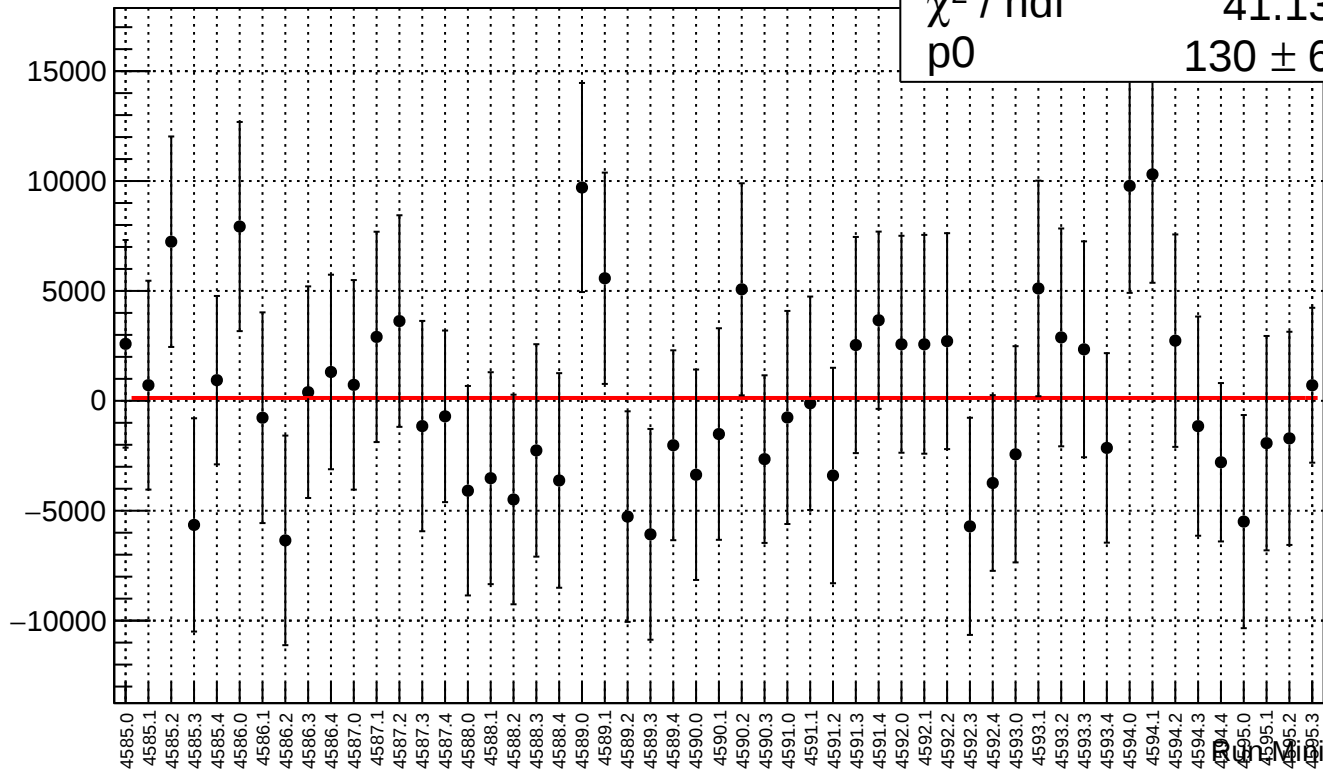


asym_at1_avg.mean/ppb

χ^2 / ndf
p0

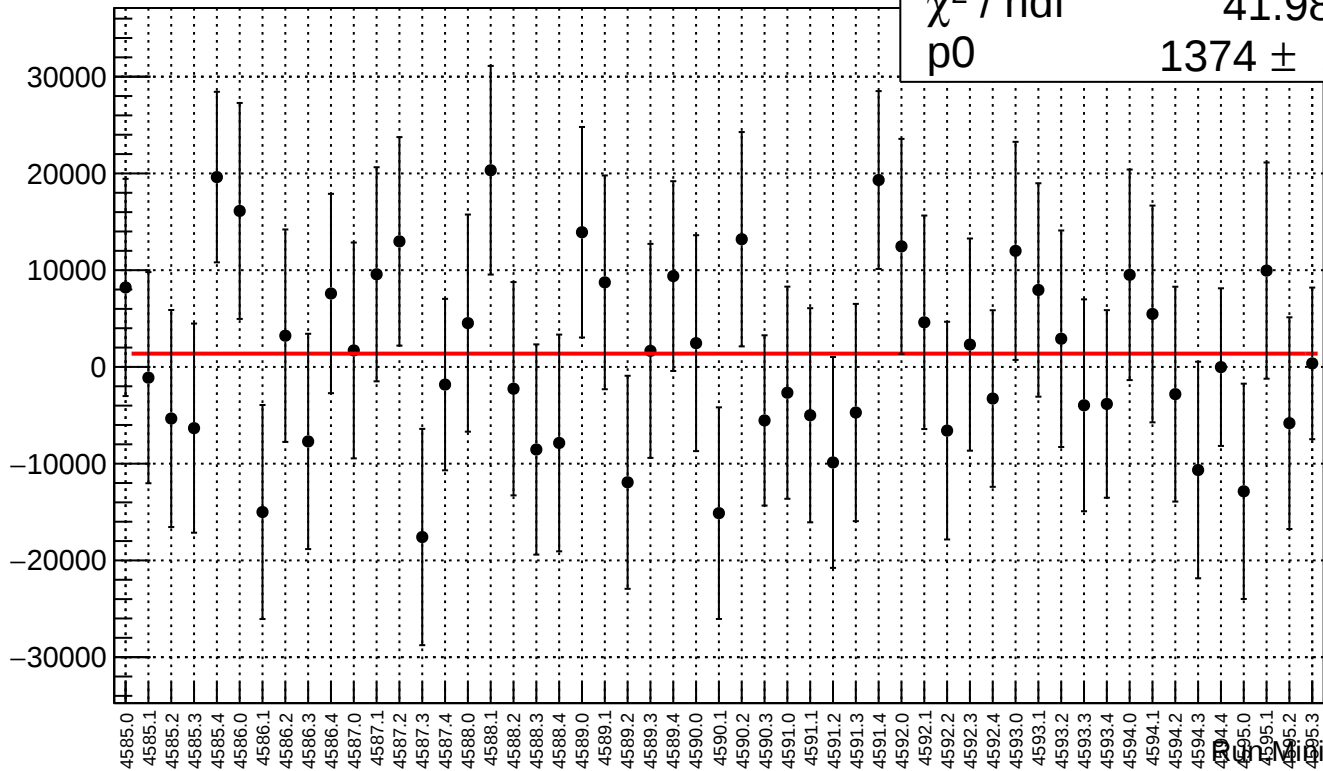
41.13 / 52
 130 ± 635.3



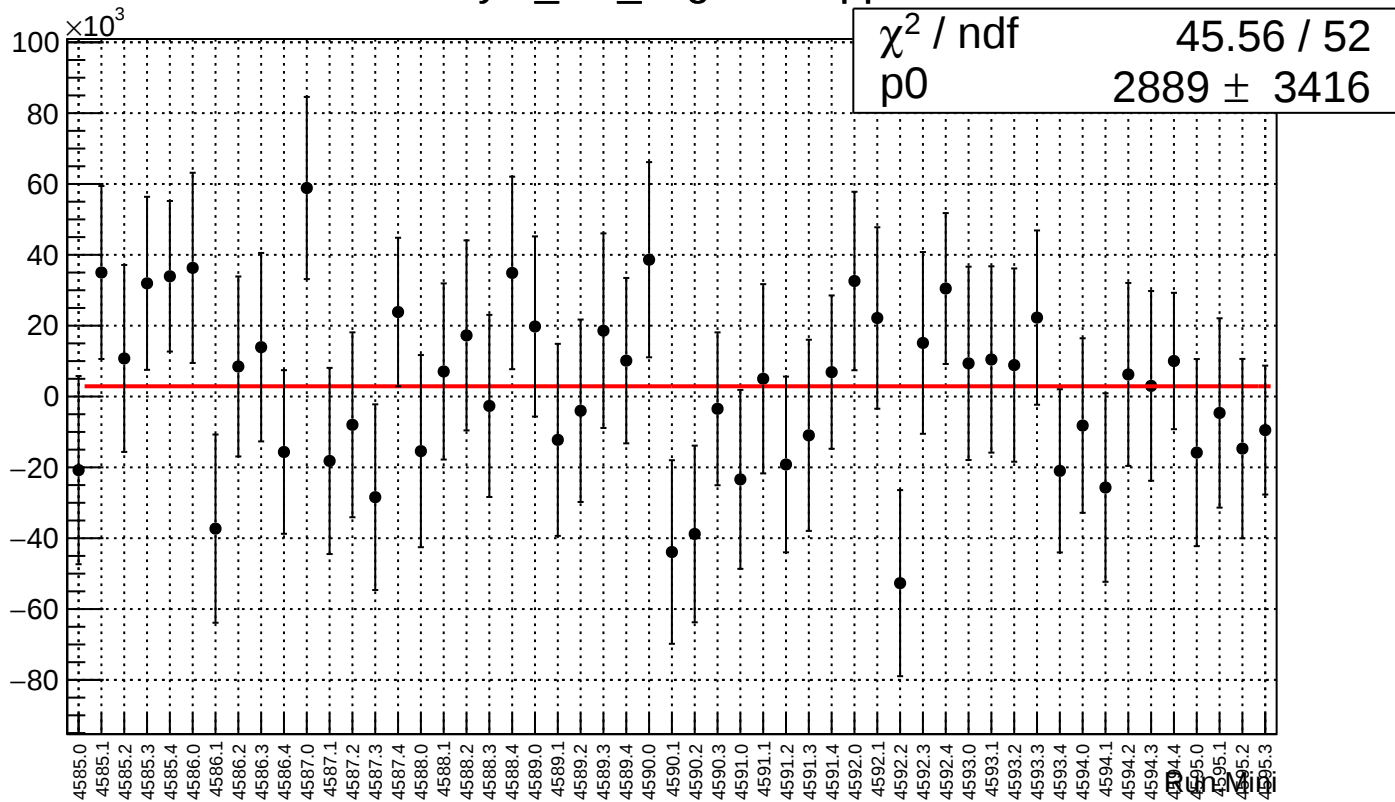
asym_at1_dd.mean/ppb

χ^2 / ndf
p0

41.98 / 52
 1374 ± 1450



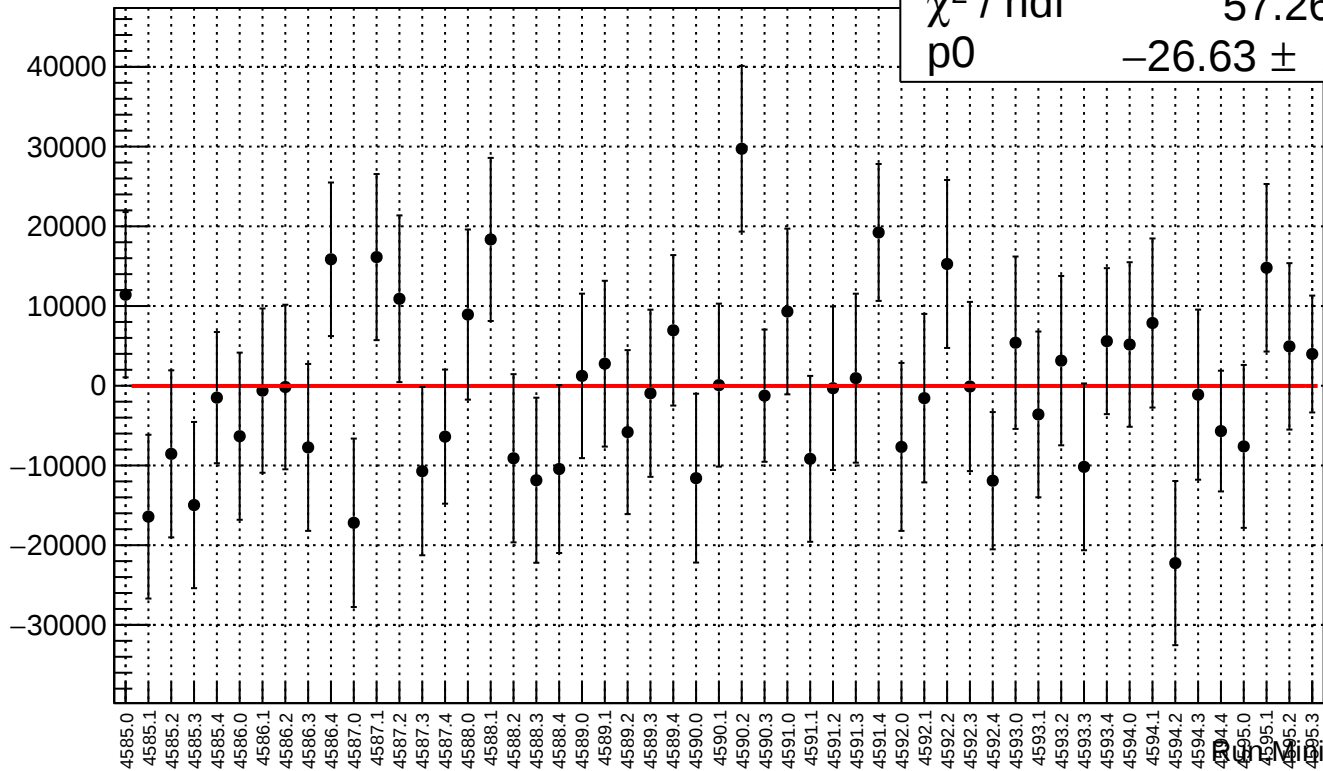
asym_at2_avg.mean/ppb



asym_at2_dd.mean/ppb

χ^2 / ndf
p0

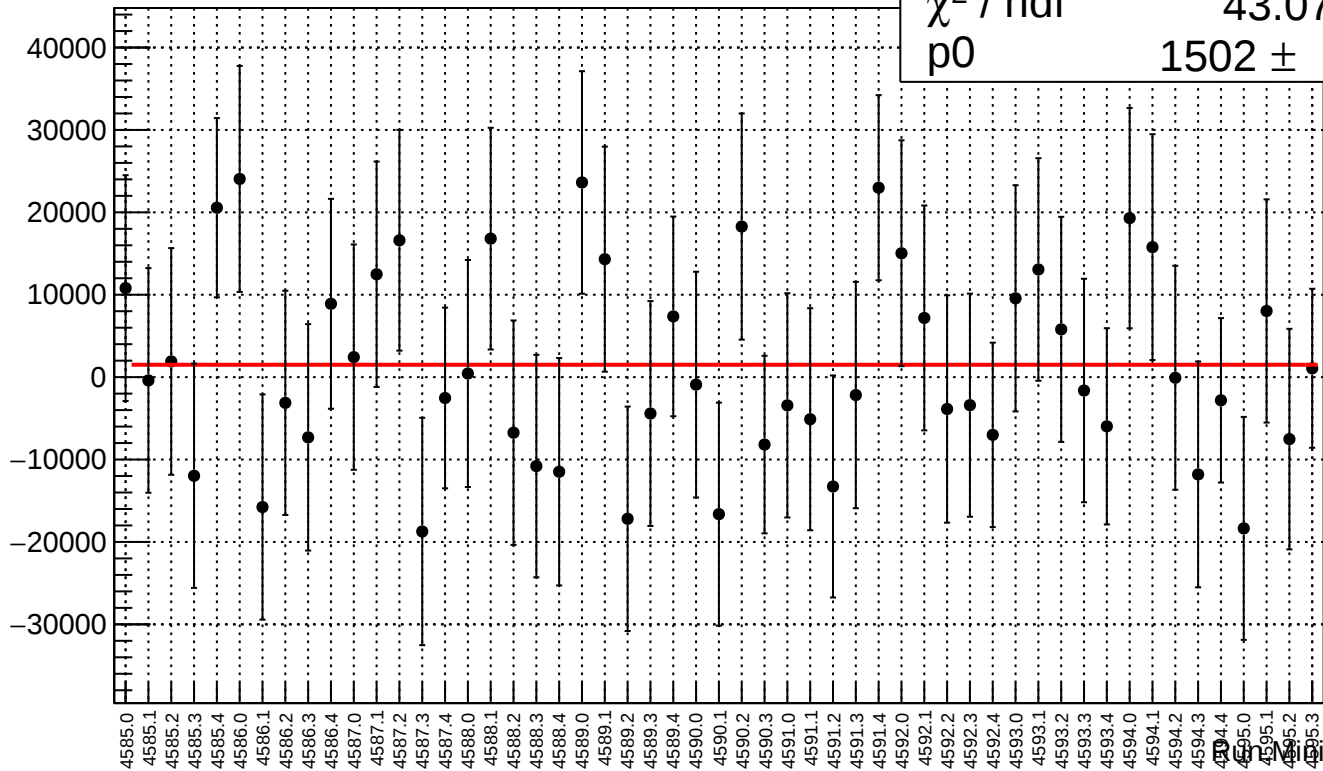
57.26 / 52
 -26.63 ± 1368



asym_atl1.mean/ppb

χ^2 / ndf
p0

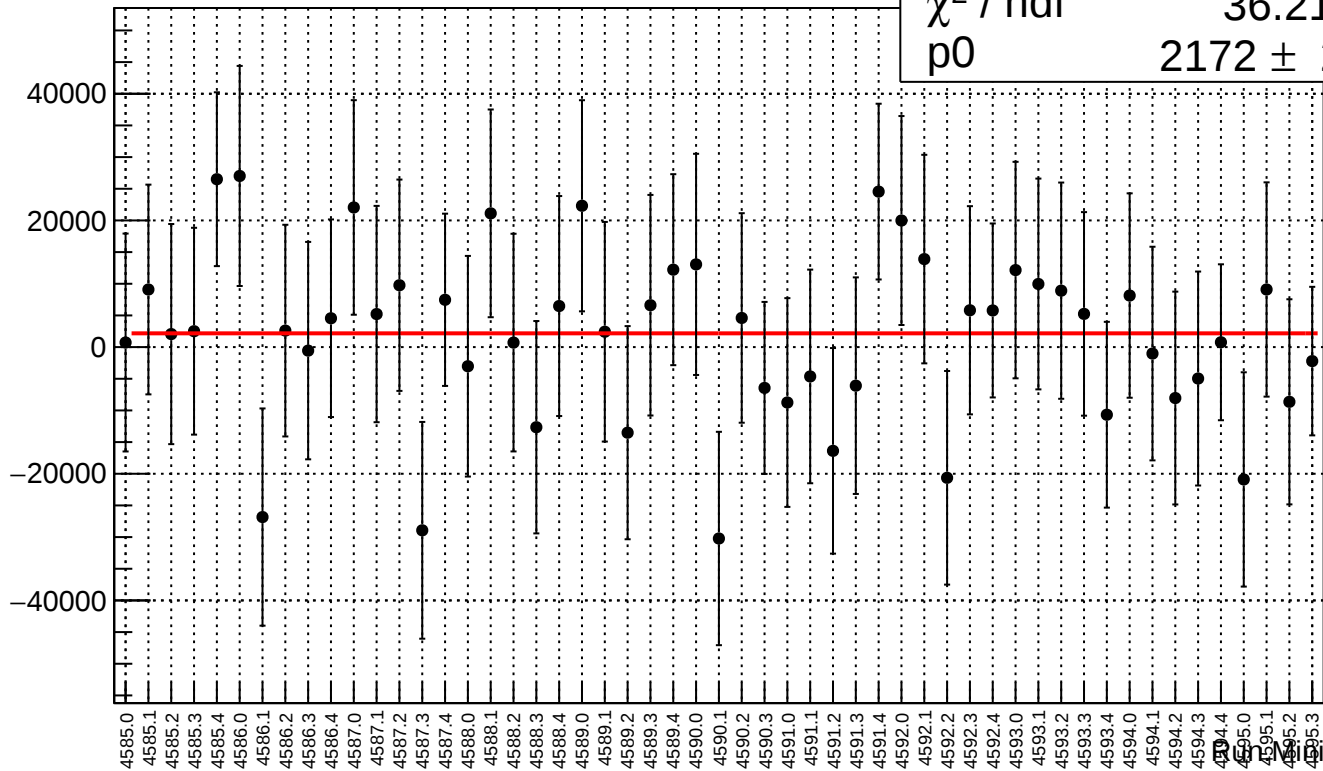
43.07 / 52
 1502 ± 1785



asym_atl1r2_avg.mean/ppb

χ^2 / ndf
p0

36.21 / 52
 2172 ± 2207



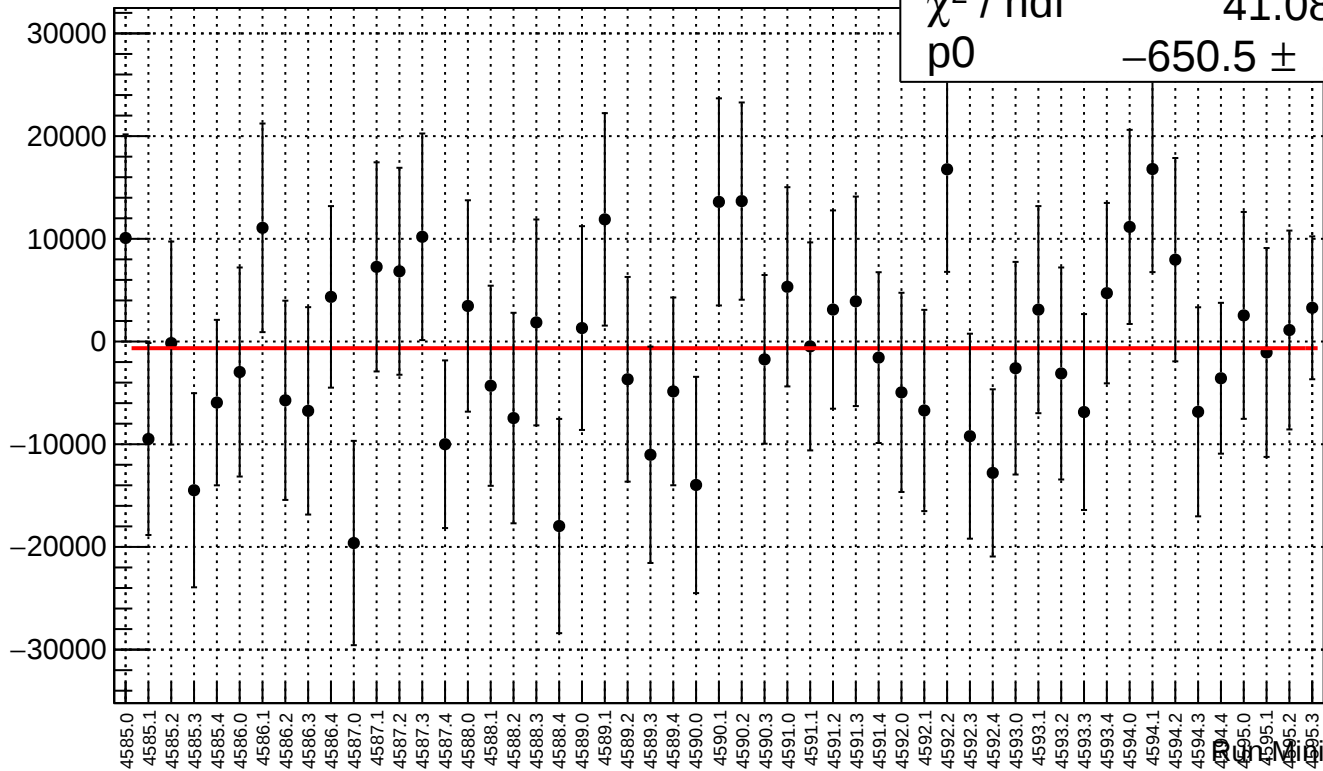
asym_atl1r2_dd.mean/ppb

χ^2 / ndf

41.08 / 52

p0

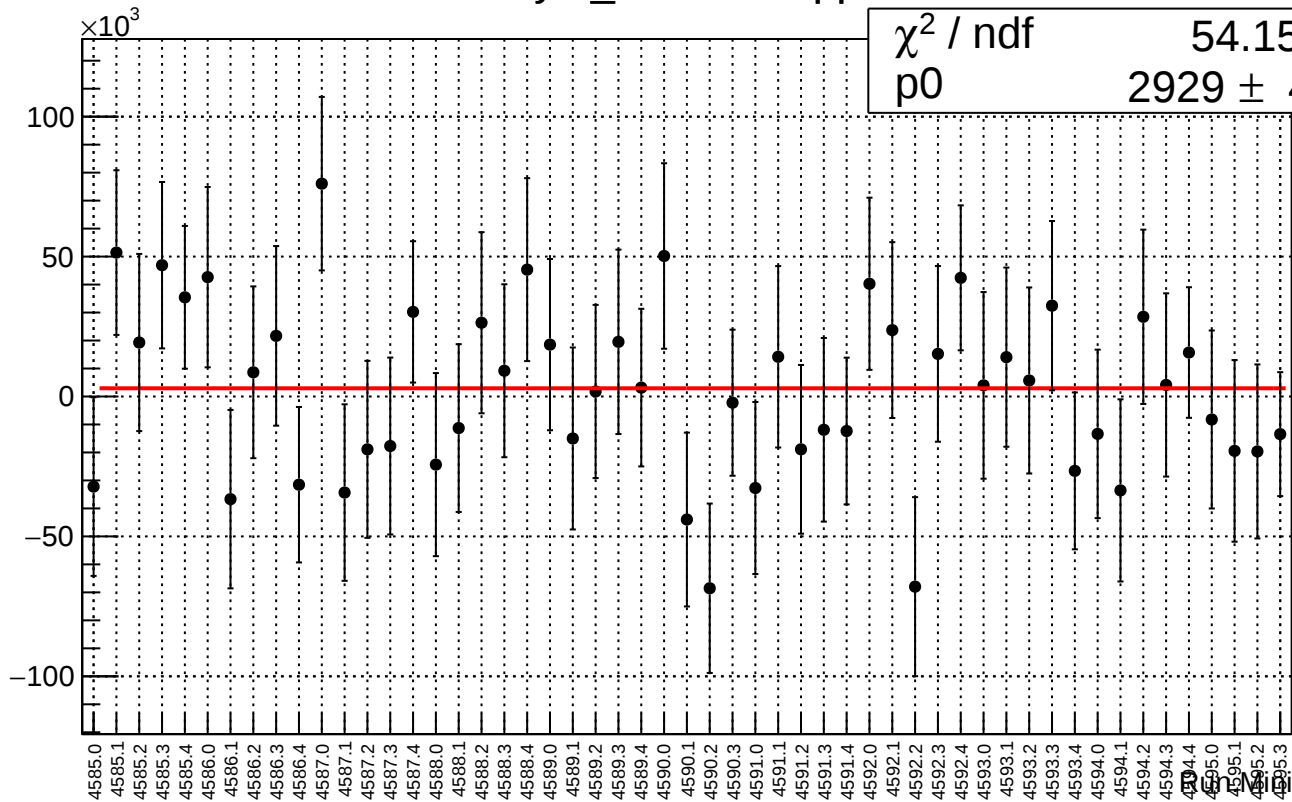
-650.5 ± 1309



asym_atl2.mean/ppb

χ^2 / ndf
p0

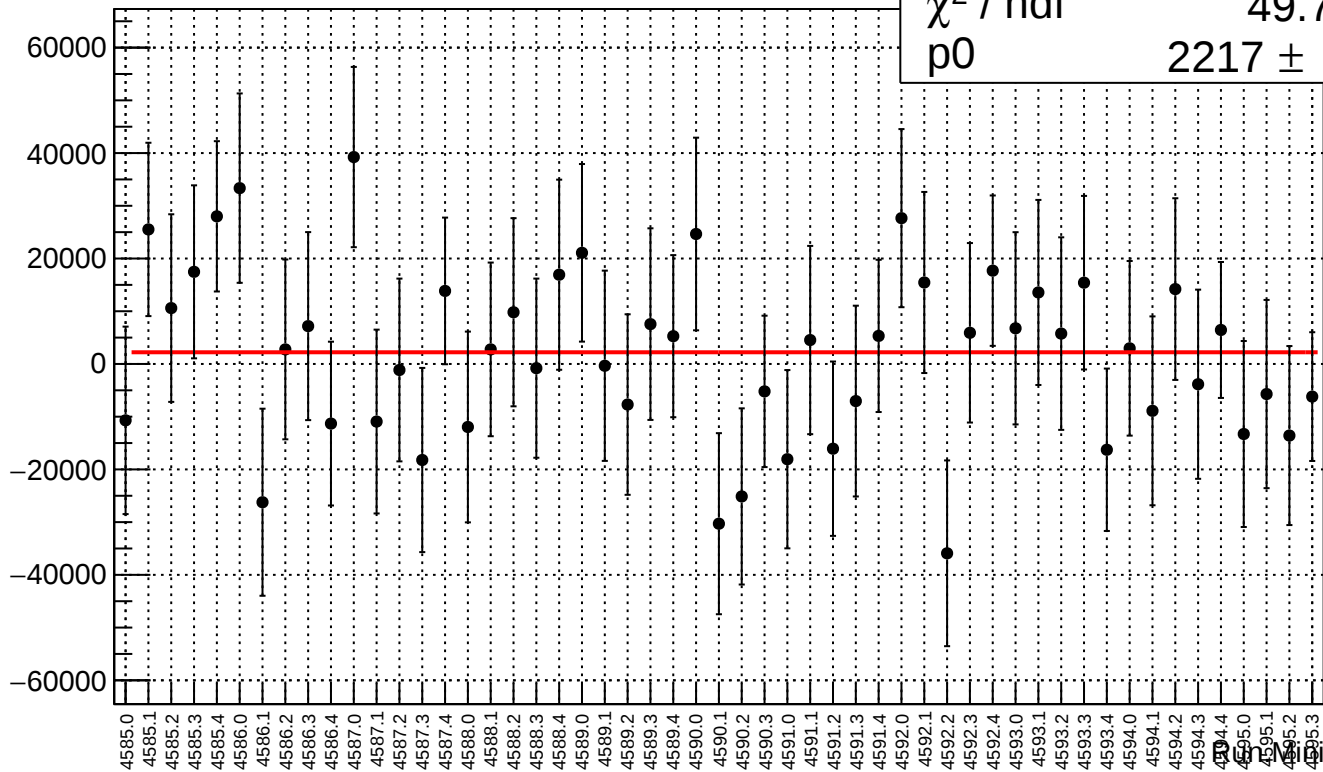
54.15 / 52
 2929 ± 4135



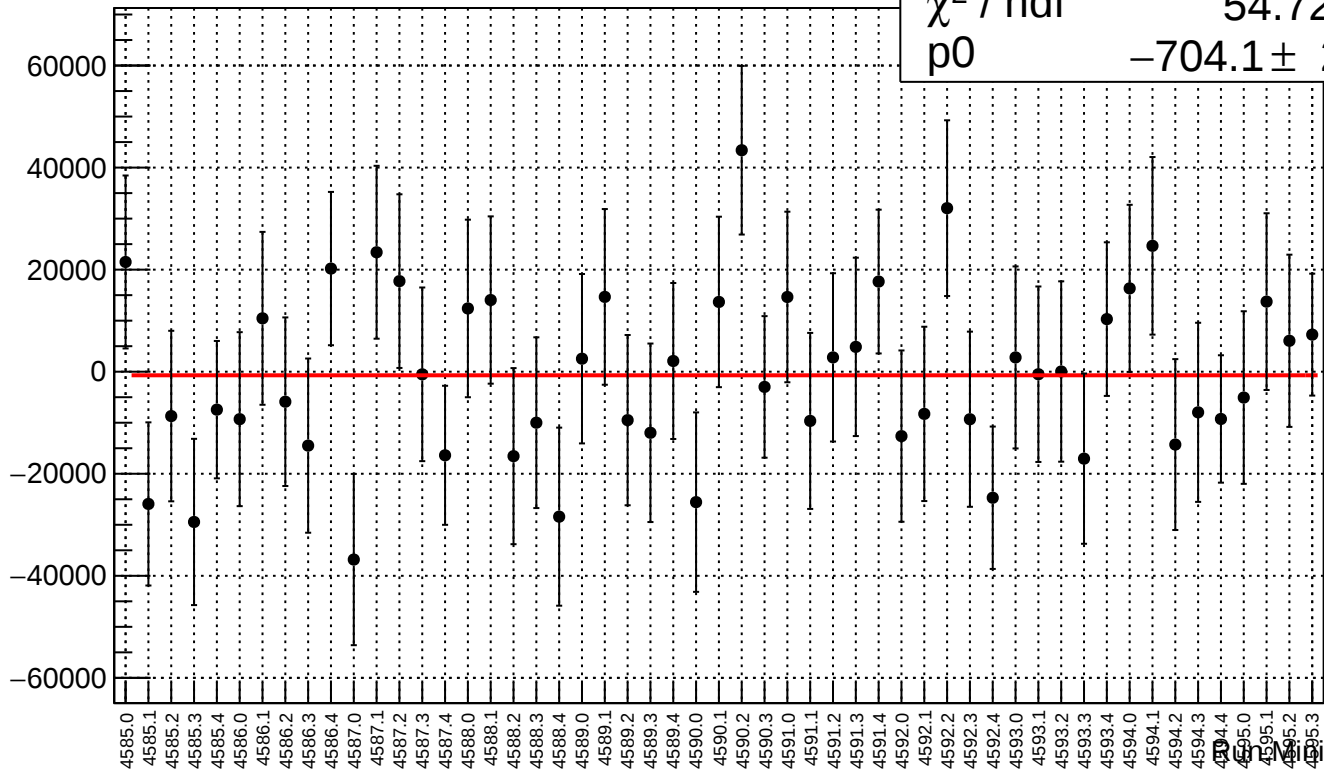
asym_atl_avg.mean/ppb

χ^2 / ndf
p0

49.7 / 52
 2217 ± 2281



χ^2 / ndf	54.72 / 52
p0	-704.1 ± 2223



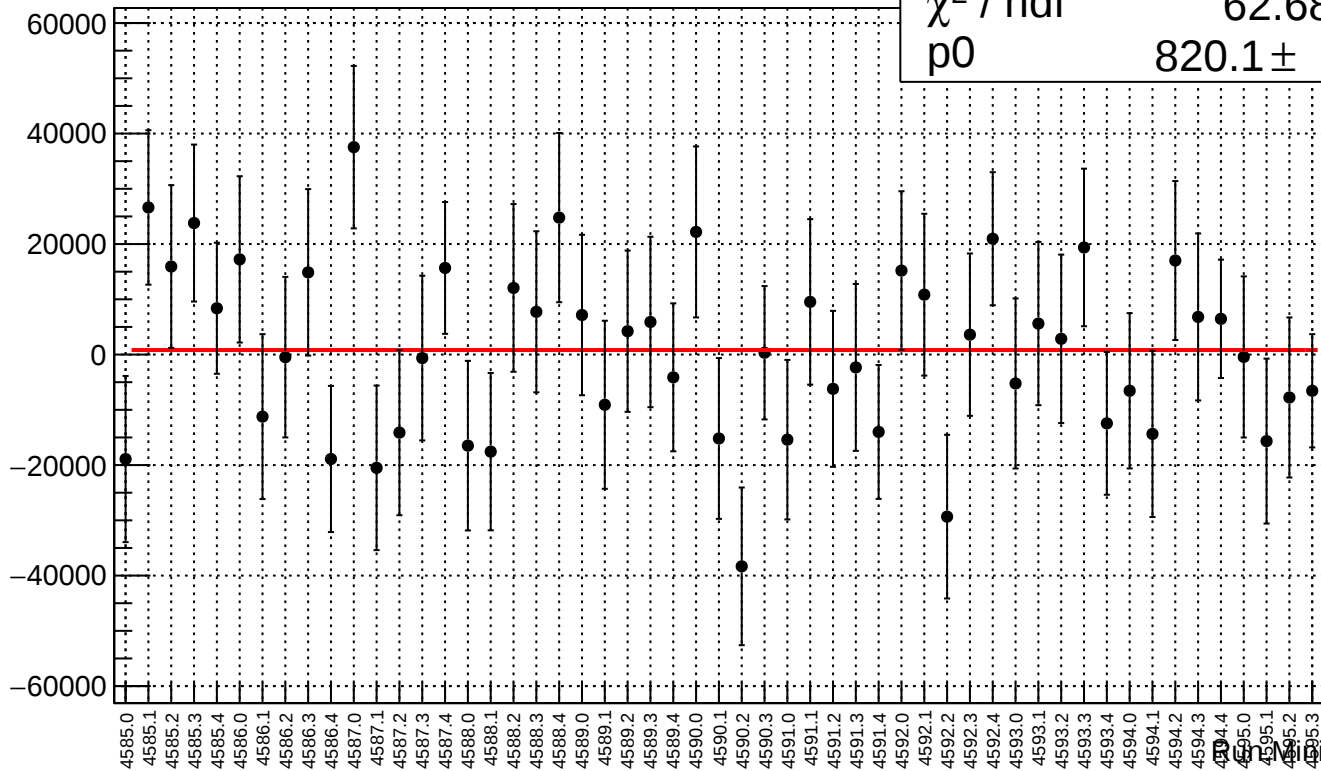
asym_atr1l2_avg.mean/ppb

χ^2 / ndf

62.68 / 52

p0

820.1 ± 1932

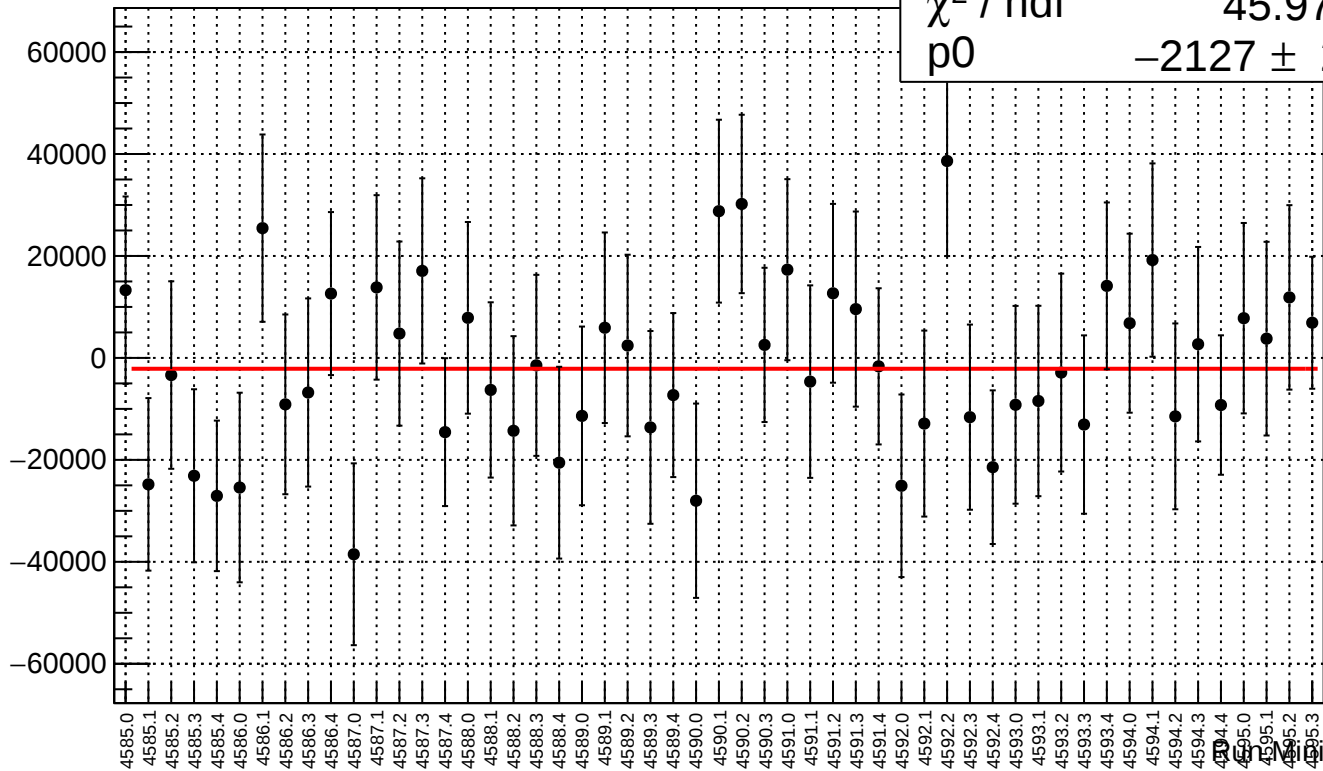


asym_atr1l2_dd.mean/ppb

χ^2 / ndf
p0

45.97 / 52

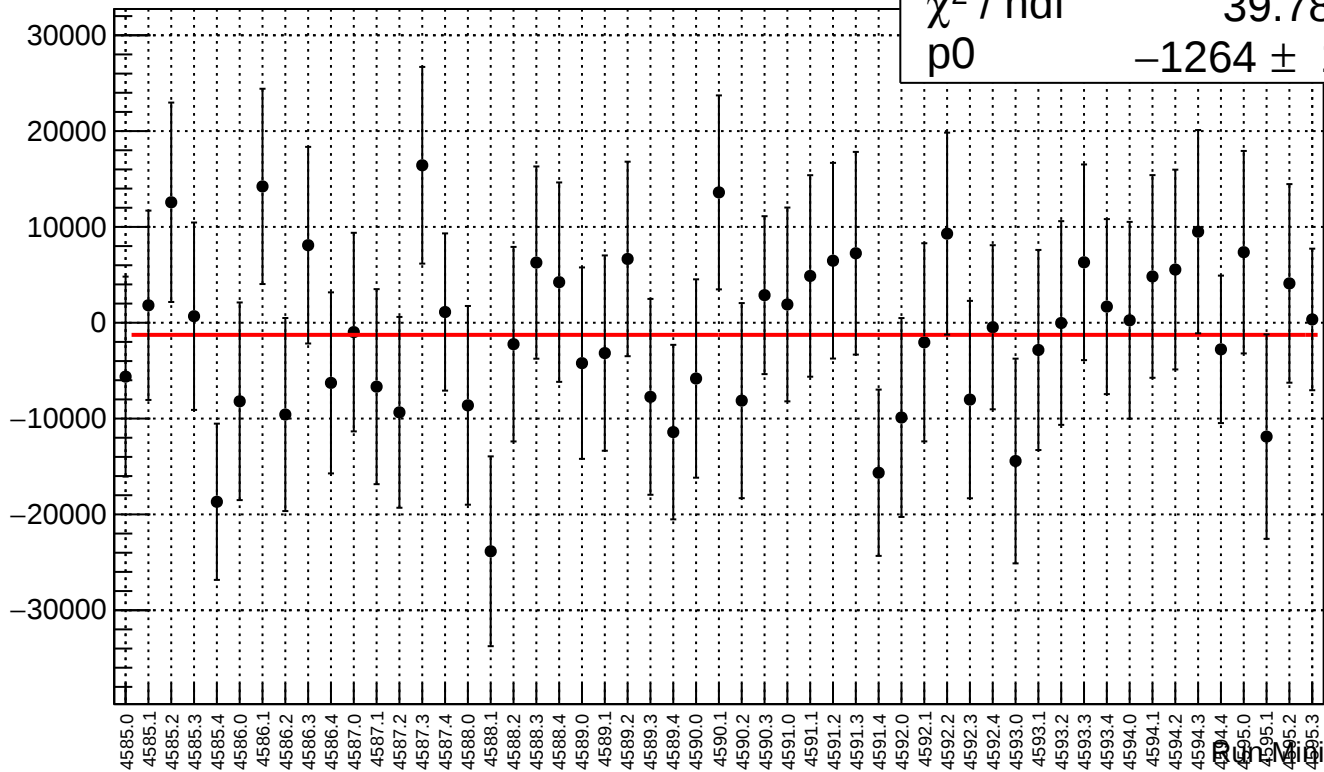
-2127 ± 2393



asym_atr1.mean/ppb

χ^2 / ndf
p0

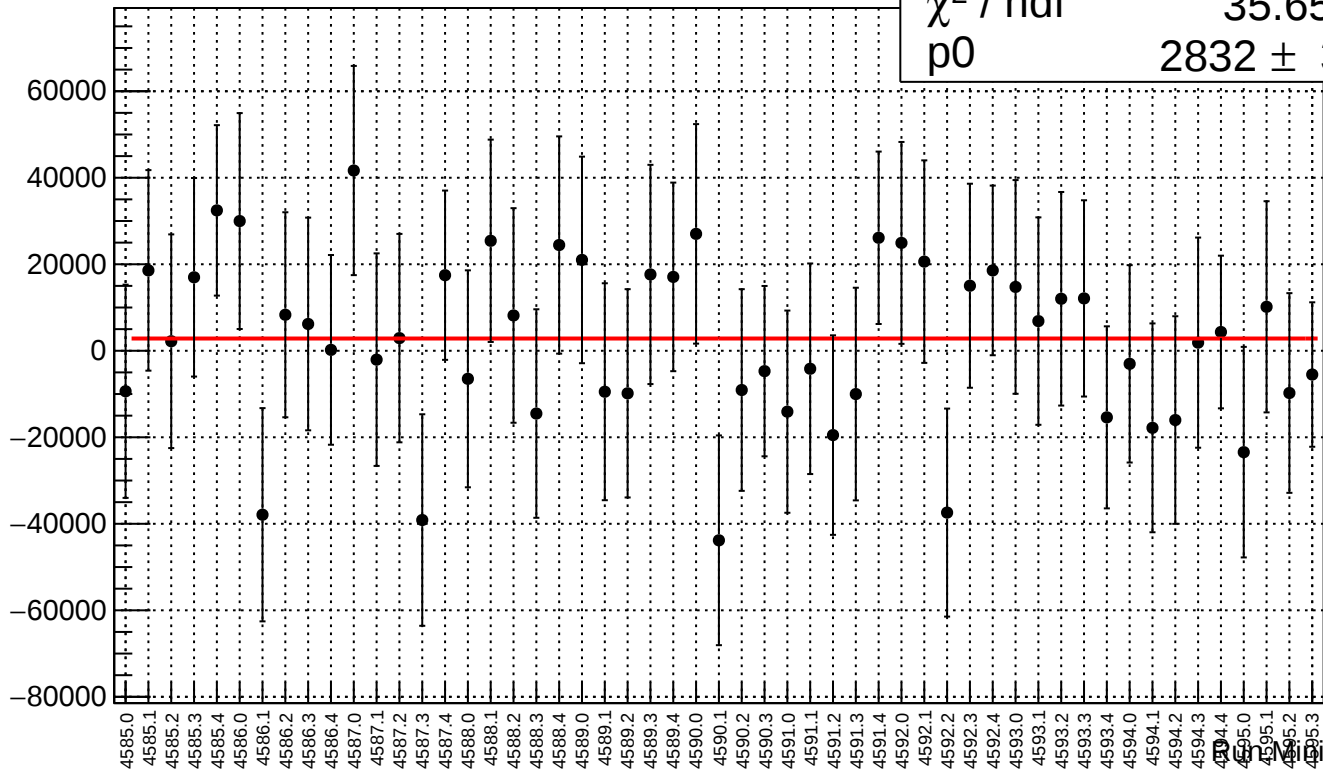
39.78 / 52
 -1264 ± 1350



asym_atr2.mean/ppb

χ^2 / ndf
p0

35.65 / 52
 2832 ± 3159



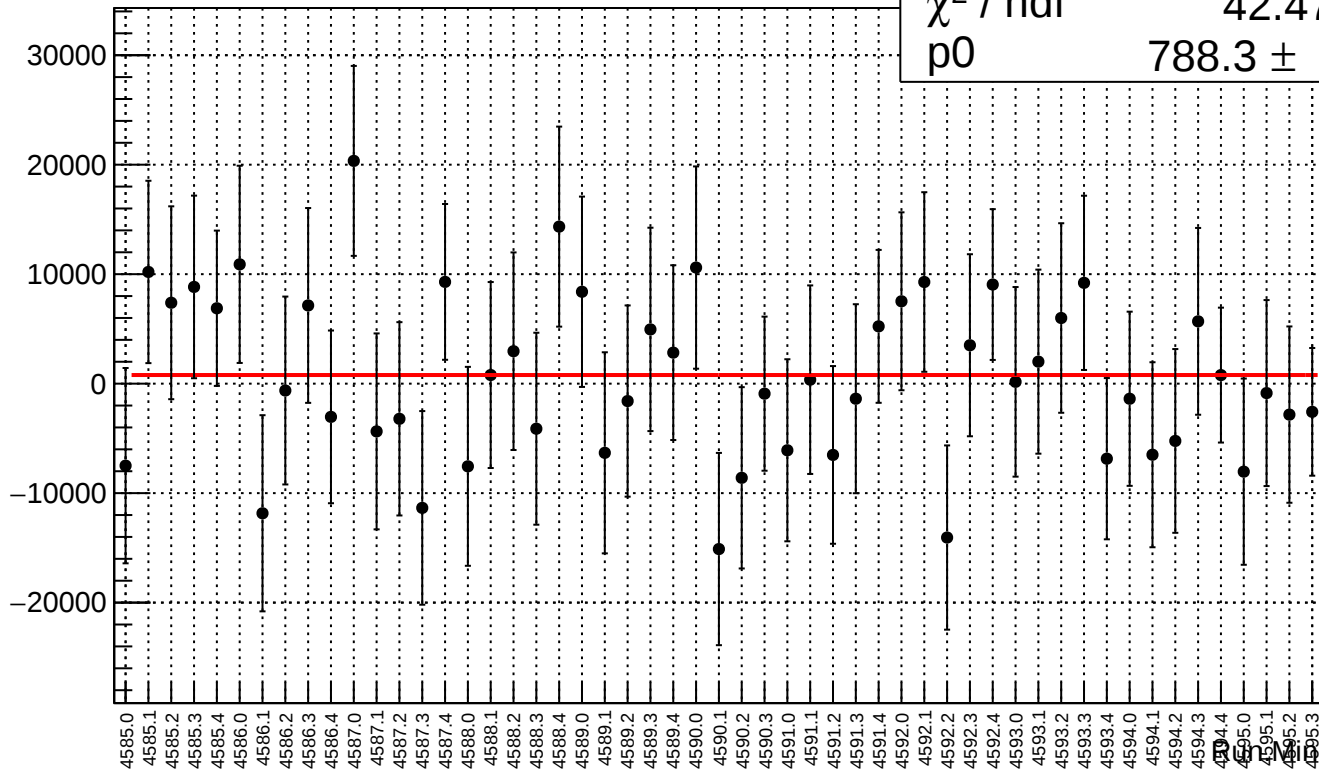
asym_atr_avg.mean/ppb

χ^2 / ndf

42.47 / 52

p0

788.3 ± 1126

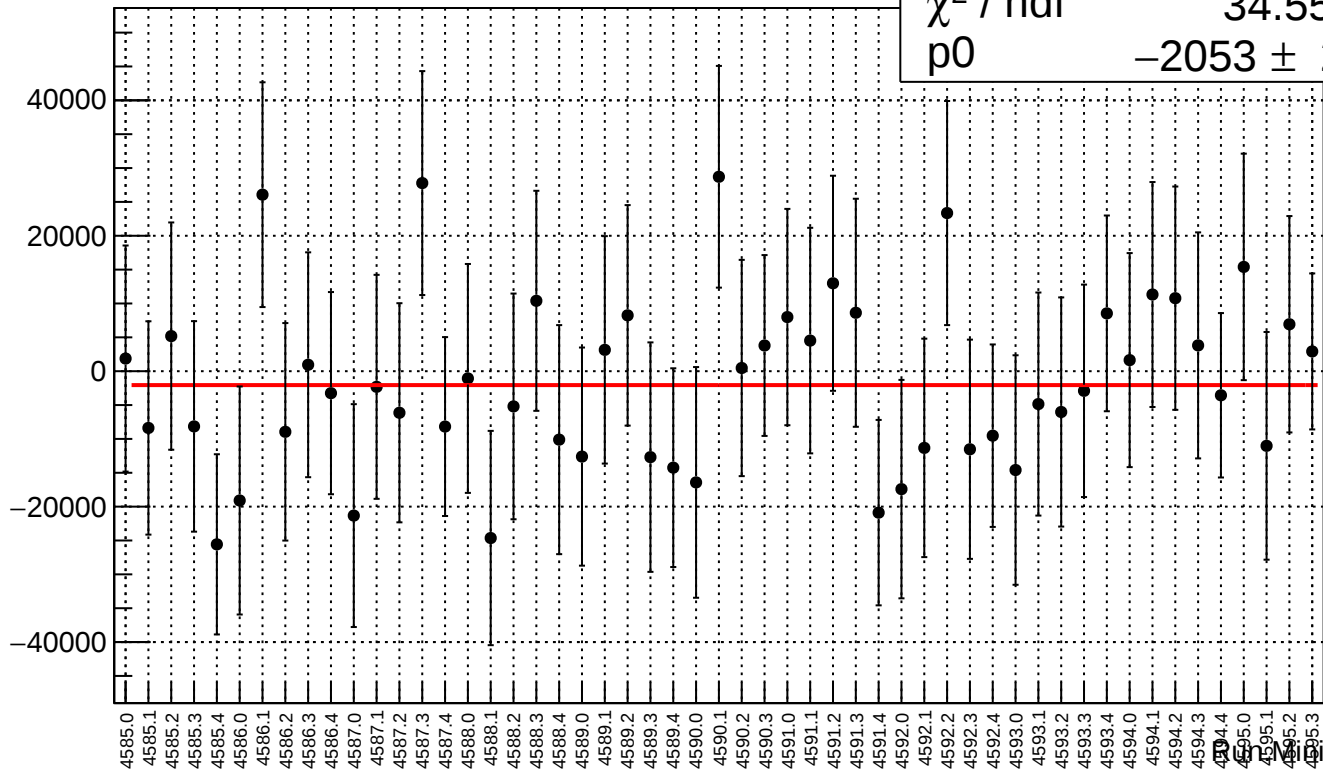


asym_atr_dd.mean/ppb

χ^2 / ndf
p0

34.55 / 52

-2053 ± 2152



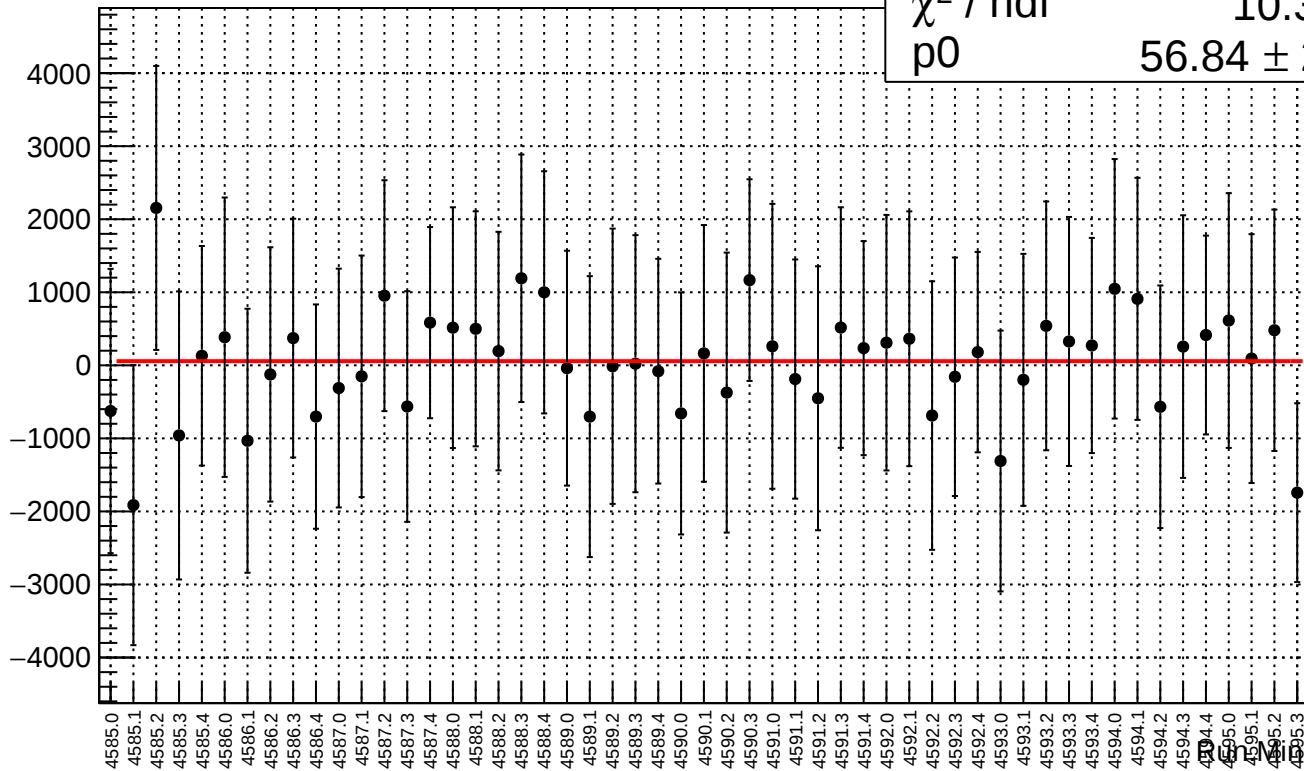
asym_bcm_an_ds3.mean/ppb

χ^2 / ndf

10.3 / 52

p0

56.84 ± 227.1



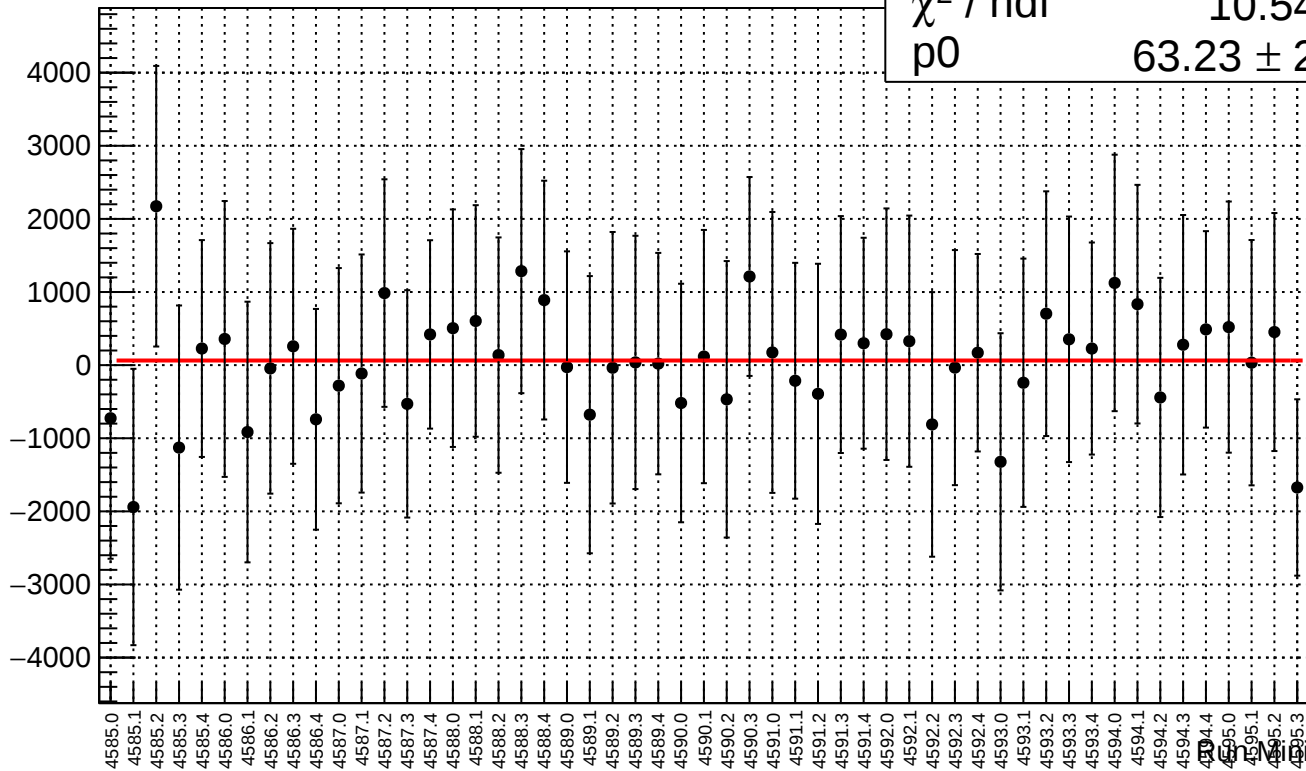
asym_bcm_an_ds.mean/ppb

χ^2 / ndf

10.54 / 52

p0

63.23 ± 223.8

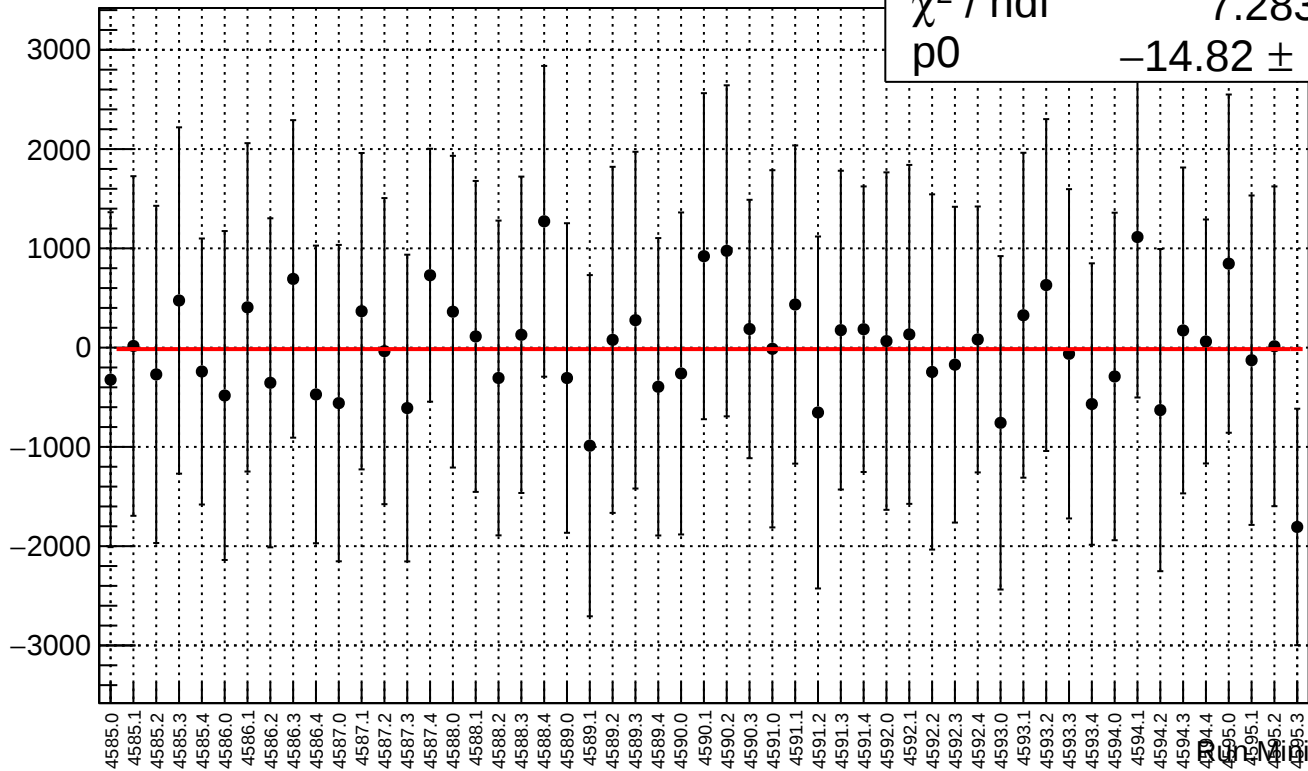


asym_bcm_an_us.mean/ppb

χ^2 / ndf
p0

7.283 / 52

-14.82 ± 216



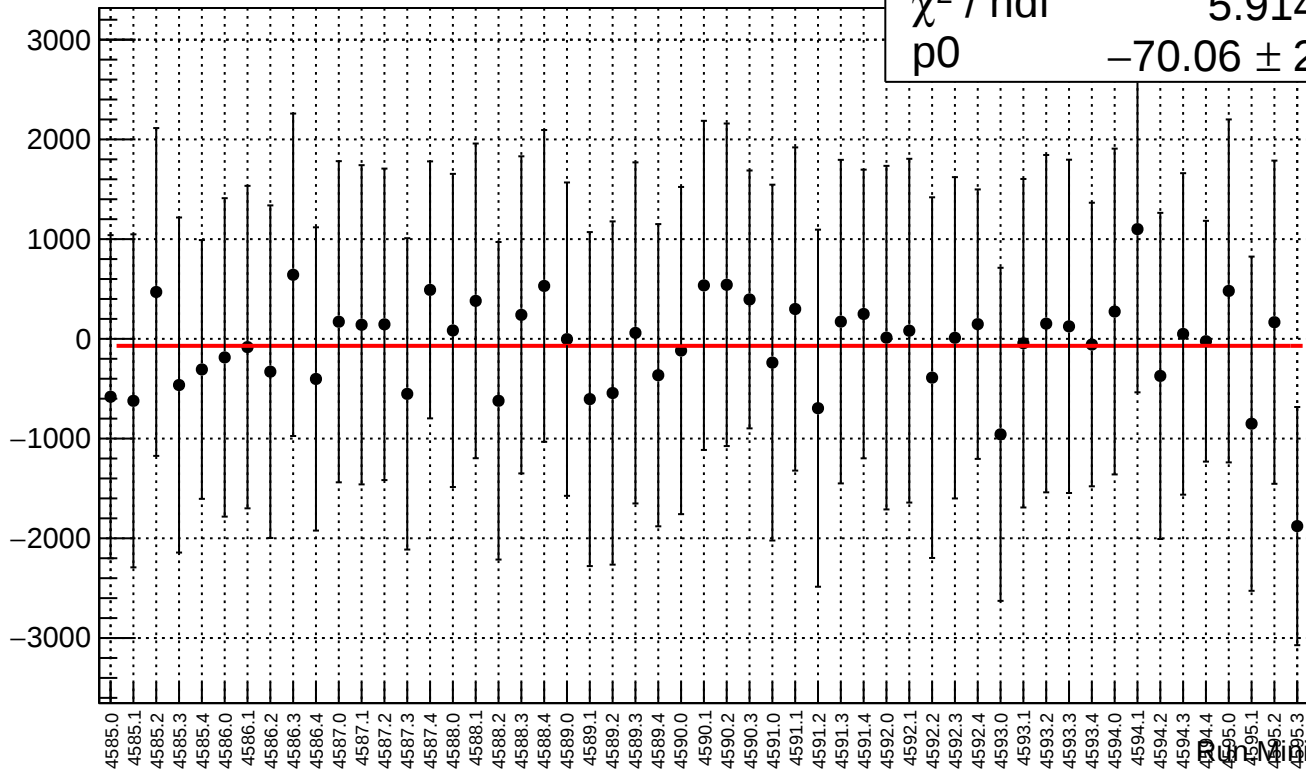
asym_bcm_dg_ds.mean/ppb

χ^2 / ndf

5.914 / 52

p0

-70.06 ± 215.7

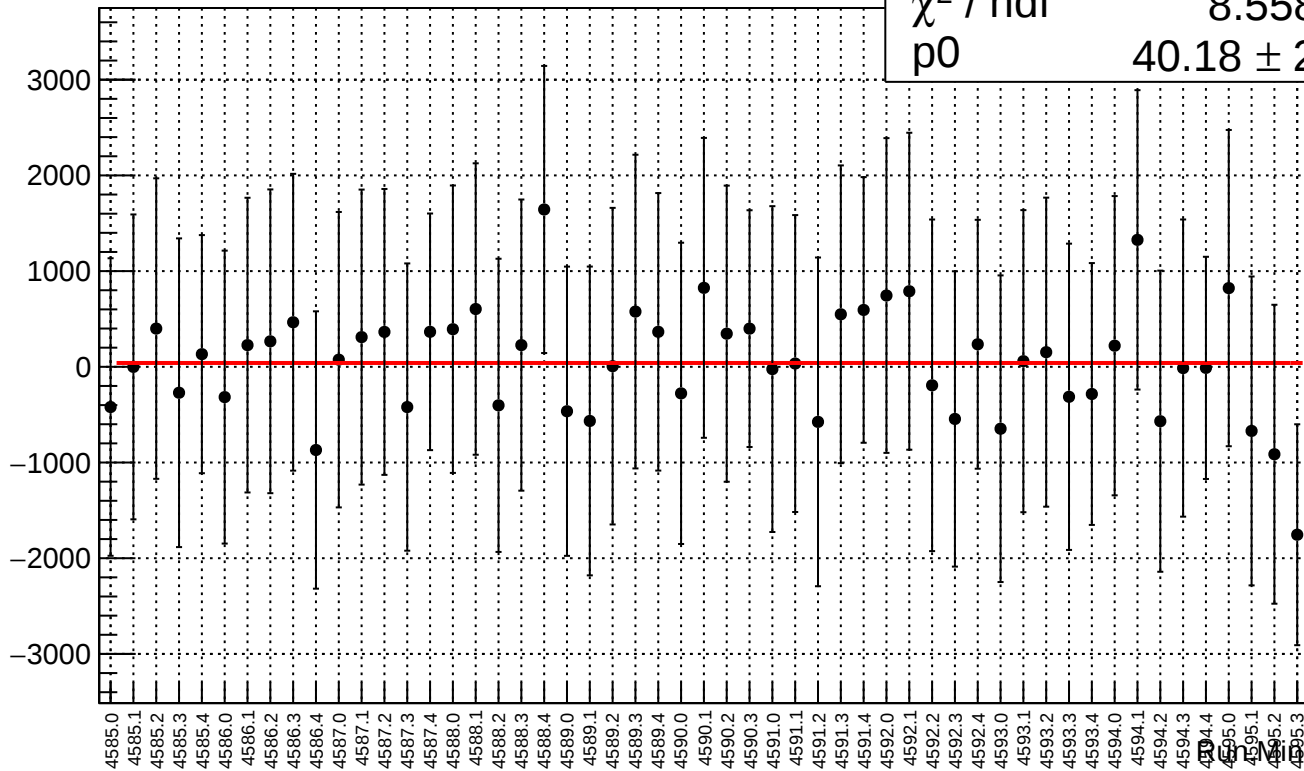


asym_bcm_dg_us.mean/ppb

χ^2 / ndf
p0

8.558 / 52

40.18 ± 206.9

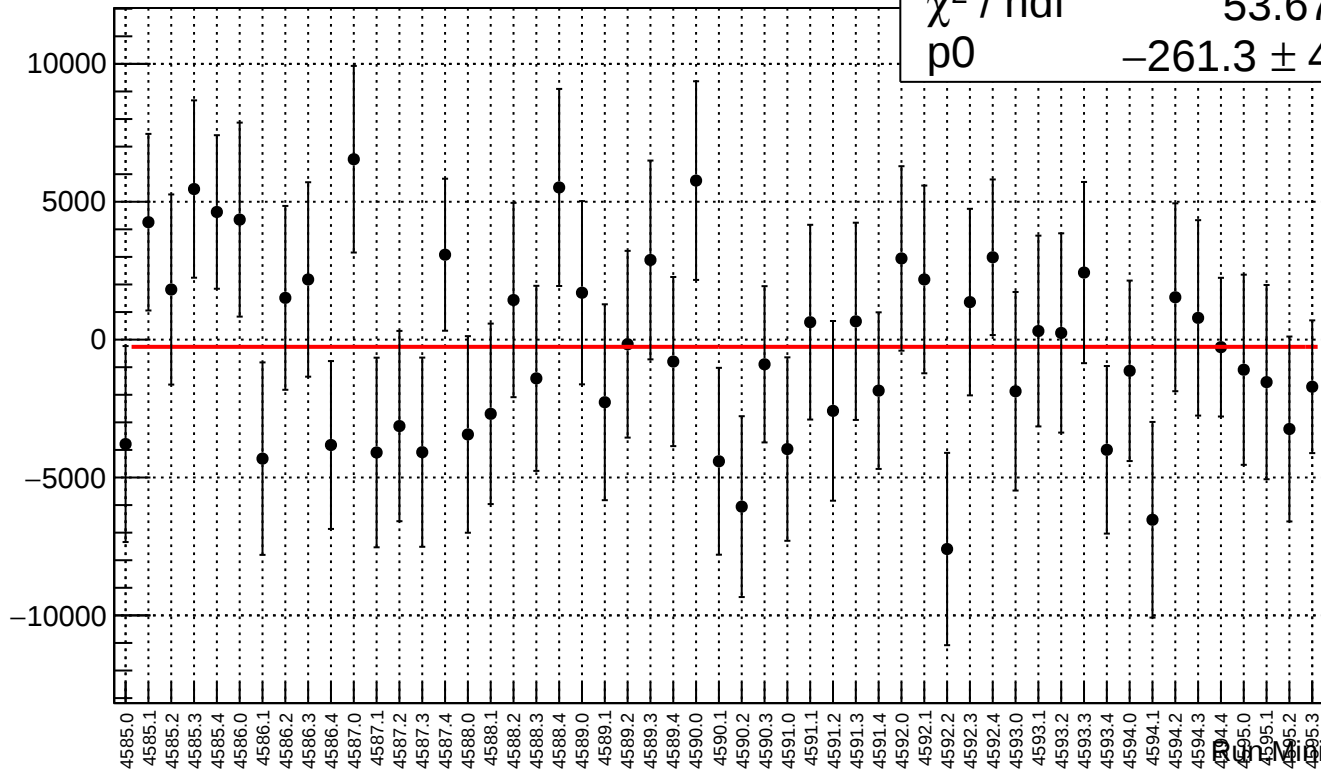


asym_ds_avg.mean/ppb

χ^2 / ndf
p0

53.67 / 52

-261.3 ± 449.9



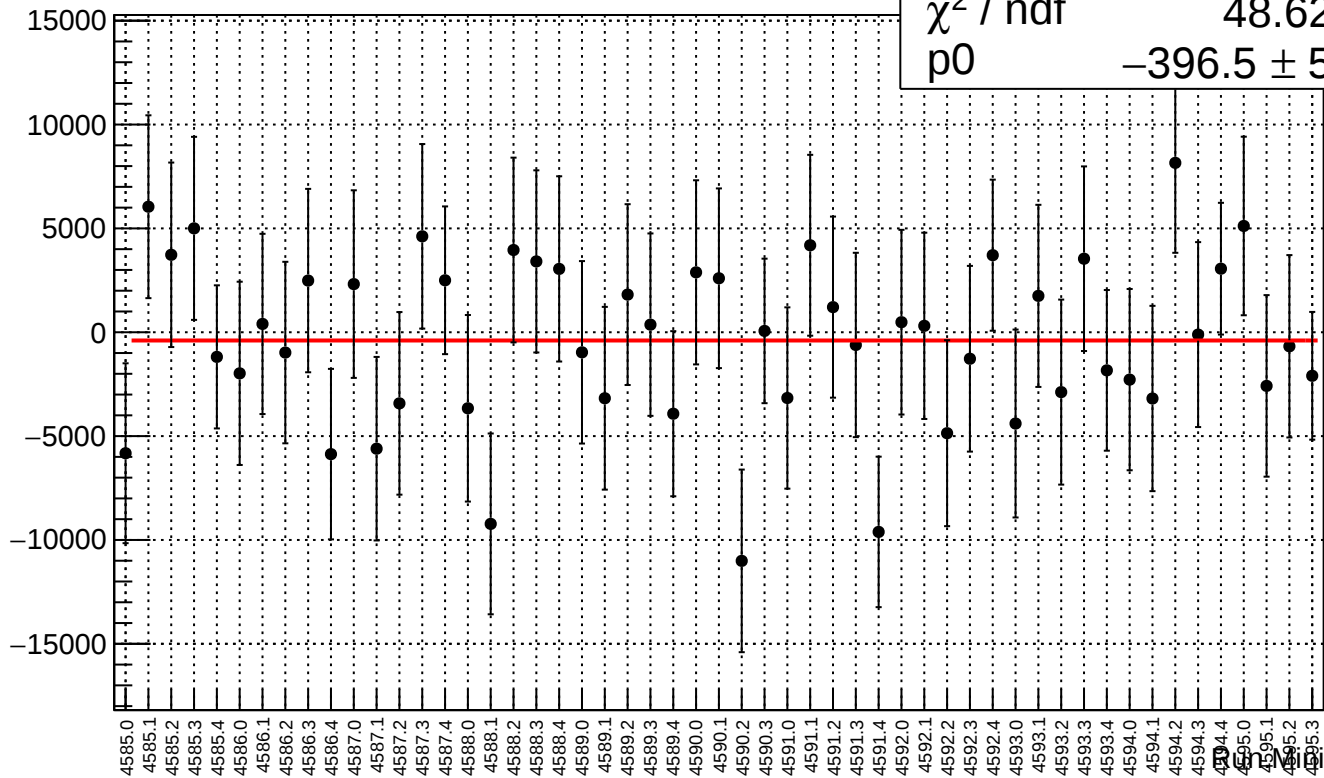
asym_ds_dd.mean/ppb

χ^2 / ndf

48.62 / 52

p0

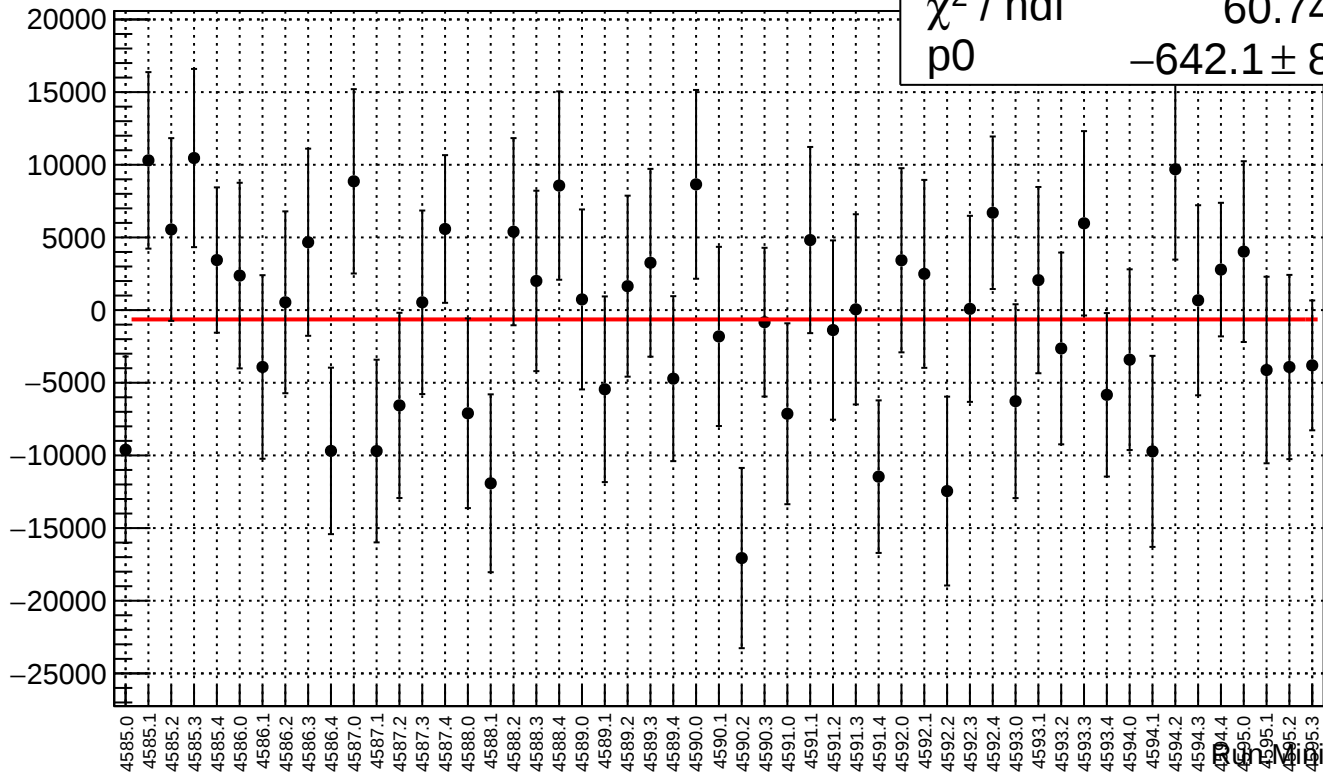
-396.5 ± 576.8



asym_dsl.mean/ppb

χ^2 / ndf
p0

60.74 / 52
 -642.1 ± 831.2



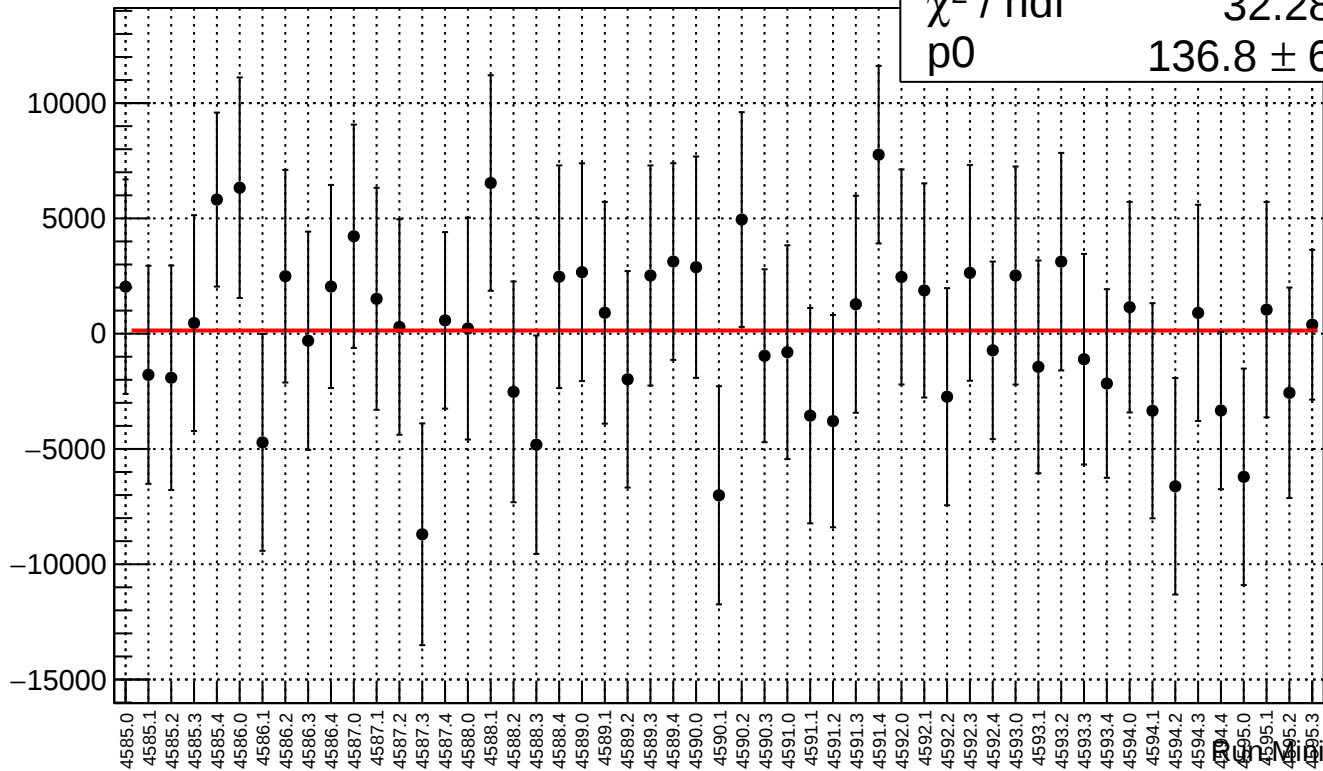
asym_dsr.mean/ppb

χ^2 / ndf

32.28 / 52

p0

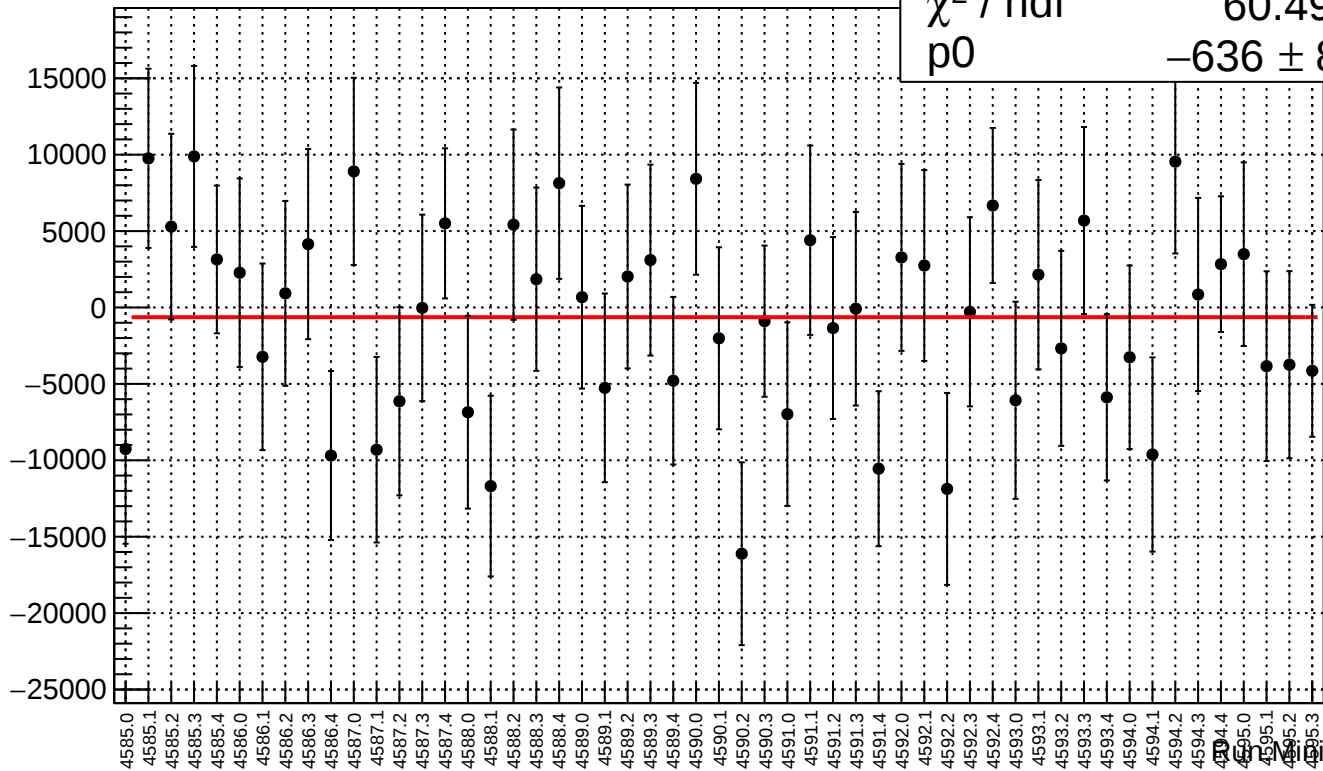
136.8 ± 616.2



asym_left_avg.mean/ppb

χ^2 / ndf
p0

60.49 / 52
 -636 ± 803.1



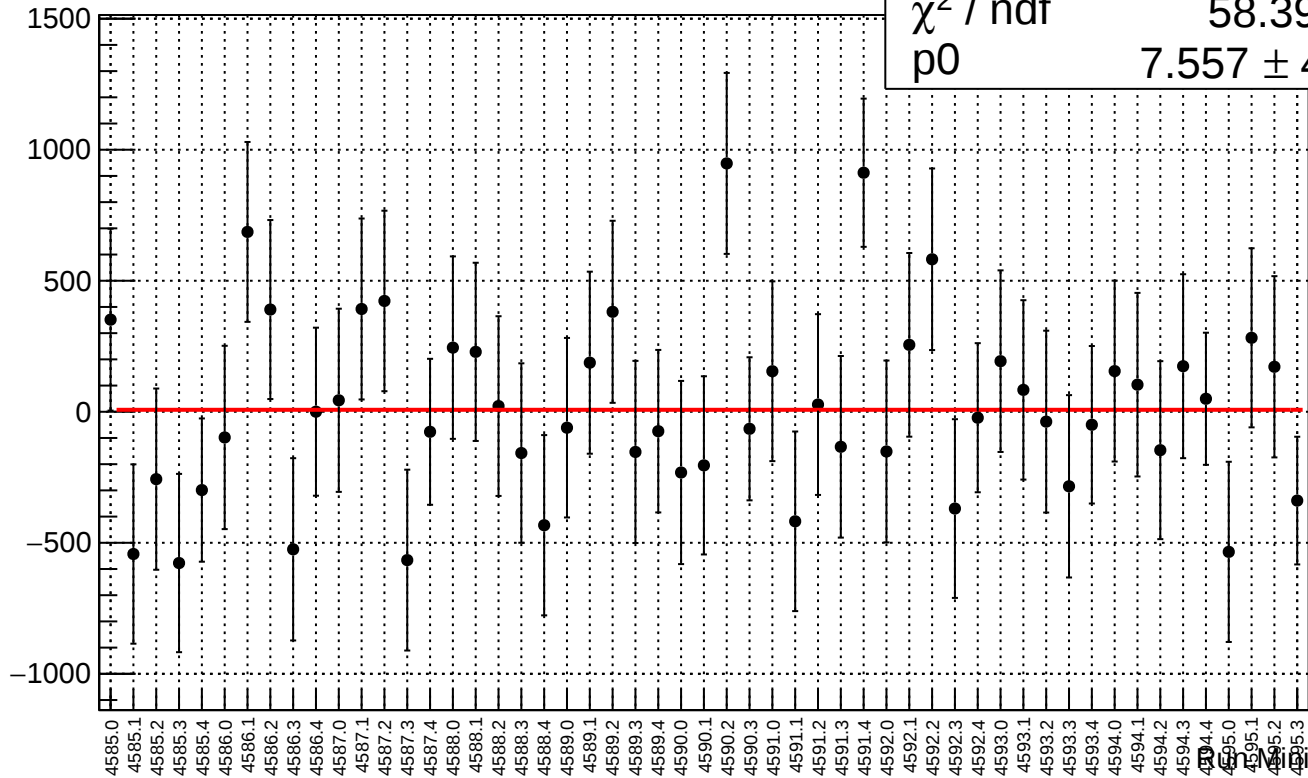
asym_left_dd.mean/ppb

χ^2 / ndf

58.39 / 52

p0

7.557 ± 45.21



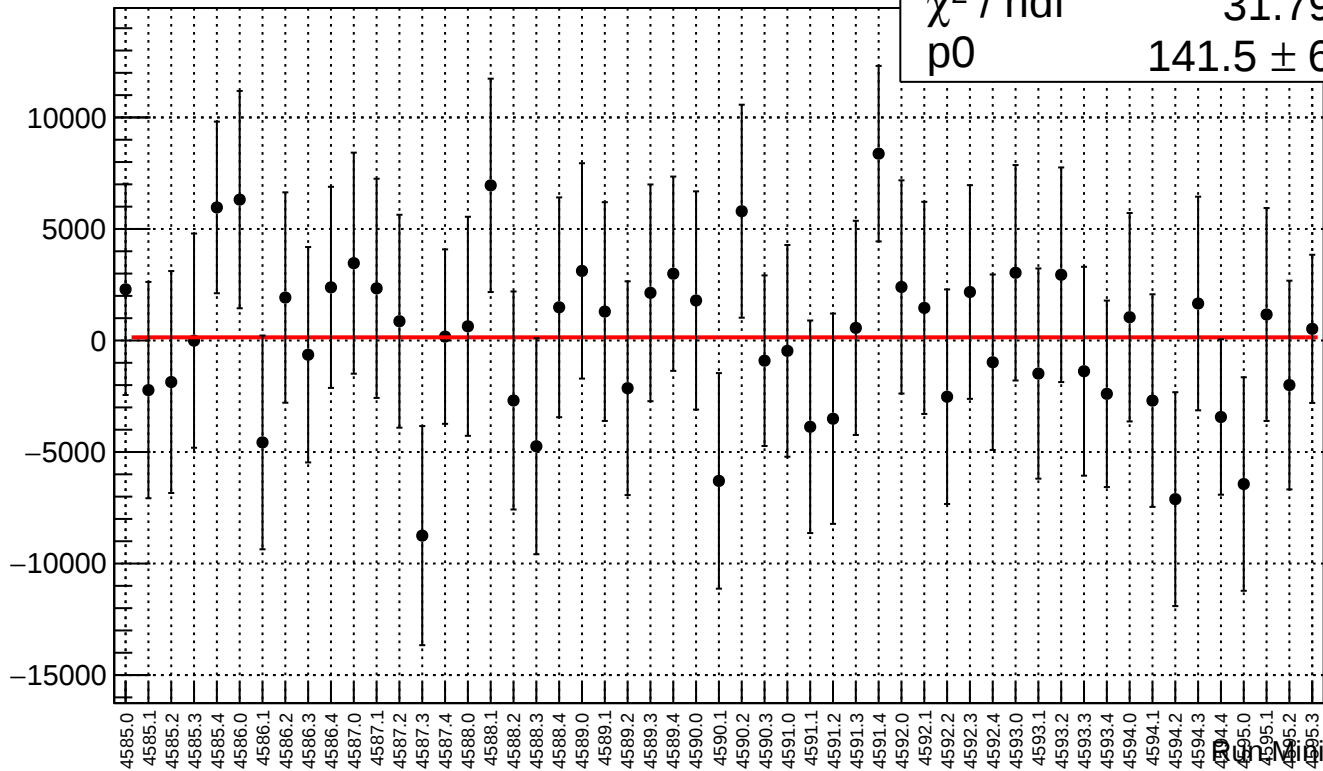
asym_right_avg.mean/ppb

χ^2 / ndf

31.79 / 52

p0

141.5 ± 629.6

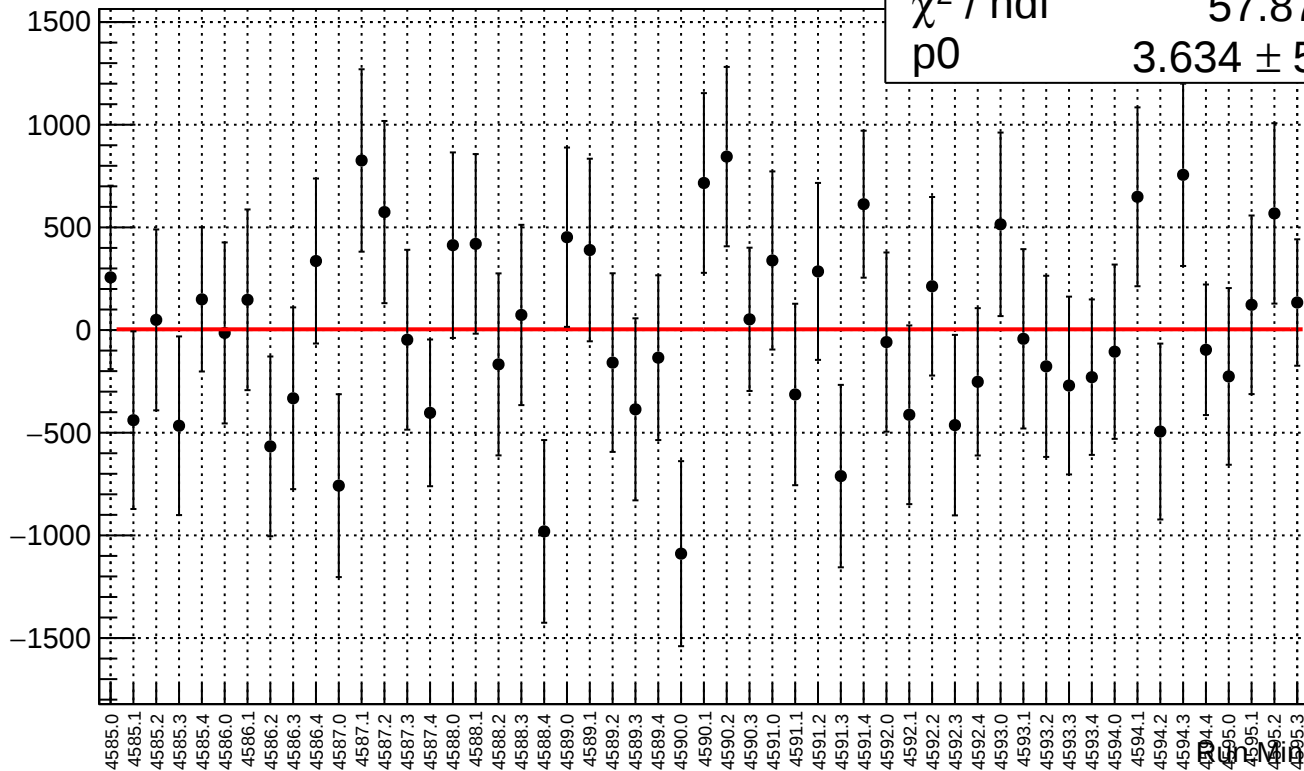


asym_right_dd.mean/ppb

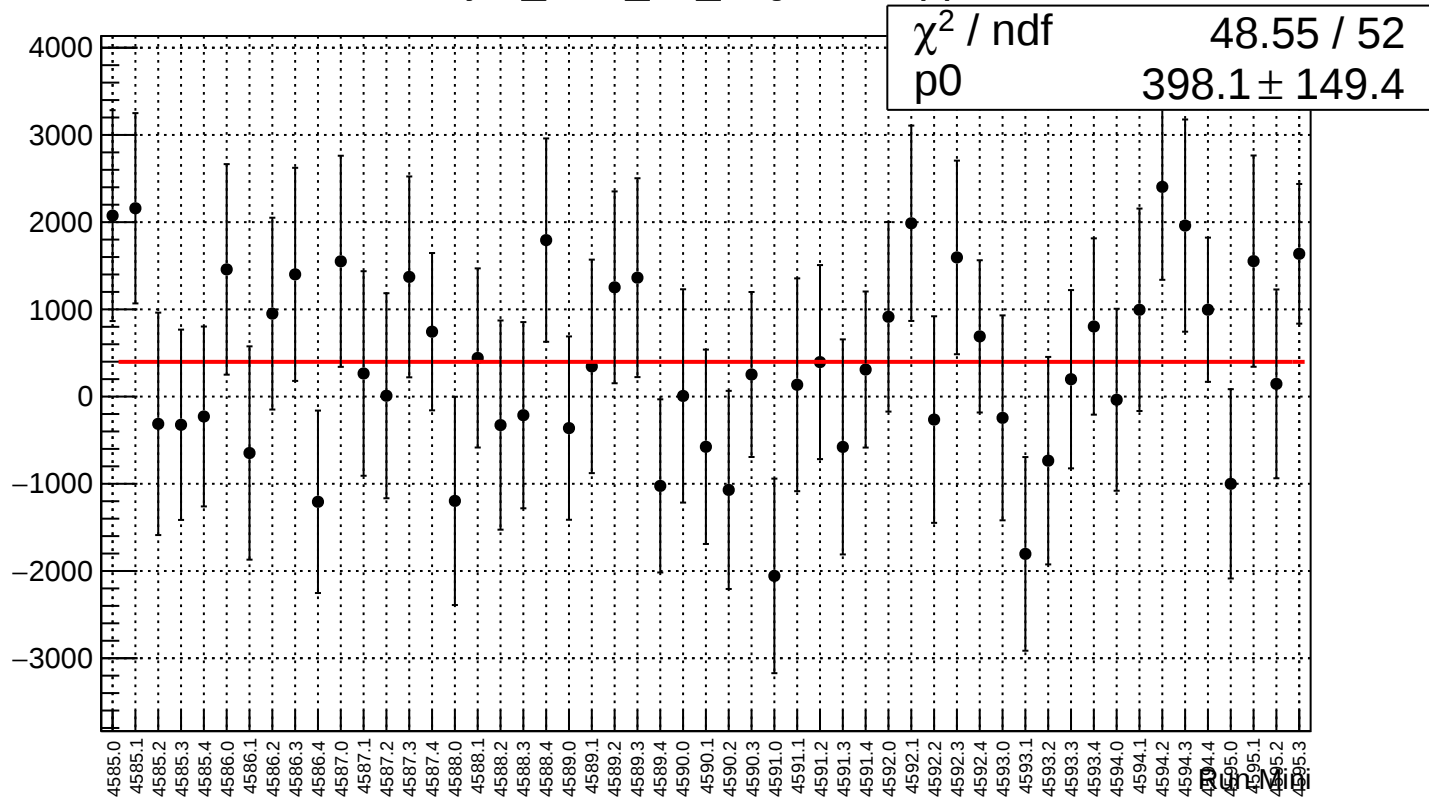
χ^2 / ndf
p0

57.87 / 52

3.634 ± 57.47



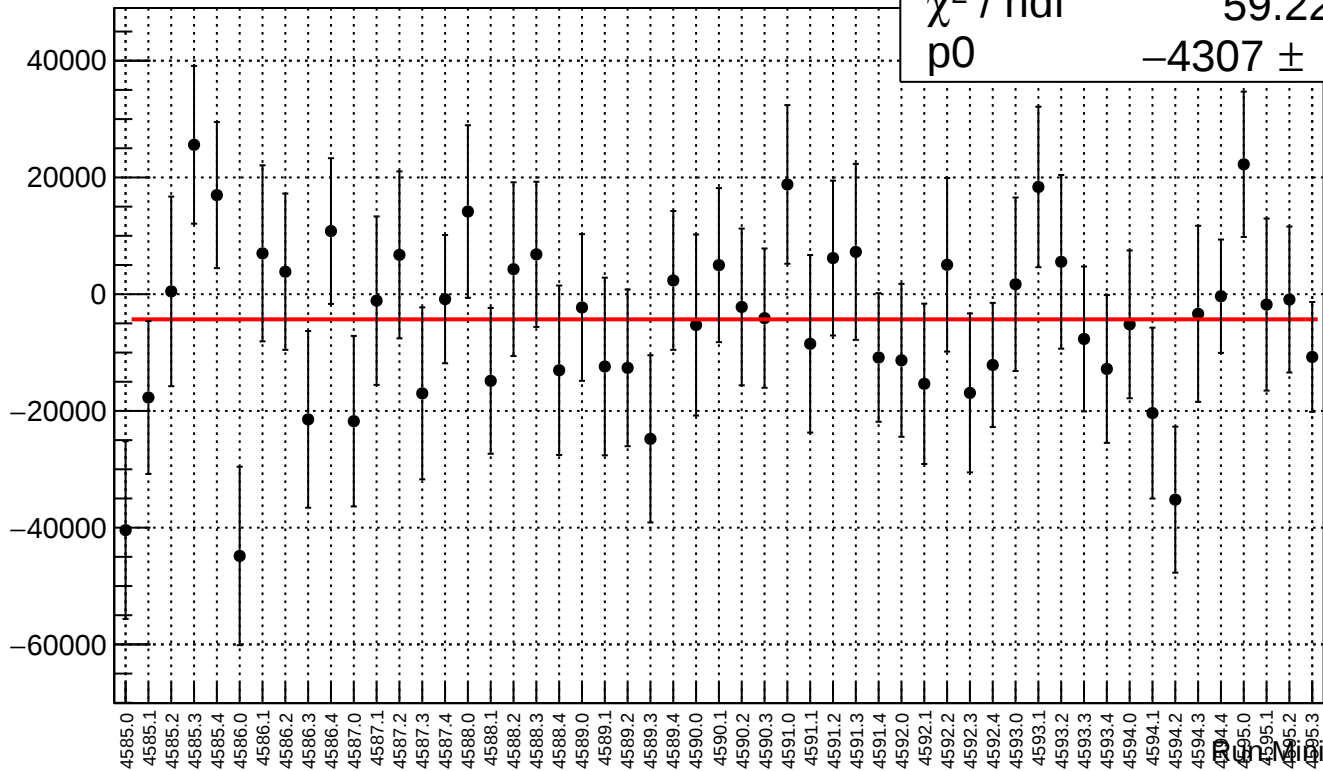
asym_sam_15_avg.mean/ppb



asym_sam_15_dd.mean/ppb

χ^2 / ndf
p0

59.22 / 52
 -4307 ± 1821

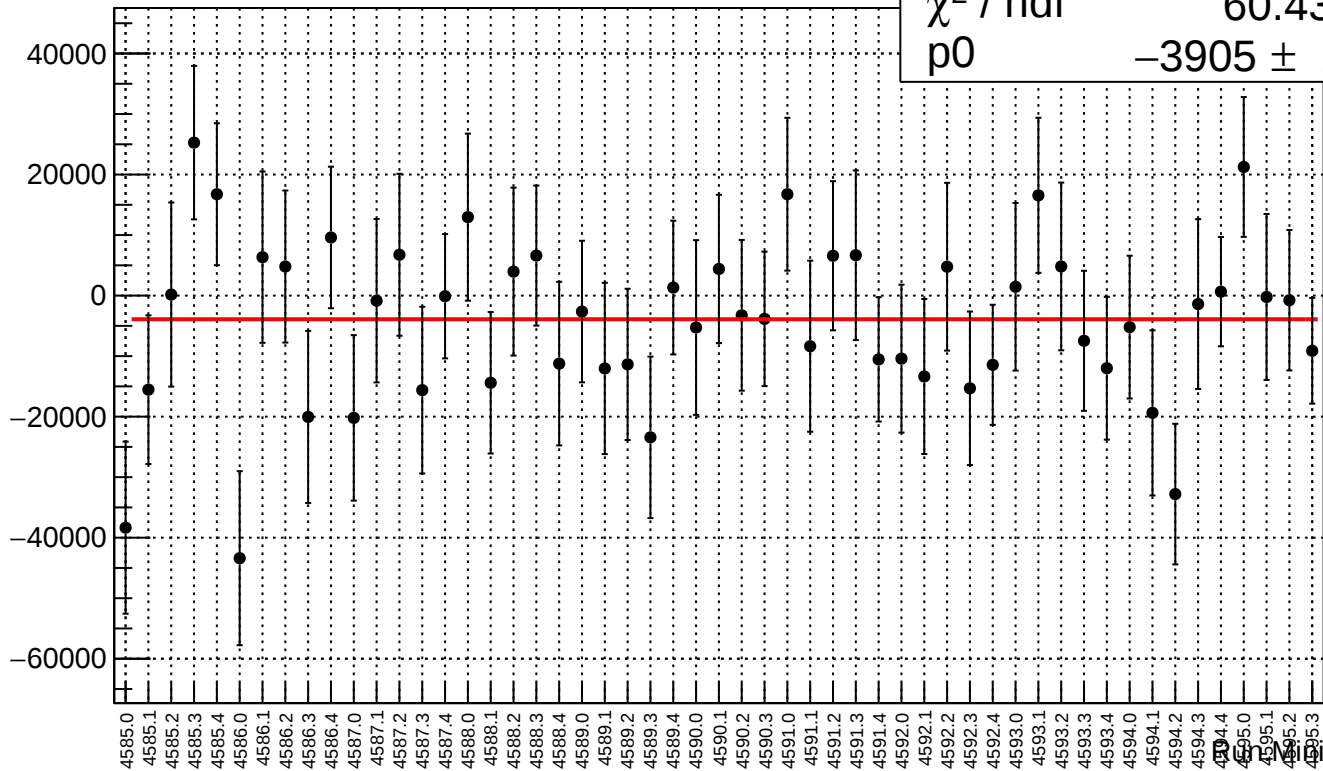


asym_sam1.mean/ppb

χ^2 / ndf
p0

60.43 / 52

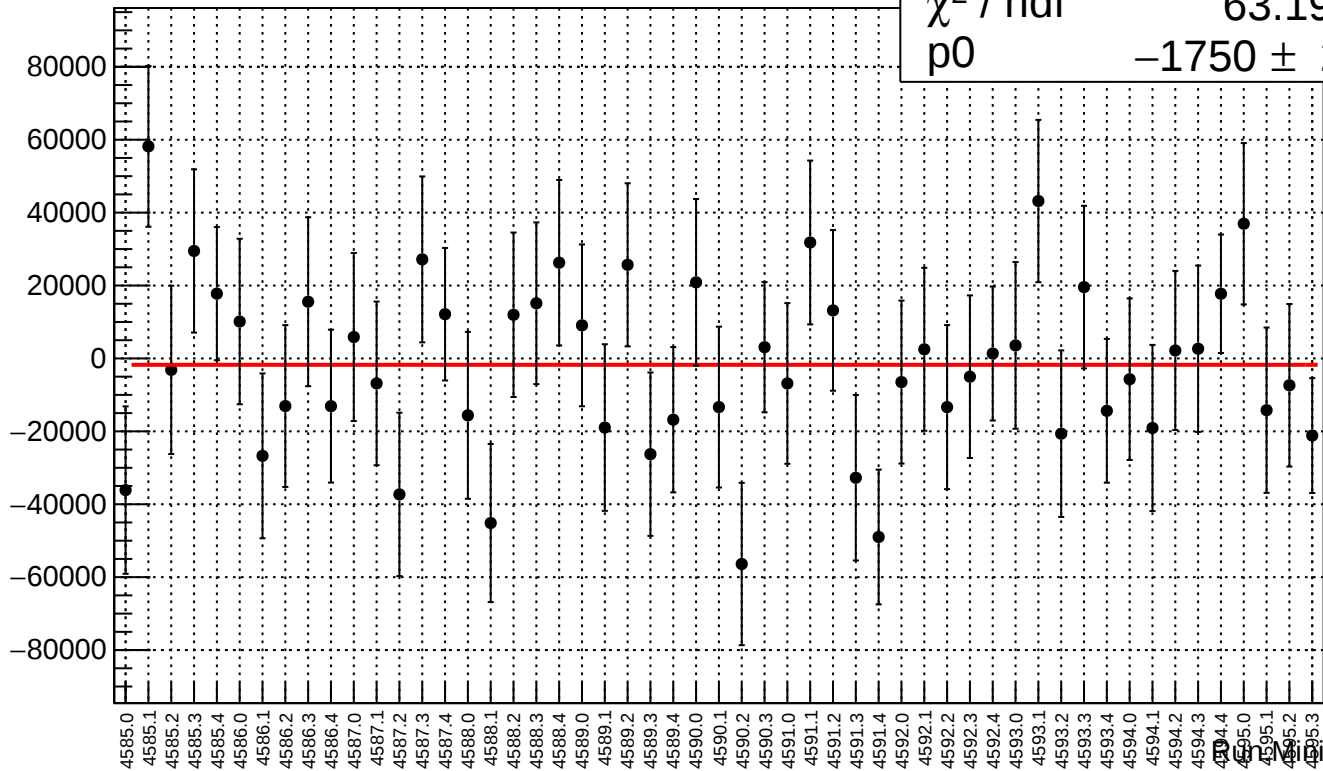
-3905 ± 1698



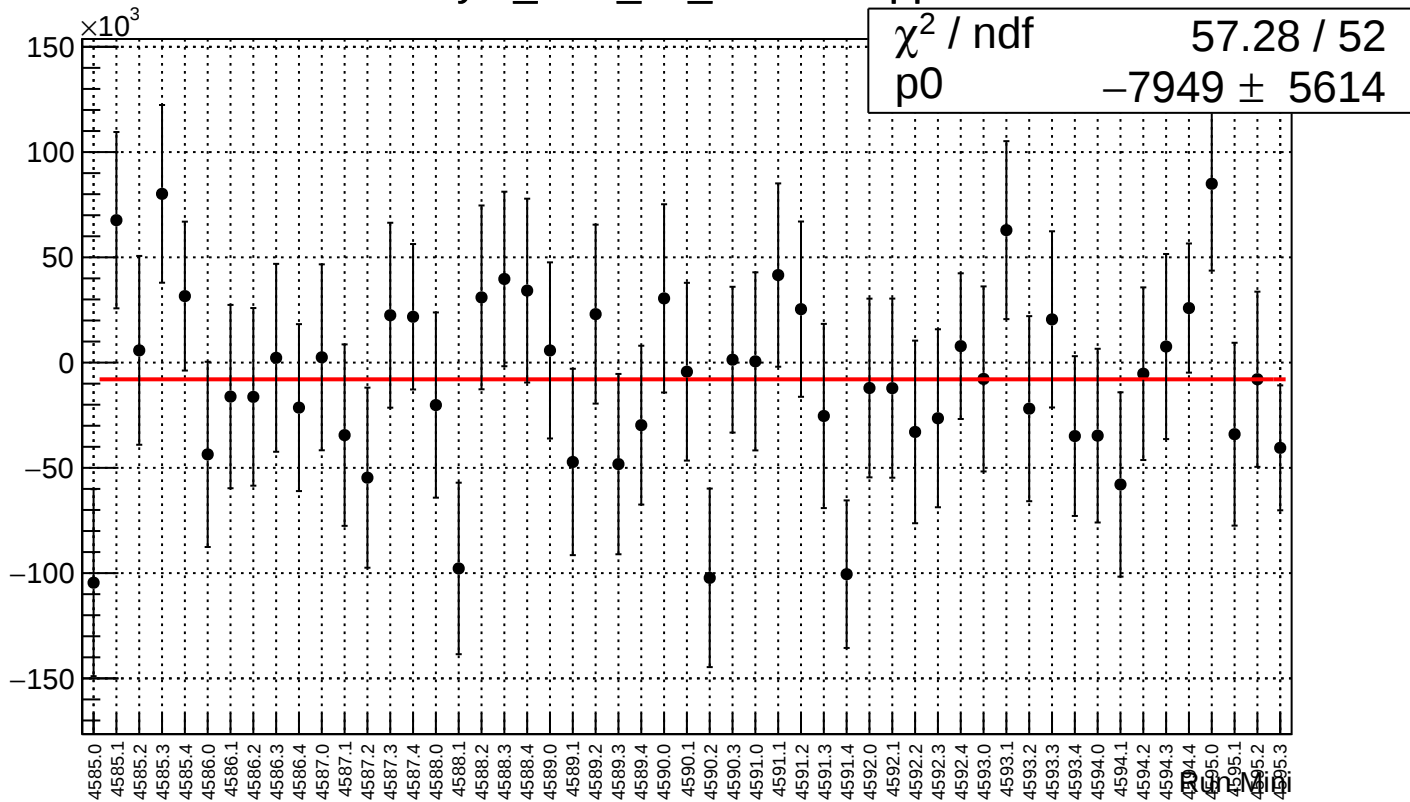
asym_sam_26_avg.mean/ppb

χ^2 / ndf
p0

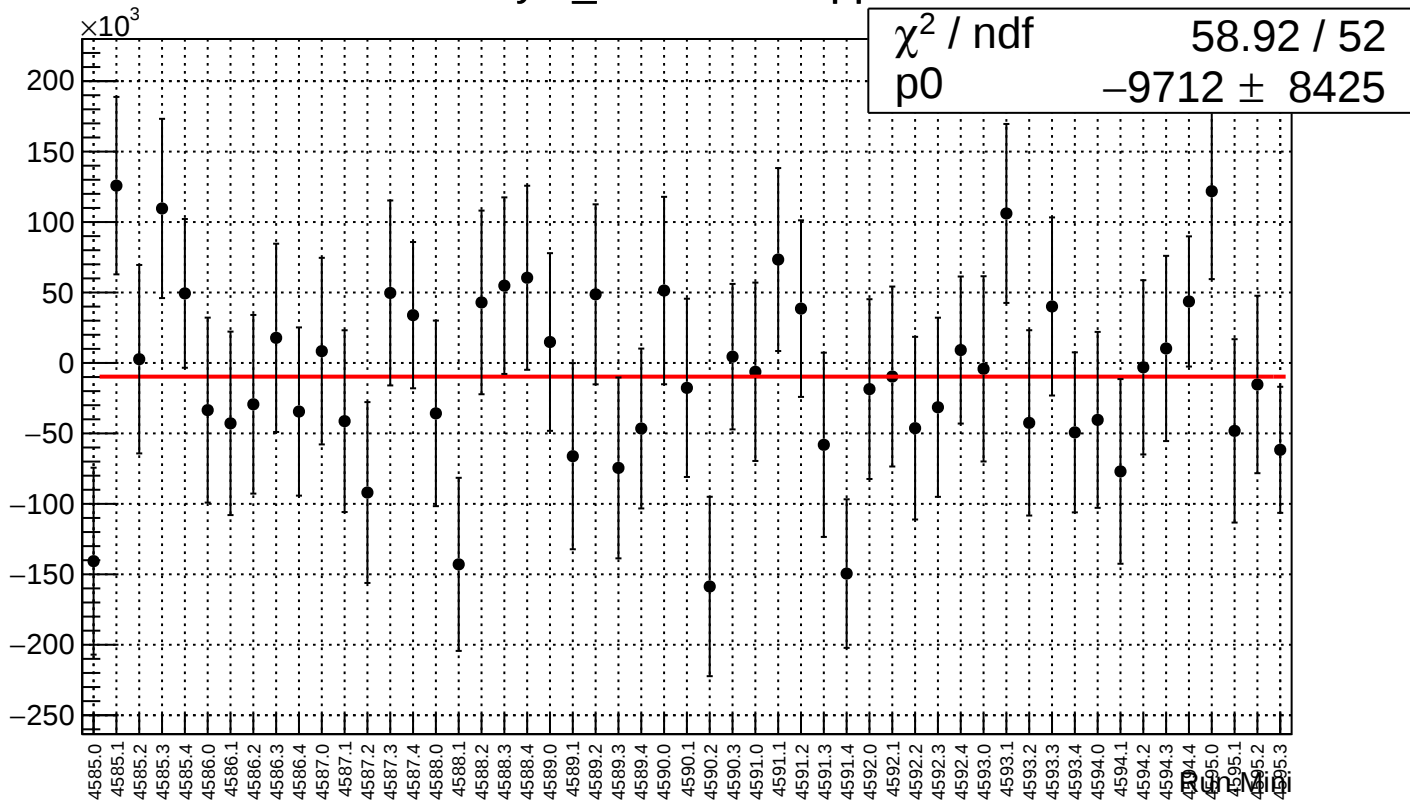
63.19 / 52
 -1750 ± 2944



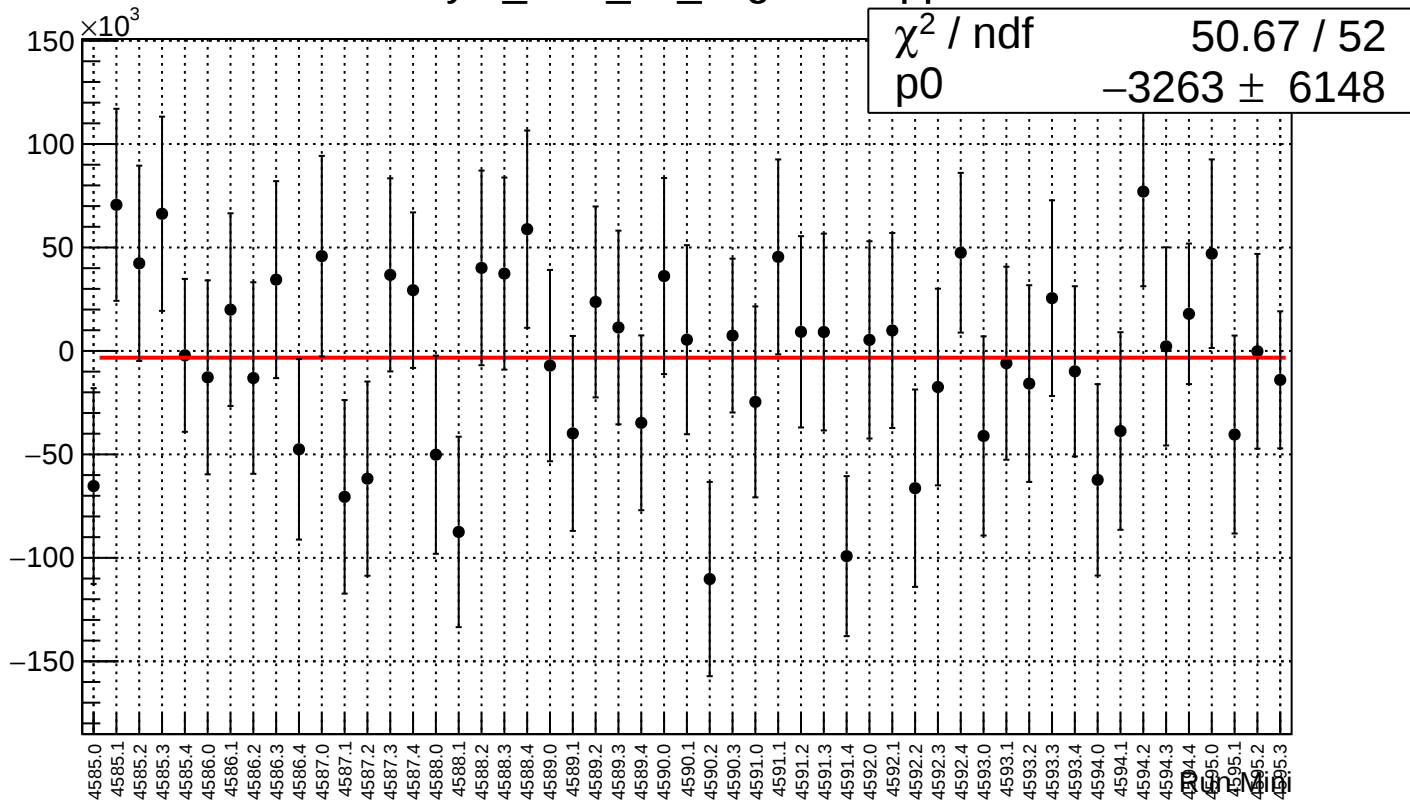
asym_sam_26_dd.mean/ppb



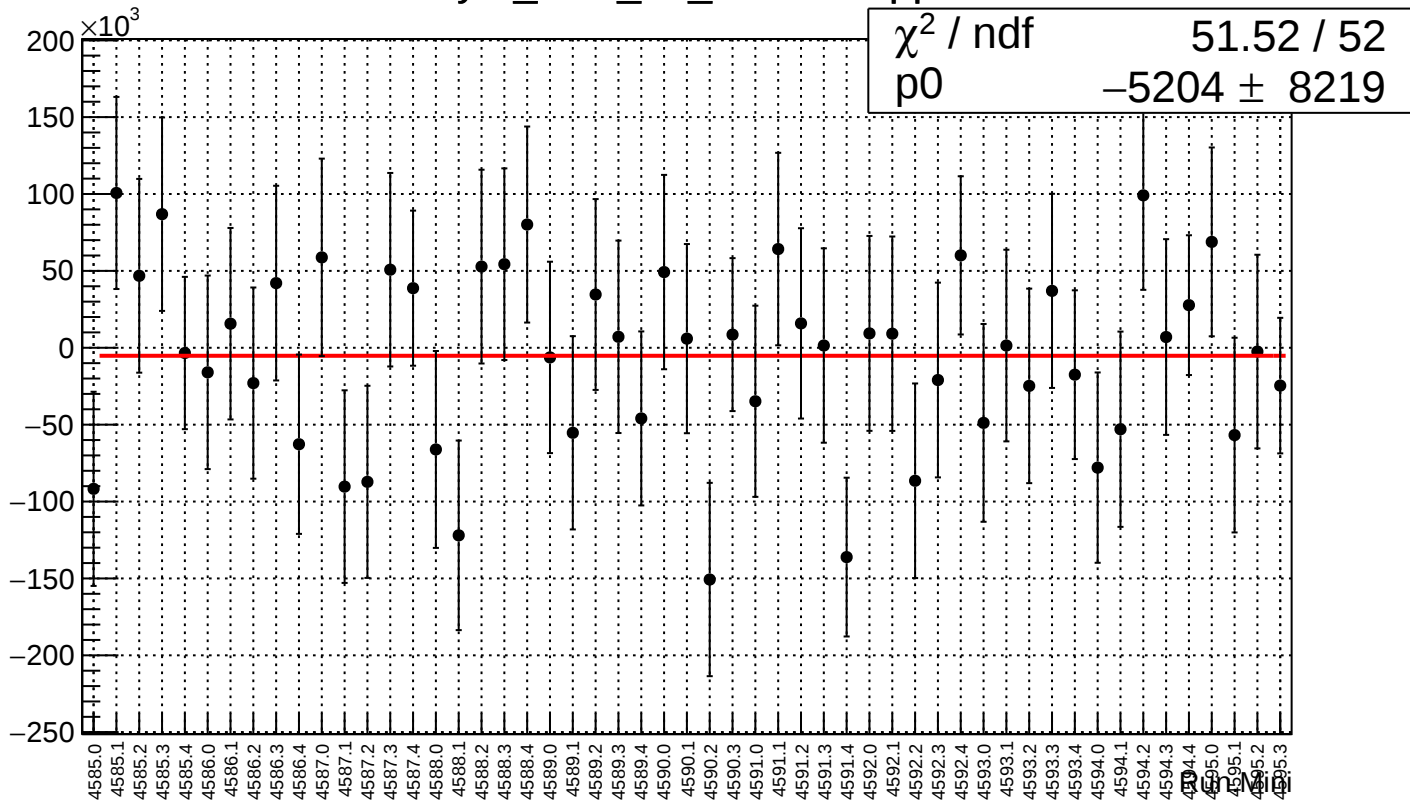
asym_sam2.mean/ppb



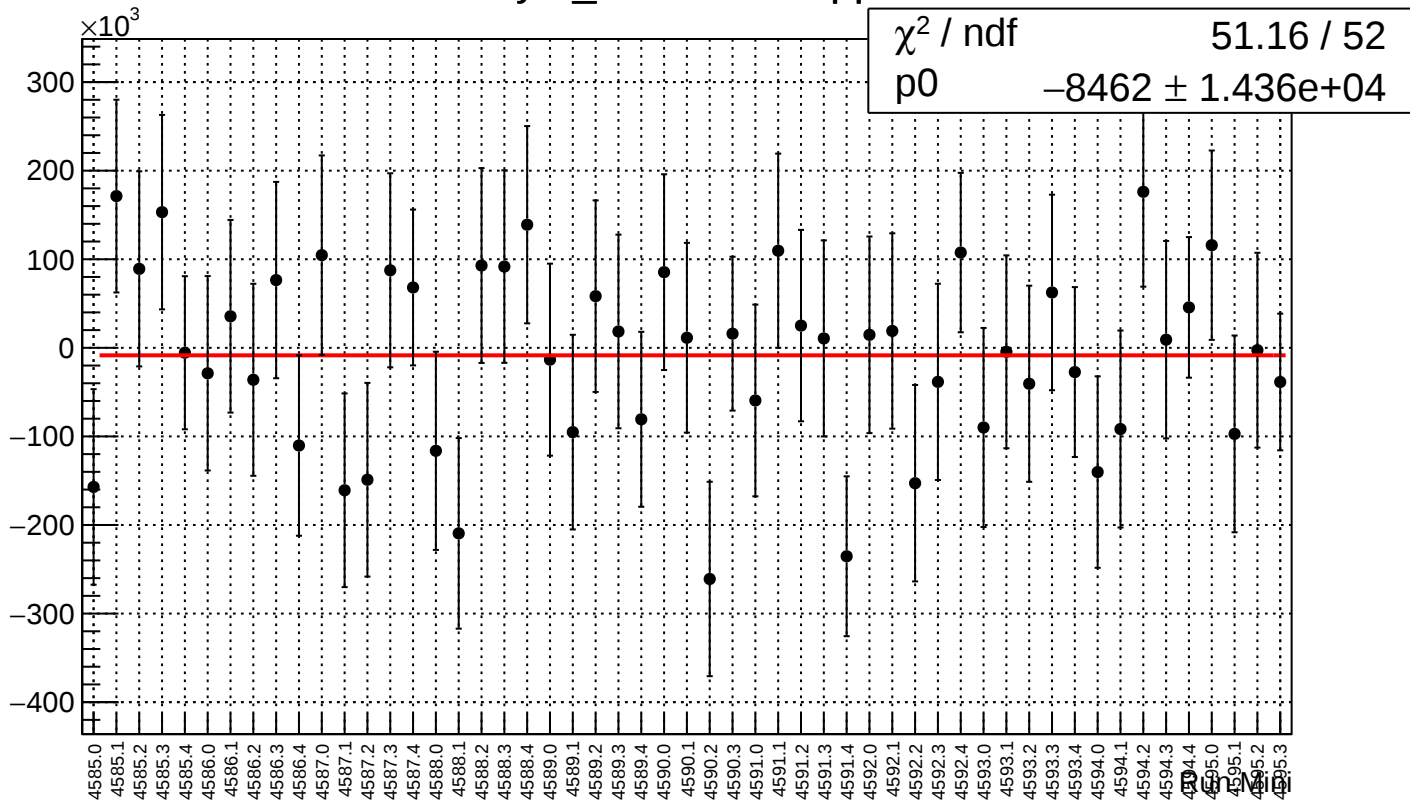
asym_sam_37_avg.mean/ppb



asym_sam_37_dd.mean/ppb



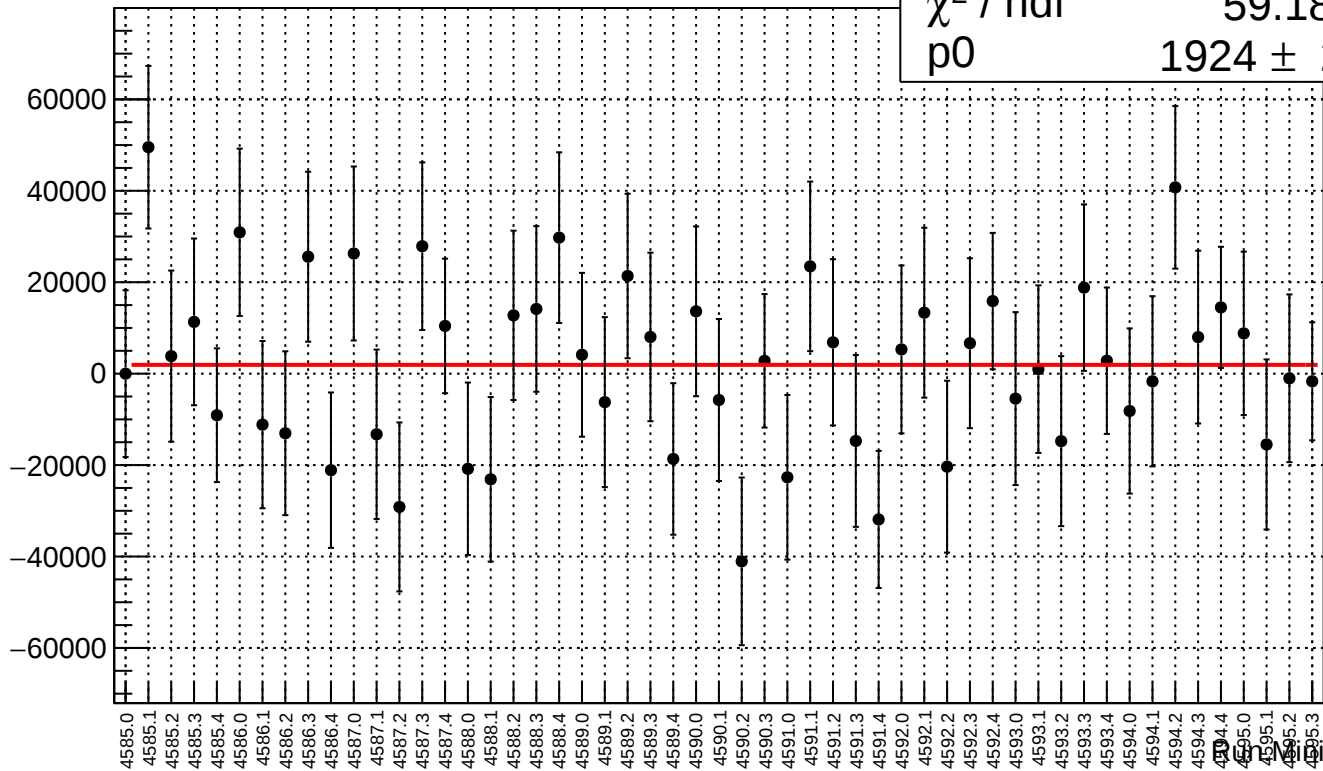
asym_sam3.mean/ppb



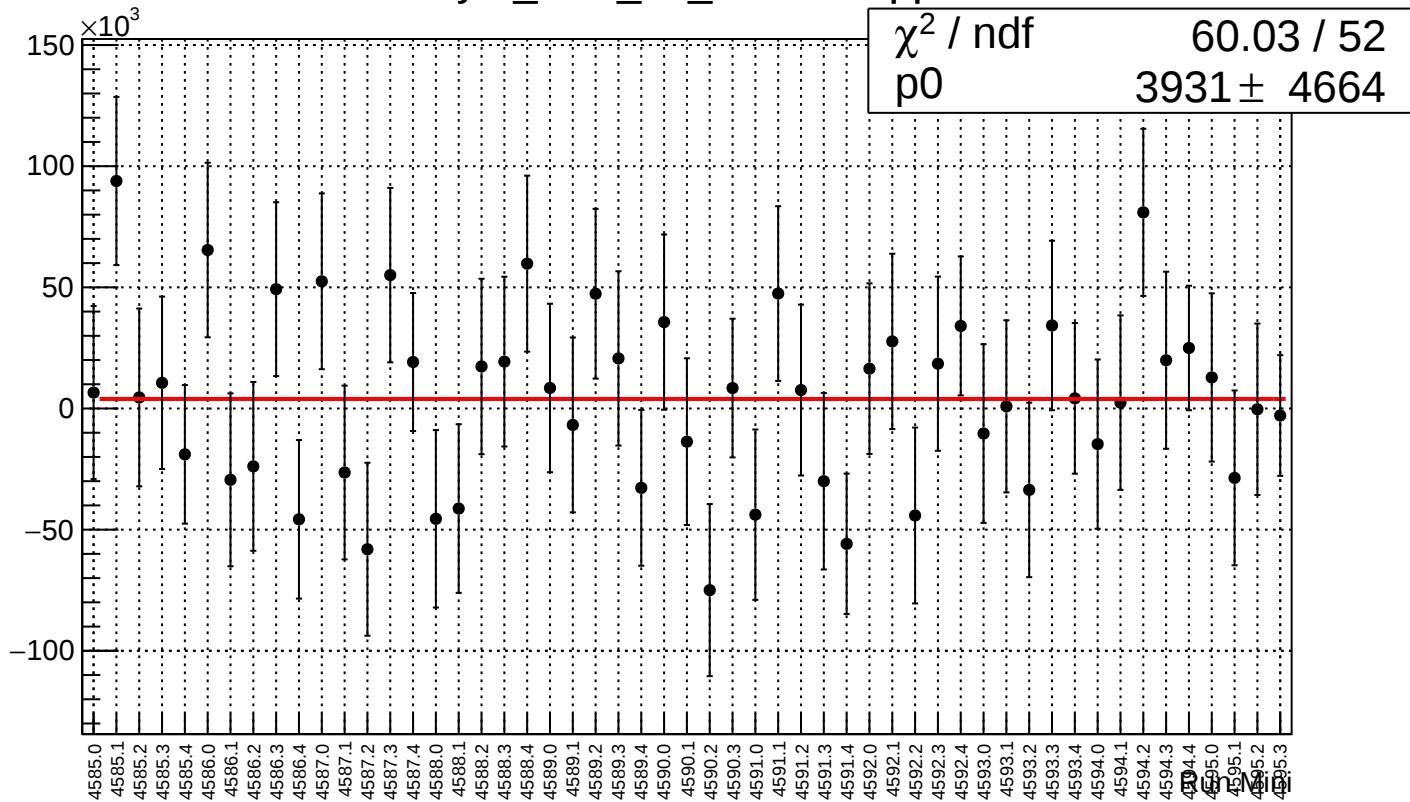
asym_sam_48_avg.mean/ppb

χ^2 / ndf
p0

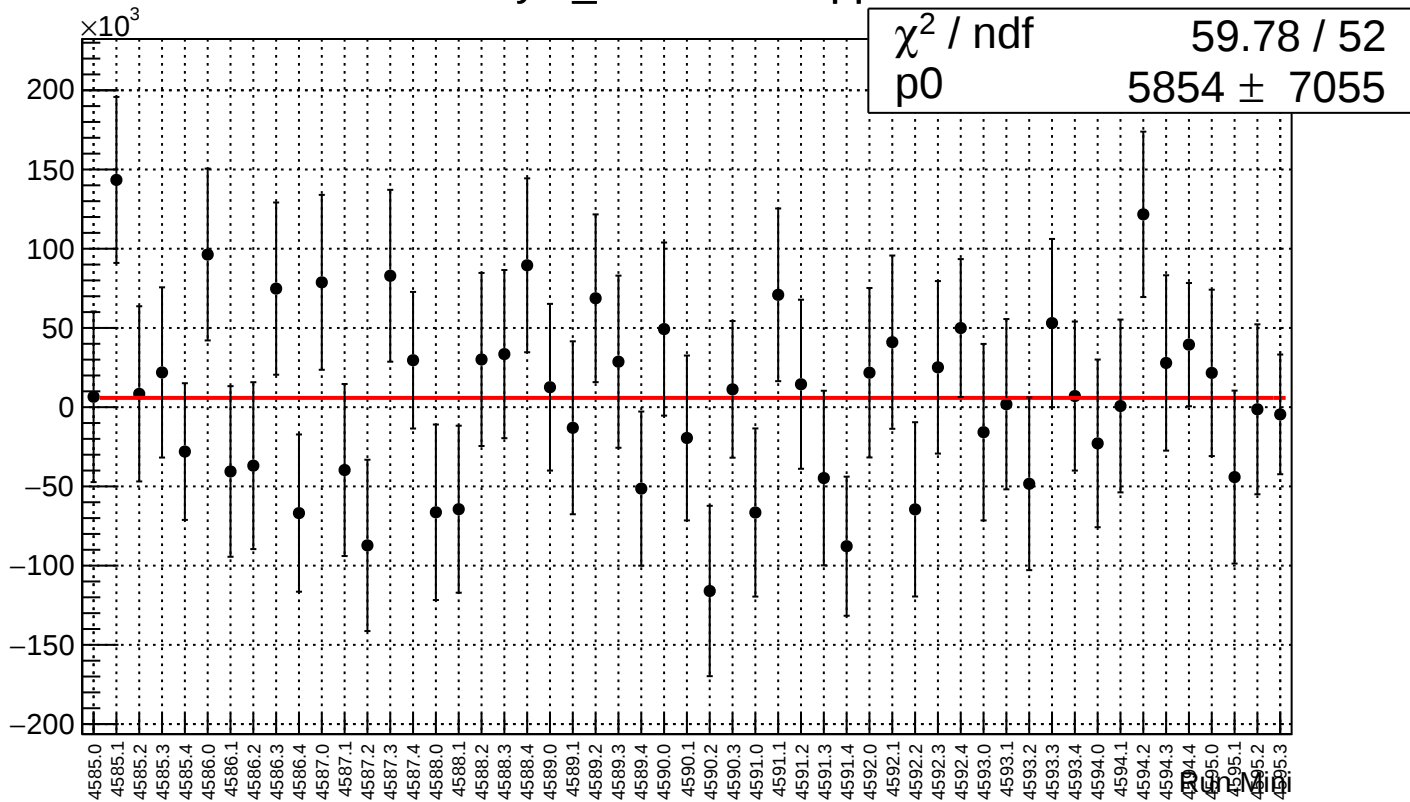
59.18 / 52
 1924 ± 2404



asym_sam_48_dd.mean/ppb



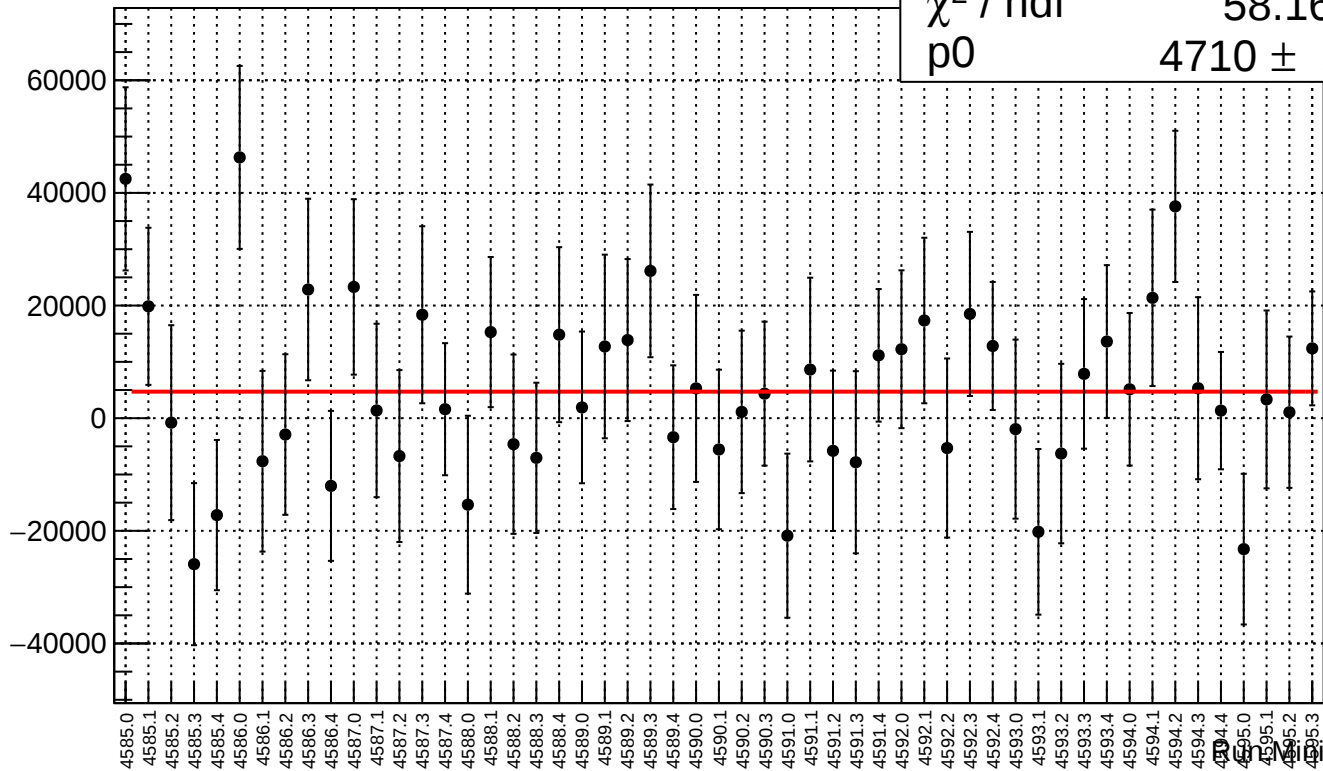
asym_sam4.mean/ppb



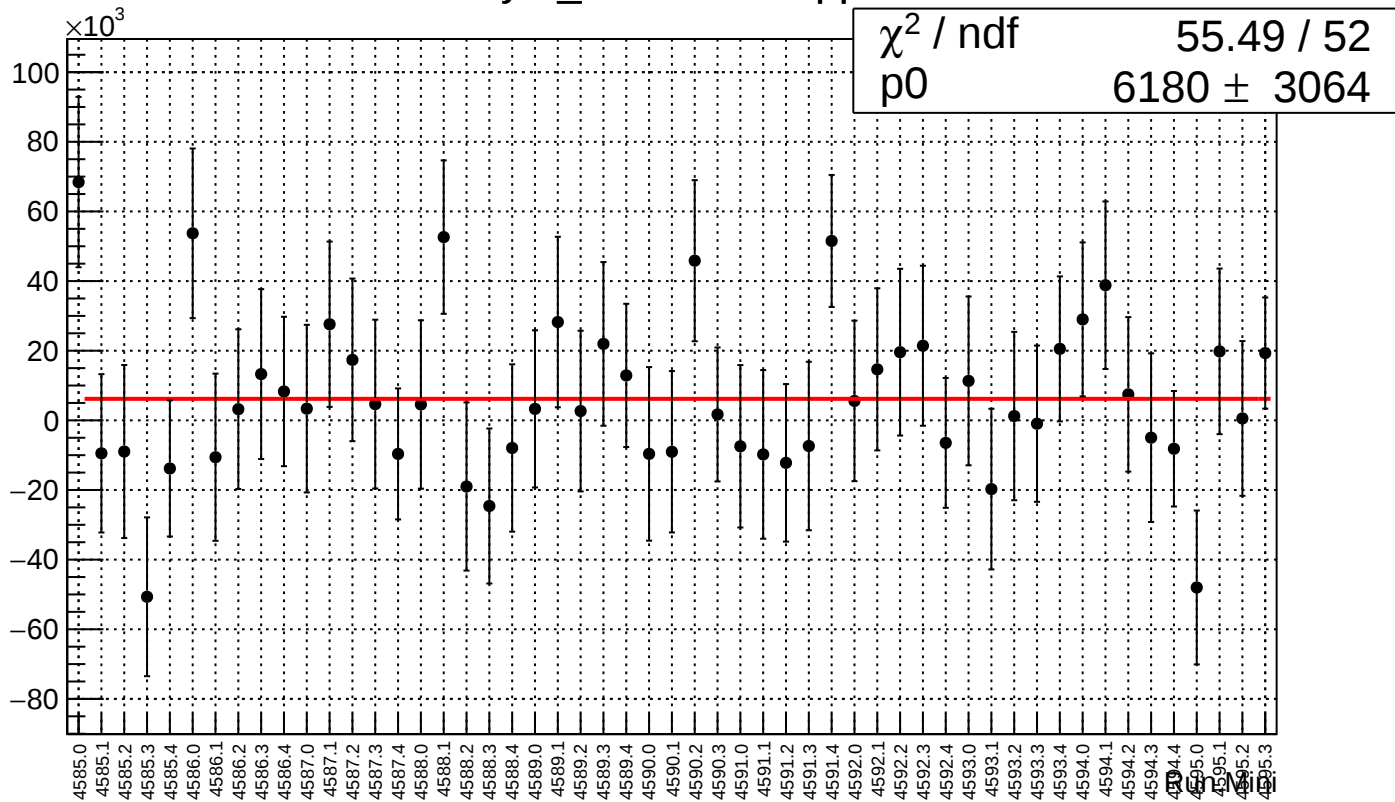
asym_sam5.mean/ppb

χ^2 / ndf
p0

58.16 / 52
 4710 ± 1949



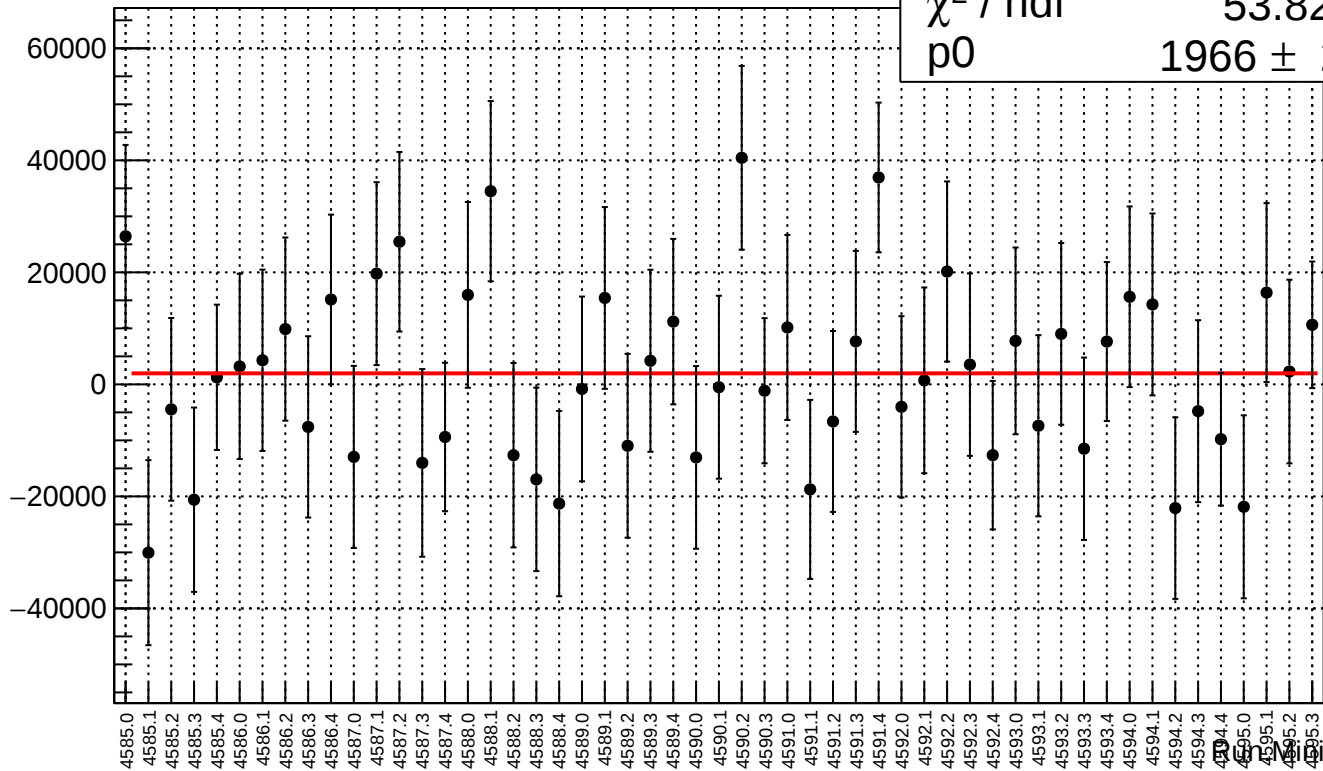
asym_sam6.mean/ppb



asym_sam7.mean/ppb

χ^2 / ndf
p0

53.82 / 52
 1966 ± 2135

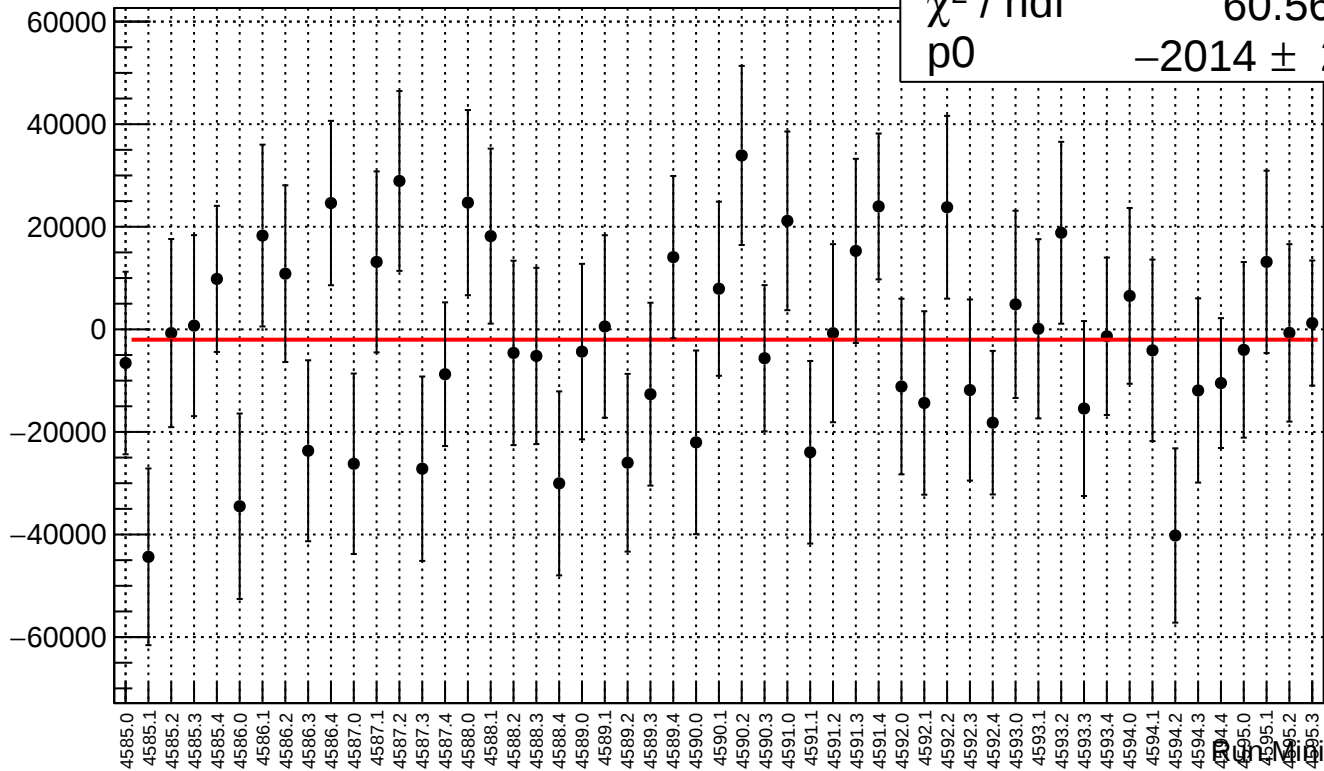


asym_sam8.mean/ppb

χ^2 / ndf
p0

60.56 / 52

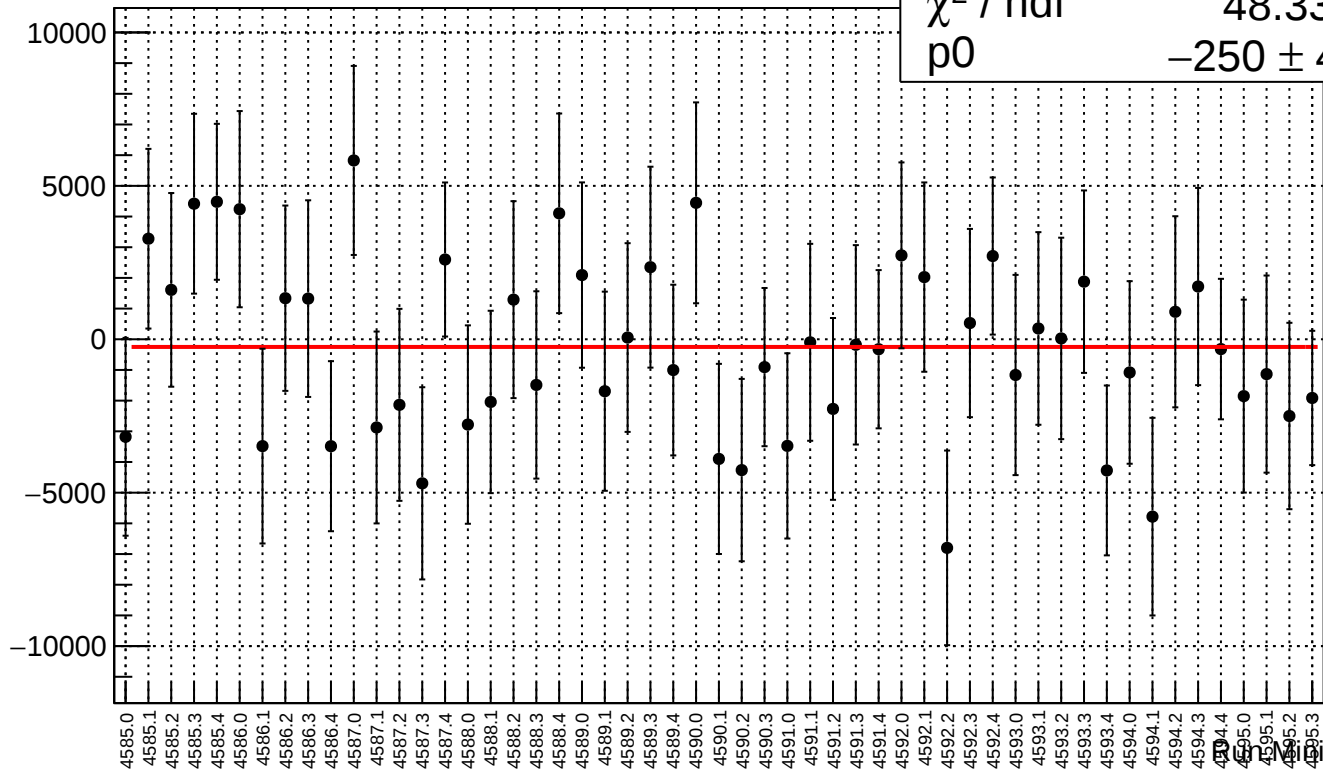
-2014 ± 2299



asym_us_avg.mean/ppb

χ^2 / ndf
p0

48.33 / 52
 -250 ± 409.1



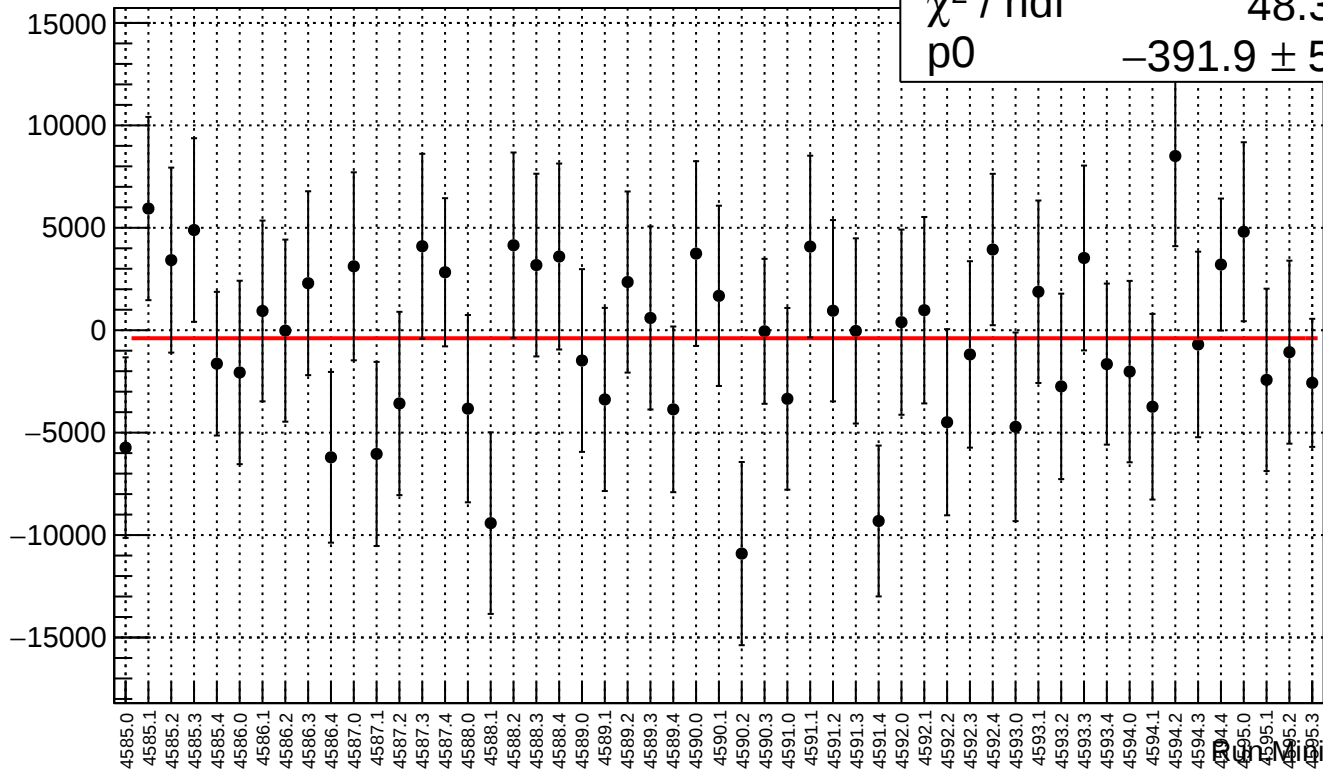
asym_us_dd.mean/ppb

χ^2 / ndf

48.3 / 52

p0

-391.9 ± 586.4

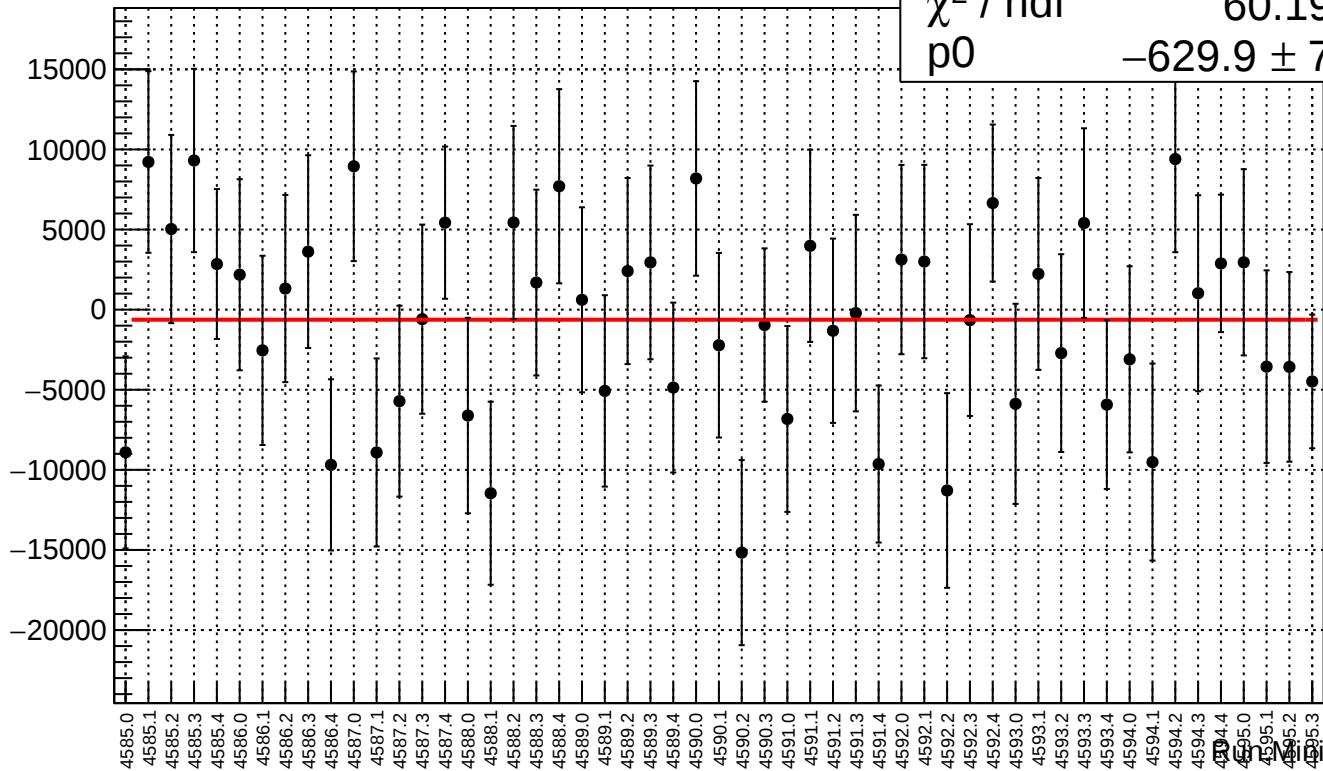


asym_usl.mean/ppb

χ^2 / ndf
p0

60.19 / 52

-629.9 ± 776.6

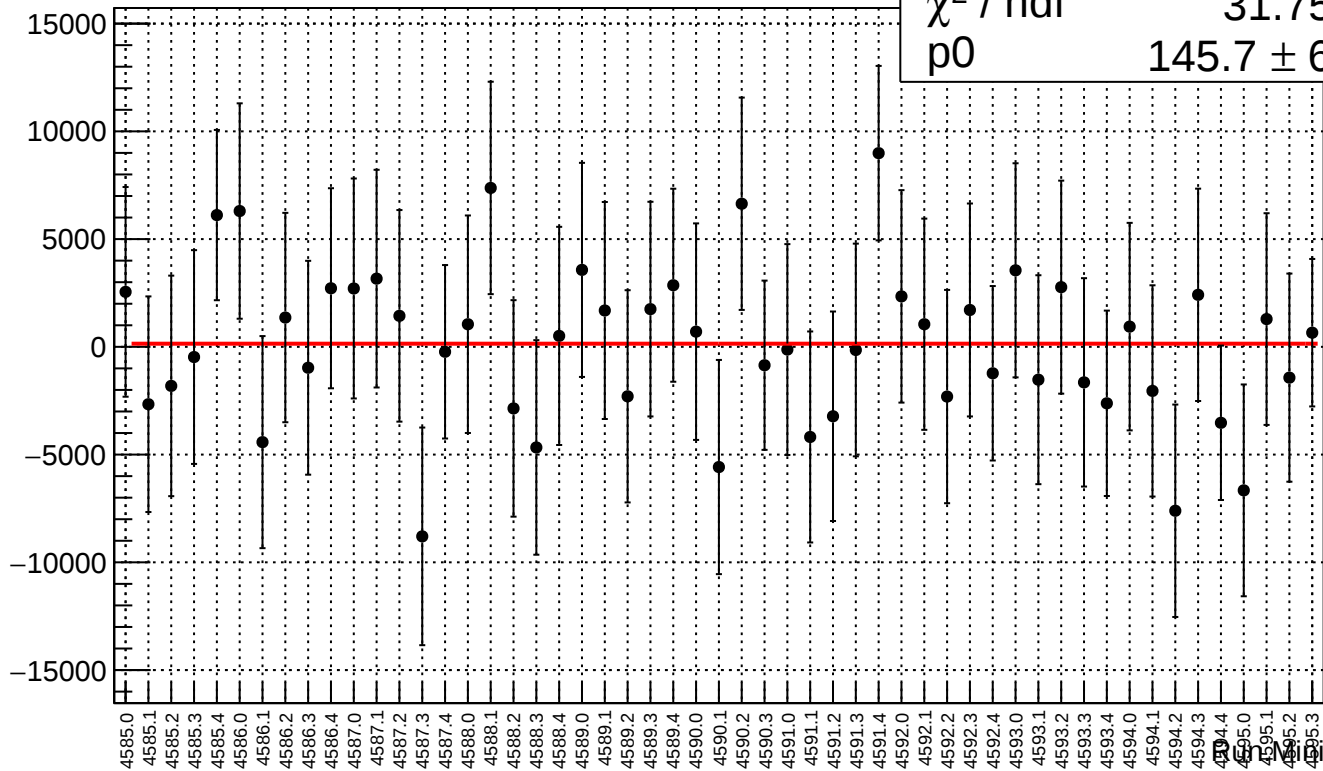


asym_usr.mean/ppb

χ^2 / ndf
p0

31.75 / 52

145.7 ± 647.8



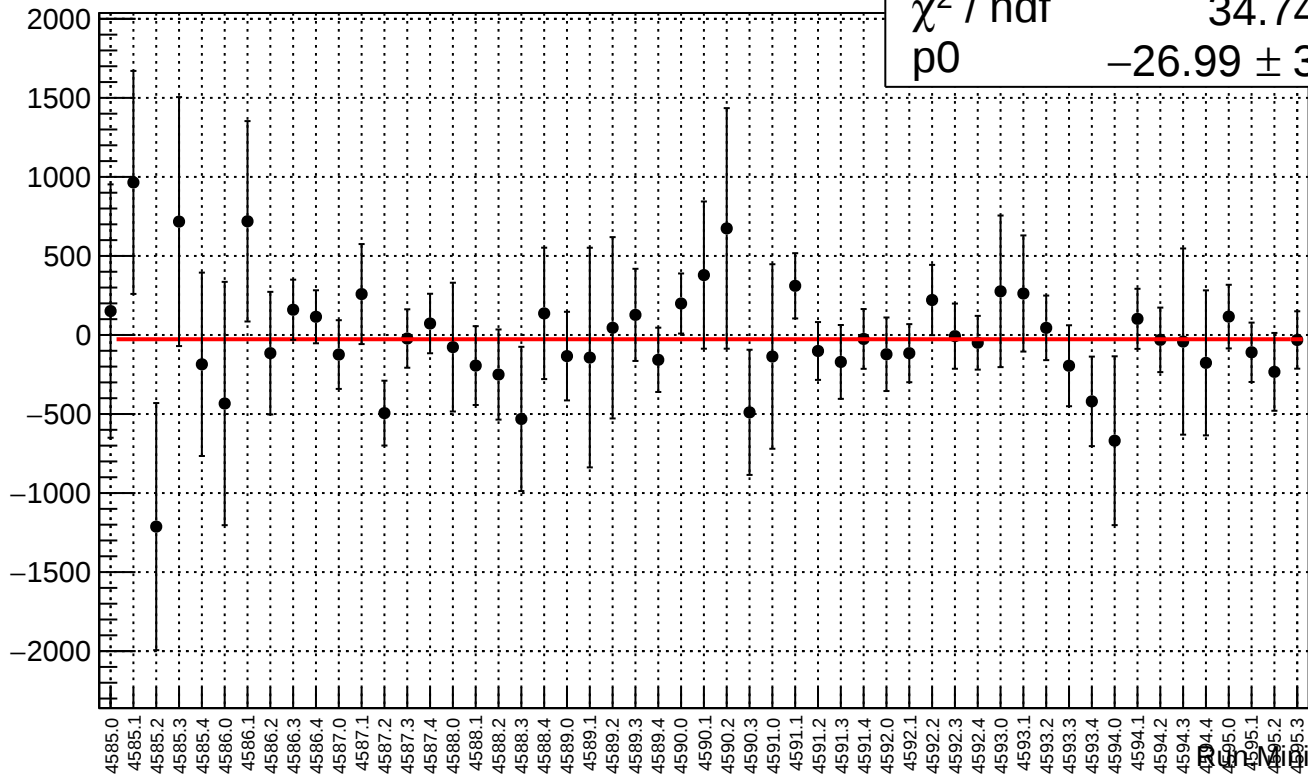
bcm_an_us_ds3_dd.mean/ppb

χ^2 / ndf

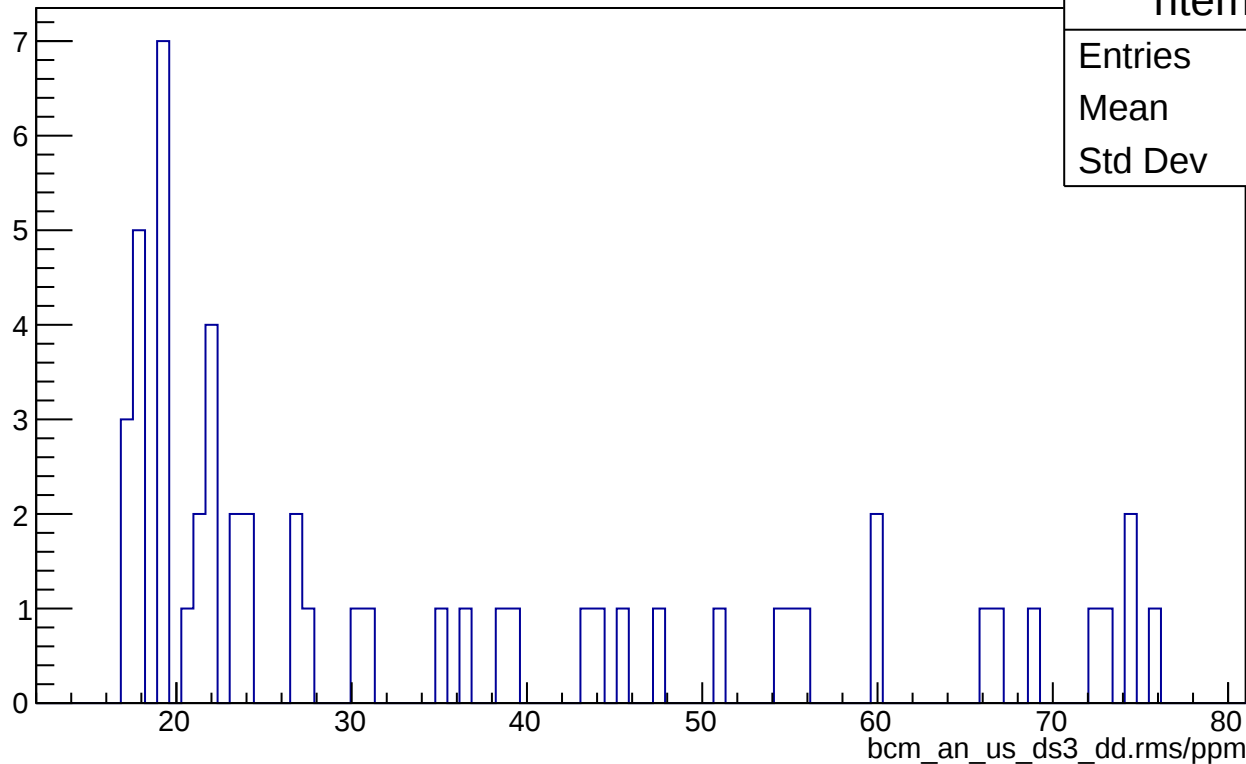
34.74 / 52

p0

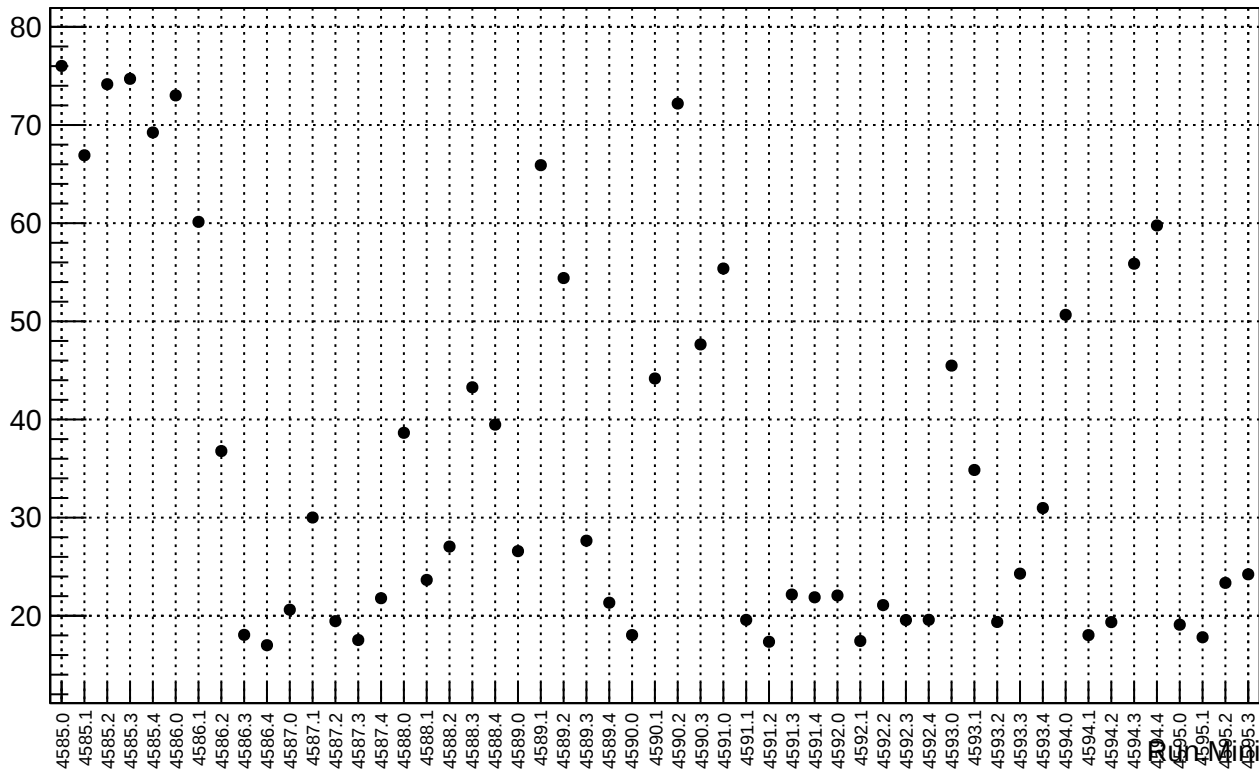
-26.99 ± 35.57



bcm_an_us_ds3_dd.rms/ppm



bcm_an_us_ds3_dd.rms/ppm



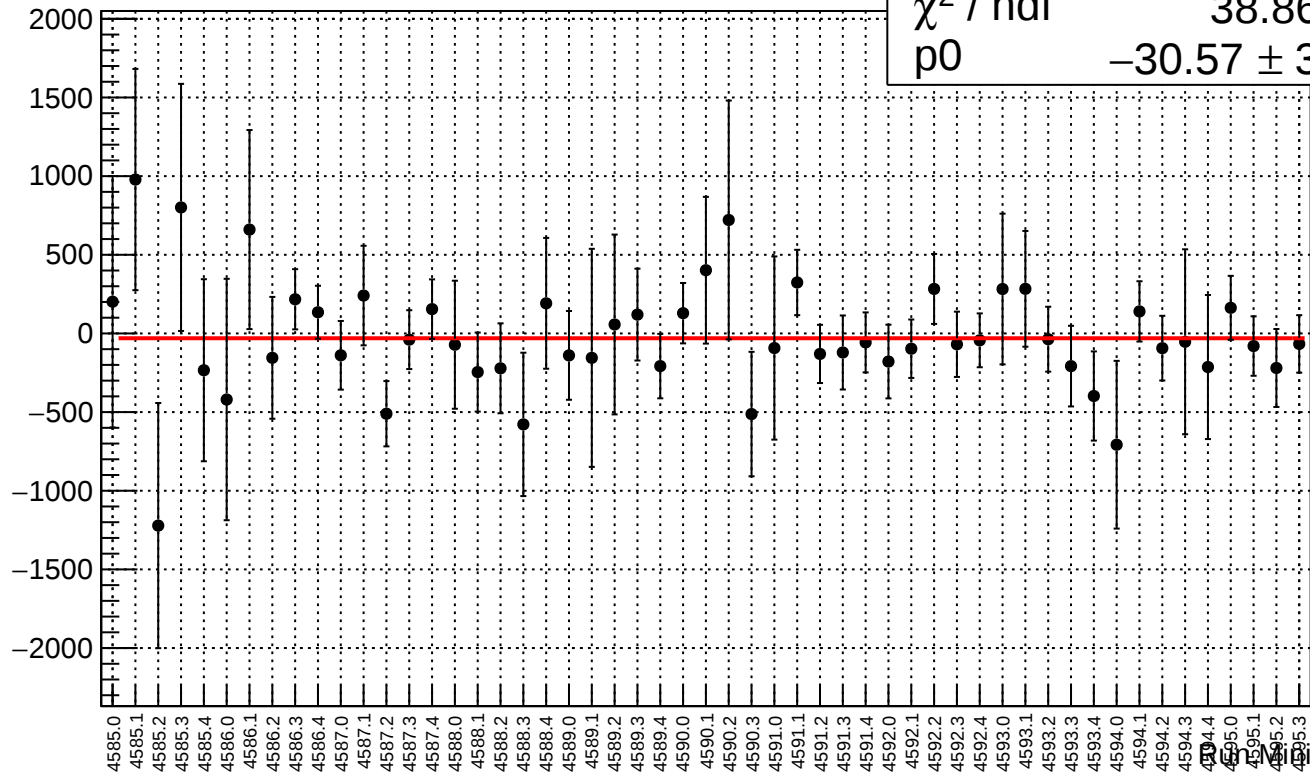
bcm_an_us_ds_dd.mean/ppb

χ^2 / ndf

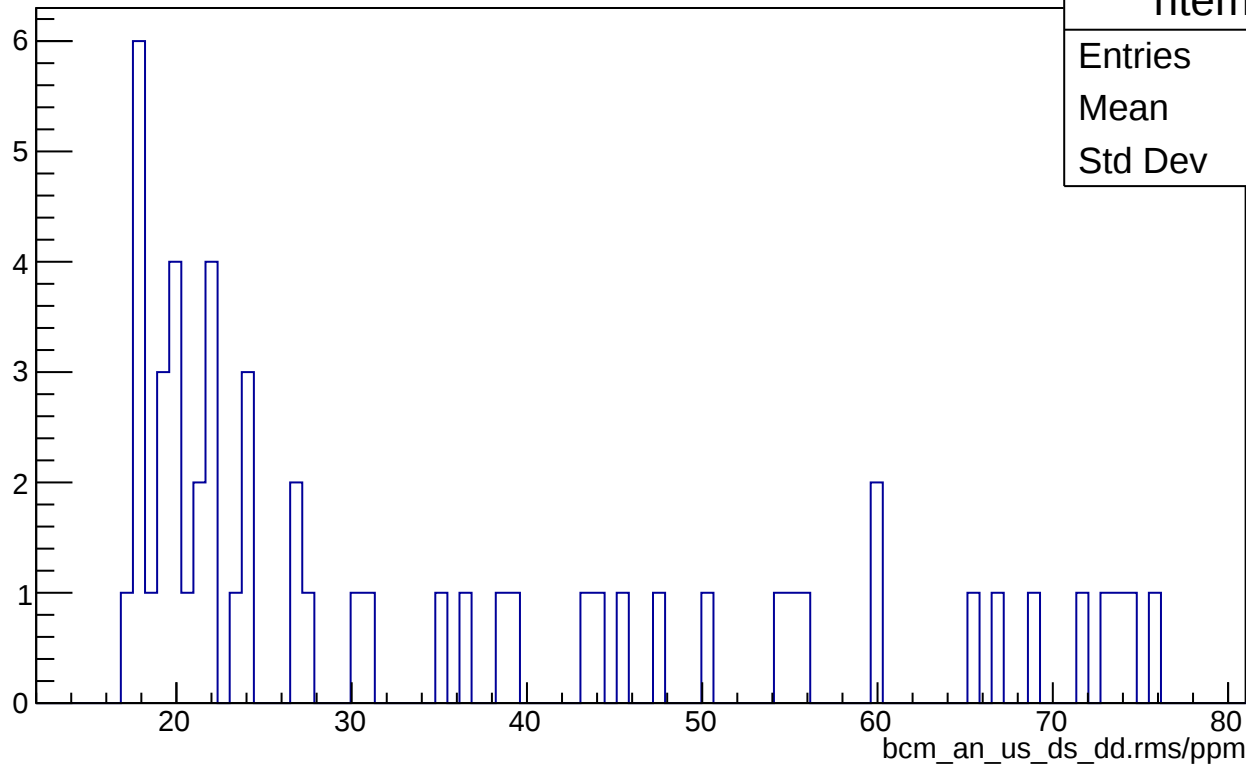
38.86 / 52

p0

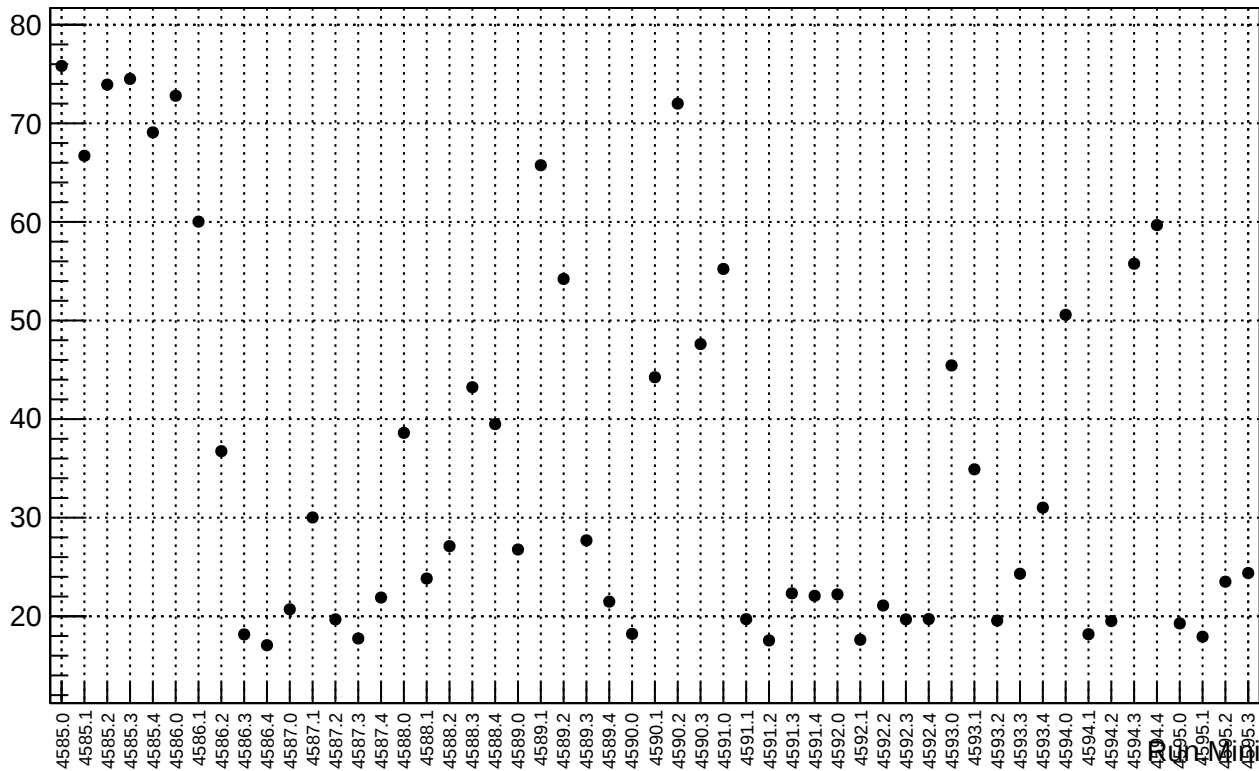
-30.57 ± 35.78



bcm_an_us_ds_dd.rms/ppm



bcm_an_us_ds_dd.rms/ppm



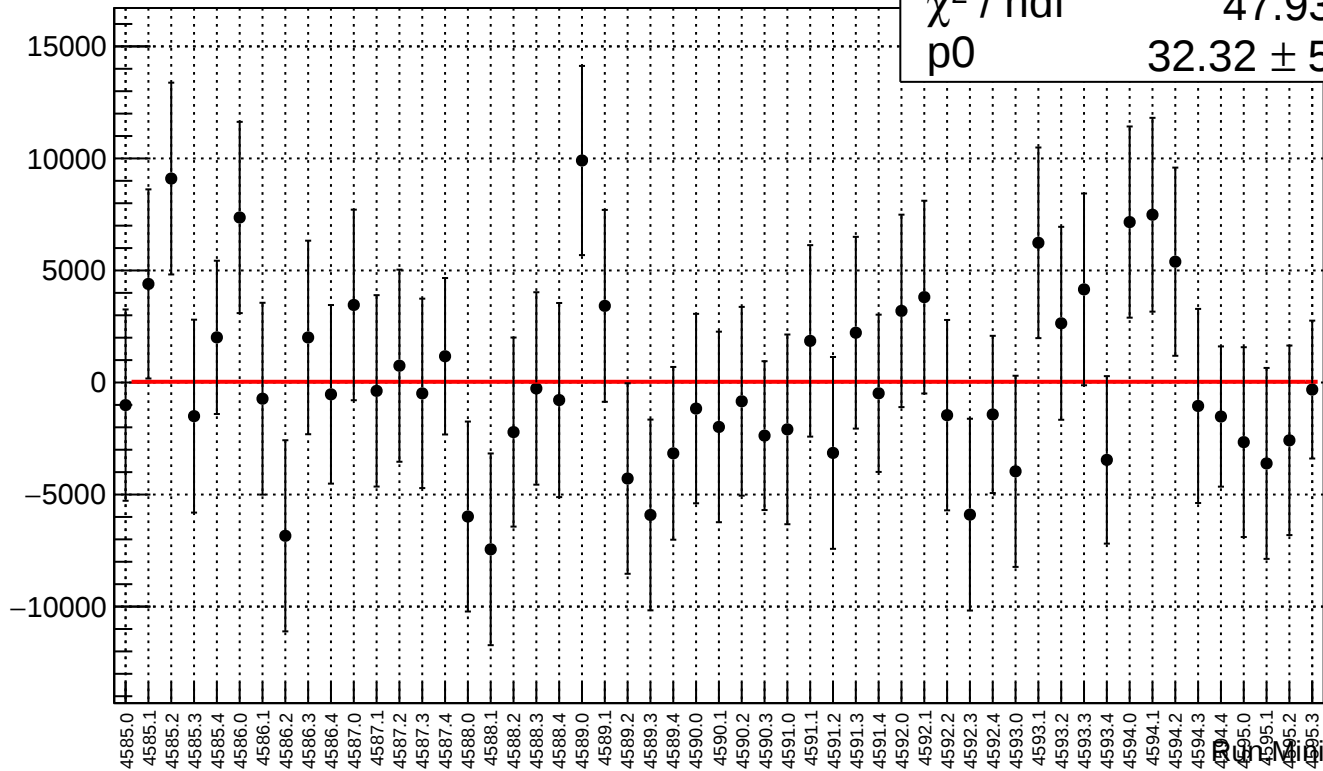
reg_asym_at1_avg.mean/ppb

χ^2 / ndf

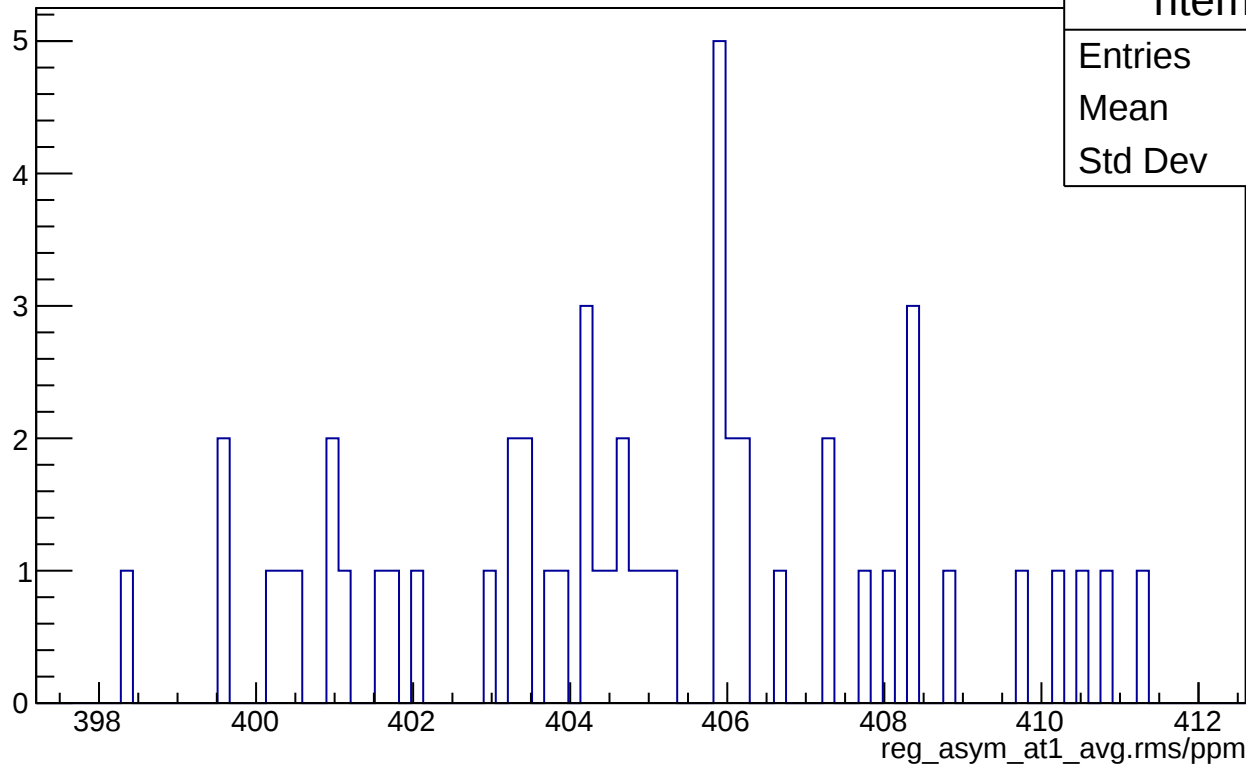
47.93 / 52

p0

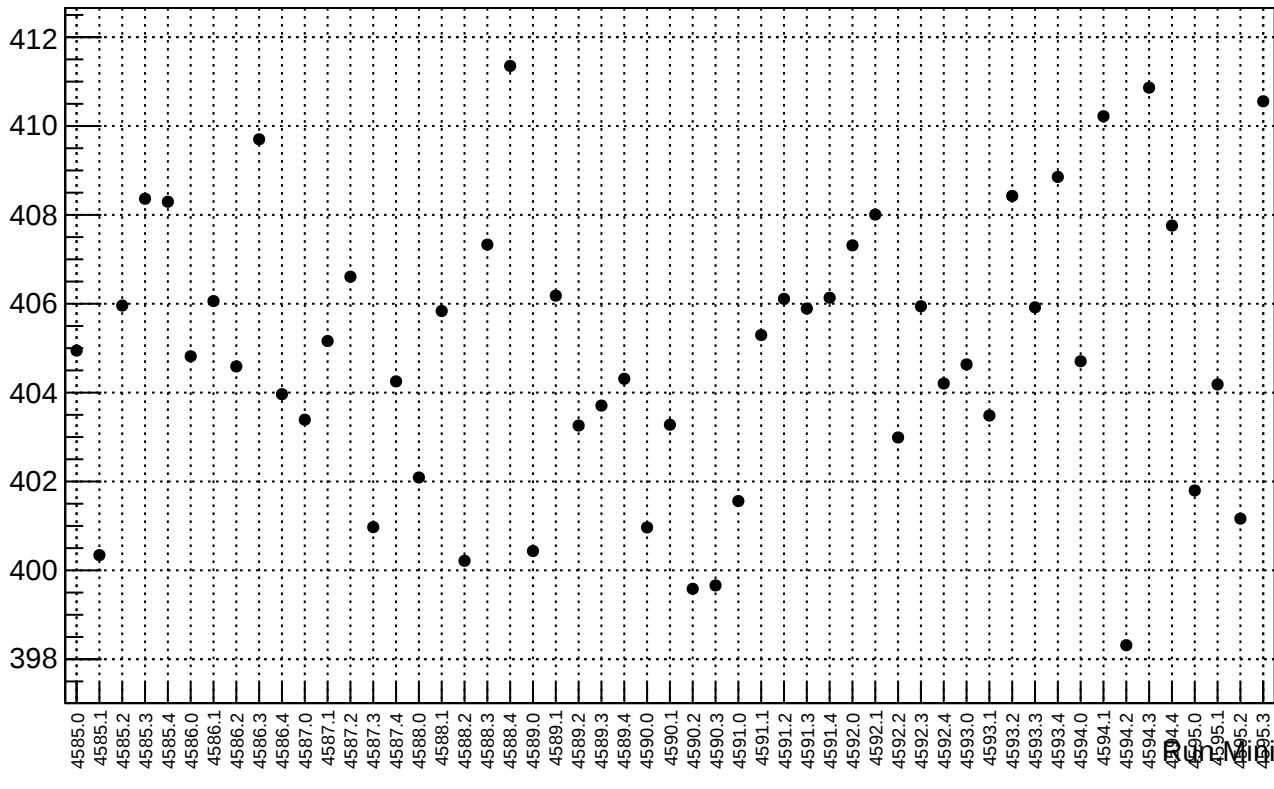
32.32 ± 559.6



reg_asym_at1_avg.rms/ppm



reg_asym_at1_avg.rms/ppm



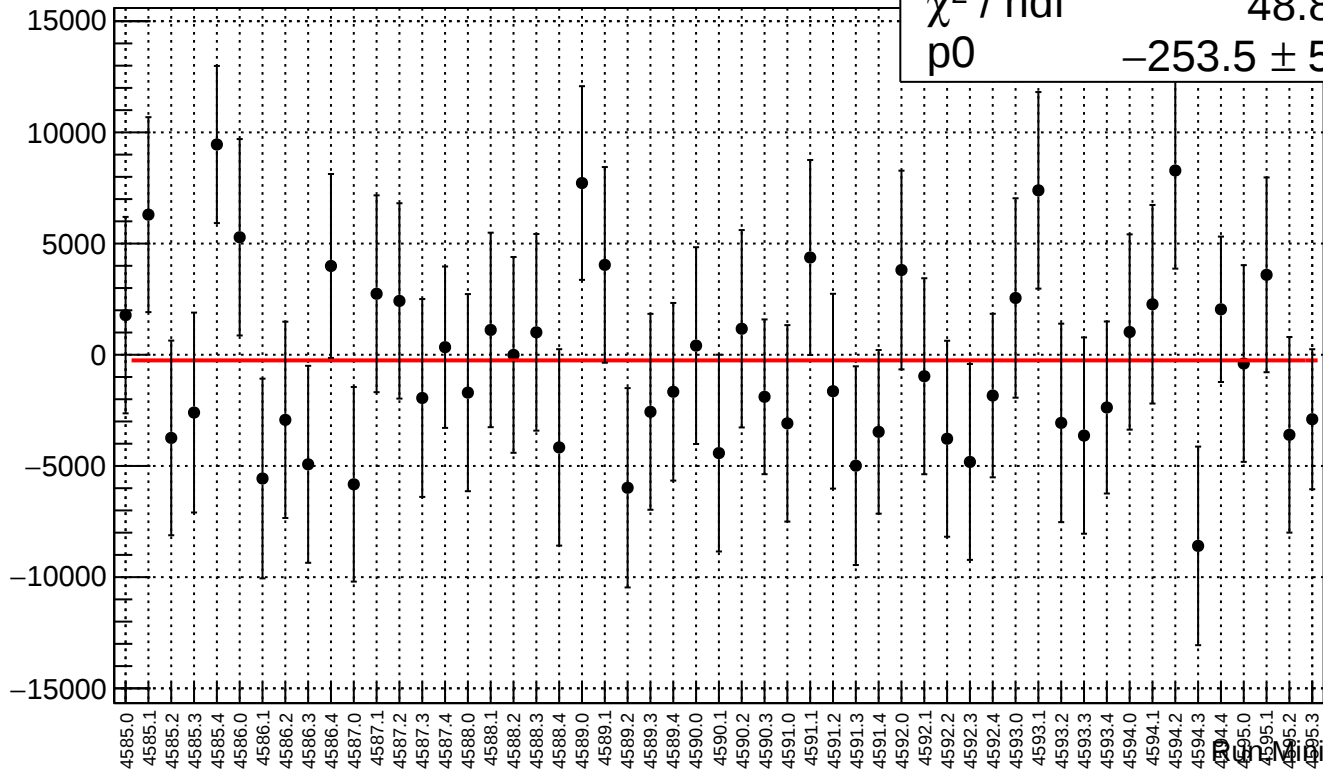
reg_asym_at1_dd.mean/ppb

χ^2 / ndf

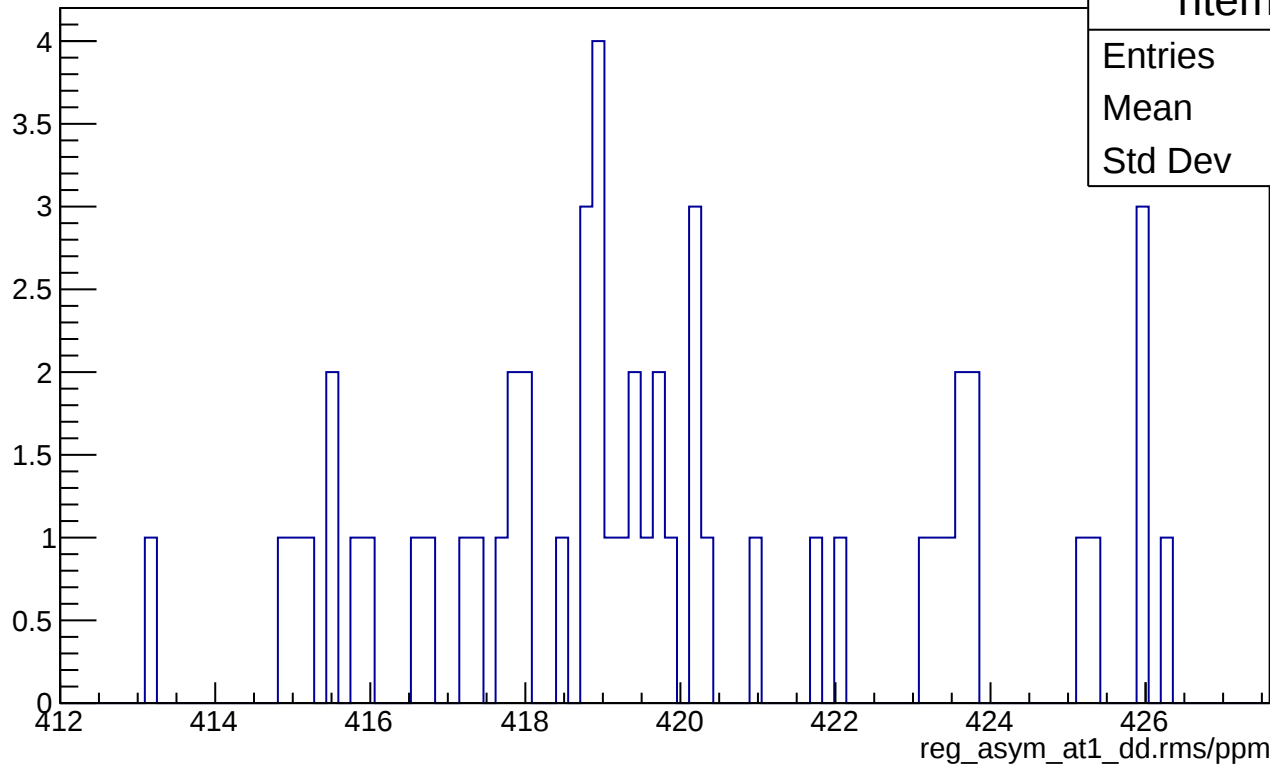
48.8 / 52

p0

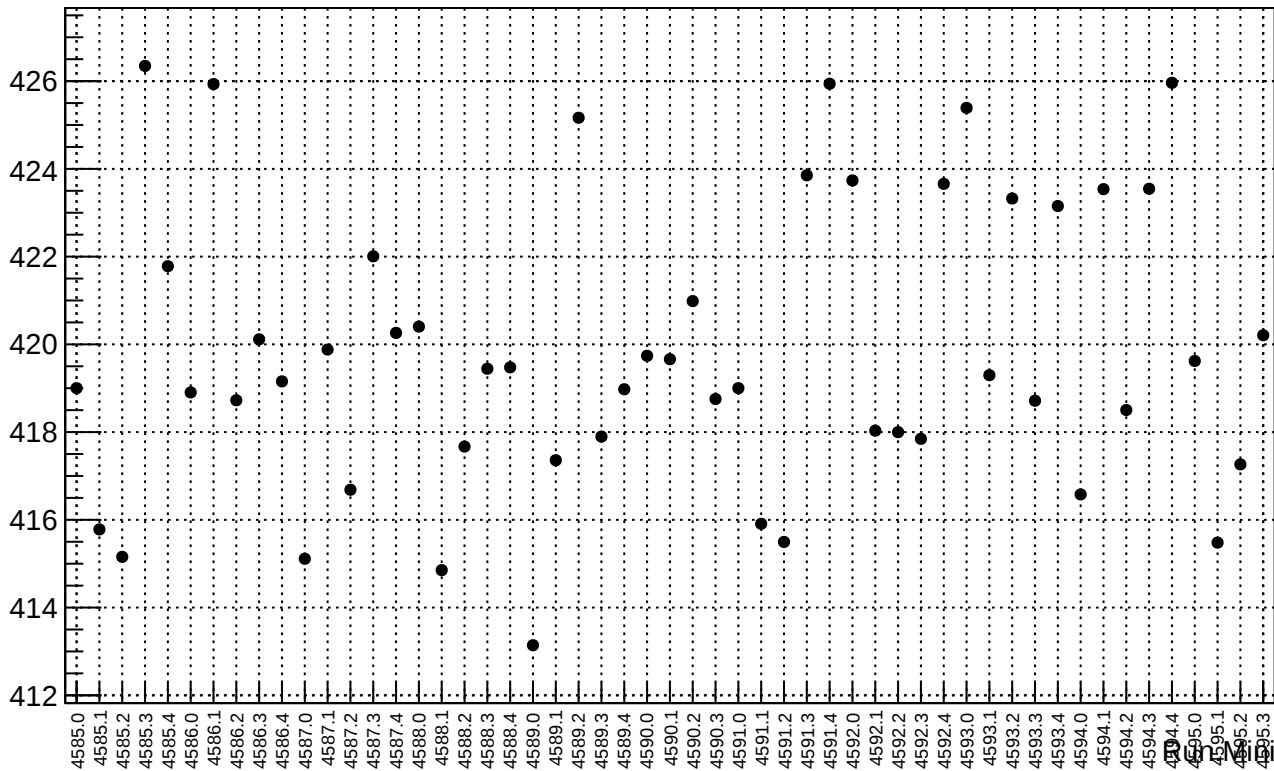
-253.5 ± 580.3



reg_asym_at1_dd.rms/ppm



reg_asym_at1_dd.rms/ppm



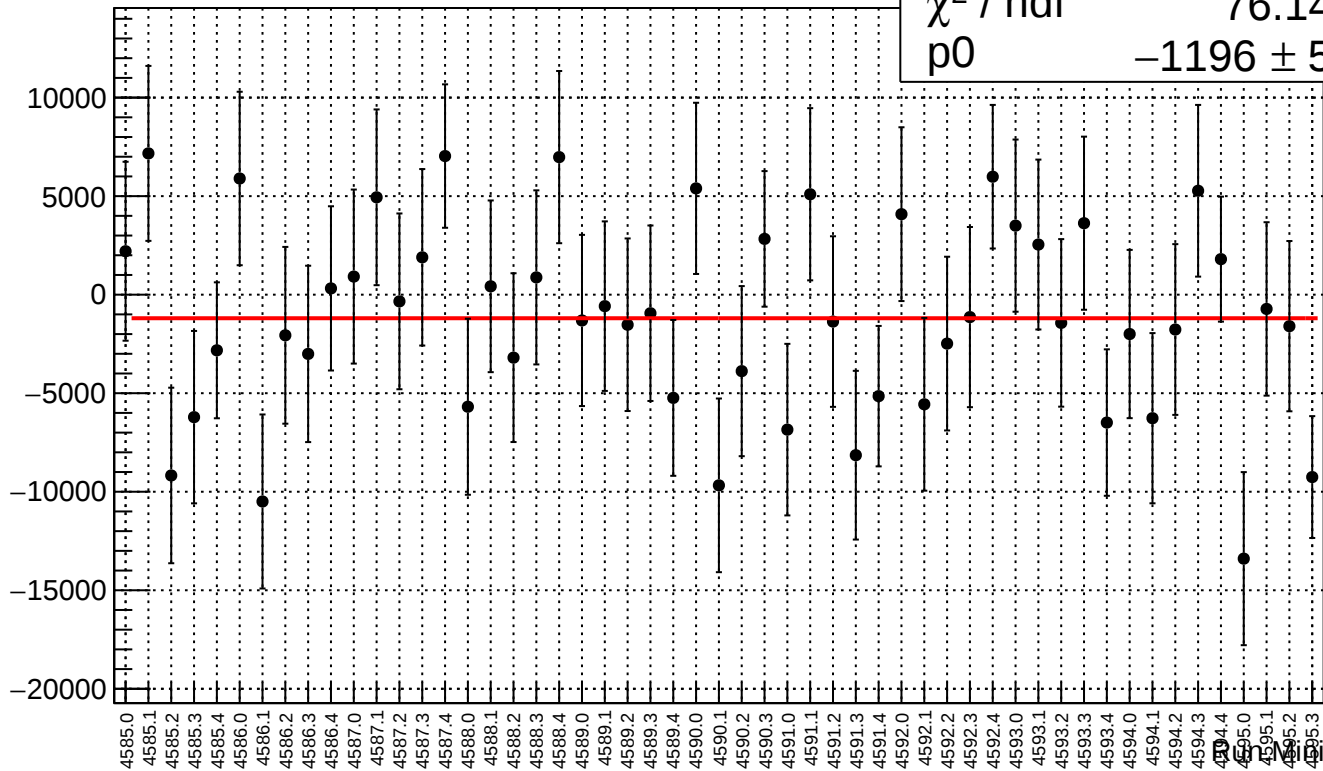
reg_asym_at2_avg.mean/ppb

χ^2 / ndf

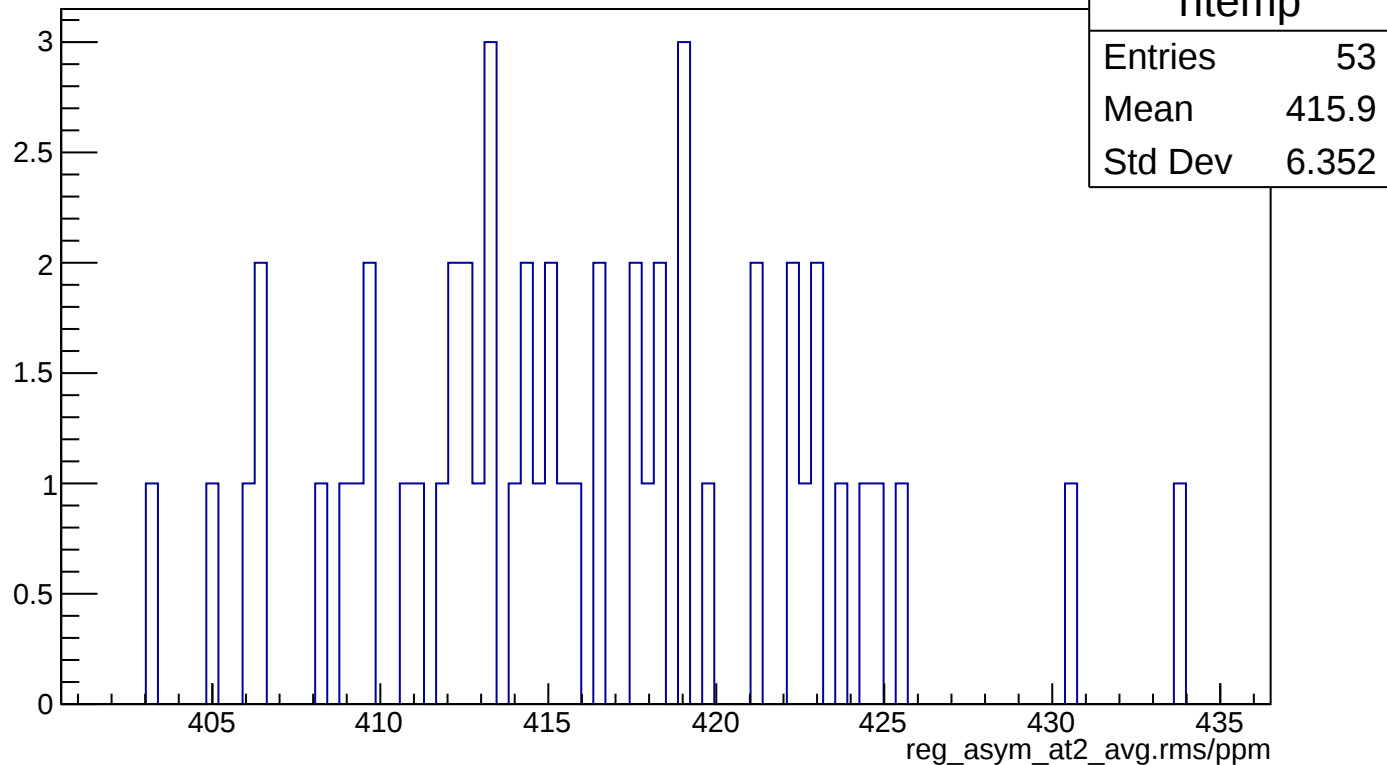
76.14 / 52

p0

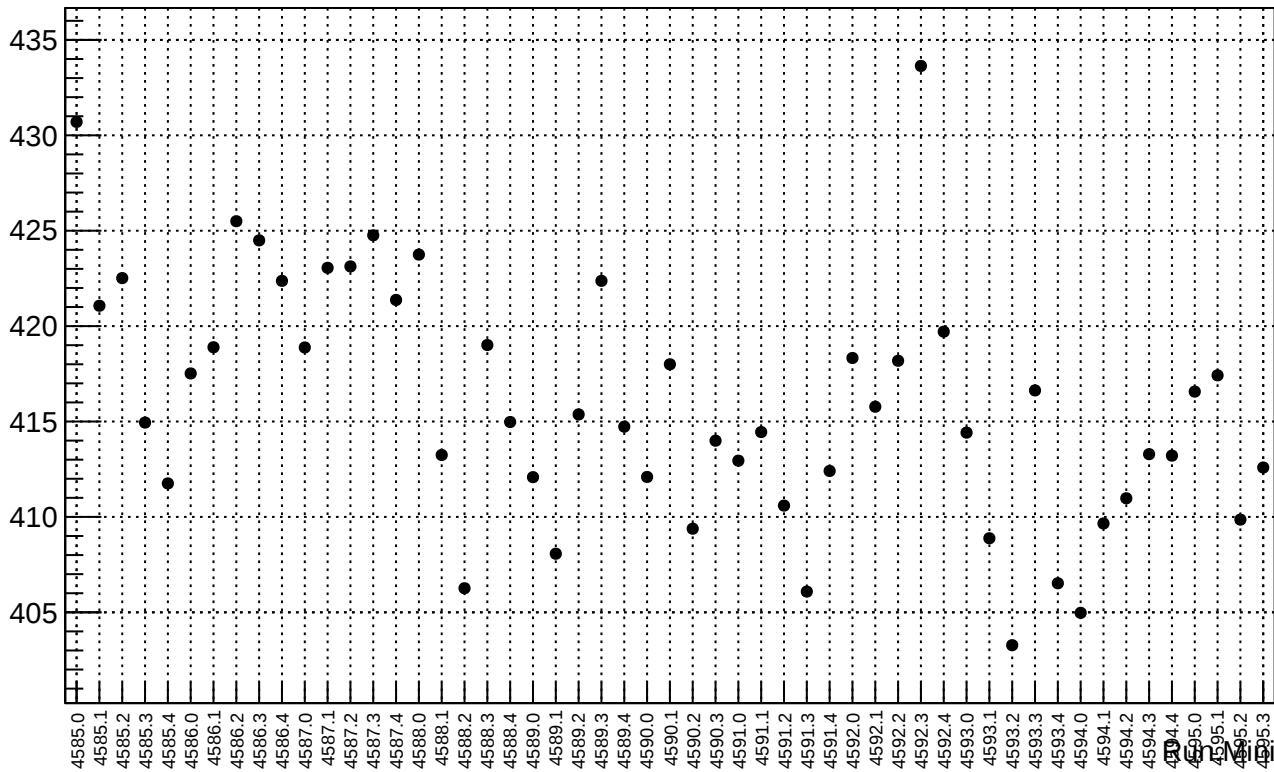
-1196 ± 574.3



reg_asym_at2_avg.rms/ppm



reg_asym_at2_avg.rms/ppm

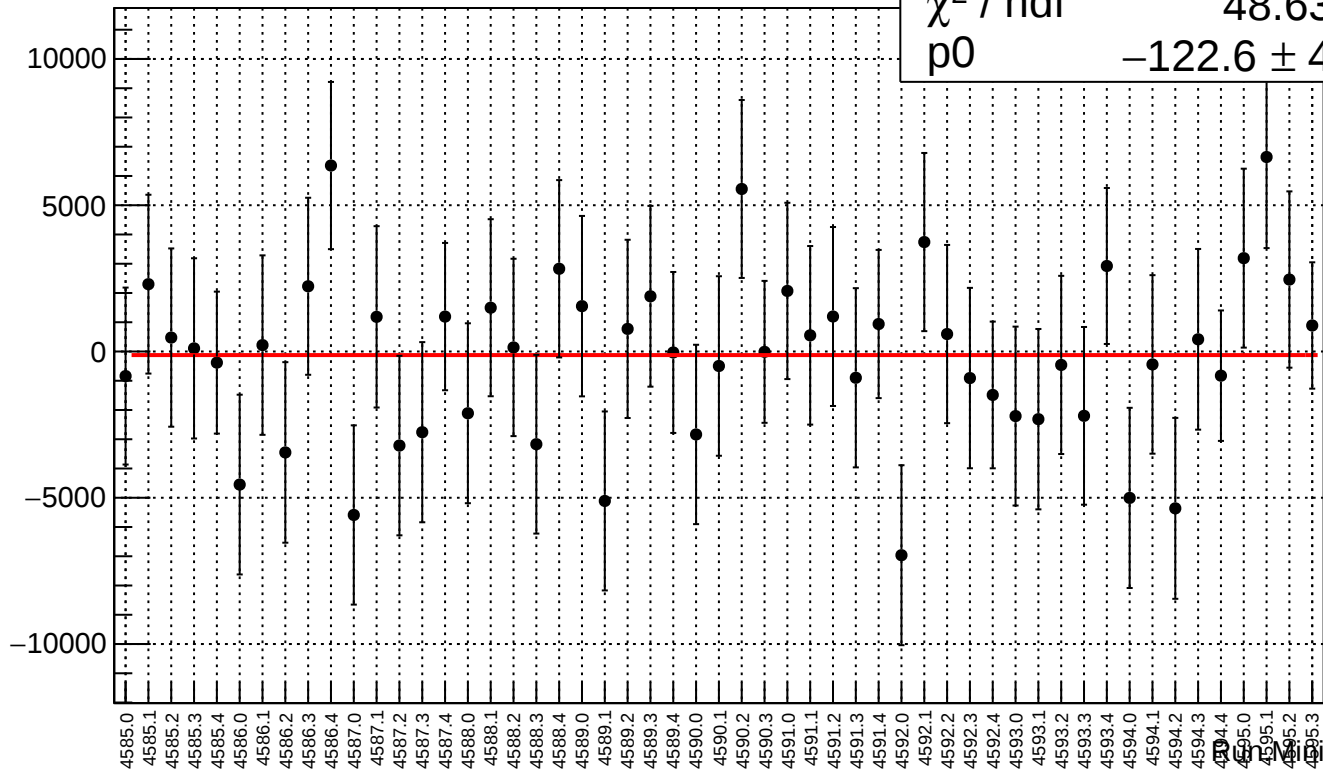


reg_asym_at2_dd.mean/ppb

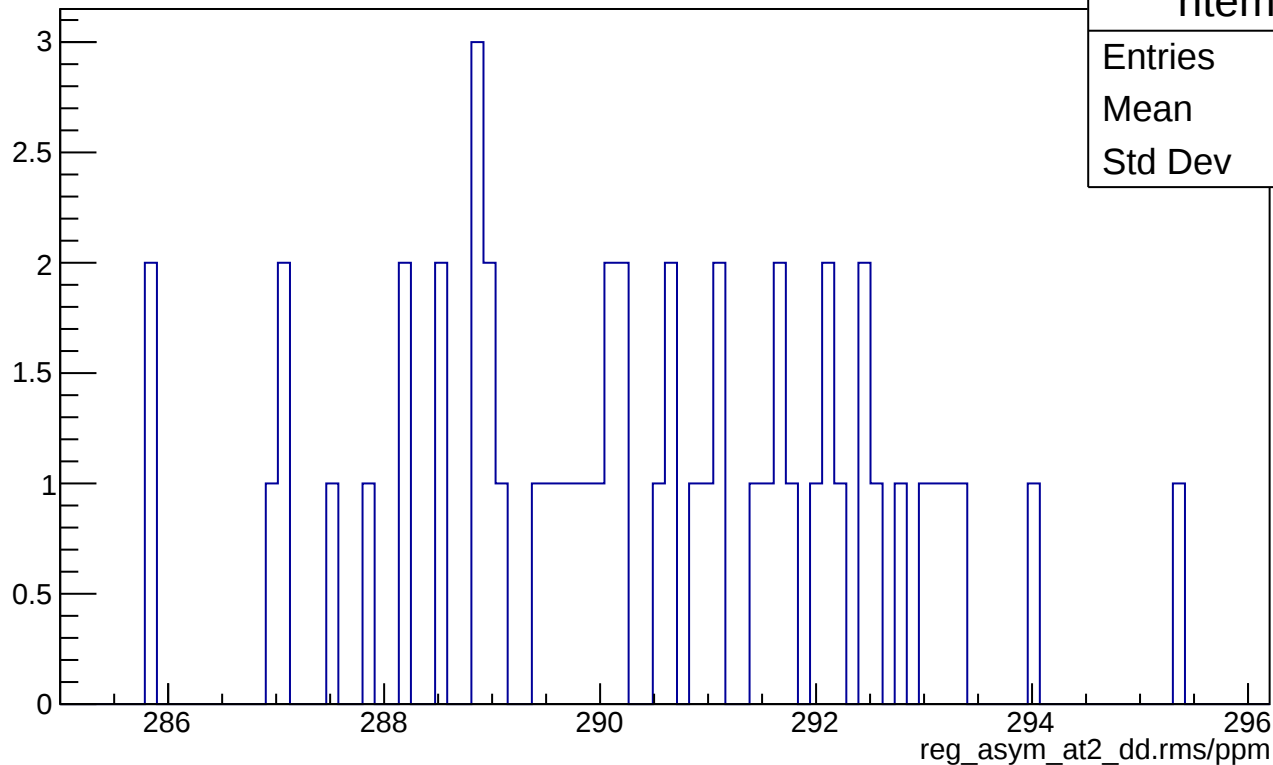
χ^2 / ndf
p0

48.63 / 52

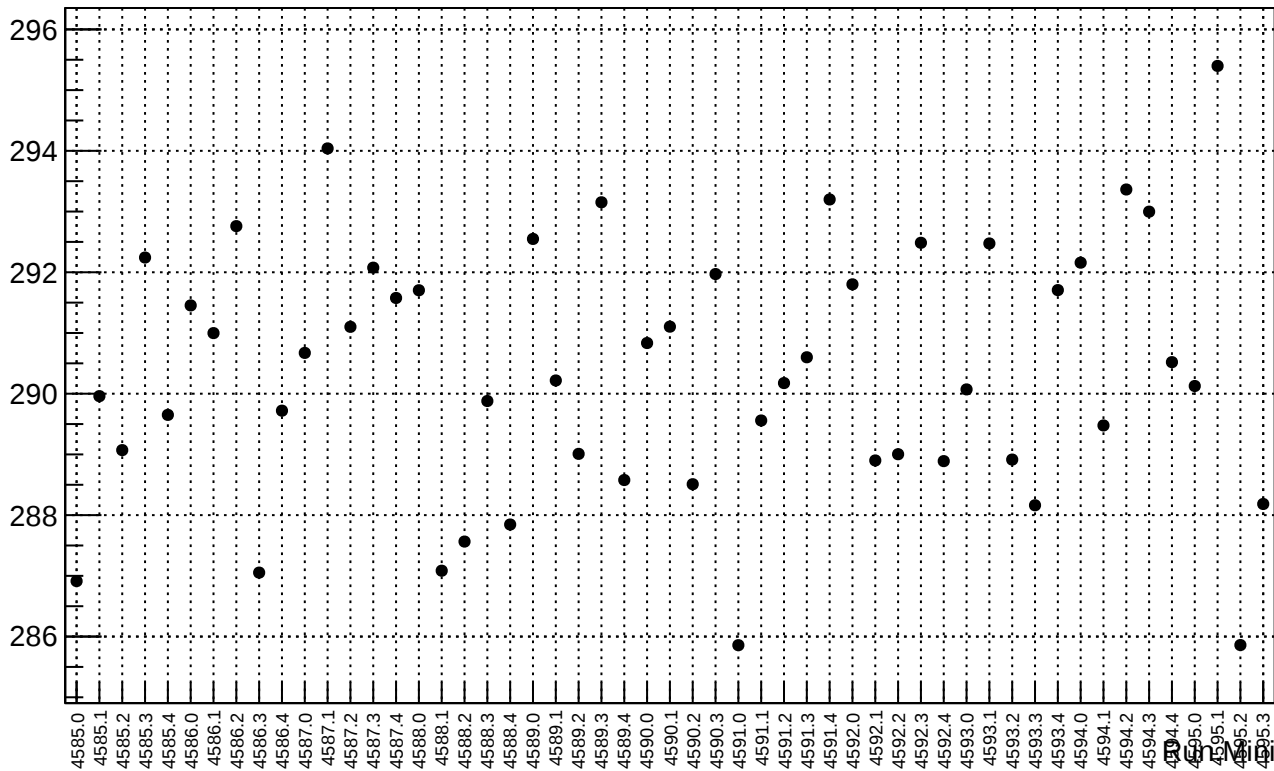
-122.6 ± 401.2



reg_asym_at2_dd.rms/ppm



reg_asym_at2_dd.rms/ppm



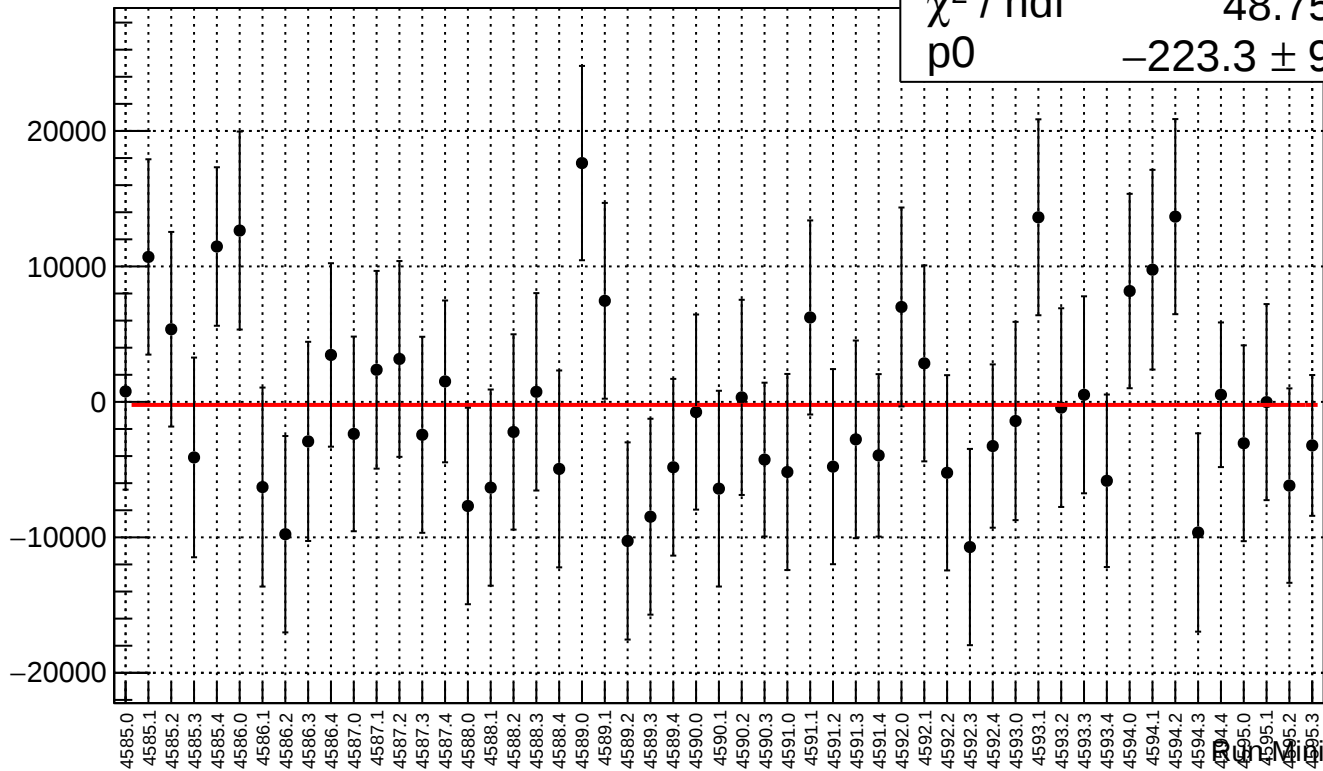
reg_asym_atl1.mean/ppb

χ^2 / ndf

48.75 / 52

p0

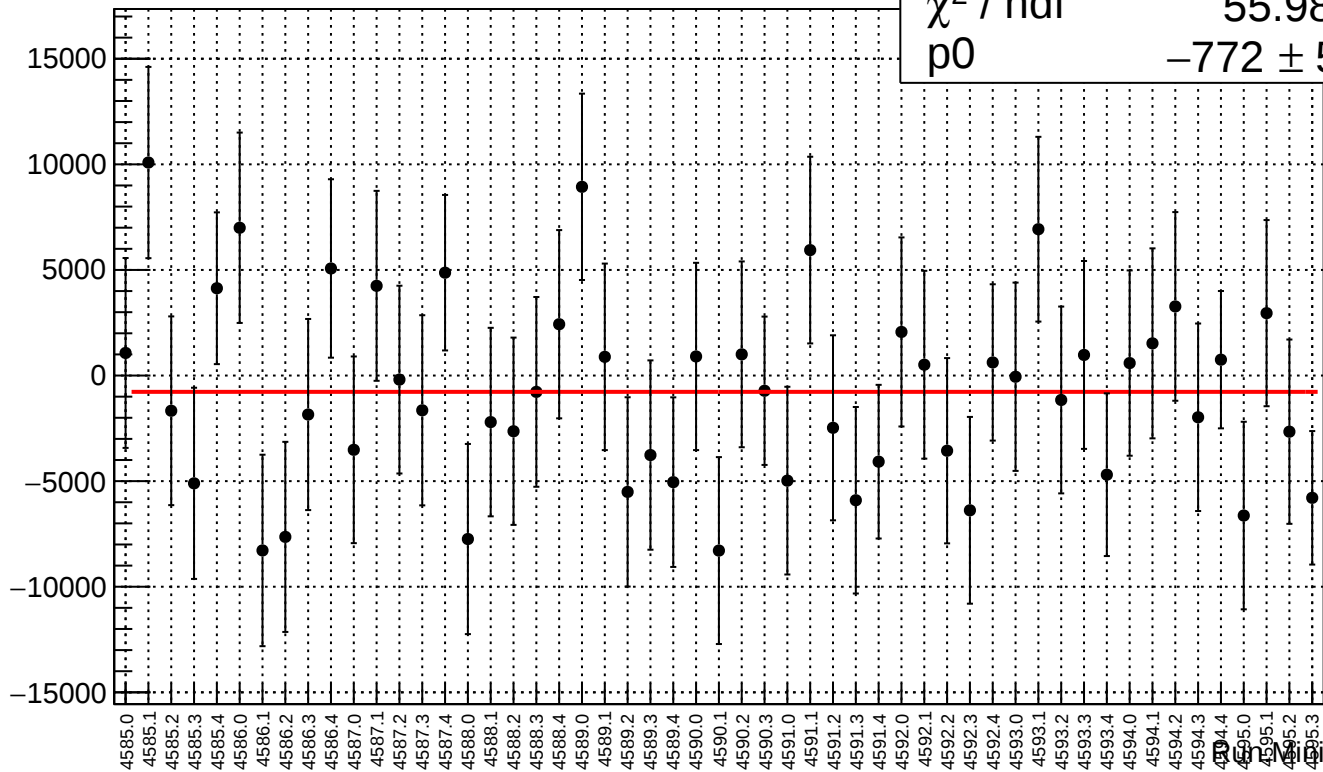
-223.3 ± 951.9



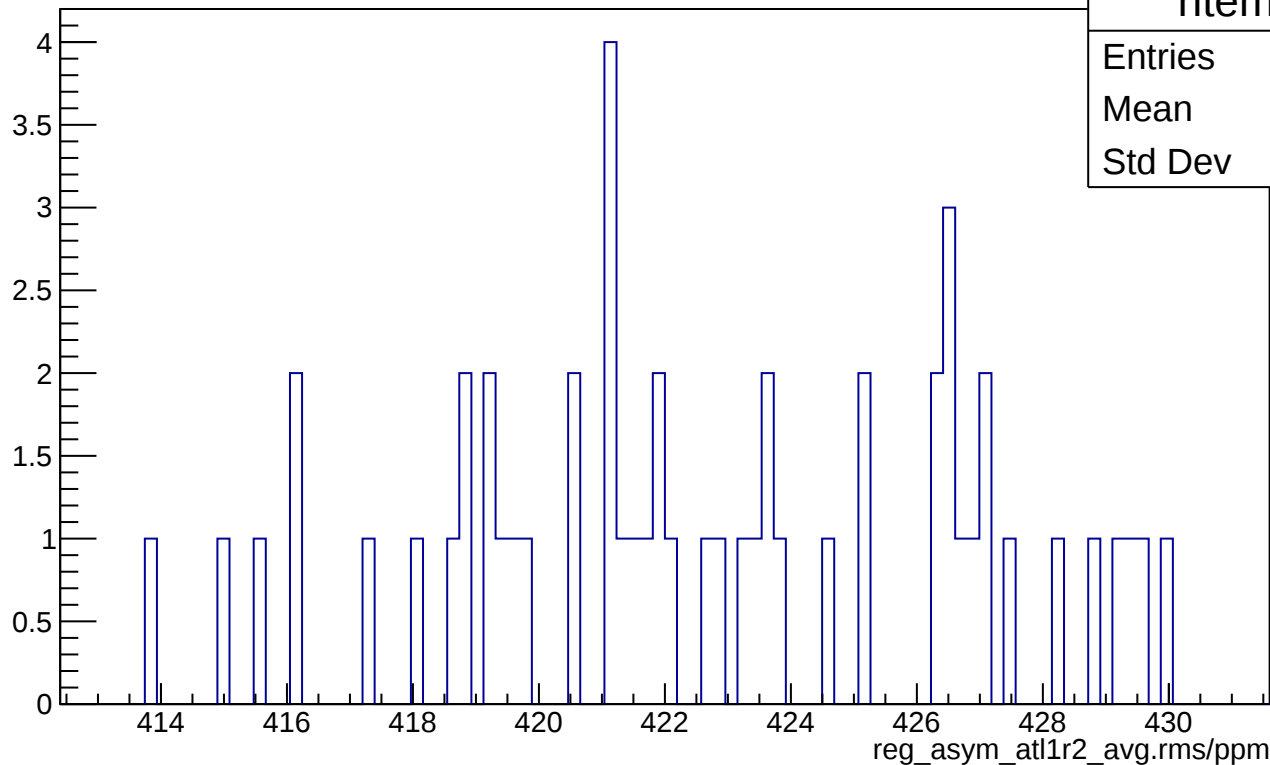
reg_asym_atl1r2_avg.mean/ppb

χ^2 / ndf
p0

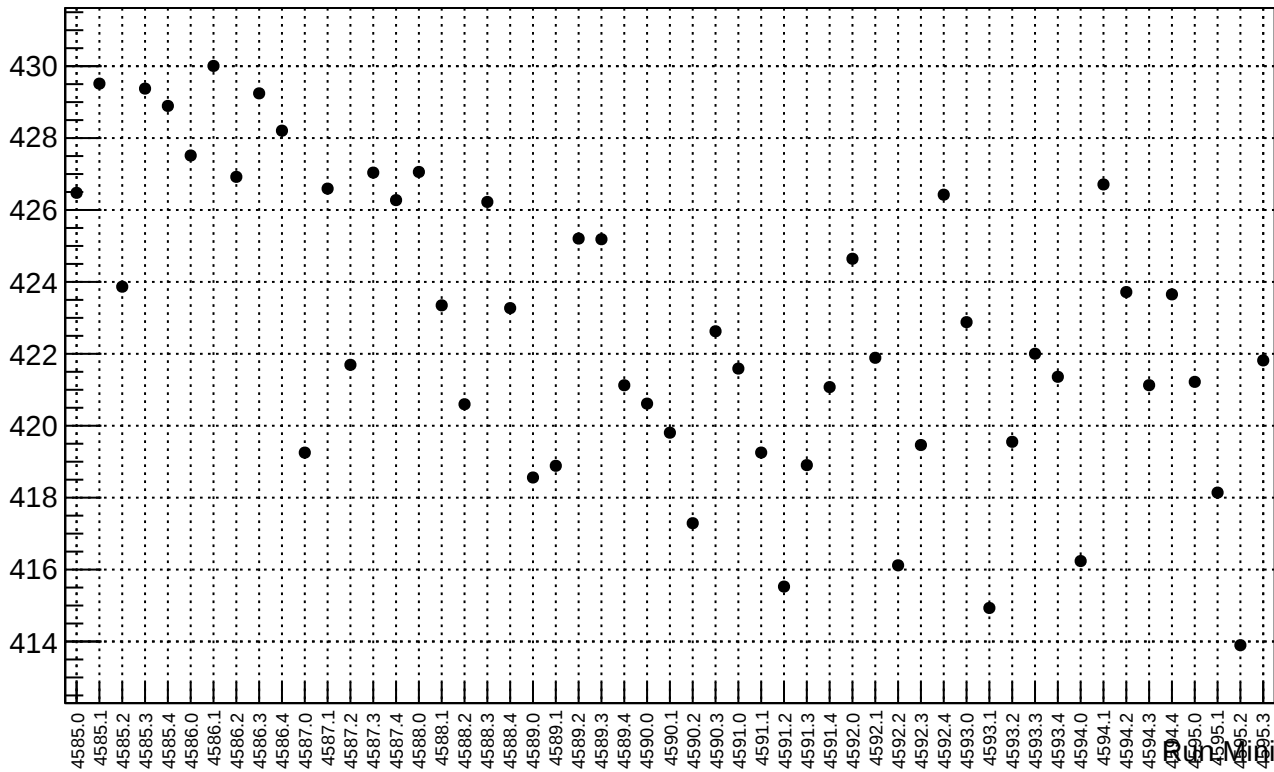
55.98 / 52
 -772 ± 584.1



reg_asym_atl1r2_avg.rms/ppm



reg_asym_atl1r2_avg.rms/ppm

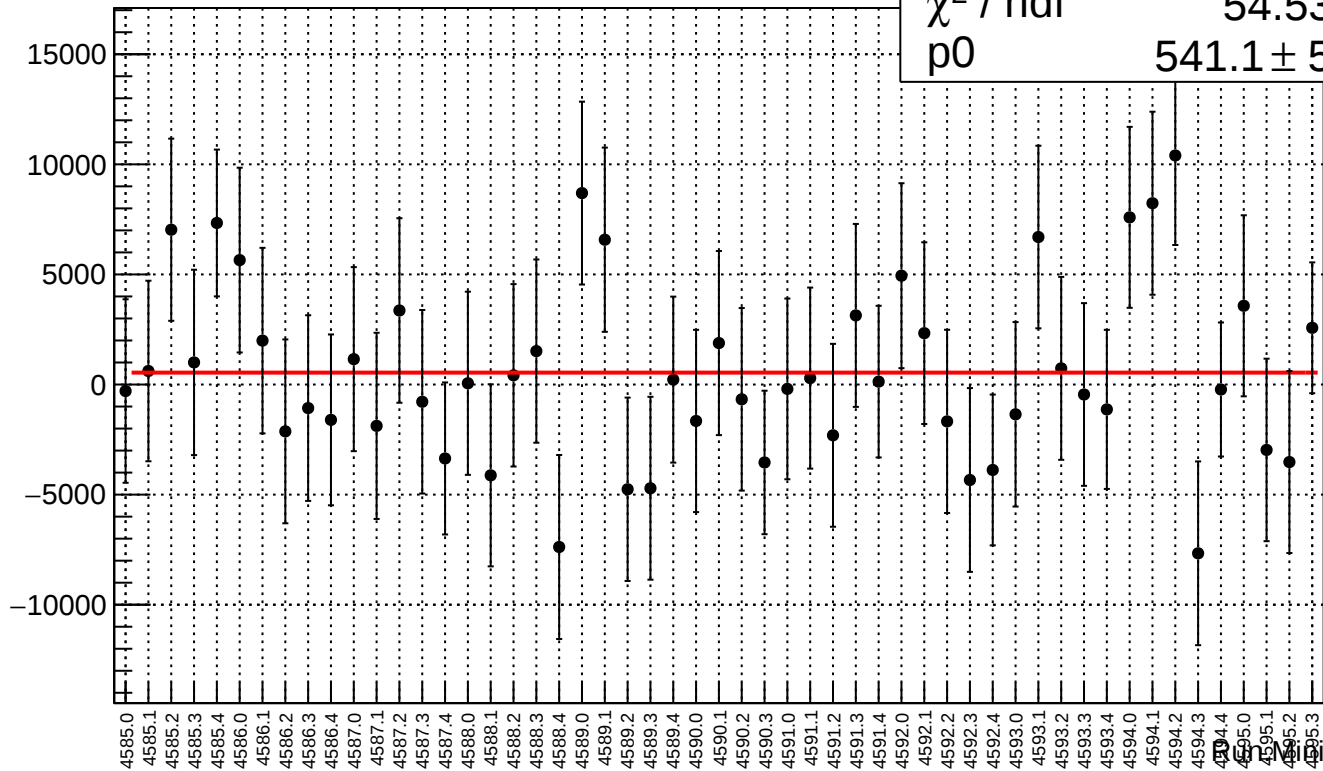


reg_asym_atl1r2_dd.mean/ppb

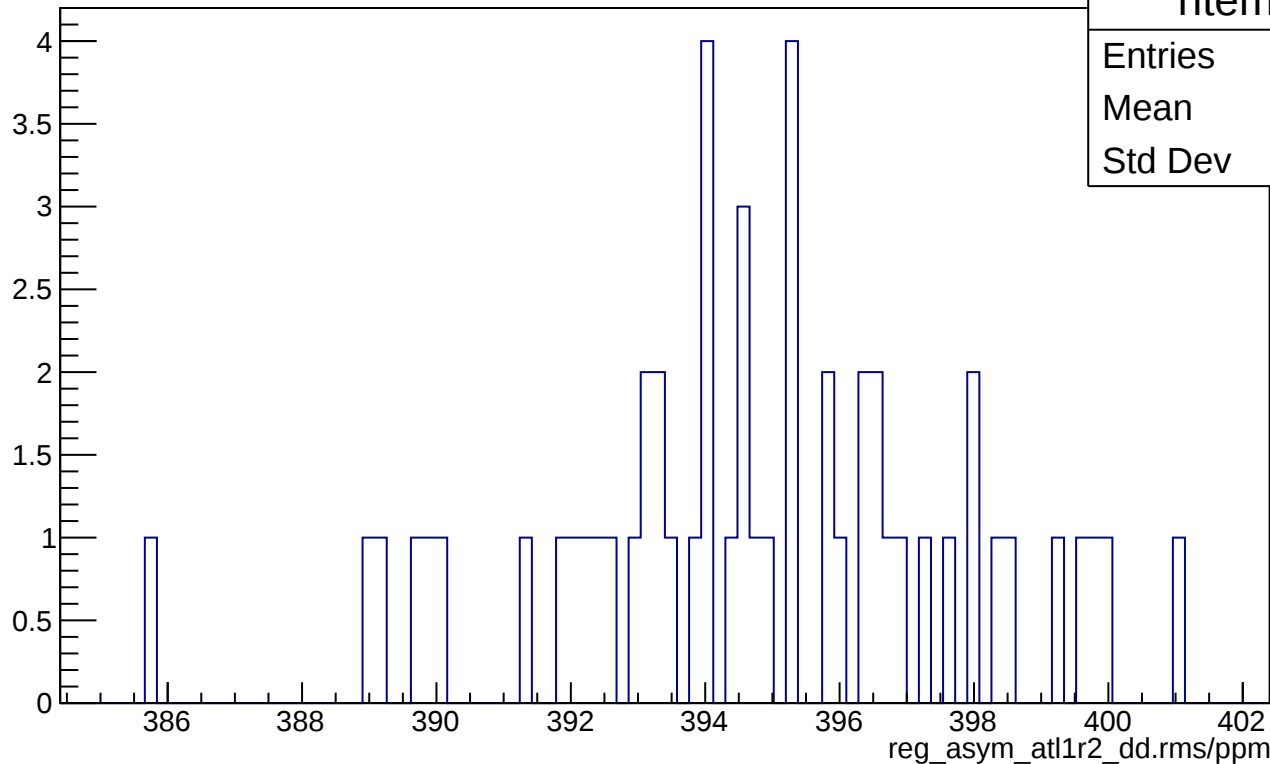
χ^2 / ndf
p0

54.53 / 52

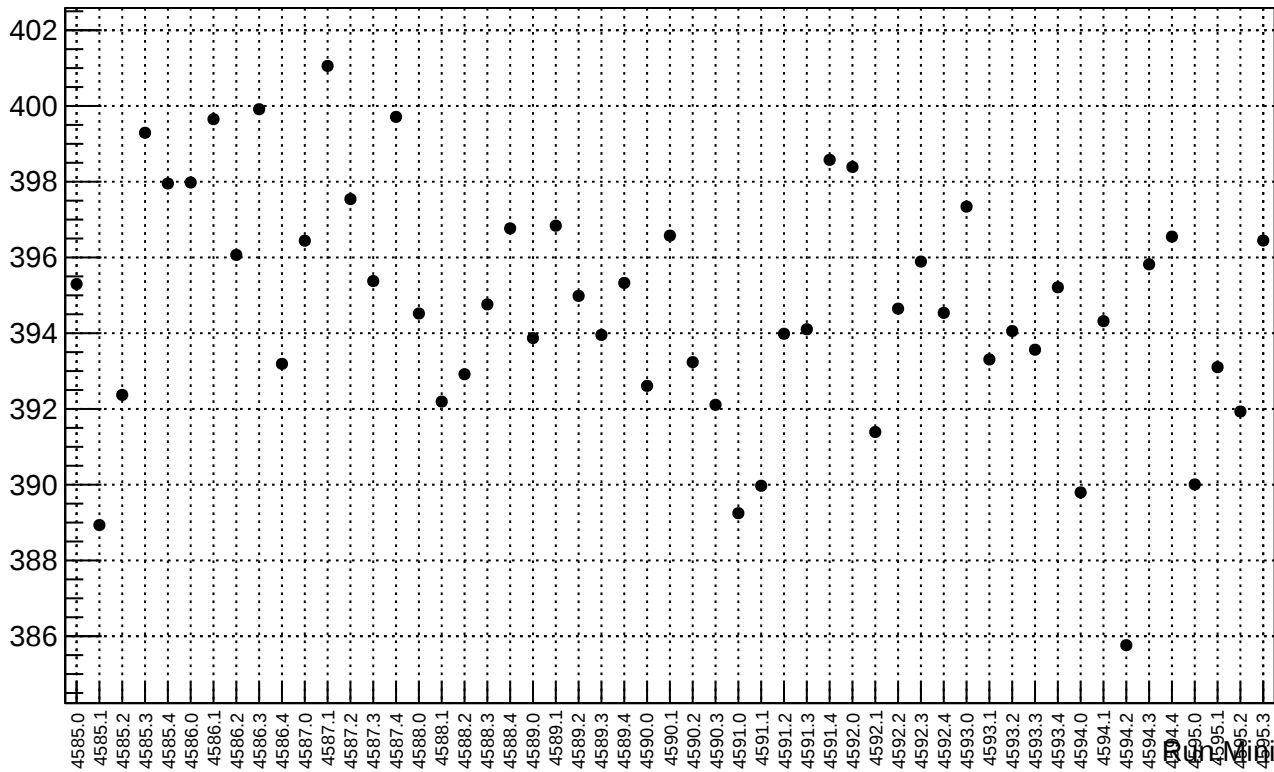
541.1 ± 545.5



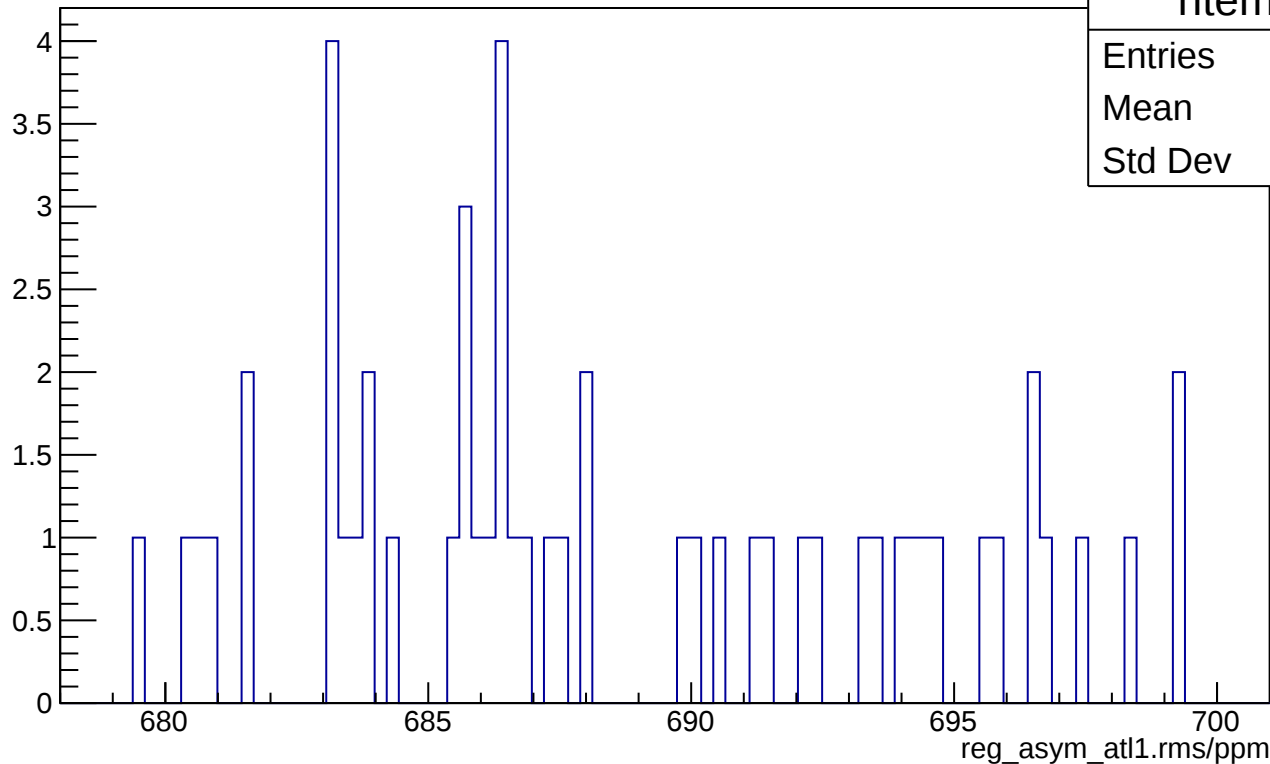
reg_asym_atl1r2_dd.rms/ppm



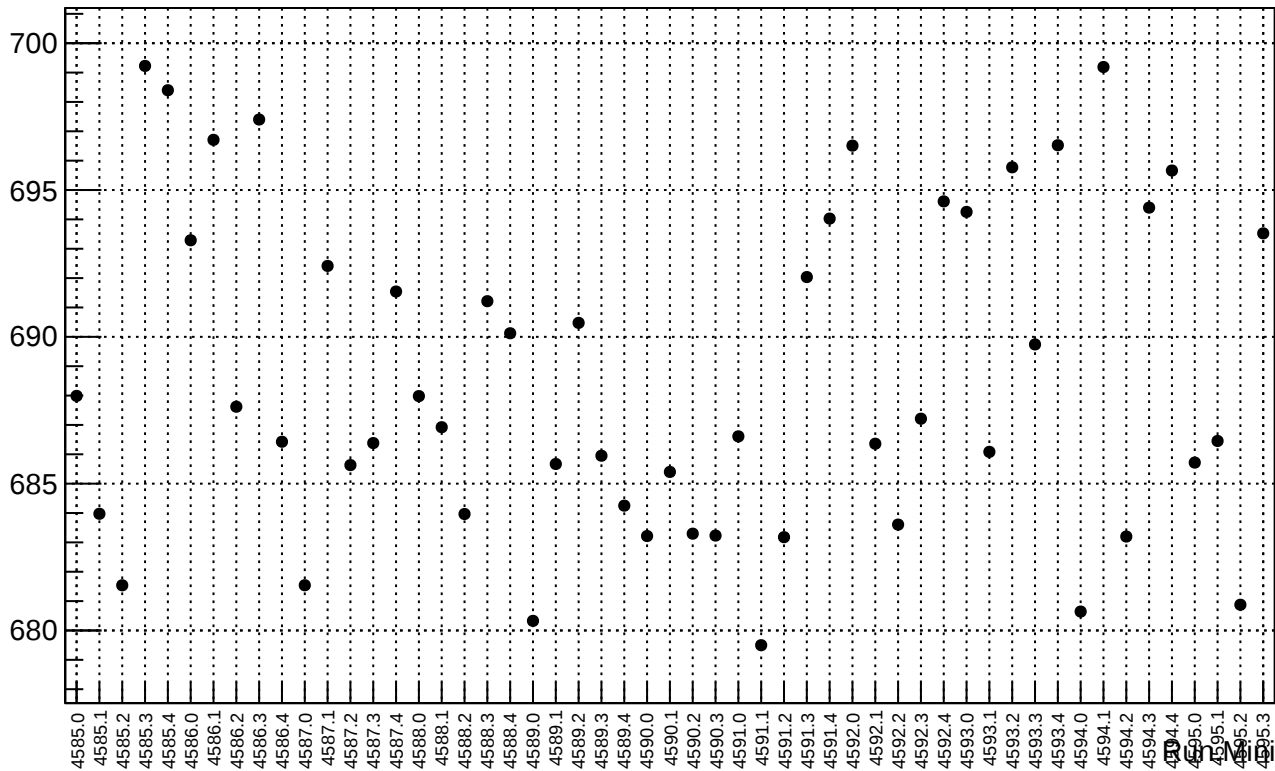
reg_asym_atl1r2_dd.rms/ppm



reg_asym_atl1.rms/ppm



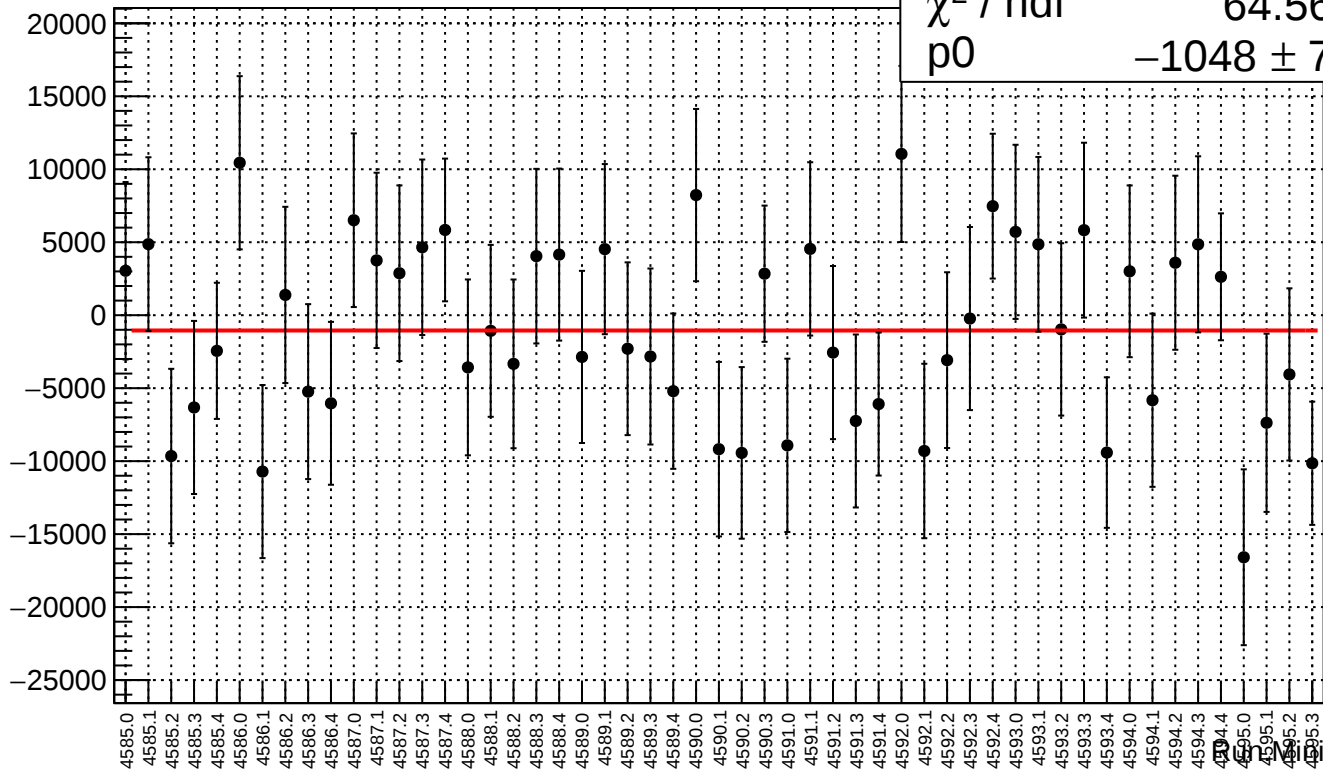
reg_asym_atl1.rms/ppm



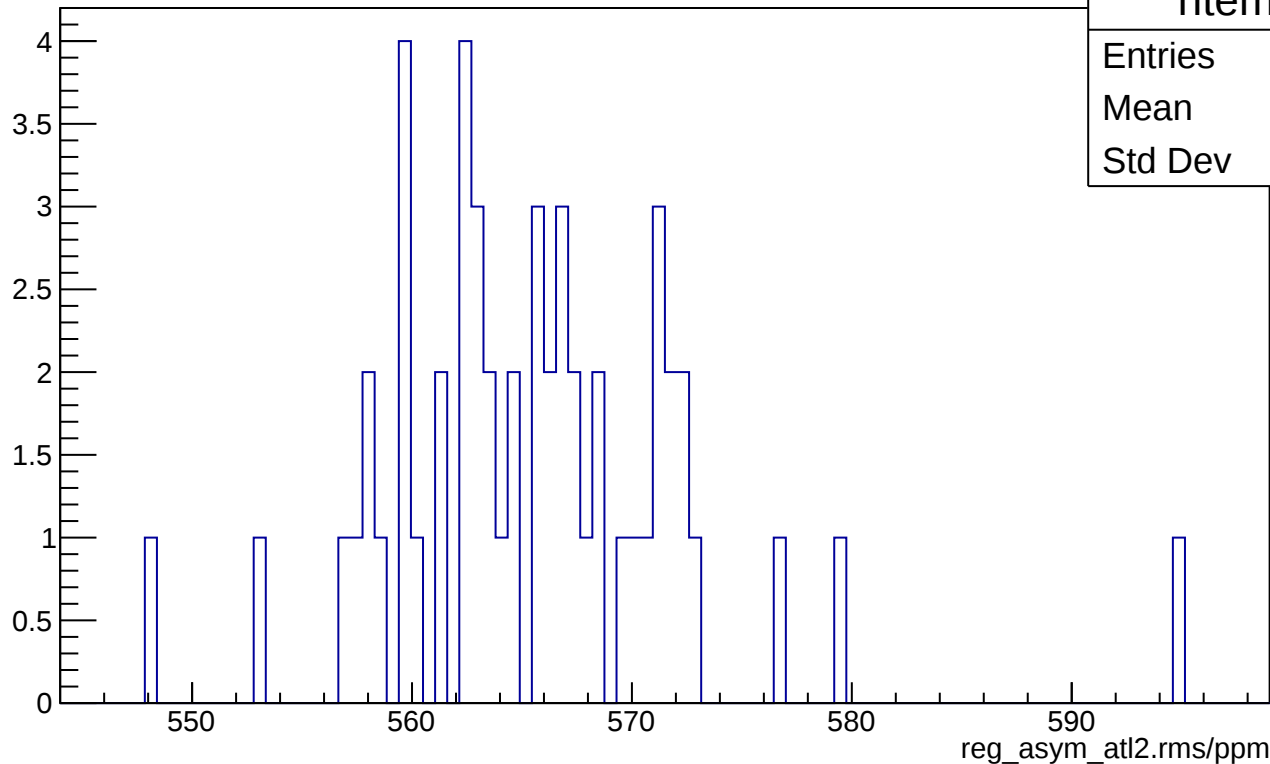
reg_asym_atl2.mean/ppb

χ^2 / ndf
p0

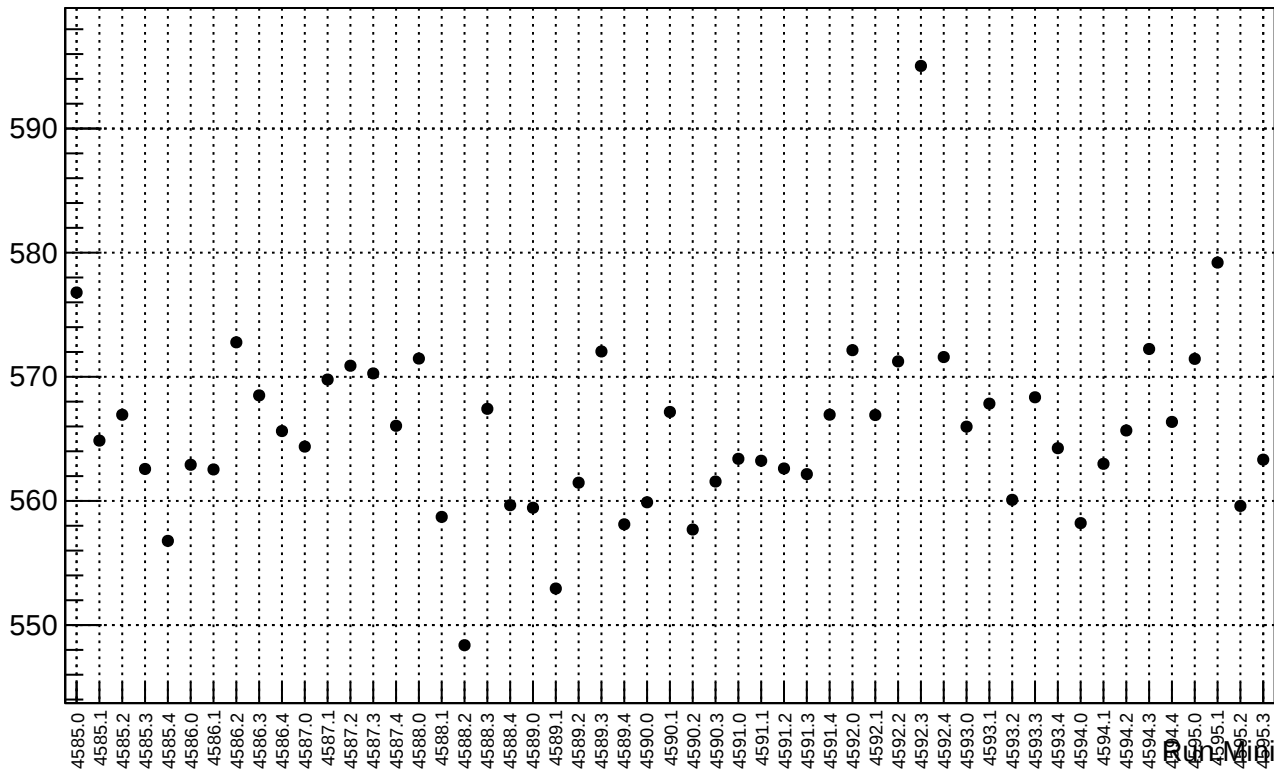
64.56 / 52
 -1048 ± 781.2



reg_asym_atl2.rms/ppm



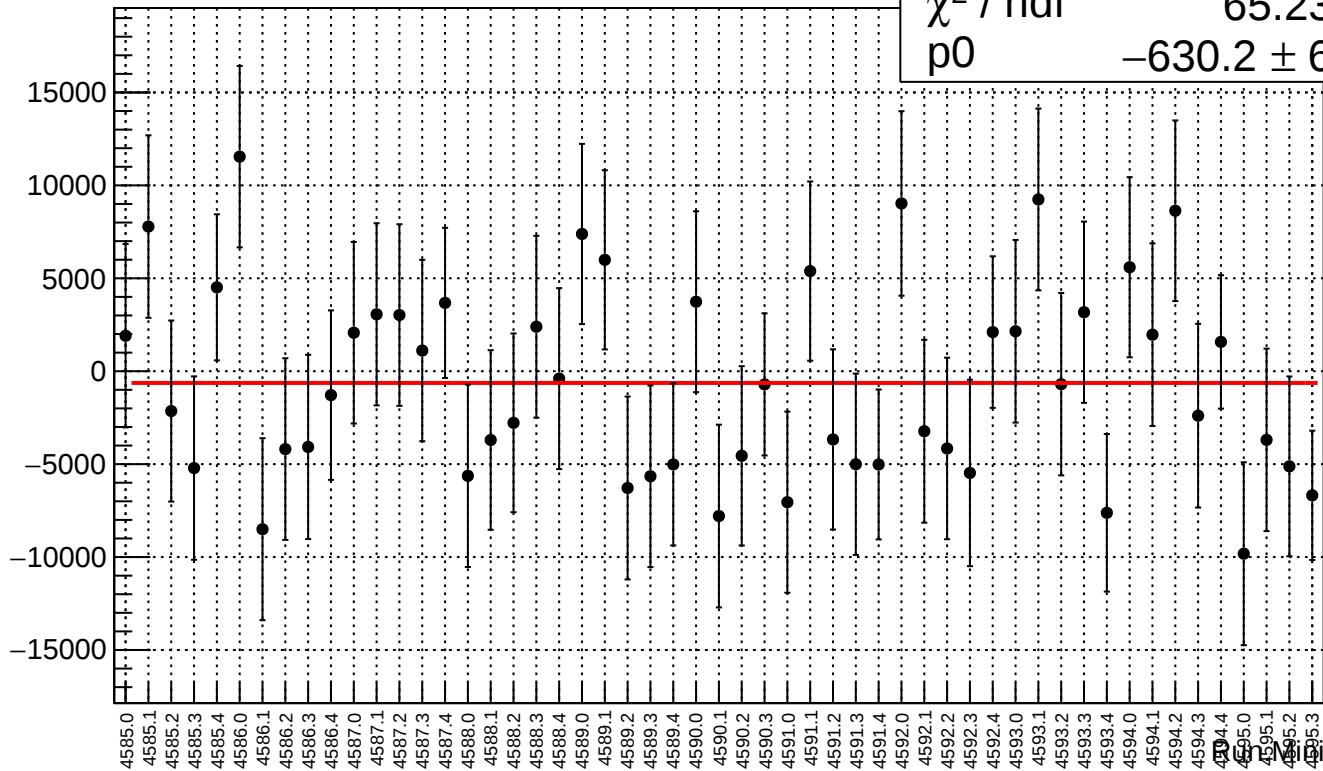
reg_asym_atl2.rms/ppm



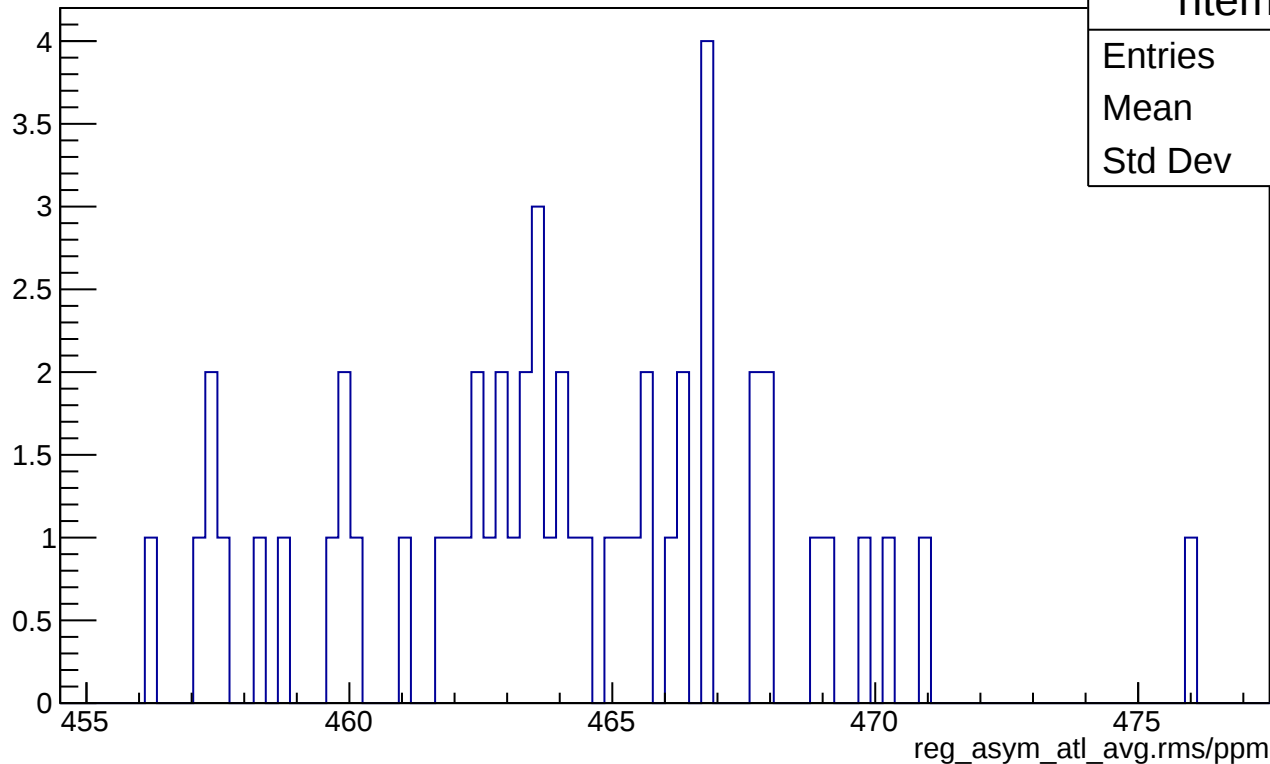
reg_asym_atl_avg.mean/ppb

χ^2 / ndf
p0

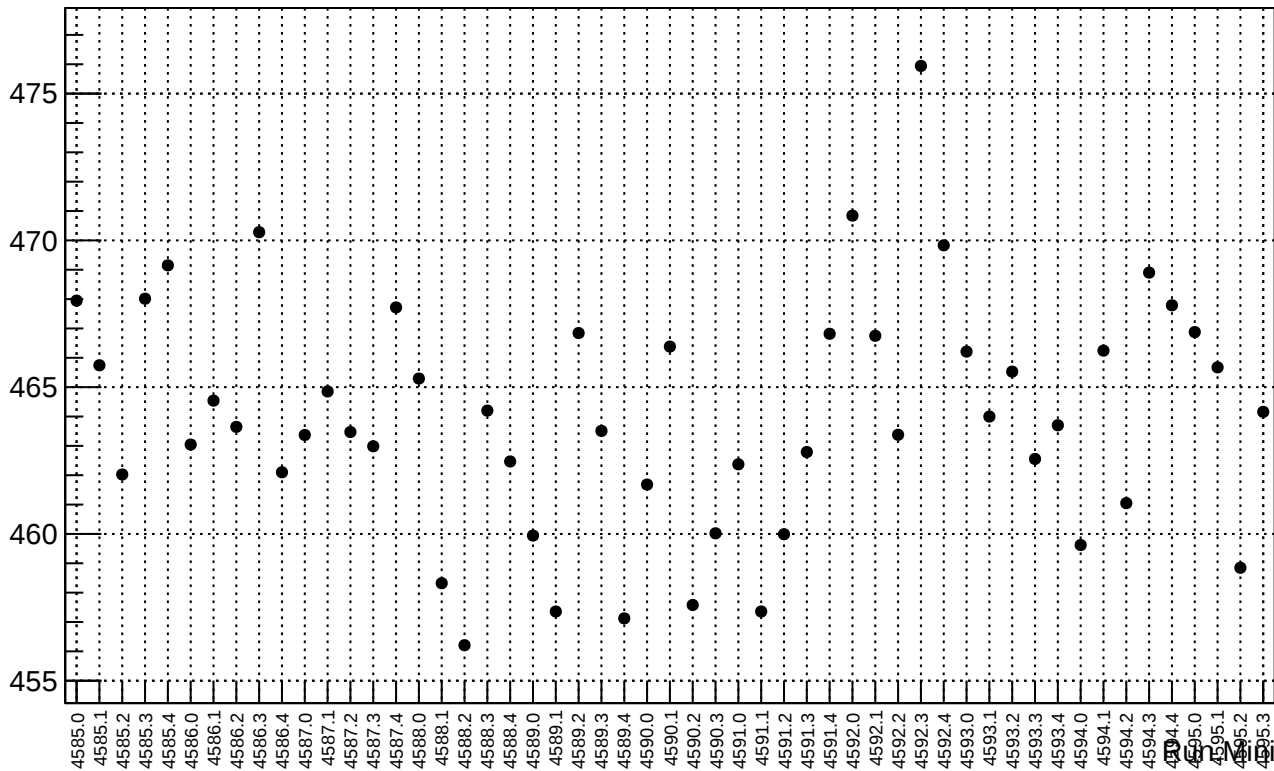
65.23 / 52
 -630.2 ± 641.3



reg_asym_atl_avg.rms/ppm



reg_asym_atl_avg.rms/ppm

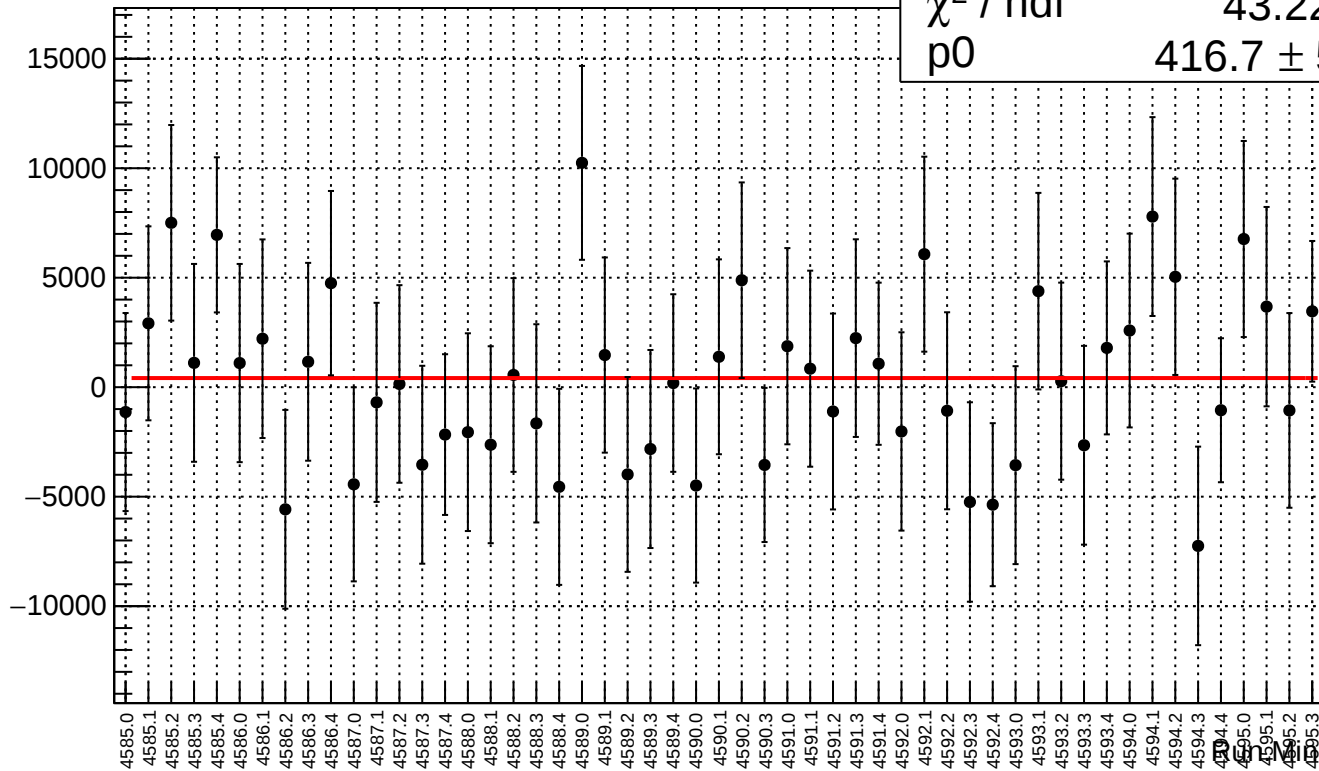


reg_asym_atl_dd.mean/ppb

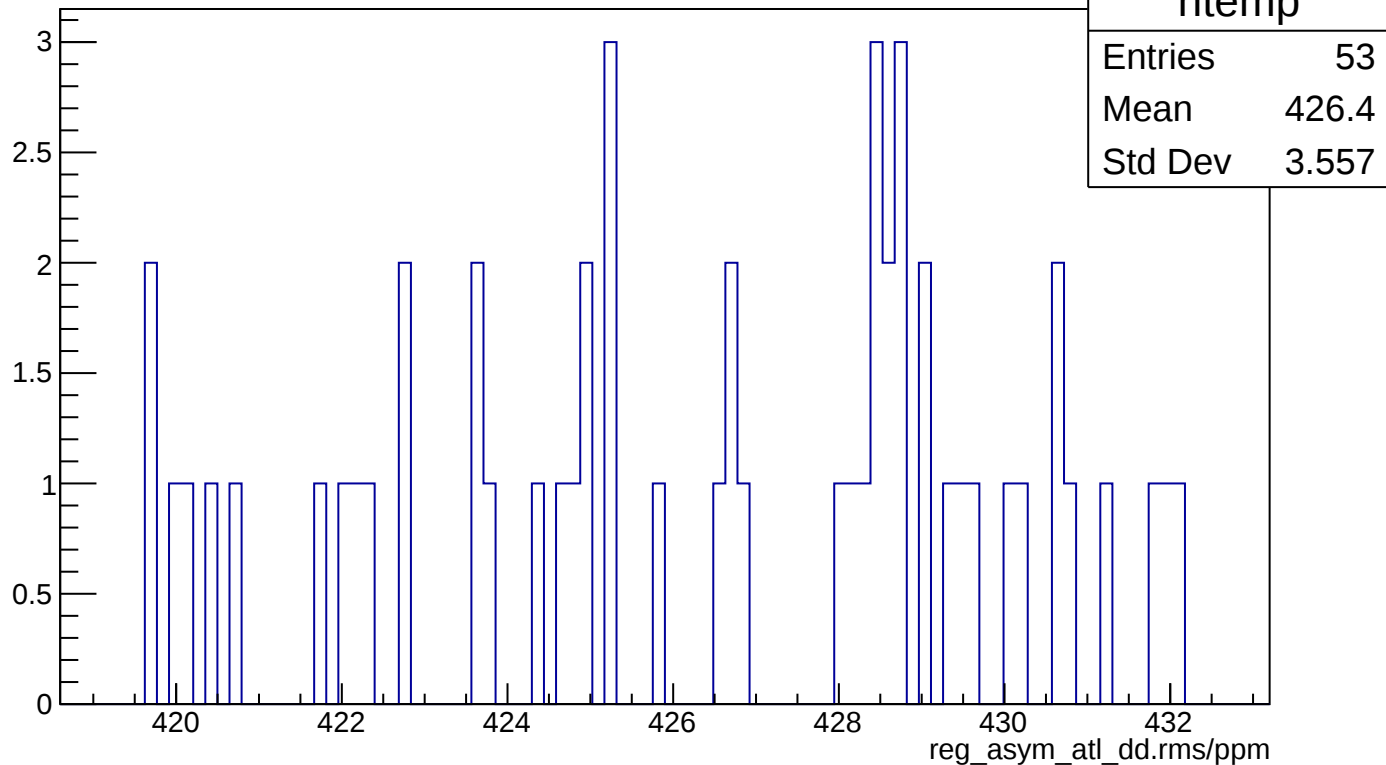
χ^2 / ndf
p0

43.22 / 52

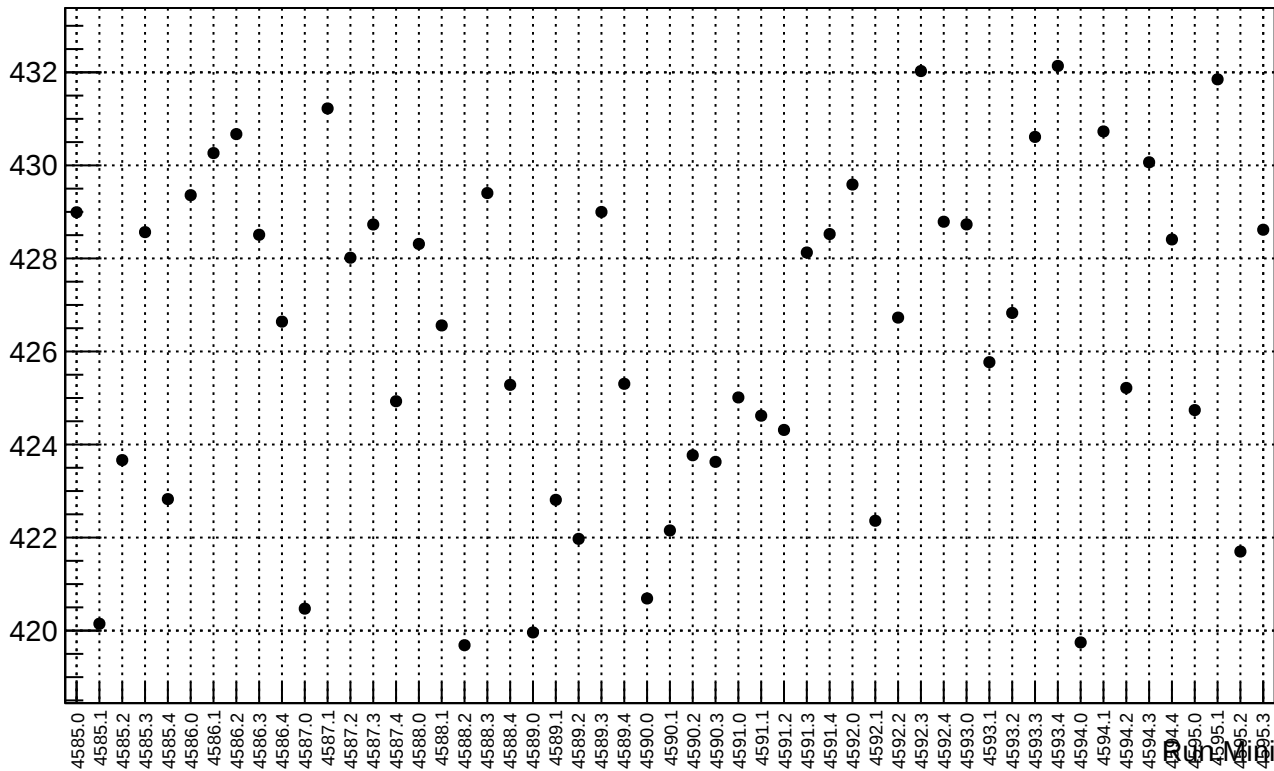
416.7 ± 589.1



reg_asym_atl_dd.rms/ppm



reg_asym_atl_dd.rms/ppm

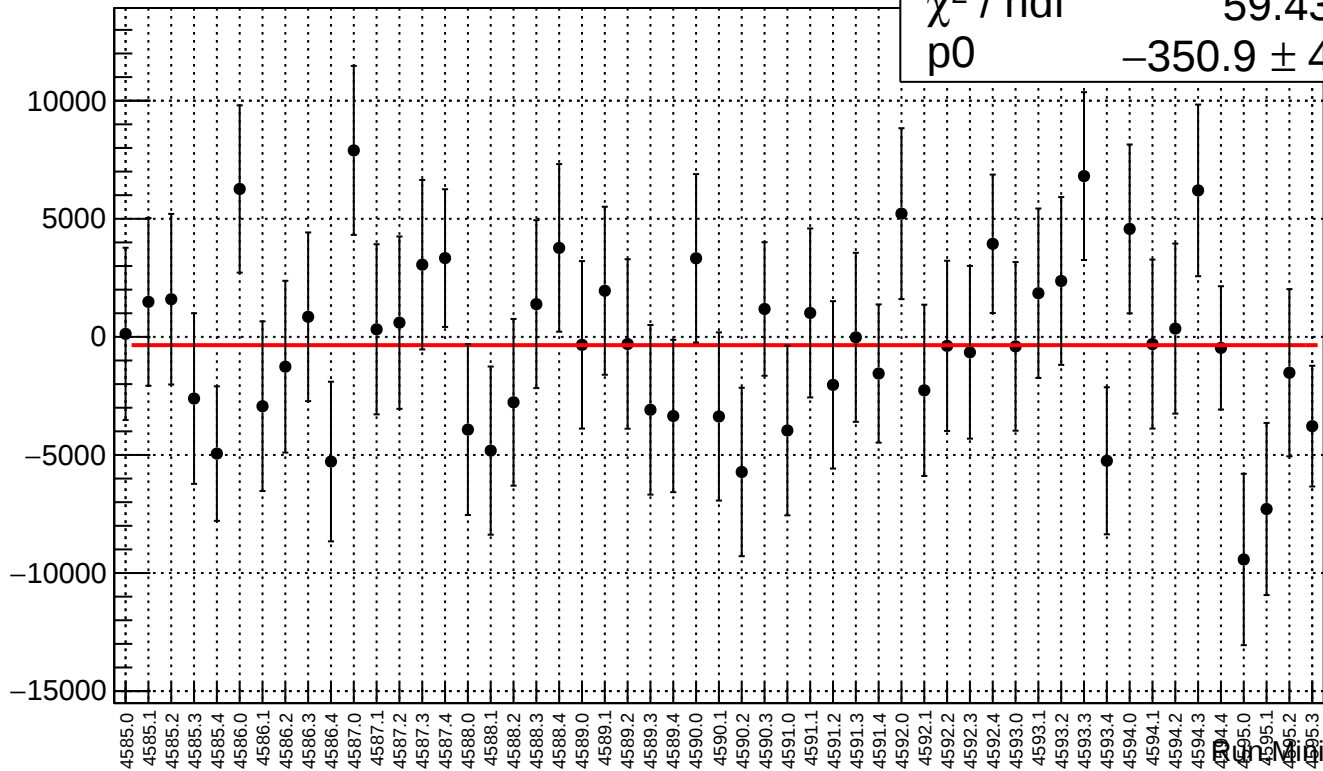


reg_asym_atr1l2_avg.mean/ppb

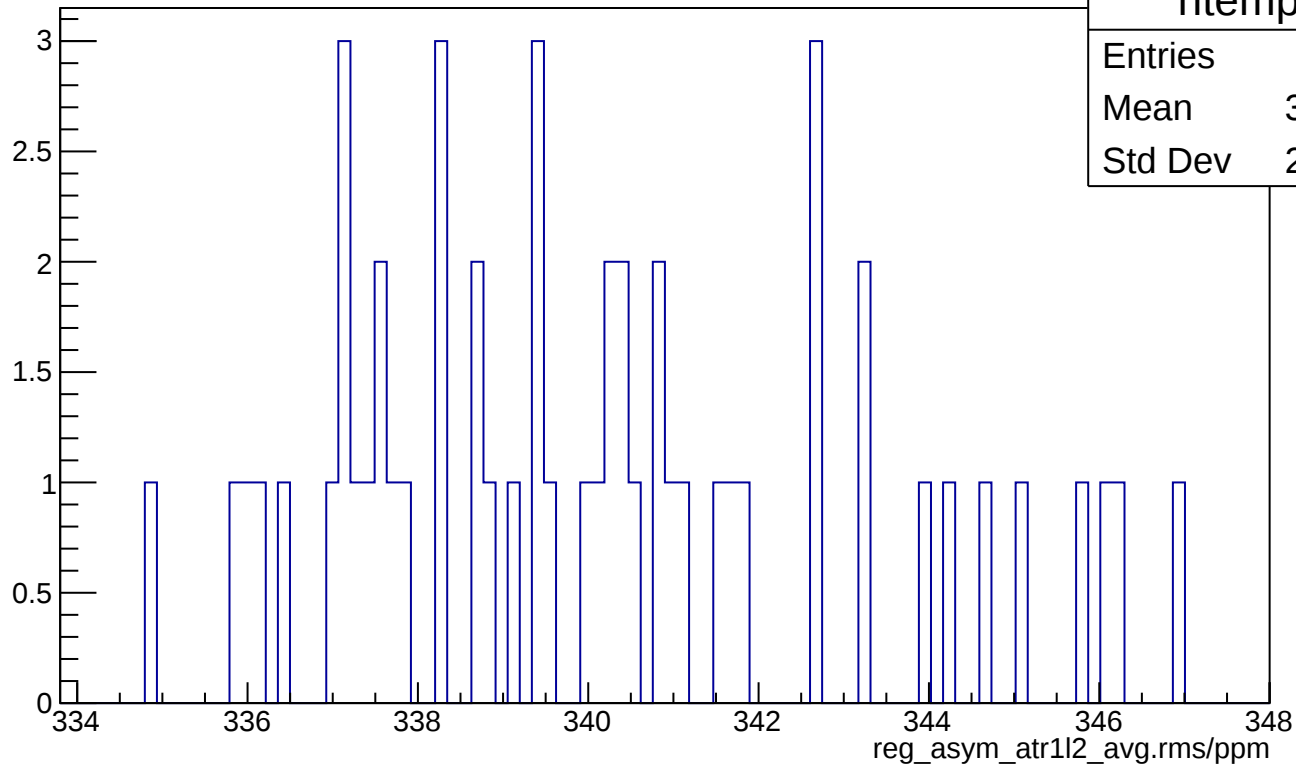
χ^2 / ndf
p0

59.43 / 52

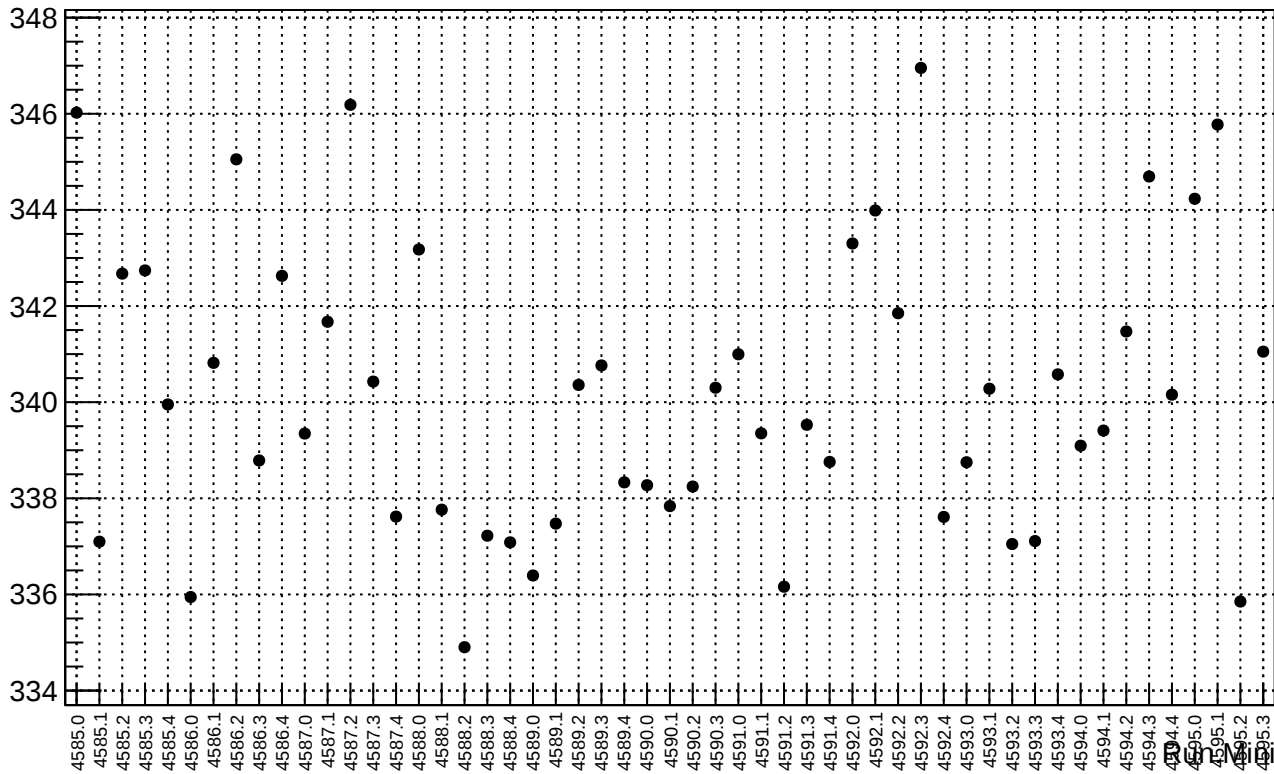
-350.9 ± 469.9



reg_asym_atr1l2_avg.rms/ppm



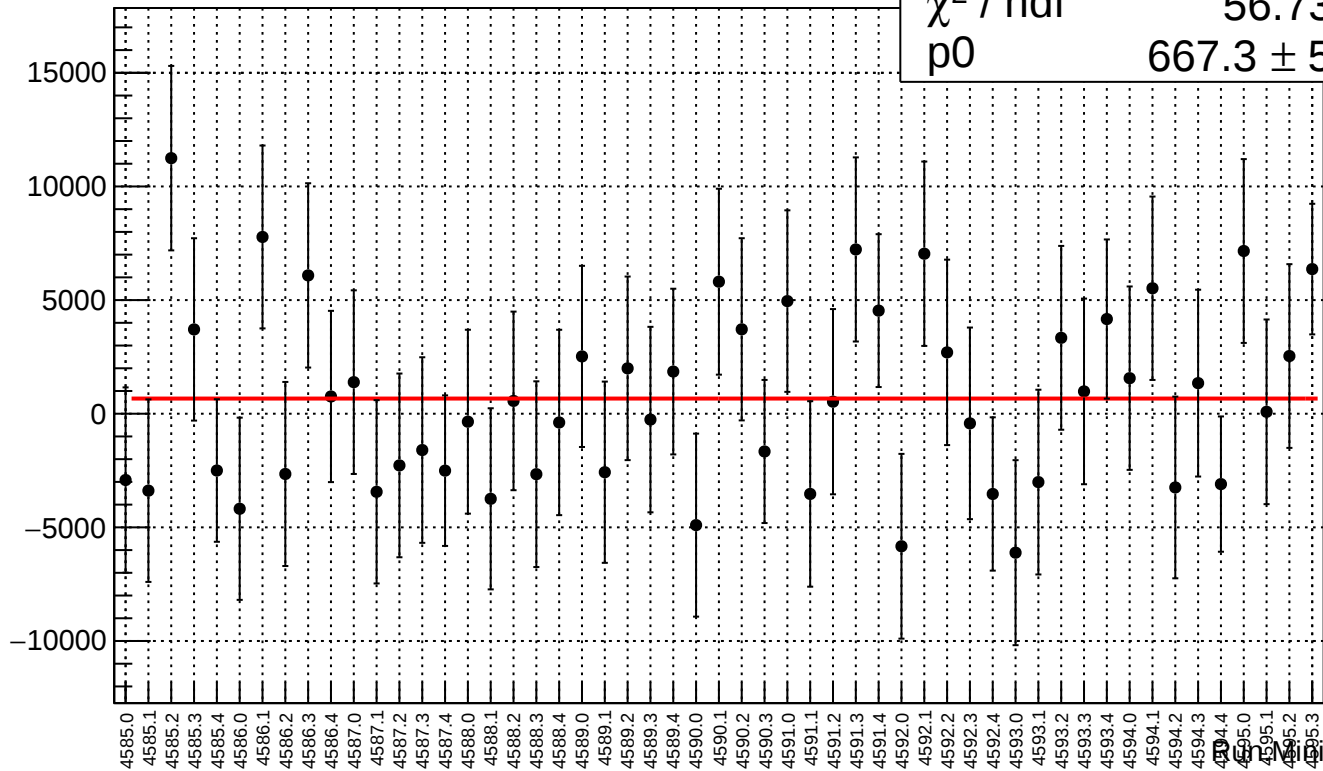
reg_asym_atr1l2_avg.rms/ppm



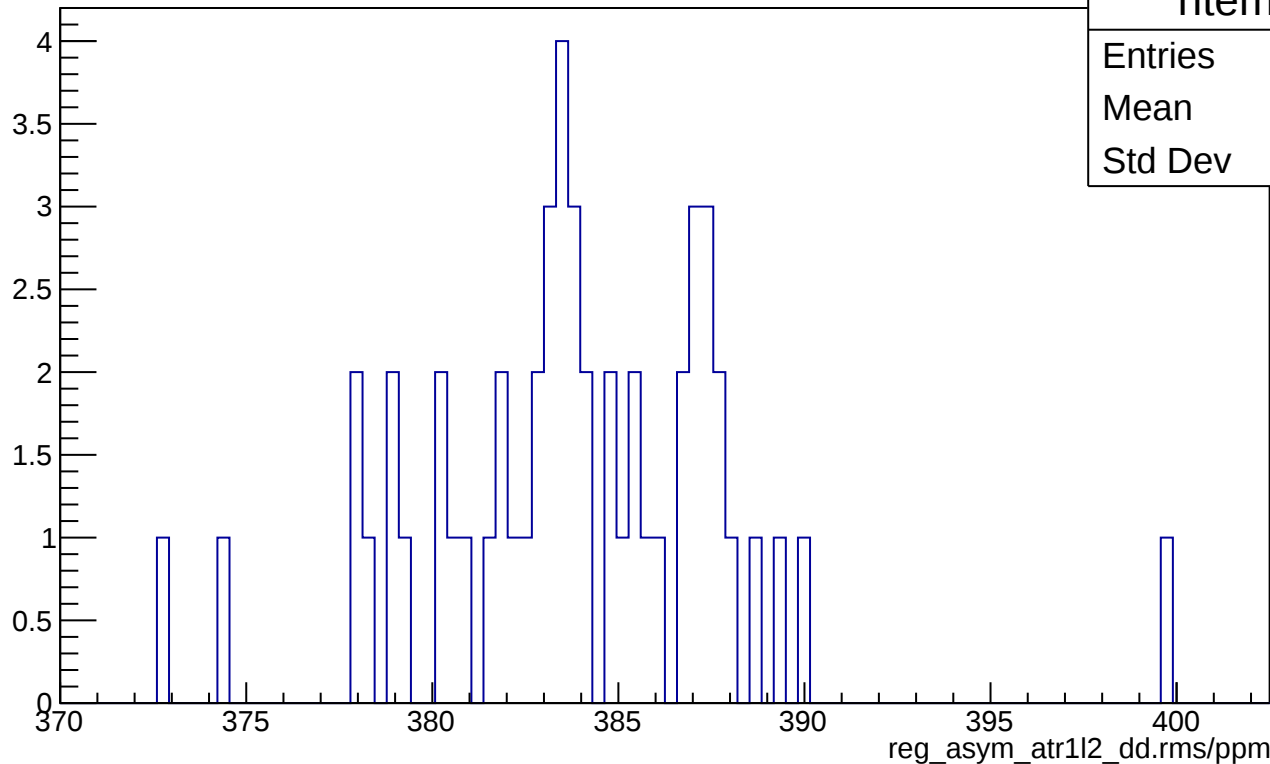
reg_asym_atr1l2_dd.mean/ppb

χ^2 / ndf
p0

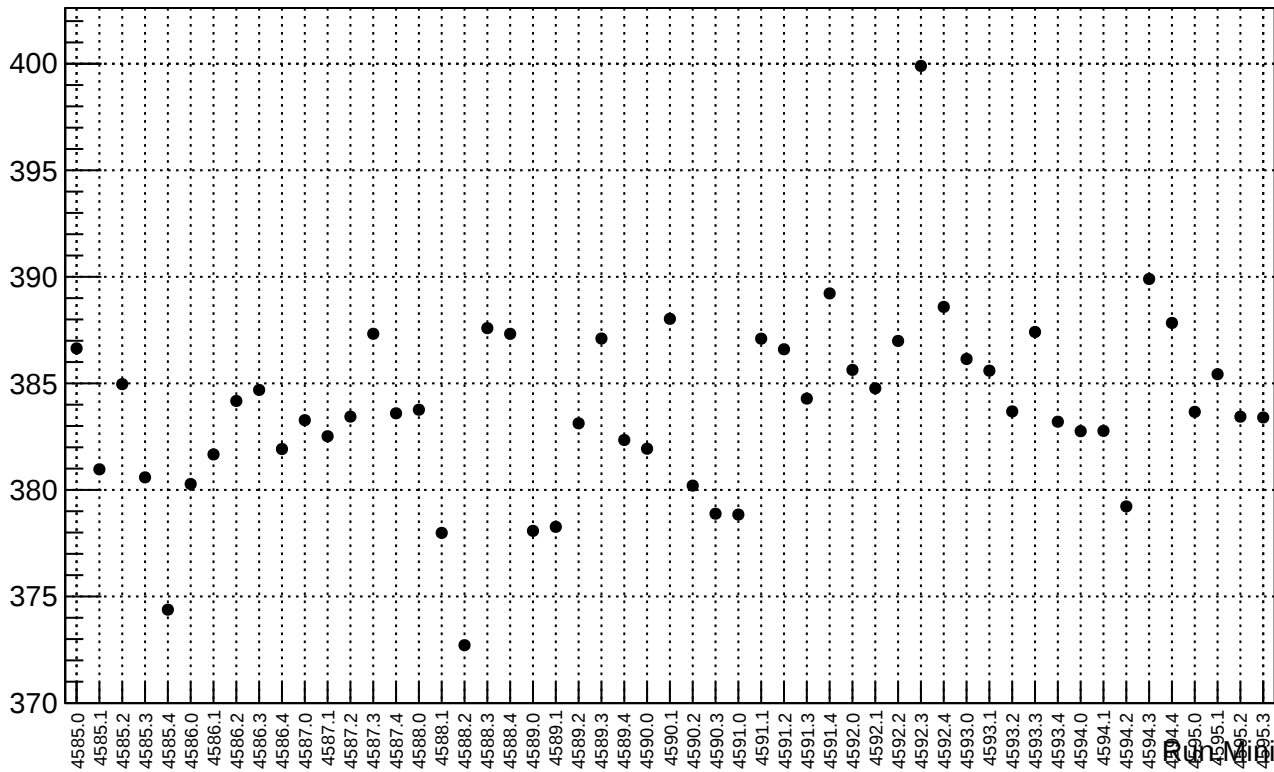
56.73 / 52
 667.3 ± 530.2



reg_asym_atr1l2_dd.rms/ppm



reg_asym_atr1l2_dd.rms/ppm



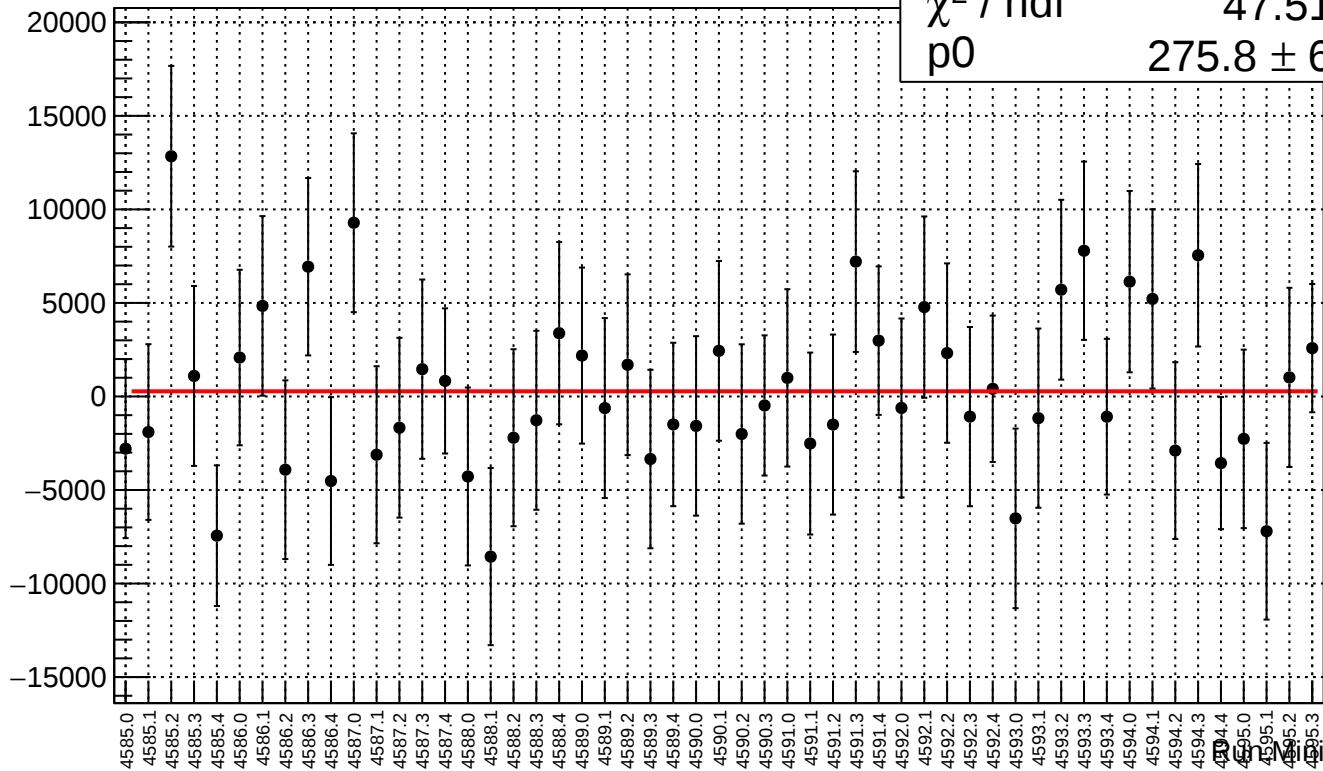
reg_asym_atr1.mean/ppb

χ^2 / ndf

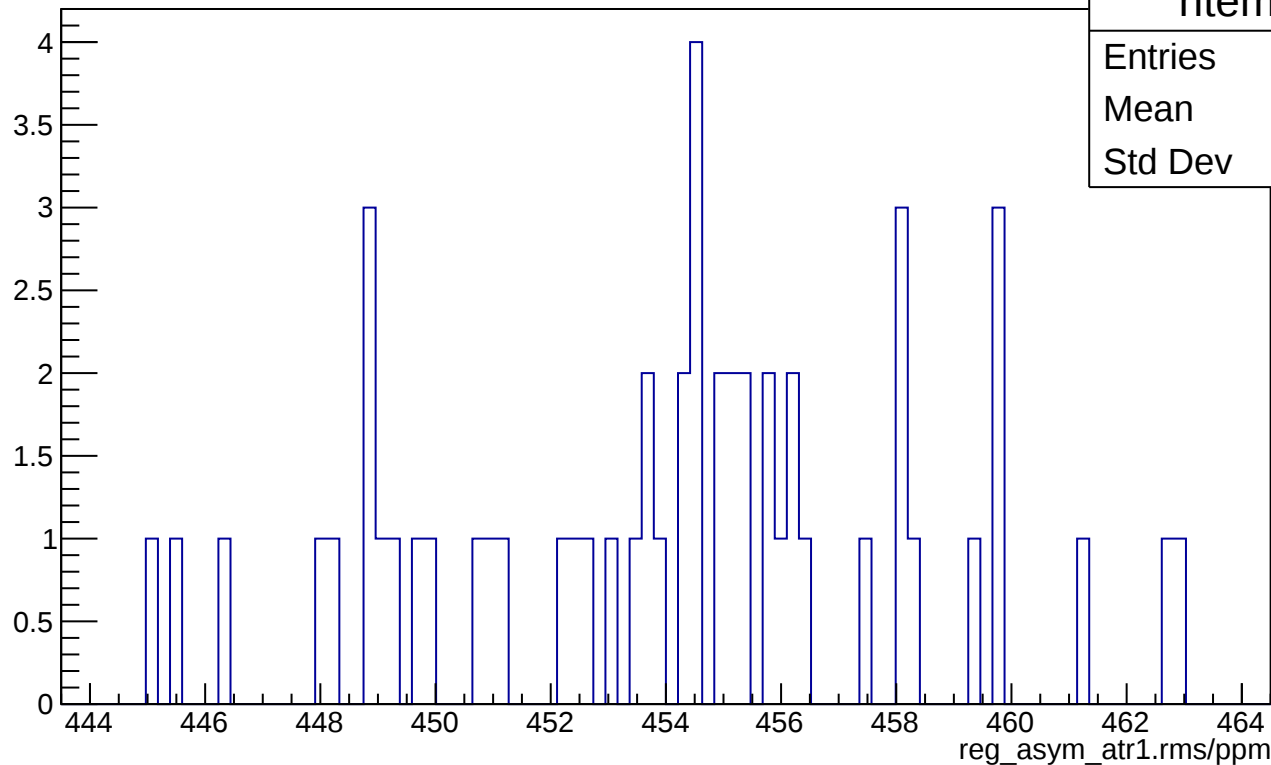
47.51 / 52

p0

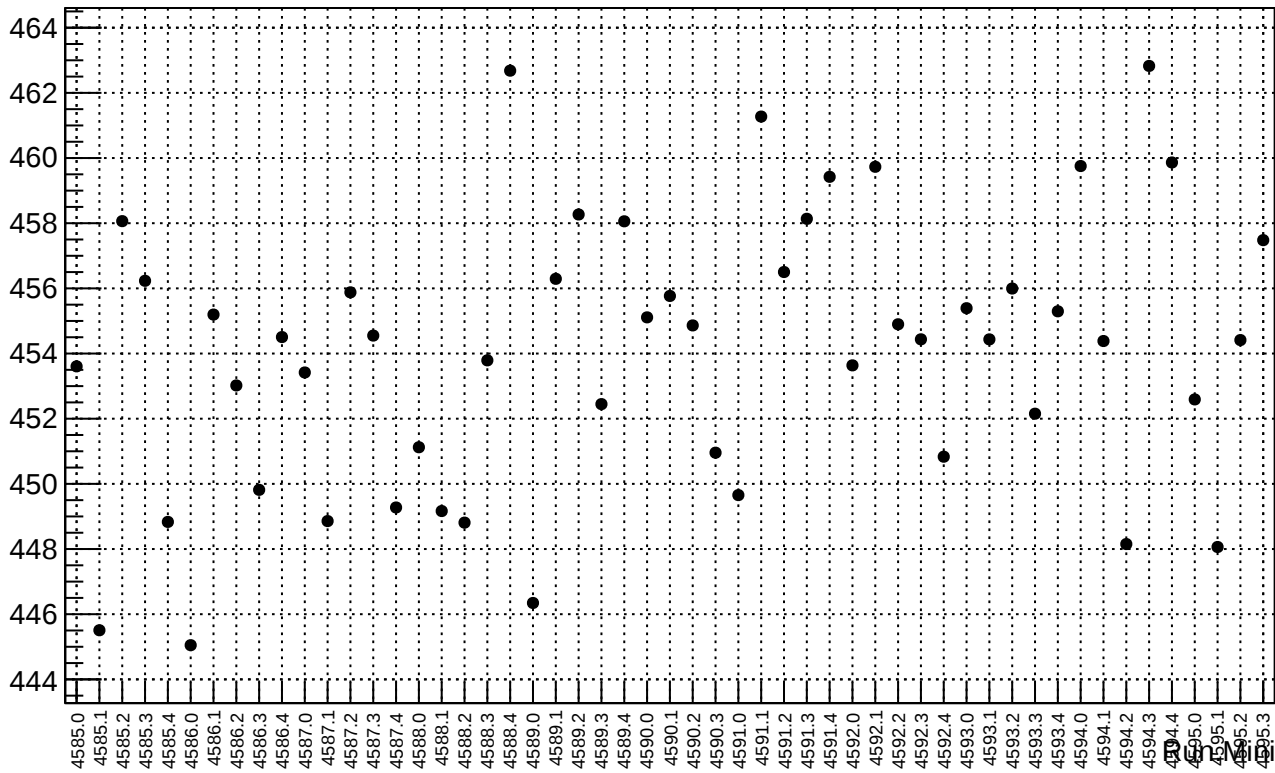
275.8 ± 627.4



reg_asym_atr1.rms/ppm



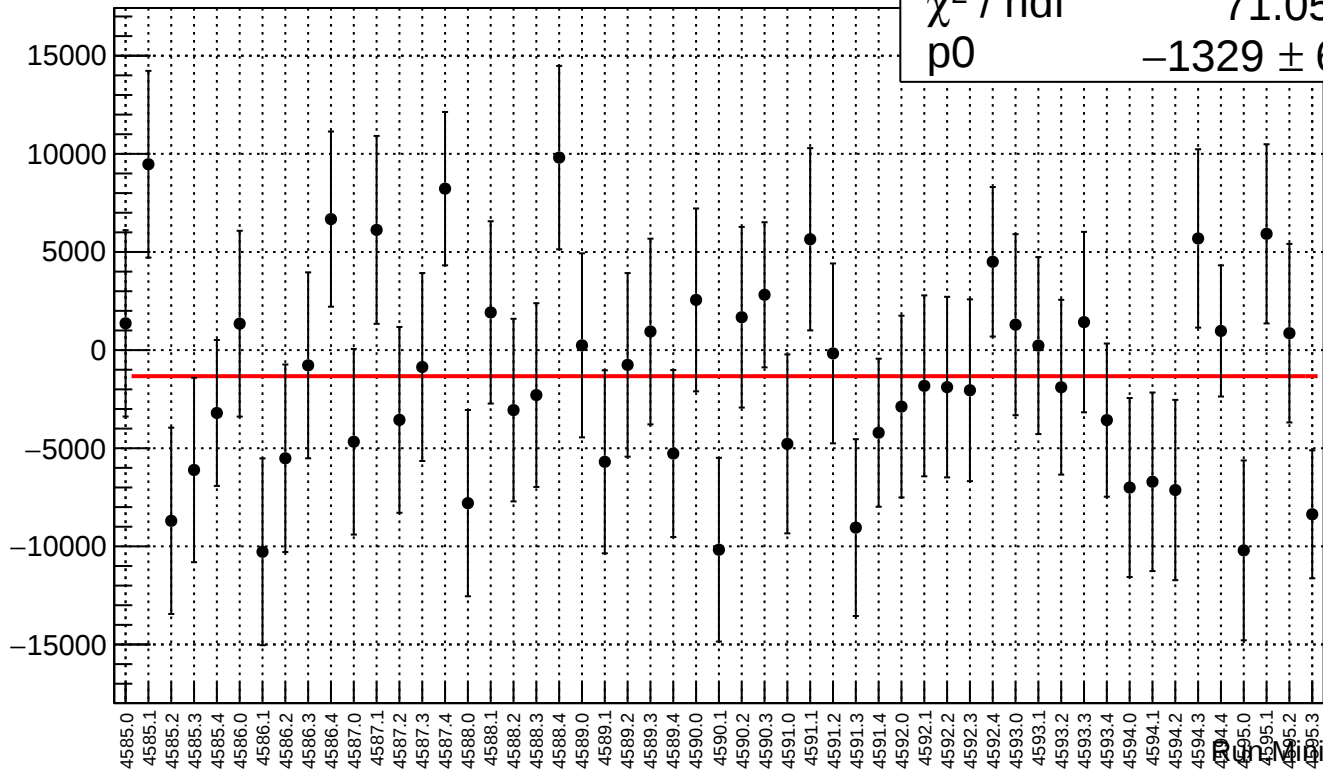
reg_asym_atr1.rms/ppm



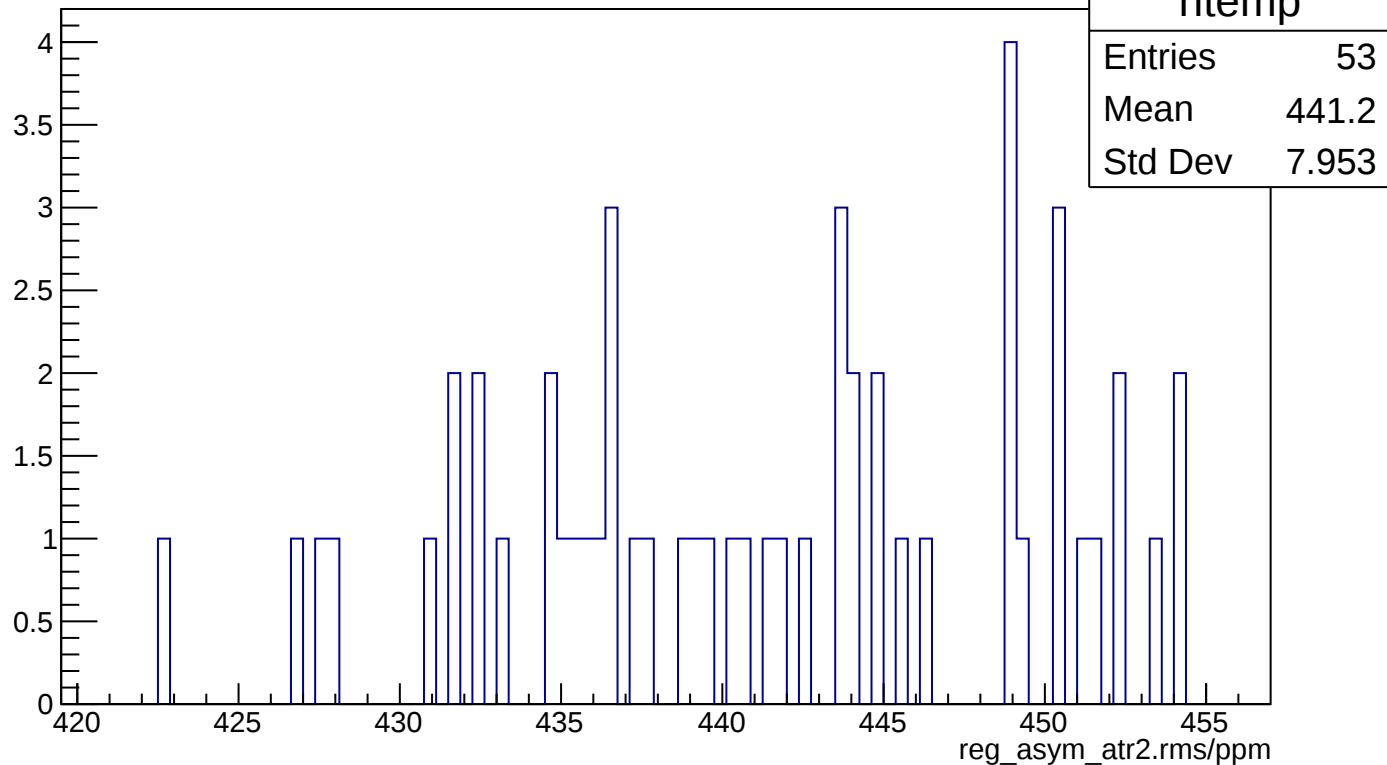
reg_asym_atr2.mean/ppb

χ^2 / ndf
p0

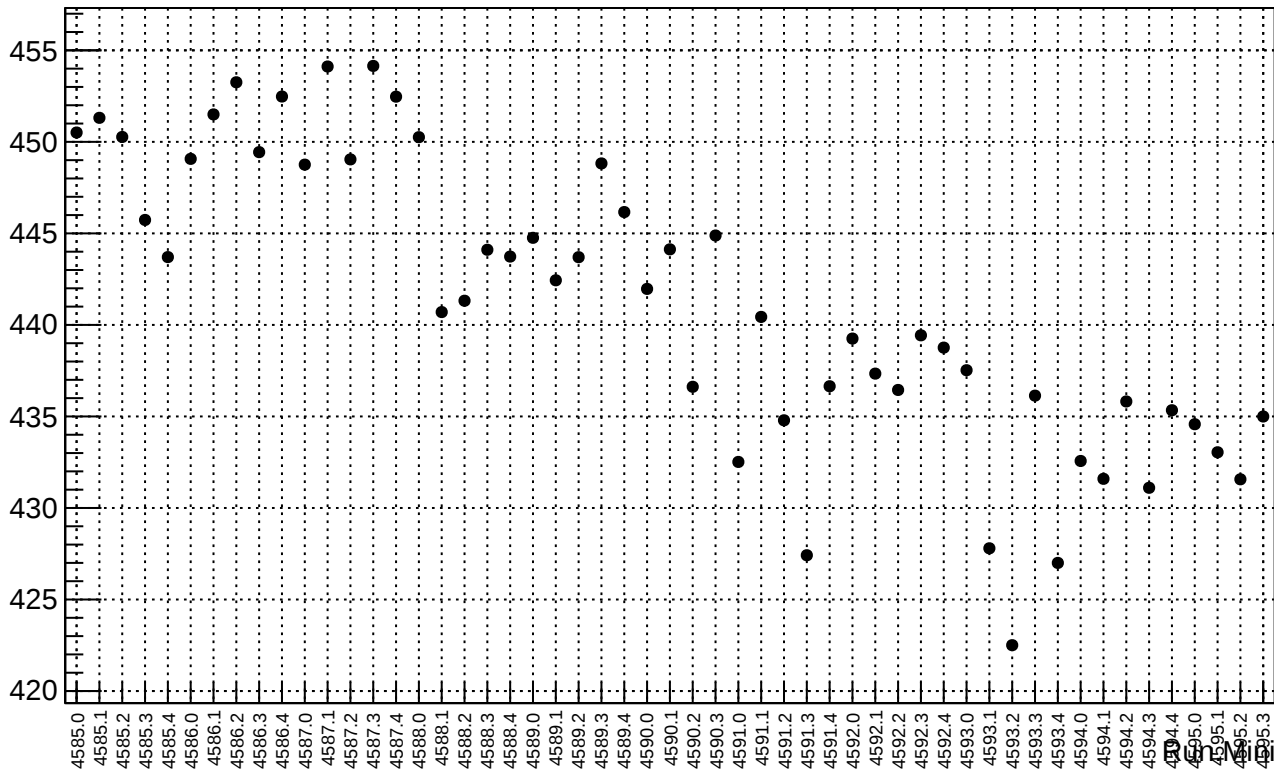
71.05 / 52
 -1329 ± 609.1



reg_asym_atr2.rms/ppm



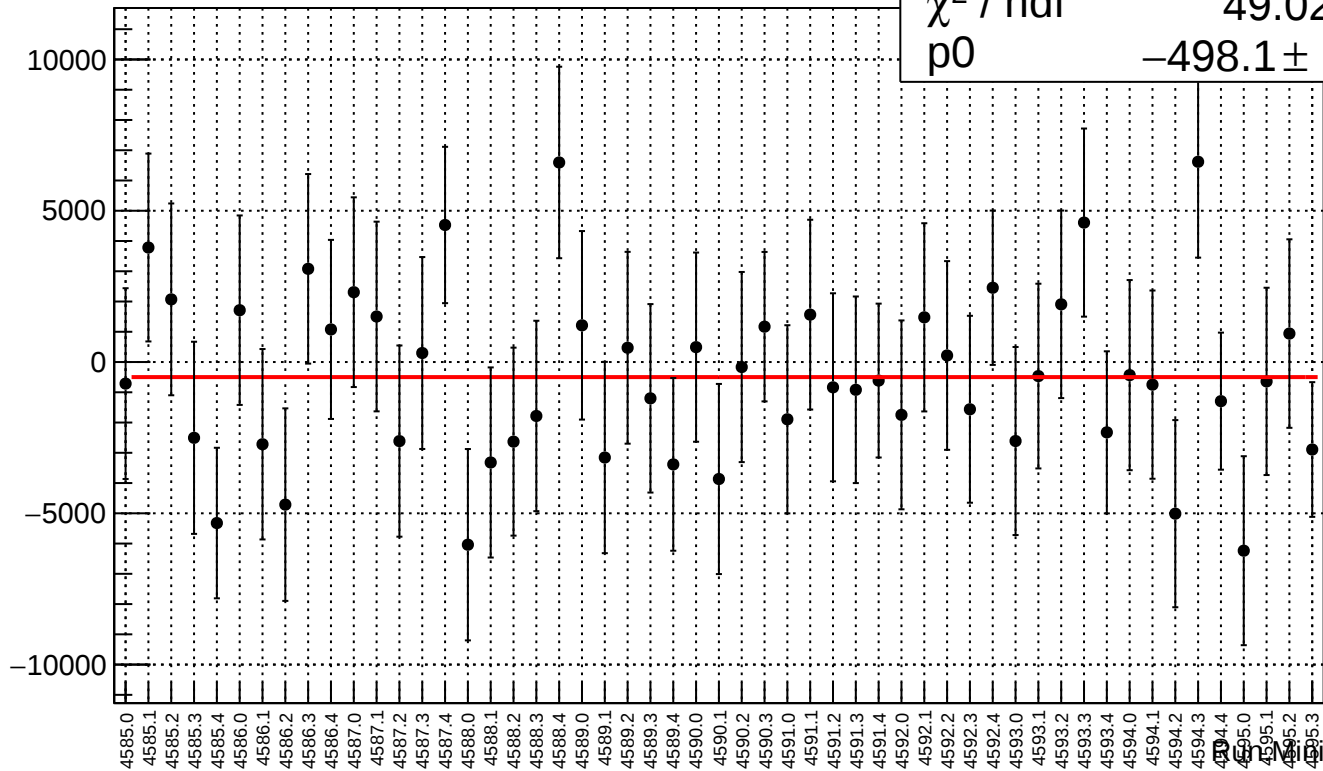
reg_asym_atr2.rms/ppm



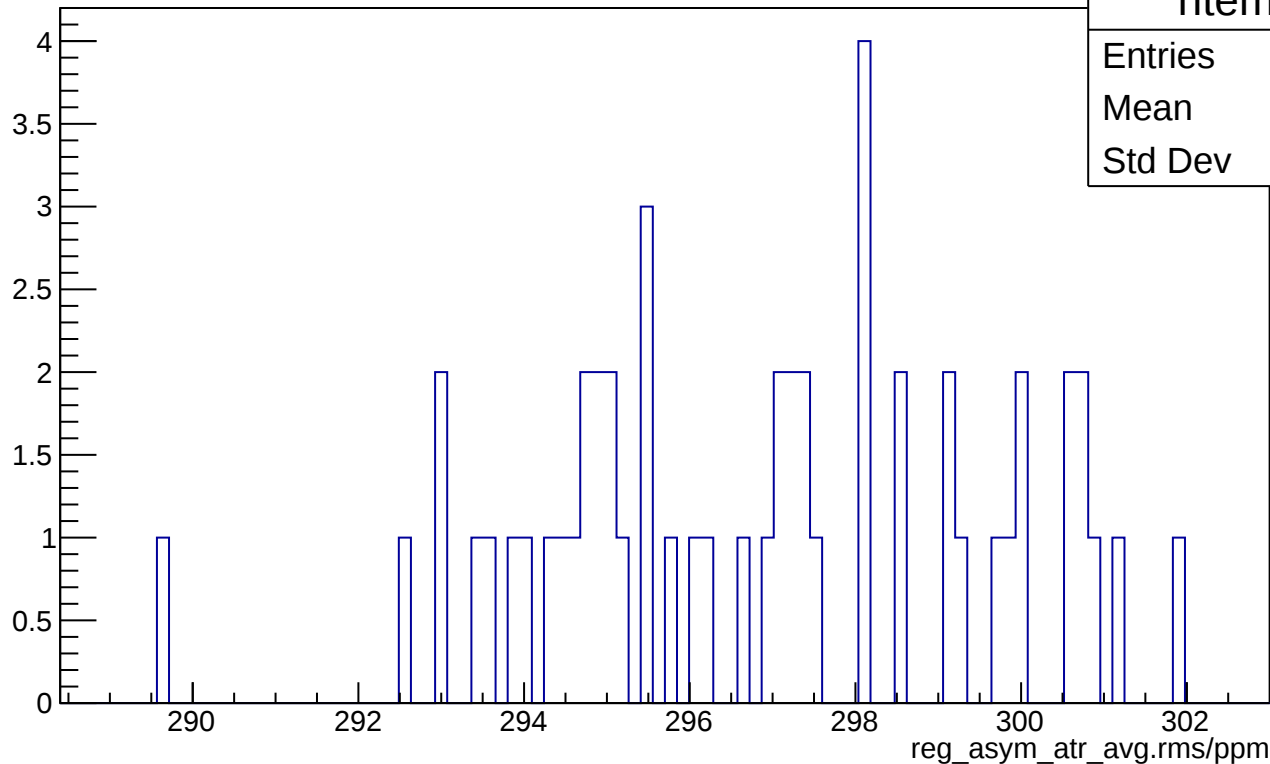
reg_asym_atr_avg.mean/ppb

χ^2 / ndf
p0

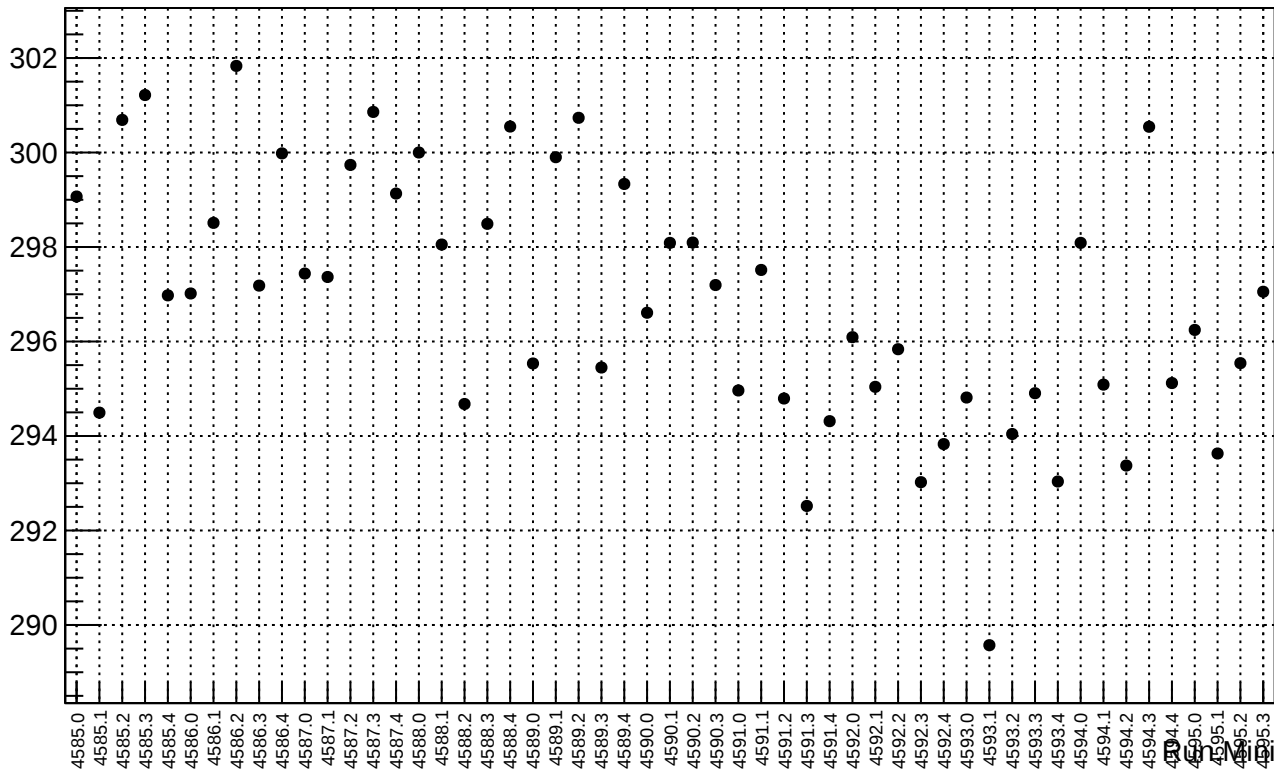
49.02 / 52
-498.1 ± 410



reg_asym_atr_avg.rms/ppm



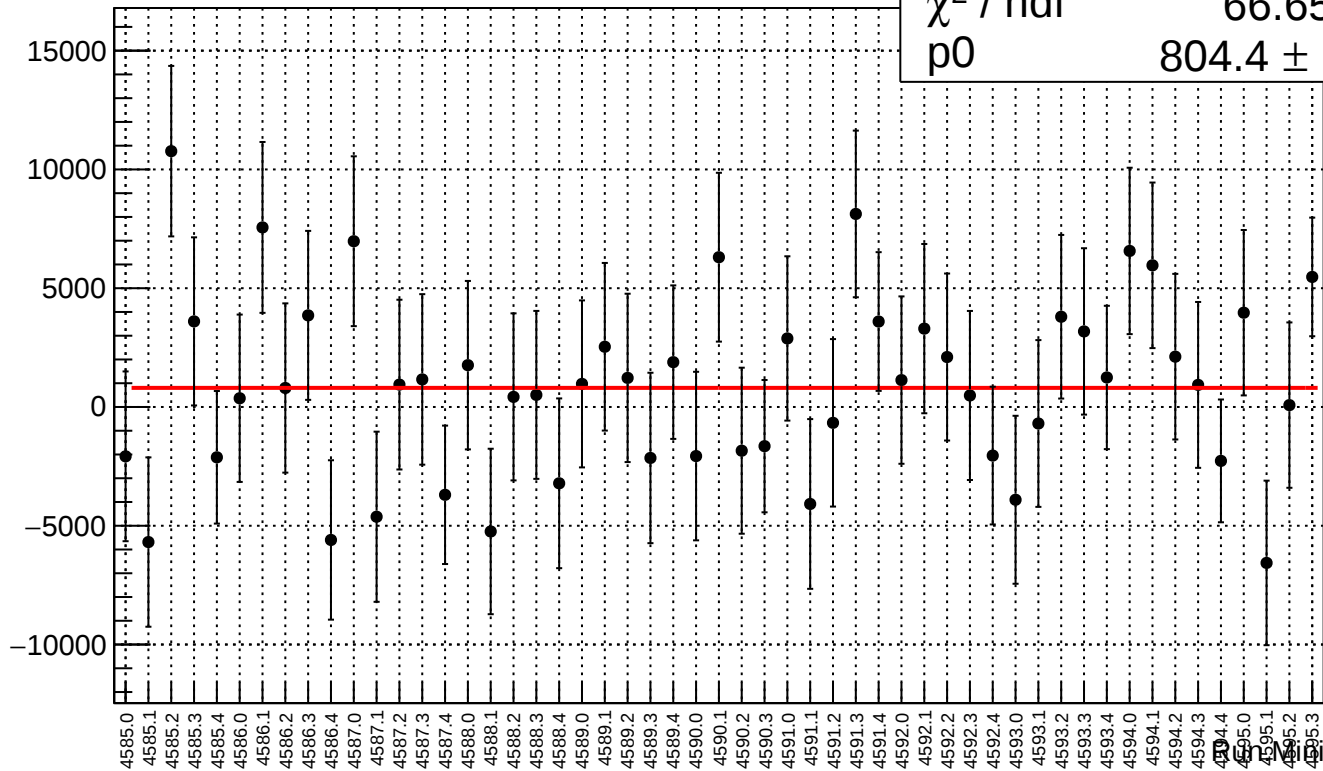
reg_asym_atr_avg.rms/ppm



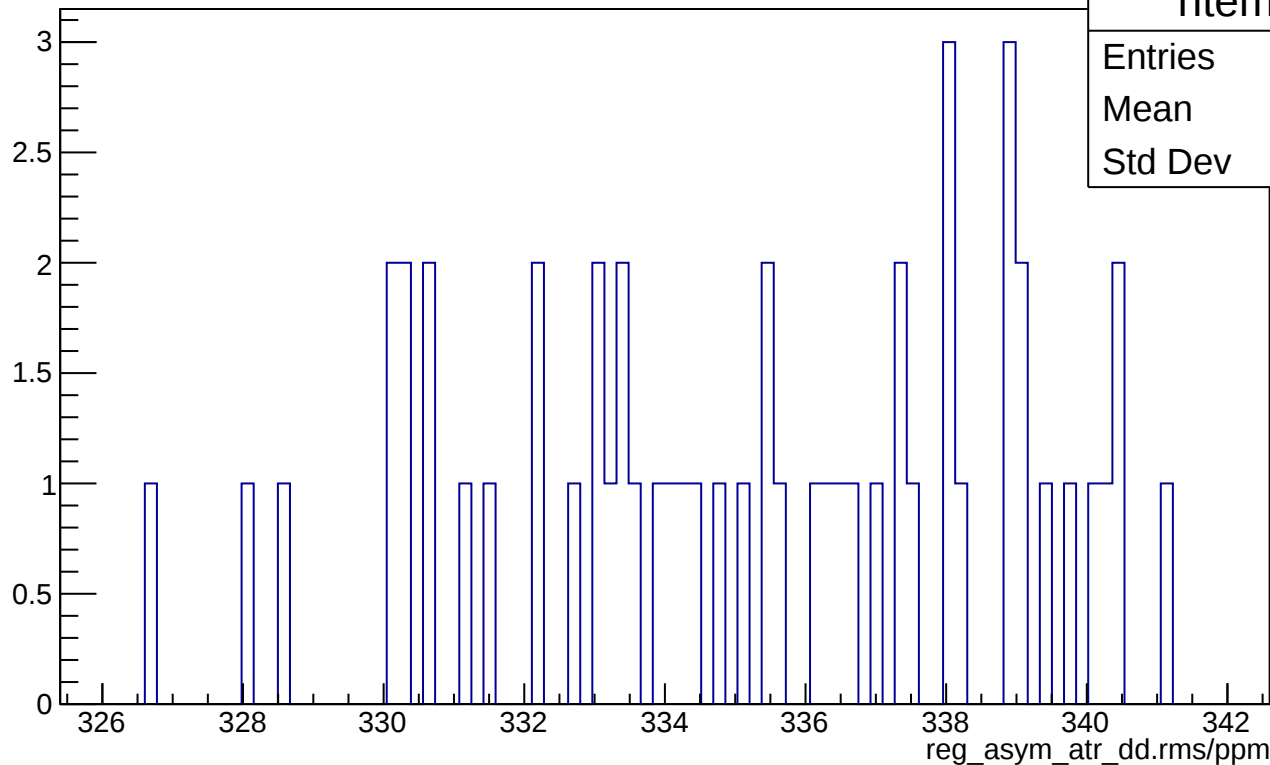
reg_asym_atr_dd.mean/ppb

χ^2 / ndf
p0

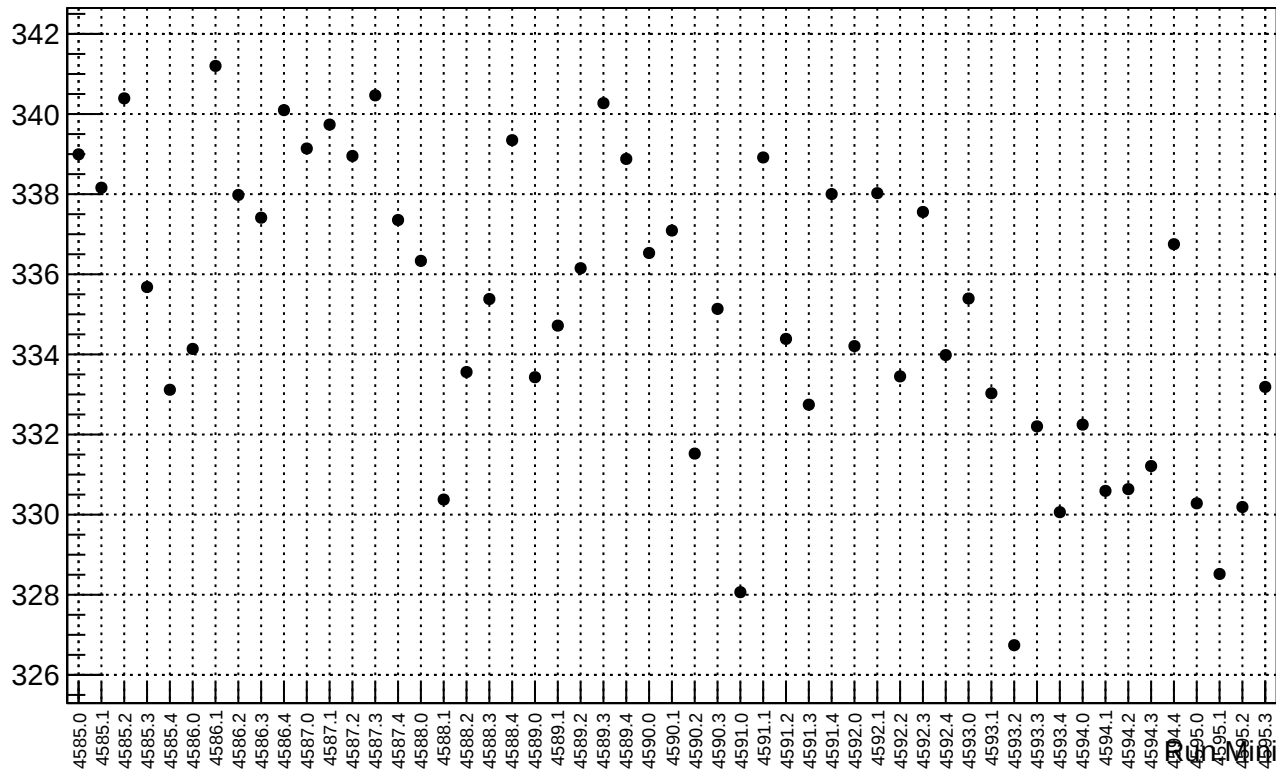
66.65 / 52
 804.4 ± 463



reg_asym_atr_dd.rms/ppm



reg_asym_atr_dd.rms/ppm



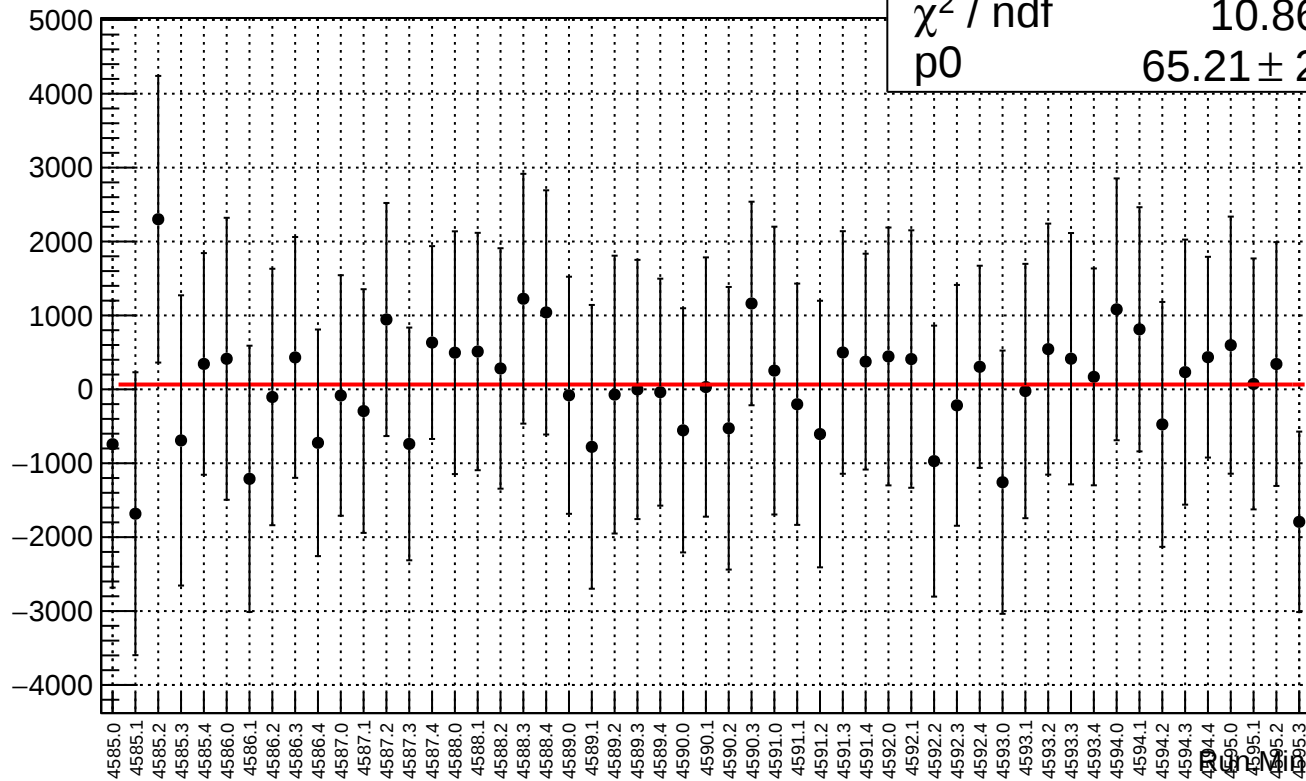
reg_asym_bcm_an_ds3.mean/ppb

χ^2 / ndf

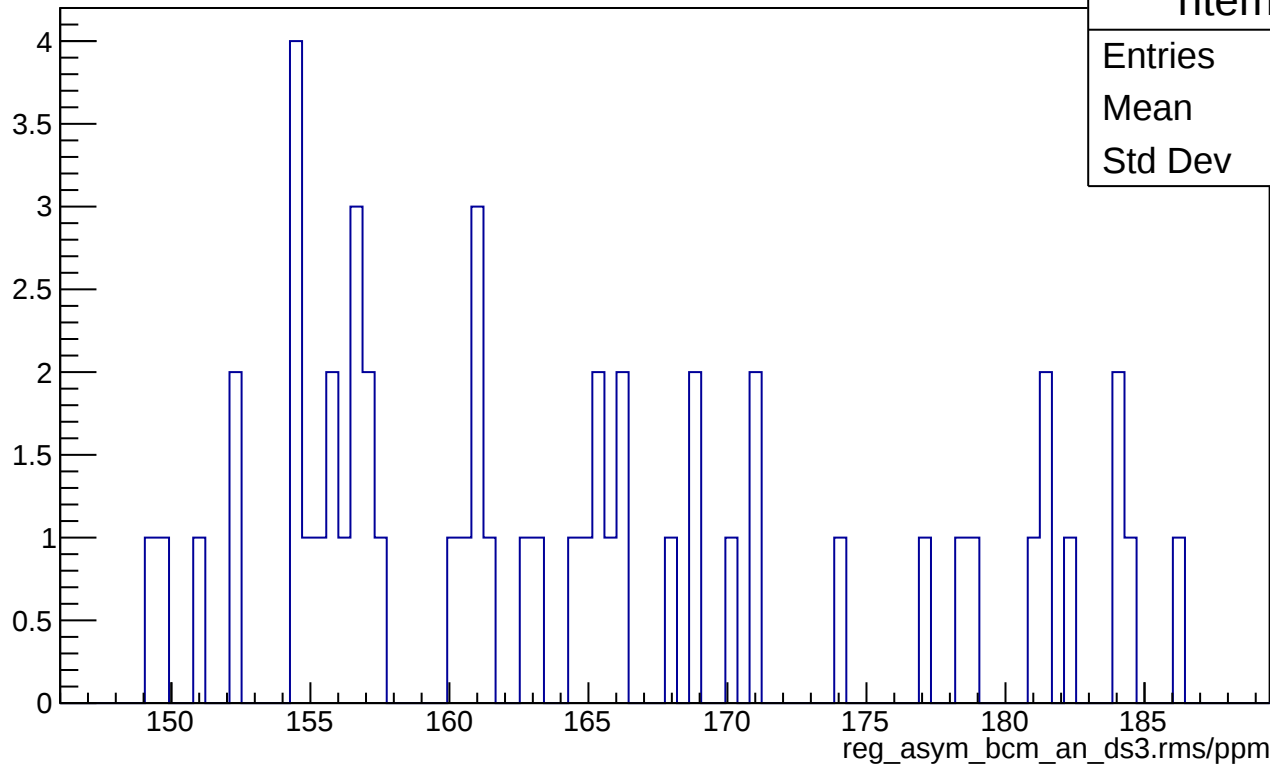
10.86 / 52

p0

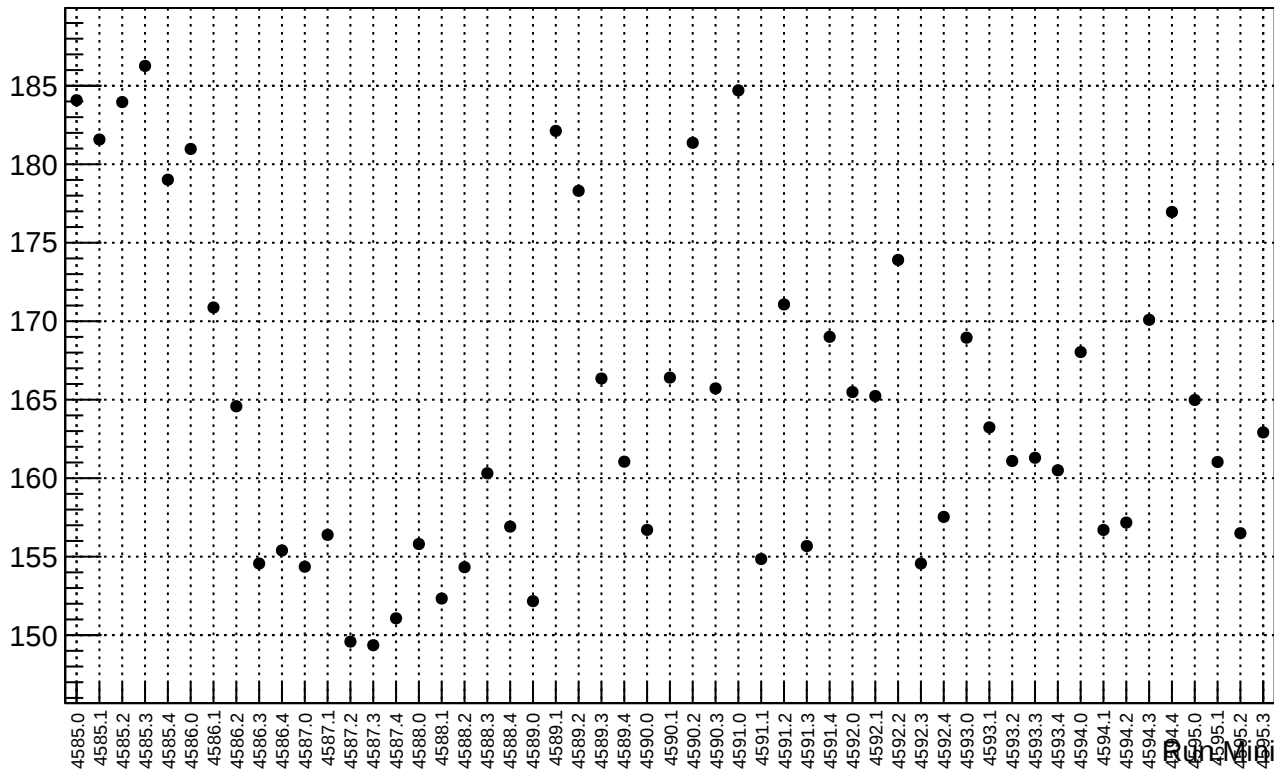
65.21 ± 226.5



reg_asym_bcm_an_ds3.rms/ppm



reg_asym_bcm_an_ds3.rms/ppm



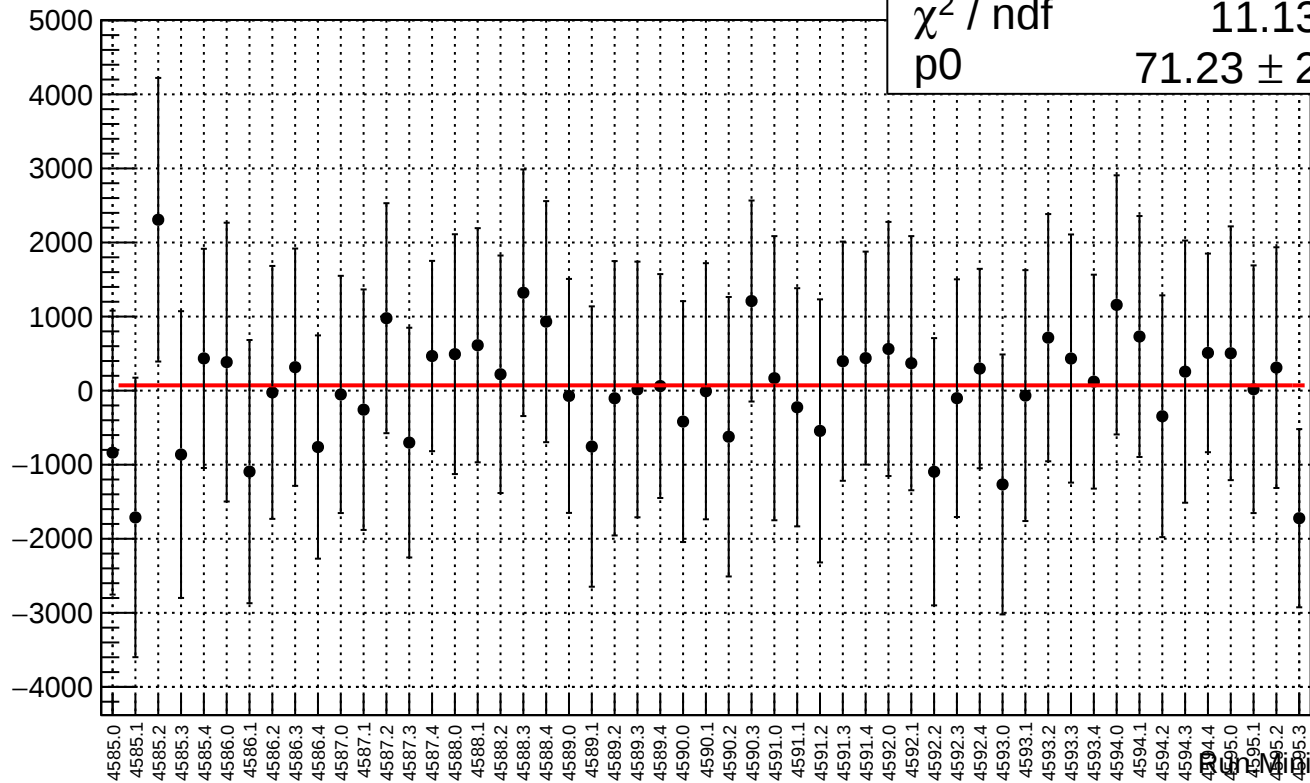
reg_asym_bcm_an_ds.mean/ppb

χ^2 / ndf

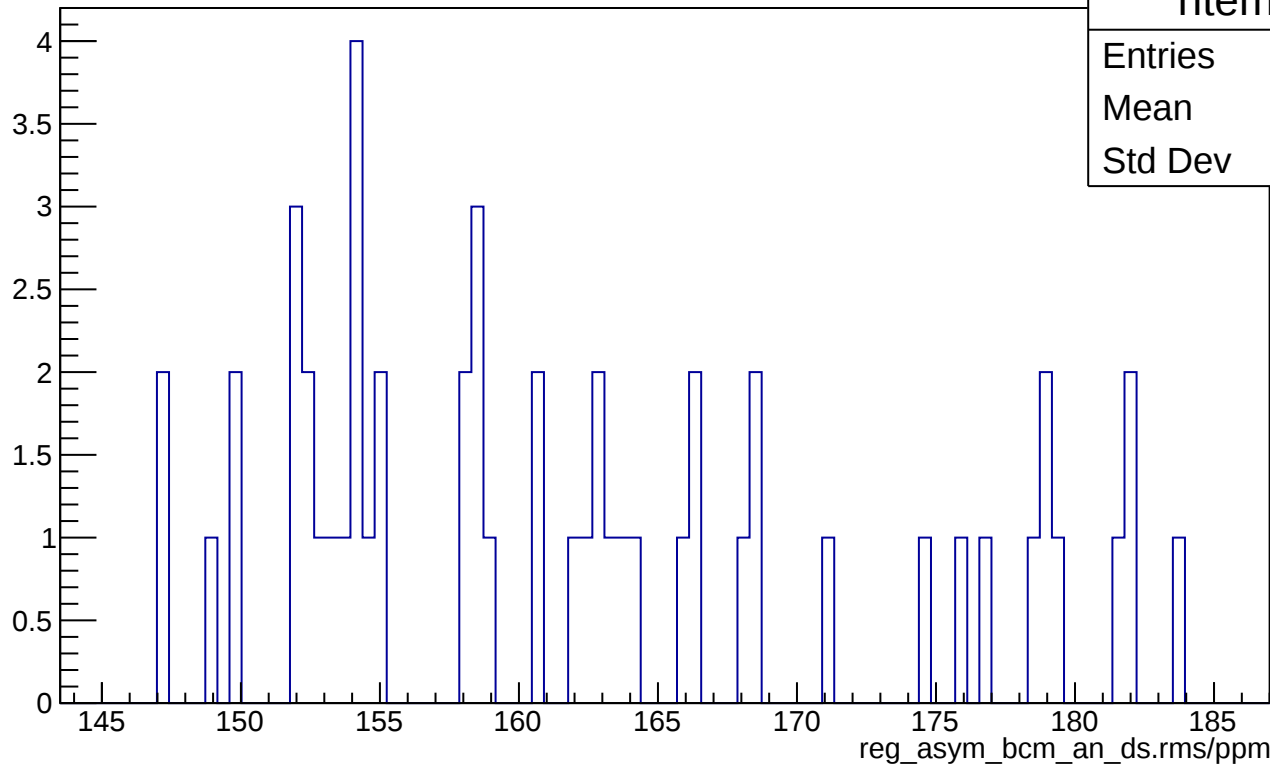
11.13 / 52

p0

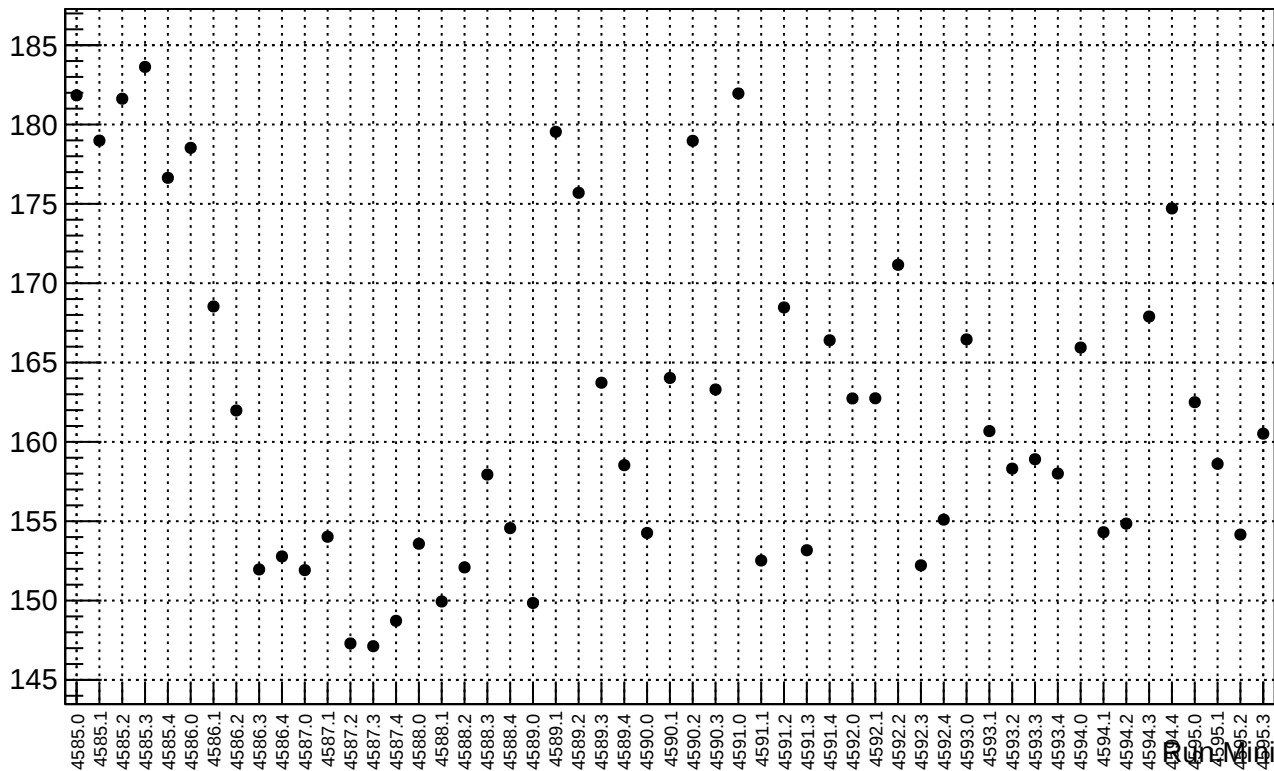
71.23 ± 223.2



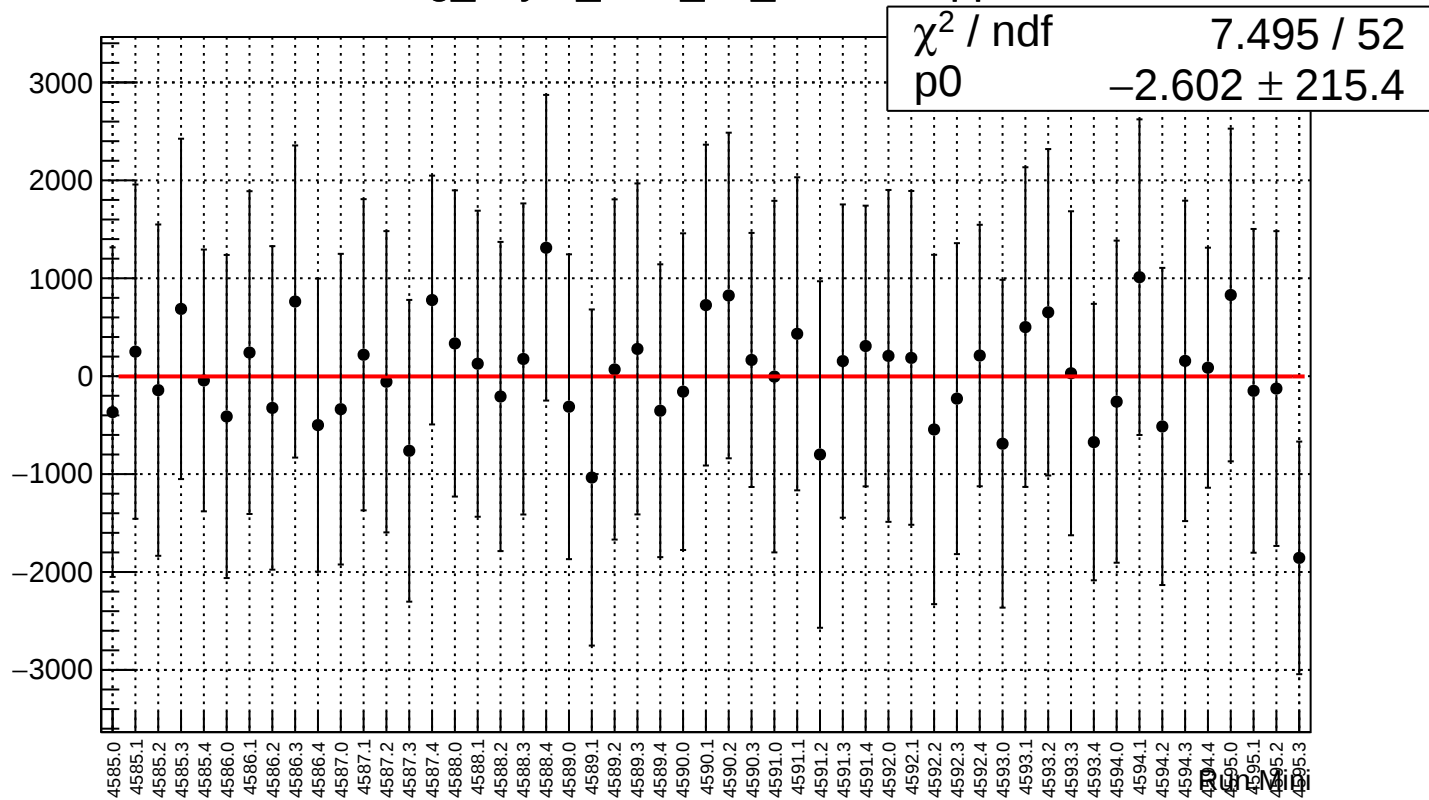
reg_asym_bcm_an_ds.rms/ppm



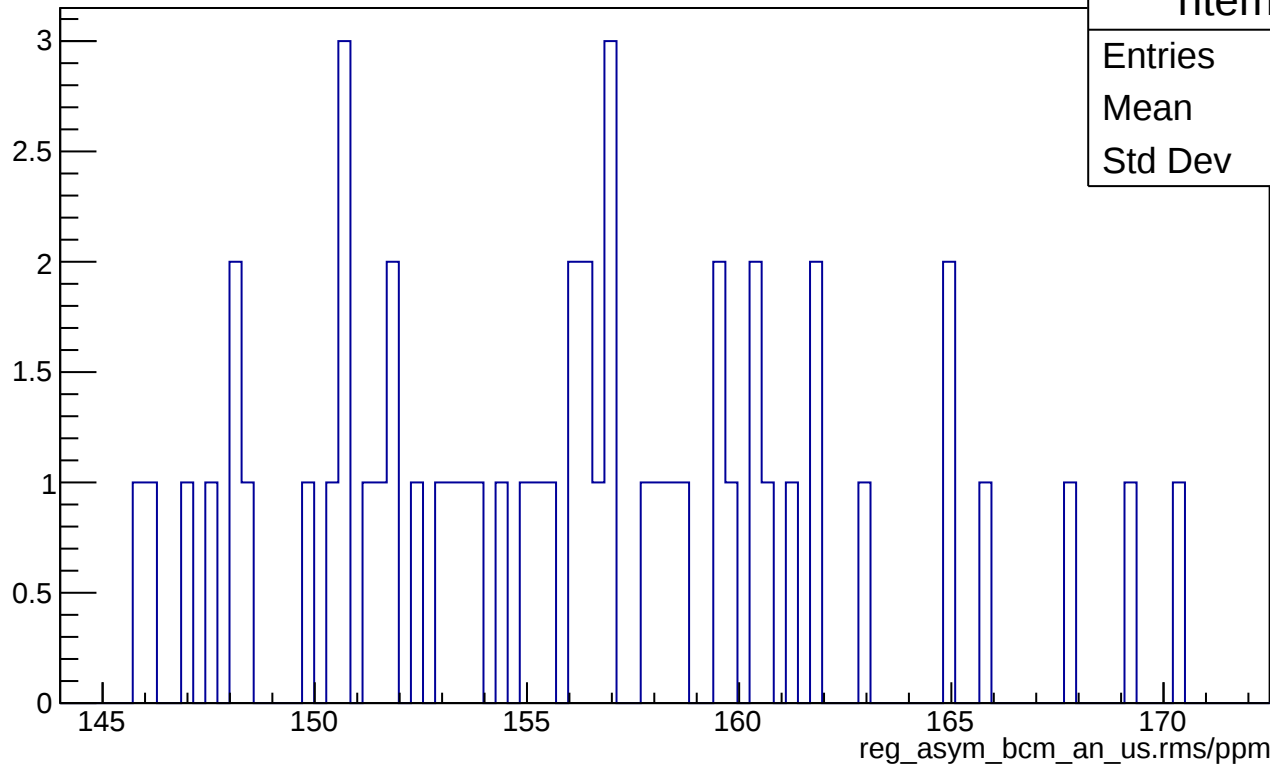
reg_asym_bcm_an_ds.rms/ppm



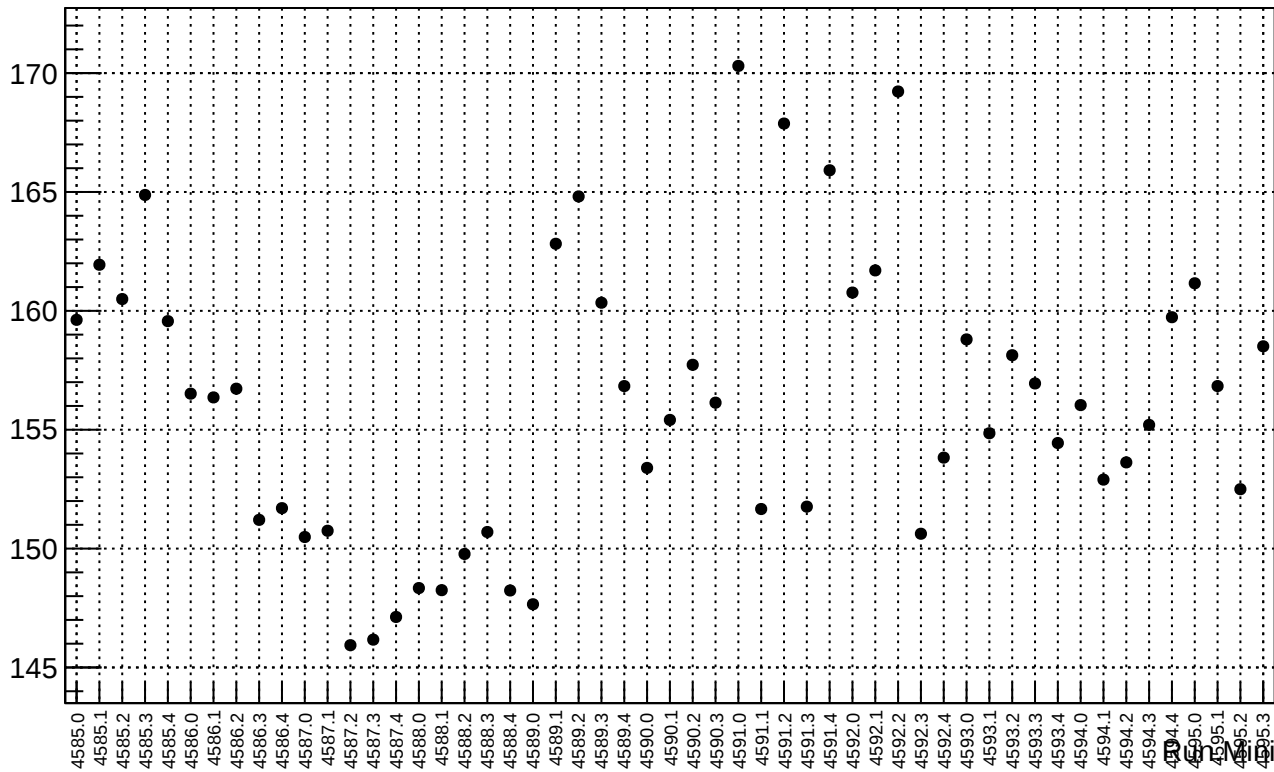
reg_asym_bcm_an_us.mean/ppb



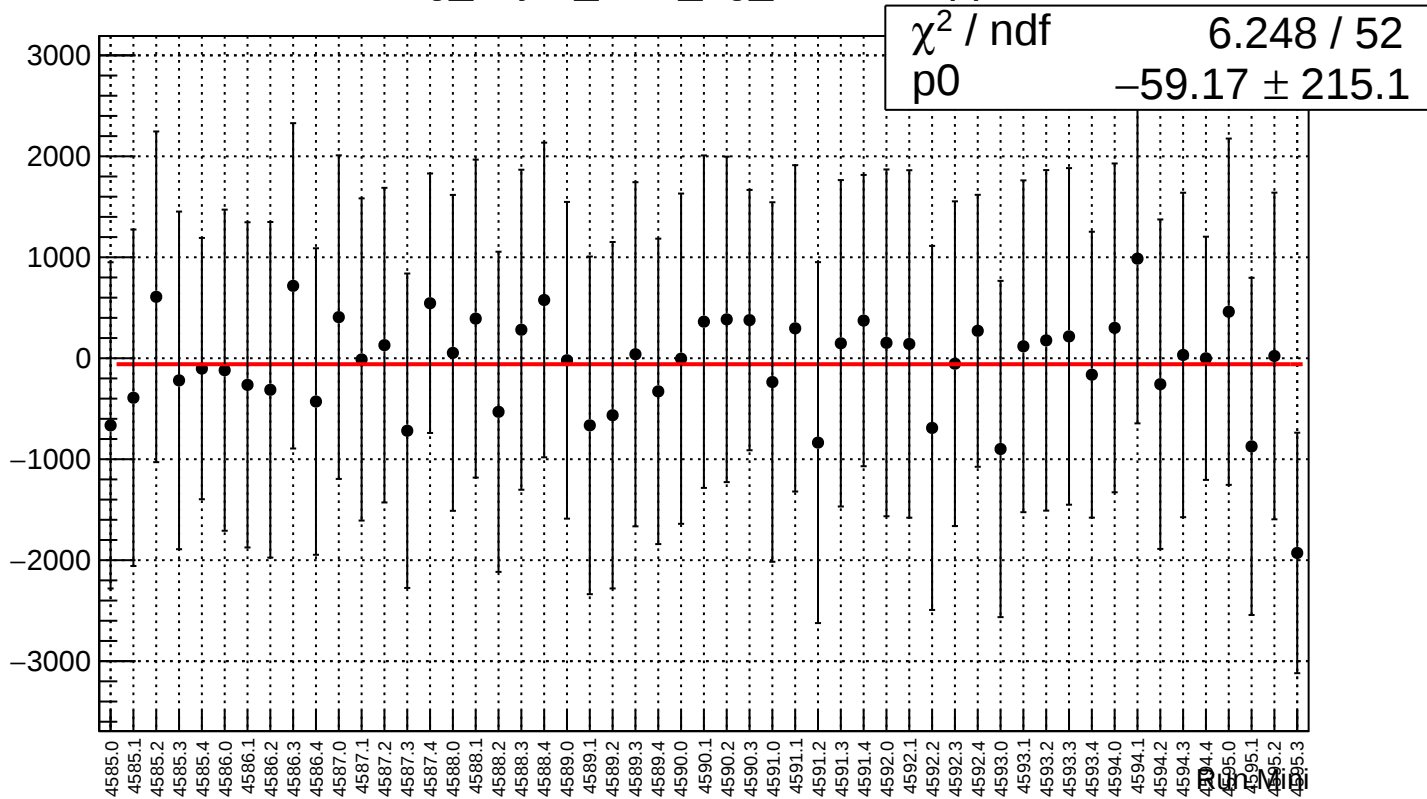
reg_asym_bcm_an_us.rms/ppm



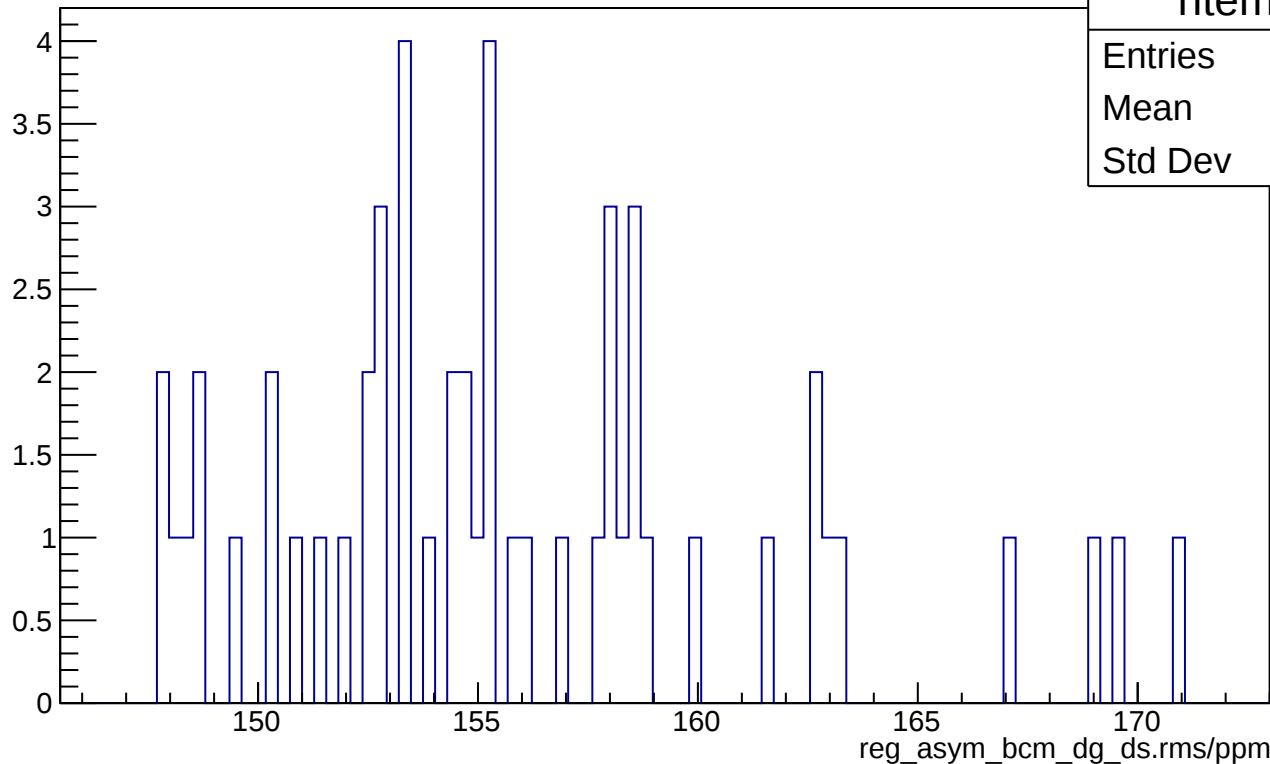
reg_asym_bcm_an_us.rms/ppm



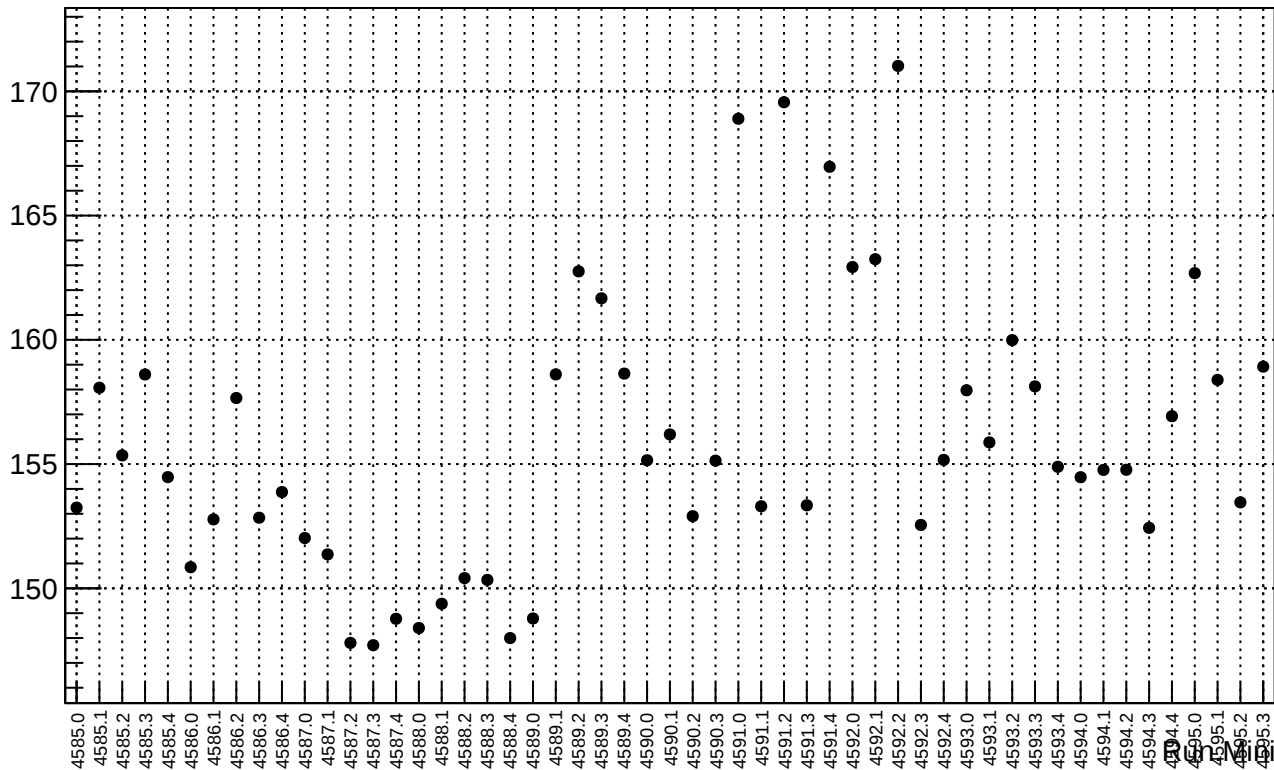
reg_asym_bcm_dg_ds.mean/ppb



reg_asym_bcm_dg_ds.rms/ppm



reg_asym_bcm_dg_ds.rms/ppm

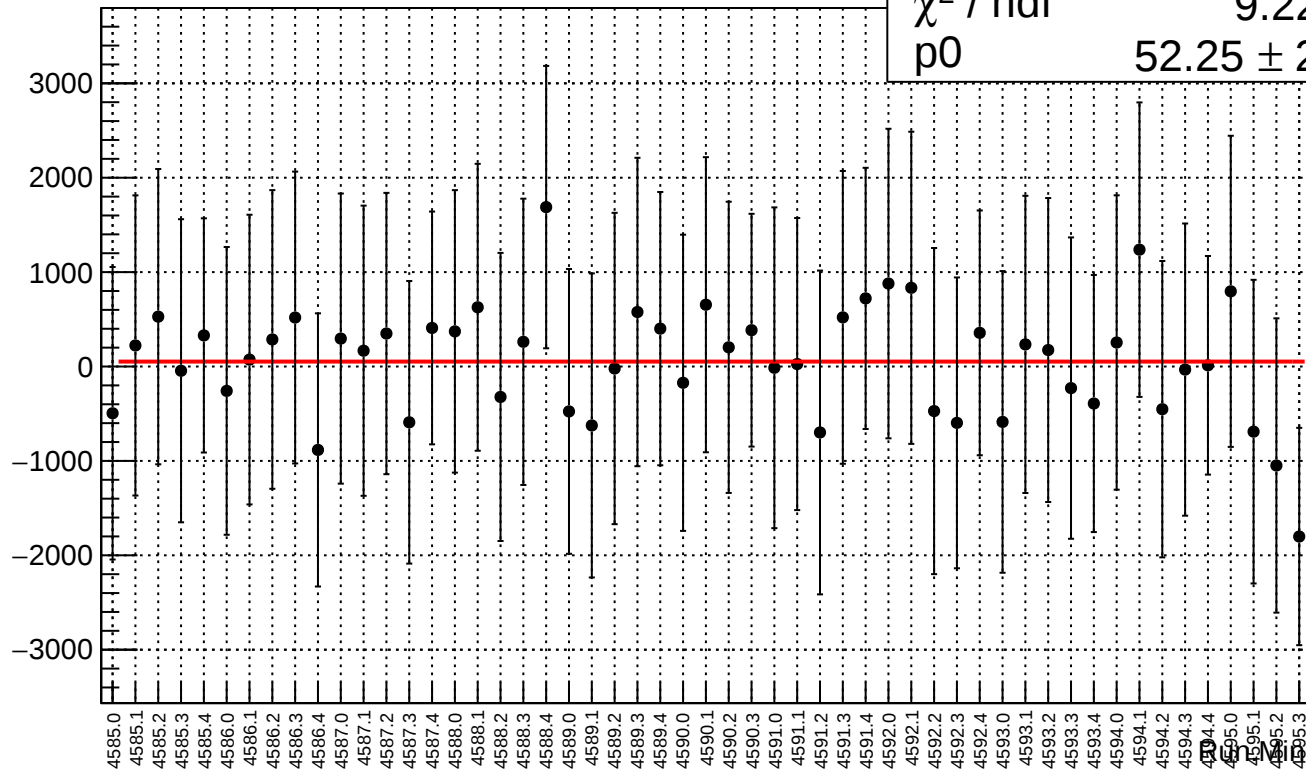


reg_asym_bcm_dg_us.mean/ppb

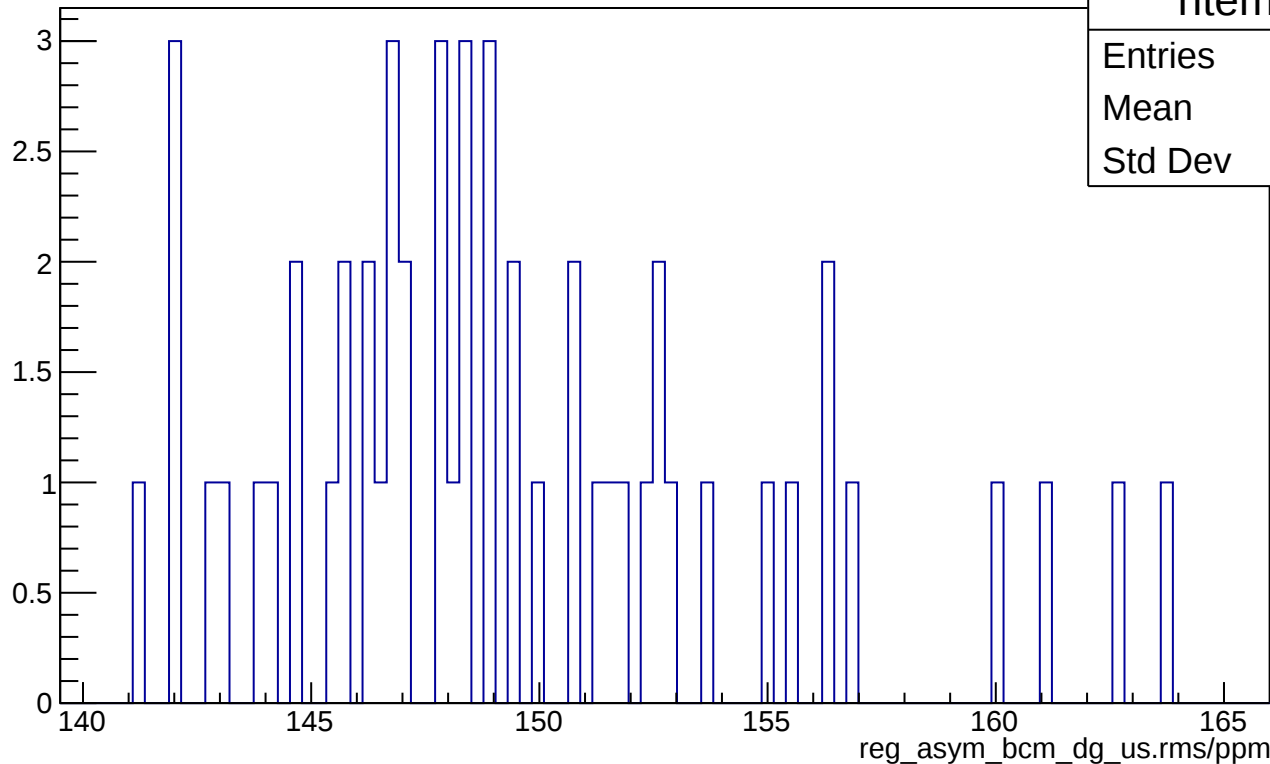
χ^2 / ndf
p0

9.22 / 52

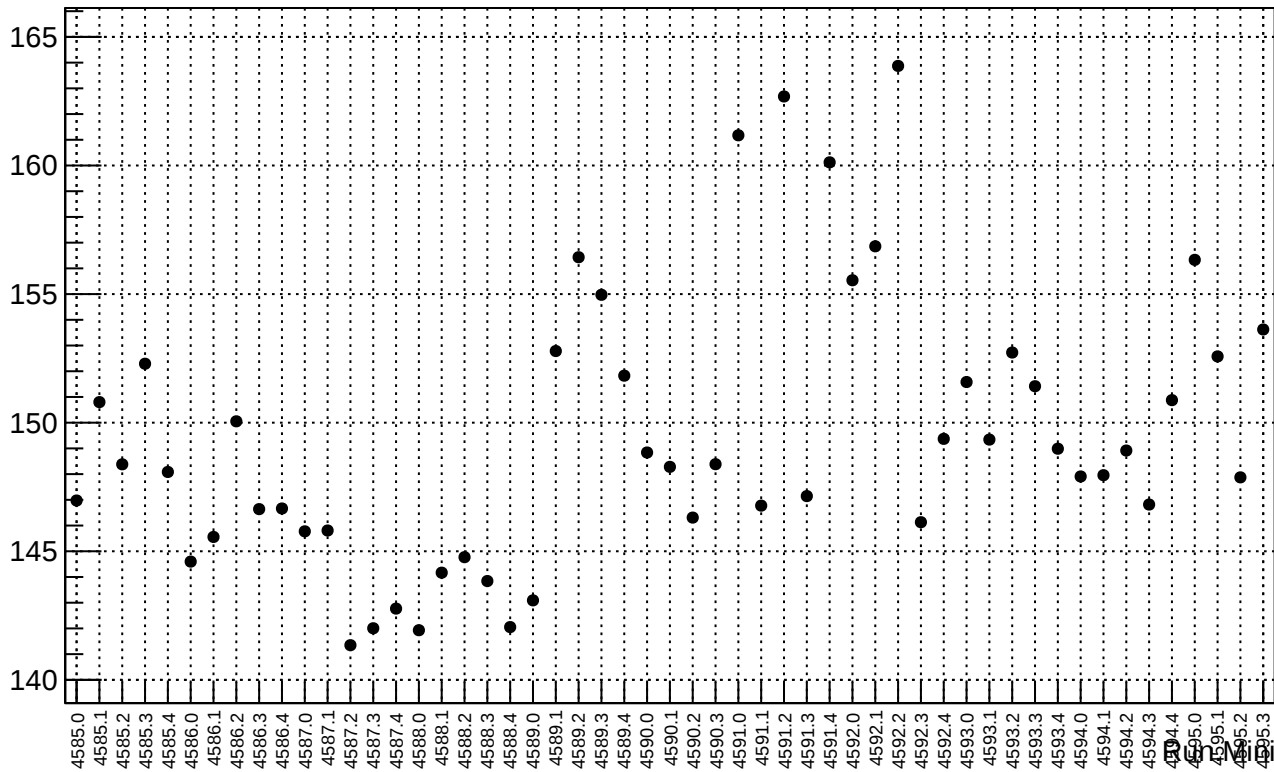
52.25 ± 206.3



reg_asym_bcm_dg_us.rms/ppm



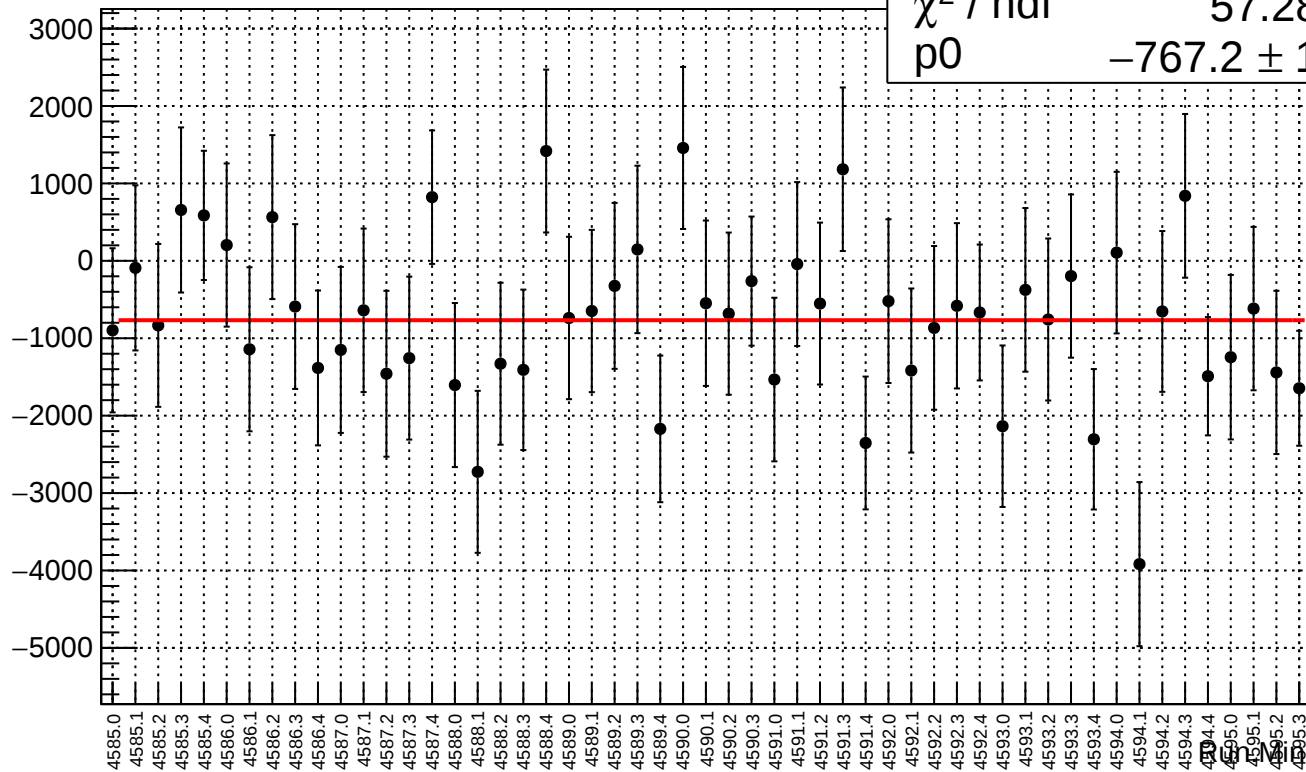
reg_asym_bcm_dg_us.rms/ppm



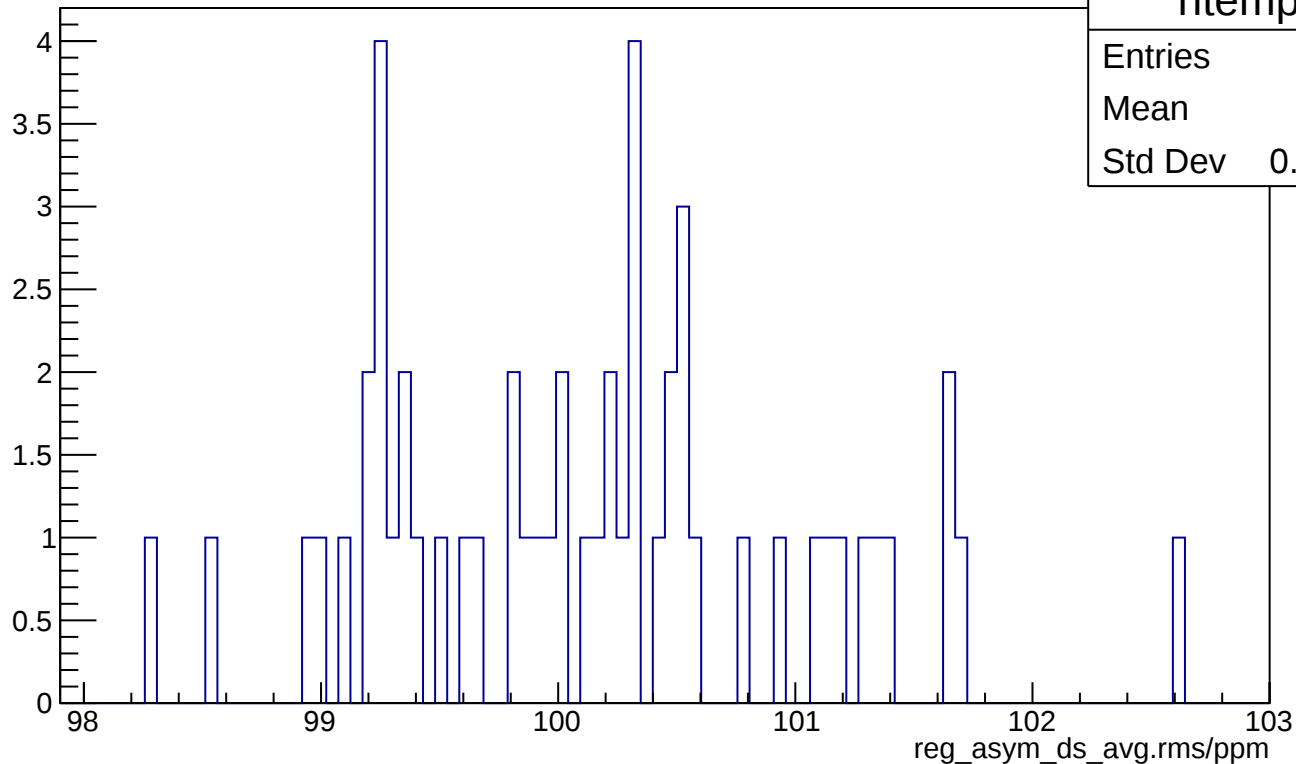
reg_asym_ds_avg.mean/ppb

χ^2 / ndf
p0

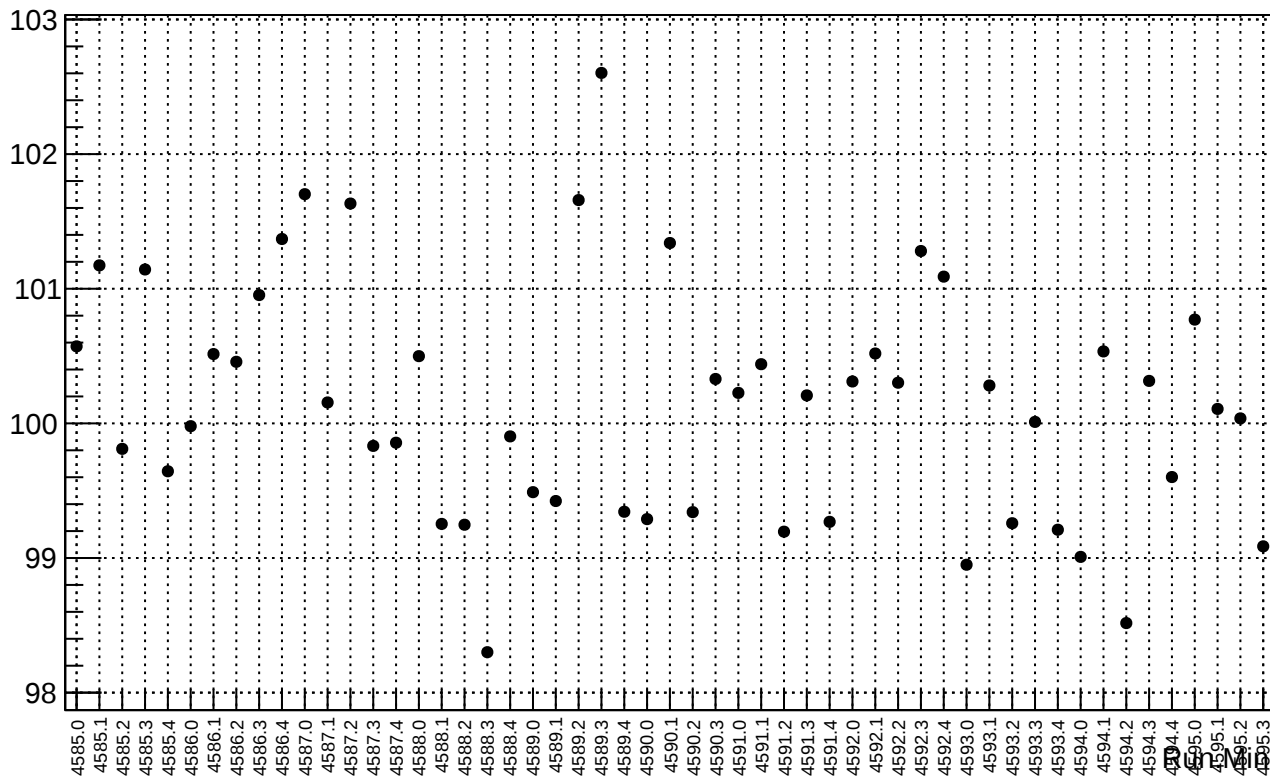
57.28 / 52
 -767.2 ± 138.3



reg_asym_ds_avg.rms/ppm



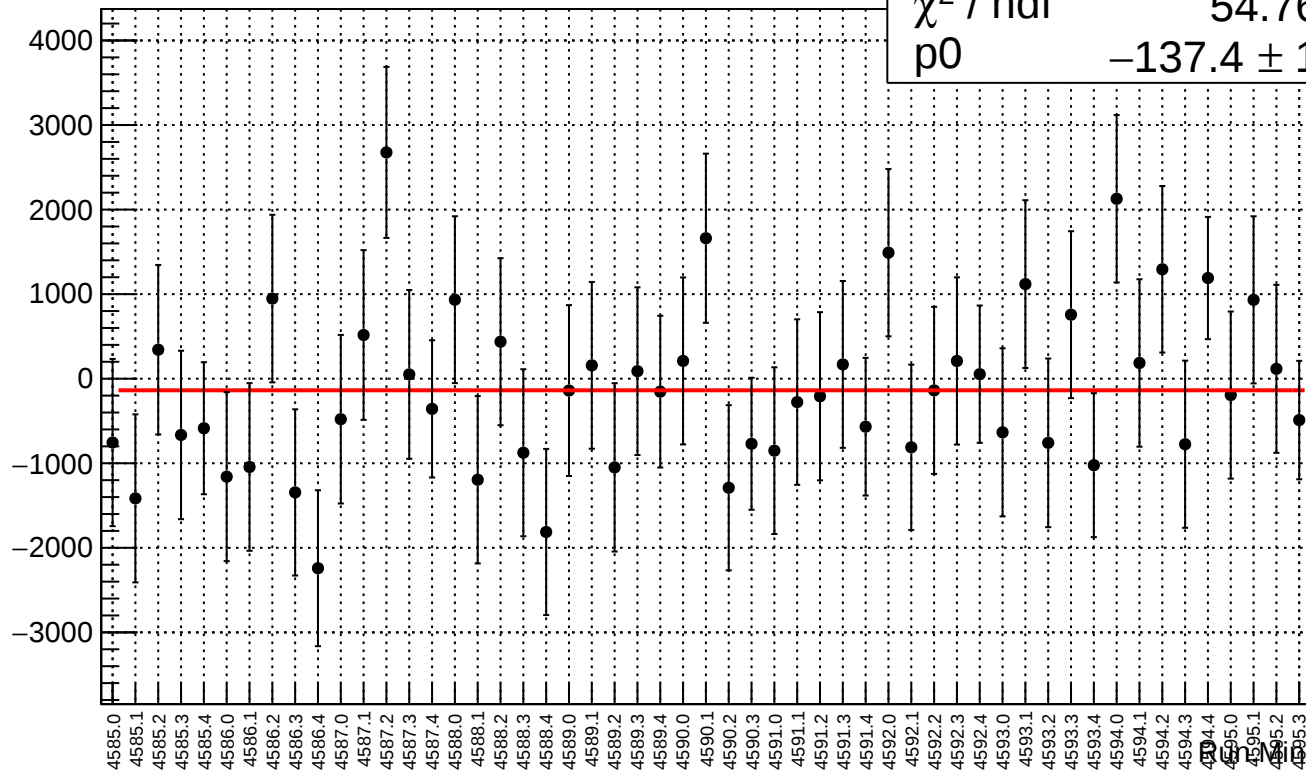
reg_asym_ds_avg.rms/ppm



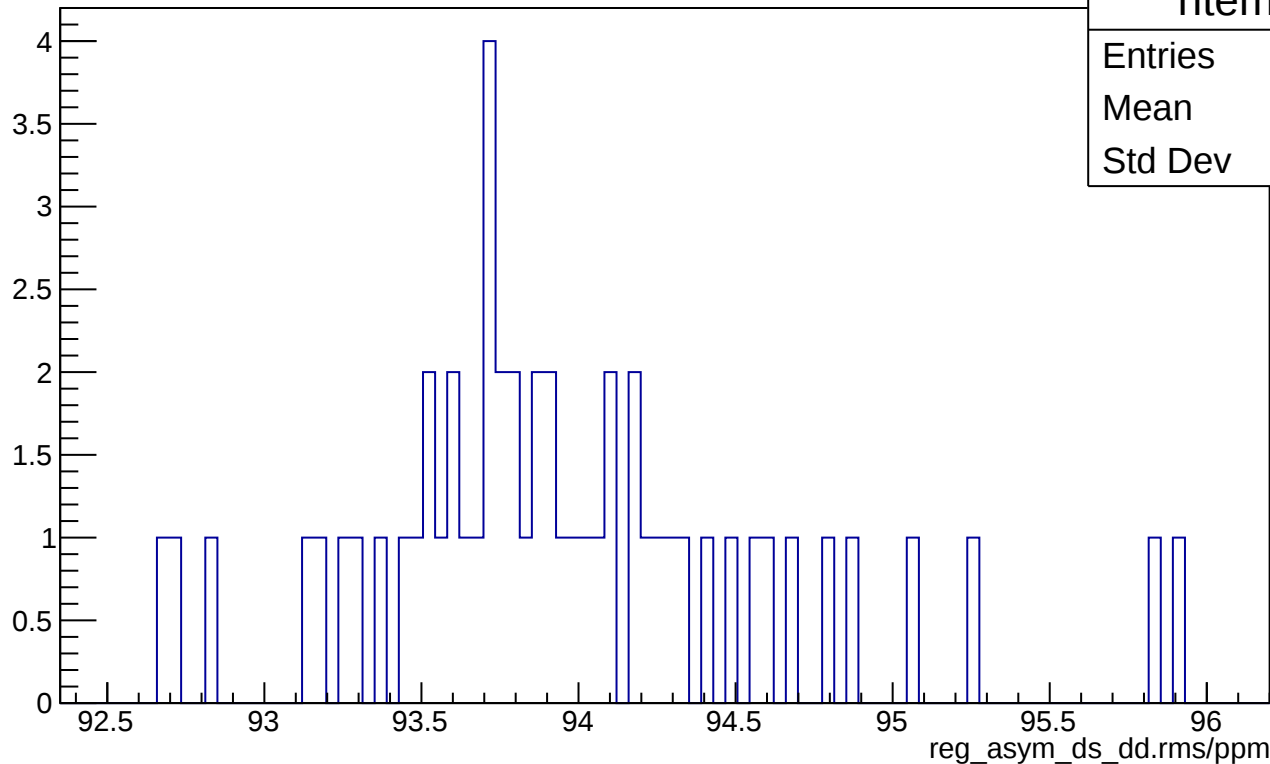
reg_asym_ds_dd.mean/ppb

χ^2 / ndf
p0

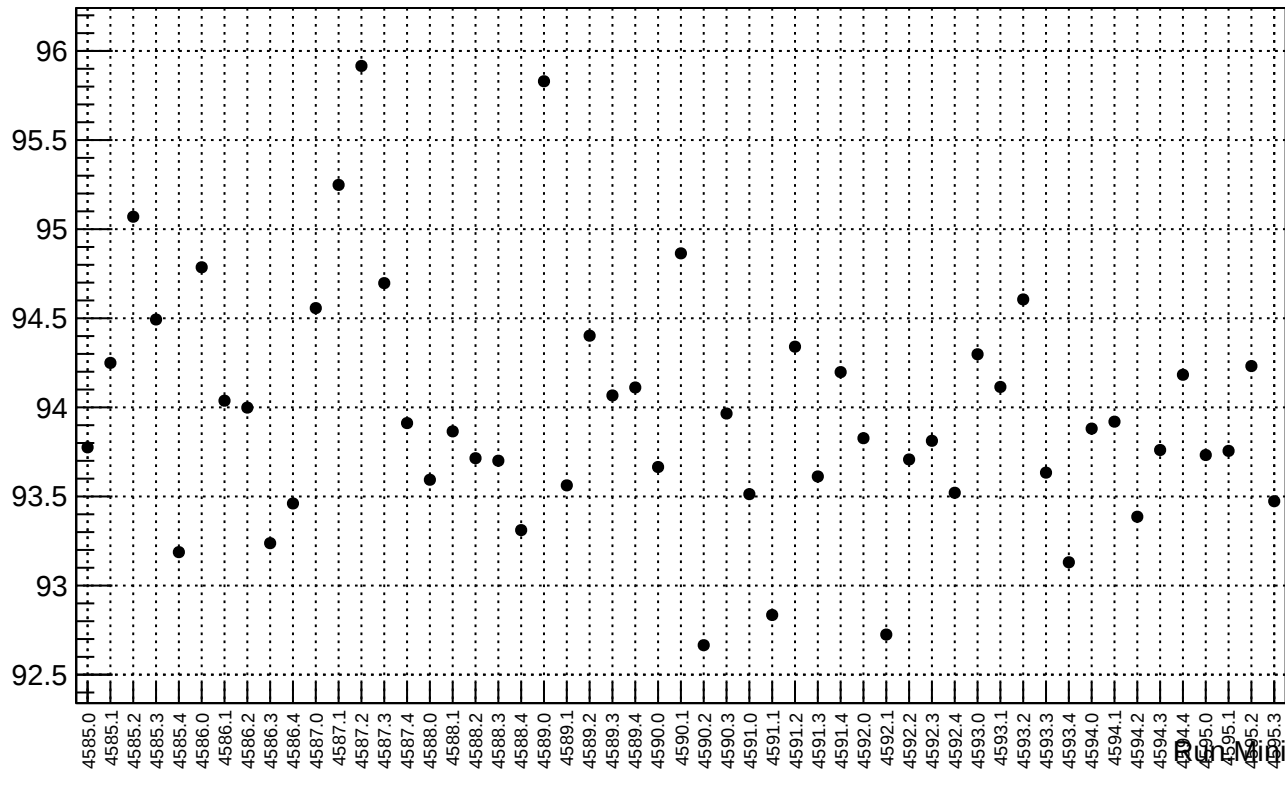
54.76 / 52
 -137.4 ± 129.8



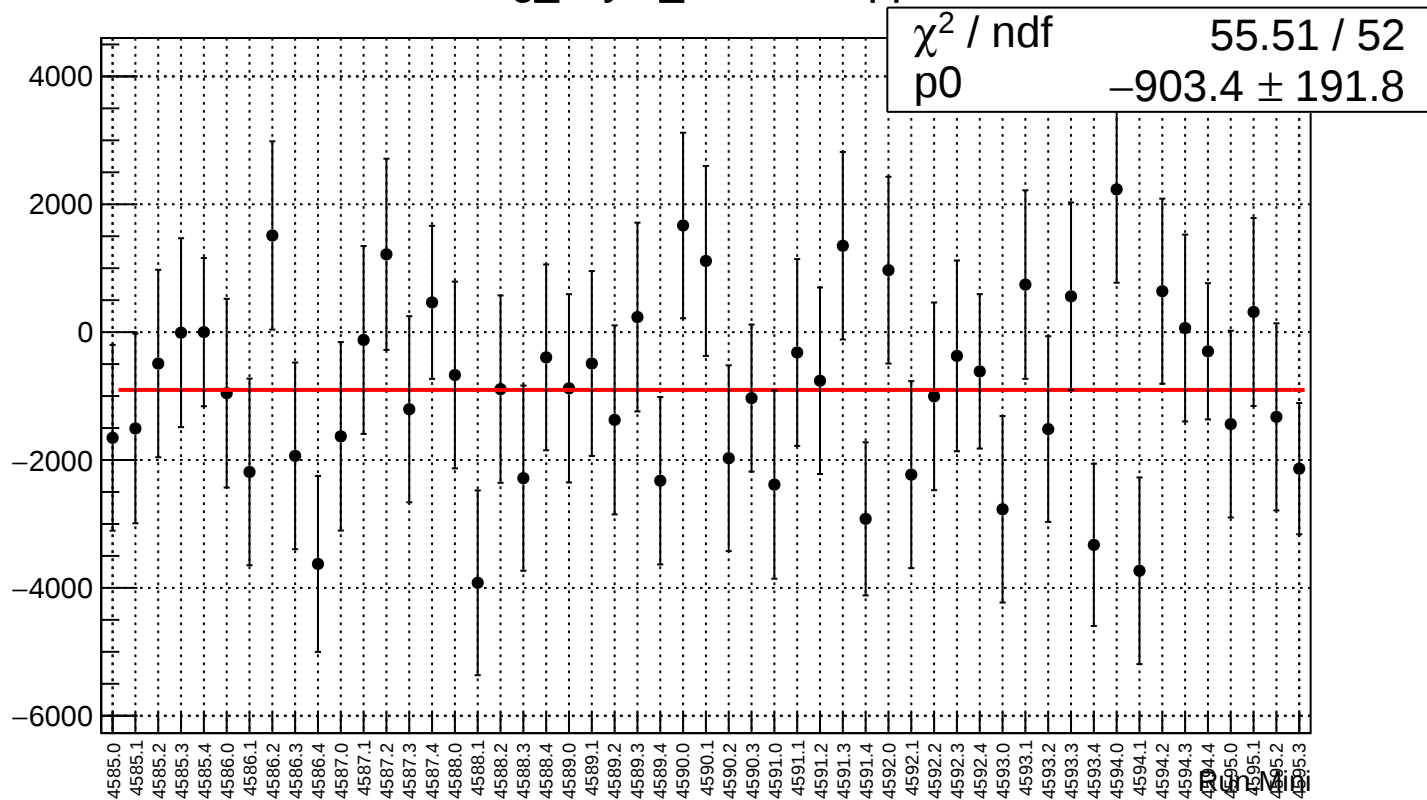
reg_asym_ds_dd.rms/ppm



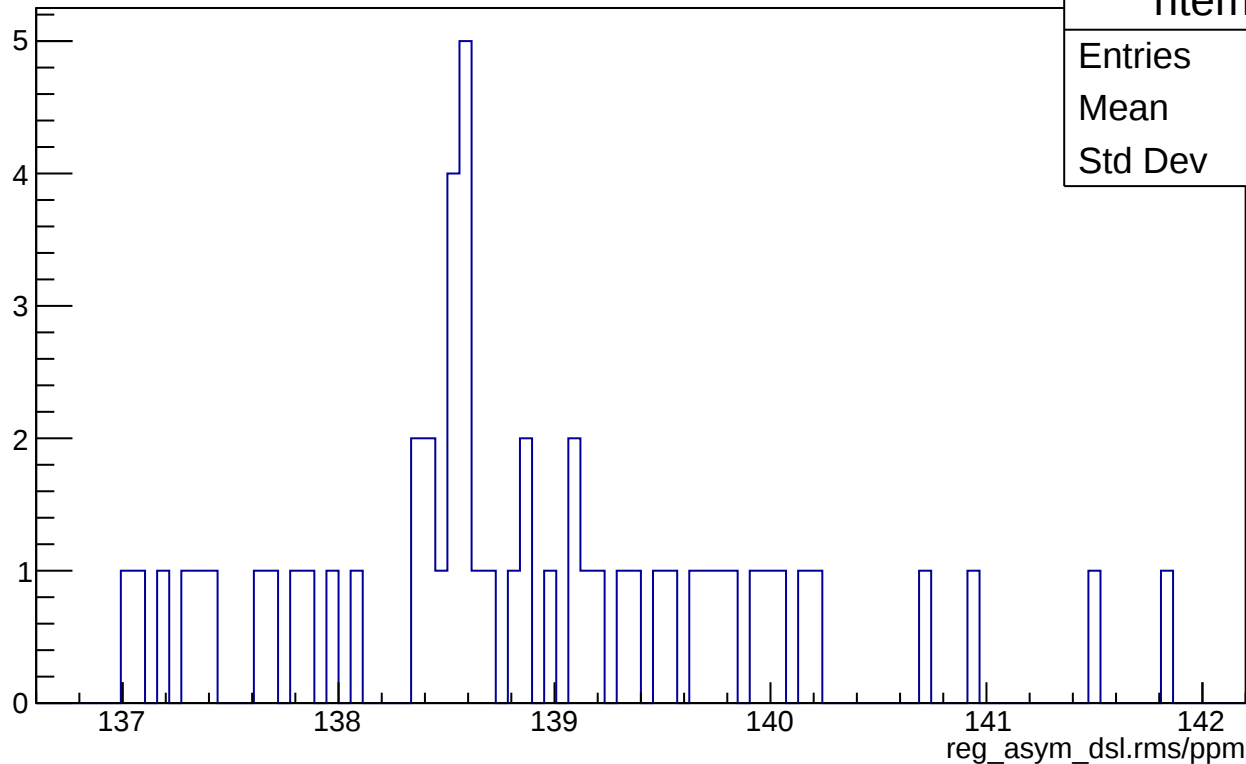
reg_asym_ds_dd.rms/ppm



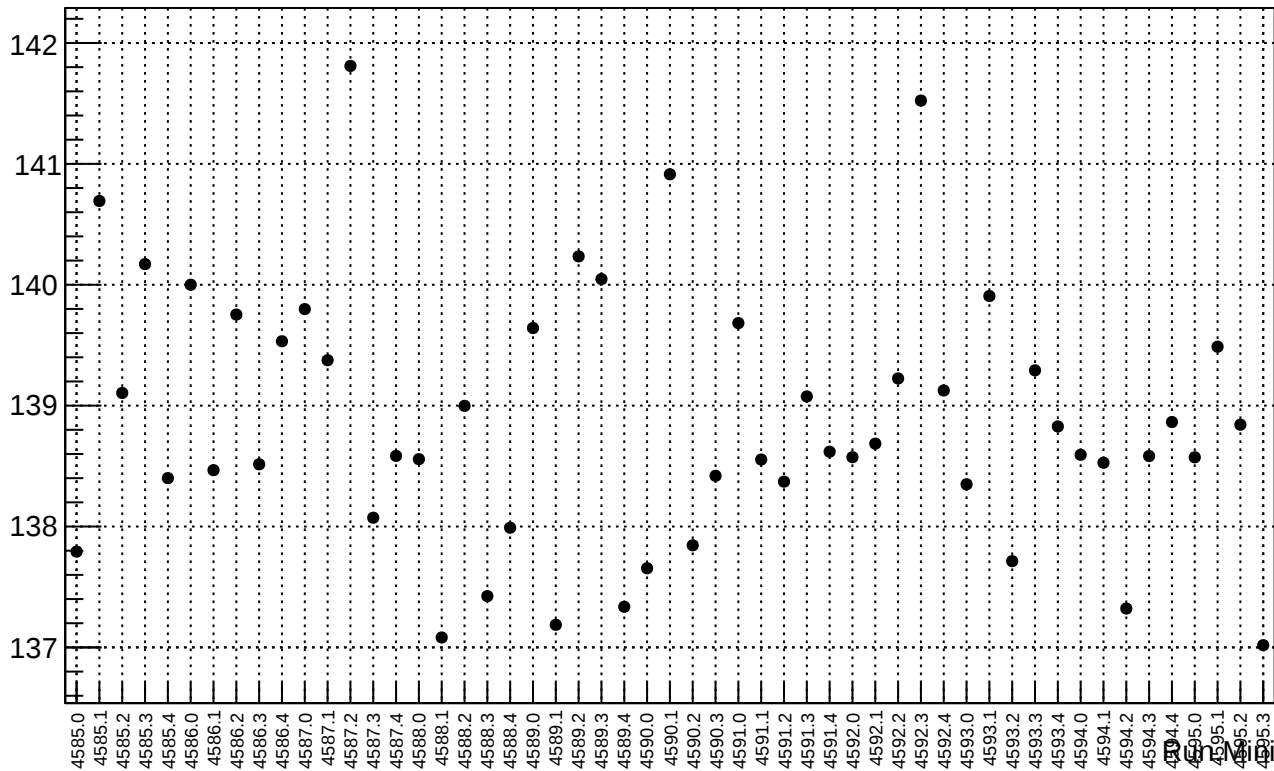
reg_asym_dsl.mean/ppb



reg_asym_dsl.rms/ppm



reg_asym_dsl.rms/ppm

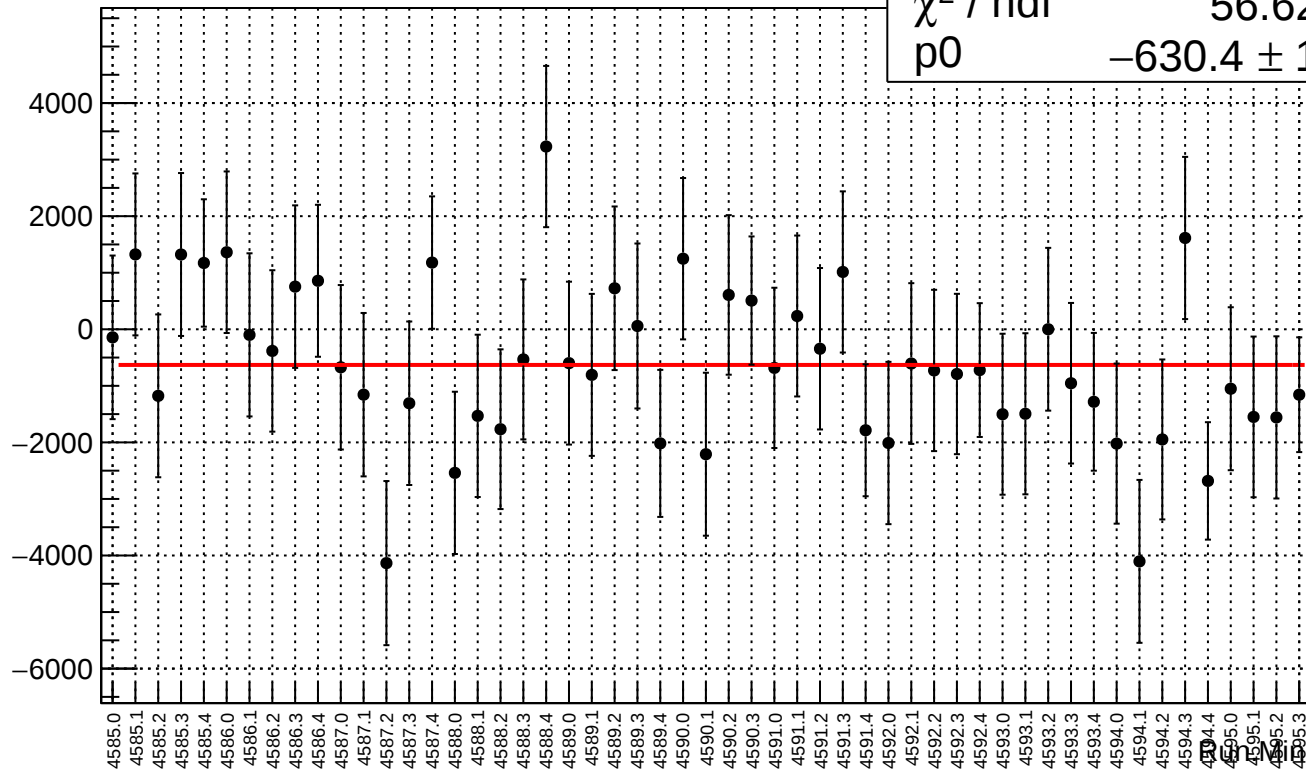


reg_asym_dsr.mean/ppb

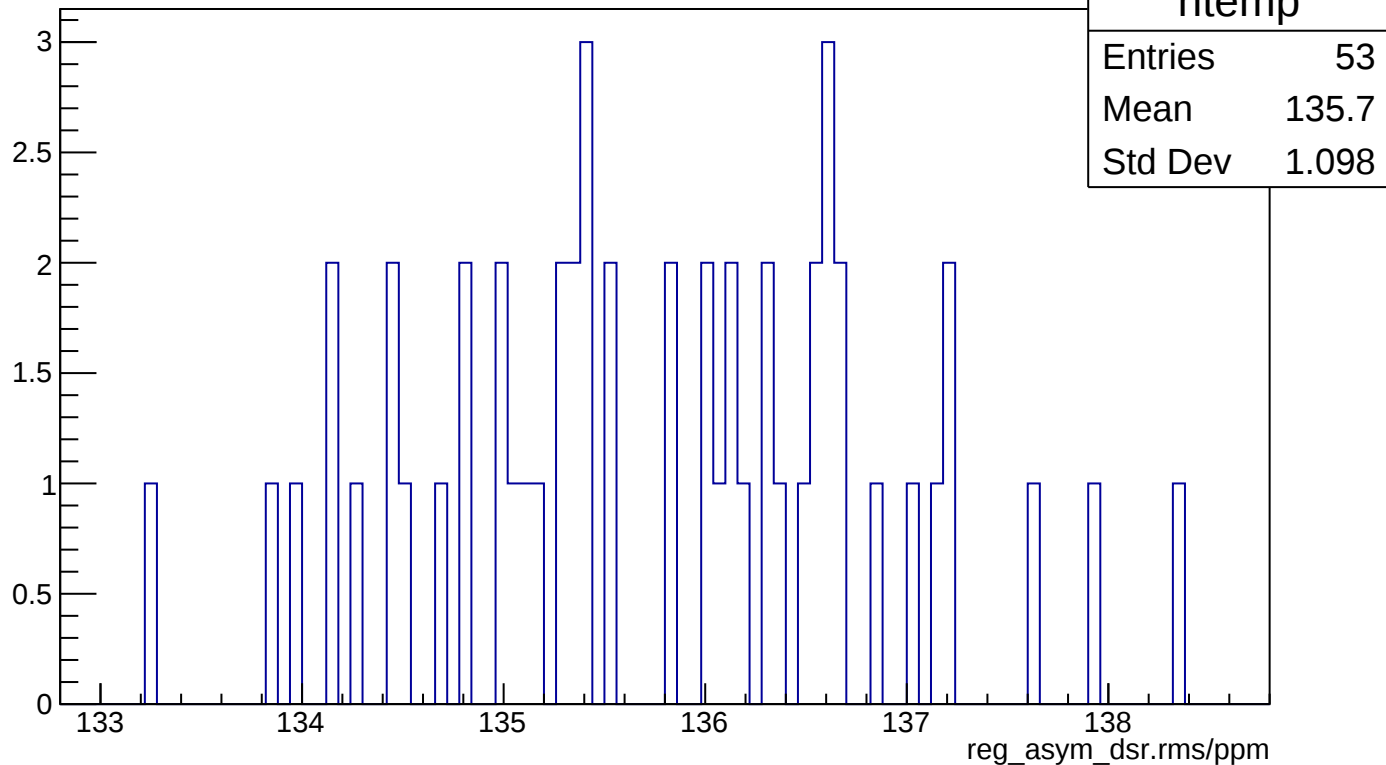
χ^2 / ndf
p0

56.62 / 52

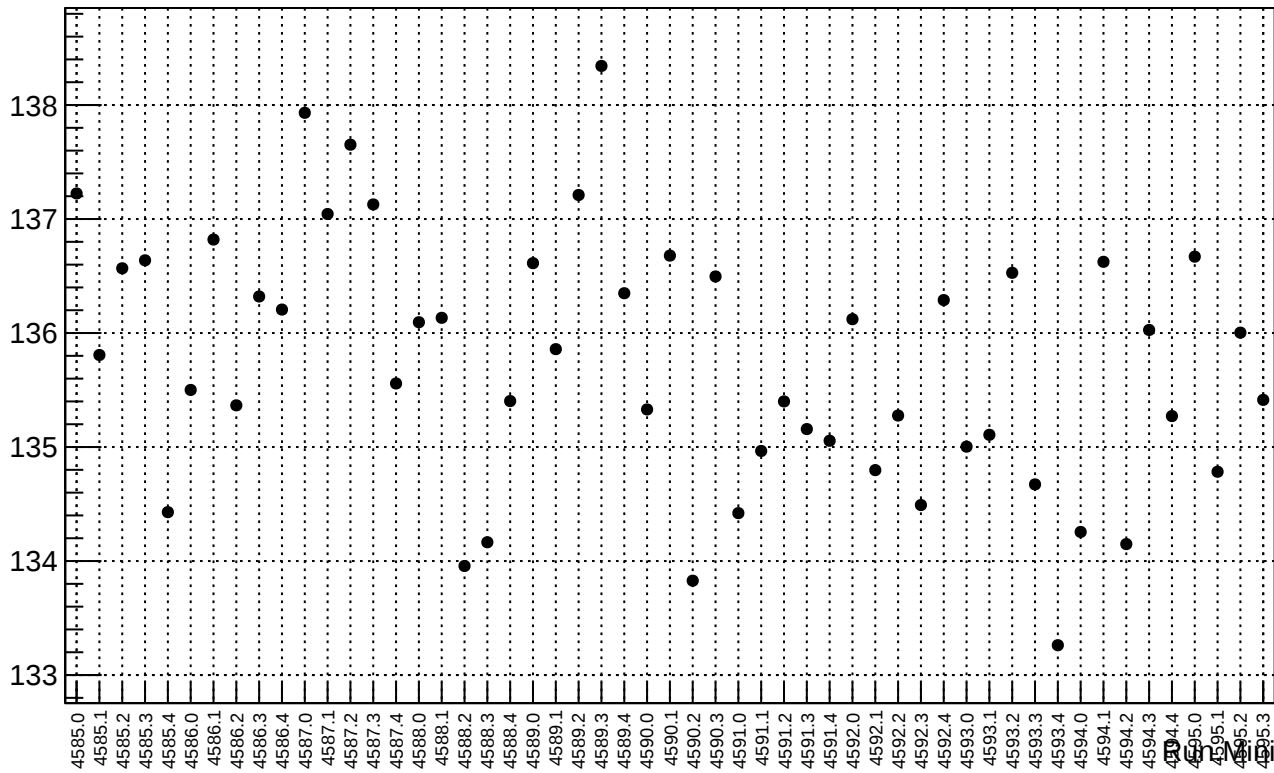
-630.4 ± 187.5



reg_asym_dsr.rms/ppm



reg_asym_dsr.rms/ppm

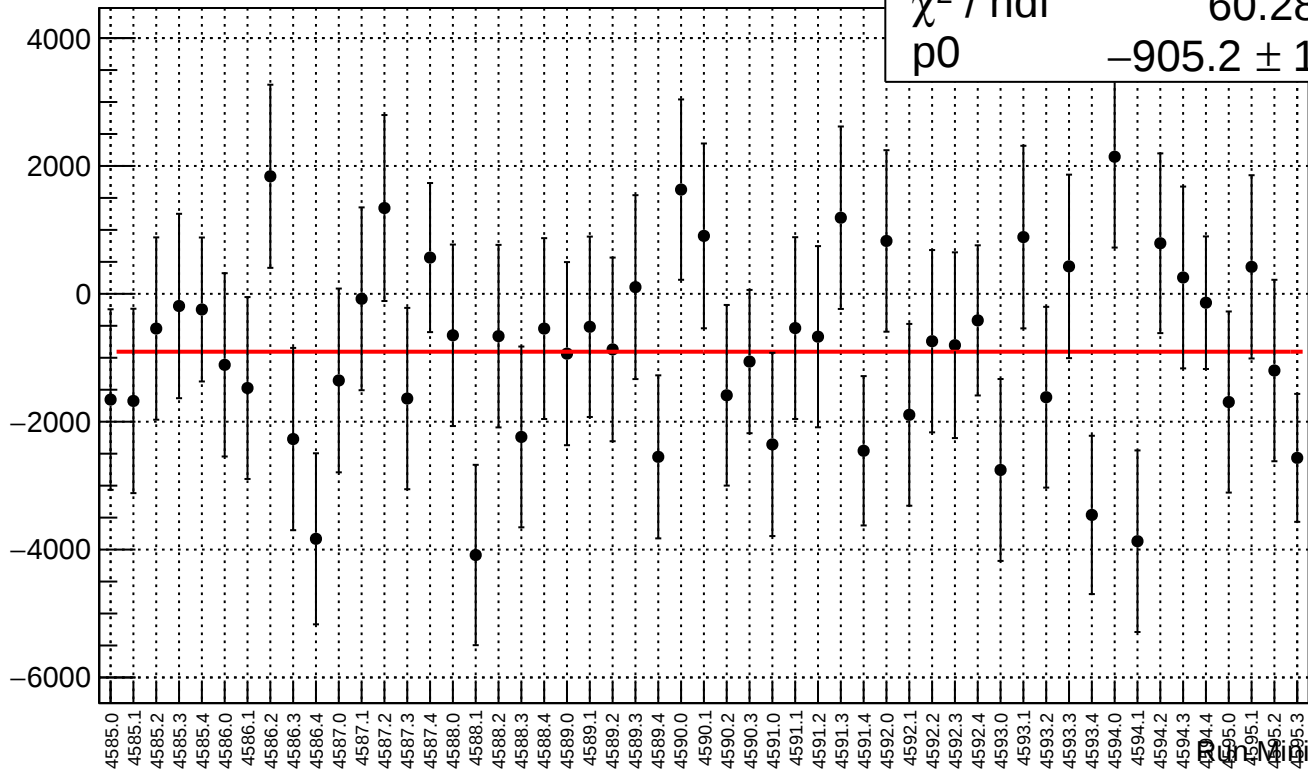


reg_asym_left_avg.mean/ppb

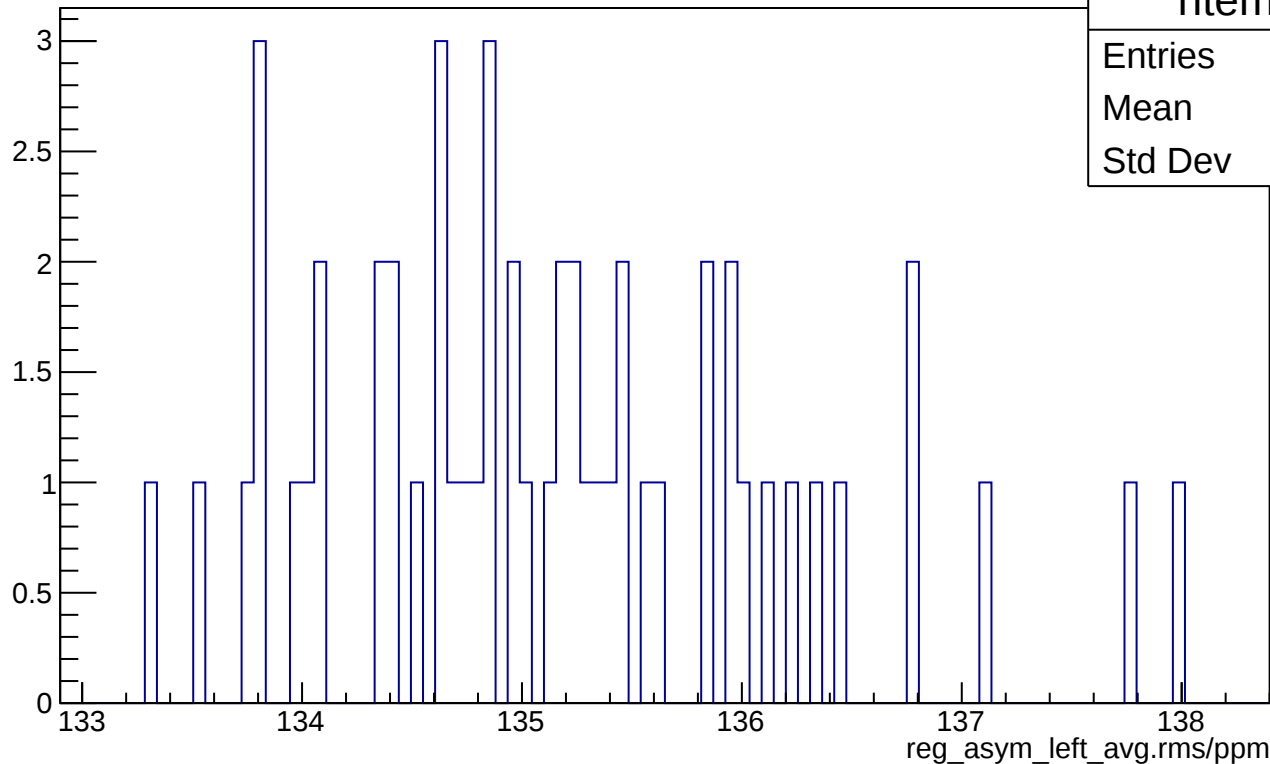
χ^2 / ndf
p0

60.28 / 52

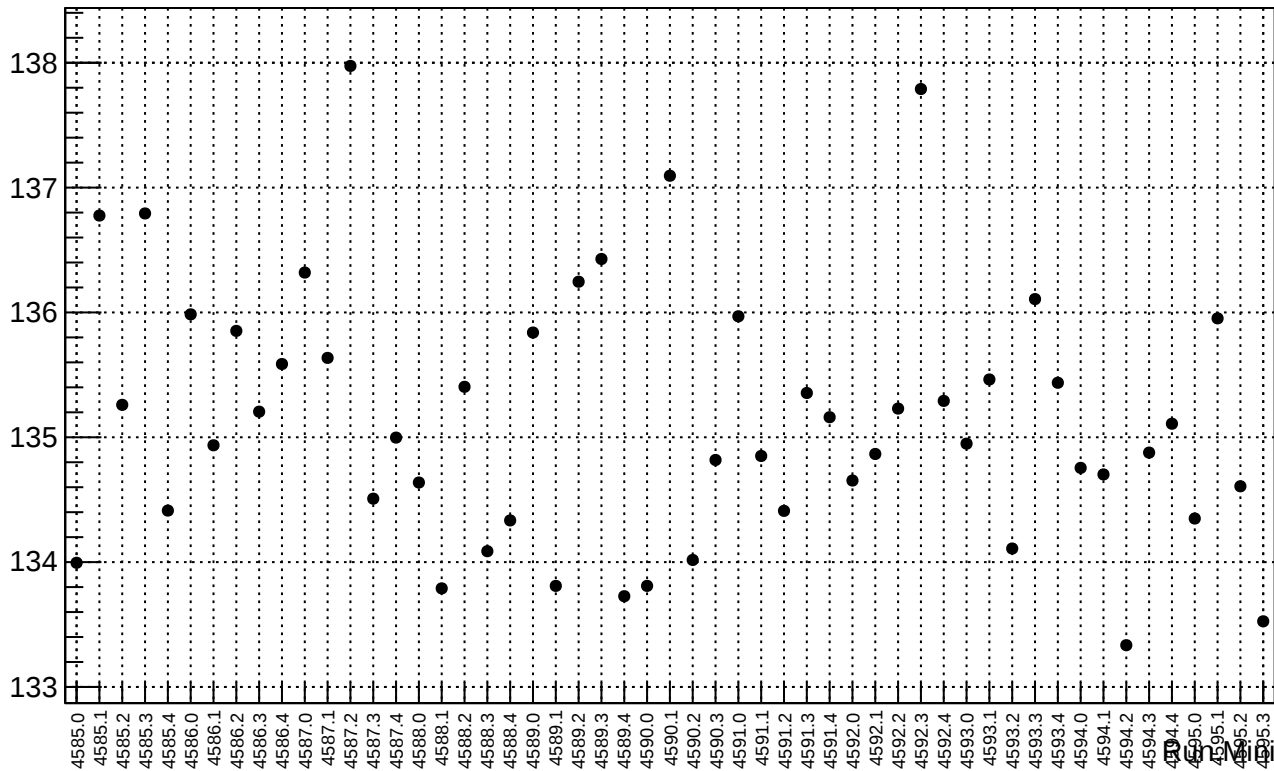
-905.2 ± 186.7



reg_asym_left_avg.rms/ppm



reg_asym_left_avg.rms/ppm

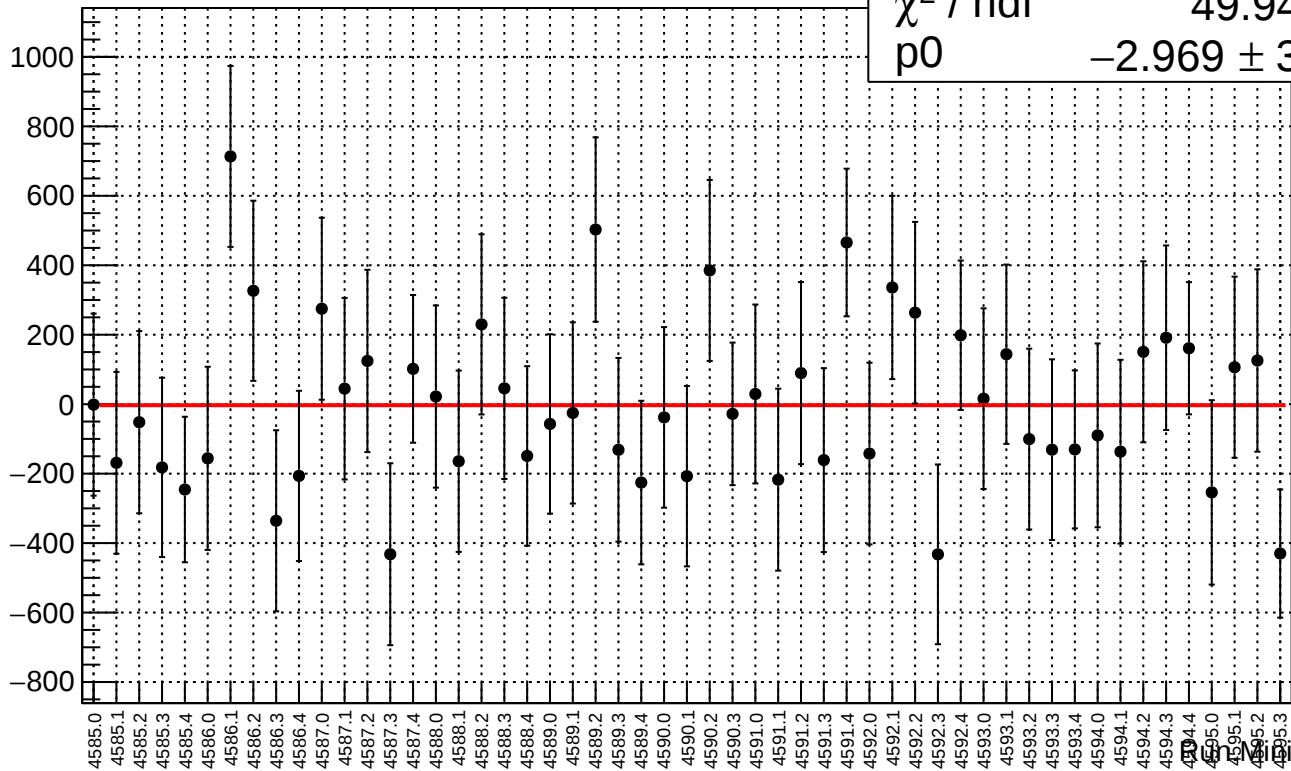


reg_asym_left_dd.mean/ppb

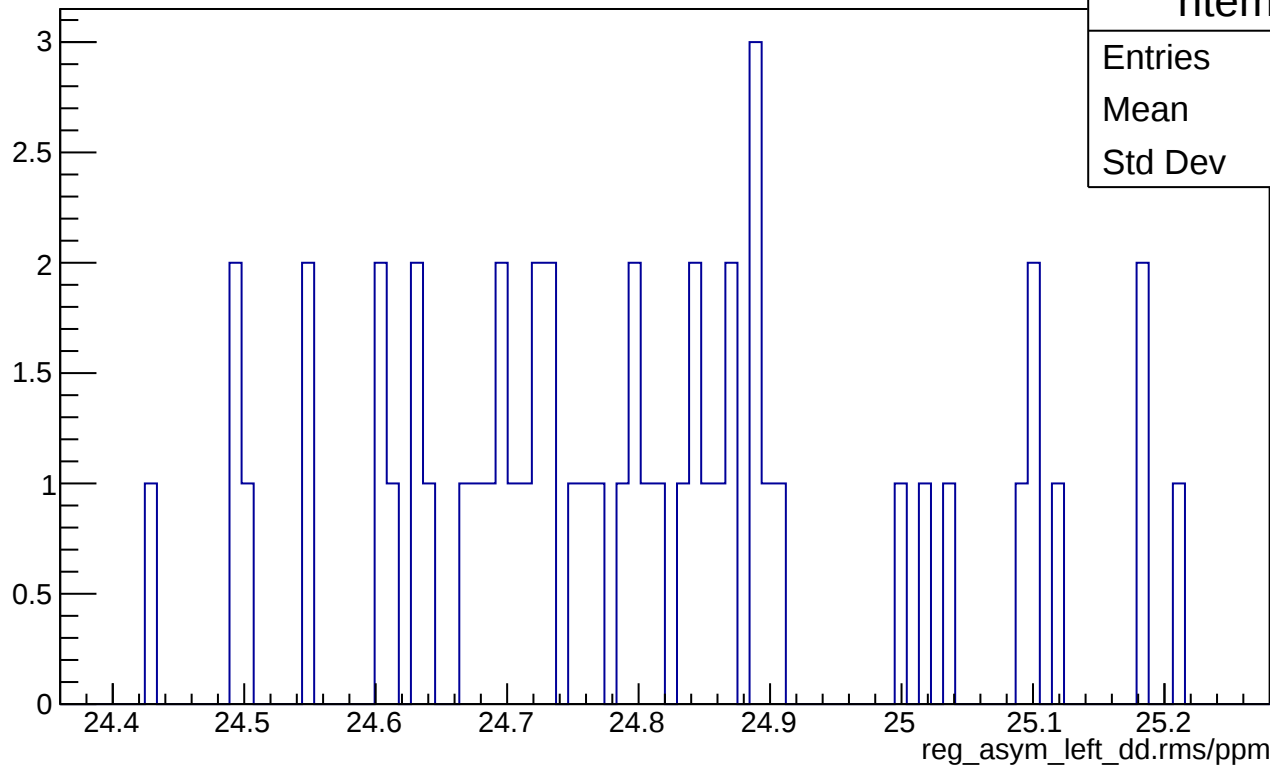
χ^2 / ndf
p0

49.94 / 52

-2.969 ± 34.25



reg_asym_left_dd.rms/ppm



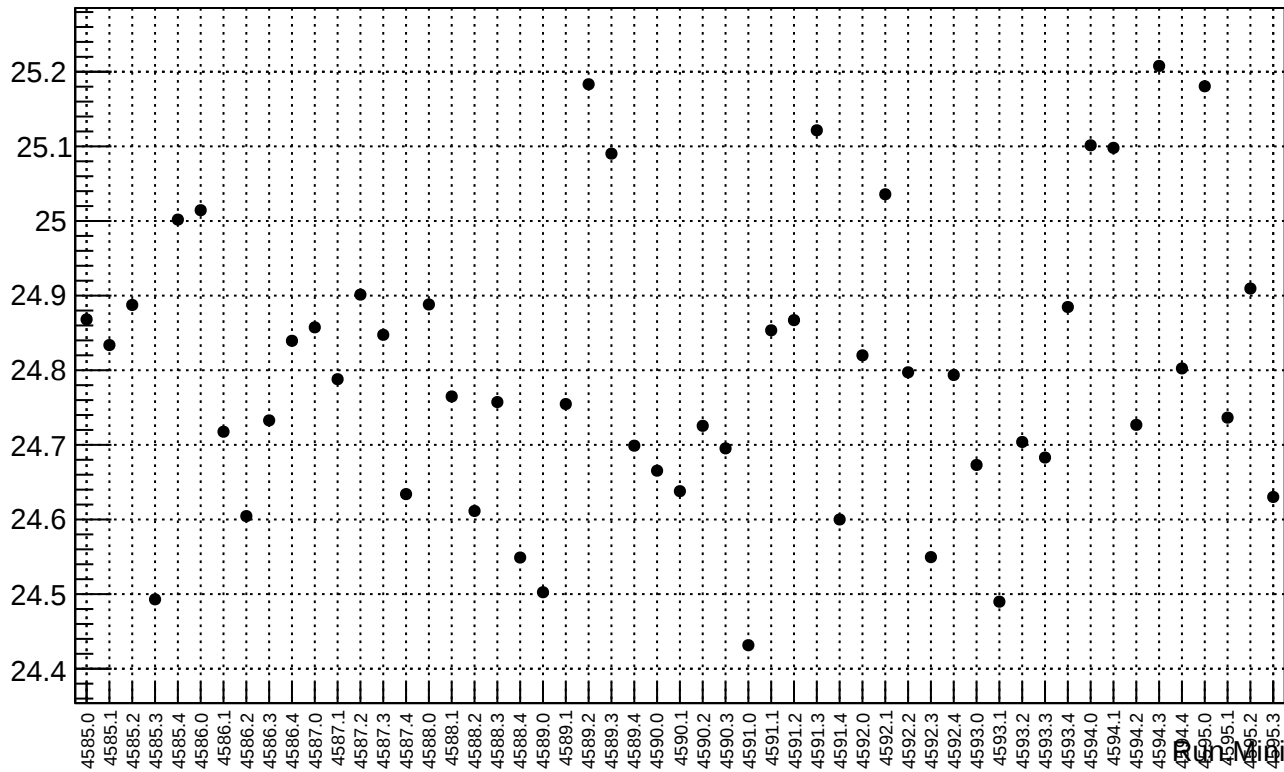
htemp

Entries 53

Mean 24.8

Std Dev 0.1883

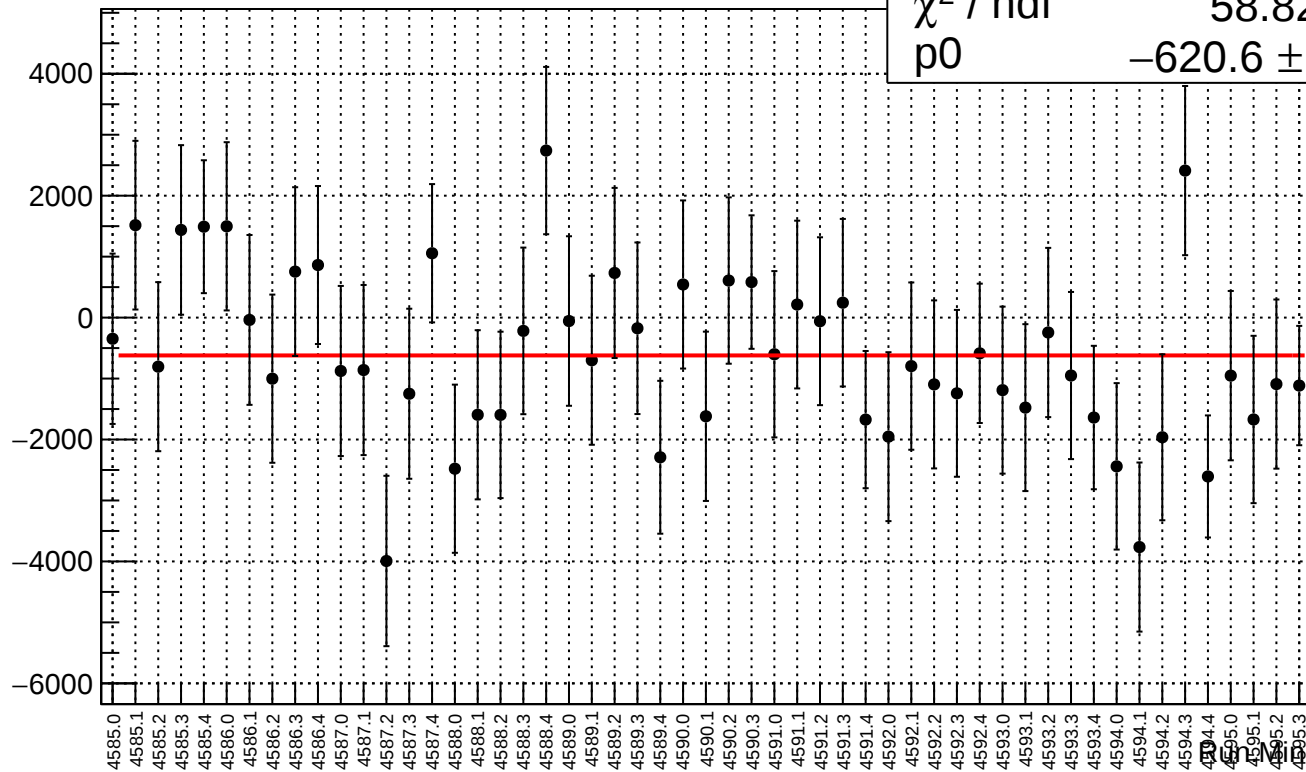
reg_asym_left_dd.rms/ppm



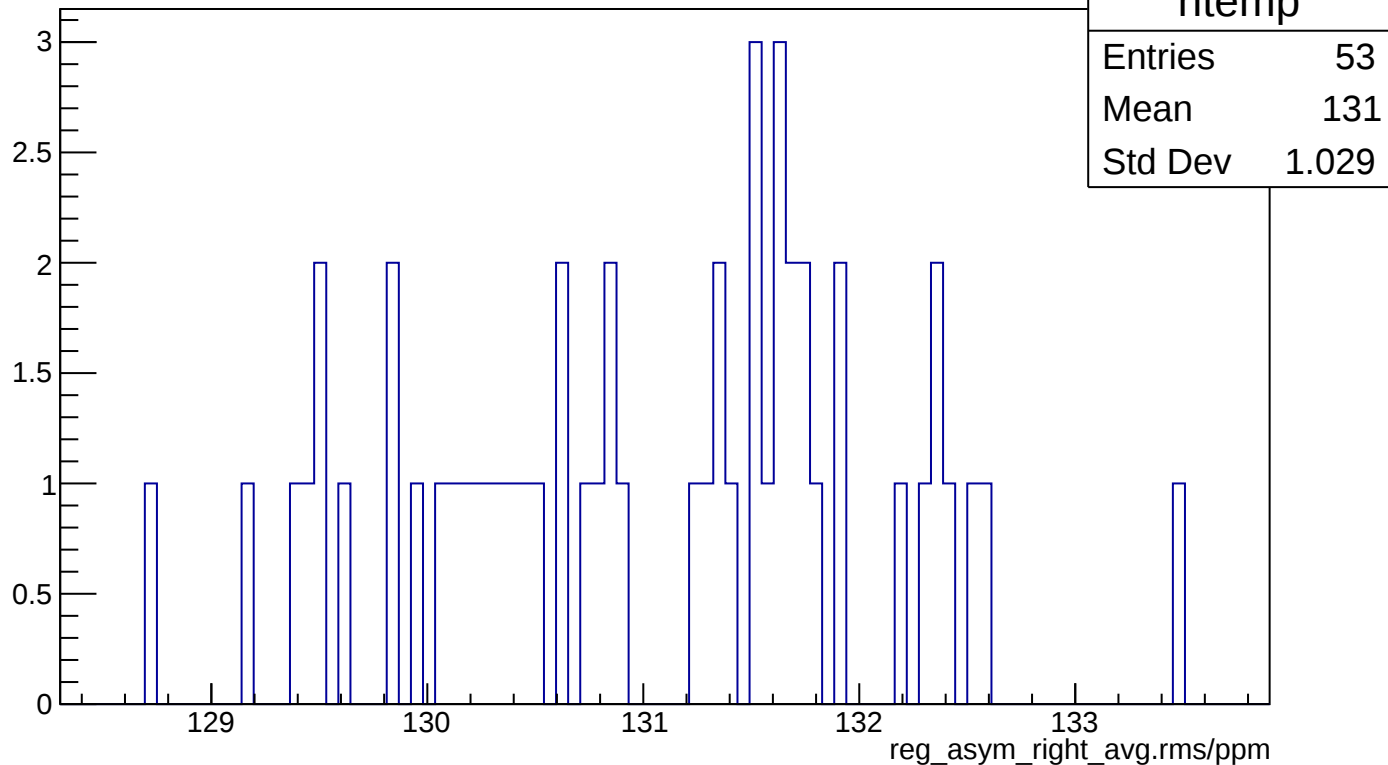
reg_asym_right_avg.mean/ppb

χ^2 / ndf
p0

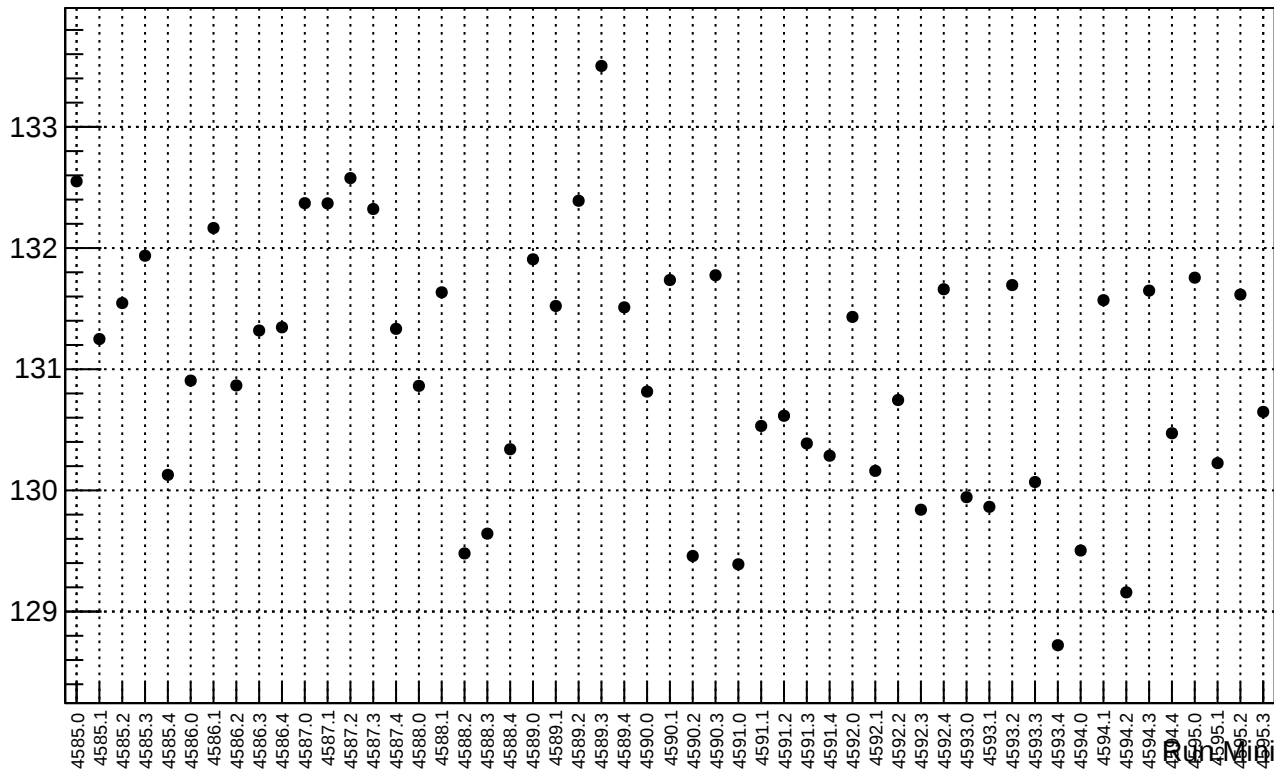
58.82 / 52
 -620.6 ± 181



reg_asym_right_avg.rms/ppm



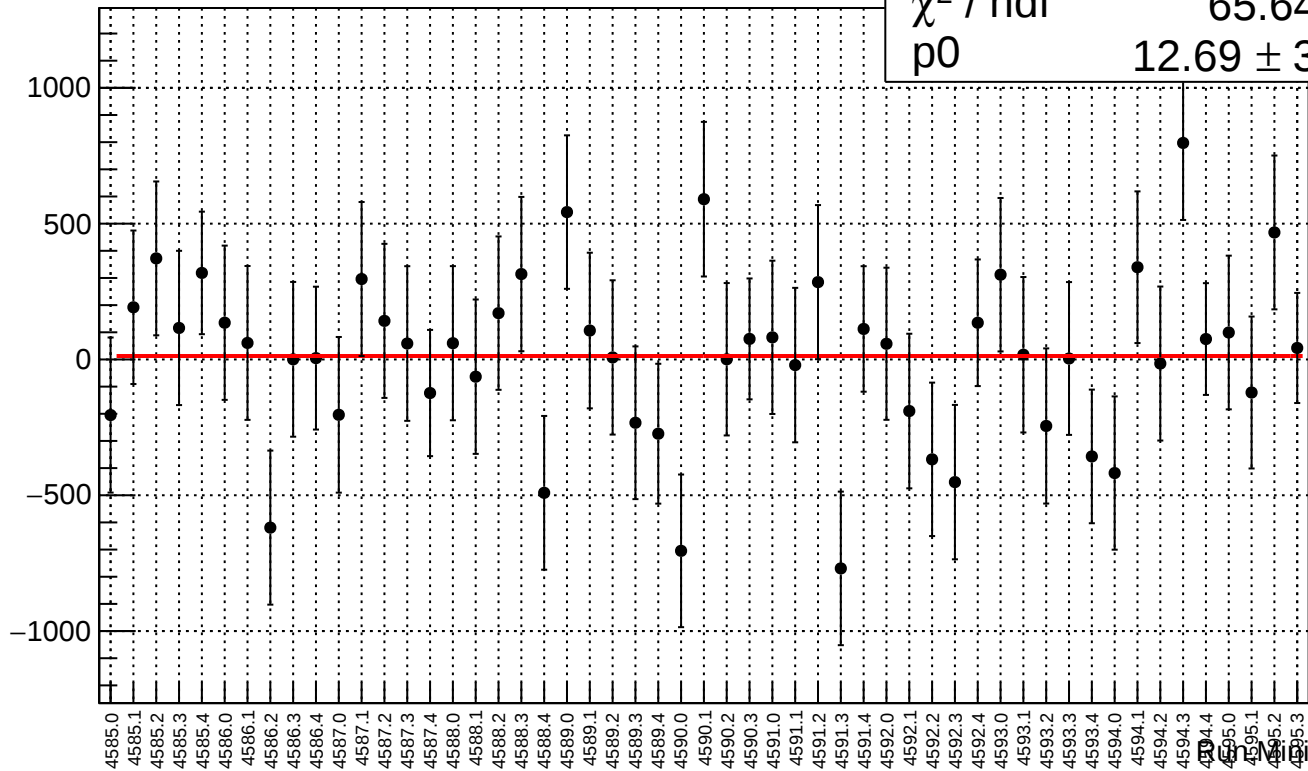
reg_asym_right_avg.rms/ppm



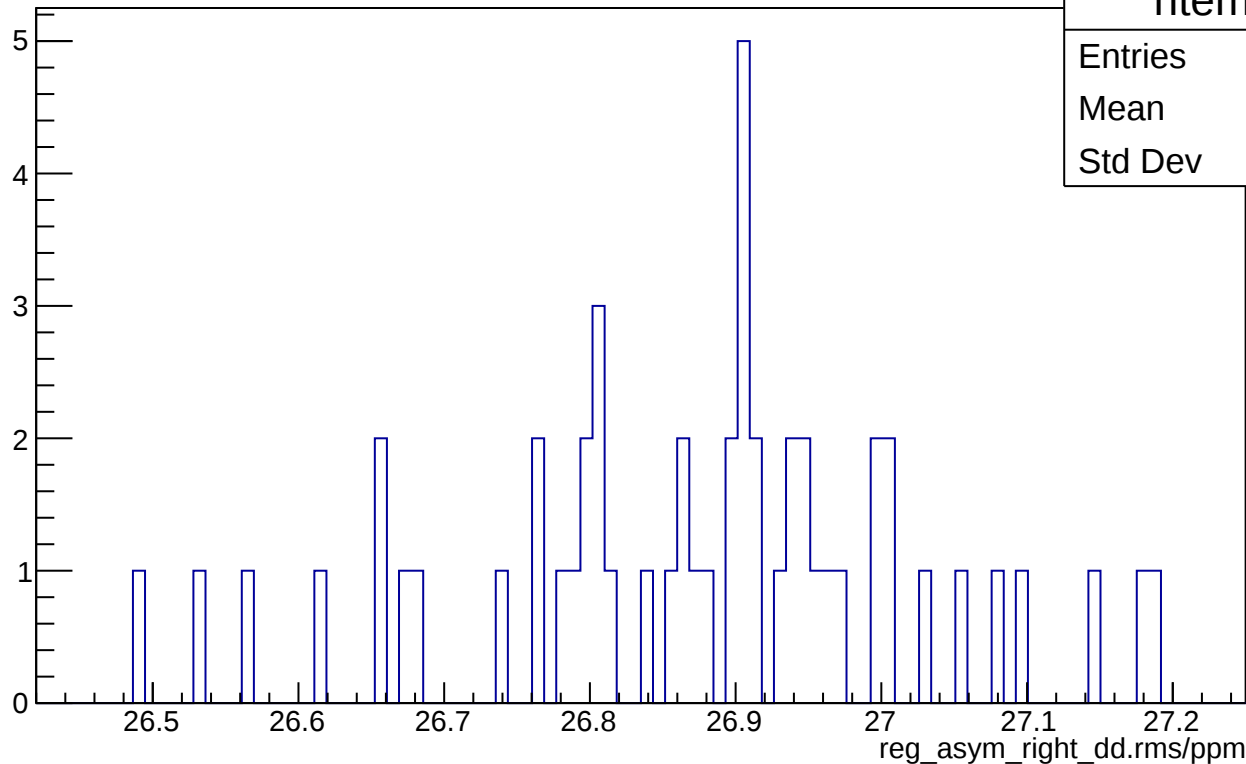
reg_asym_right_dd.mean/ppb

χ^2 / ndf
p0

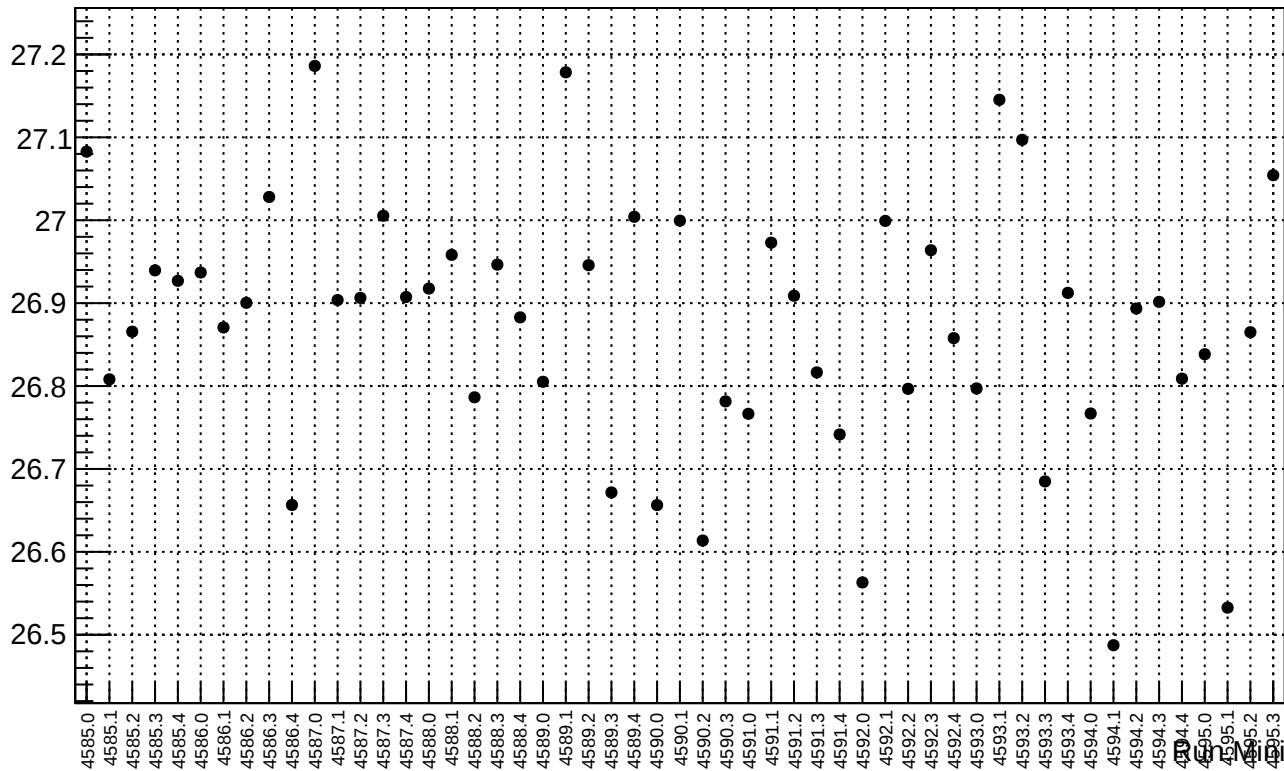
65.64 / 52
 12.69 ± 37.13



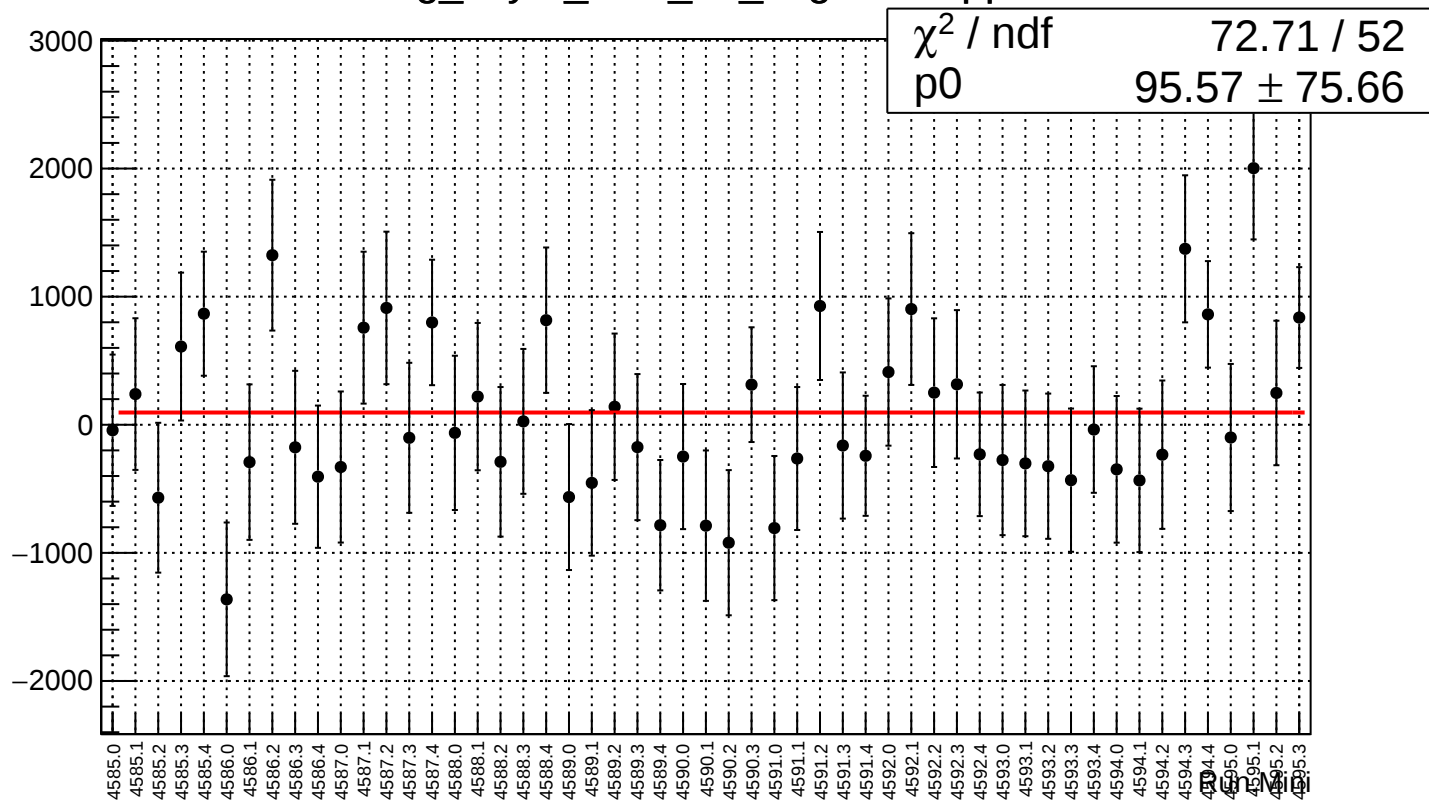
reg_asym_right_dd.rms/ppm



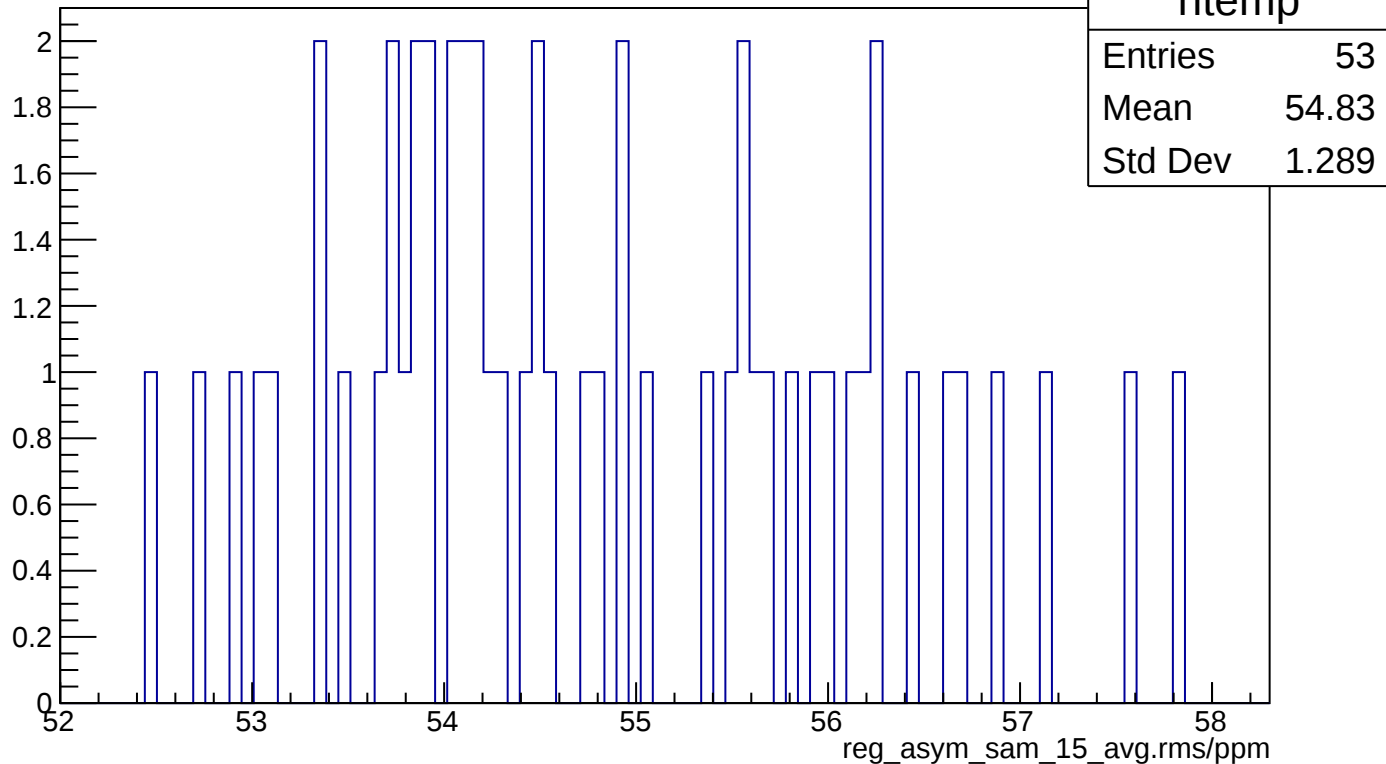
reg_asym_right_dd.rms/ppm



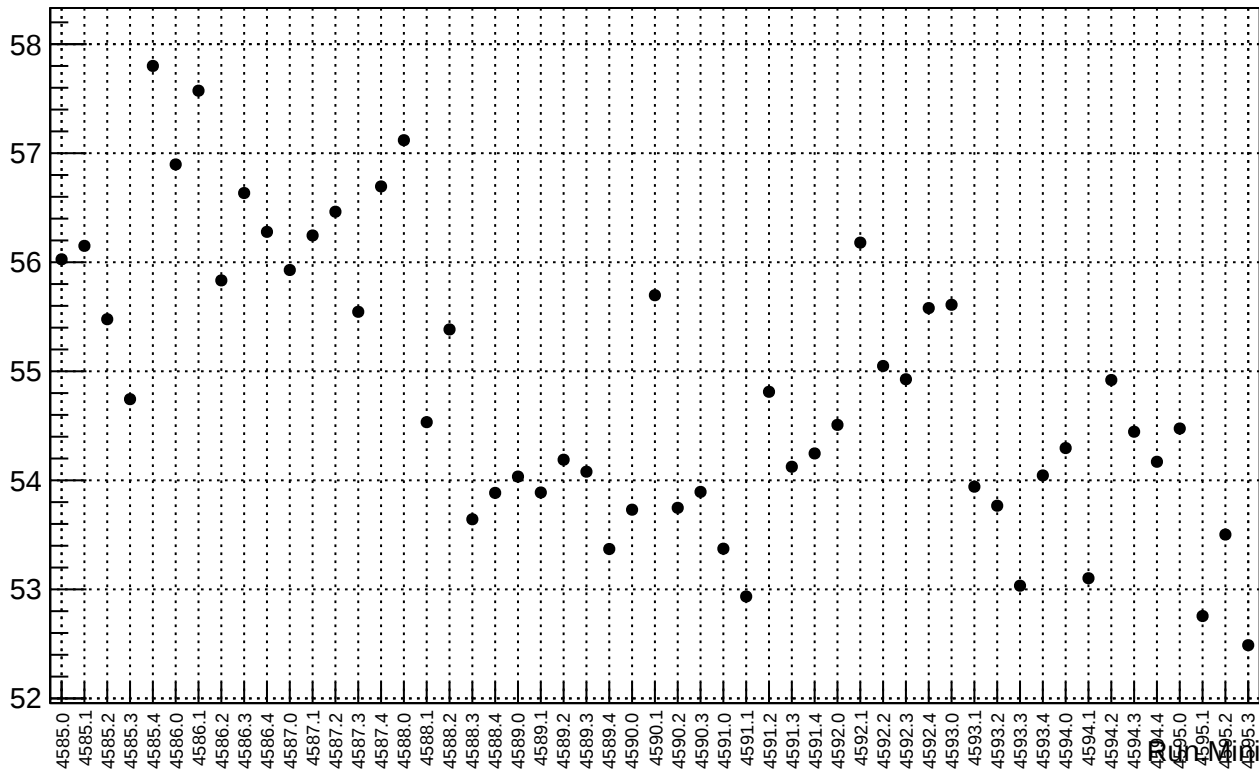
reg_asym_sam_15_avg.mean/ppb



reg_asym_sam_15_avg.rms/ppm



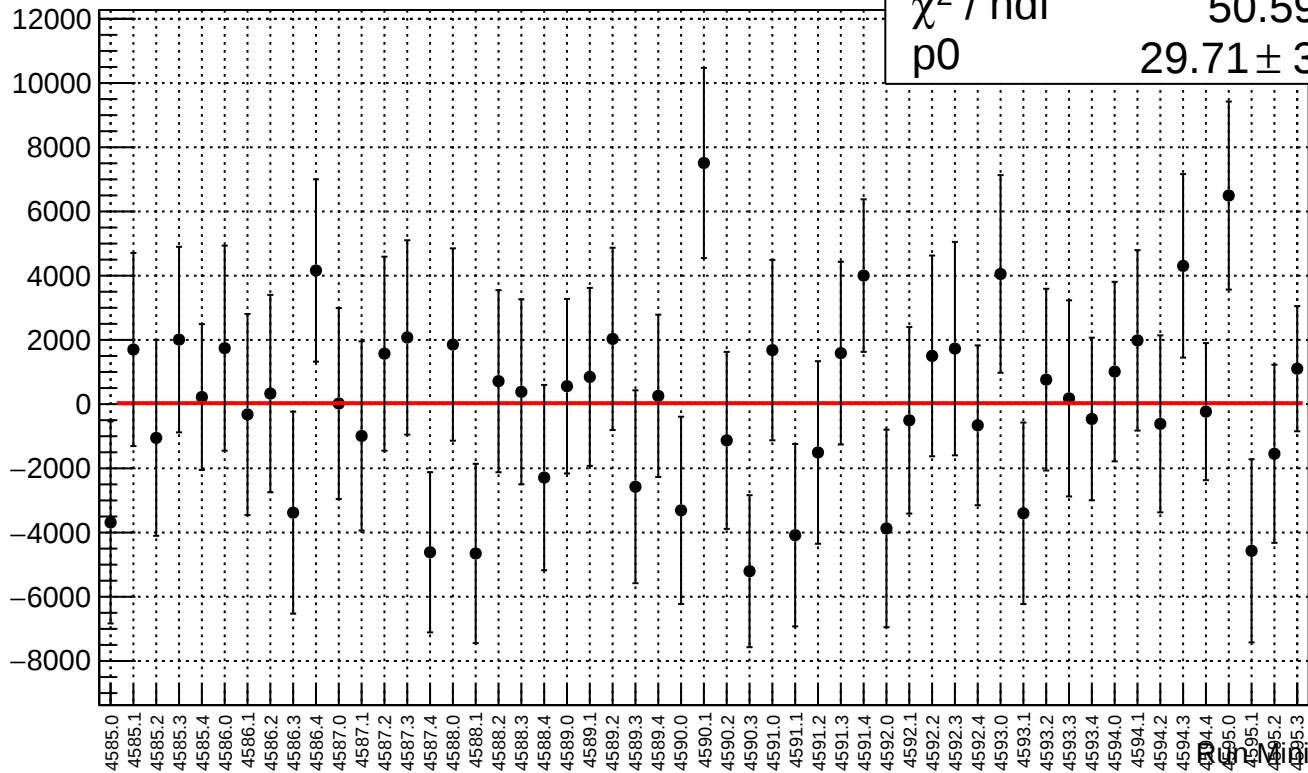
reg_asym_sam_15_avg.rms/ppm



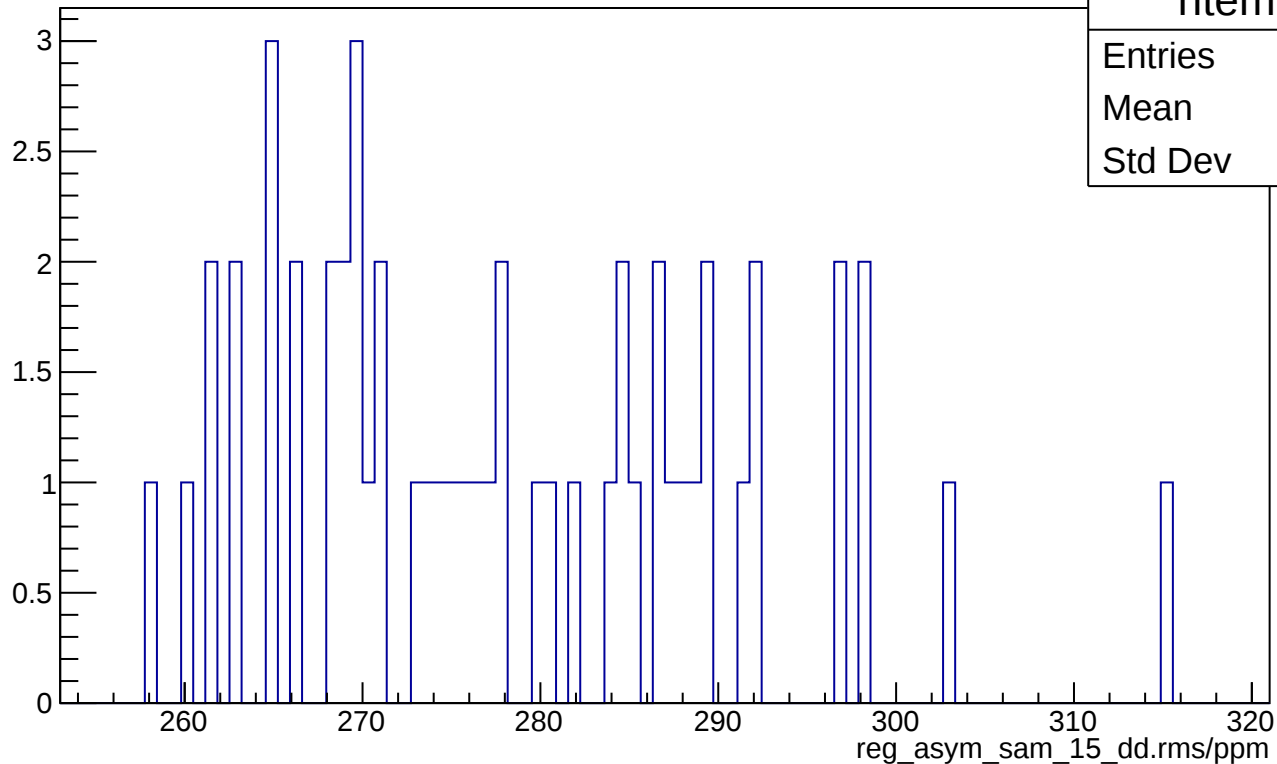
reg_asym_sam_15_dd.mean/ppb

χ^2 / ndf
p0

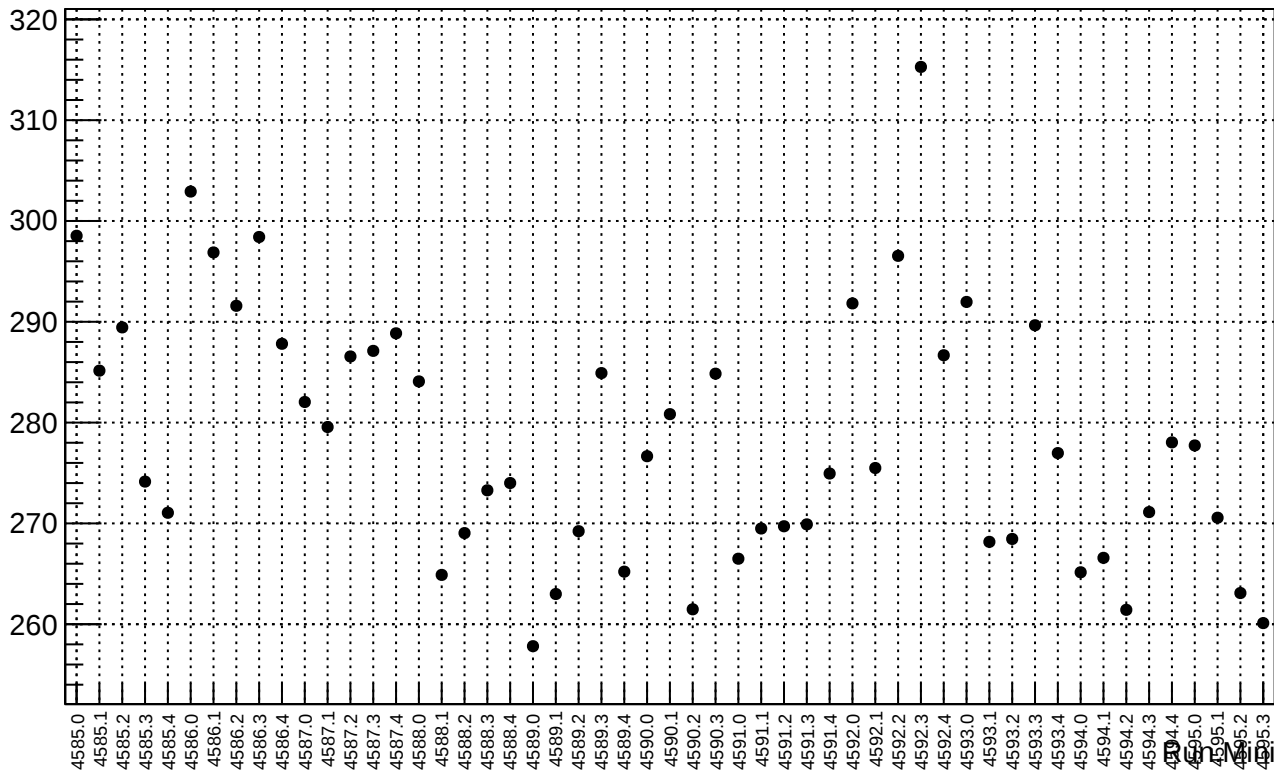
50.59 / 52
 29.71 ± 383.2



reg_asym_sam_15_dd.rms/ppm



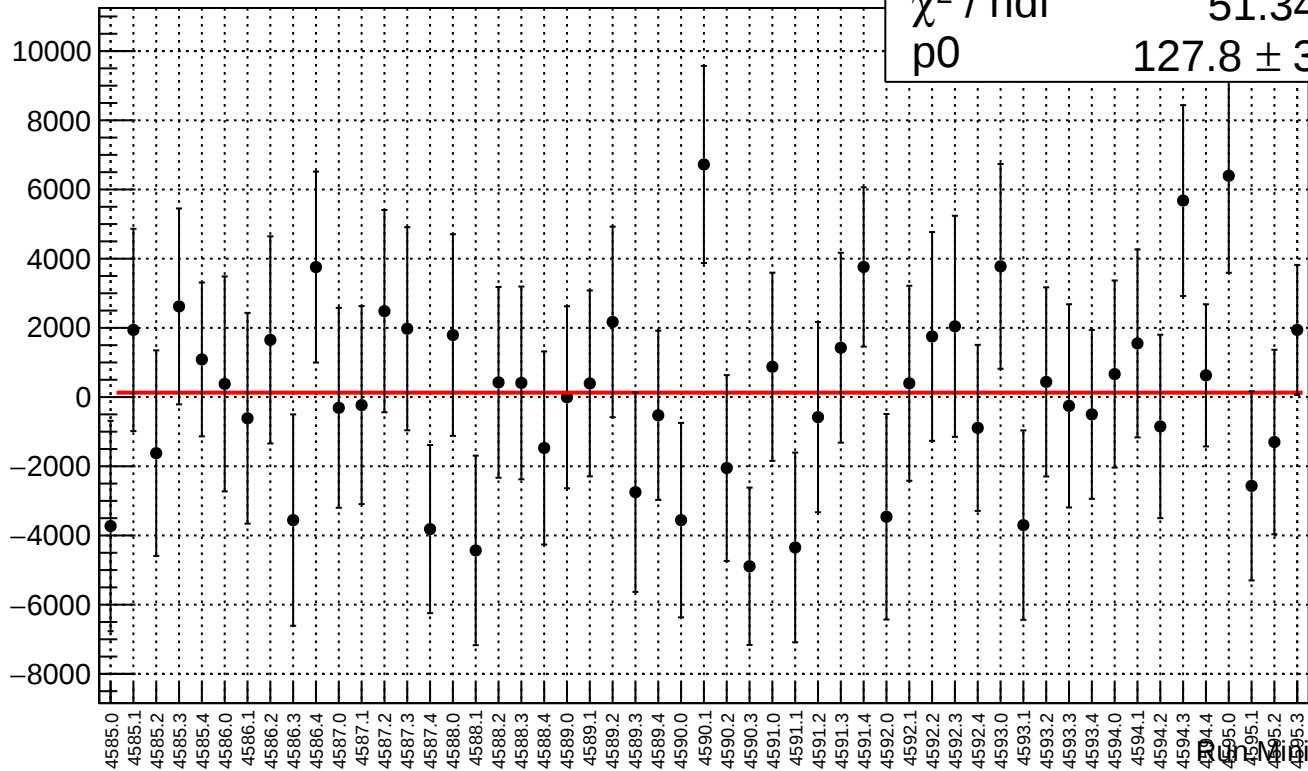
reg_asym_sam_15_dd.rms/ppm



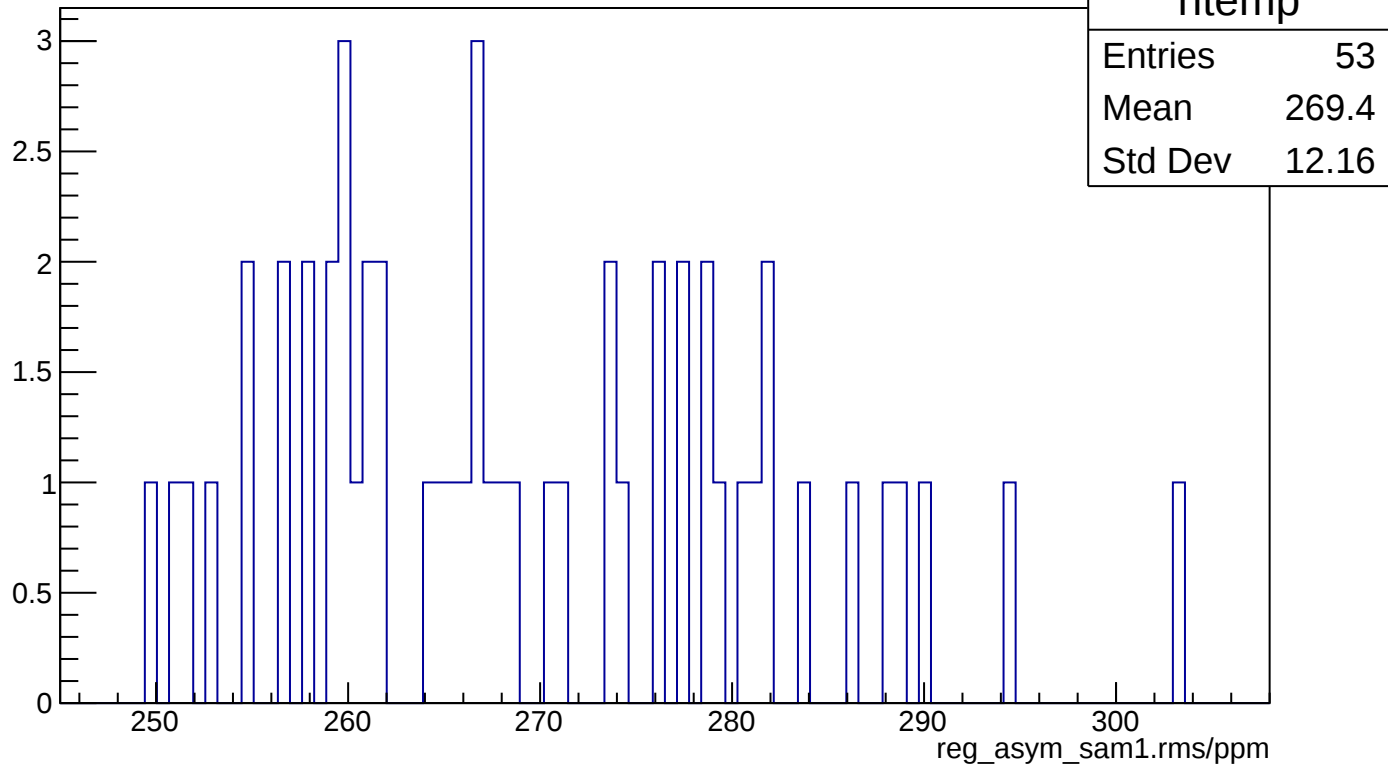
reg_asym_sam1.mean/ppb

χ^2 / ndf
p0

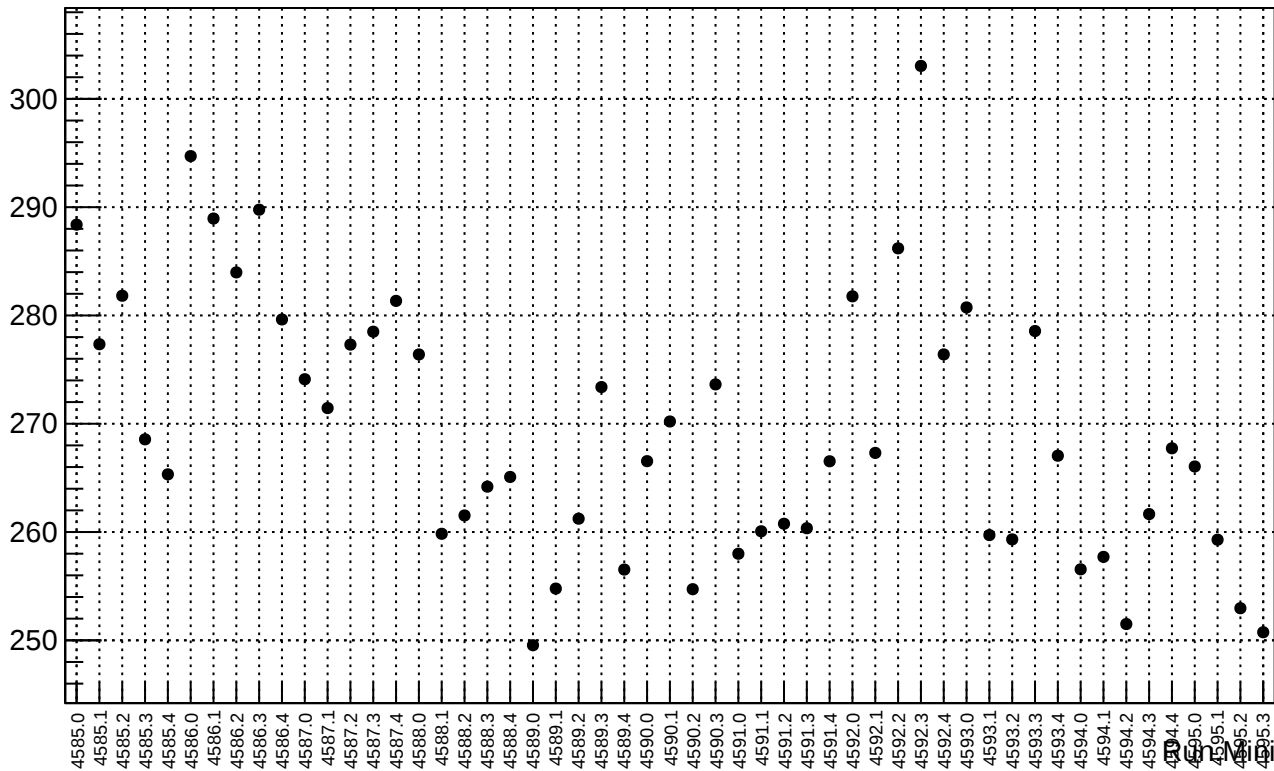
51.34 / 52
 127.8 ± 370.8



reg_asym_sam1.rms/ppm



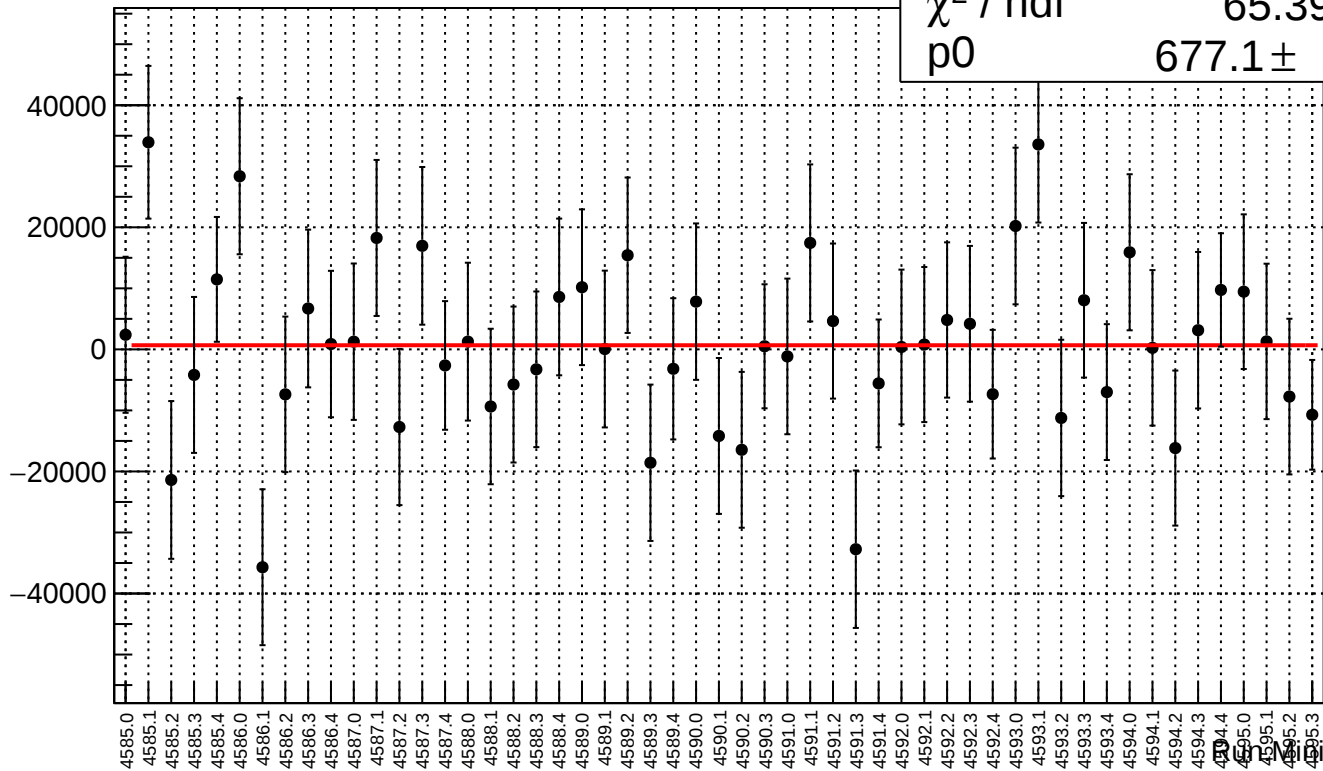
reg_asym_sam1.rms/ppm



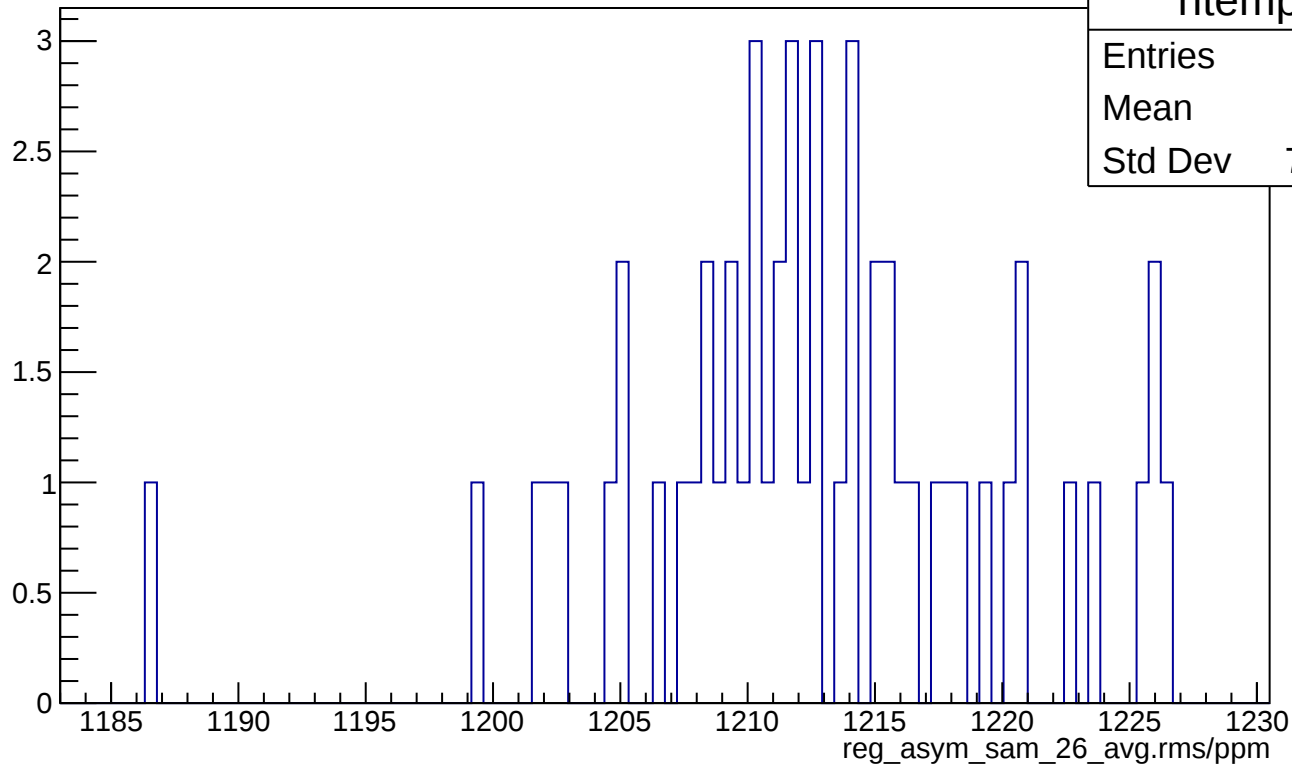
reg_asym_sam_26_avg.mean/ppb

χ^2 / ndf
p0

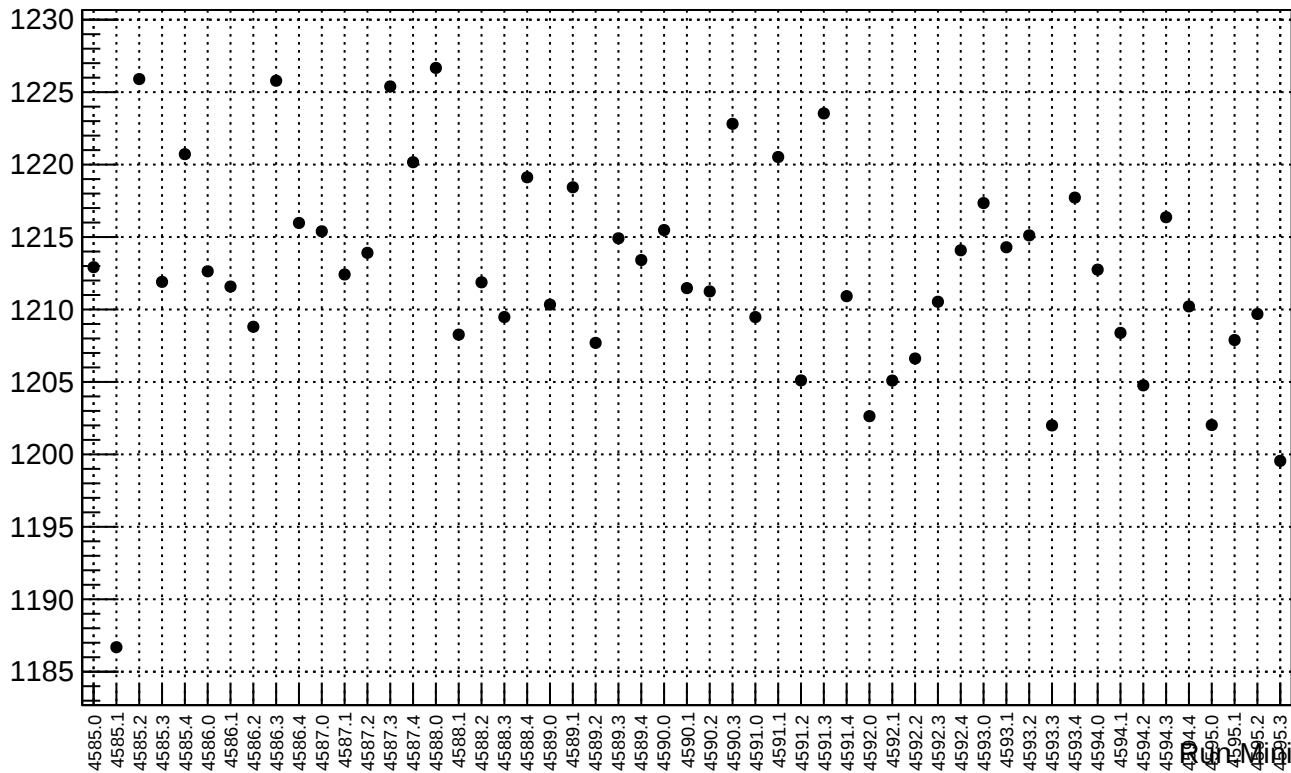
65.39 / 52
 677.1 ± 1675



reg_asym_sam_26_avg.rms/ppm



reg_asym_sam_26_avg.rms/ppm

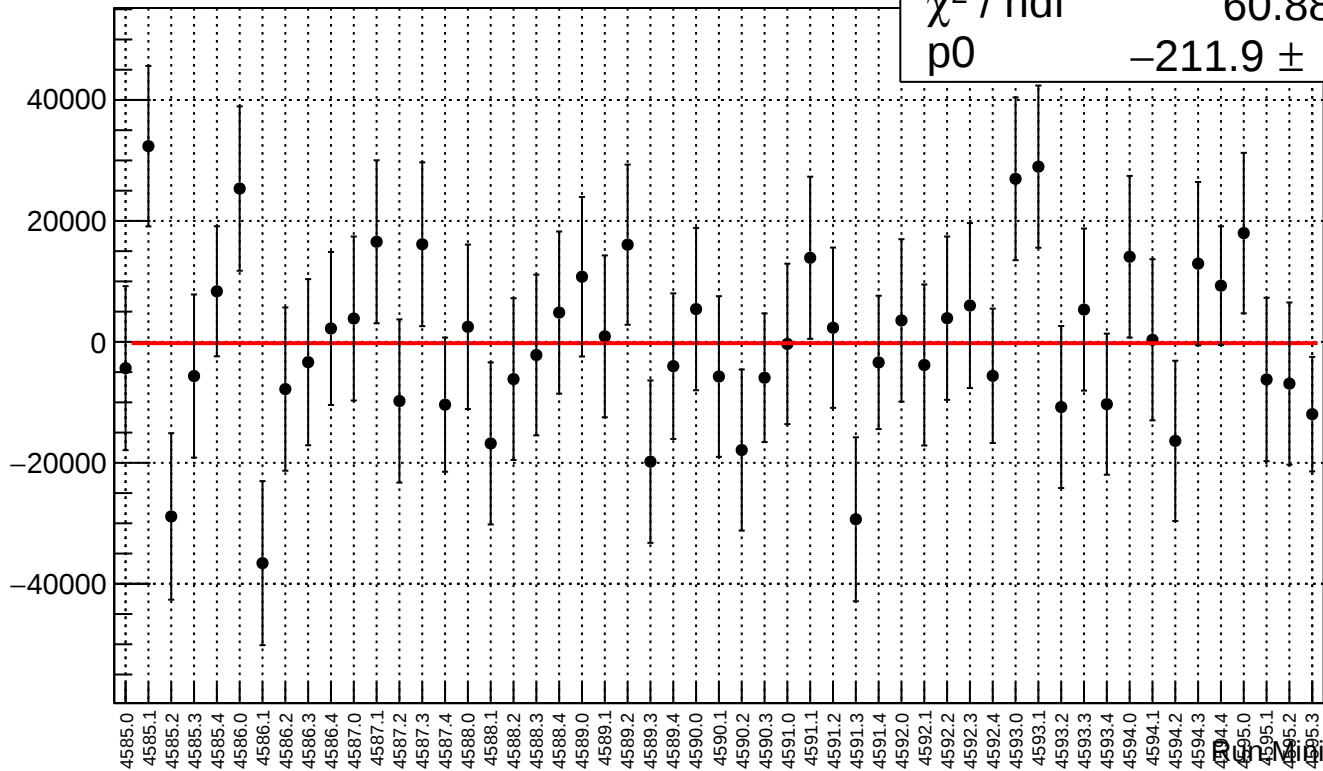


reg_asym_sam_26_dd.mean/ppb

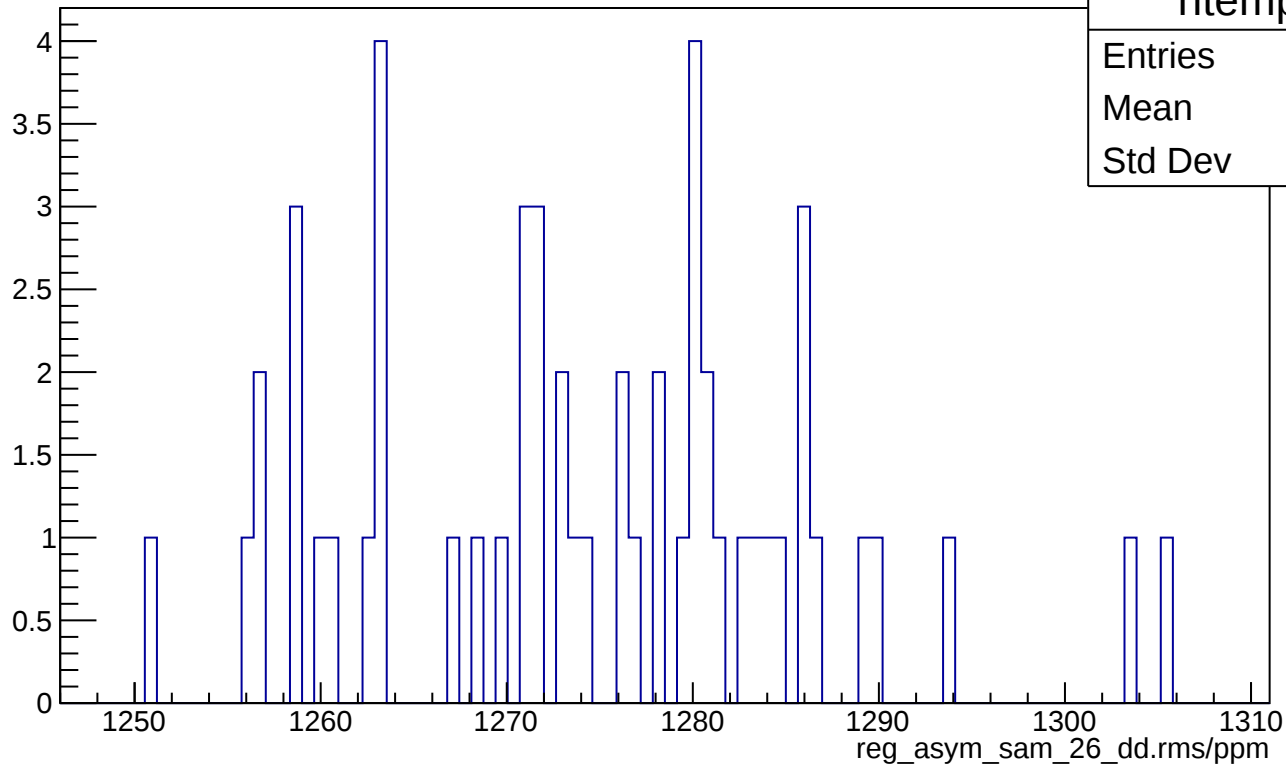
χ^2 / ndf
p0

60.88 / 52

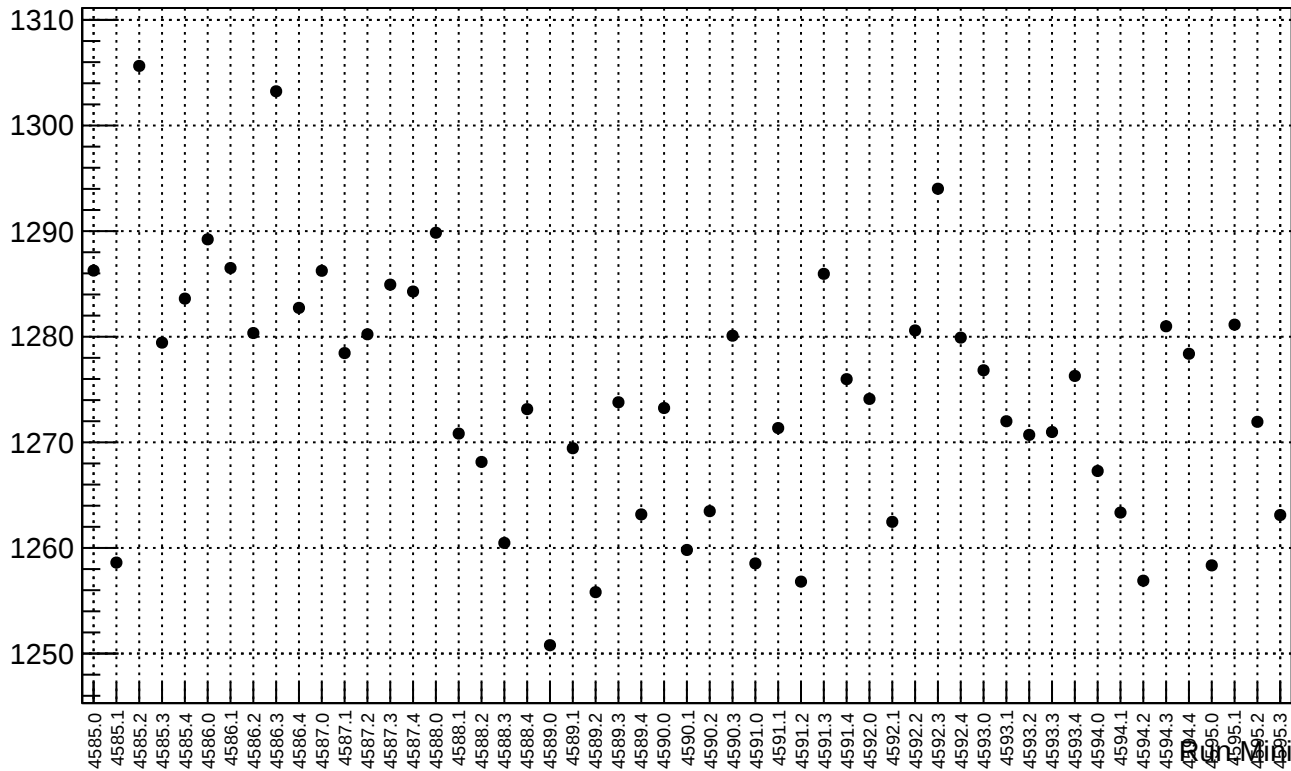
-211.9 ± 1761



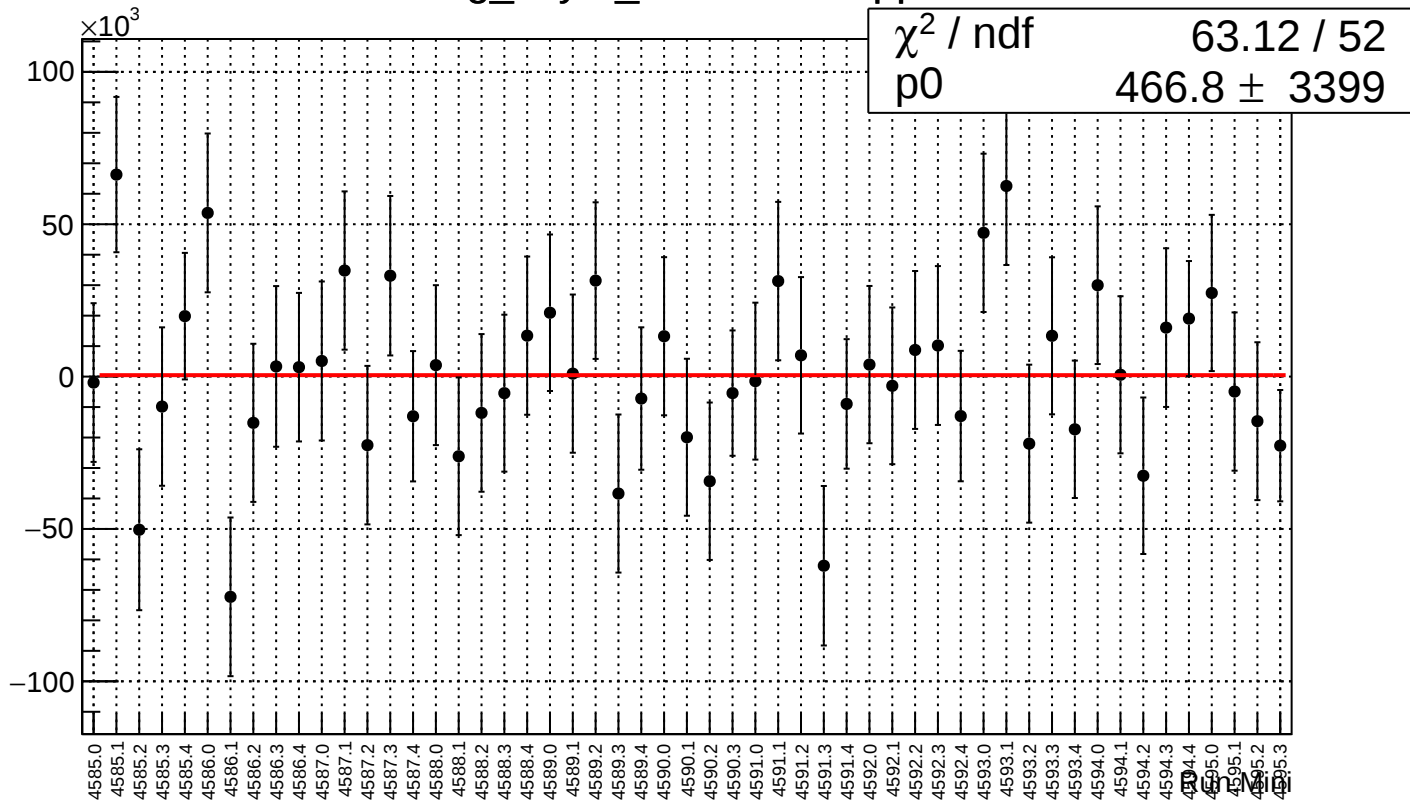
reg_asym_sam_26_dd.rms/ppm



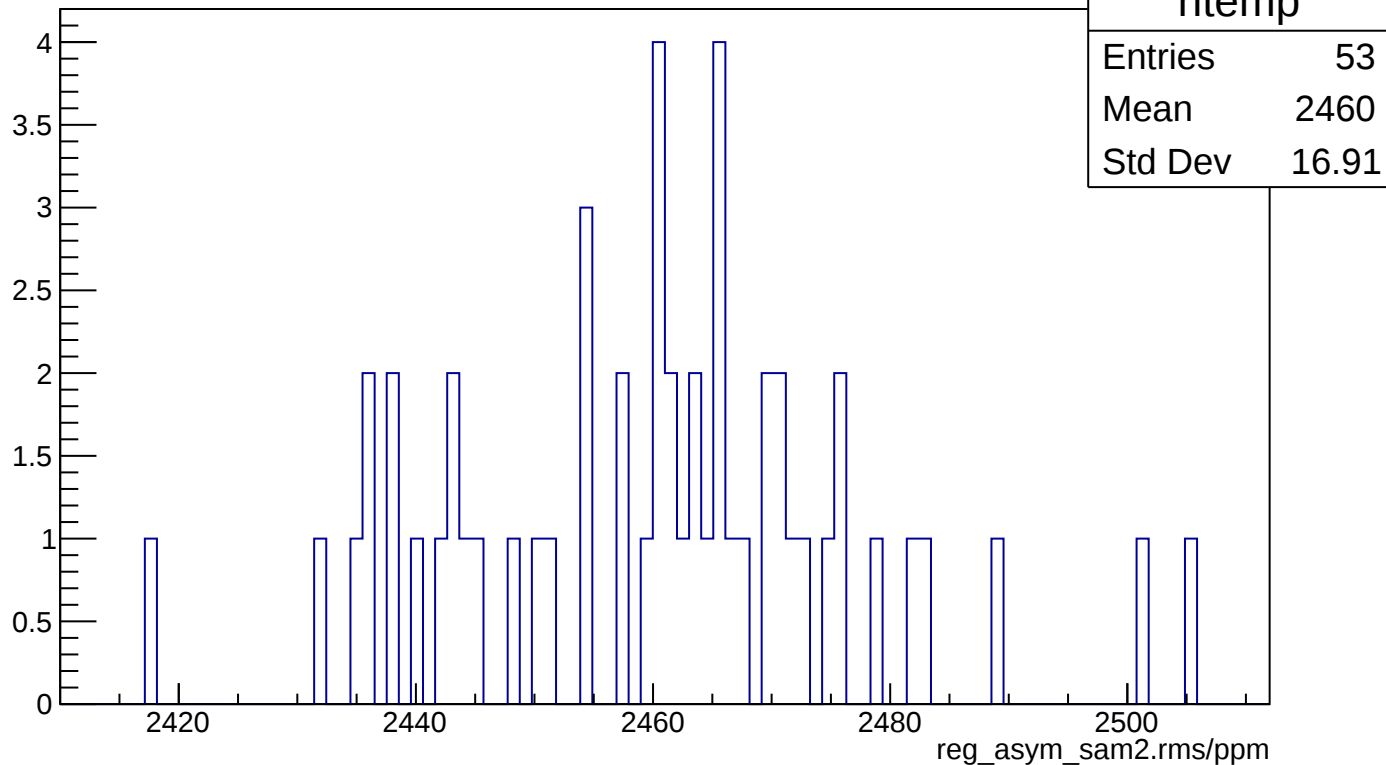
reg_asym_sam_26_dd.rms/ppm



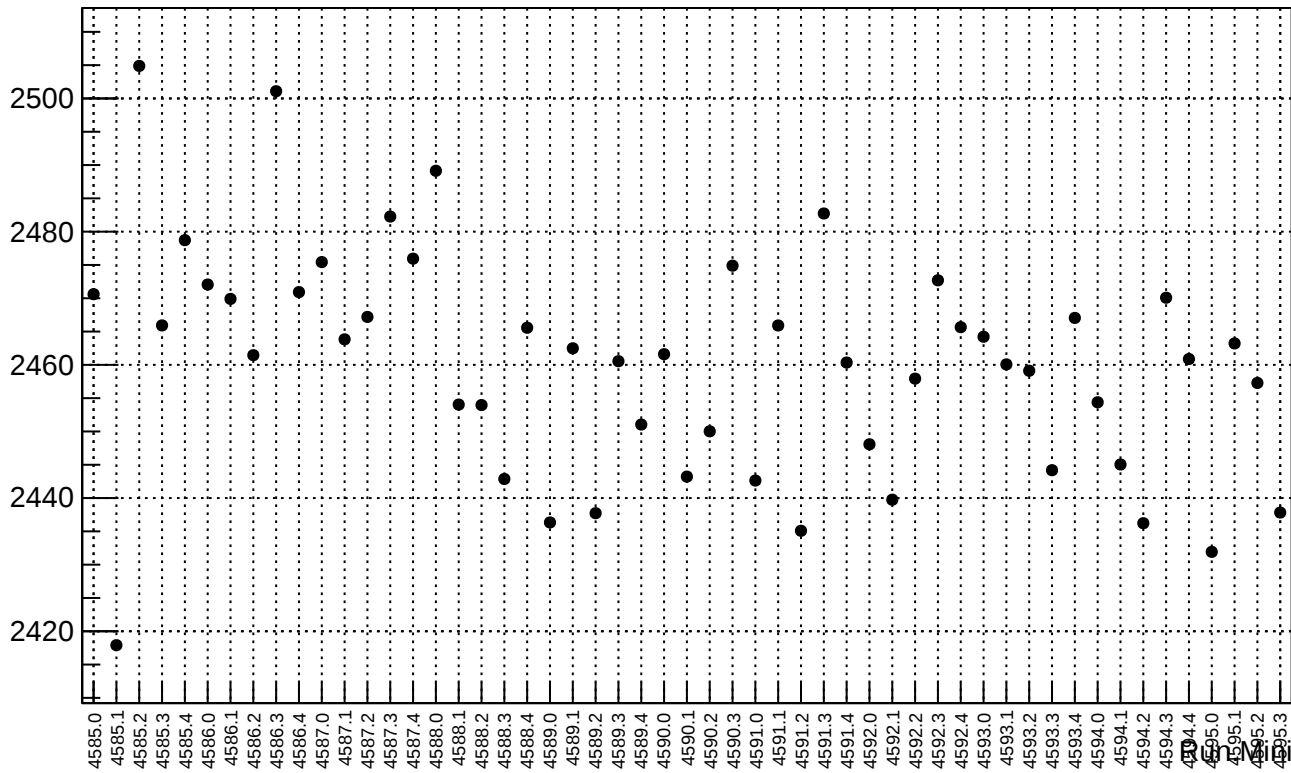
reg_asym_sam2.mean/ppb



reg_asym_sam2.rms/ppm



reg_asym_sam2.rms/ppm

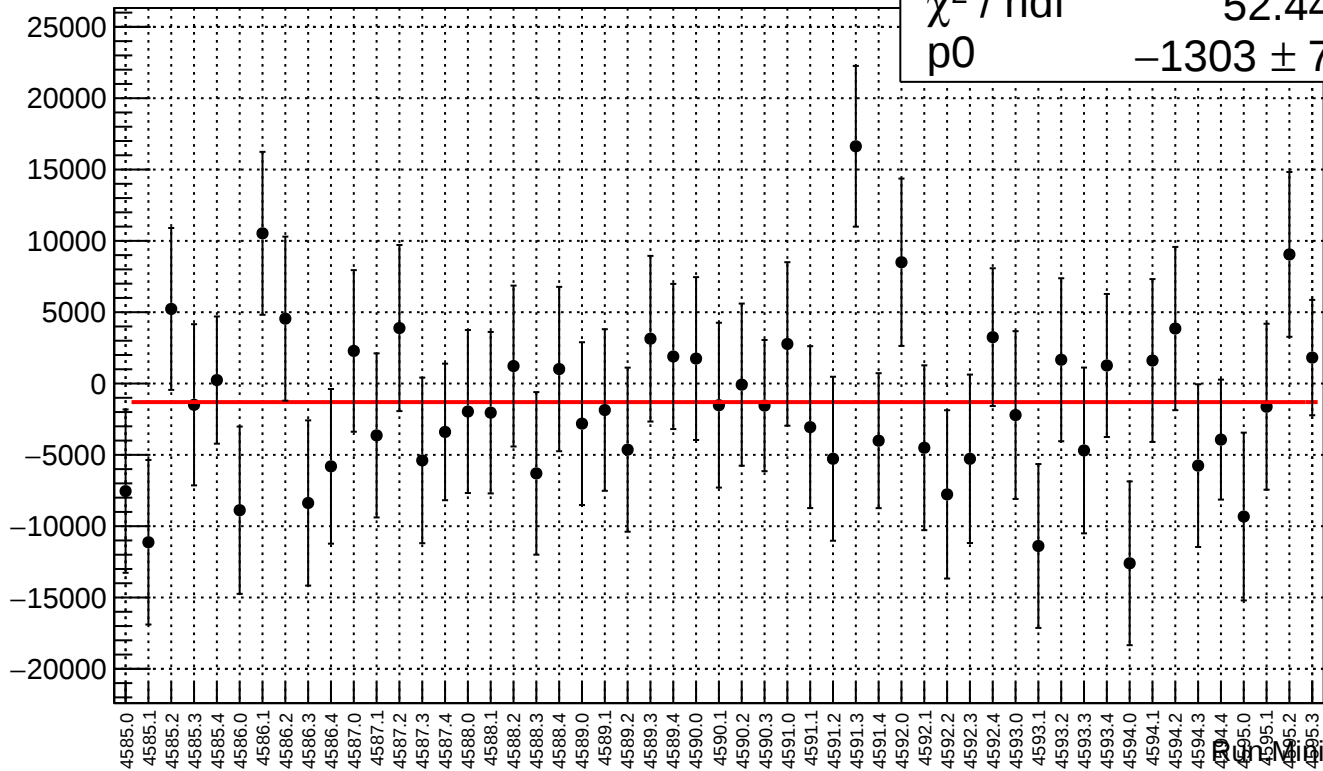


reg_asym_sam_37_avg.mean/ppb

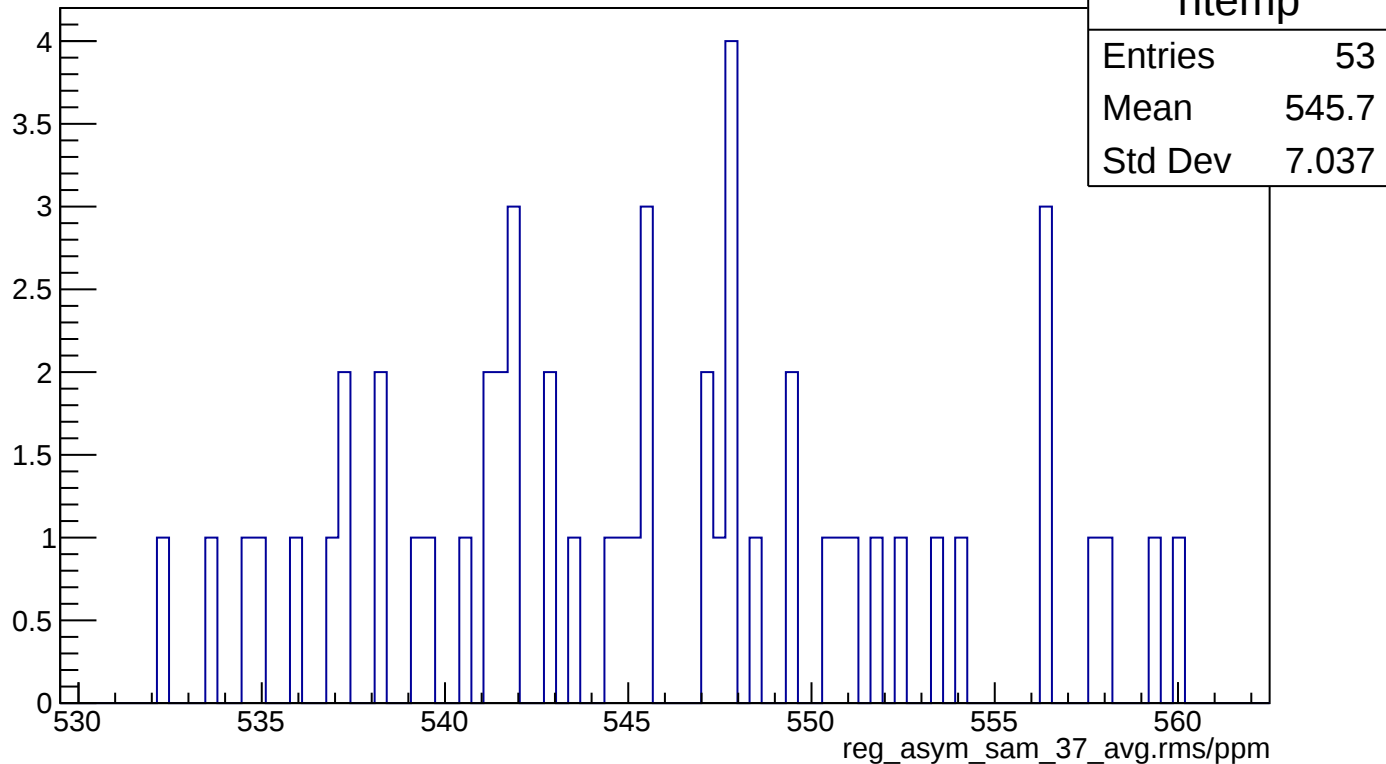
χ^2 / ndf
p0

52.44 / 52

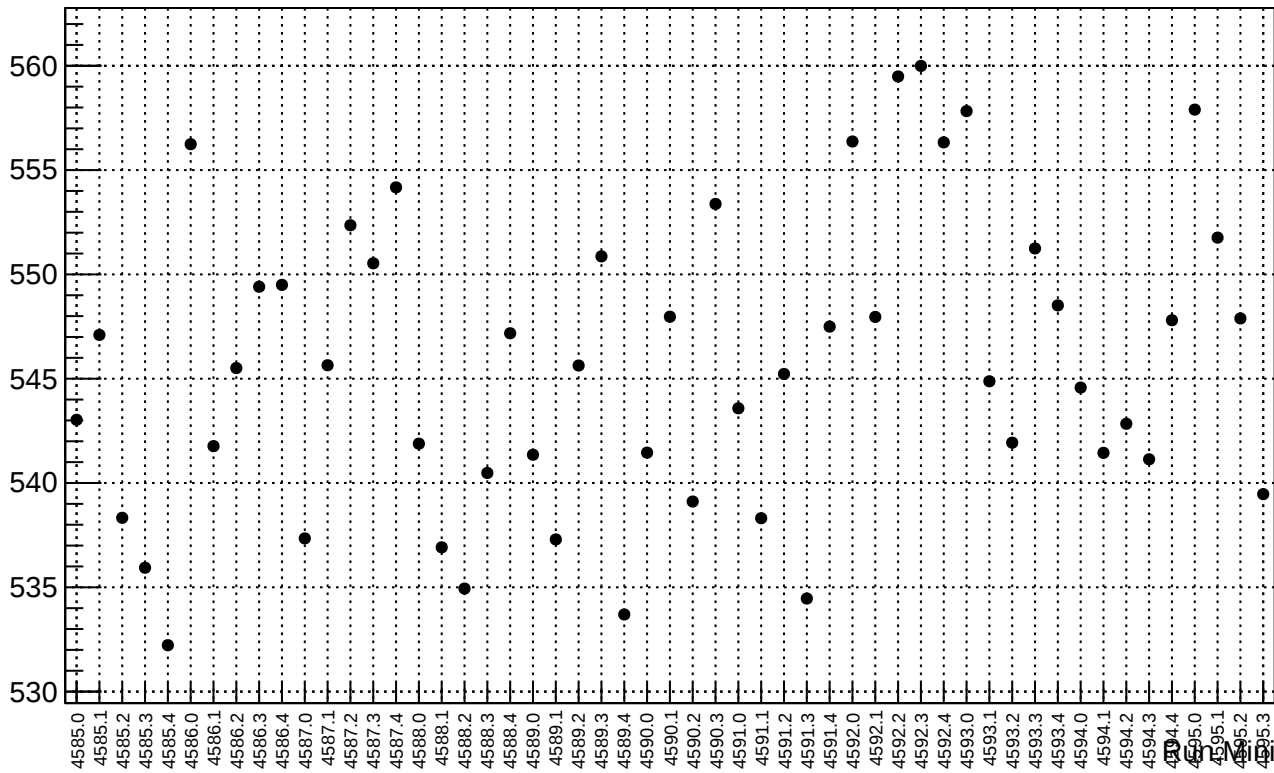
-1303 ± 753.8



reg_asym_sam_37_avg.rms/ppm



reg_asym_sam_37_avg.rms/ppm

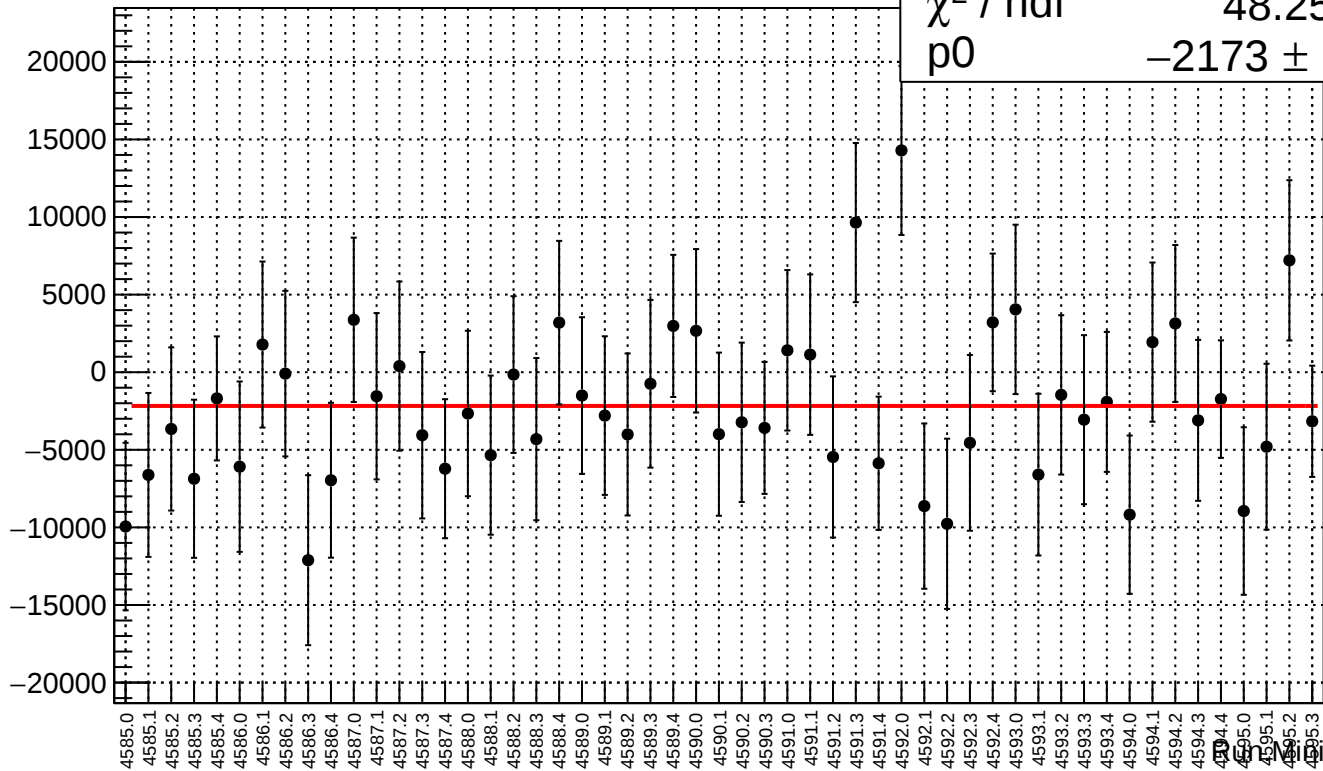


reg_asym_sam_37_dd.mean/ppb

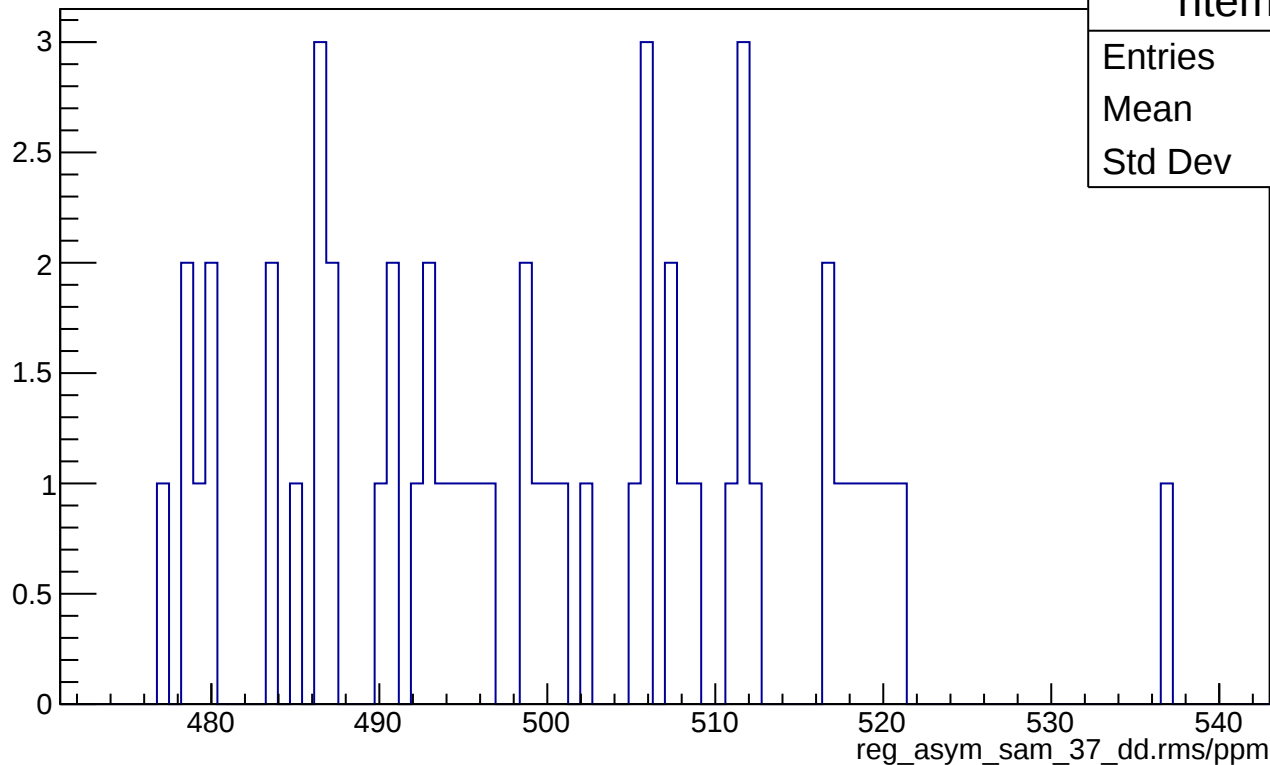
χ^2 / ndf
p0

48.25 / 52

-2173 ± 689



reg_asym_sam_37_dd.rms/ppm



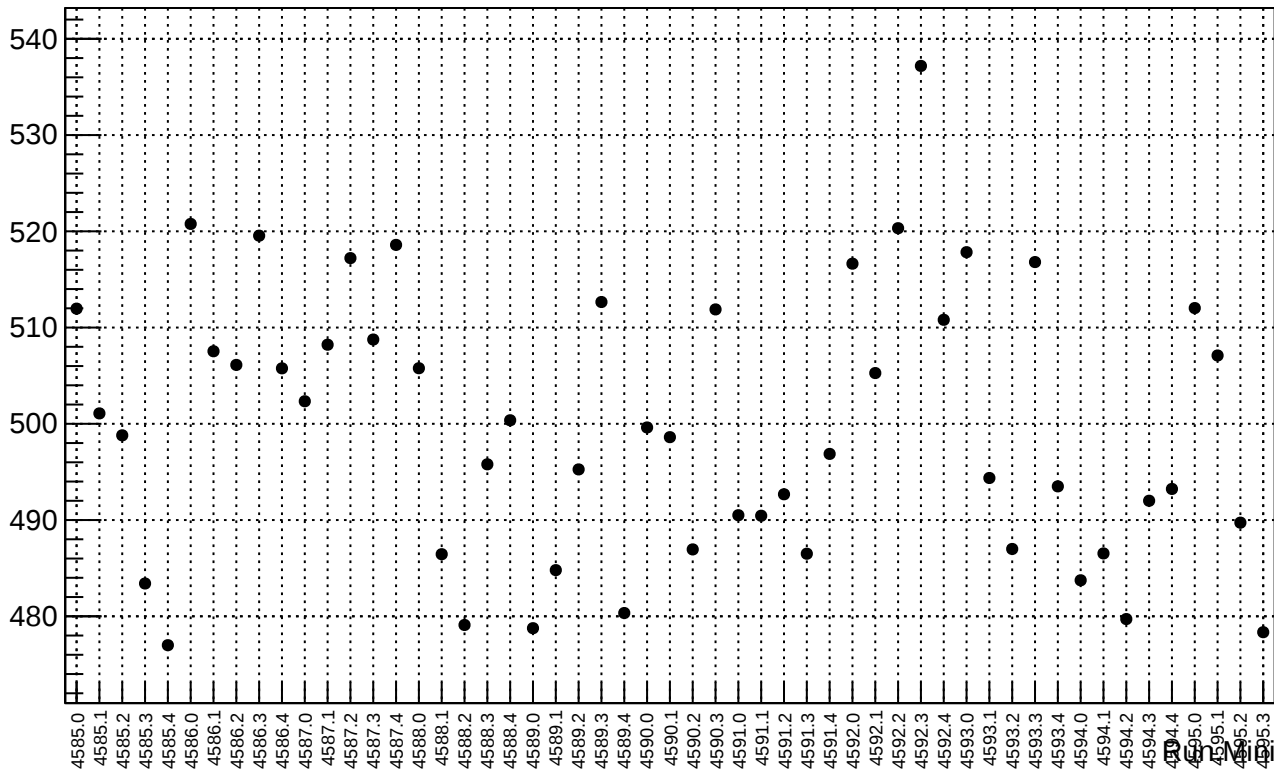
htemp

Entries 53

Mean 499.7

Std Dev 13.83

reg_asym_sam_37_dd.rms/ppm

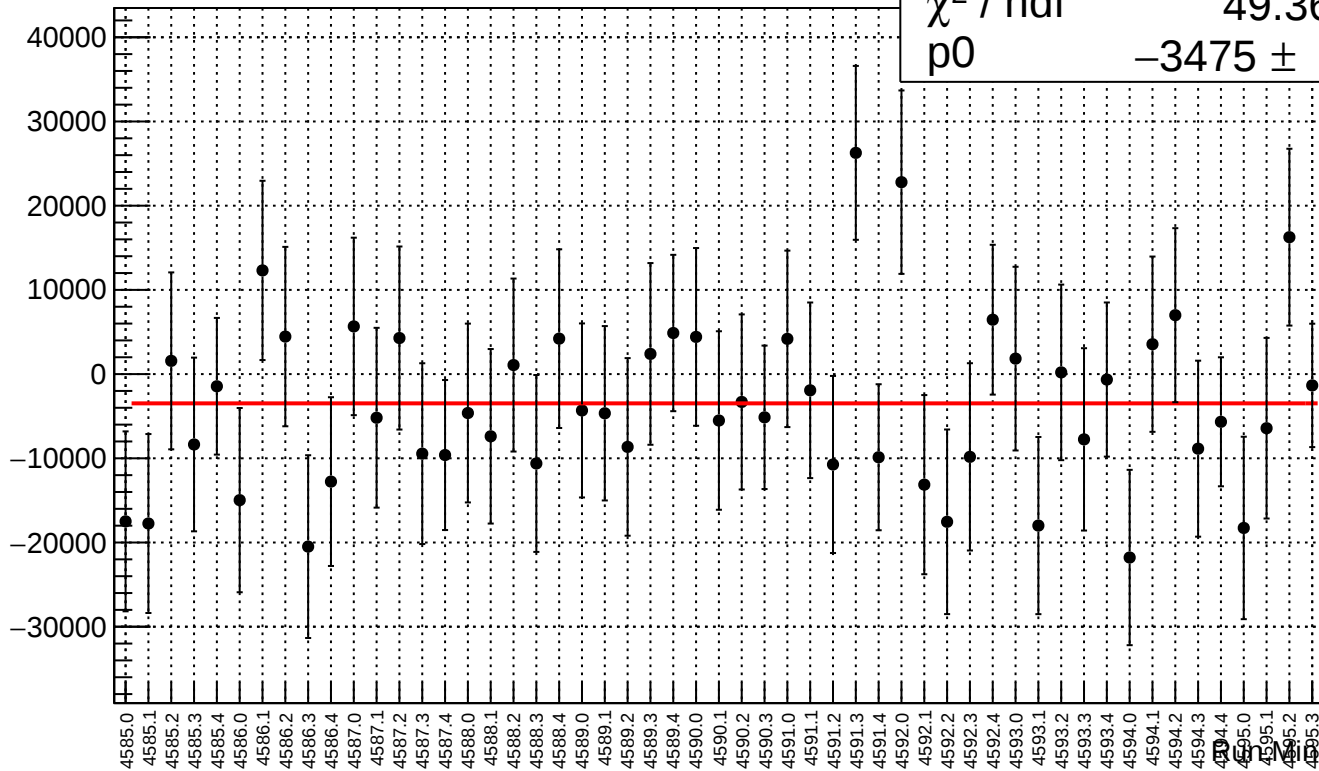


reg_asym_sam3.mean/ppb

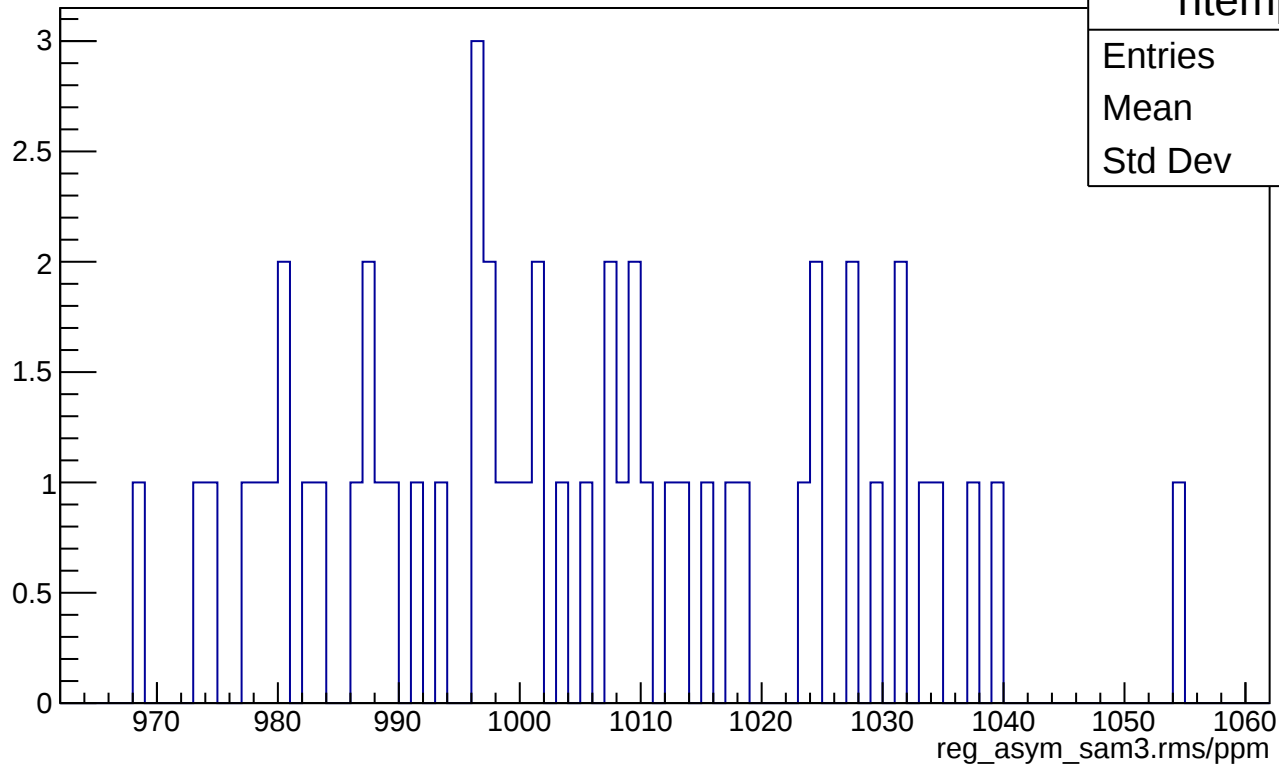
χ^2 / ndf
p0

49.36 / 52

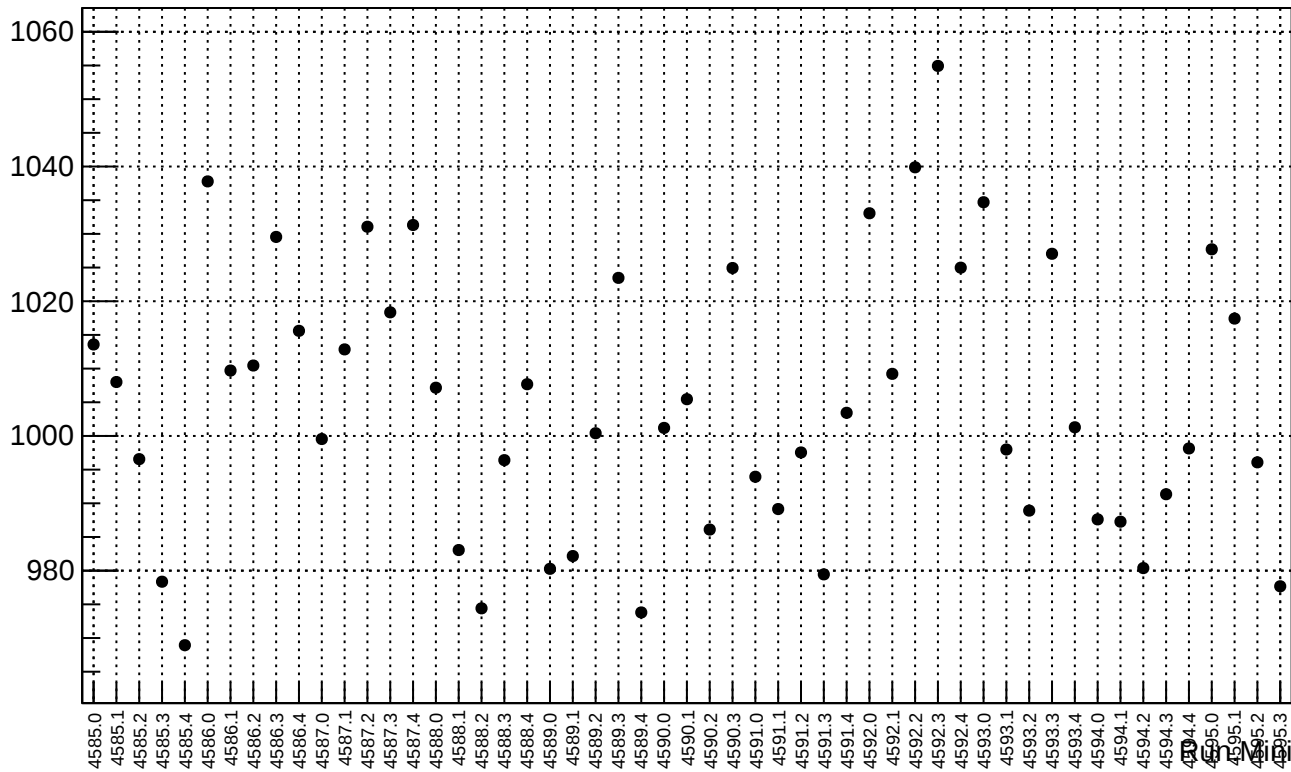
-3475 ± 1387



reg_asym_sam3.rms/ppm



reg_asym_sam3.rms/ppm

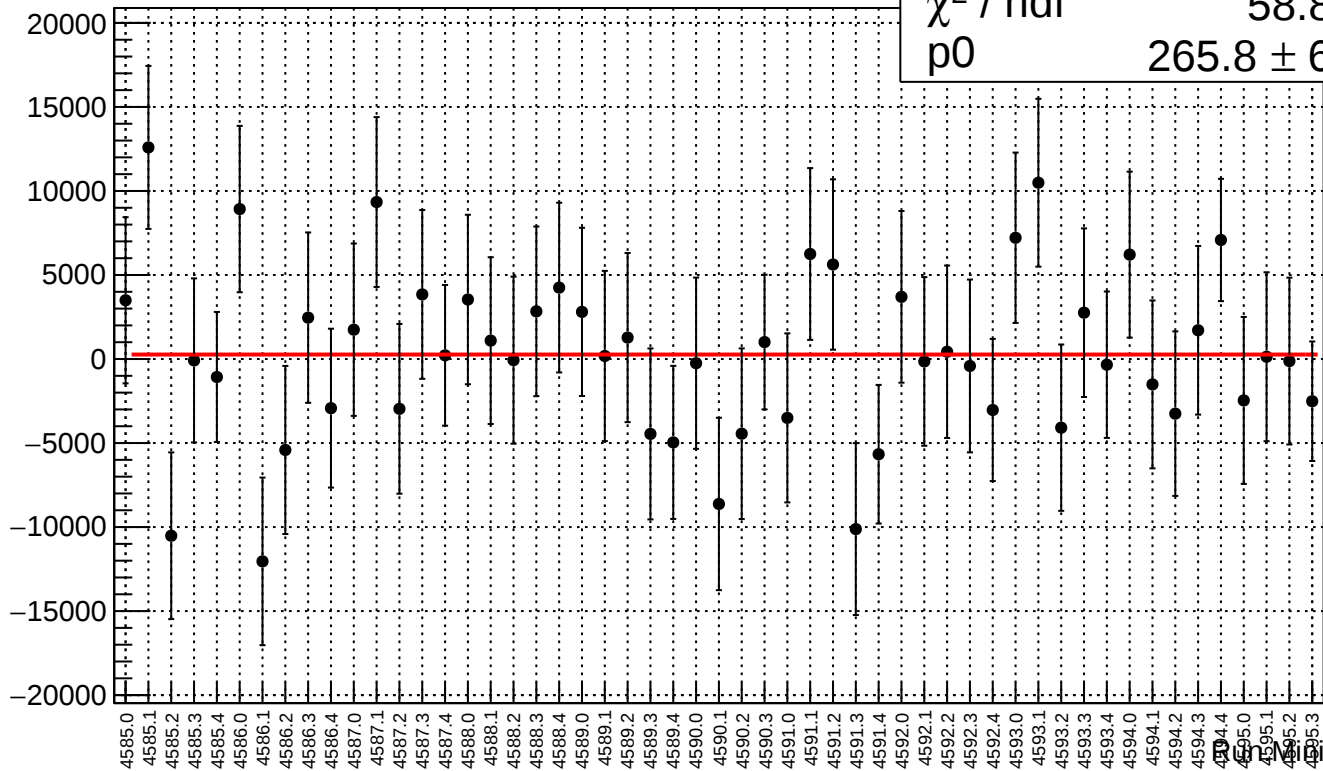


reg_asym_sam_48_avg.mean/ppb

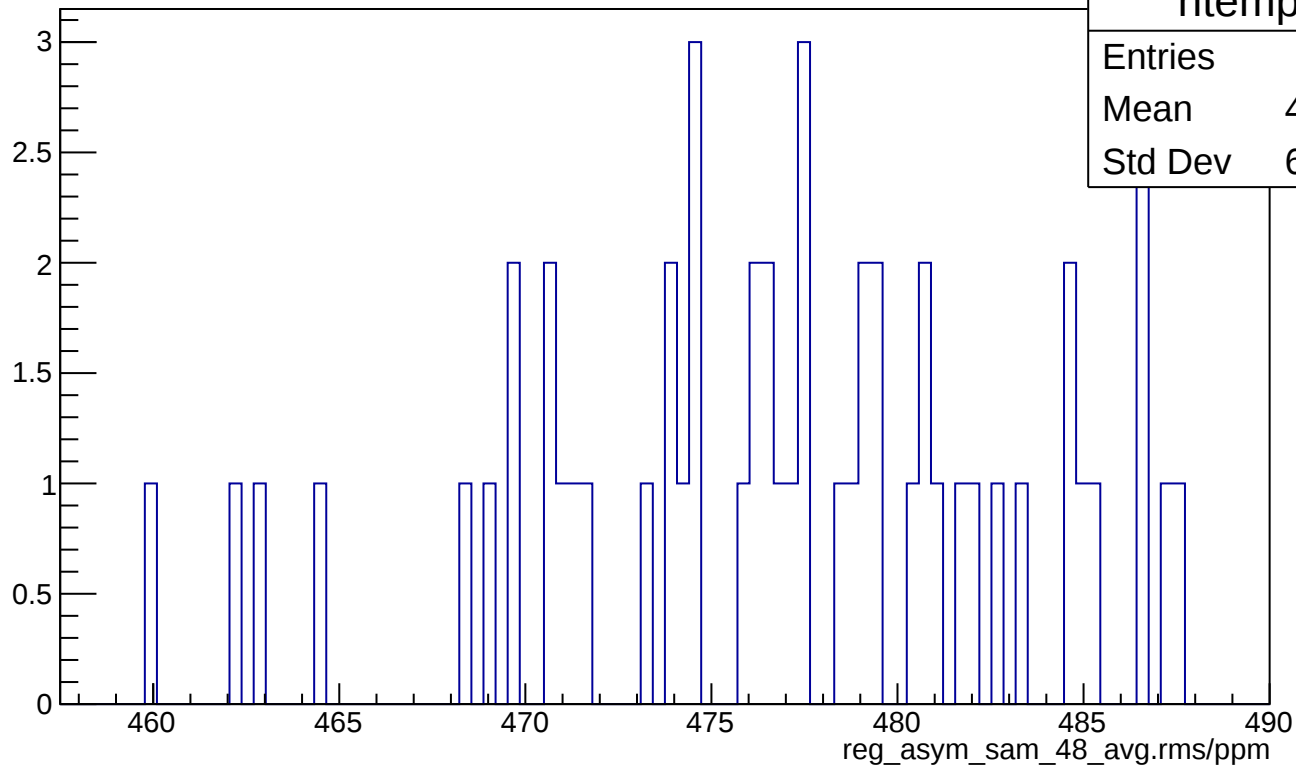
χ^2 / ndf
p0

58.8 / 52

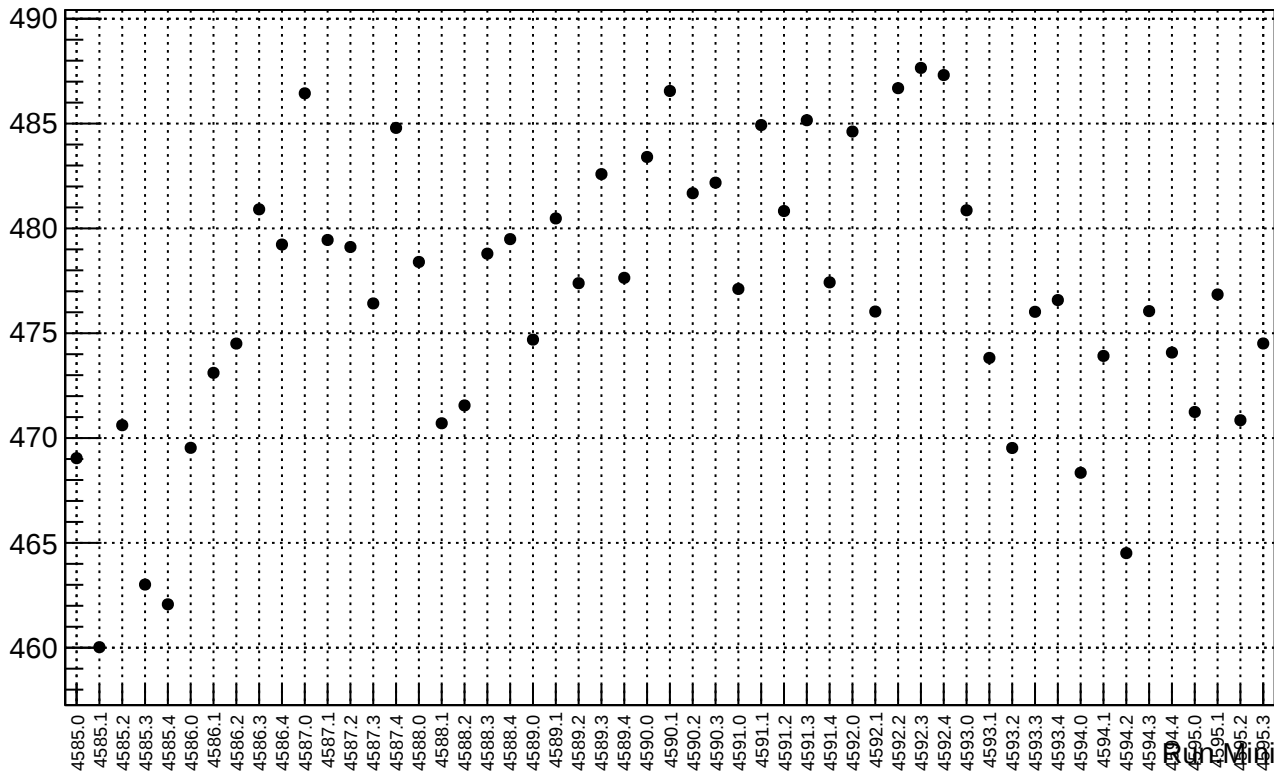
265.8 ± 658.6



reg_asym_sam_48_avg.rms/ppm



reg_asym_sam_48_avg.rms/ppm

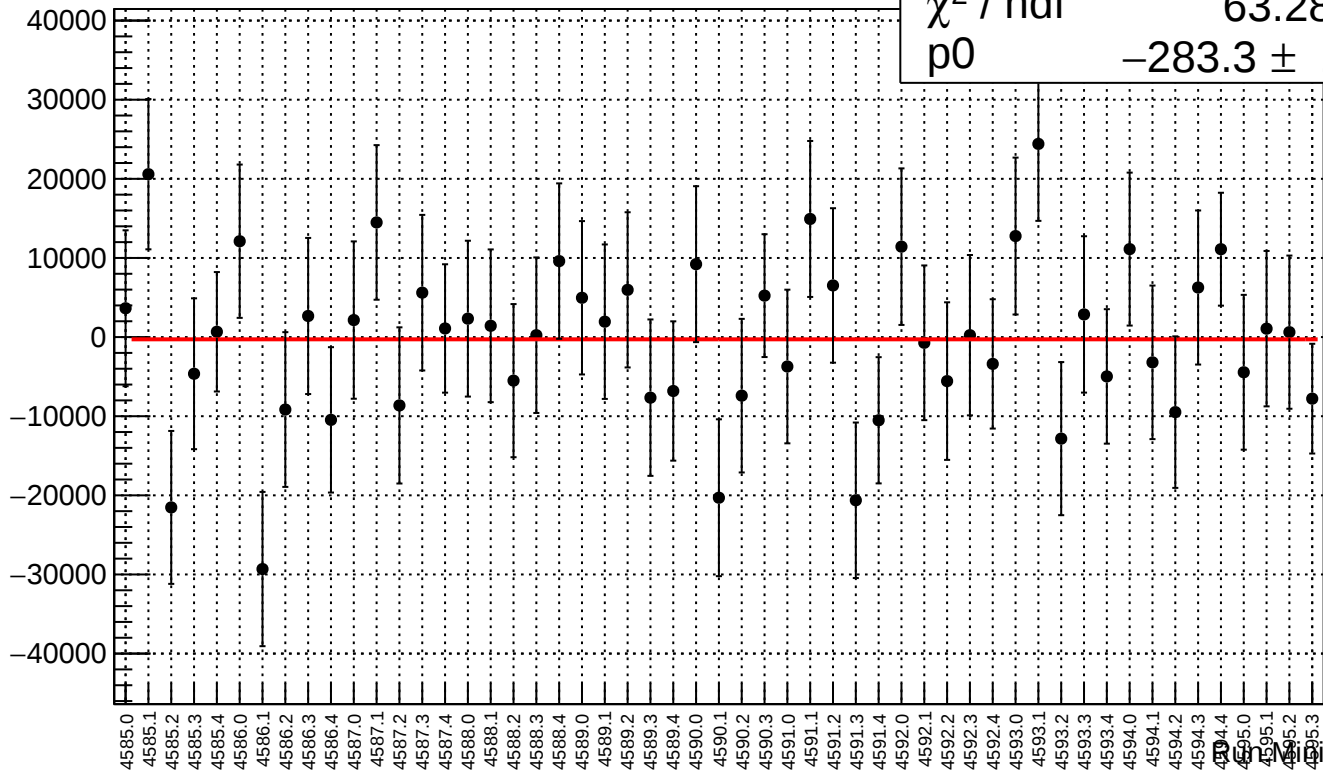


reg_asym_sam_48_dd.mean/ppb

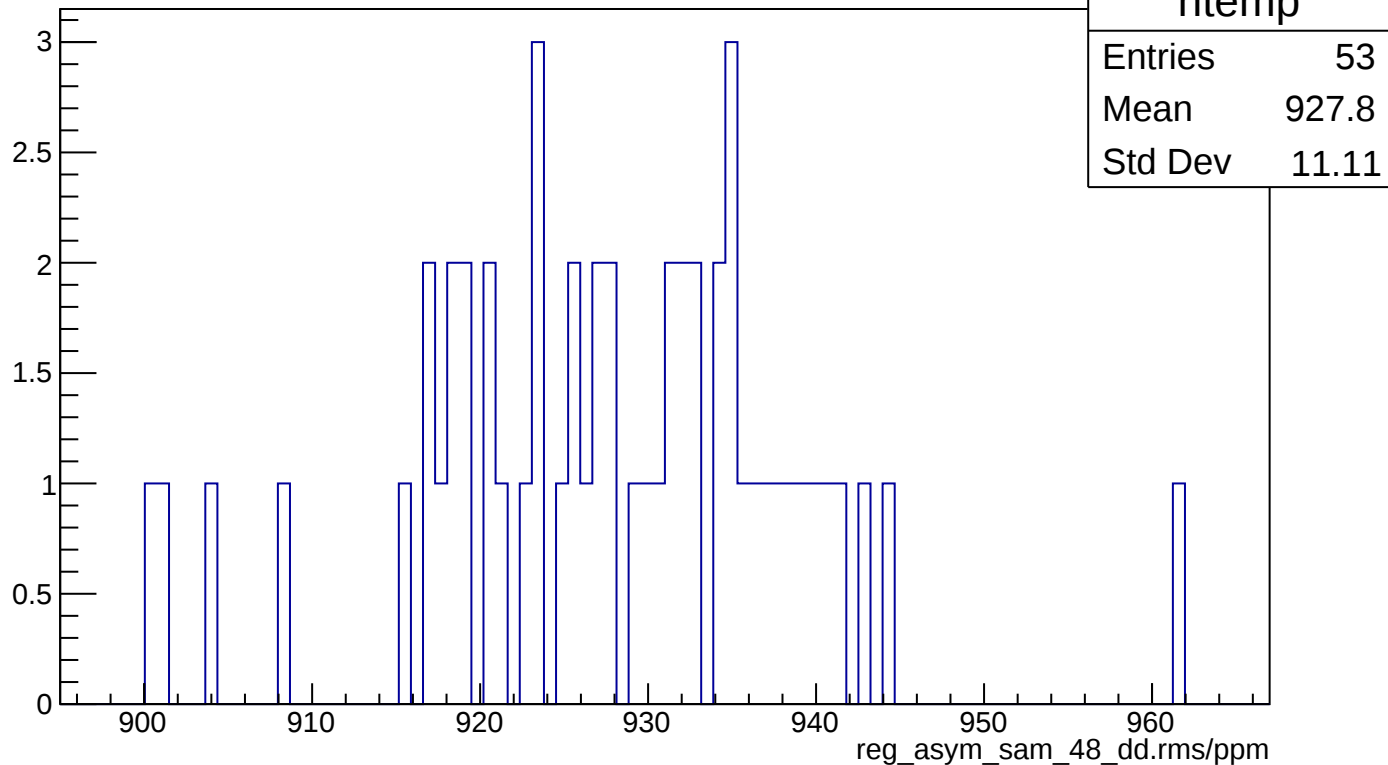
χ^2 / ndf
p0

63.28 / 52

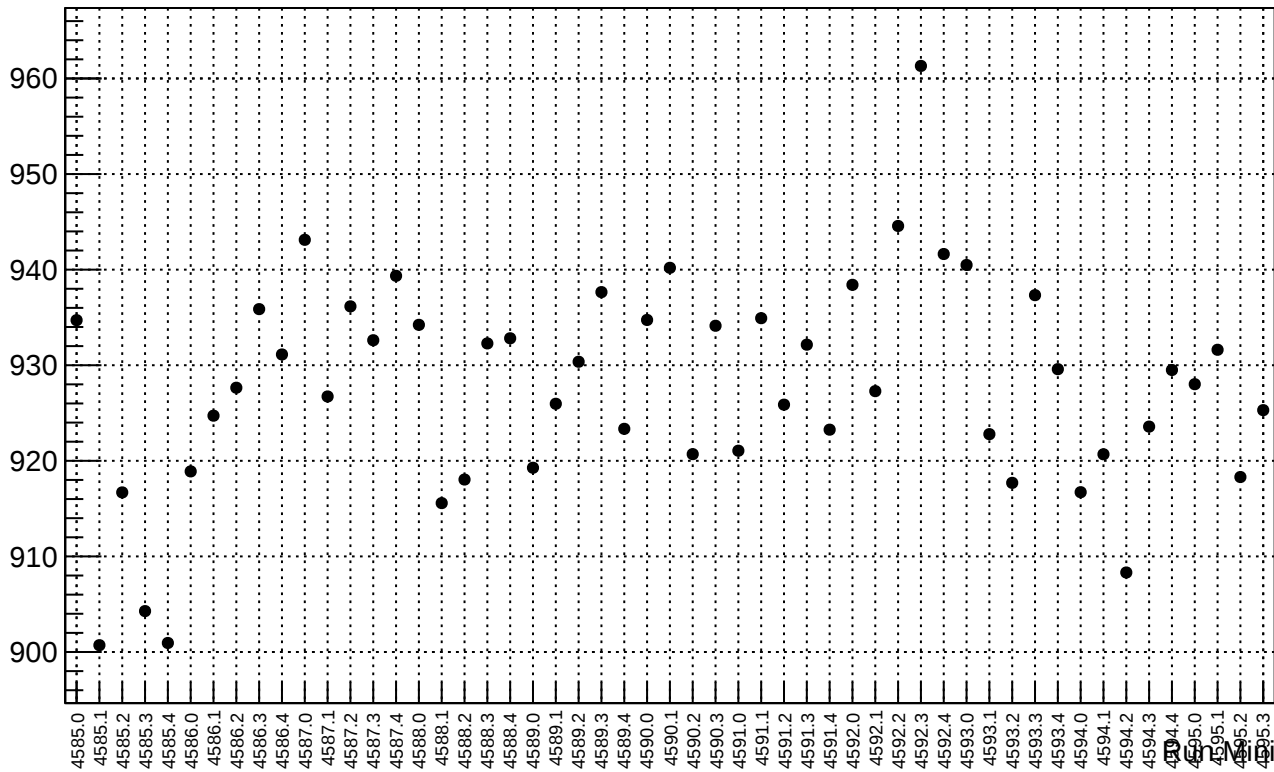
-283.3 ± 1282



reg_asym_sam_48_dd.rms/ppm



reg_asym_sam_48_dd.rms/ppm



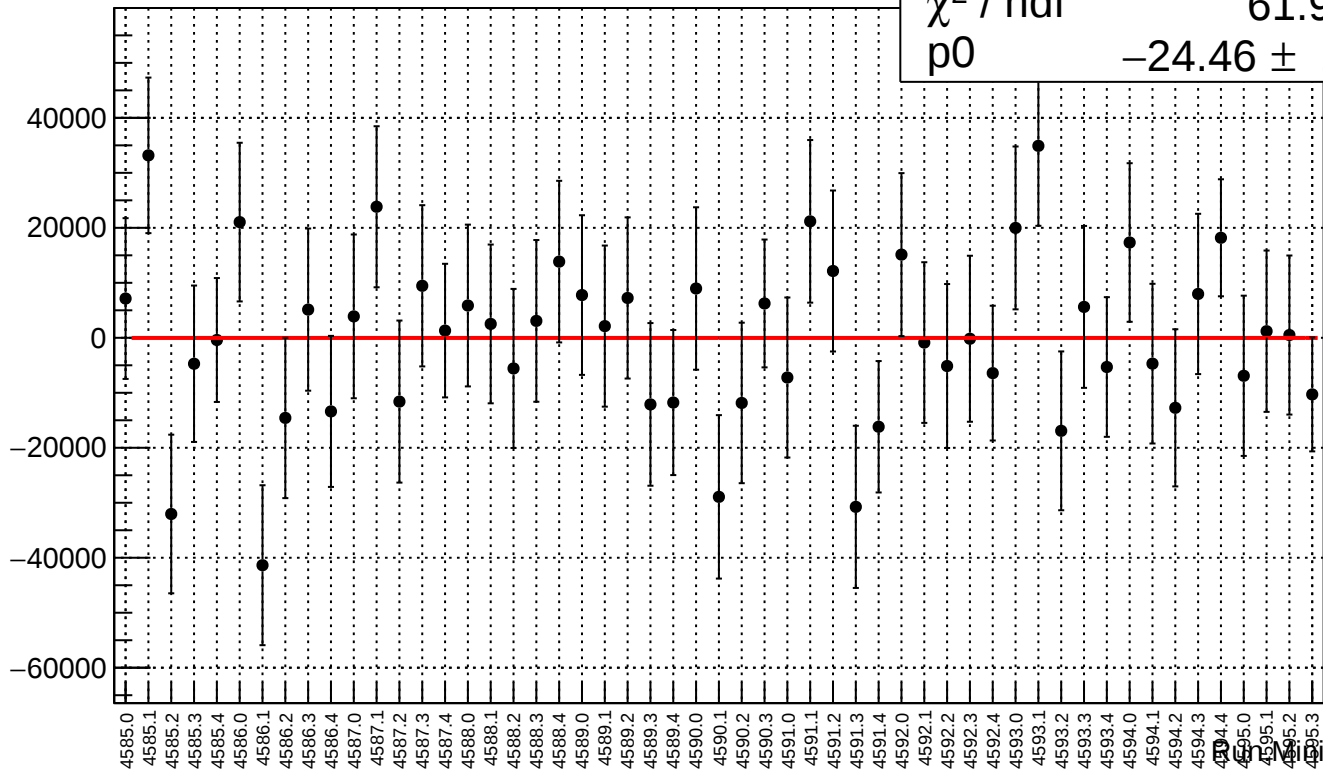
reg_asym_sam4.mean/ppb

χ^2 / ndf

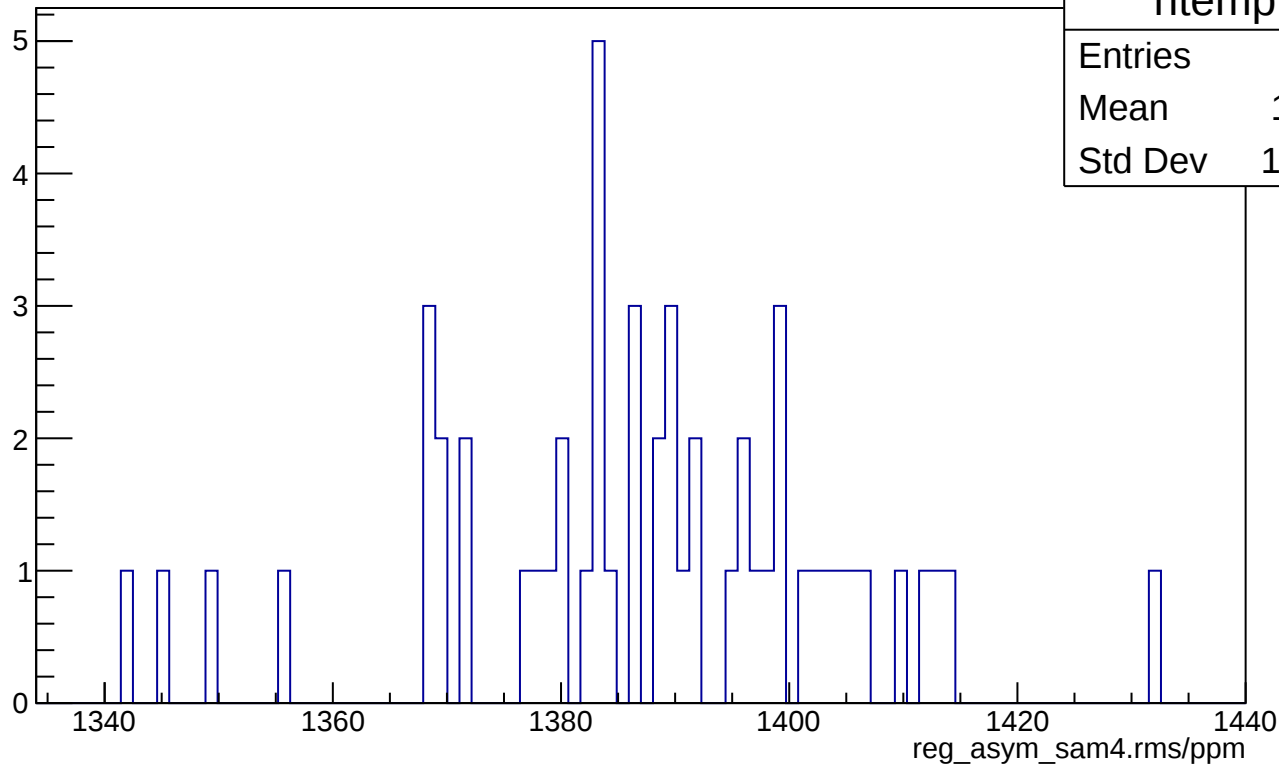
61.9 / 52

p0

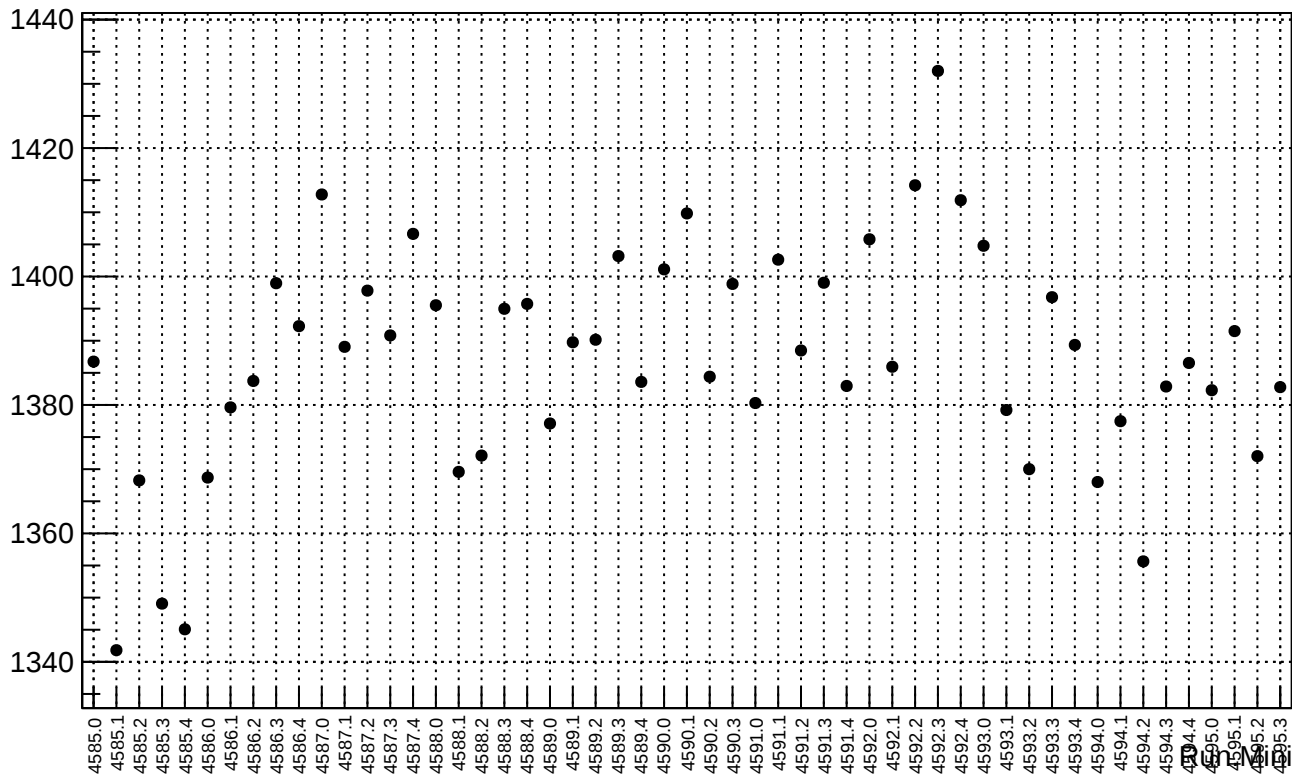
-24.46 ± 1916



reg_asym_sam4.rms/ppm



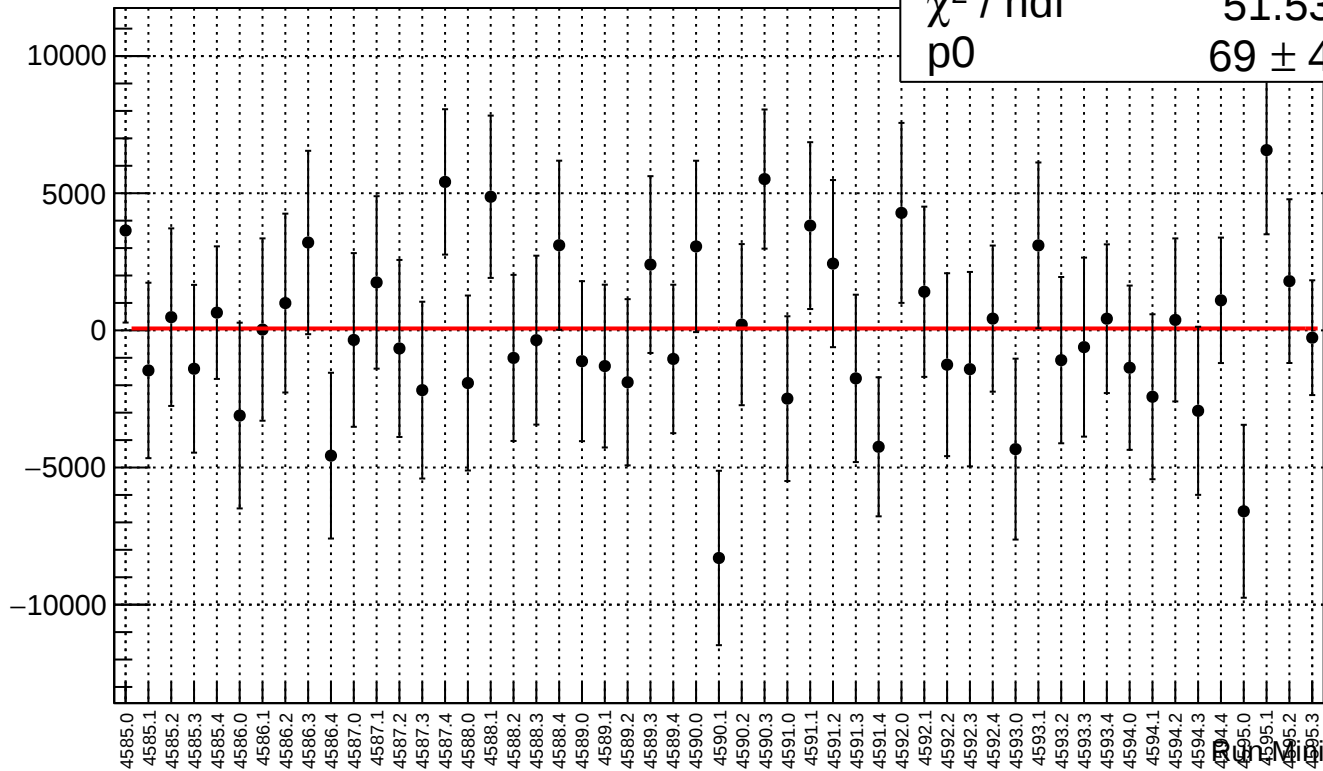
reg_asym_sam4.rms/ppm



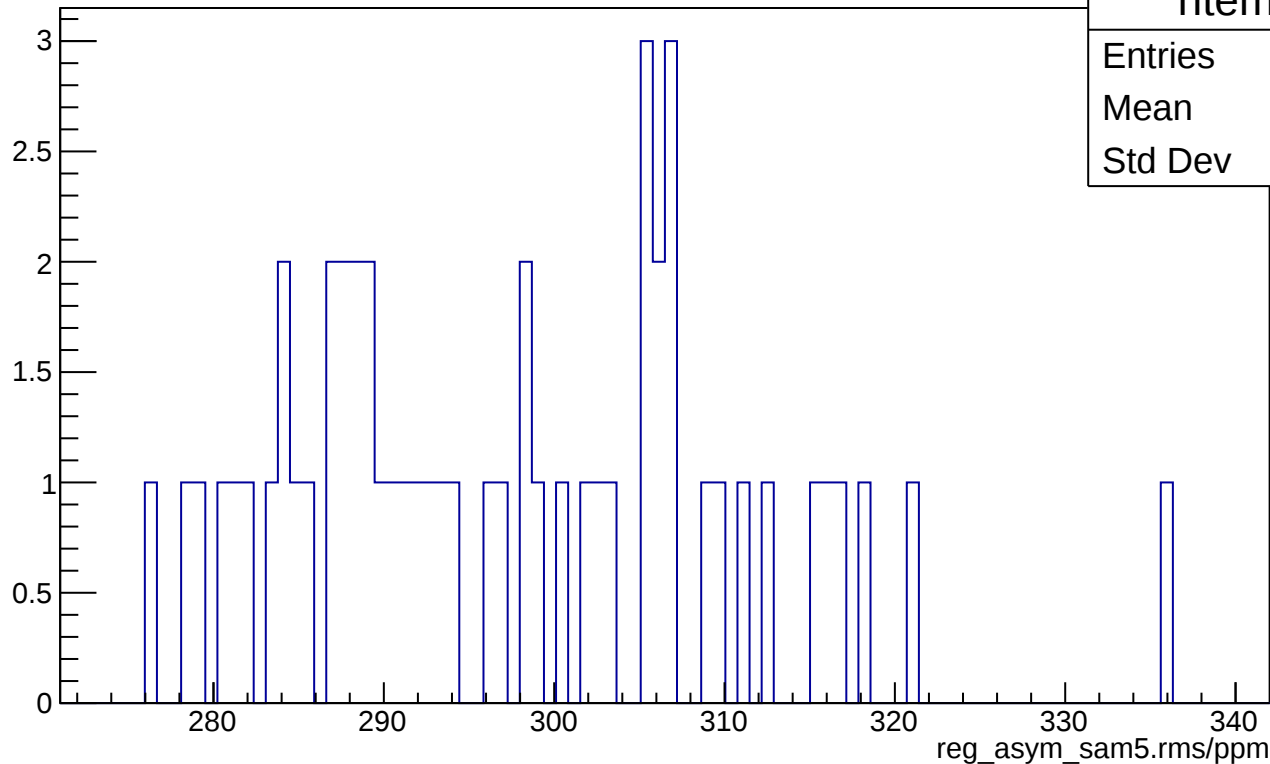
reg_asym_sam5.mean/ppb

χ^2 / ndf
p0

51.53 / 52
 69 ± 409.5



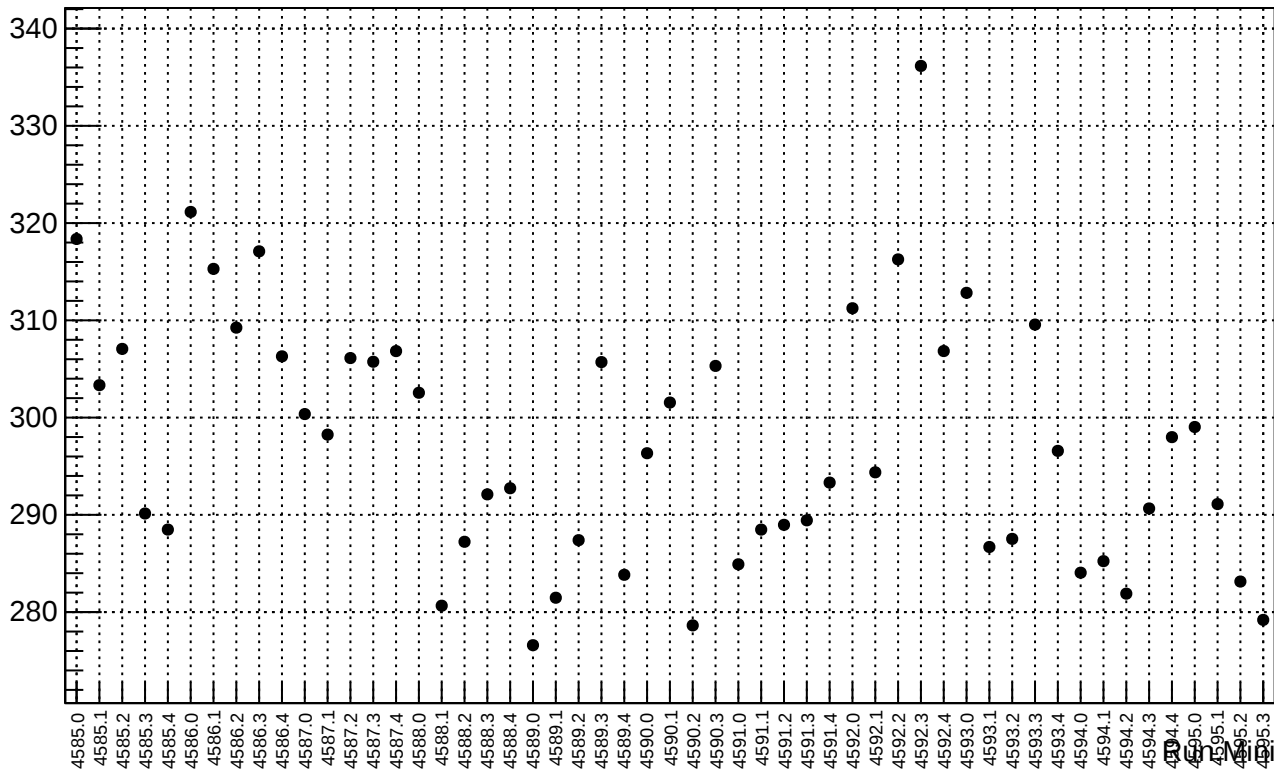
reg_asym_sam5.rms/ppm



htemp

Entries	53
Mean	297.4
Std Dev	12.81

reg_asym_sam5.rms/ppm

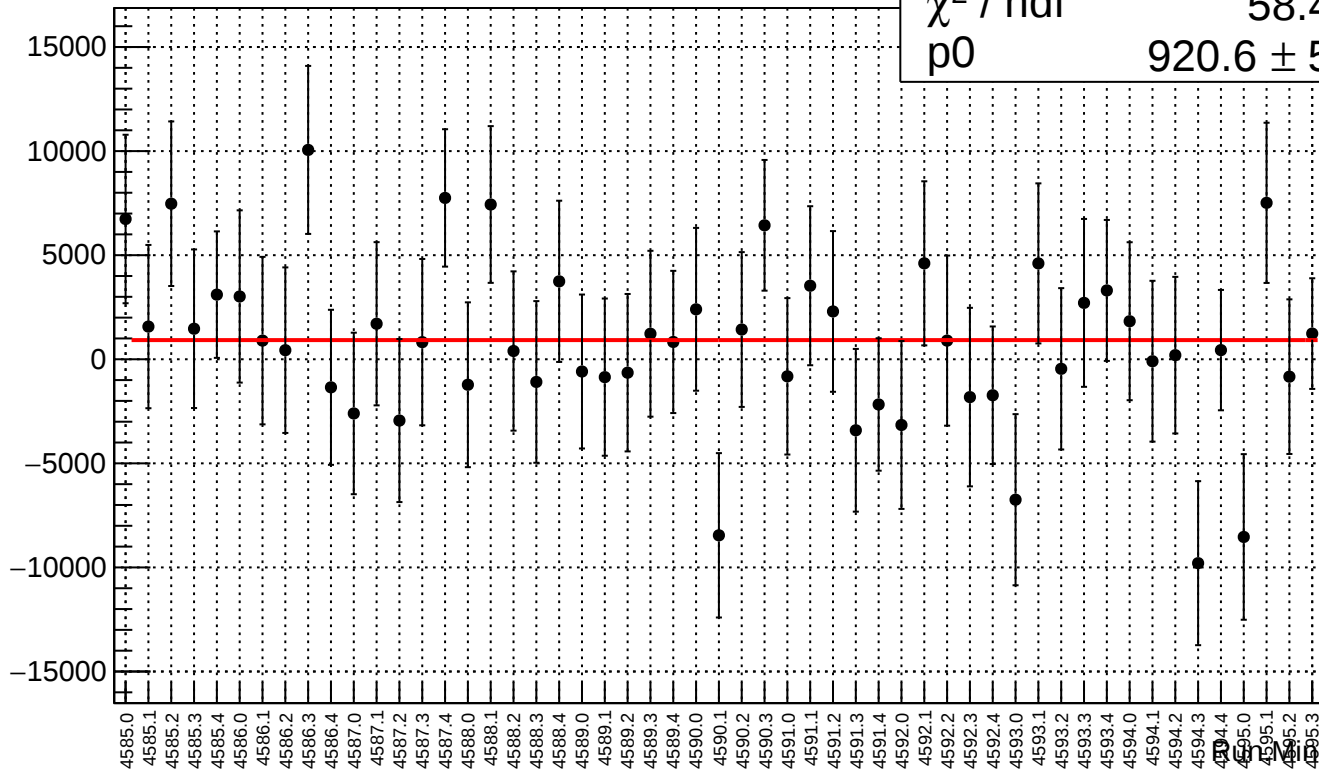


reg_asym_sam6.mean/ppb

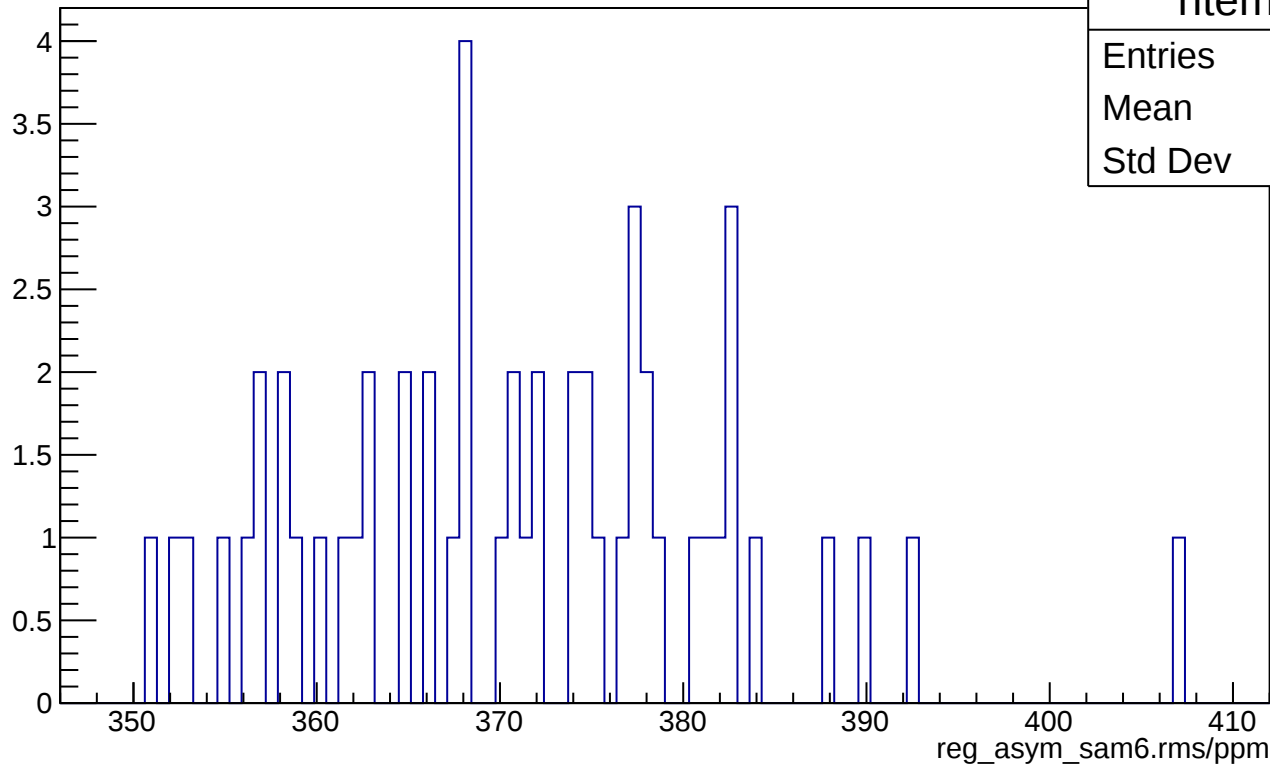
χ^2 / ndf
p0

58.4 / 52

920.6 ± 511.9



reg_asym_sam6.rms/ppm



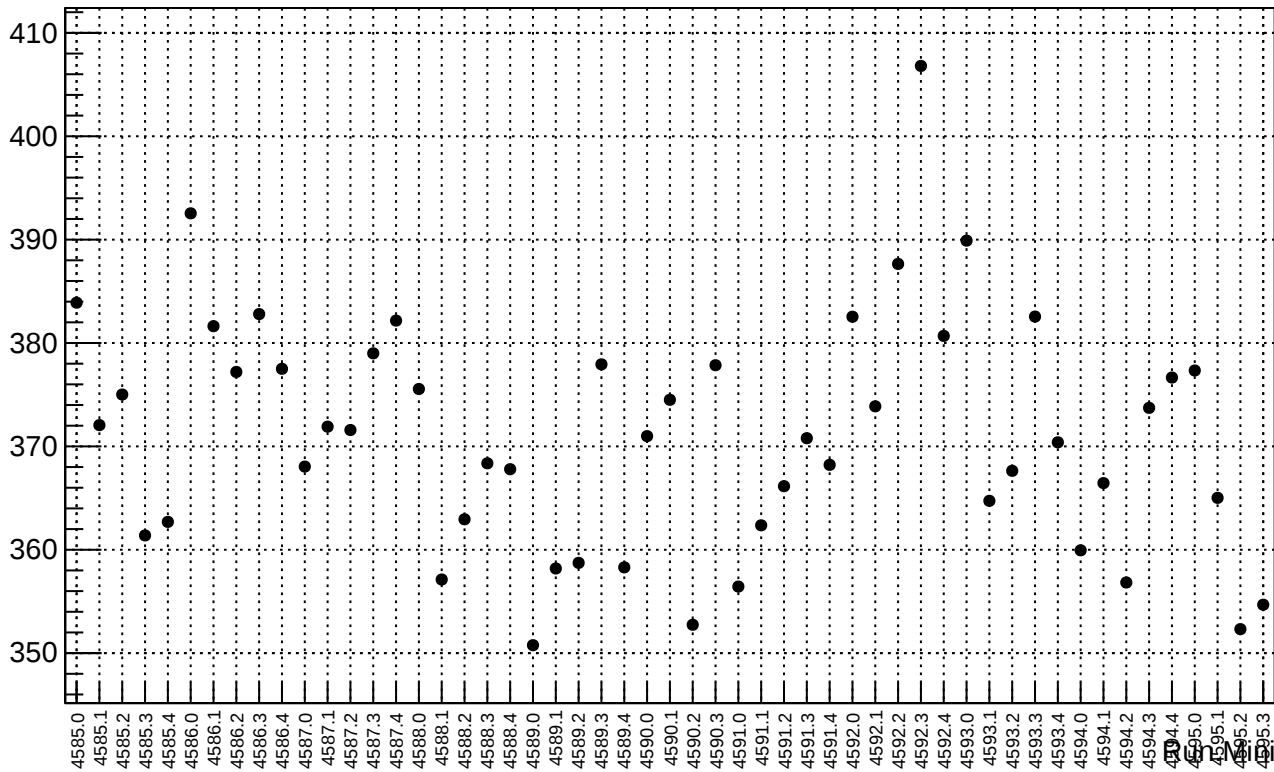
htemp

Entries 53

Mean 371

Std Dev 11.24

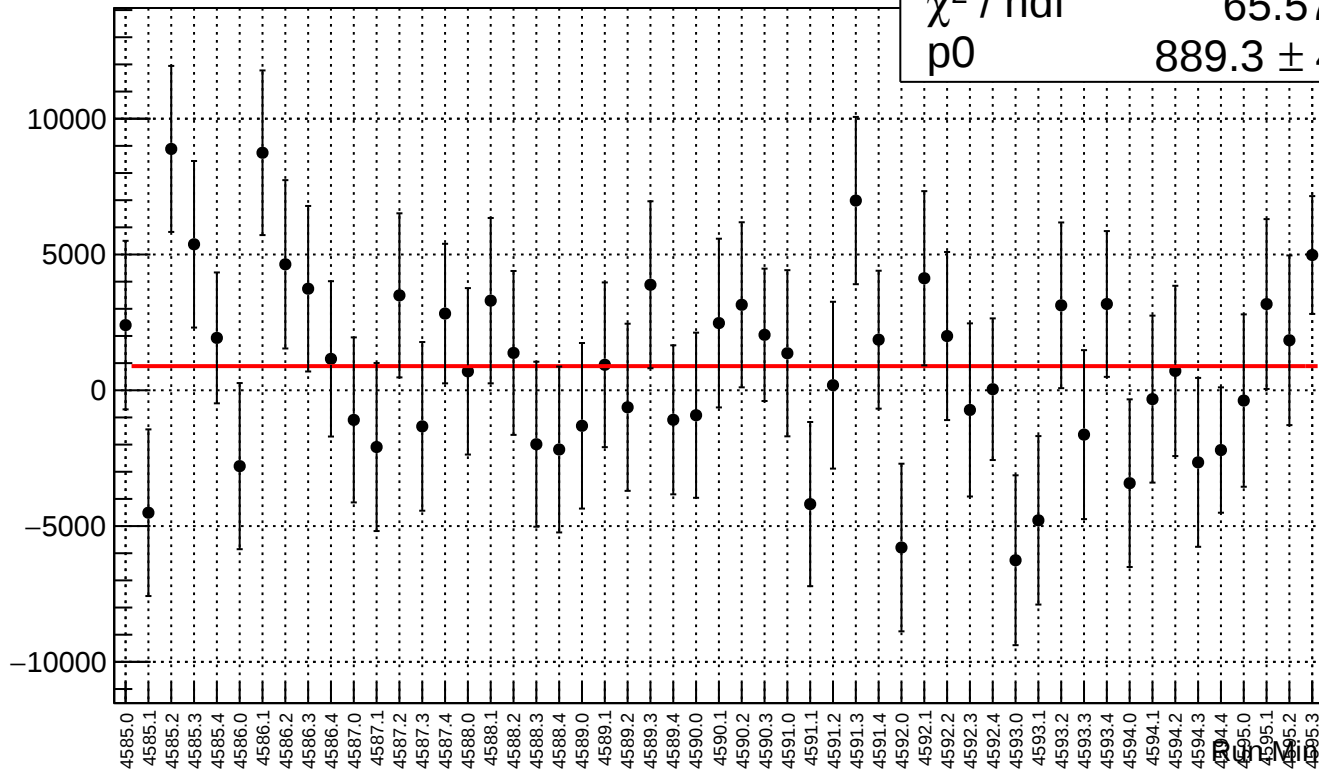
reg_asym_sam6.rms/ppm



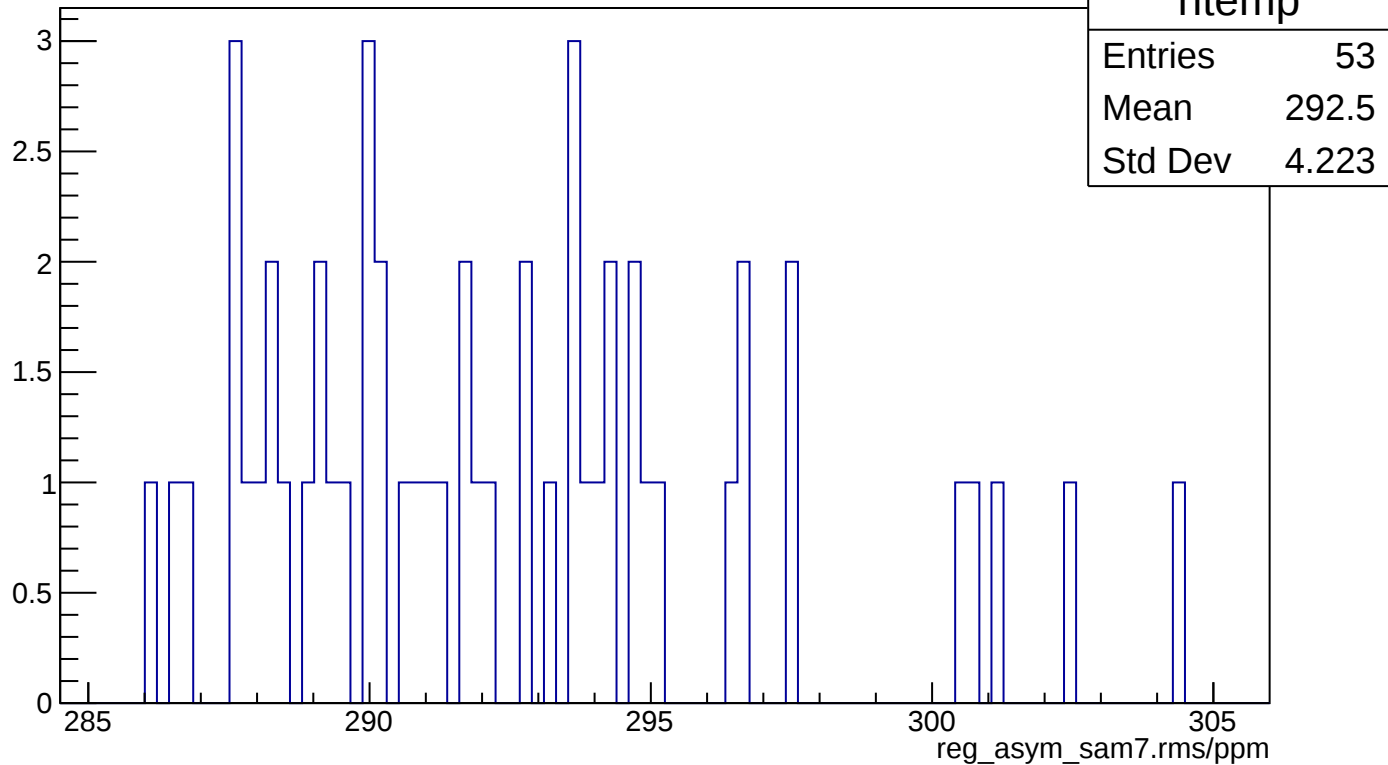
reg_asym_sam7.mean/ppb

χ^2 / ndf
p0

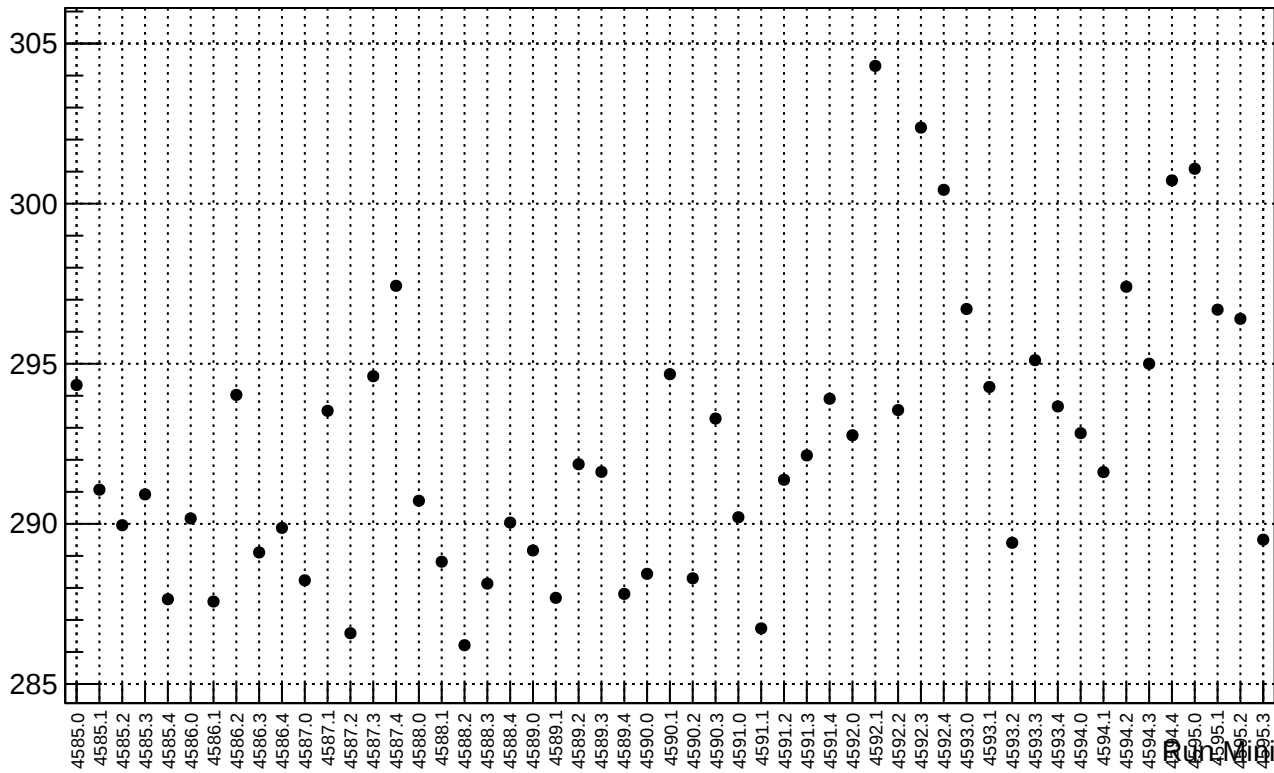
65.57 / 52
 889.3 ± 404.1



reg_asym_sam7.rms/ppm



reg_asym_sam7.rms/ppm

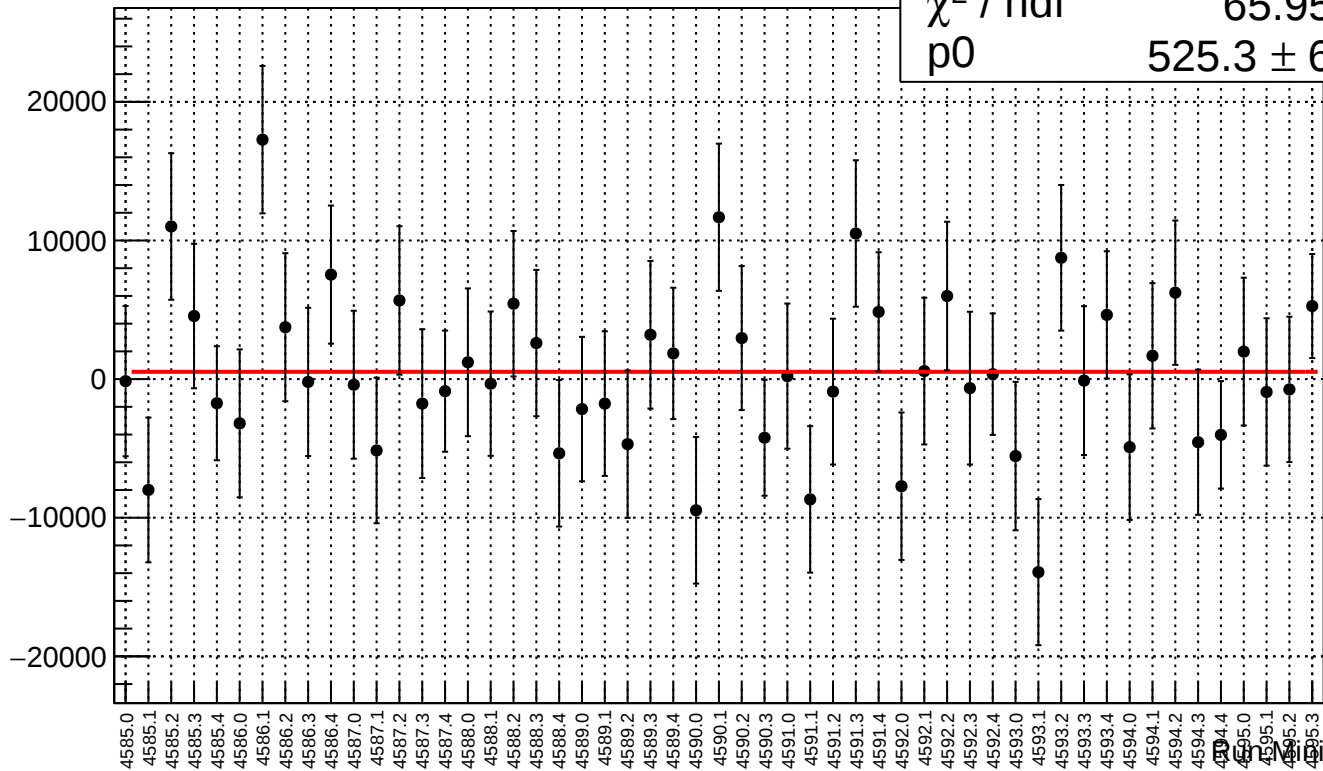


reg_asym_sam8.mean/ppb

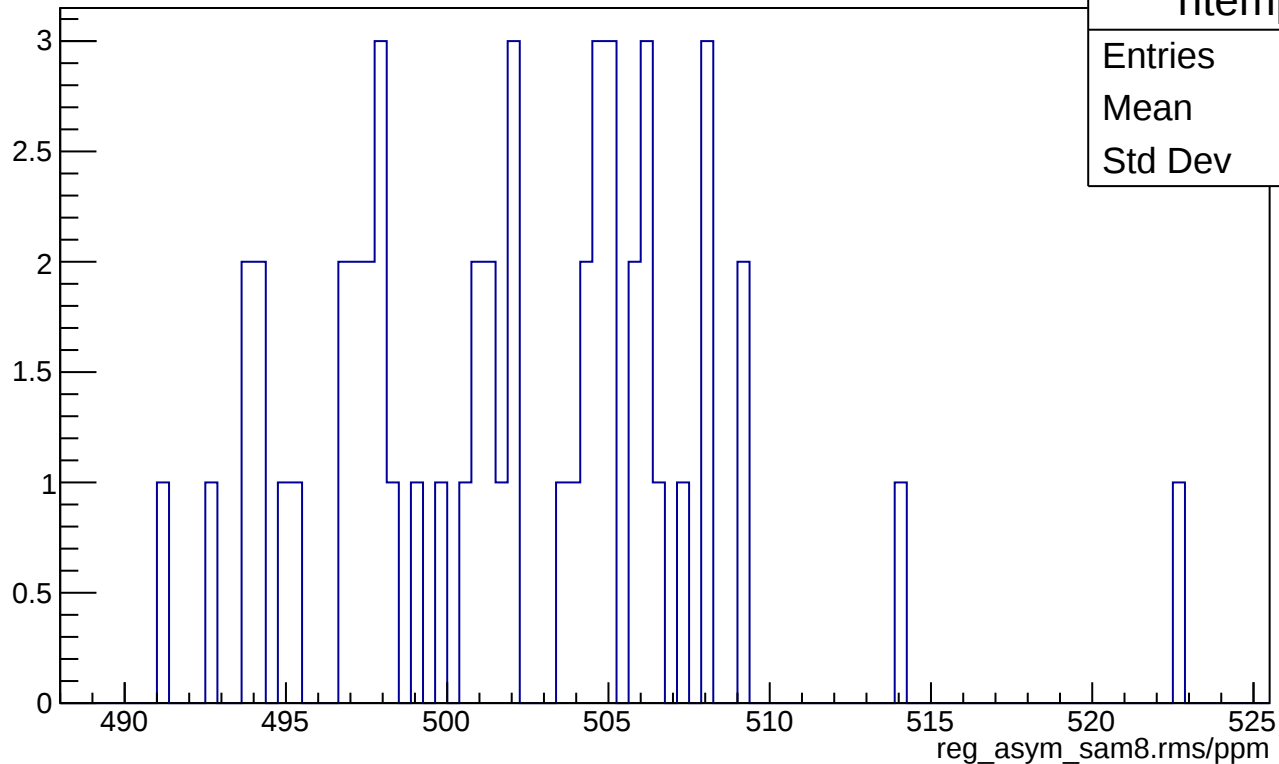
χ^2 / ndf
p0

65.95 / 52

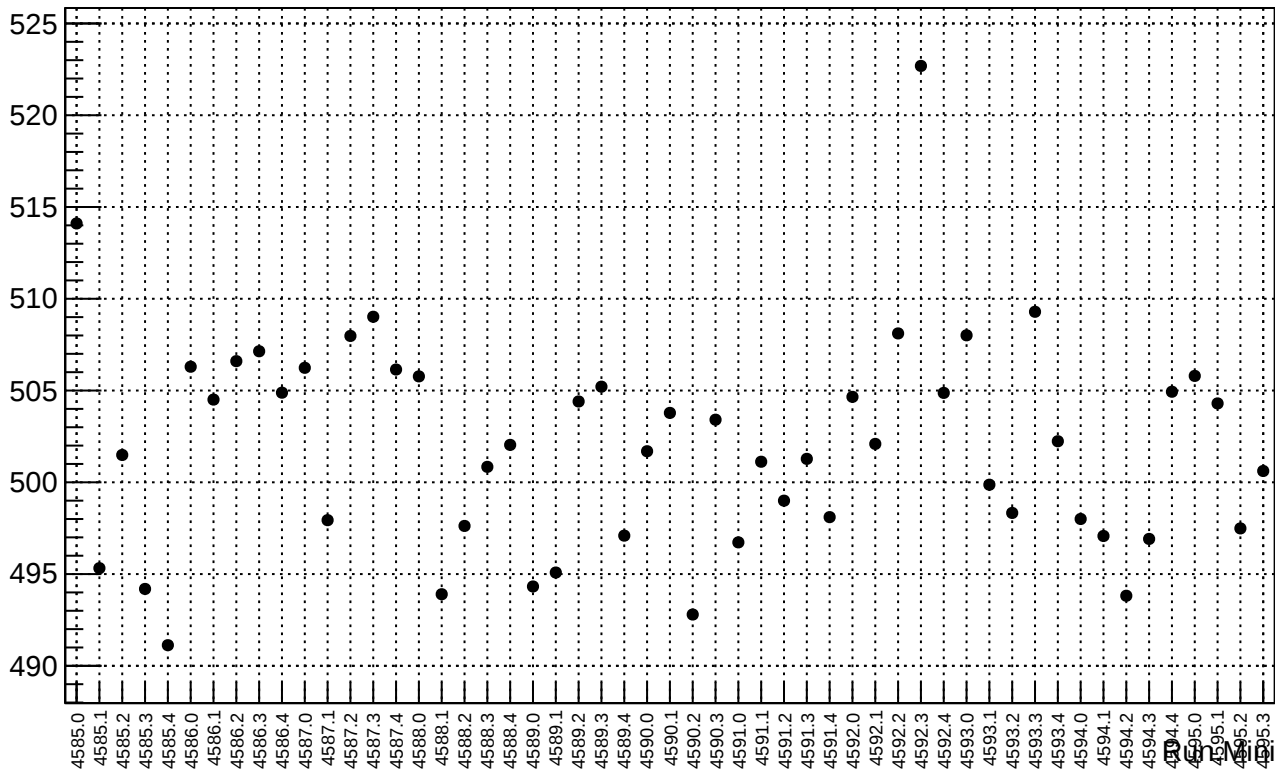
525.3 ± 693.4



reg_asym_sam8.rms/ppm



reg_asym_sam8.rms/ppm



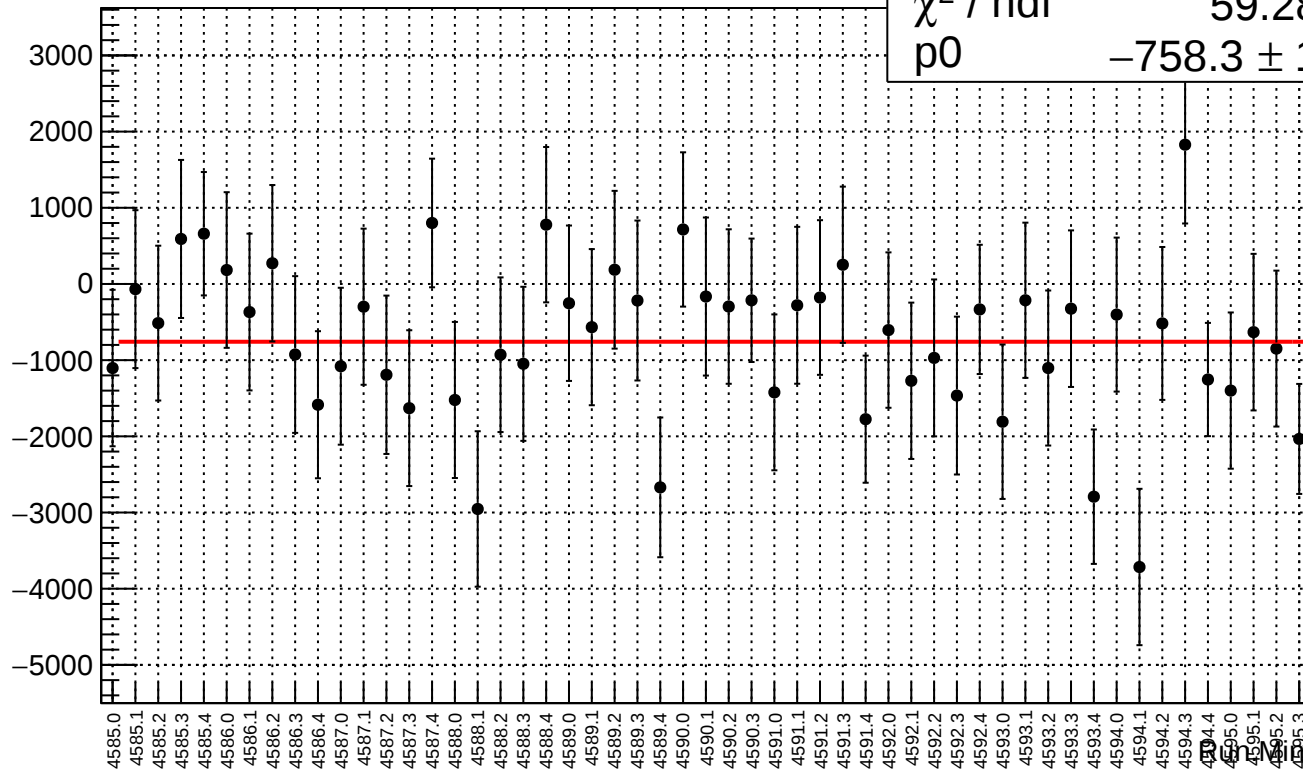
reg_asym_us_avg.mean/ppb

χ^2 / ndf

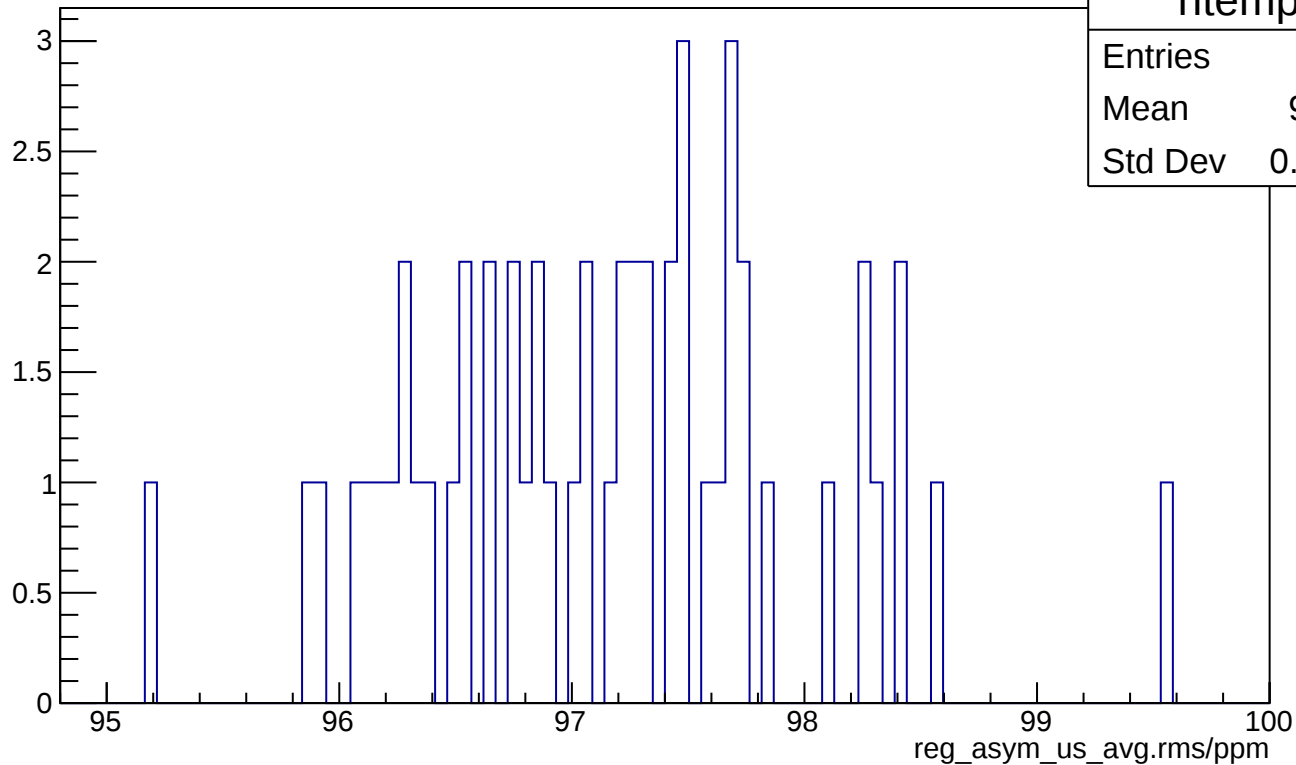
59.28 / 52

p0

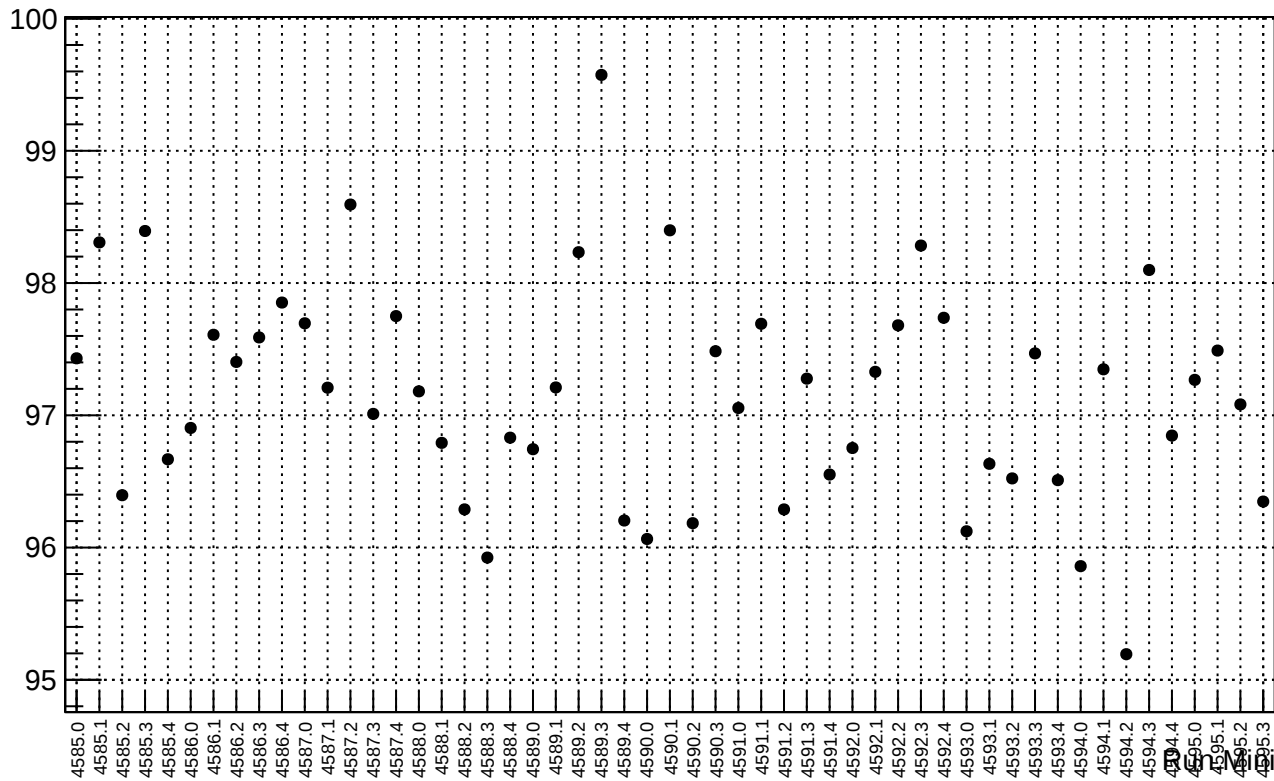
-758.3 ± 134.2



reg_asym_us_avg.rms/ppm



reg_asym_us_avg.rms/ppm

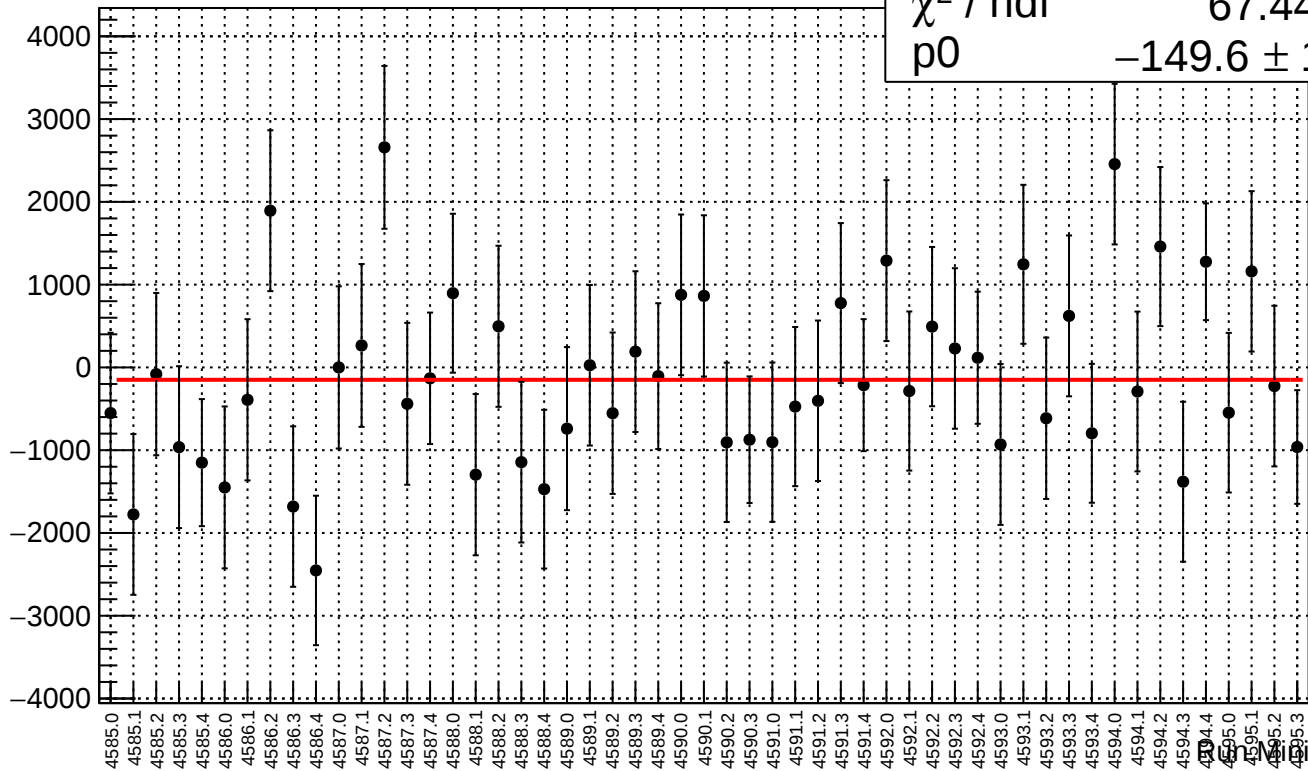


reg_asym_us_dd.mean/ppb

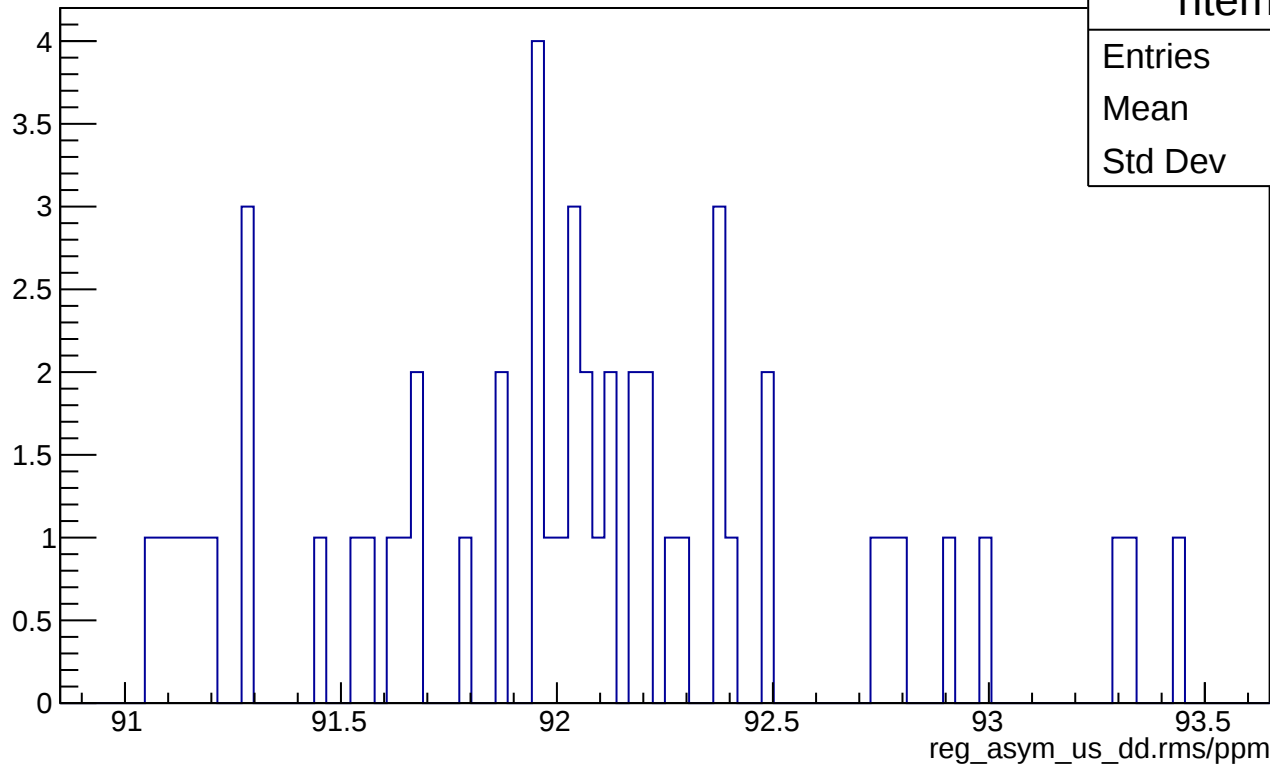
χ^2 / ndf
p0

67.44 / 52

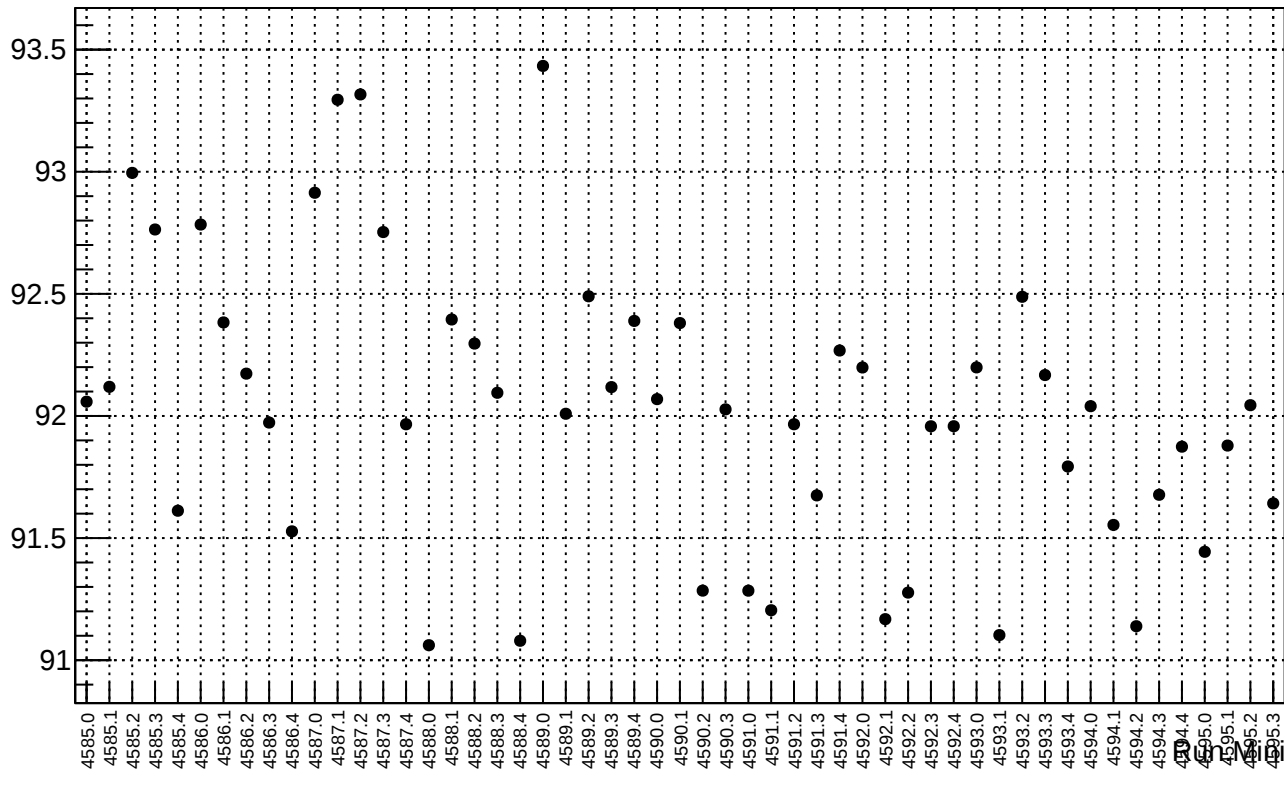
-149.6 ± 127.1



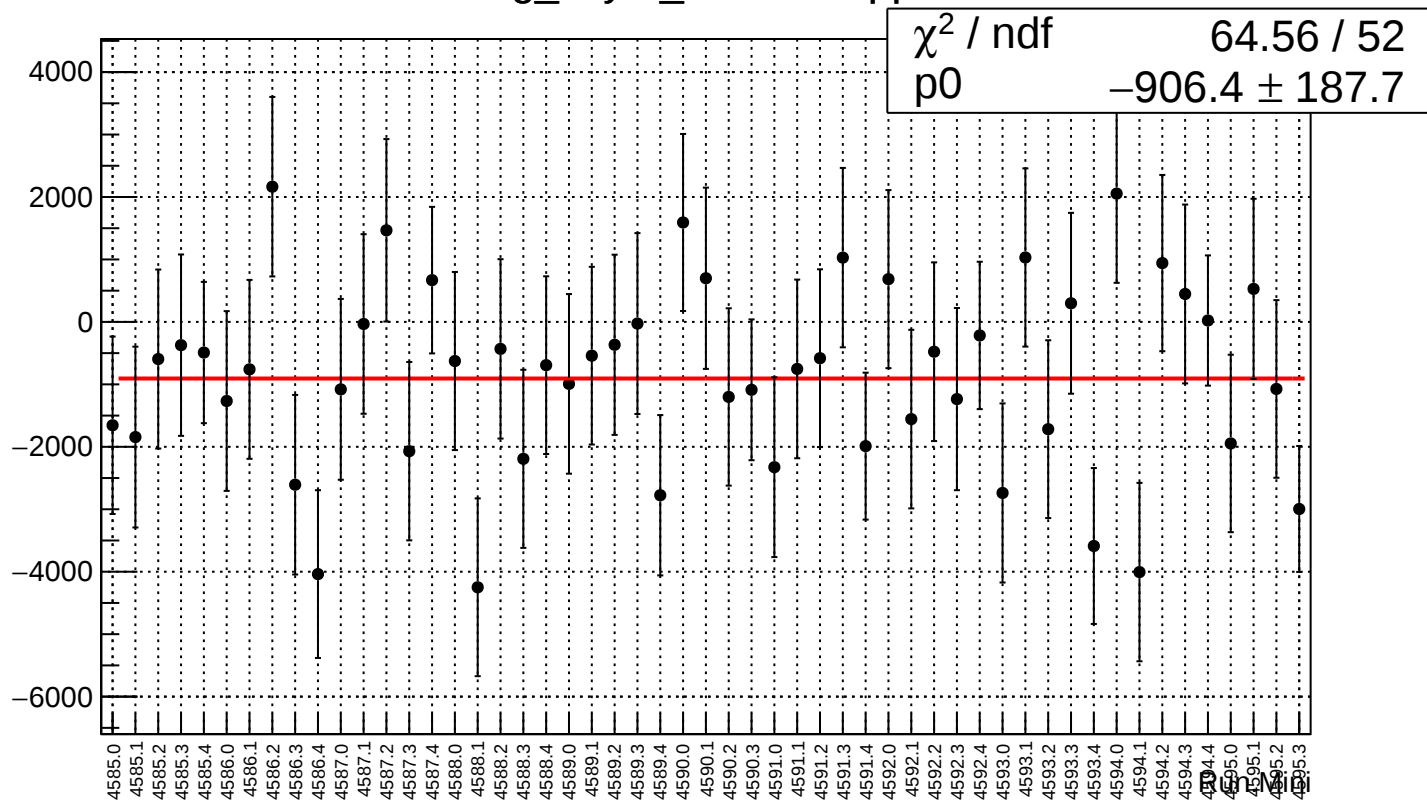
reg_asym_us_dd.rms/ppm



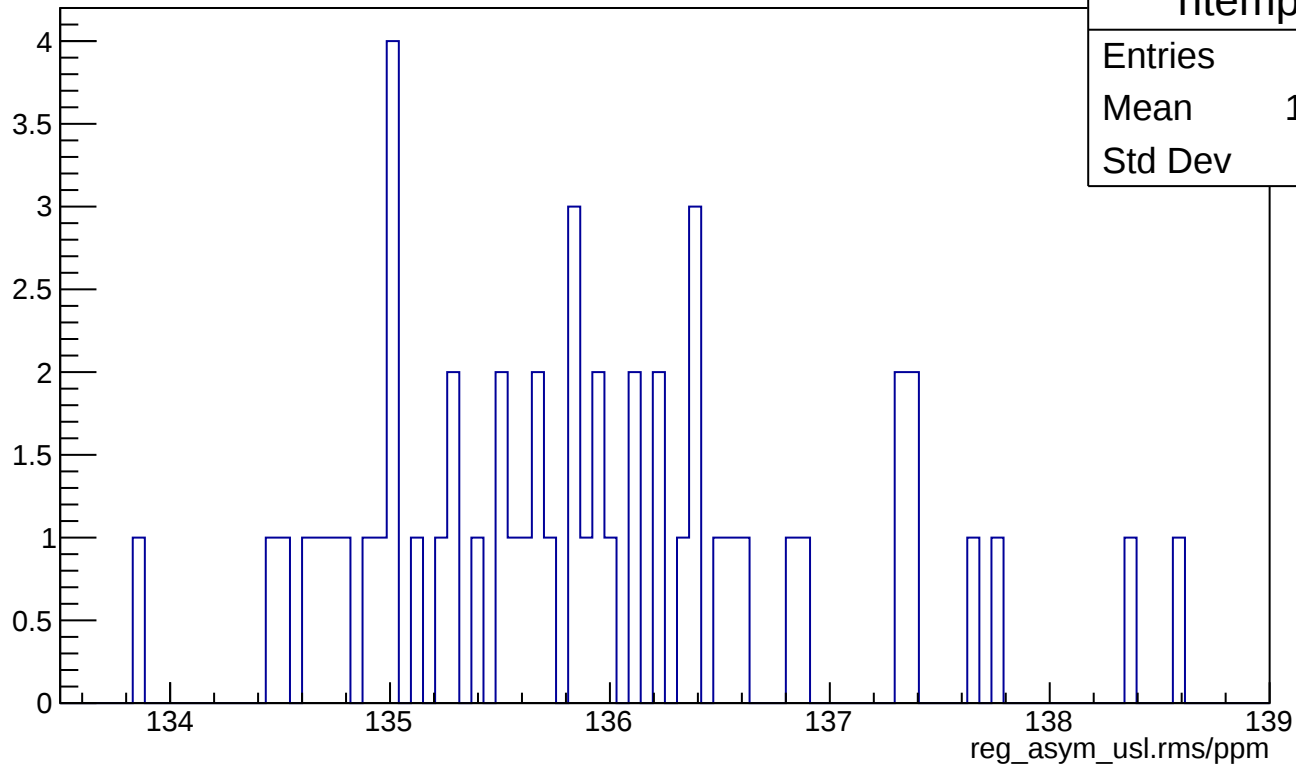
reg_asym_us_dd.rms/ppm



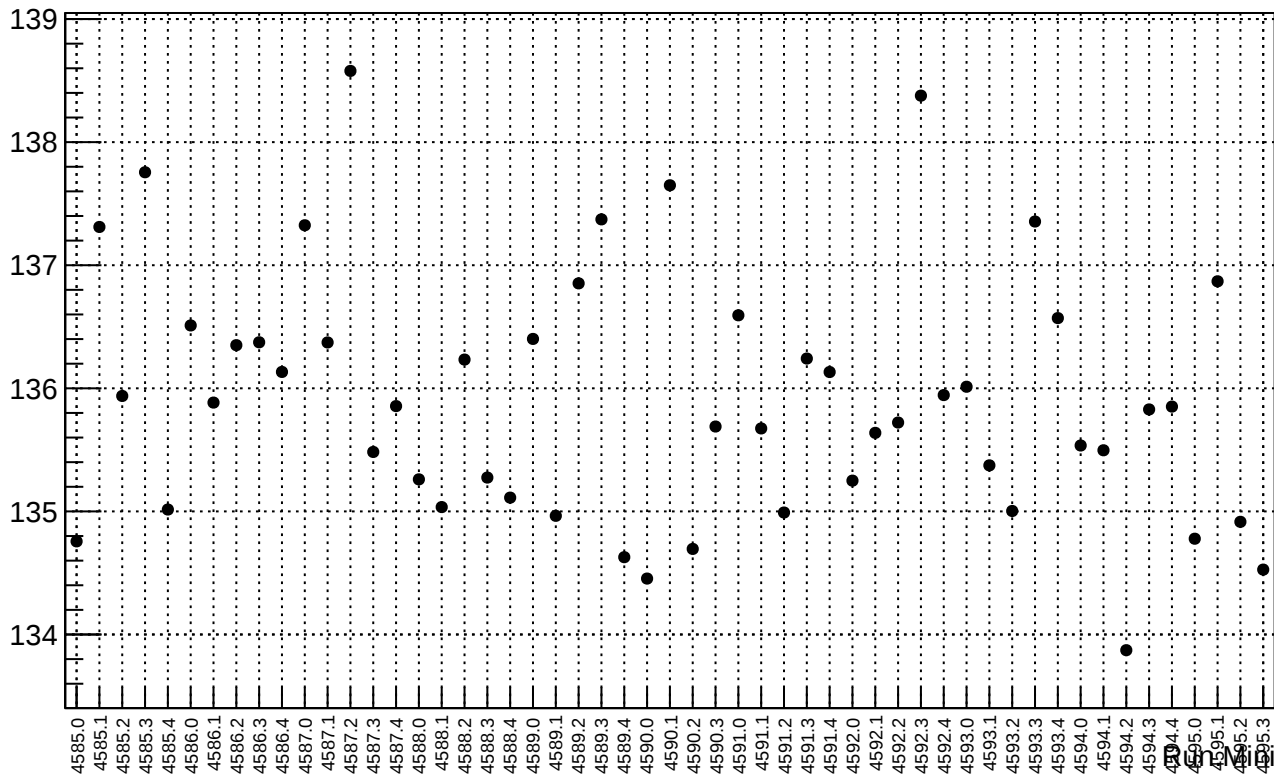
reg_asym_usl.mean/ppb



reg_asym_usl.rms/ppm



reg_asym_usl.rms/ppm



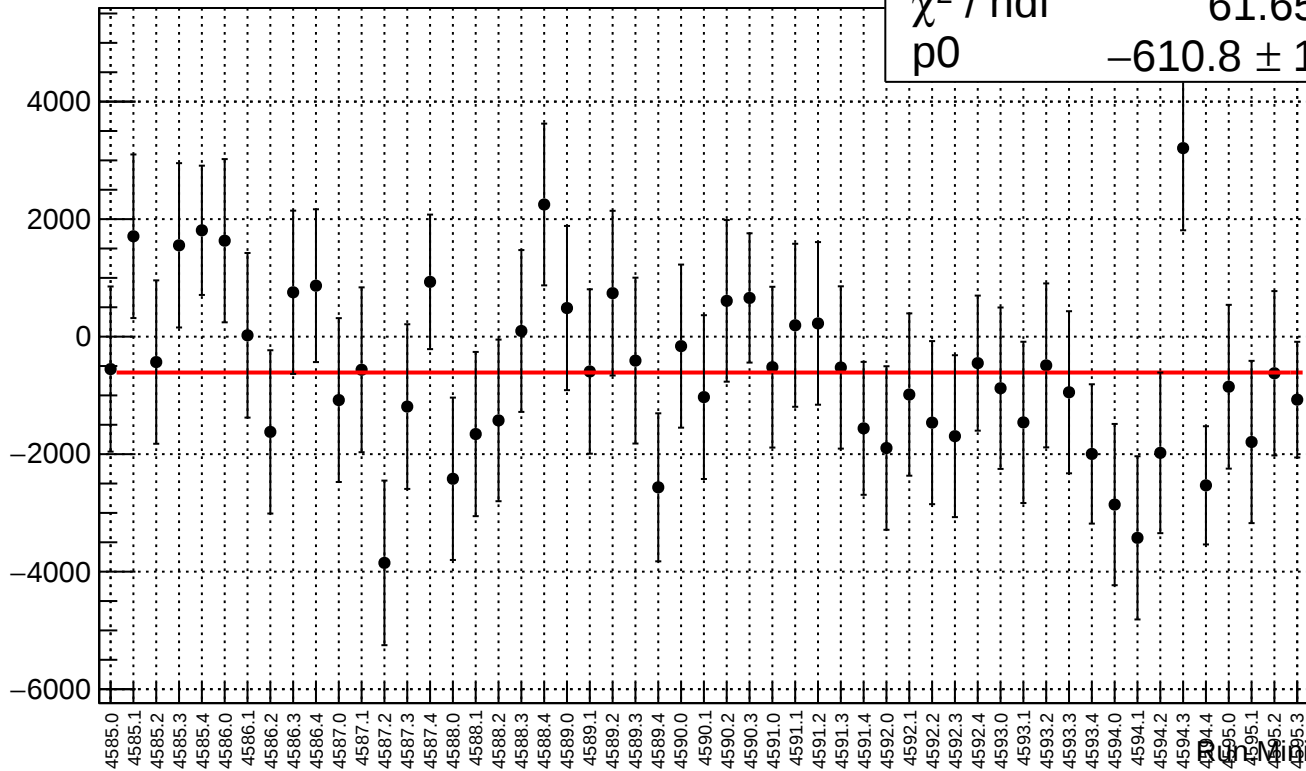
reg_asym_usr.mean/ppb

χ^2 / ndf

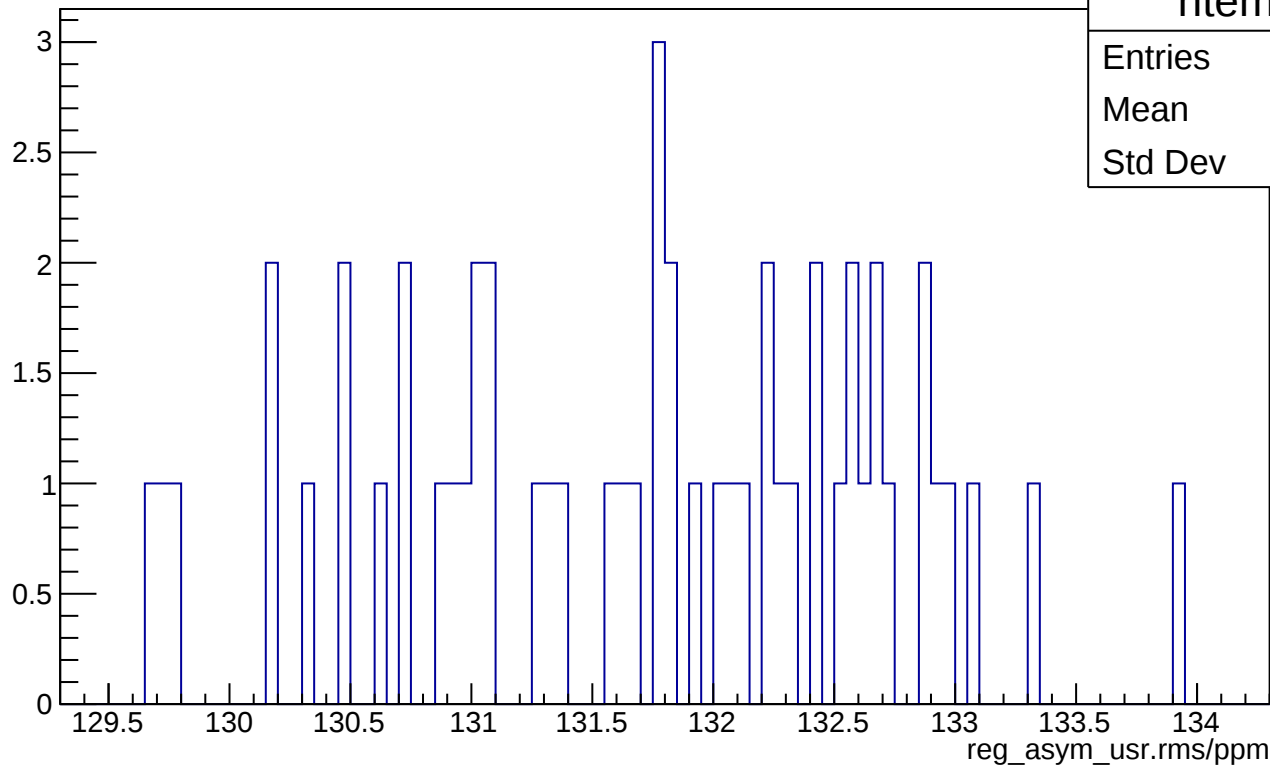
61.65 / 52

p0

-610.8 ± 181.9



reg_asym_usr.rms/ppm



reg_asym_usr.rms/ppm

