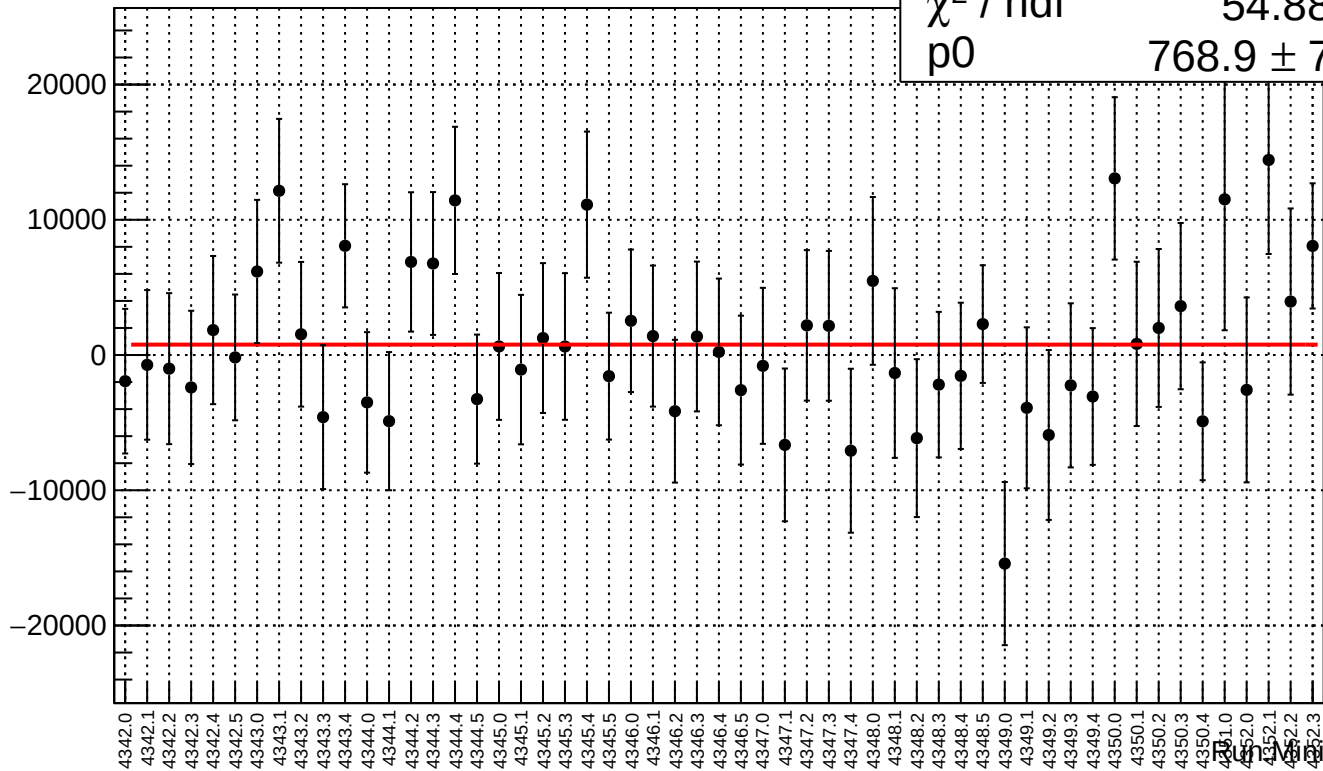


asym_at1_avg.mean/ppb

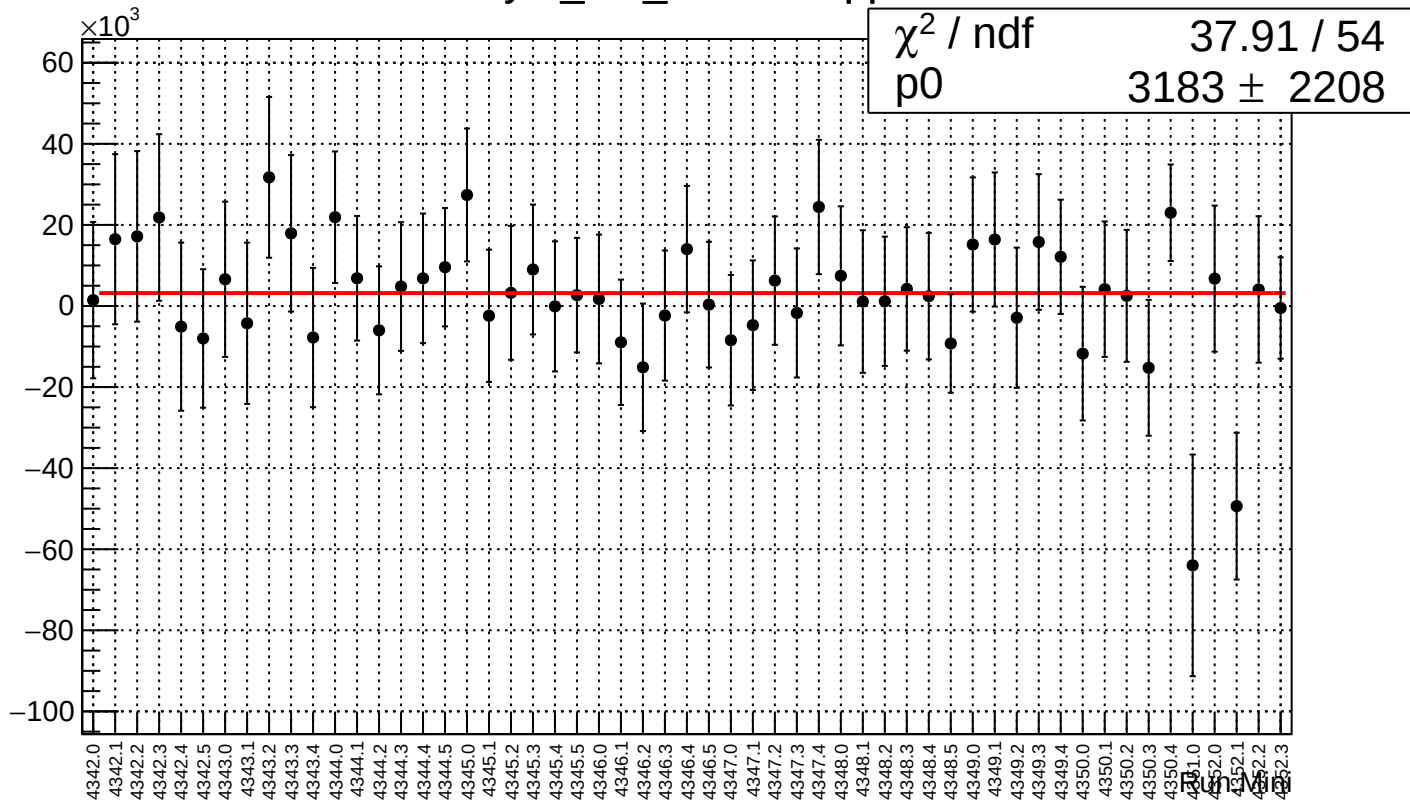
χ^2 / ndf
p0

54.88 / 54

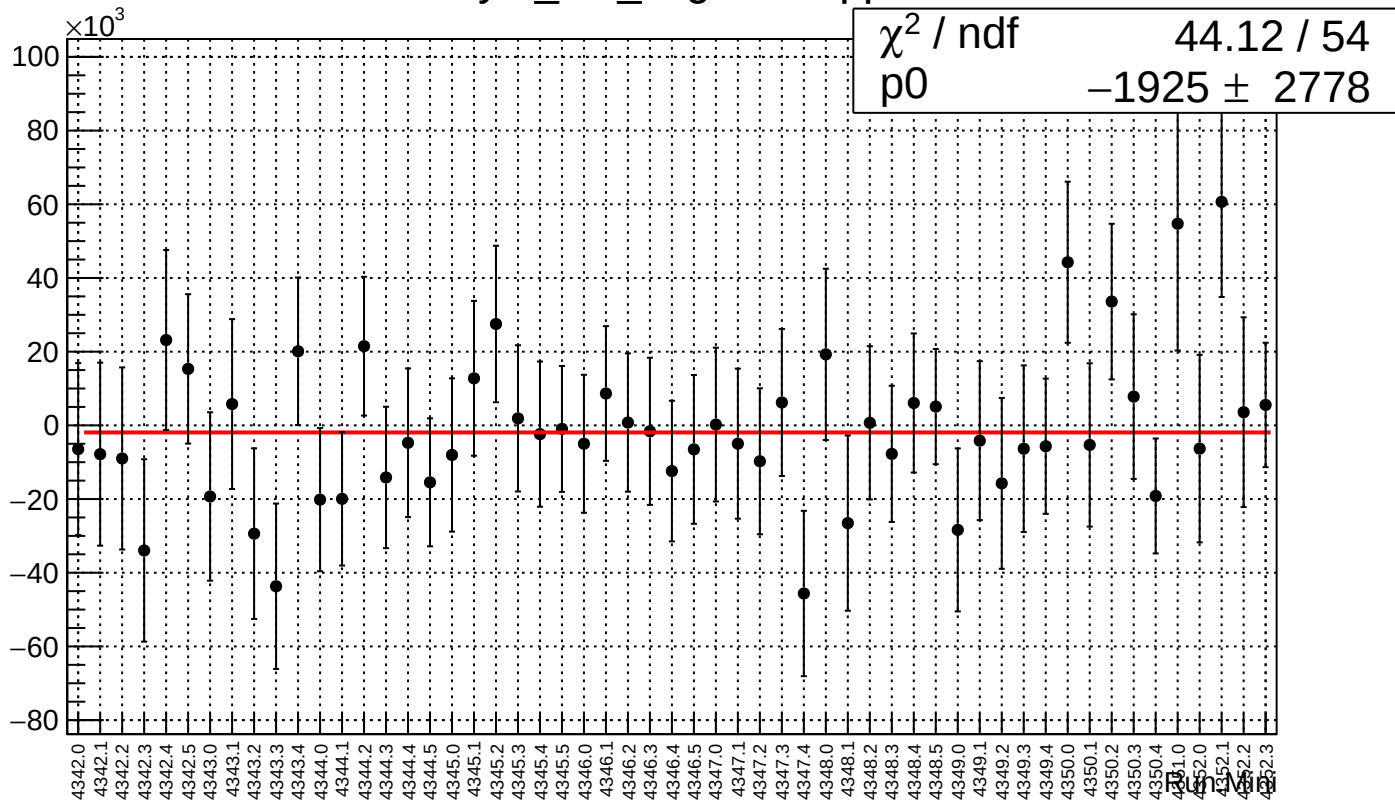
768.9 ± 738.3



asym_at1_dd.mean/ppb



asym_at2_avg.mean/ppb

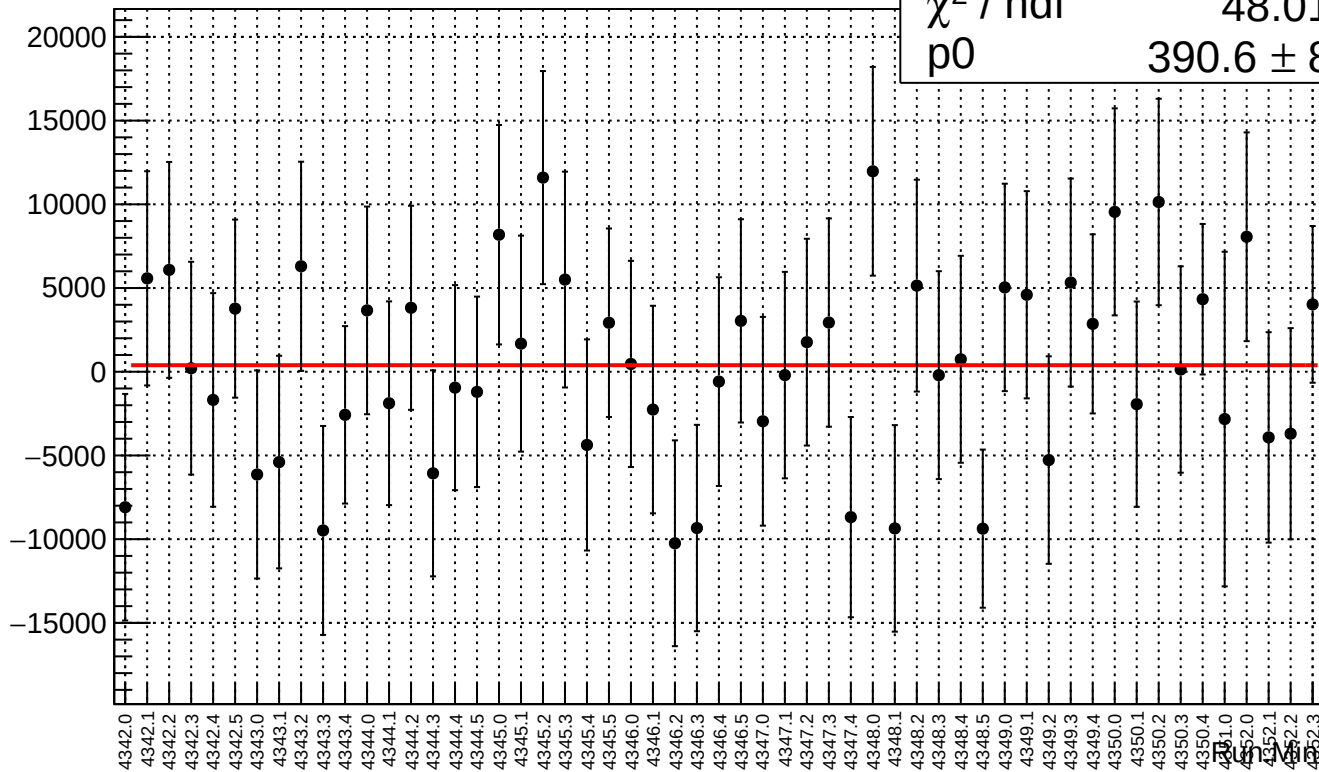


asym_at2_dd.mean/ppb

χ^2 / ndf
p0

48.01 / 54

390.6 ± 816.7

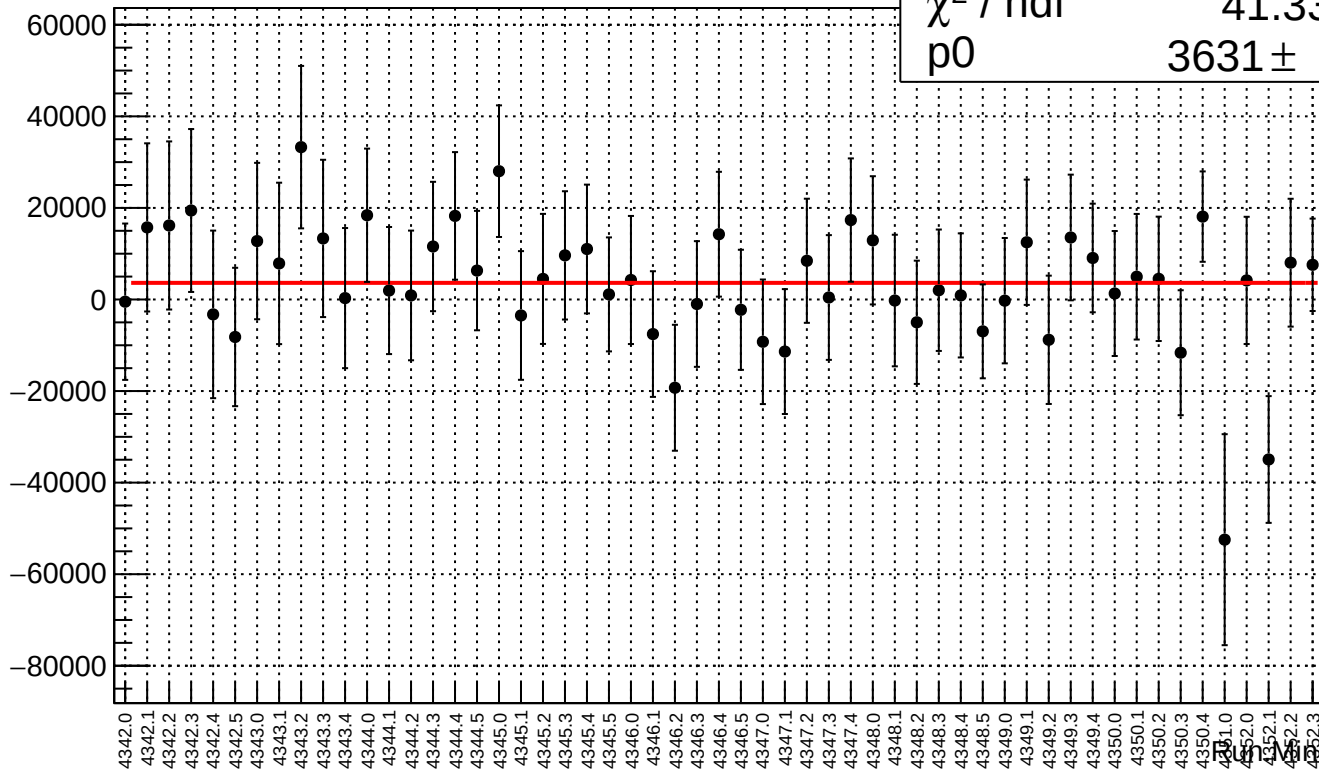


asym_atl1.mean/ppb

χ^2 / ndf
p0

41.33 / 54

3631 ± 1882

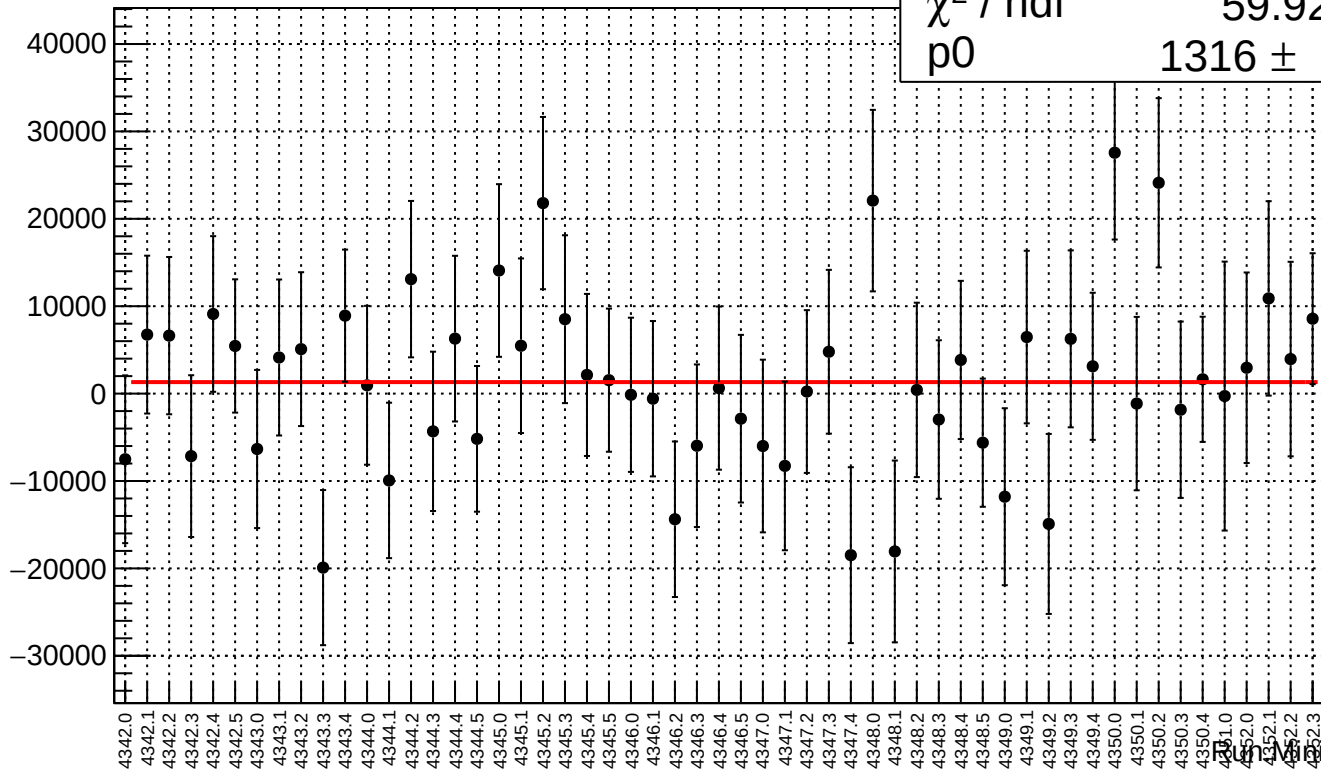


asym_atl1r2_avg.mean/ppb

χ^2 / ndf
p0

59.92 / 54

1316 ± 1245

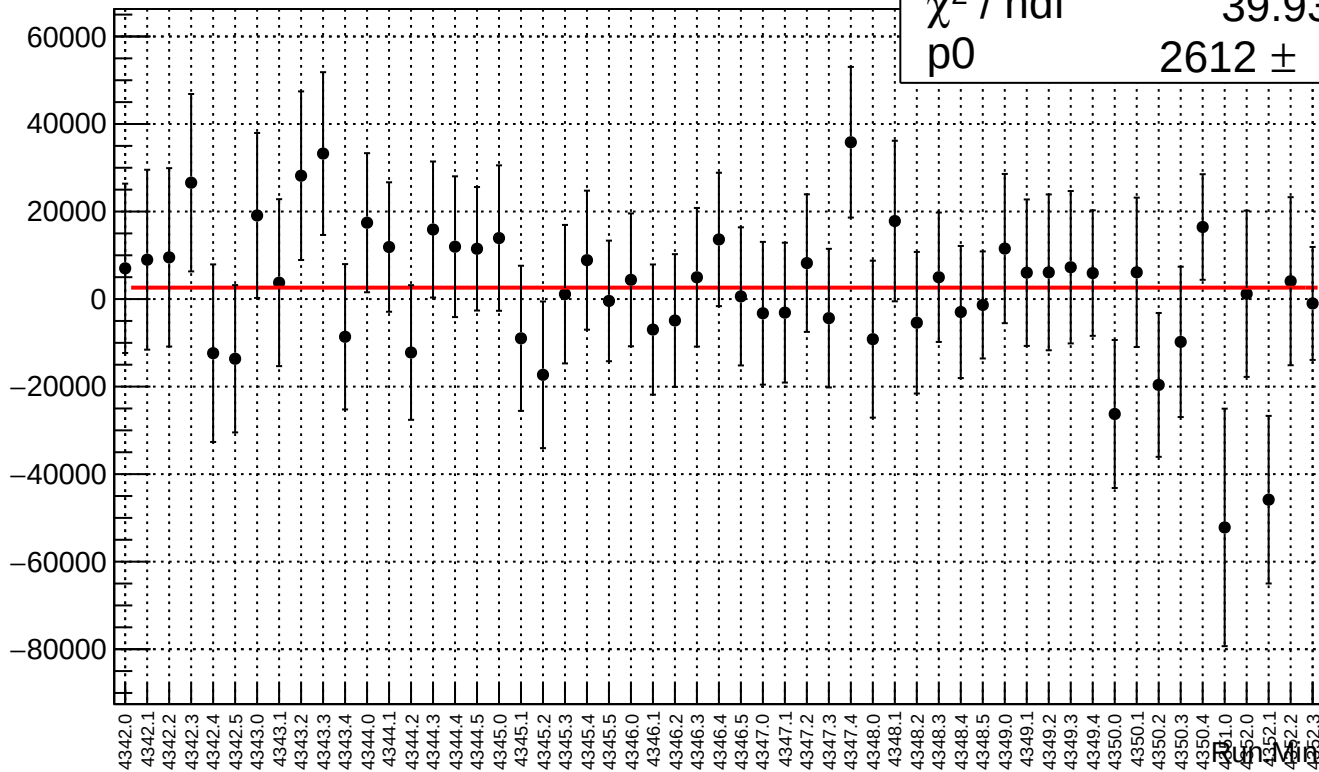


asym_atl1r2_dd.mean/ppb

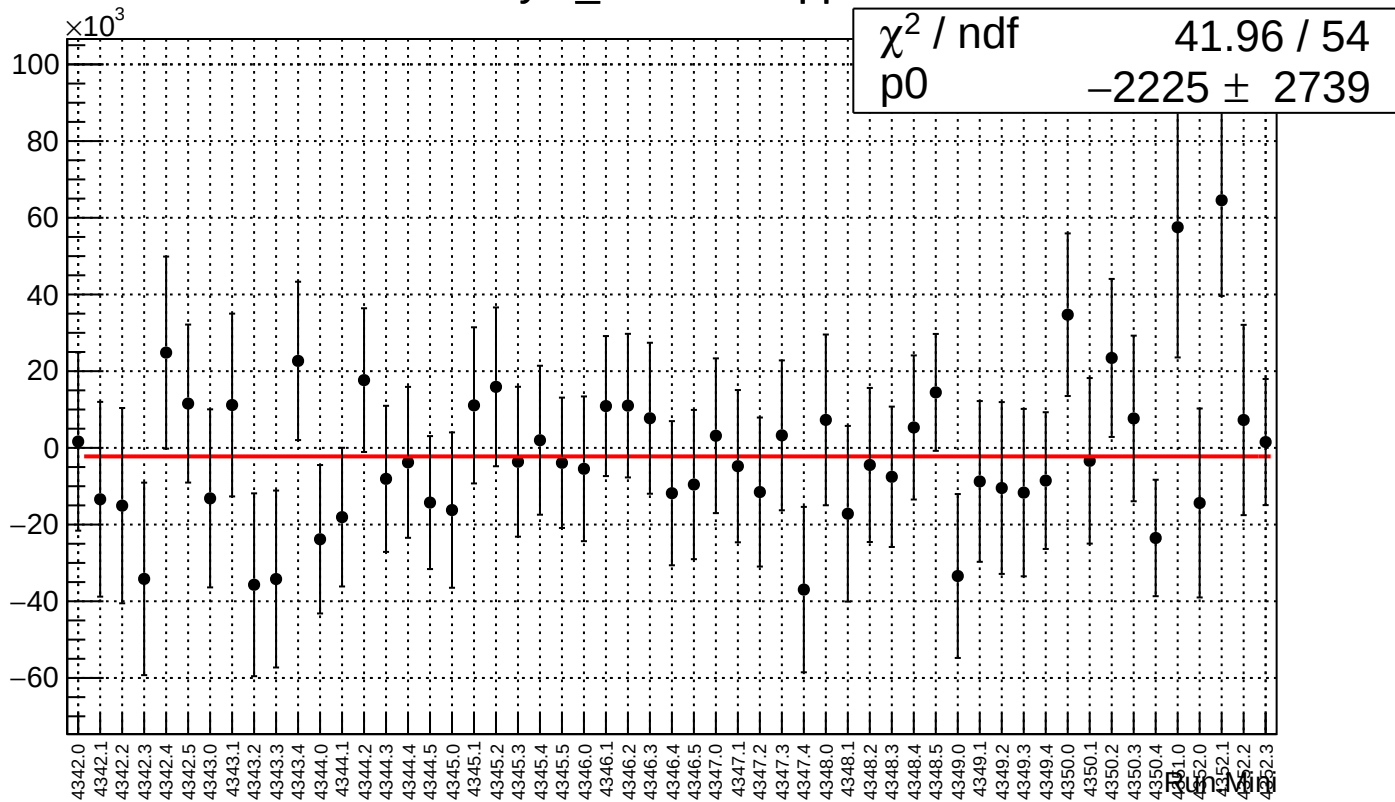
χ^2 / ndf
p0

39.93 / 54

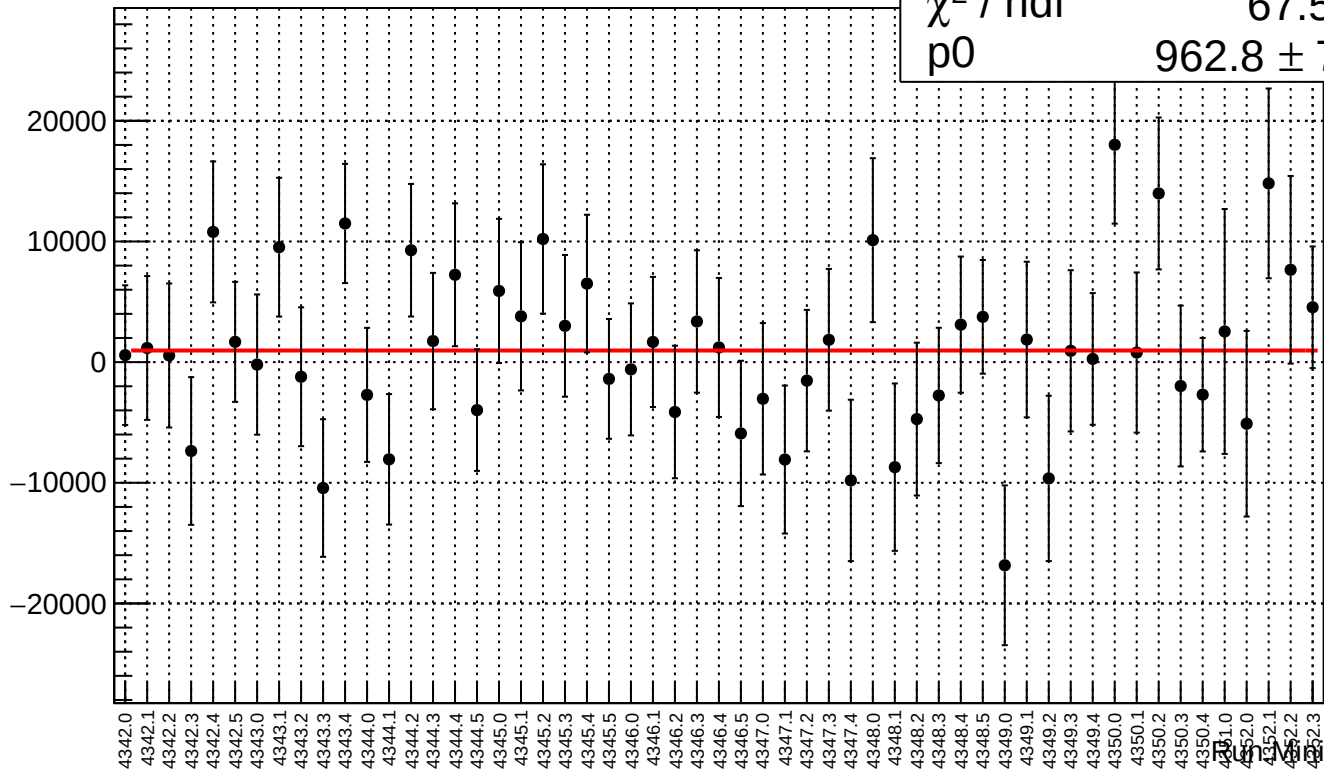
2612 ± 2206



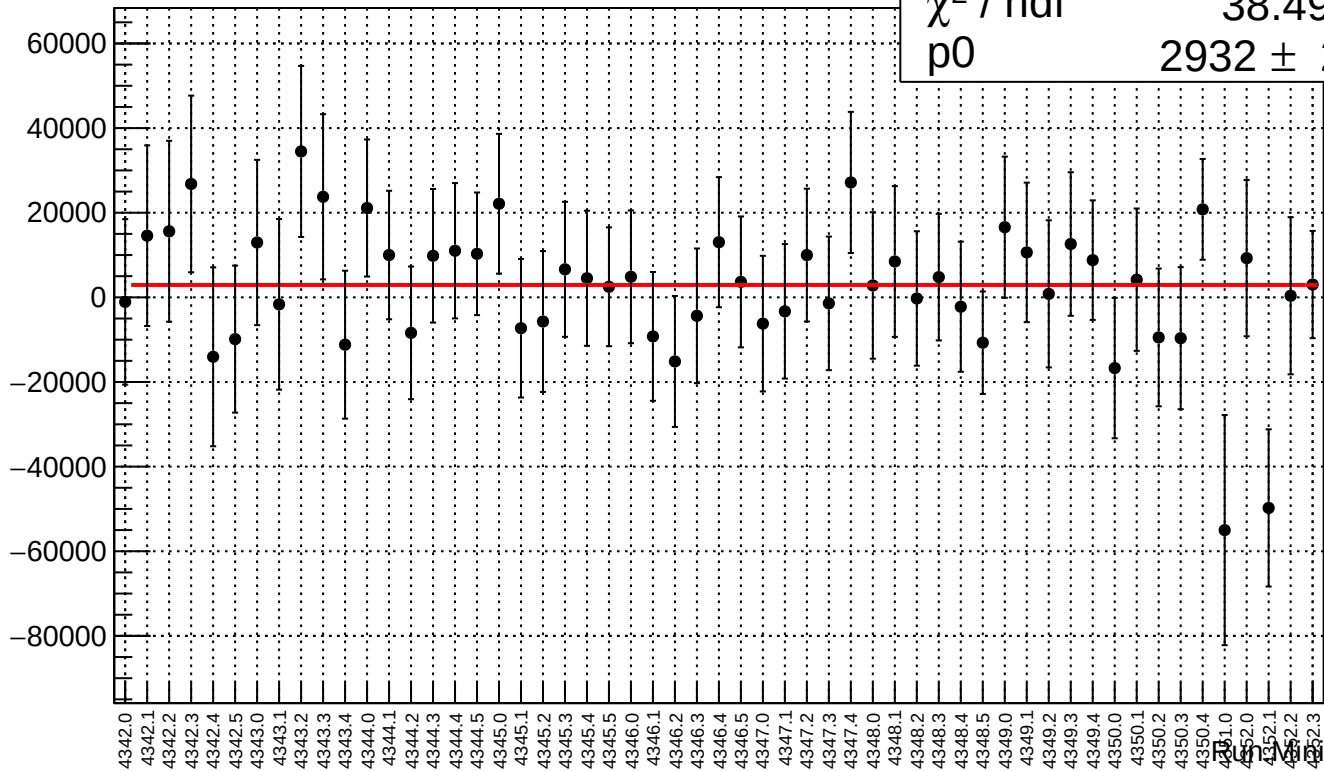
asym_atl2.mean/ppb



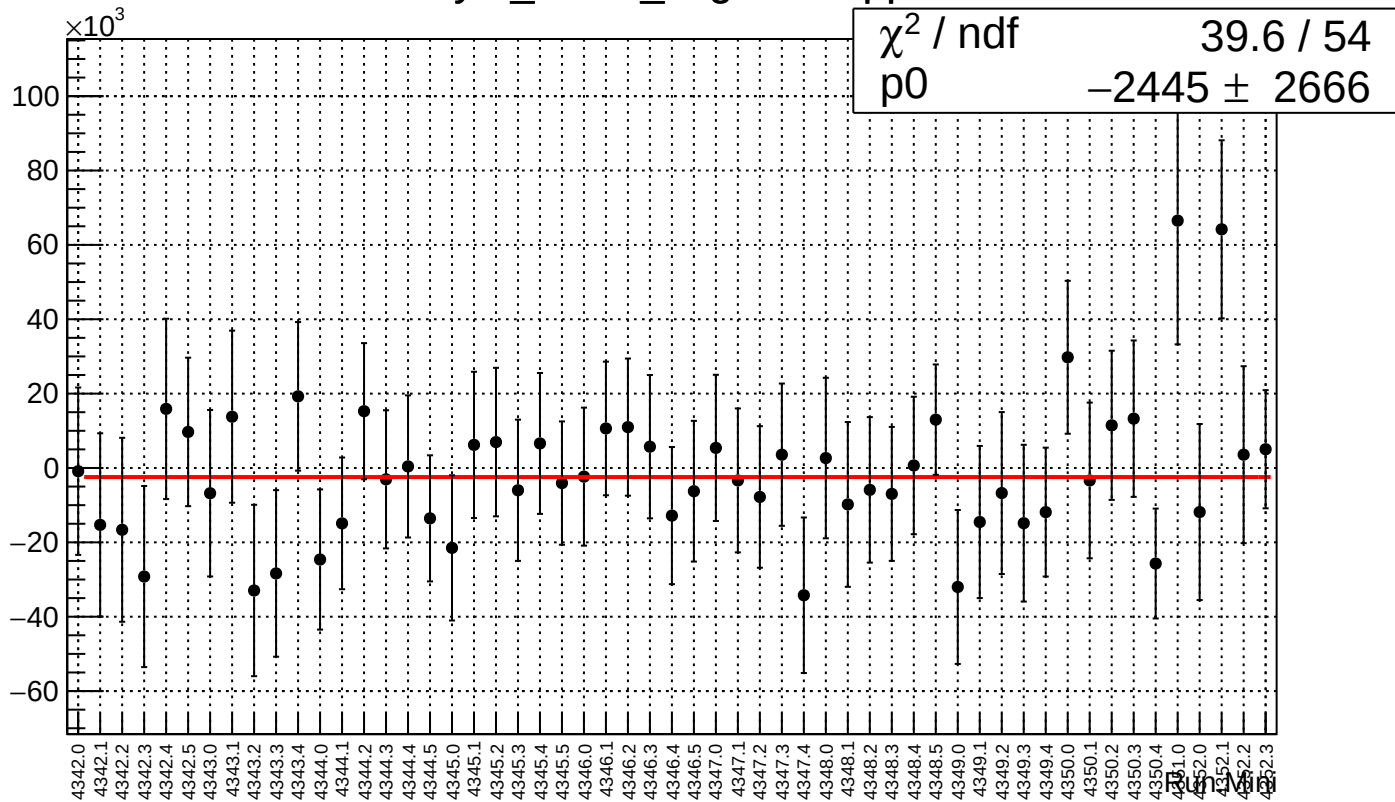
χ^2 / ndf	67.5 / 54
p0	962.8 ± 795.1



χ^2 / ndf	38.49 / 54
p0	2932 ± 2212



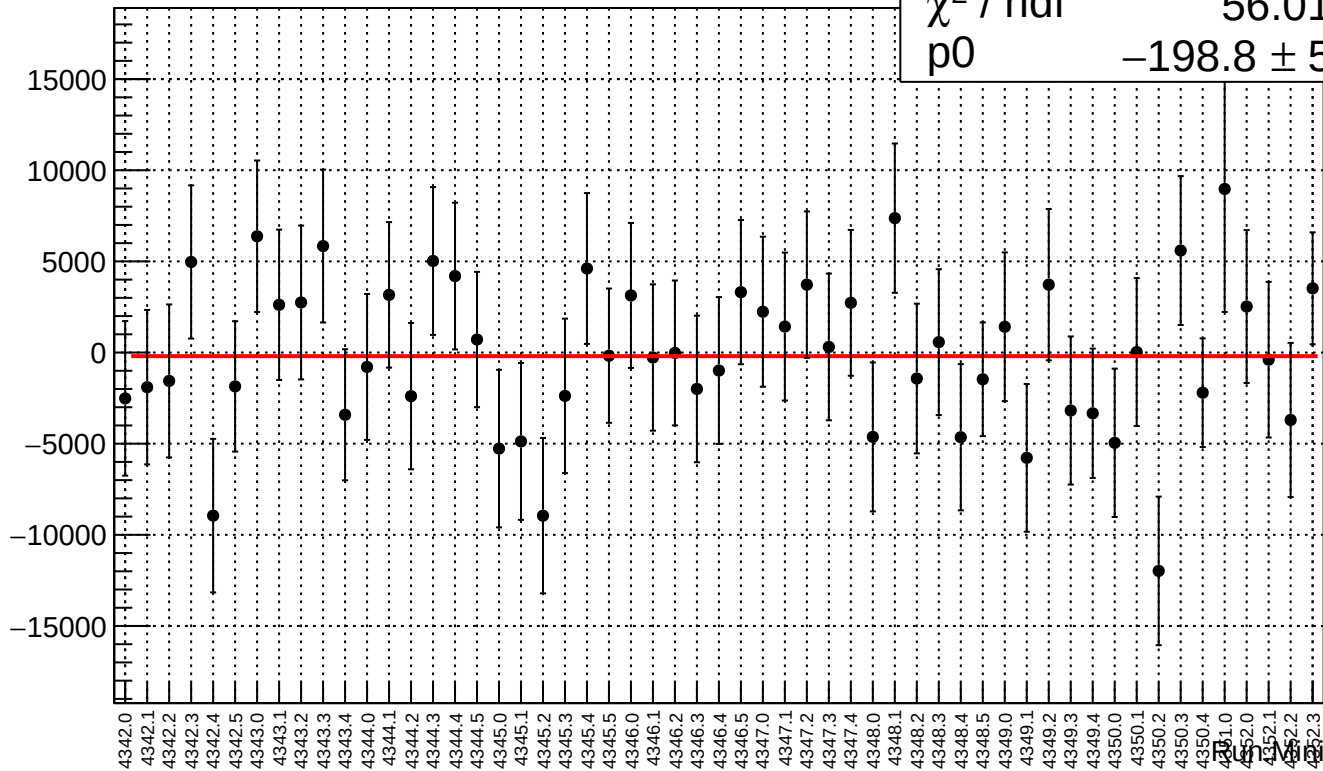
asym_atr1l2_avg.mean/ppb



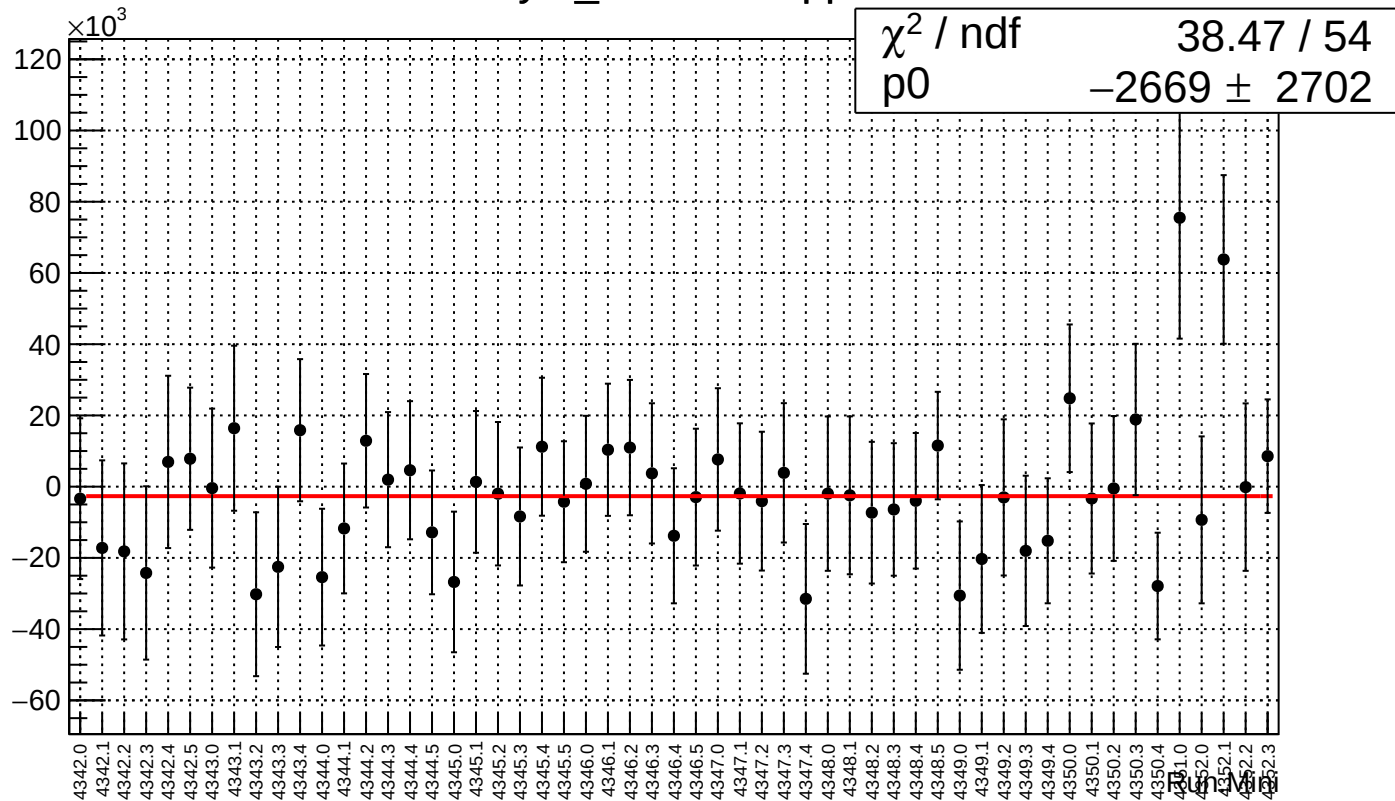
asym_atr1l2_dd.mean/ppb

χ^2 / ndf
p0

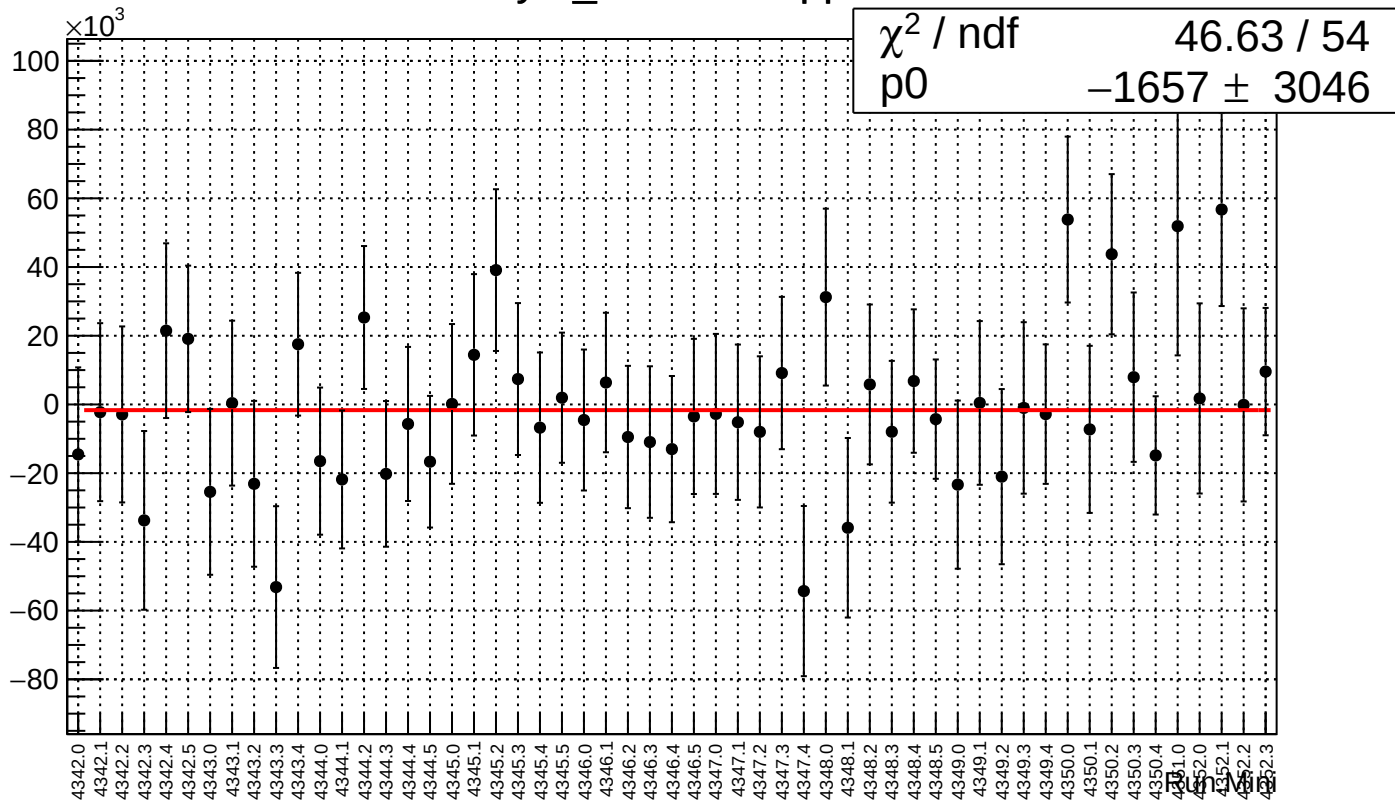
56.01 / 54
 -198.8 ± 537.9



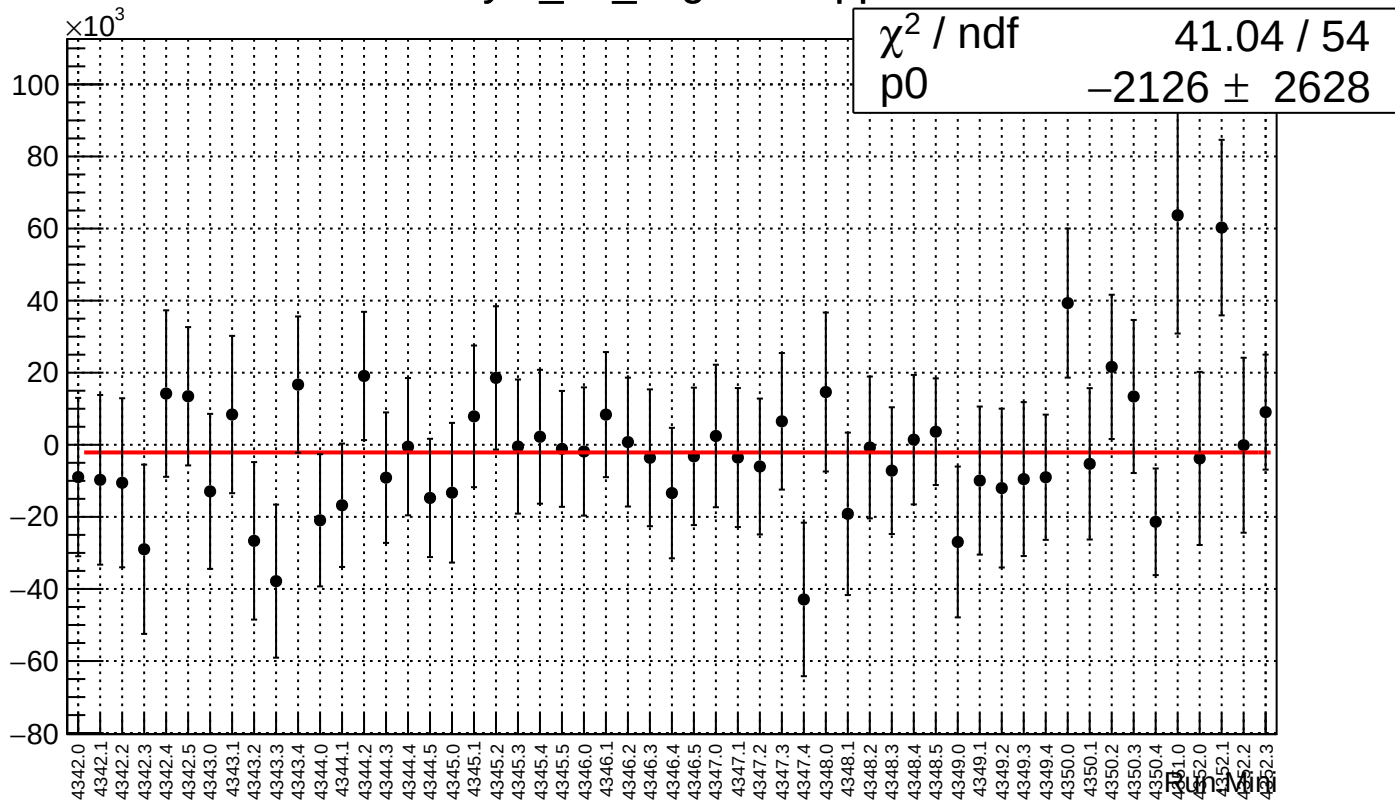
asym_atr1.mean/ppb



asym_atr2.mean/ppb



asym_atr_avg.mean/ppb

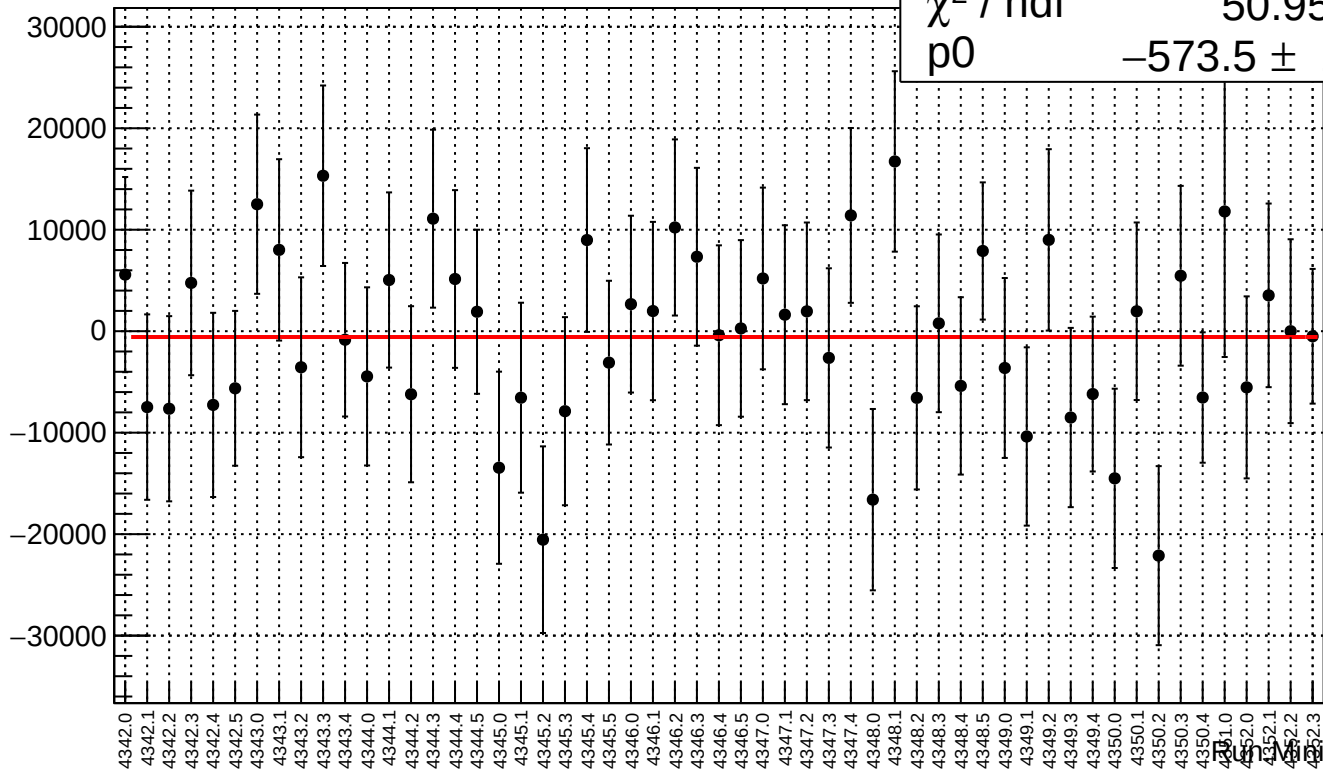


asym_atr_dd.mean/ppb

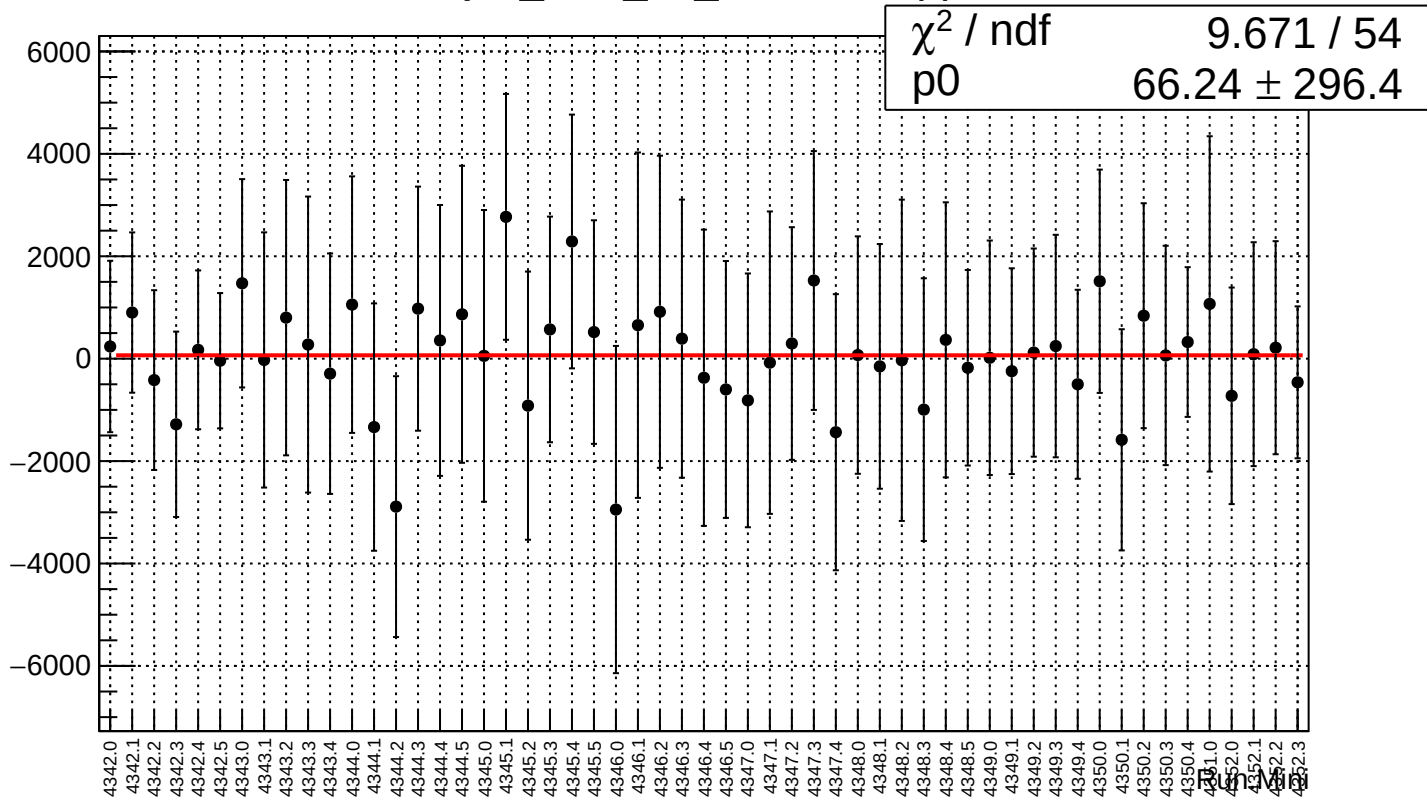
χ^2 / ndf
p0

50.95 / 54

-573.5 ± 1166



asym_bcm_an_ds3.mean/ppb

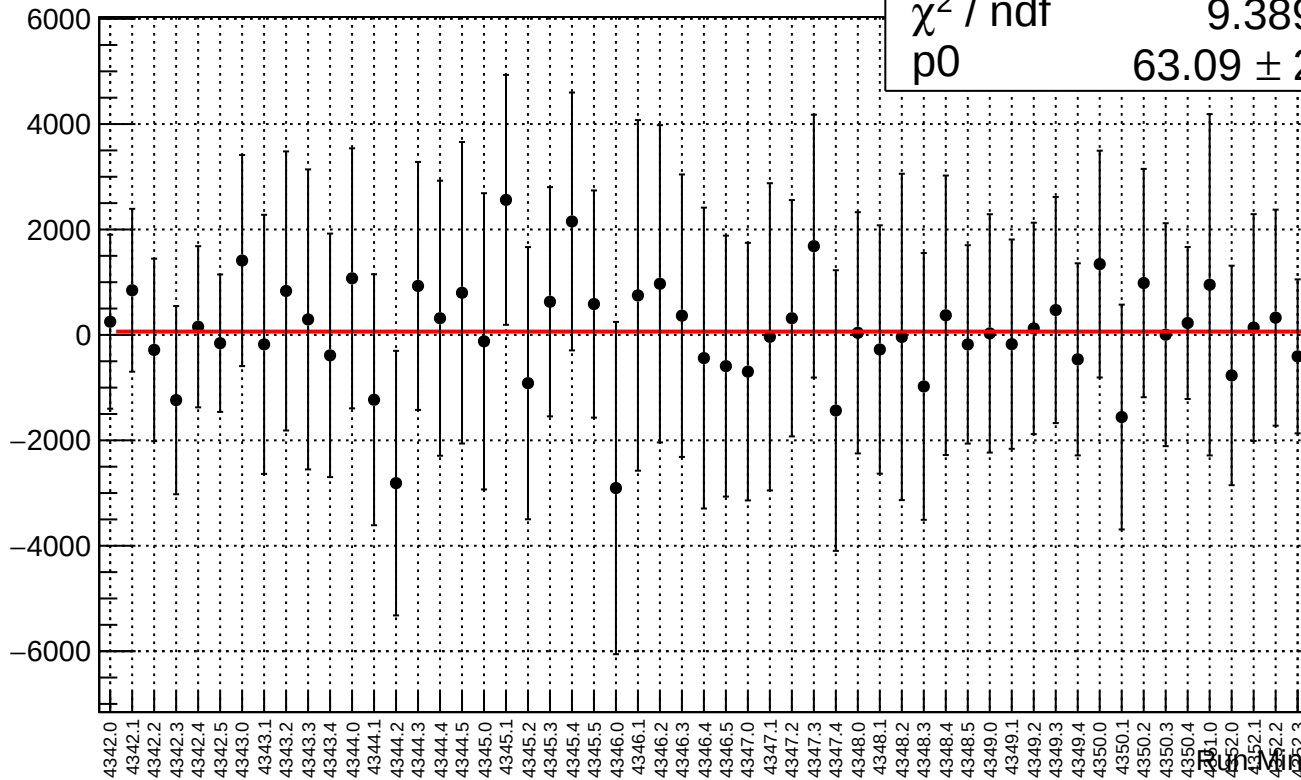


asym_bcm_an_ds.mean/ppb

χ^2 / ndf
p0

9.389 / 54

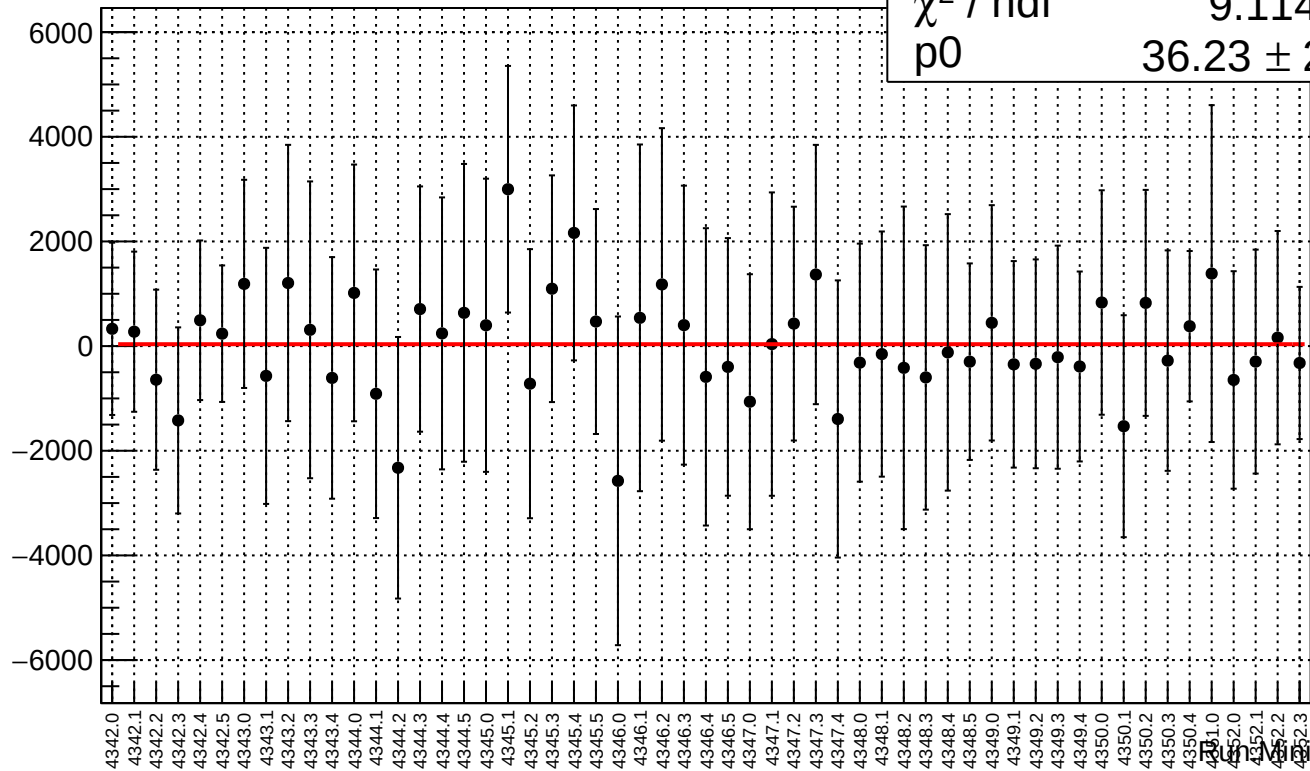
63.09 ± 292.3



asym_bcm_an_us.mean/ppb

χ^2 / ndf
p0

9.114 / 54
 36.23 ± 291.1



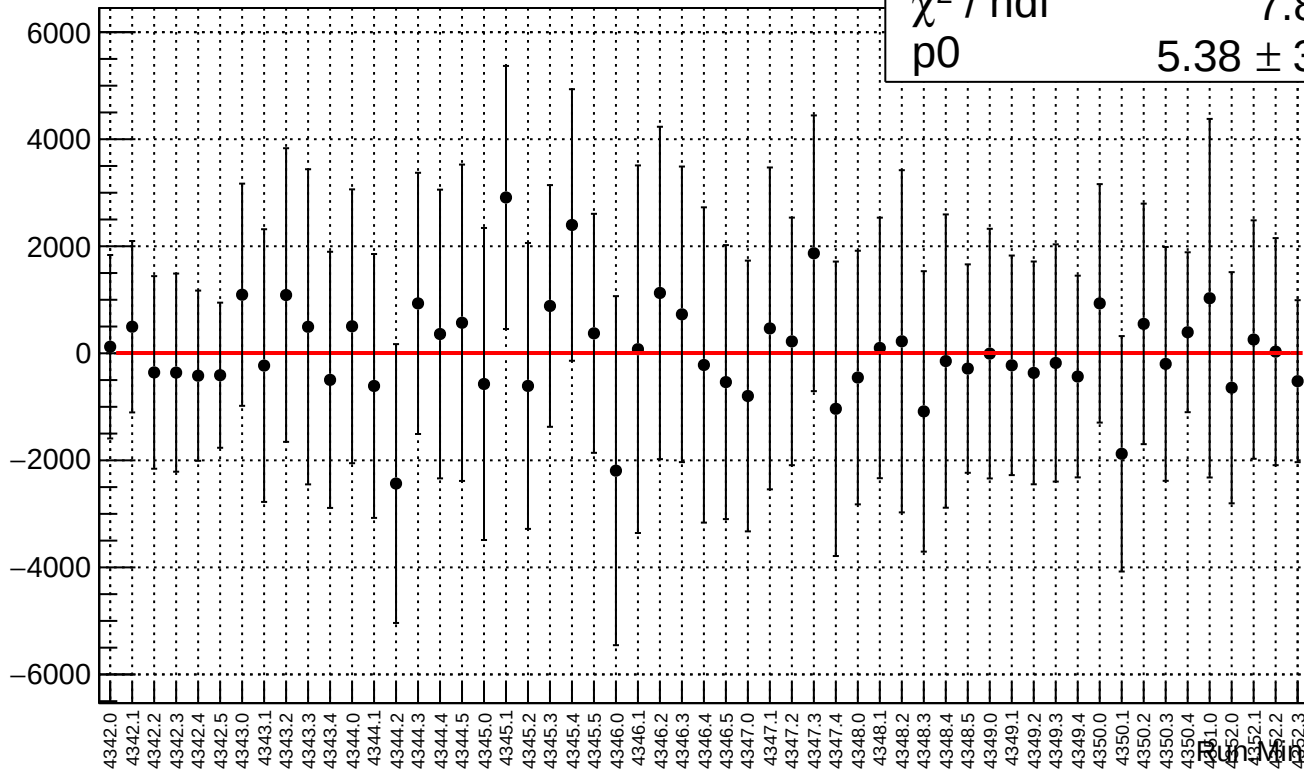
Run 33

asym_bcm_dg_ds.mean/ppb

χ^2 / ndf
p0

7.8 / 54

5.38 ± 302.7

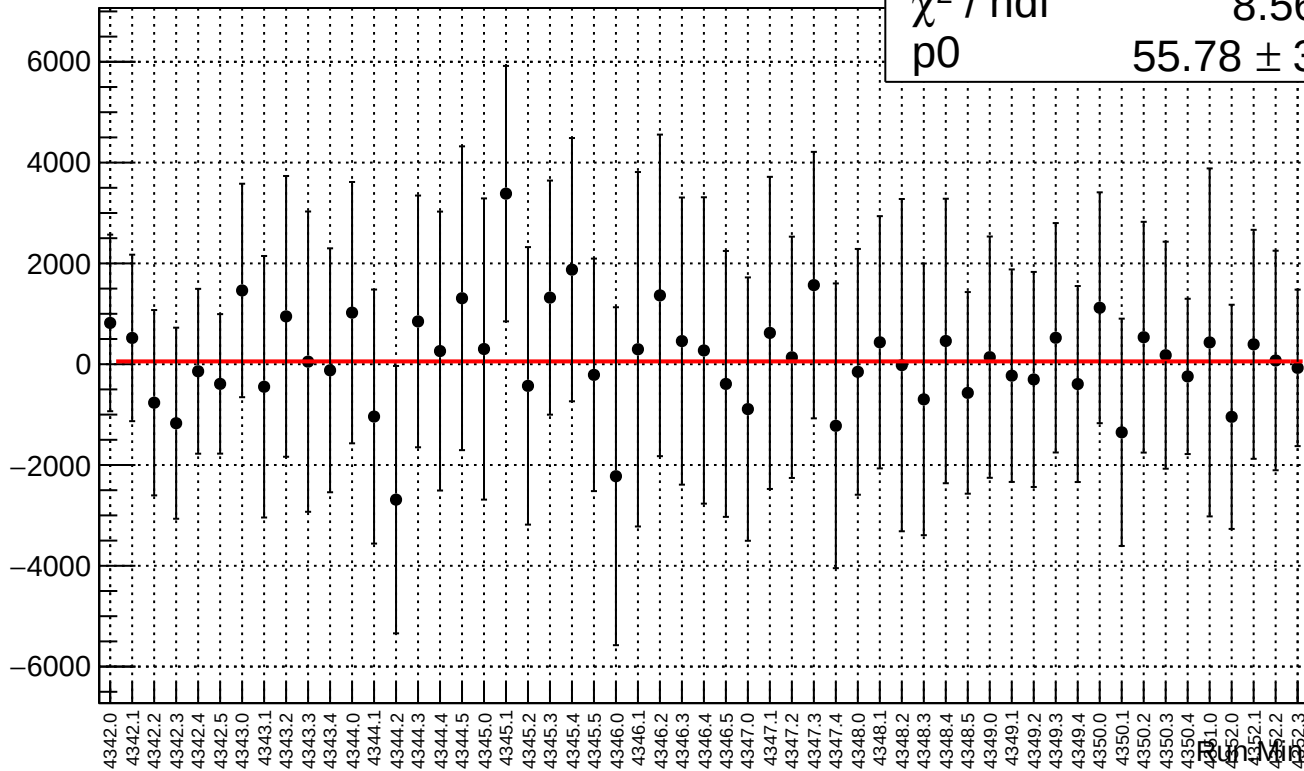


asym_bcm_dg_us.mean/ppb

χ^2 / ndf
p0

8.56 / 54

55.78 ± 310.6



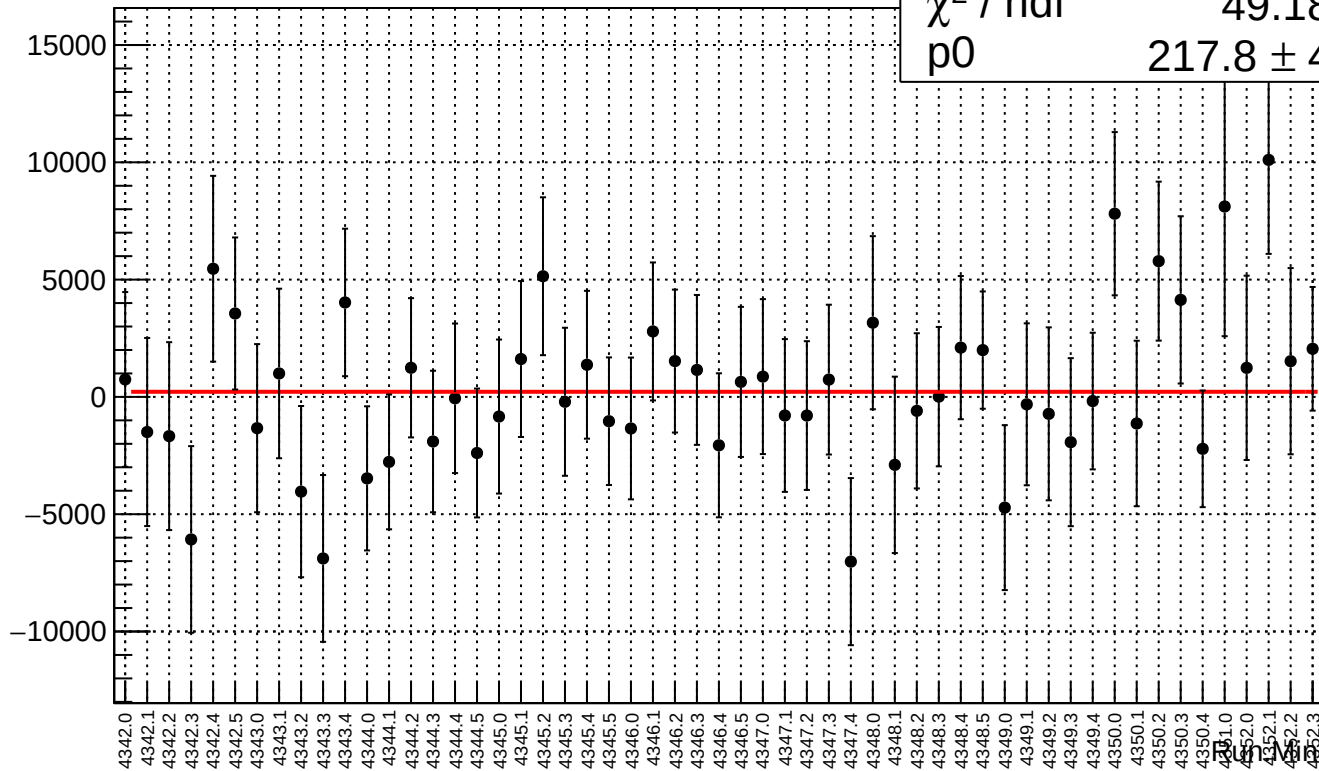
Run 13

asym_ds_avg.mean/ppb

χ^2 / ndf
p0

49.18 / 54

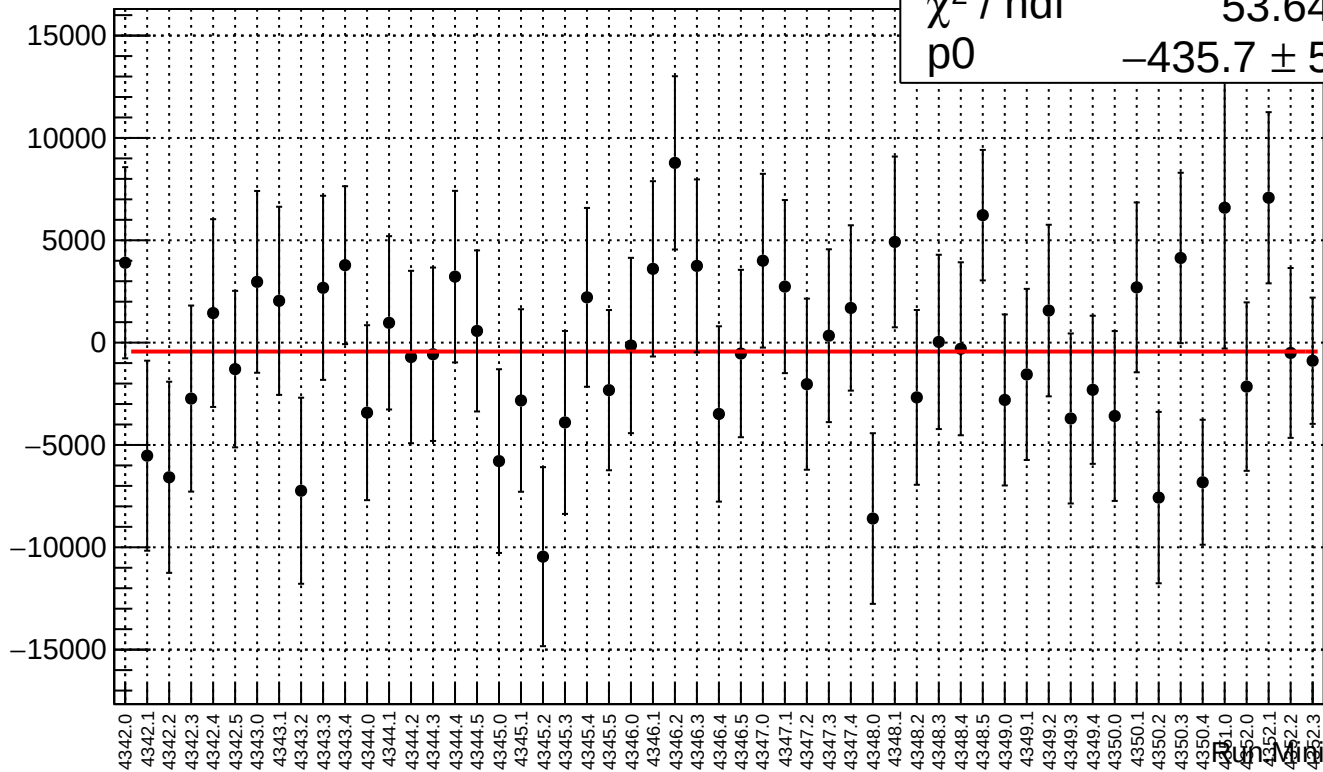
217.8 ± 441.8



asym_ds_dd.mean/ppb

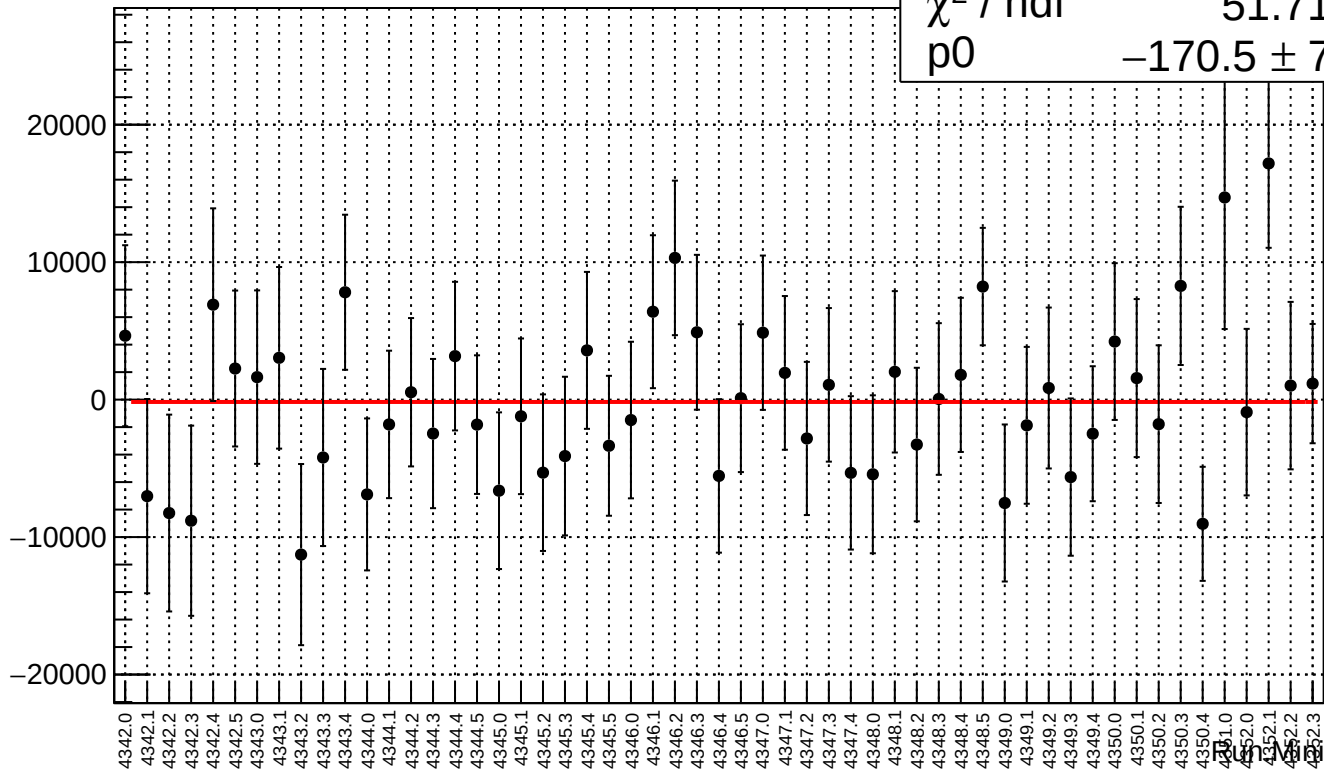
χ^2 / ndf
p0

53.64 / 54
 -435.7 ± 561.2



asym_dsl.mean/ppb

χ^2 / ndf 51.71 / 54
p0 -170.5 ± 763.8

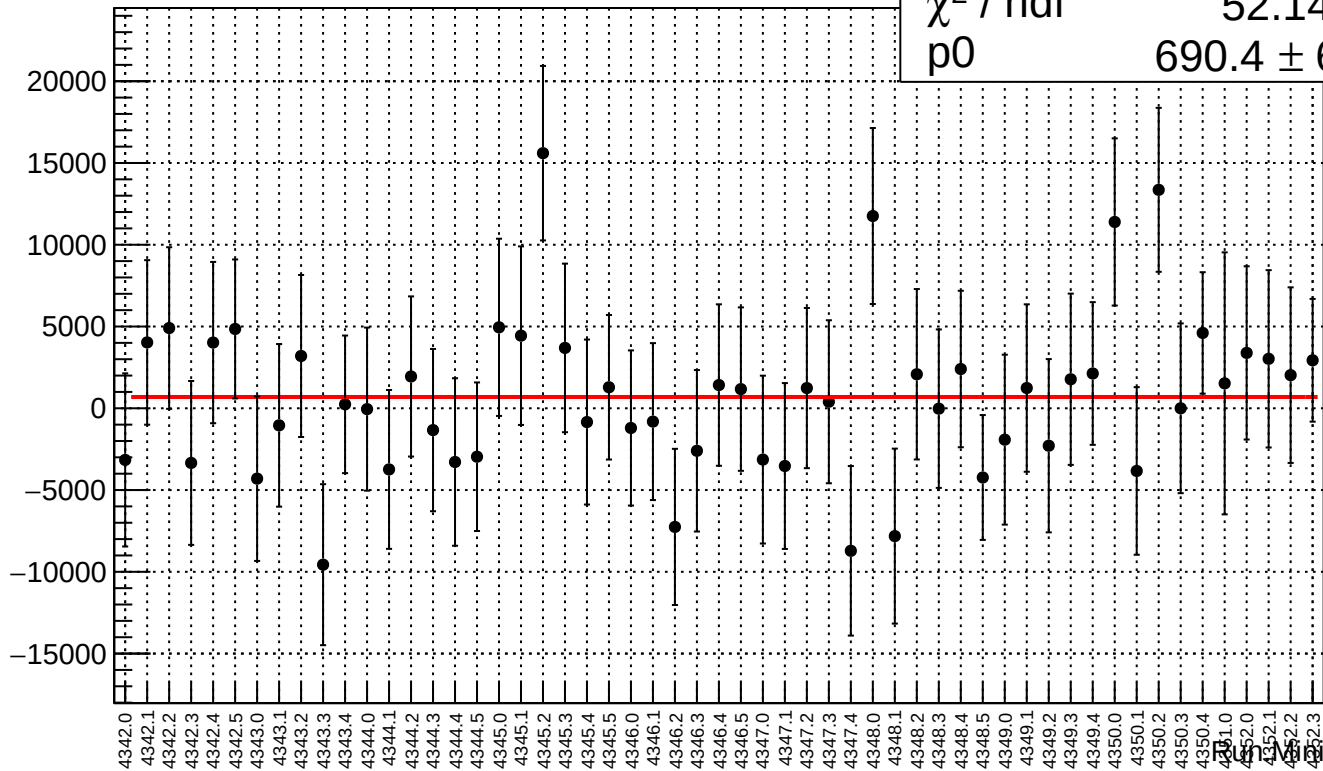


asym_dsr.mean/ppb

χ^2 / ndf
p0

52.14 / 54

690.4 ± 662.1

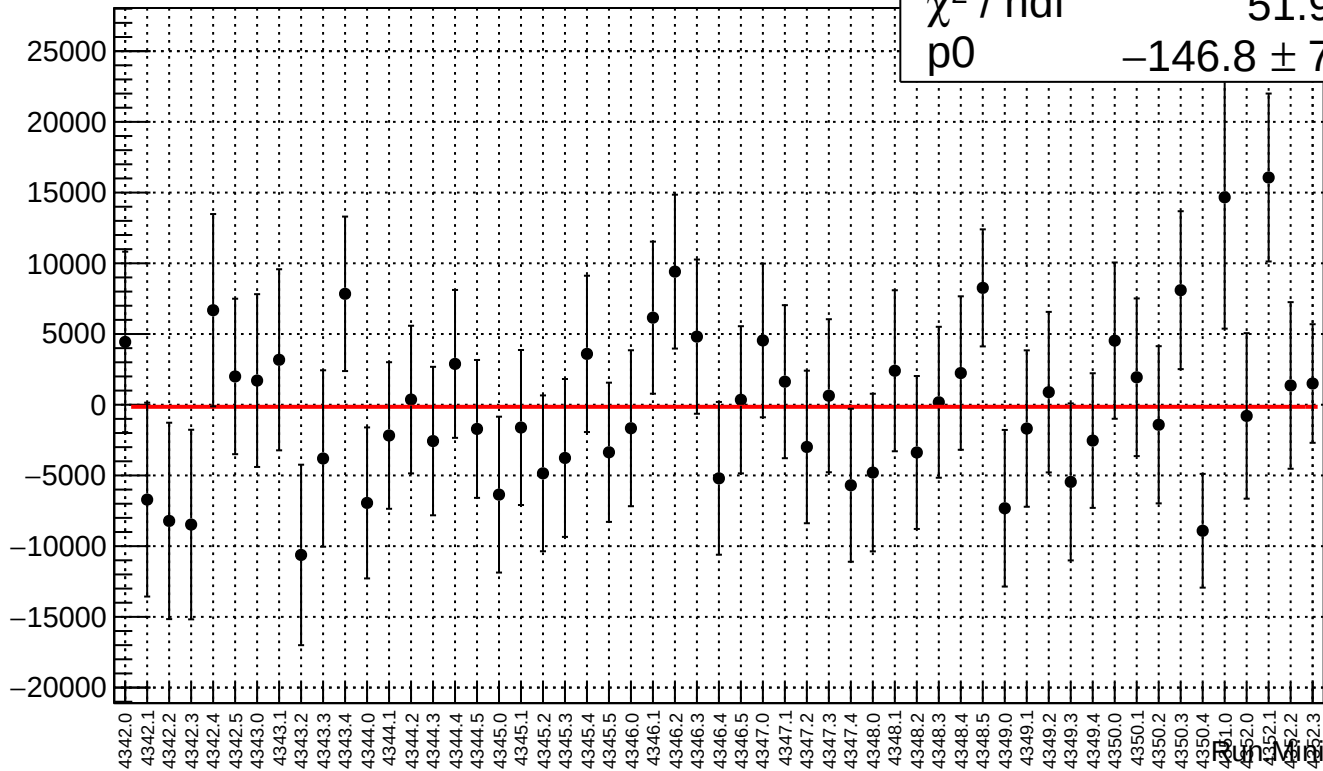


asym_left_avg.mean/ppb

χ^2 / ndf
p0

51.9 / 54

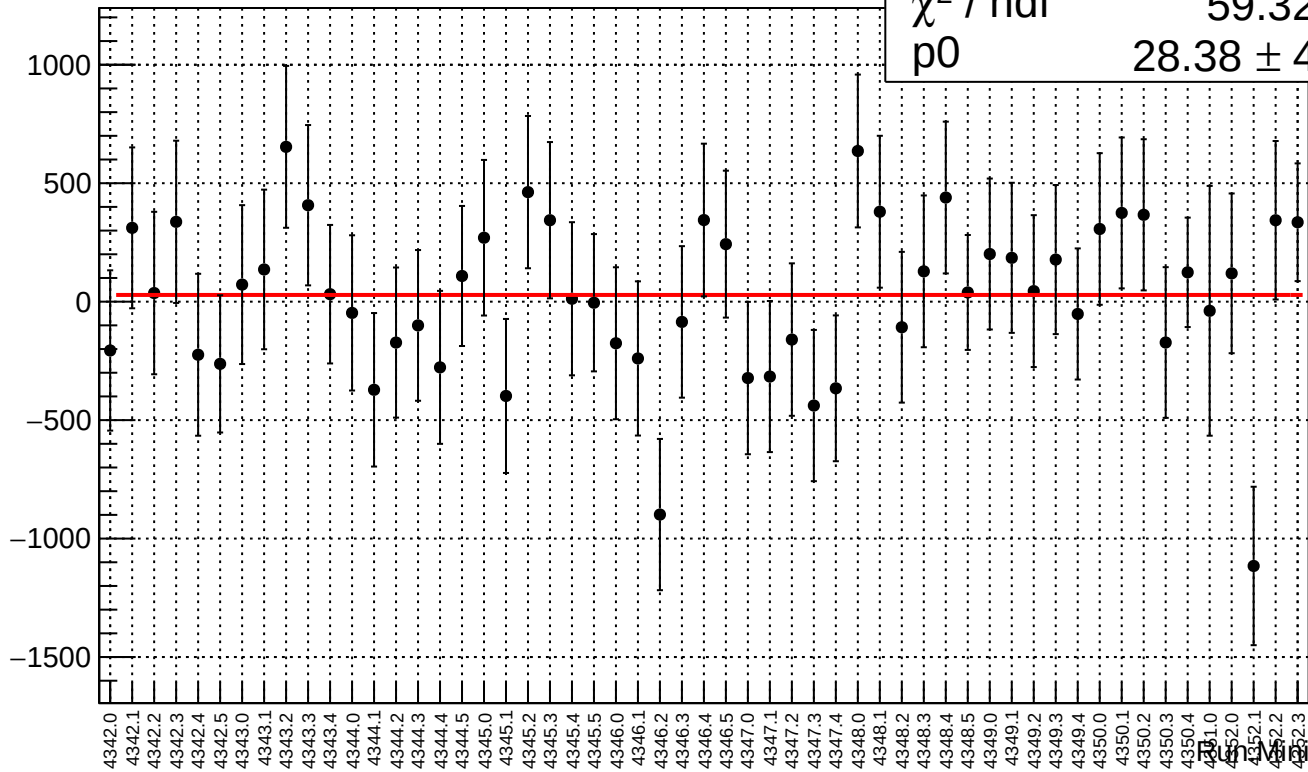
-146.8 ± 739.5



asym_left_dd.mean/ppb

χ^2 / ndf
p0

59.32 / 54
 28.38 ± 42.57

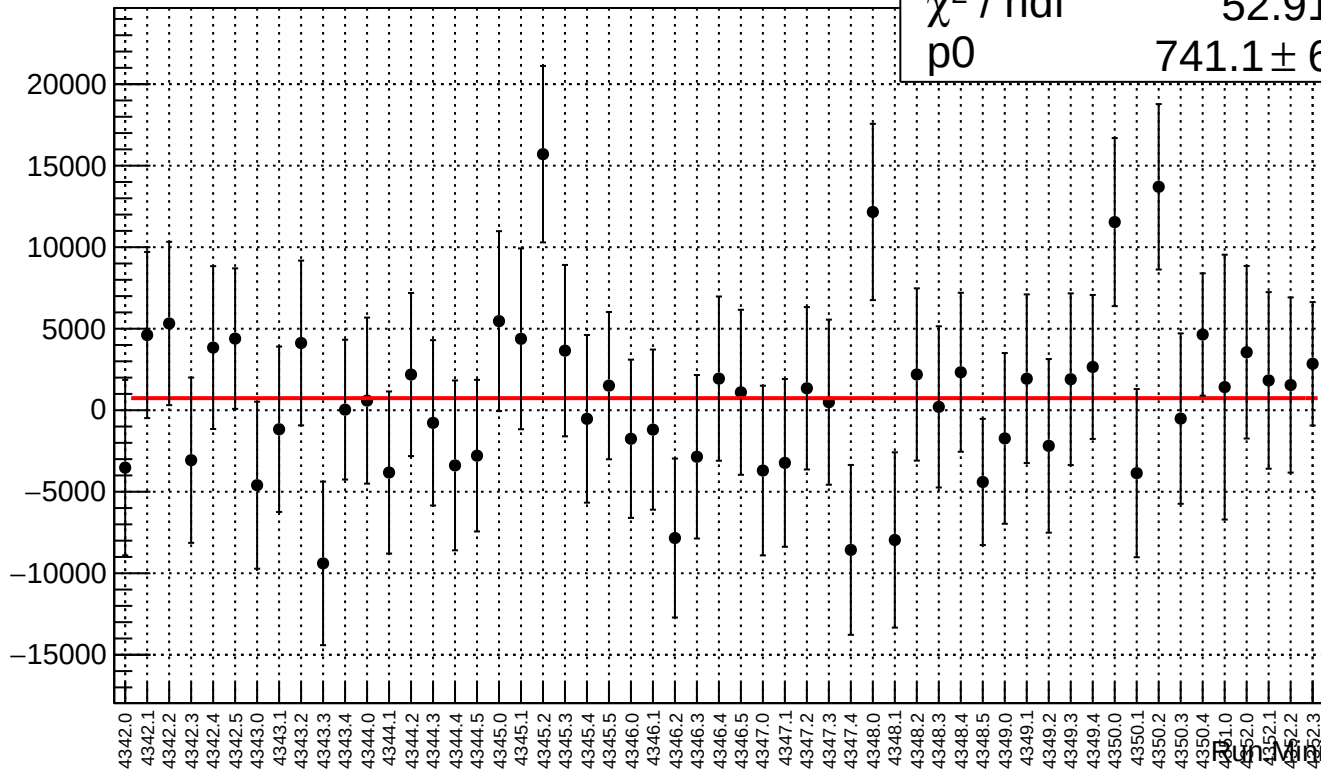


asym_right_avg.mean/ppb

χ^2 / ndf
p0

52.91 / 54

741.1 ± 671.7



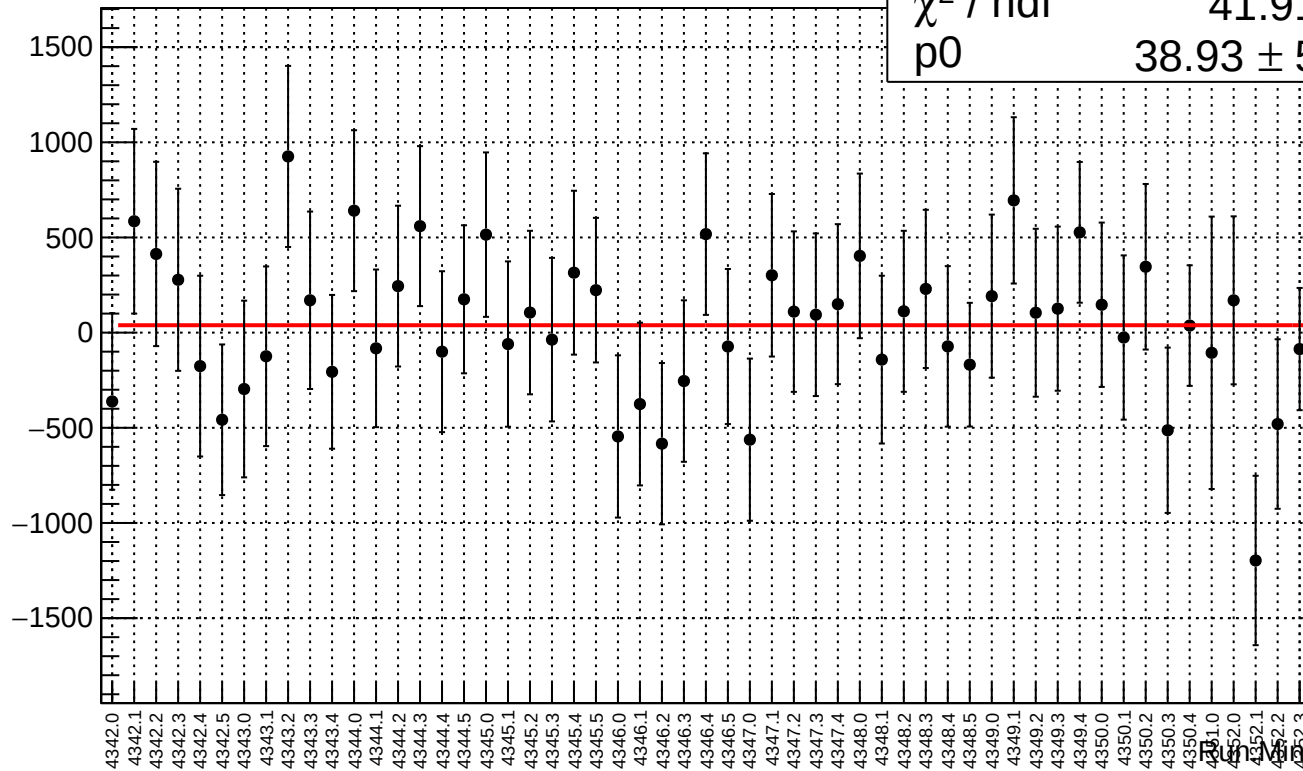
Run Number

asym_right_dd.mean/ppb

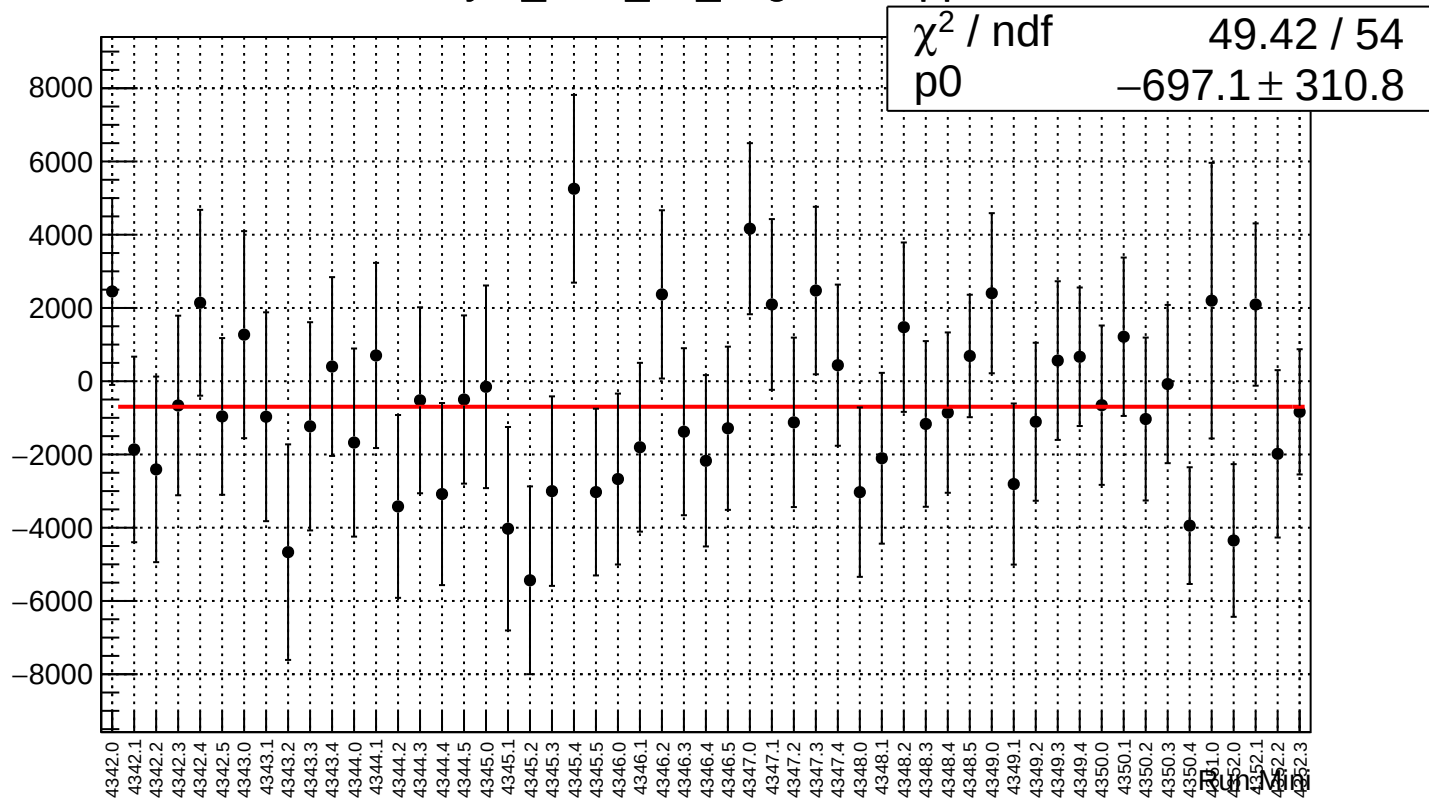
χ^2 / ndf
p0

41.91 / 54

38.93 ± 57.12



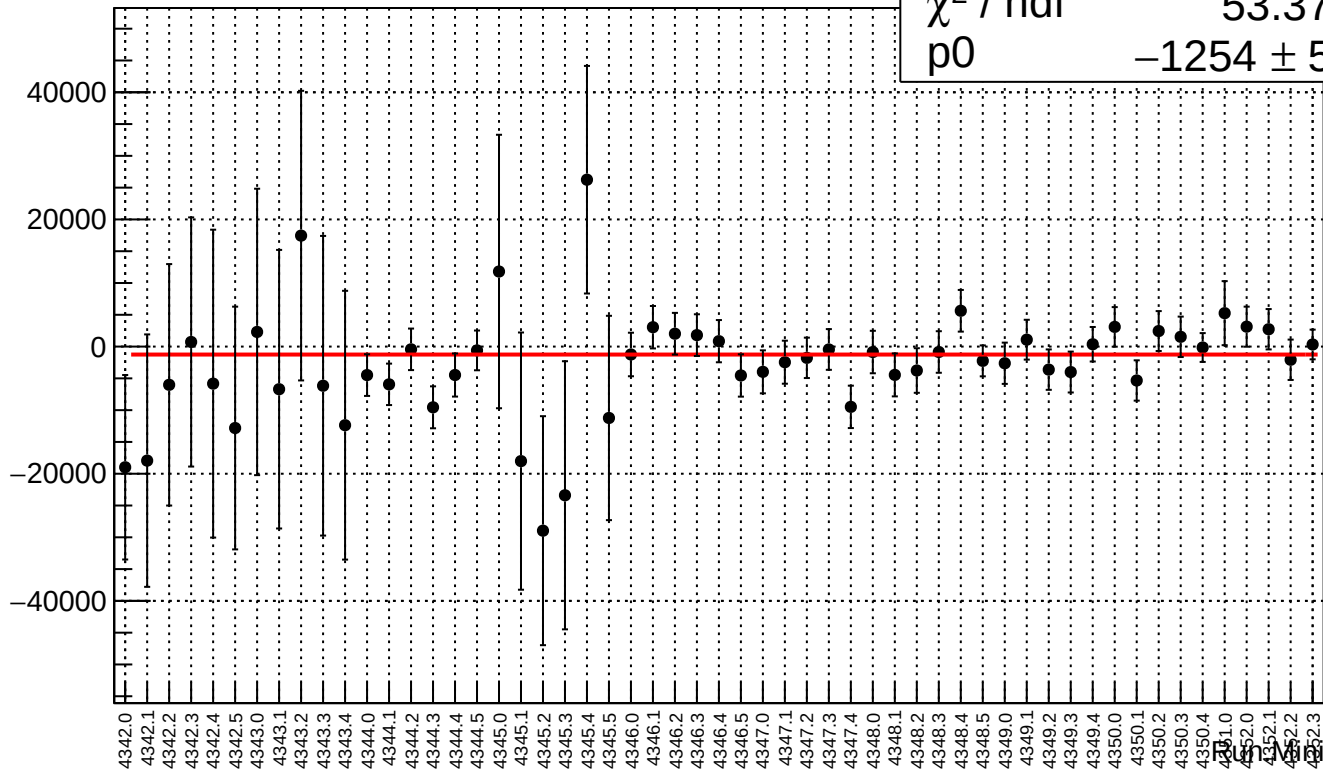
asym_sam_15_avg.mean/ppb



asym_sam_15_dd.mean/ppb

χ^2 / ndf
p0

53.37 / 54
 -1254 ± 508.2

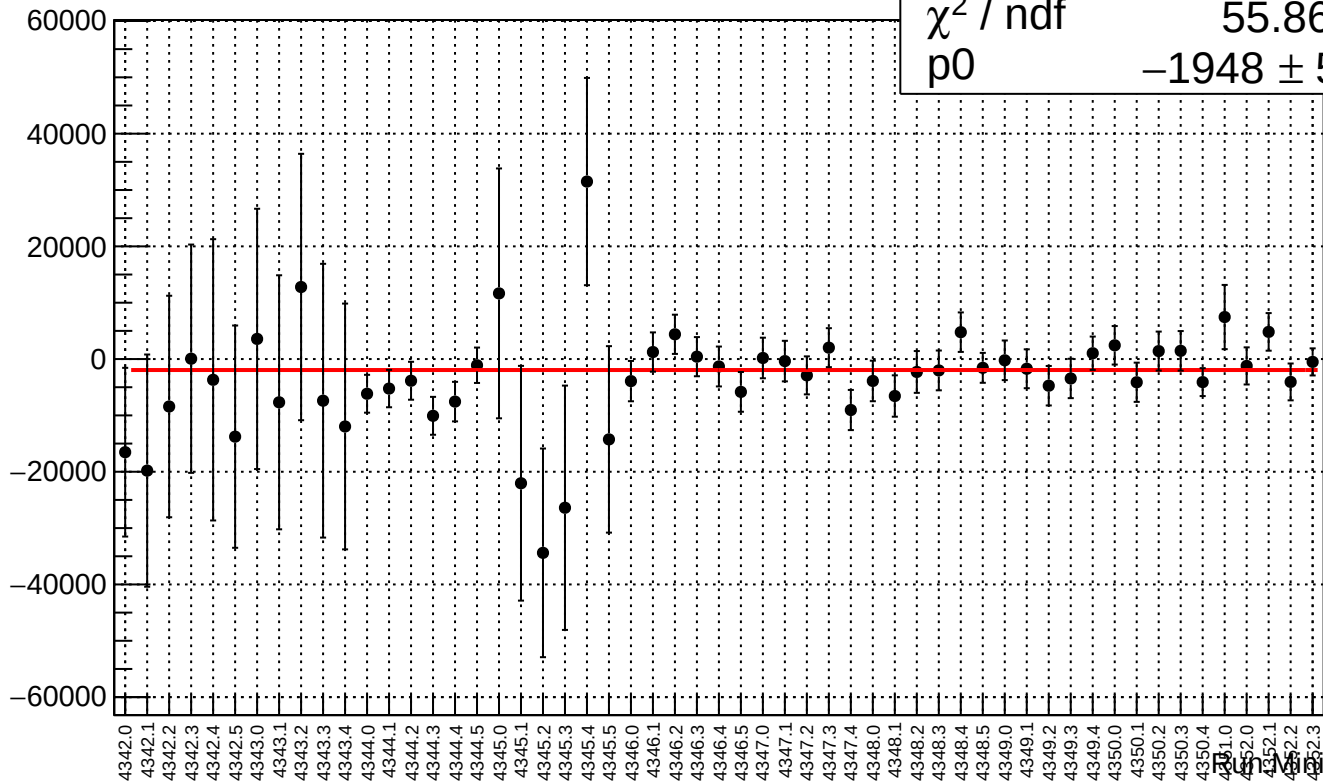


Run 13

asym_sam1.mean/ppb

χ^2 / ndf
p0

55.86 / 54
 -1948 ± 541.1

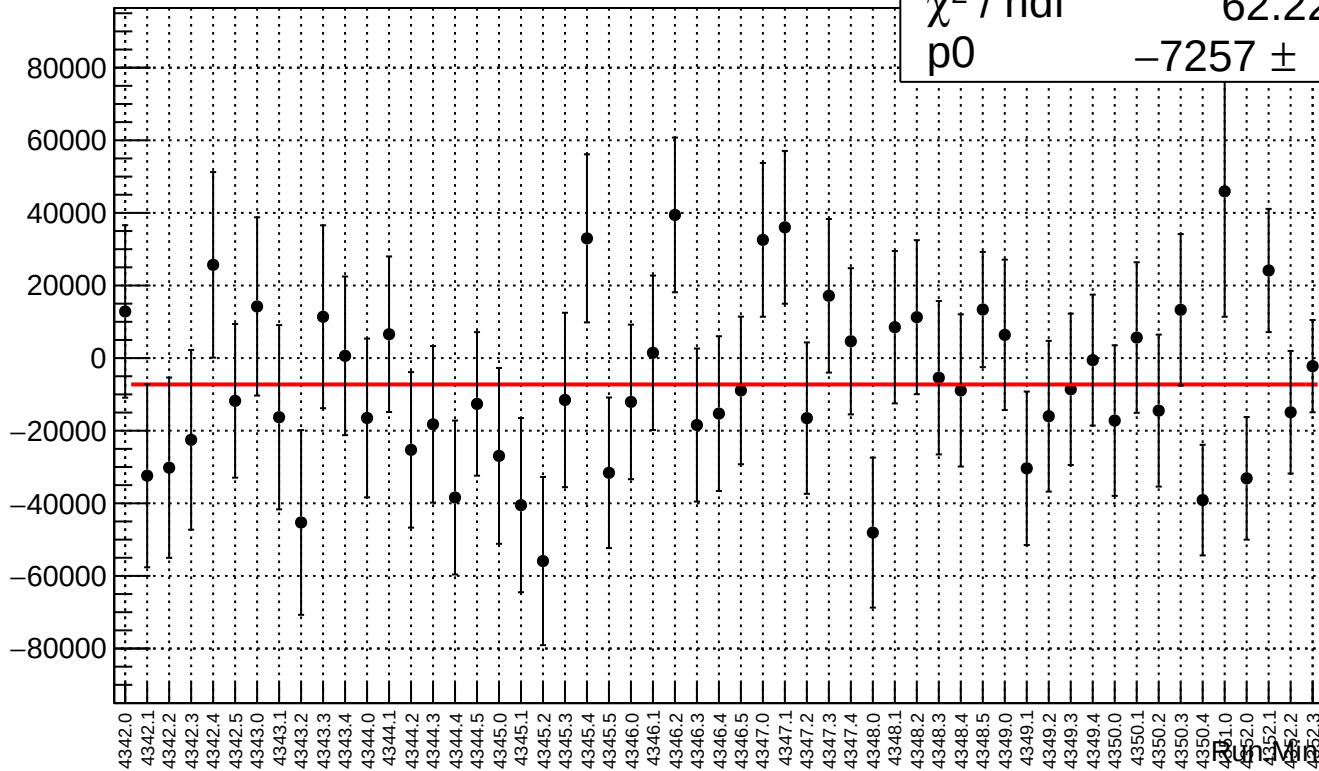


asym_sam_26_avg.mean/ppb

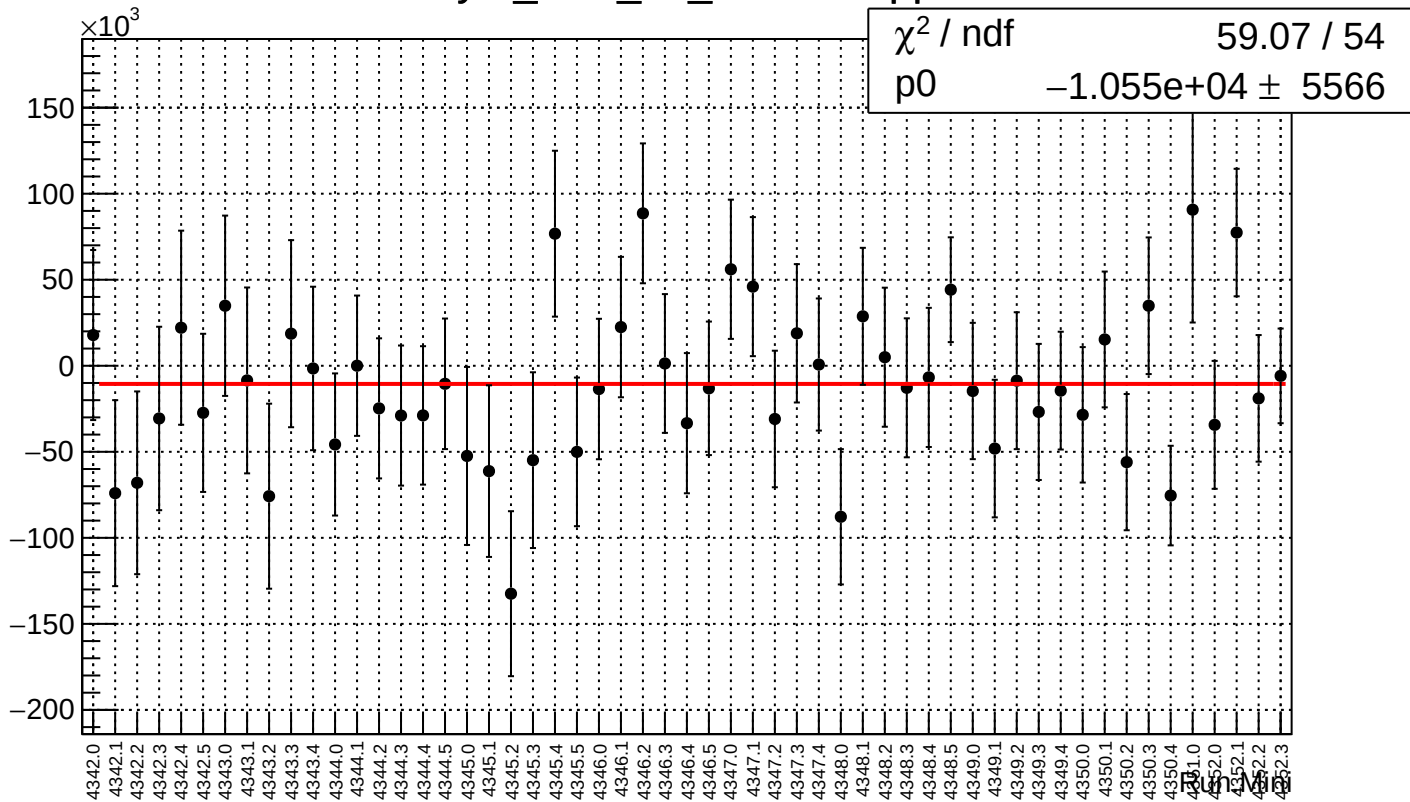
χ^2 / ndf
p0

62.22 / 54

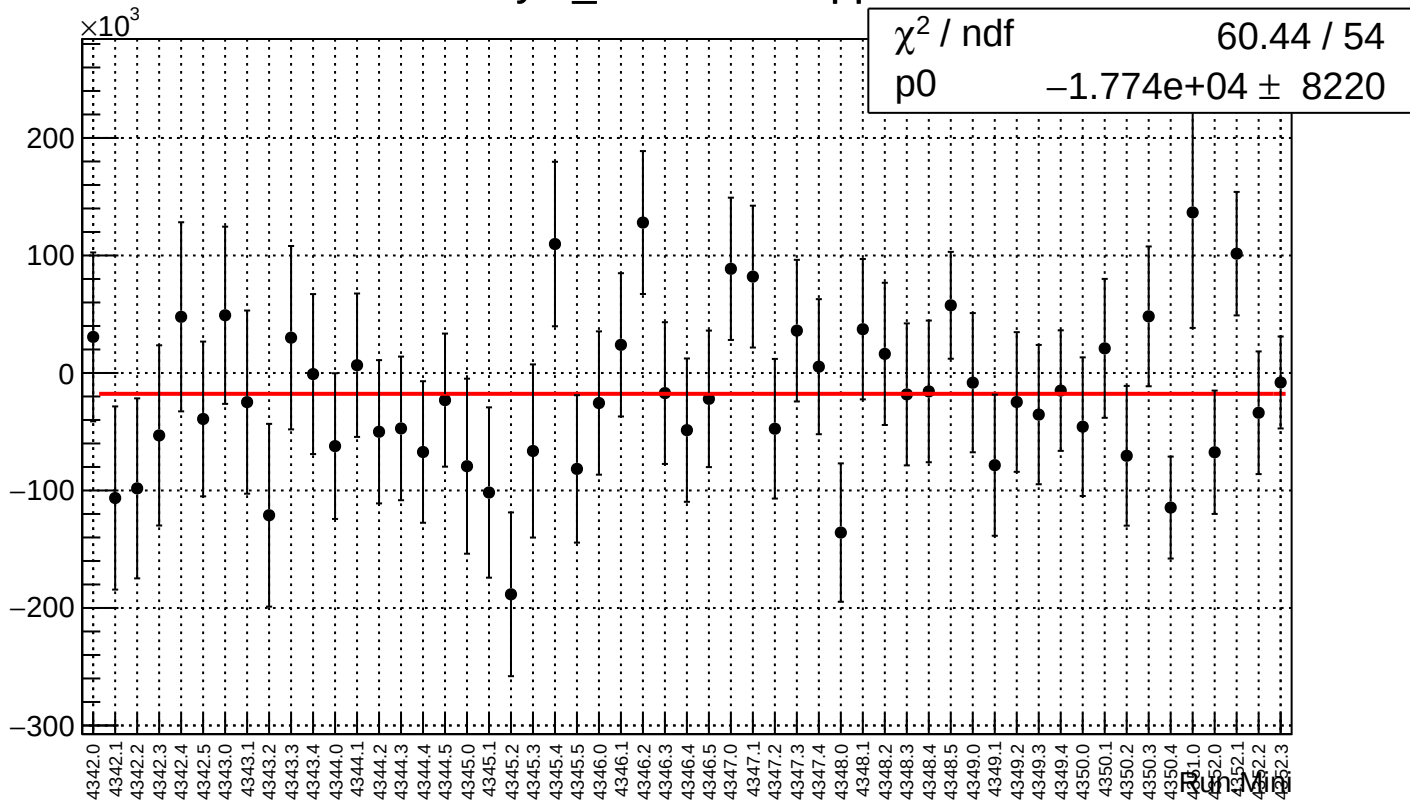
-7257 ± 2806



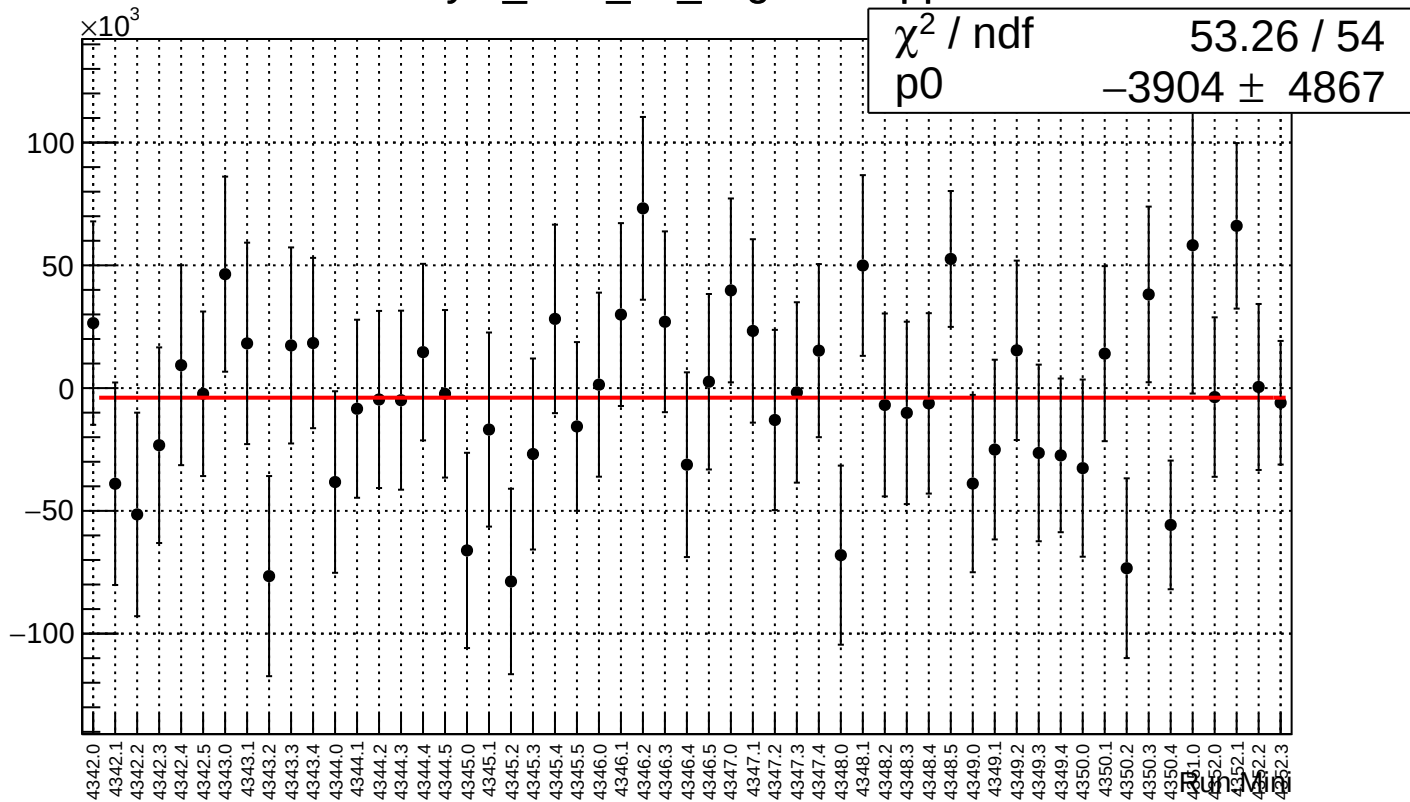
asym_sam_26_dd.mean/ppb



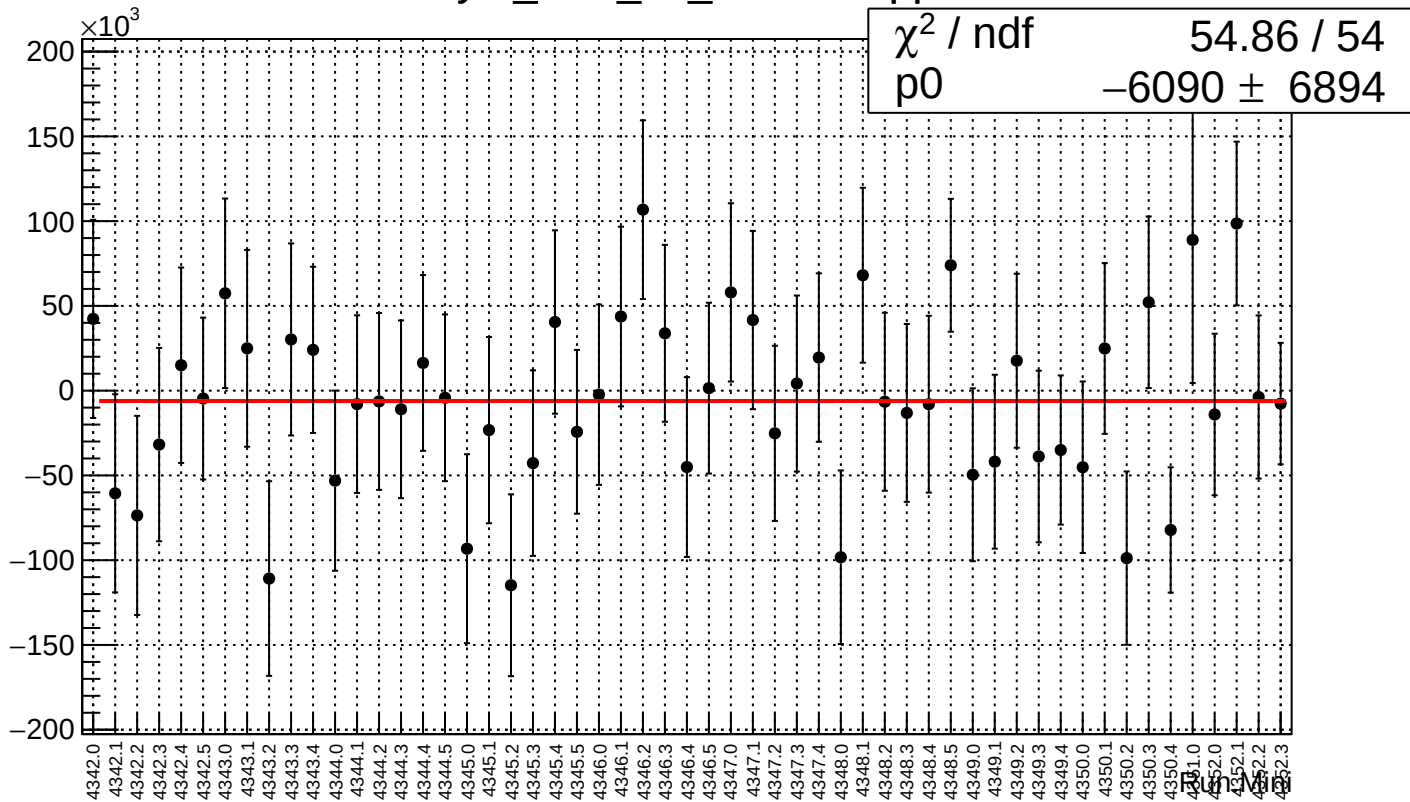
asym_sam2.mean/ppb



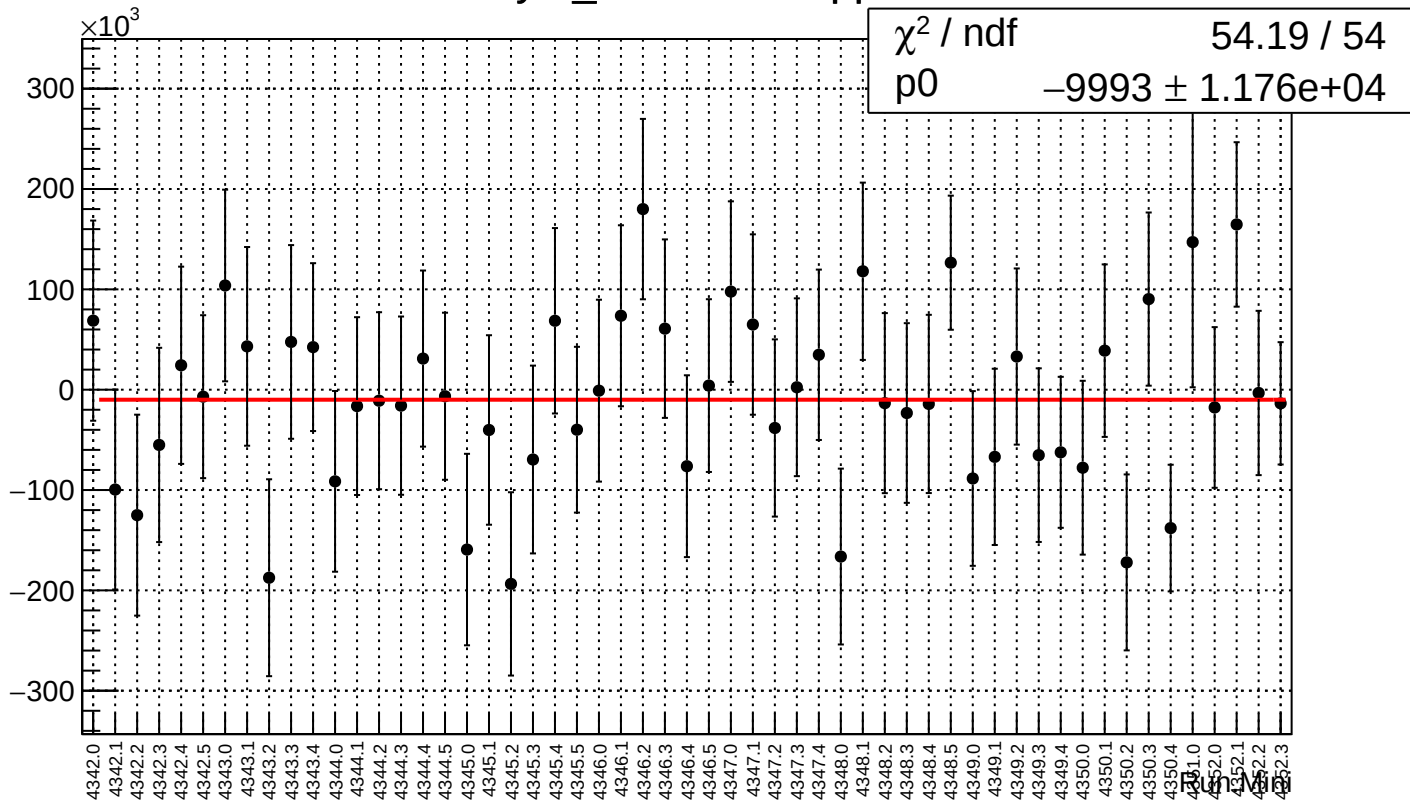
asym_sam_37_avg.mean/ppb



asym_sam_37_dd.mean/ppb



asym_sam3.mean/ppb

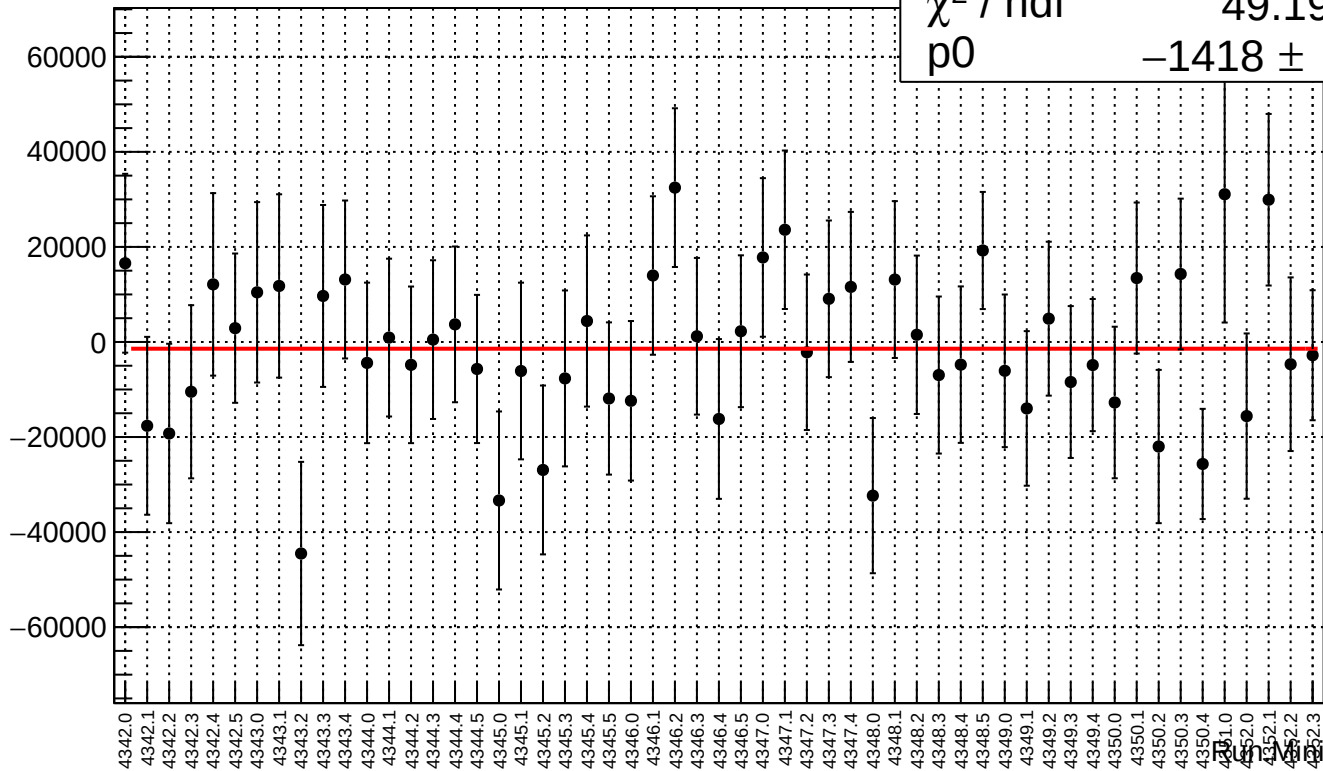


asym_sam_48_avg.mean/ppb

χ^2 / ndf
p0

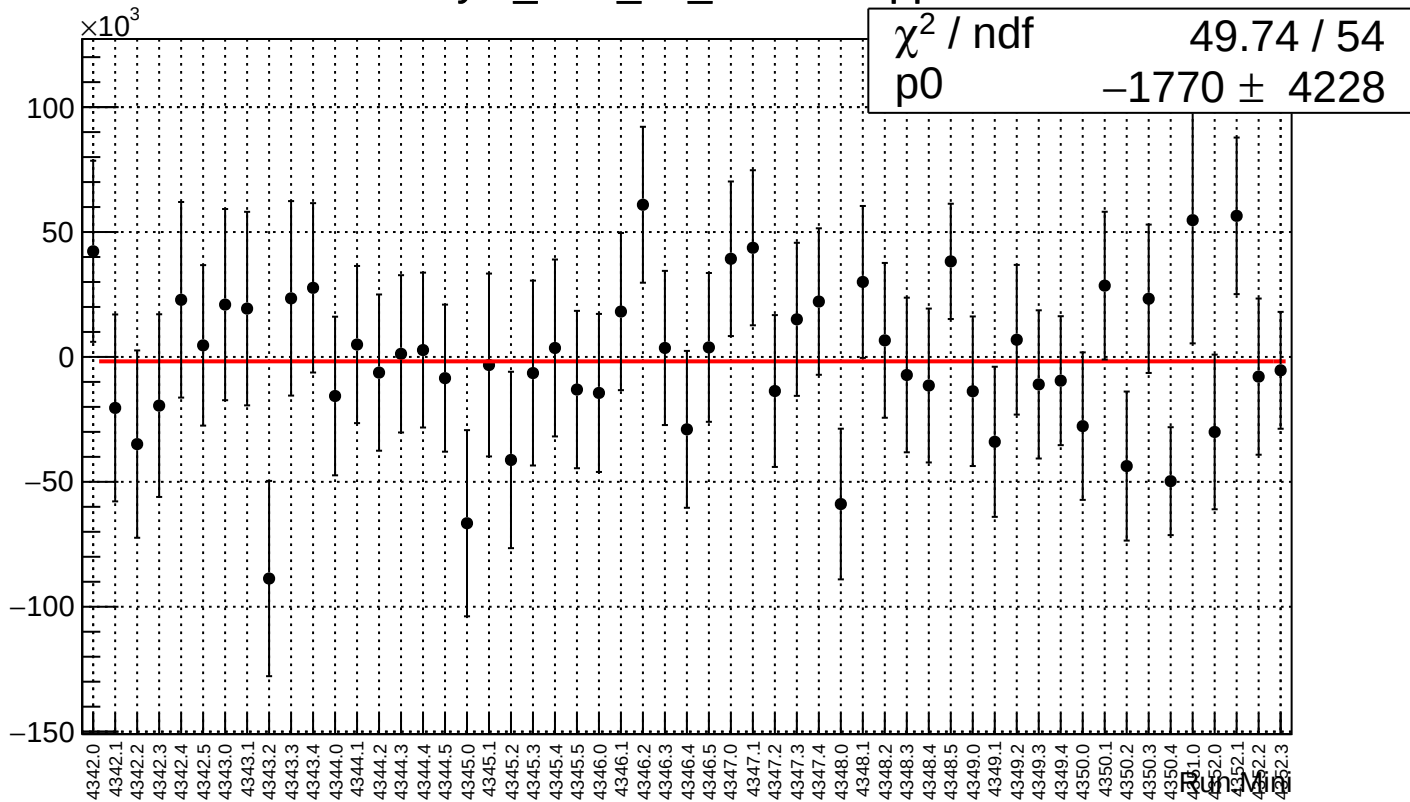
49.19 / 54

-1418 ± 2241

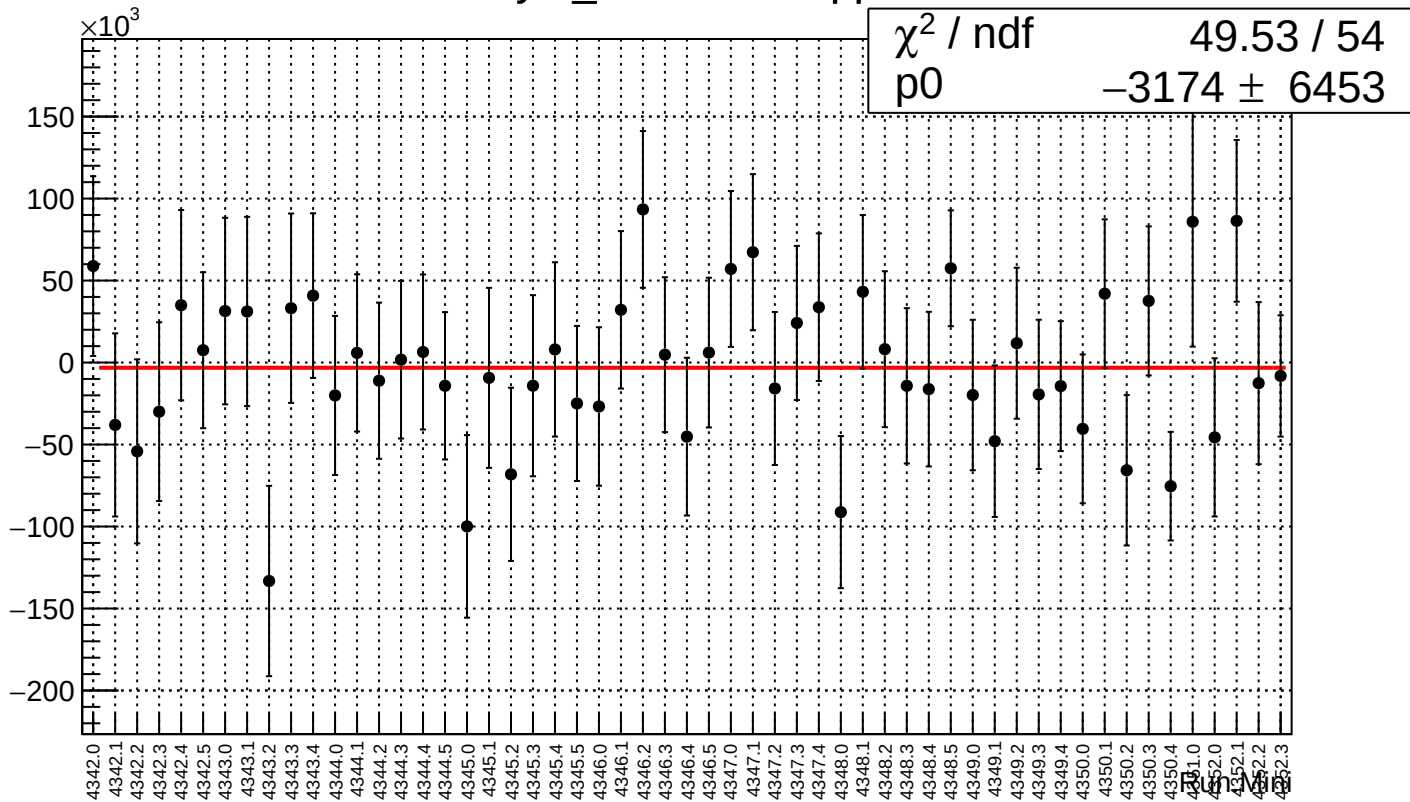


Run No.

asym_sam_48_dd.mean/ppb



asym_sam4.mean/ppb

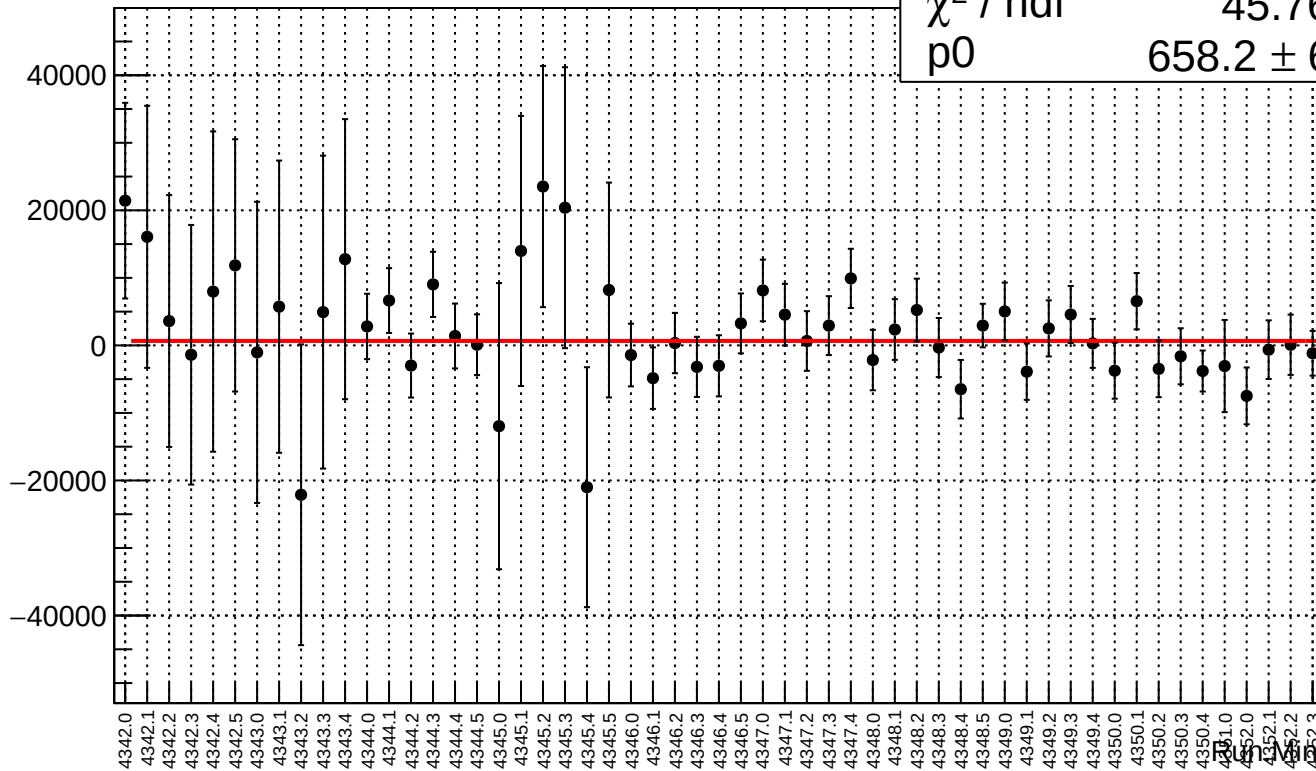


asym_sam5.mean/ppb

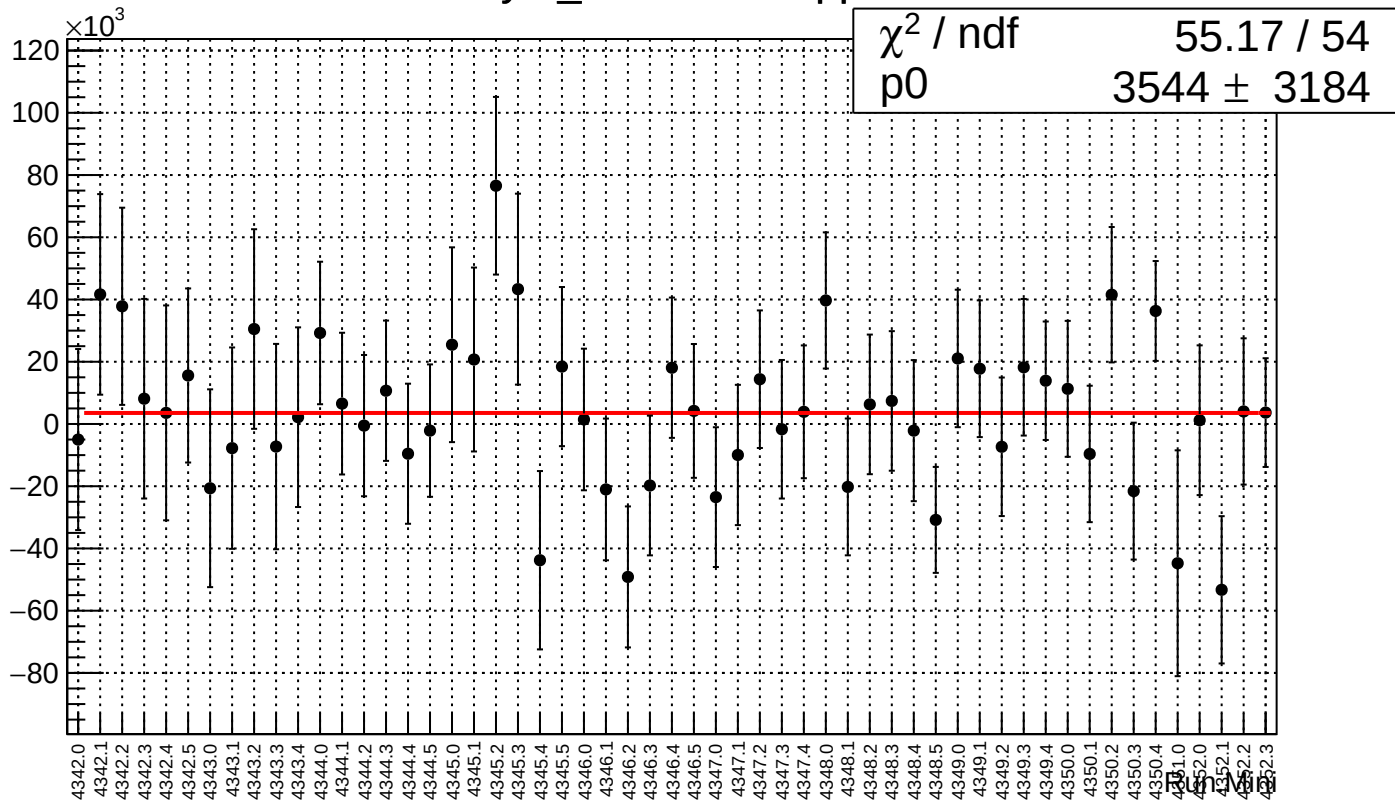
χ^2 / ndf
p0

45.76 / 54

658.2 ± 686.7



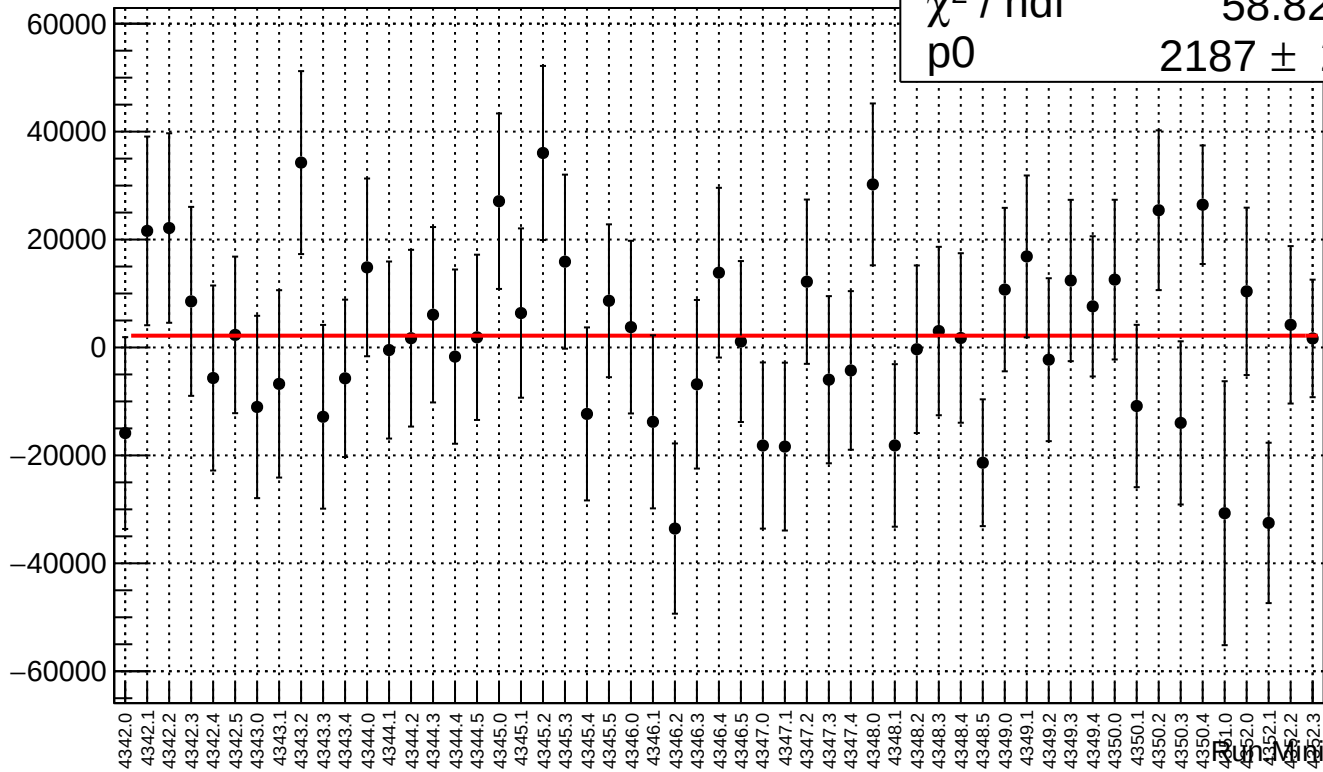
asym_sam6.mean/ppb



asym_sam7.mean/ppb

χ^2 / ndf
p0

58.82 / 54
 2187 ± 2065

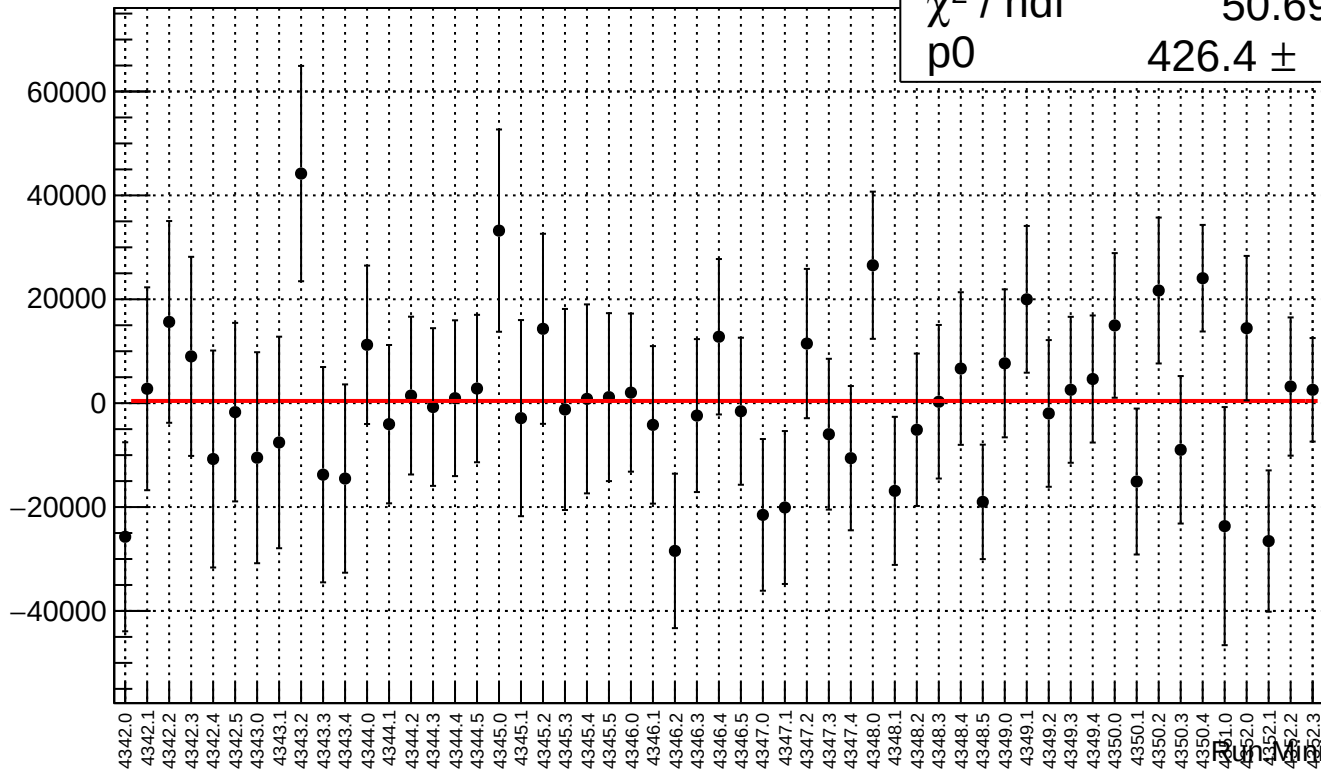


asym_sam8.mean/ppb

χ^2 / ndf
p0

50.69 / 54

426.4 ± 2033

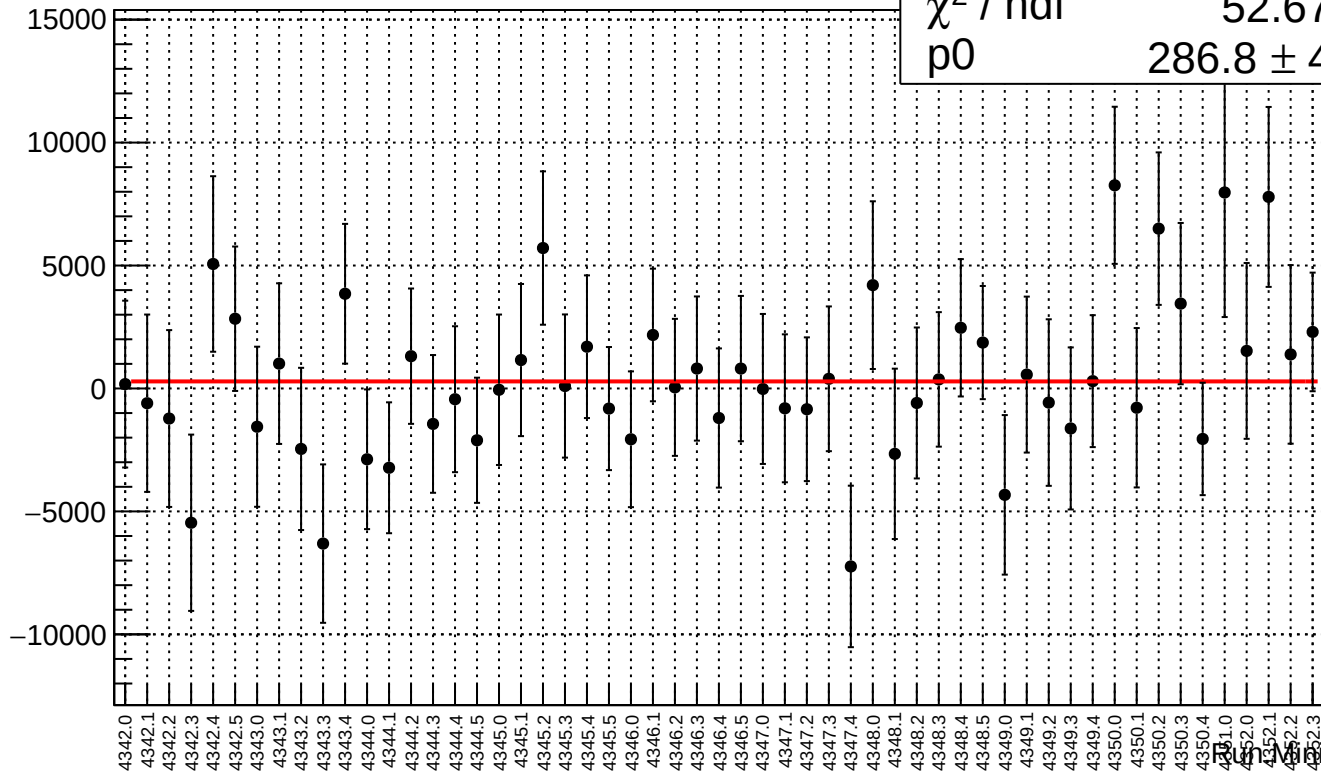


asym_us_avg.mean/ppb

χ^2 / ndf
p0

52.67 / 54

286.8 ± 405.8

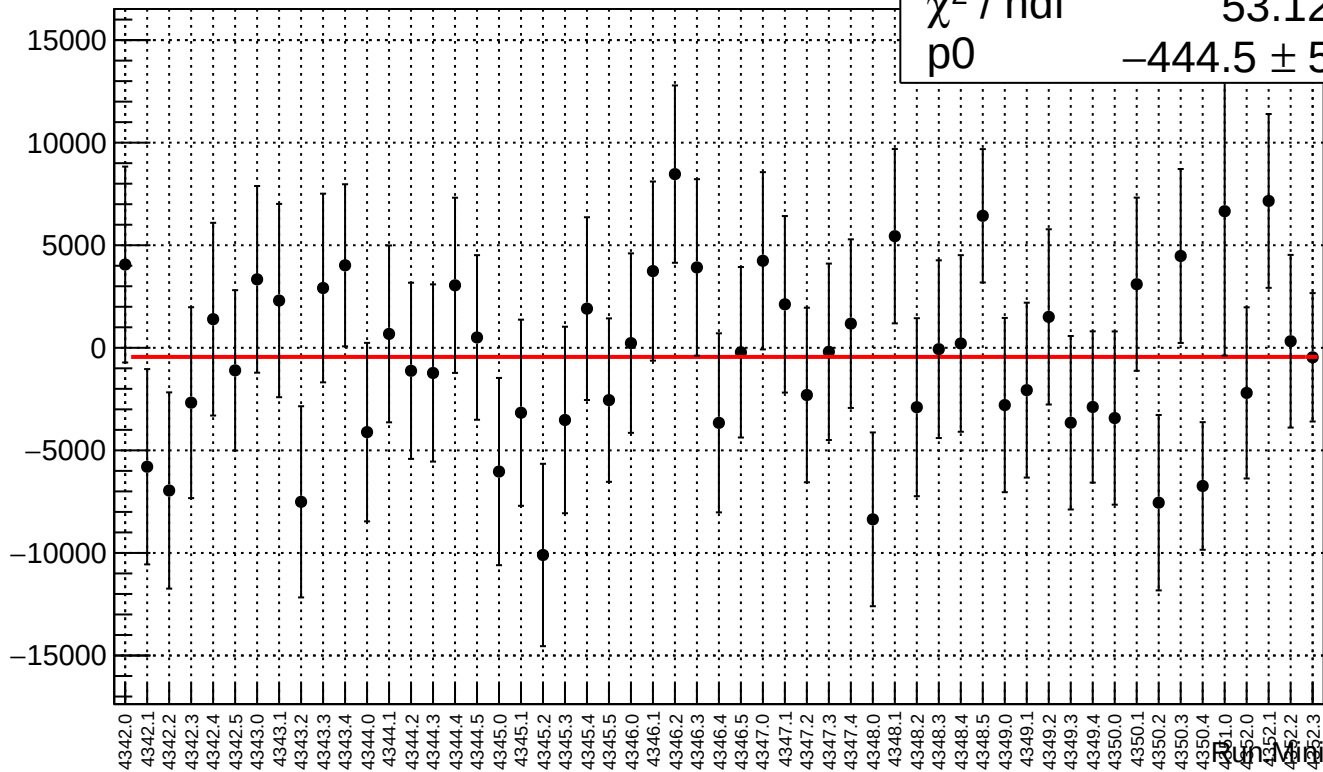


Run 13

asym_us_dd.mean/ppb

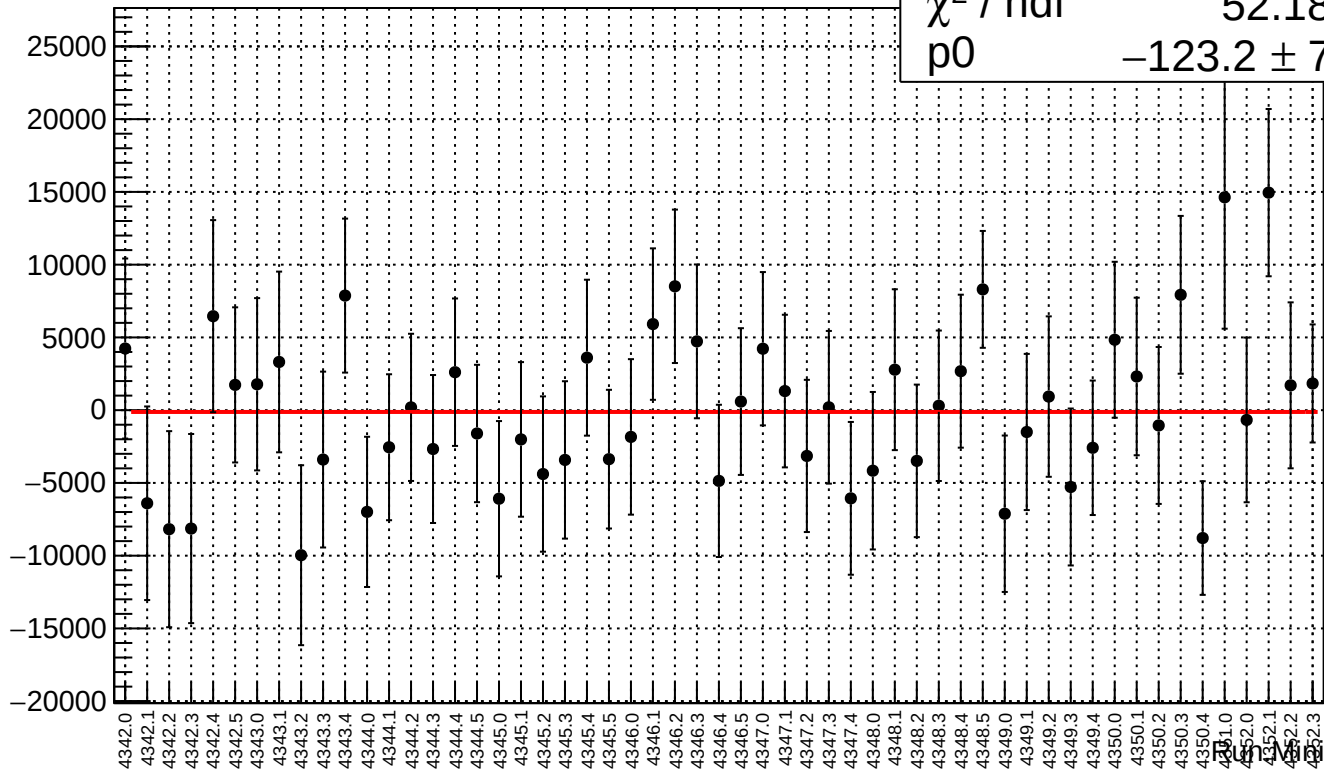
χ^2 / ndf
p0

53.12 / 54
 -444.5 ± 571.9



asym_usl.mean/ppb

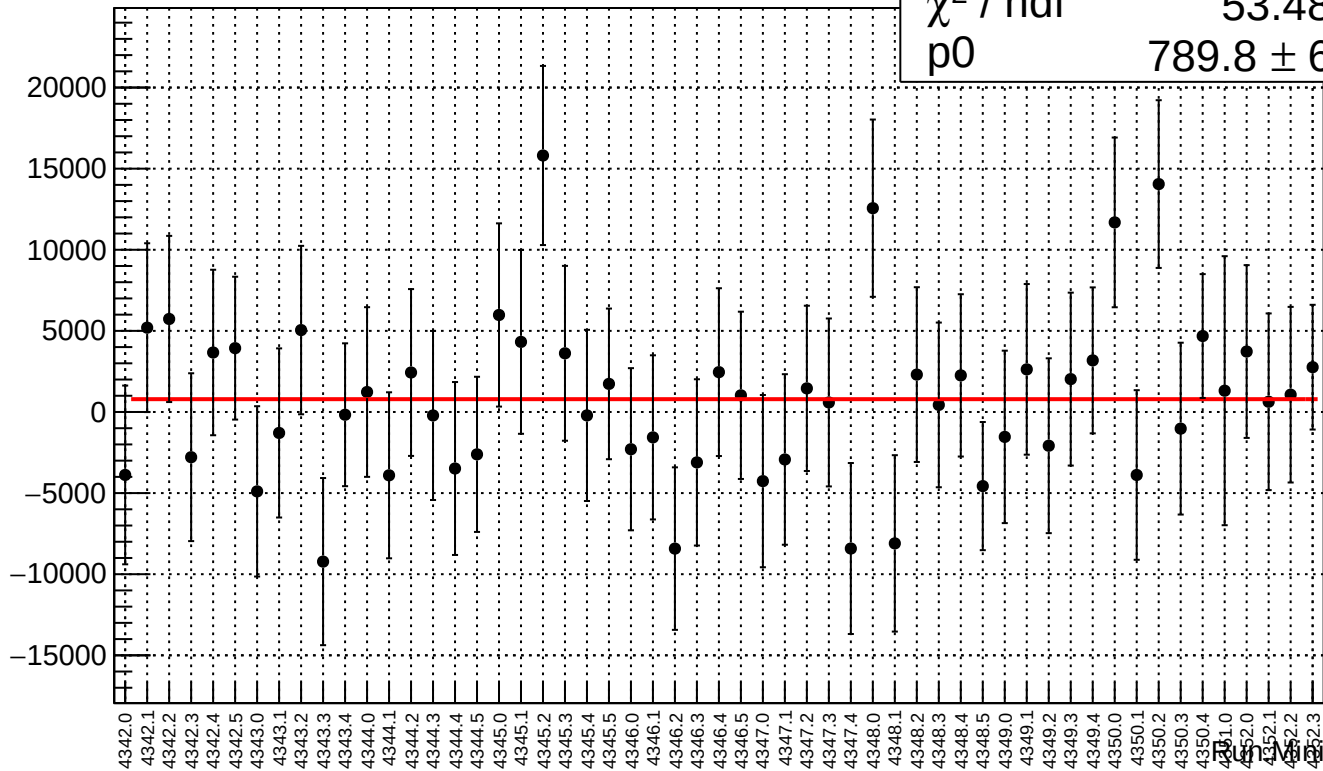
χ^2 / ndf 52.18 / 54
p0 -123.2 ± 716.9



asym_usr.mean/ppb

χ^2 / ndf
p0

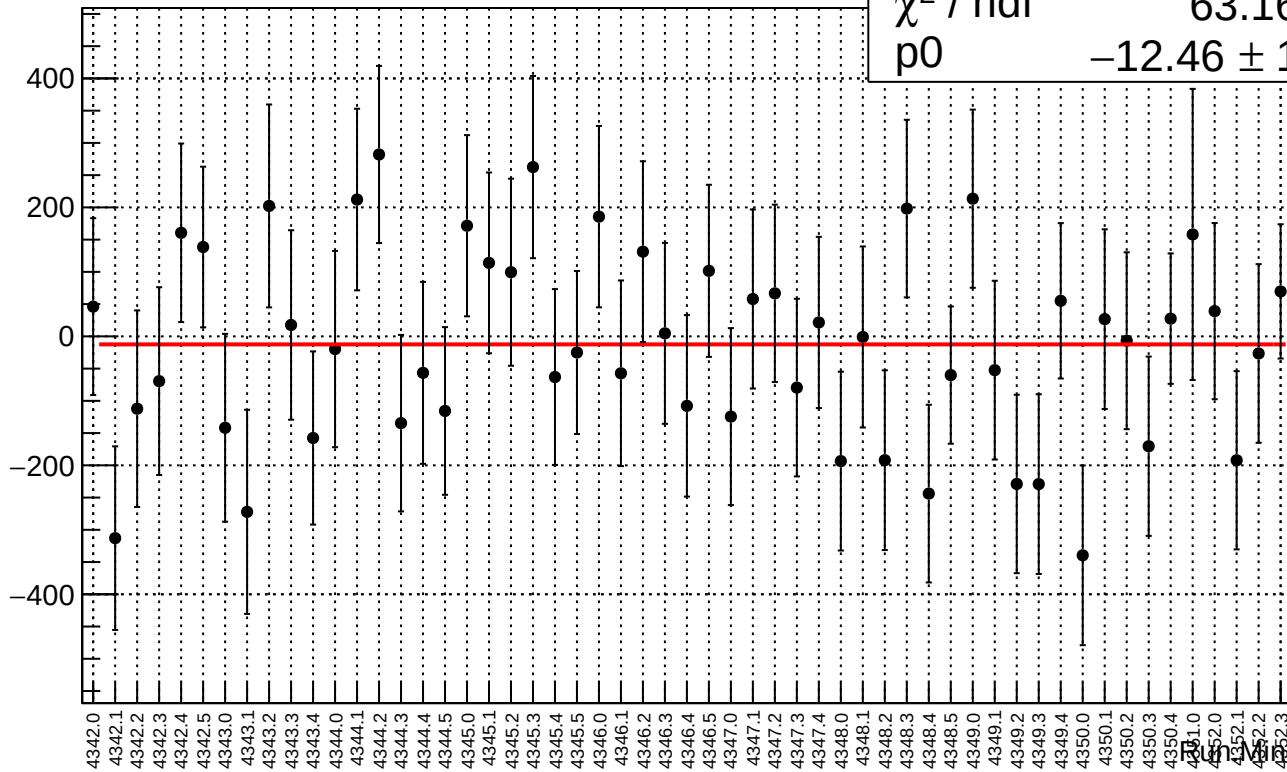
53.48 / 54
 789.8 ± 685.8



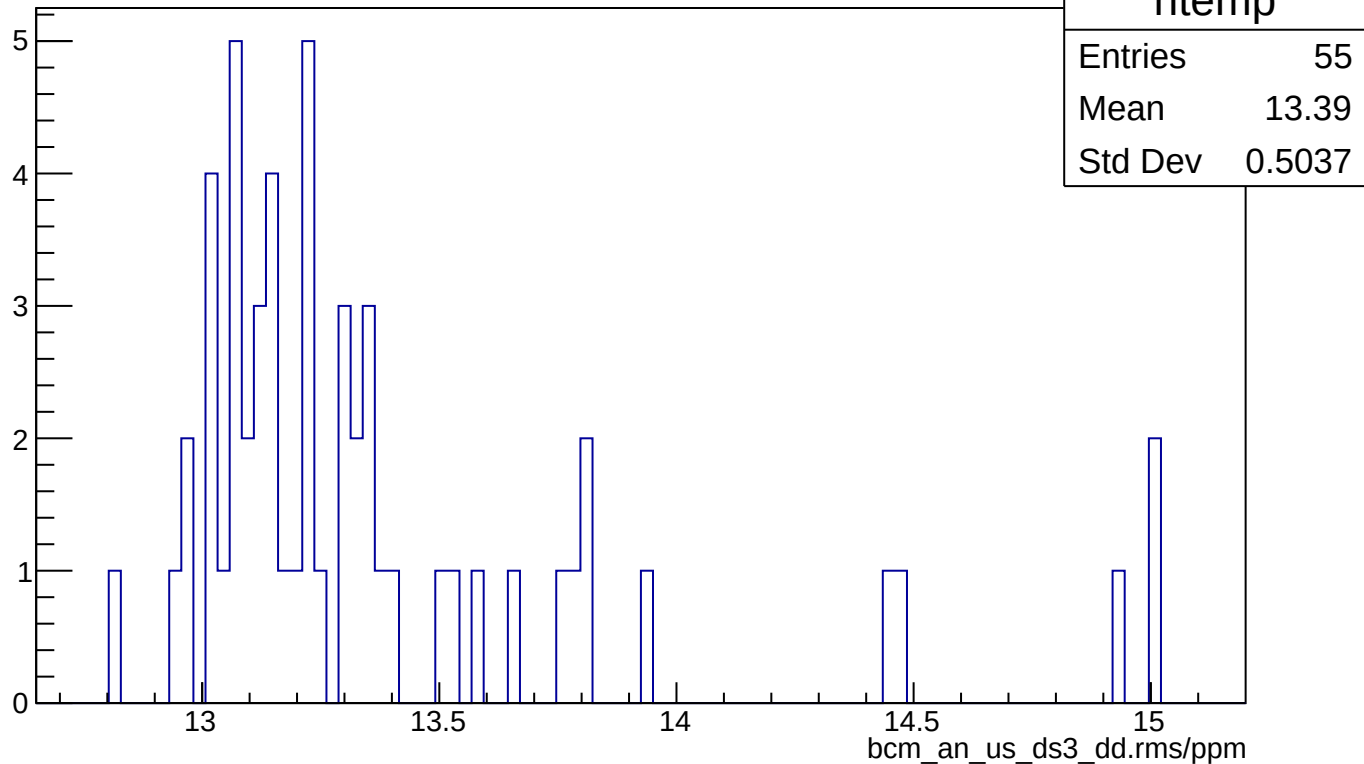
bcm_an_us_ds3_dd.mean/ppb

χ^2 / ndf
p0

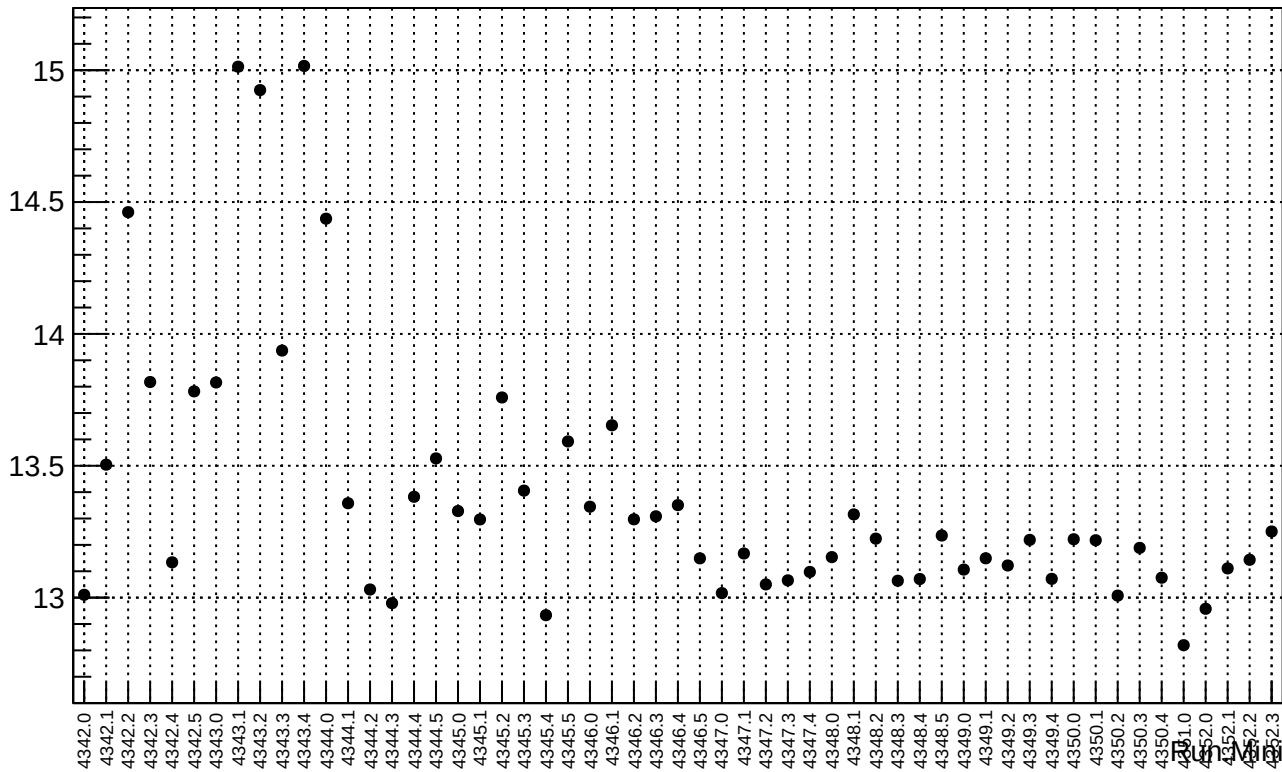
63.16 / 54
 -12.46 ± 18.45



bcm_an_us_ds3_dd.rms/ppm



bcm_an_us_ds3_dd.rms/ppm



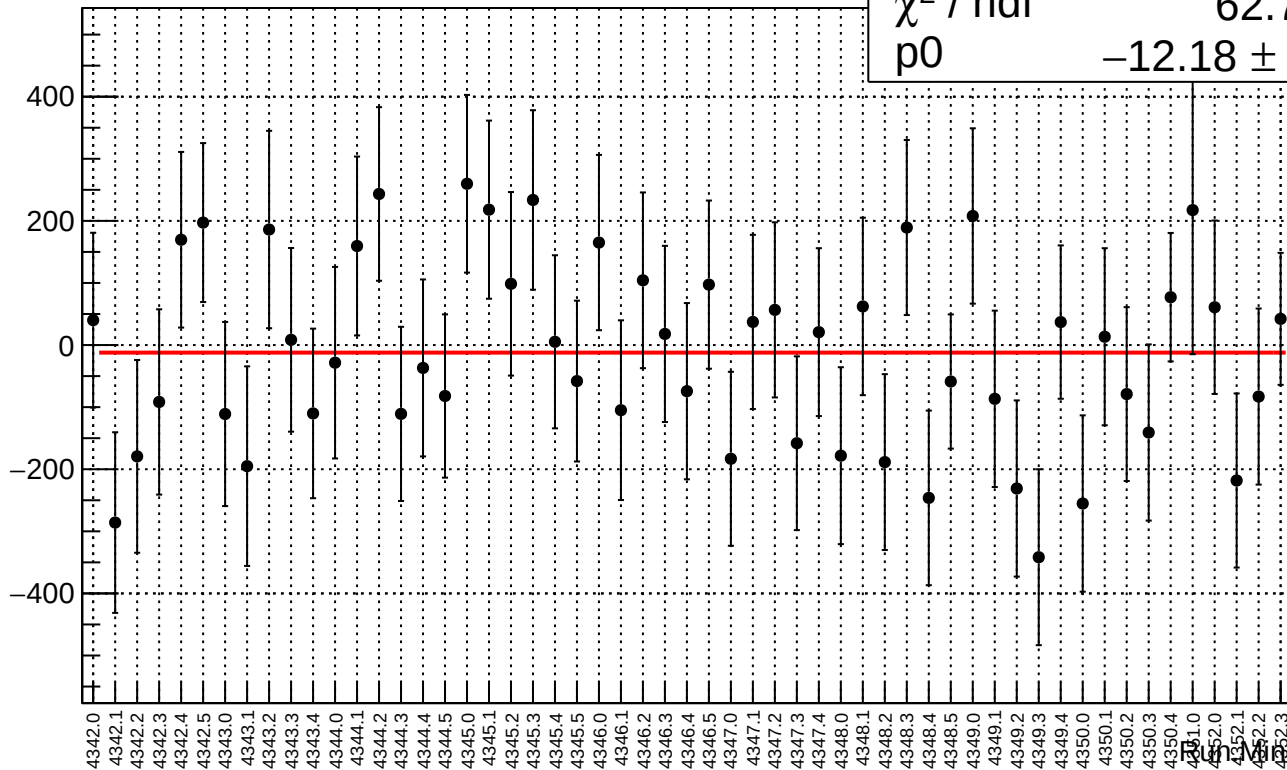
bcm_an_us_ds_dd.mean/ppb

χ^2 / ndf

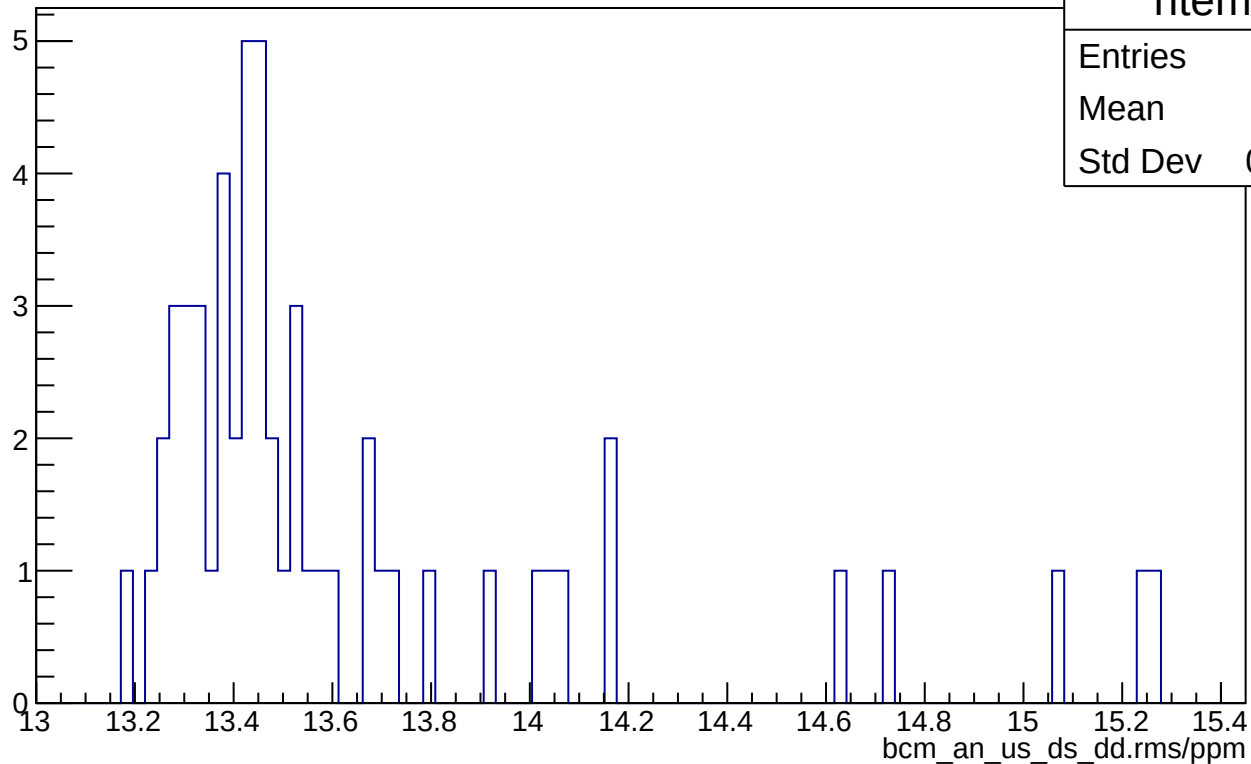
62.7 / 54

p0

-12.18 ± 18.8



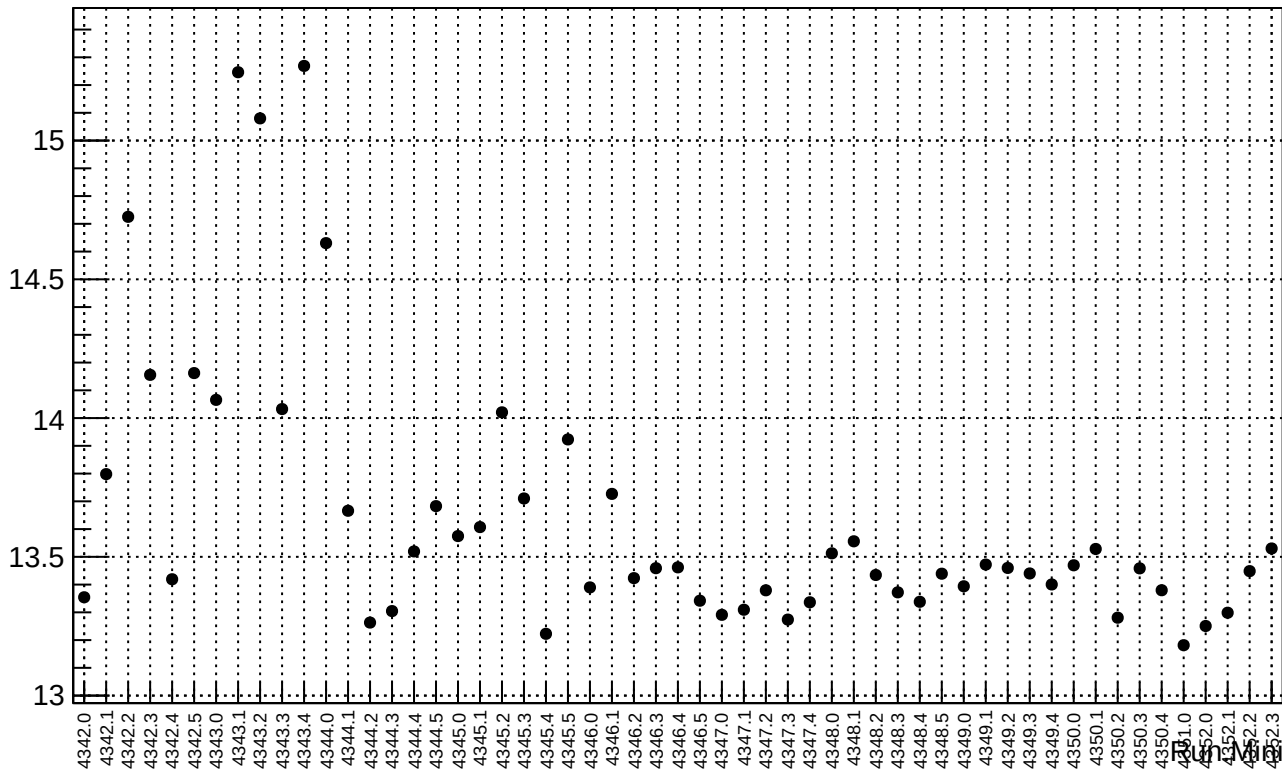
bcm_an_us_ds_dd.rms/ppm



htemp

Entries	55
Mean	13.64
Std Dev	0.4909

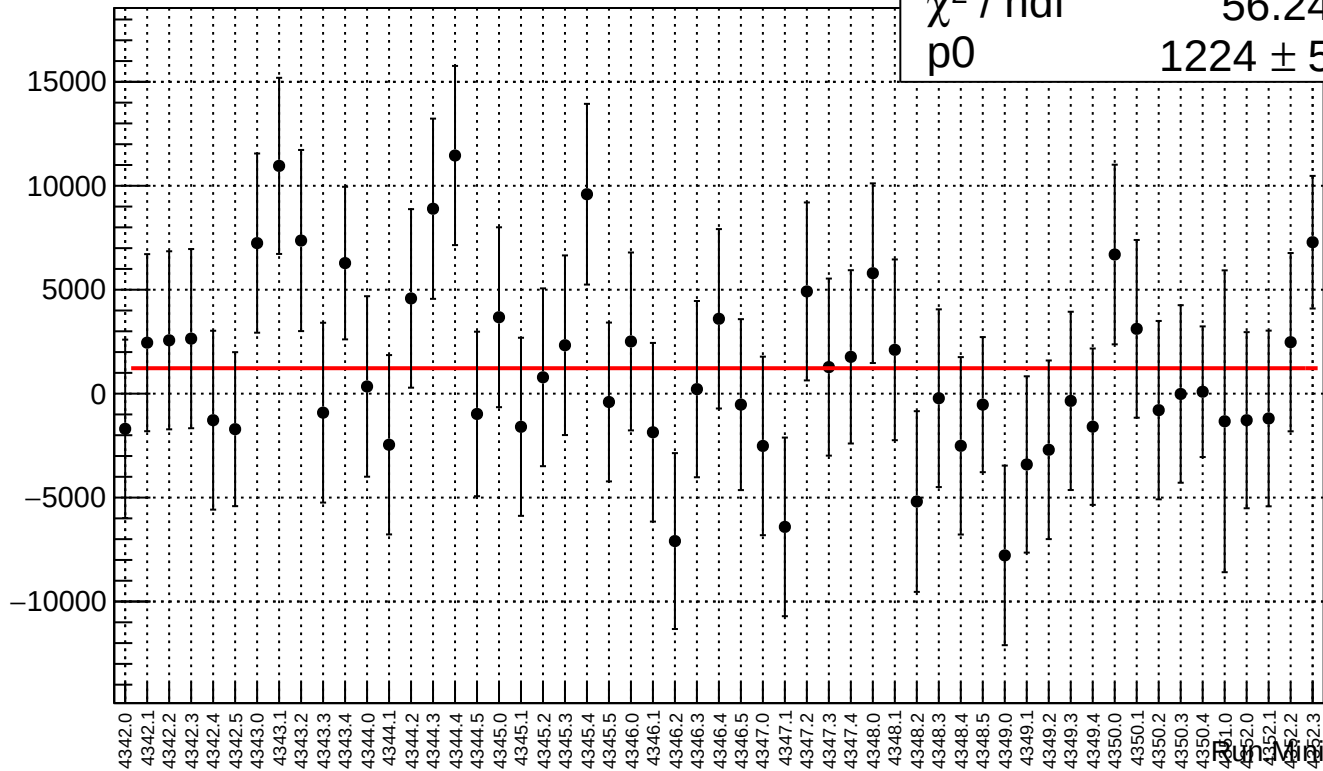
bcm_an_us_ds_dd.rms/ppm



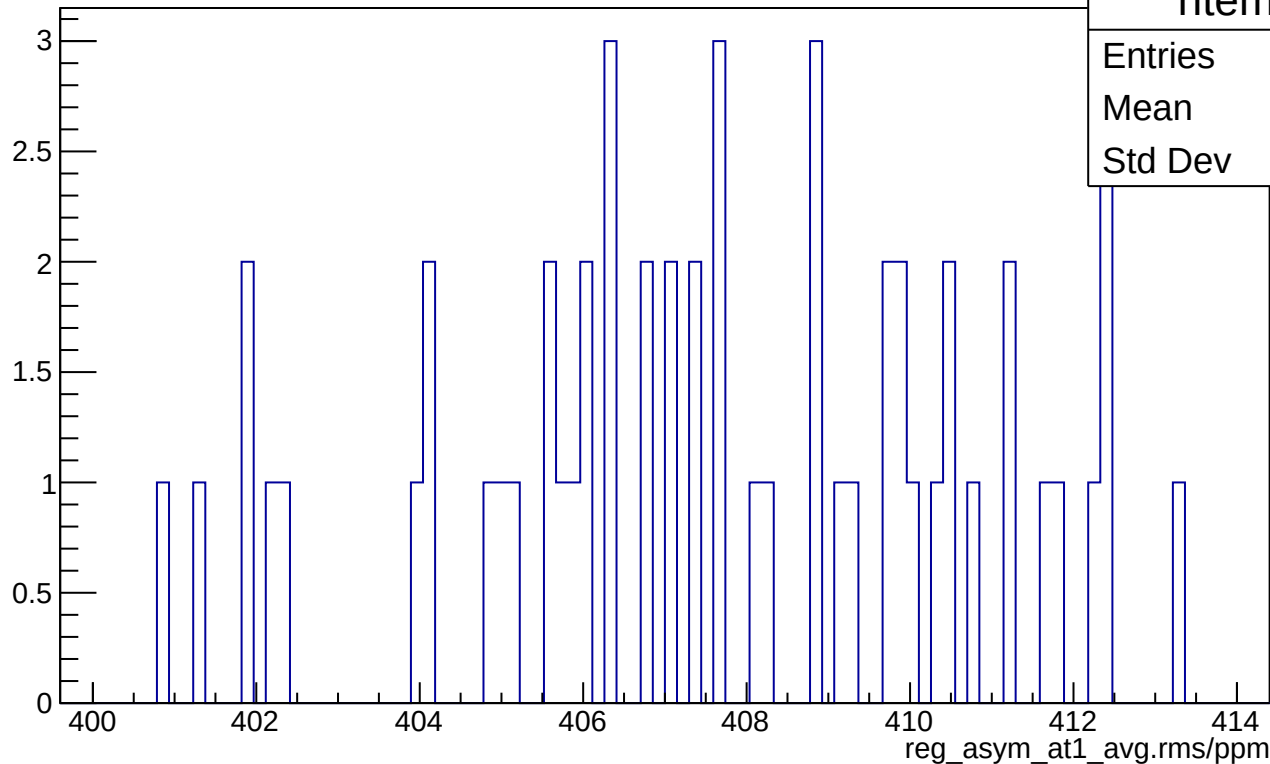
reg_asym_at1_avg.mean/ppb

χ^2 / ndf
p0

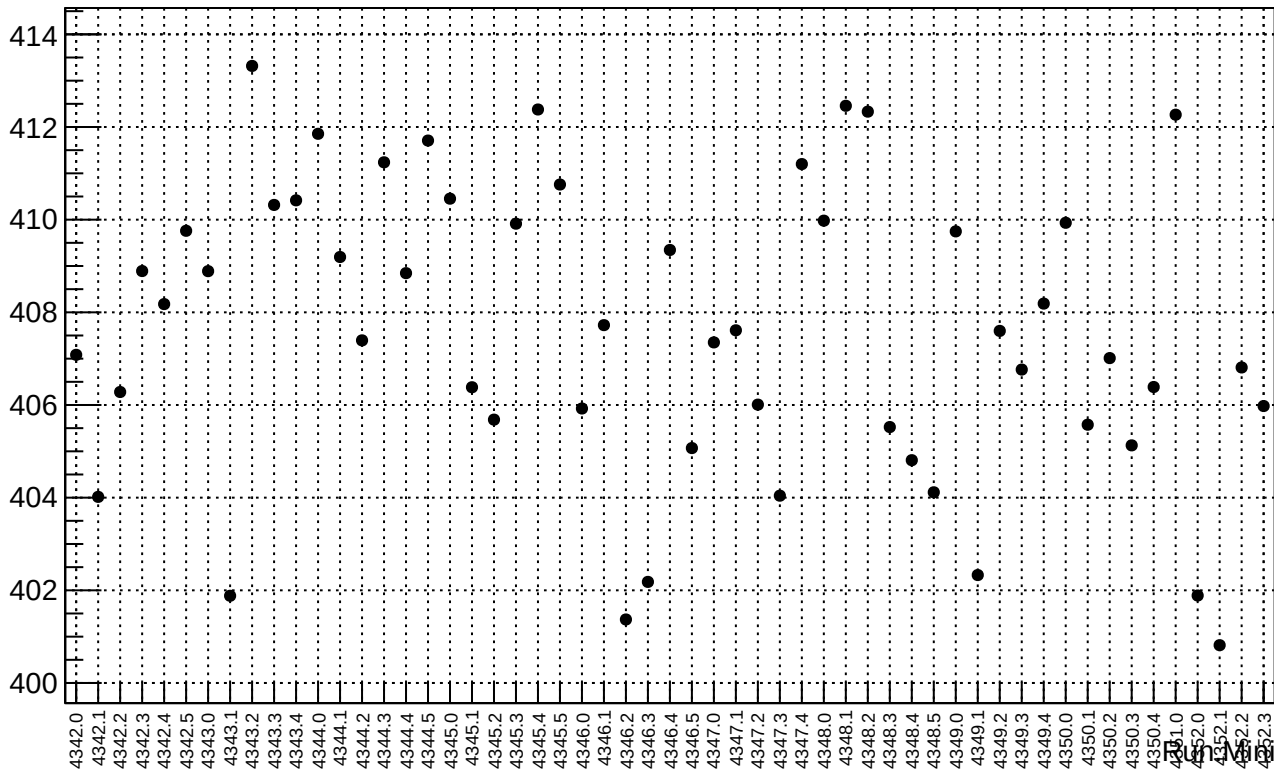
56.24 / 54
 1224 ± 561.9



reg_asym_at1_avg.rms/ppm



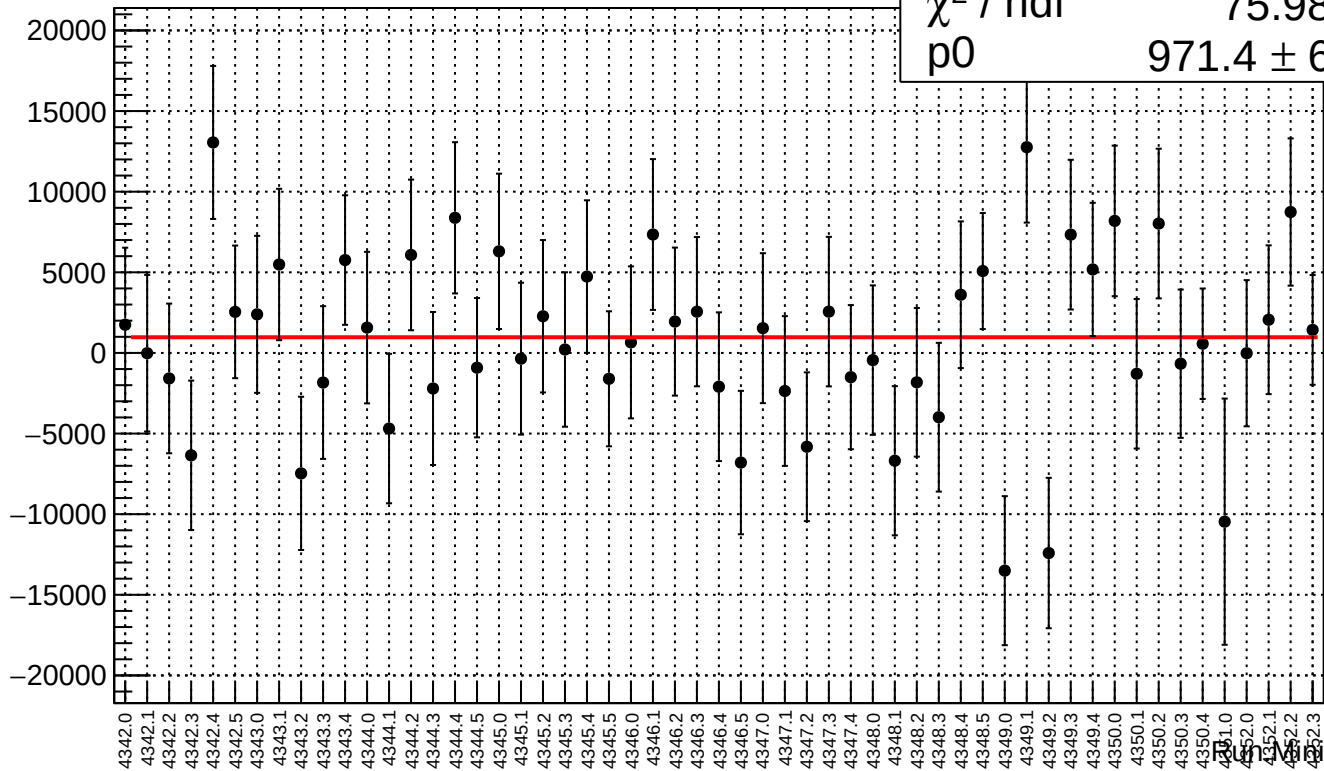
reg_asym_at1_avg.rms/ppm



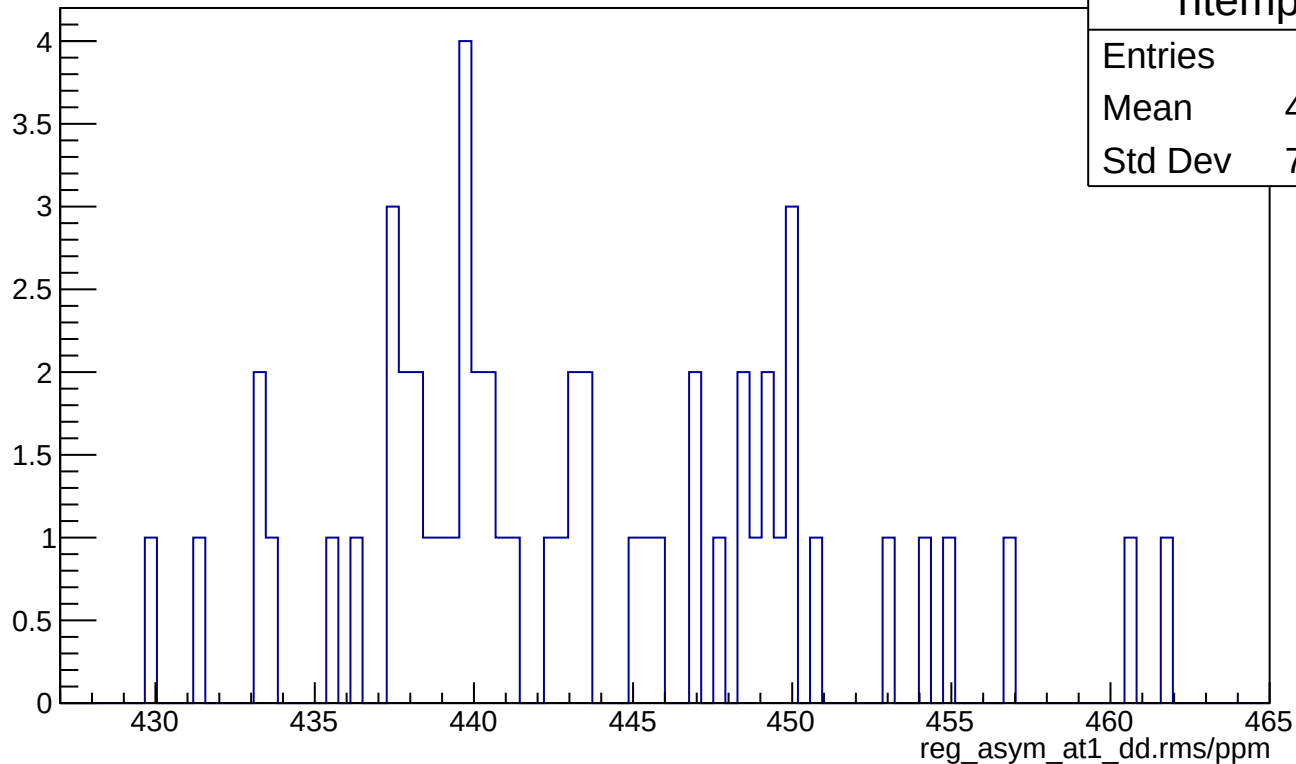
reg_asym_at1_dd.mean/ppb

χ^2 / ndf
p0

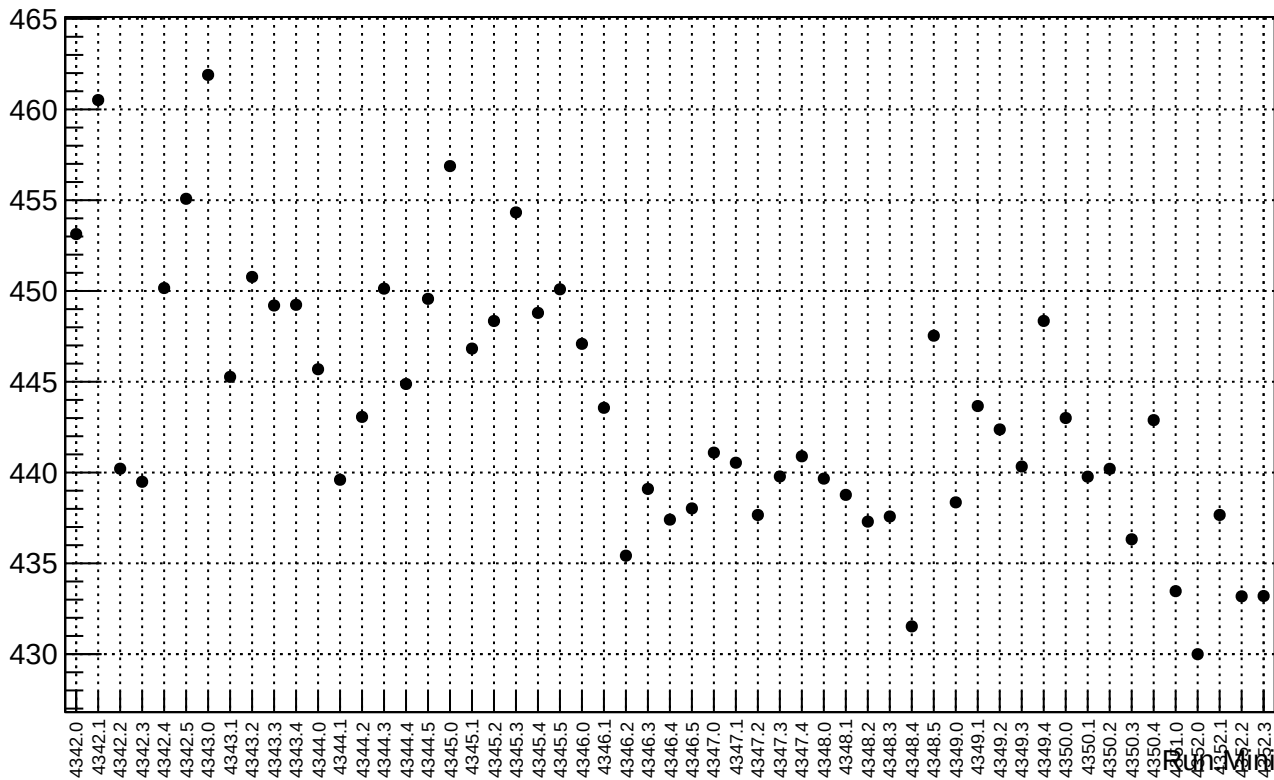
75.98 / 54
 971.4 ± 611.5



reg_asym_at1_dd.rms/ppm



reg_asym_at1_dd.rms/ppm

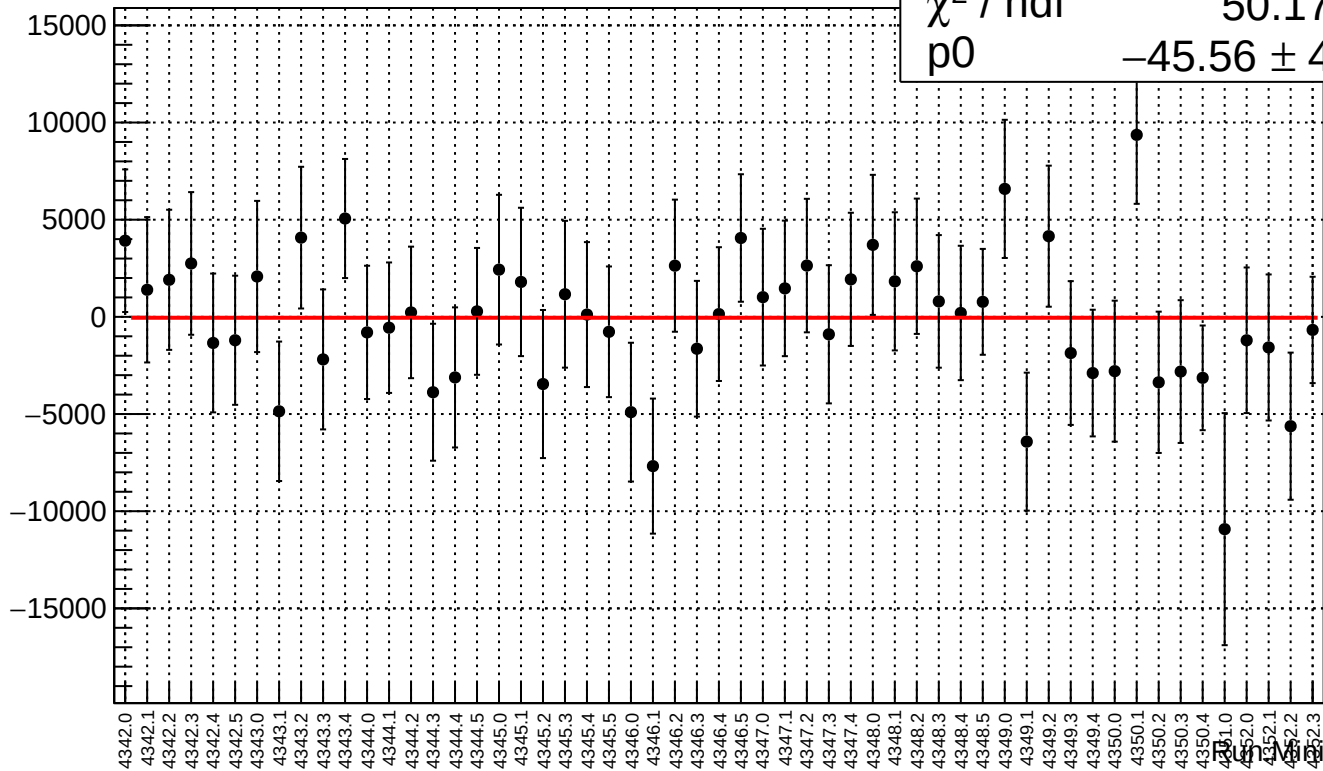


reg_asym_at2_avg.mean/ppb

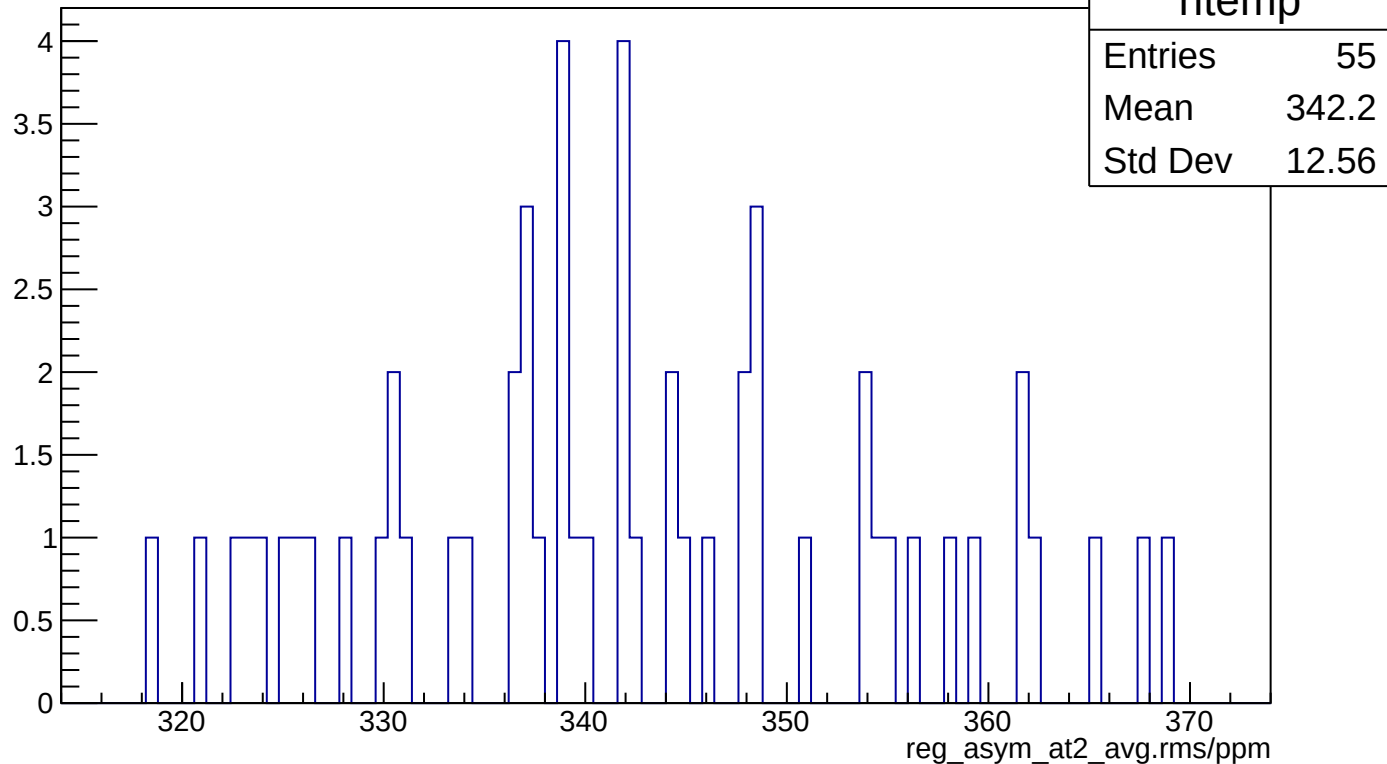
χ^2 / ndf
p0

50.17 / 54

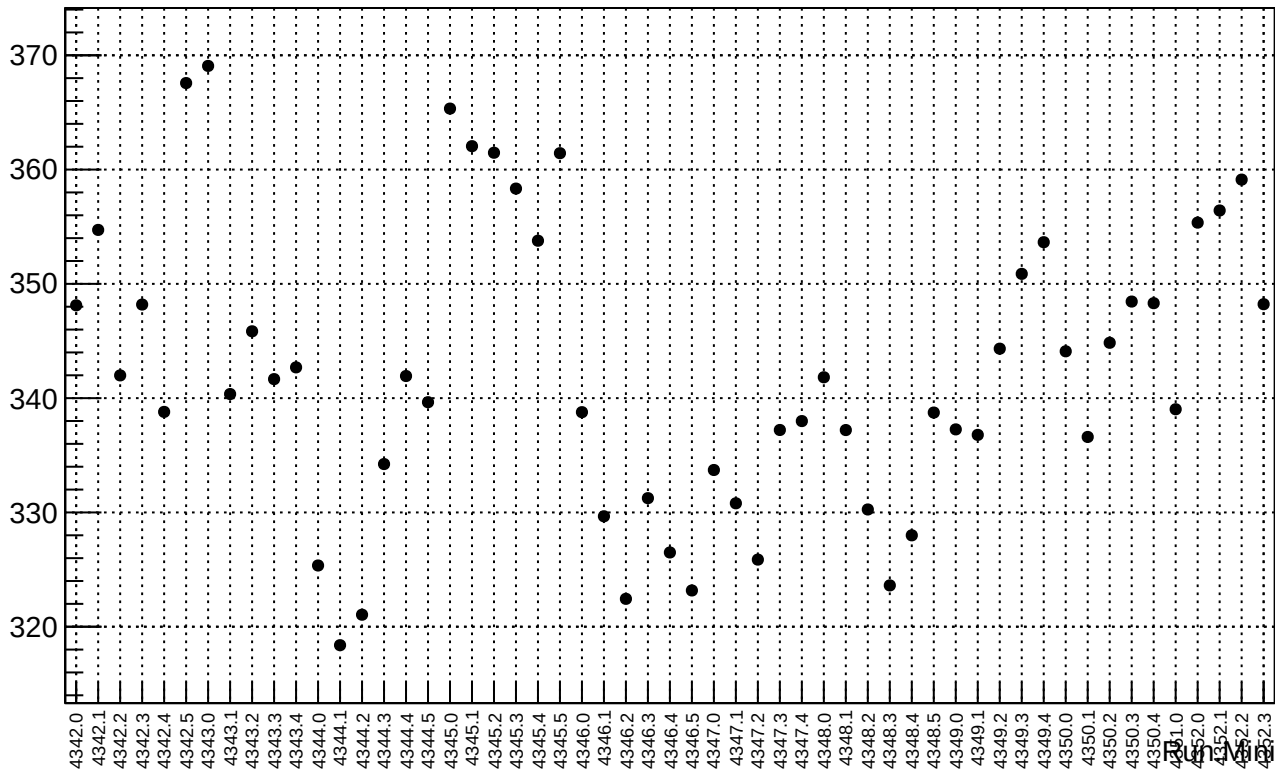
-45.56 ± 471.6



reg_asym_at2_avg.rms/ppm



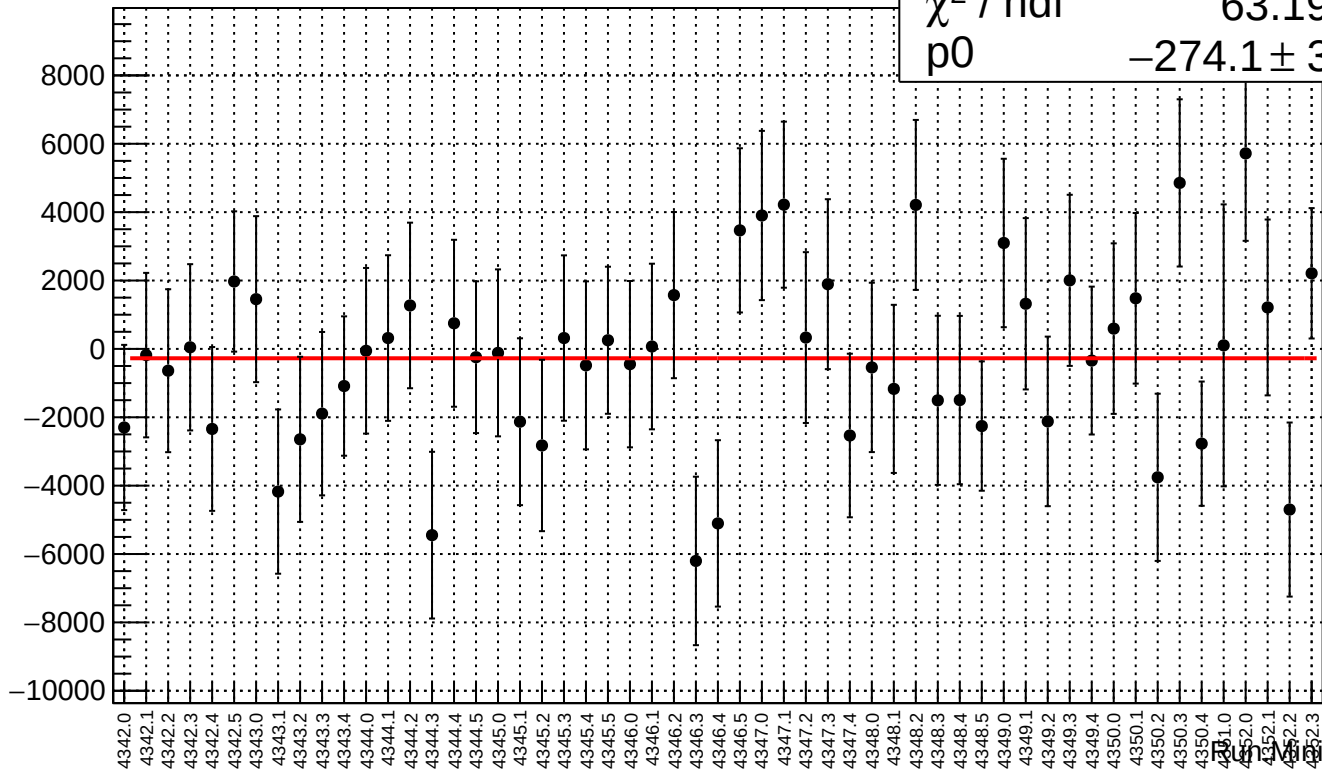
reg_asym_at2_avg.rms/ppm



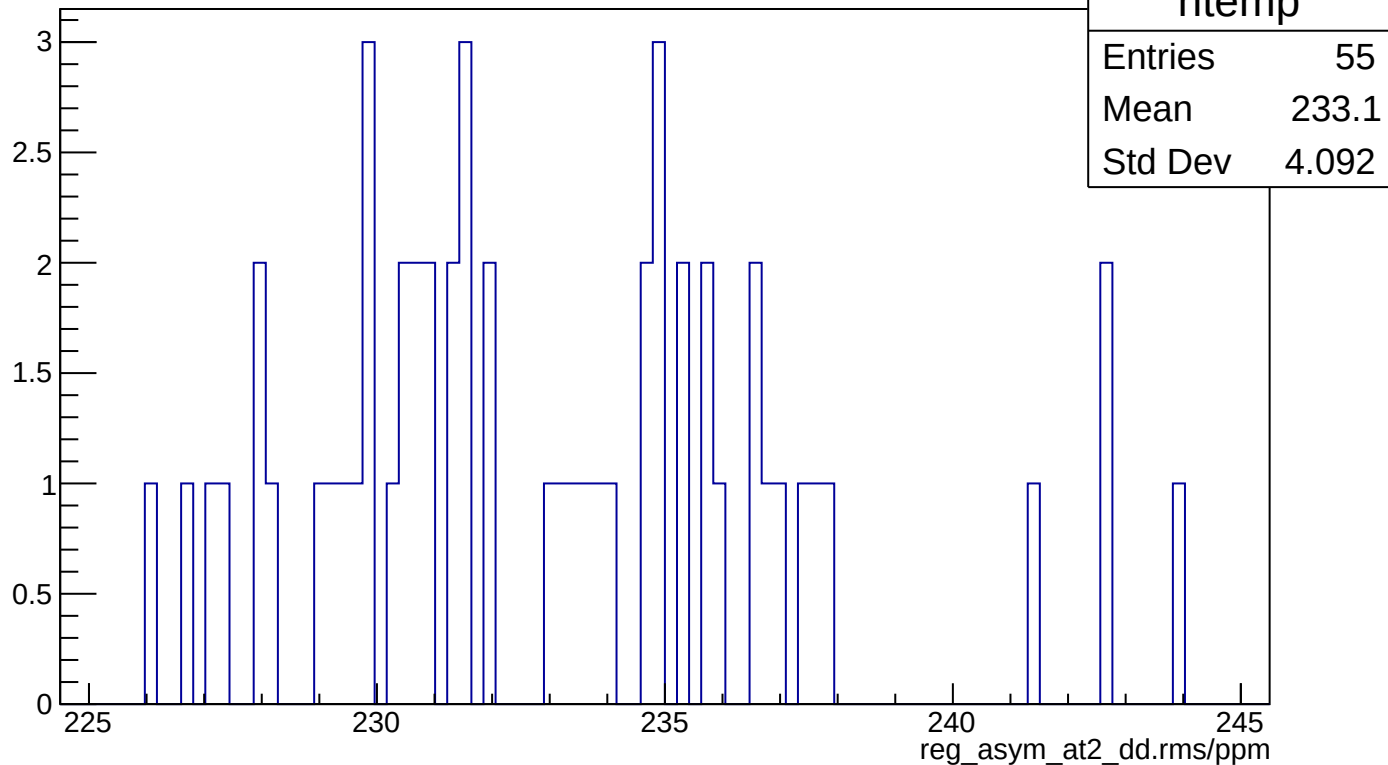
reg_asym_at2_dd.mean/ppb

χ^2 / ndf
p0

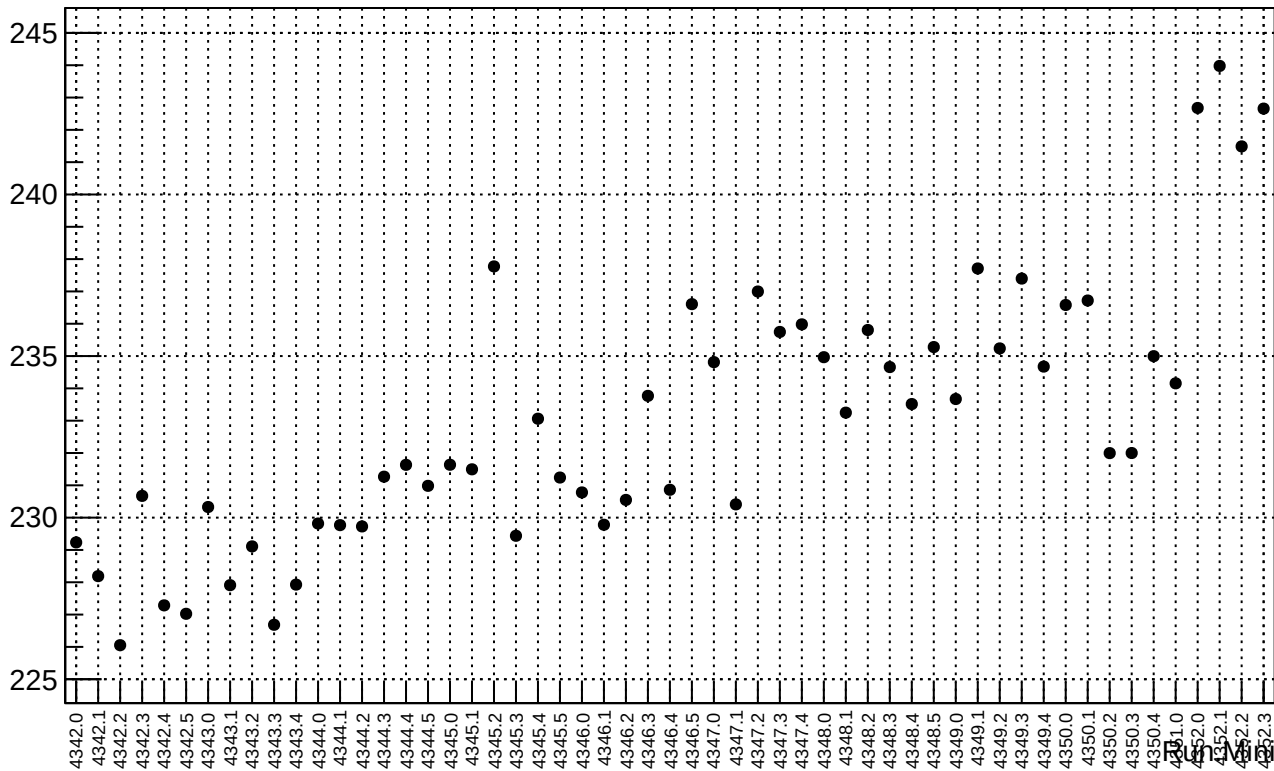
63.19 / 54
 -274.1 ± 321.4



reg_asym_at2_dd.rms/ppm



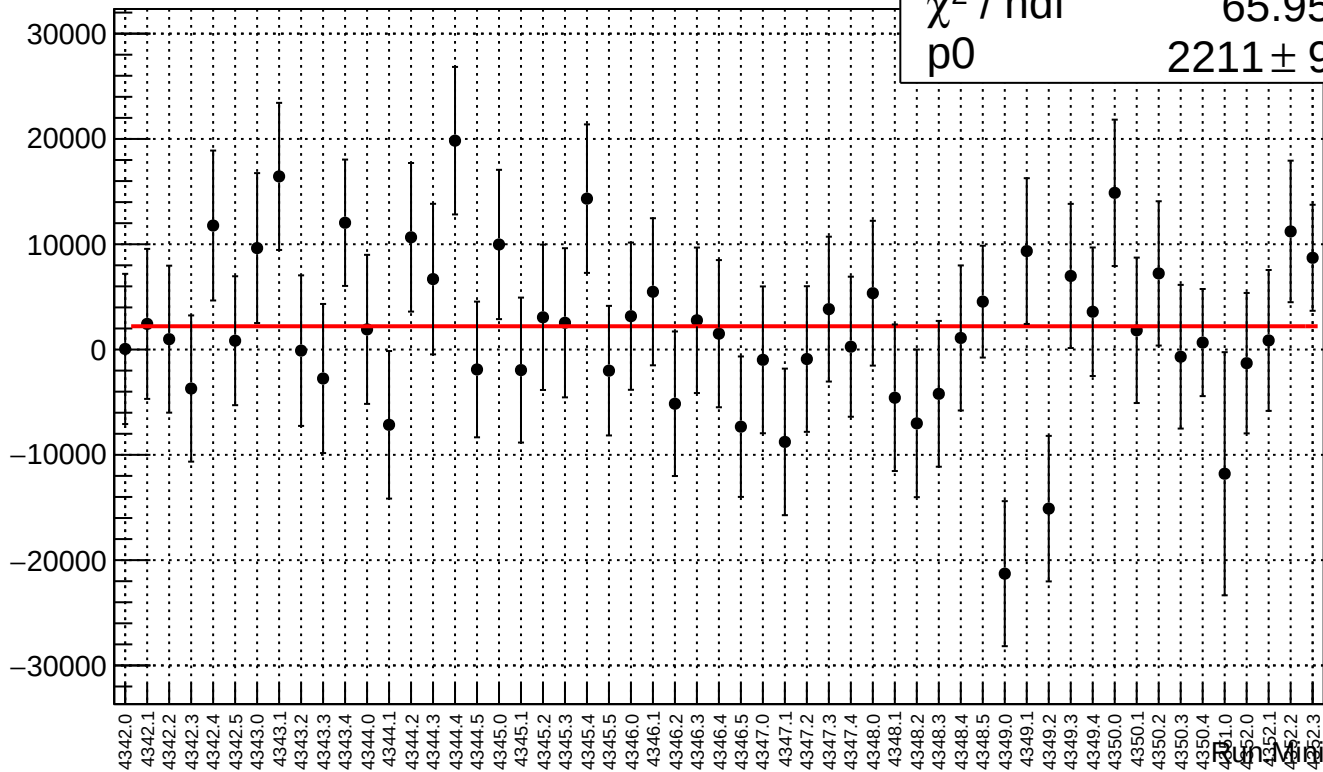
reg_asym_at2_dd.rms/ppm



reg_asym_atl1.mean/ppb

χ^2 / ndf
p0

65.95 / 54
 2211 ± 910.2



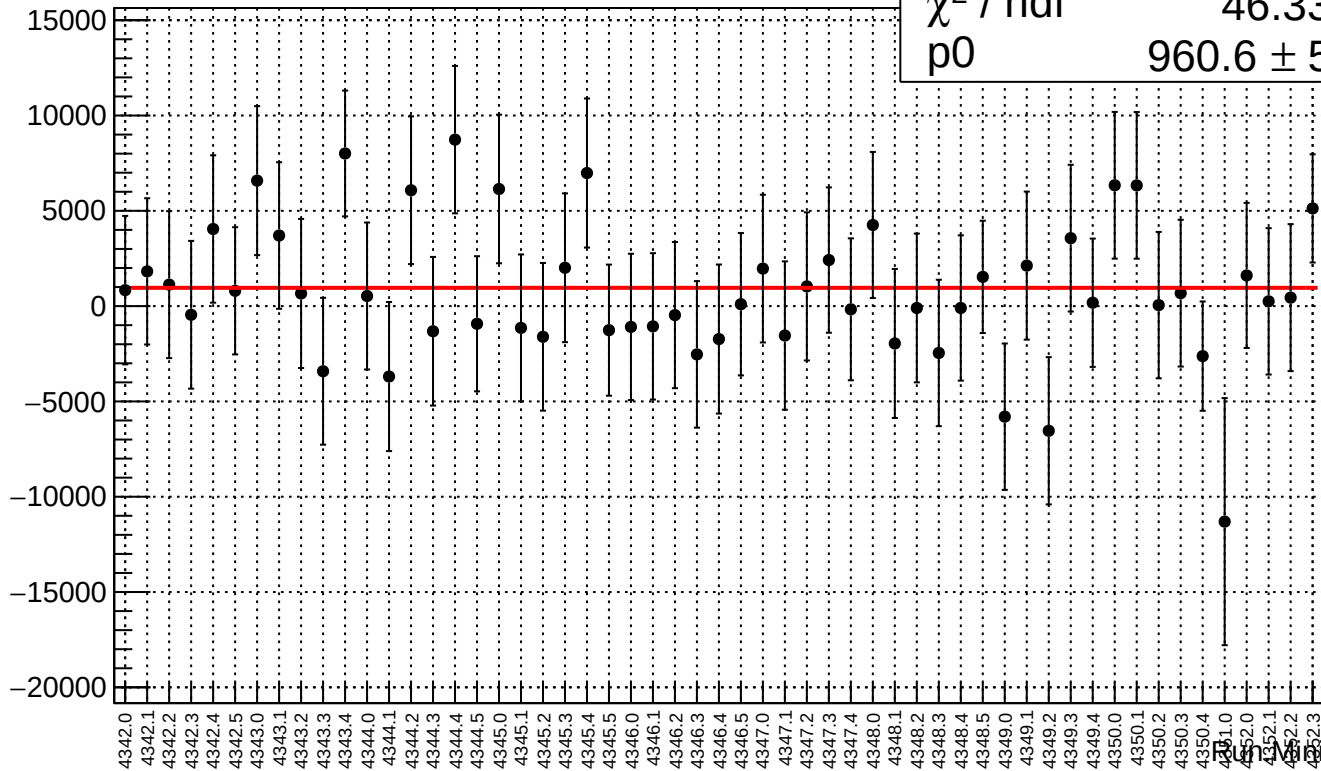
reg_asym_atl1r2_avg.mean/ppb

χ^2 / ndf

46.33 / 54

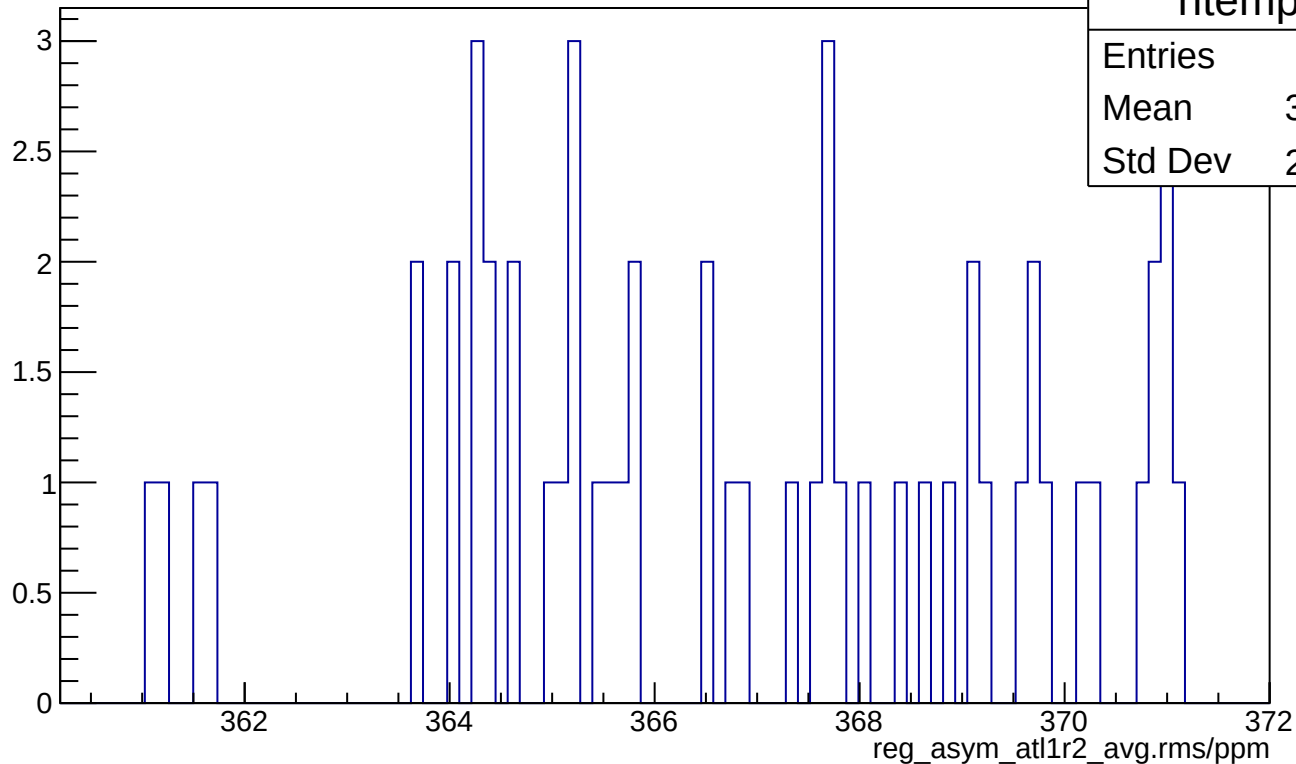
p0

960.6 ± 505.8

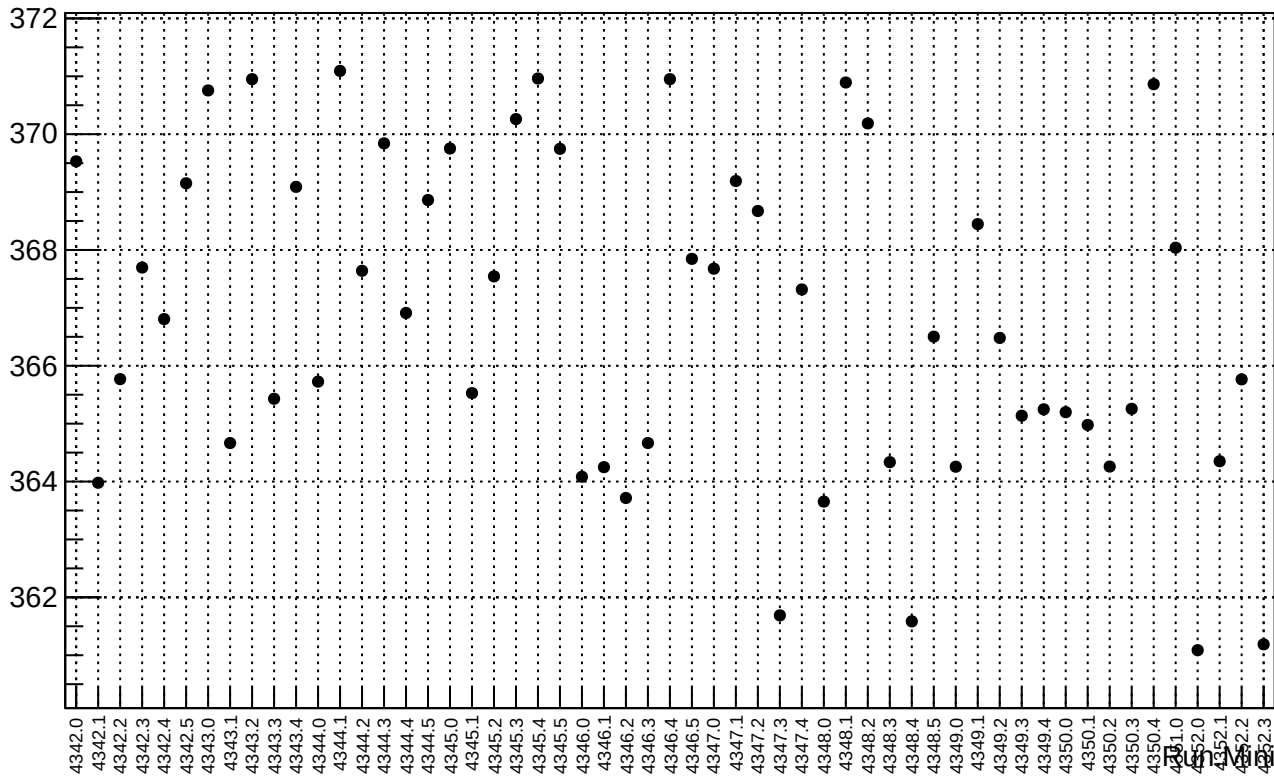


Run 33

reg_asym_atl1r2_avg.rms/ppm



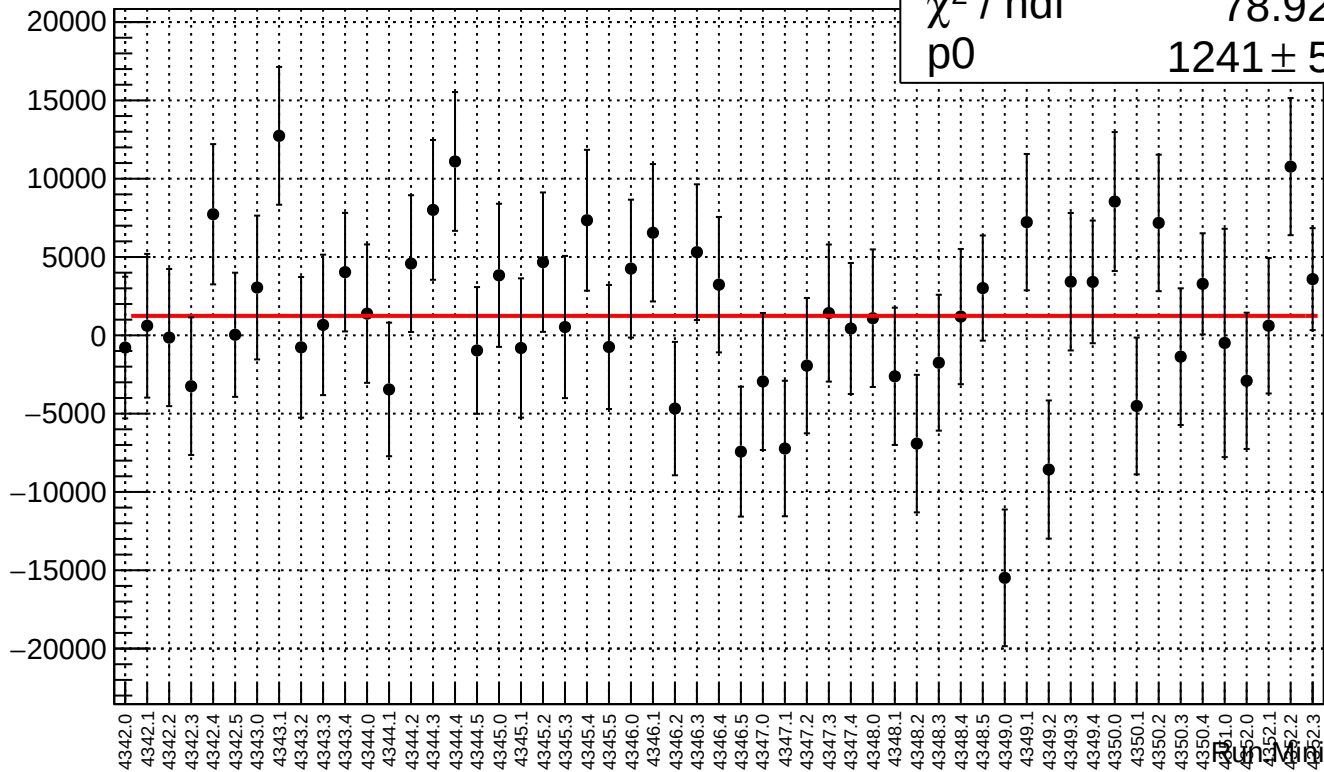
reg_asym_atl1r2_avg.rms/ppm



reg_asym_atl1r2_dd.mean/ppb

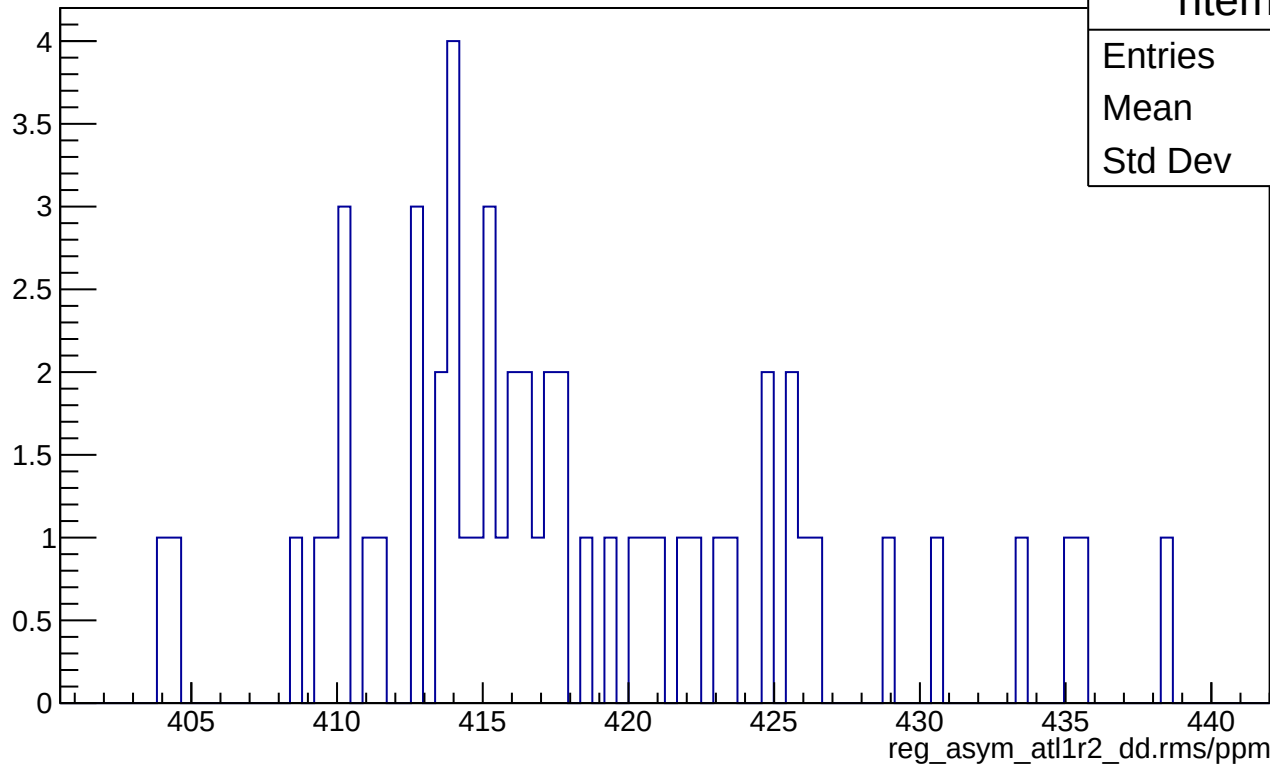
χ^2 / ndf
p0

78.92 / 54
 1241 ± 576.7

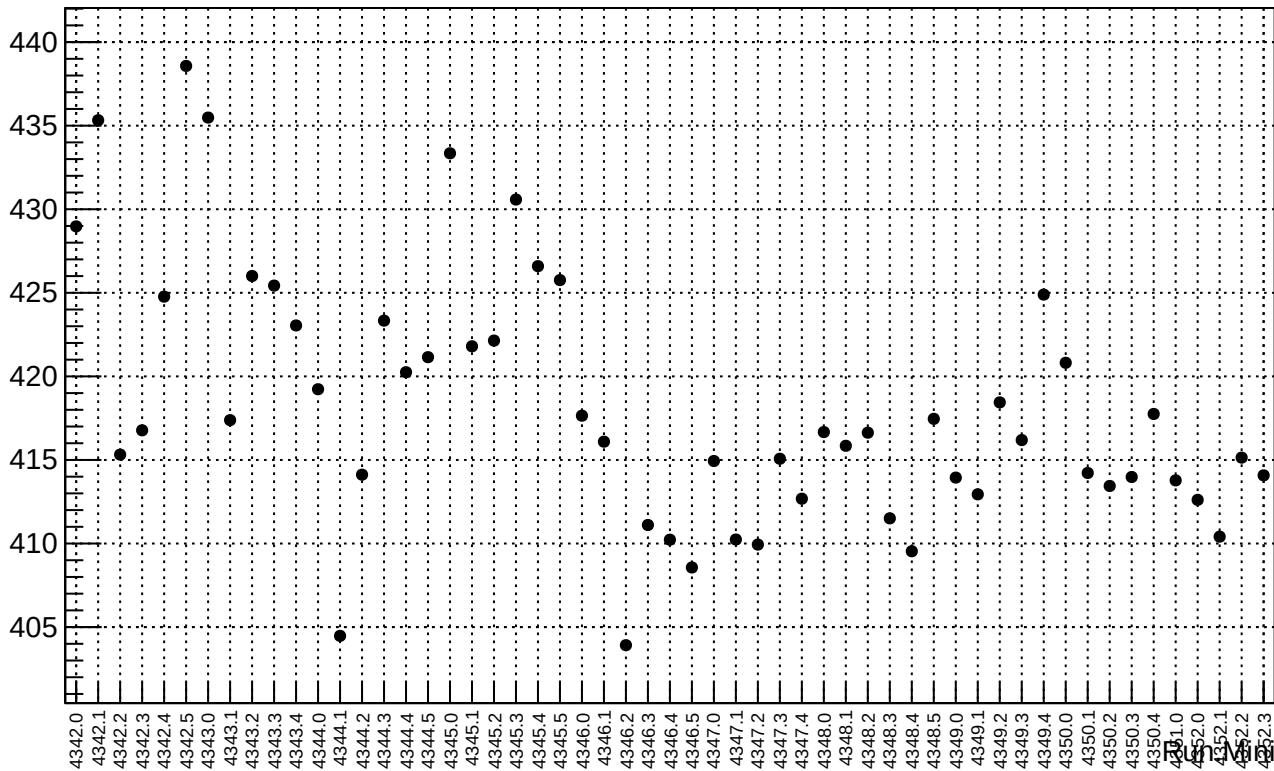


Run 153

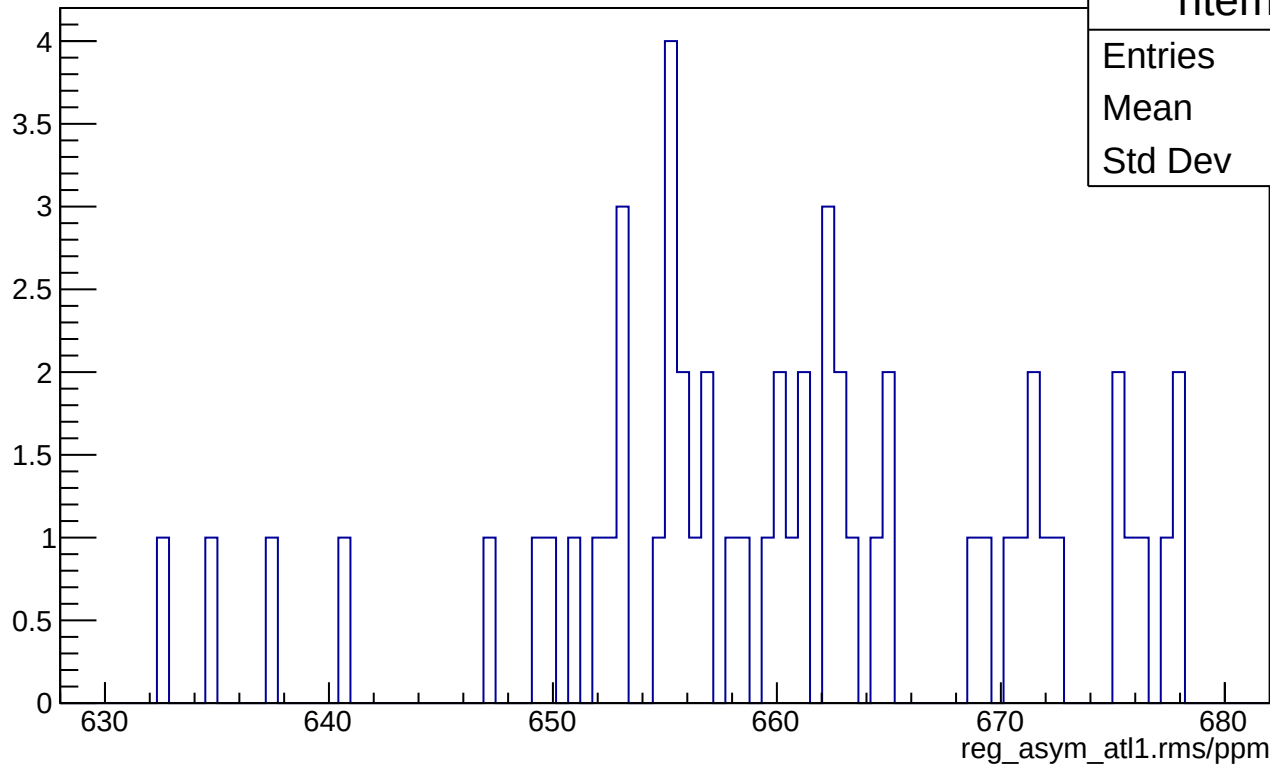
reg_asym_atl1r2_dd.rms/ppm



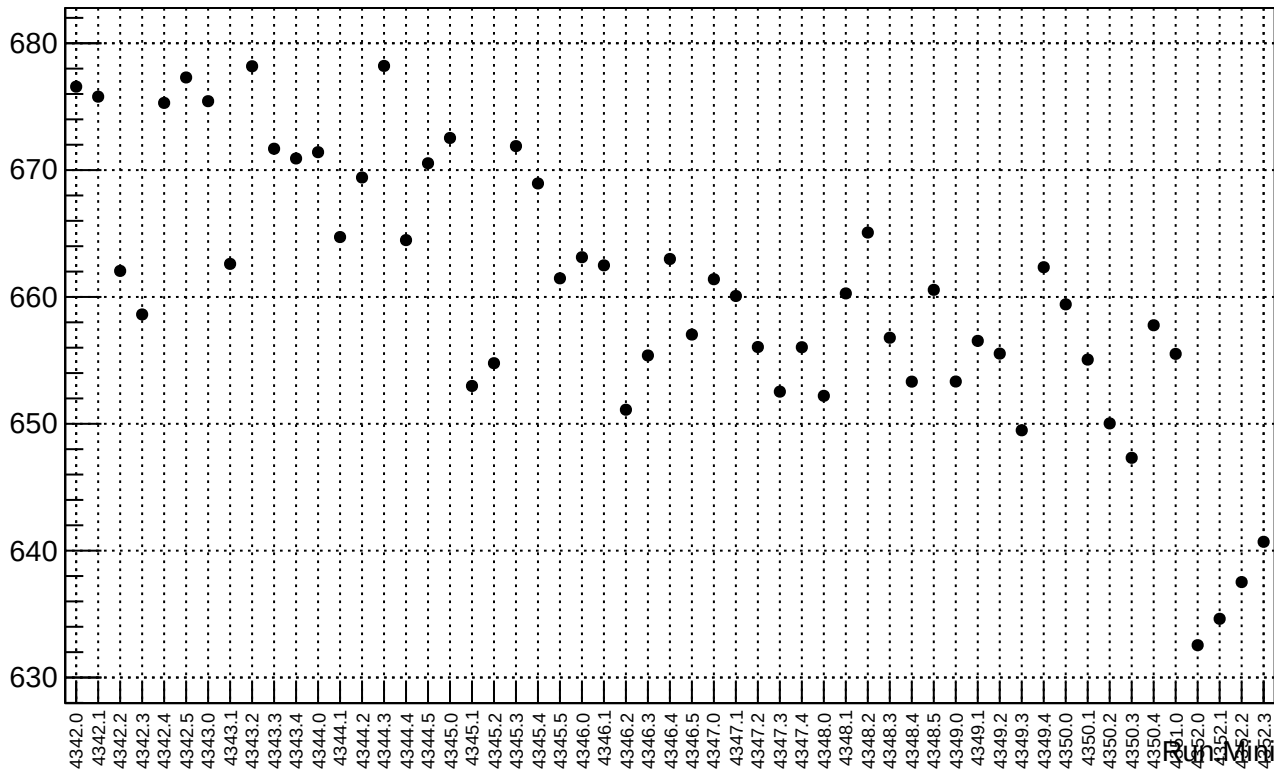
reg_asym_atl1r2_dd.rms/ppm



reg_asym_atl1.rms/ppm



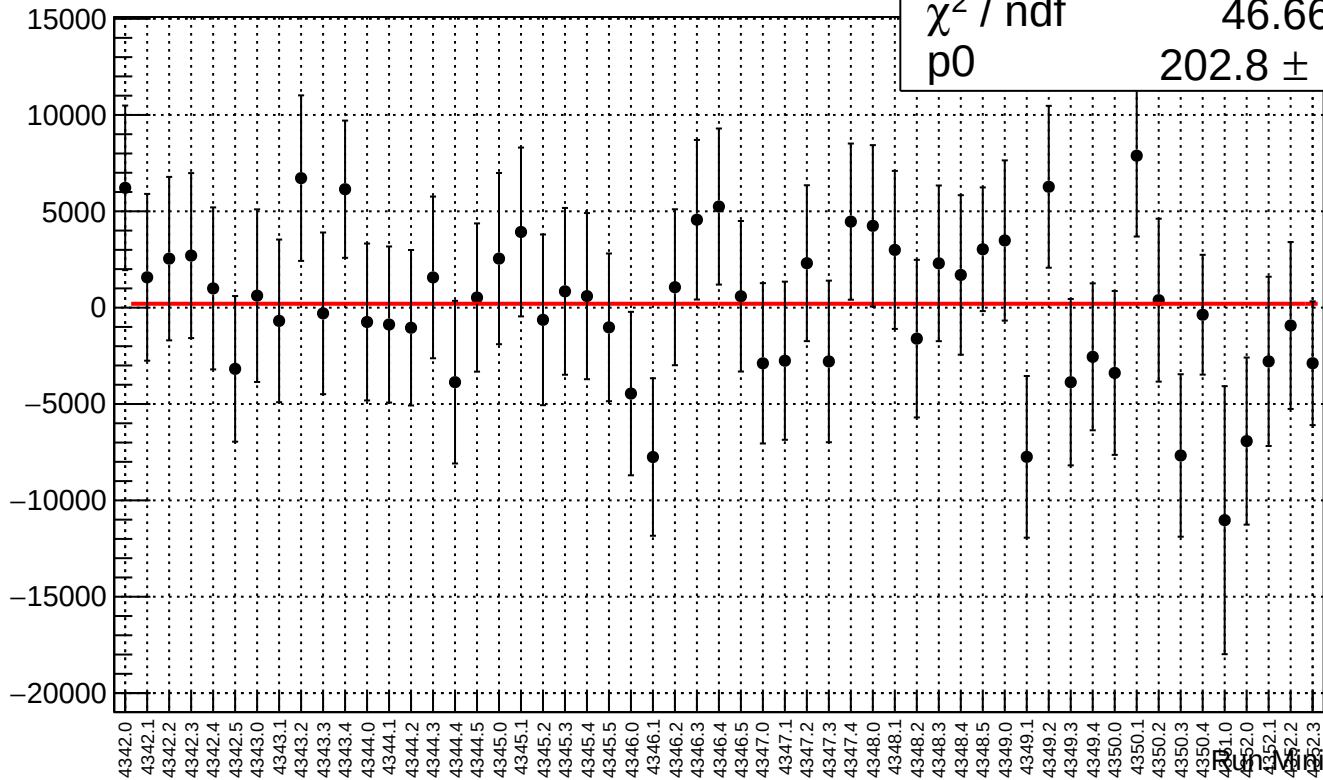
reg_asym_atl1.rms/ppm



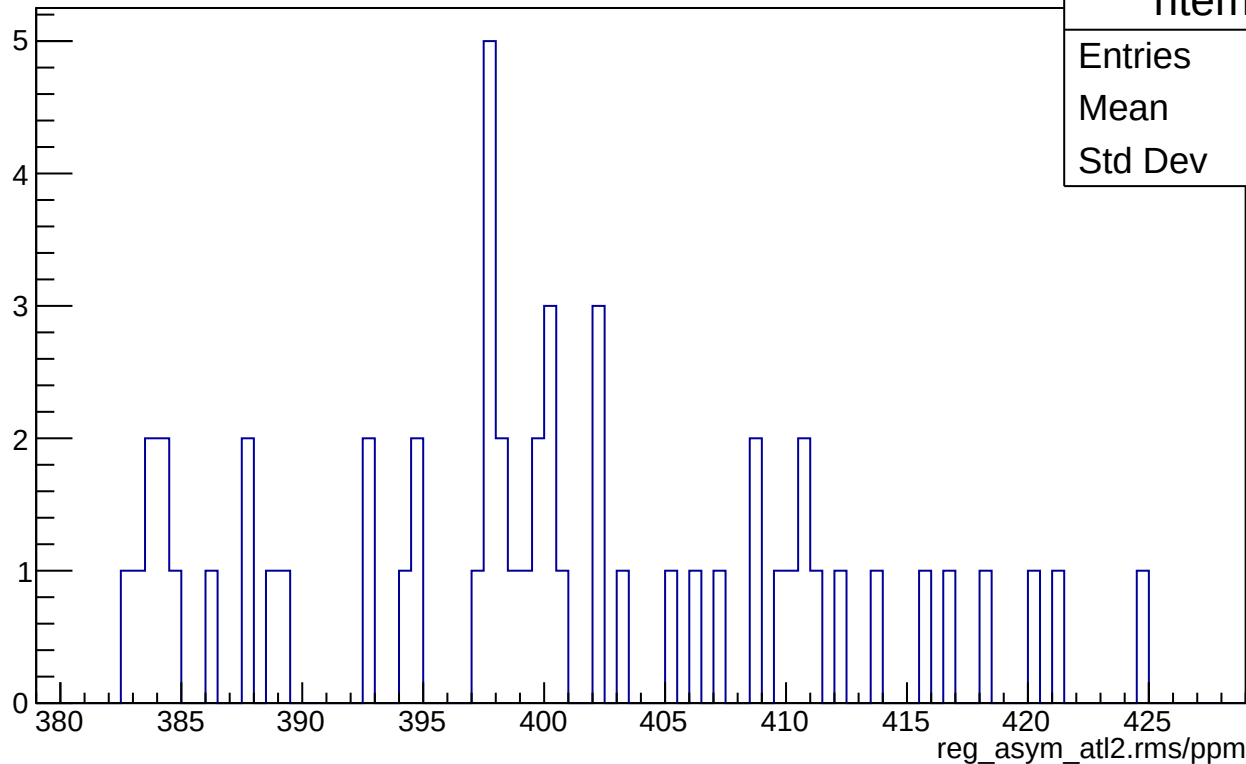
reg_asym_atl2.mean/ppb

χ^2 / ndf
p0

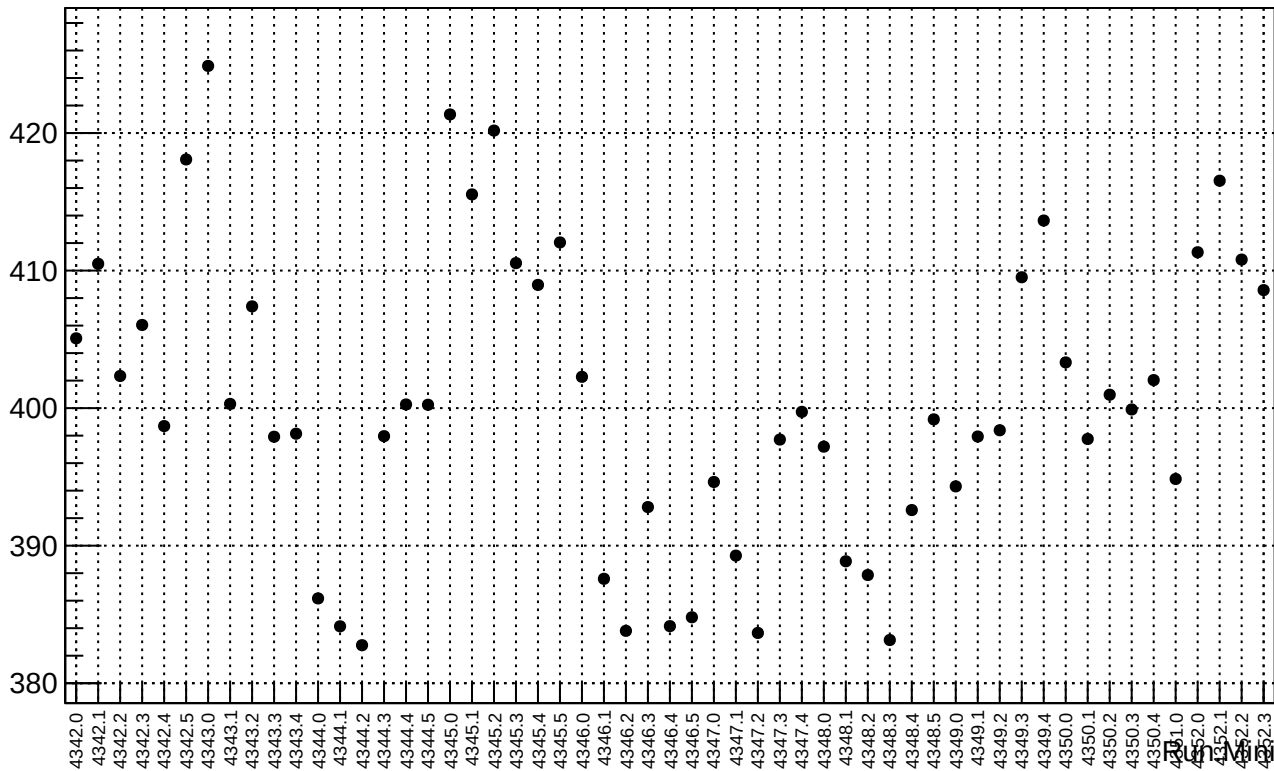
46.66 / 54
 202.8 ± 552



reg_asym_atl2.rms/ppm



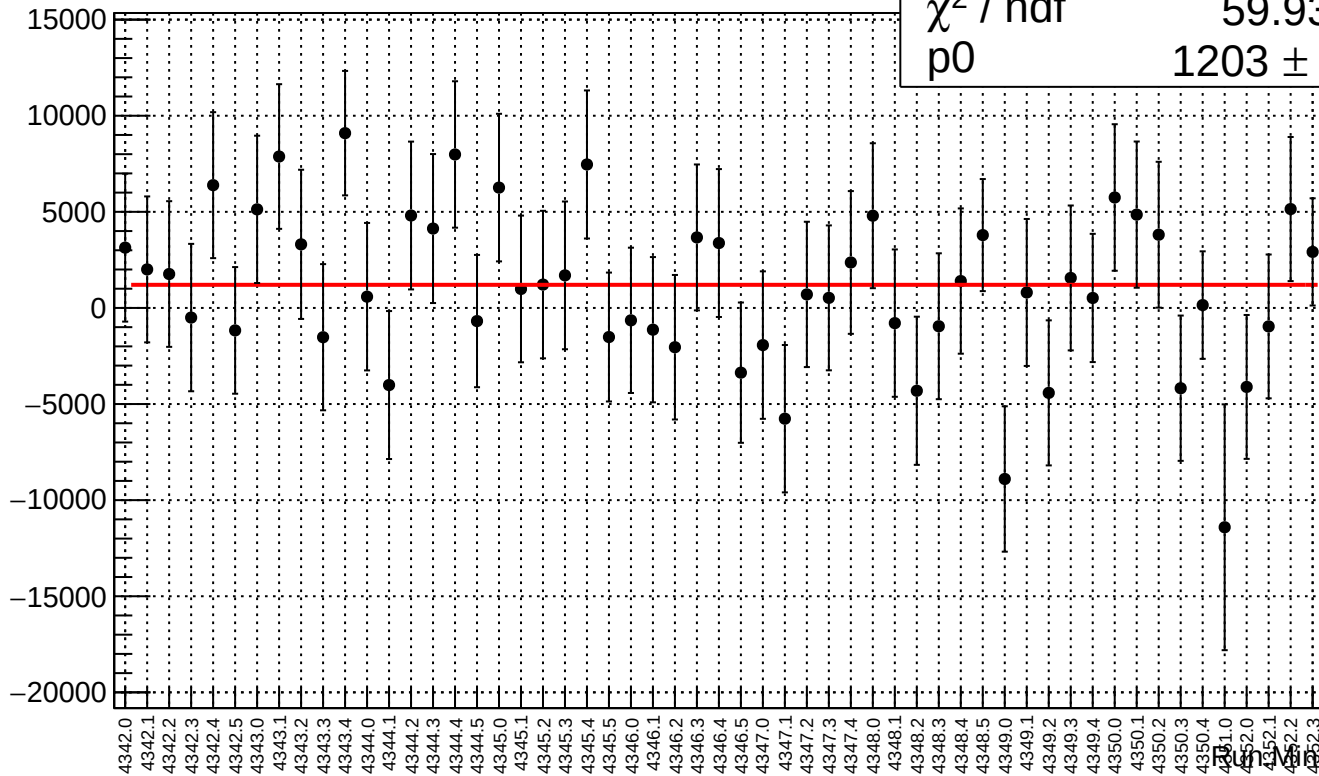
reg_asym_atl2.rms/ppm



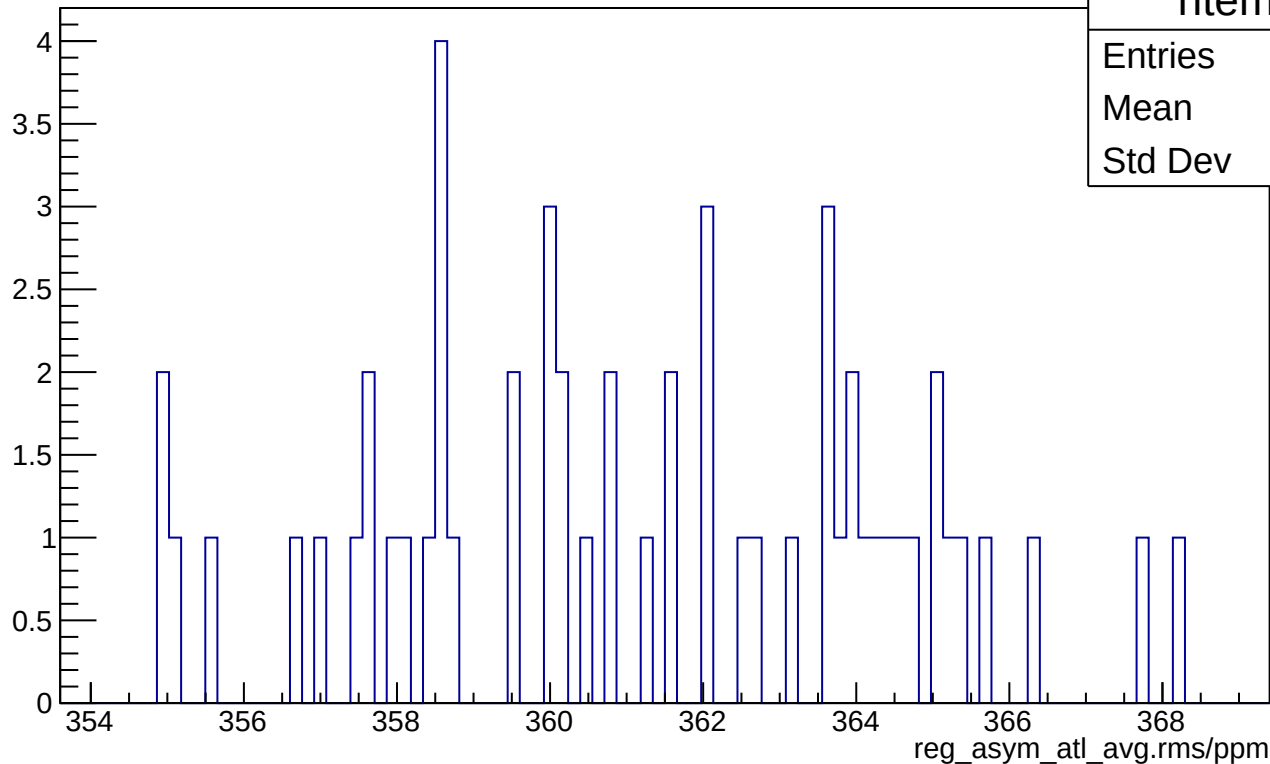
reg_asym_atl_avg.mean/ppb

χ^2 / ndf
p0

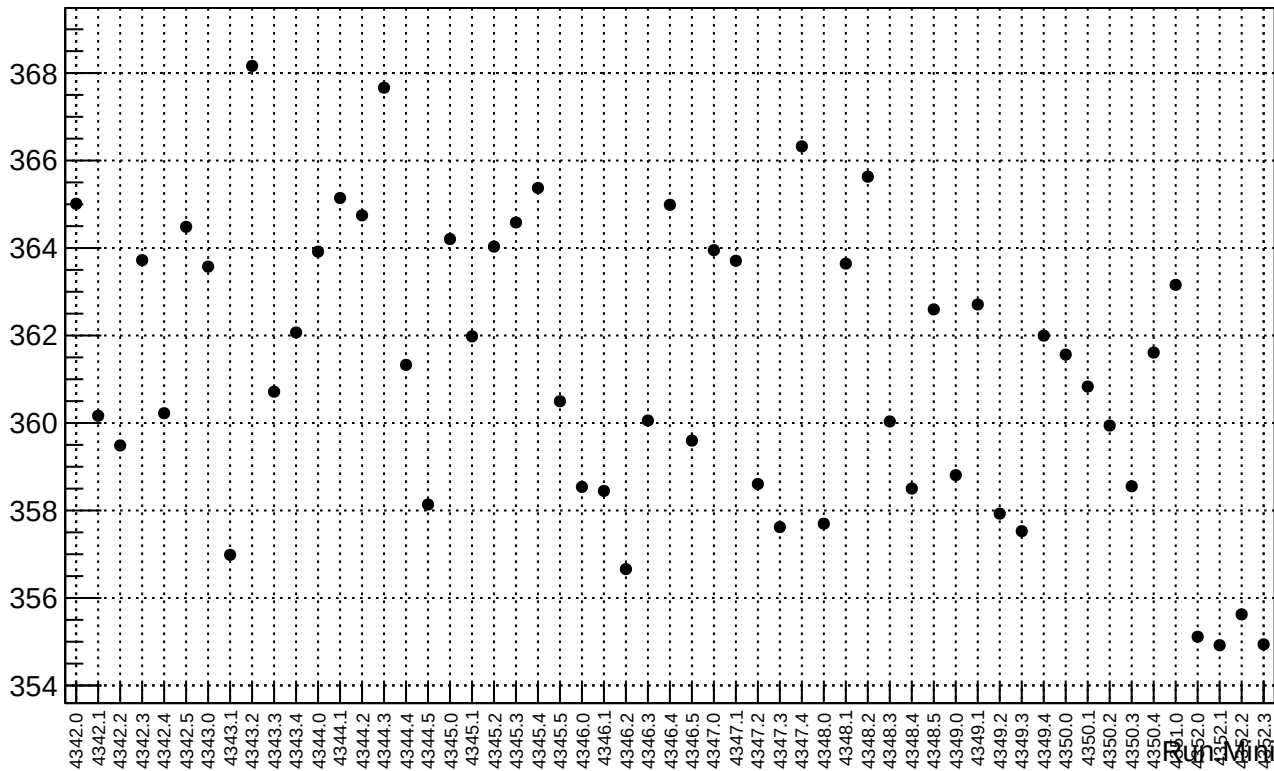
59.93 / 54
 1203 ± 498



reg_asym_atl_avg.rms/ppm



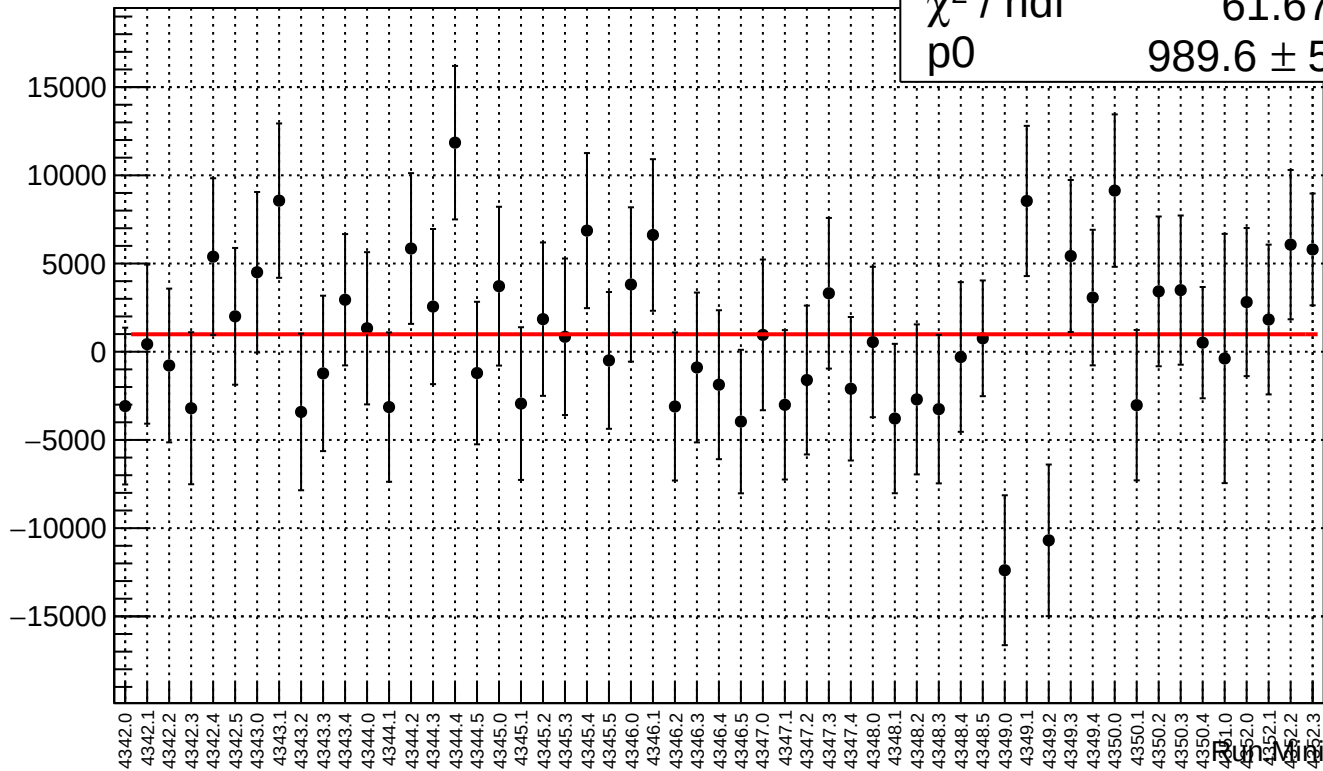
reg_asym_atl_avg.rms/ppm



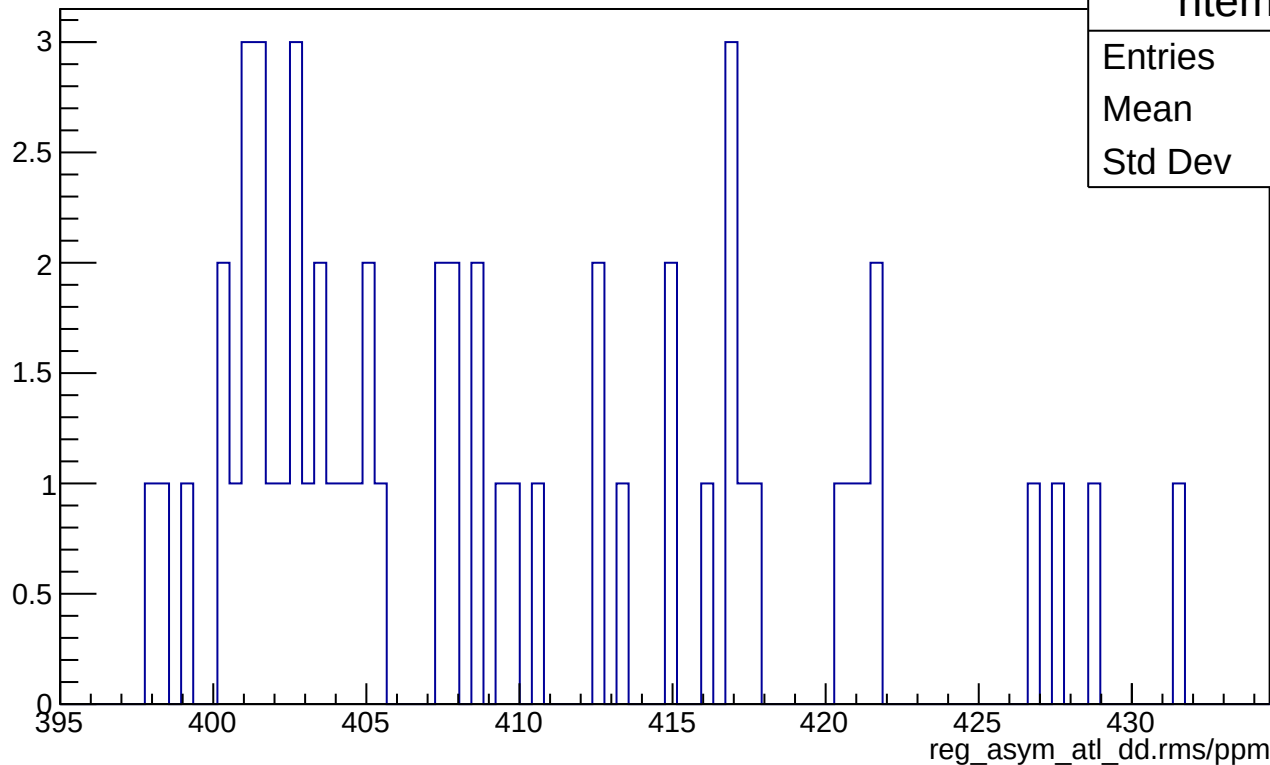
reg_asym_atl_dd.mean/ppb

χ^2 / ndf
p0

61.67 / 54
 989.6 ± 564.6



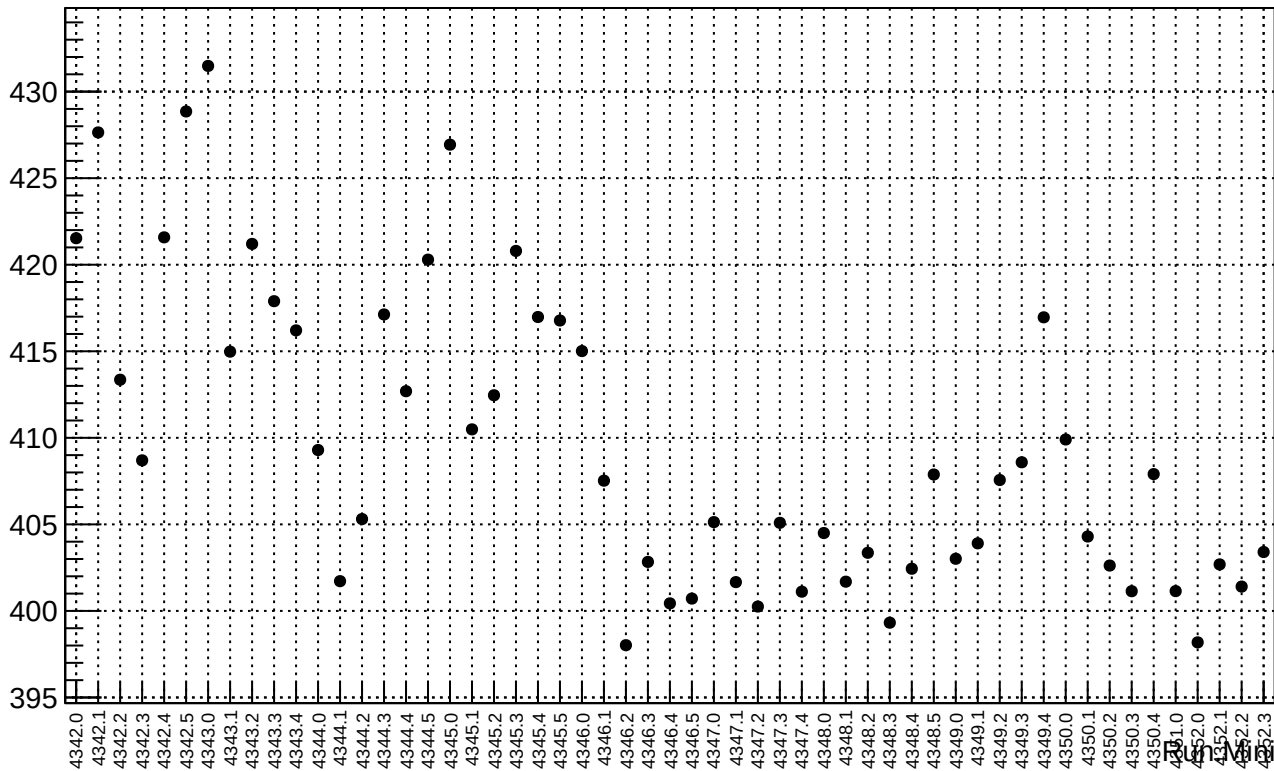
reg_asym_atl_dd.rms/ppm



htemp

Entries	55
Mean	409.5
Std Dev	8.657

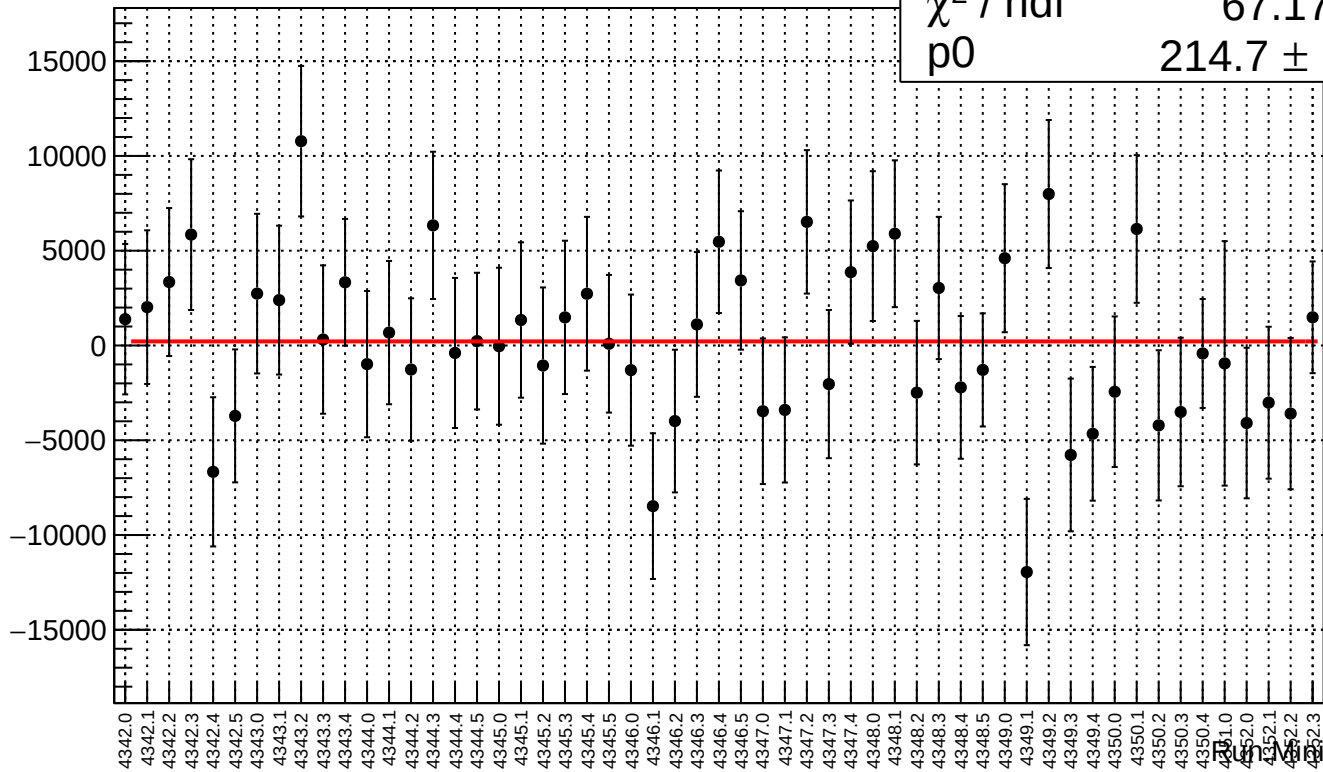
reg_asym_atl_dd.rms/ppm



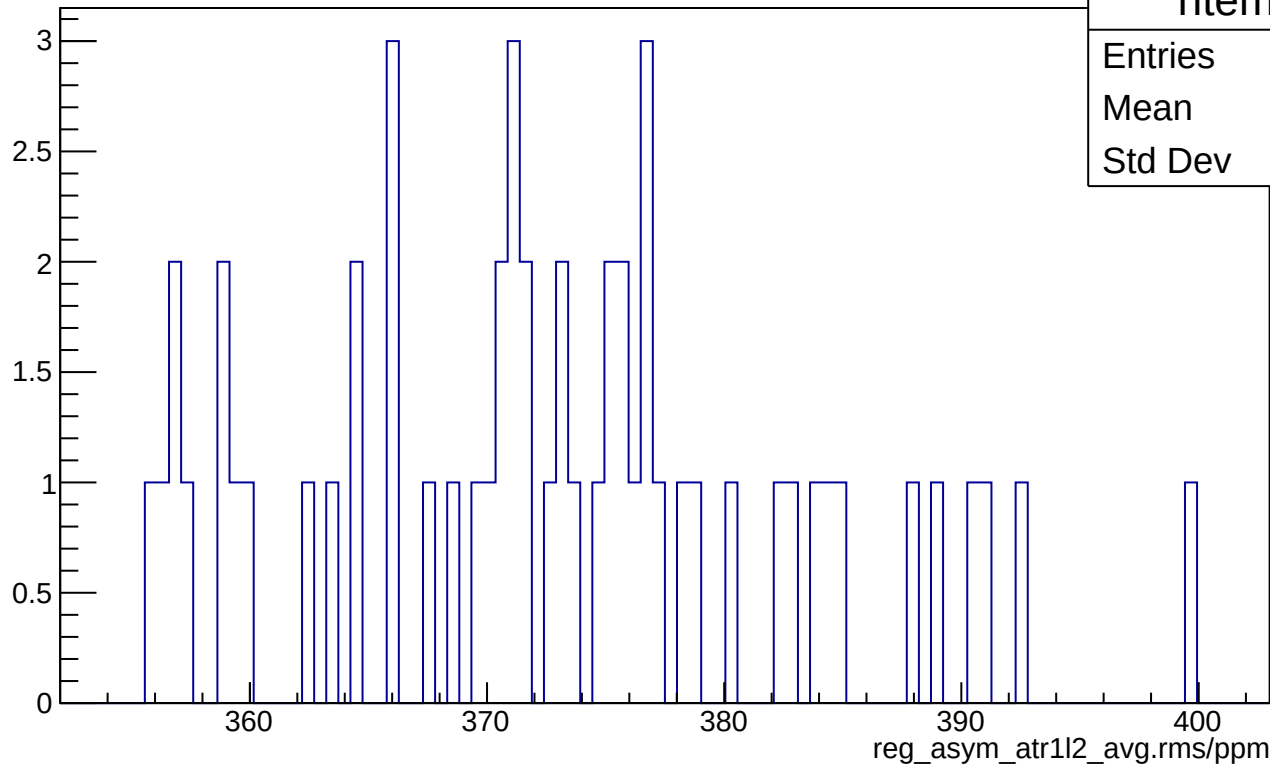
reg_asym_atr1l2_avg.mean/ppb

χ^2 / ndf
p0

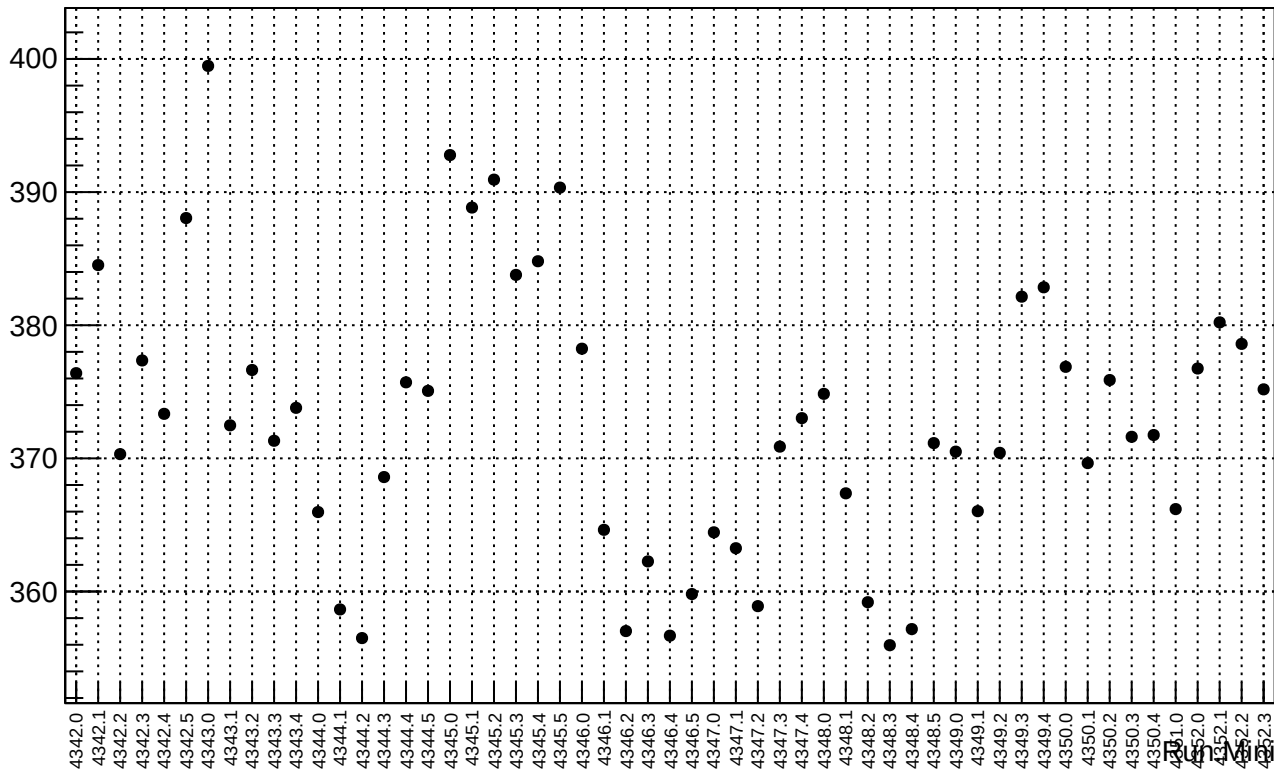
67.17 / 54
 214.7 ± 514



reg_asym_atr1l2_avg.rms/ppm



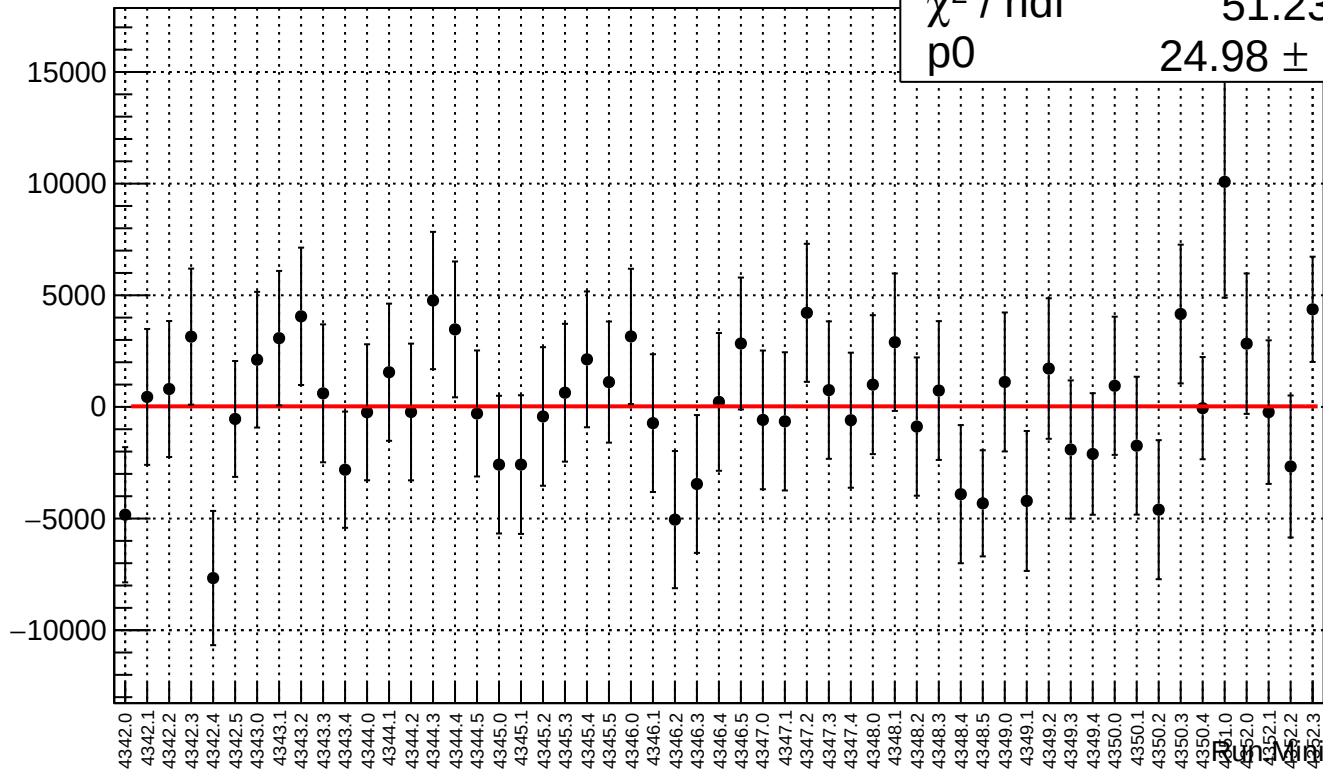
reg_asym_atr1l2_avg.rms/ppm



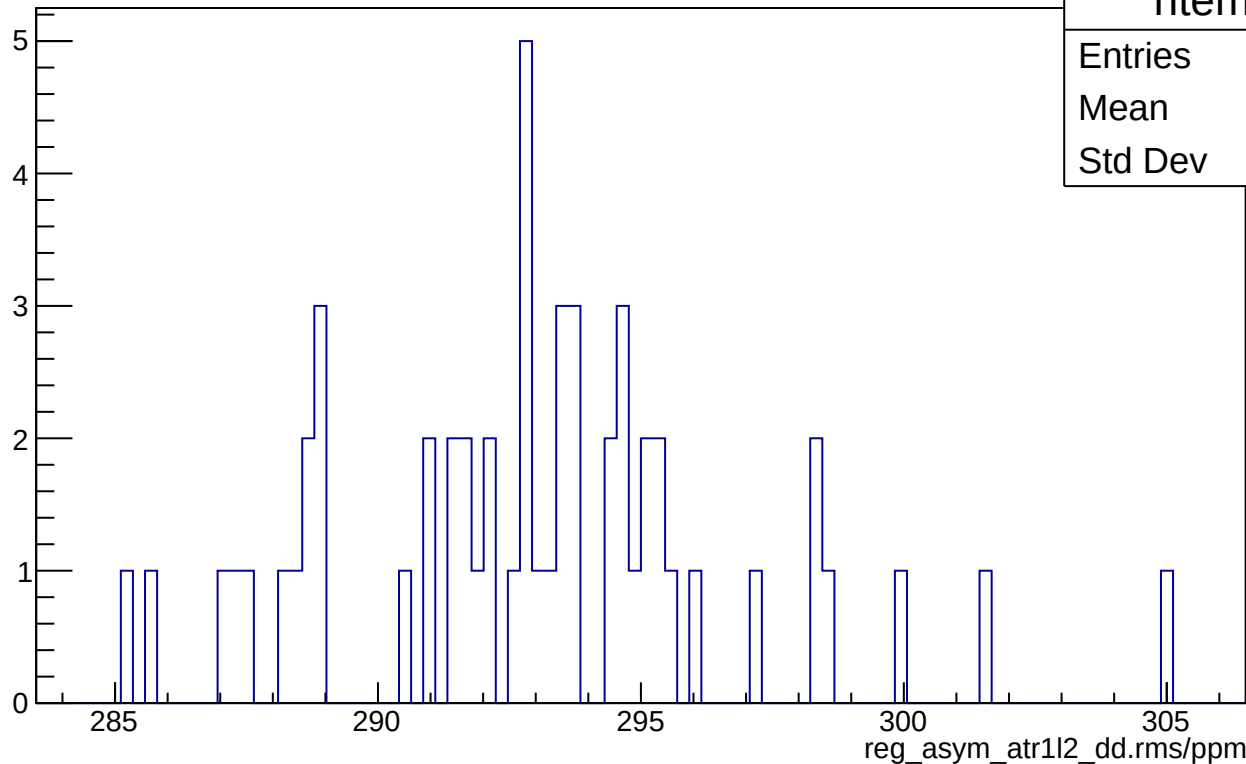
reg_asym_atr1l2_dd.mean/ppb

χ^2 / ndf
p0

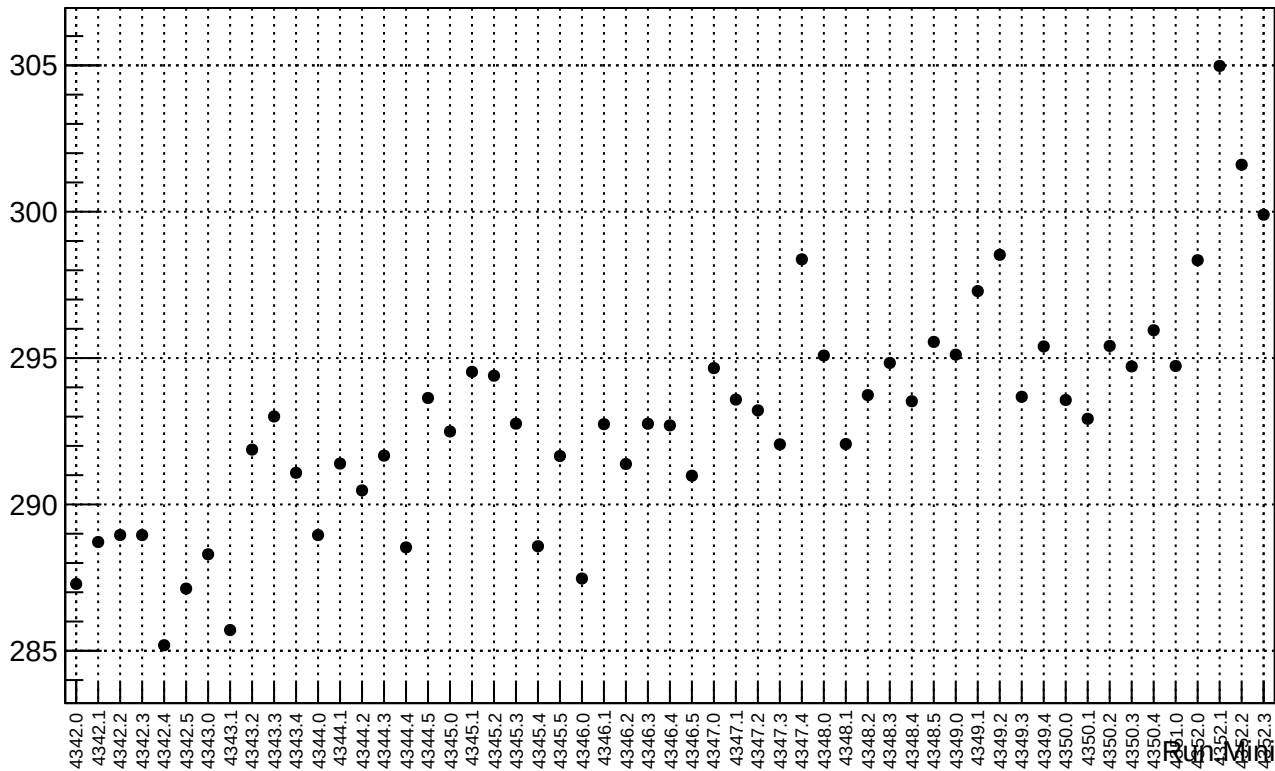
51.23 / 54
 24.98 ± 404



reg_asym_atr1l2_dd.rms/ppm



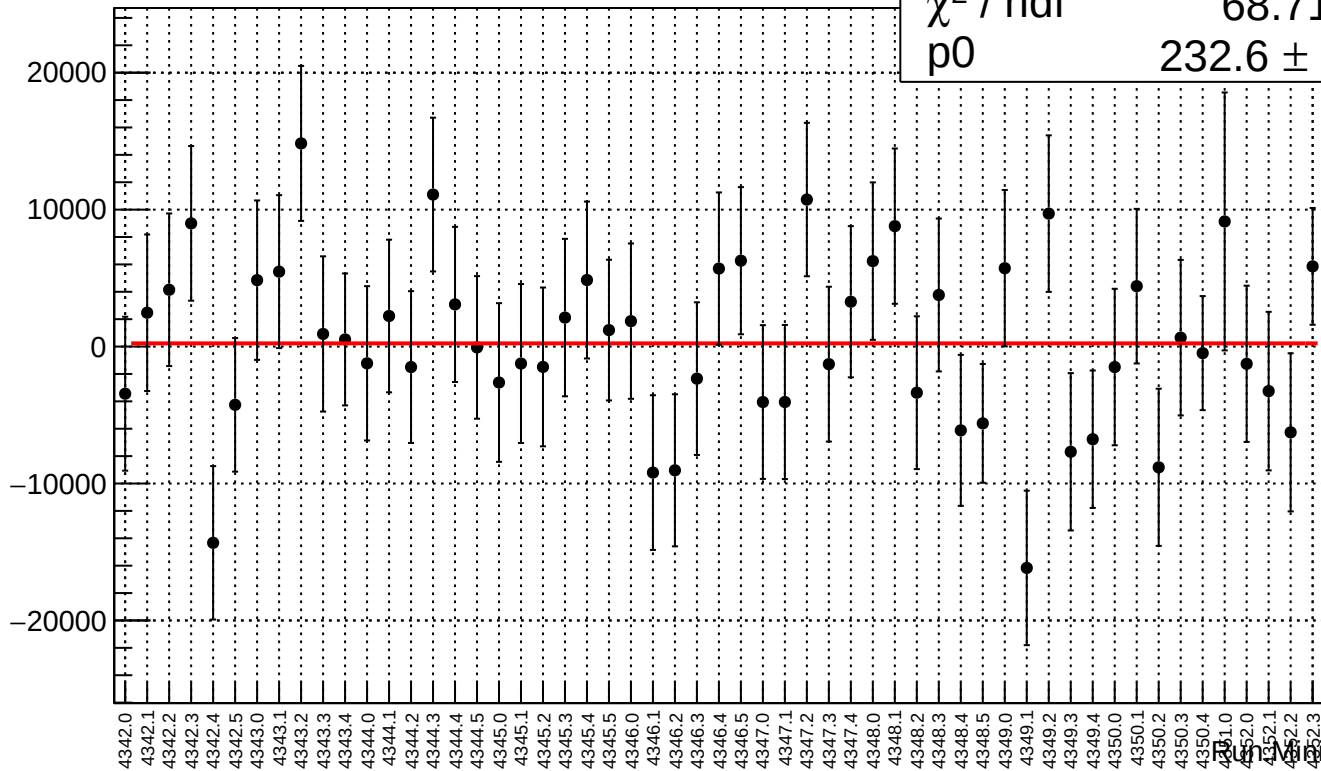
reg_asym_atr1l2_dd.rms/ppm



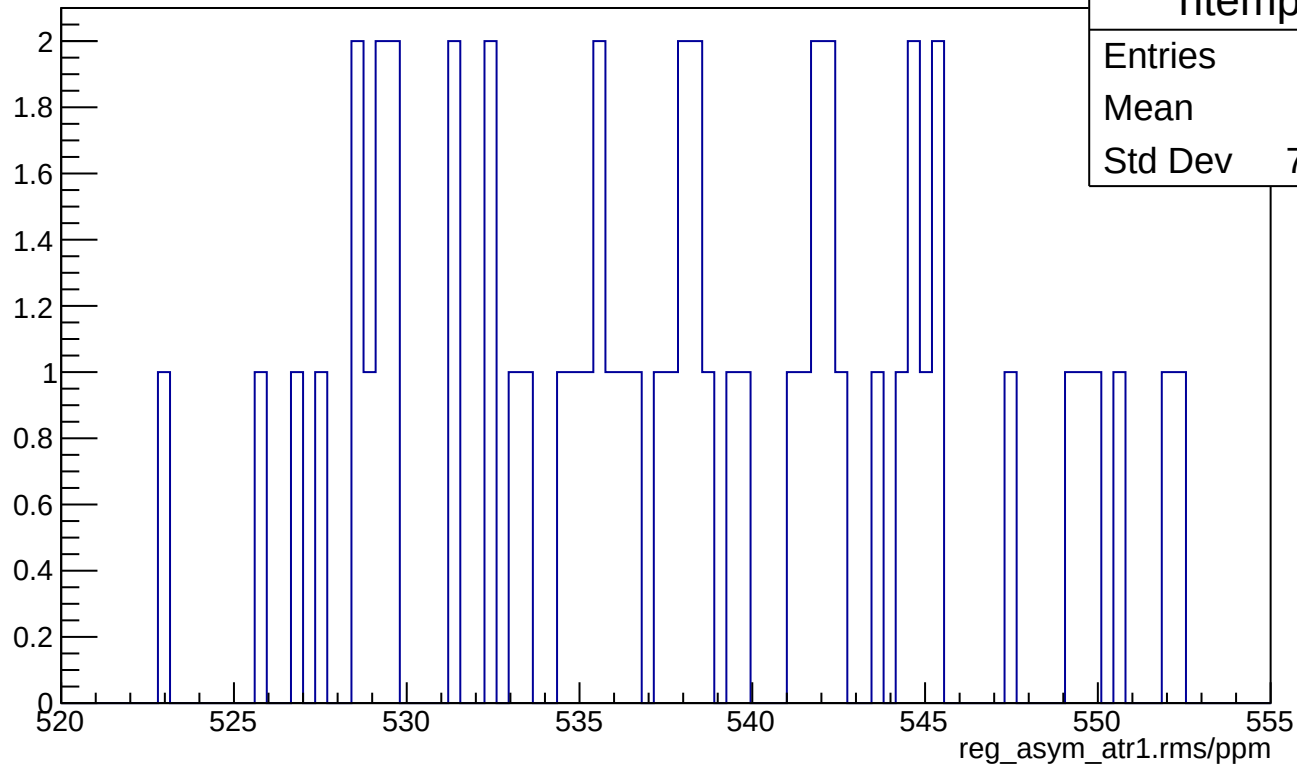
reg_asym_atr1.mean/ppb

χ^2 / ndf
p0

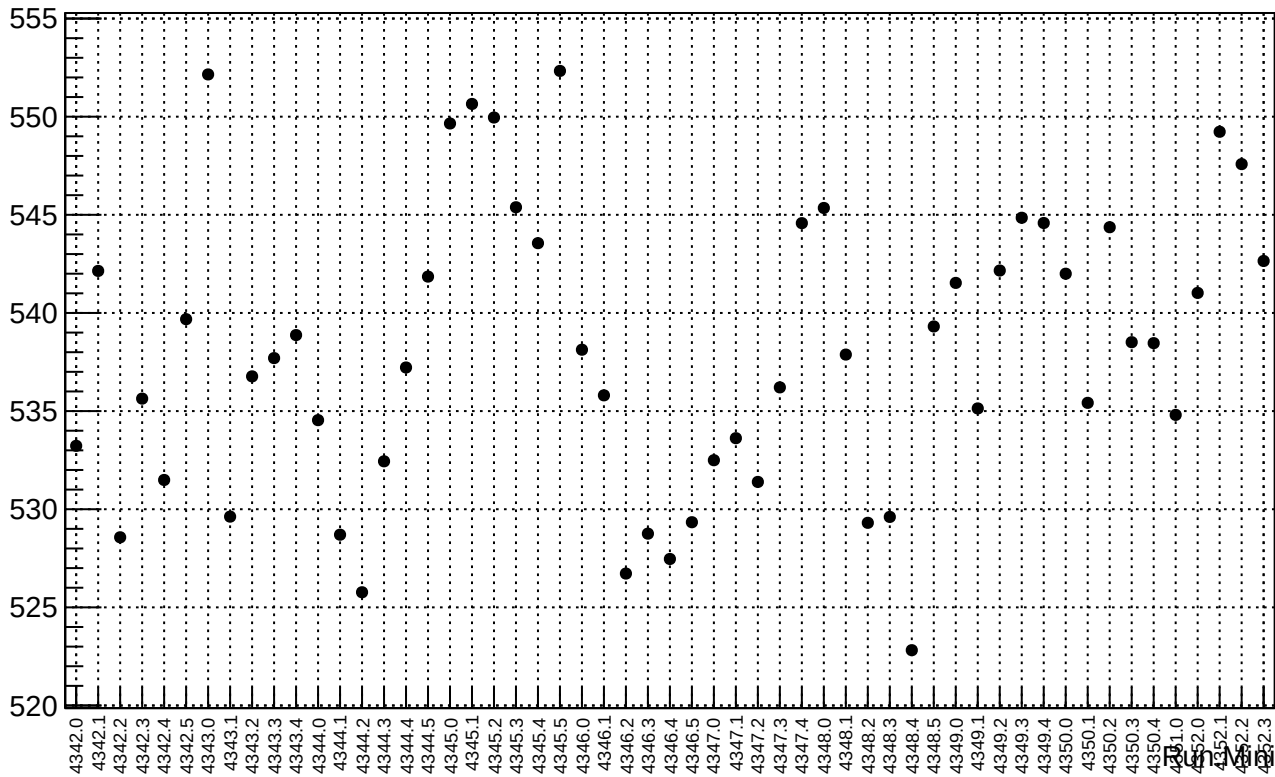
68.71 / 54
 232.6 ± 742



reg_asym_atr1.rms/ppm



reg_asym_atr1.rms/ppm

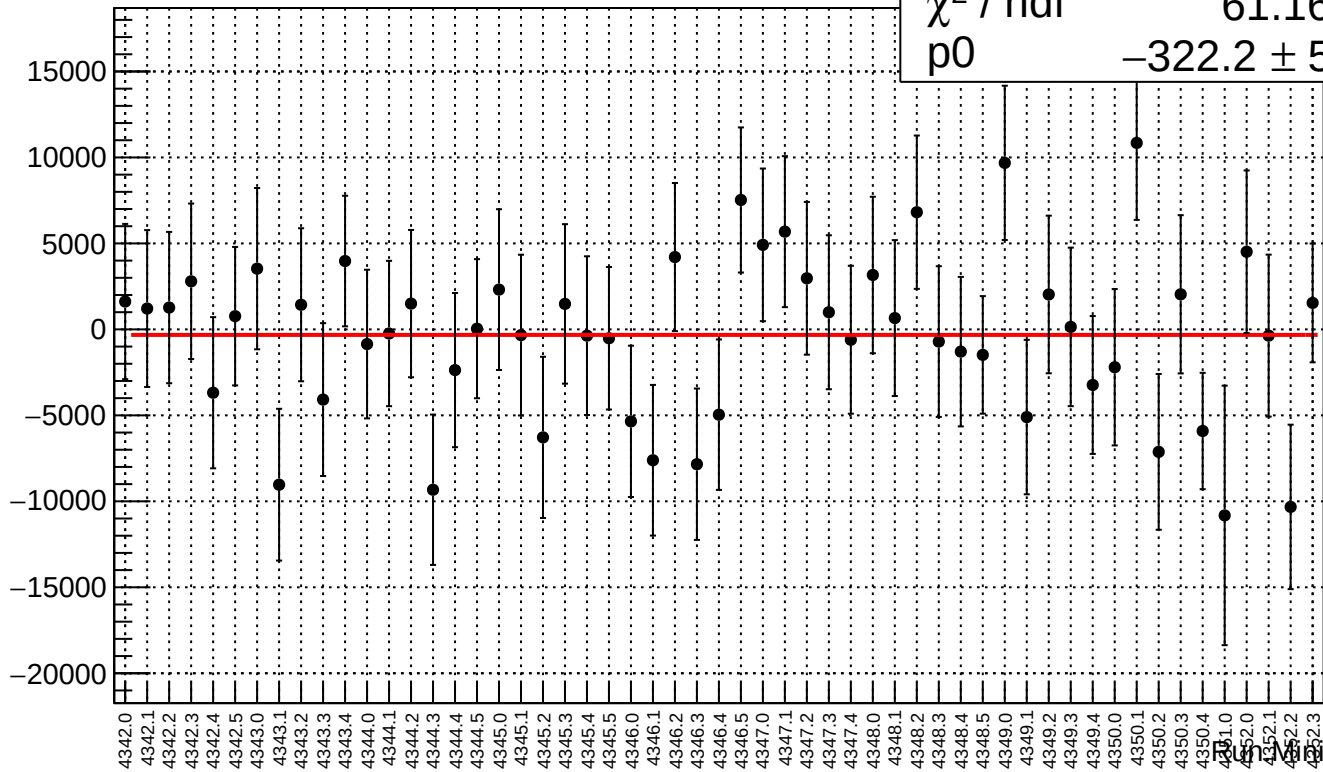


reg_asym_atr2.mean/ppb

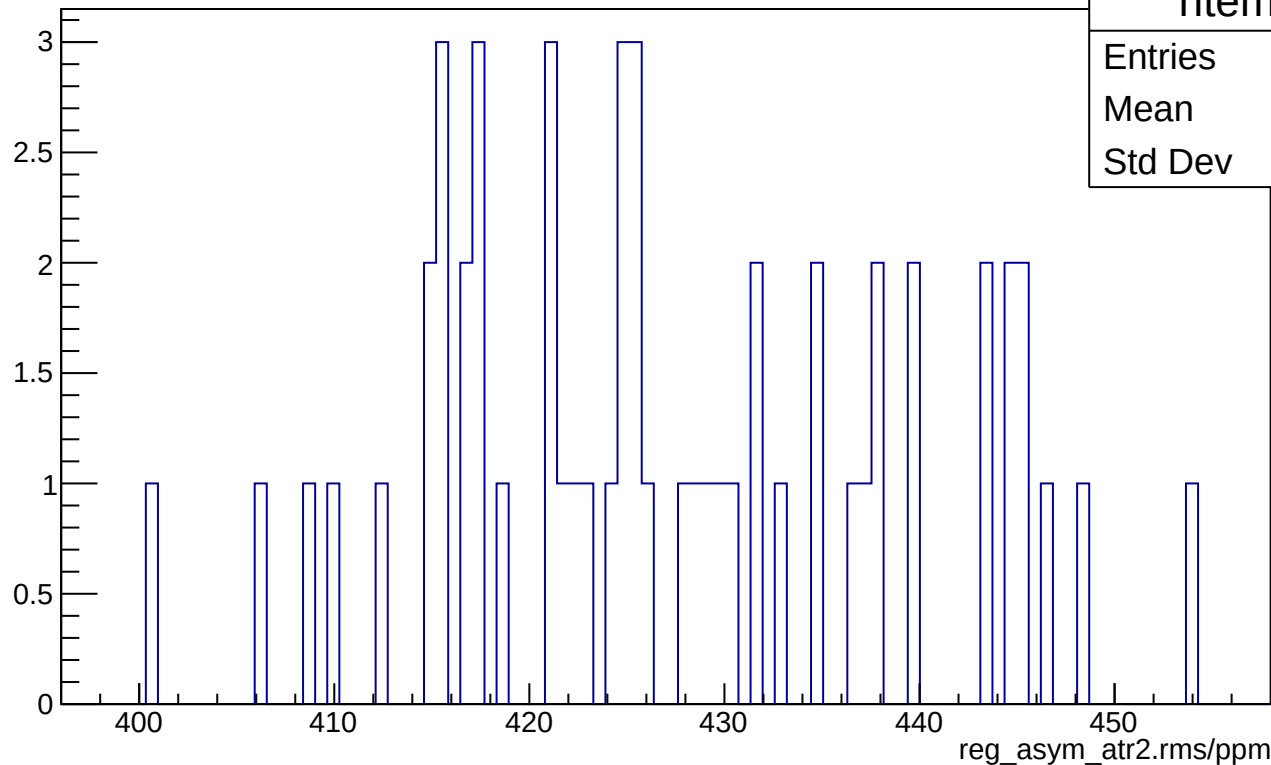
χ^2 / ndf
p0

61.16 / 54

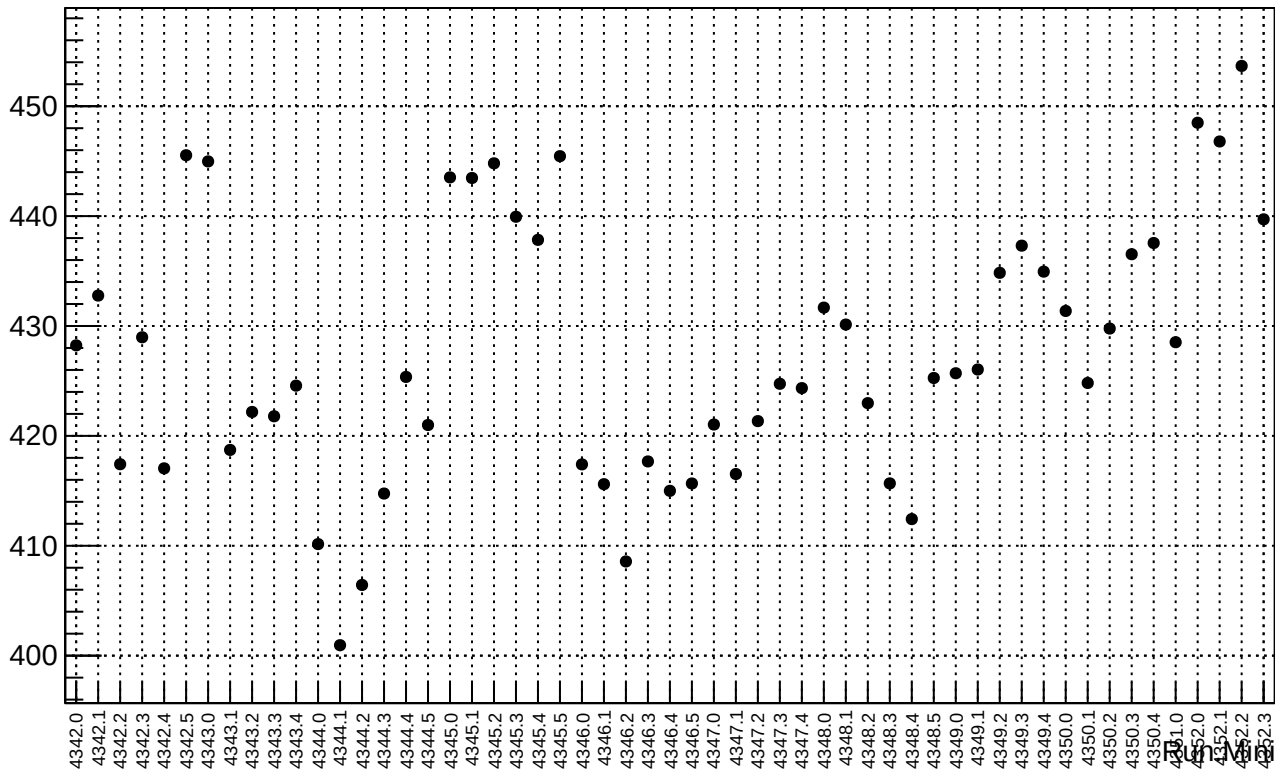
-322.2 ± 589.3



reg_asym_atr2.rms/ppm



reg_asym_atr2.rms/ppm

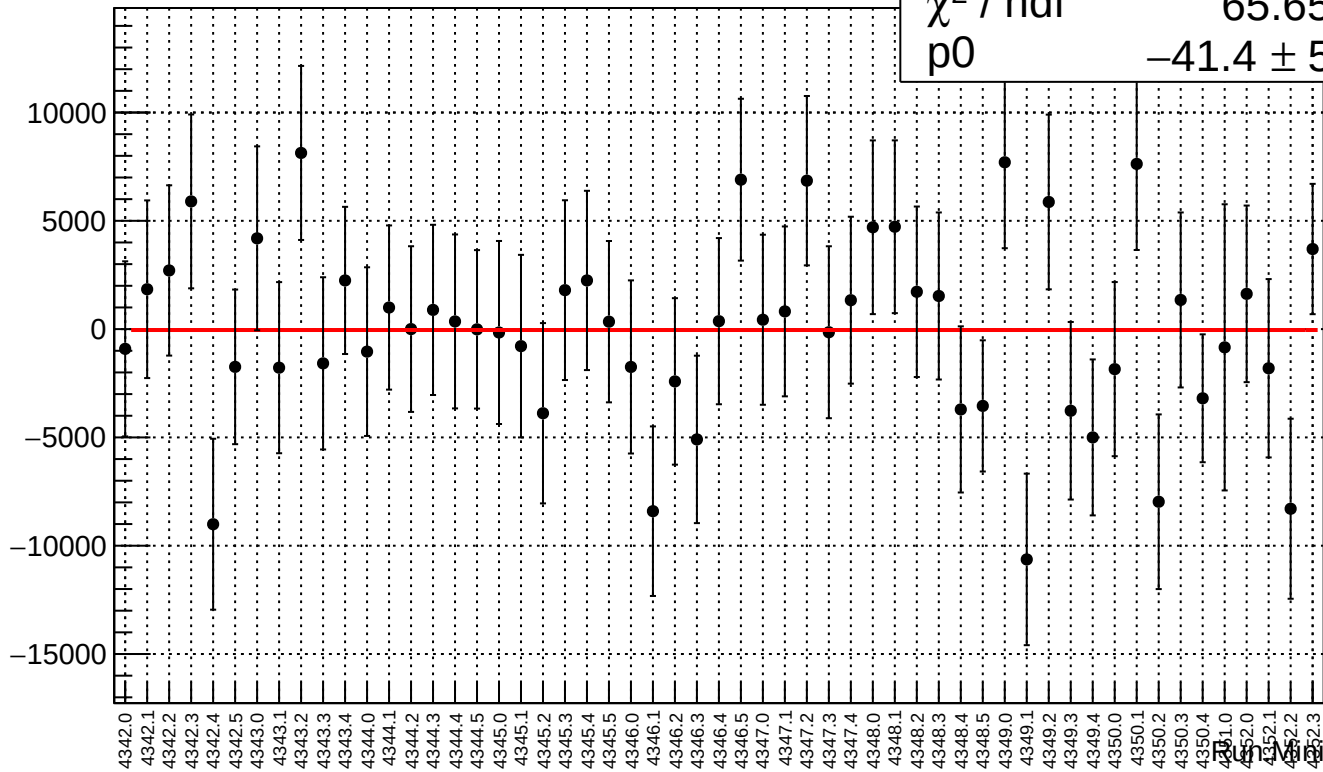


reg_asym_atr_avg.mean/ppb

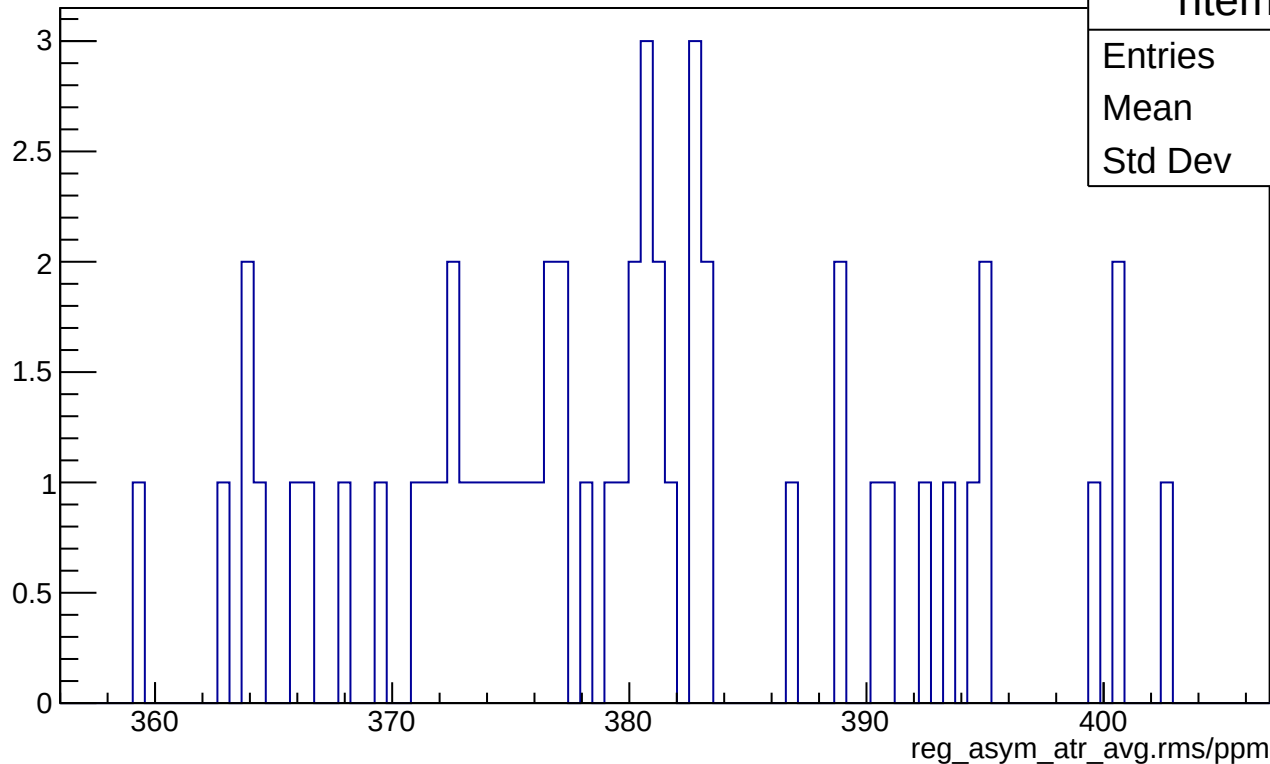
χ^2 / ndf
p0

65.65 / 54

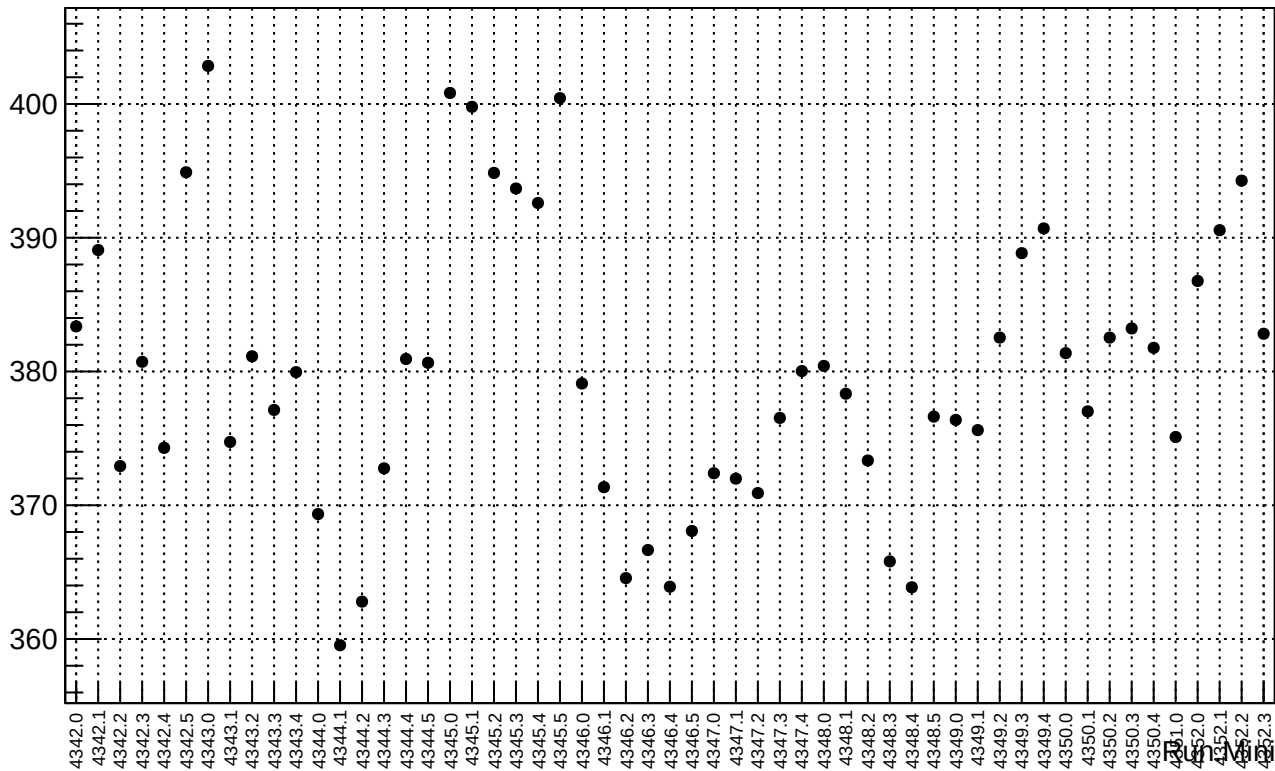
-41.4 ± 523.7



reg_asym_atr_avg.rms/ppm



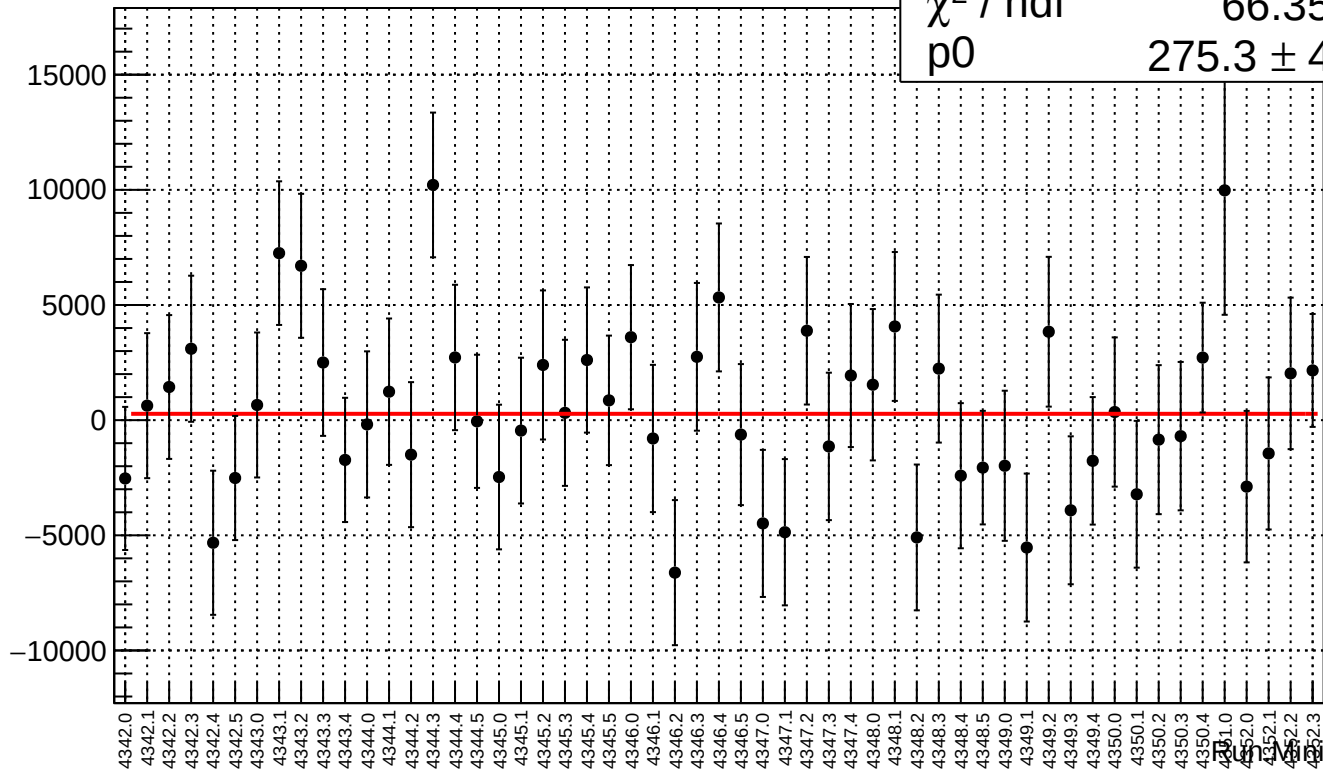
reg_asym_atr_avg.rms/ppm



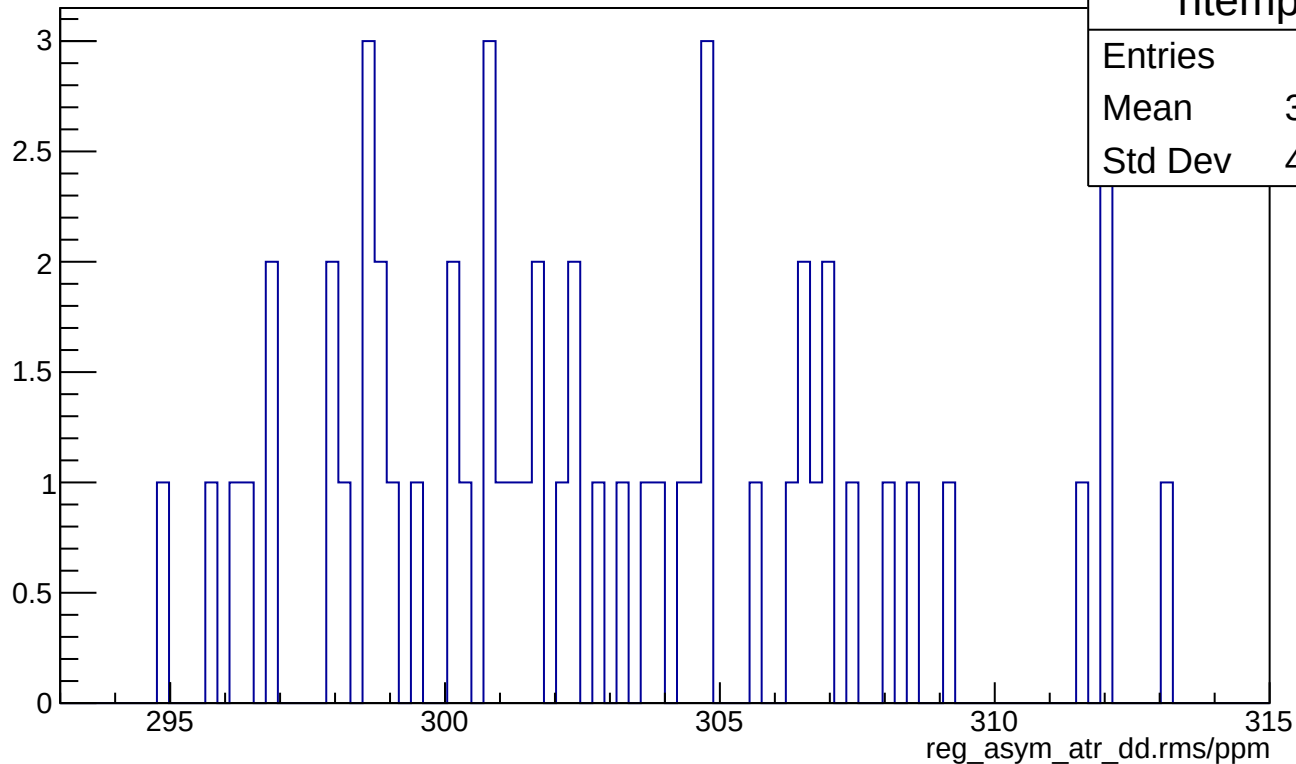
reg_asym_atr_dd.mean/ppb

χ^2 / ndf
p0

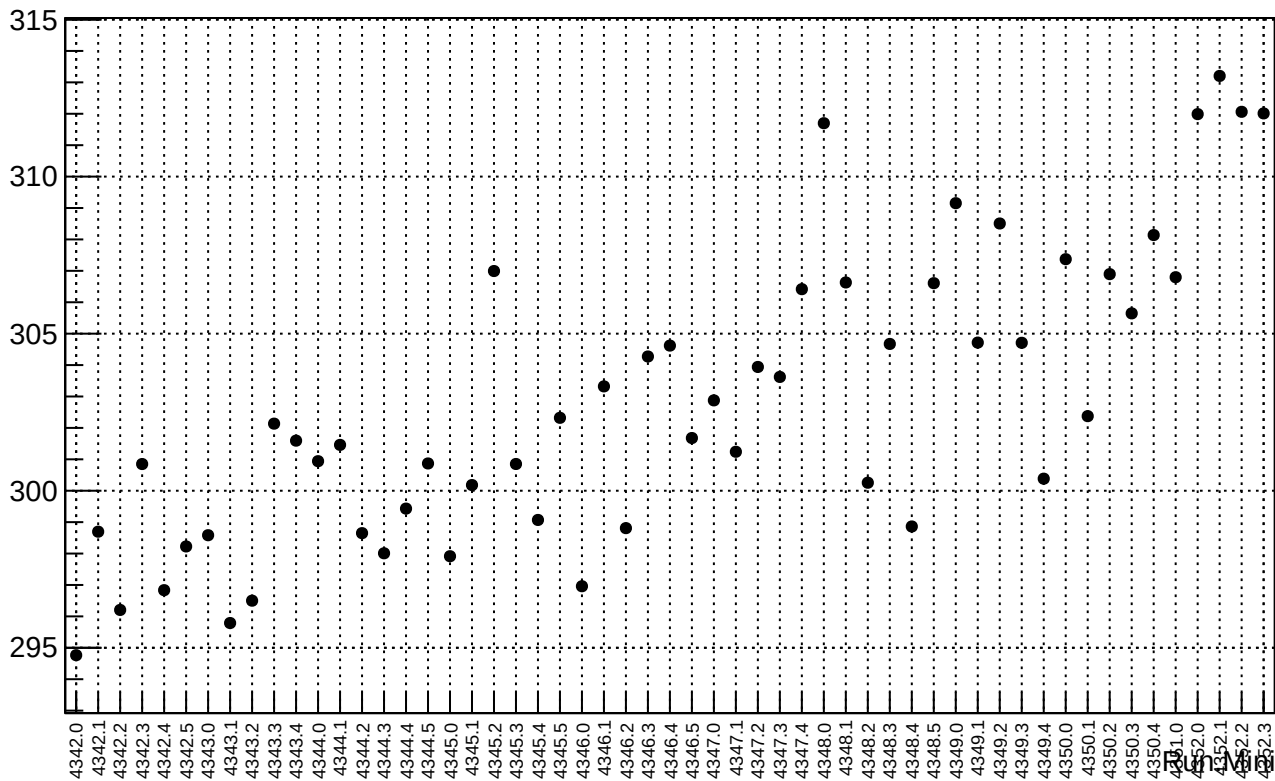
66.35 / 54
 275.3 ± 417.7



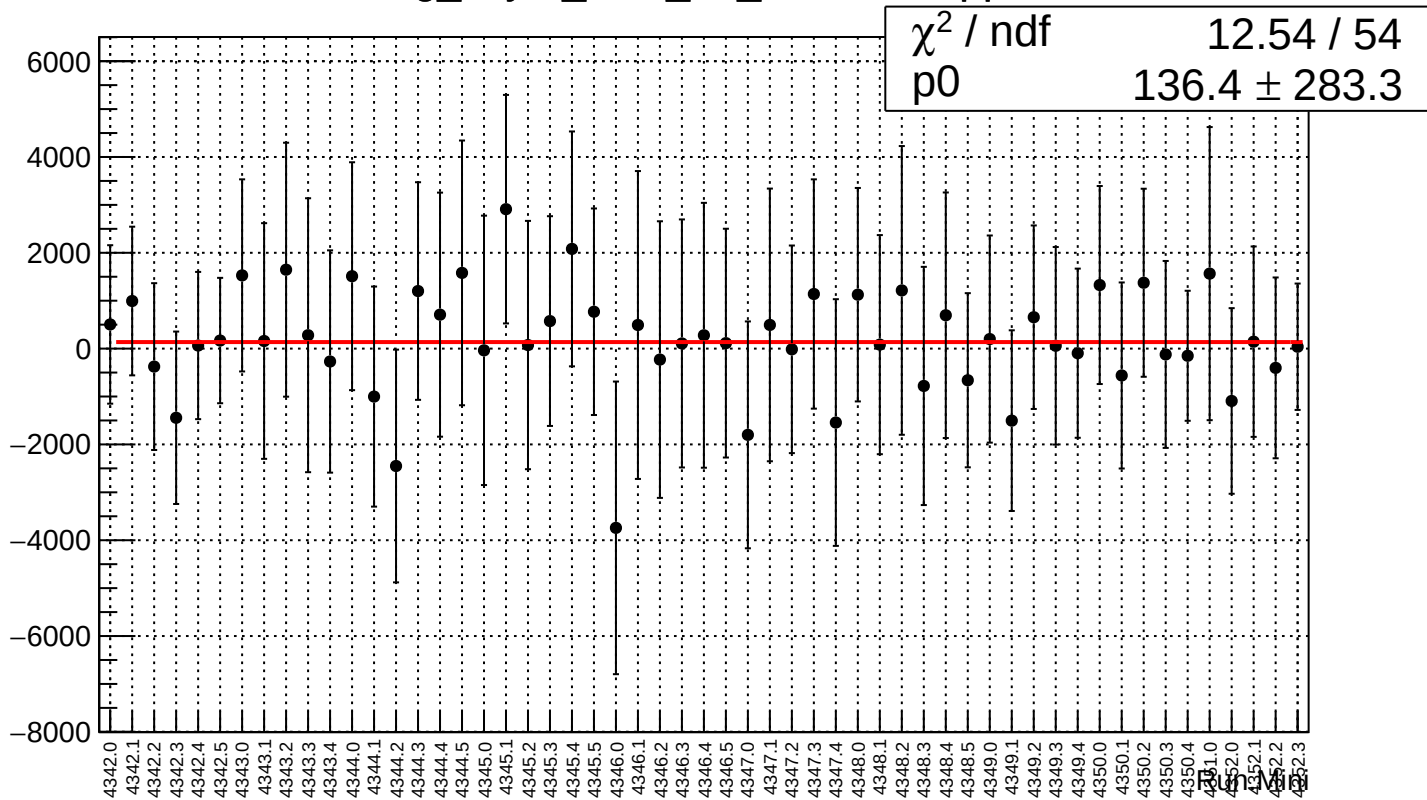
reg_asym_atr_dd.rms/ppm



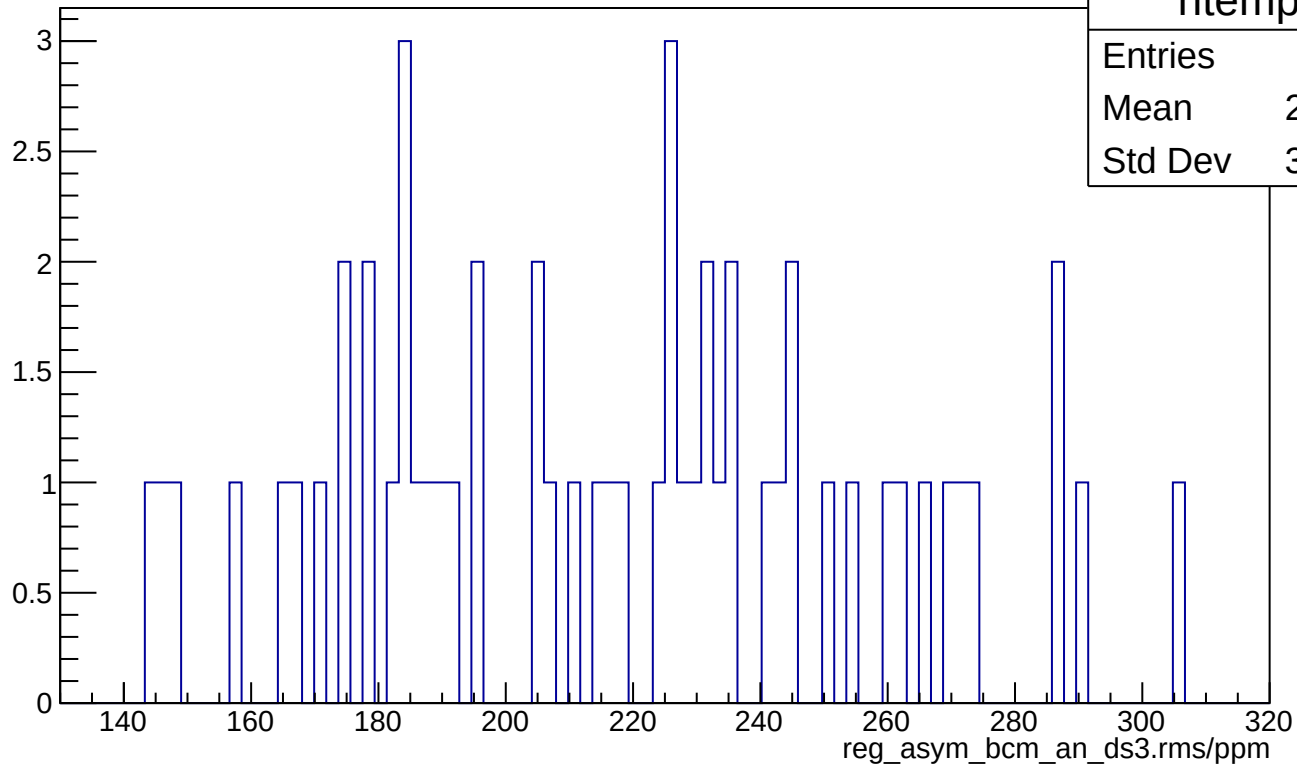
reg_asym_atr_dd.rms/ppm



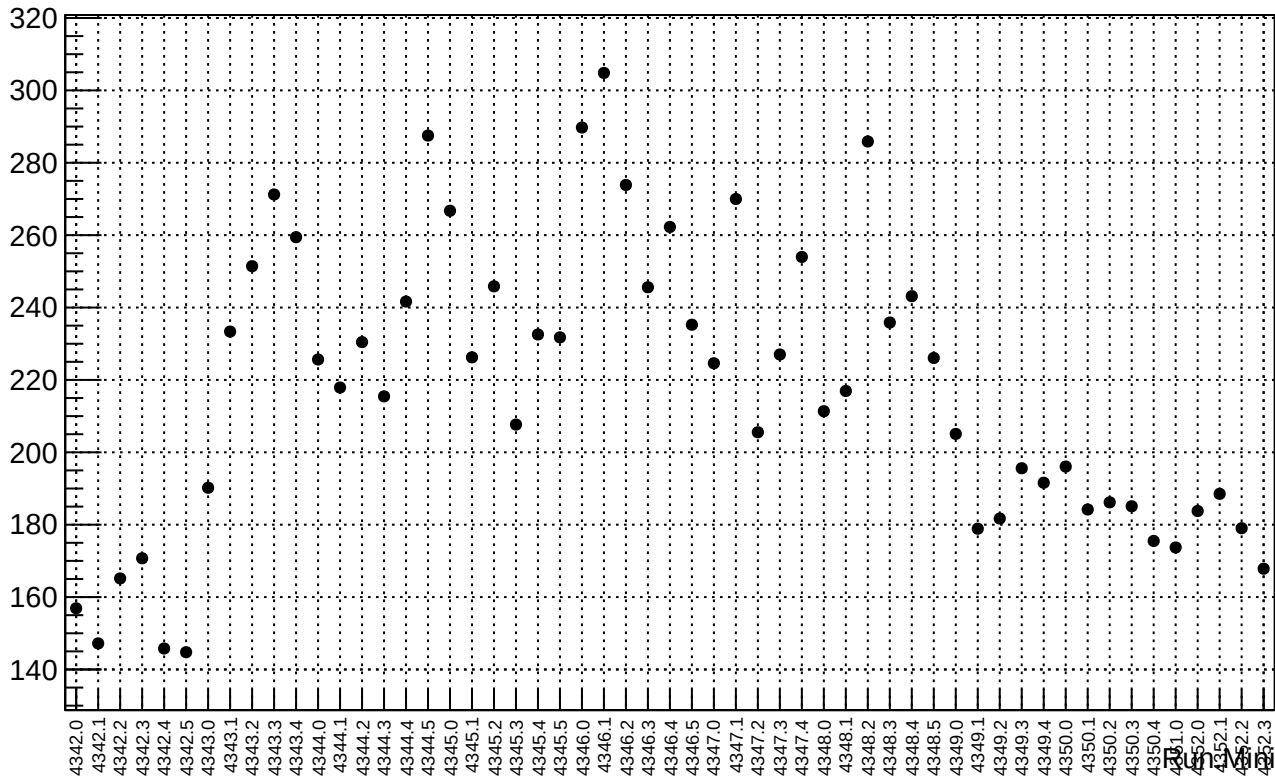
reg_asym_bcm_an_ds3.mean/ppb



reg_asym_bcm_an_ds3.rms/ppm



reg_asym_bcm_an_ds3.rms/ppm

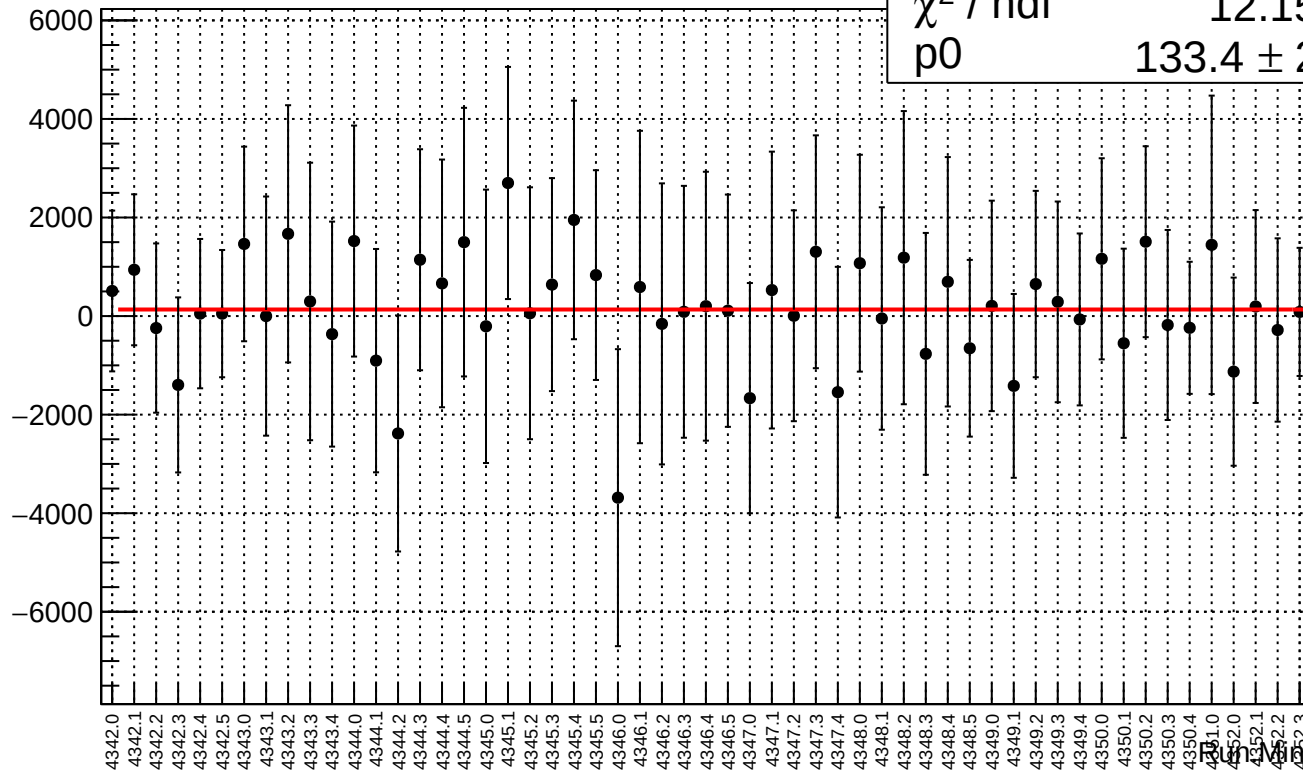


reg_asym_bcm_an_ds.mean/ppb

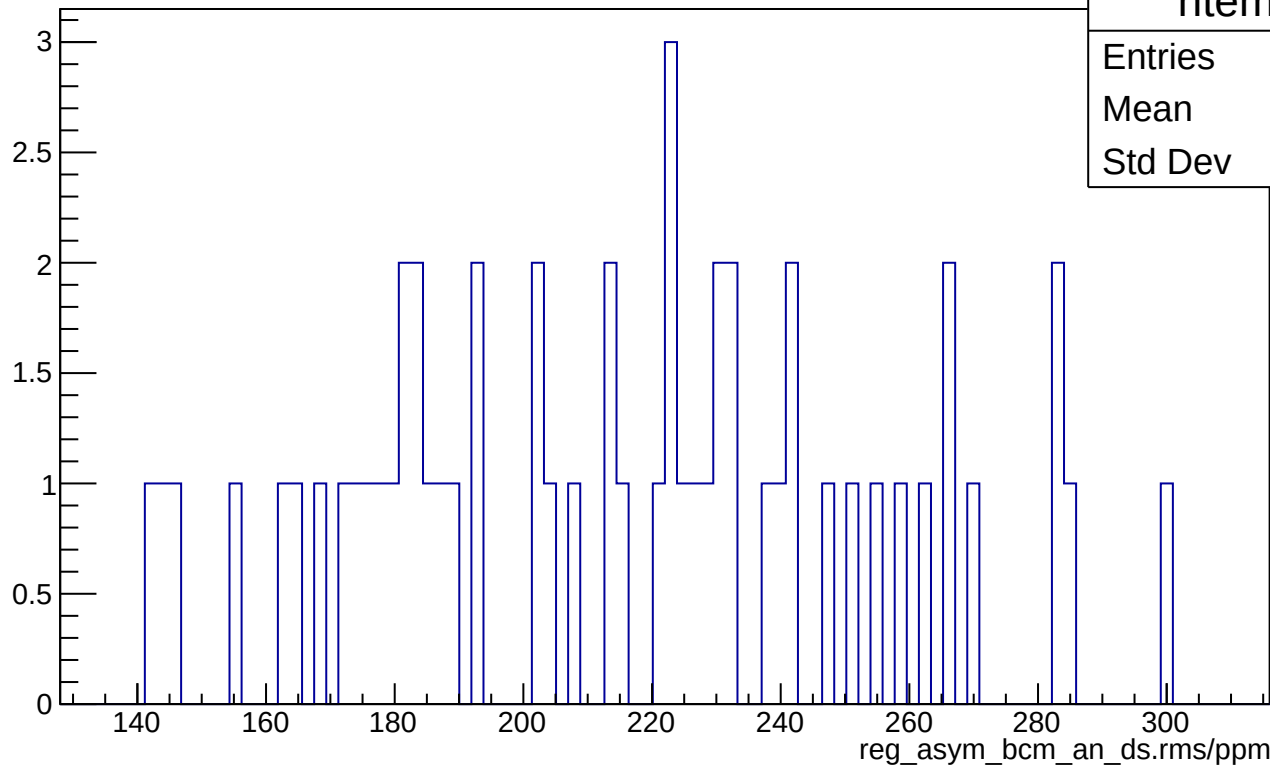
χ^2 / ndf
p0

12.15 / 54

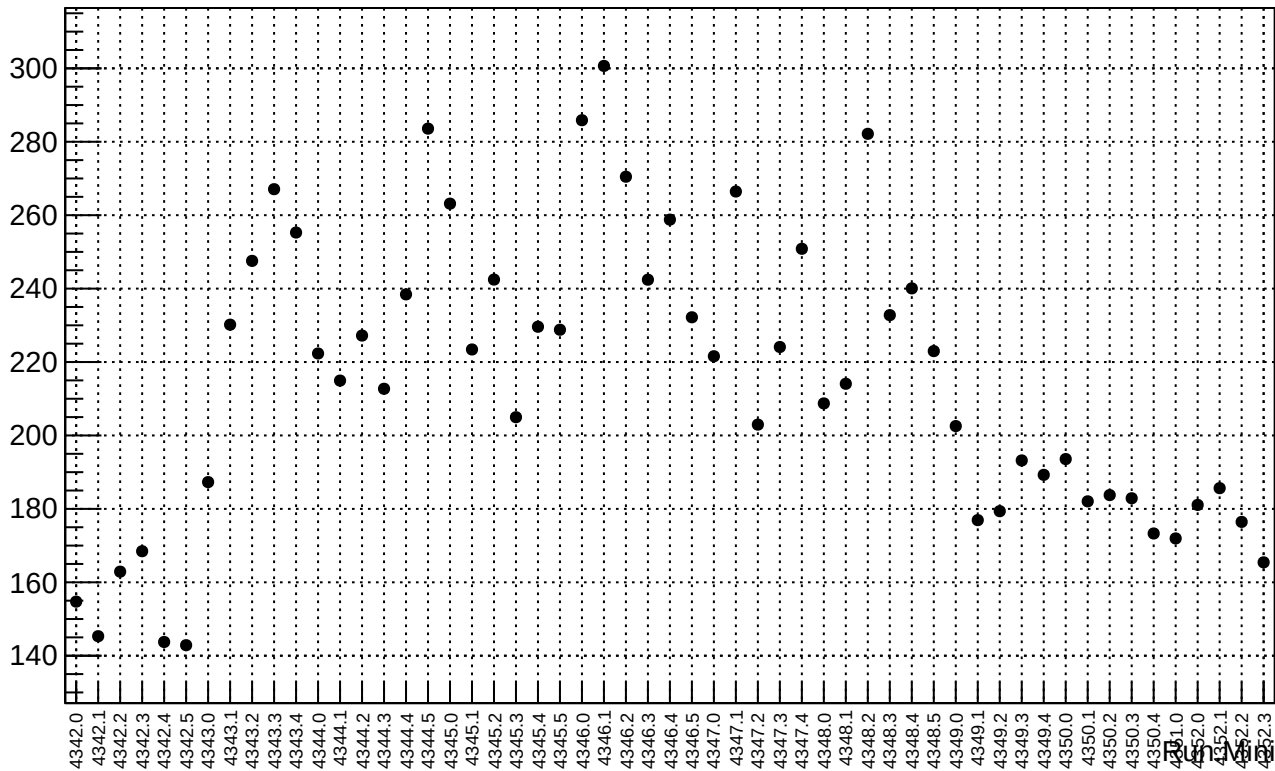
133.4 ± 279.6



reg_asym_bcm_an_ds.rms/ppm



reg_asym_bcm_an_ds.rms/ppm

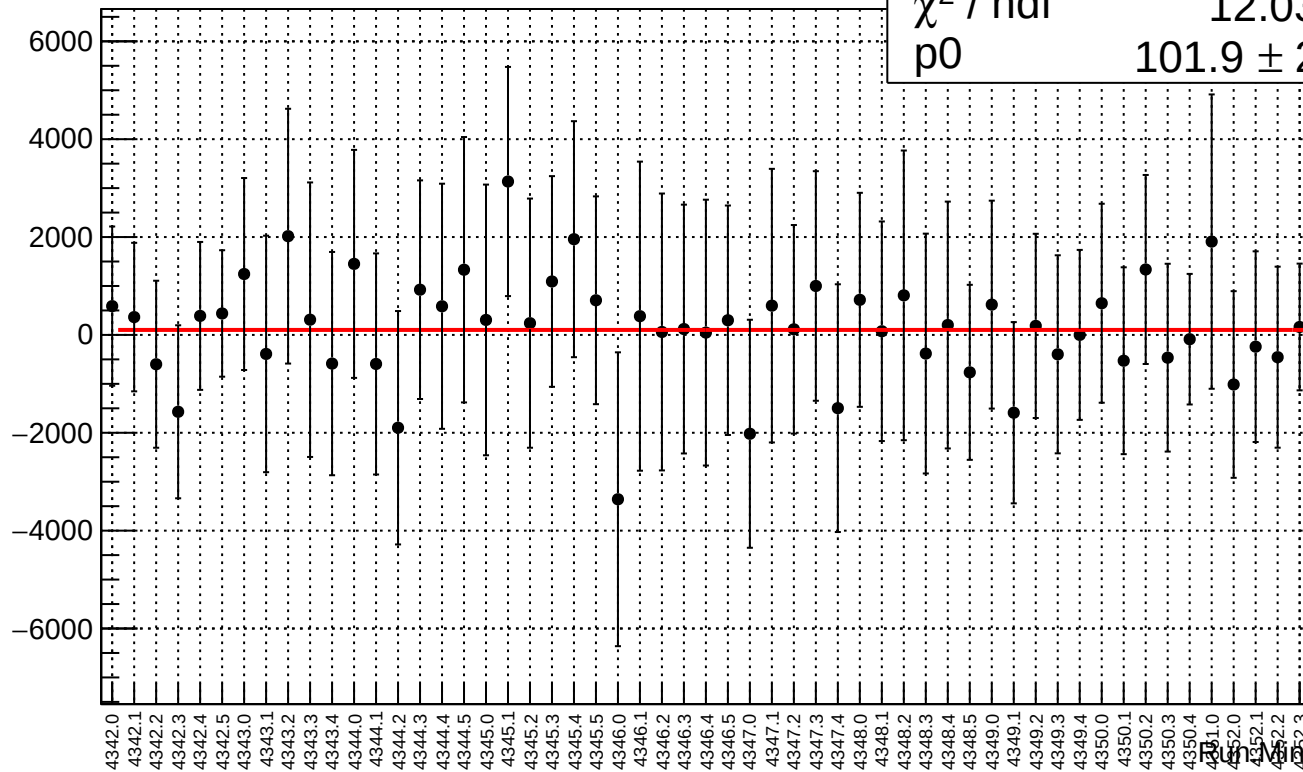


reg_asym_bcm_an_us.mean/ppb

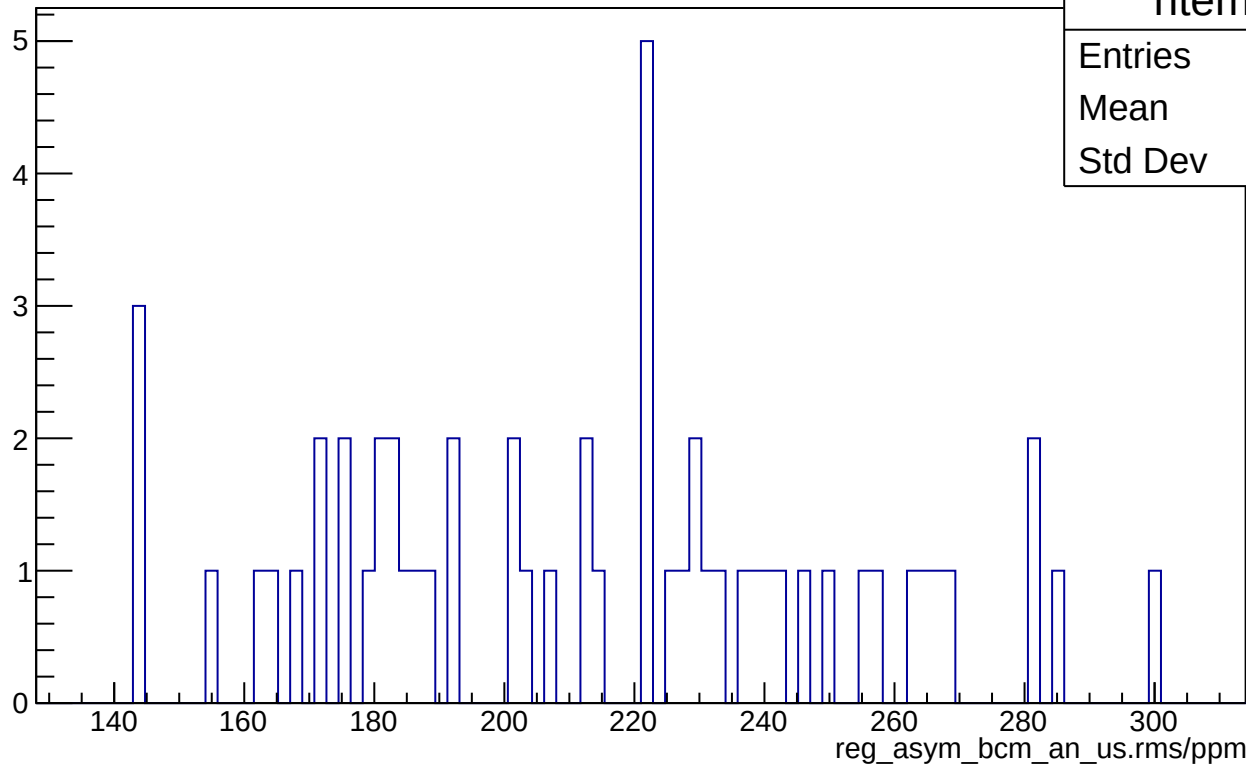
χ^2 / ndf
p0

12.03 / 54

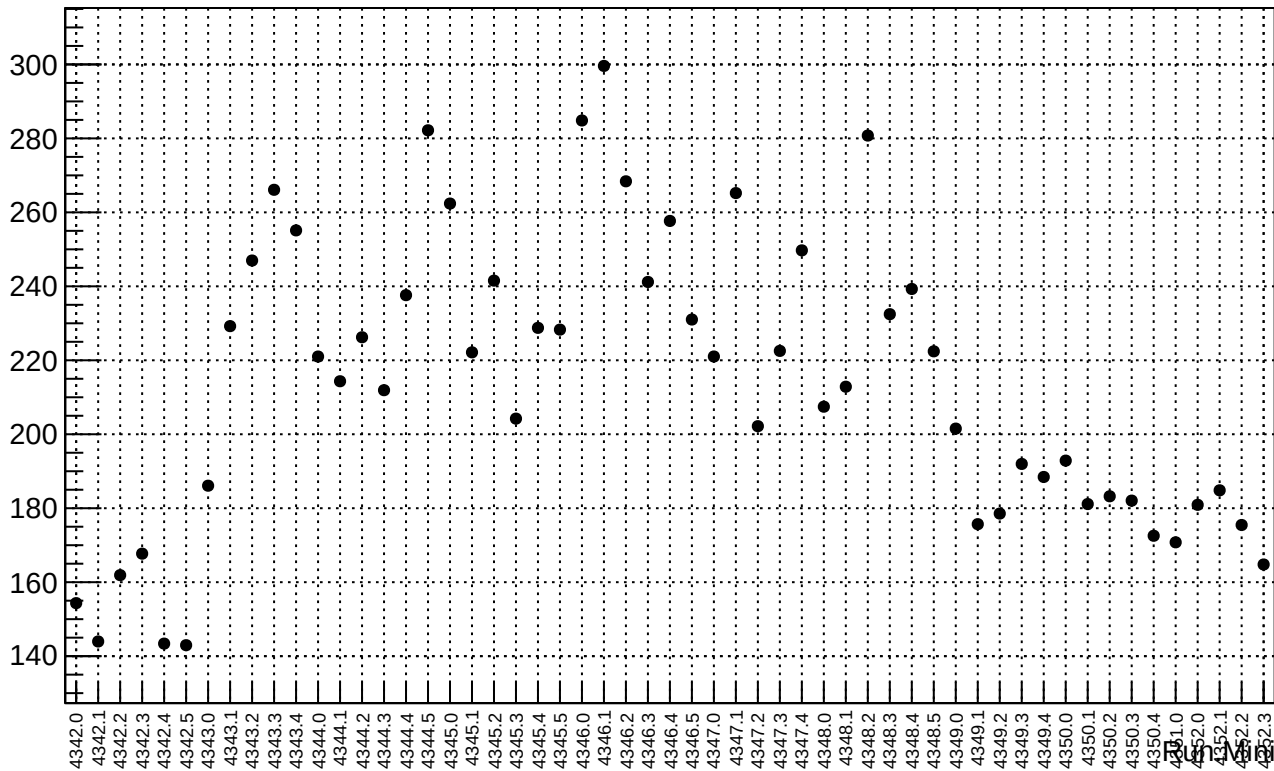
101.9 ± 278.4



reg_asym_bcm_an_us.rms/ppm



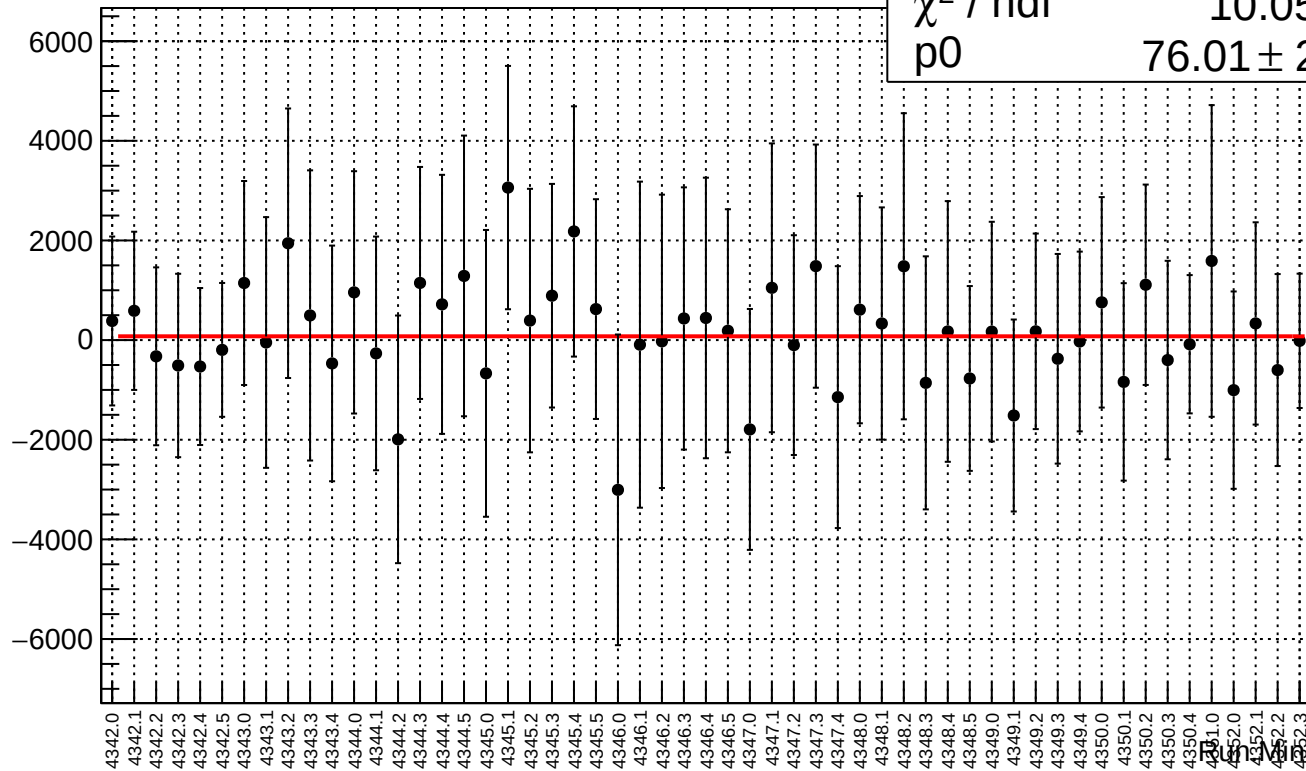
reg_asym_bcm_an_us.rms/ppm



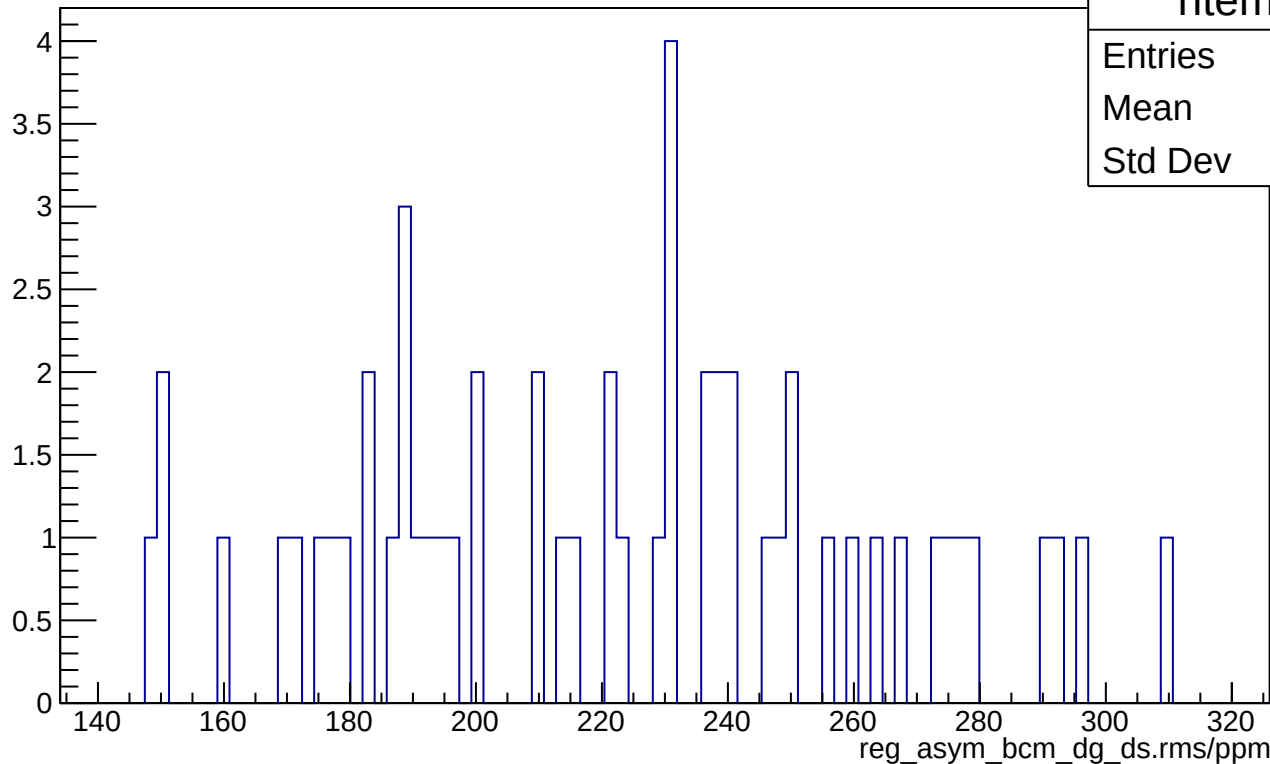
reg_asym_bcm_dg_ds.mean/ppb

χ^2 / ndf
p0

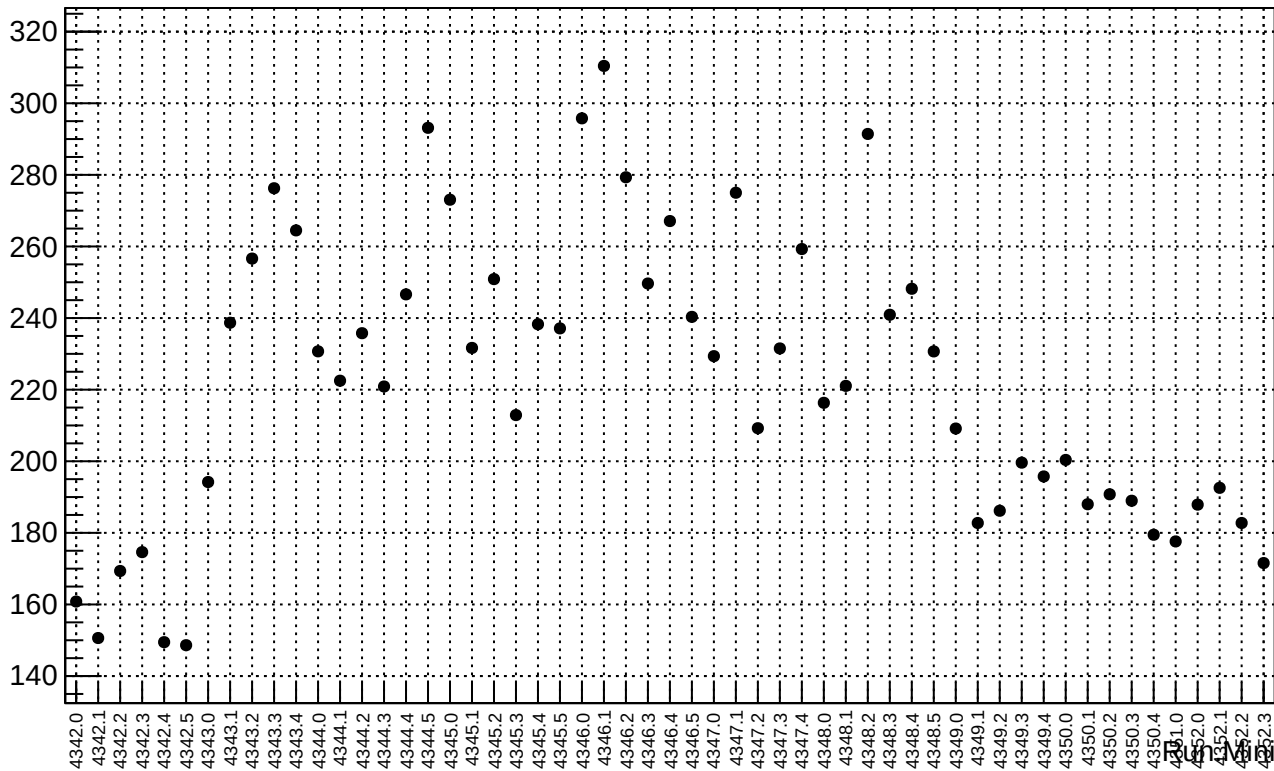
10.05 / 54
 76.01 ± 289.6



reg_asym_bcm_dg_ds.rms/ppm



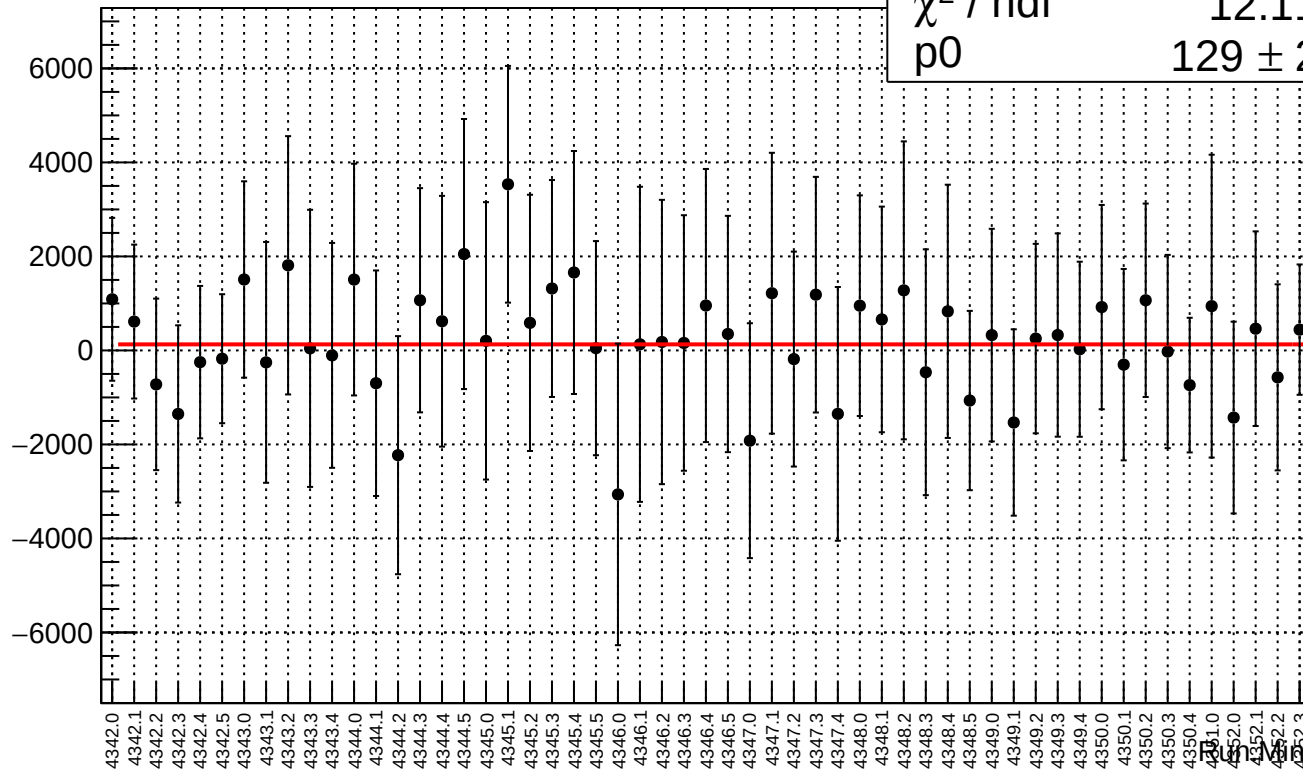
reg_asym_bcm_dg_ds.rms/ppm



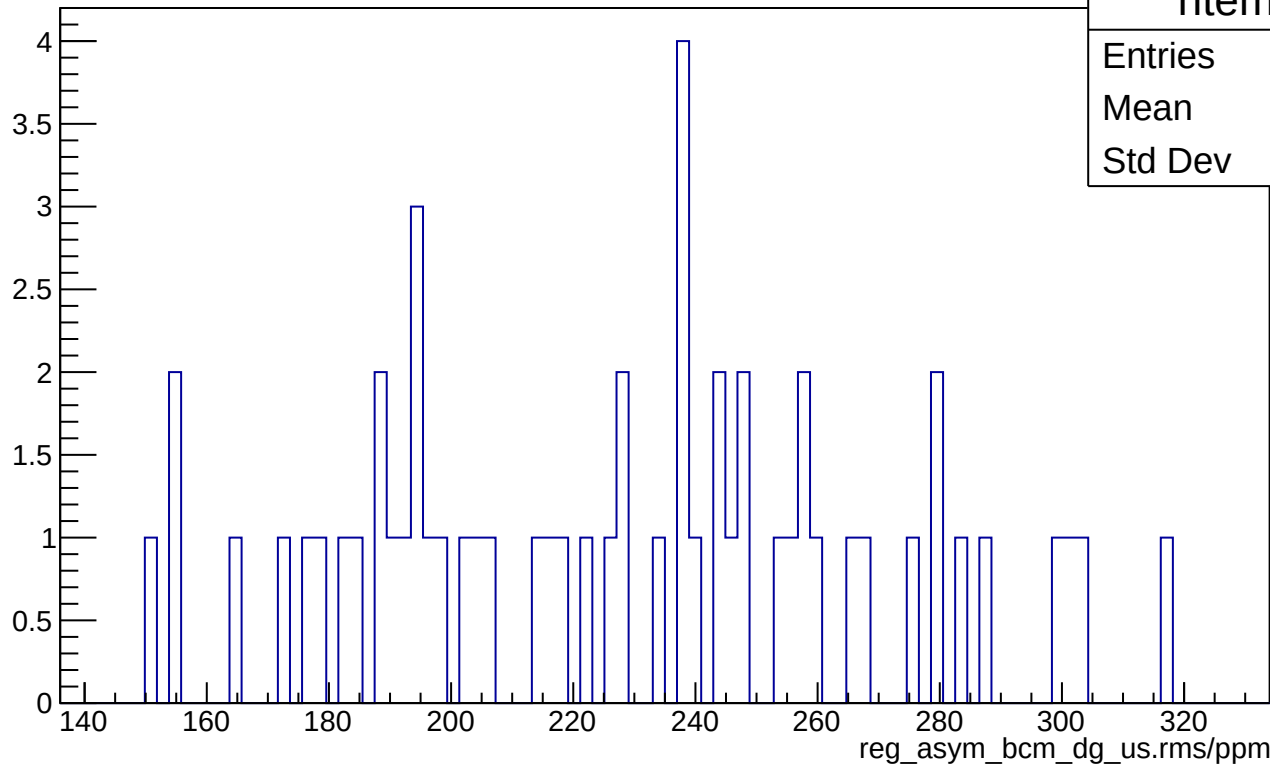
reg_asym_bcm_dg_us.mean/ppb

χ^2 / ndf
p0

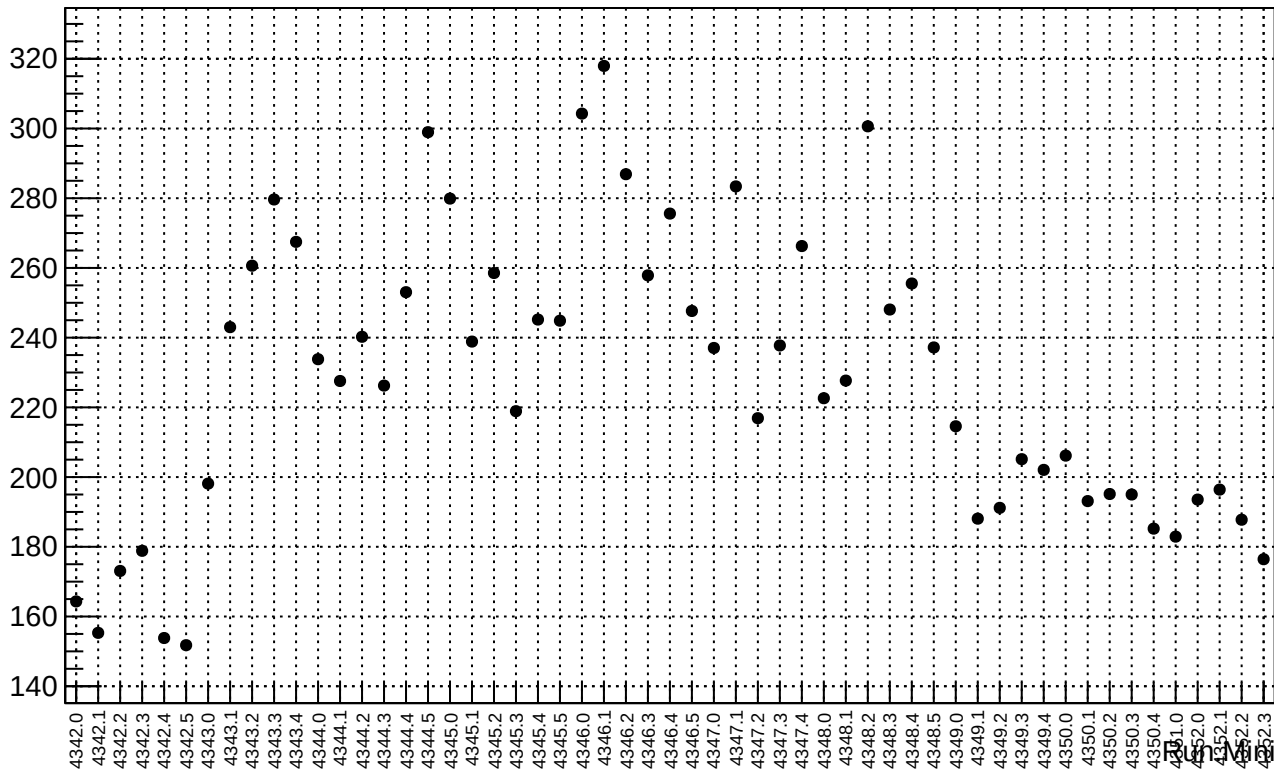
12.11 / 54
 129 ± 297.3



reg_asym_bcm_dg_us.rms/ppm



reg_asym_bcm_dg_us.rms/ppm

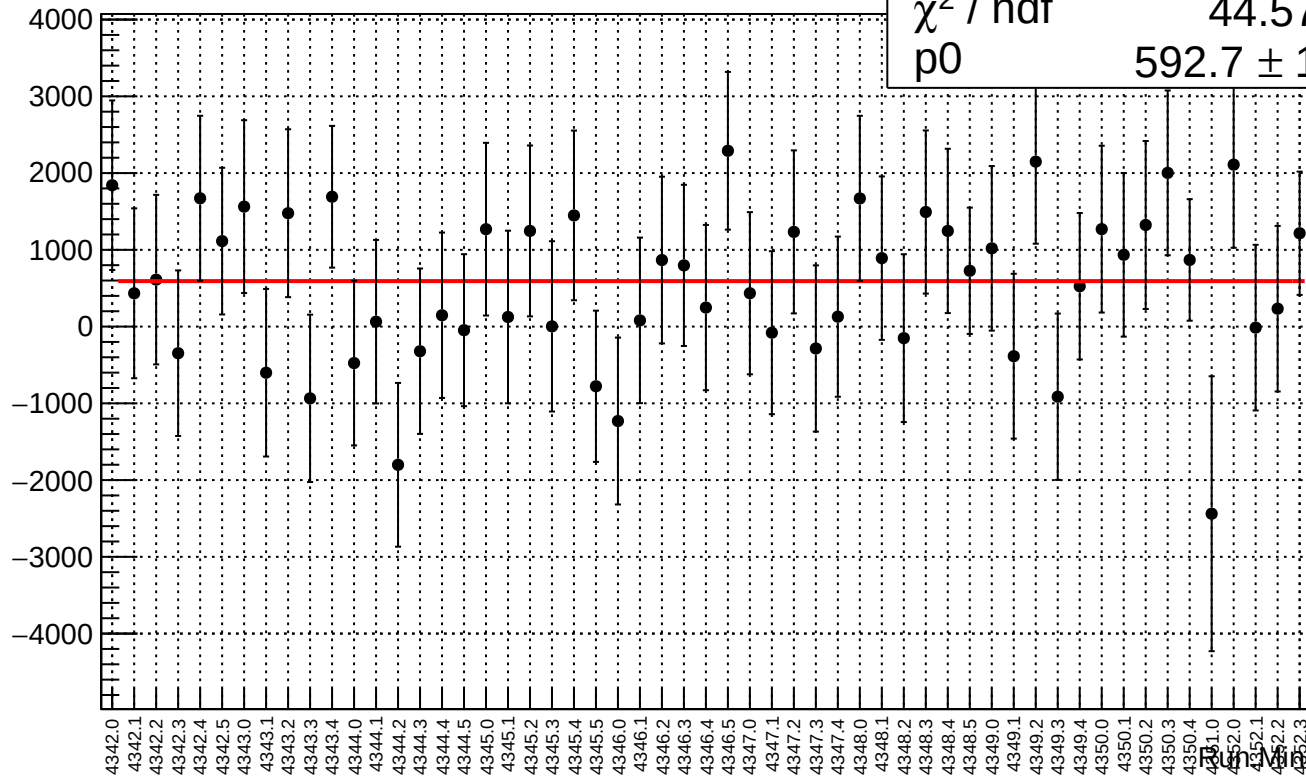


reg_asym_ds_avg.mean/ppb

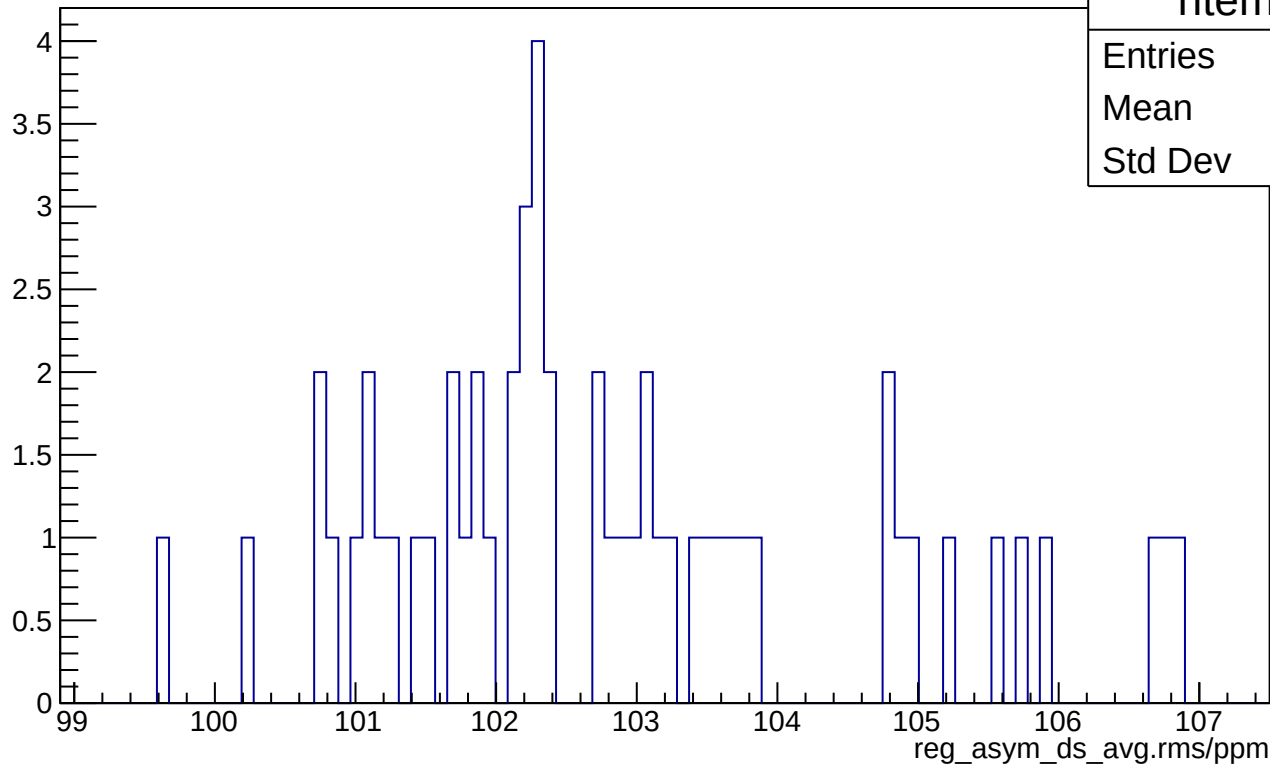
χ^2 / ndf
p0

44.57 / 54

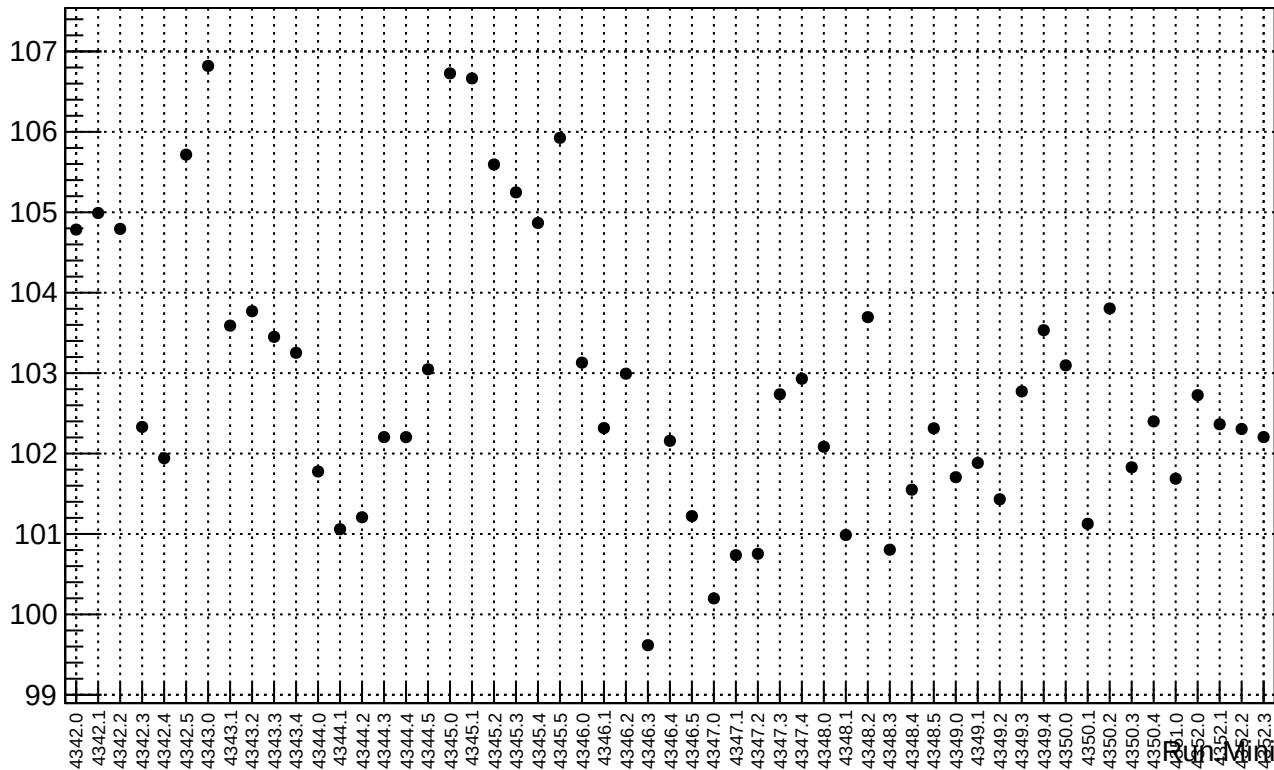
592.7 ± 141.8



reg_asym_ds_avg.rms/ppm



reg_asym_ds_avg.rms/ppm



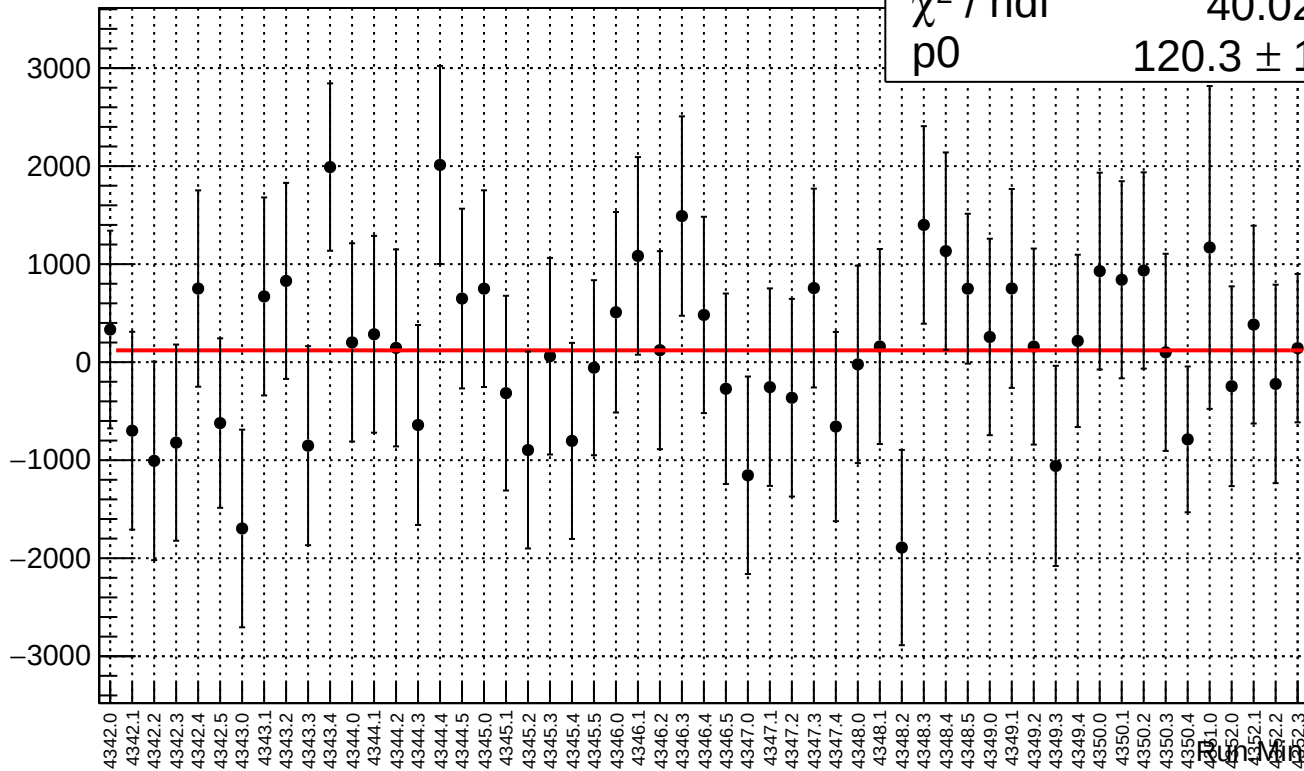
reg_asym_ds_dd.mean/ppb

χ^2 / ndf

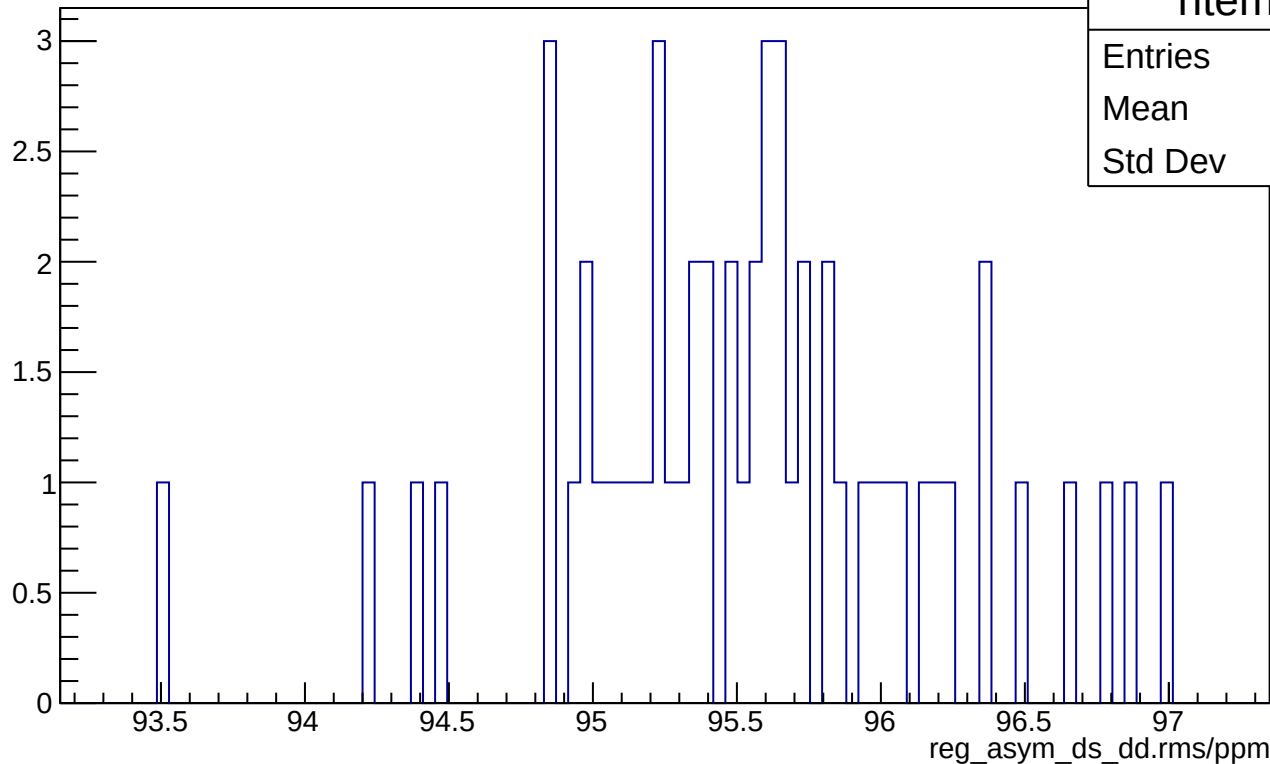
40.02 / 54

p0

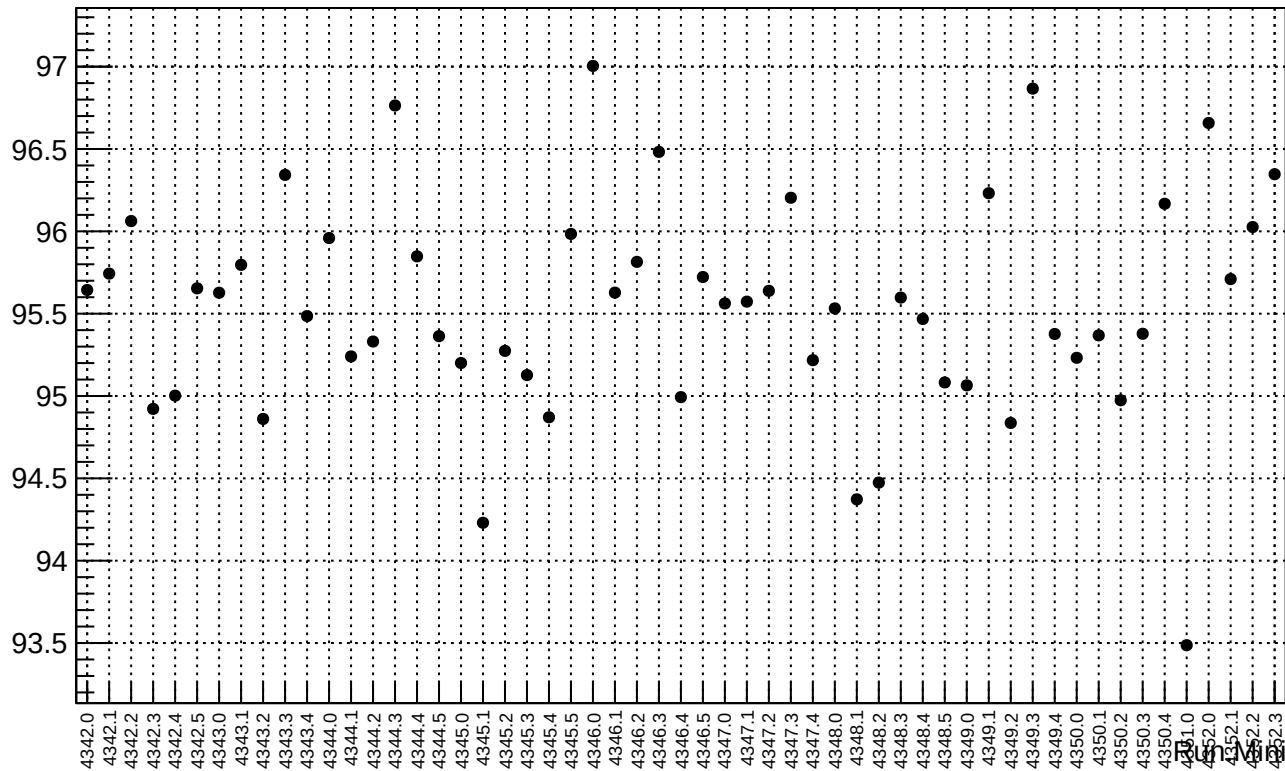
120.3 ± 131.8



reg_asym_ds_dd.rms/ppm



reg_asym_ds_dd.rms/ppm



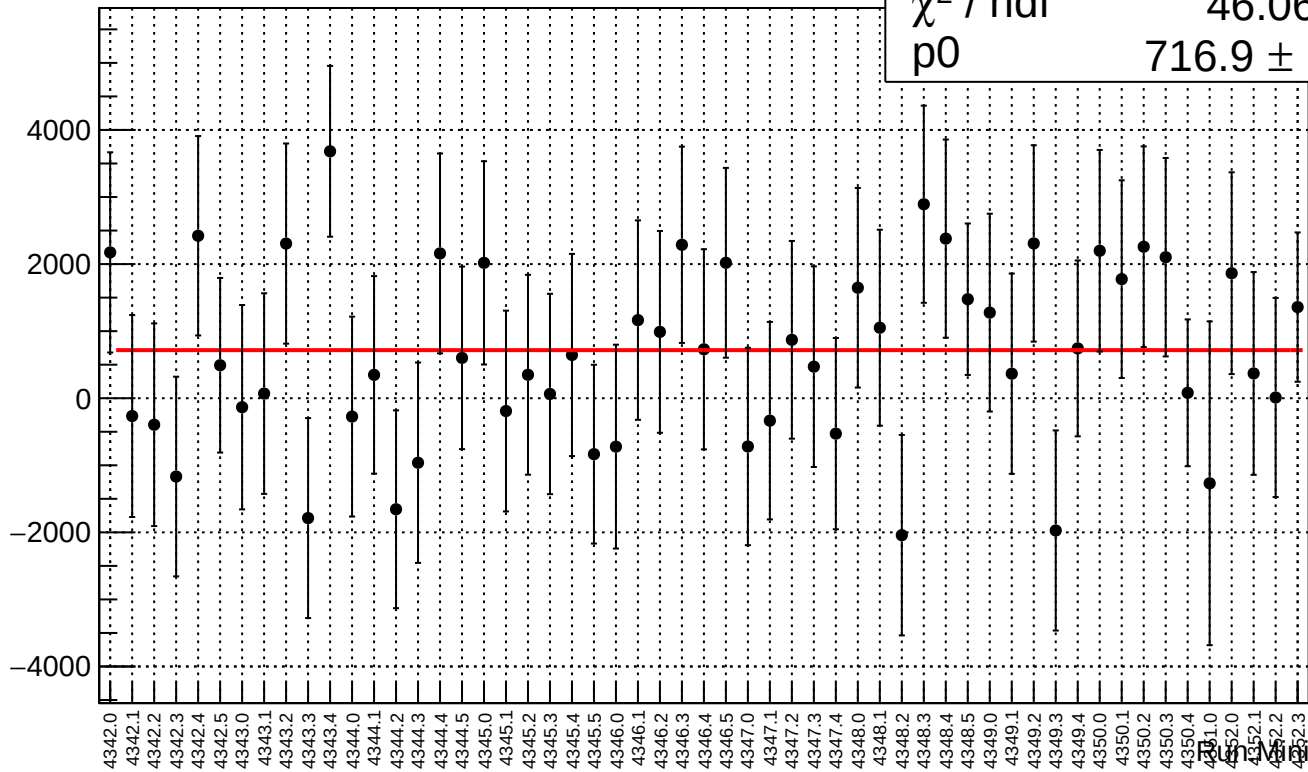
reg_asym_dsl.mean/ppb

χ^2 / ndf

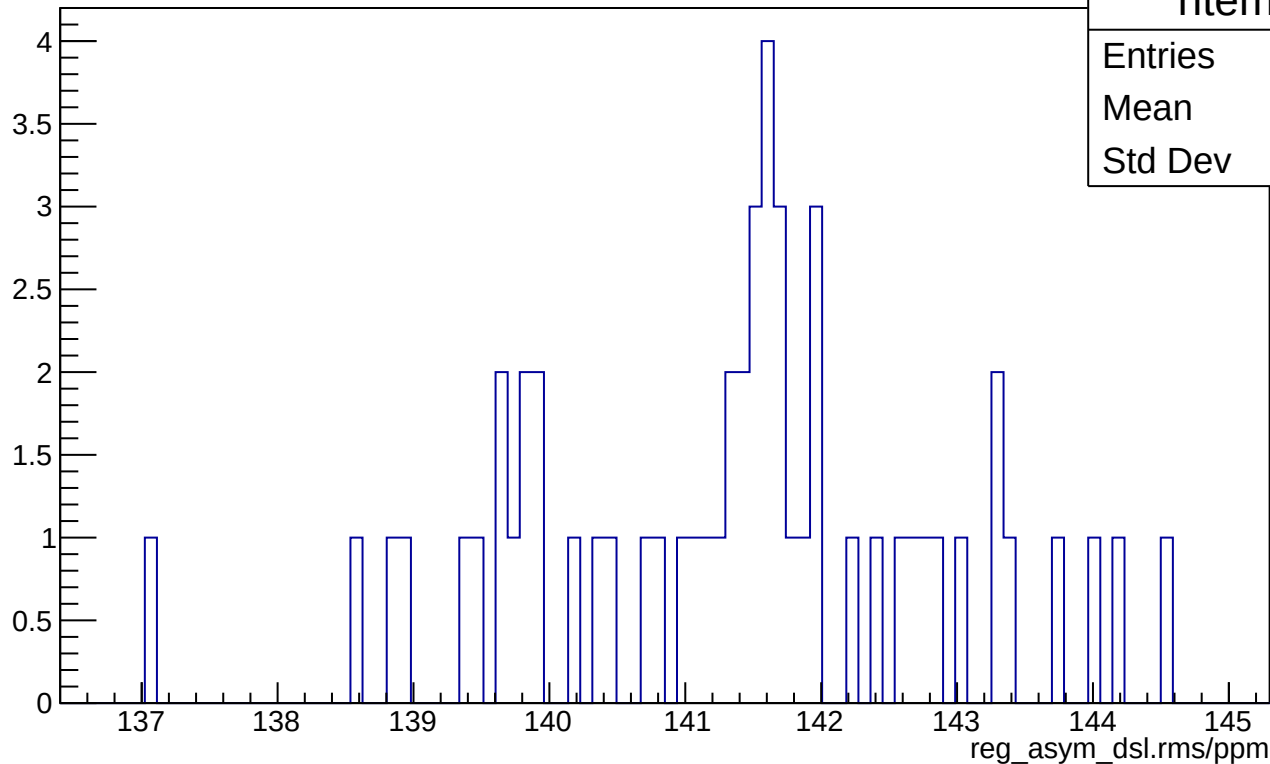
46.06 / 54

p0

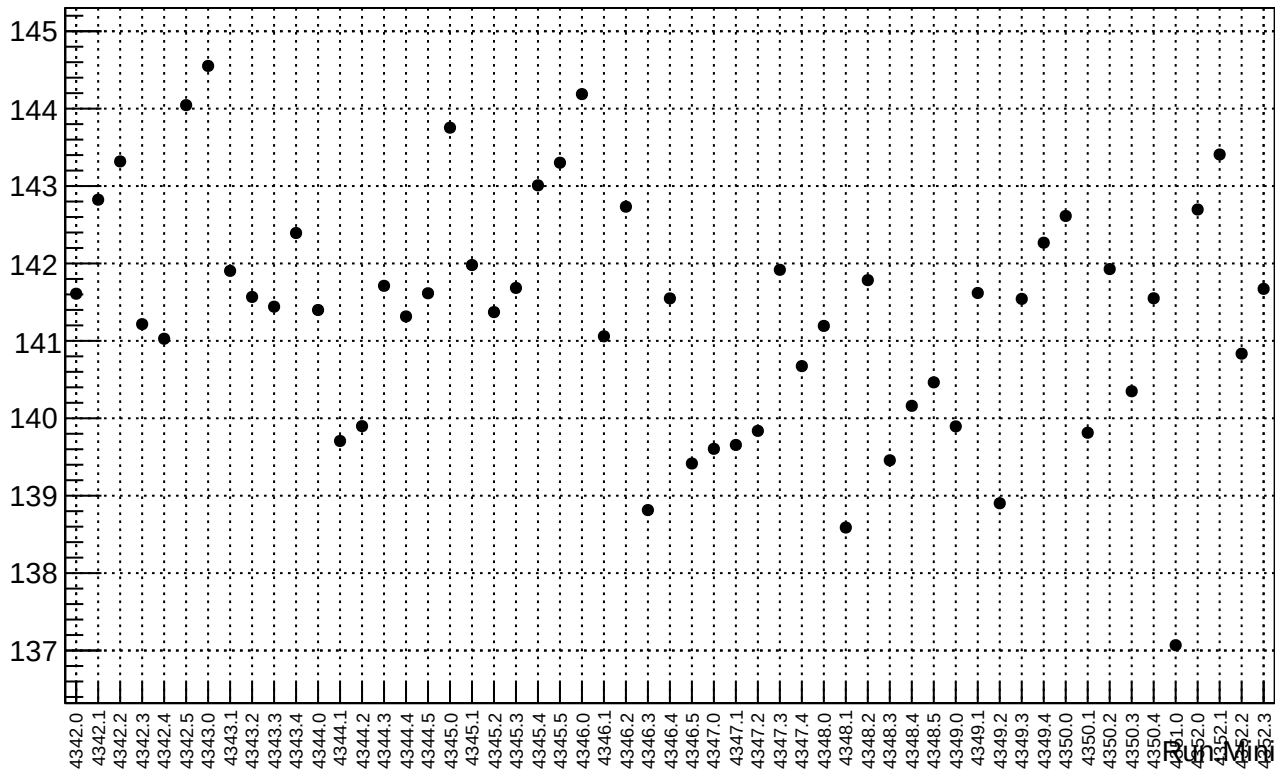
716.9 ± 195



reg_asym_dsl.rms/ppm



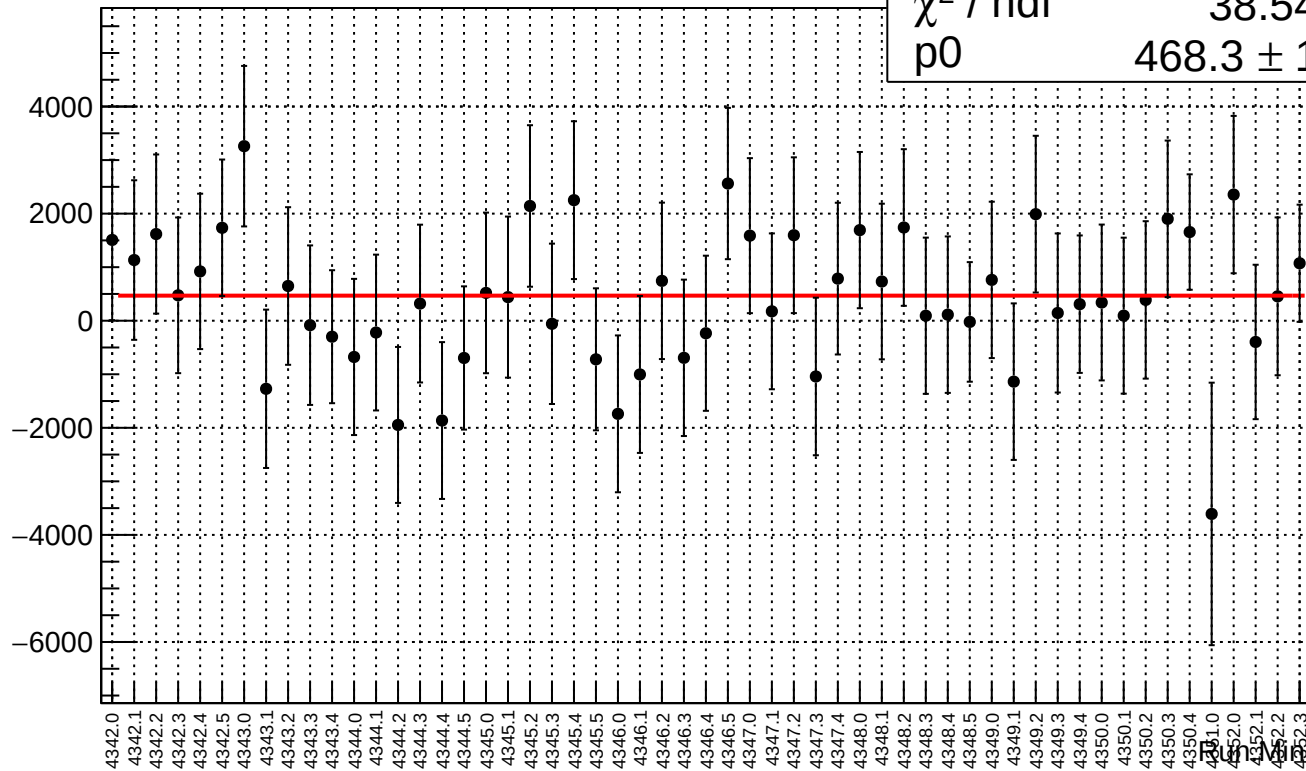
reg_asym_dsl.rms/ppm



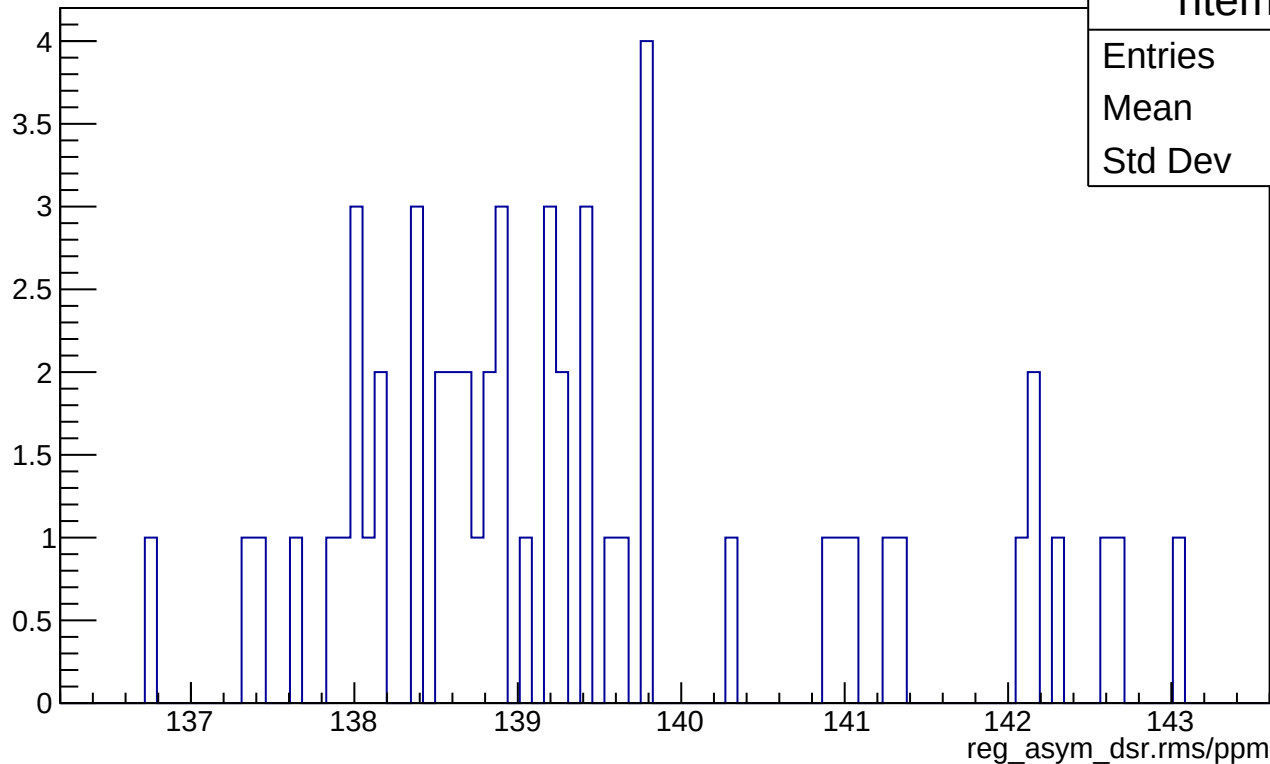
reg_asym_dsr.mean/ppb

χ^2 / ndf
p0

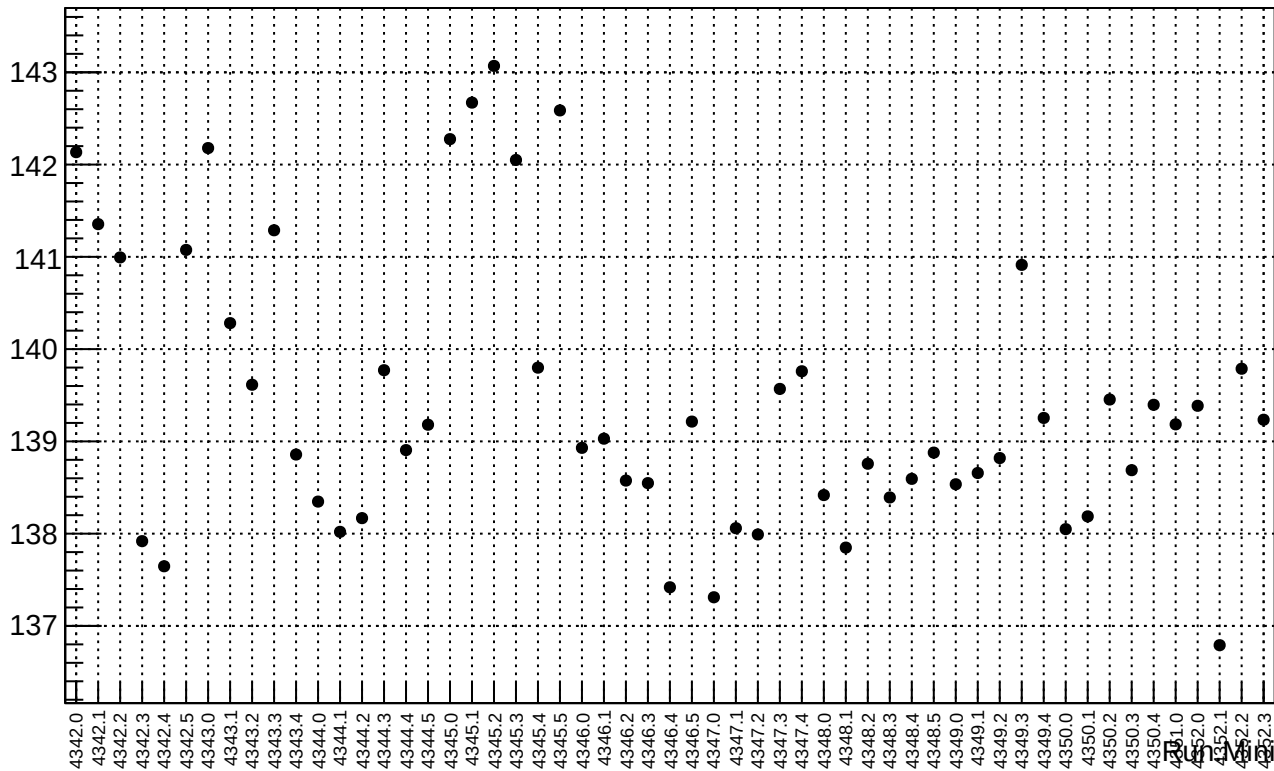
38.54 / 54
 468.3 ± 192.2



reg_asym_dsr.rms/ppm



reg_asym_dsr.rms/ppm



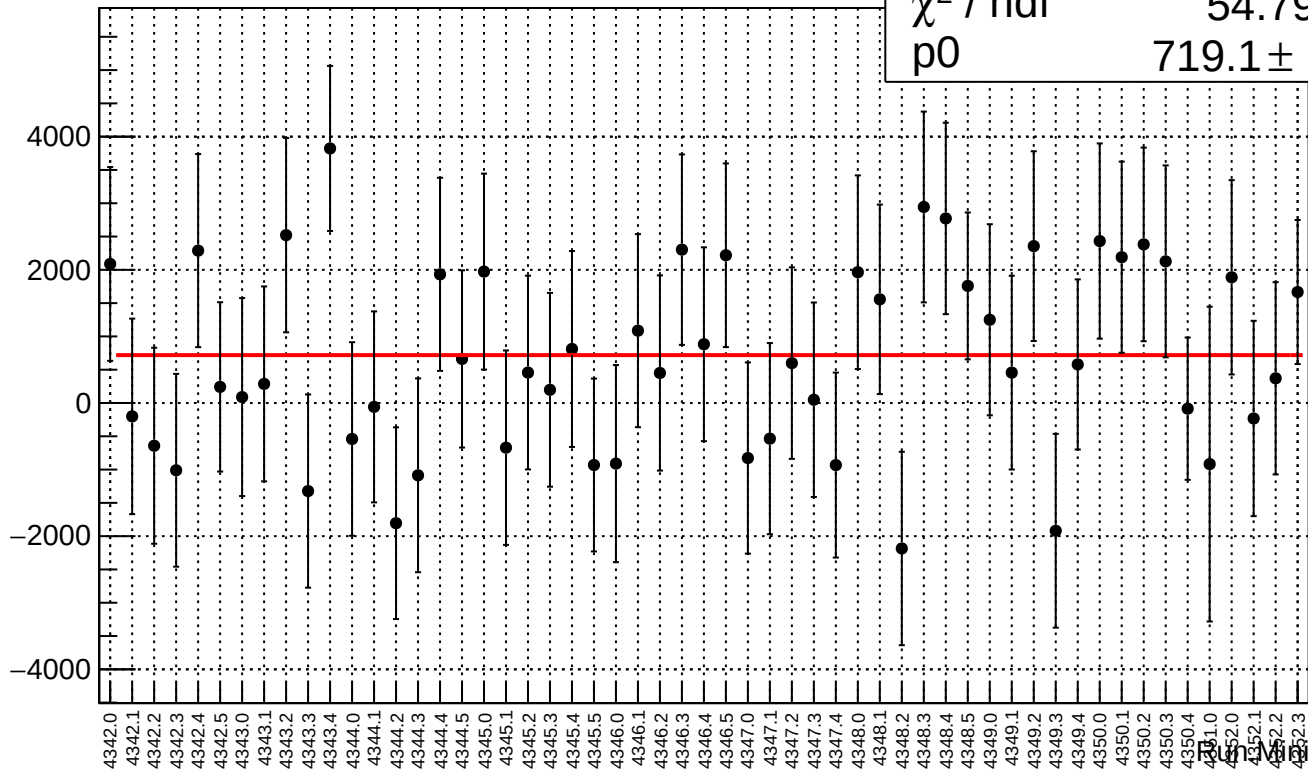
reg_asym_left_avg.mean/ppb

χ^2 / ndf

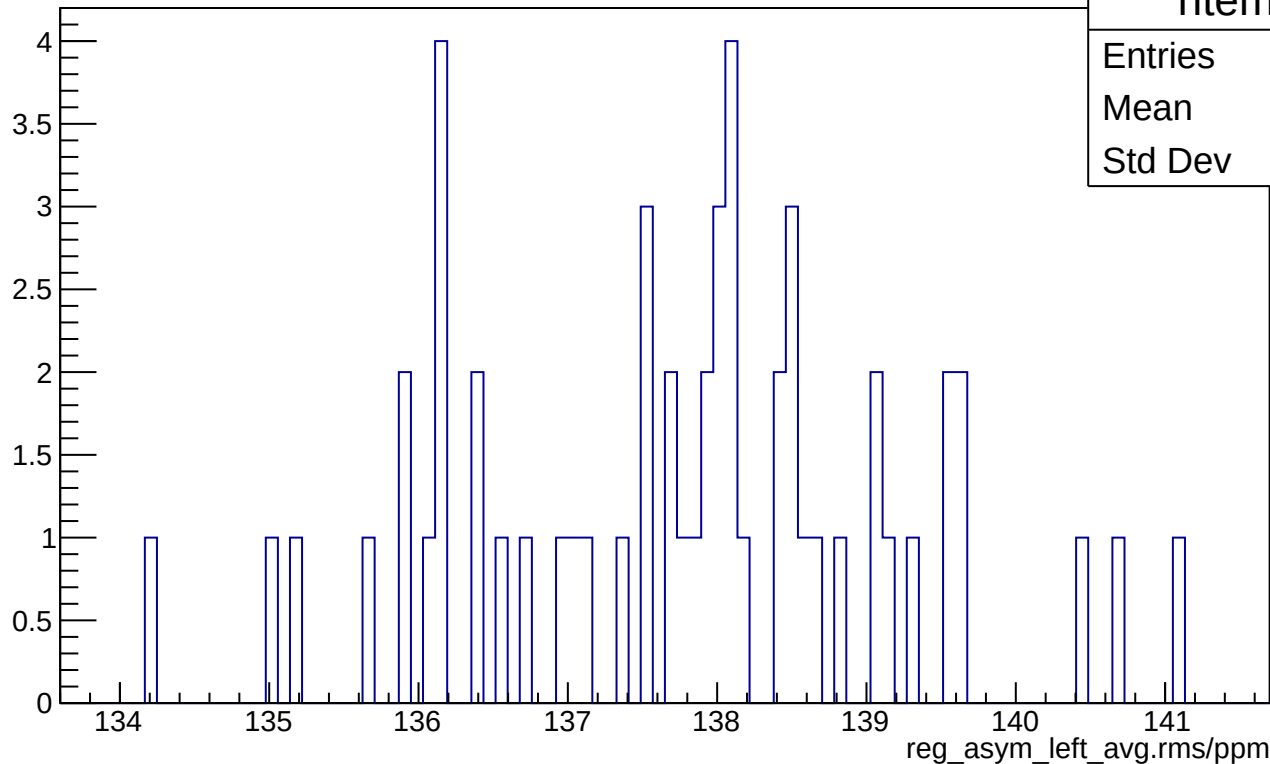
54.79 / 54

p0

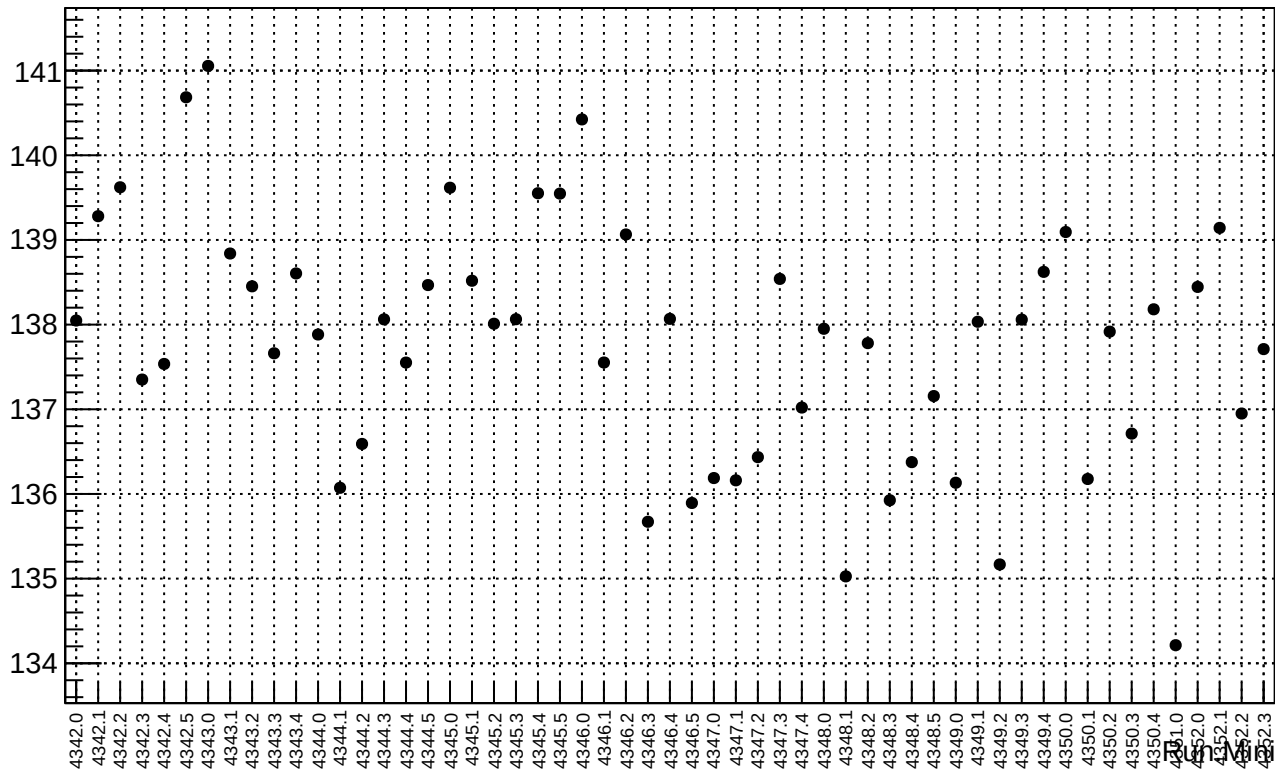
719.1 ± 190



reg_asym_left_avg.rms/ppm



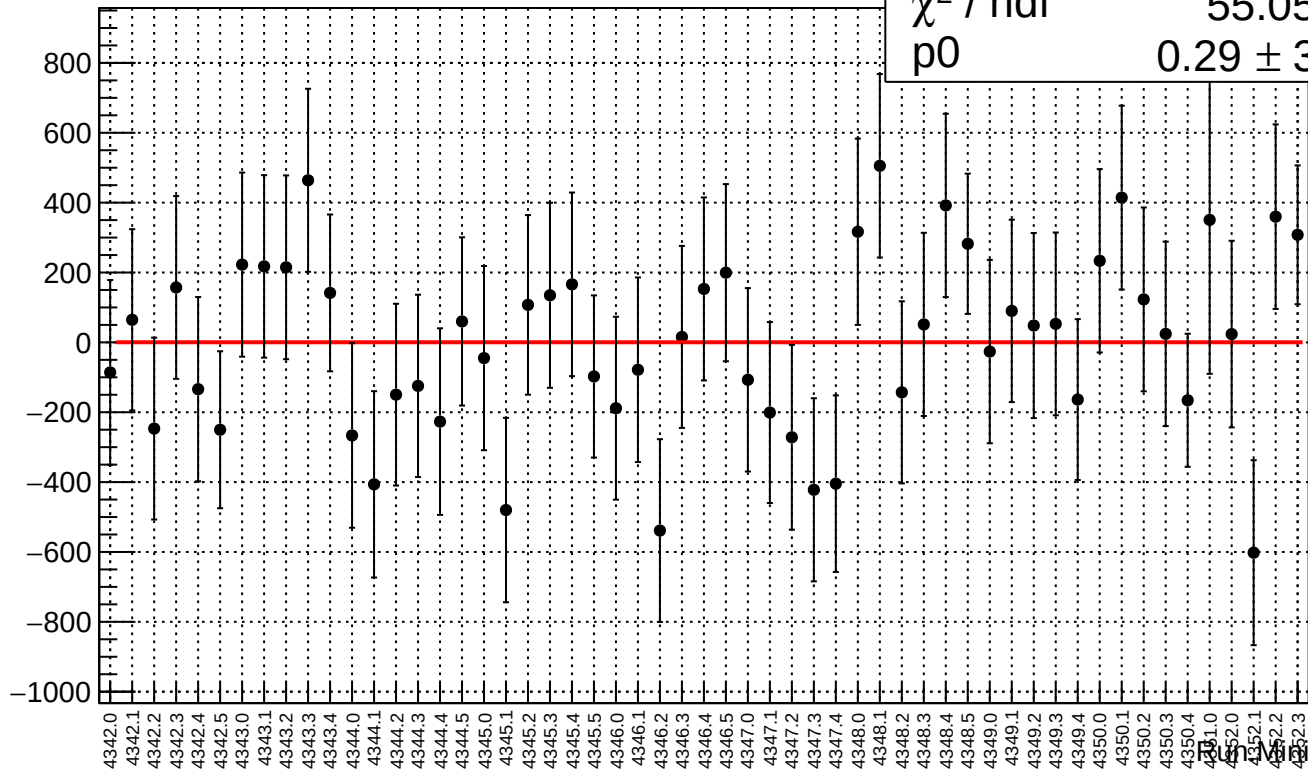
reg_asym_left_avg.rms/ppm



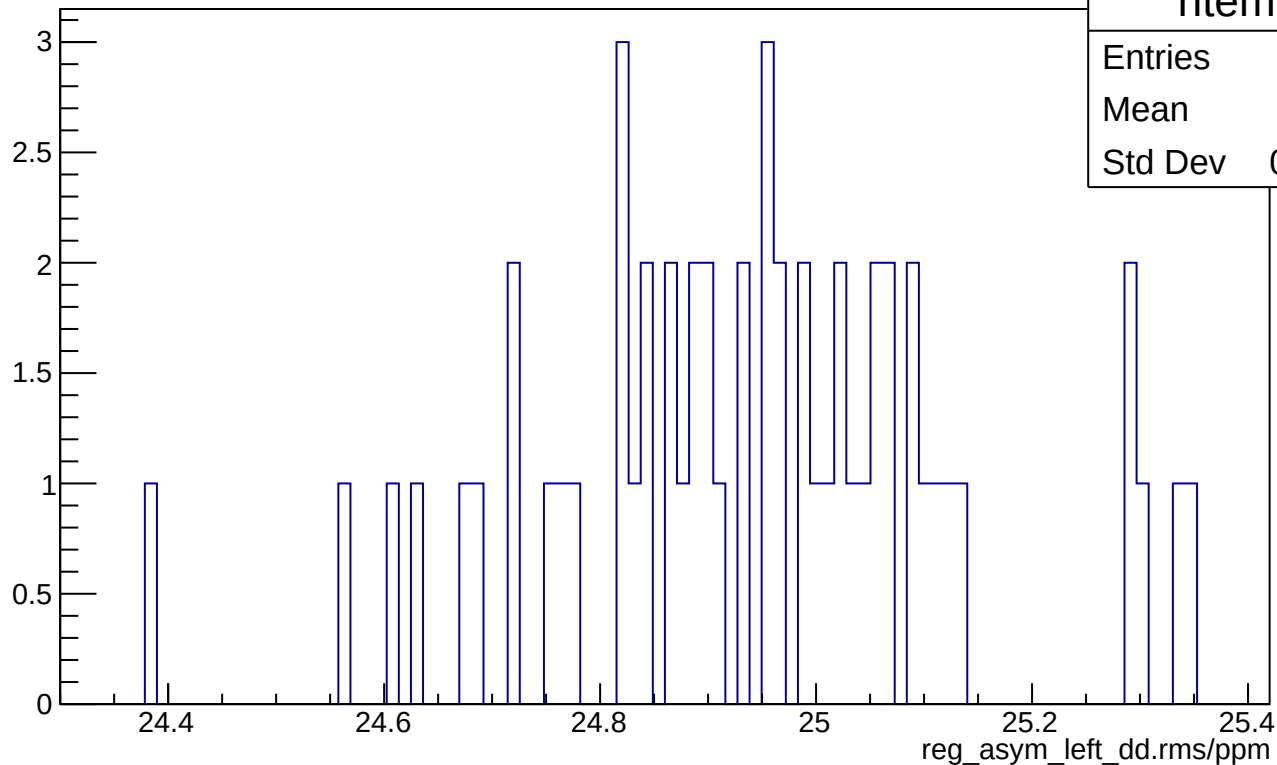
reg_asym_left_dd.mean/ppb

χ^2 / ndf
p0

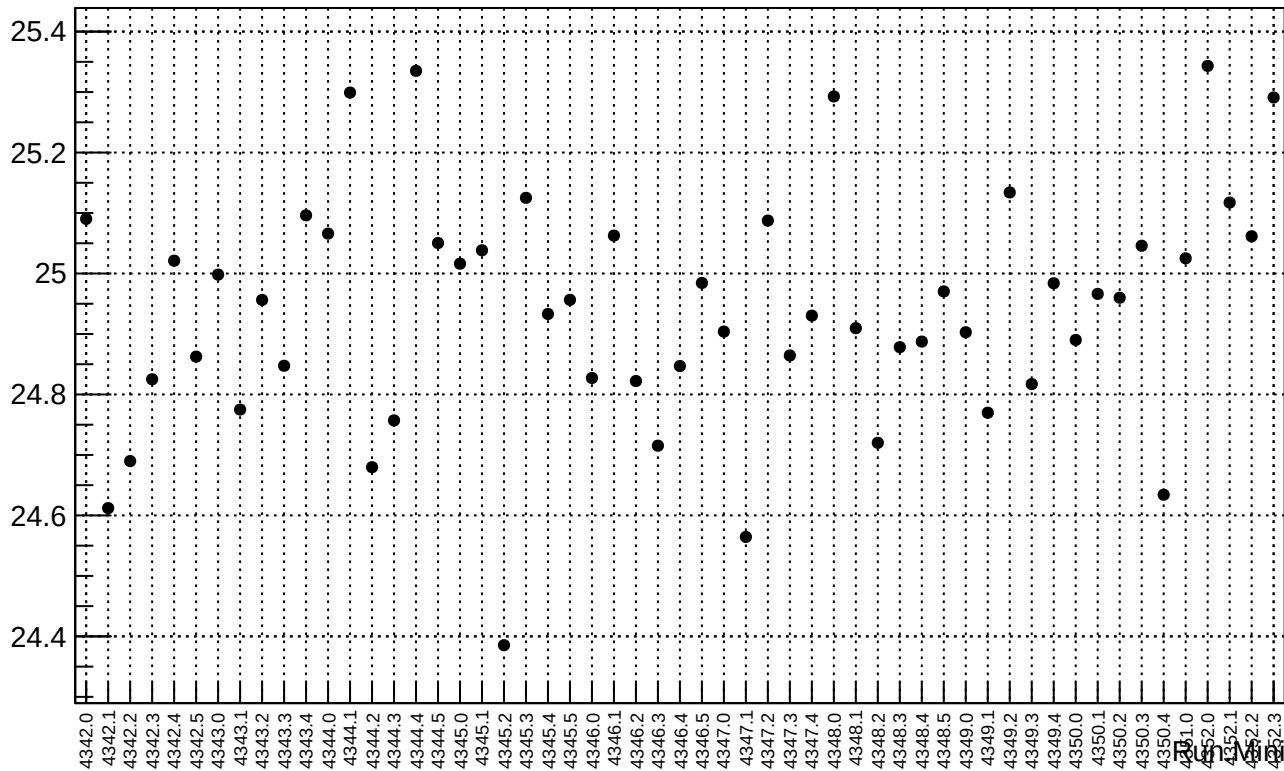
55.05 / 54
 0.29 ± 34.39



reg_asym_left_dd.rms/ppm



reg_asym_left_dd.rms/ppm

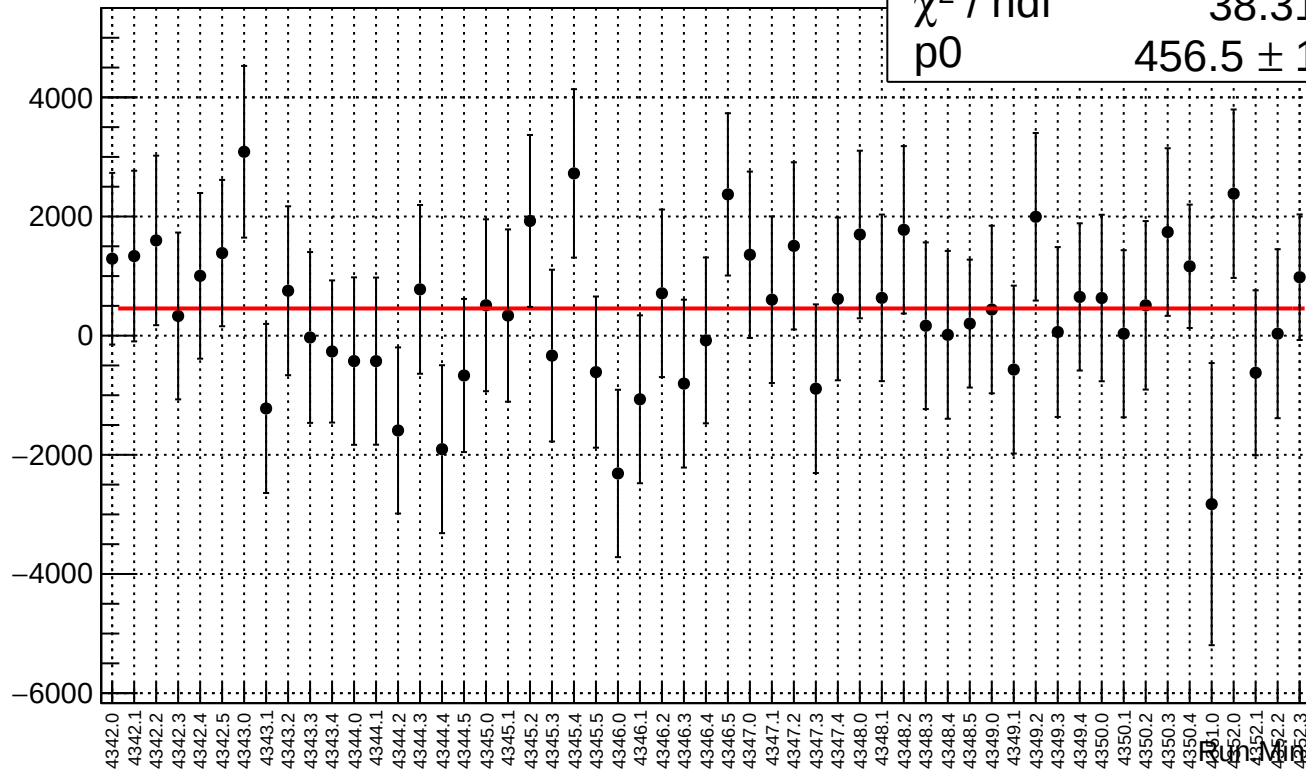


reg_asym_right_avg.mean/ppb

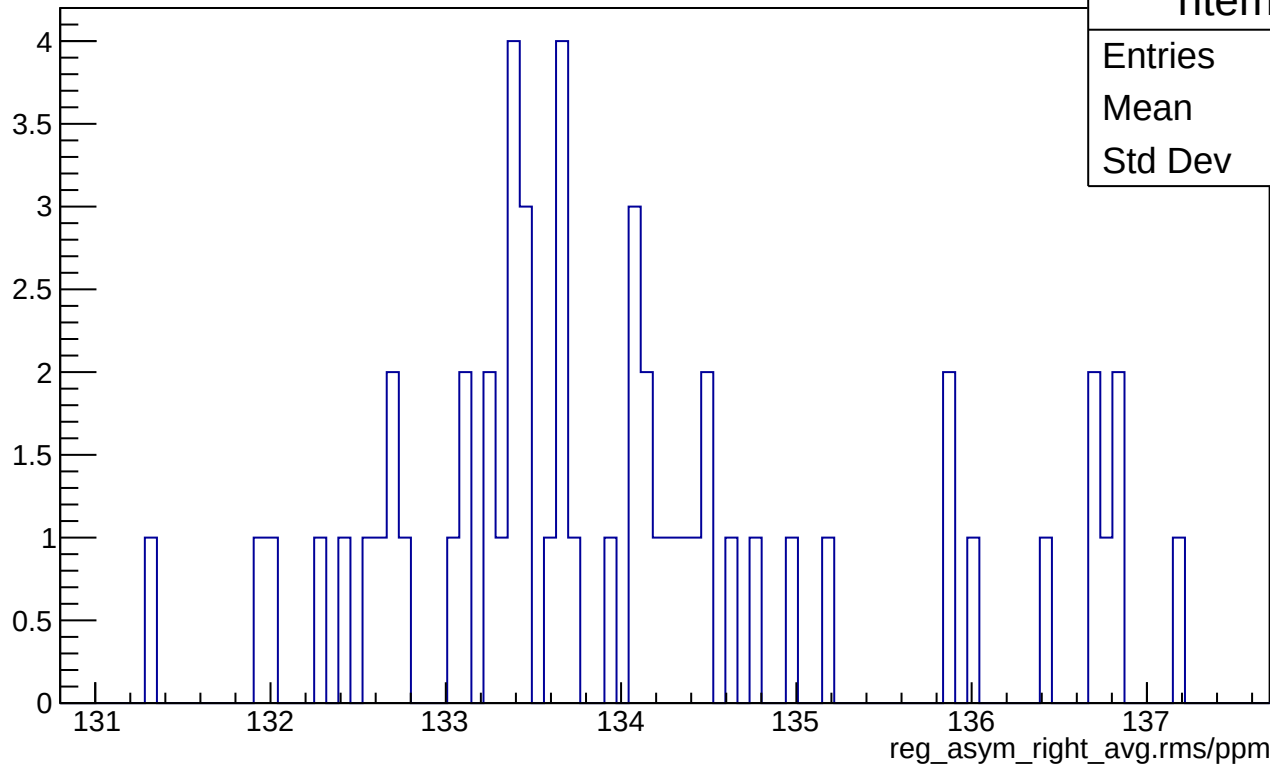
χ^2 / ndf
p0

38.31 / 54

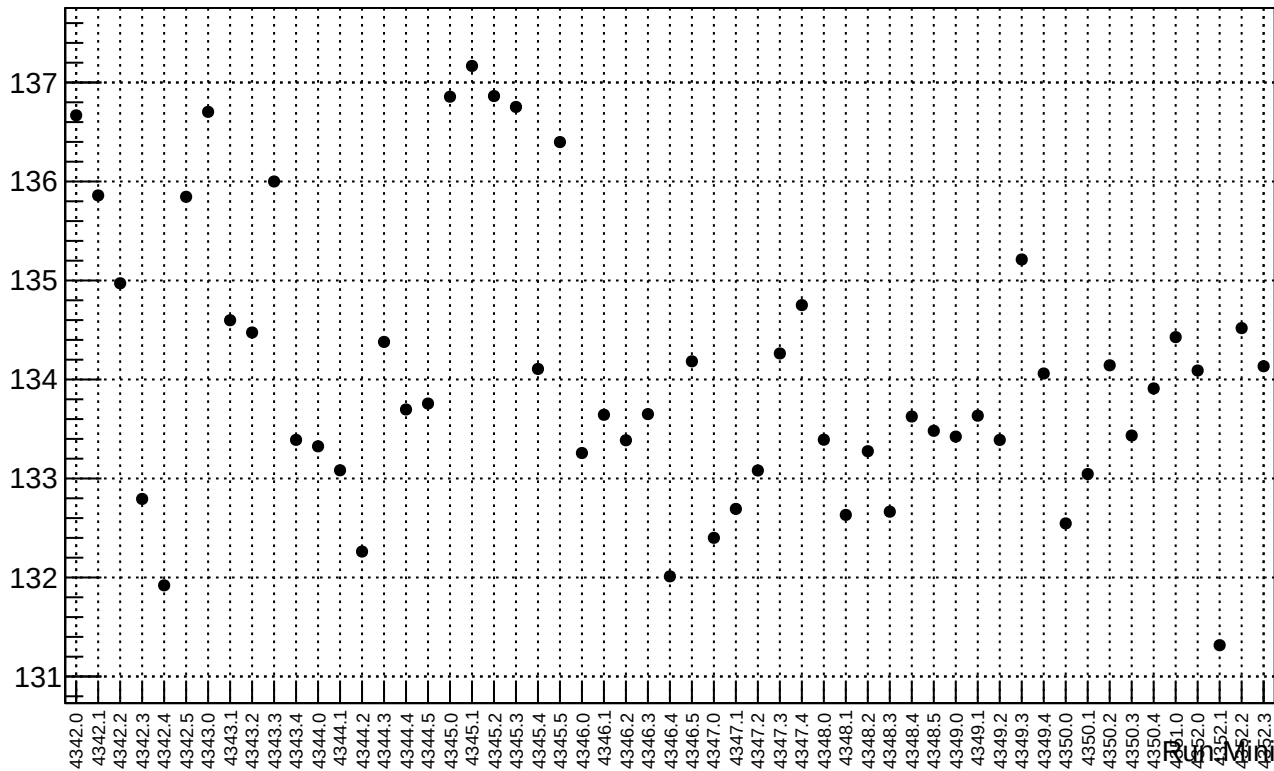
456.5 ± 184.8



reg_asym_right_avg.rms/ppm



reg_asym_right_avg.rms/ppm



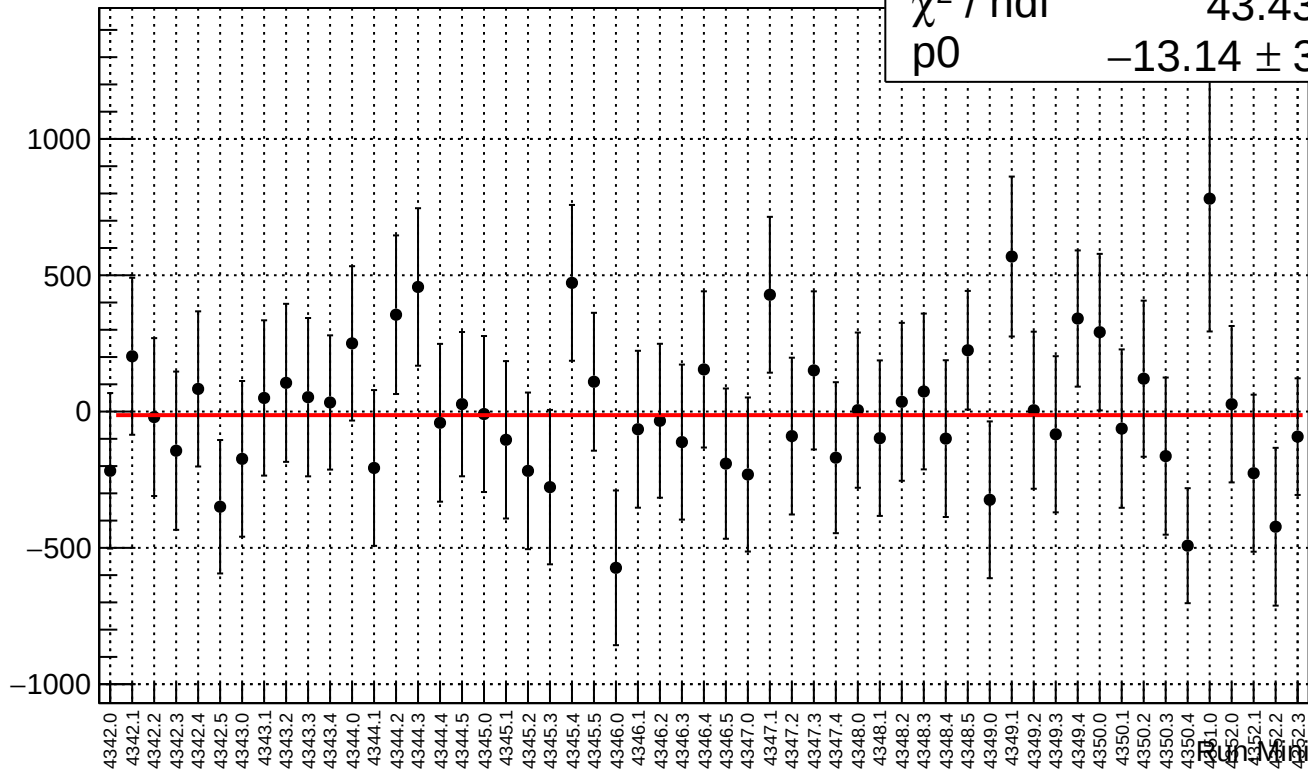
reg_asym_right_dd.mean/ppb

χ^2 / ndf

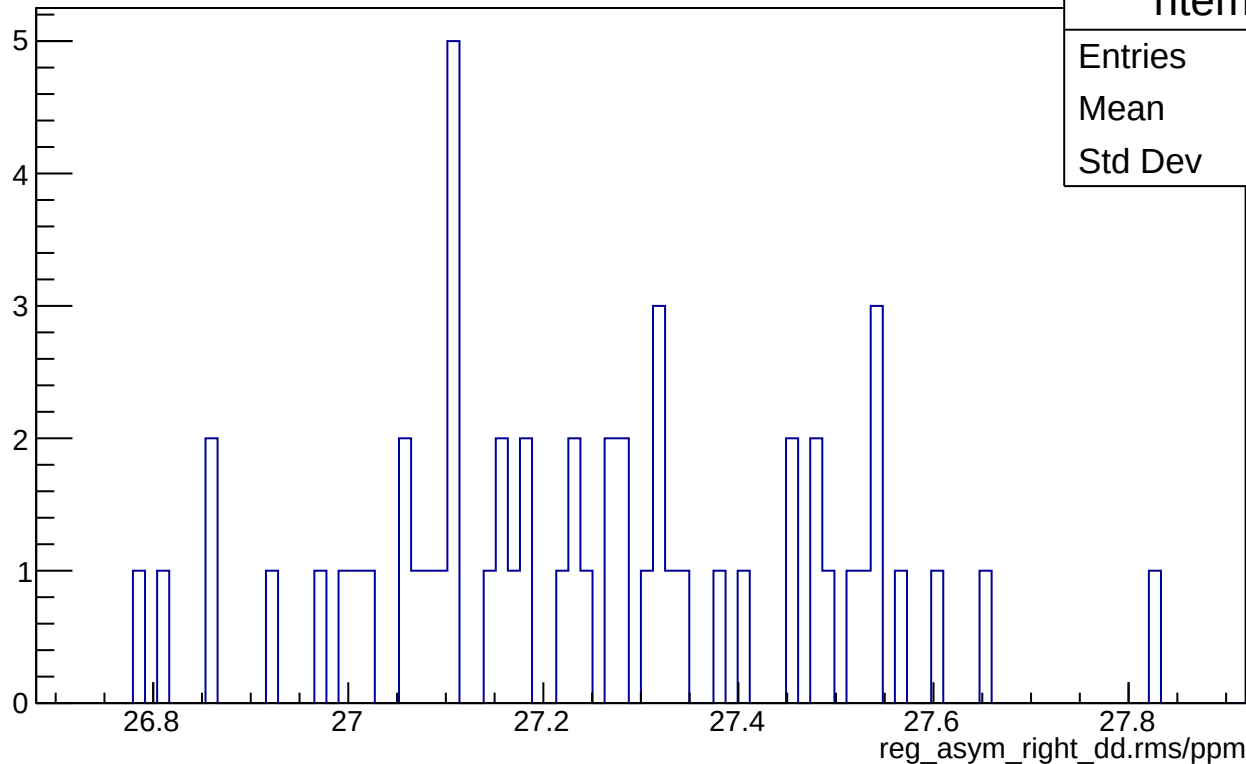
43.43 / 54

p0

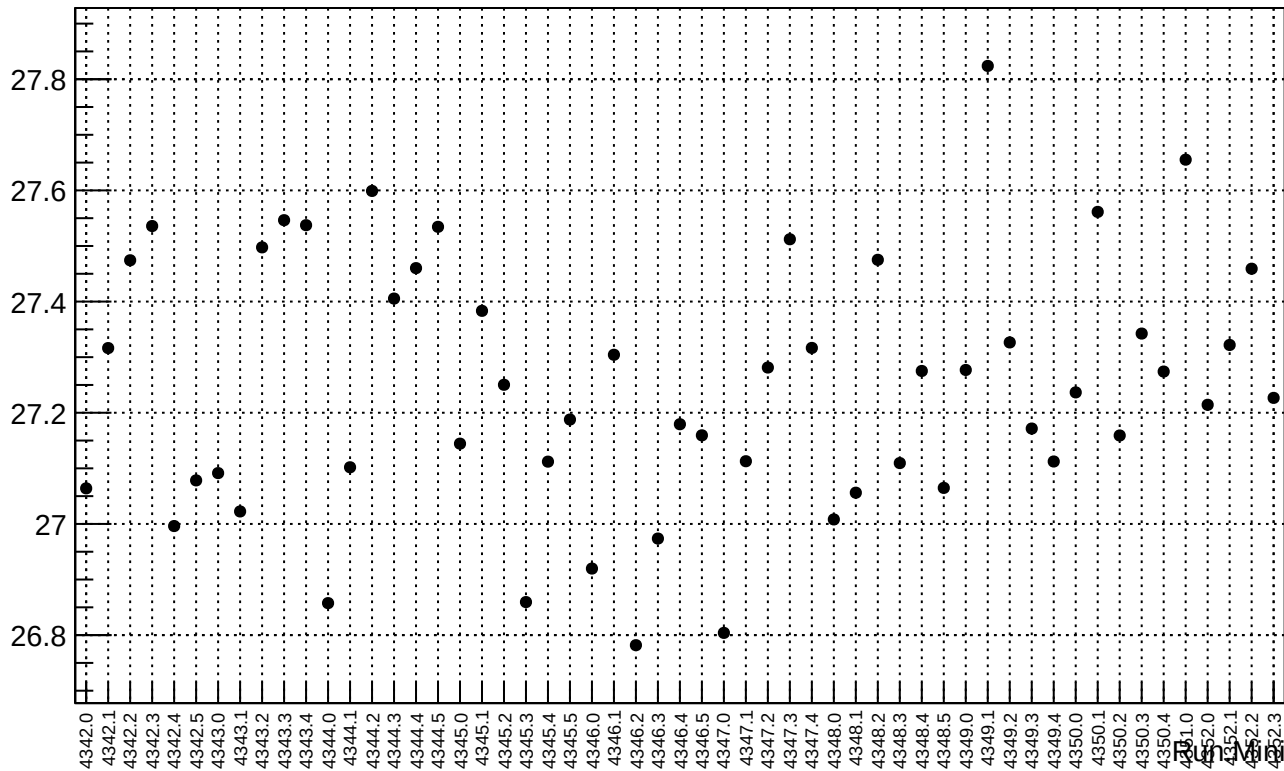
-13.14 ± 37.56



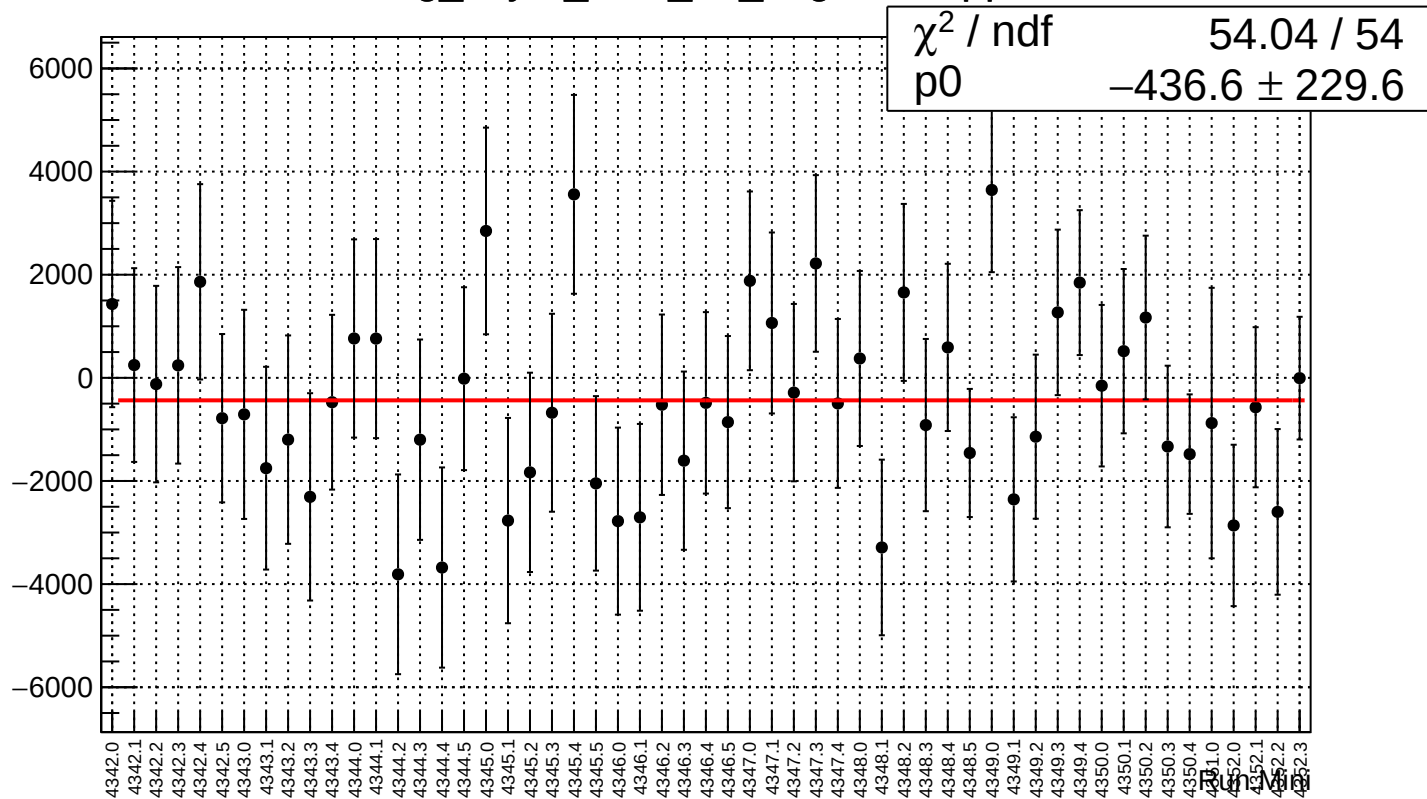
reg_asym_right_dd.rms/ppm



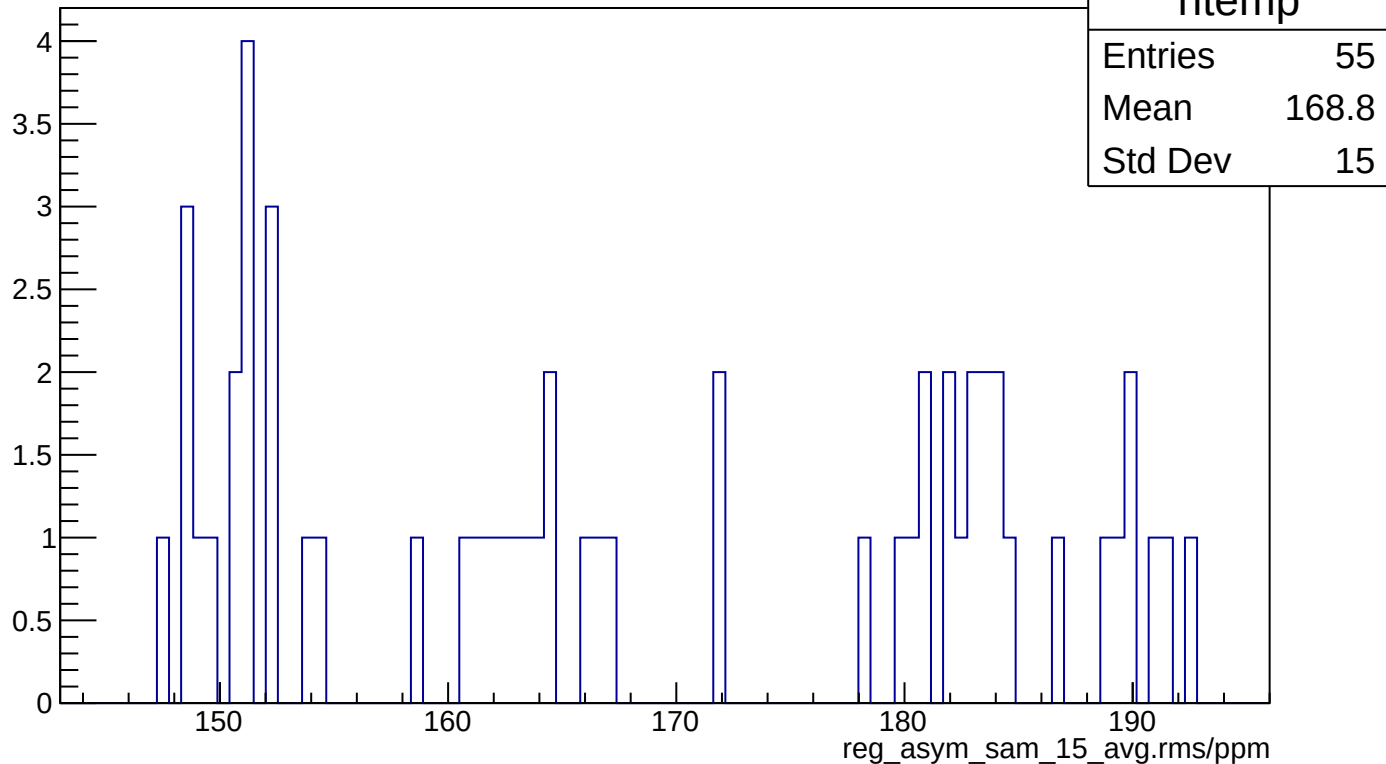
reg_asym_right_dd.rms/ppm



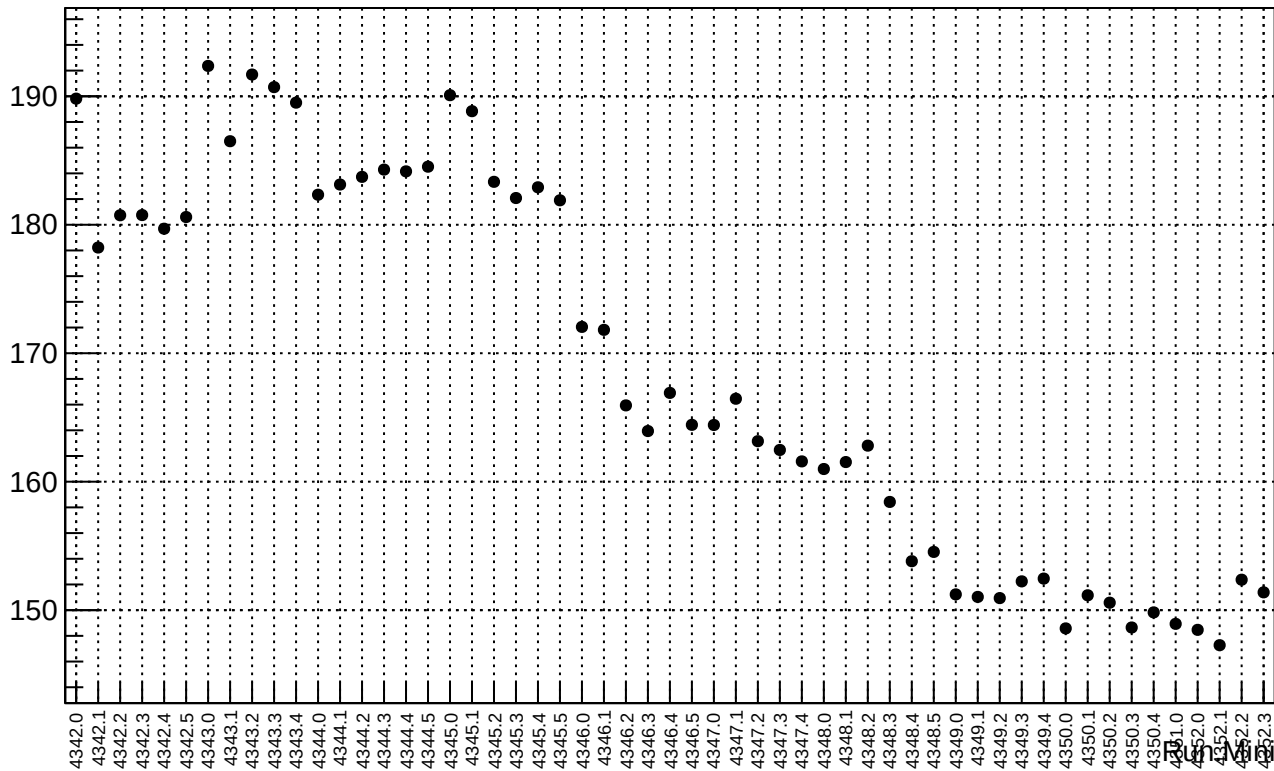
reg_asym_sam_15_avg.mean/ppb



reg_asym_sam_15_avg.rms/ppm



reg_asym_sam_15_avg.rms/ppm

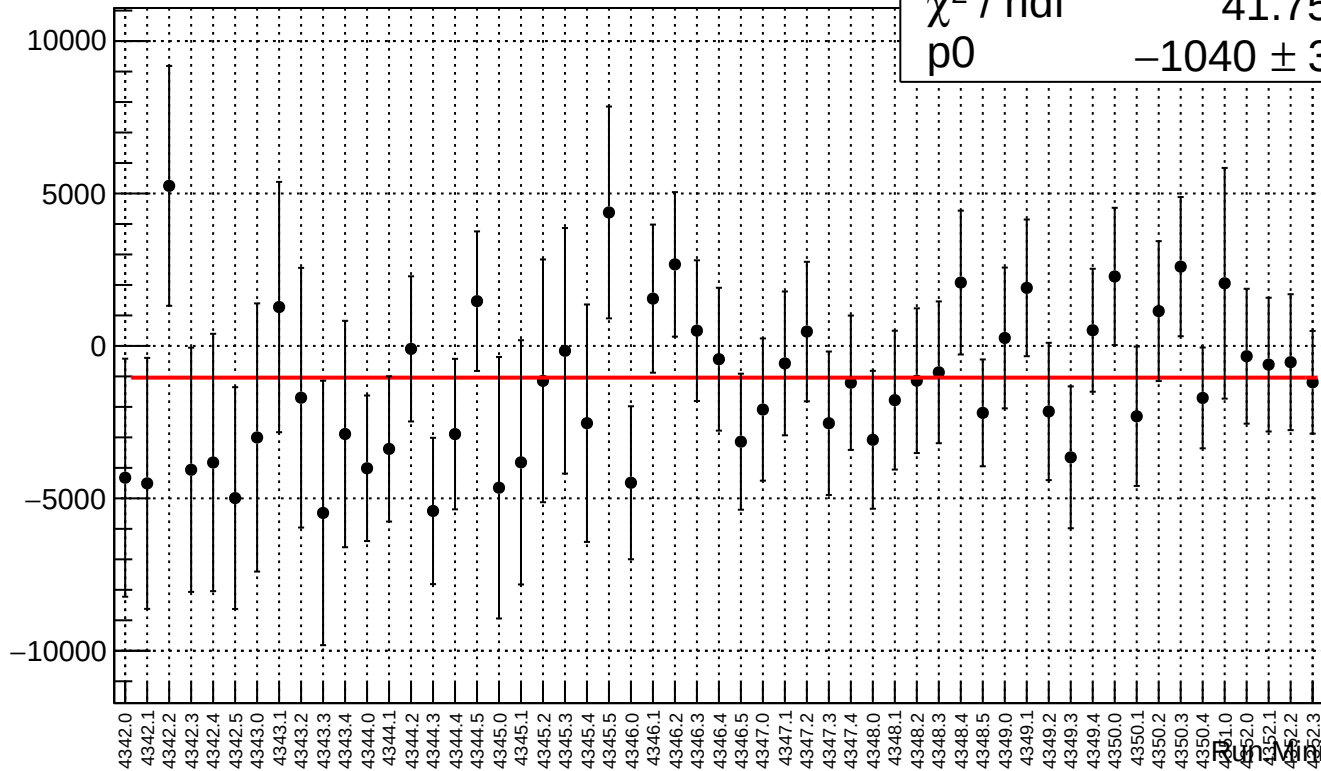


reg_asym_sam_15_dd.mean/ppb

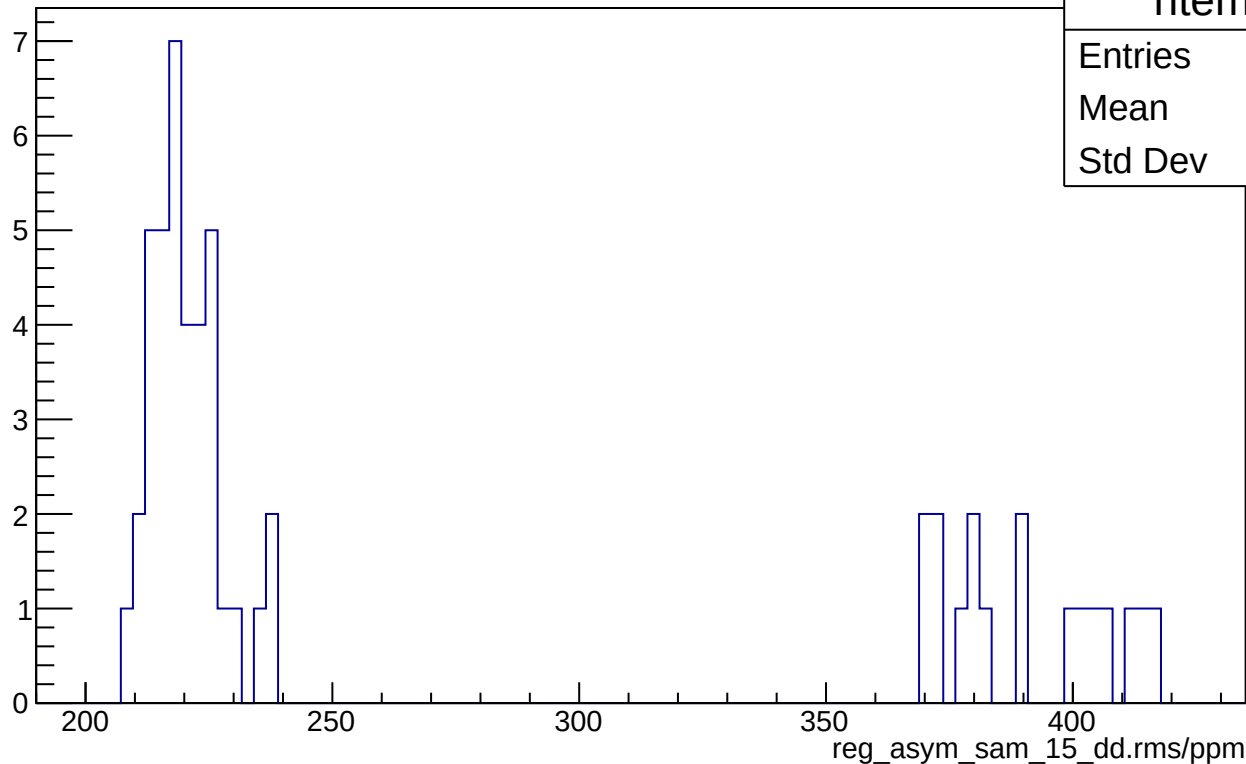
χ^2 / ndf
p0

41.75 / 54

-1040 ± 341.3



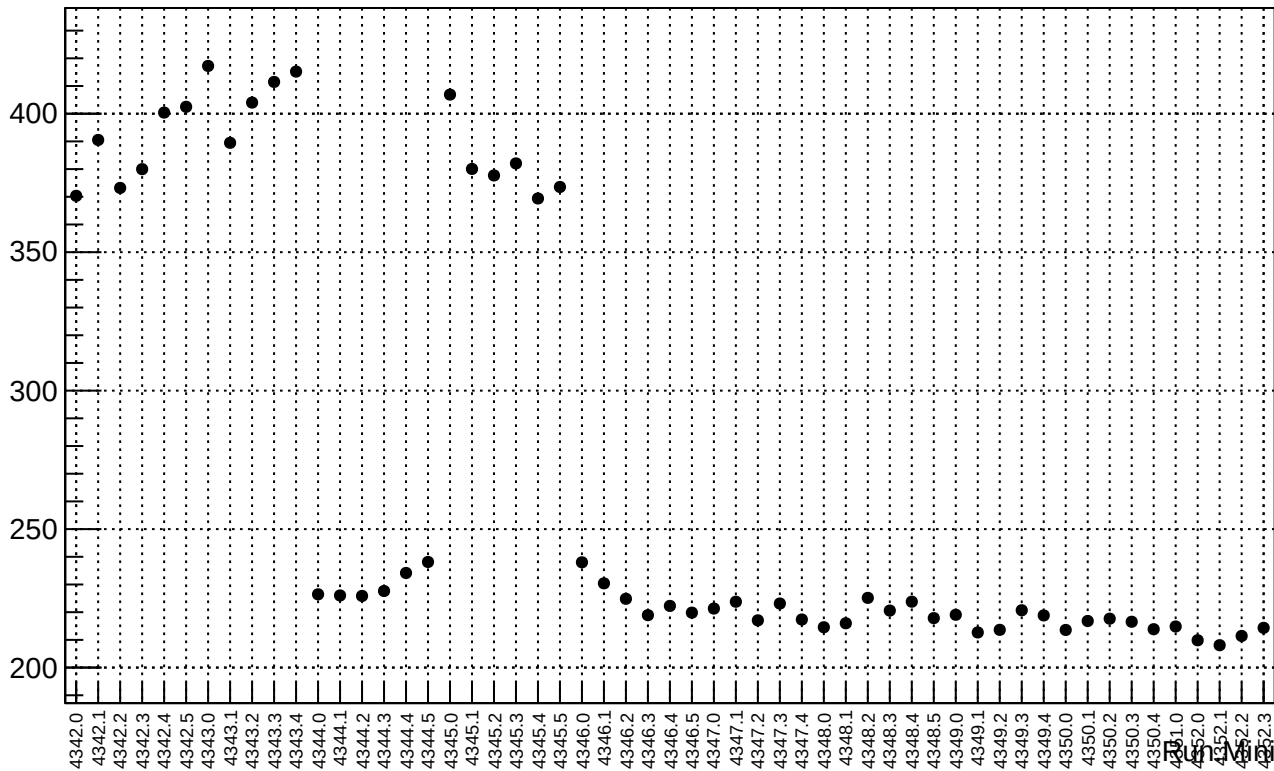
reg_asym_sam_15_dd.rms/ppm



htemp

Entries	55
Mean	273.1
Std Dev	79.47

reg_asym_sam_15_dd.rms/ppm

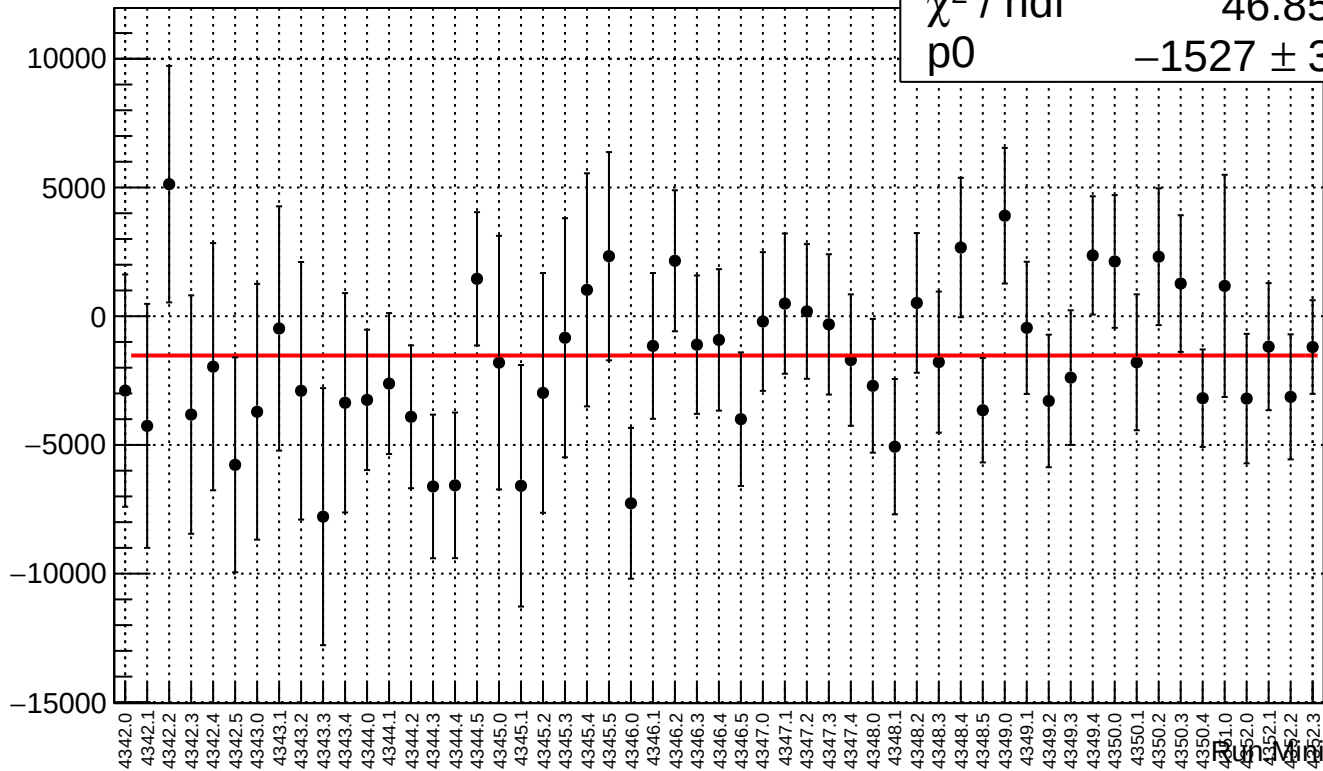


reg_asym_sam1.mean/ppb

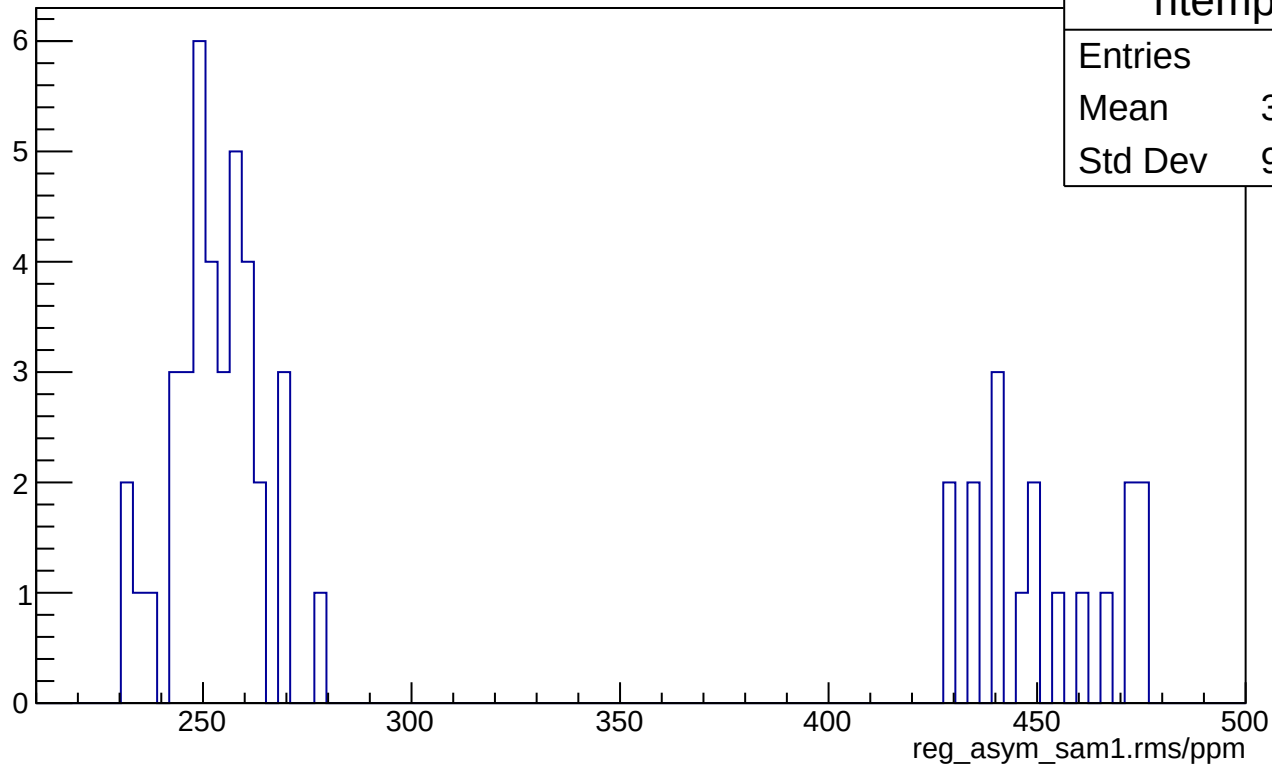
χ^2 / ndf
p0

46.85 / 54

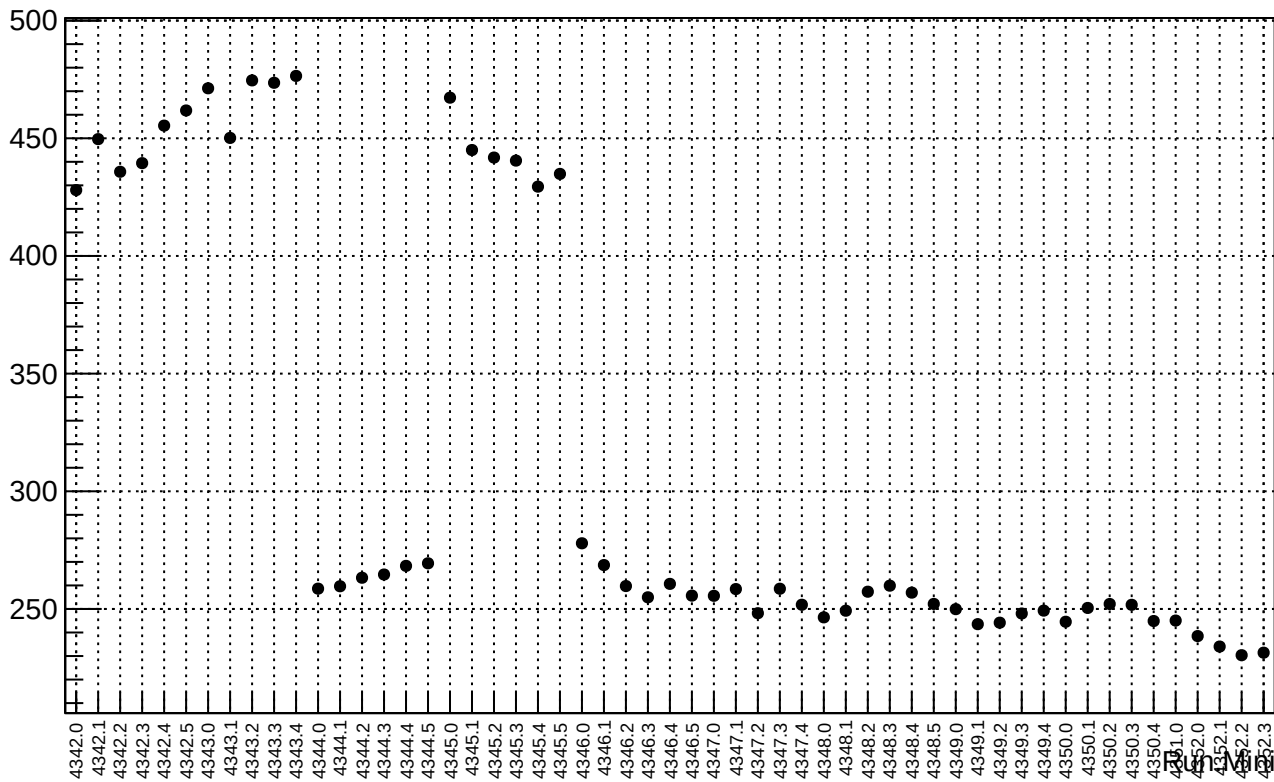
-1527 ± 391.4



reg_asym_sam1.rms/ppm



reg_asym_sam1.rms/ppm

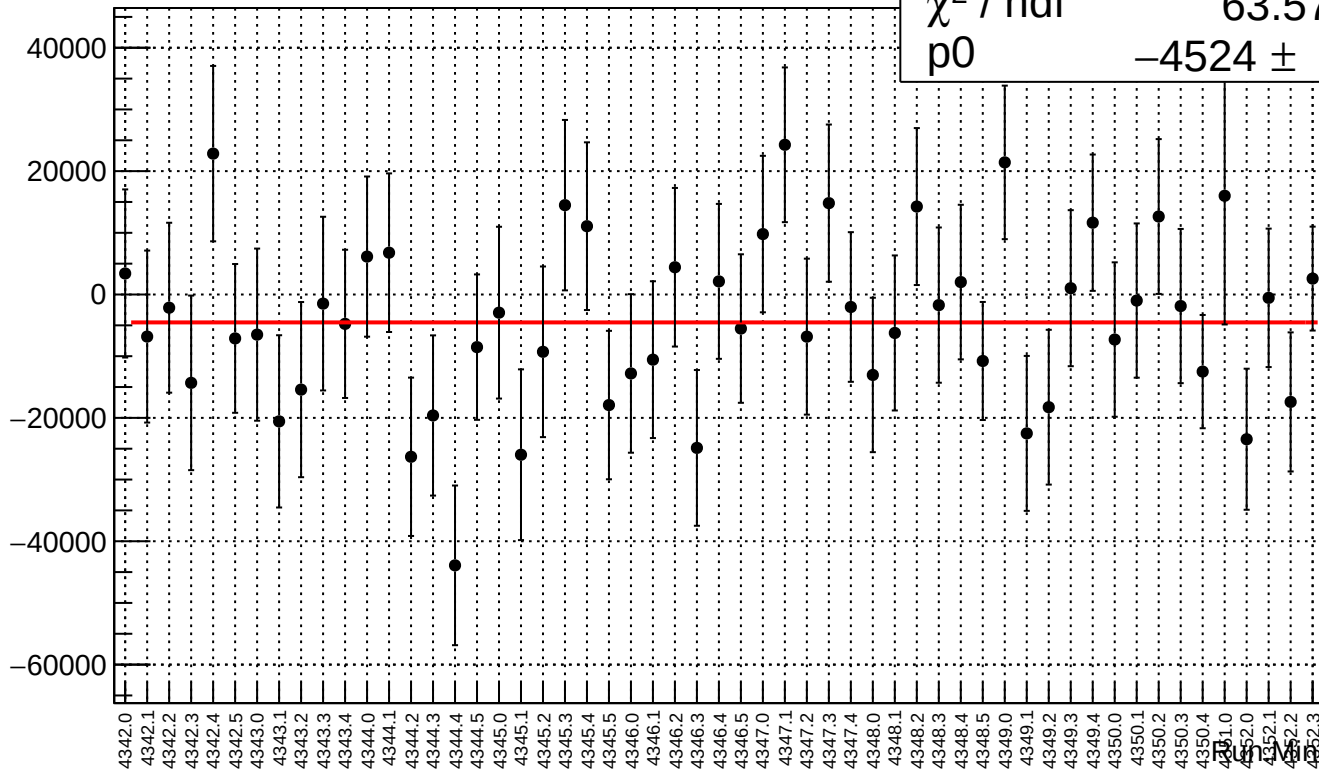


reg_asym_sam_26_avg.mean/ppb

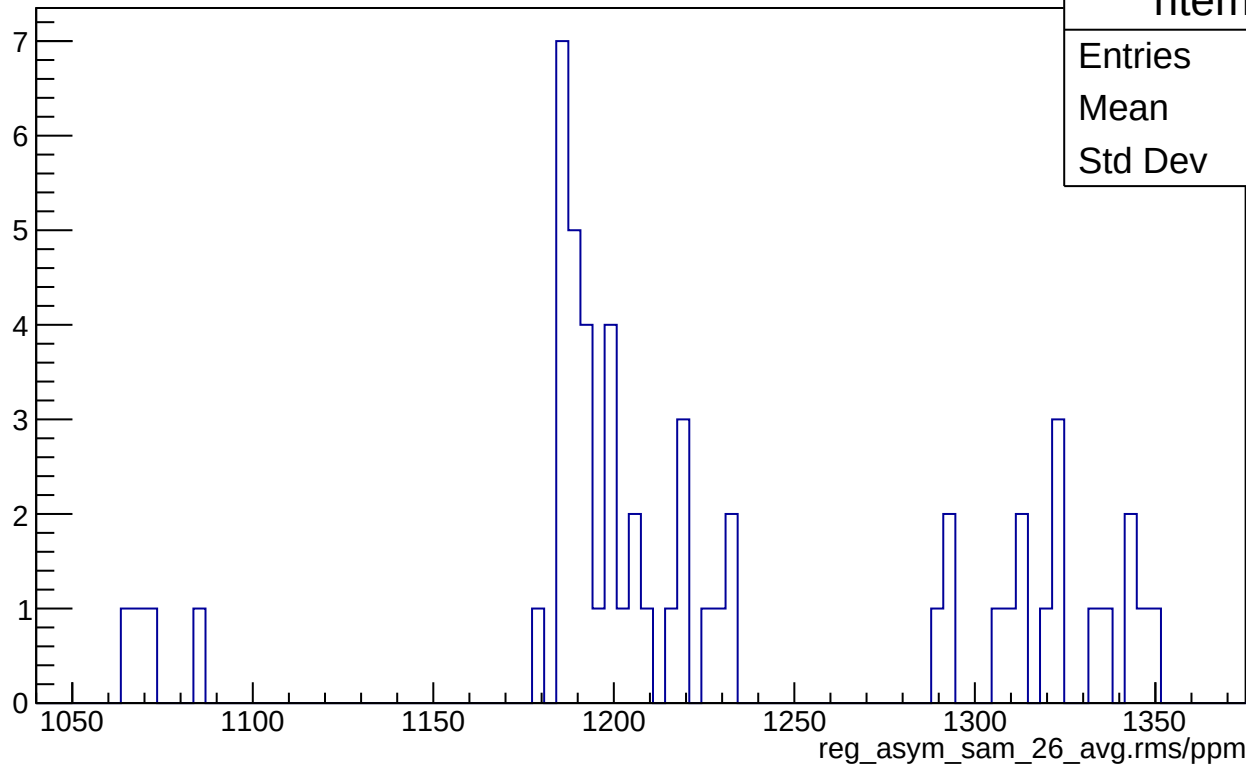
χ^2 / ndf
p0

63.57 / 54

-4524 ± 1683



reg_asym_sam_26_avg.rms/ppm



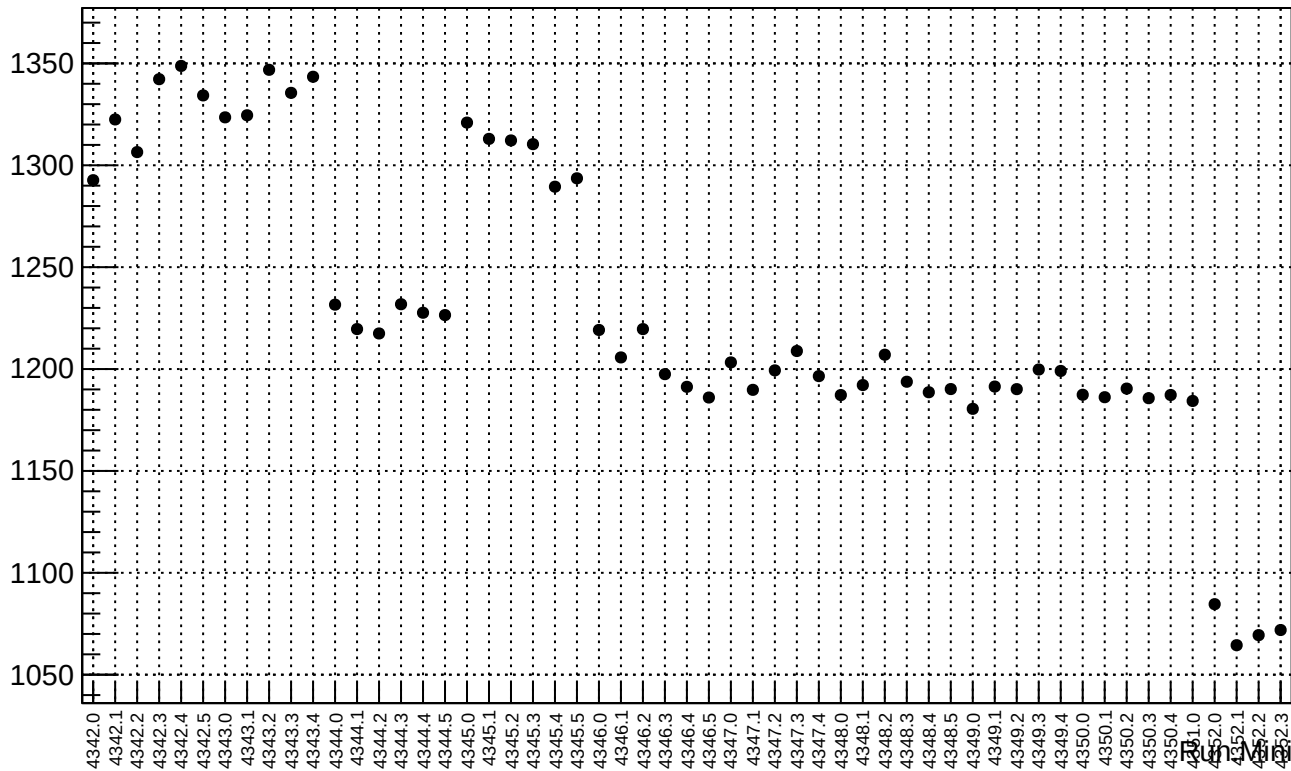
htemp

Entries 55

Mean 1228

Std Dev 71.83

reg_asym_sam_26_avg.rms/ppm

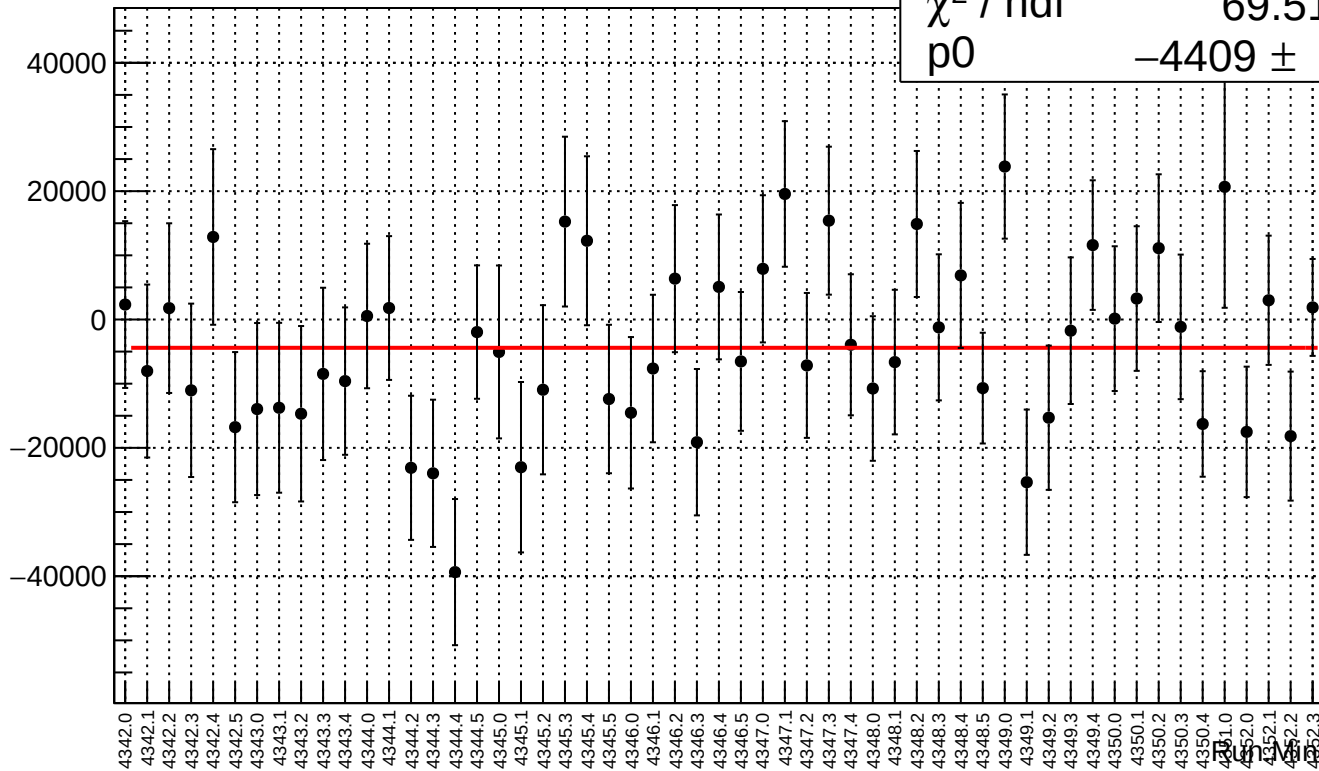


reg_asym_sam_26_dd.mean/ppb

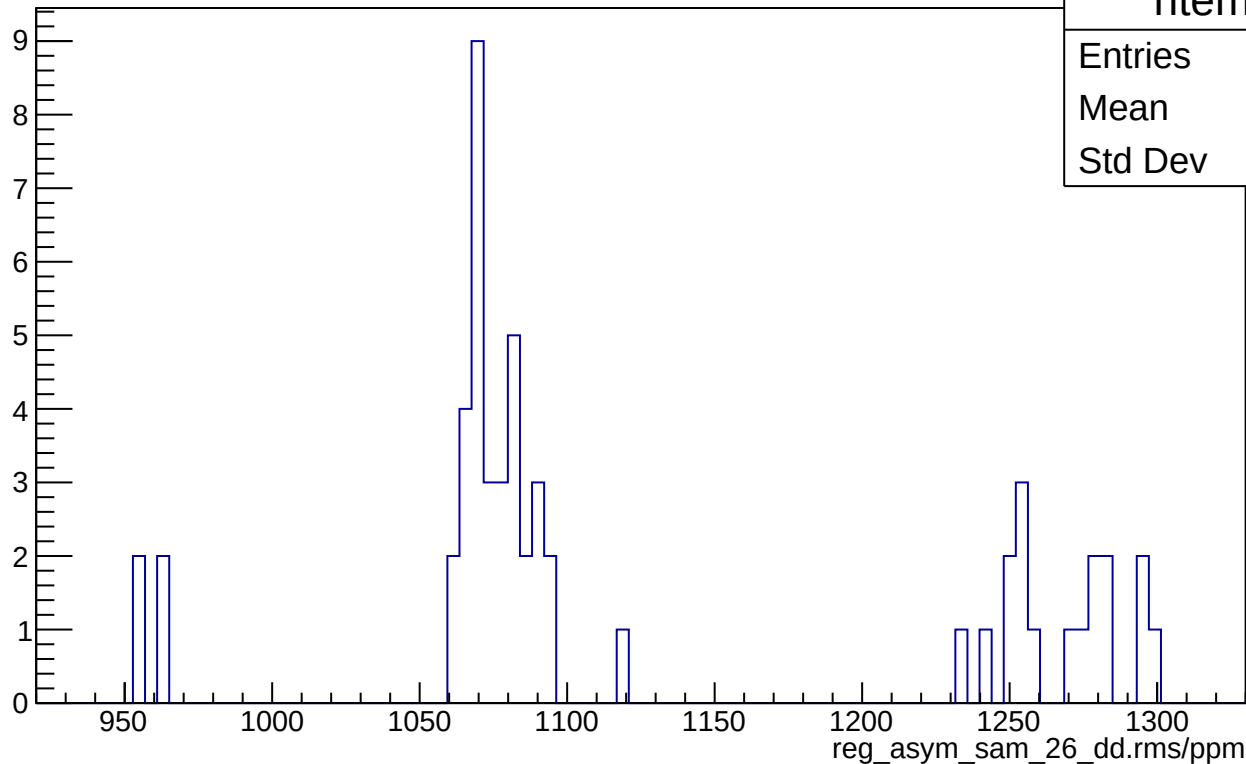
χ^2 / ndf
p0

69.51 / 54

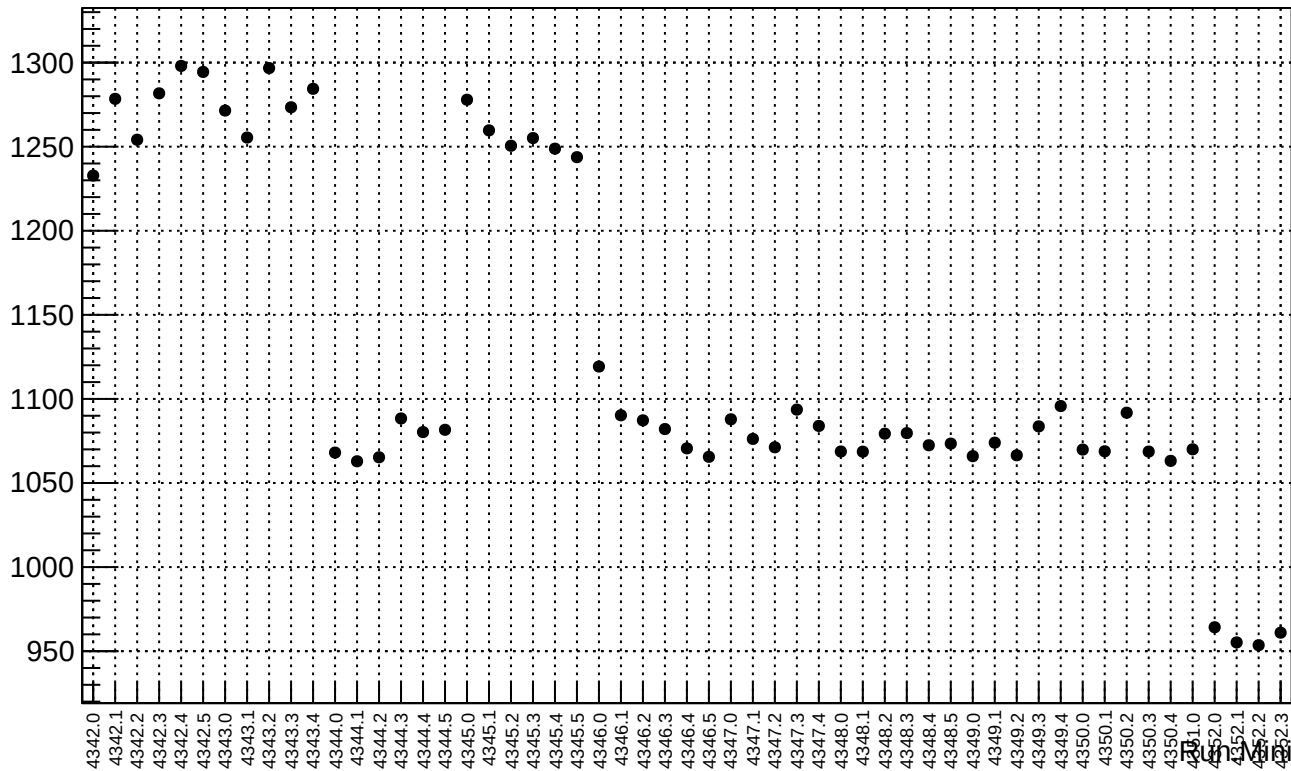
-4409 ± 1536



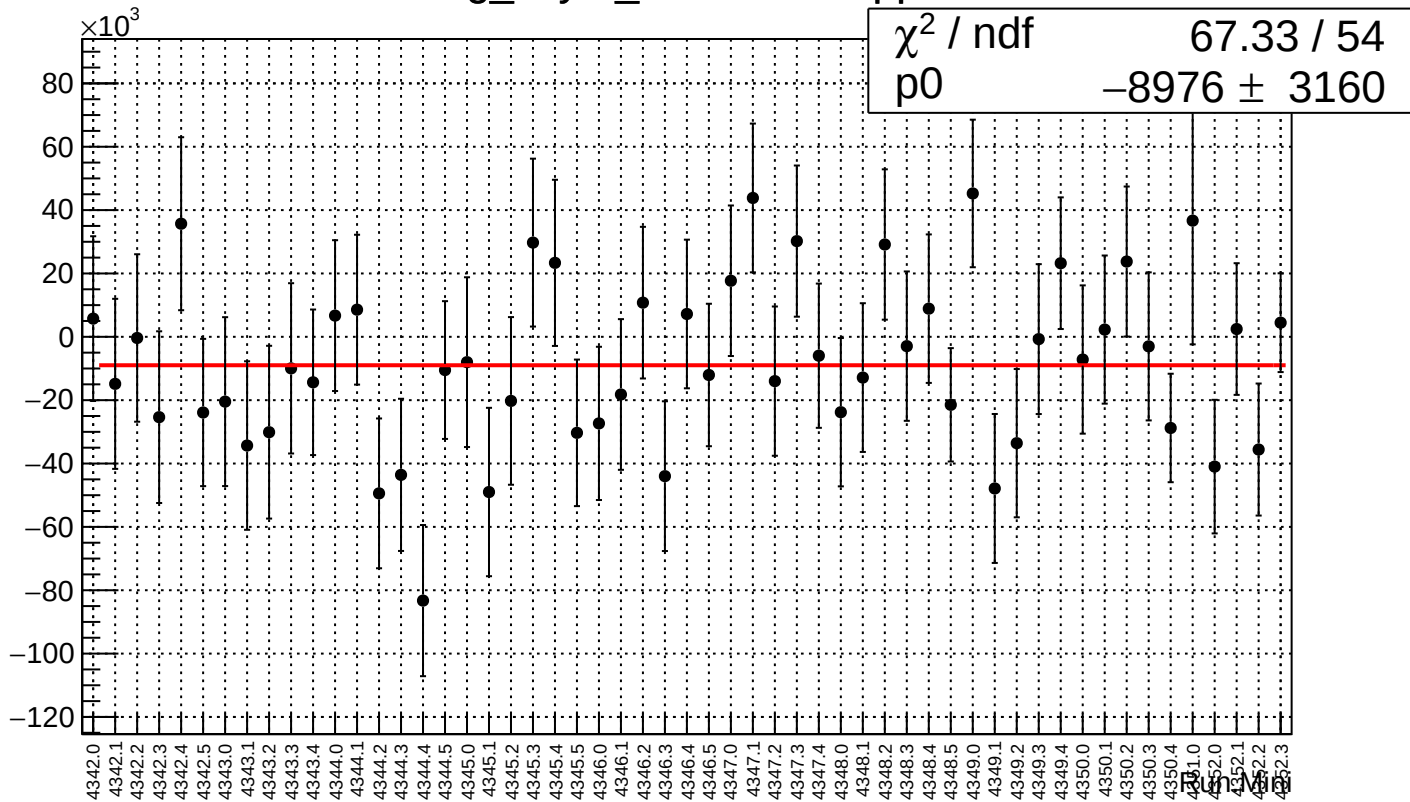
reg_asym_sam_26_dd.rms/ppm



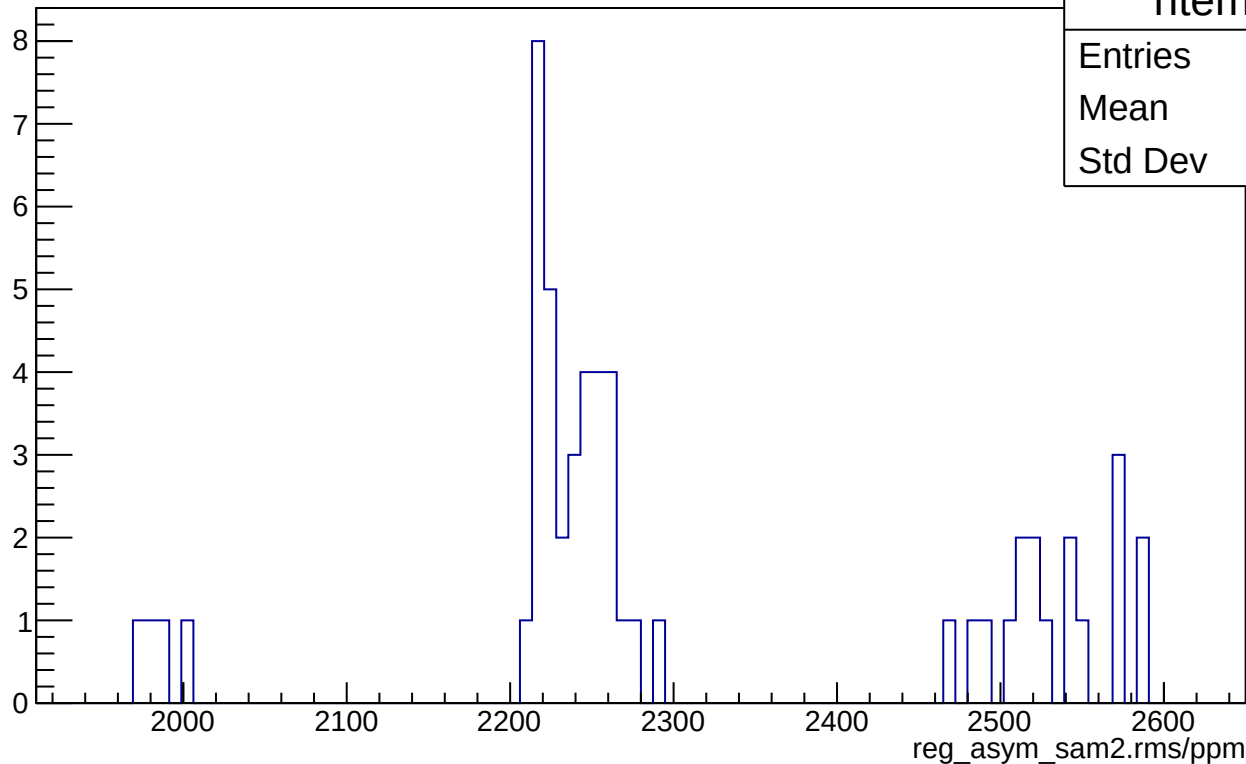
reg_asym_sam_26_dd.rms/ppm



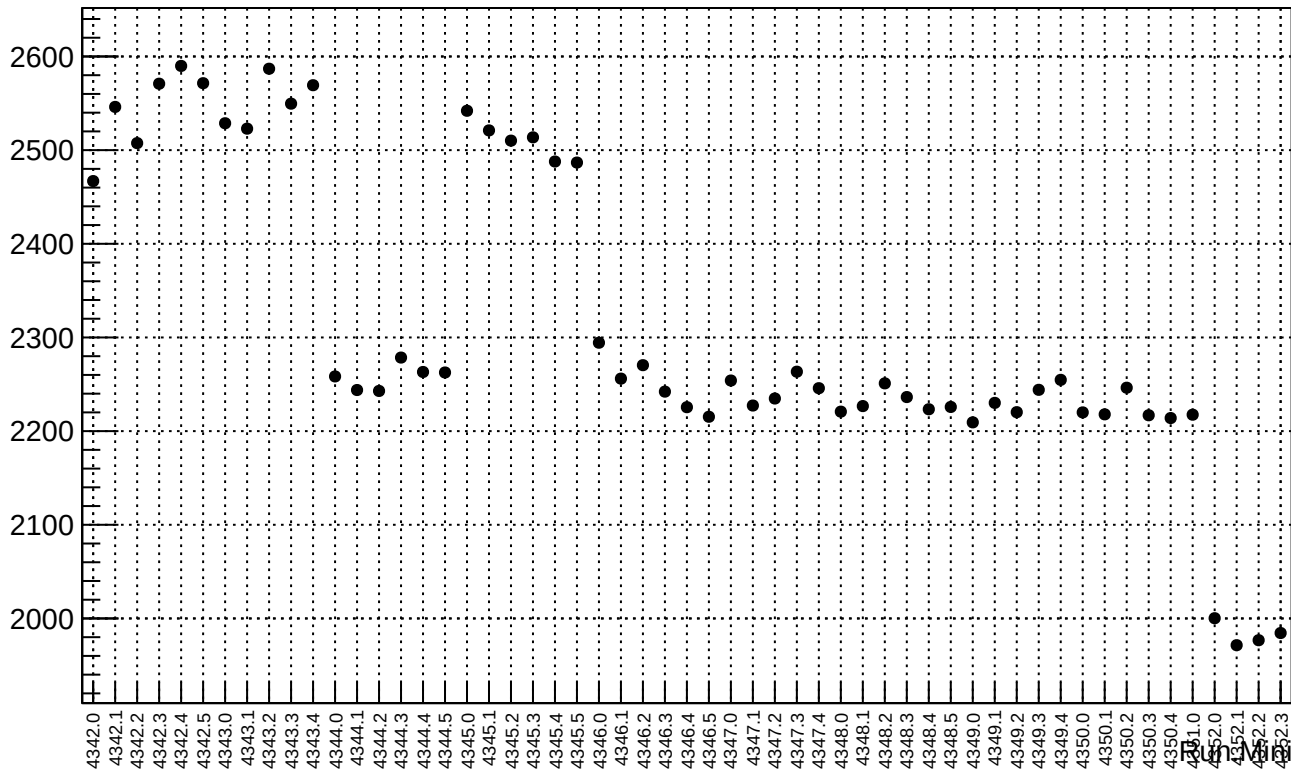
reg_asym_sam2.mean/ppb



reg_asym_sam2.rms/ppm



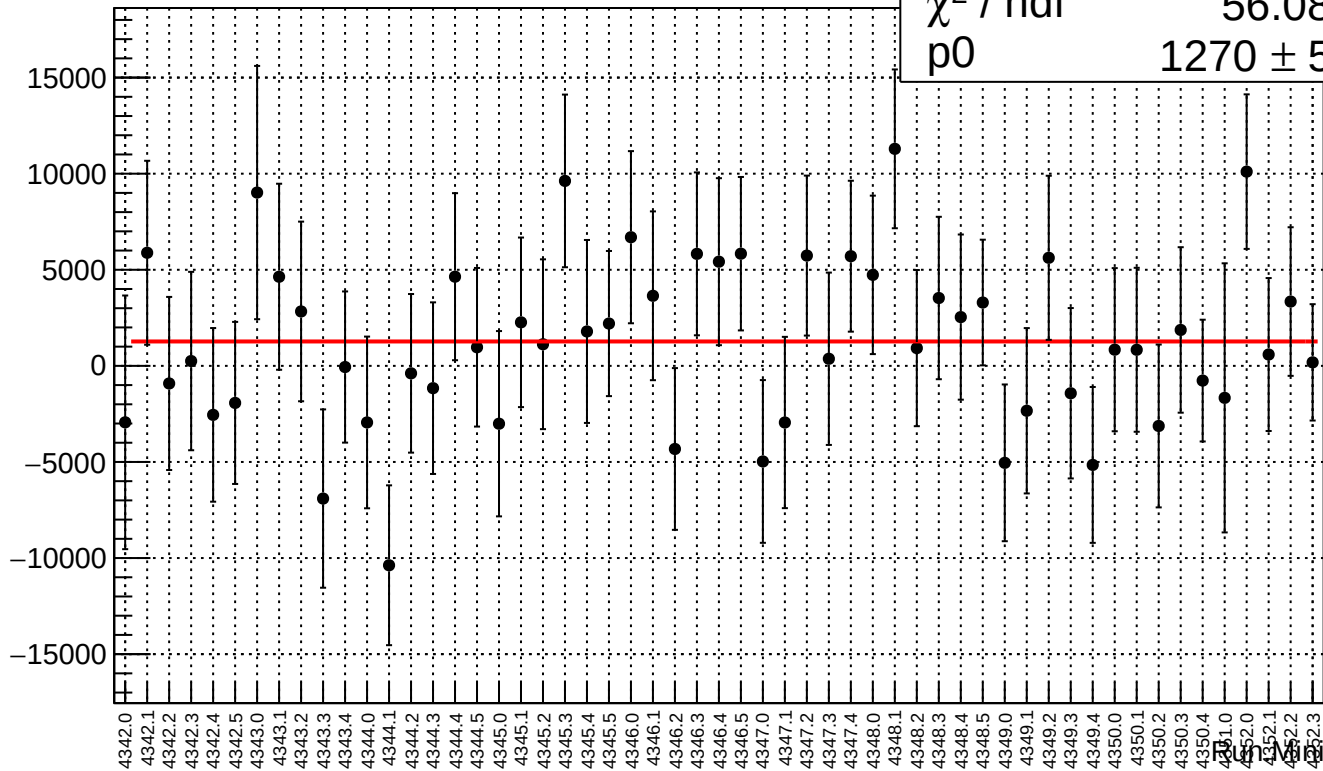
reg_asym_sam2.rms/ppm



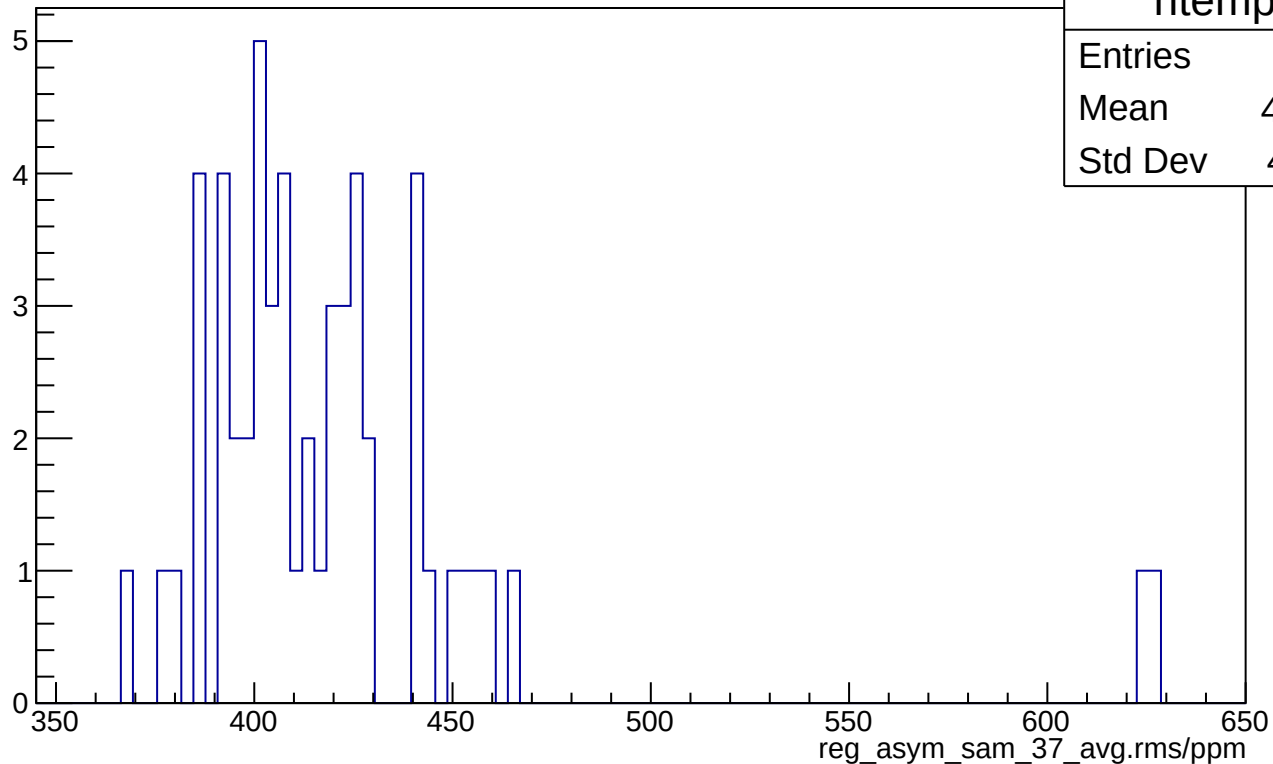
reg_asym_sam_37_avg.mean/ppb

χ^2 / ndf
p0

56.08 / 54
 1270 ± 573.6



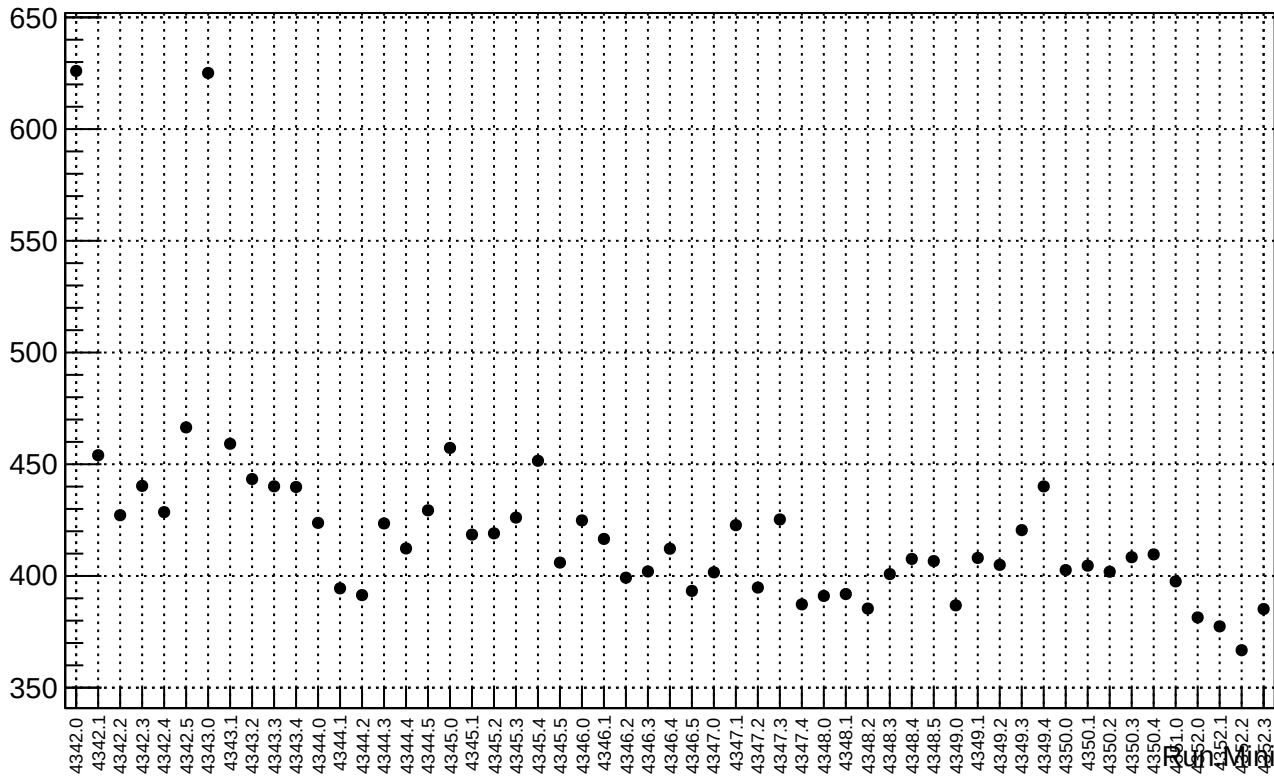
reg_asym_sam_37_avg.rms/ppm



htemp

Entries	55
Mean	421.2
Std Dev	45.41

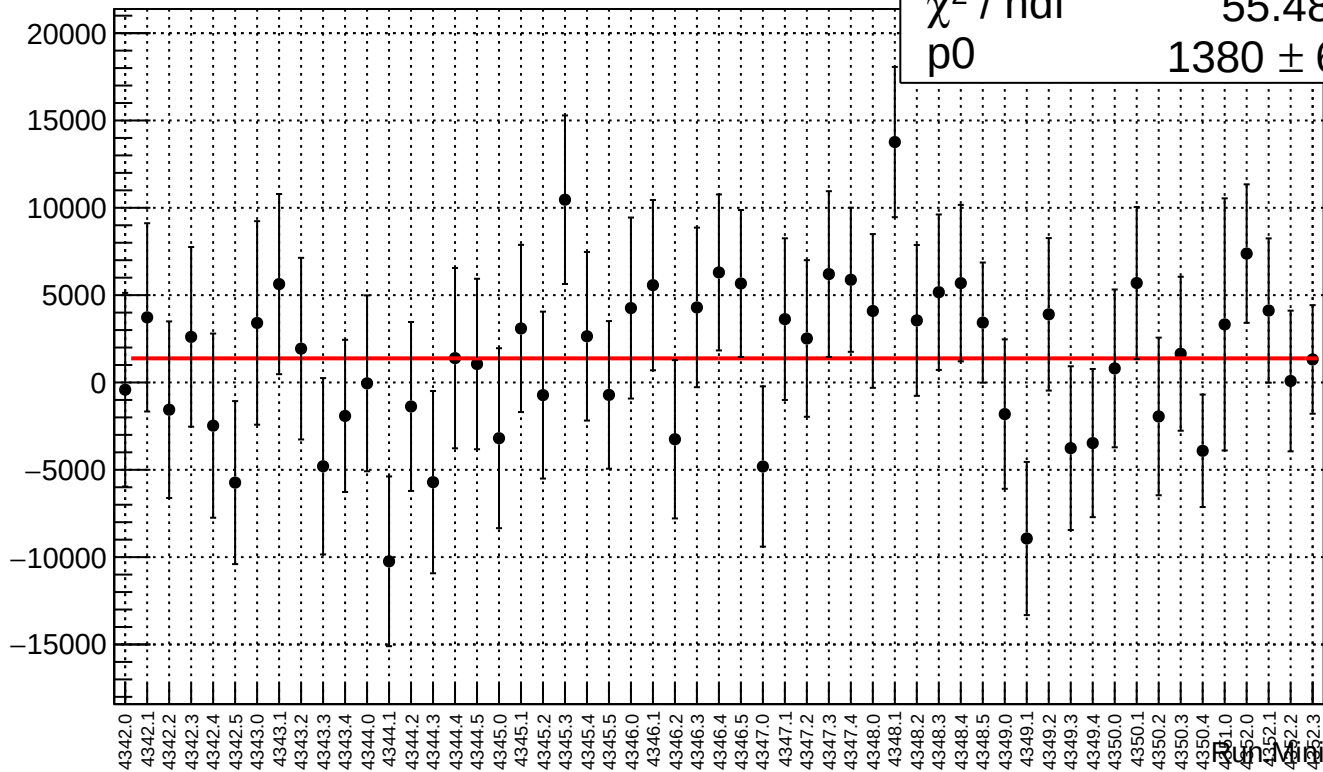
reg_asym_sam_37_avg.rms/ppm



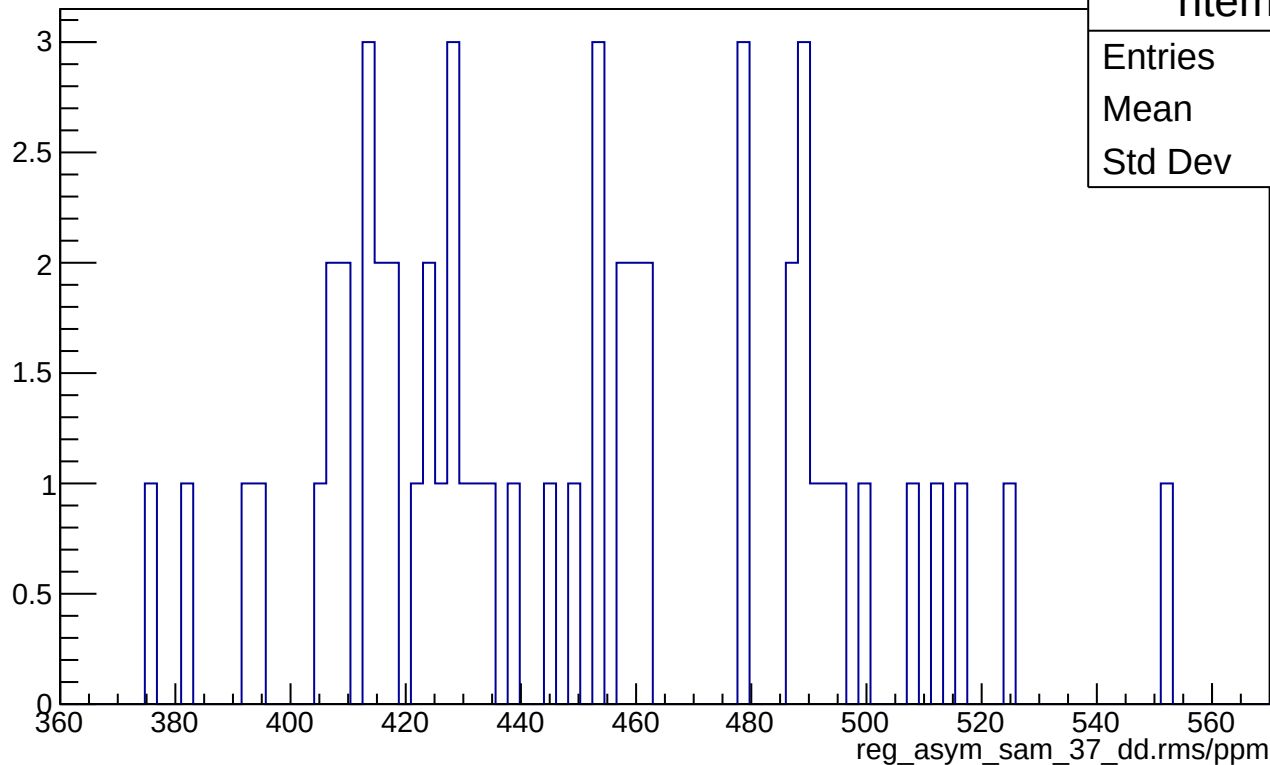
reg_asym_sam_37_dd.mean/ppb

χ^2 / ndf
p0

55.48 / 54
 1380 ± 612.1



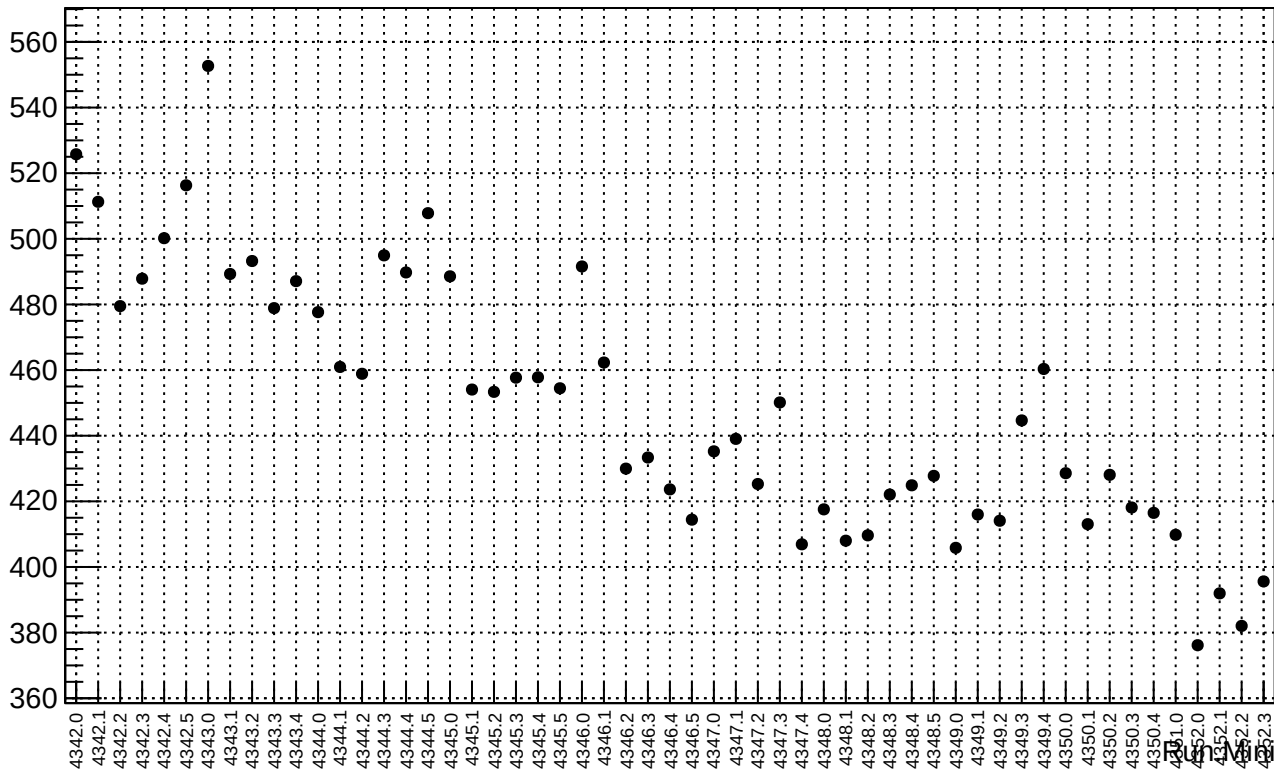
reg_asym_sam_37_dd.rms/ppm



htemp

Entries	55
Mean	449.1
Std Dev	39.33

reg_asym_sam_37_dd.rms/ppm

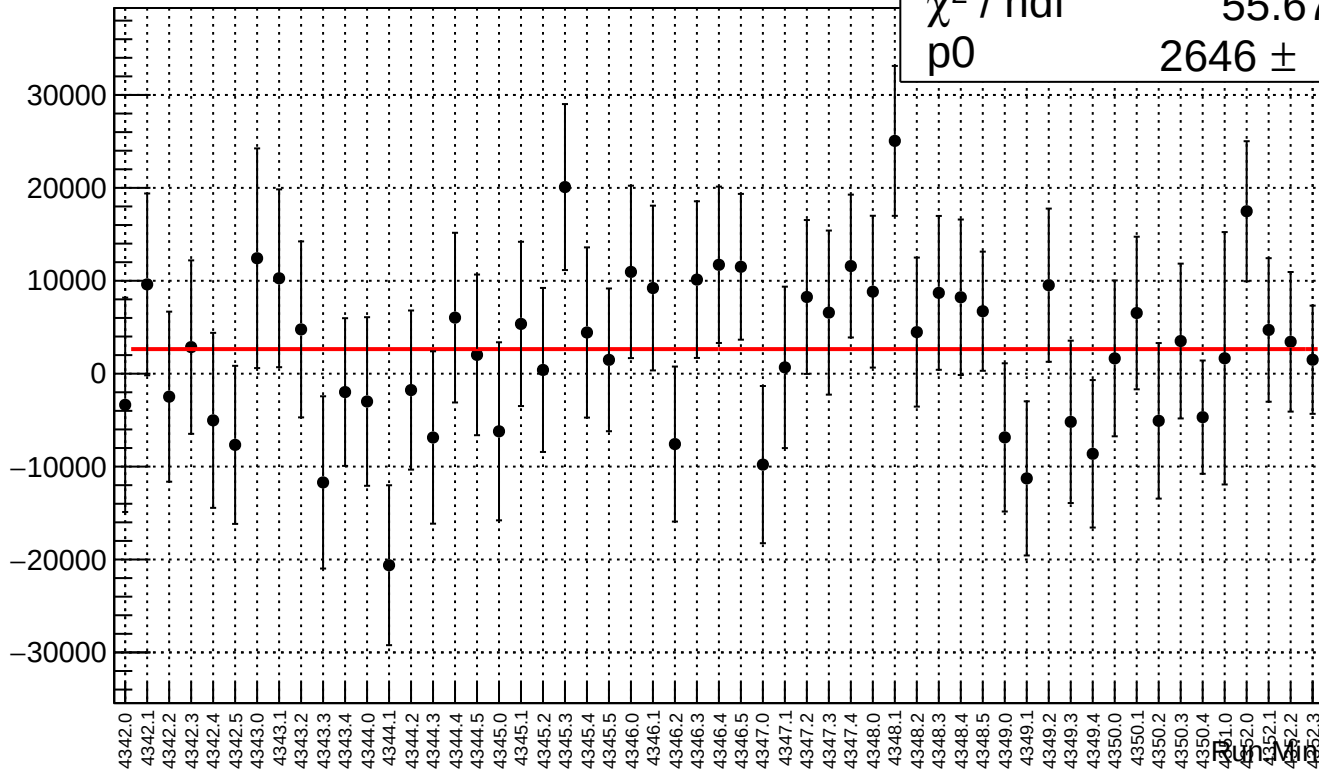


reg_asym_sam3.mean/ppb

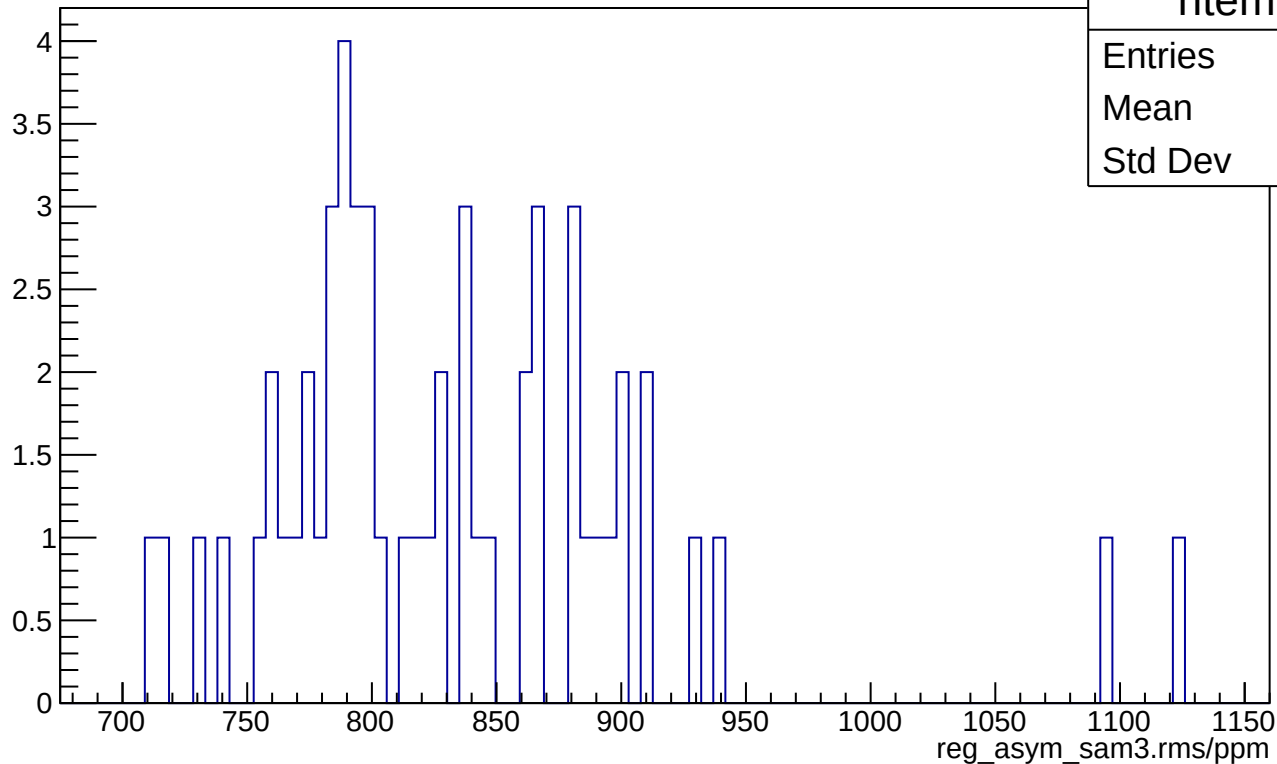
χ^2 / ndf
p0

55.67 / 54

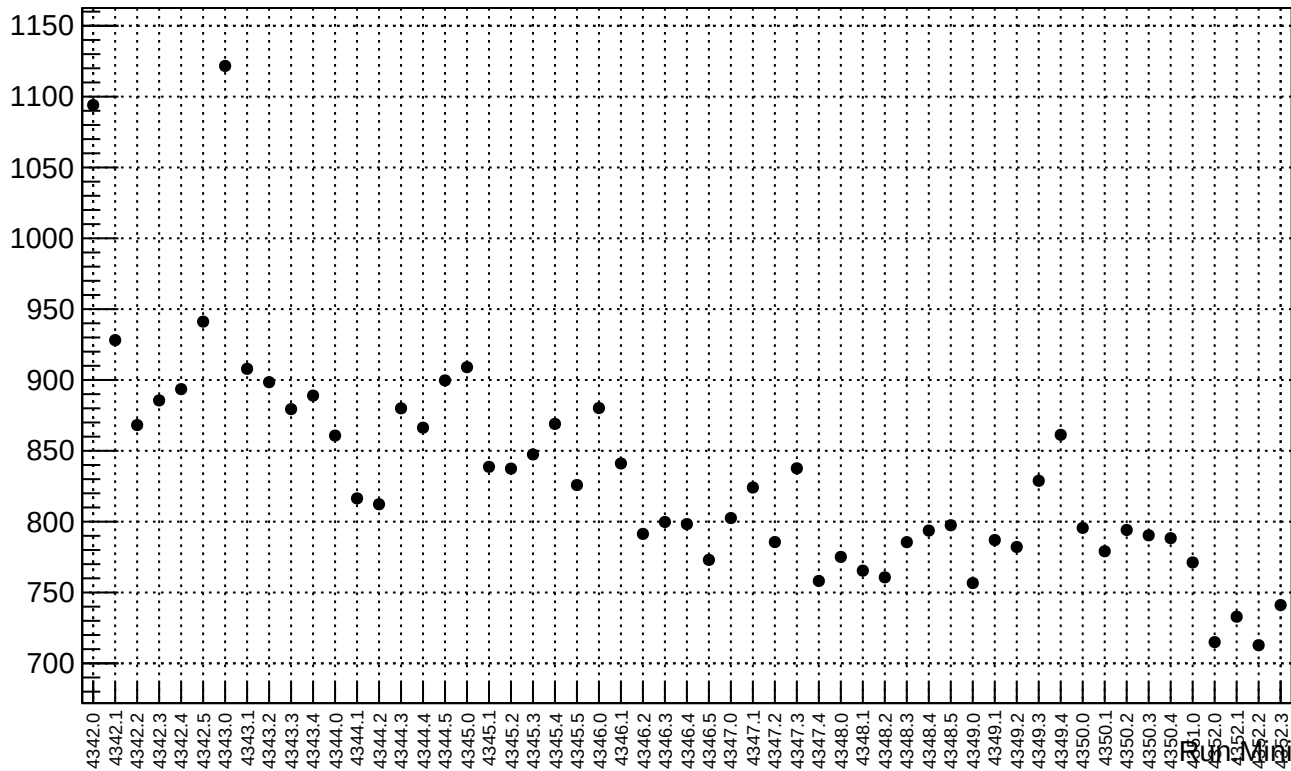
2646 ± 1135



reg_asym_sam3.rms/ppm



reg_asym_sam3.rms/ppm

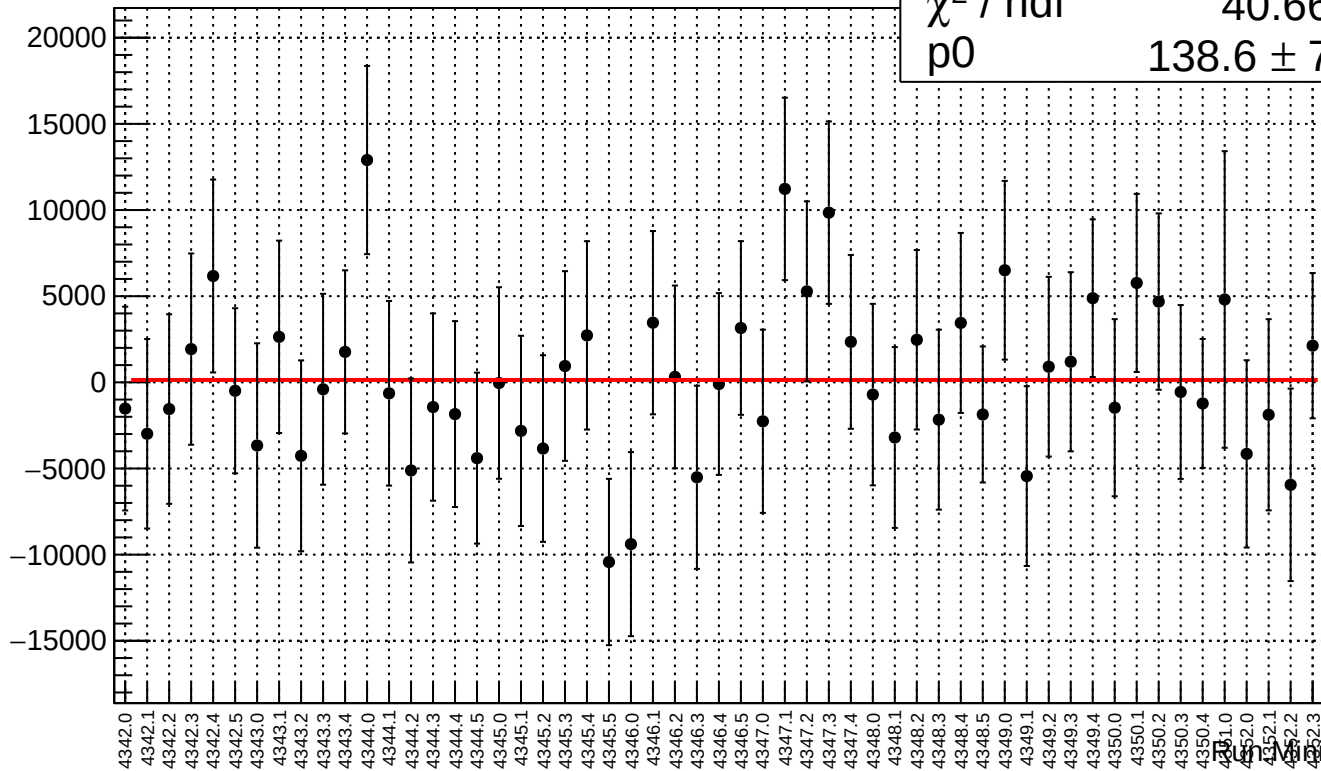


reg_asym_sam_48_avg.mean/ppb

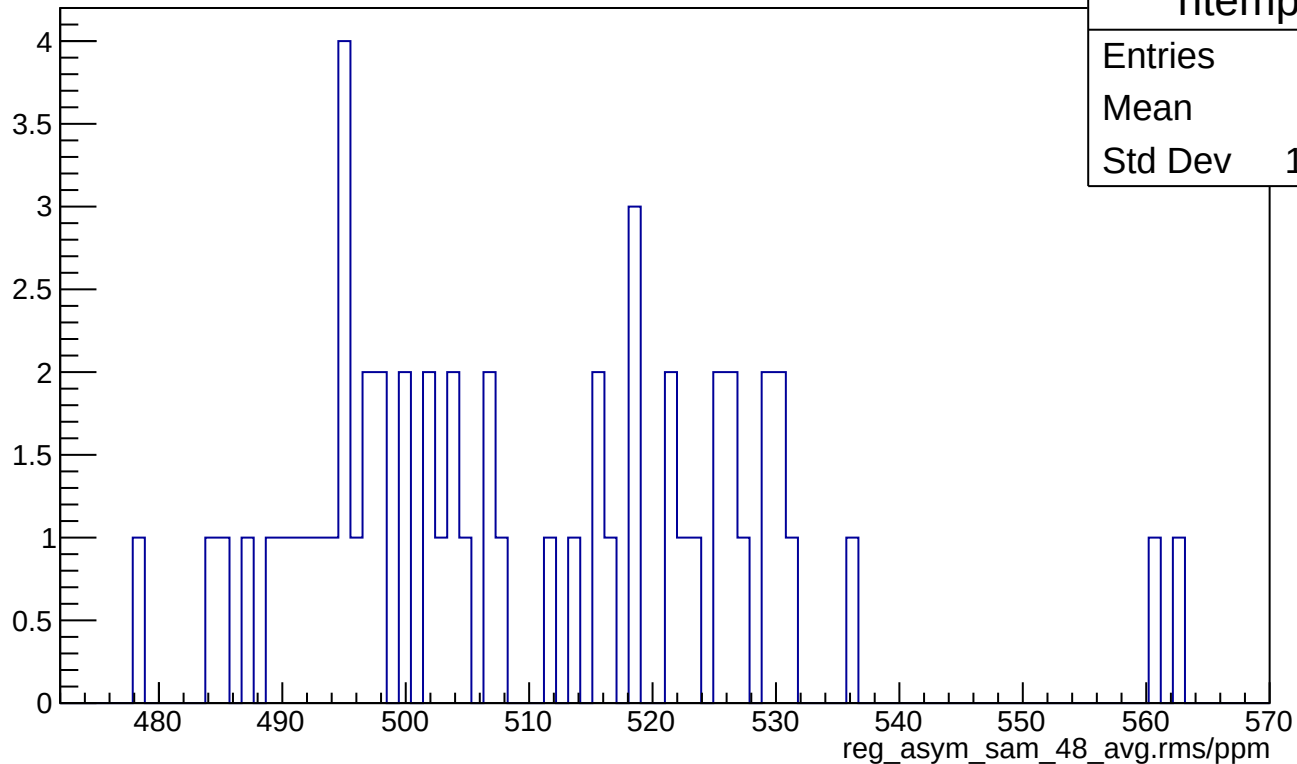
χ^2 / ndf
p0

40.66 / 54

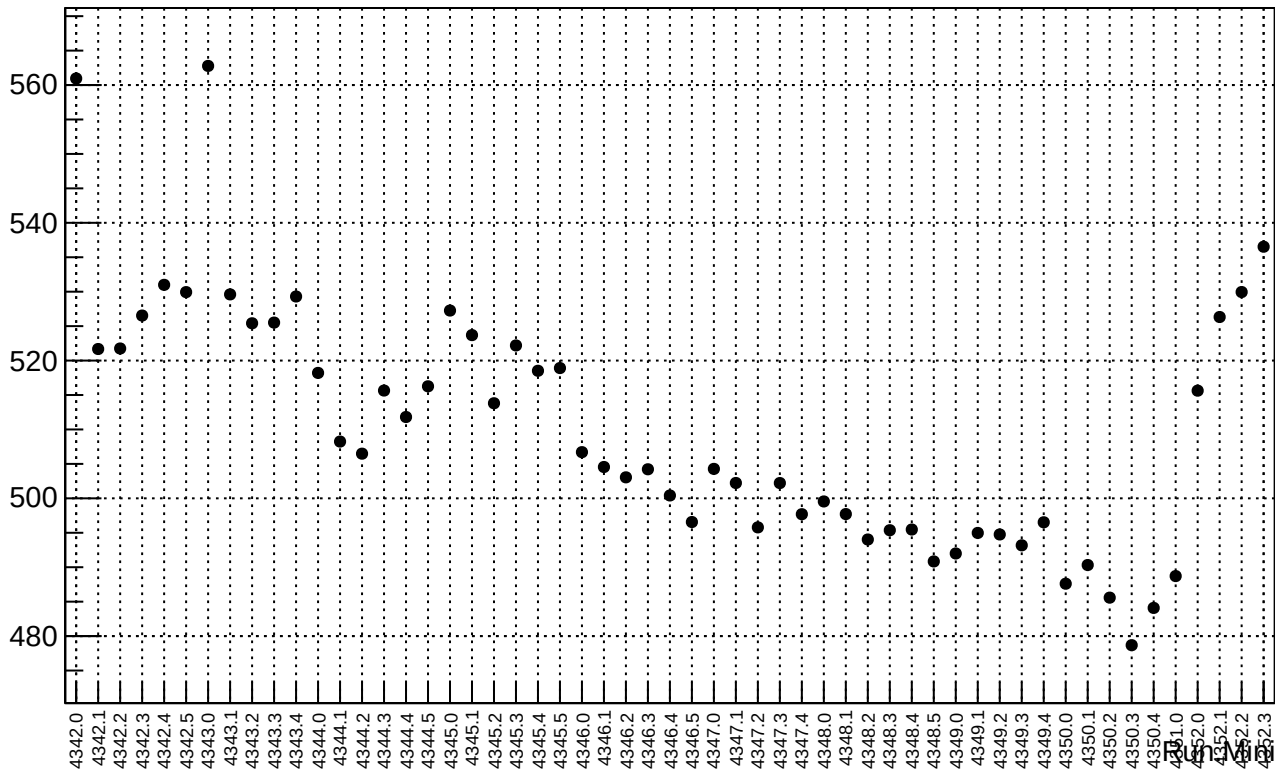
138.6 ± 702.3



reg_asym_sam_48_avg.rms/ppm



reg_asym_sam_48_avg.rms/ppm

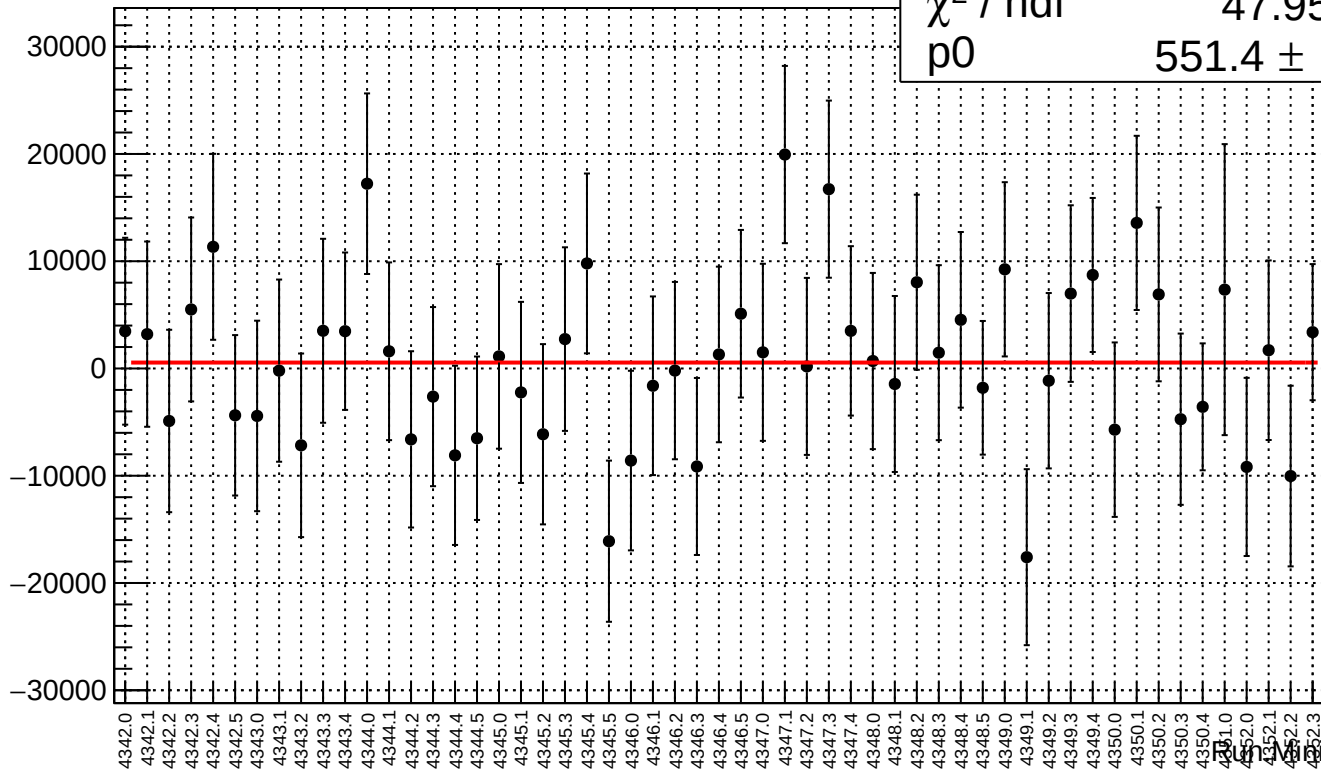


reg_asym_sam_48_dd.mean/ppb

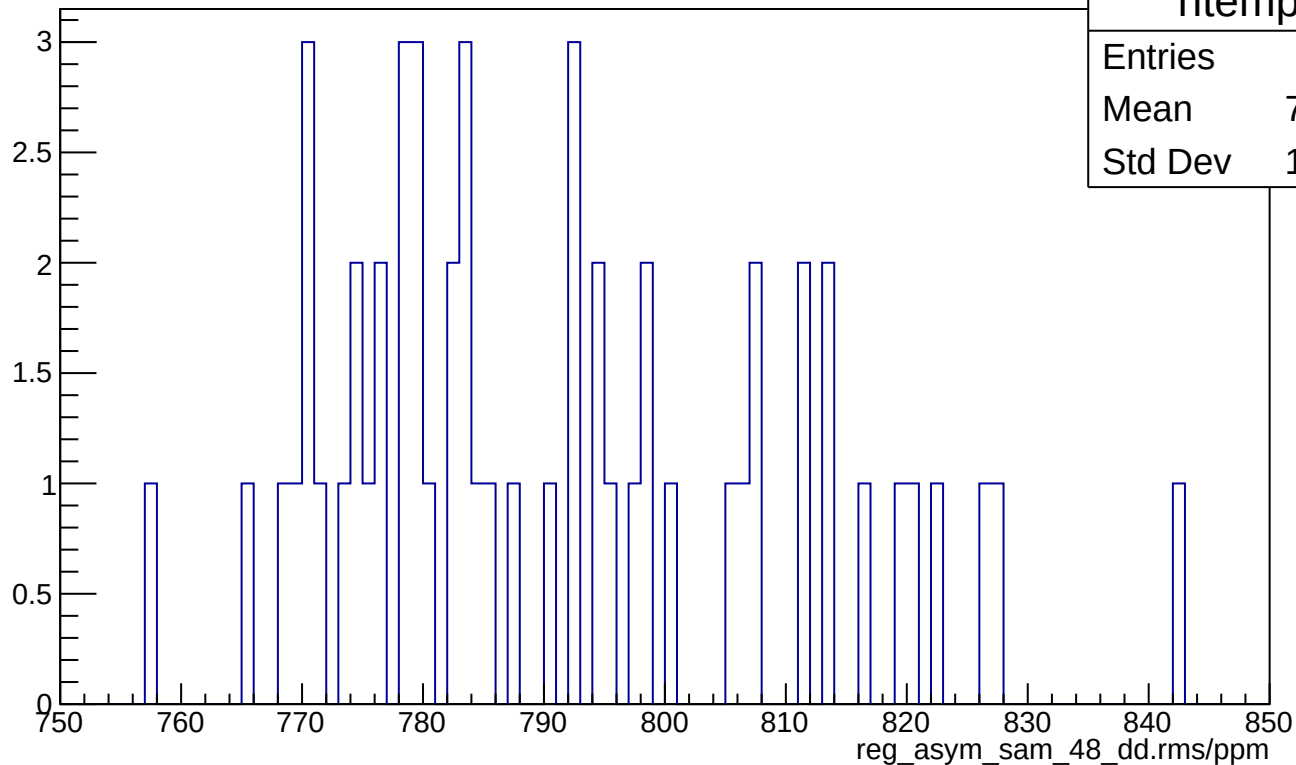
χ^2 / ndf
p0

47.95 / 54

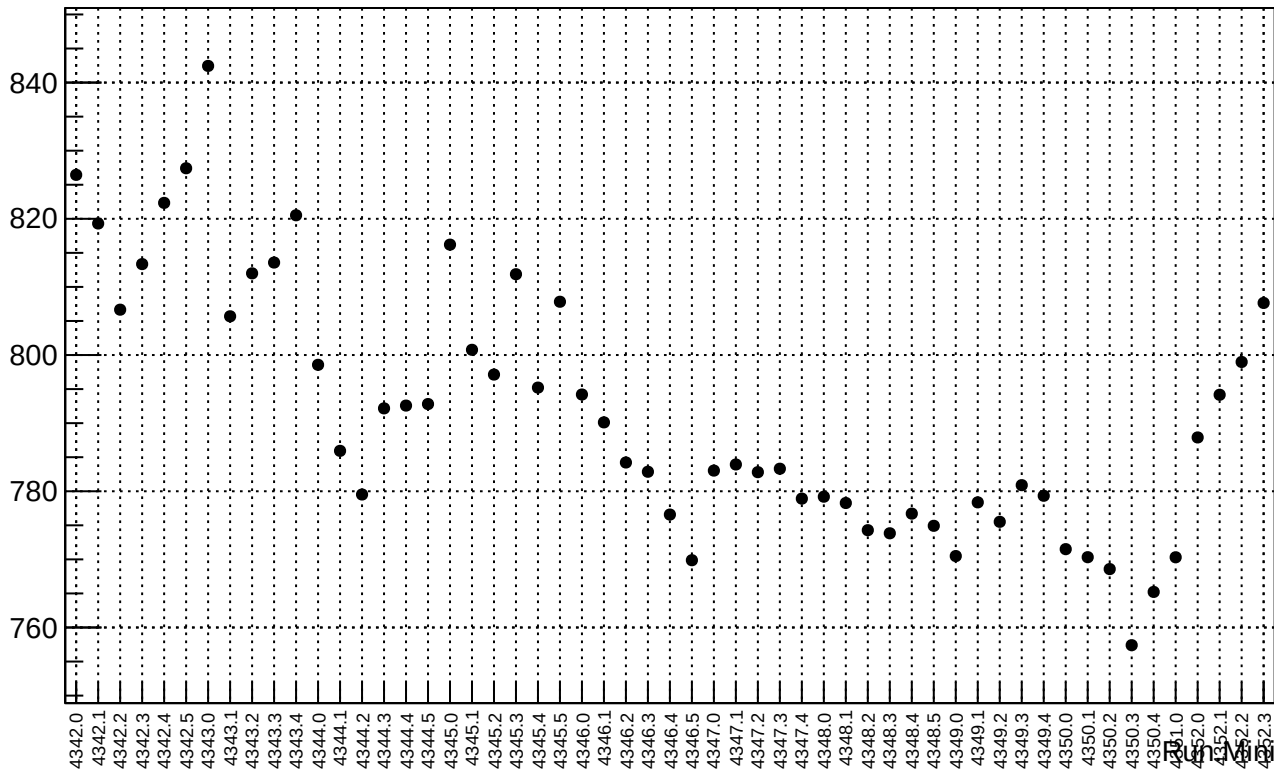
551.4 ± 1091



reg_asym_sam_48_dd.rms/ppm



reg_asym_sam_48_dd.rms/ppm

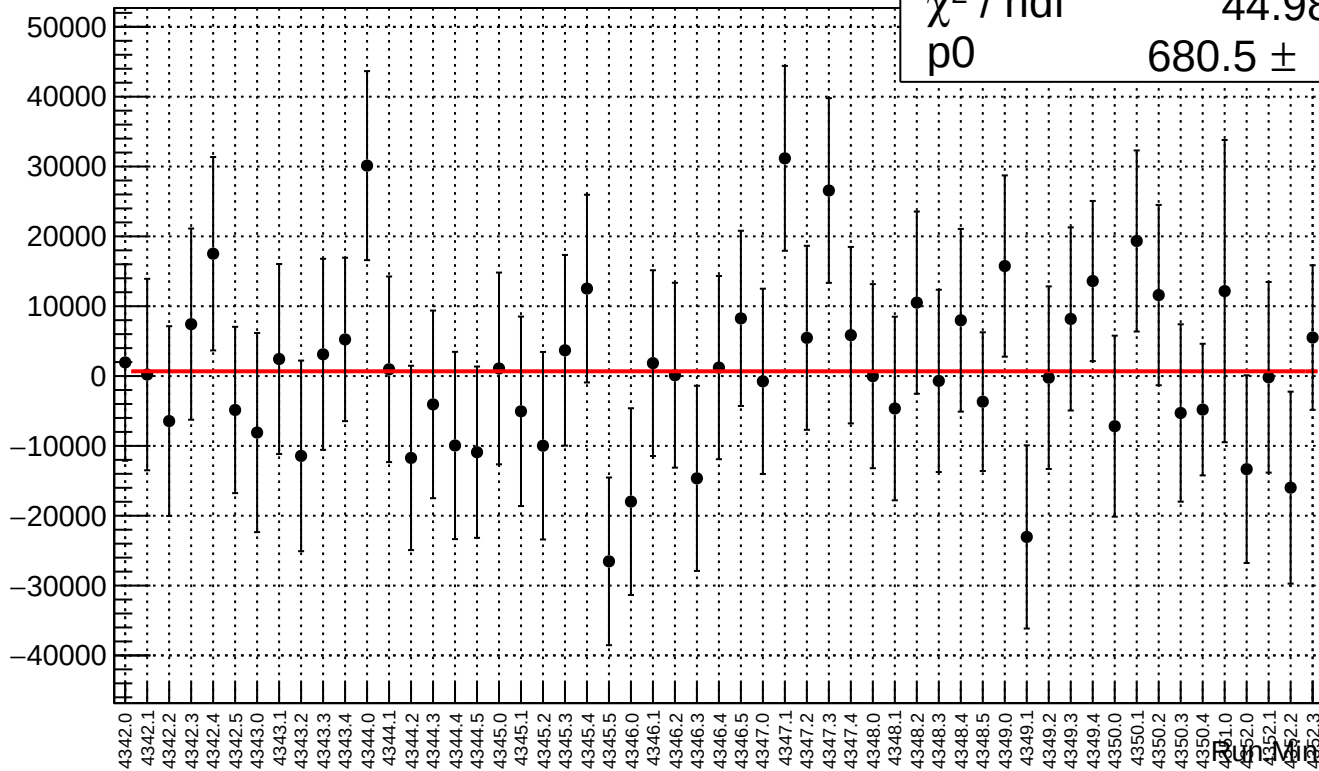


reg_asym_sam4.mean/ppb

χ^2 / ndf
p0

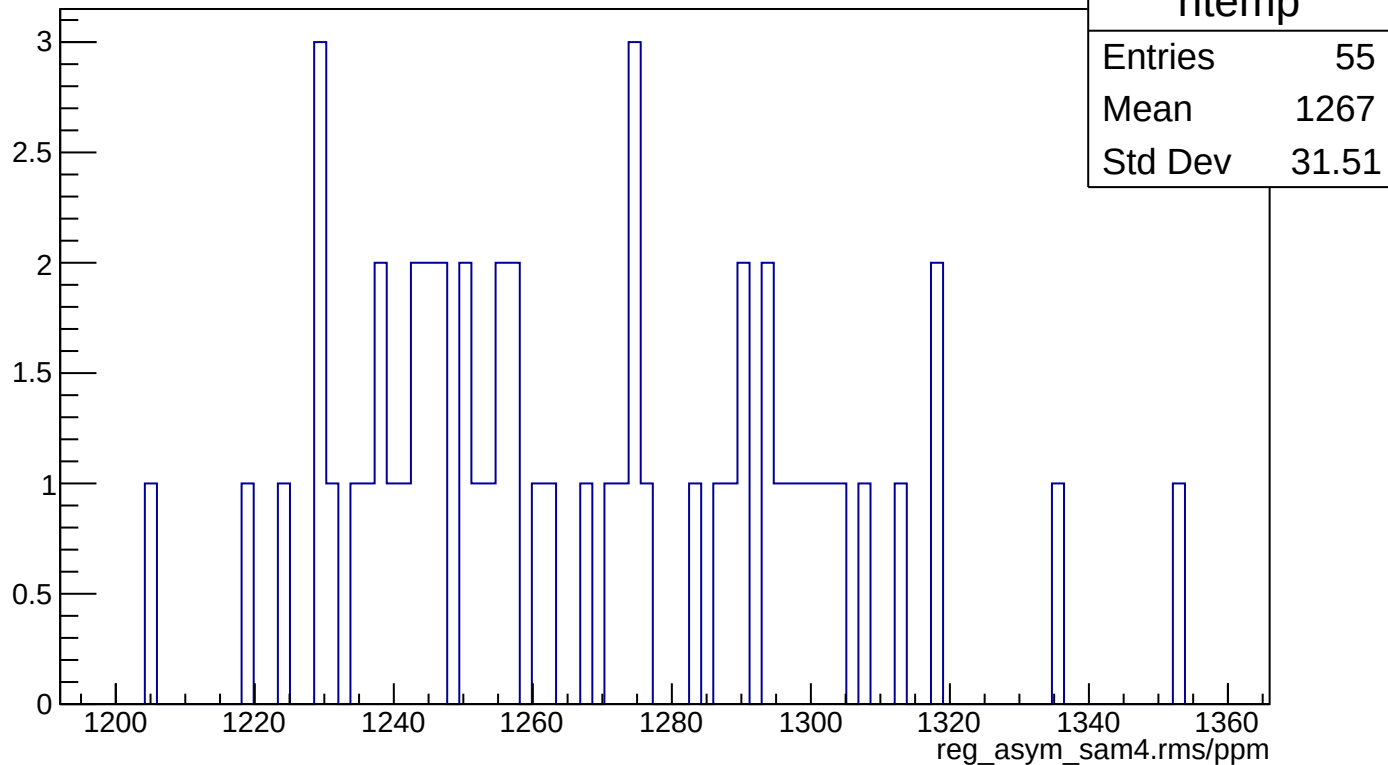
44.98 / 54

680.5 ± 1747

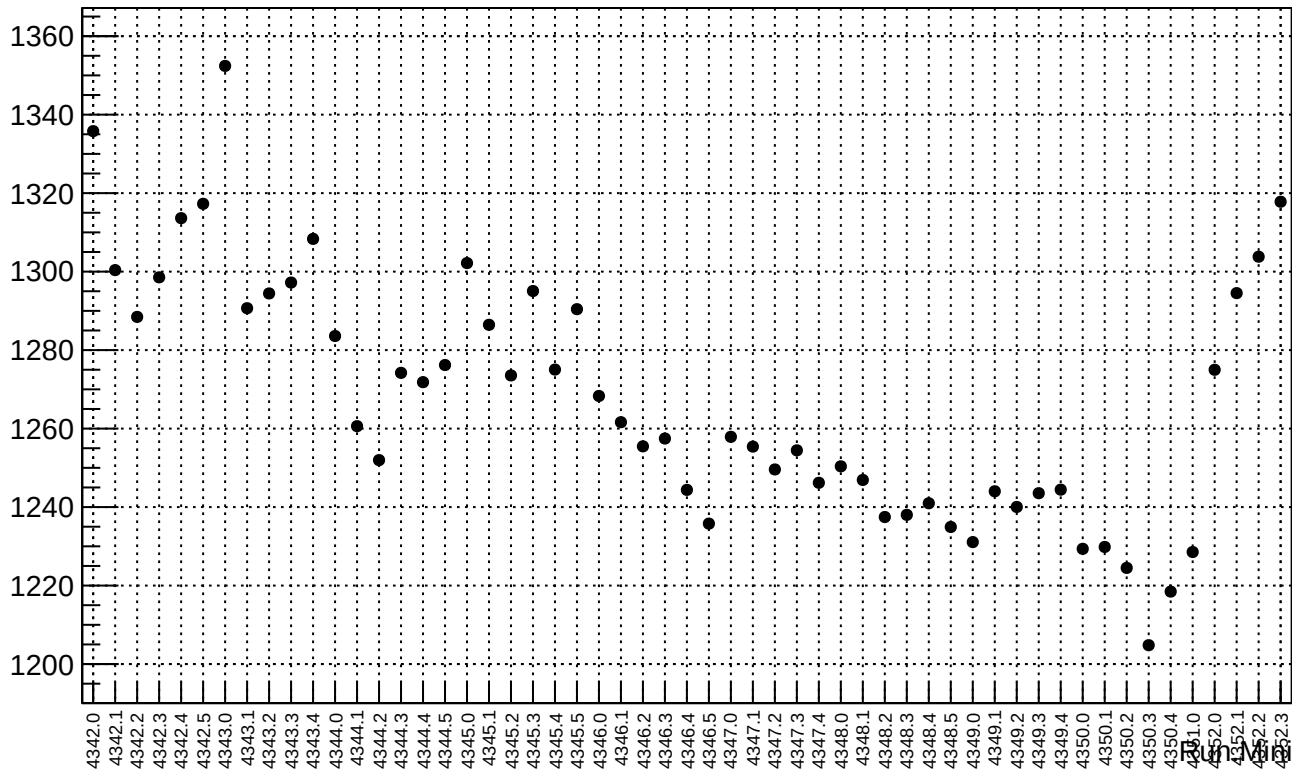


Run 43

reg_asym_sam4.rms/ppm



reg_asym_sam4.rms/ppm

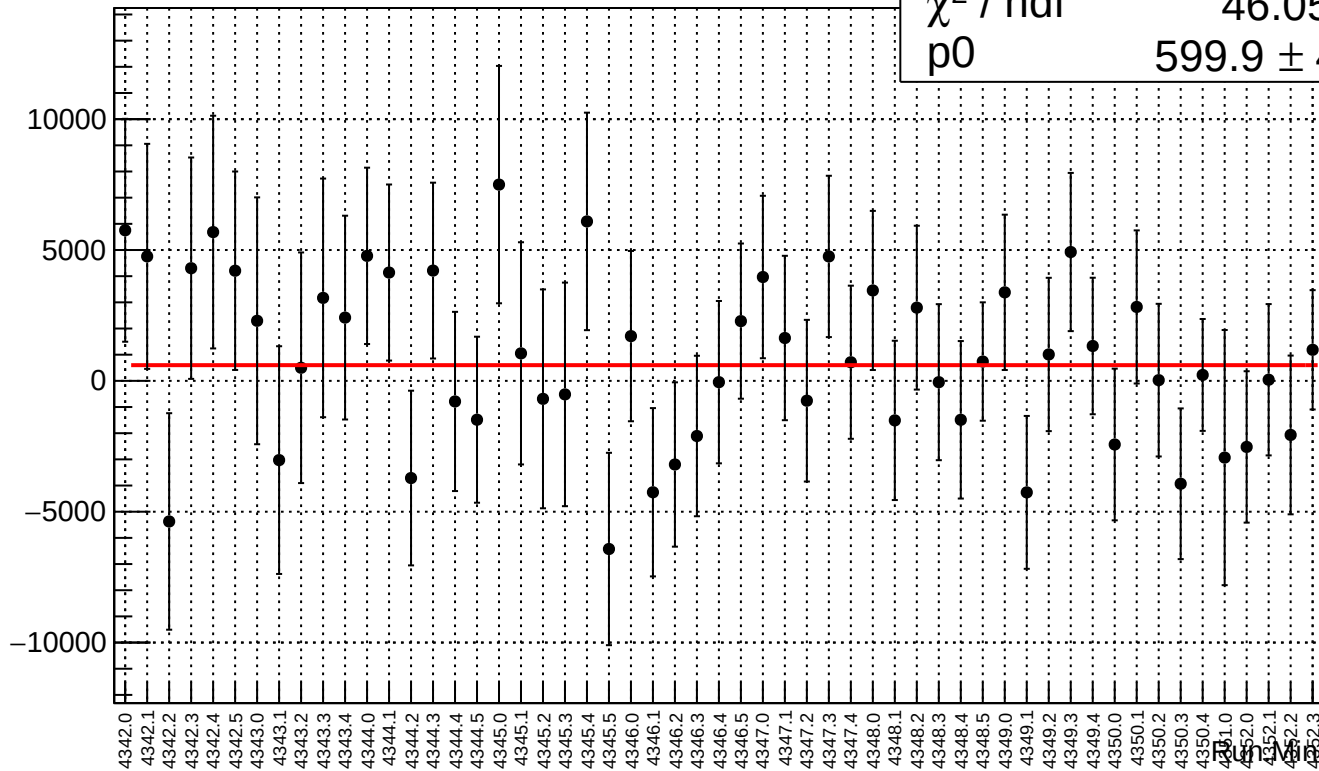


reg_asym_sam5.mean/ppb

χ^2 / ndf
p0

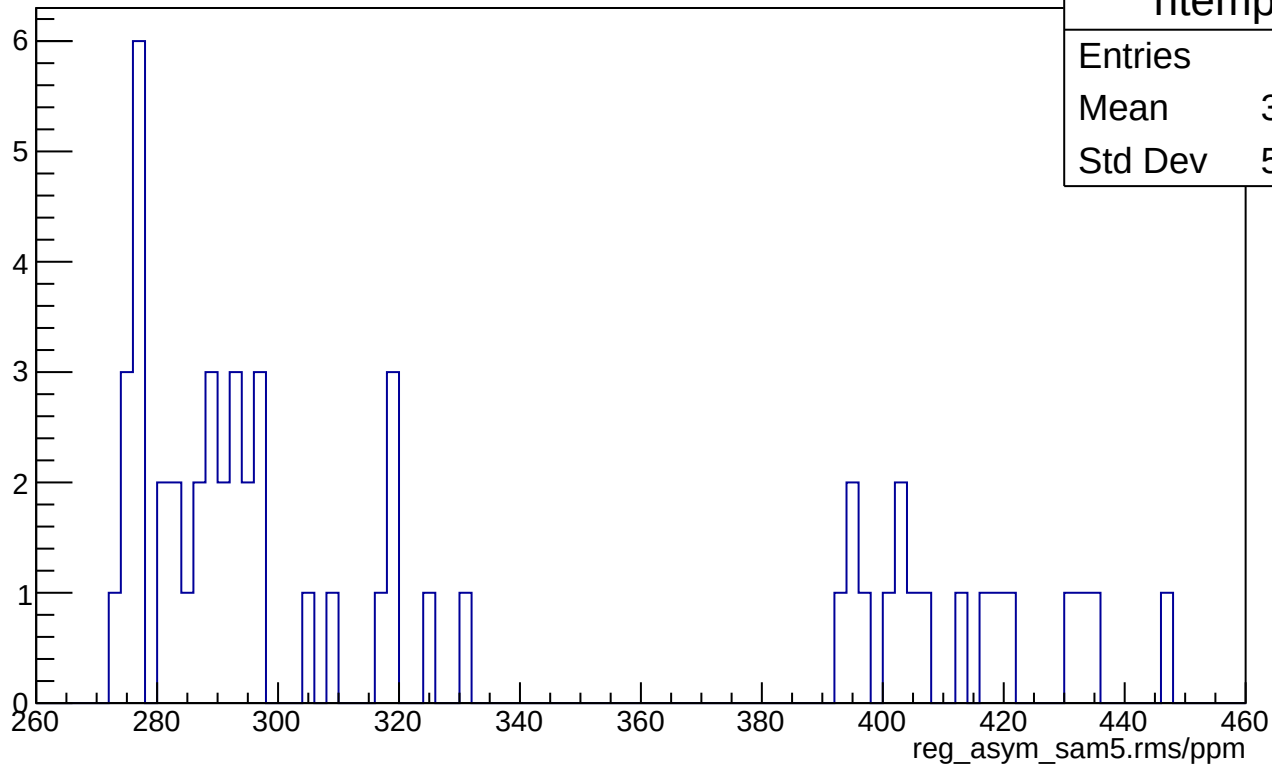
46.05 / 54

599.9 ± 436.1

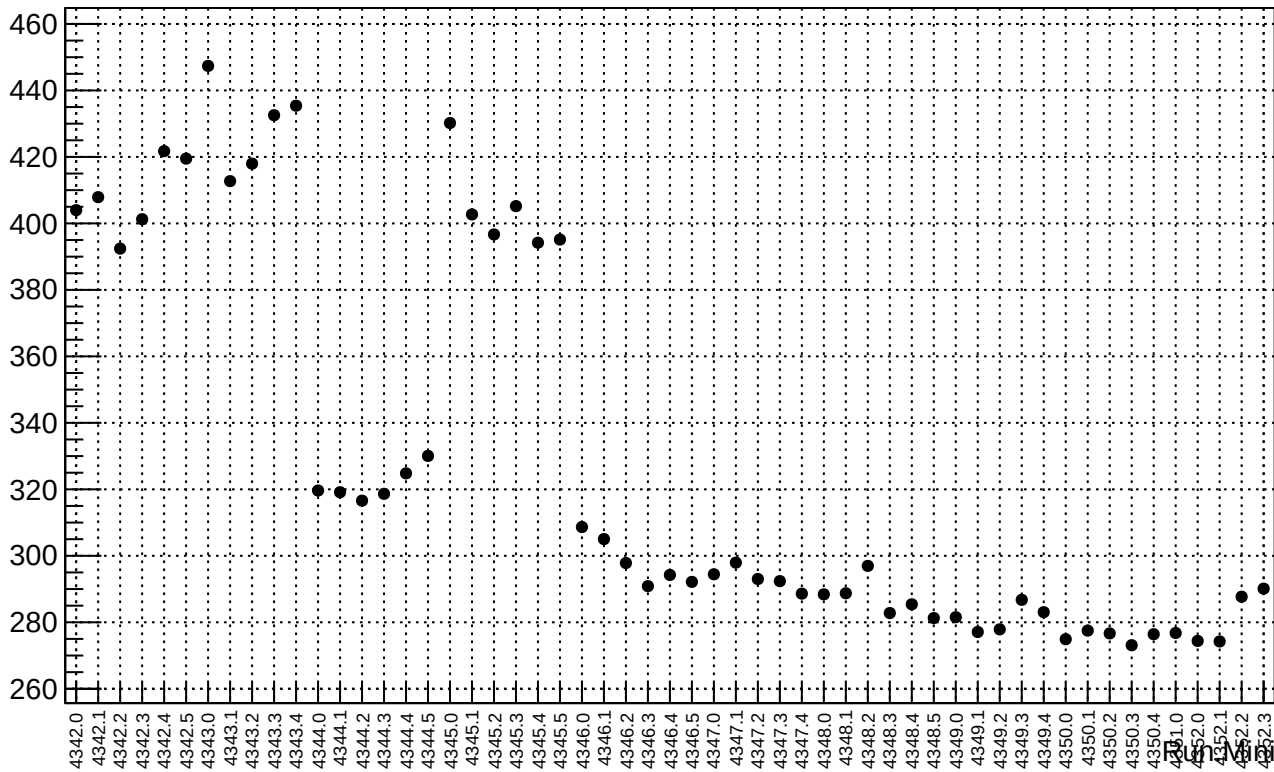


Run 33

reg_asym_sam5.rms/ppm



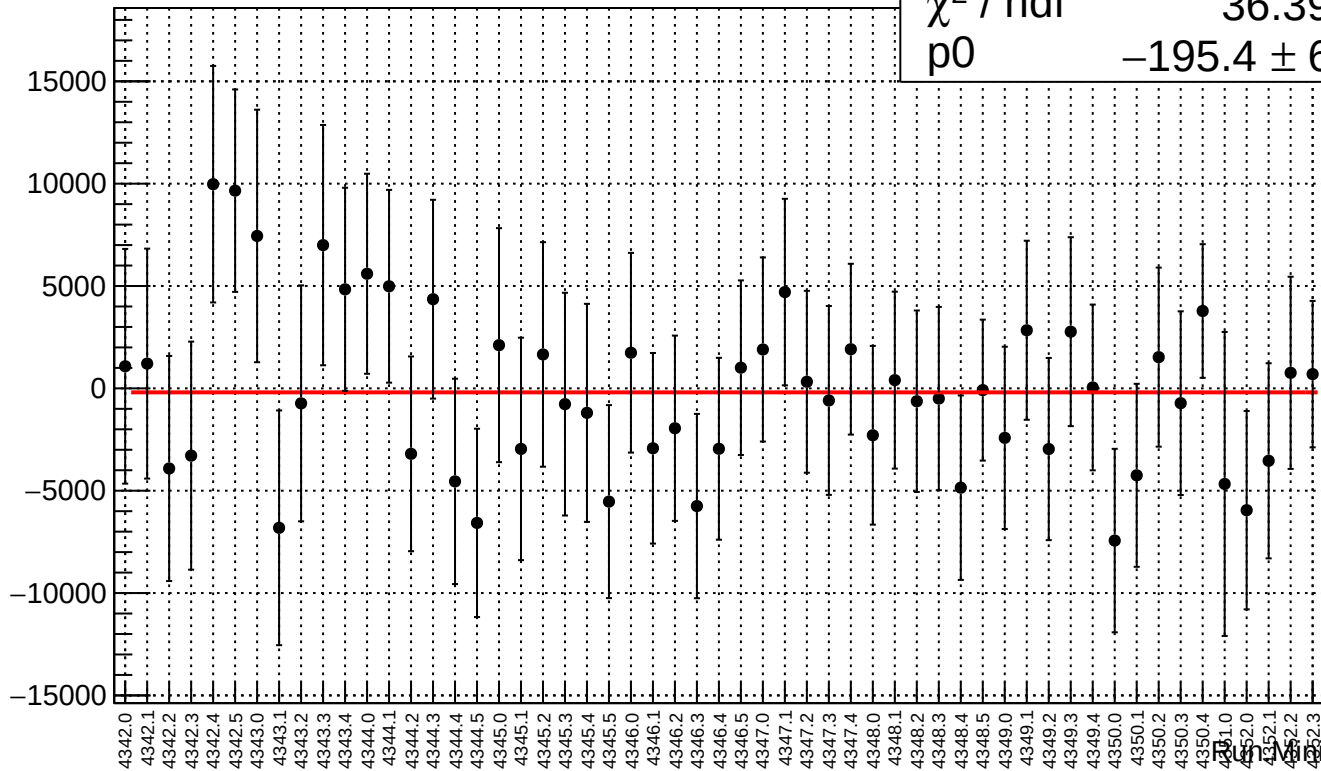
reg_asym_sam5.rms/ppm



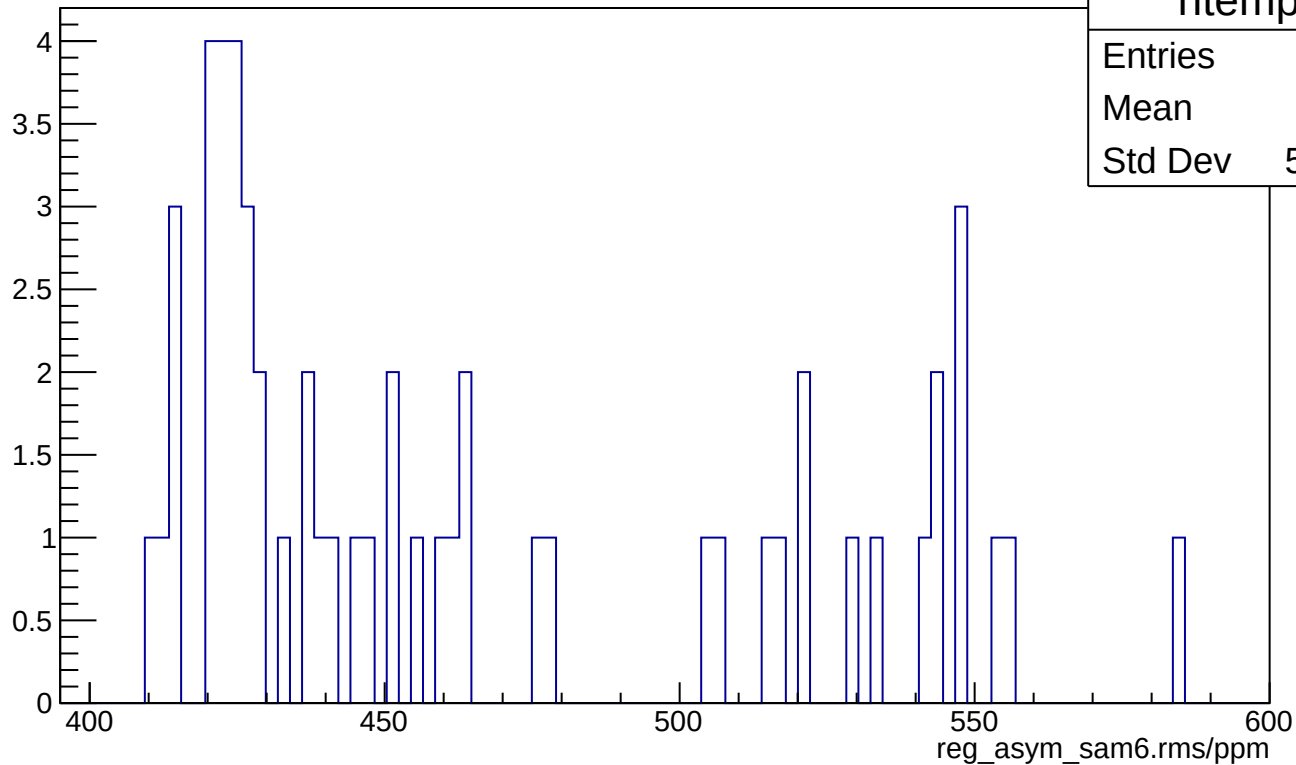
reg_asym_sam6.mean/ppb

χ^2 / ndf
p0

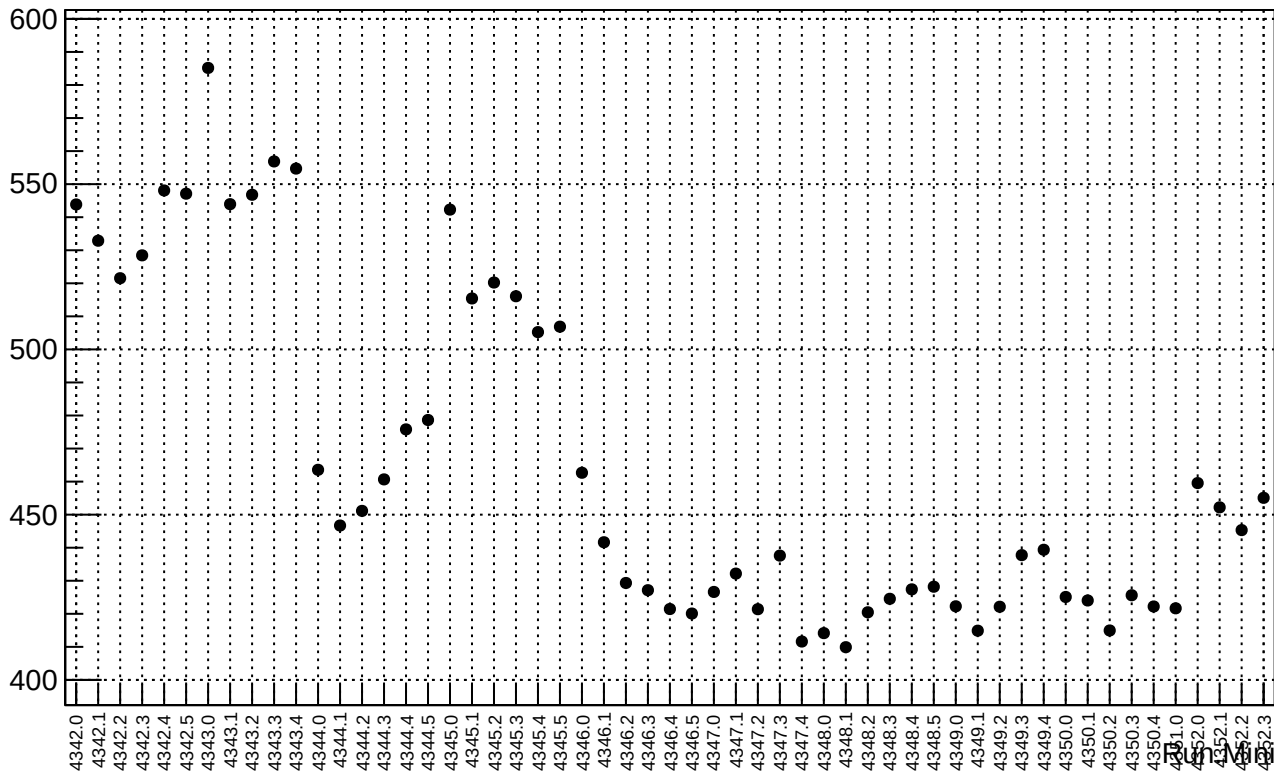
36.39 / 54
 -195.4 ± 632.8



reg_asym_sam6.rms/ppm



reg_asym_sam6.rms/ppm

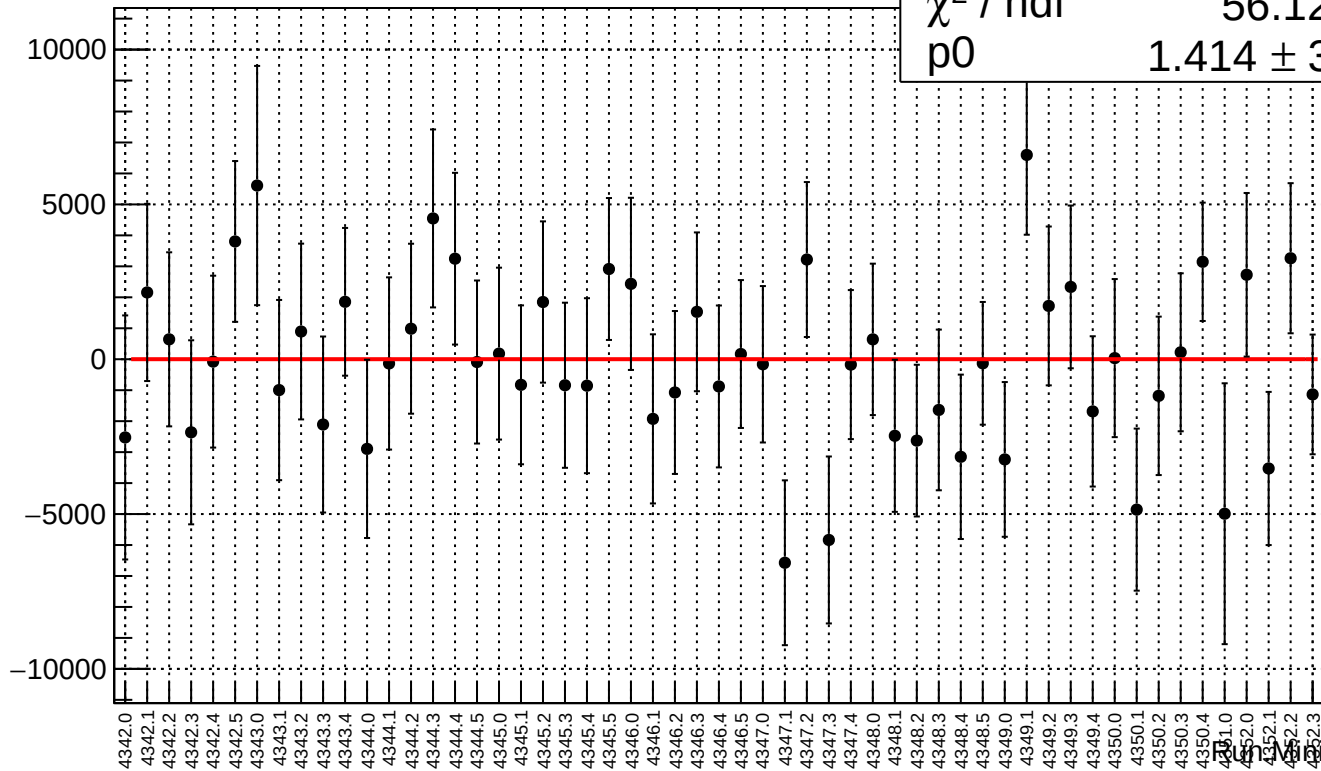


reg_asym_sam7.mean/ppb

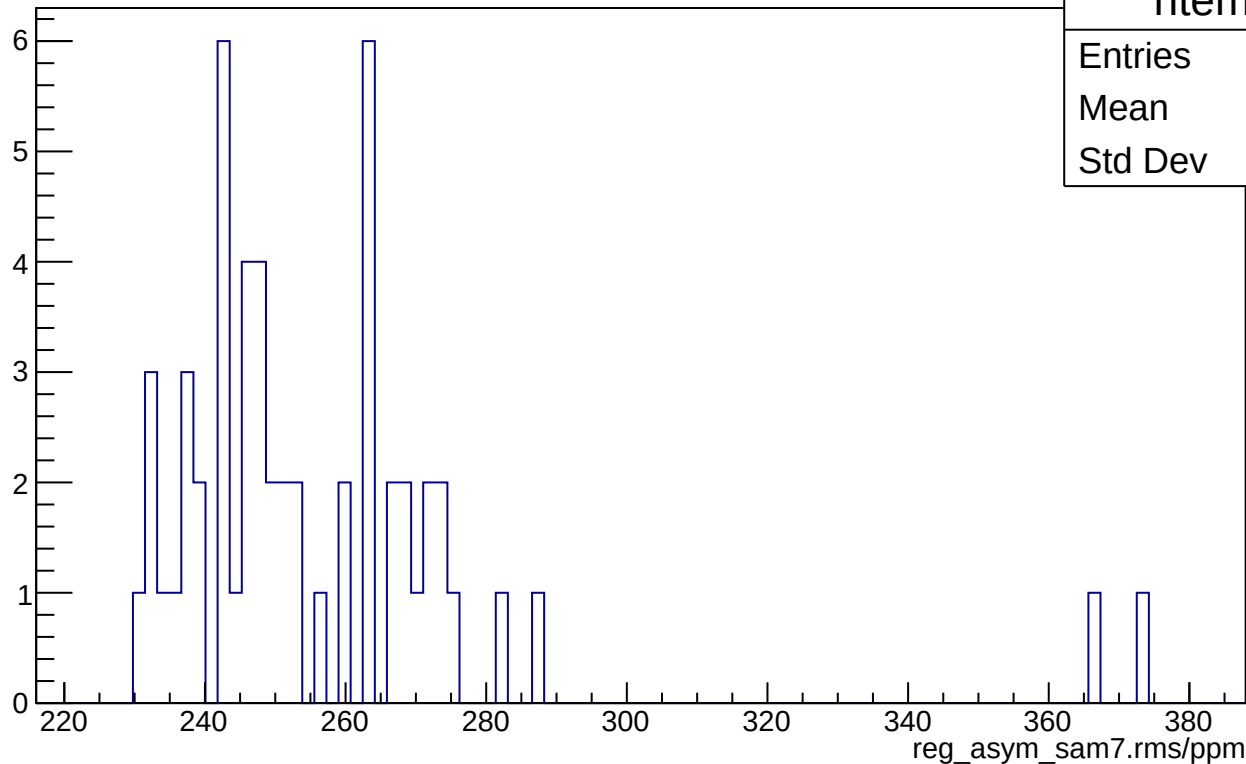
χ^2 / ndf
p0

56.12 / 54

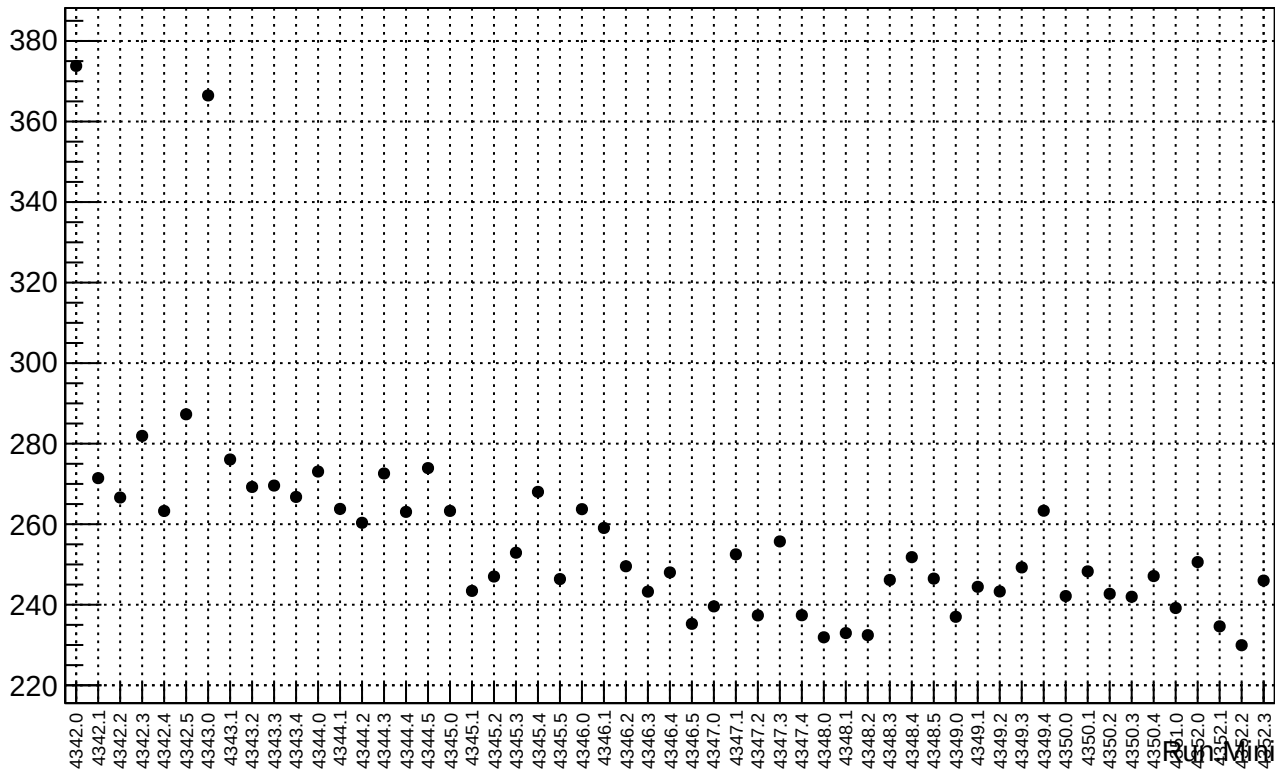
1.414 ± 350.7



reg_asym_sam7.rms/ppm



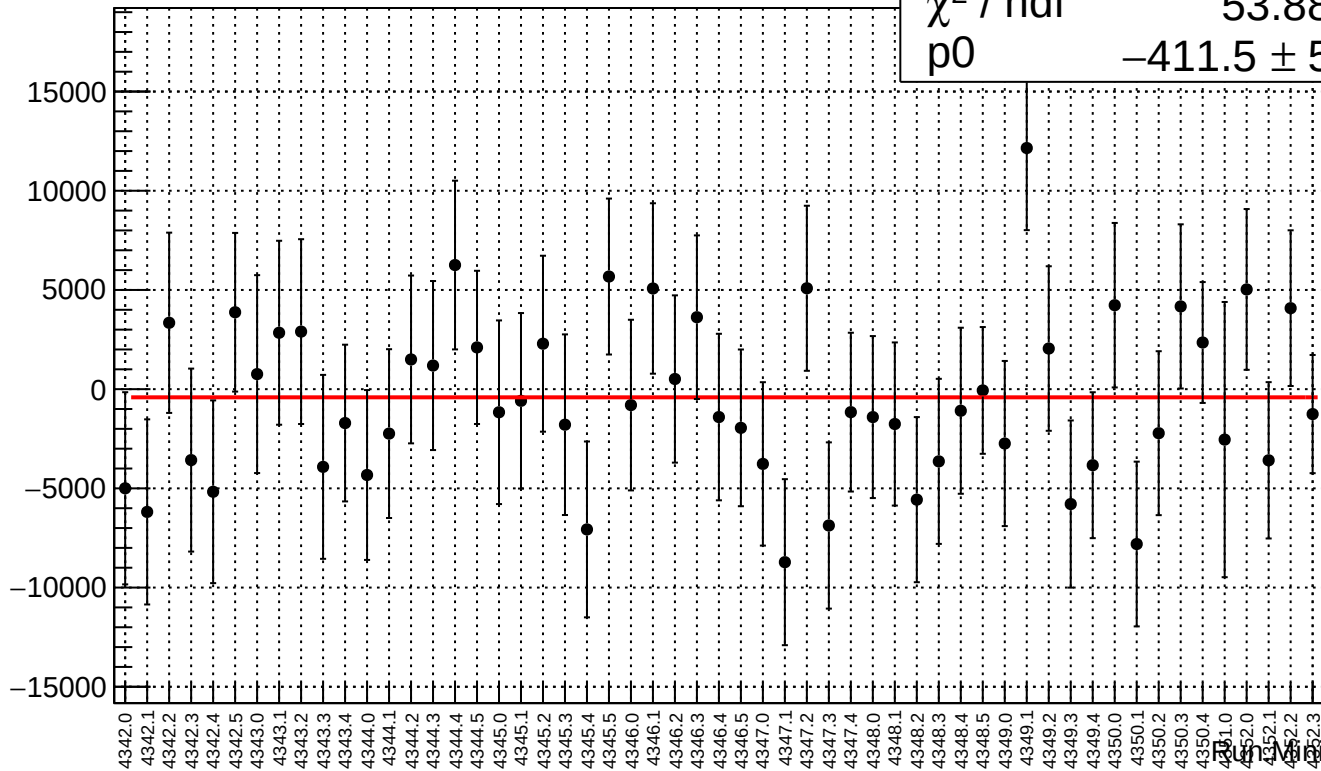
reg_asym_sam7.rms/ppm



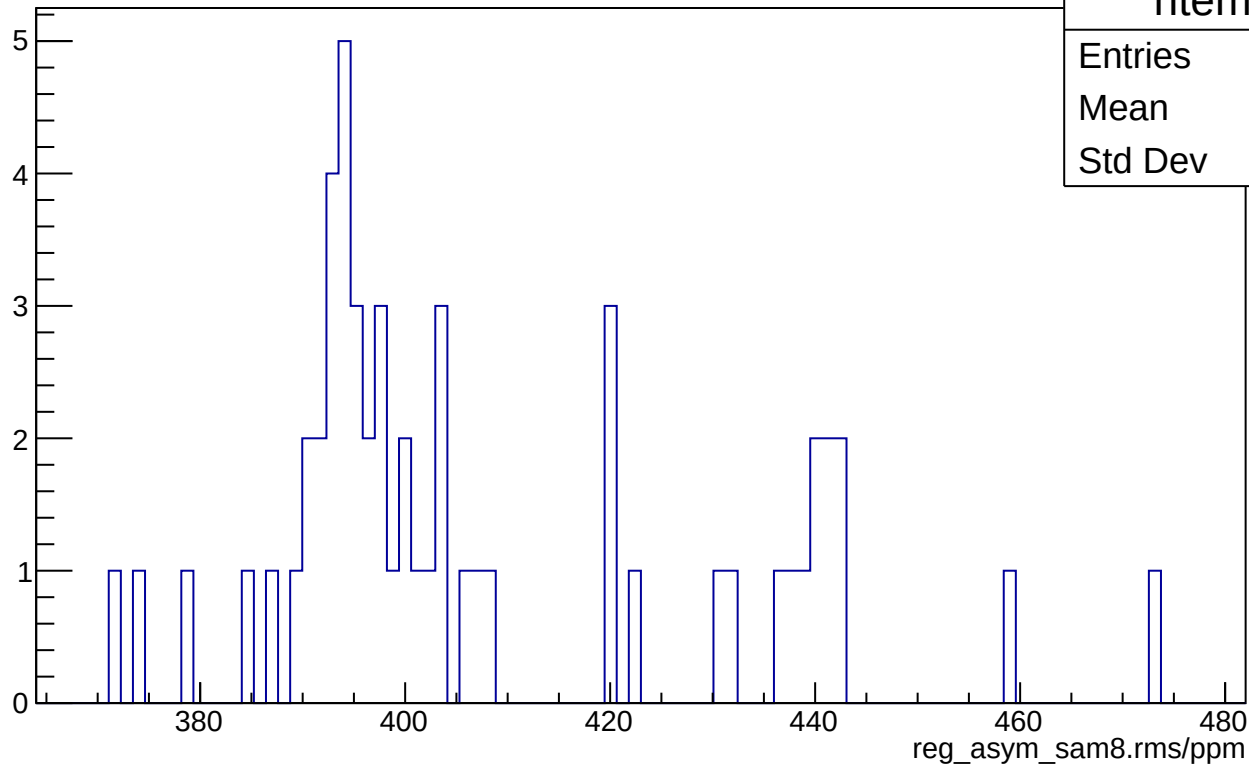
reg_asym_sam8.mean/ppb

χ^2 / ndf
p0

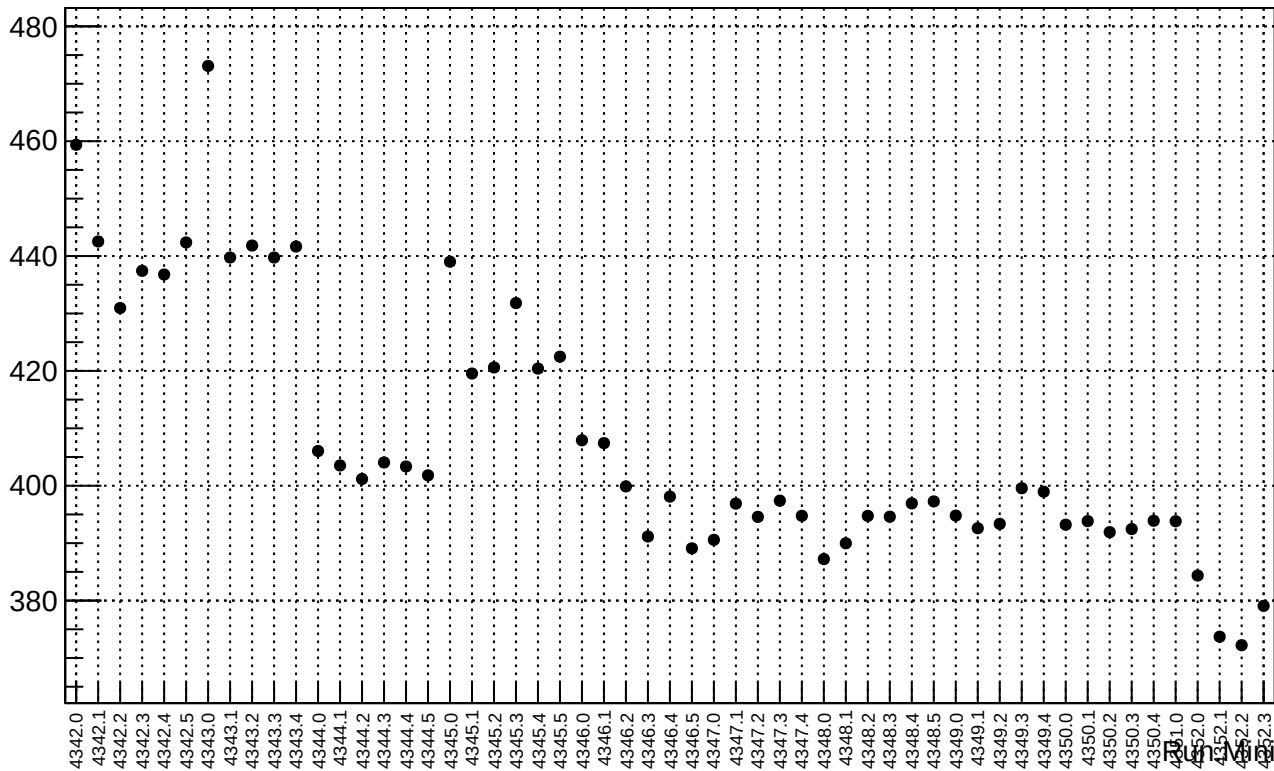
53.88 / 54
 -411.5 ± 559.9



reg_asym_sam8.rms/ppm



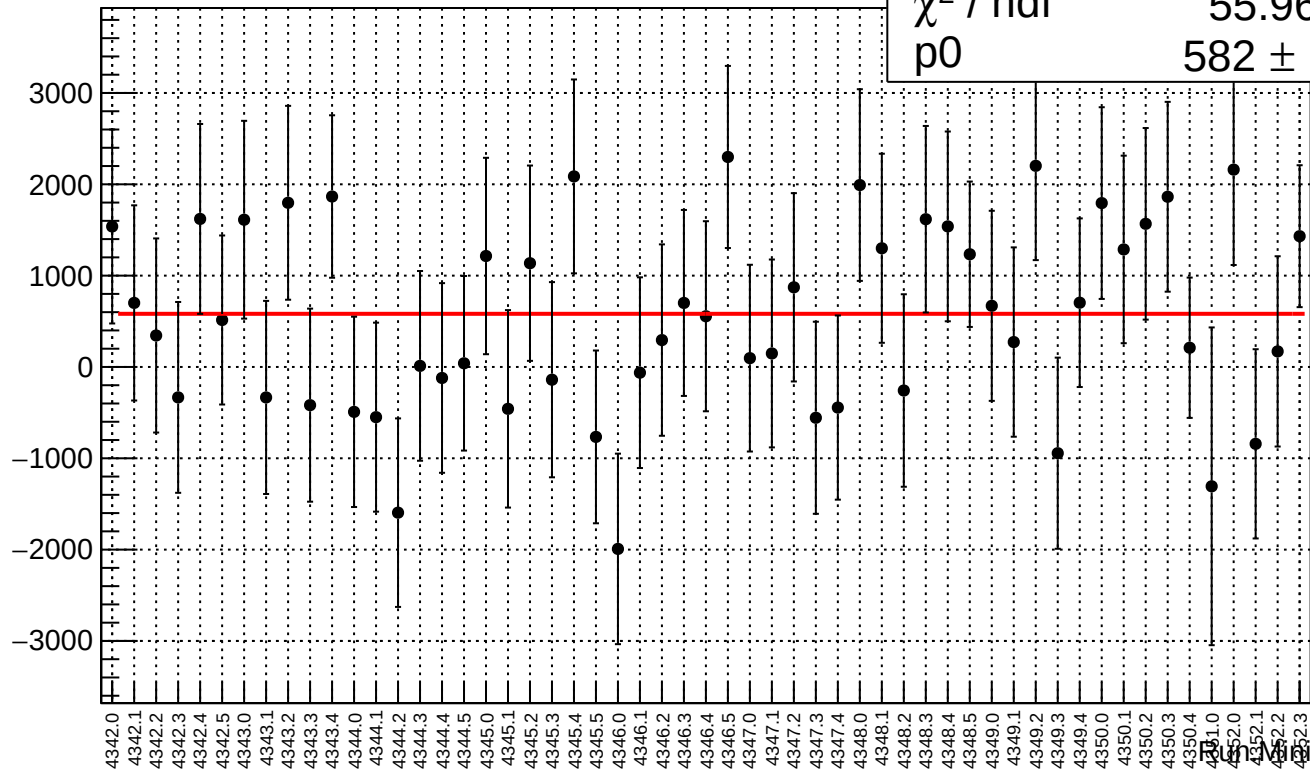
reg_asym_sam8.rms/ppm



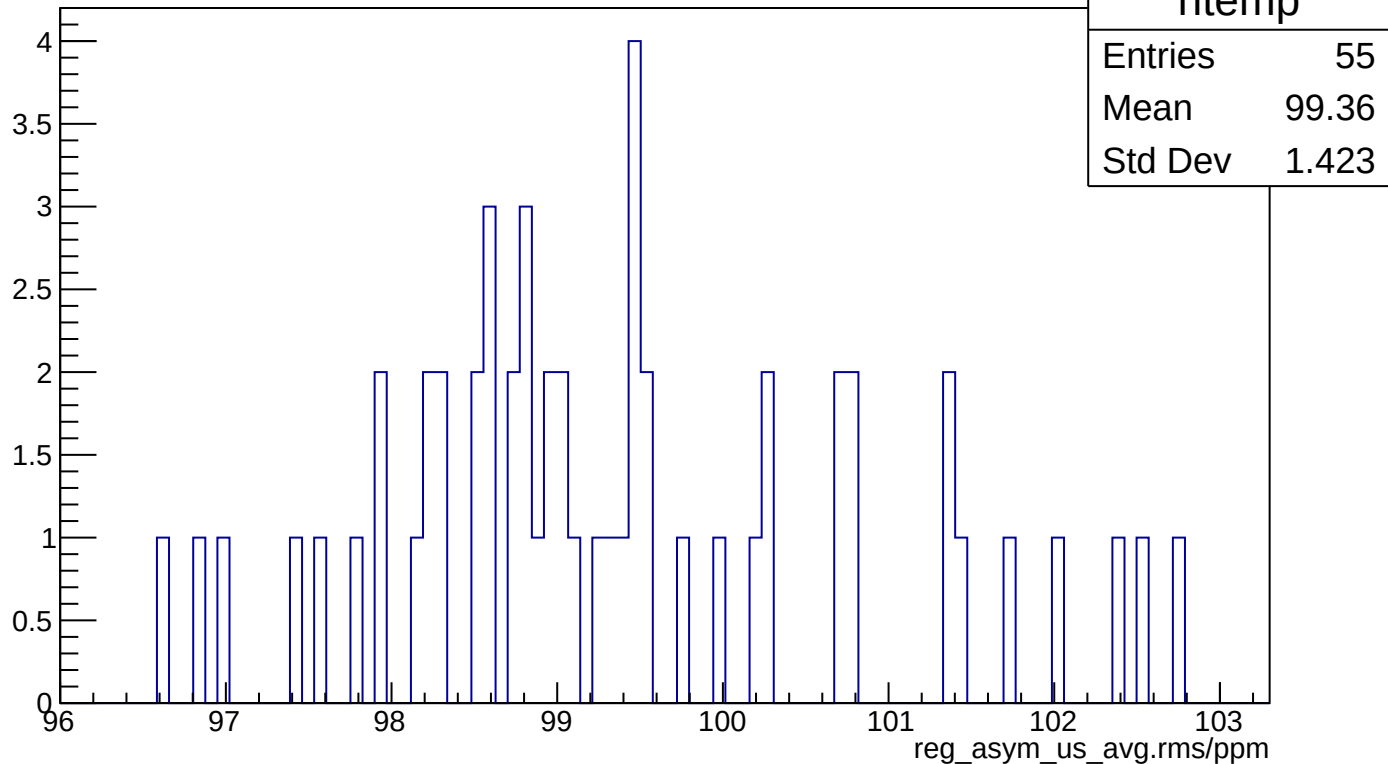
reg_asym_us_avg.mean/ppb

χ^2 / ndf
p0

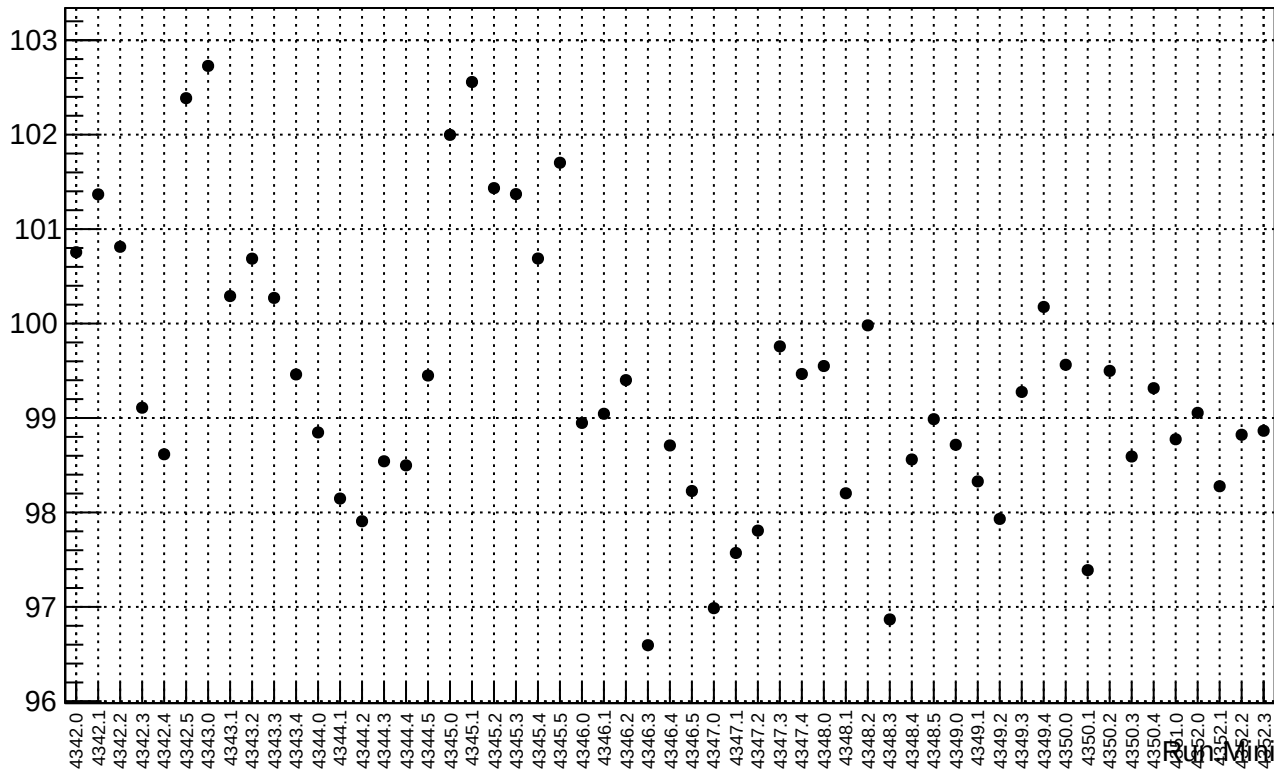
55.96 / 54
 582 ± 137



reg_asym_us_avg.rms/ppm



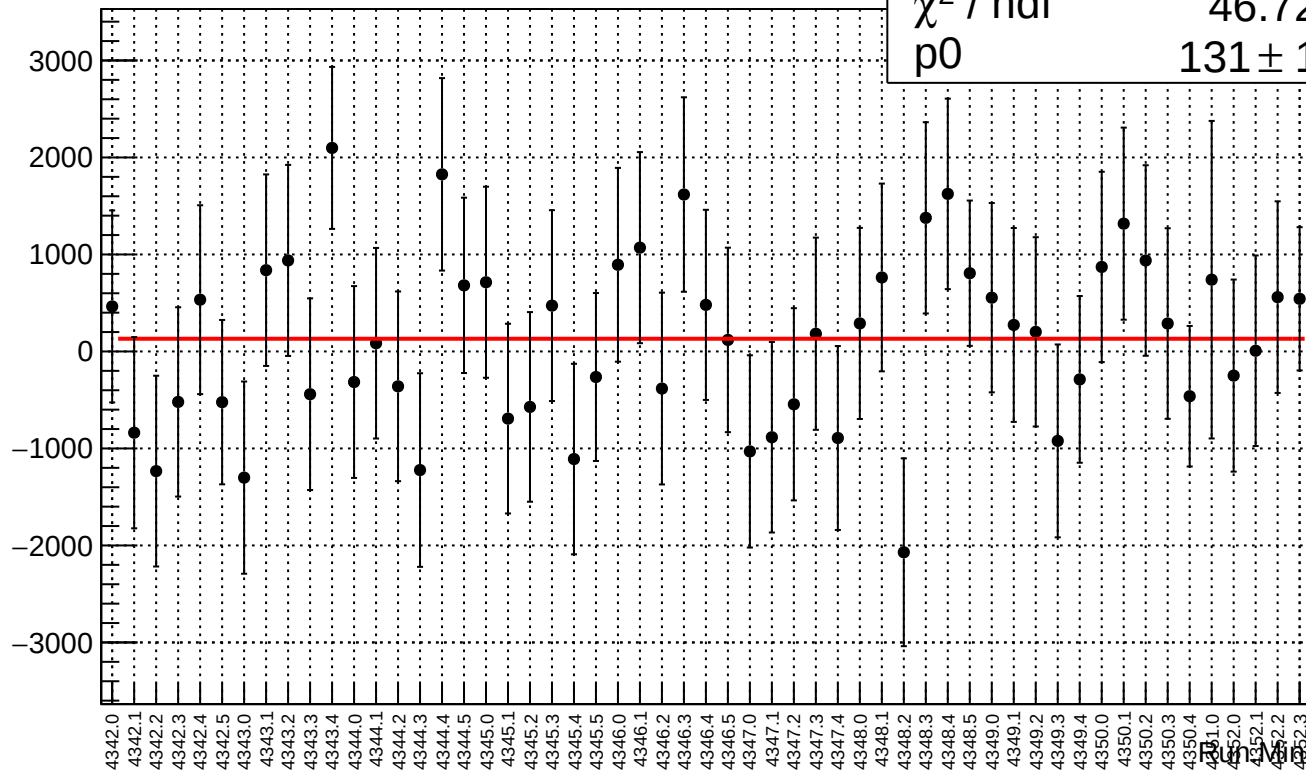
reg_asym_us_avg.rms/ppm



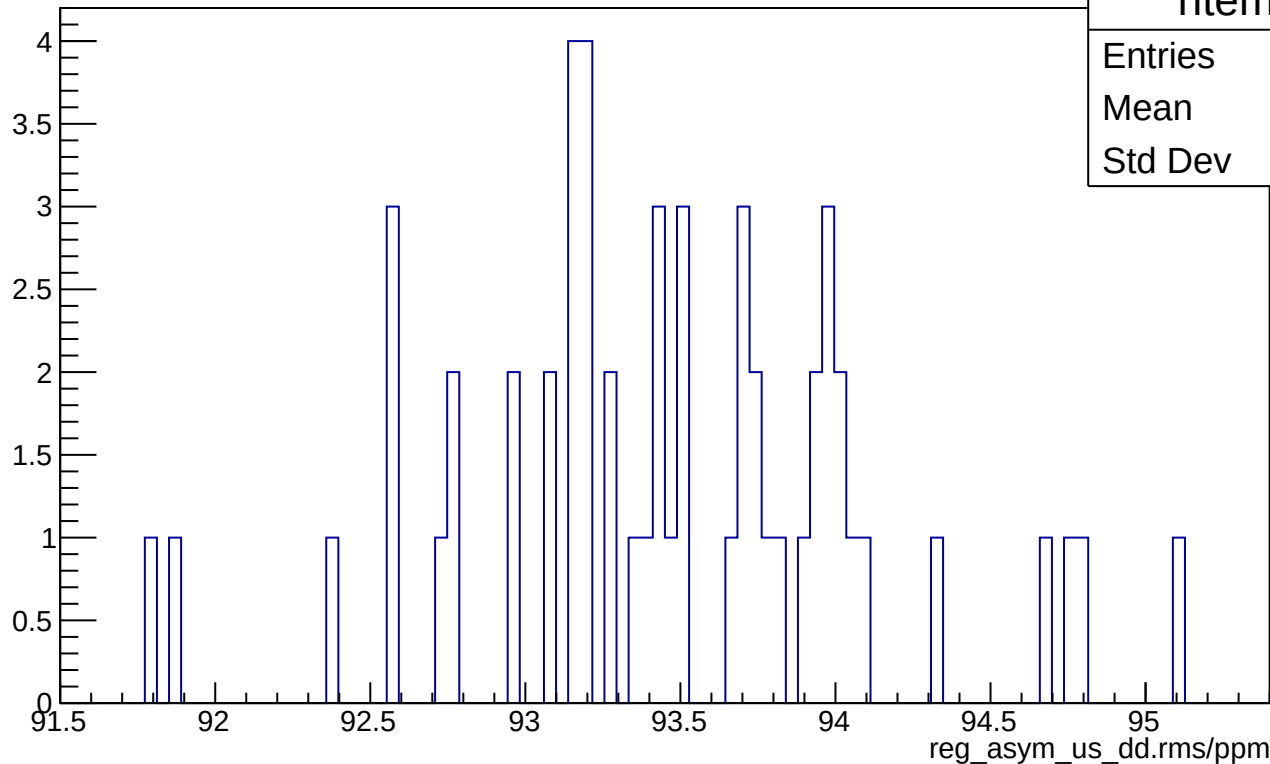
reg_asym_us_dd.mean/ppb

χ^2 / ndf
p0

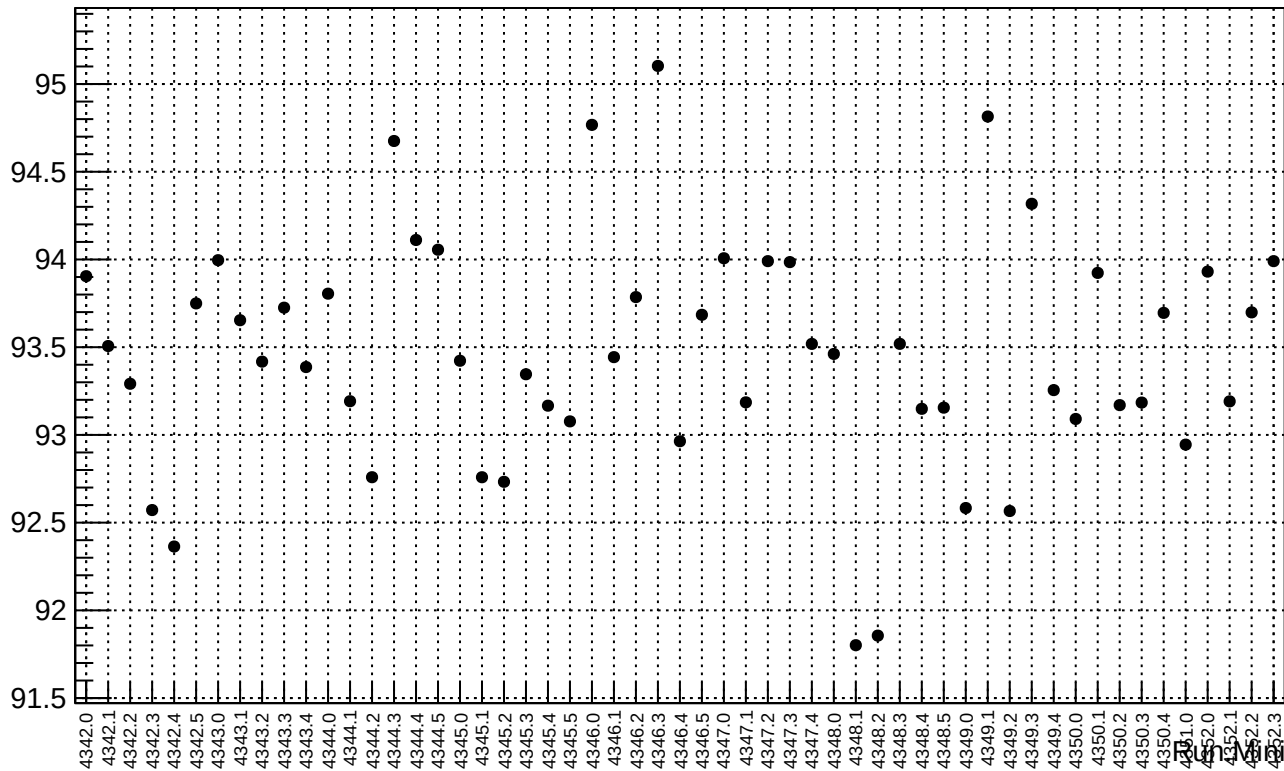
46.72 / 54
 131 ± 128.9



reg_asym_us_dd.rms/ppm



reg_asym_us_dd.rms/ppm



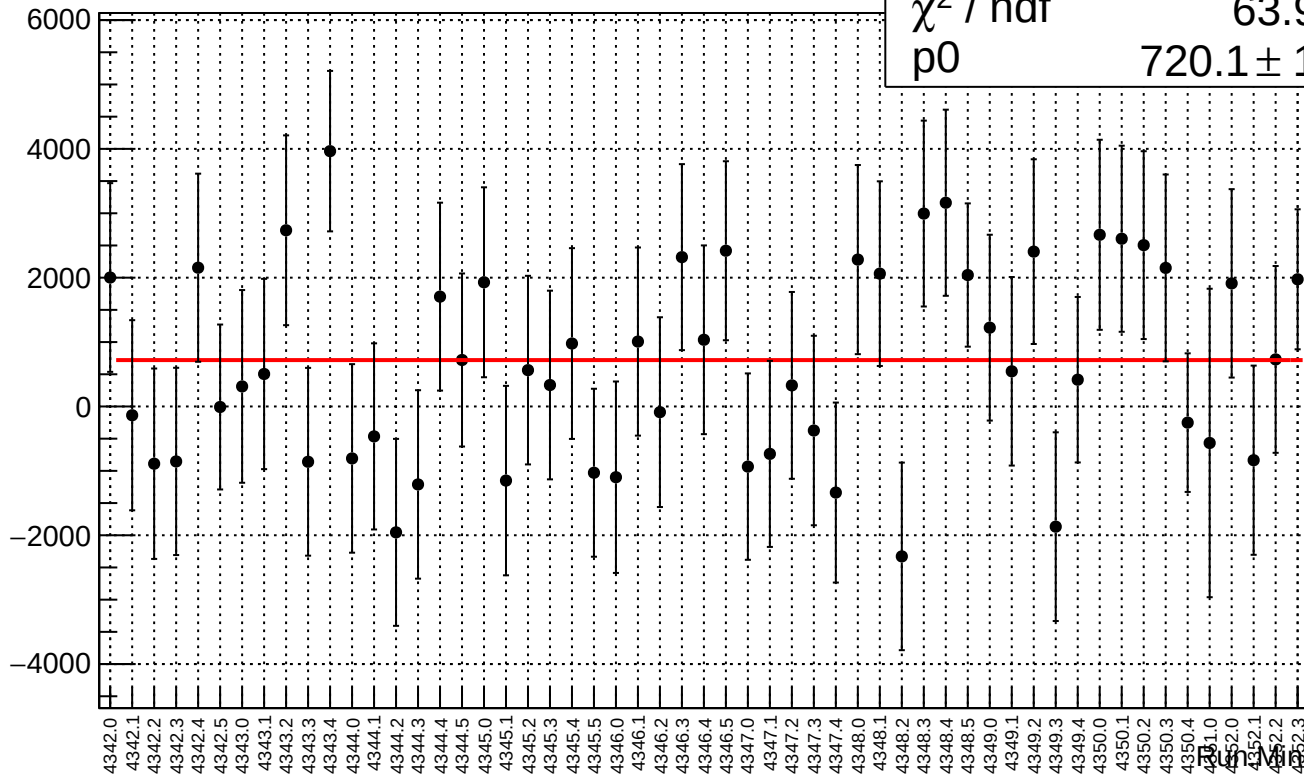
reg_asym_usl.mean/ppb

χ^2 / ndf

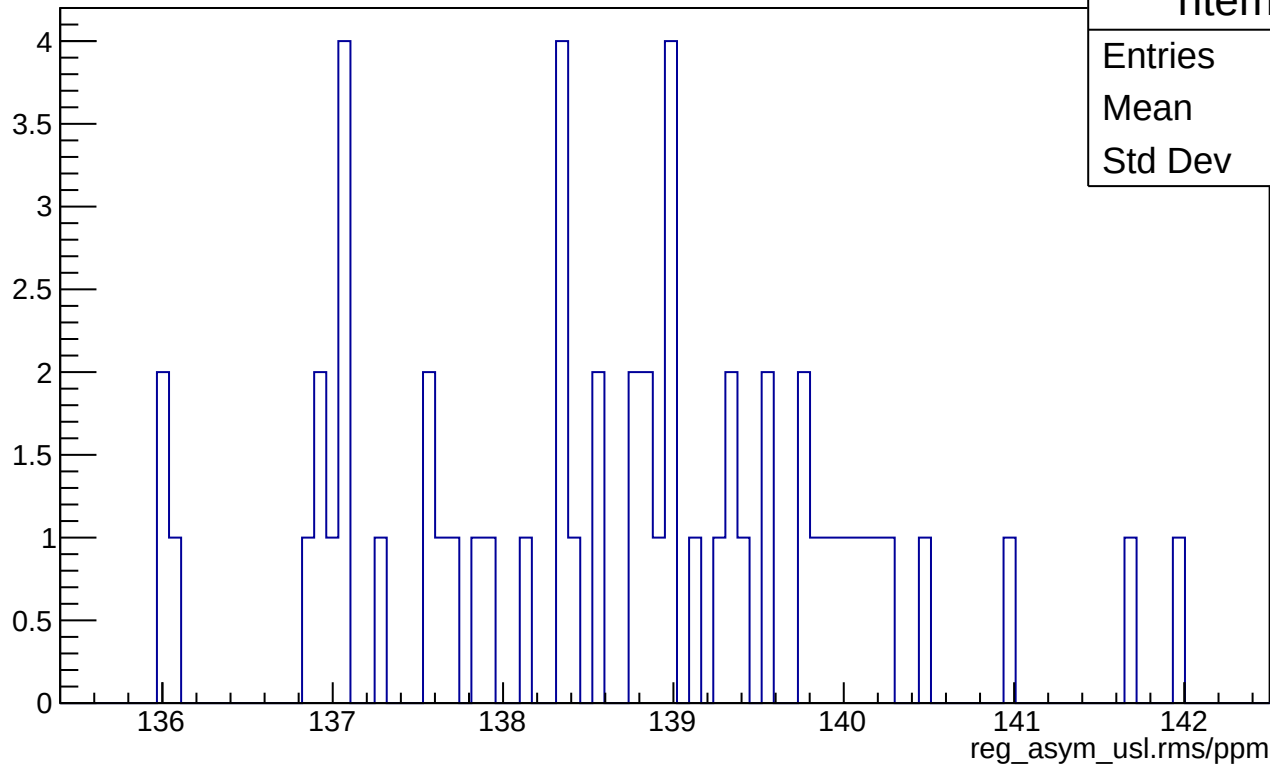
63.9 / 54

p0

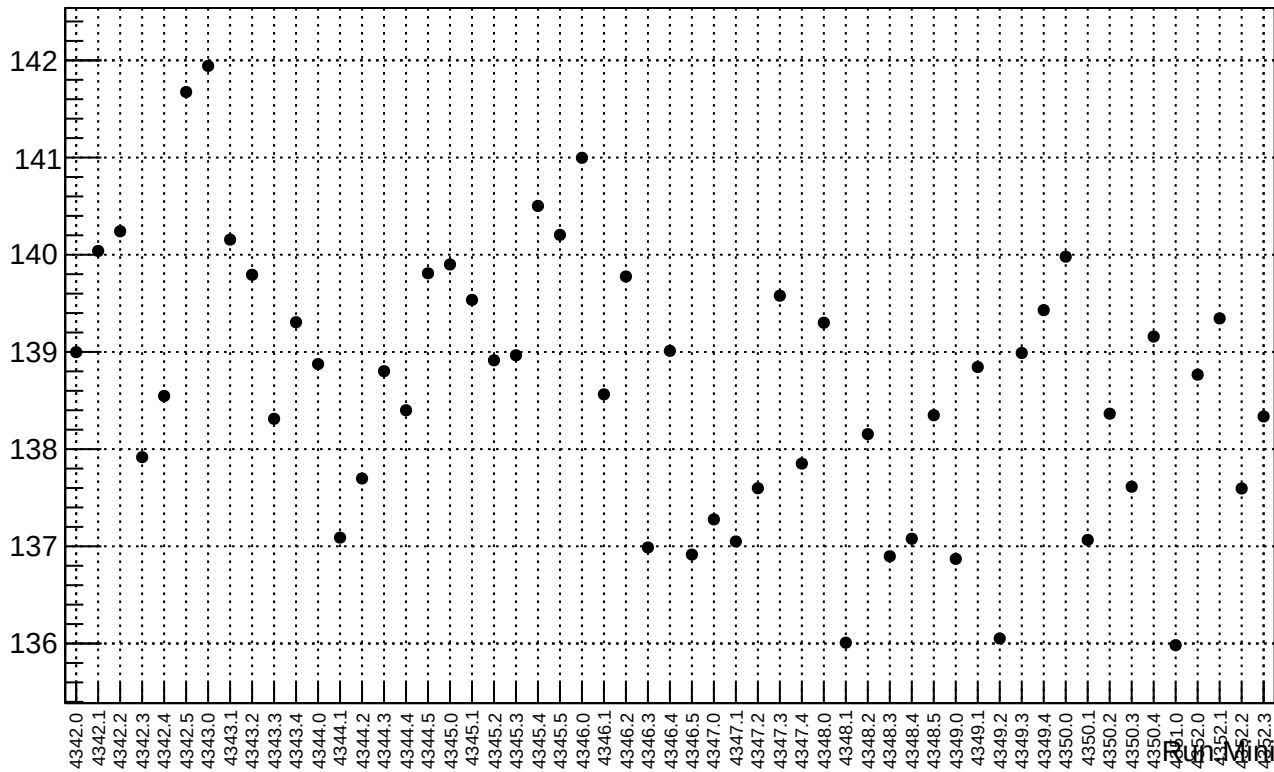
720.1 ± 191.2



reg_asym_usl.rms/ppm



reg_asym_usl.rms/ppm

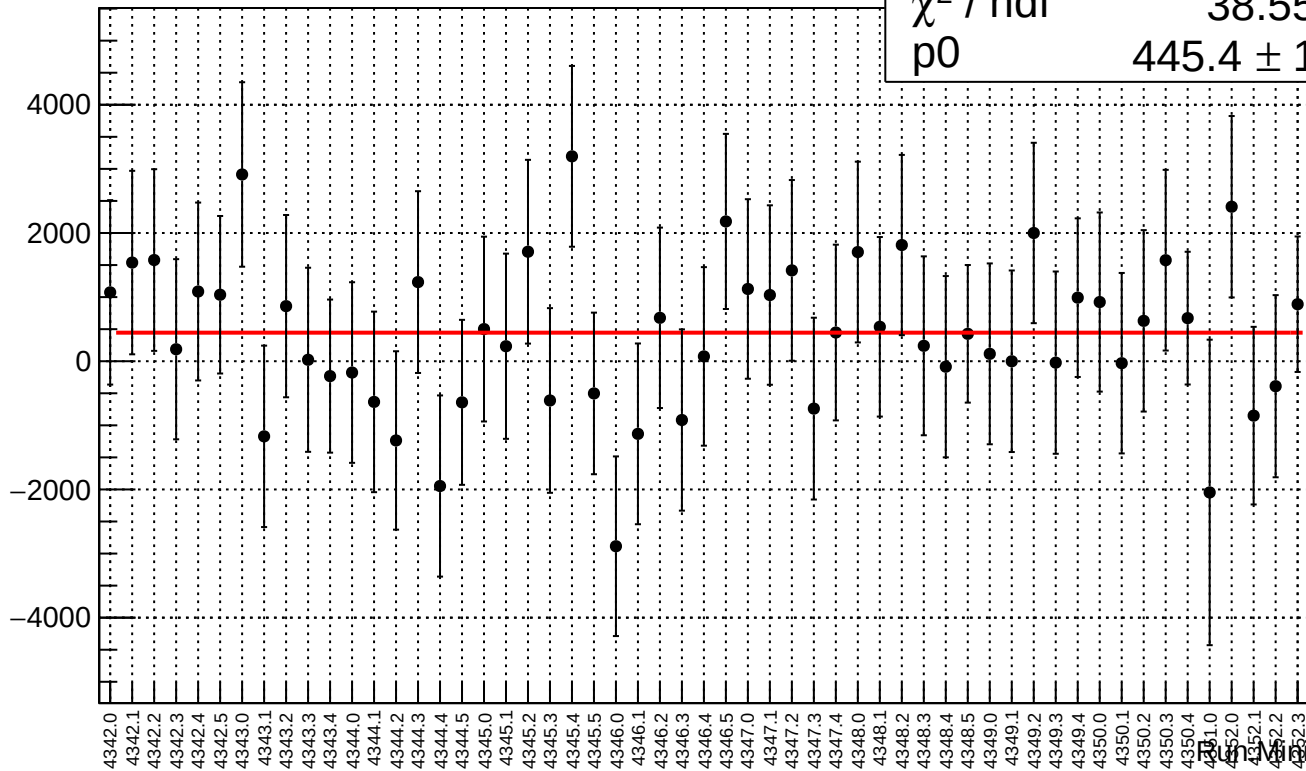


reg_asym_usr.mean/ppb

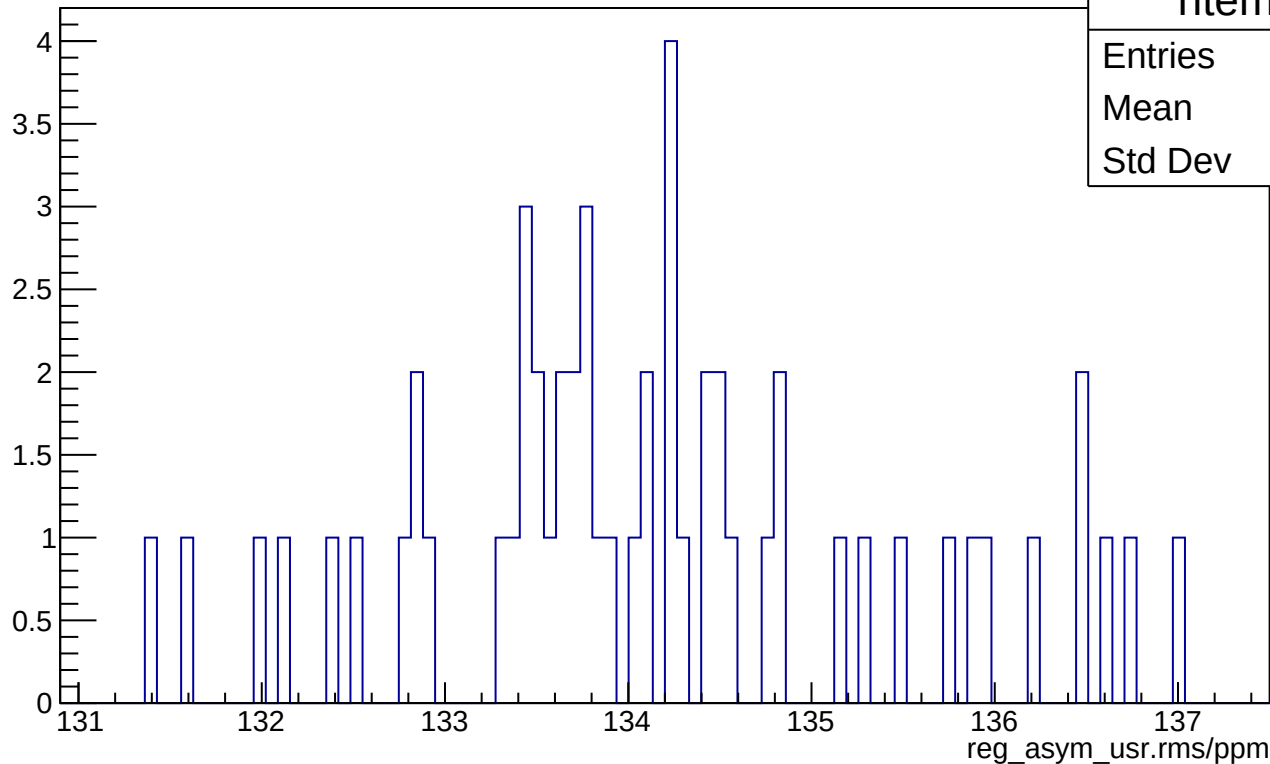
χ^2 / ndf
p0

38.55 / 54

445.4 ± 184.9



reg_asym_usr.rms/ppm



reg_asym_usr.rms/ppm

