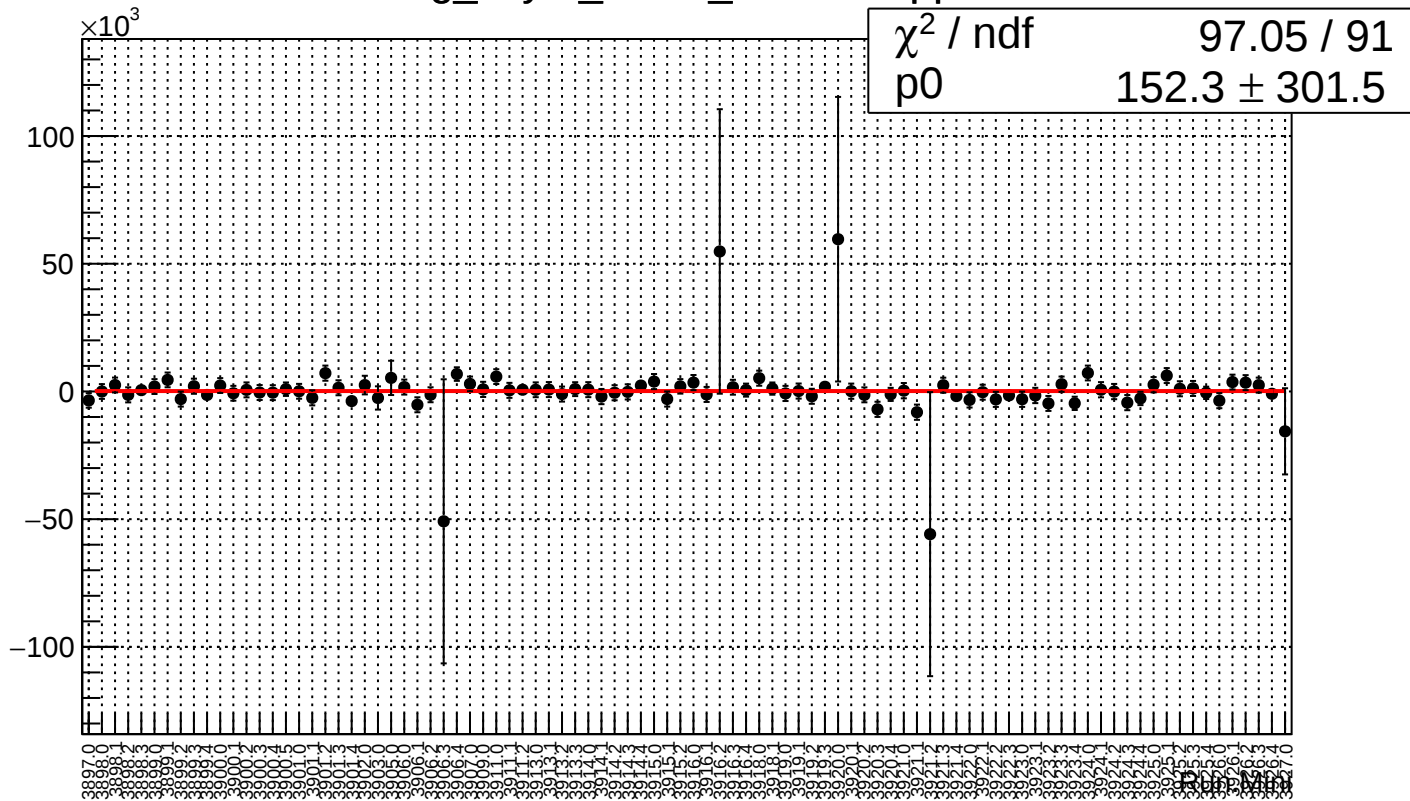
htemp

Entries	92
Mean	541.1
Std Dev	1011

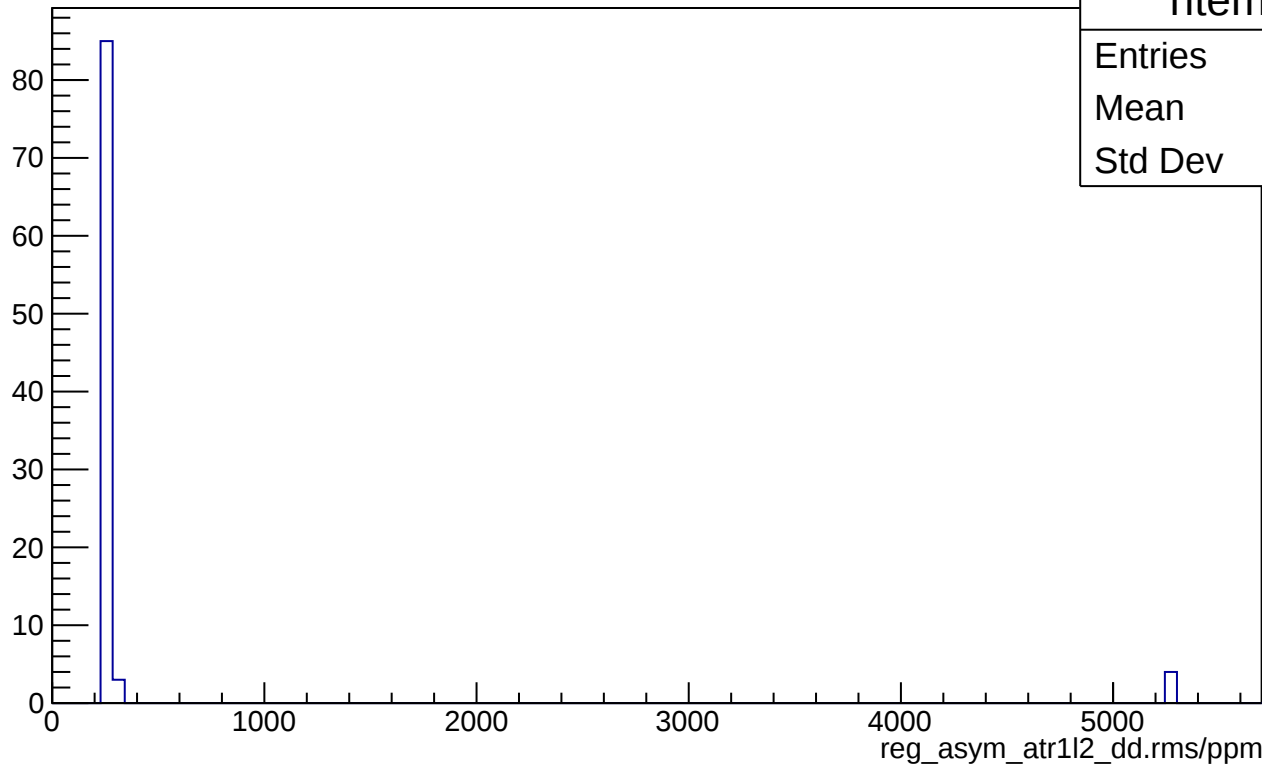
reg_asym_atr1l2_avg.rms/ppm



reg_asym_atr1l2_dd.mean/ppb



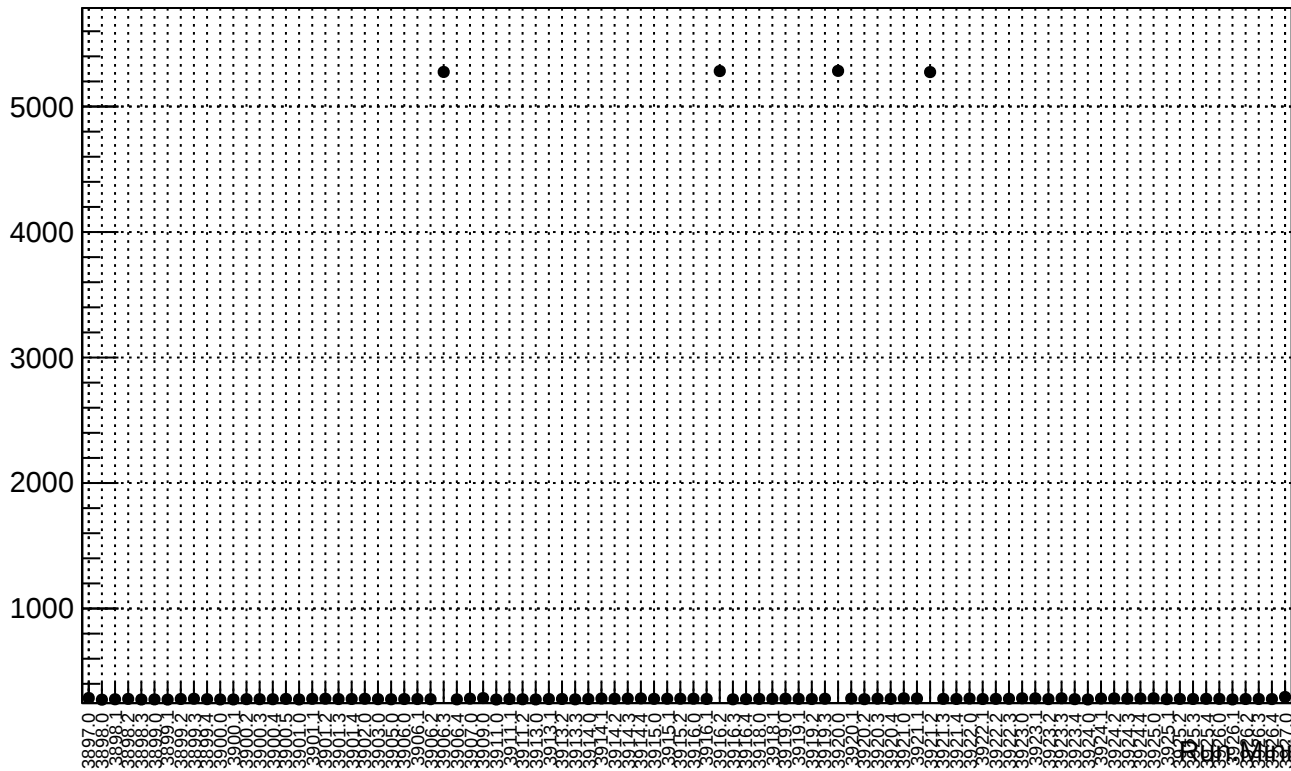
reg_asym_atr1l2_dd.rms/ppm



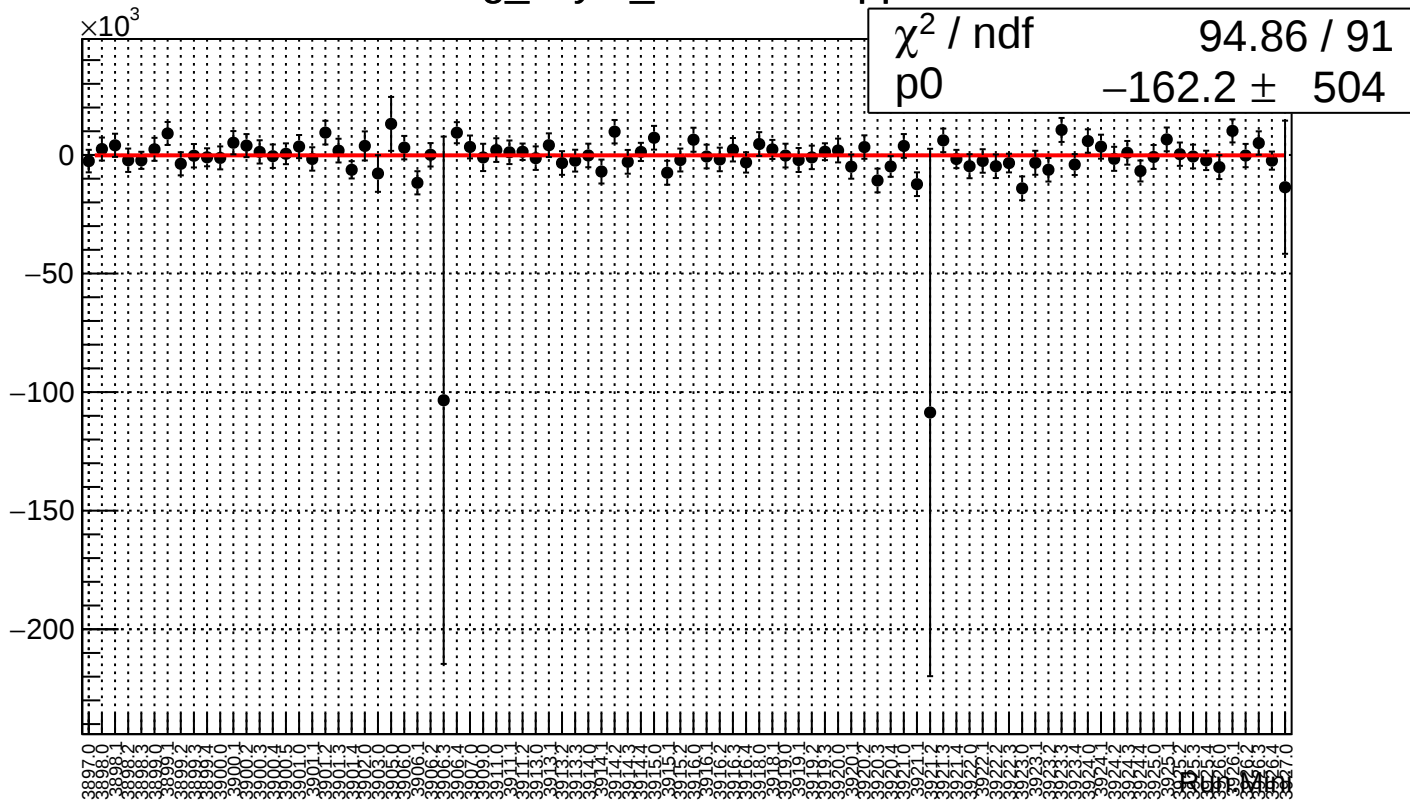
htemp

Entries	92
Mean	497.1
Std Dev	1020

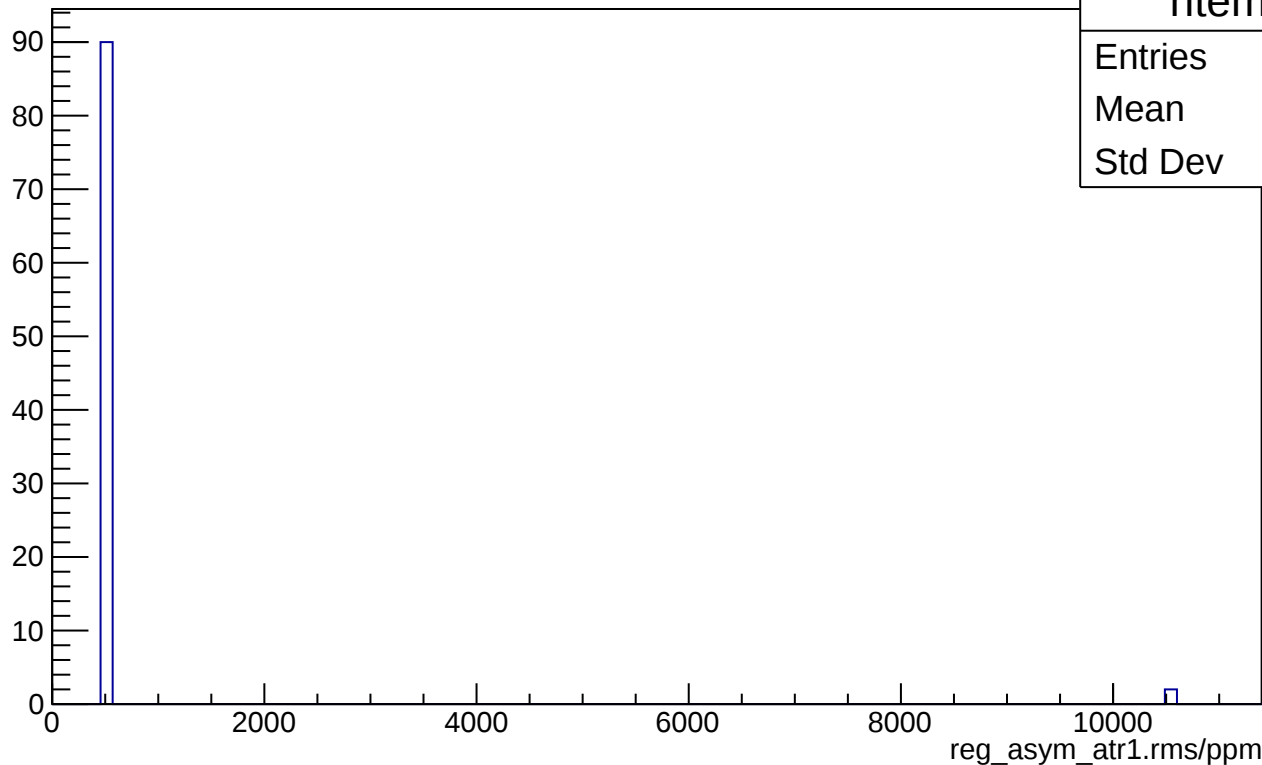
reg_asym_atr1l2_dd.rms/ppm



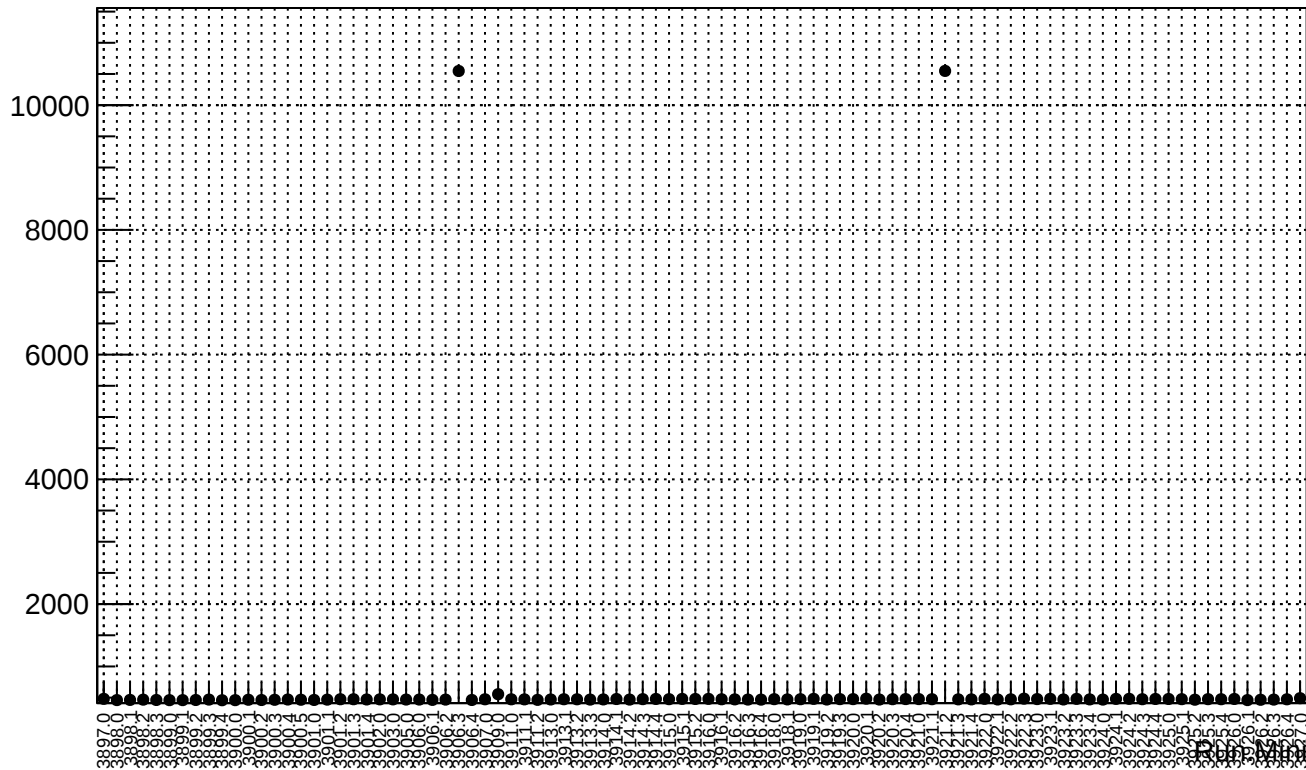
reg_asym_atr1.mean/ppb



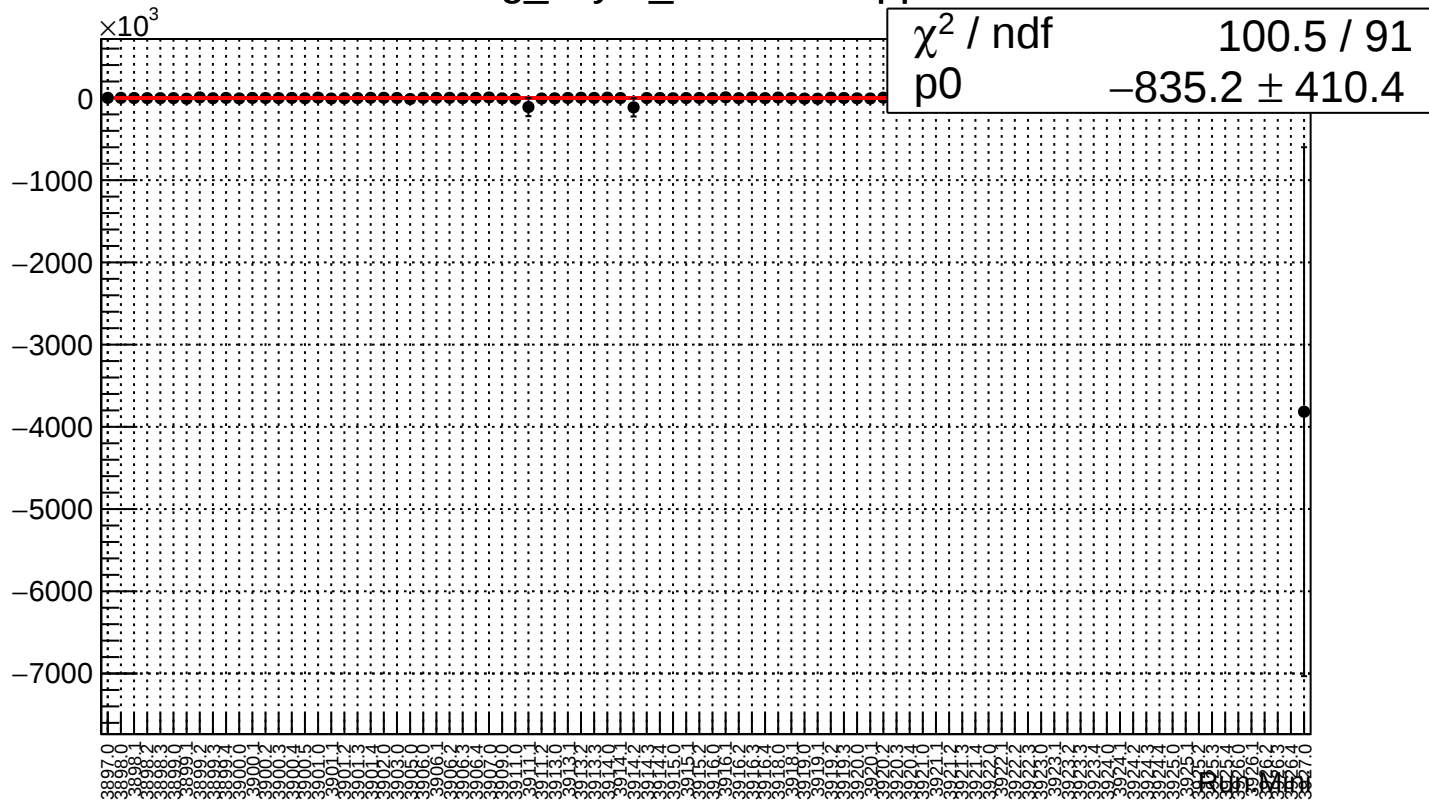
reg_asym_atr1.rms/ppm



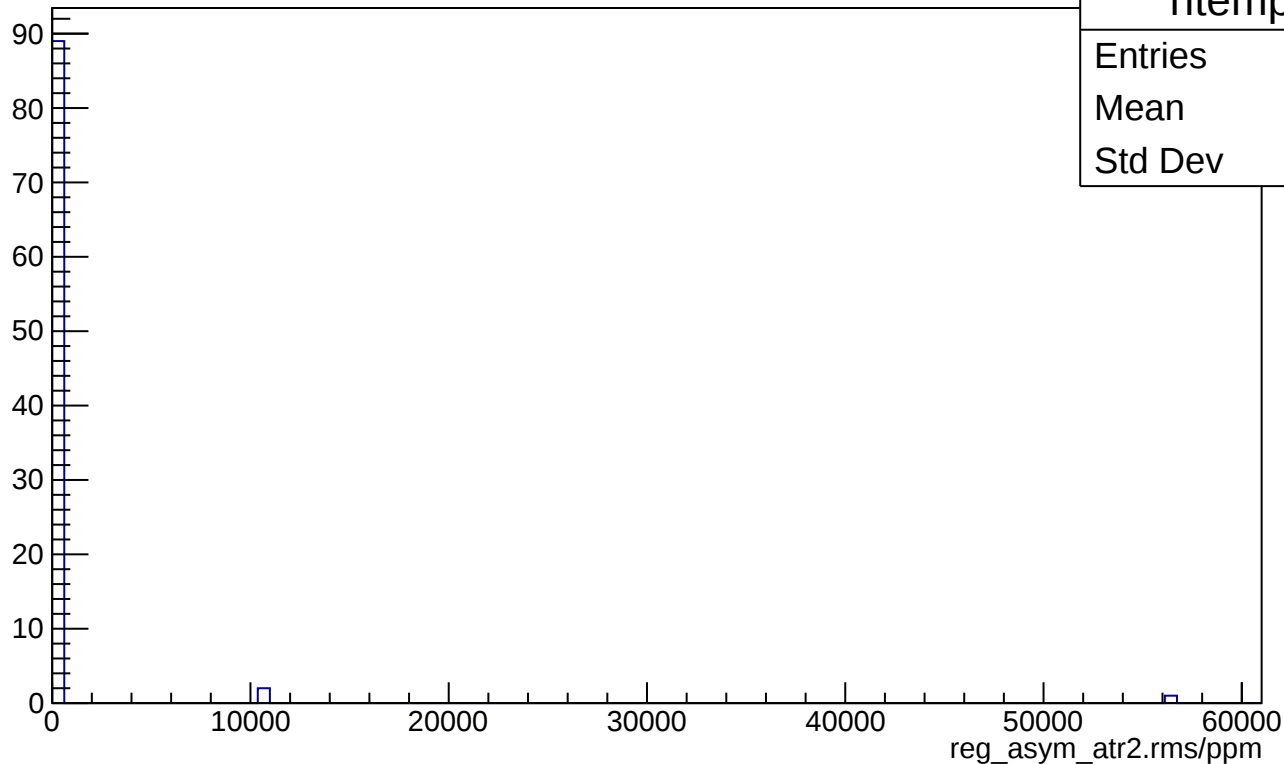
reg_asym_atr1.rms/ppm



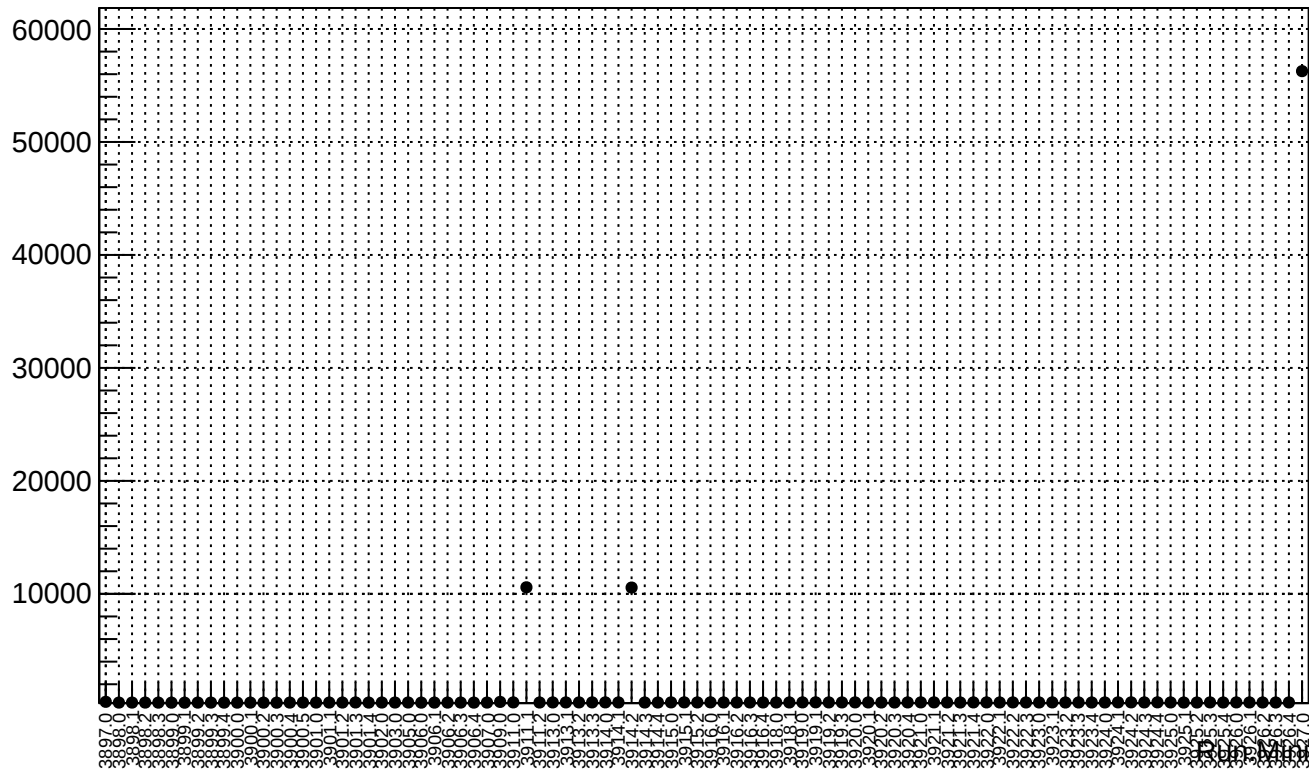
reg_asym_atr2.mean/ppb



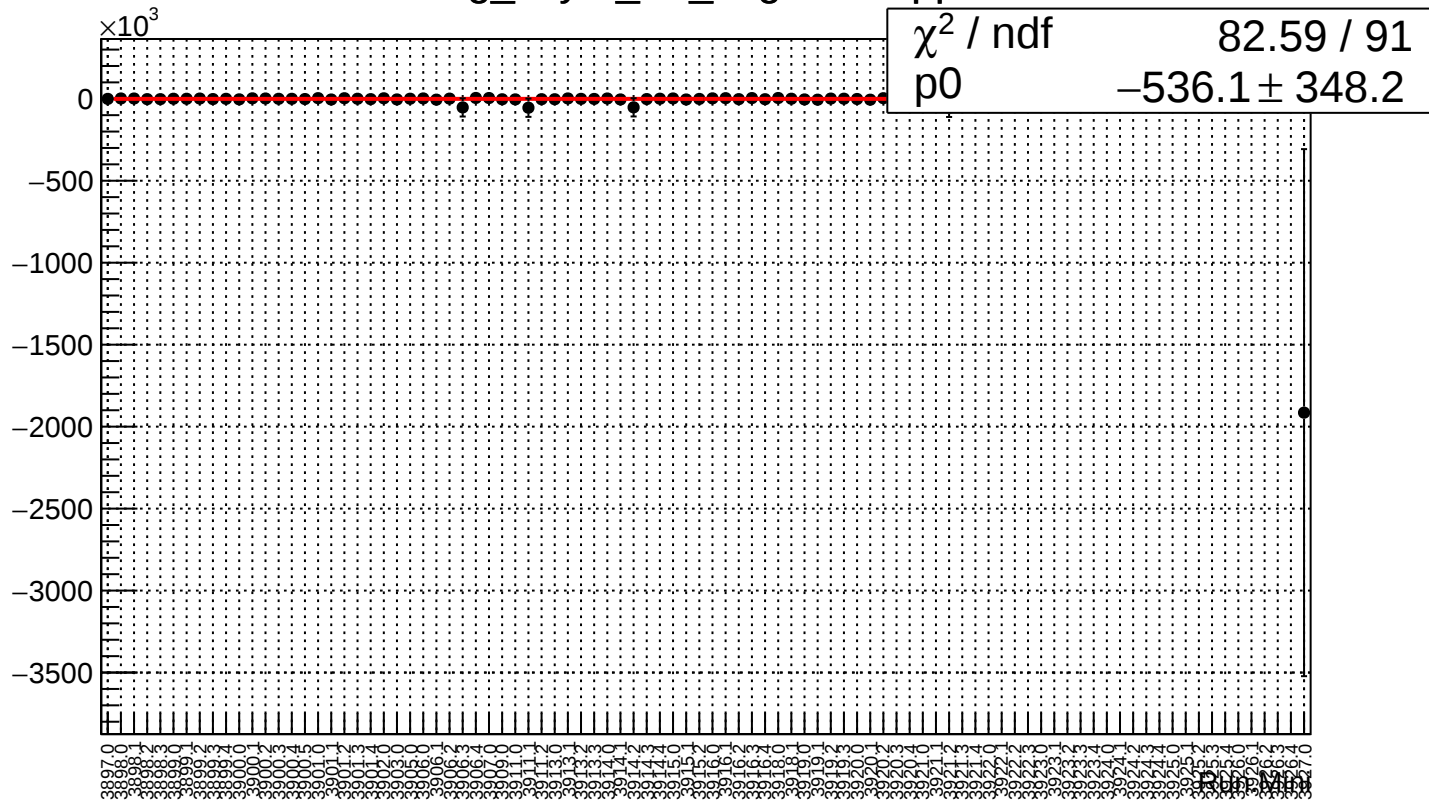
reg_asym_atr2.rms/ppm



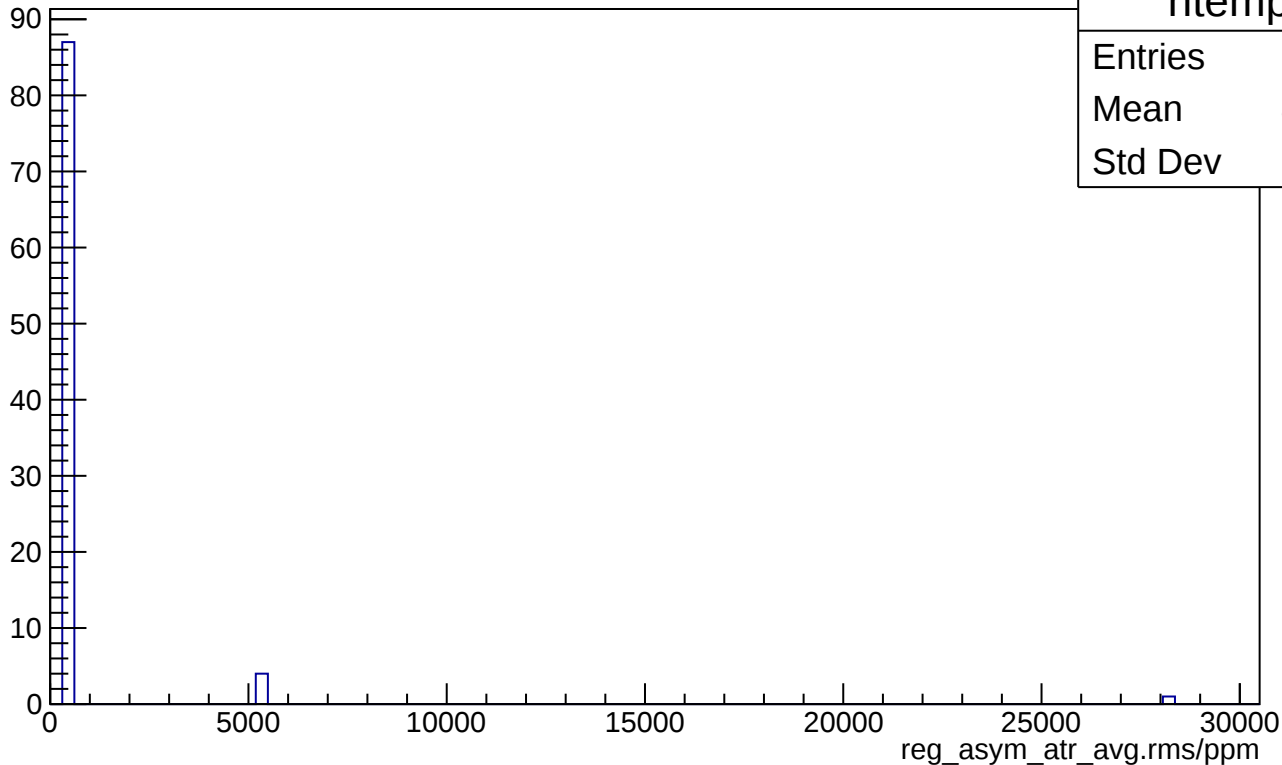
reg_asym_atr2.rms/ppm



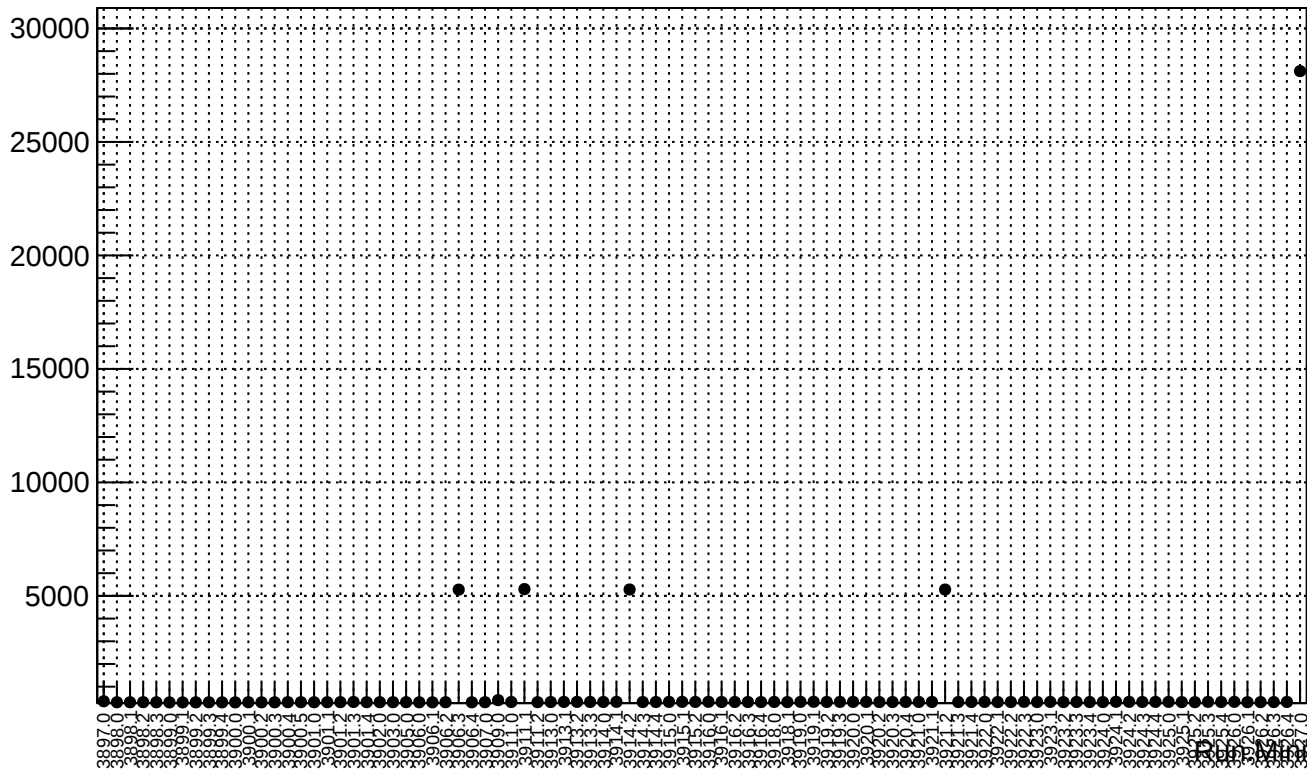
reg_asym_atr_avg.mean/ppb



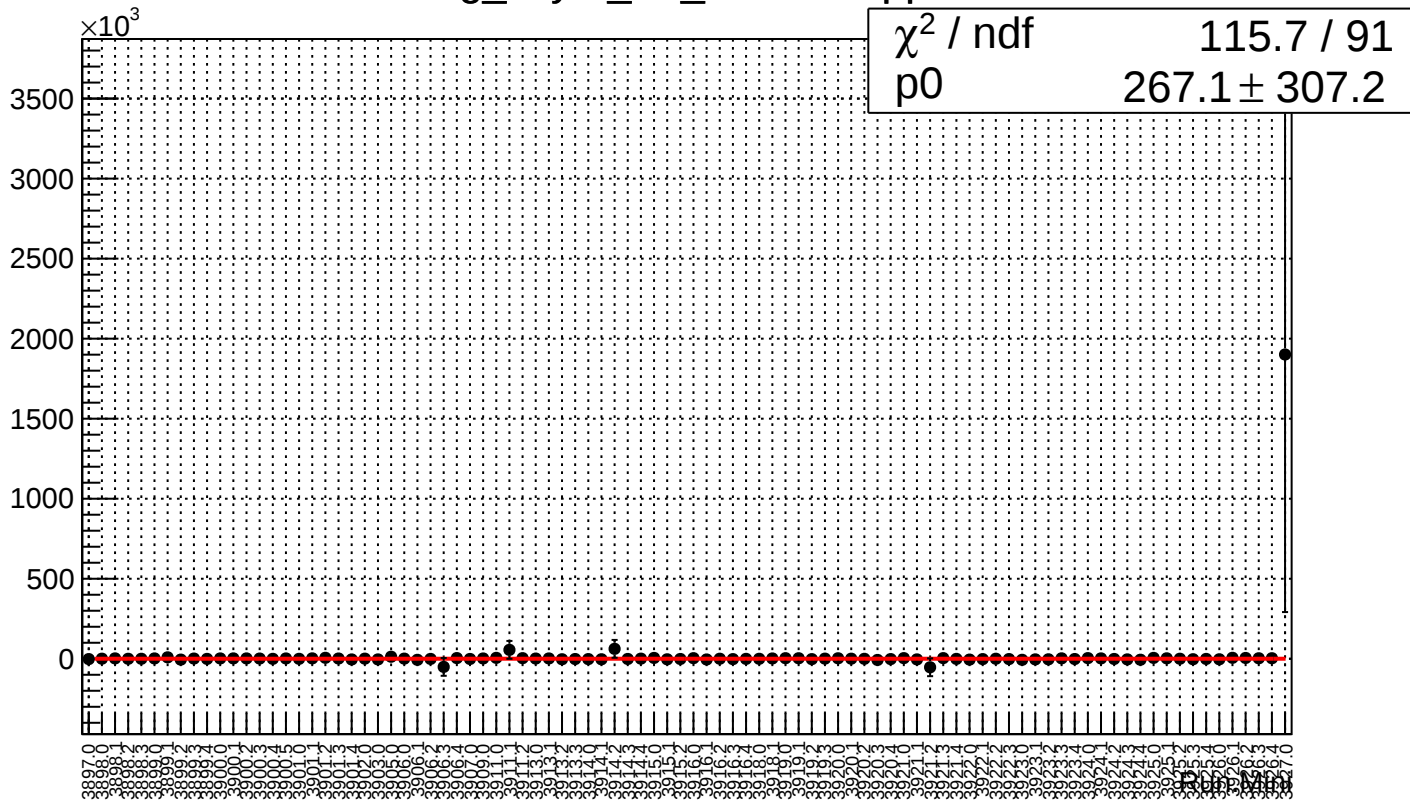
reg_asym_atr_avg.rms/ppm



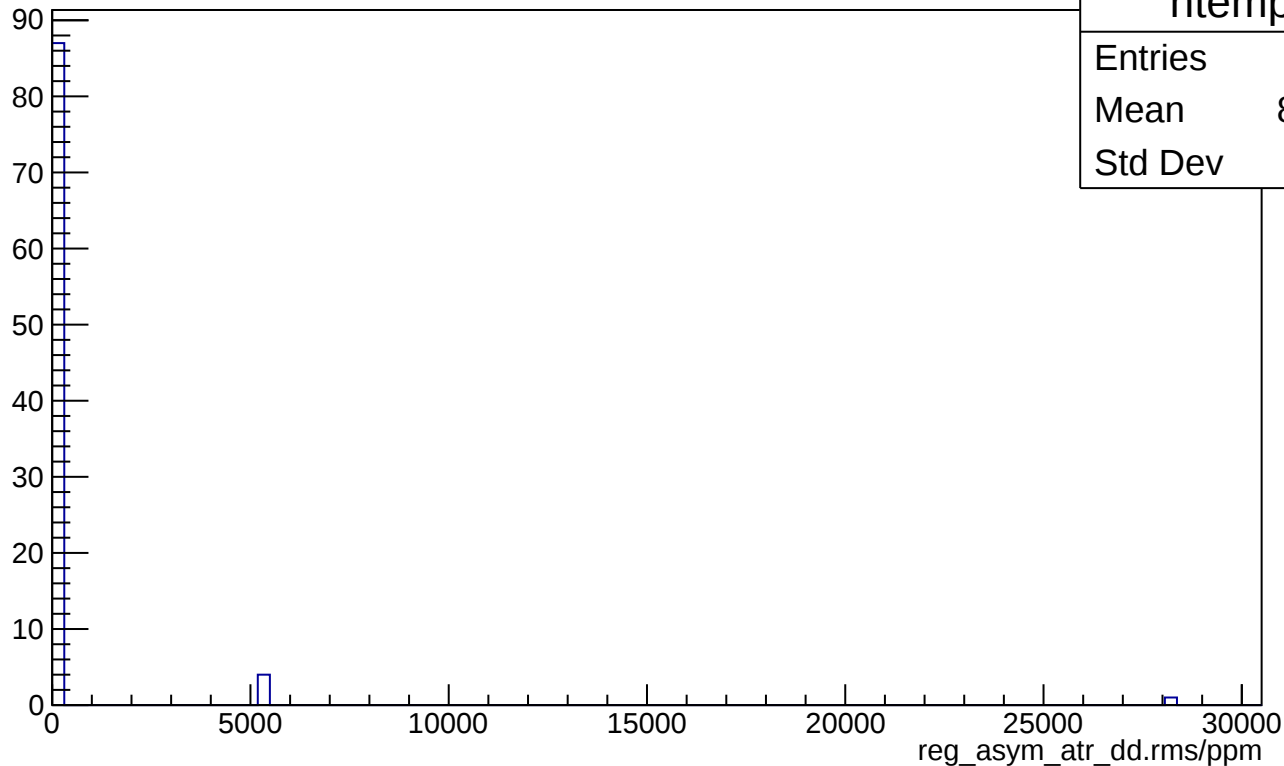
reg_asym_atr_avg.rms/ppm



reg_asym_atr_dd.mean/ppb



reg_asym_atr_dd.rms/ppm



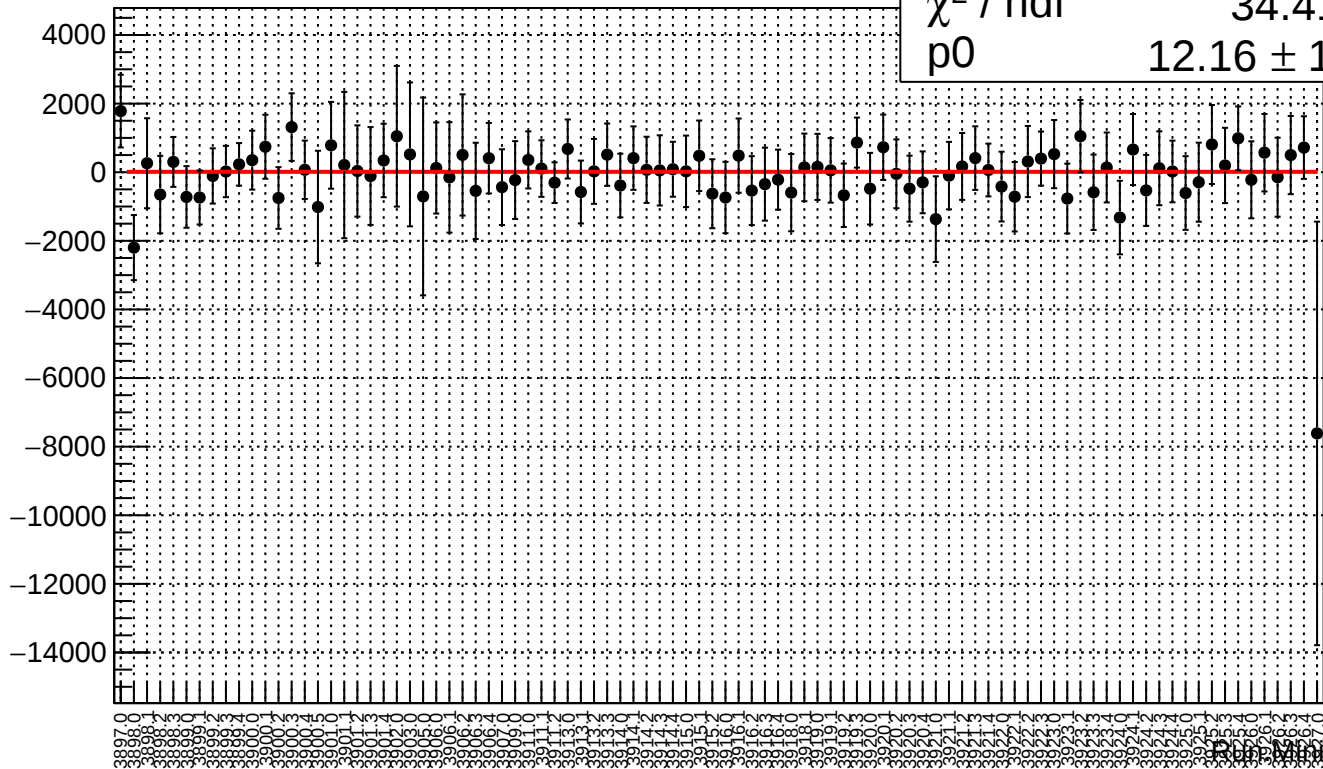
reg_asym_bcm_an_ds3.mean/ppb

χ^2 / ndf

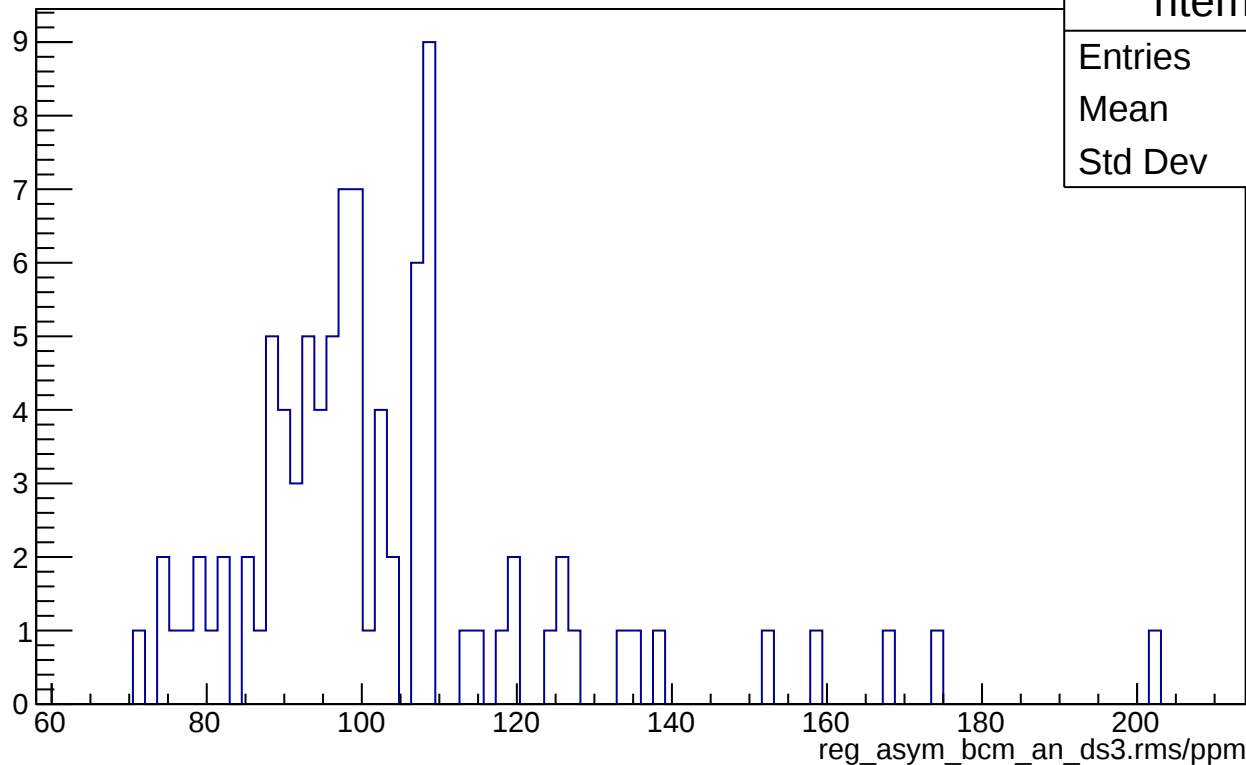
34.41 / 91

p0

12.16 ± 103.5



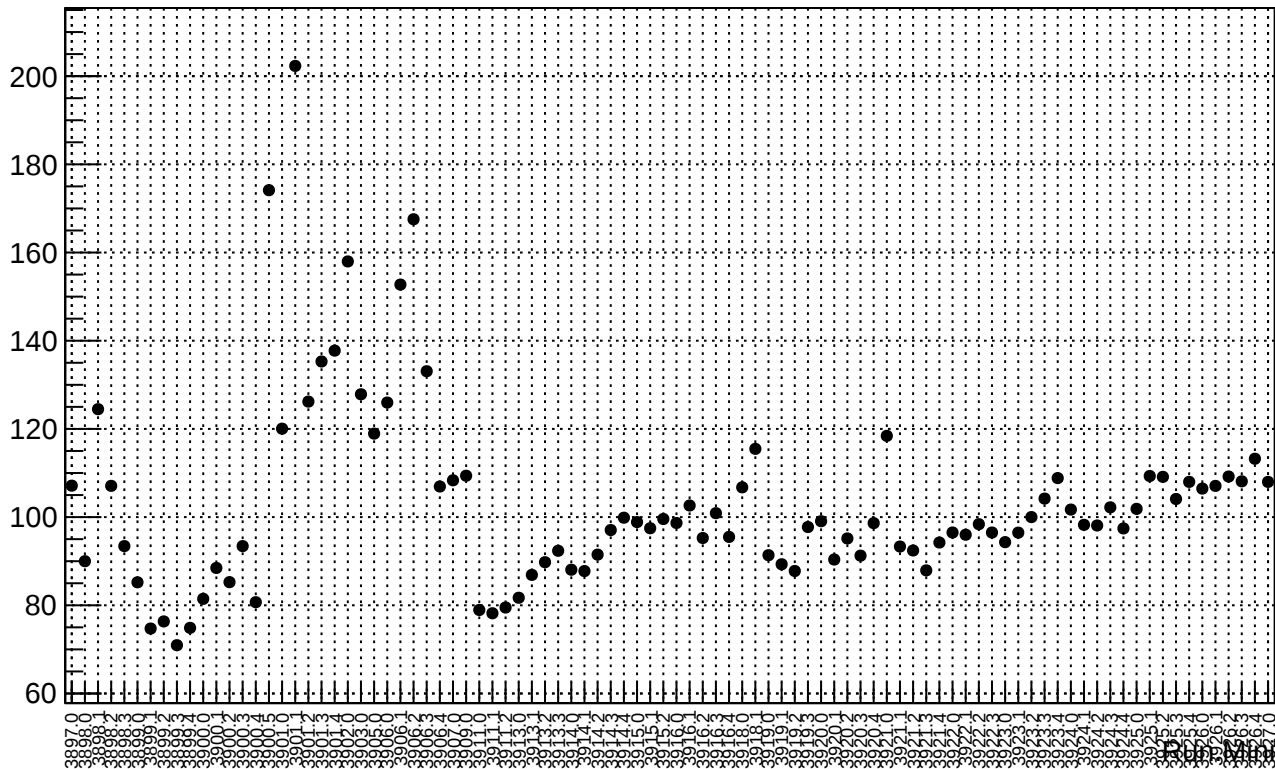
reg_asym_bcm_an_ds3.rms/ppm



htemp

Entries	92
Mean	103.3
Std Dev	21.42

reg_asym_bcm_an_ds3.rms/ppm

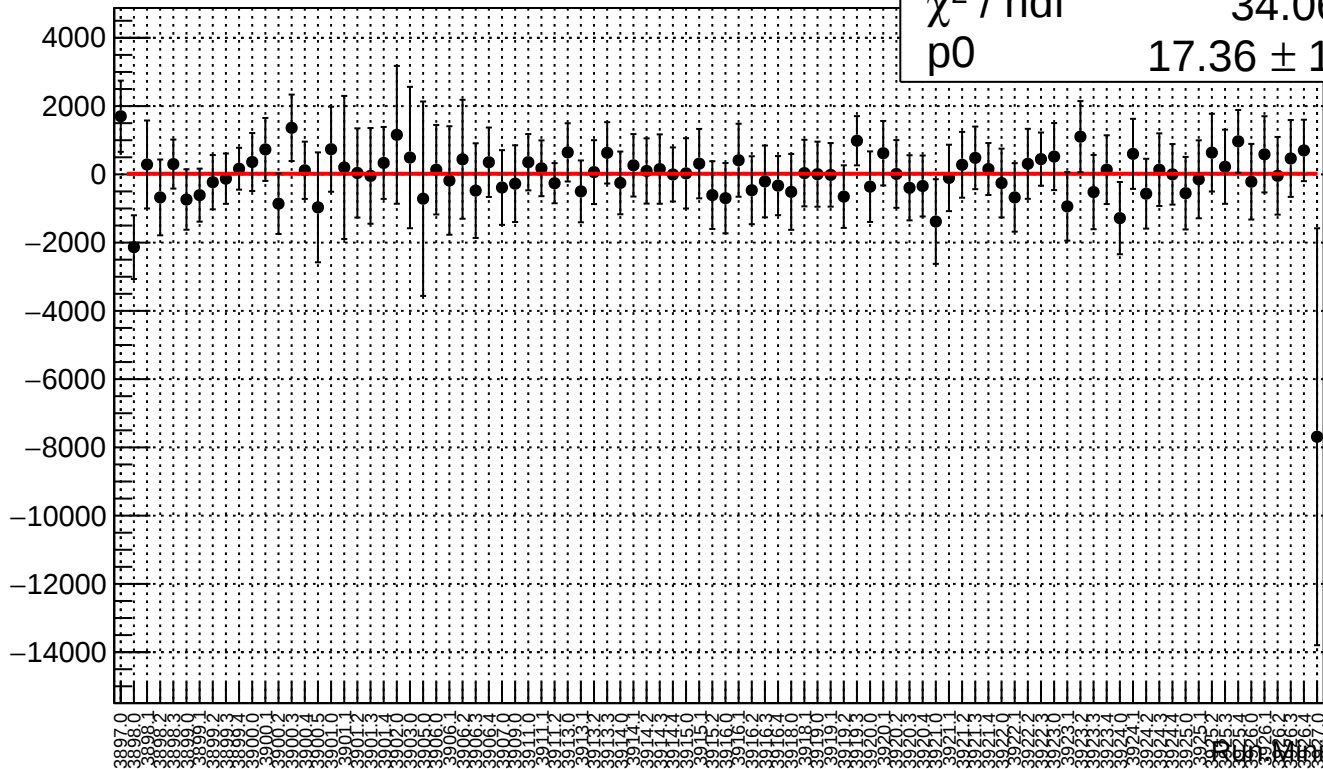


reg_asym_bcm_an_ds.mean/ppb

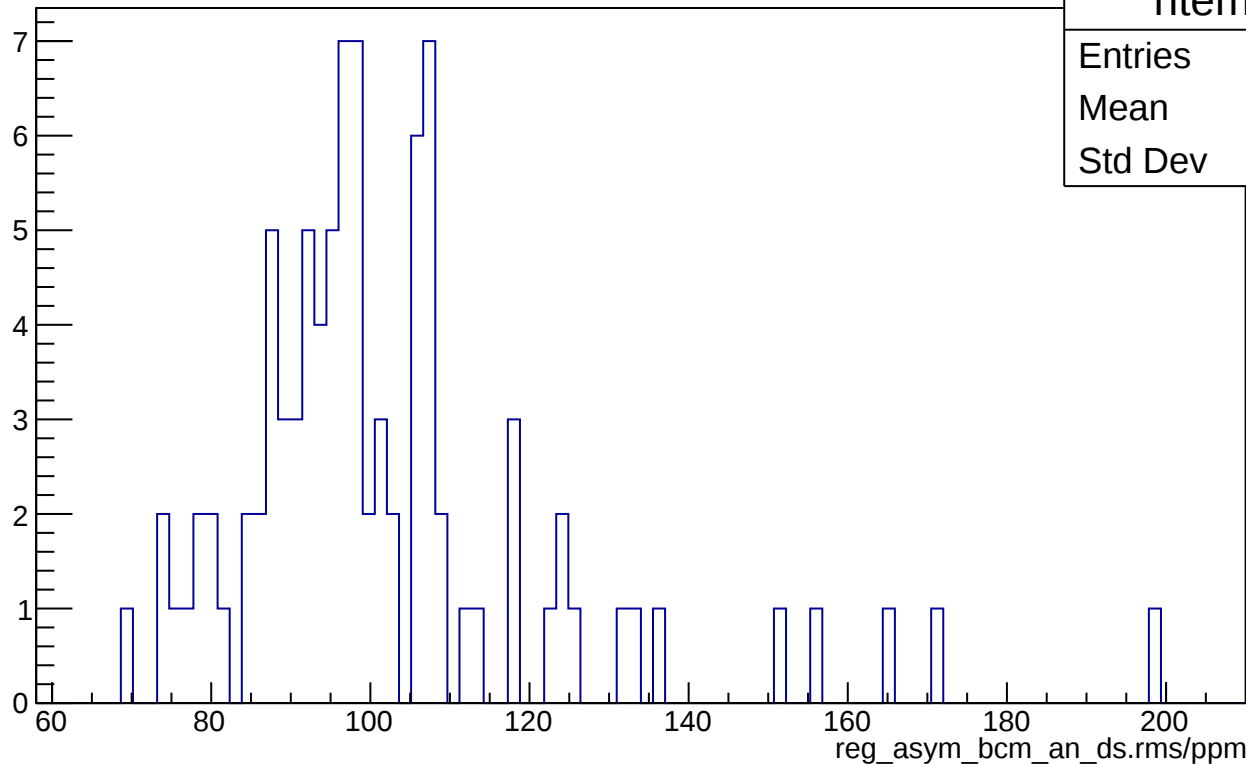
χ^2 / ndf
p0

34.06 / 91

17.36 ± 102.4



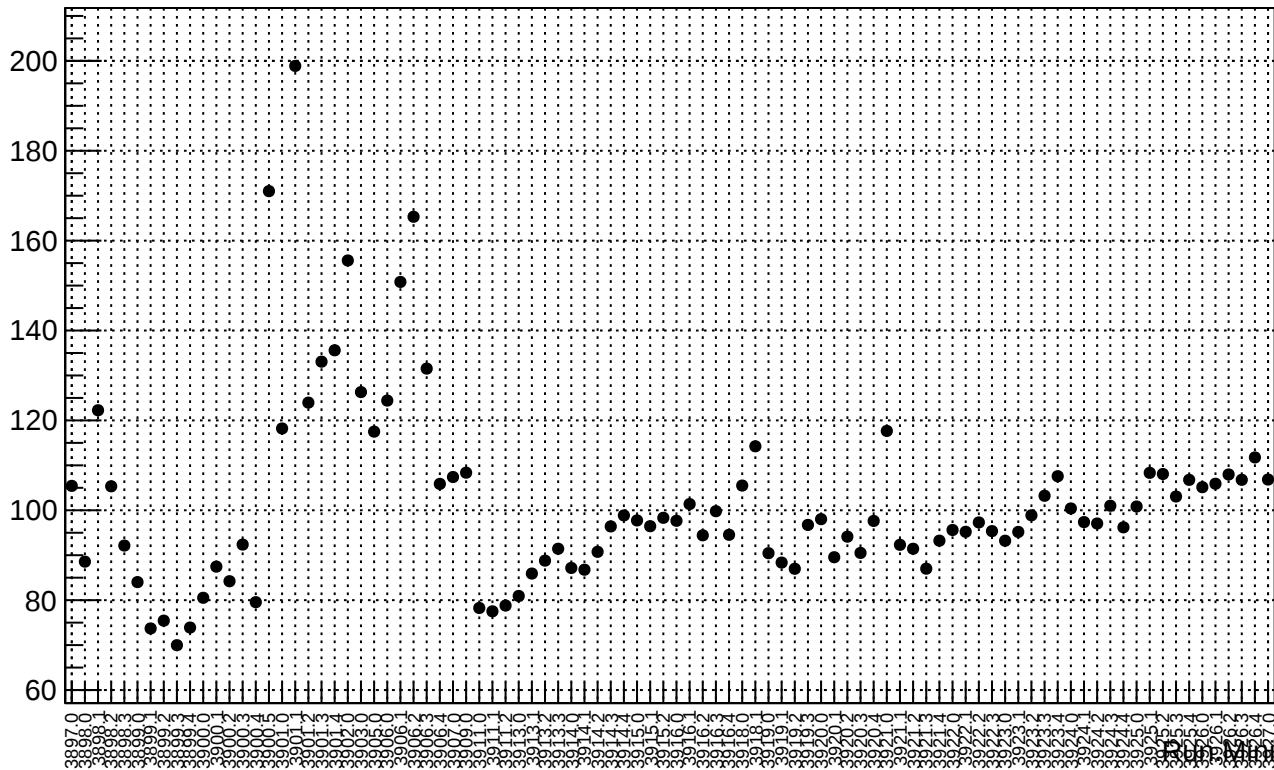
reg_asym_bcm_an_ds.rms/ppm



htemp

Entries	92
Mean	102.1
Std Dev	21

reg_asym_bcm_an_ds.rms/ppm



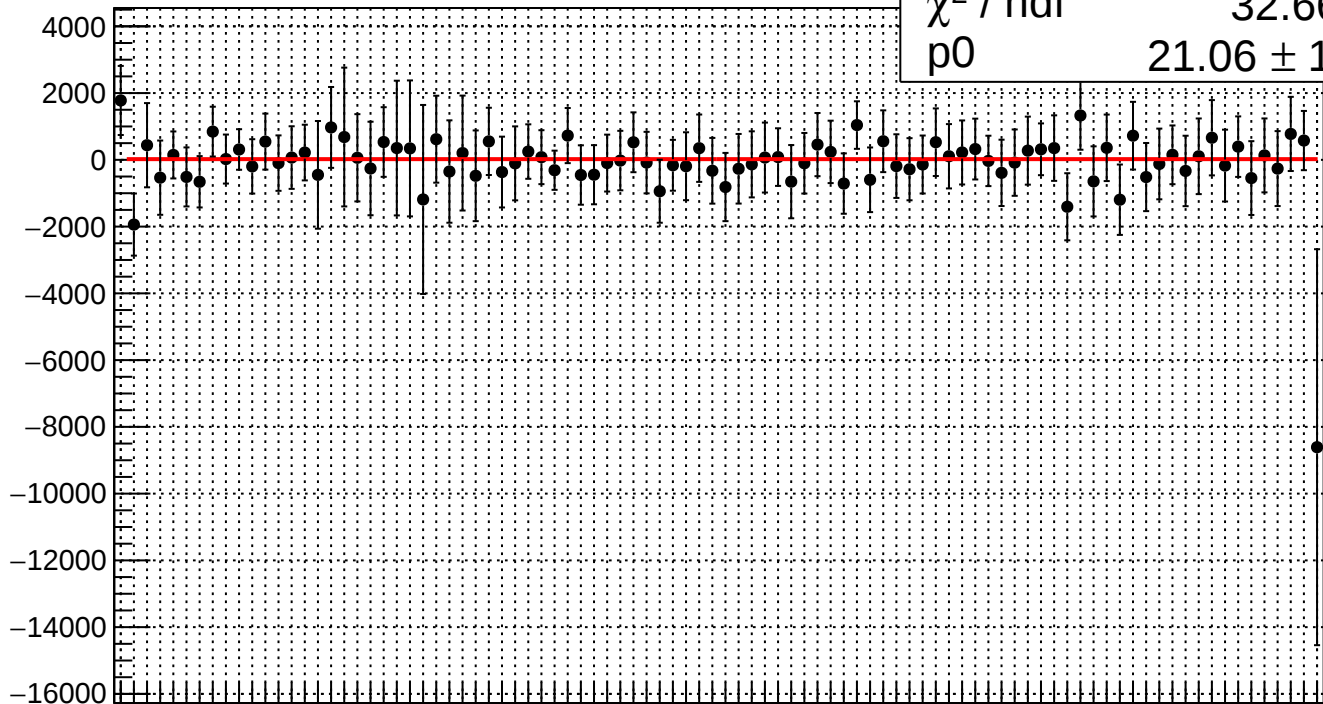
reg_asym_bcm_an_us.mean/ppb

χ^2 / ndf

32.66 / 91

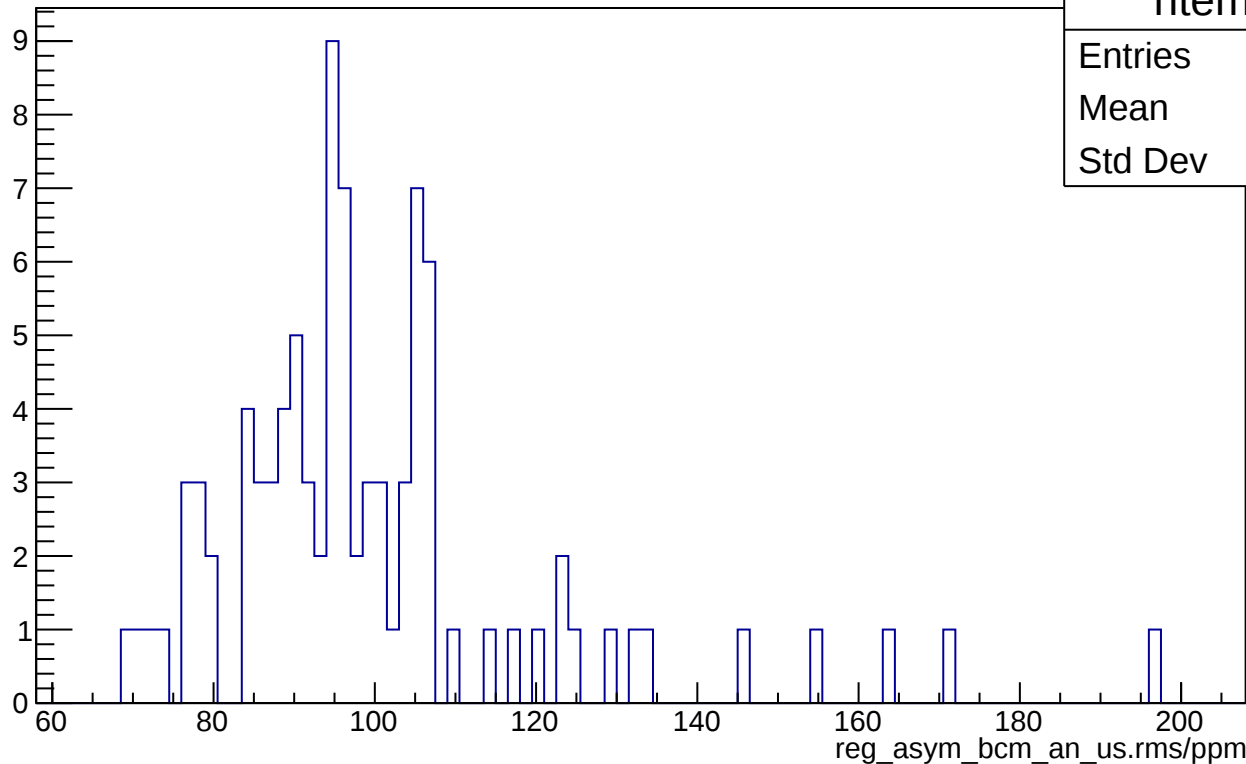
p0

21.06 ± 100.3

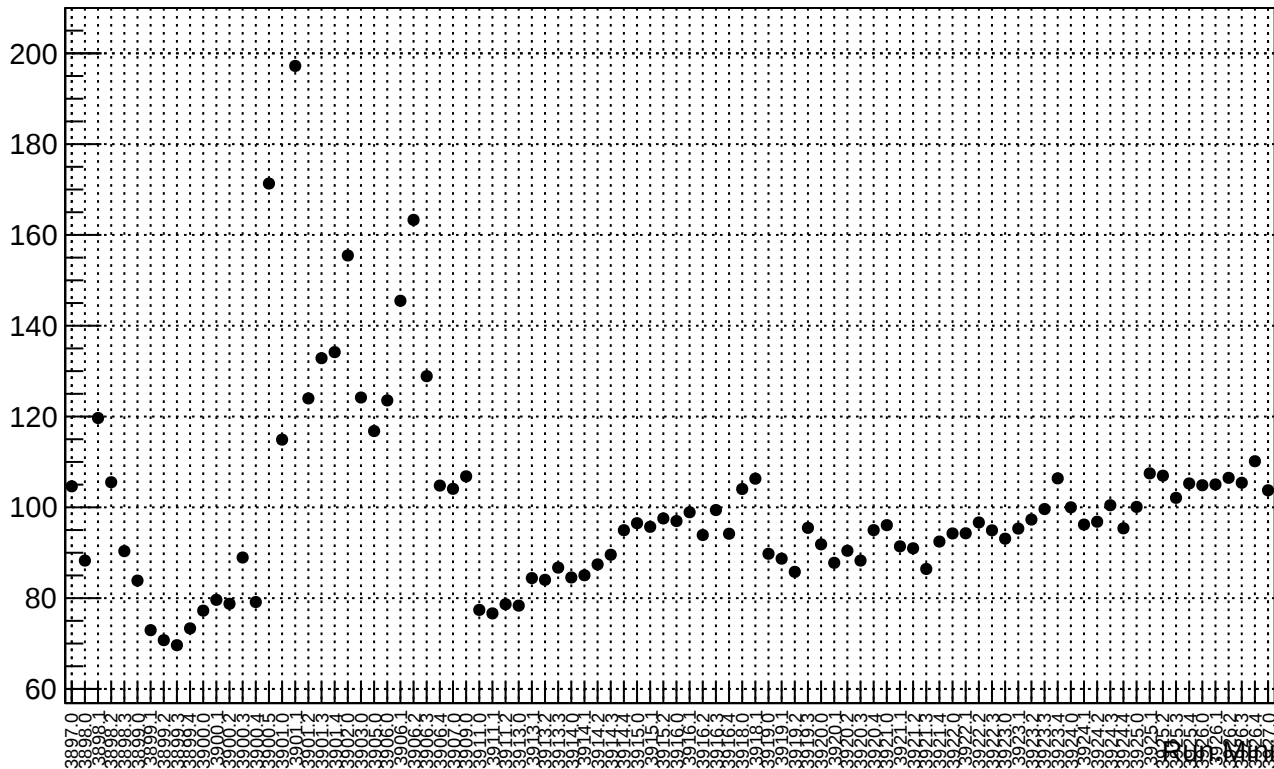


Run Num

reg_asym_bcm_an_us.rms/ppm



reg_asym_bcm_an_us.rms/ppm



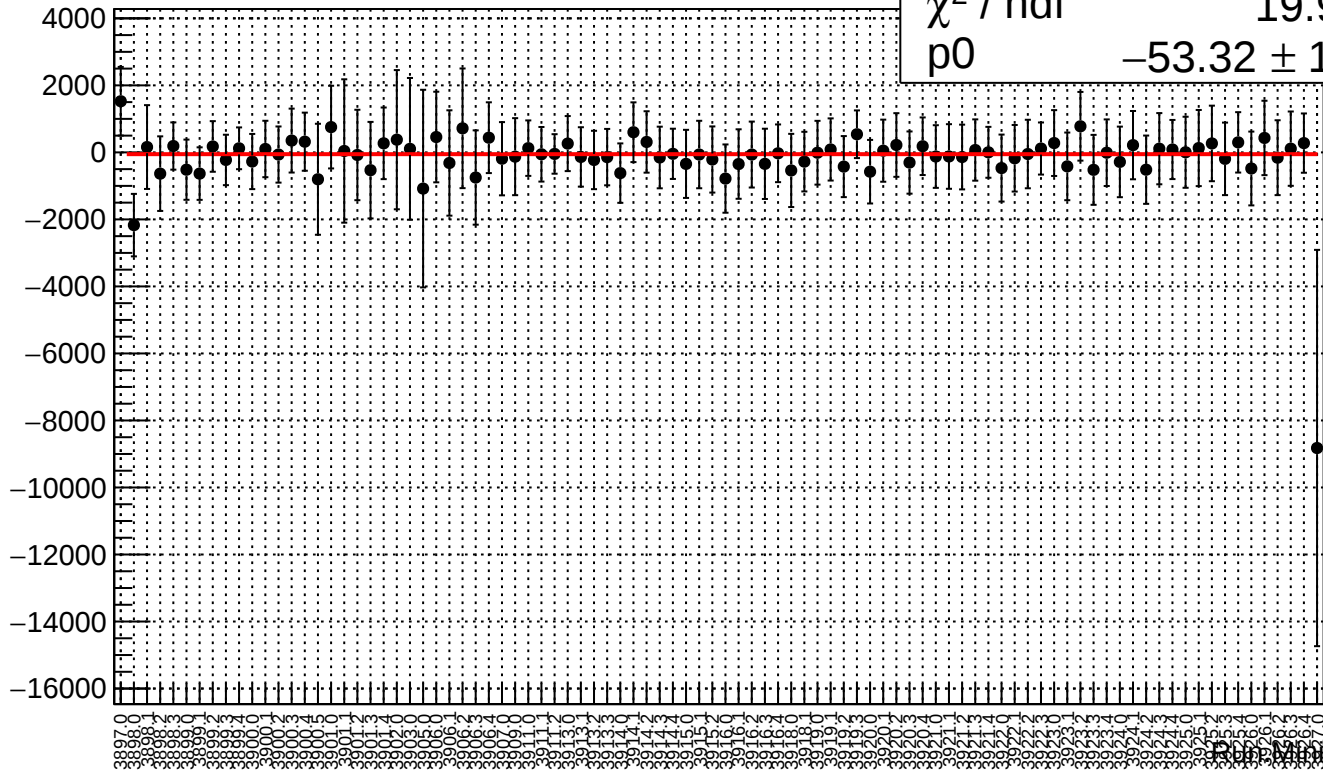
reg_asym_bcm_dg_ds.mean/ppb

χ^2 / ndf

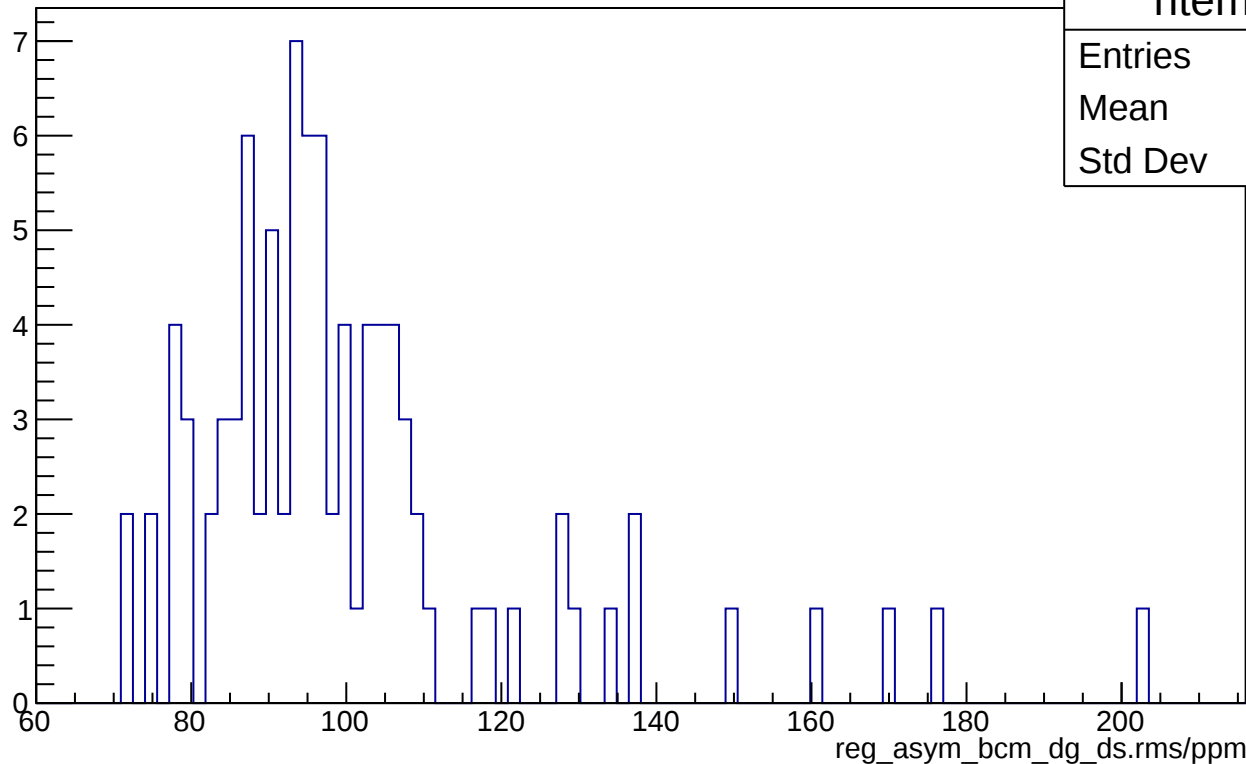
19.9 / 91

p0

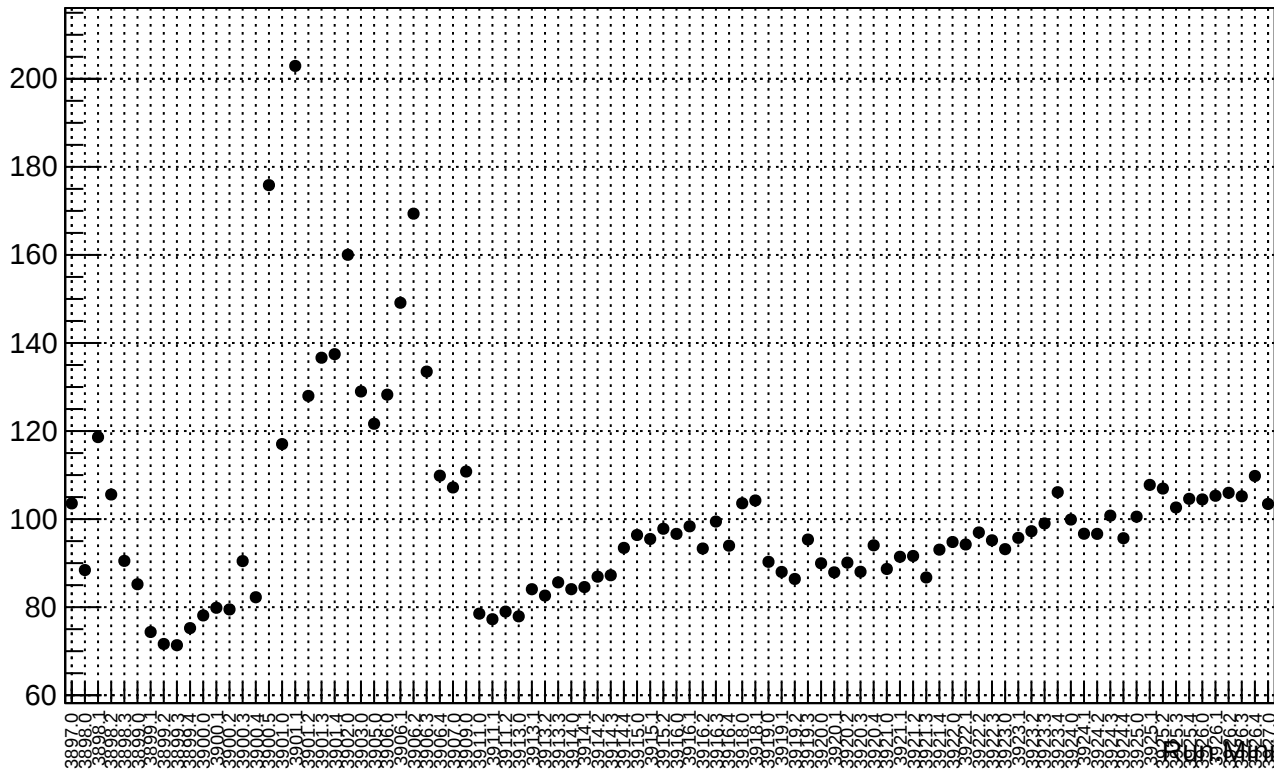
-53.32 ± 100.6



reg_asym_bcm_dg_ds.rms/ppm



reg_asym_bcm_dg_ds.rms/ppm



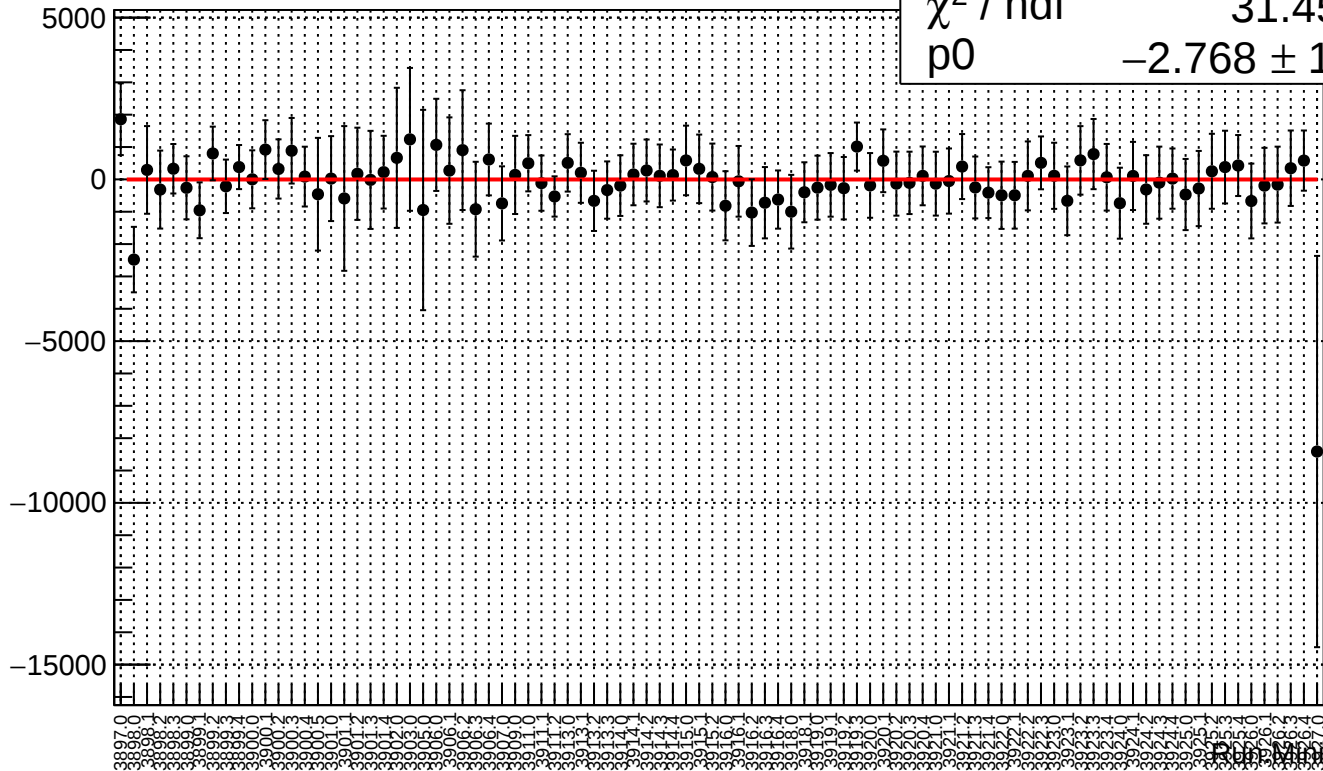
reg_asym_bcm_dg_us.mean/ppb

χ^2 / ndf

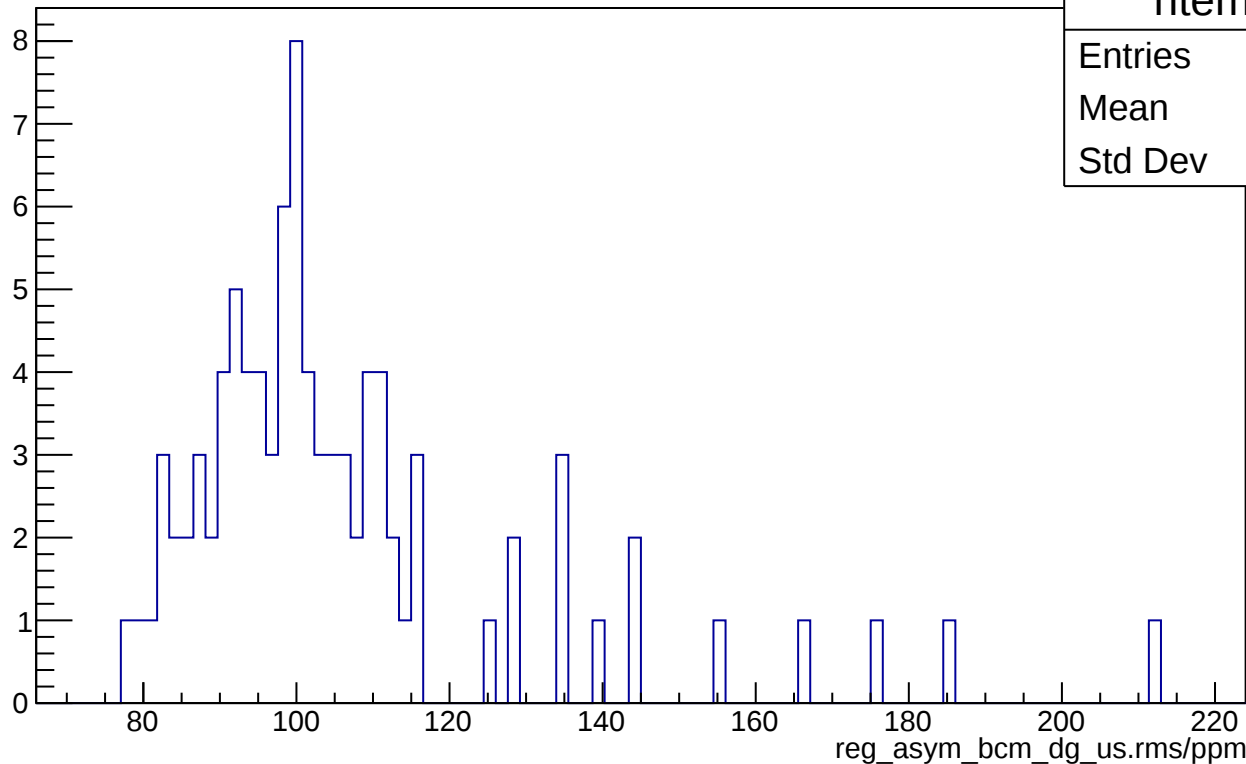
31.45 / 91

p0

-2.768 ± 106.3



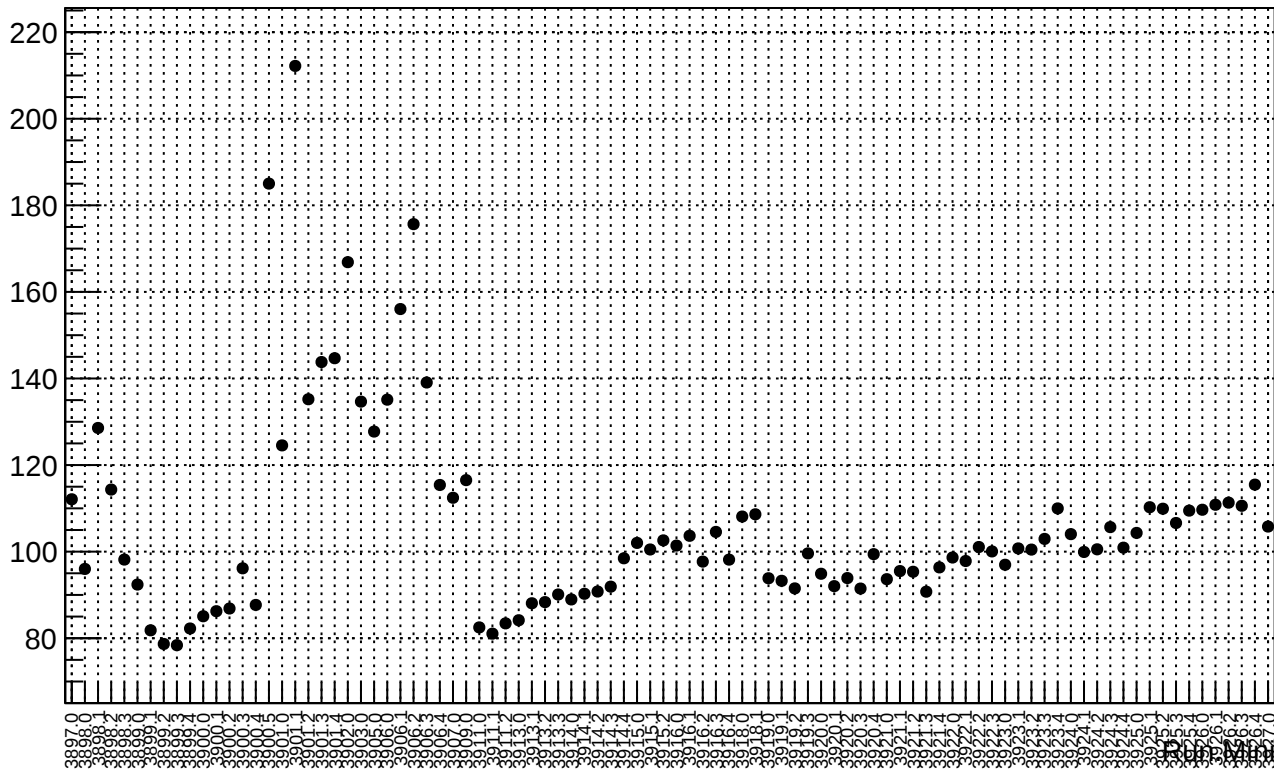
reg_asym_bcm_dg_us.rms/ppm



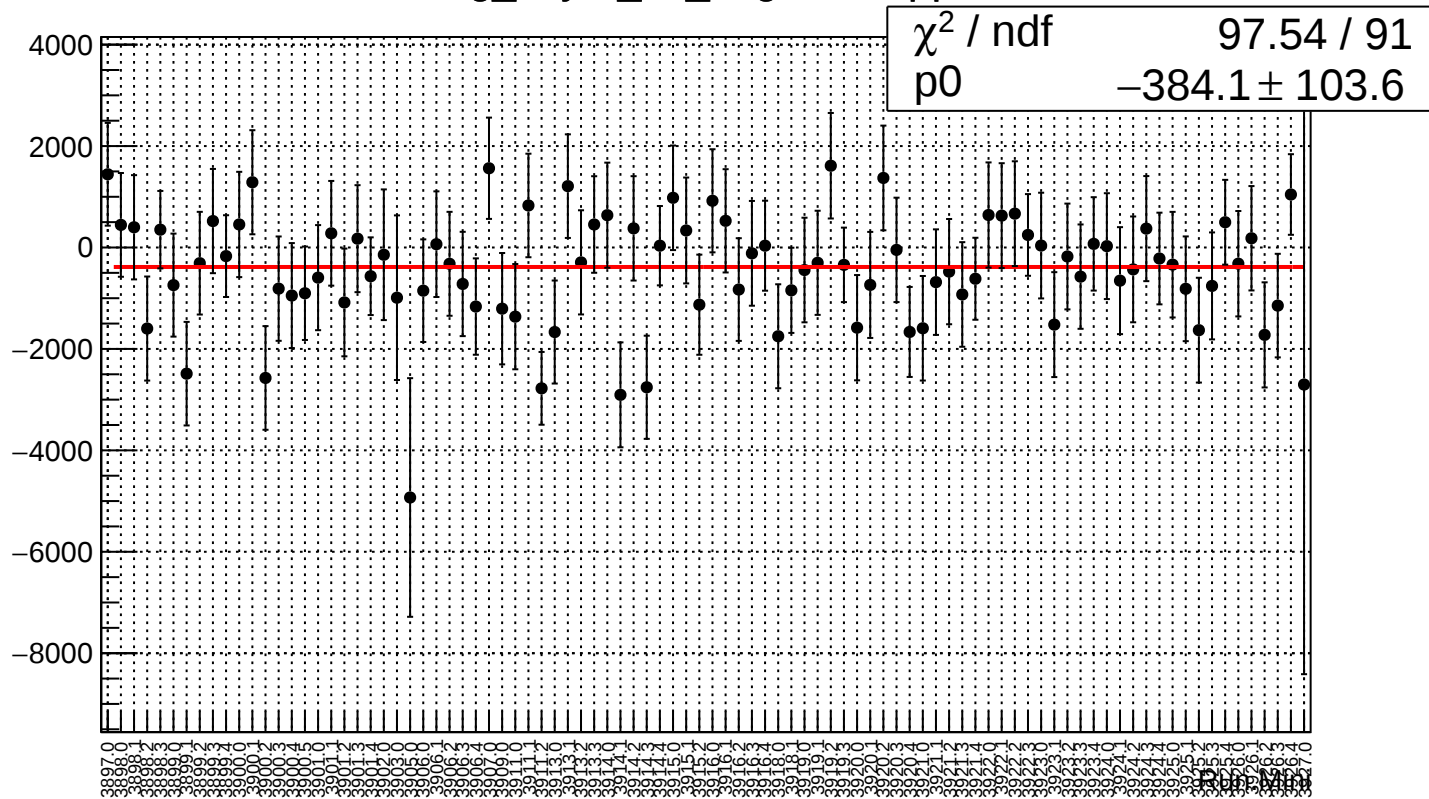
htemp

Entries	92
Mean	106.1
Std Dev	22.93

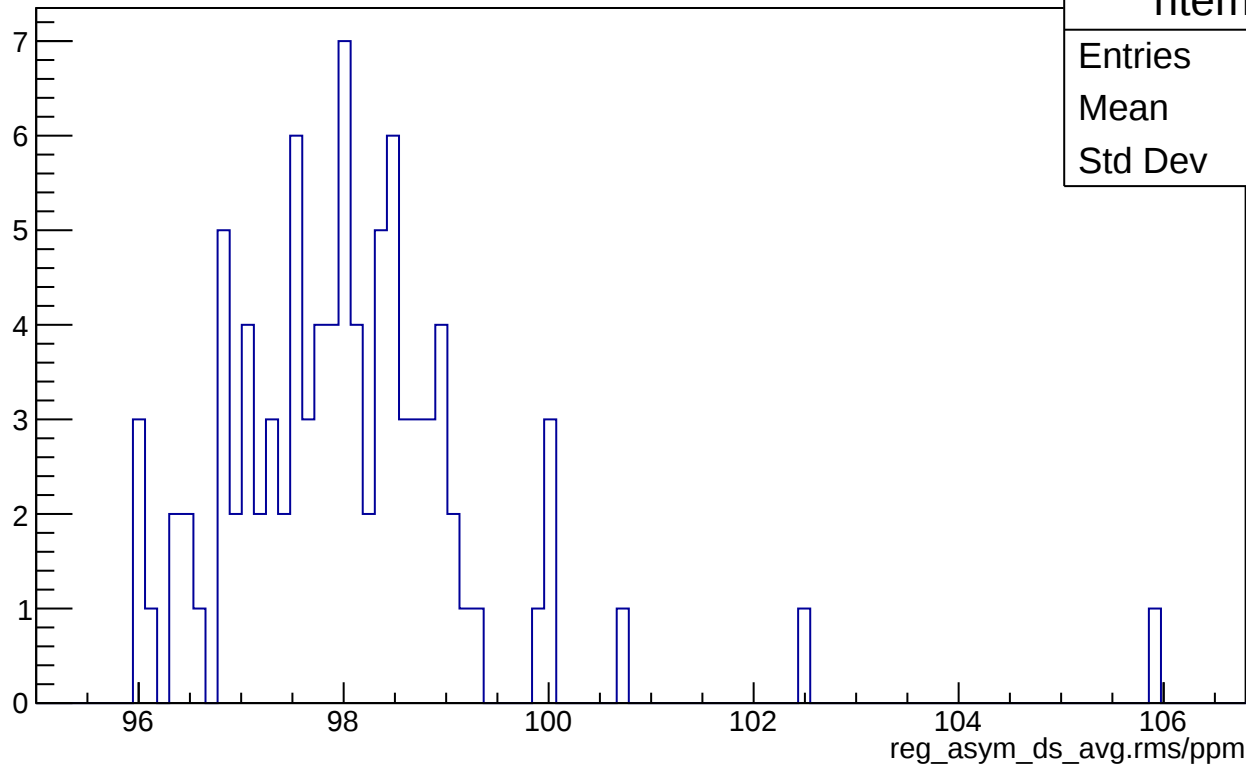
reg_asym_bcm_dg_us.rms/ppm



reg_asym_ds_avg.mean/ppb



reg_asym_ds_avg.rms/ppm



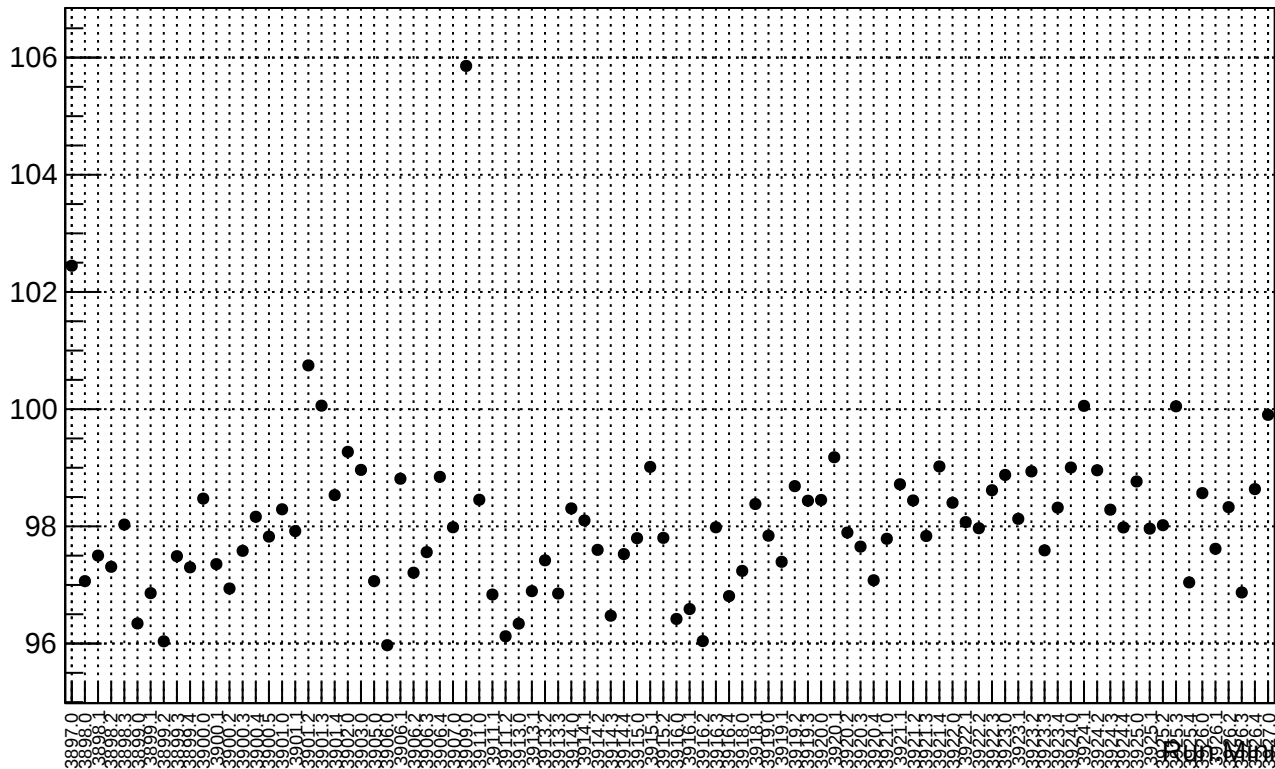
htemp

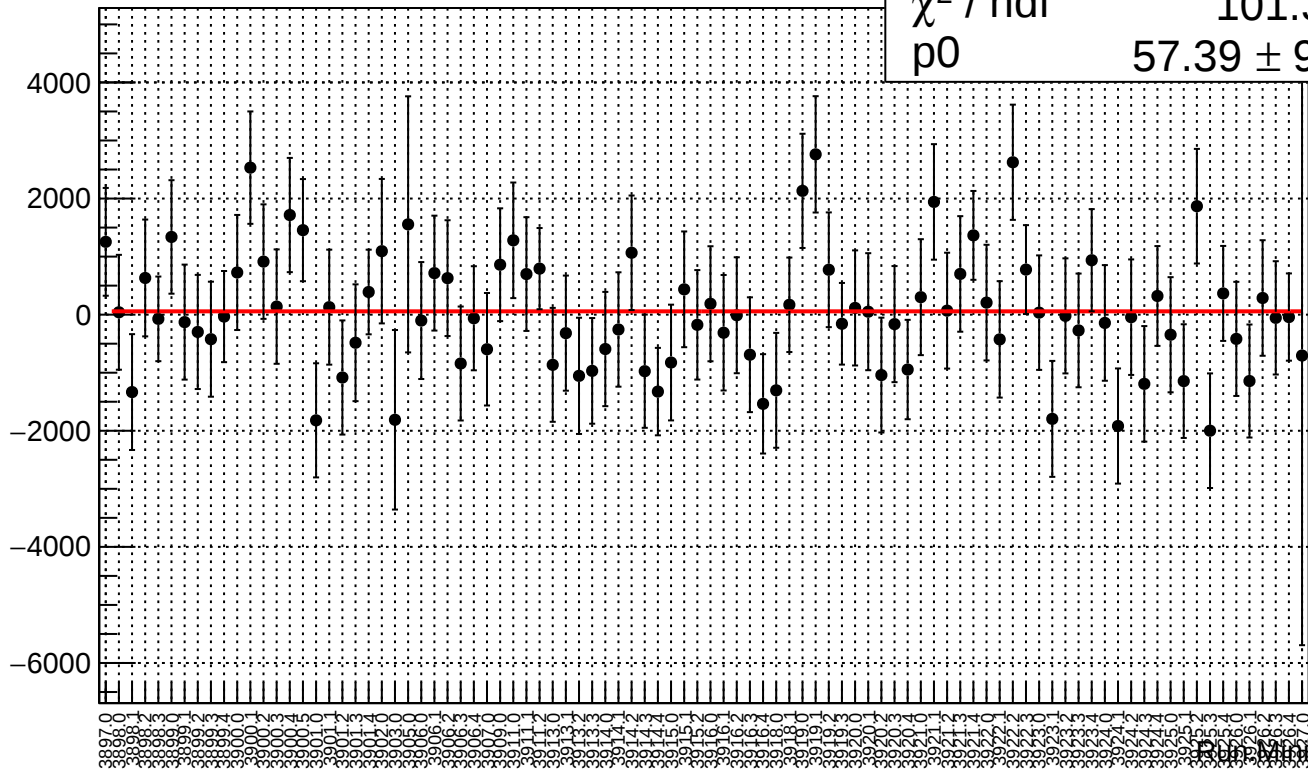
Entries 92

Mean 98.07

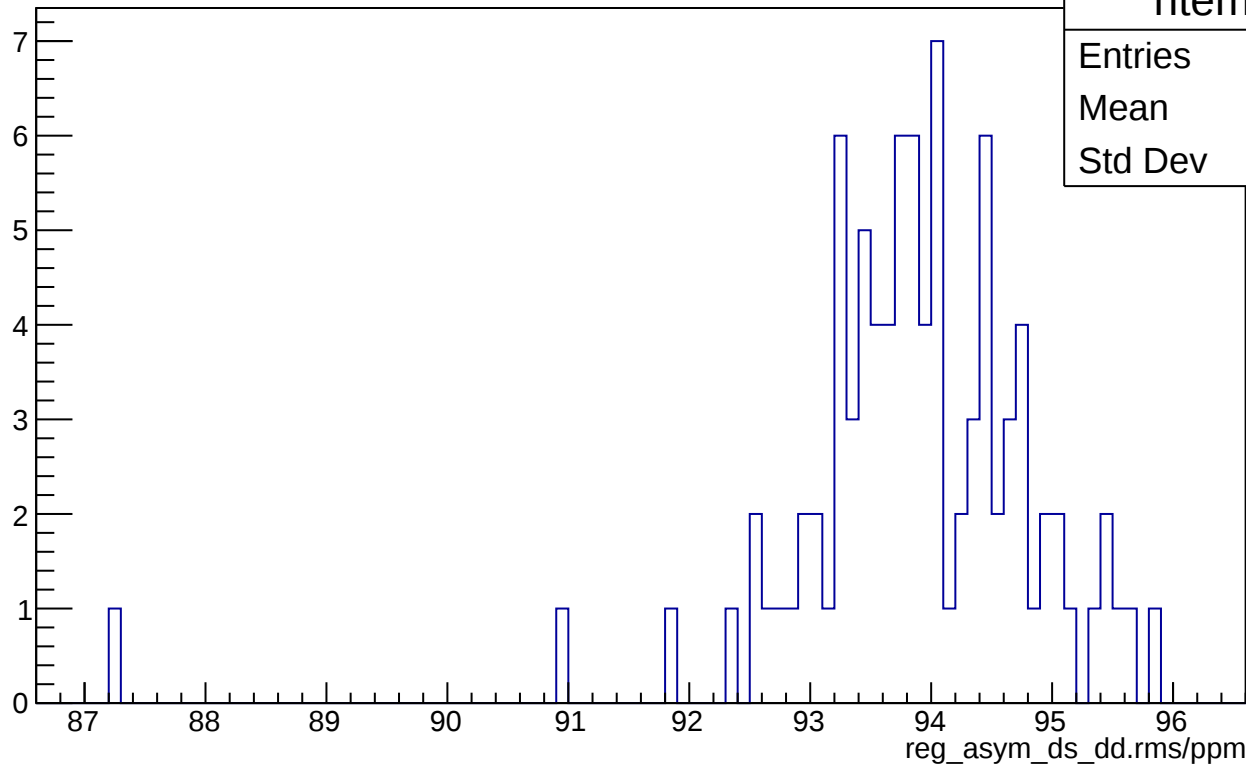
Std Dev 1.344

reg_asym_ds_avg.rms/ppm

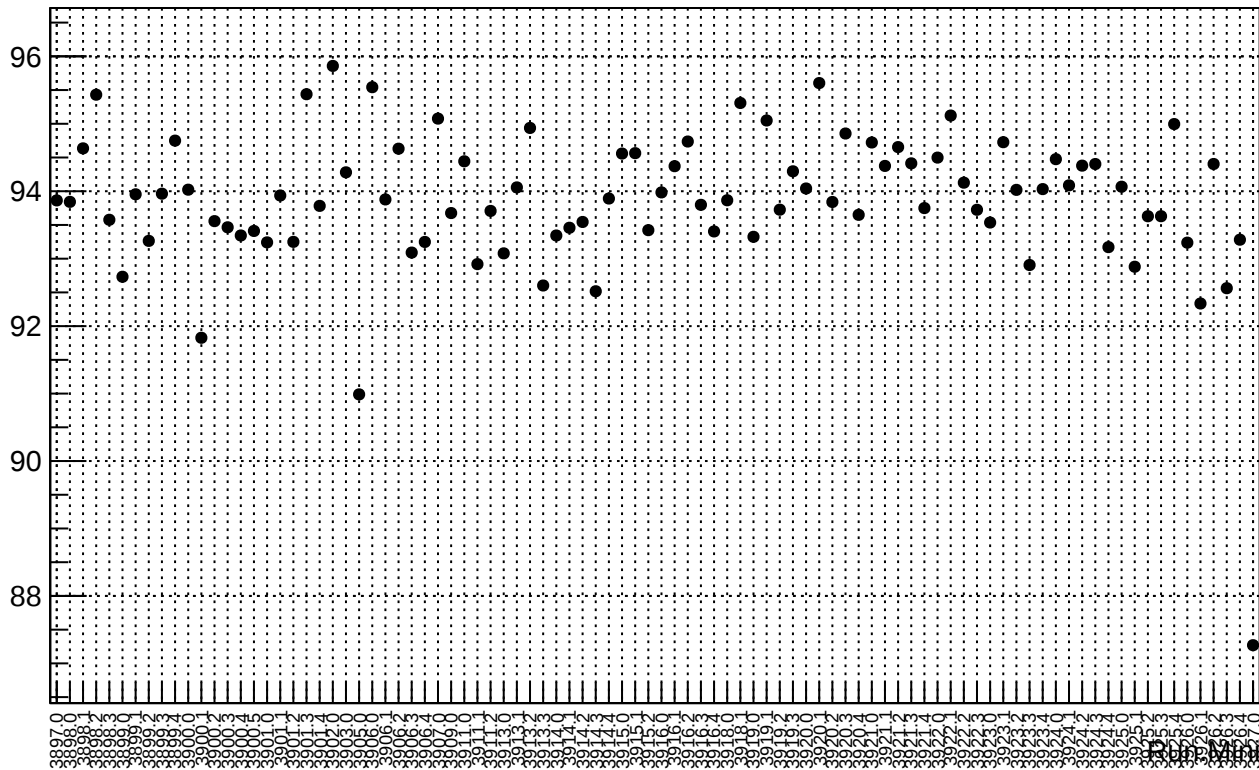


$$\chi^2 / \text{ndf}$$
$$57.39 \pm 99.24$$


reg_asym_ds_dd.rms/ppm



reg_asym_ds_dd.rms/ppm



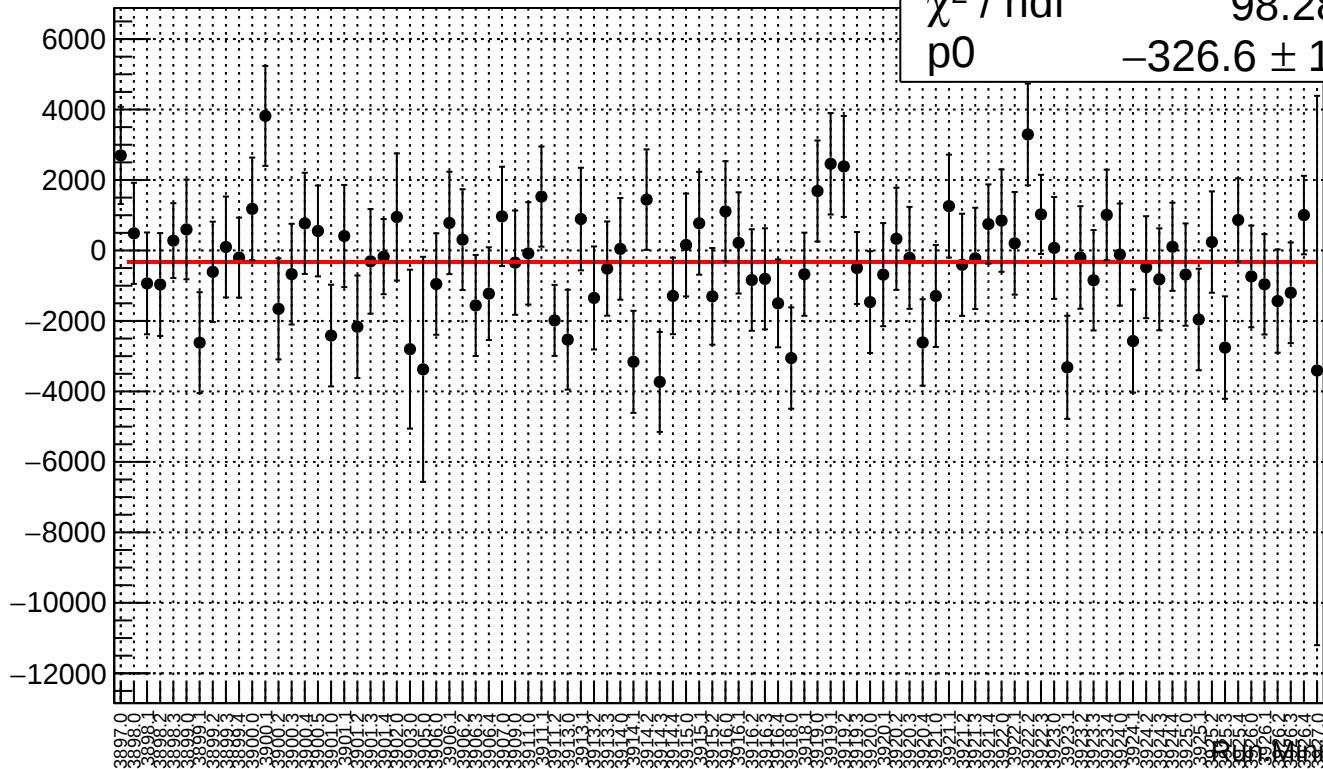
reg_asym_dsl.mean/ppb

χ^2 / ndf

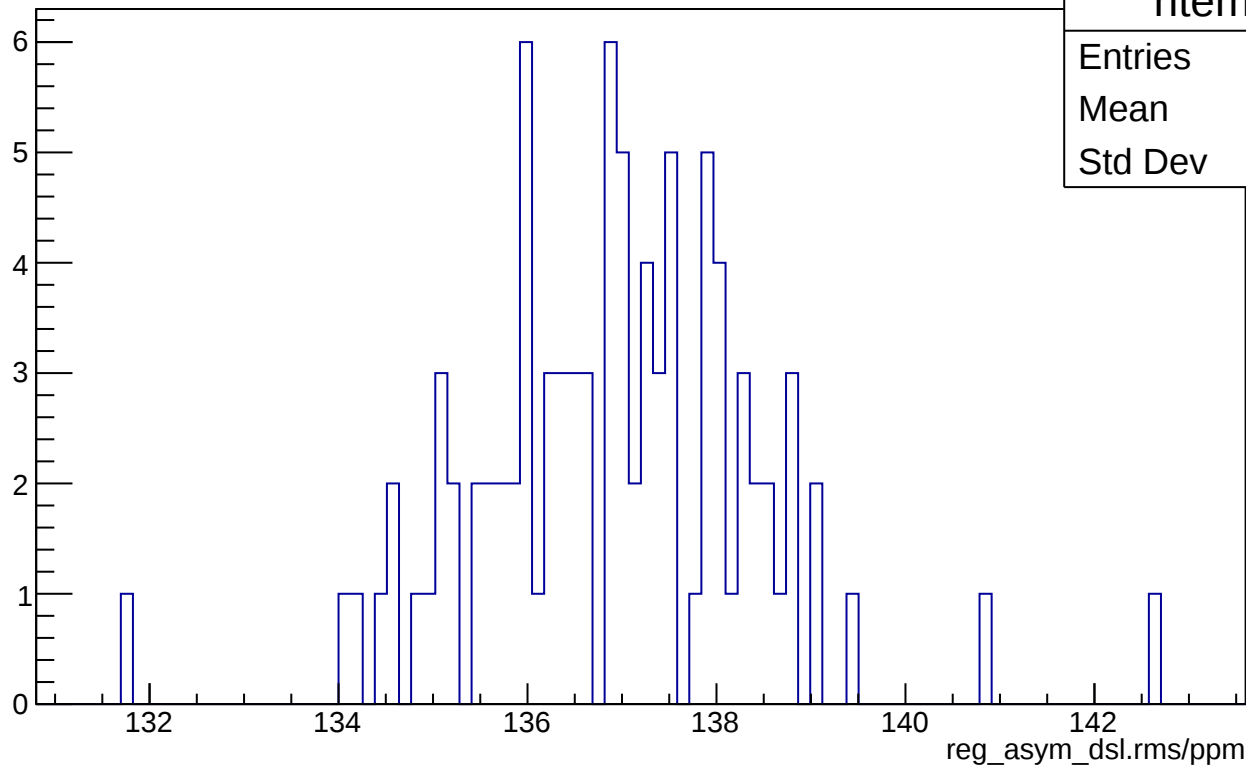
98.28 / 91

p0

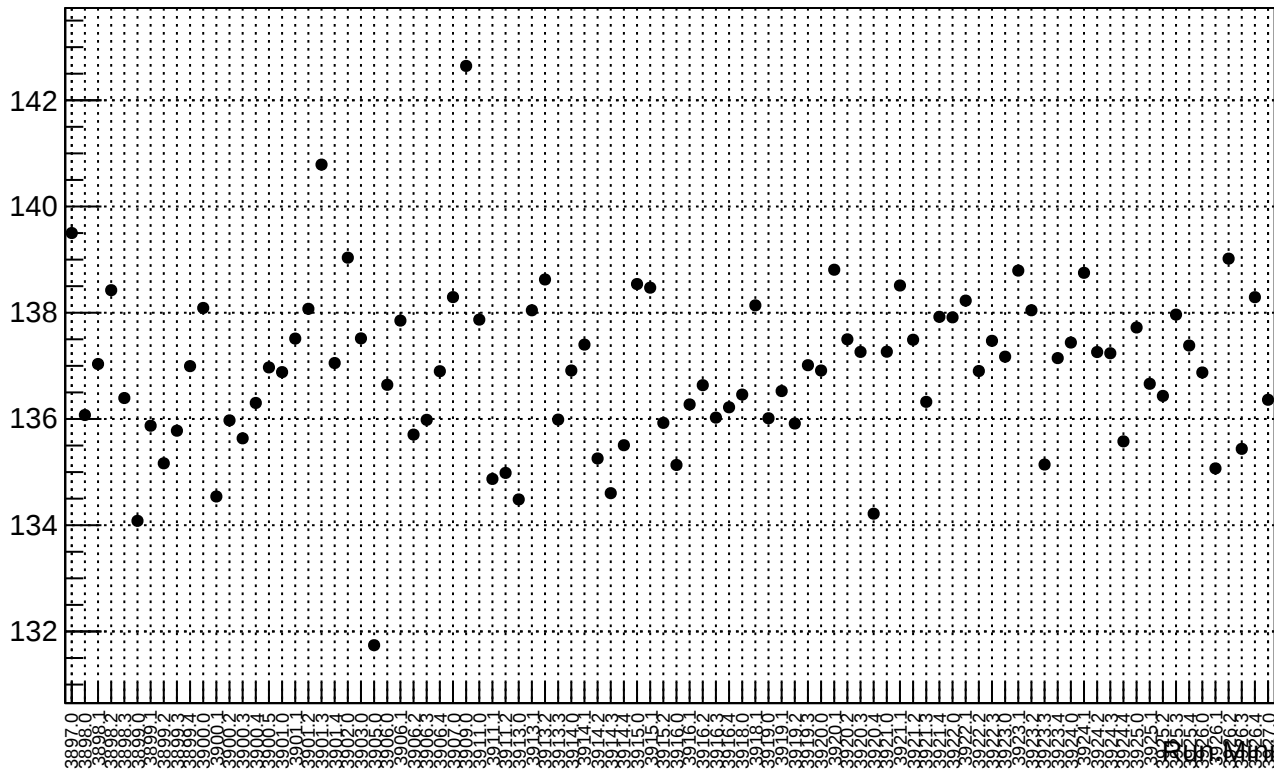
-326.6 ± 144.7



reg_asym_dsl.rms/ppm



reg_asym_dsl.rms/ppm



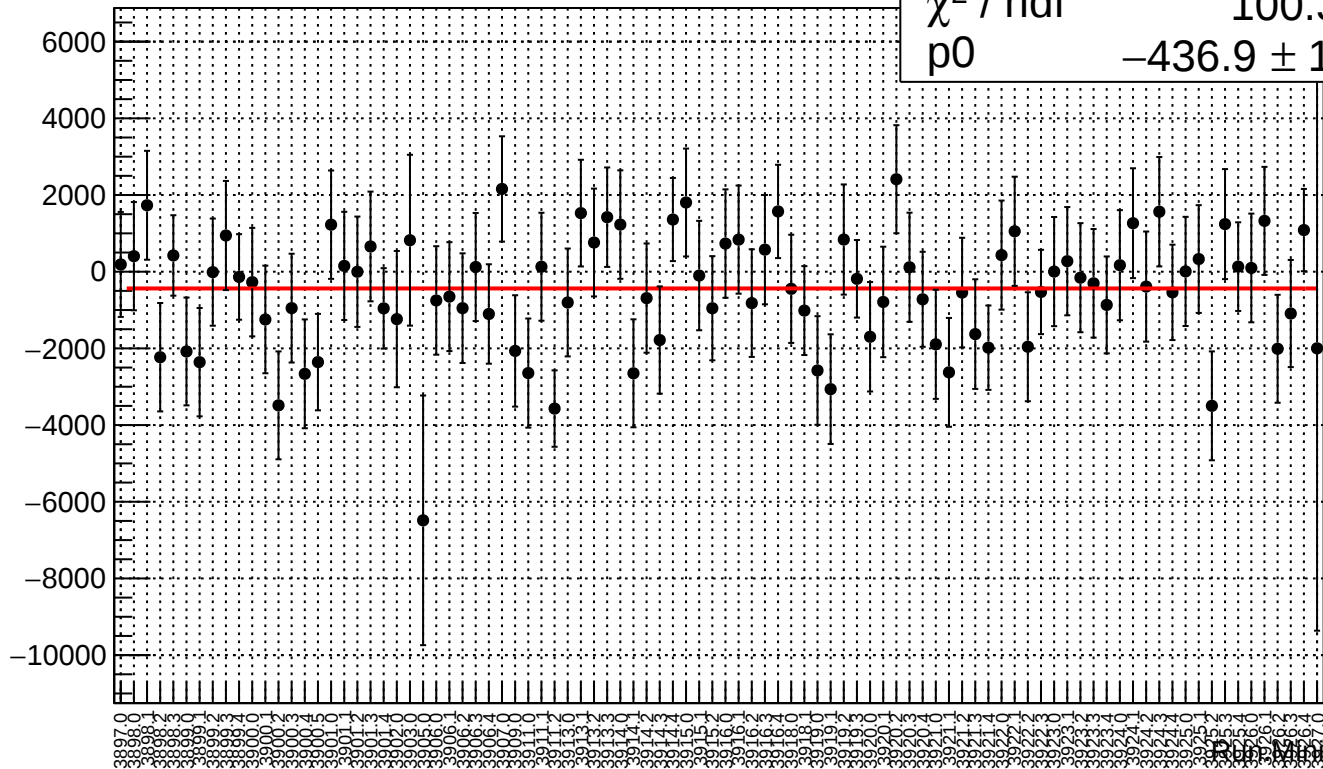
reg_asym_dsr.mean/ppb

χ^2 / ndf

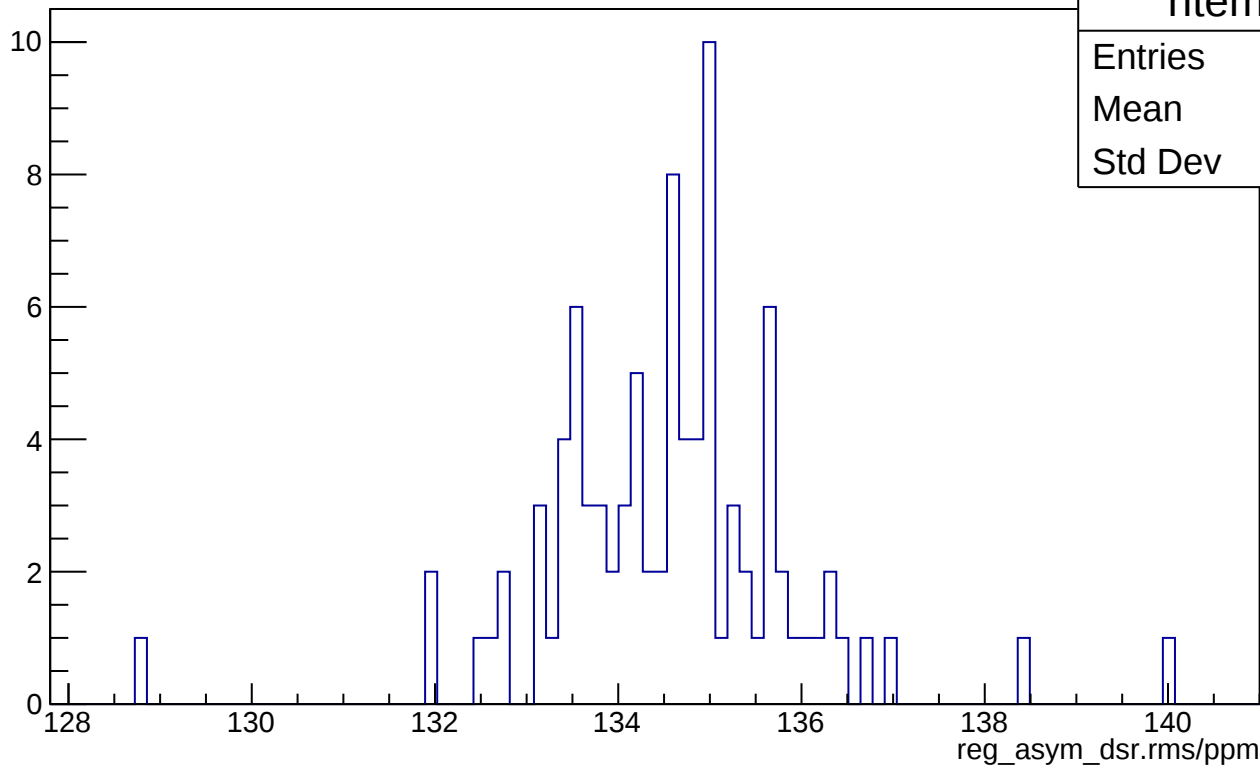
100.3 / 91

p0

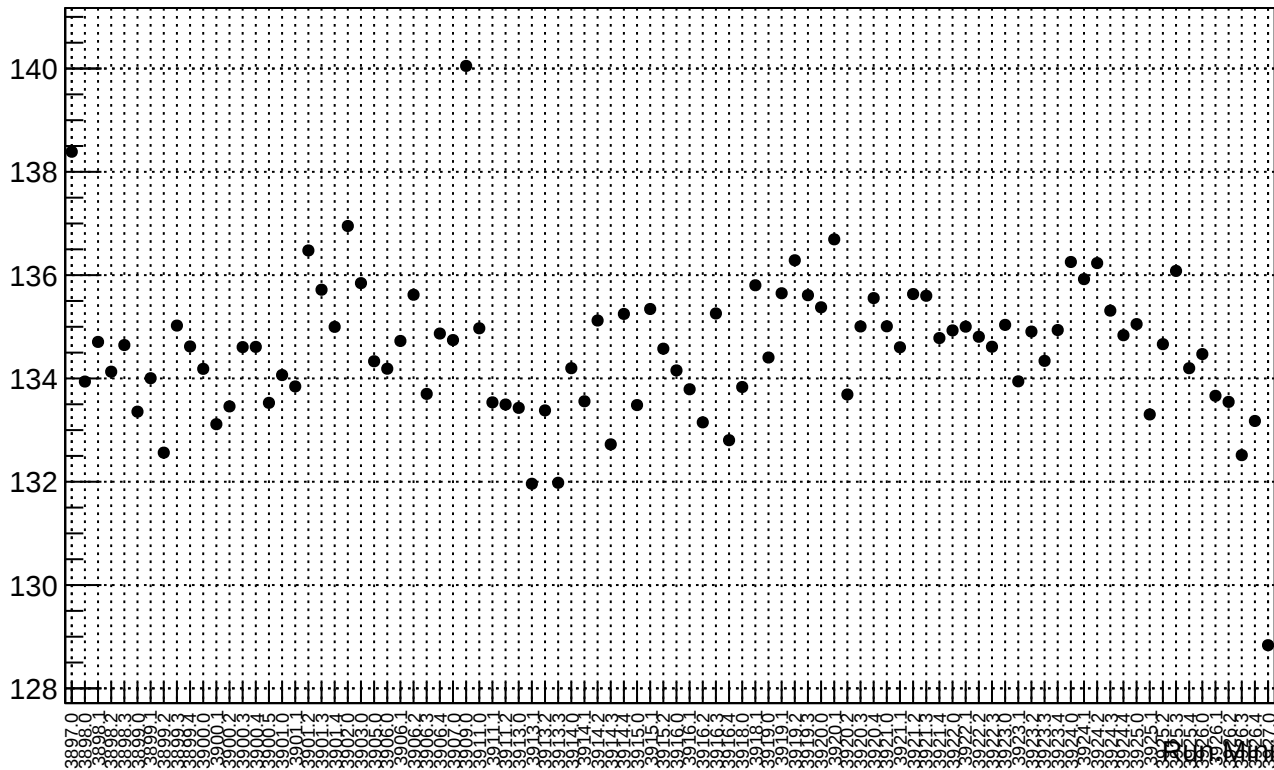
-436.9 ± 142.2



reg_asym_dsr.rms/ppm



reg_asym_dsr.rms/ppm



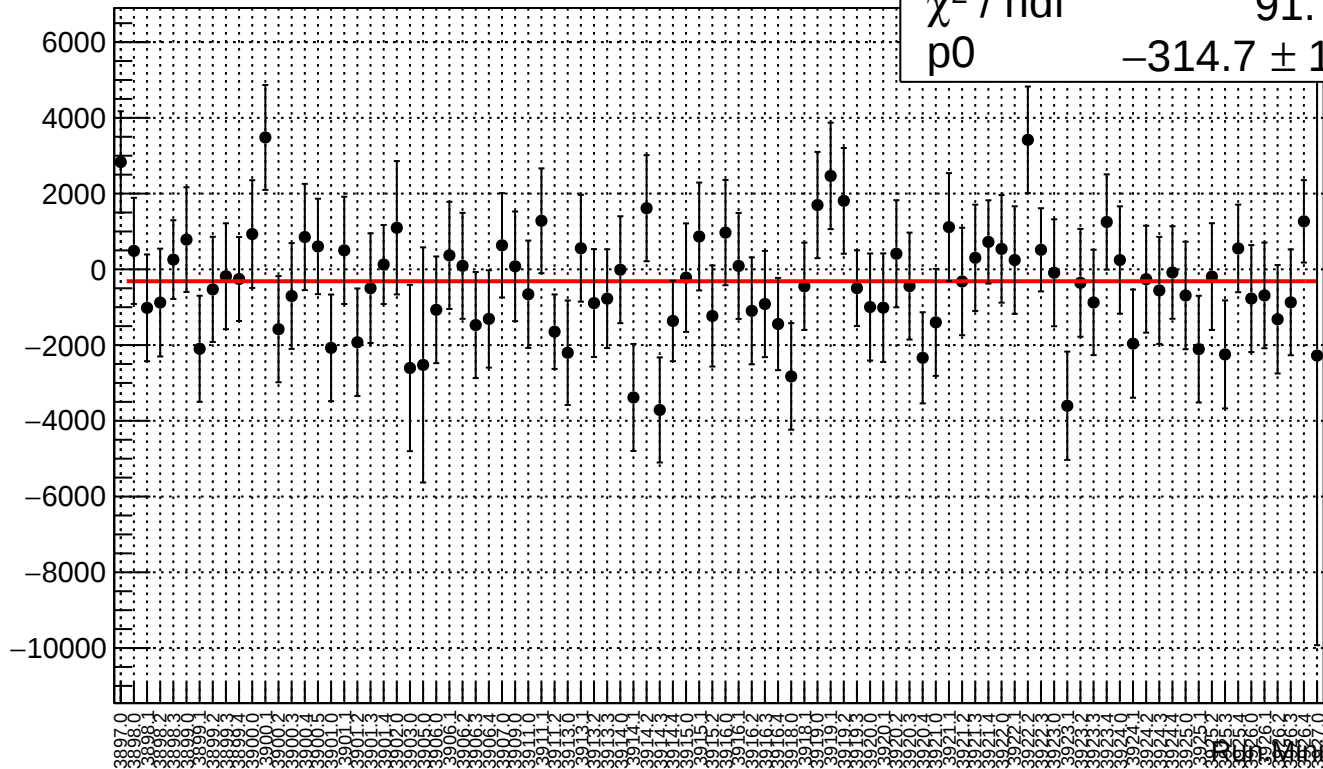
reg_asym_left_avg.mean/ppb

χ^2 / ndf

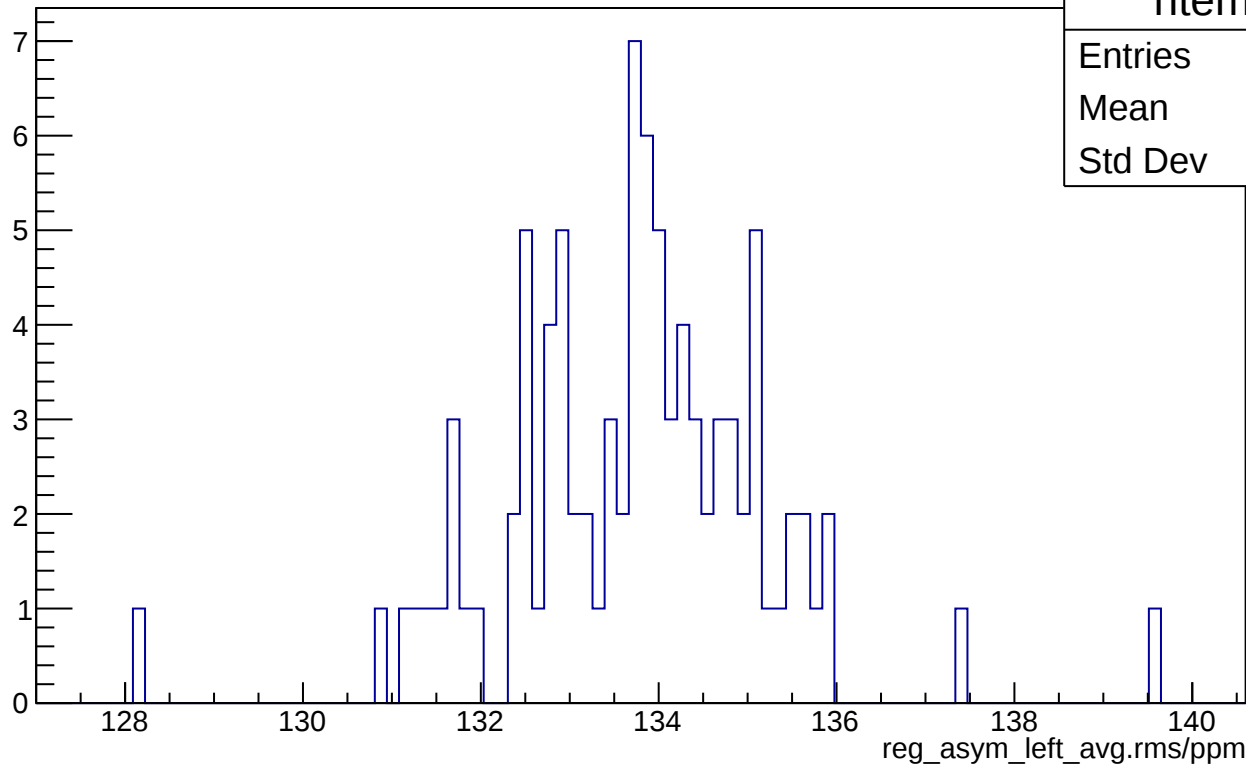
91.7 / 91

p0

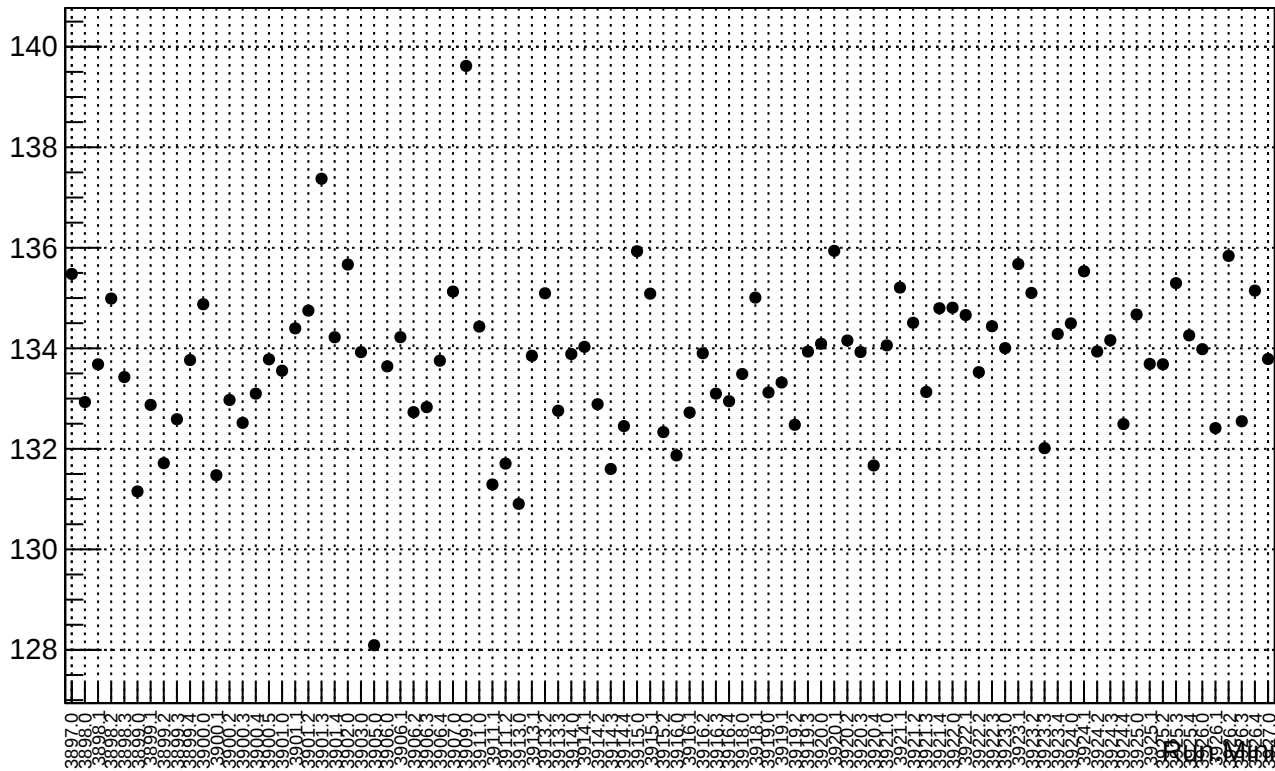
-314.7 ± 141.3



reg_asym_left_avg.rms/ppm



reg_asym_left_avg.rms/ppm



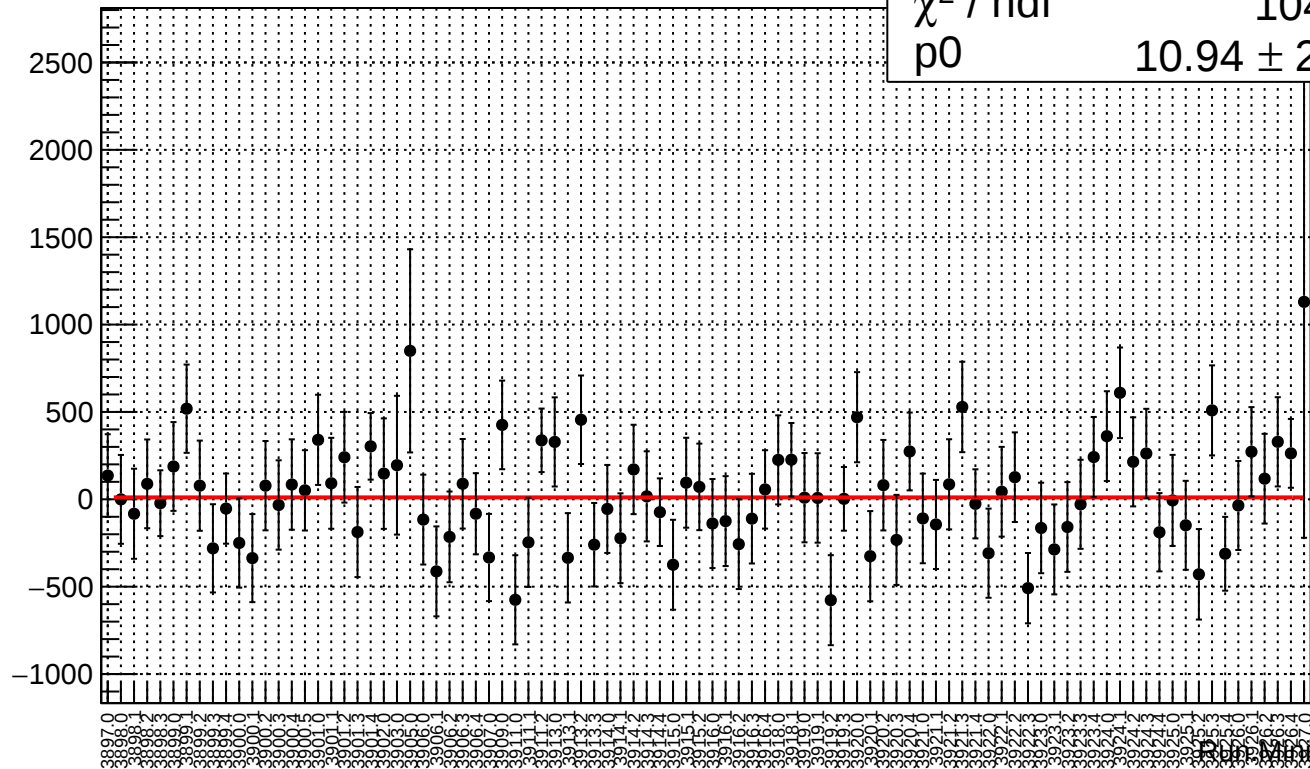
reg_asym_left_dd.mean/ppb

χ^2 / ndf

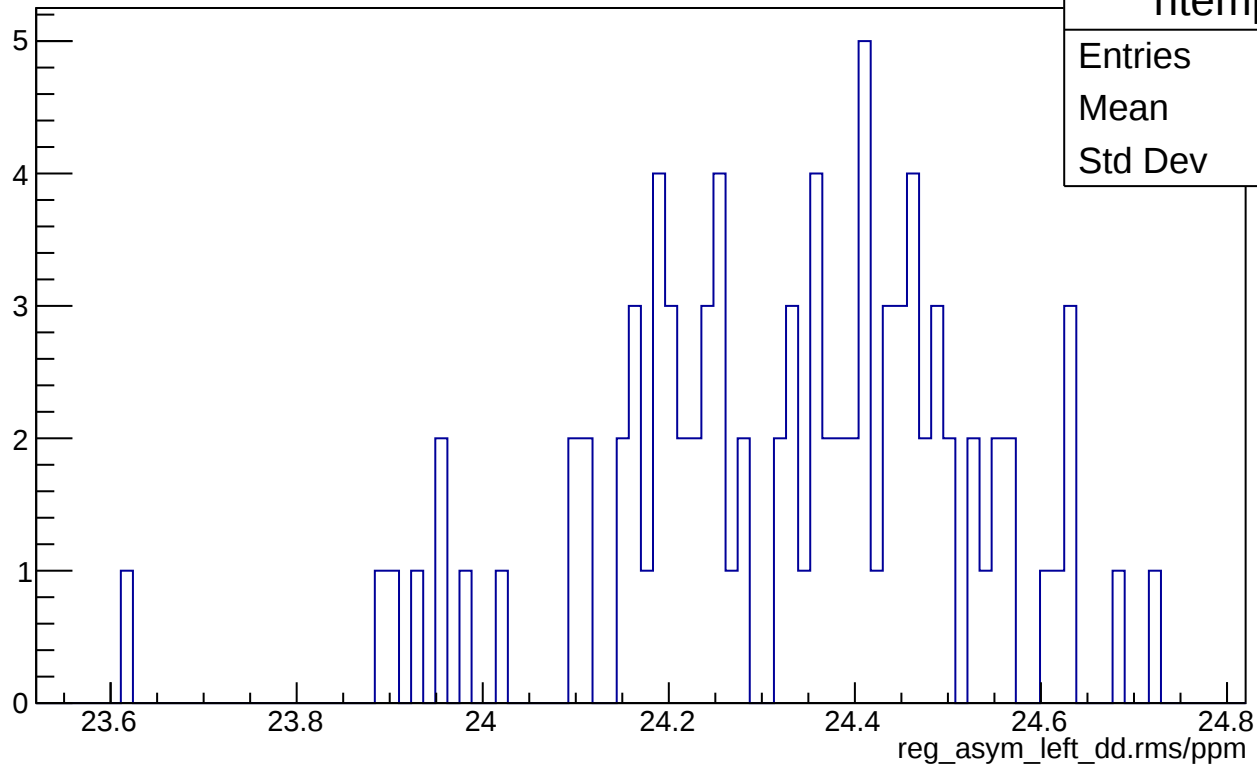
104 / 91

p0

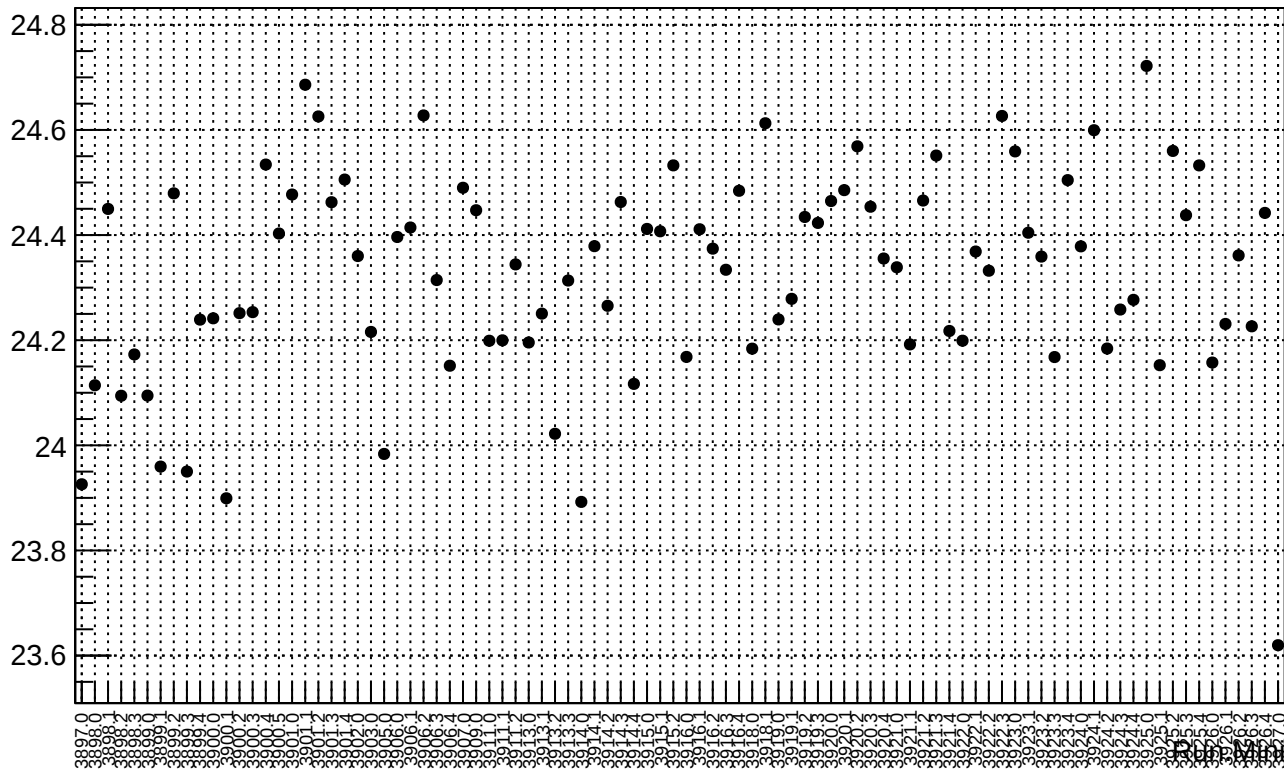
10.94 ± 25.72

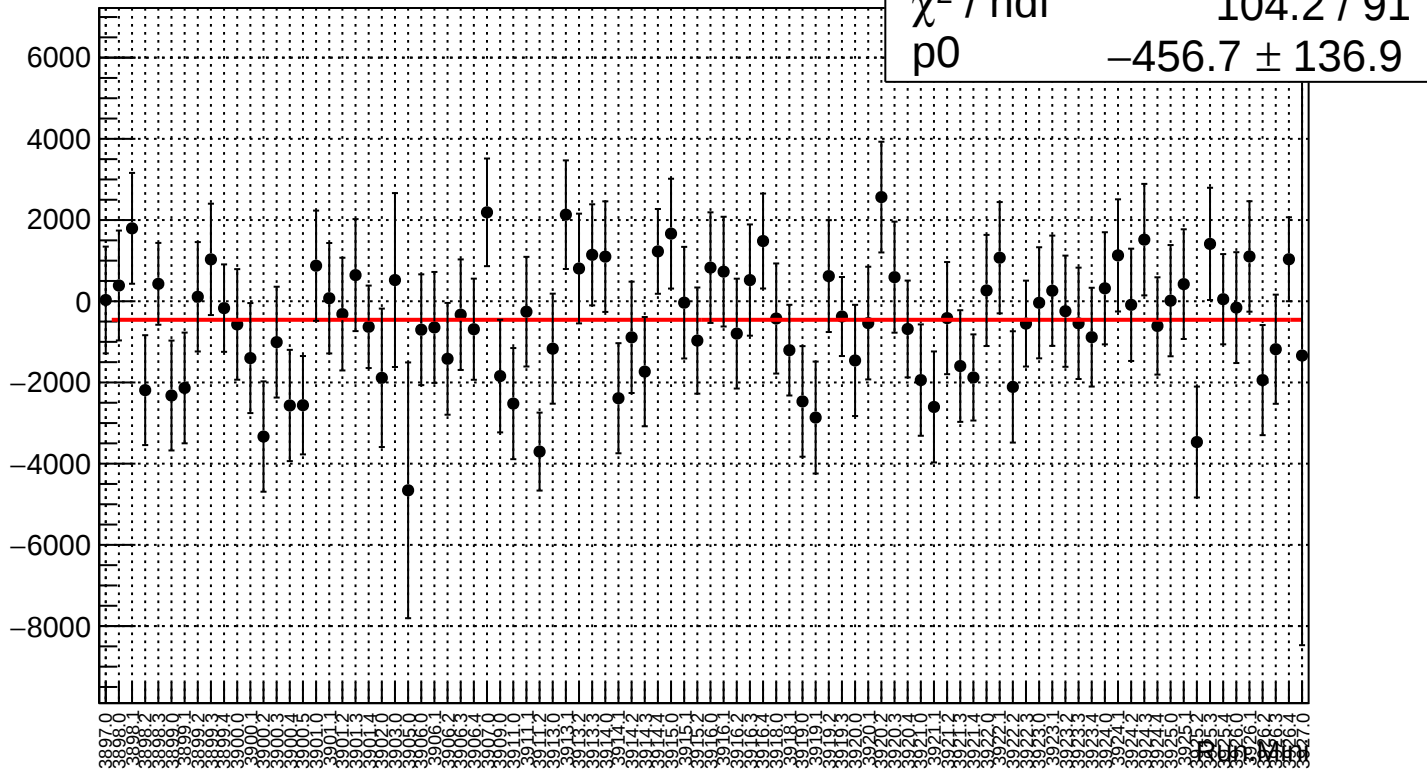


reg_asym_left_dd.rms/ppm

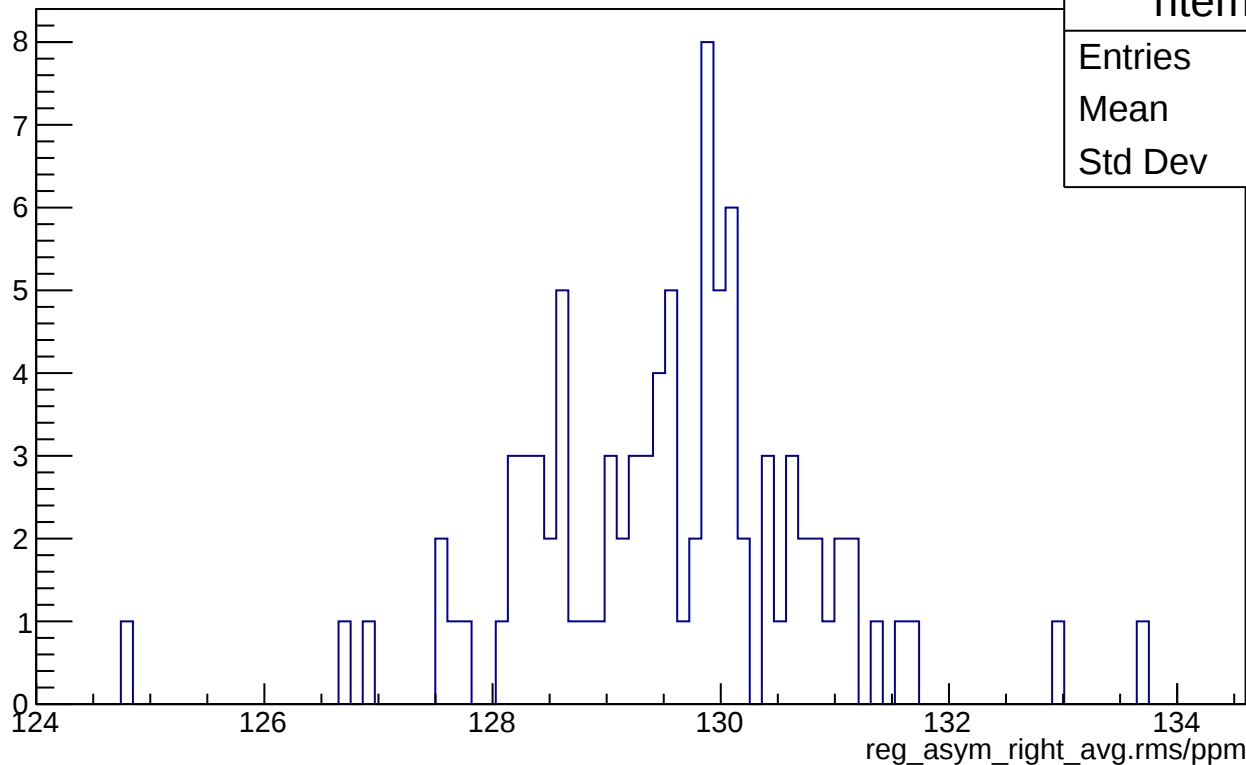


reg_asym_left_dd.rms/ppm

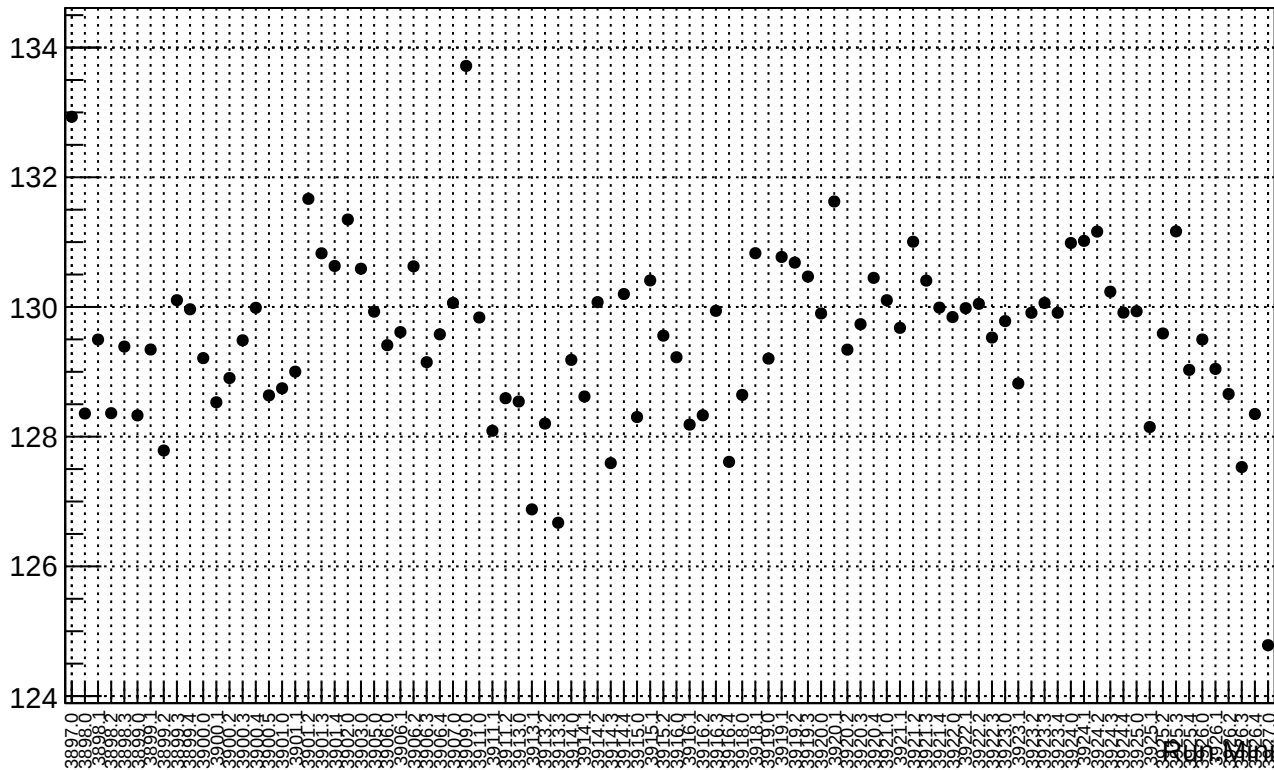


$$-456.7 \pm 136.9$$


reg_asym_right_avg.rms/ppm



reg_asym_right_avg.rms/ppm



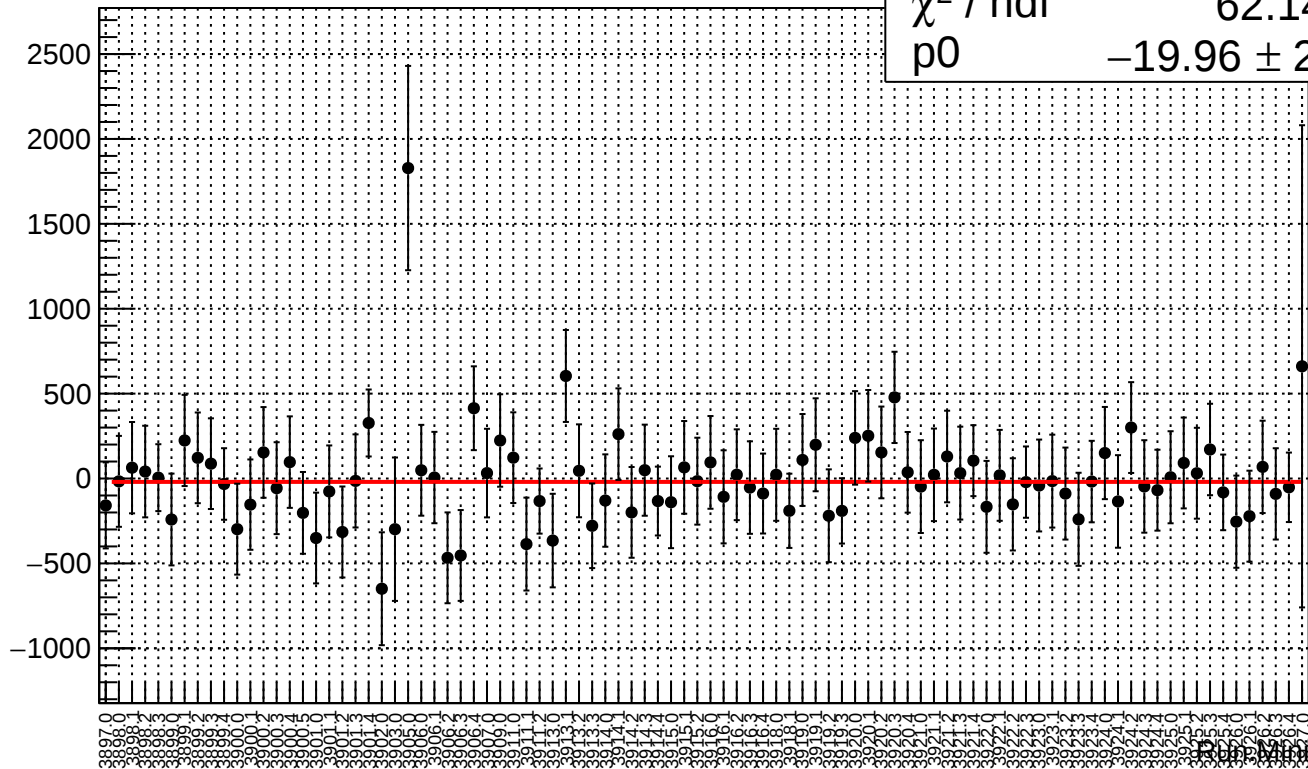
reg_asym_right_dd.mean/ppb

χ^2 / ndf

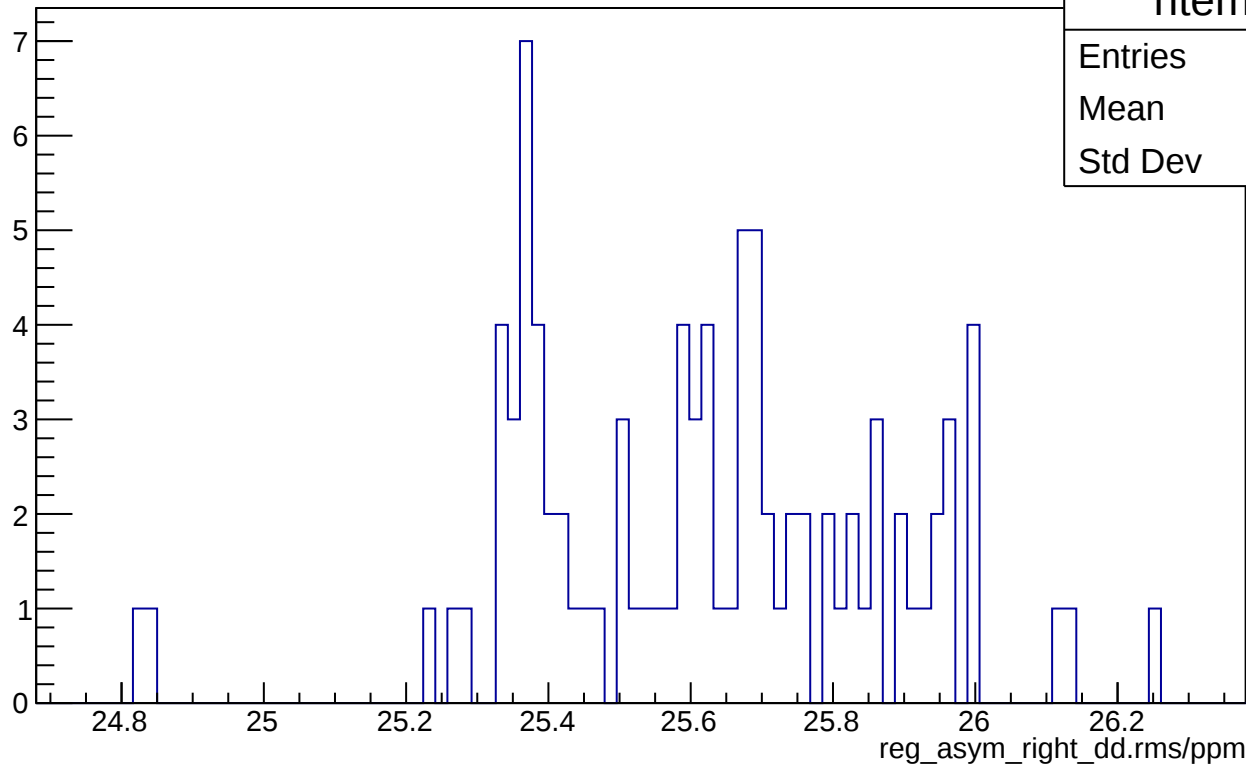
62.14 / 91

p0

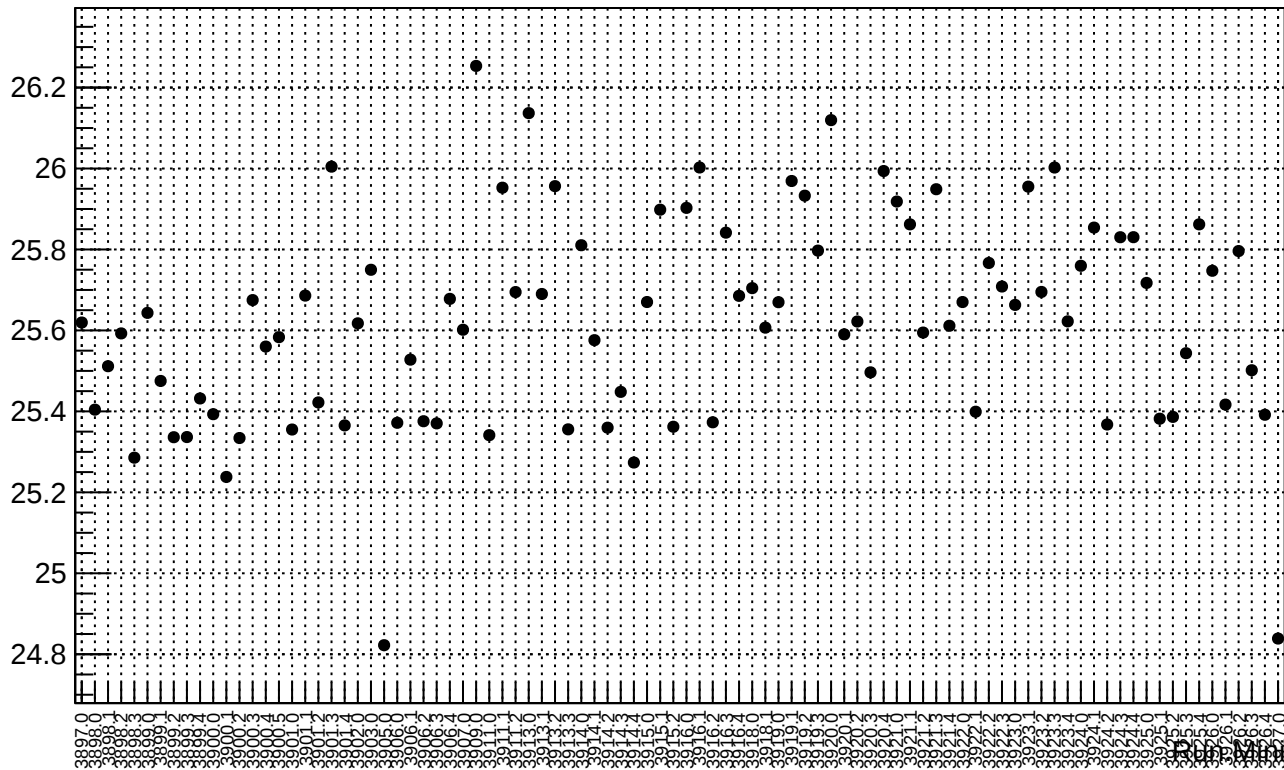
-19.96 ± 27.08



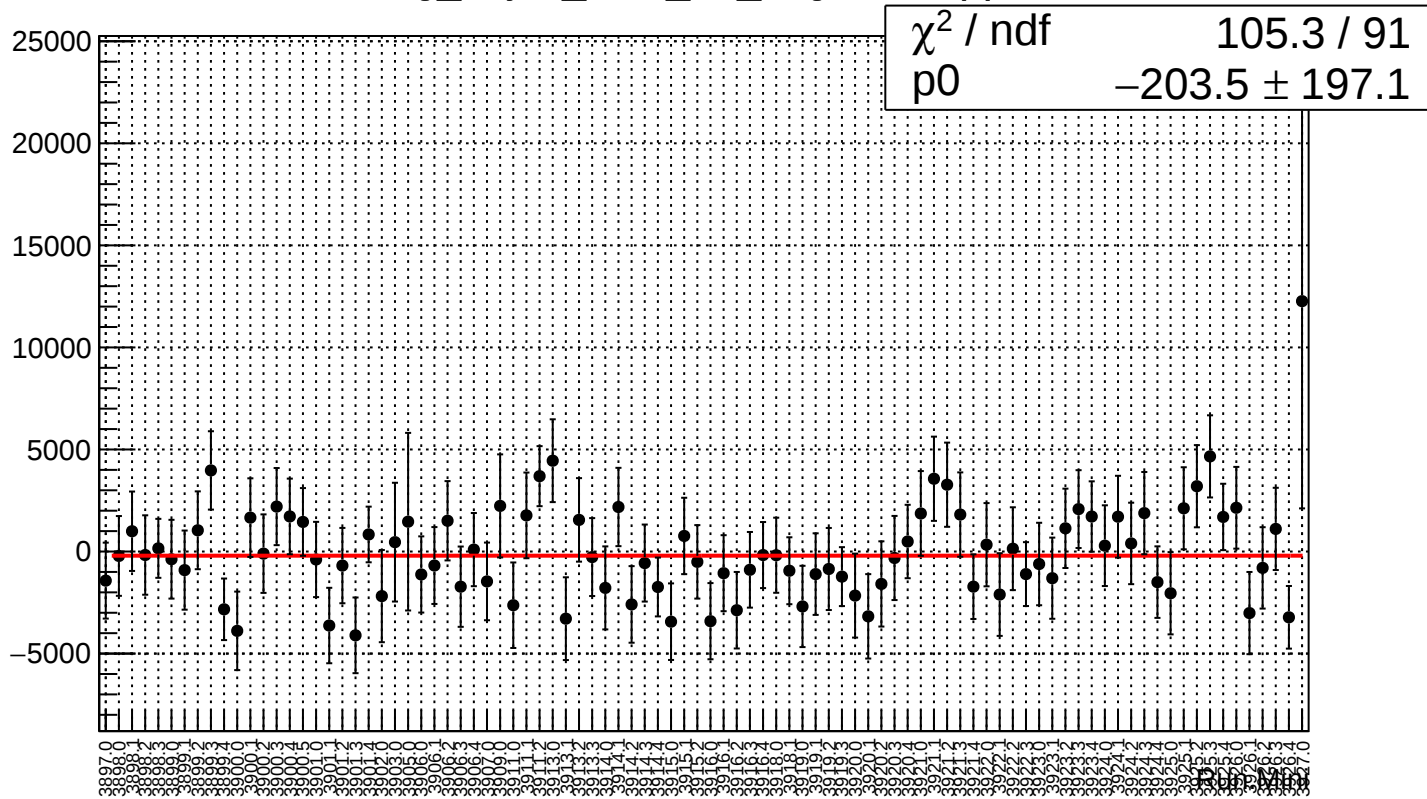
reg_asym_right_dd.rms/ppm



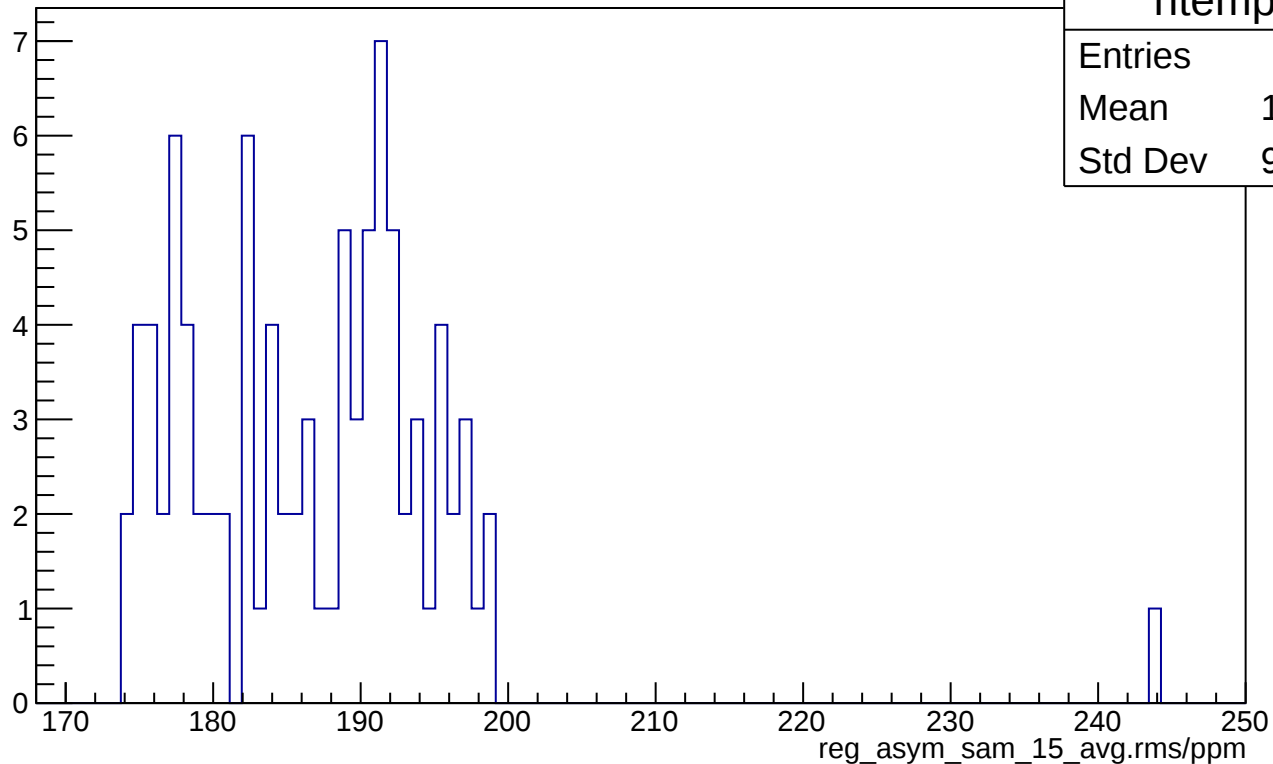
reg_asym_right_dd.rms/ppm



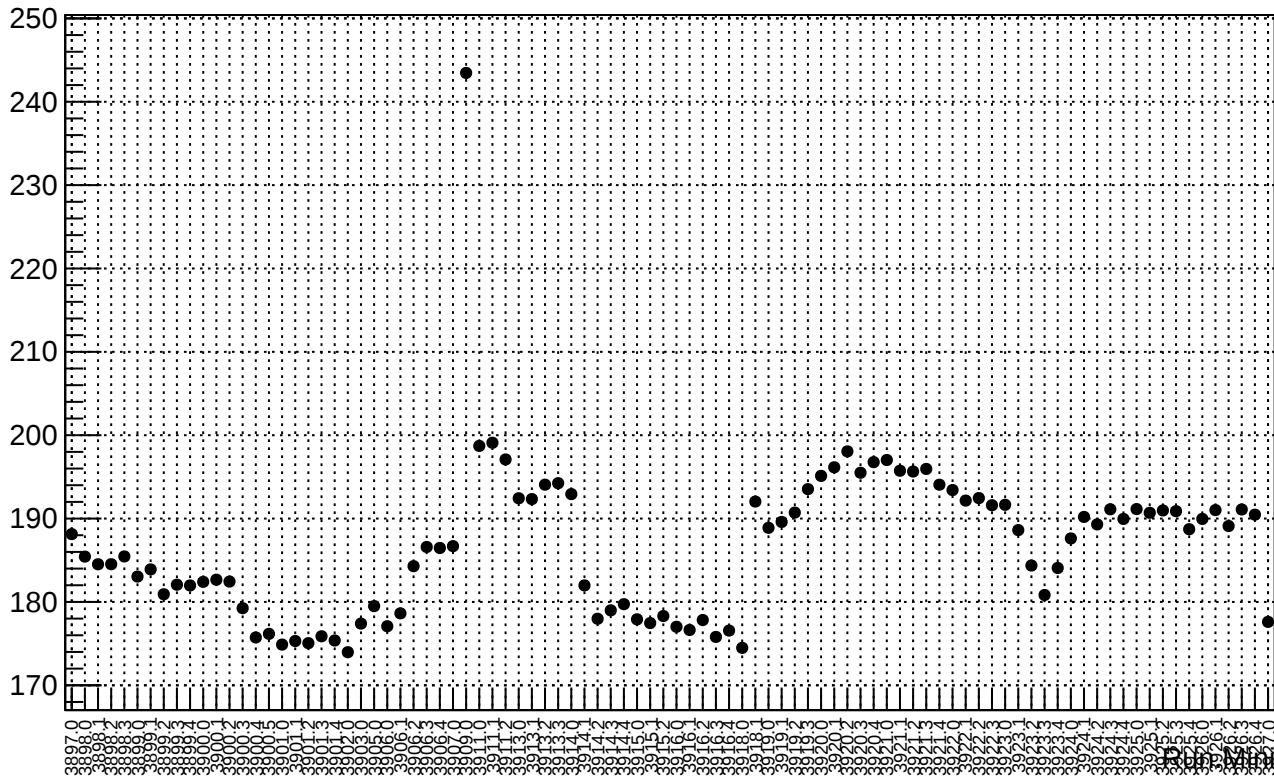
reg_asym_sam_15_avg.mean/ppb



reg_asym_sam_15_avg.rms/ppm



reg_asym_sam_15_avg.rms/ppm



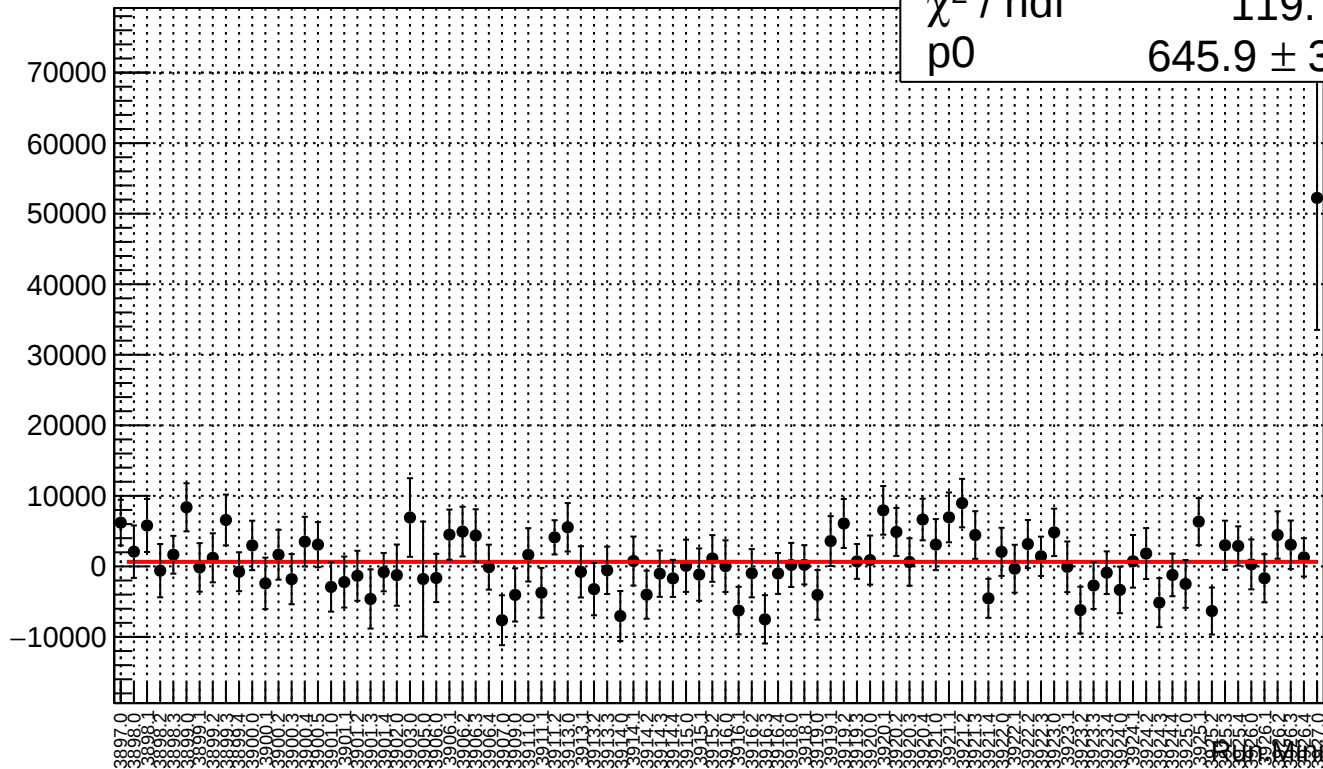
reg_asym_sam_15_dd.mean/ppb

χ^2 / ndf

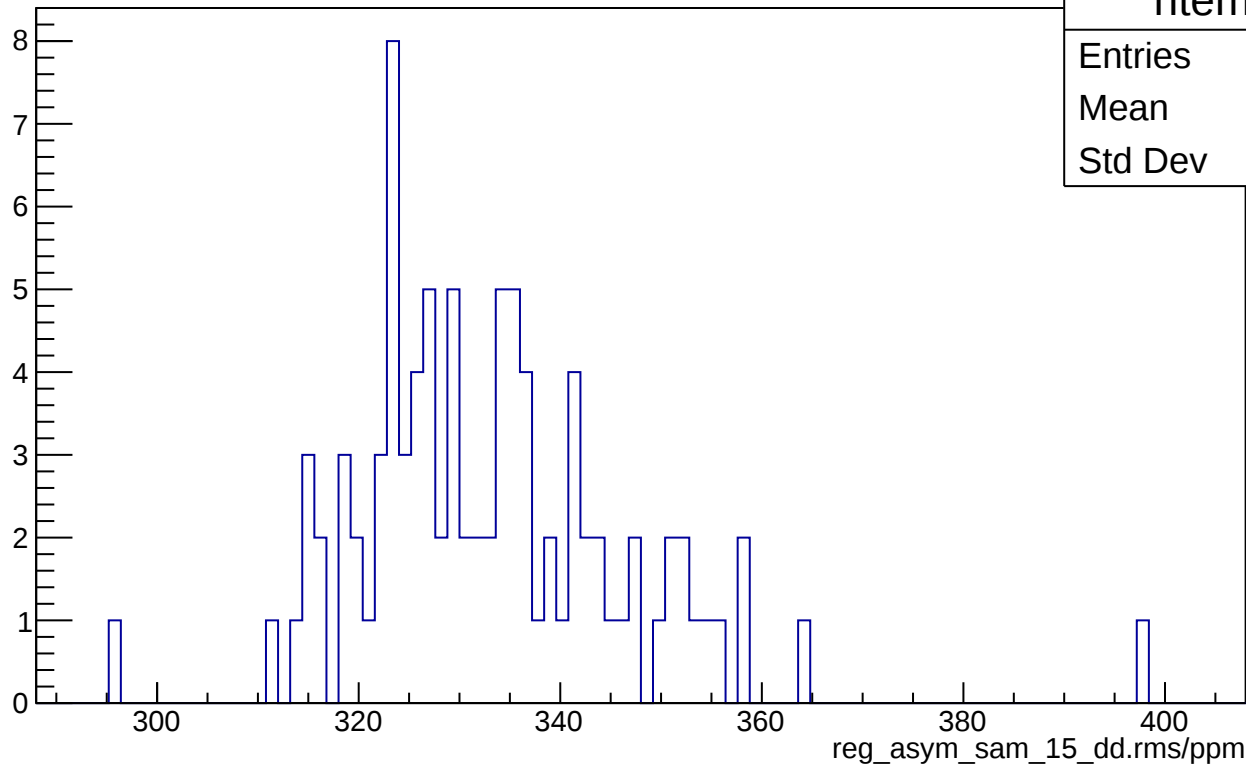
119.7 / 91

p0

645.9 ± 351.2



reg_asym_sam_15_dd.rms/ppm



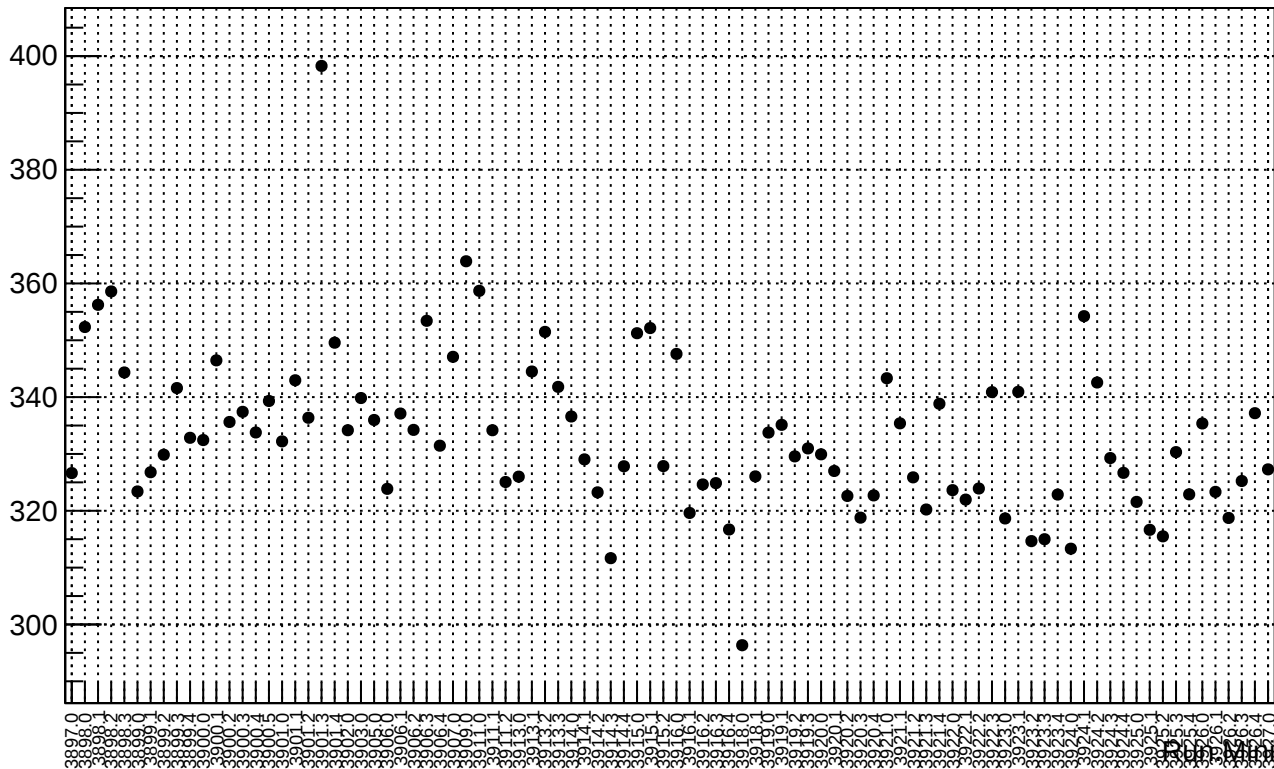
htemp

Entries 92

Mean 333.2

Std Dev 13.93

reg_asym_sam_15_dd.rms/ppm



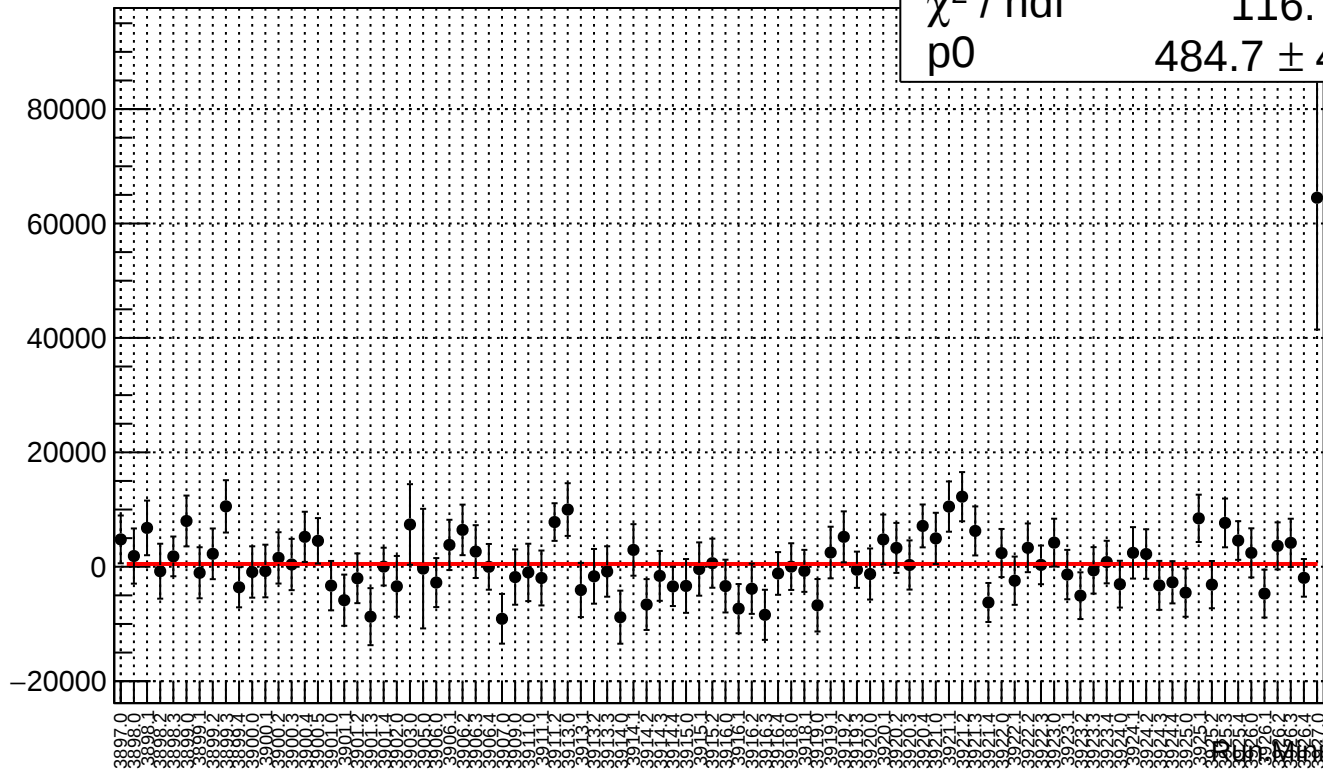
reg_asym_sam1.mean/ppb

χ^2 / ndf

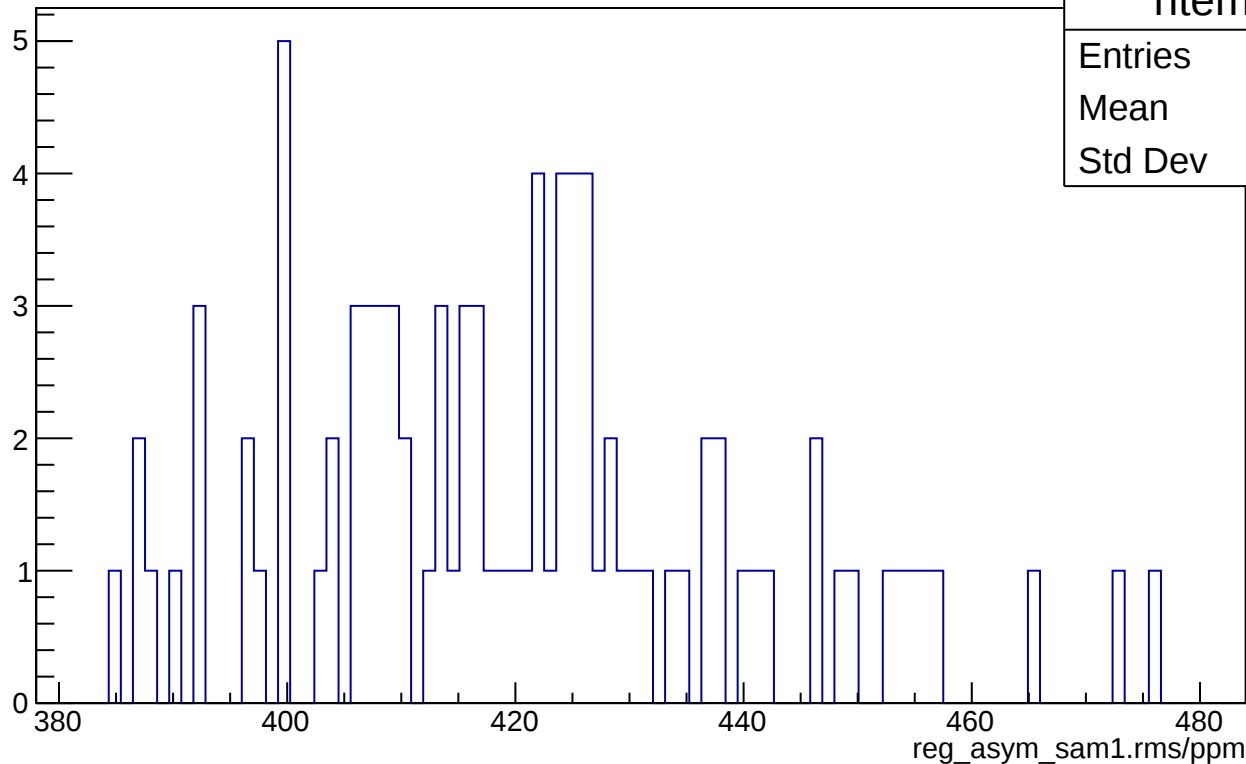
116.7 / 91

p0

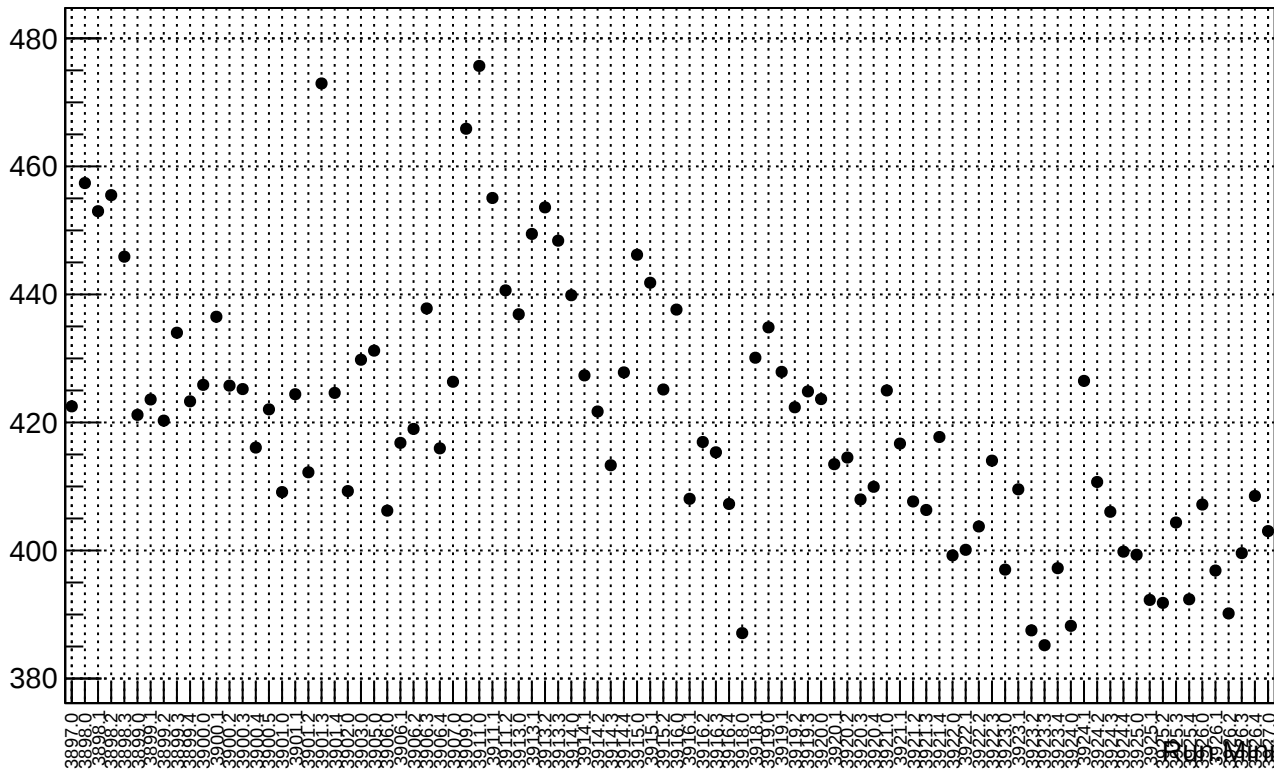
484.7 ± 443.1



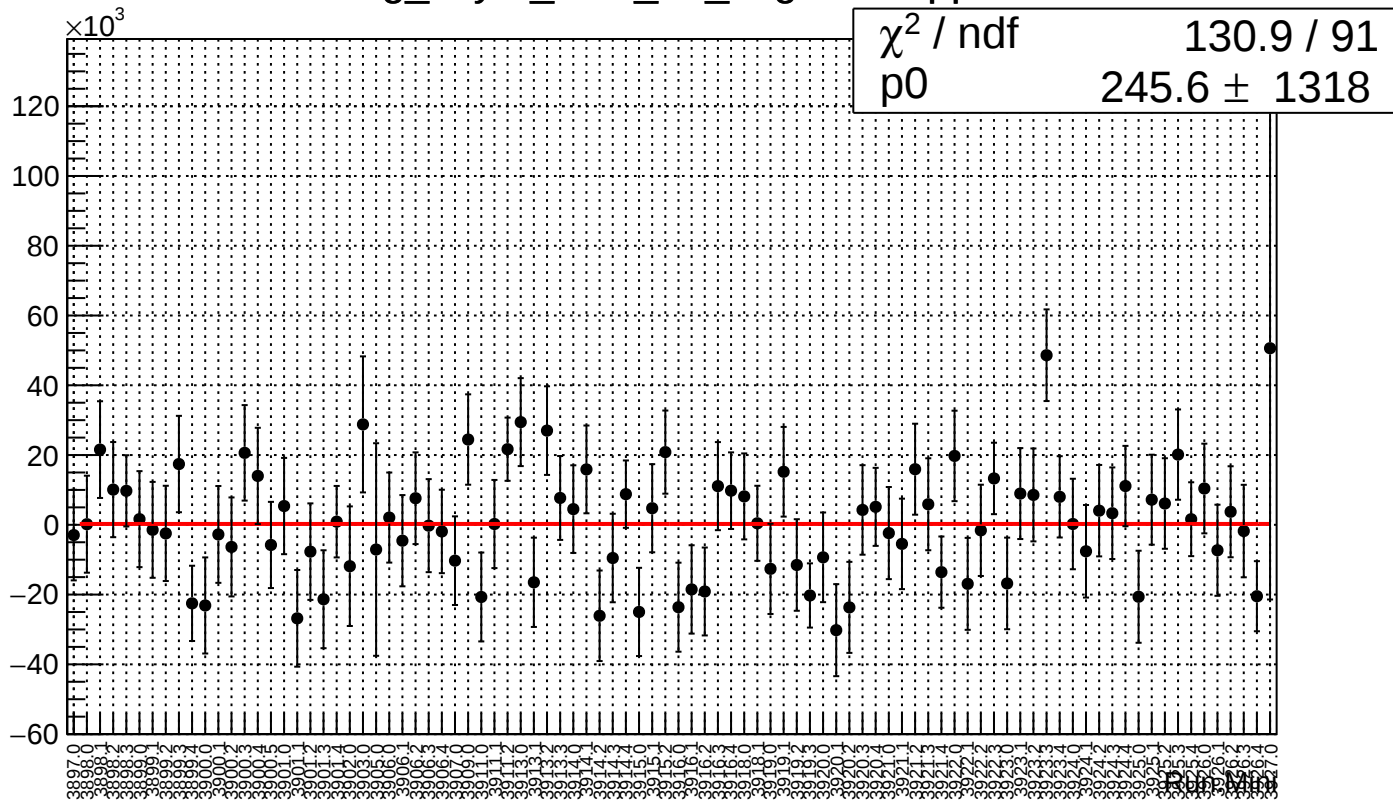
reg_asym_sam1.rms/ppm



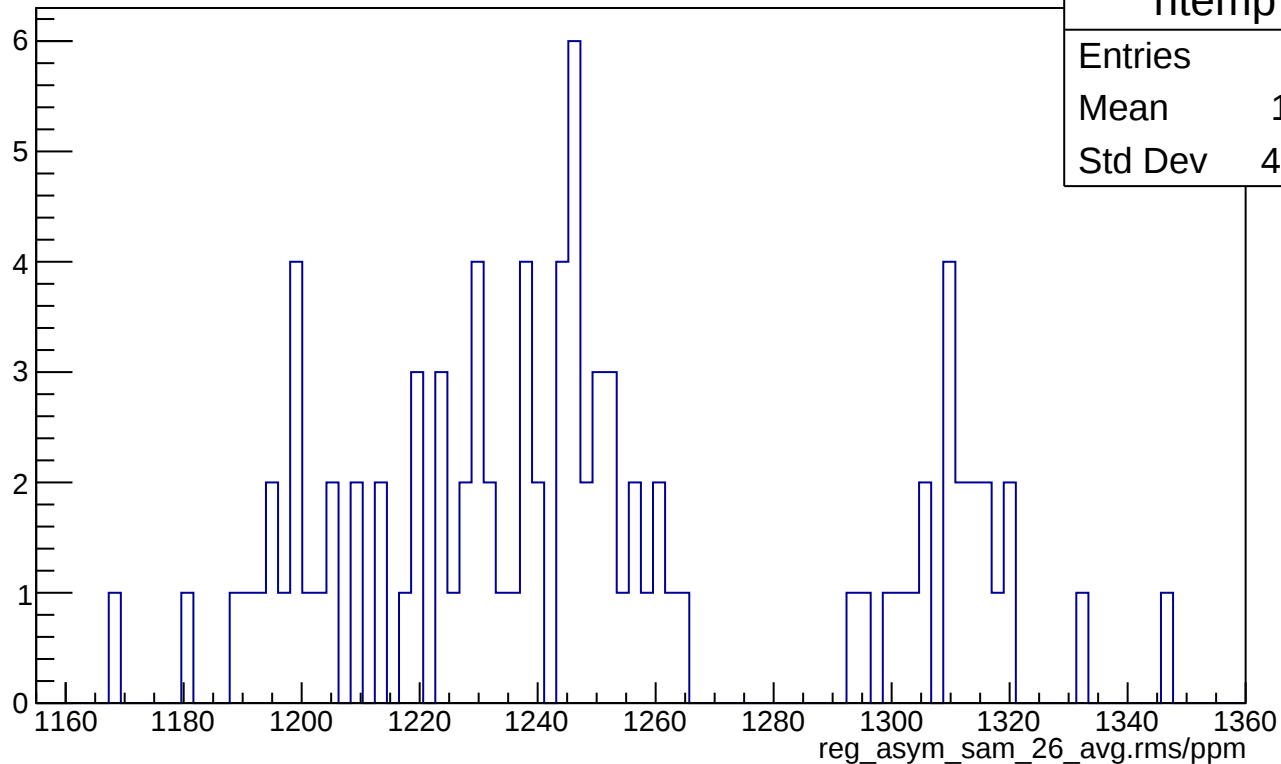
reg_asym_sam1.rms/ppm



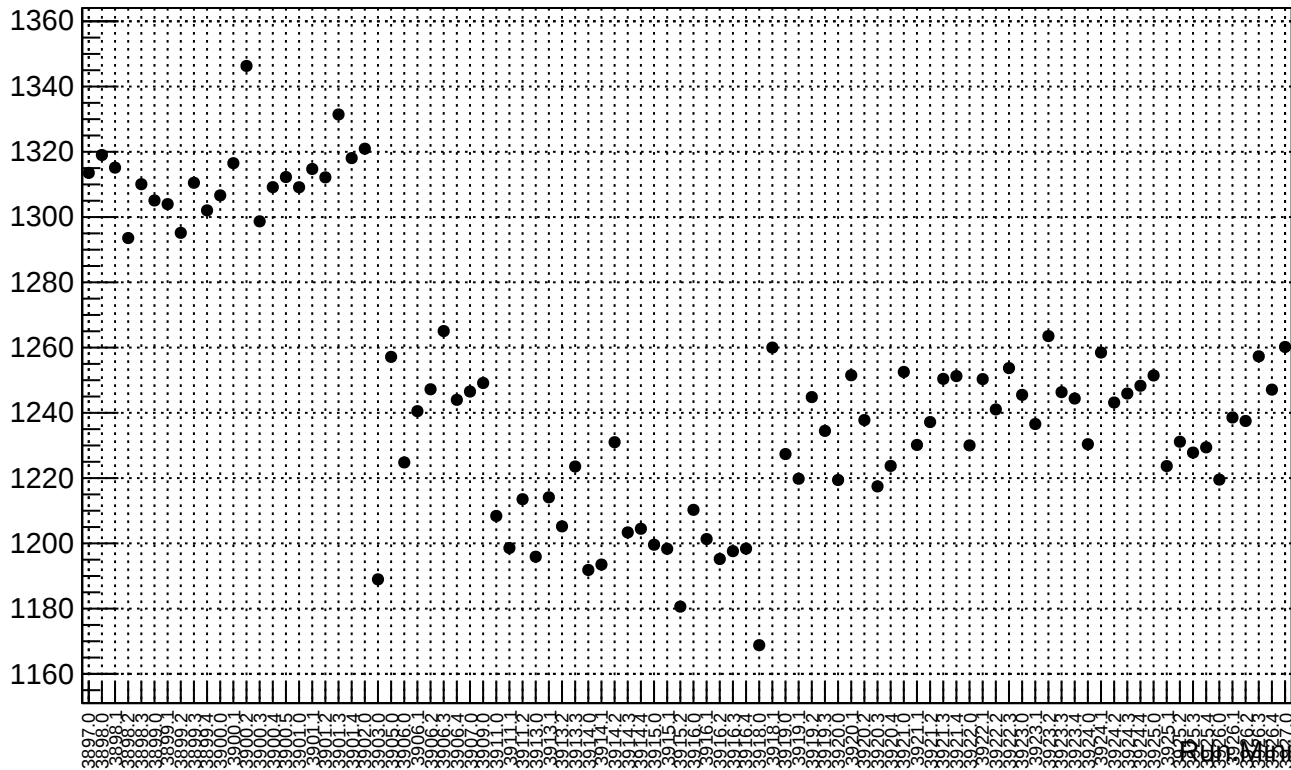
reg_asym_sam_26_avg.mean/ppb



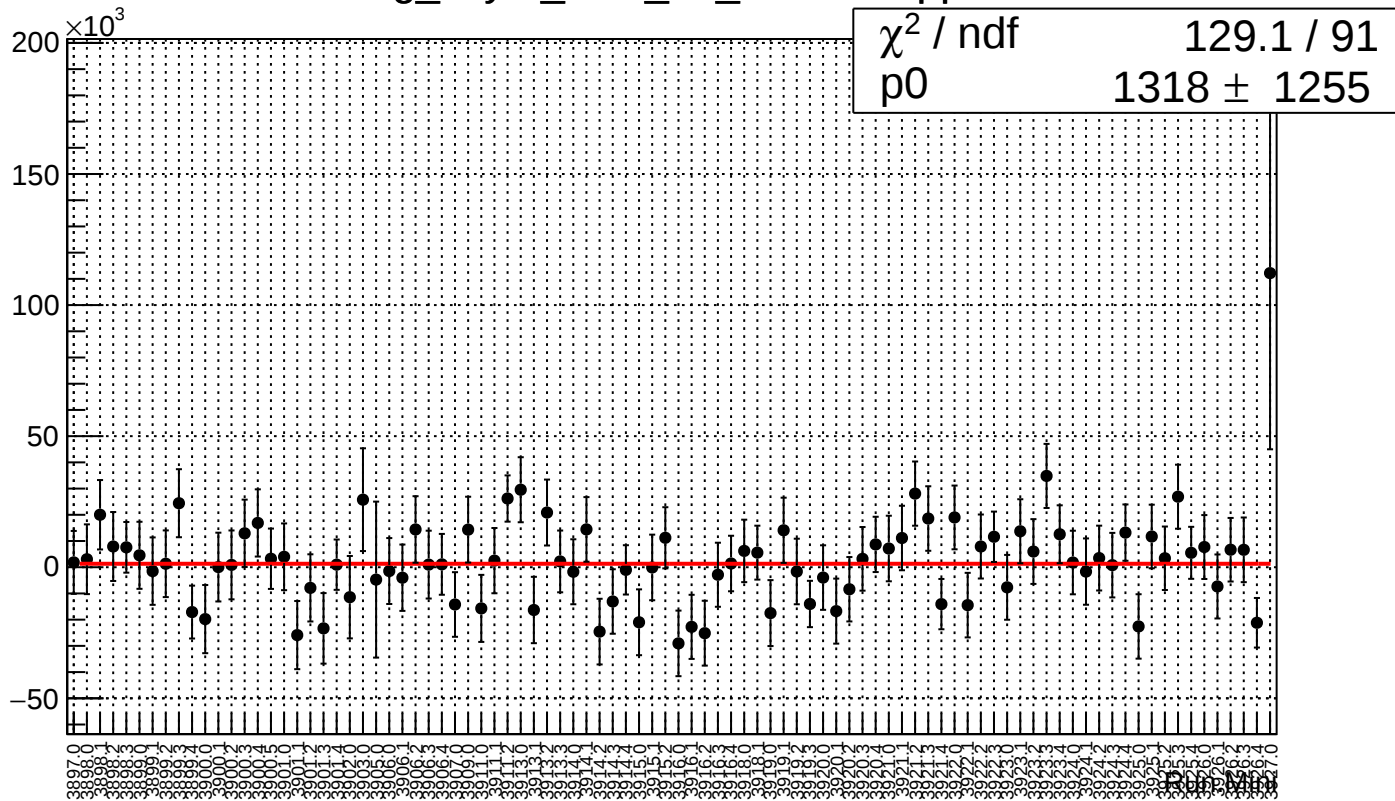
reg_asym_sam_26_avg.rms/ppm



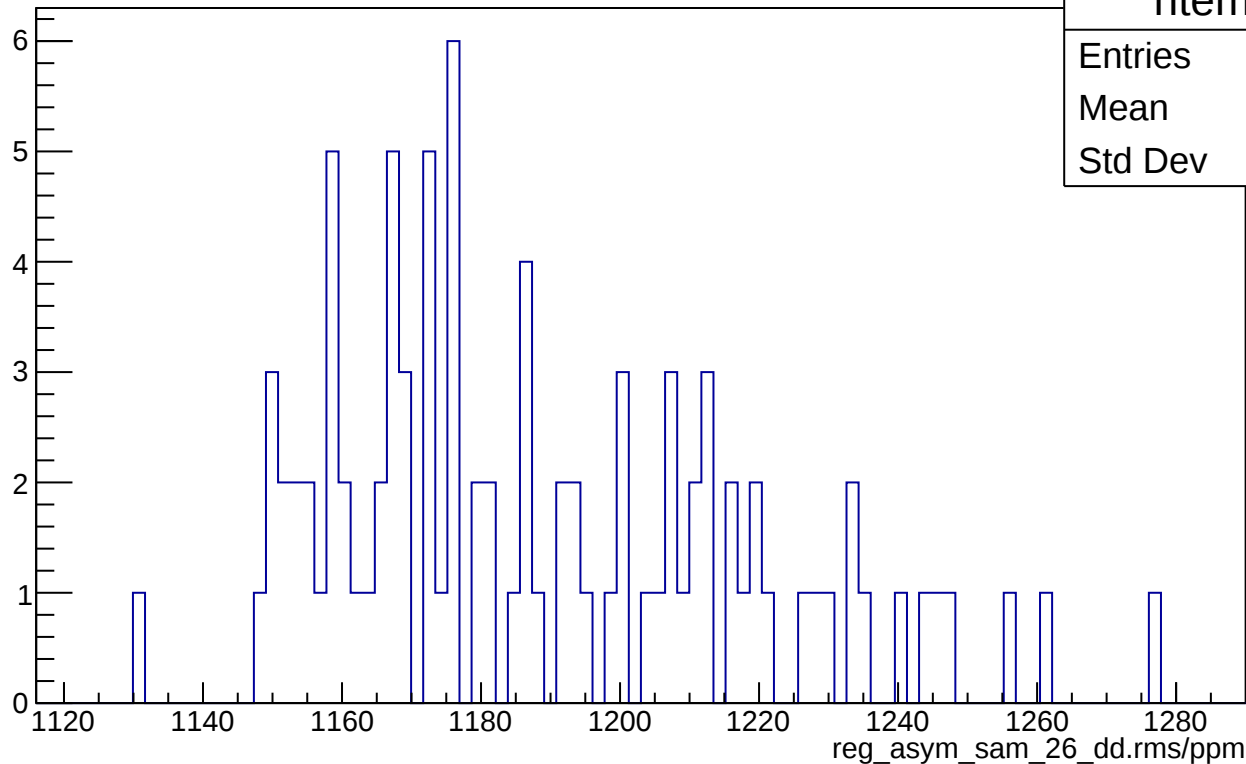
reg_asym_sam_26_avg.rms/ppm



reg_asym_sam_26_dd.mean/ppb



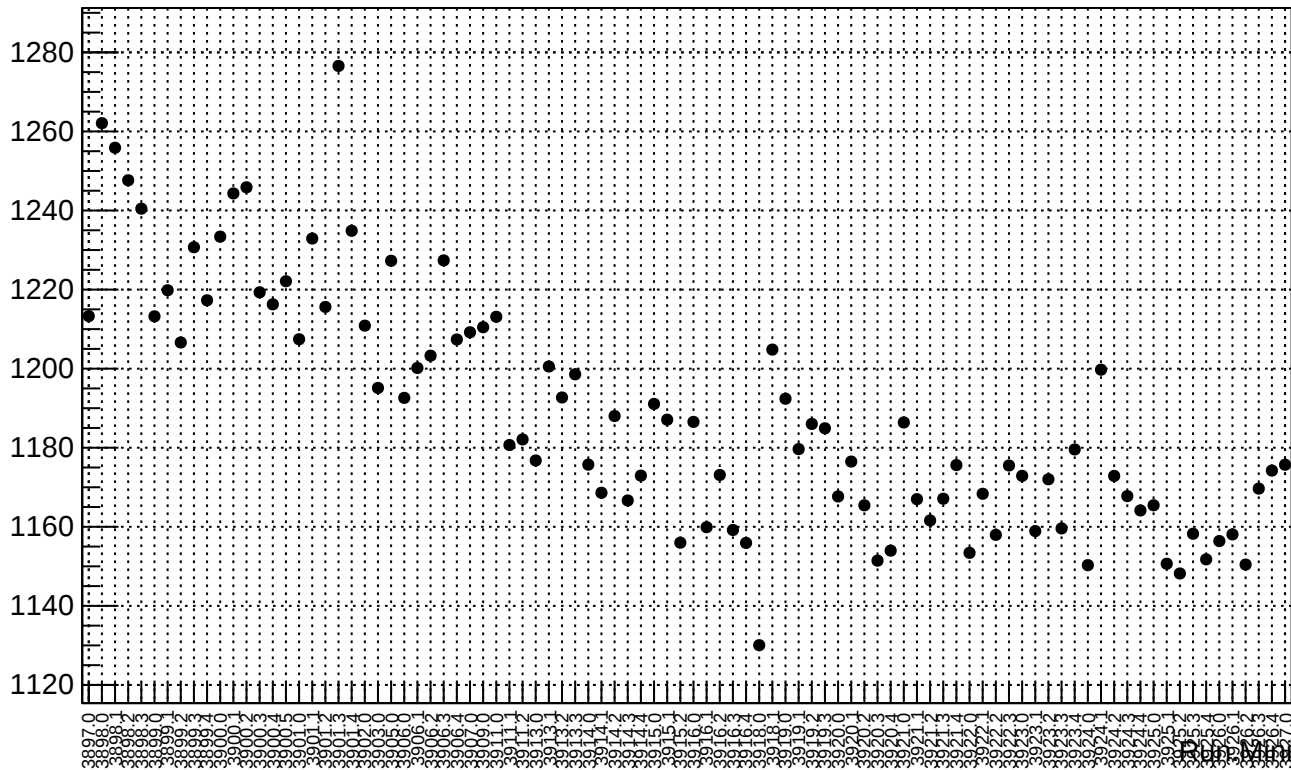
reg_asym_sam_26_dd.rms/ppm



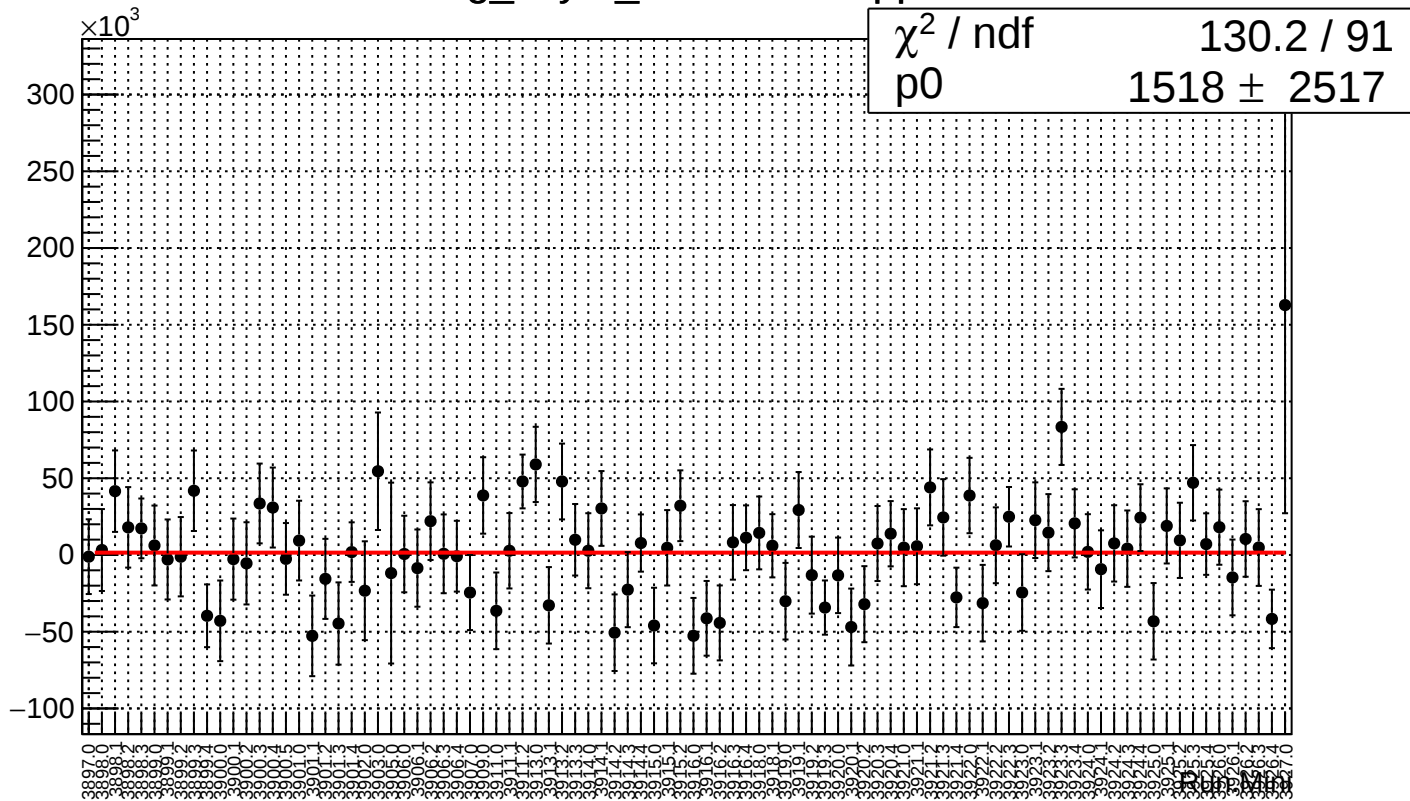
htemp

Entries	92
Mean	1189
Std Dev	30.27

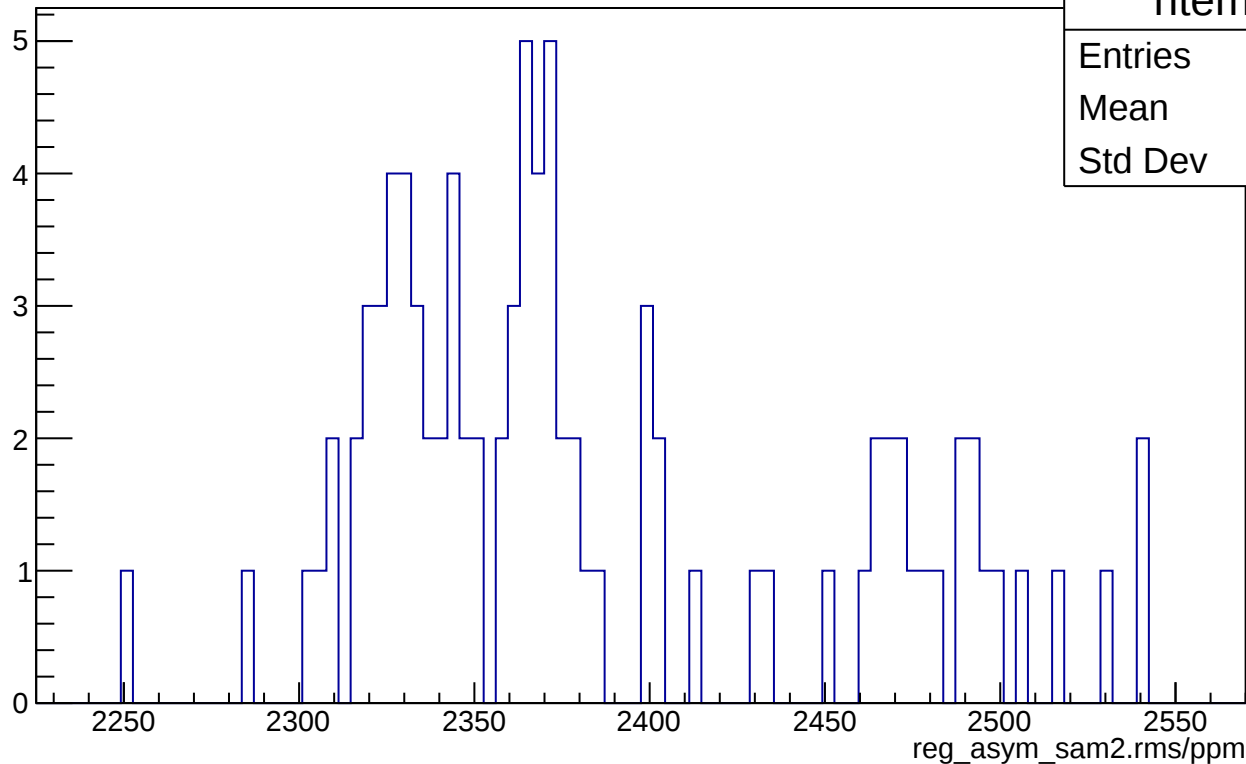
reg_asym_sam_26_dd.rms/ppm



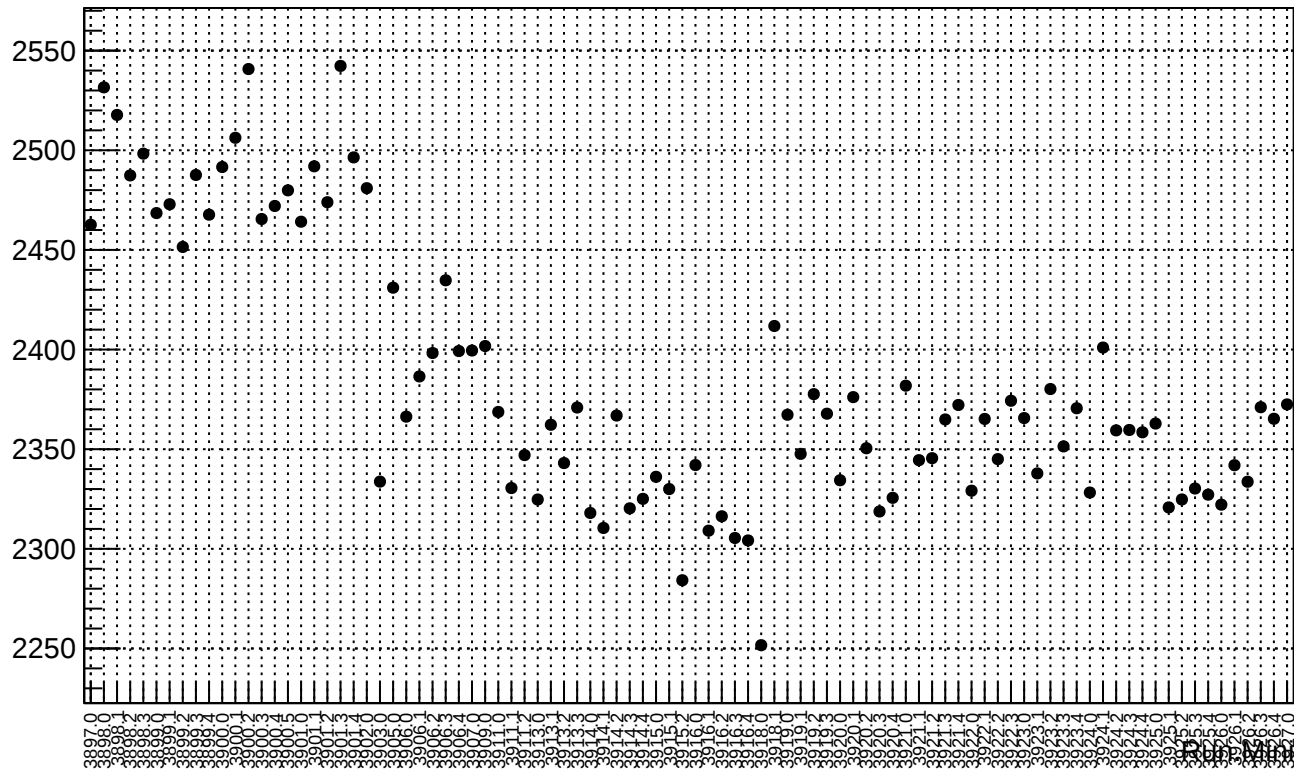
reg_asym_sam2.mean/ppb



reg_asym_sam2.rms/ppm



reg_asym_sam2.rms/ppm



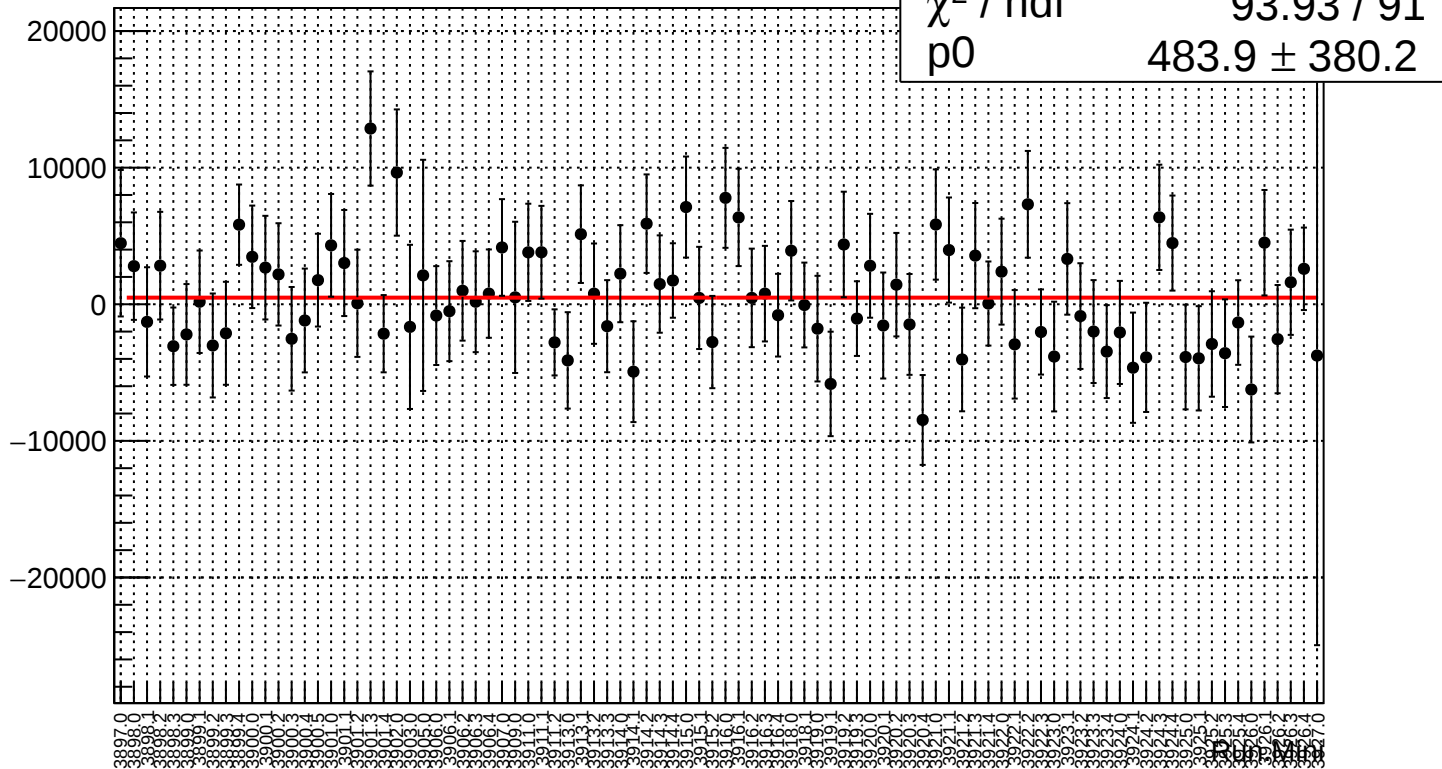
reg_asym_sam_37_avg.mean/ppb

χ^2 / ndf

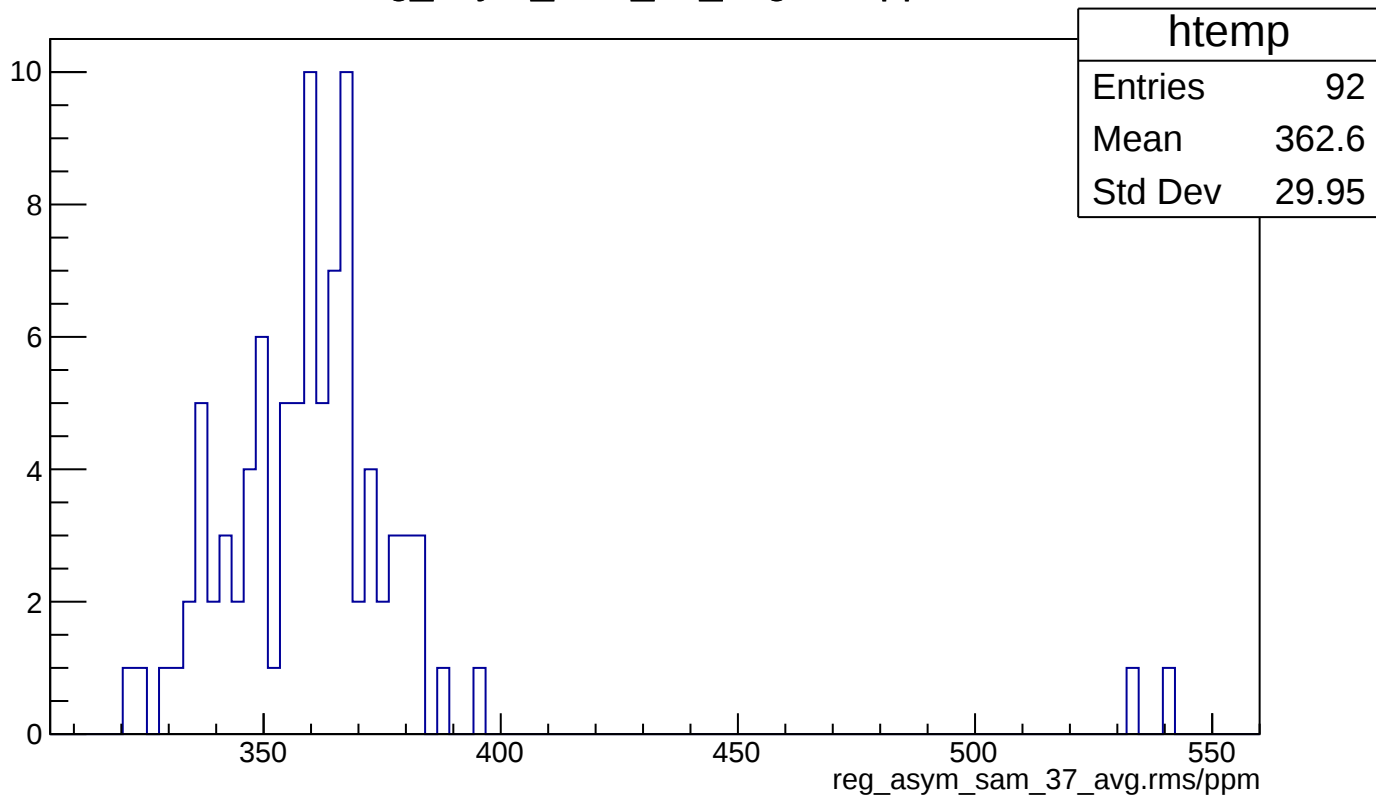
93.93 / 91

p0

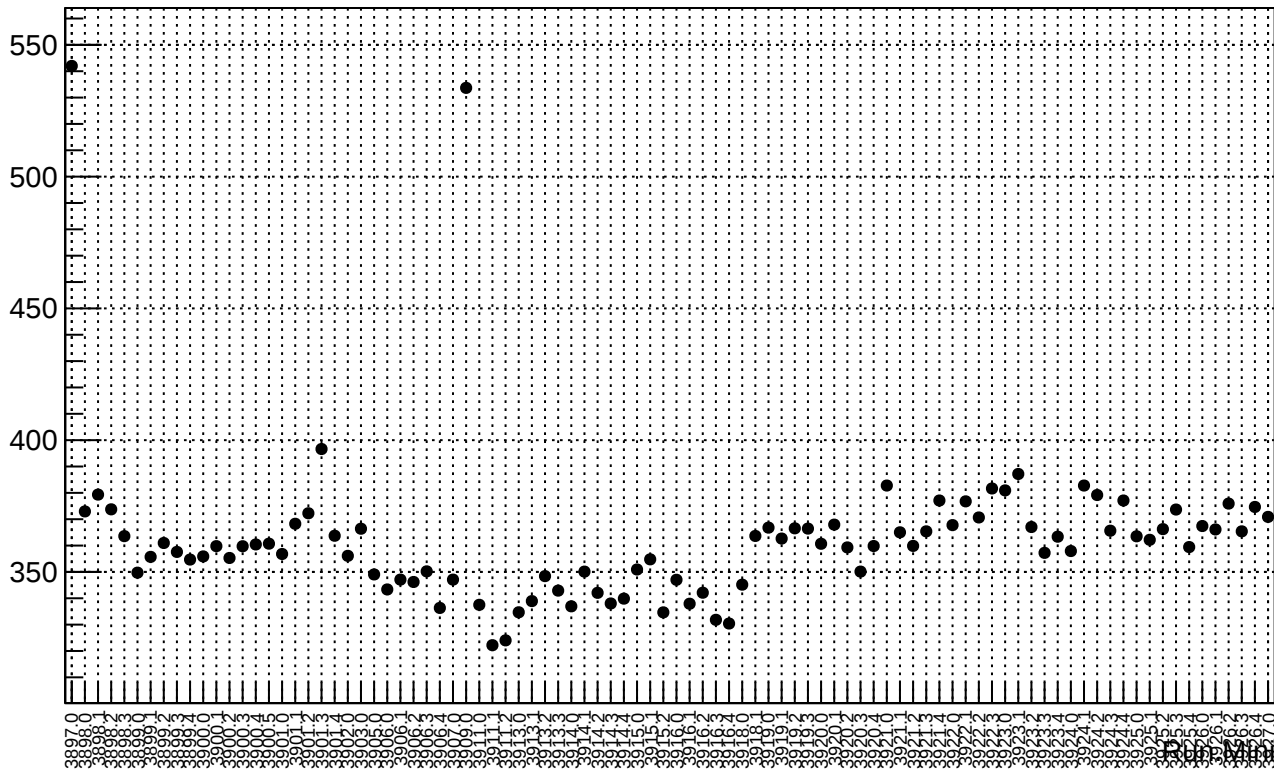
483.9 ± 380.2



reg_asym_sam_37_avg.rms/ppm



reg_asym_sam_37_avg.rms/ppm



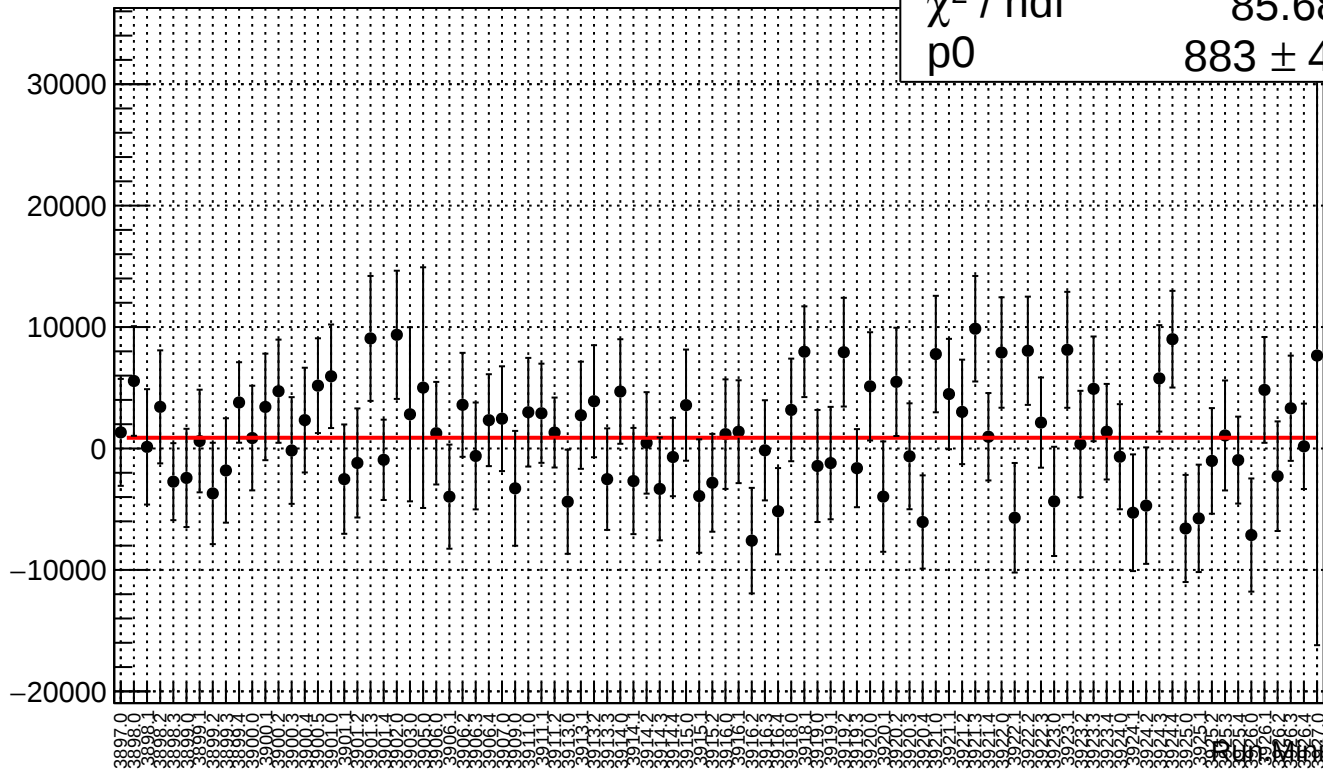
reg_asym_sam_37_dd.mean/ppb

χ^2 / ndf

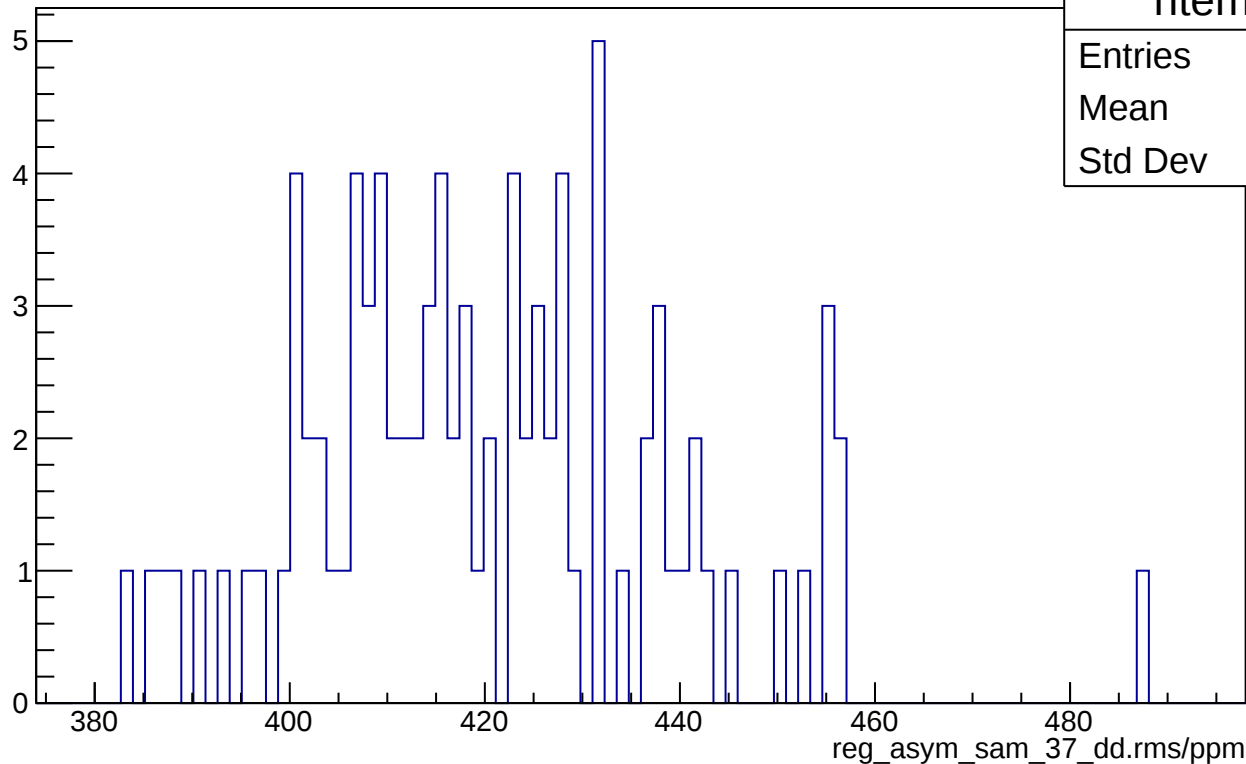
85.68 / 91

p0

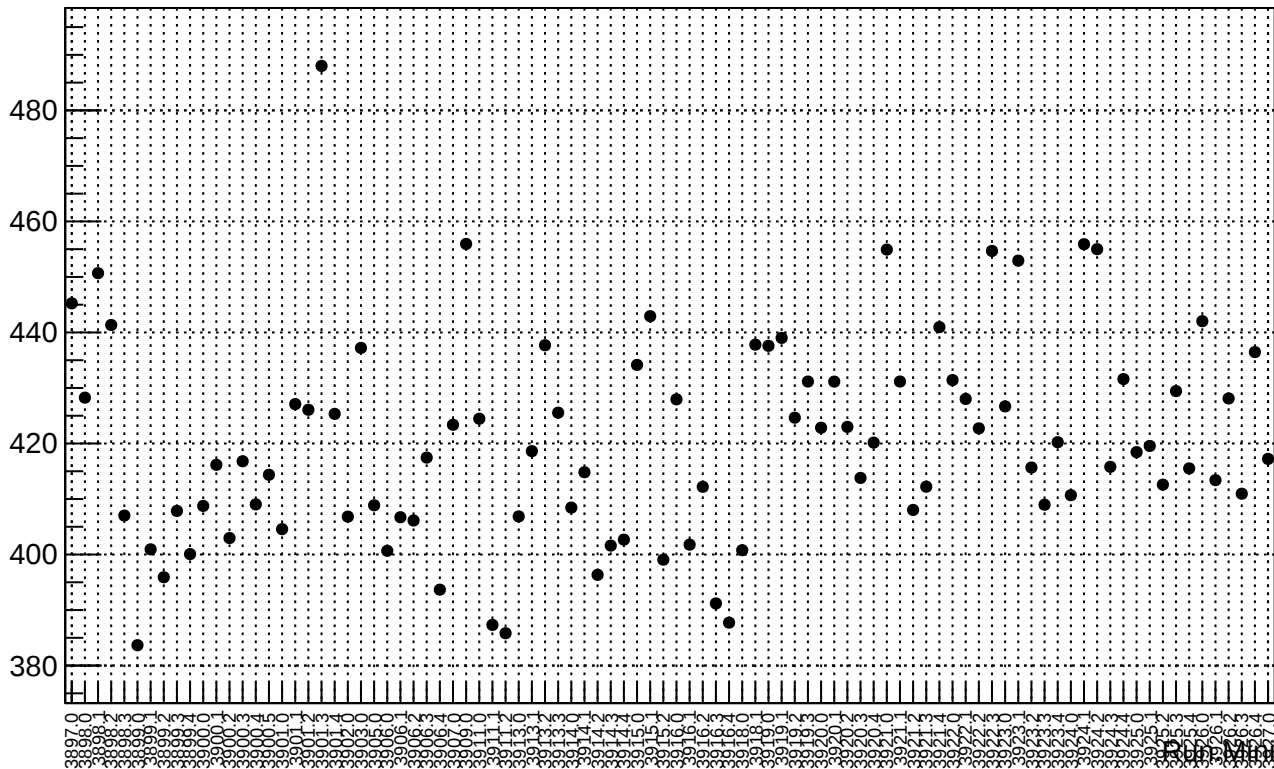
883 ± 442.7



reg_asym_sam_37_dd.rms/ppm



reg_asym_sam_37_dd.rms/ppm



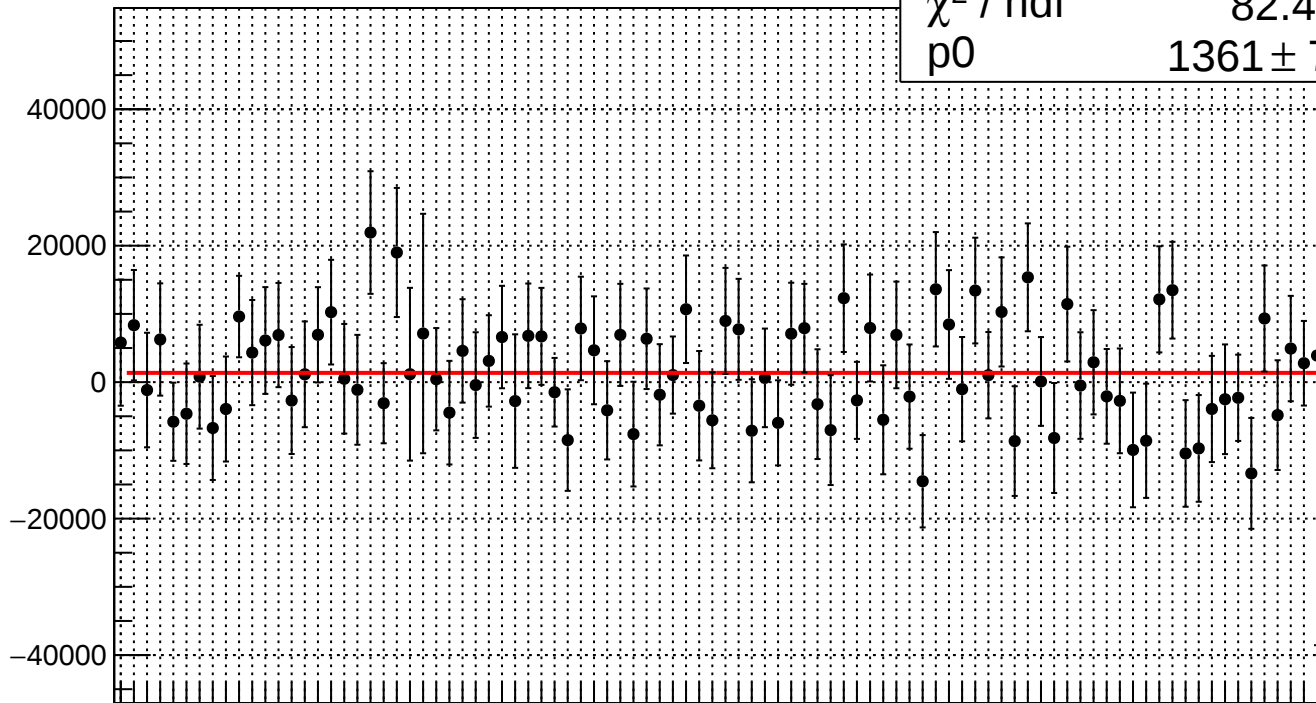
reg_asym_sam3.mean/ppb

χ^2 / ndf

82.43 / 91

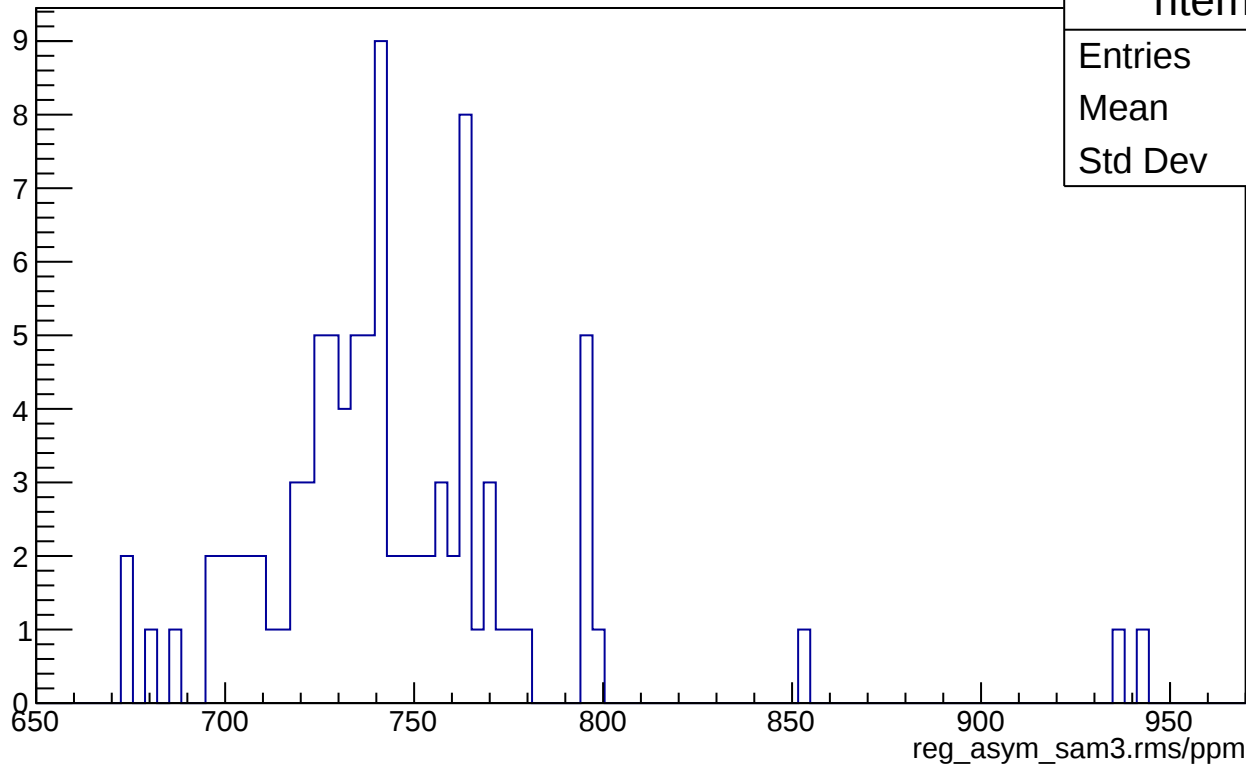
p0

1361 ± 783.4

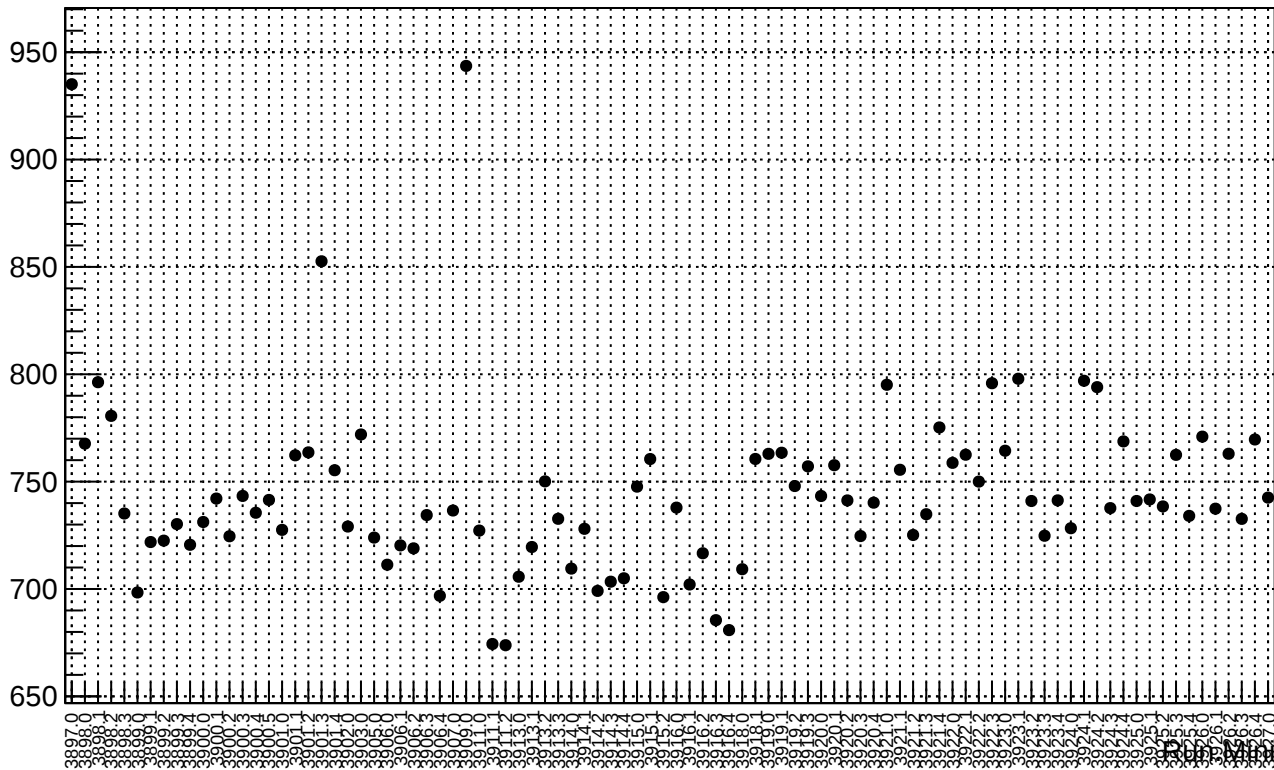


00 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91

reg_asym_sam3.rms/ppm



reg_asym_sam3.rms/ppm



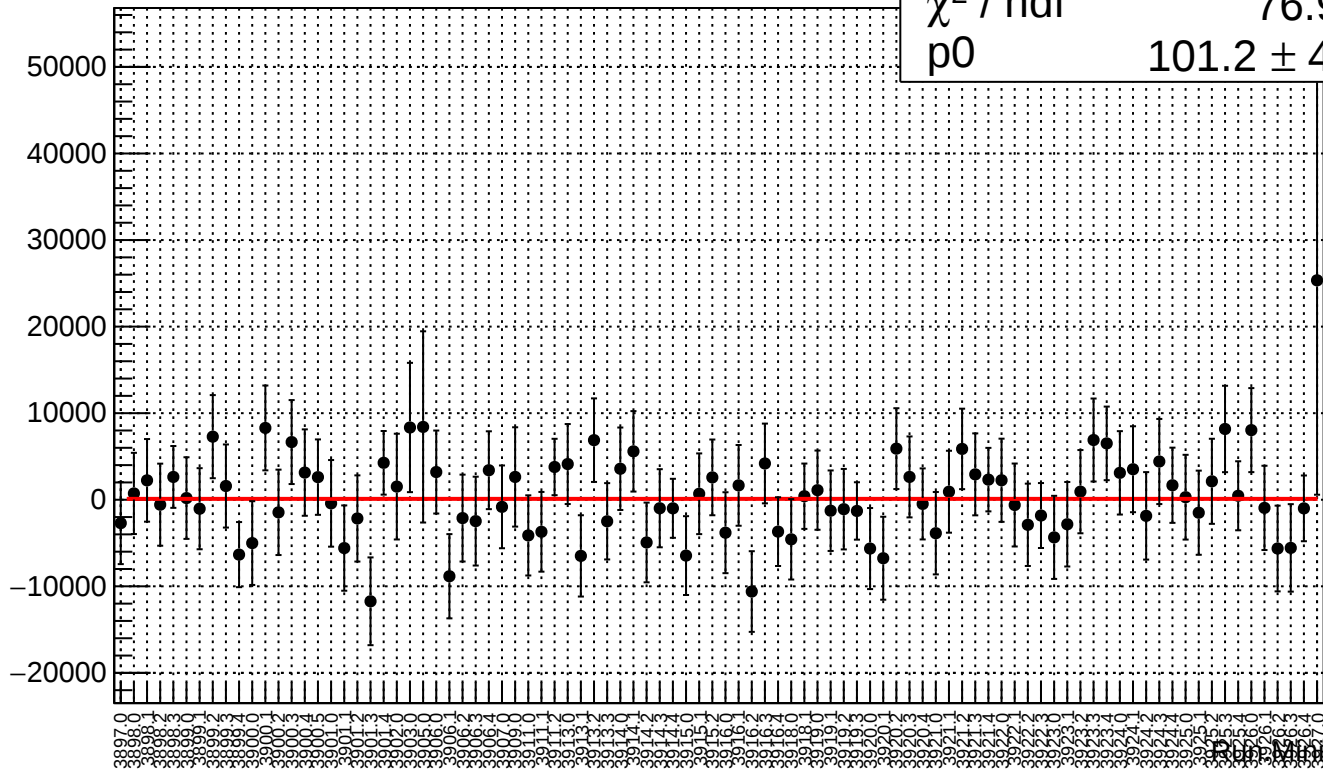
reg_asym_sam_48_avg.mean/ppb

χ^2 / ndf

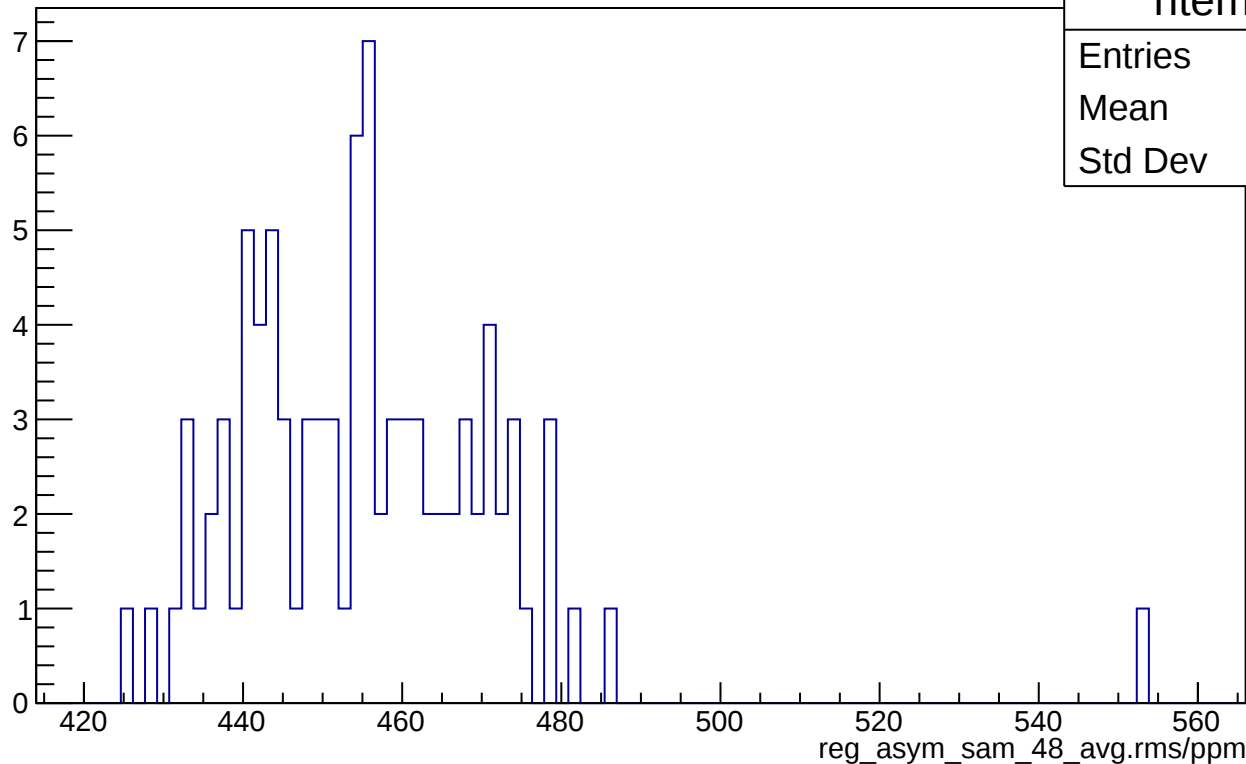
76.9 / 91

p0

101.2 ± 480.2



reg_asym_sam_48_avg.rms/ppm



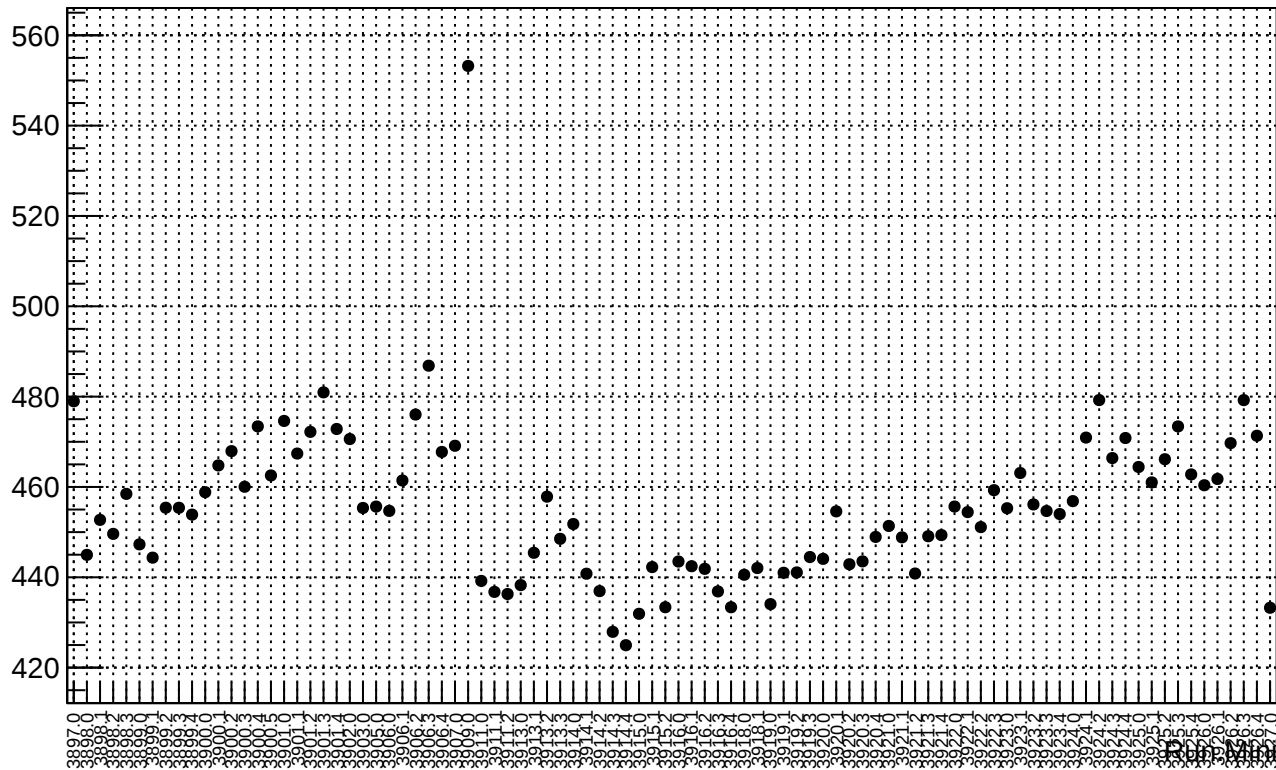
htemp

Entries 92

Mean 455.5

Std Dev 17.05

reg_asym_sam_48_avg.rms/ppm



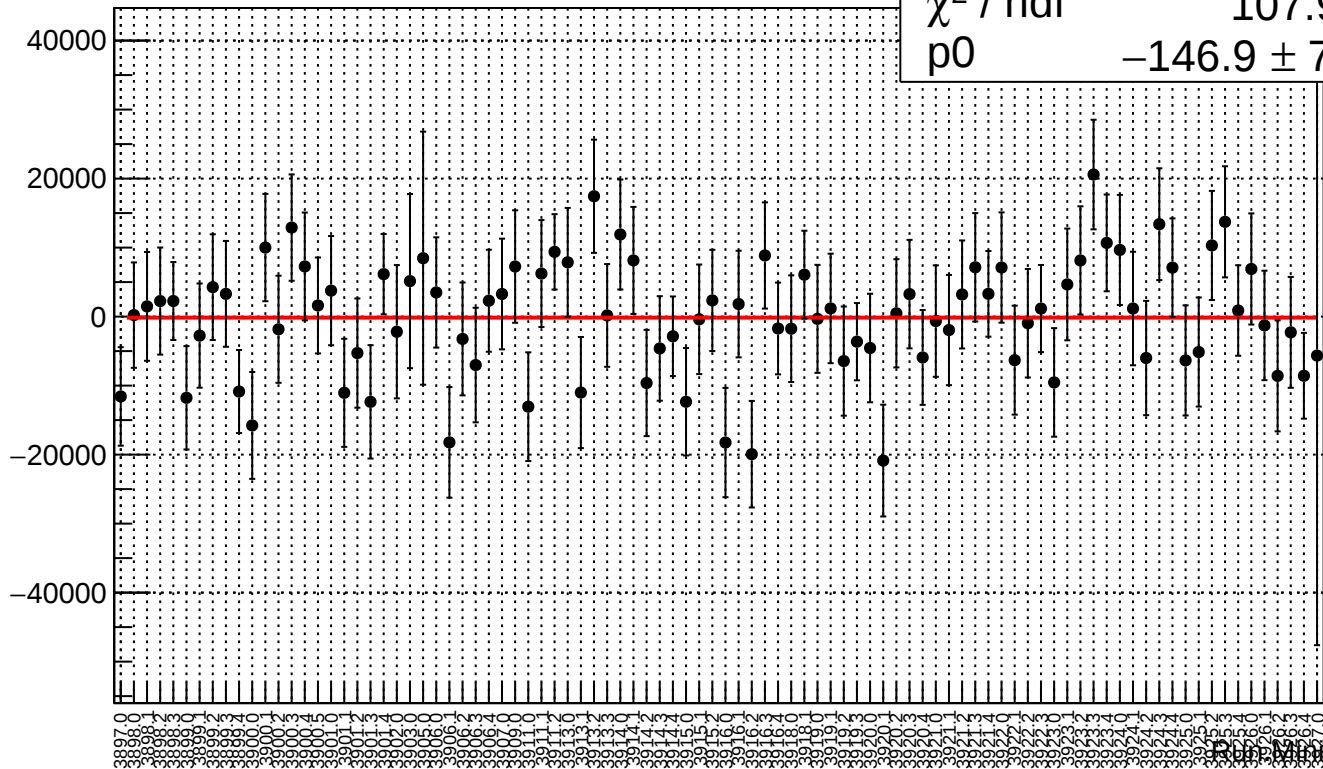
reg_asym_sam_48_dd.mean/ppb

χ^2 / ndf

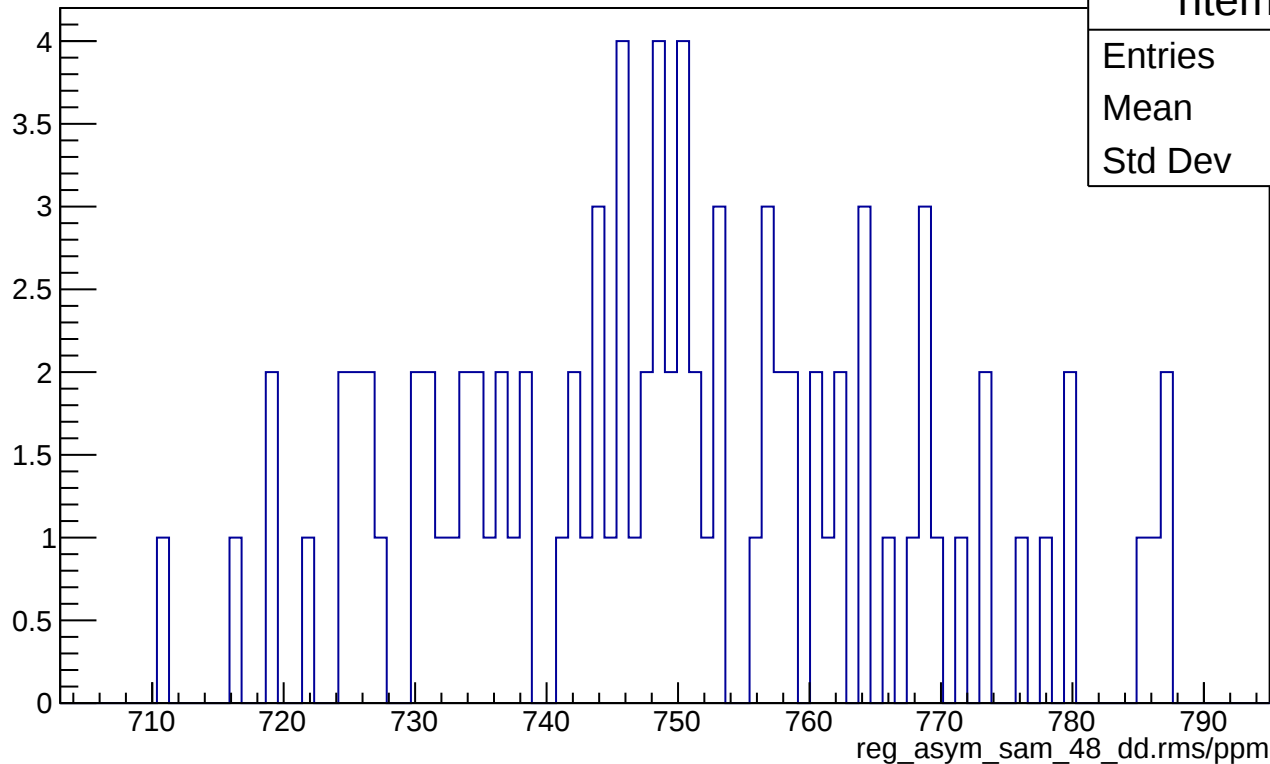
107.9 / 91

p0

-146.9 ± 790.8



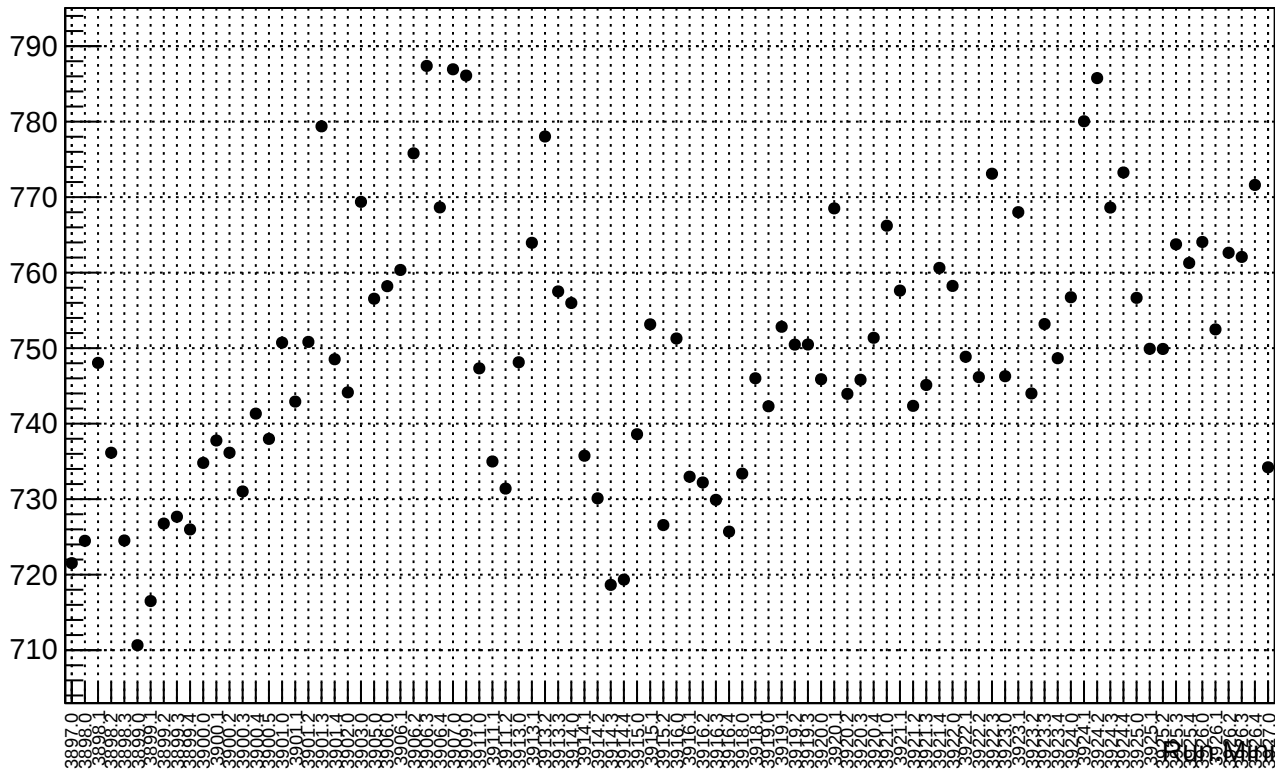
reg_asym_sam_48_dd.rms/ppm



htemp

Entries	92
Mean	749.4
Std Dev	17.38

reg_asym_sam_48_dd.rms/ppm



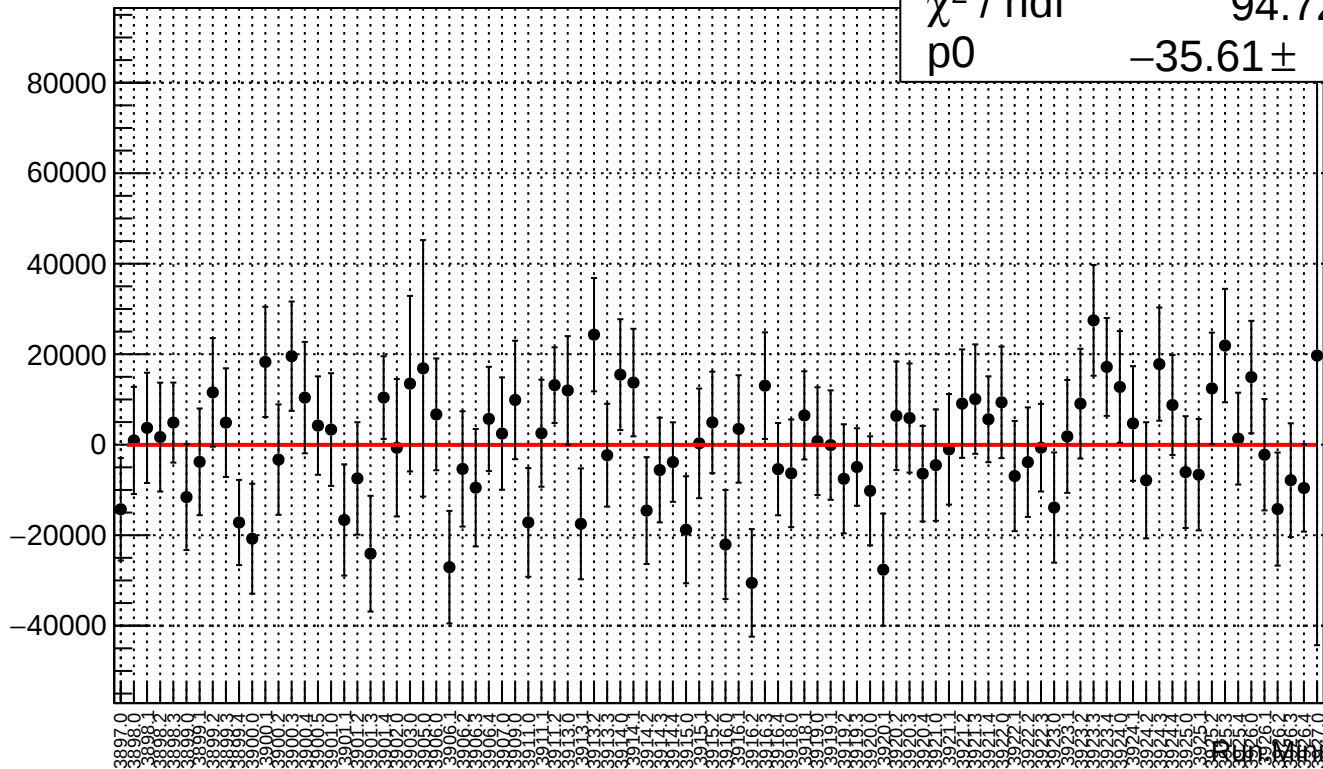
reg_asym_sam4.mean/ppb

χ^2 / ndf

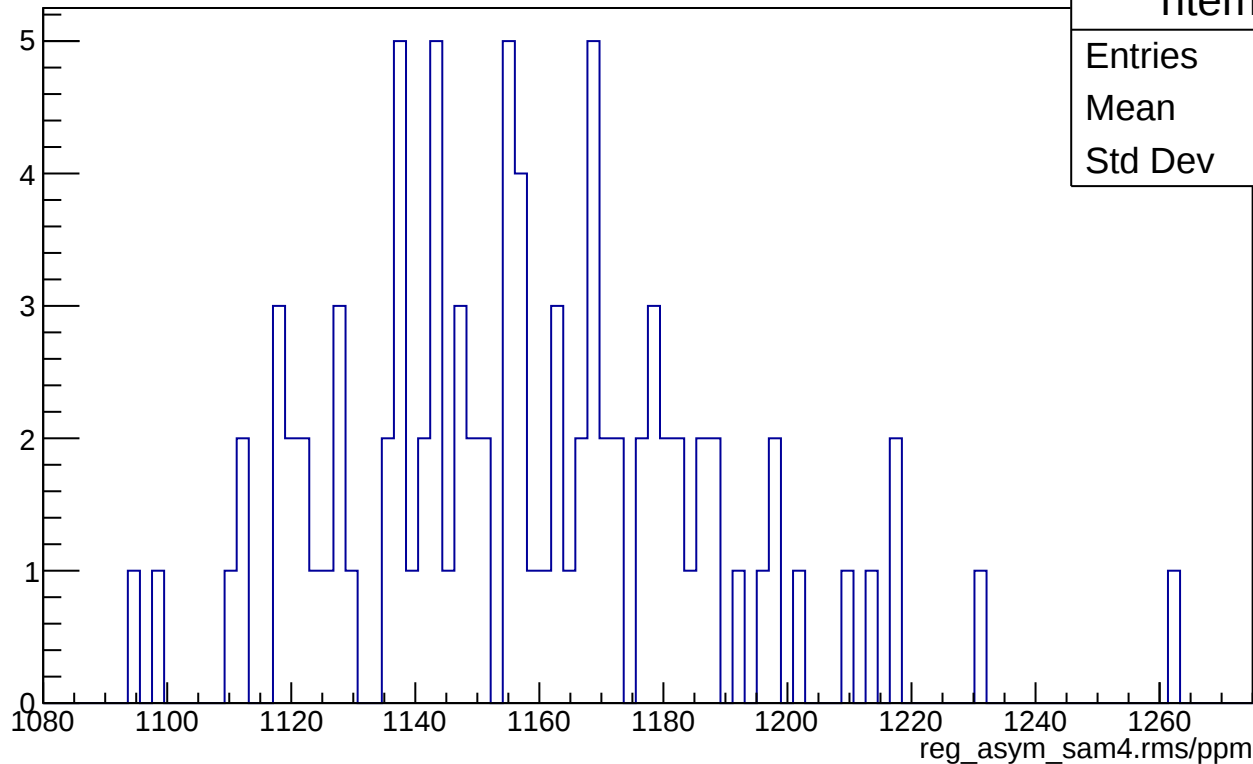
94.72 / 91

p0

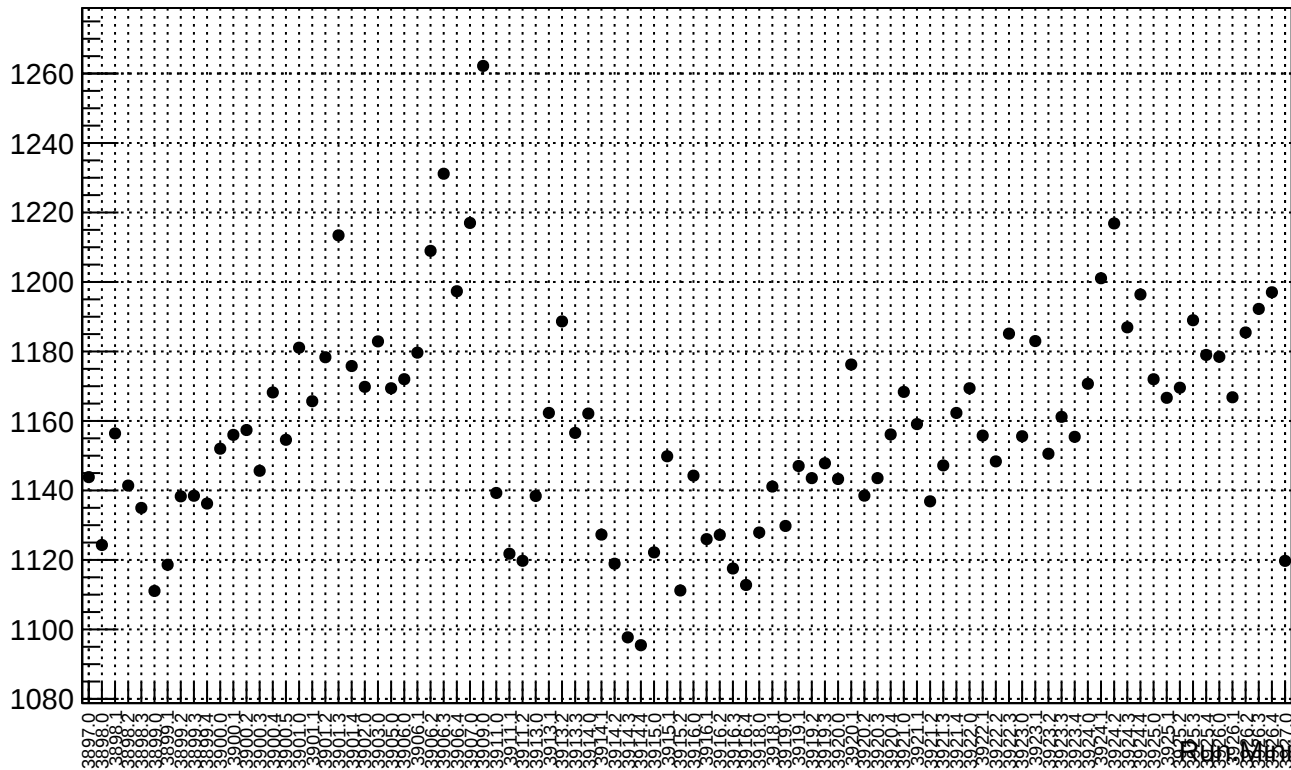
-35.61 ± 1222



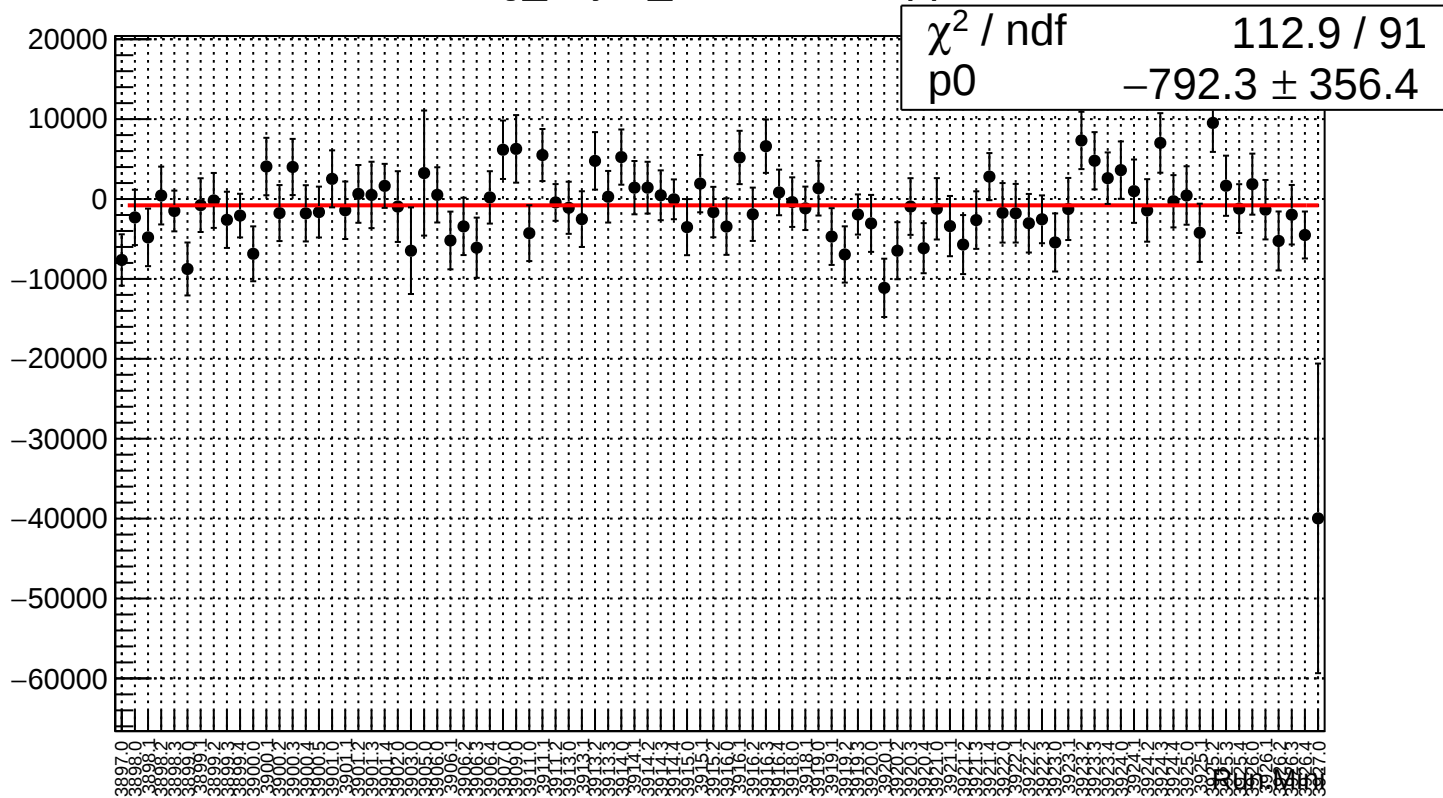
reg_asym_sam4.rms/ppm



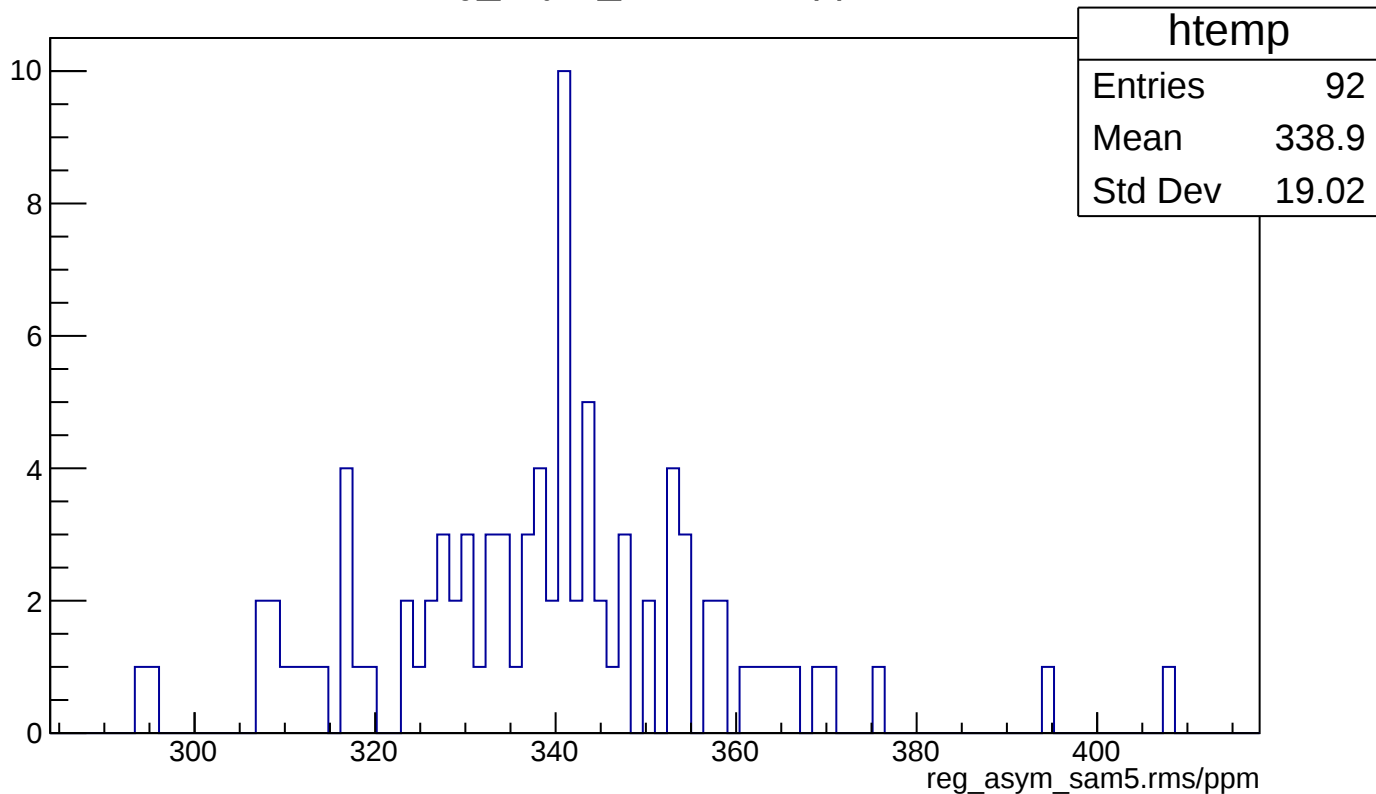
reg_asym_sam4.rms/ppm



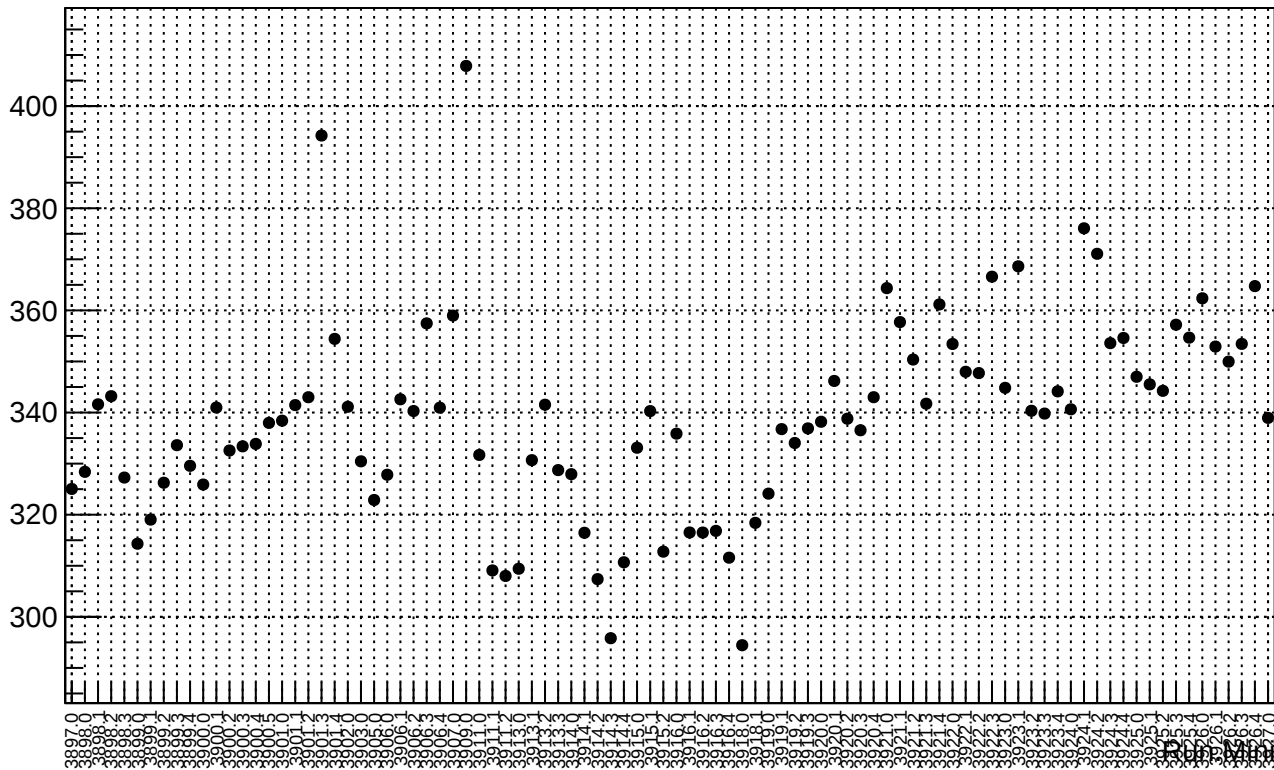
reg_asym_sam5.mean/ppb



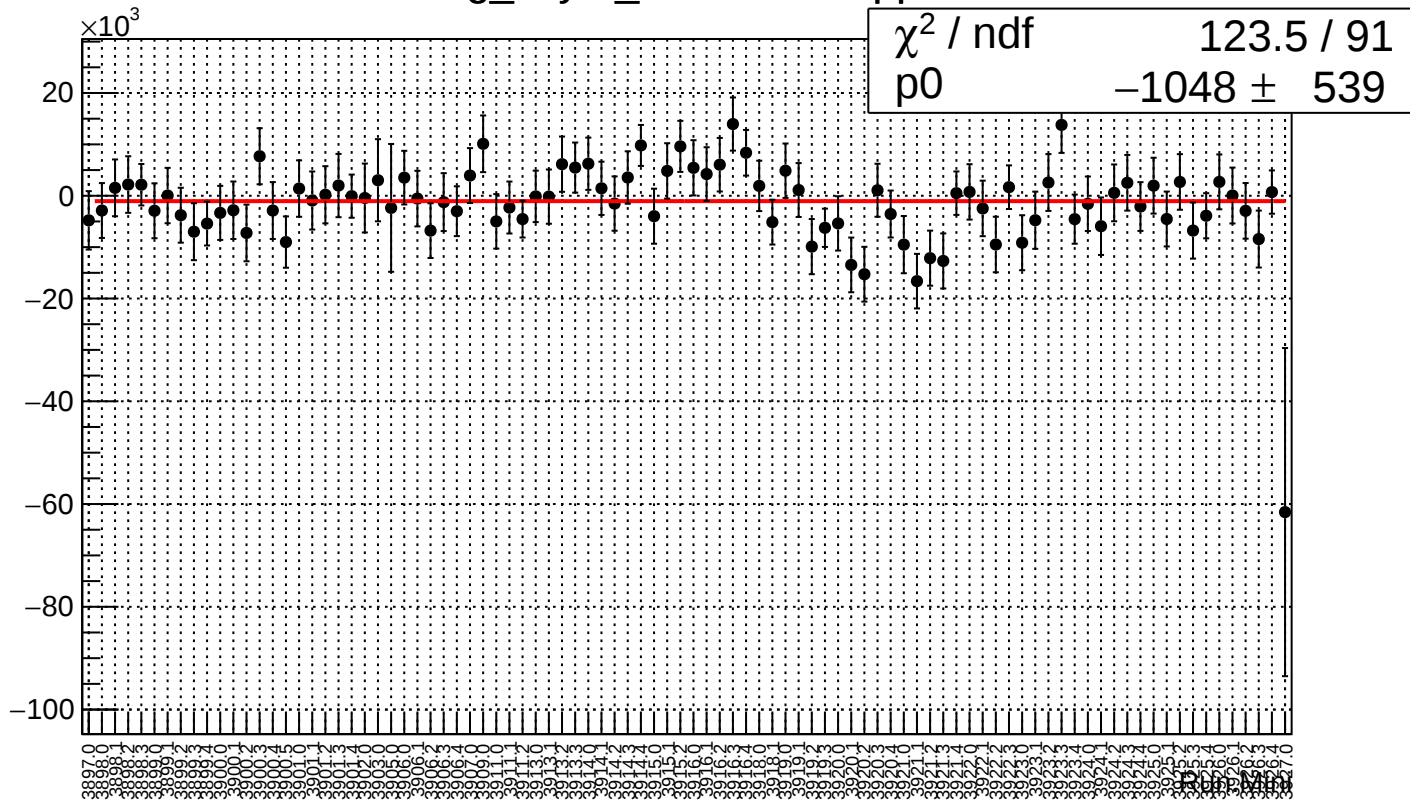
reg_asym_sam5.rms/ppm



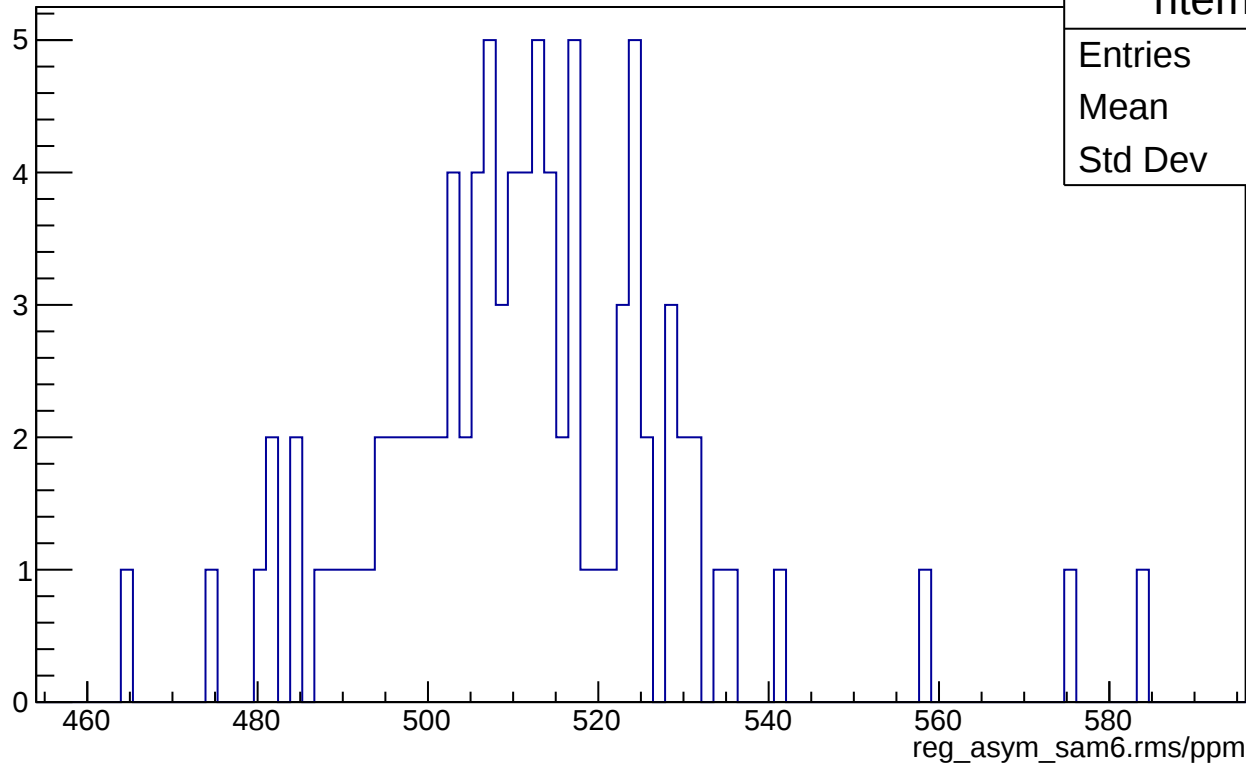
reg_asym_sam5.rms/ppm



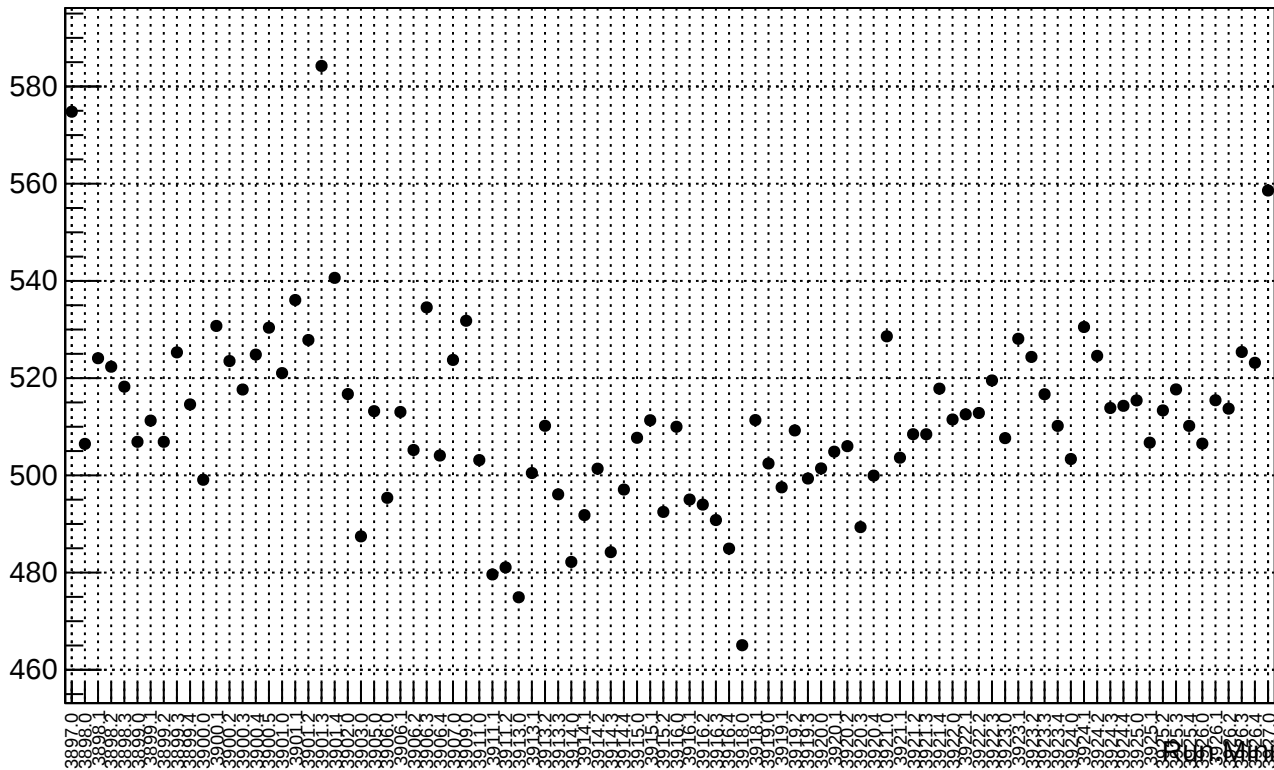
reg_asym_sam6.mean/ppb



reg_asym_sam6.rms/ppm



reg_asym_sam6.rms/ppm



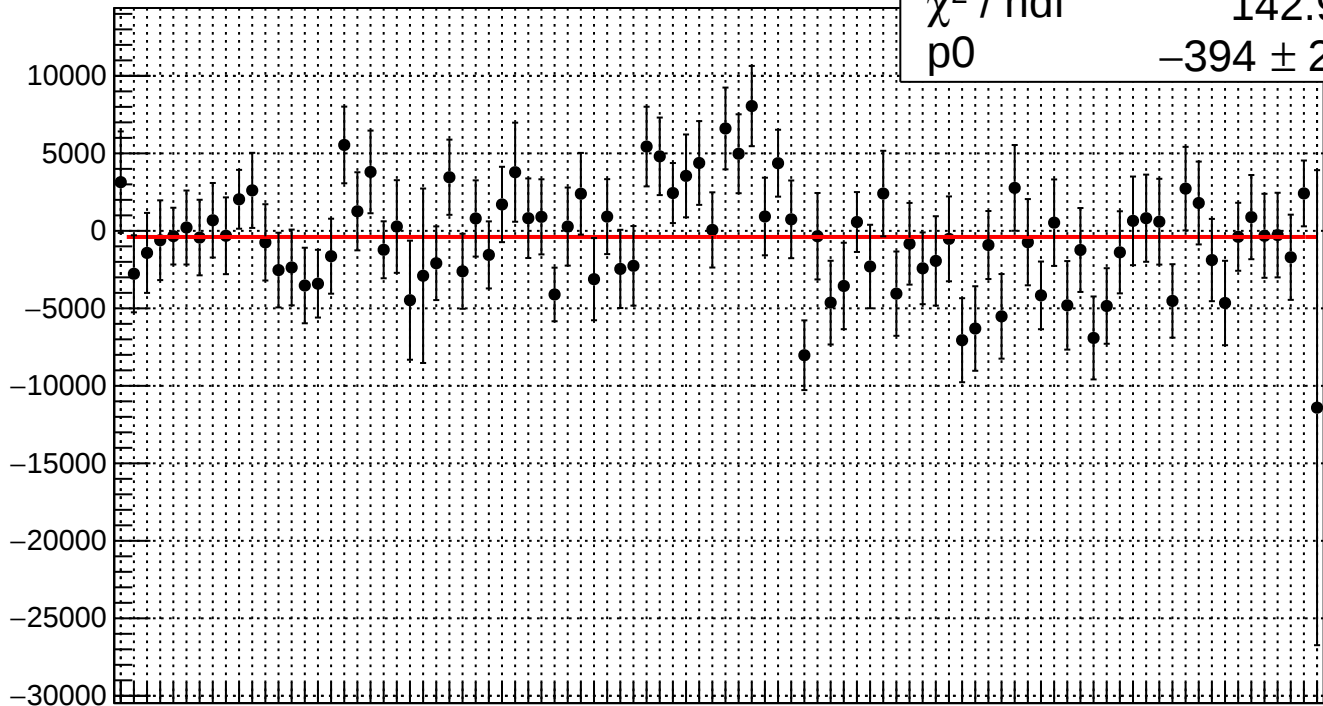
reg_asym_sam7.mean/ppb

χ^2 / ndf

142.9 / 91

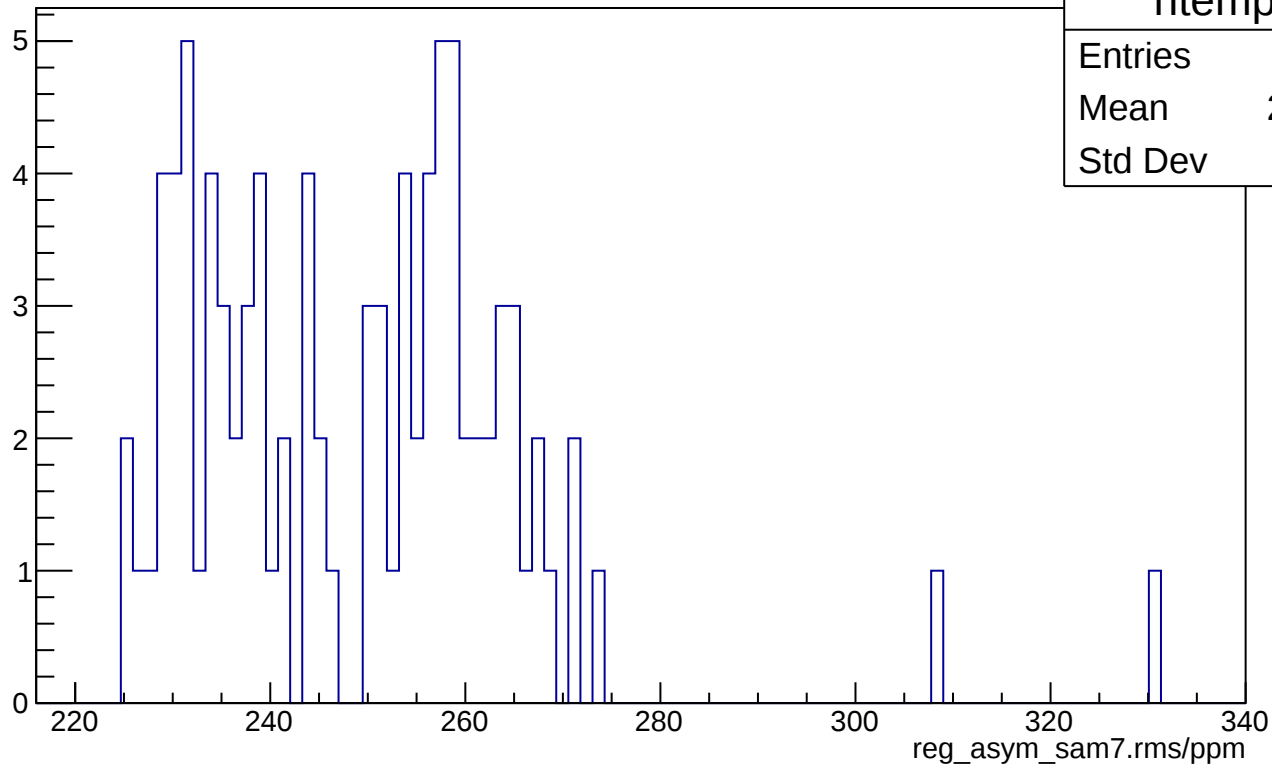
p0

-394 ± 261.7

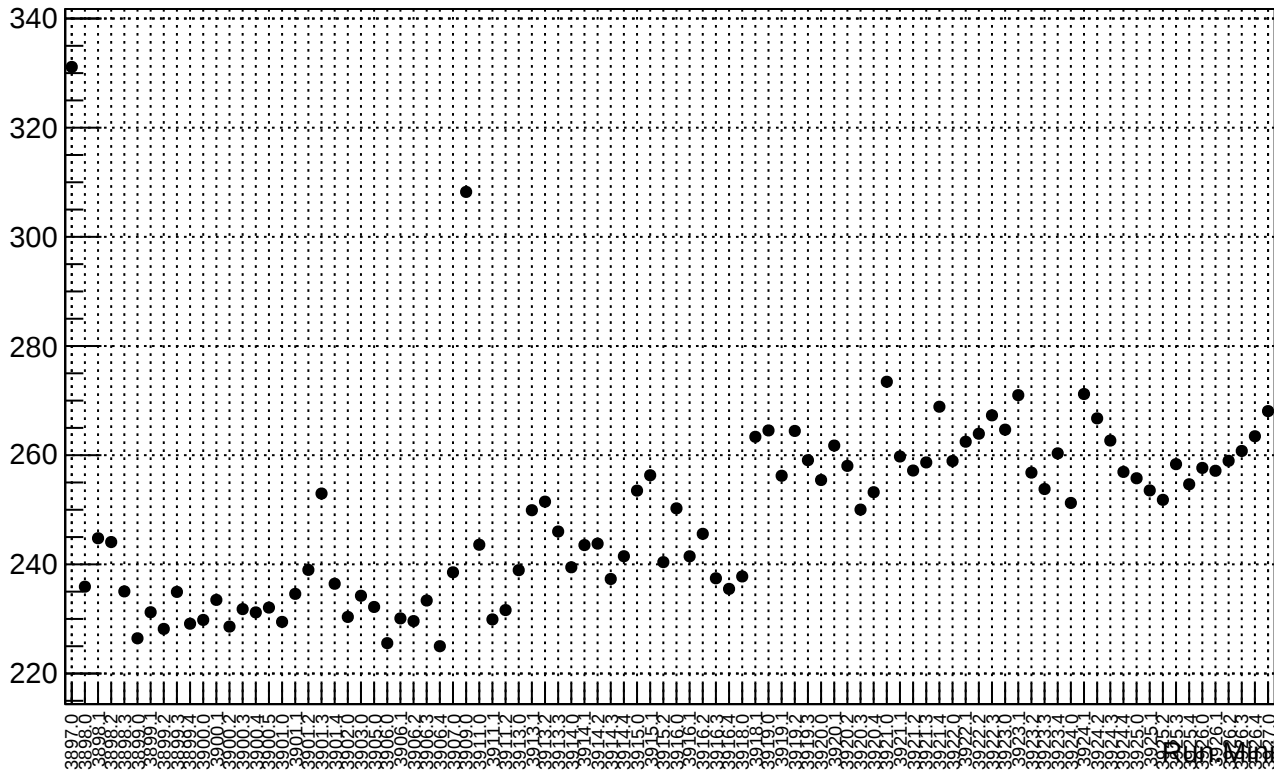


Run 1000

reg_asym_sam7.rms/ppm



reg_asym_sam7.rms/ppm



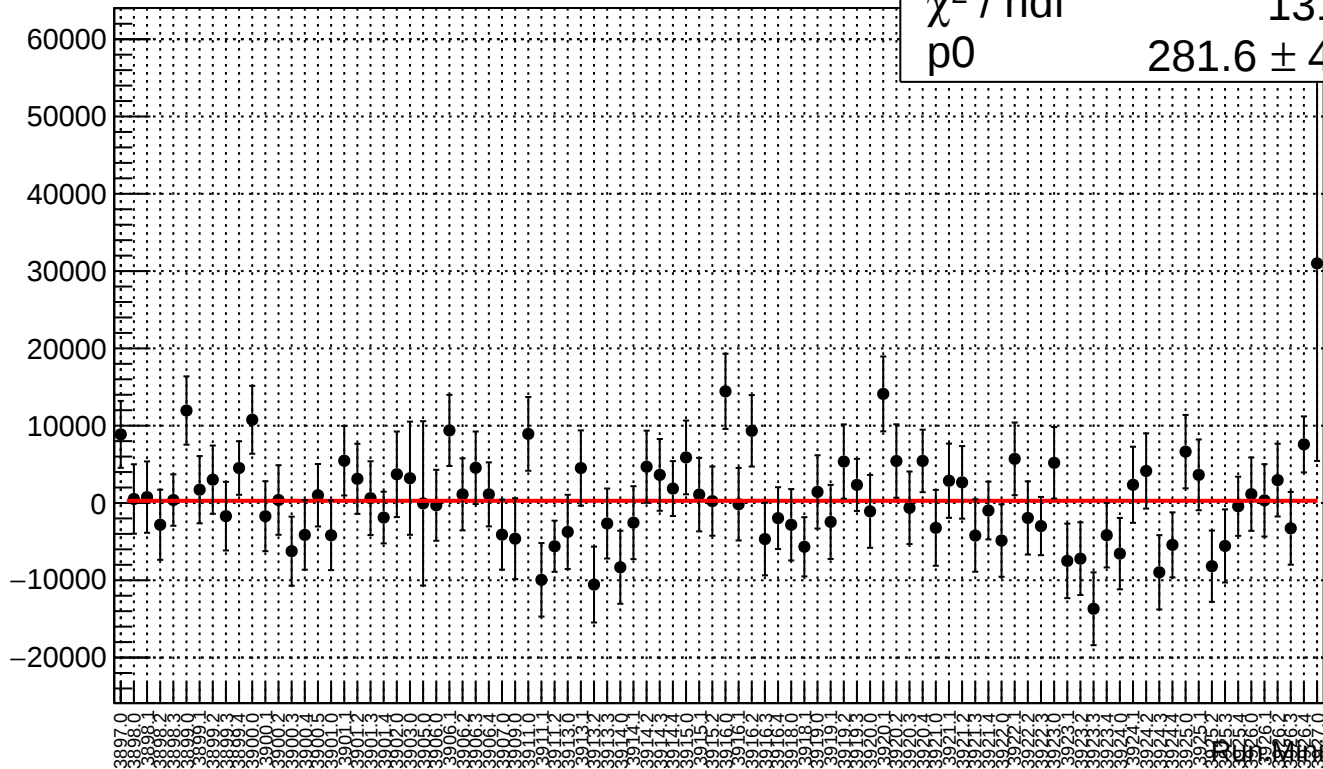
reg_asym_sam8.mean/ppb

χ^2 / ndf

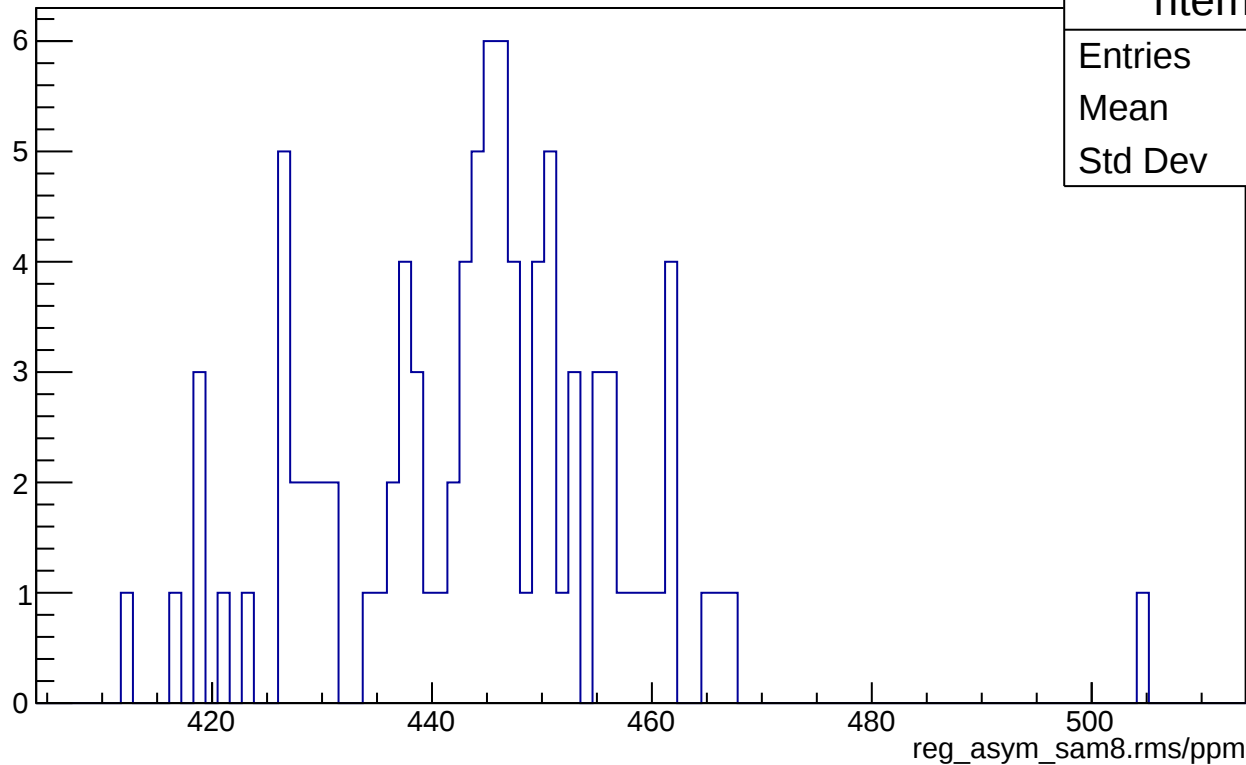
131 / 91

p0

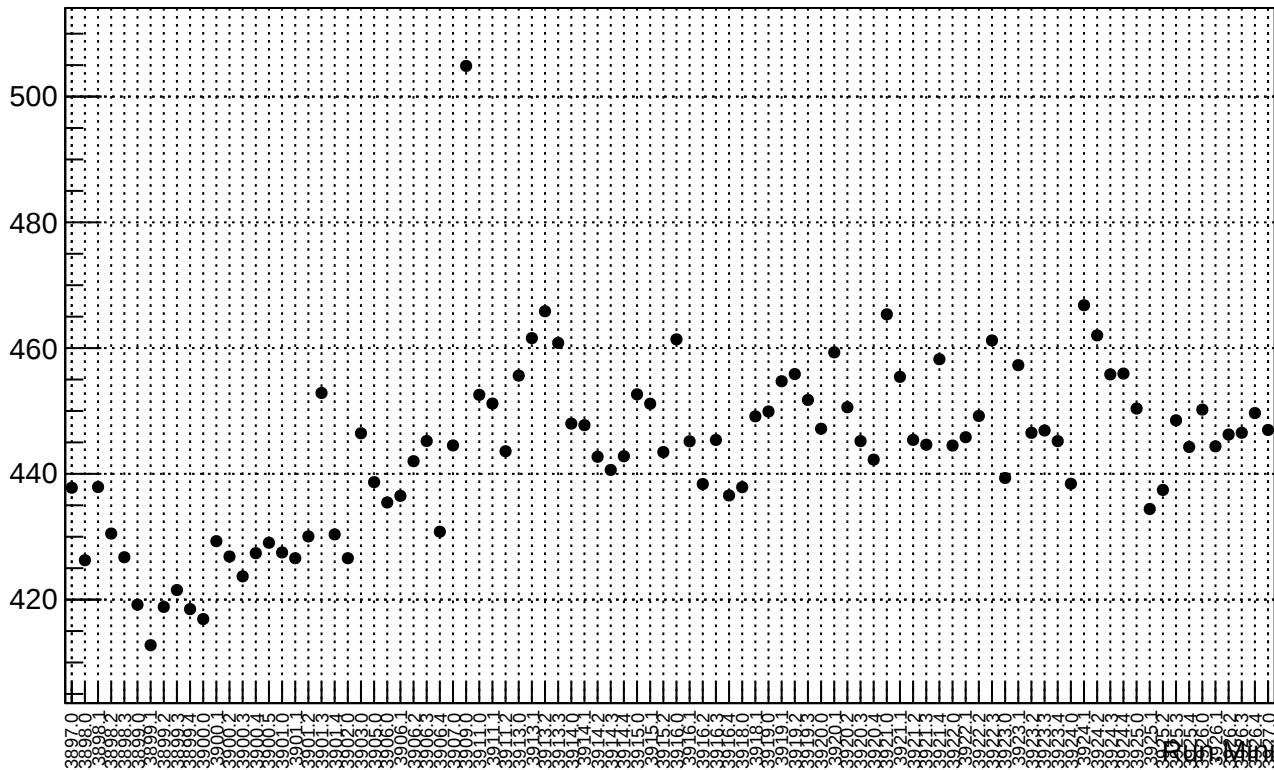
281.6 ± 468.3



reg_asym_sam8.rms/ppm



reg_asym_sam8.rms/ppm



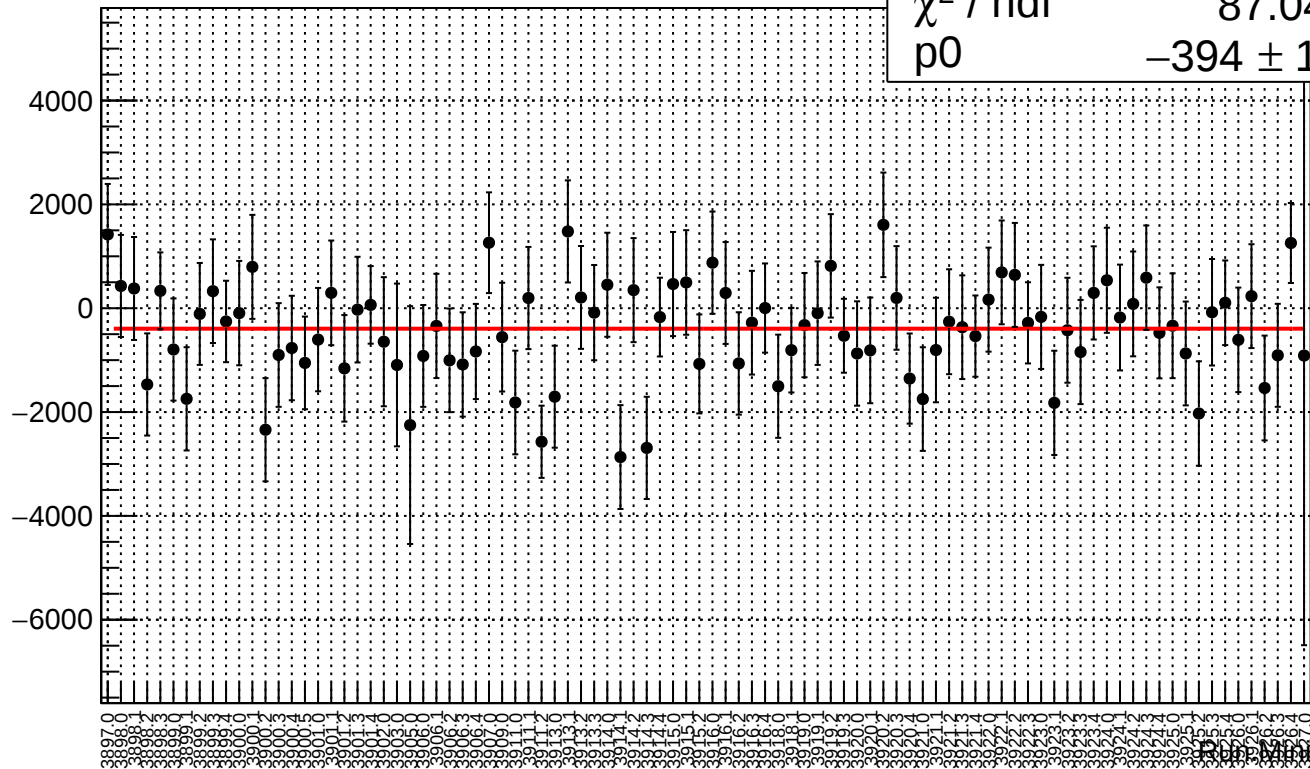
reg_asym_us_avg.mean/ppb

χ^2 / ndf

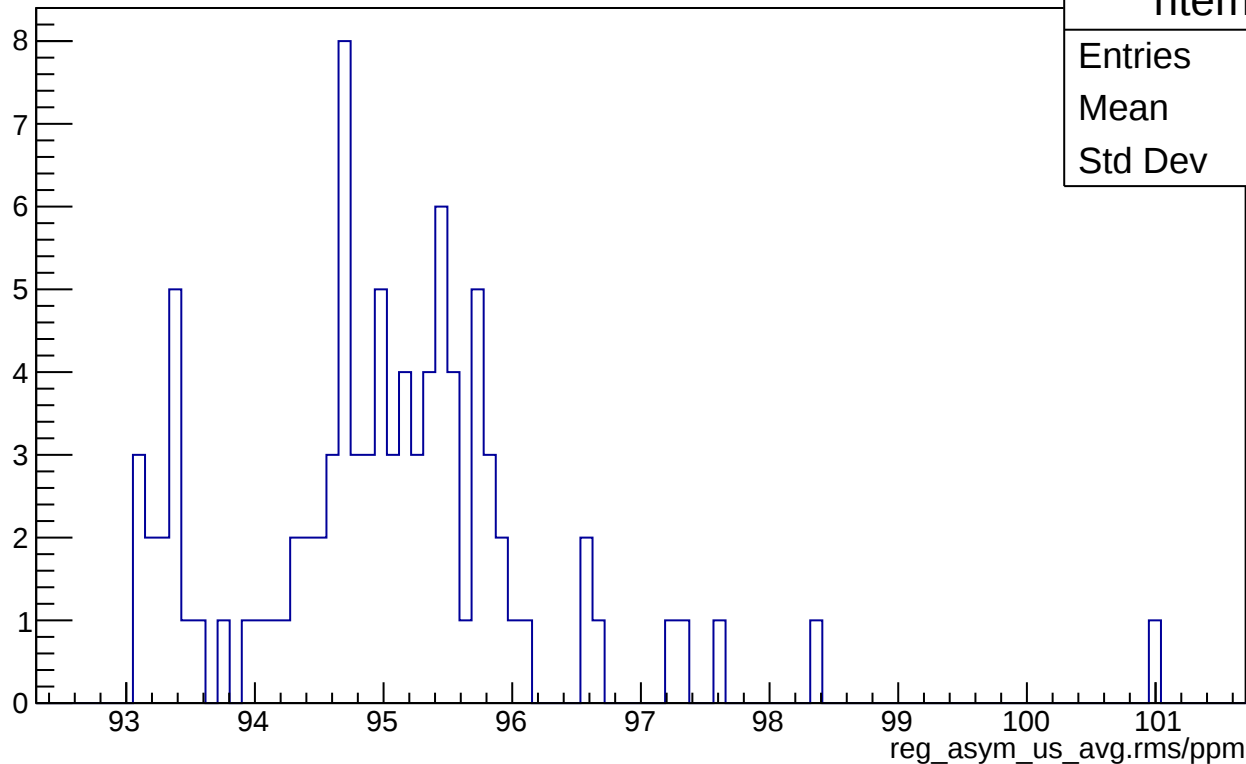
87.04 / 91

p0

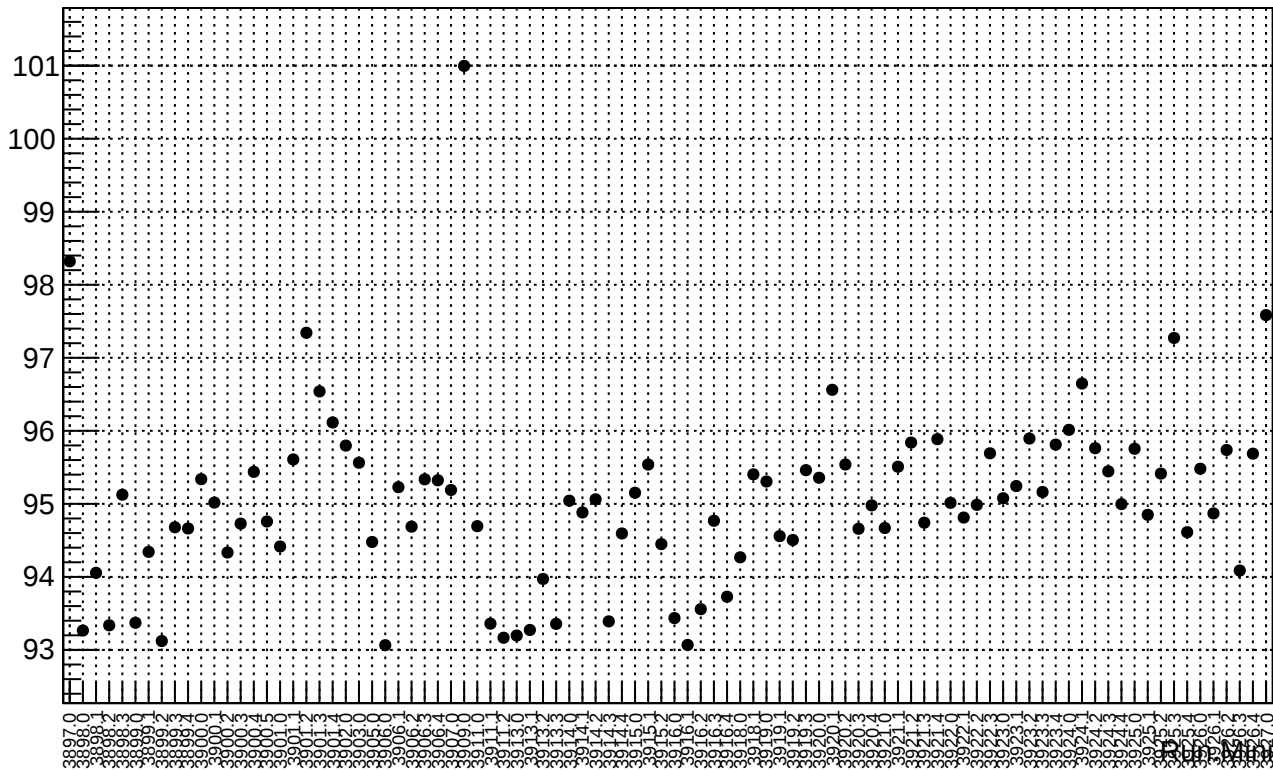
-394 ± 100.4



reg_asym_us_avg.rms/ppm



reg_asym_us_avg.rms/ppm



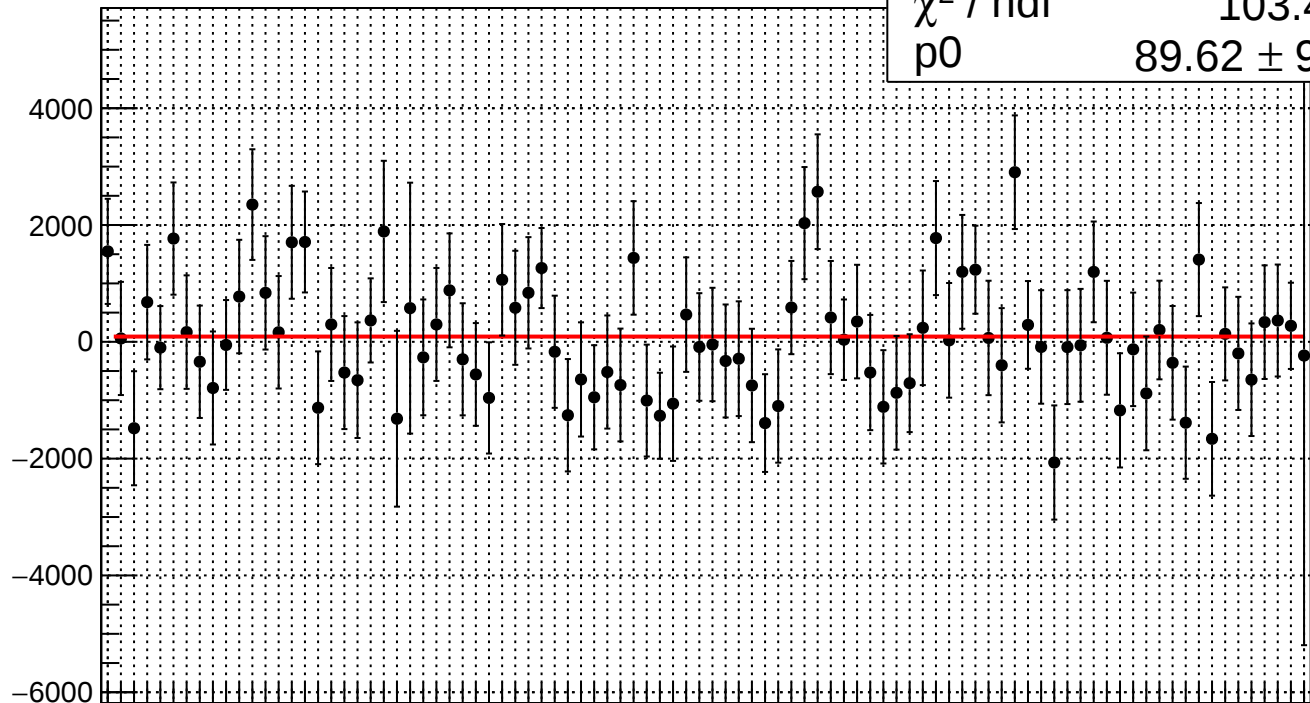
reg_asym_us_dd.mean/ppb

χ^2 / ndf

103.4 / 91

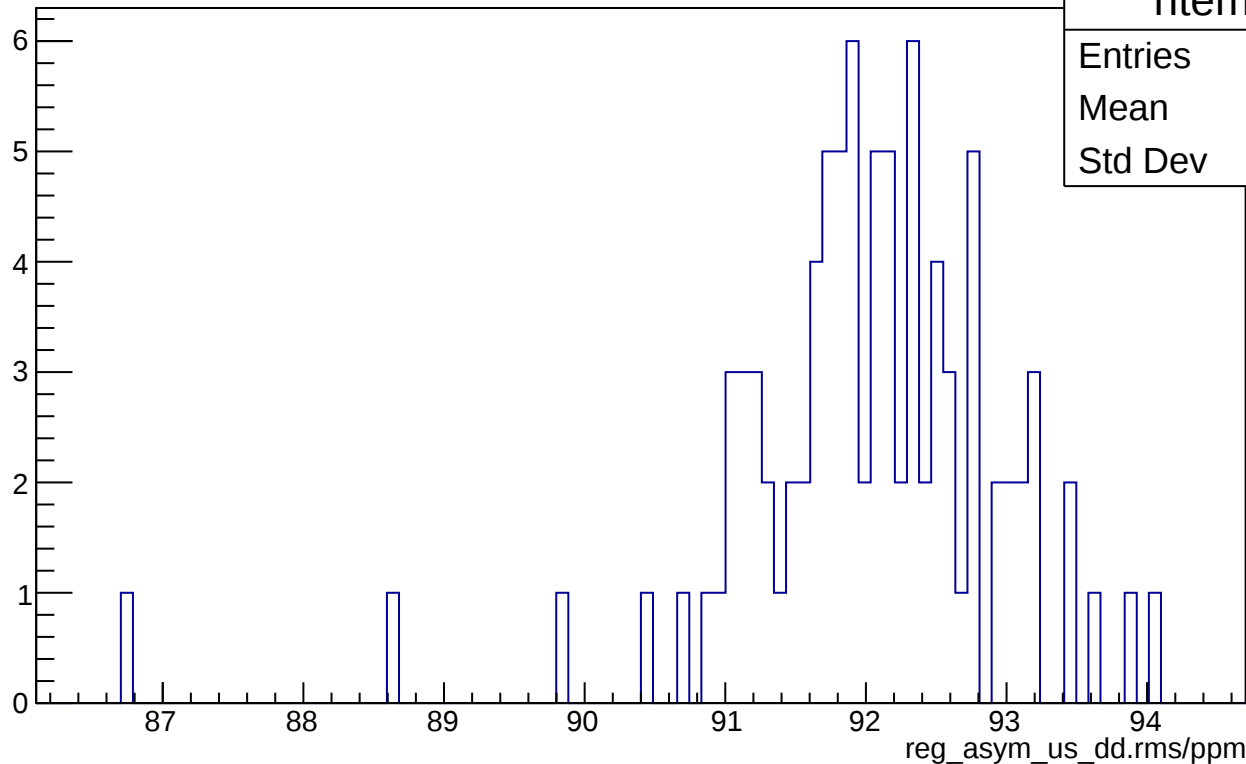
p0

89.62 ± 97.28

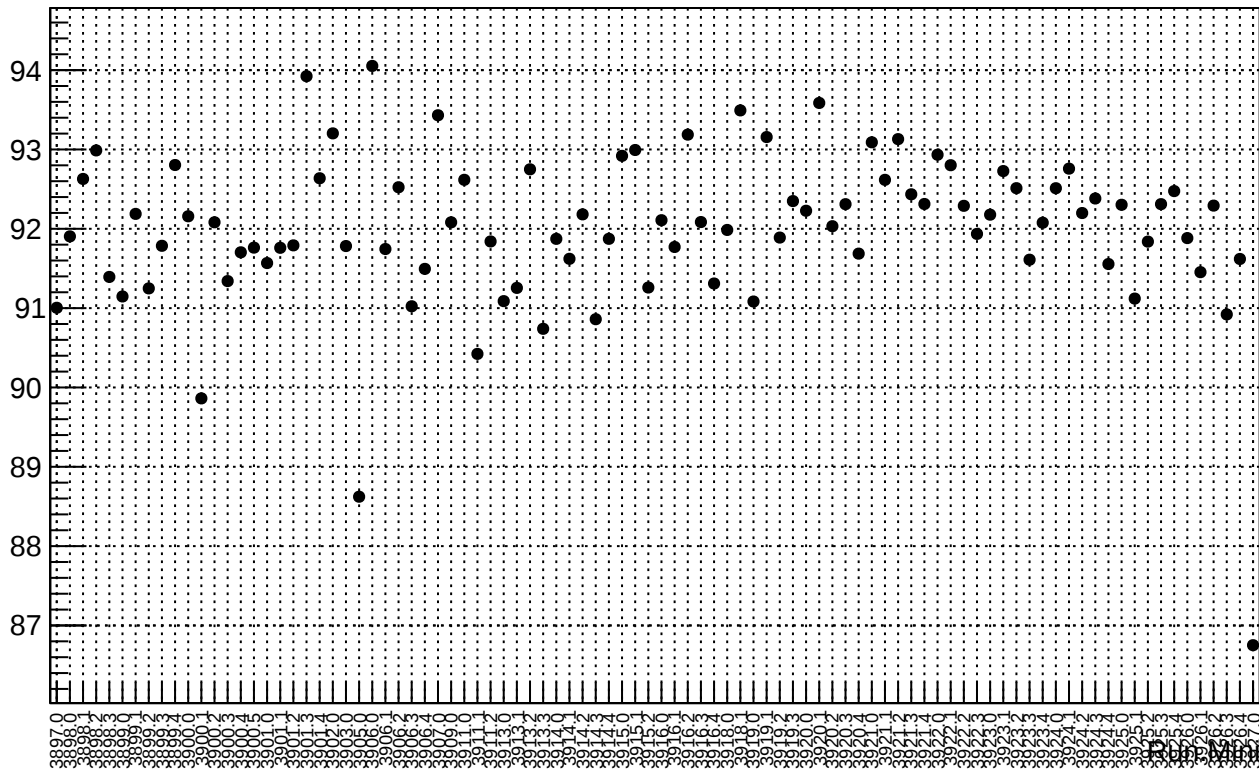


Run: Min

reg_asym_us_dd.rms/ppm



reg_asym_us_dd.rms/ppm



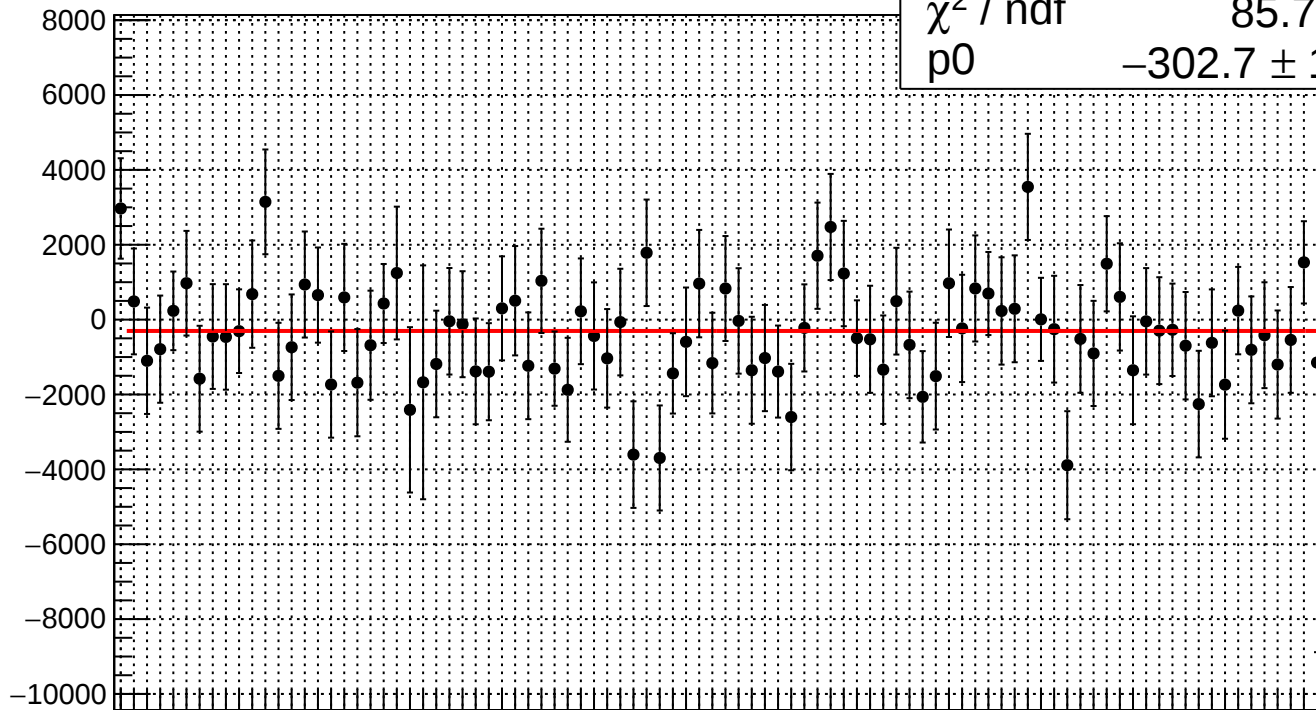
reg_asym_usl.mean/ppb

χ^2 / ndf

85.73 / 91

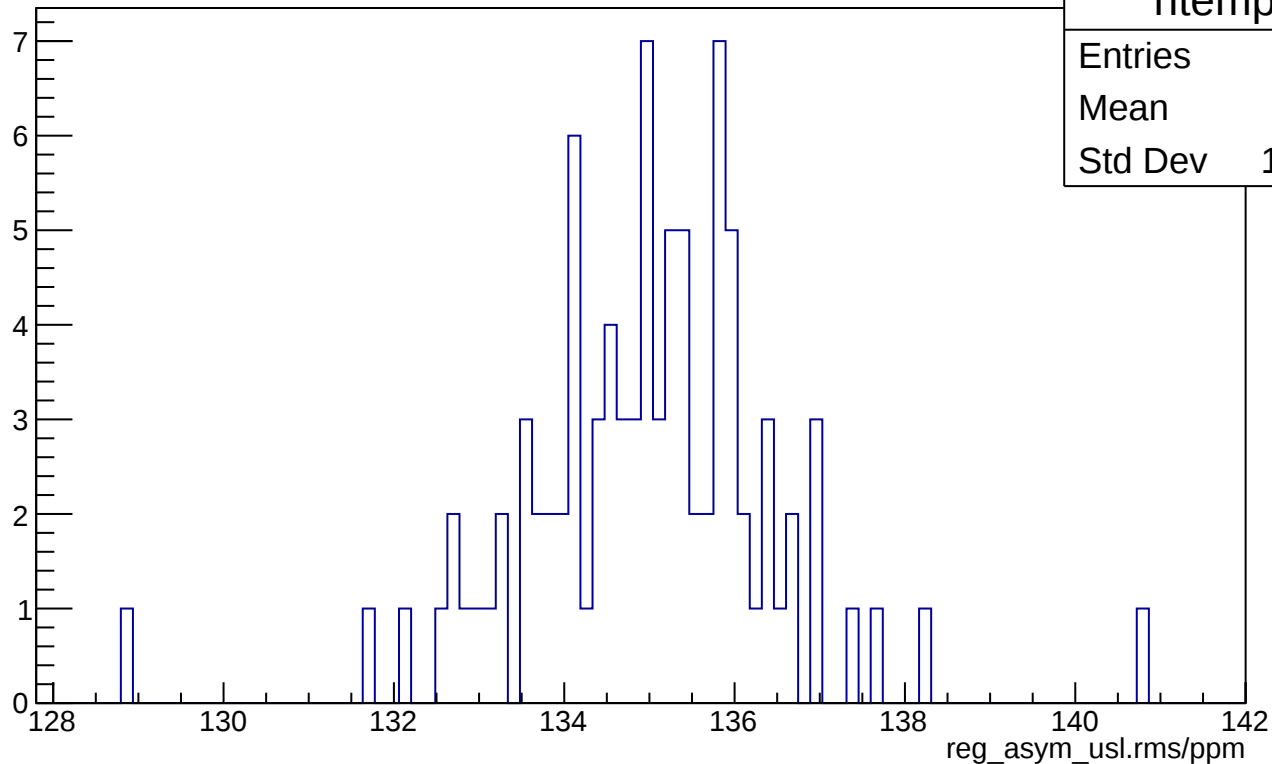
p0

-302.7 ± 142.6

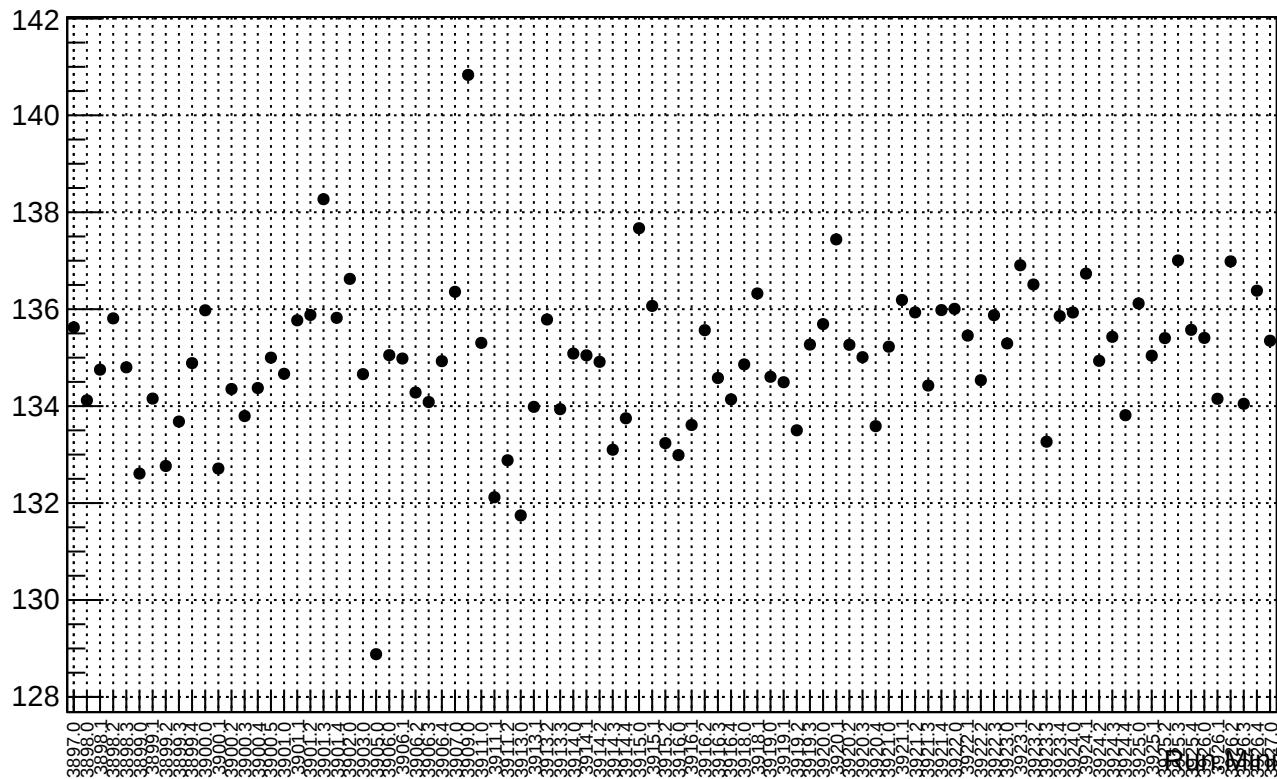


Run/Month

reg_asym_usl.rms/ppm



reg_asym_usl.rms/ppm



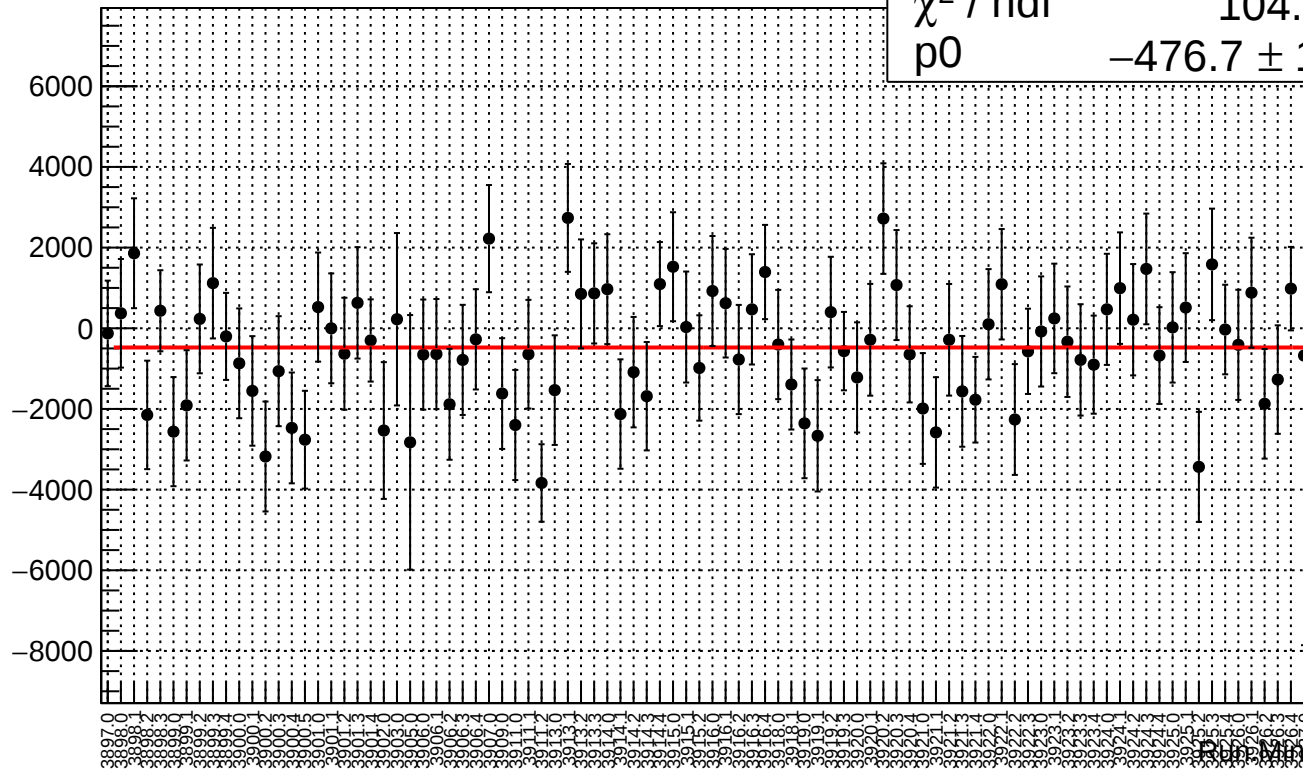
reg_asym_usr.mean/ppb

χ^2 / ndf

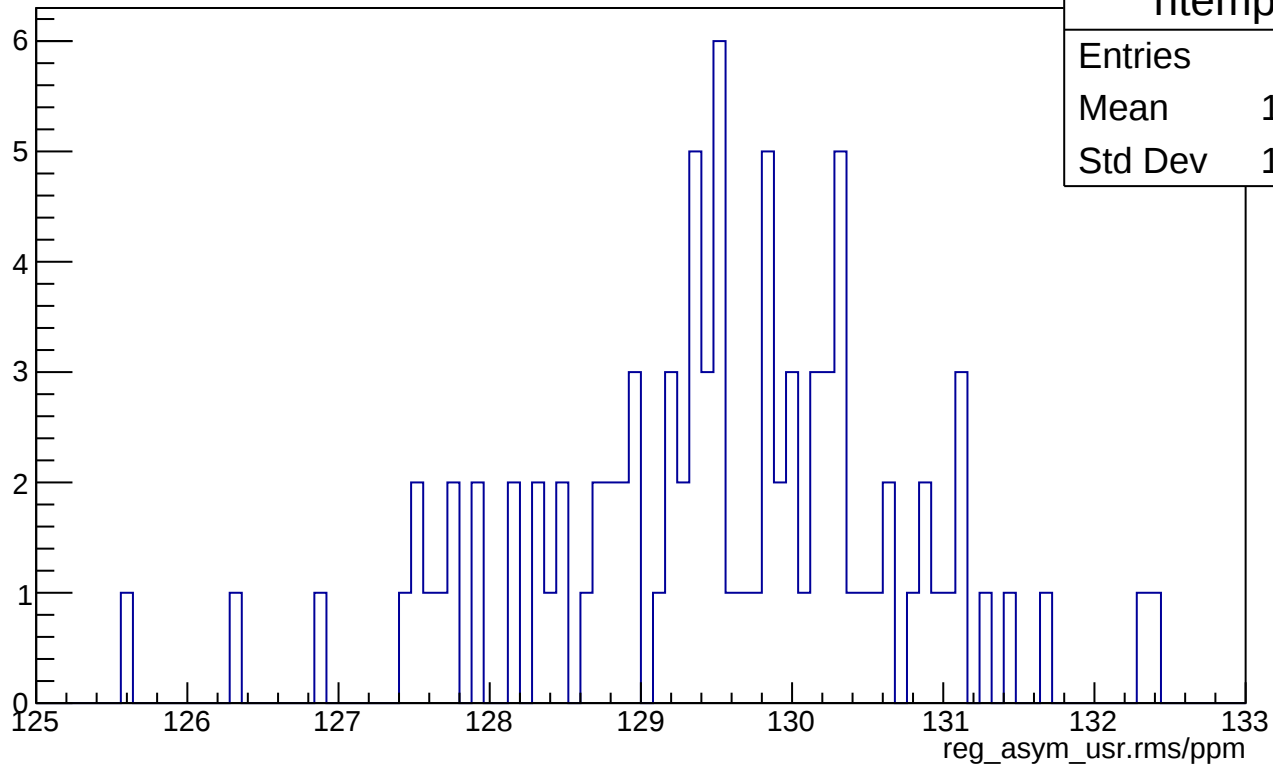
104.9 / 91

p0

-476.7 ± 136.8



reg_asym_usr.rms/ppm



reg_asym_usr.rms/ppm

