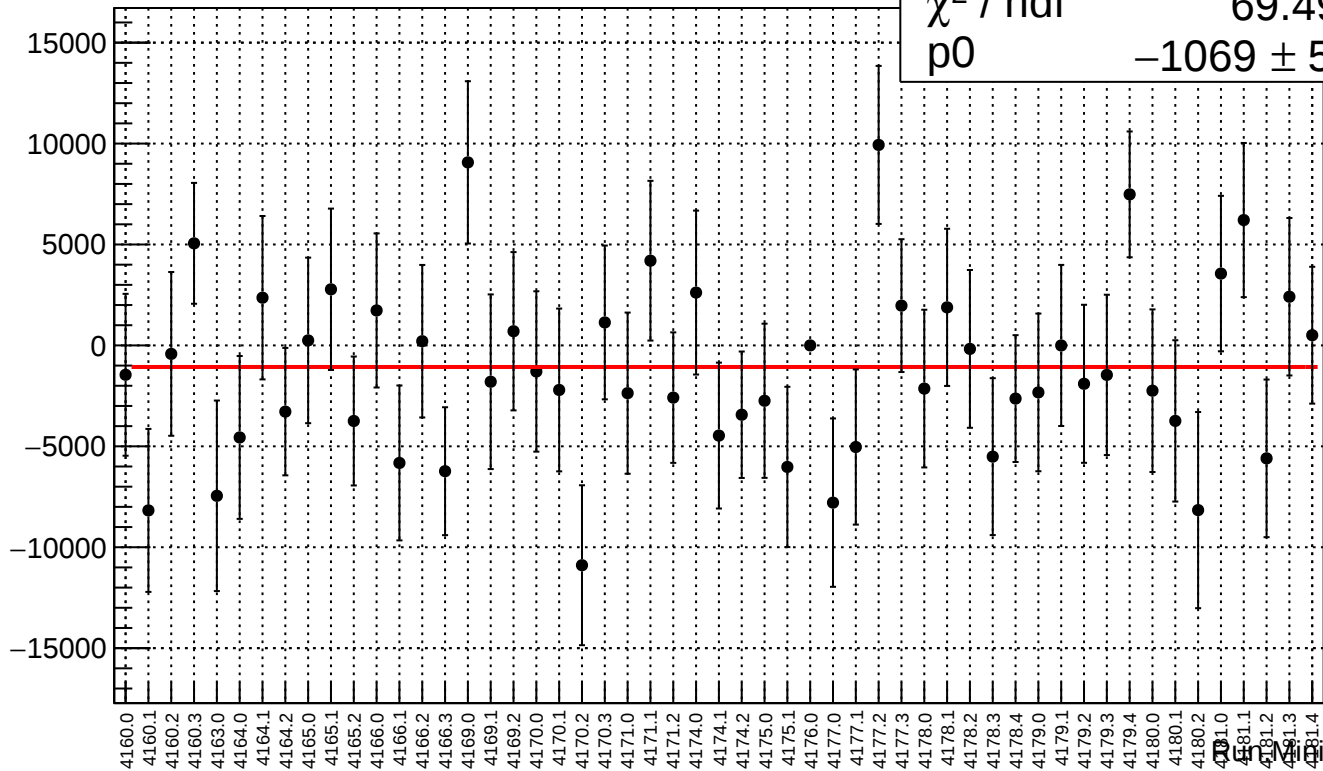


asym_at1_avg.mean/ppb

χ^2 / ndf
p0

69.49 / 51

-1069 ± 523.5



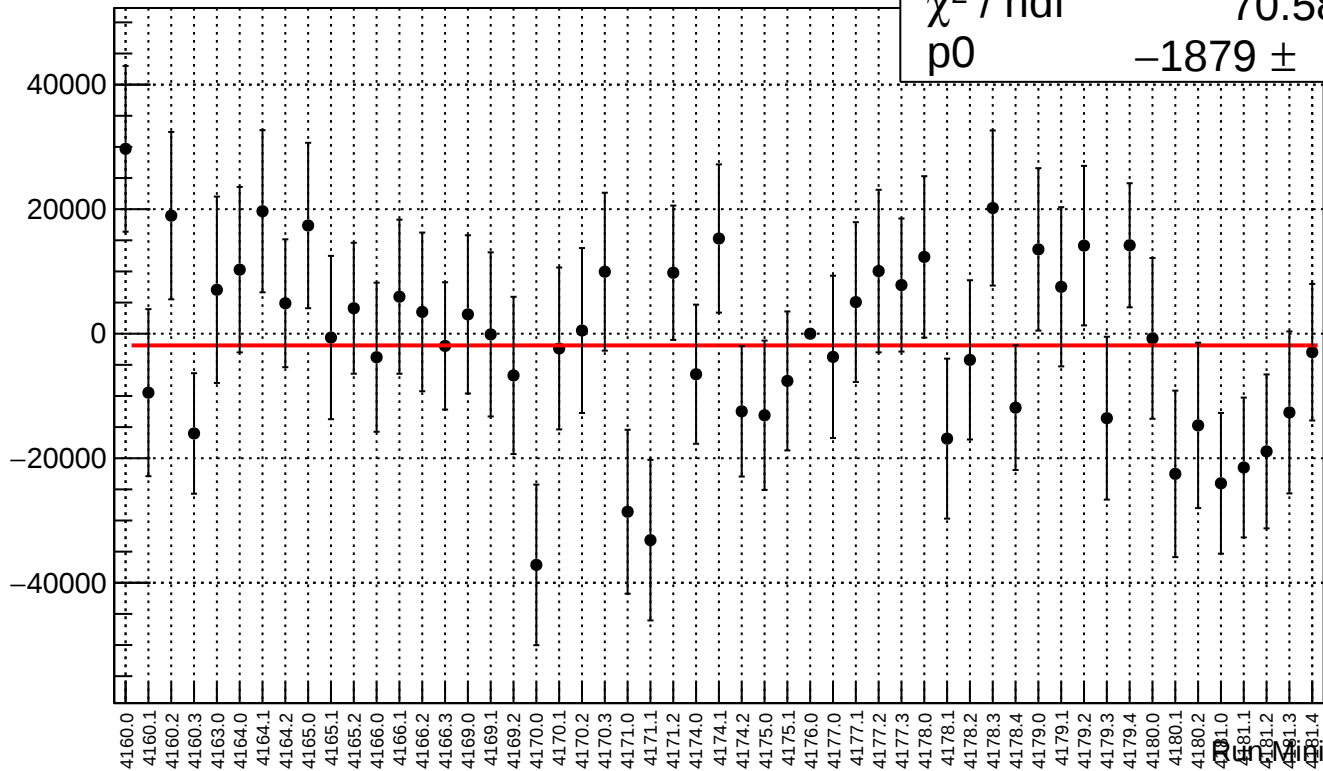
asym_at1_dd.mean/ppb

χ^2 / ndf

70.58 / 51

p0

-1879 ± 1683



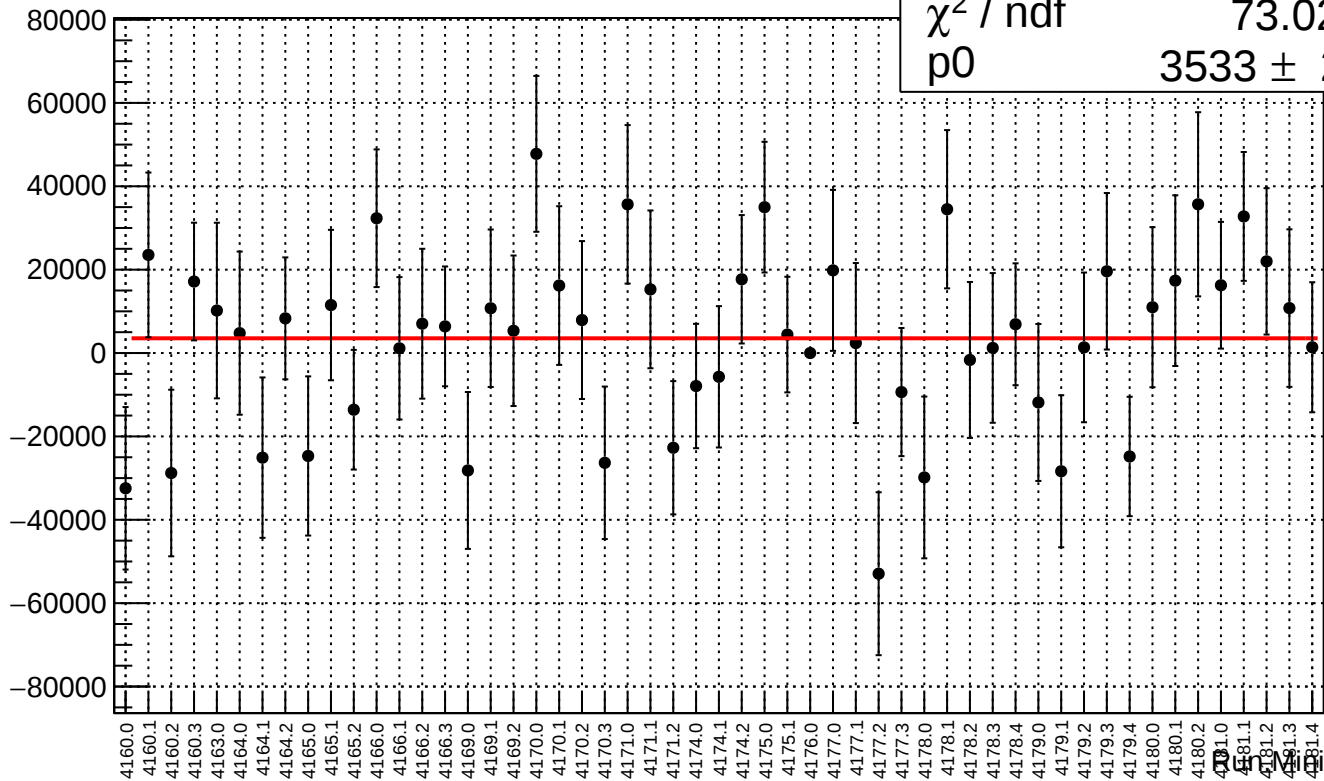
asym_at2_avg.mean/ppb

χ^2 / ndf

73.02 / 51

p0

3533 ± 2408

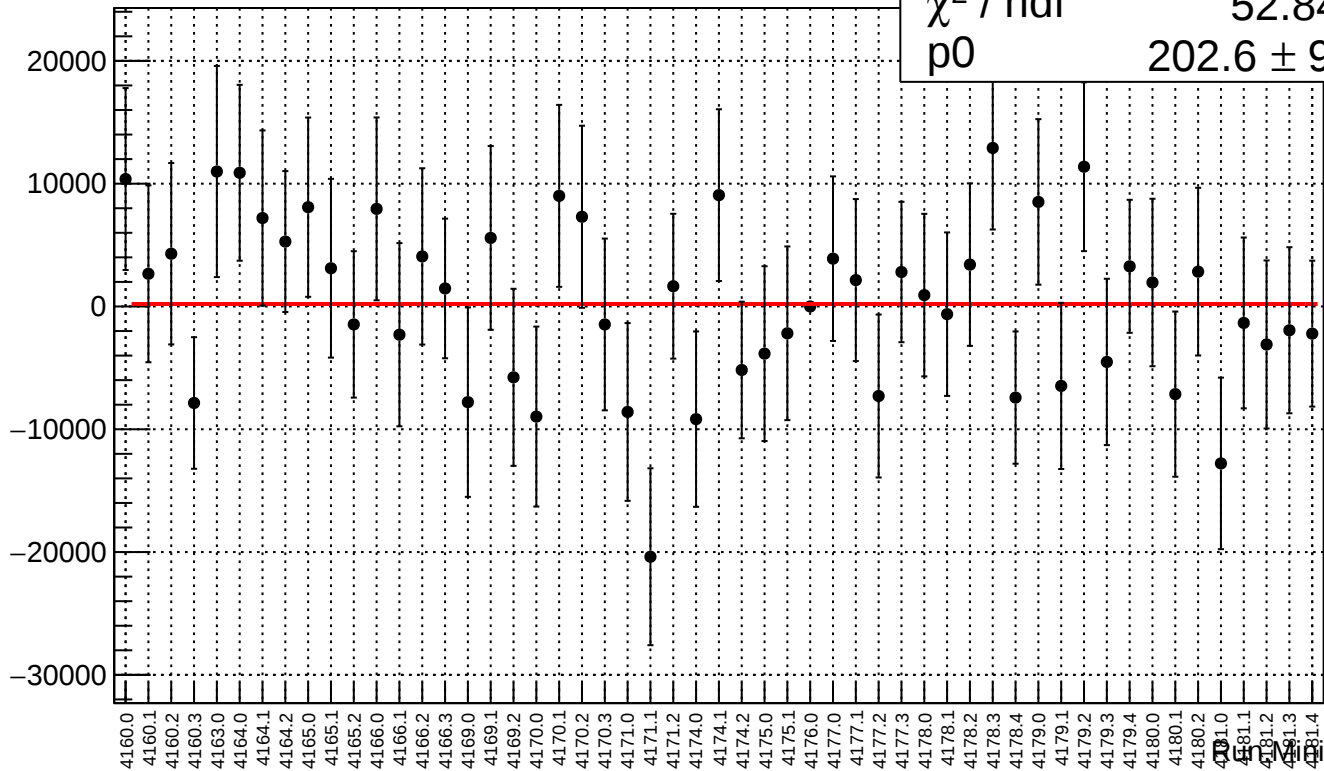


asym_at2_dd.mean/ppb

χ^2 / ndf
p0

52.84 / 51

202.6 ± 929.7

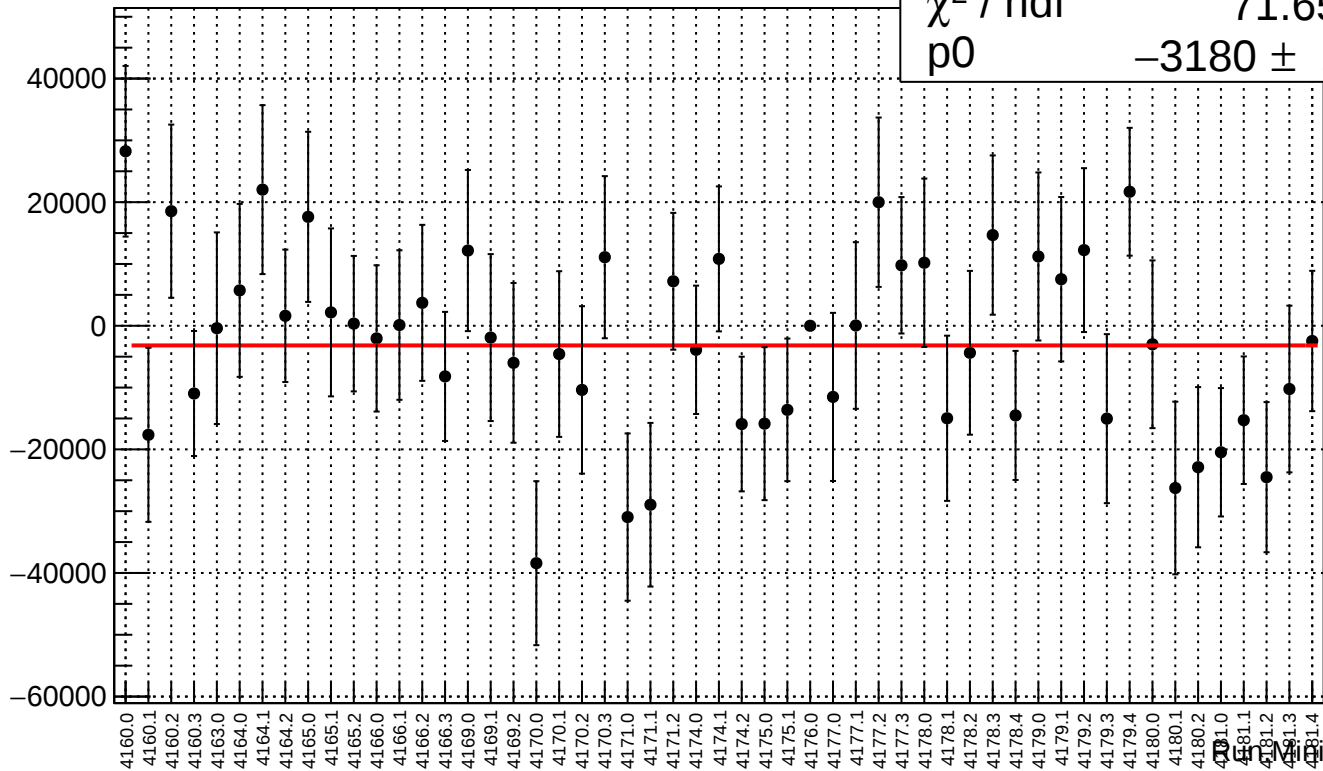


asym_atl1.mean/ppb

χ^2 / ndf
p0

71.65 / 51

-3180 ± 1720



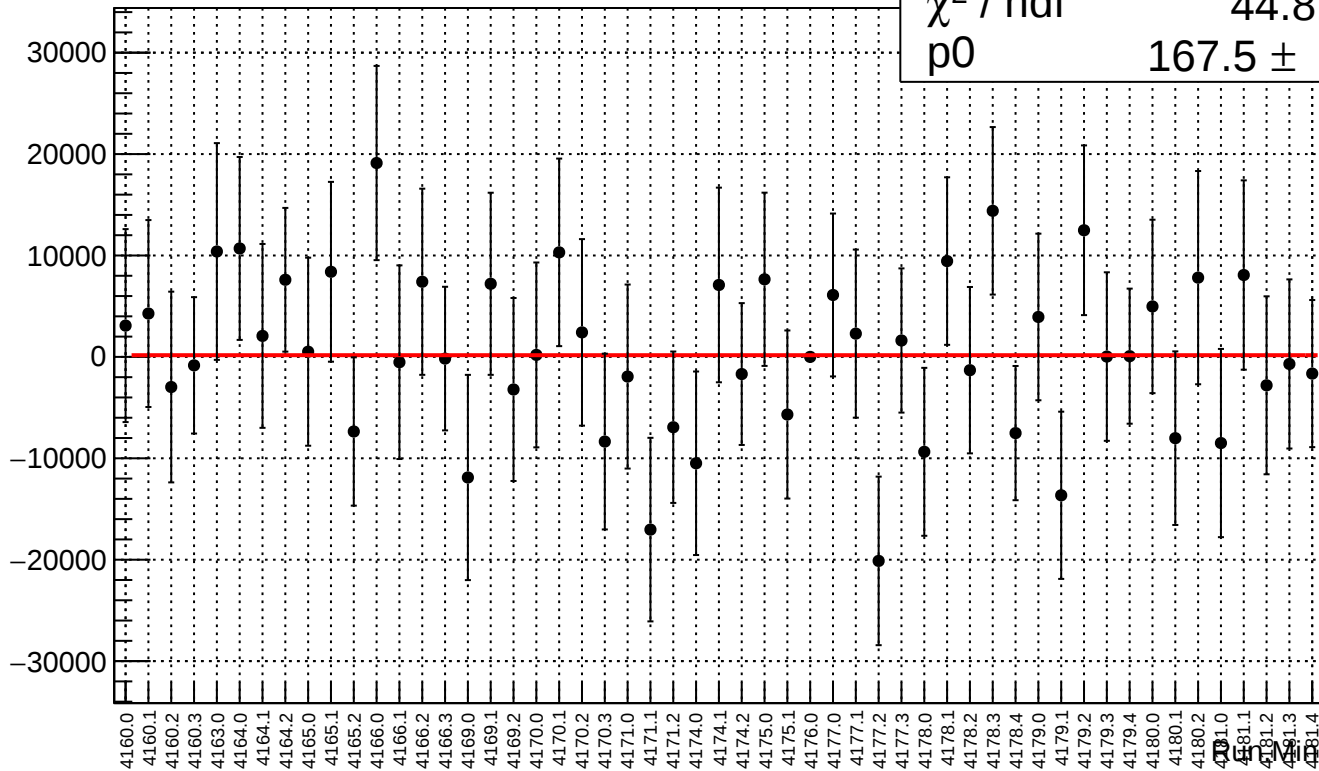
asym_atl1r2_avg.mean/ppb

χ^2 / ndf

44.81 / 51

p0

167.5 ± 1166

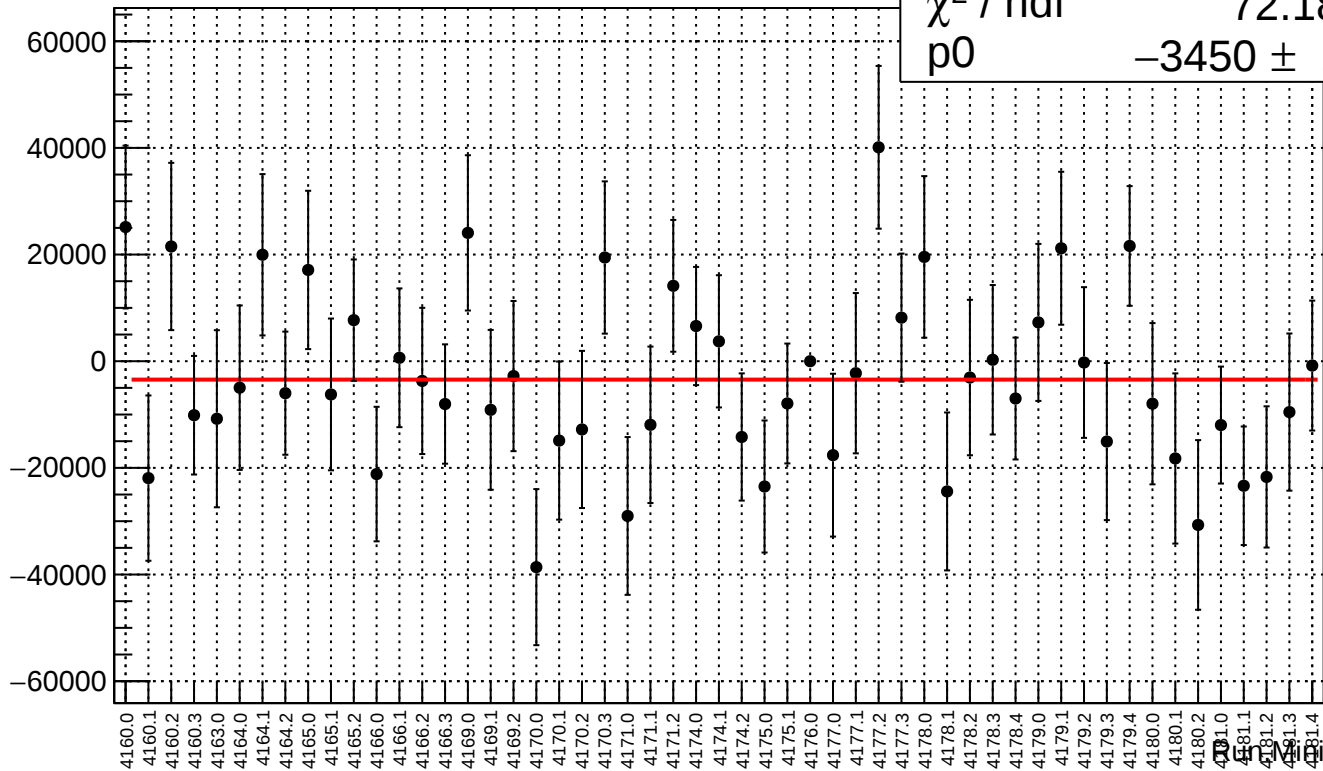


asym_atl1r2_dd.mean/ppb

χ^2 / ndf
p0

72.18 / 51

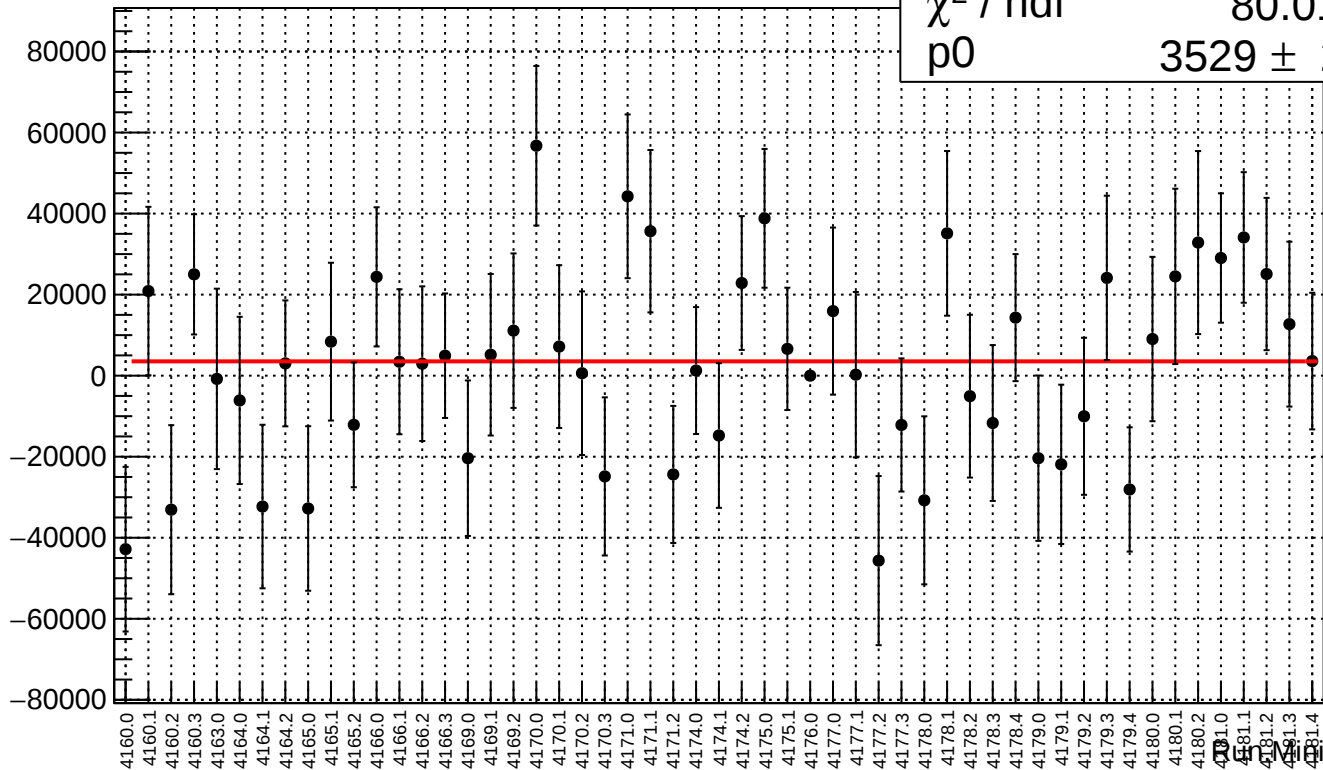
-3450 ± 1867



asym_atl2.mean/ppb

χ^2 / ndf
p0

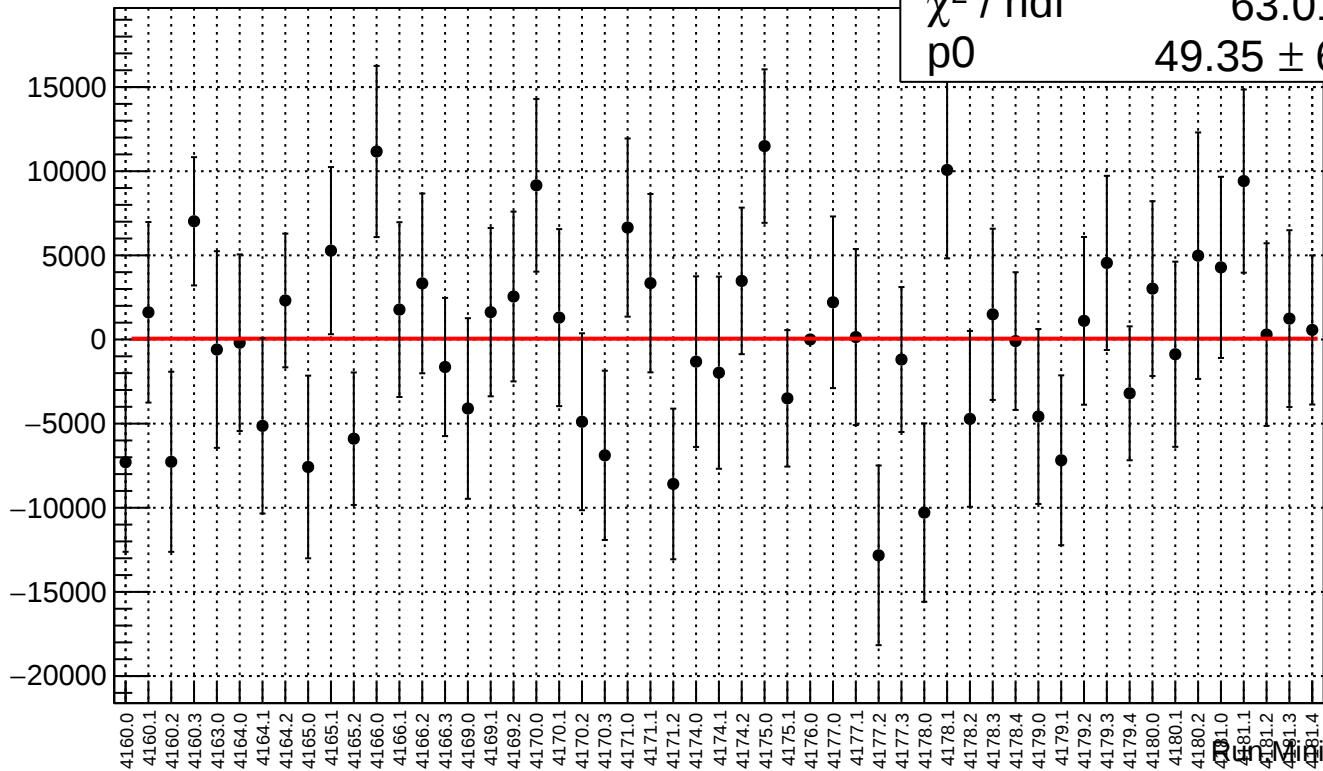
80.01 / 51
 3529 ± 2559



asym_atl_avg.mean/ppb

χ^2 / ndf
p0

63.01 / 51
 49.35 ± 685.1

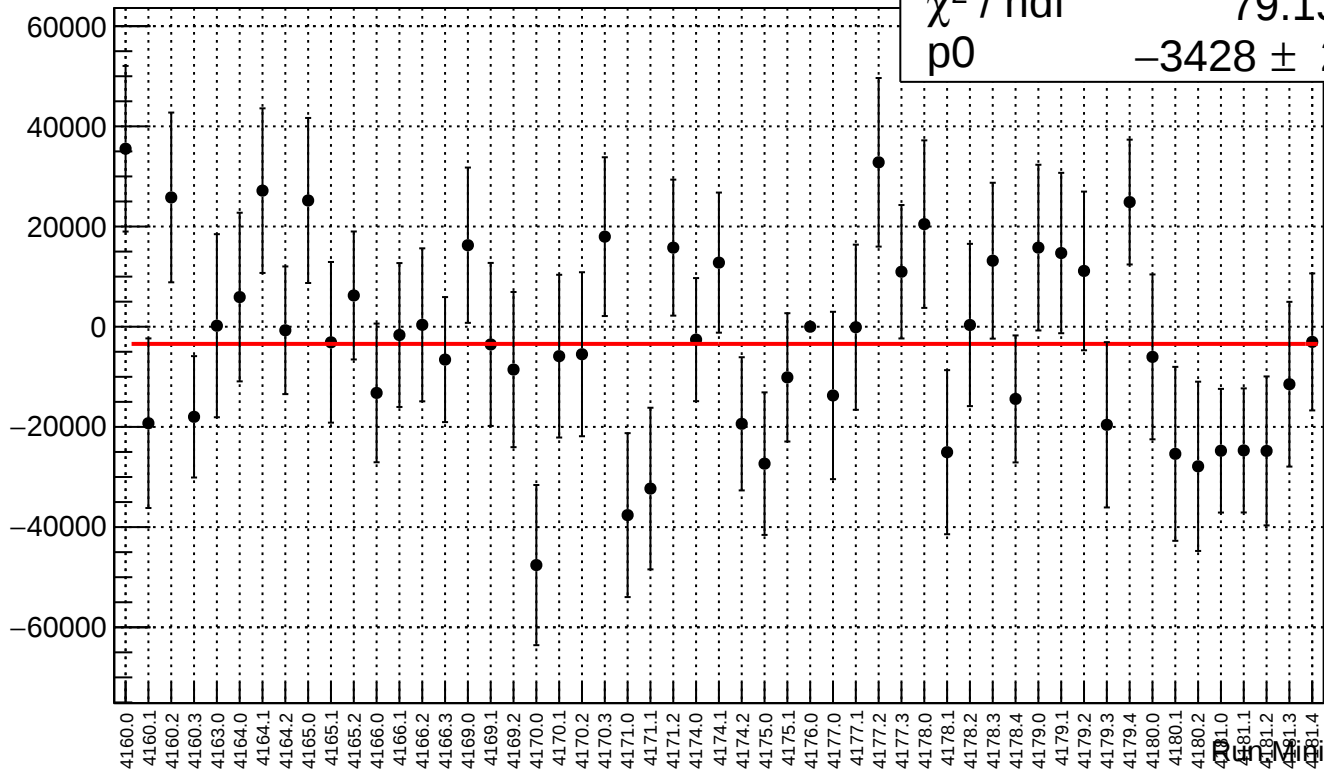


asym_atl_dd.mean/ppb

χ^2 / ndf
p0

79.13 / 51

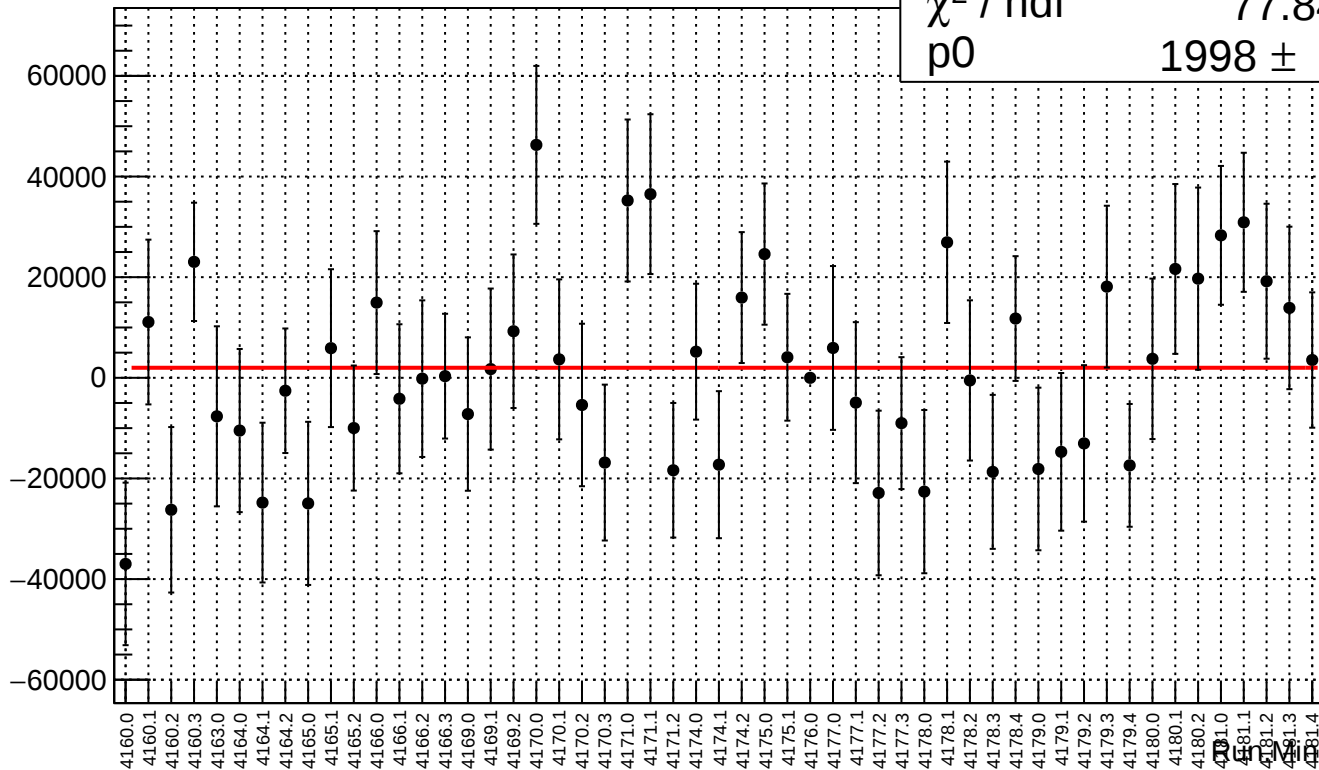
-3428 ± 2067



asym_atr1l2_avg.mean/ppb

χ^2 / ndf
p0

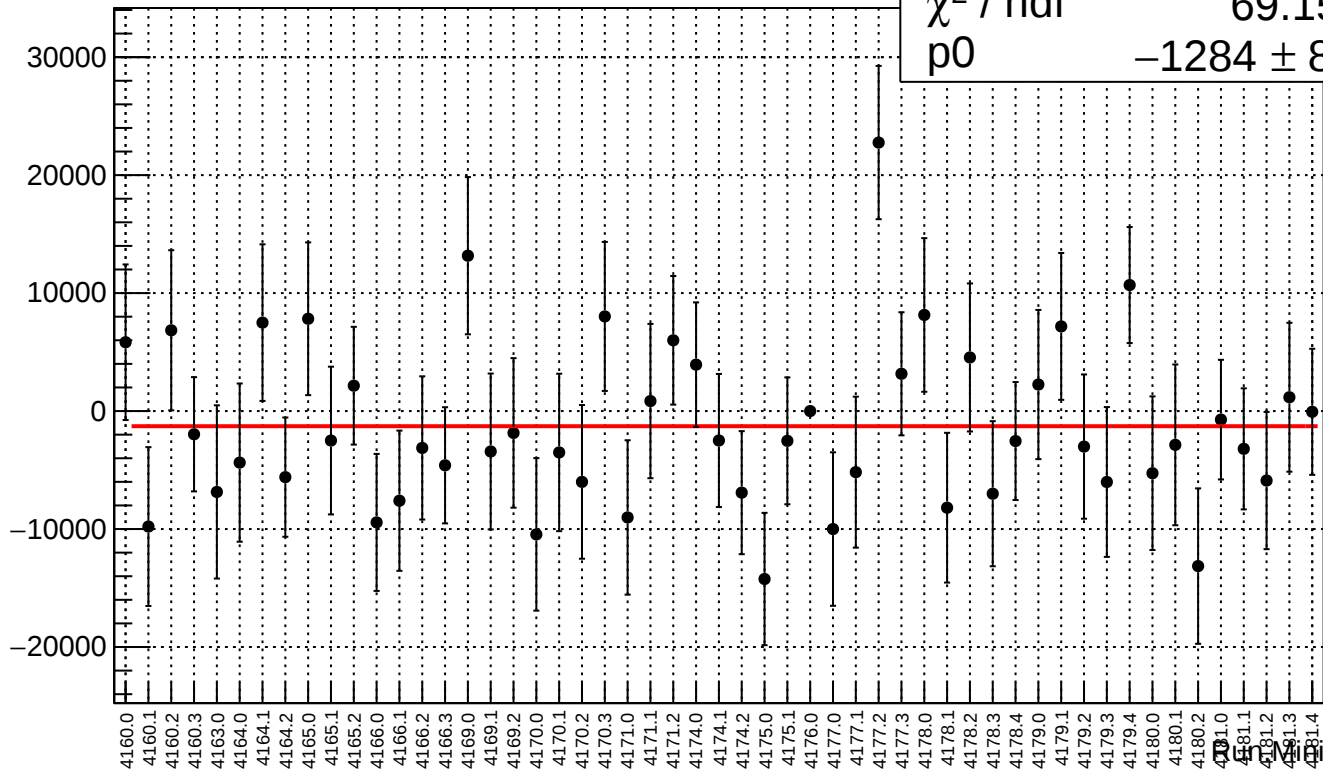
77.84 / 51
1998 $\pm$ 2056



asym_atr1l2_dd.mean/ppb

χ^2 / ndf
p0

69.15 / 51
 -1284 ± 824.4



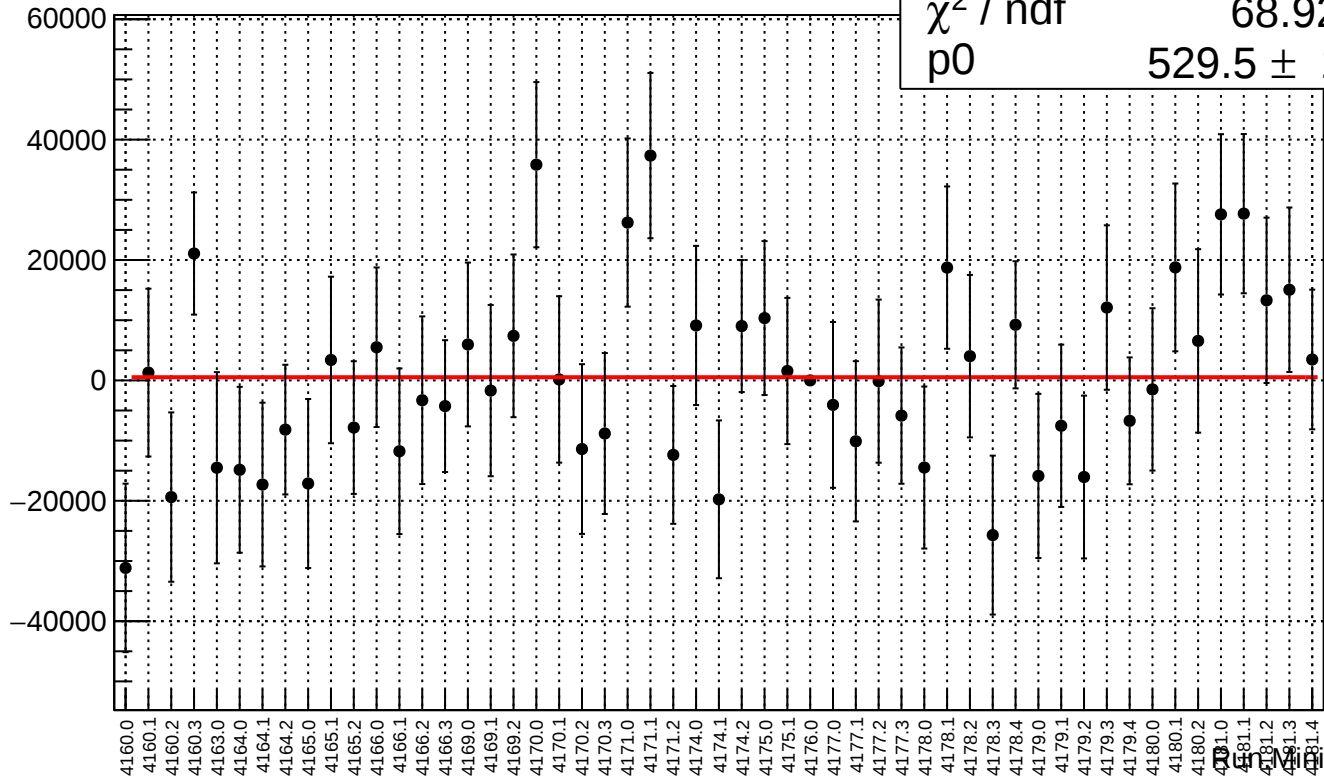
asym_atr1.mean/ppb

χ^2 / ndf

68.92 / 51

p0

529.5 ± 1797



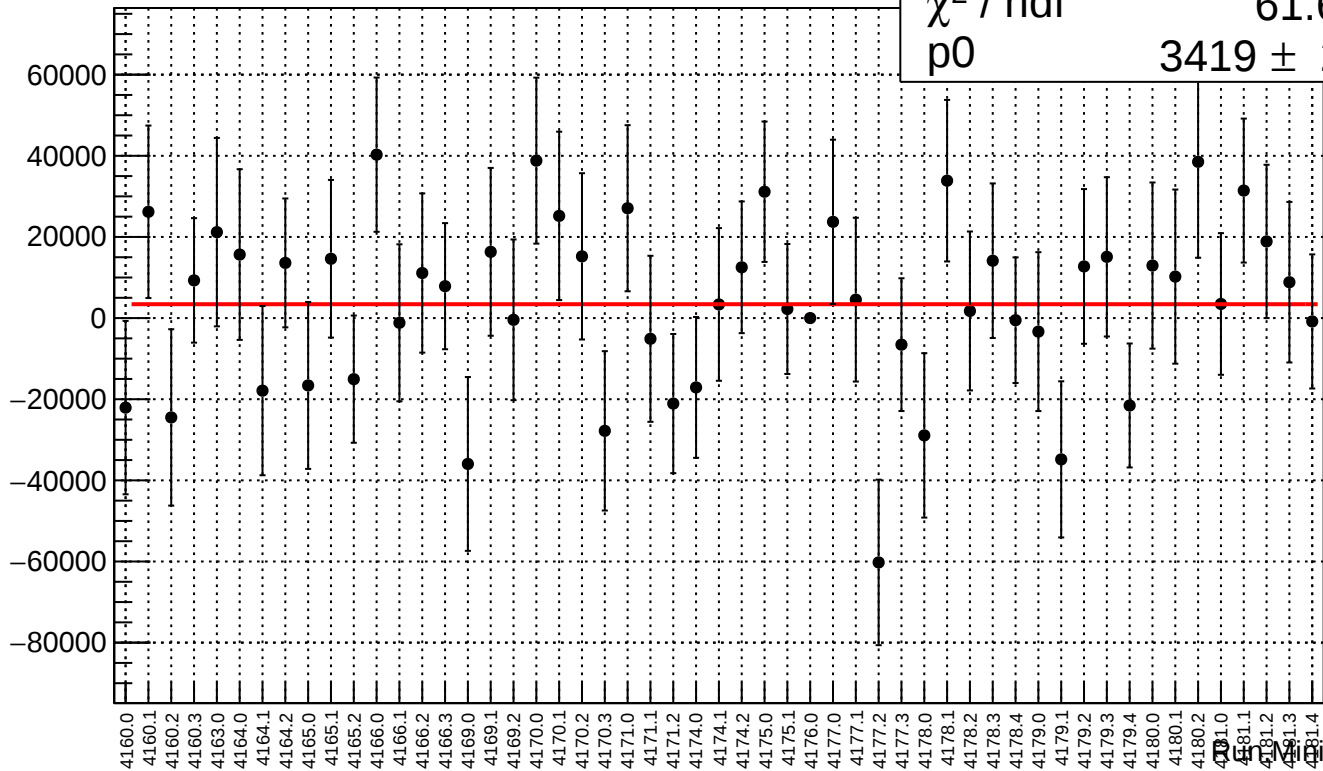
asym_atr2.mean/ppb

χ^2 / ndf

61.6 / 51

p0

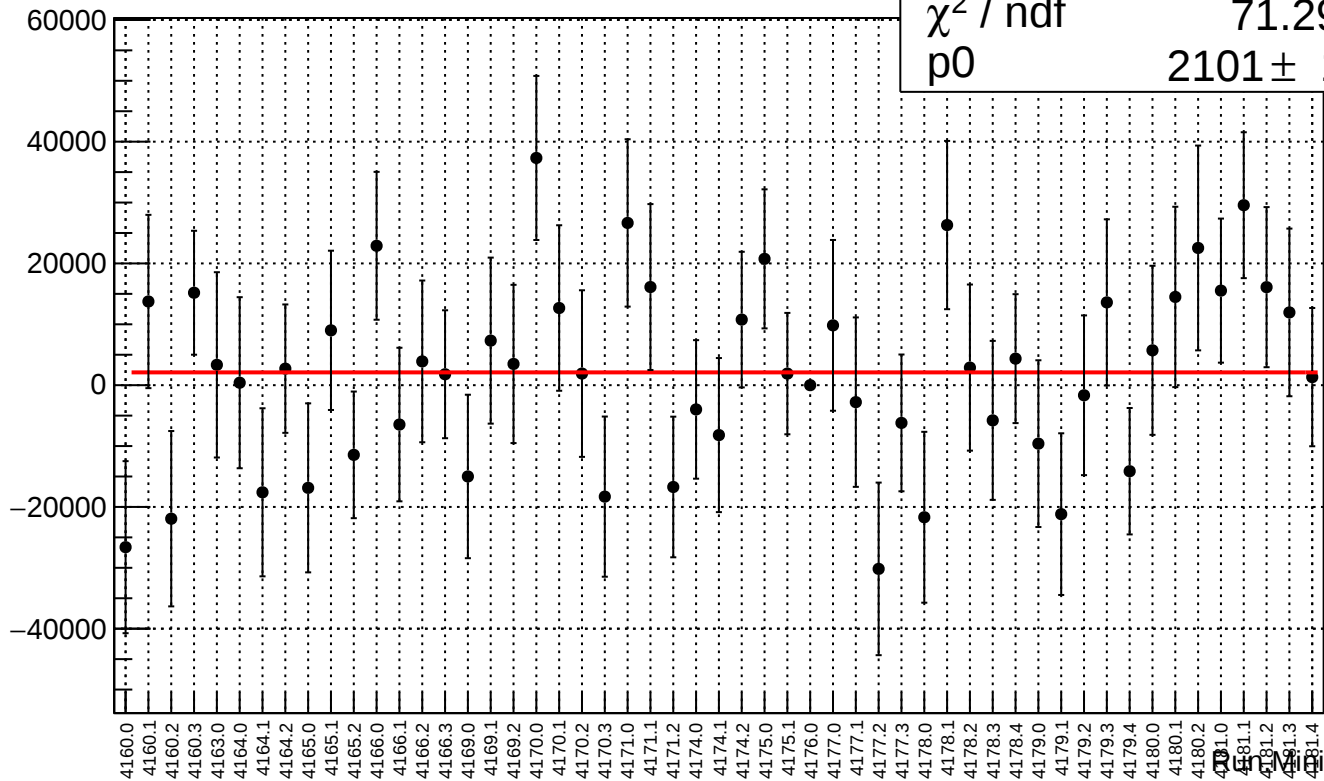
3419 ± 2610



asym_atr_avg.mean/ppb

χ^2 / ndf
p0

71.29 / 51
 2101 ± 1756

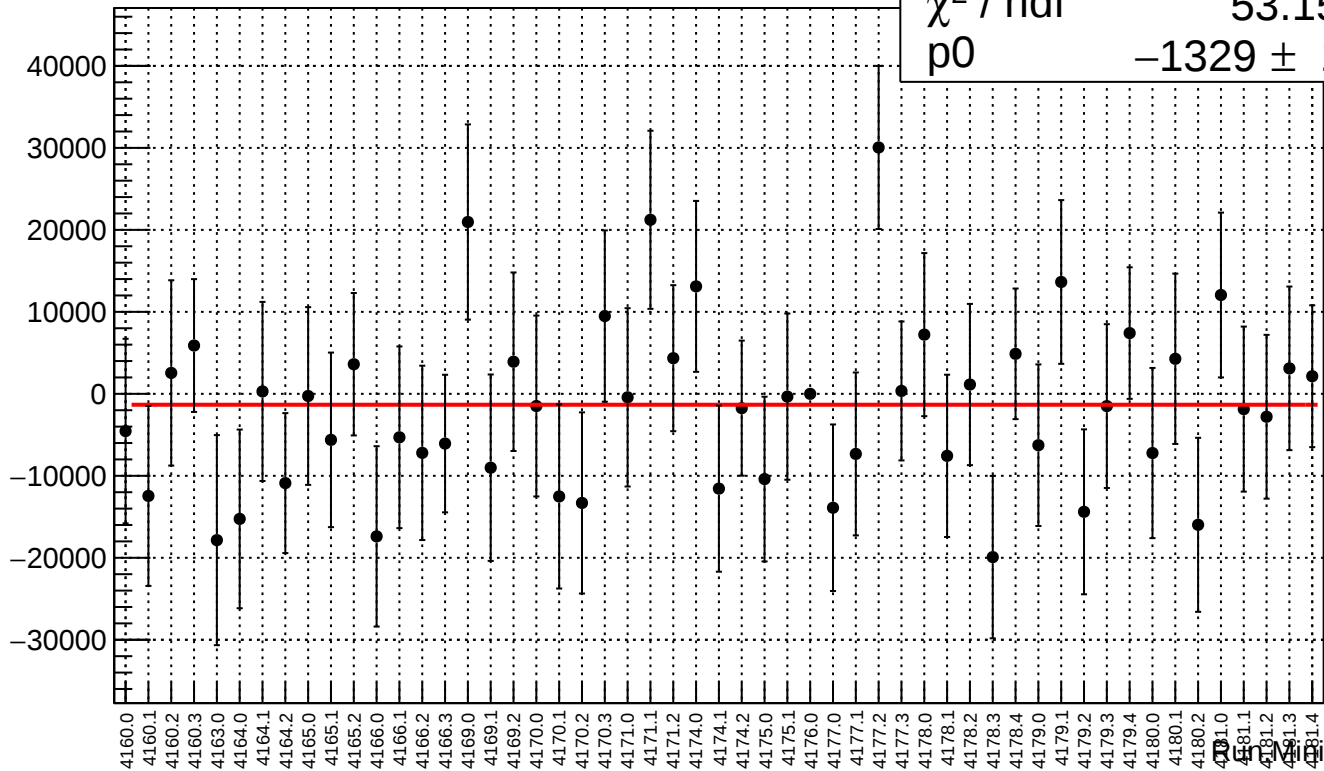


asym_atr_dd.mean/ppb

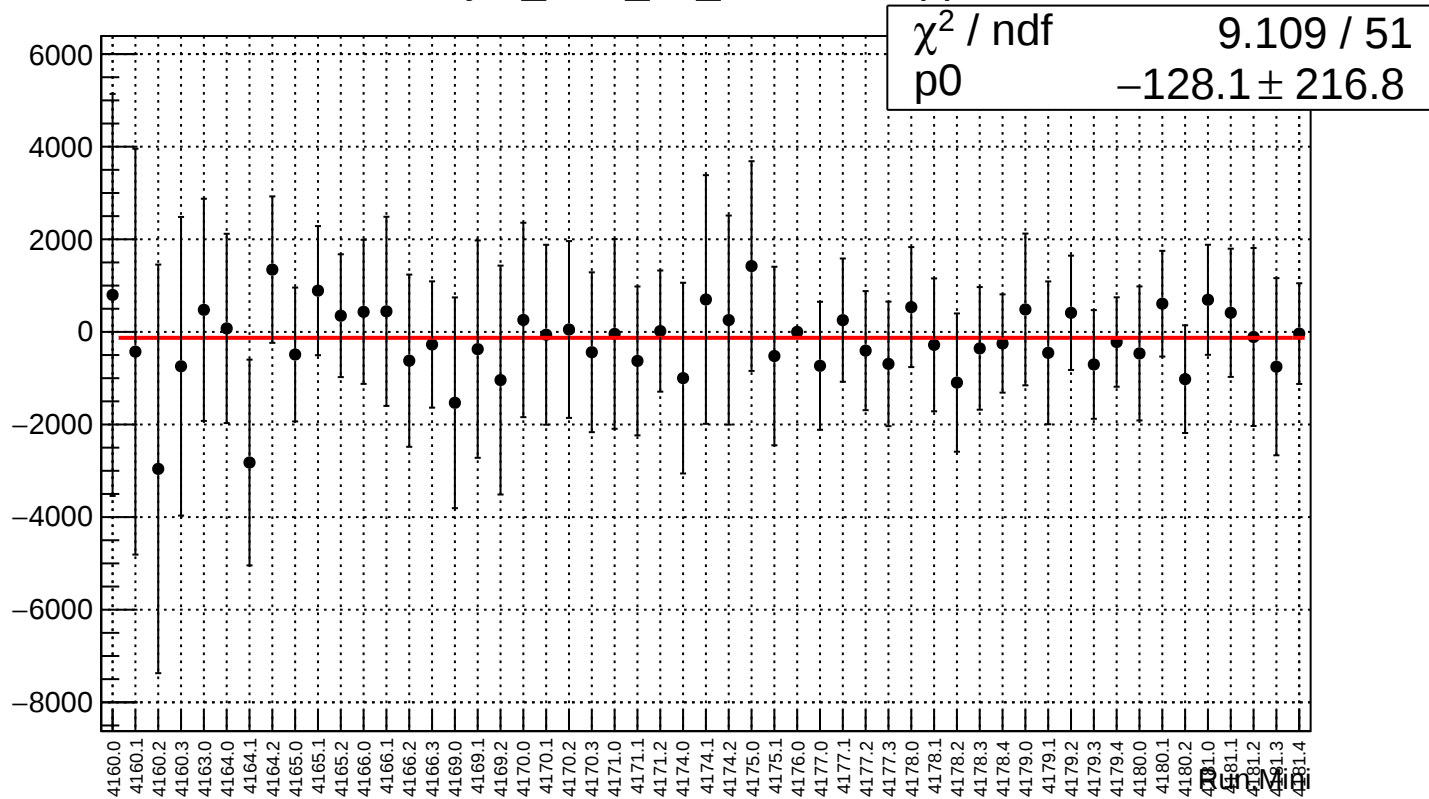
χ^2 / ndf
p0

53.15 / 51

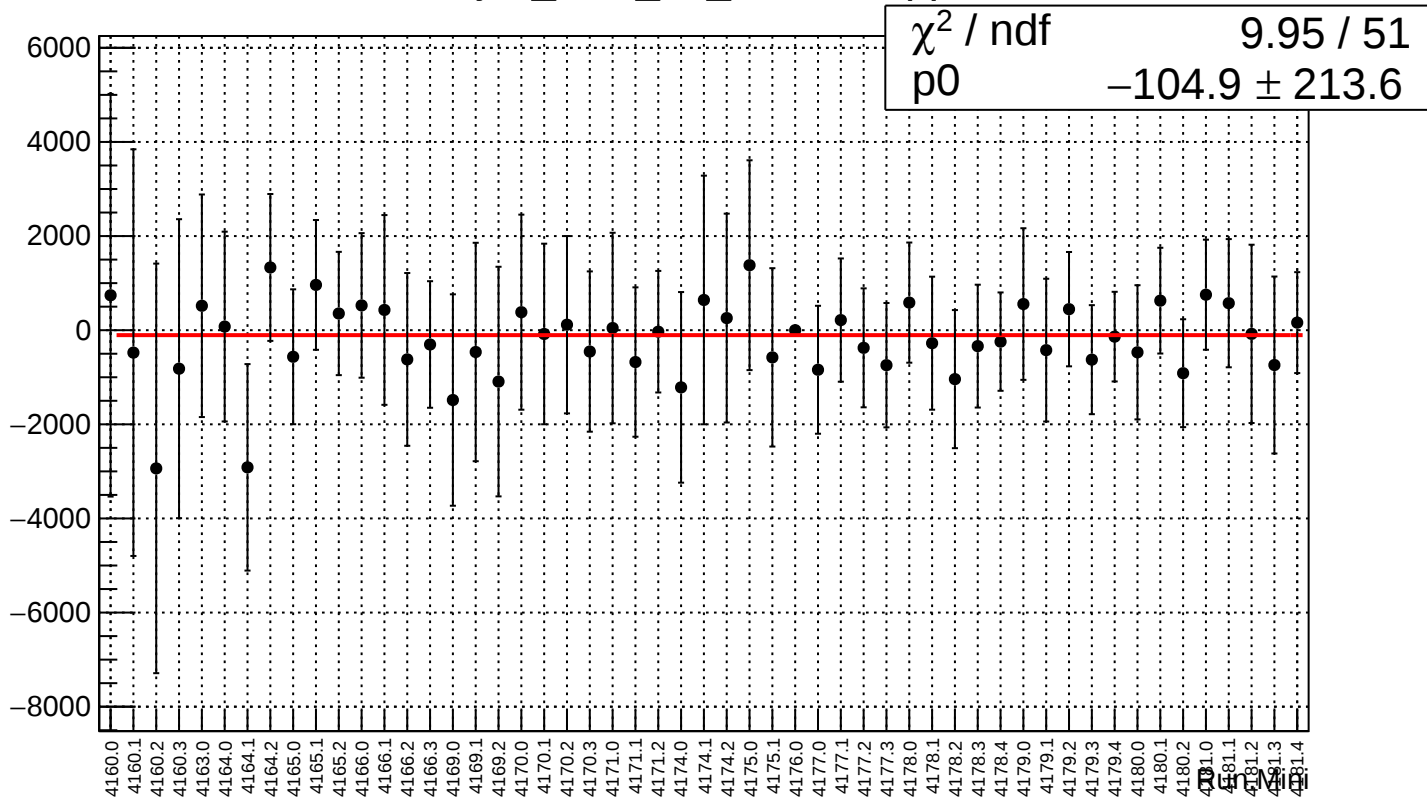
-1329 ± 1384



asym_bcm_an_ds3.mean/ppb



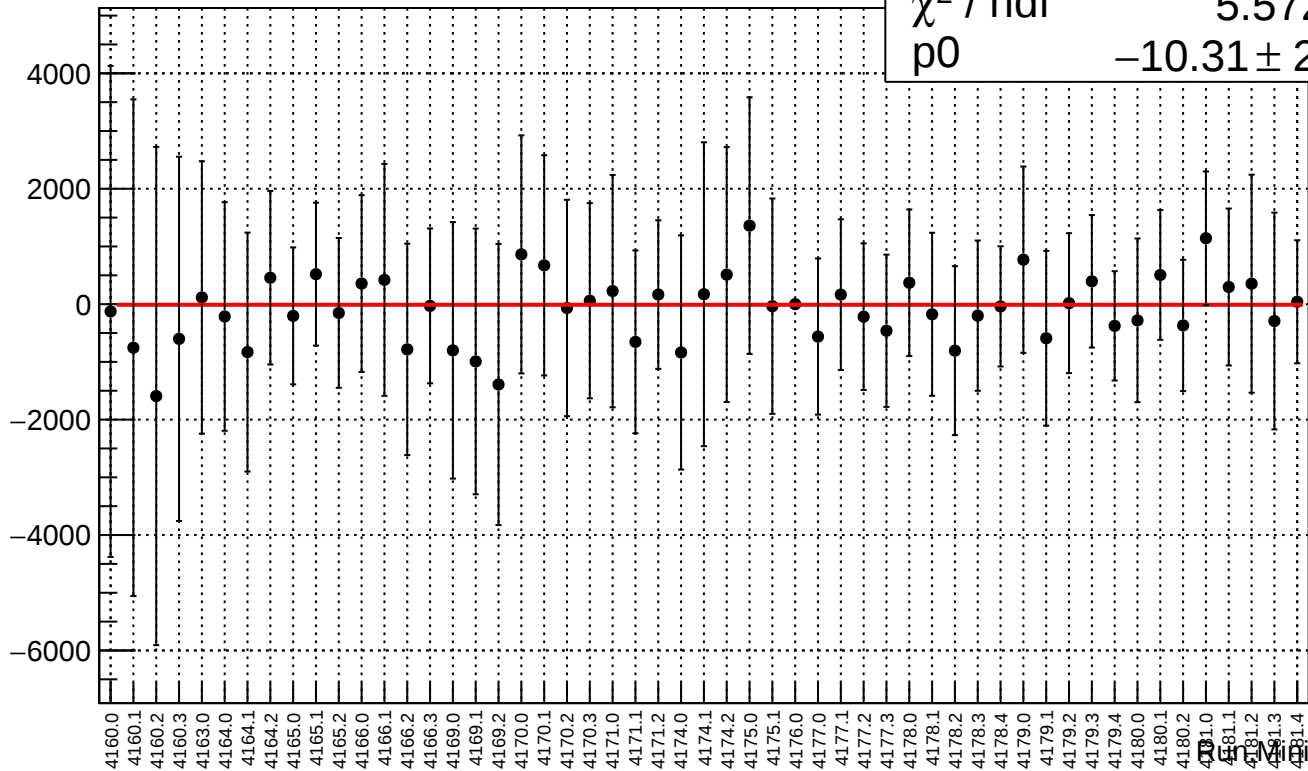
asym_bcm_an_ds.mean/ppb



asym_bcm_an_us.mean/ppb

χ^2 / ndf
p0

5.572 / 51
 -10.31 ± 210.9



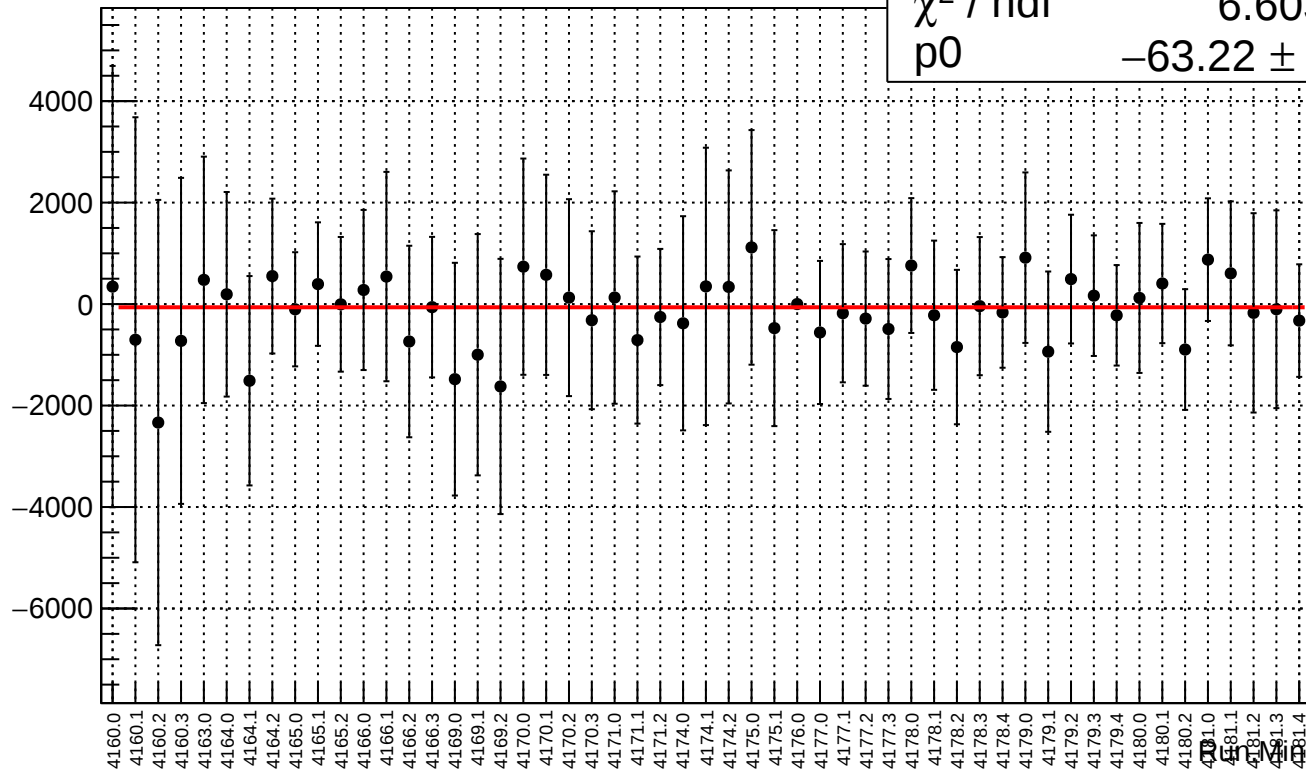
asym_bcm_ds.mean/ppb

χ^2 / ndf

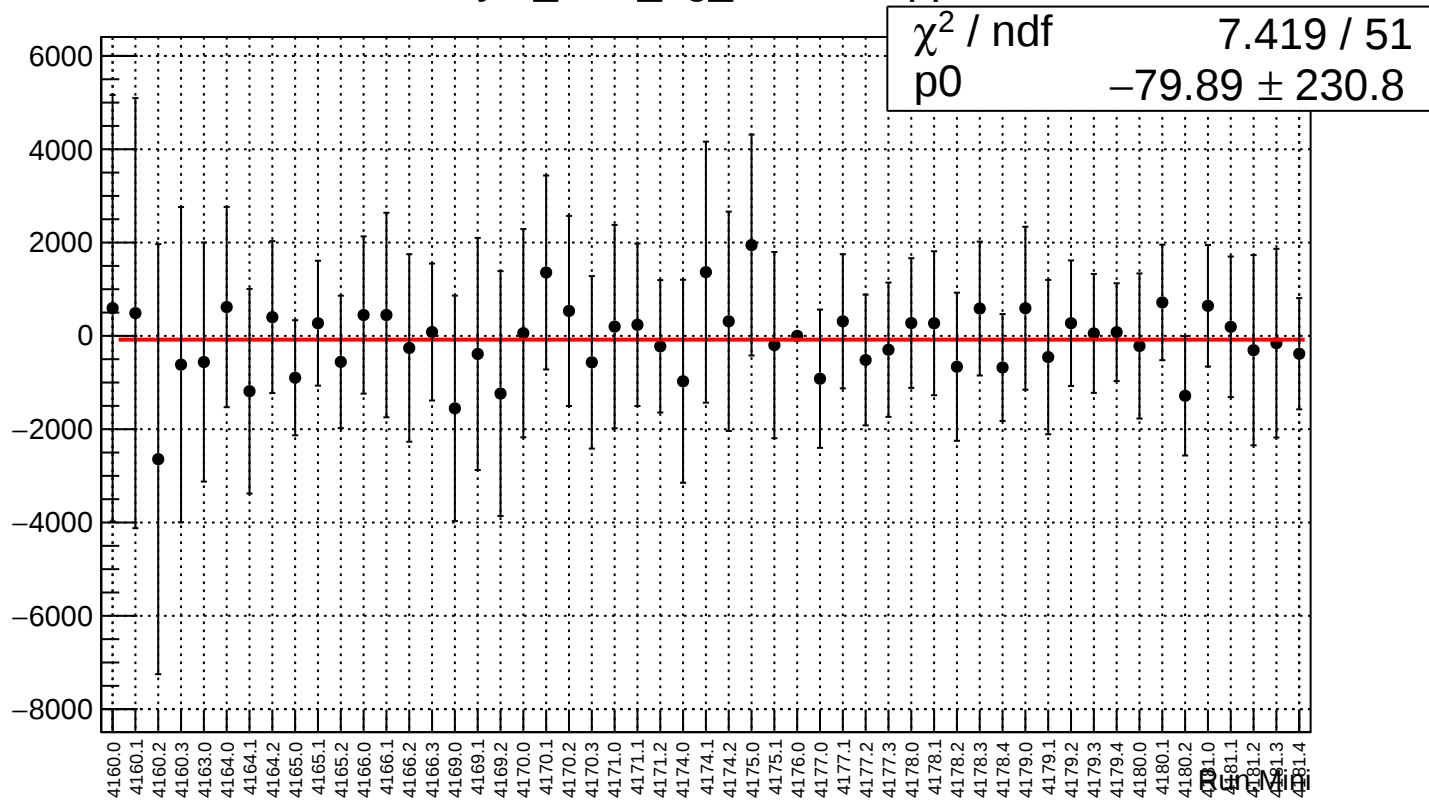
6.603 / 51

p0

-63.22 ± 218



asym_bcm_dg_us.mean/ppb

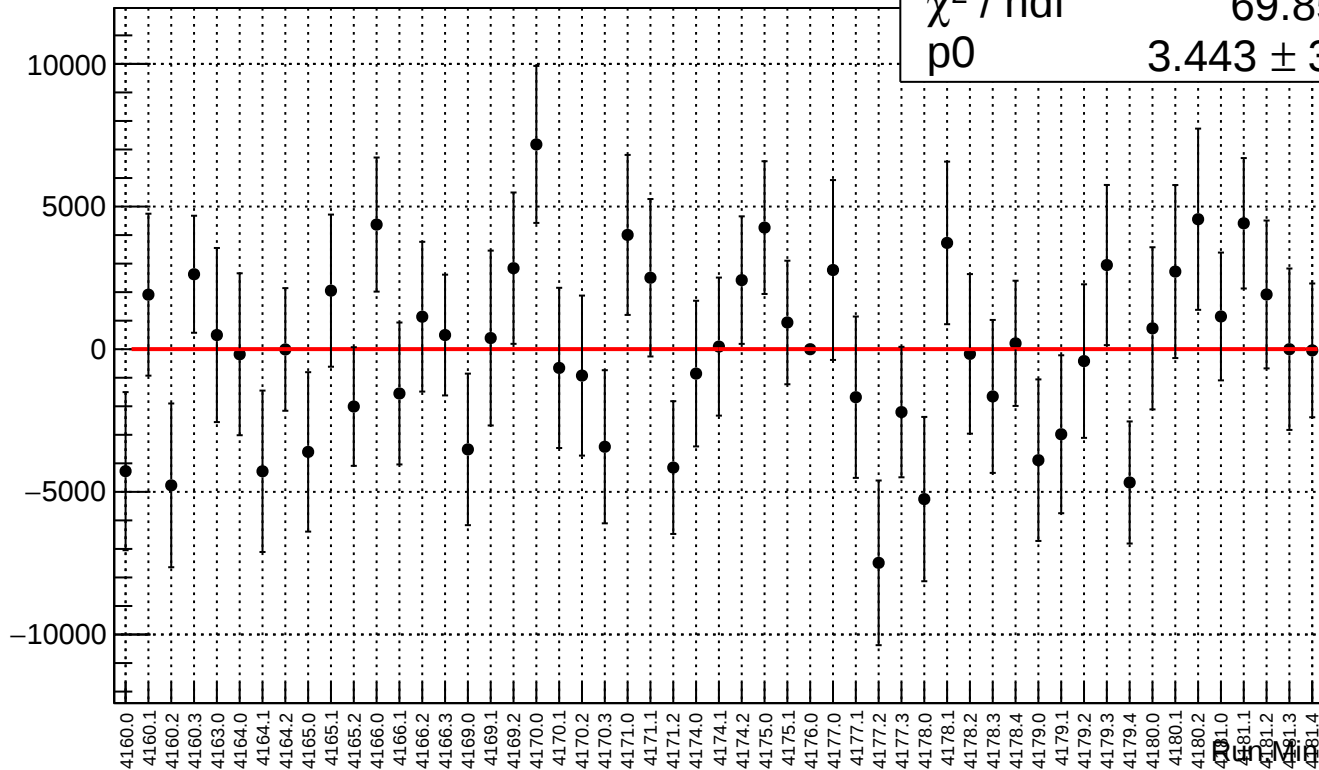


asym_ds_avg.mean/ppb

χ^2 / ndf
p0

69.85 / 51

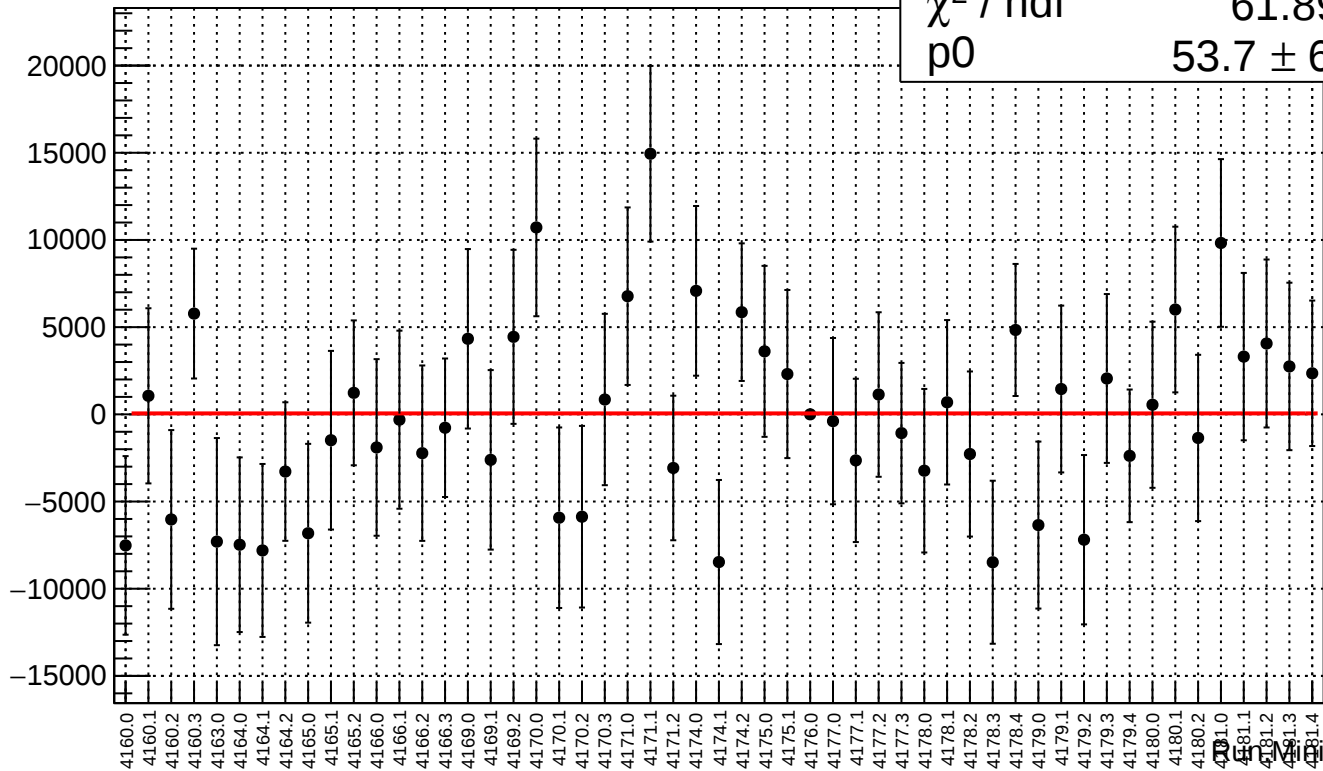
3.443 ± 356.9



asym_ds_dd.mean/ppb

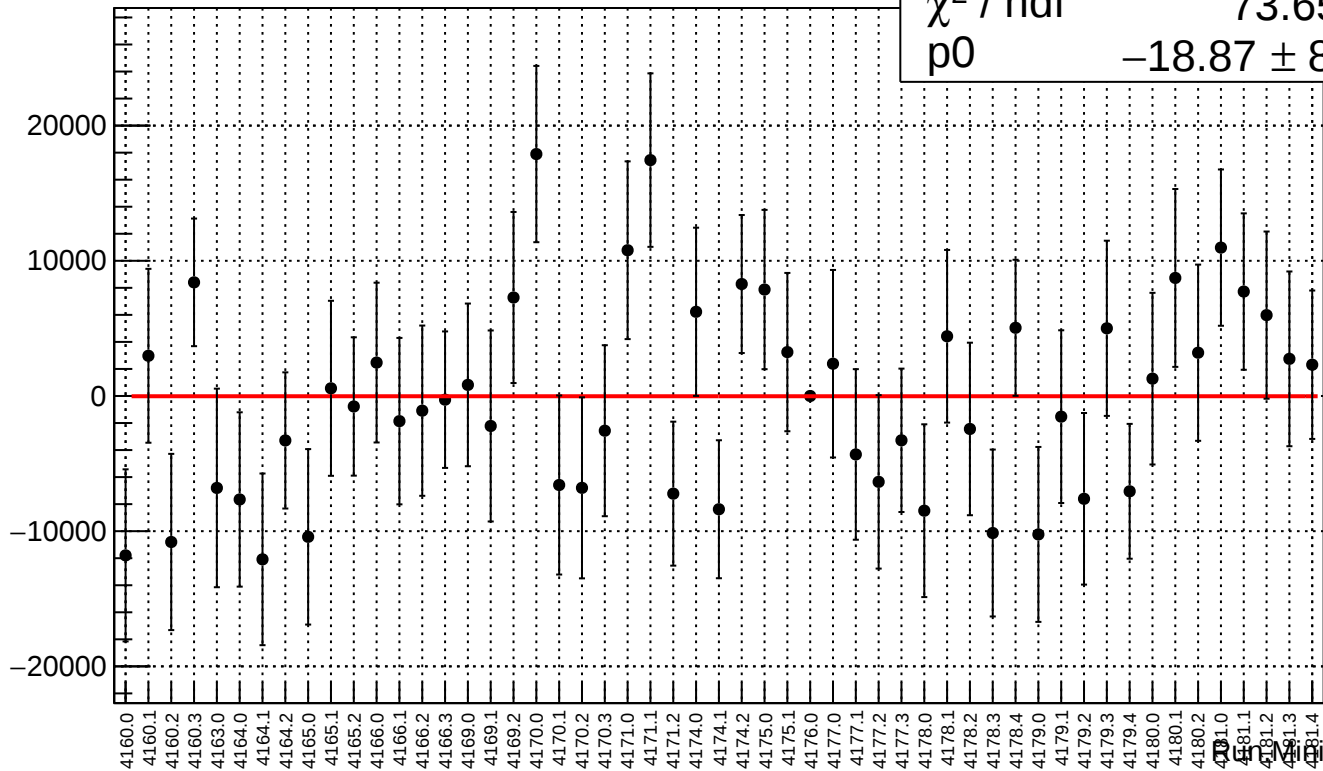
χ^2 / ndf
p0

61.89 / 51
 53.7 ± 649.8



asym_dsl.mean/ppb

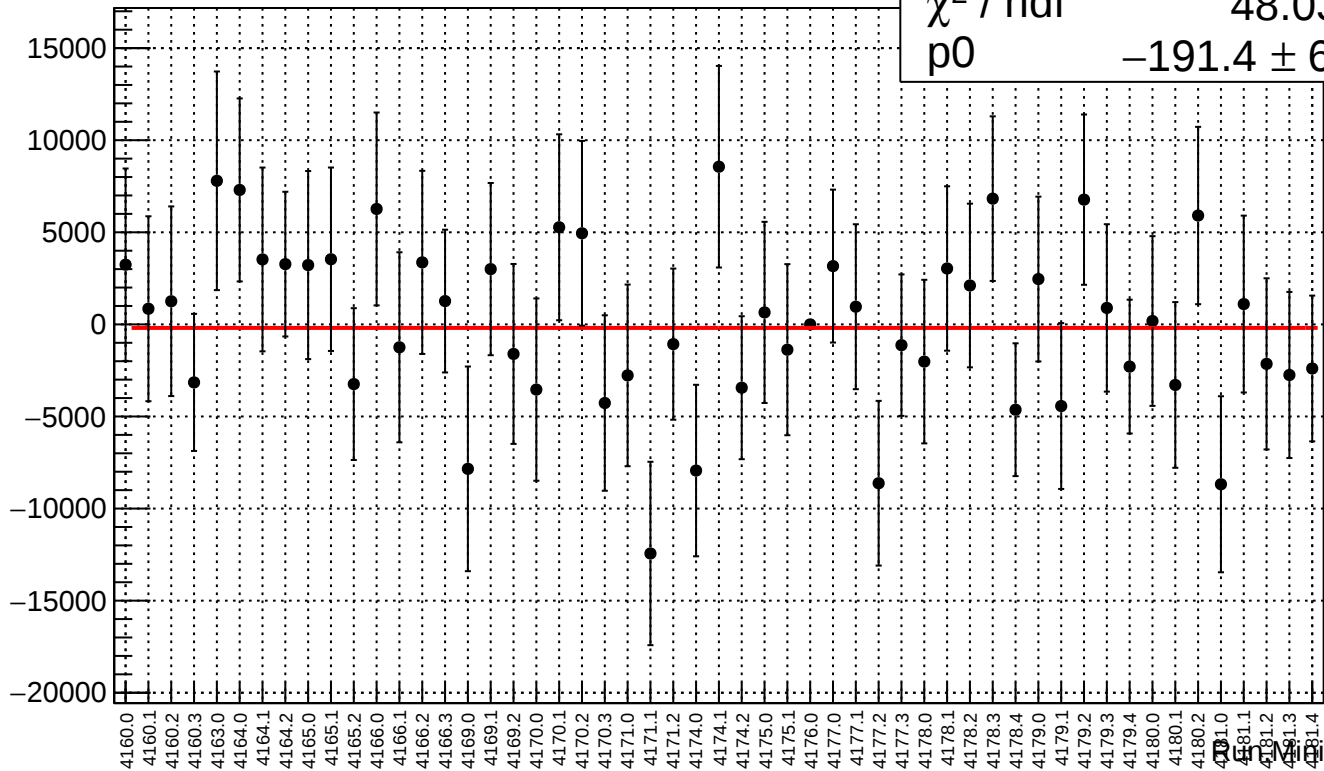
χ^2 / ndf 73.65 / 51
p0 -18.87 ± 834.5



asym_dsr.mean/ppb

χ^2 / ndf
p0

48.03 / 51
 -191.4 ± 632.7



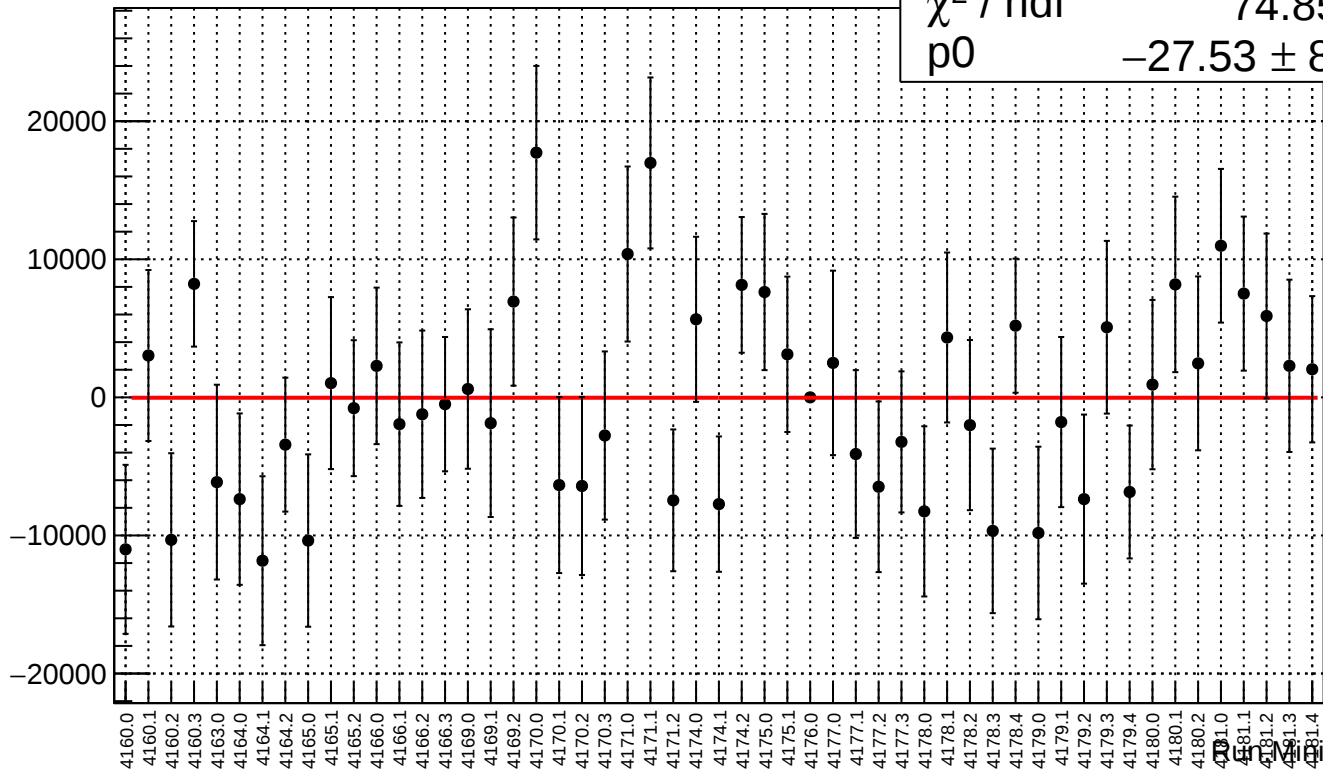
asym_left_avg.mean/ppb

χ^2 / ndf

74.85 / 51

p0

-27.53 ± 803.8



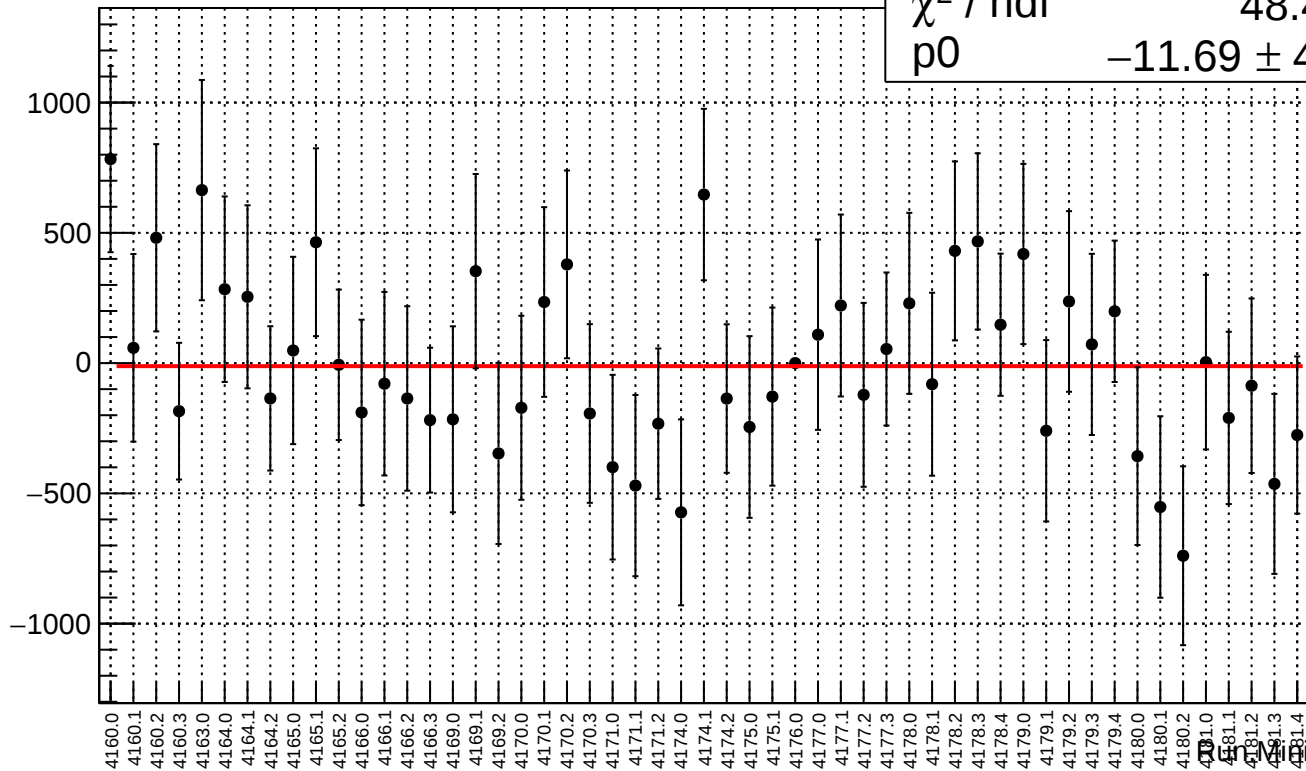
asym_left_dd.mean/ppb

χ^2 / ndf

48.4 / 51

p0

-11.69 ± 46.27

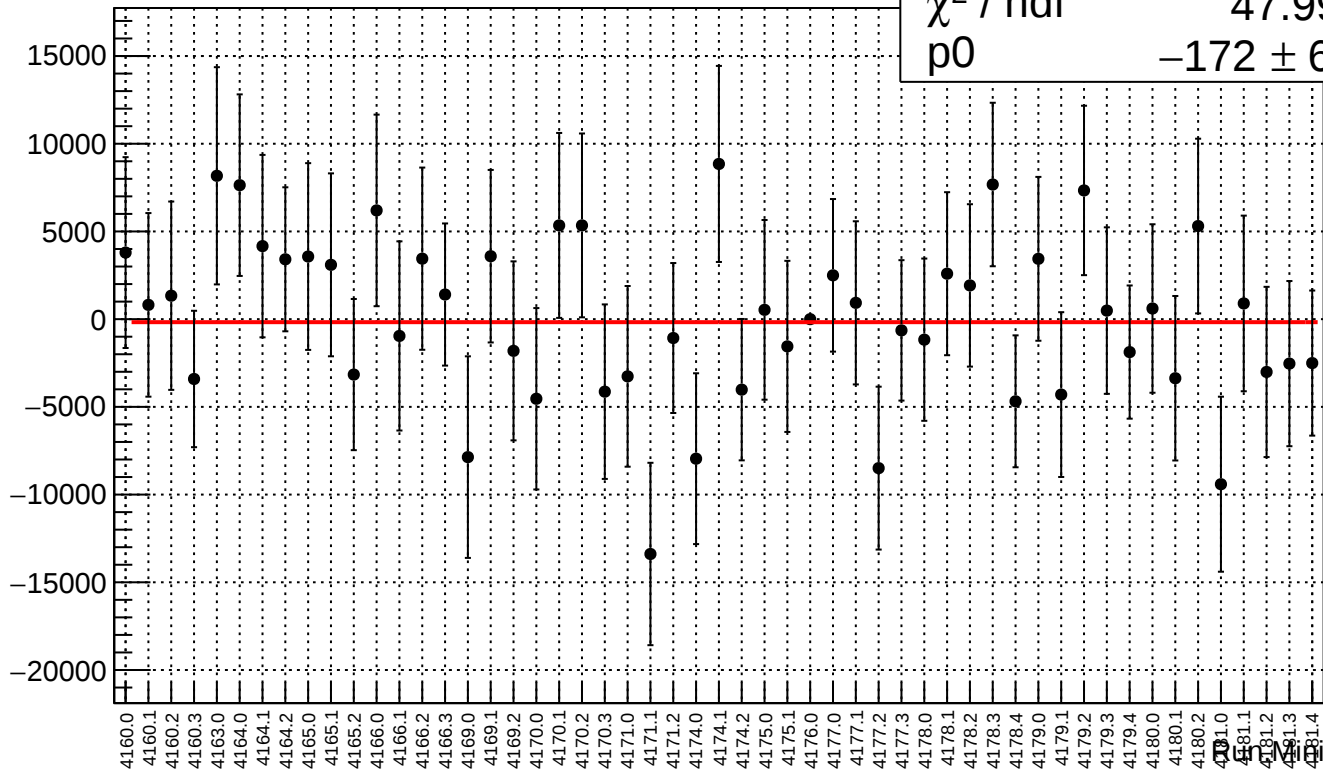


asym_right_avg.mean/ppb

χ^2 / ndf
p0

47.99 / 51

-172 ± 659.9

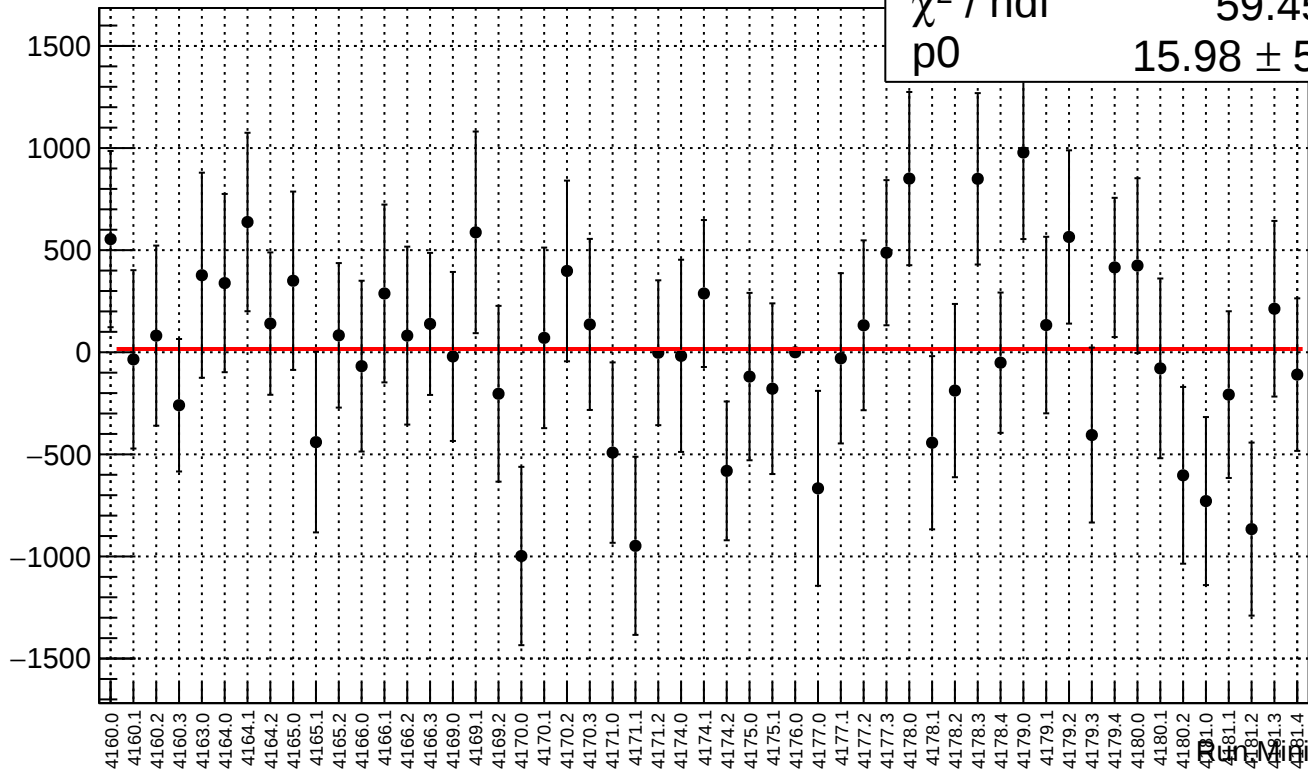


asym_right_dd.mean/ppb

χ^2 / ndf
p0

59.45 / 51

15.98 ± 56.85

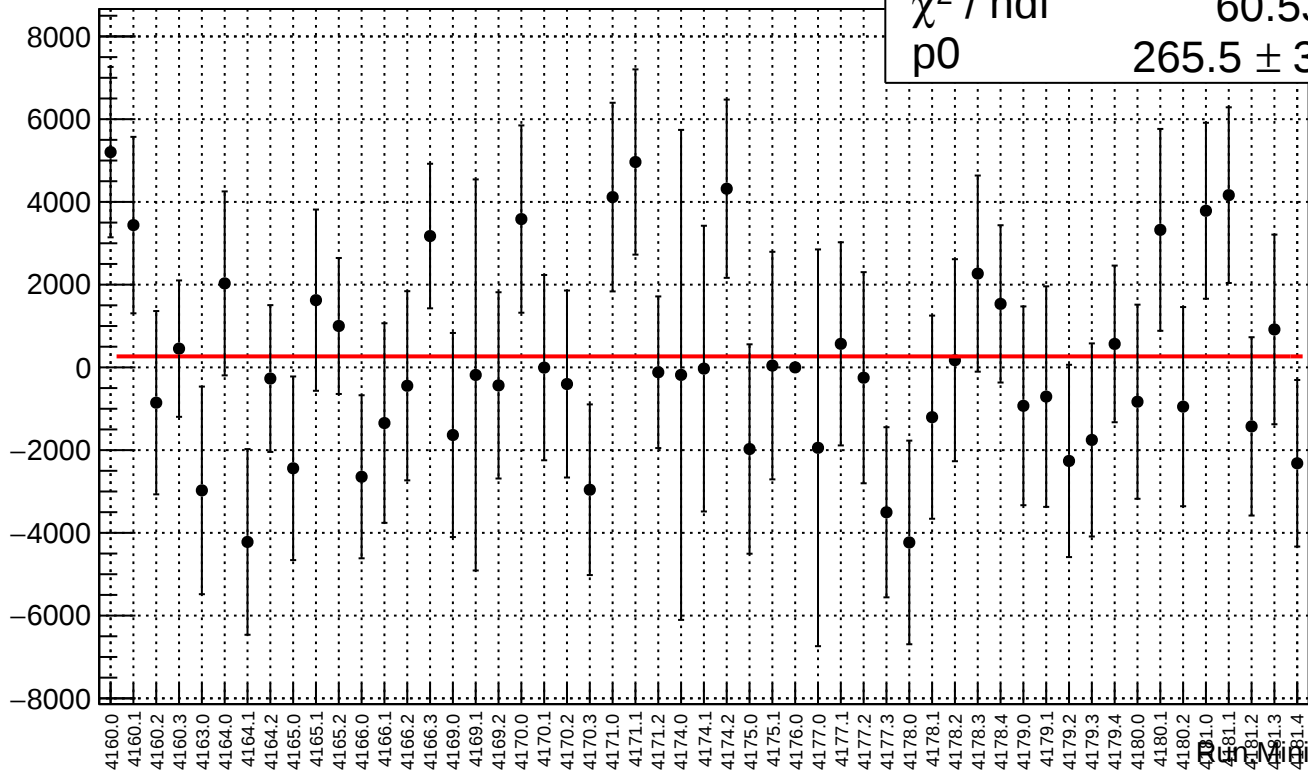


asym_sam_15_avg.mean/ppb

χ^2 / ndf
p0

60.53 / 51

265.5 ± 311.5

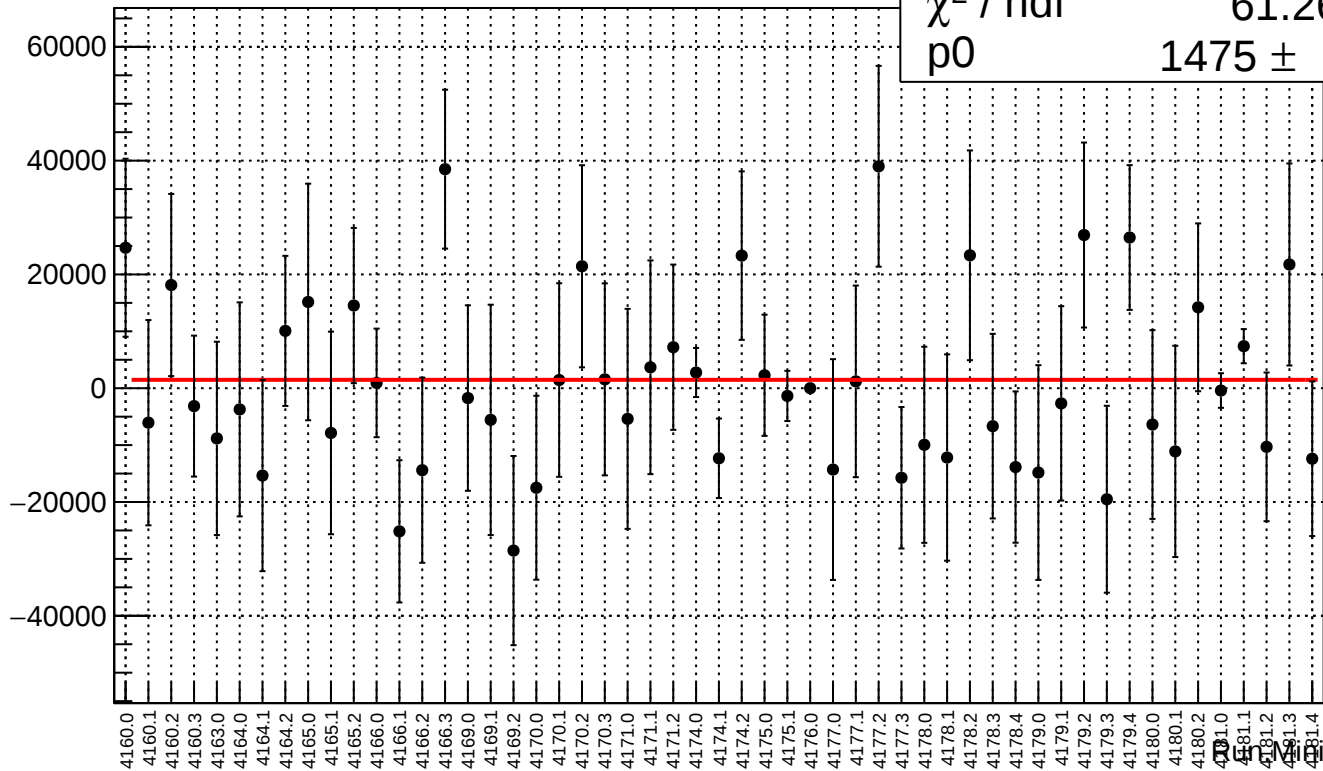


asym_sam_15_dd.mean/ppb

χ^2 / ndf
p0

61.26 / 51

1475 ± 1358

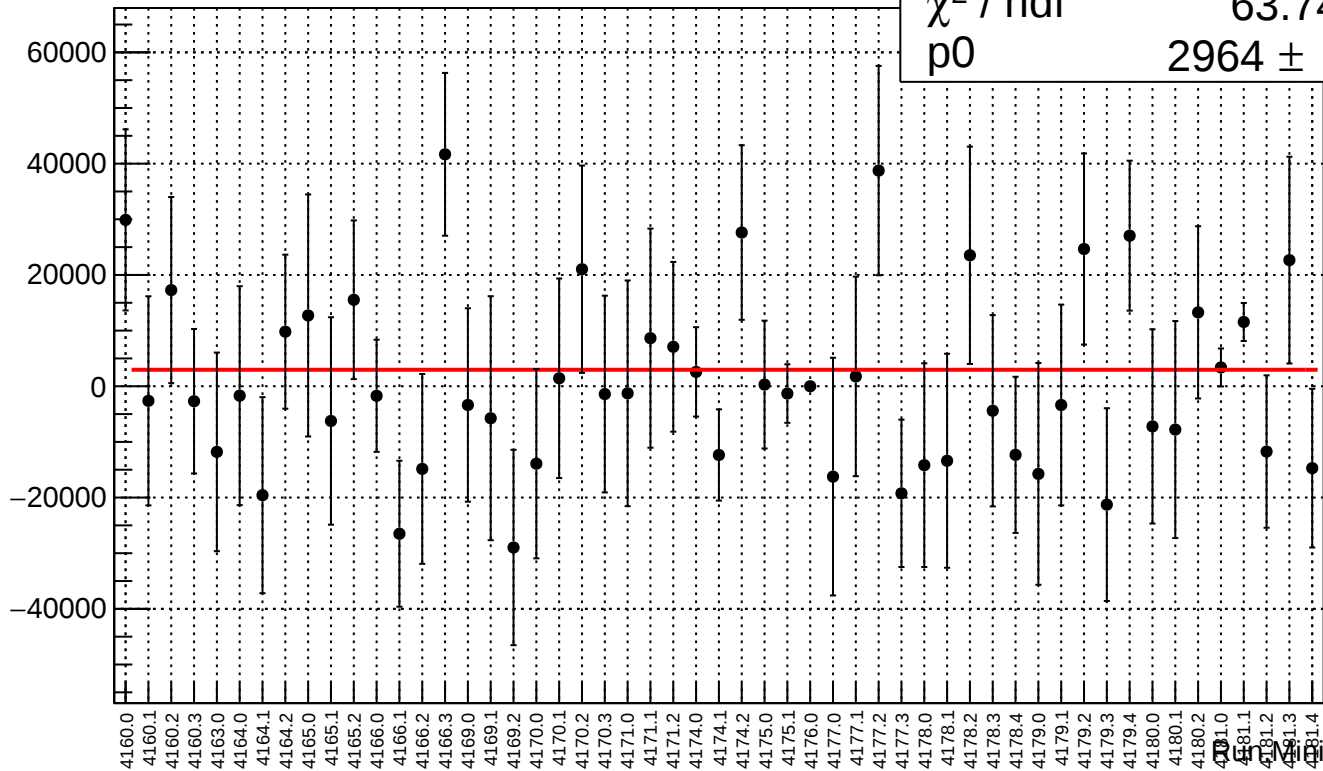


asym_sam1.mean/ppb

χ^2 / ndf
p0

63.74 / 51

2964 ± 1551



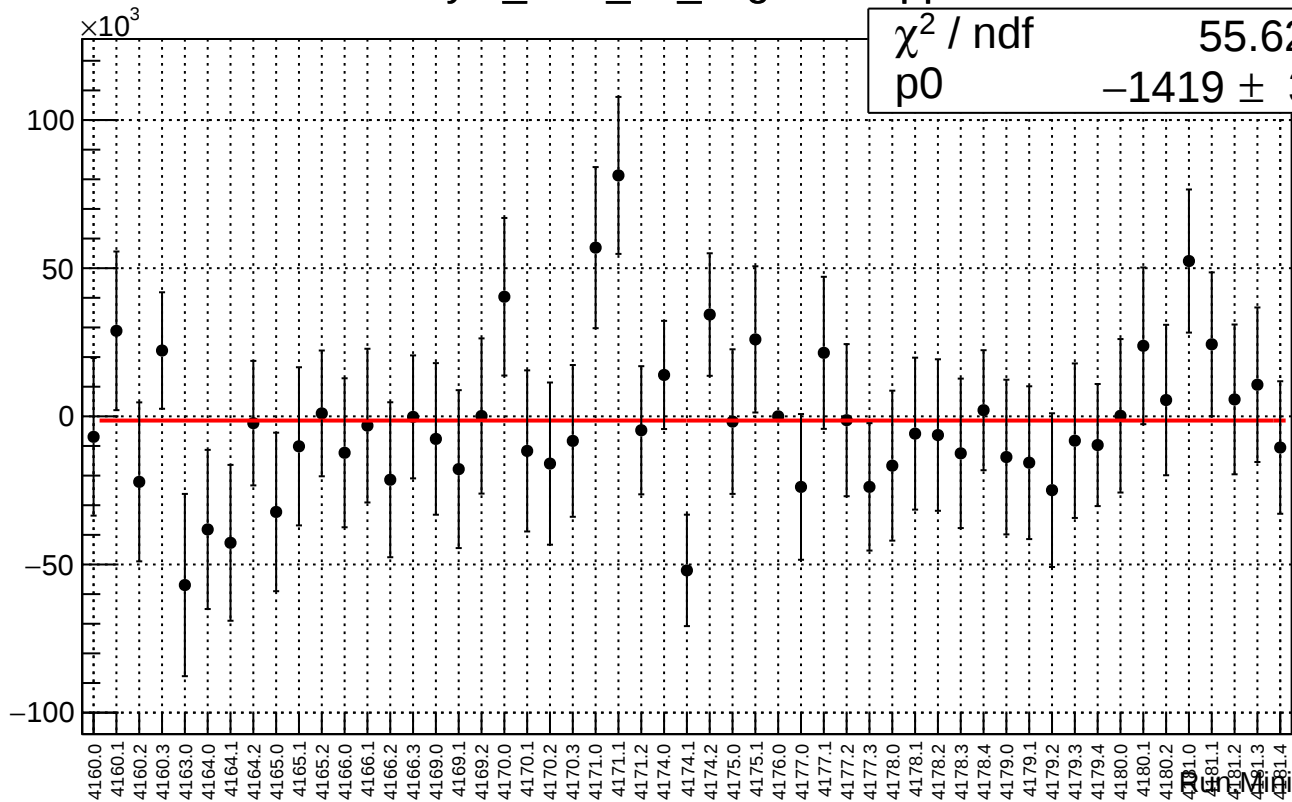
asym_sam_26_avg.mean/ppb

χ^2 / ndf

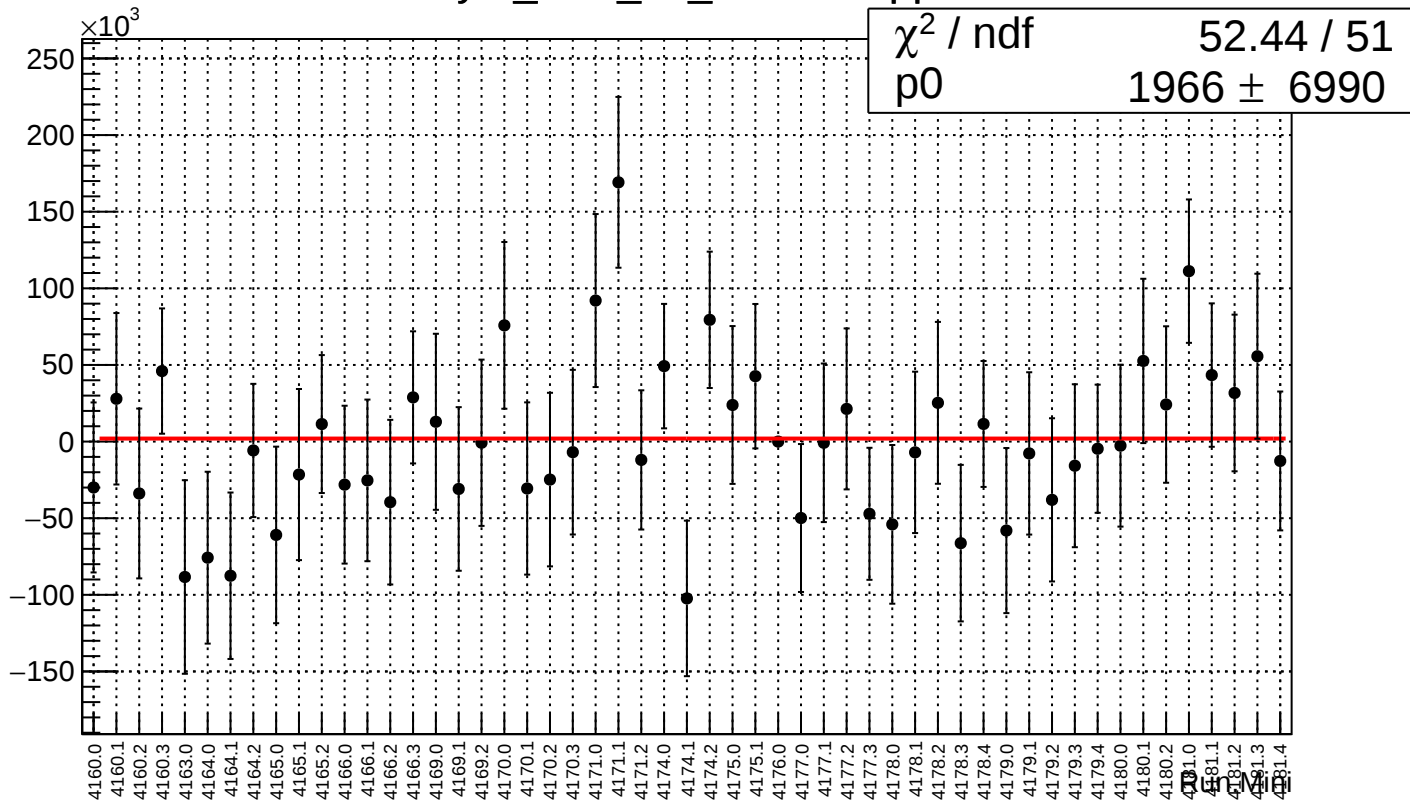
55.62 / 51

p0

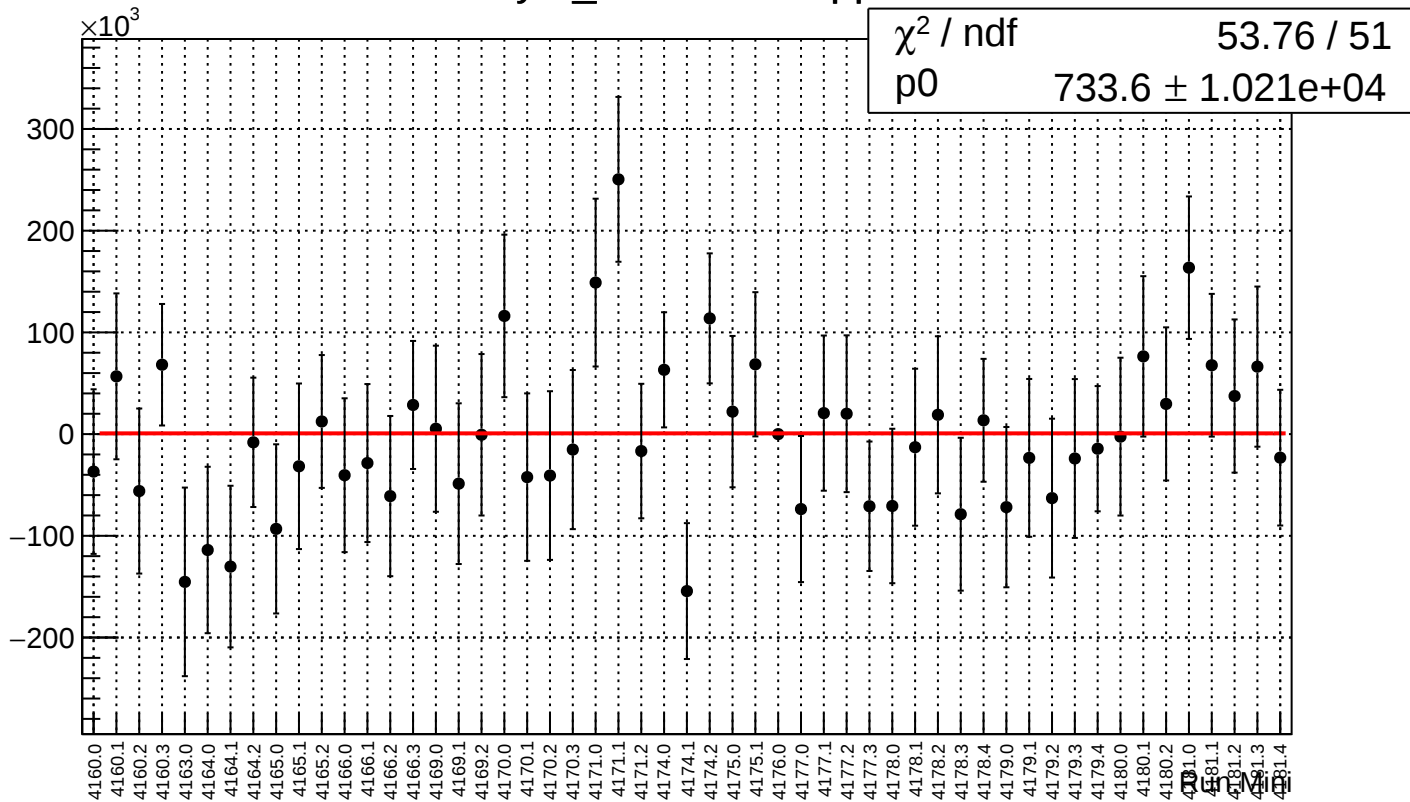
-1419 ± 3372



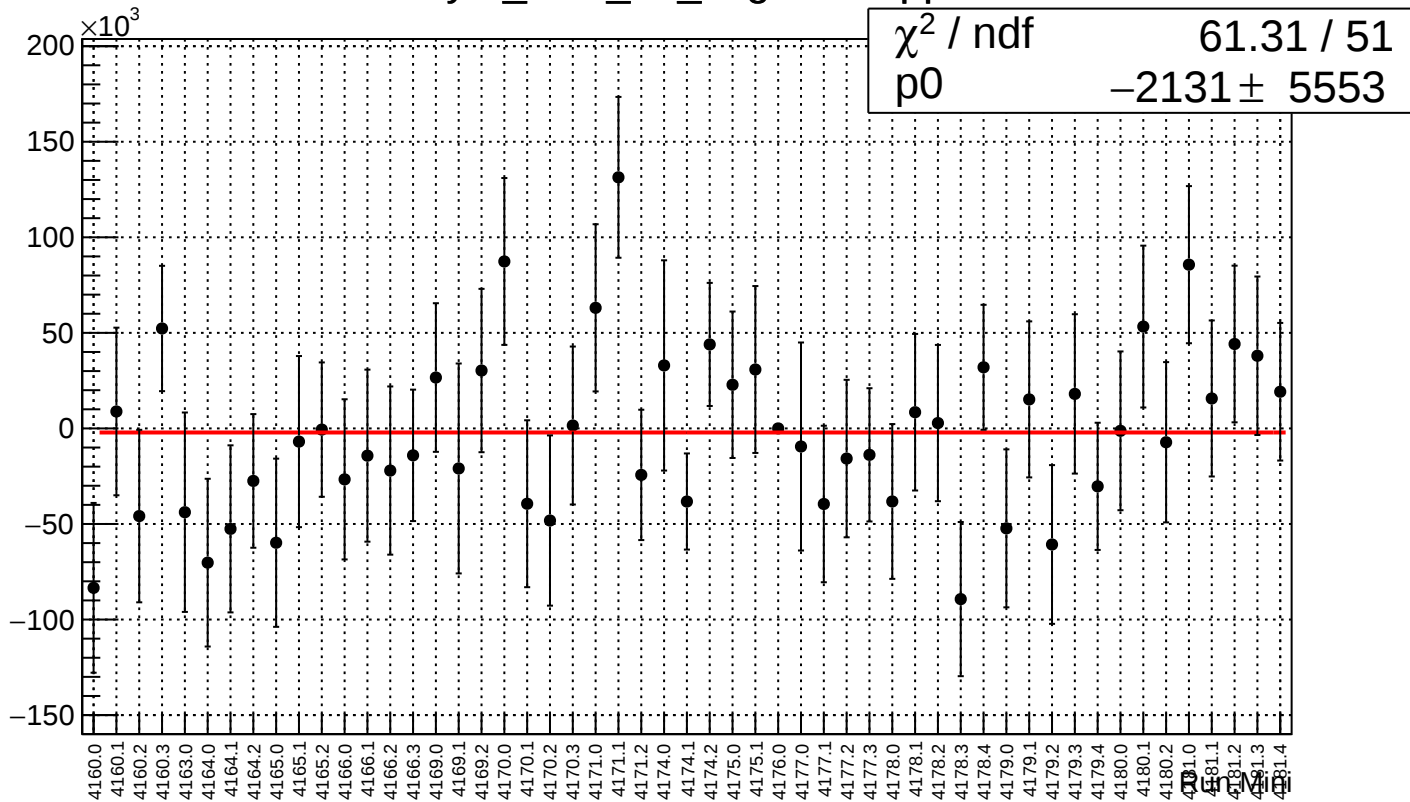
asym_sam_26_dd.mean/ppb



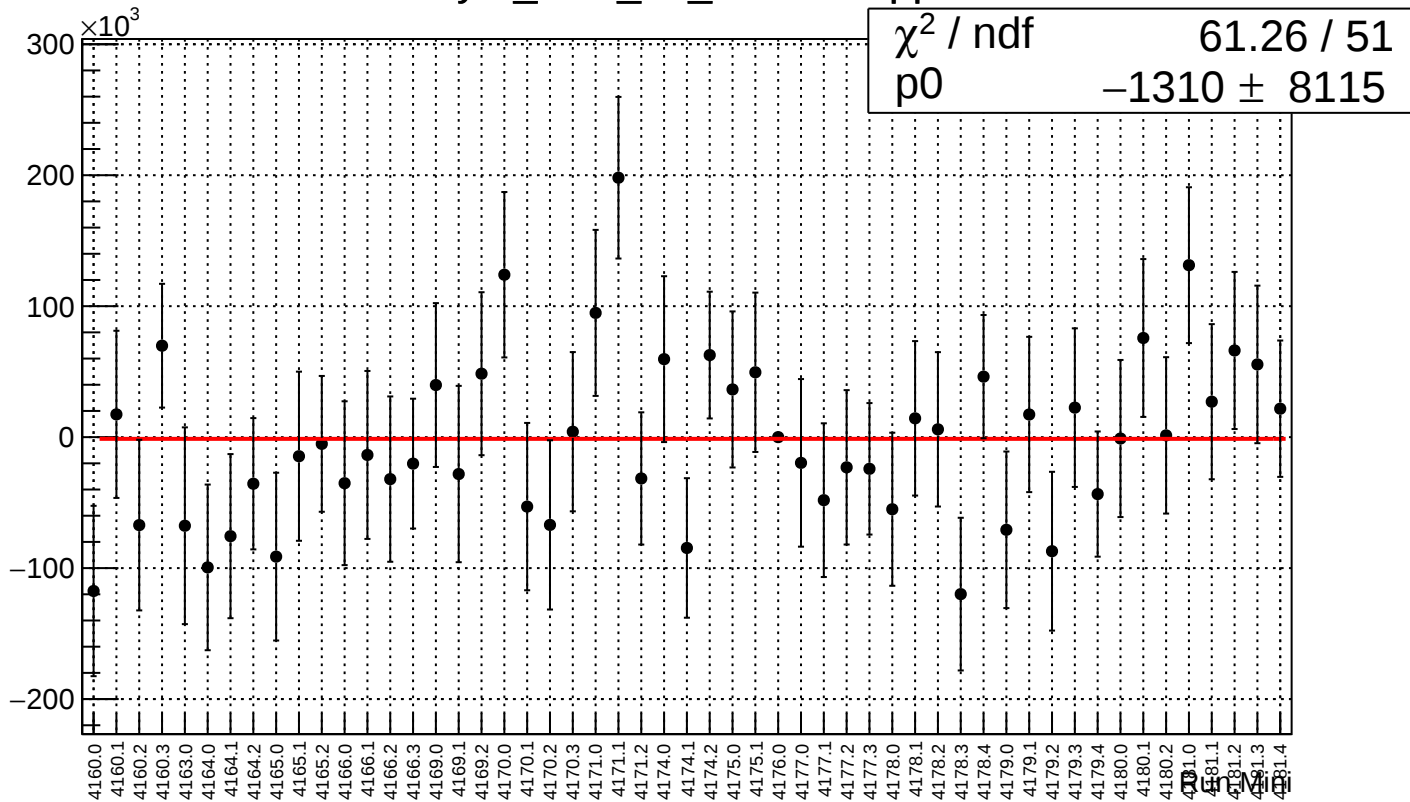
asym_sam2.mean/ppb



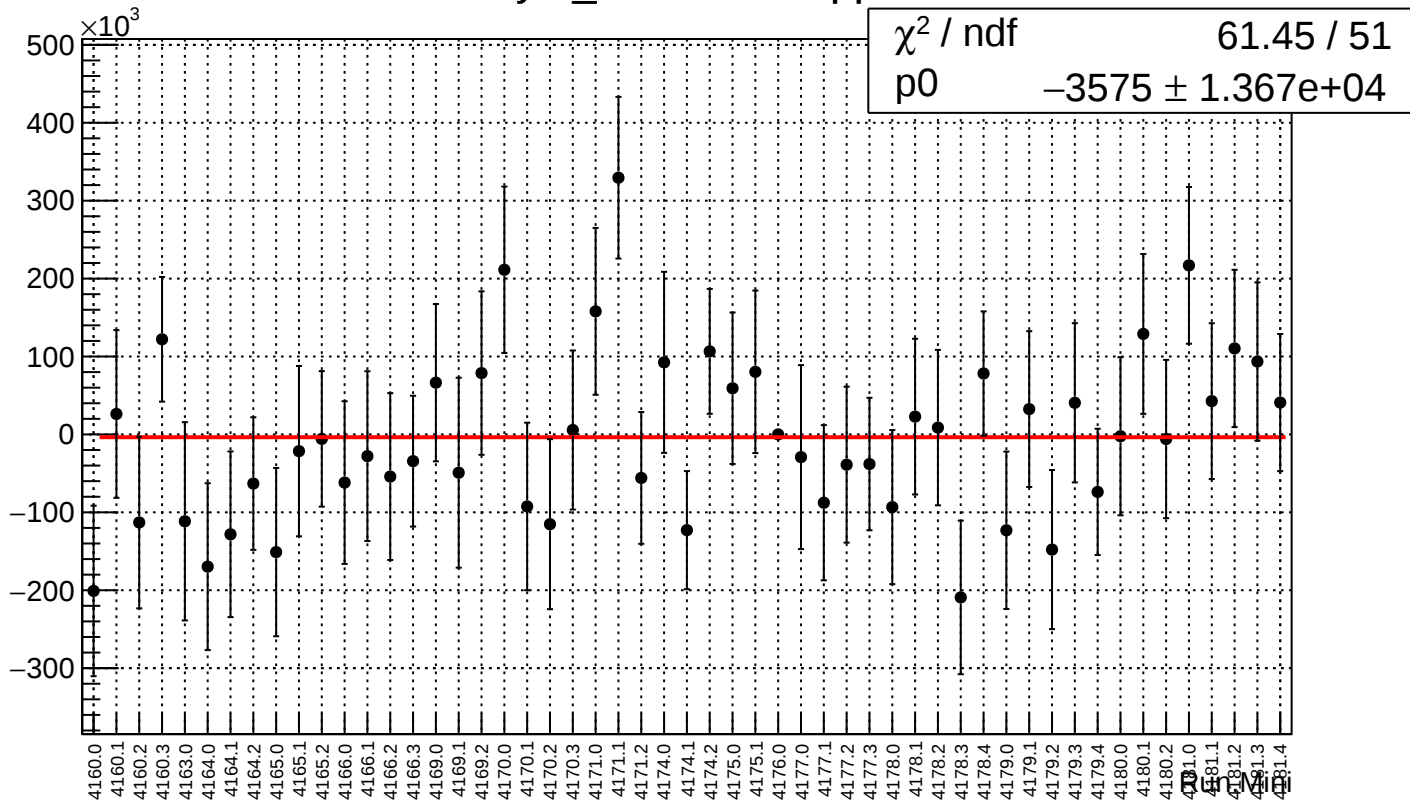
asym_sam_37_avg.mean/ppb



asym_sam_37_dd.mean/ppb



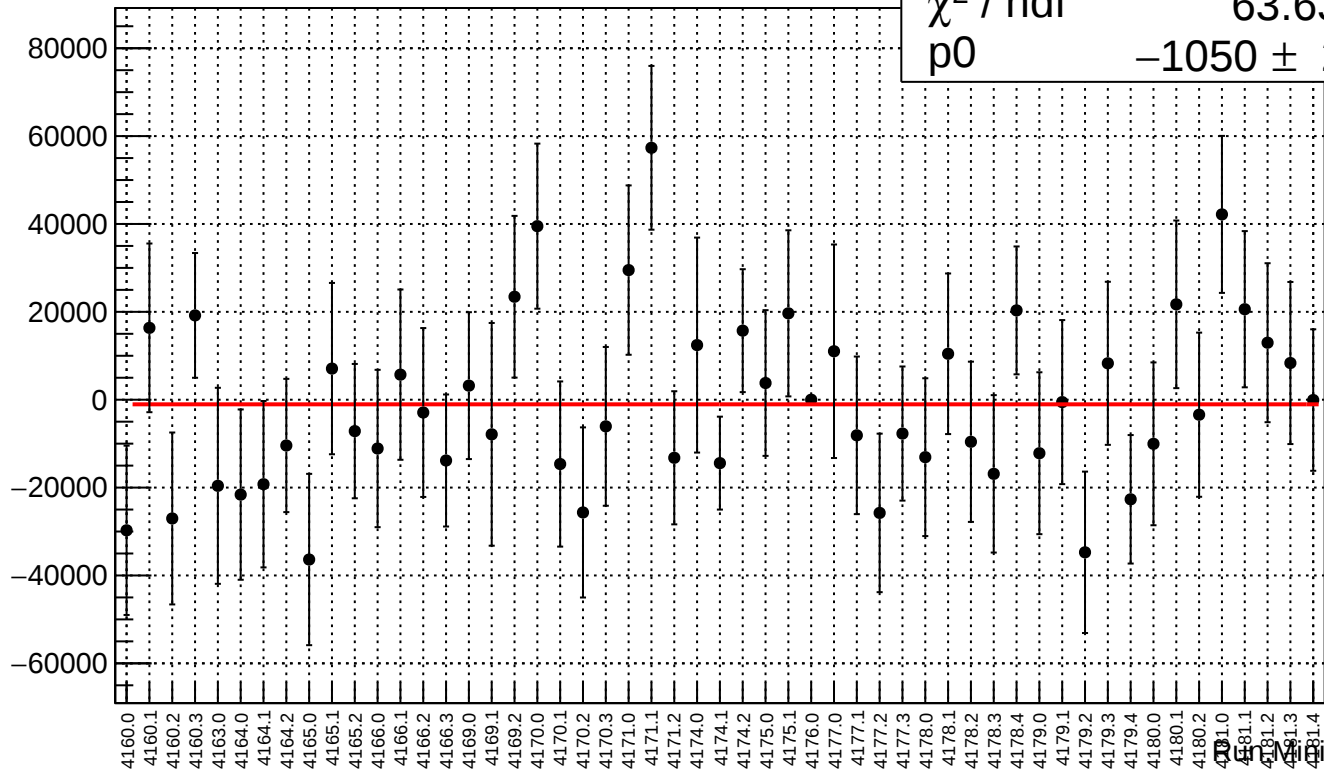
asym_sam3.mean/ppb



asym_sam_48_avg.mean/ppb

χ^2 / ndf
p0

63.63 / 51
-1050 $\pm$ 2433

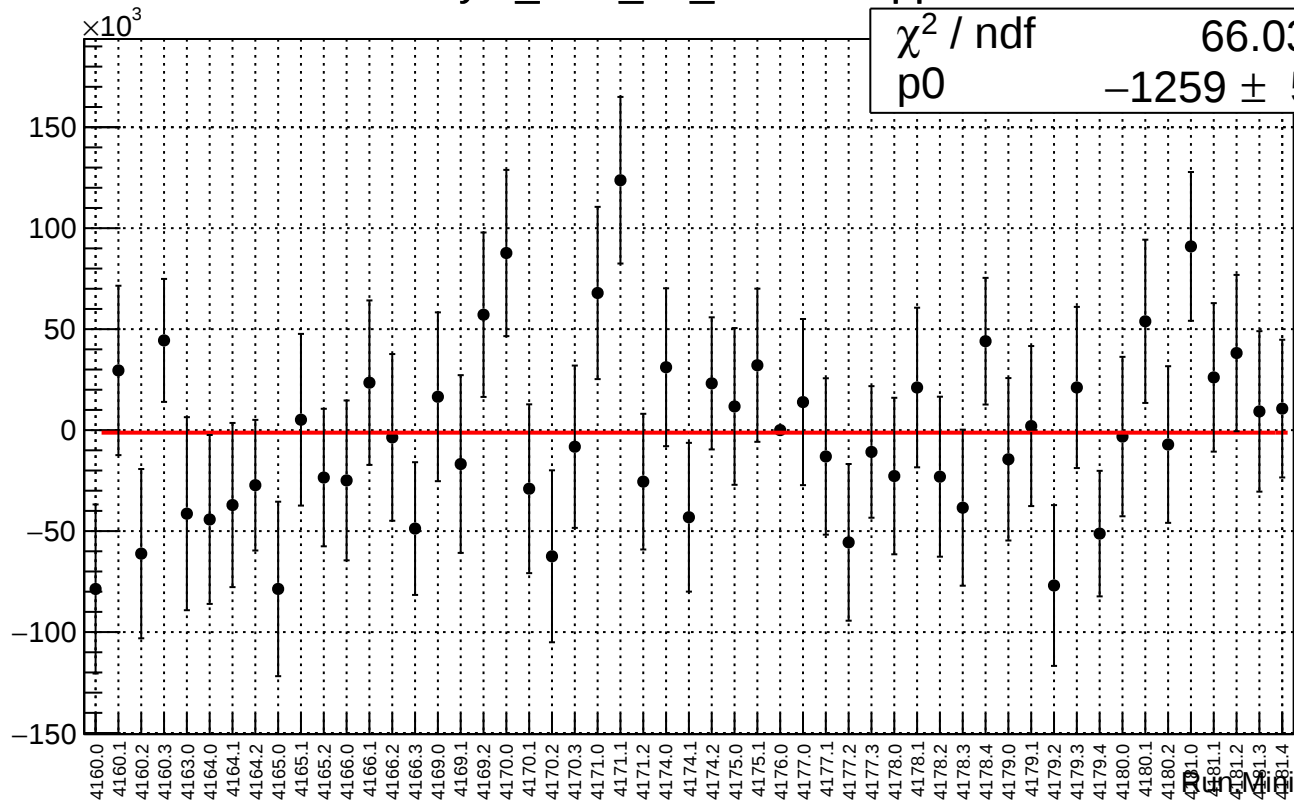


asym_sam_48_dd.mean/ppb

χ^2 / ndf
p0

66.03 / 51

-1259 ± 5315

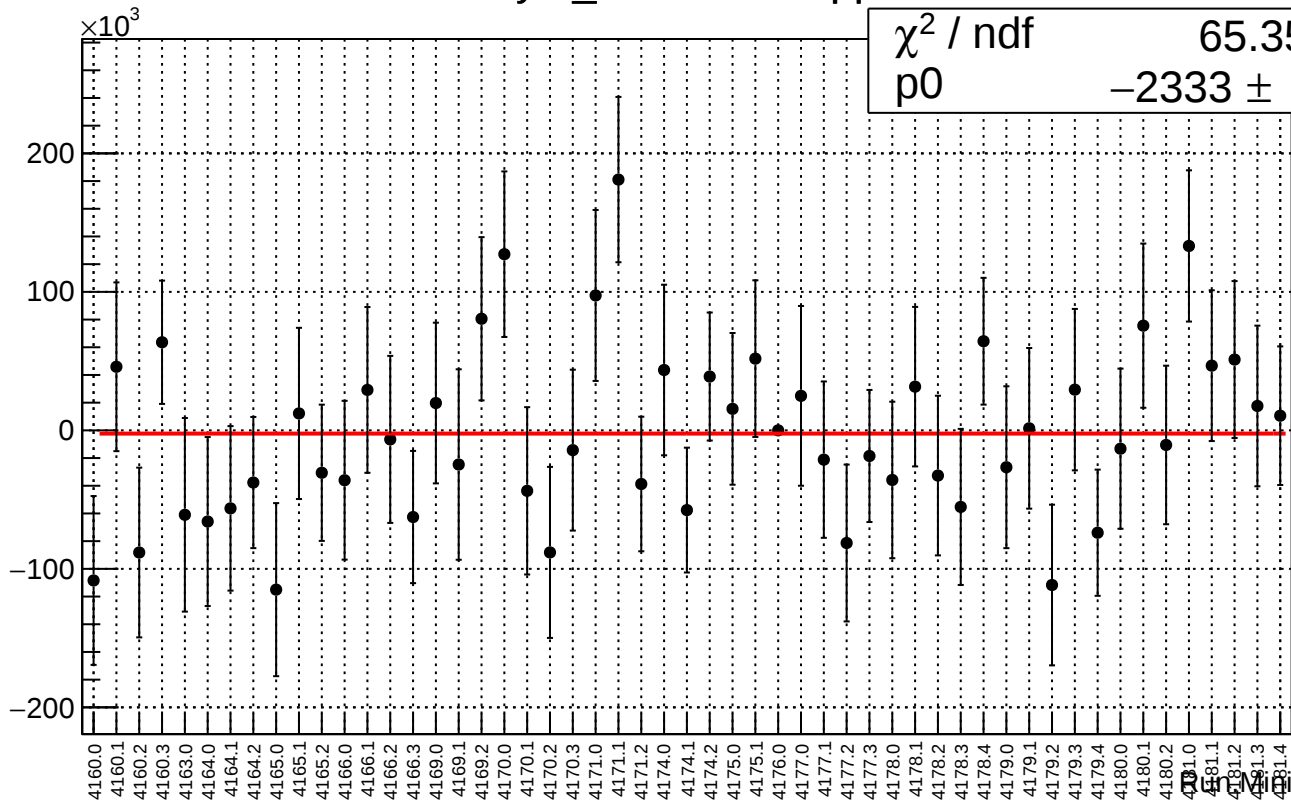


asym_sam4.mean/ppb

χ^2 / ndf
p0

65.35 / 51

-2333 ± 7731



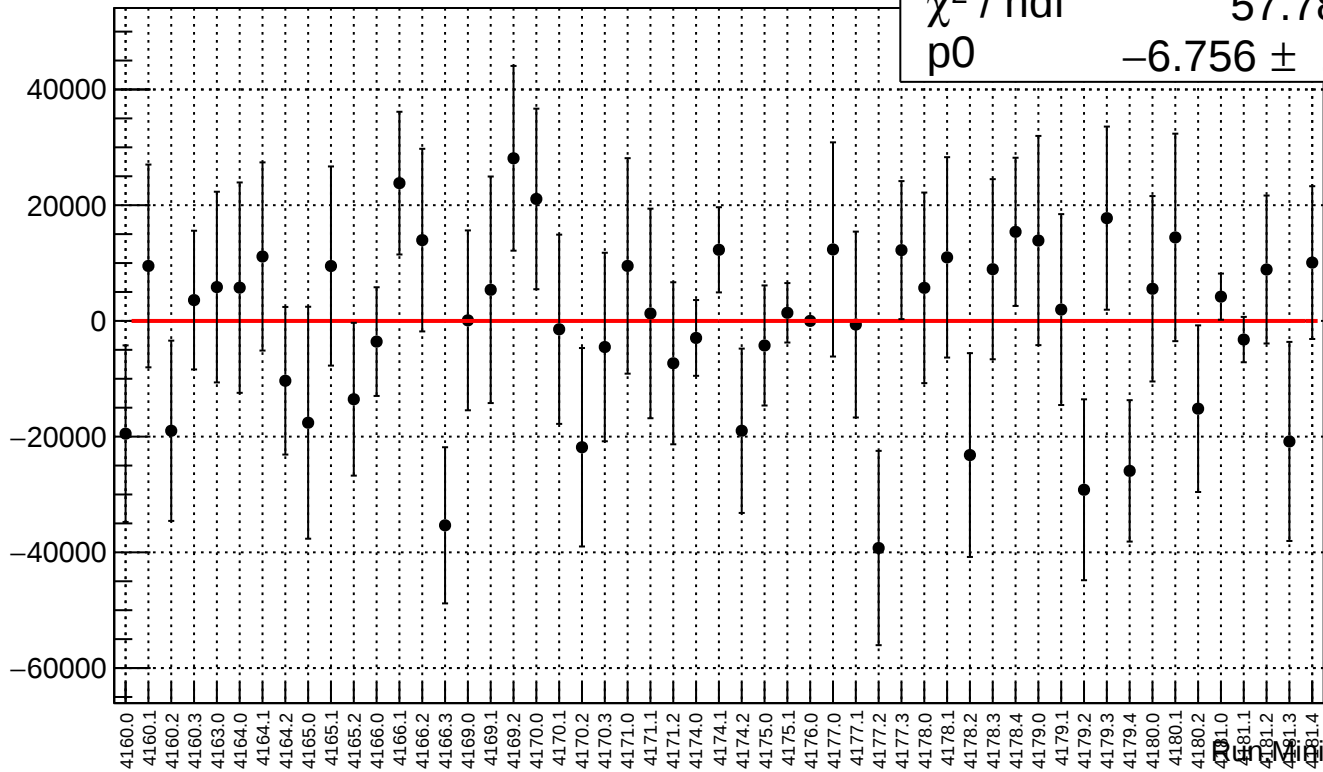
asym_sam5.mean/ppb

χ^2 / ndf

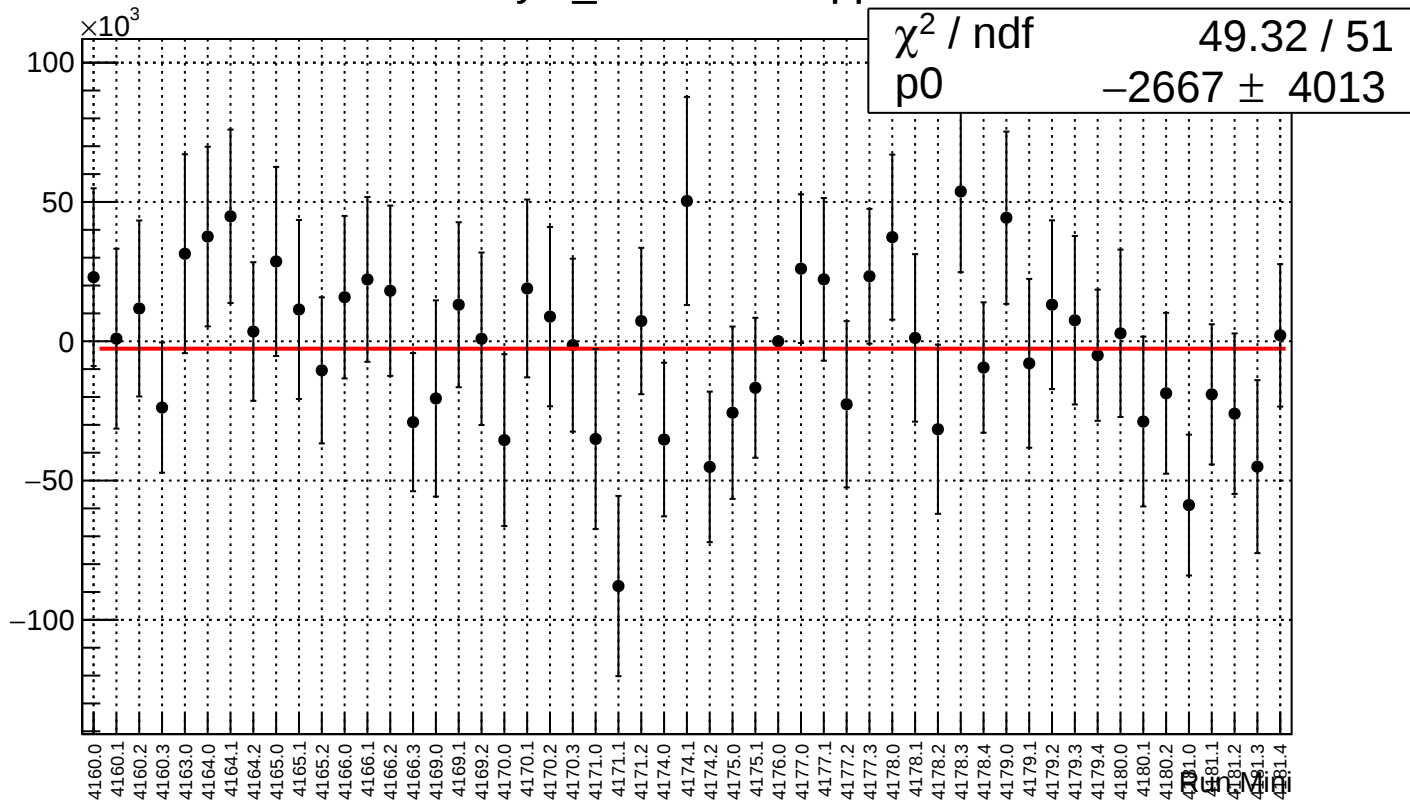
57.78 / 51

p0

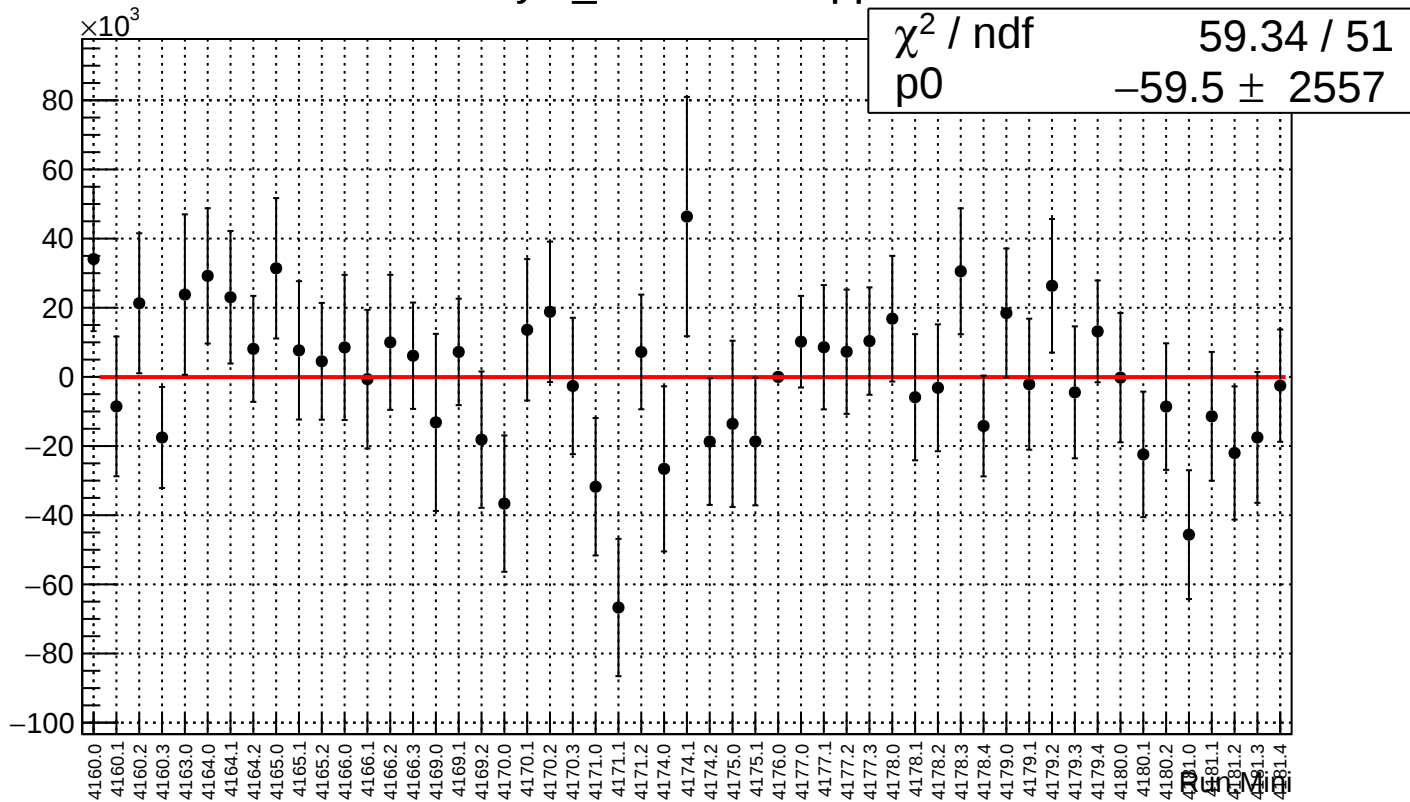
-6.756 ± 1544



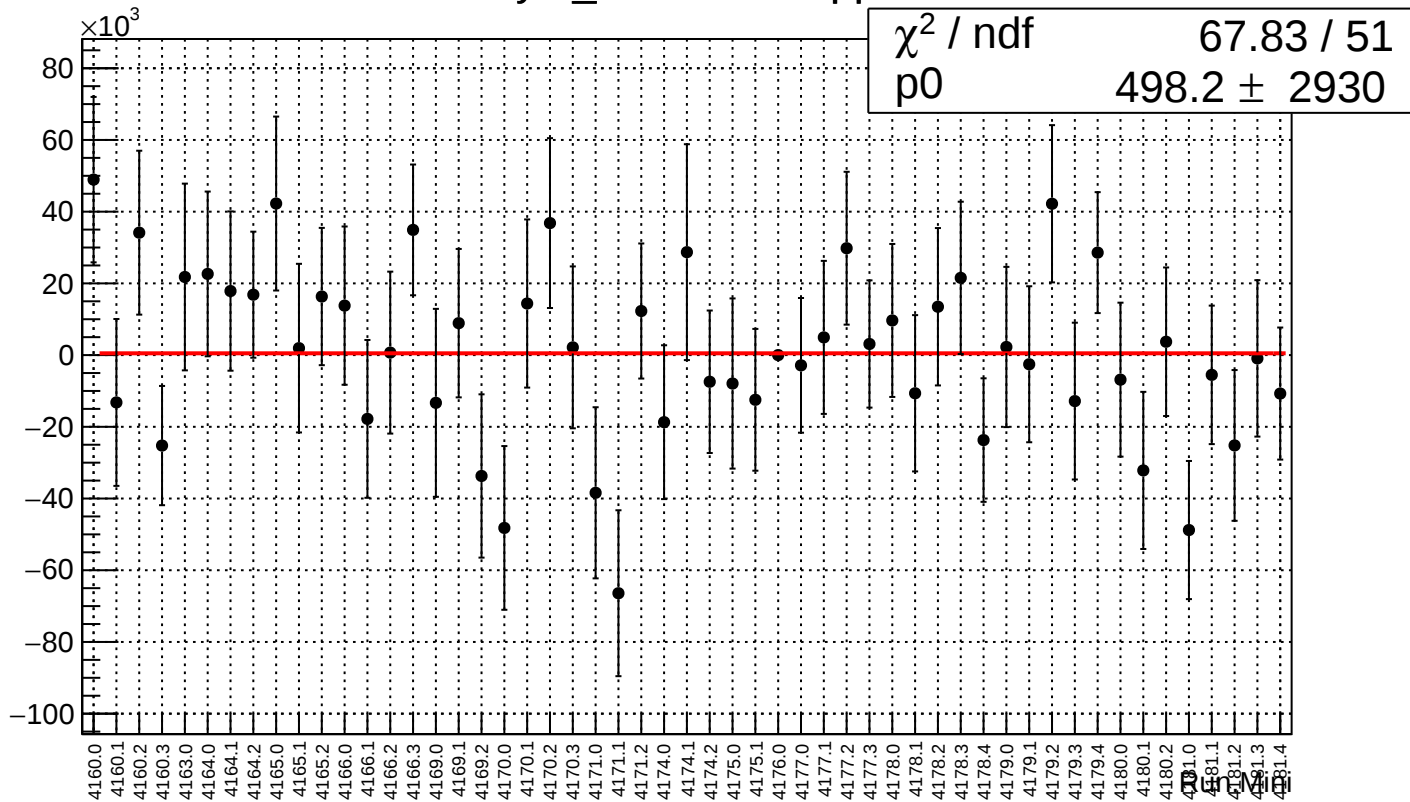
asym_sam6.mean/ppb



asym_sam7.mean/ppb



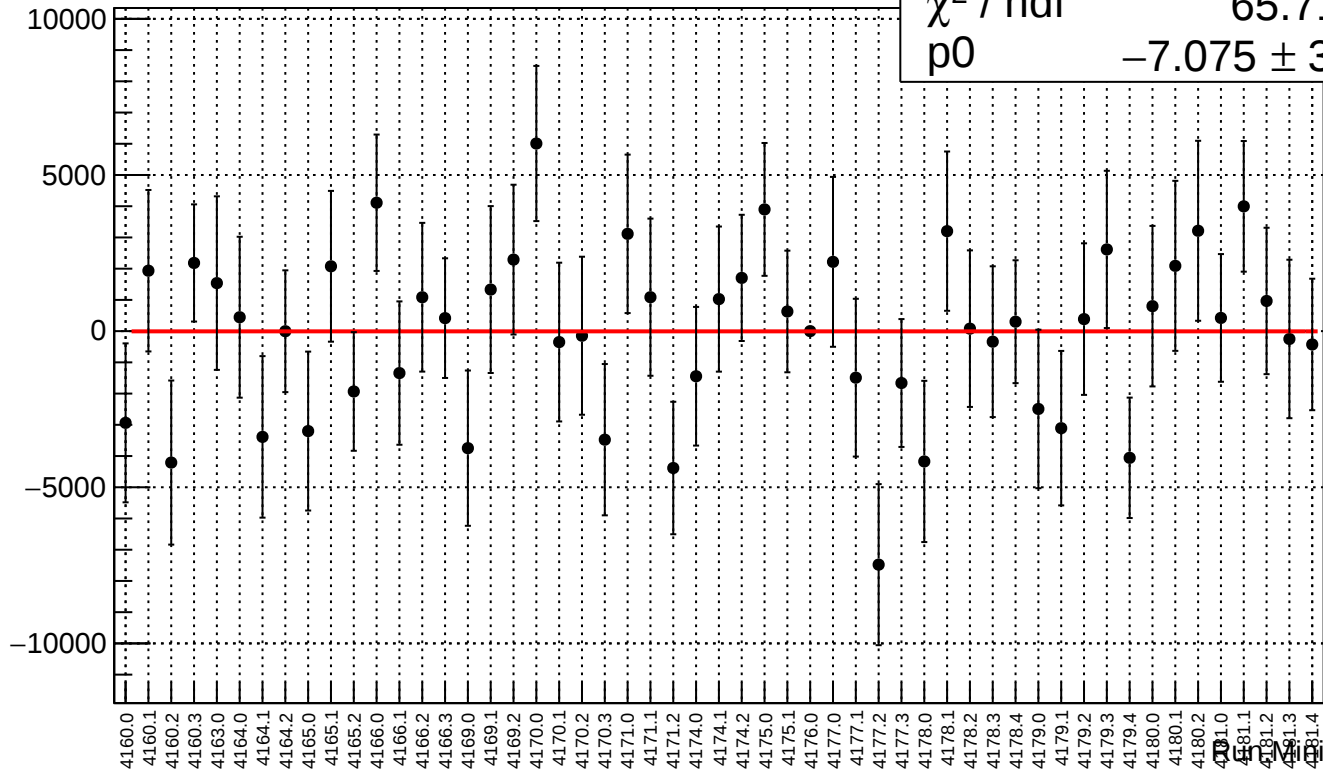
asym_sam8.mean/ppb



asym_us_avg.mean/ppb

χ^2 / ndf
p0

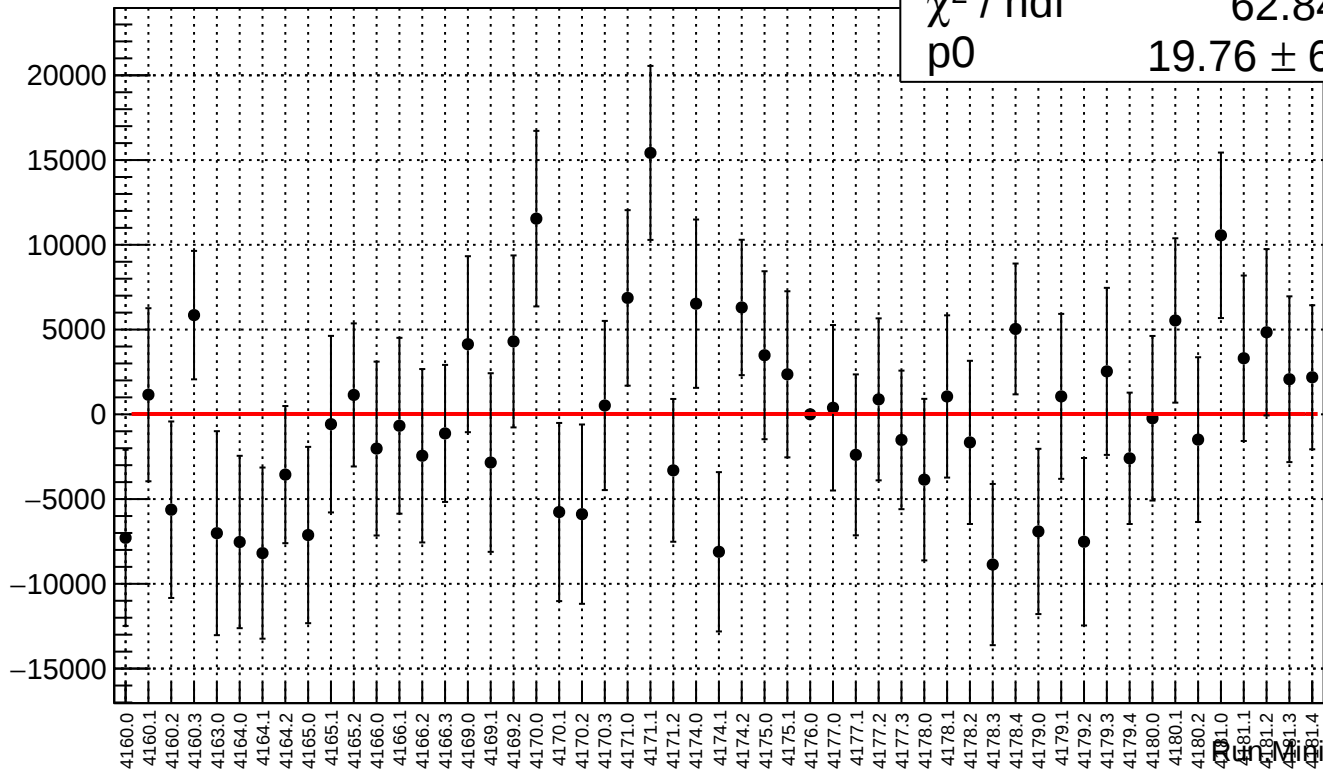
65.71 / 51
 -7.075 ± 323.2



asym_us_dd.mean/ppb

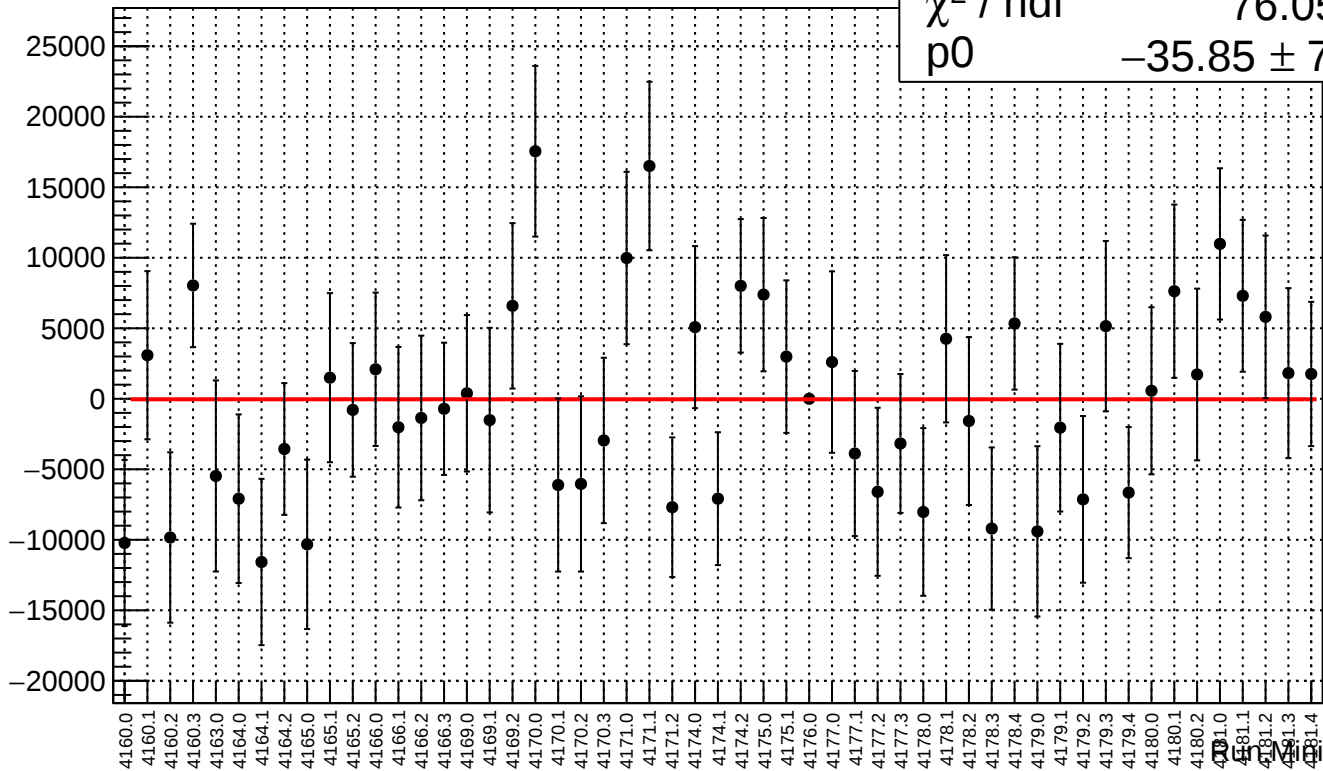
χ^2 / ndf
p0

62.84 / 51
 19.76 ± 660.5



asym_usl.mean/ppb

χ^2 / ndf 76.05 / 51
p0 -35.85 ± 774.7

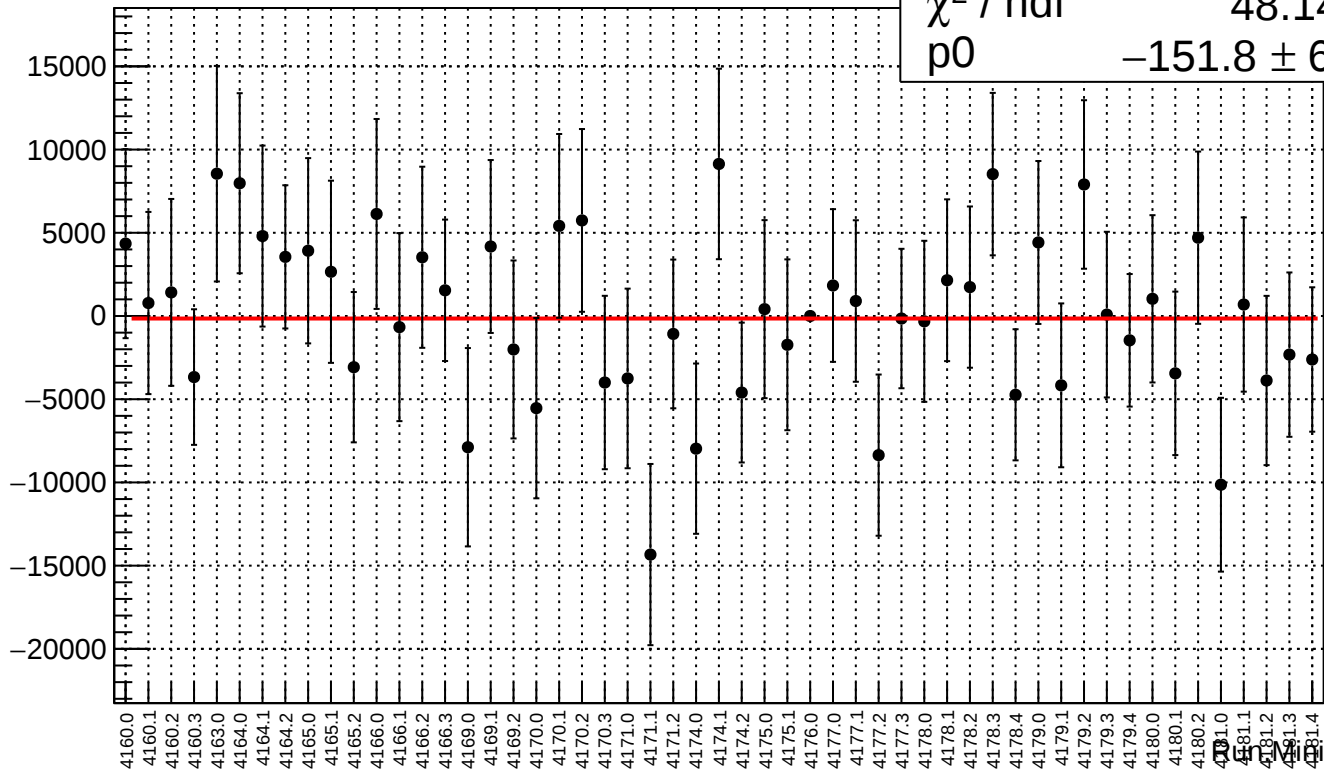


asym_usr.mean/ppb

χ^2 / ndf
p0

48.14 / 51

-151.8 ± 690.8



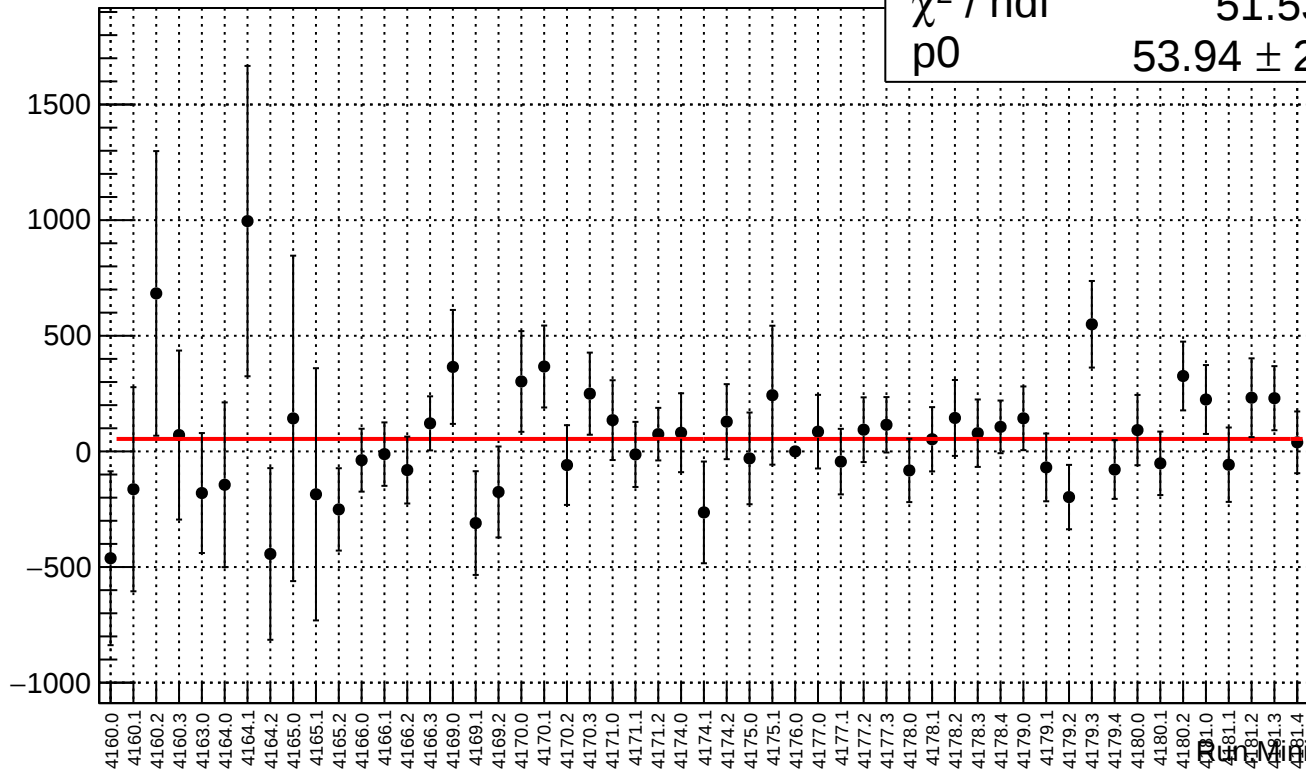
bcm_an_us_ds3_dd.mean/ppb

χ^2 / ndf

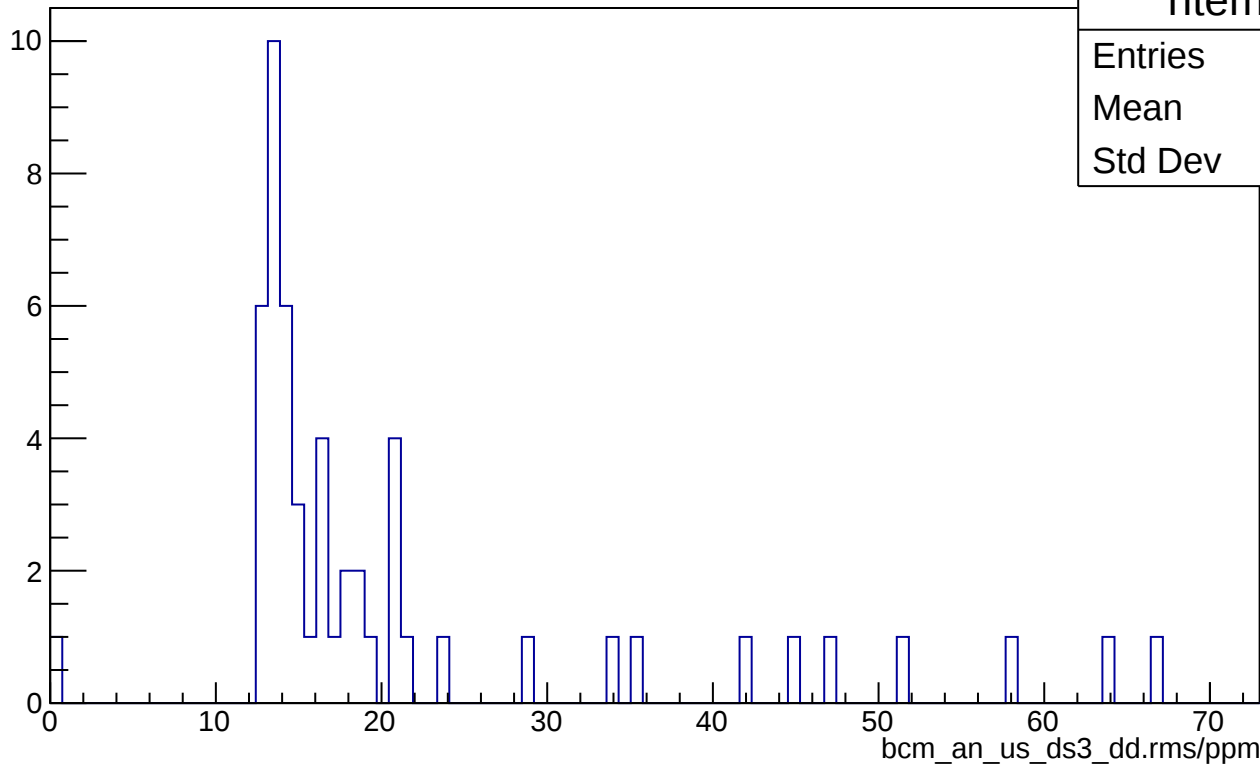
51.53 / 51

p0

53.94 ± 23.08



bcm_an_us_ds3_dd.rms/ppm



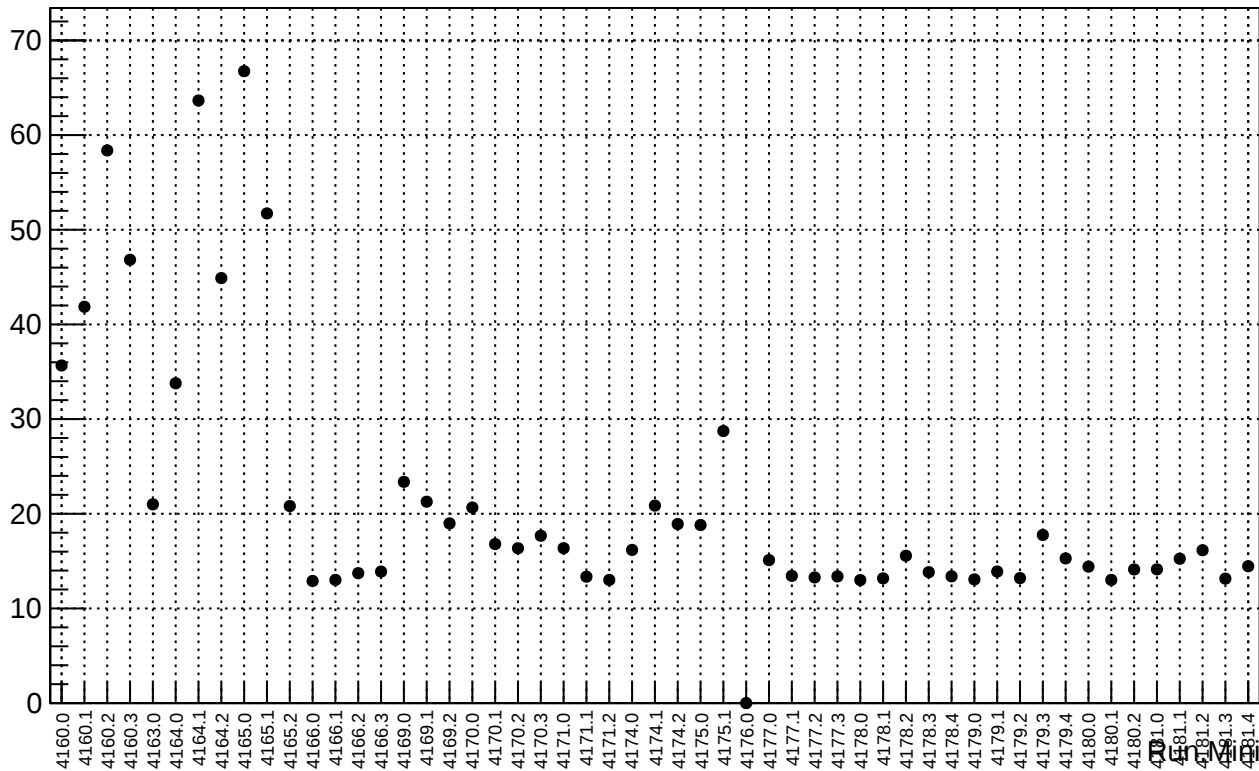
htemp

Entries 53

Mean 21.36

Std Dev 13.96

bcm_an_us_ds3_dd.rms/ppm

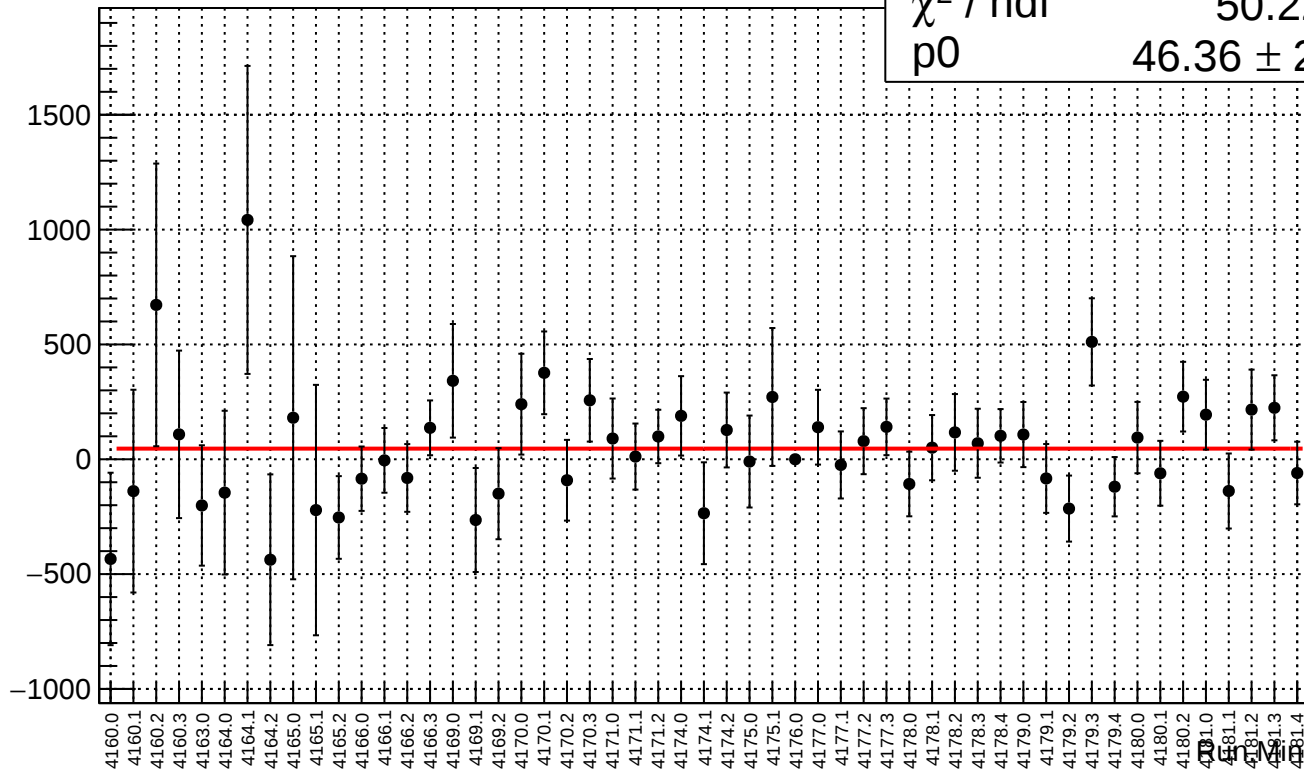


bcm_an_us_ds_dd.mean/ppb

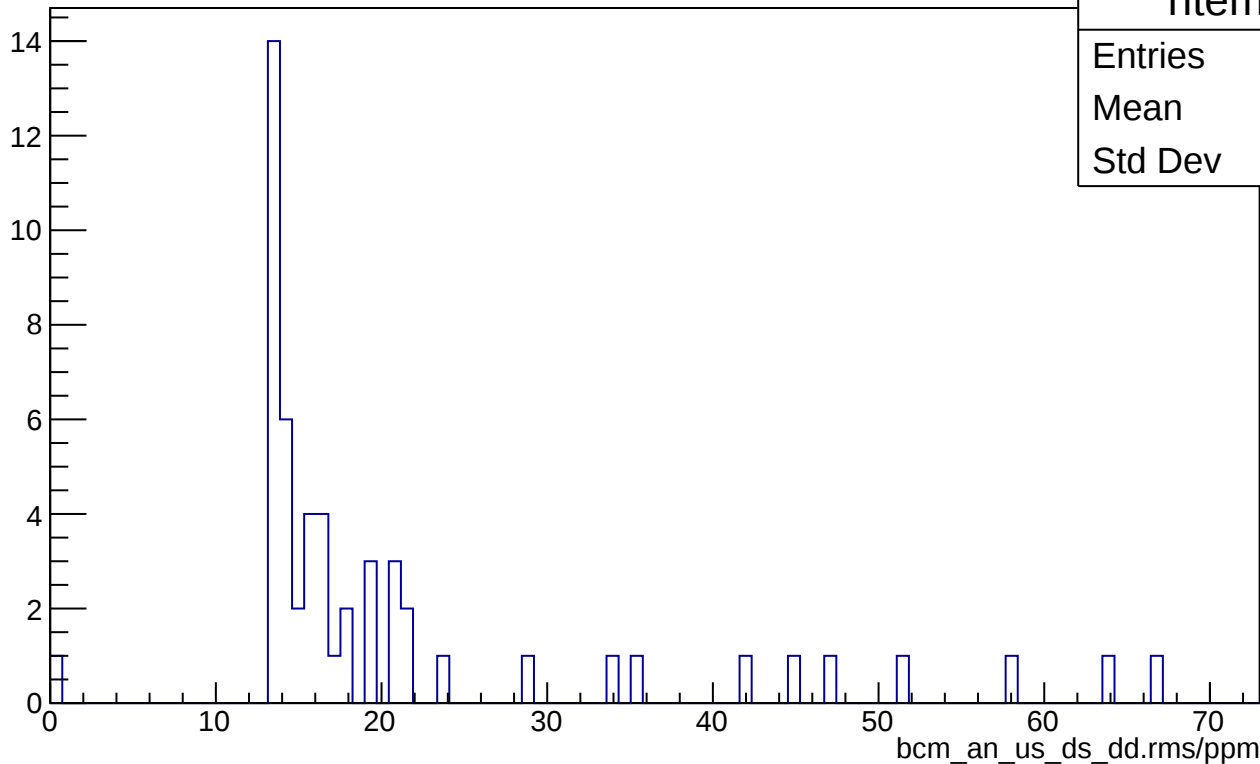
χ^2 / ndf
p0

50.22 / 51

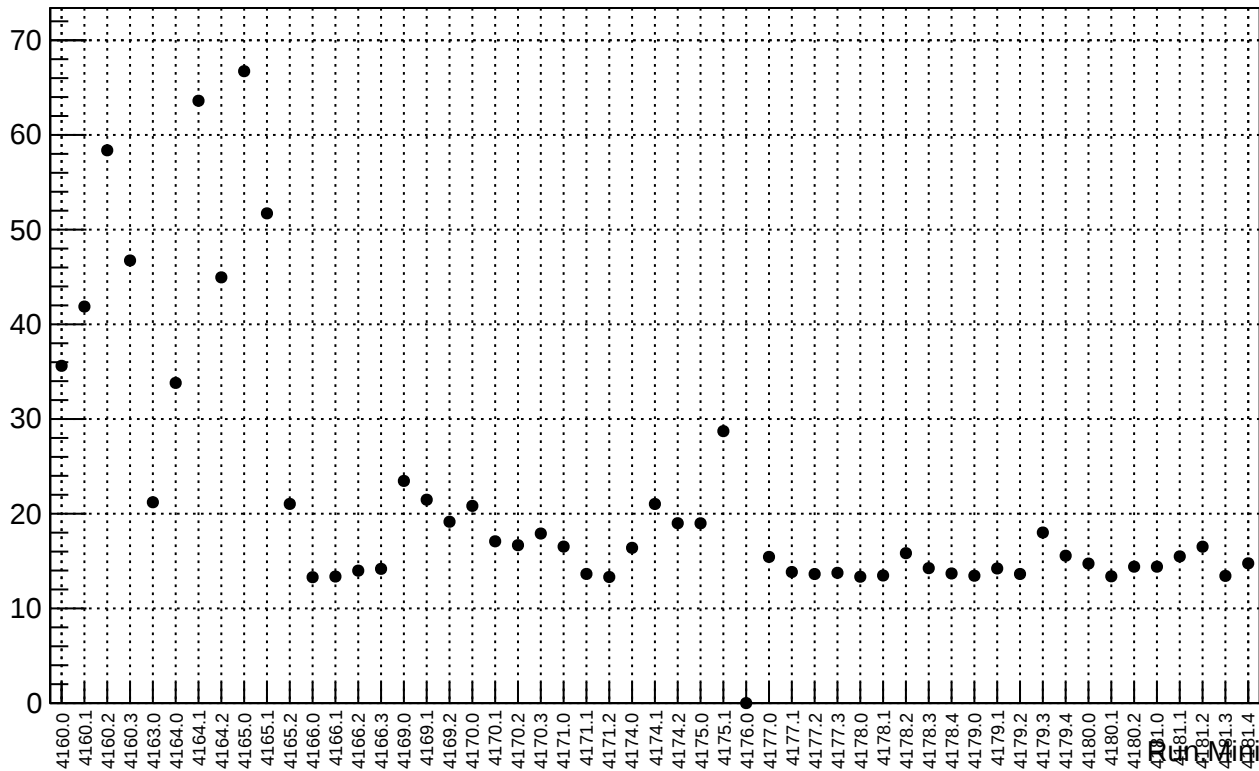
46.36 ± 23.55



bcm_an_us_ds_dd.rms/ppm



bcm_an_us_ds_dd.rms/ppm



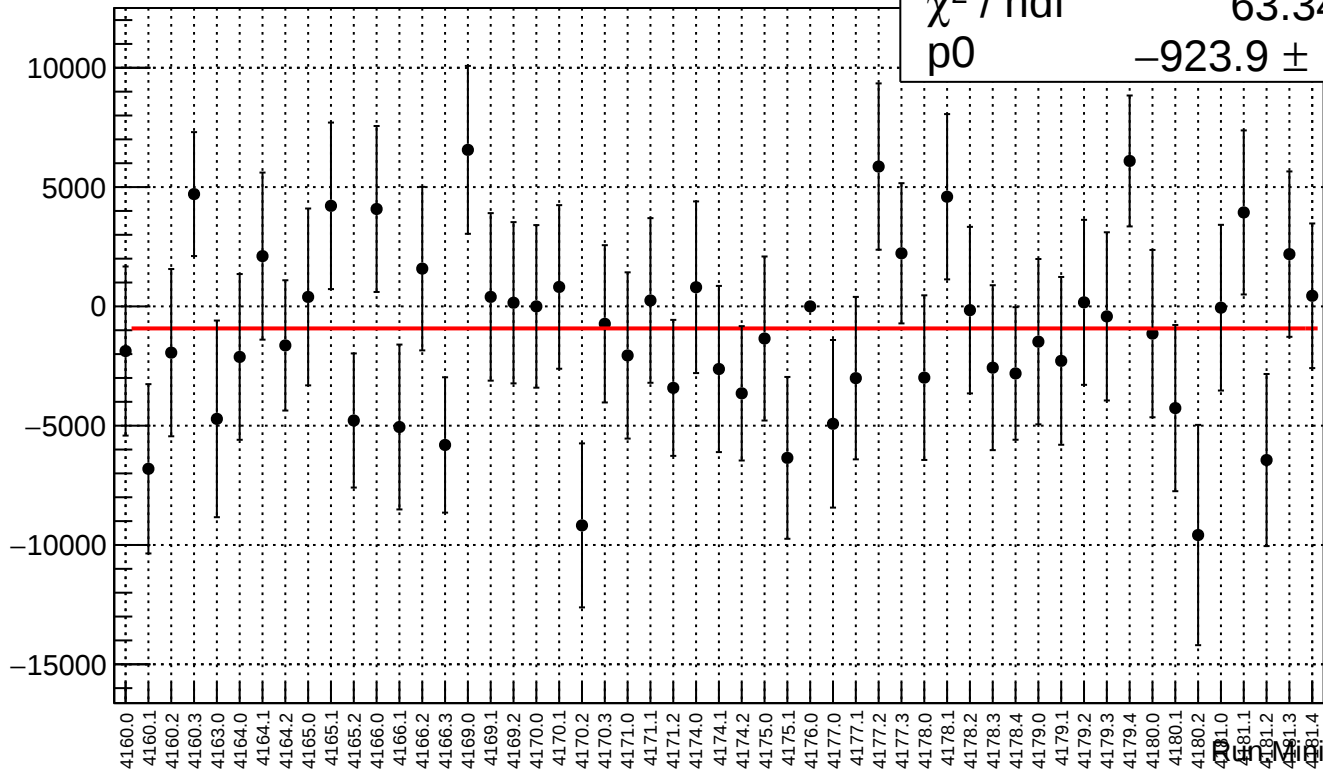
reg_asym_at1_avg.mean/ppb

χ^2 / ndf

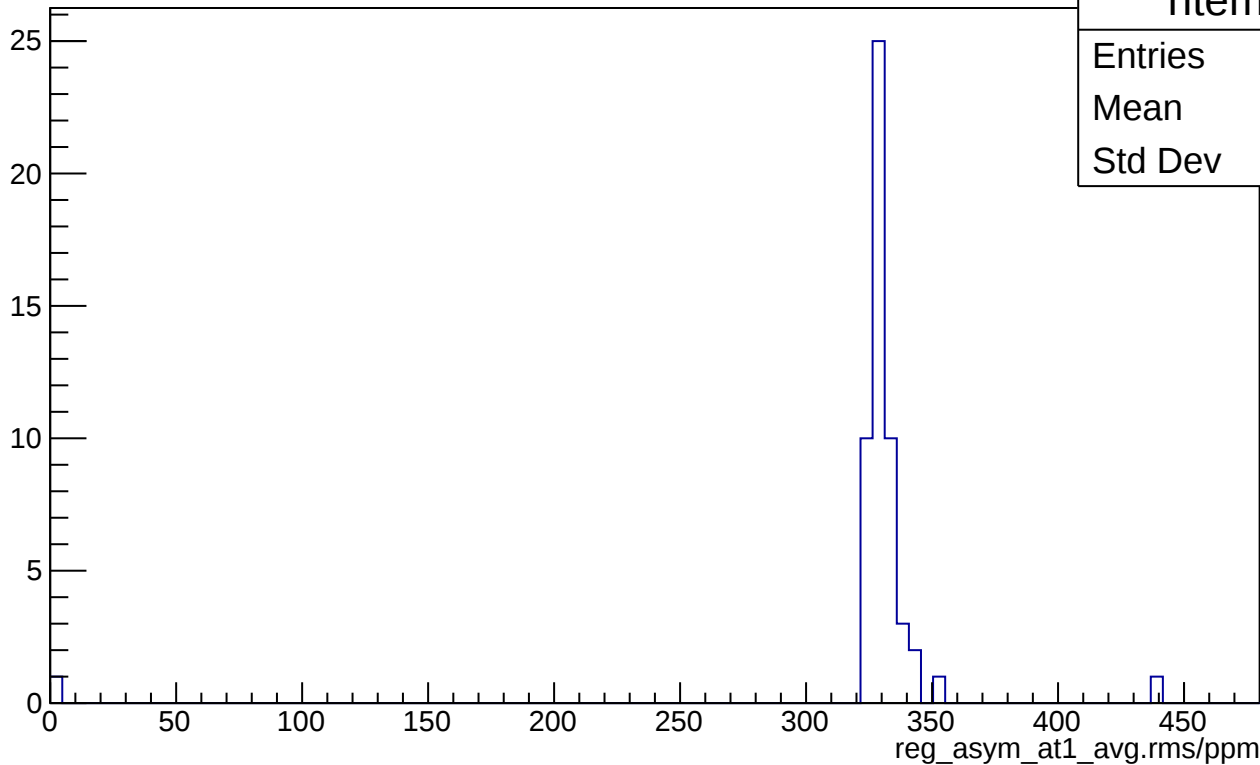
63.34 / 51

p0

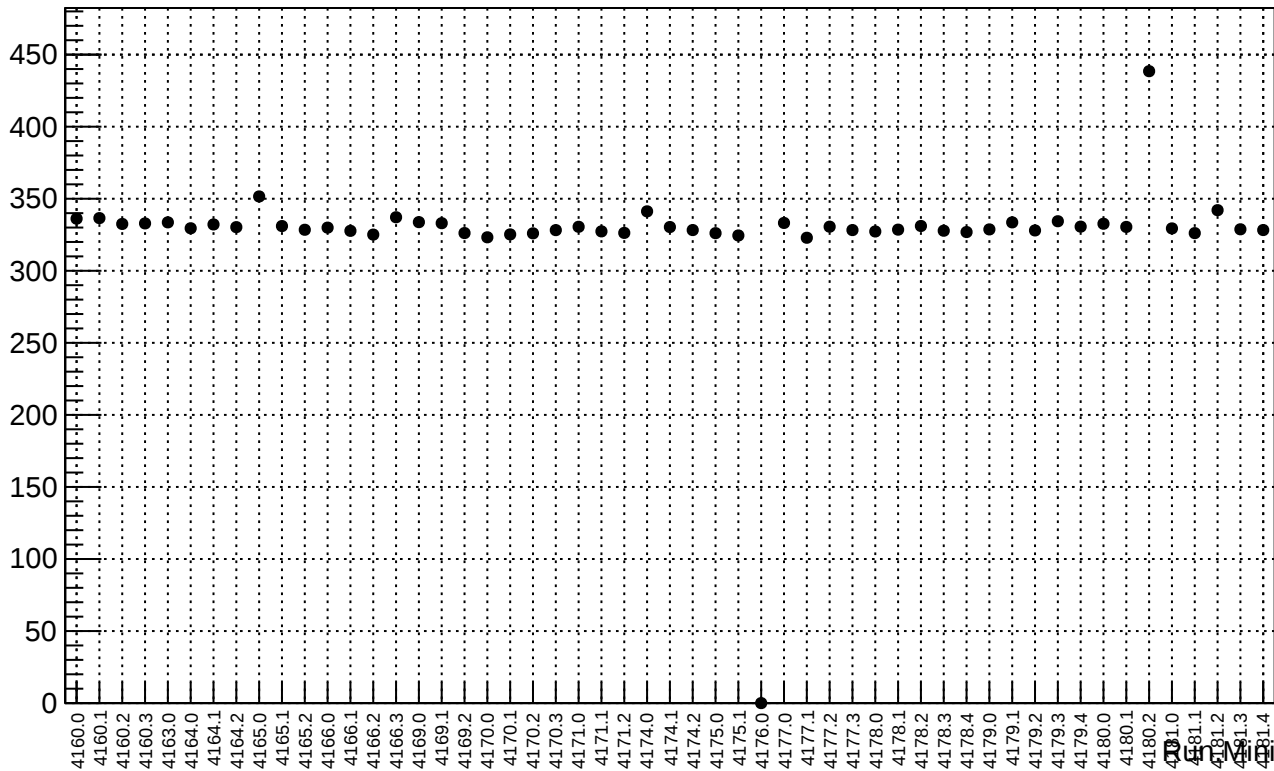
-923.9 ± 462



reg_asym_at1_avg.rms/ppm



reg_asym_at1_avg.rms/ppm



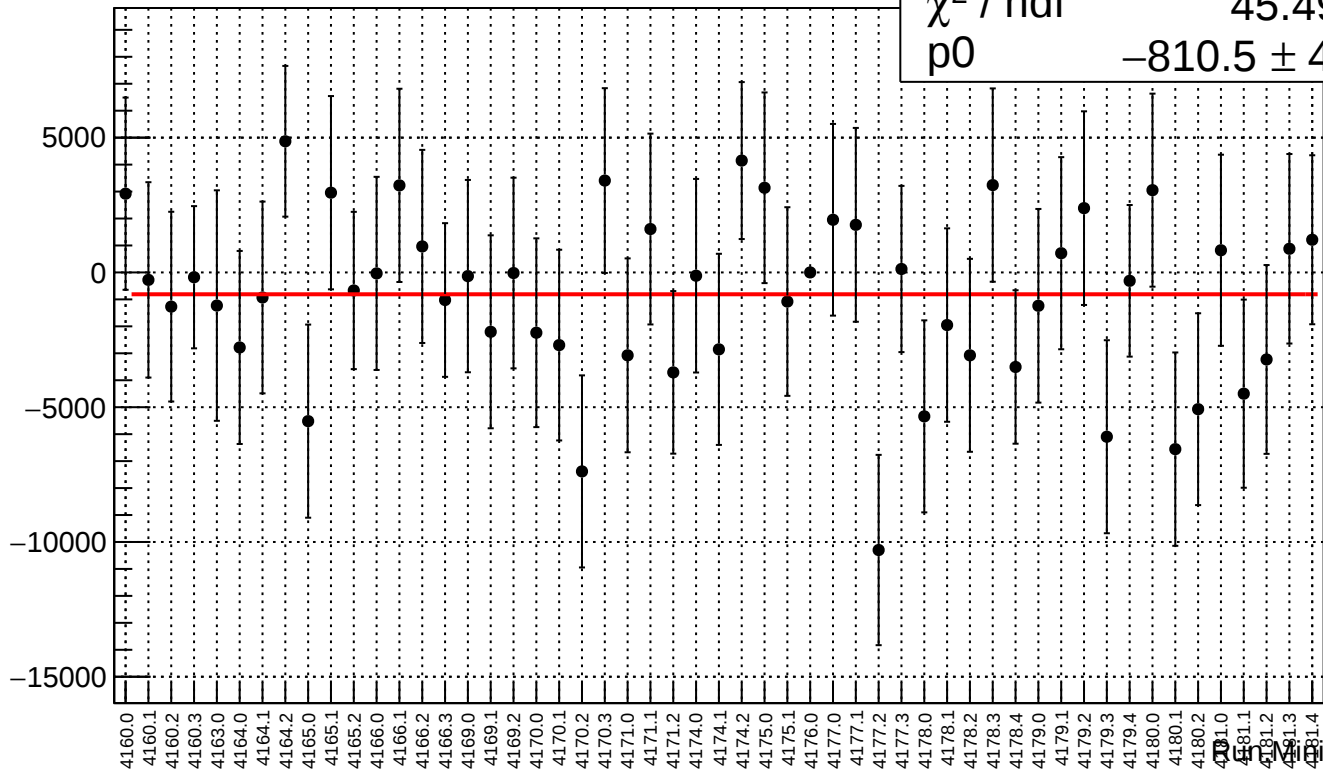
reg_asym_at1_dd.mean/ppb

χ^2 / ndf

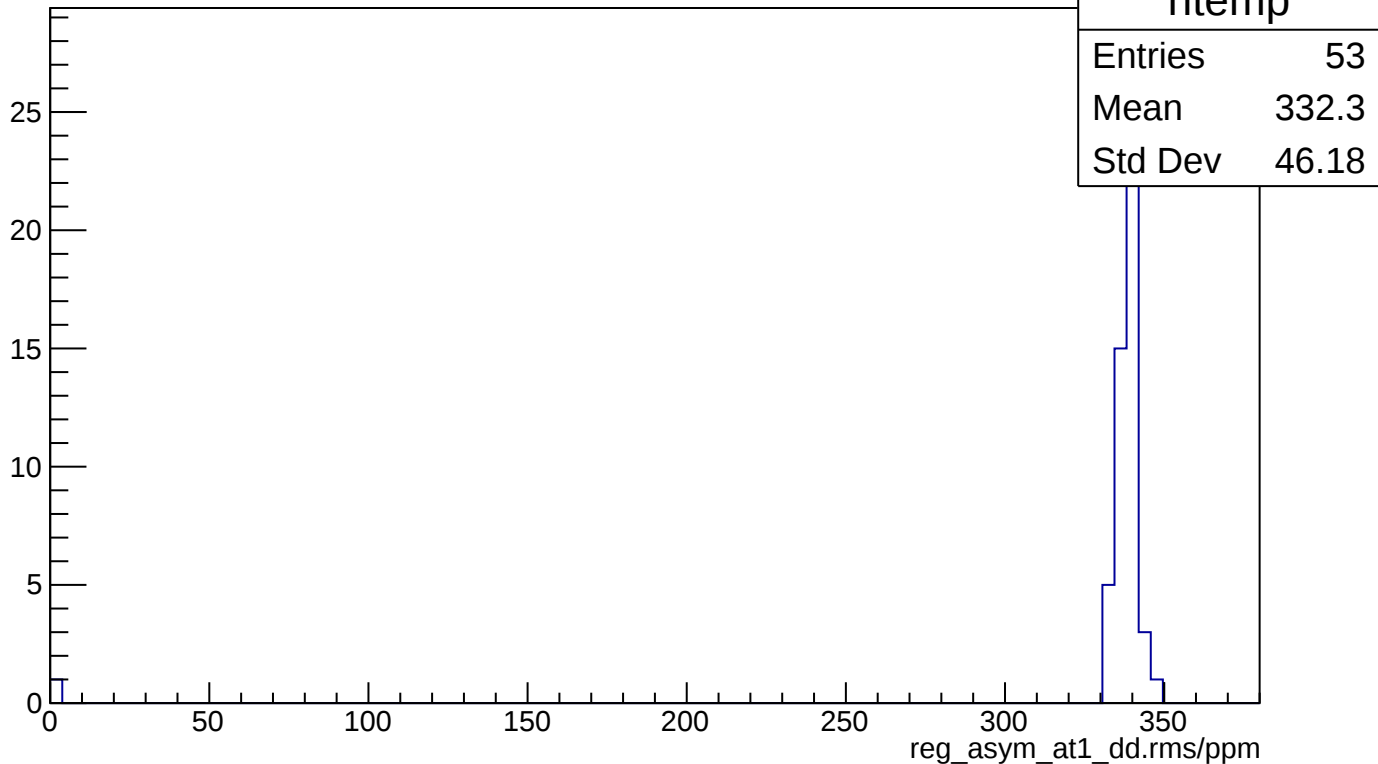
45.49 / 51

p0

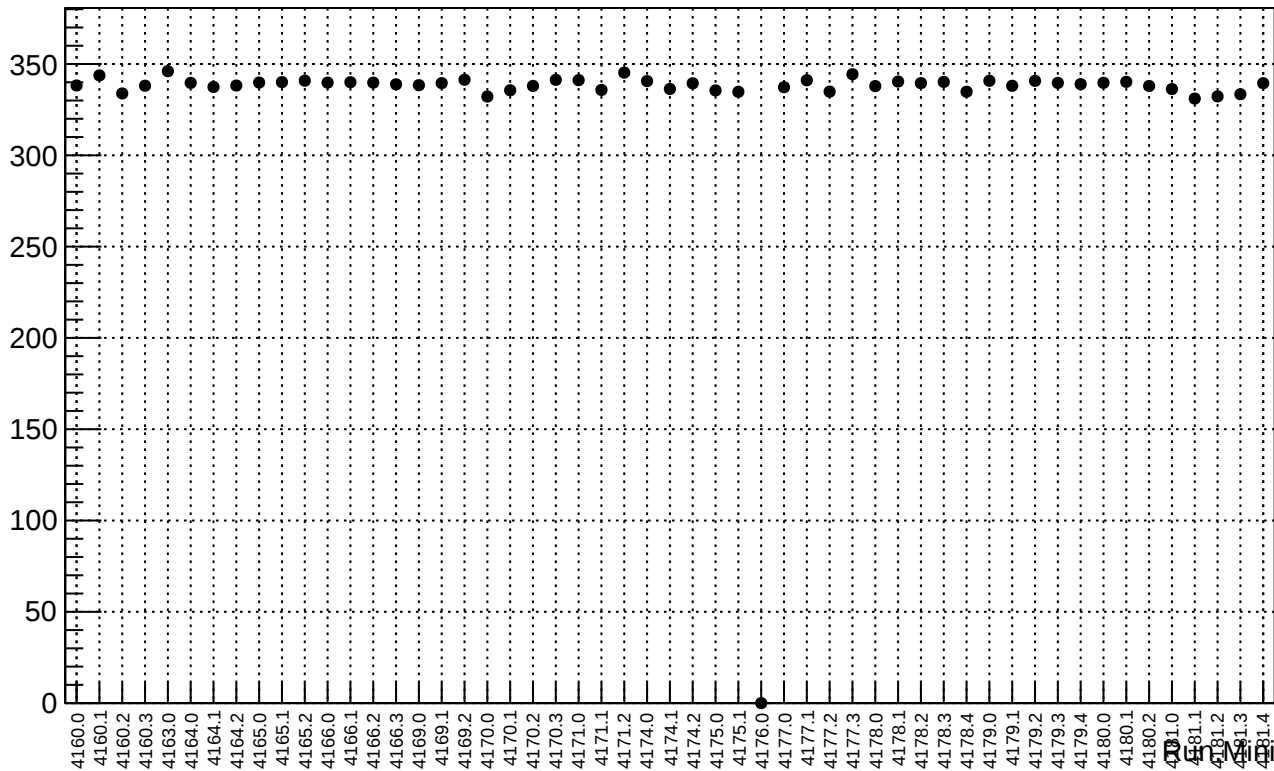
-810.5 ± 471.9



reg_asym_at1_dd.rms/ppm



reg_asym_at1_dd.rms/ppm

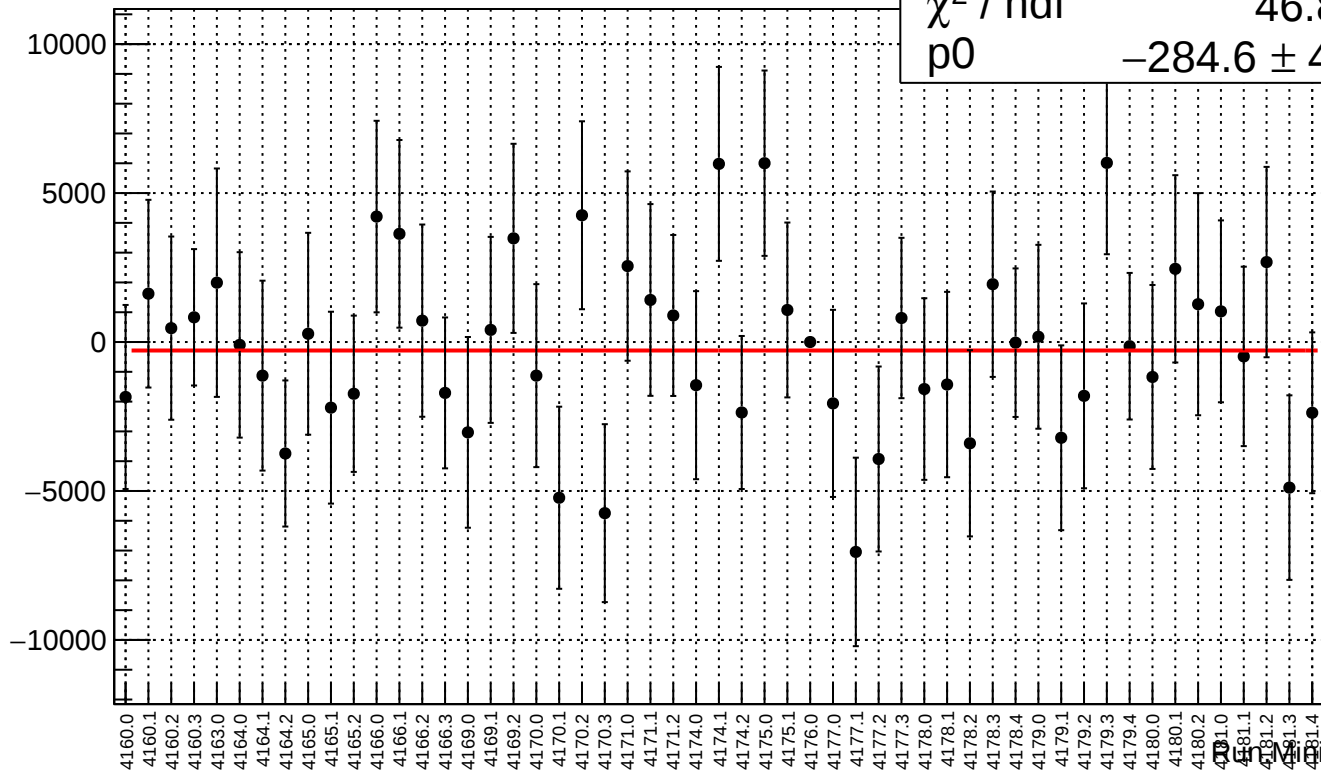


reg_asym_at2_avg.mean/ppb

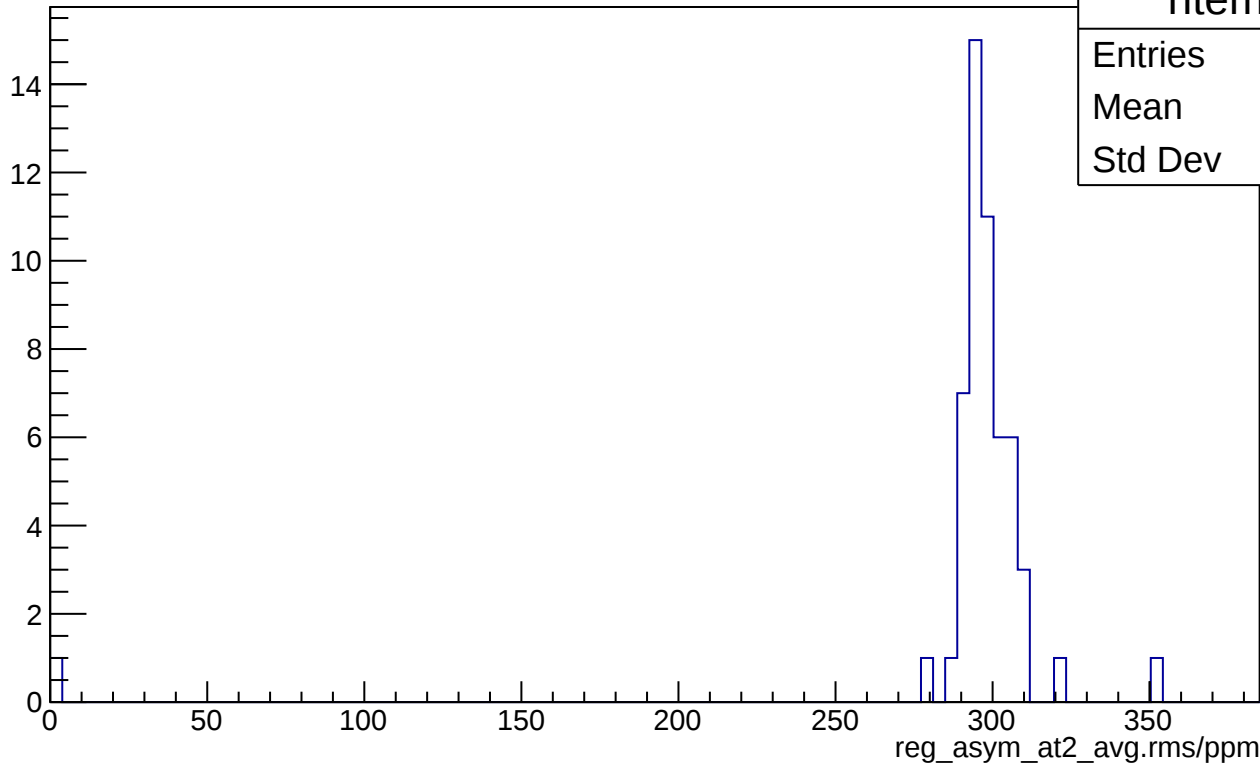
χ^2 / ndf
p0

46.8 / 51

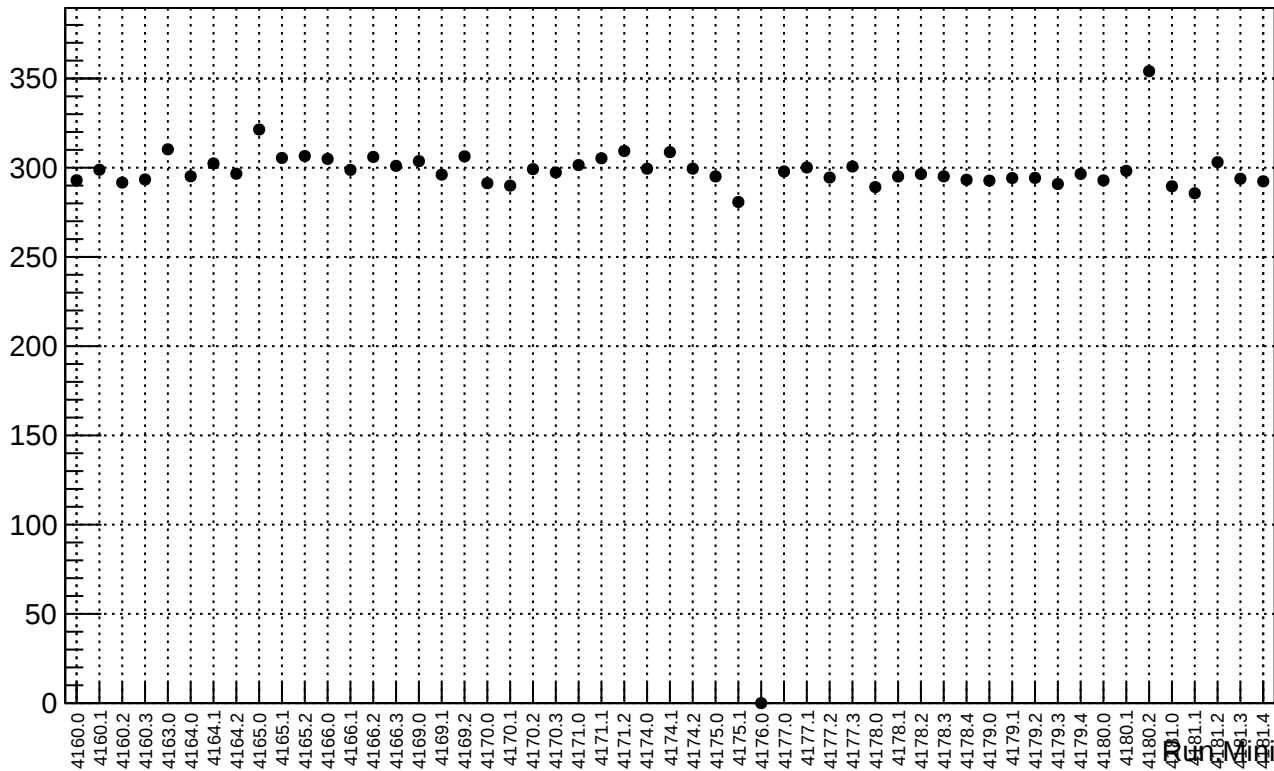
-284.6 ± 415.9



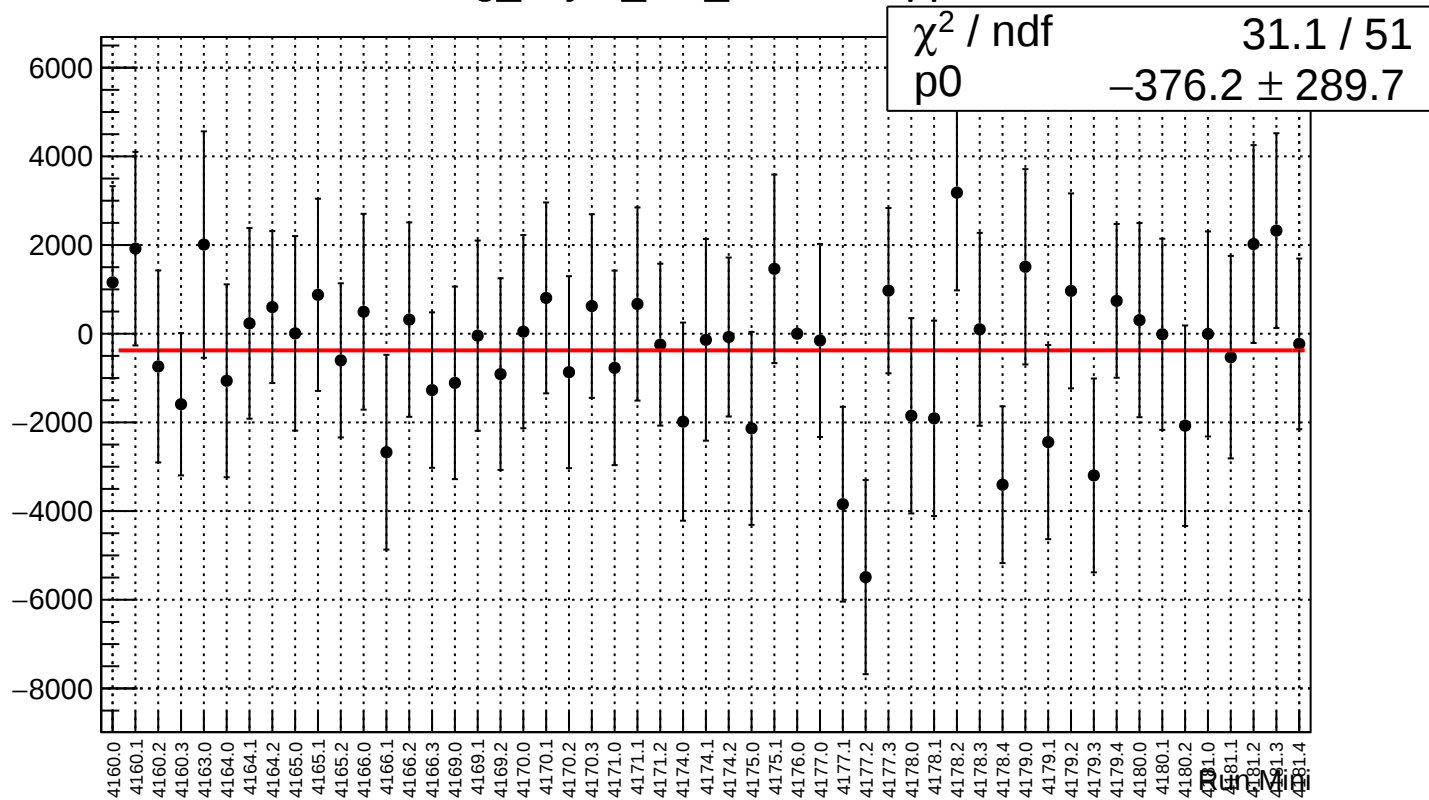
reg_asym_at2_avg.rms/ppm



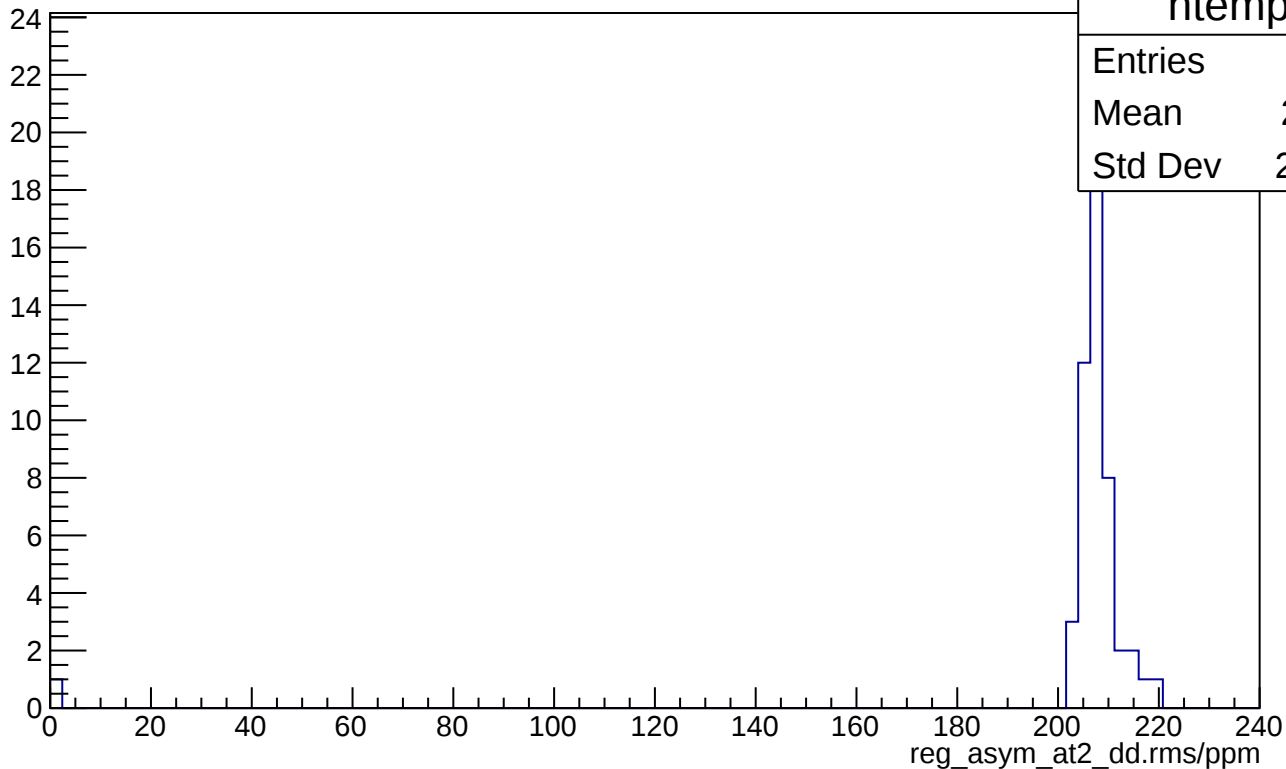
reg_asym_at2_avg.rms/ppm



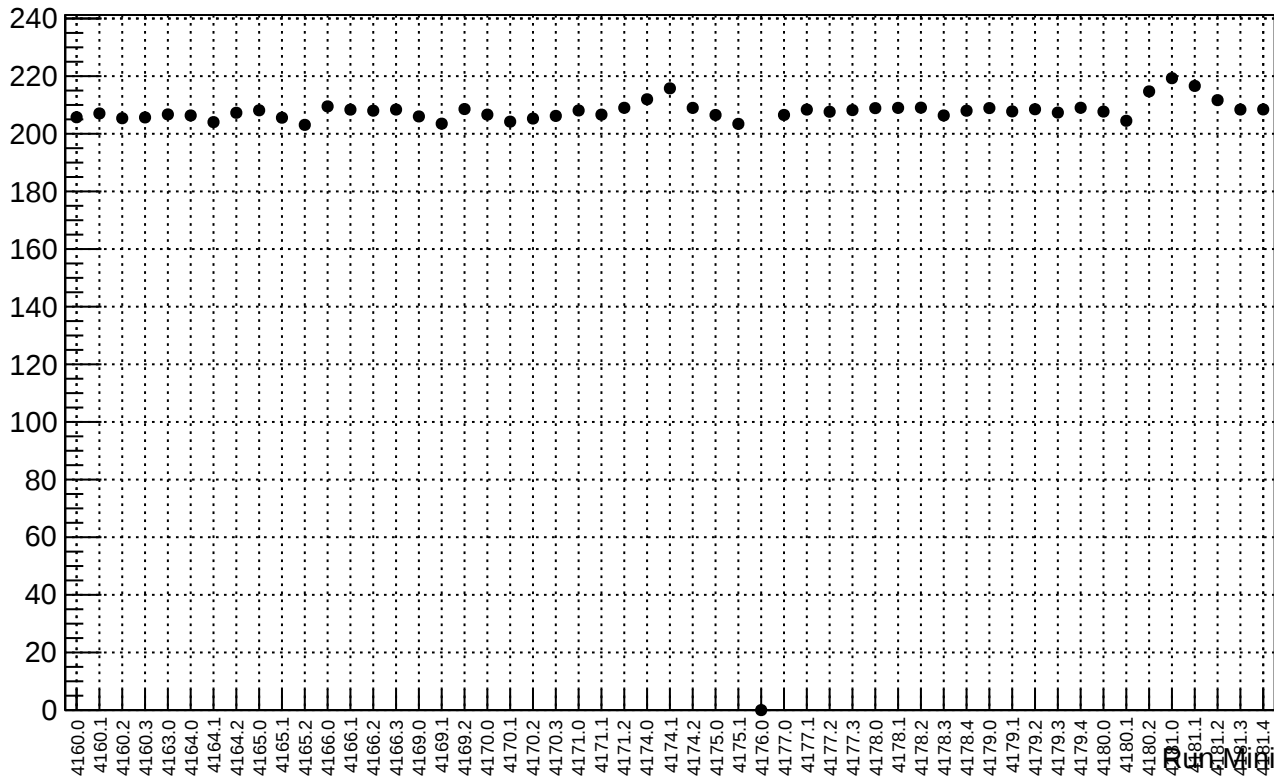
reg_asym_at2_dd.mean/ppb



reg_asym_at2_dd.rms/ppm



reg_asym_at2_dd.rms/ppm



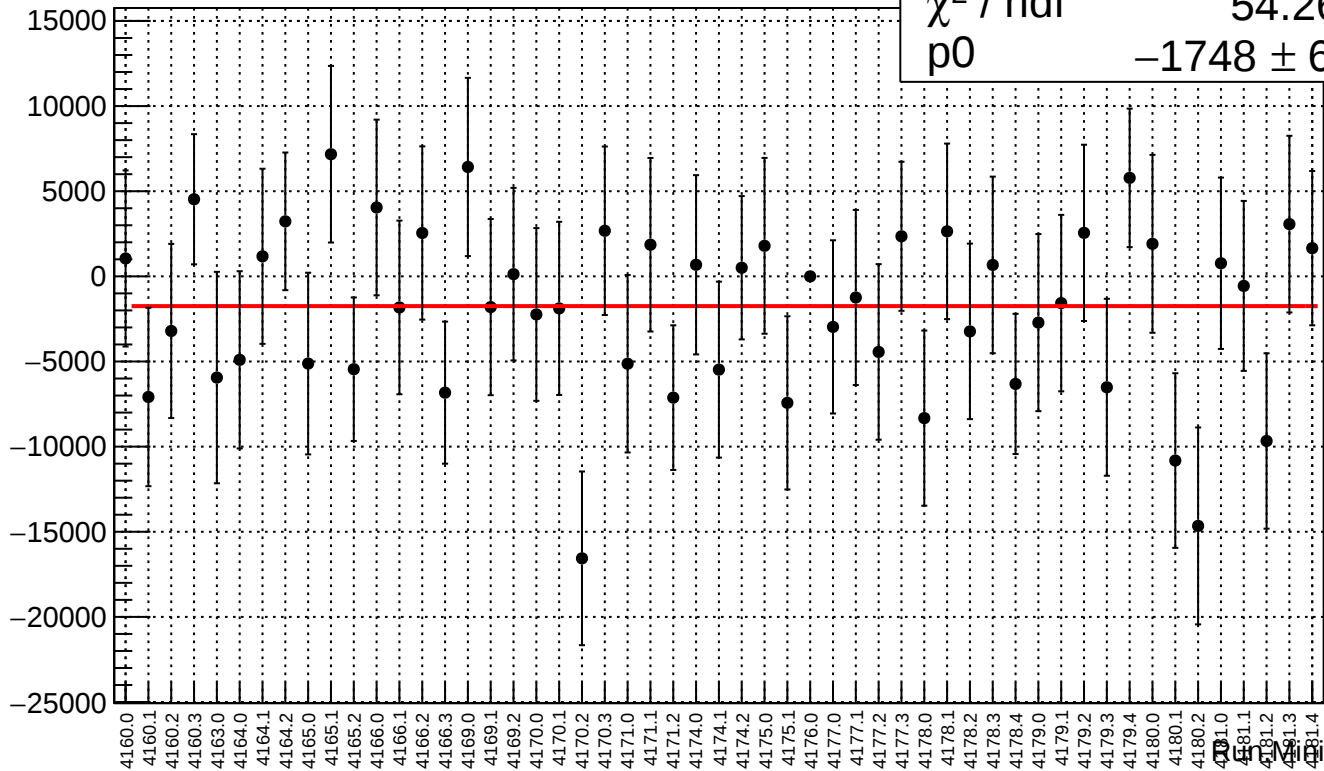
reg_asym_atl1.mean/ppb

χ^2 / ndf

54.26 / 51

p0

-1748 ± 683.3

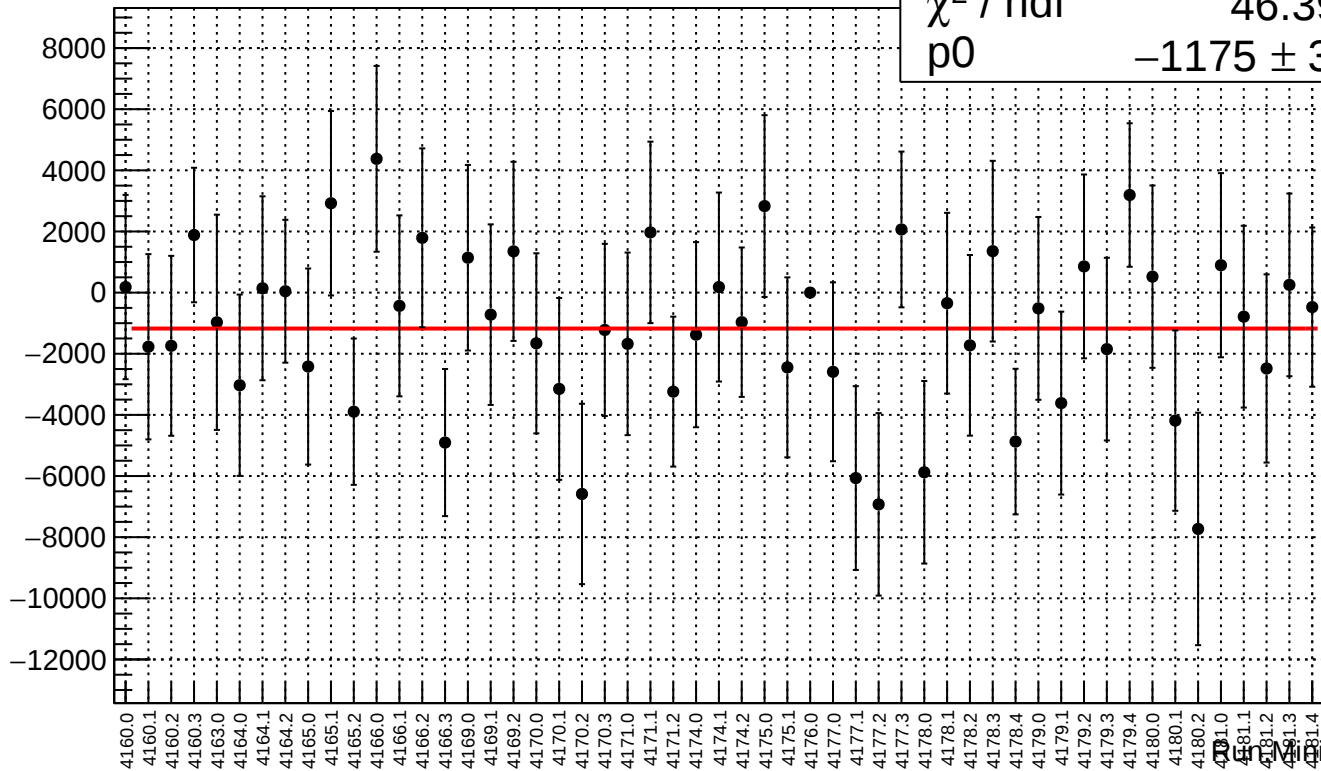


reg_asym_atl1r2_avg.mean/ppb

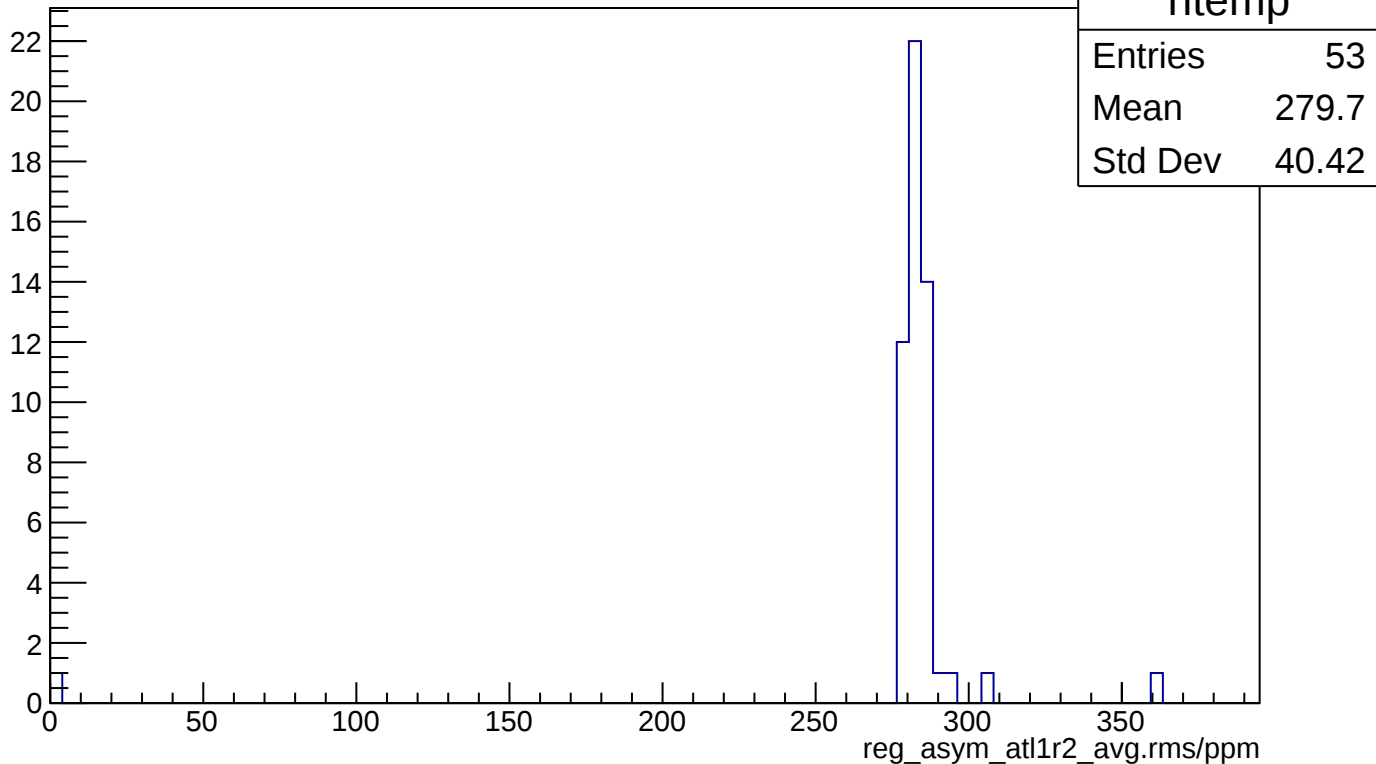
χ^2 / ndf
p0

46.39 / 51

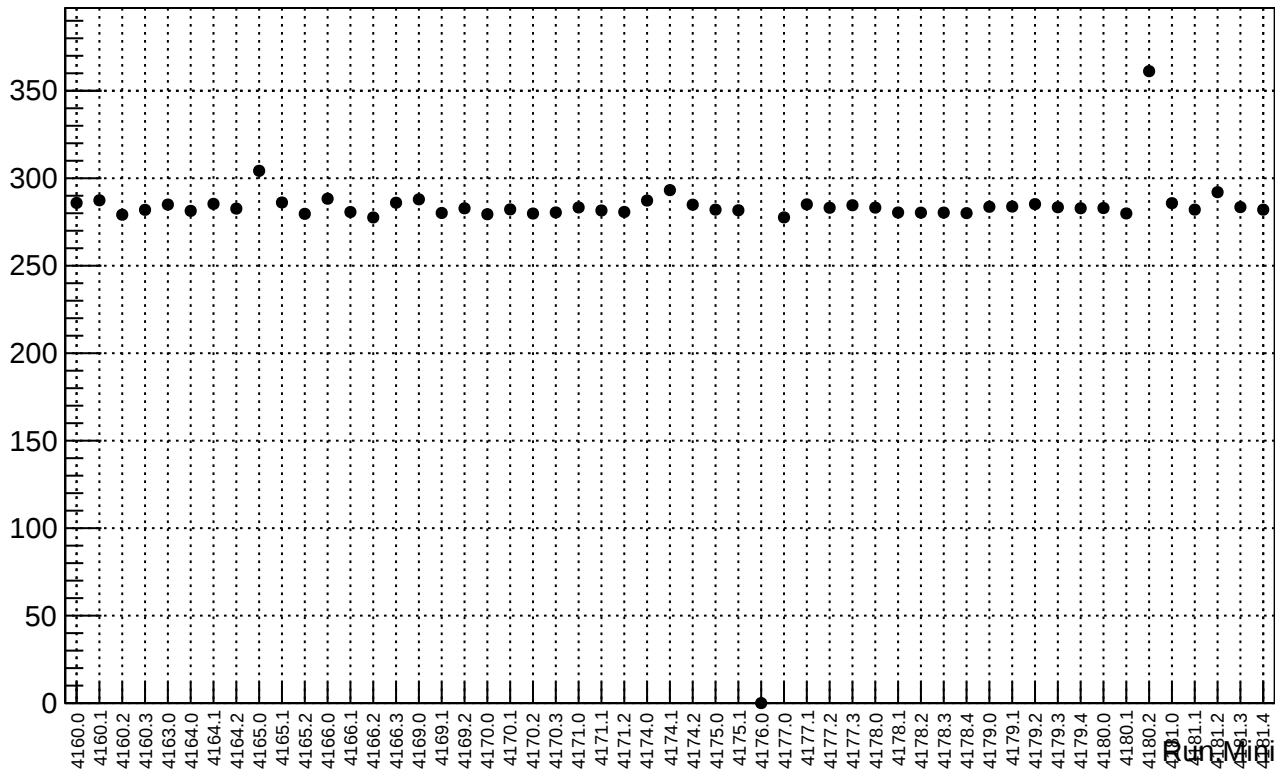
-1175 ± 396.2



reg_asym_atl1r2_avg.rms/ppm



reg_asym_atl1r2_avg.rms/ppm

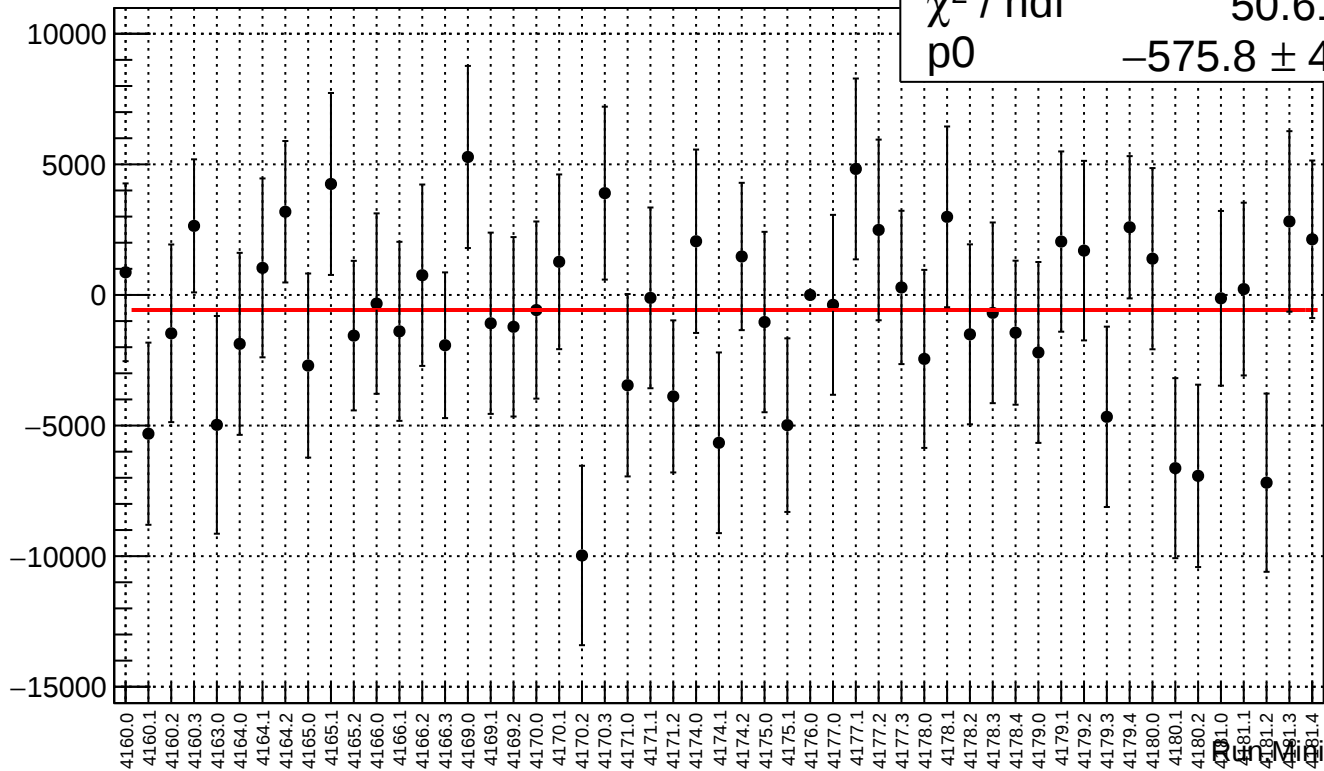


reg_asym_atl1r2_dd.mean/ppb

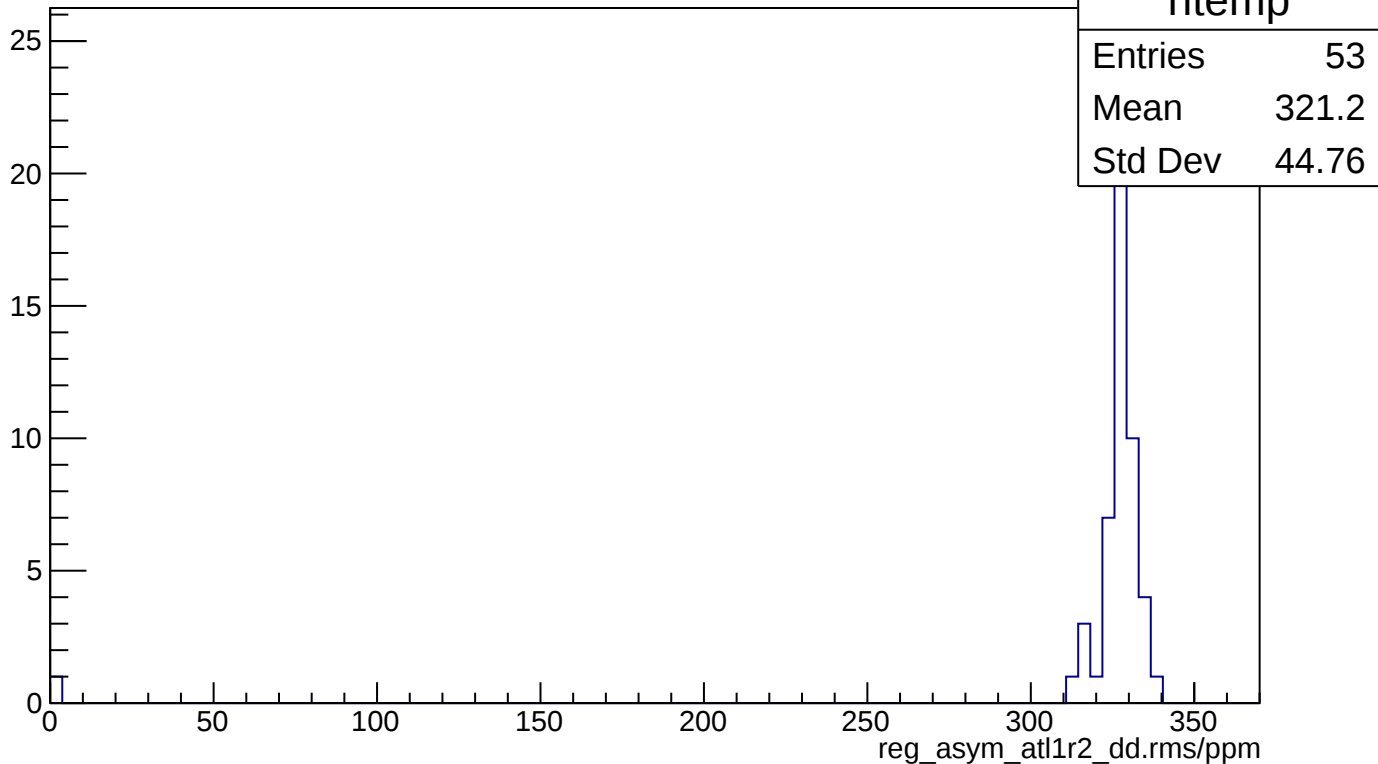
χ^2 / ndf
p0

50.61 / 51

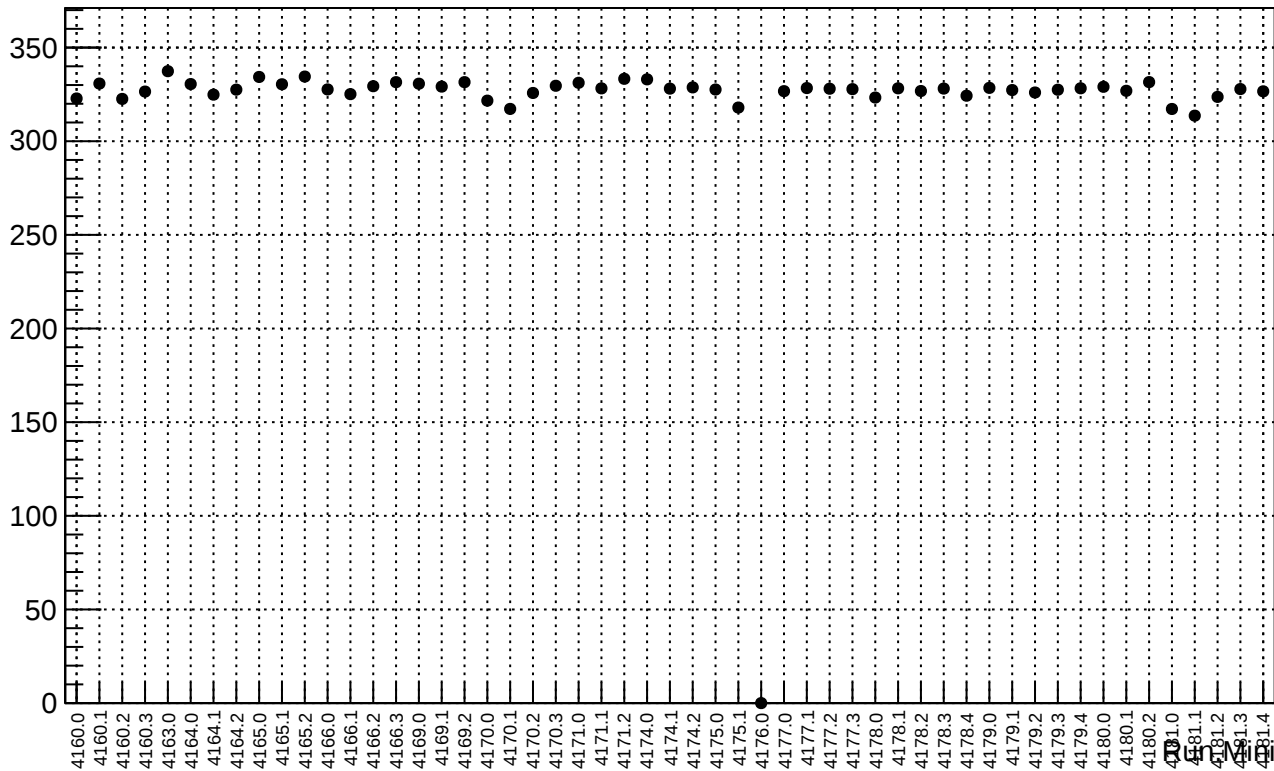
-575.8 ± 456.2



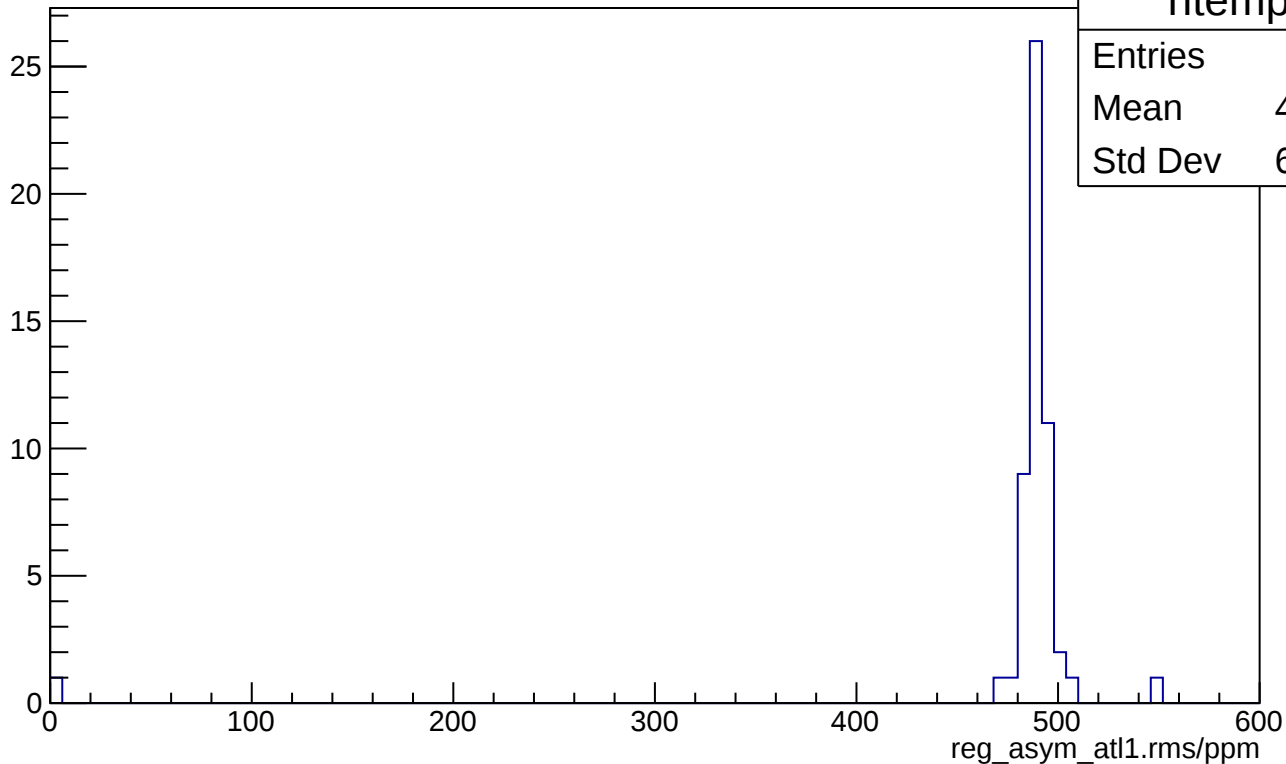
reg_asym_atl1r2_dd.rms/ppm



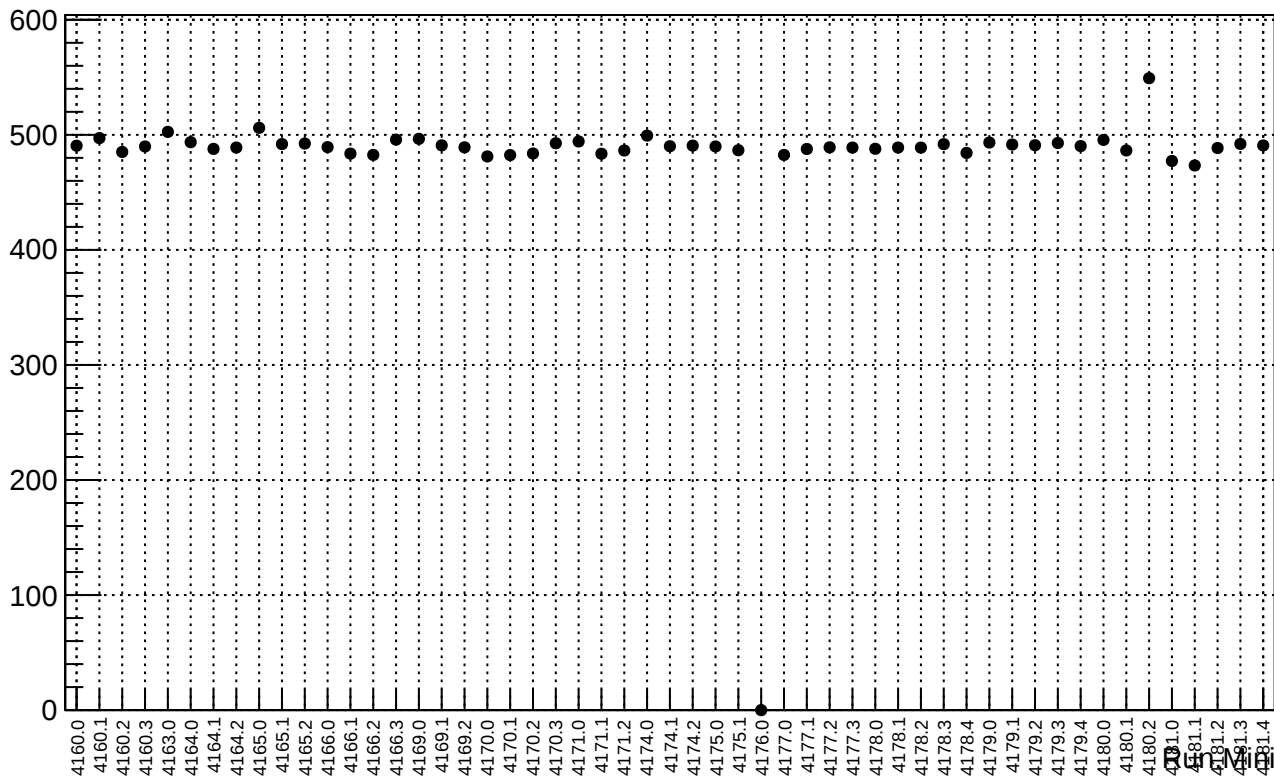
reg_asym_atl1r2_dd.rms/ppm



reg_asym_atl1.rms/ppm



reg_asym_atl1.rms/ppm



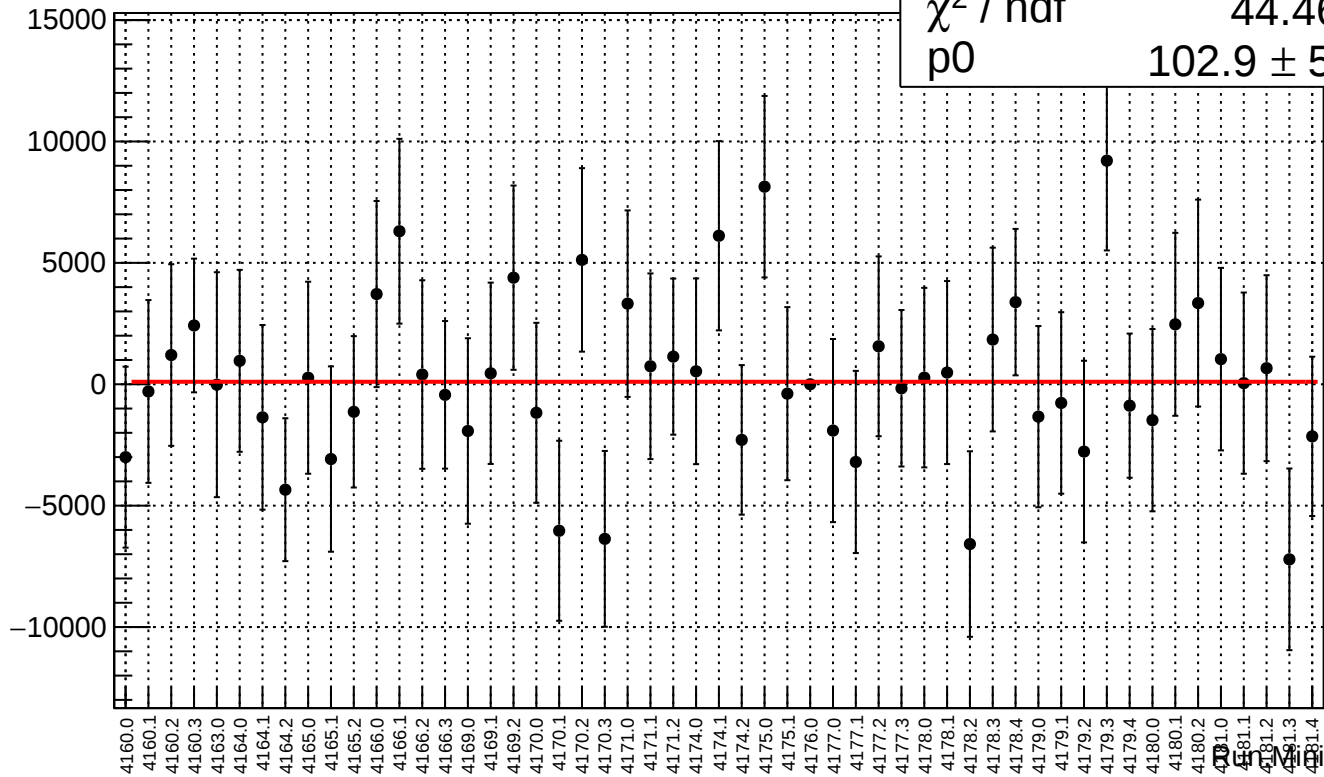
reg_asym_atl2.mean/ppb

χ^2 / ndf

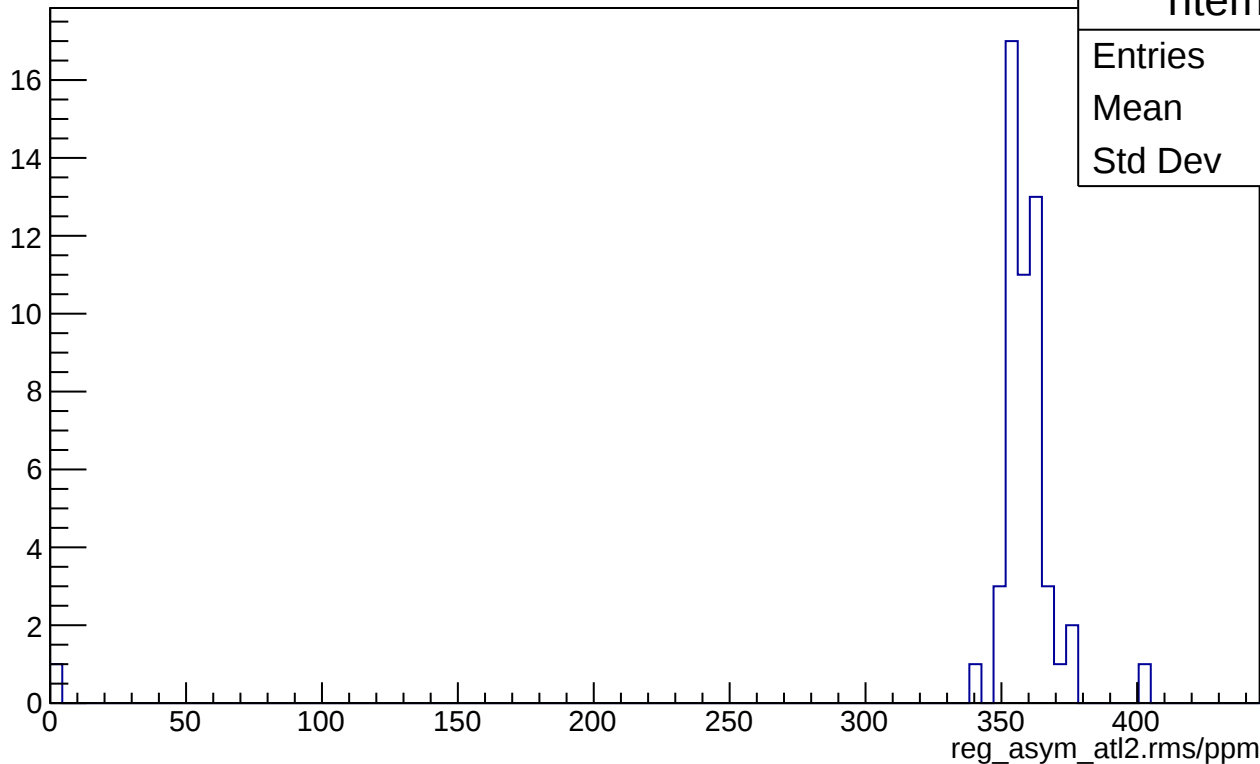
44.46 / 51

p0

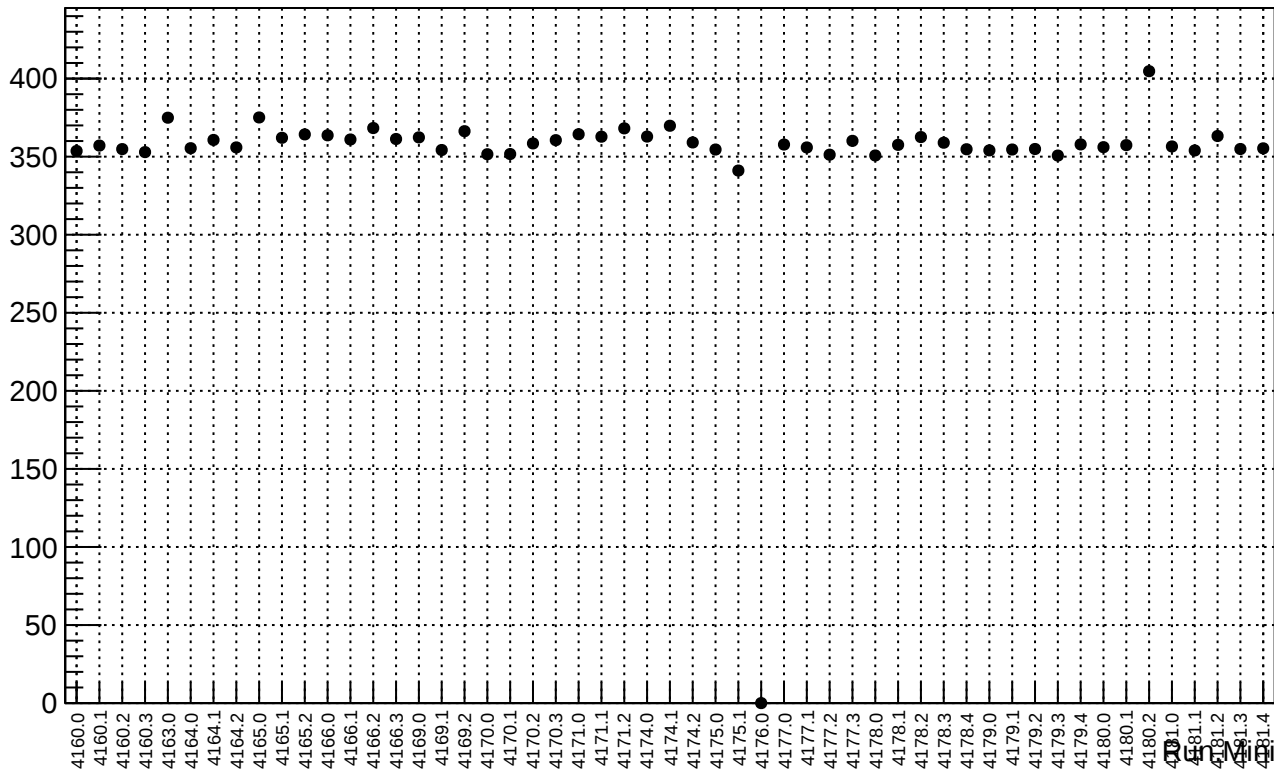
102.9 ± 500.3



reg_asym_atl2.rms/ppm



reg_asym_atl2.rms/ppm

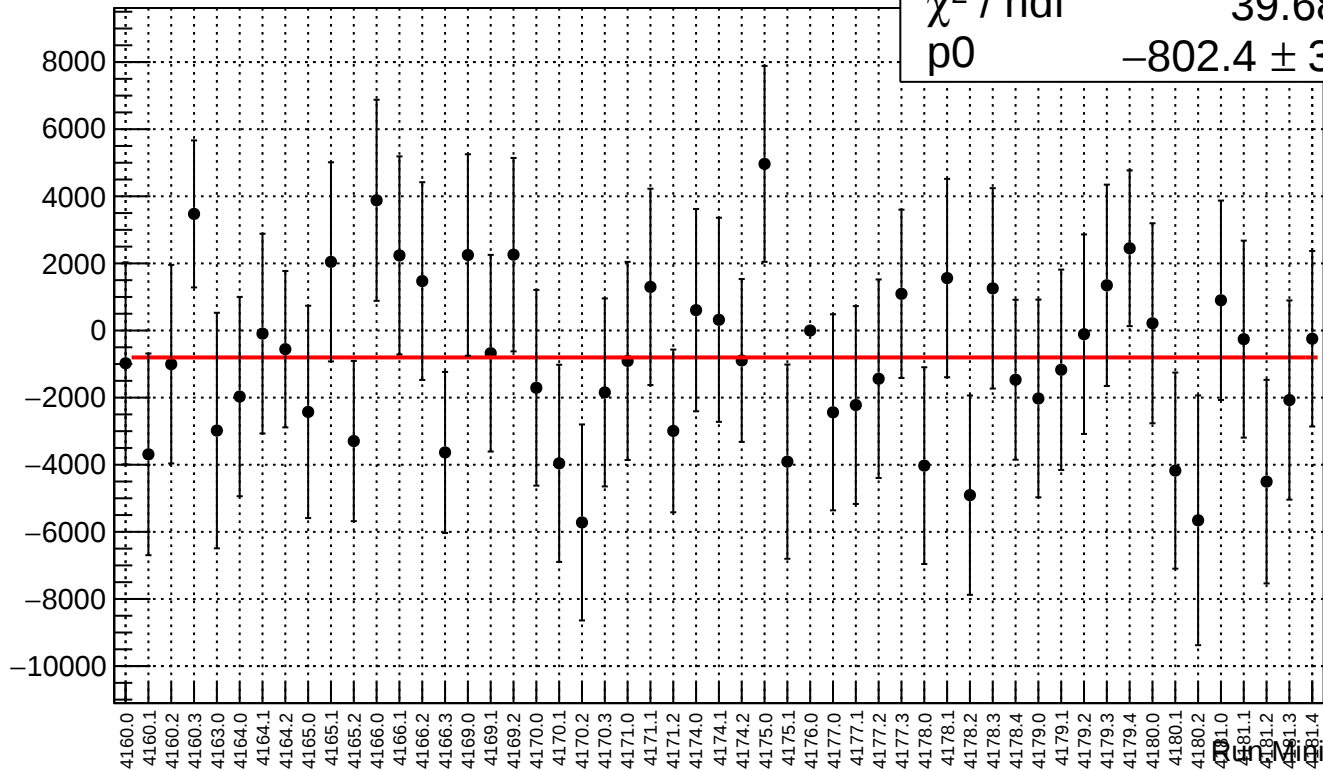


reg_asym_atl_avg.mean/ppb

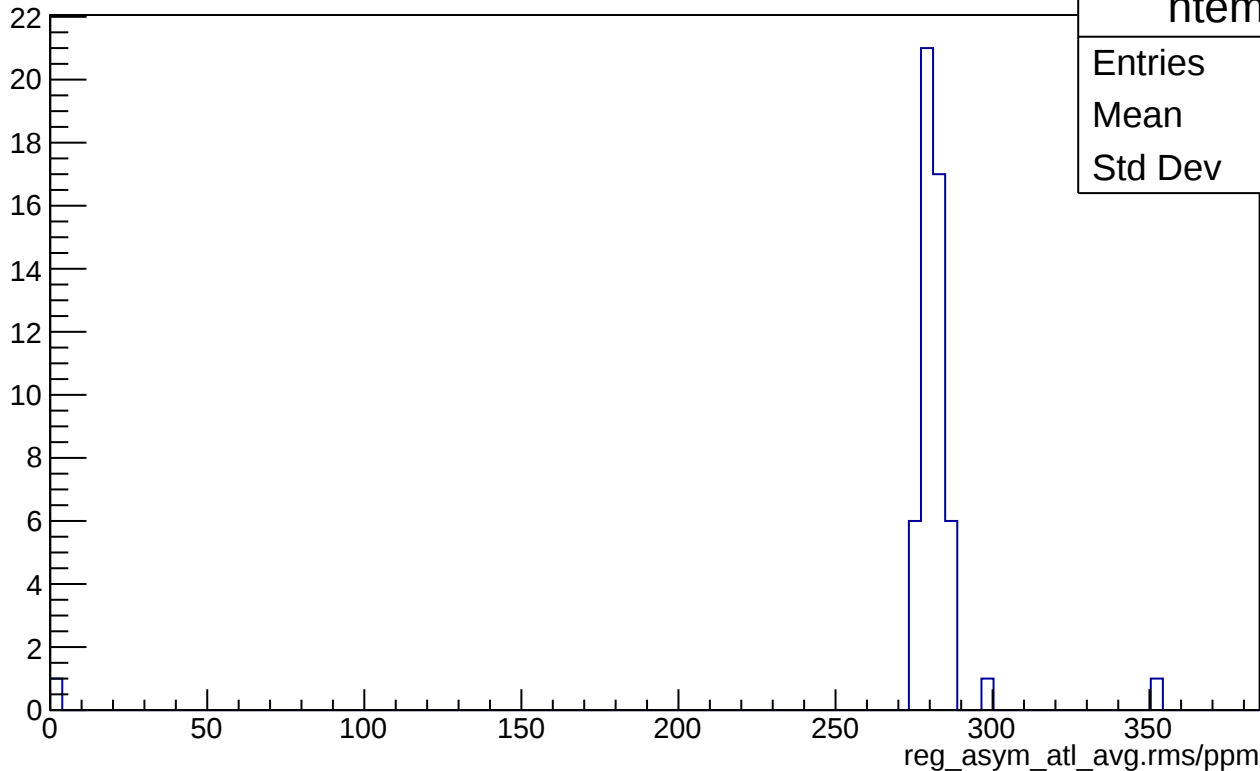
χ^2 / ndf
p0

39.68 / 51

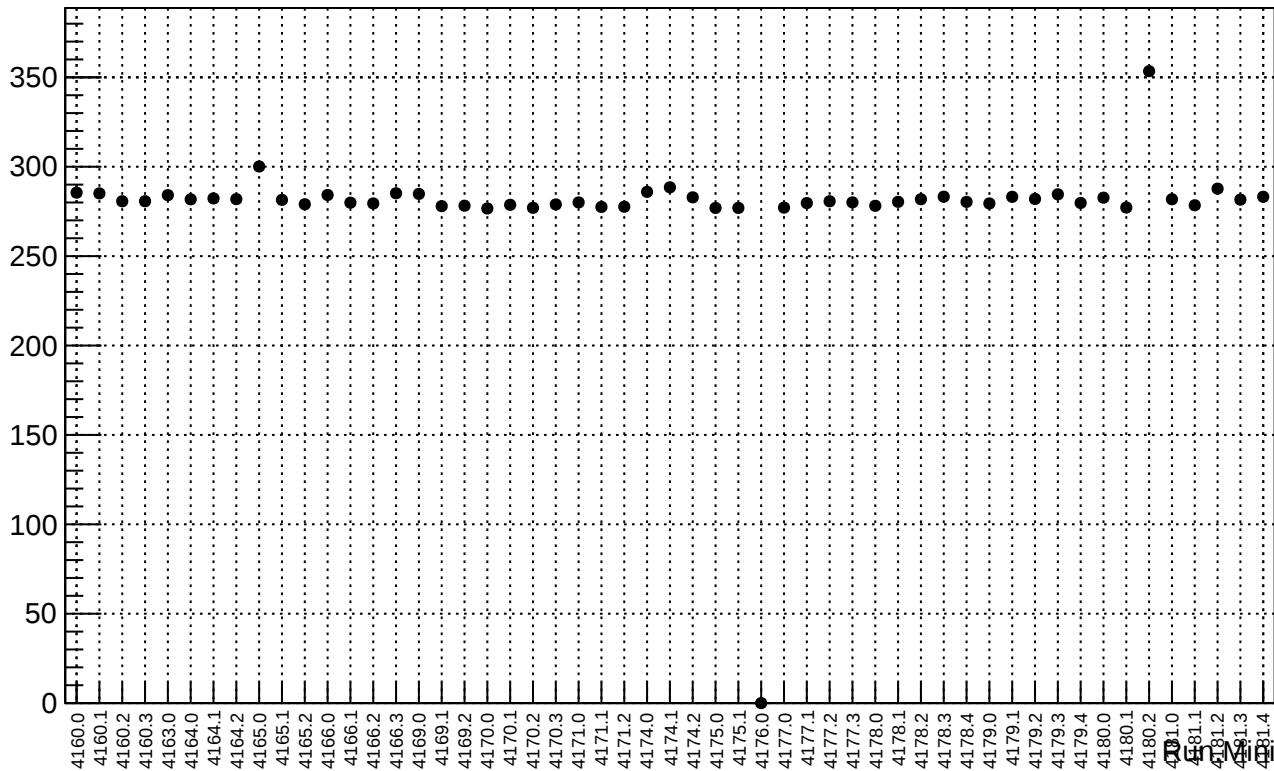
-802.4 ± 393.2



reg_asym_atl_avg.rms/ppm



reg_asym_atl_avg.rms/ppm

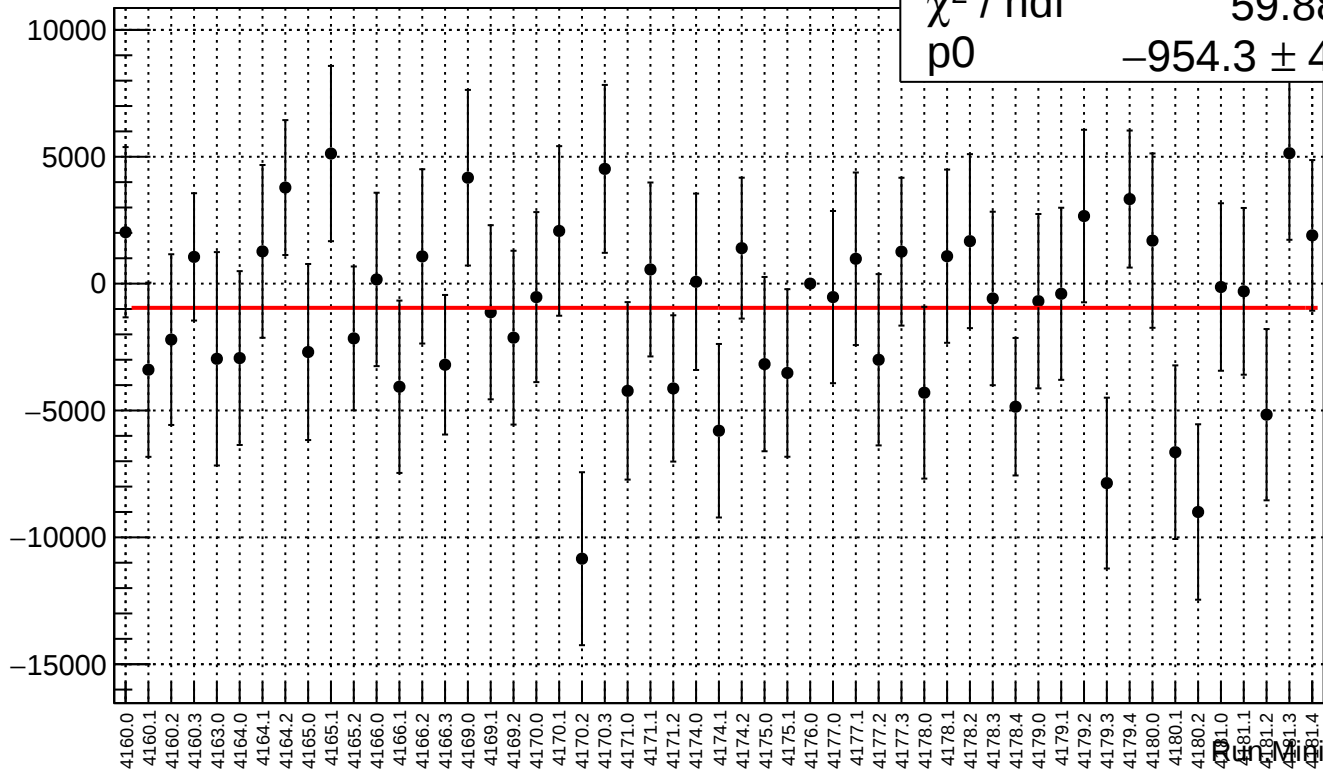


reg_asym_atl_dd.mean/ppb

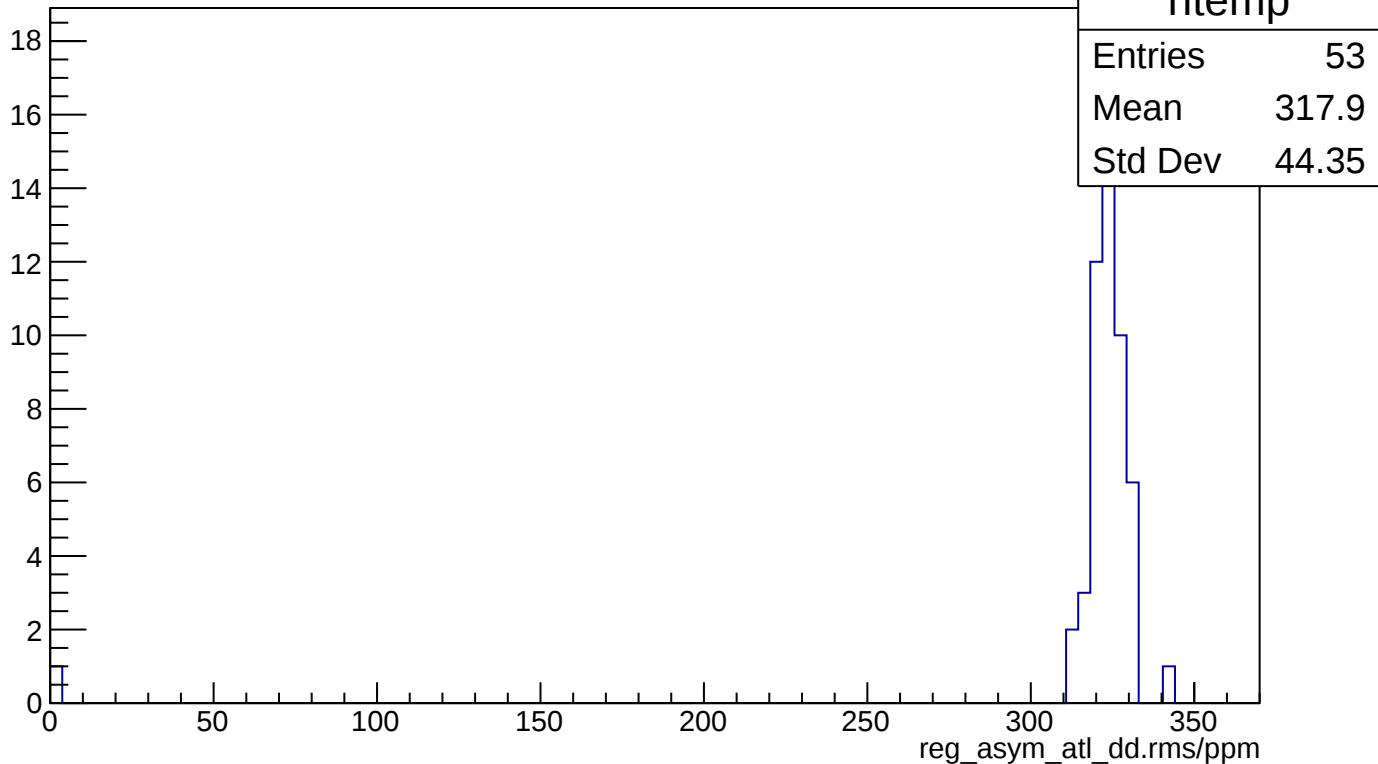
χ^2 / ndf
p0

59.88 / 51

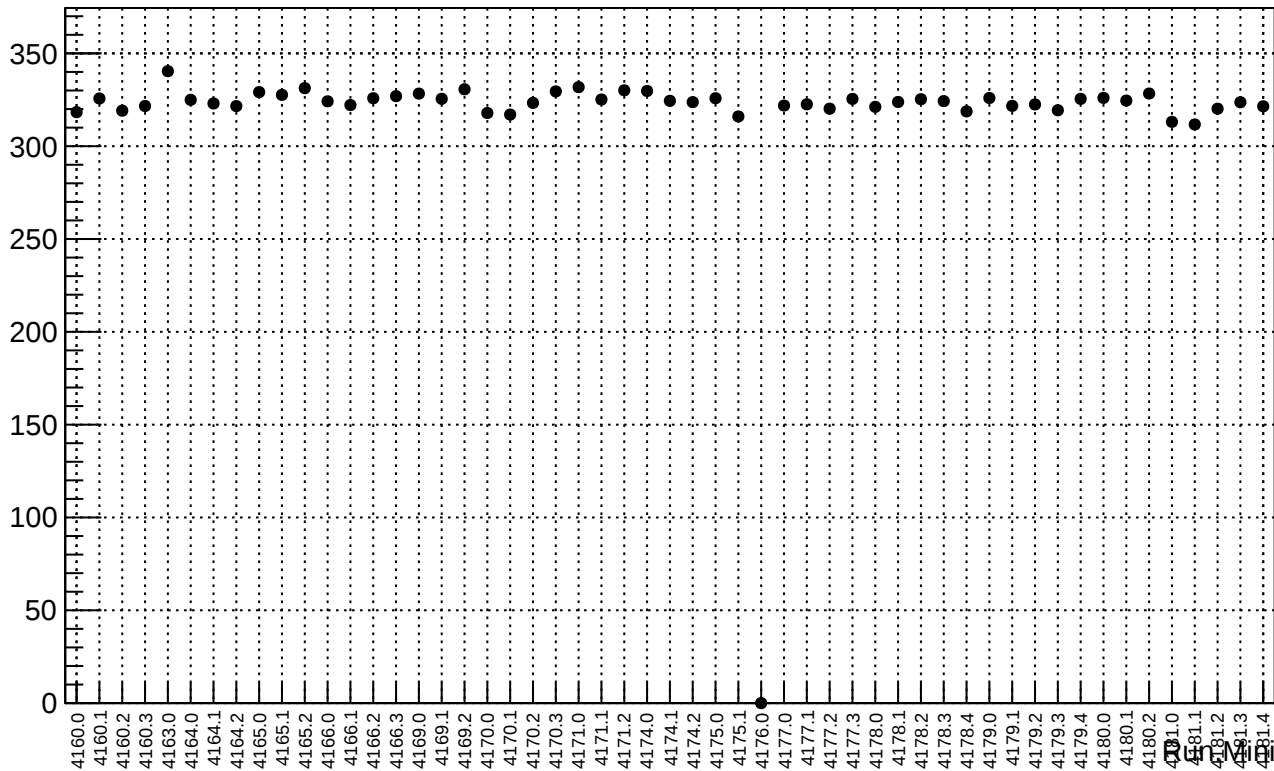
-954.3 ± 451.3



reg_asym_atl_dd.rms/ppm



reg_asym_atl_dd.rms/ppm

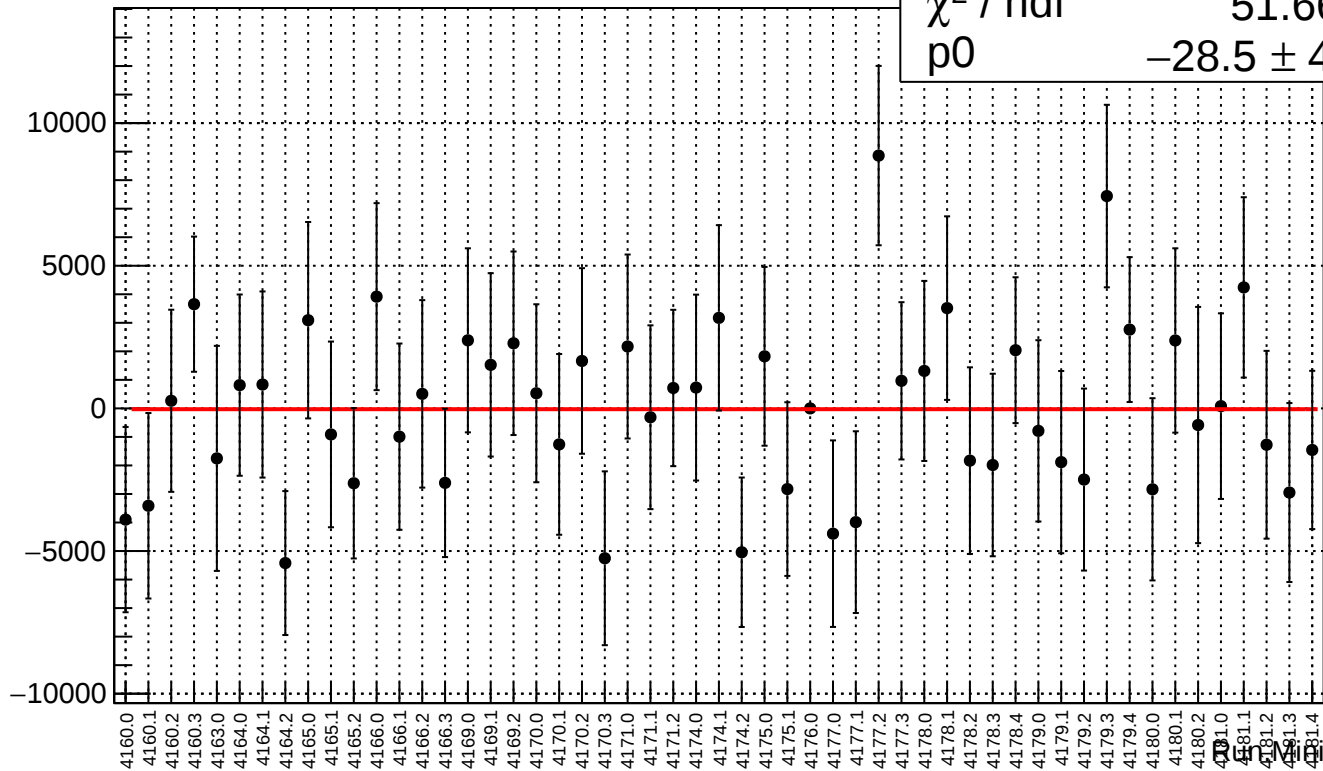


reg_asym_atr1l2_avg.mean/ppb

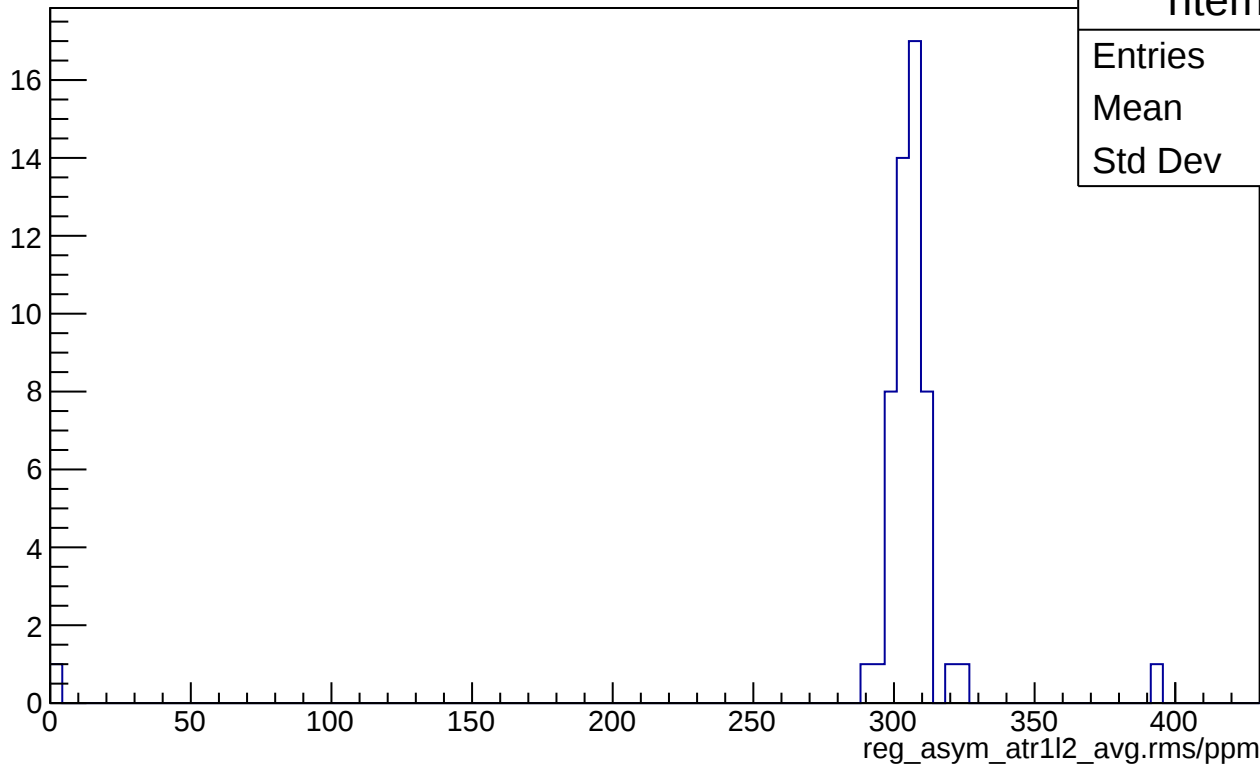
χ^2 / ndf
p0

51.66 / 51

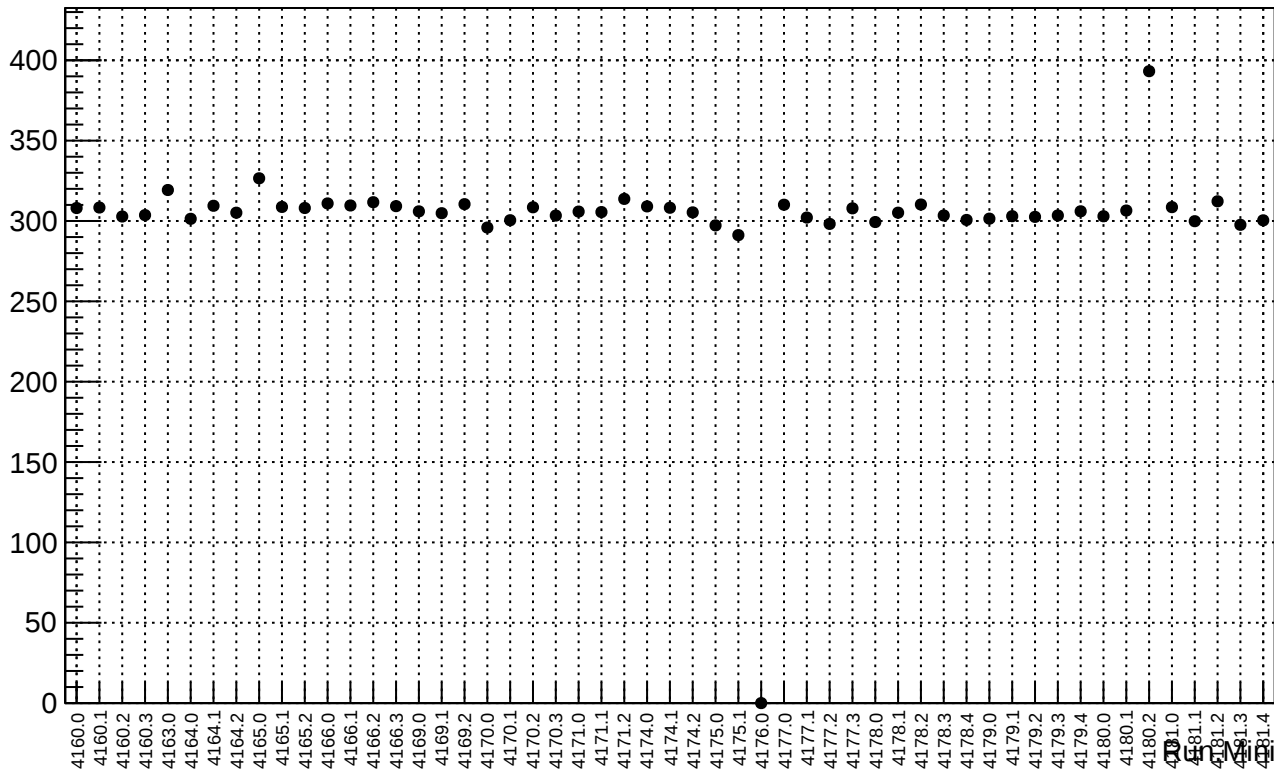
-28.5 ± 427.2



reg_asym_atr1l2_avg.rms/ppm



reg_asym_atr1l2_avg.rms/ppm

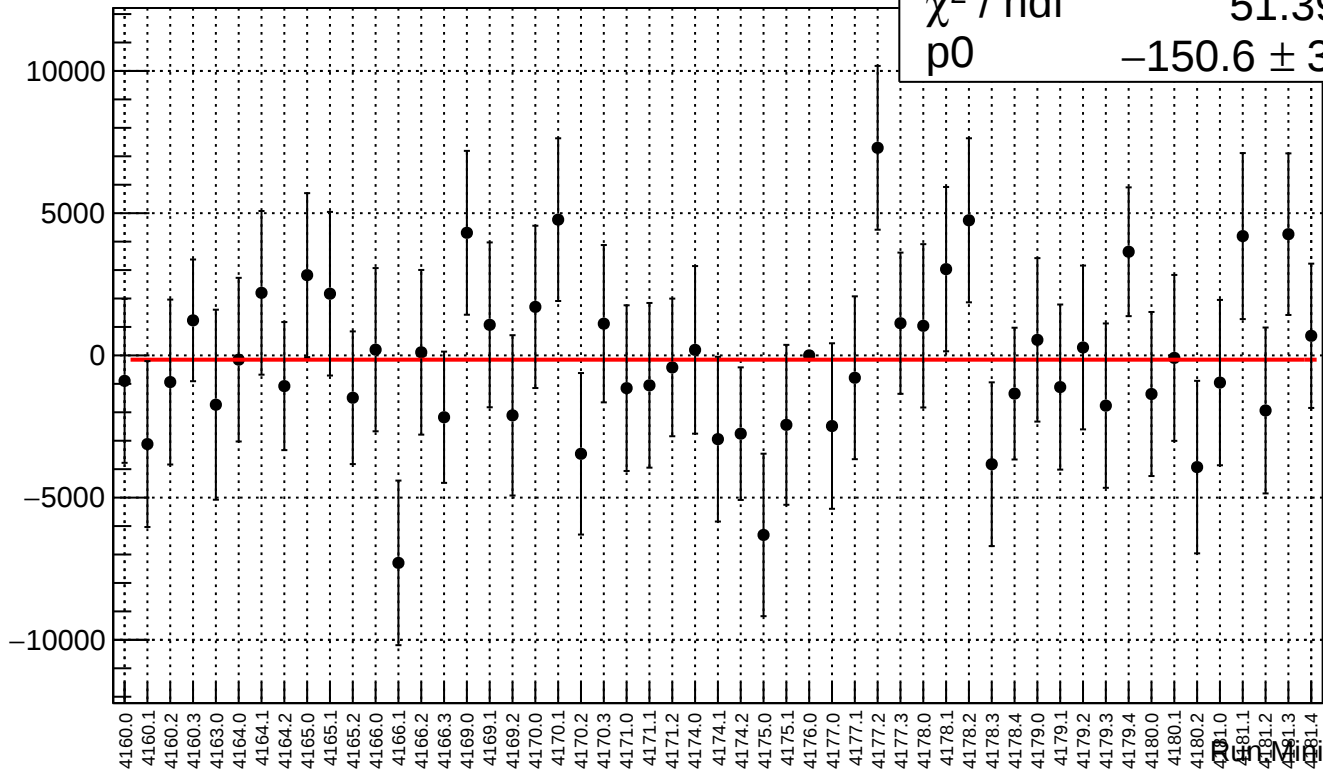


reg_asym_atr1l2_dd.mean/ppb

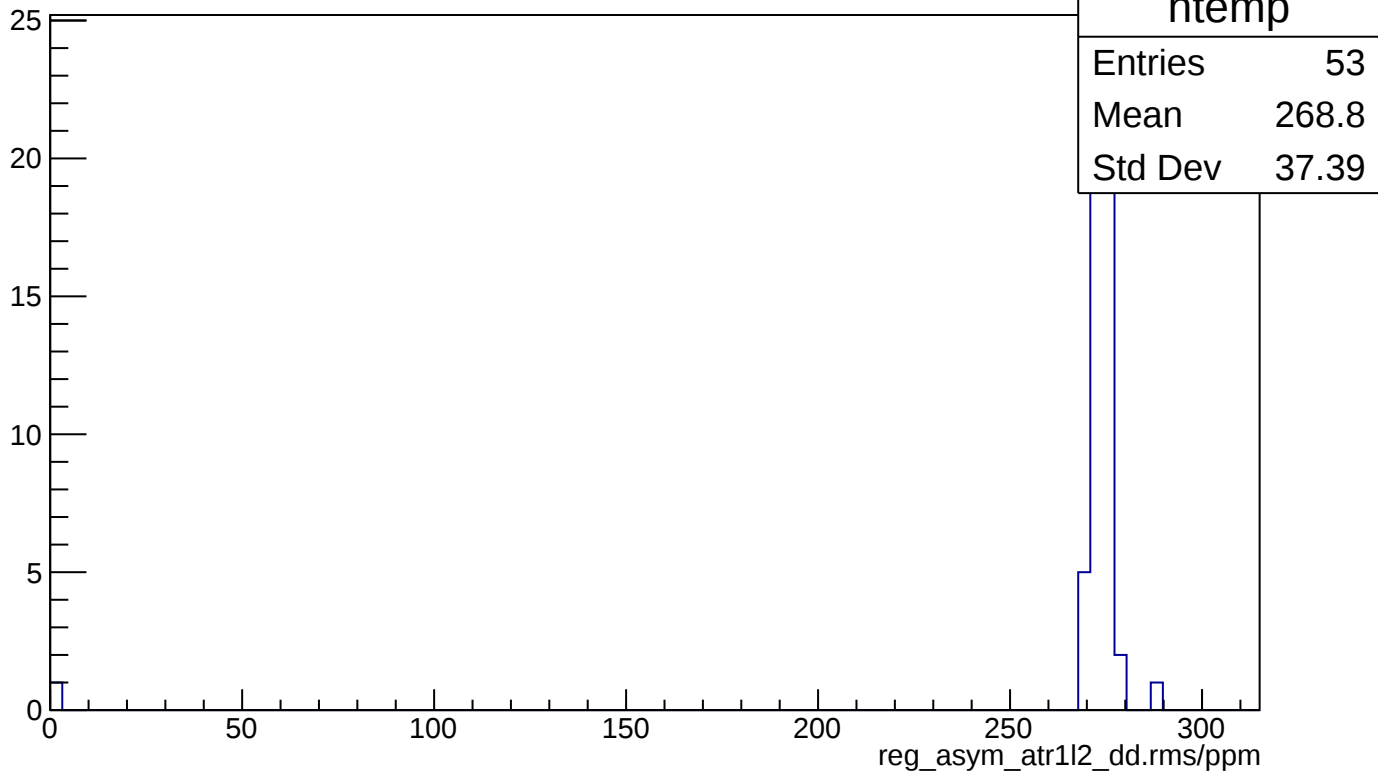
χ^2 / ndf
p0

51.39 / 51

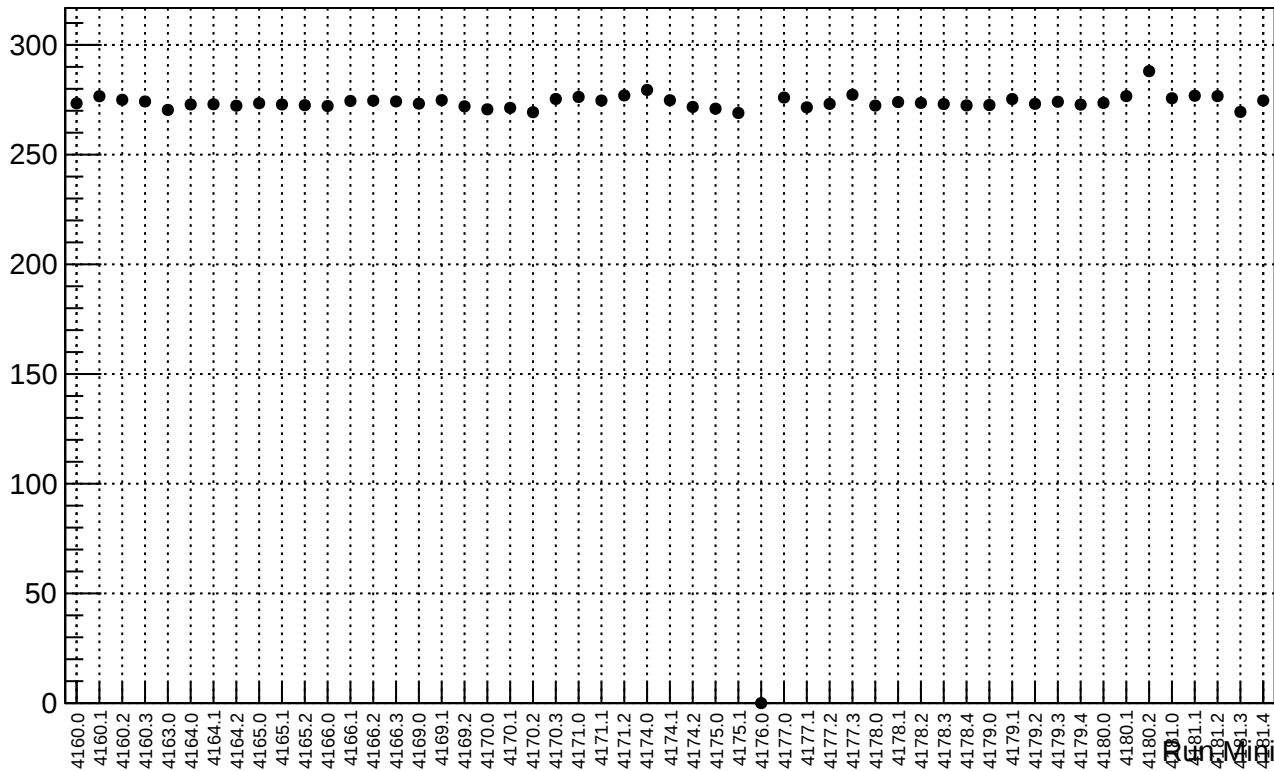
-150.6 ± 381.7



reg_asym_atr1l2_dd.rms/ppm



reg_asym_atr1l2_dd.rms/ppm



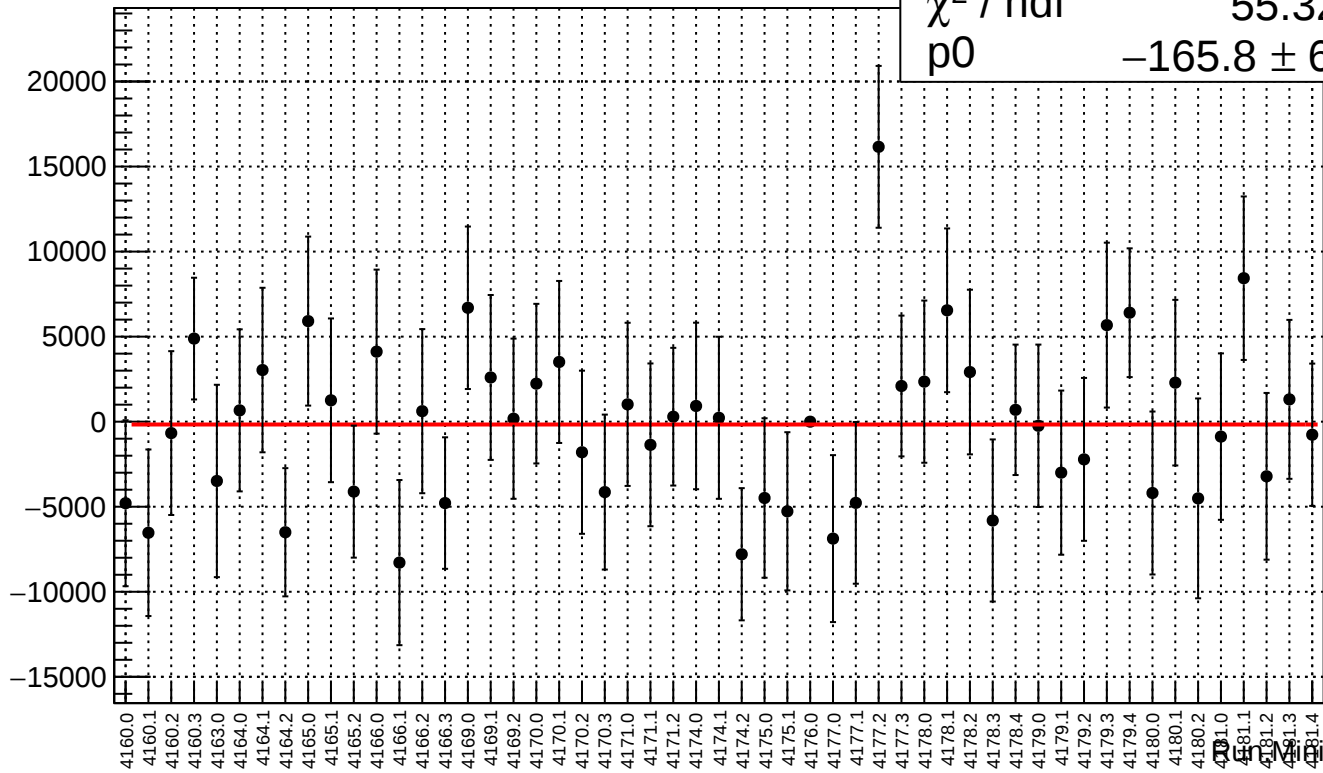
reg_asym_atr1.mean/ppb

χ^2 / ndf

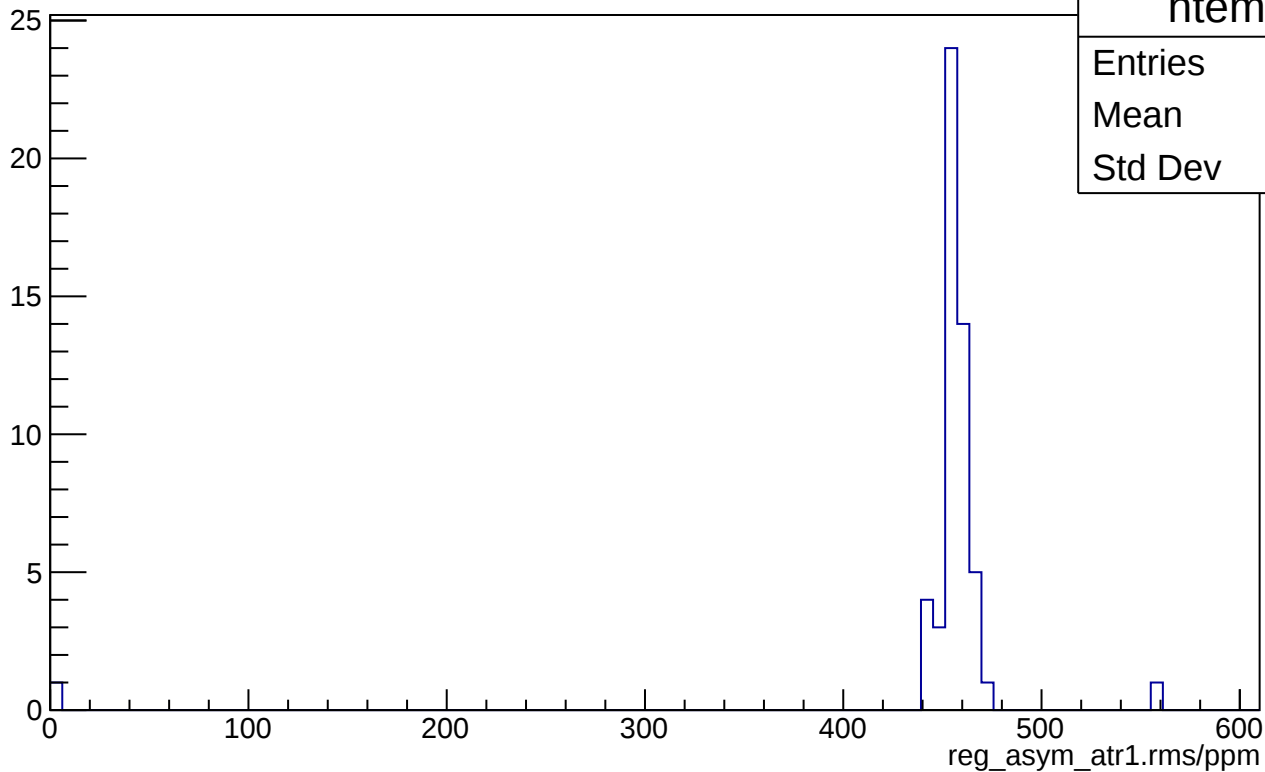
55.32 / 51

p0

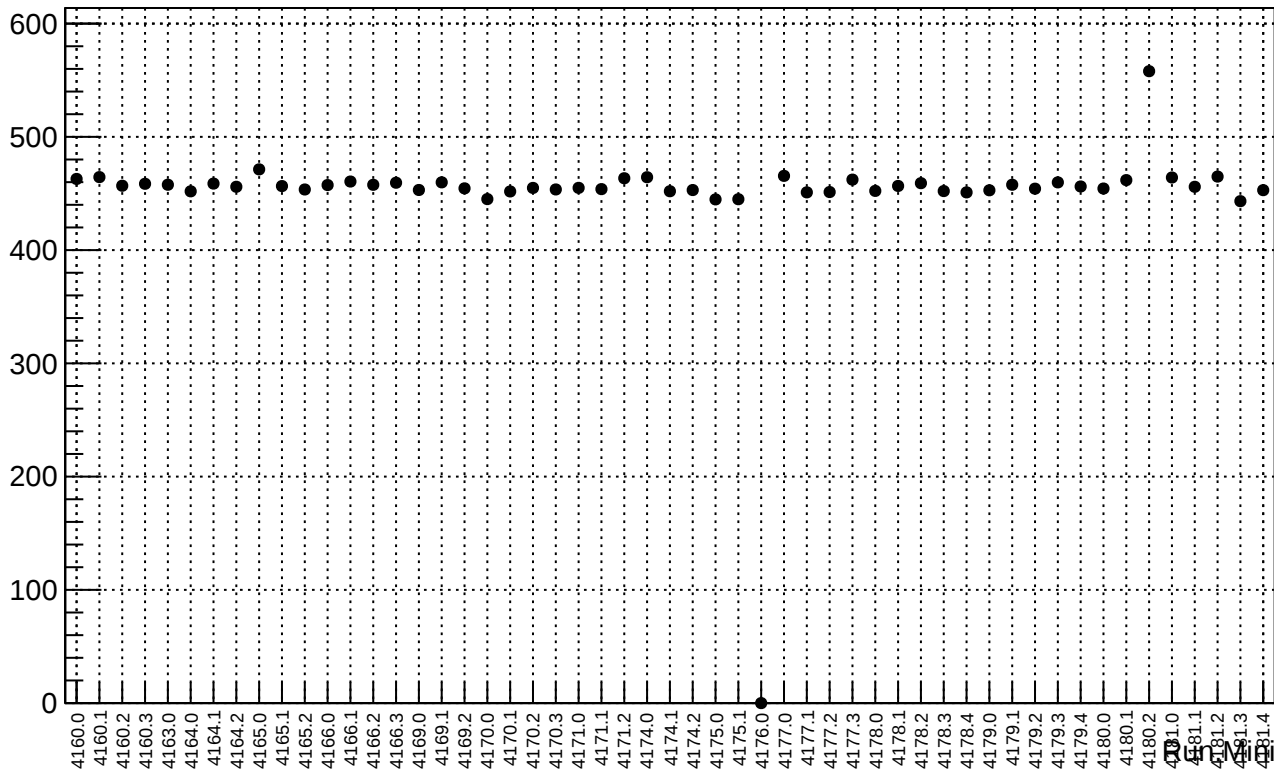
-165.8 ± 637.4



reg_asym_atr1.rms/ppm



reg_asym_atr1.rms/ppm



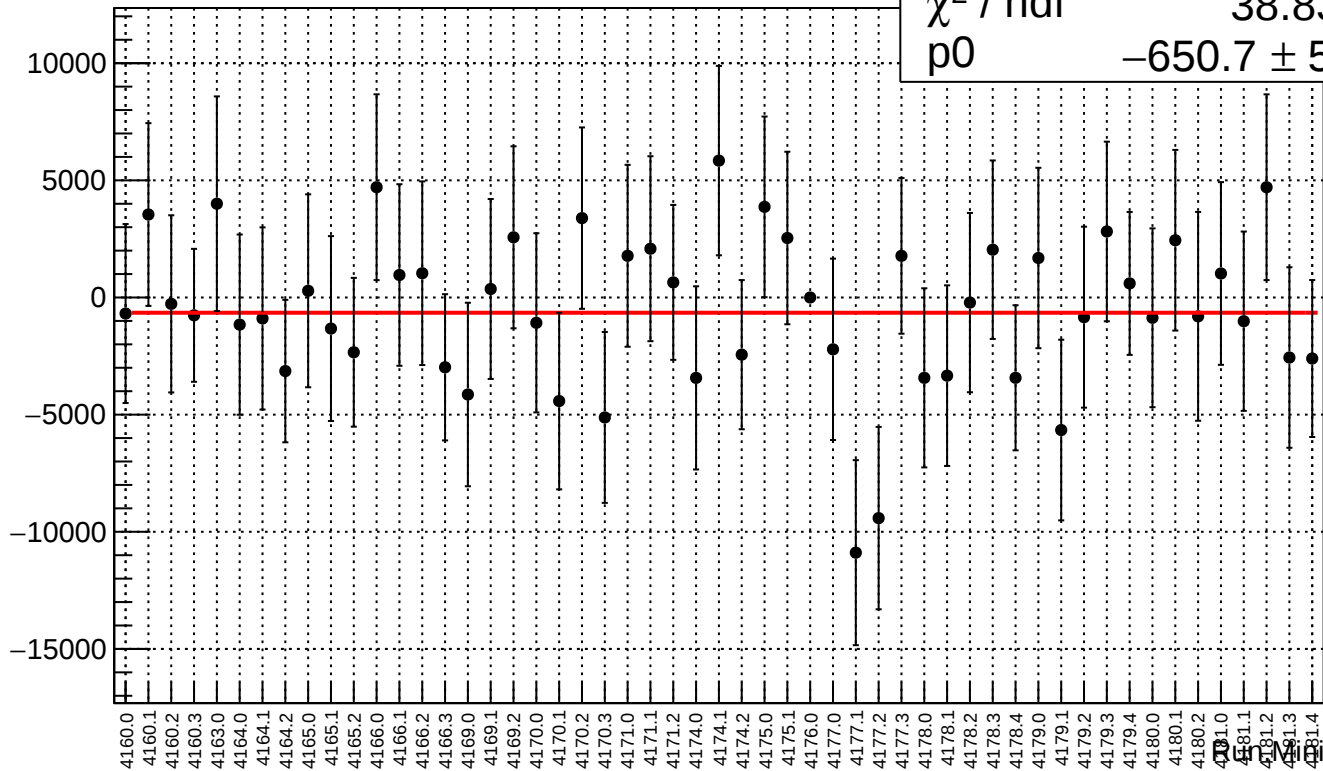
reg_asym_atr2.mean/ppb

χ^2 / ndf

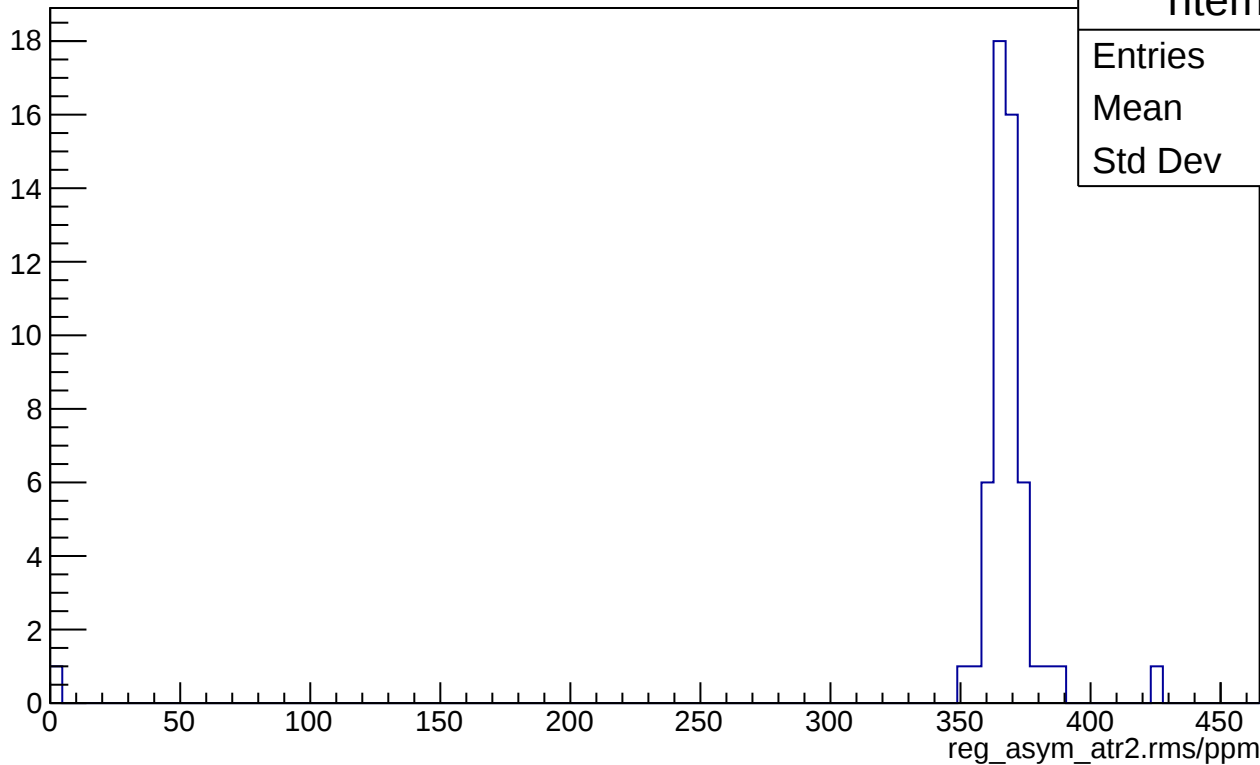
38.83 / 51

p0

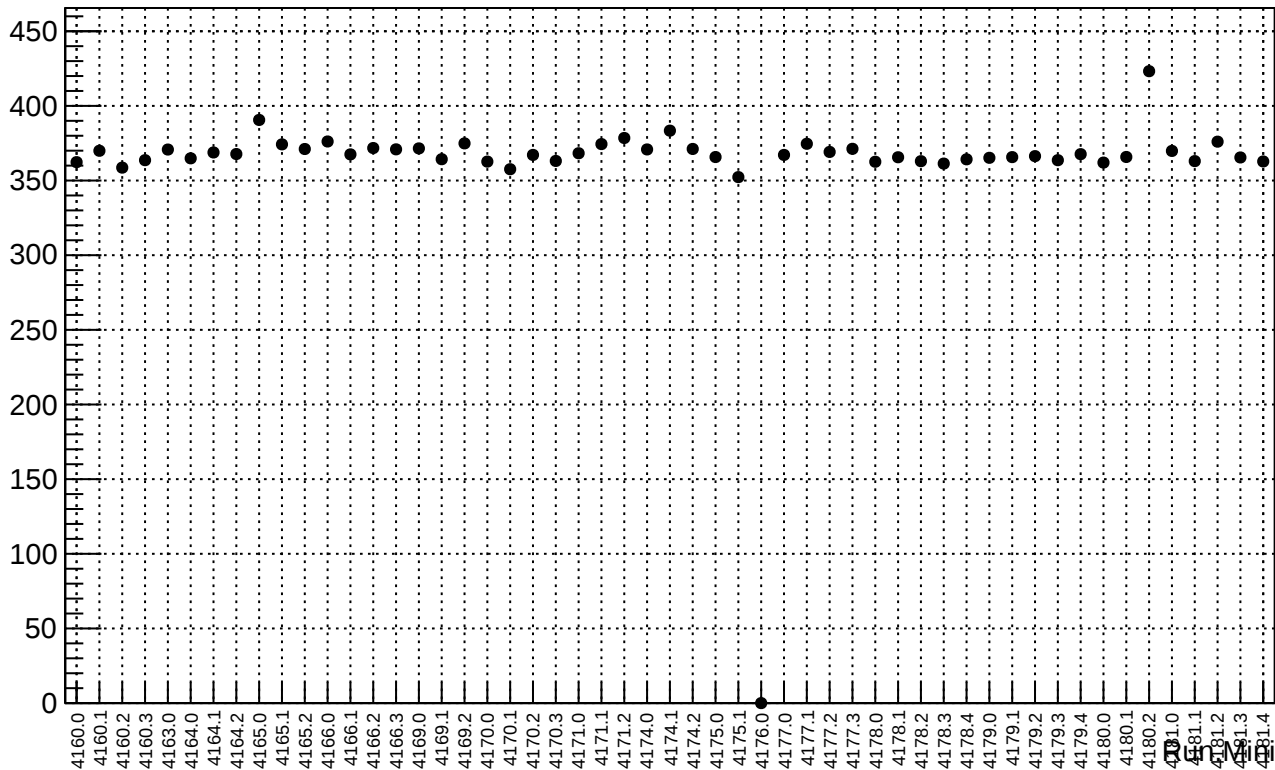
-650.7 ± 513.7



reg_asym_atr2.rms/ppm



reg_asym_atr2.rms/ppm



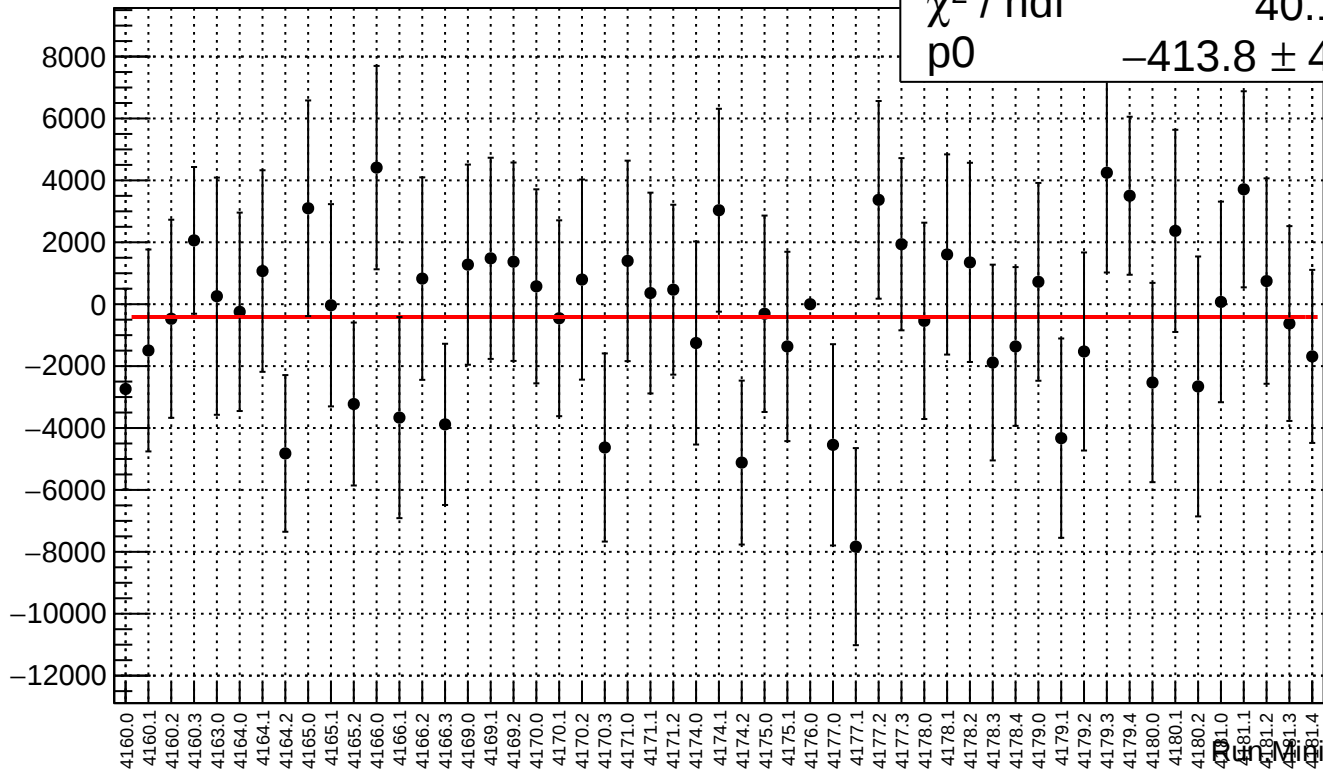
reg_asym_atr_avg.mean/ppb

χ^2 / ndf

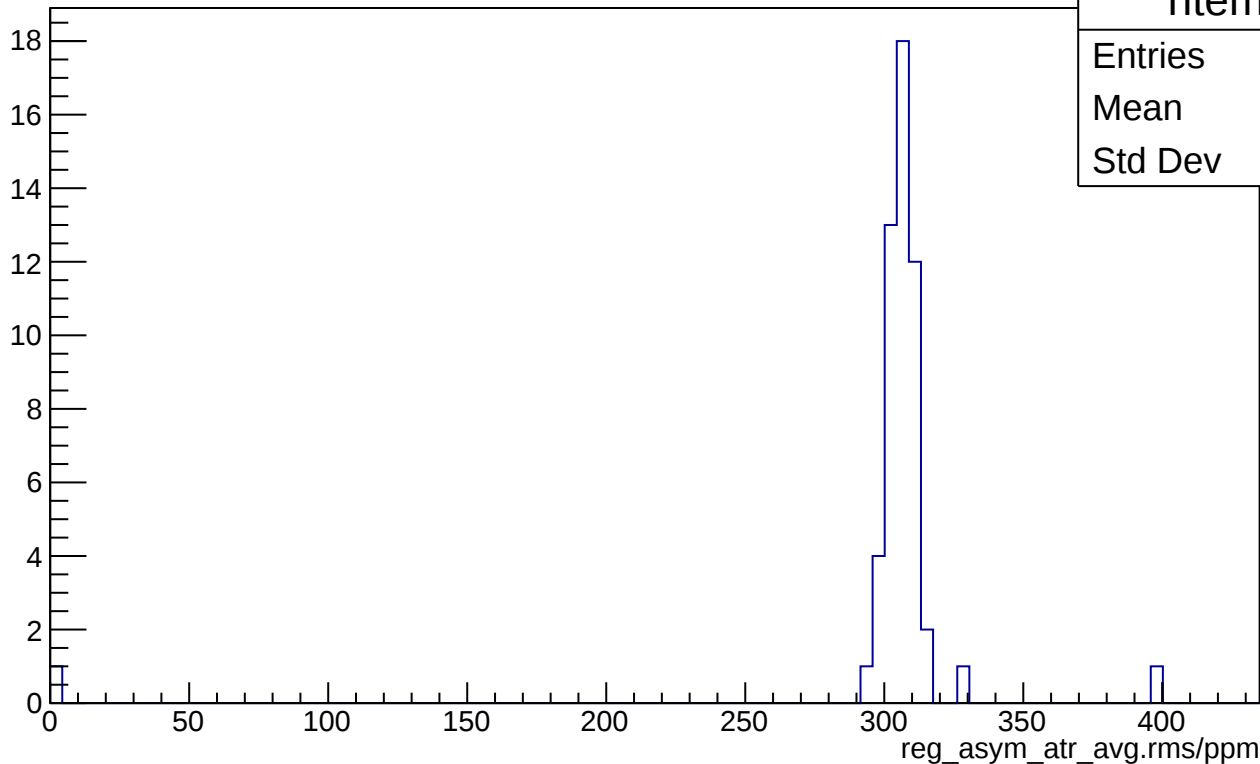
40.1 / 51

p0

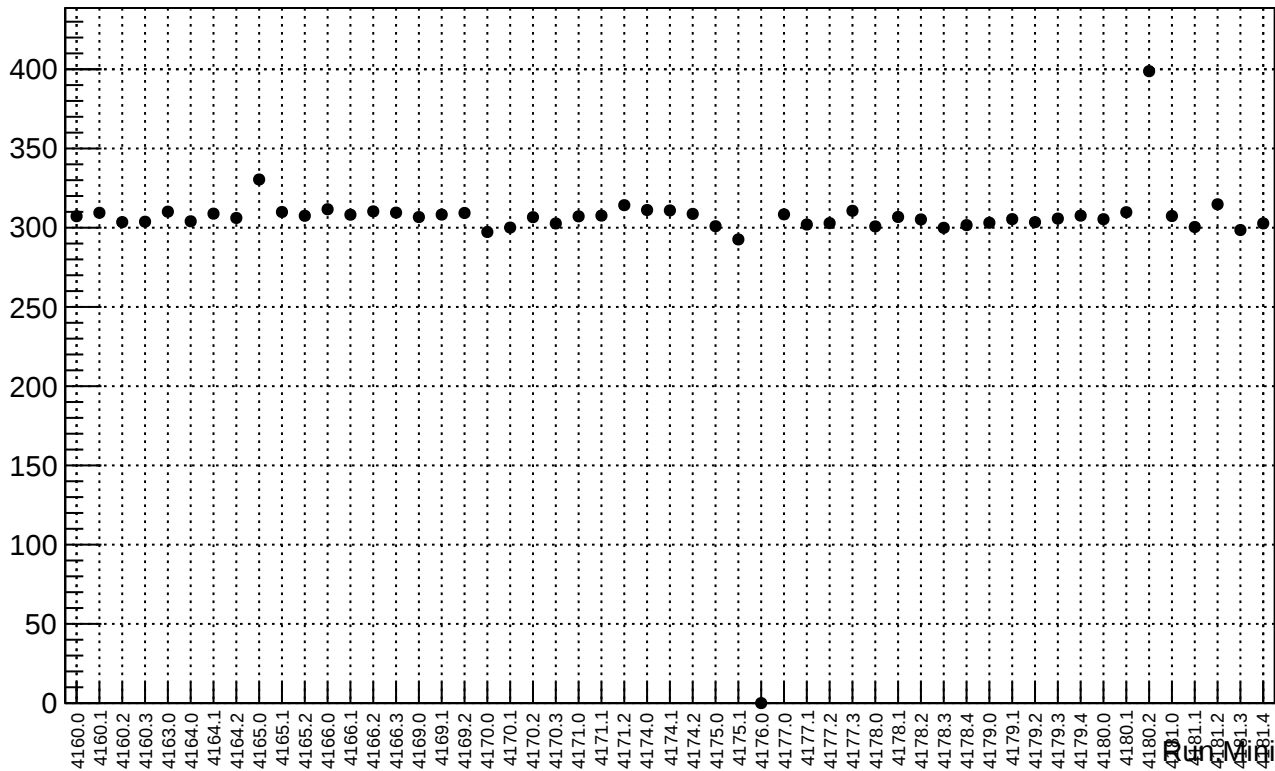
-413.8 ± 428.4



reg_asym_atr_avg.rms/ppm



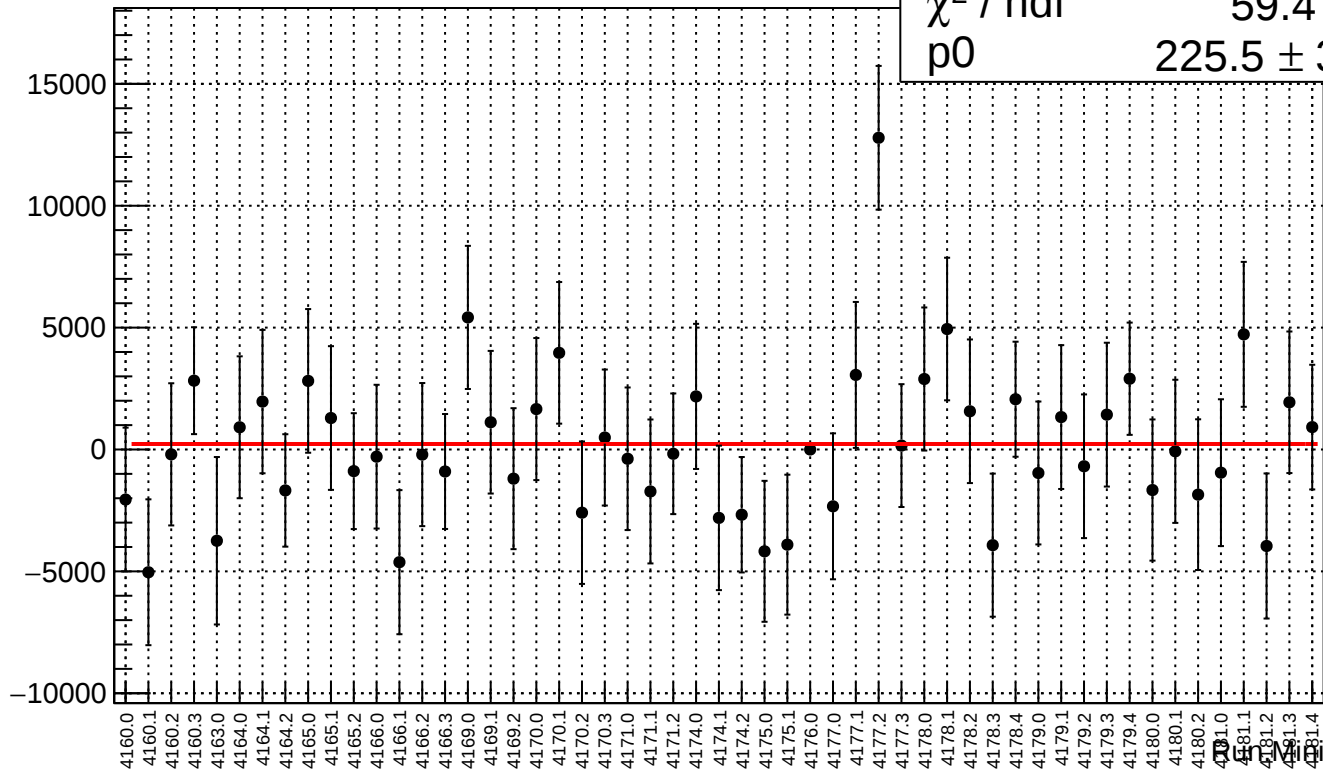
reg_asym_atr_avg.rms/ppm



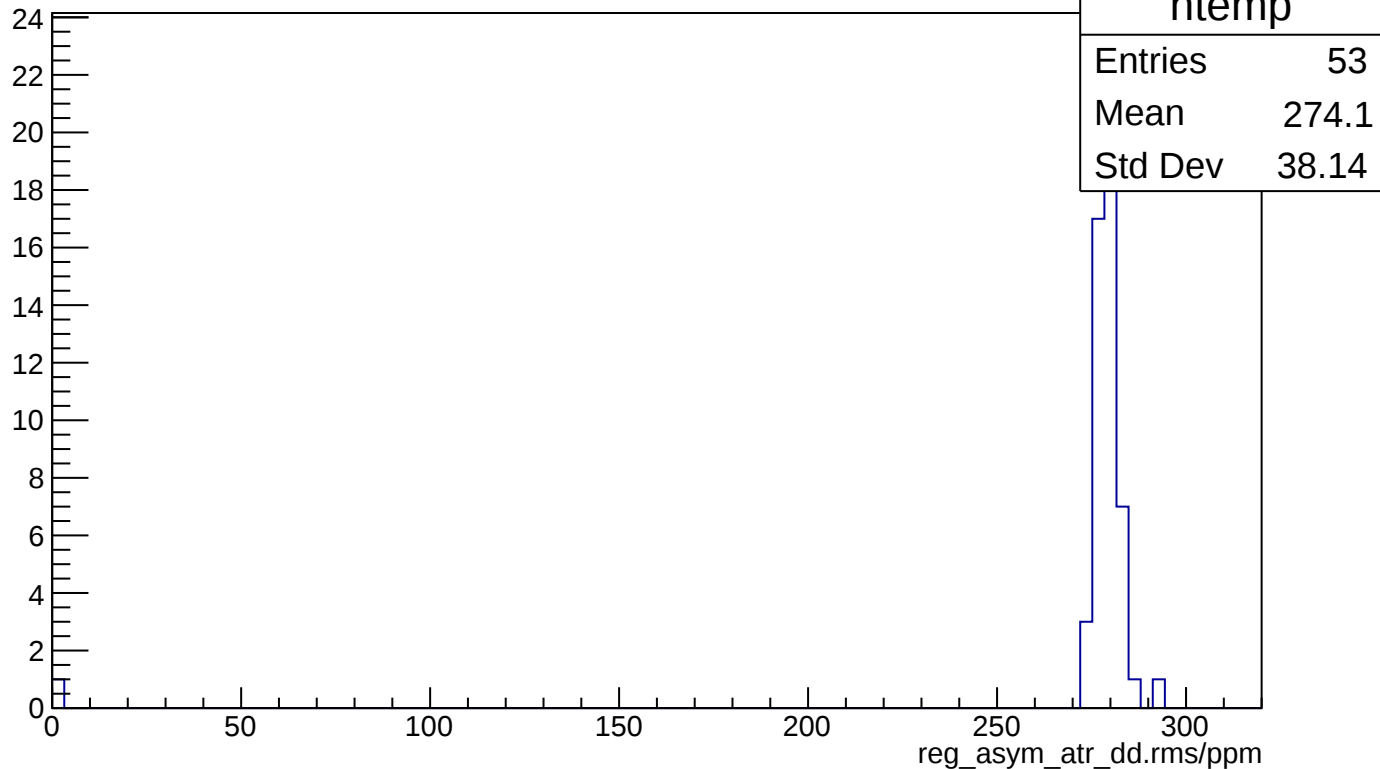
reg_asym_atr_dd.mean/ppb

χ^2 / ndf
p0

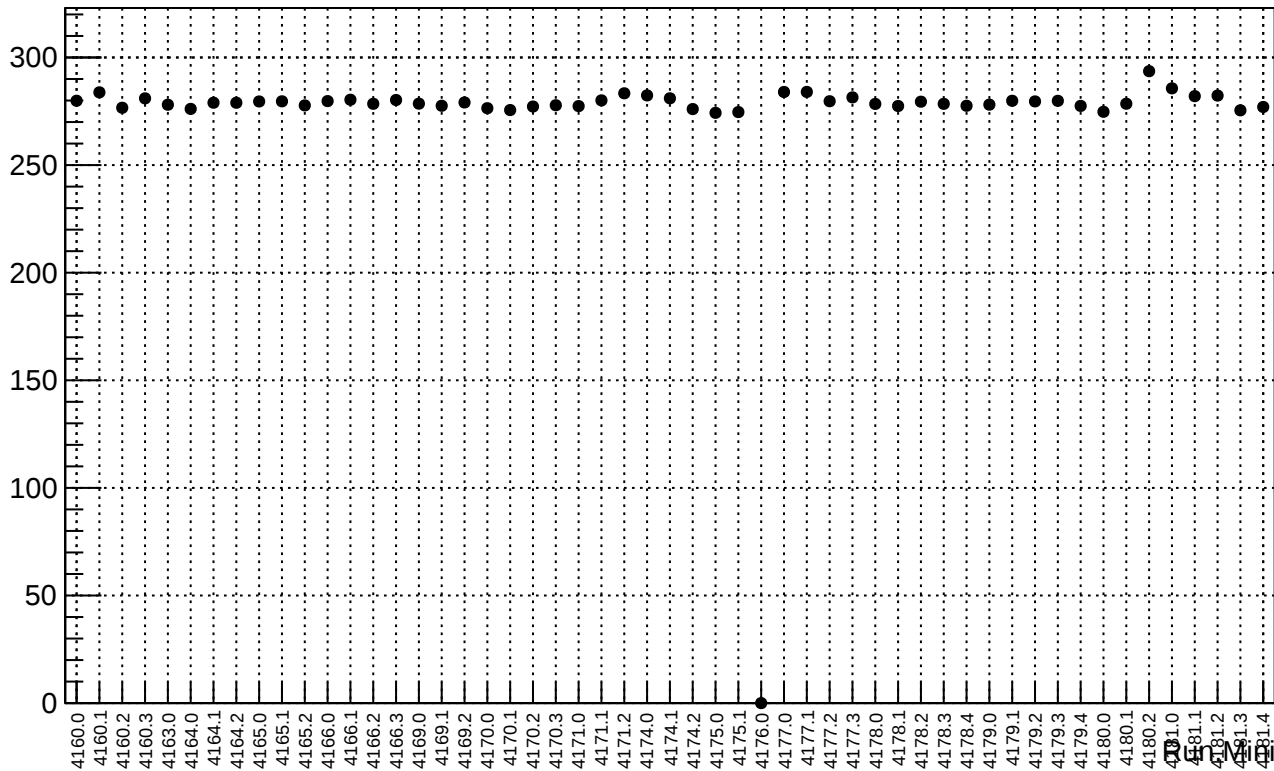
59.47 / 51
 225.5 ± 389.1



reg_asym_atr_dd.rms/ppm



reg_asym_atr_dd.rms/ppm



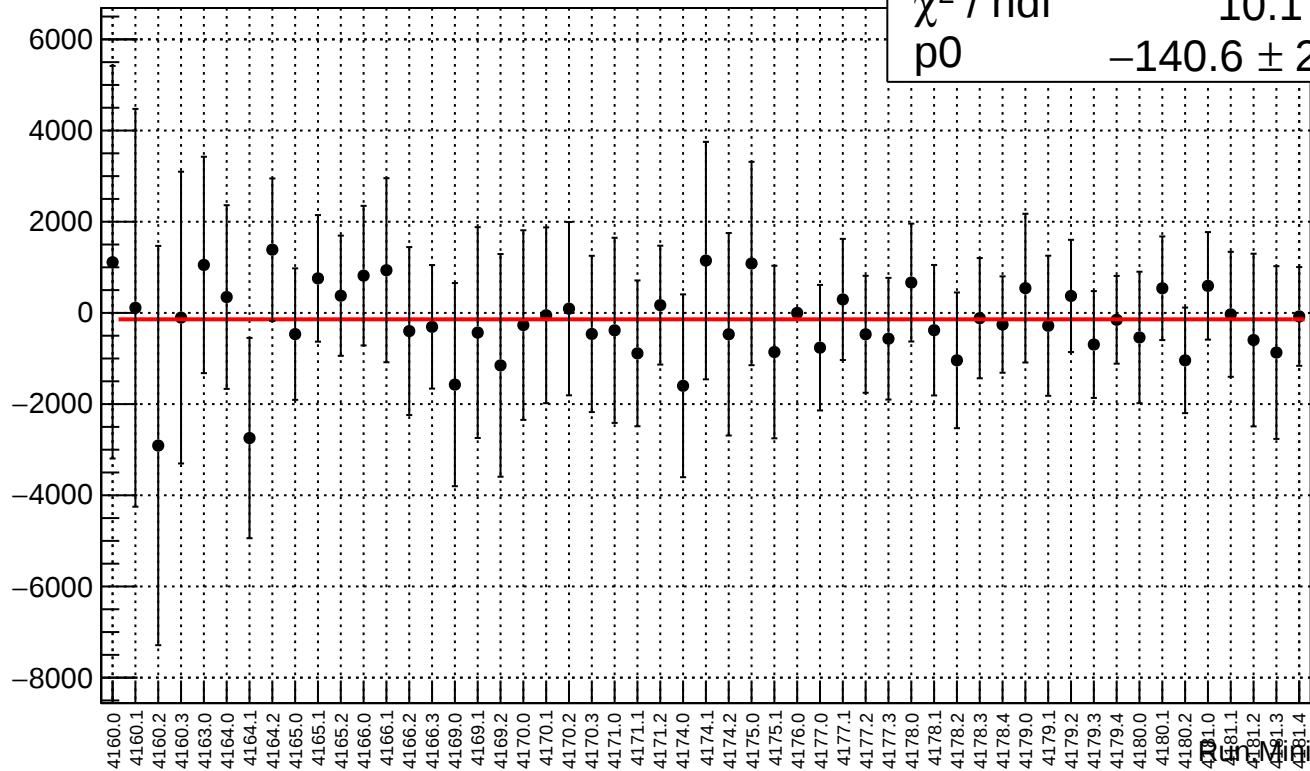
reg_asym_bcm_an_ds3.mean/ppb

χ^2 / ndf

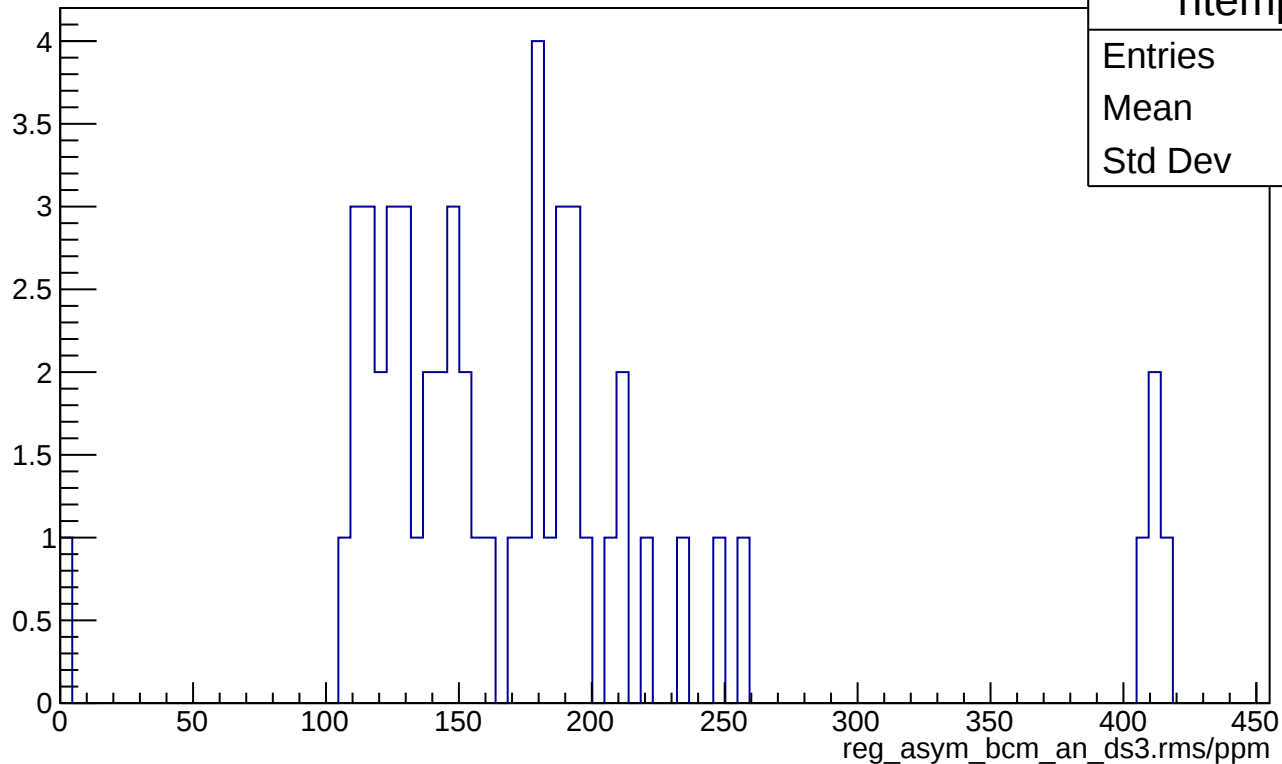
10.17 / 51

p0

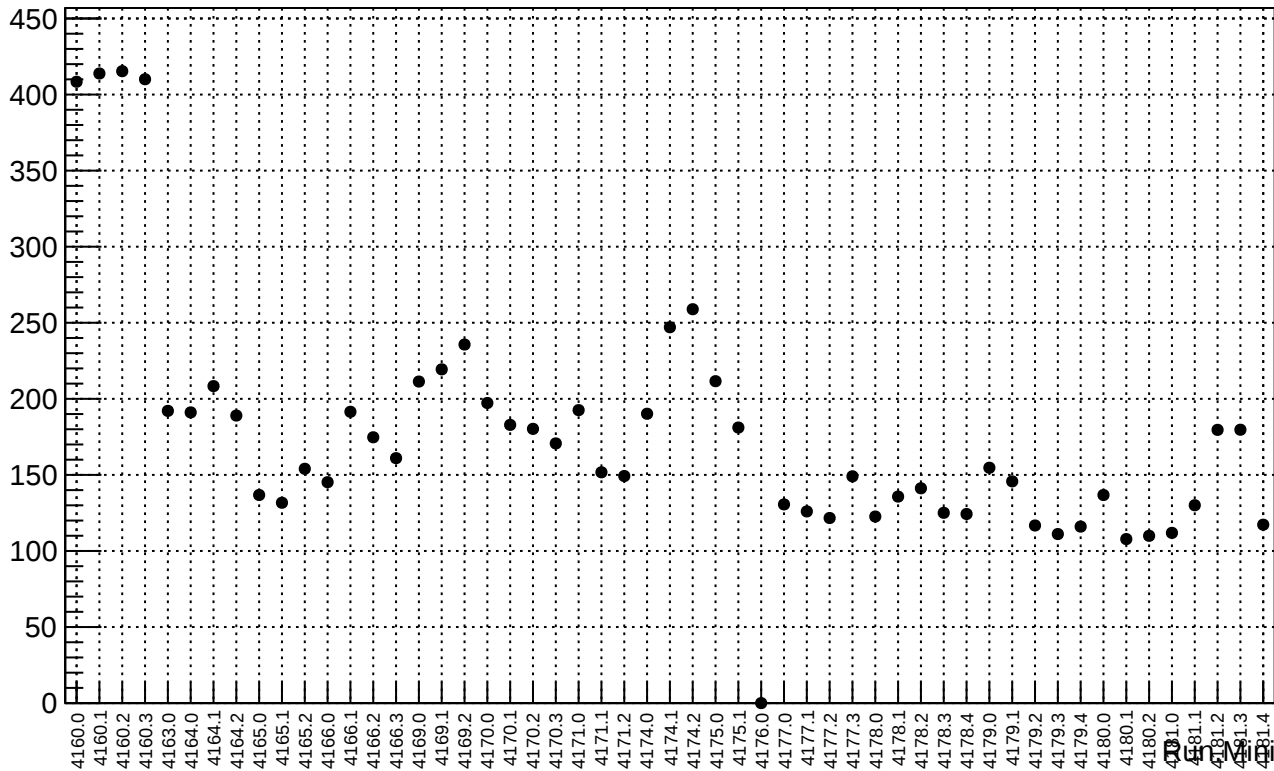
-140.6 ± 215.4



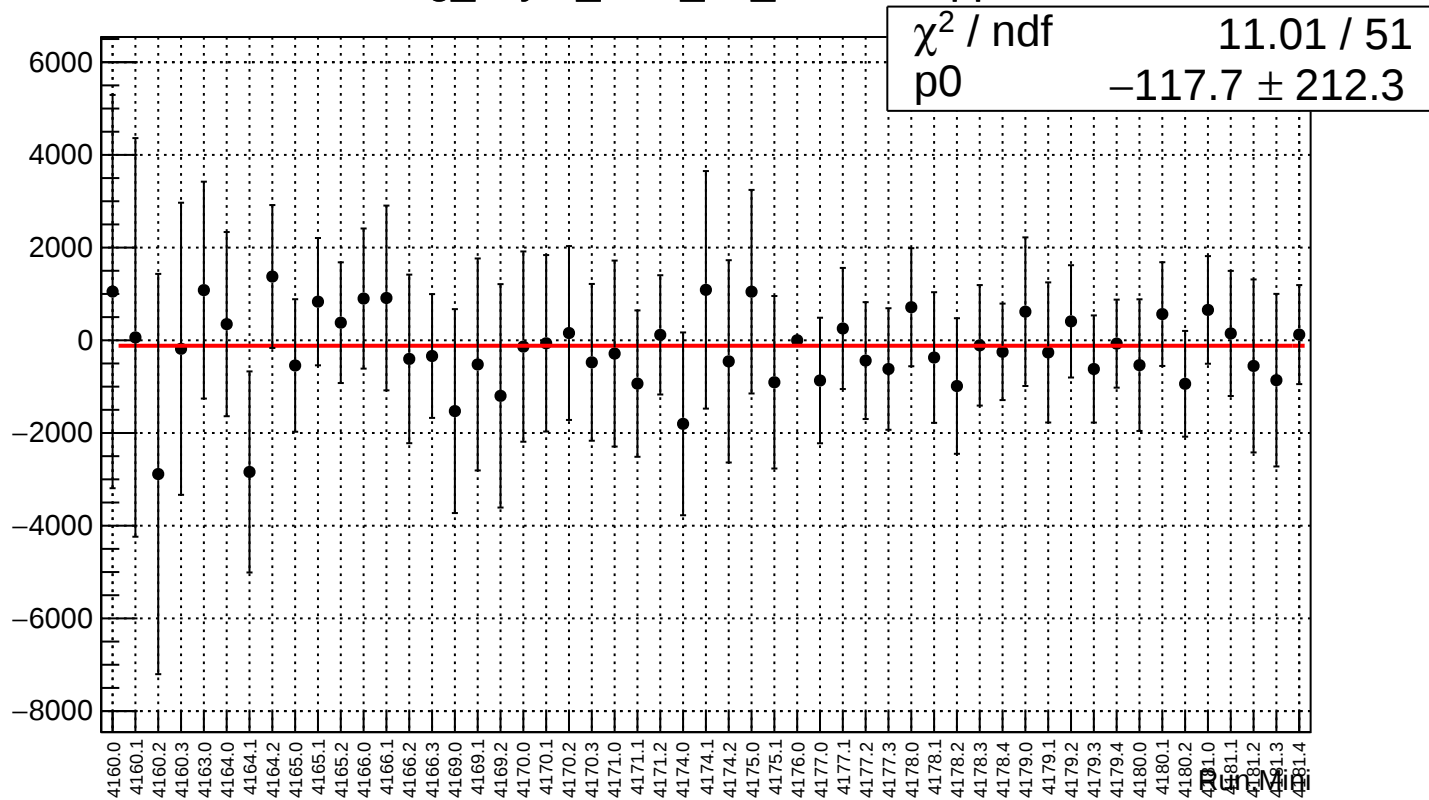
reg_asym_bcm_an_ds3.rms/ppm



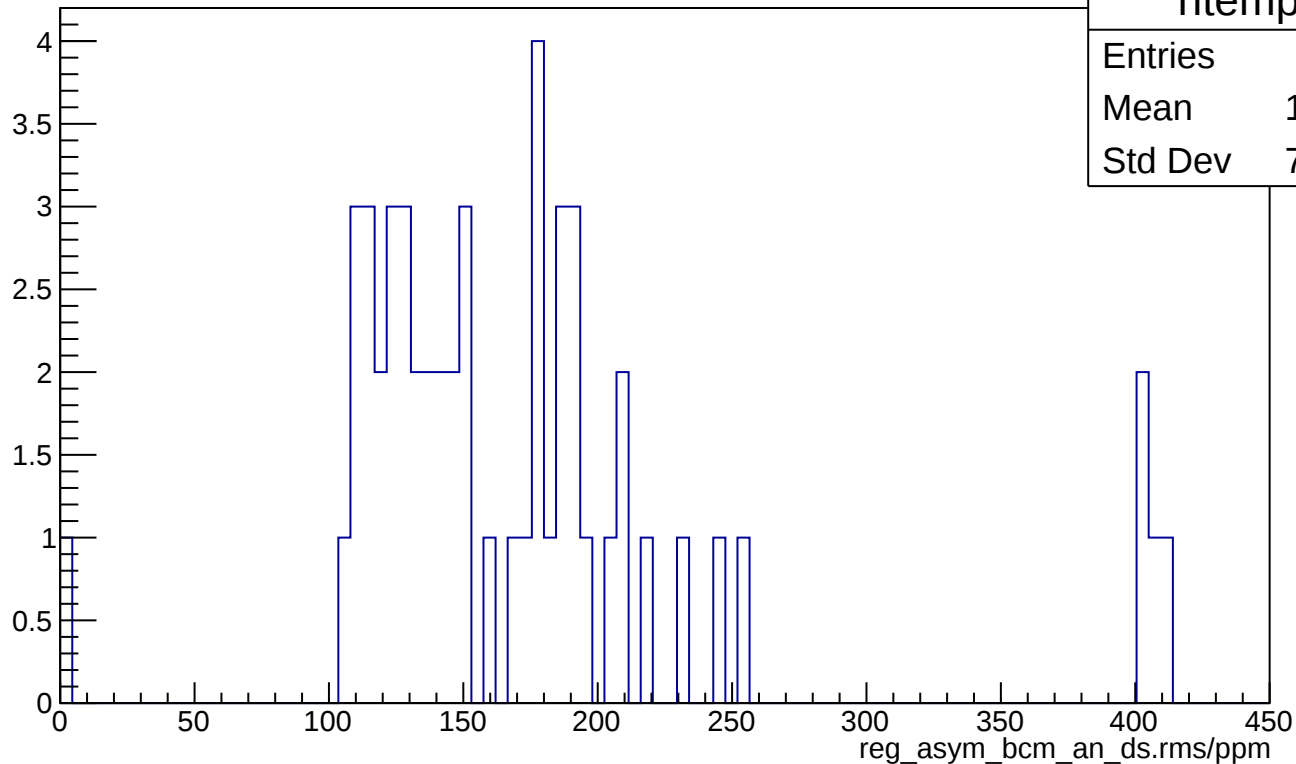
reg_asym_bcm_an_ds3.rms/ppm



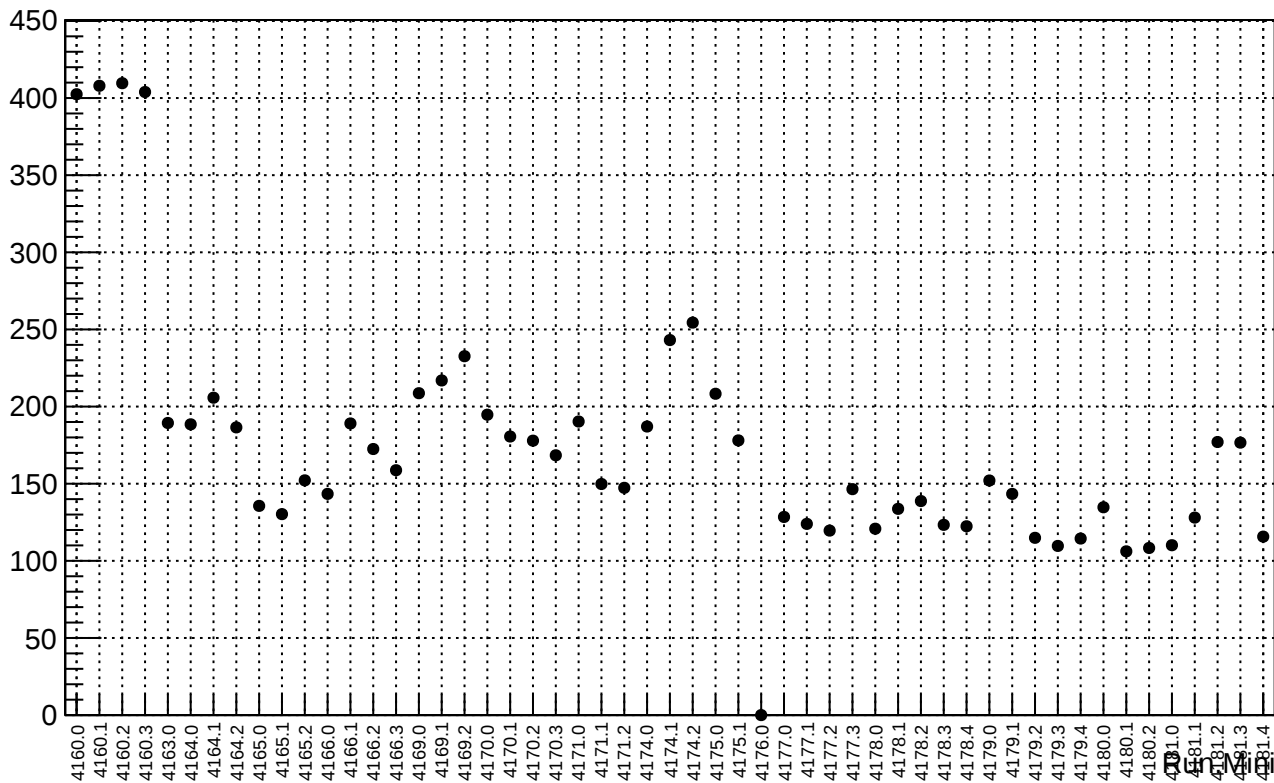
reg_asym_bcm_an_ds.mean/ppb



reg_asym_bcm_an_ds.rms/ppm



reg_asym_bcm_an_ds.rms/ppm

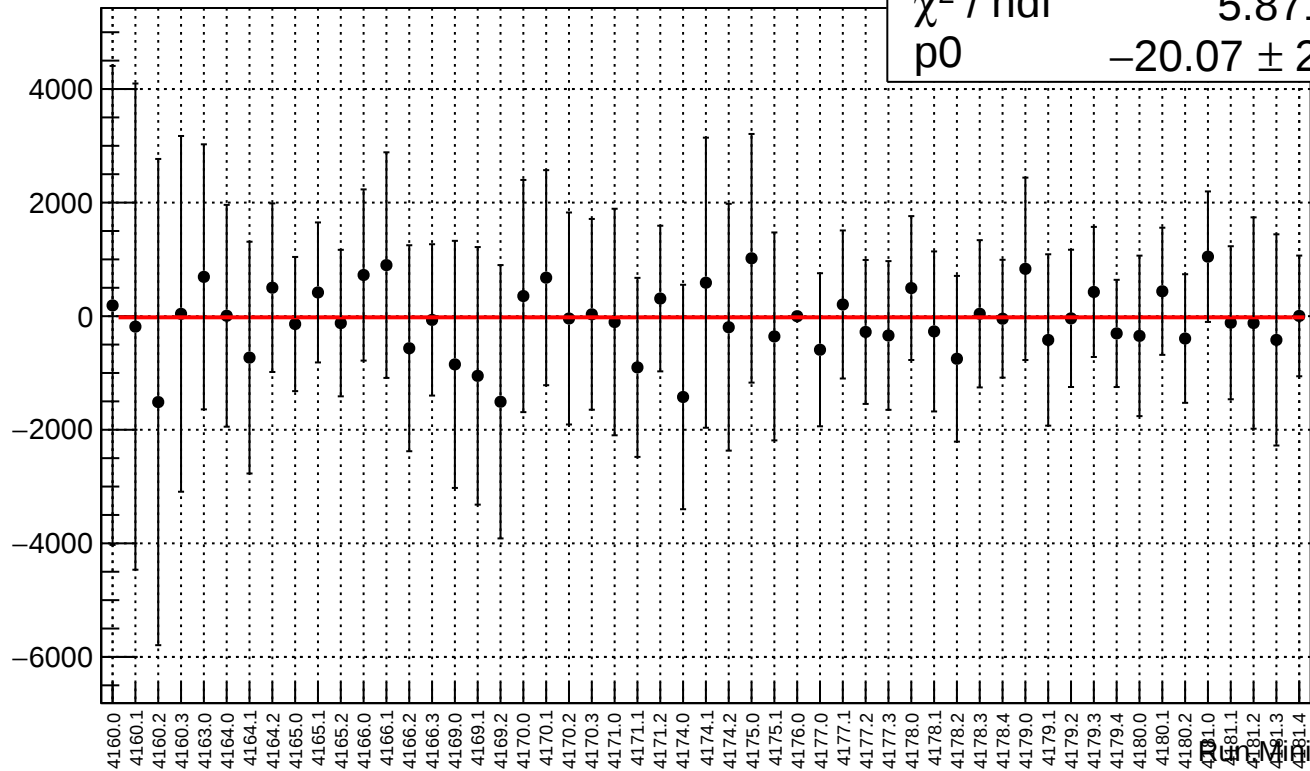


reg_asym_bcm_an_us.mean/ppb

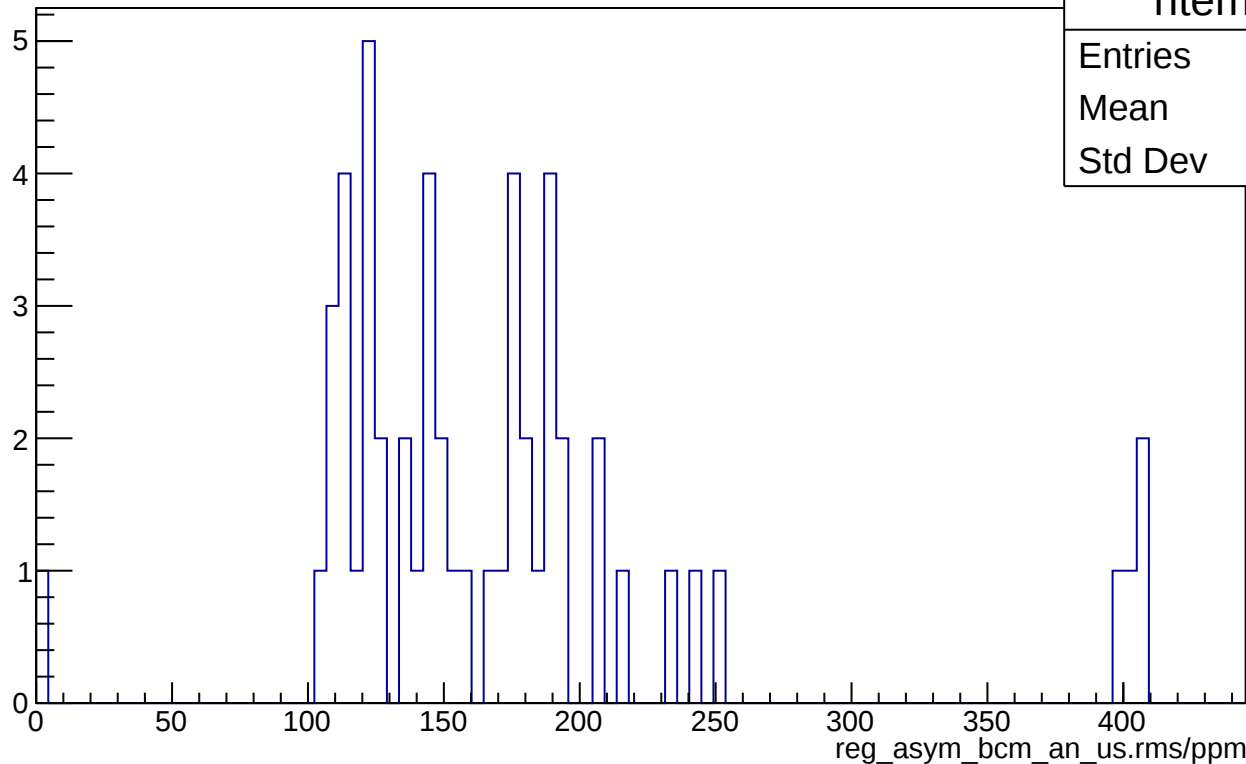
χ^2 / ndf
p0

5.871 / 51

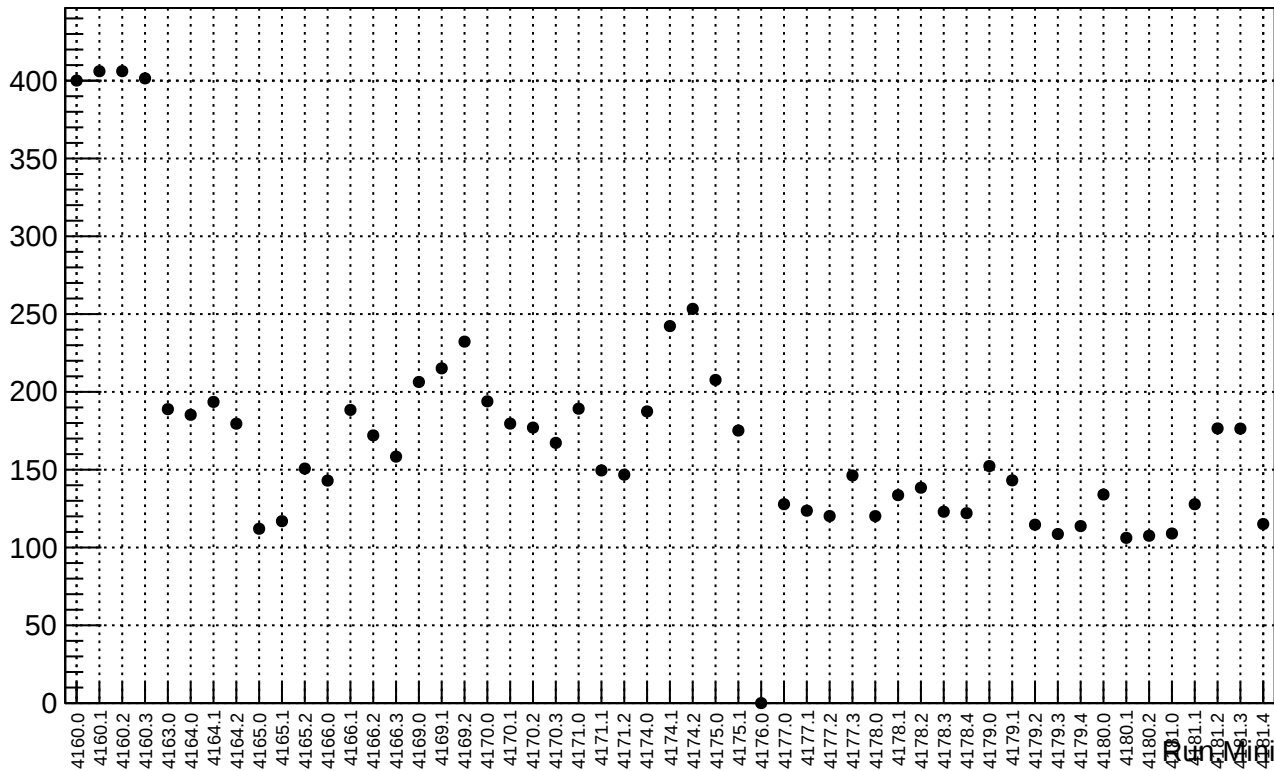
-20.07 ± 209.5



reg_asym_bcm_an_us.rms/ppm



reg_asym_bcm_an_us.rms/ppm



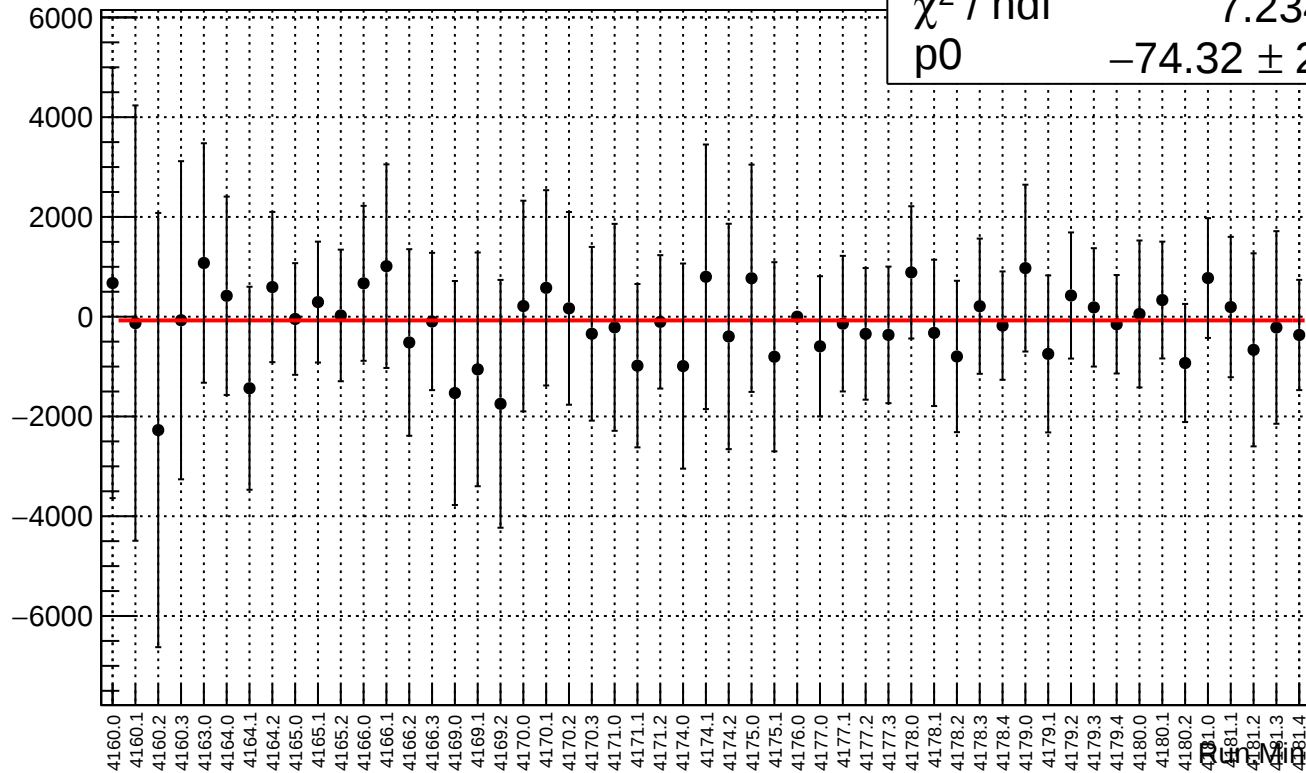
reg_asym_bcm_dg_ds.mean/ppb

χ^2 / ndf

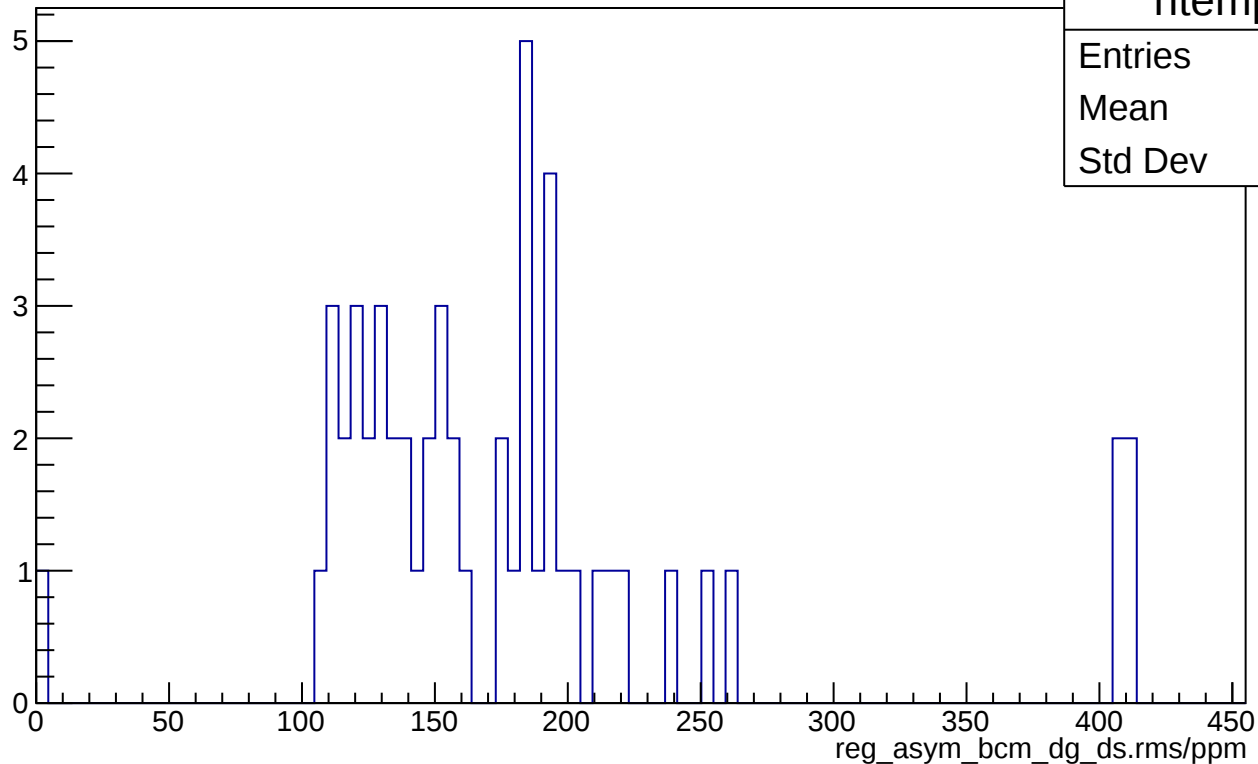
7.234 / 51

p0

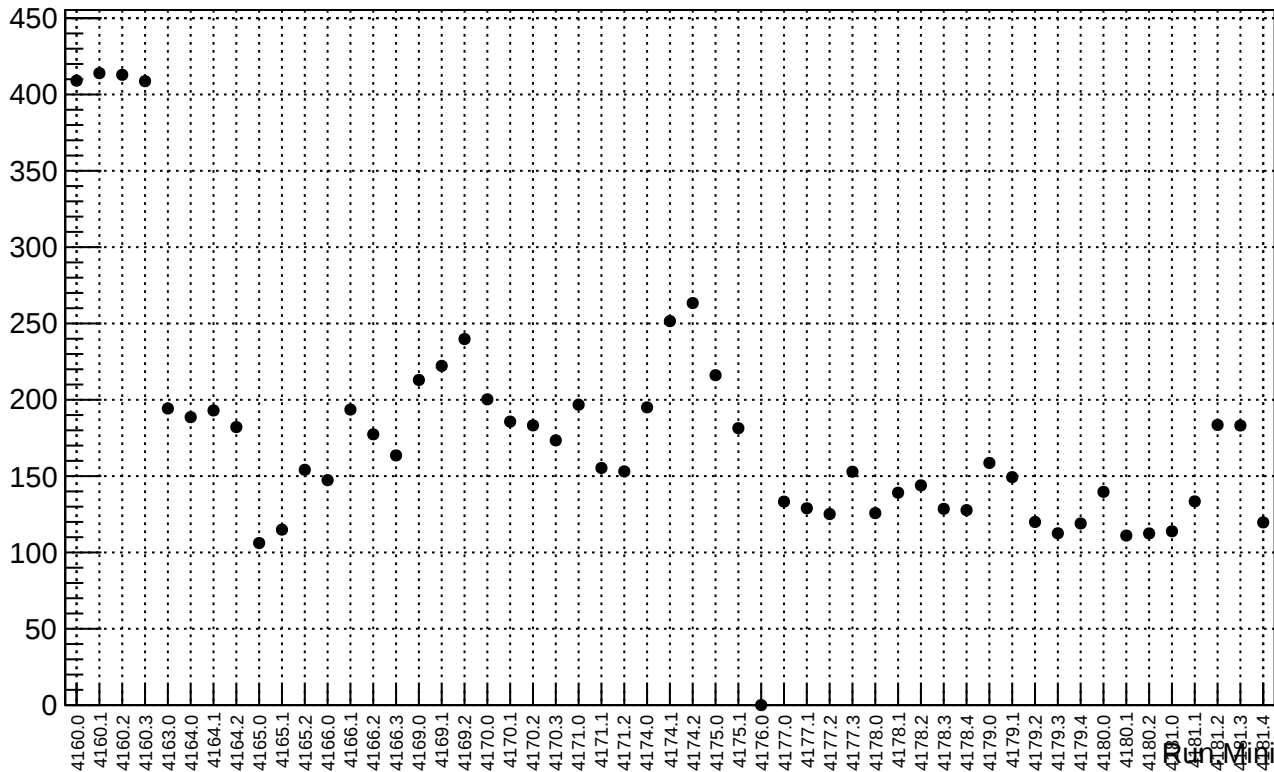
-74.32 ± 216.6



reg_asym_bcm_dg_ds.rms/ppm



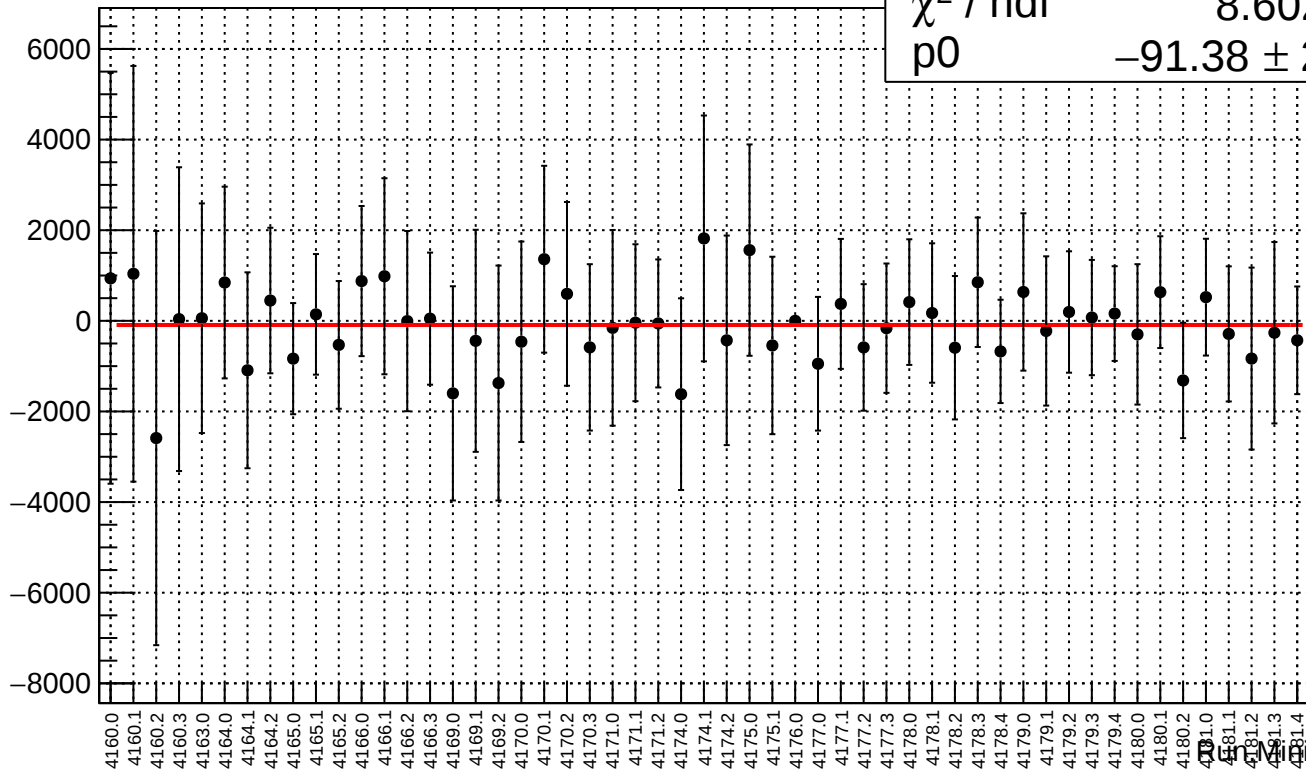
reg_asym_bcm_dg_ds.rms/ppm



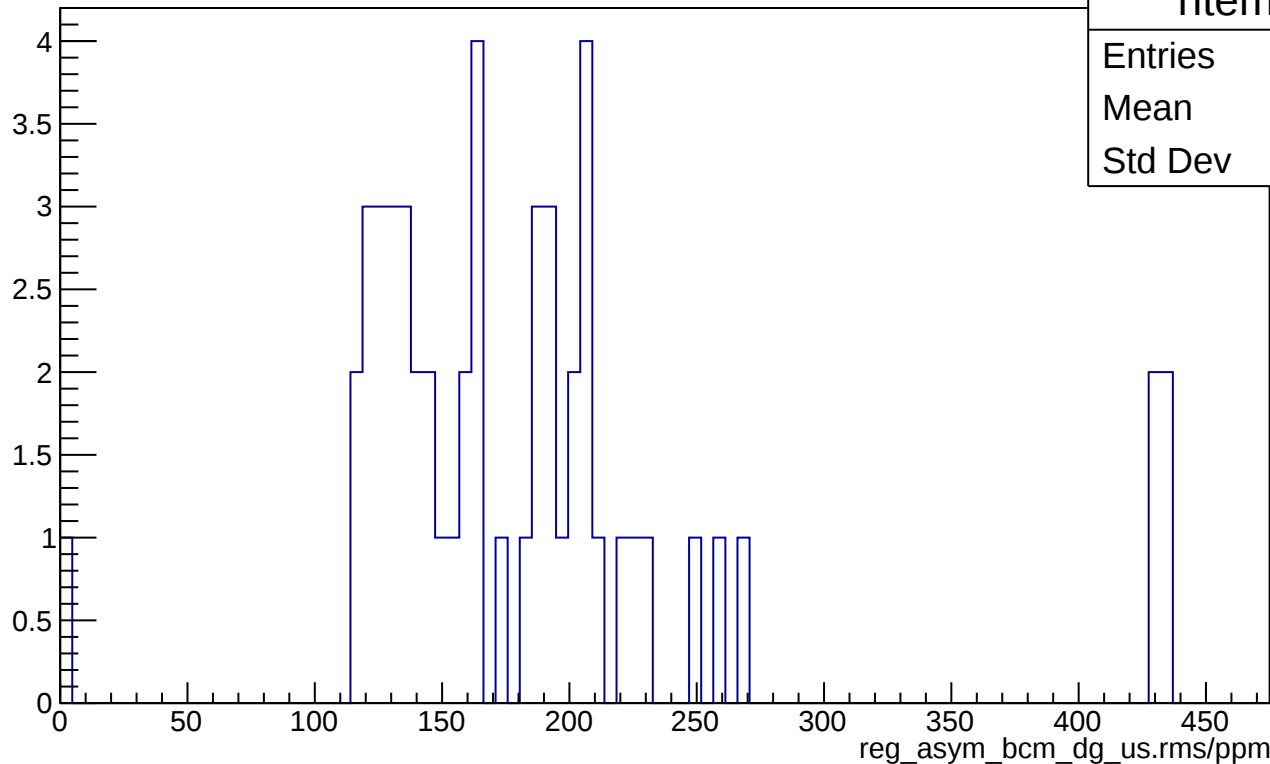
reg_asym_bcm_dg_us.mean/ppb

χ^2 / ndf
p0

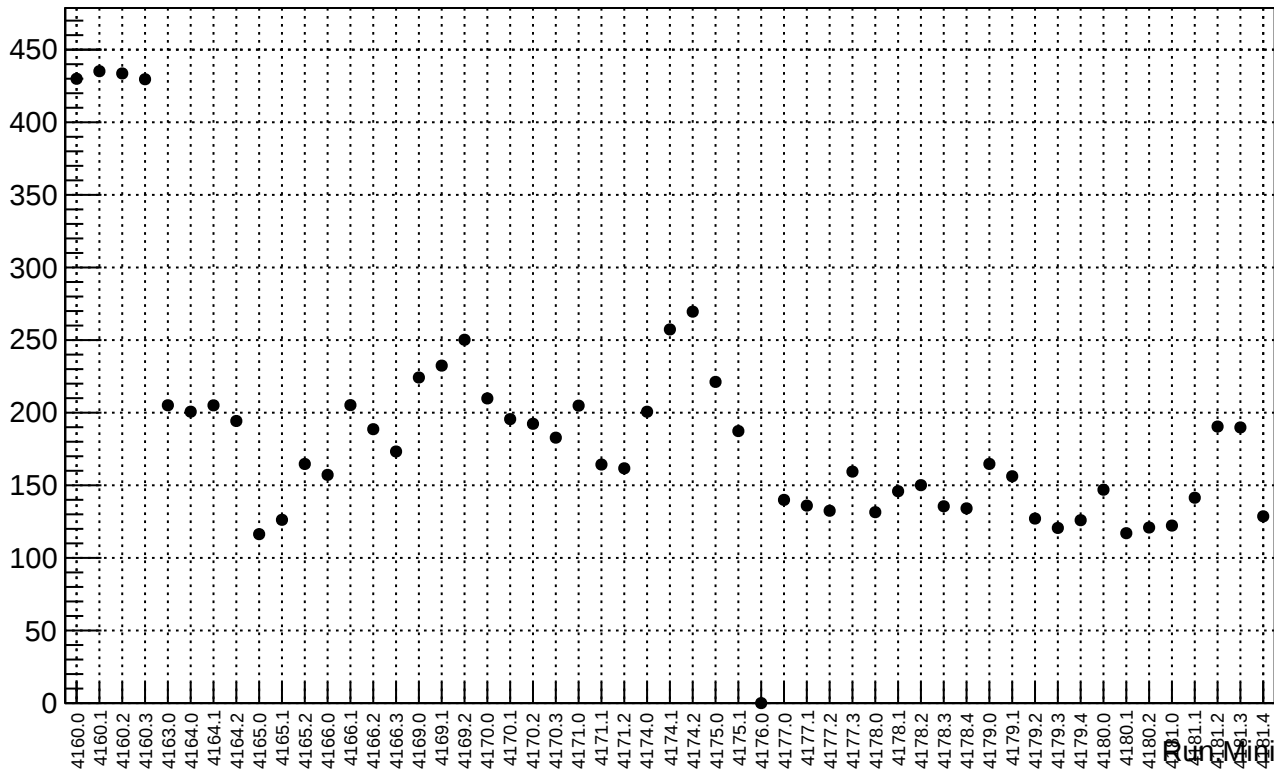
8.602 / 51
 -91.38 ± 229.1



reg_asym_bcm_dg_us.rms/ppm



reg_asym_bcm_dg_us.rms/ppm



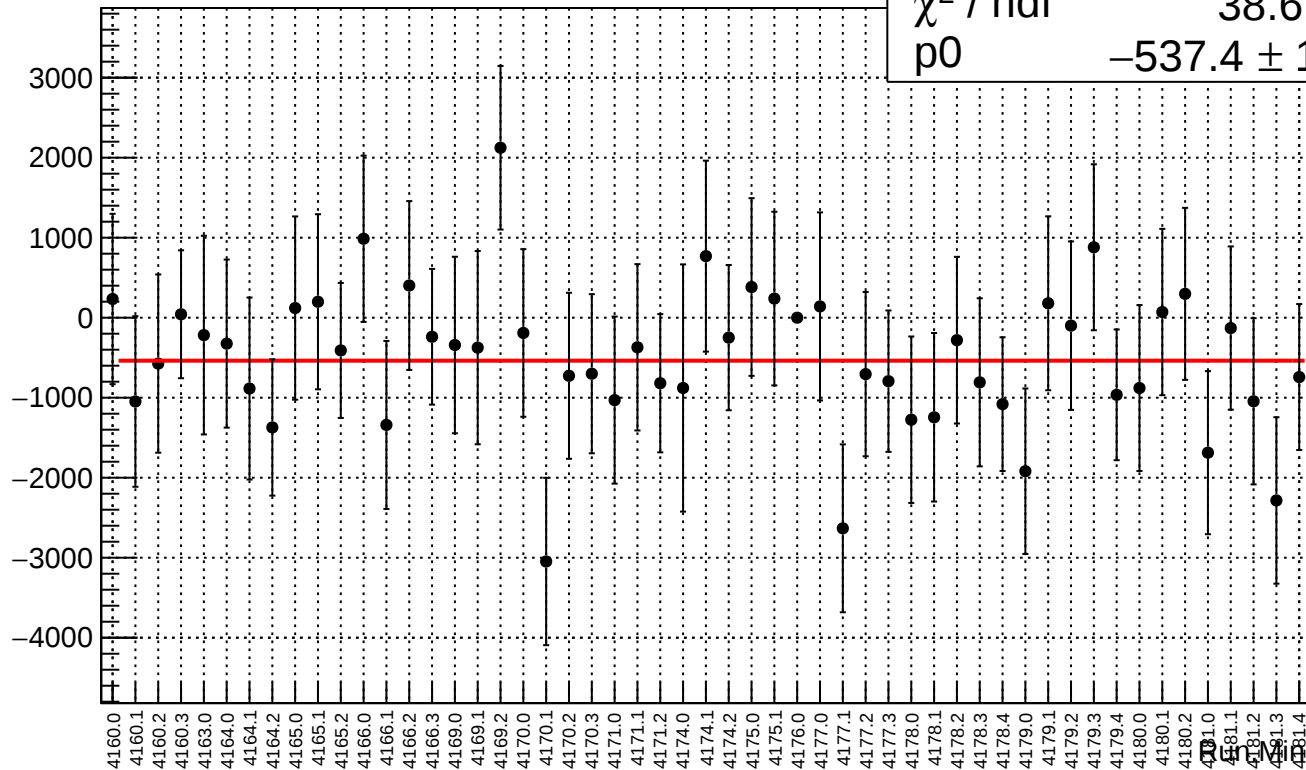
reg_asym_ds_avg.mean/ppb

χ^2 / ndf

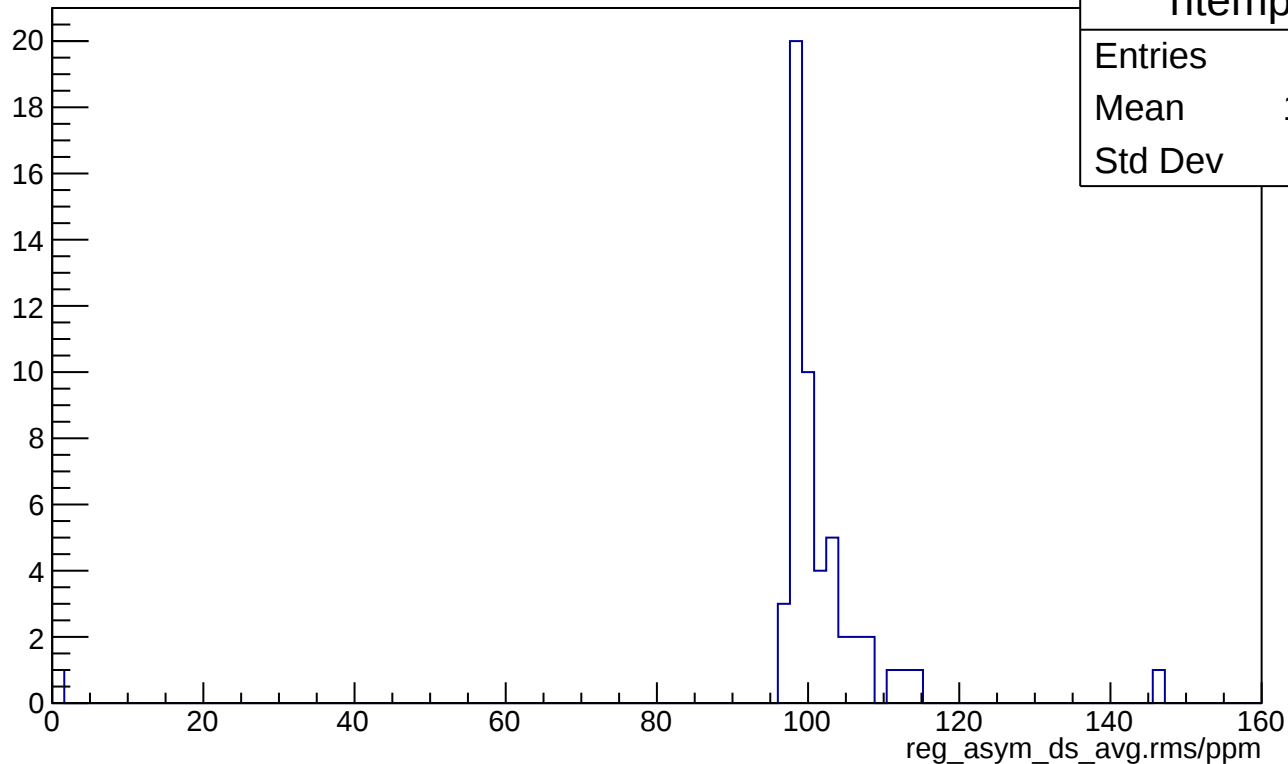
38.61 / 51

p0

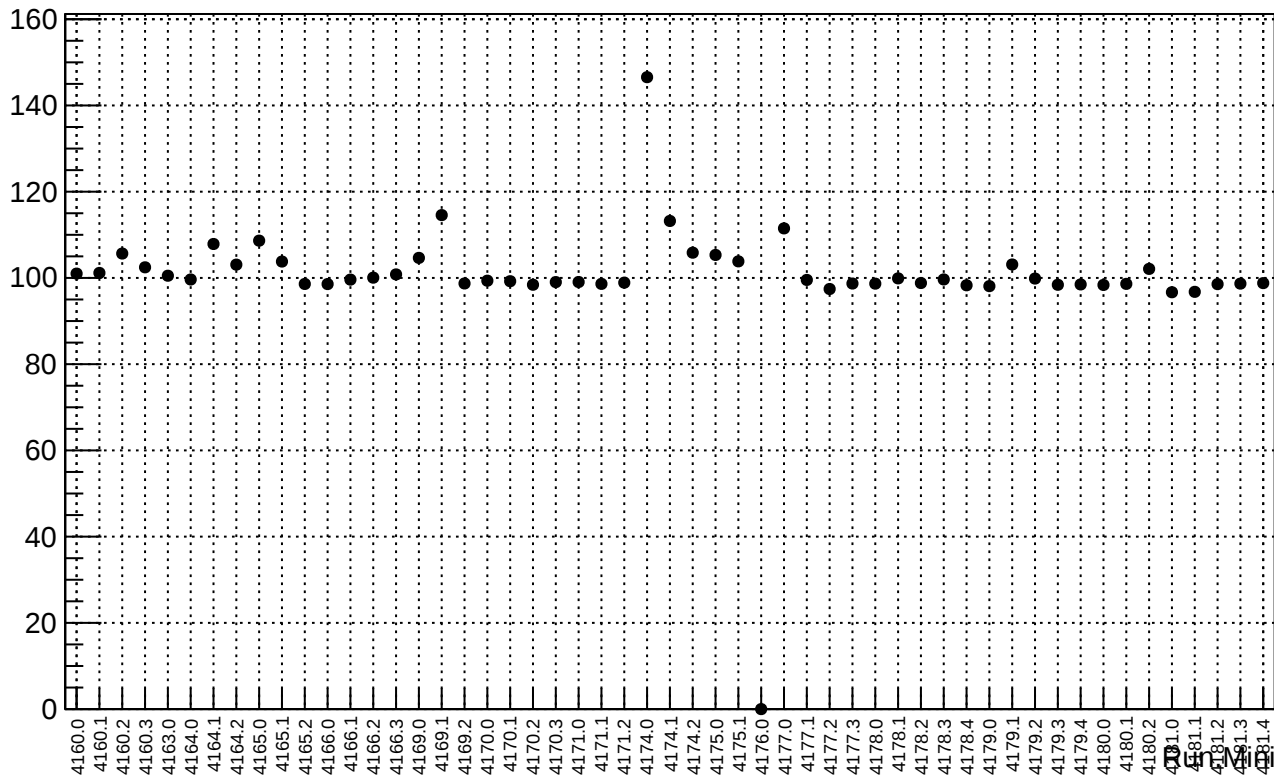
-537.4 ± 141.3



reg_asym_ds_avg.rms/ppm



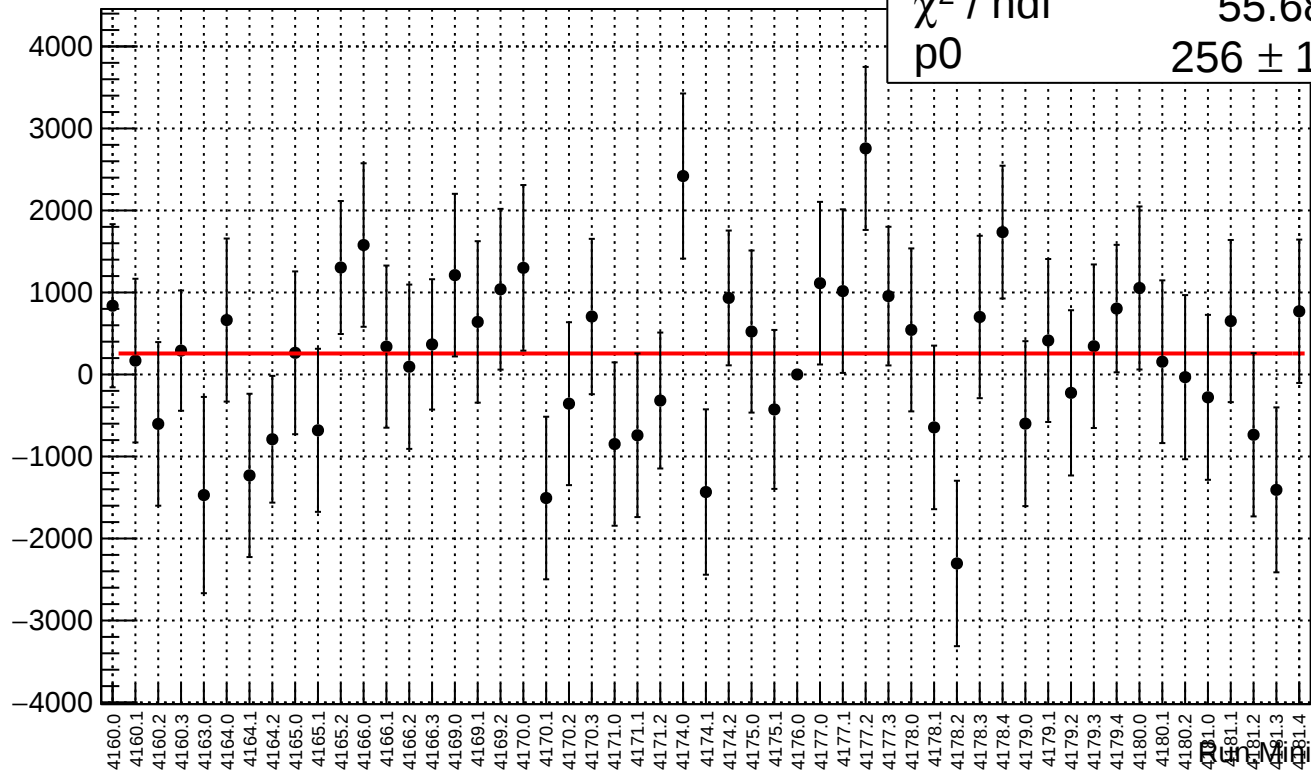
reg_asym_ds_avg.rms/ppm



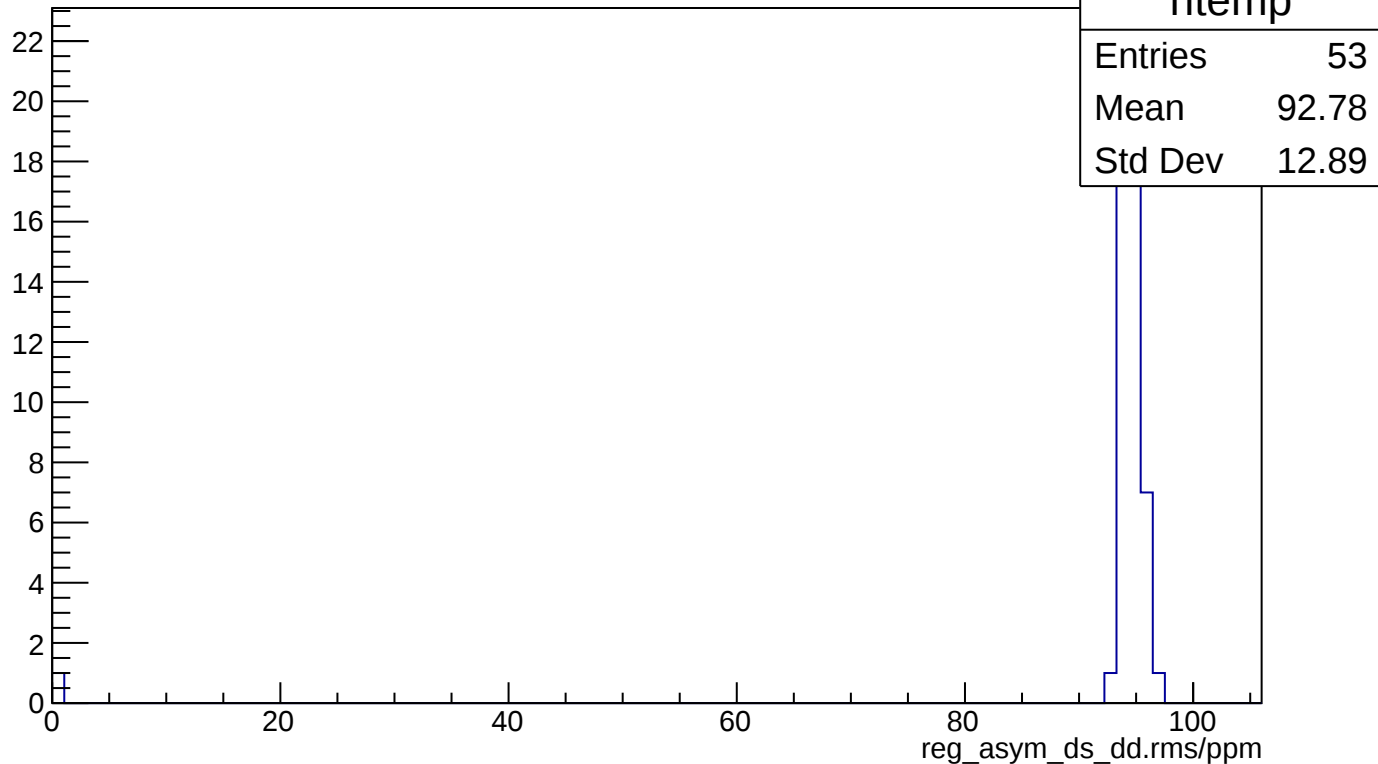
reg_asym_ds_dd.mean/ppb

χ^2 / ndf
p0

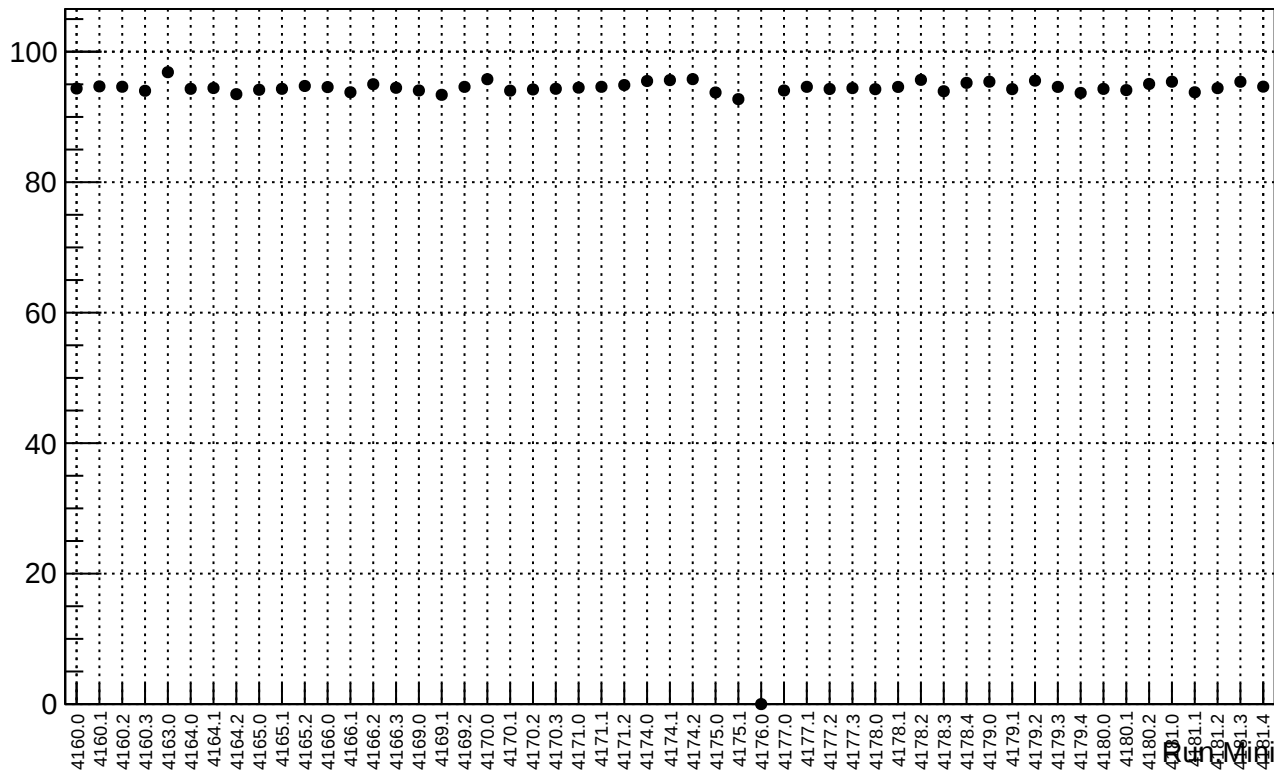
55.68 / 51
 256 ± 131.7



reg_asym_ds_dd.rms/ppm



reg_asym_ds_dd.rms/ppm



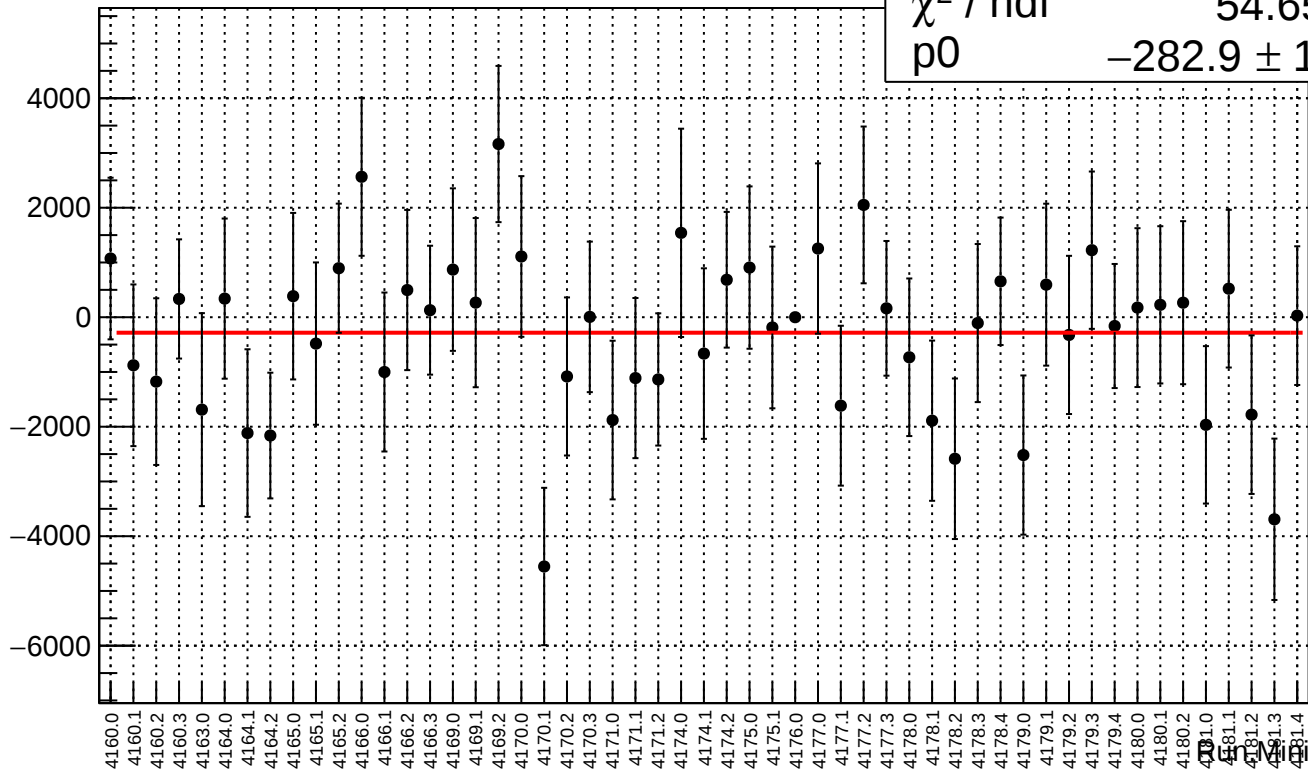
reg_asym_dsl.mean/ppb

χ^2 / ndf

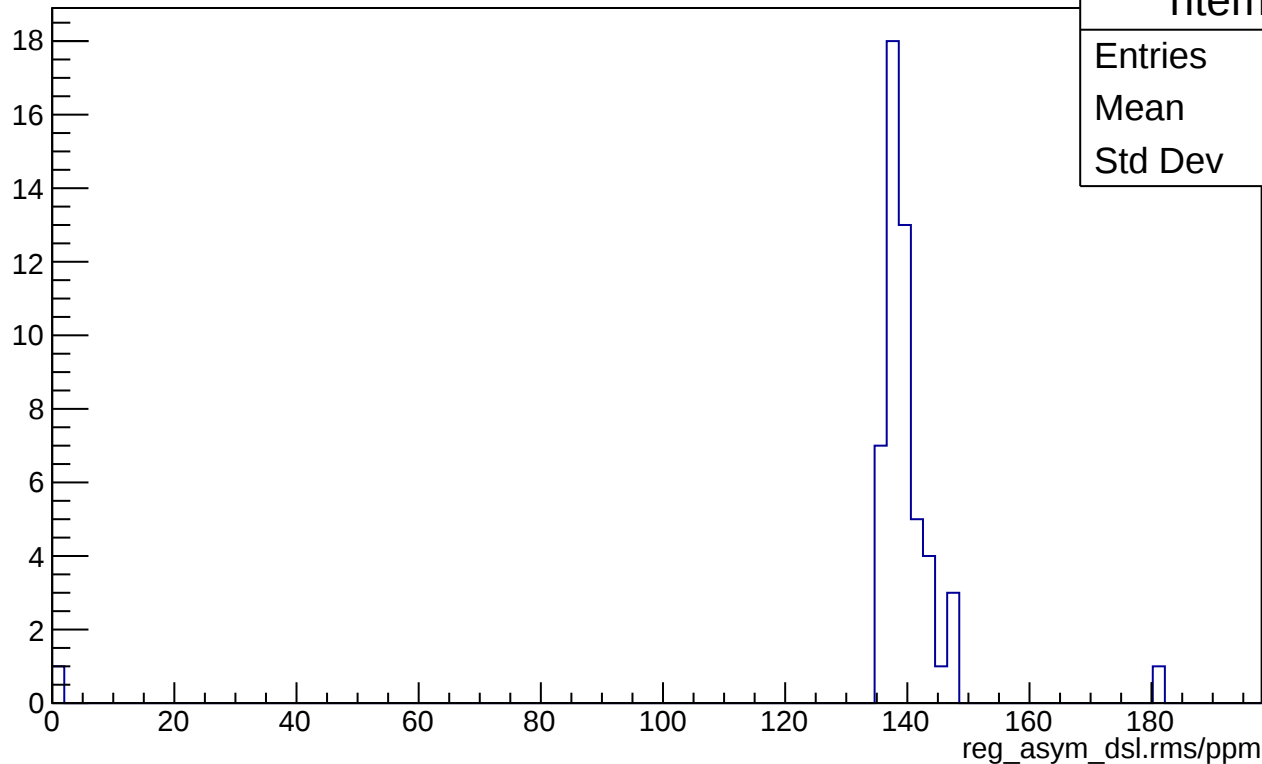
54.65 / 51

p0

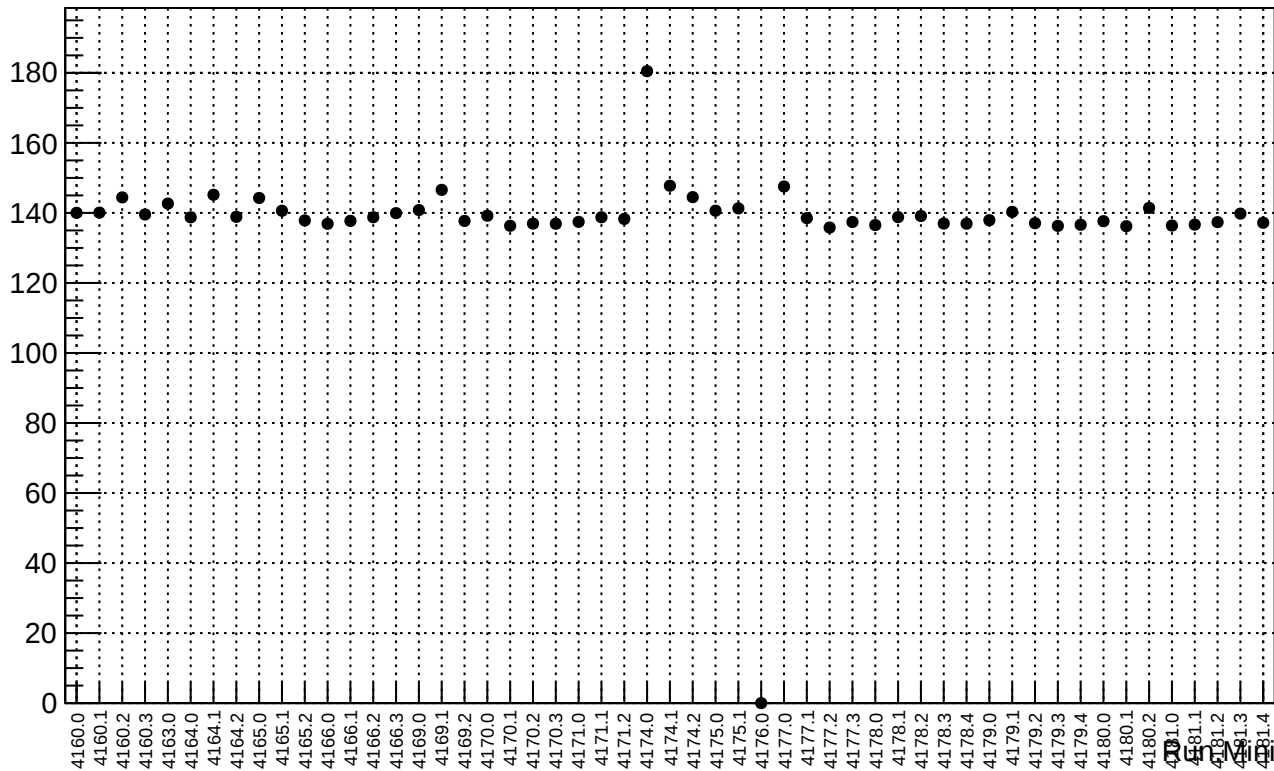
-282.9 ± 194.7



reg_asym_dsl.rms/ppm



reg_asym_dsl.rms/ppm

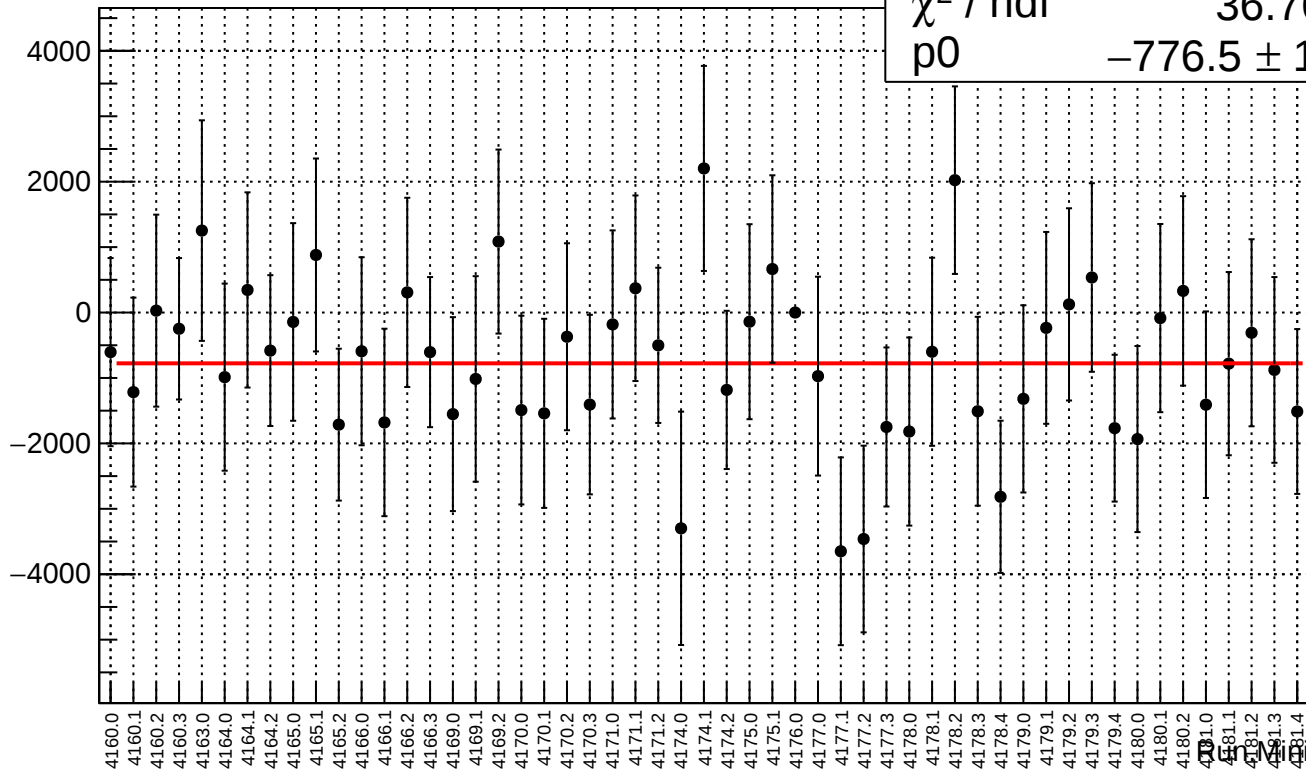


reg_asym_dsr.mean/ppb

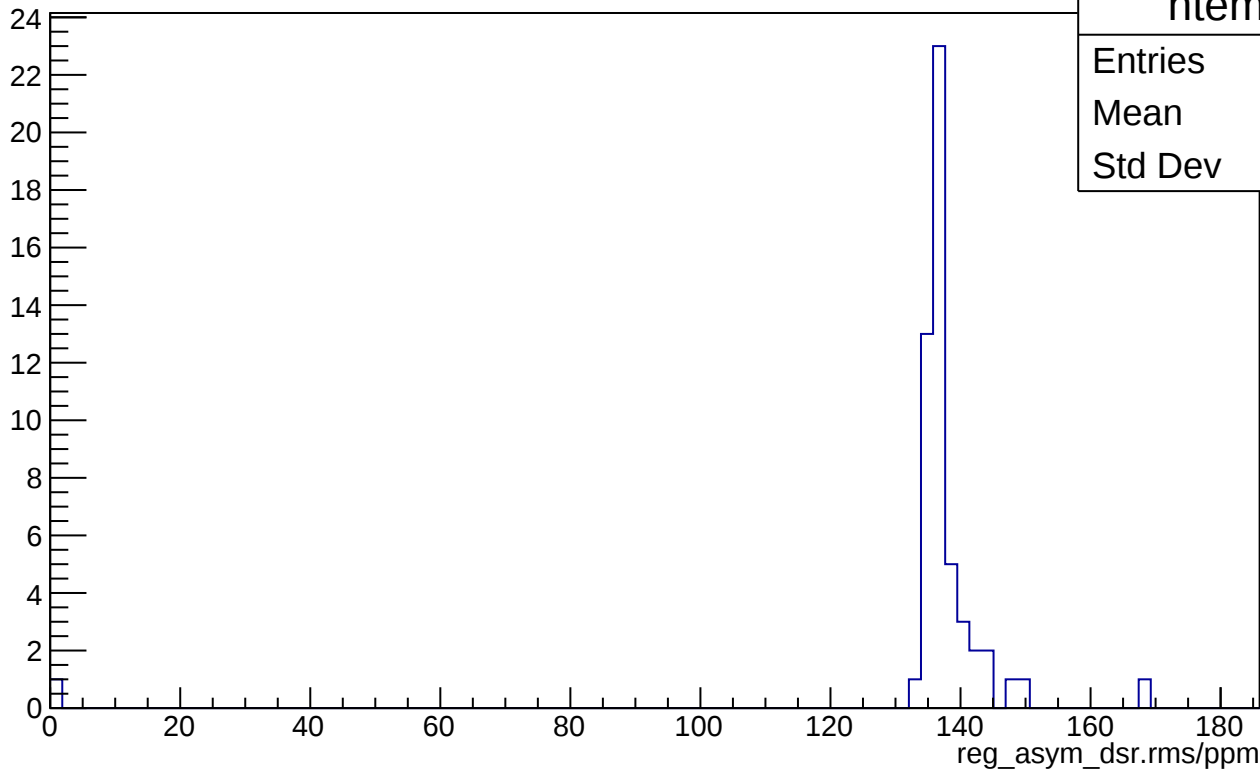
χ^2 / ndf
p0

36.76 / 51

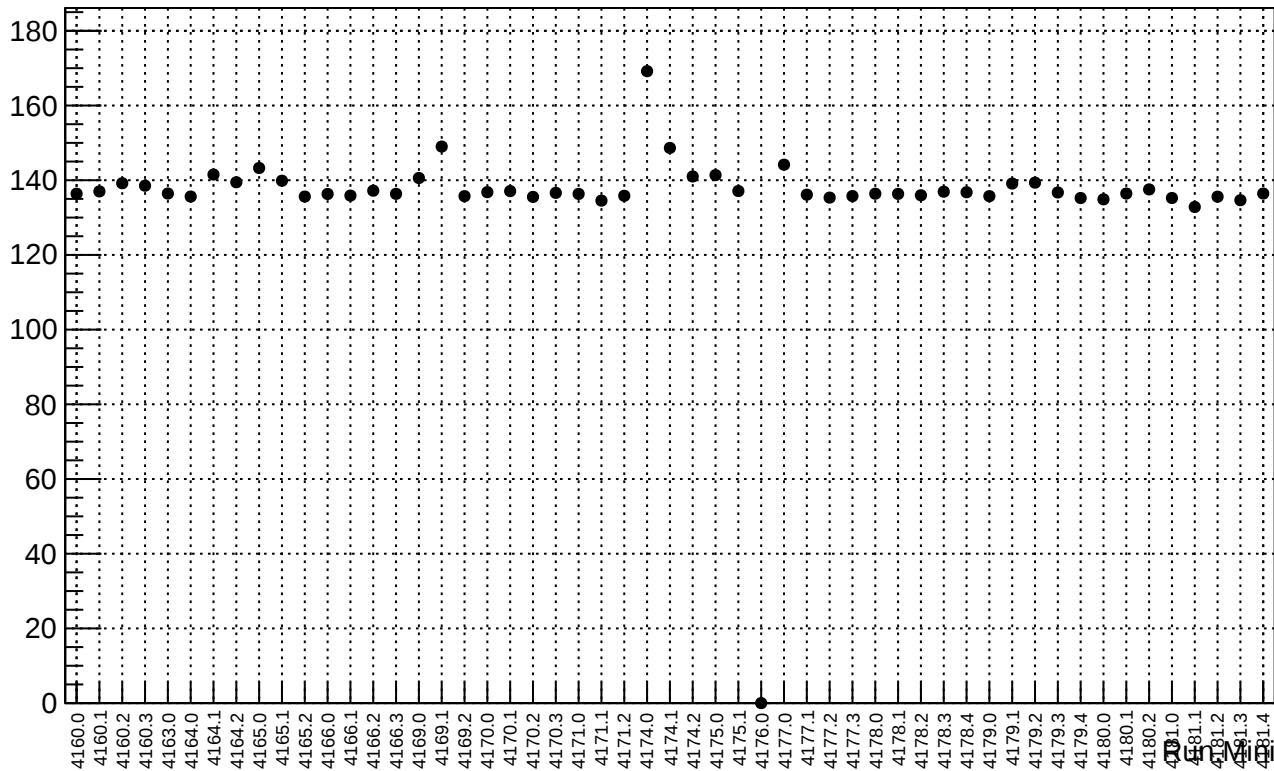
-776.5 ± 192.2



reg_asym_dsr.rms/ppm



reg_asym_dsr.rms/ppm



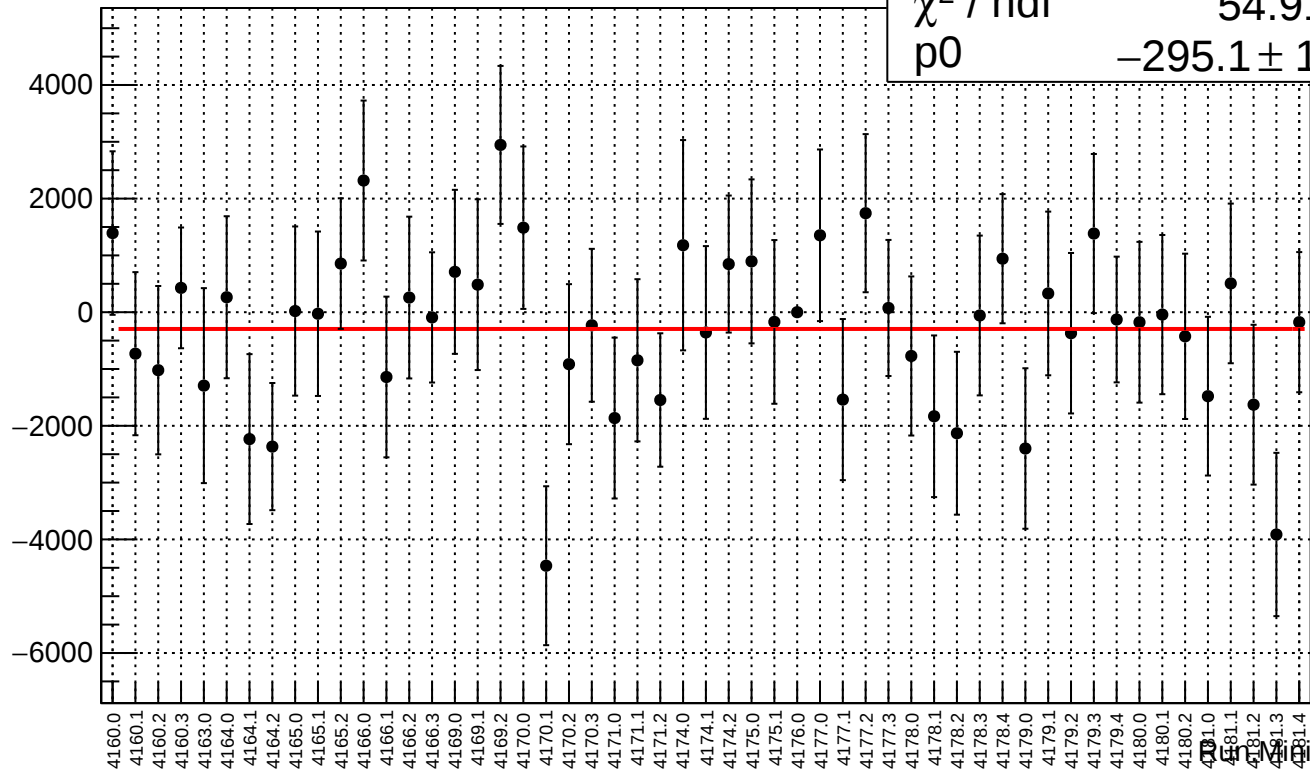
reg_asym_left_avg.mean/ppb

χ^2 / ndf

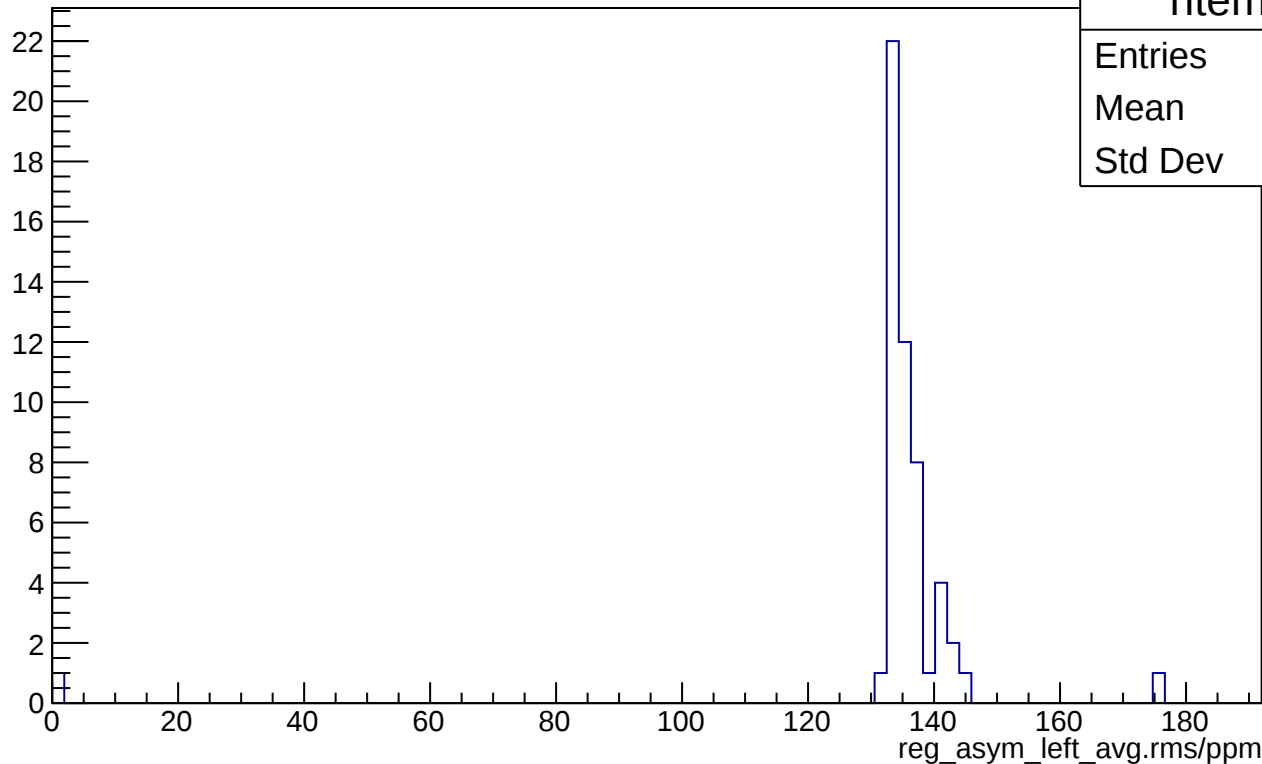
54.91 / 51

p0

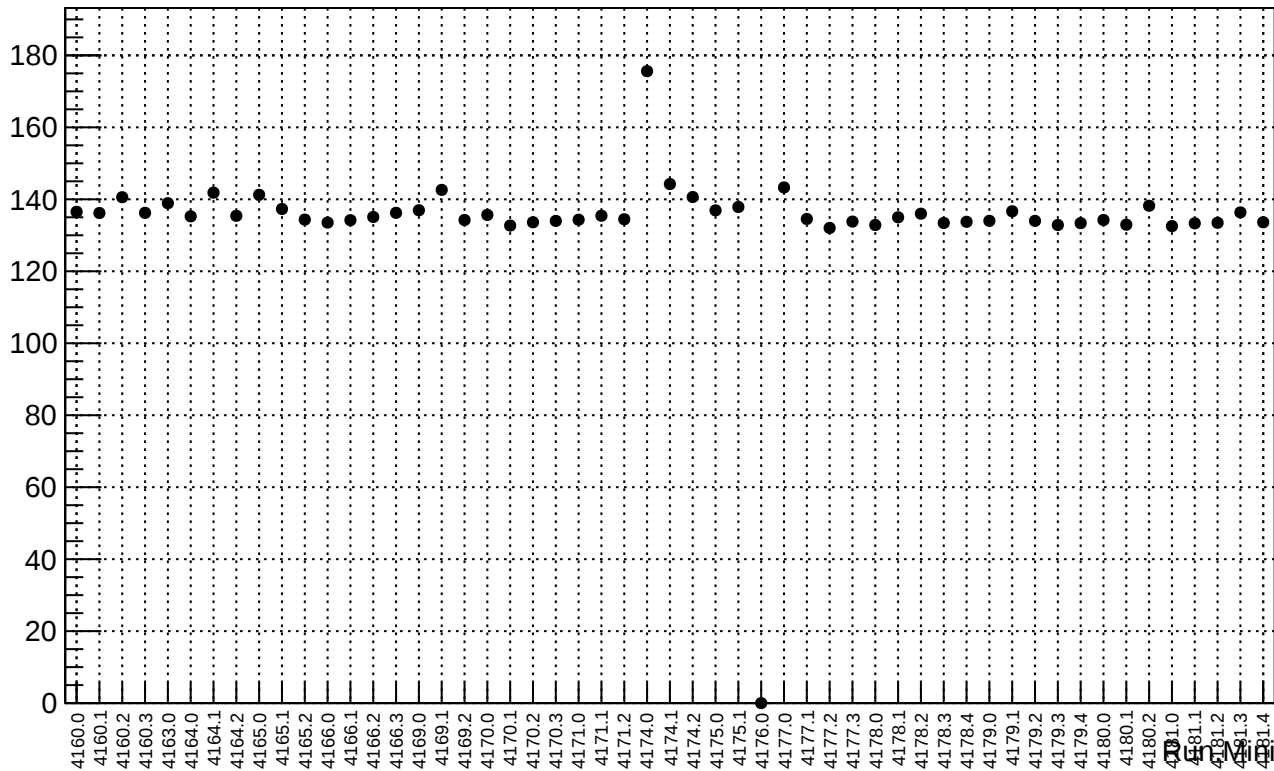
-295.1 ± 189.7



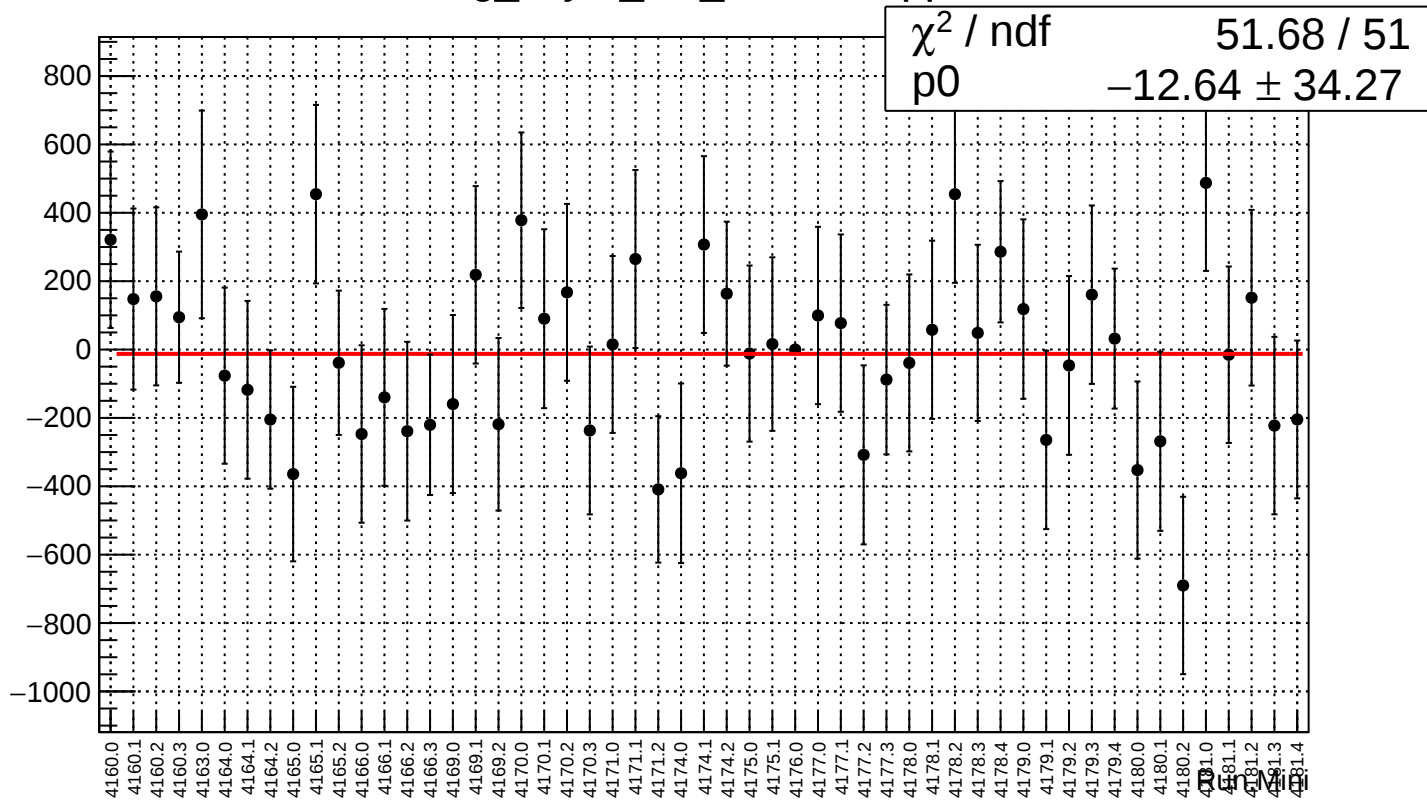
reg_asym_left_avg.rms/ppm



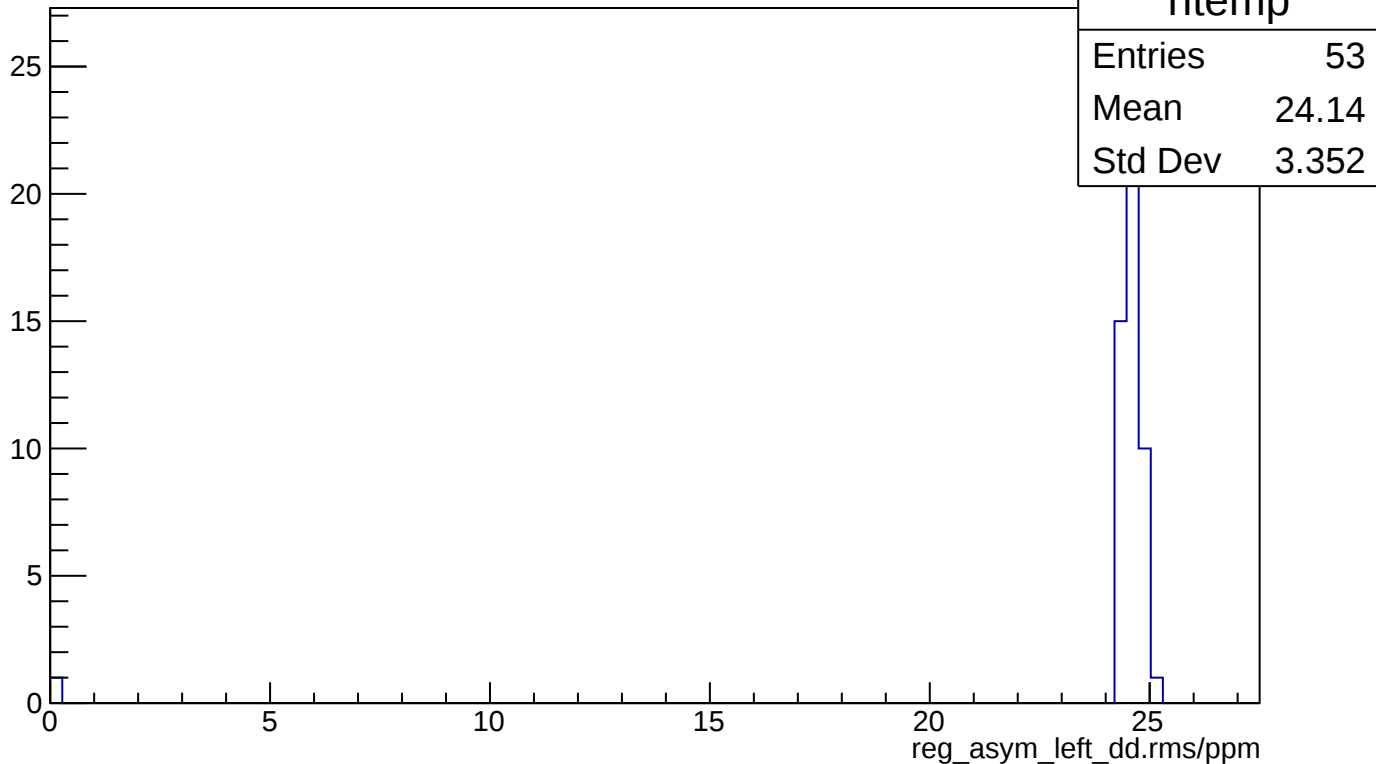
reg_asym_left_avg.rms/ppm



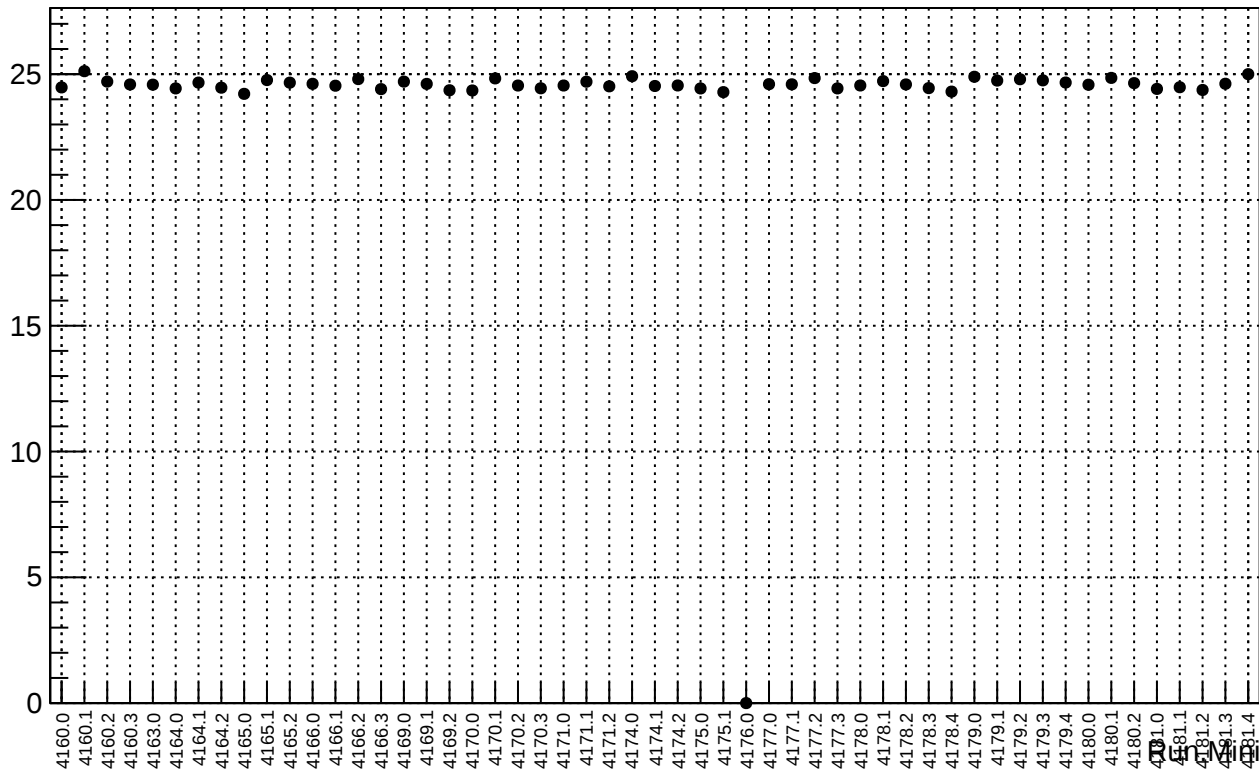
reg_asym_left_dd.mean/ppb



reg_asym_left_dd.rms/ppm



reg_asym_left_dd.rms/ppm

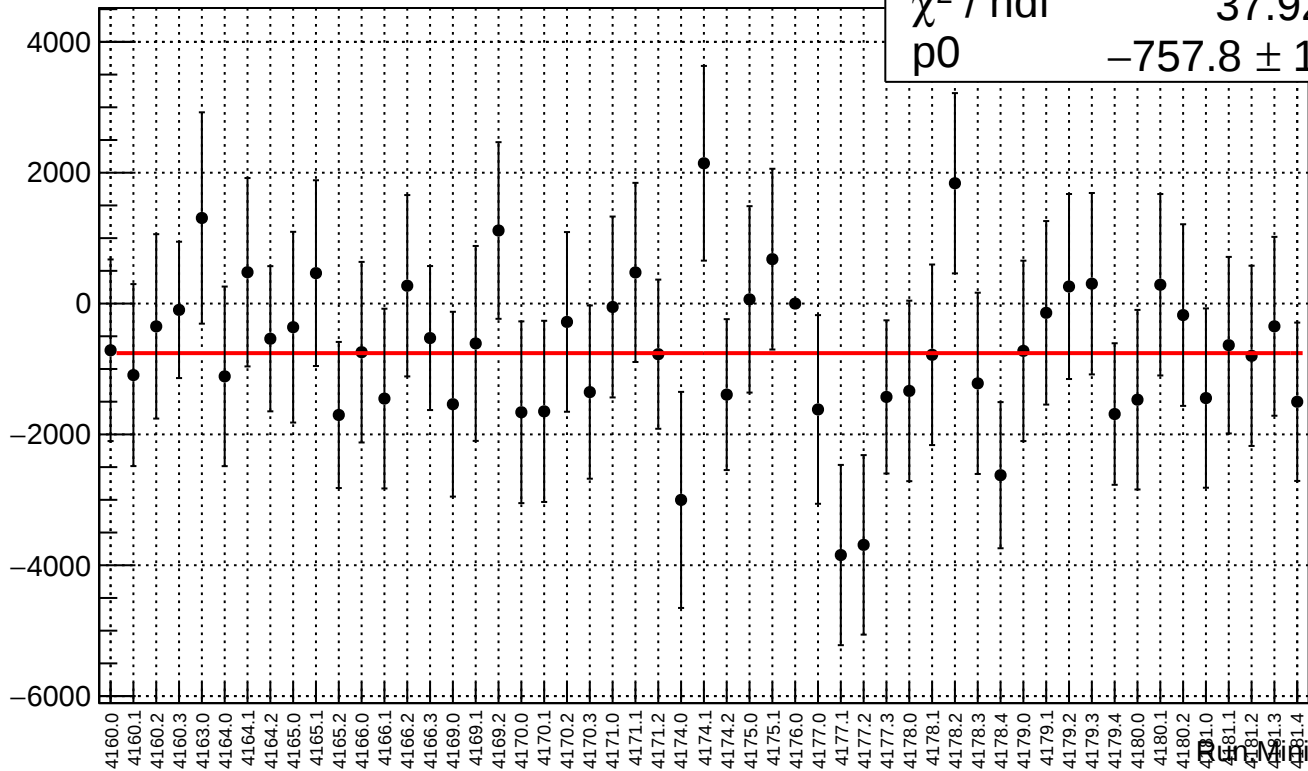


reg_asym_right_avg.mean/ppb

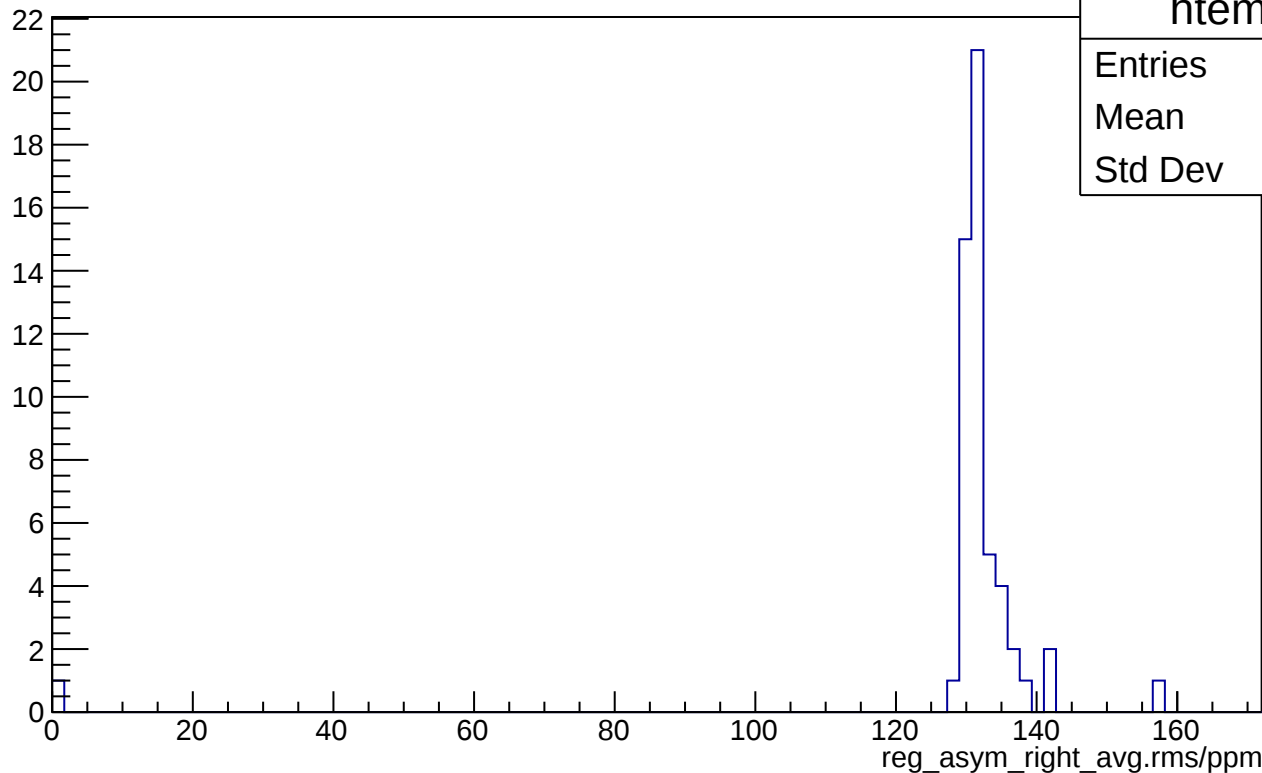
χ^2 / ndf
p0

37.92 / 51

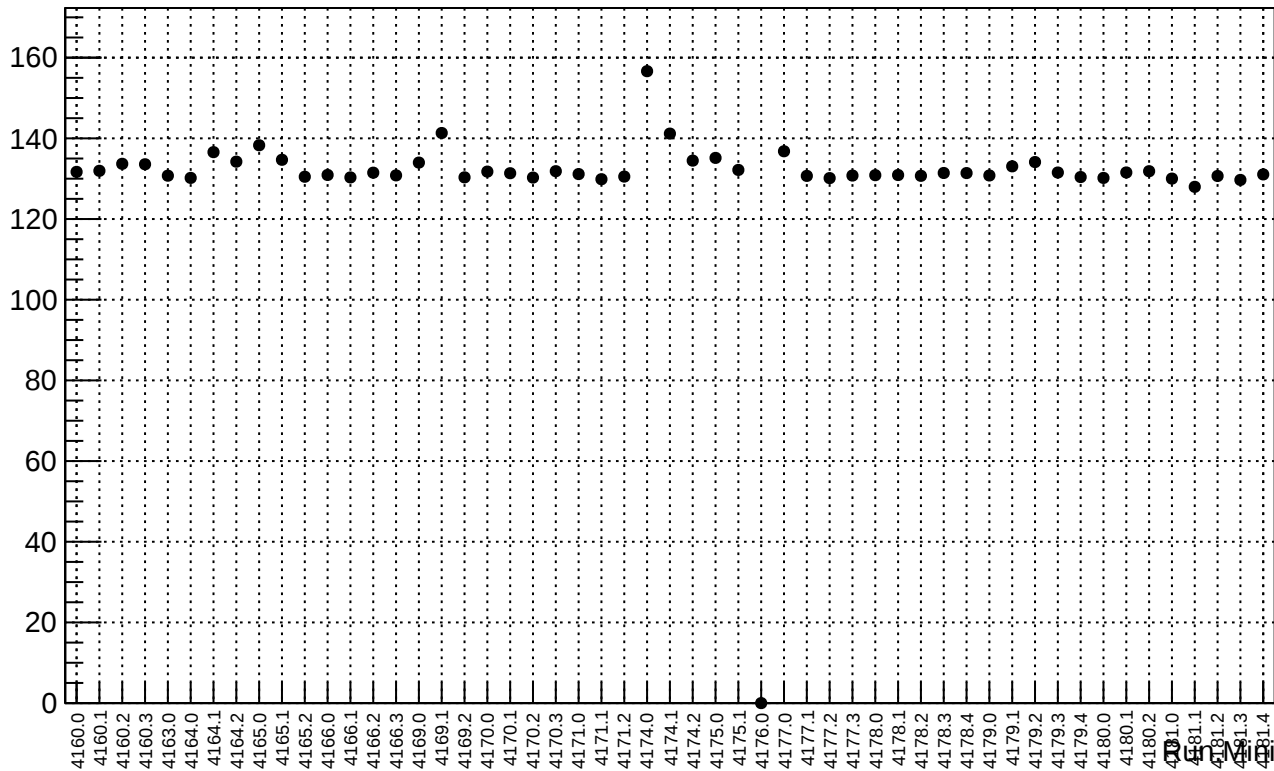
-757.8 ± 184.5



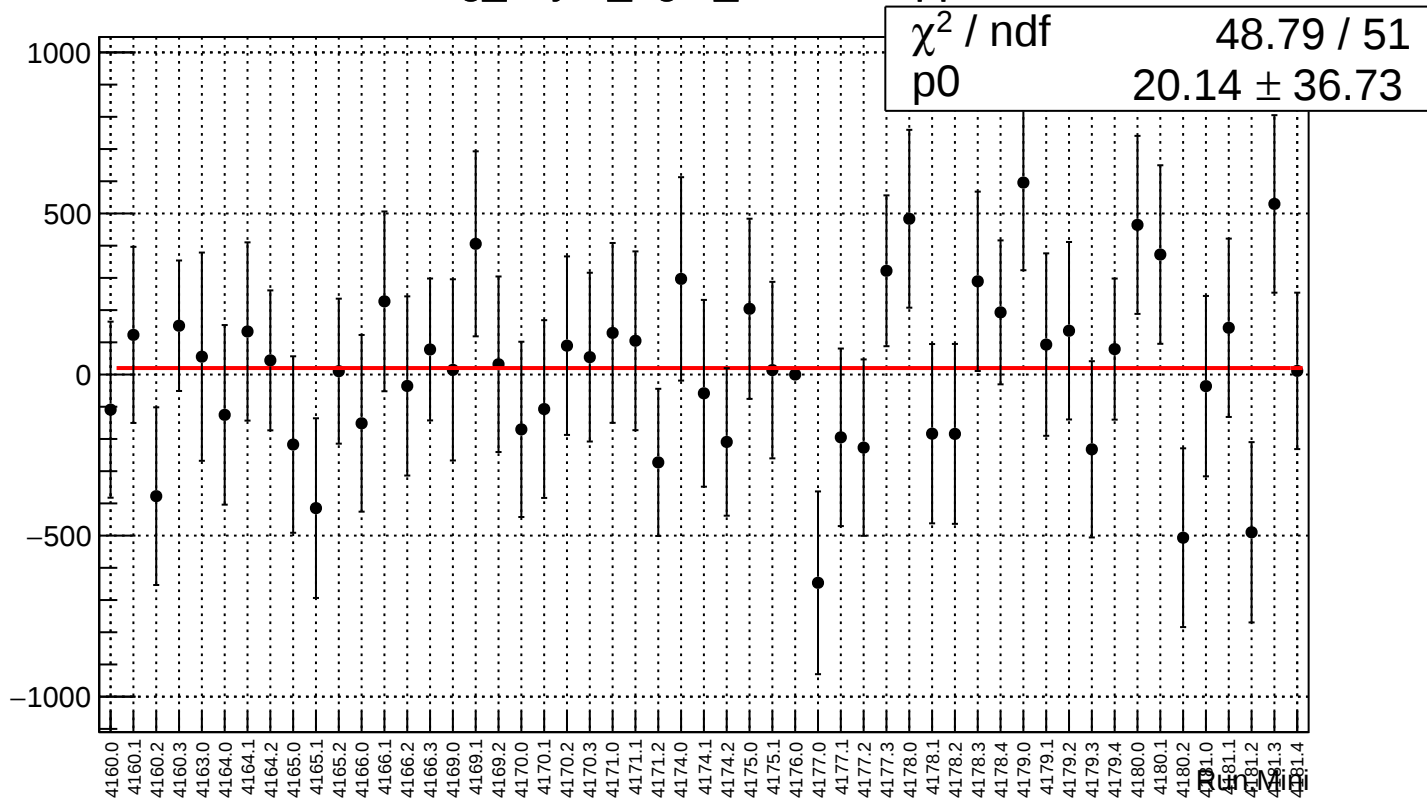
reg_asym_right_avg.rms/ppm



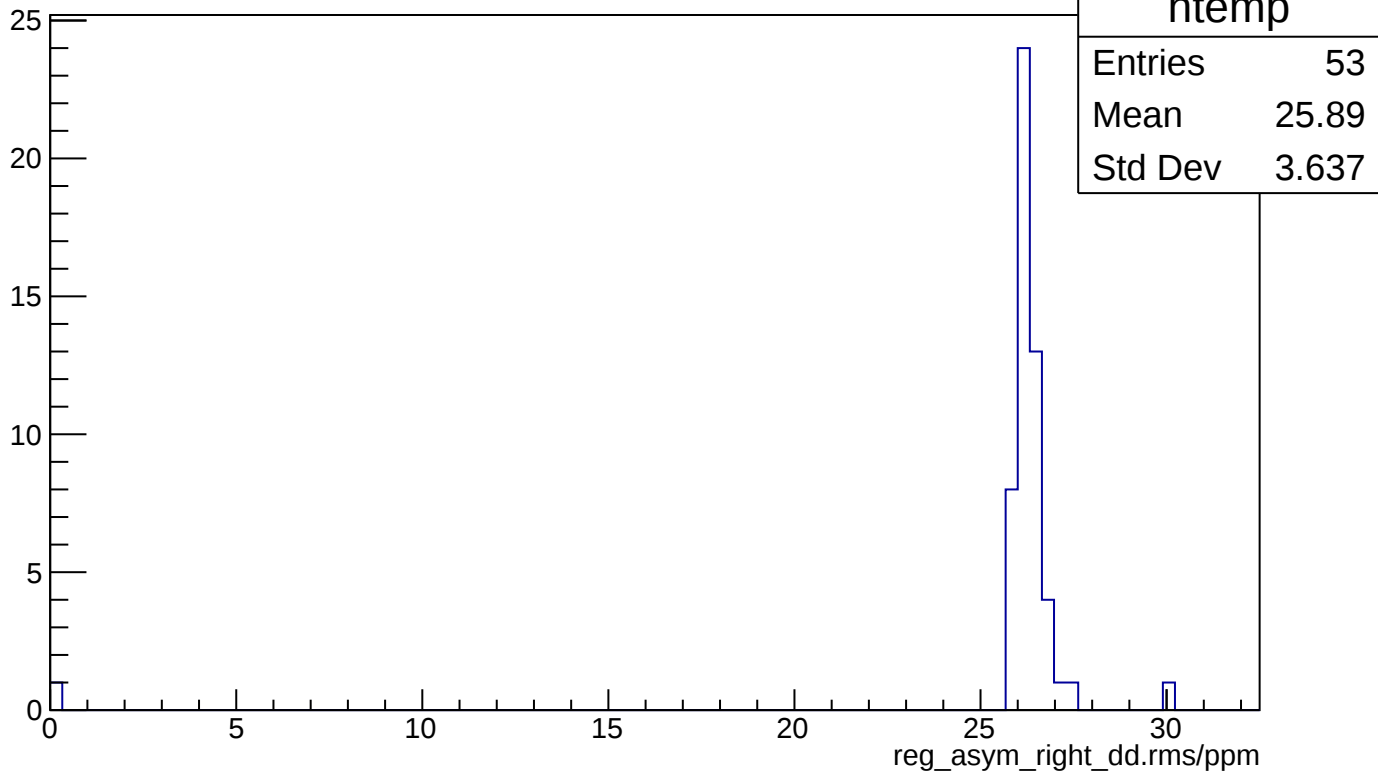
reg_asym_right_avg.rms/ppm



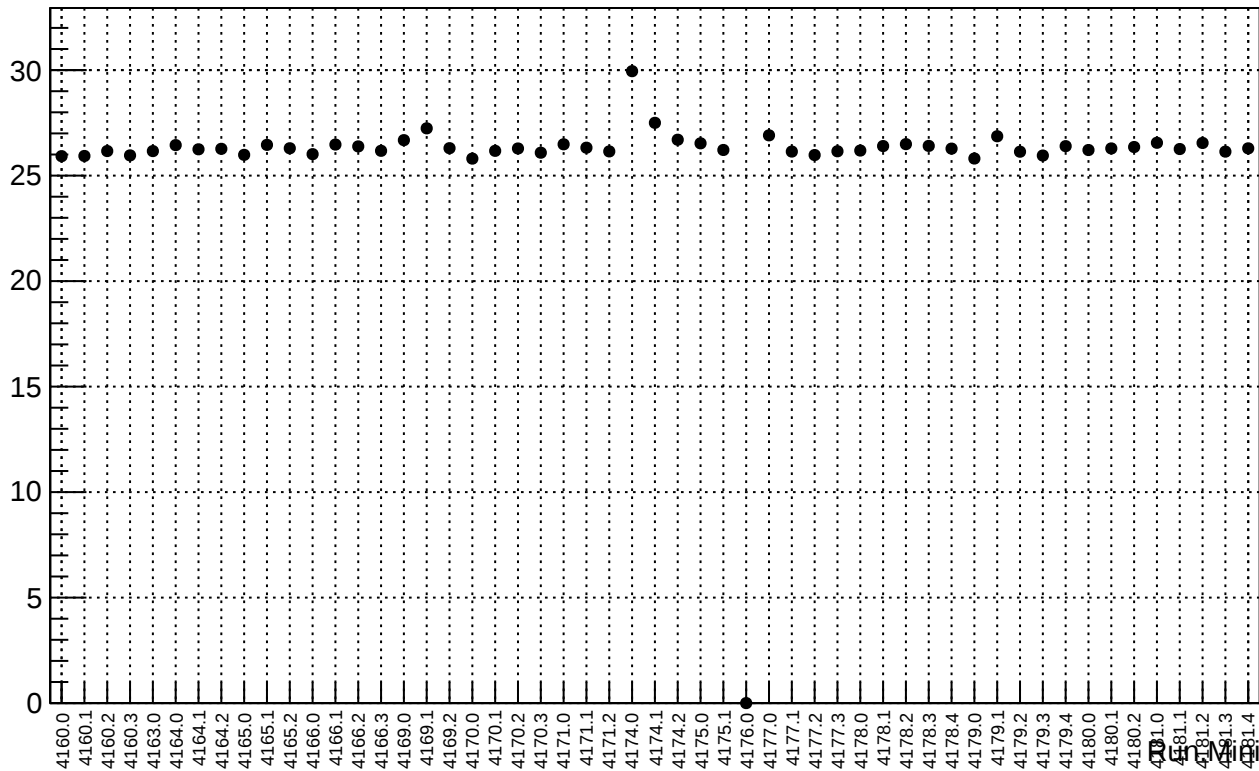
reg_asym_right_dd.mean/ppb



reg_asym_right_dd.rms/ppm



reg_asym_right_dd.rms/ppm

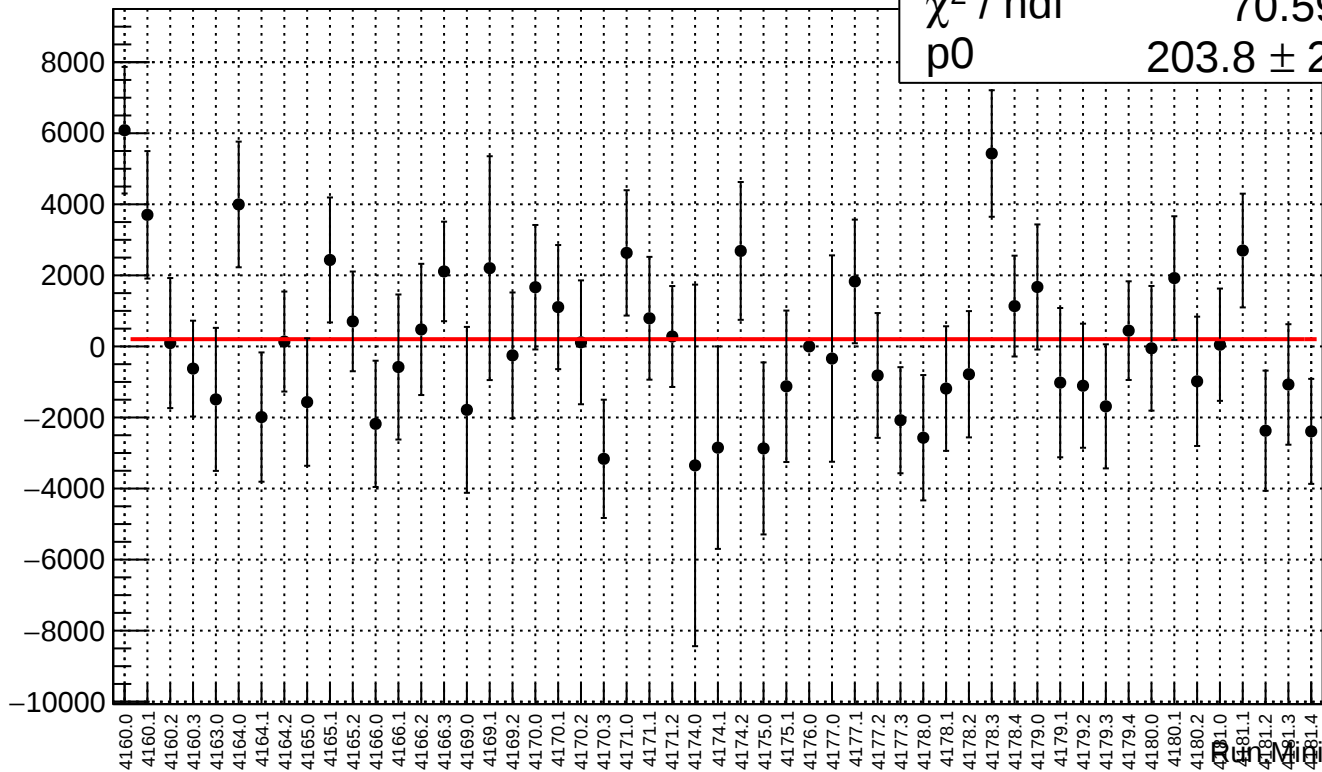


reg_asym_sam_15_avg.mean/ppb

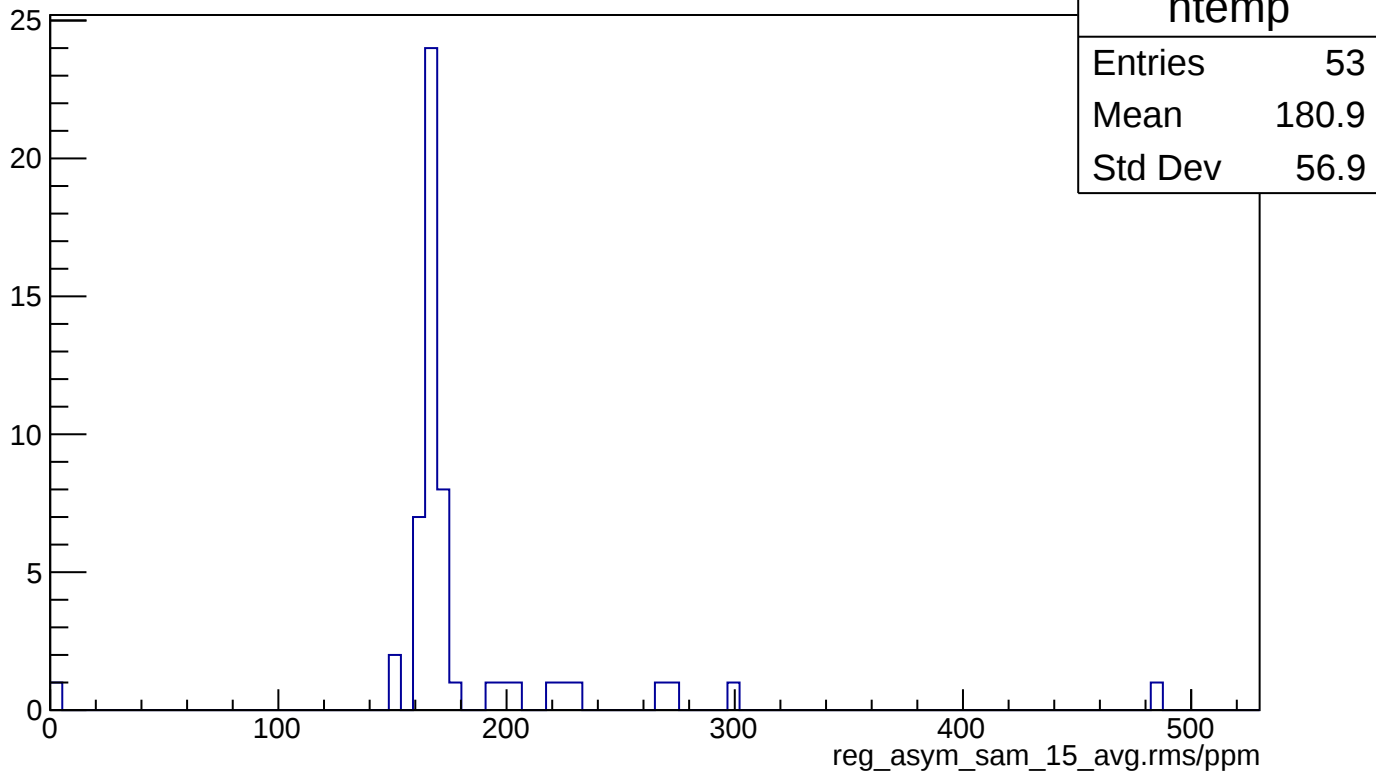
χ^2 / ndf
p0

70.59 / 51

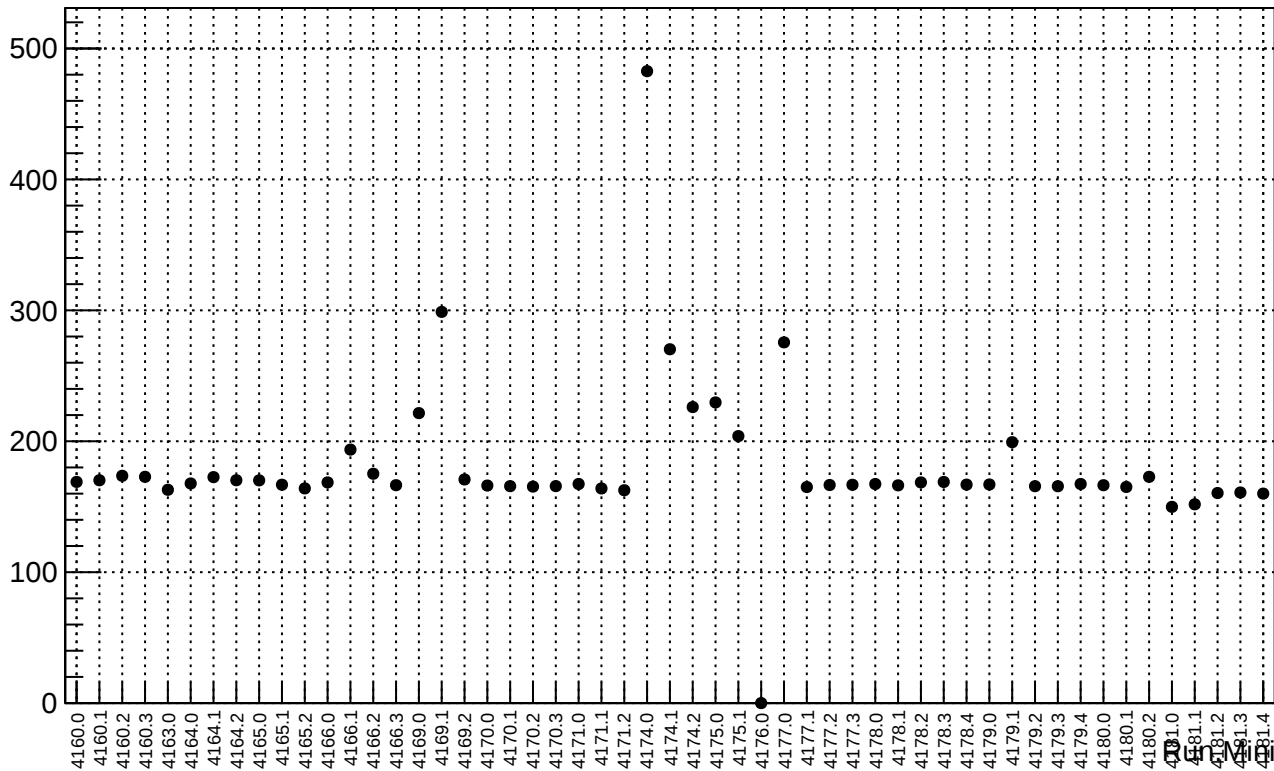
203.8 ± 243.3



reg_asym_sam_15_avg.rms/ppm



reg_asym_sam_15_avg.rms/ppm

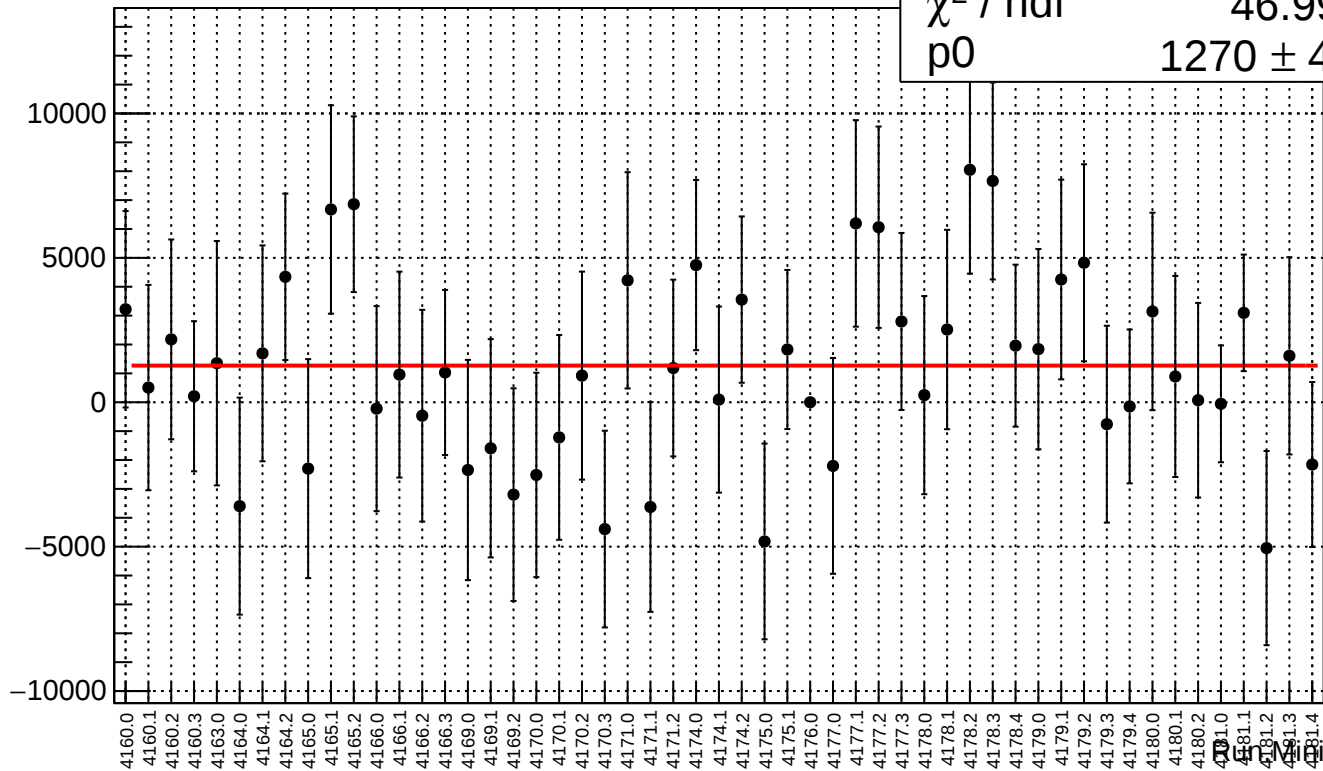


reg_asym_sam_15_dd.mean/ppb

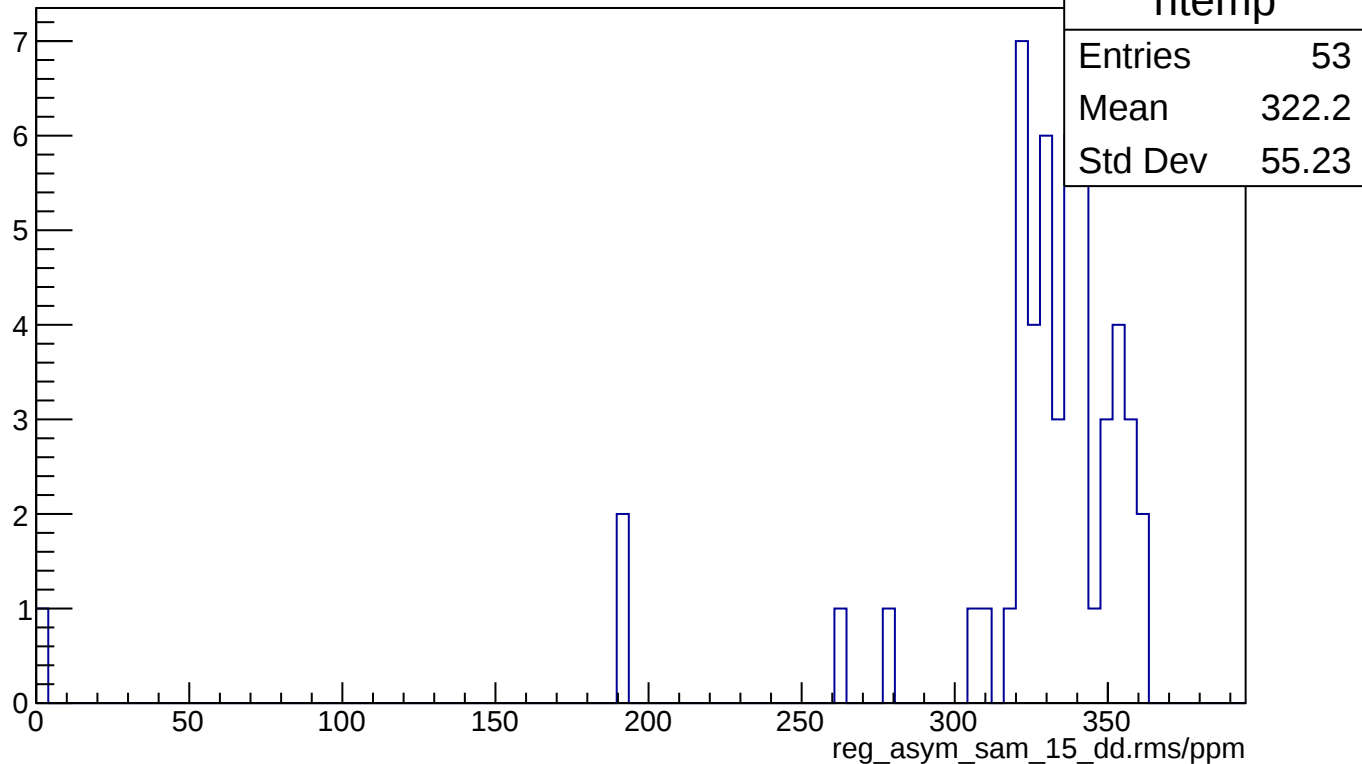
χ^2 / ndf
p0

46.99 / 51

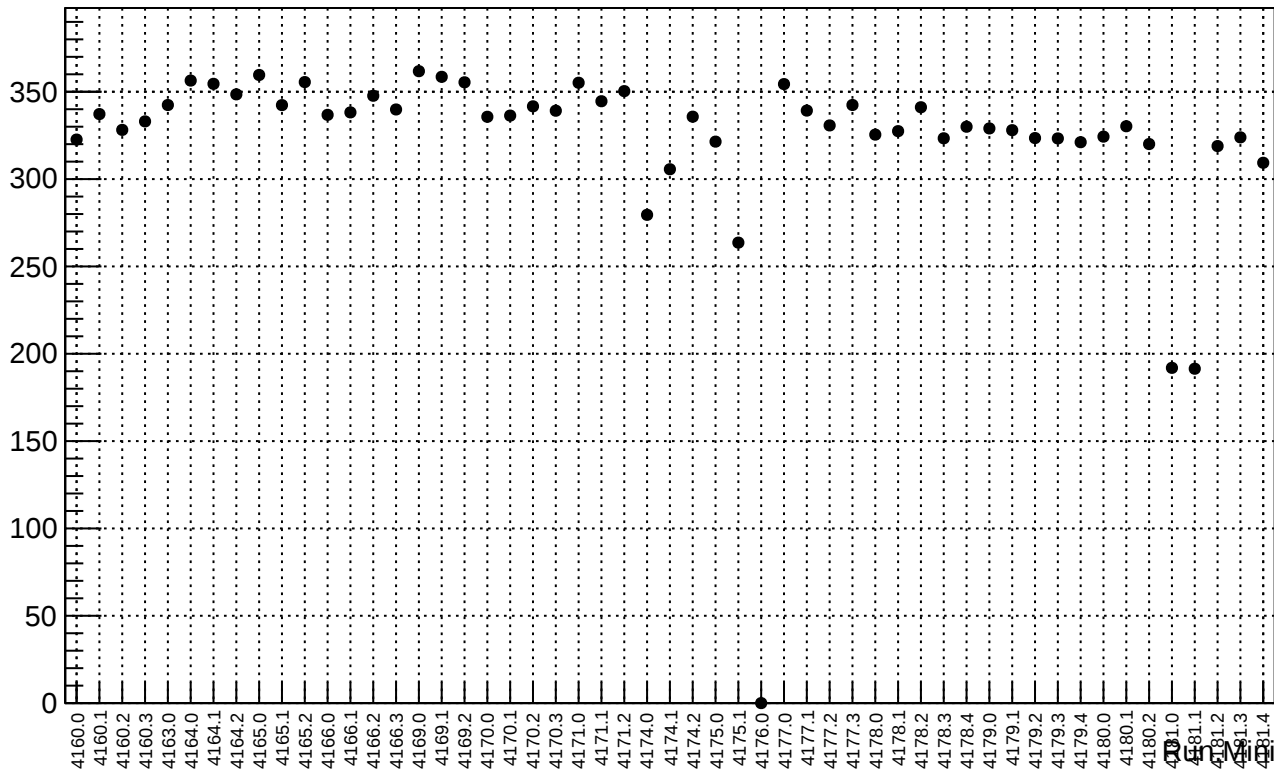
1270 ± 447.9



reg_asym_sam_15_dd.rms/ppm



reg_asym_sam_15_dd.rms/ppm

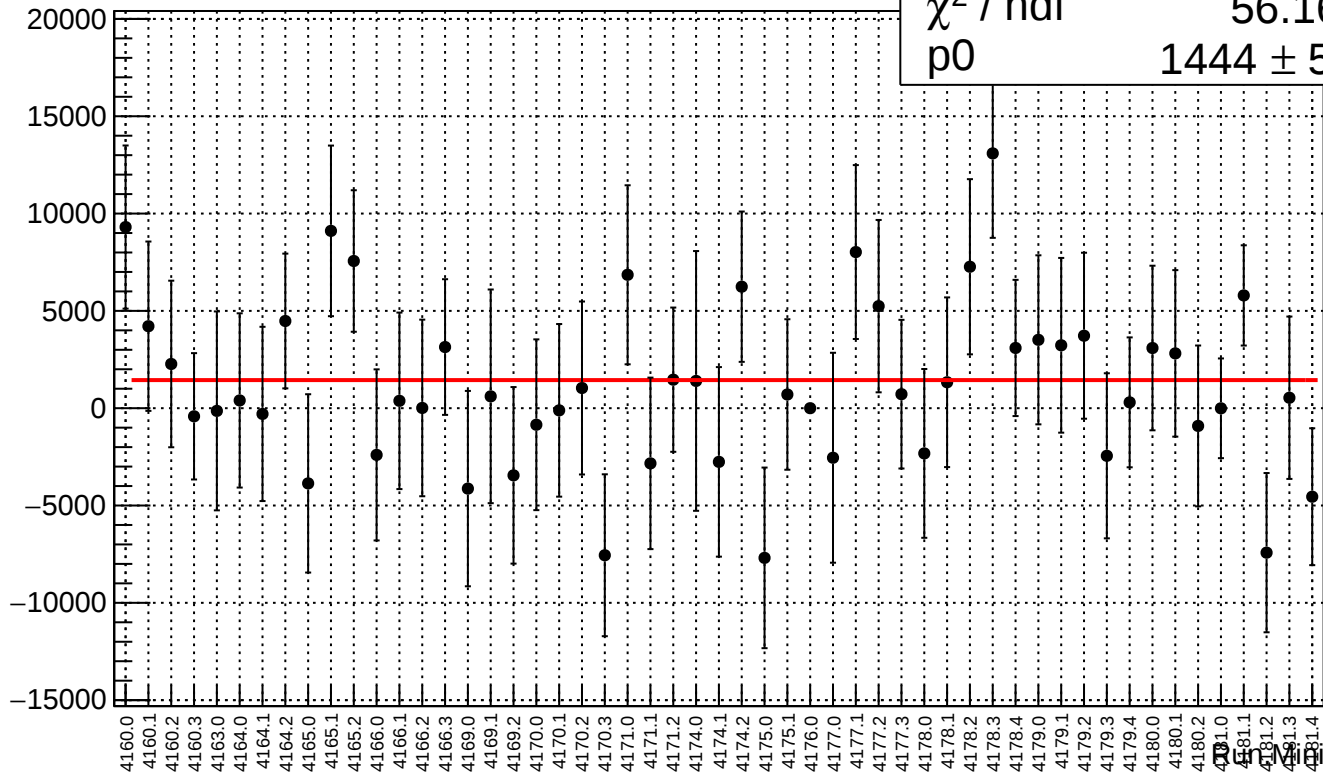


reg_asym_sam1.mean/ppb

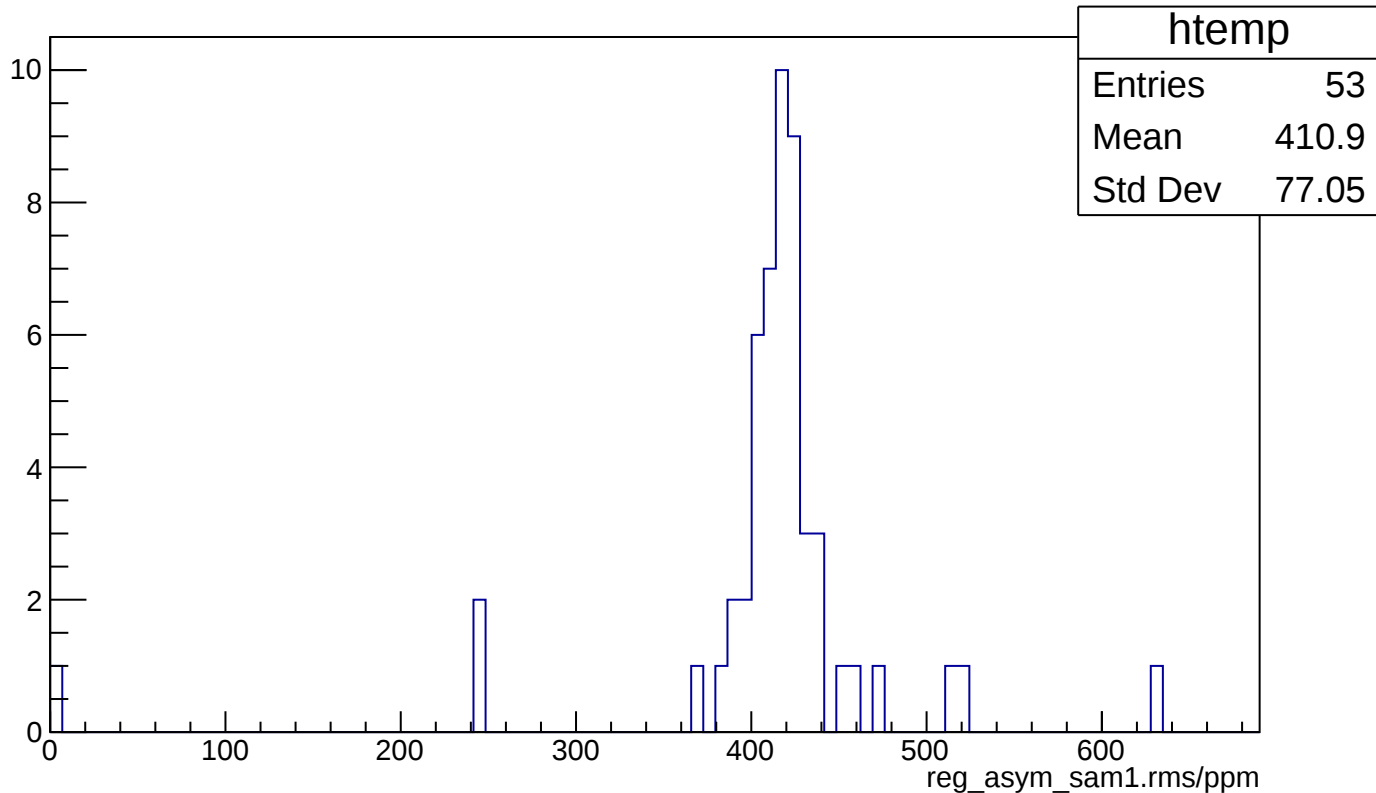
χ^2 / ndf
p0

56.16 / 51

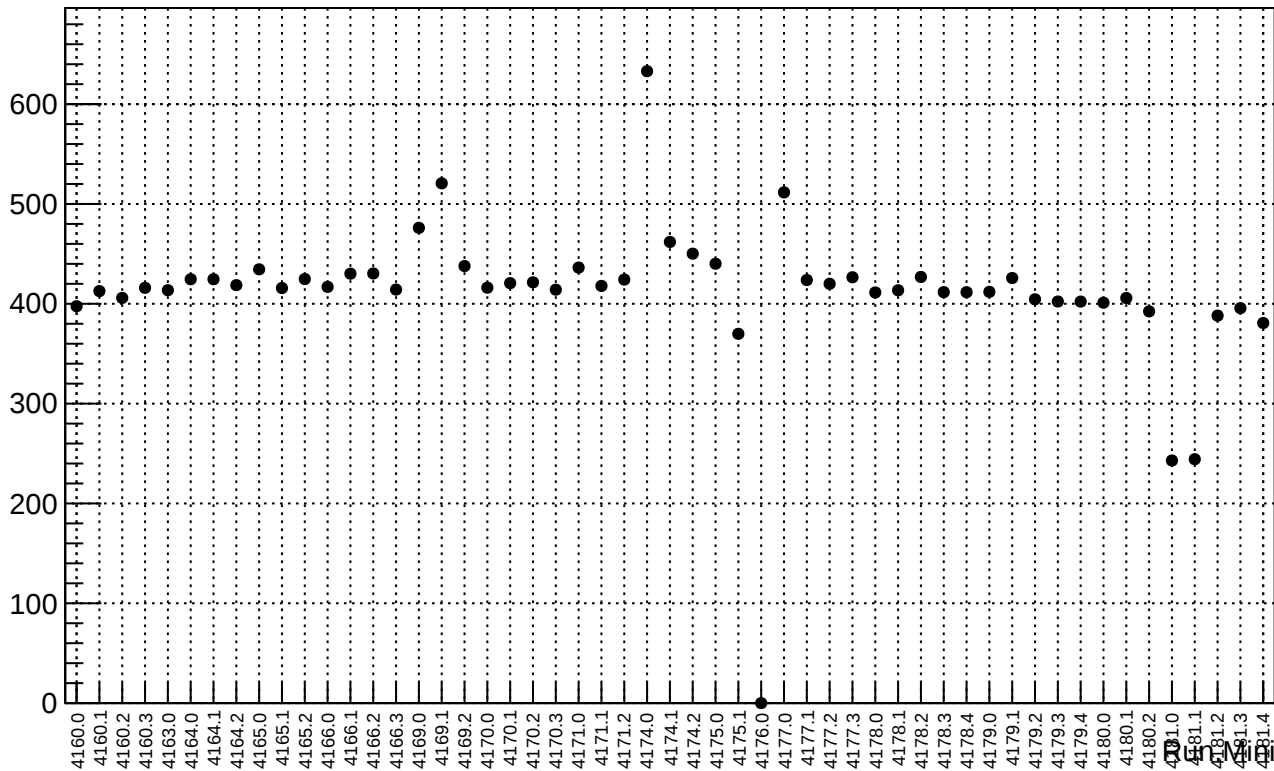
1444 ± 567.5



reg_asym_sam1.rms/ppm



reg_asym_sam1.rms/ppm

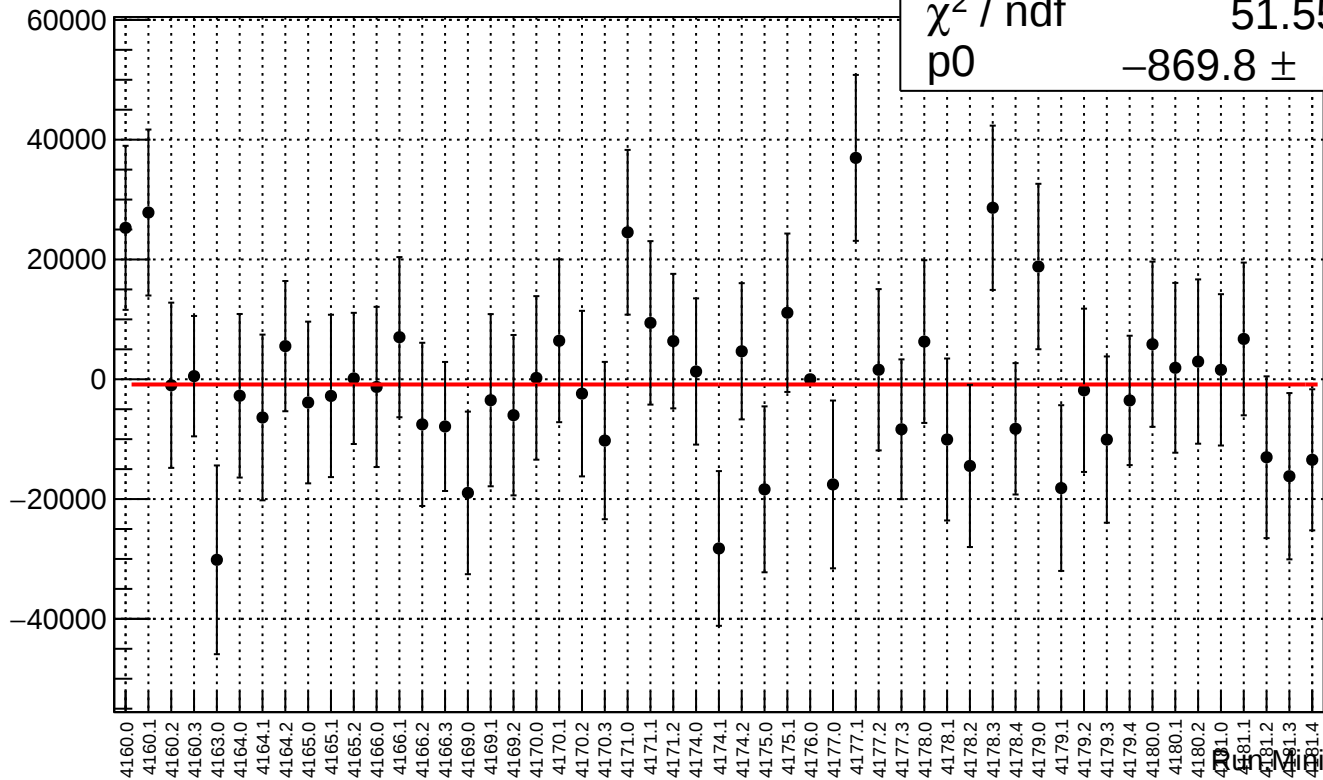


reg_asym_sam_26_avg.mean/ppb

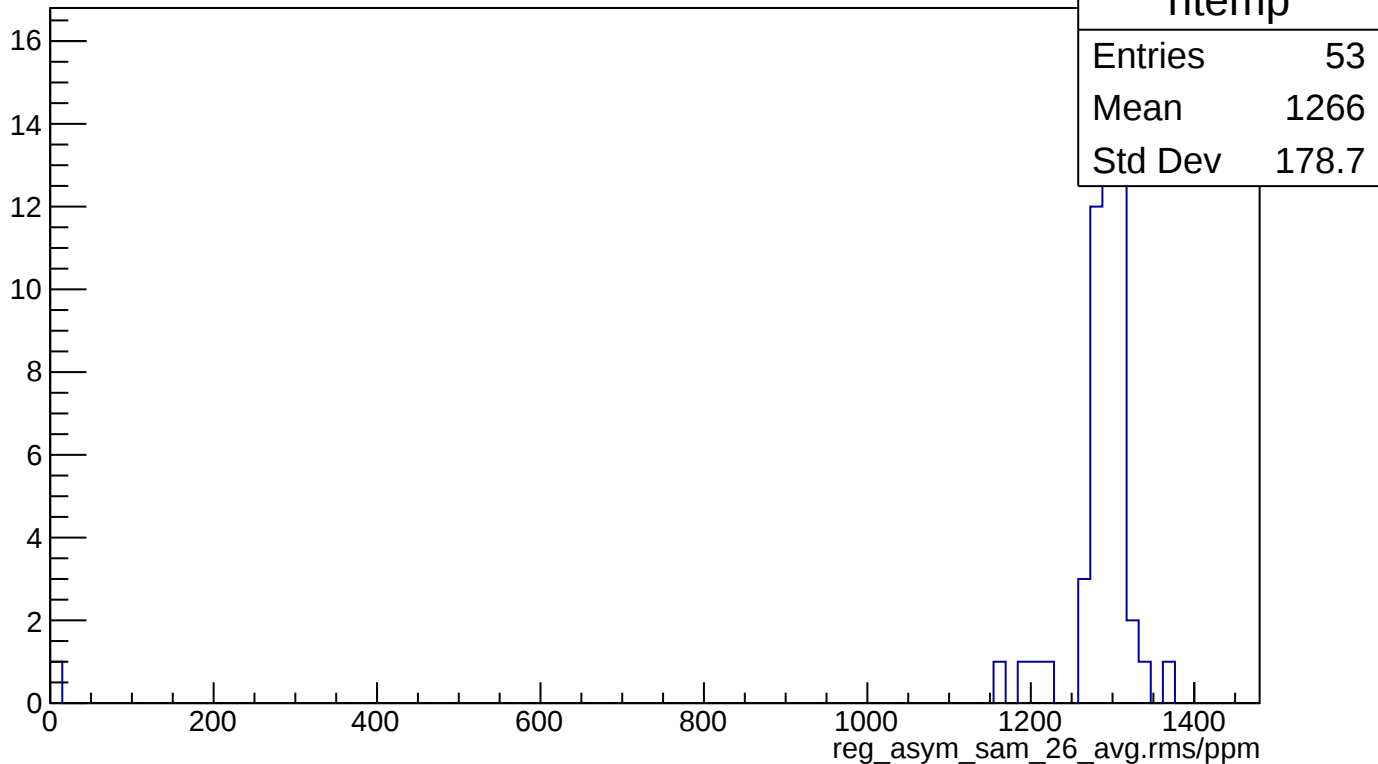
χ^2 / ndf
p0

51.55 / 51

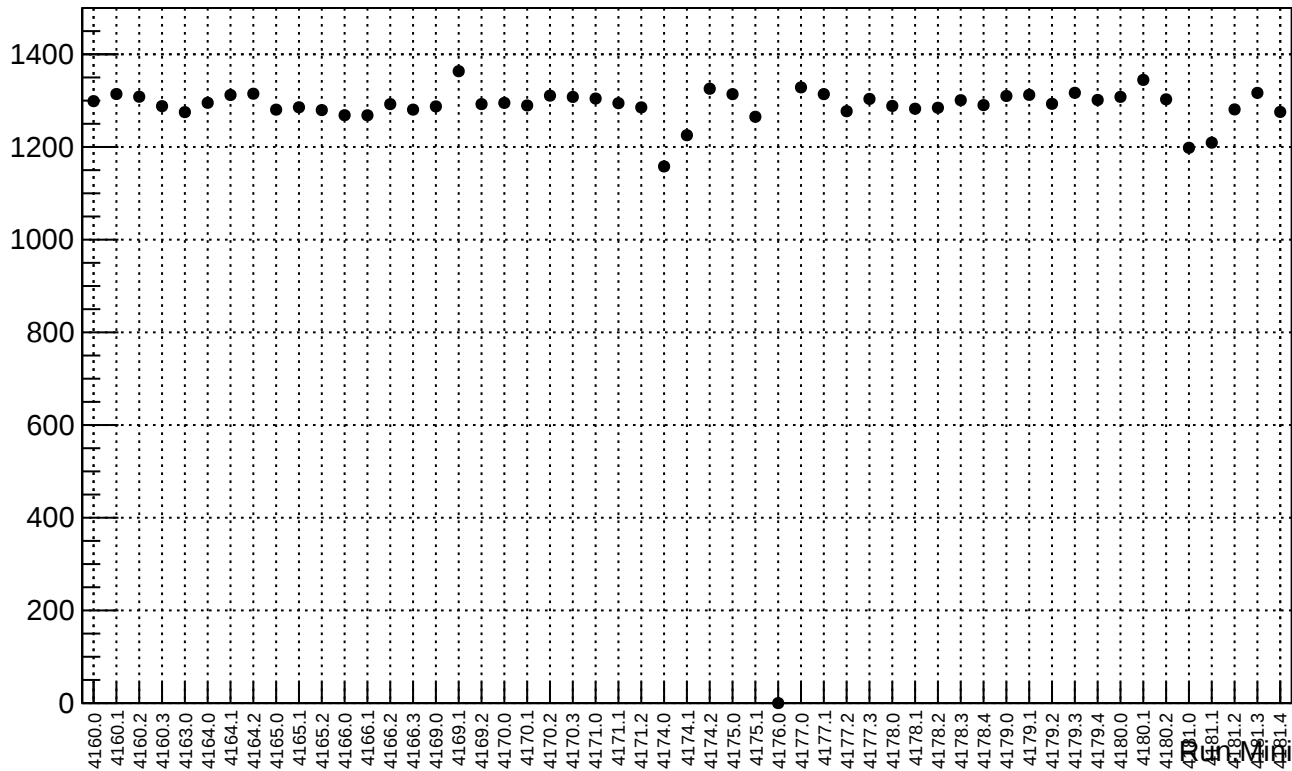
-869.8 ± 1798



reg_asym_sam_26_avg.rms/ppm



reg_asym_sam_26_avg.rms/ppm

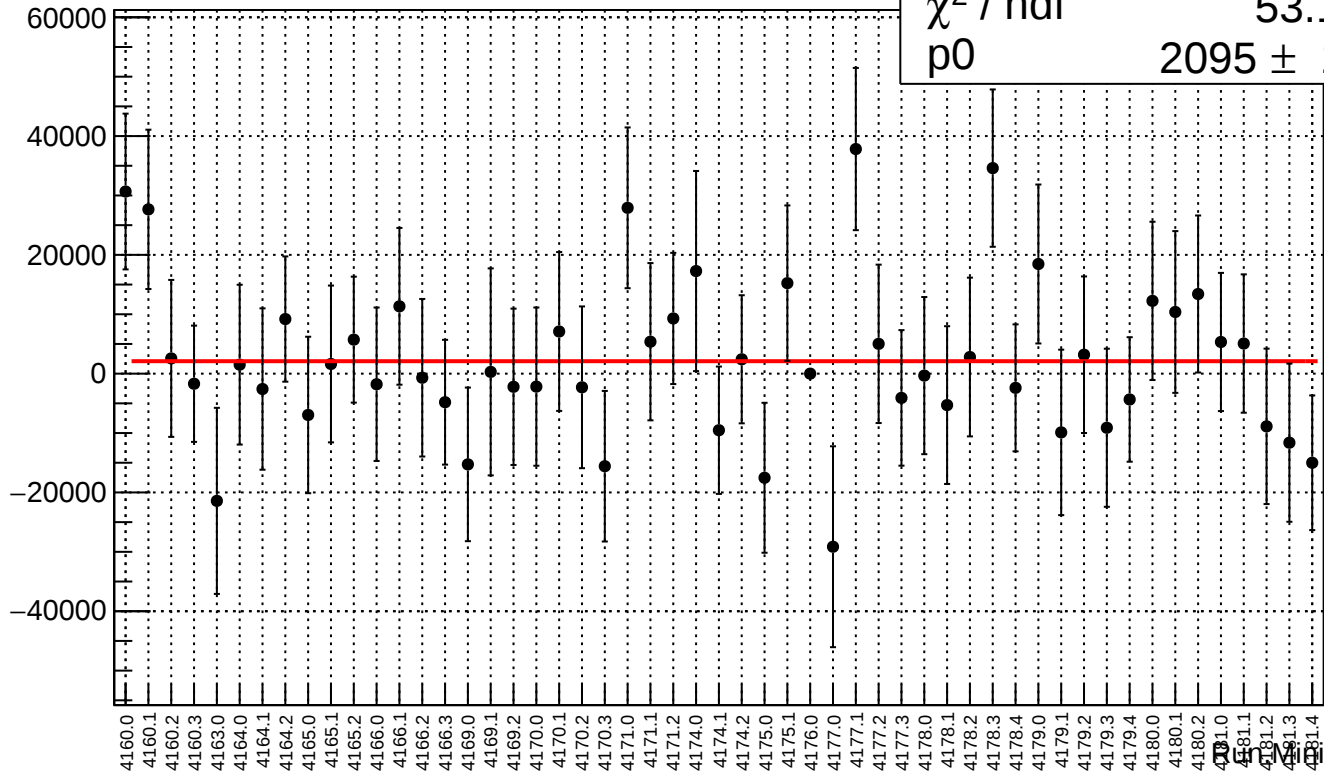


reg_asym_sam_26_dd.mean/ppb

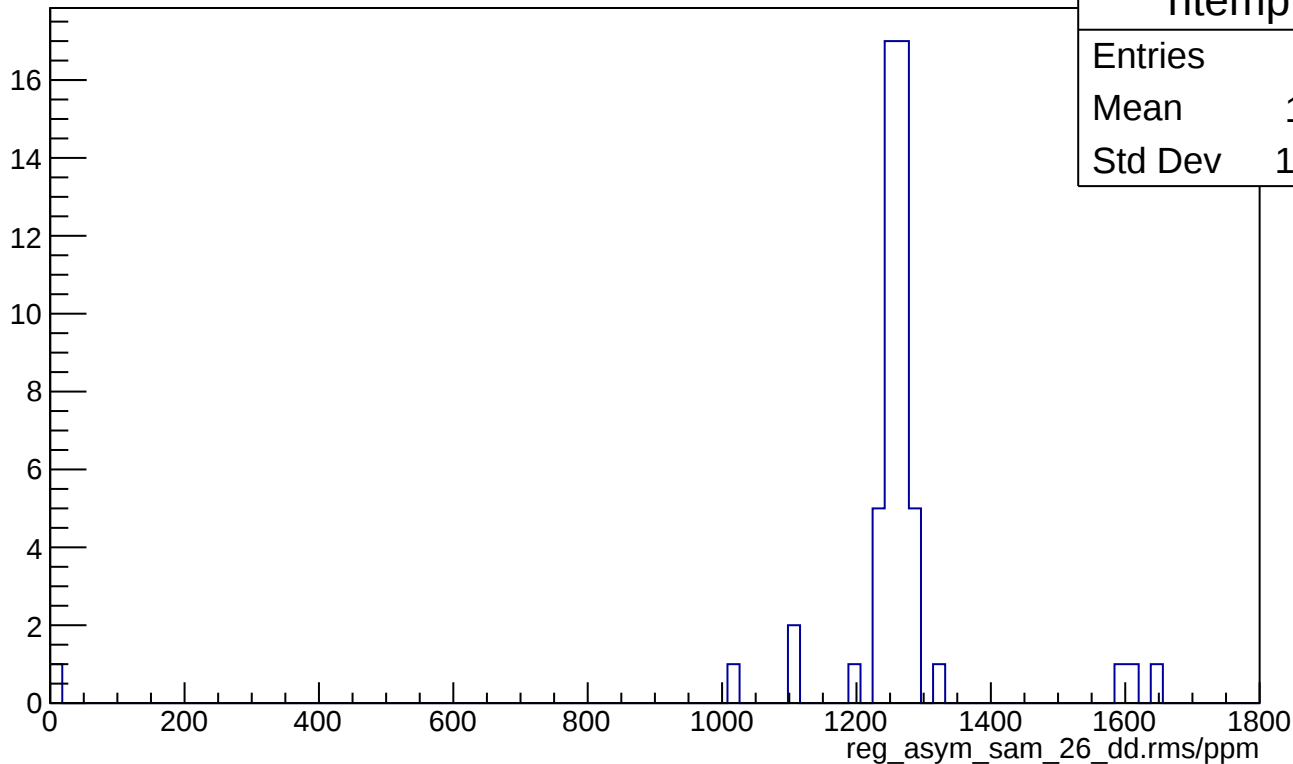
χ^2 / ndf
p0

53.1 / 51

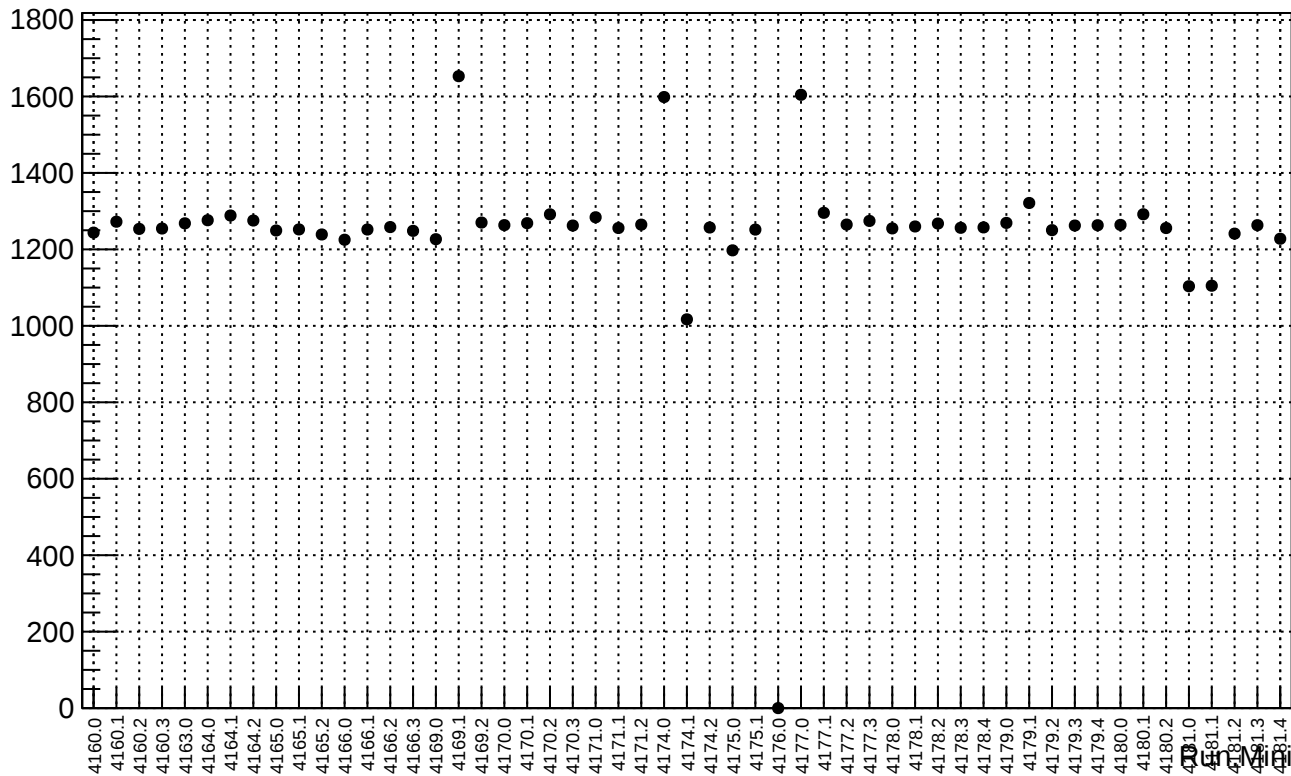
2095 ± 1756



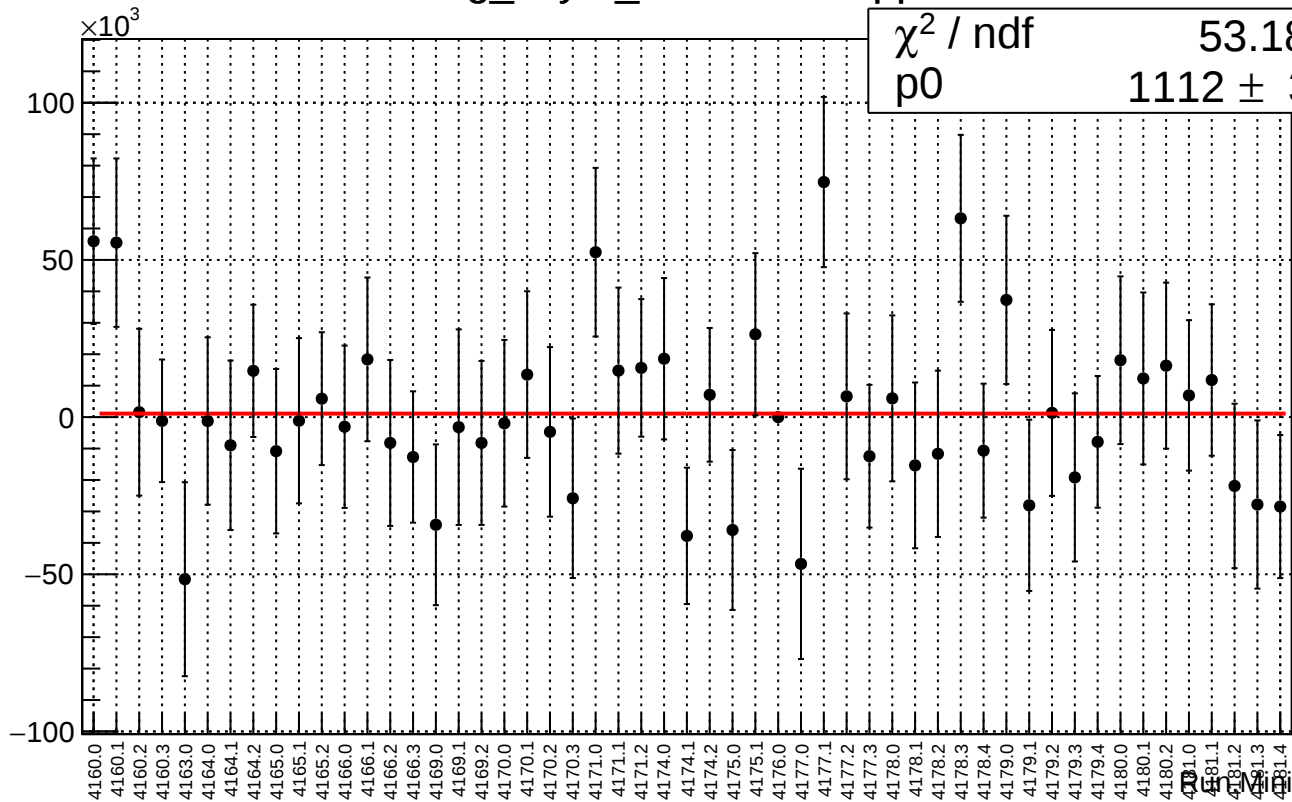
reg_asym_sam_26_dd.rms/ppm



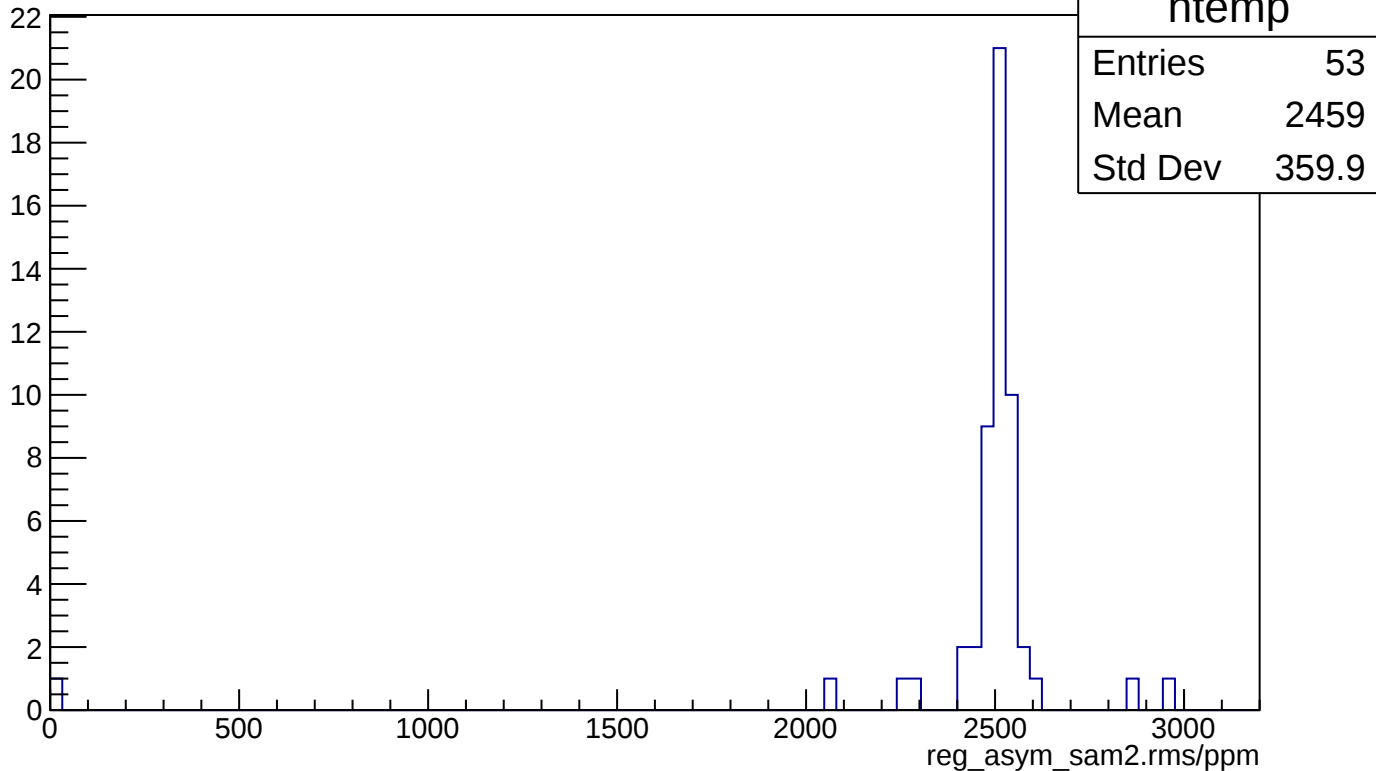
reg_asym_sam_26_dd.rms/ppm



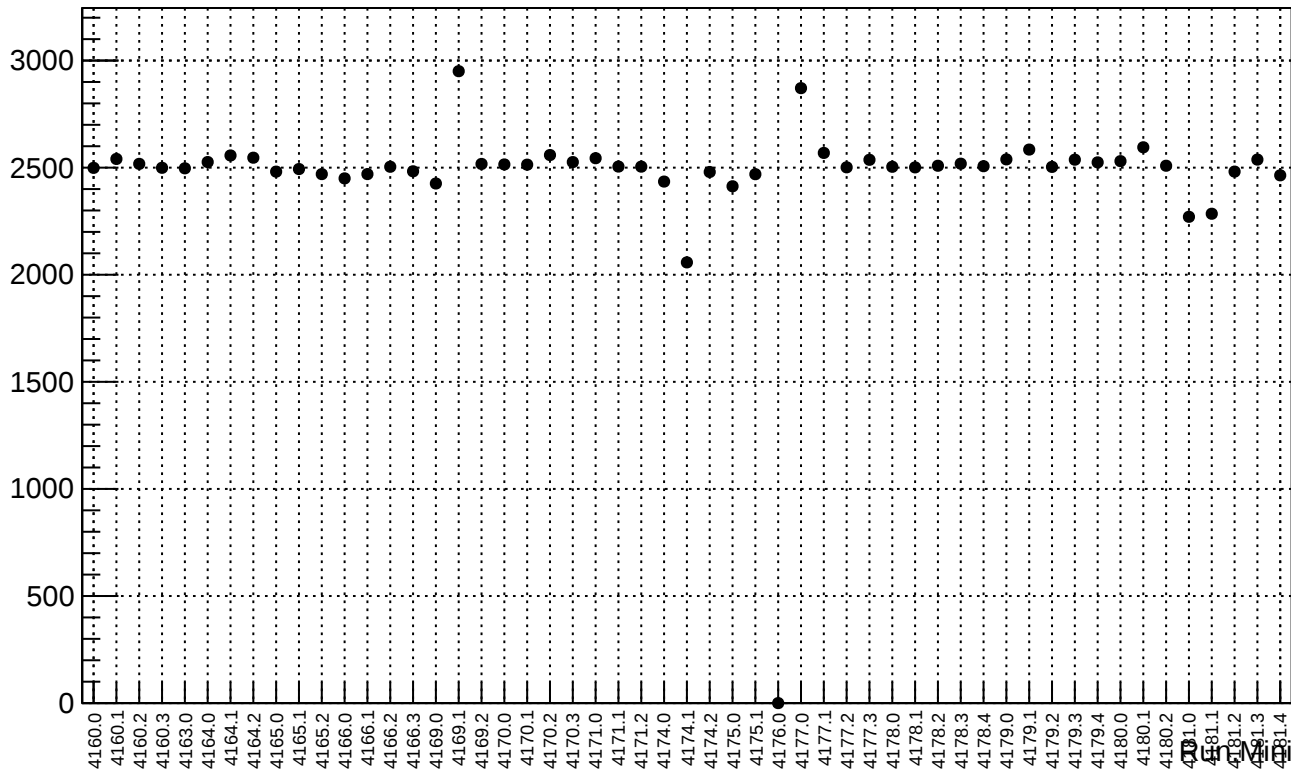
χ^2 / ndf	53.18 / 51
p0	1112 ± 3482



reg_asym_sam2.rms/ppm



reg_asym_sam2.rms/ppm

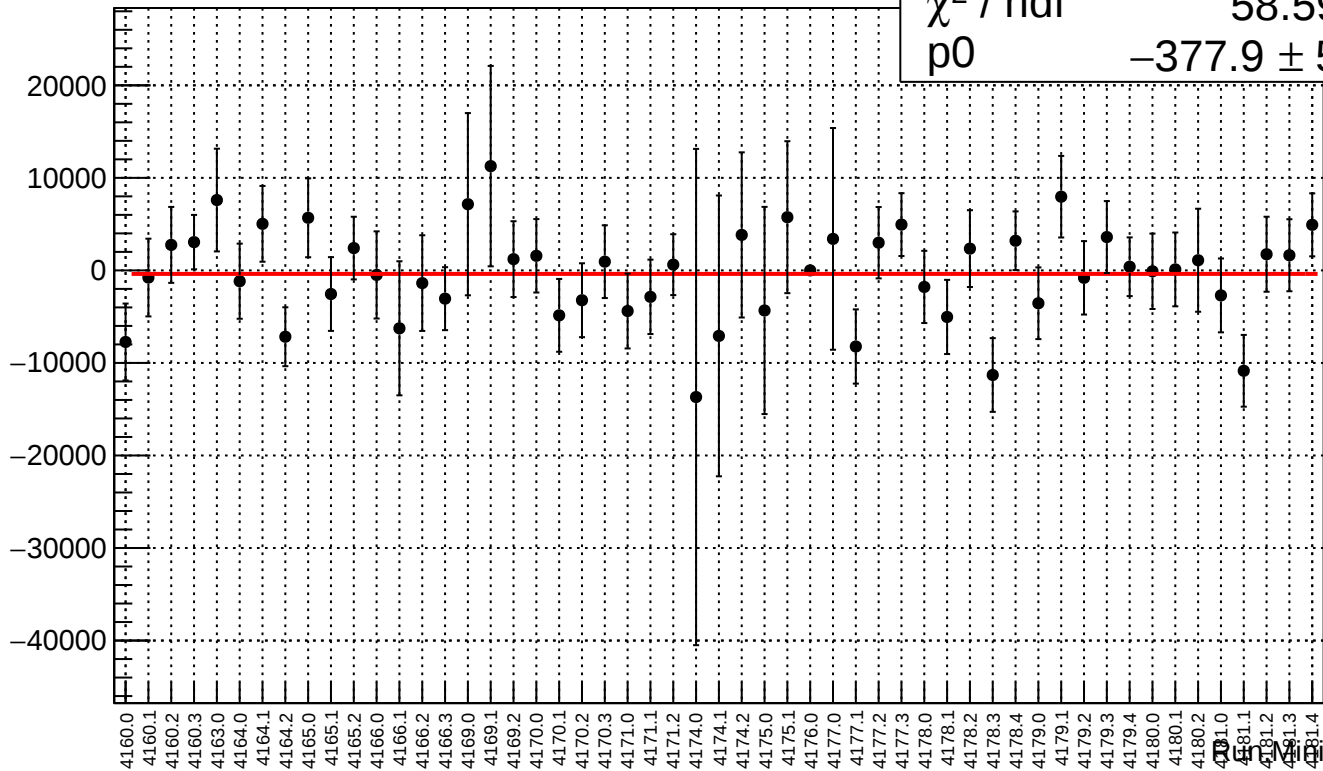


reg_asym_sam_37_avg.mean/ppb

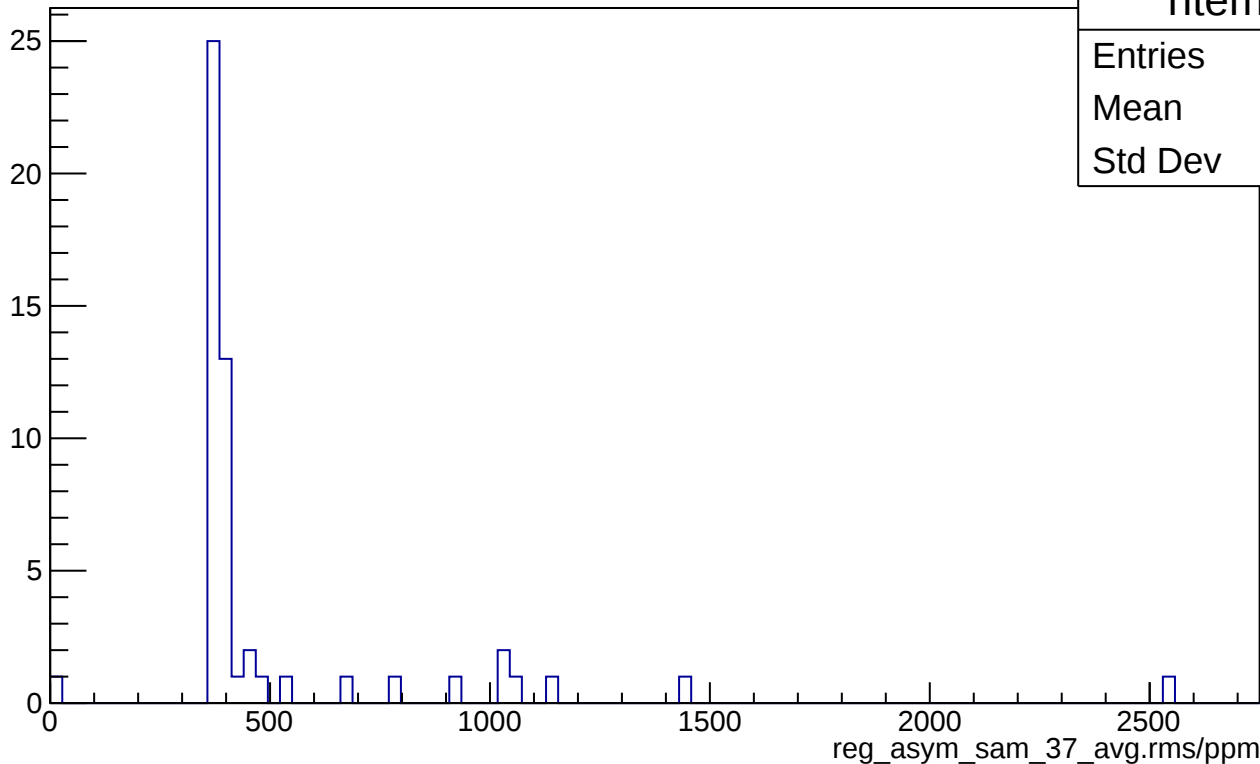
χ^2 / ndf
p0

58.59 / 51

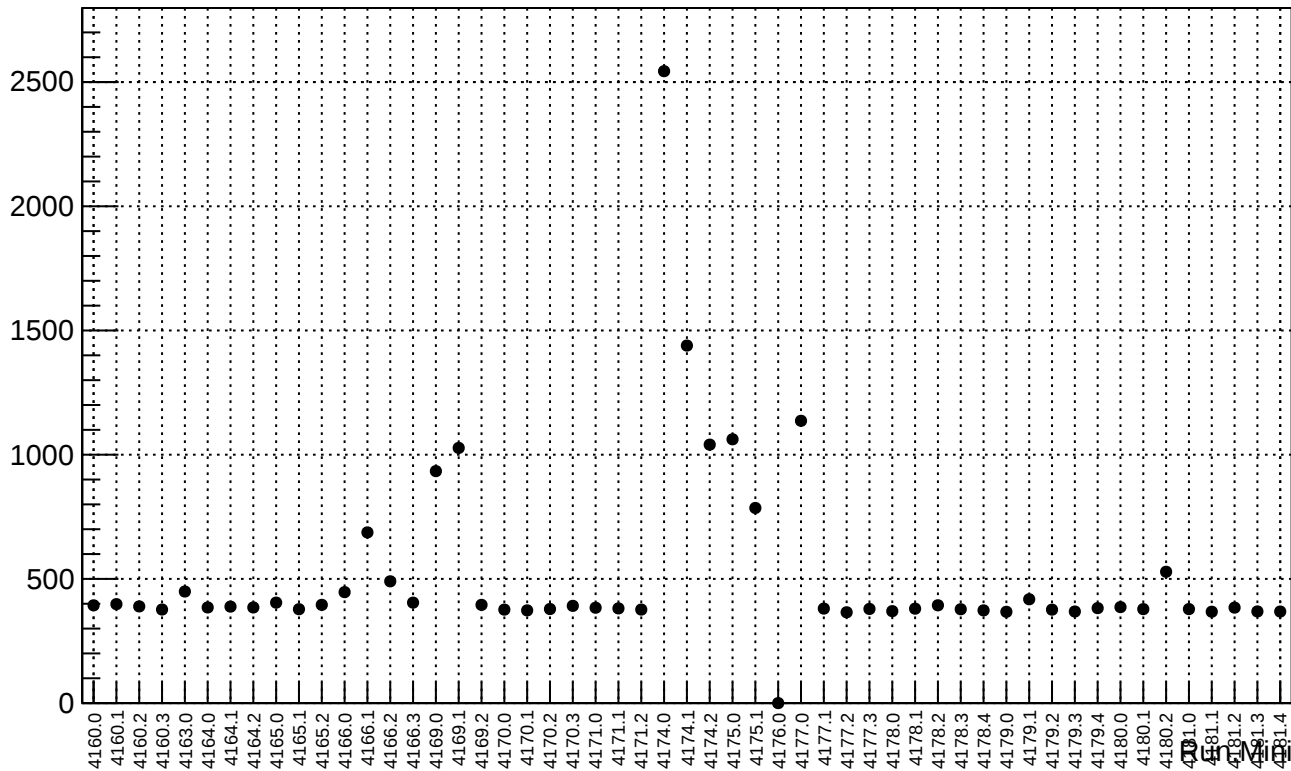
-377.9 ± 583.1



reg_asym_sam_37_avg.rms/ppm



reg_asym_sam_37_avg.rms/ppm

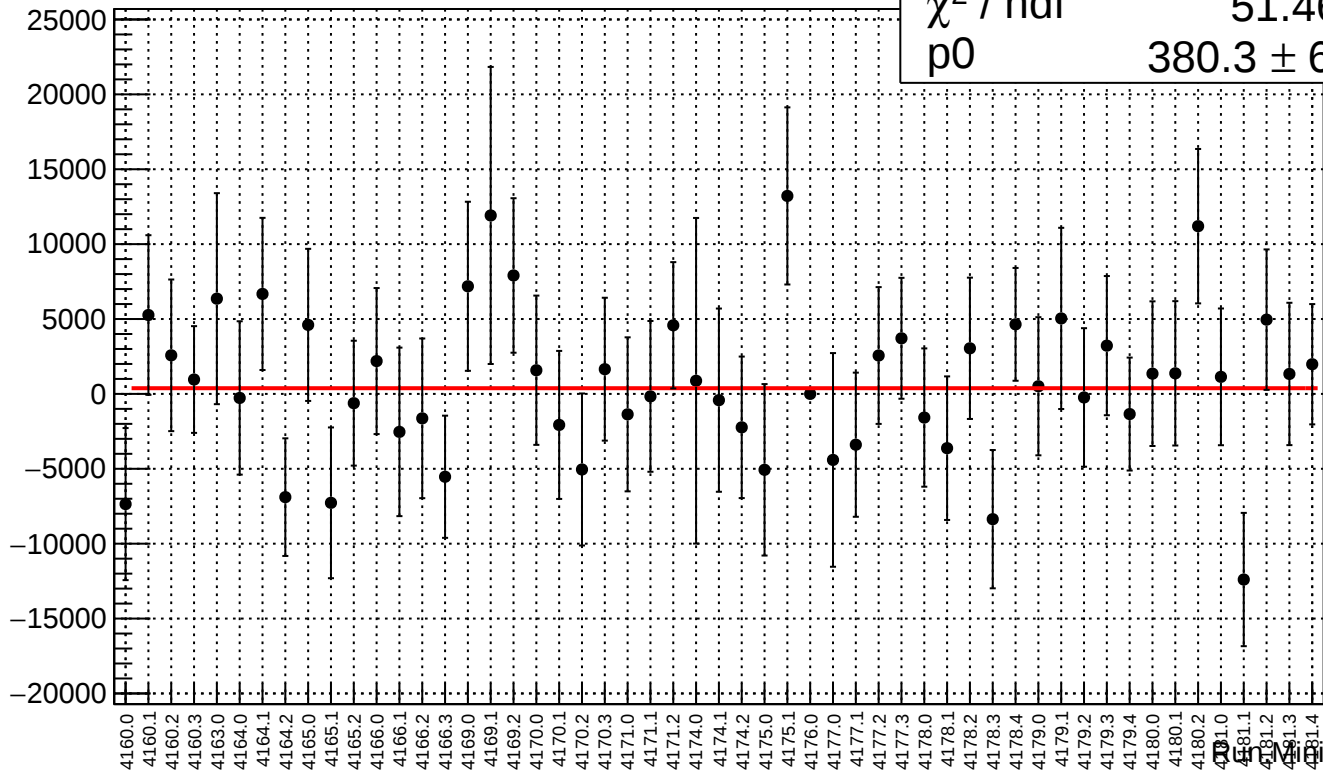


reg_asym_sam_37_dd.mean/ppb

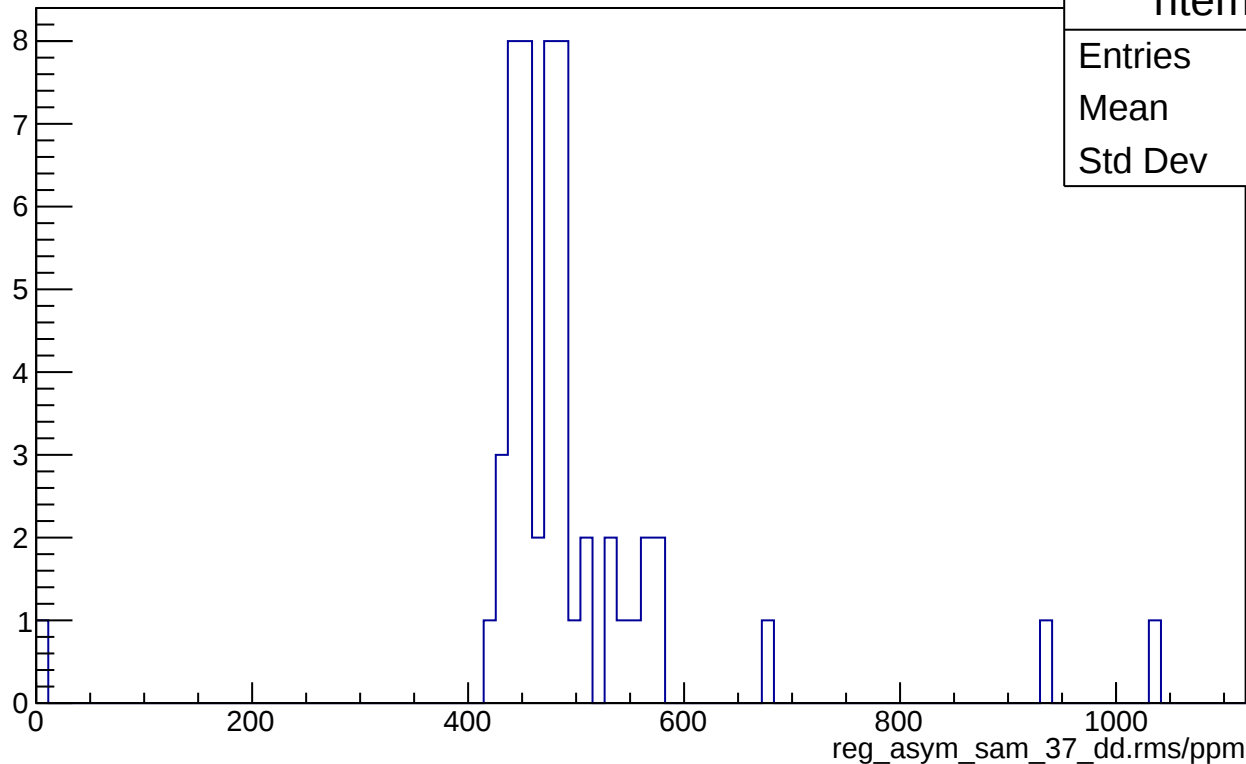
χ^2 / ndf
p0

51.46 / 51

380.3 ± 672.5



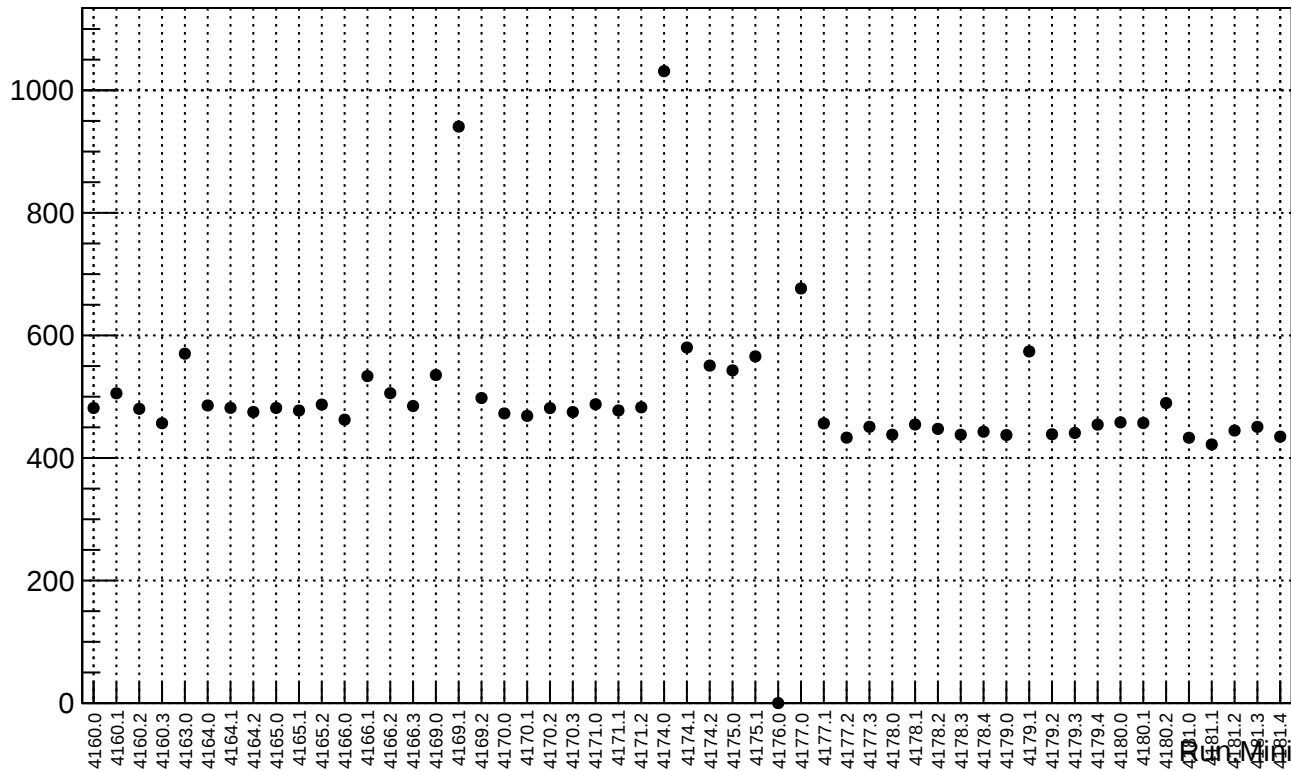
reg_asym_sam_37_dd.rms/ppm



htemp

Entries	53
Mean	493.1
Std Dev	127

reg_asym_sam_37_dd.rms/ppm



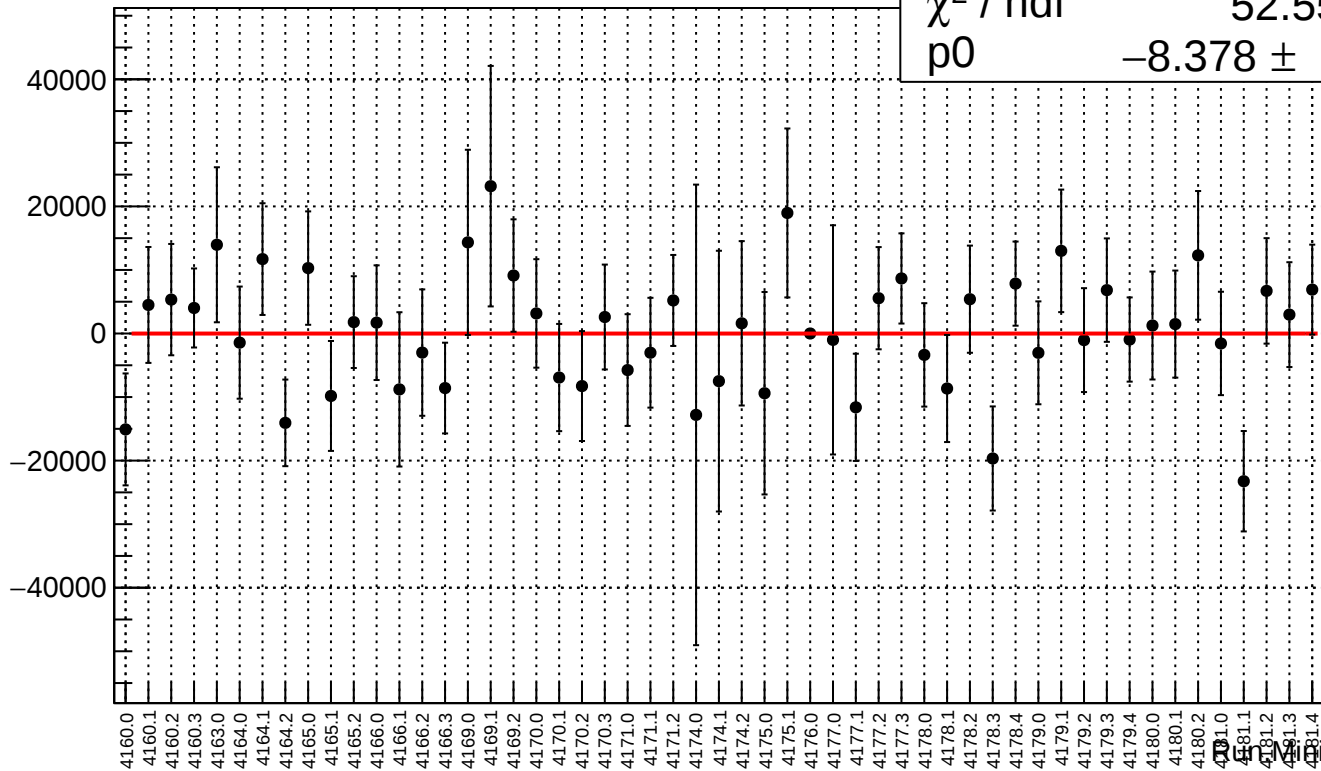
reg_asym_sam3.mean/ppb

χ^2 / ndf

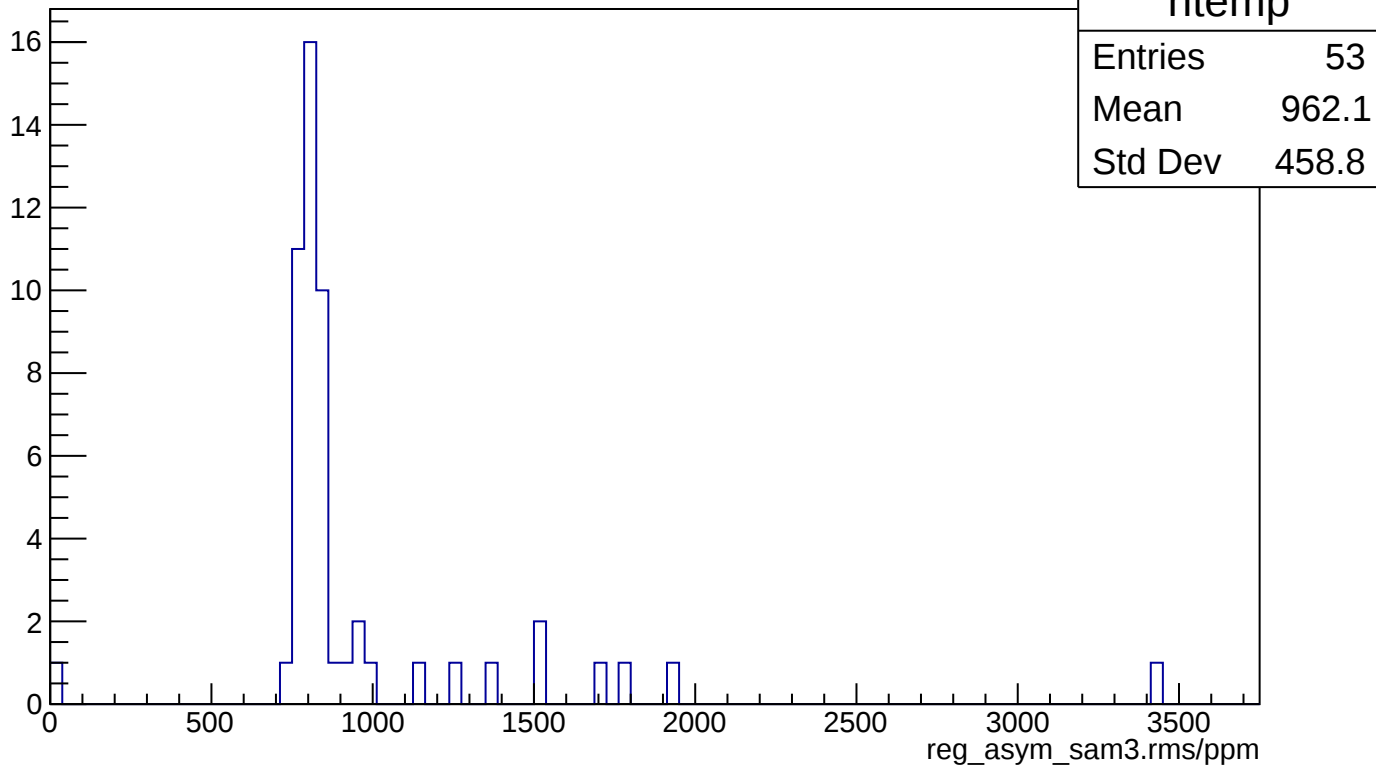
52.55 / 51

p0

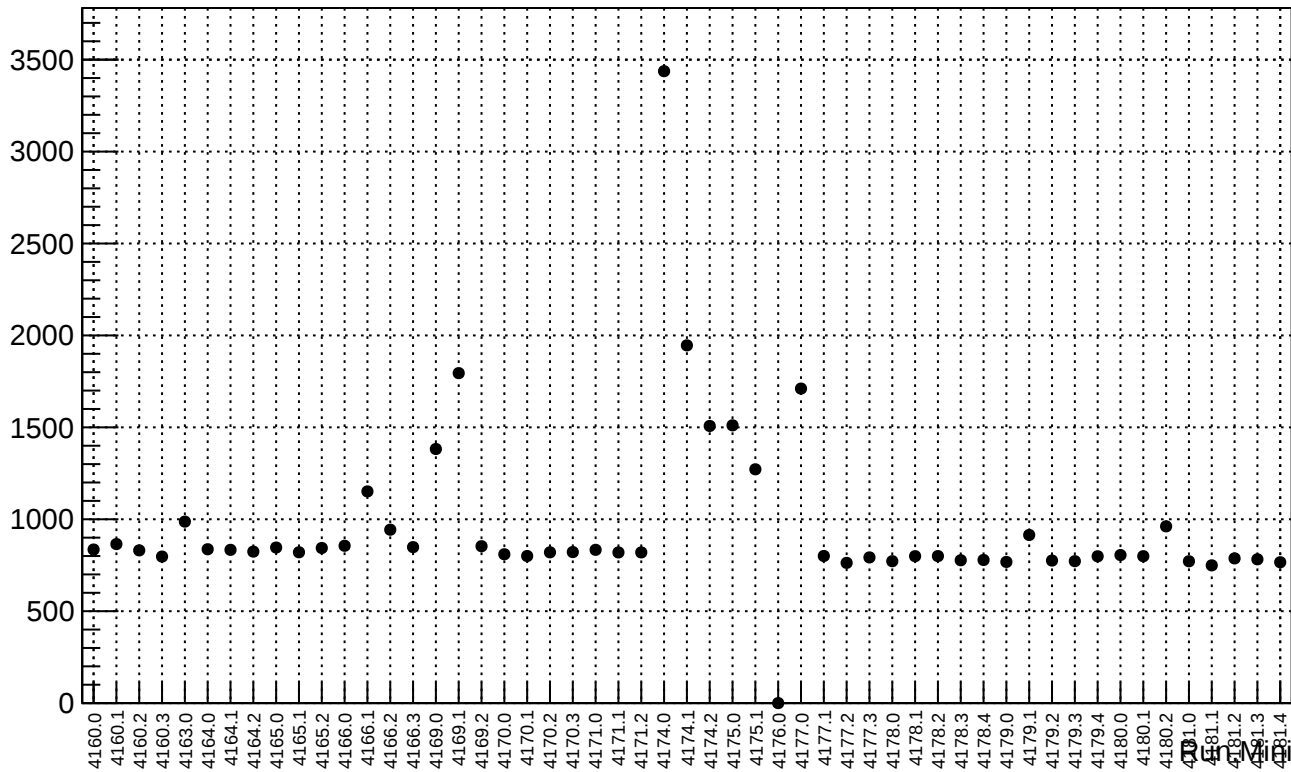
-8.378 ± 1210



reg_asym_sam3.rms/ppm



reg_asym_sam3.rms/ppm

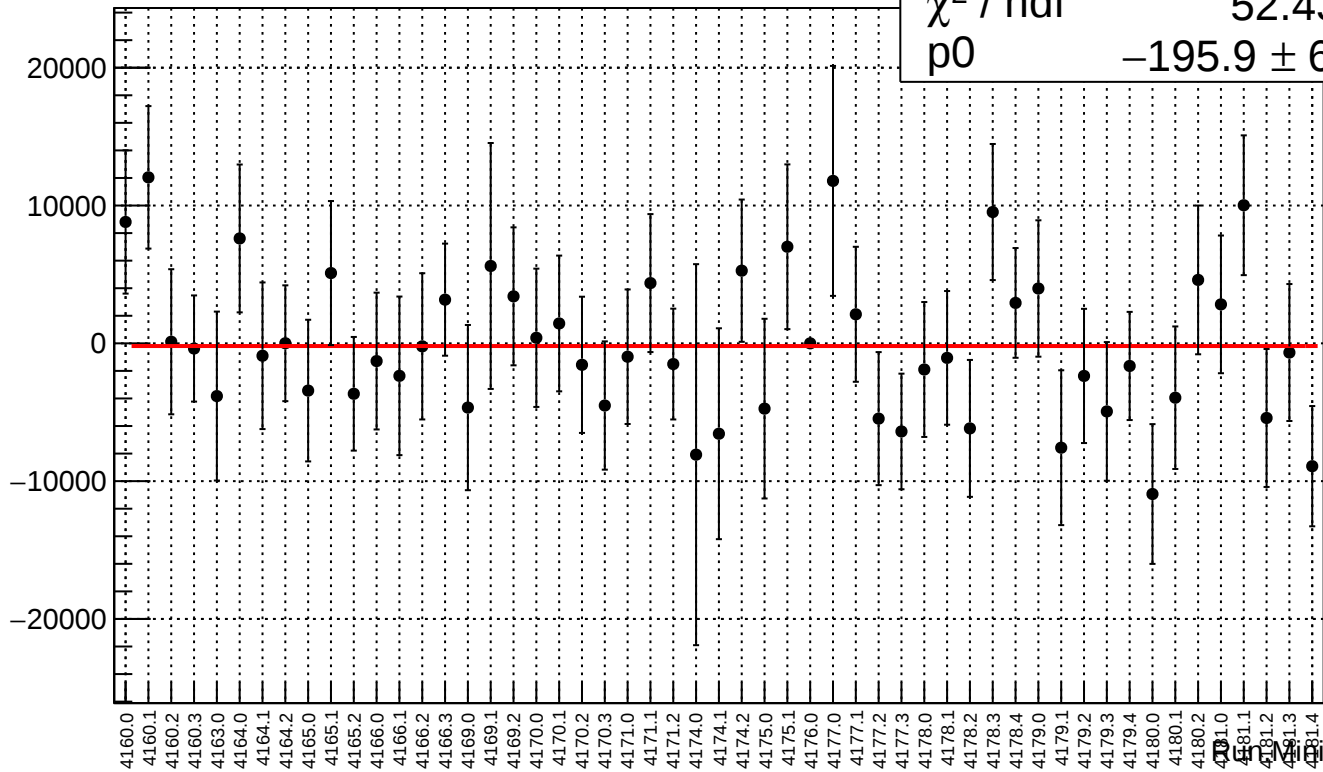


reg_asym_sam_48_avg.mean/ppb

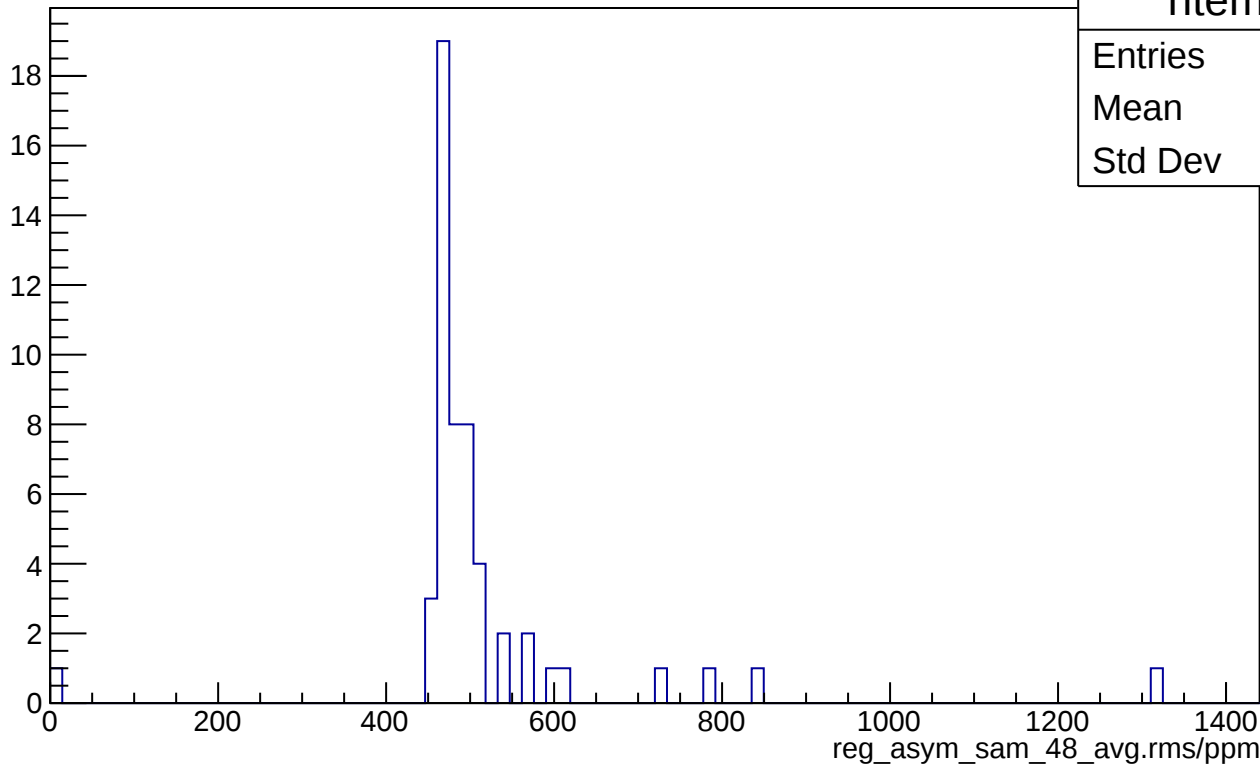
χ^2 / ndf
p0

52.43 / 51

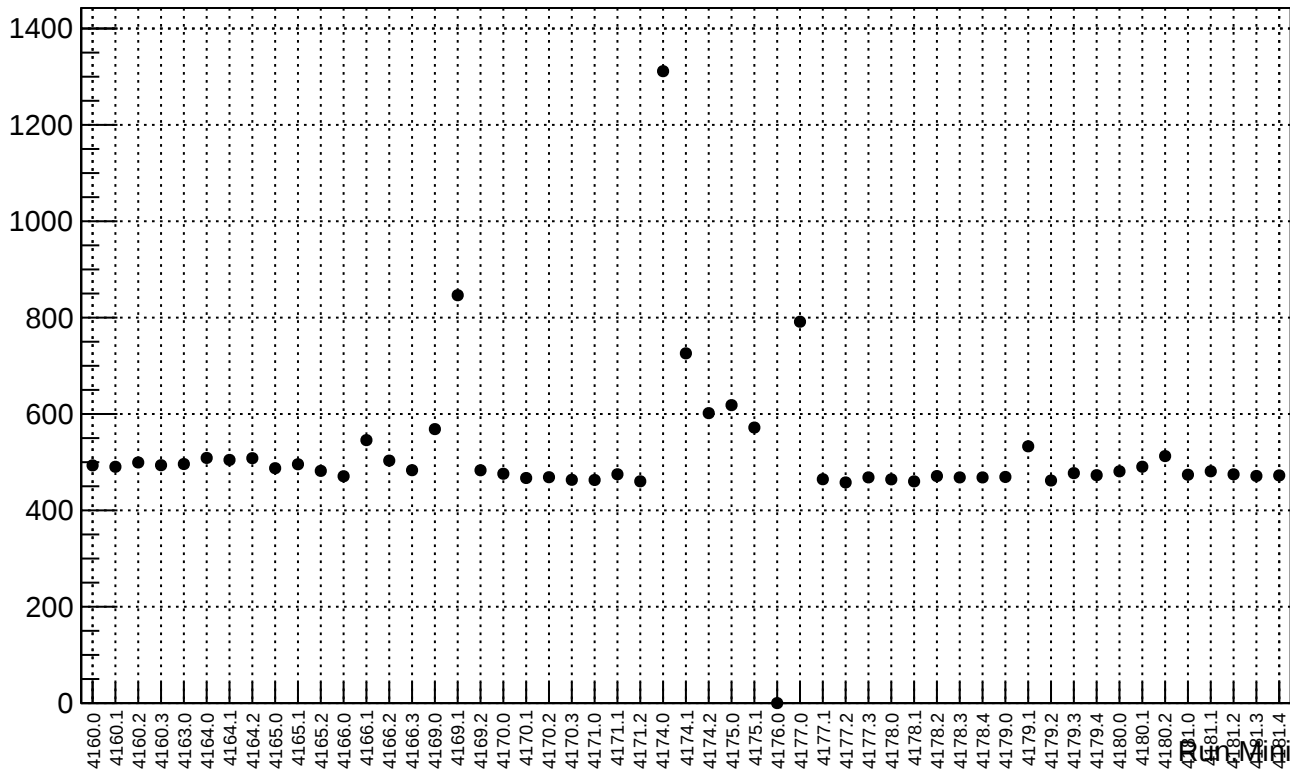
-195.9 ± 696.6



reg_asym_sam_48_avg.rms/ppm



reg_asym_sam_48_avg.rms/ppm



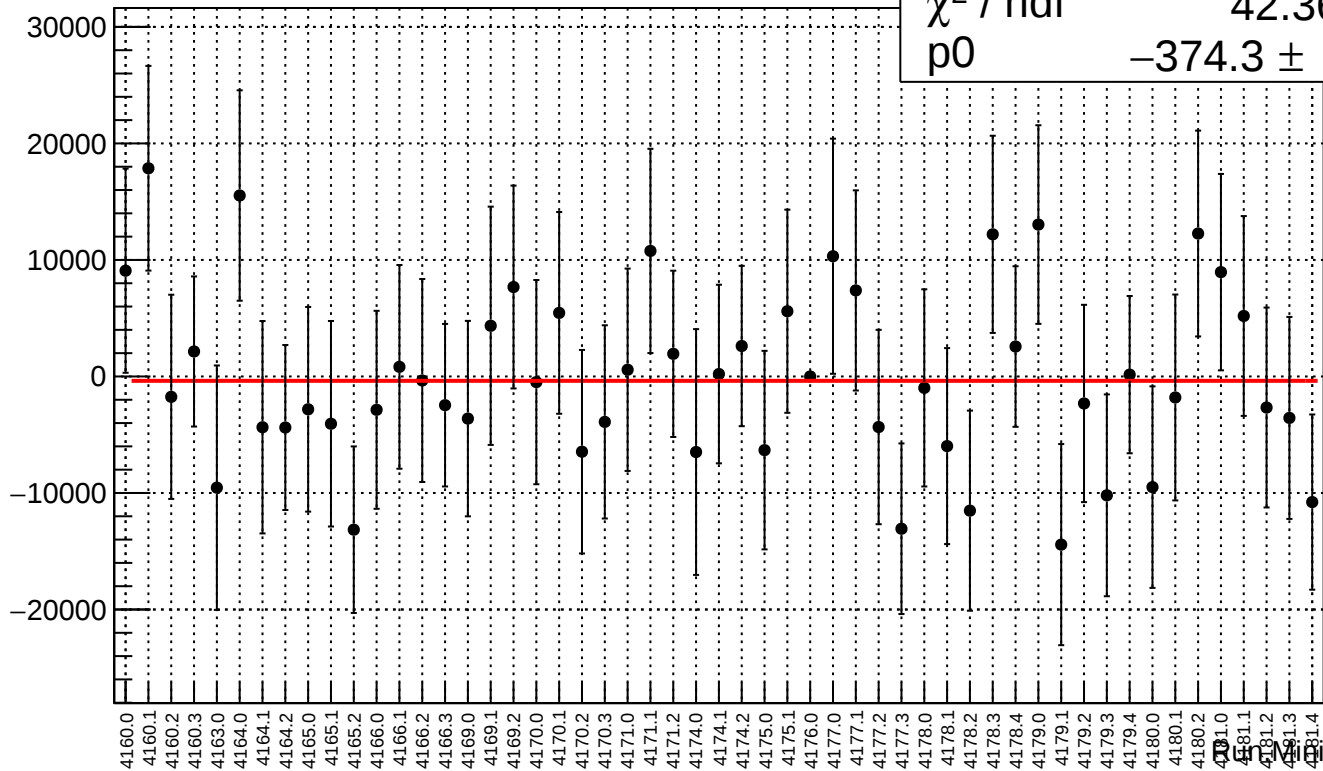
reg_asym_sam_48_dd.mean/ppb

χ^2 / ndf

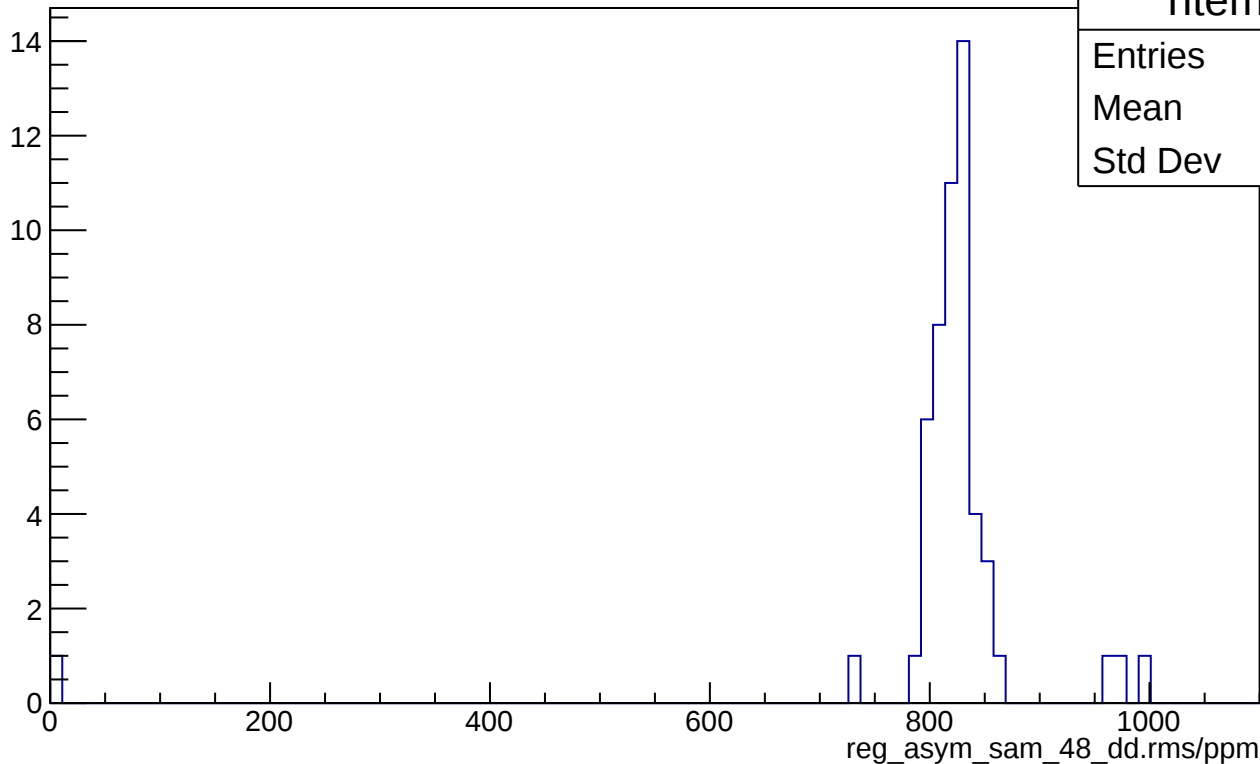
42.36 / 51

p0

-374.3 ± 1151



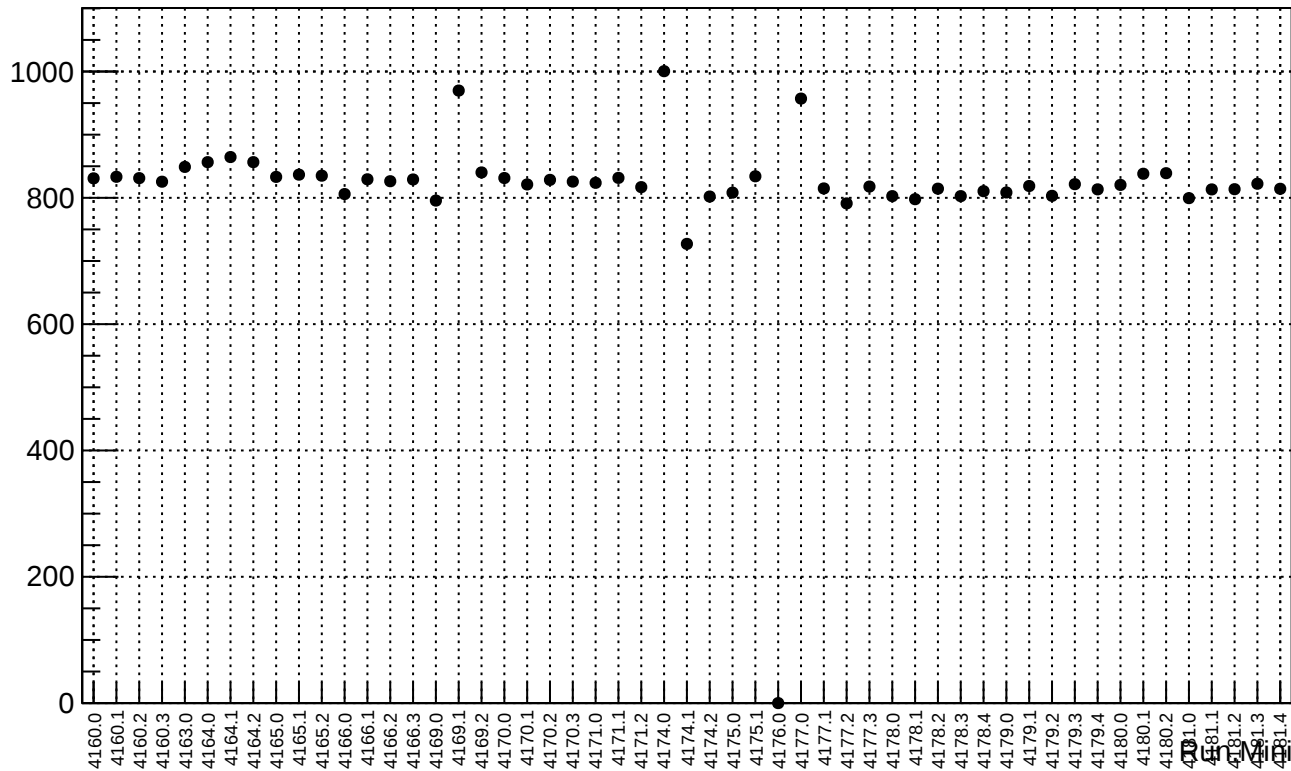
reg_asym_sam_48_dd.rms/ppm



htemp

Entries	53
Mean	813.9
Std Dev	120.2

reg_asym_sam_48_dd.rms/ppm



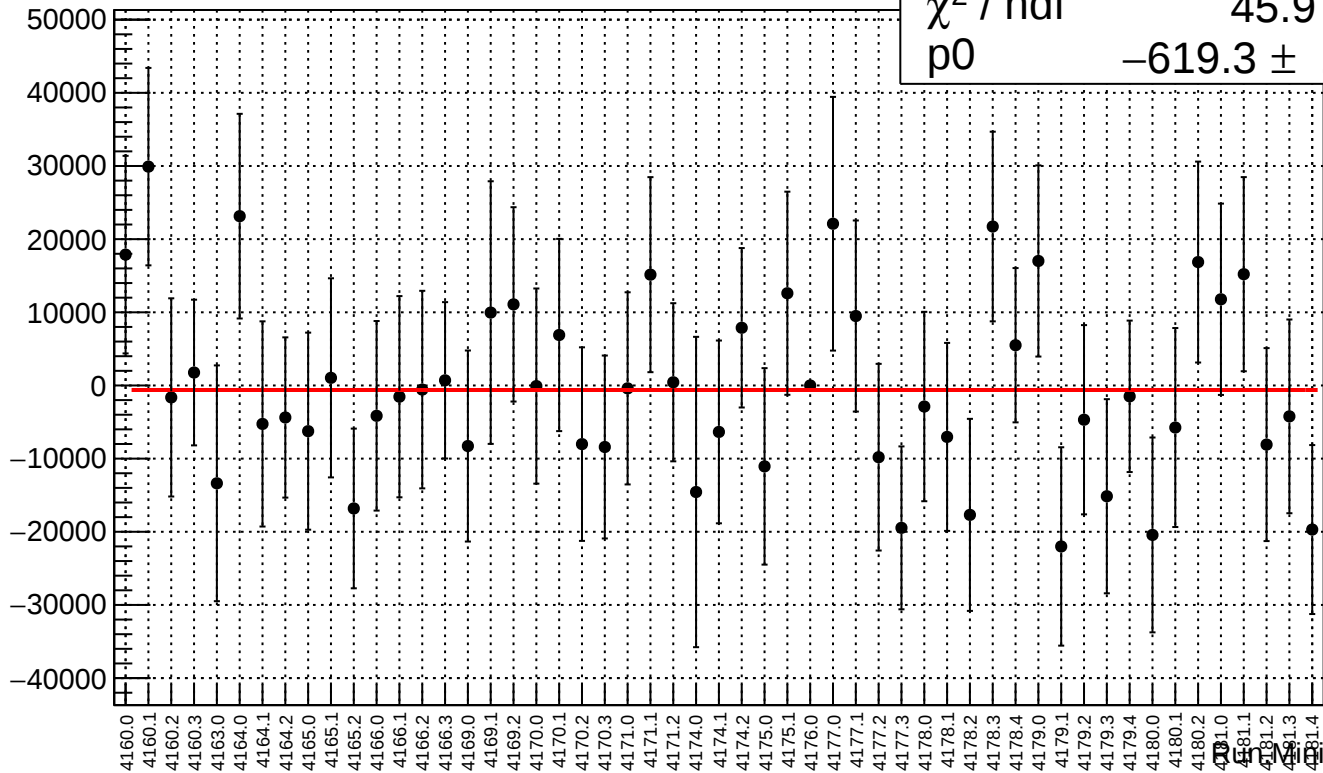
reg_asym_sam4.mean/ppb

χ^2 / ndf

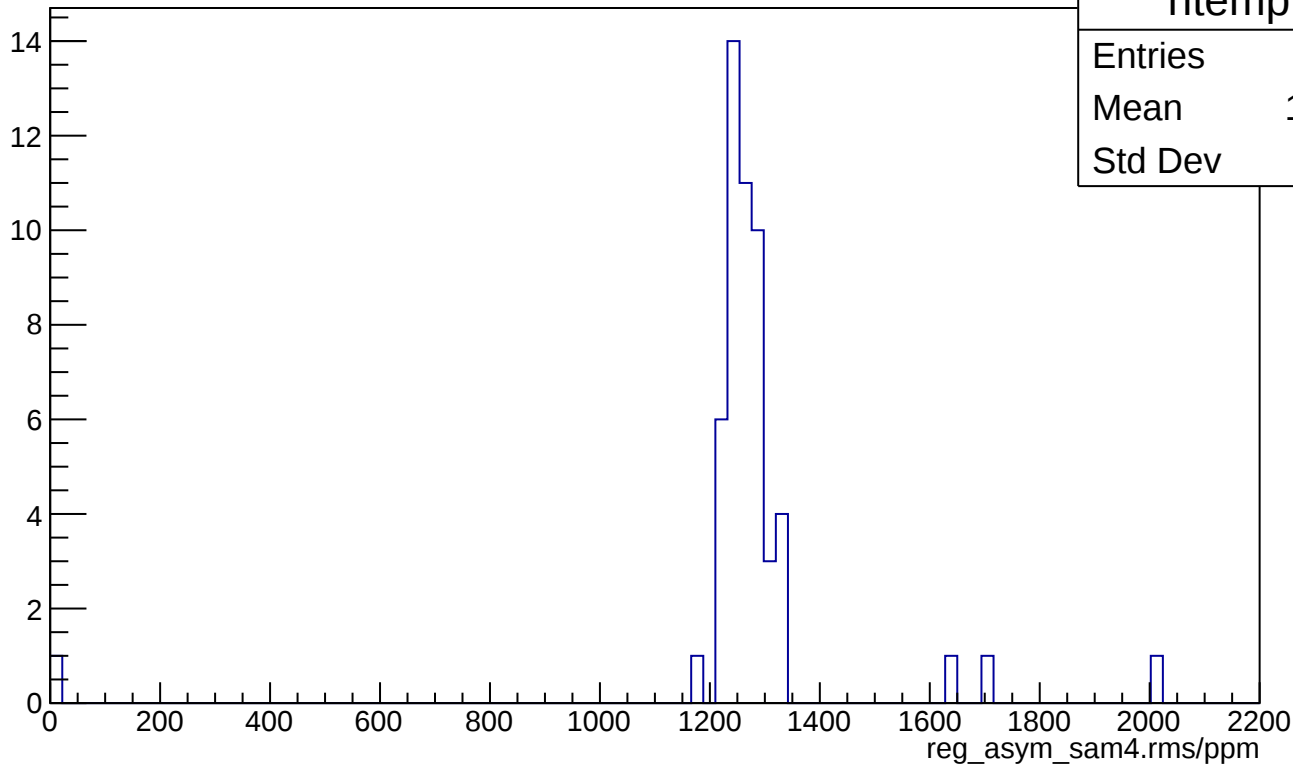
45.97 / 51

p0

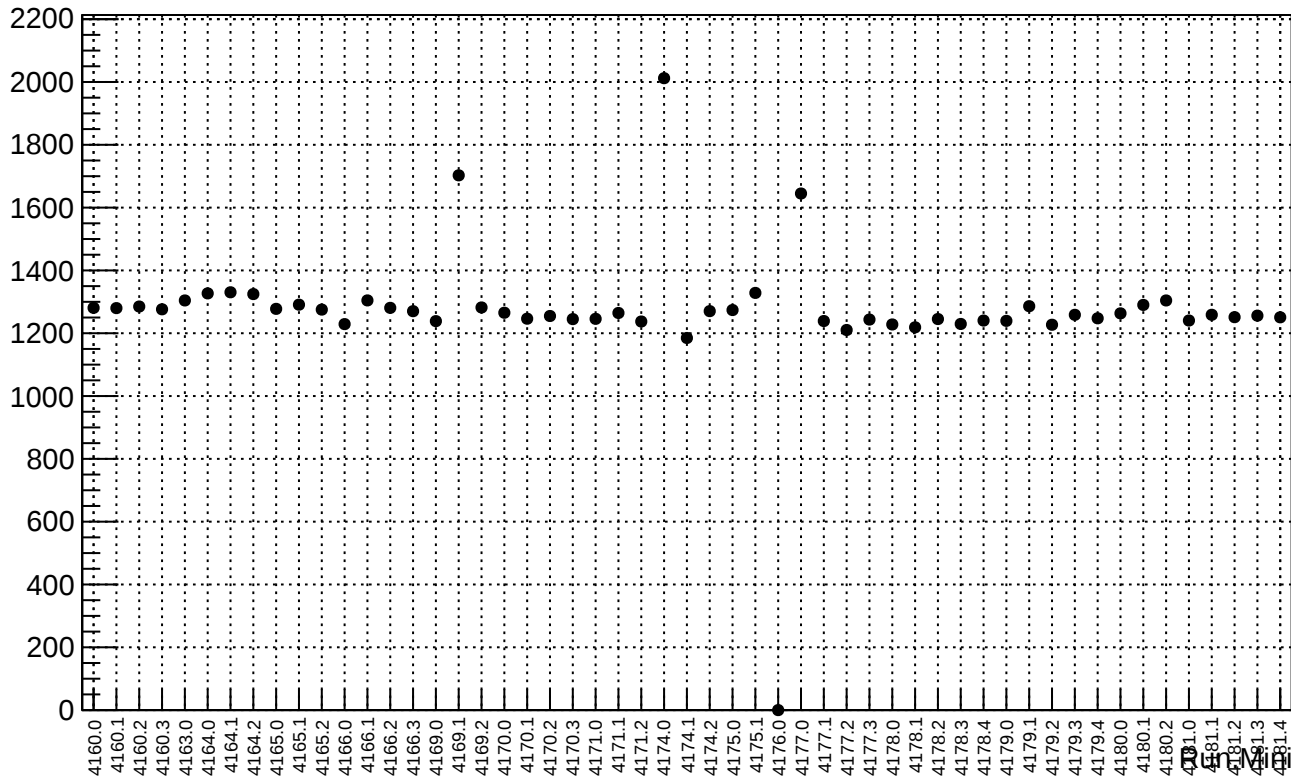
-619.3 ± 1782



reg_asym_sam4.rms/ppm



reg_asym_sam4.rms/ppm

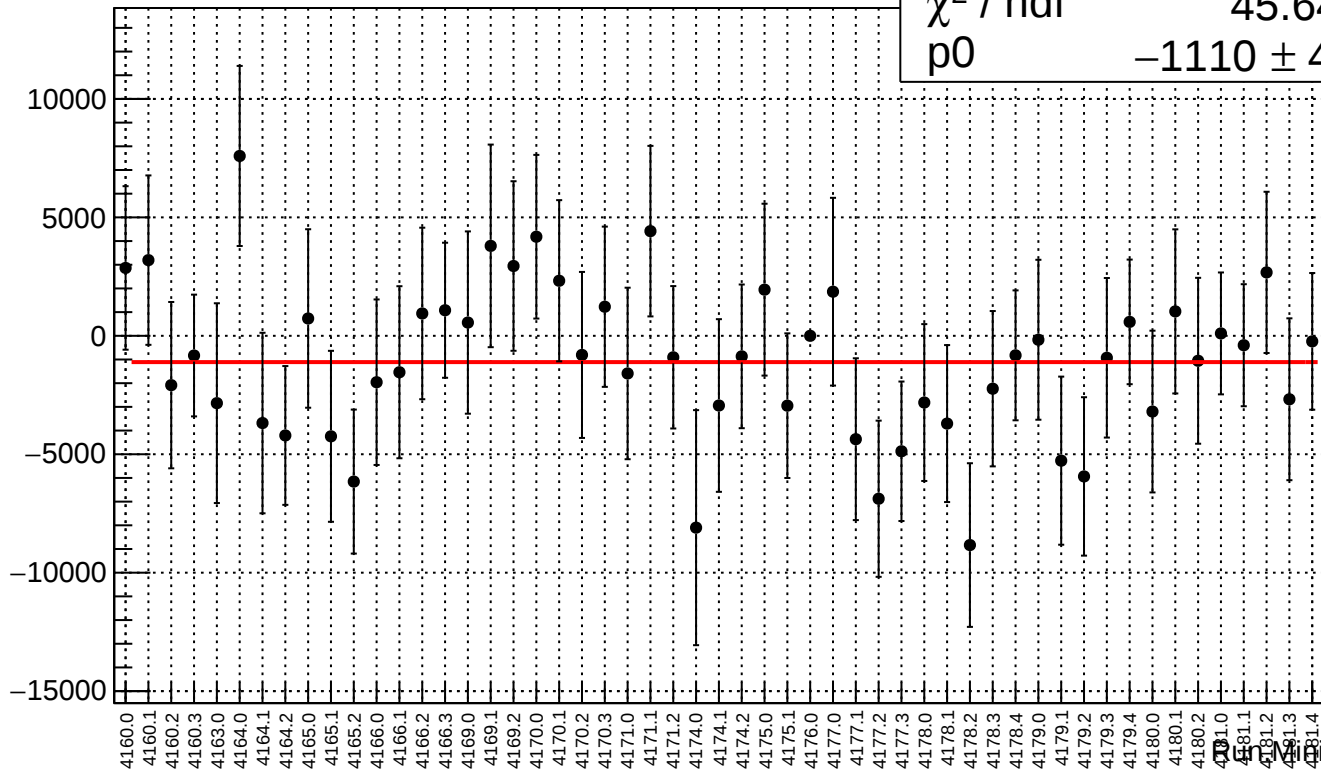


reg_asym_sam5.mean/ppb

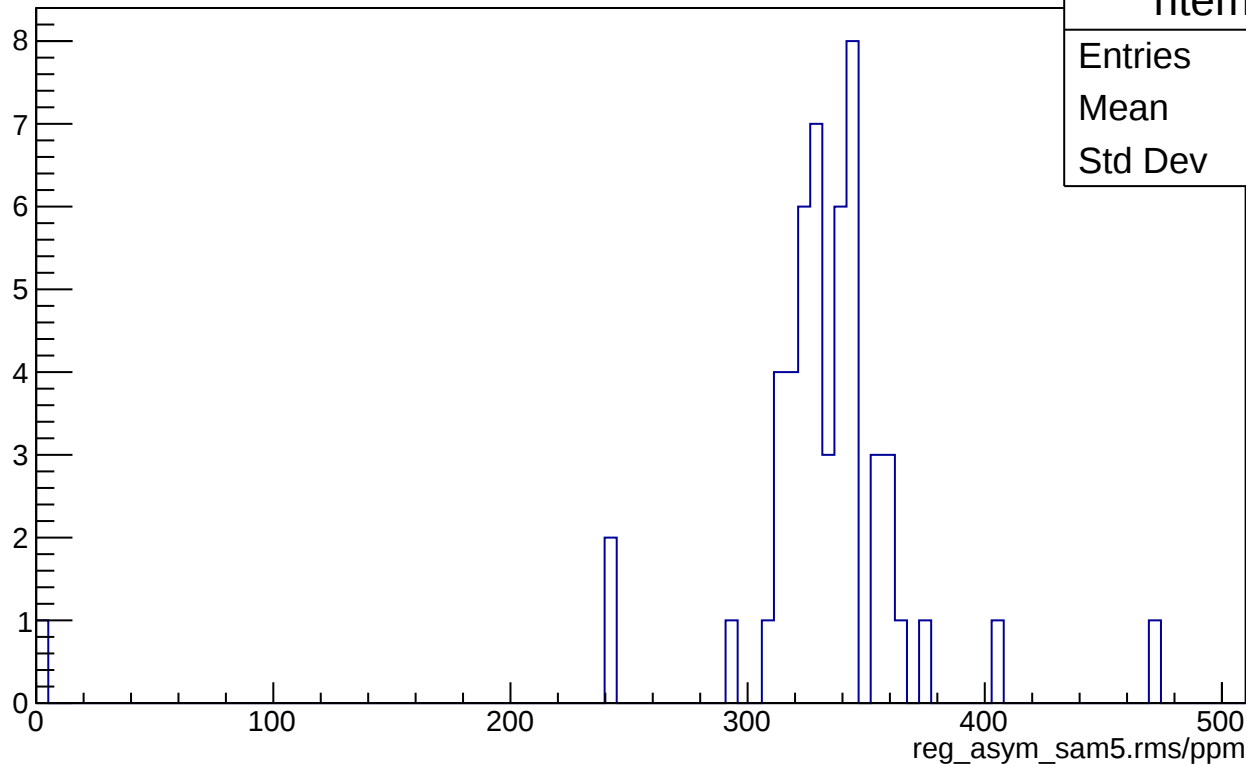
χ^2 / ndf
p0

45.64 / 51

-1110 ± 460.7



reg_asym_sam5.rms/ppm



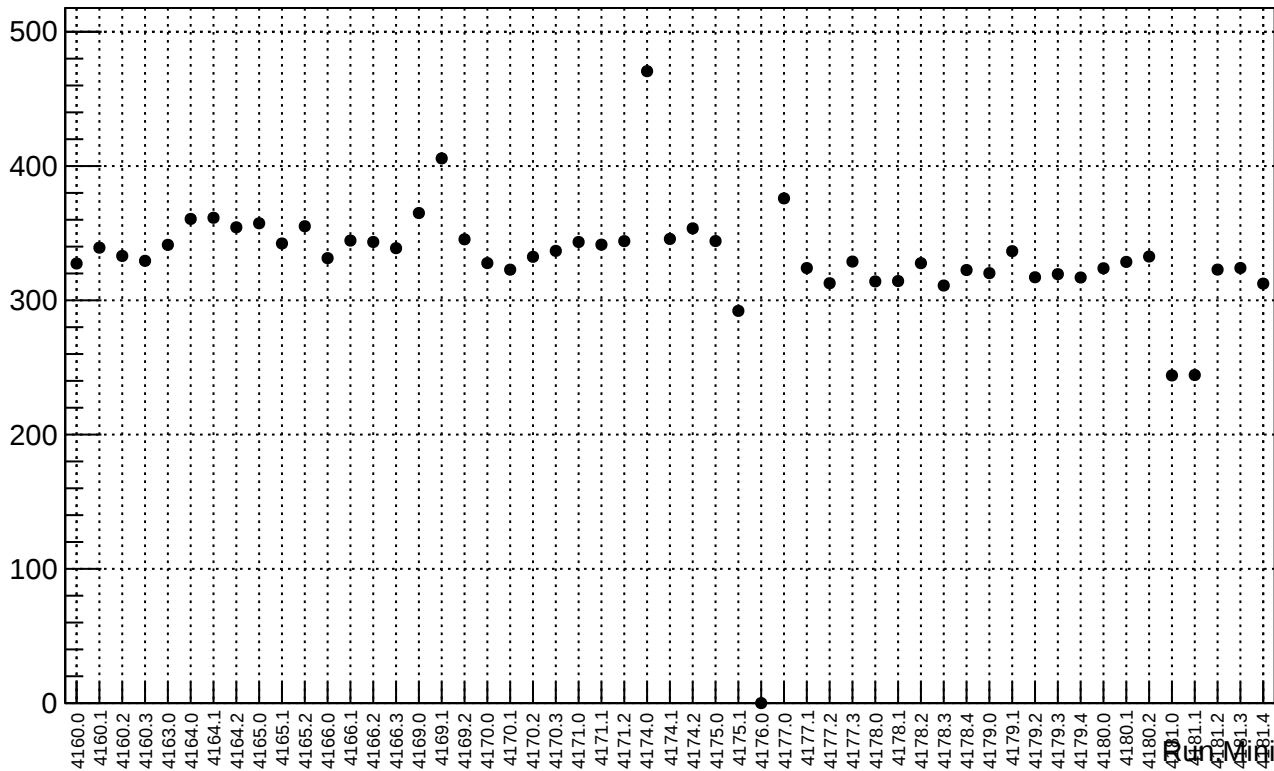
htemp

Entries 53

Mean 328.4

Std Dev 55.4

reg_asym_sam5.rms/ppm

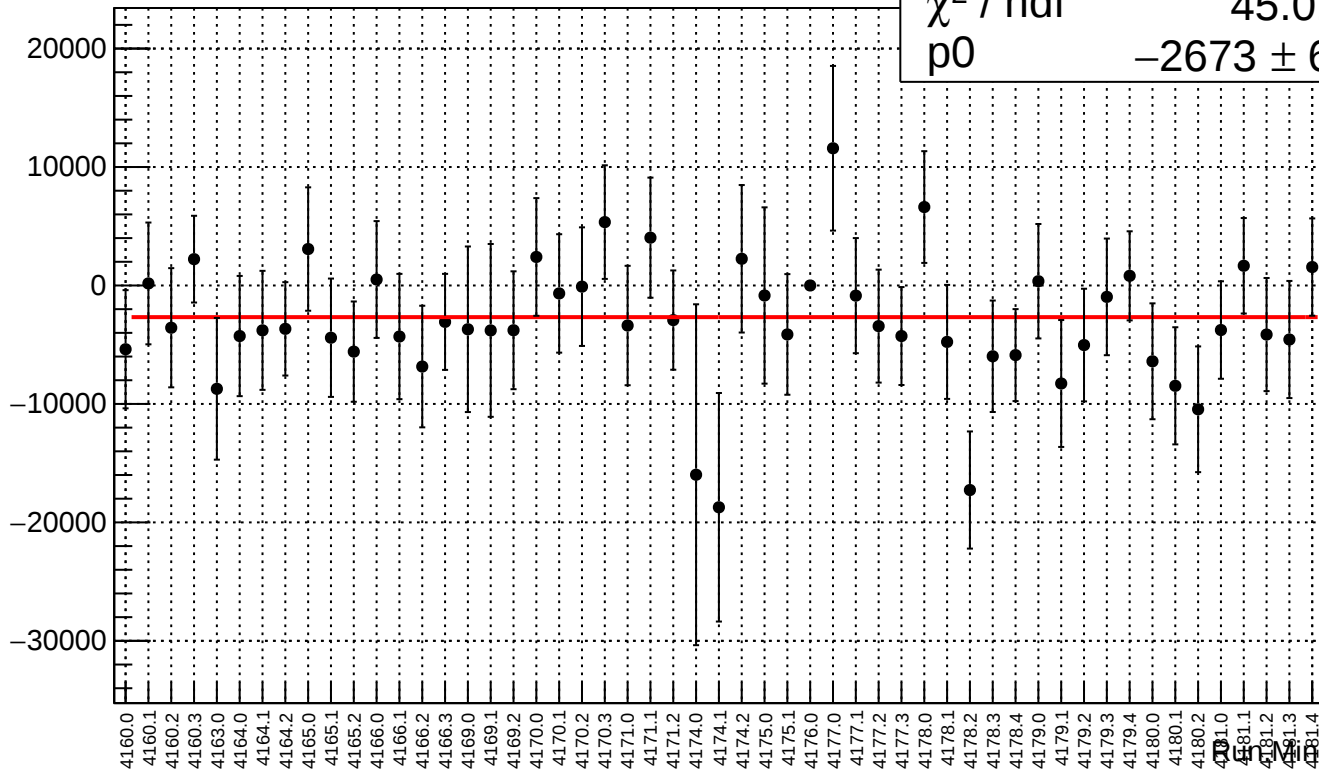


reg_asym_sam6.mean/ppb

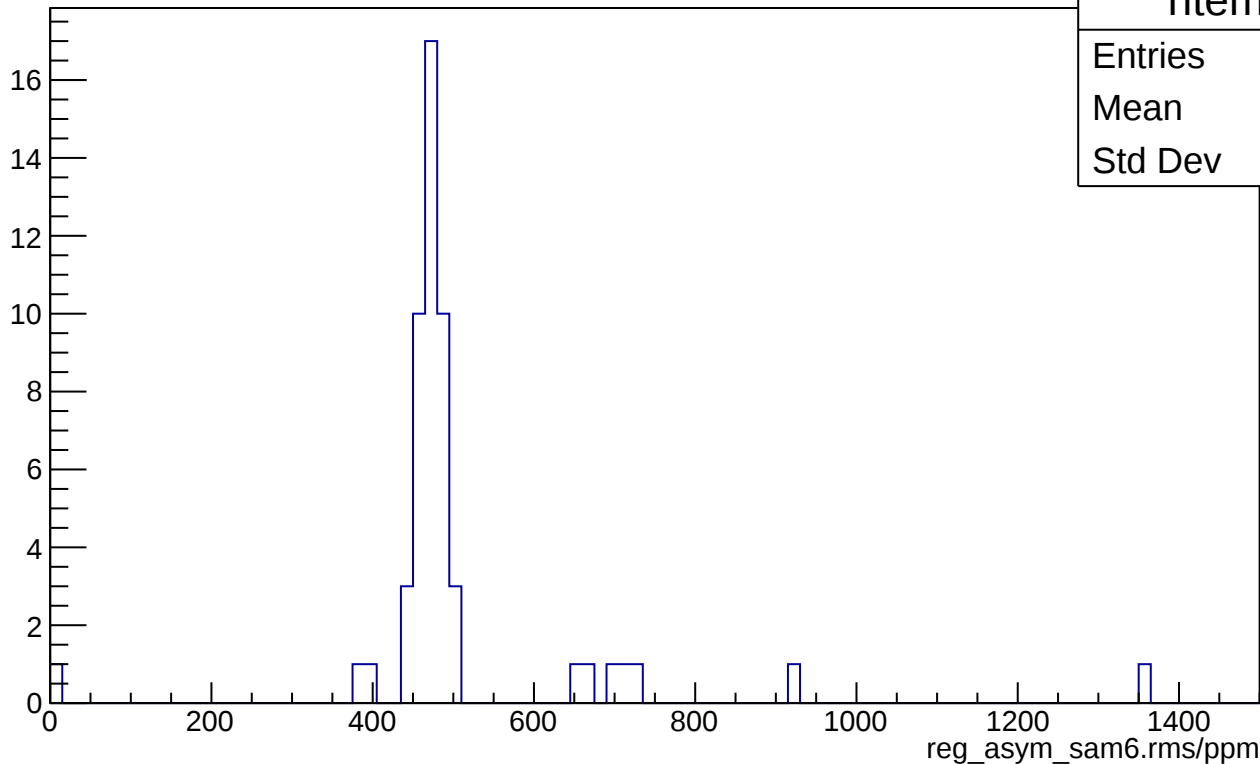
χ^2 / ndf
p0

45.01 / 51

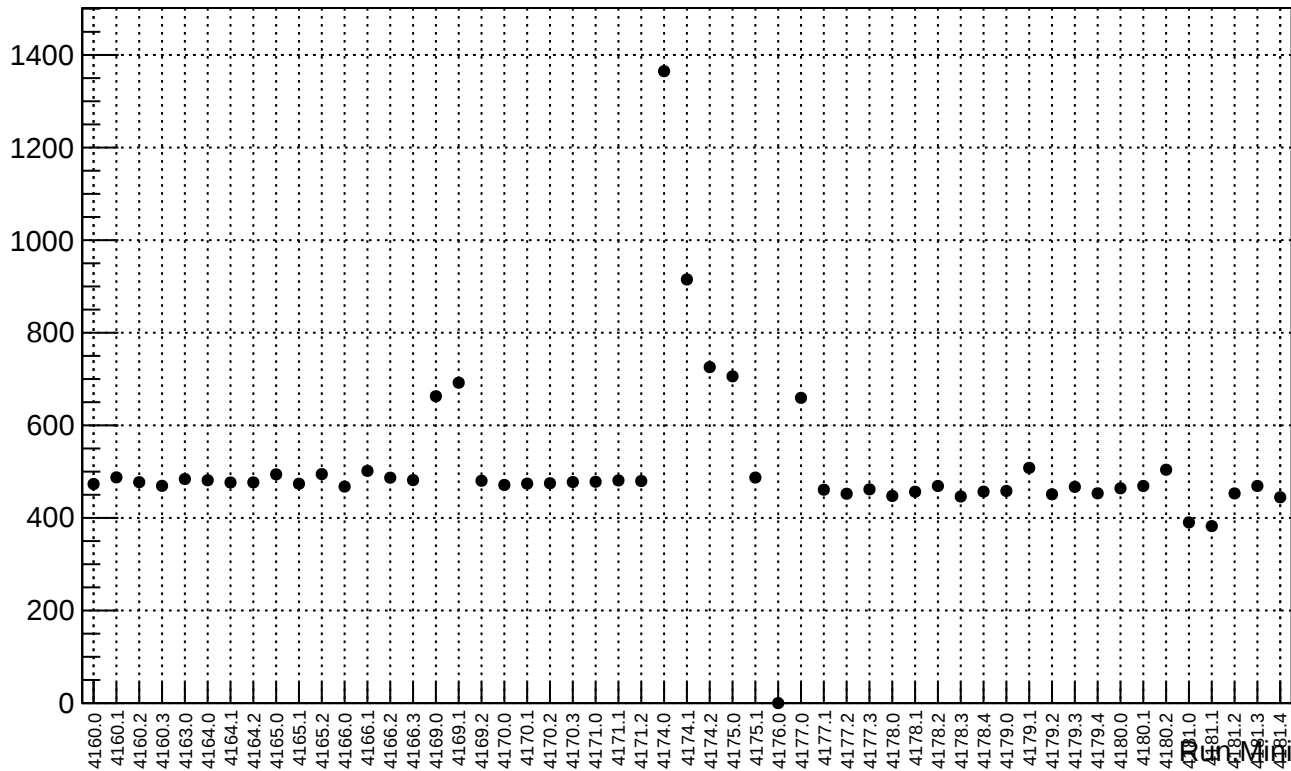
-2673 ± 678.7



reg_asym_sam6.rms/ppm



reg_asym_sam6.rms/ppm



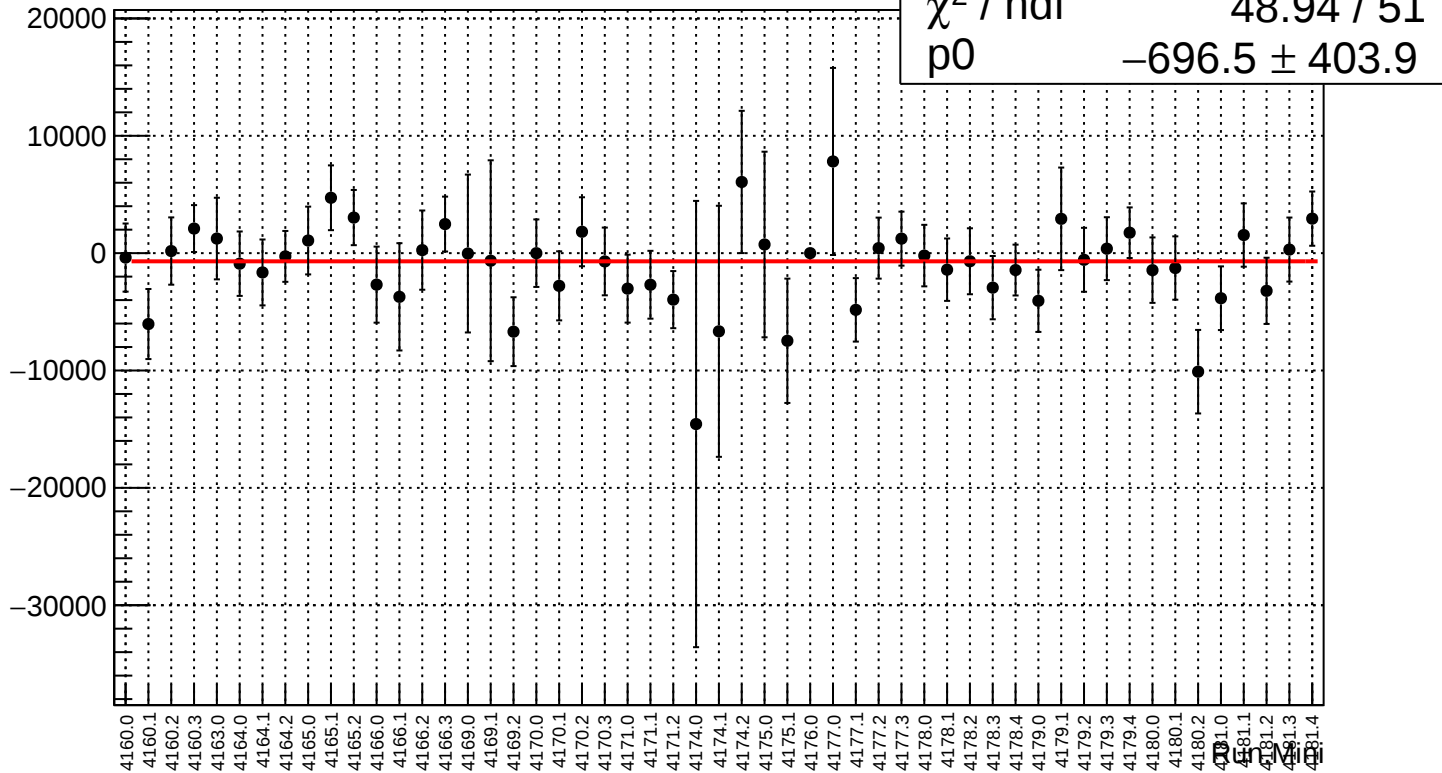
reg_asym_sam7.mean/ppb

χ^2 / ndf

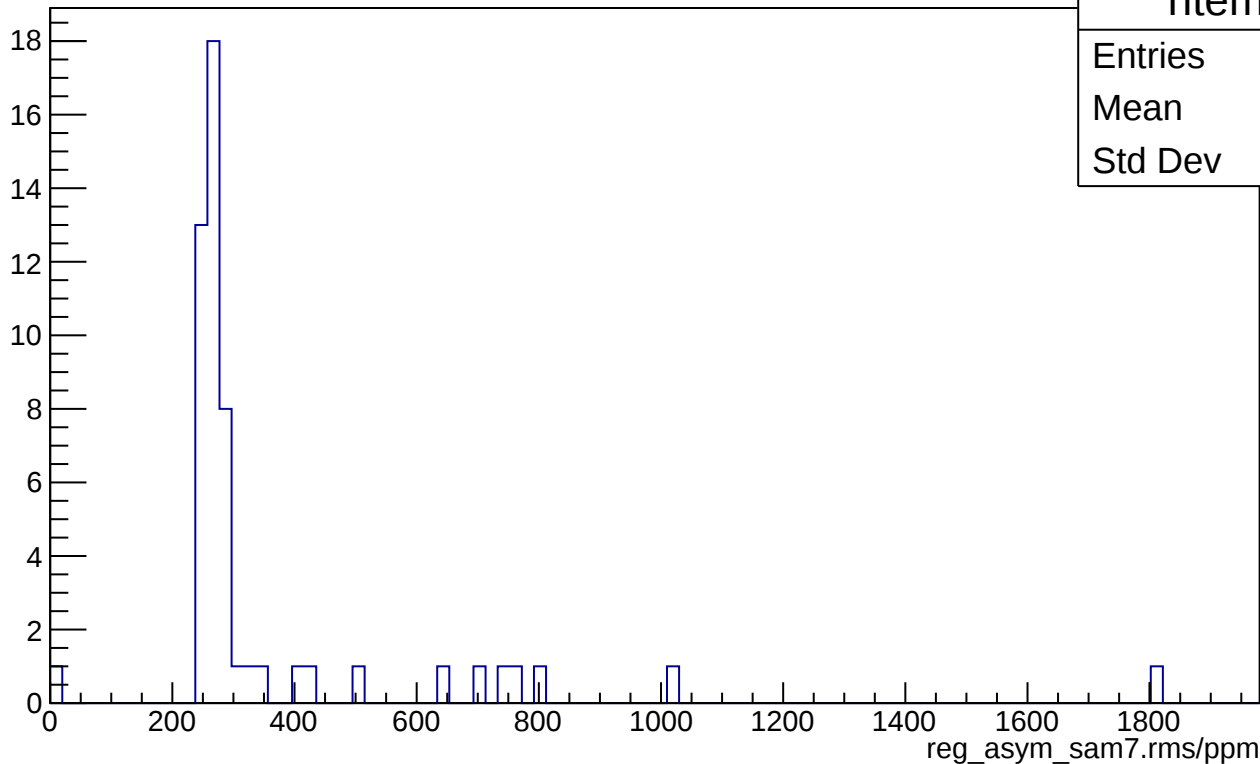
48.94 / 51

p0

-696.5 ± 403.9



reg_asym_sam7.rms/ppm



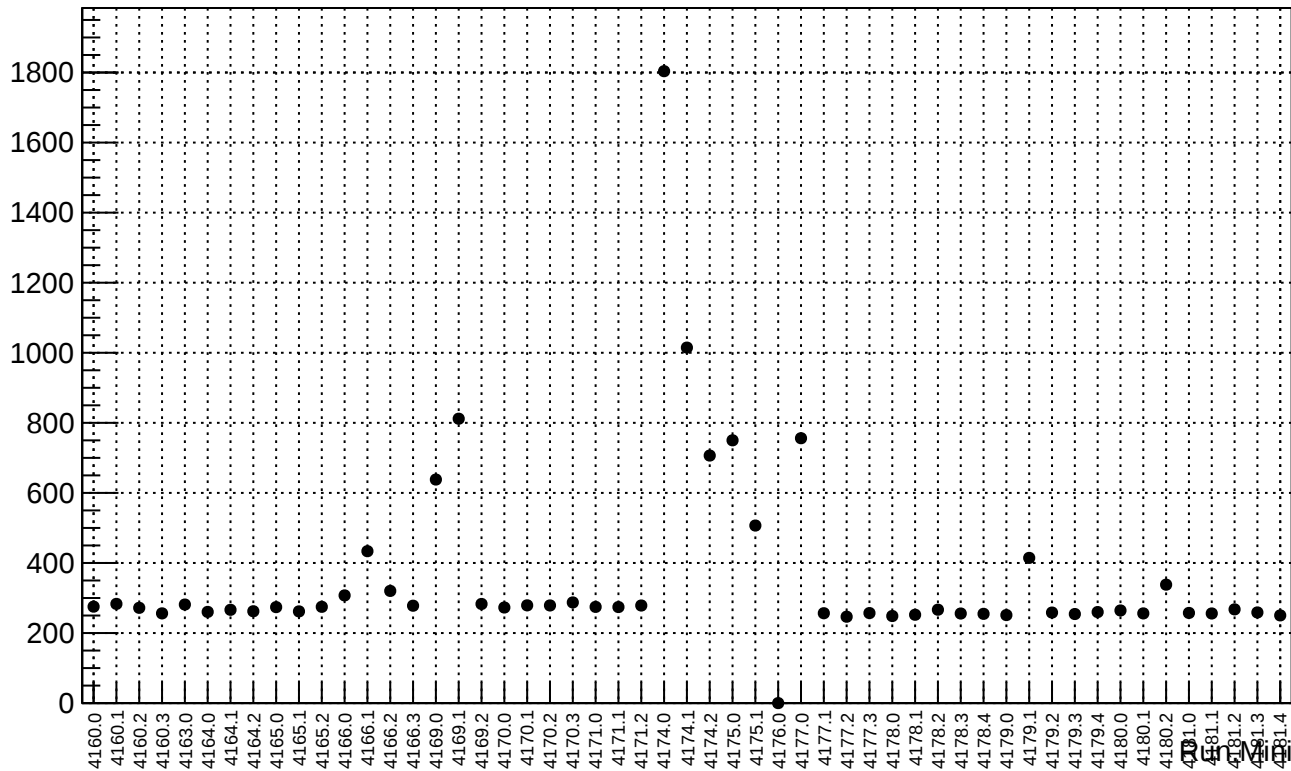
htemp

Entries 53

Mean 361.3

Std Dev 265.7

reg_asym_sam7.rms/ppm

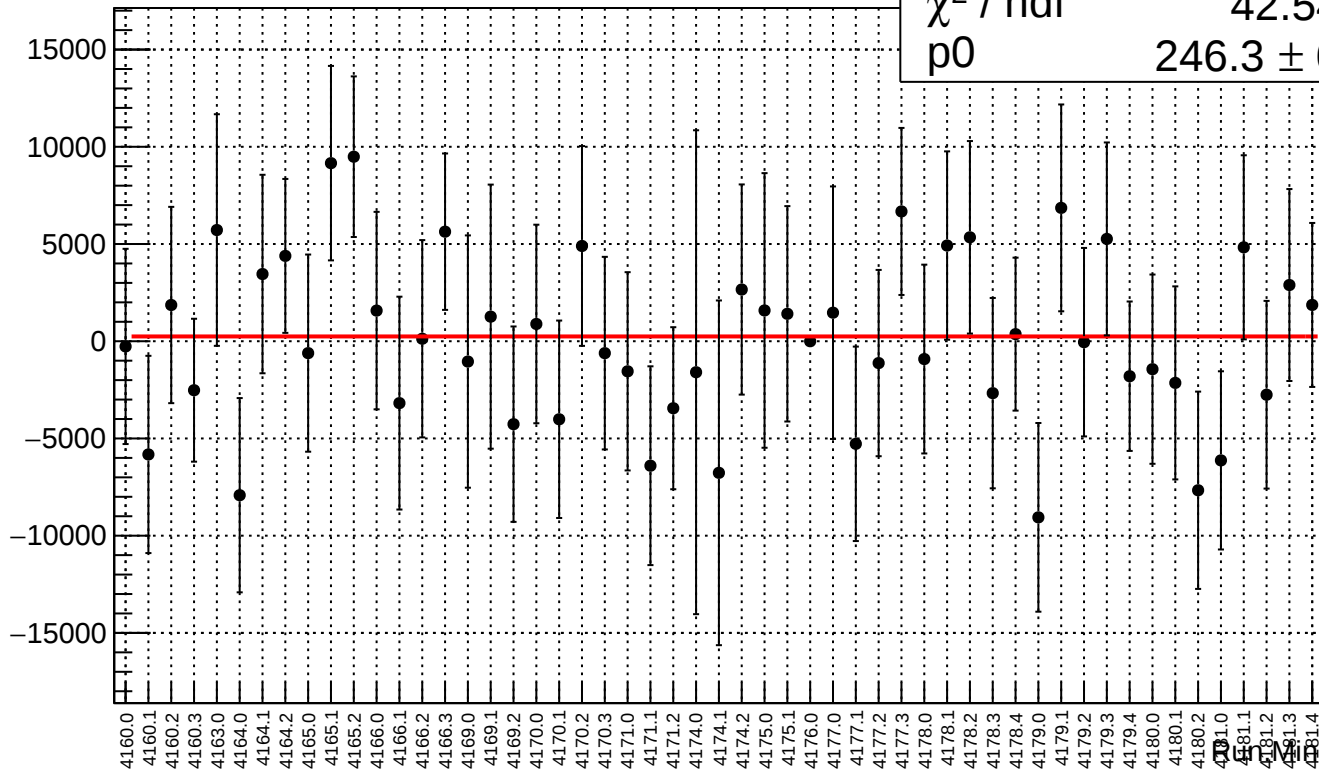


reg_asym_sam8.mean/ppb

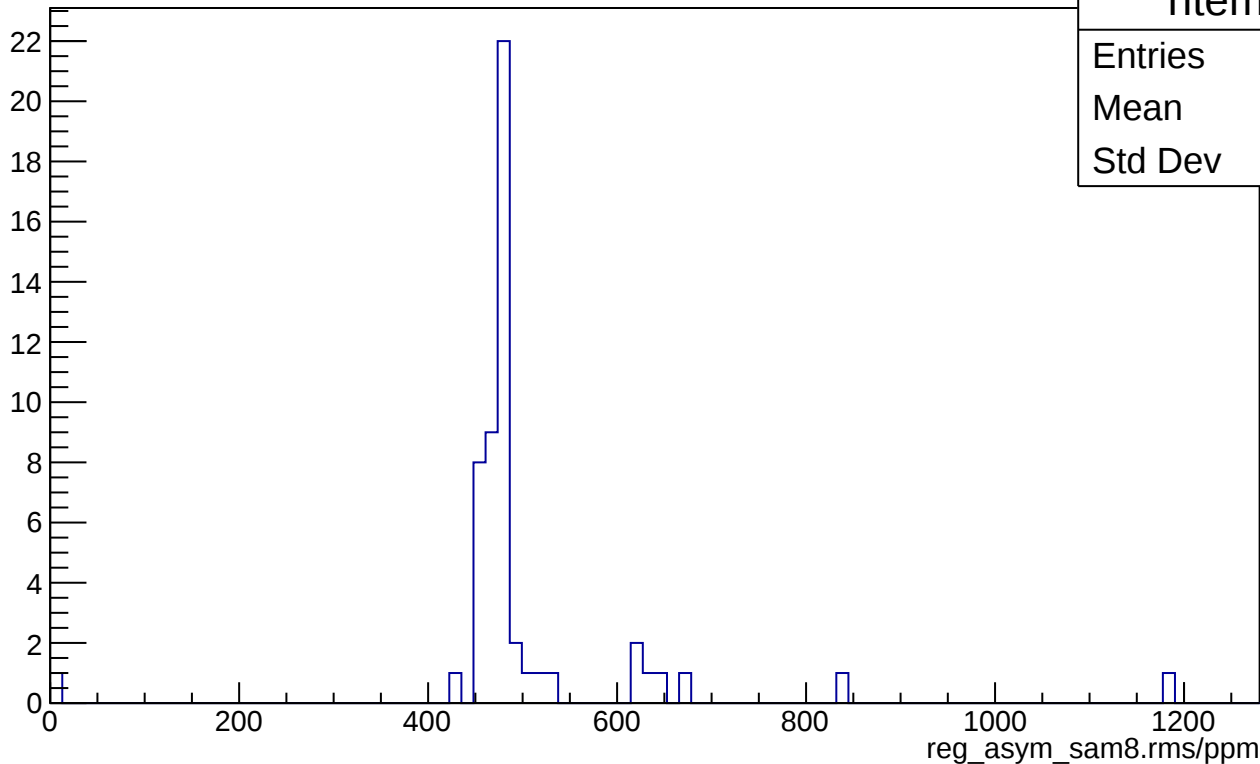
χ^2 / ndf
p0

42.54 / 51

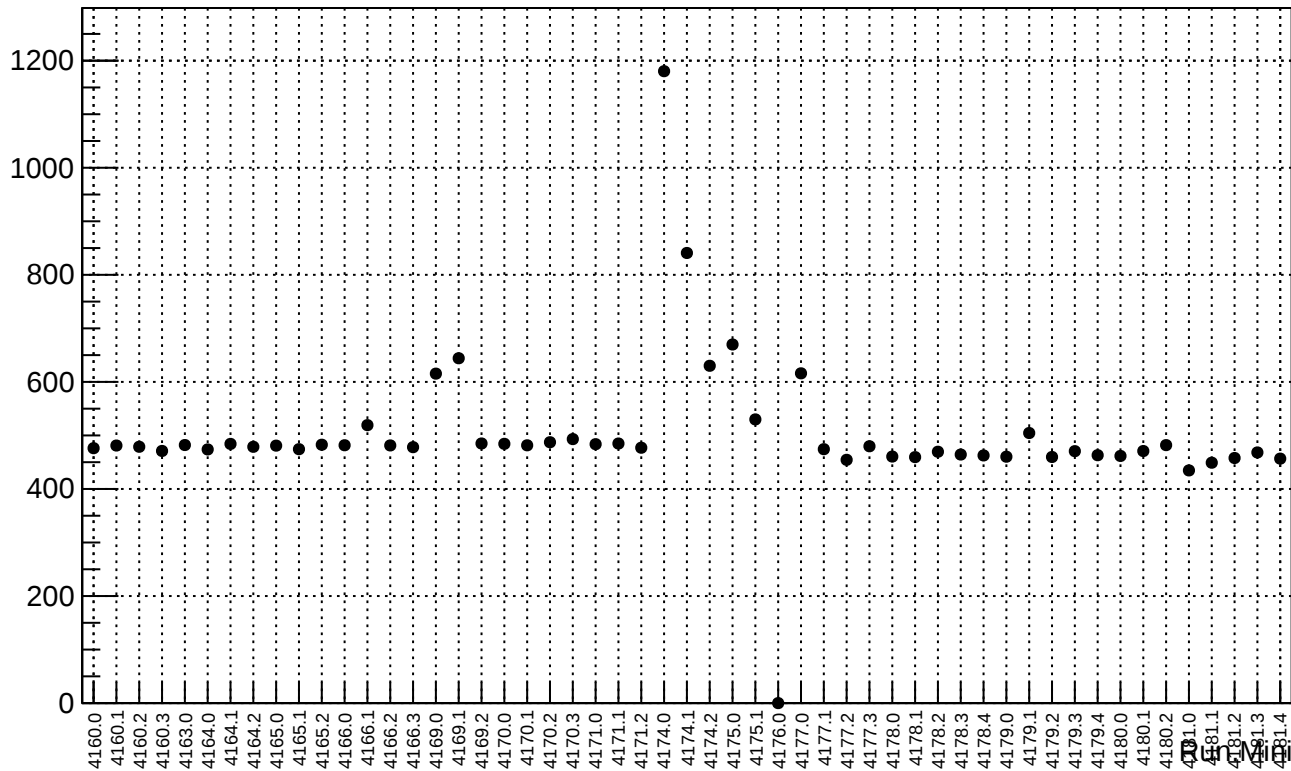
246.3 ± 685.1



reg_asym_sam8.rms/ppm



reg_asym_sam8.rms/ppm



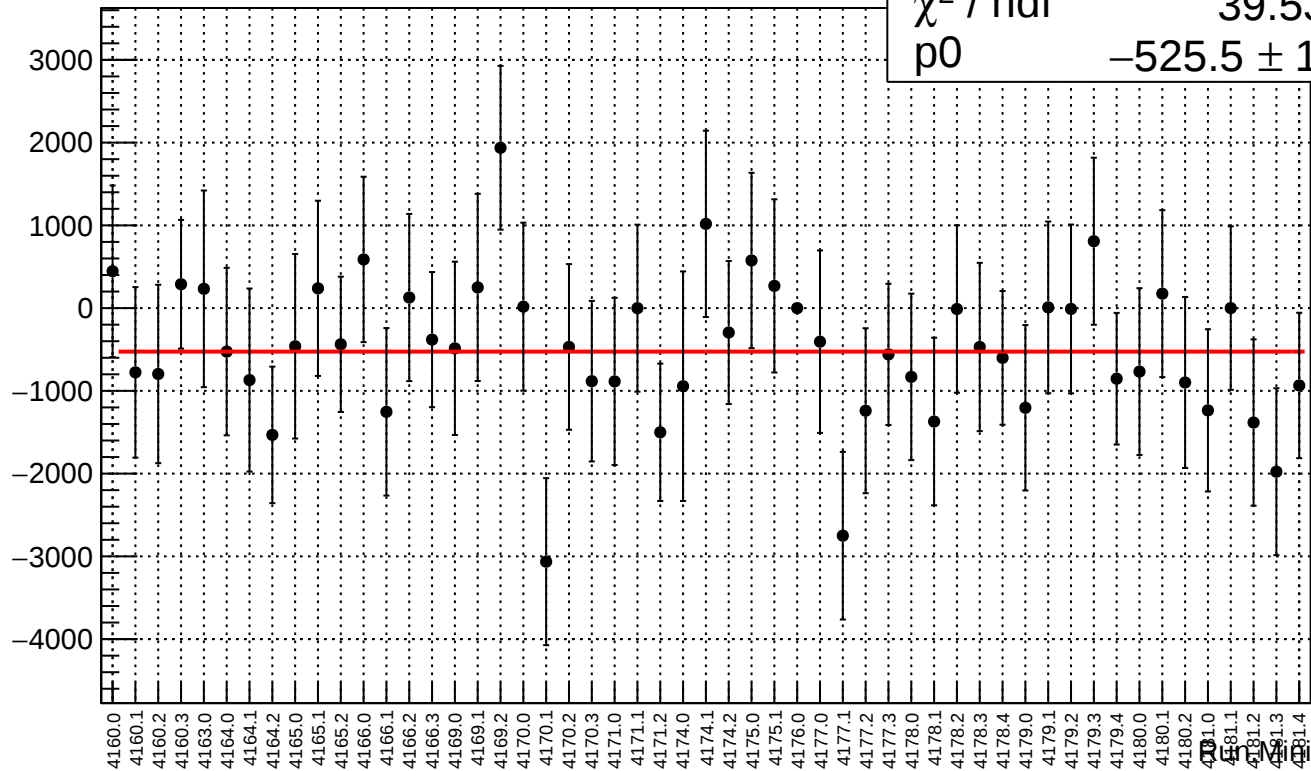
reg_asym_us_avg.mean/ppb

χ^2 / ndf

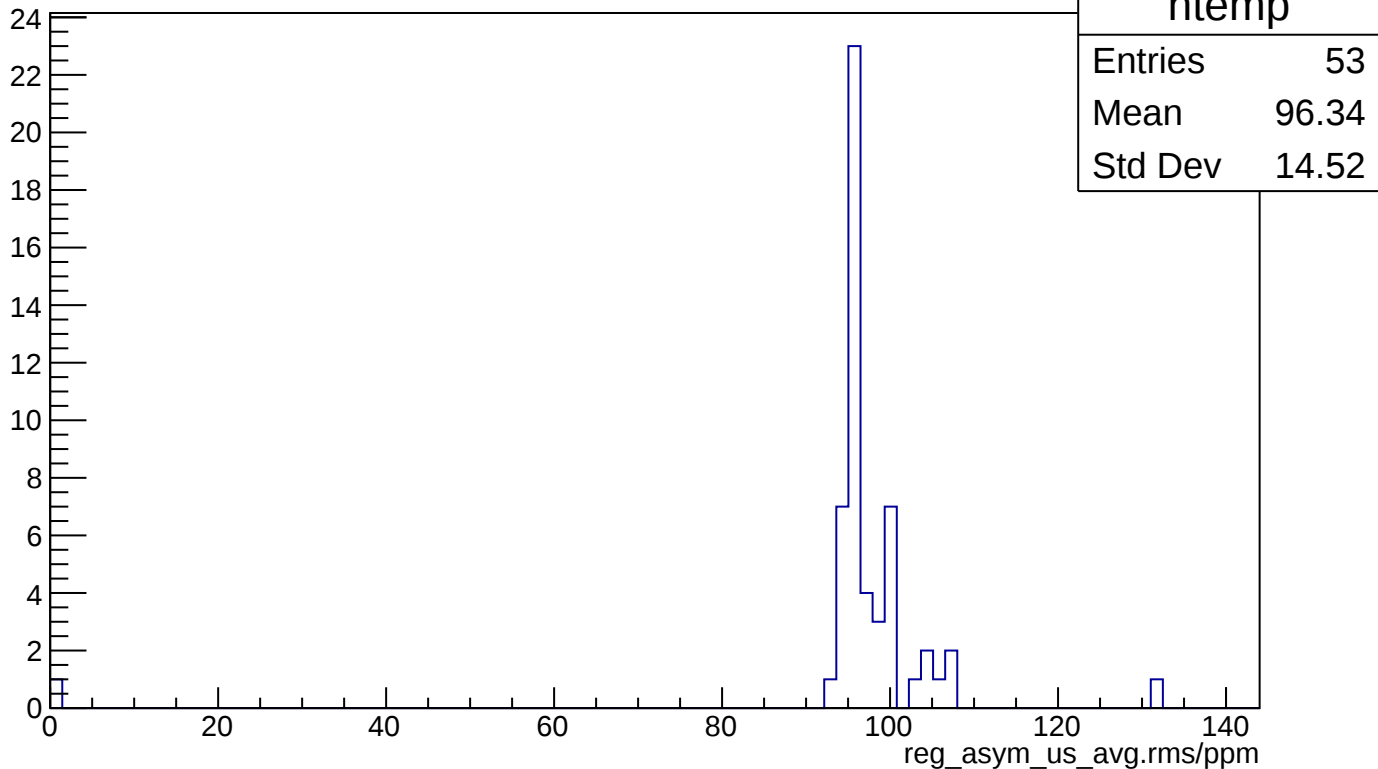
39.53 / 51

p0

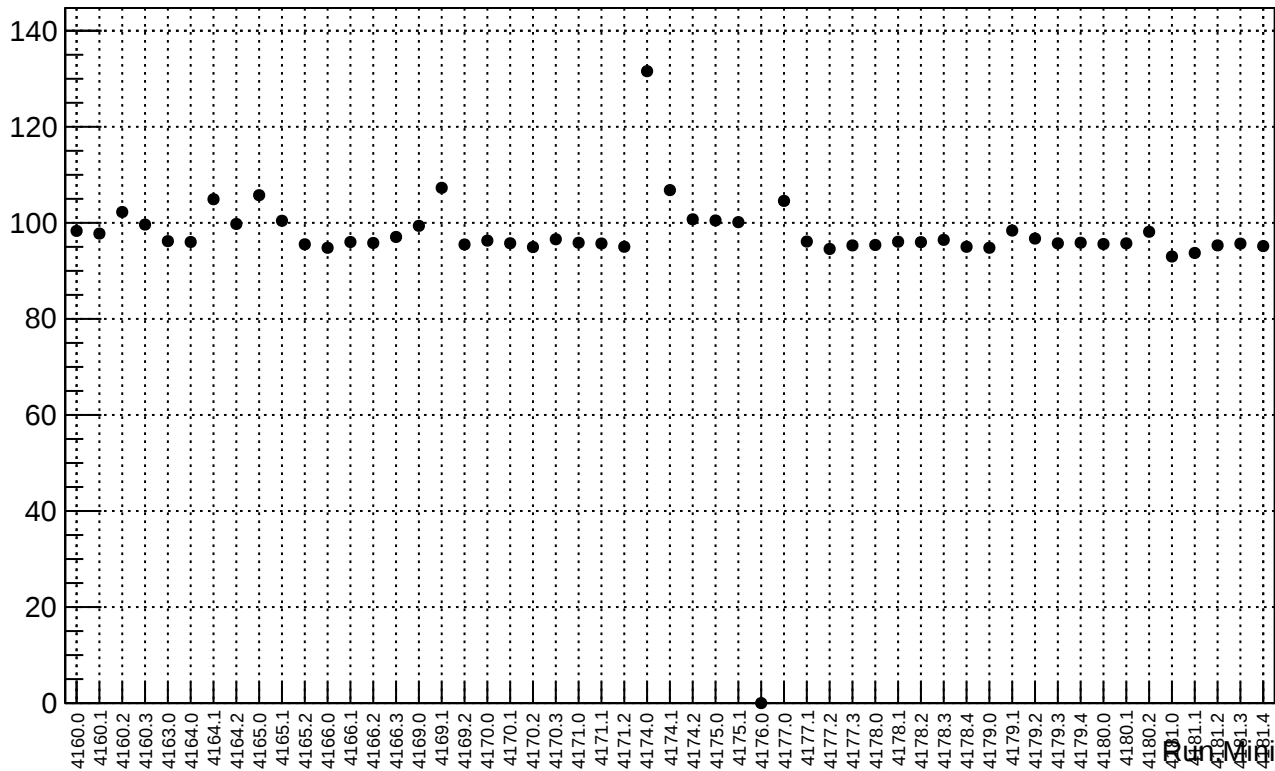
-525.5 ± 136.2



reg_asym_us_avg.rms/ppm



reg_asym_us_avg.rms/ppm

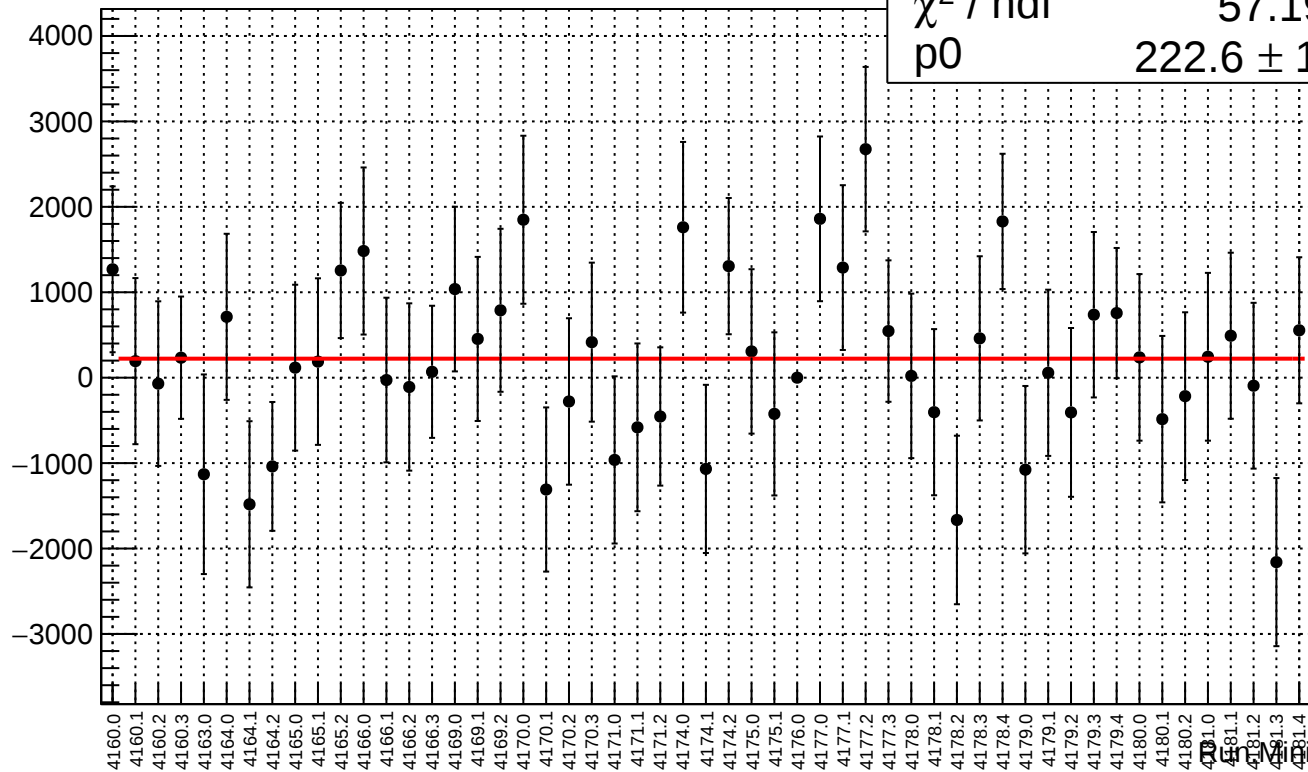


reg_asym_us_dd.mean/ppb

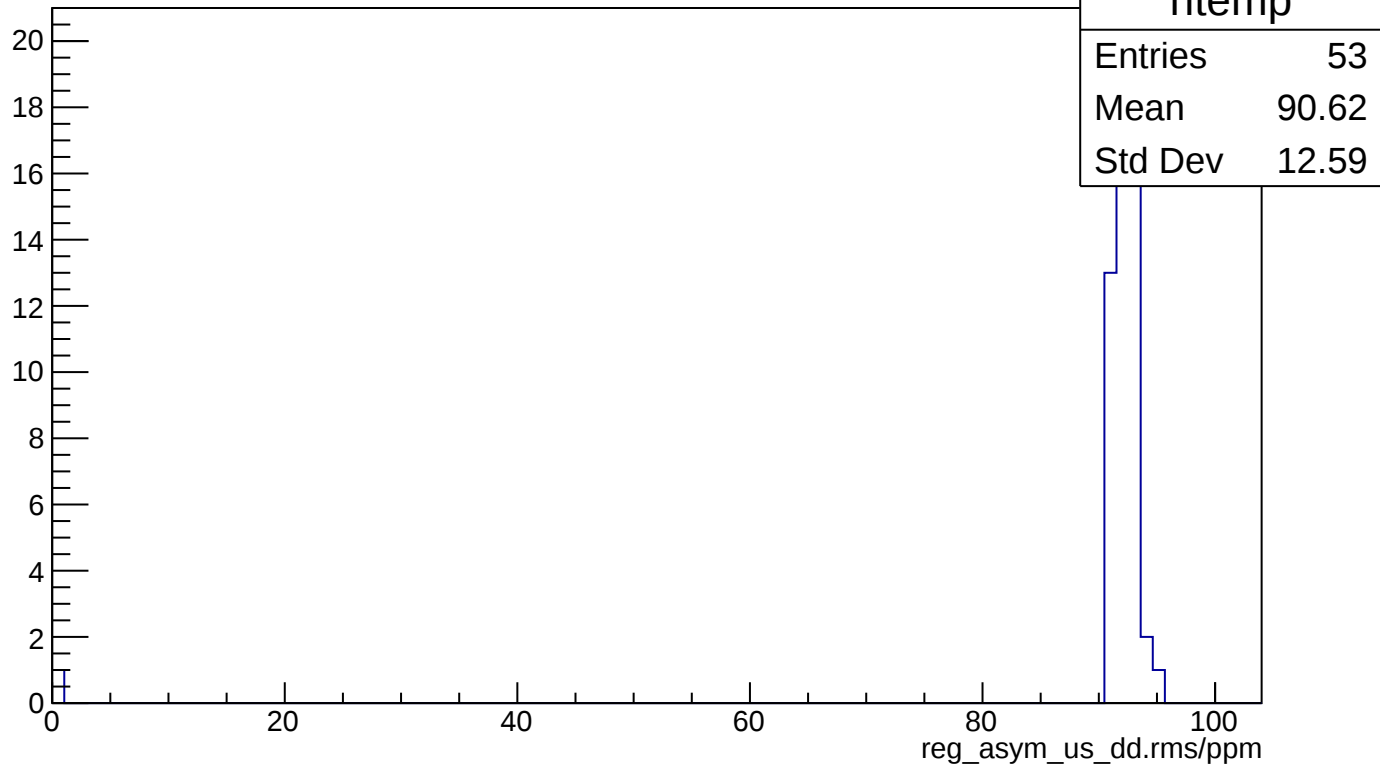
χ^2 / ndf
p0

57.19 / 51

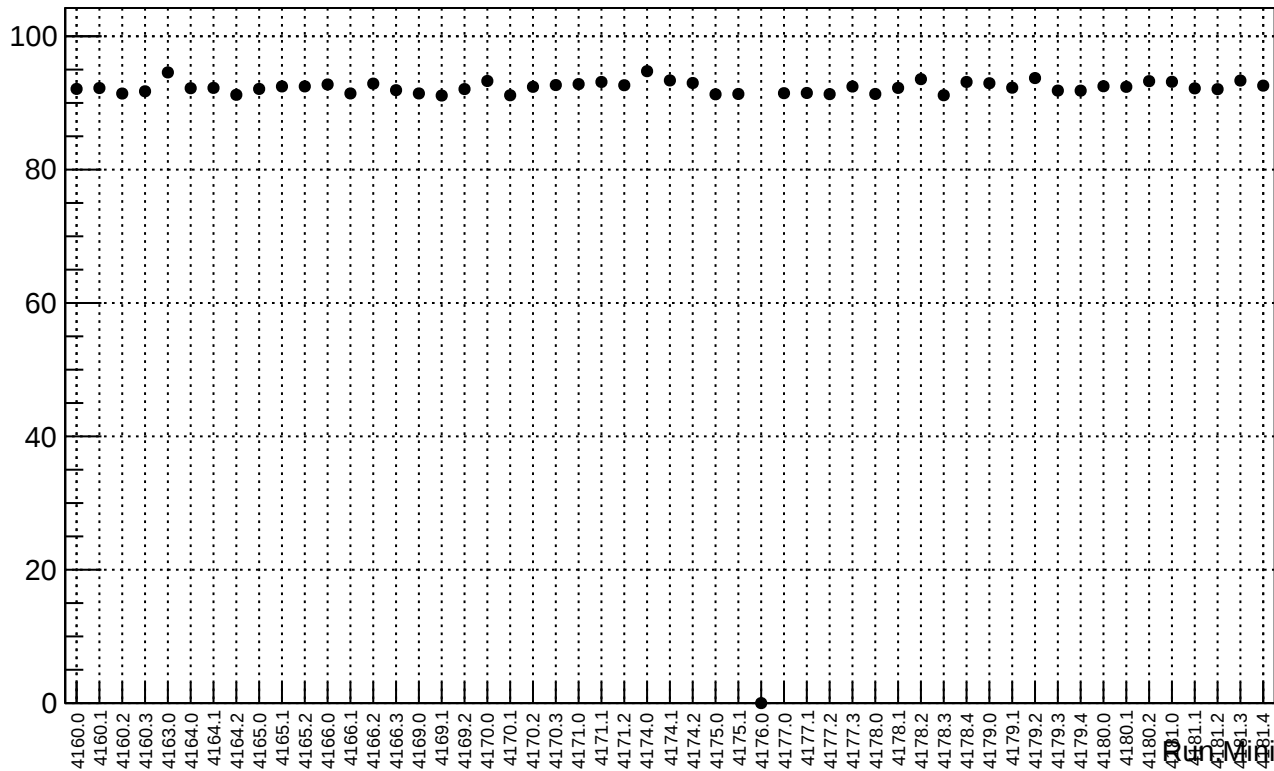
222.6 ± 128.7



reg_asym_us_dd.rms/ppm



reg_asym_us_dd.rms/ppm

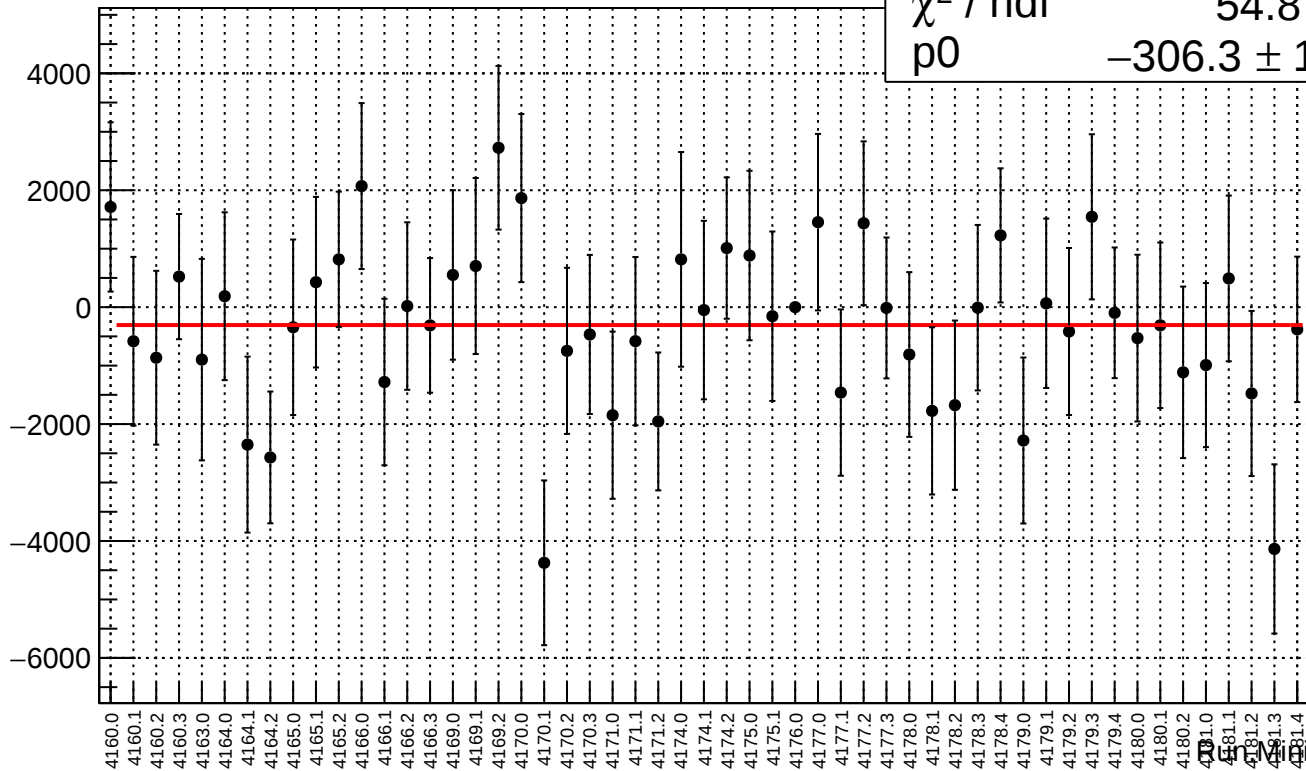


reg_asym_usl.mean/ppb

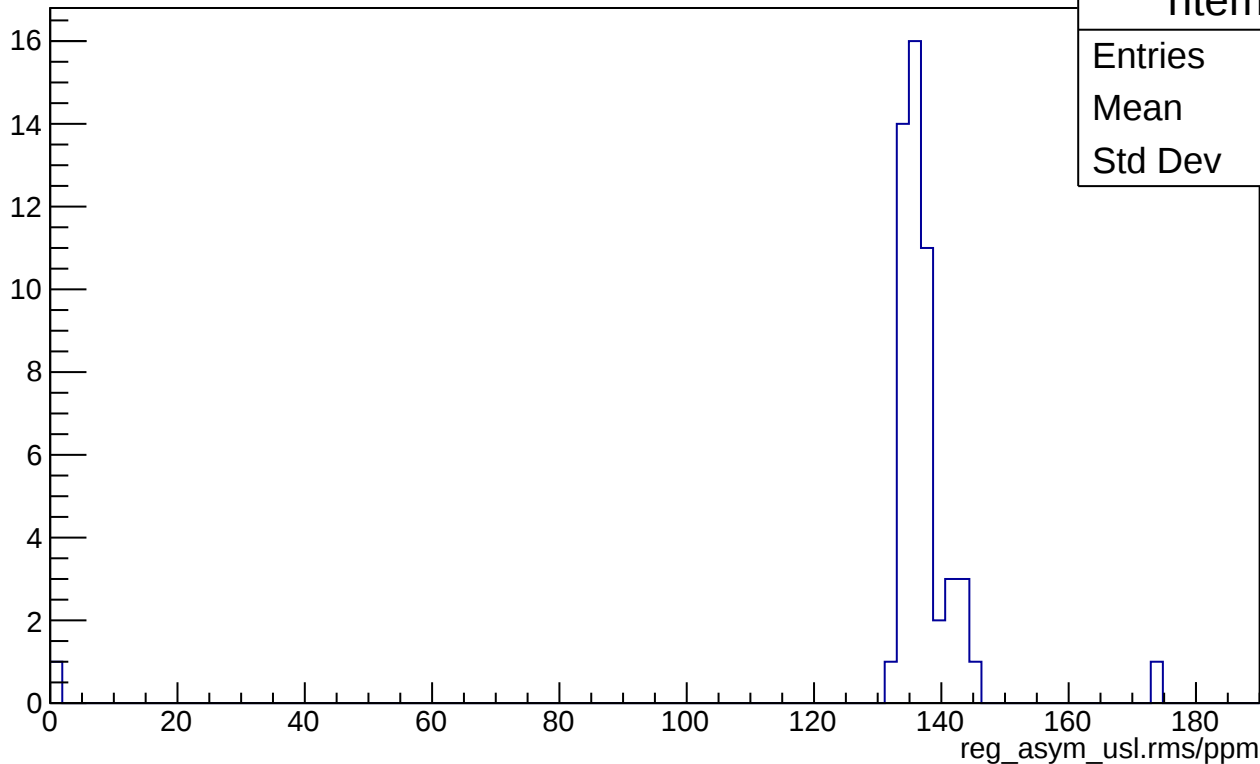
χ^2 / ndf
p0

54.87 / 51

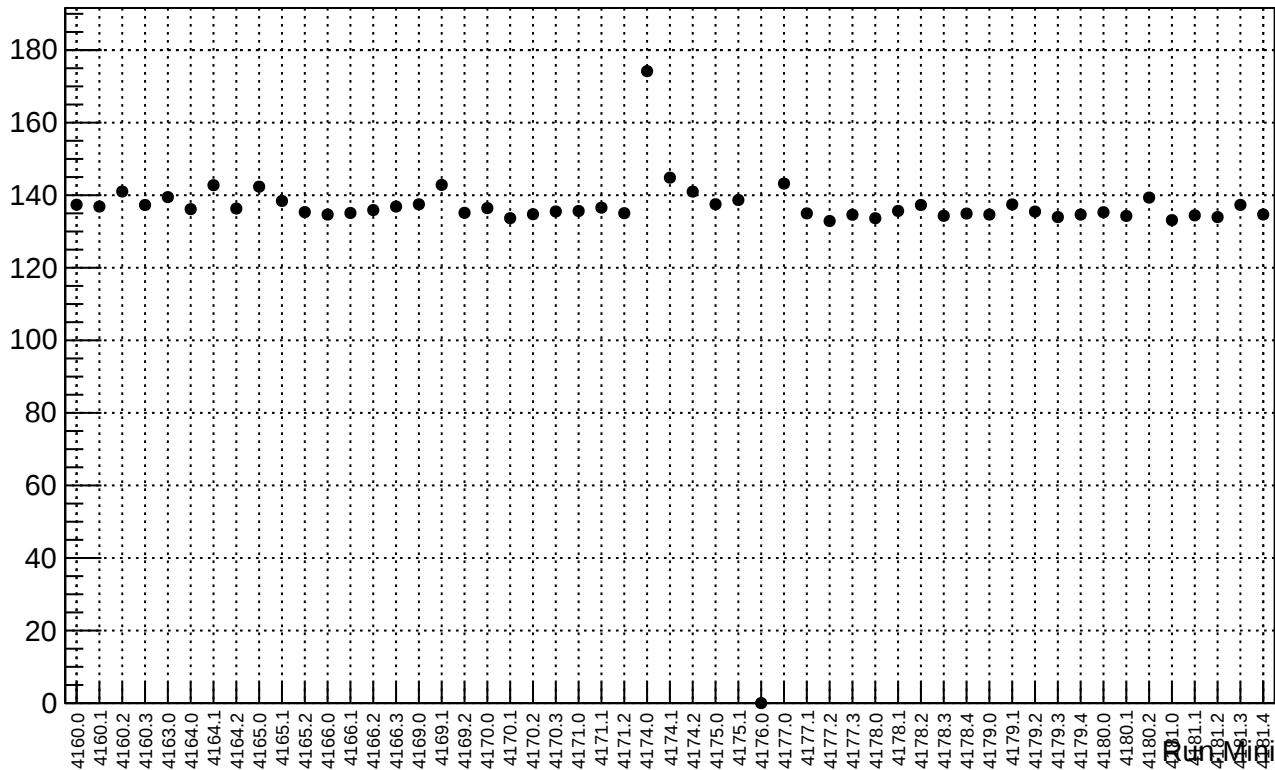
-306.3 ± 190.9



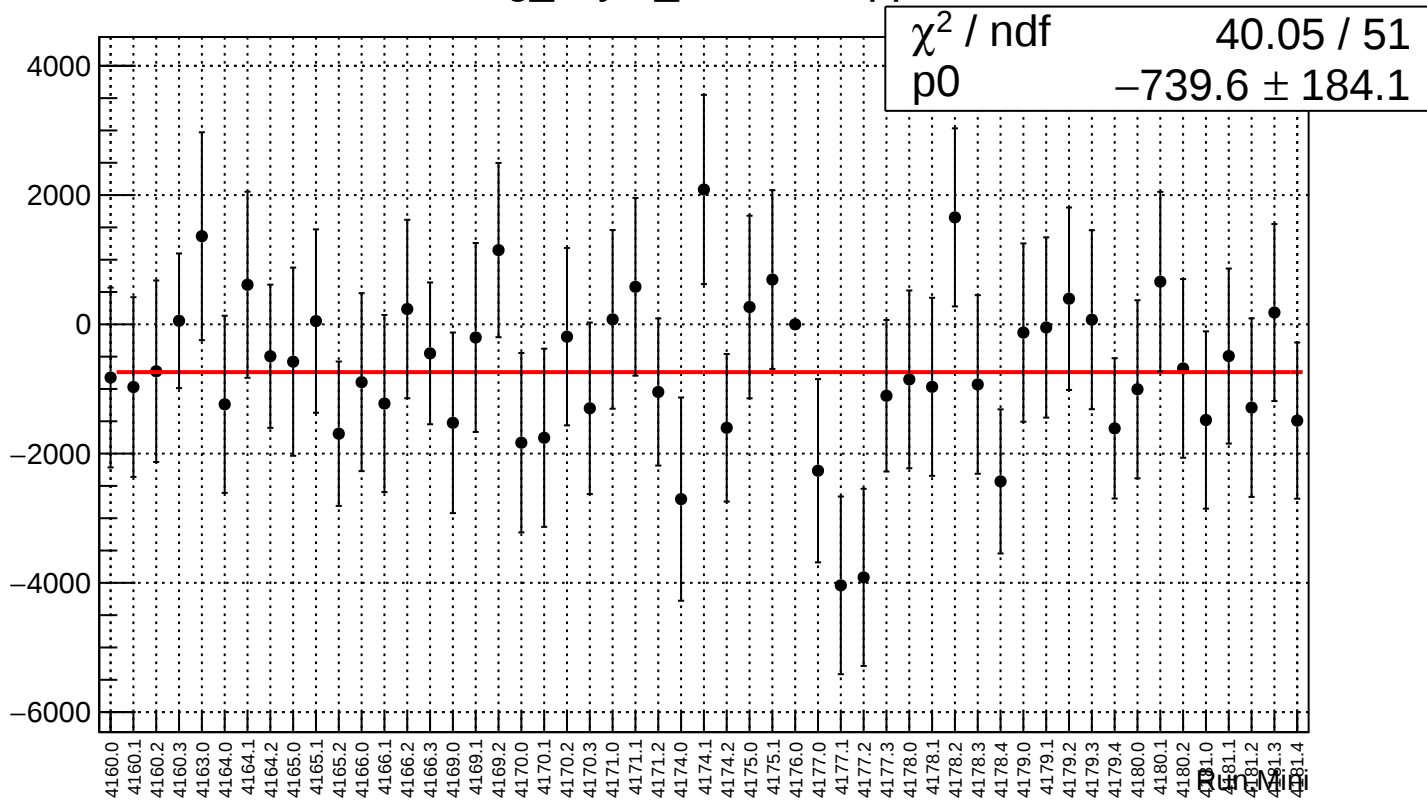
reg_asym_usl.rms/ppm



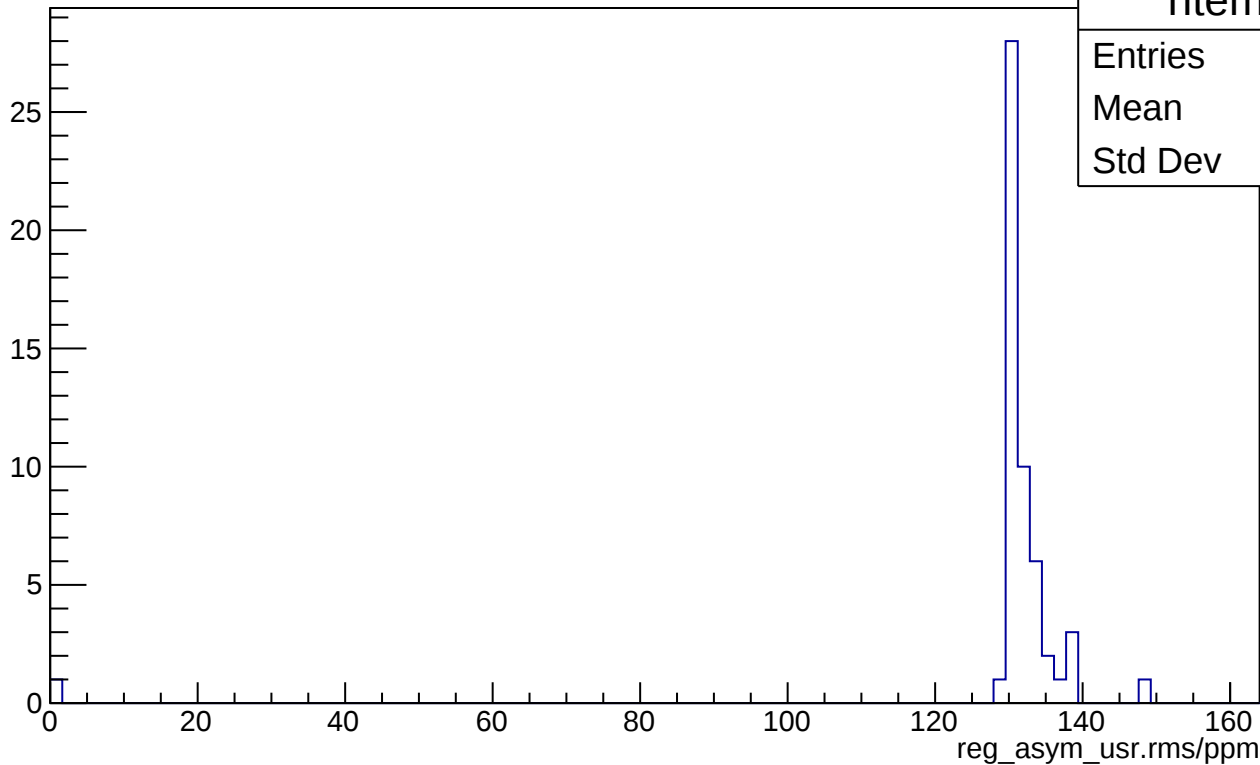
reg_asym_usl.rms/ppm



reg_asym_usr.mean/ppb



reg_asym_usr.rms/ppm



reg_asym_usr.rms/ppm

