

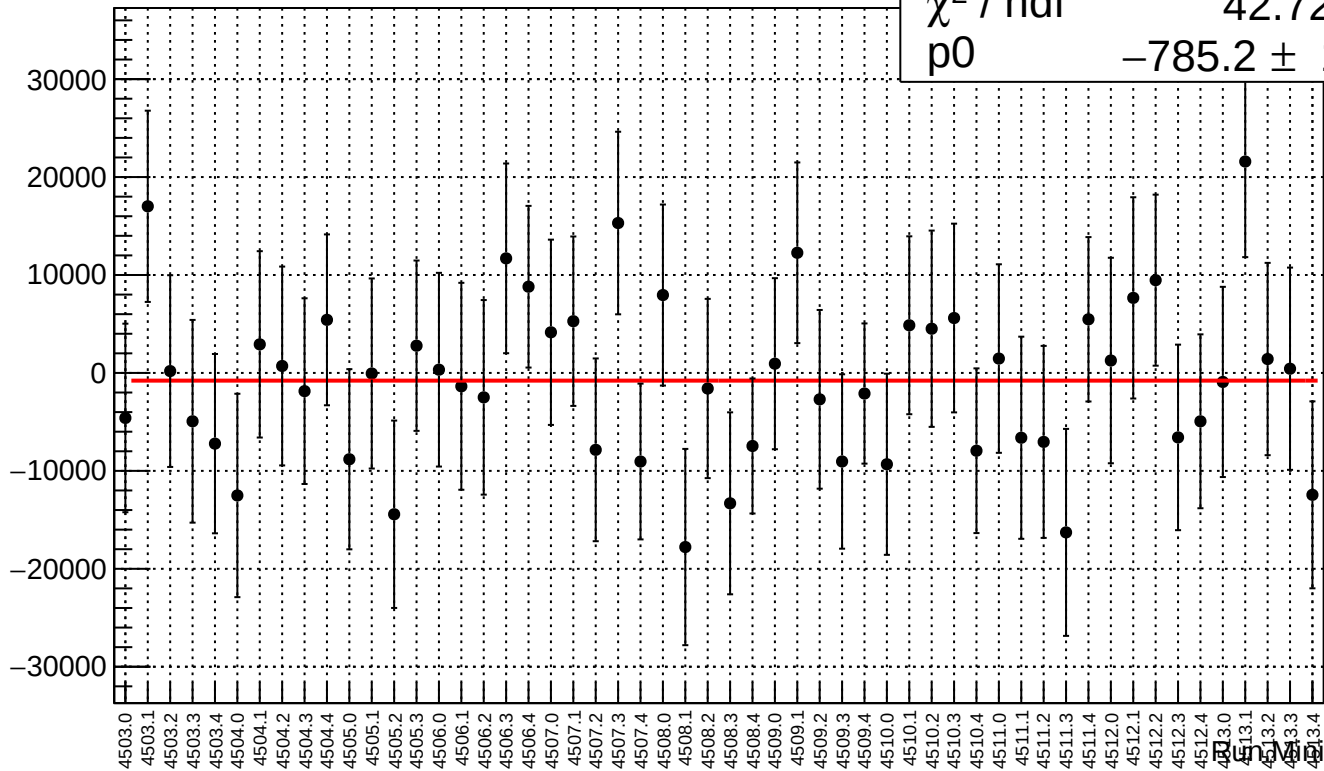
asym_at1_avg.mean/ppb

χ^2 / ndf

42.72 / 53

p0

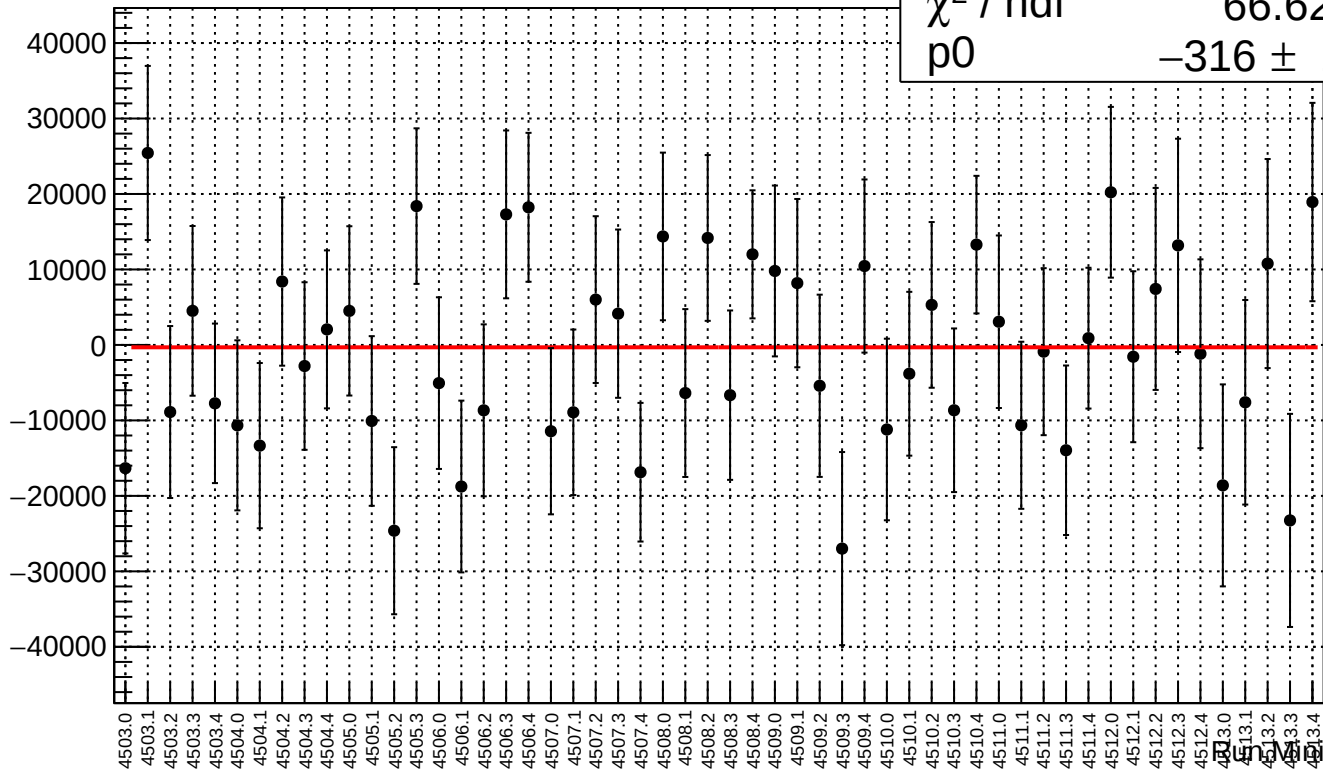
-785.2 ± 1263



asym_at1_dd.mean/ppb

χ^2 / ndf
p0

66.62 / 53
-316 ± 1523

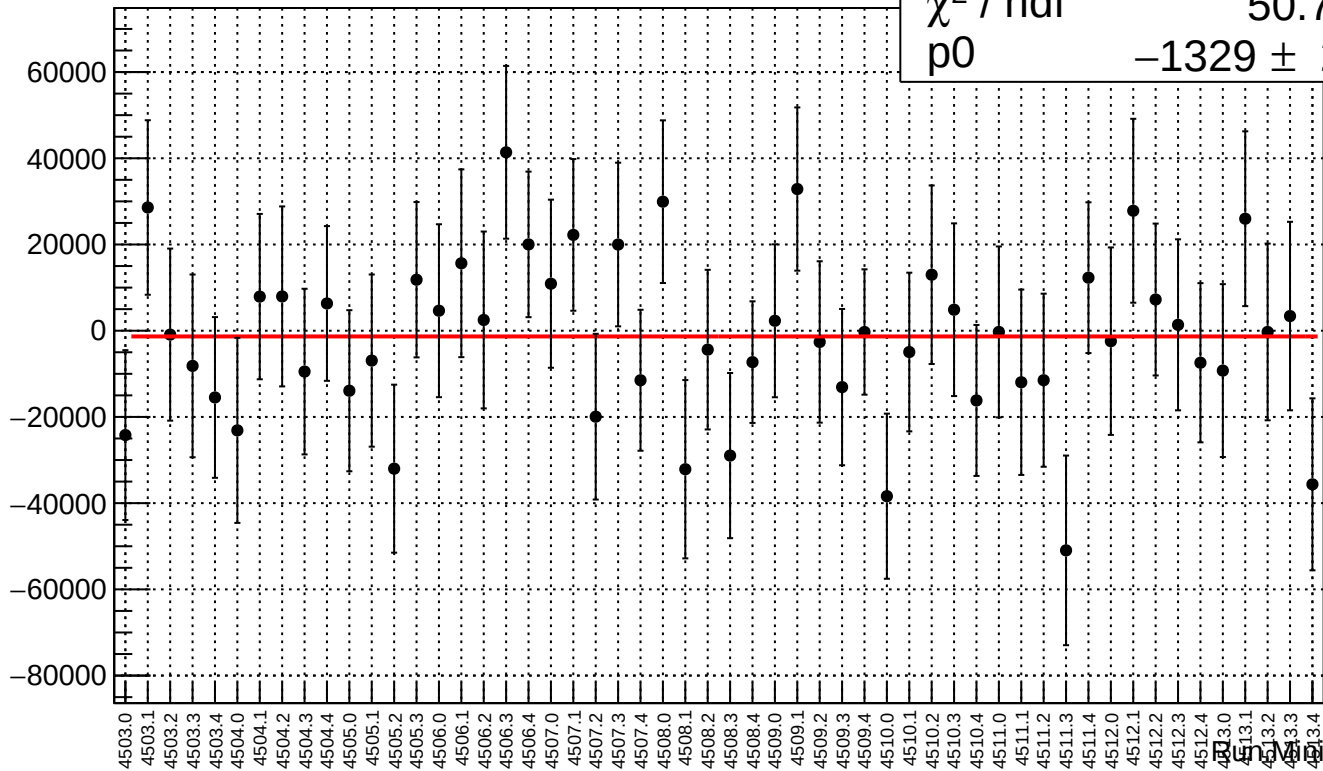


asym_at2_avg.mean/ppb

χ^2 / ndf
p0

50.7 / 53

-1329 ± 2596



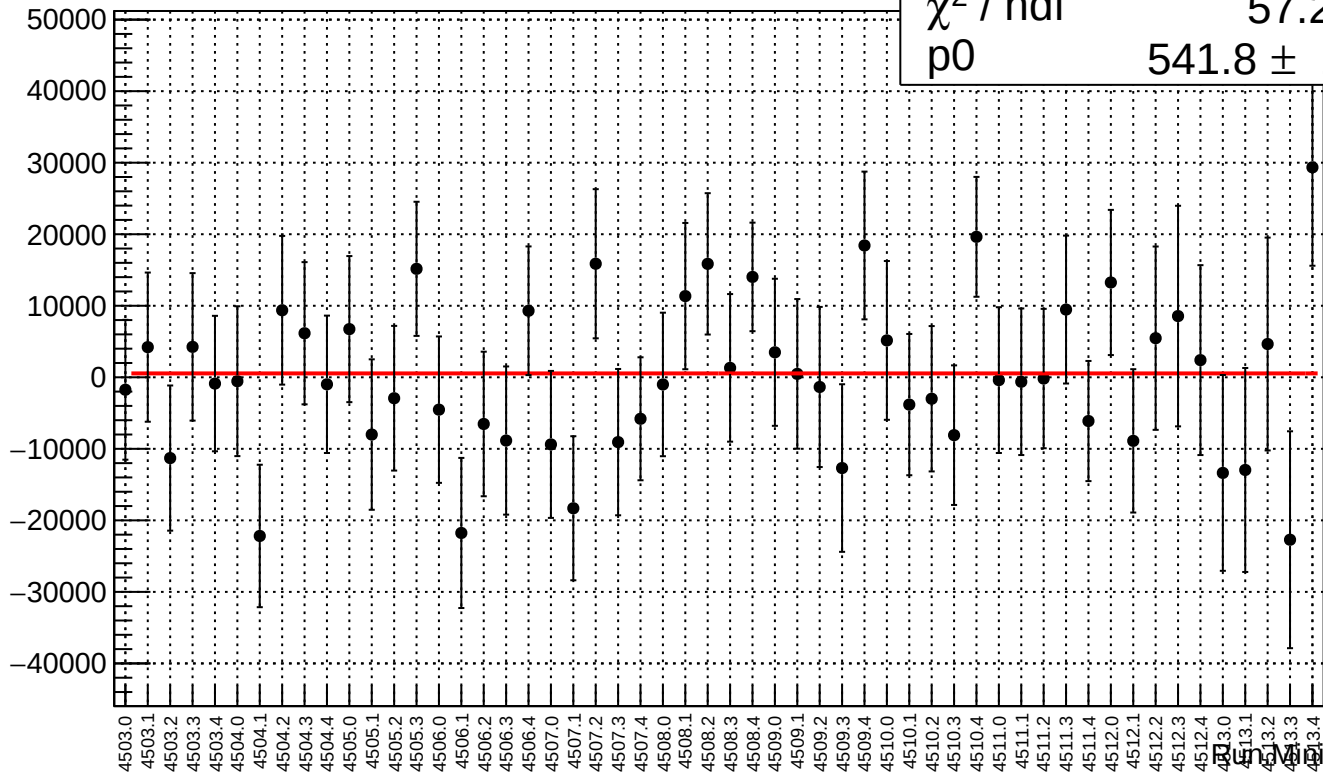
asym_at2_dd.mean/ppb

χ^2 / ndf

57.2 / 53

p0

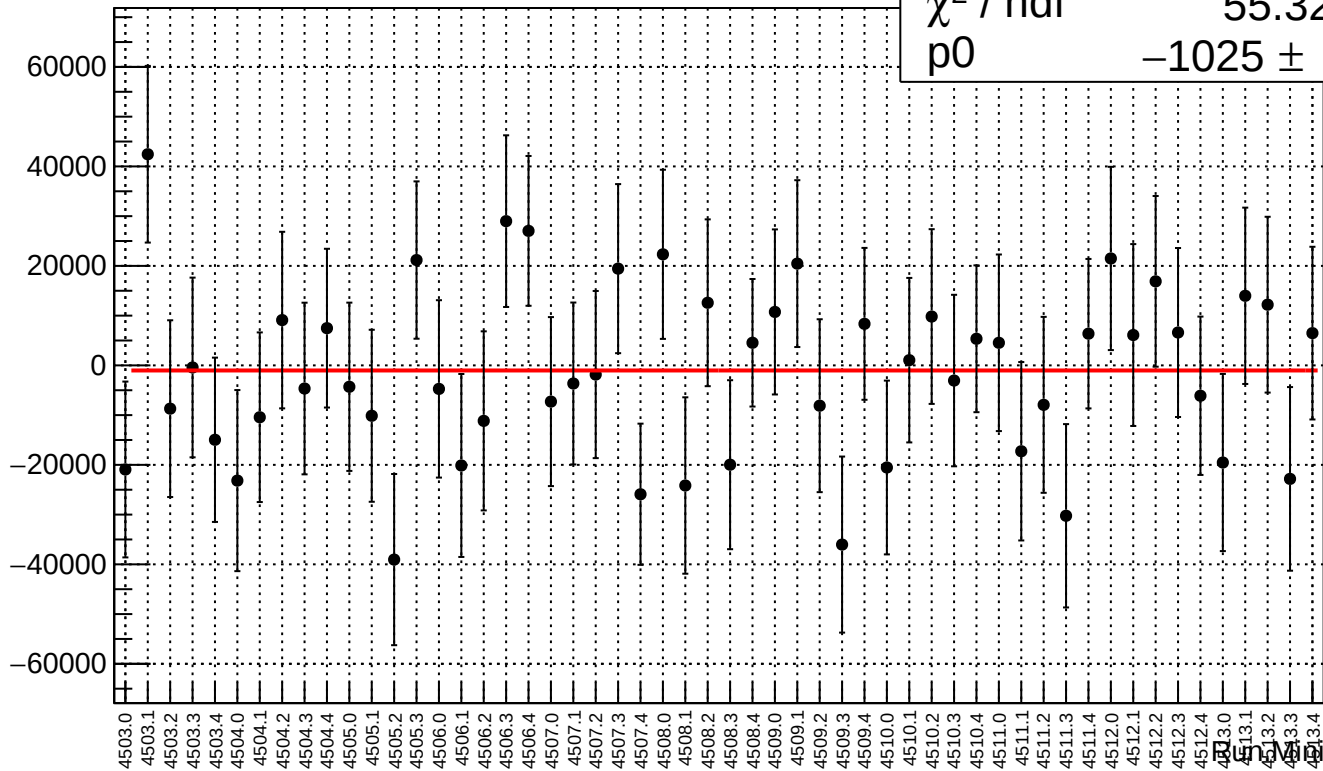
541.8 ± 1405



asym_atl1.mean/ppb

χ^2 / ndf
p0

55.32 / 53
 -1025 ± 2301

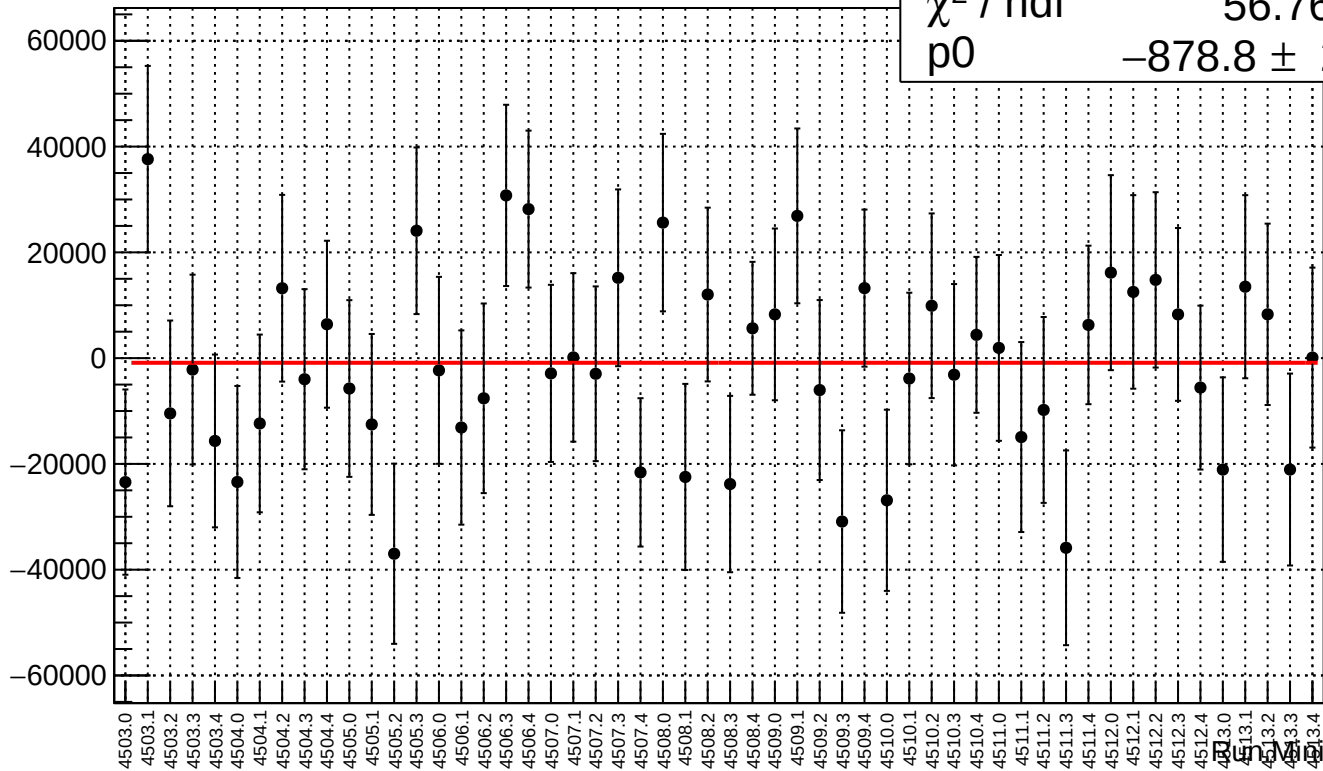


asym_atl1r2_avg.mean/ppb

χ^2 / ndf
p0

56.76 / 53

-878.8 ± 2270



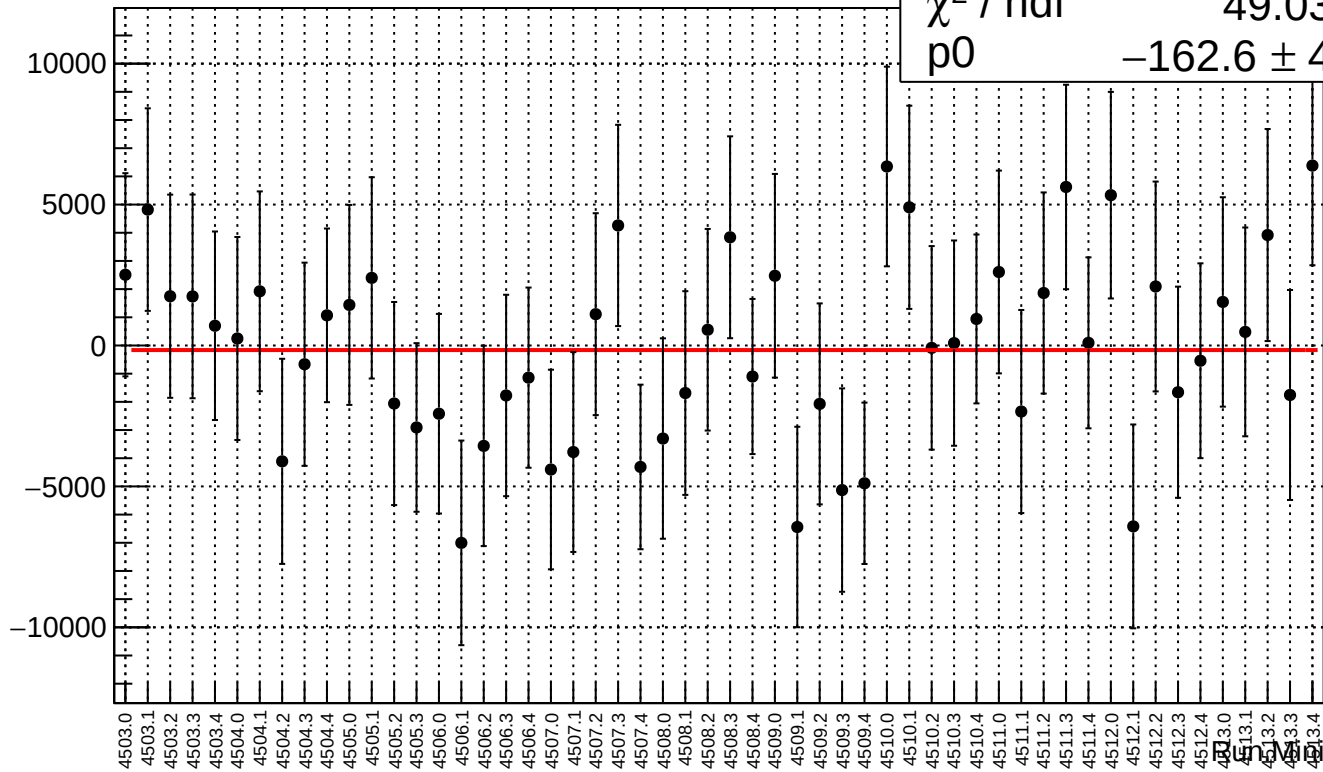
asym_atl1r2_dd.mean/ppb

χ^2 / ndf

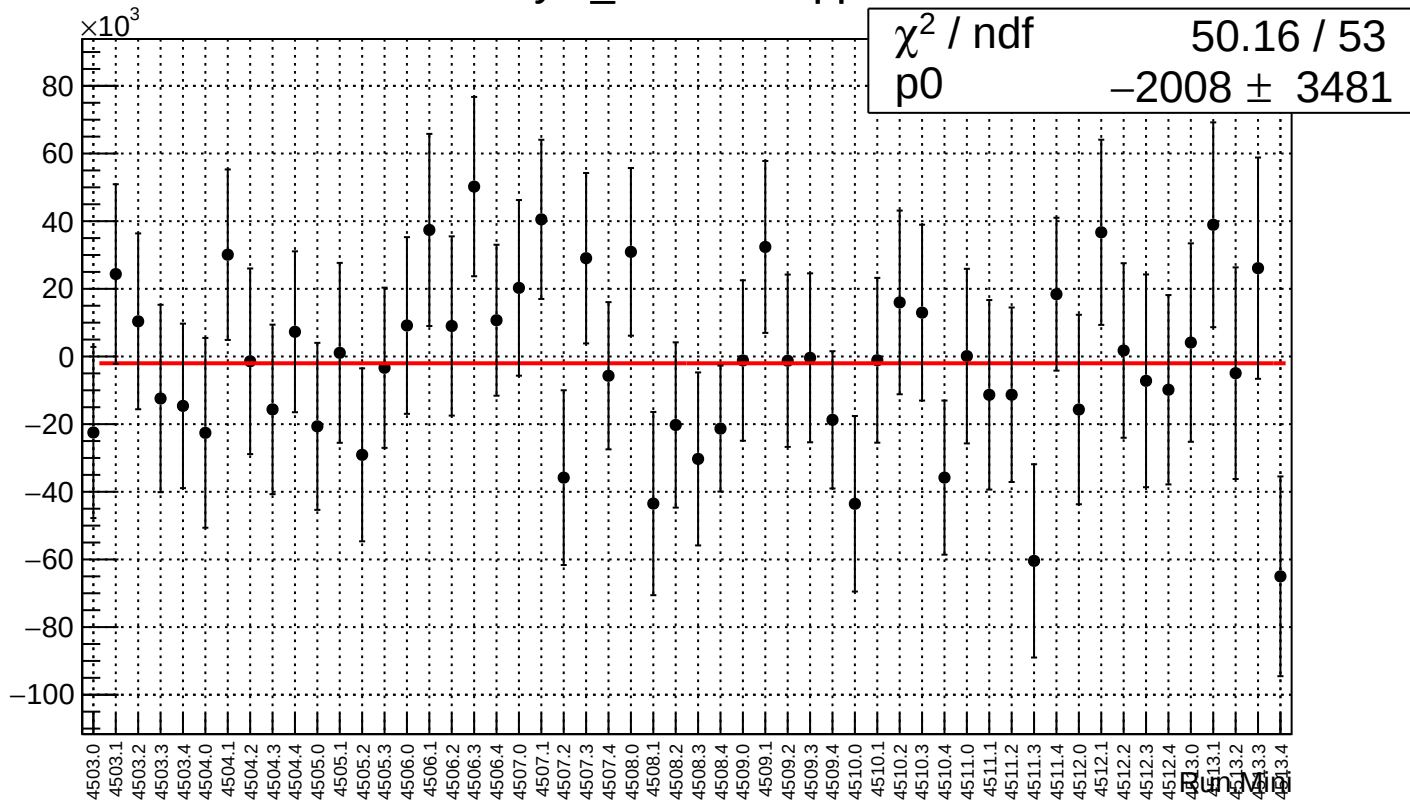
49.03 / 53

p0

-162.6 ± 473.3



asym_atl2.mean/ppb

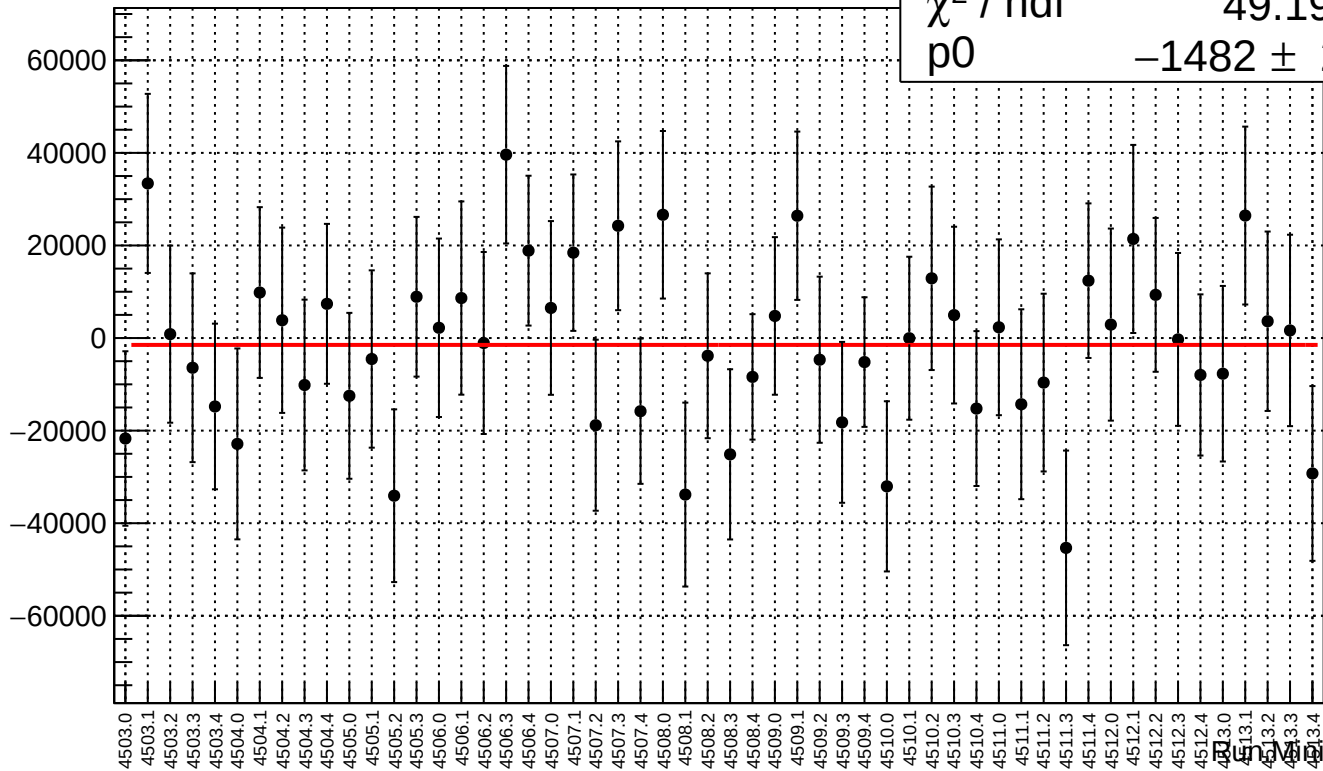


asym_atl_avg.mean/ppb

χ^2 / ndf
p0

49.19 / 53

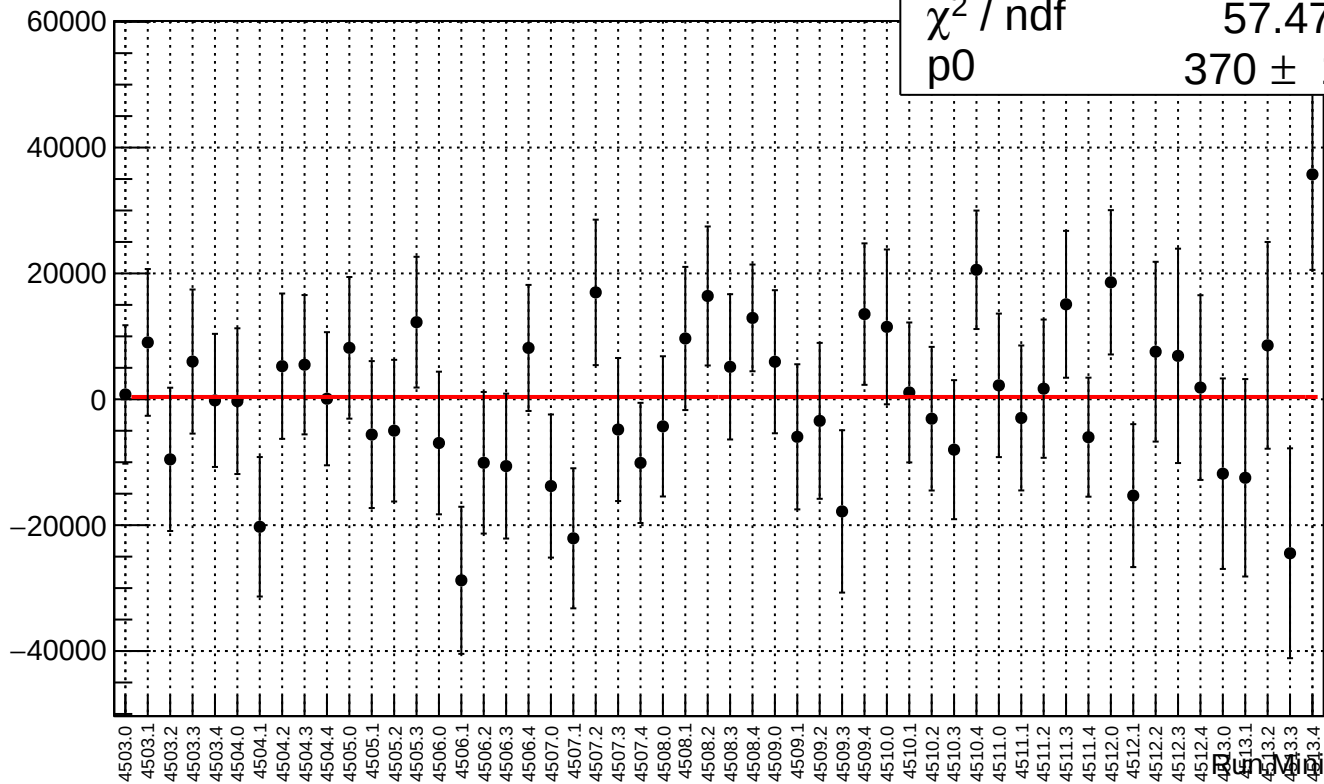
-1482 ± 2484



asym_atl_dd.mean/ppb

χ^2 / ndf
p0

57.47 / 53
 370 ± 1565

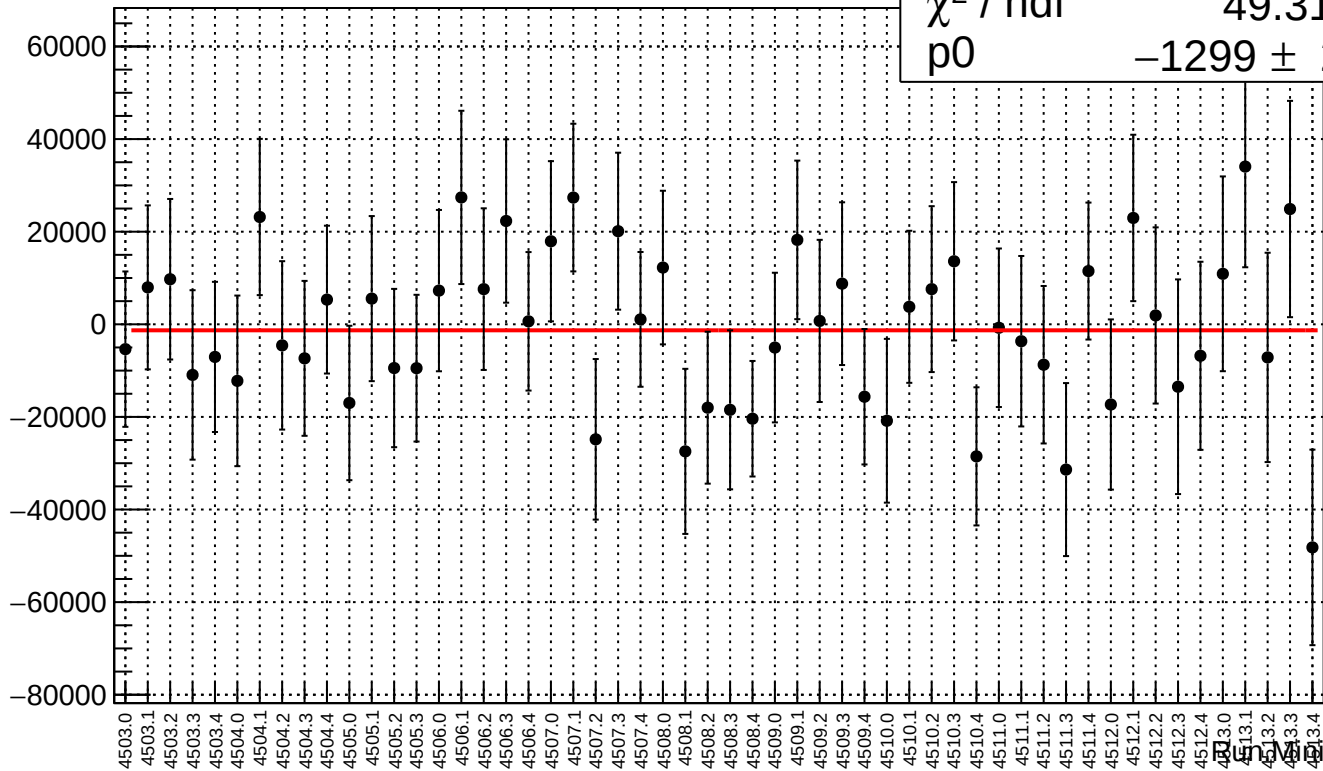


asym_atr1l2_avg.mean/ppb

χ^2 / ndf
p0

49.31 / 53

-1299 ± 2348



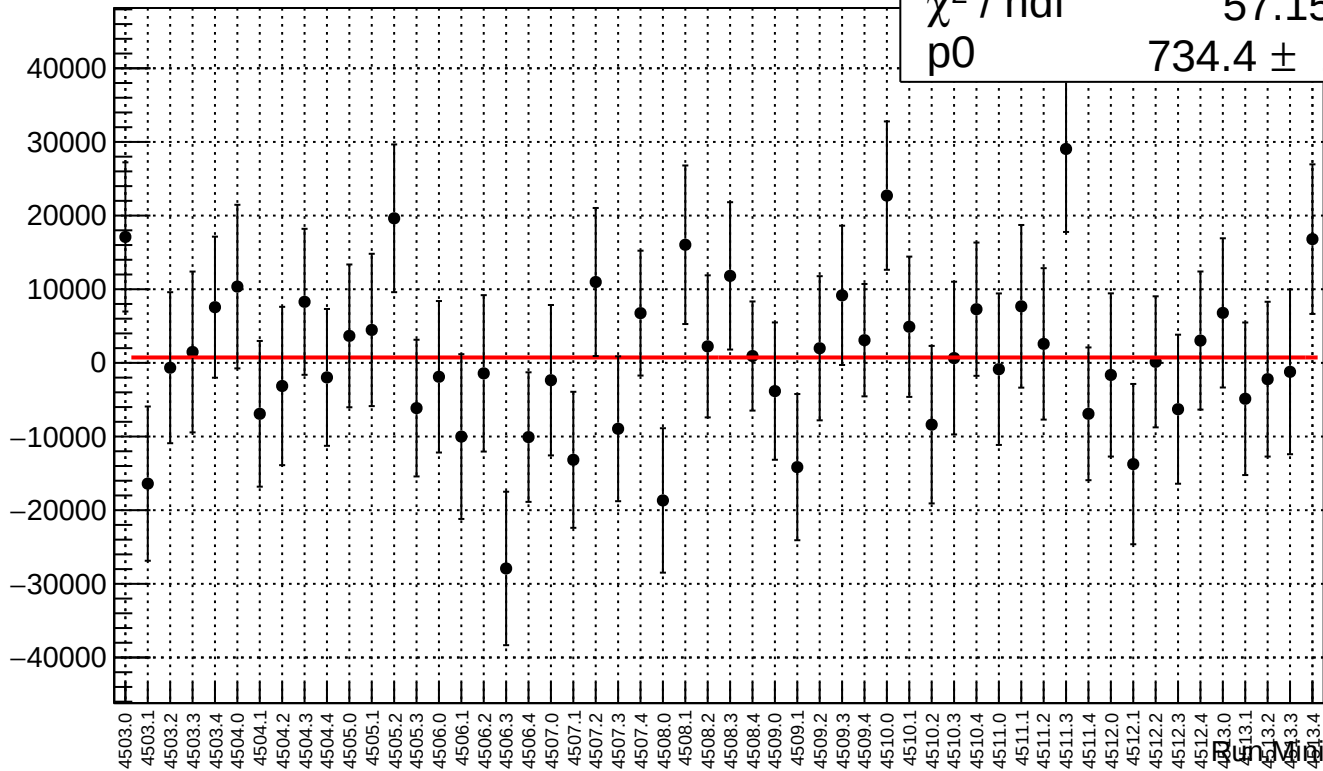
asym_atr1l2_dd.mean/ppb

χ^2 / ndf

57.15 / 53

p0

734.4 ± 1342



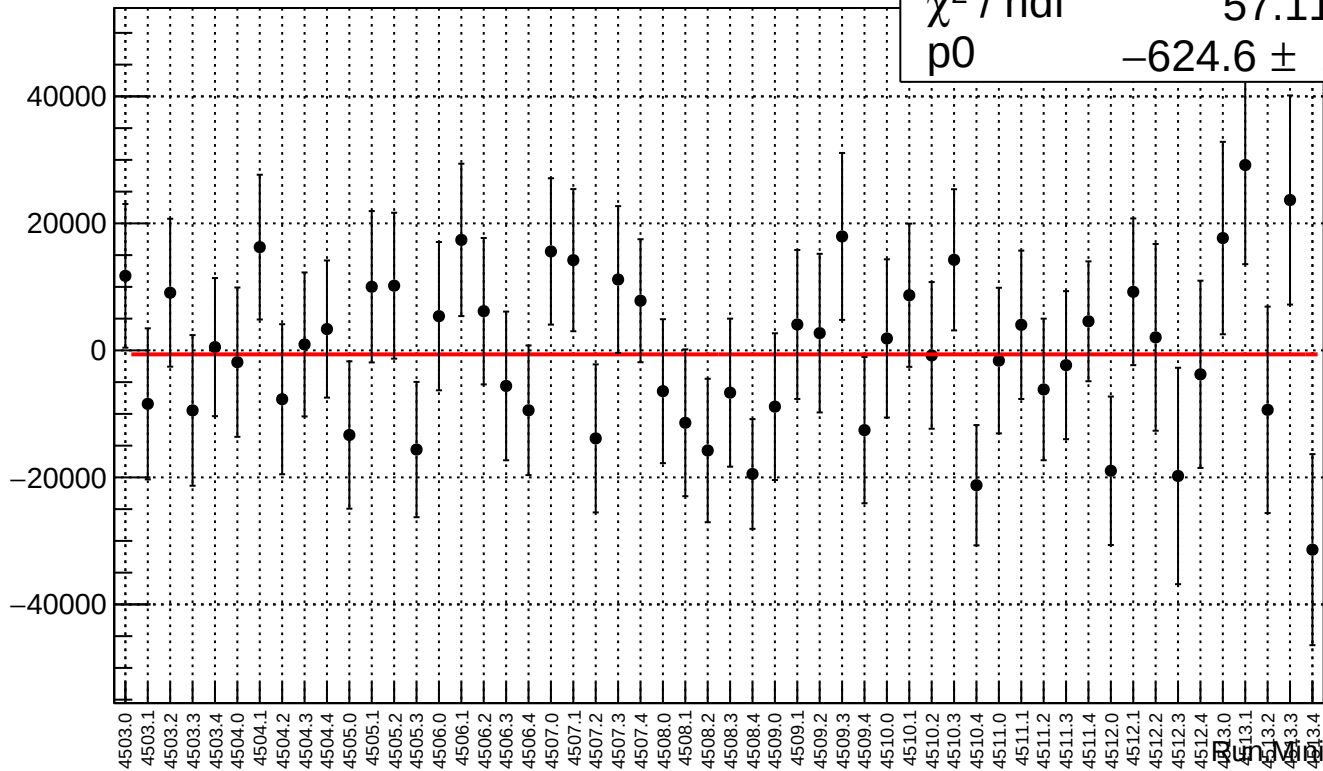
asym_atr1.mean/ppb

χ^2 / ndf

57.11 / 53

p0

-624.6 ± 1590



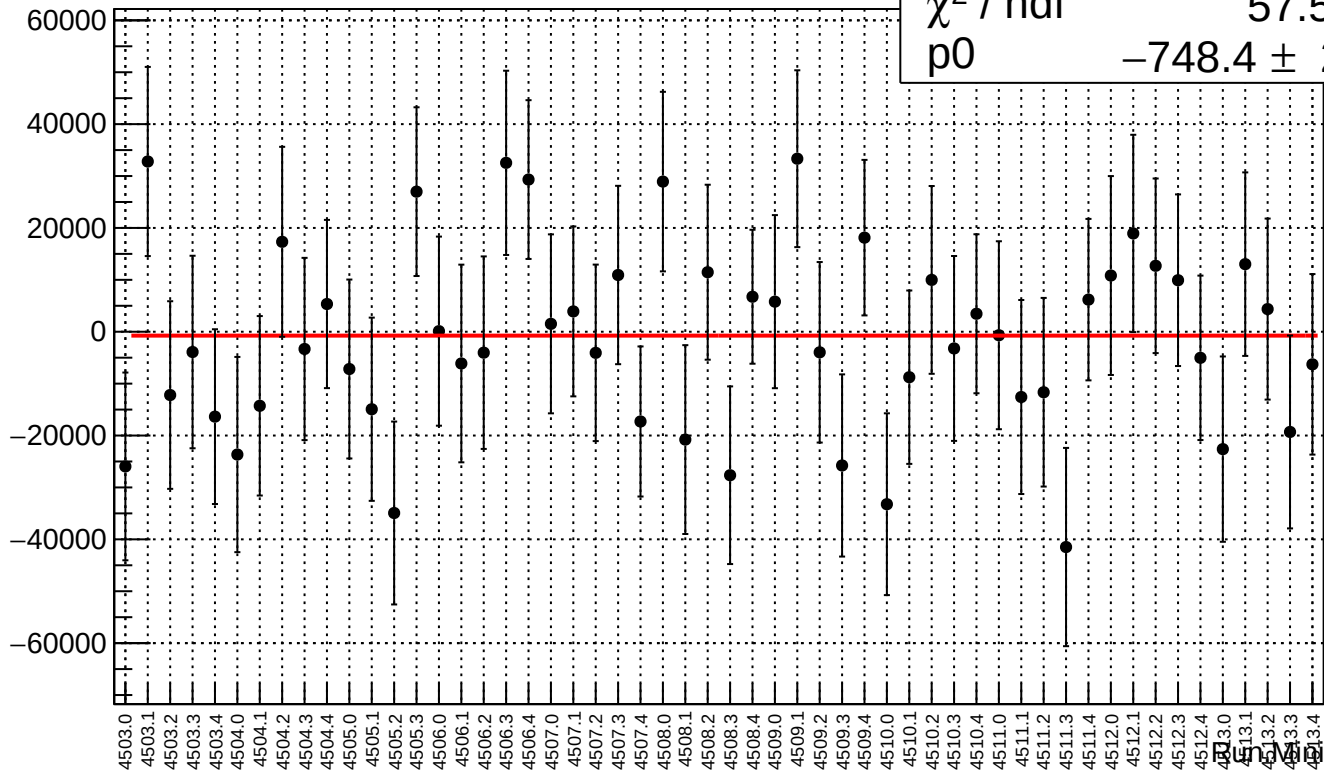
asym_atr2.mean/ppb

χ^2 / ndf

57.5 / 53

p0

-748.4 ± 2336



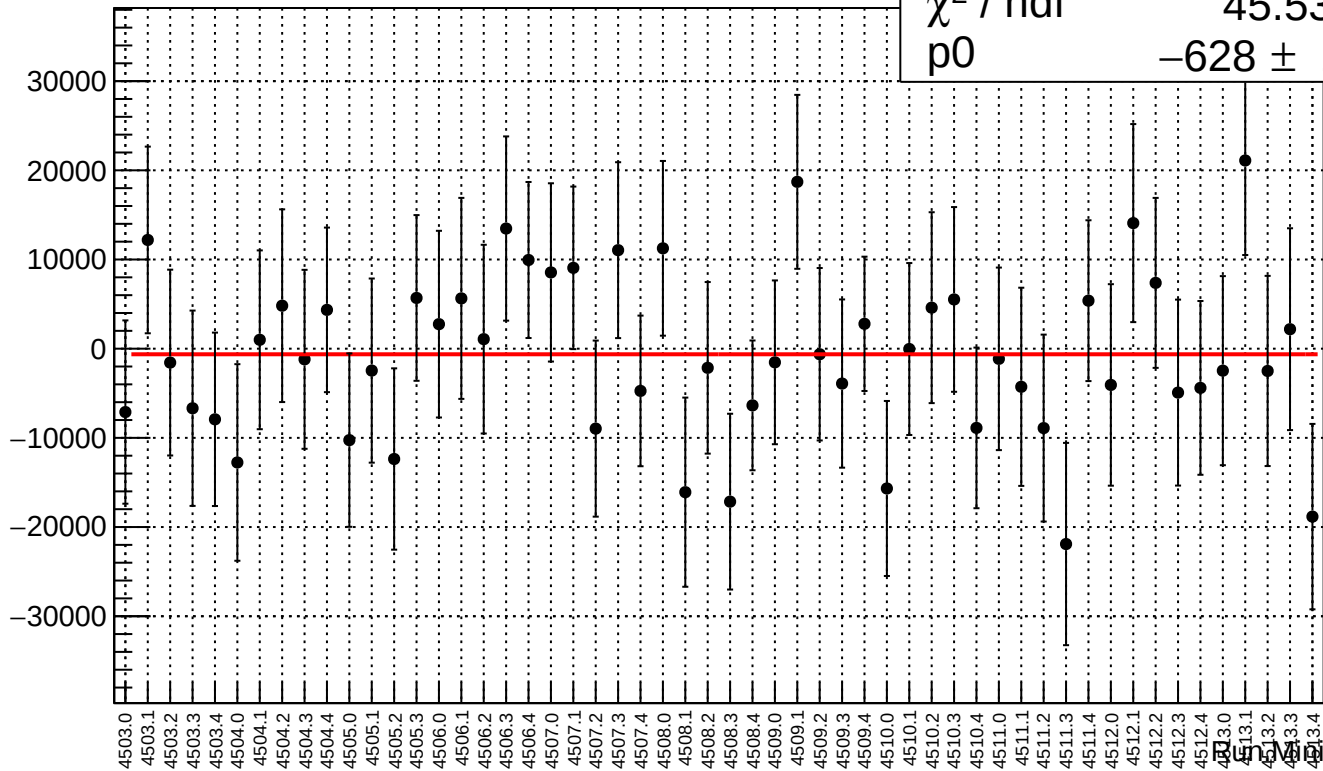
asym_atr_avg.mean/ppb

χ^2 / ndf

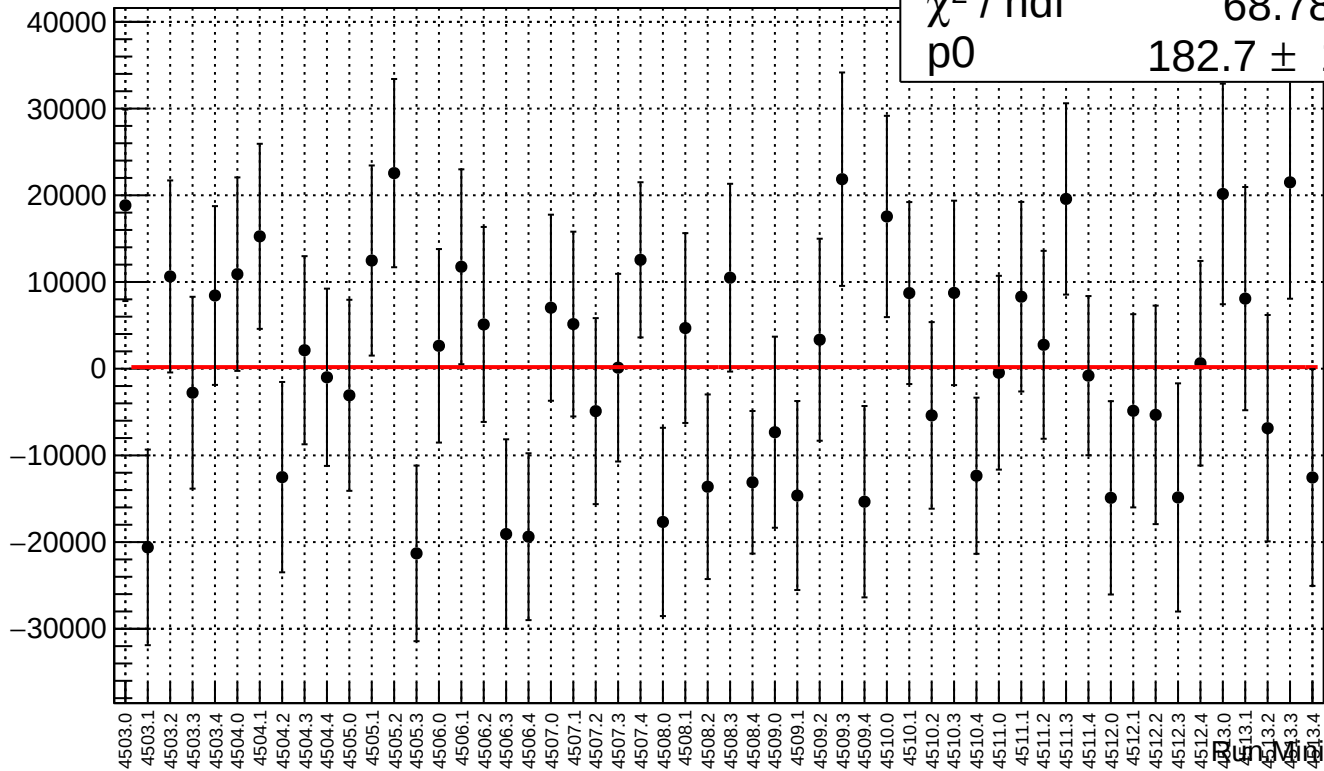
45.53 / 53

p0

-628 ± 1347



χ^2 / ndf	68.78 / 53
p0	182.7 ± 1483



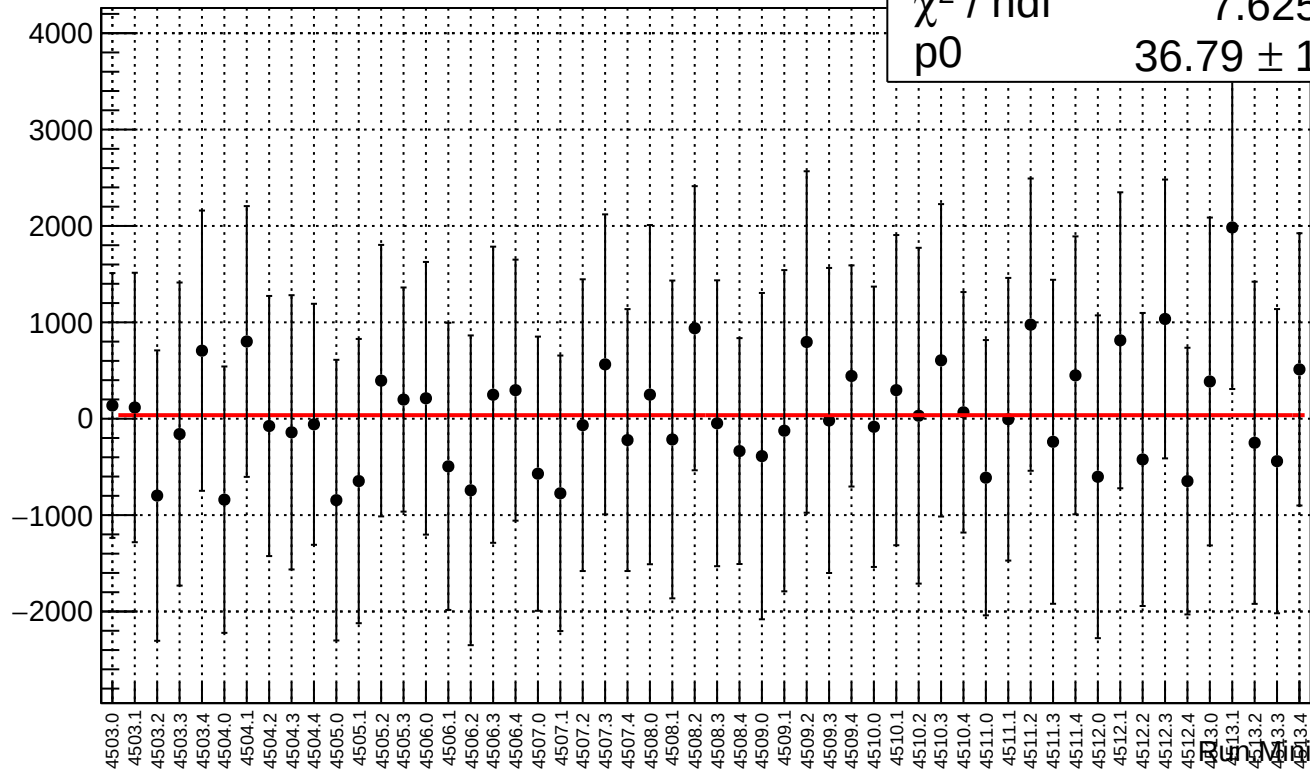
asym_bcm_an_ds3.mean/ppb

χ^2 / ndf

7.625 / 53

p0

36.79 ± 199.7

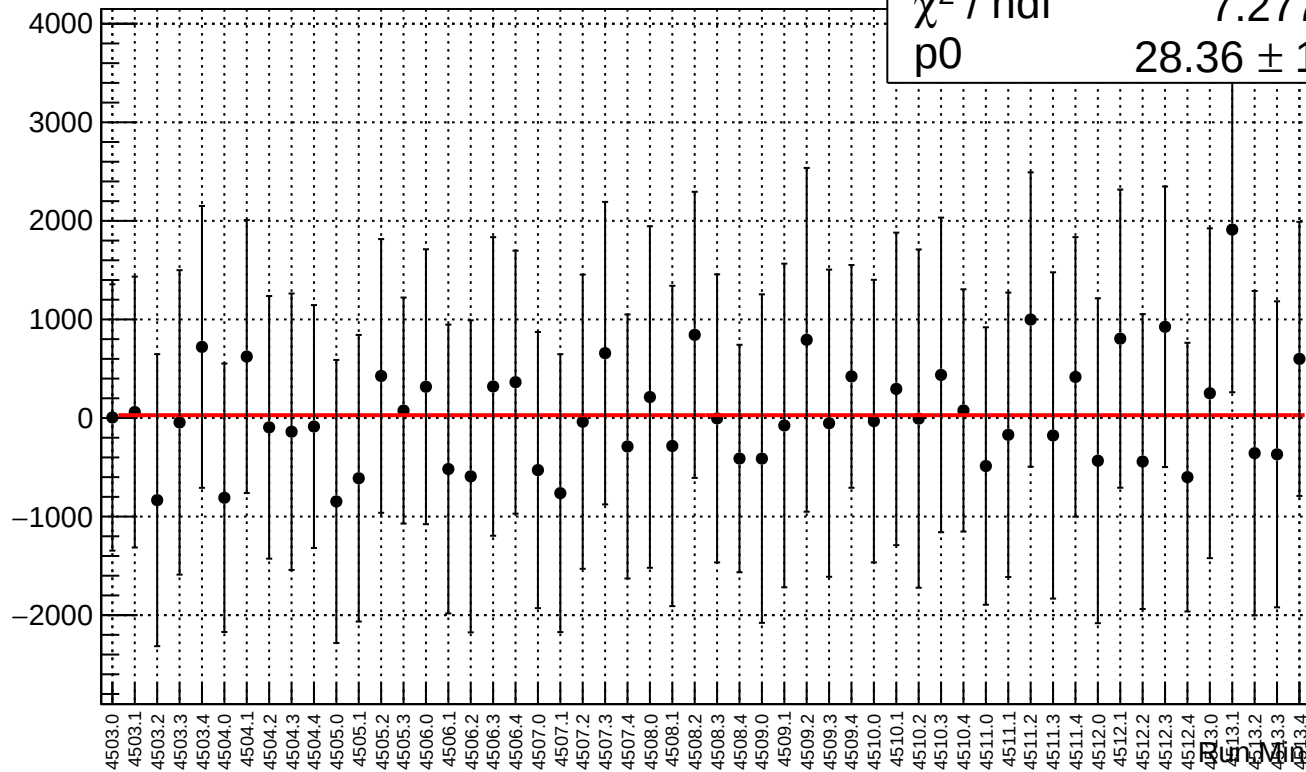


asym_bcm_an_ds.mean/ppb

χ^2 / ndf
p0

7.277 / 53

28.36 ± 196.7



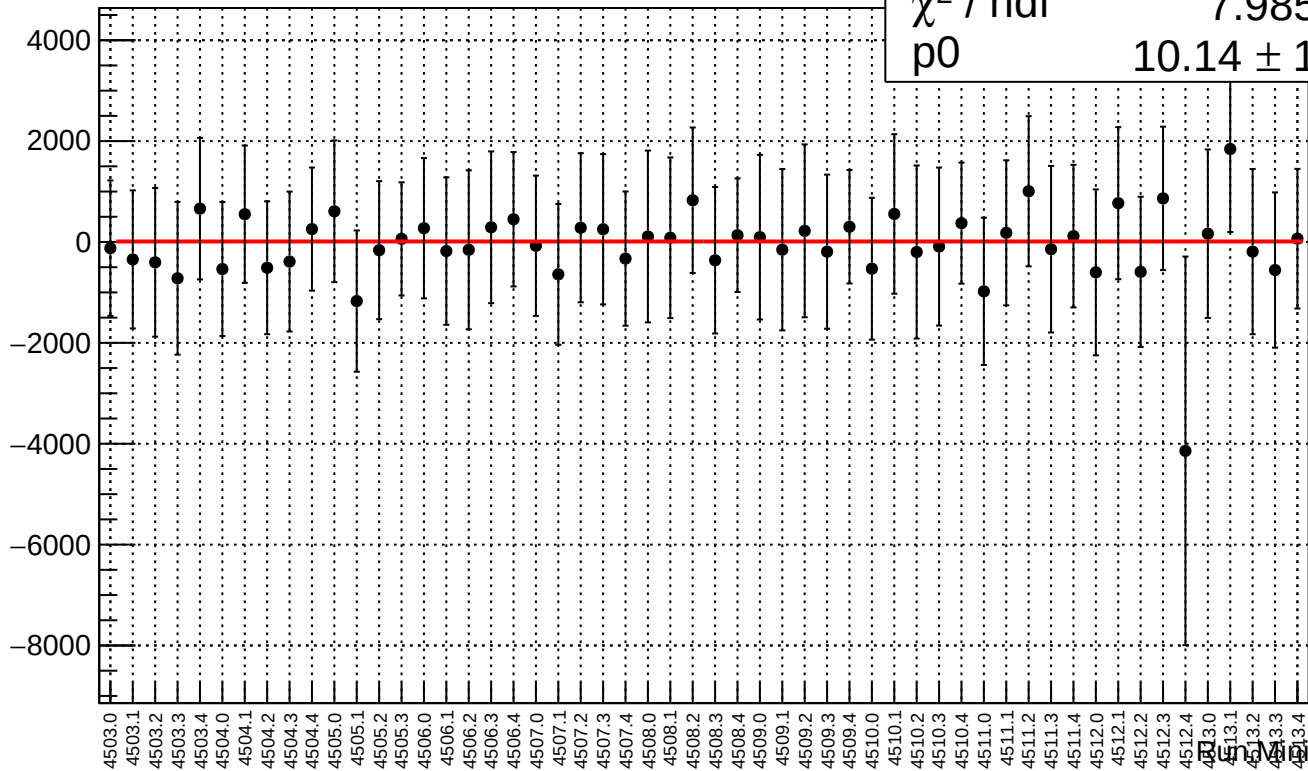
asym_bcm_an_us.mean/ppb

χ^2 / ndf

7.985 / 53

p0

10.14 ± 196.5



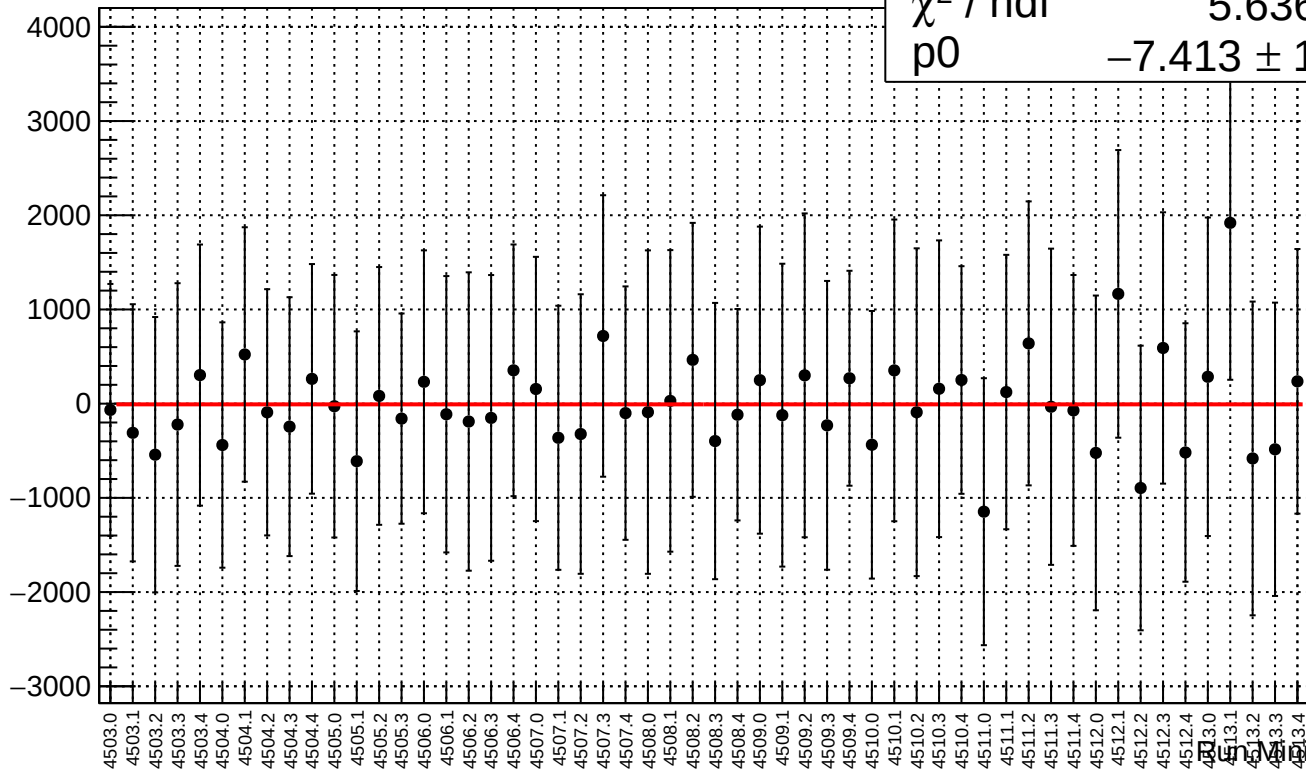
asym_bcm_dg_ds.mean/ppb

χ^2 / ndf

5.636 / 53

p0

-7.413 ± 195.3

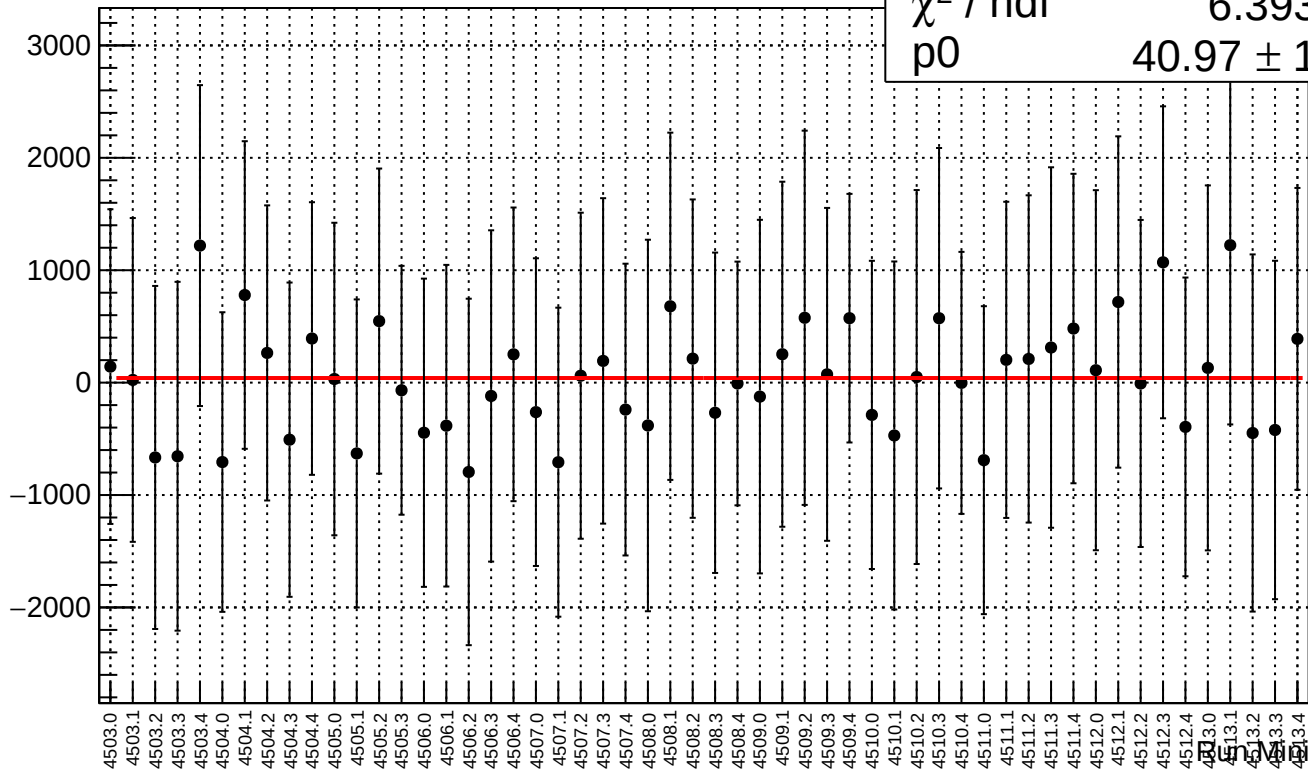


asym_bcm_dg_us.mean/ppb

χ^2 / ndf
p0

6.393 / 53

40.97 ± 191.5



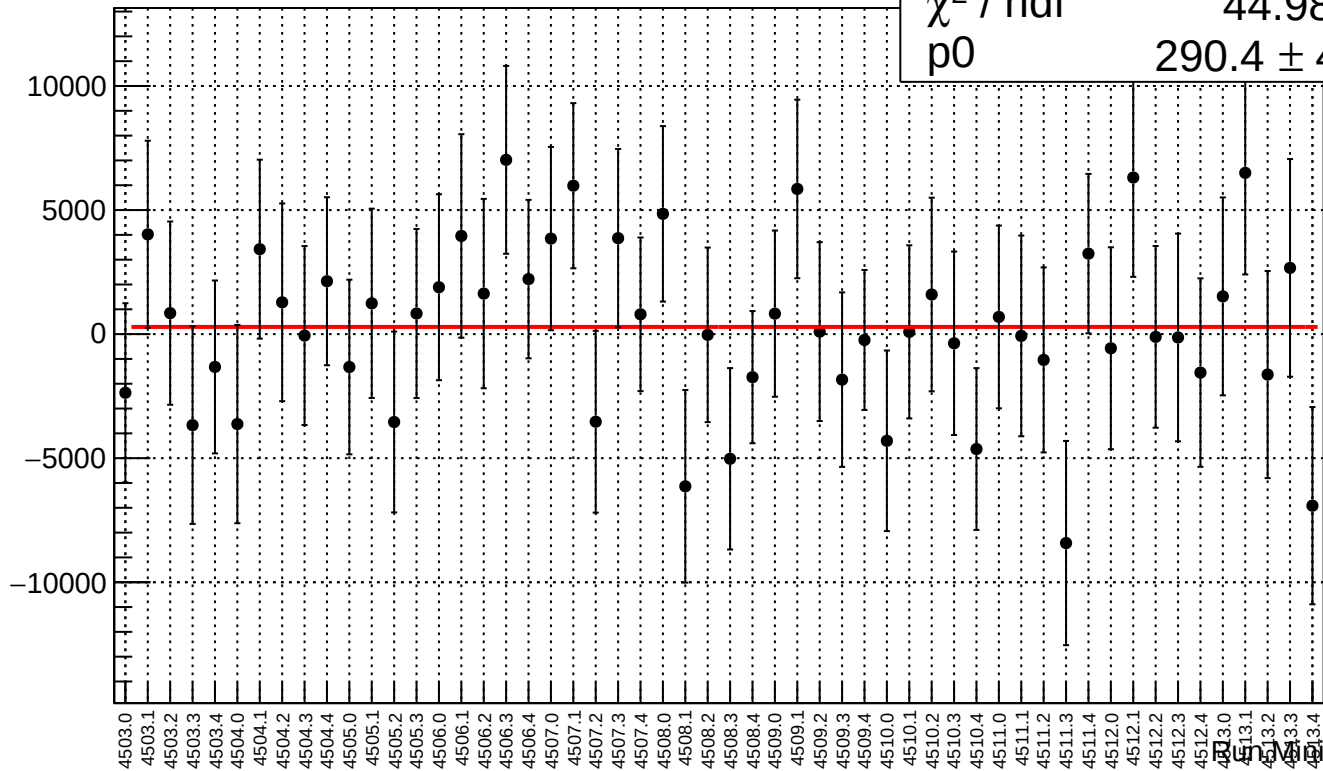
asym_ds_avg.mean/ppb

χ^2 / ndf

44.98 / 53

p0

290.4 ± 494.1

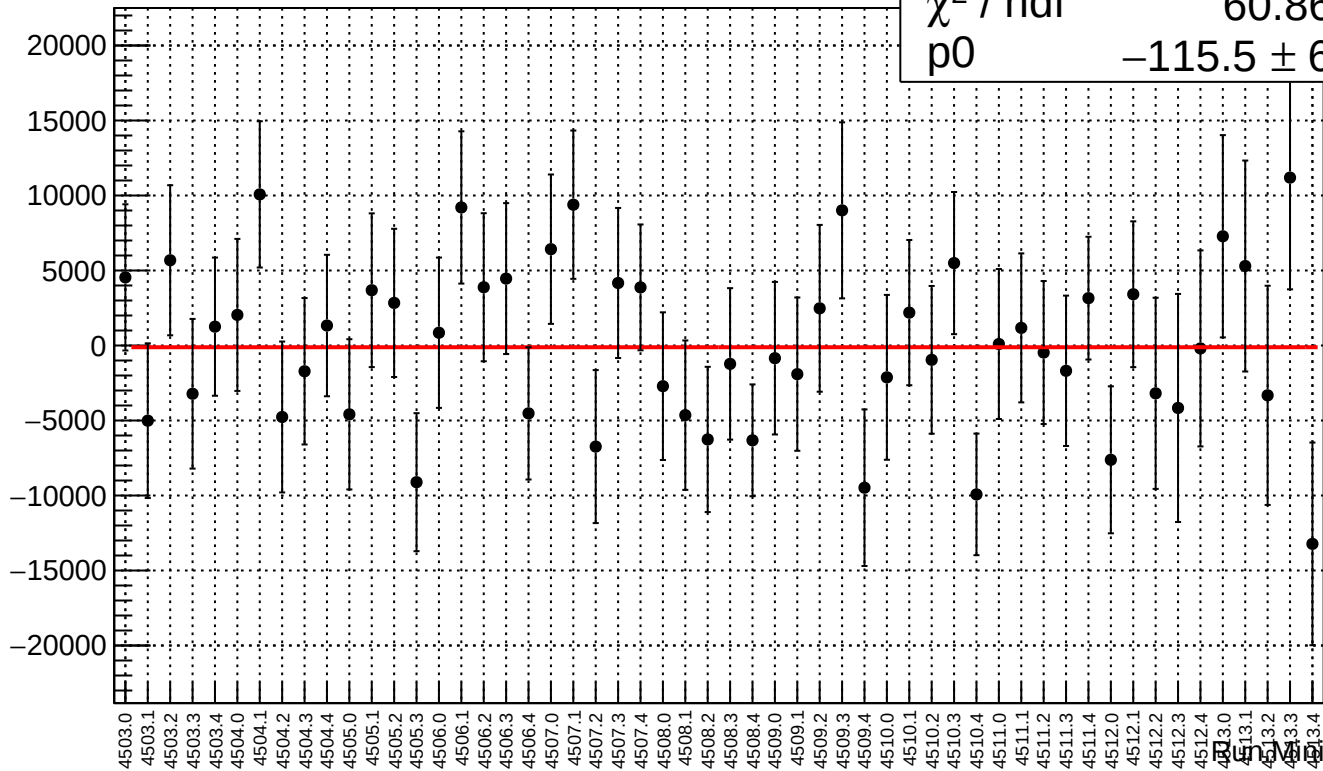


asym_ds_dd.mean/ppb

χ^2 / ndf
p0

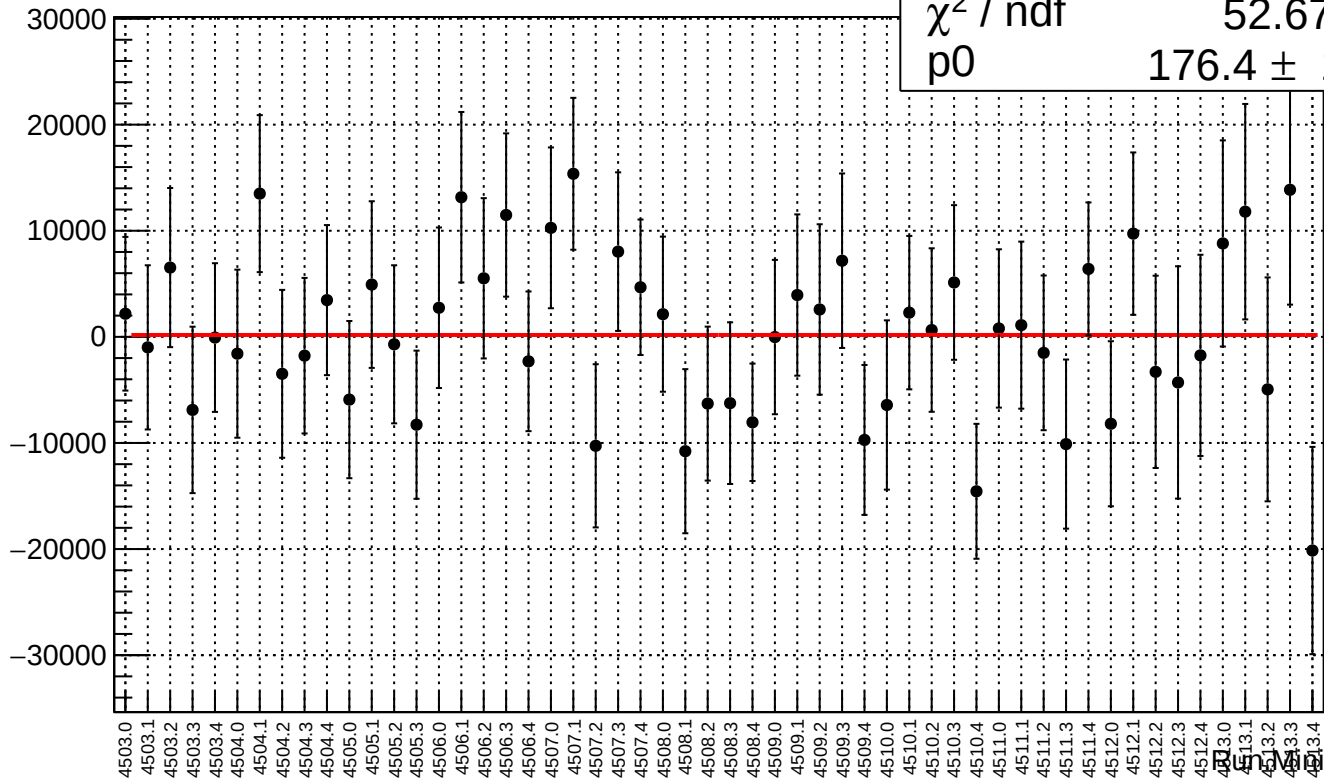
60.86 / 53

-115.5 ± 687.6



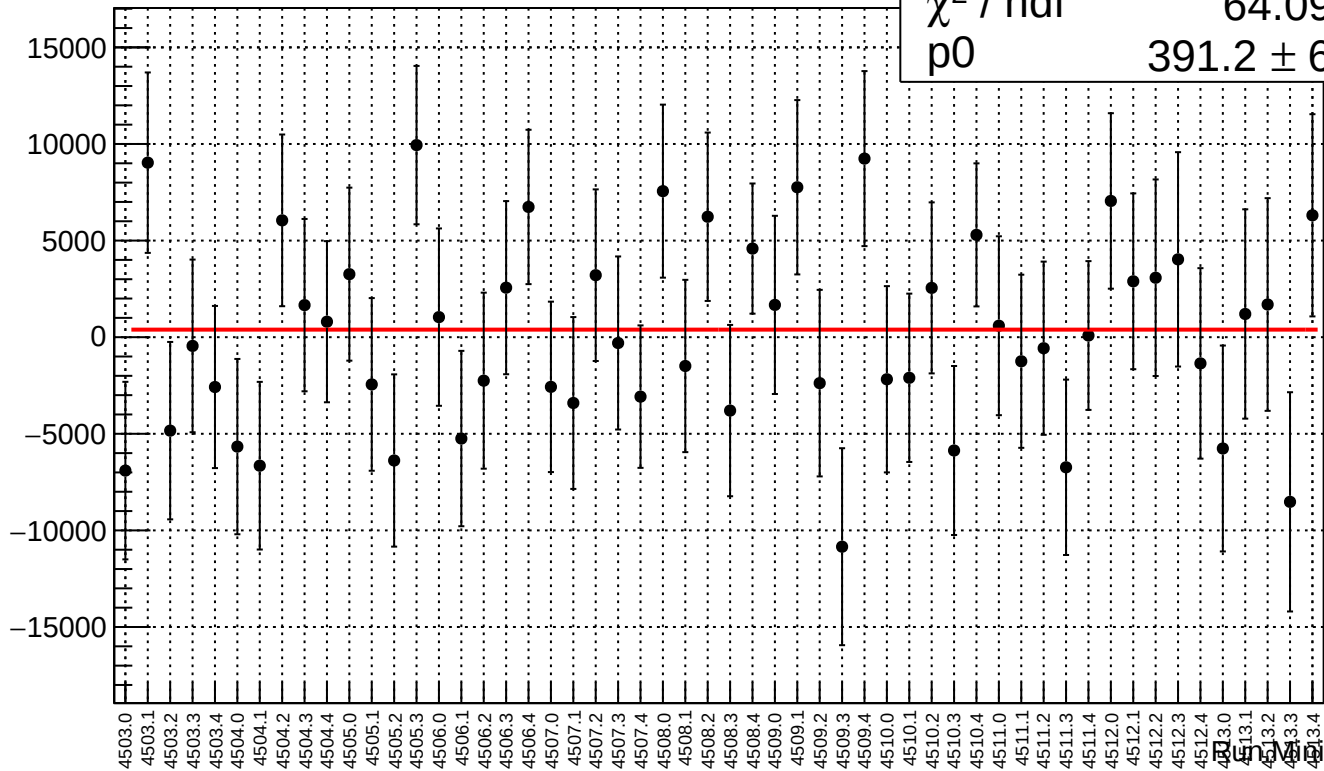
asym_dsl.mean/ppb

χ^2 / ndf 52.67 / 53
p0 176.4 ± 1036



asym_dsr.mean/ppb

χ^2 / ndf 64.09 / 53
p0 391.2 ± 610.7

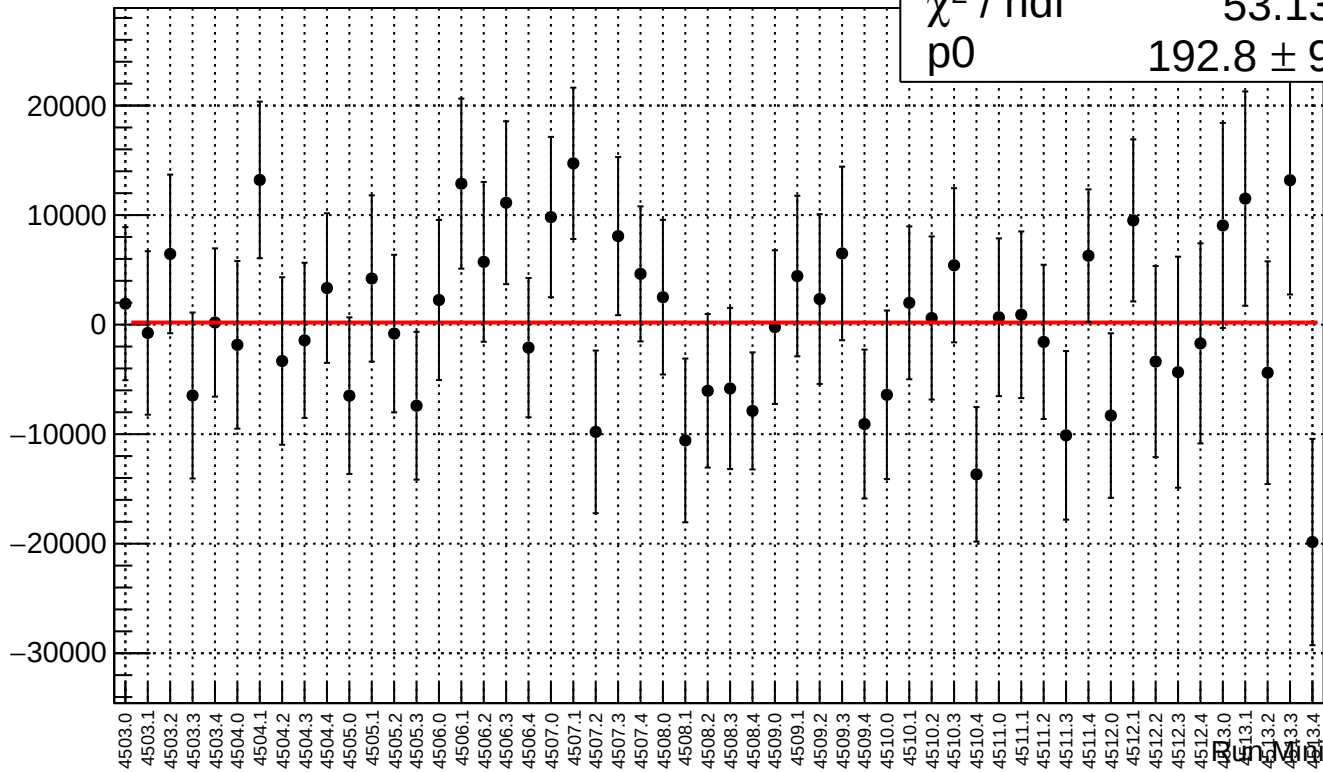


asym_left_avg.mean/ppb

χ^2 / ndf
p0

53.13 / 53

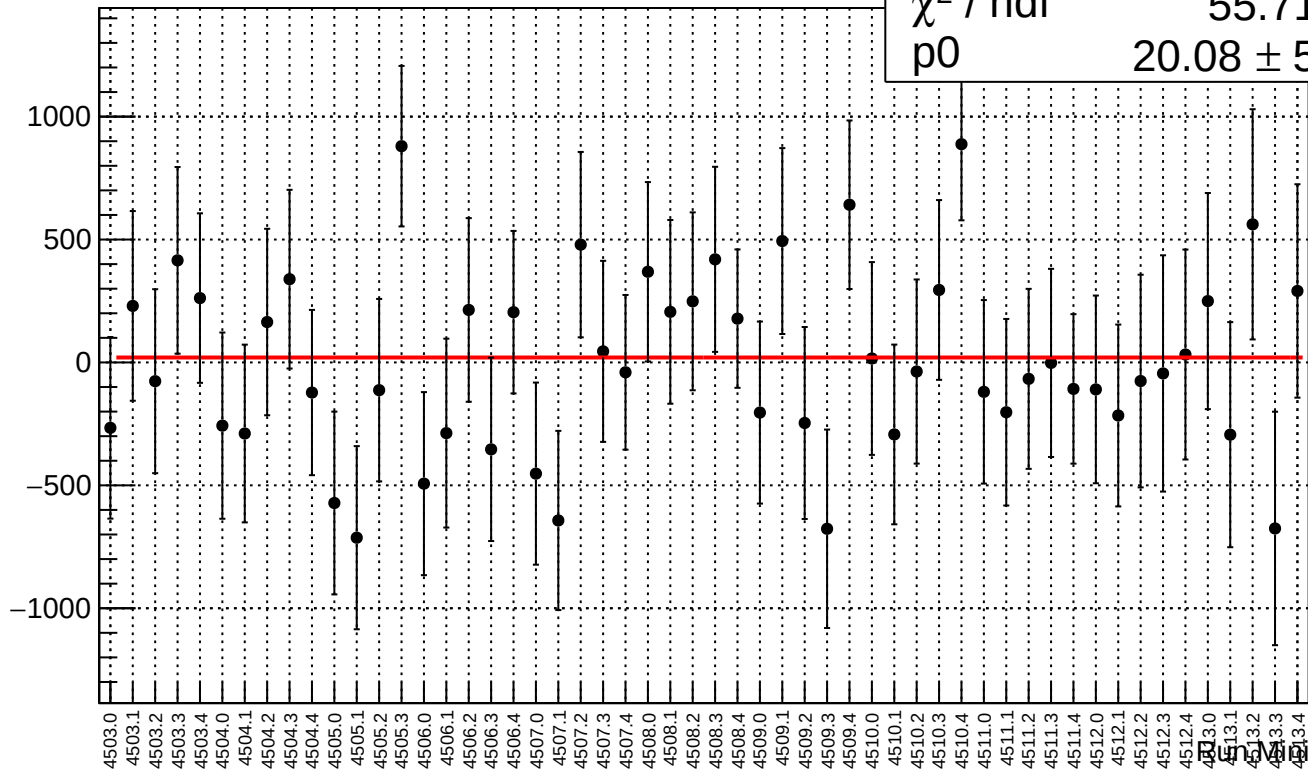
192.8 ± 999.8



asym_left_dd.mean/ppb

χ^2 / ndf
p0

55.71 / 53
 20.08 ± 50.53

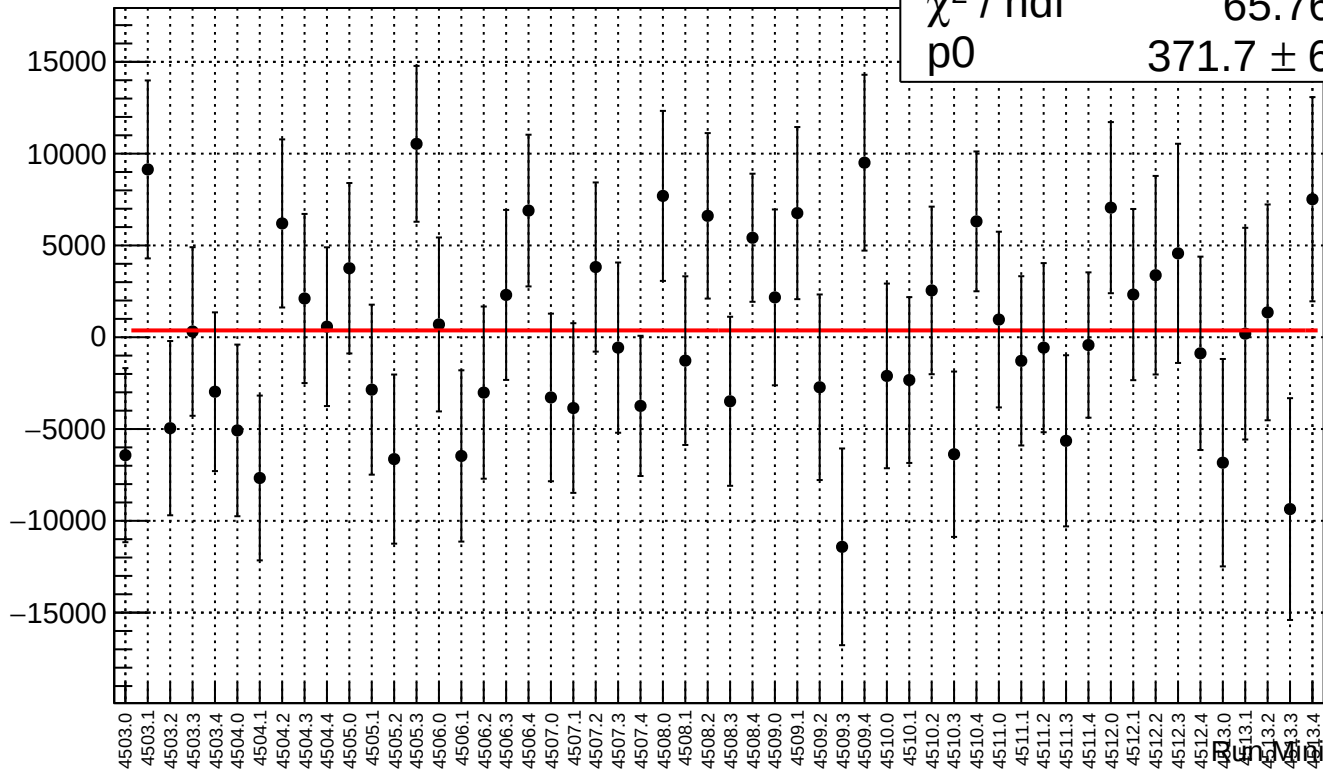


asym_right_avg.mean/ppb

χ^2 / ndf
p0

65.76 / 53

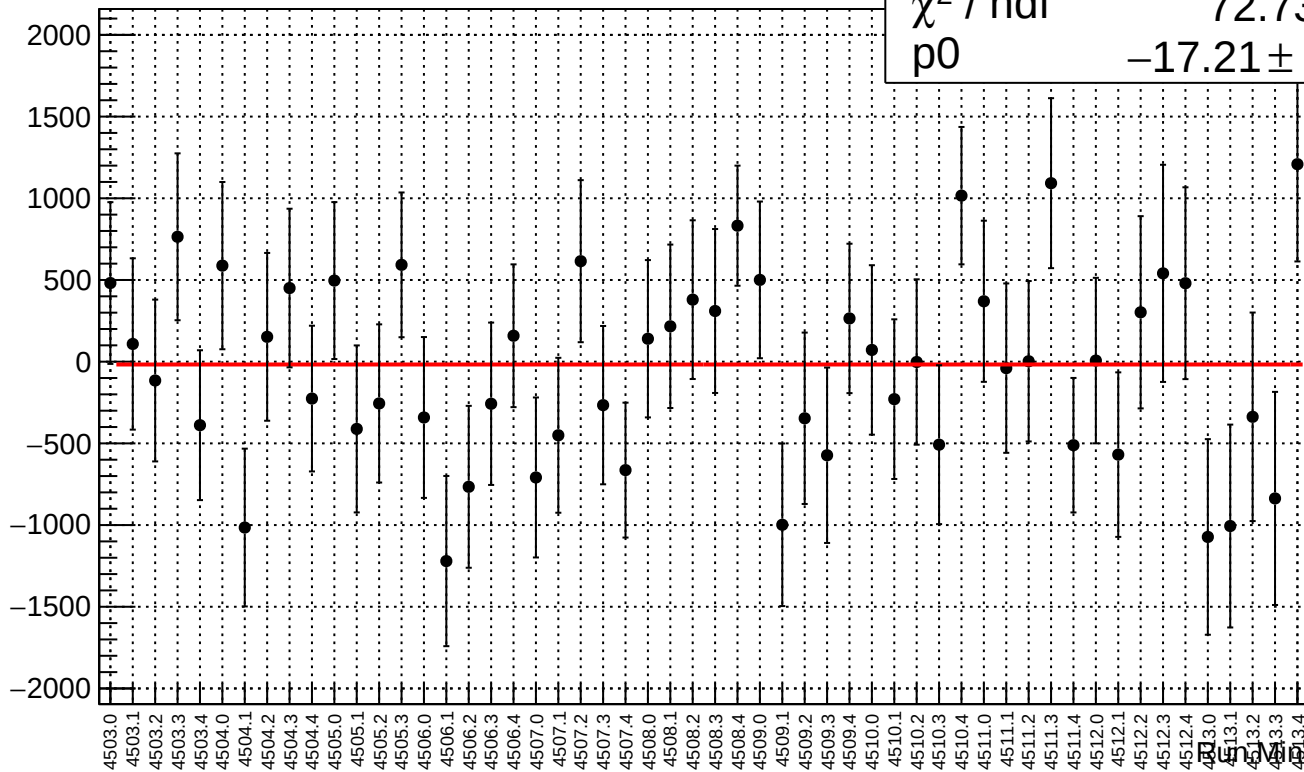
371.7 ± 633.4



asym_right_dd.mean/ppb

χ^2 / ndf
p0

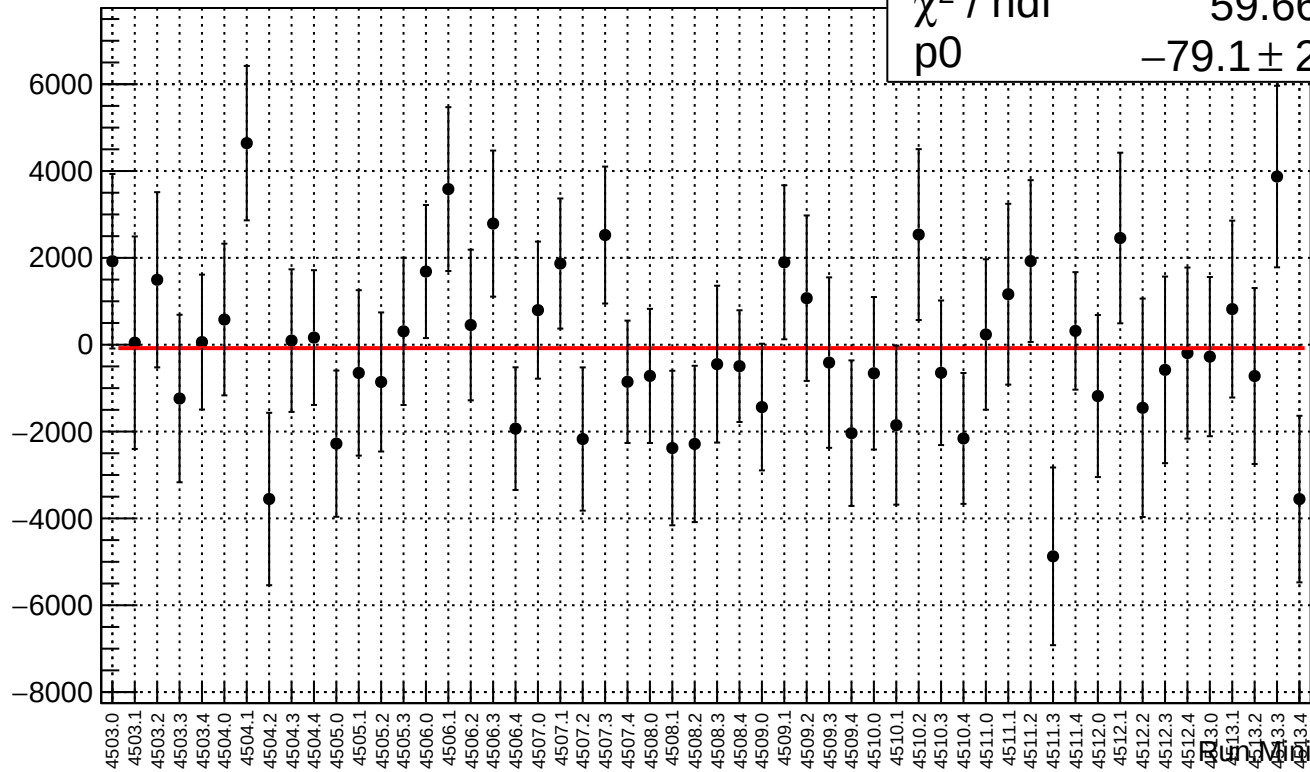
72.73 / 53
 -17.21 ± 67.5



asym_sam_15_avg.mean/ppb

χ^2 / ndf
p0

59.66 / 53
 -79.1 ± 236.9

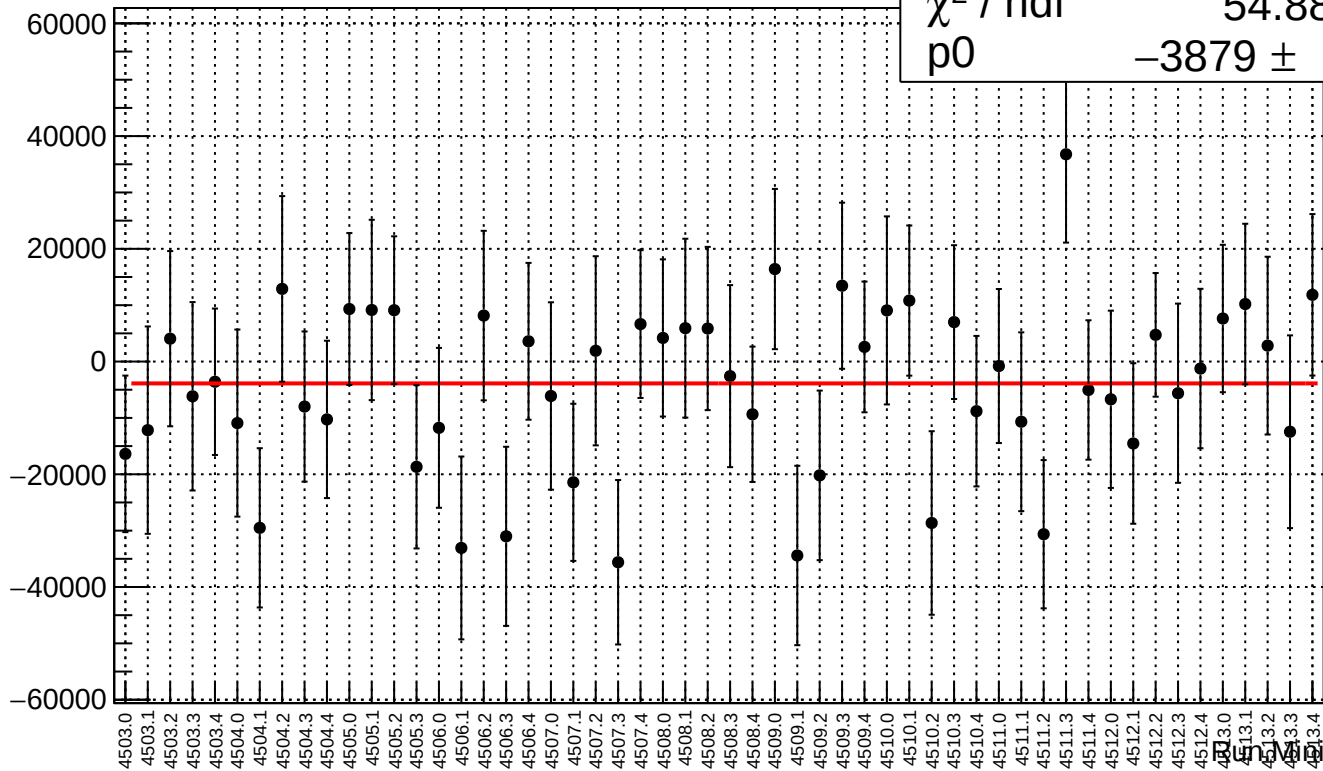


asym_sam_15_dd.mean/ppb

χ^2 / ndf
p0

54.88 / 53

-3879 ± 1965



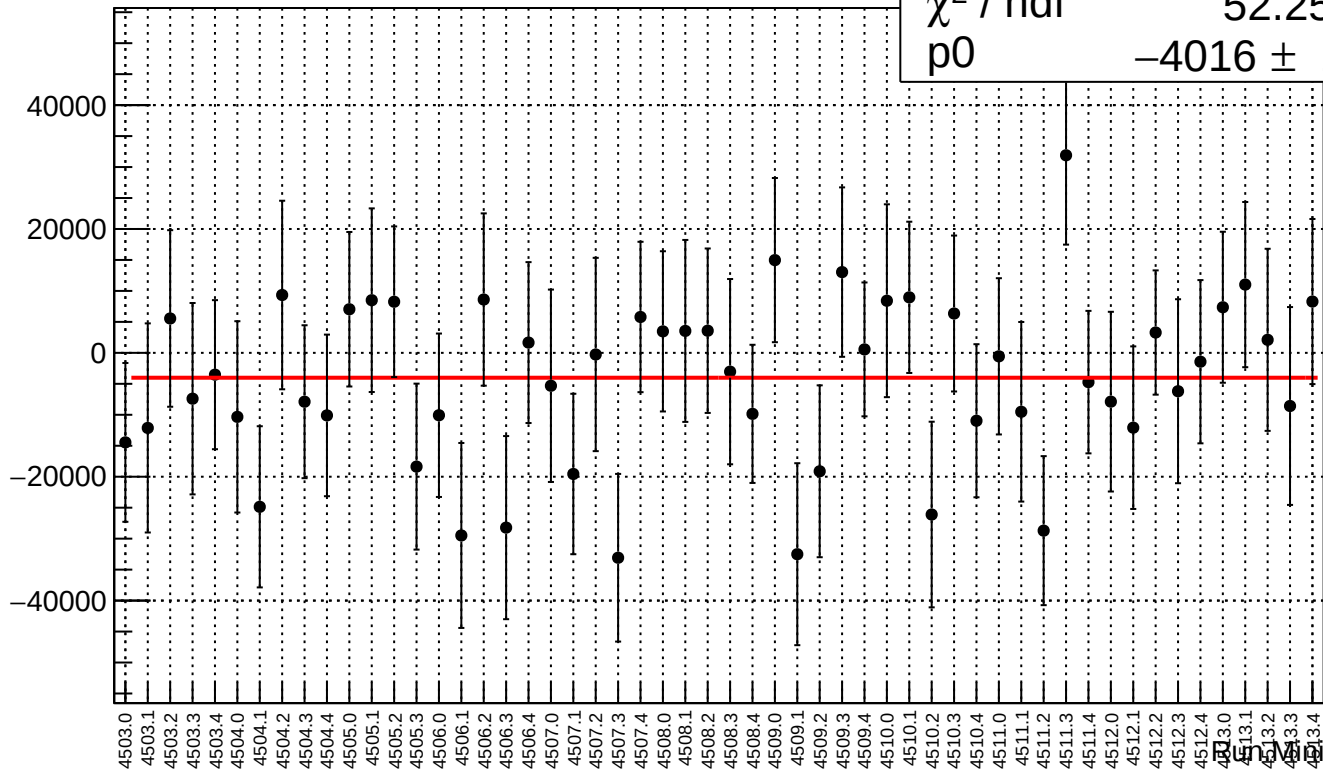
asym_sam1.mean/ppb

χ^2 / ndf

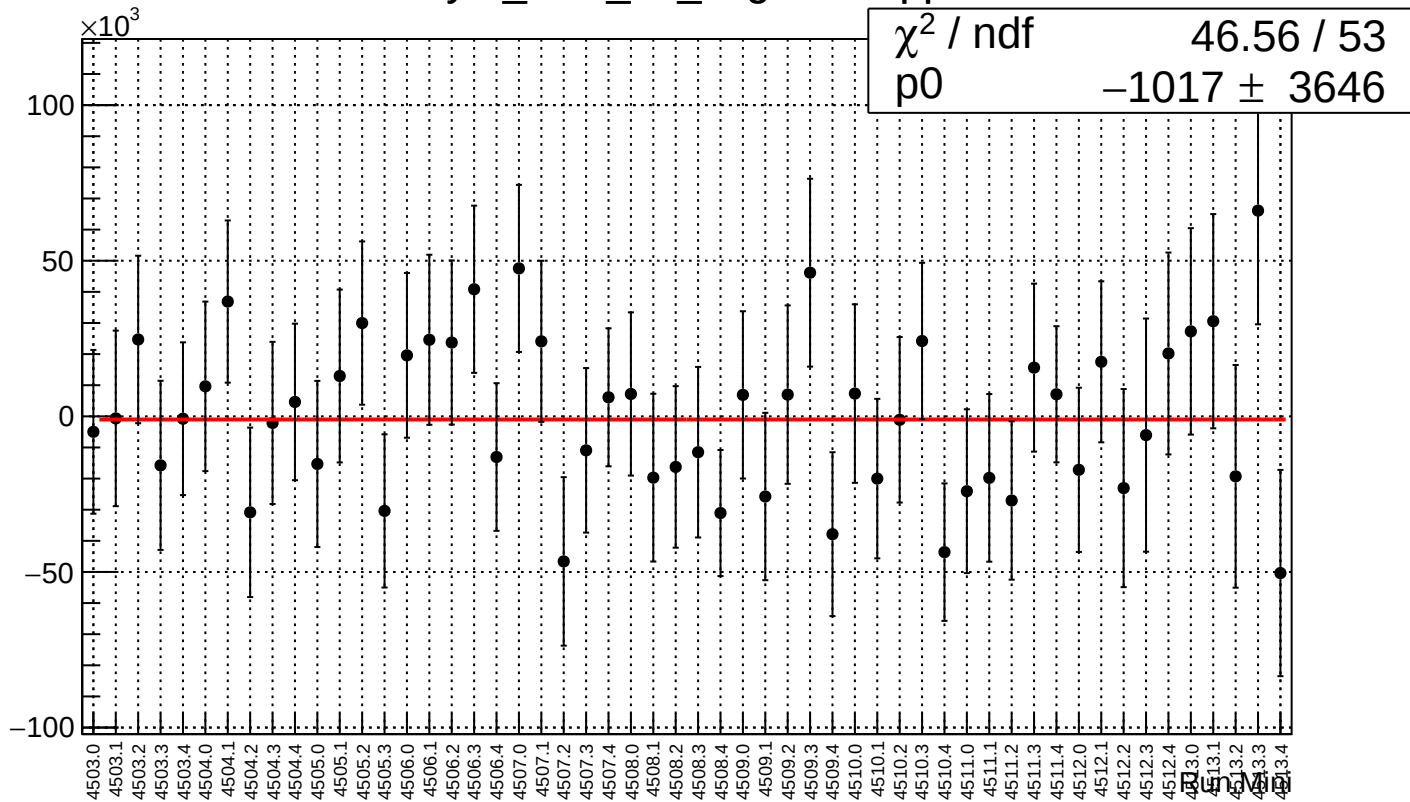
52.25 / 53

p0

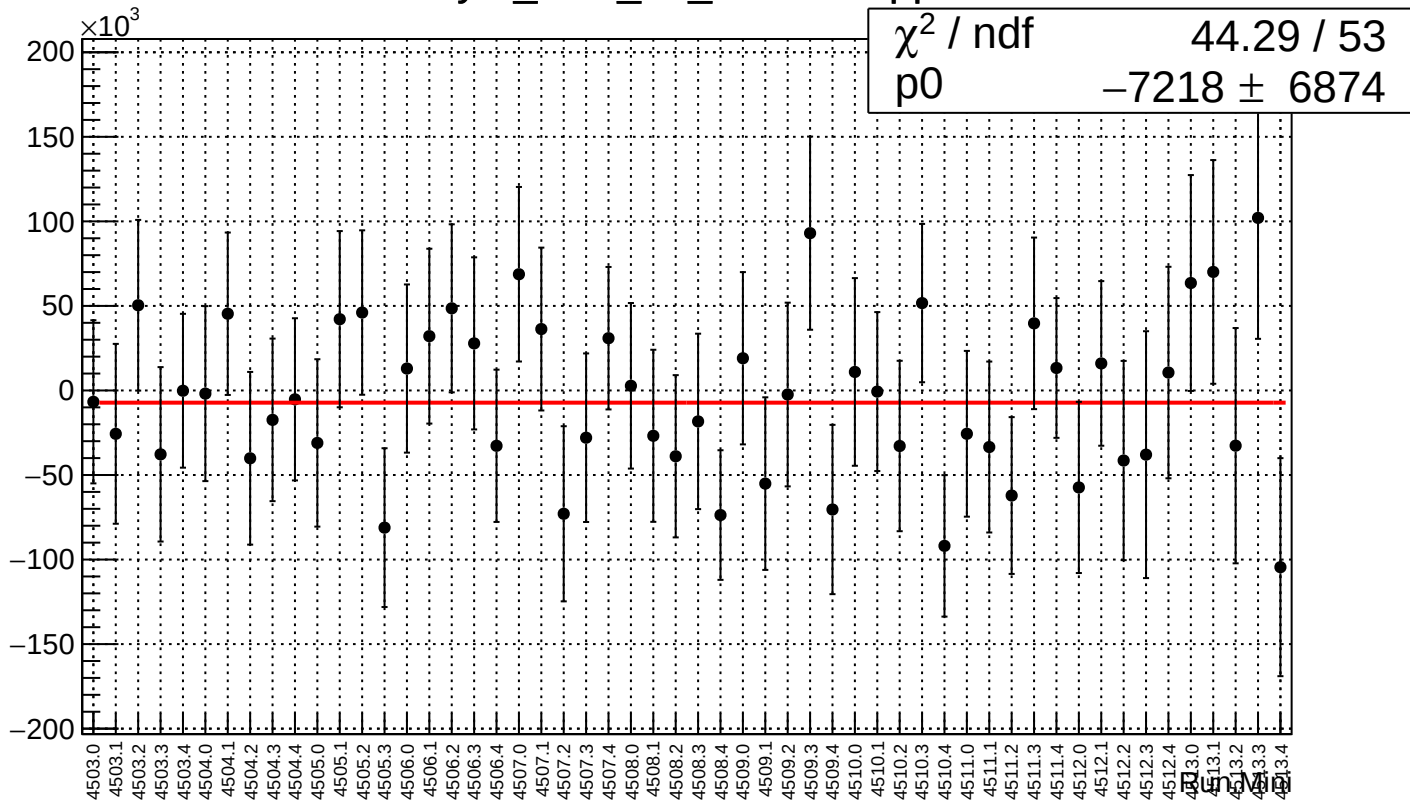
-4016 ± 1819



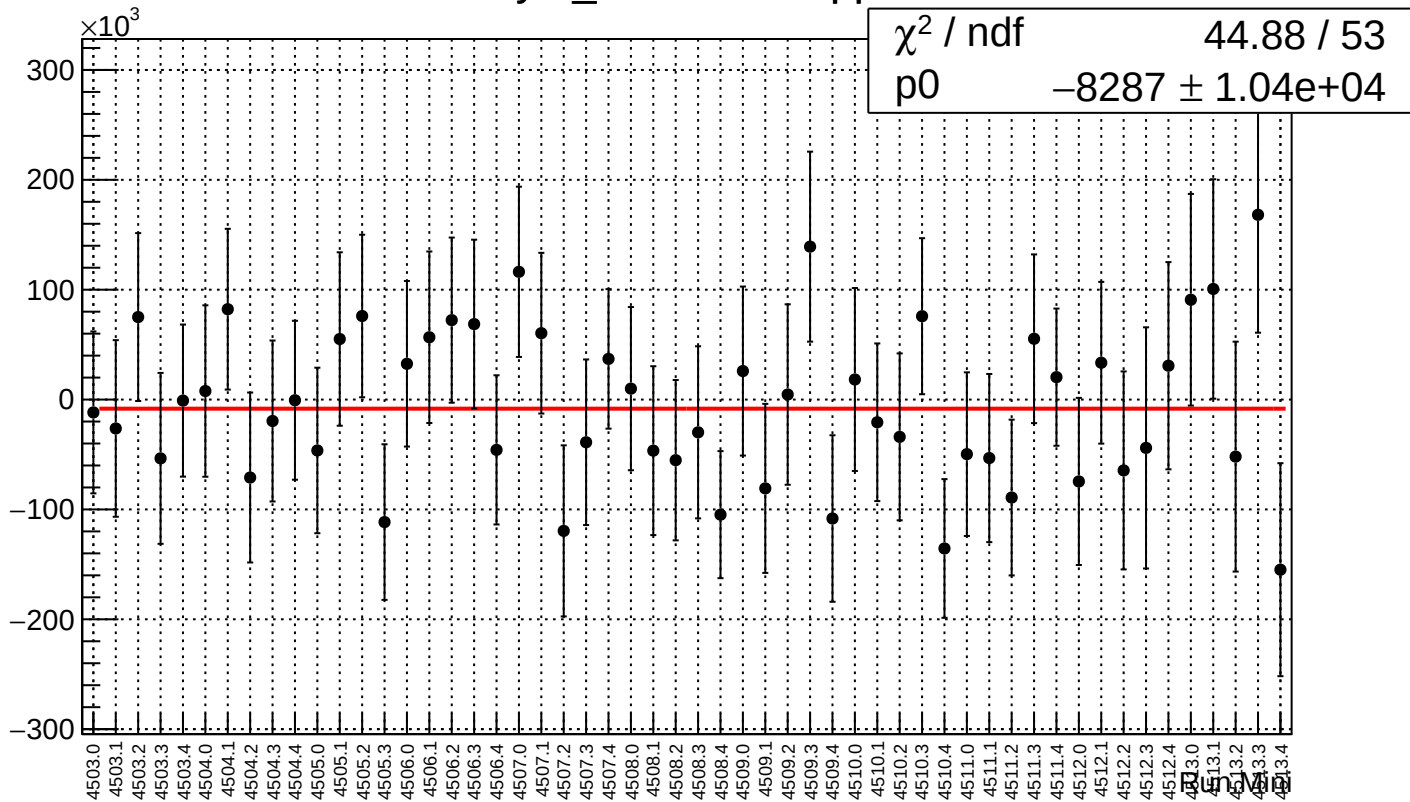
asym_sam_26_avg.mean/ppb



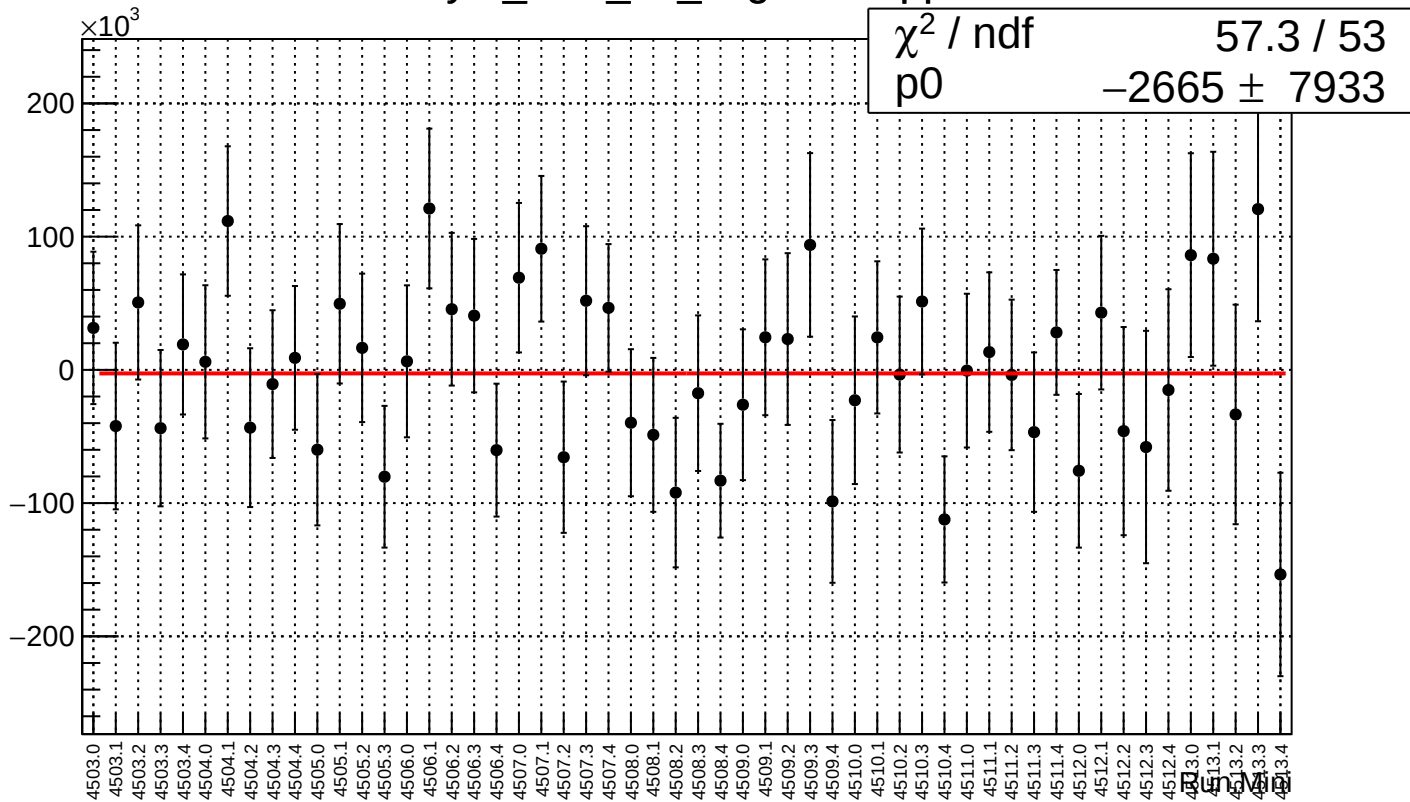
asym_sam_26_dd.mean/ppb



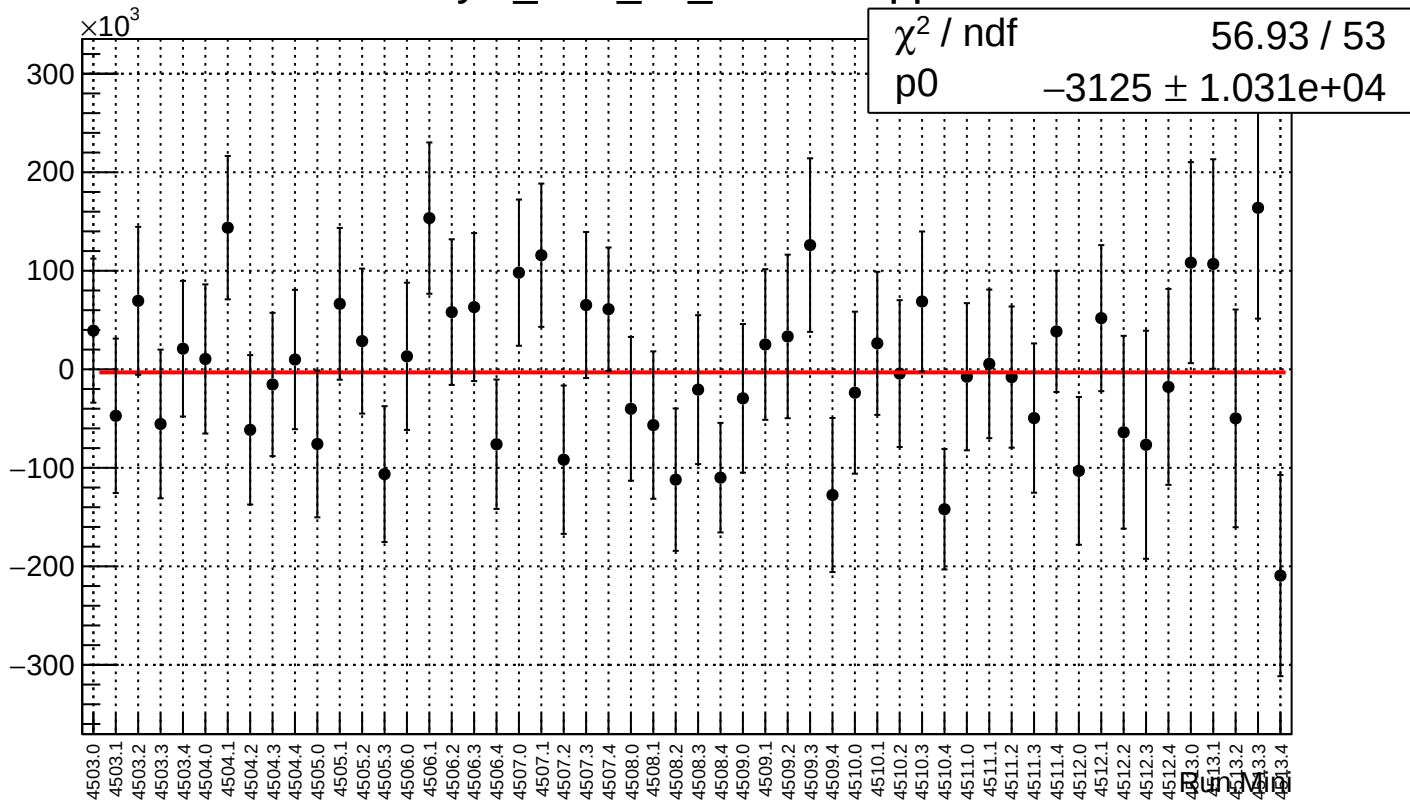
asym_sam2.mean/ppb



asym_sam_37_avg.mean/ppb



asym_sam_37_dd.mean/ppb



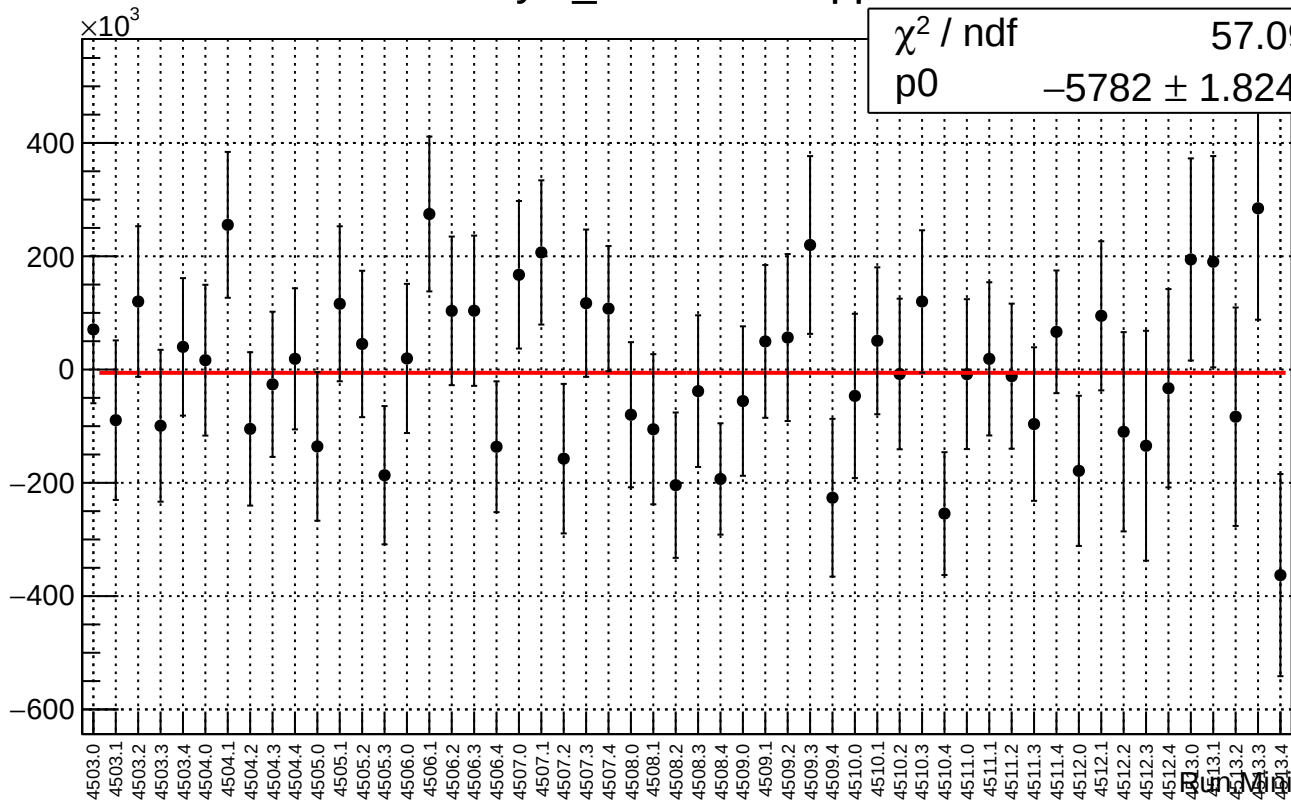
asym_sam3.mean/ppb

χ^2 / ndf

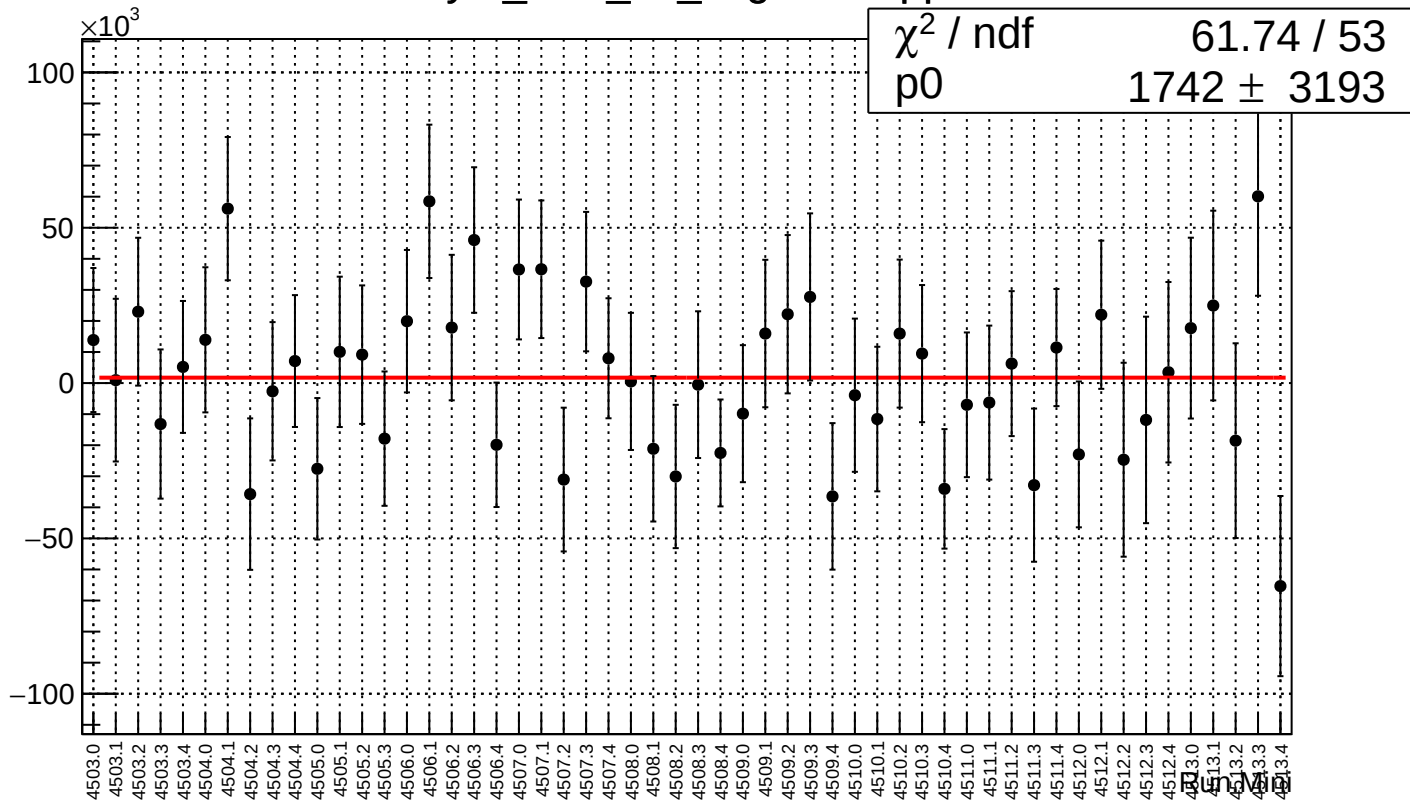
57.09 / 53

p0

$-5782 \pm 1.824\text{e}+04$



asym_sam_48_avg.mean/ppb

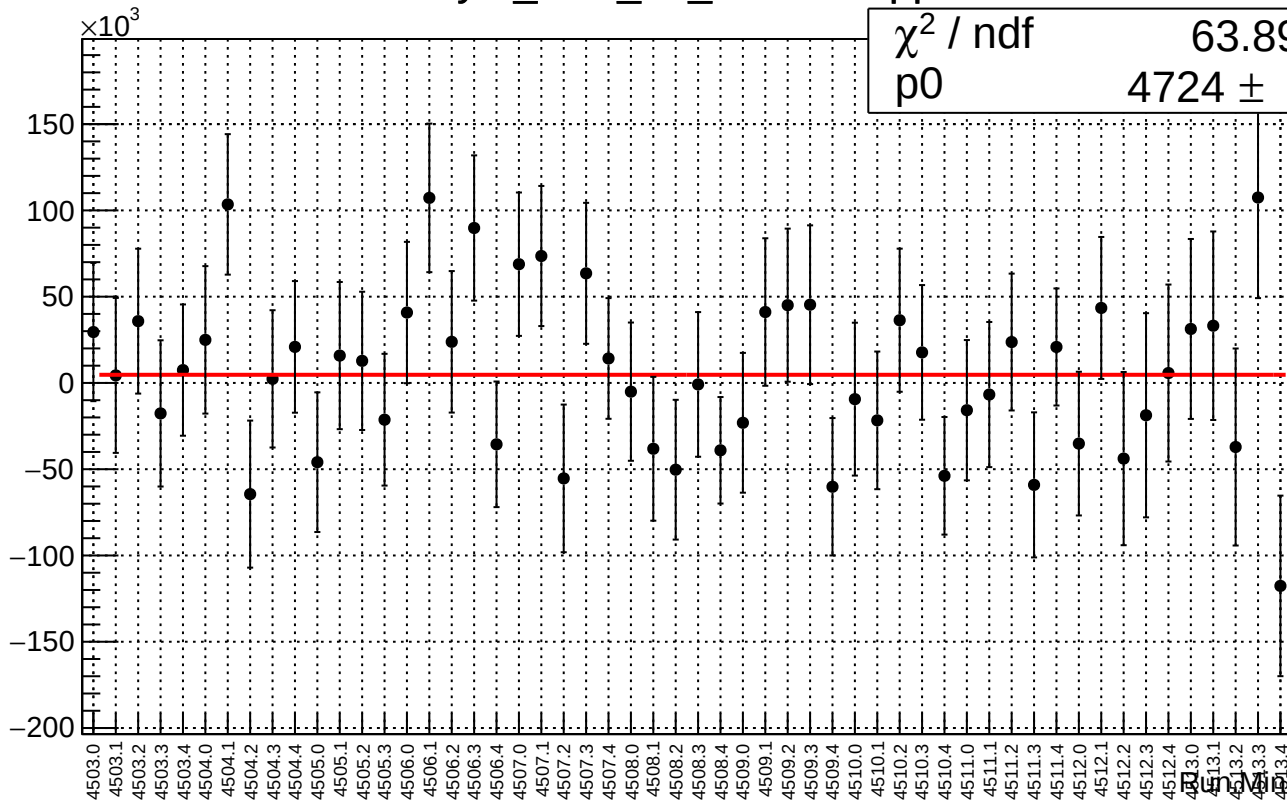


asym_sam_48_dd.mean/ppb

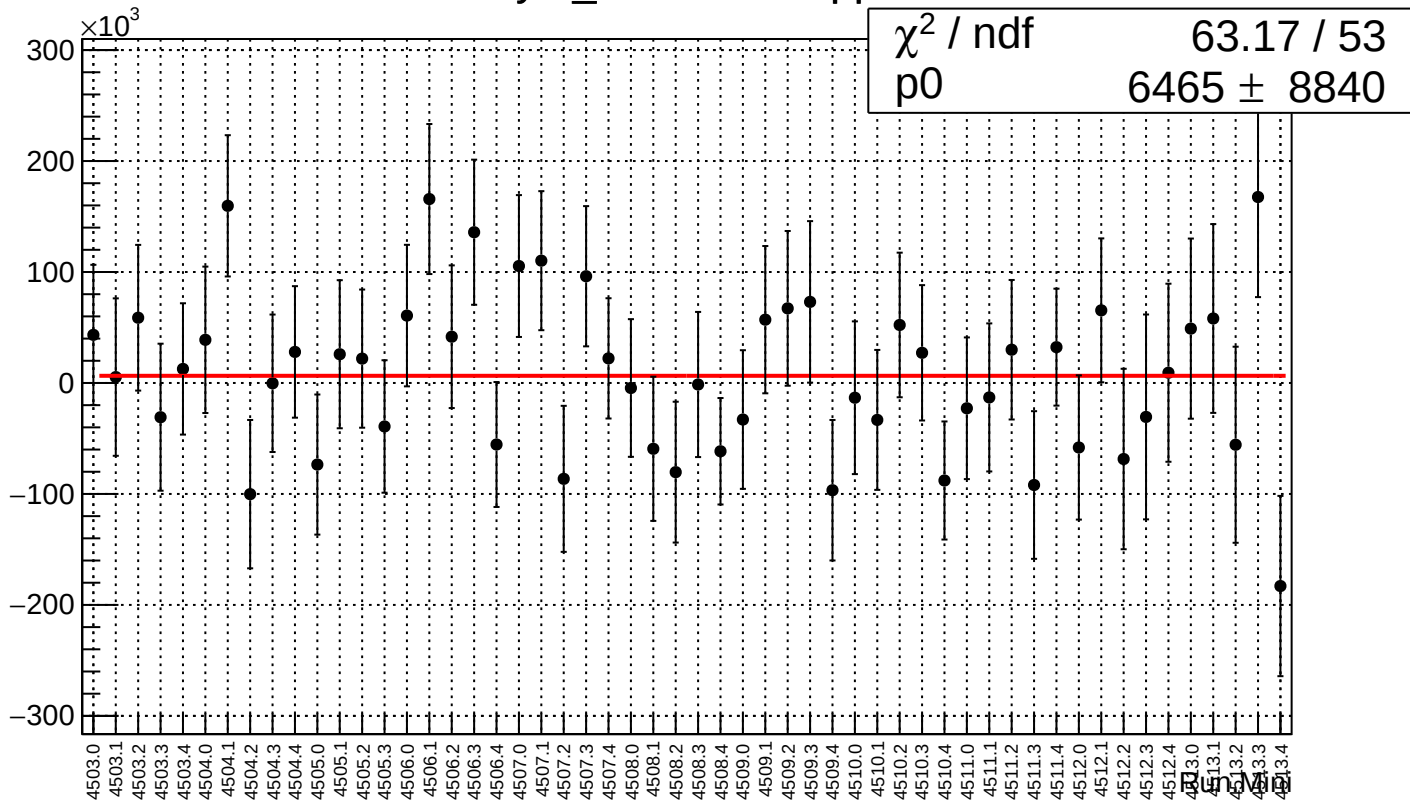
χ^2 / ndf
p0

63.89 / 53

4724 ± 5662



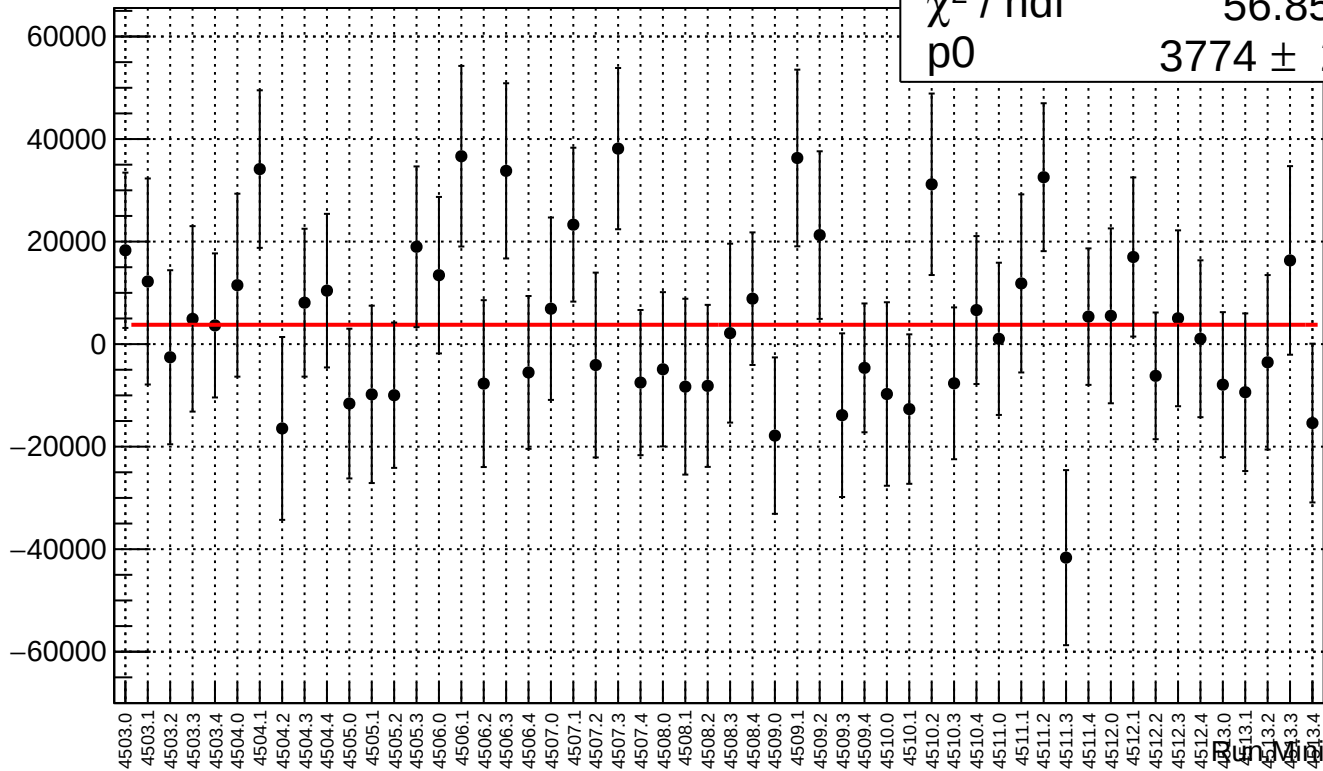
asym_sam4.mean/ppb



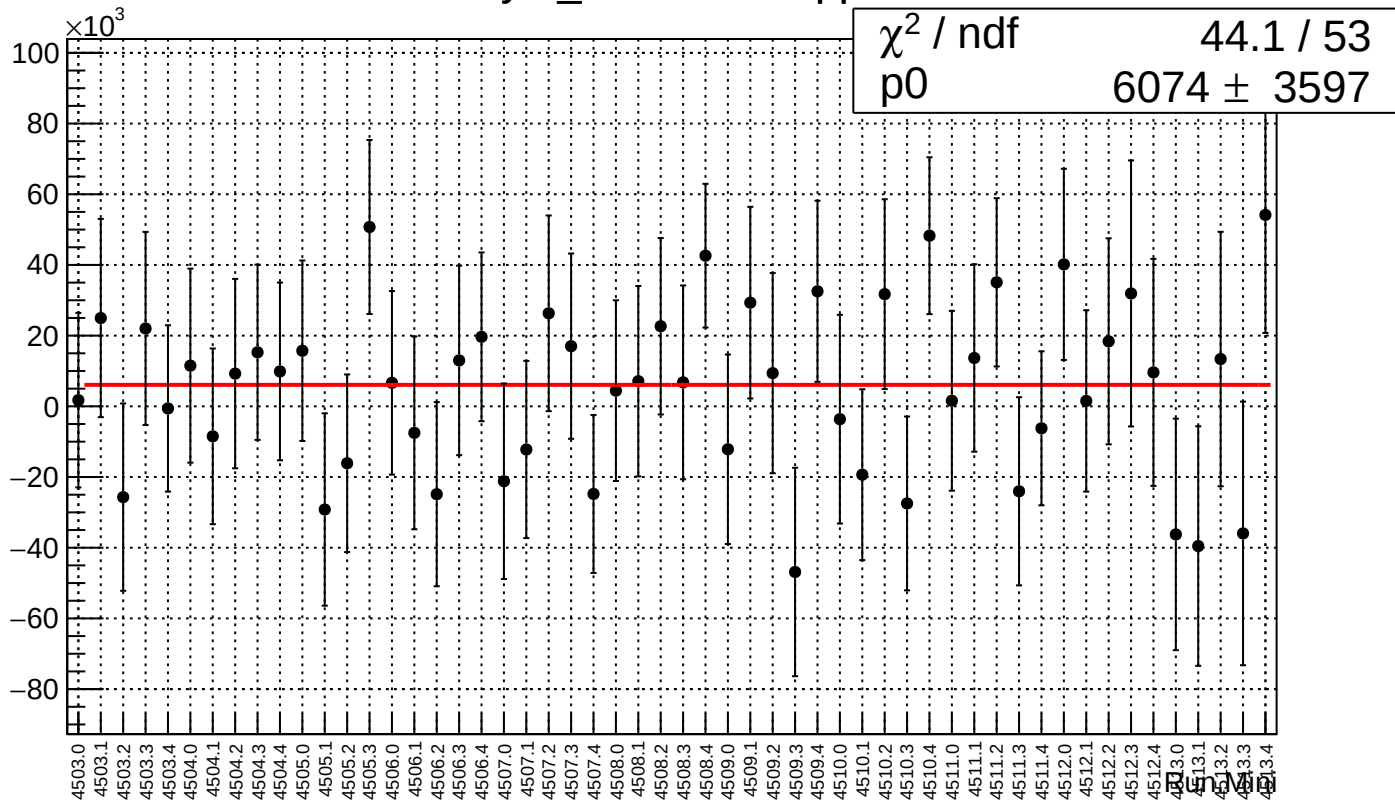
asym_sam5.mean/ppb

χ^2 / ndf
p0

56.85 / 53
 3774 ± 2129



asym_sam6.mean/ppb



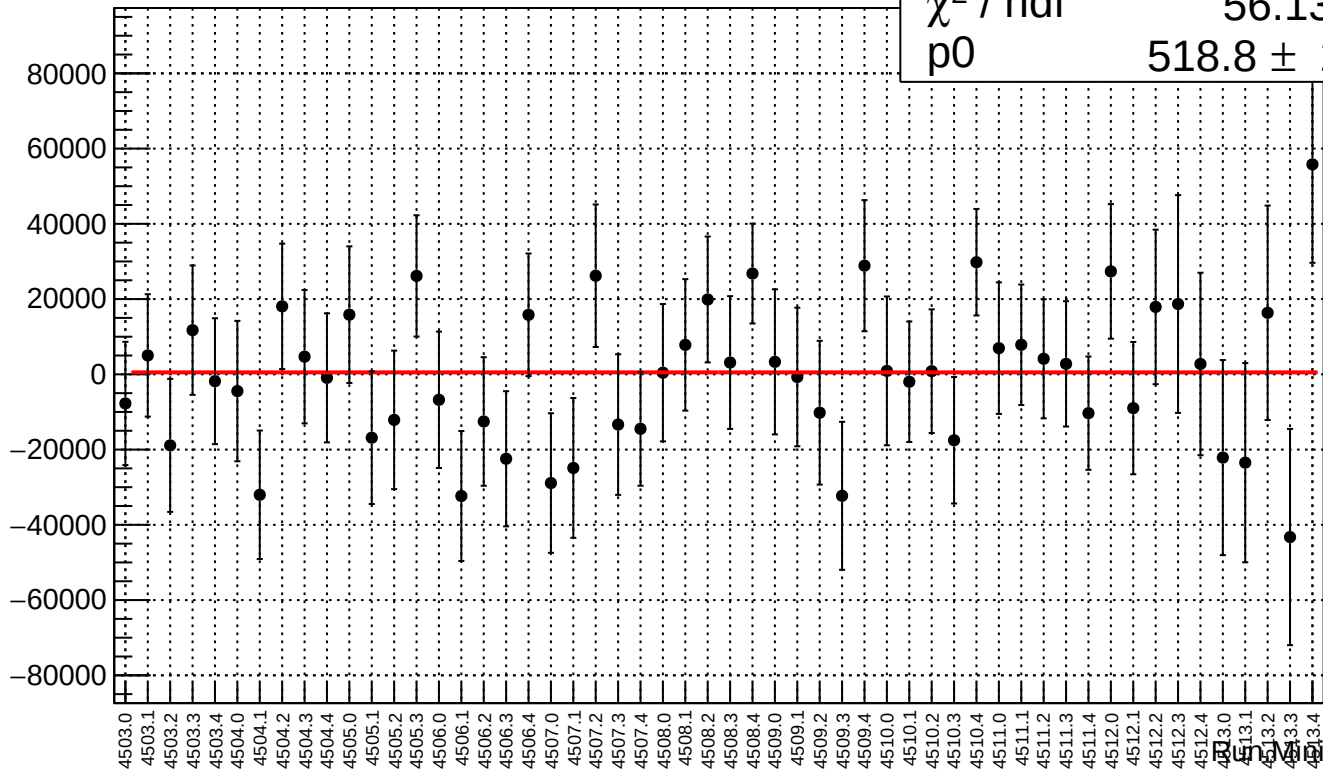
asym_sam7.mean/ppb

χ^2 / ndf

56.13 / 53

p0

518.8 ± 2433

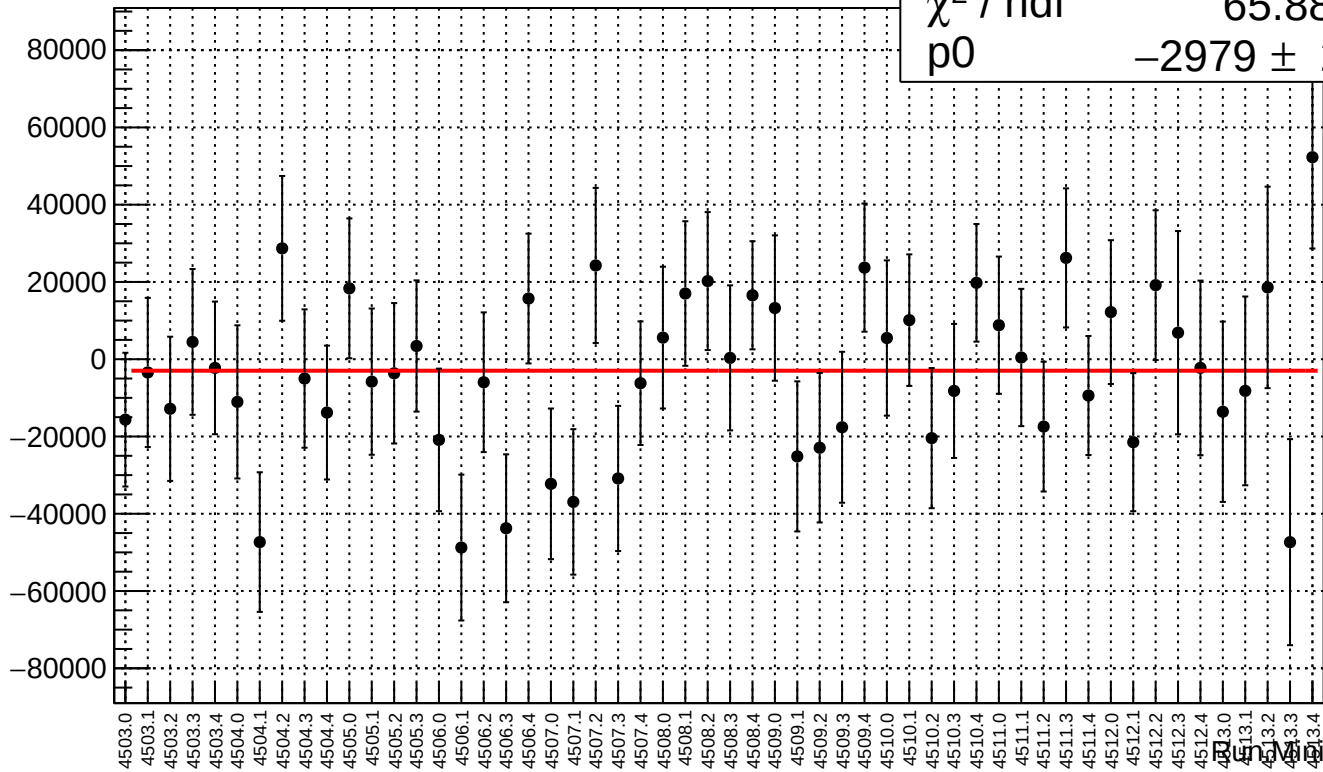


asym_sam8.mean/ppb

χ^2 / ndf
p0

65.88 / 53

-2979 ± 2520

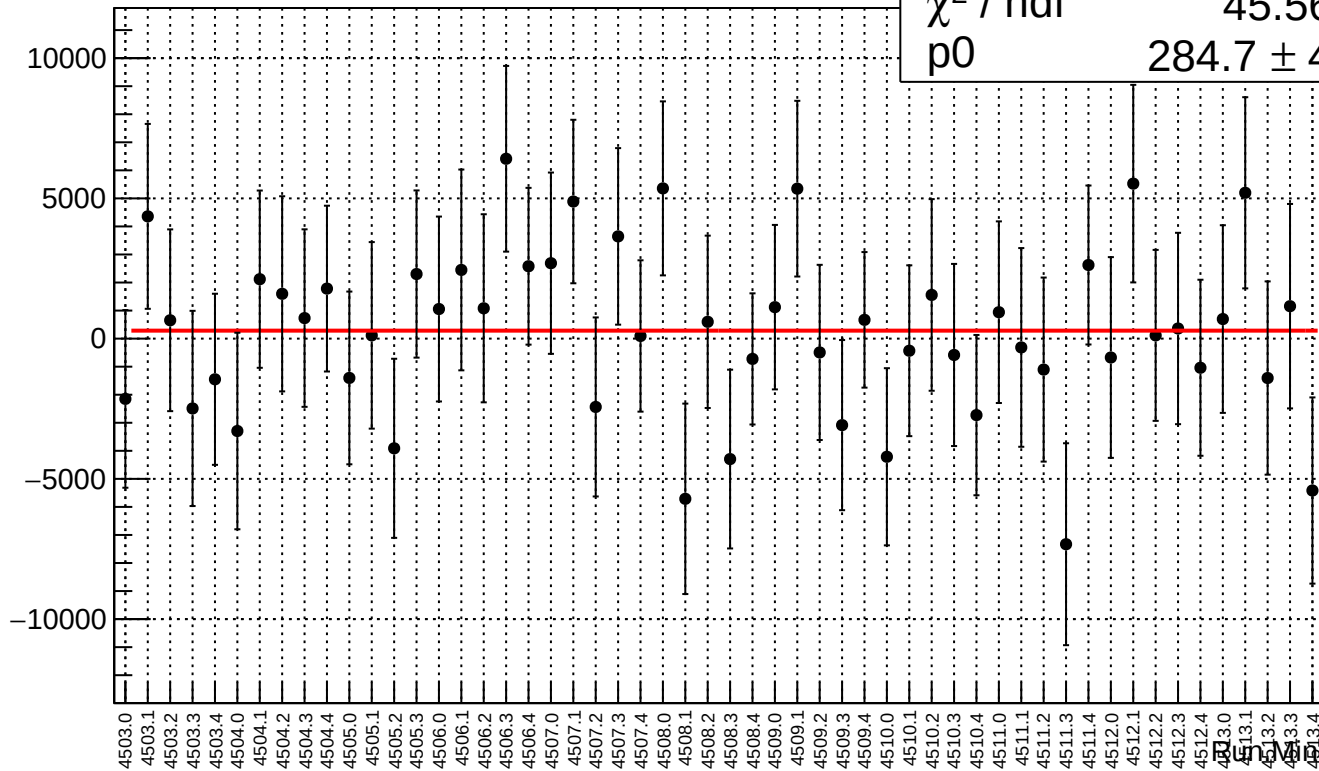


asym_us_avg.mean/ppb

χ^2 / ndf
p0

45.56 / 53

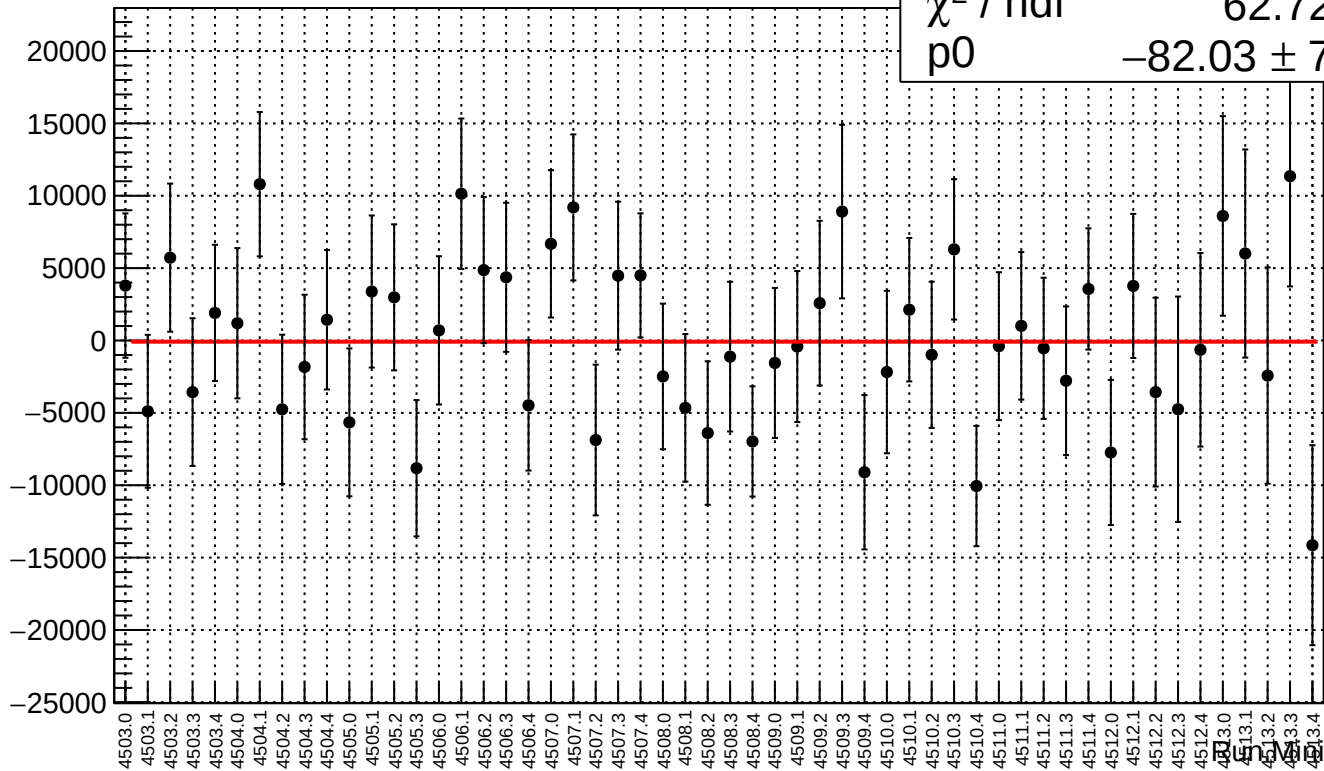
284.7 ± 429.2



asym_us_dd.mean/ppb

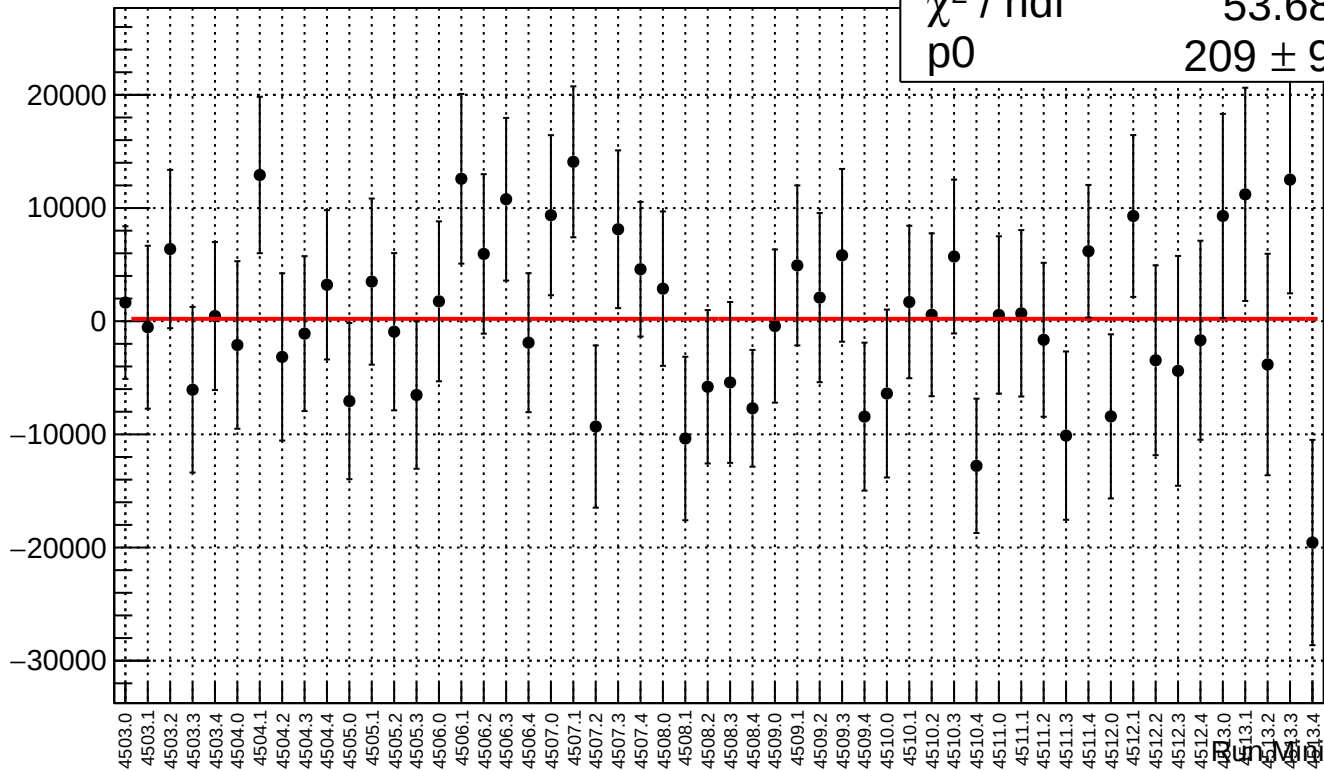
χ^2 / ndf
p0

62.72 / 53
 -82.03 ± 703.3



asym_usl.mean/ppb

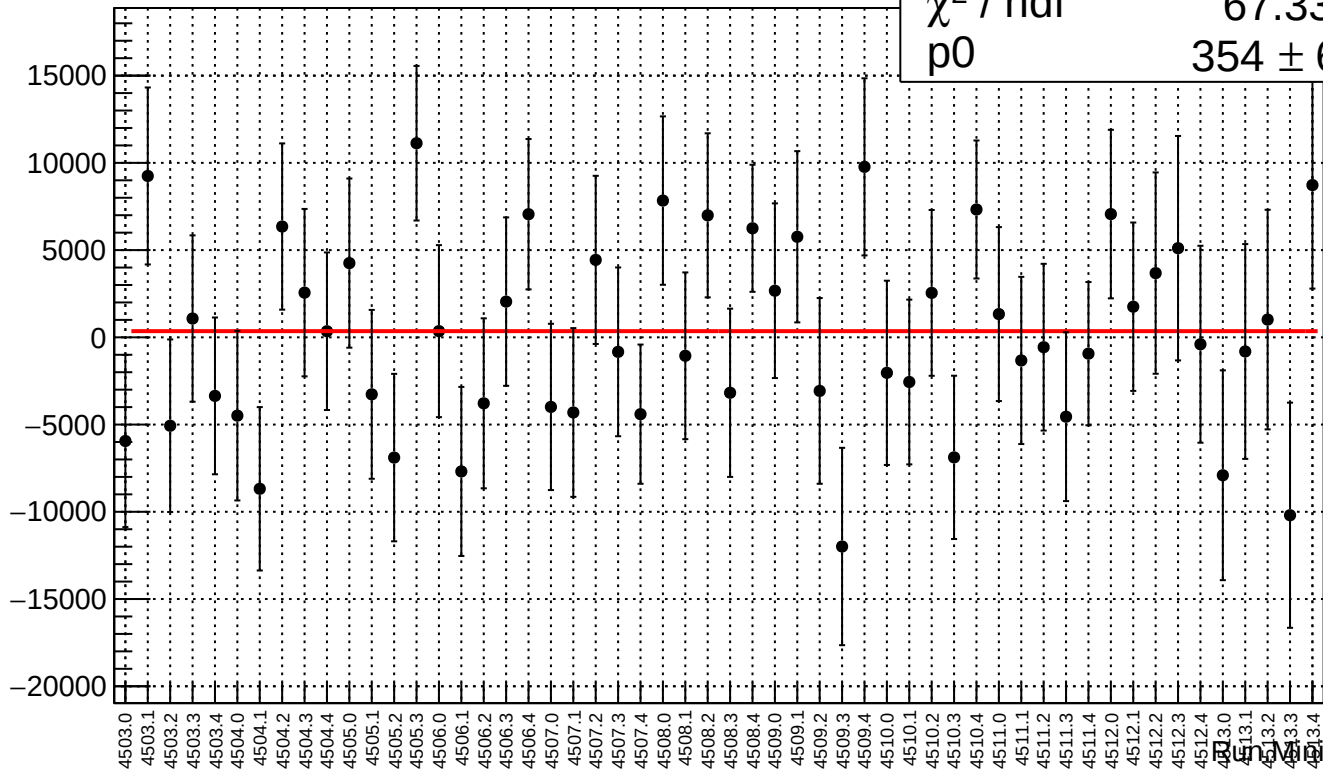
χ^2 / ndf 53.68 / 53
p0 209 ± 965.3



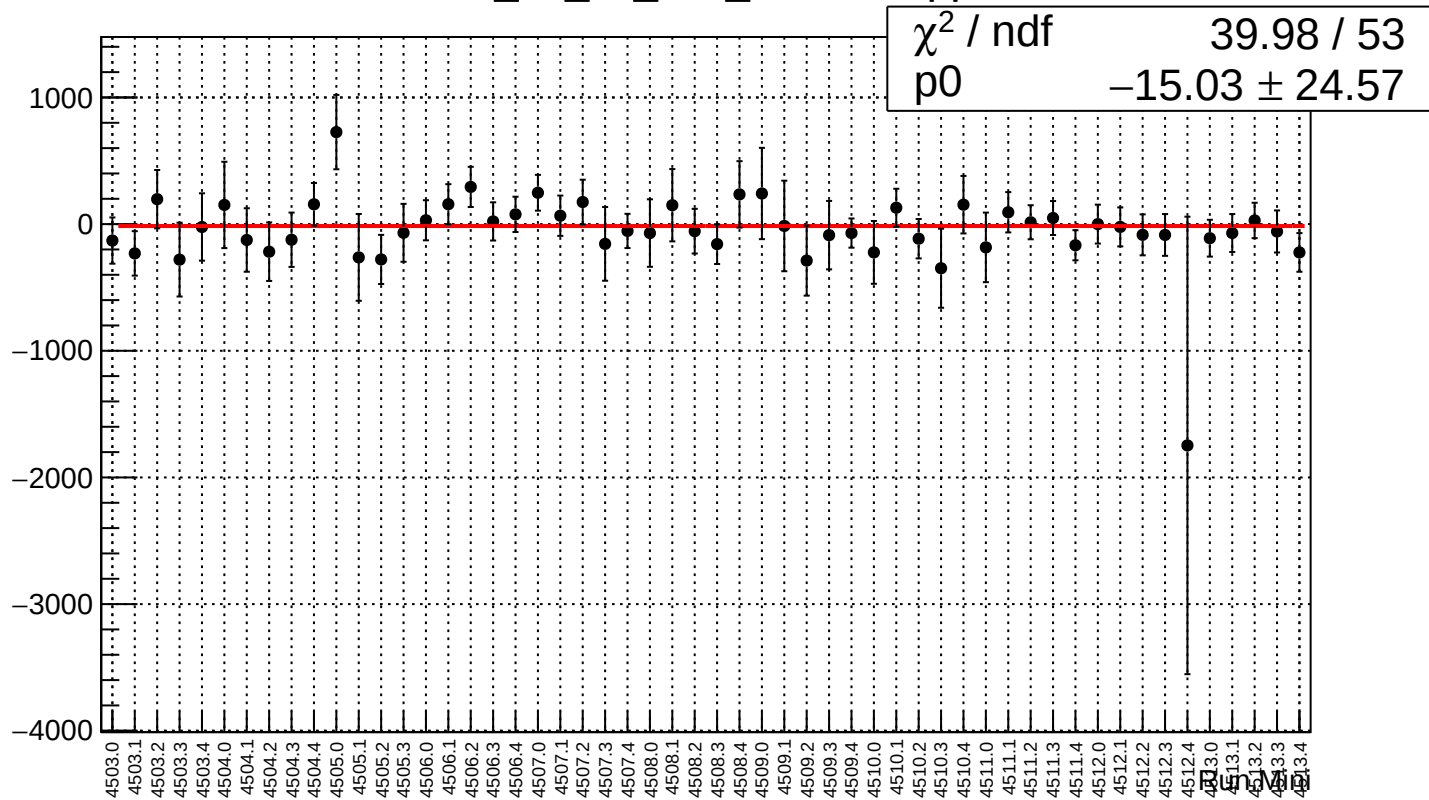
asym_usr.mean/ppb

χ^2 / ndf
p0

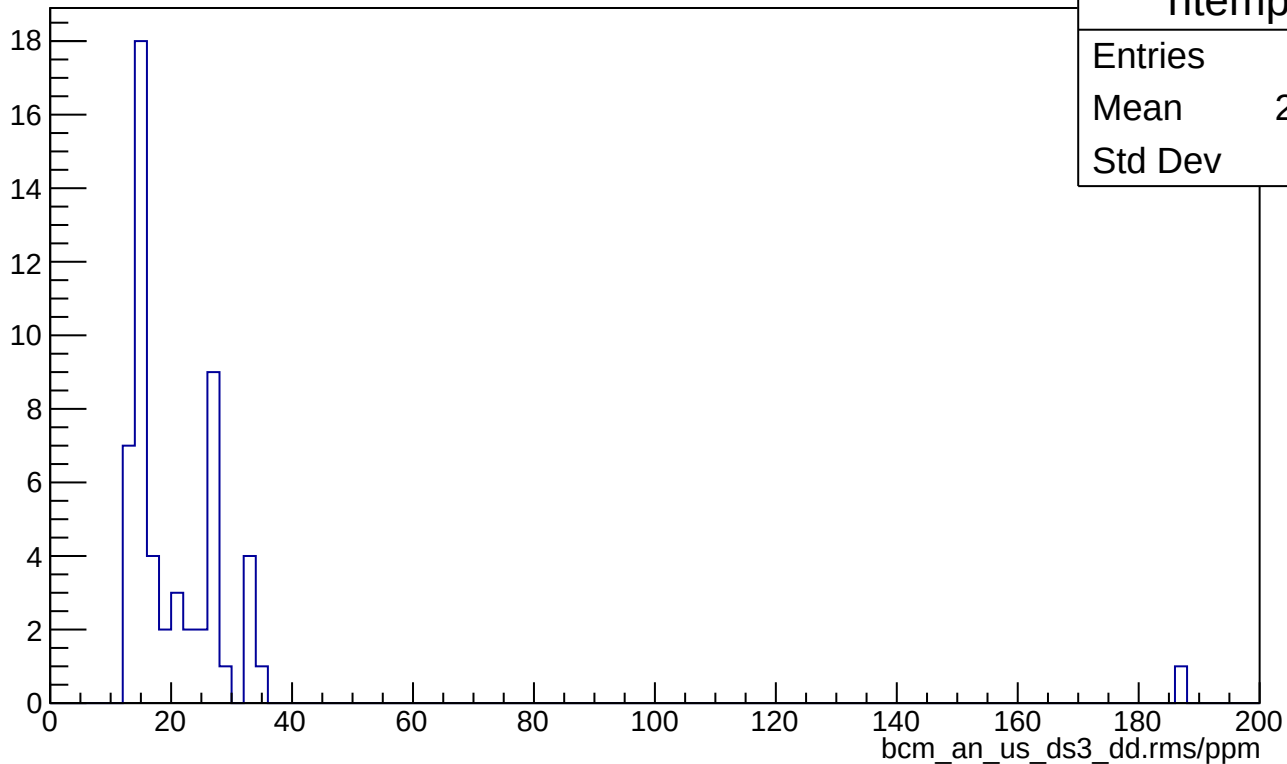
67.33 / 53
 354 ± 662.1



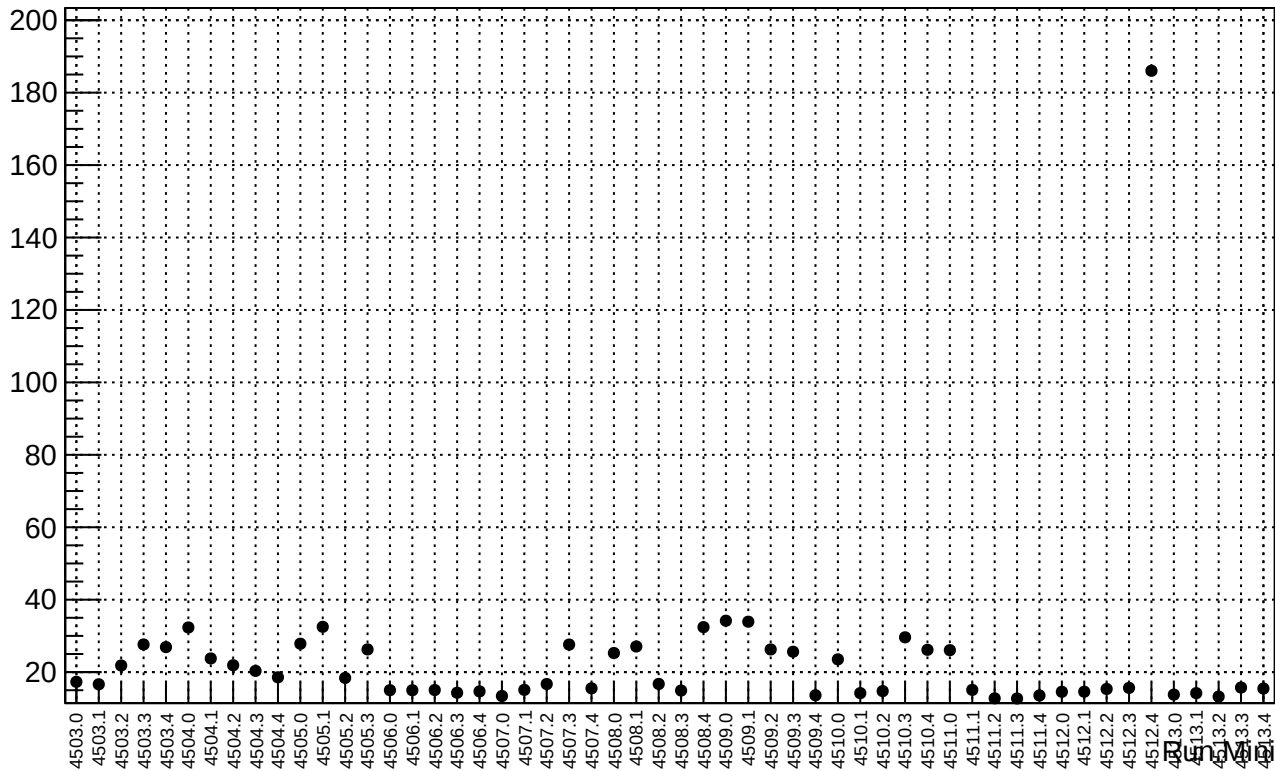
bcm_an_us_ds3_dd.mean/ppb



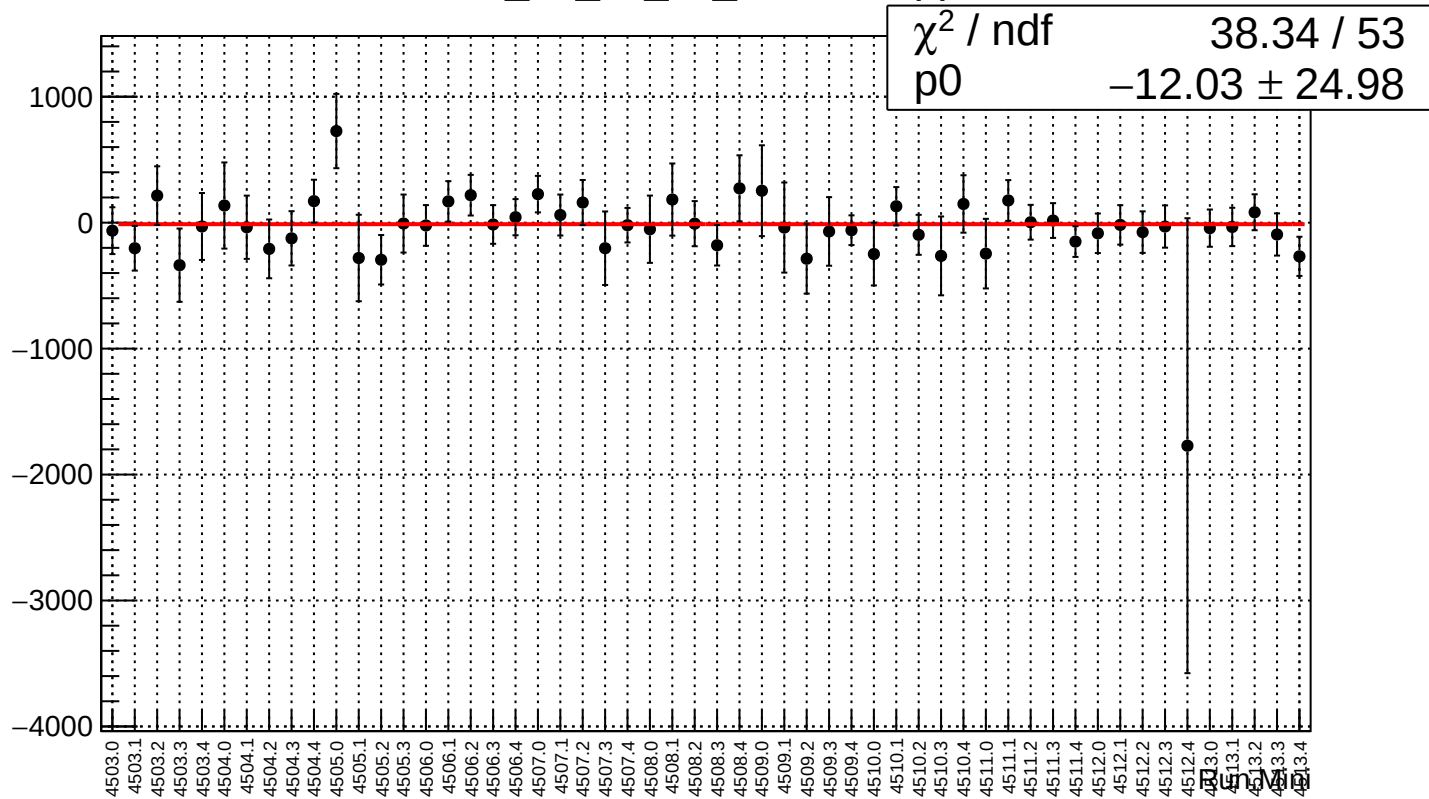
bcm_an_us_ds3_dd.rms/ppm



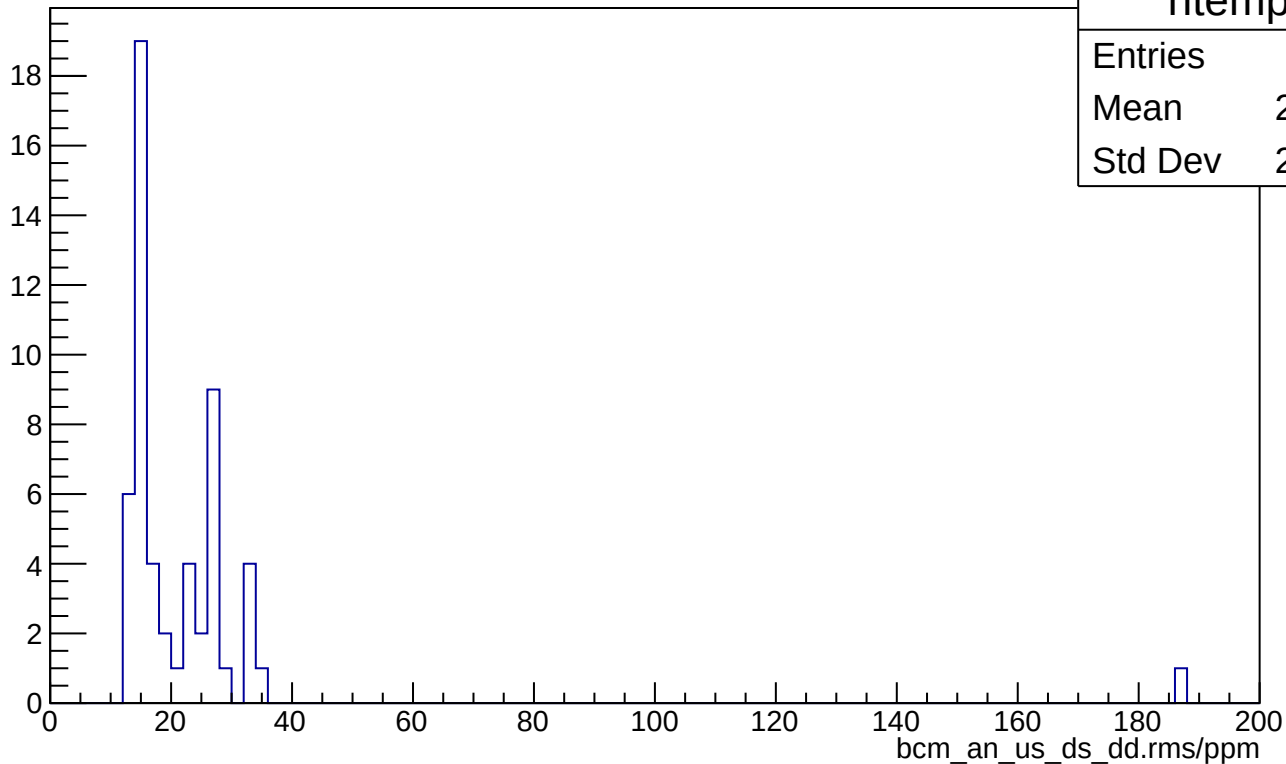
bcm_an_us_ds3_dd.rms/ppm



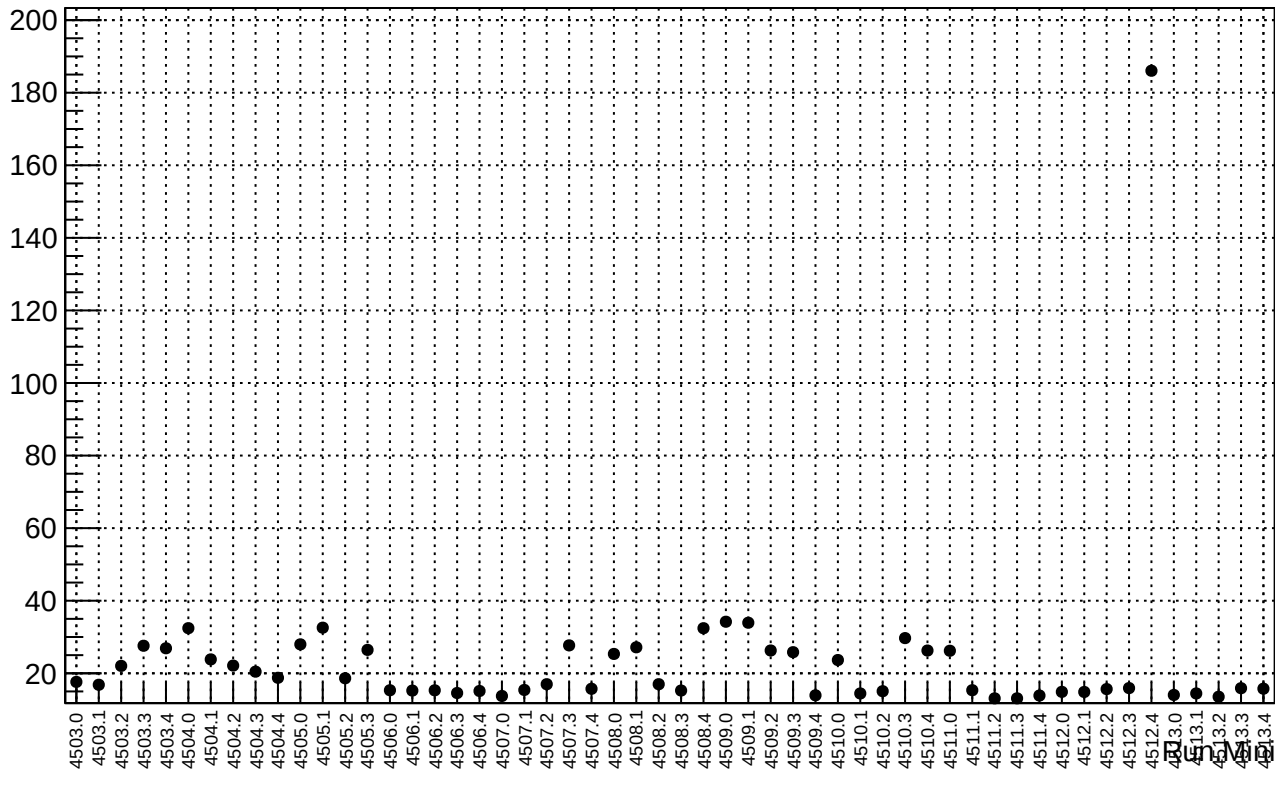
bcm_an_us_ds_dd.mean/ppb



bcm_an_us_ds_dd.rms/ppm



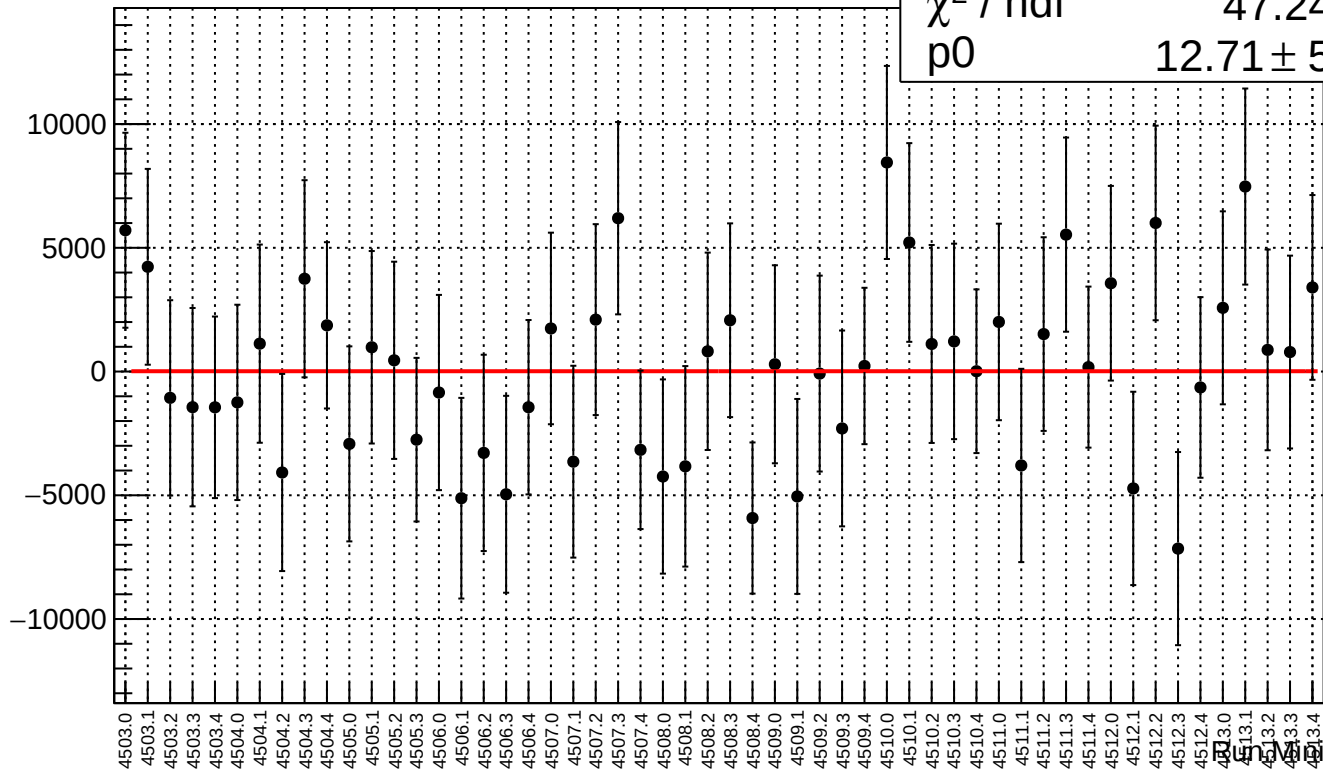
bcm_an_us_ds_dd.rms/ppm



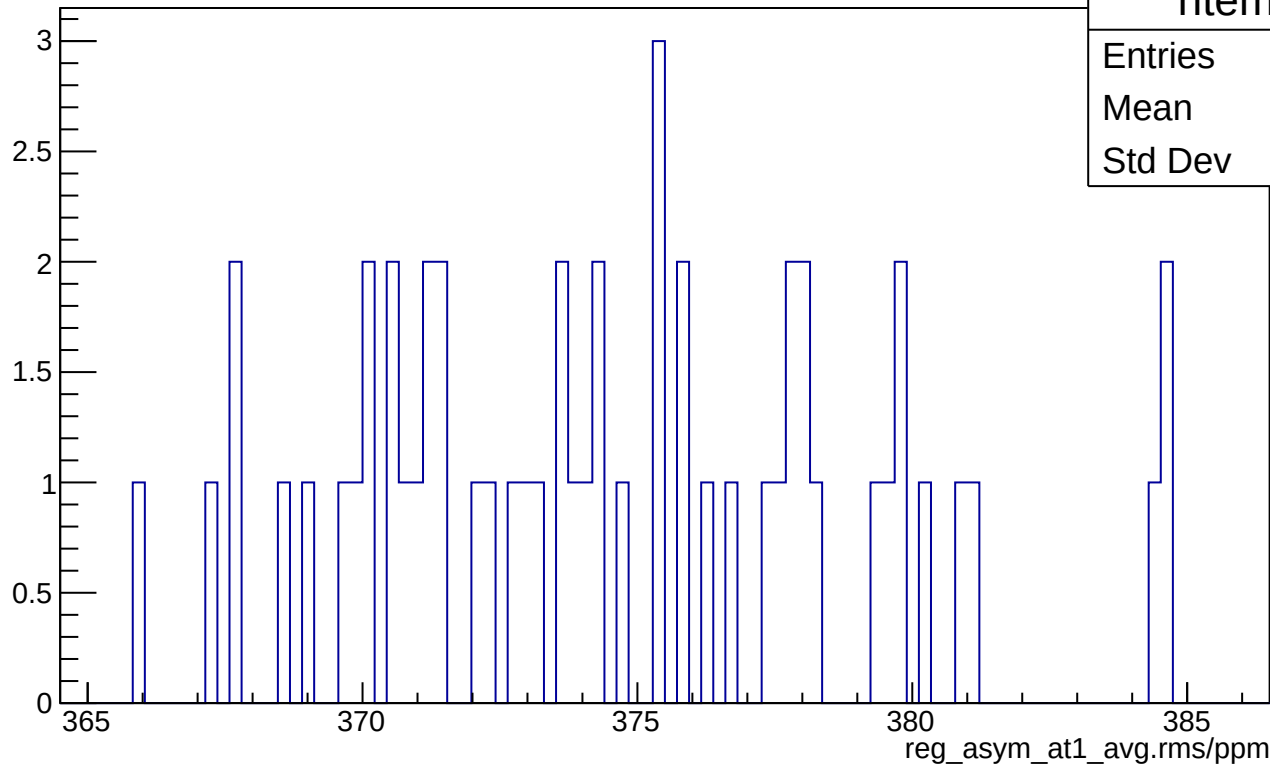
reg_asym_at1_avg.mean/ppb

χ^2 / ndf
p0

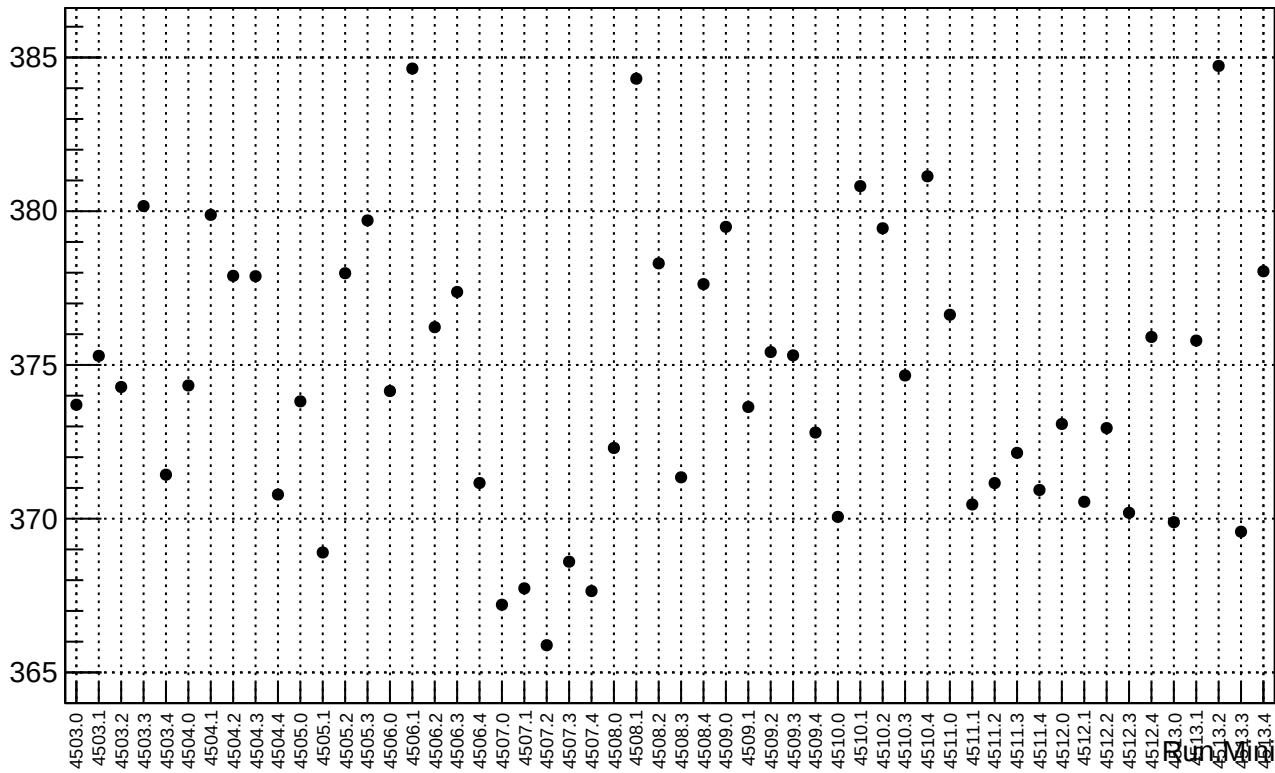
47.24 / 53
 12.71 ± 517.7



reg_asym_at1_avg.rms/ppm



reg_asym_at1_avg.rms/ppm



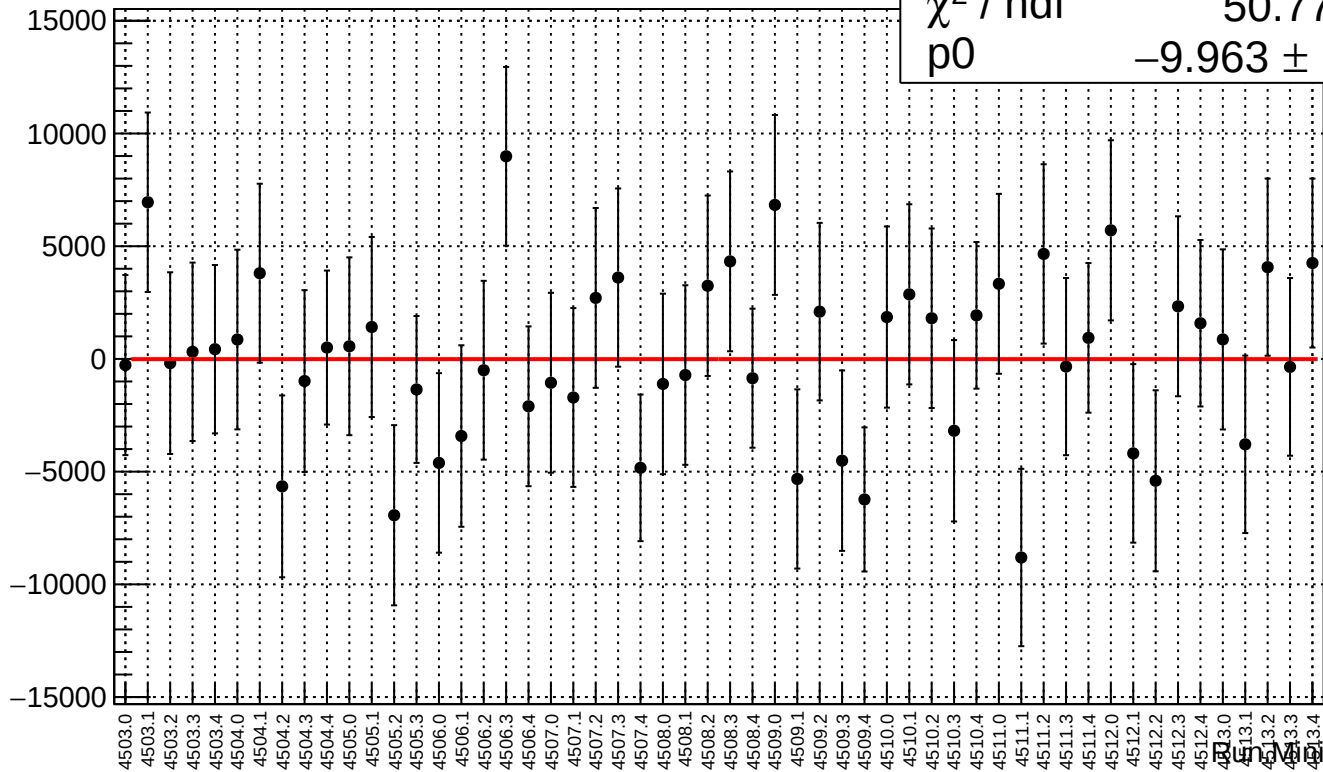
reg_asym_at1_dd.mean/ppb

χ^2 / ndf

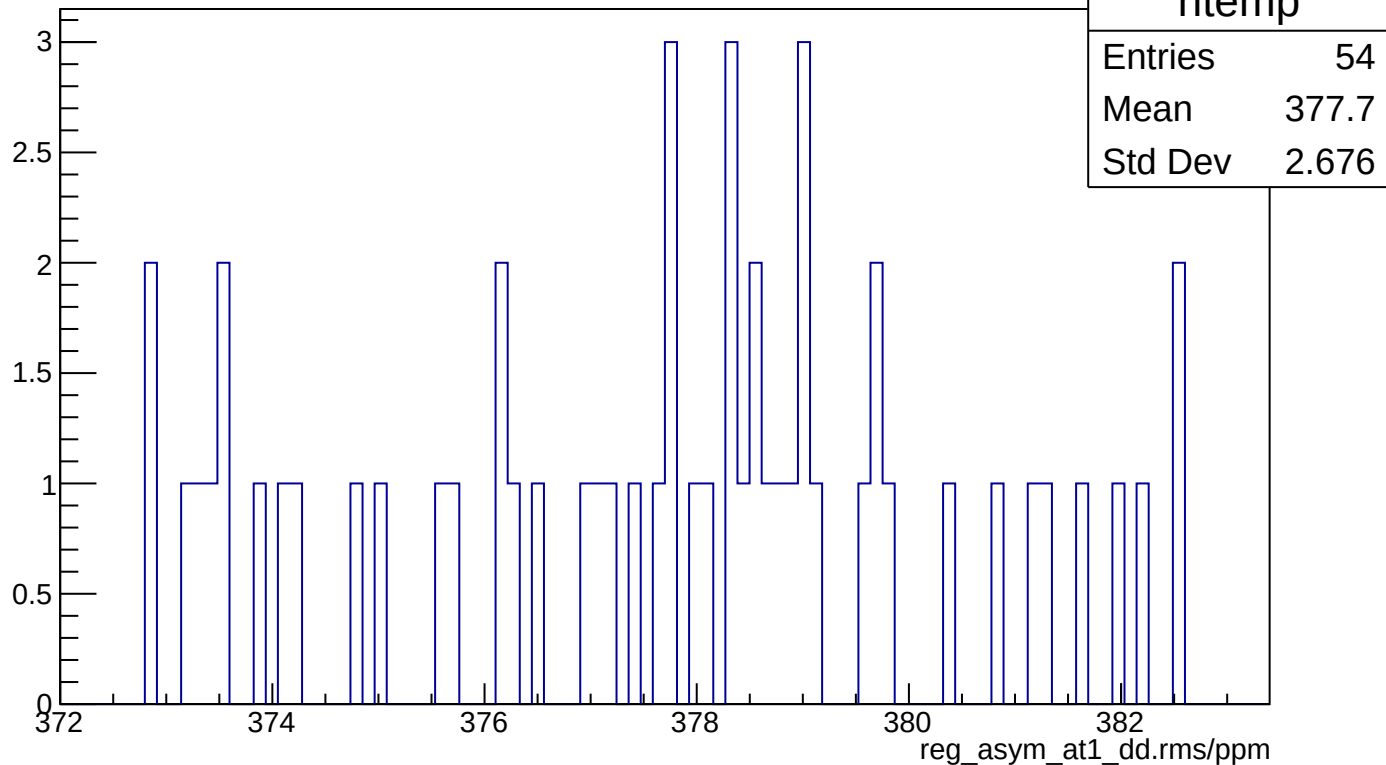
50.77 / 53

p0

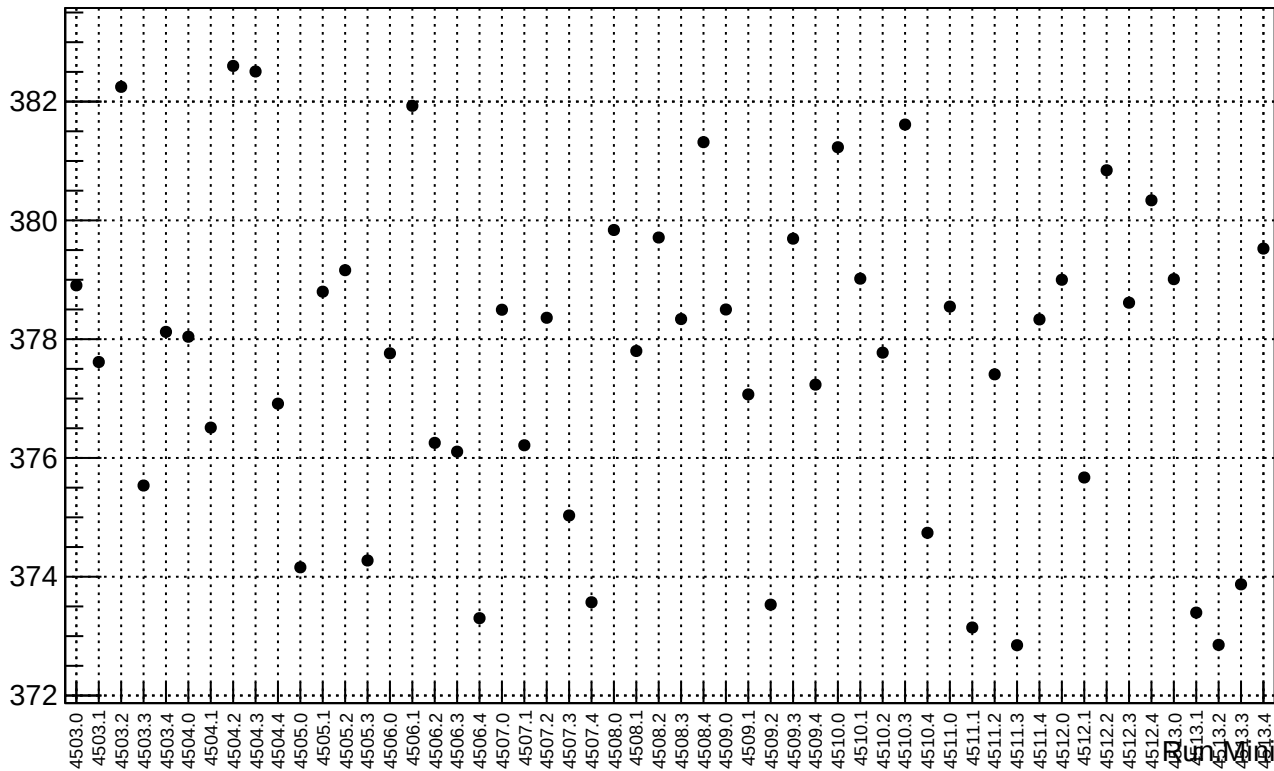
-9.963 ± 522



reg_asym_at1_dd.rms/ppm



reg_asym_at1_dd.rms/ppm



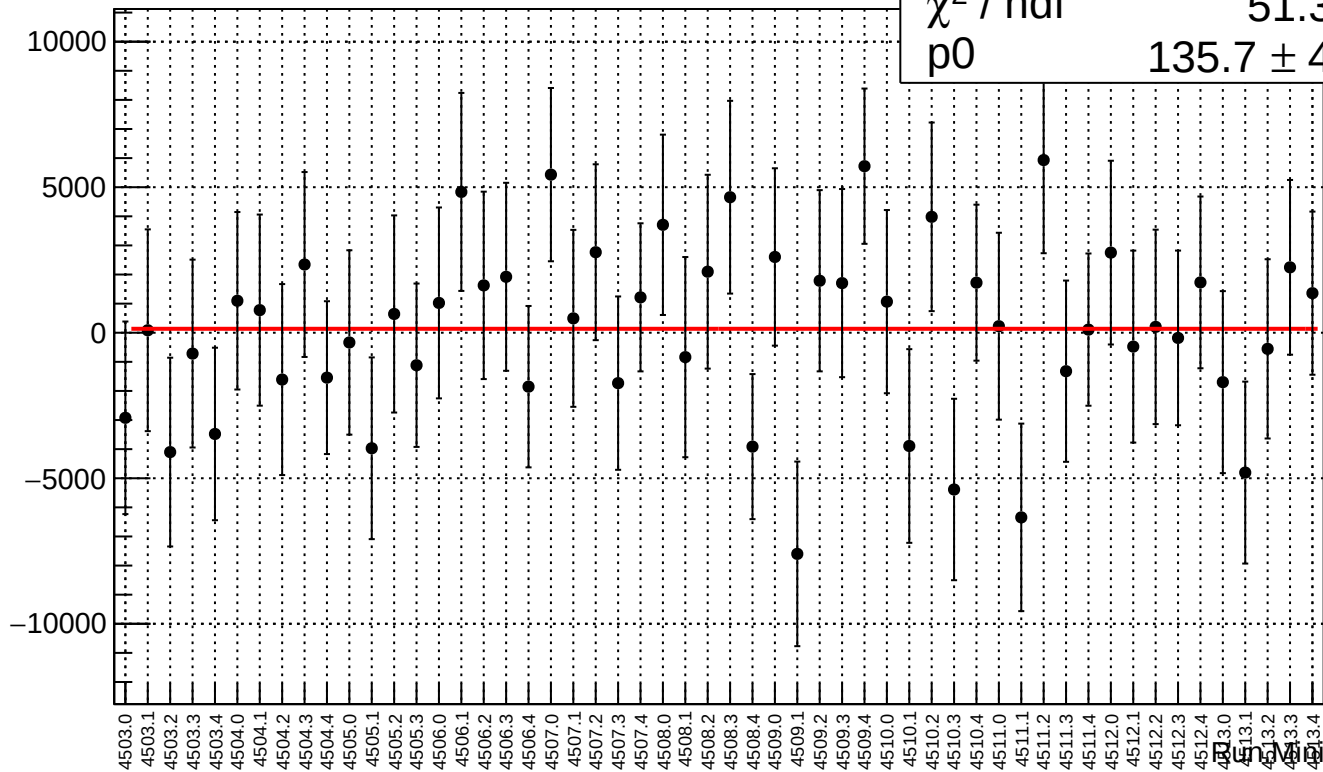
reg_asym_at2_avg.mean/ppb

χ^2 / ndf

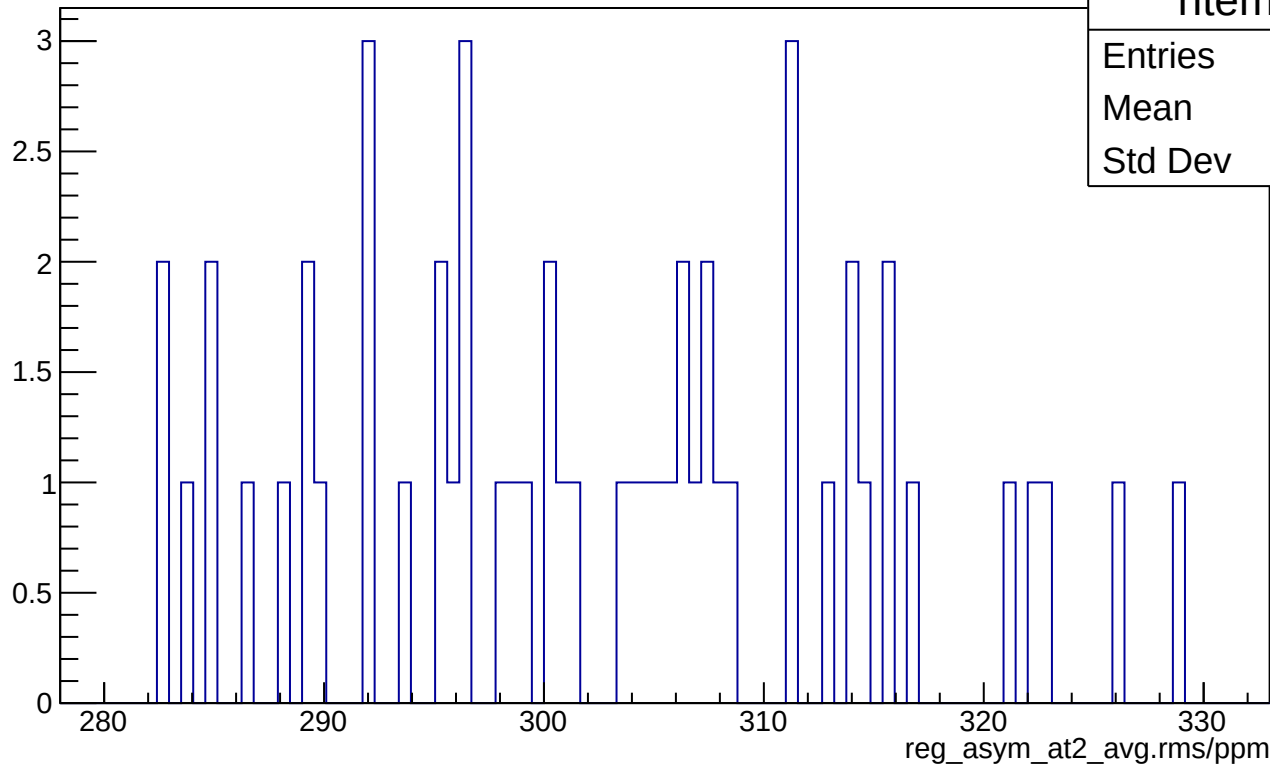
51.3 / 53

p0

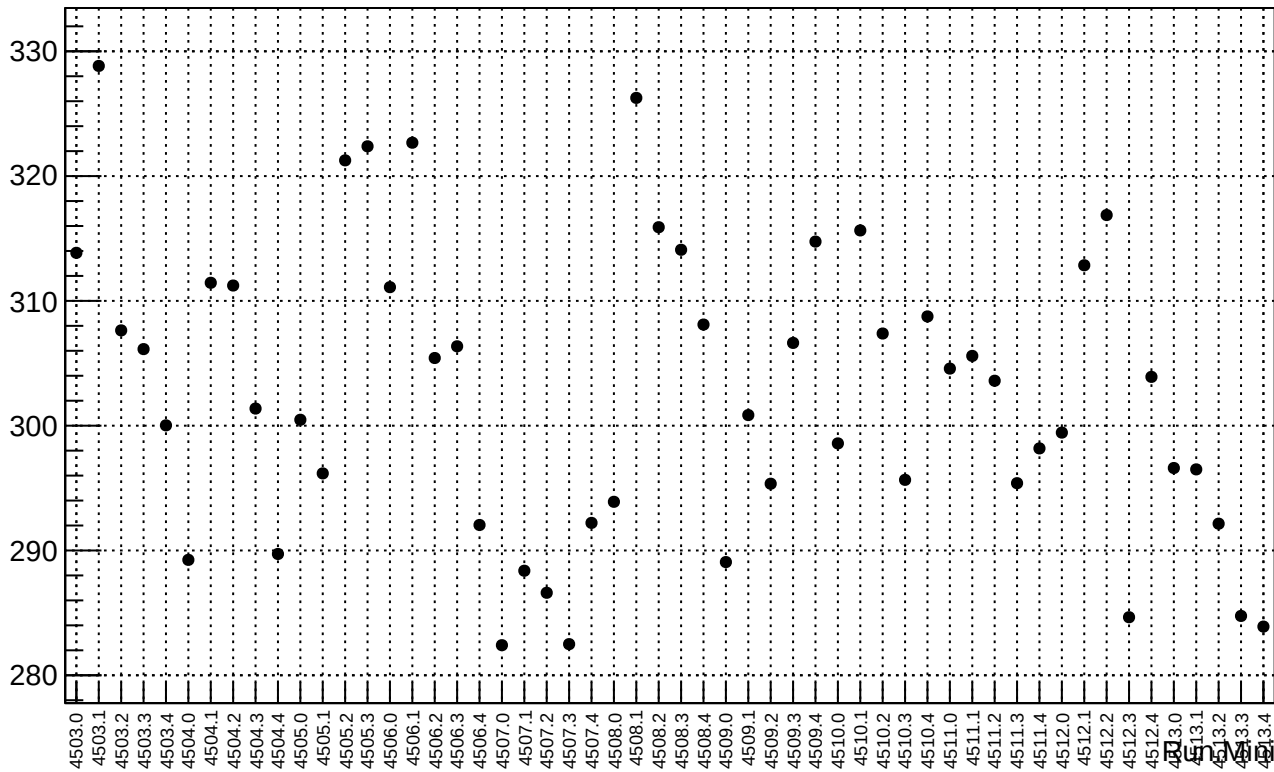
135.7 ± 417.5



reg_asym_at2_avg.rms/ppm



reg_asym_at2_avg.rms/ppm

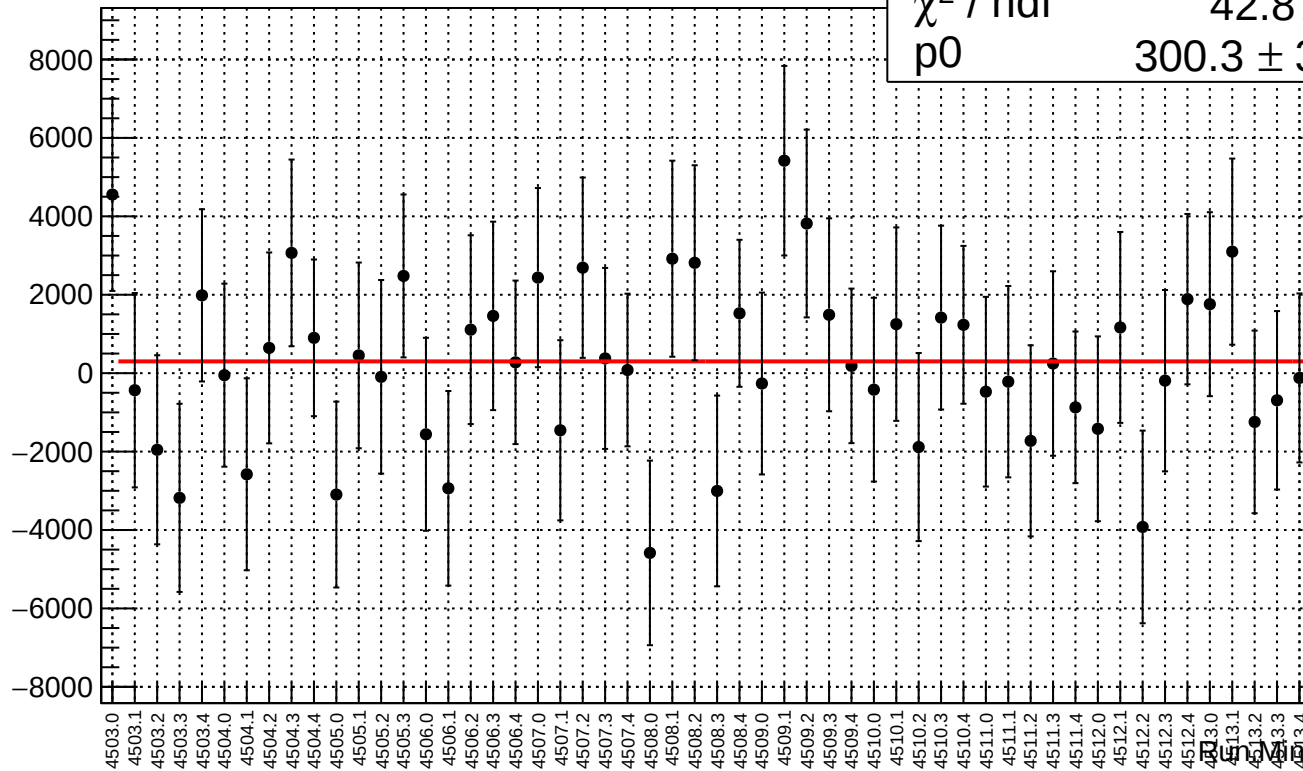


reg_asym_at2_dd.mean/ppb

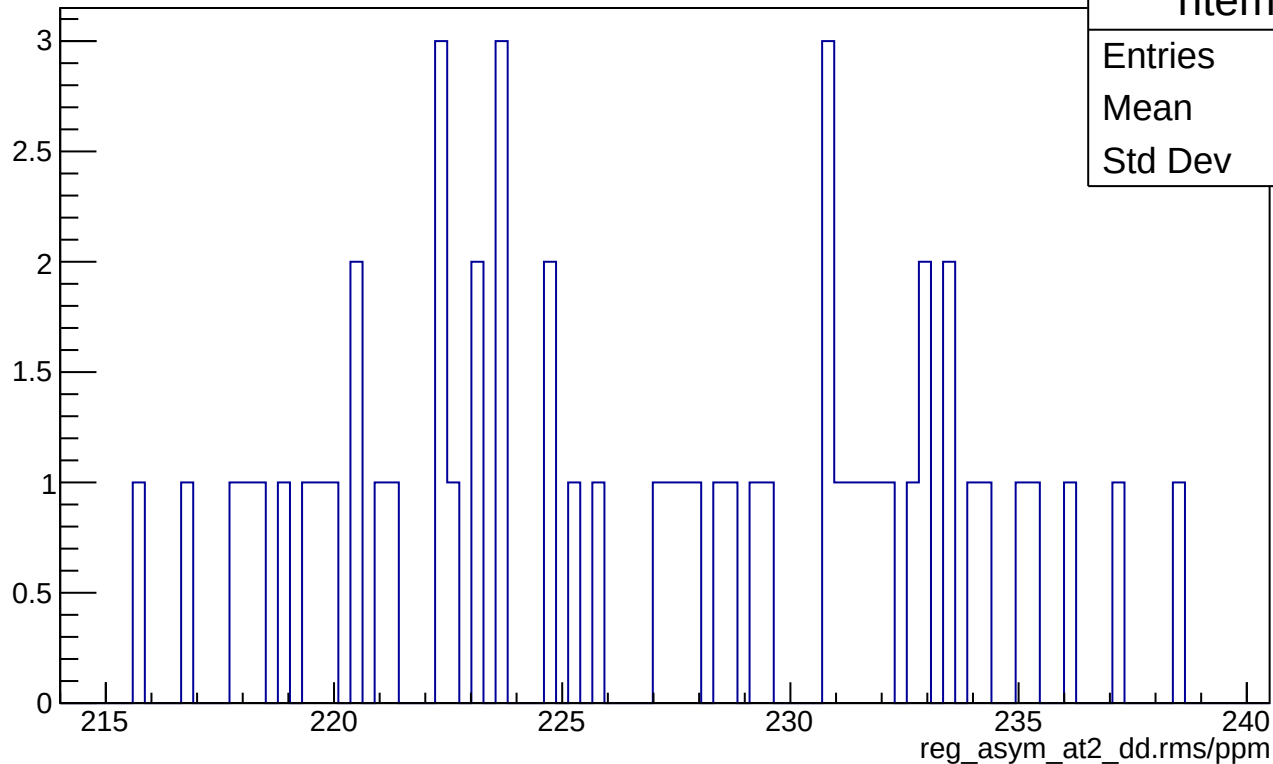
χ^2 / ndf
p0

42.87 / 53

300.3 ± 313.3



reg_asym_at2_dd.rms/ppm



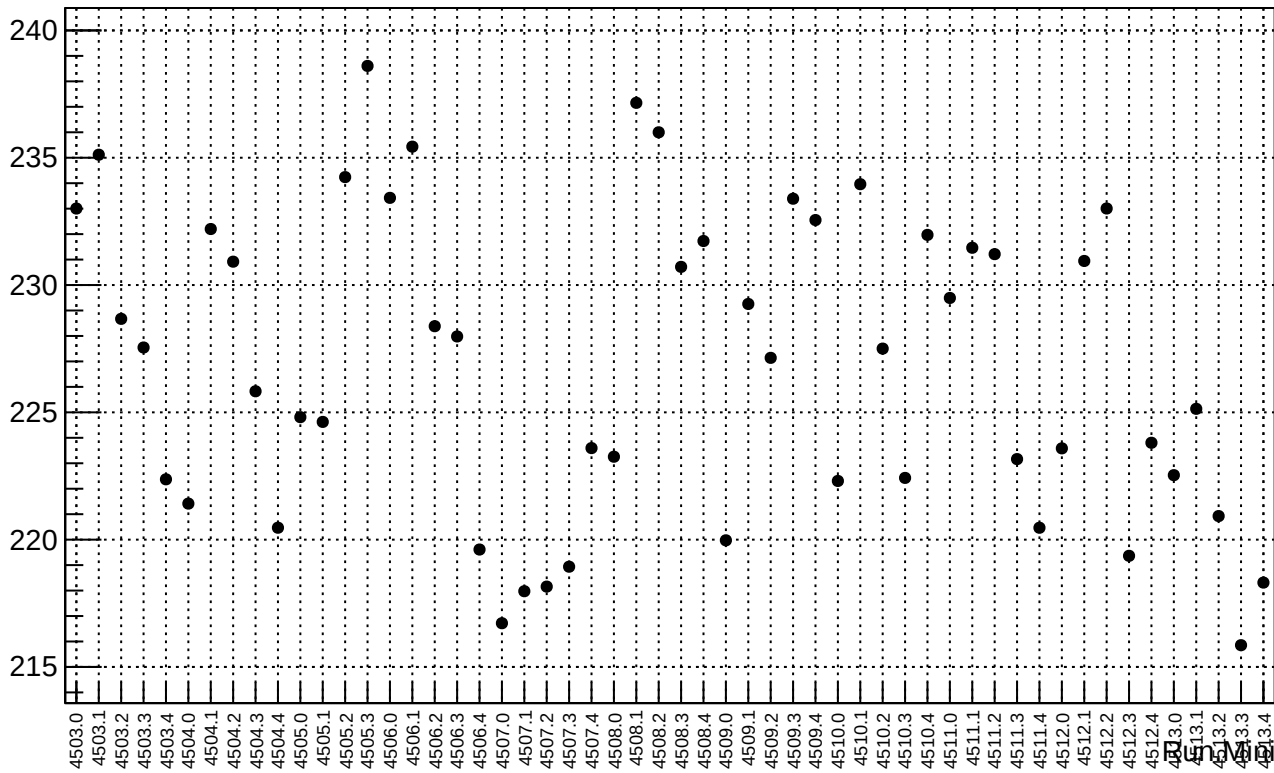
htemp

Entries 54

Mean 226.8

Std Dev 5.966

reg_asym_at2_dd.rms/ppm

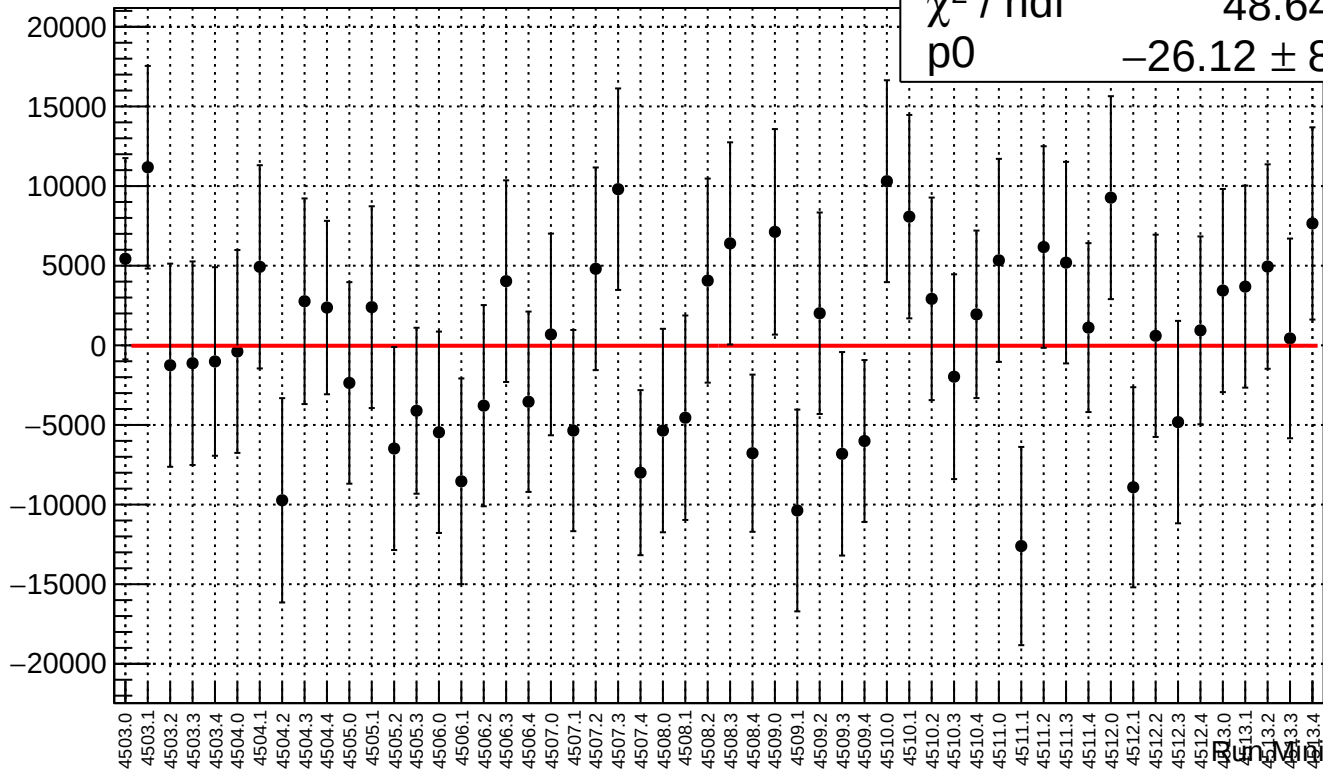


reg_asym_atl1.mean/ppb

χ^2 / ndf
p0

48.64 / 53

-26.12 ± 833.8

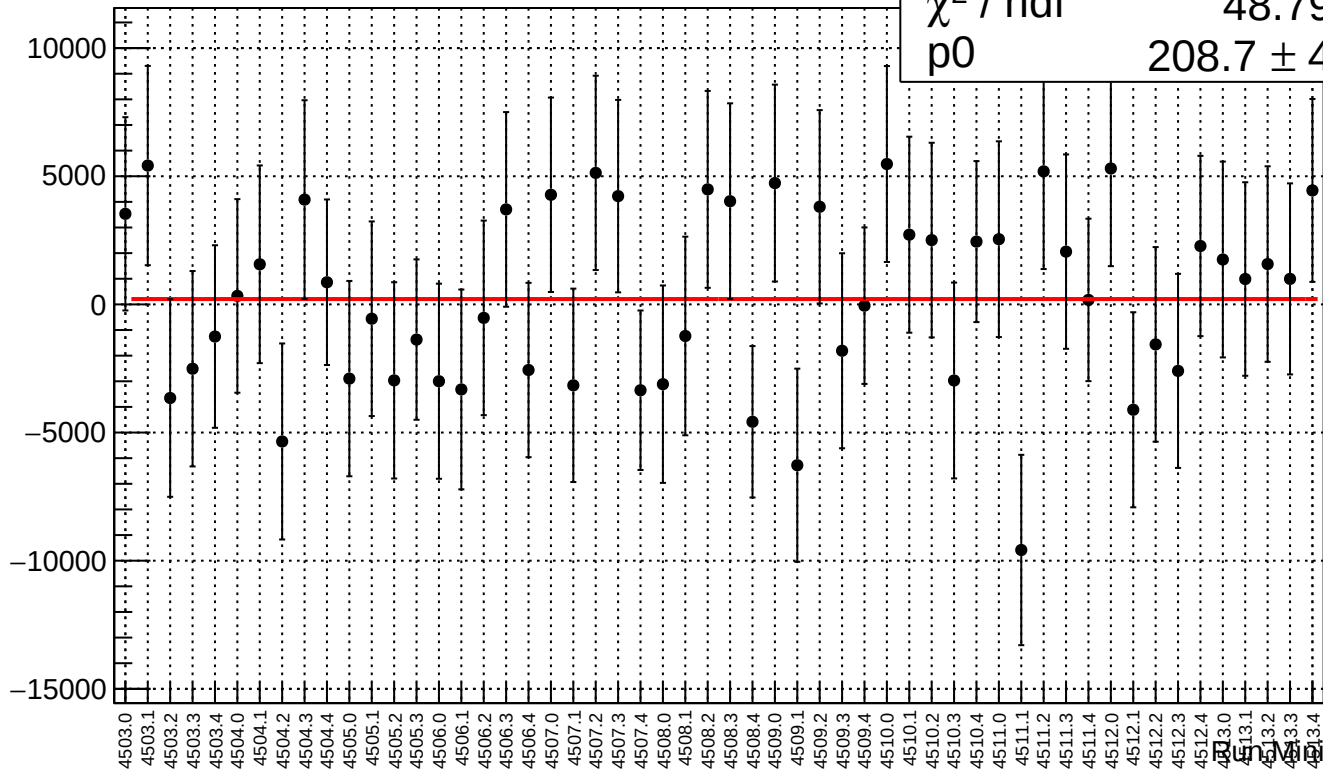


reg_asym_atl1r2_avg.mean/ppb

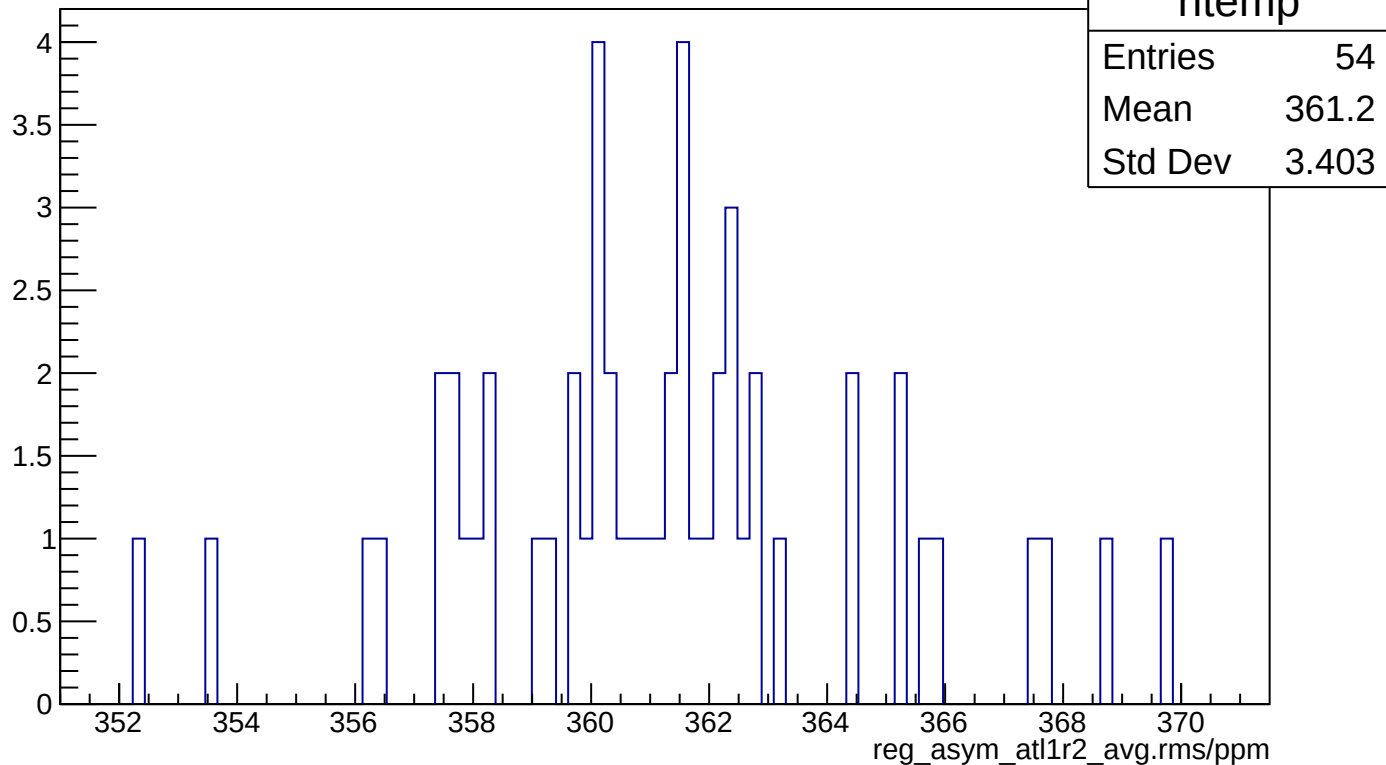
χ^2 / ndf
p0

48.79 / 53

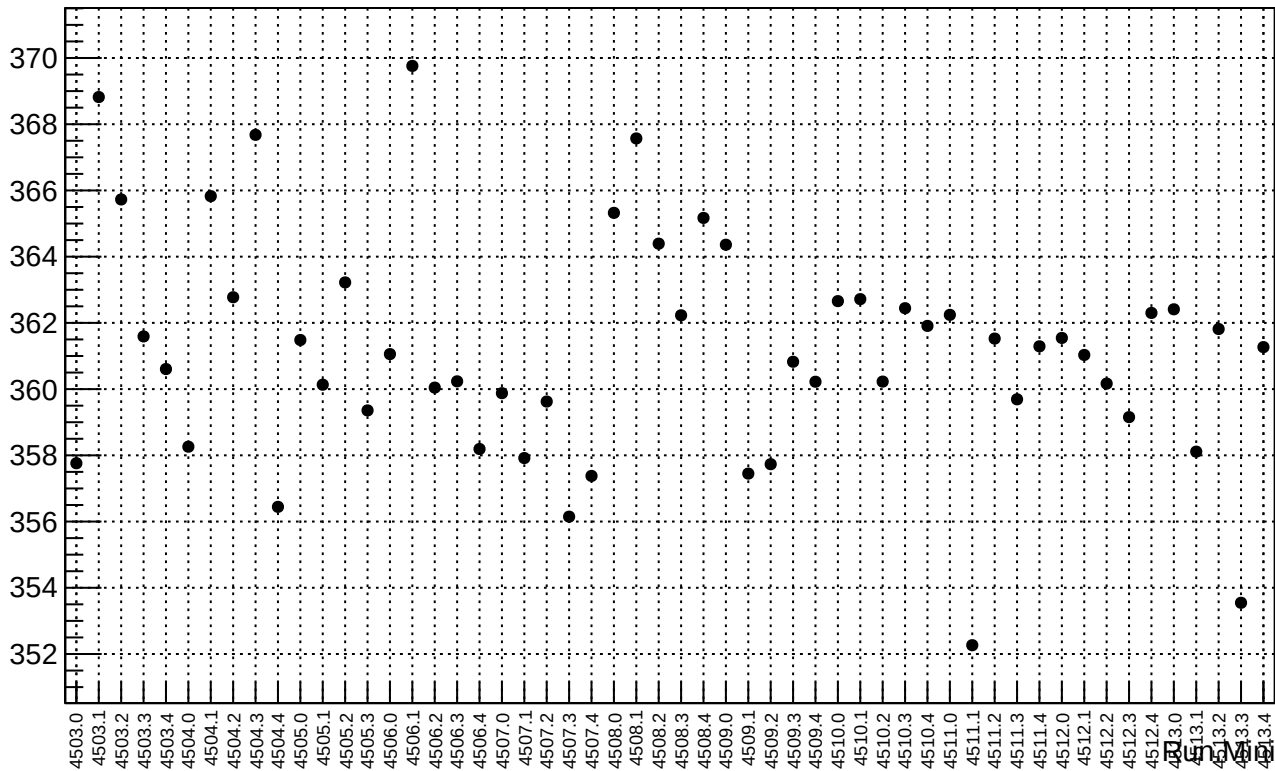
208.7 ± 499.2



reg_asym_atl1r2_avg.rms/ppm



reg_asym_atl1r2_avg.rms/ppm



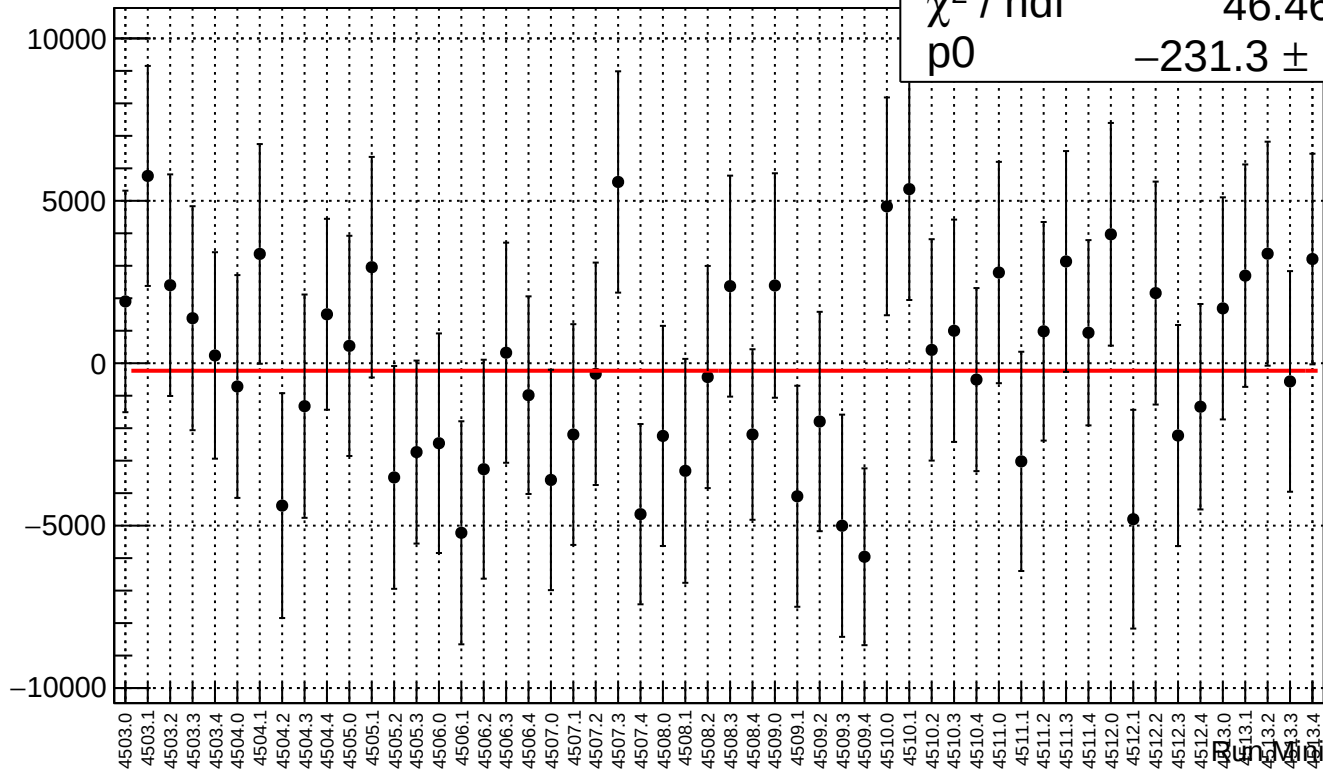
reg_asym_atl1r2_dd.mean/ppb

χ^2 / ndf

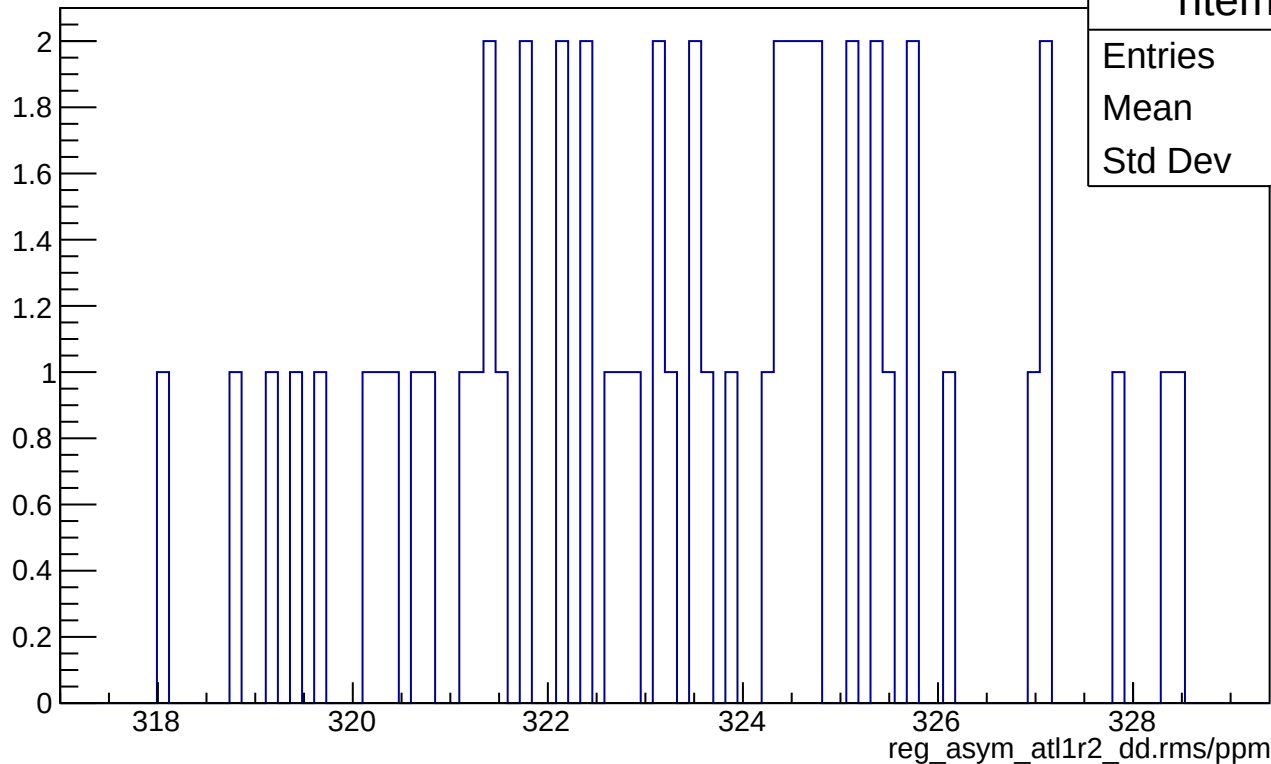
46.46 / 53

p0

-231.3 ± 447



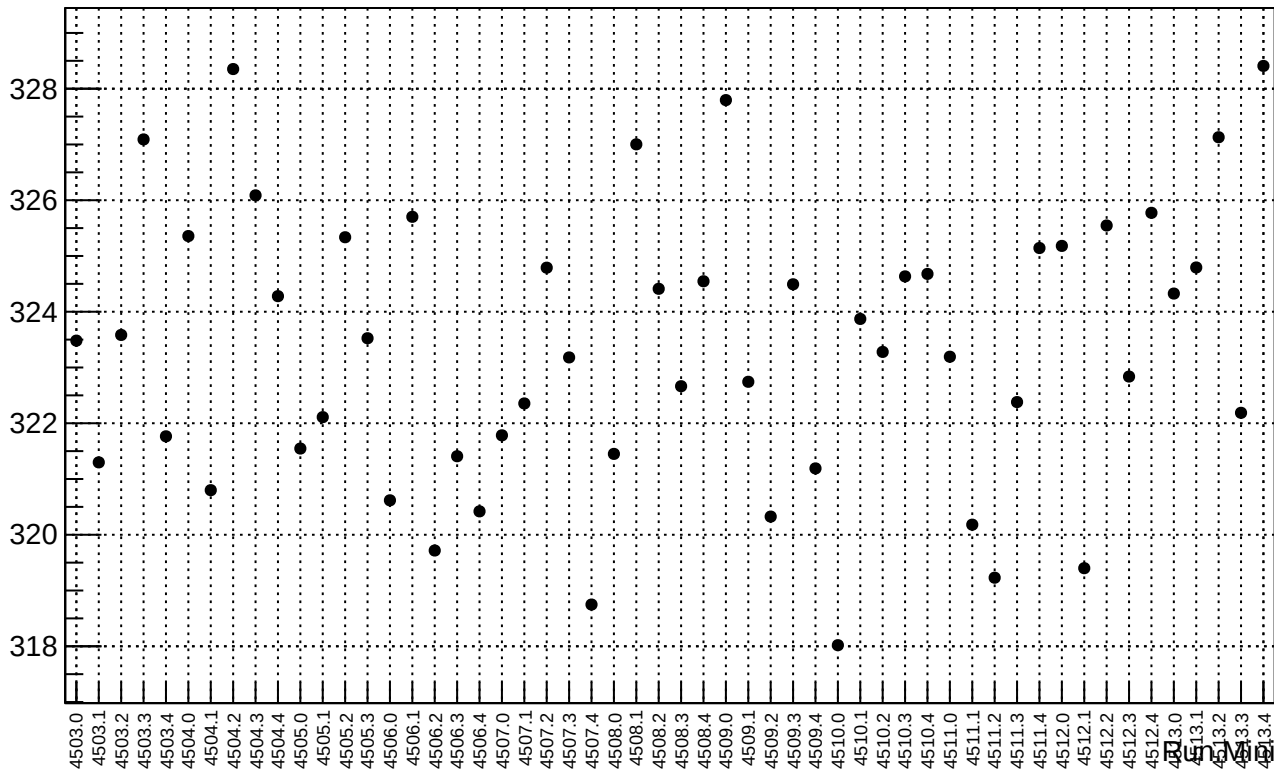
reg_asym_atl1r2_dd.rms/ppm



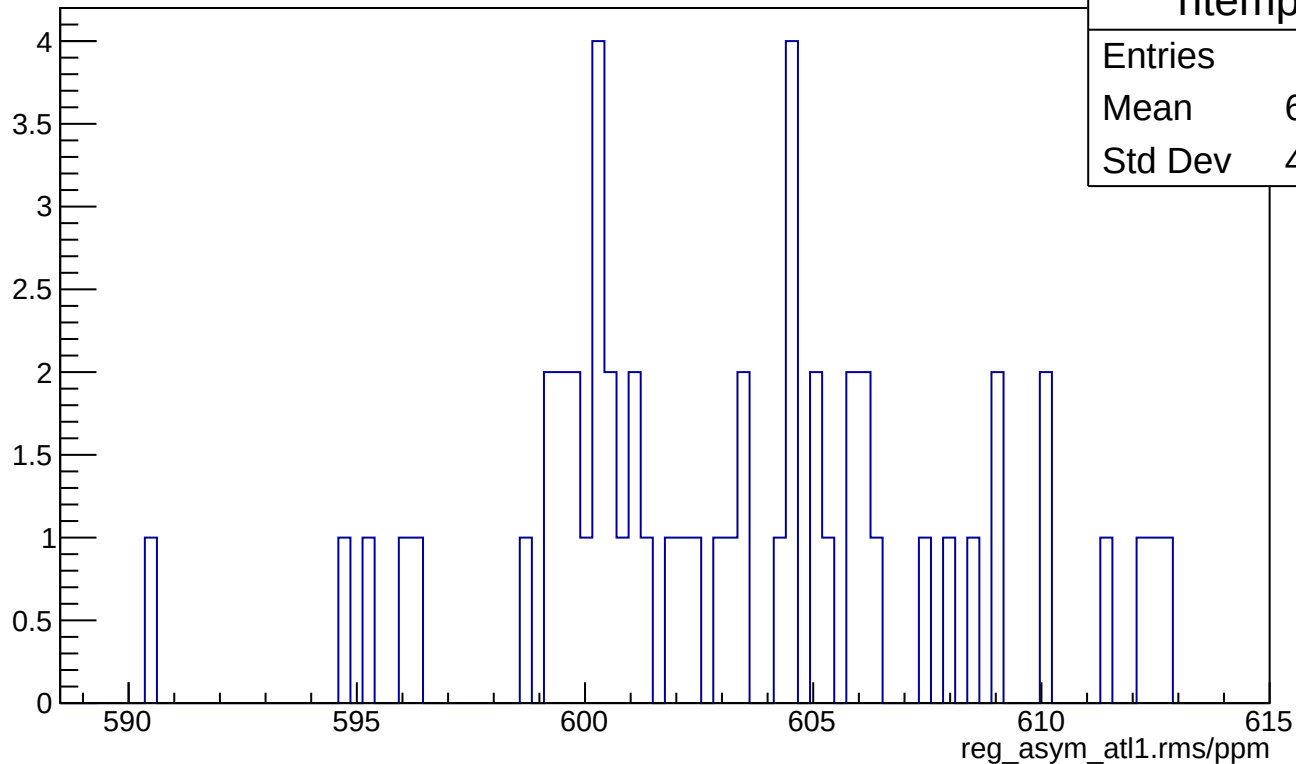
htemp

Entries	54
Mean	323.3
Std Dev	2.477

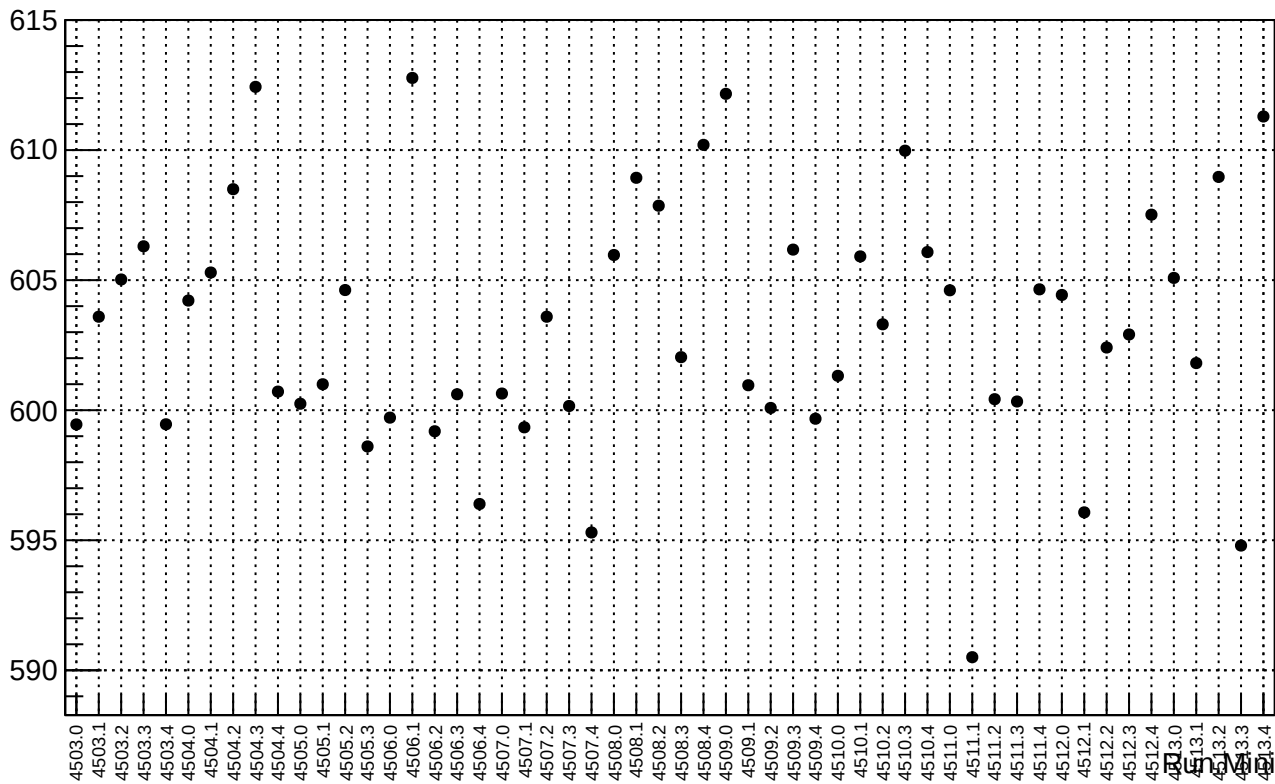
reg_asym_atl1r2_dd.rms/ppm



reg_asym_atl1.rms/ppm



reg_asym_atl1.rms/ppm



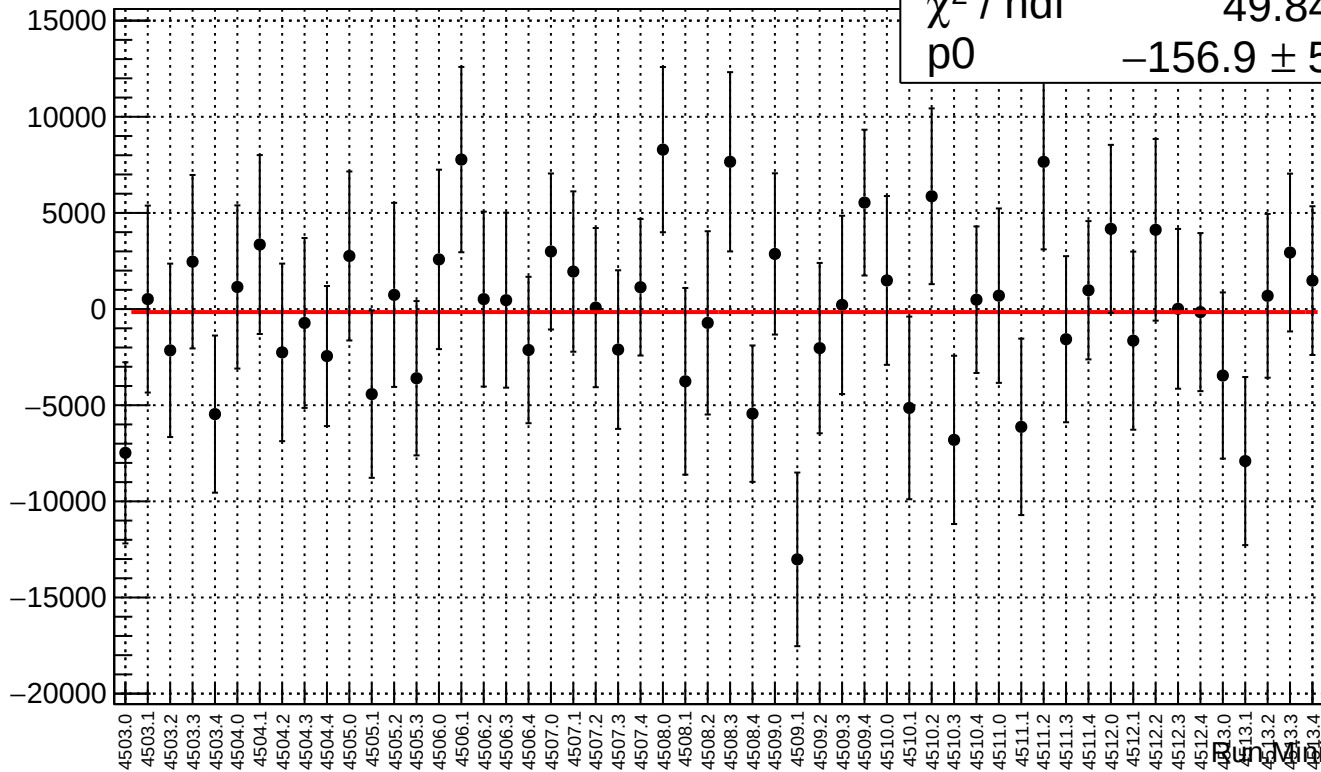
reg_asym_atl2.mean/ppb

χ^2 / ndf

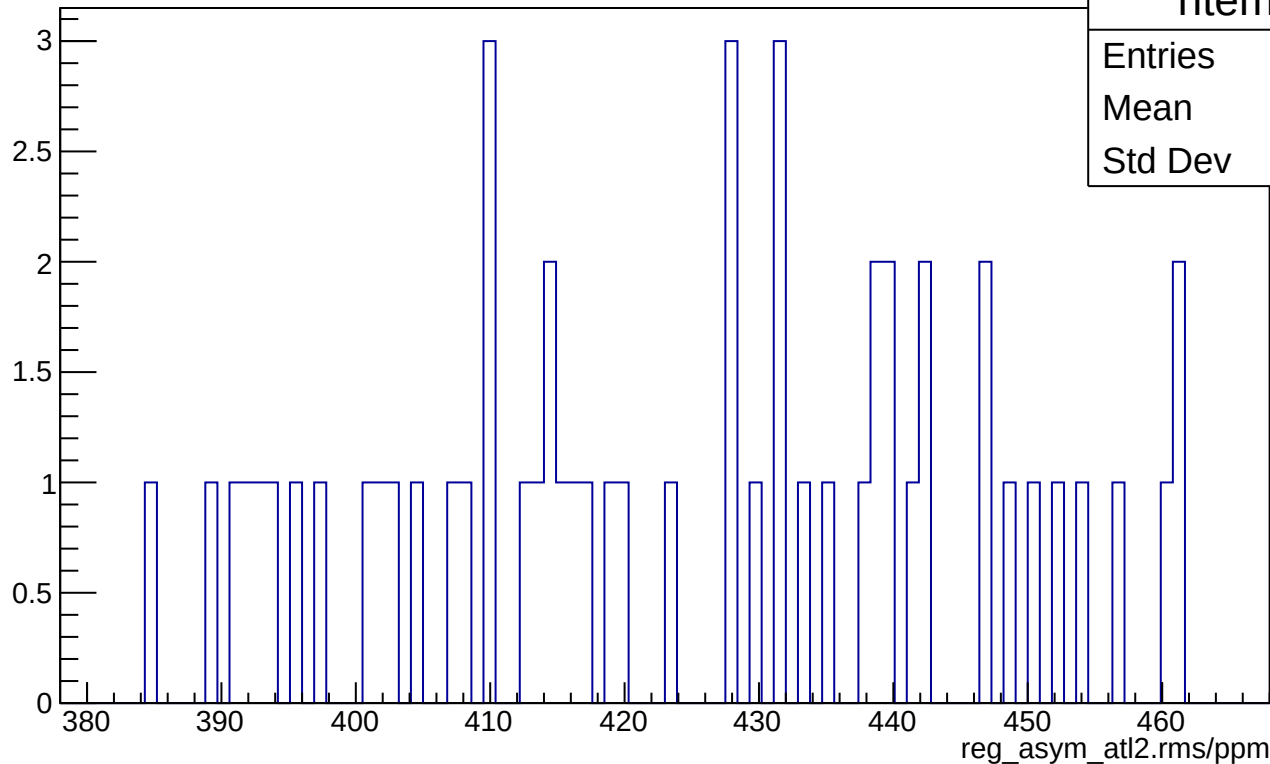
49.84 / 53

p0

-156.9 ± 584.4



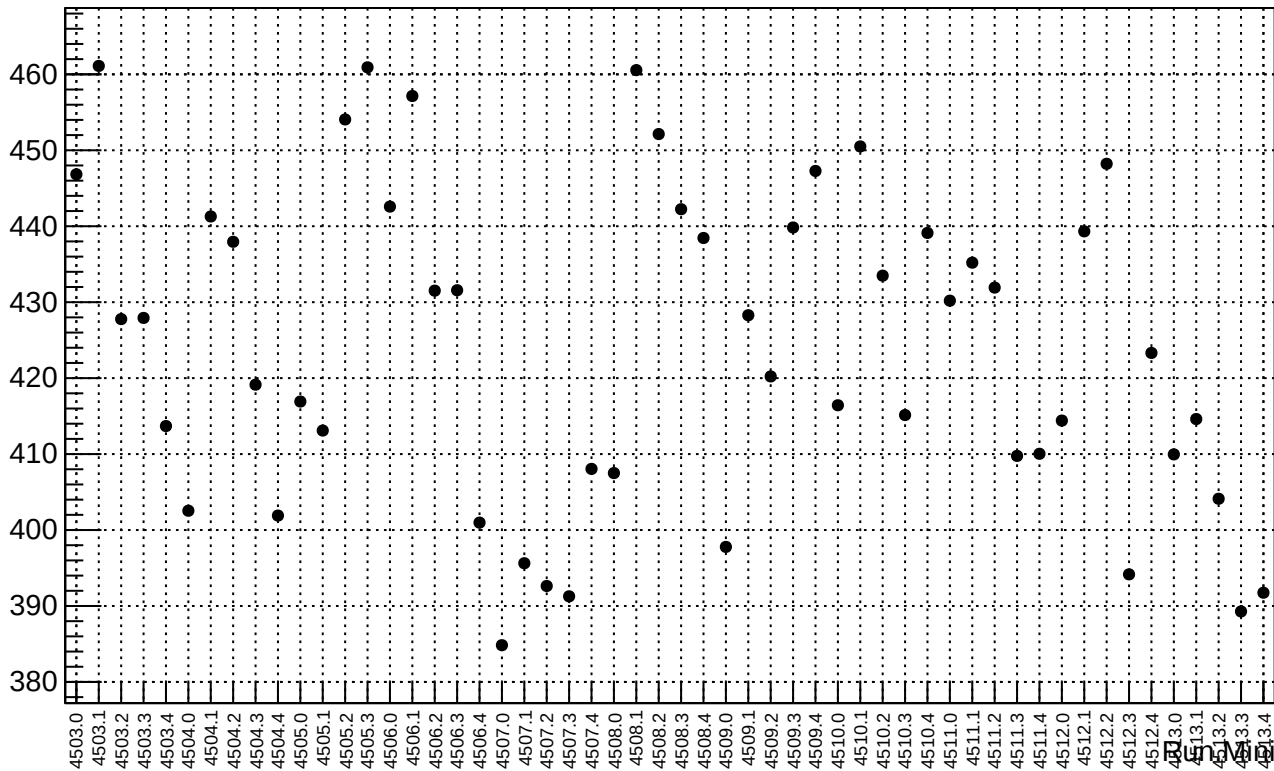
reg_asym_atl2.rms/ppm



htemp

Entries	54
Mean	424
Std Dev	20.92

reg_asym_atl2.rms/ppm



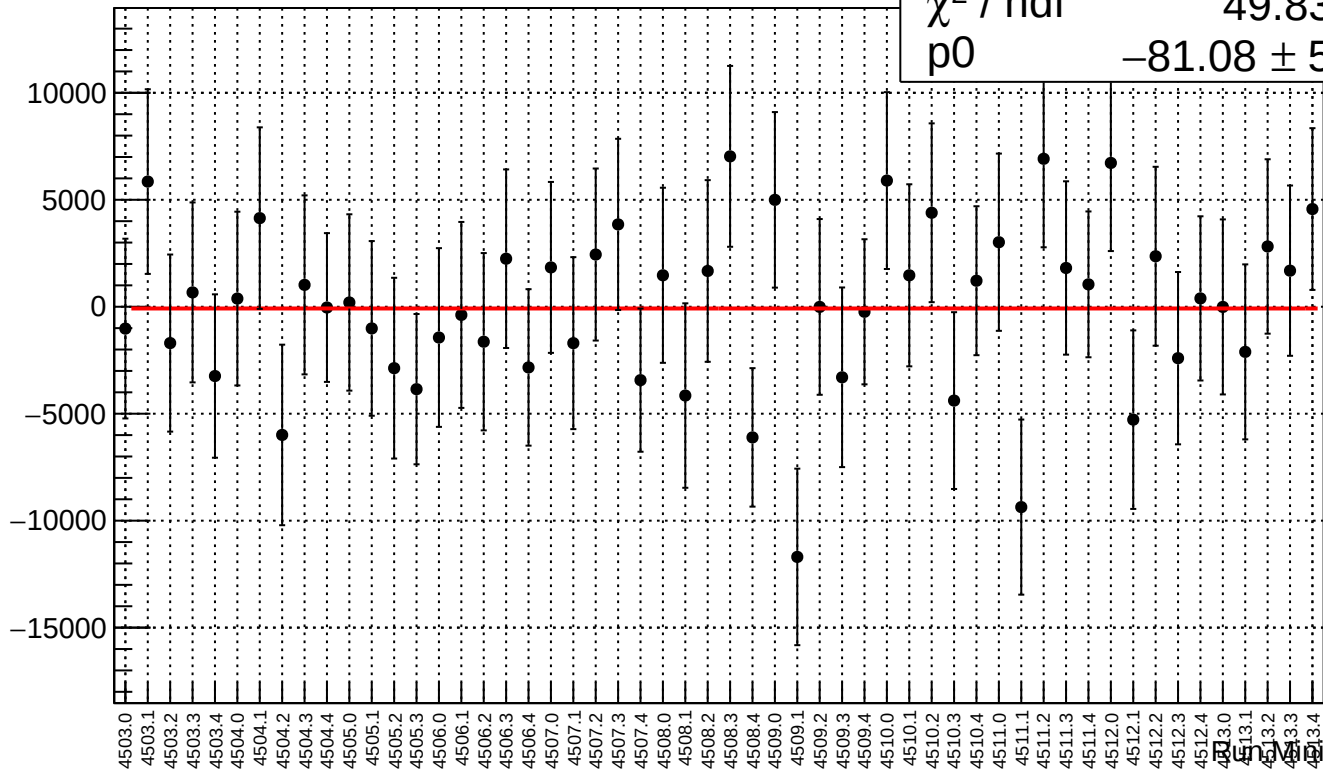
reg_asym_atl_avg.mean/ppb

χ^2 / ndf

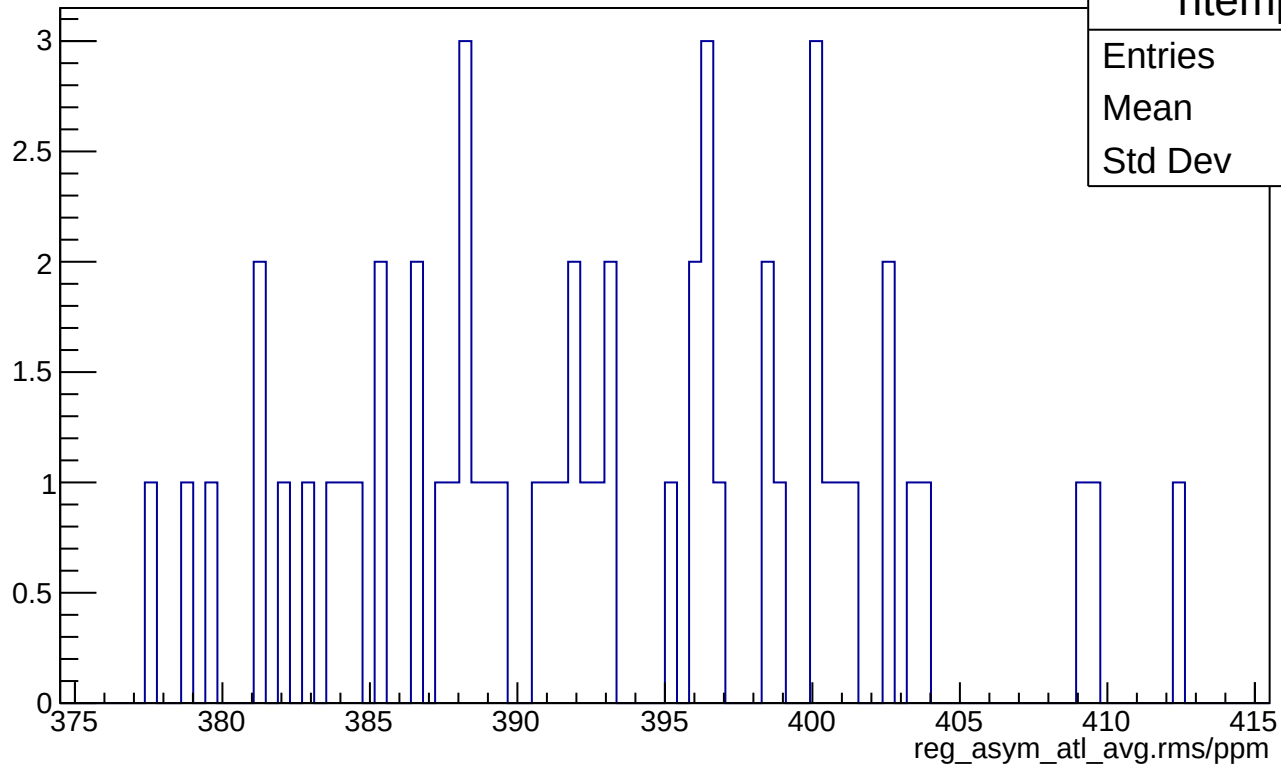
49.83 / 53

p0

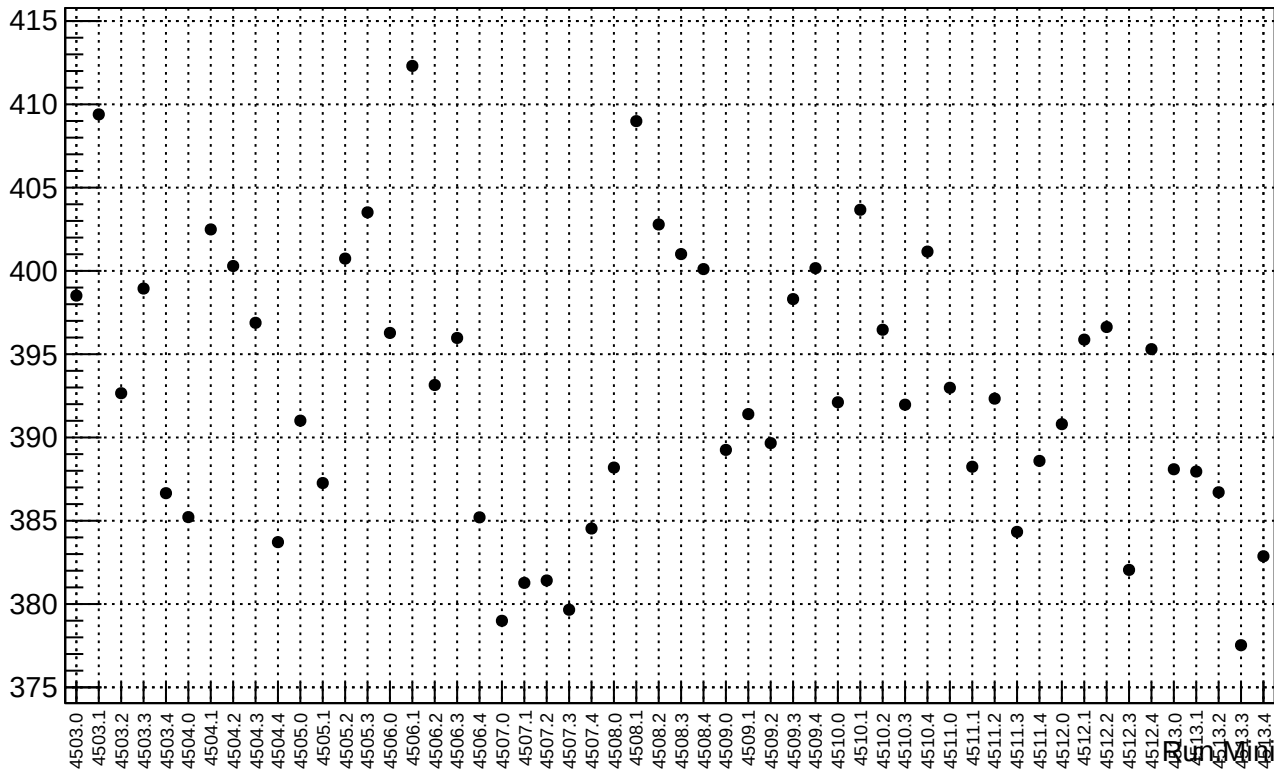
-81.08 ± 542.8



reg_asym_atl_avg.rms/ppm



reg_asym_atl_avg.rms/ppm

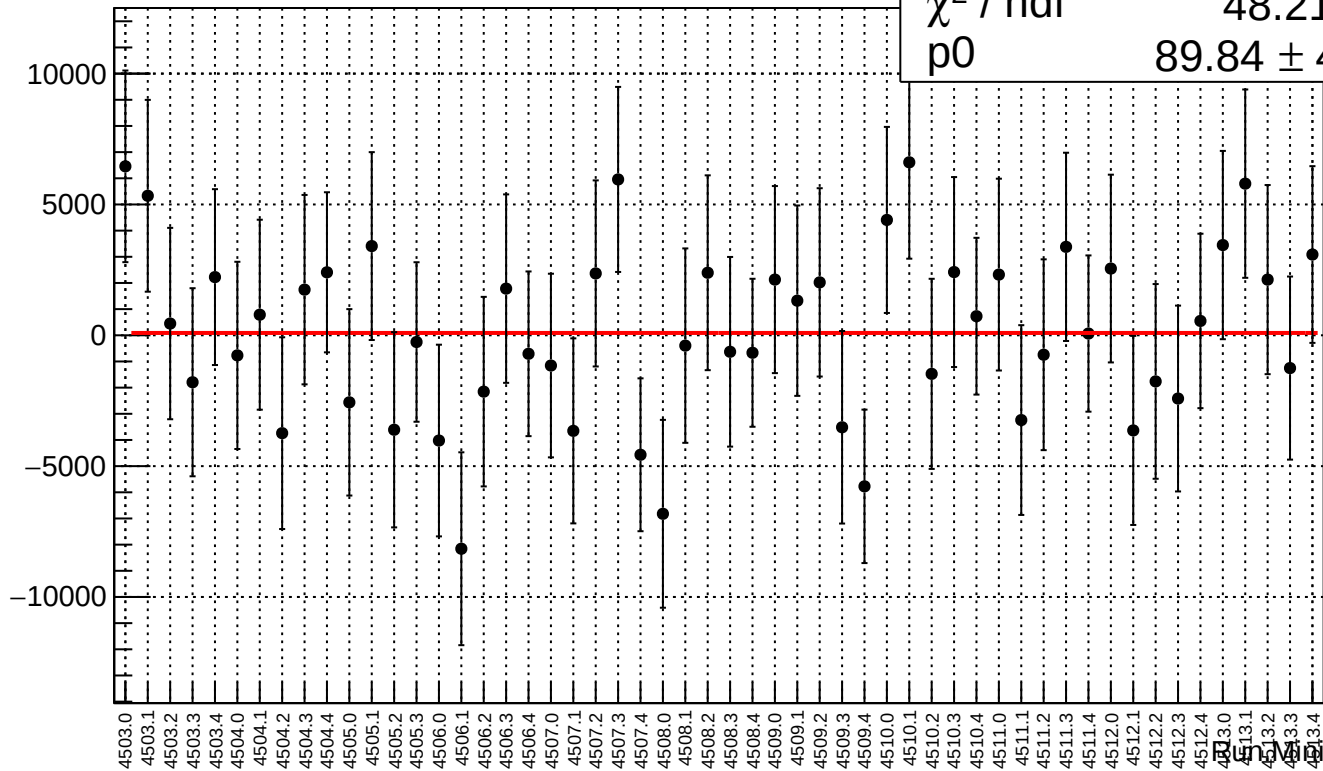


reg_asym_atl_dd.mean/ppb

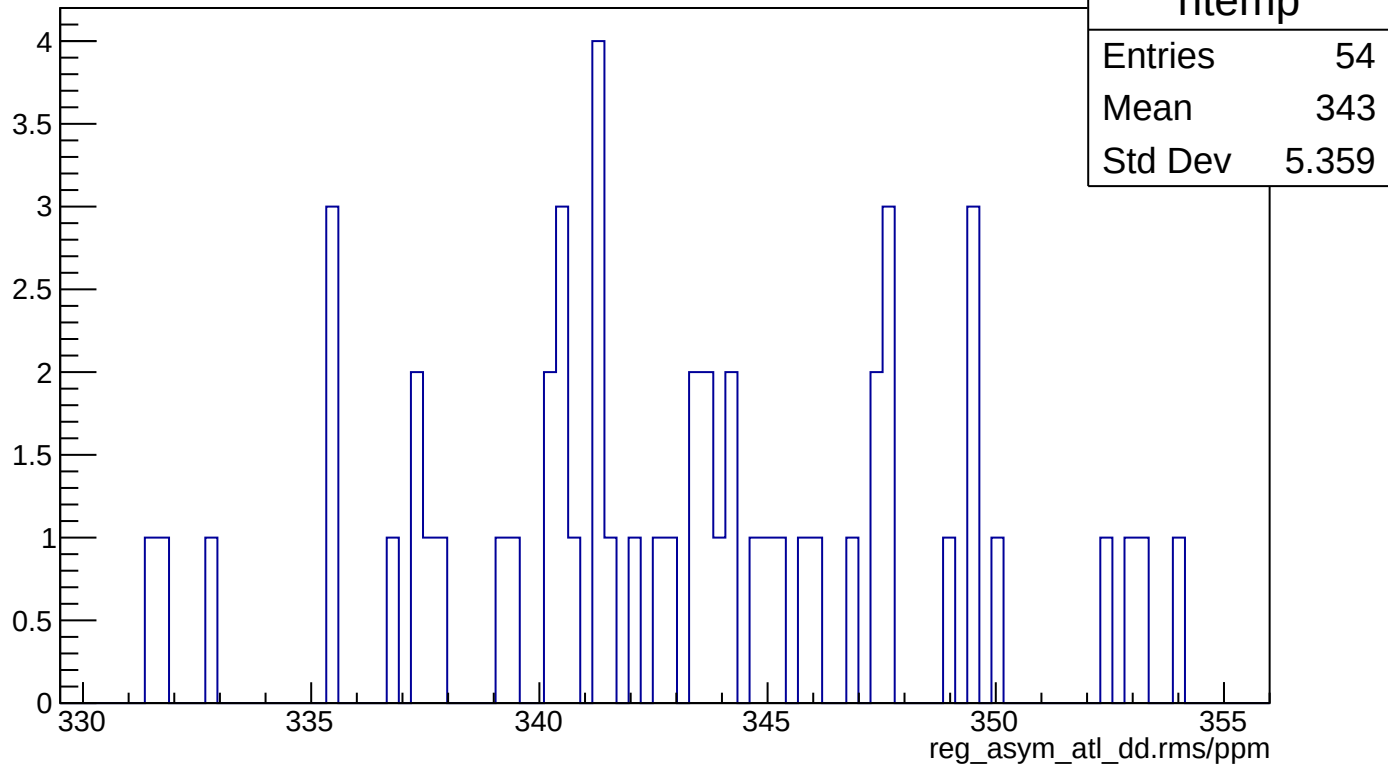
χ^2 / ndf
p0

48.21 / 53

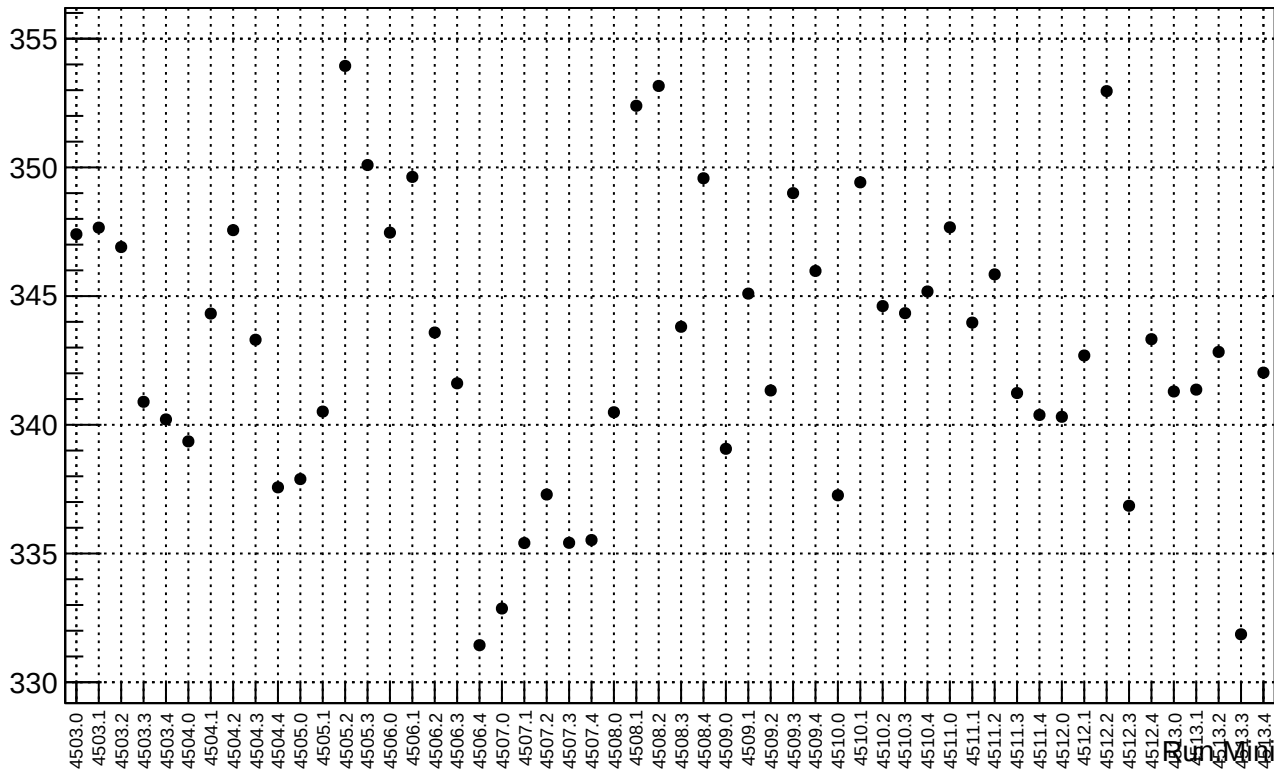
89.84 ± 474.1



reg_asym_atl_dd.rms/ppm



reg_asym_atl_dd.rms/ppm



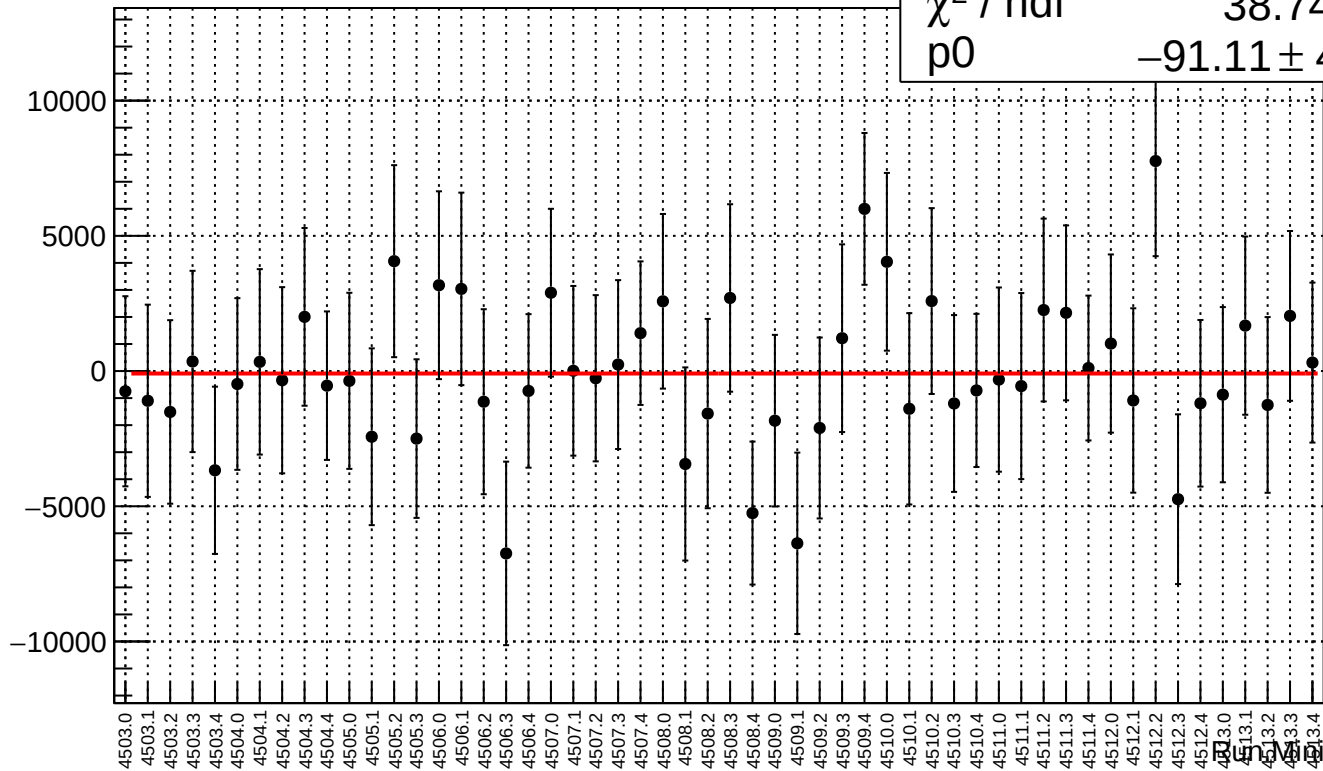
reg_asym_atr1l2_avg.mean/ppb

χ^2 / ndf

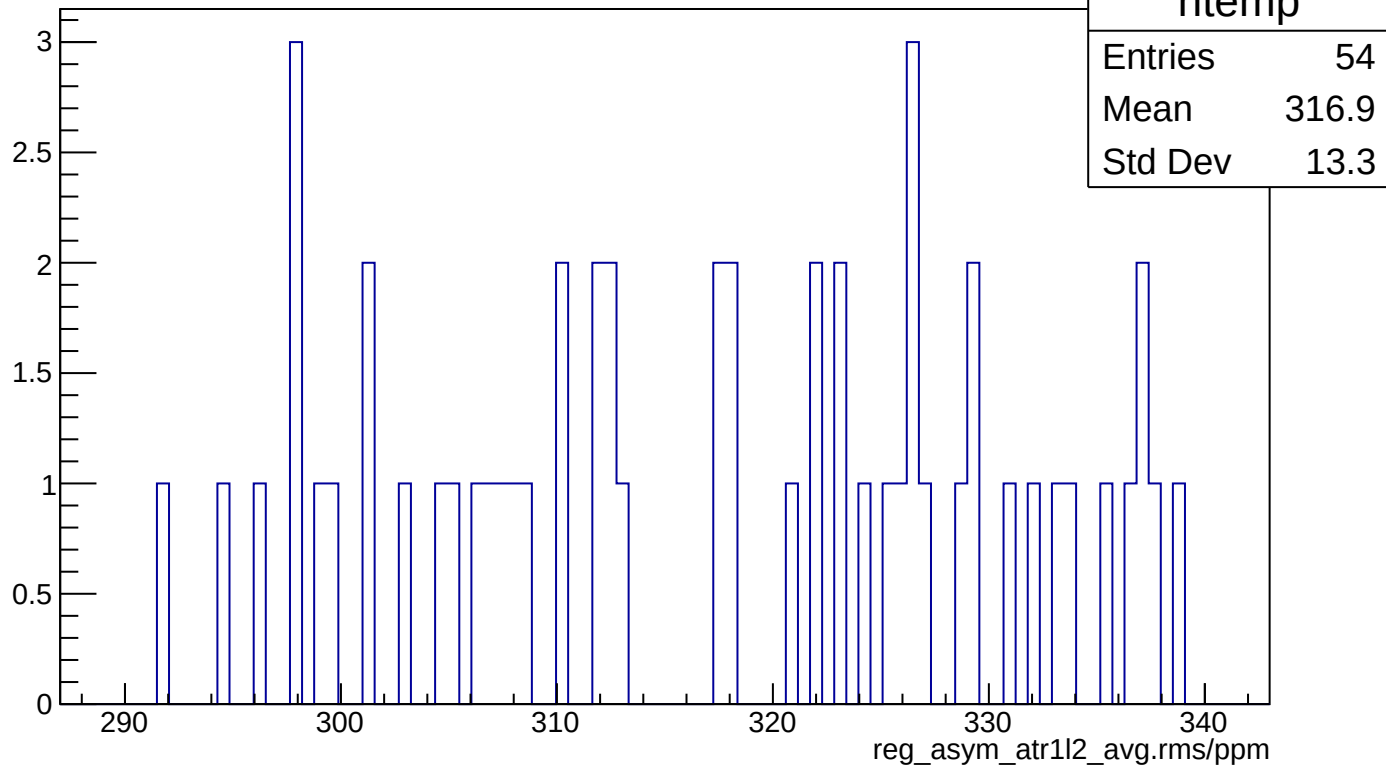
38.74 / 53

p0

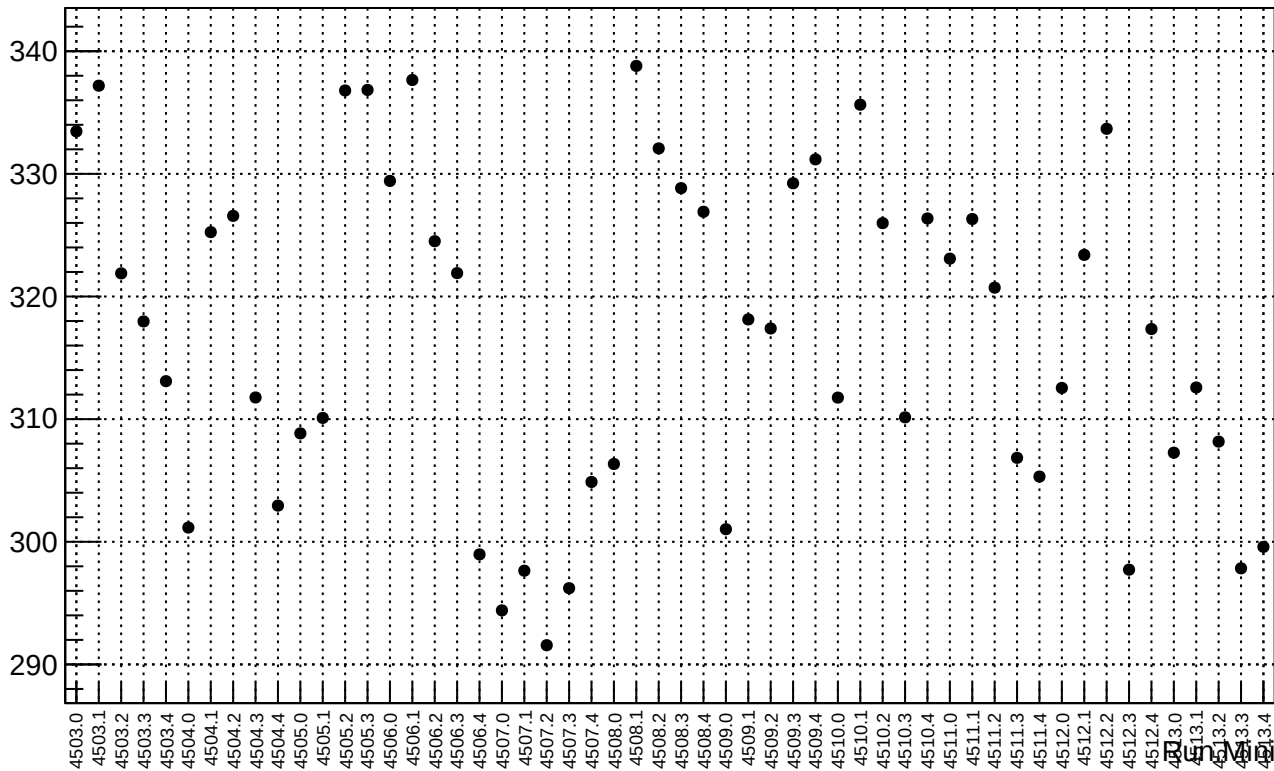
-91.11 ± 437.1



reg_asym_atr1l2_avg.rms/ppm



reg_asym_atr1l2_avg.rms/ppm

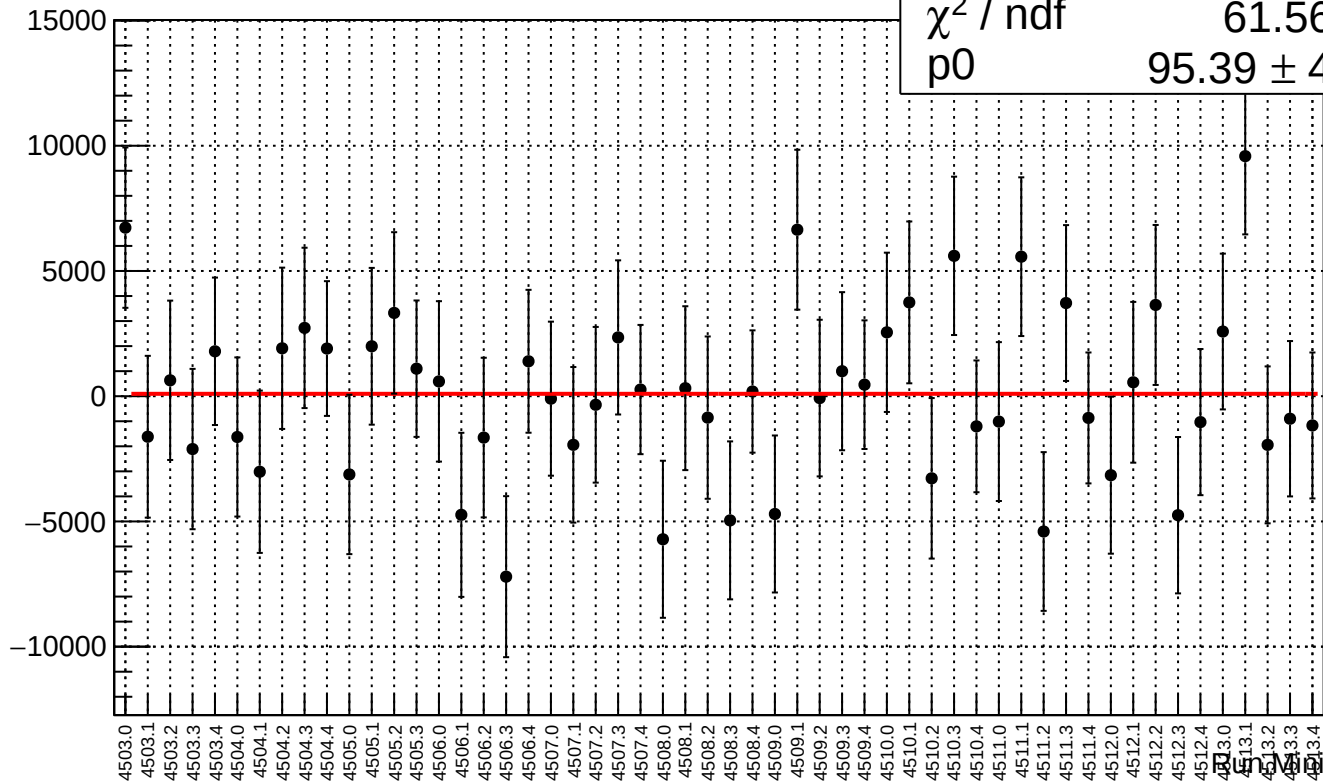


reg_asym_atr1l2_dd.mean/ppb

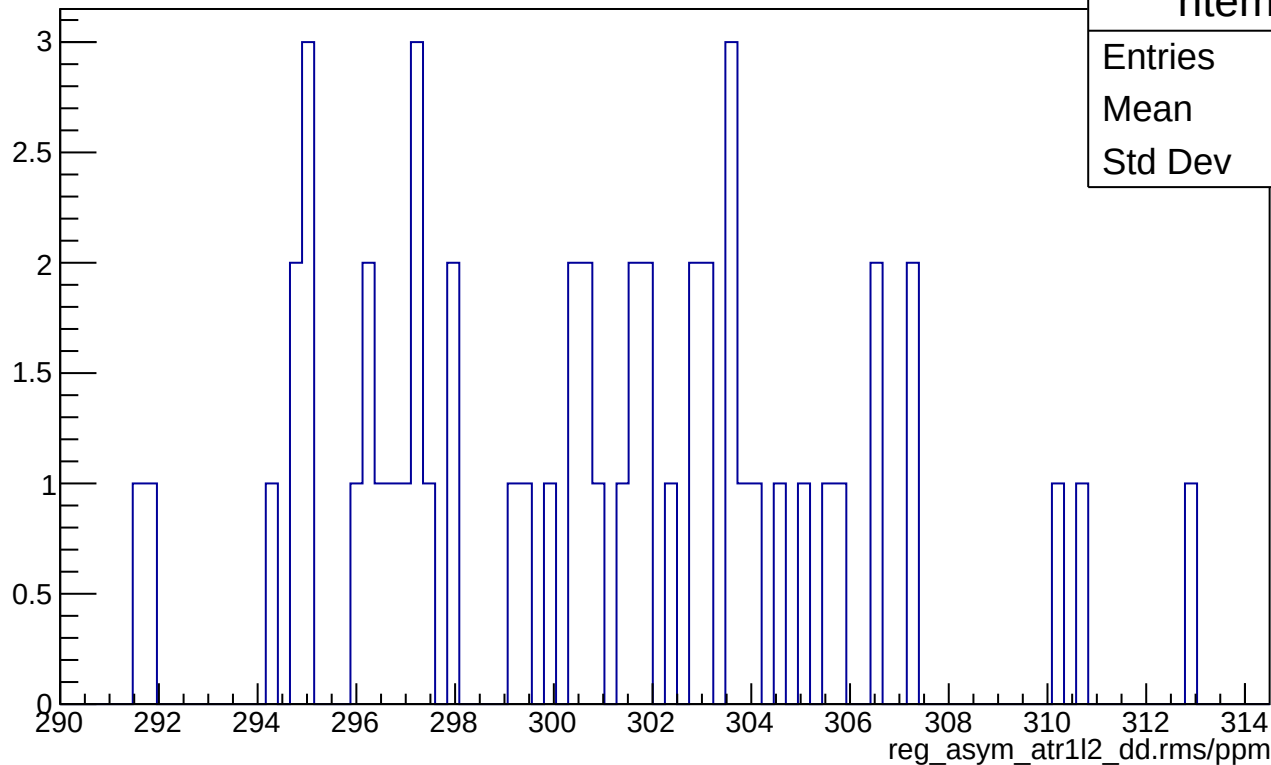
χ^2 / ndf
p0

61.56 / 53

95.39 ± 415.7



reg_asym_atr1l2_dd.rms/ppm



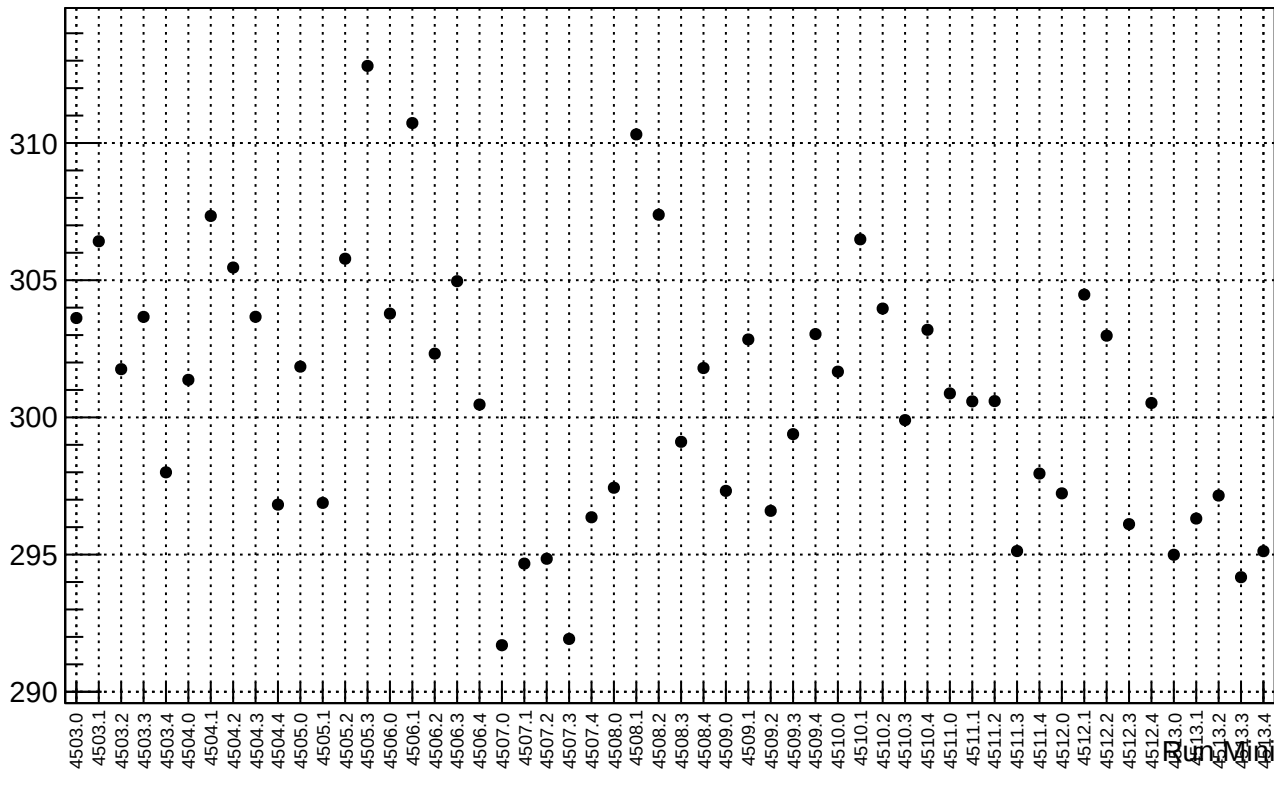
htemp

Entries 54

Mean 300.8

Std Dev 4.692

reg_asym_atr1l2_dd.rms/ppm



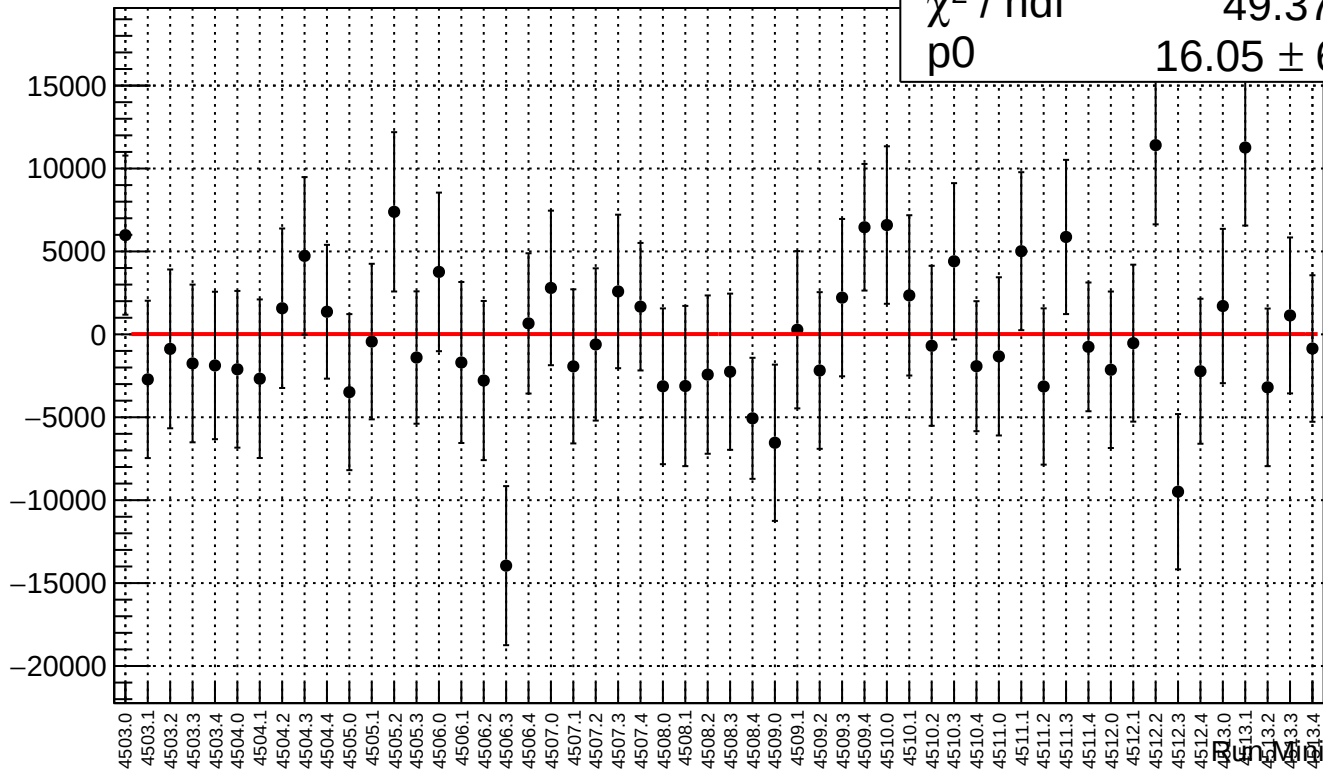
reg_asym_atr1.mean/ppb

χ^2 / ndf

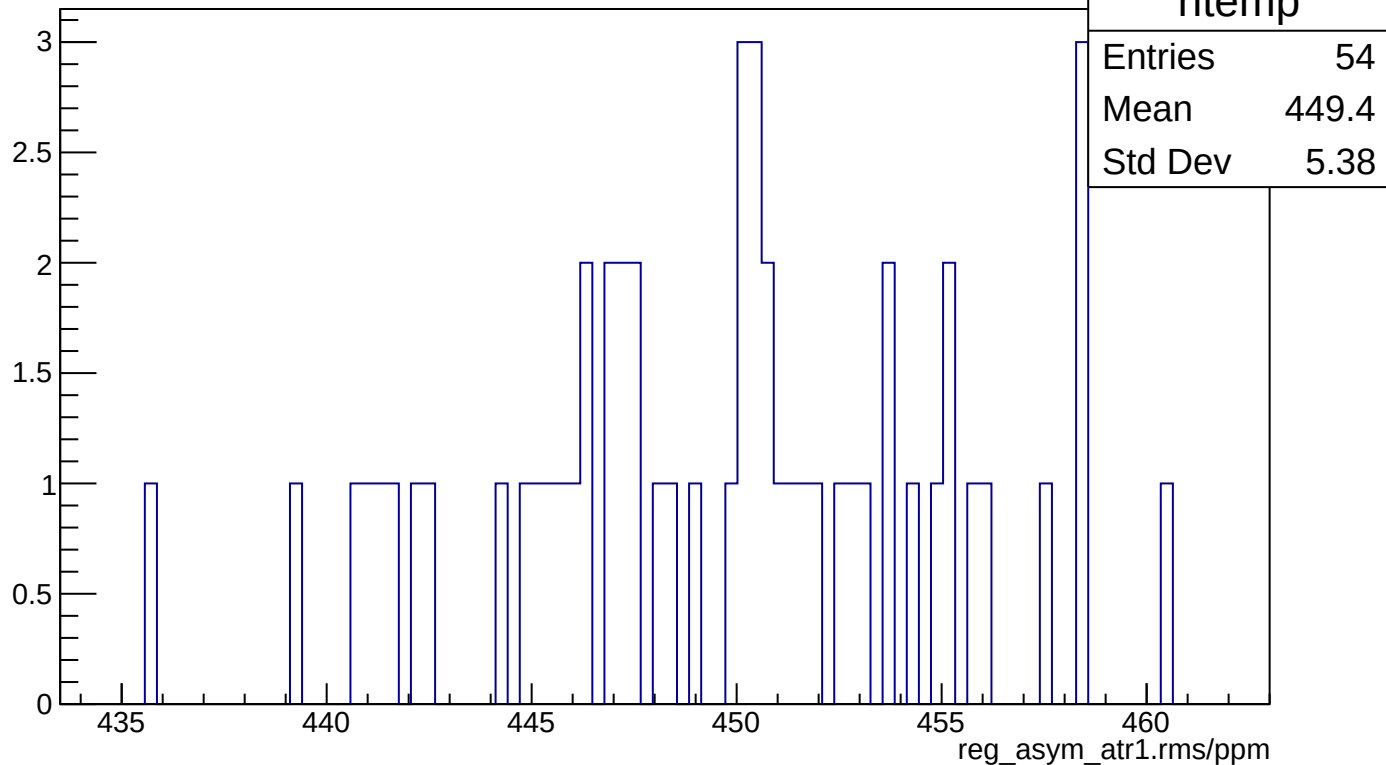
49.37 / 53

p0

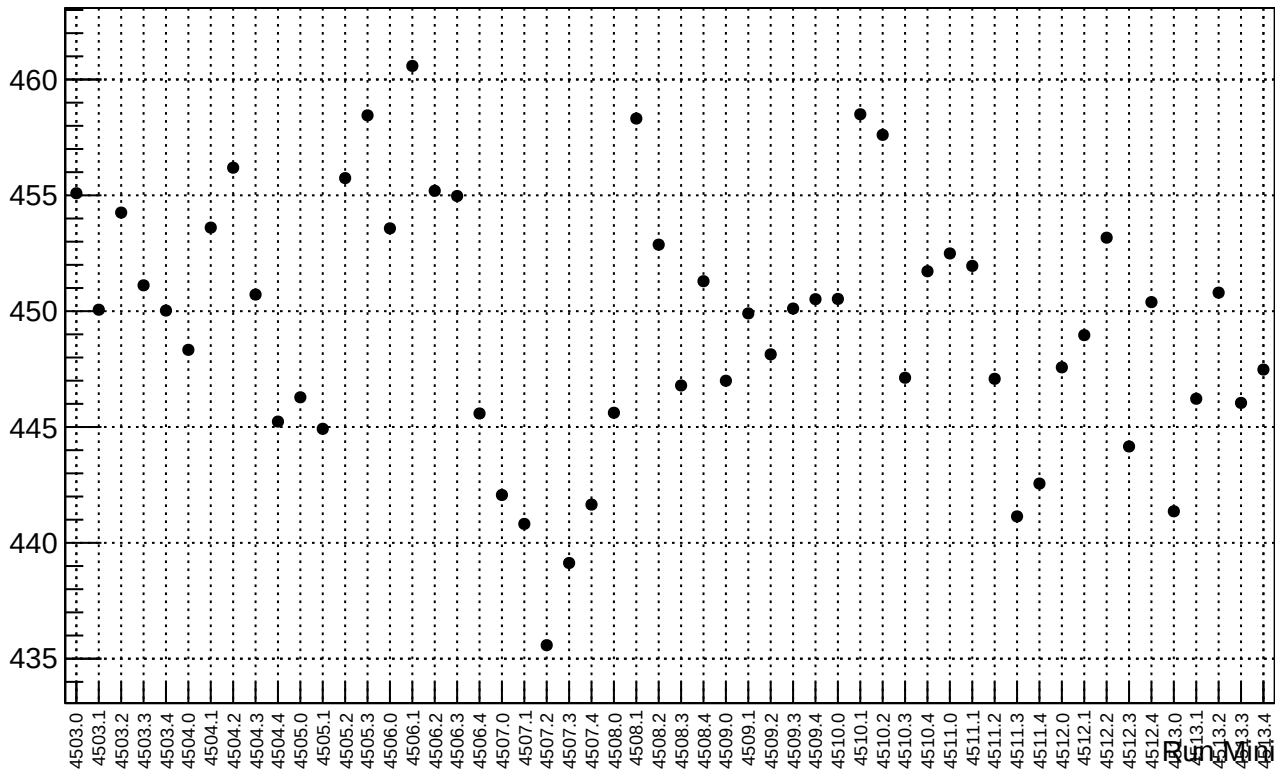
16.05 ± 621.1



reg_asym_atr1.rms/ppm



reg_asym_atr1.rms/ppm

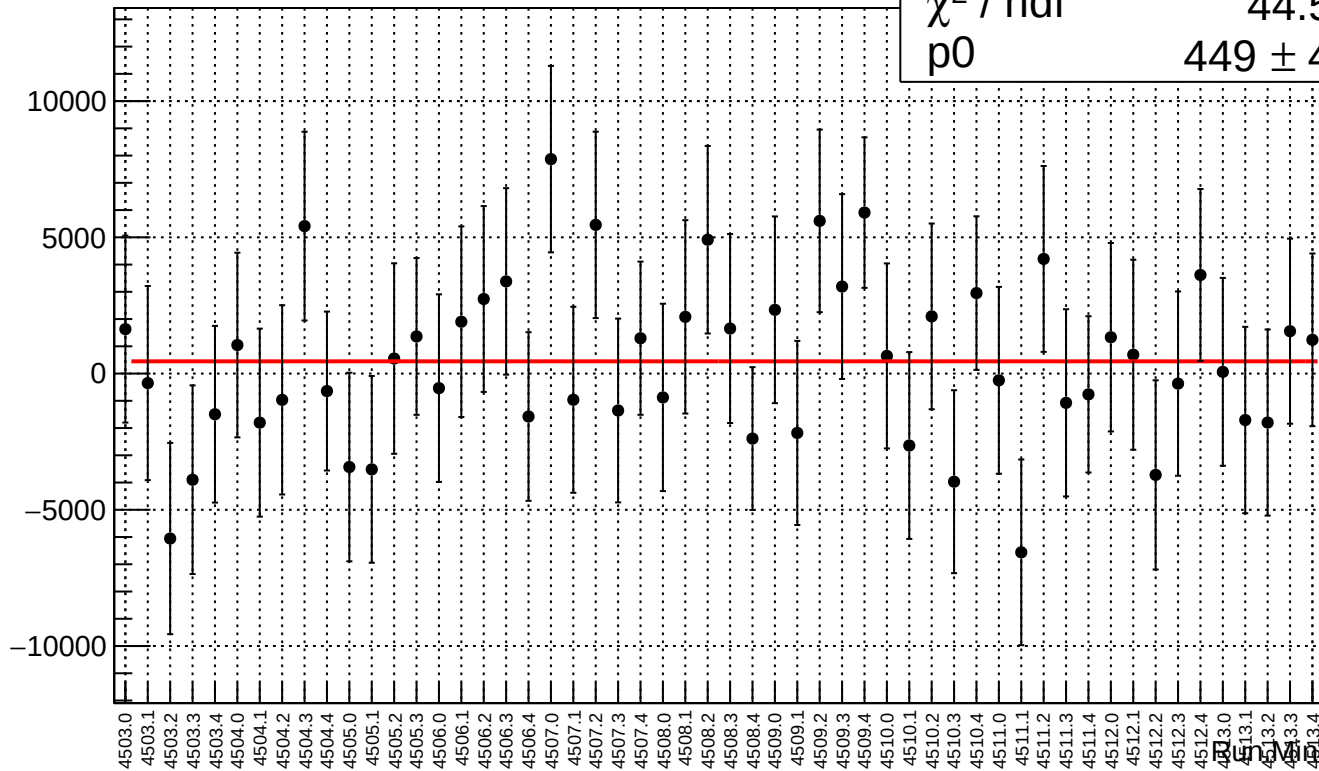


reg_asym_atr2.mean/ppb

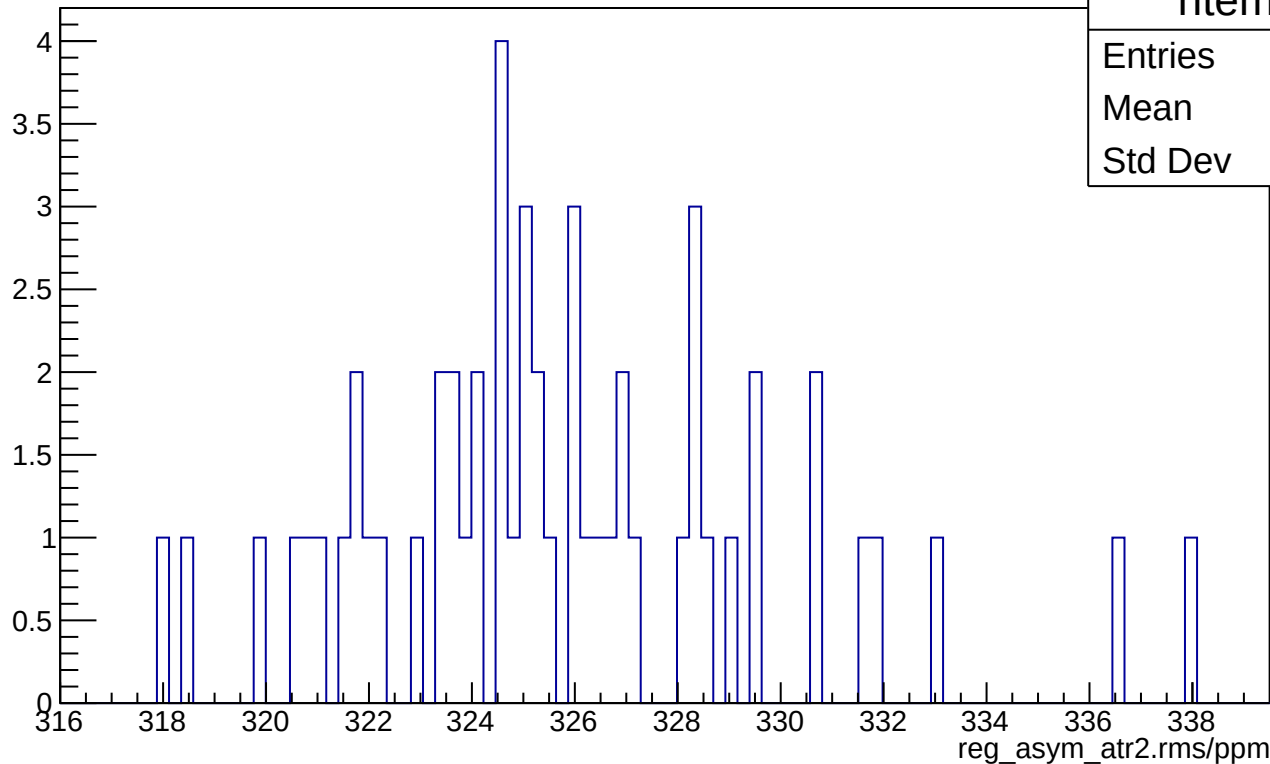
χ^2 / ndf
p0

44.5 / 53

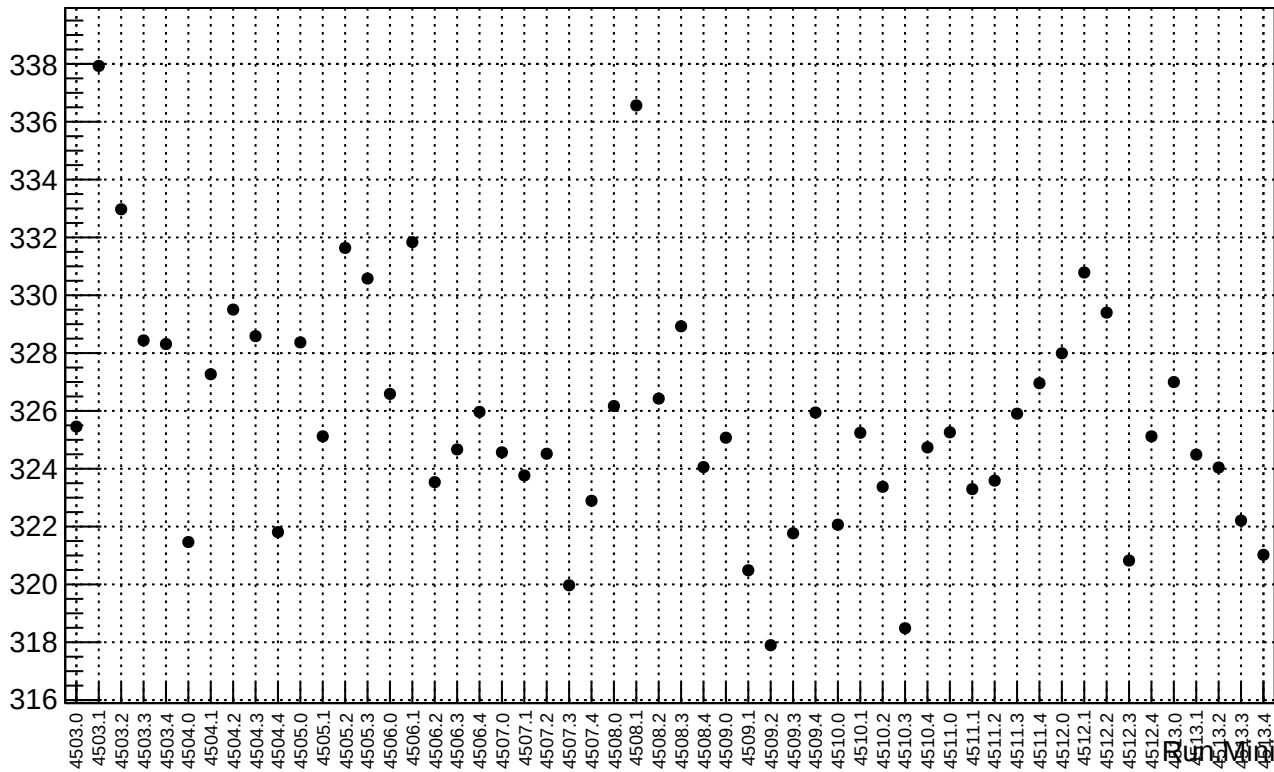
449 ± 450.2



reg_asym_atr2.rms/ppm



reg_asym_atr2.rms/ppm

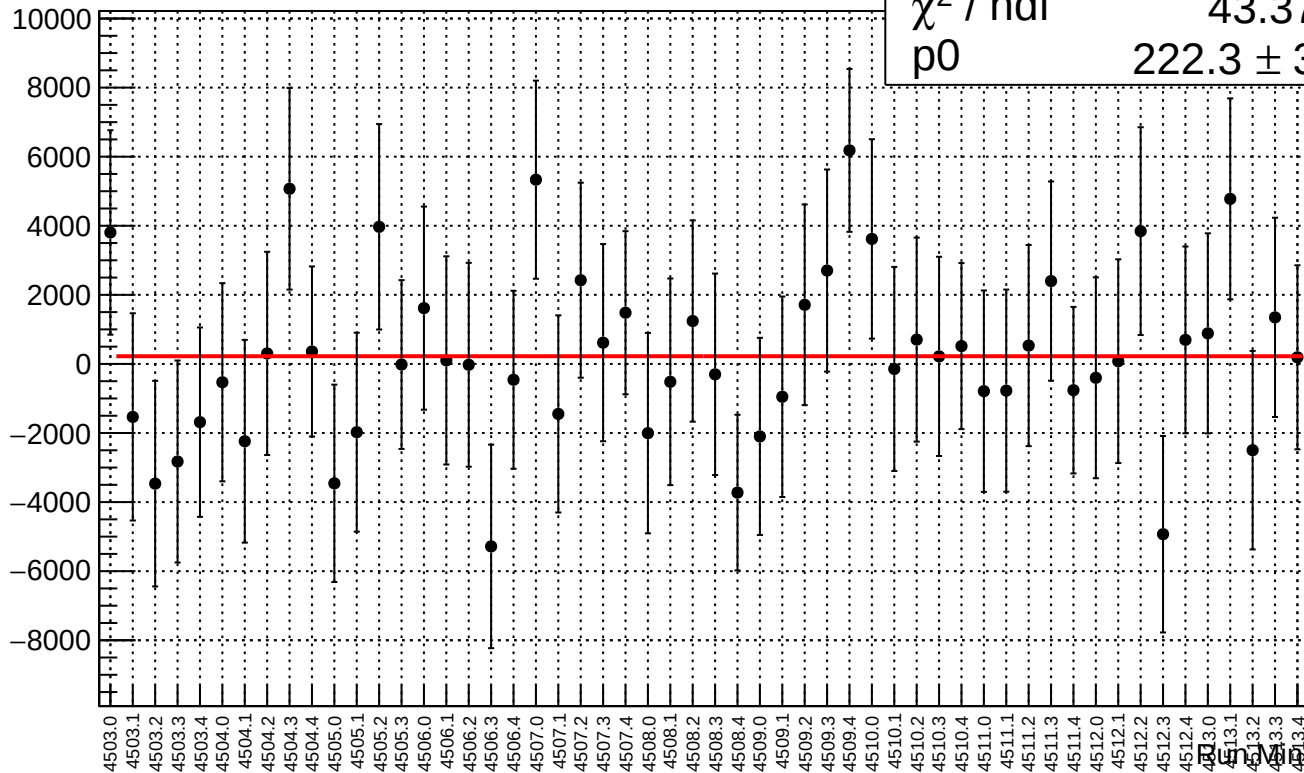


reg_asym_atr_avg.mean/ppb

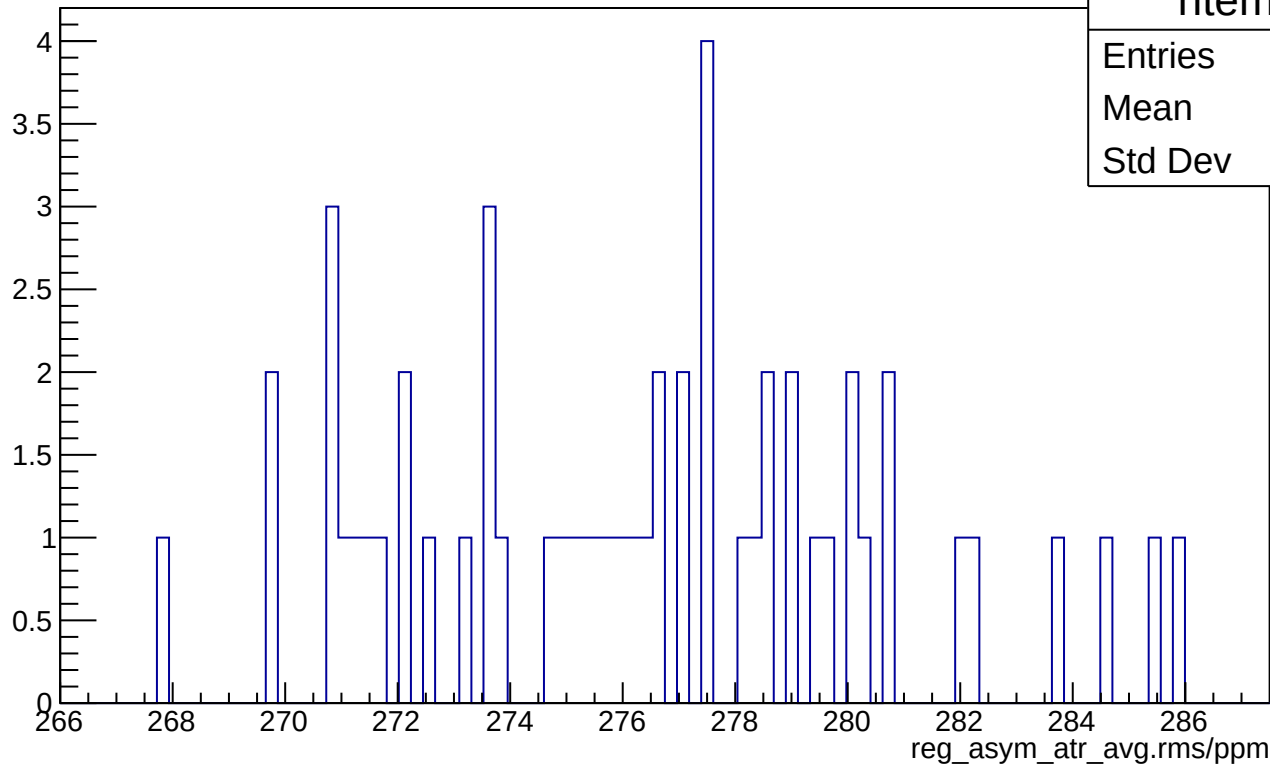
χ^2 / ndf
p0

43.37 / 53

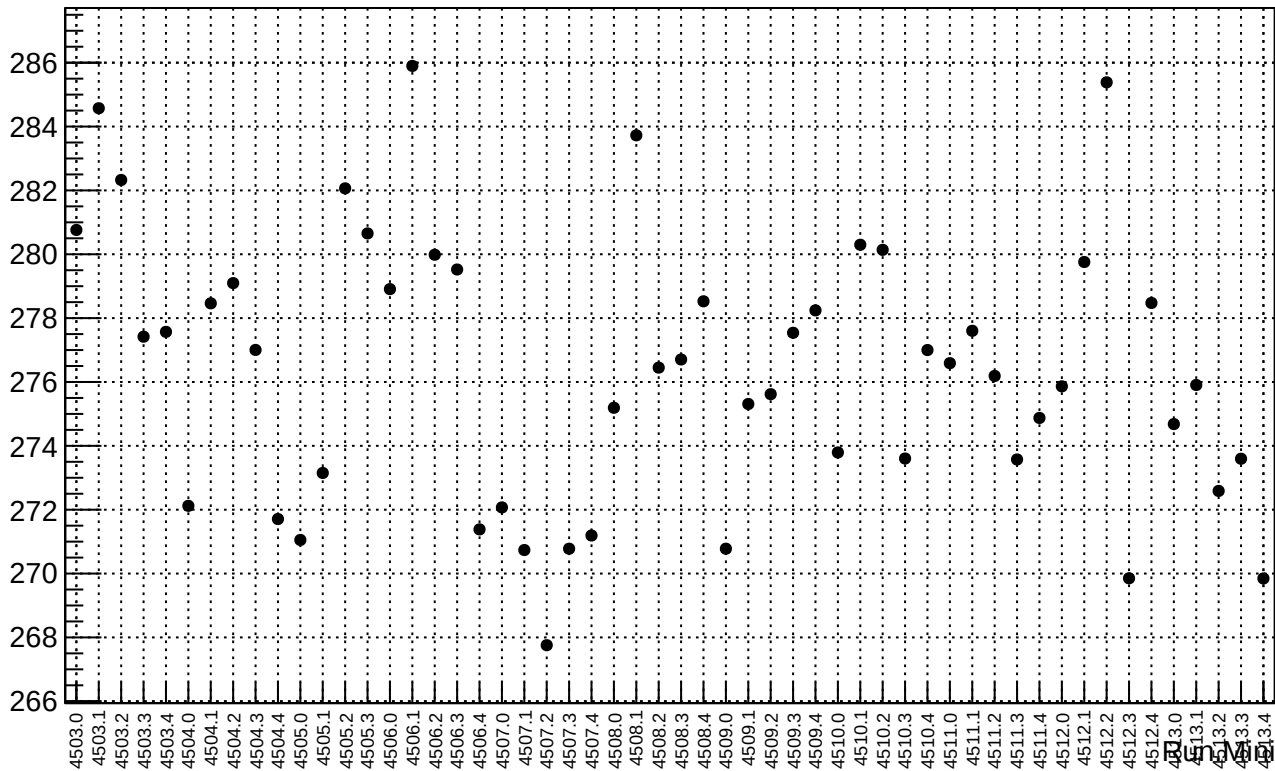
222.3 ± 381.9



reg_asym_atr_avg.rms/ppm



reg_asym_atr_avg.rms/ppm

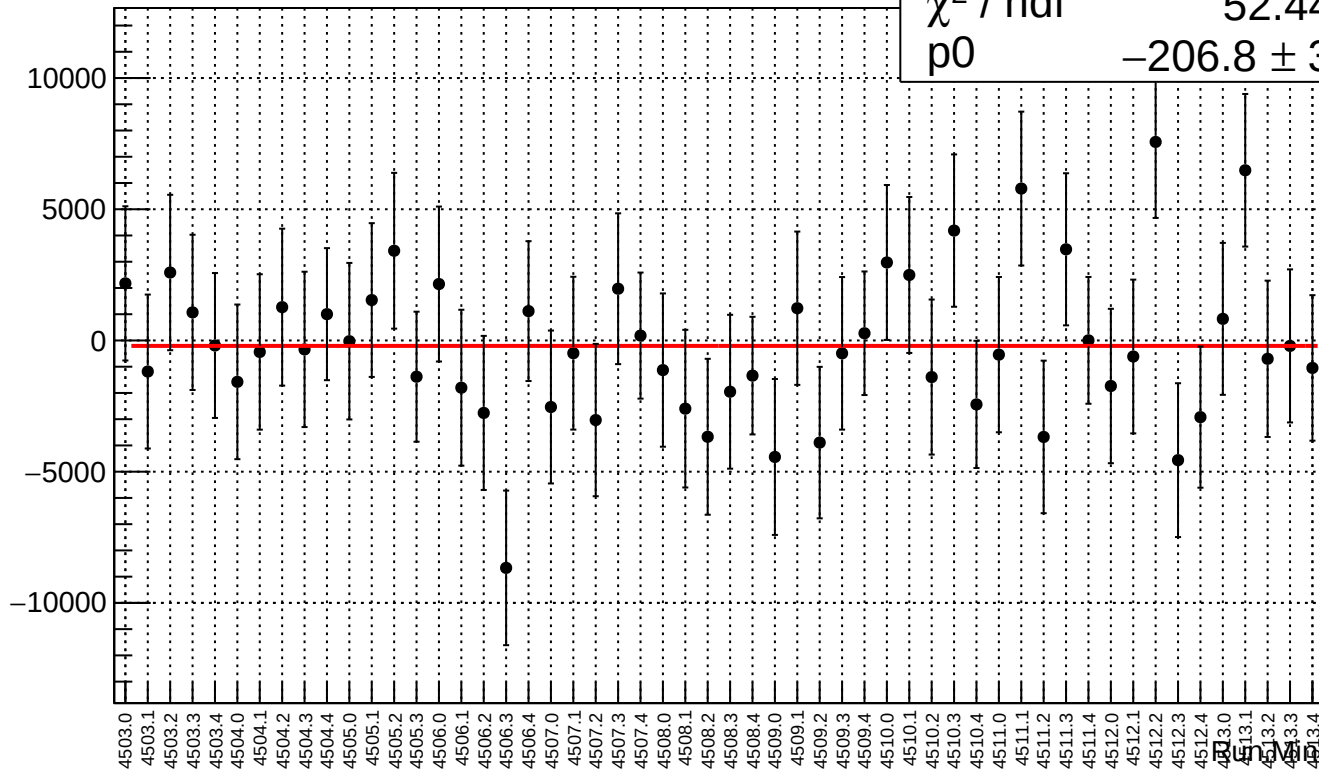


reg_asym_atr_dd.mean/ppb

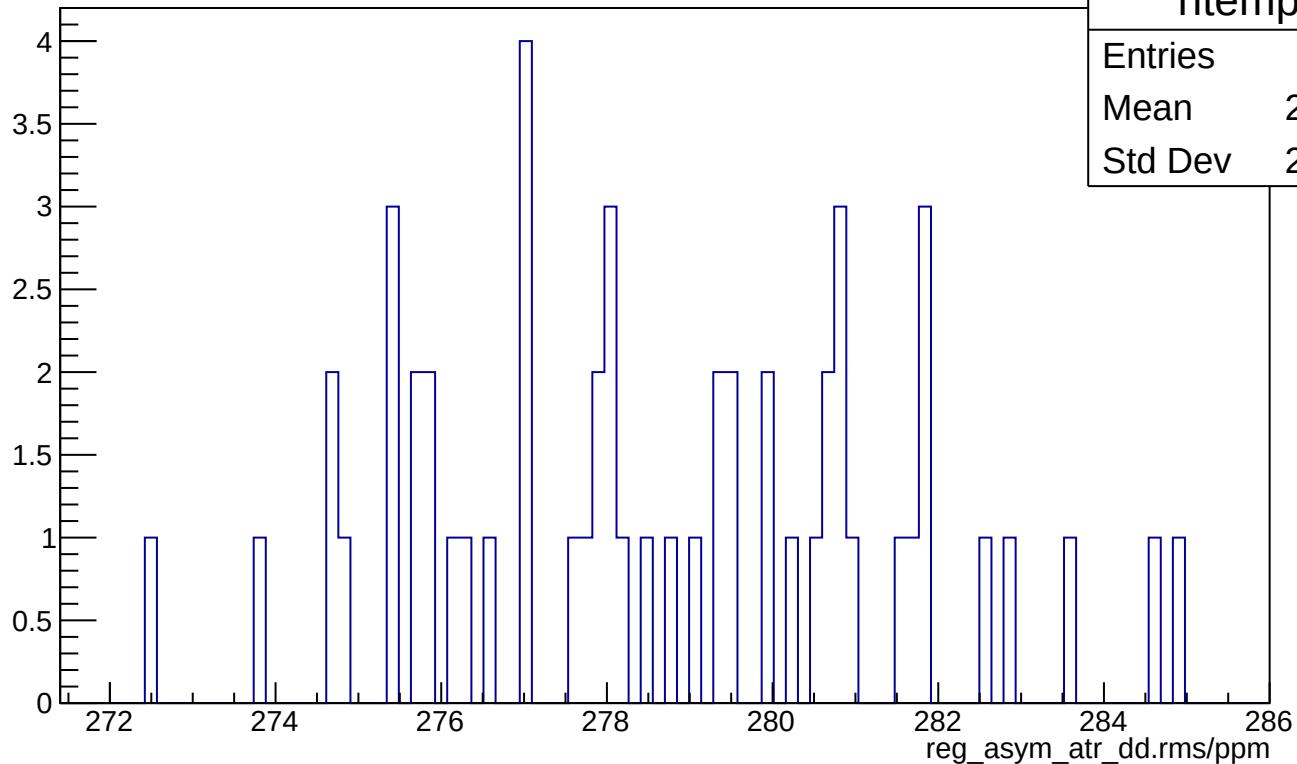
χ^2 / ndf
p0

52.44 / 53

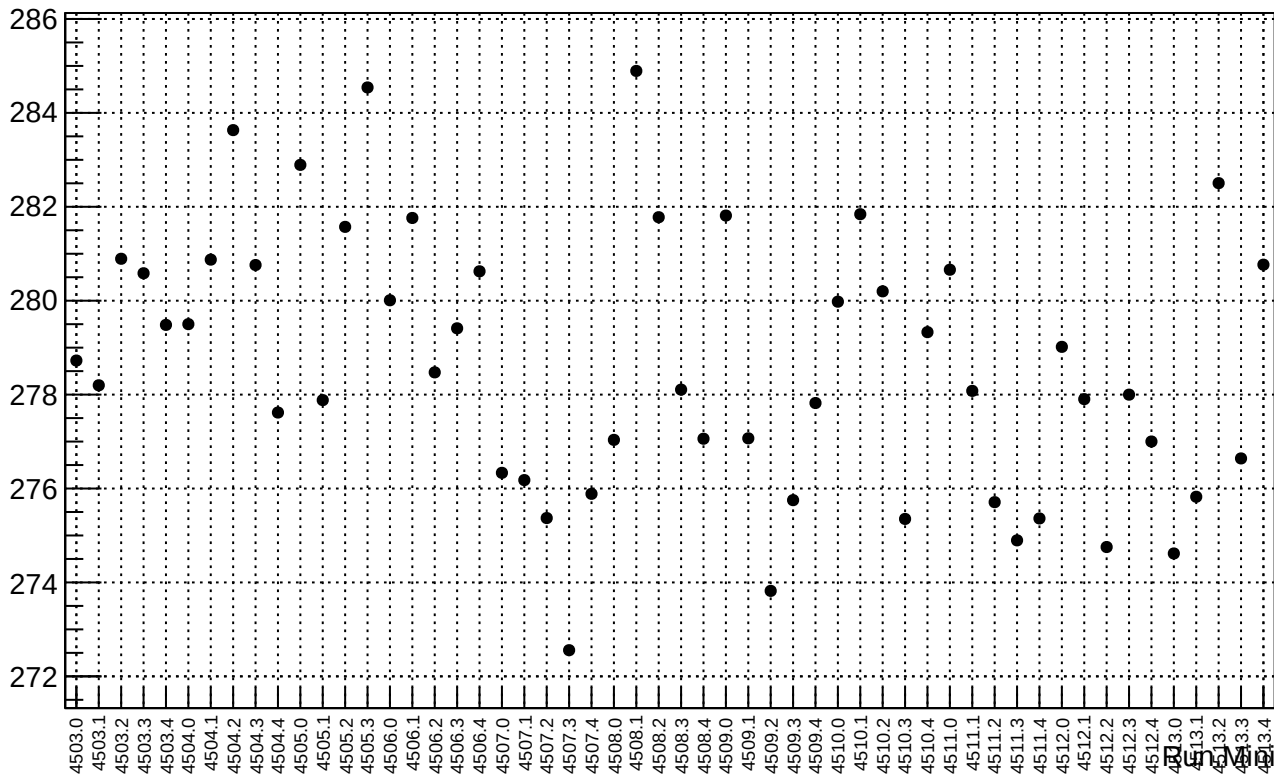
-206.8 ± 385.2



reg_asym_atr_dd.rms/ppm



reg_asym_atr_dd.rms/ppm



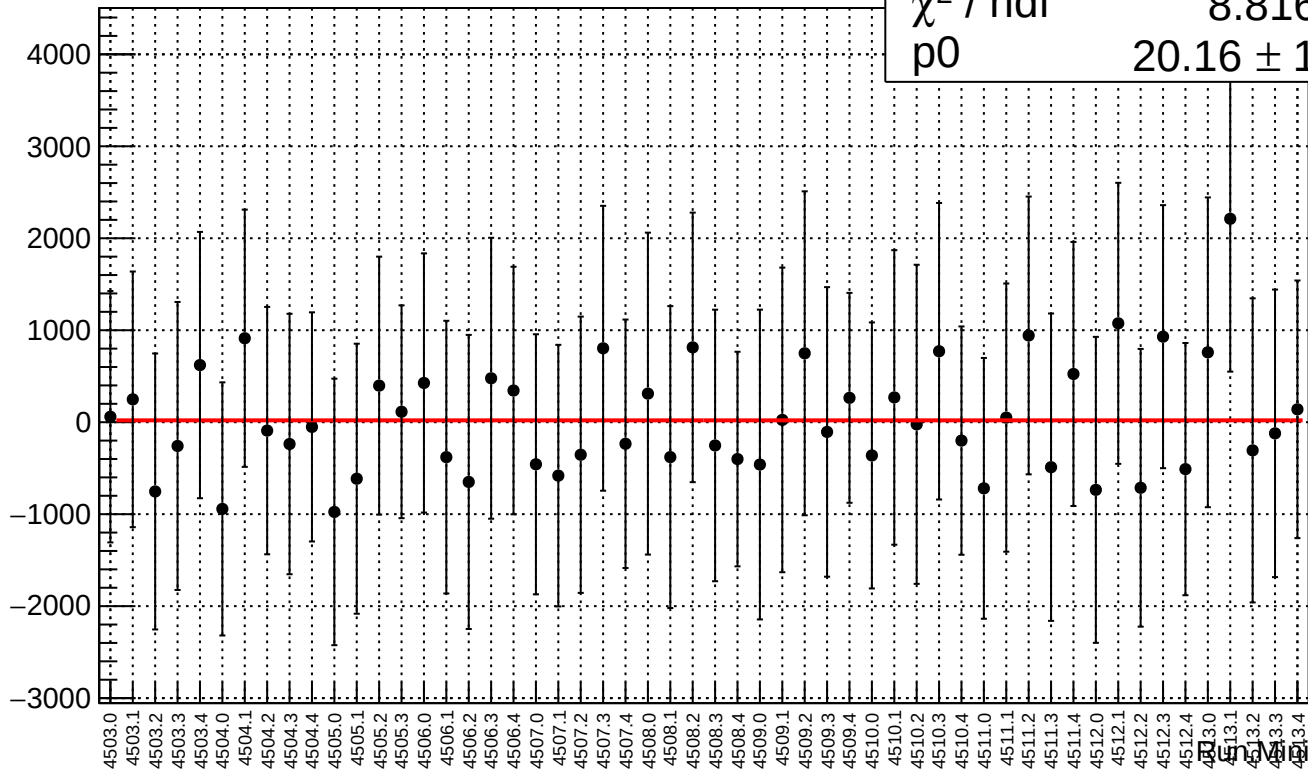
reg_asym_bcm_an_ds3.mean/ppb

χ^2 / ndf

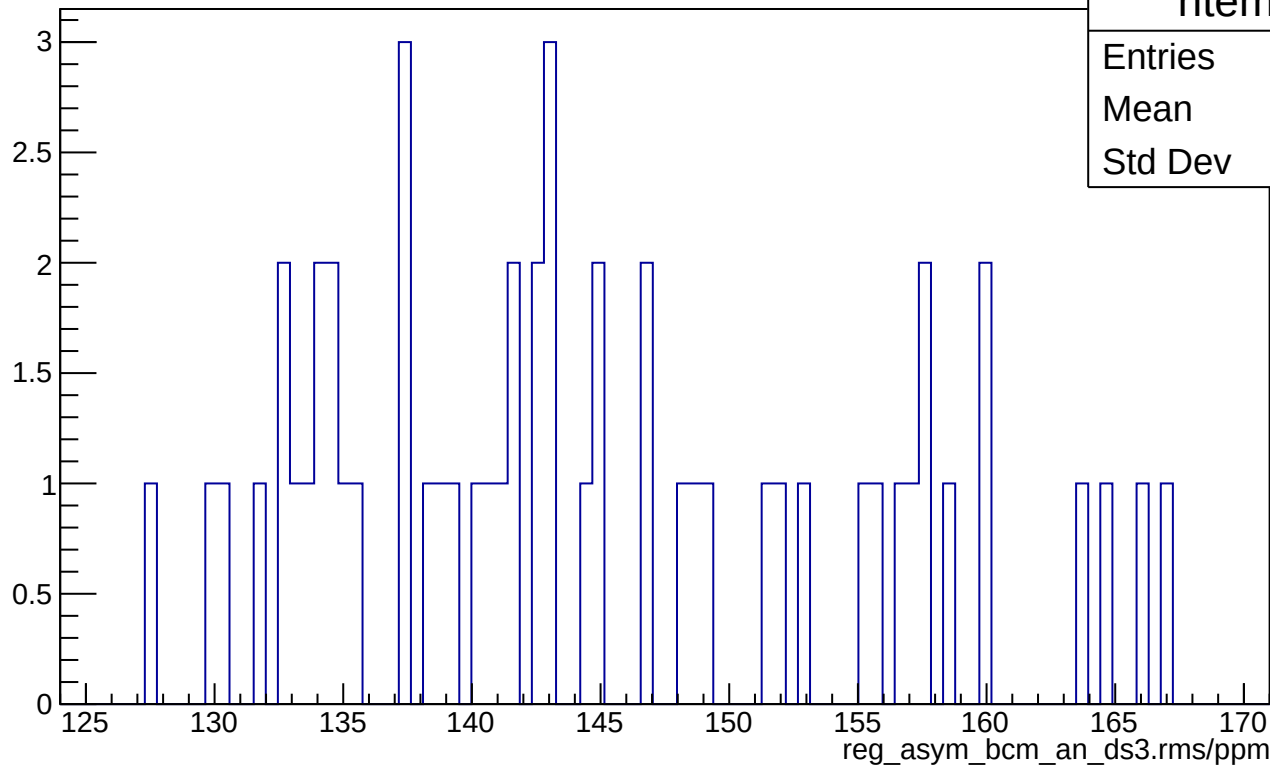
8.816 / 53

p0

20.16 ± 198.6



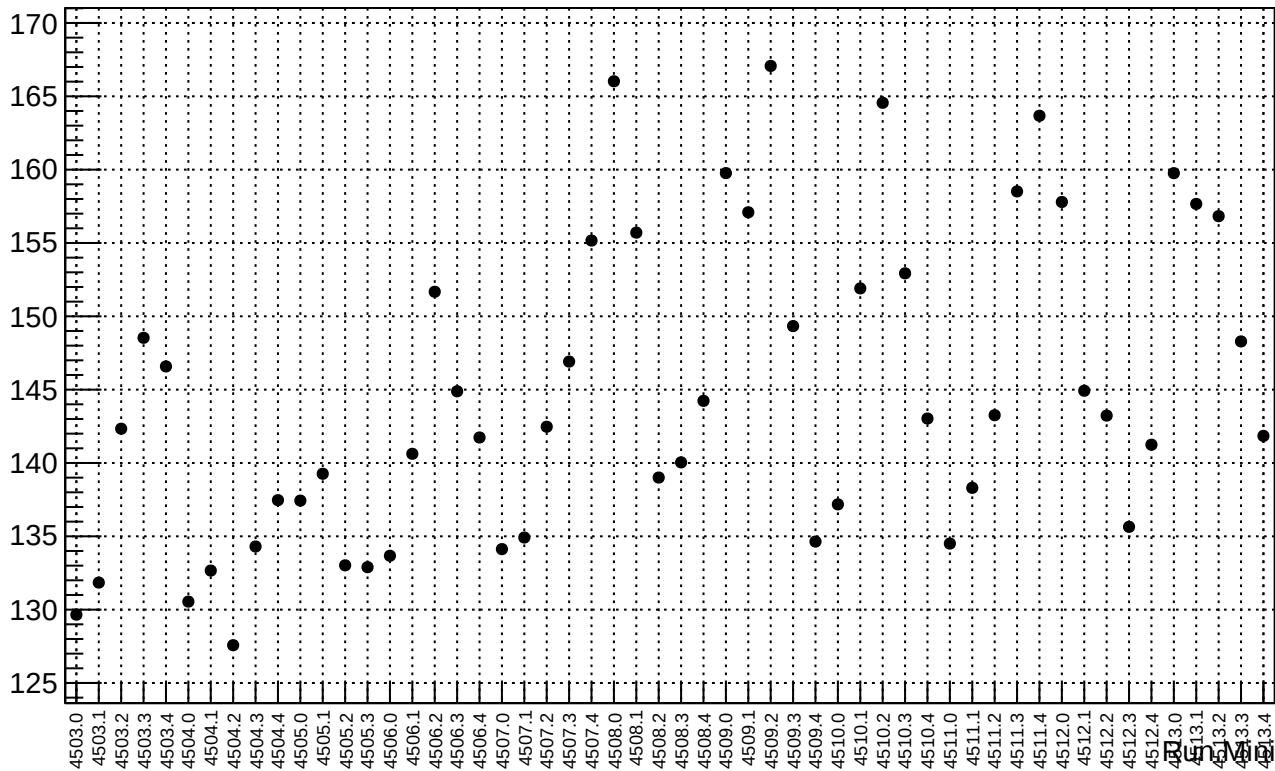
reg_asym_bcm_an_ds3.rms/ppm



htemp

Entries	54
Mean	144.8
Std Dev	10.39

reg_asym_bcm_an_ds3.rms/ppm

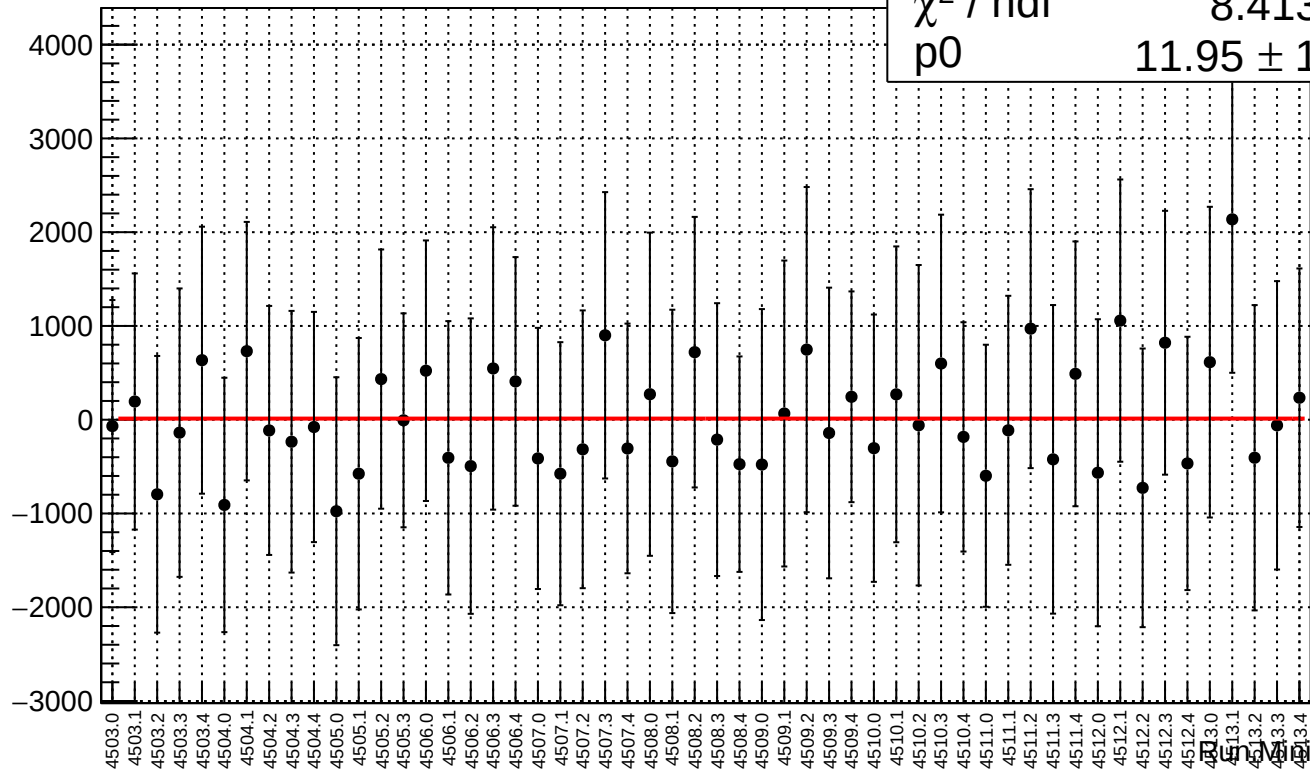


reg_asym_bcm_an_ds.mean/ppb

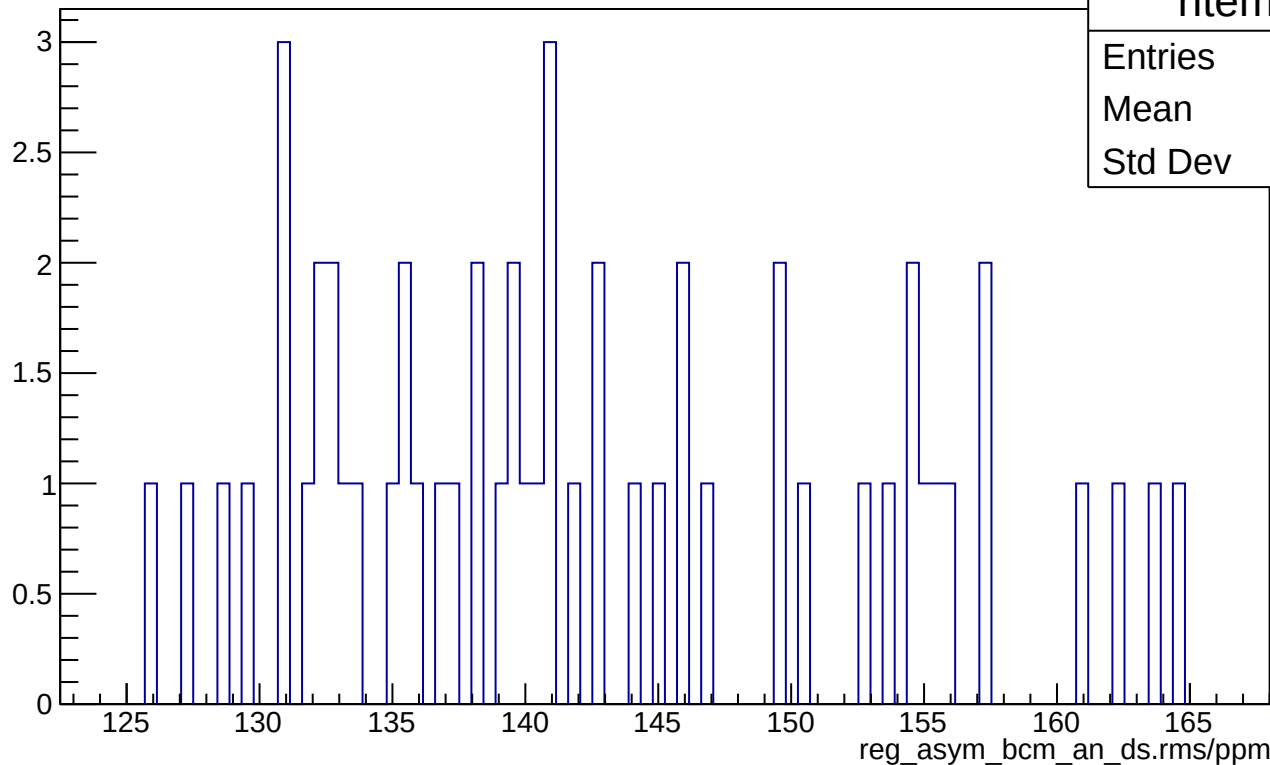
χ^2 / ndf
p0

8.413 / 53

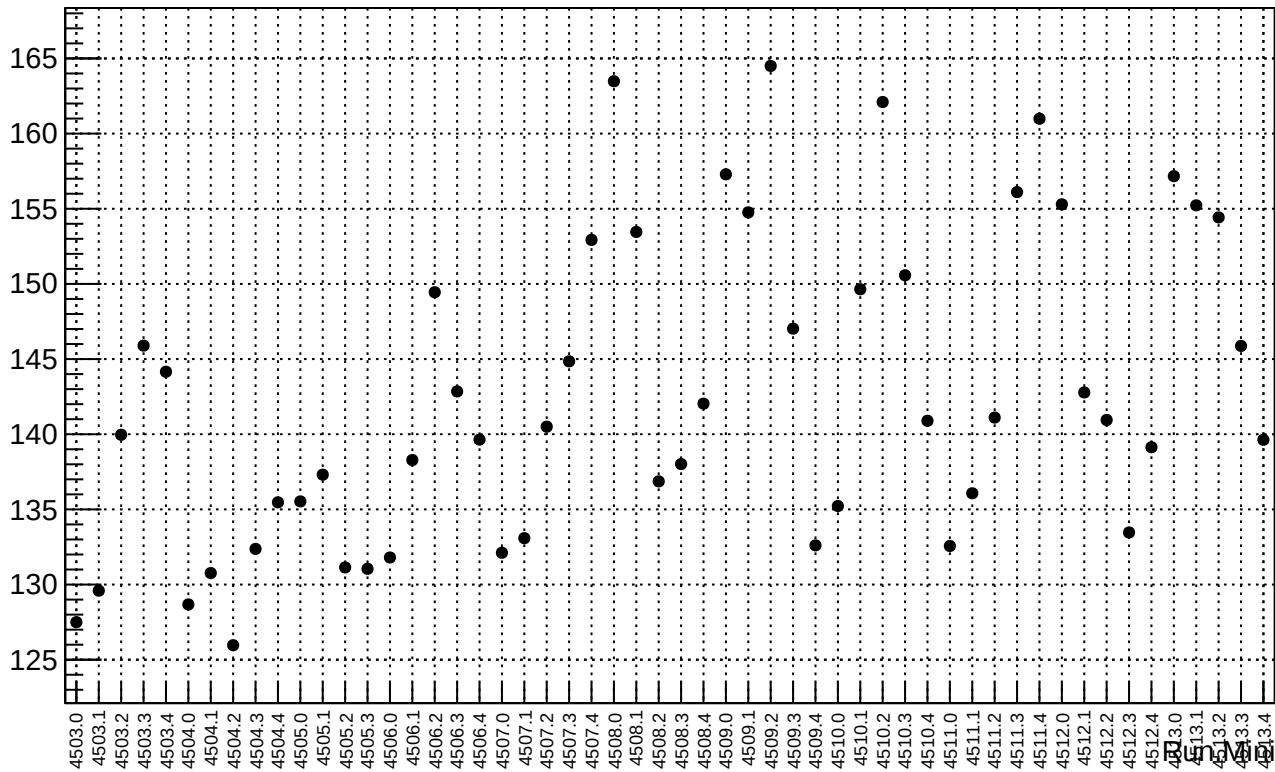
11.95 ± 195.6



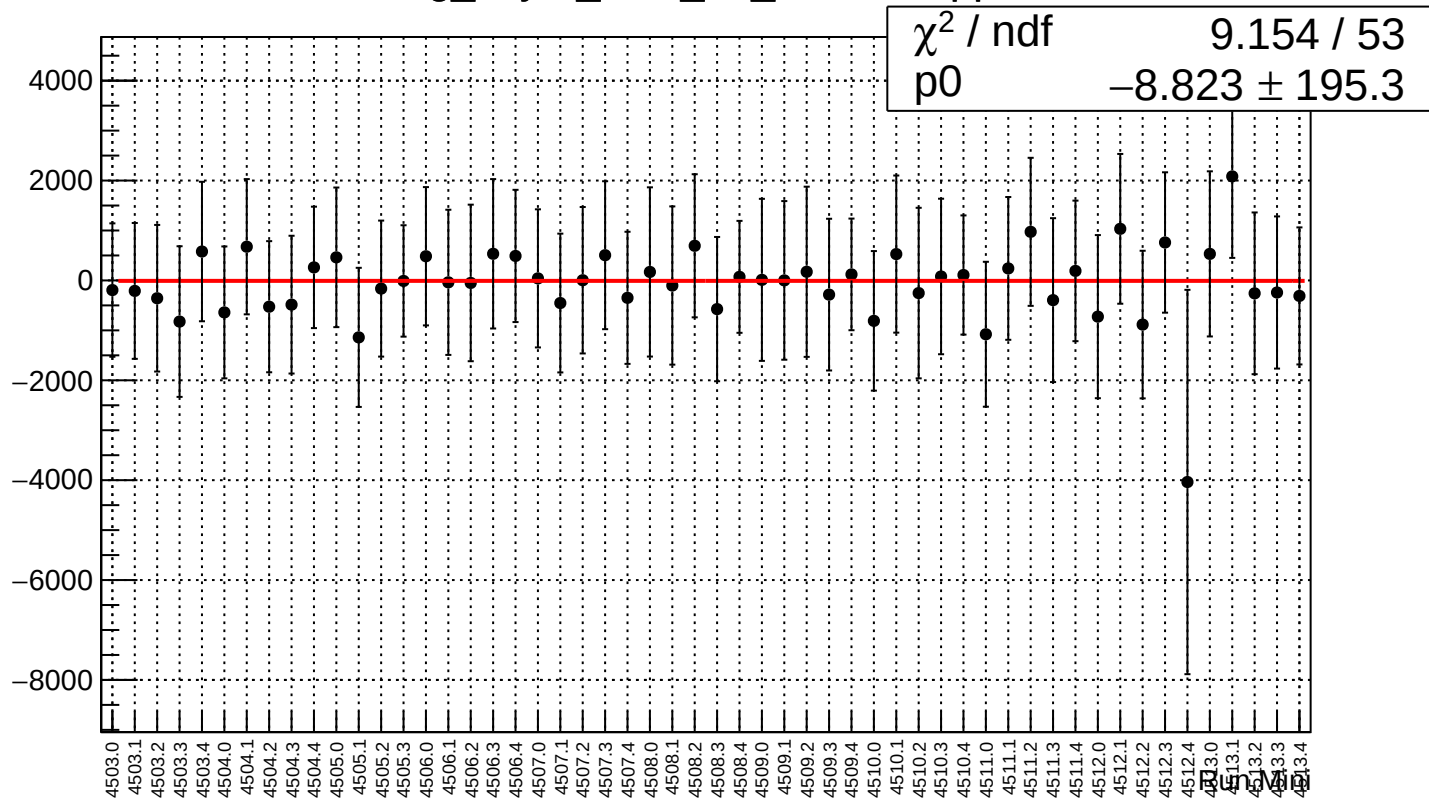
reg_asym_bcm_an_ds.rms/ppm



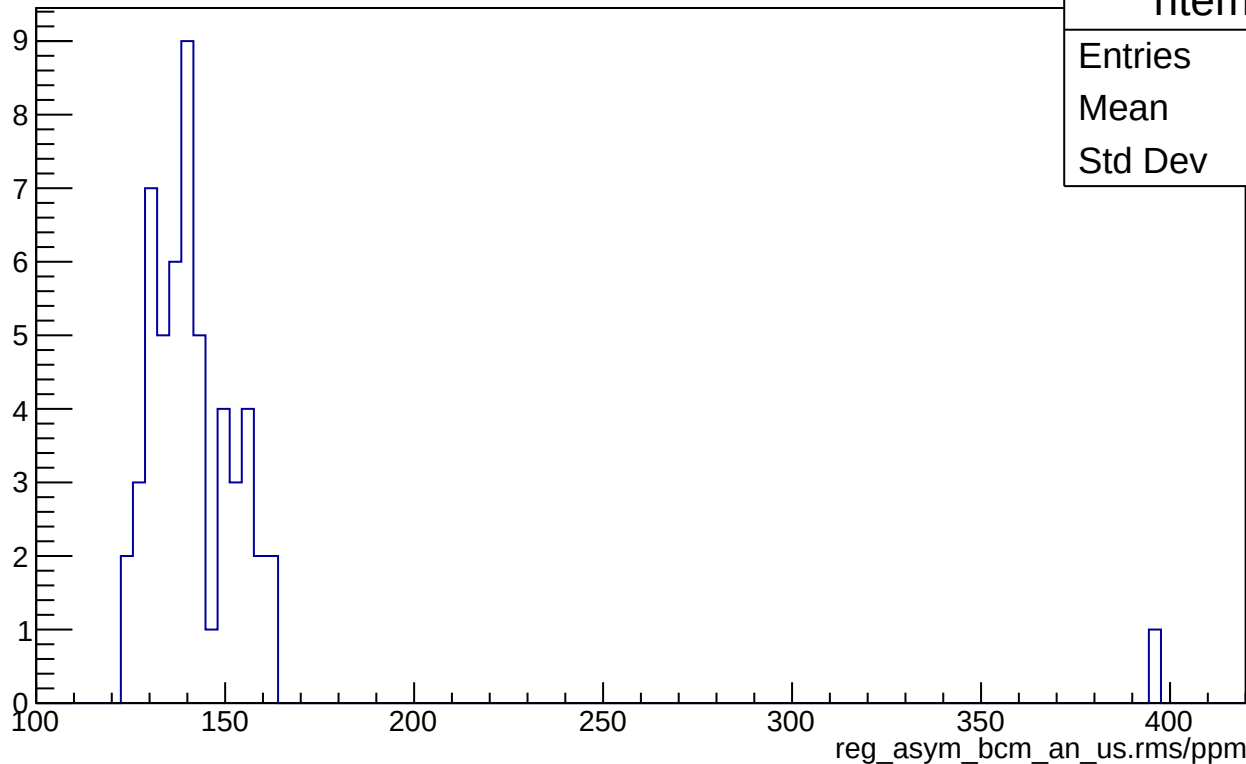
reg_asym_bcm_an_ds.rms/ppm



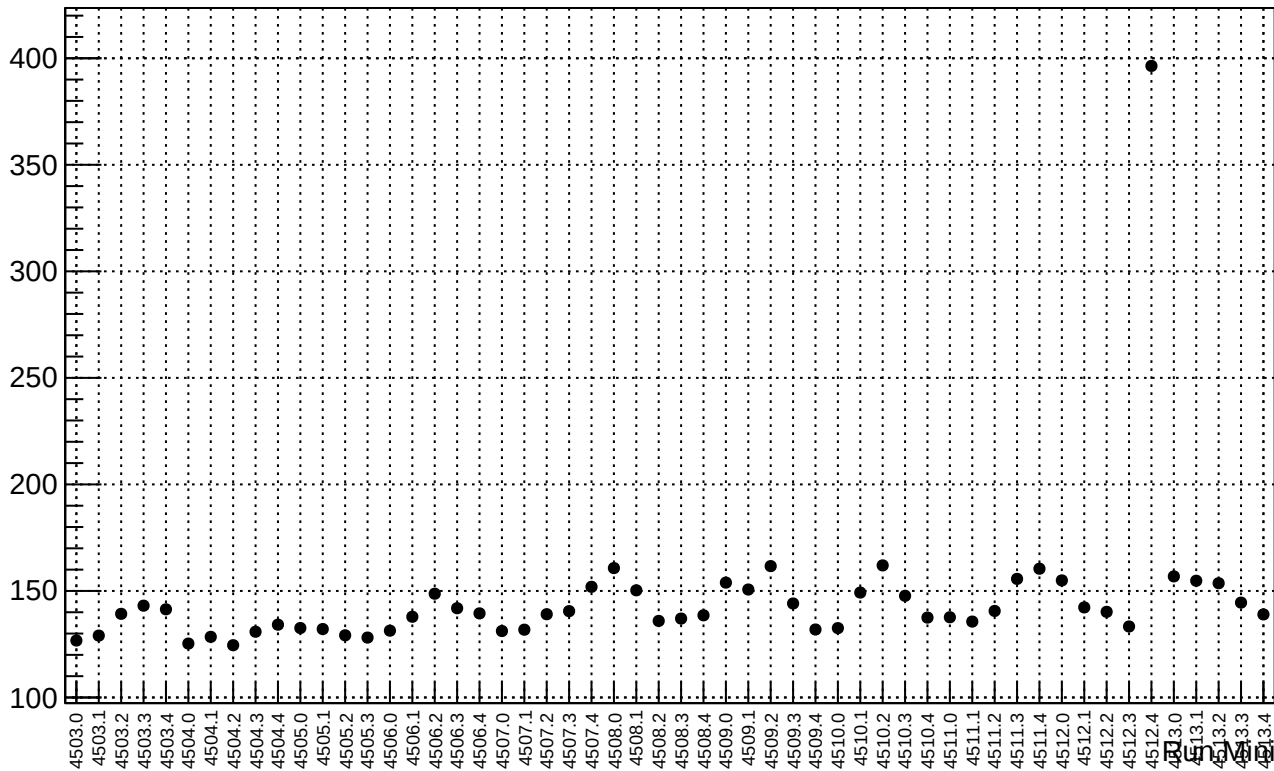
reg_asym_bcm_an_us.mean/ppb



reg_asym_bcm_an_us.rms/ppm



reg_asym_bcm_an_us.rms/ppm

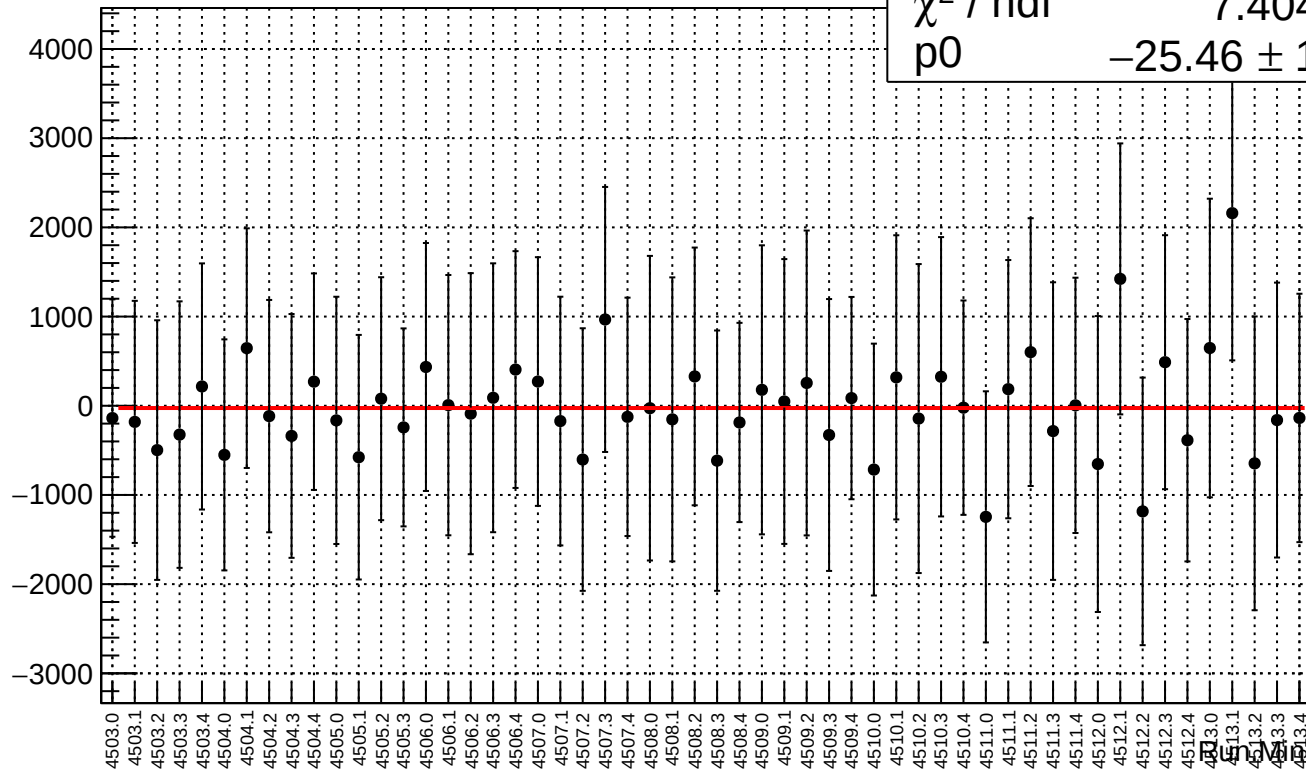


reg_asym_bcm_dg_ds.mean/ppb

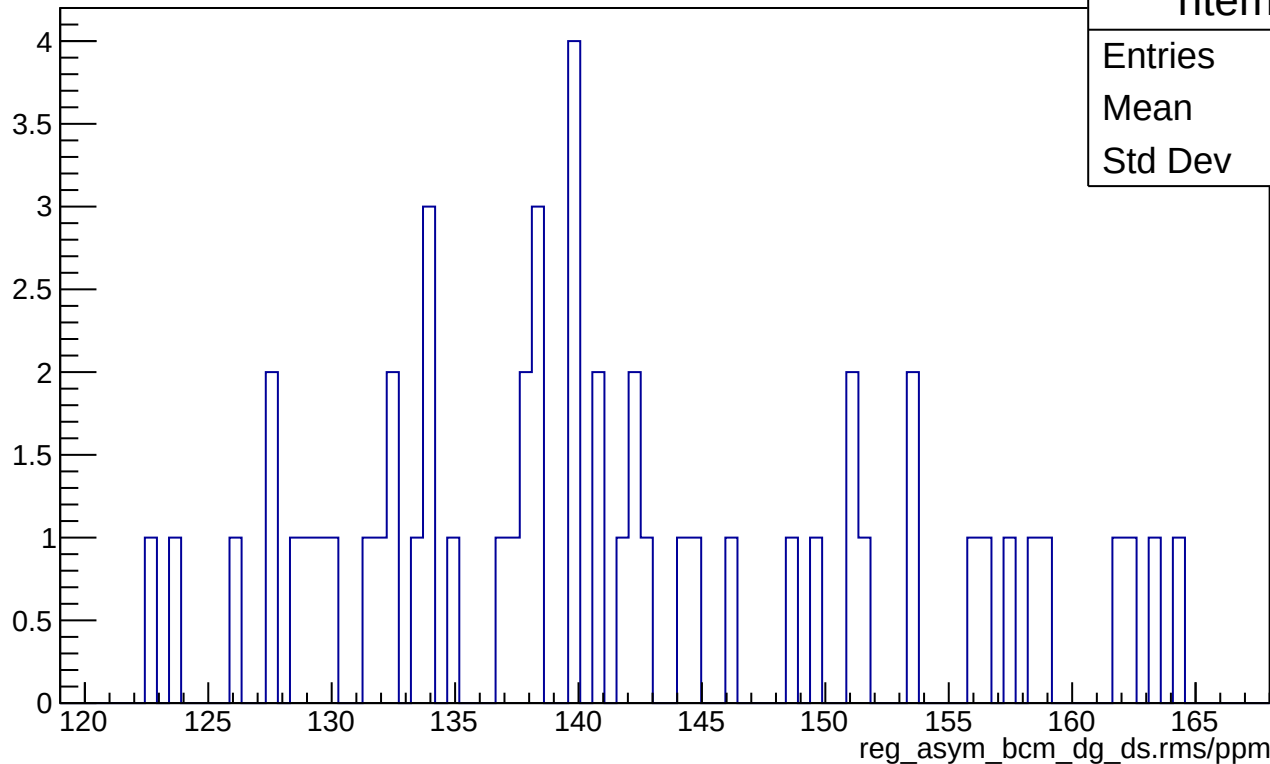
χ^2 / ndf
p0

7.404 / 53

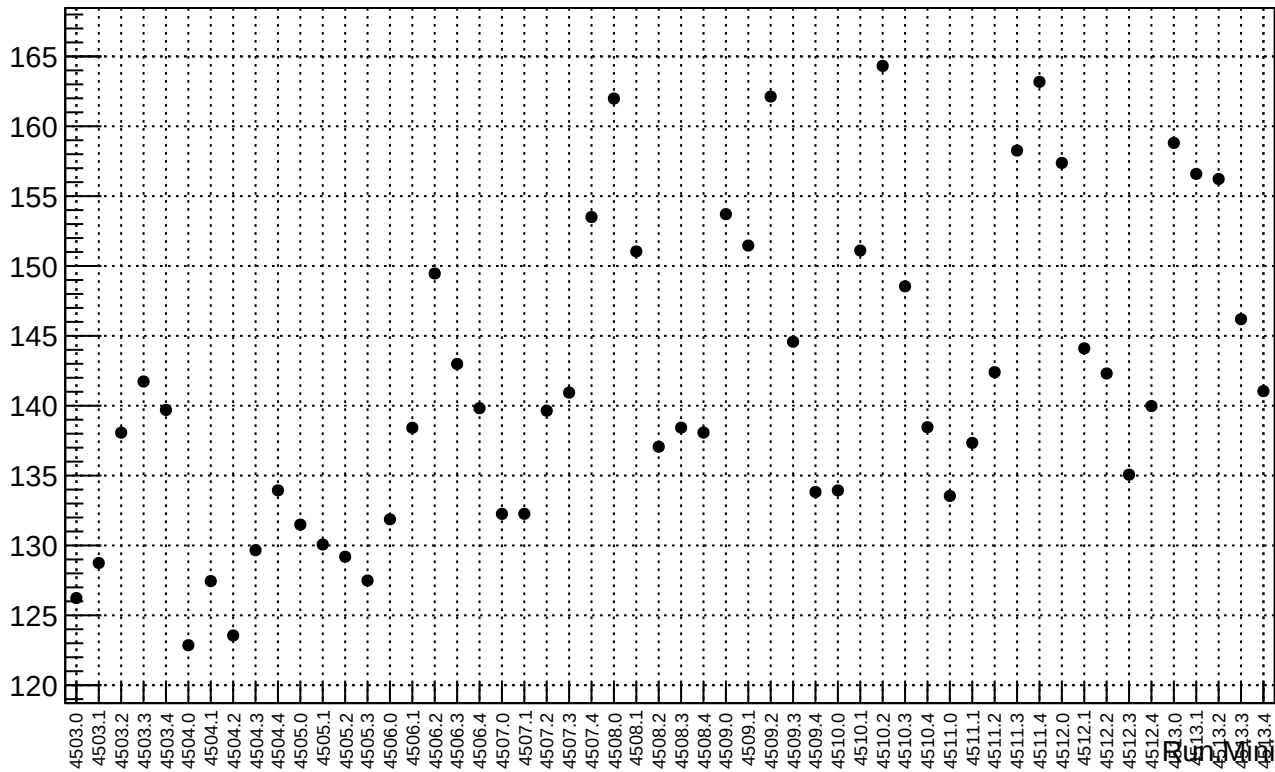
-25.46 ± 194.2



reg_asym_bcm_dg_ds.rms/ppm



reg_asym_bcm_dg_ds.rms/ppm

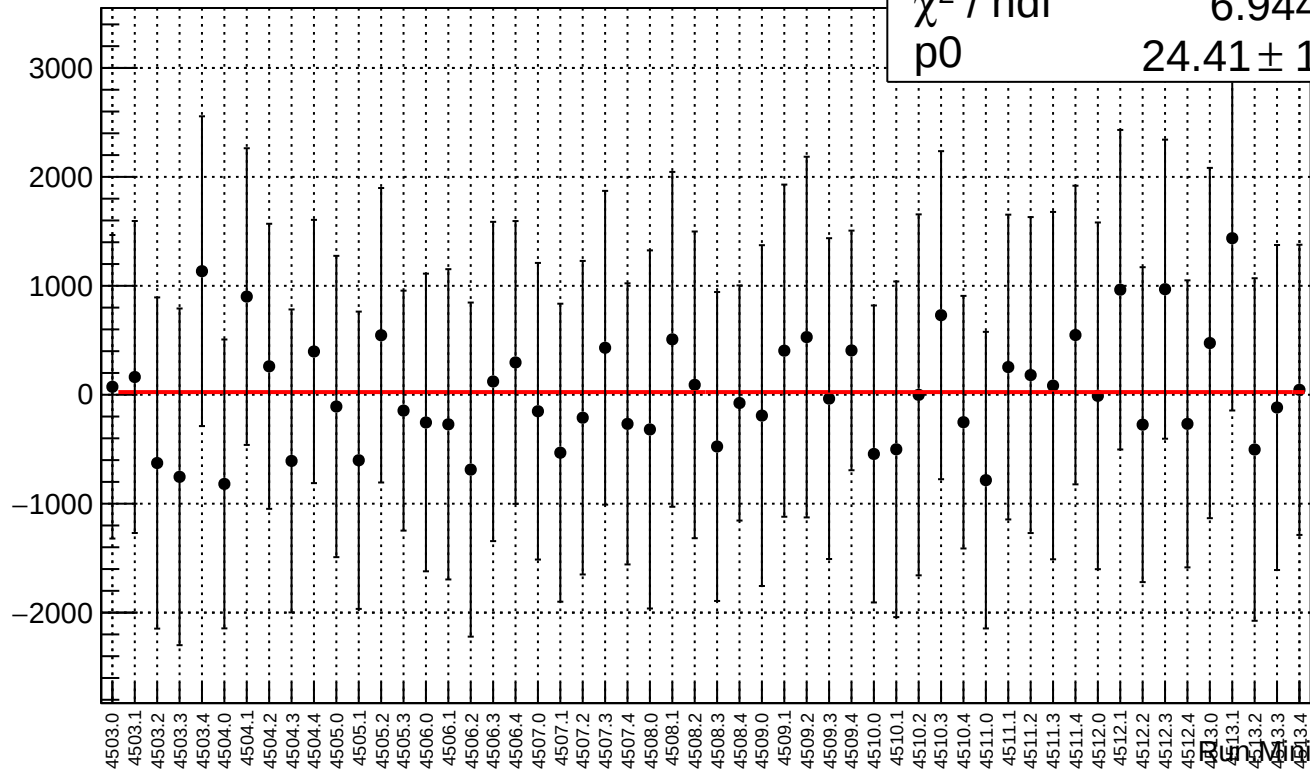


reg_asym_bcm_dg_us.mean/ppb

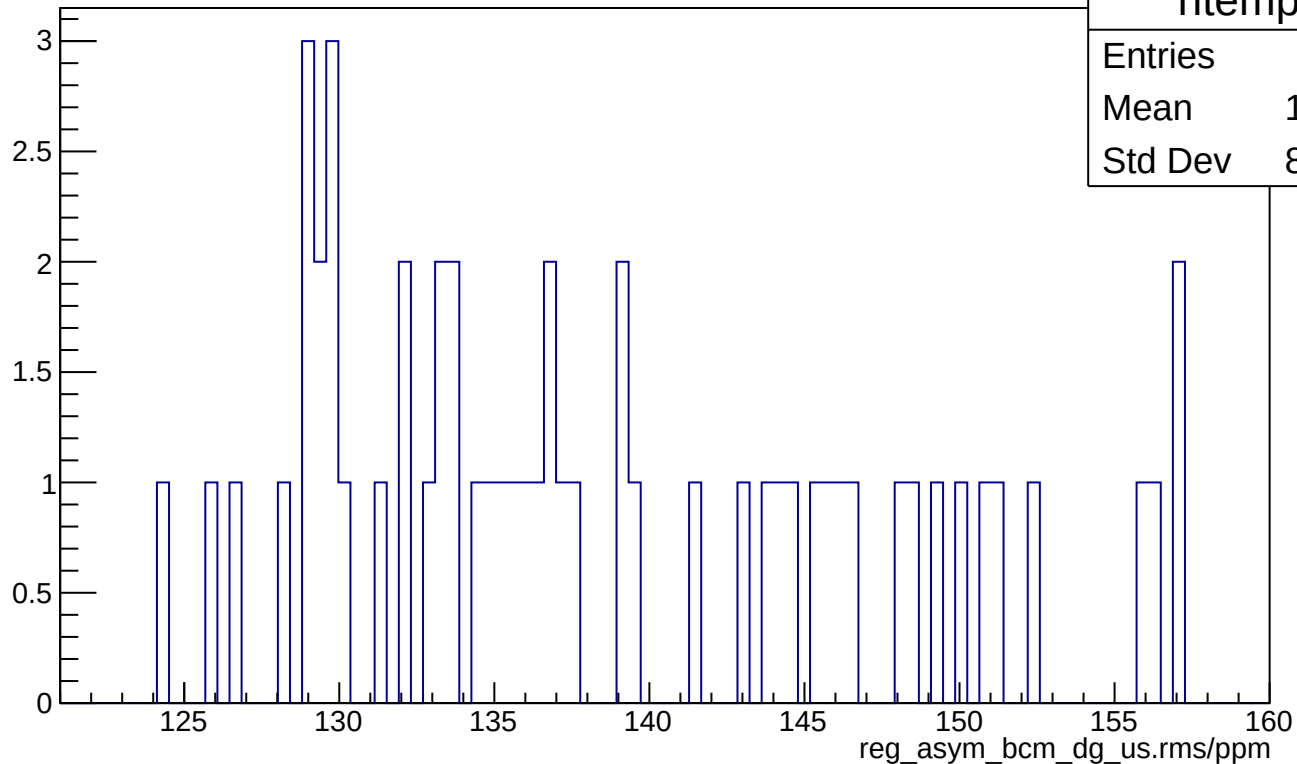
χ^2 / ndf
p0

6.944 / 53

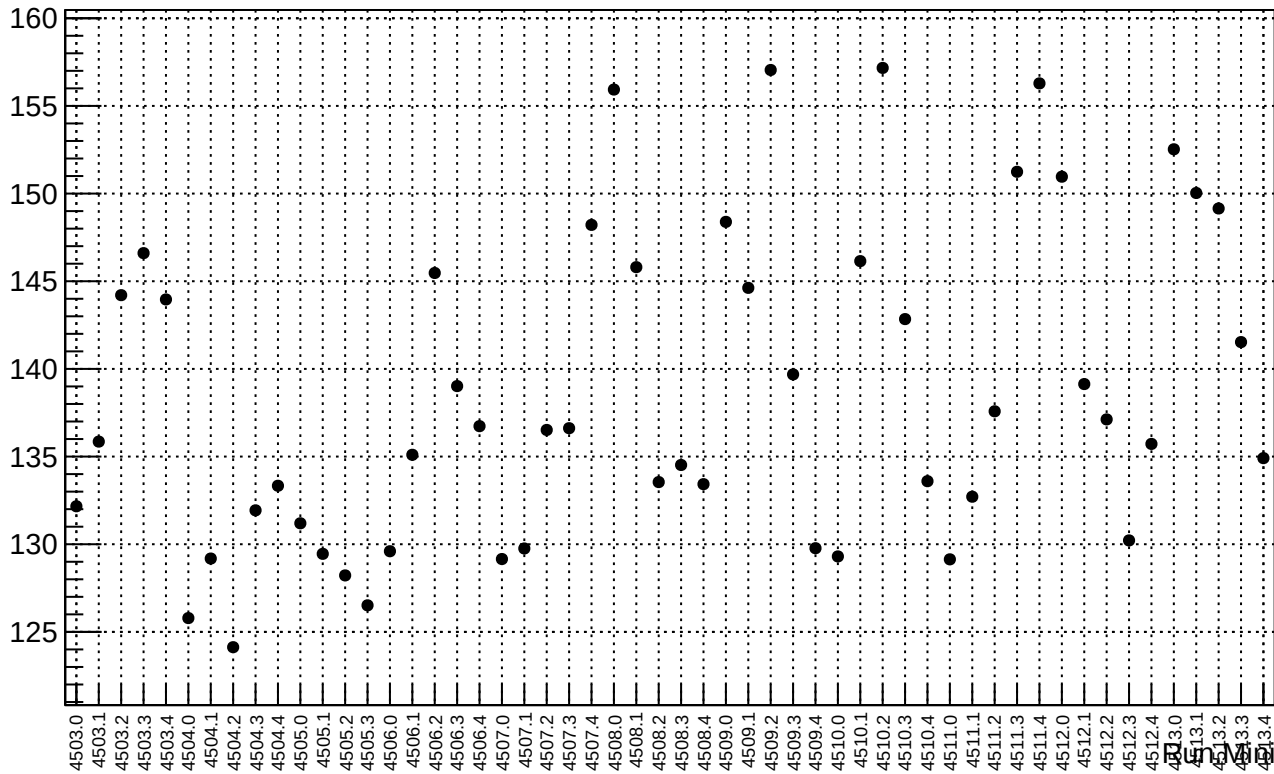
24.41 ± 190.4



reg_asym_bcm_dg_us.rms/ppm



reg_asym_bcm_dg_us.rms/ppm



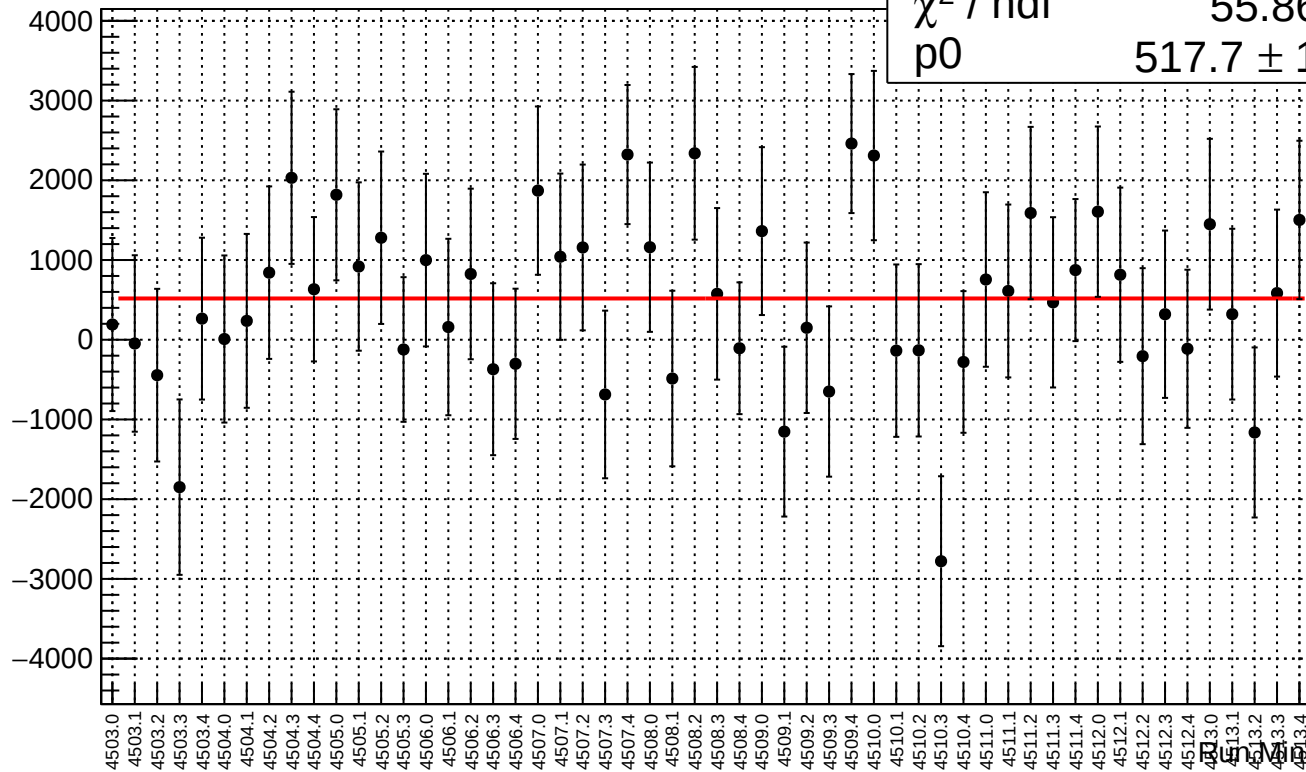
reg_asym_ds_avg.mean/ppb

χ^2 / ndf

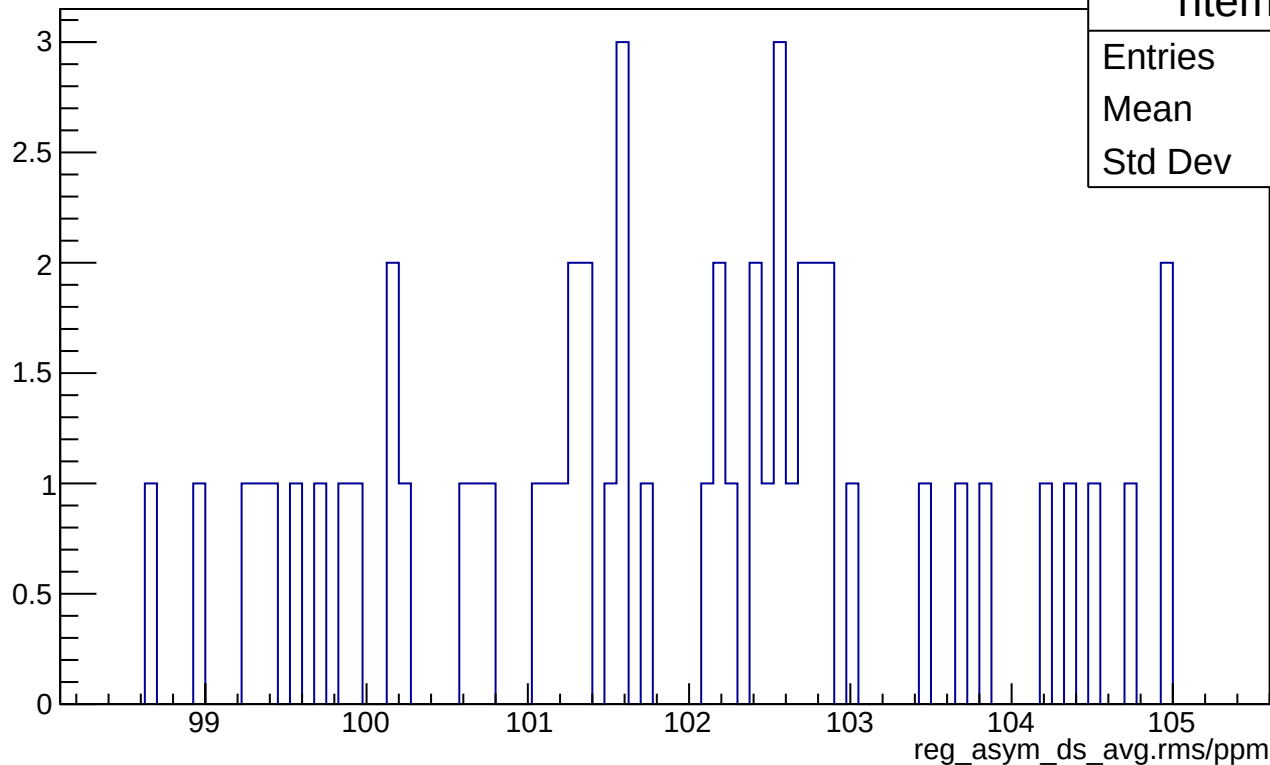
55.86 / 53

p0

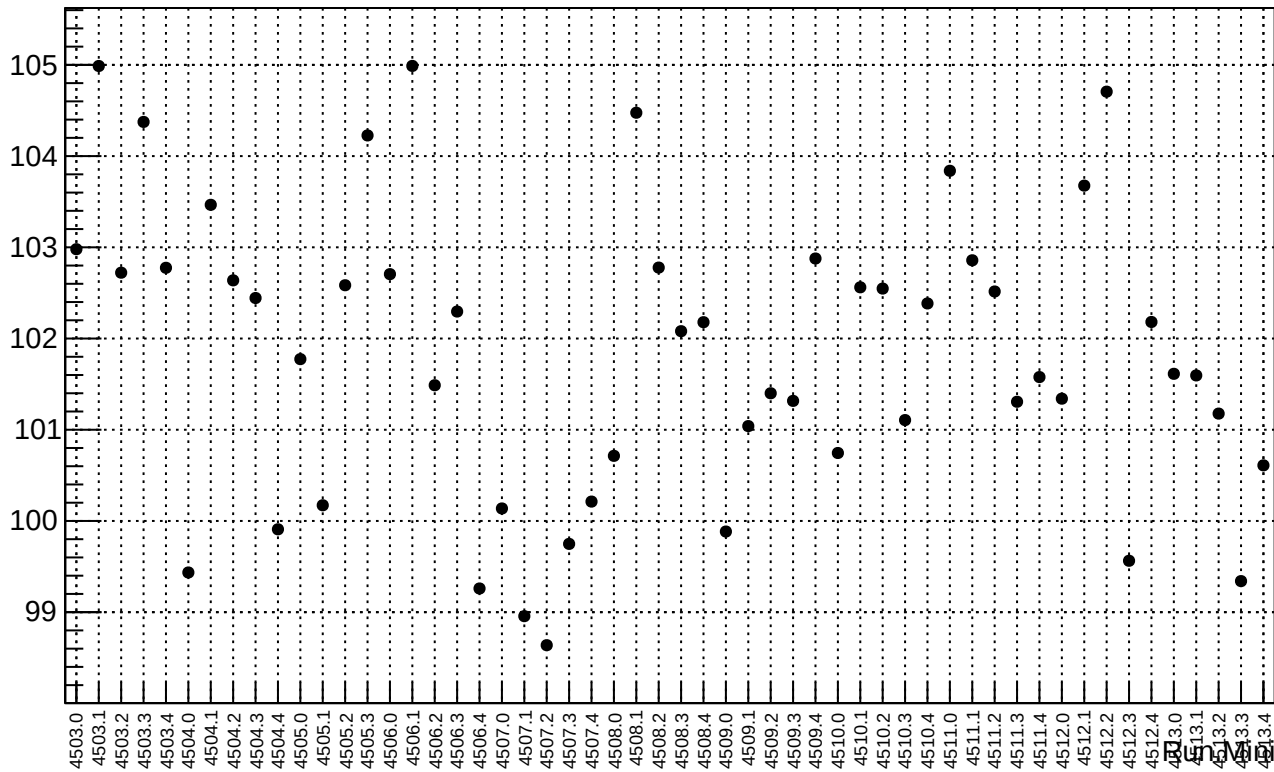
517.7 ± 140.7



reg_asym_ds_avg.rms/ppm



reg_asym_ds_avg.rms/ppm



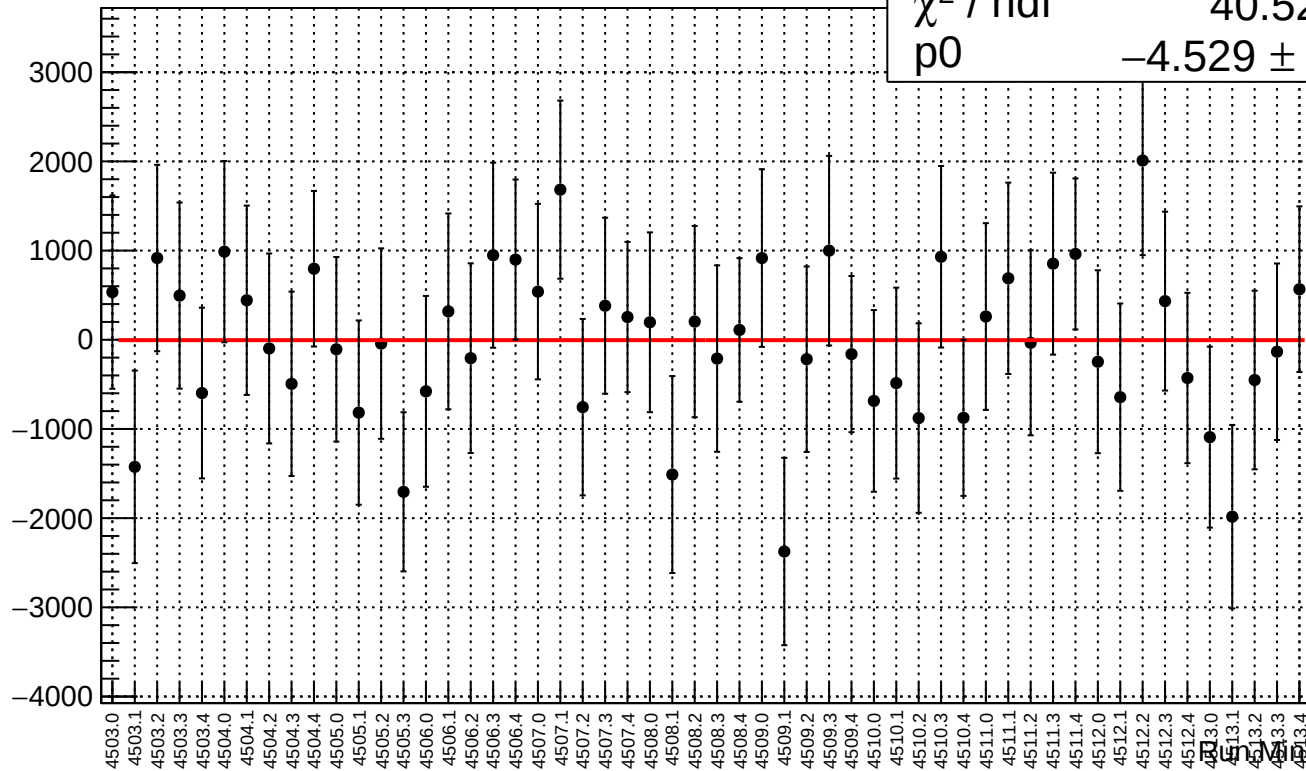
reg_asym_ds_dd.mean/ppb

χ^2 / ndf

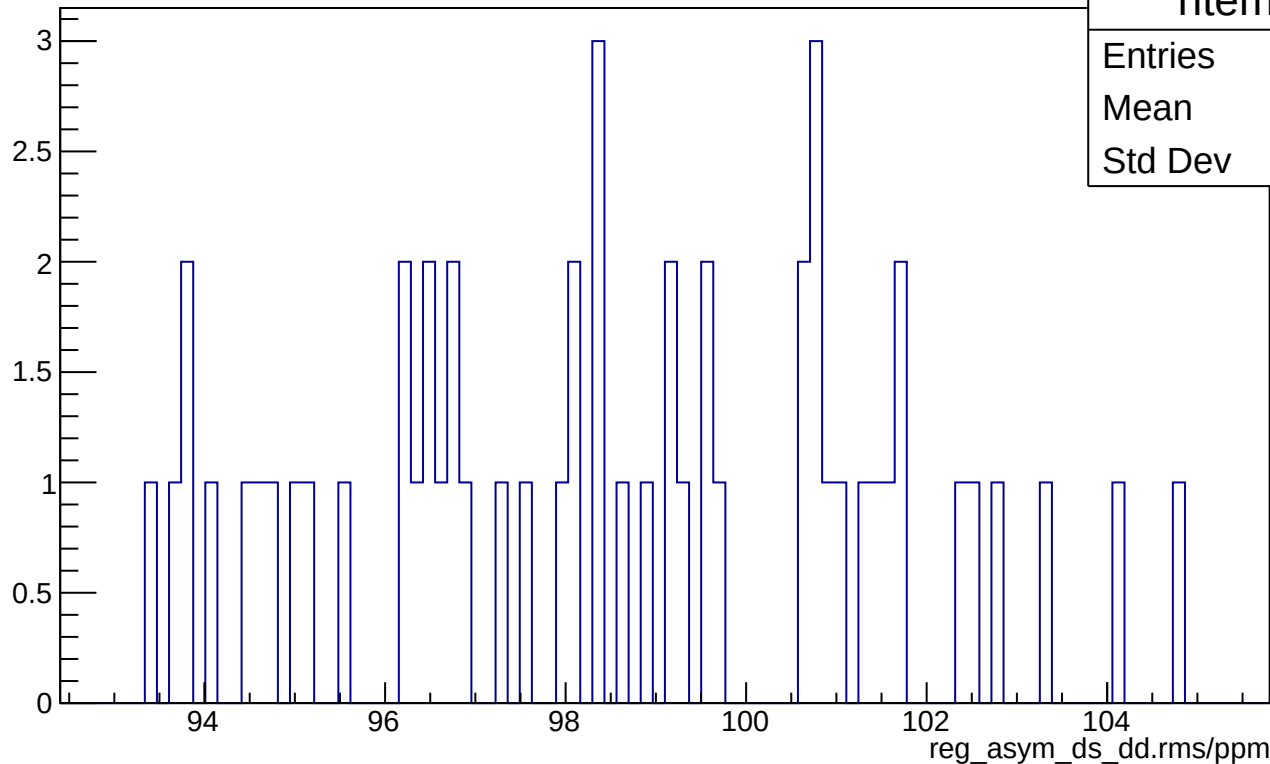
40.52 / 53

p0

-4.529 ± 136



reg_asym_ds_dd.rms/ppm



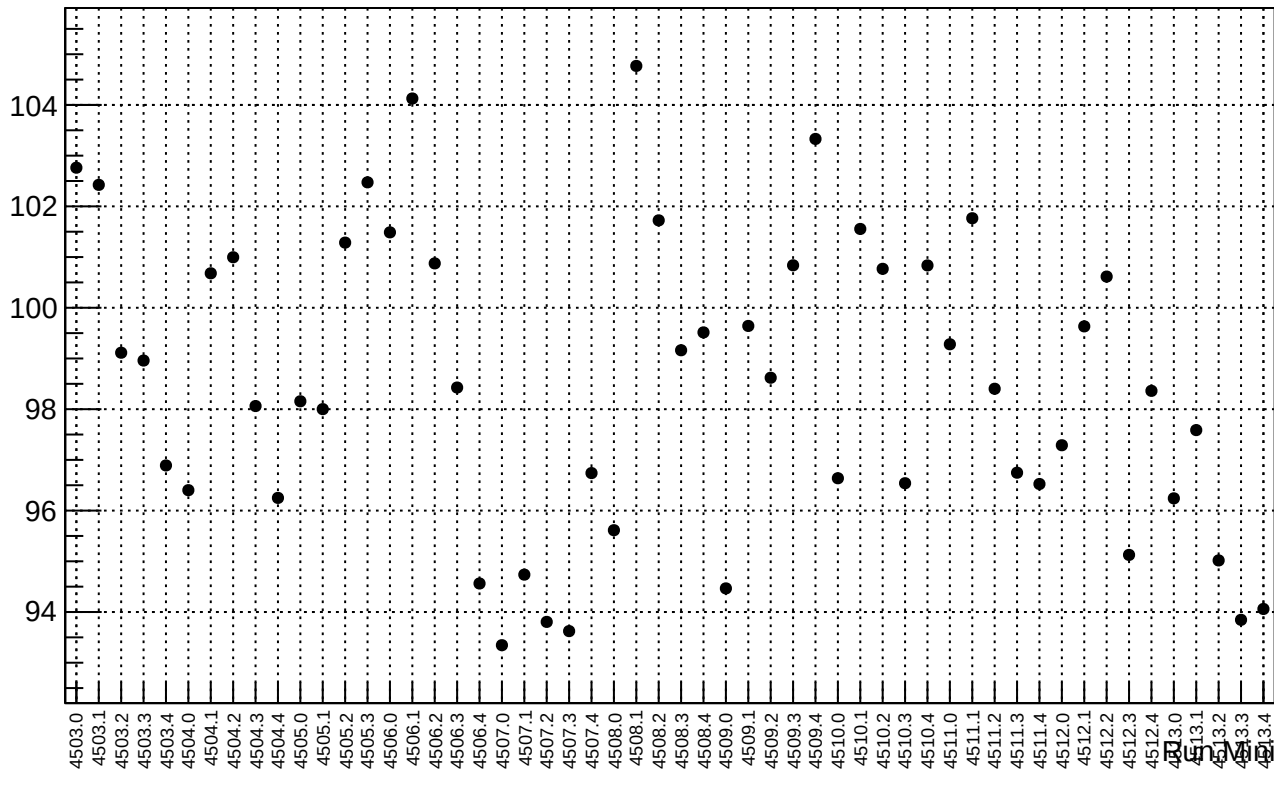
htemp

Entries 54

Mean 98.49

Std Dev 2.925

reg_asym_ds_dd.rms/ppm



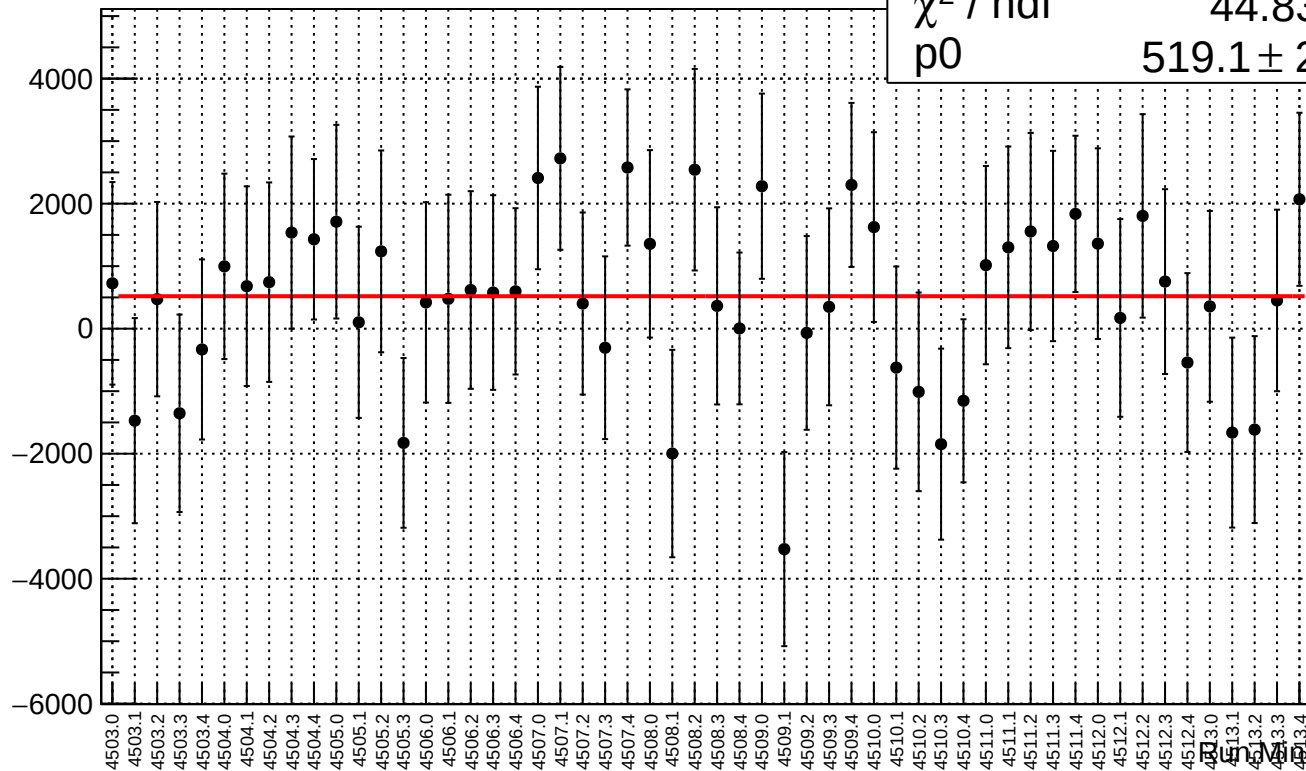
reg_asym_dsl.mean/ppb

χ^2 / ndf

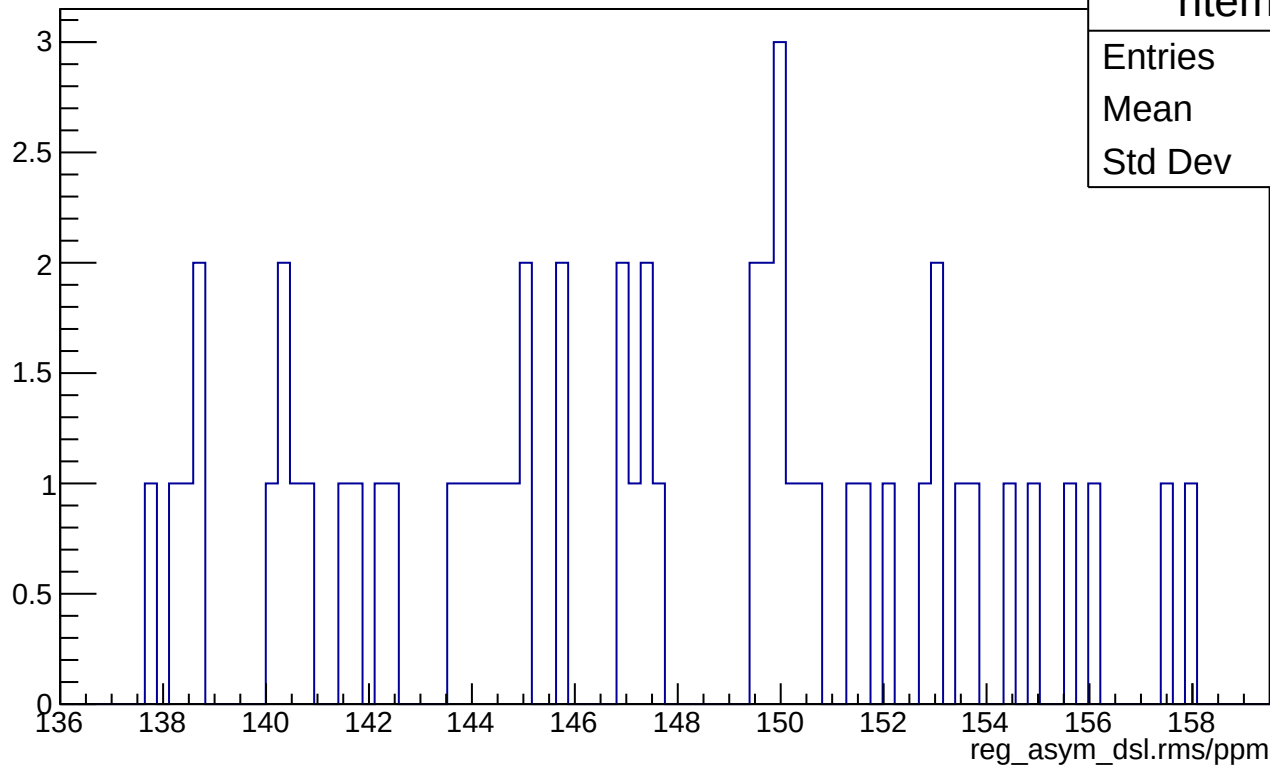
44.83 / 53

p0

519.1 ± 203.2



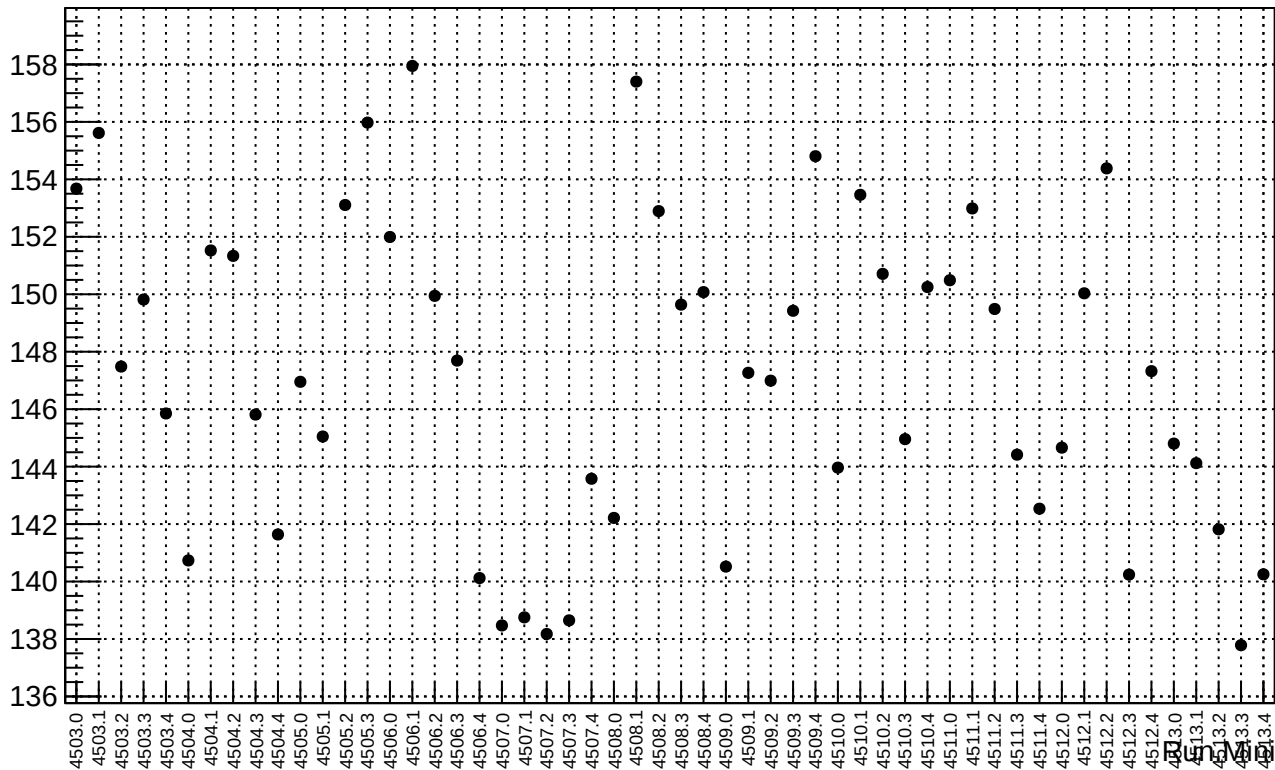
reg_asym_dsl.rms/ppm



htemp

Entries	54
Mean	147.2
Std Dev	5.434

reg_asym_dsl.rms/ppm



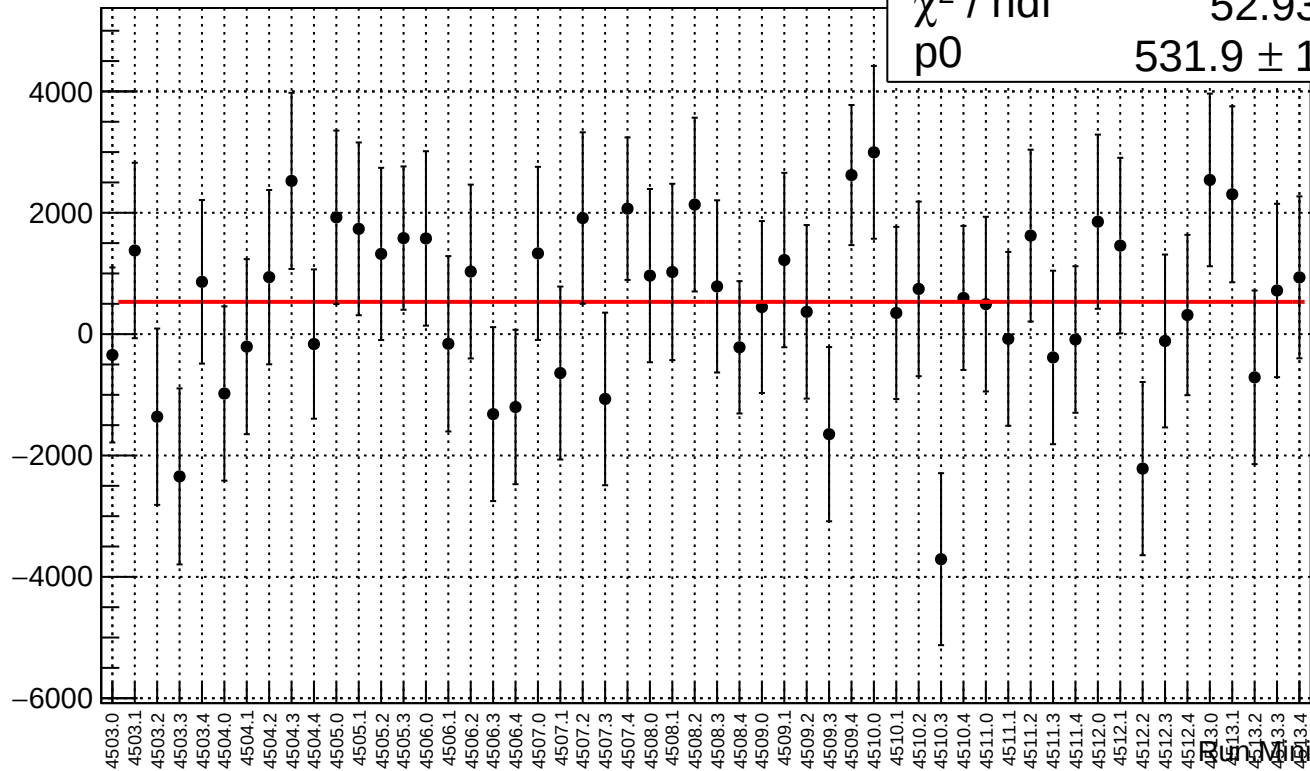
reg_asym_dsr.mean/ppb

χ^2 / ndf

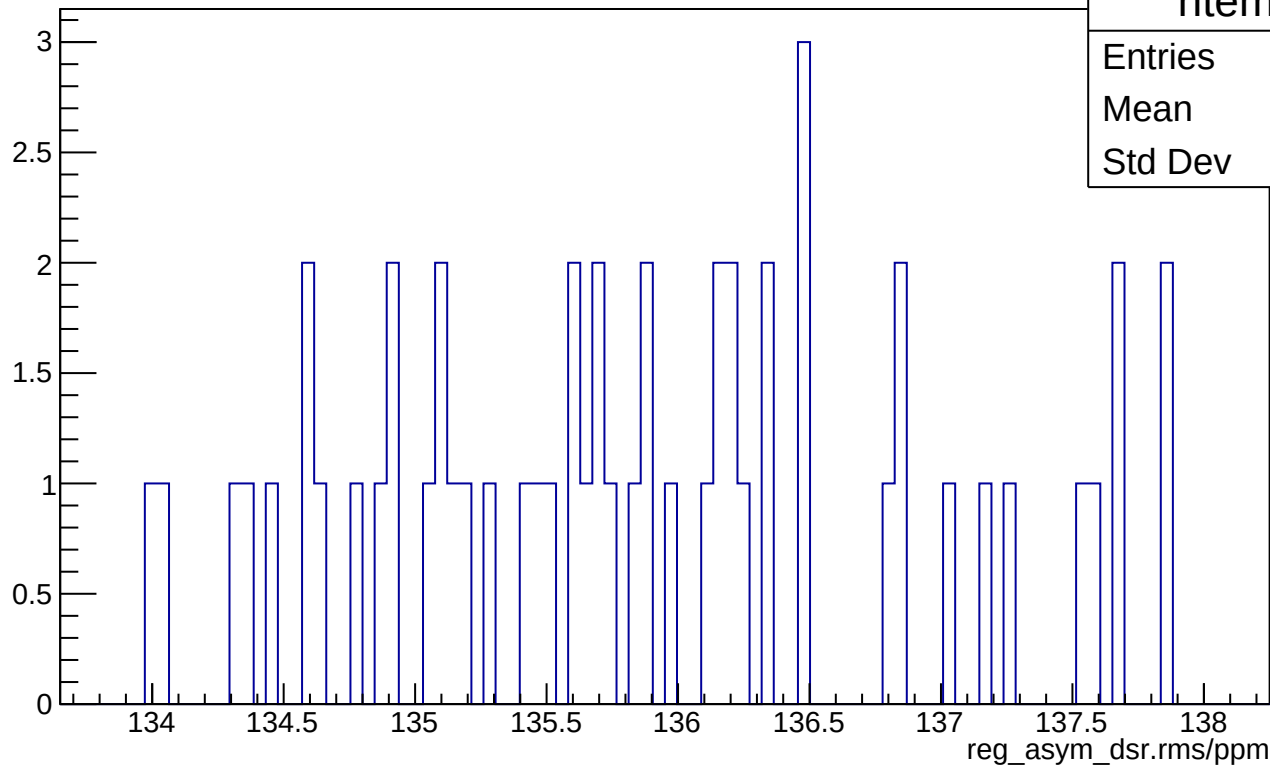
52.93 / 53

p0

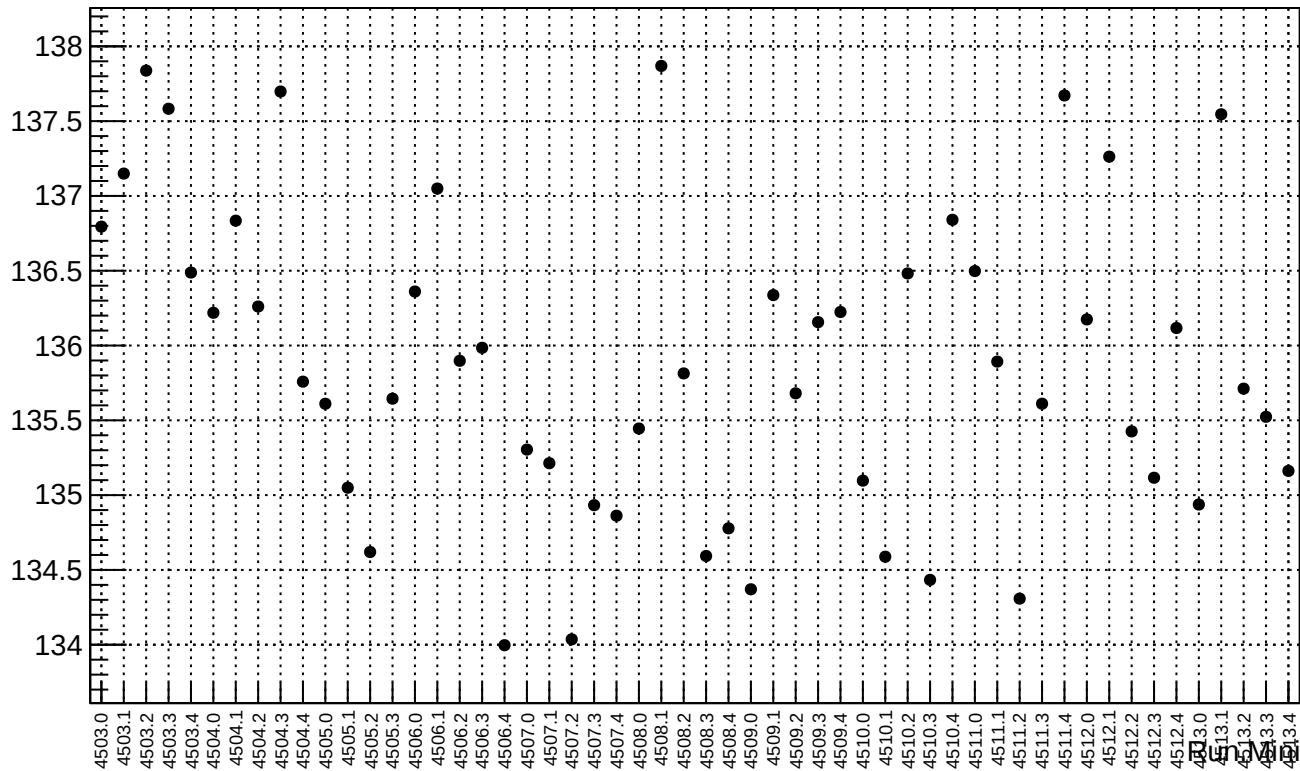
531.9 ± 187.8



reg_asym_dsr.rms/ppm



reg_asym_dsr.rms/ppm



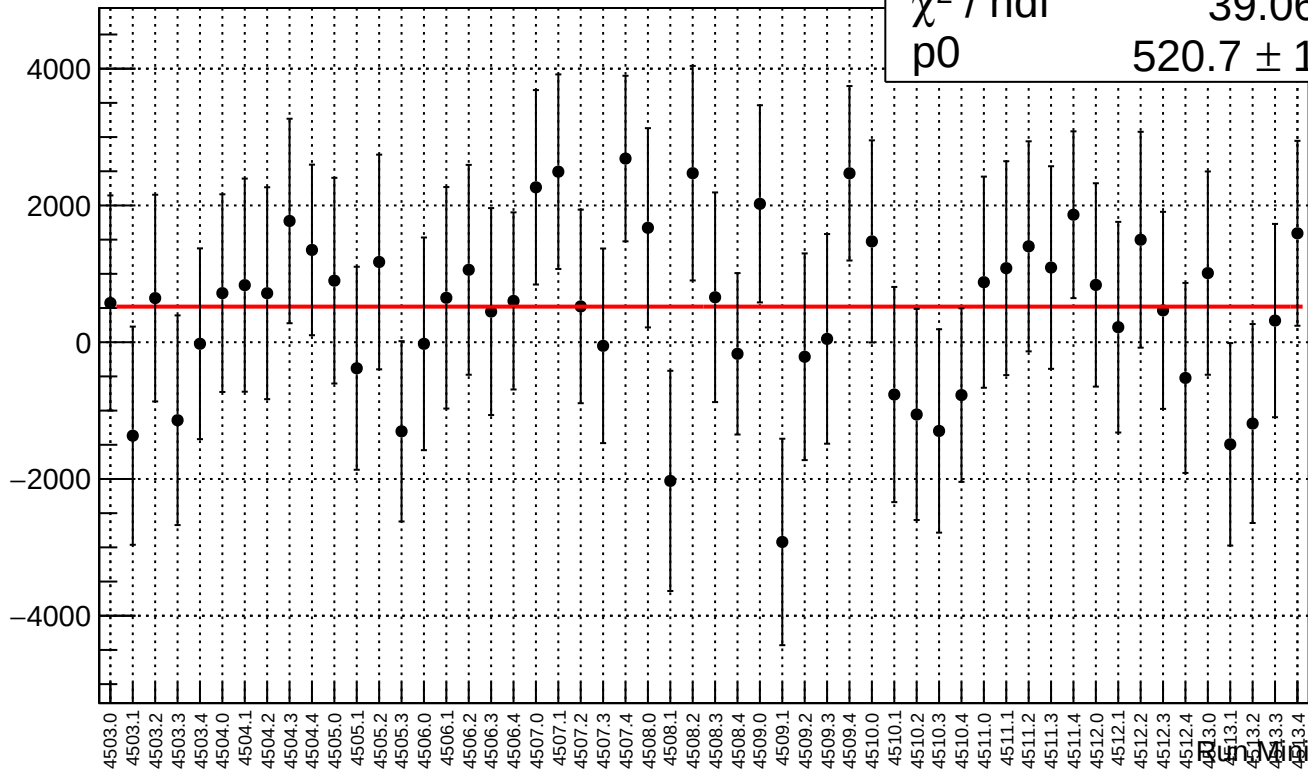
reg_asym_left_avg.mean/ppb

χ^2 / ndf

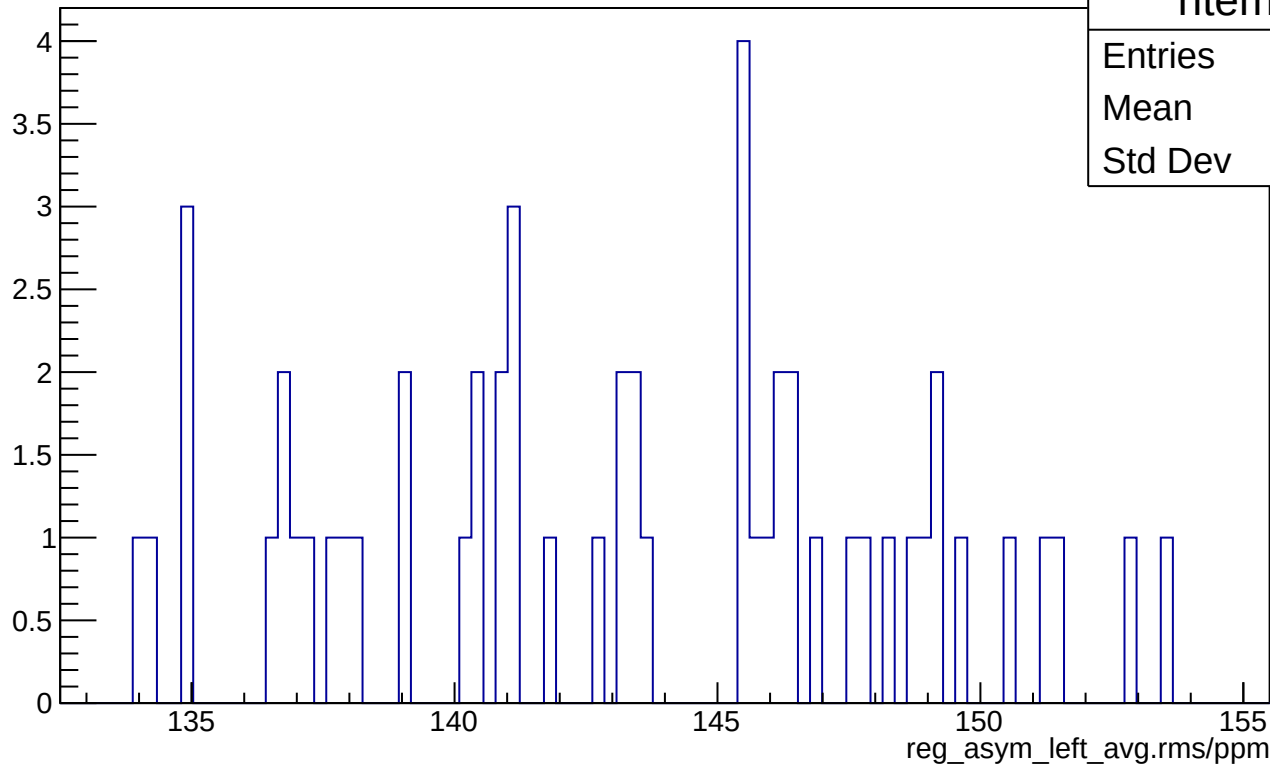
39.06 / 53

p0

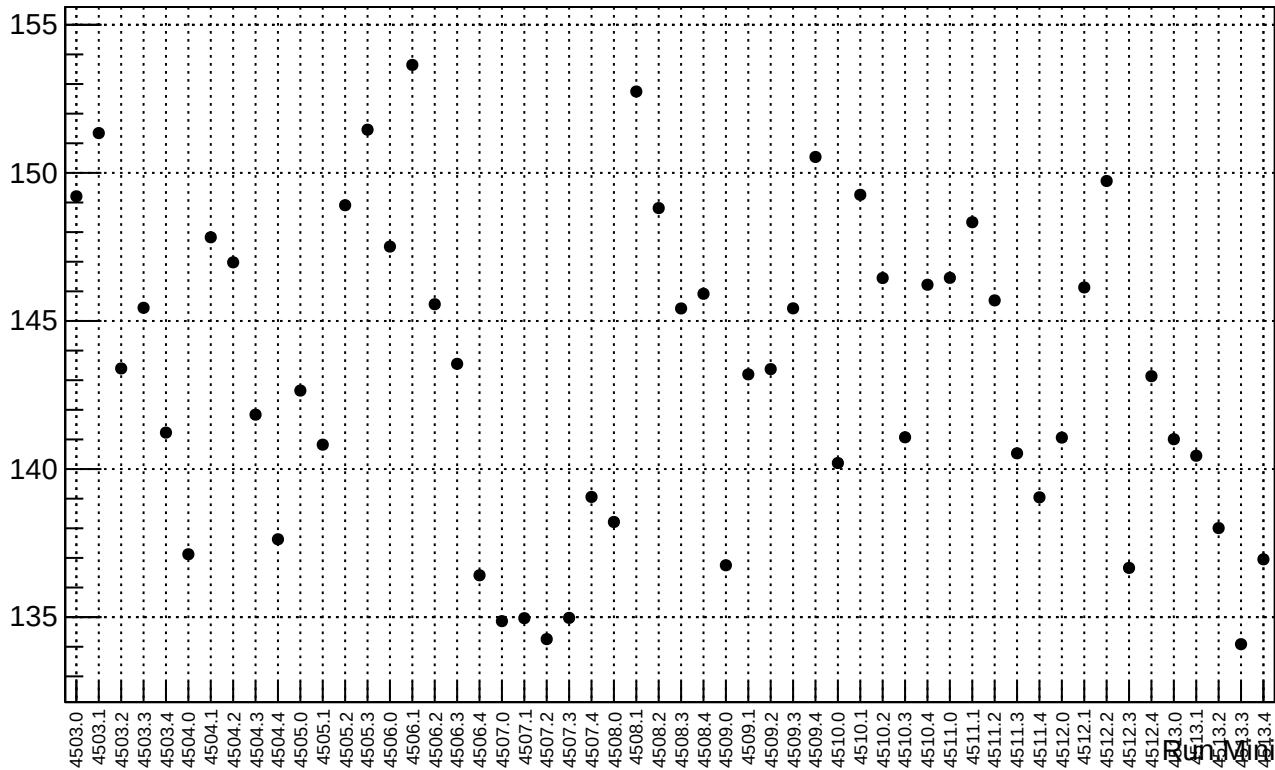
520.7 ± 197.6



reg_asym_left_avg.rms/ppm



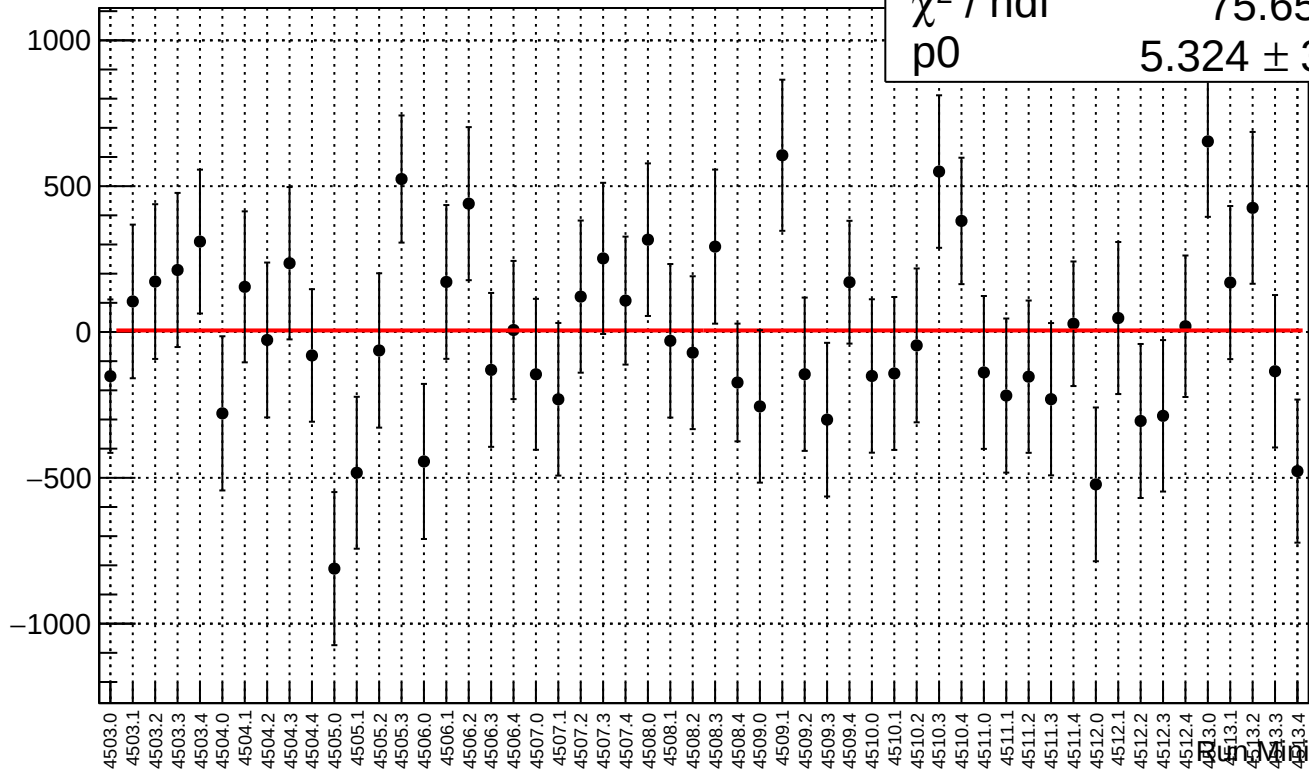
reg_asym_left_avg.rms/ppm



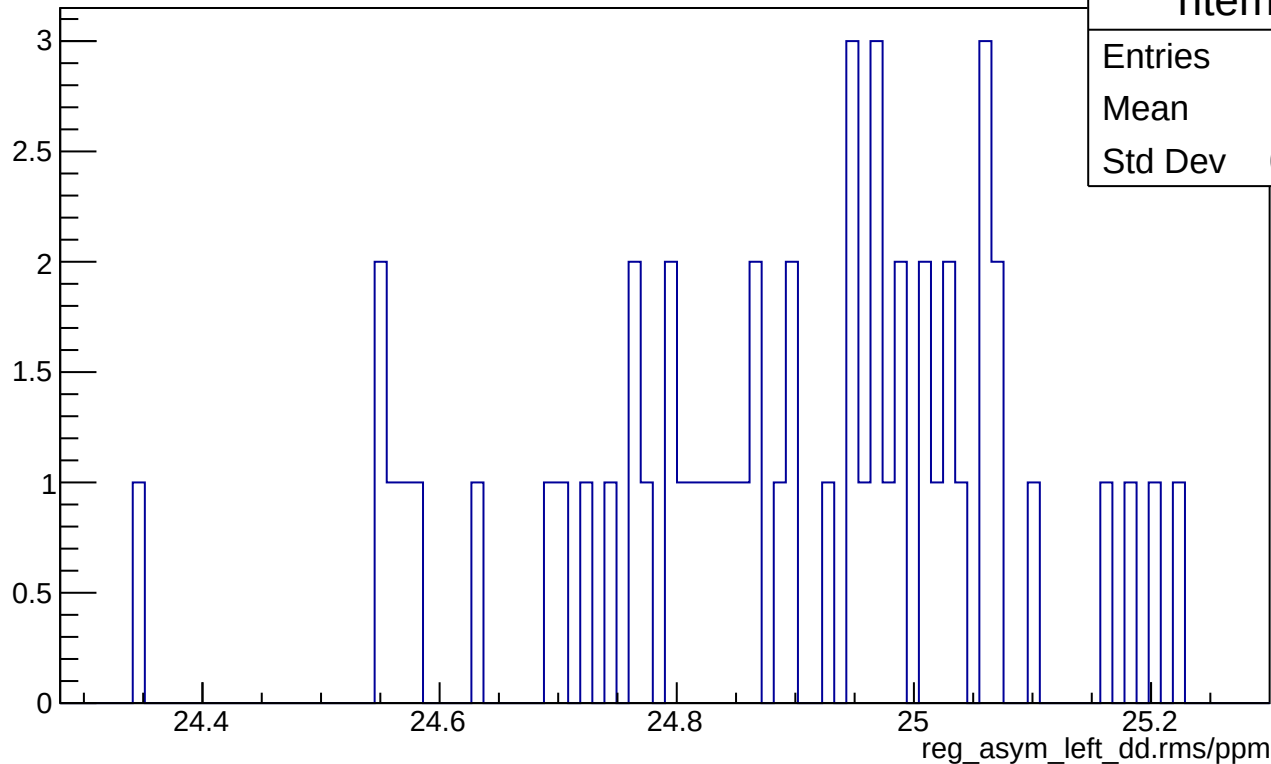
reg_asym_left_dd.mean/ppb

χ^2 / ndf
p0

75.65 / 53
 5.324 ± 34.41



reg_asym_left_dd.rms/ppm



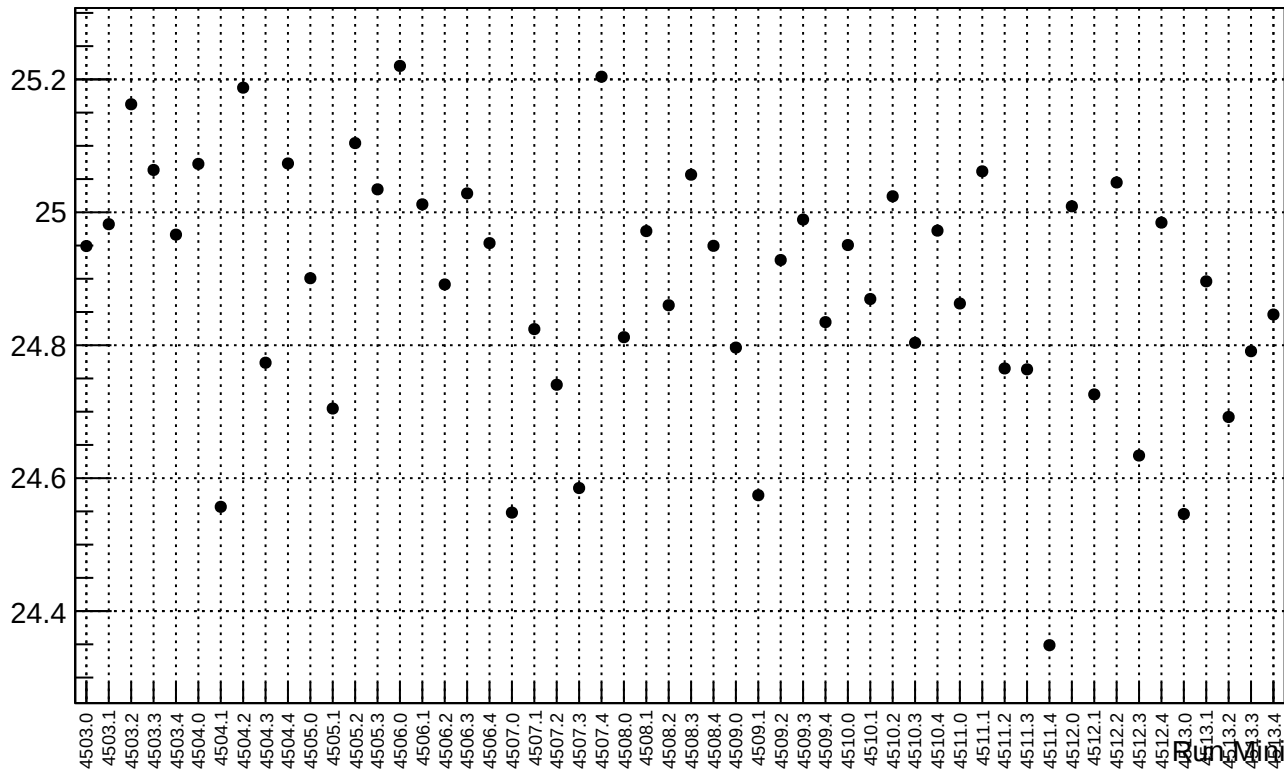
htemp

Entries 54

Mean 24.89

Std Dev 0.1852

reg_asym_left_dd.rms/ppm



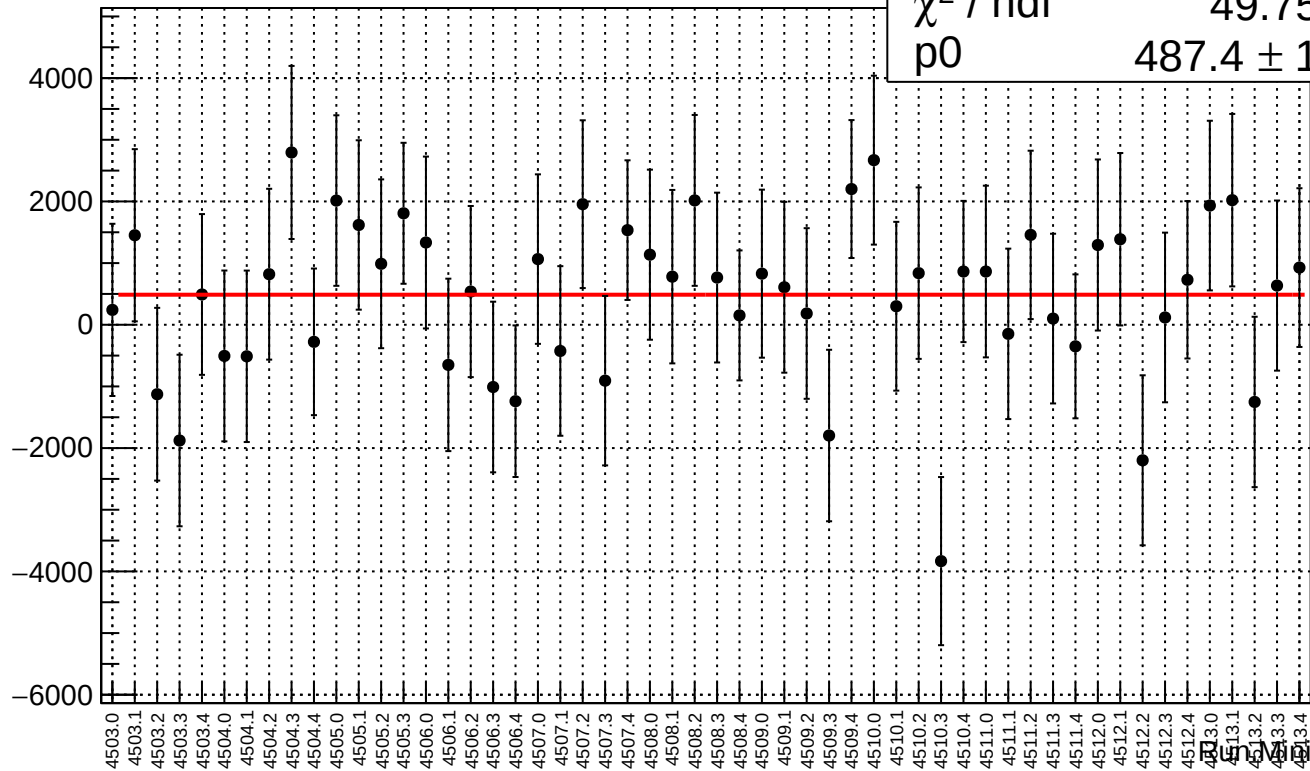
reg_asym_right_avg.mean/ppb

χ^2 / ndf

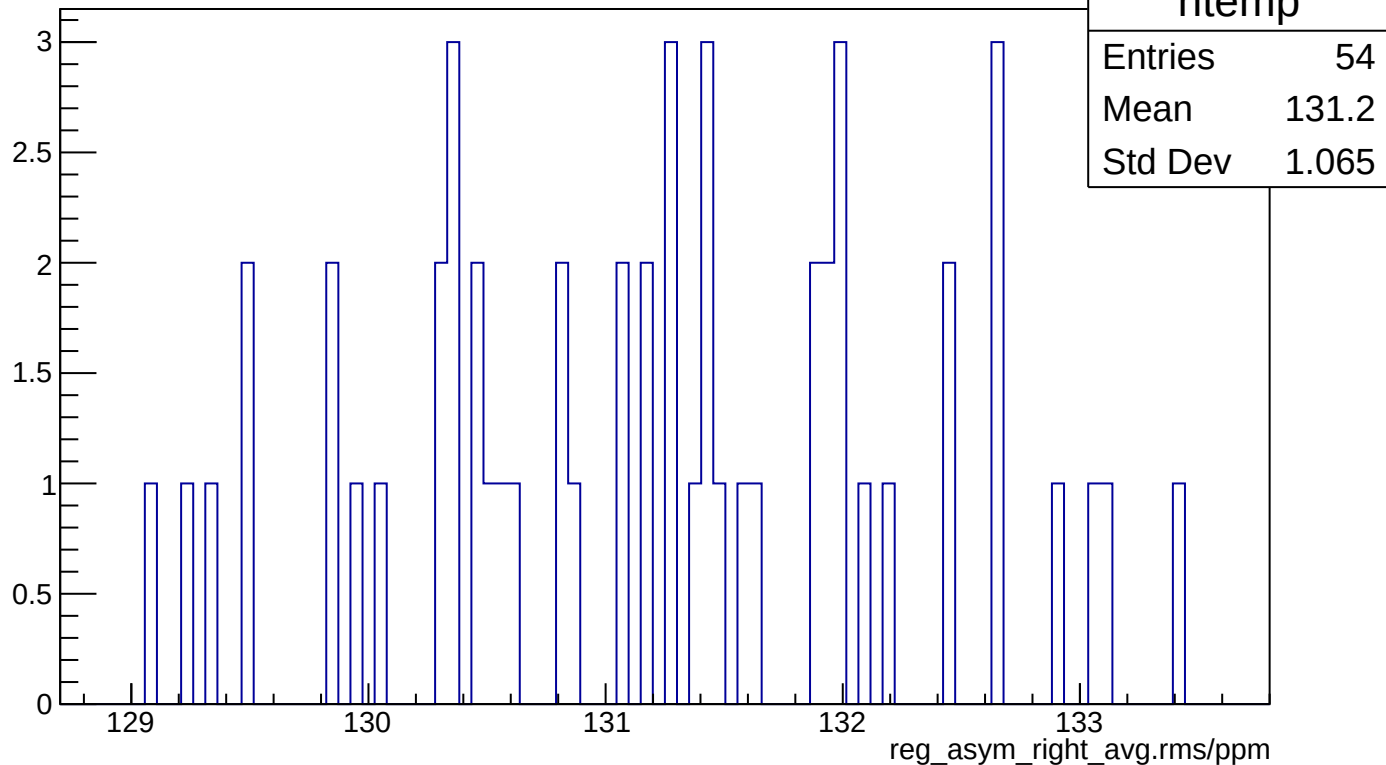
49.75 / 53

p0

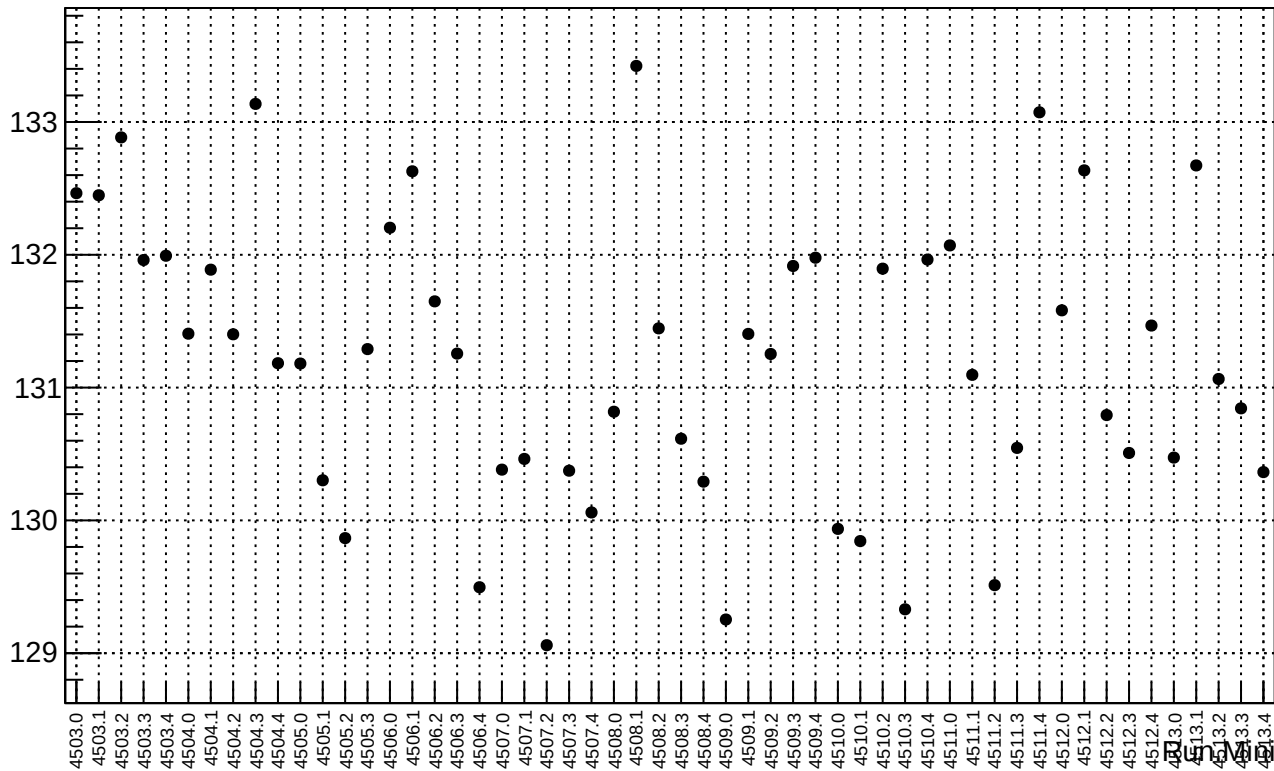
487.4 ± 181.4



reg_asym_right_avg.rms/ppm



reg_asym_right_avg.rms/ppm



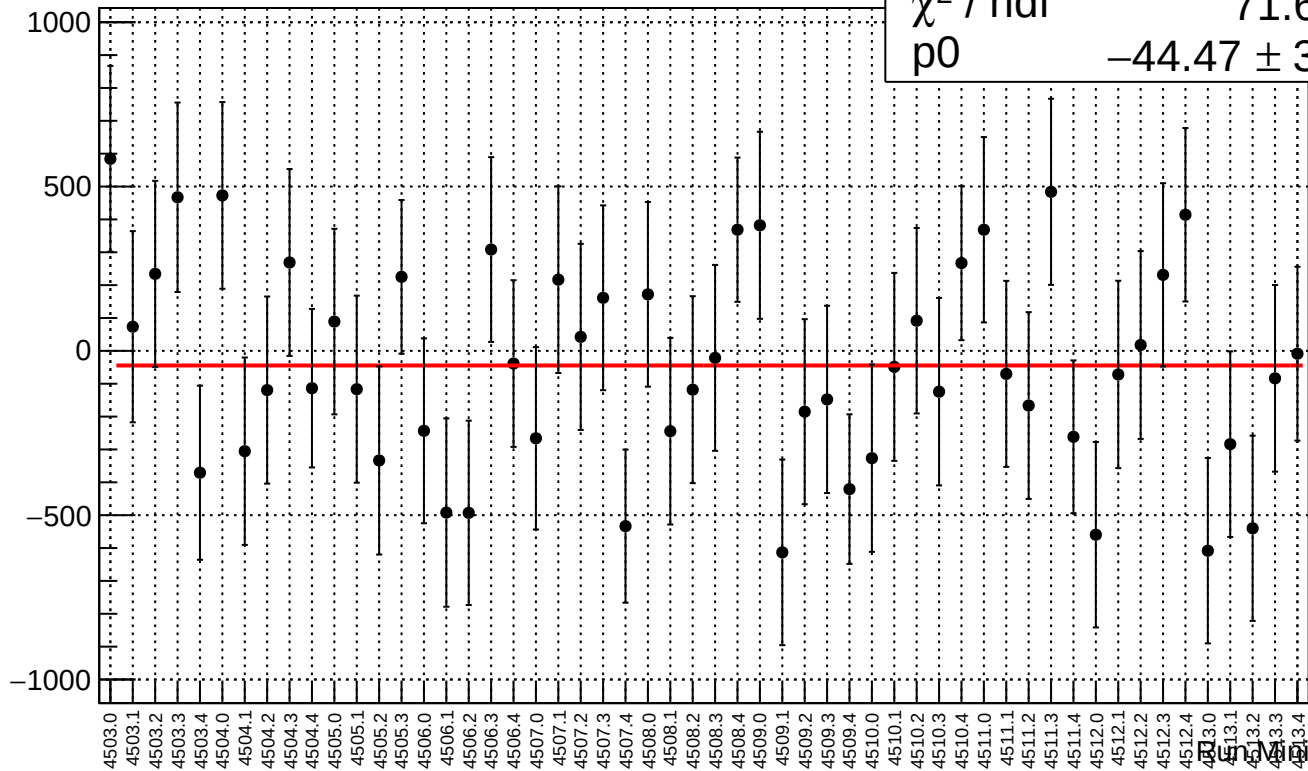
reg_asym_right_dd.mean/ppb

χ^2 / ndf

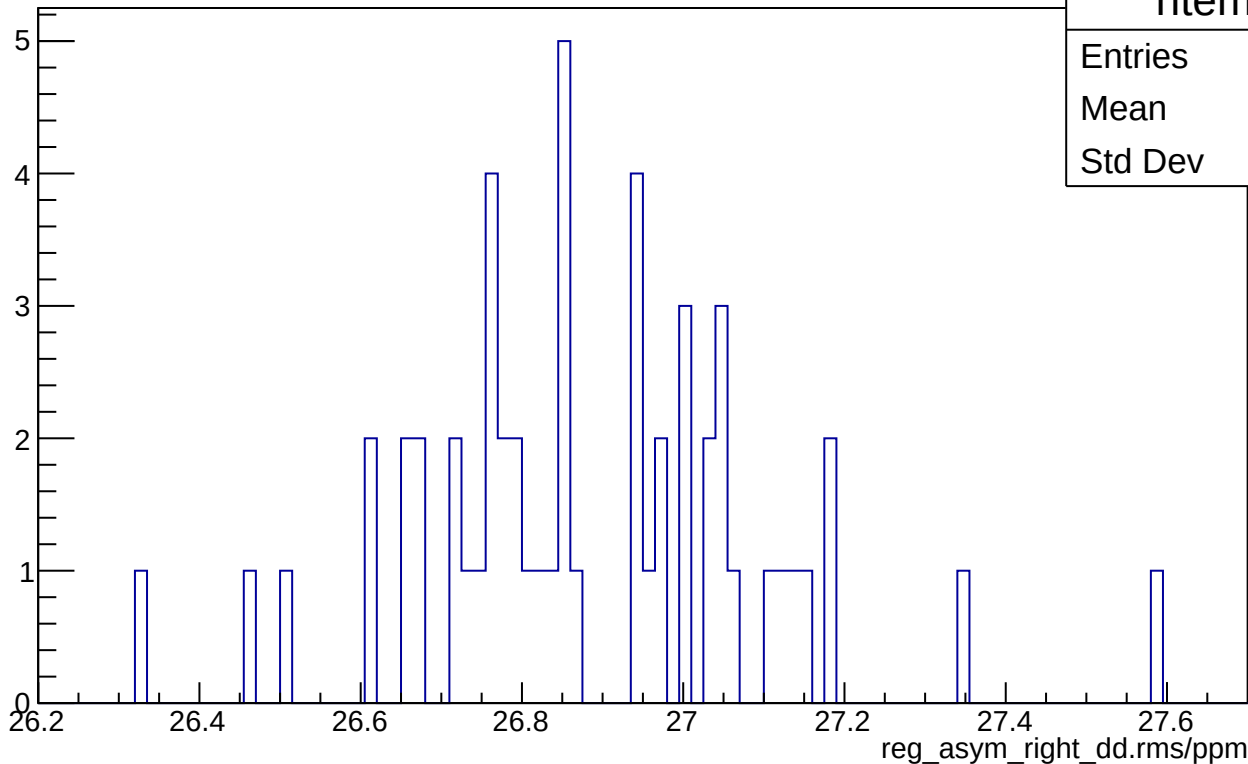
71.6 / 53

p0

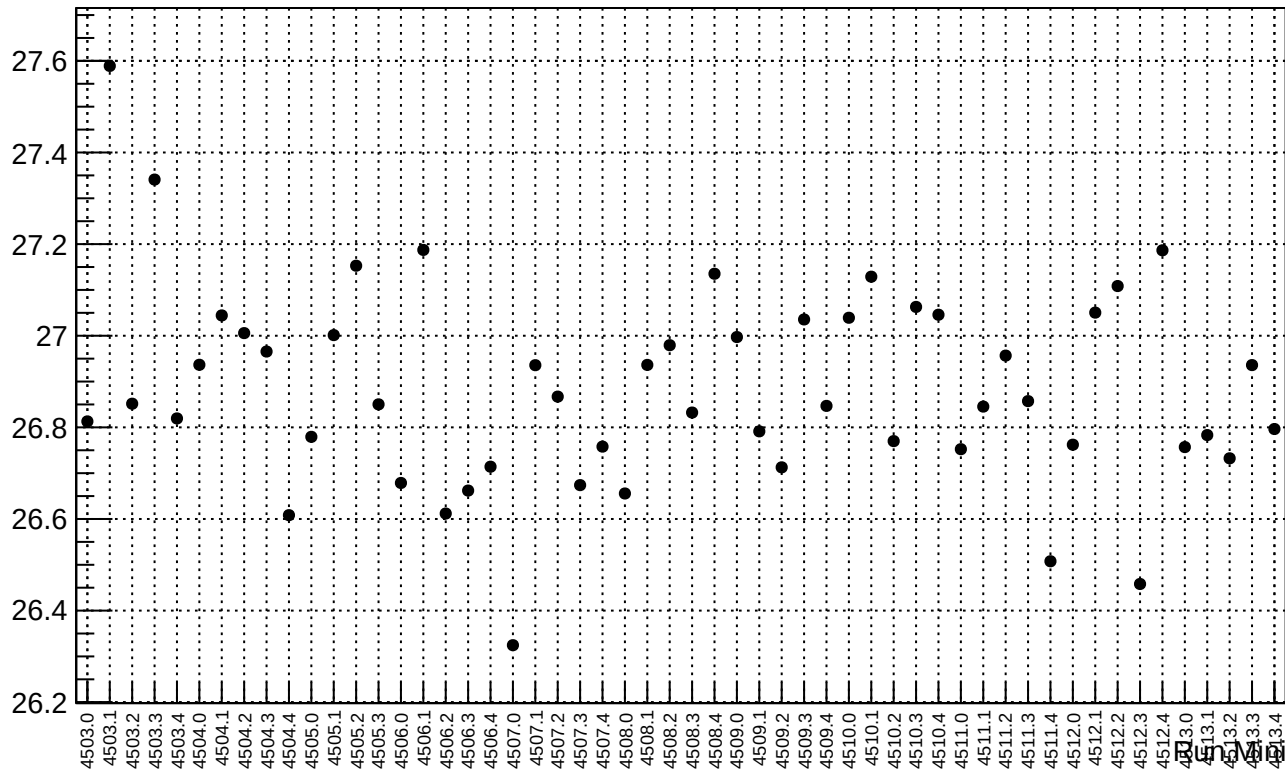
-44.47 ± 37.16



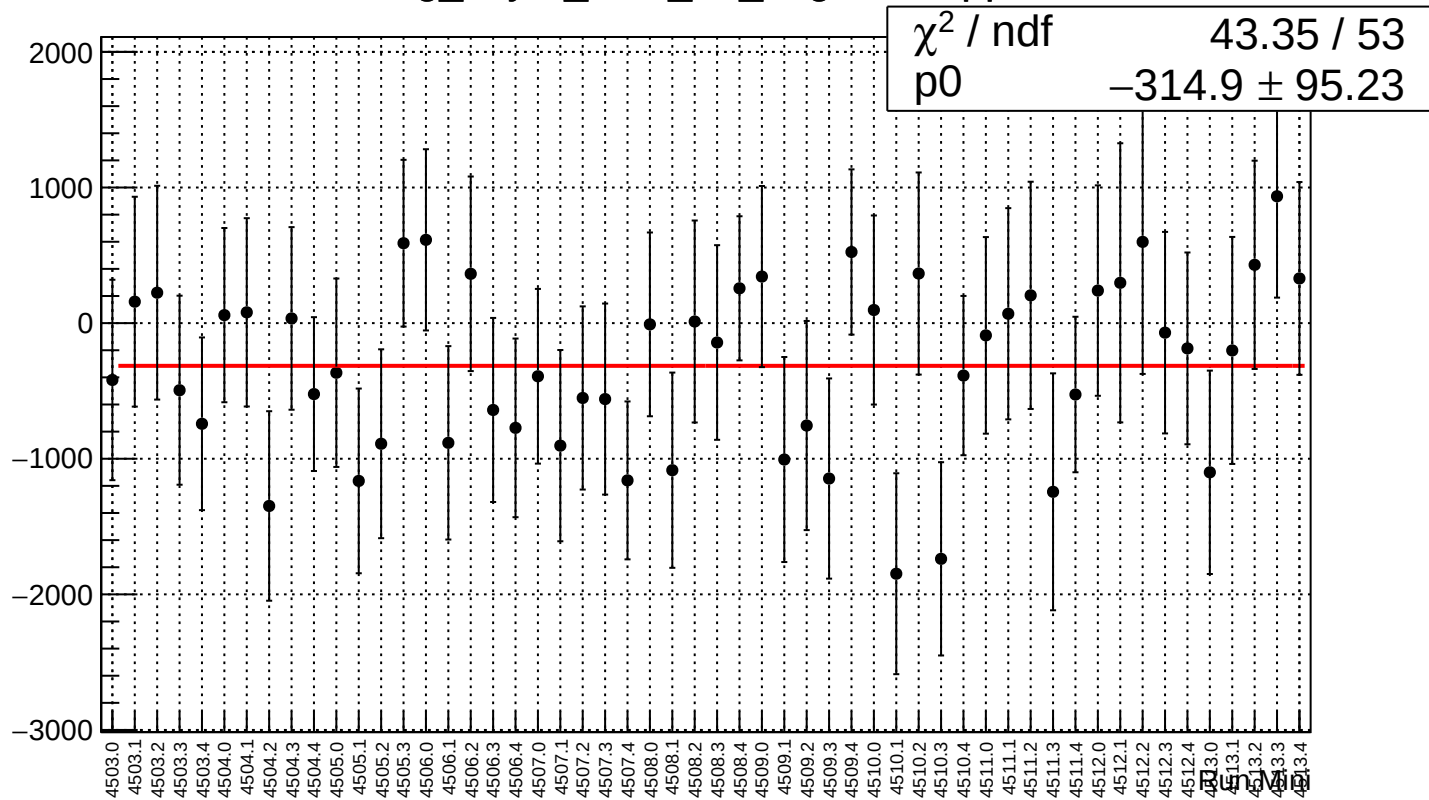
reg_asym_right_dd.rms/ppm



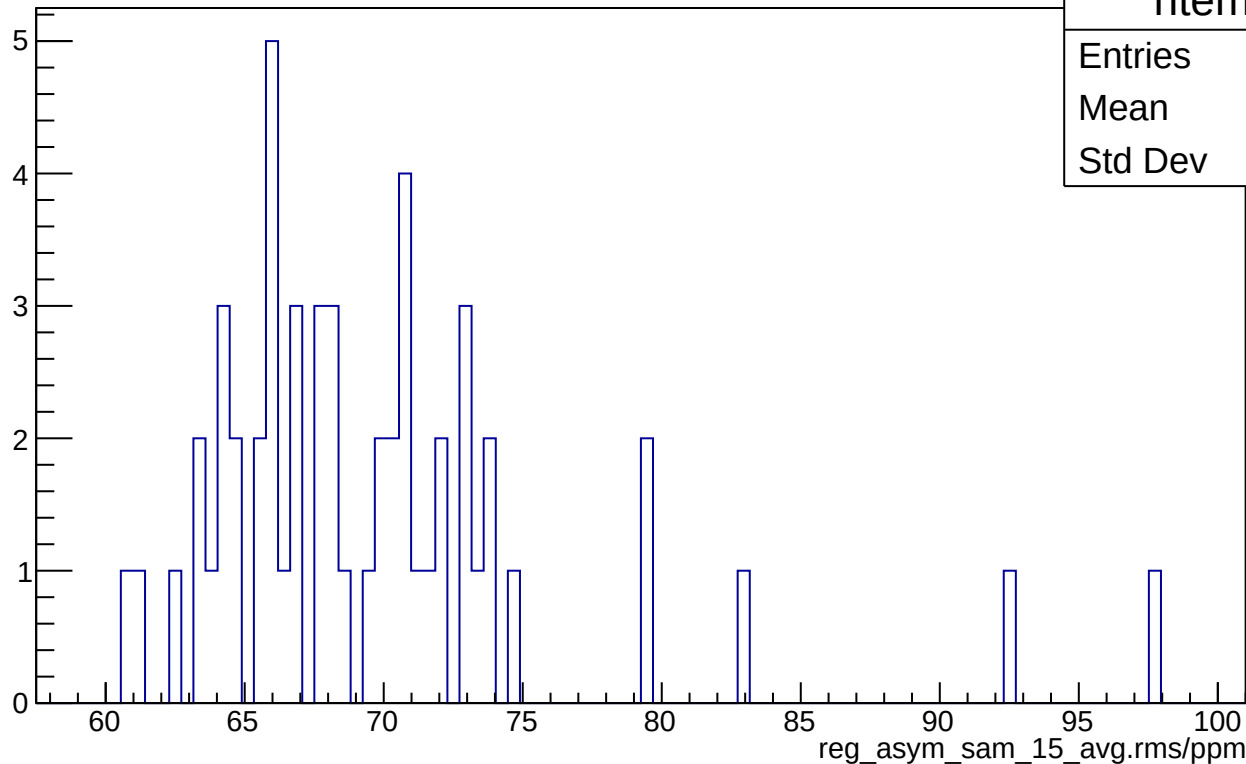
reg_asym_right_dd.rms/ppm



reg_asym_sam_15_avg.mean/ppb



reg_asym_sam_15_avg.rms/ppm



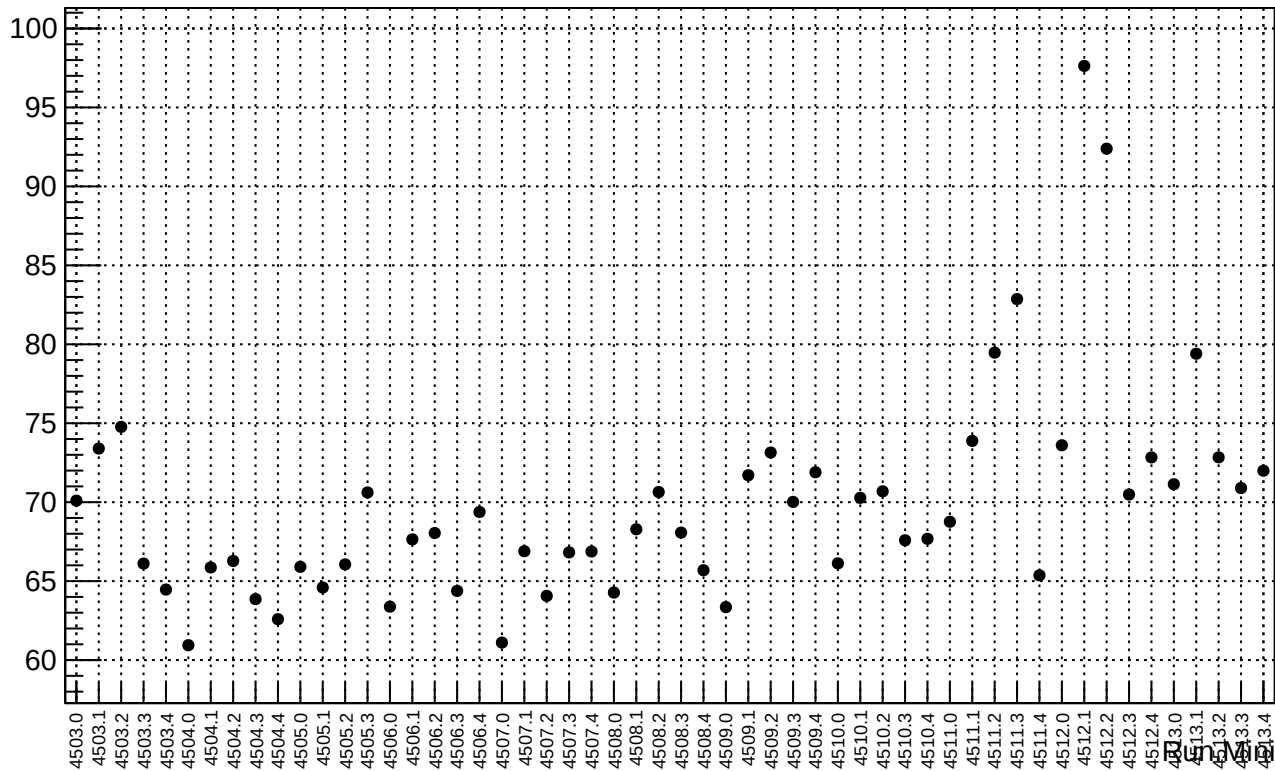
htemp

Entries 54

Mean 69.76

Std Dev 6.668

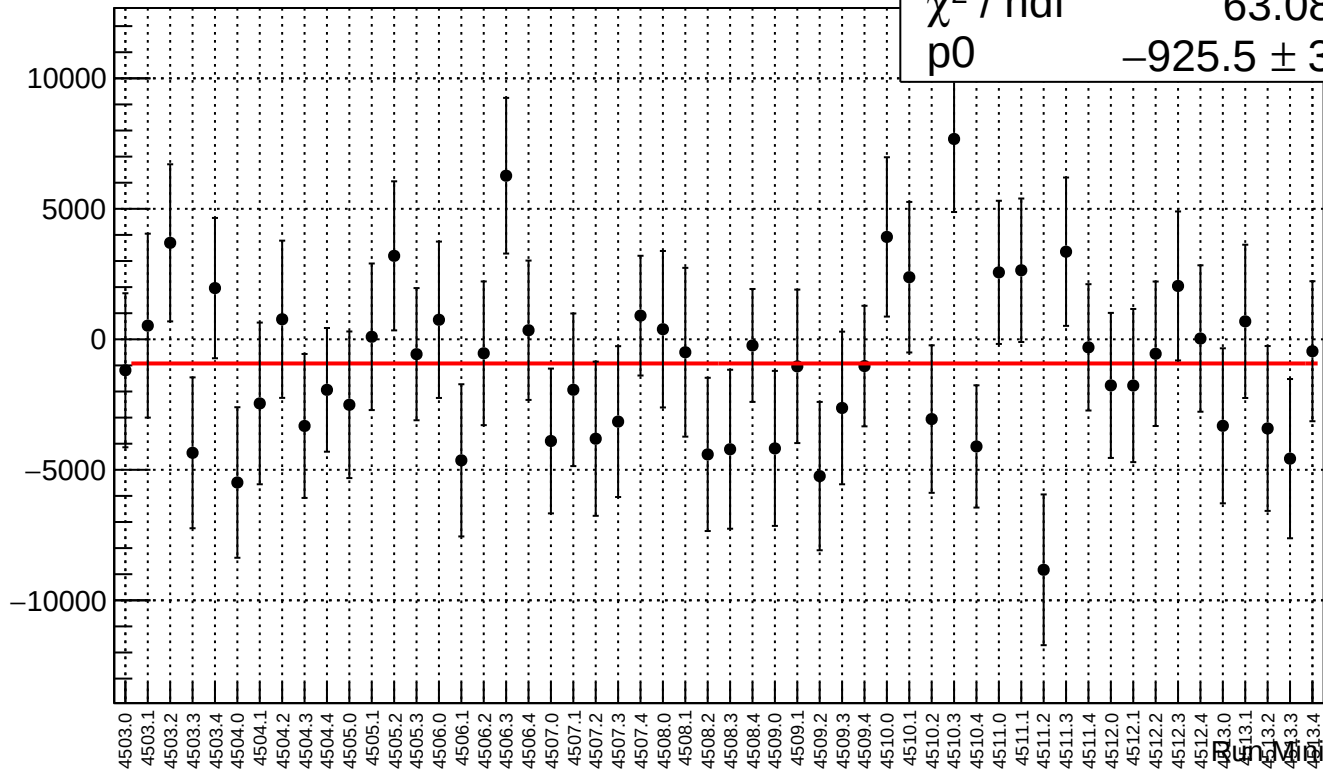
reg_asym_sam_15_avg.rms/ppm



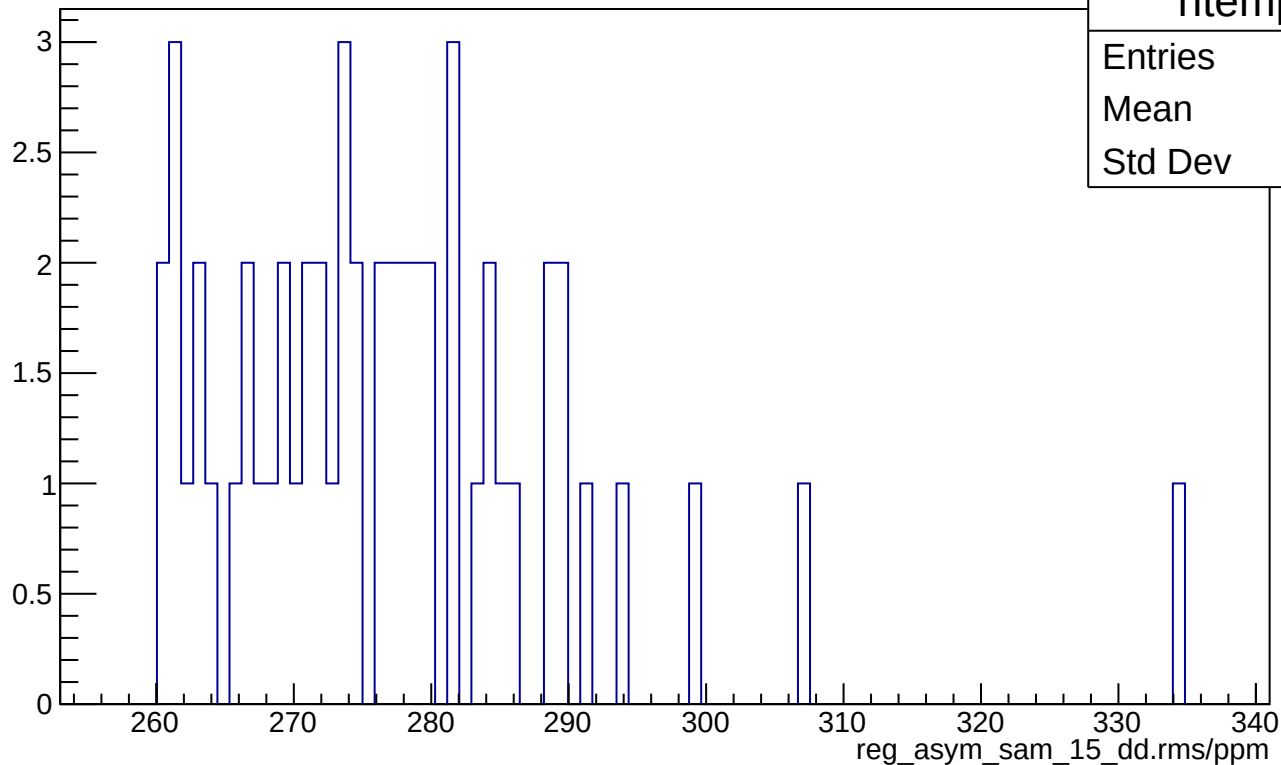
reg_asym_sam_15_dd.mean/ppb

χ^2 / ndf
p0

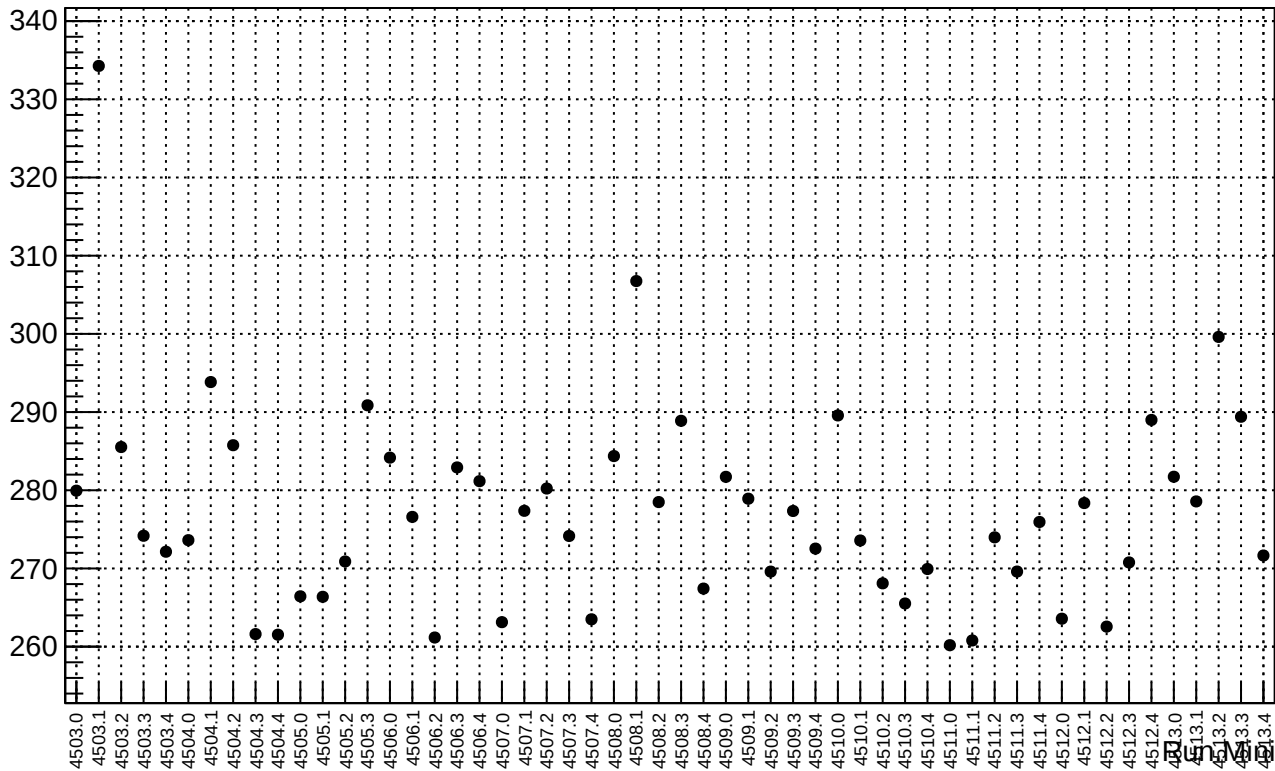
63.08 / 53
 -925.5 ± 381.5



reg_asym_sam_15_dd.rms/ppm



reg_asym_sam_15_dd.rms/ppm

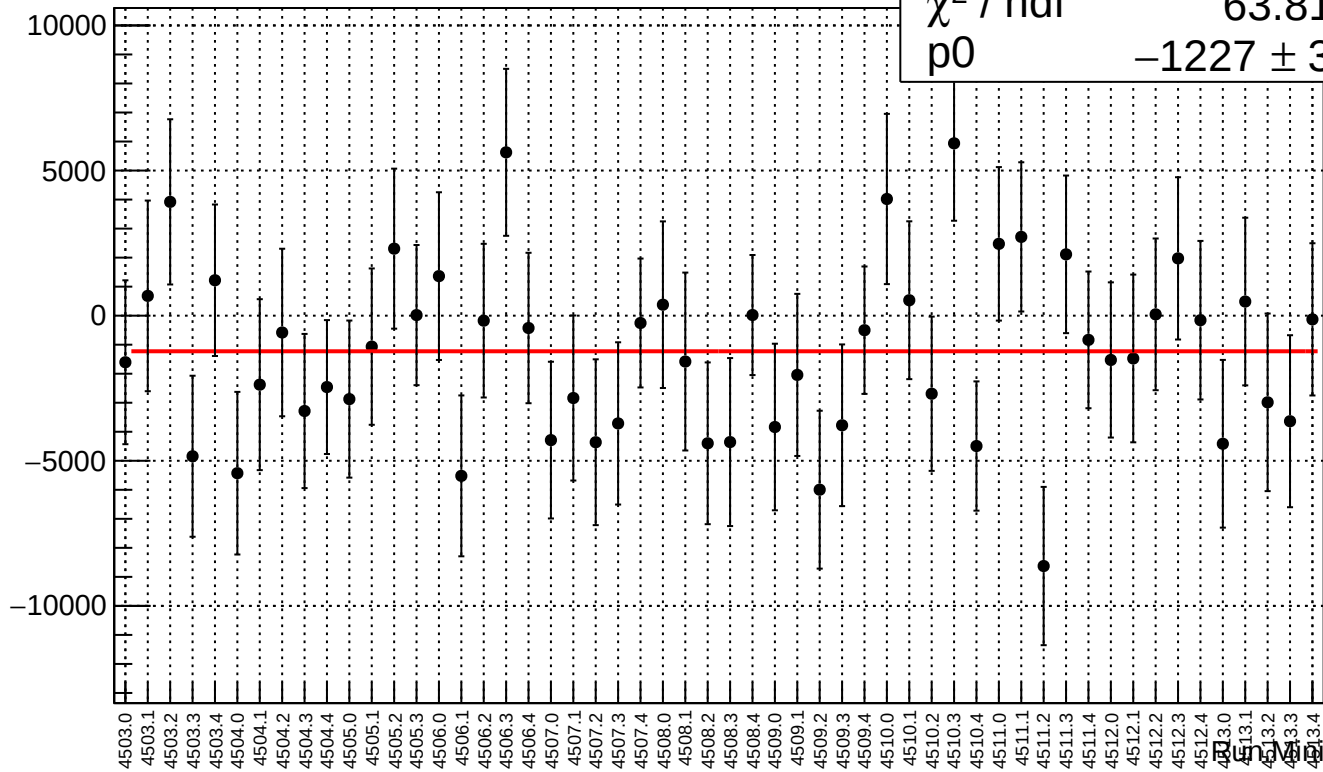


reg_asym_sam1.mean/ppb

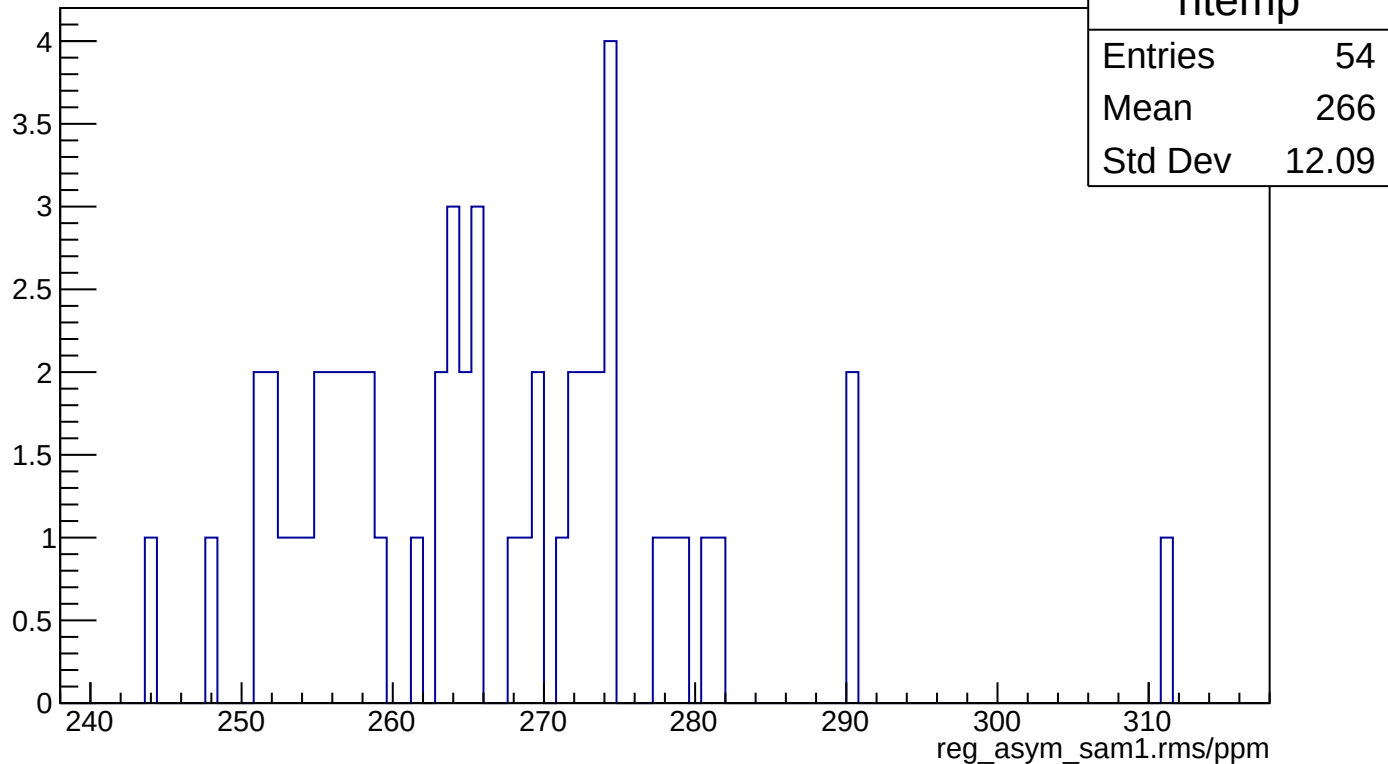
χ^2 / ndf
p0

63.81 / 53

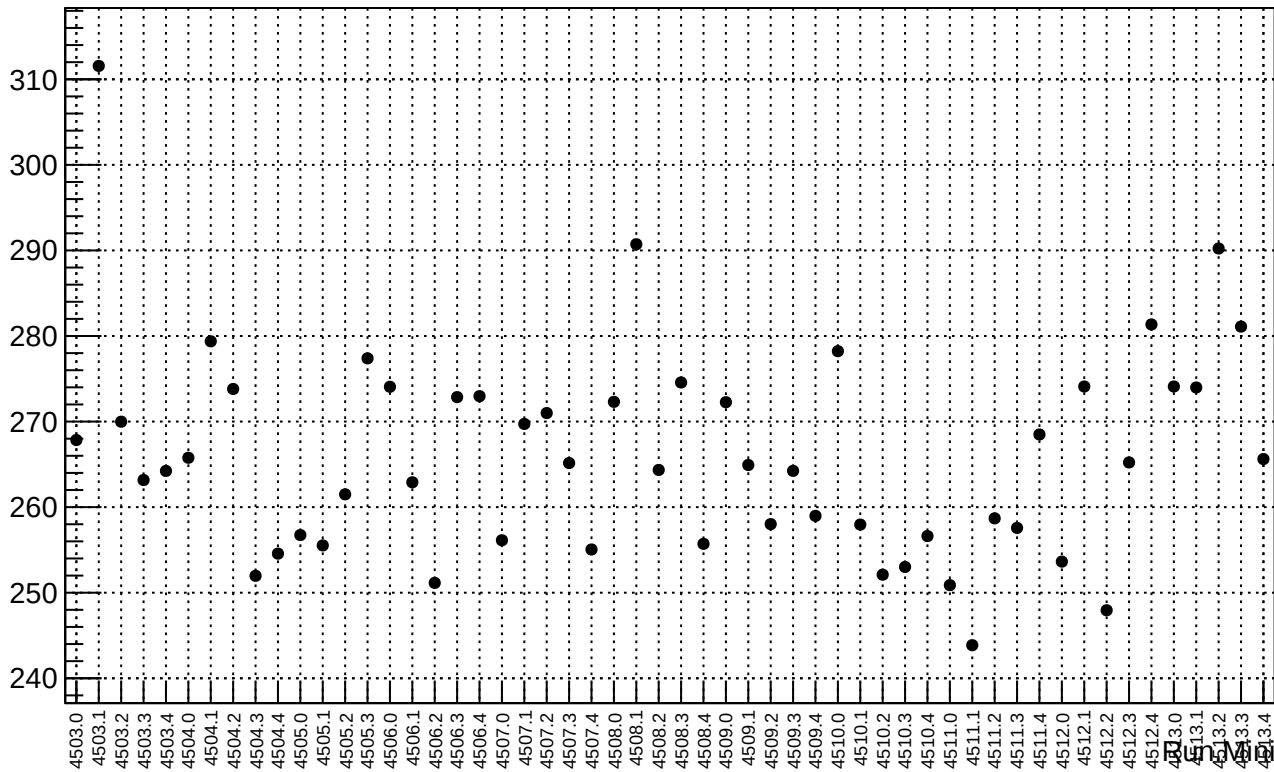
-1227 ± 366.4



reg_asym_sam1.rms/ppm



reg_asym_sam1.rms/ppm

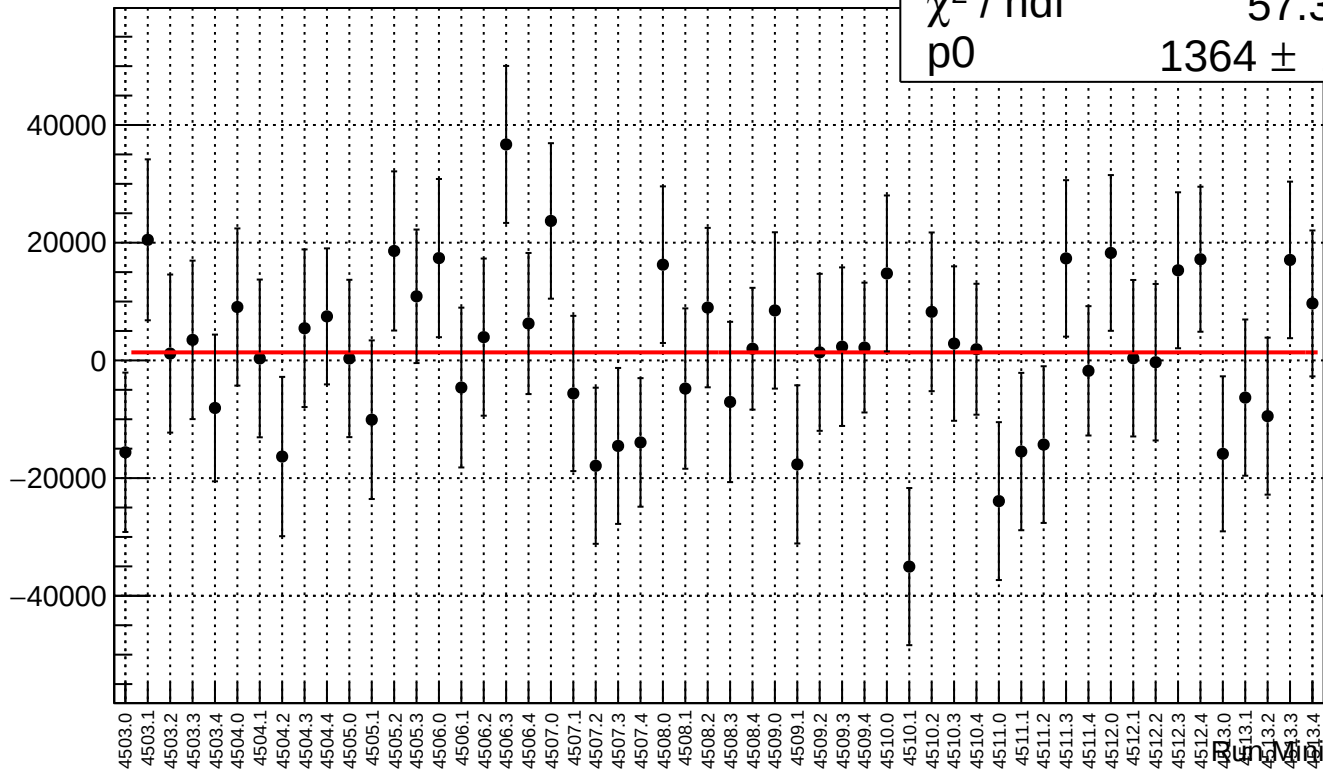


reg_asym_sam_26_avg.mean/ppb

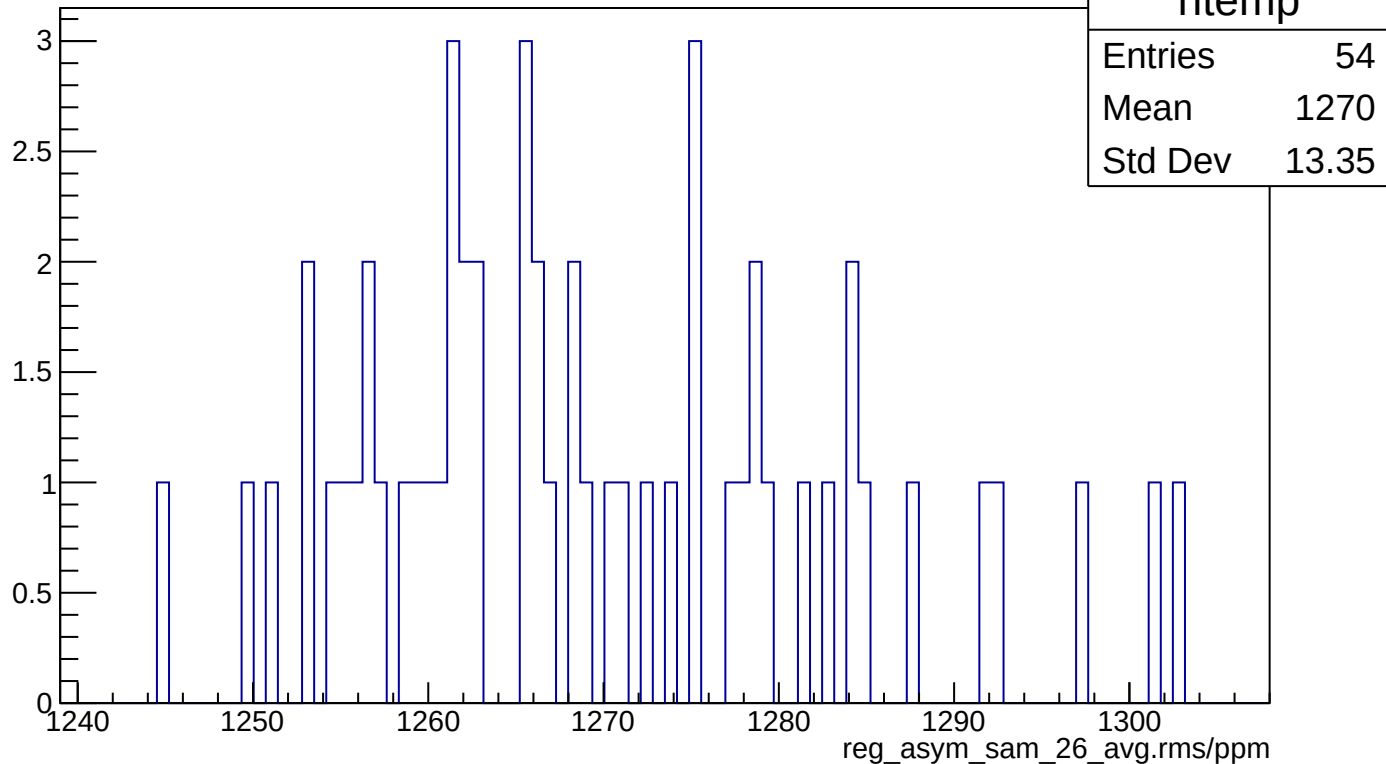
χ^2 / ndf
p0

57.3 / 53

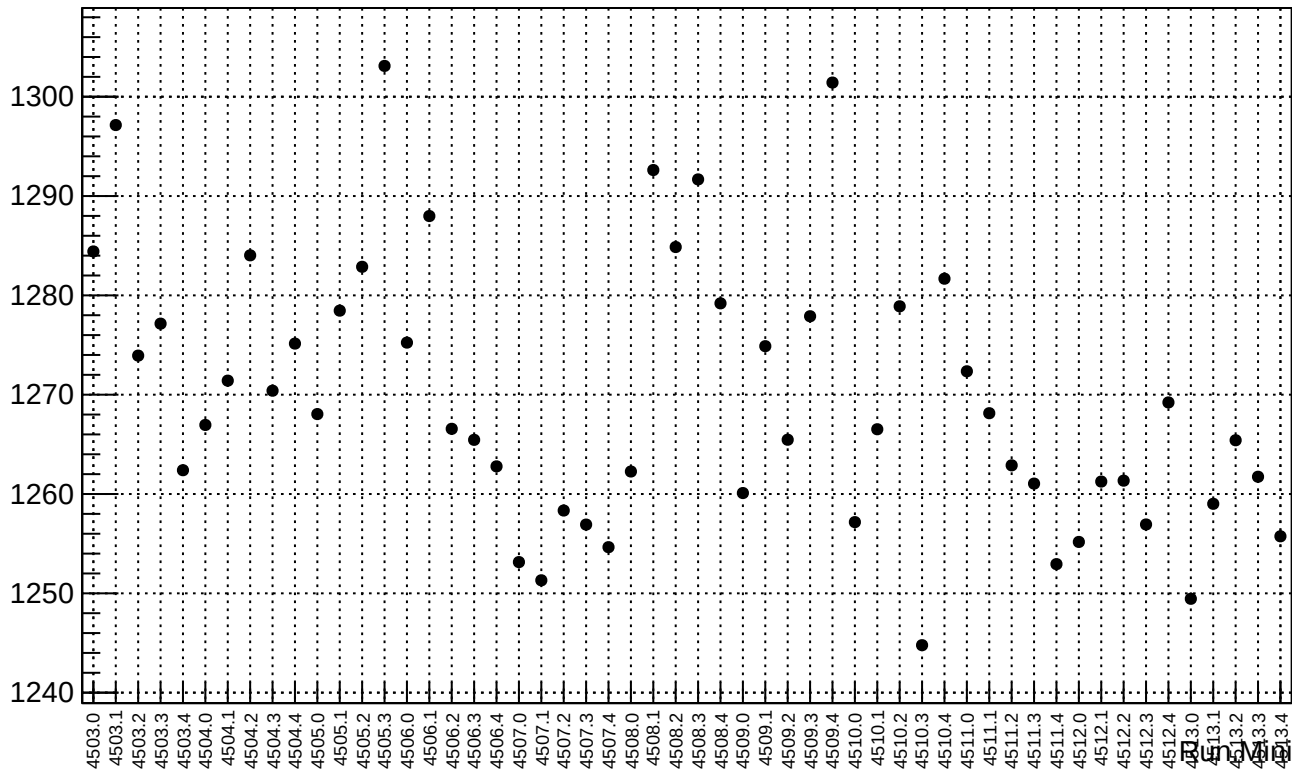
1364 ± 1756



reg_asym_sam_26_avg.rms/ppm



reg_asym_sam_26_avg.rms/ppm

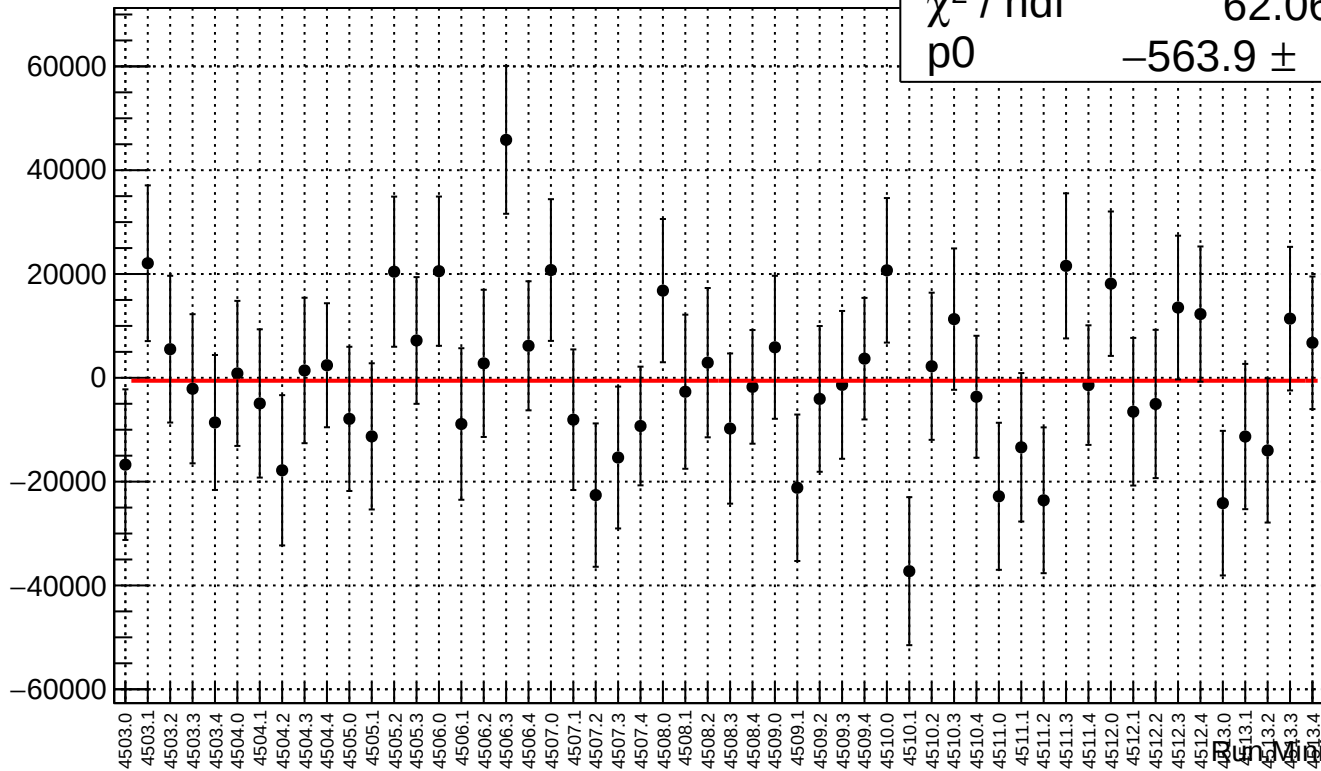


reg_asym_sam_26_dd.mean/ppb

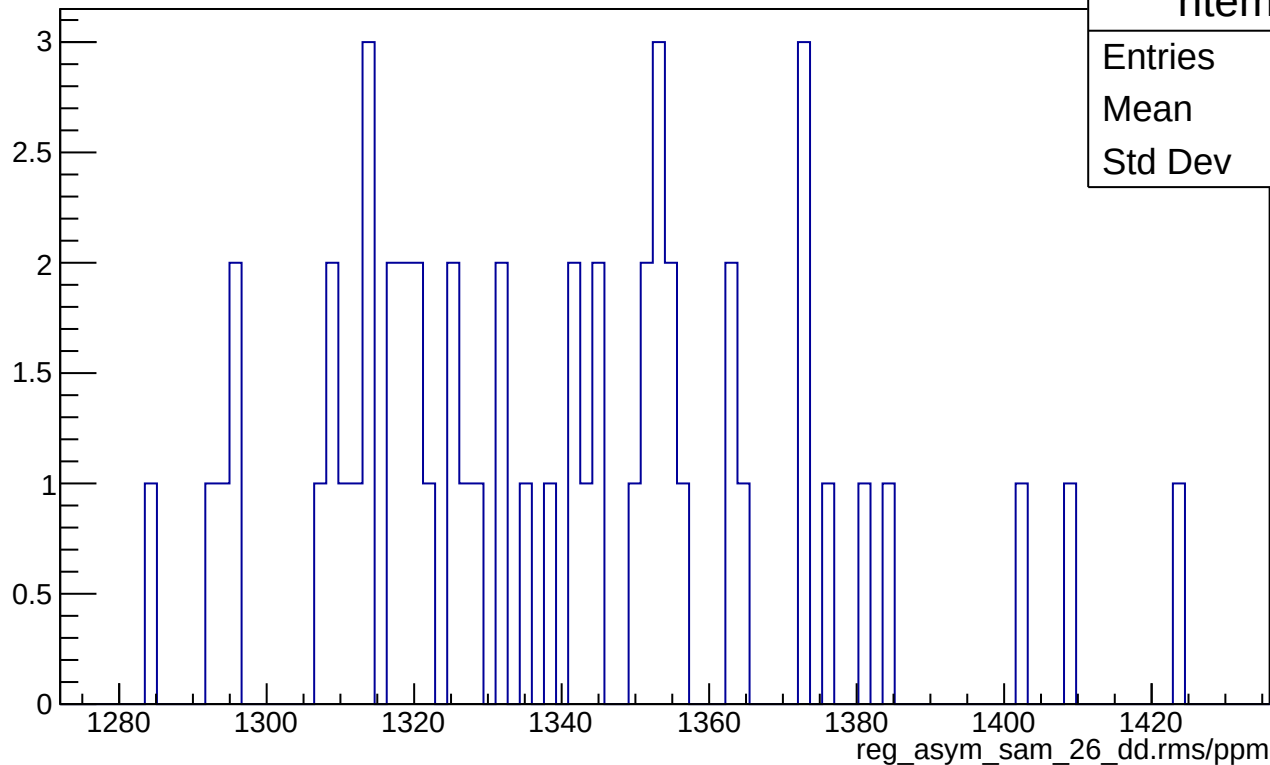
χ^2 / ndf
p0

62.06 / 53

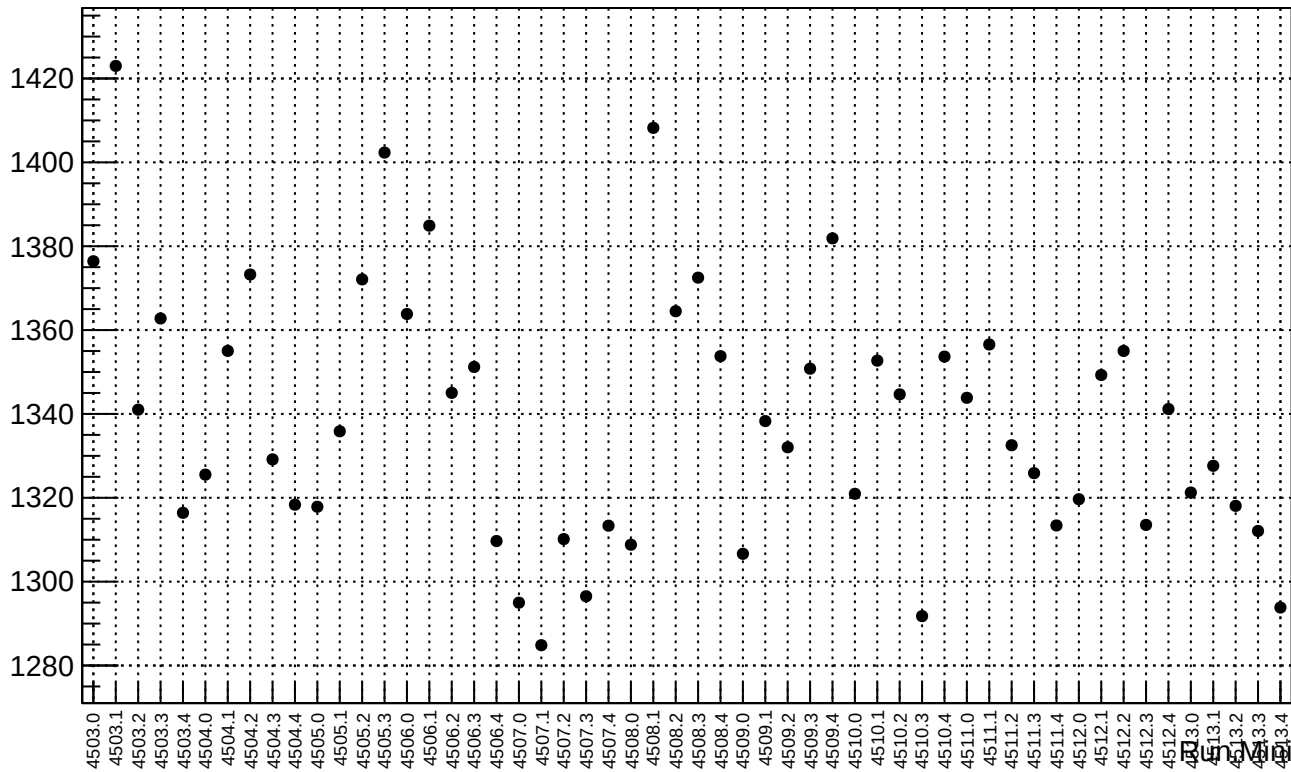
-563.9 ± 1850



reg_asym_sam_26_dd.rms/ppm



reg_asym_sam_26_dd.rms/ppm



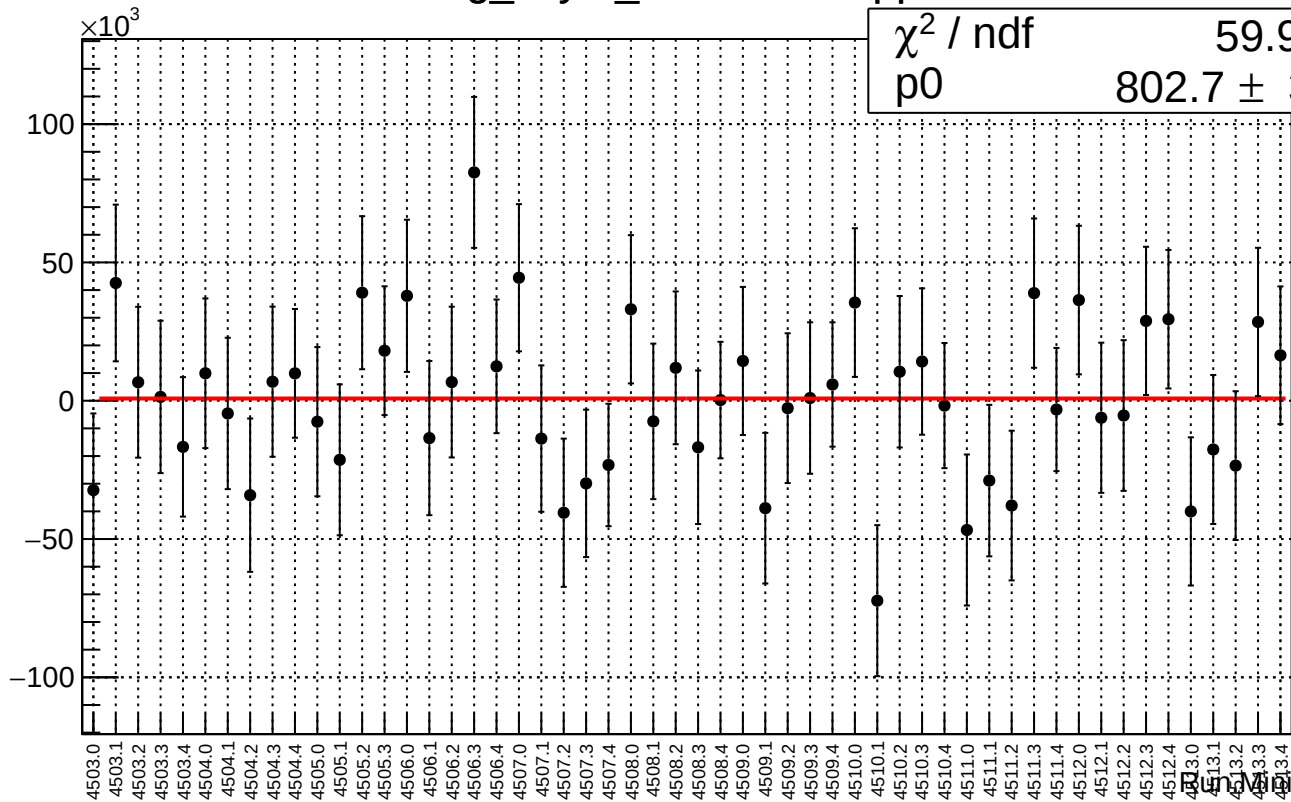
reg_asym_sam2.mean/ppb

χ^2 / ndf

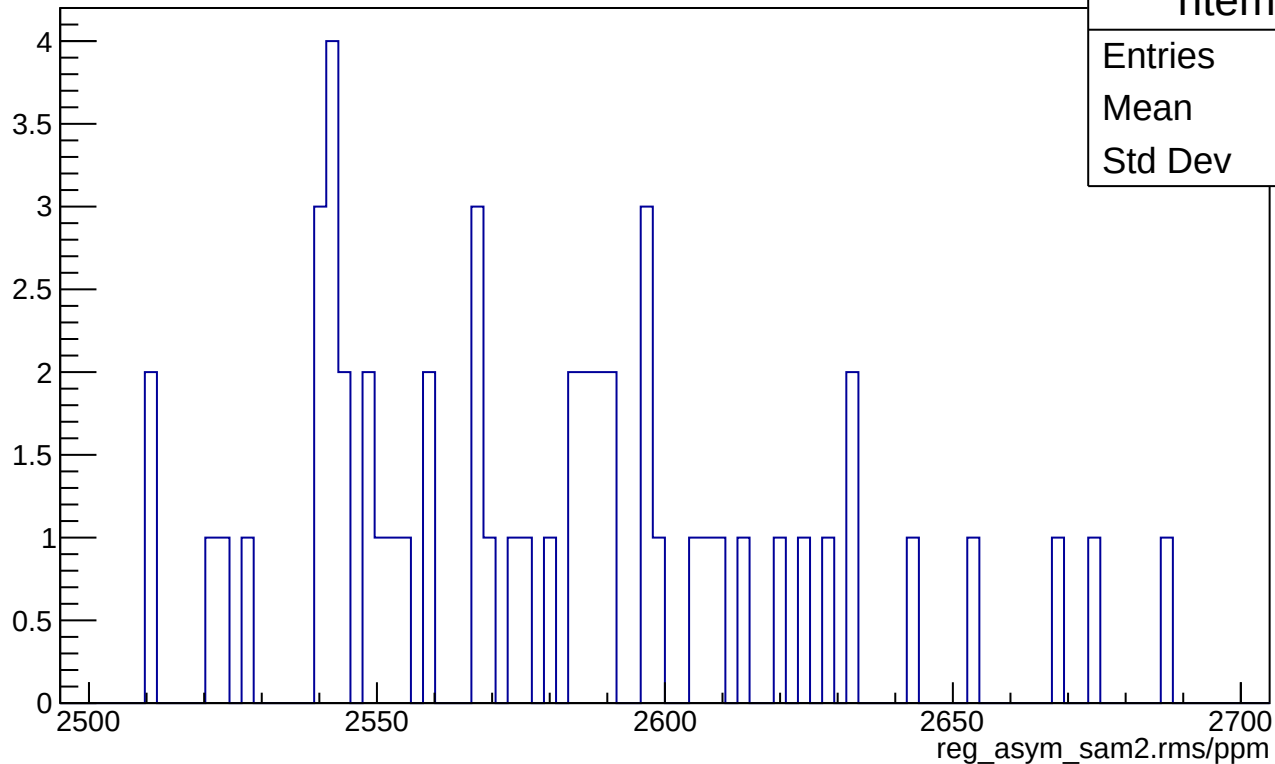
59.9 / 53

p0

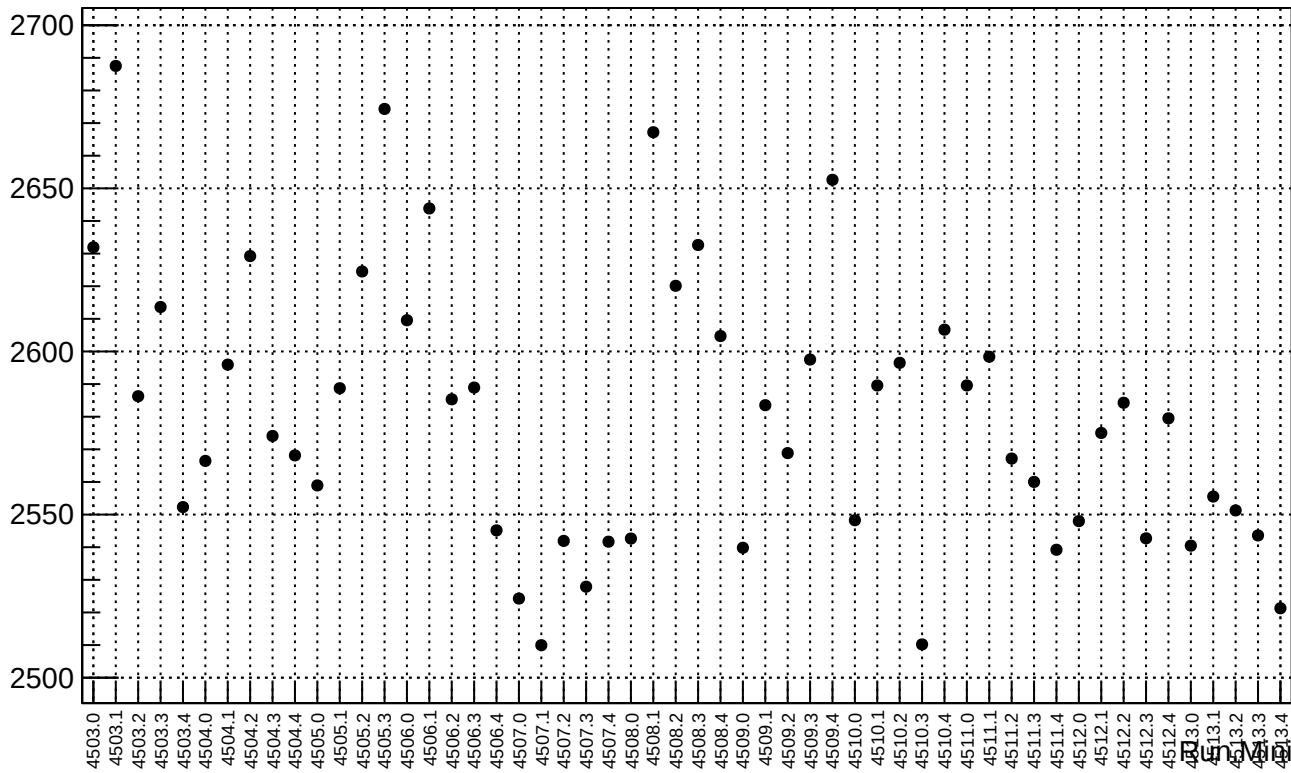
802.7 ± 3567



reg_asym_sam2.rms/ppm



reg_asym_sam2.rms/ppm

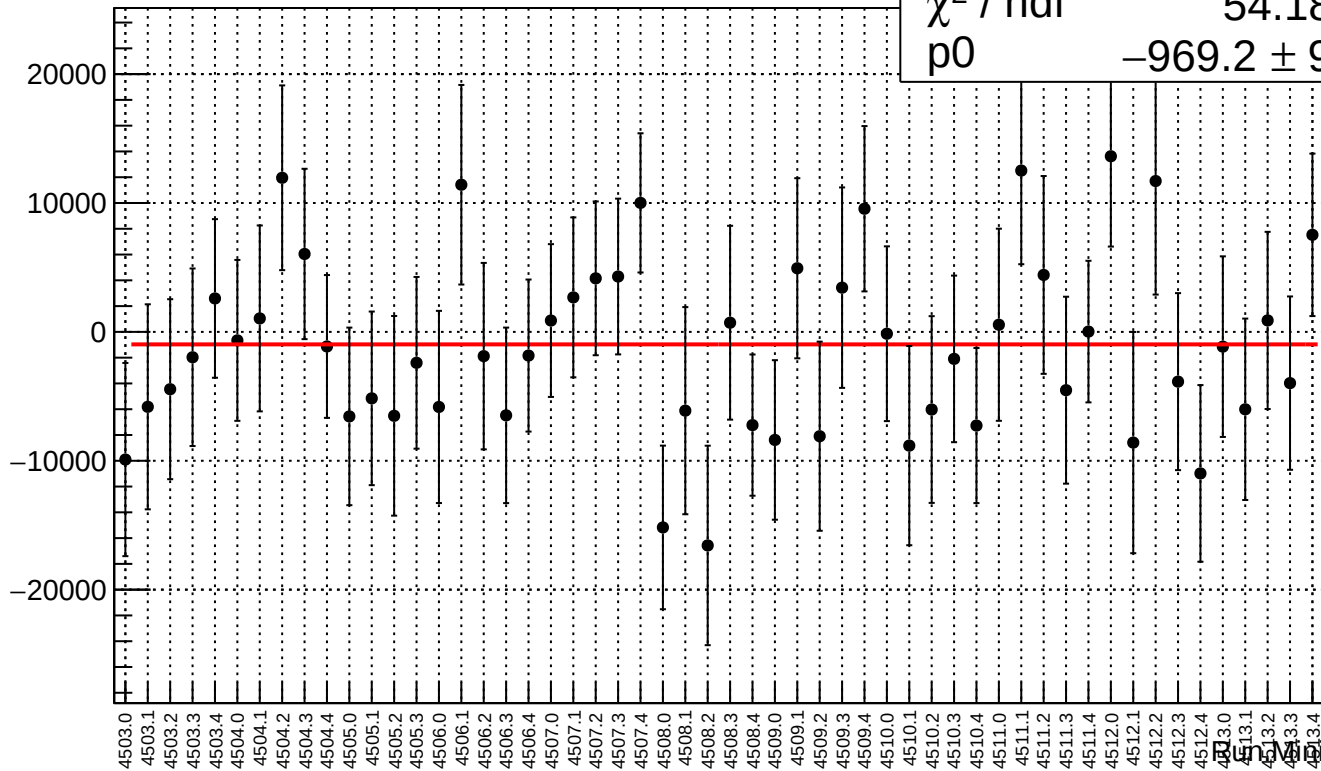


reg_asym_sam_37_avg.mean/ppb

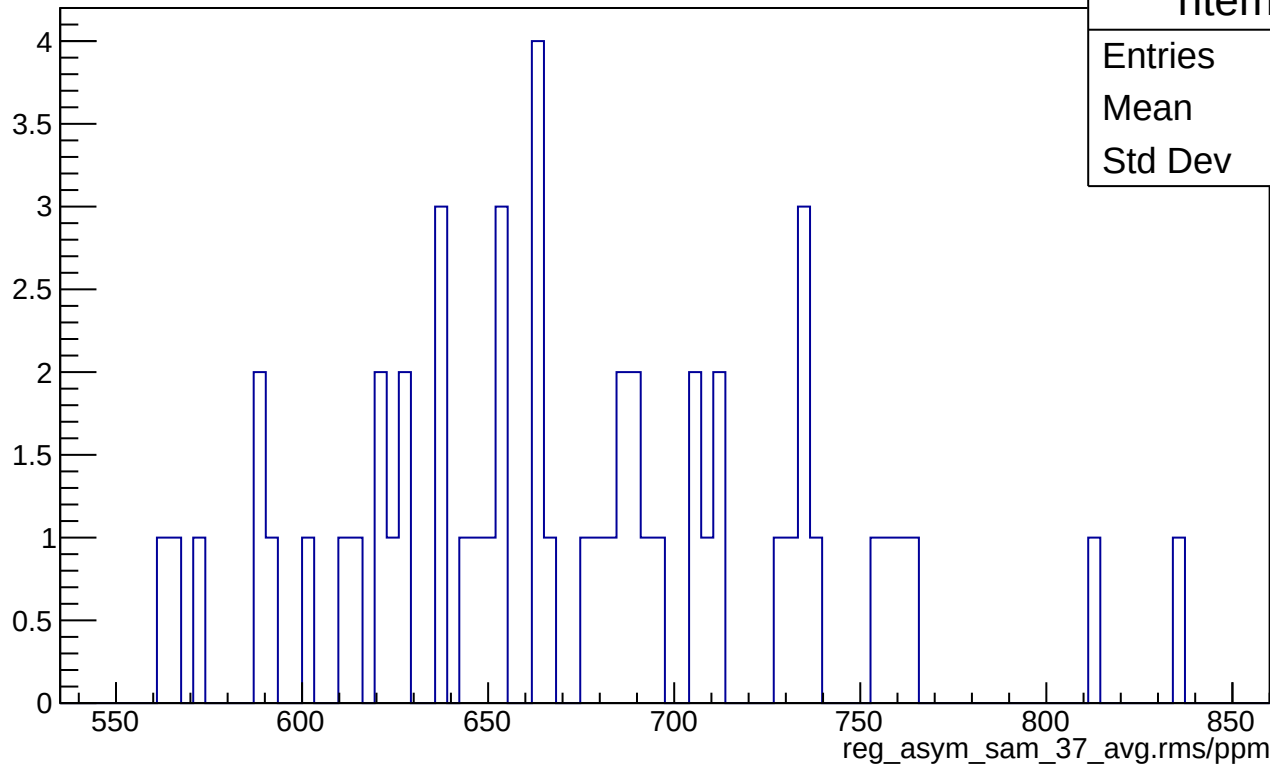
χ^2 / ndf
p0

54.18 / 53

-969.2 ± 920.7



reg_asym_sam_37_avg.rms/ppm



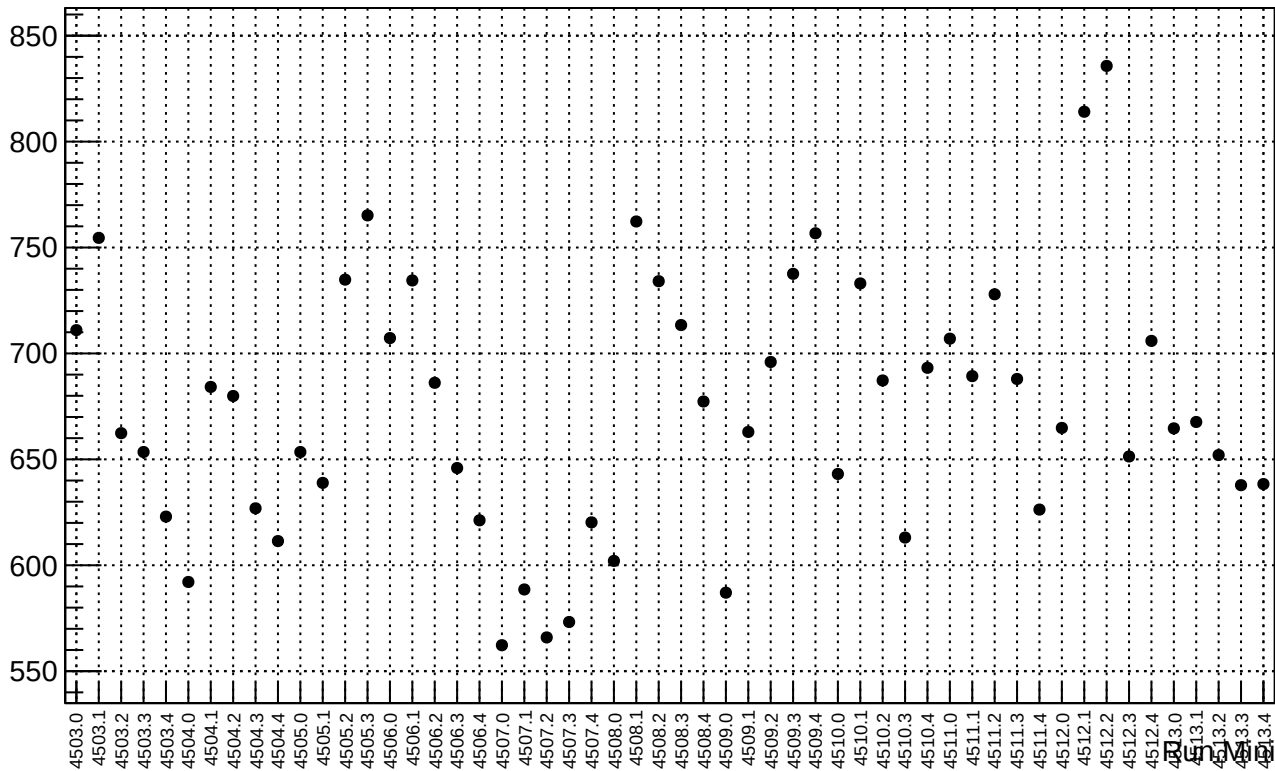
htemp

Entries 54

Mean 673.5

Std Dev 59.91

reg_asym_sam_37_avg.rms/ppm



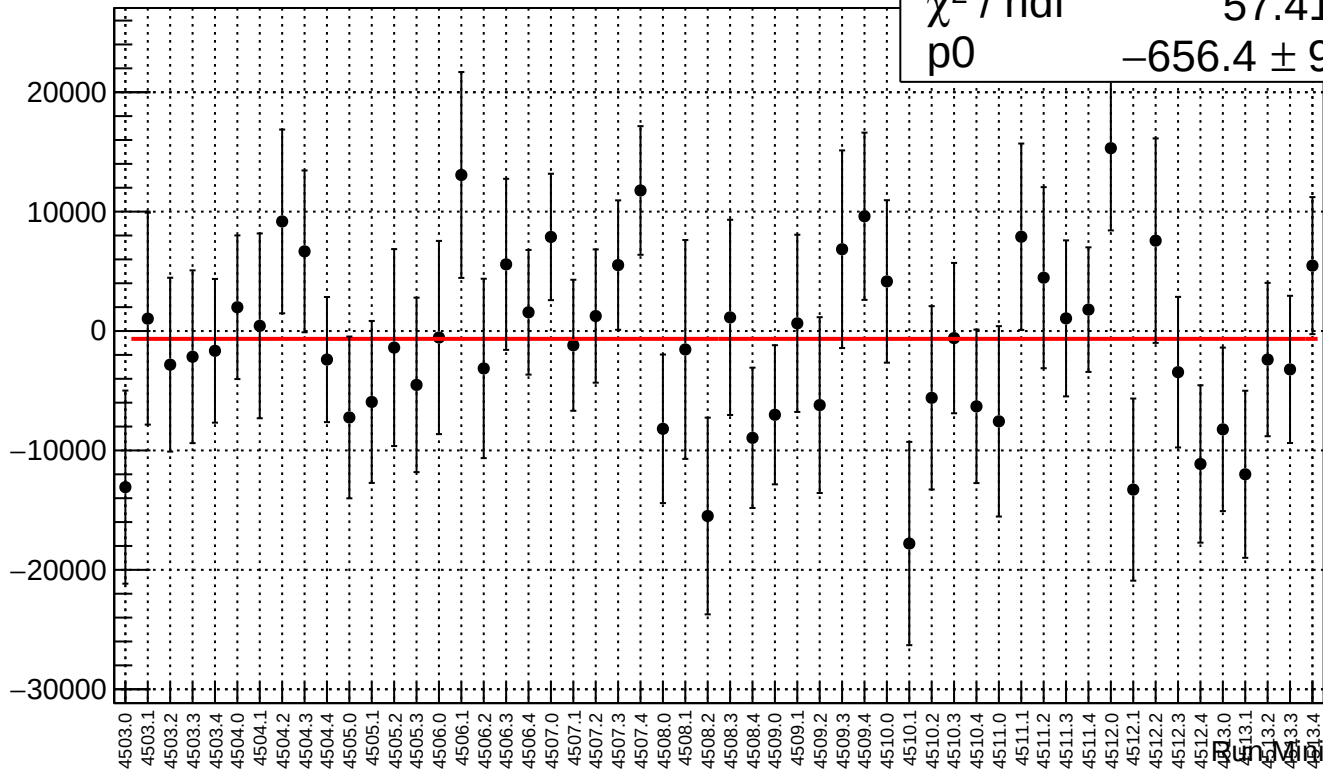
reg_asym_sam_37_dd.mean/ppb

χ^2 / ndf

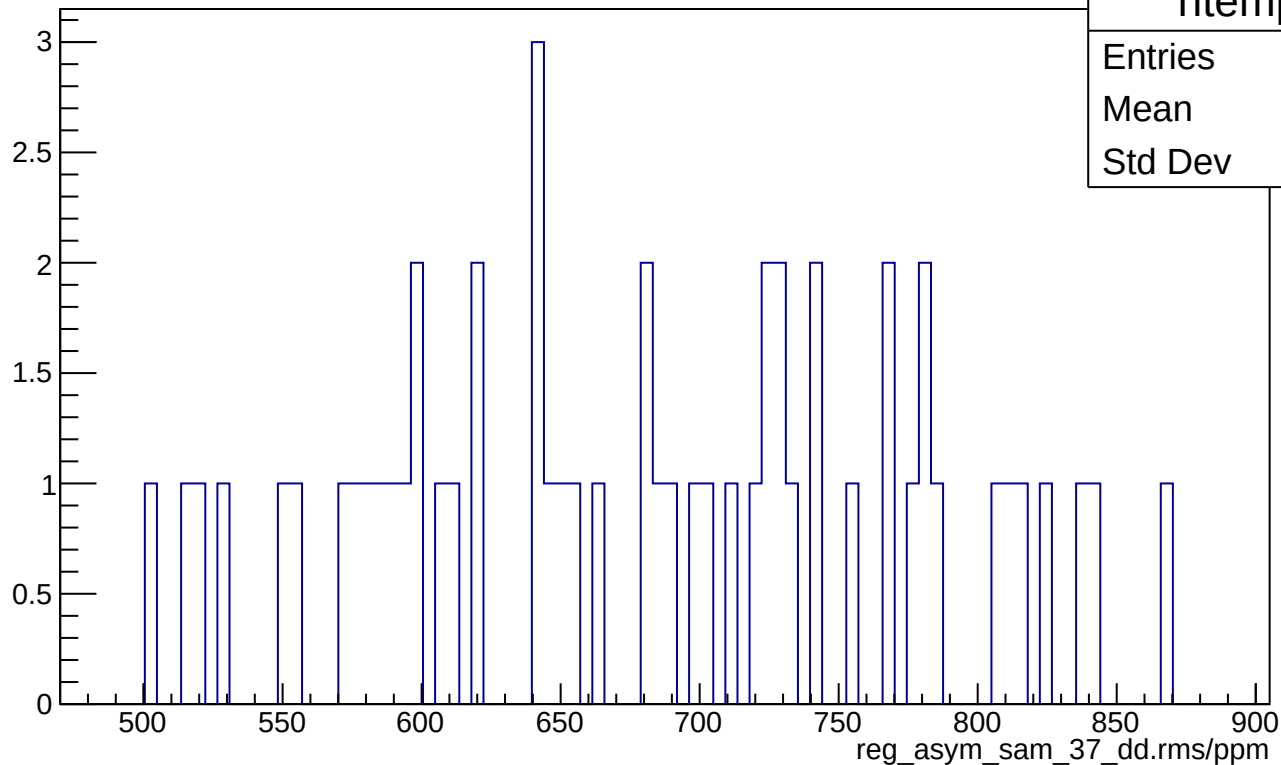
57.41 / 53

p0

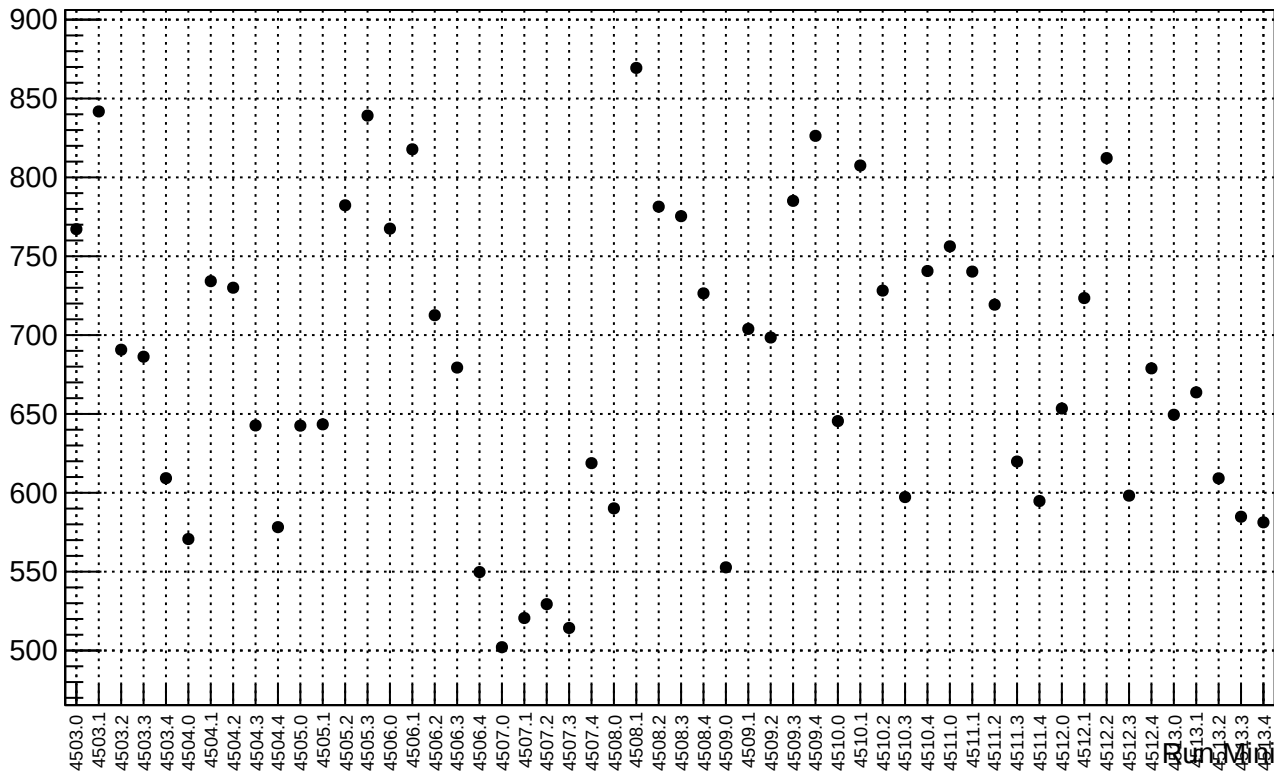
-656.4 ± 915.2



reg_asym_sam_37_dd.rms/ppm



reg_asym_sam_37_dd.rms/ppm

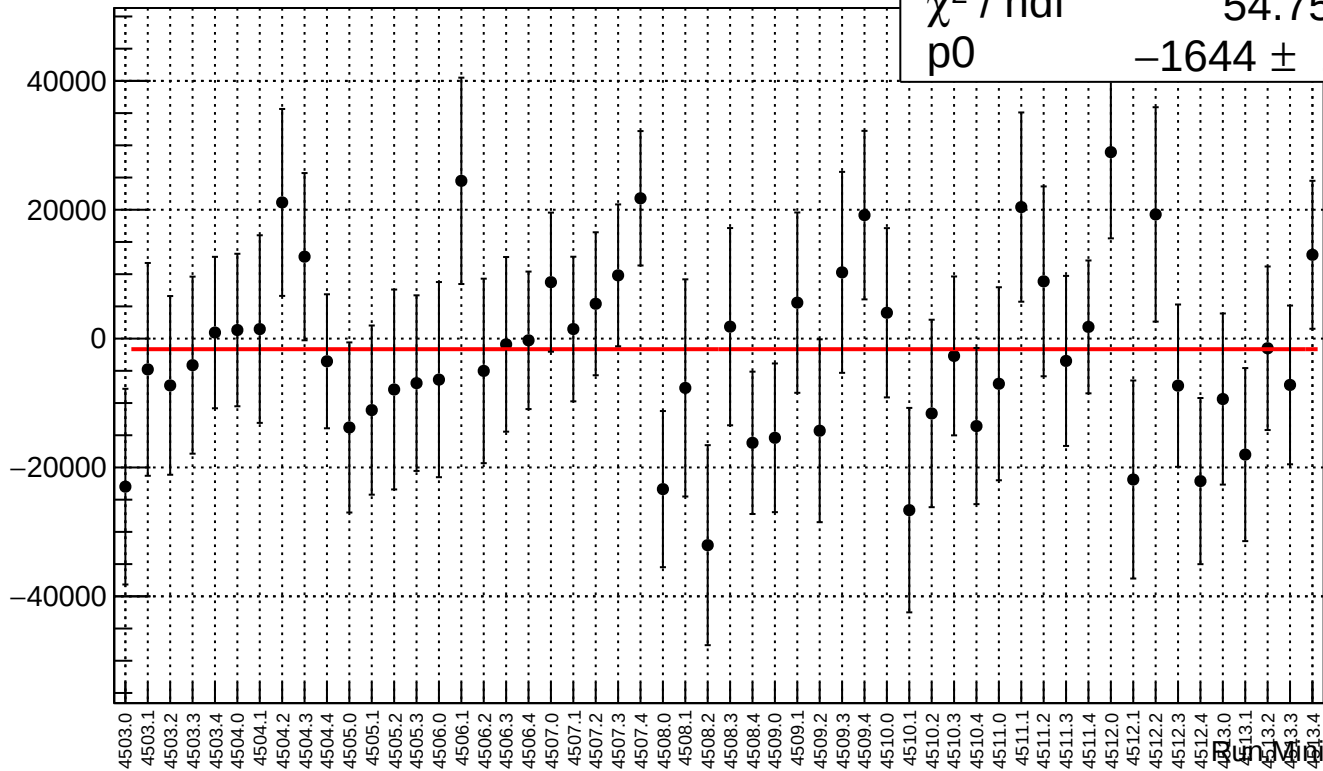


reg_asym_sam3.mean/ppb

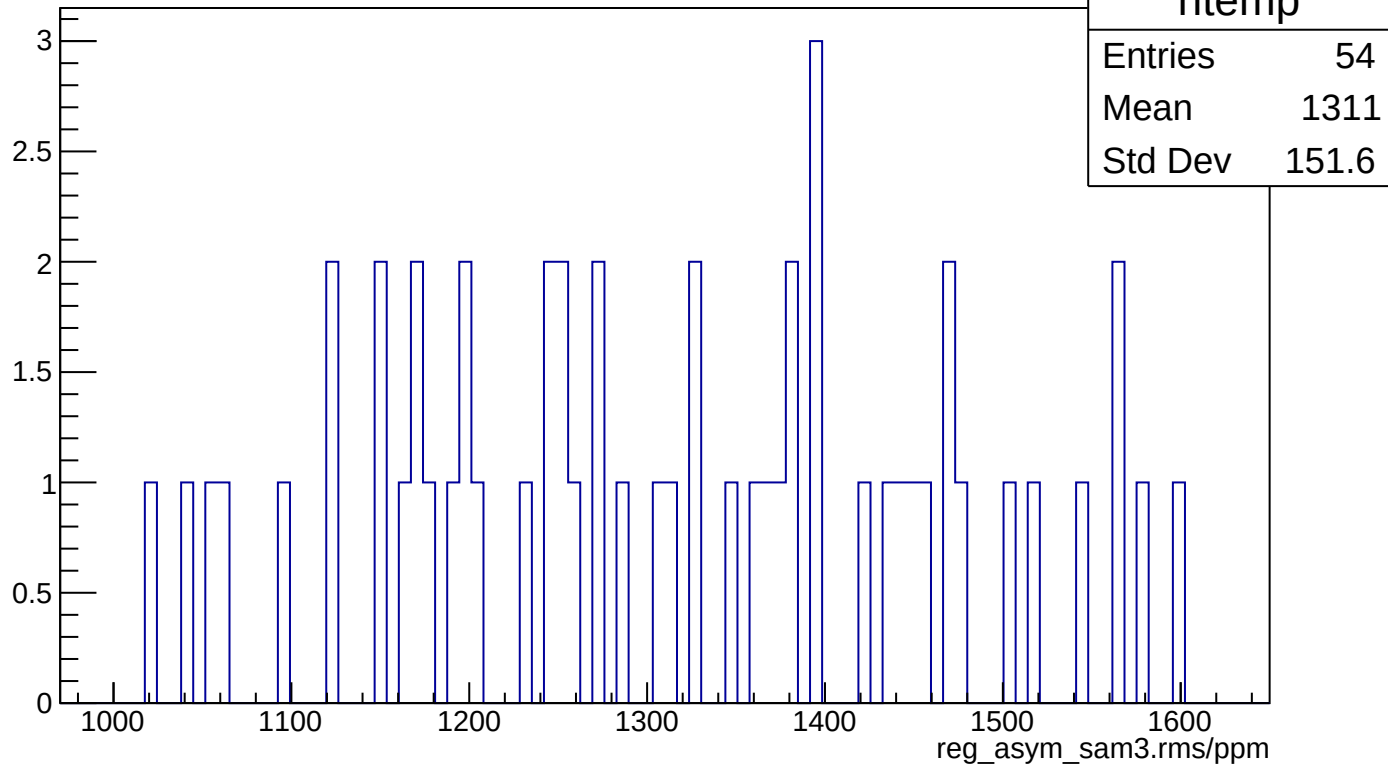
χ^2 / ndf
p0

54.75 / 53

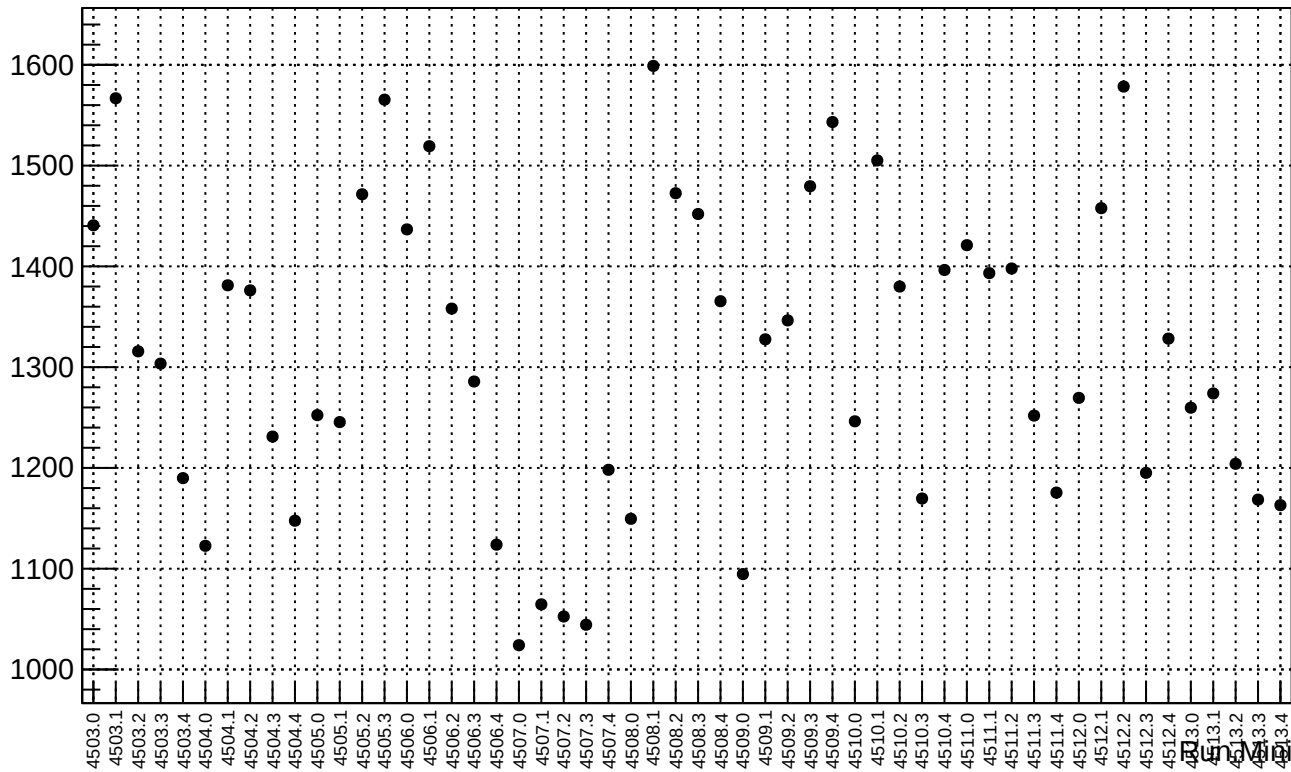
-1644 ± 1777



reg_asym_sam3.rms/ppm



reg_asym_sam3.rms/ppm

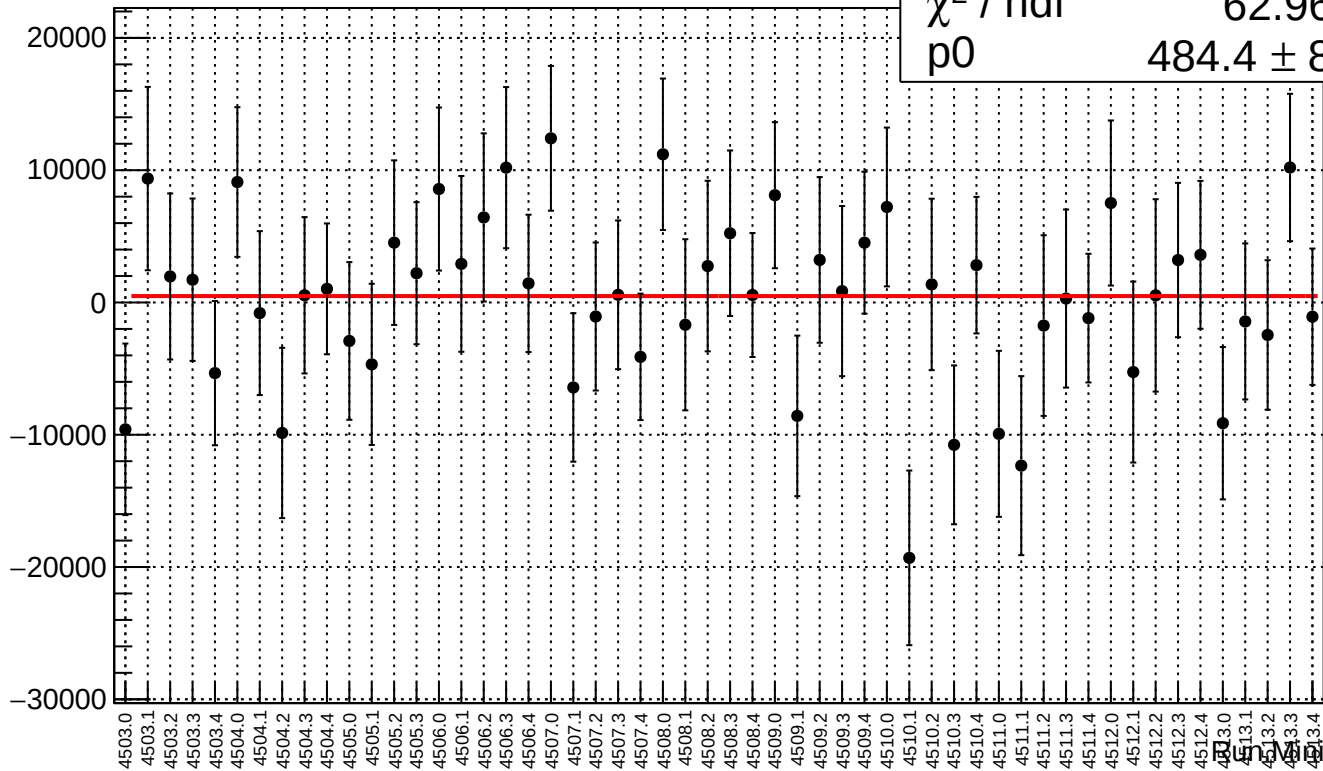


reg_asym_sam_48_avg.mean/ppb

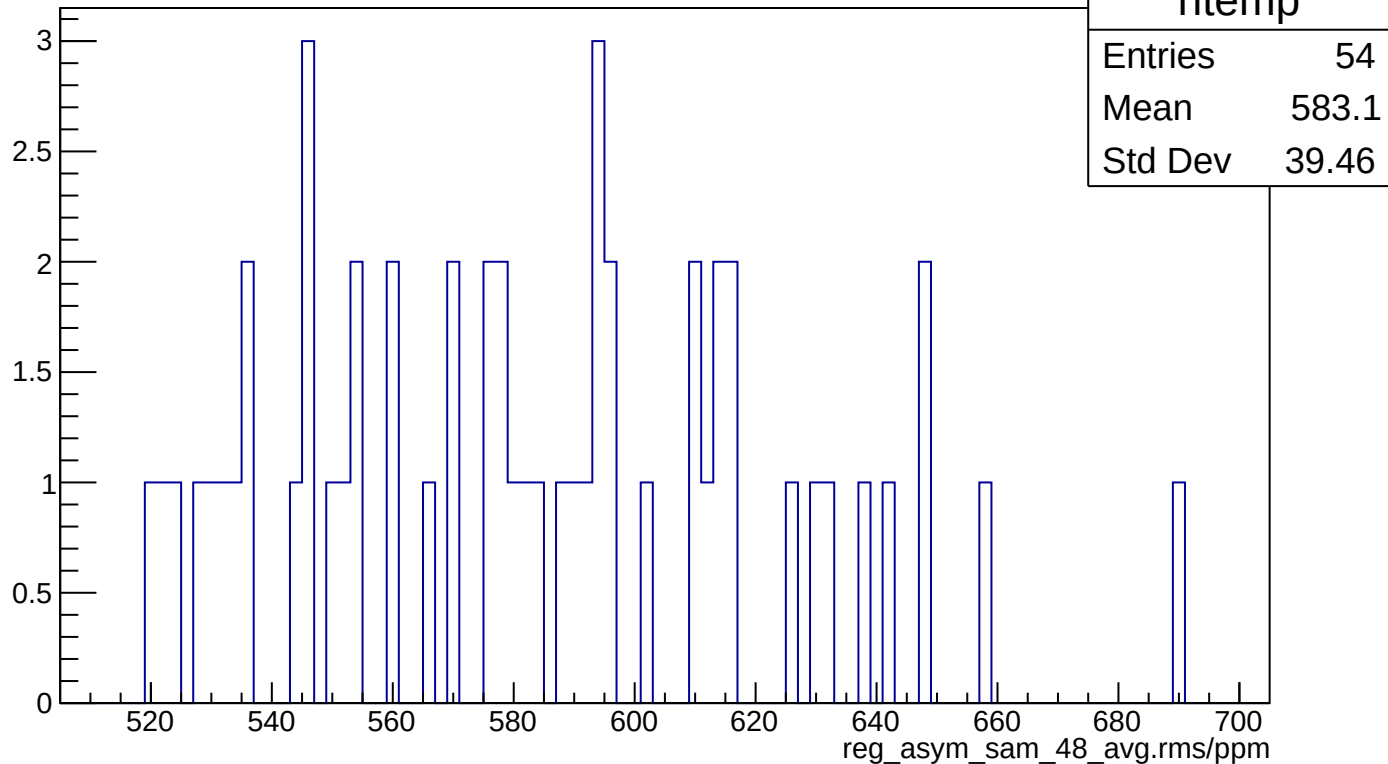
χ^2 / ndf
p0

62.96 / 53

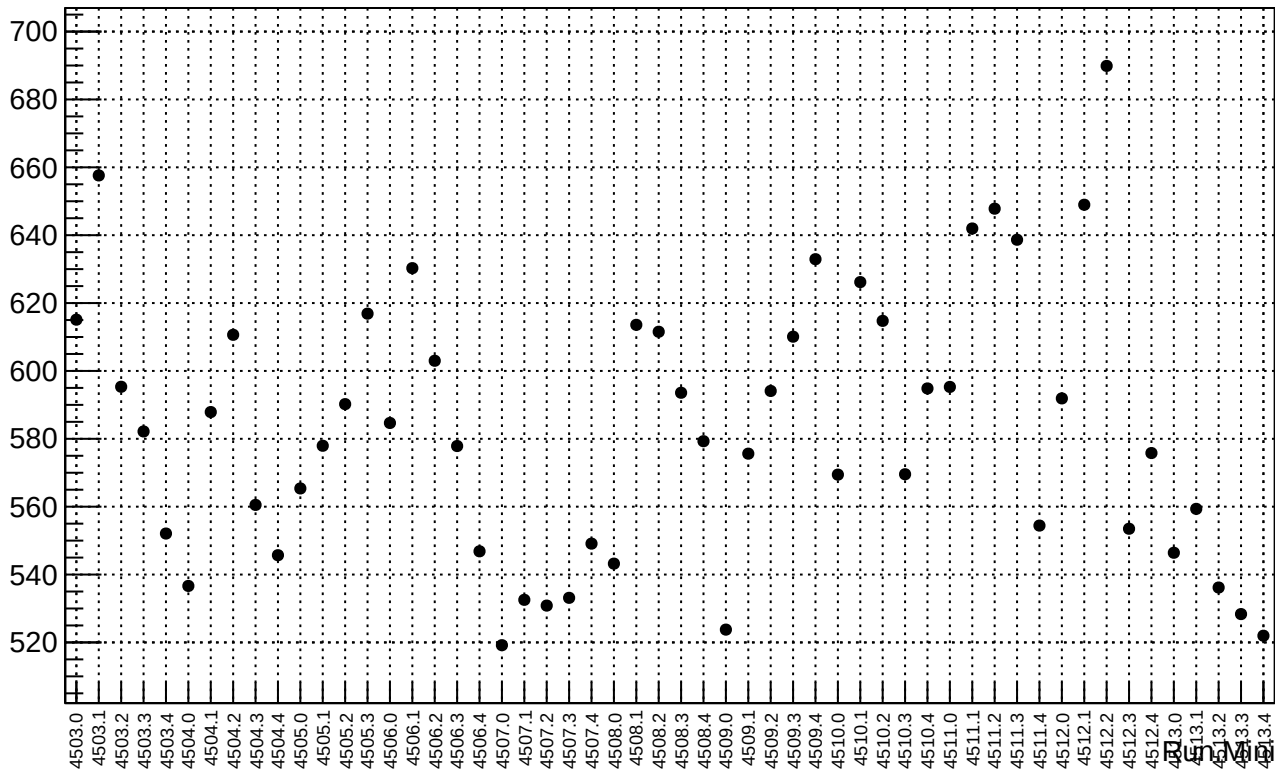
484.4 ± 800.4



reg_asym_sam_48_avg.rms/ppm



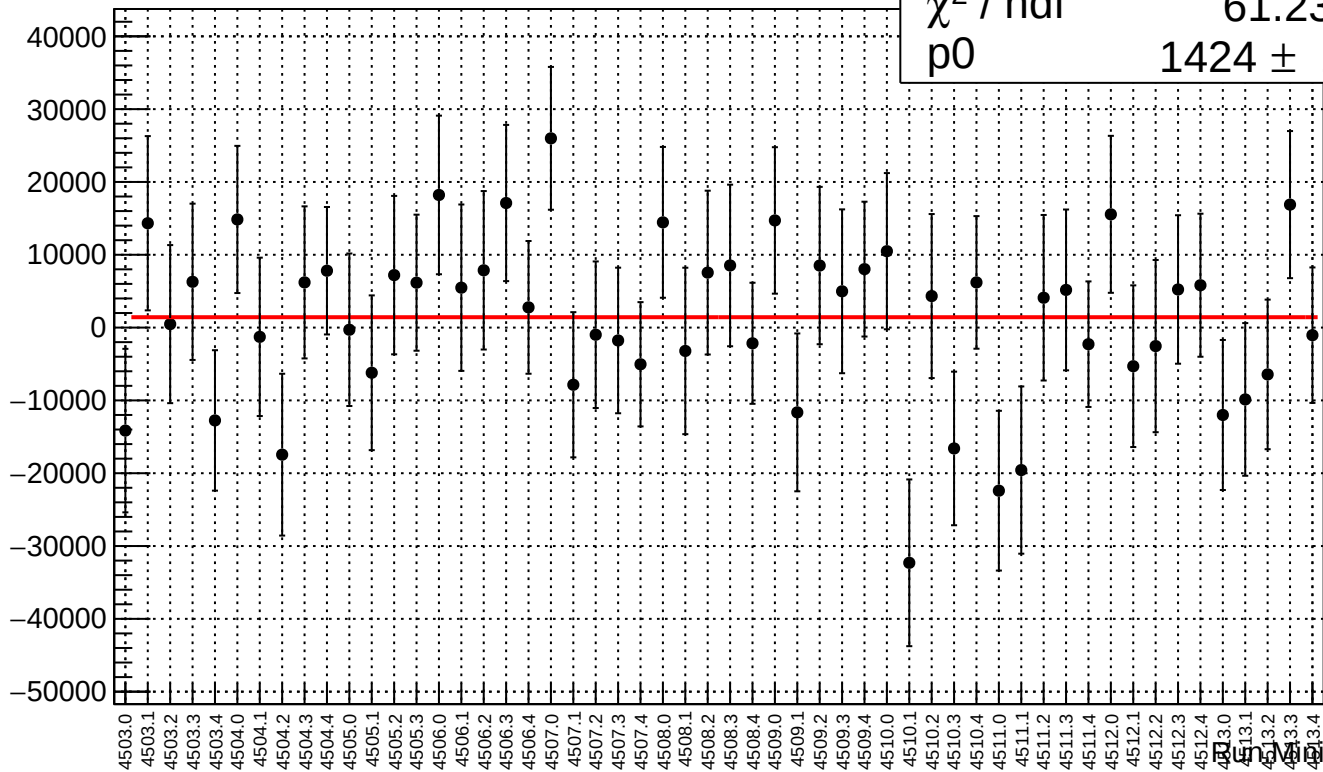
reg_asym_sam_48_avg.rms/ppm



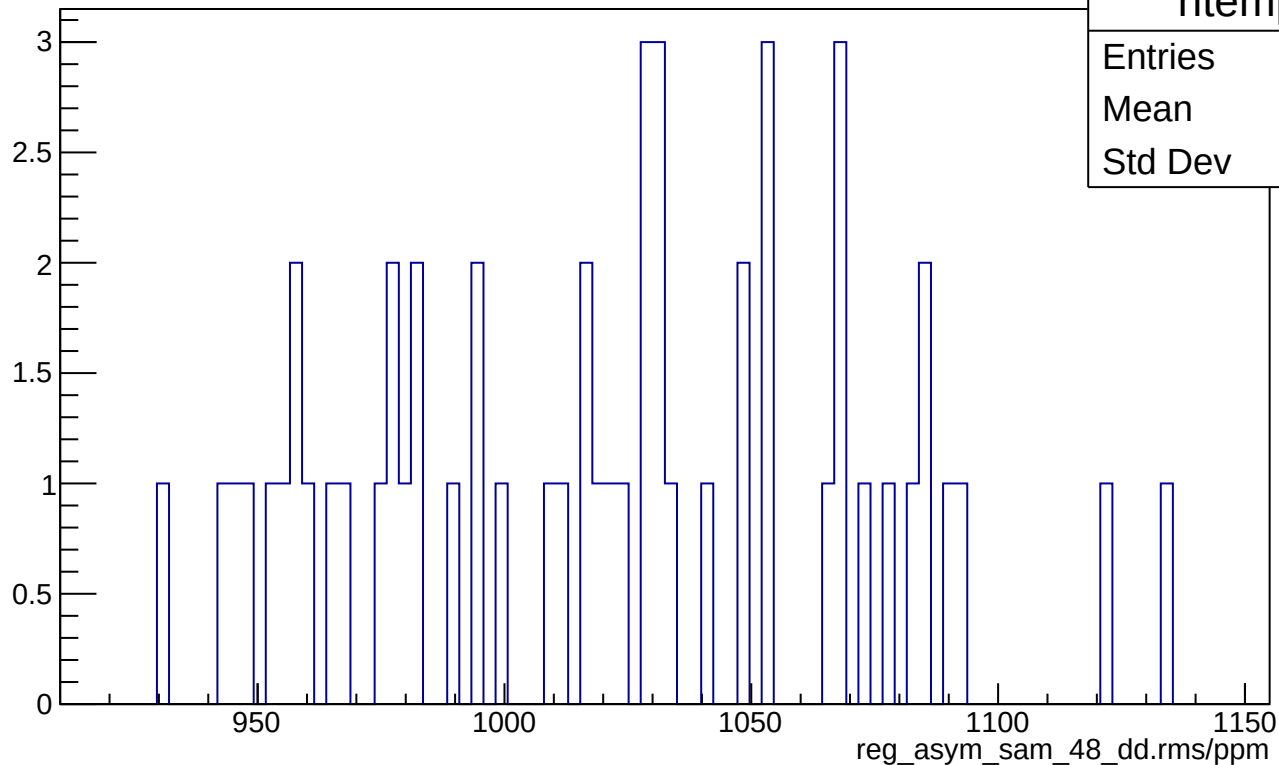
reg_asym_sam_48_dd.mean/ppb

χ^2 / ndf
p0

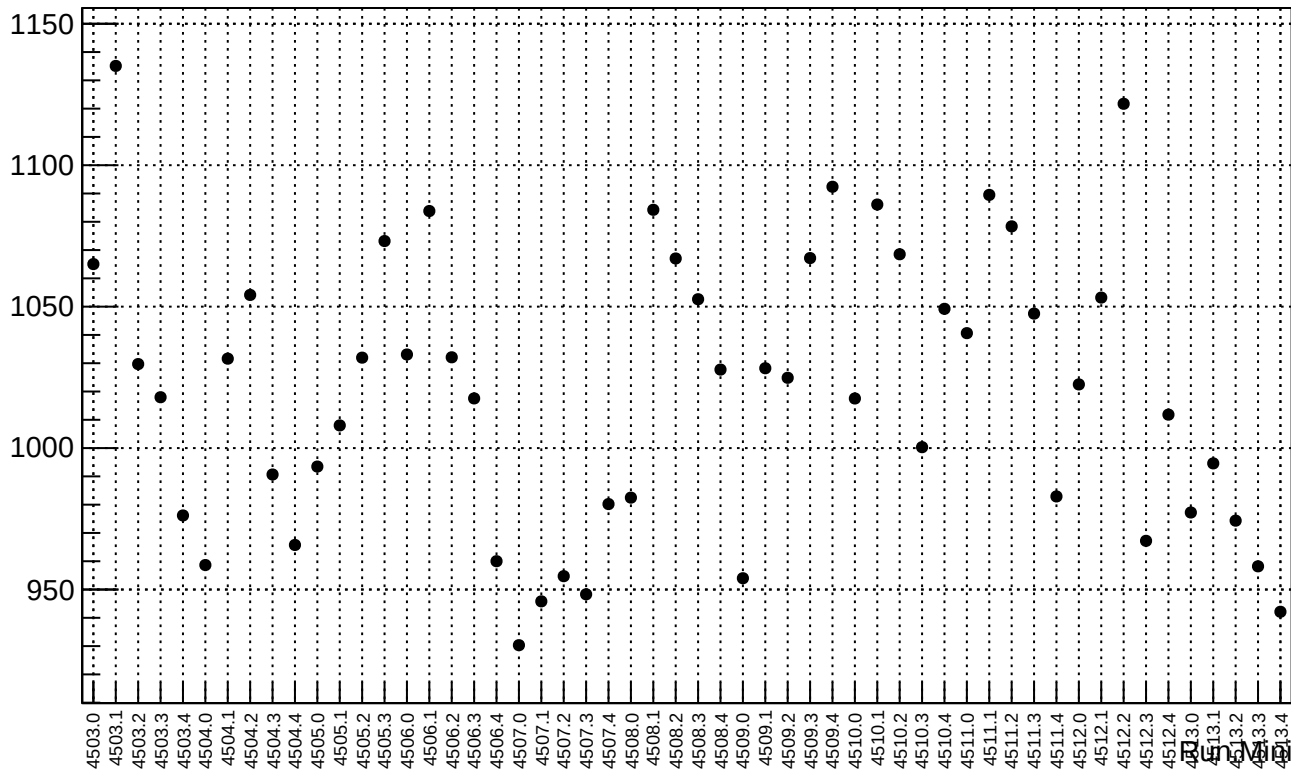
61.23 / 53
 1424 ± 1405



reg_asym_sam_48_dd.rms/ppm



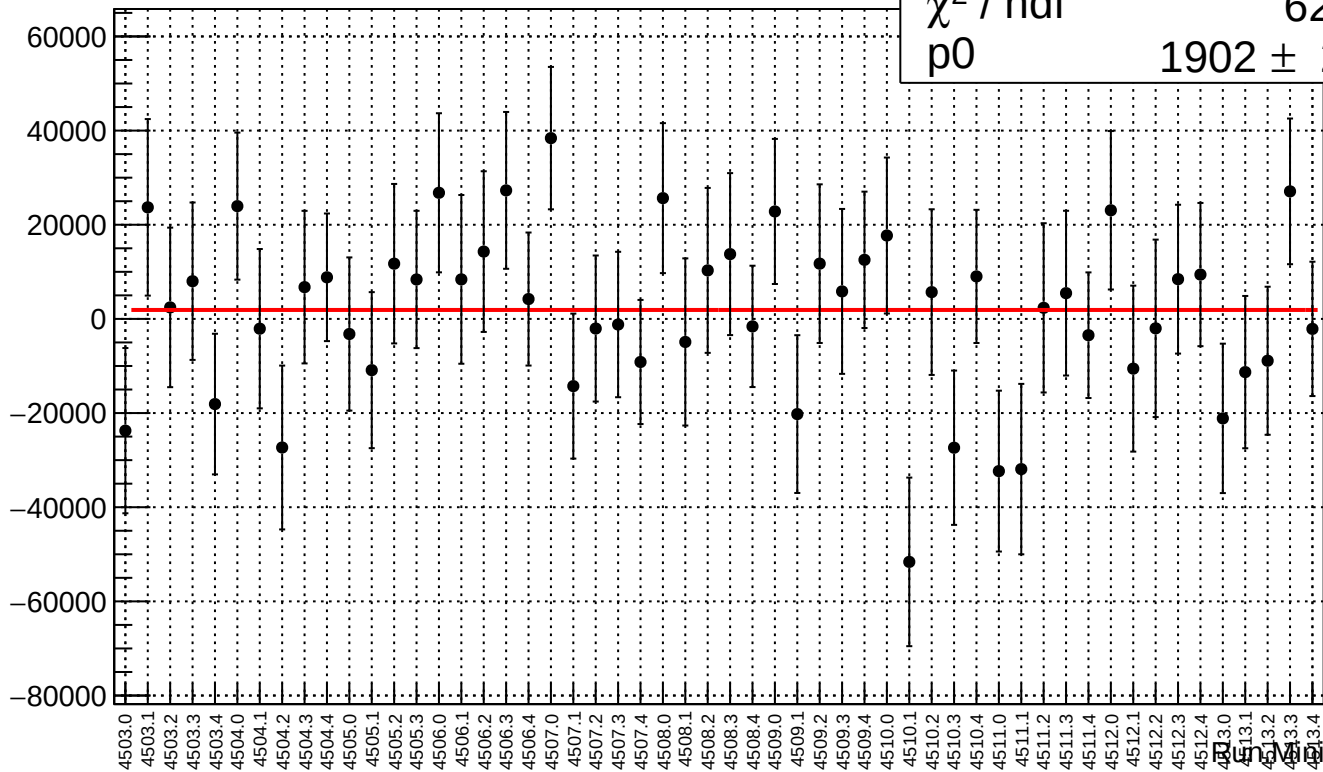
reg_asym_sam_48_dd.rms/ppm



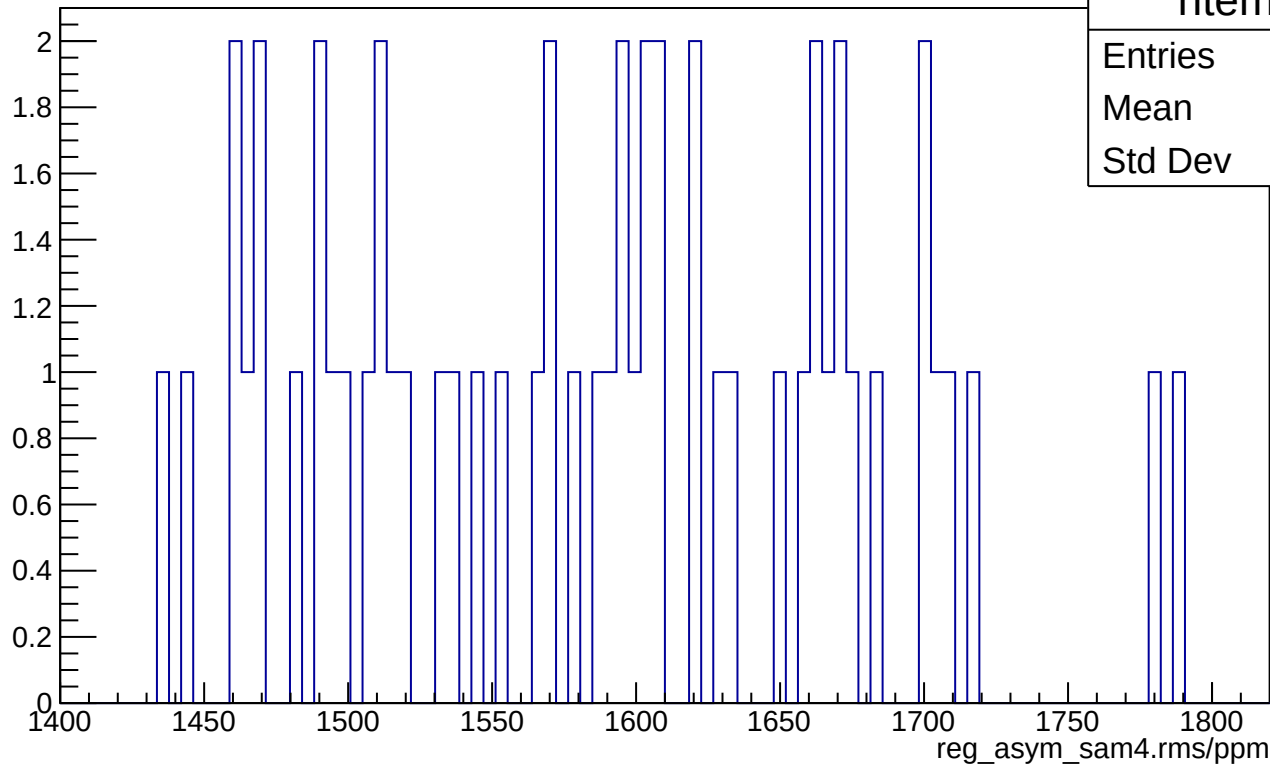
reg_asym_sam4.mean/ppb

χ^2 / ndf
p0

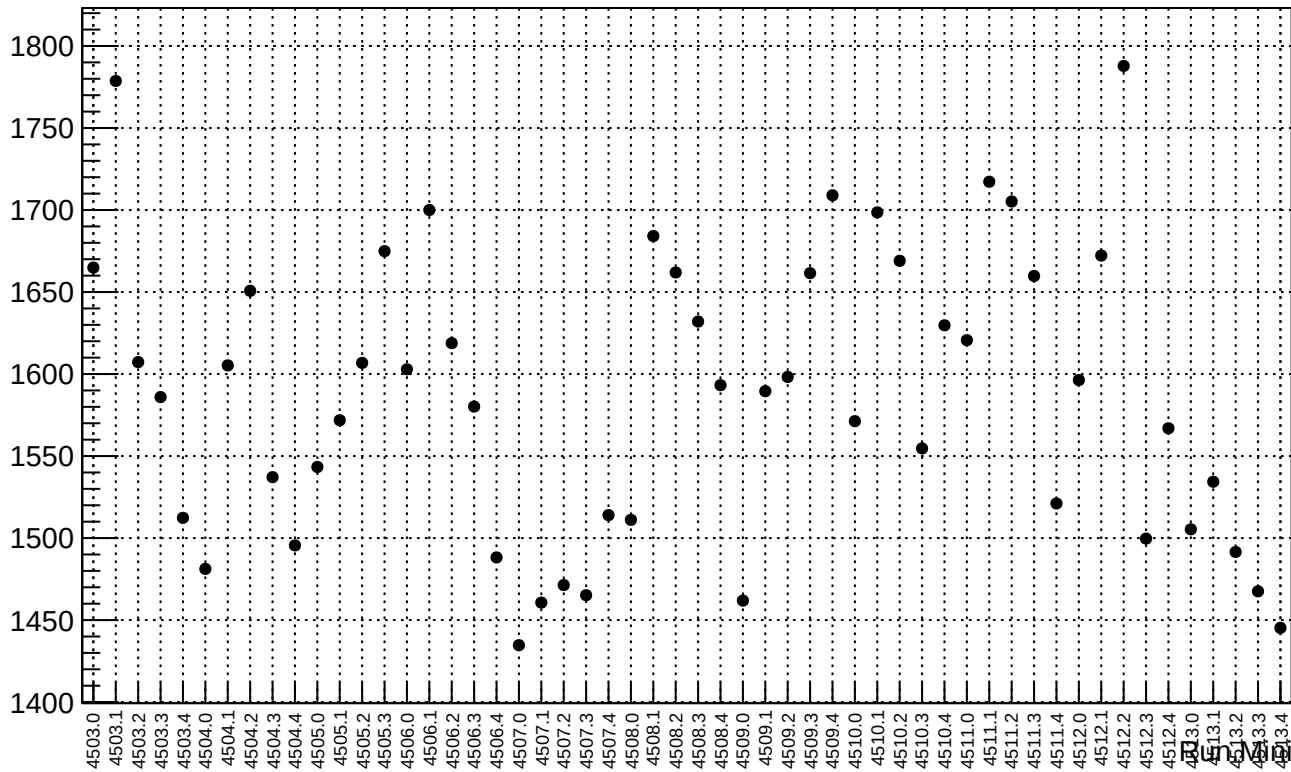
62 / 53
 1902 ± 2183



reg_asym_sam4.rms/ppm



reg_asym_sam4.rms/ppm



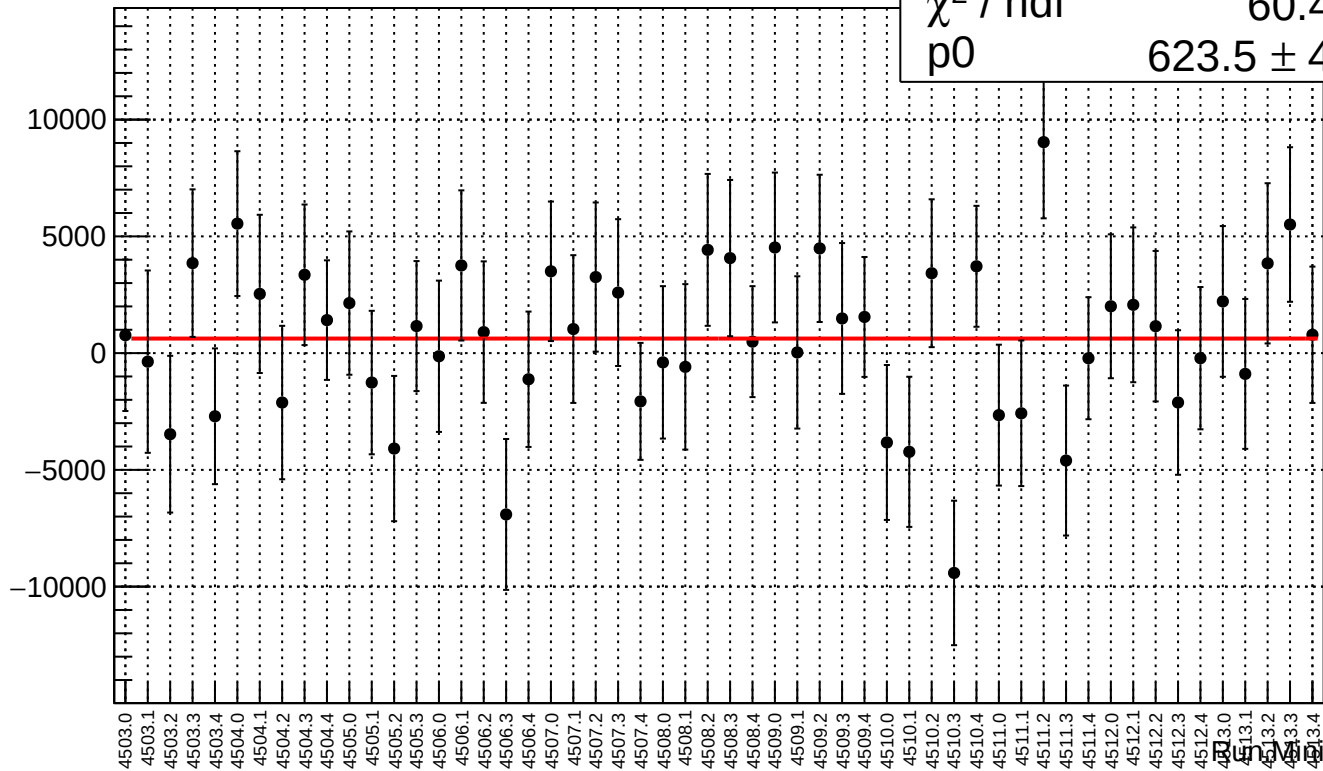
reg_asym_sam5.mean/ppb

χ^2 / ndf

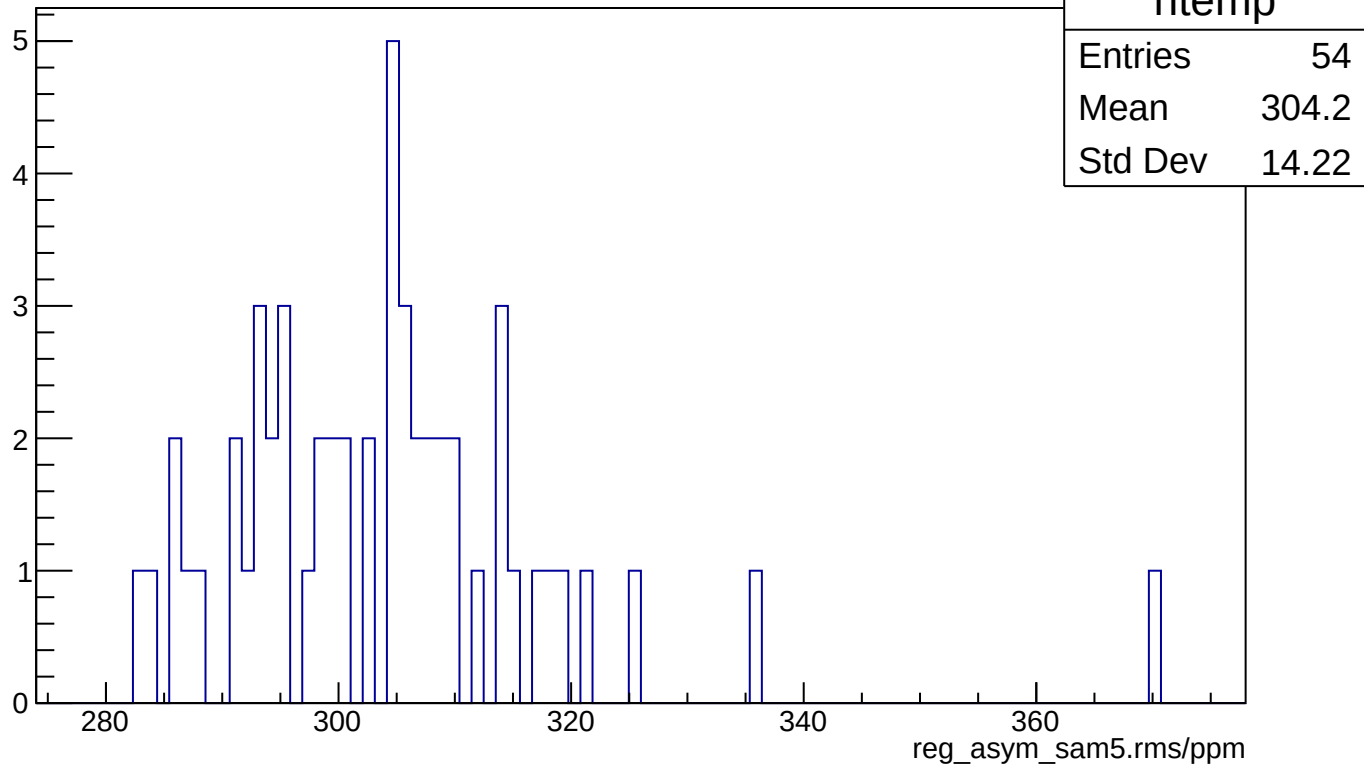
60.4 / 53

p0

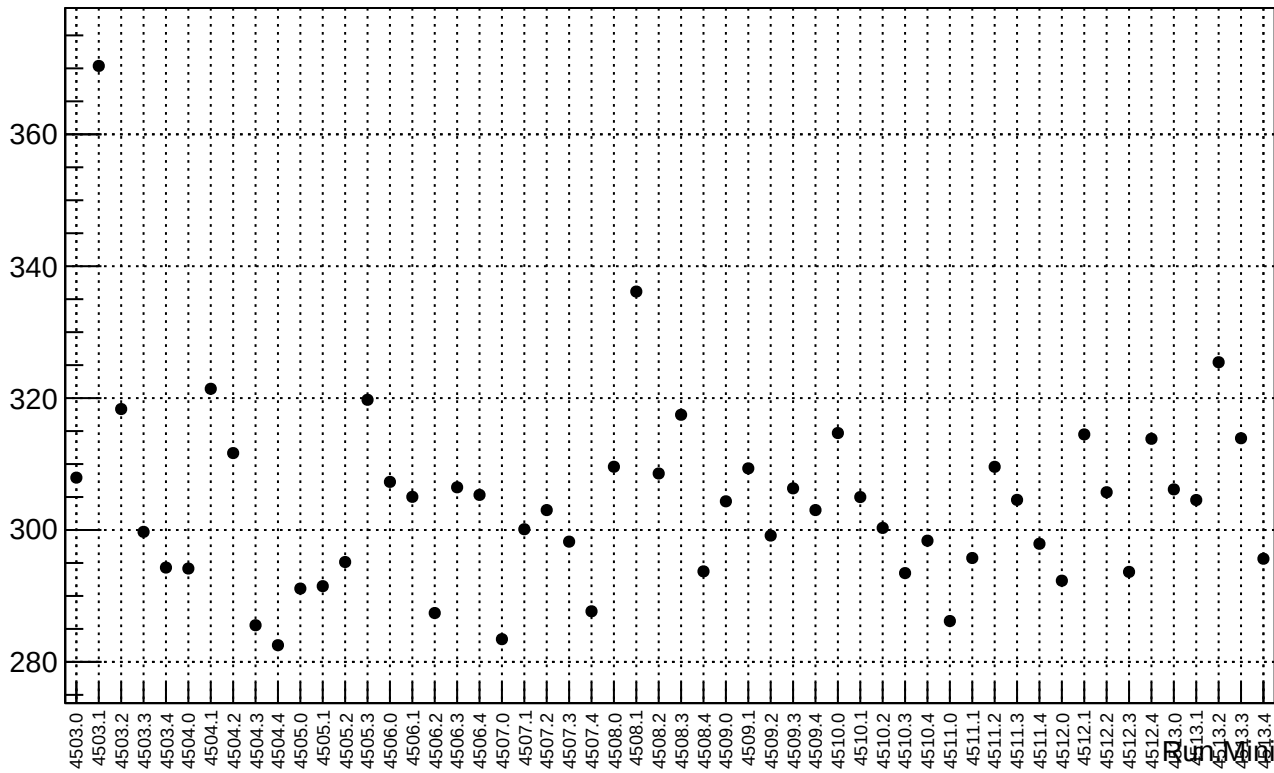
623.5 ± 418.8



reg_asym_sam5.rms/ppm



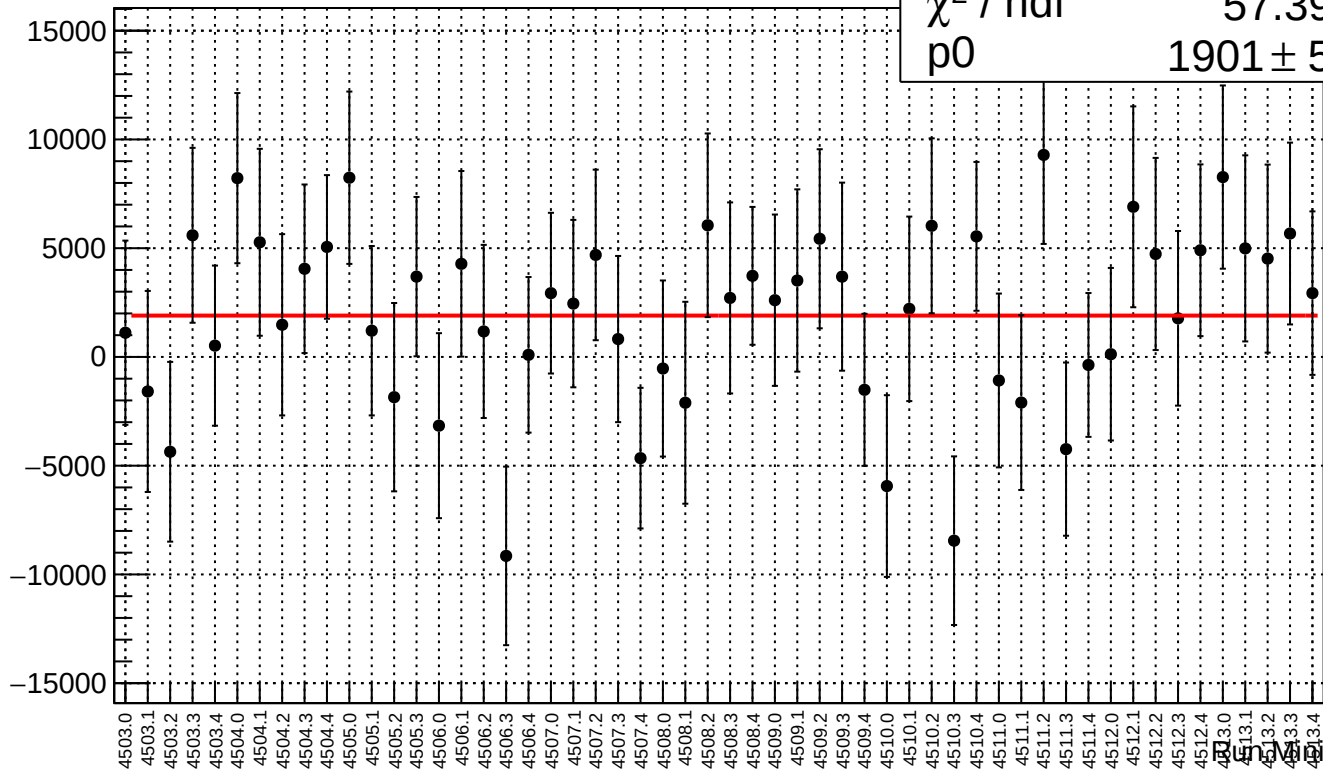
reg_asym_sam5.rms/ppm



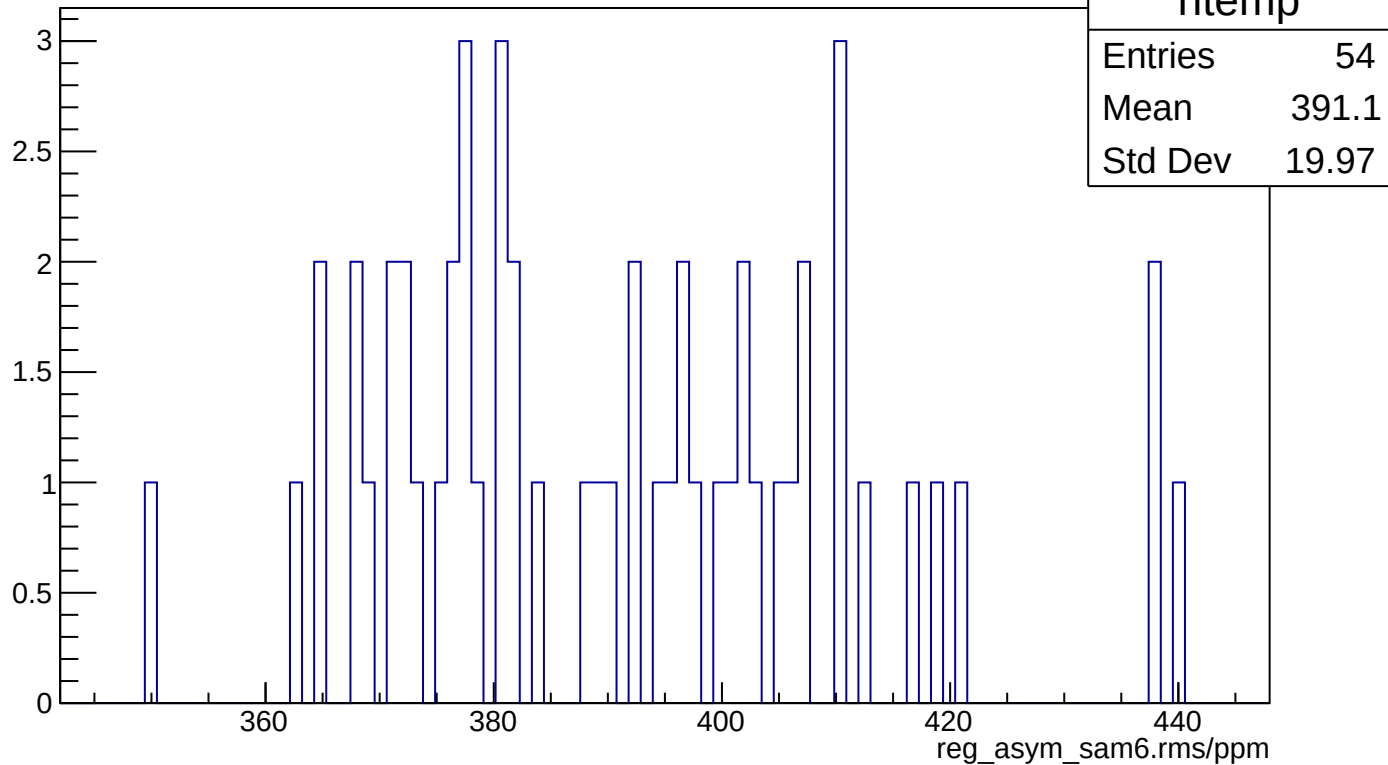
reg_asym_sam6.mean/ppb

χ^2 / ndf
p0

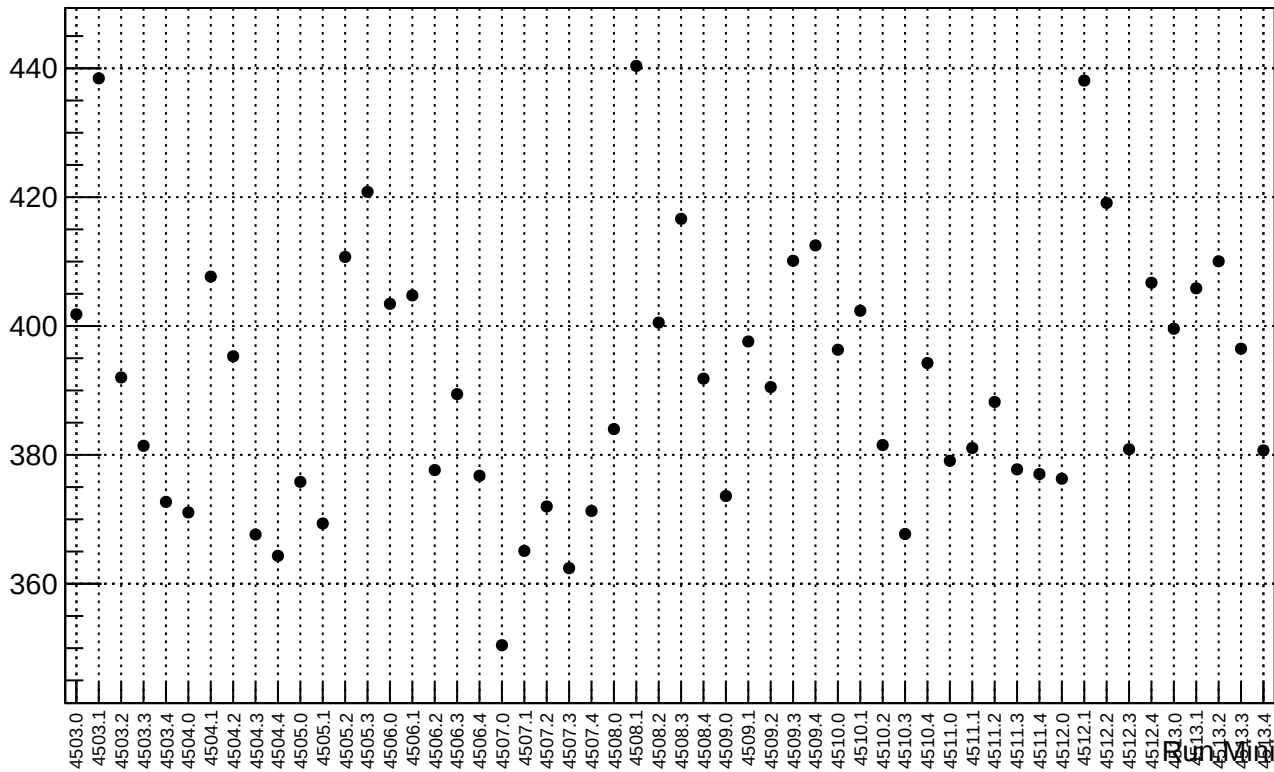
57.39 / 53
 1901 ± 538.6



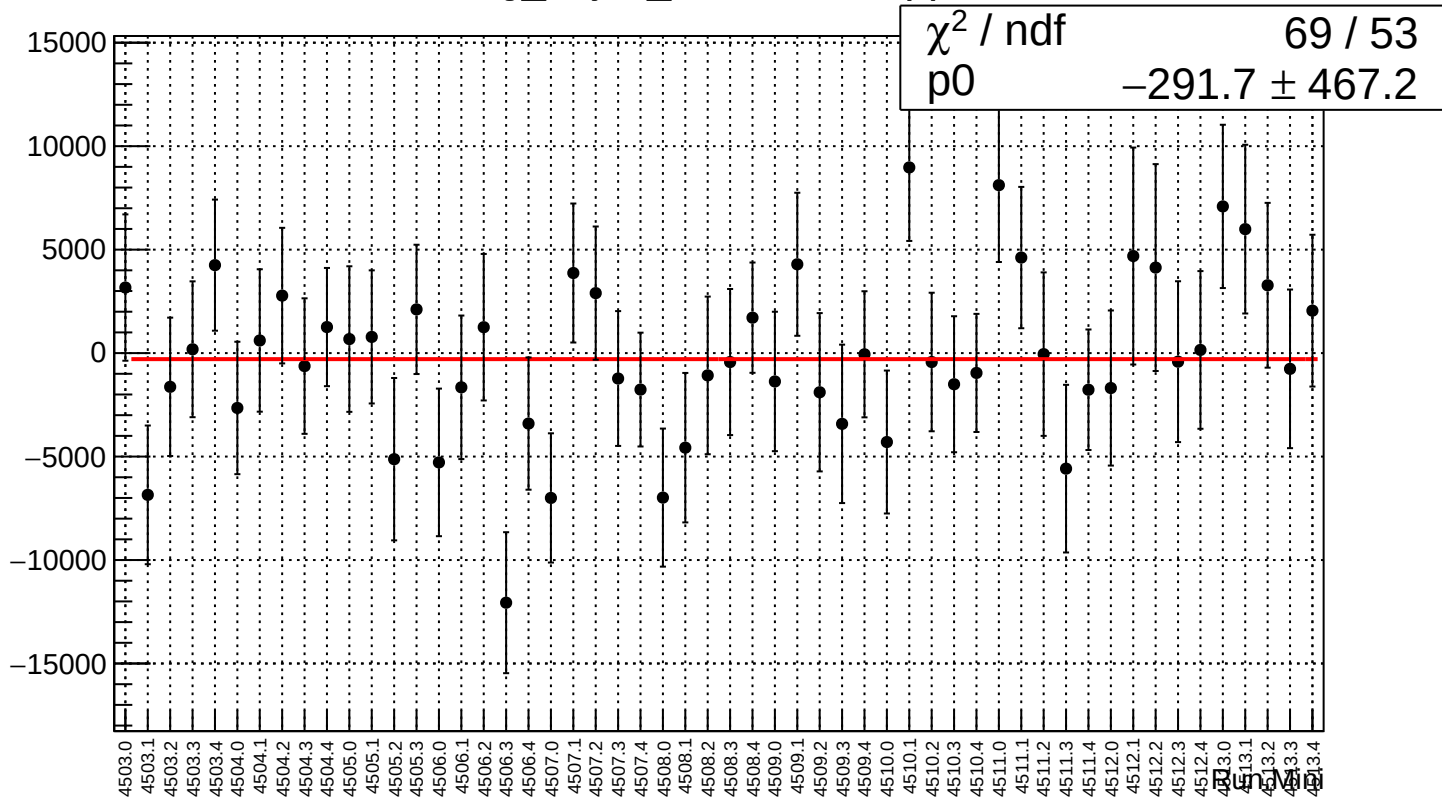
reg_asym_sam6.rms/ppm



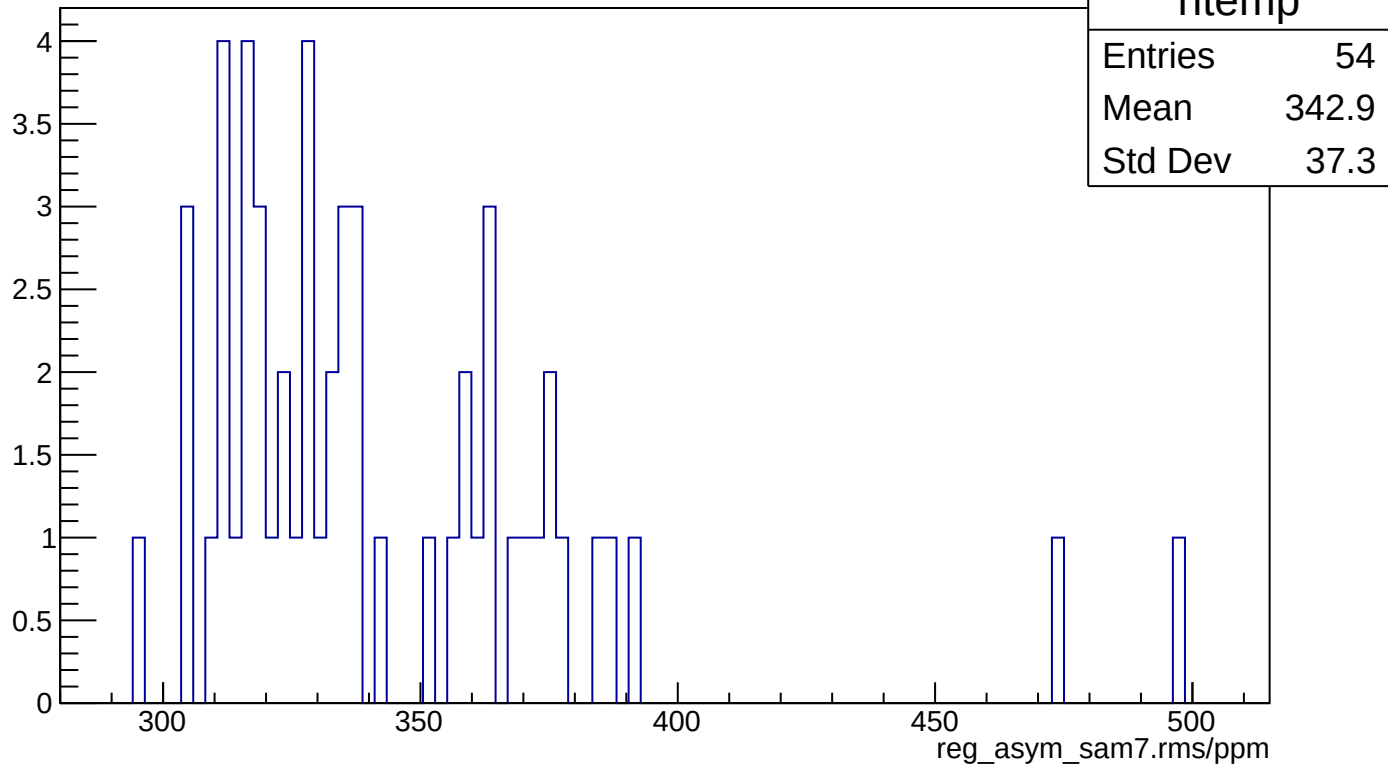
reg_asym_sam6.rms/ppm



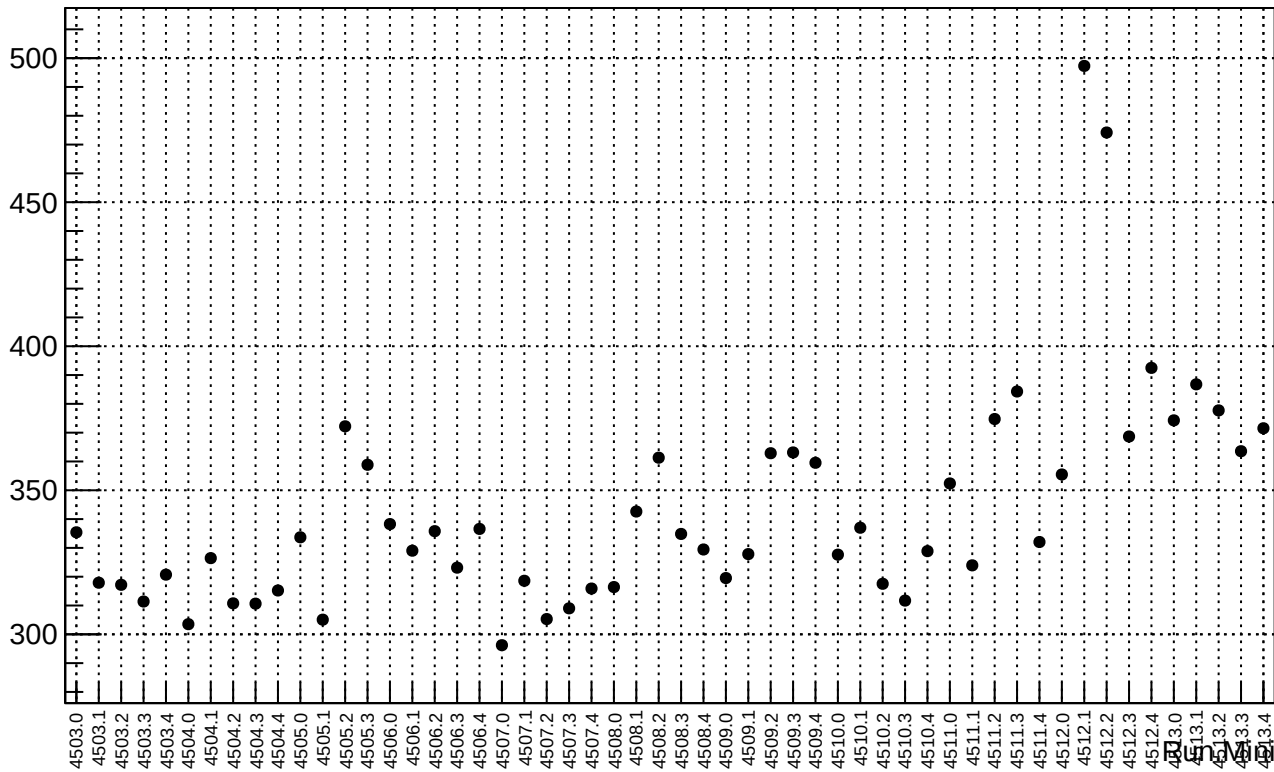
reg_asym_sam7.mean/ppb



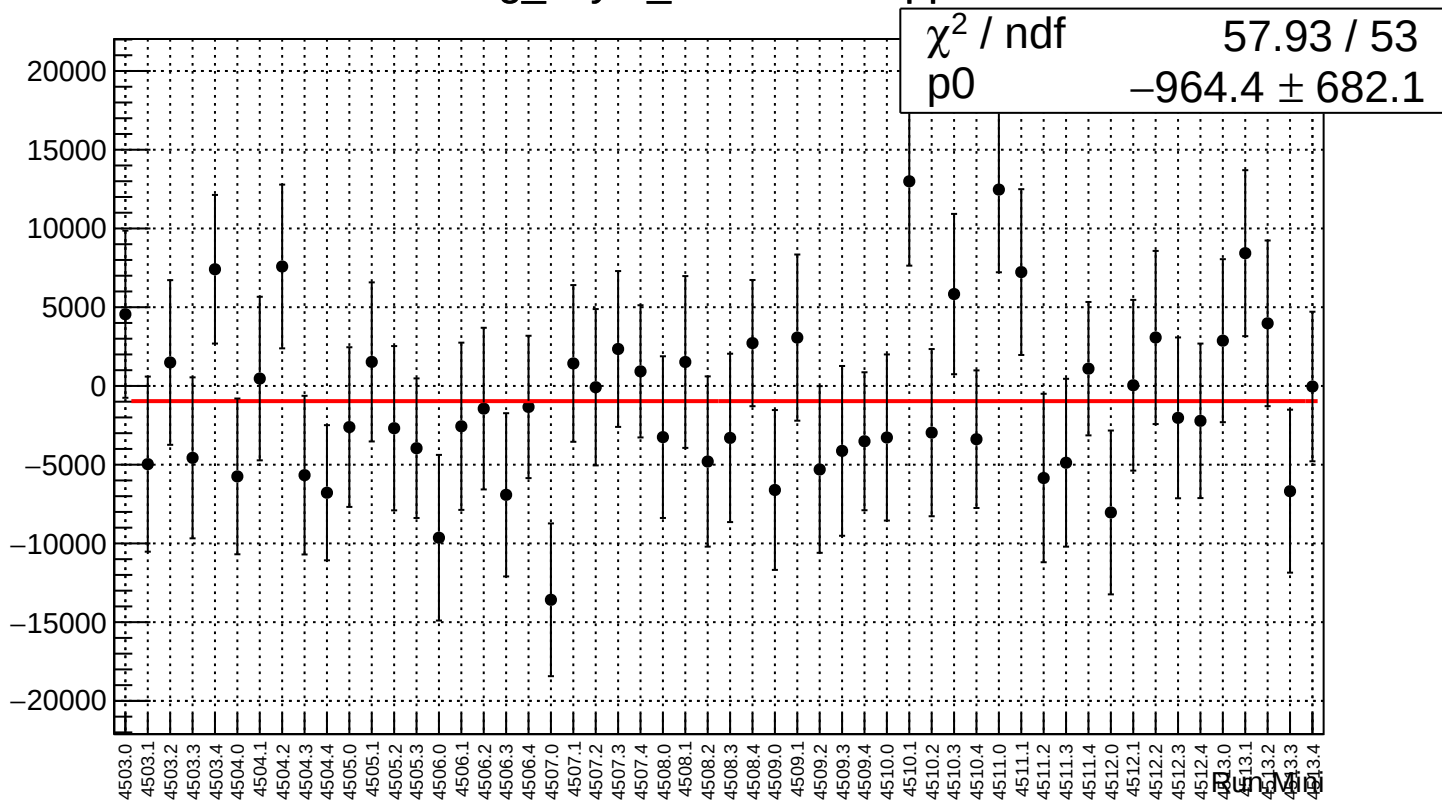
reg_asym_sam7.rms/ppm



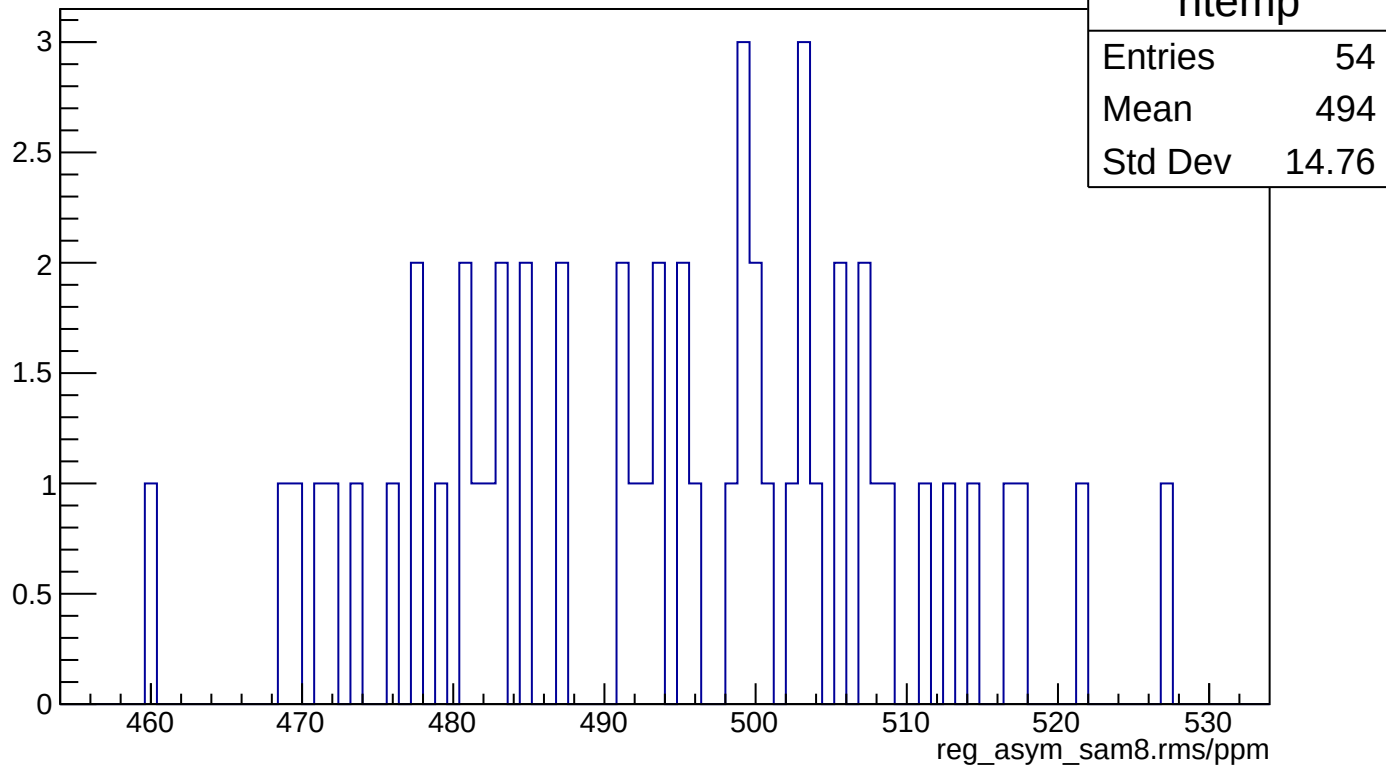
reg_asym_sam7.rms/ppm



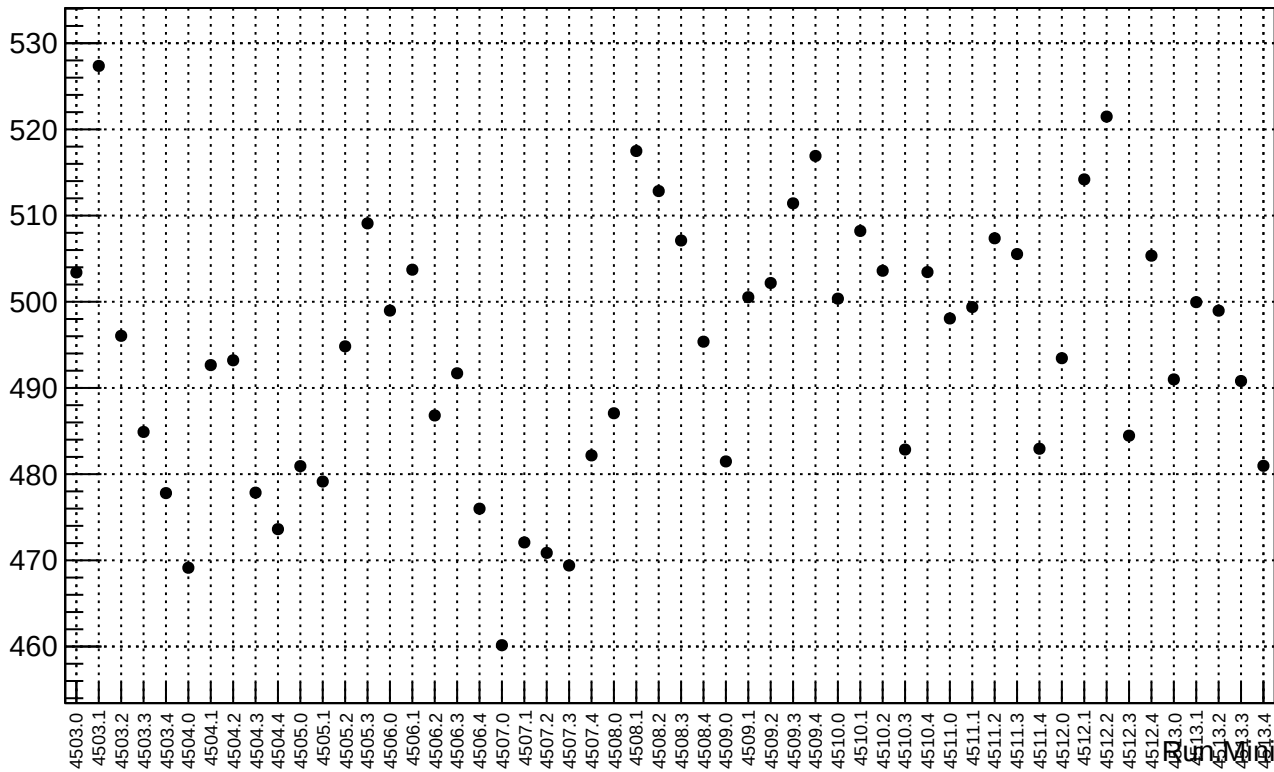
reg_asym_sam8.mean/ppb



reg_asym_sam8.rms/ppm



reg_asym_sam8.rms/ppm



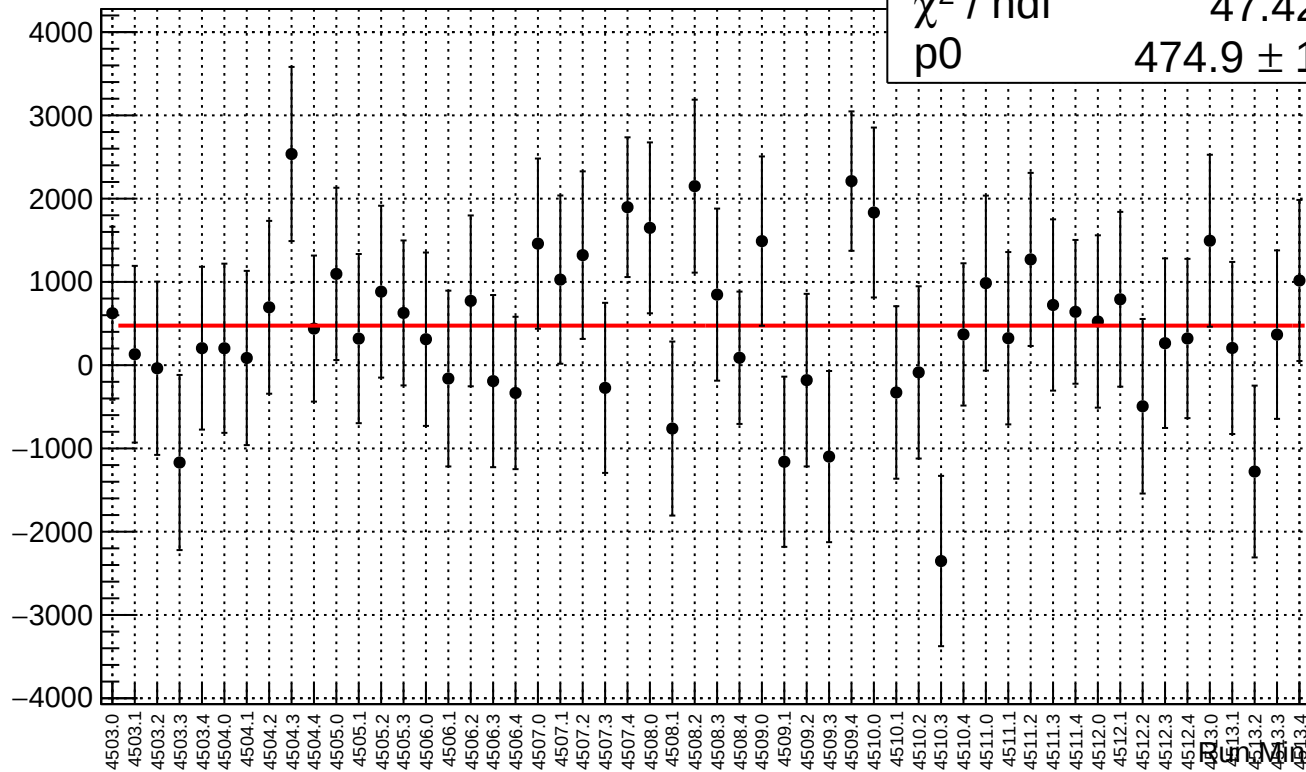
reg_asym_us_avg.mean/ppb

χ^2 / ndf

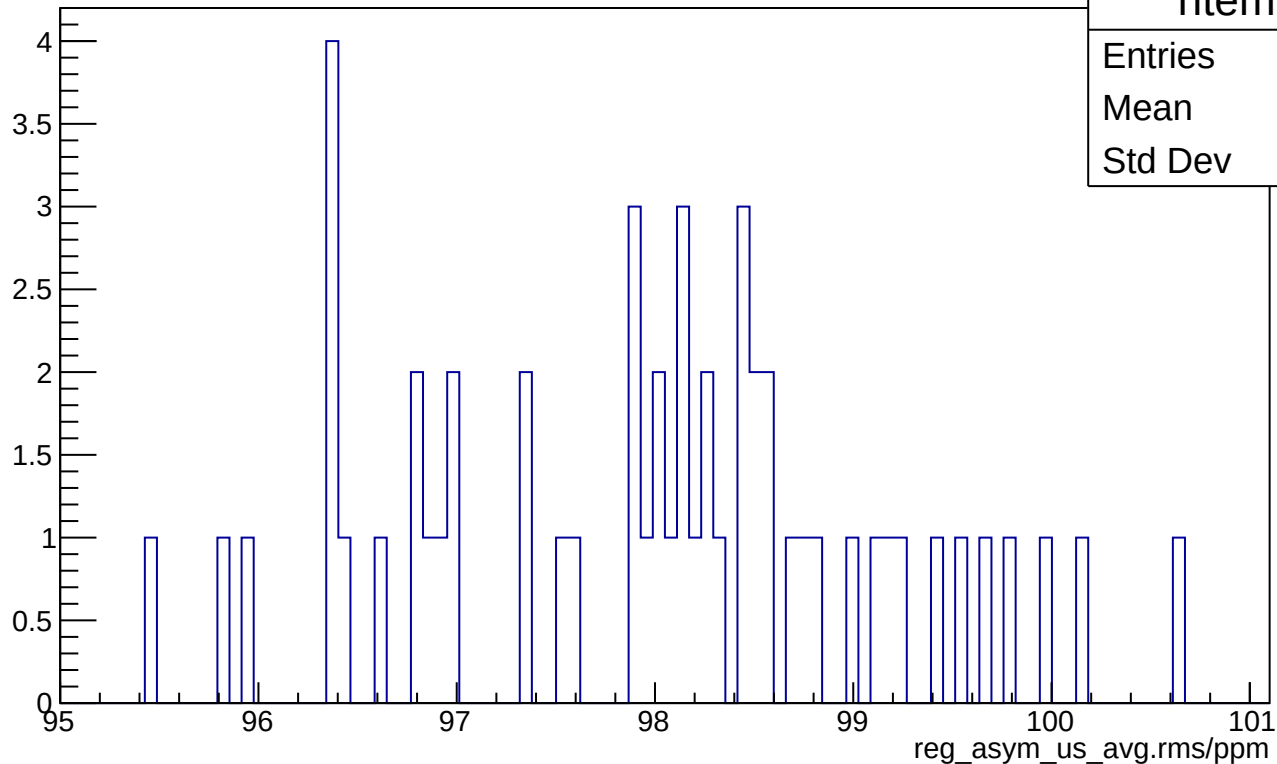
47.42 / 53

p0

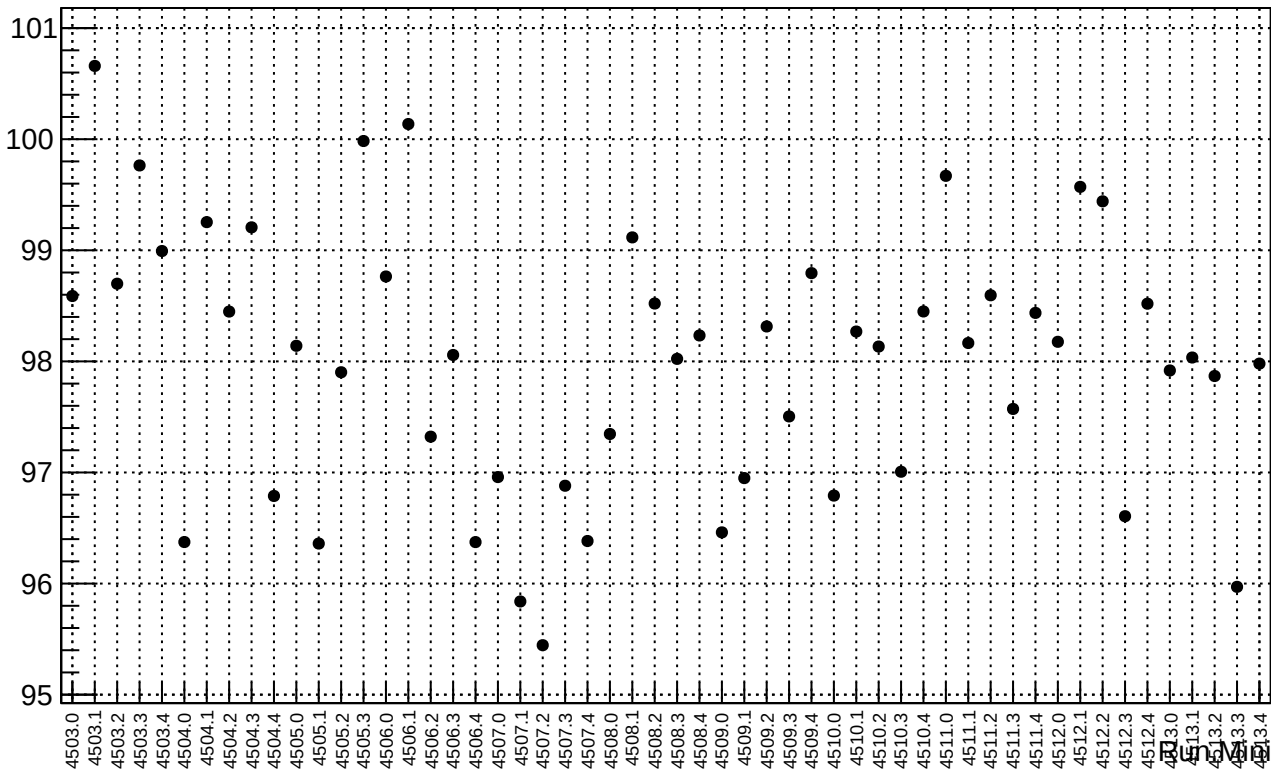
474.9 ± 135.5



reg_asym_us_avg.rms/ppm



reg_asym_us_avg.rms/ppm



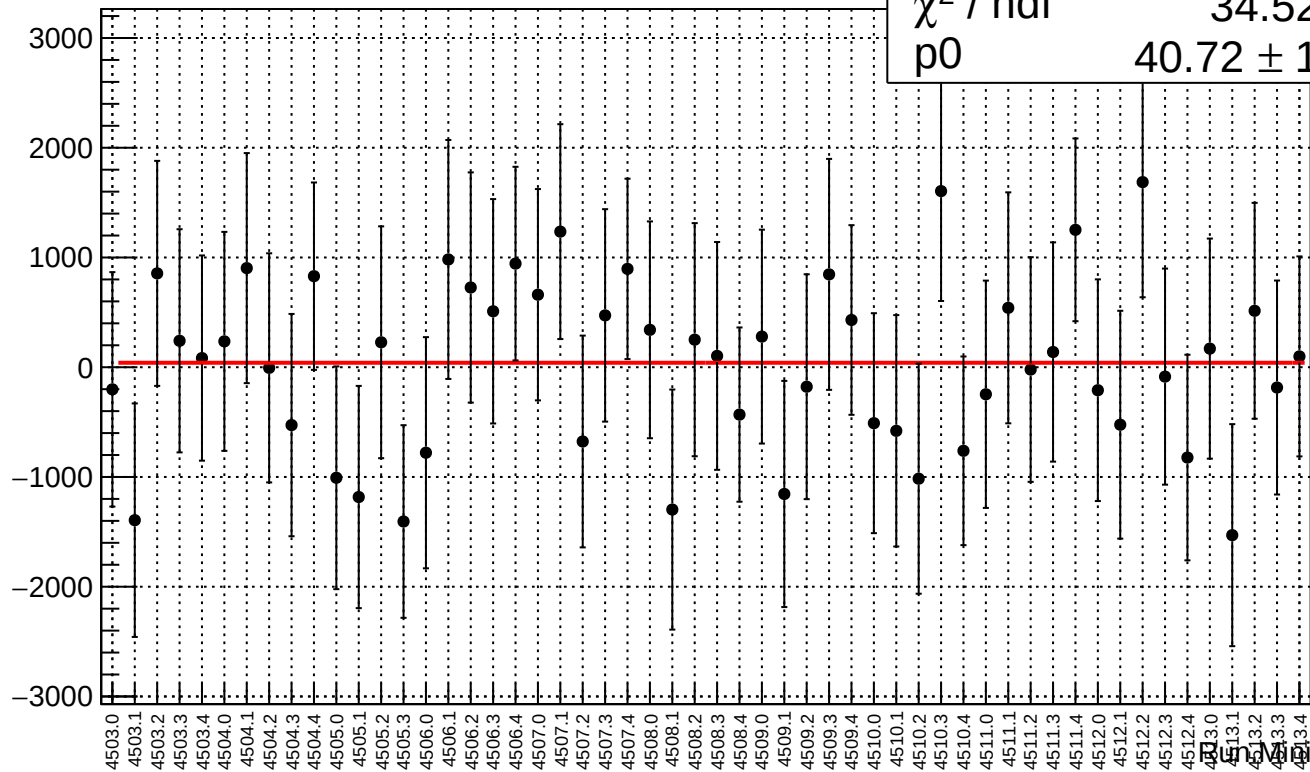
reg_asym_us_dd.mean/ppb

χ^2 / ndf

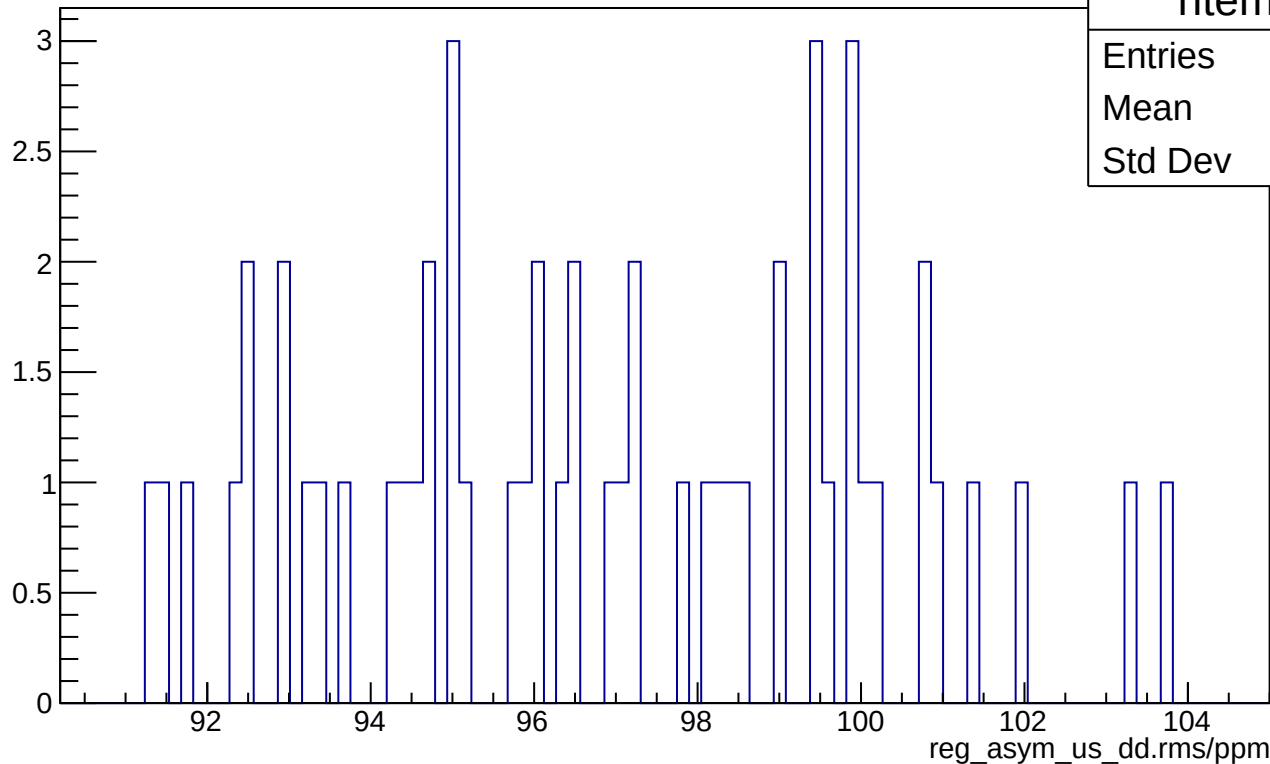
34.52 / 53

p0

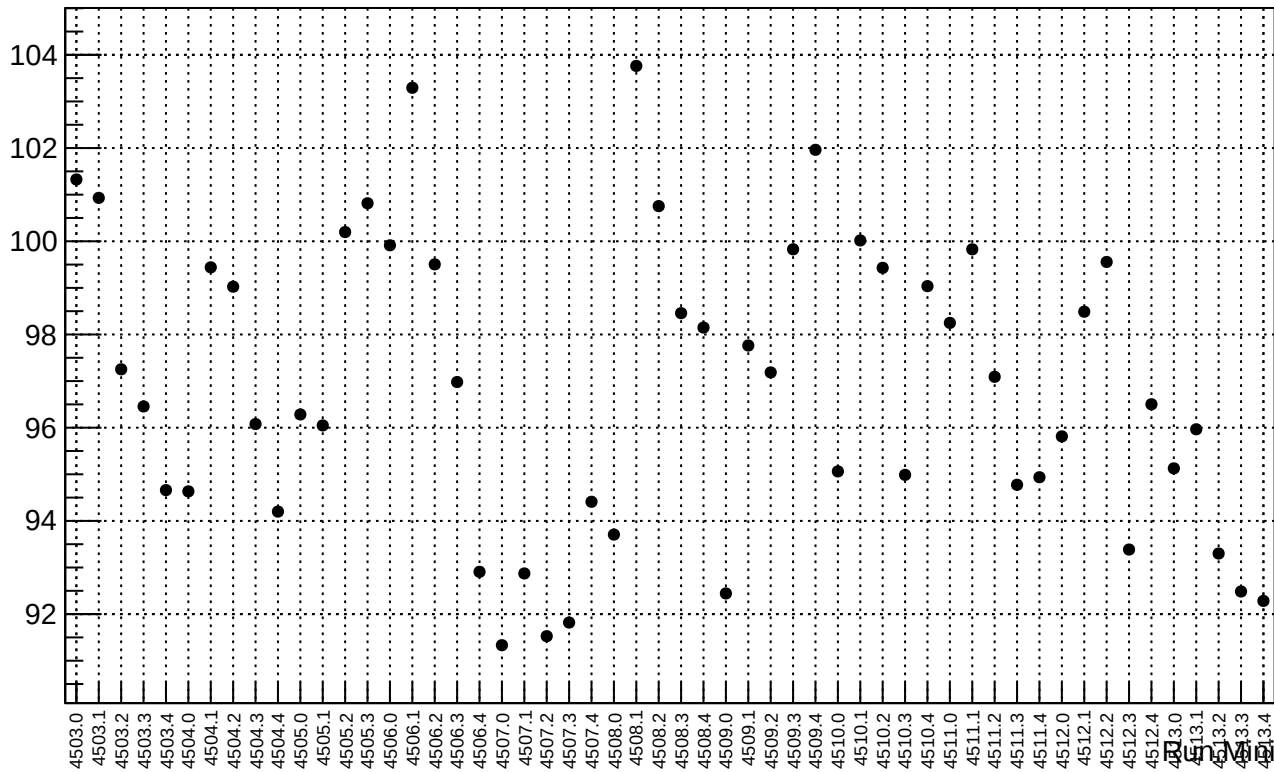
40.72 ± 133.8



reg_asym_us_dd.rms/ppm



reg_asym_us_dd.rms/ppm



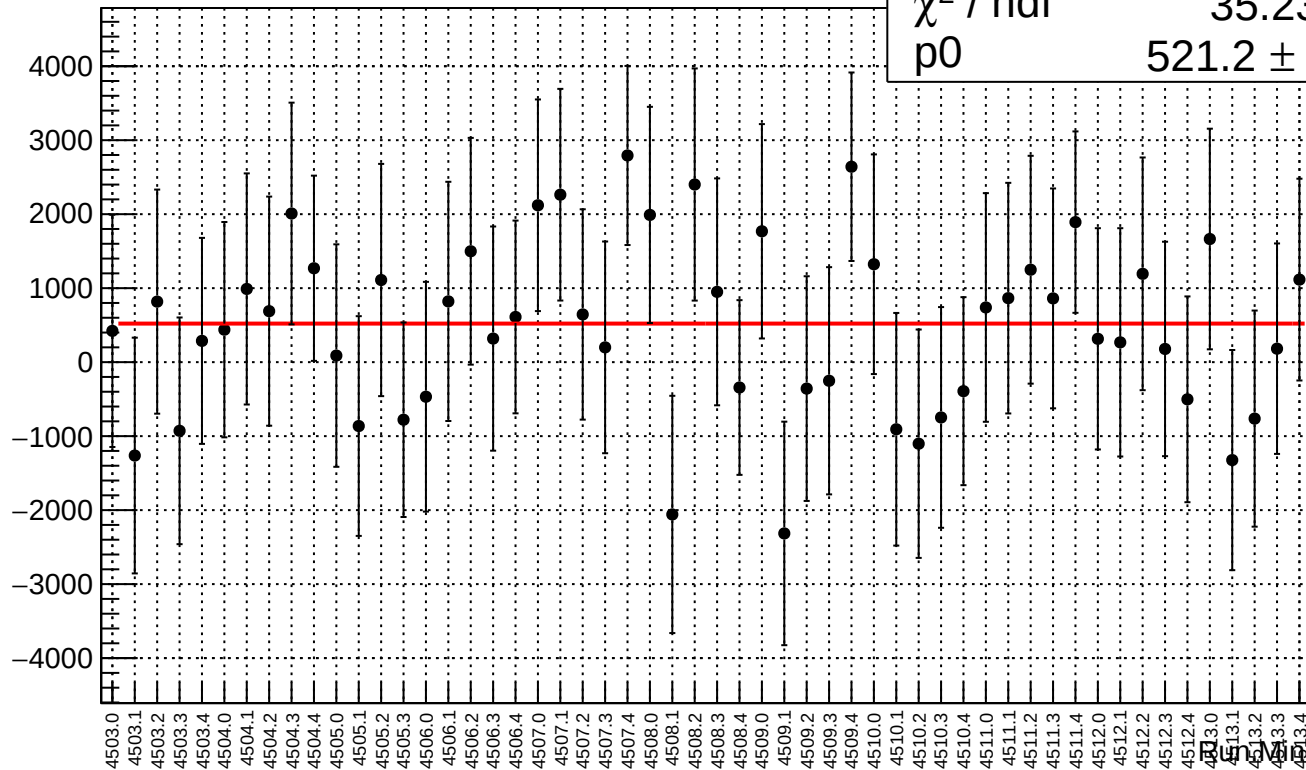
reg_asym_usl.mean/ppb

χ^2 / ndf

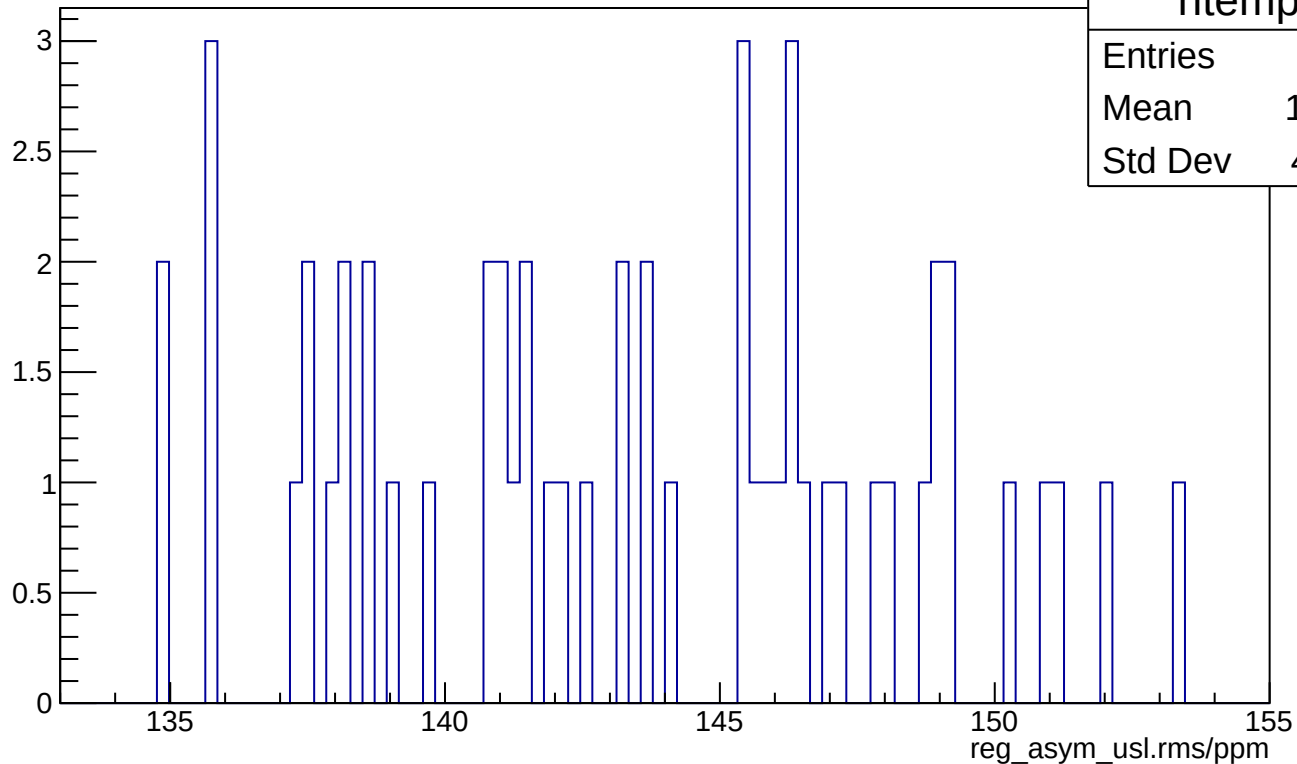
35.23 / 53

p0

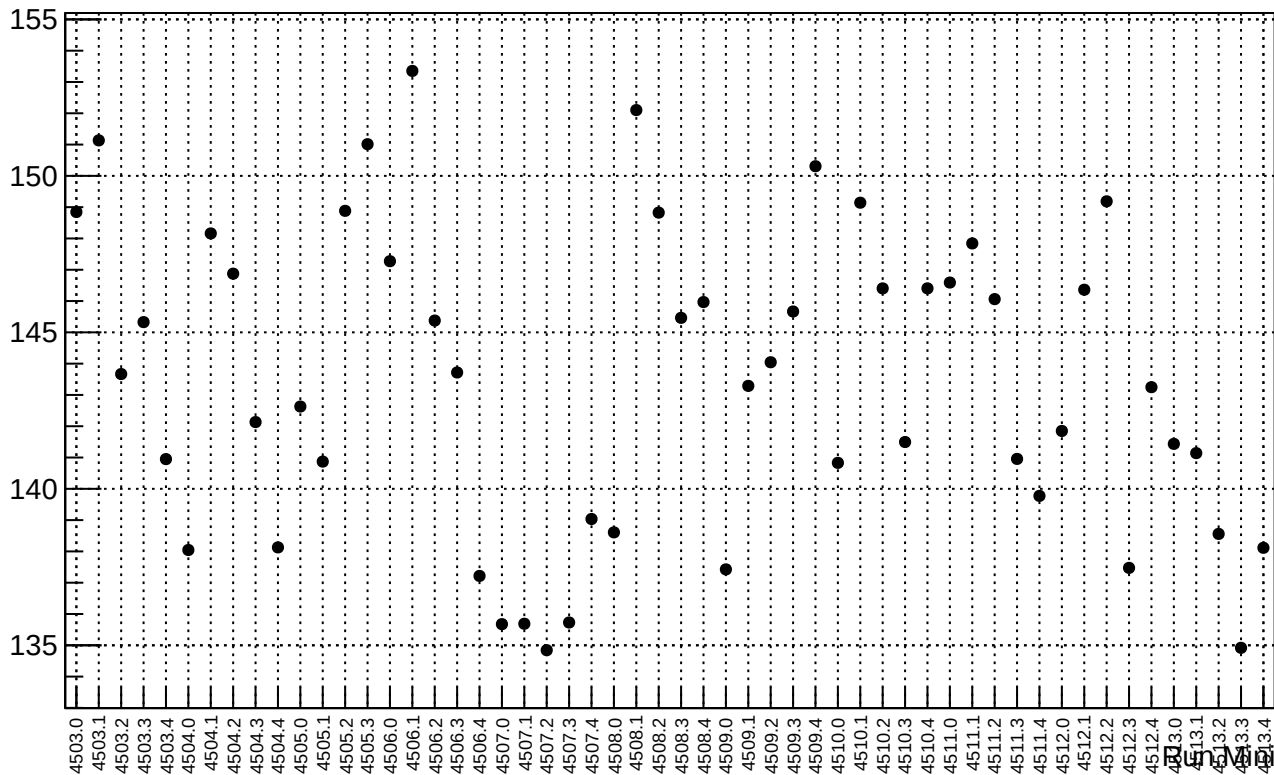
521.2 ± 198



reg_asym_usl.rms/ppm



reg_asym_usl.rms/ppm

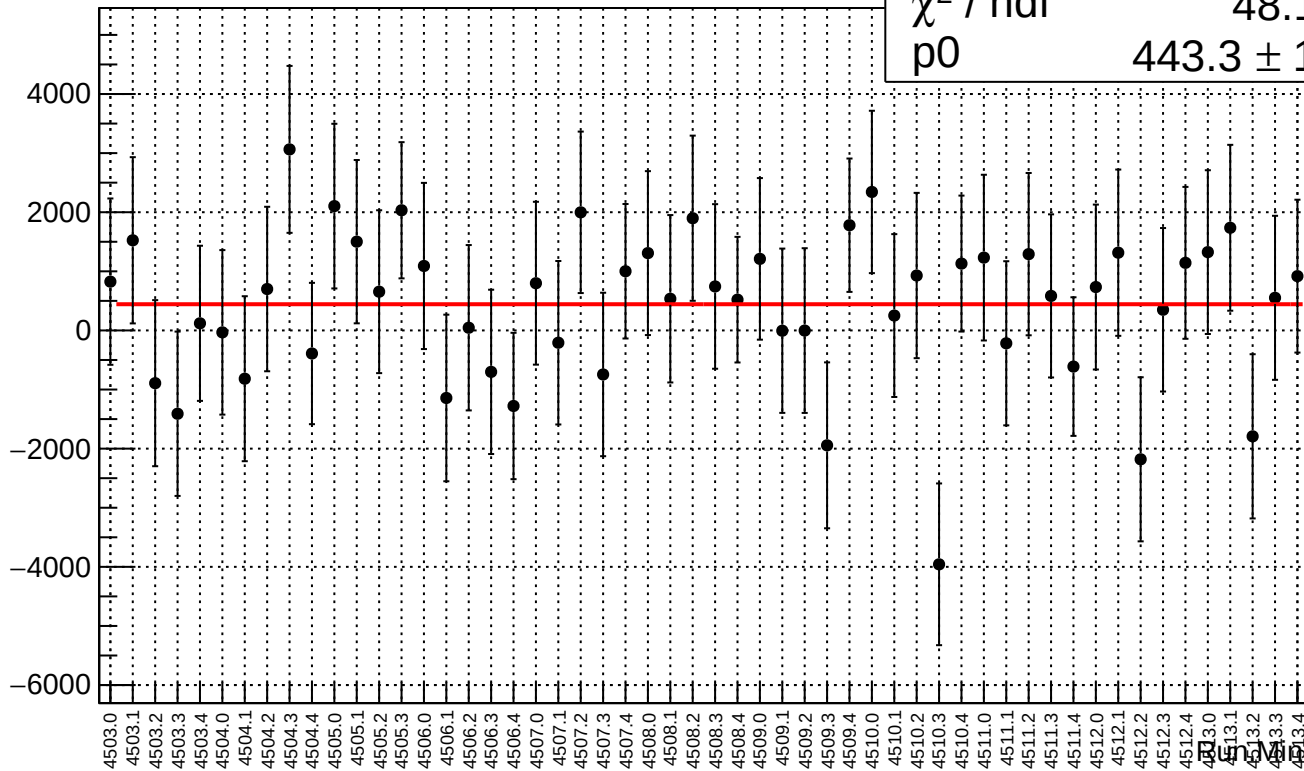


reg_asym_usr.mean/ppb

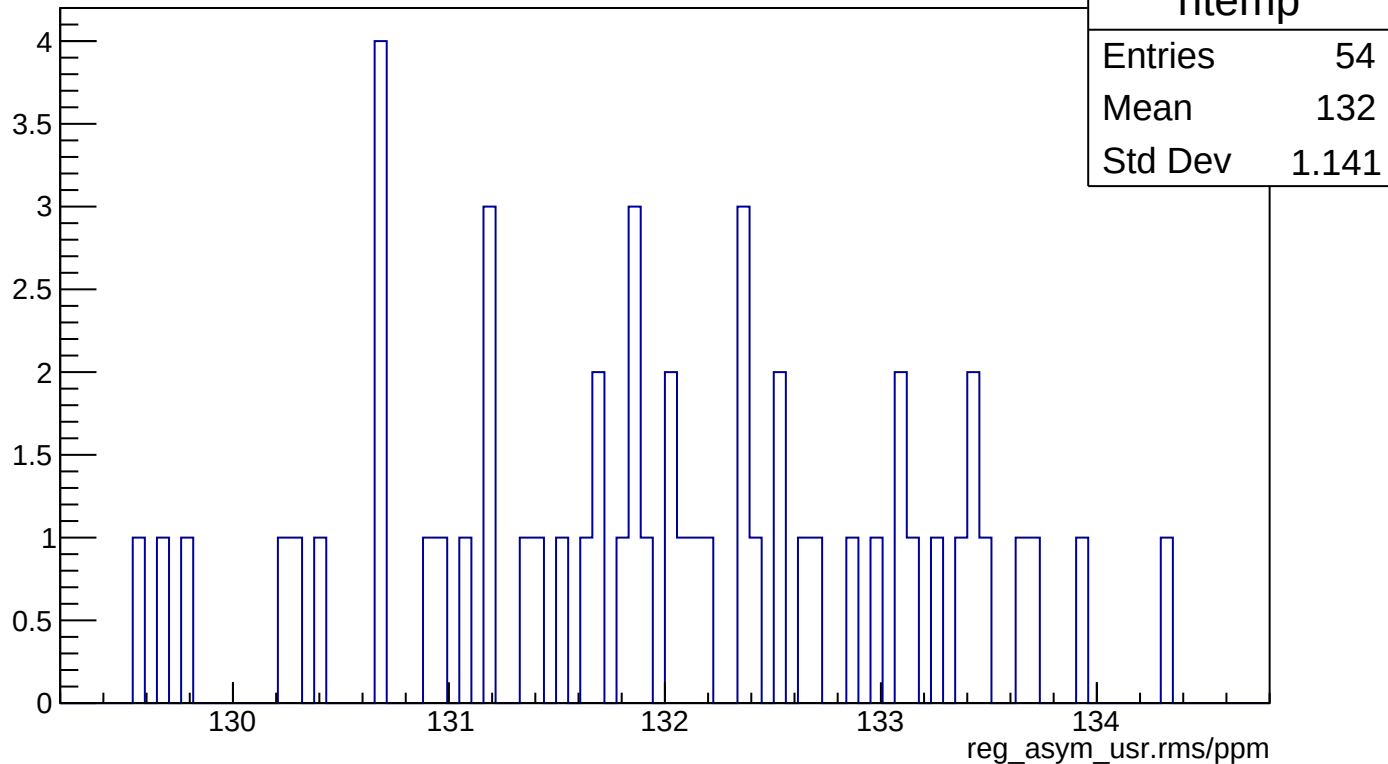
χ^2 / ndf
p0

48.1 / 53

443.3 ± 182.4



reg_asym_usr.rms/ppm



reg_asym_usr.rms/ppm

