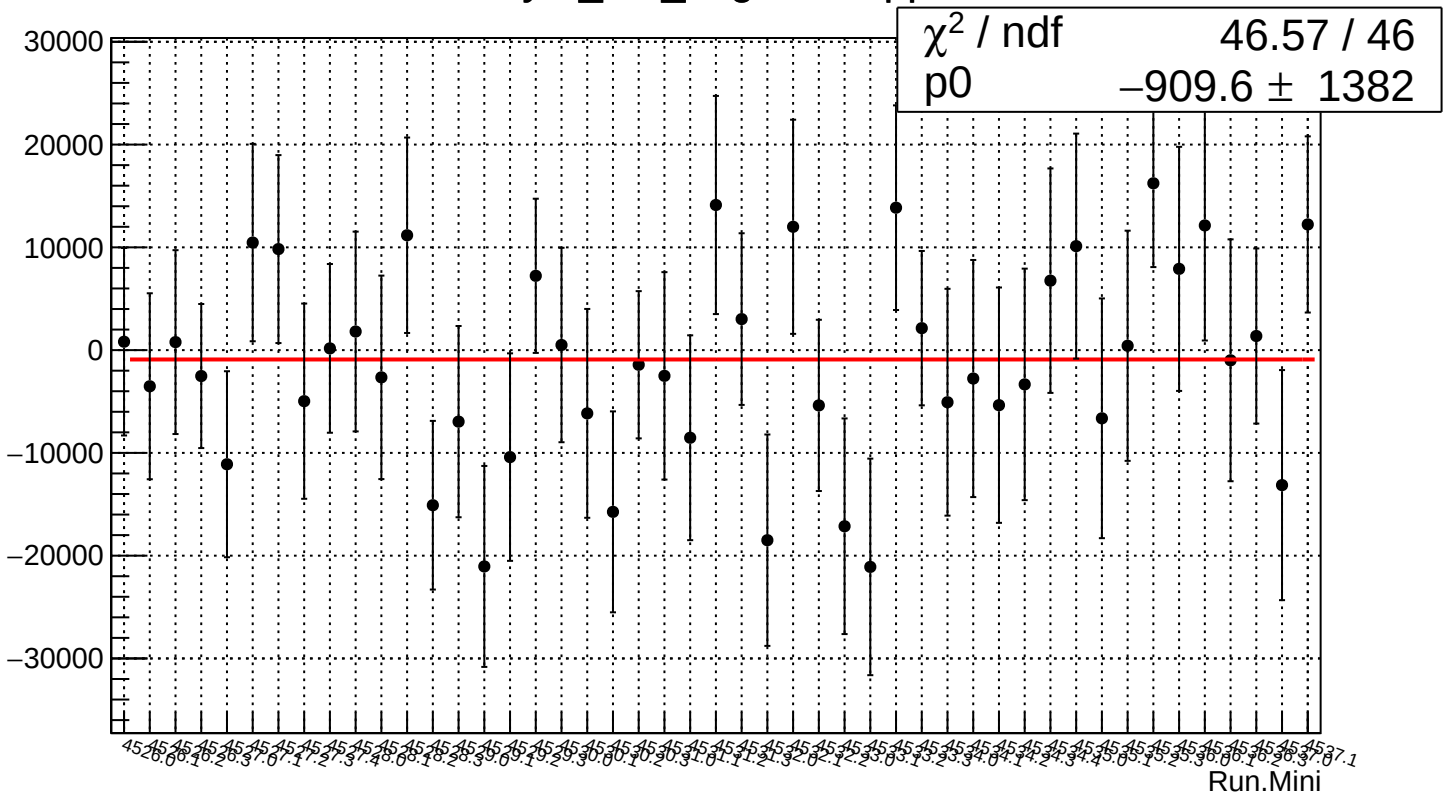
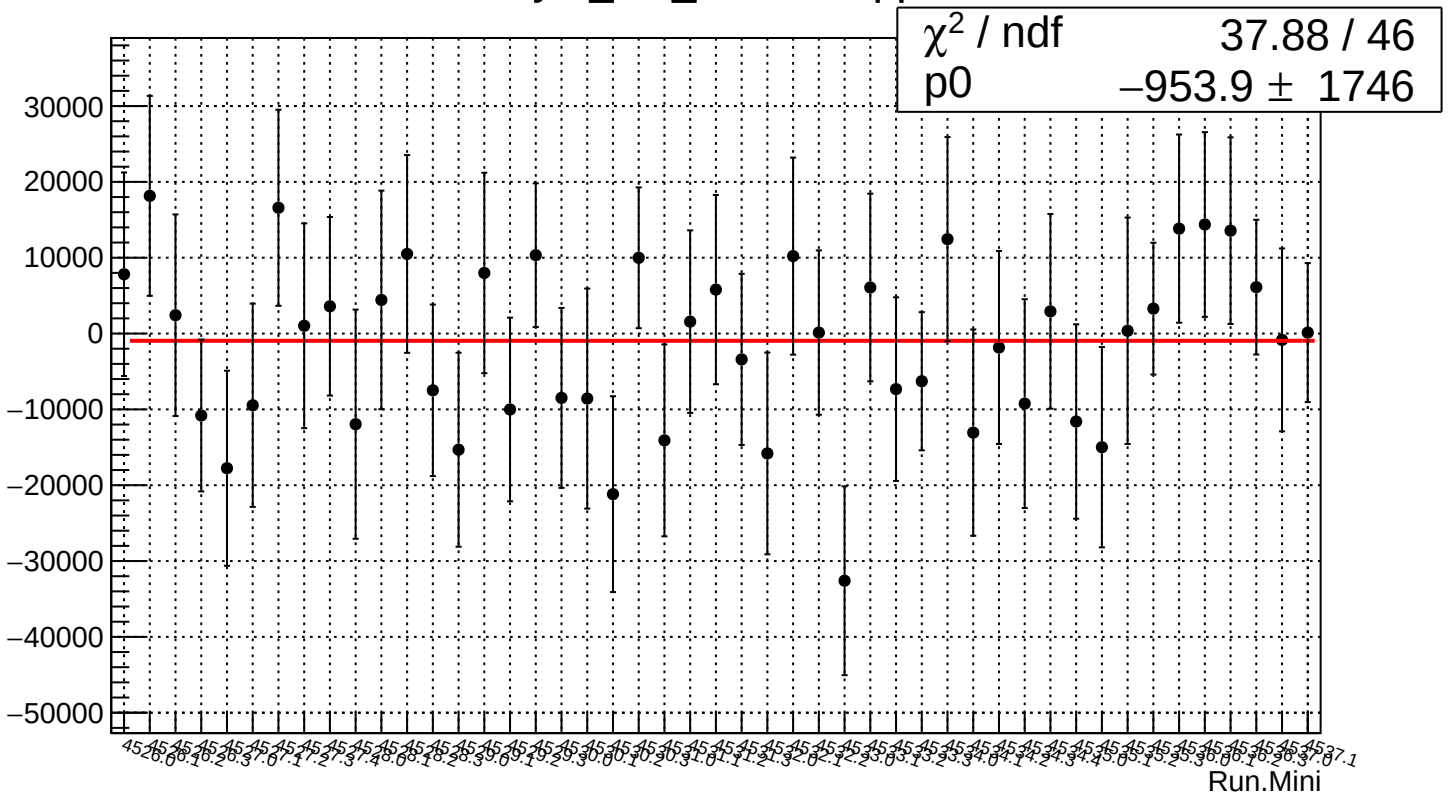
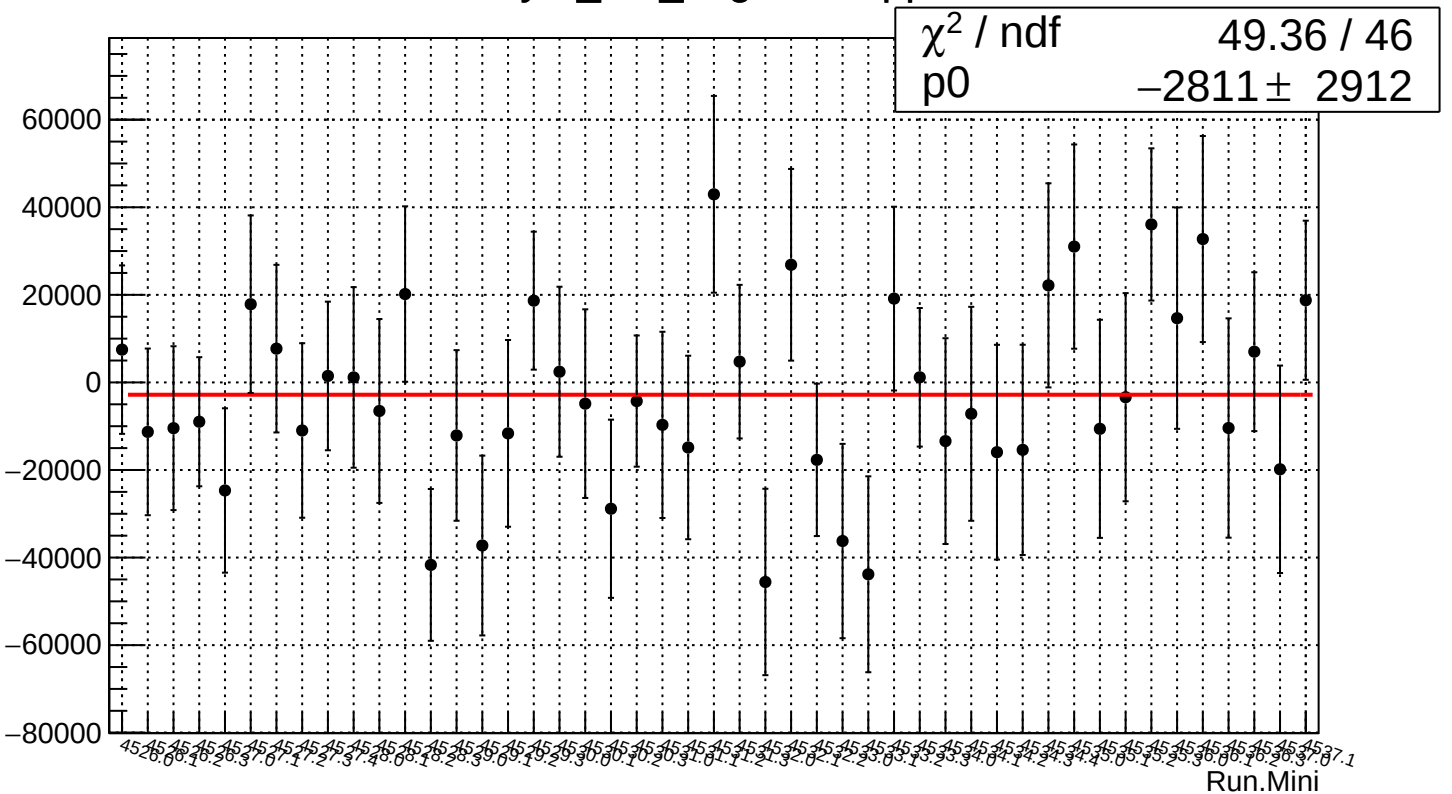
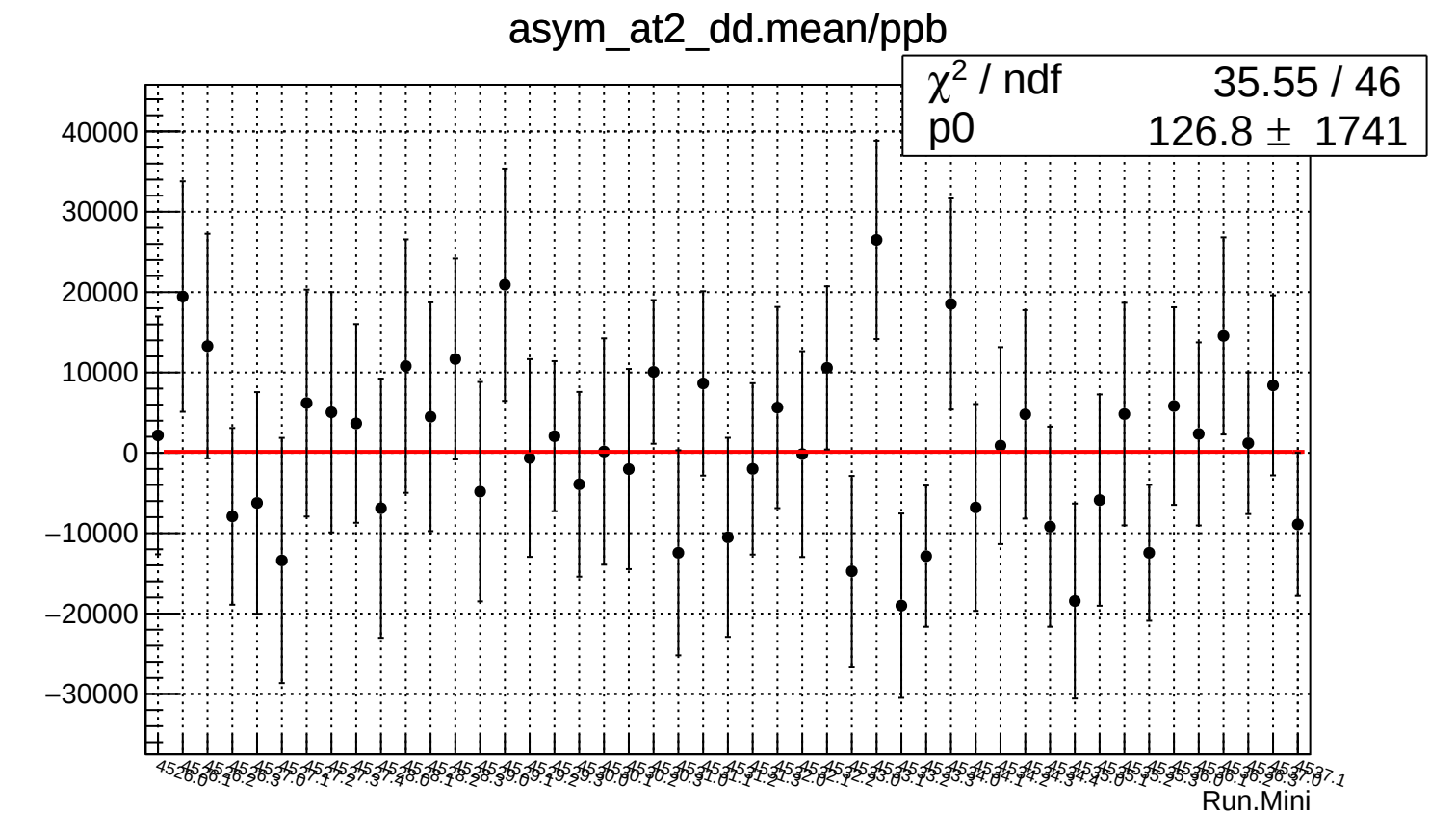
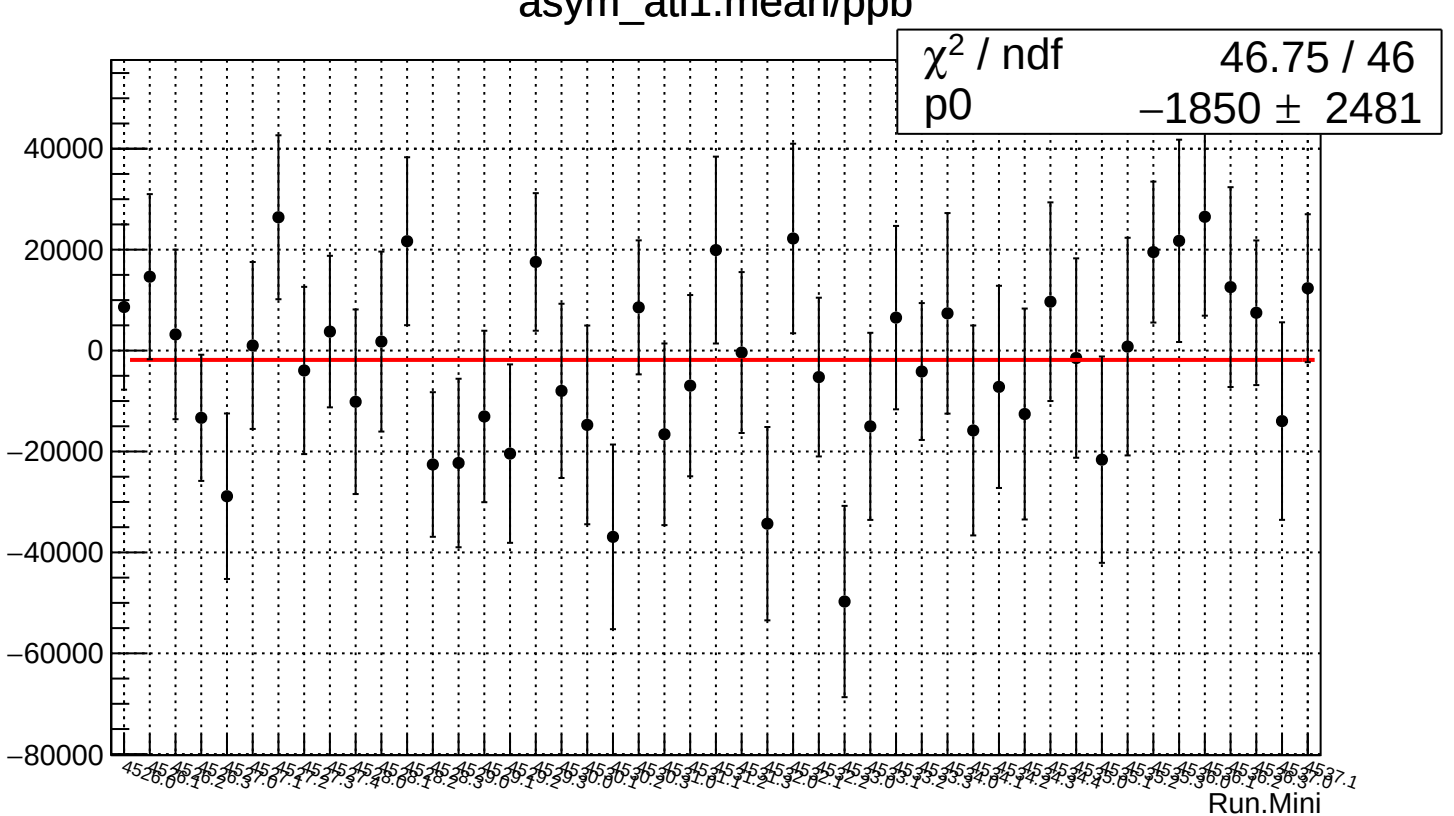
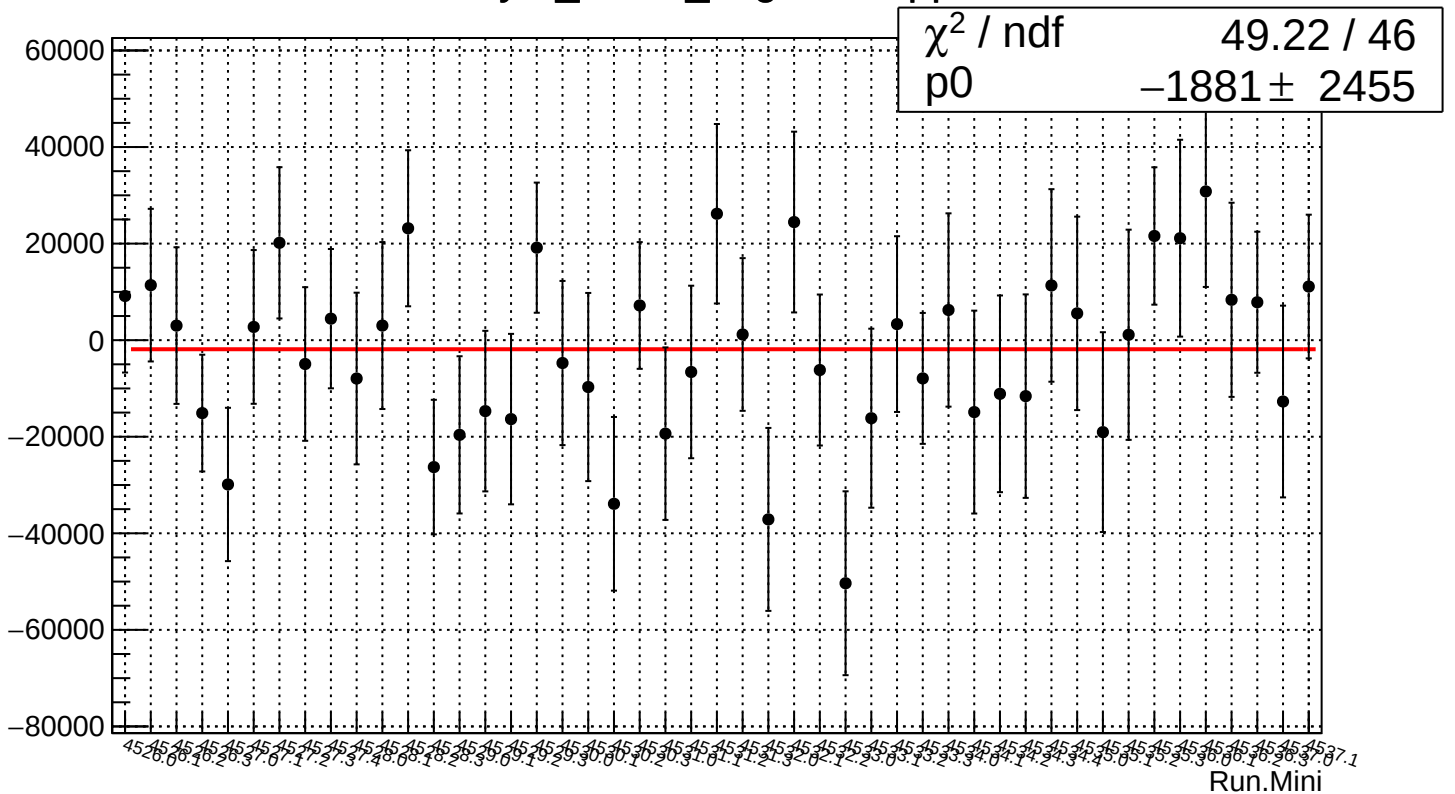

asym_at1_avg.mean/ppb
χ² / ndf 46.57 / 46
p0 −909.6 ± 1382
30000
20000
10000
0
−10000
−20000
−30000
Run.Mini

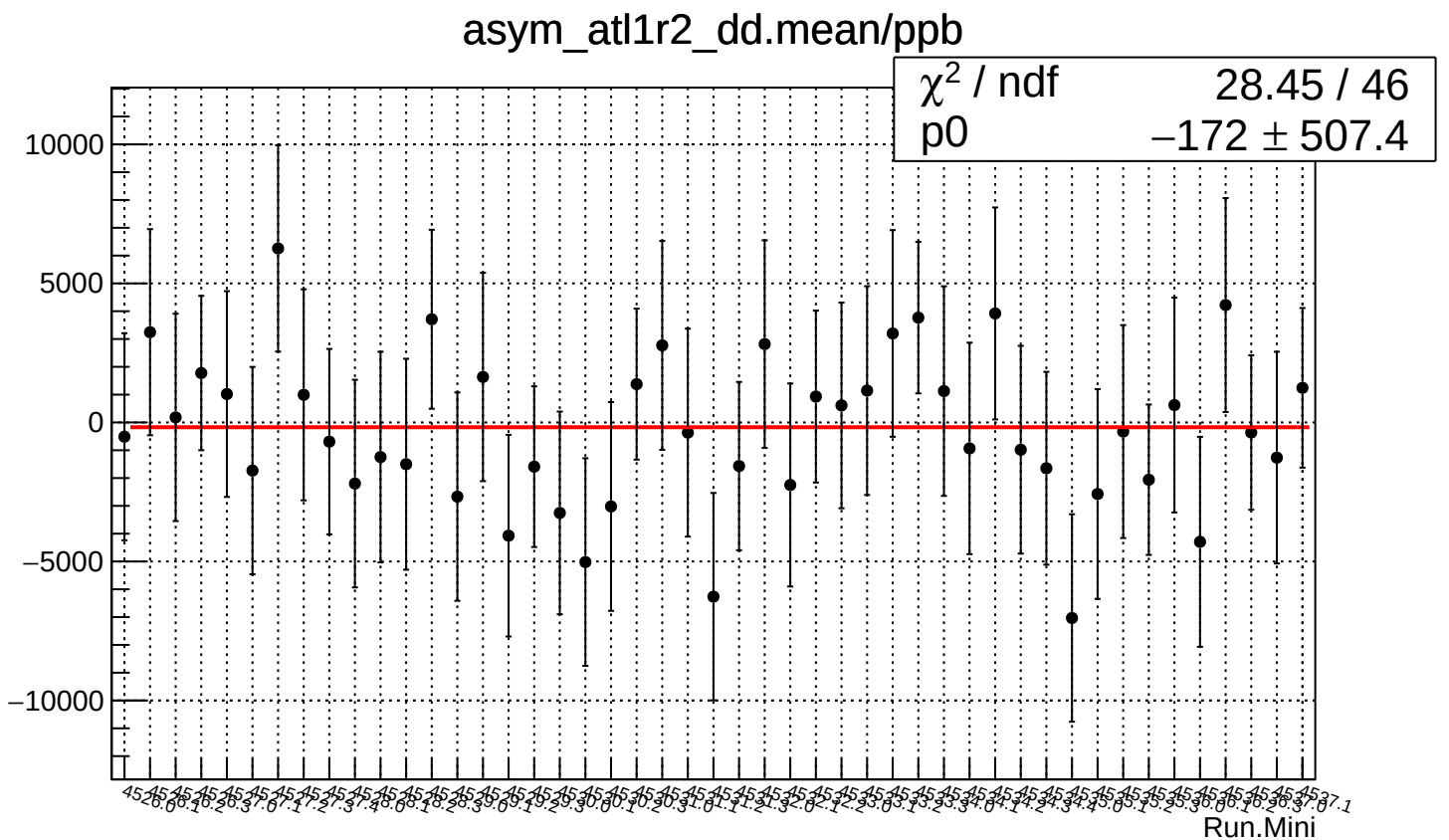

asym_at1_dd.mean/ppb
χ² / ndf 37.88 / 46
p0 −953.9 ± 1746
30000
20000
10000
0
−10000
−20000
−30000
−40000
−50000
Run.Mini

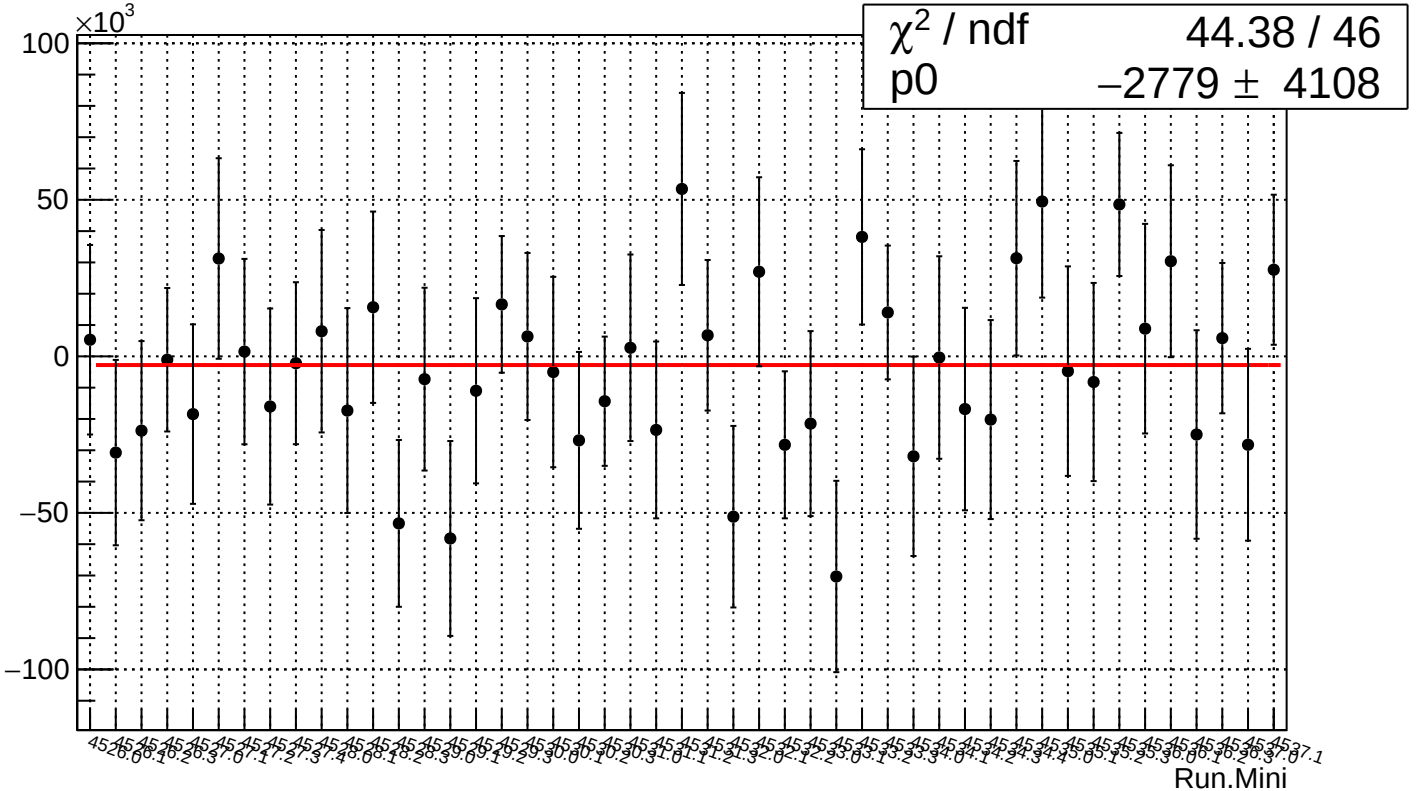

asym_at2_avg.mean/ppb
χ² / ndf 49.36 / 46
p0 −2811 ± 2912
60000
40000
20000
0
−20000
−40000
−60000
−80000
Run.Mini

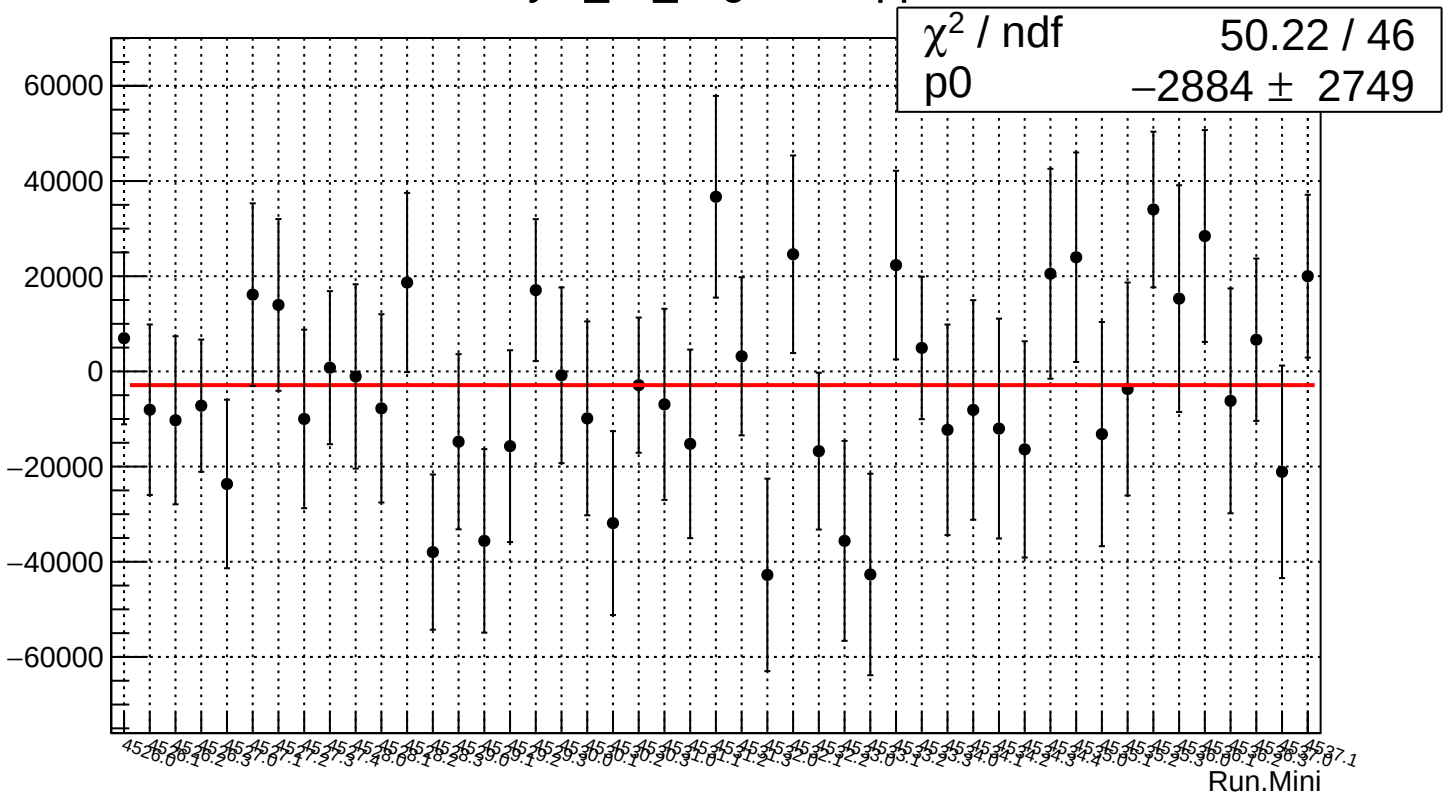

asym_at2_dd.mean/ppb
χ² / ndf 35.55 / 46
p0 126.8 ± 1741
40000
30000
20000
10000
0
−10000
−20000
−30000
Run.Mini

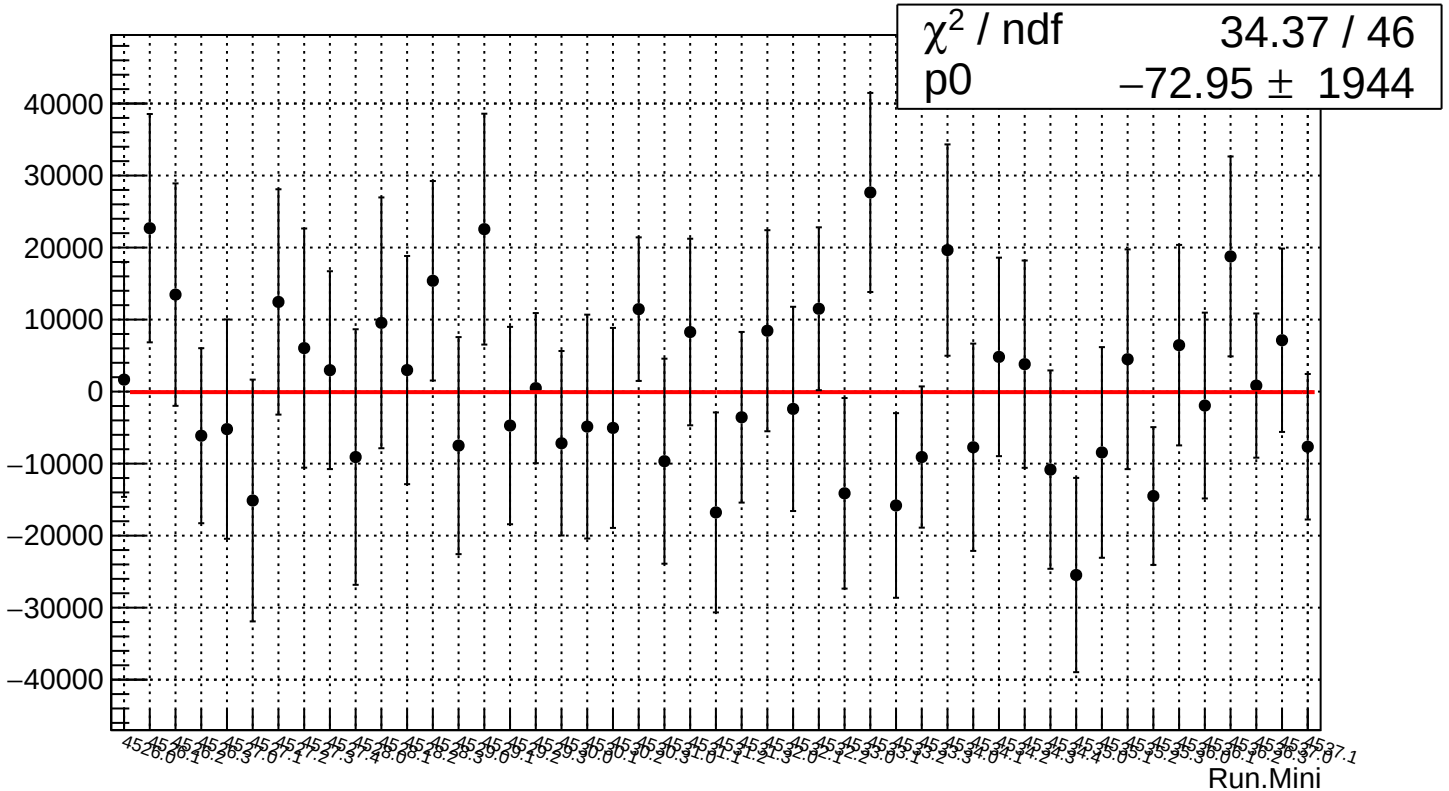

asym_atl1.mean/ppb
χ² / ndf 46.75 / 46
p0 −1850 ± 2481
40000
20000
0
−20000
−40000
−60000
−80000
Run.Mini

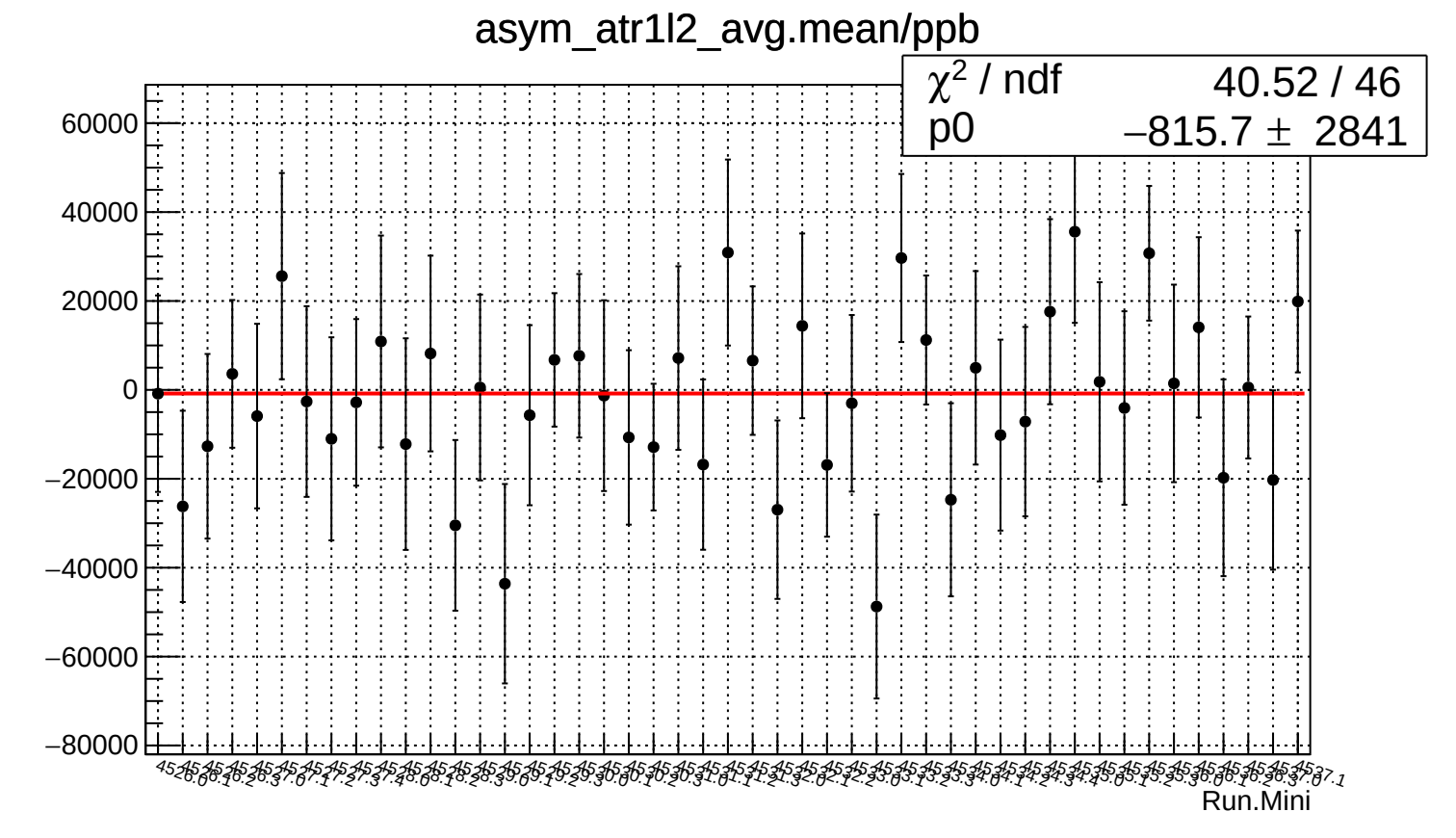

asym_atl1r2_avg.mean/ppb
χ² / ndf 49.22 / 46
p0 −1881 ± 2455
60000
40000
20000
0
−20000
−40000
−60000
−80000
Run.Mini

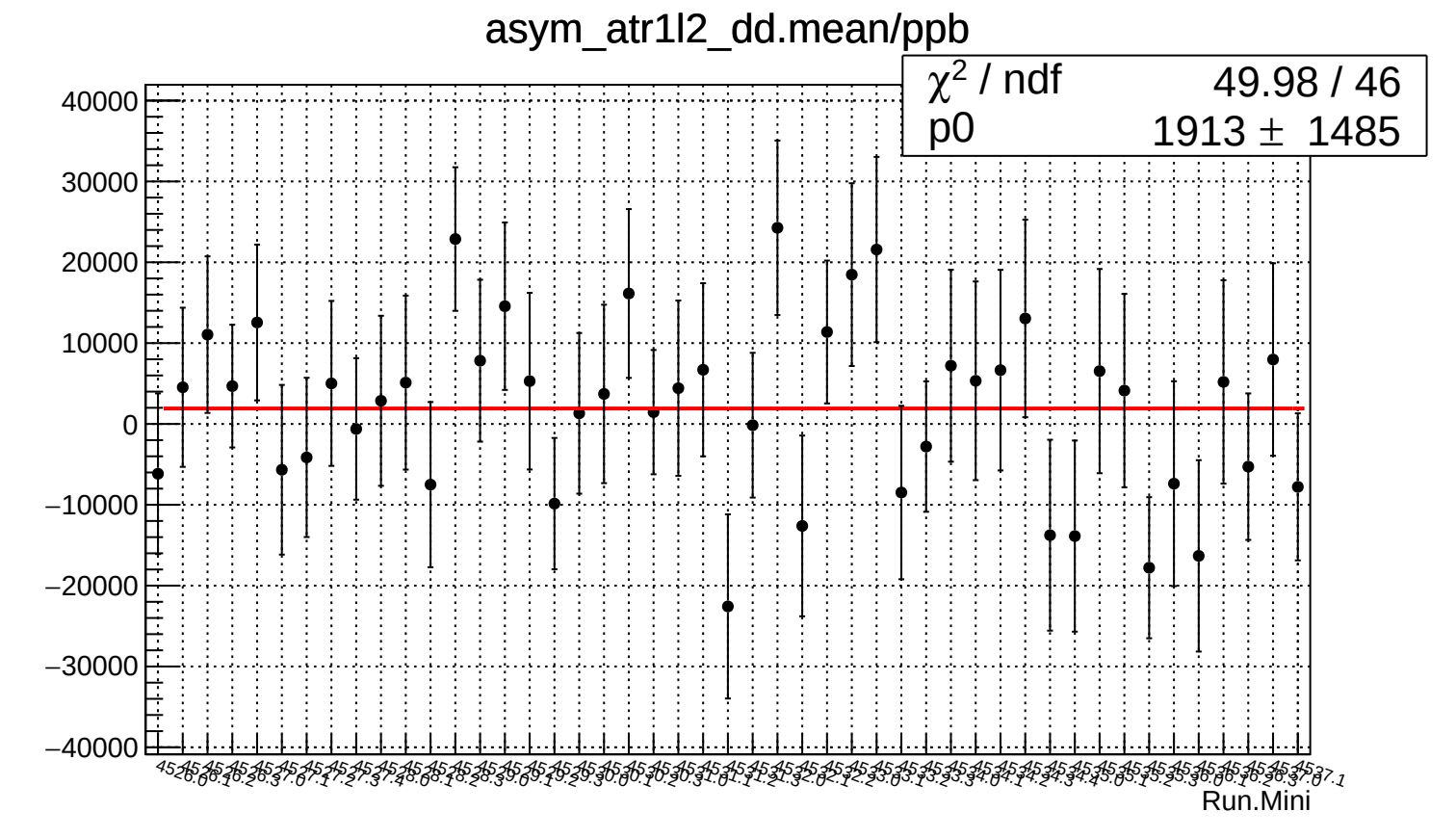

asym_atl1r2_dd.mean/ppb
χ² / ndf 28.45 / 46
p0 −172 ± 507.4
10000
5000
0
−5000
−10000
Run.Mini

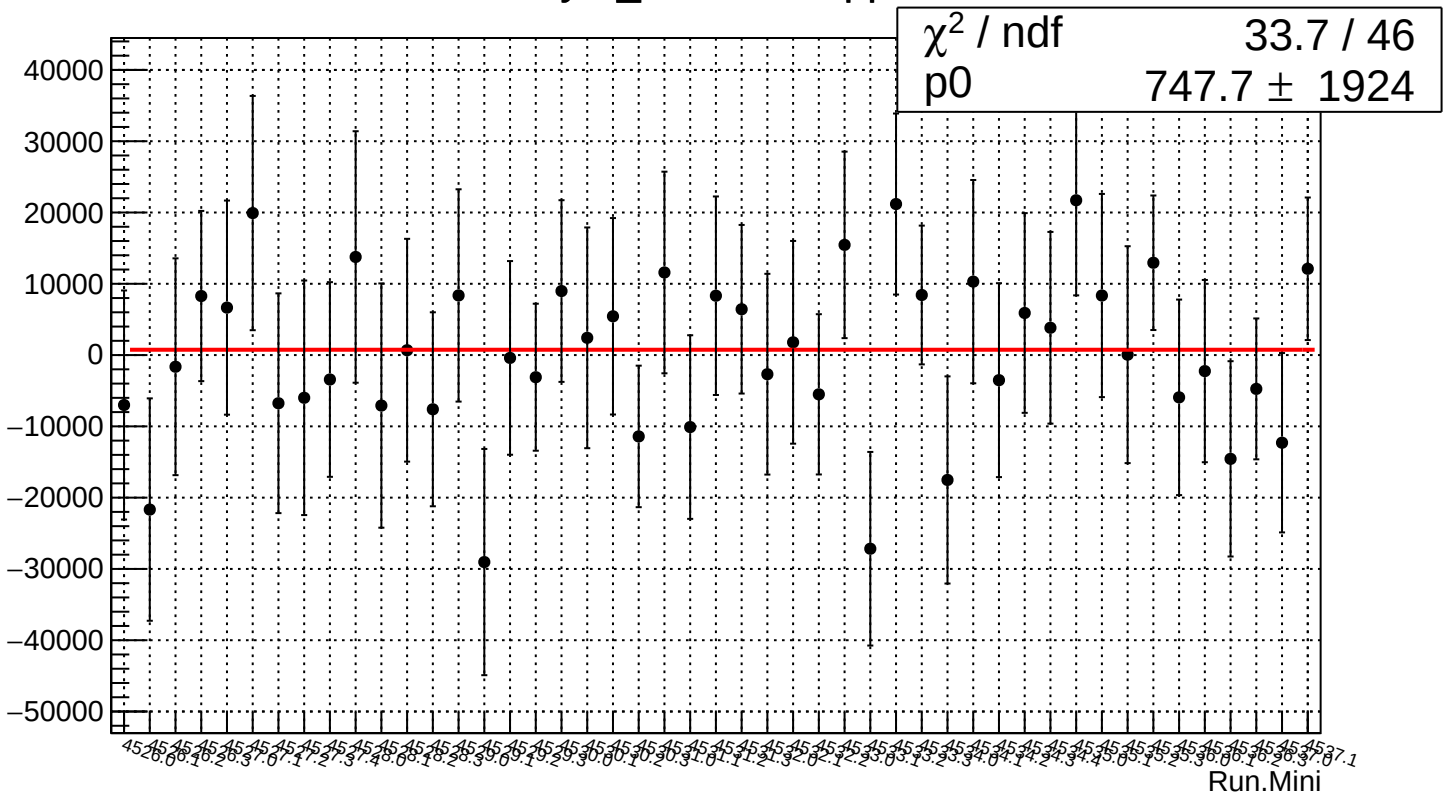

asym_atl2.mean/ppb
×10^3
100
50
0
−50
−100
χ² / ndf 44.38 / 46
p0 −2779 ± 4108
Run.Mini

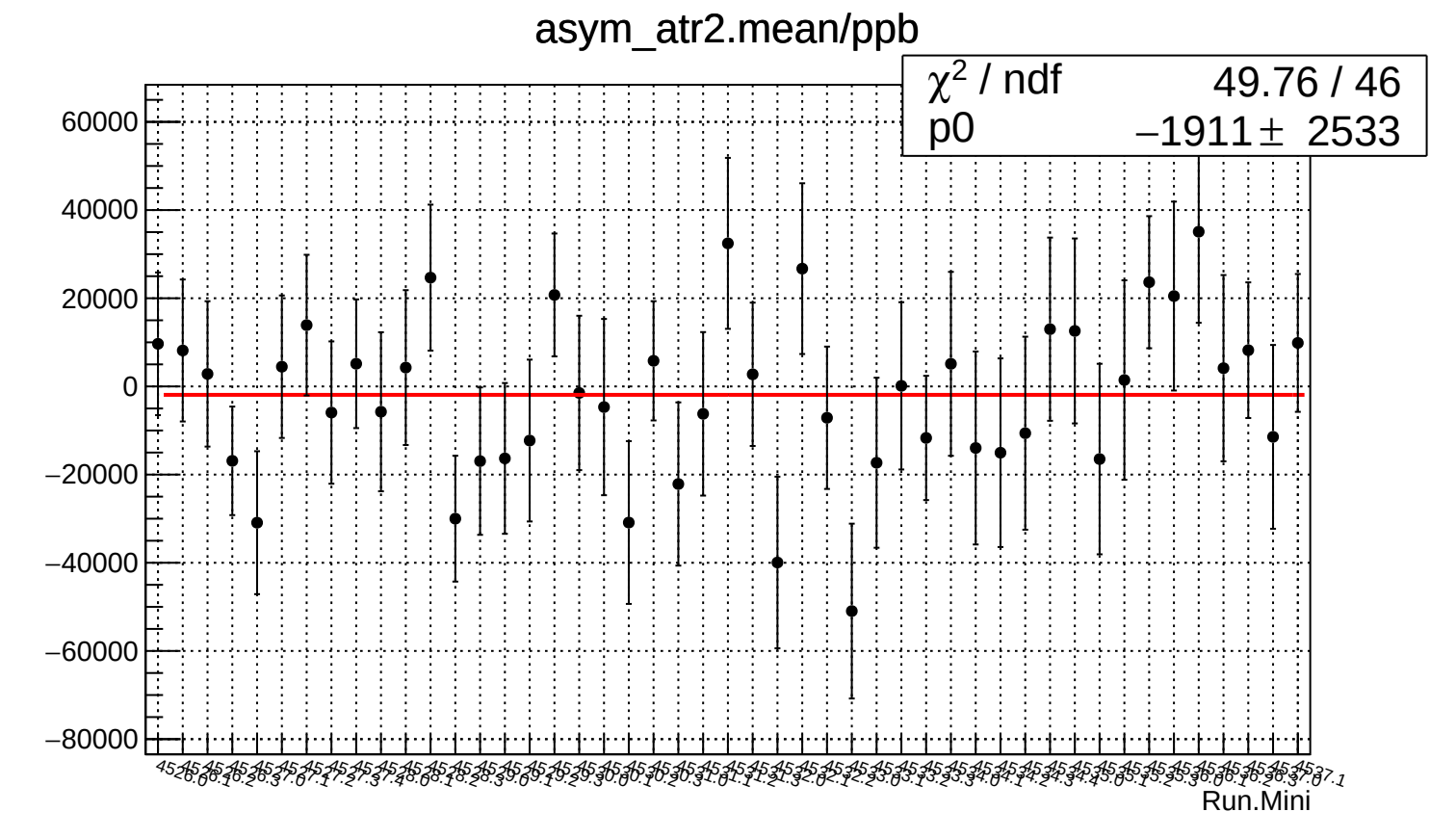

asym_atl_avg.mean/ppb
χ² / ndf 50.22 / 46
p0 −2884 ± 2749
60000
40000
20000
0
−20000
−40000
−60000
Run.Mini

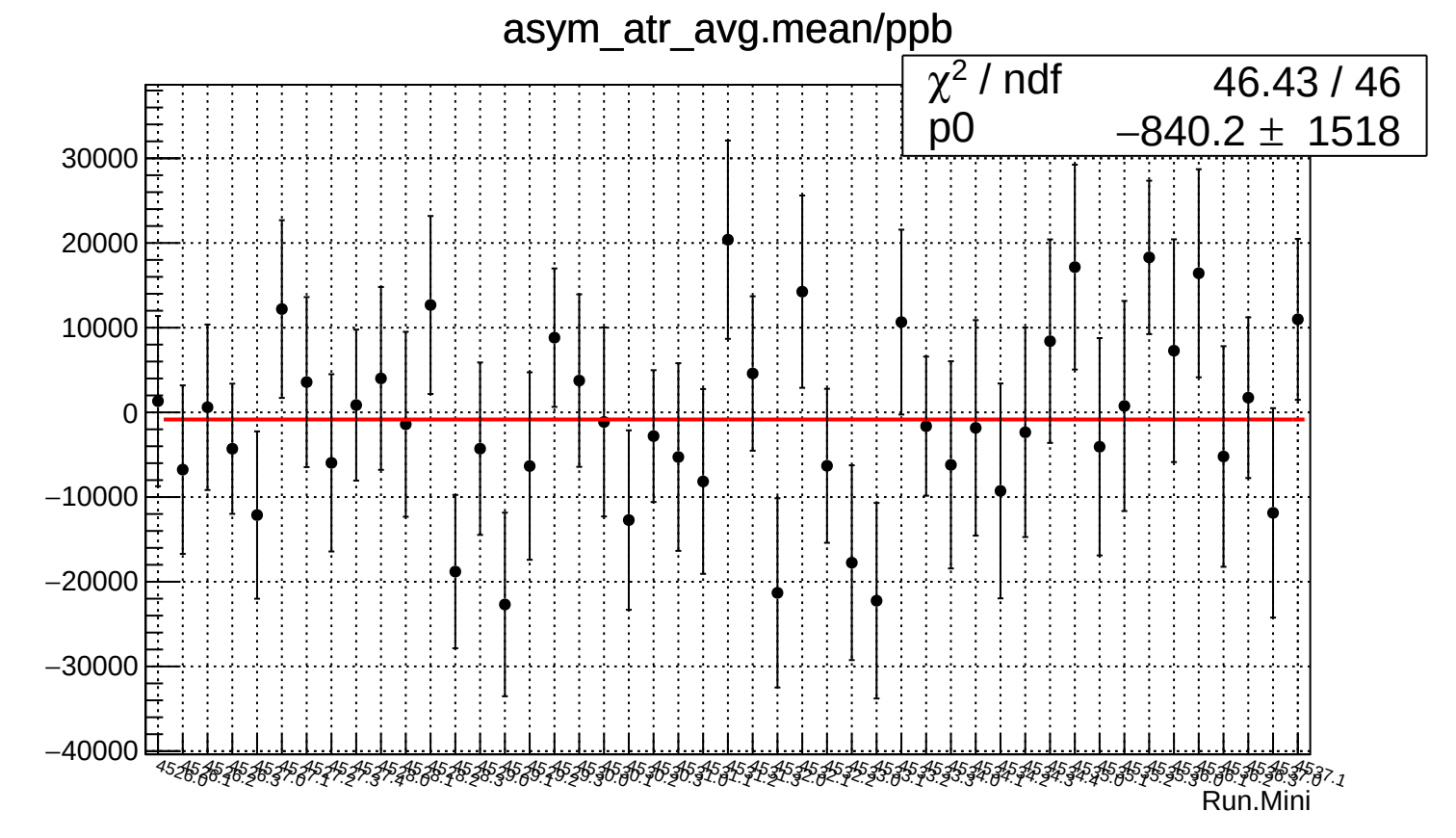

asym_atl_dd.mean/ppb
χ² / ndf 34.37 / 46
p0 −72.95 ± 1944
40000
30000
20000
10000
0
−10000
−20000
−30000
−40000
Run.Mini

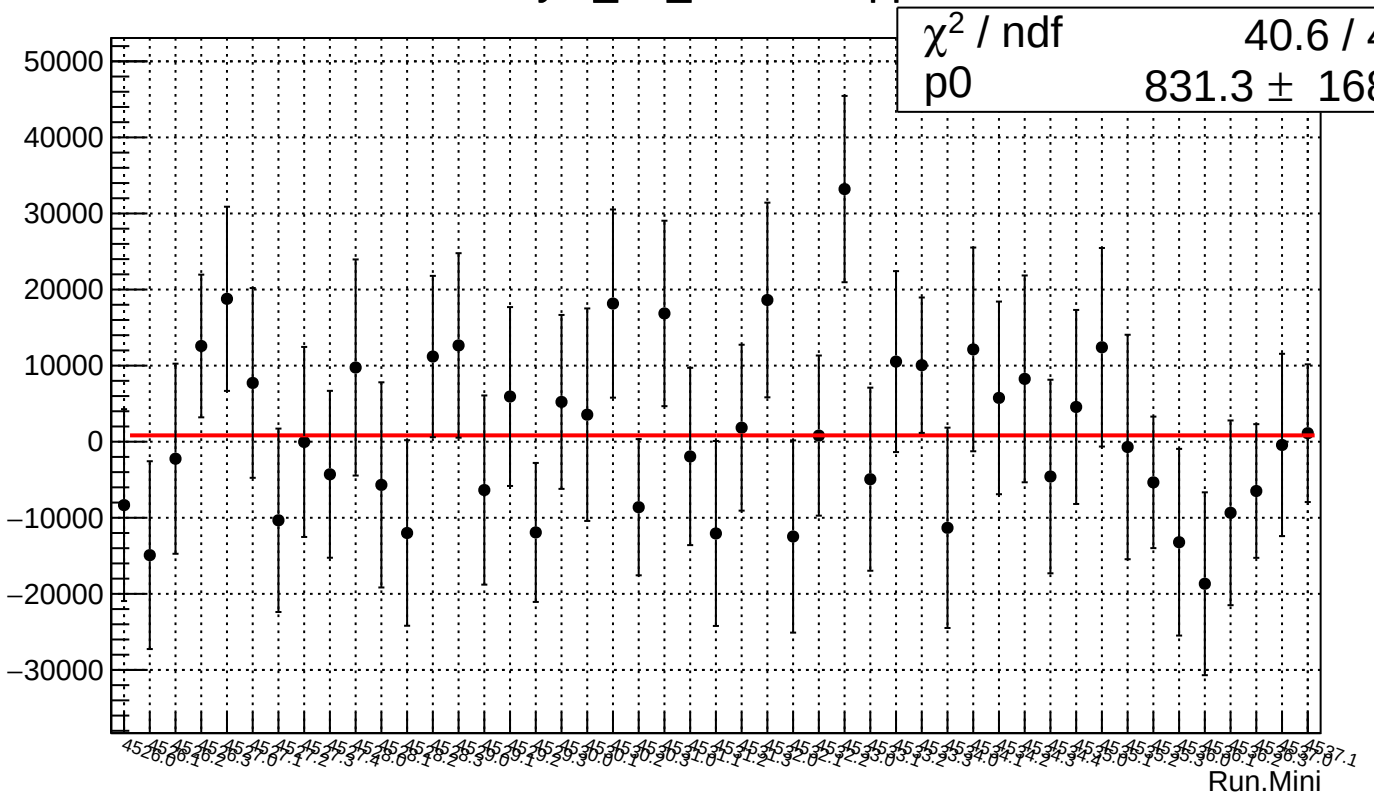

asym_atr1l2_avg.mean/ppb
χ² / ndf 40.52 / 46
p0 –815.7 ± 2841
60000
40000
20000
0
–20000
–40000
–60000
–80000
Run.Mini

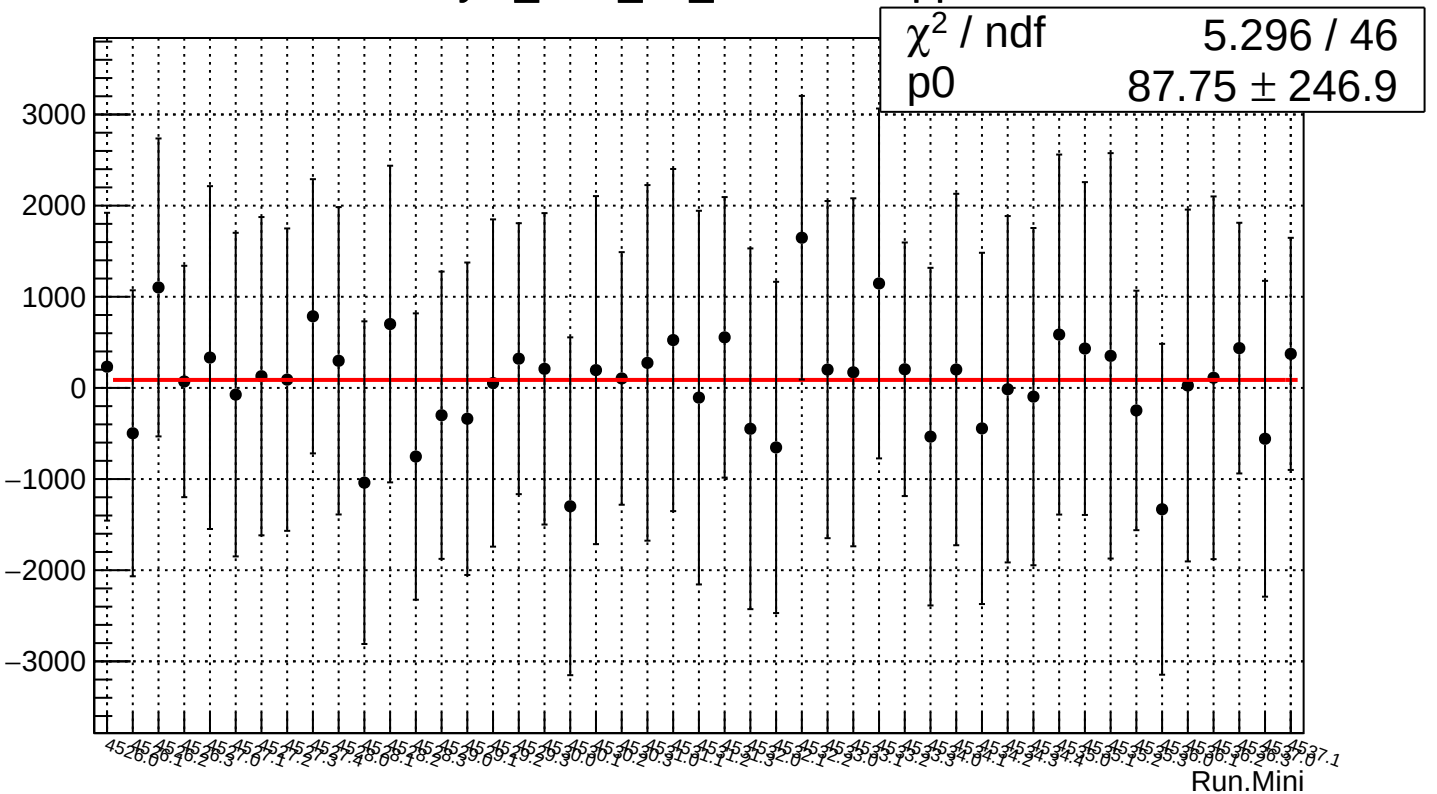

asym_atr1l2_dd.mean/ppb
χ² / ndf 49.98 / 46
p0 1913 ± 1485
40000
30000
20000
10000
0
−10000
−20000
−30000
−40000
Run.Mini

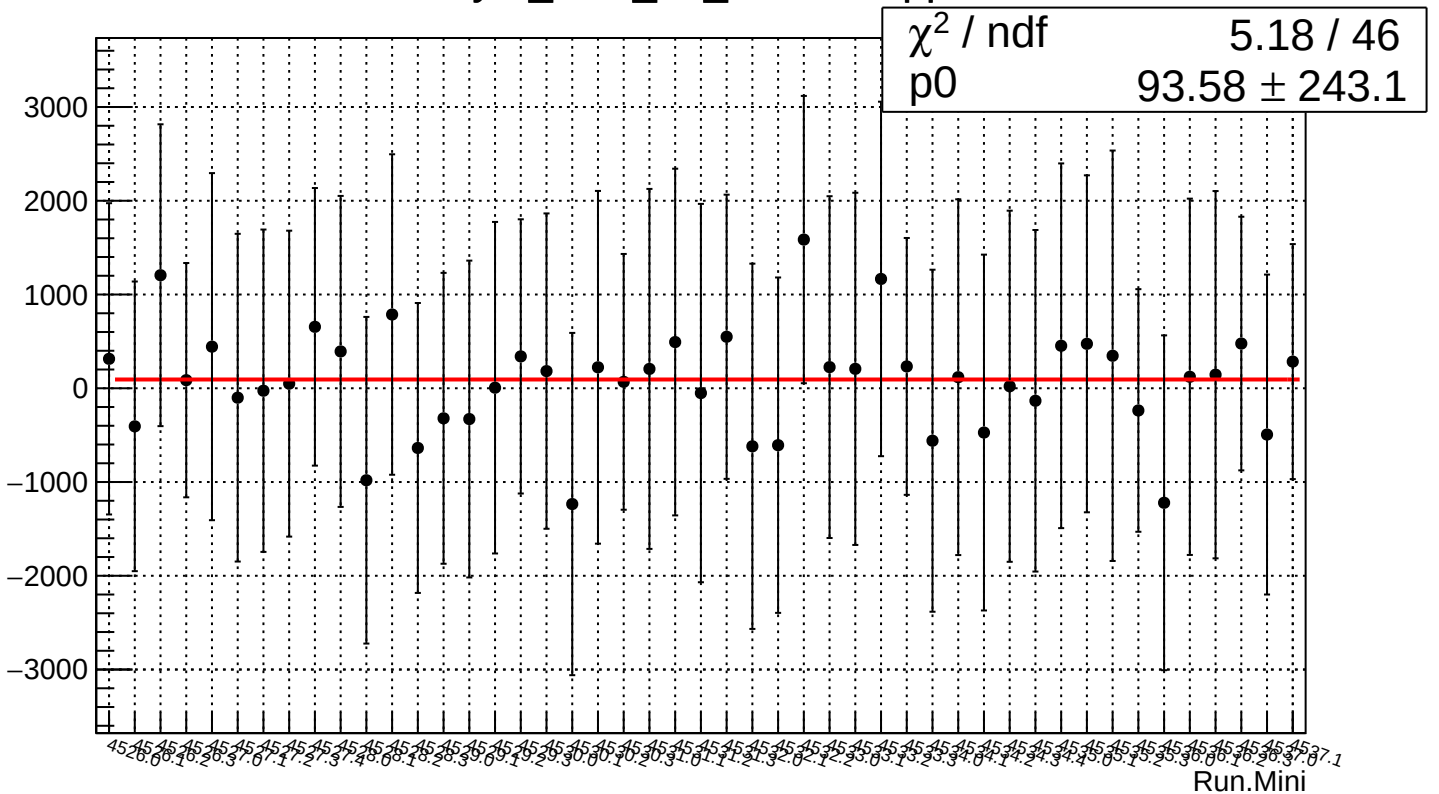

asym_atr1.mean/ppb
χ² / ndf 33.7 / 46
p0 747.7 ± 1924
40000
30000
20000
10000
0
−10000
−20000
−30000
−40000
−50000
Run.Mini

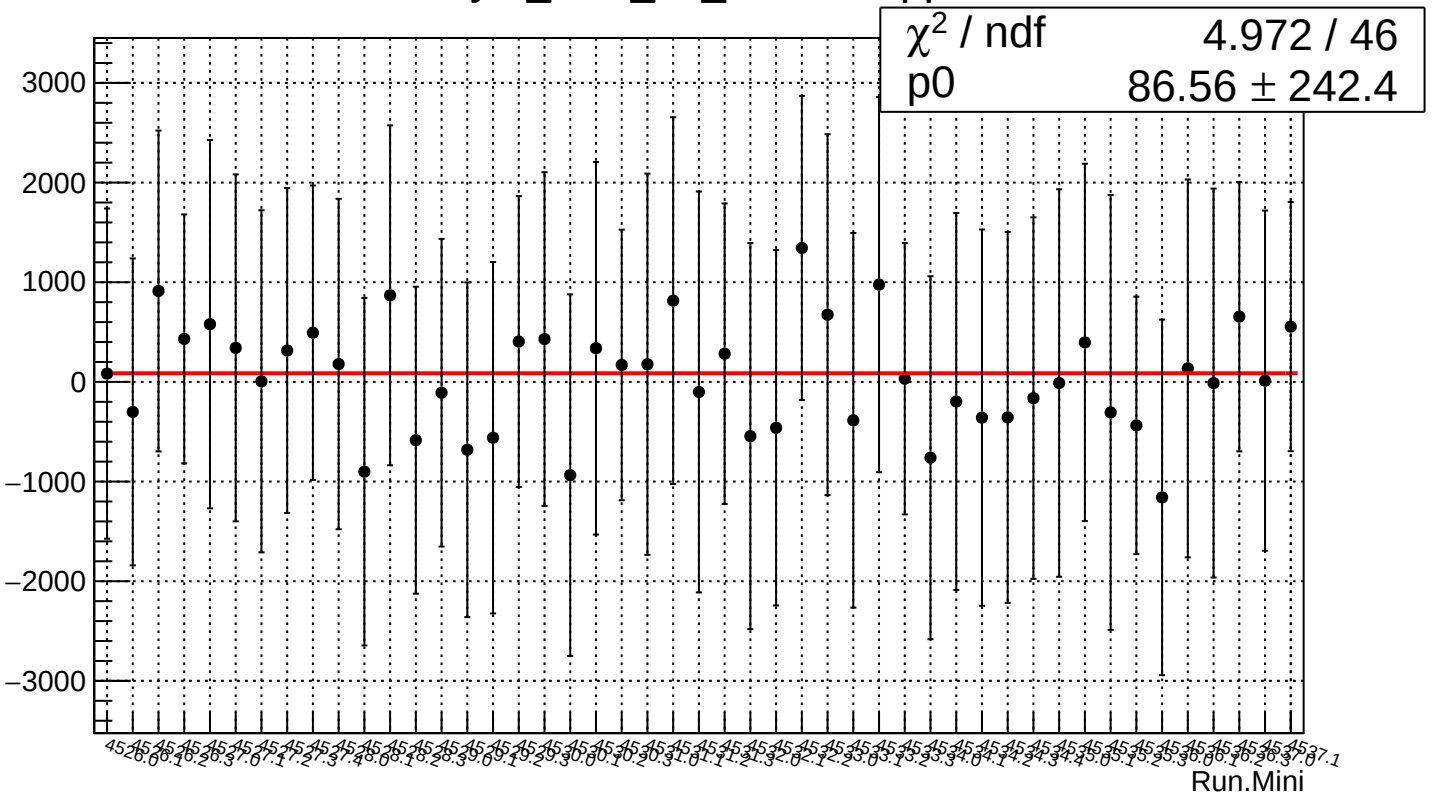

asym_atr2.mean/ppb
χ² / ndf 49.76 / 46
p0 −1911 ± 2533
60000
40000
20000
0
−20000
−40000
−60000
−80000
Run.Mini

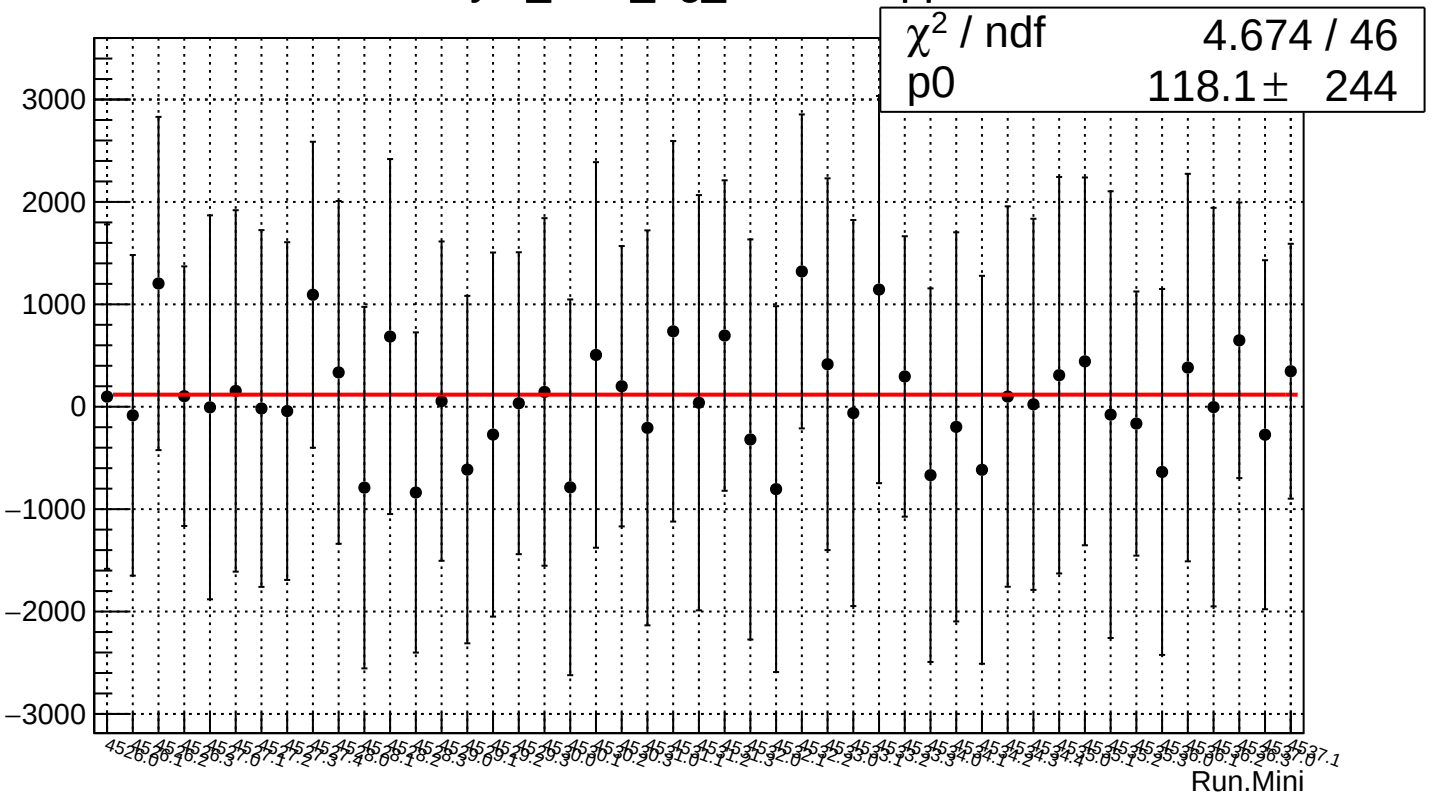

asym_atr_avg.mean/ppb
χ² / ndf 46.43 / 46
p0 −840.2 ± 1518
30000
20000
10000
0
−10000
−20000
−30000
−40000
Run.Mini

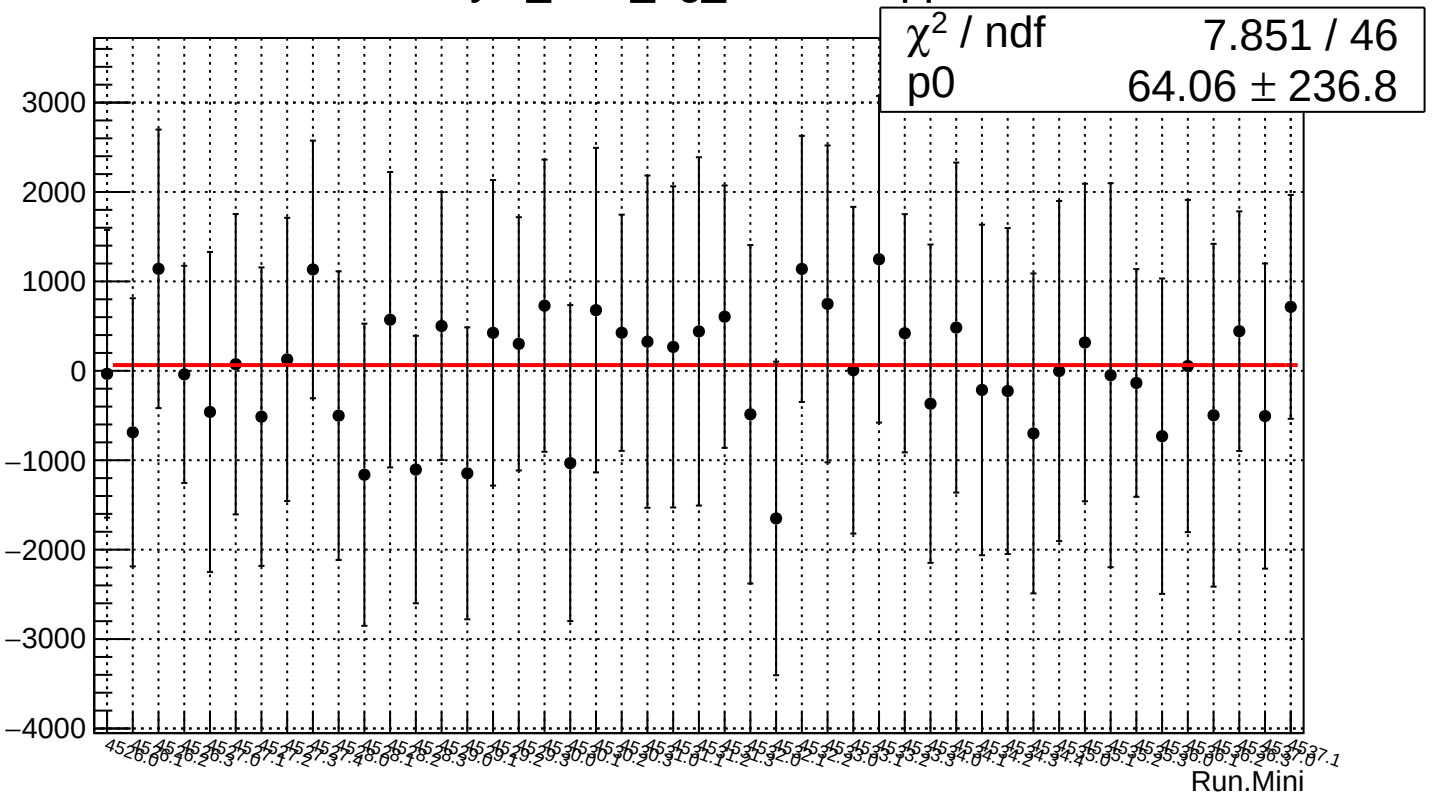

asym_atr_dd.mean/ppb
χ² / ndf 40.6 / 46
p0 831.3 ± 1687
50000
40000
30000
20000
10000
0
−10000
−20000
−30000
Run.Mini

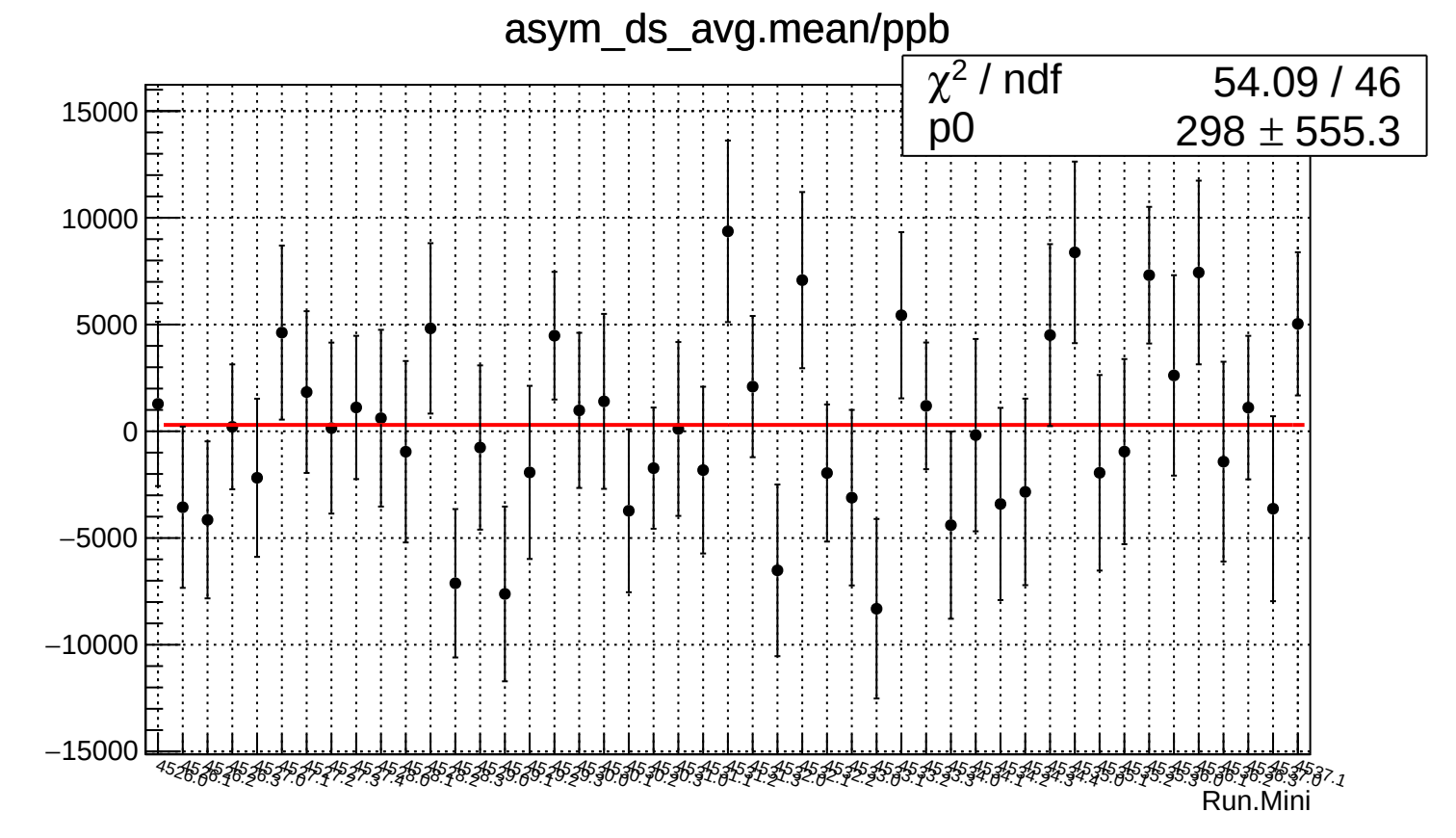

asym_bcm_an_ds3.mean/ppb
χ² / ndf 5.296 / 46
p0 87.75 ± 246.9
3000
2000
1000
0
−1000
−2000
−3000
Run.Mini

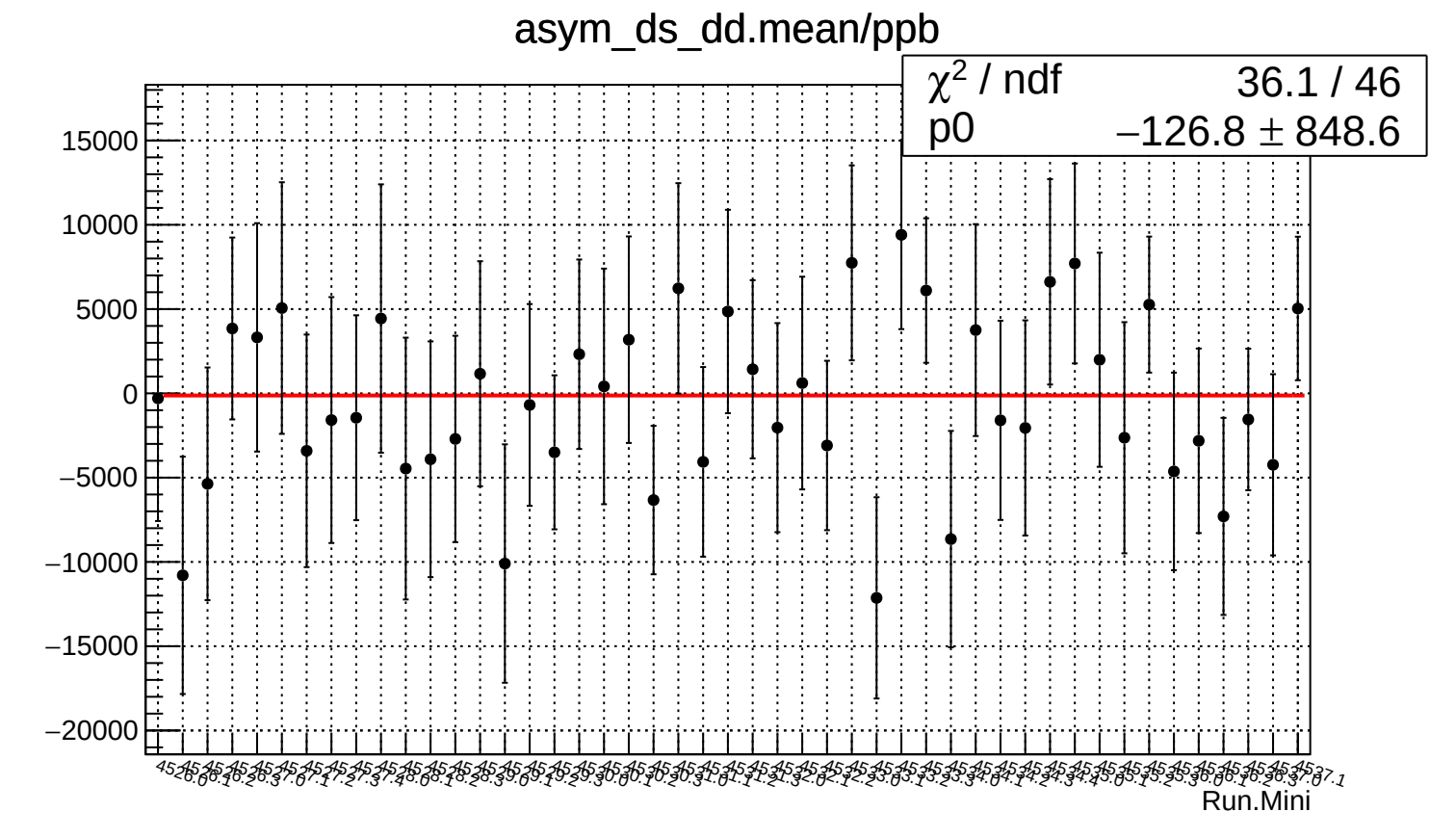

asym_bcm_an_ds.mean/ppb
χ² / ndf 5.18 / 46
p0 93.58 ± 243.1
3000
2000
1000
0
−1000
−2000
−3000
Run.Mini

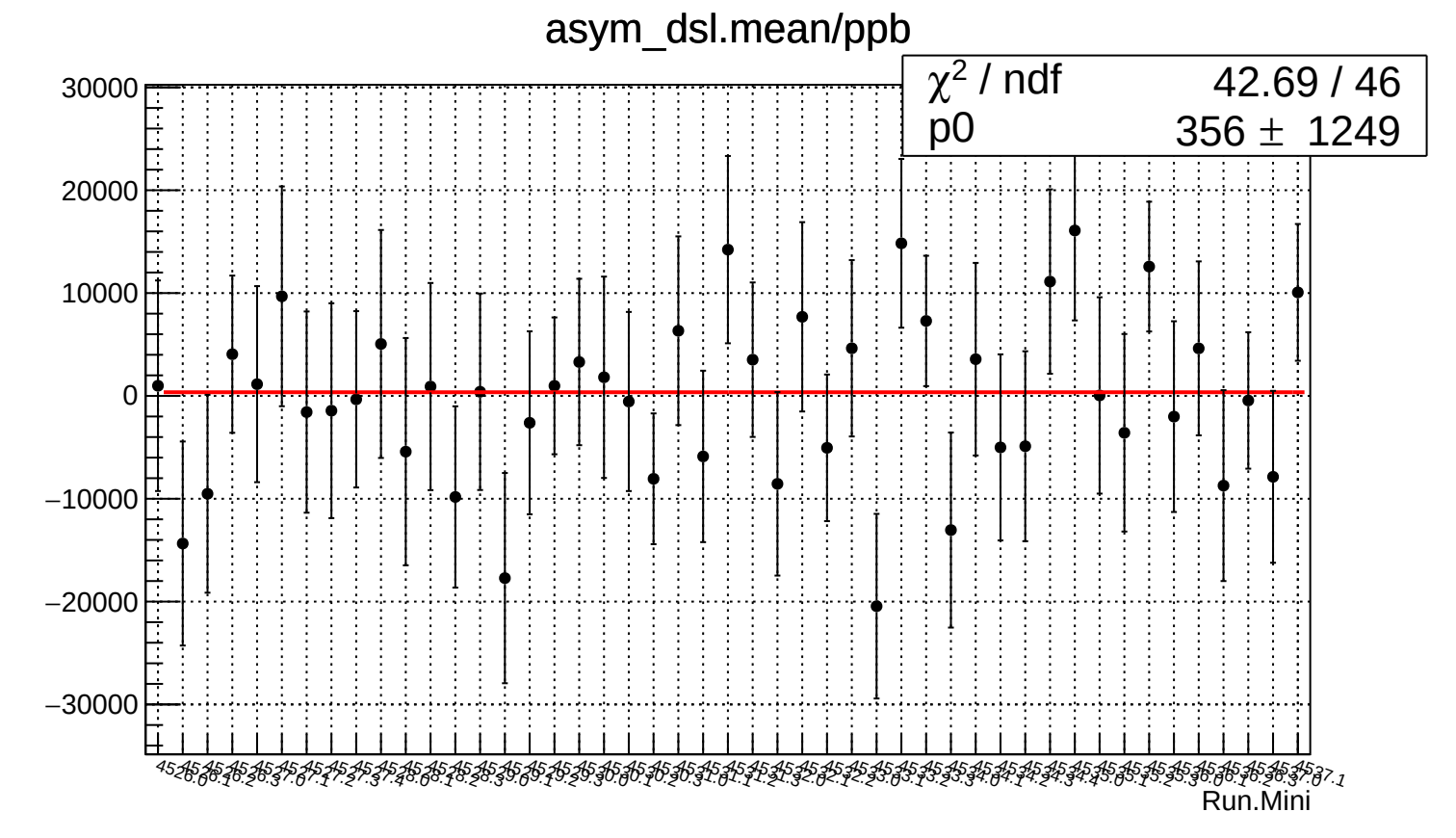

asym_bcm_an_us.mean/ppb
χ² / ndf 4.972 / 46
p0 86.56 ± 242.4
3000
2000
1000
0
−1000
−2000
−3000
Run.Mini

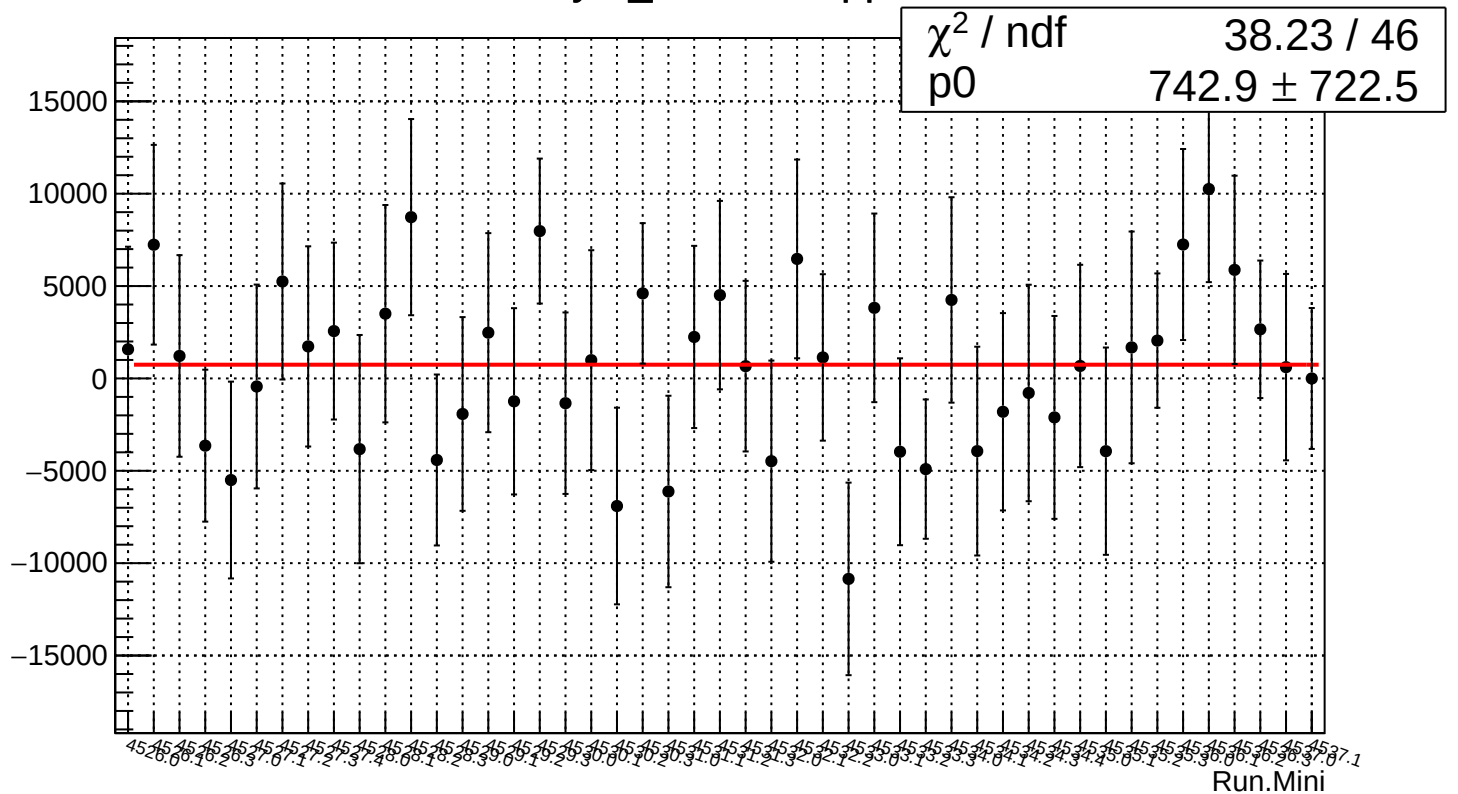

asym_bcm_dg_ds.mean/ppb
χ² / ndf 4.674 / 46
p0 118.1 ± 244
3000
2000
1000
0
−1000
−2000
−3000
Run.Mini

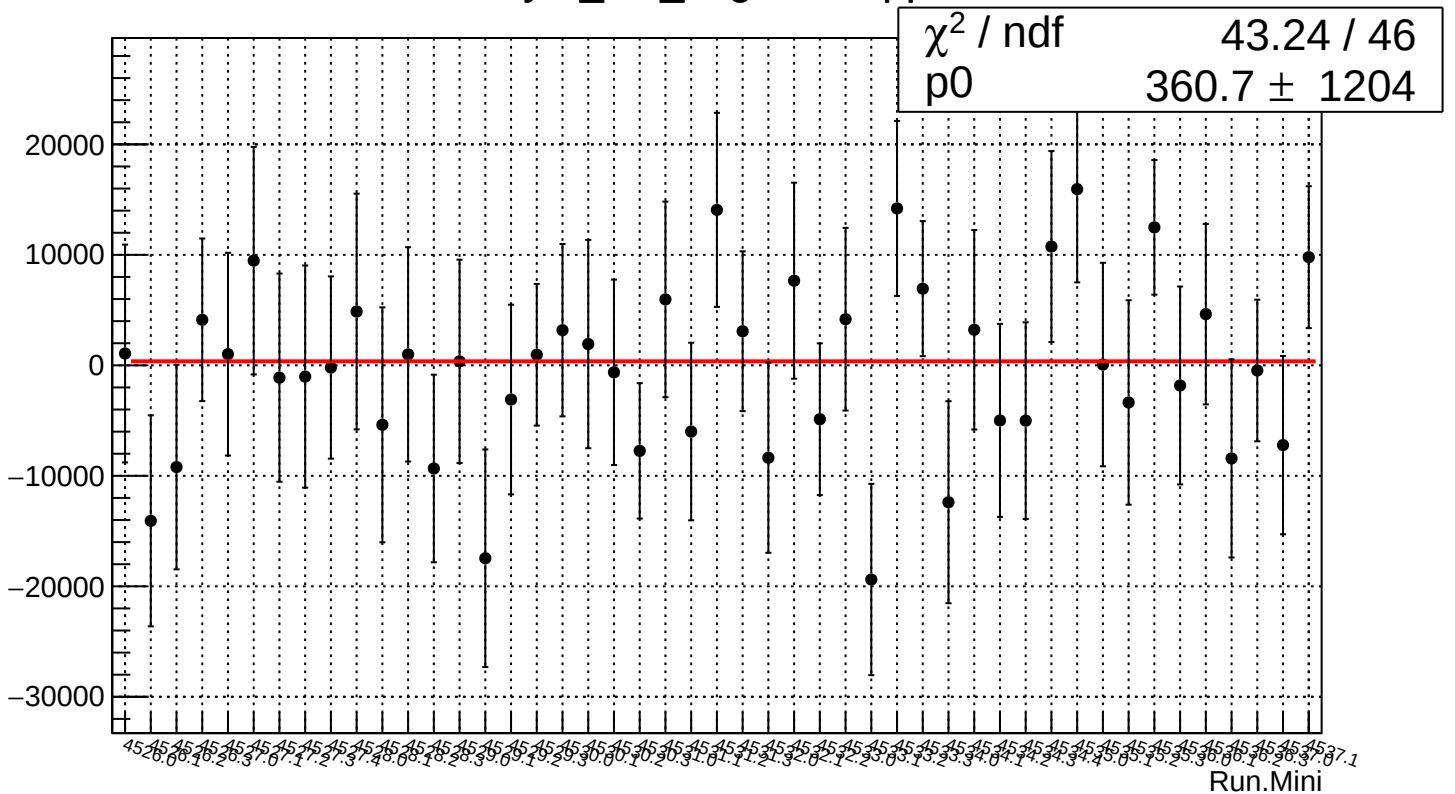

asym_bcm_dg_us.mean/ppb
χ² / ndf 7.851 / 46
p0 64.06 ± 236.8
3000
2000
1000
0
−1000
−2000
−3000
−4000
Run.Mini

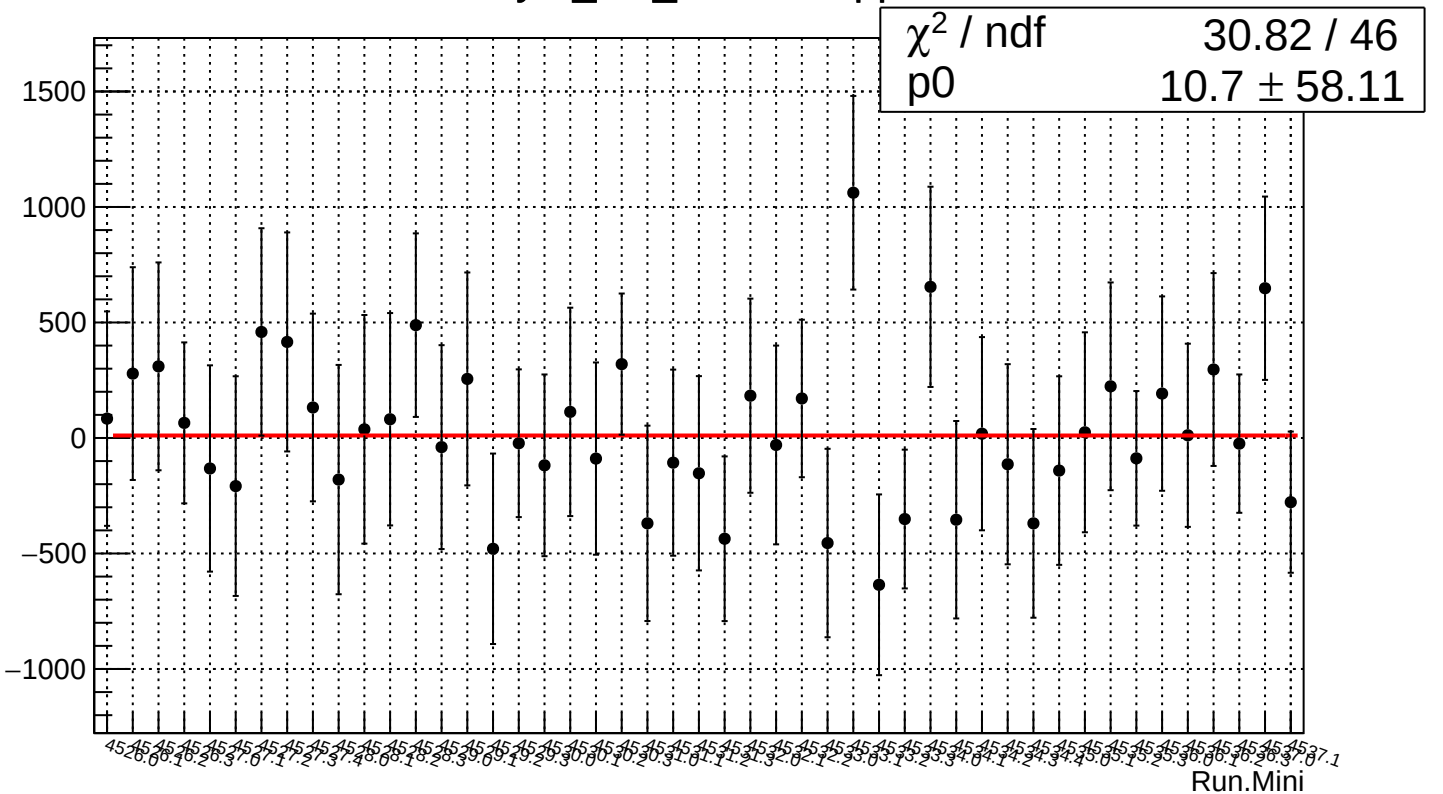

asym_ds_avg.mean/ppb
χ² / ndf 54.09 / 46
p0 298 ± 555.3
15000
10000
5000
0
−5000
−10000
−15000
Run.Mini

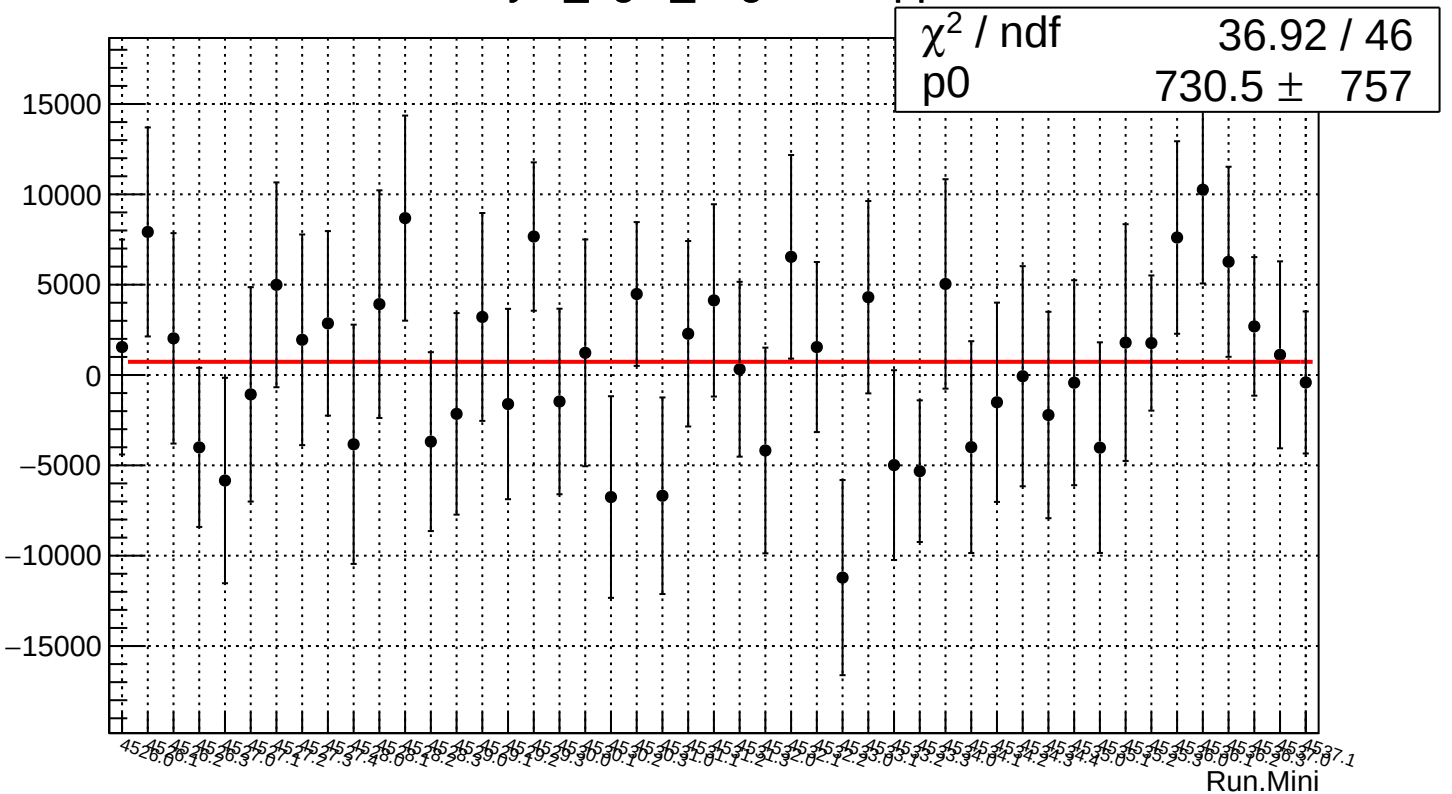

asym_ds_dd.mean/ppb
χ² / ndf 36.1 / 46
p0 −126.8 ± 848.6
15000
10000
5000
0
−5000
−10000
−15000
−20000
Run.Mini

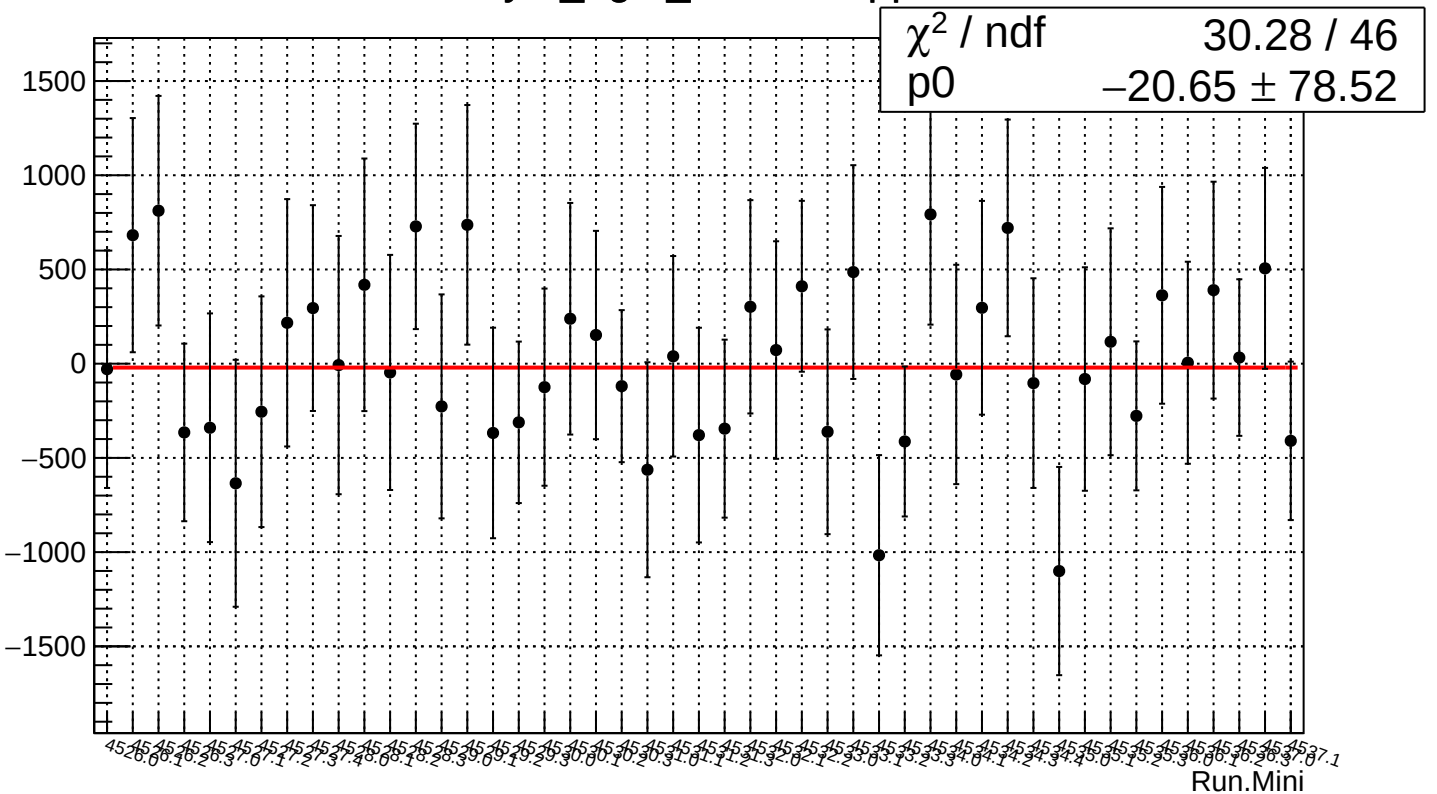

asym_dsl.mean/ppb
χ² / ndf 42.69 / 46
p0 356 ± 1249
30000
20000
10000
0
−10000
−20000
−30000
Run.Mini

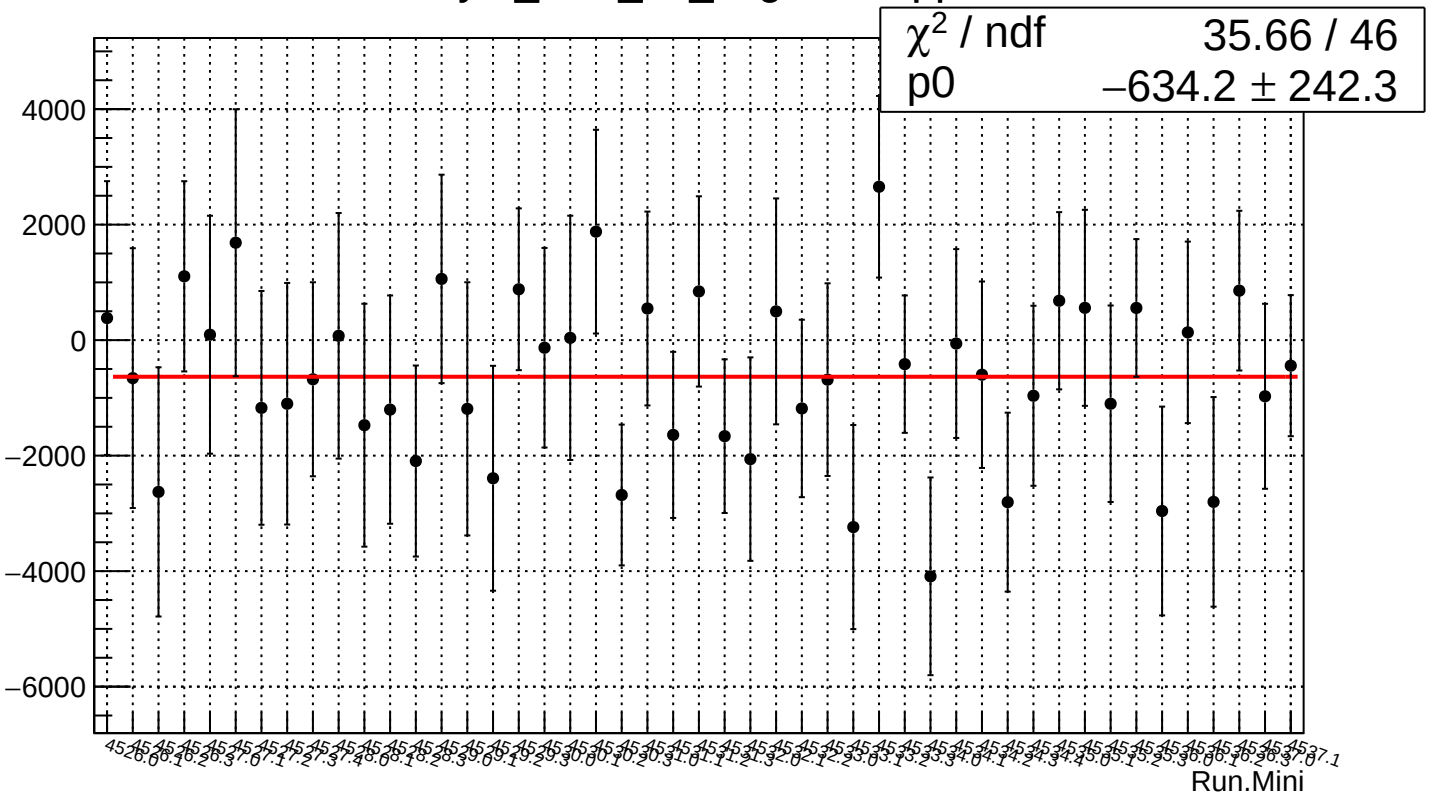

asym_dsr.mean/ppb
χ² / ndf 38.23 / 46
p0 742.9 ± 722.5
15000
10000
5000
0
−5000
−10000
−15000
Run.Mini

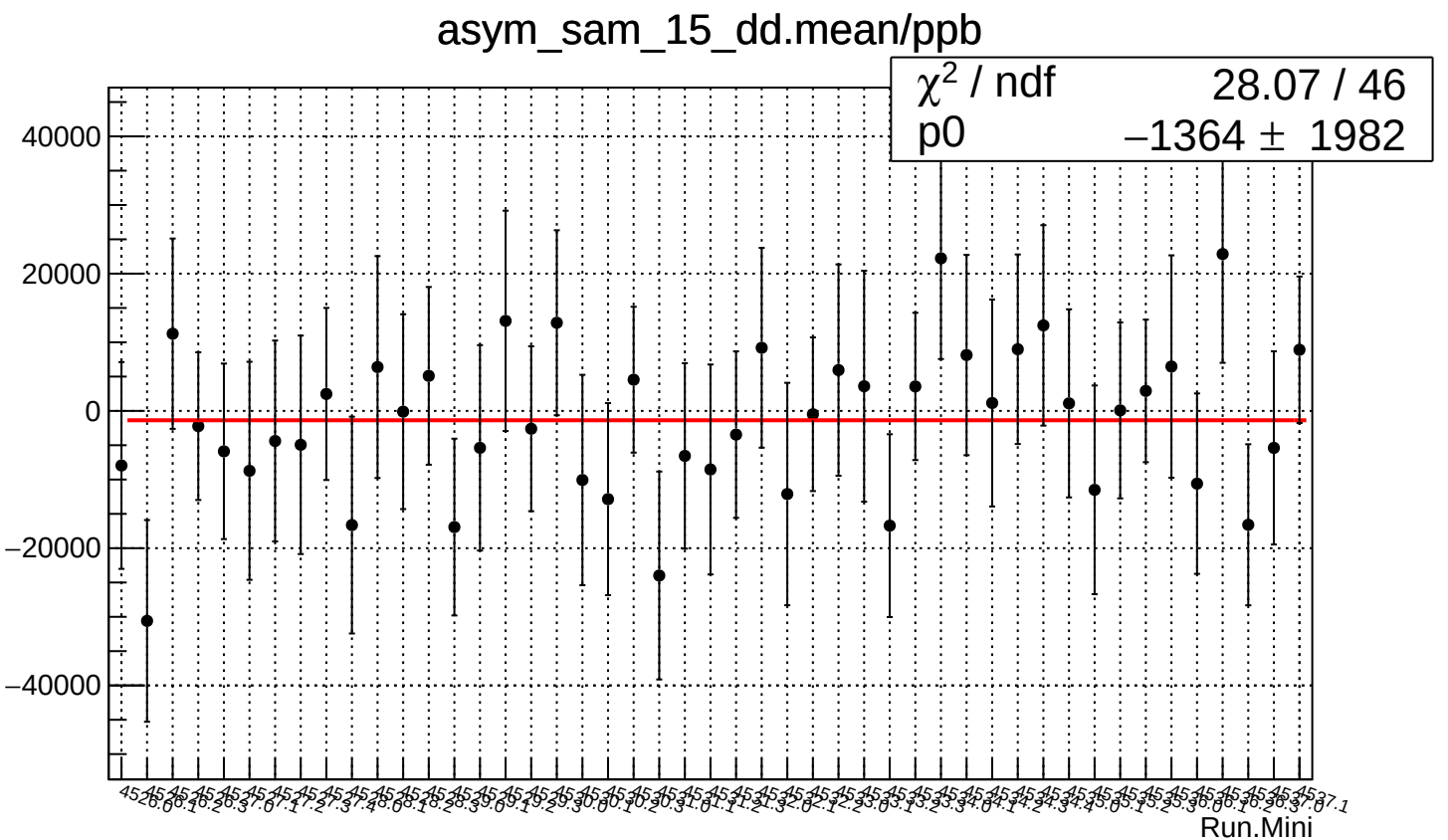

asym_left_avg.mean/ppb
χ² / ndf 43.24 / 46
p0 360.7 ± 1204
20000
10000
0
−10000
−20000
−30000
Run.Mini

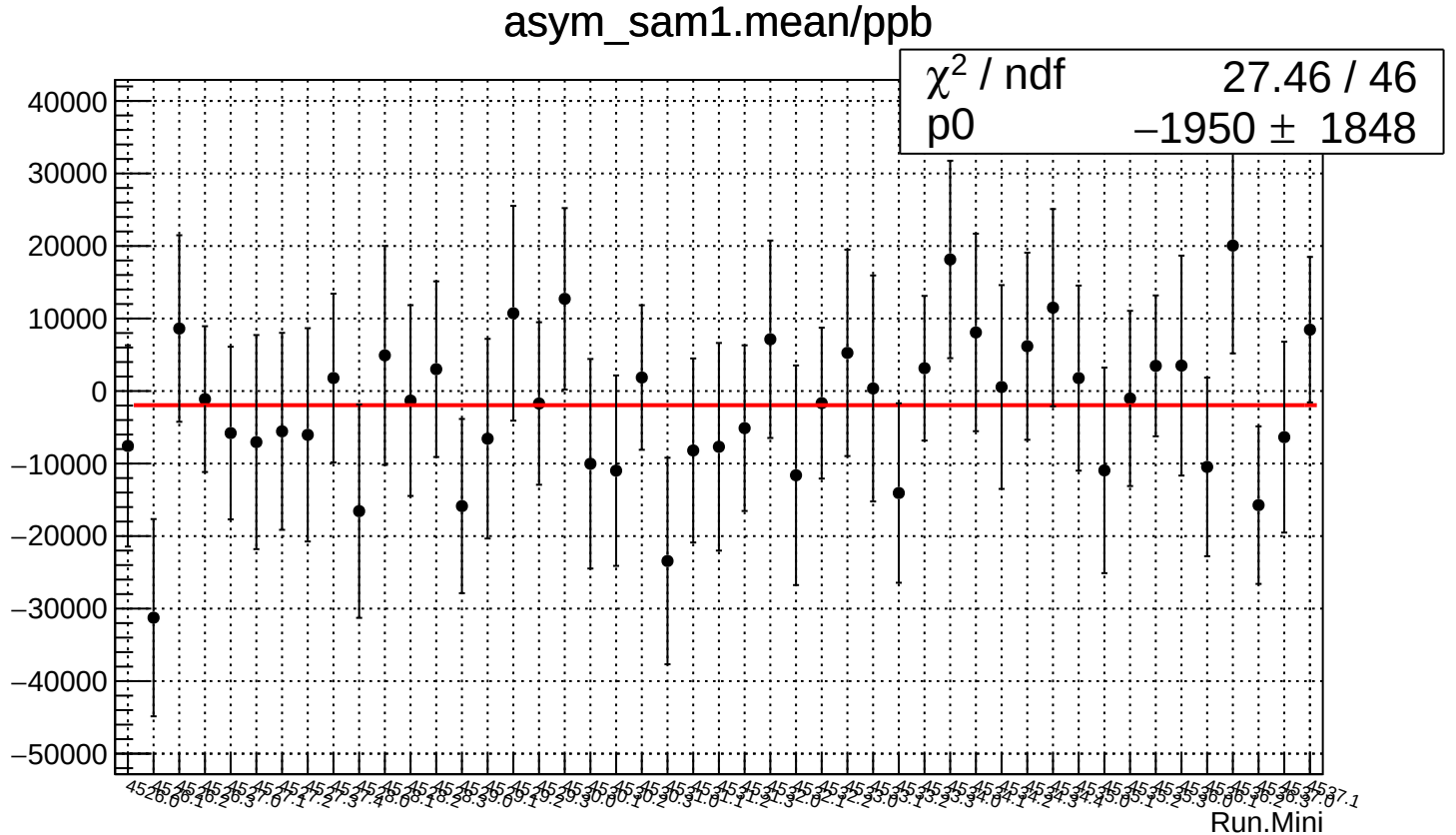

asym_left_dd.mean/ppb
χ² / ndf 30.82 / 46
p0 10.7 ± 58.11
1500
1000
500
0
−500
−1000
Run.Mini

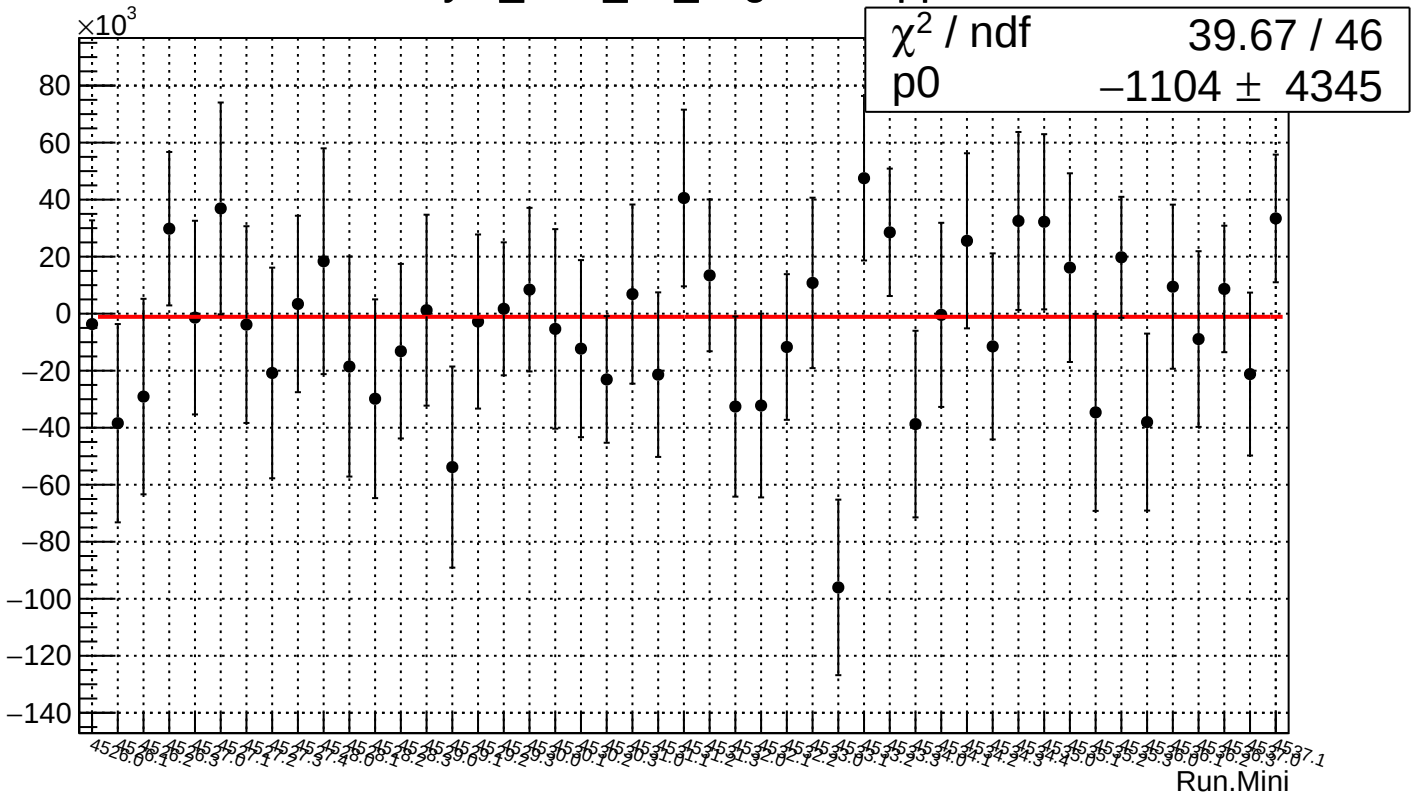

asym_right_avg.mean/ppb
χ² / ndf 36.92 / 46
p0 730.5 ± 757
15000
10000
5000
0
−5000
−10000
−15000
Run.Mini

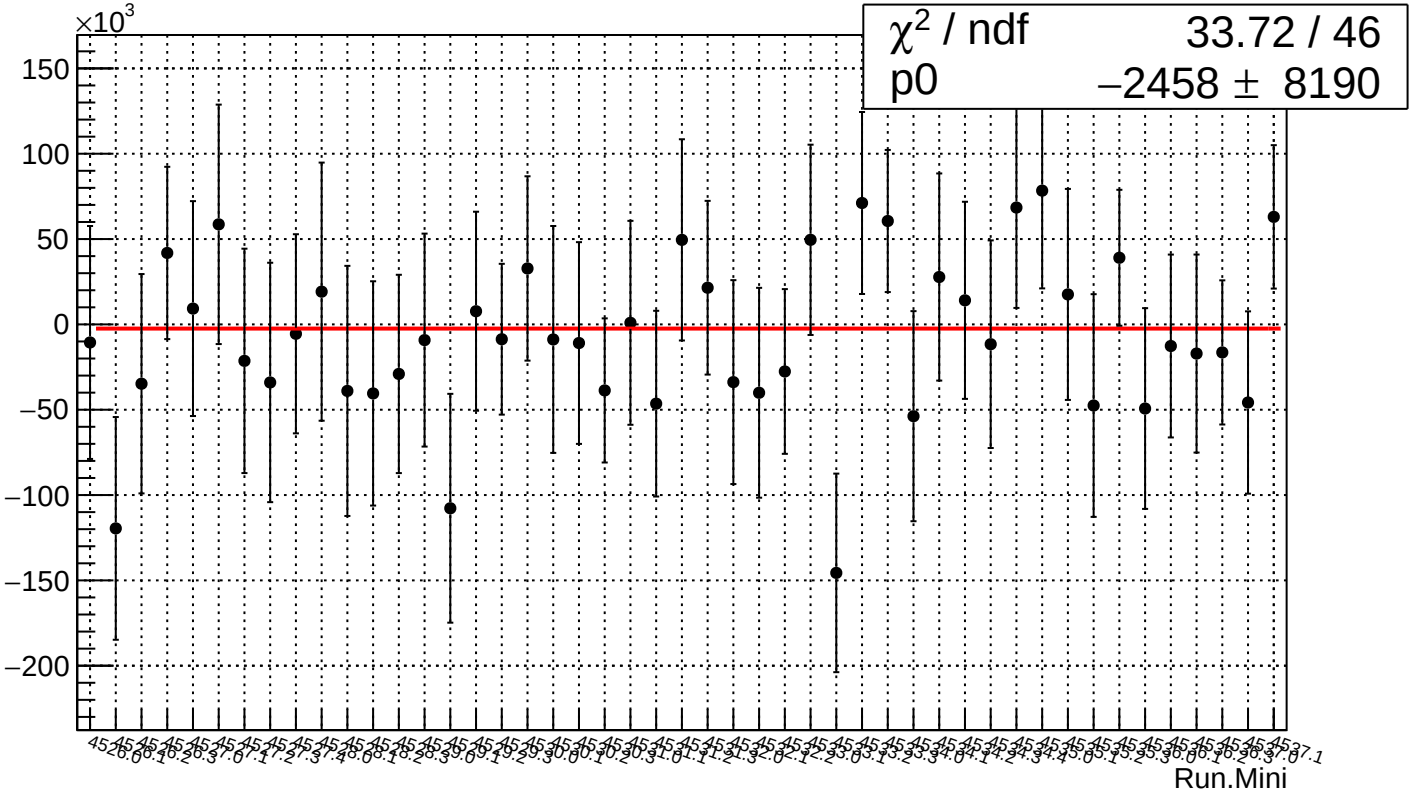

asym_right_dd.mean/ppb
χ² / ndf 30.28 / 46
p0 –20.65 ± 78.52
1500
1000
500
0
–500
–1000
–1500
Run.Mini

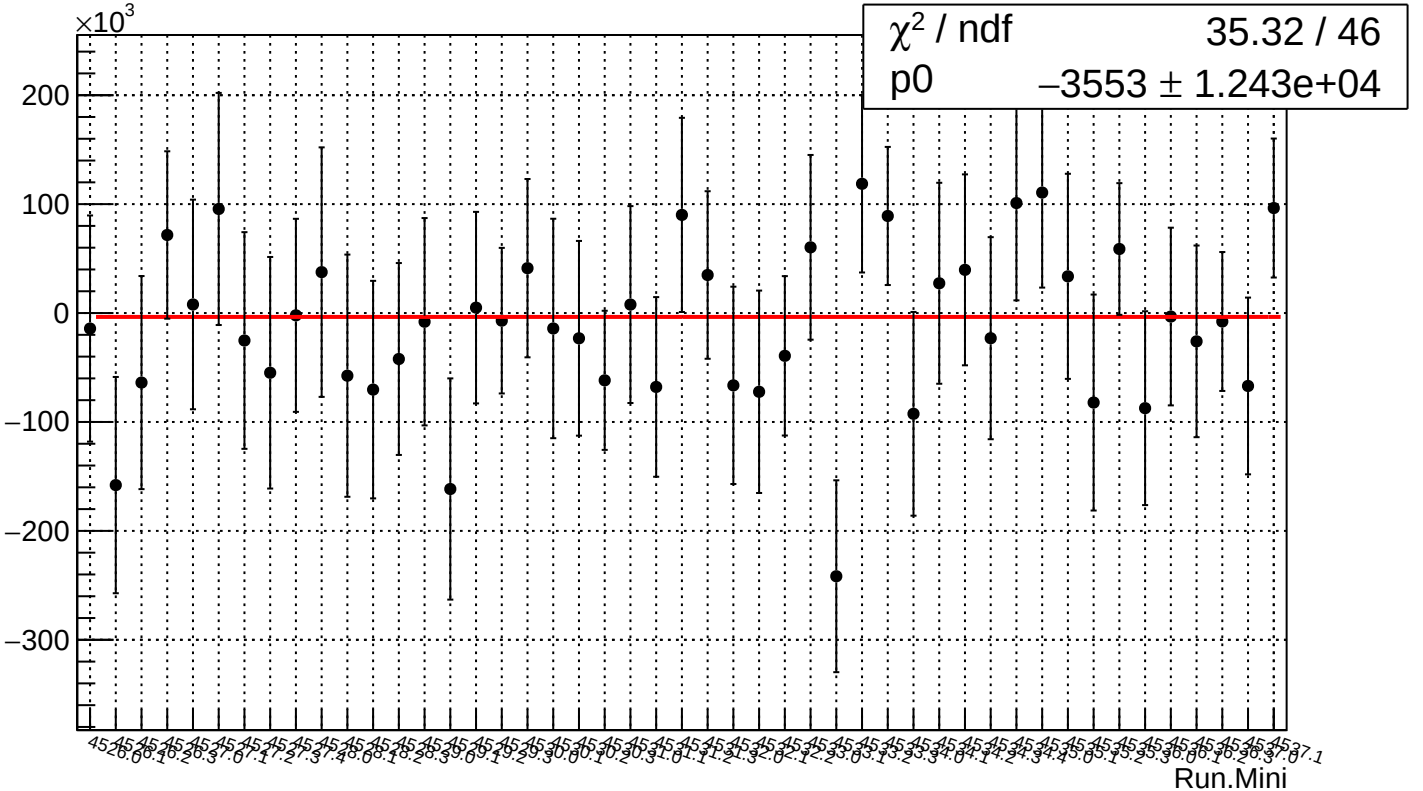

asym_sam_15_avg.mean/ppb
χ² / ndf 35.66 / 46
p0 −634.2 ± 242.3
4000
2000
0
−2000
−4000
−6000
Run.Mini

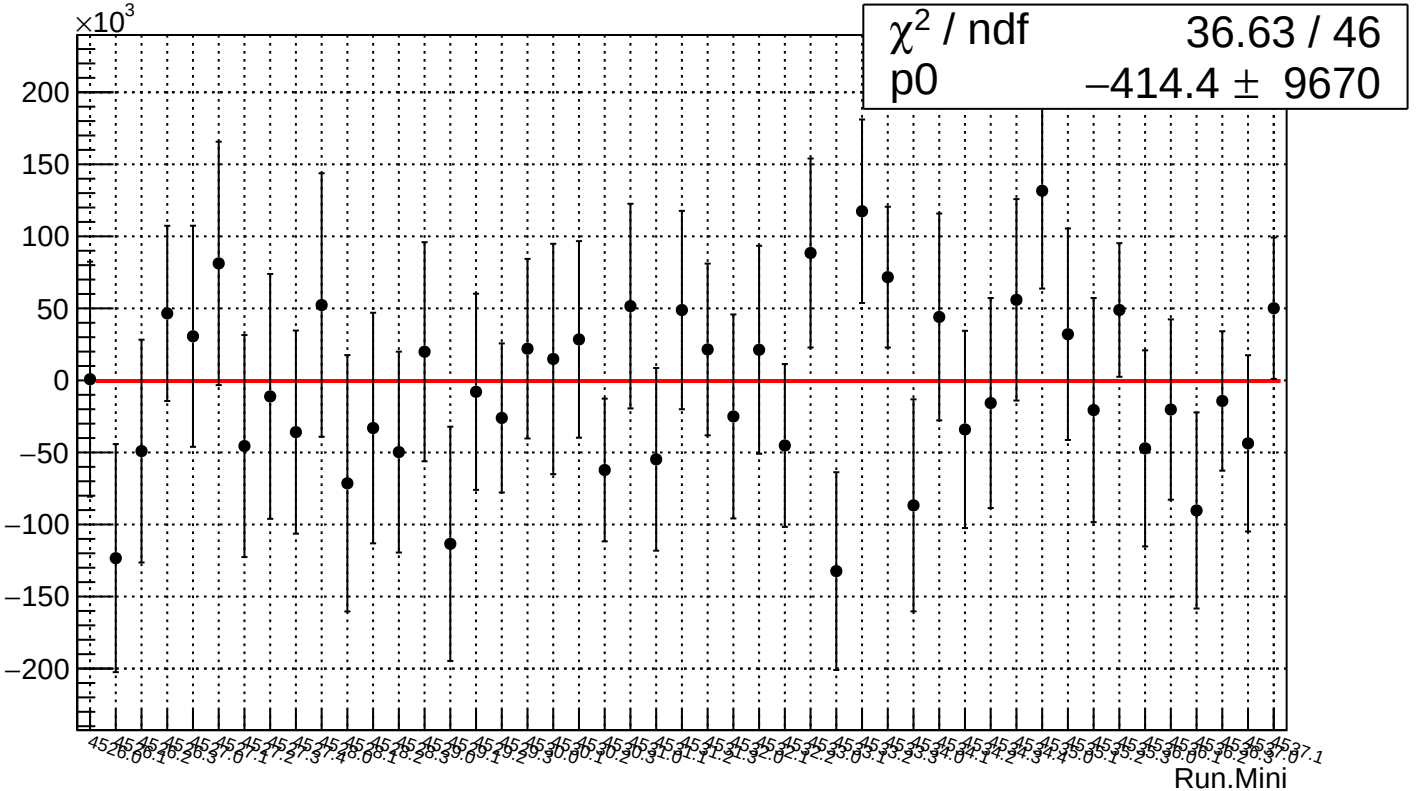

asym_sam_15_dd.mean/ppb
χ² / ndf 28.07 / 46
p0 −1364 ± 1982
40000
20000
0
−20000
−40000
Run.Mini

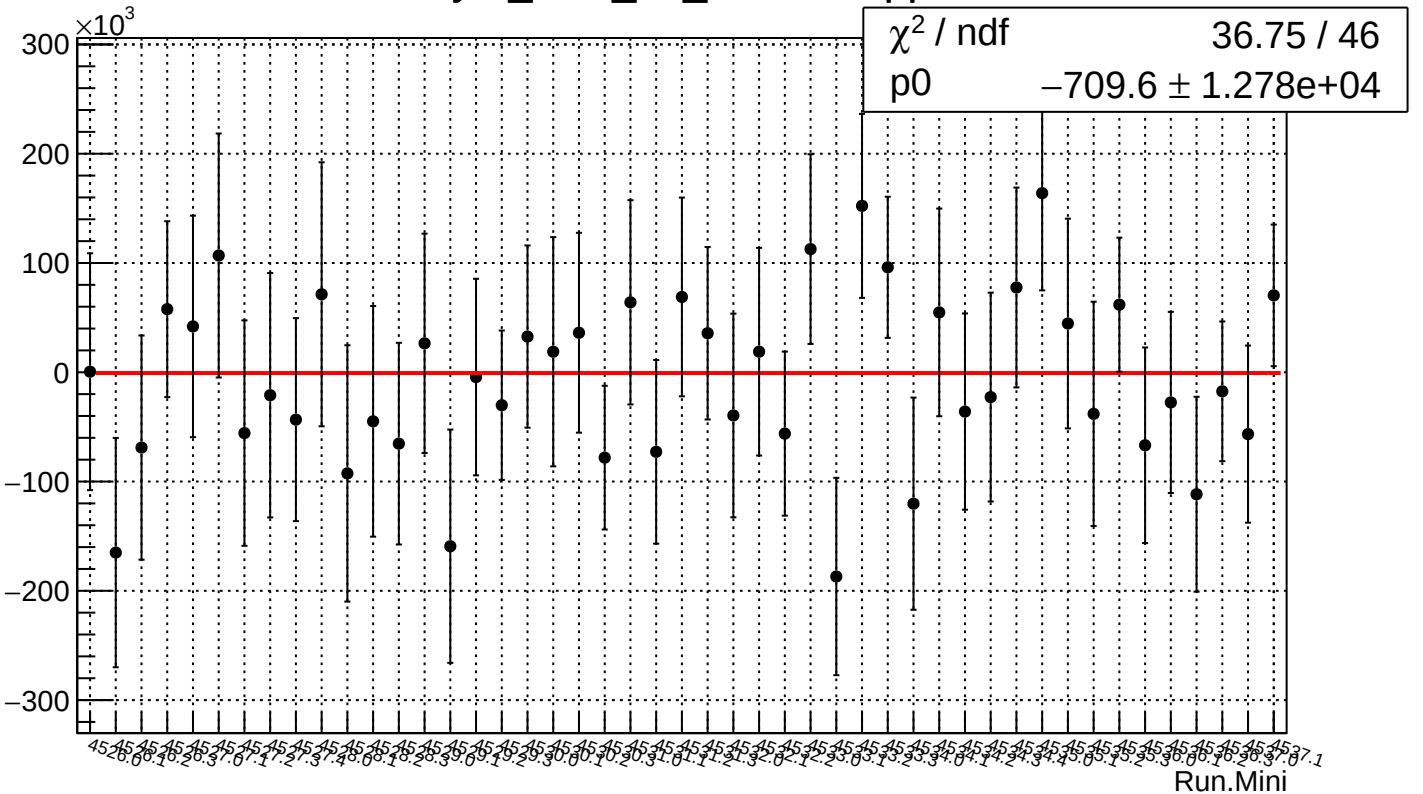

asym_sam1.mean/ppb
χ² / ndf 27.46 / 46
p0 −1950 ± 1848
40000
30000
20000
10000
0
−10000
−20000
−30000
−40000
−50000
Run.Mini

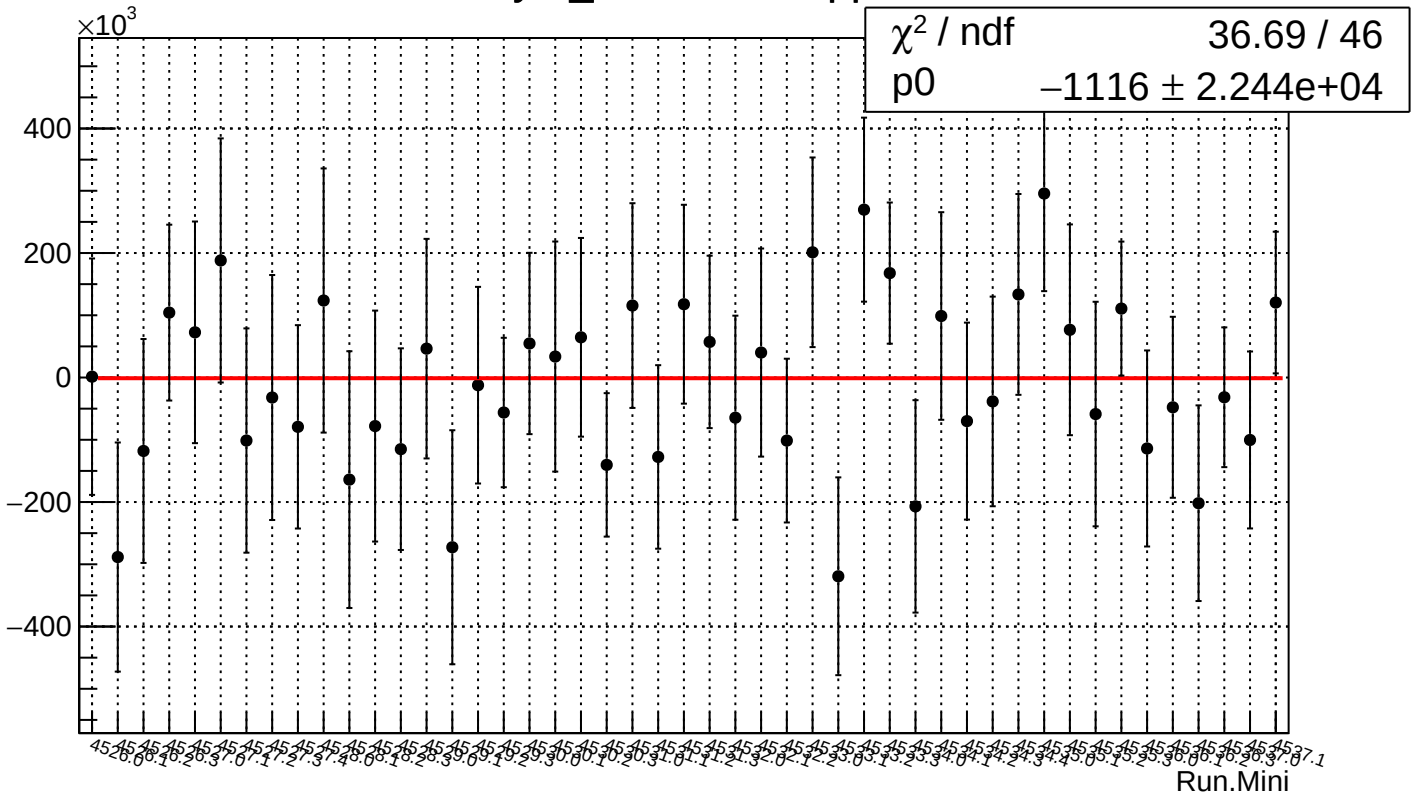

asym_sam_26_avg.mean/ppb
×10^3
χ^2 / ndf 39.67 / 46
p0 −1104 ± 4345
80
60
40
20
0
−20
−40
−60
−80
−100
−120
−140
Run.Mini

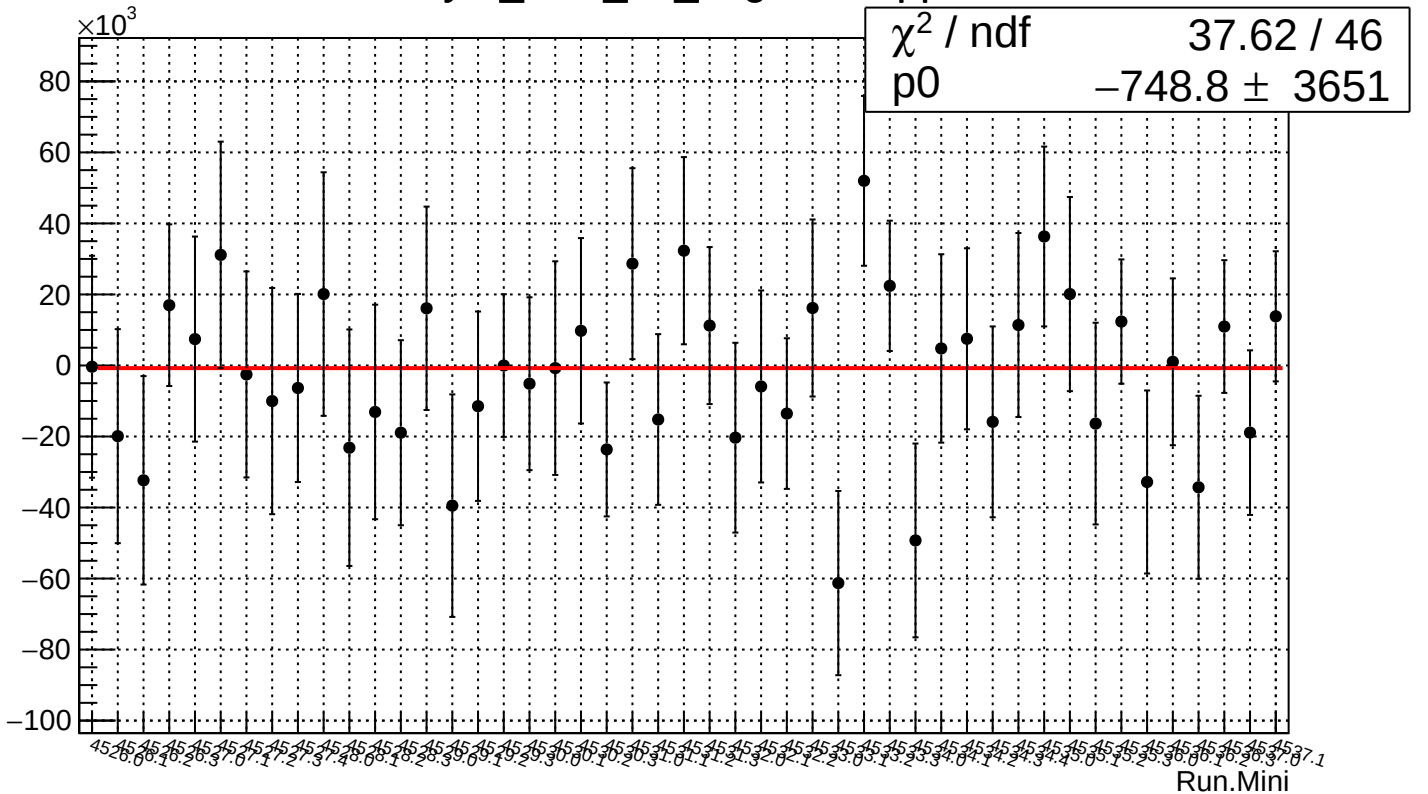

asym_sam_26_dd.mean/ppb
×10^3
χ^2 / ndf 33.72 / 46
p0 −2458 ± 8190
150
100
50
0
−50
−100
−150
−200
Run.Mini

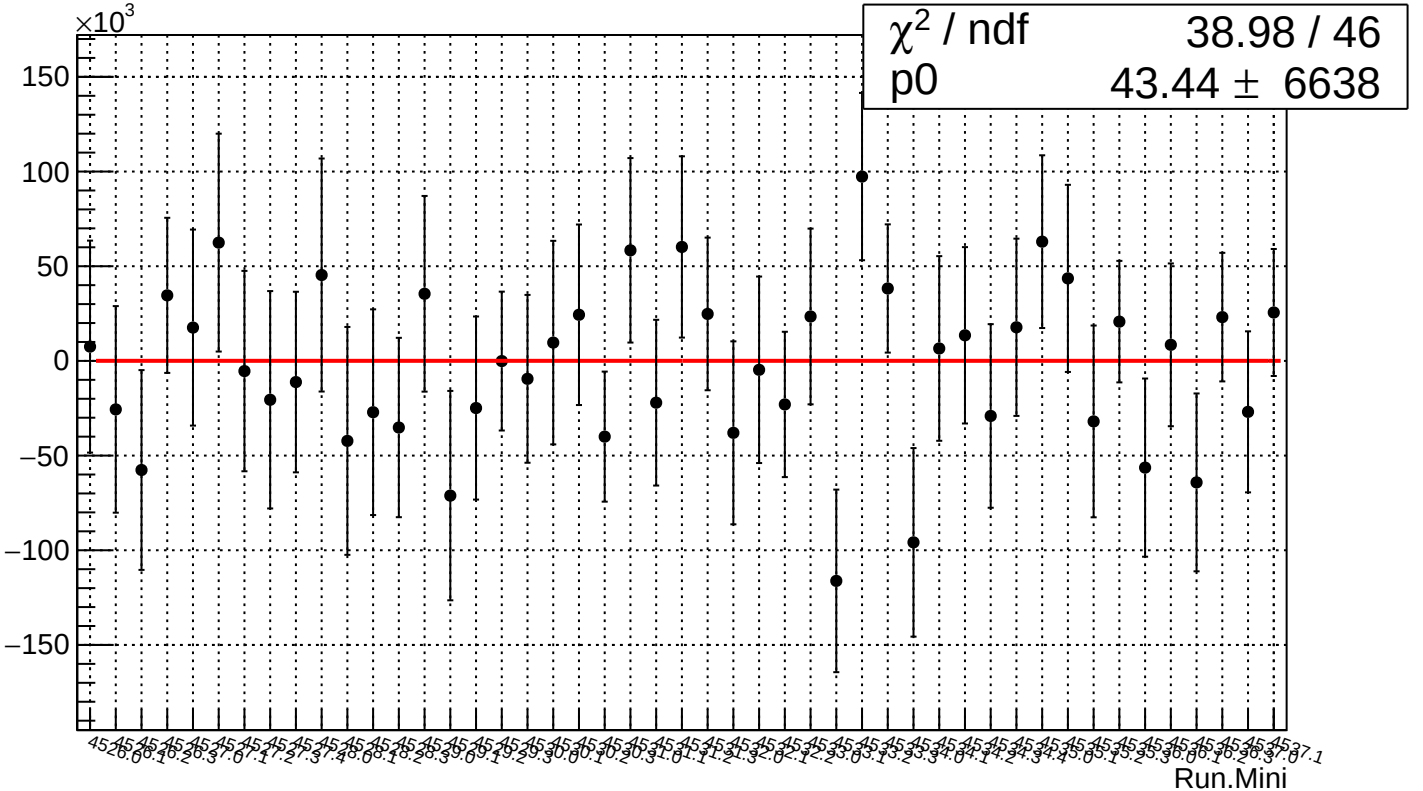

asym_sam2.mean/ppb
×10^3
χ^2 / ndf 35.32 / 46
p0 −3553 ± 1.243e+04
200
100
0
−100
−200
−300
Run.Mini

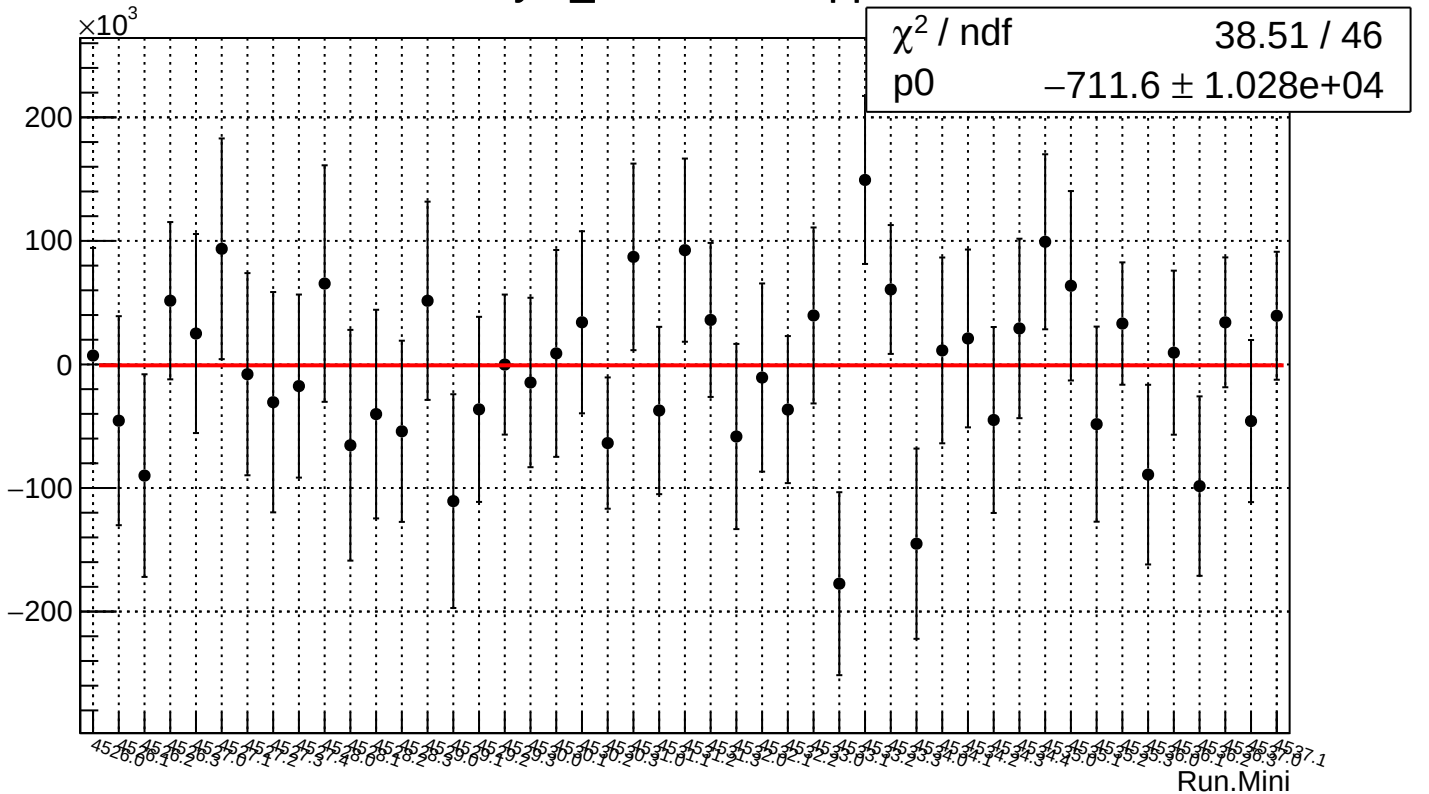

asym_sam_37_avg.mean/ppb
×10^3
χ^2 / ndf 36.63 / 46
p0 −414.4 ± 9670
200
150
100
50
0
−50
−100
−150
−200
Run.Mini

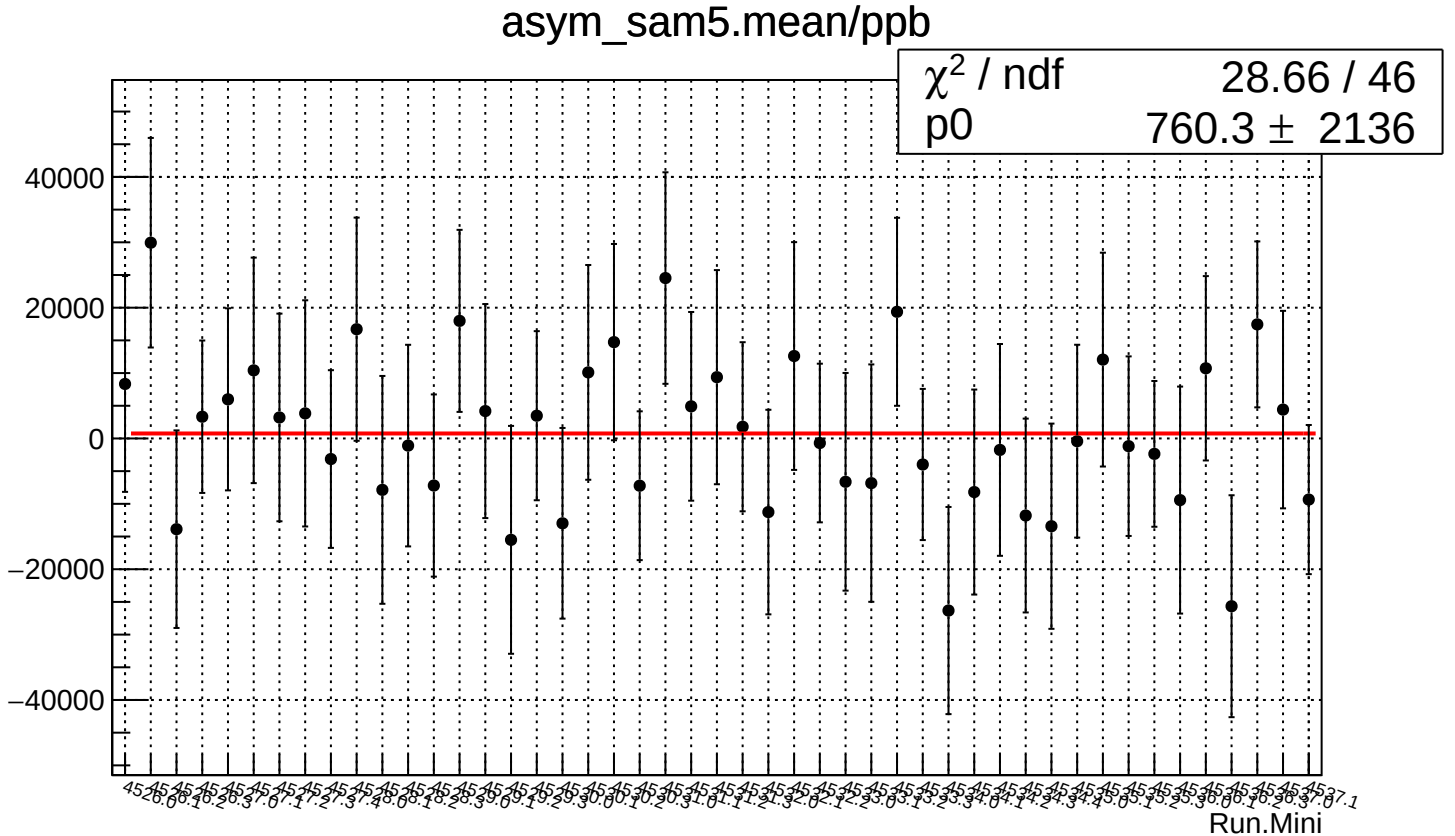

asym_sam_37_dd.mean/ppb
×10^3
300
200
100
0
−100
−200
−300
χ² / ndf 36.75 / 46
p0 −709.6 ± 1.278e+04
Run.Mini

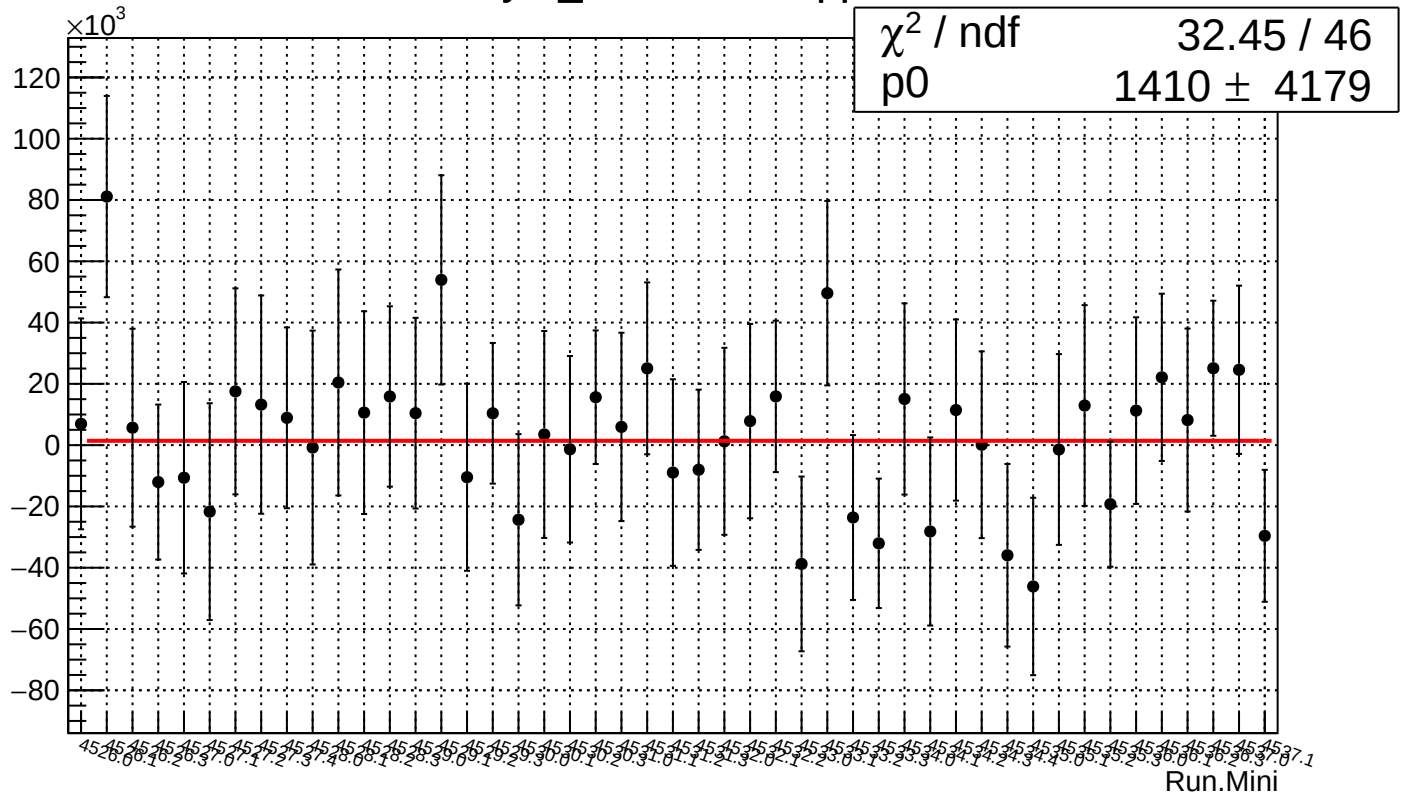

asym_sam3.mean/ppb
×10^3
400
200
0
−200
−400
χ² / ndf 36.69 / 46
p0 −1116 ± 2.244e+04
Run.Mini

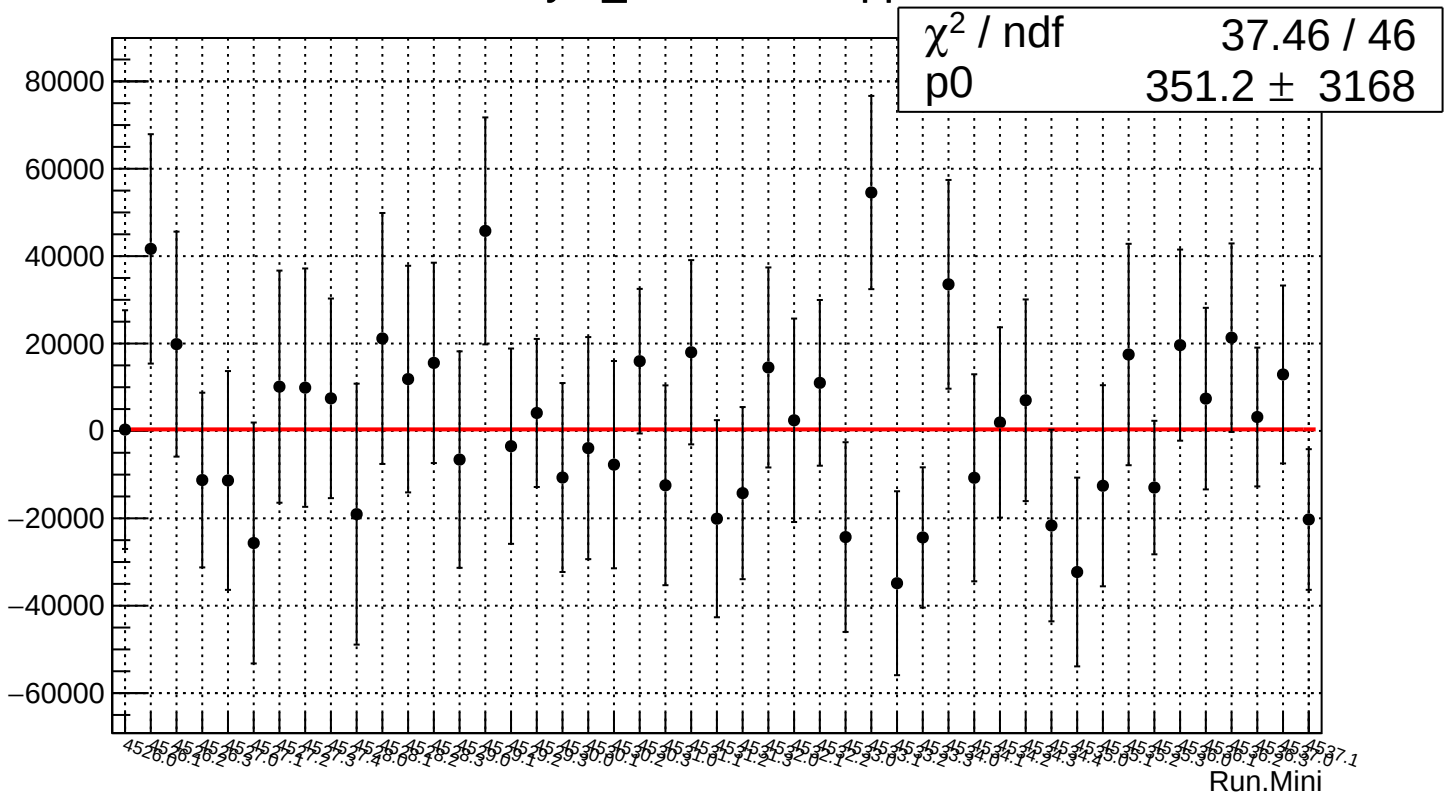

asym_sam_48_avg.mean/ppb
×10^3
χ^2 / ndf 37.62 / 46
p0 −748.8 ± 3651
80
60
40
20
0
−20
−40
−60
−80
−100
Run.Mini

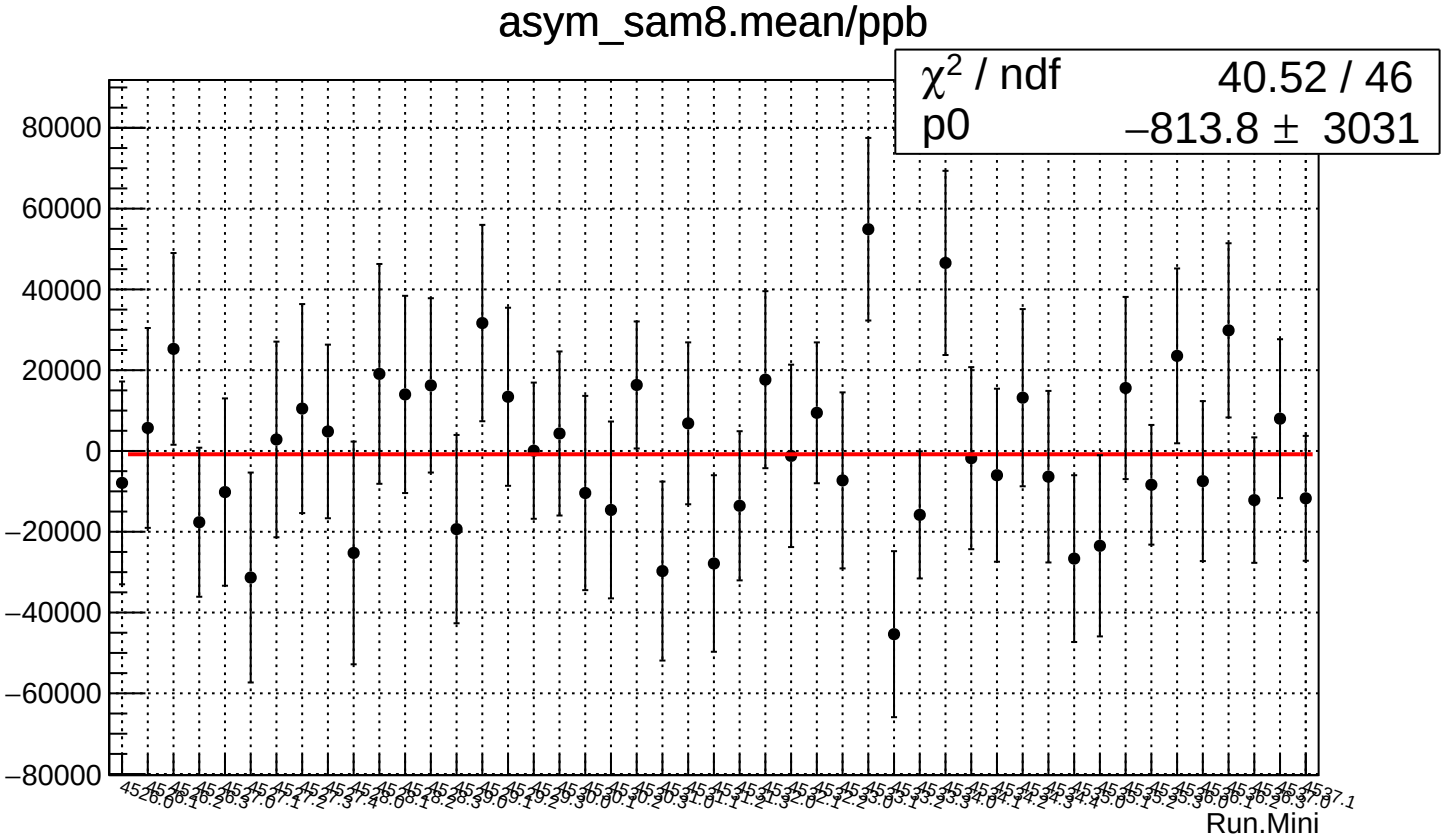

asym_sam_48_dd.mean/ppb
×10^3
χ^2 / ndf 38.98 / 46
p0 43.44 ± 6638
150
100
50
0
−50
−100
−150
Run.Mini

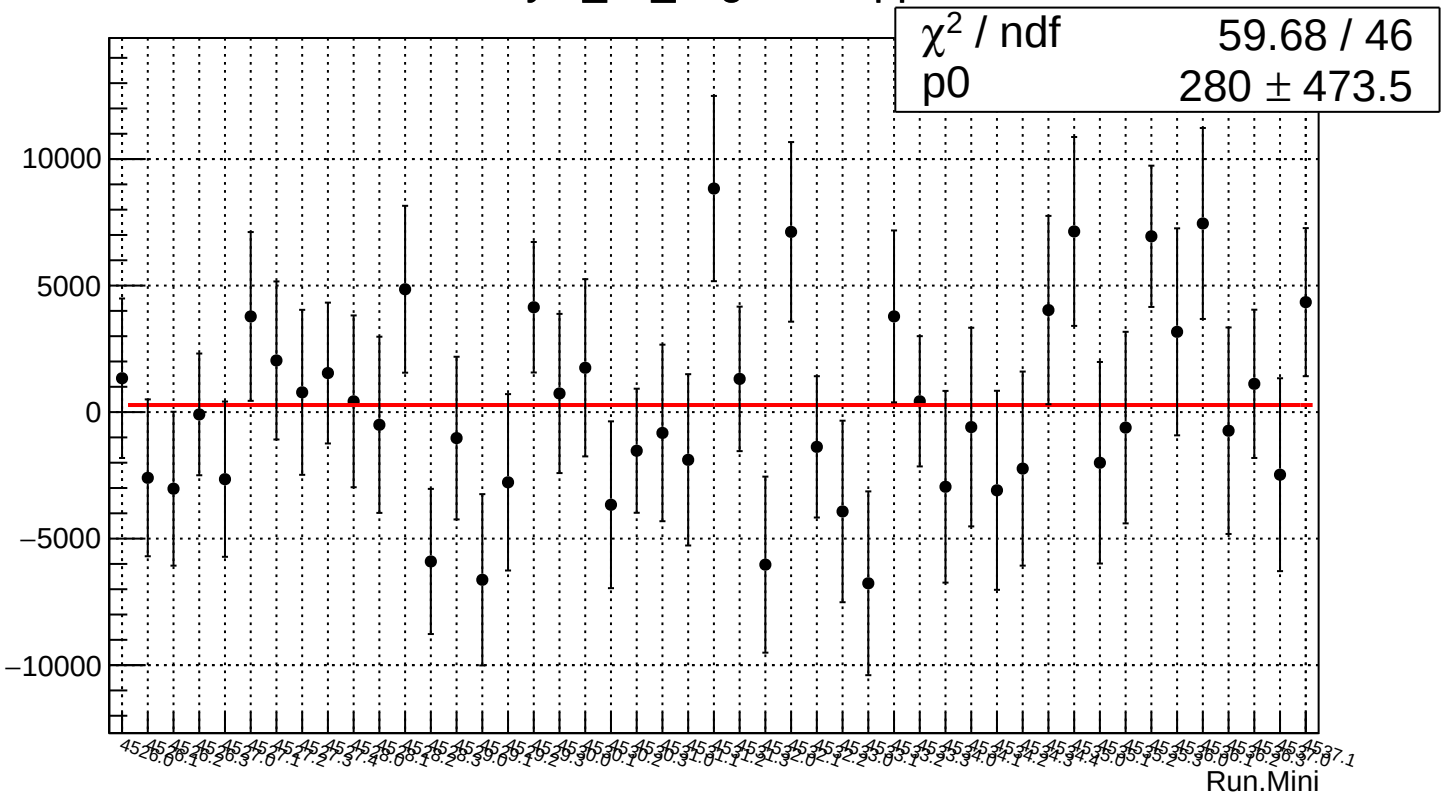

asym_sam4.mean/ppb
×10^3
χ^2 / ndf 38.51 / 46
p0 −711.6 ± 1.028e+04
200
100
0
−100
−200
Run.Mini

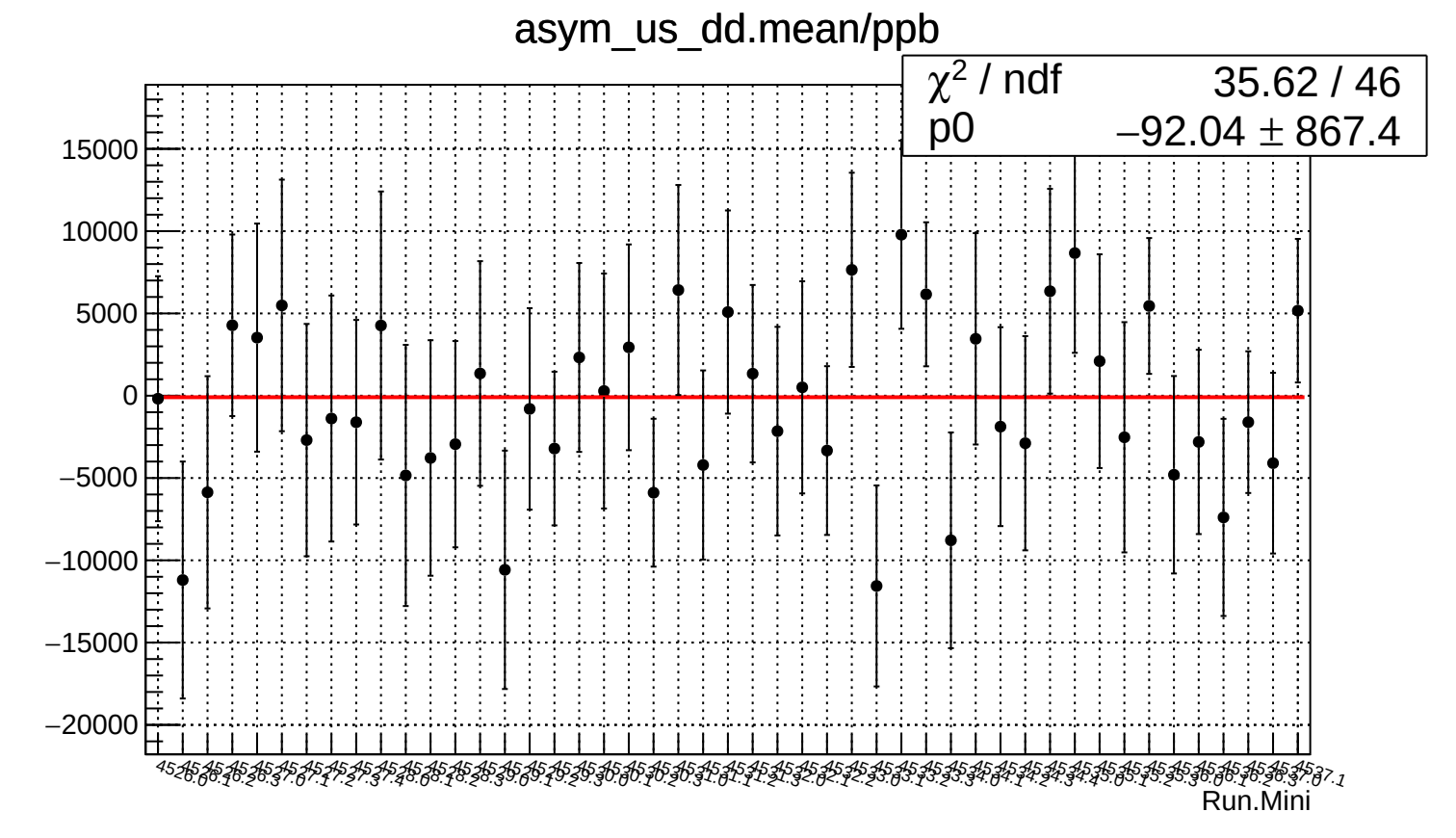

asym_sam5.mean/ppb
χ² / ndf 28.66 / 46
p0 760.3 ± 2136
40000
20000
0
−20000
−40000
Run.Mini

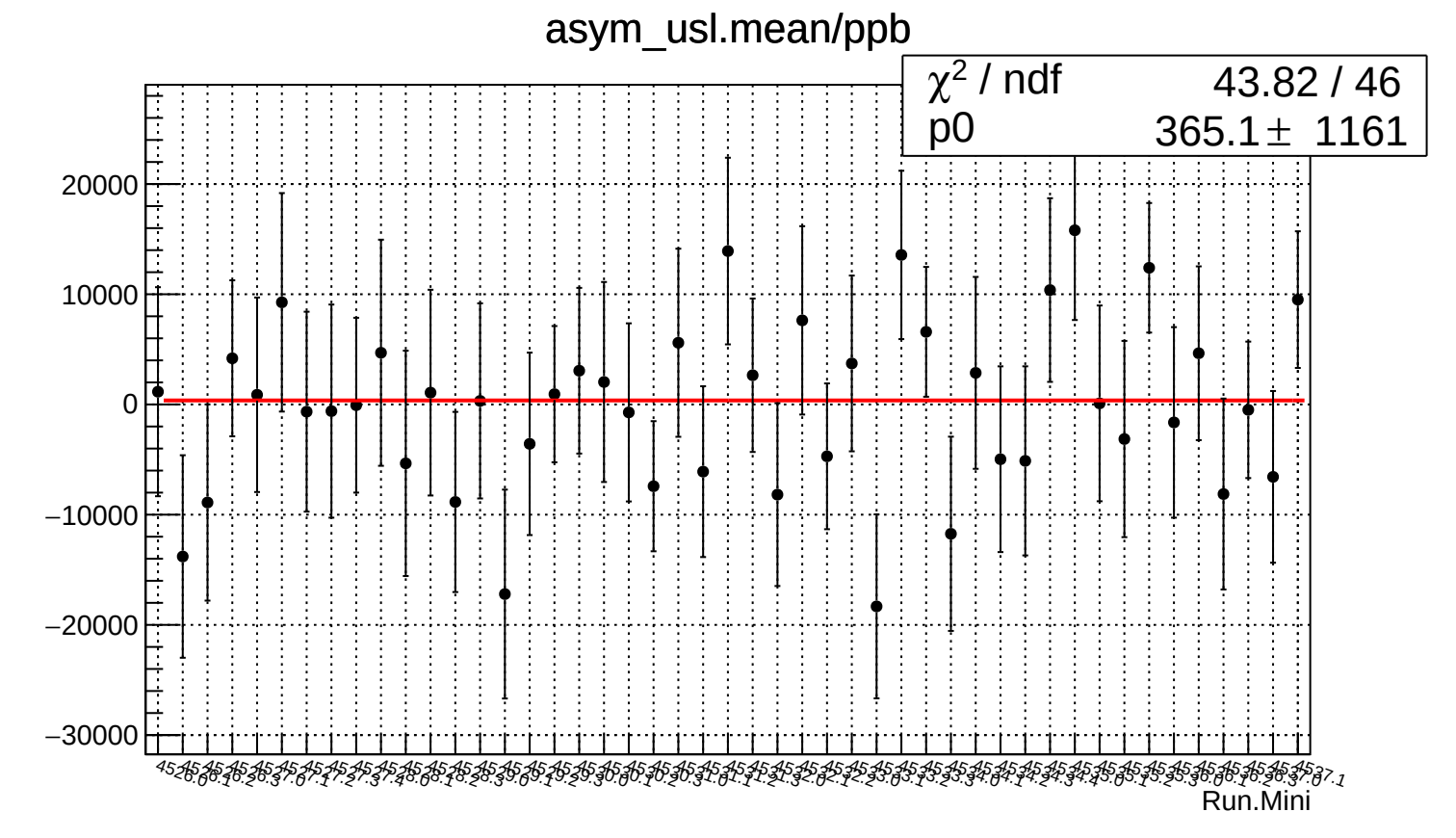

asym_sam6.mean/ppb
×10^3
χ^2 / ndf 32.45 / 46
p0 1410 ± 4179
120
100
80
60
40
20
0
−20
−40
−60
−80
Run.Mini

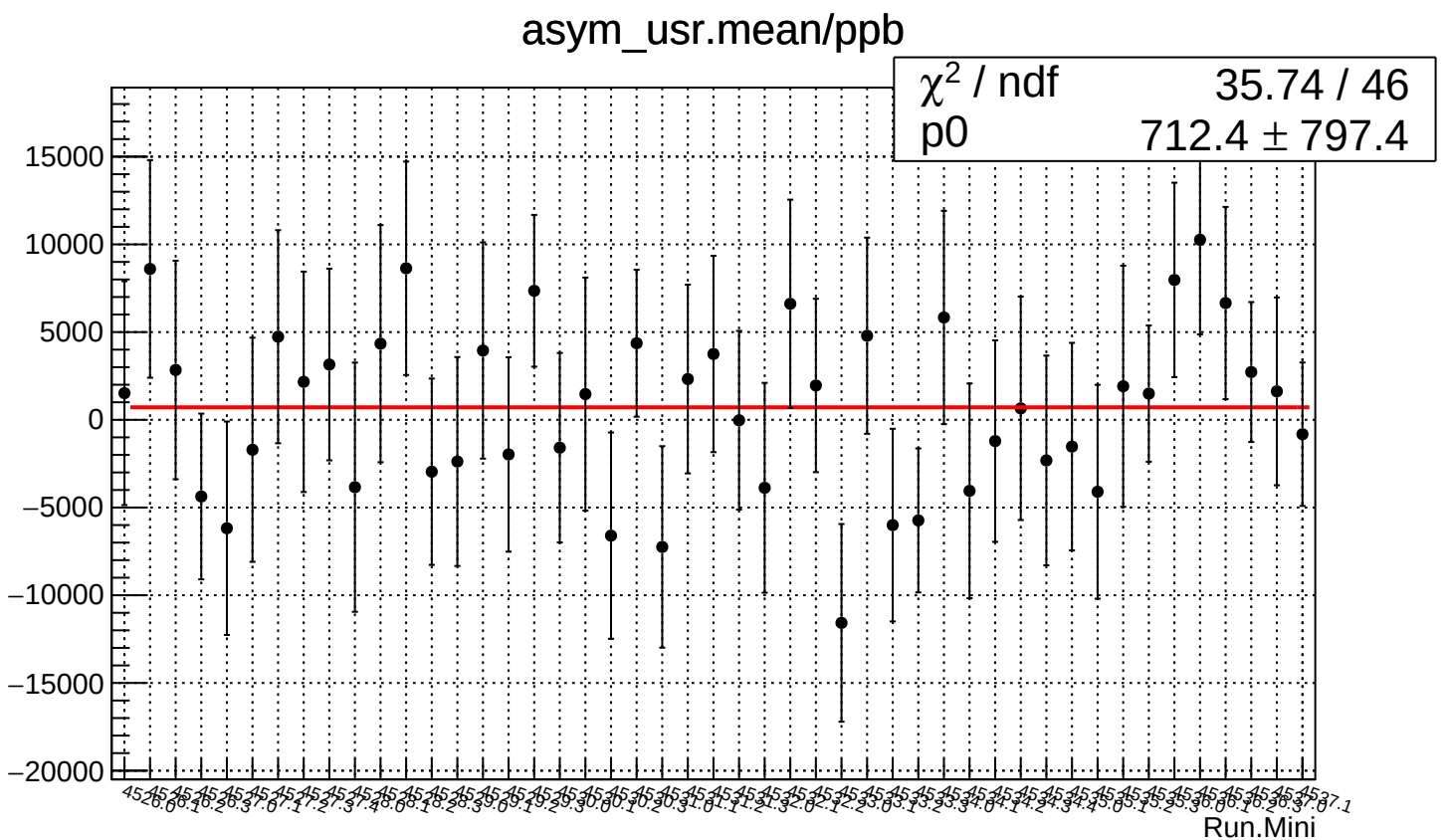

asym_sam7.mean/ppb
χ² / ndf 37.46 / 46
p0 351.2 ± 3168
80000
60000
40000
20000
0
−20000
−40000
−60000
Run.Mini

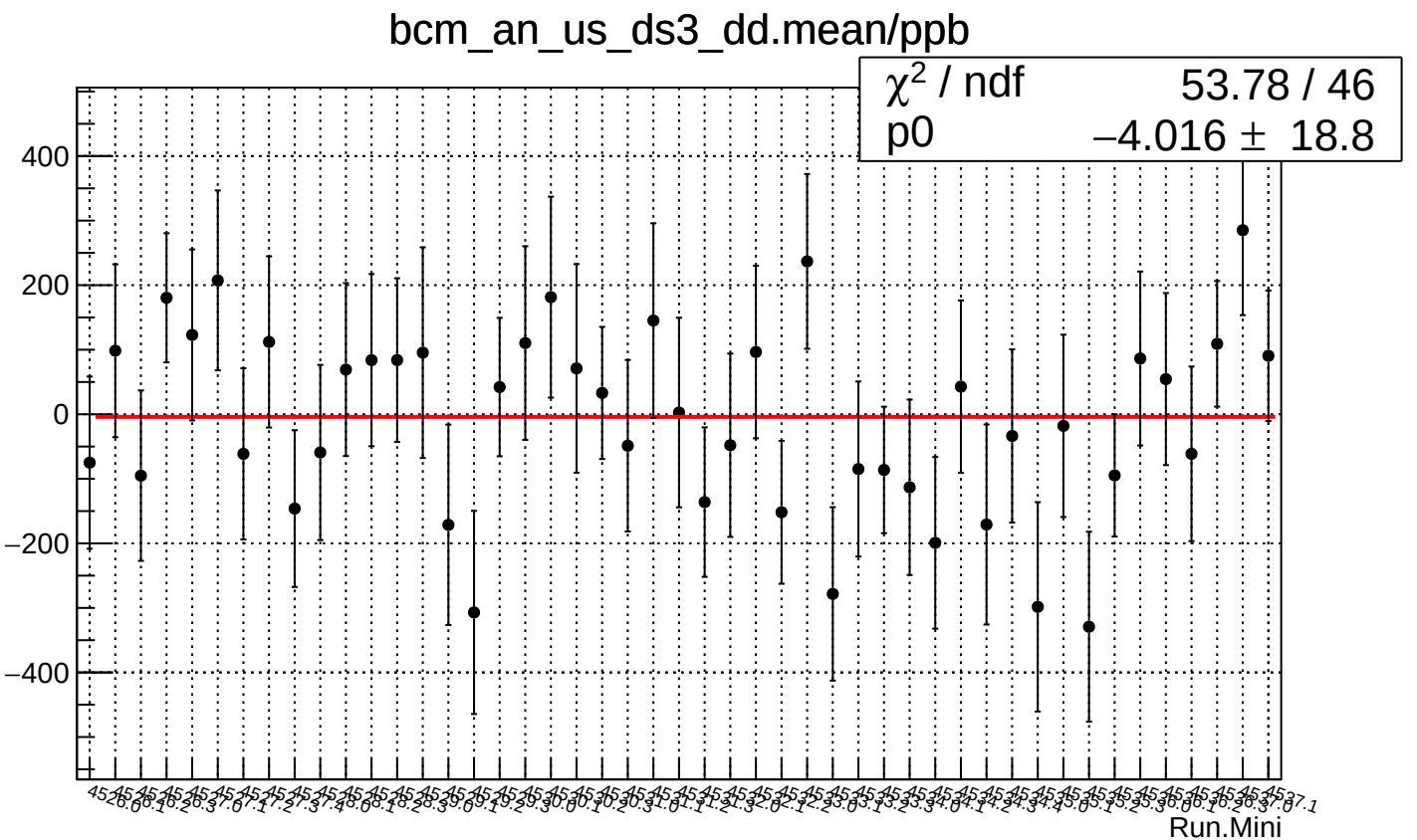

asym_sam8.mean/ppb
χ² / ndf 40.52 / 46
p0 –813.8 ± 3031
80000
60000
40000
20000
0
–20000
–40000
–60000
–80000
Run.Mini

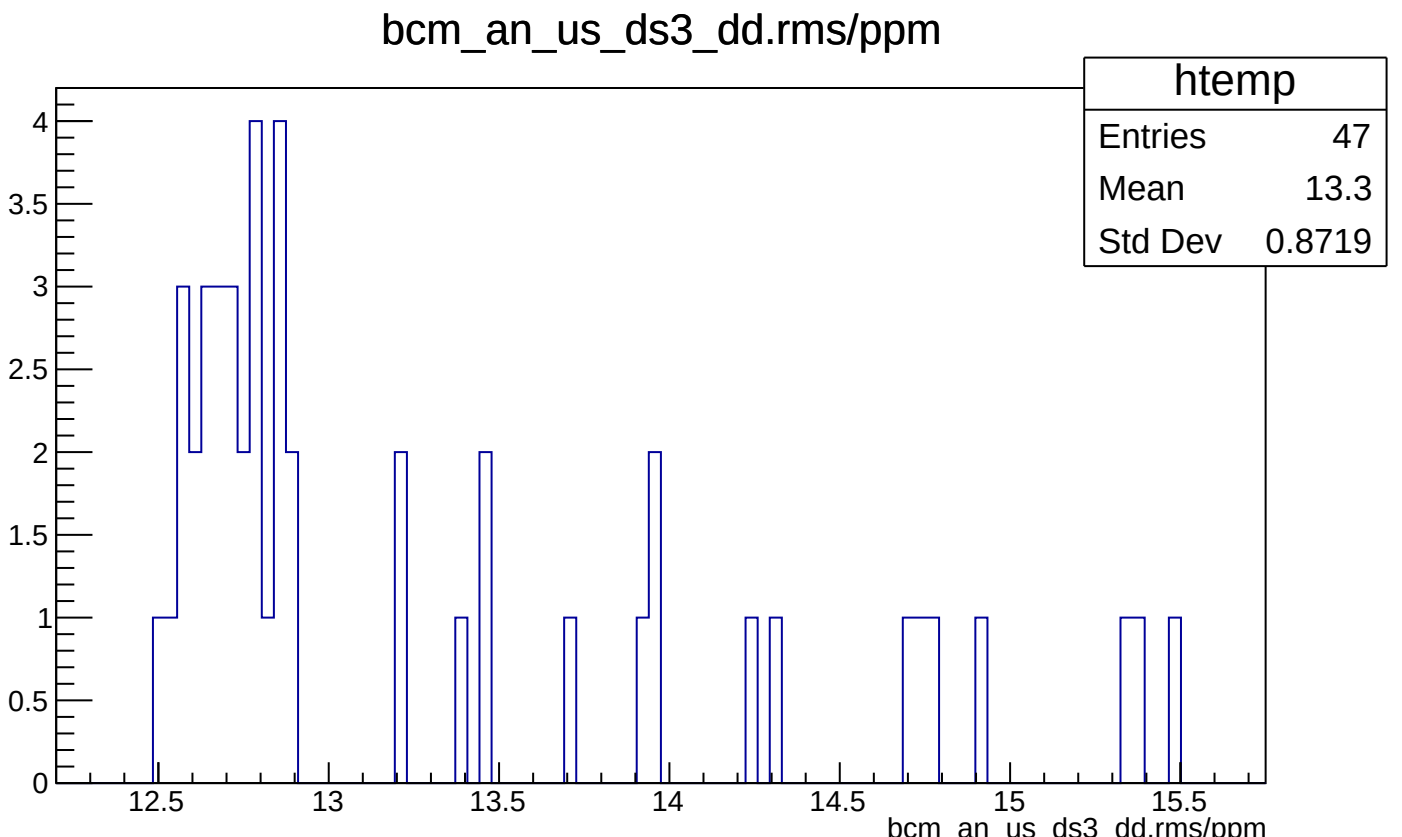

asym_us_avg.mean/ppb
χ² / ndf 59.68 / 46
p0 280 ± 473.5
10000
5000
0
−5000
−10000
Run.Mini

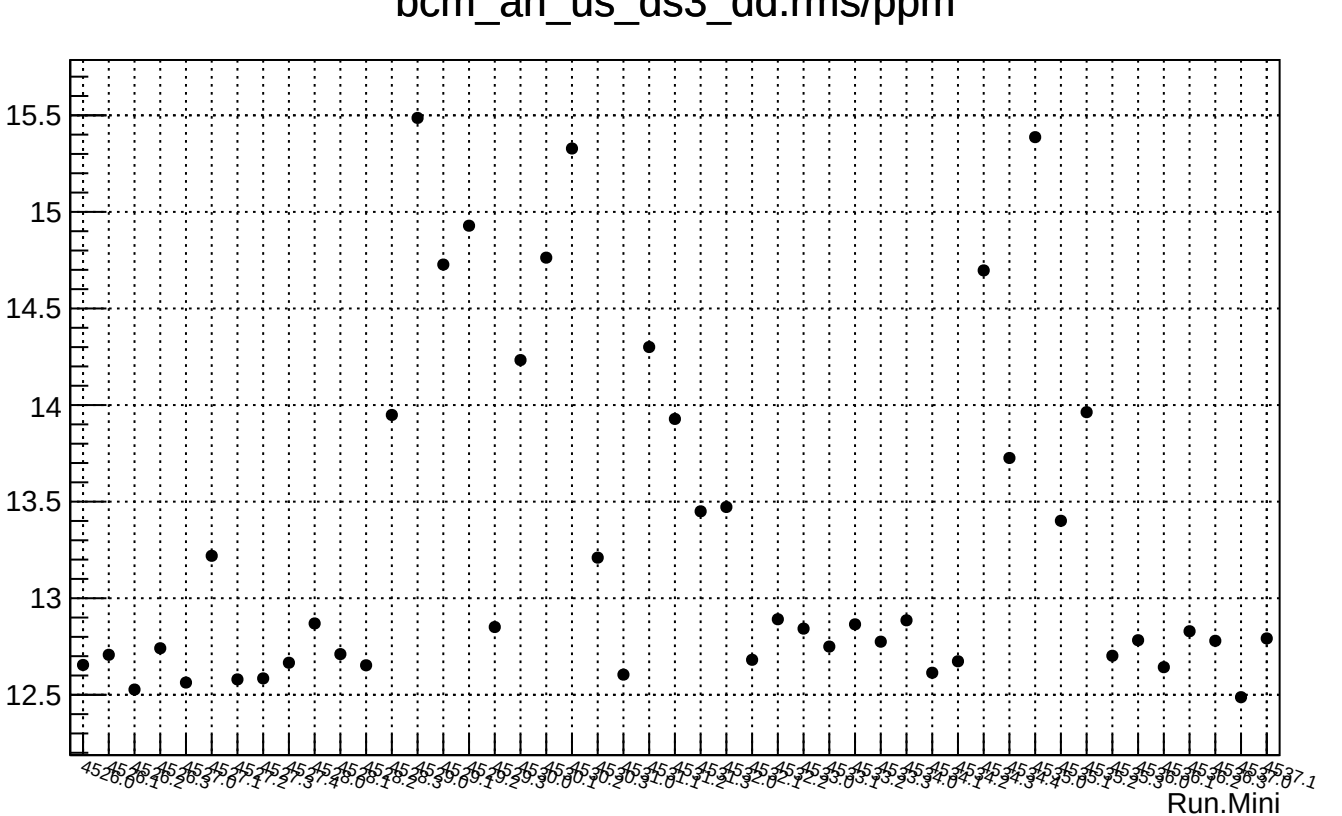

asym_us_dd.mean/ppb
χ² / ndf 35.62 / 46
p0 −92.04 ± 867.4
15000
10000
5000
0
−5000
−10000
−15000
−20000
Run.Mini

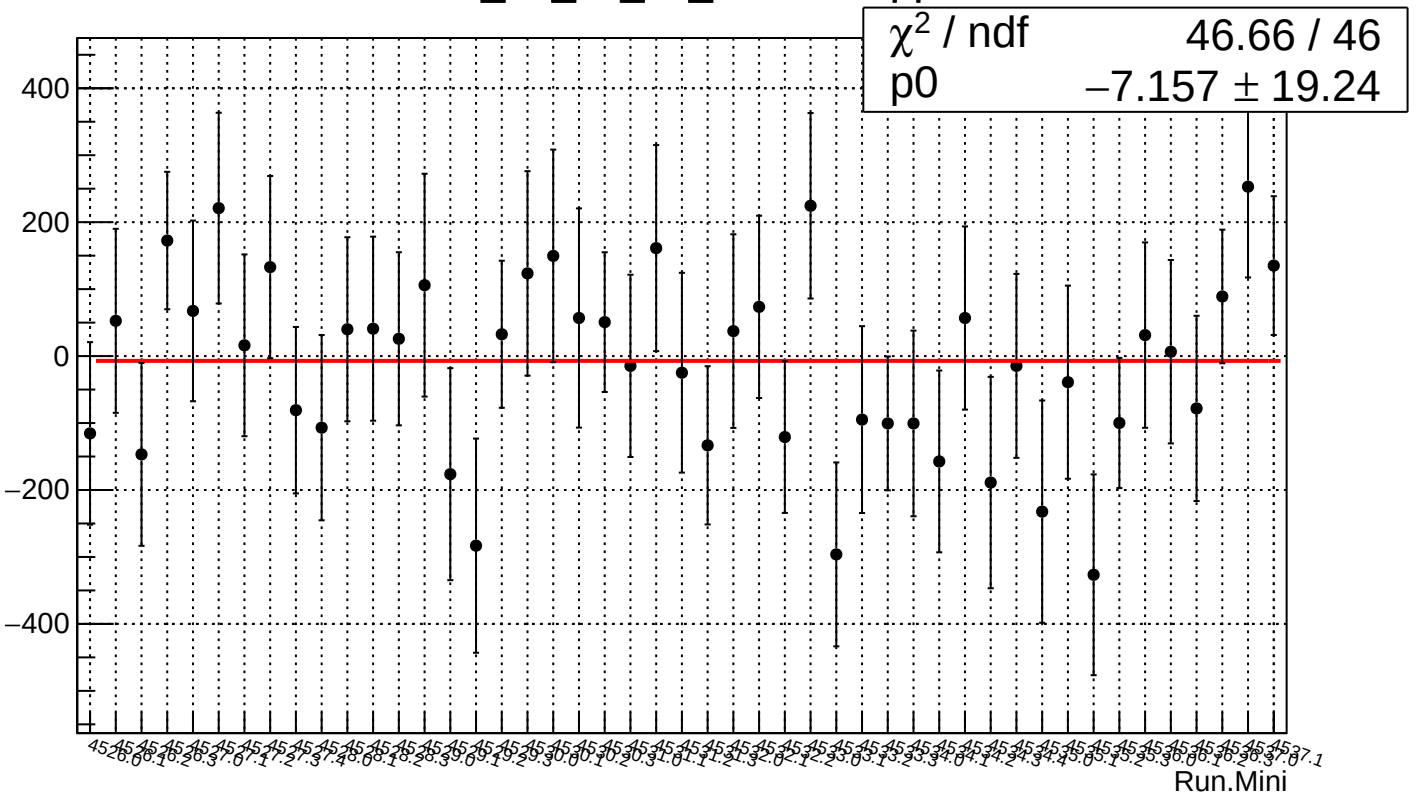

asym_usl.mean/ppb
χ² / ndf 43.82 / 46
p0 365.1 ± 1161
20000
10000
0
−10000
−20000
−30000
Run.Mini

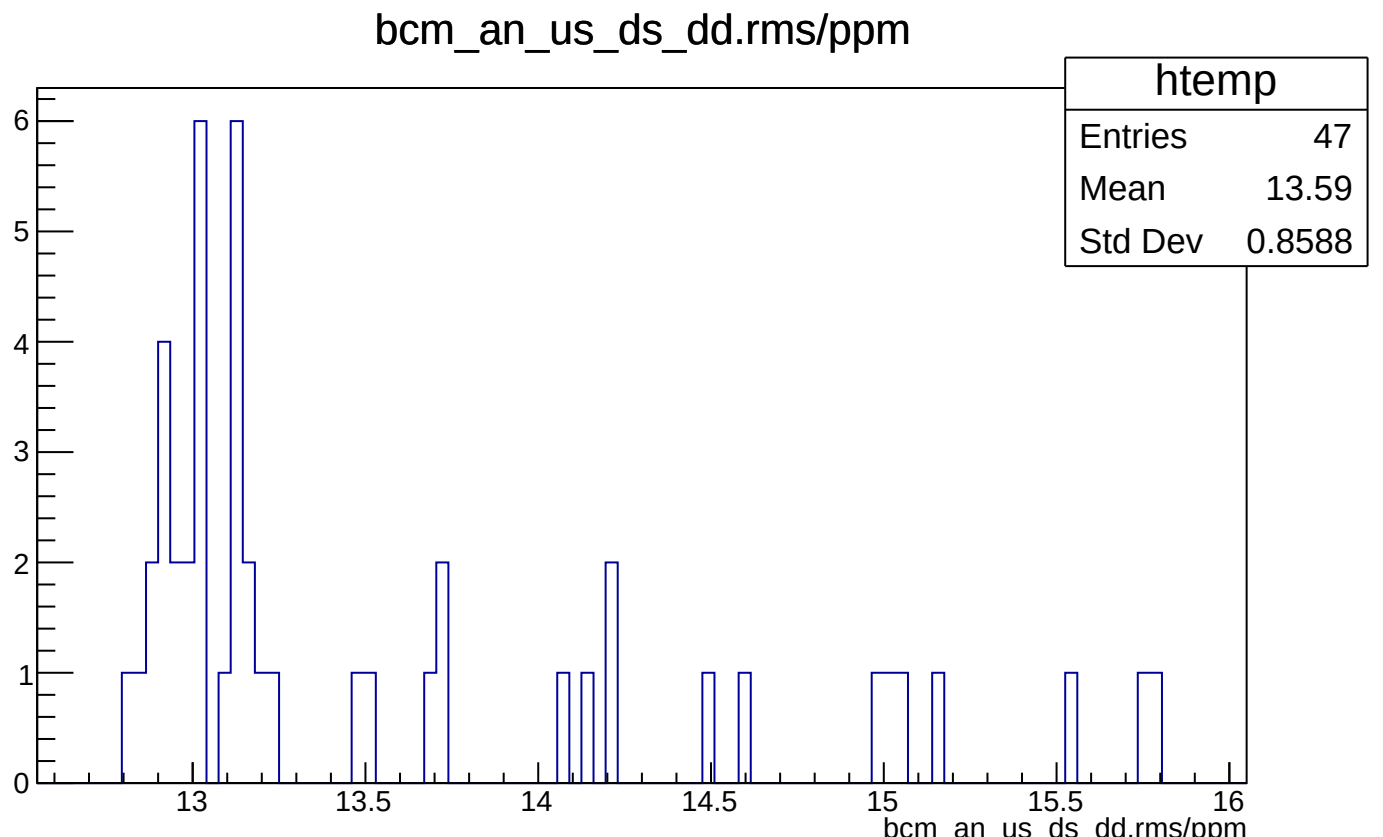

asym_usr.mean/ppb
χ² / ndf 35.74 / 46
p0 712.4 ± 797.4
15000
10000
5000
0
−5000
−10000
−15000
−20000
Run.Mini

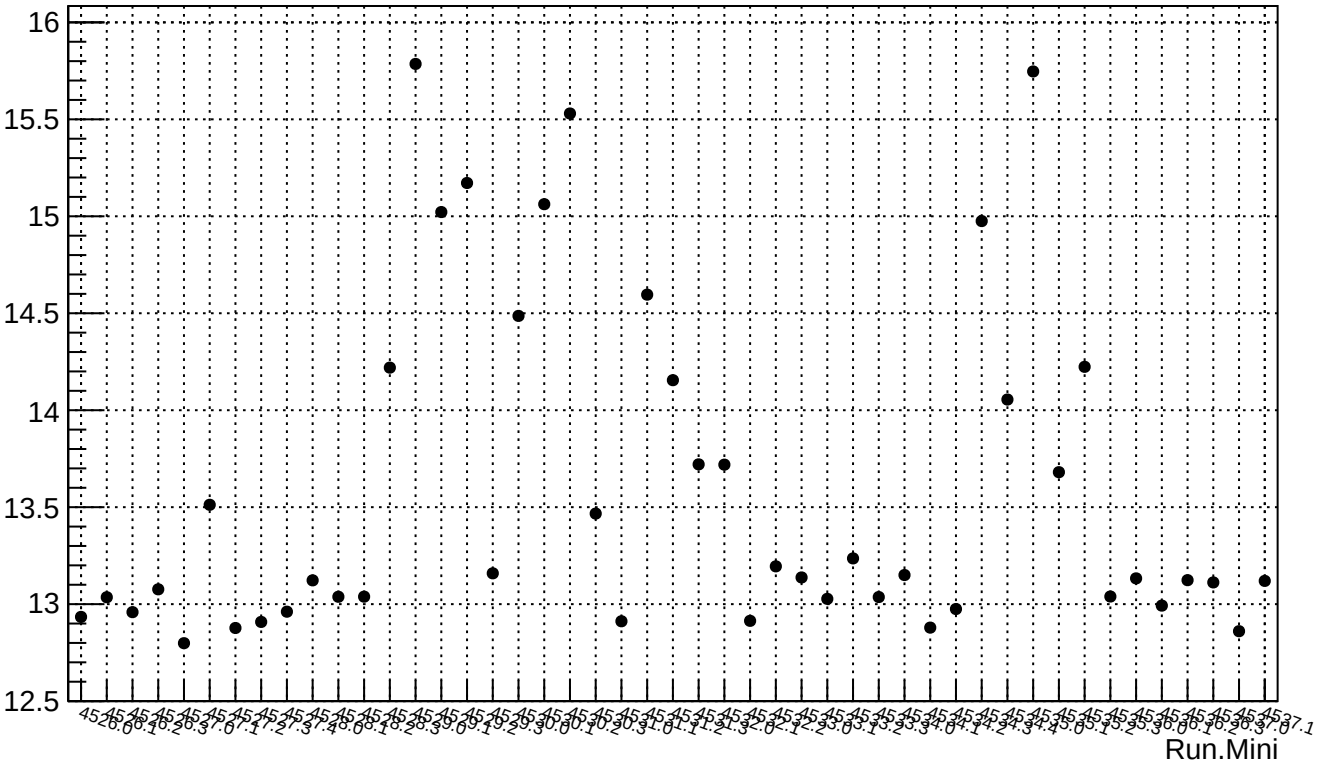

bcm_an_us_ds3_dd.mean/ppb
χ² / ndf 53.78 / 46
p0 −4.016 ± 18.8
400
200
0
−200
−400
Run.Mini

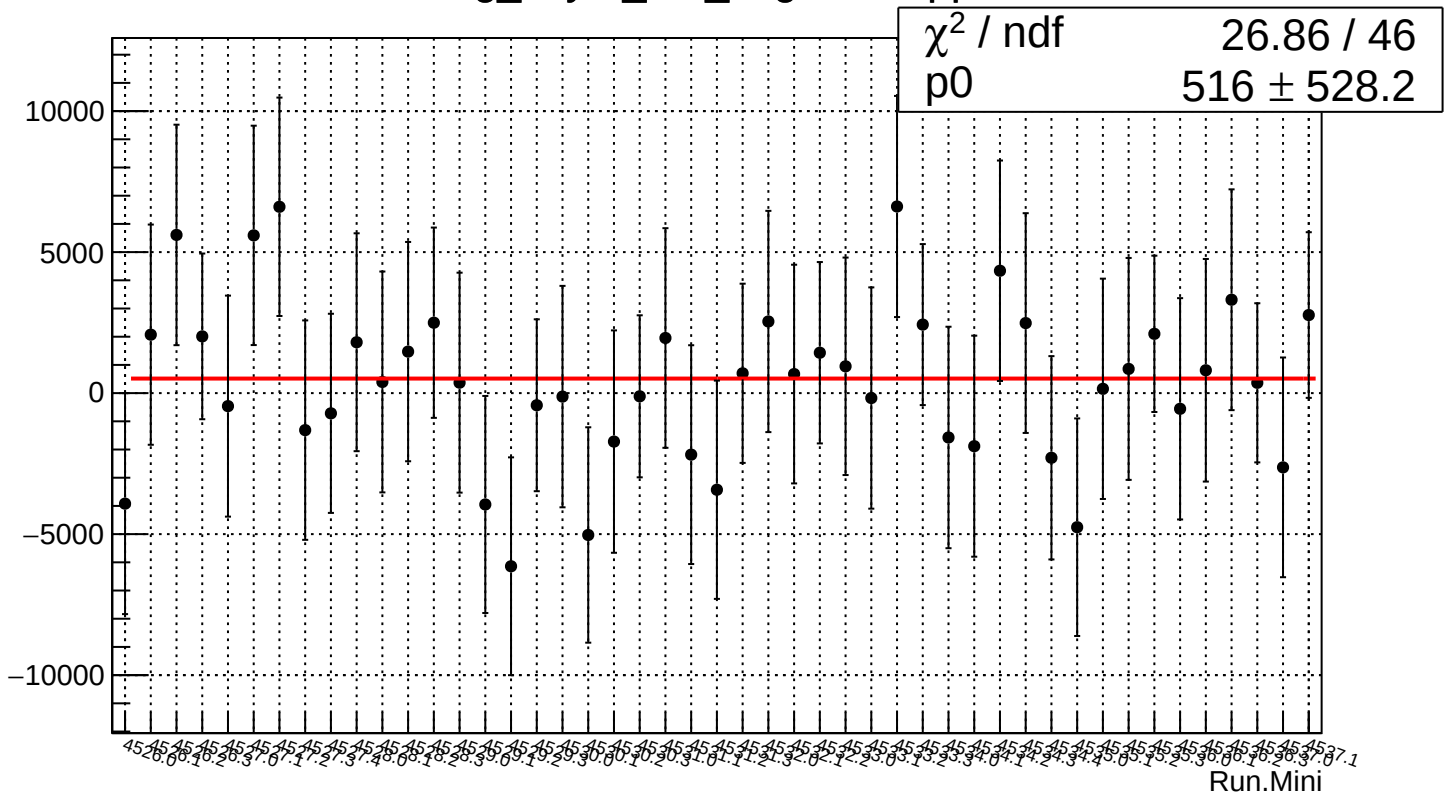

bcm_an_us_ds3_dd.rms/ppm
htemp
Entries 47
Mean 13.3
Std Dev 0.8719
4
3.5
3
2.5
2
1.5
1
0.5
0
12.5
13
13.5
14
14.5
15
15.5
bcm_an_us_ds3_dd.rms/ppm

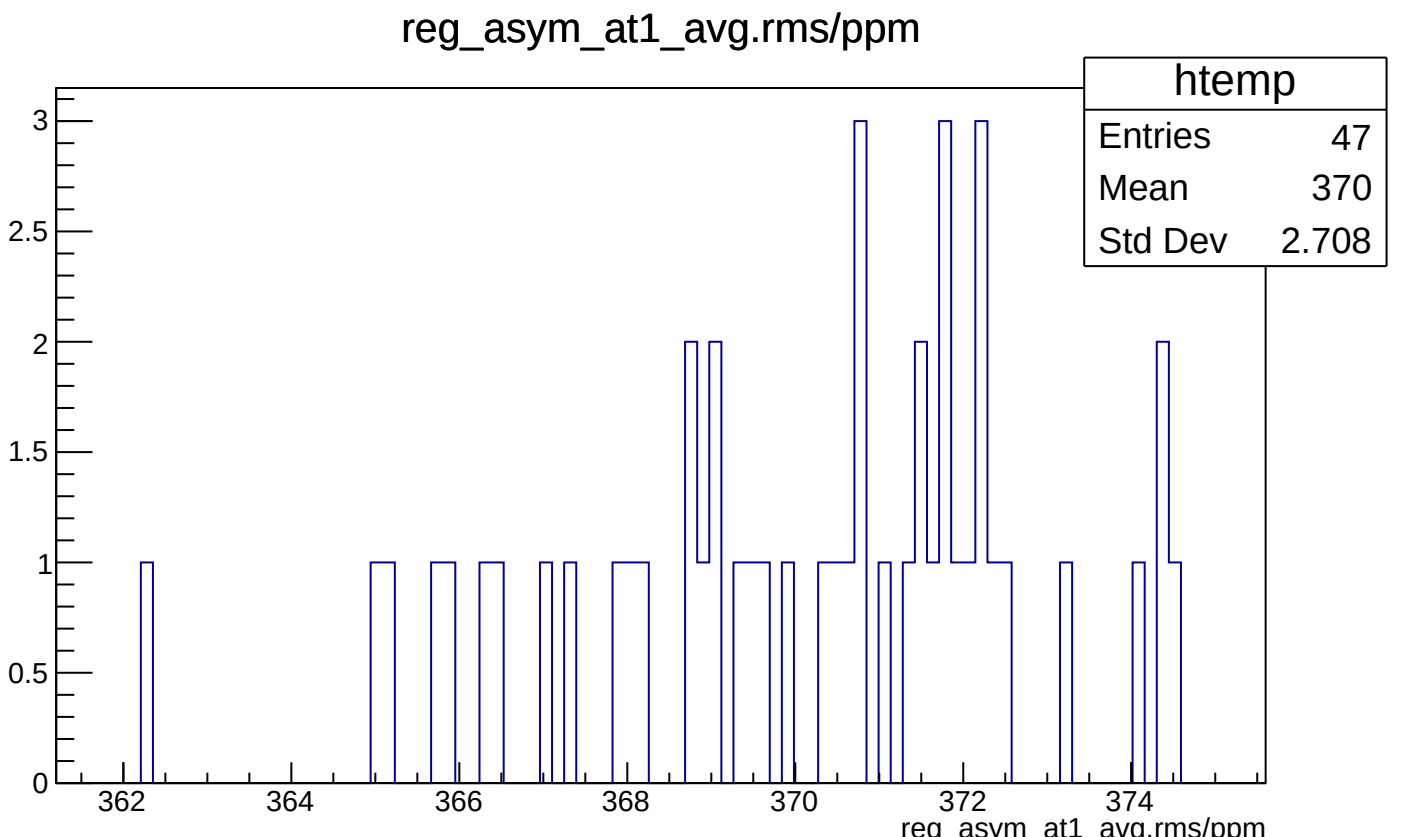

bcm_an_us_ds3_dd.rms/ppm
15.5
15
14.5
14
13.5
13
12.5
Run.Mini

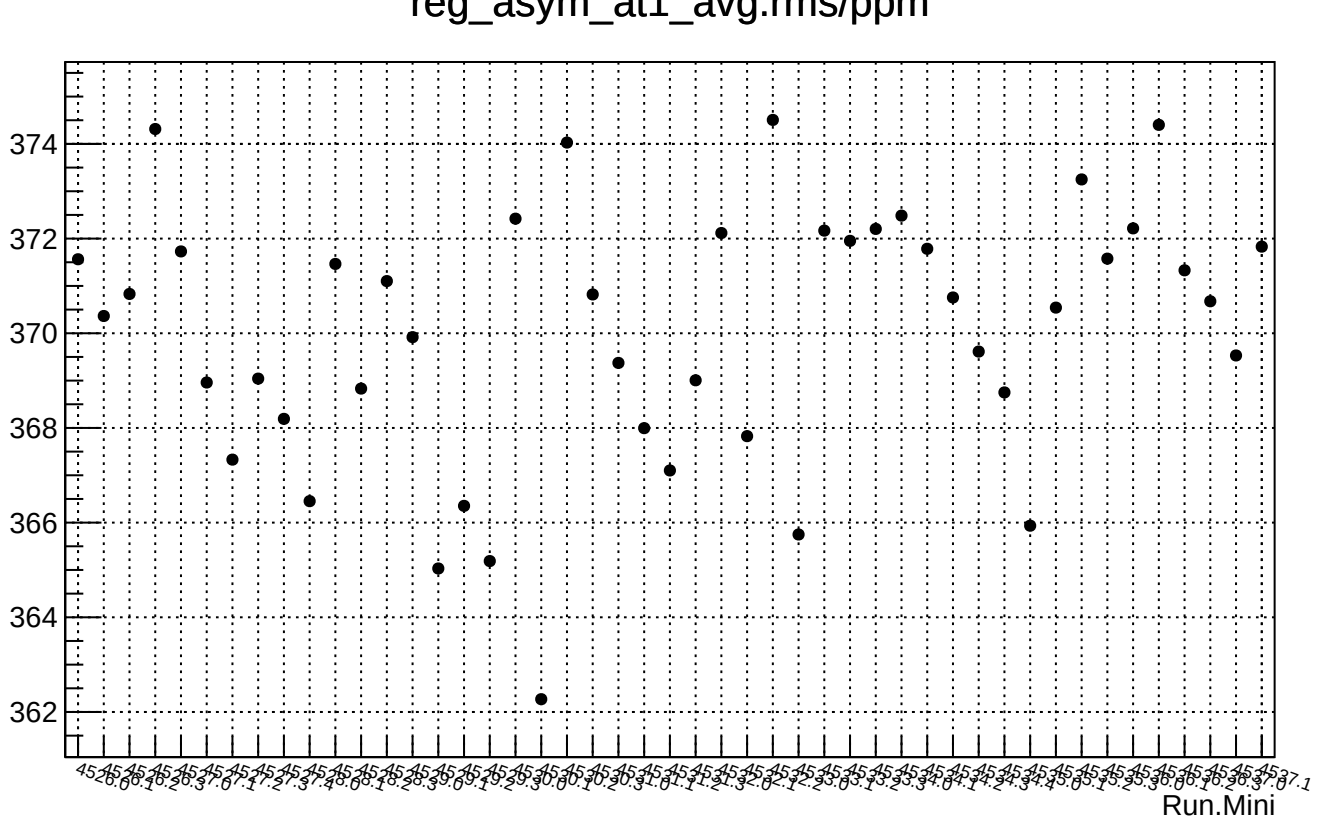

bcm_an_us_ds_dd.mean/ppb
χ² / ndf 46.66 / 46
p0 −7.157 ± 19.24
400
200
0
−200
−400
Run.Mini

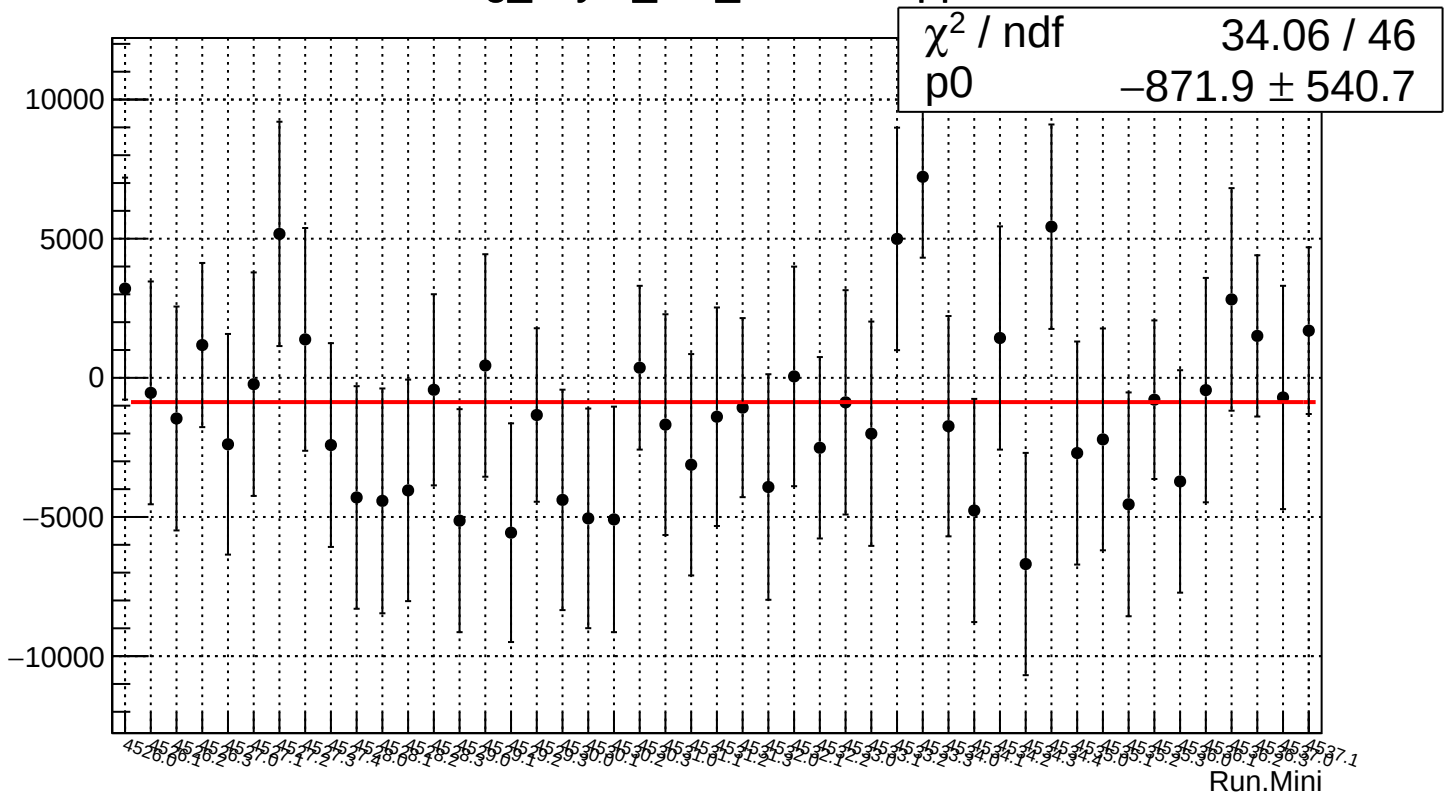

bcm_an_us_ds_dd.rms/ppm
htemp
Entries 47
Mean 13.59
Std Dev 0.8588
0
1
2
3
4
5
6
13
13.5
14
14.5
15
15.5
16
bcm_an_us_ds_dd.rms/ppm

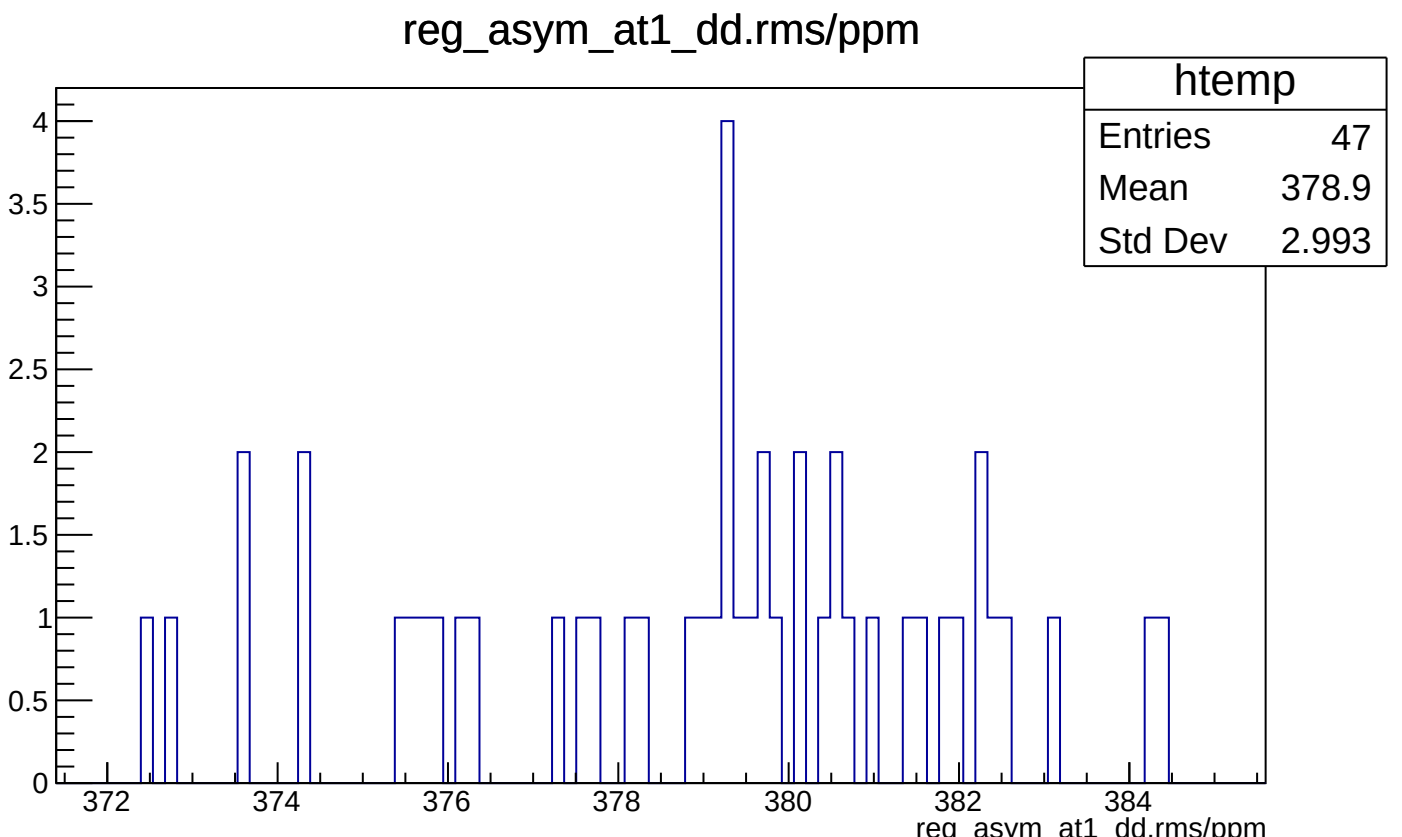

bcm_an_us_ds_dd.rms/ppm
16
15.5
15
14.5
14
13.5
13
12.5
Run.Mini

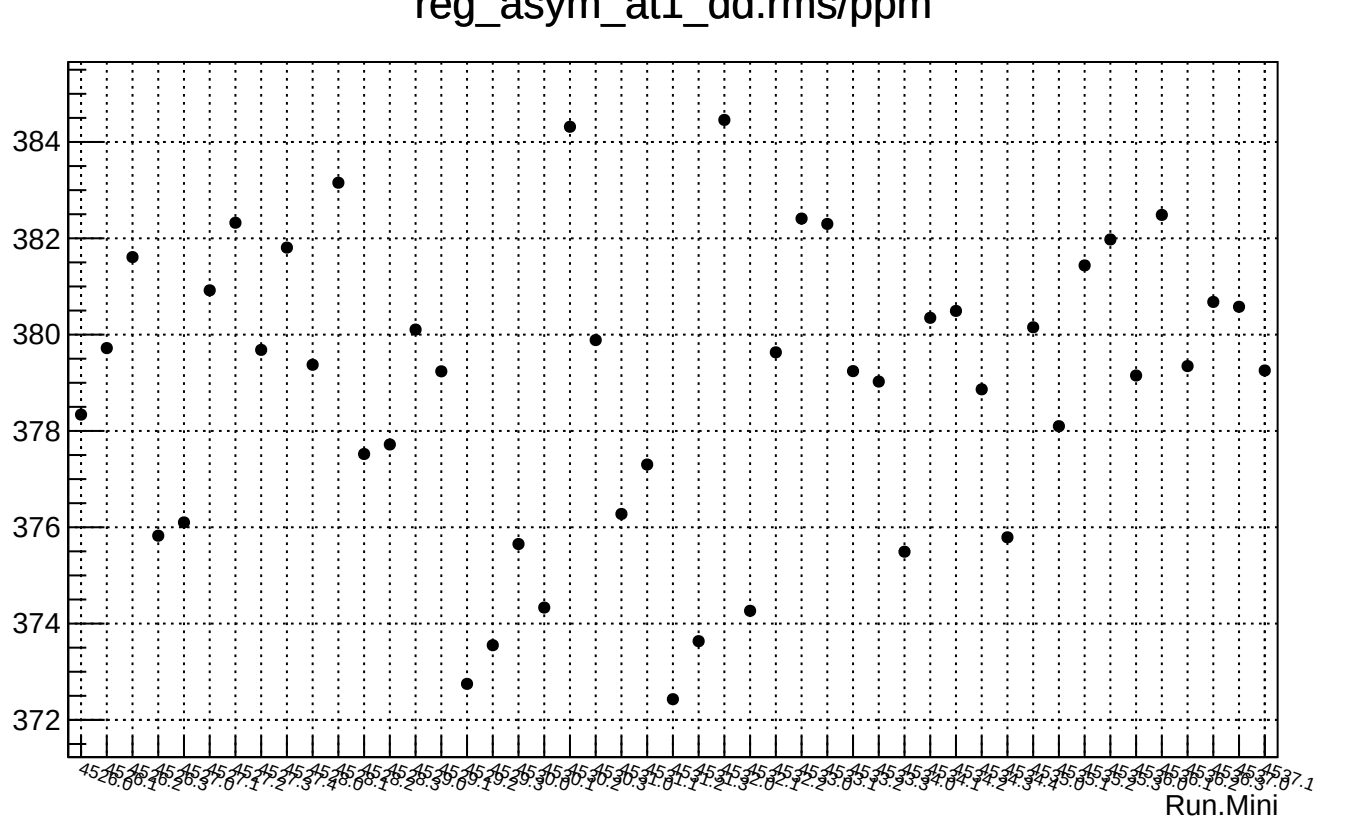

reg_asym_at1_avg.mean/ppb
χ² / ndf 26.86 / 46
p0 516 ± 528.2
10000
5000
0
−5000
−10000
Run.Mini

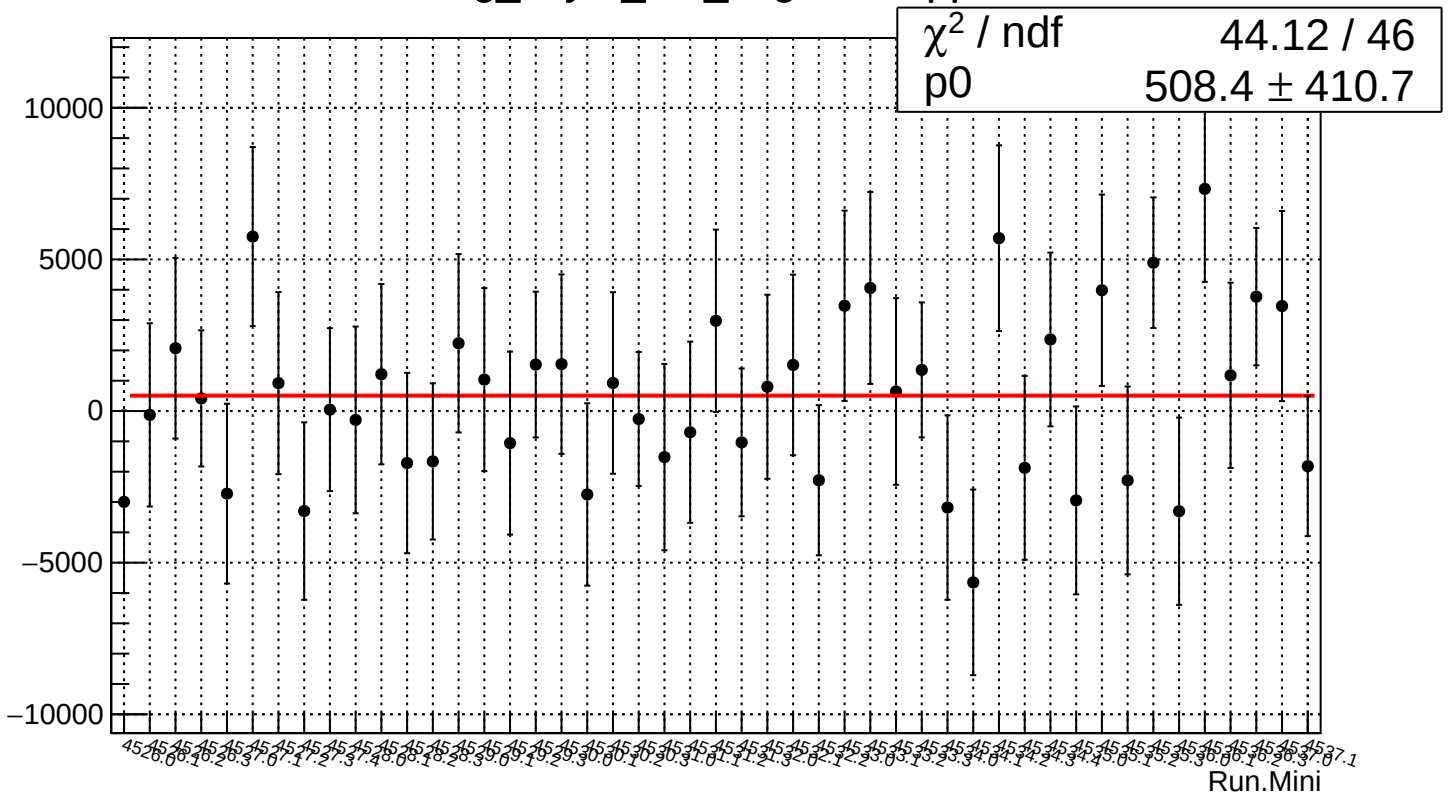

reg_asym_at1_avg.rms/ppm
htemp
Entries 47
Mean 370
Std Dev 2.708
3
2.5
2
1.5
1
0.5
0
362
364
366
368
370
372
374
reg_asym_at1_avg.rms/ppm

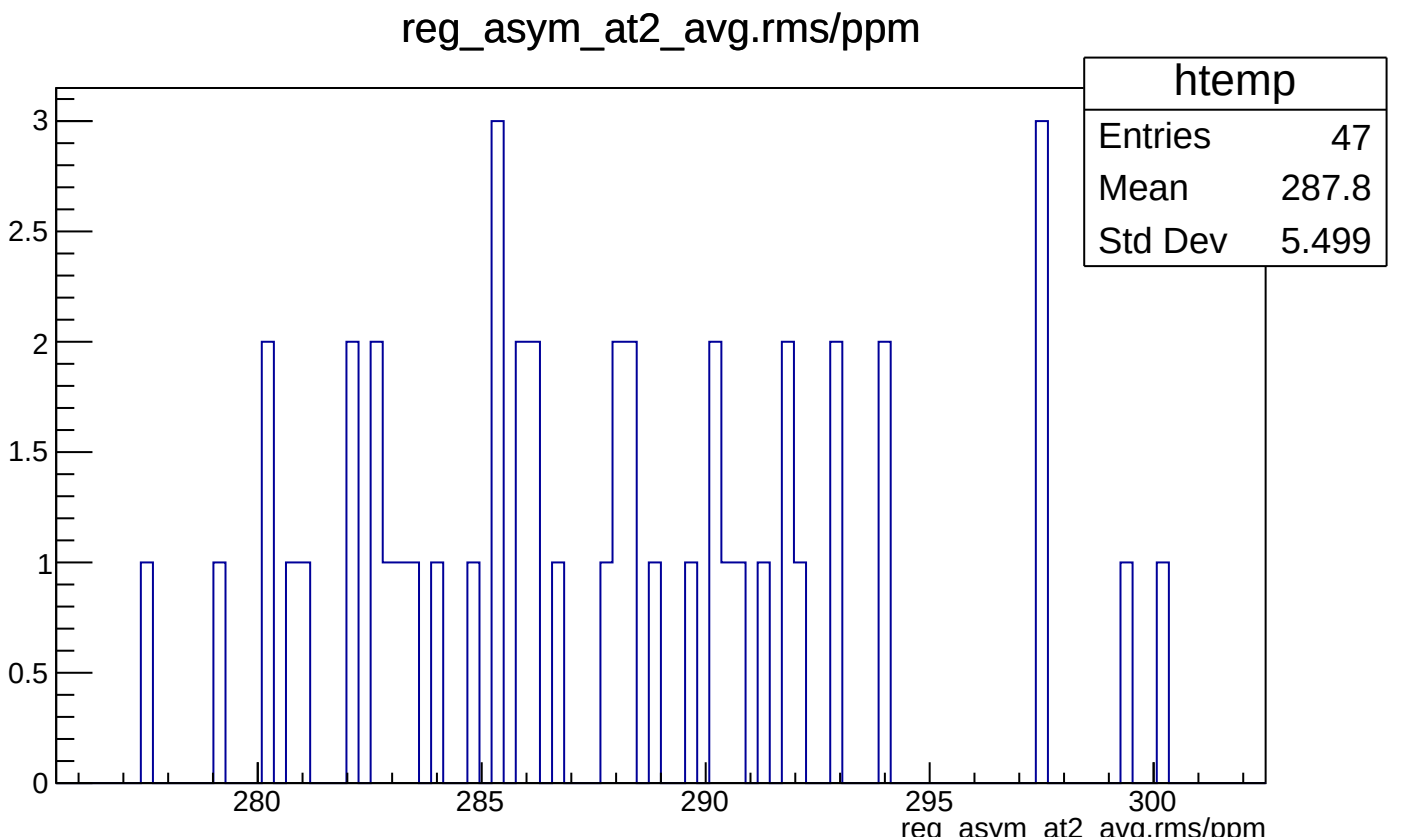

reg_asym_at1_avg.rms/ppm
374
372
370
368
366
364
362
Run.Mini

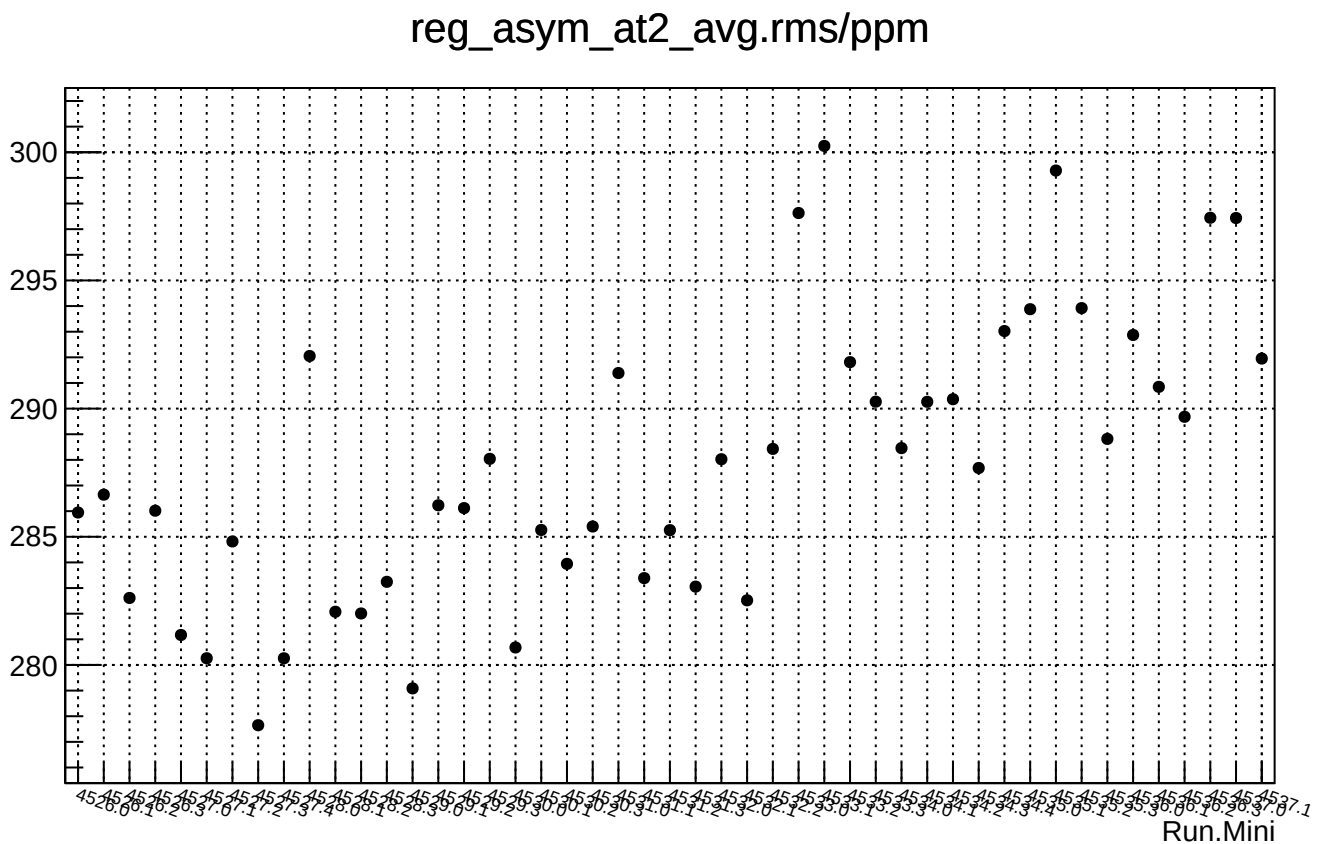

reg_asym_at1_dd.mean/ppb
χ² / ndf 34.06 / 46
p0 −871.9 ± 540.7
10000
5000
0
−5000
−10000
Run.Mini

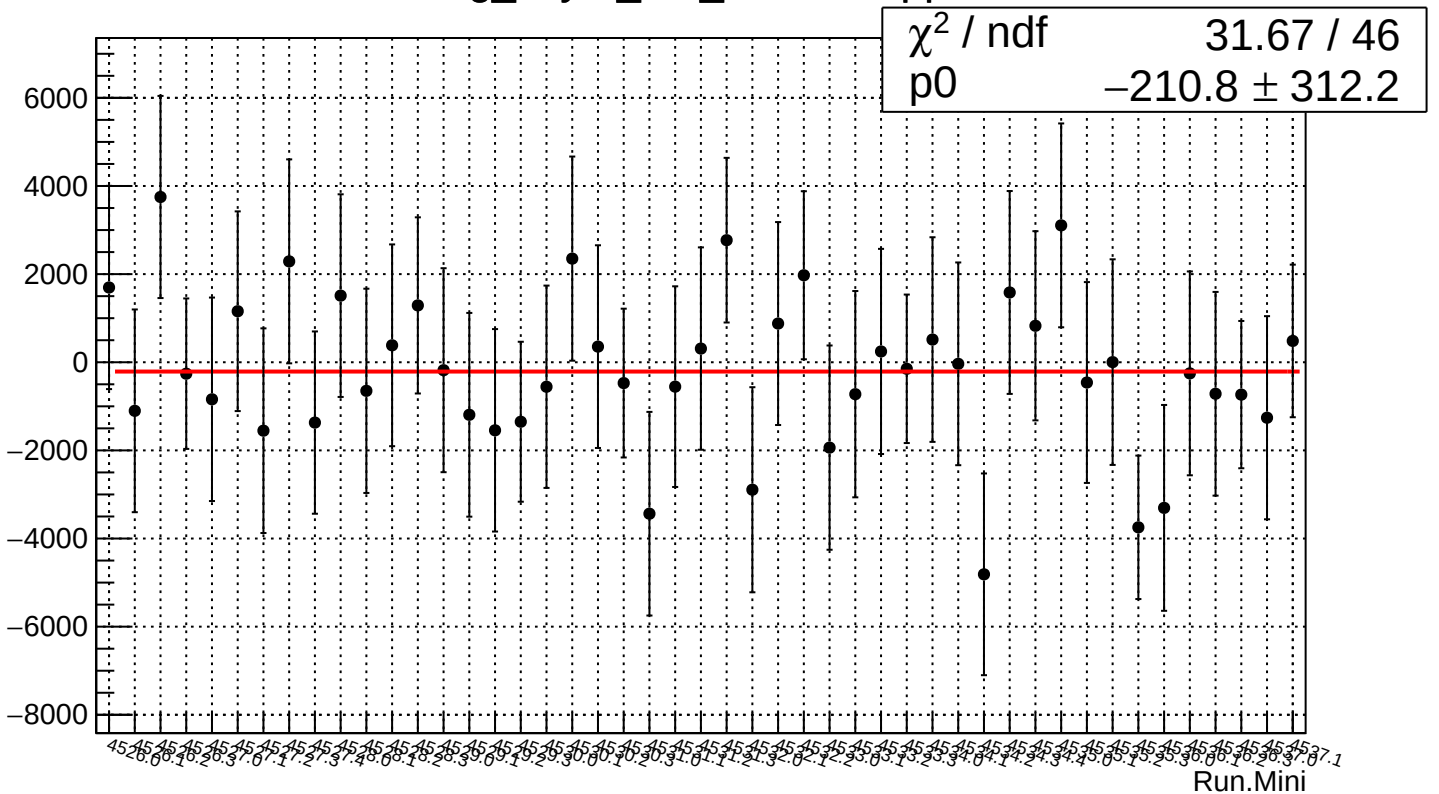

reg_asym_at1_dd.rms/ppm
htemp
Entries 47
Mean 378.9
Std Dev 2.993
4
3.5
3
2.5
2
1.5
1
0.5
0
372
374
376
378
380
382
384
reg_asym_at1_dd.rms/ppm

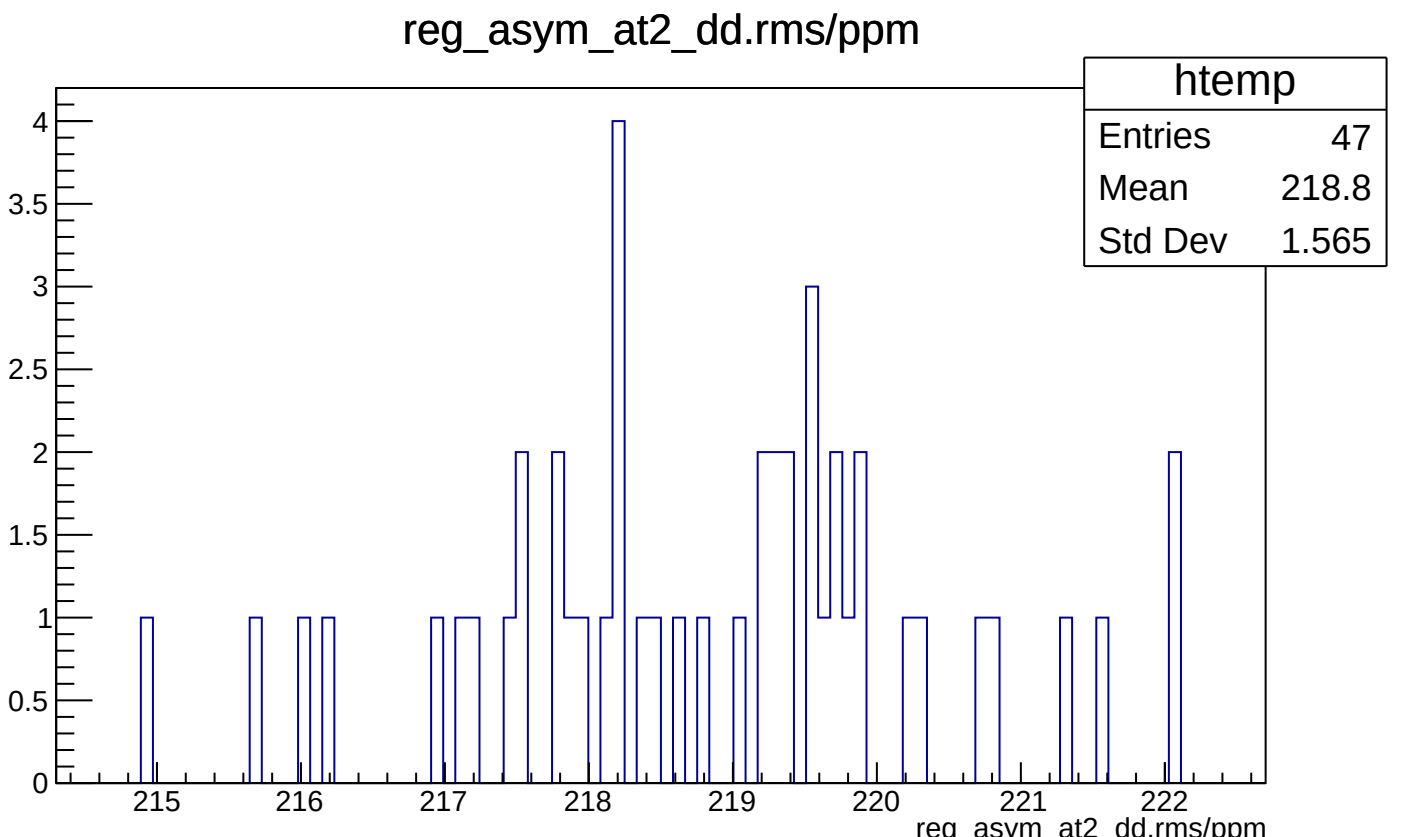

reg_asym_at1_dd.rms/ppm
384
382
380
378
376
374
372
Run.Mini

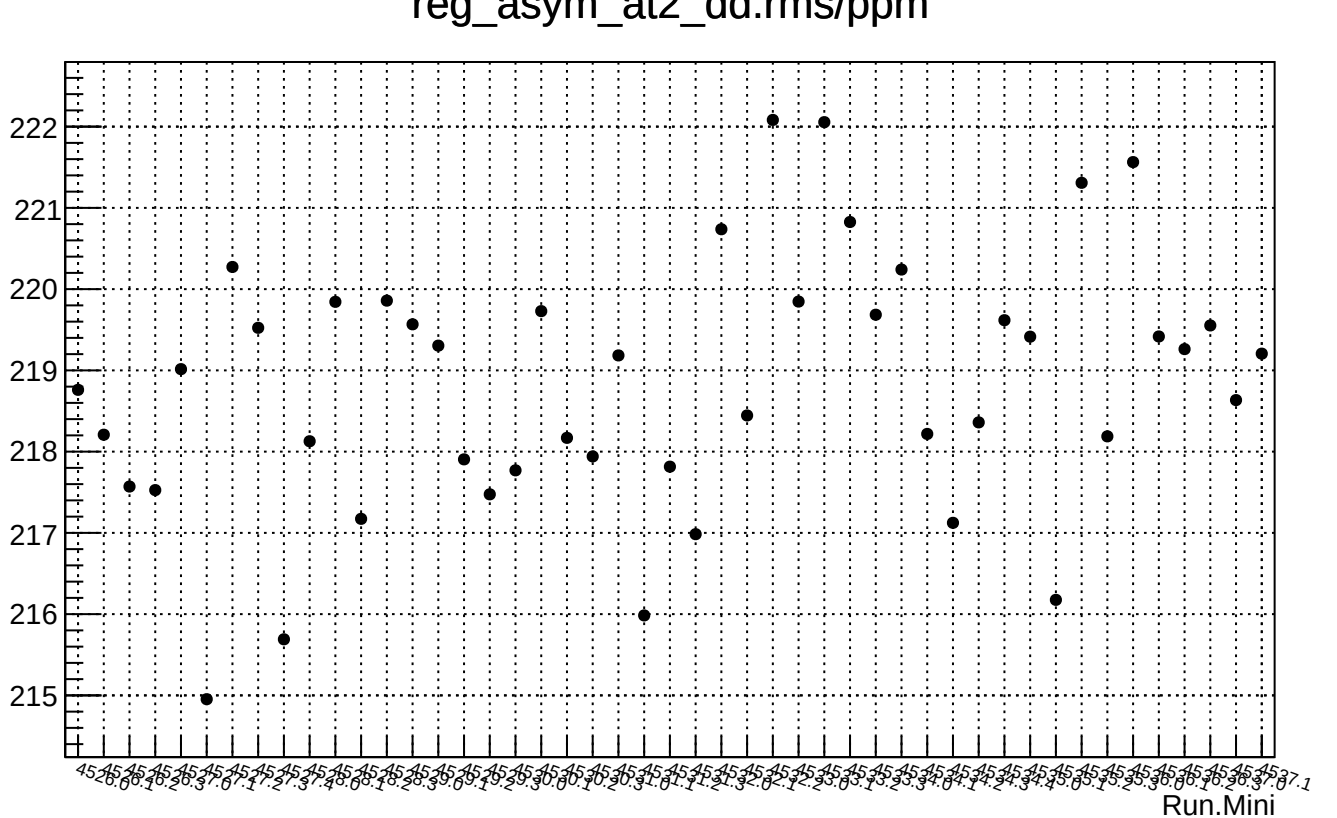

reg_asym_at2_avg.mean/ppb
χ² / ndf 44.12 / 46
p0 508.4 ± 410.7
10000
5000
0
−5000
−10000
Run.Mini

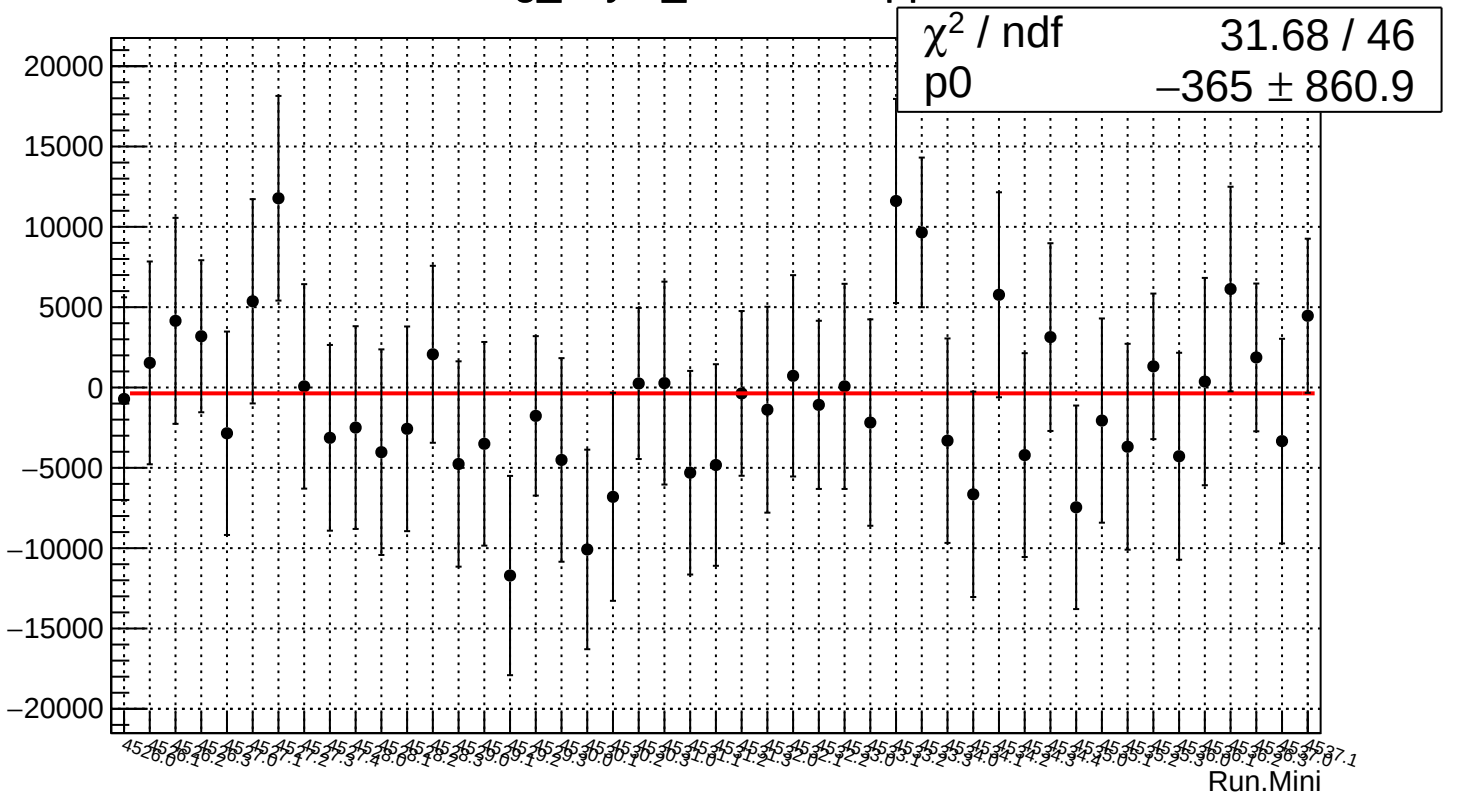

reg_asym_at2_avg.rms/ppm
htemp
Entries 47
Mean 287.8
Std Dev 5.499
3
2.5
2
1.5
1
0.5
0
280
285
290
295
300
reg_asym_at2_avg.rms/ppm

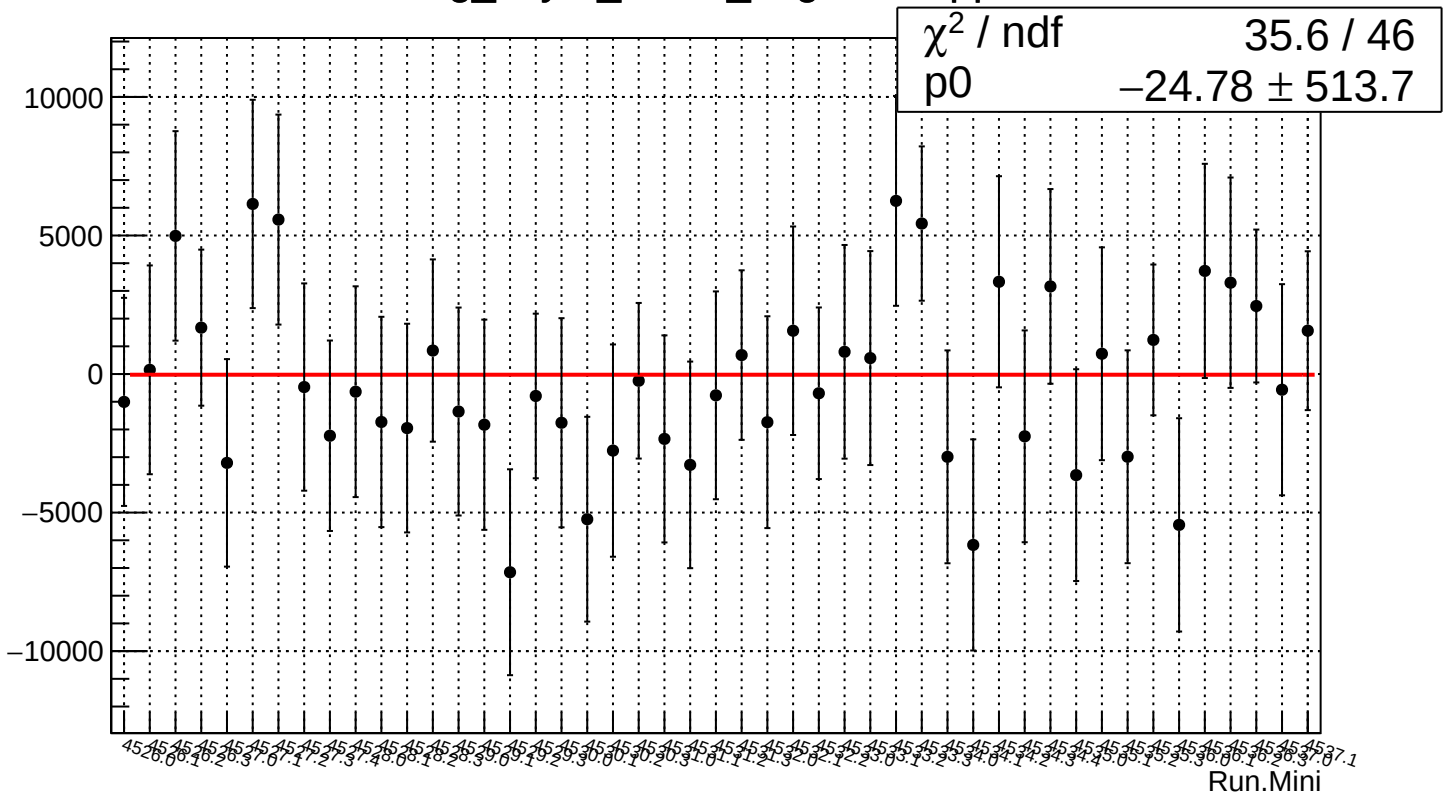

reg_asym_at2_avg.rms/ppm
300
295
290
285
280
Run.Mini

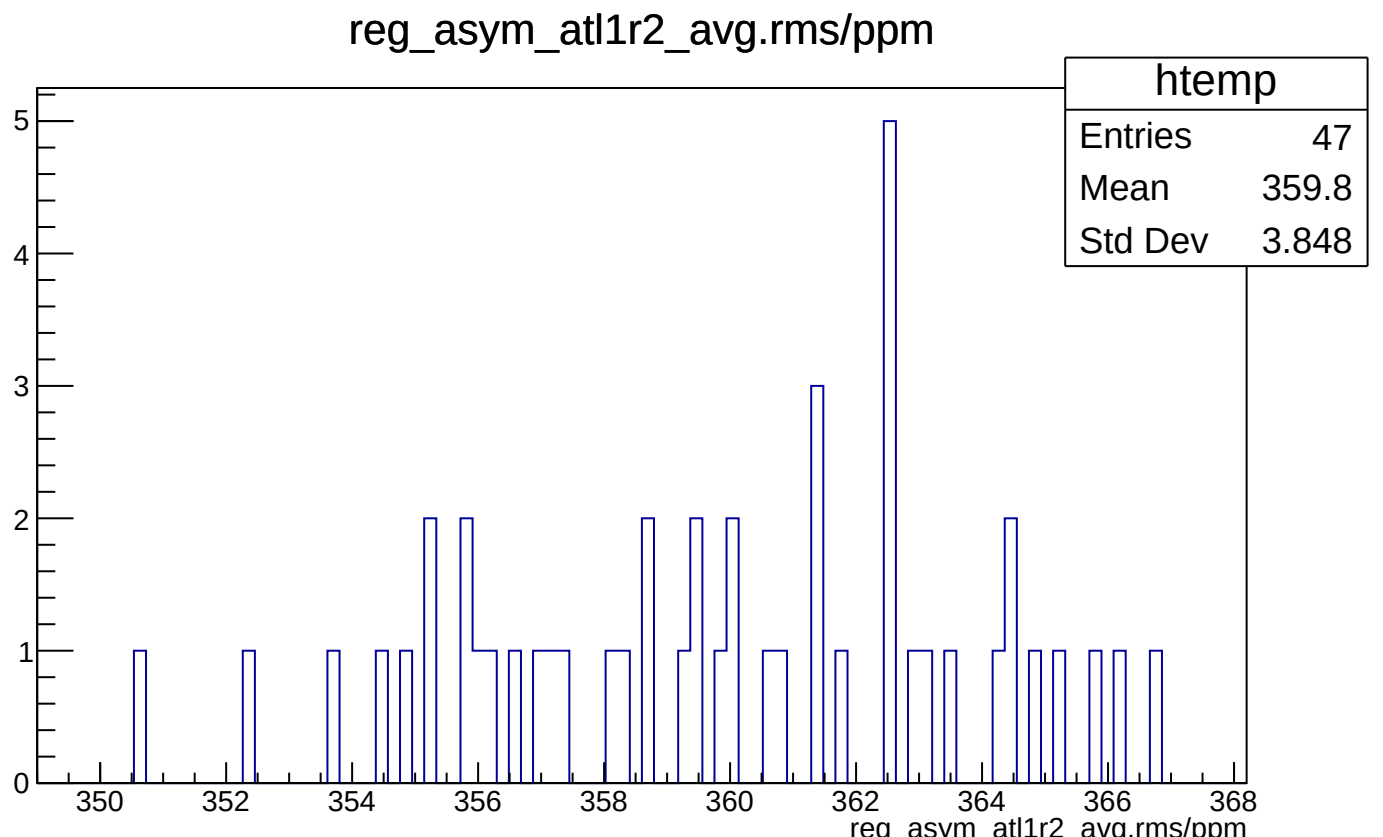

reg_asym_at2_dd.mean/ppb
χ² / ndf 31.67 / 46
p0 −210.8 ± 312.2
6000
4000
2000
0
−2000
−4000
−6000
−8000
Run.Mini

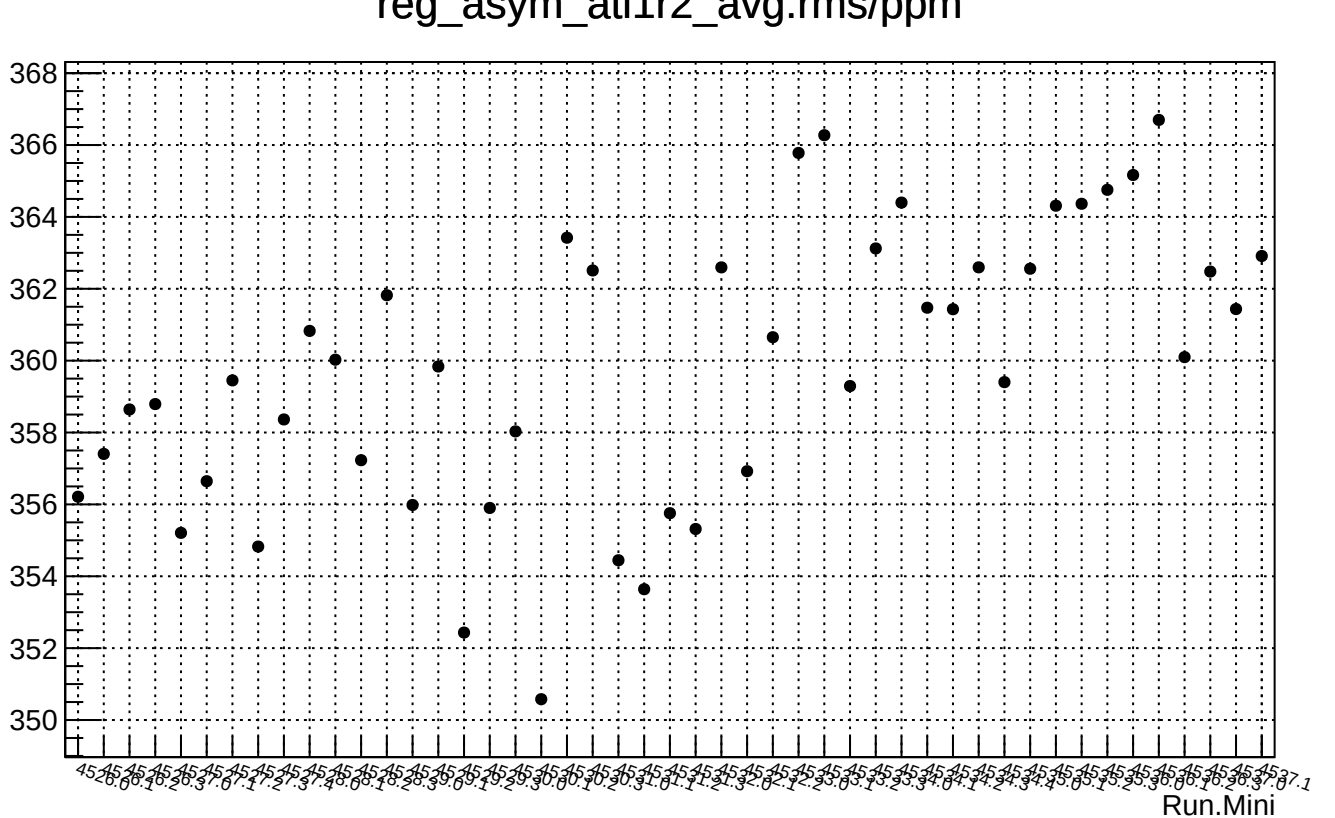

reg_asym_at2_dd.rms/ppm
htemp
Entries 47
Mean 218.8
Std Dev 1.565
0
0.5
1
1.5
2
2.5
3
3.5
4
215
216
217
218
219
220
221
222
reg_asym_at2_dd.rms/ppm

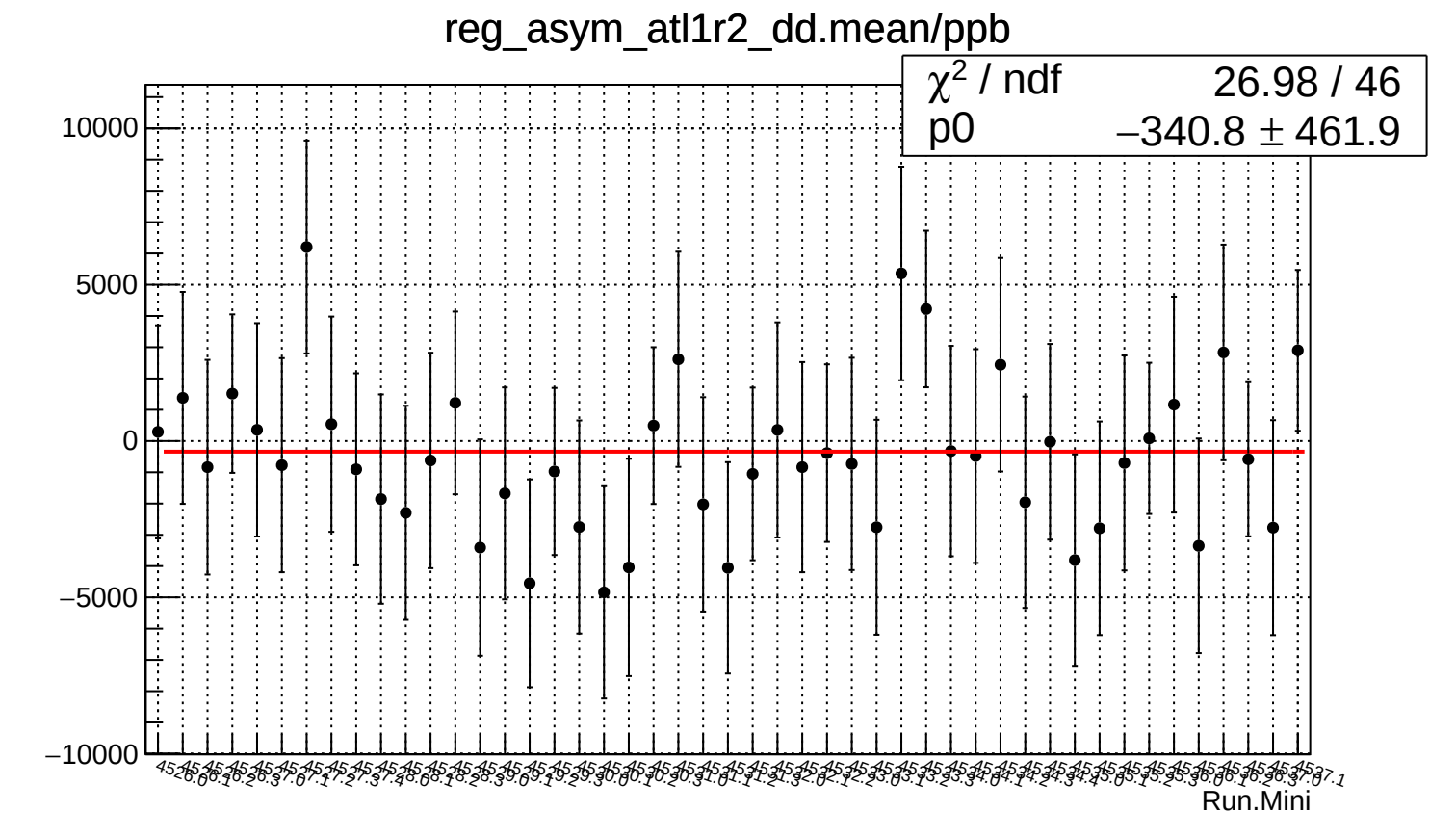

reg_asym_at2_dd.rms/ppm
222
221
220
219
218
217
216
215
Run.Mini

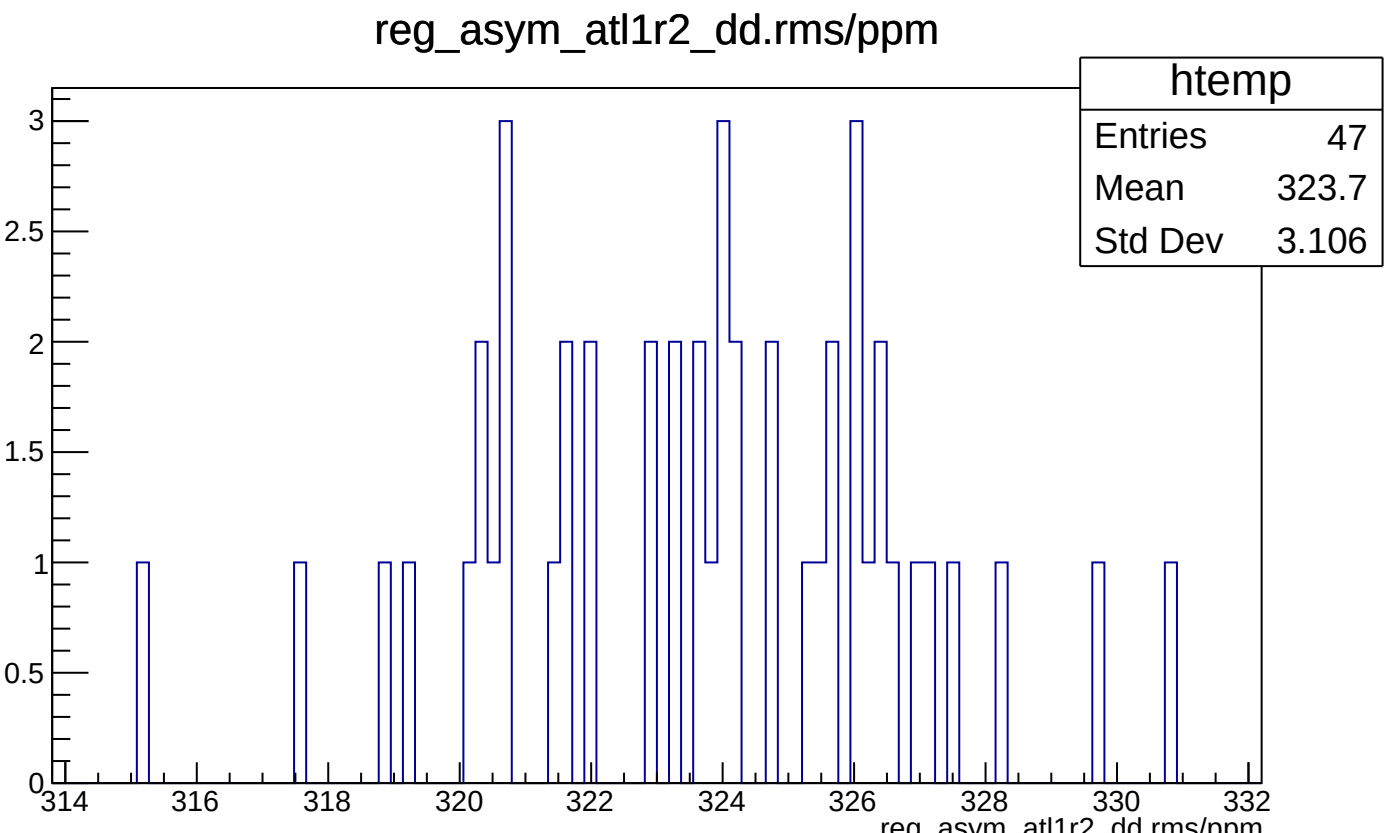

reg_asym_atl1.mean/ppb
χ² / ndf 31.68 / 46
p0 –365 ± 860.9
20000
15000
10000
5000
0
−5000
−10000
−15000
−20000
Run.Mini

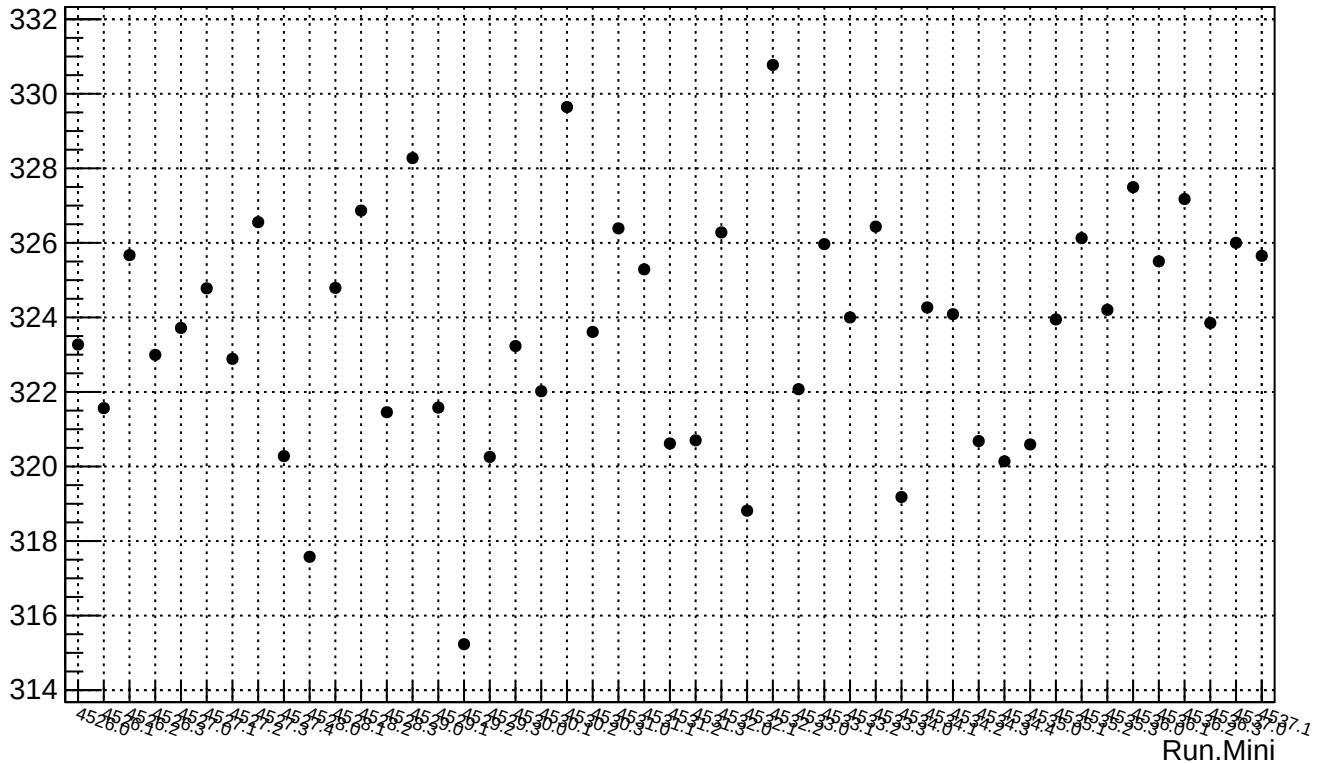

reg_asym_atl1r2_avg.mean/ppb
χ² / ndf 35.6 / 46
p0 −24.78 ± 513.7
10000
5000
0
−5000
−10000
Run.Mini

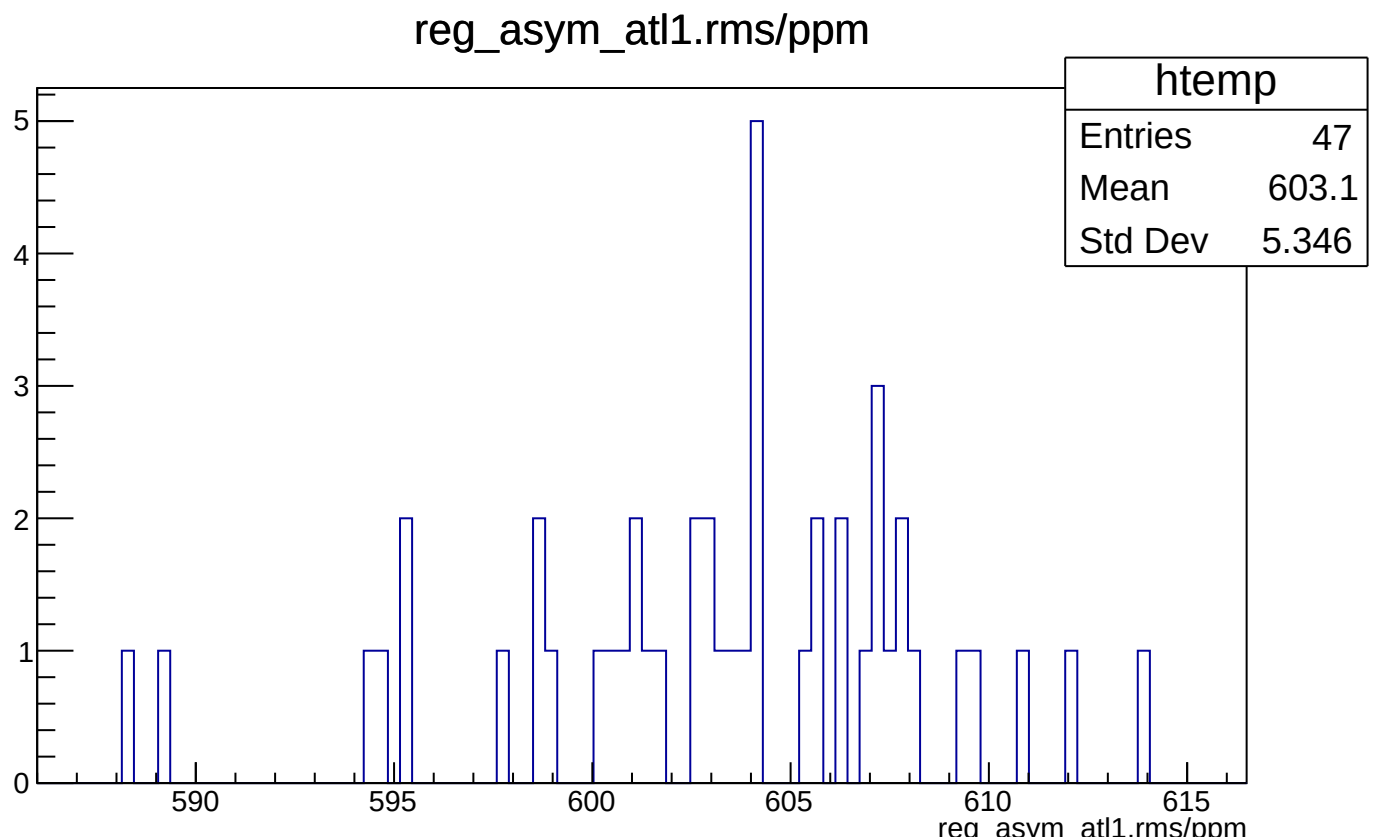

reg_asym_atl1r2_avg.rms/ppm
htemp
Entries 47
Mean 359.8
Std Dev 3.848
0
1
2
3
4
5
350
352
354
356
358
360
362
364
366
368
reg_asym_atl1r2_avg.rms/ppm

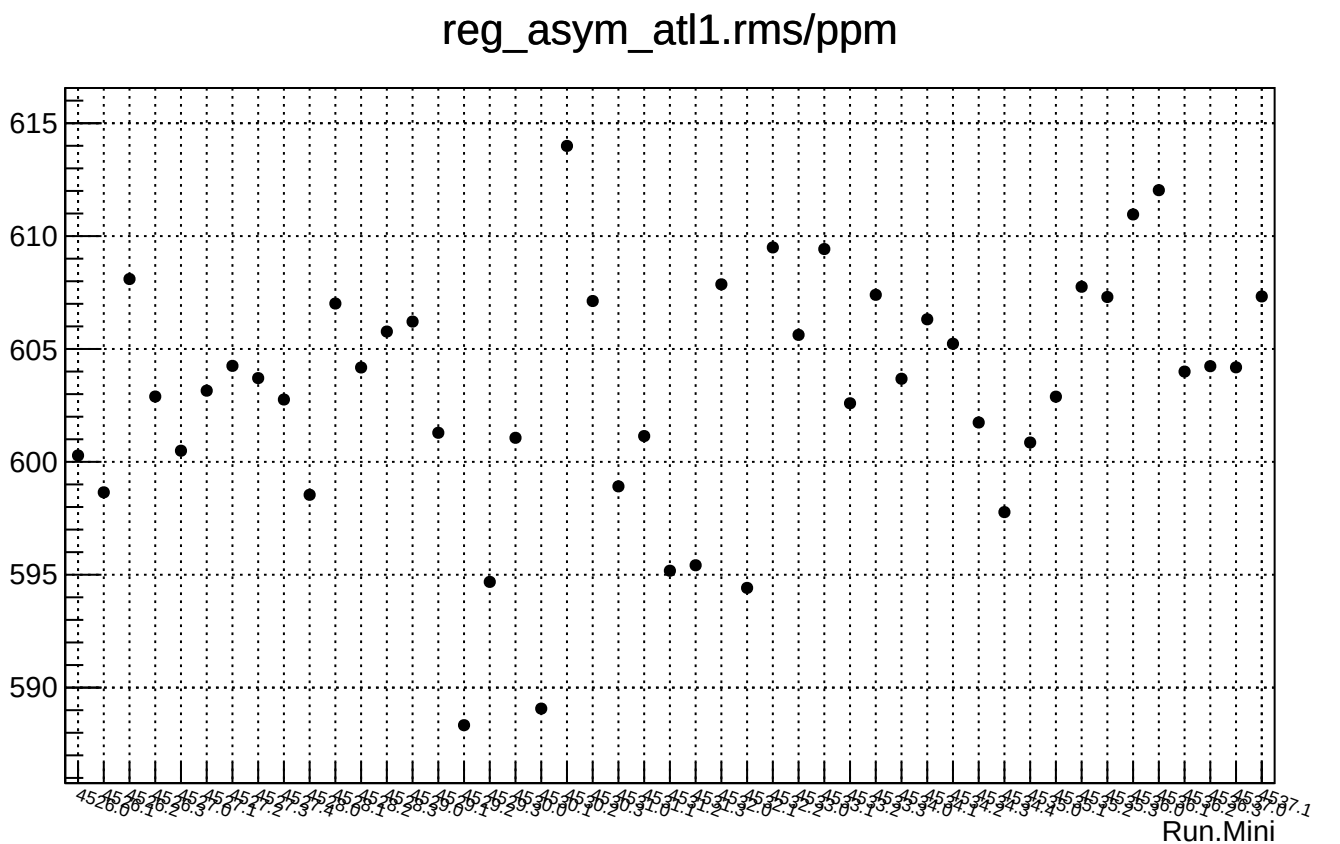

reg_asym_atl1r2_avg.rms/ppm
368
366
364
362
360
358
356
354
352
350
Run.Mini

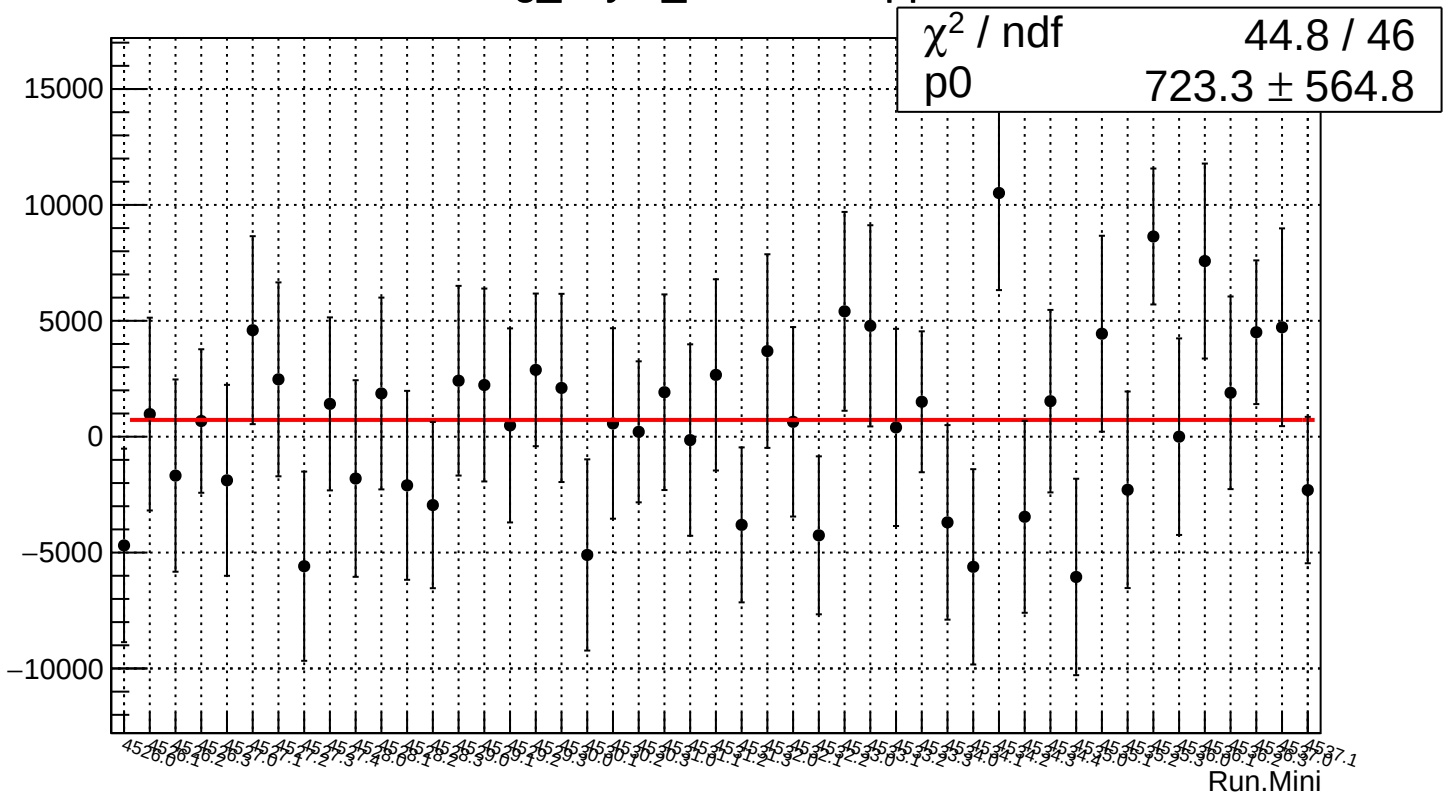

reg_asym_atl1r2_dd.mean/ppb
χ² / ndf 26.98 / 46
p0 −340.8 ± 461.9
10000
5000
0
−5000
−10000
Run.Mini

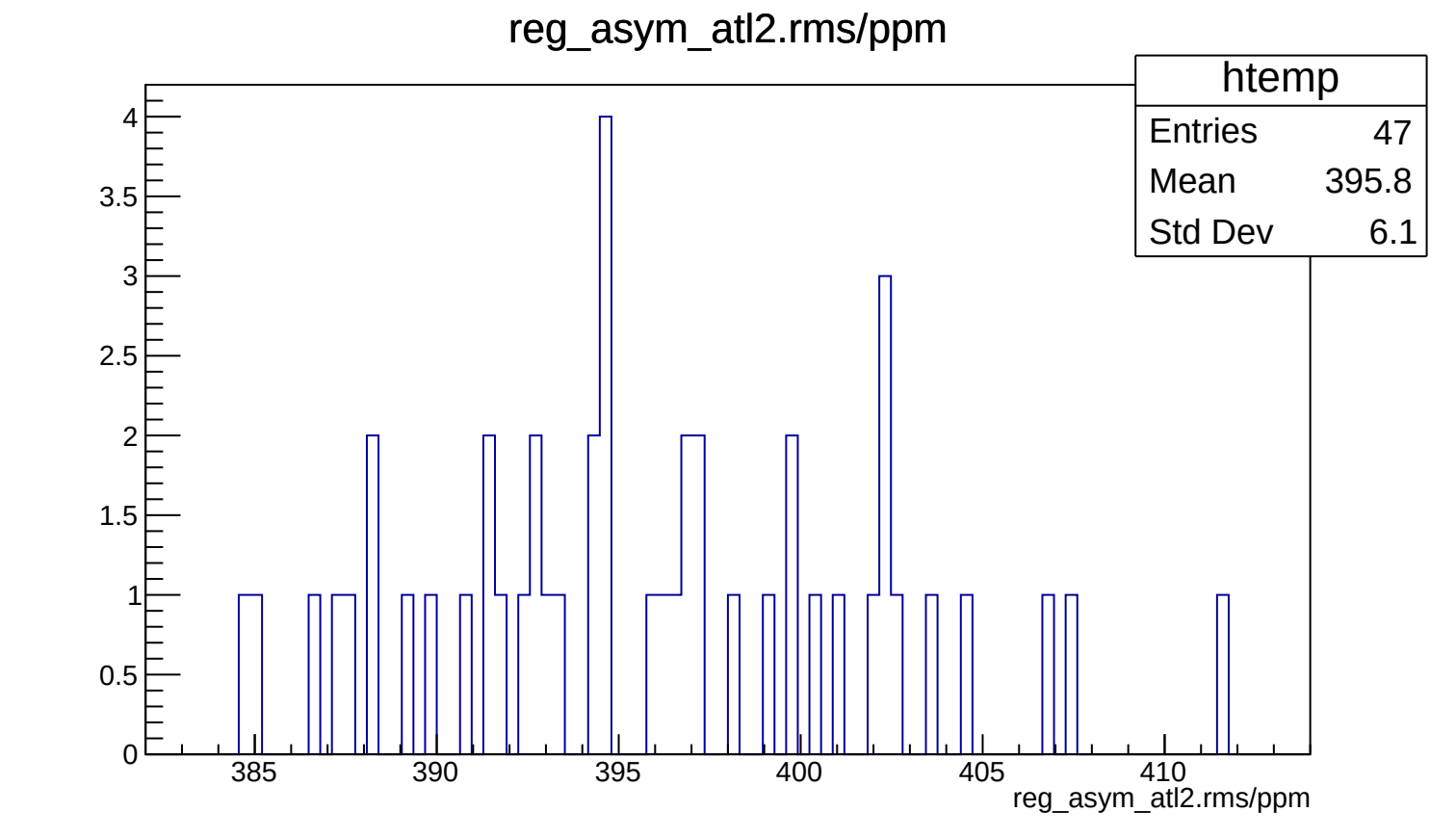

reg_asym_atl1r2_dd.rms/ppm
htemp
Entries 47
Mean 323.7
Std Dev 3.106
3
2.5
2
1.5
1
0.5
0
314
316
318
320
322
324
326
328
330
332
reg_asym_atl1r2_dd.rms/ppm

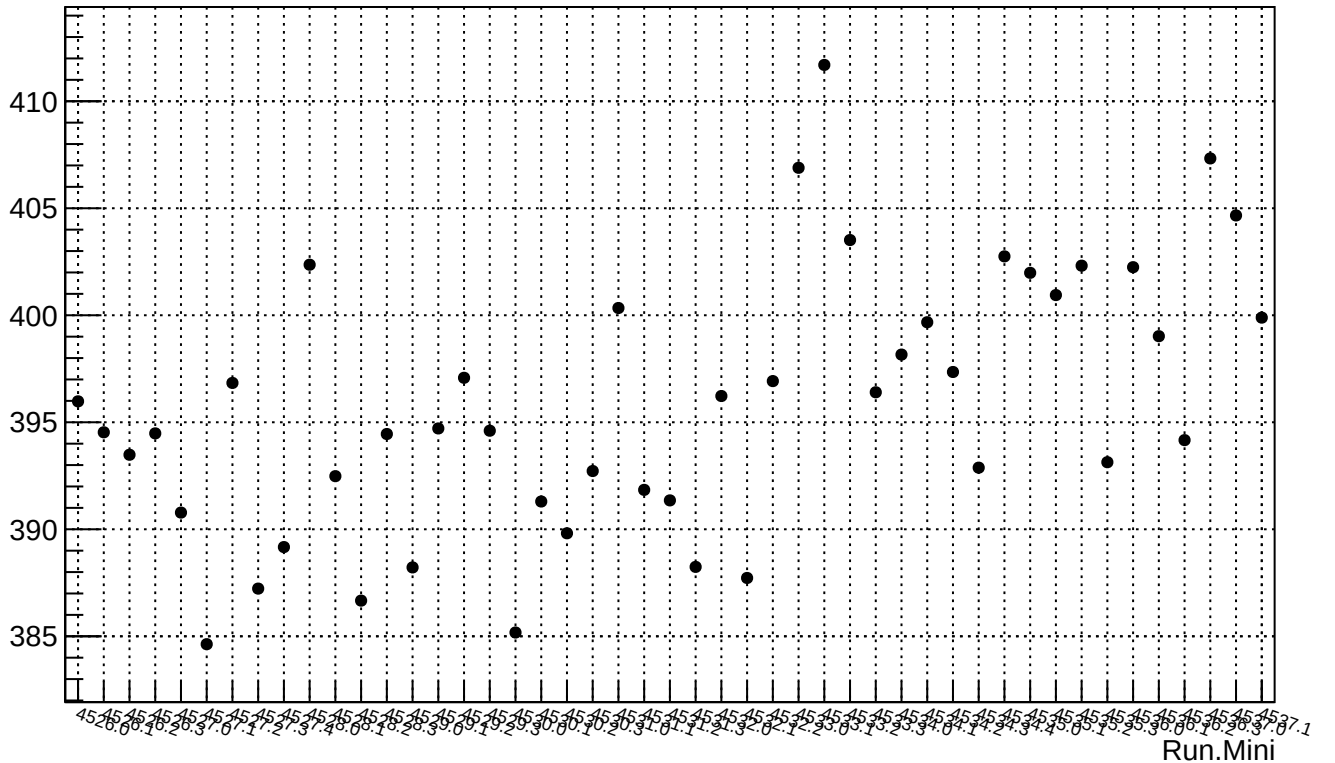

reg_asym_atl1r2_dd.rms/ppm
332
330
328
326
324
322
320
318
316
314
Run.Mini

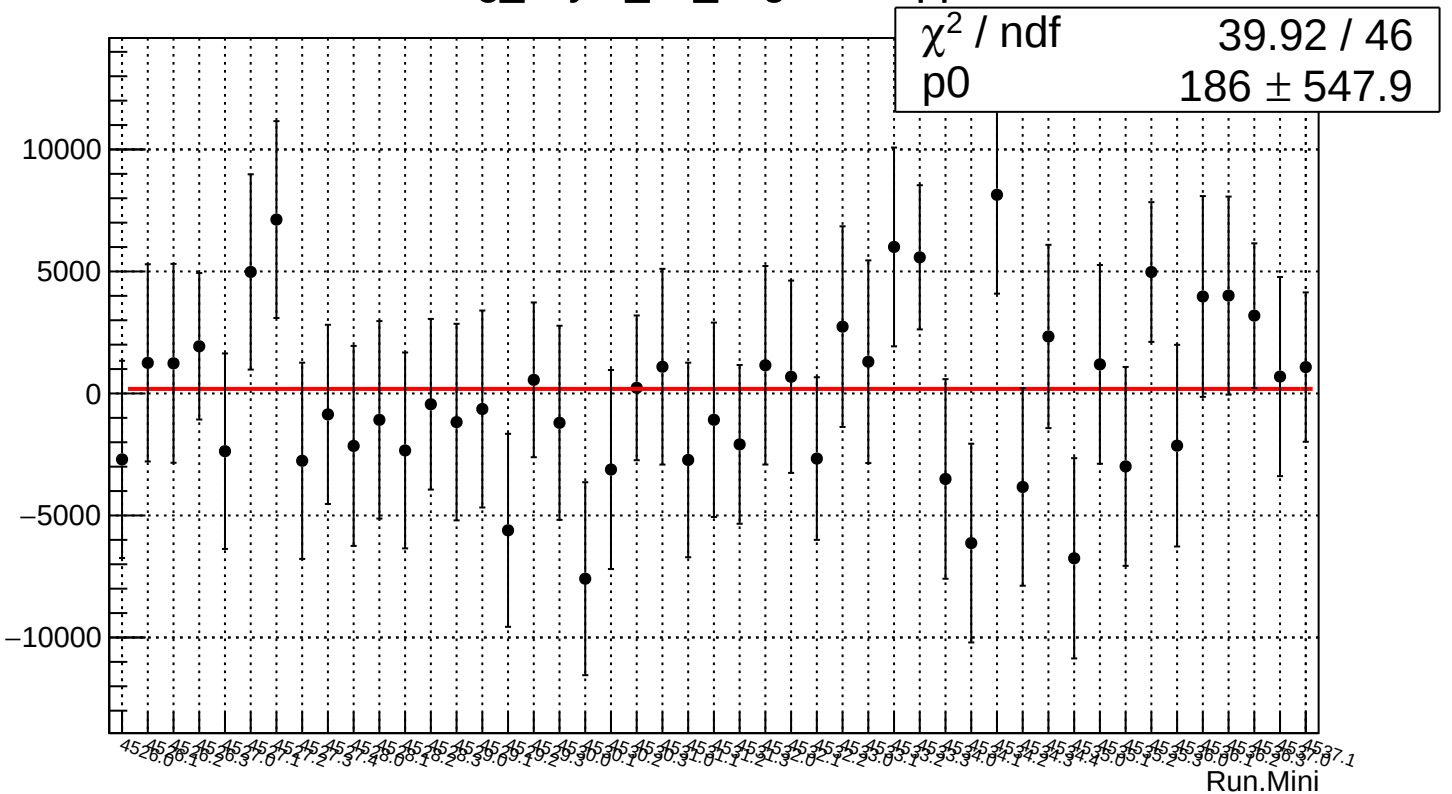

reg_asym_atl1.rms/ppm
htemp
Entries 47
Mean 603.1
Std Dev 5.346
0
1
2
3
4
5
590
595
600
605
610
615
reg_asym_atl1.rms/ppm

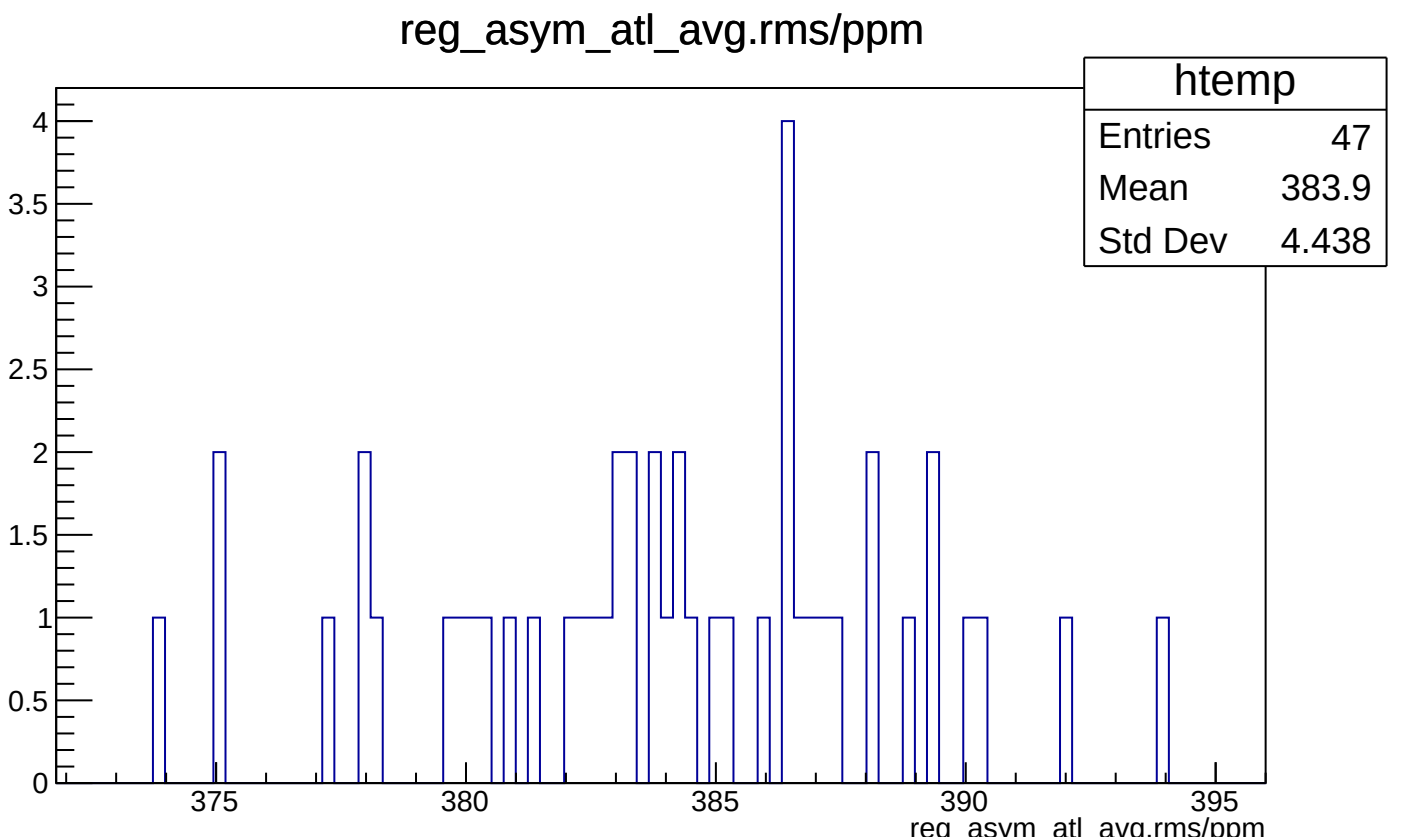

reg_asym_atl1.rms/ppm
615
610
605
600
595
590
Run.Mini

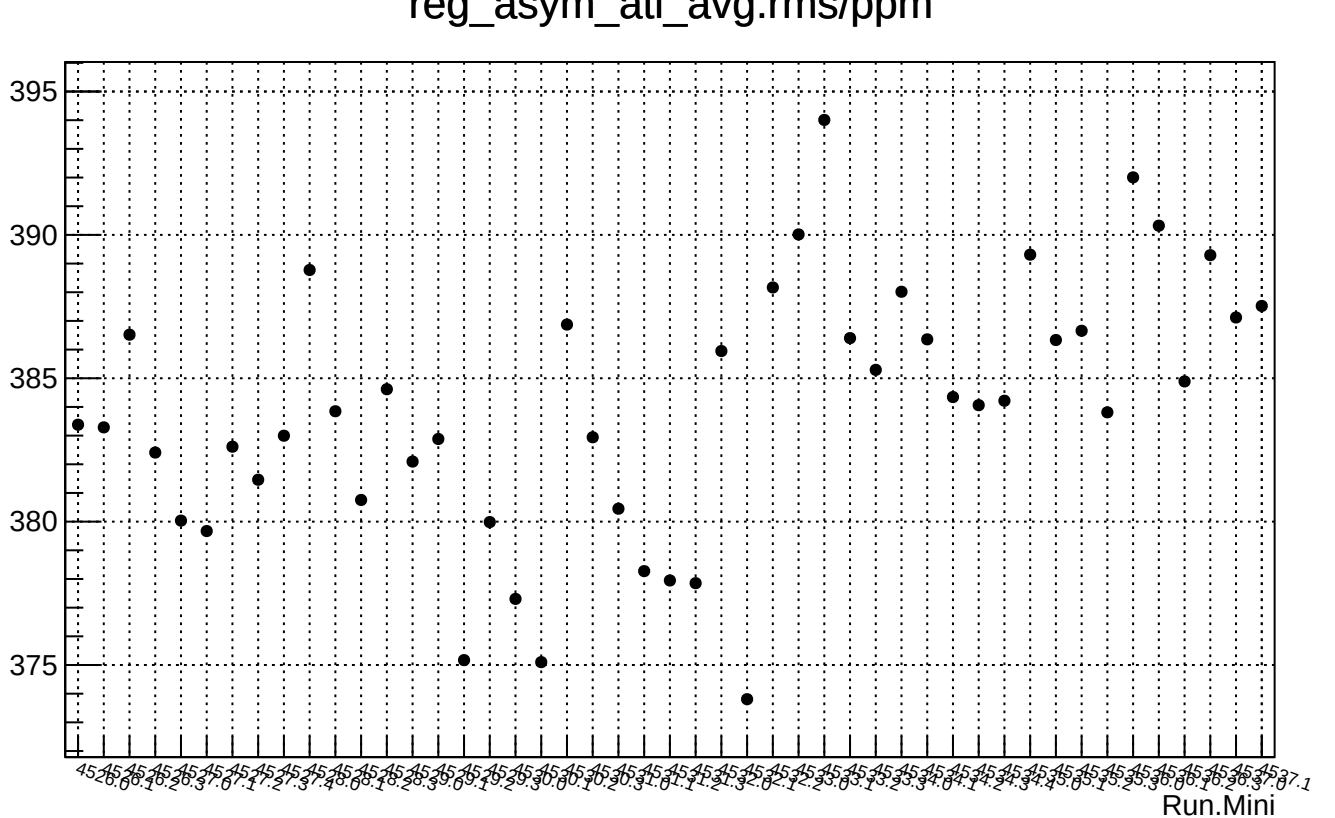

reg_asym_atl2.mean/ppb
χ² / ndf 44.8 / 46
p0 723.3 ± 564.8
15000
10000
5000
0
−5000
−10000
Run.Mini

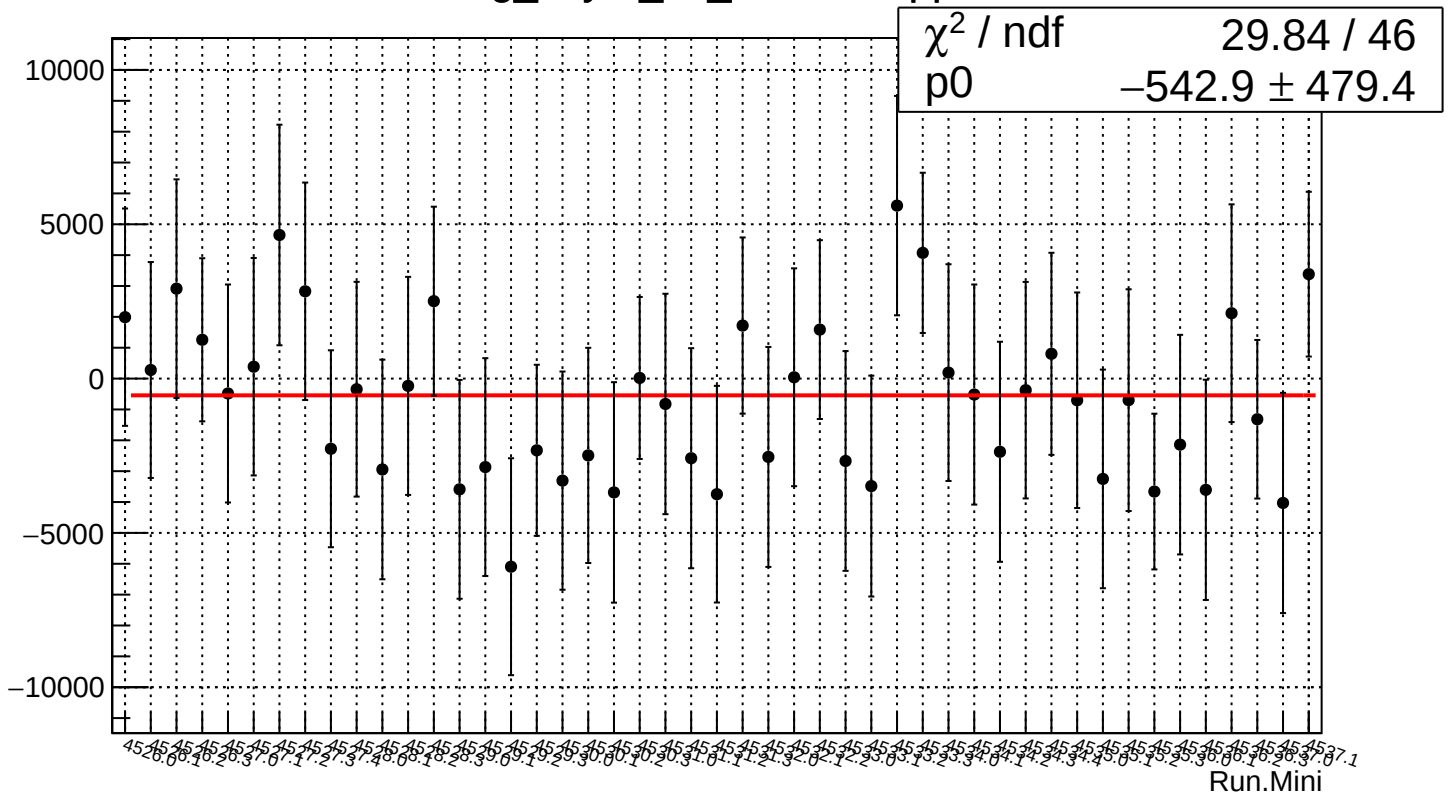

reg_asym_atl2.rms/ppm
htemp
Entries 47
Mean 395.8
Std Dev 6.1
0
0.5
1
1.5
2
2.5
3
3.5
4
385
390
395
400
405
410
reg_asym_atl2.rms/ppm

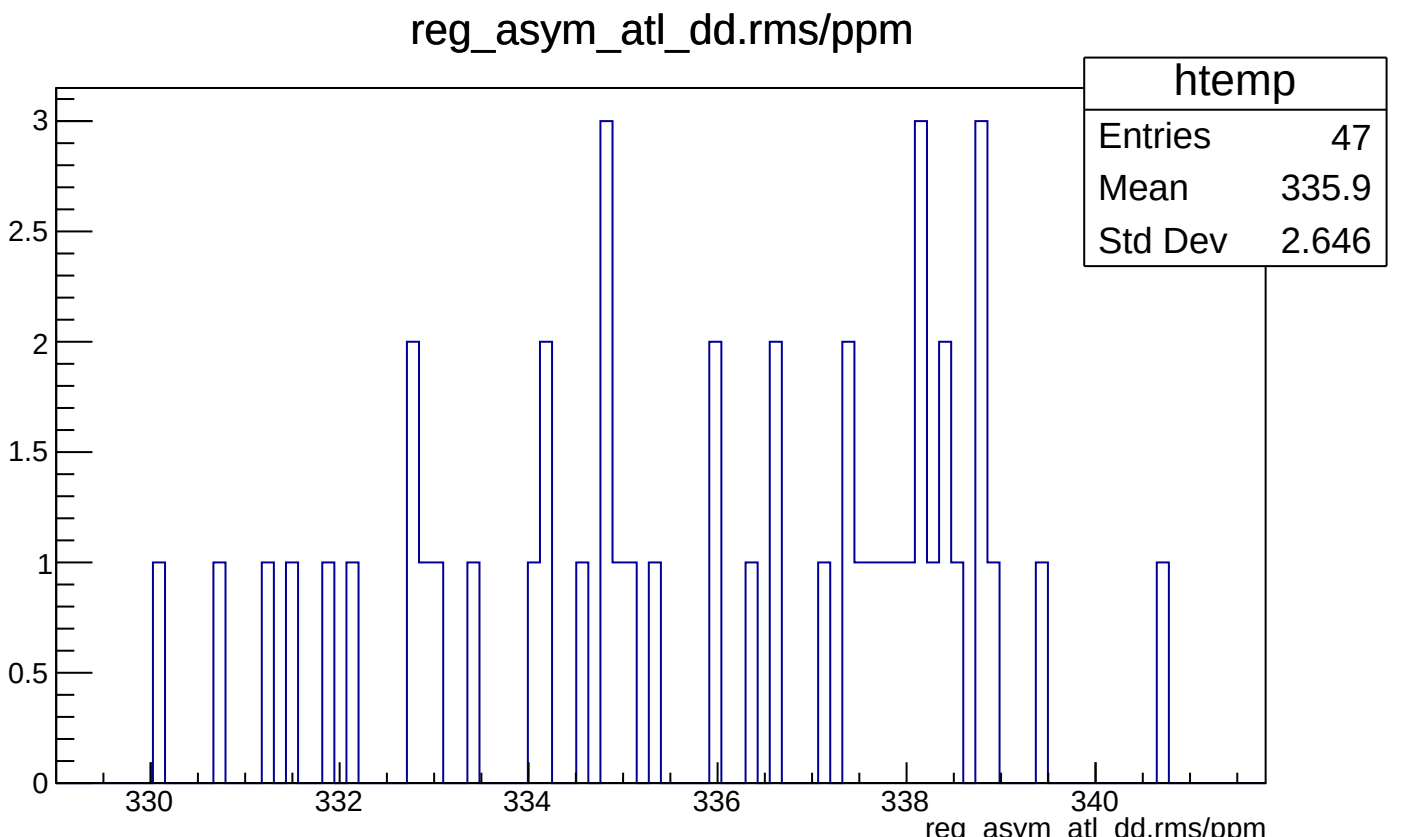

reg_asym_atl2.rms/ppm
410
405
400
395
390
385
Run.Mini

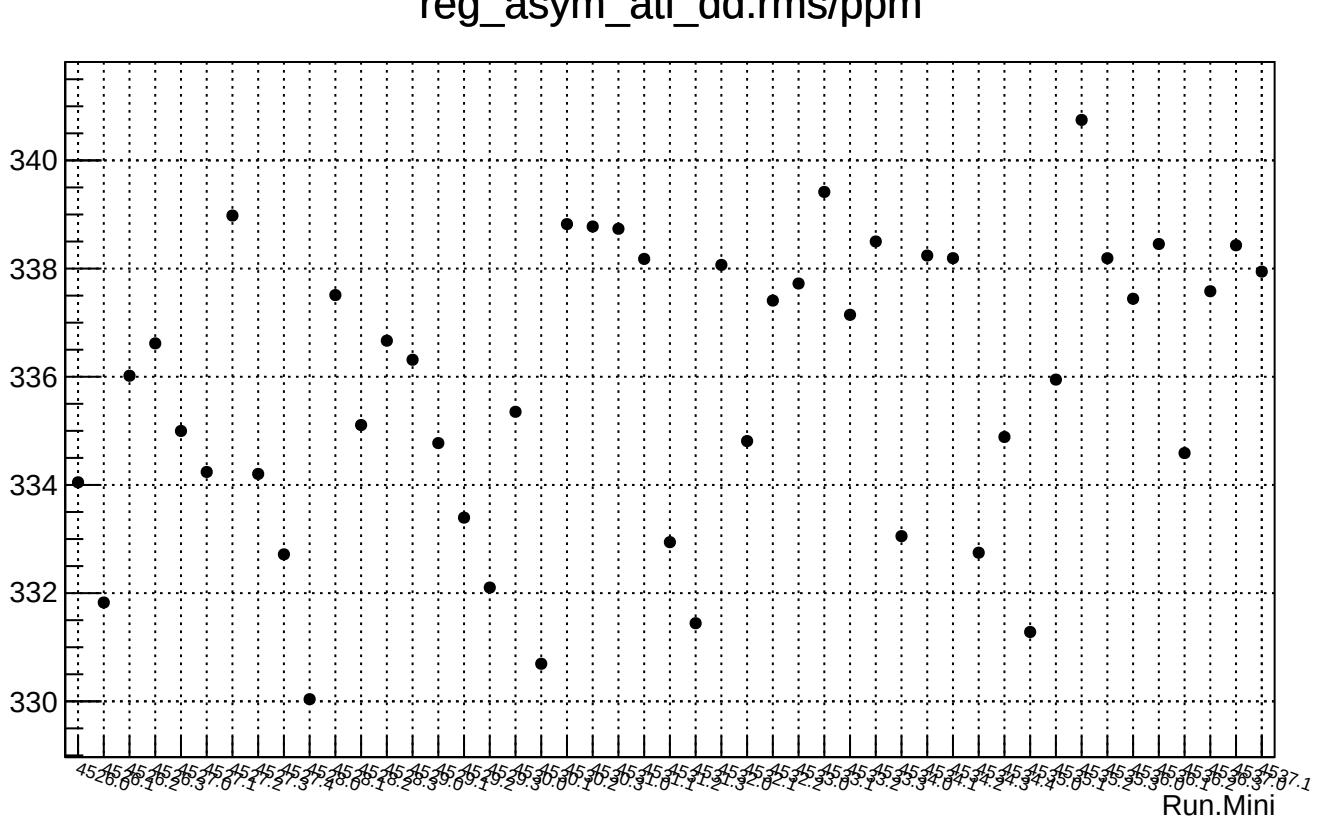

reg_asym_atl_avg.mean/ppb
χ² / ndf 39.92 / 46
p0 186 ± 547.9
10000
5000
0
−5000
−10000
Run.Mini

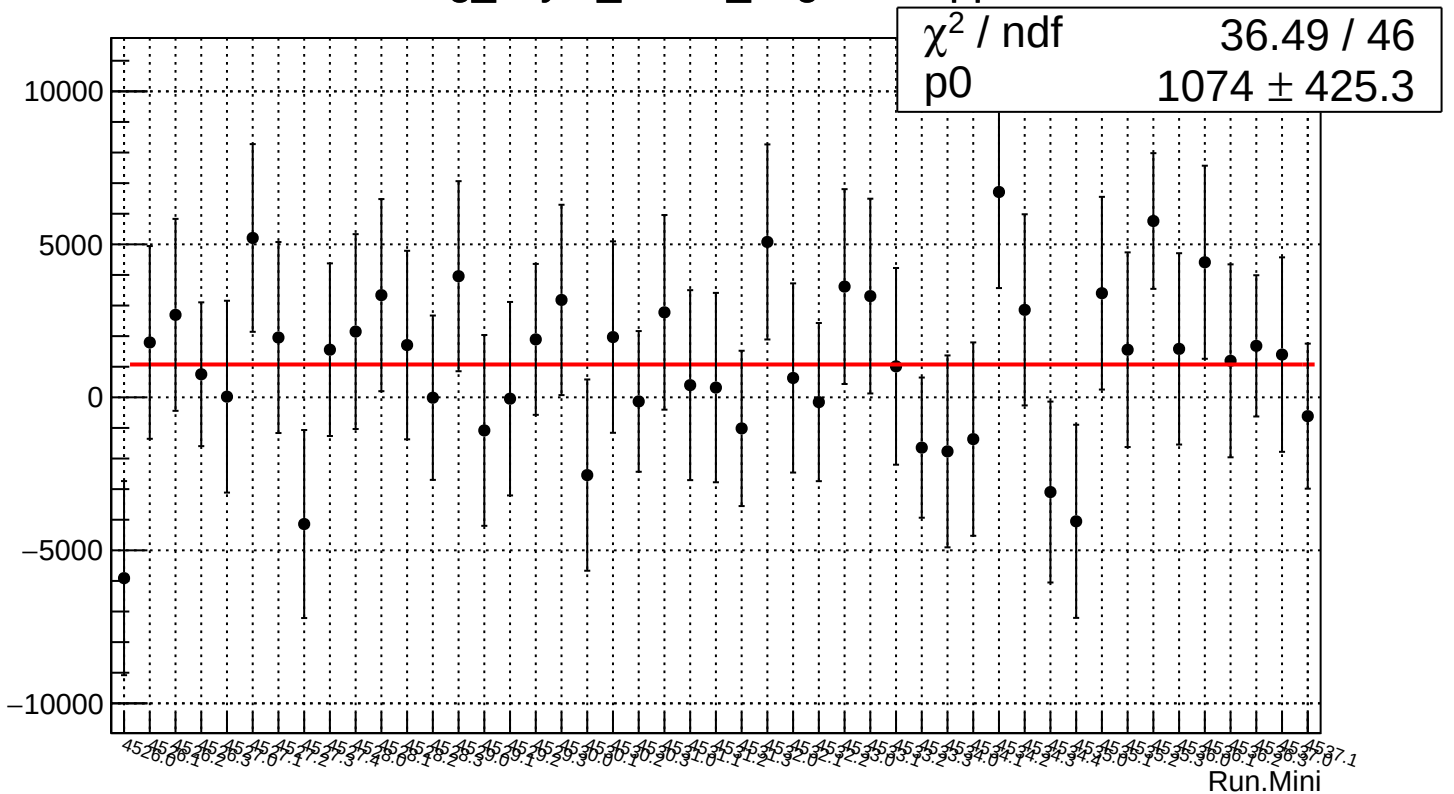

reg_asym_atl_avg.rms/ppm
htemp
Entries 47
Mean 383.9
Std Dev 4.438
4
3.5
3
2.5
2
1.5
1
0.5
0
375
380
385
390
395
reg_asym_atl_avg.rms/ppm

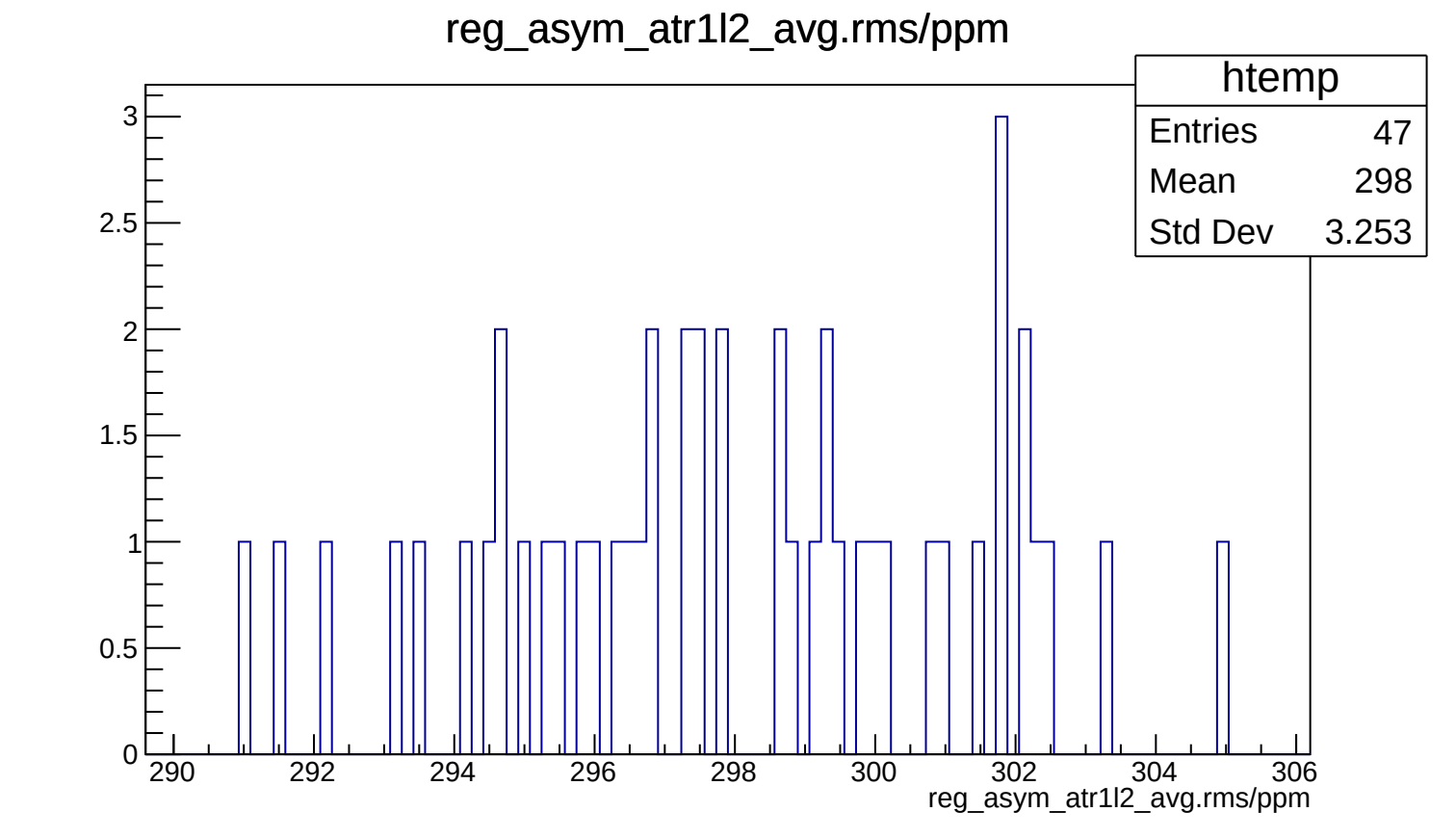

reg_asym_atl_avg.rms/ppm
395
390
385
380
375
Run.Mini

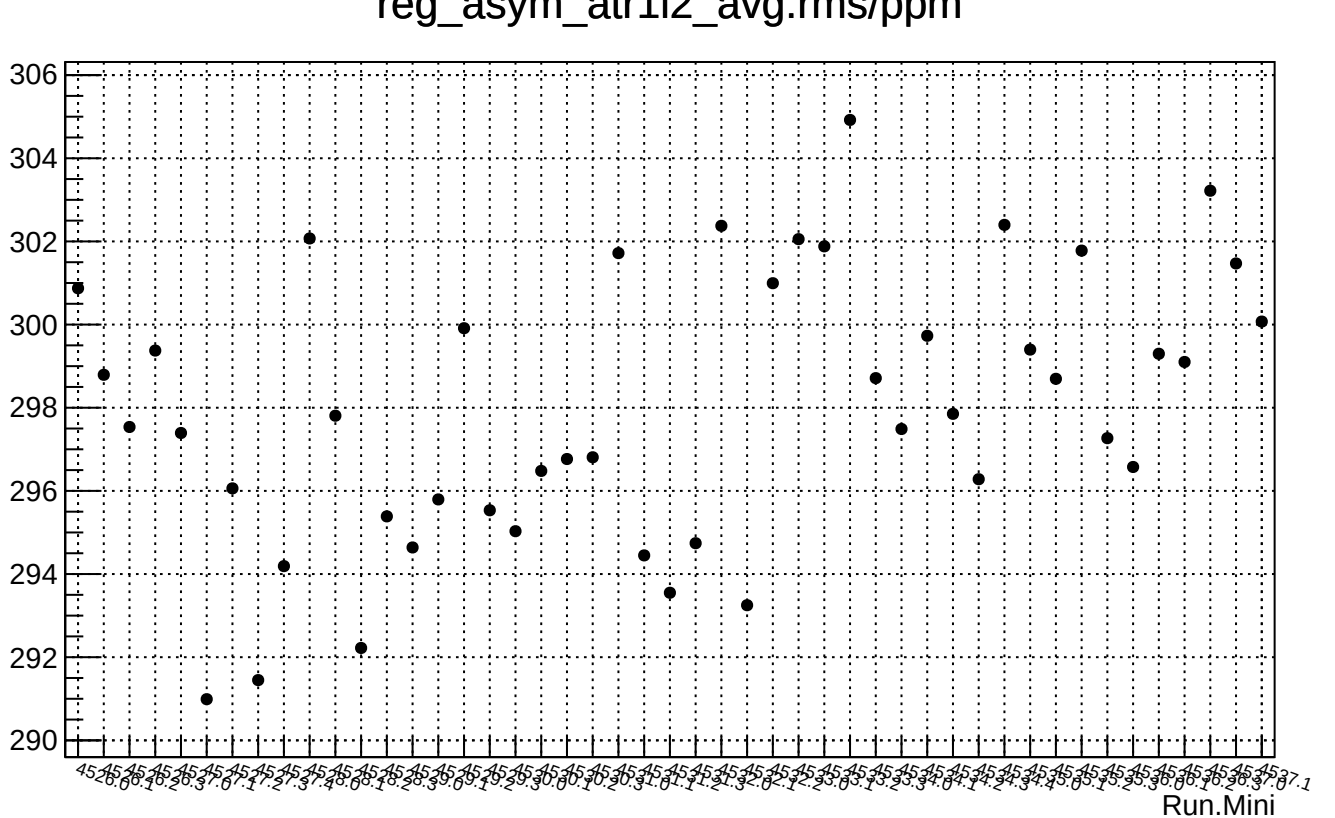

reg_asym_atl_dd.mean/ppb
χ² / ndf 29.84 / 46
p0 –542.9 ± 479.4
10000
5000
0
–5000
–10000
Run.Mini

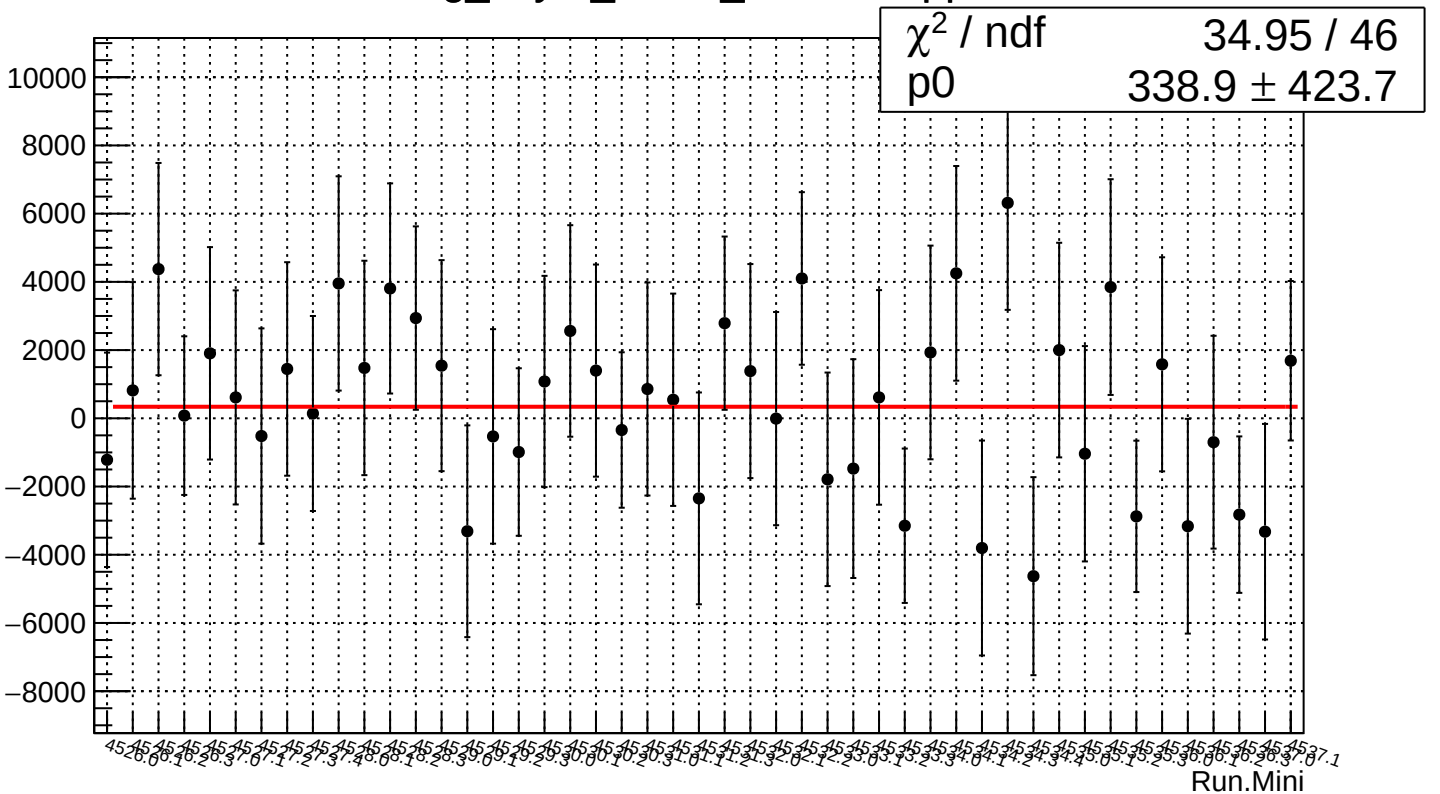

reg_asym_atl_dd.rms/ppm
htemp
Entries 47
Mean 335.9
Std Dev 2.646
3
2.5
2
1.5
1
0.5
0
330
332
334
336
338
340
reg_asym_atl_dd.rms/ppm

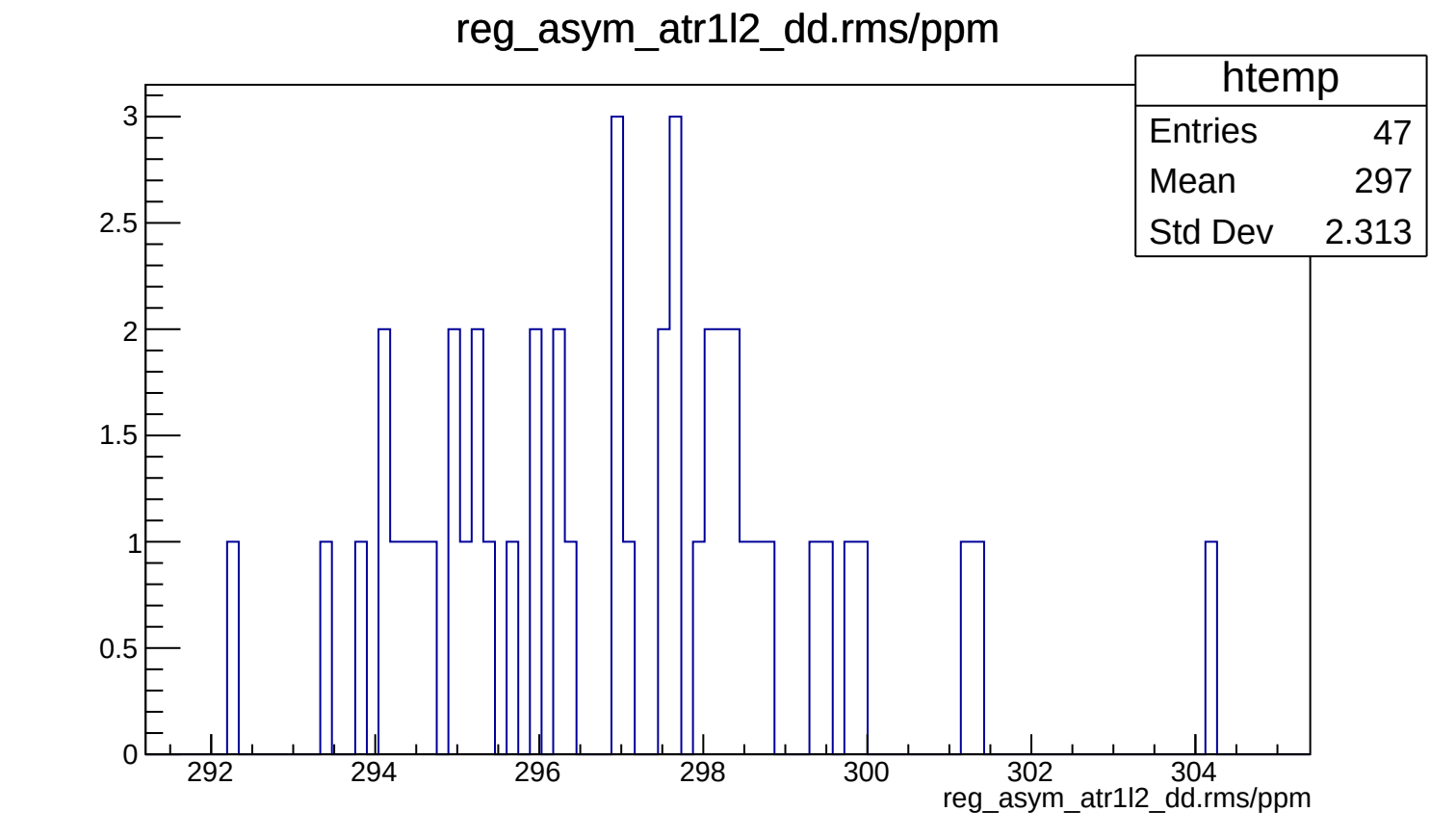

reg_asym_atl_dd.rms/ppm
340
338
336
334
332
330
Run.Mini

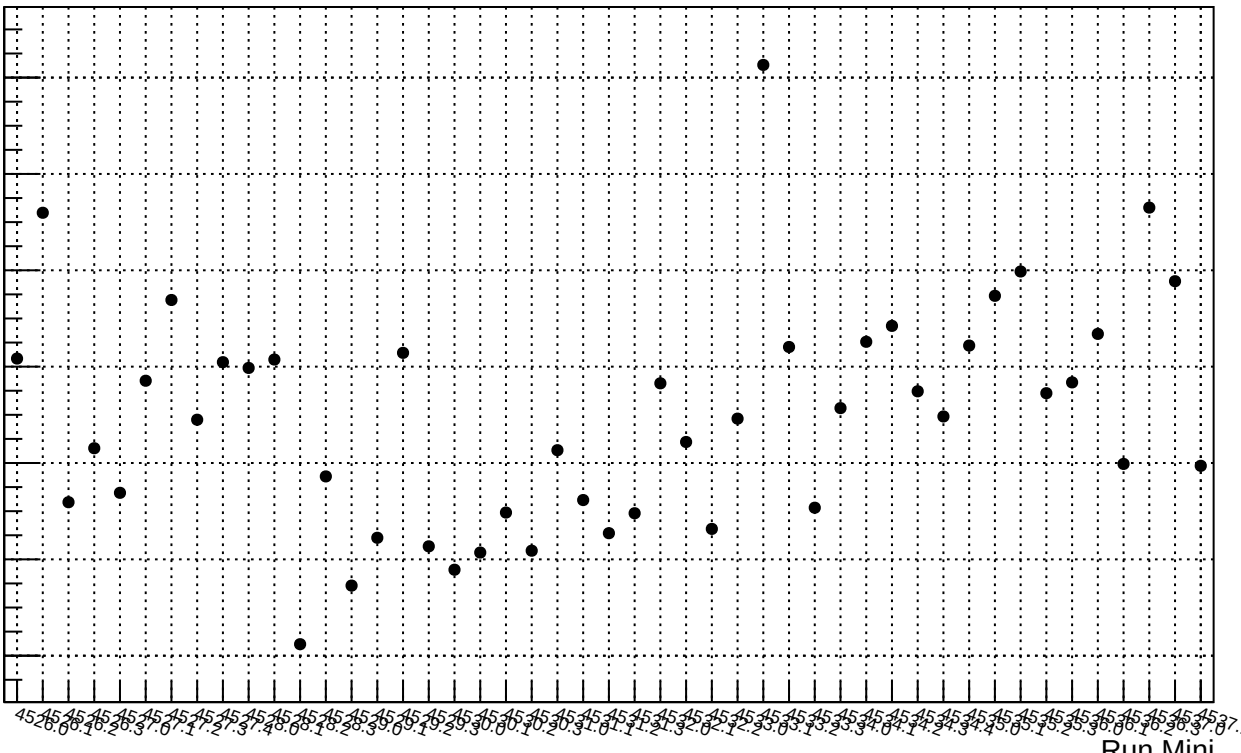

reg_asym_atr1l2_avg.mean/ppb
χ² / ndf 36.49 / 46
p0 1074 ± 425.3
10000
5000
0
−5000
−10000
Run.Mini

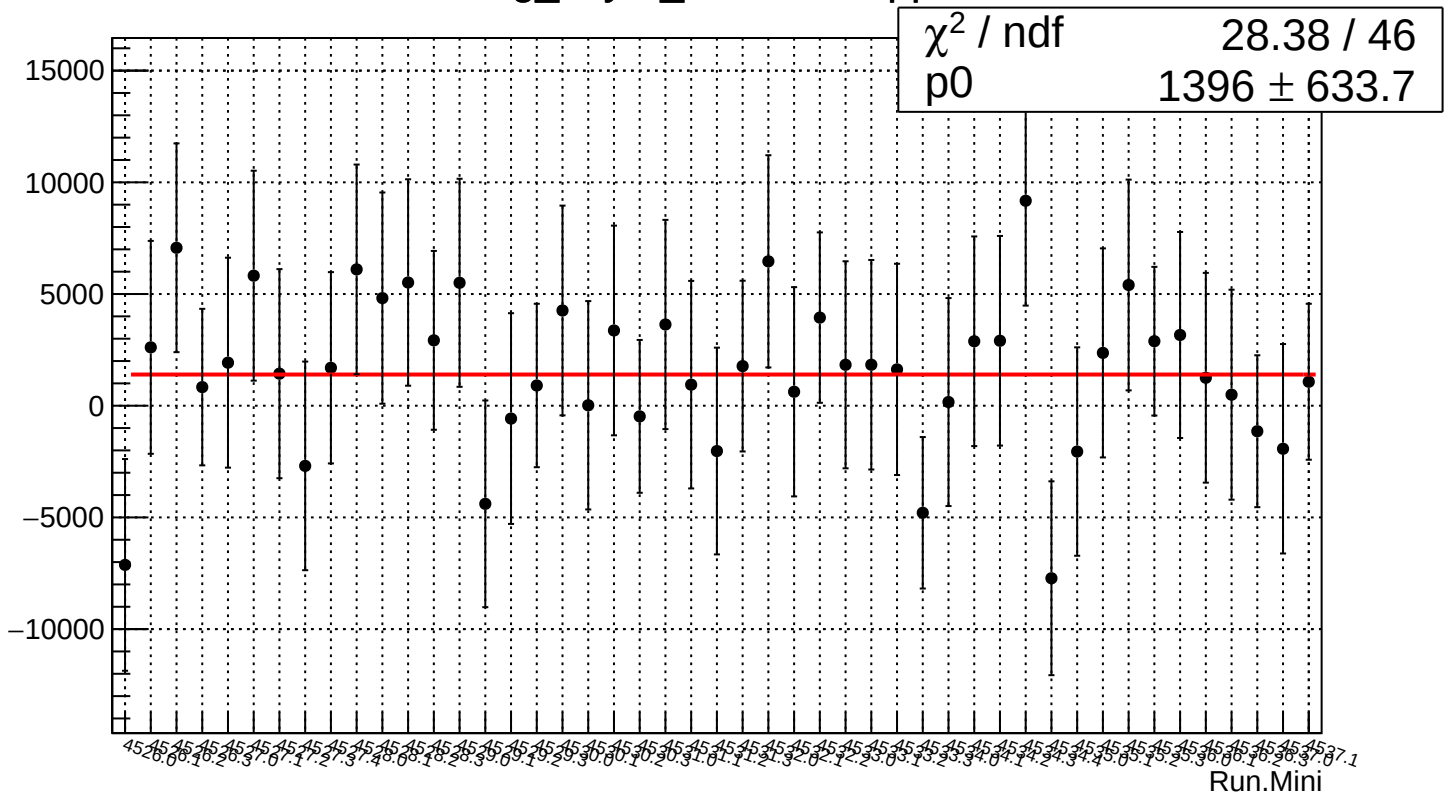

reg_asym_atr1l2_avg.rms/ppm
htemp
Entries 47
Mean 298
Std Dev 3.253
3
2.5
2
1.5
1
0.5
0
290
292
294
296
298
300
302
304
306
reg_asym_atr1l2_avg.rms/ppm

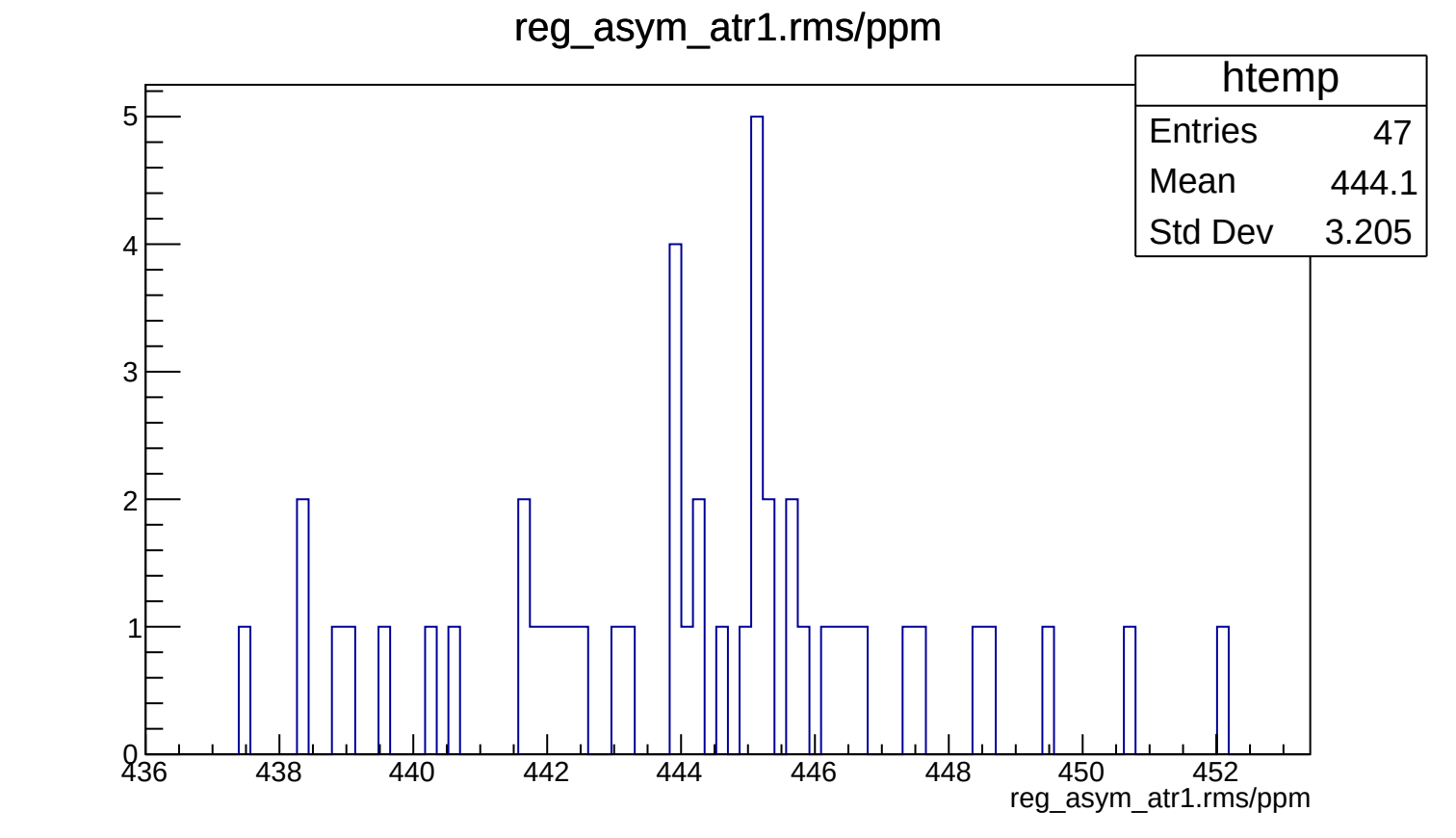

reg_asym_atr1l2_avg.rms/ppm
306
304
302
300
298
296
294
292
290
Run.Mini

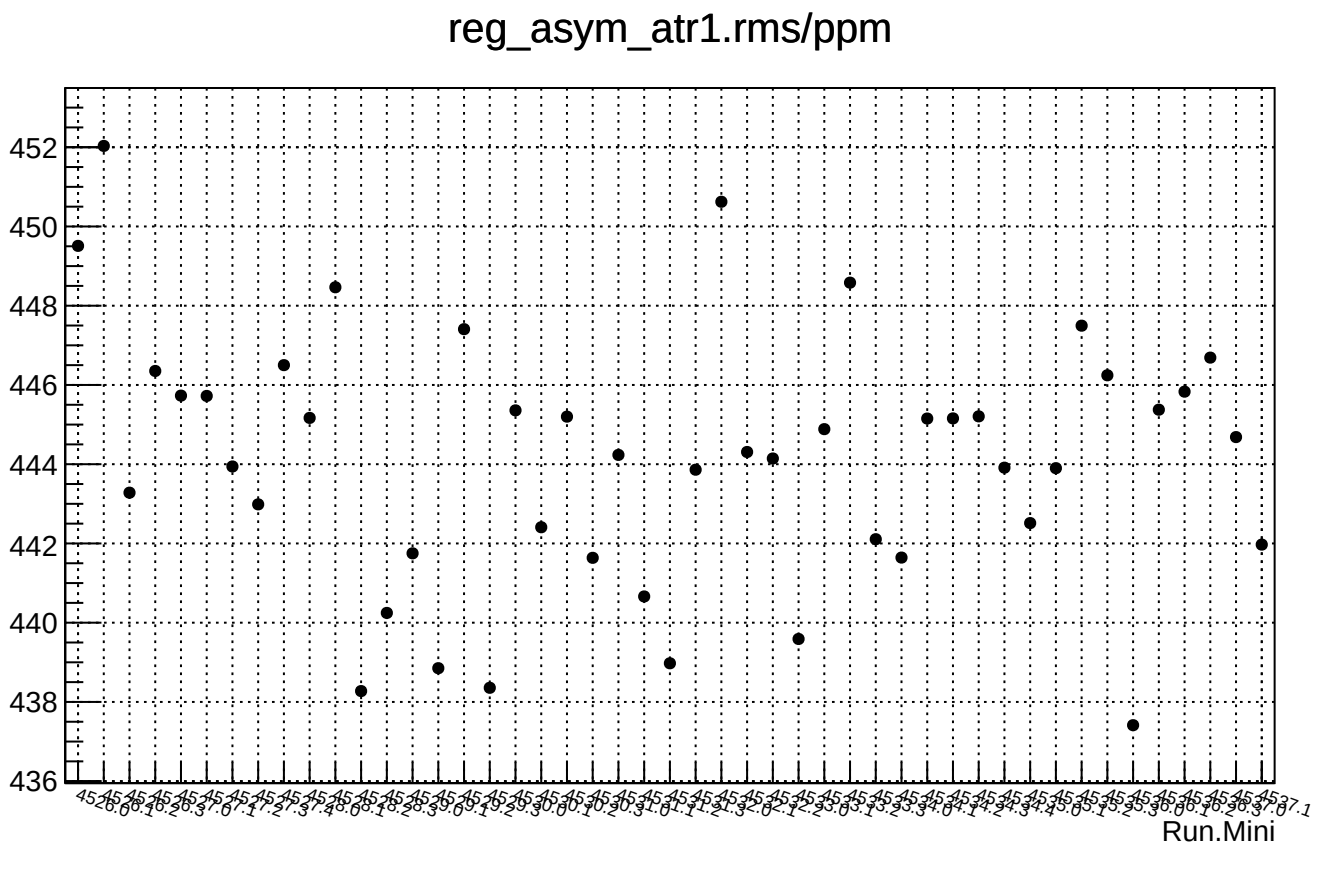

reg_asym_atr1l2_dd.mean/ppb
χ² / ndf 34.95 / 46
p0 338.9 ± 423.7
10000
8000
6000
4000
2000
0
−2000
−4000
−6000
−8000
Run.Mini

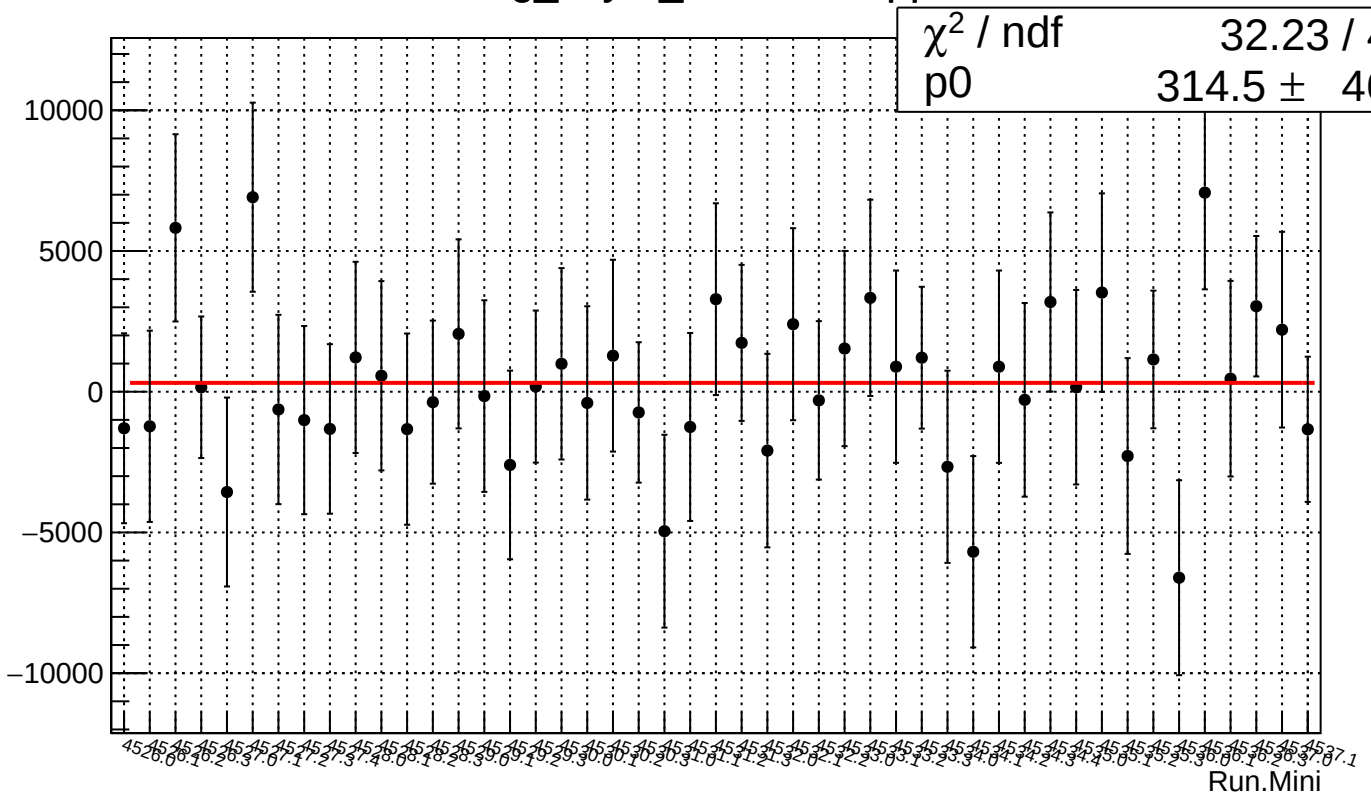

reg_asym_atr1l2_dd.rms/ppm
htemp
Entries 47
Mean 297
Std Dev 2.313
3
2.5
2
1.5
1
0.5
0
292
294
296
298
300
302
304
reg_asym_atr1l2_dd.rms/ppm

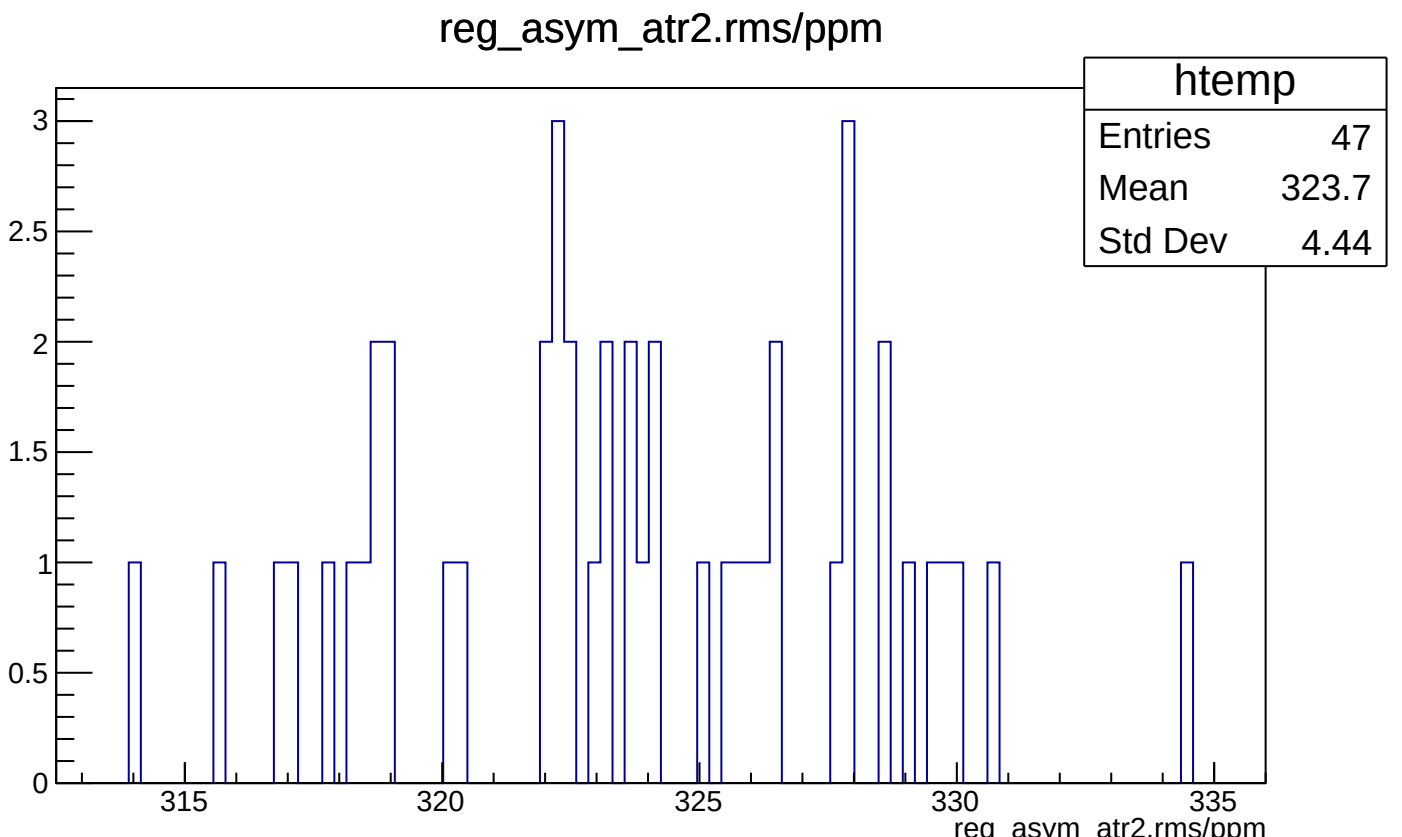

reg_asym_atr1l2_dd.rms/ppm
304
302
300
298
296
294
292
Run.Mini

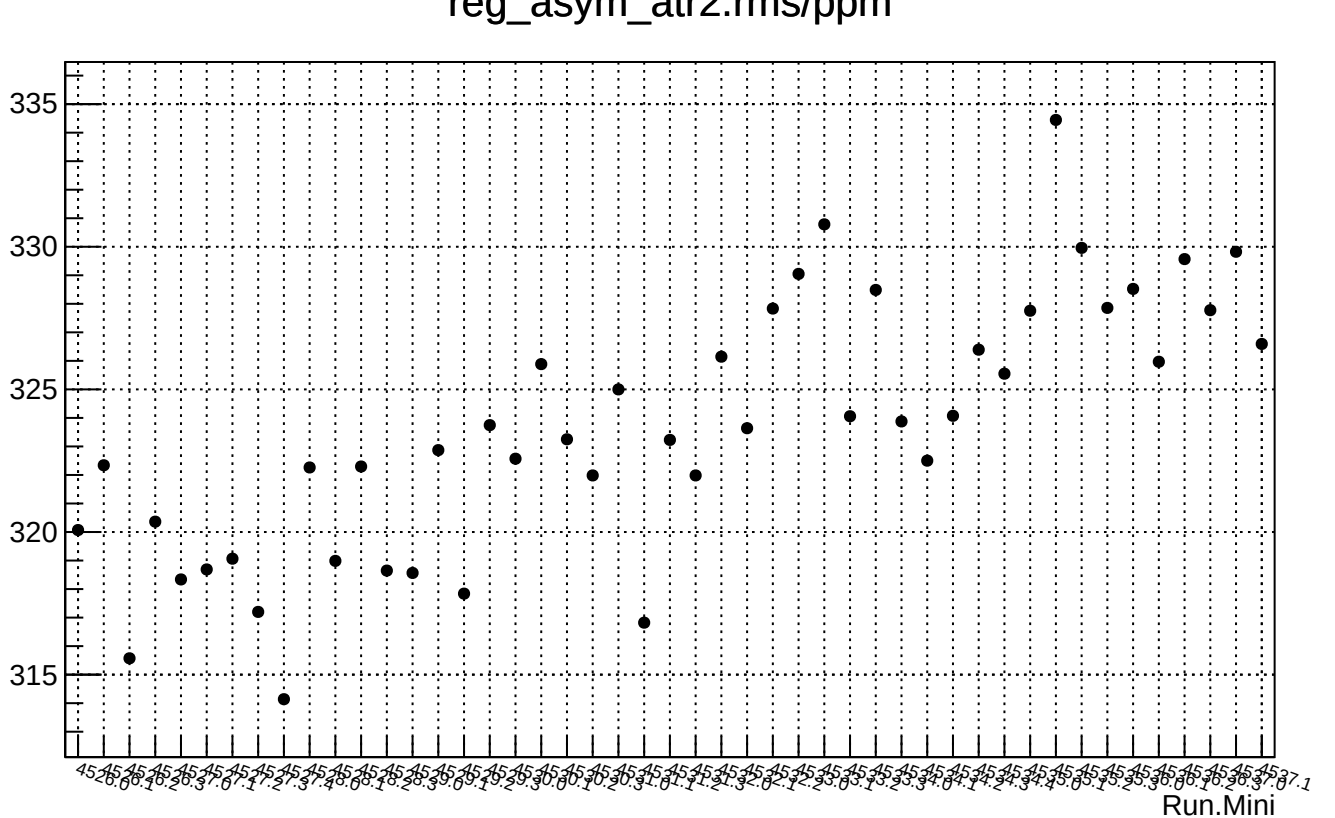

reg_asym_atr1.mean/ppb
χ² / ndf 28.38 / 46
p0 1396 ± 633.7
15000
10000
5000
0
−5000
−10000
Run.Mini

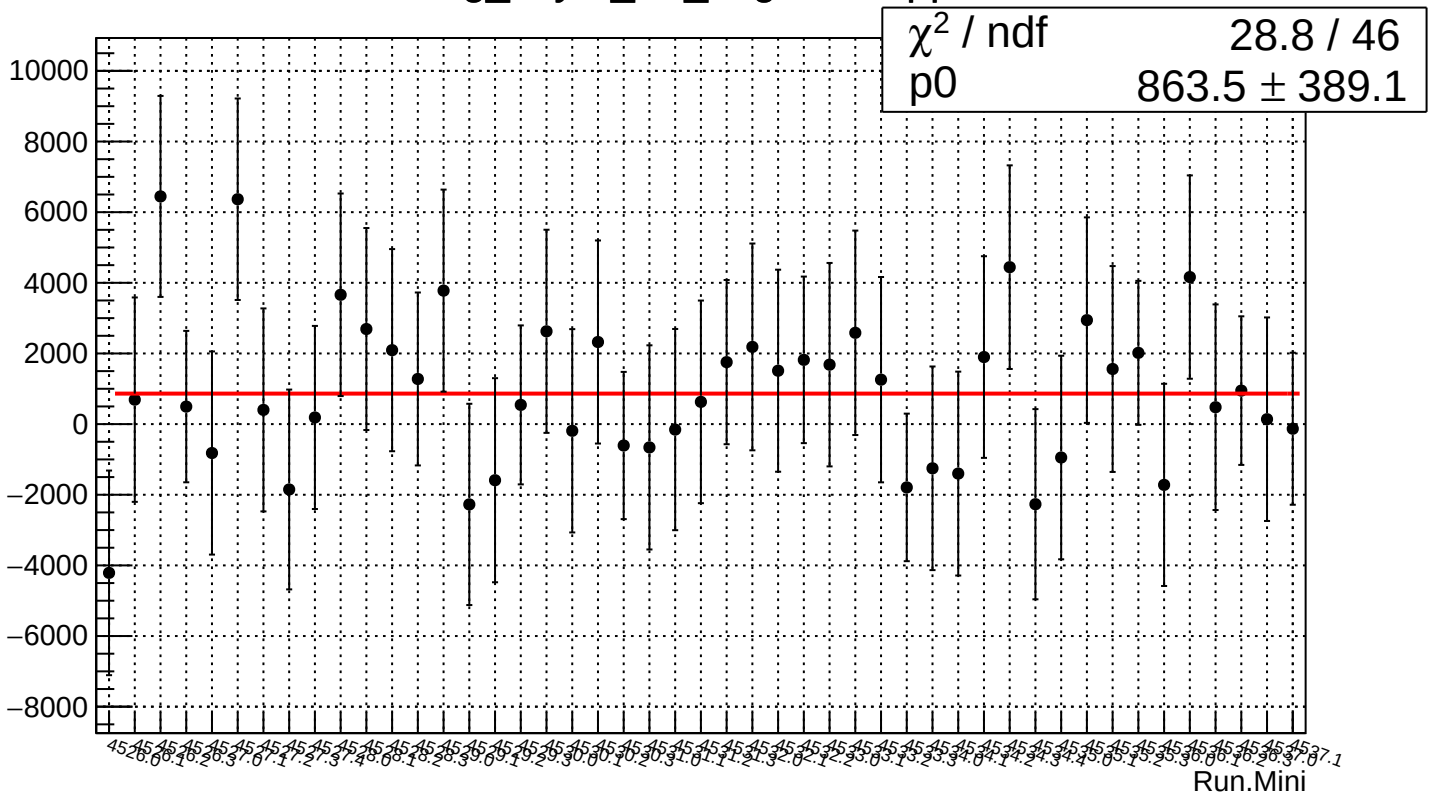

reg_asym_atr1.rms/ppm
htemp
Entries 47
Mean 444.1
Std Dev 3.205
0
1
2
3
4
5
436
438
440
442
444
446
448
450
452
reg_asym_atr1.rms/ppm

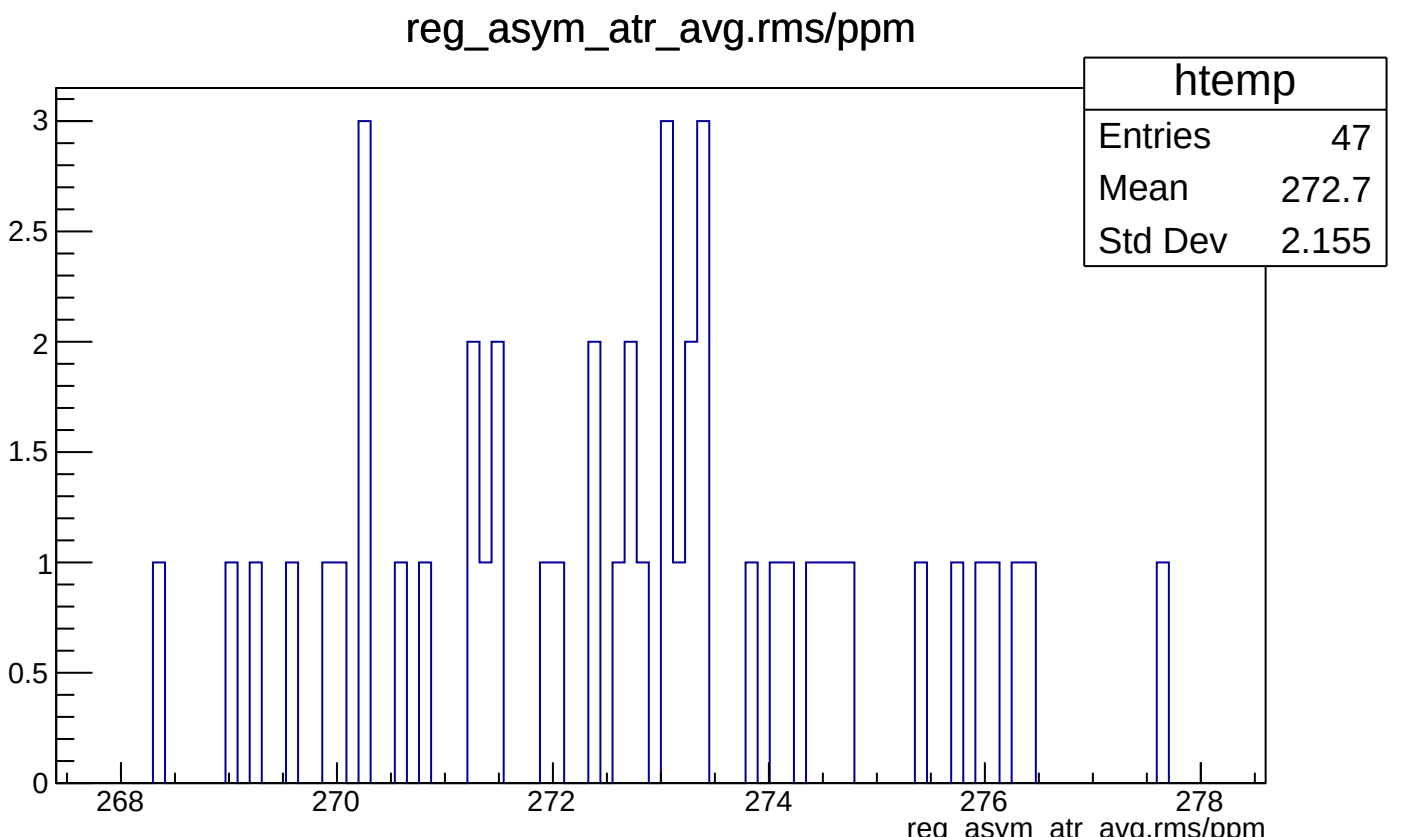

reg_asym_atr1.rms/ppm
452
450
448
446
444
442
440
438
436
Run.Mini

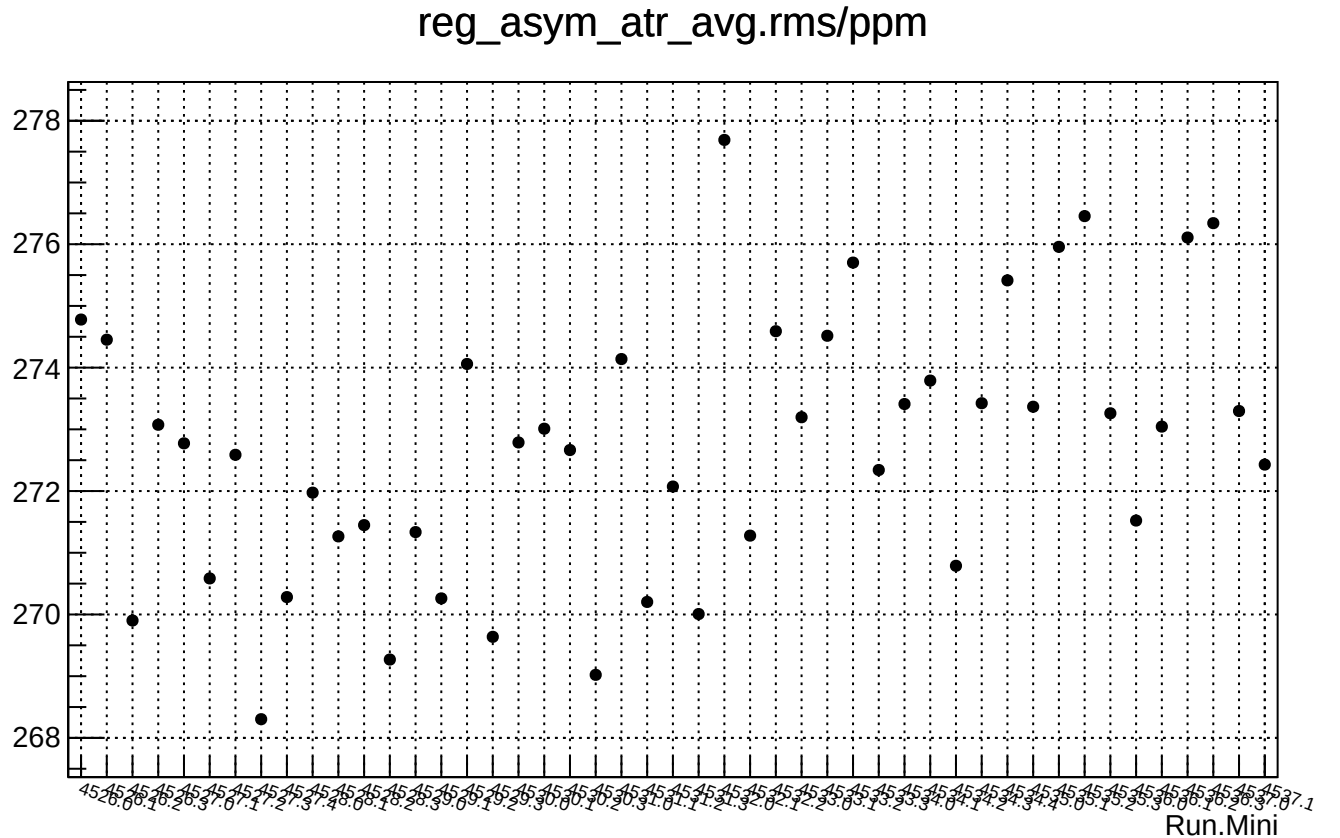

reg_asym_atr2.mean/ppb
χ² / ndf 32.23 / 46
p0 314.5 ± 462
10000
5000
0
−5000
−10000
Run.Mini

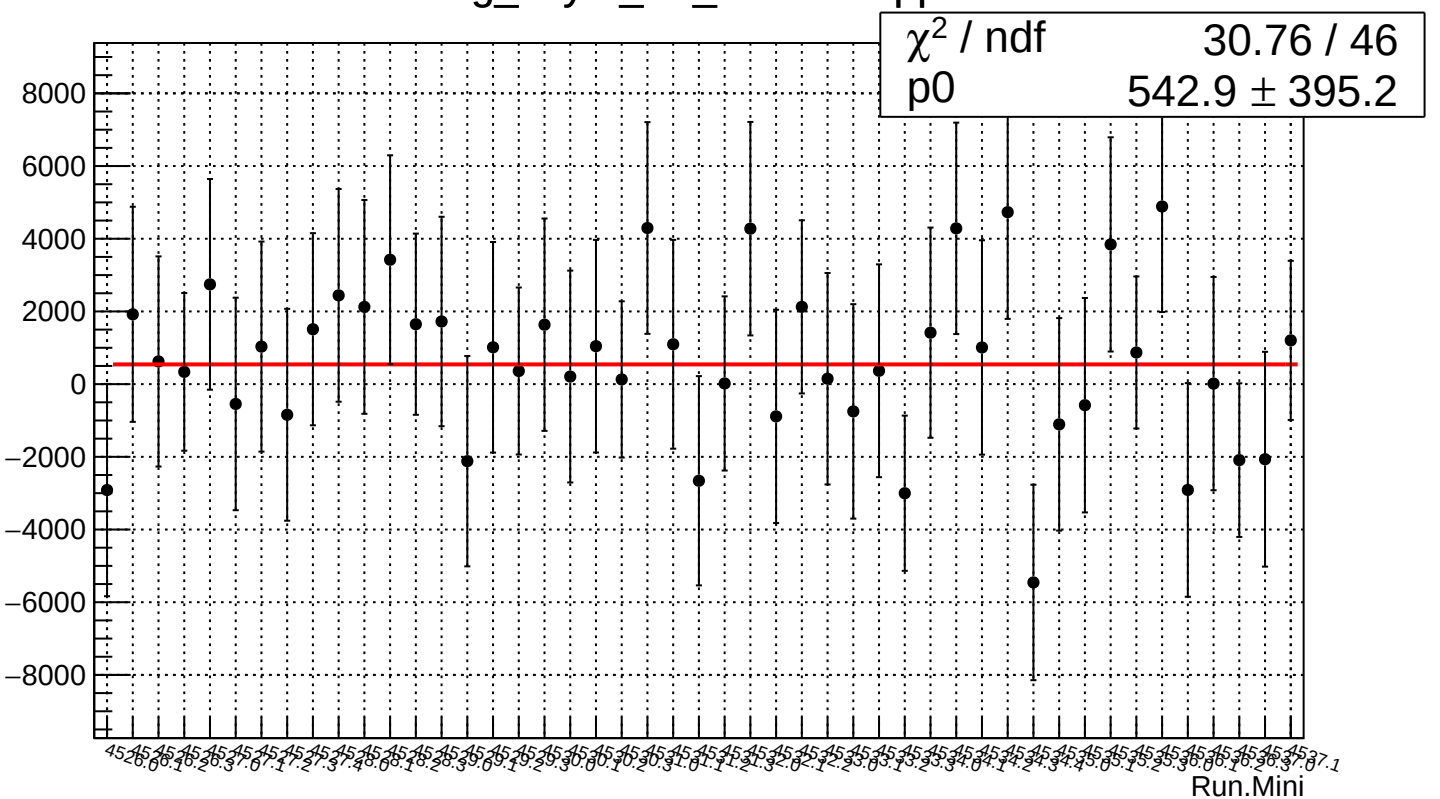

reg_asym_atr2.rms/ppm
htemp
Entries 47
Mean 323.7
Std Dev 4.44
3
2.5
2
1.5
1
0.5
0
315
320
325
330
335
reg_asym_atr2.rms/ppm

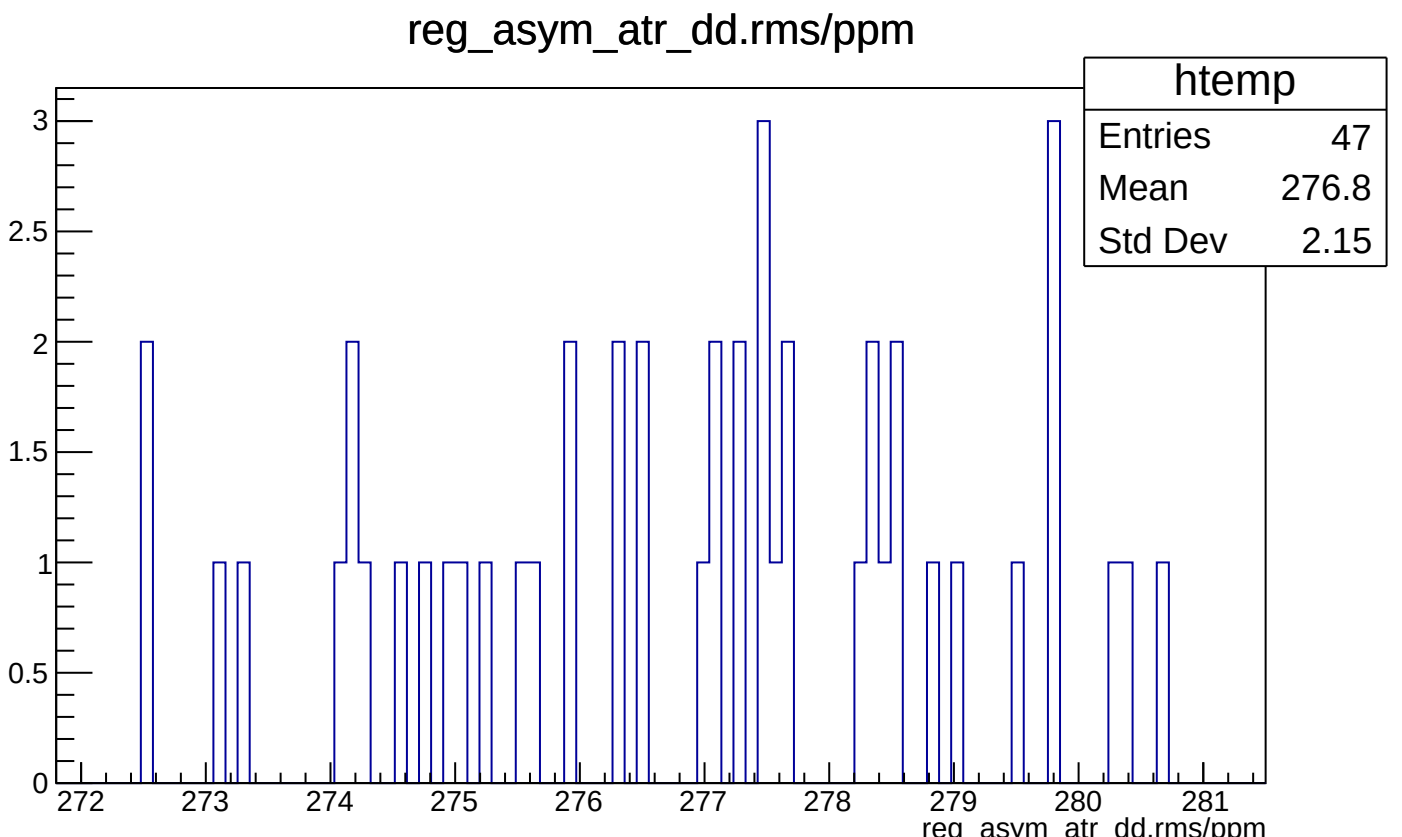

reg_asym_atr2.rms/ppm
335
330
325
320
315
Run.Mini

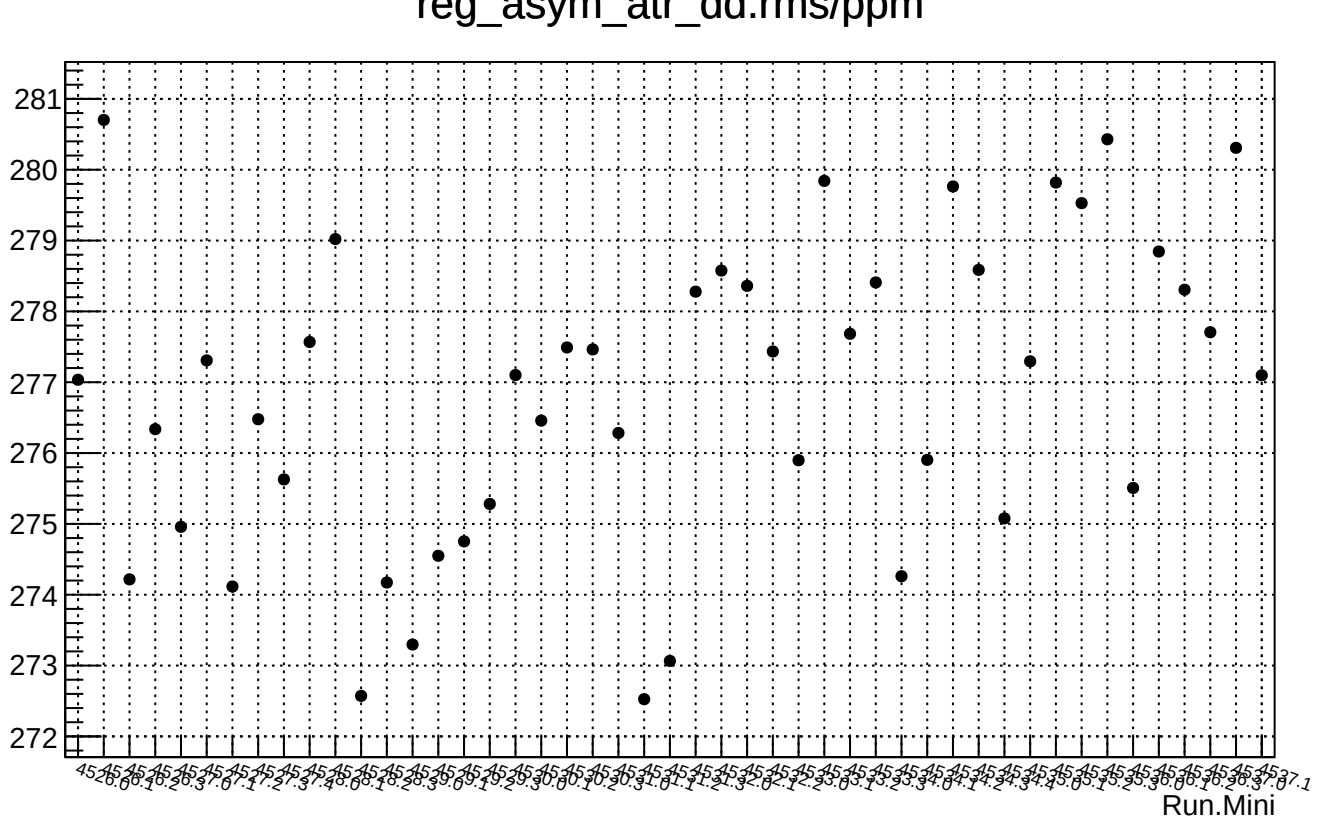

reg_asym_atr_avg.mean/ppb
χ² / ndf 28.8 / 46
p0 863.5 ± 389.1
10000
8000
6000
4000
2000
0
−2000
−4000
−6000
−8000
Run.Mini

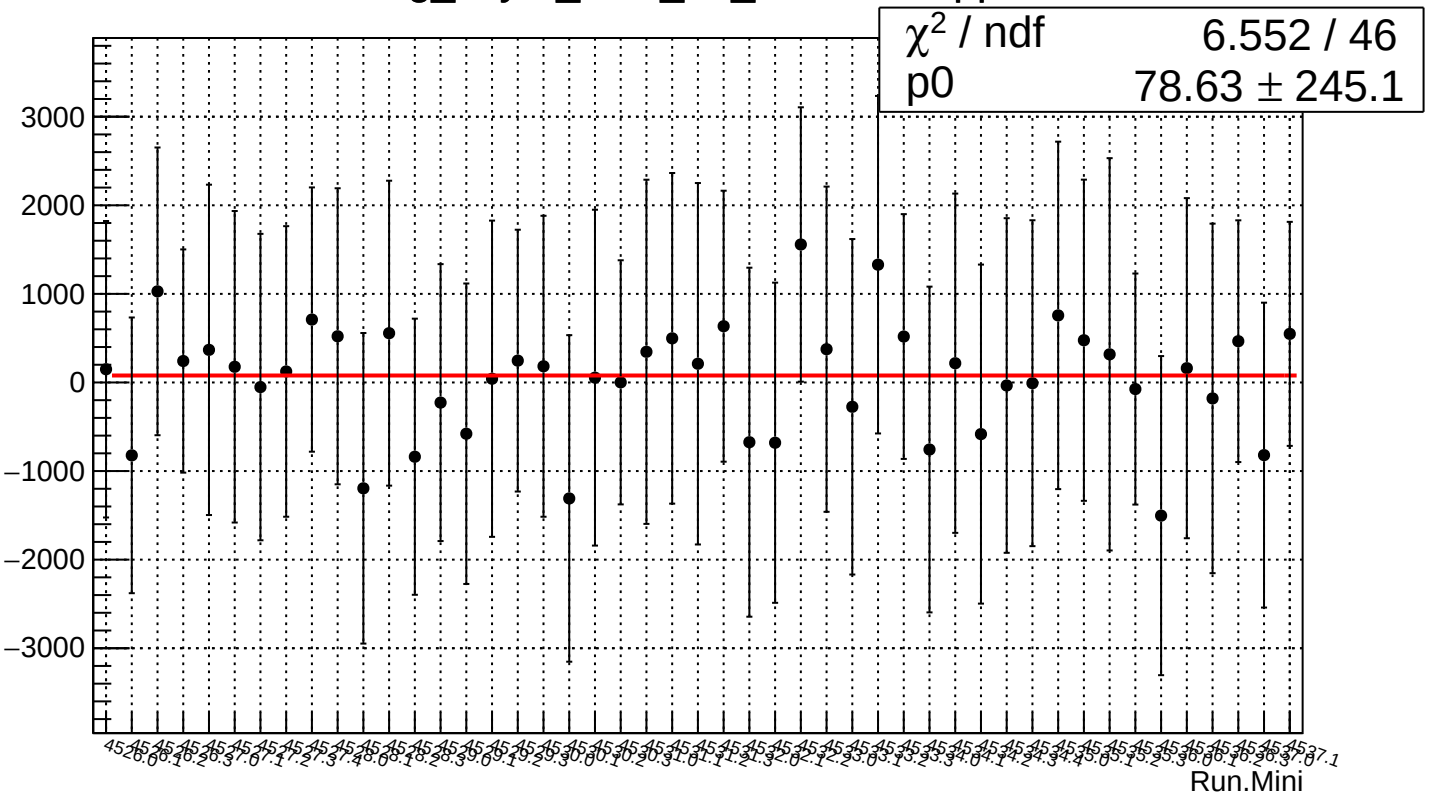

reg_asym_atr_avg.rms/ppm
htemp
Entries 47
Mean 272.7
Std Dev 2.155
3
2.5
2
1.5
1
0.5
0
268
270
272
274
276
278
reg_asym_atr_avg.rms/ppm

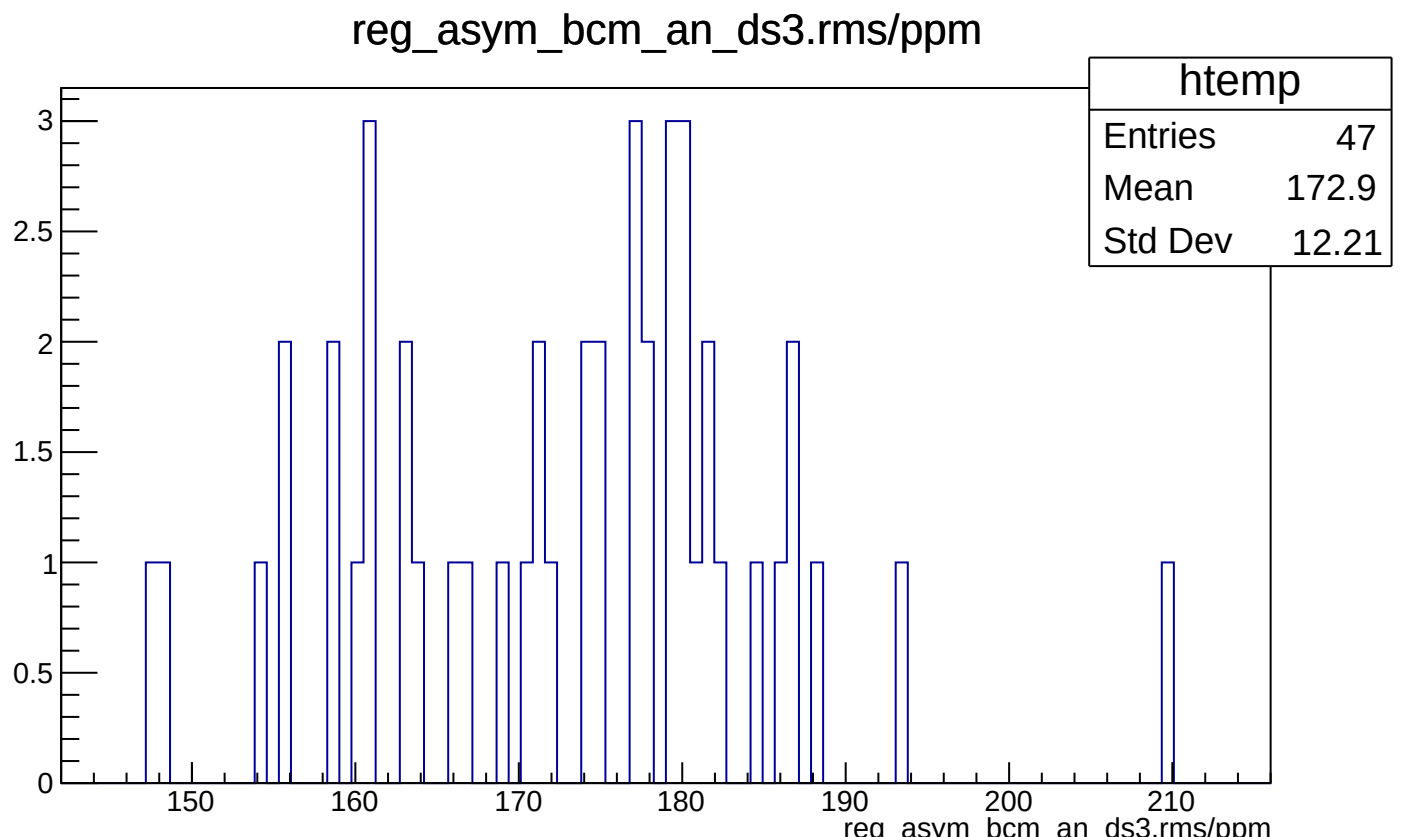

reg_asym_atr_avg.rms/ppm
278
276
274
272
270
268
Run.Mini

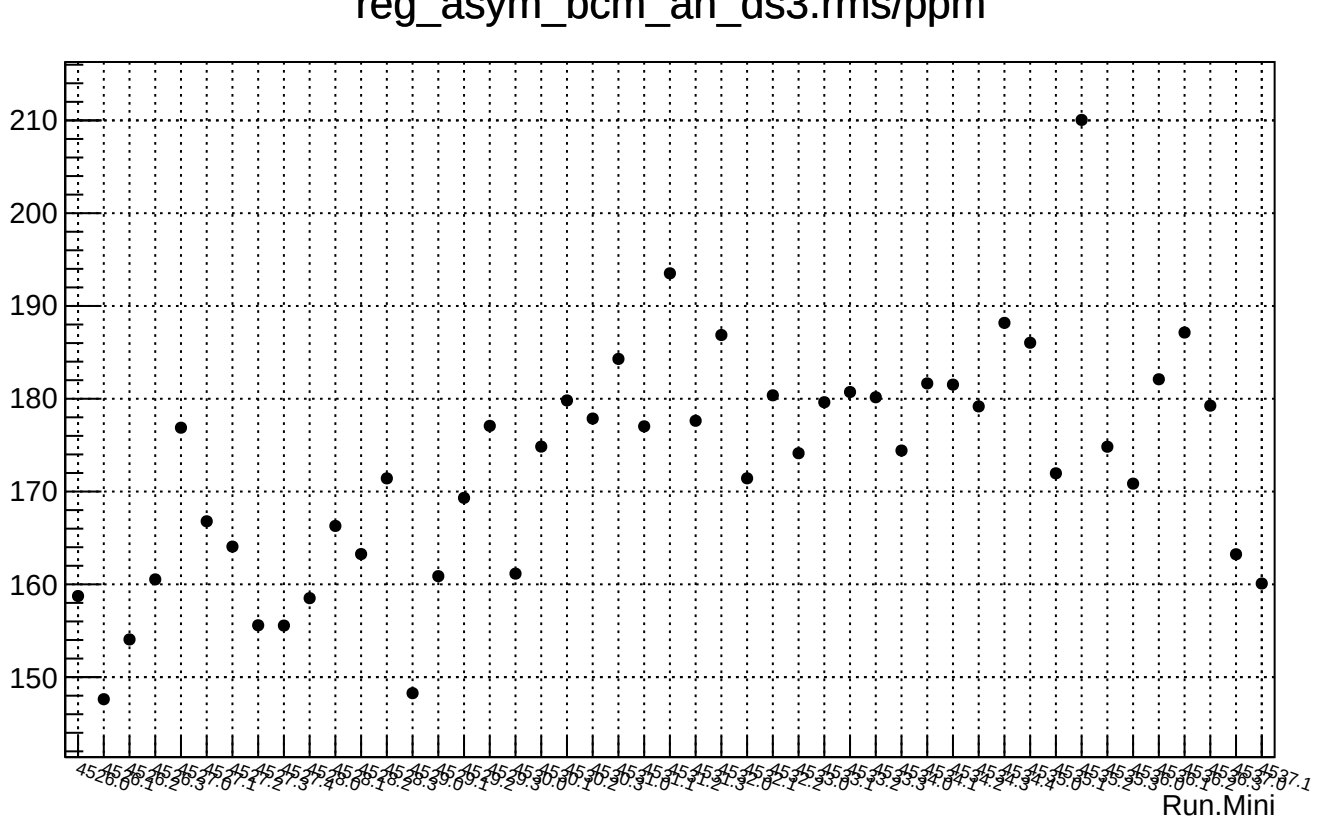

reg_asym_atr_dd.mean/ppb
χ² / ndf 30.76 / 46
p0 542.9 ± 395.2
8000
6000
4000
2000
0
−2000
−4000
−6000
−8000
Run.Mini

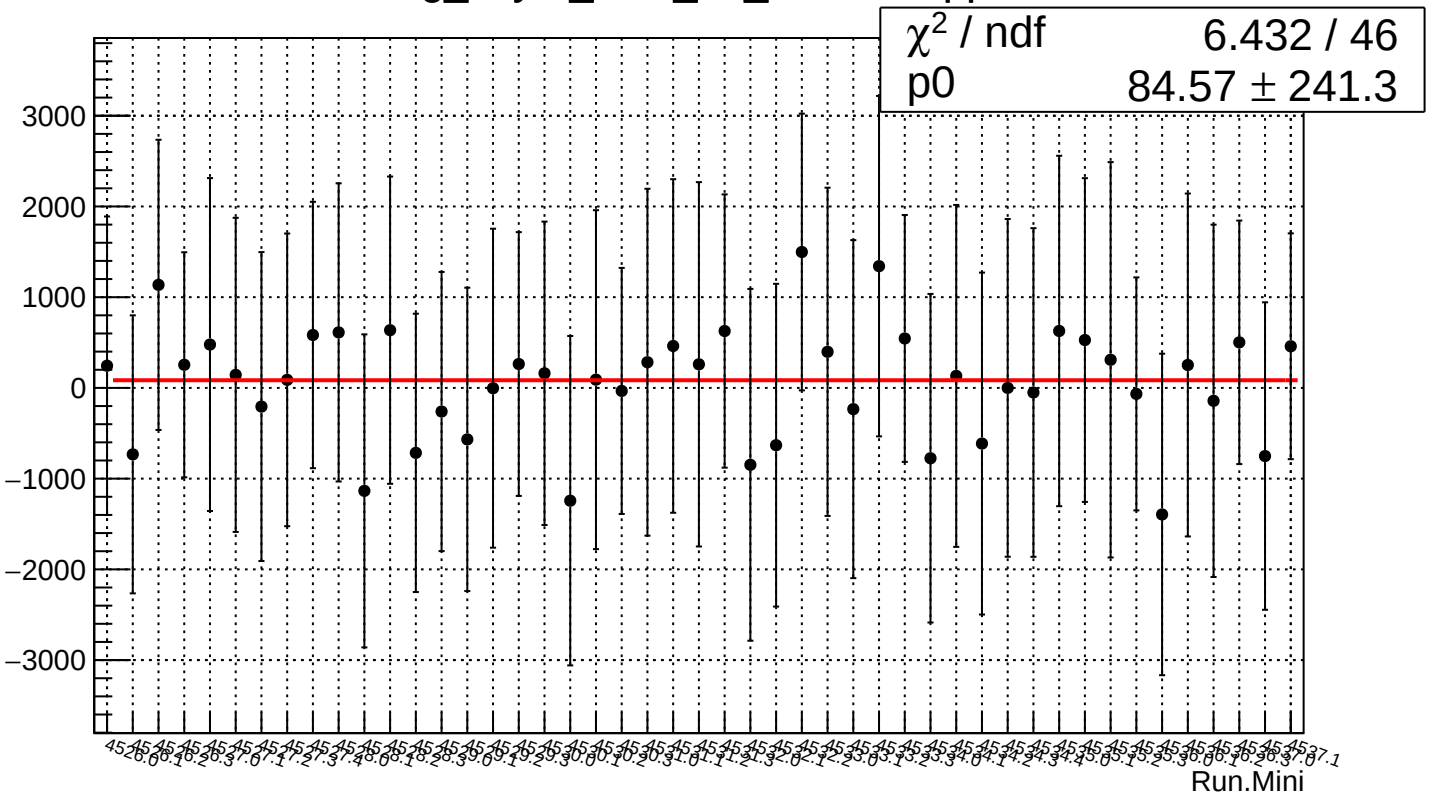

reg_asym_atr_dd.rms/ppm
htemp
Entries 47
Mean 276.8
Std Dev 2.15
3
2.5
2
1.5
1
0.5
0
272
273
274
275
276
277
278
279
280
281
reg_asym_atr_dd.rms/ppm

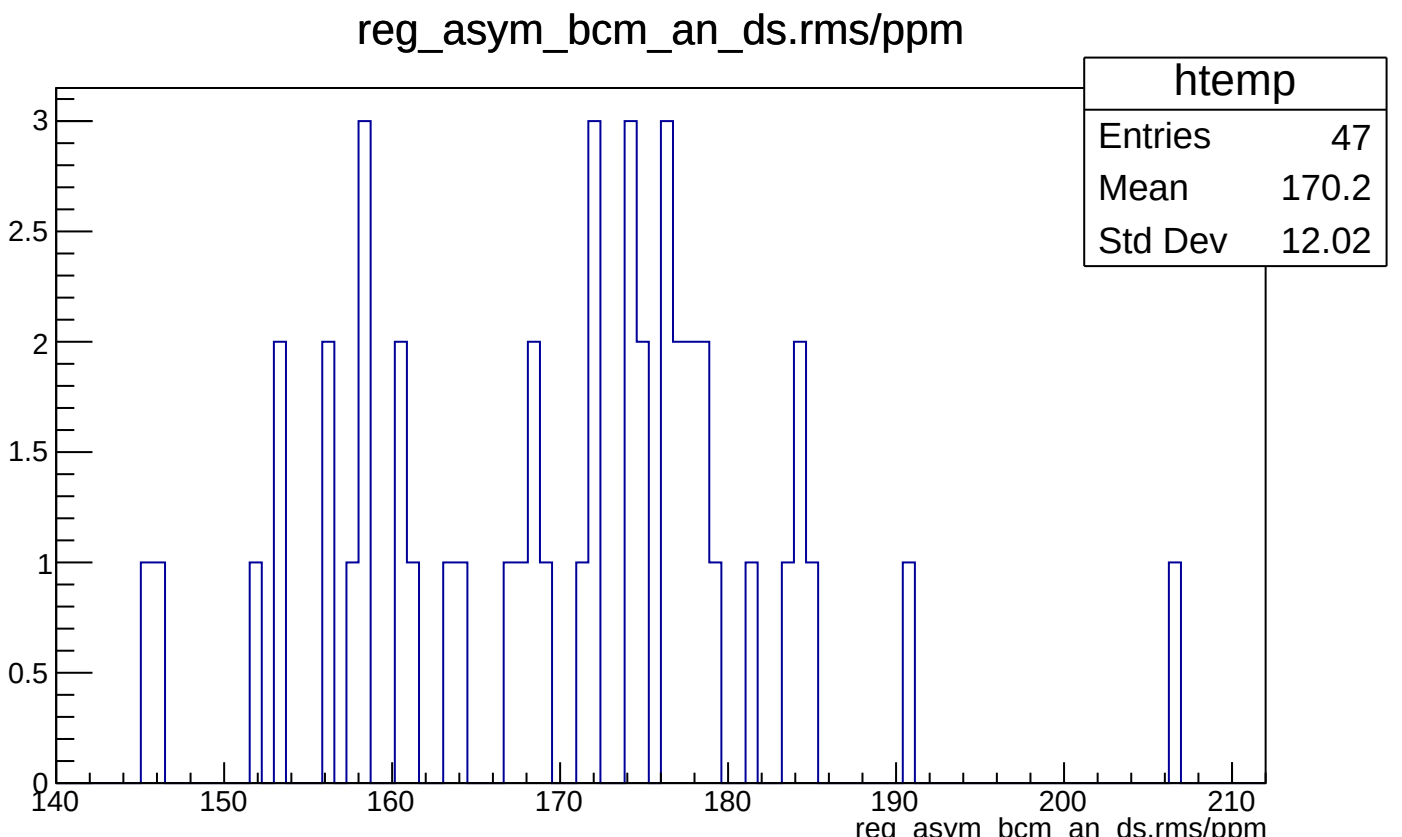

reg_asym_atr_dd.rms/ppm
281
280
279
278
277
276
275
274
273
272
Run.Mini

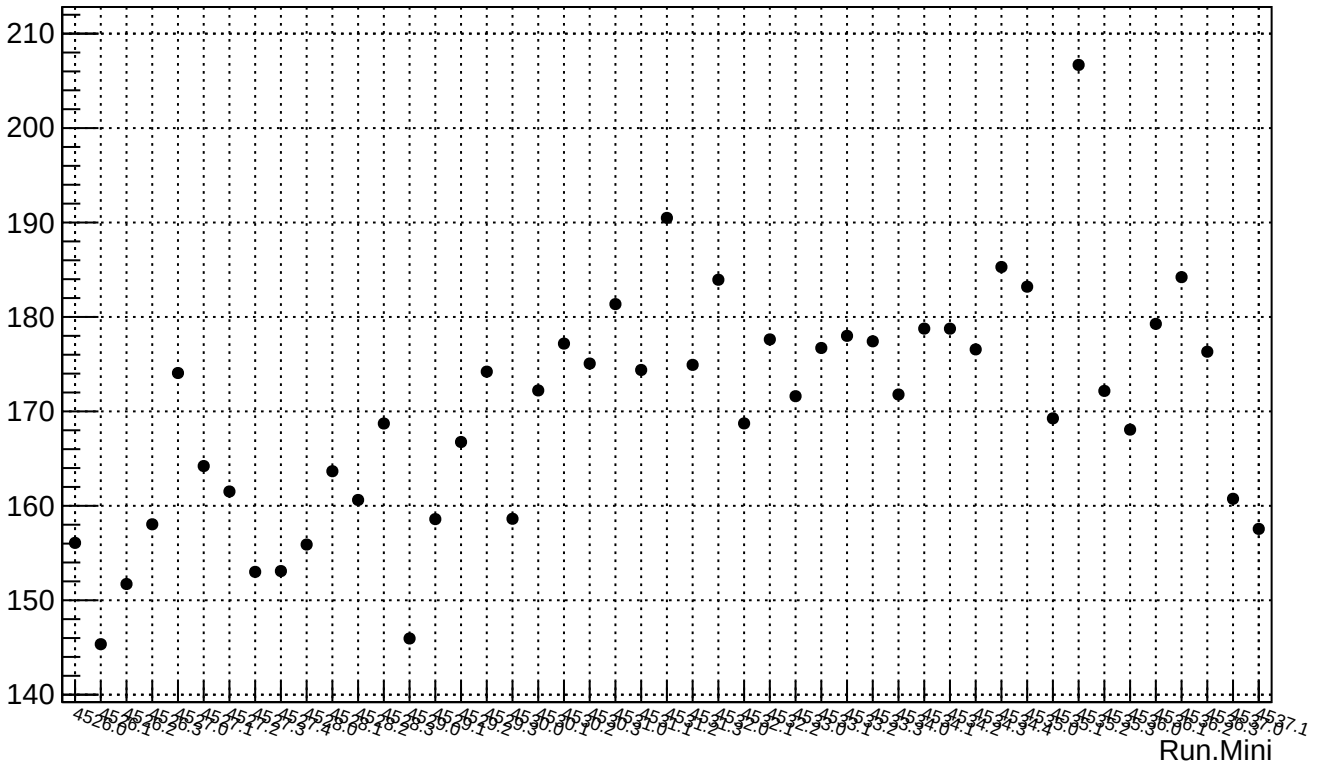

reg_asym_bcm_an_ds3.mean/ppb
χ² / ndf 6.552 / 46
p0 78.63 ± 245.1
3000
2000
1000
0
−1000
−2000
−3000
Run.Mini

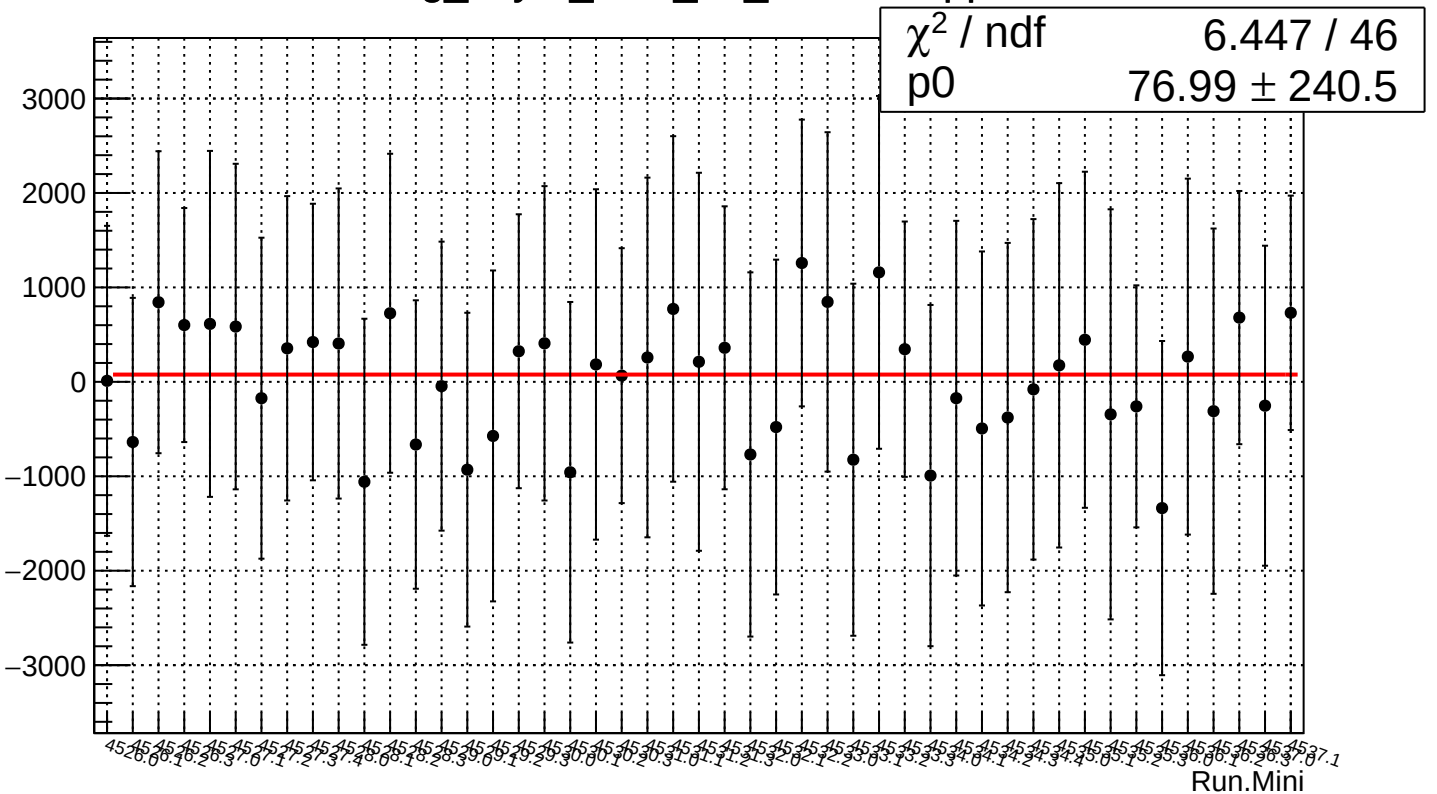

reg_asym_bcm_an_ds3.rms/ppm
htemp
Entries 47
Mean 172.9
Std Dev 12.21
3
2.5
2
1.5
1
0.5
0
150
160
170
180
190
200
210
reg_asym_bcm_an_ds3.rms/ppm

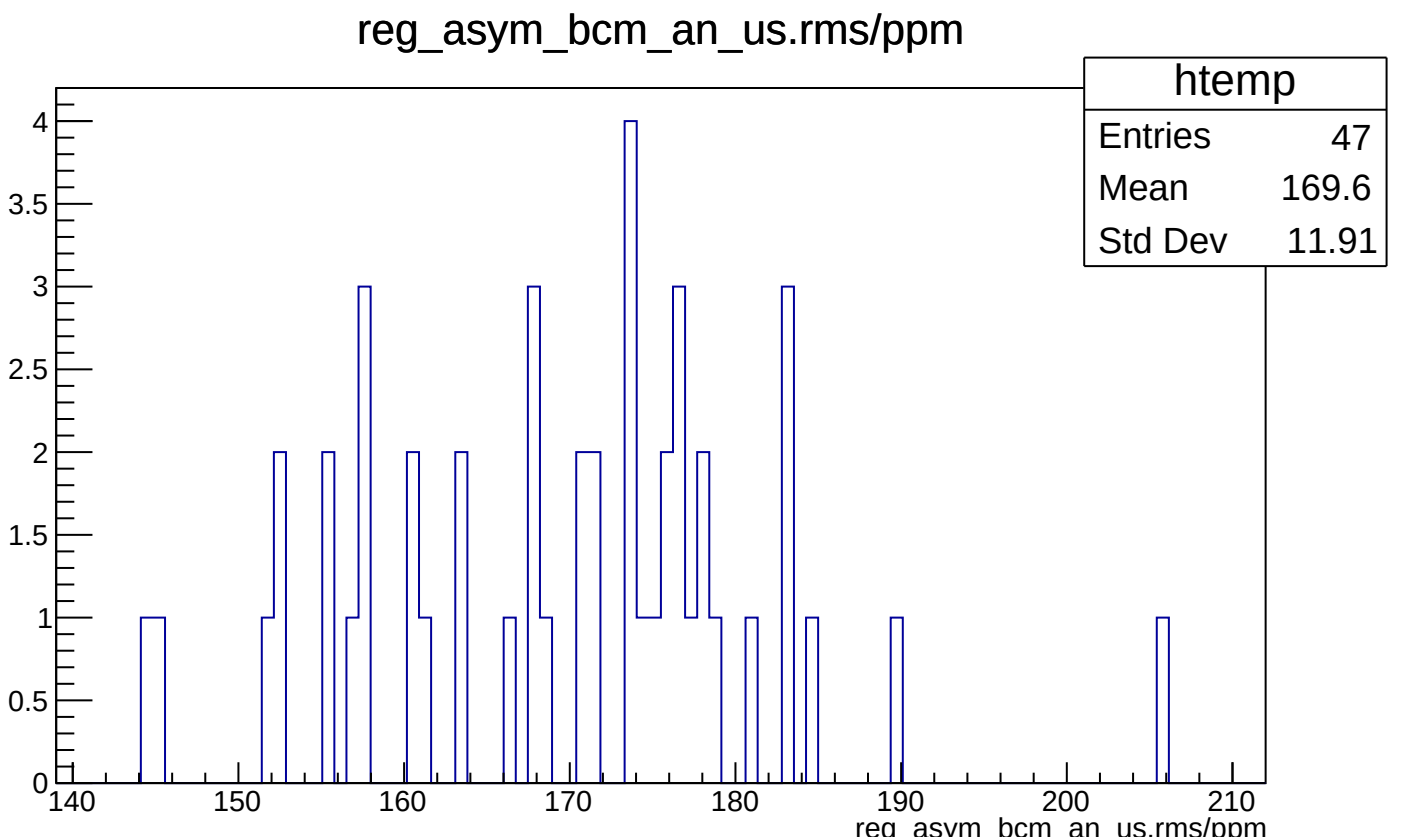

reg_asym_bcm_an_ds3.rms/ppm
210
200
190
180
170
160
150
Run.Mini

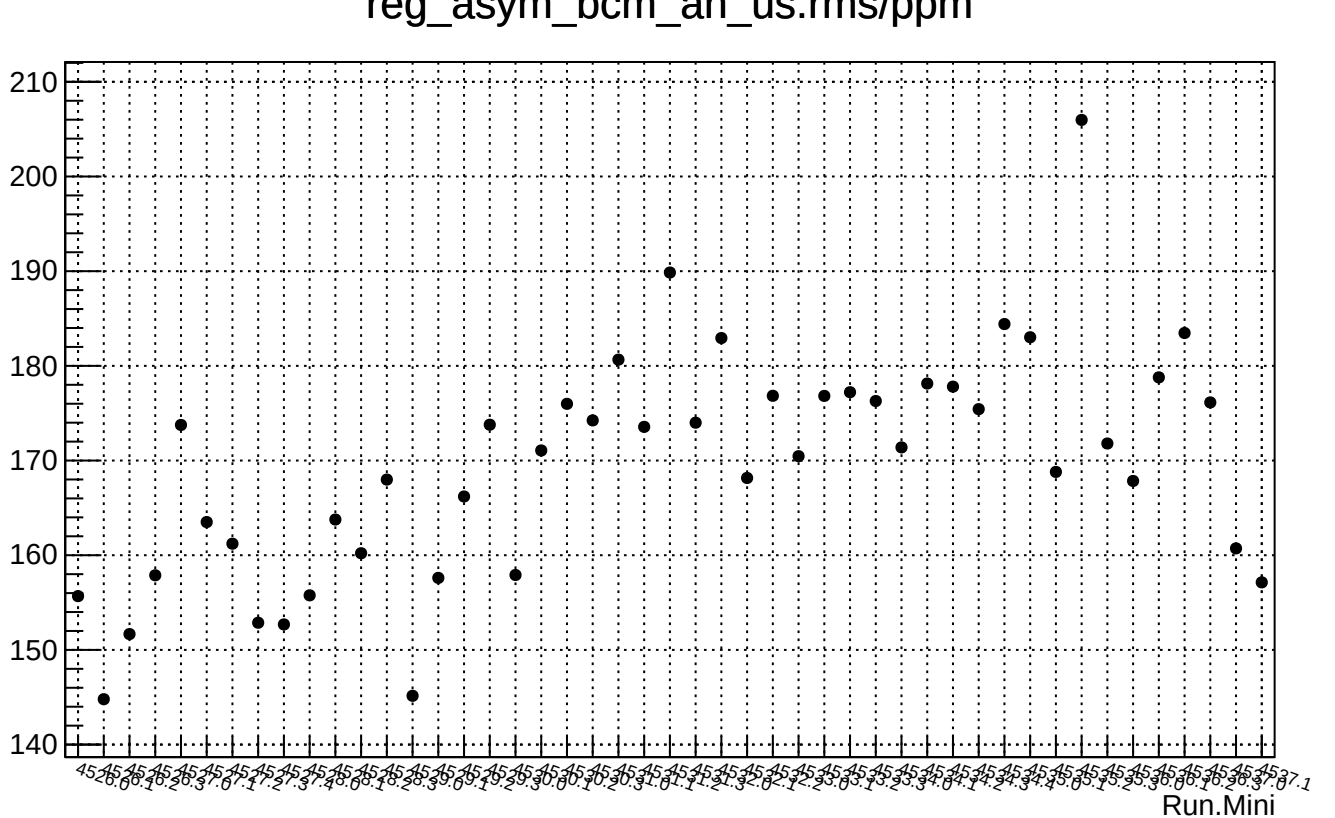

reg_asym_bcm_an_ds.mean/ppb
χ² / ndf 6.432 / 46
p0 84.57 ± 241.3
3000
2000
1000
0
−1000
−2000
−3000
Run.Mini

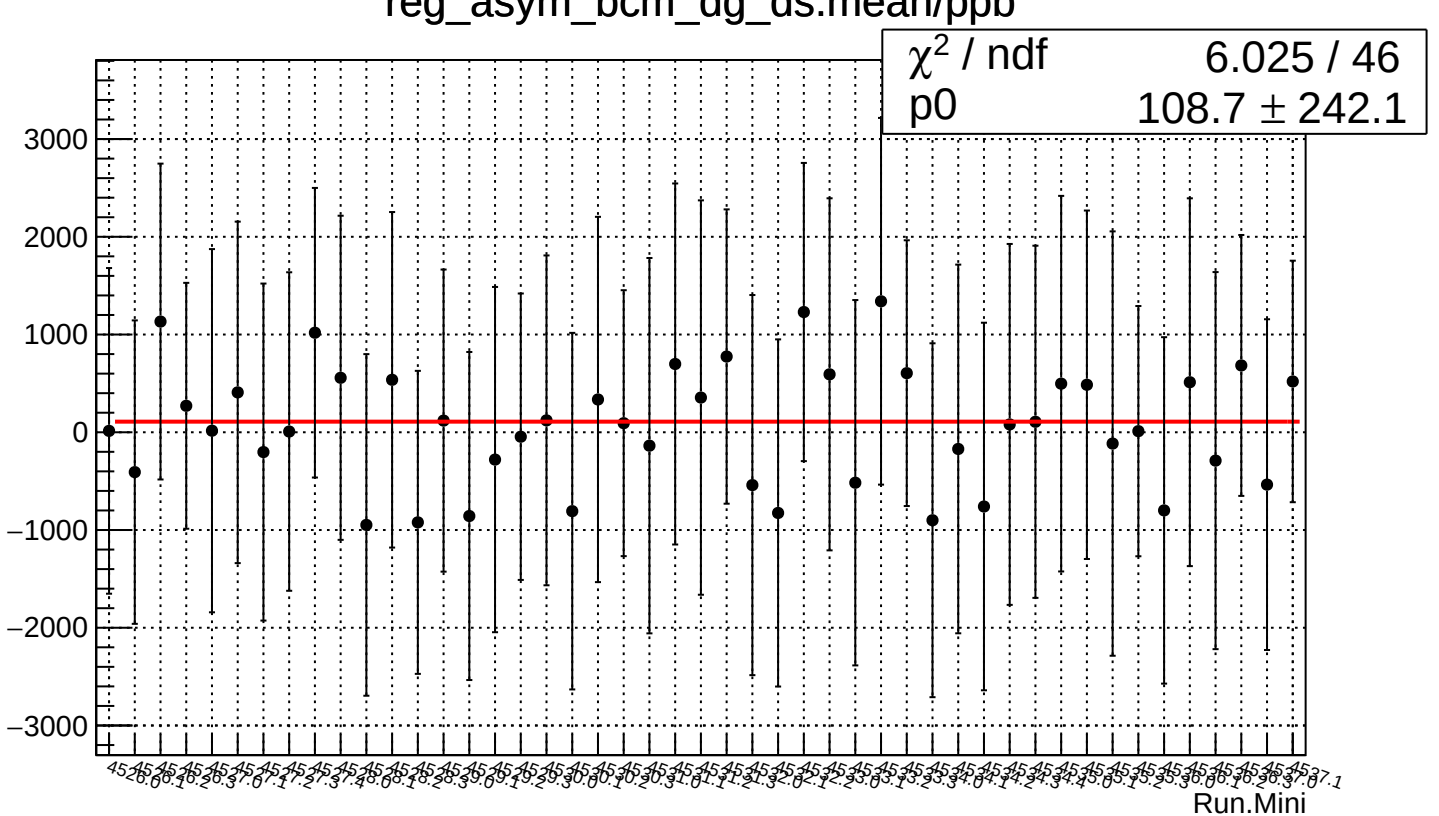

reg_asym_bcm_an_ds.rms/ppm
htemp
Entries 47
Mean 170.2
Std Dev 12.02
3
2.5
2
1.5
1
0.5
0
140
150
160
170
180
190
200
210
reg_asym_bcm_an_ds.rms/ppm

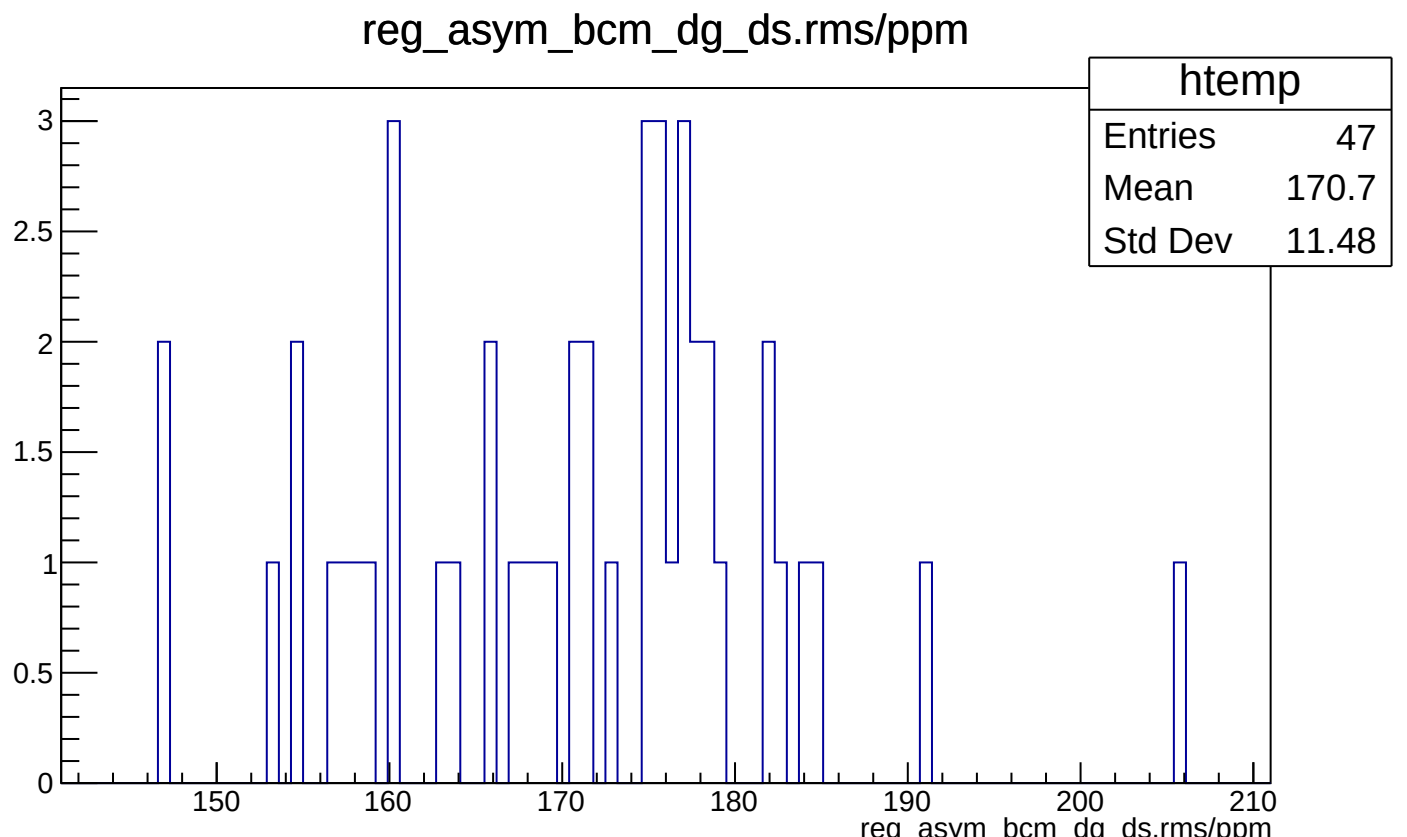

reg_asym_bcm_an_ds.rms/ppm
210
200
190
180
170
160
150
140
Run.Mini

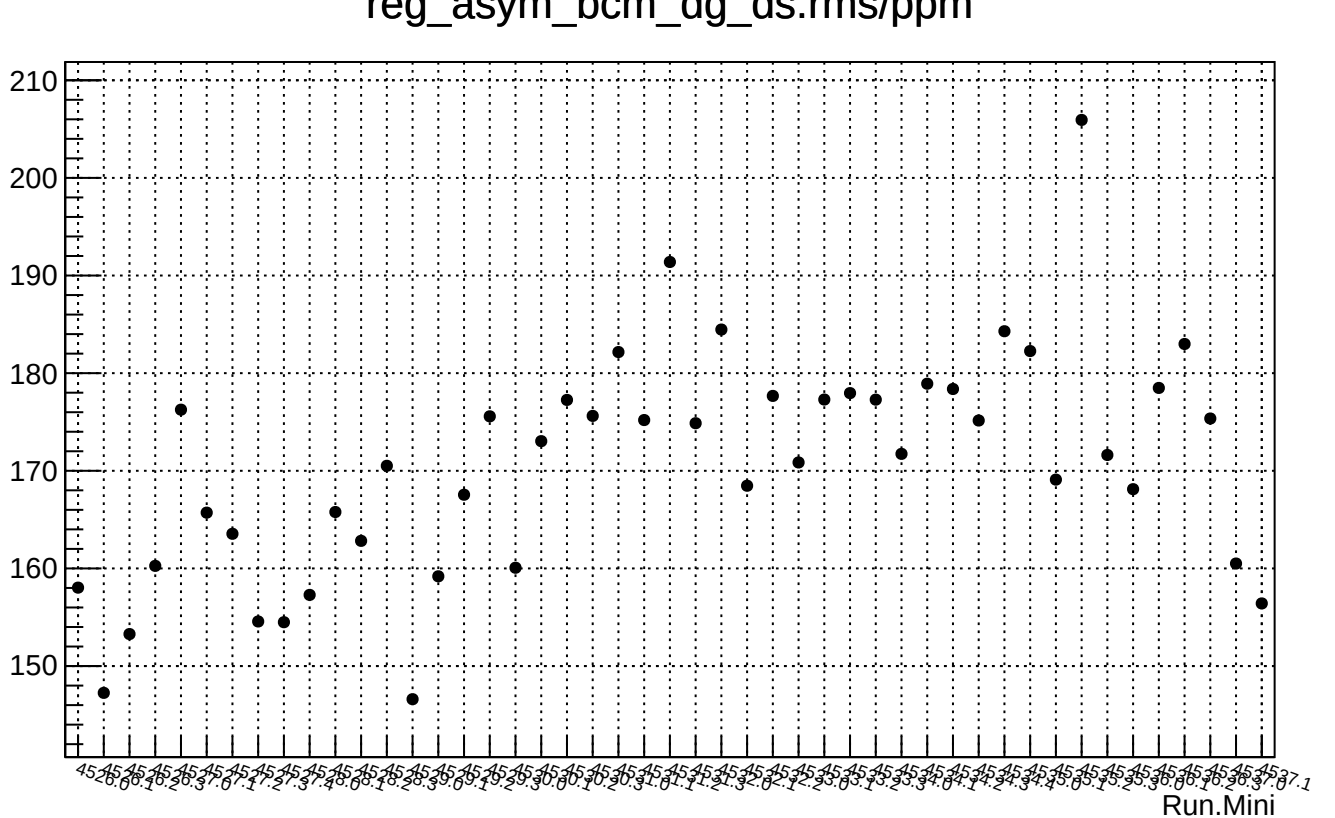

reg_asym_bcm_an_us.mean/ppb
χ² / ndf 6.447 / 46
p0 76.99 ± 240.5
3000
2000
1000
0
−1000
−2000
−3000
Run.Mini

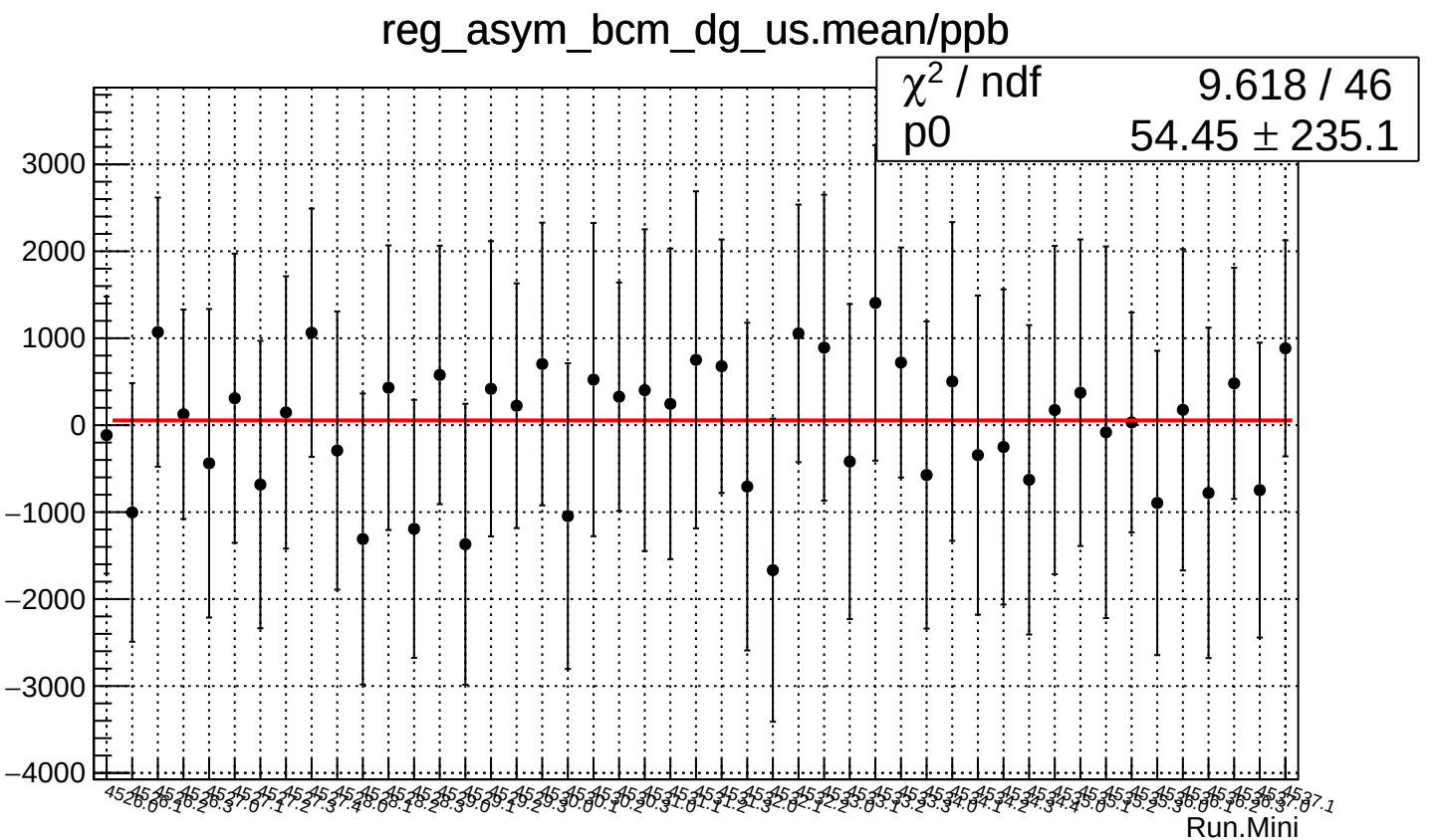

reg_asym_bcm_an_us.rms/ppm
htemp
Entries 47
Mean 169.6
Std Dev 11.91
0
0.5
1
1.5
2
2.5
3
3.5
4
140
150
160
170
180
190
200
210
reg_asym_bcm_an_us.rms/ppm

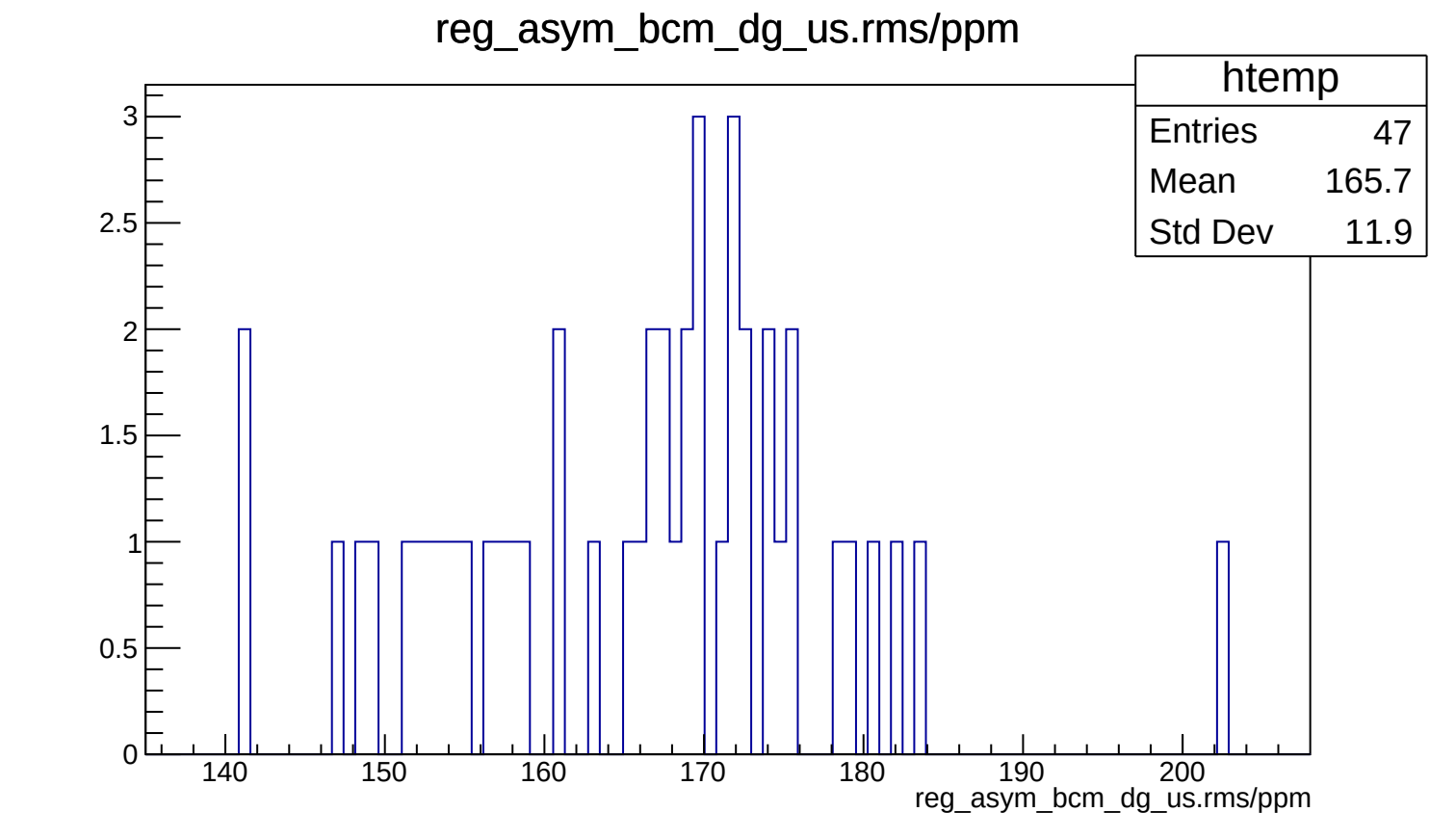

reg_asym_bcm_an_us.rms/ppm
210
200
190
180
170
160
150
140
Run.Mini

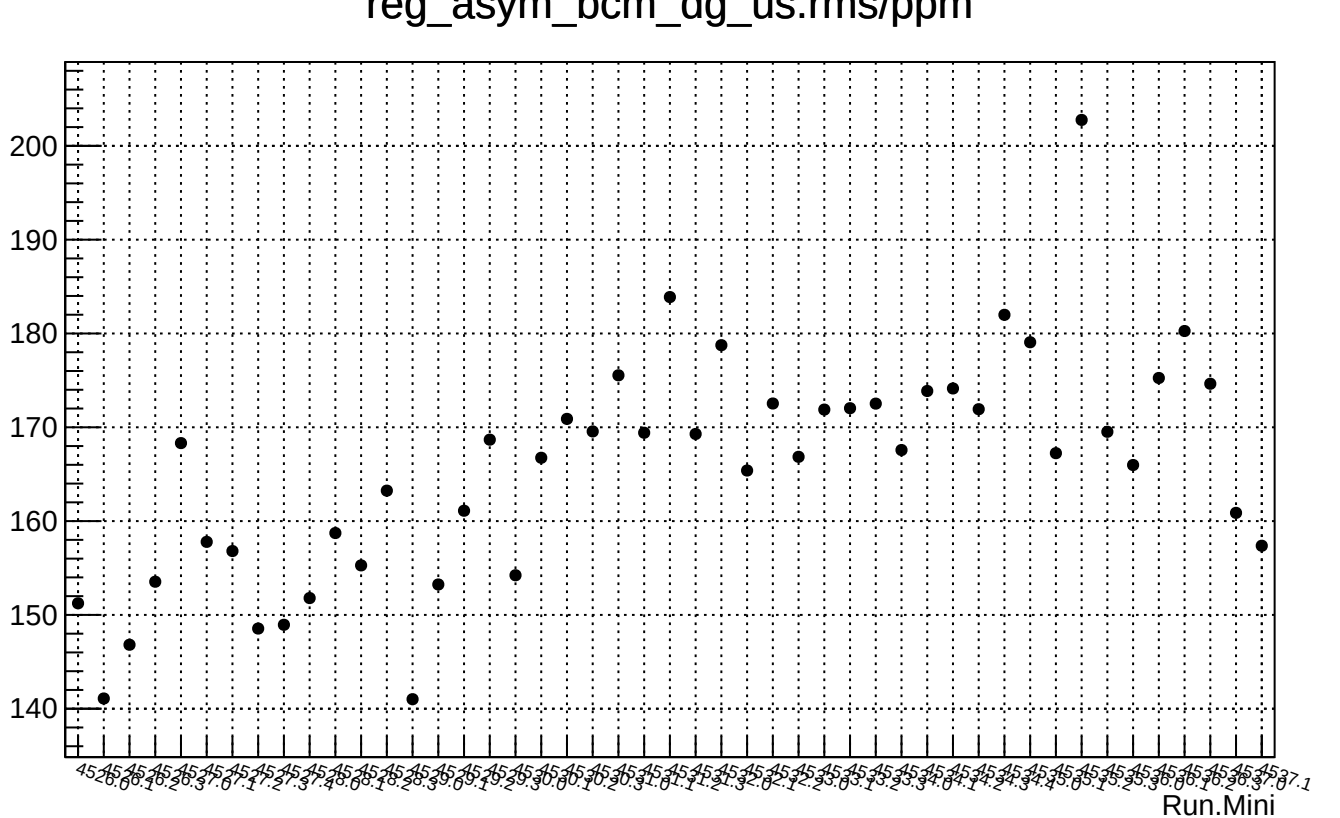

reg_asym_bcm_dg_ds.mean/ppb
χ² / ndf 6.025 / 46
p0 108.7 ± 242.1
3000
2000
1000
0
−1000
−2000
−3000
Run.Mini

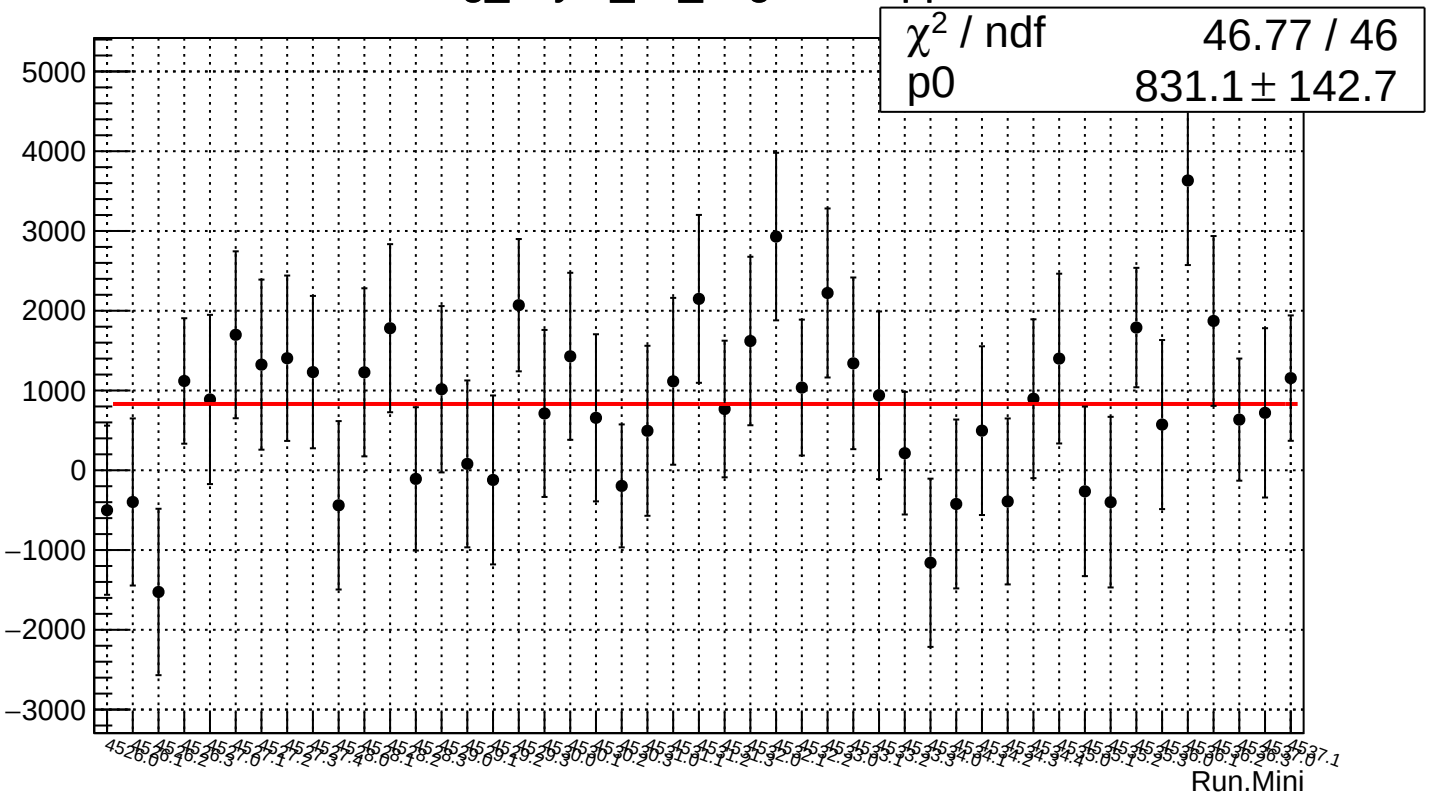

reg_asym_bcm_dg_ds.rms/ppm
htemp
Entries 47
Mean 170.7
Std Dev 11.48
3
2.5
2
1.5
1
0.5
0
150
160
170
180
190
200
210
reg_asym_bcm_dg_ds.rms/ppm

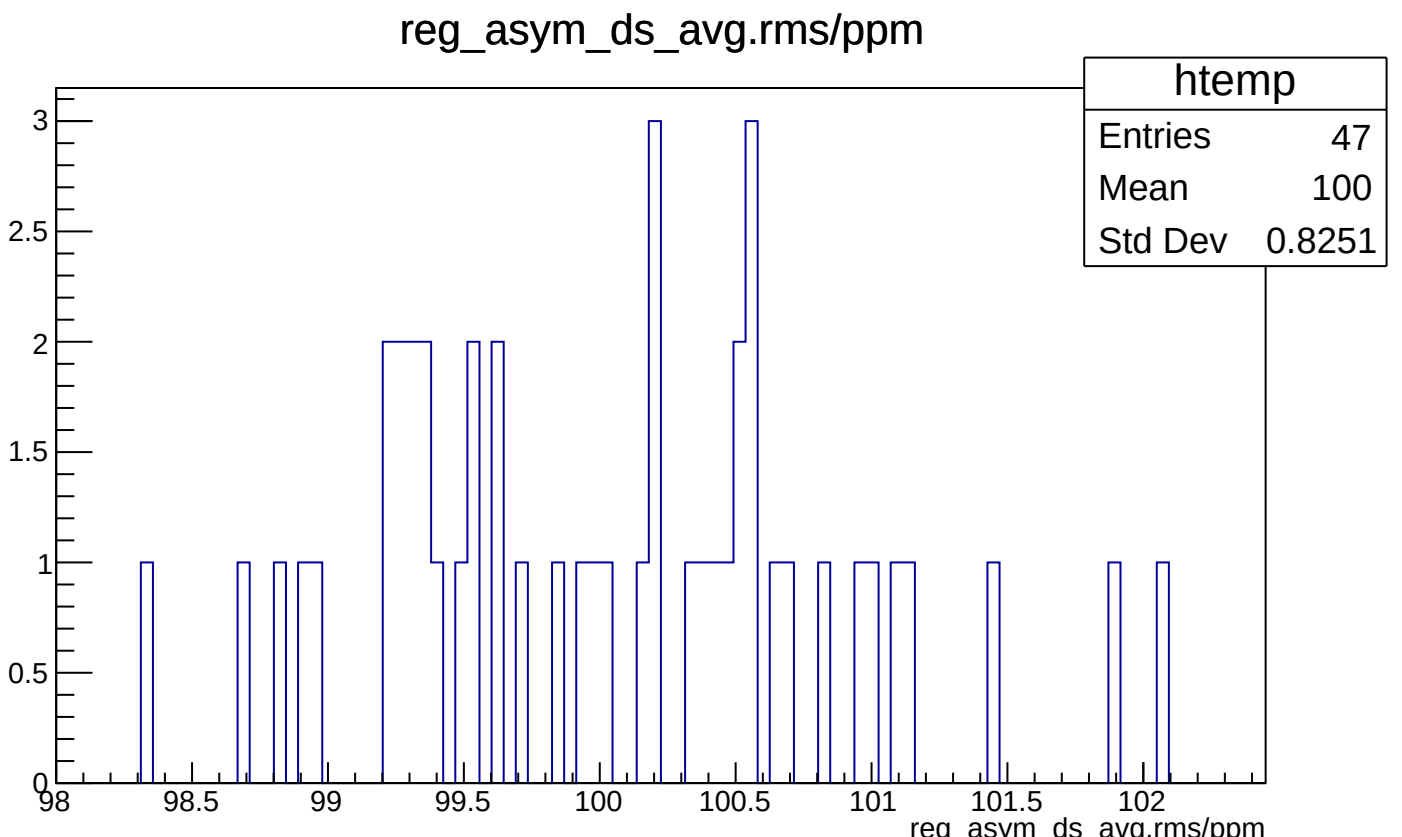

reg_asym_bcm_dg_ds.rms/ppm
210
200
190
180
170
160
150
Run.Mini

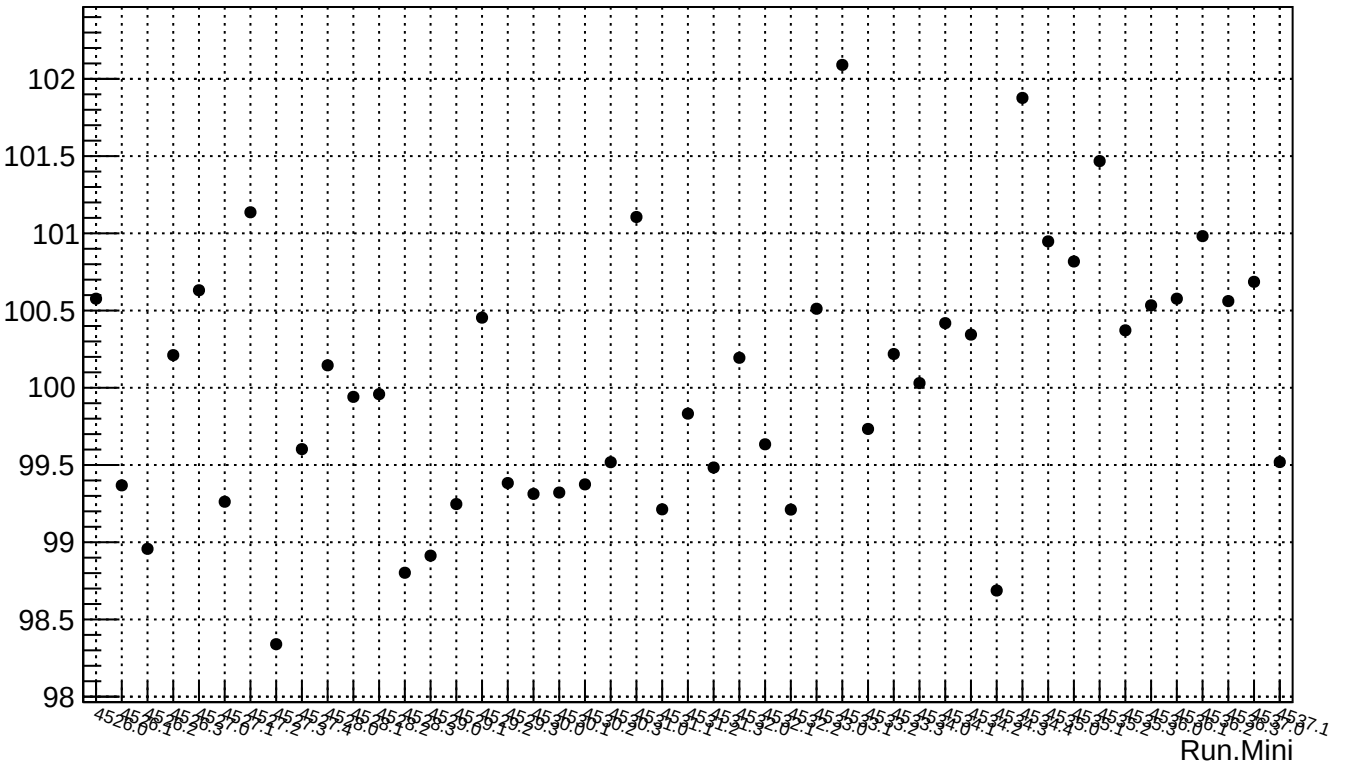

reg_asym_bcm_dg_us.mean/ppb
χ² / ndf 9.618 / 46
p0 54.45 ± 235.1
3000
2000
1000
0
−1000
−2000
−3000
−4000
Run.Mini

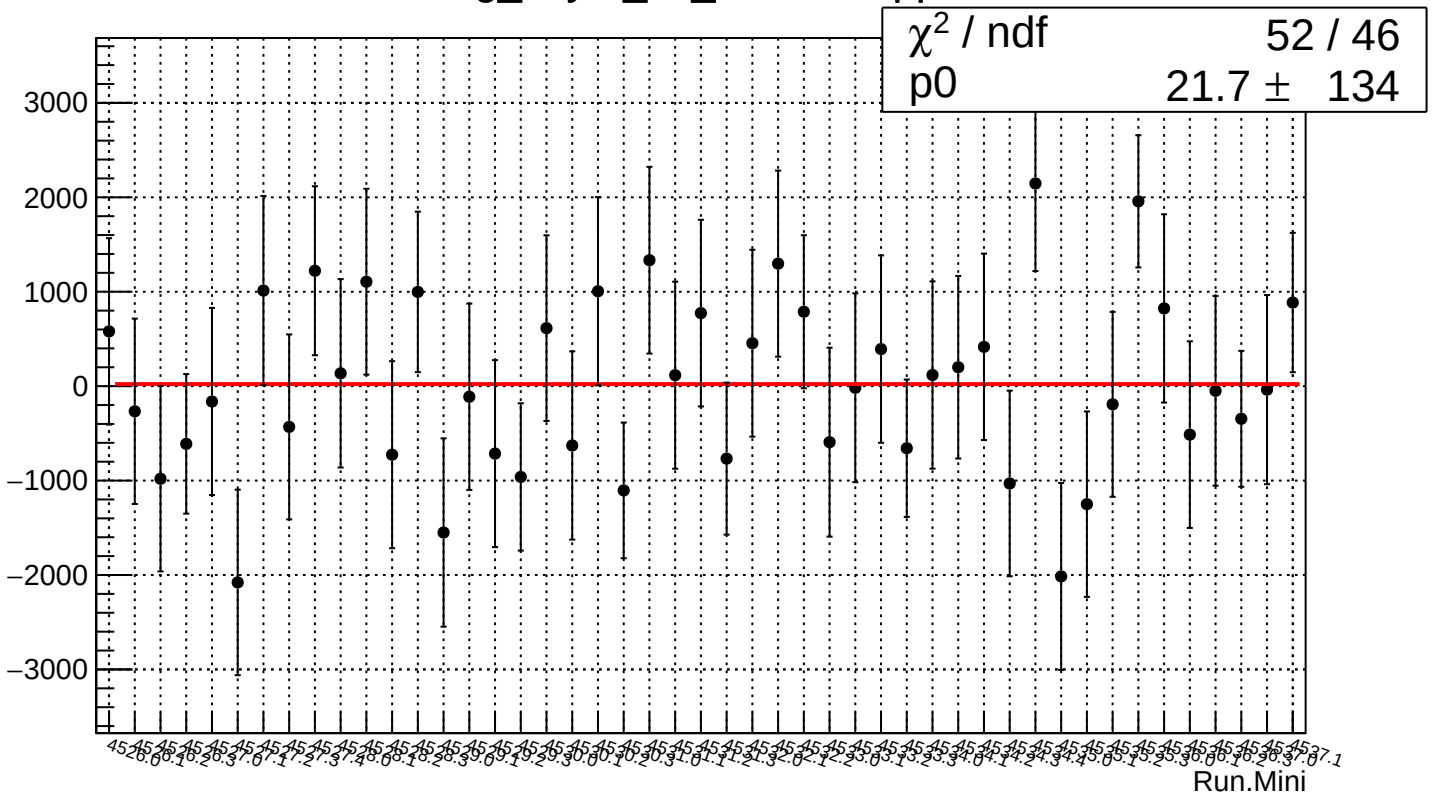

reg_asym_bcm_dg_us.rms/ppm
htemp
Entries 47
Mean 165.7
Std Dev 11.9
3
2.5
2
1.5
1
0.5
0
140
150
160
170
180
190
200
reg_asym_bcm_dg_us.rms/ppm

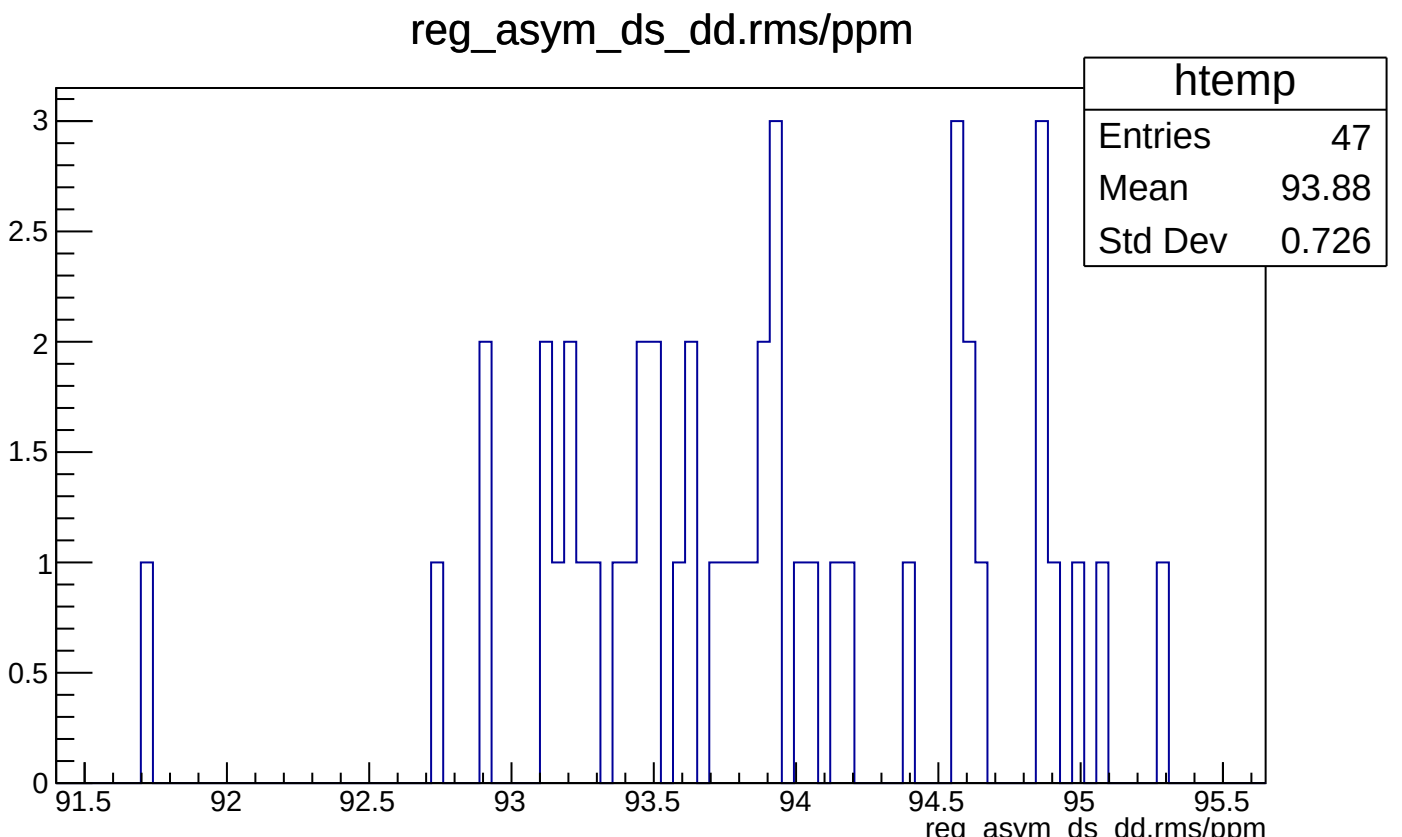

reg_asym_bcm_dg_us.rms/ppm
200
190
180
170
160
150
140
Run.Mini

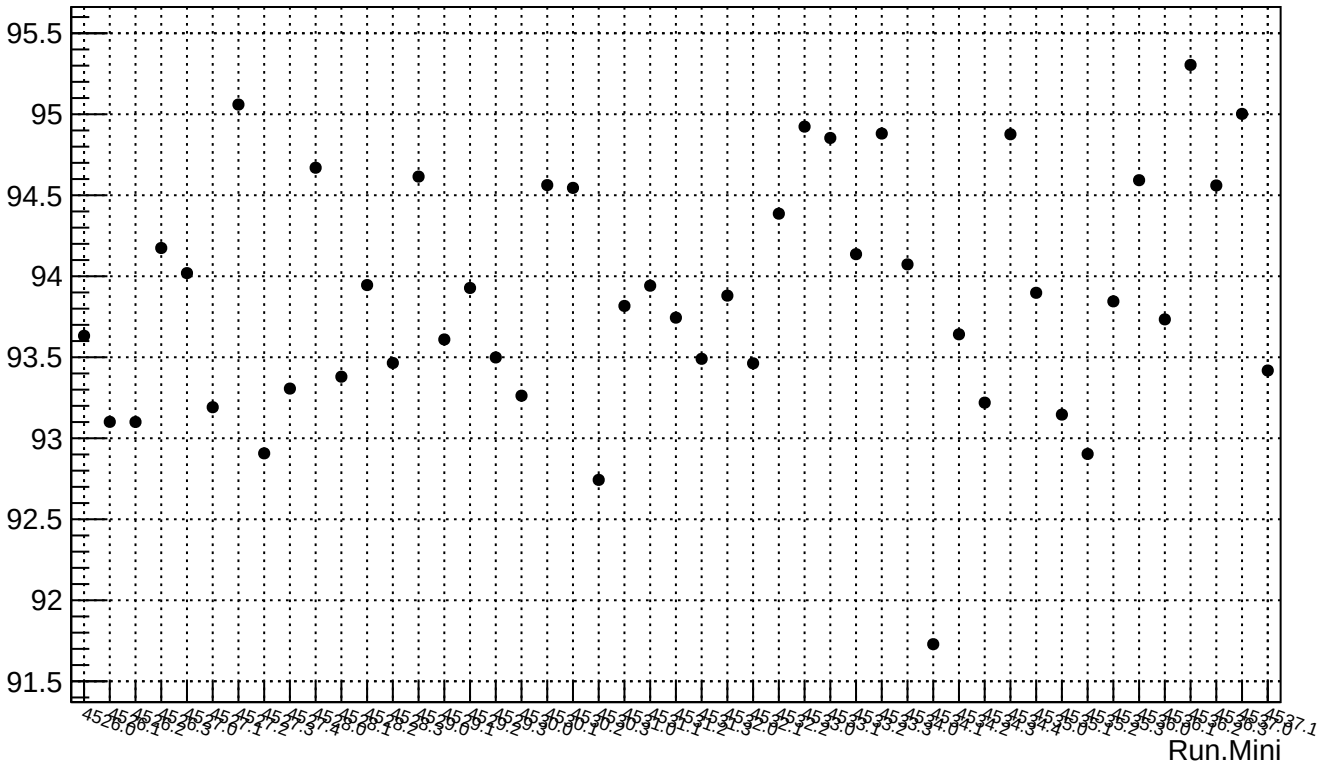

reg_asym_ds_avg.mean/ppb
χ² / ndf 46.77 / 46
p0 831.1 ± 142.7
5000
4000
3000
2000
1000
0
−1000
−2000
−3000
Run.Mini

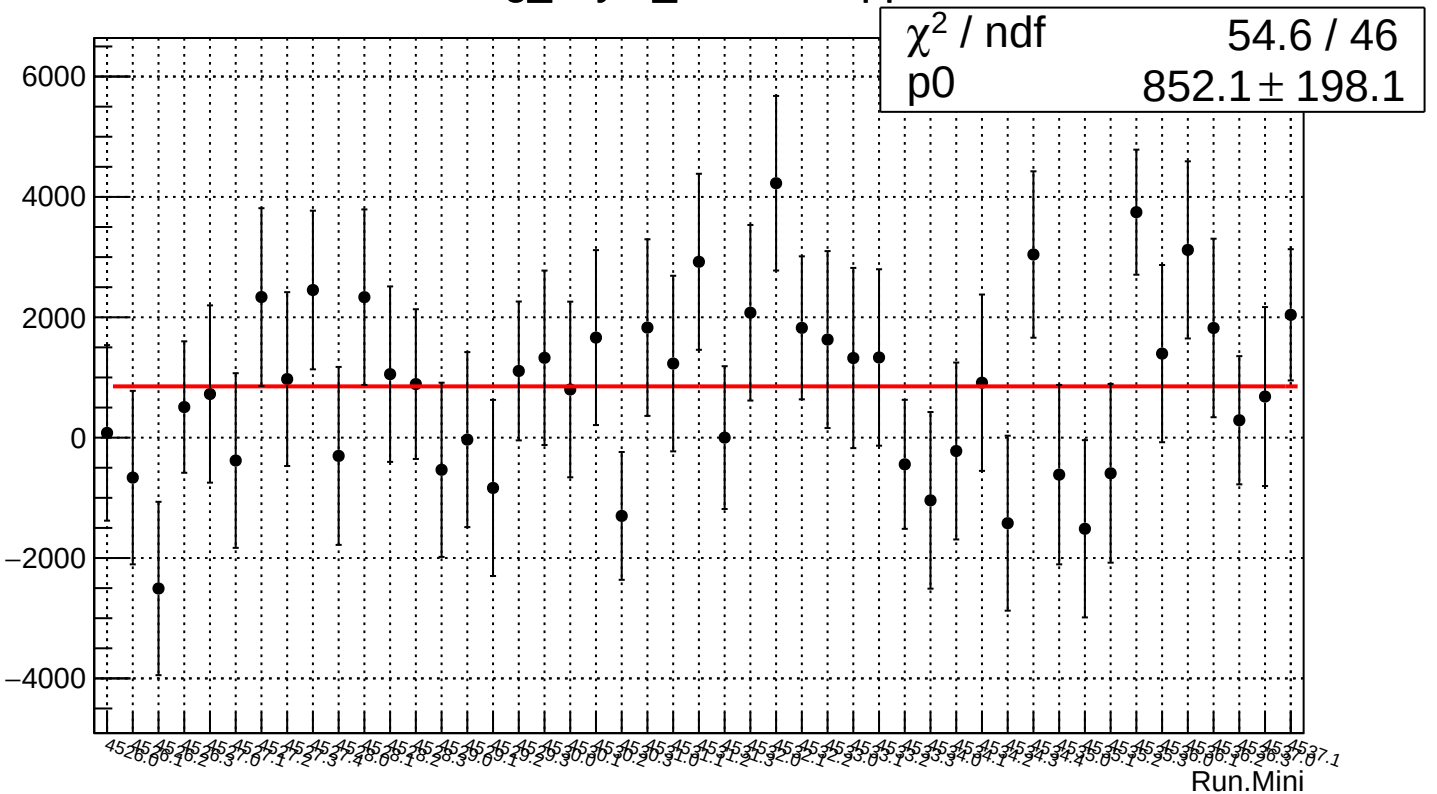

reg_asym_ds_avg.rms/ppm
htemp
Entries 47
Mean 100
Std Dev 0.8251
3
2.5
2
1.5
1
0.5
0
98
98.5
99
99.5
100
100.5
101
101.5
102
reg_asym_ds_avg.rms/ppm

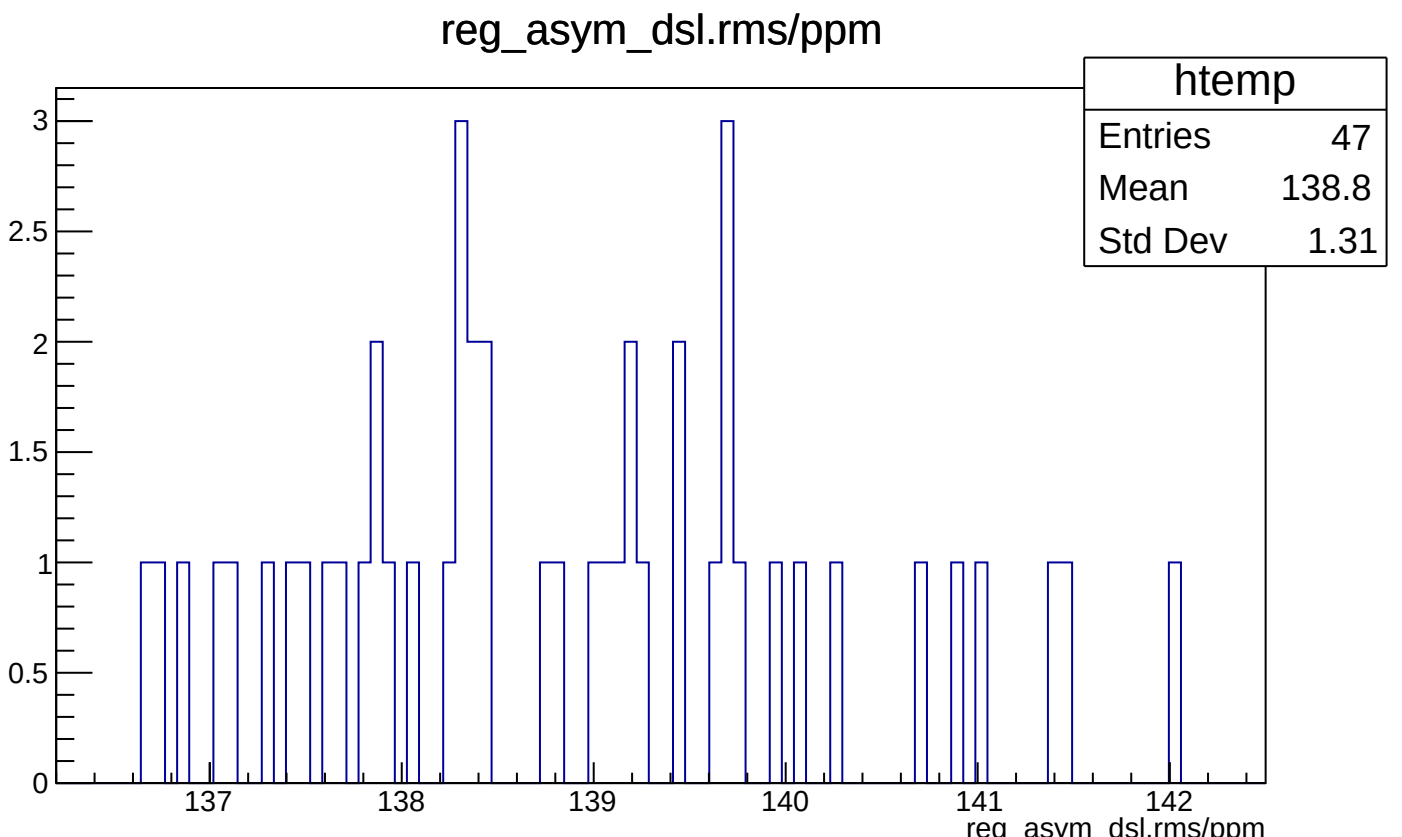

reg_asym_ds_avg.rms/ppm
102
101.5
101
100.5
100
99.5
99
98.5
98
Run.Mini

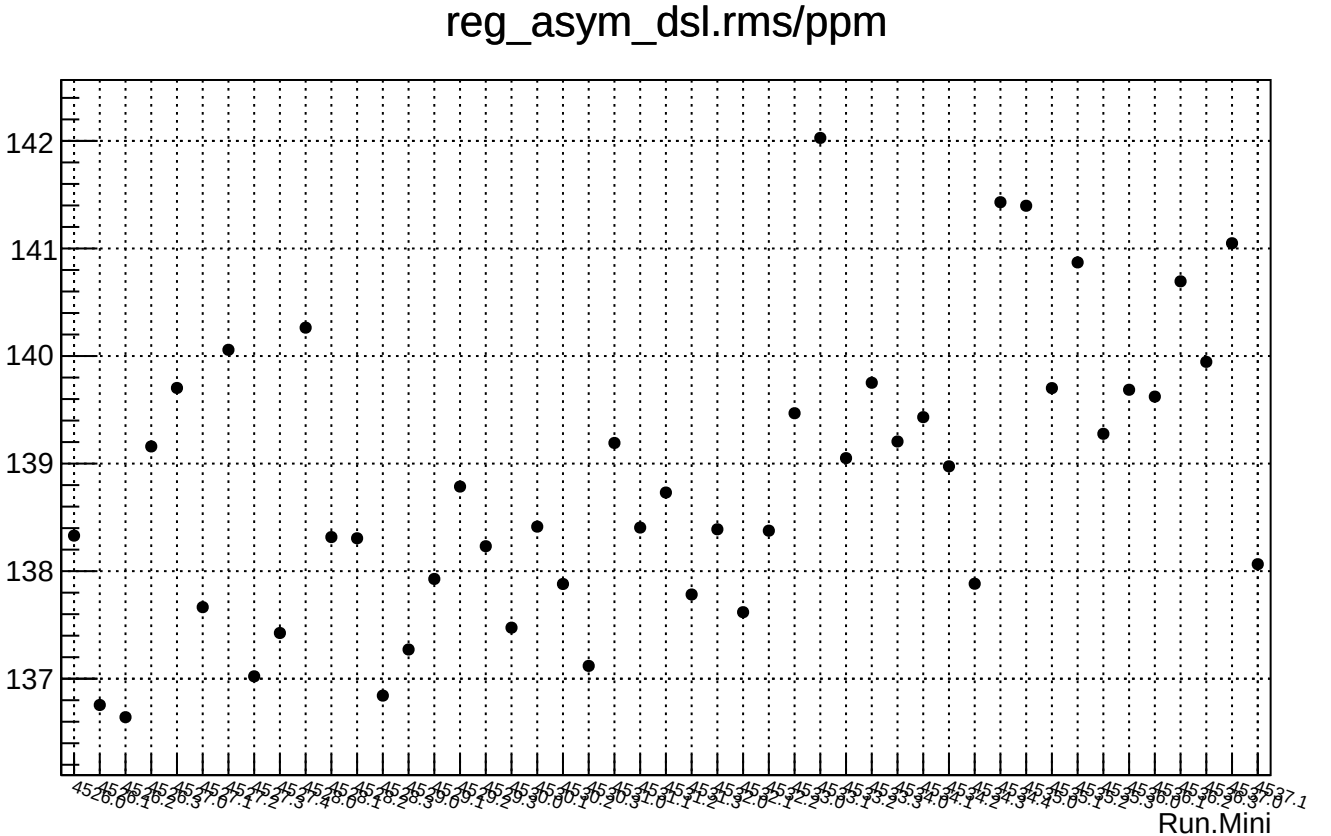

reg_asym_ds_dd.mean/ppb
χ² / ndf 52 / 46
p0 21.7 ± 134
3000
2000
1000
0
−1000
−2000
−3000
Run.Mini

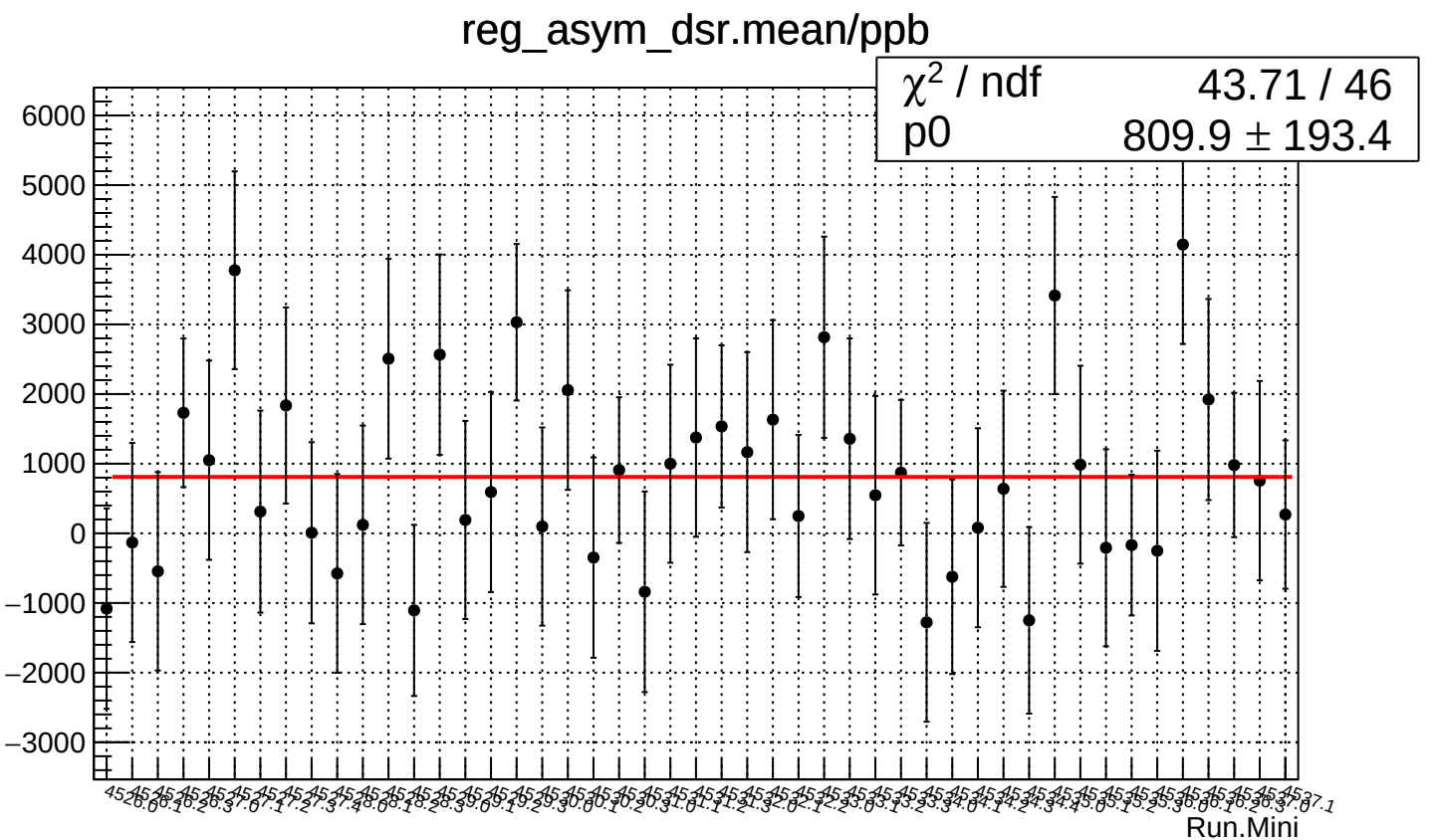

reg_asym_ds_dd.rms/ppm
htemp
Entries 47
Mean 93.88
Std Dev 0.726
3
2.5
2
1.5
1
0.5
0
91.5
92
92.5
93
93.5
94
94.5
95
95.5
reg_asym_ds_dd.rms/ppm

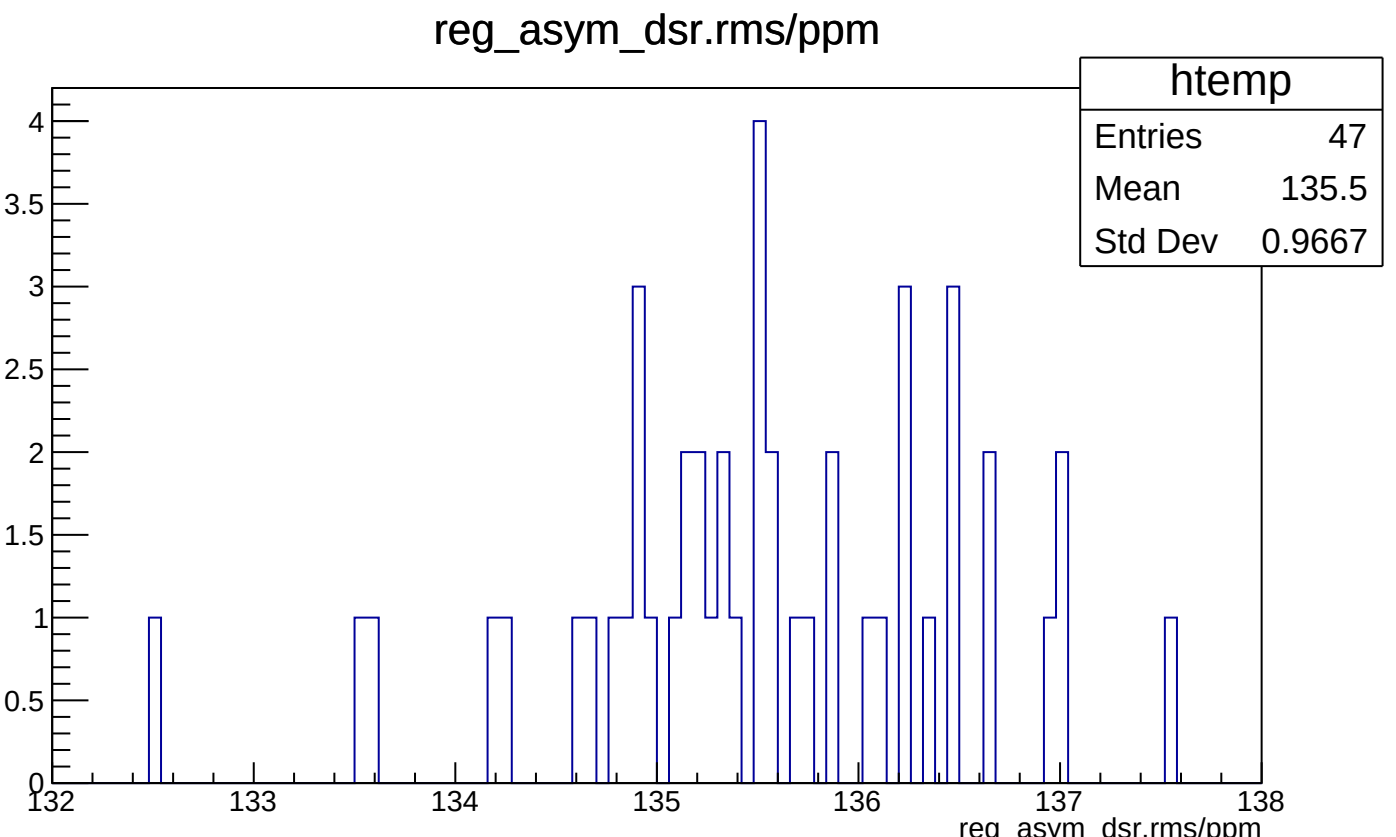

reg_asym_ds_dd.rms/ppm
95.5
95
94.5
94
93.5
93
92.5
92
91.5
Run.Mini

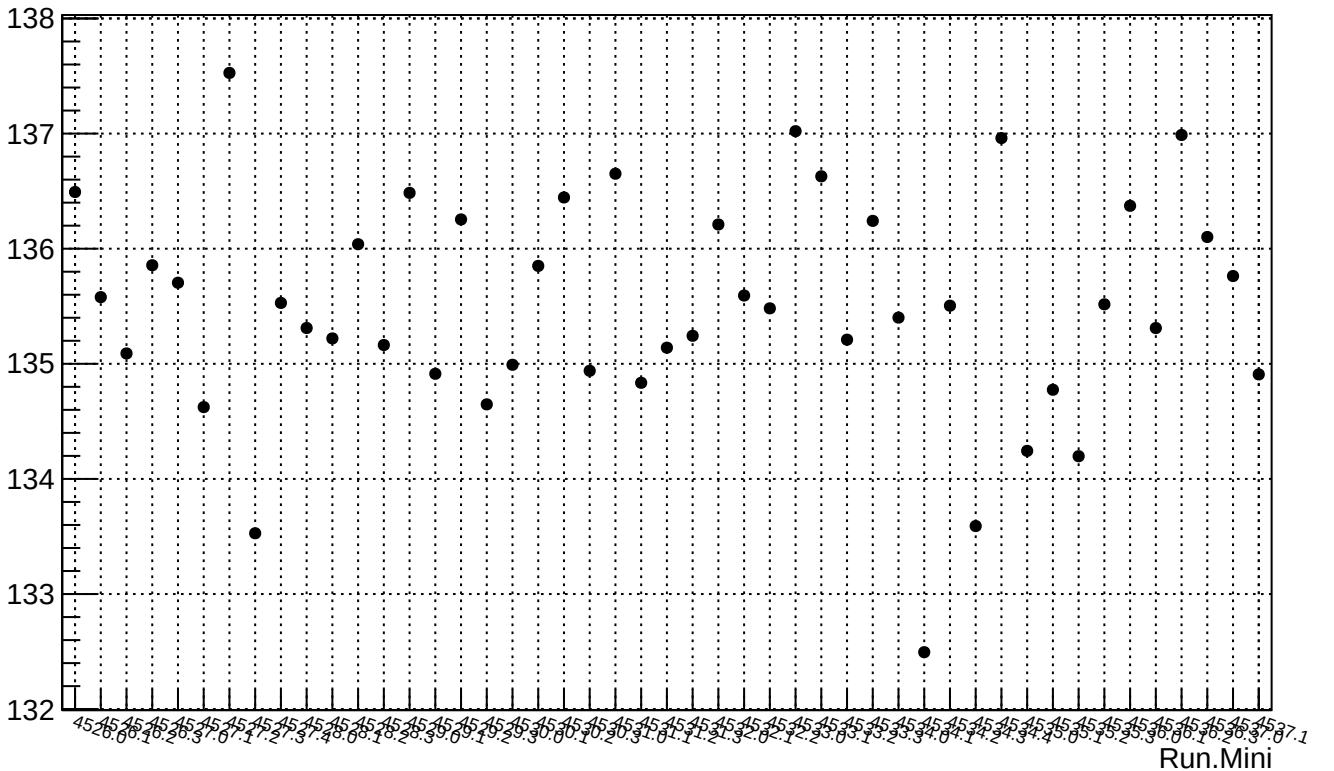

reg_asym_dsl.mean/ppb
χ² / ndf 54.6 / 46
p0 852.1 ± 198.1
6000
4000
2000
0
−2000
−4000
Run.Mini

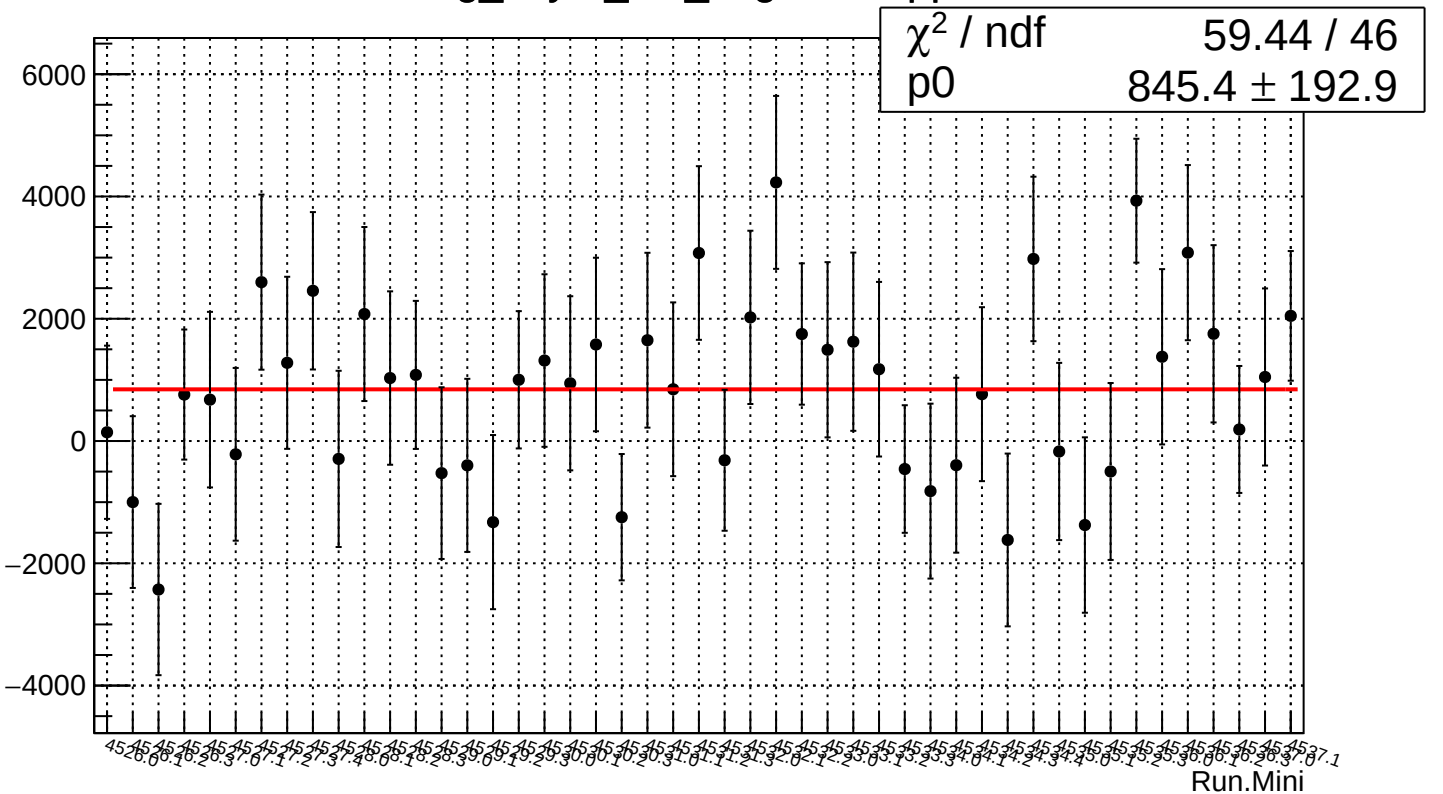

reg_asym_dsl.rms/ppm
htemp
Entries 47
Mean 138.8
Std Dev 1.31
3
2.5
2
1.5
1
0.5
0
137
138
139
140
141
142
reg_asym_dsl.rms/ppm

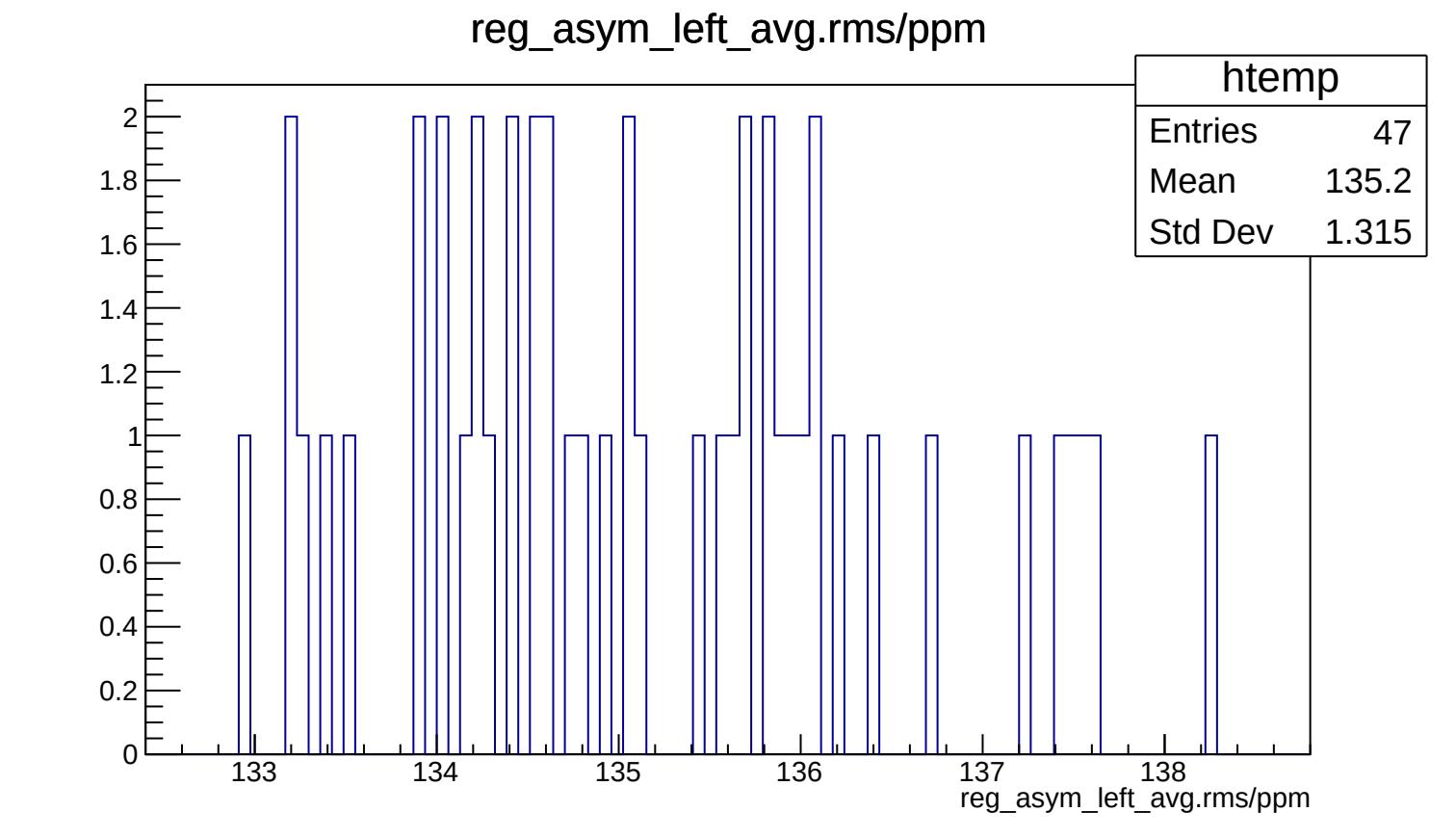

reg_asym_dsl.rms/ppm
142
141
140
139
138
137
Run.Mini

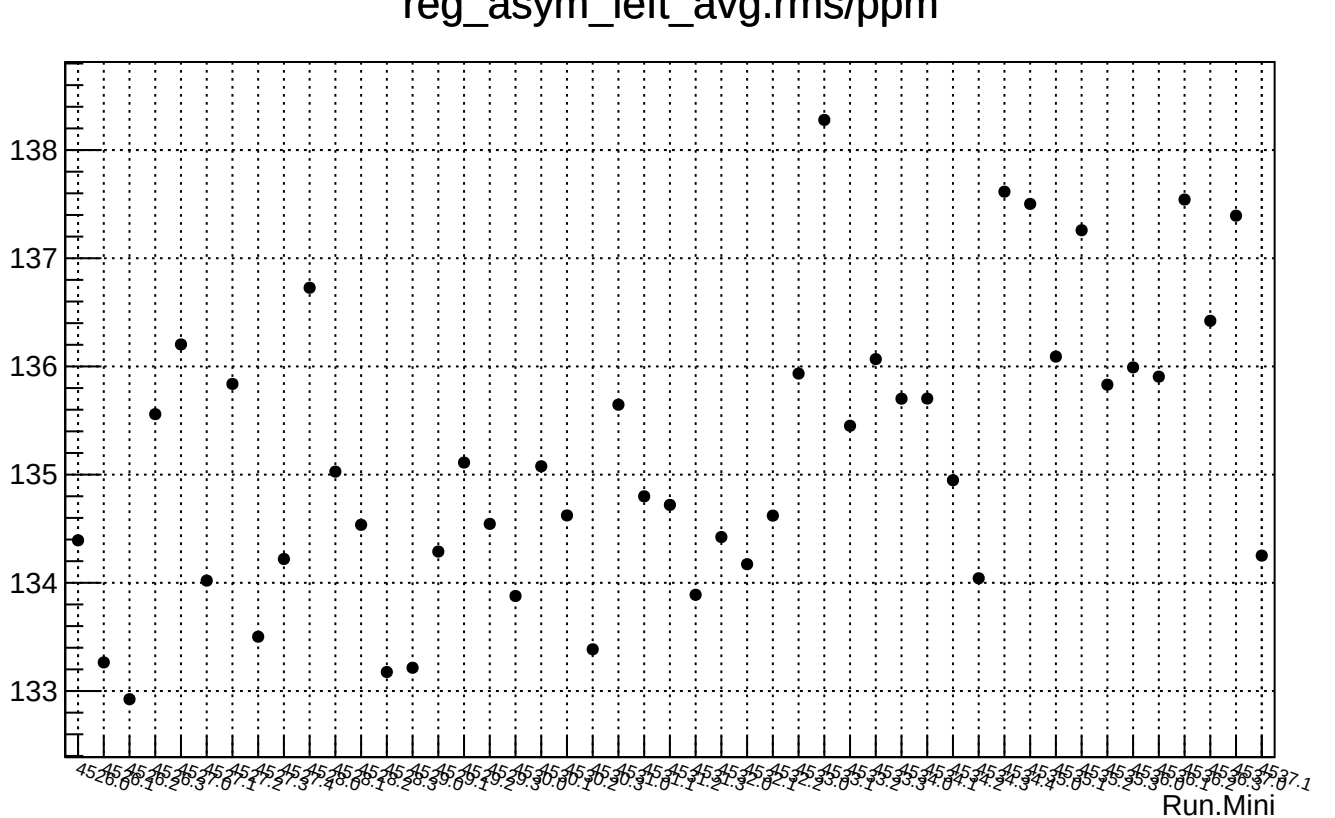

reg_asym_dsr.mean/ppb
χ² / ndf 43.71 / 46
p0 809.9 ± 193.4
6000
5000
4000
3000
2000
1000
0
−1000
−2000
−3000
Run.Mini

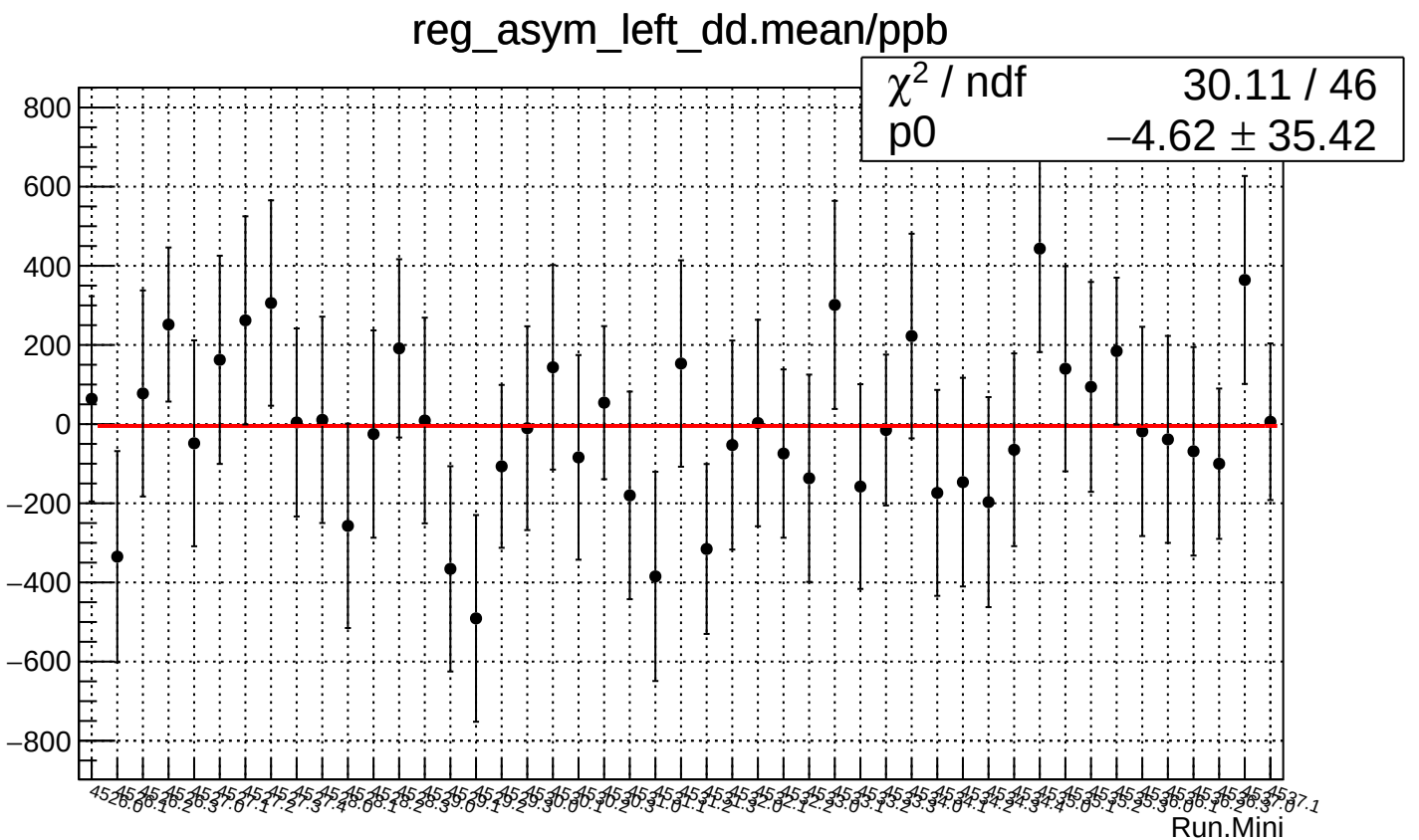

reg_asym_dsr.rms/ppm
htemp
Entries 47
Mean 135.5
Std Dev 0.9667
4
3.5
3
2.5
2
1.5
1
0.5
0
132
133
134
135
136
137
138
reg_asym_dsr.rms/ppm

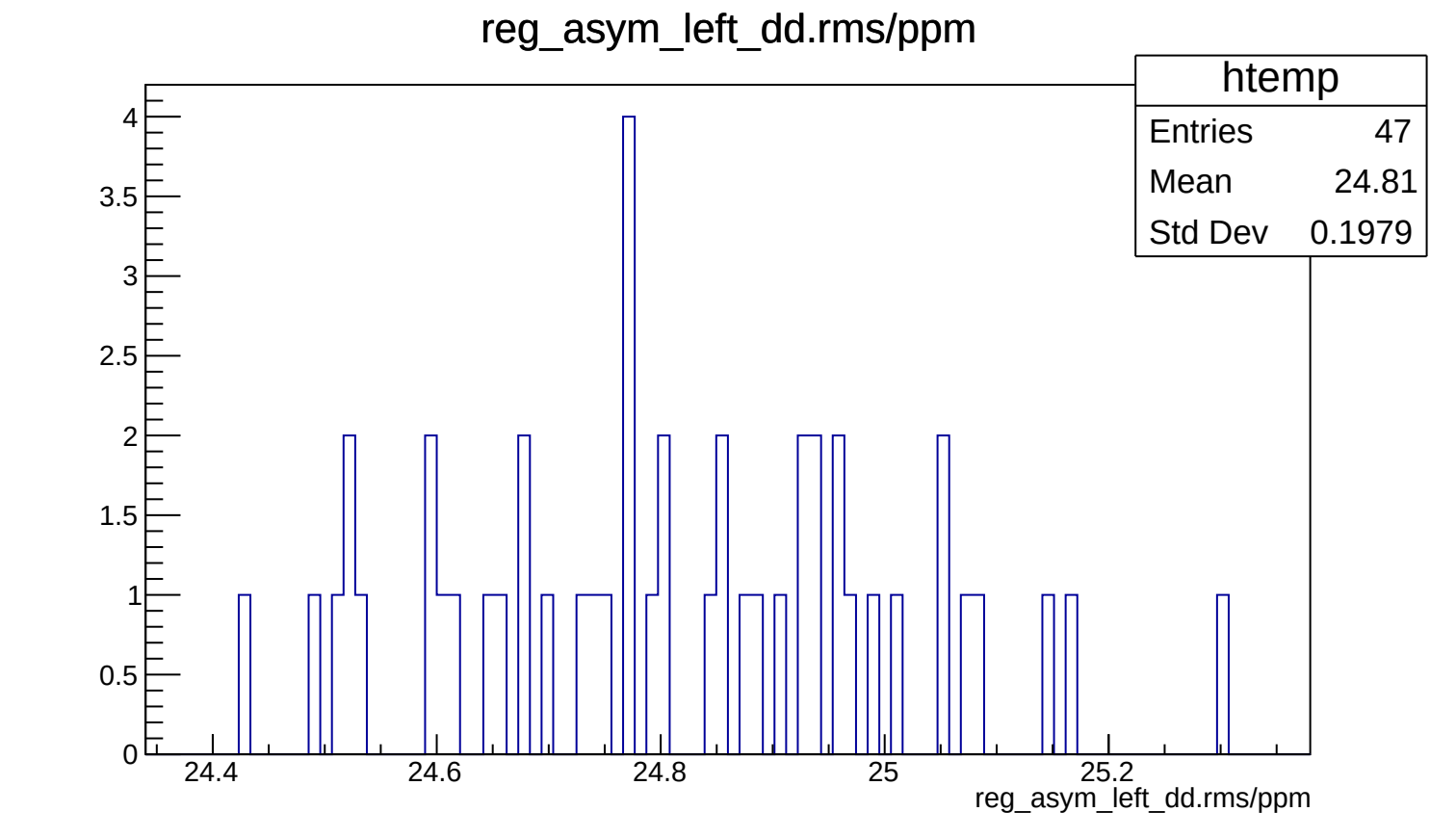

reg_asym_dsr.rms/ppm
138
137
136
135
134
133
132
Run.Mini

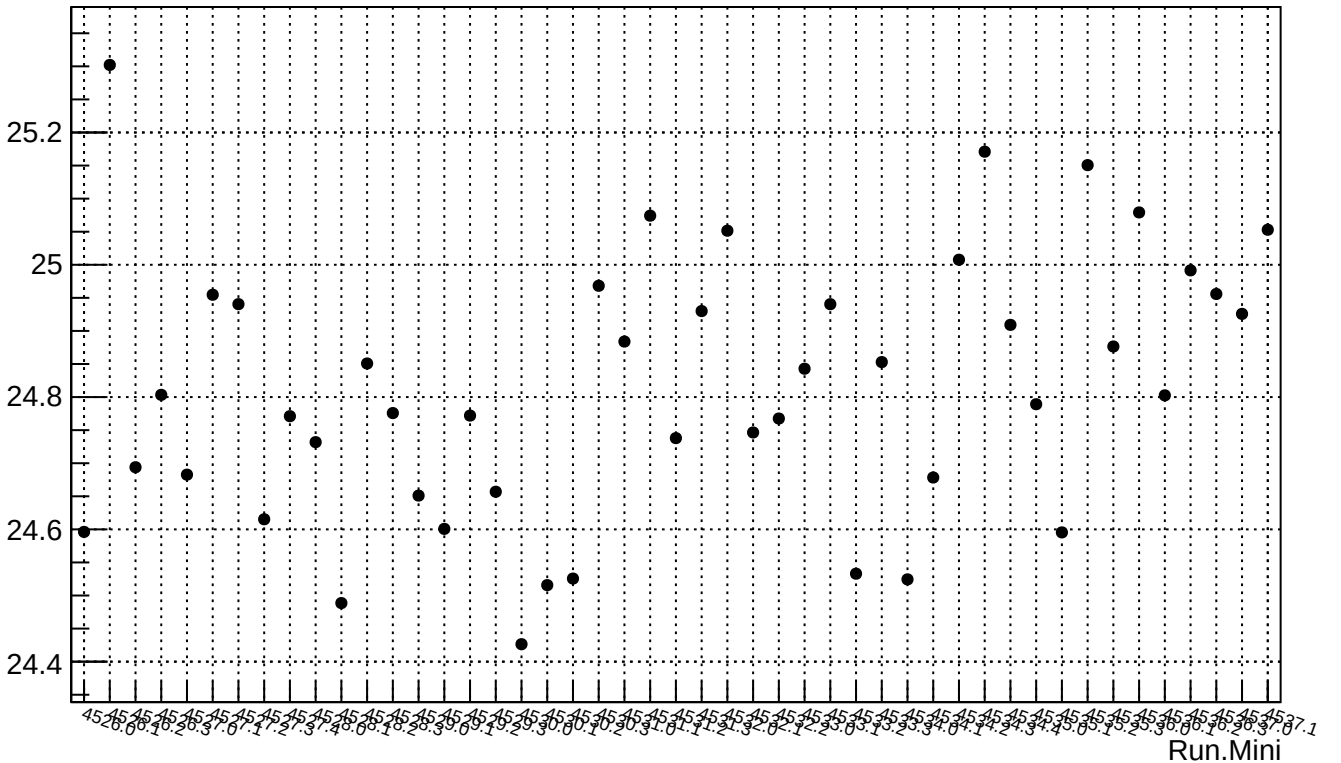

reg_asym_left_avg.mean/ppb
χ² / ndf 59.44 / 46
p0 845.4 ± 192.9
6000
4000
2000
0
−2000
−4000
Run.Mini

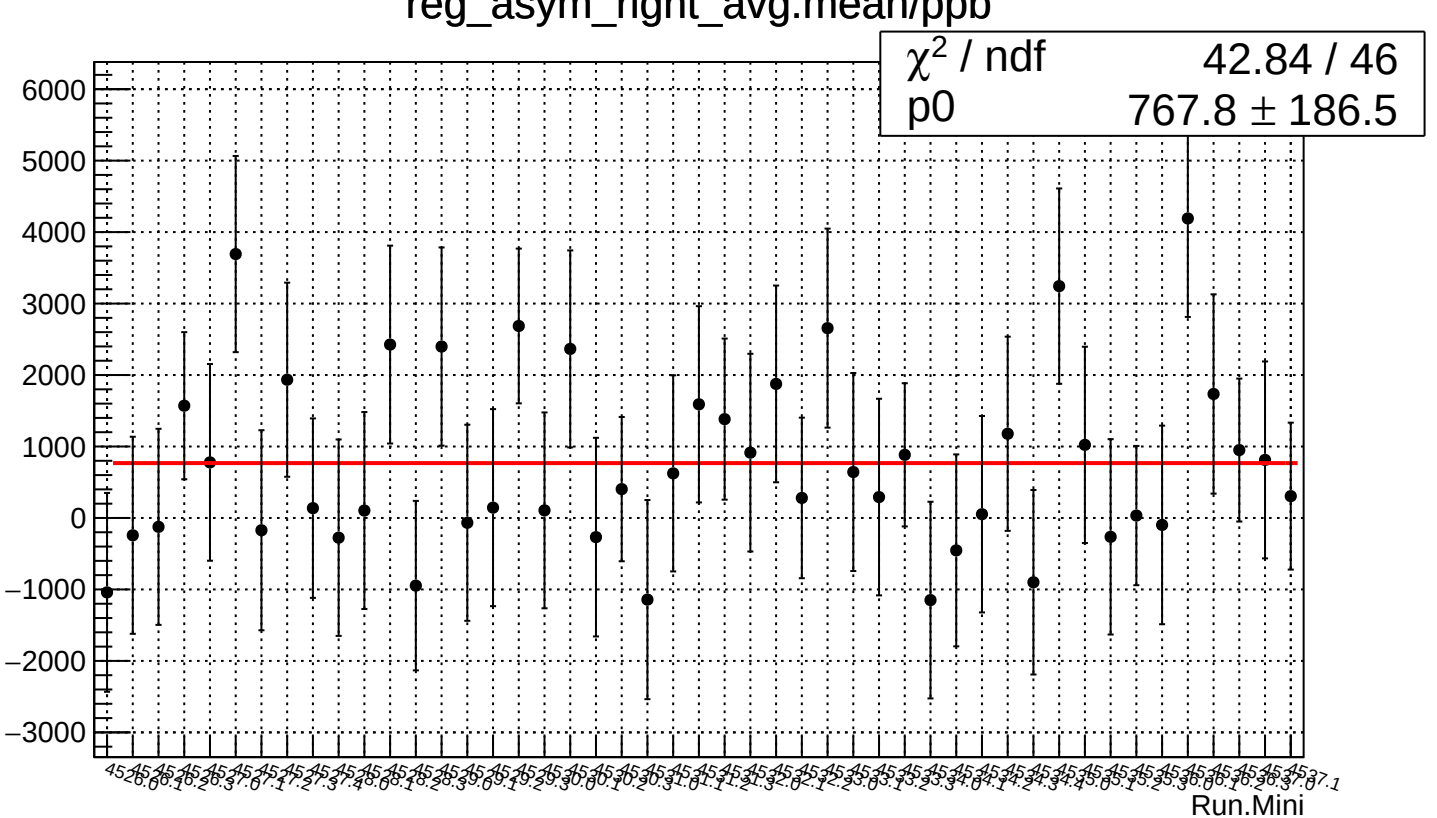

reg_asym_left_avg.rms/ppm
htemp
Entries 47
Mean 135.2
Std Dev 1.315
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
133
134
135
136
137
138
reg_asym_left_avg.rms/ppm

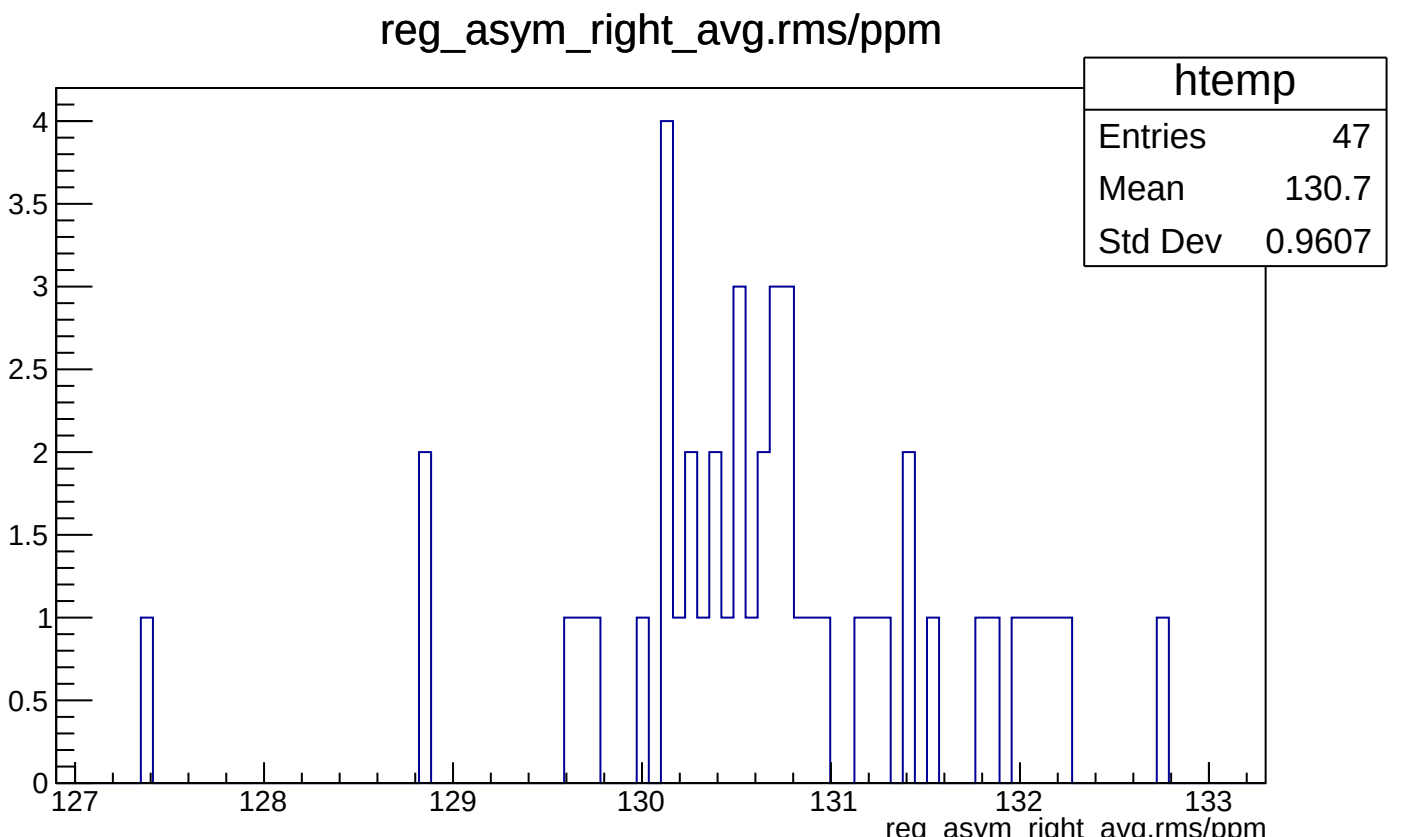

reg_asym_left_avg.rms/ppm
138
137
136
135
134
133
Run.Mini

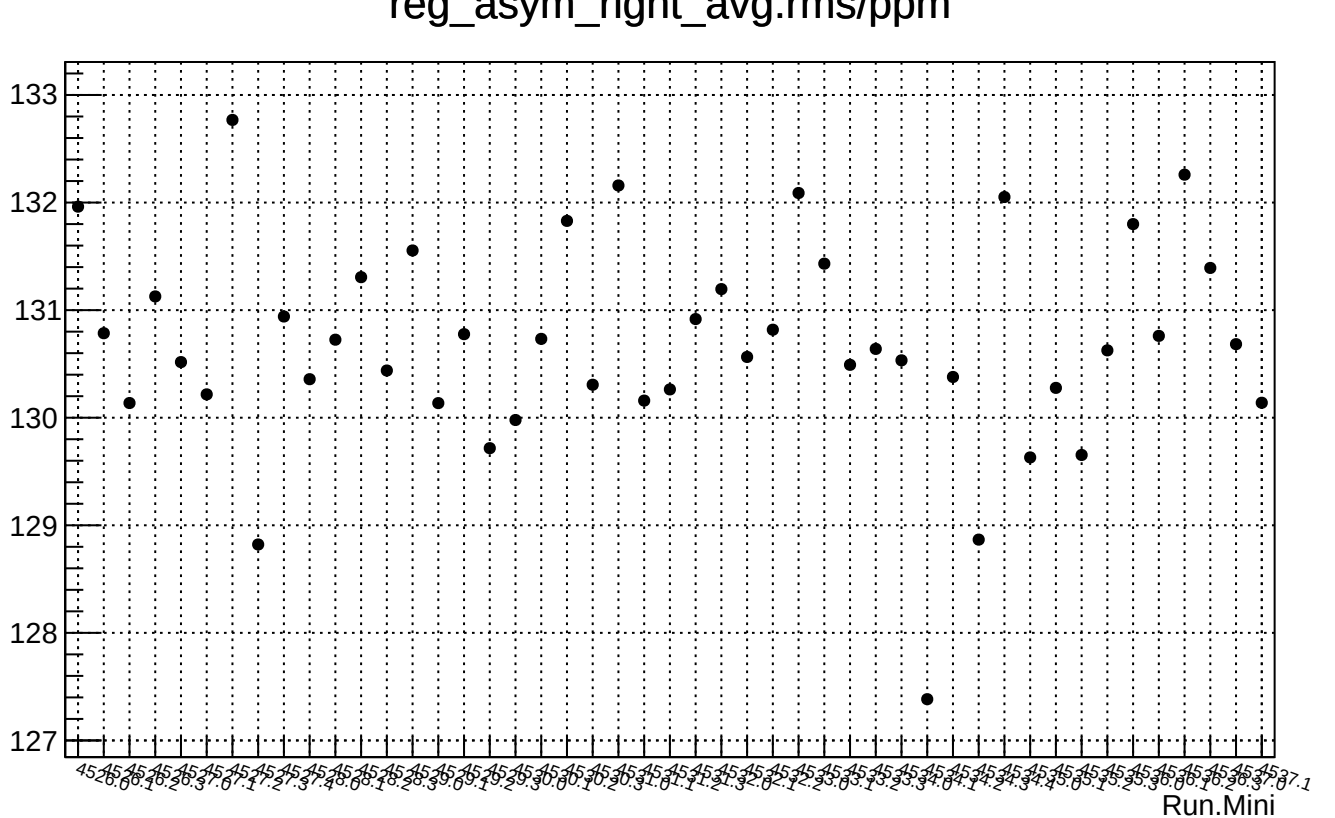

reg_asym_left_dd.mean/ppb
χ² / ndf 30.11 / 46
p0 −4.62 ± 35.42
800
600
400
200
0
−200
−400
−600
−800
Run.Mini

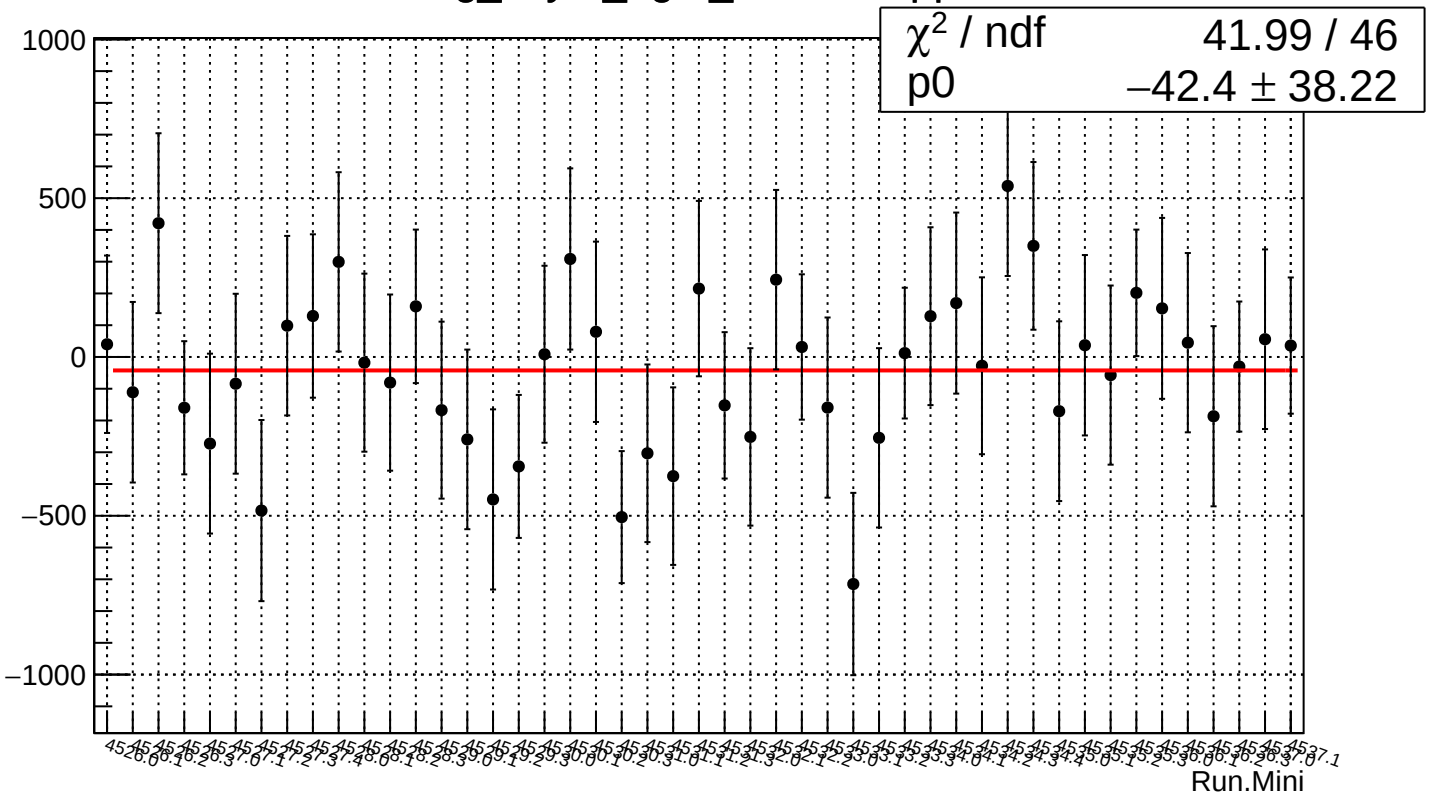

reg_asym_left_dd.rms/ppm
htemp
Entries 47
Mean 24.81
Std Dev 0.1979
4
3.5
3
2.5
2
1.5
1
0.5
0
24.4
24.6
24.8
25
25.2
reg_asym_left_dd.rms/ppm

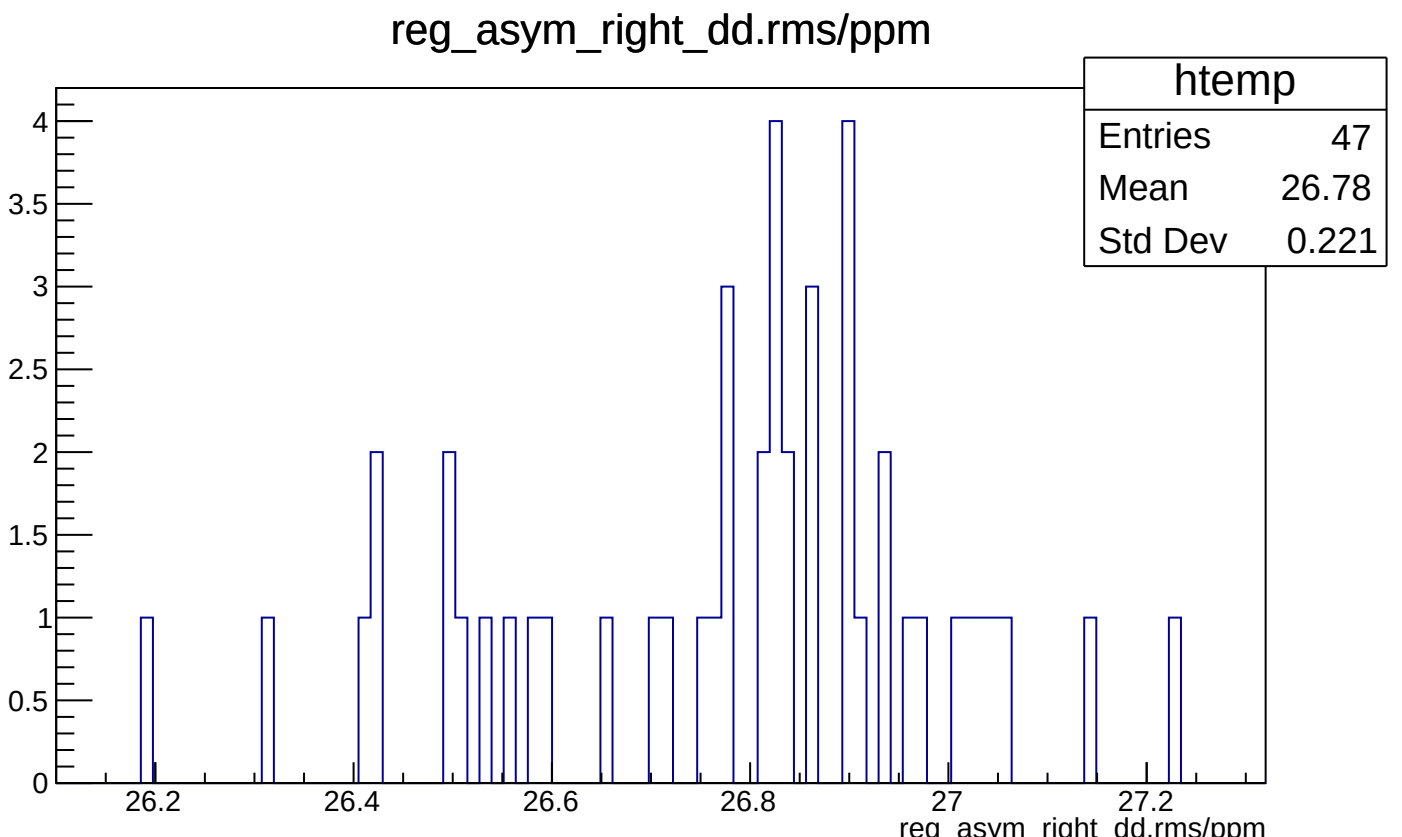

reg_asym_left_dd.rms/ppm
25.2
25
24.8
24.6
24.4
Run.Mini

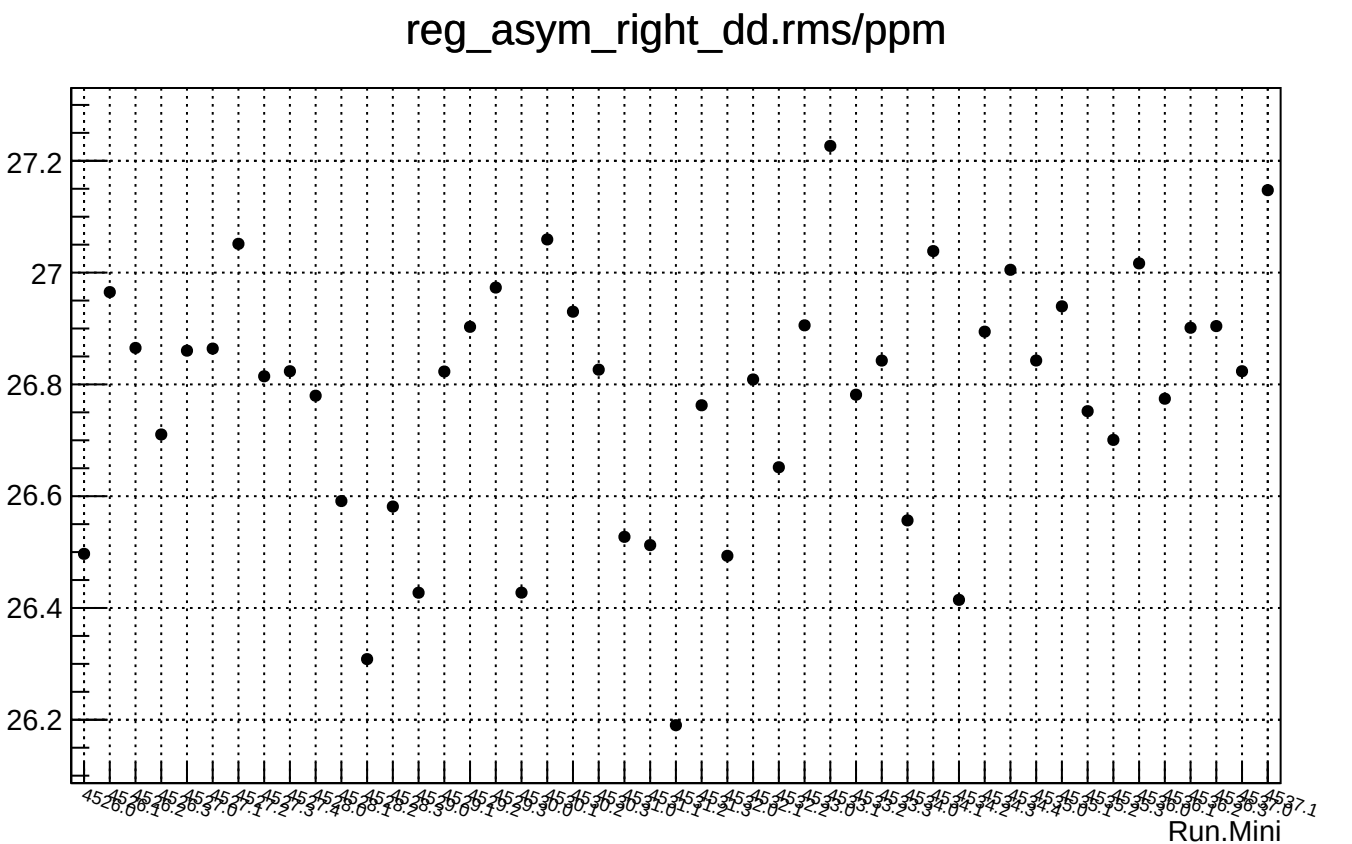

reg_asym_right_avg.mean/ppb
χ² / ndf 42.84 / 46
p0 767.8 ± 186.5
6000
5000
4000
3000
2000
1000
0
−1000
−2000
−3000
Run.Mini

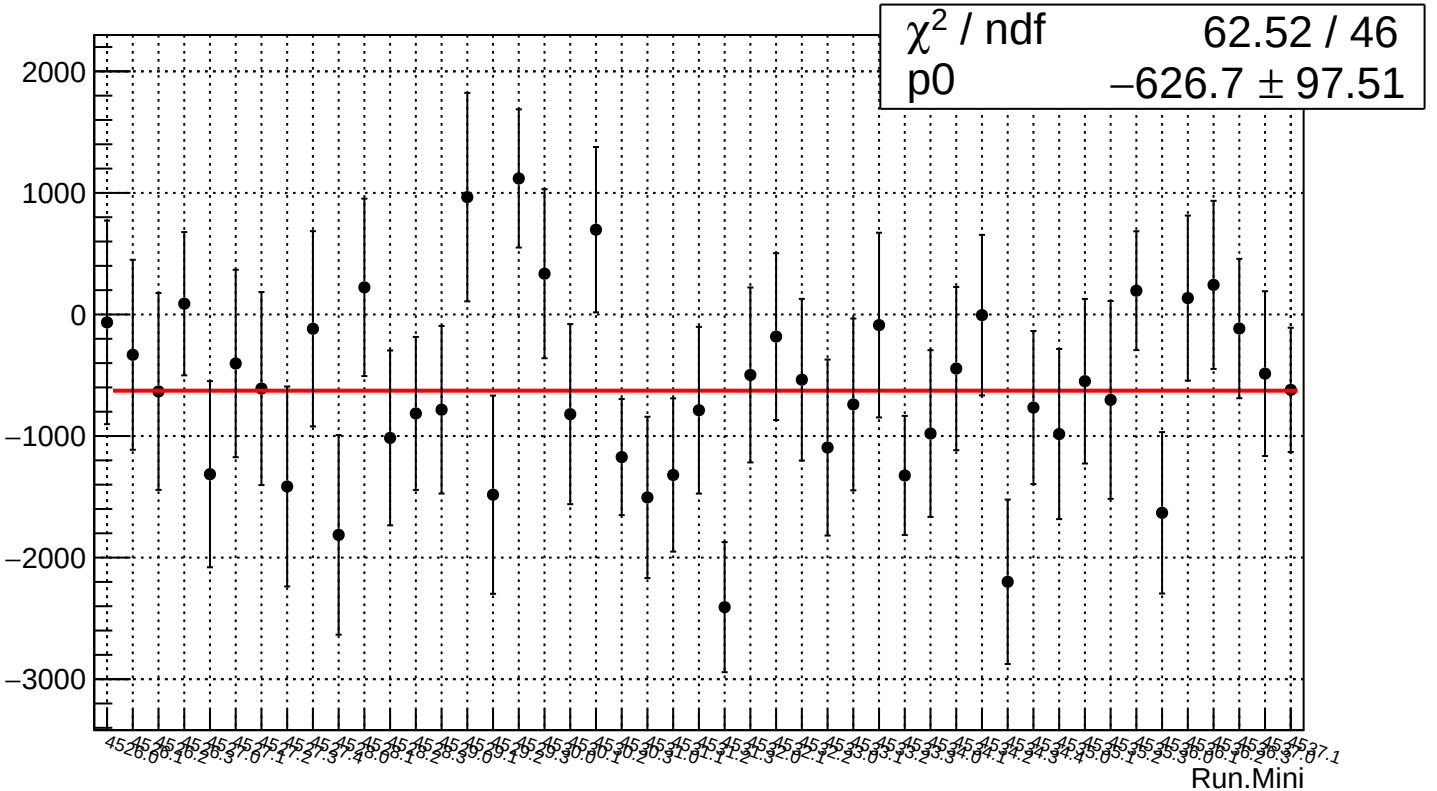

reg_asym_right_avg.rms/ppm
htemp
Entries 47
Mean 130.7
Std Dev 0.9607
4
3.5
3
2.5
2
1.5
1
0.5
0
127
128
129
130
131
132
133
reg_asym_right_avg.rms/ppm

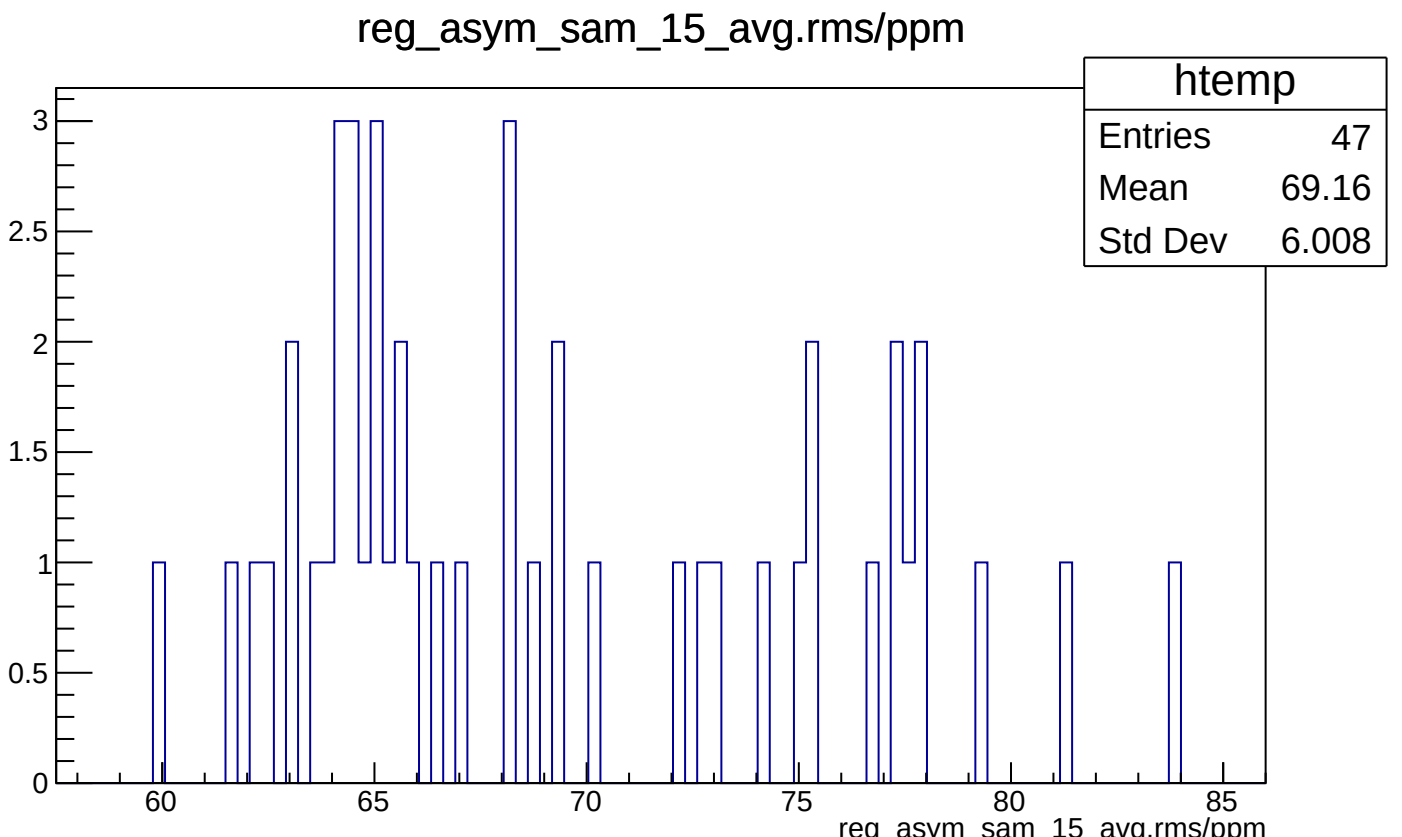

reg_asym_right_avg.rms/ppm
133
132
131
130
129
128
127
Run.Mini

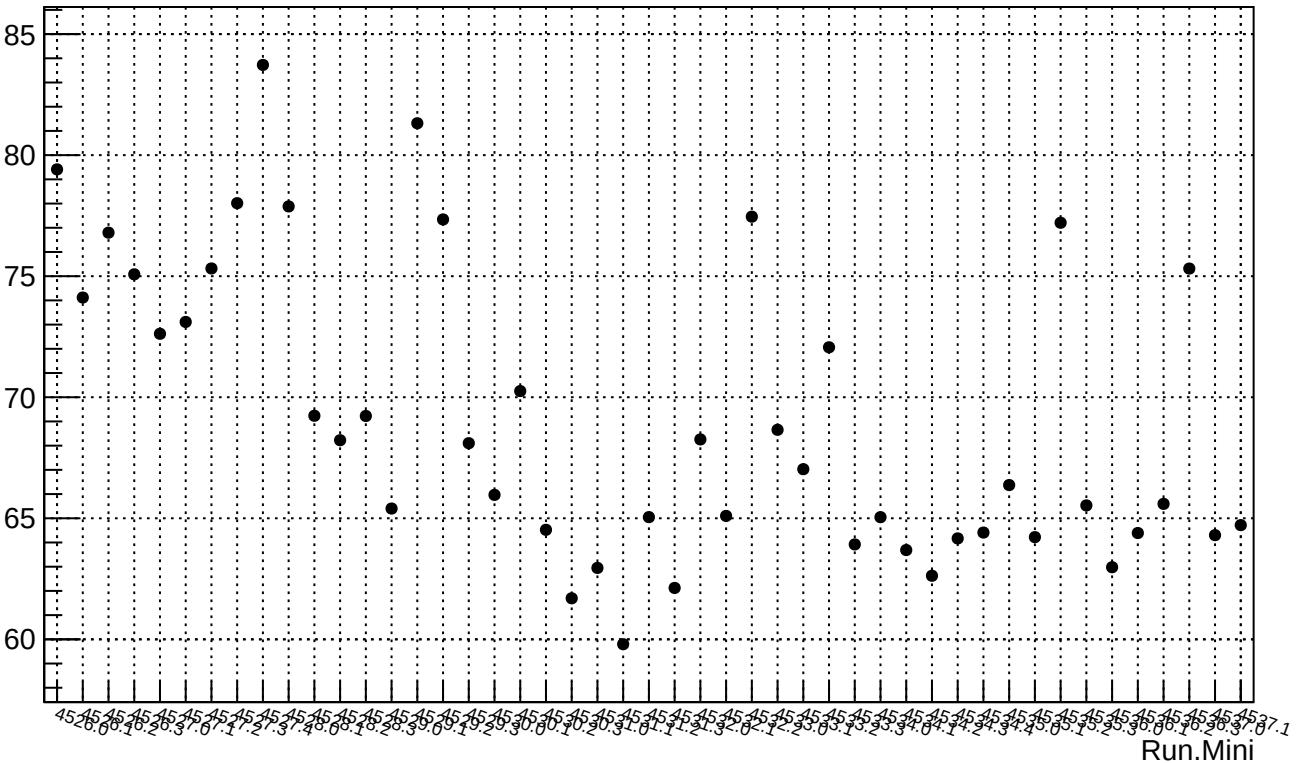

reg_asym_right_dd.mean/ppb
χ² / ndf 41.99 / 46
p0 −42.4 ± 38.22
1000
500
0
−500
−1000
Run.Mini

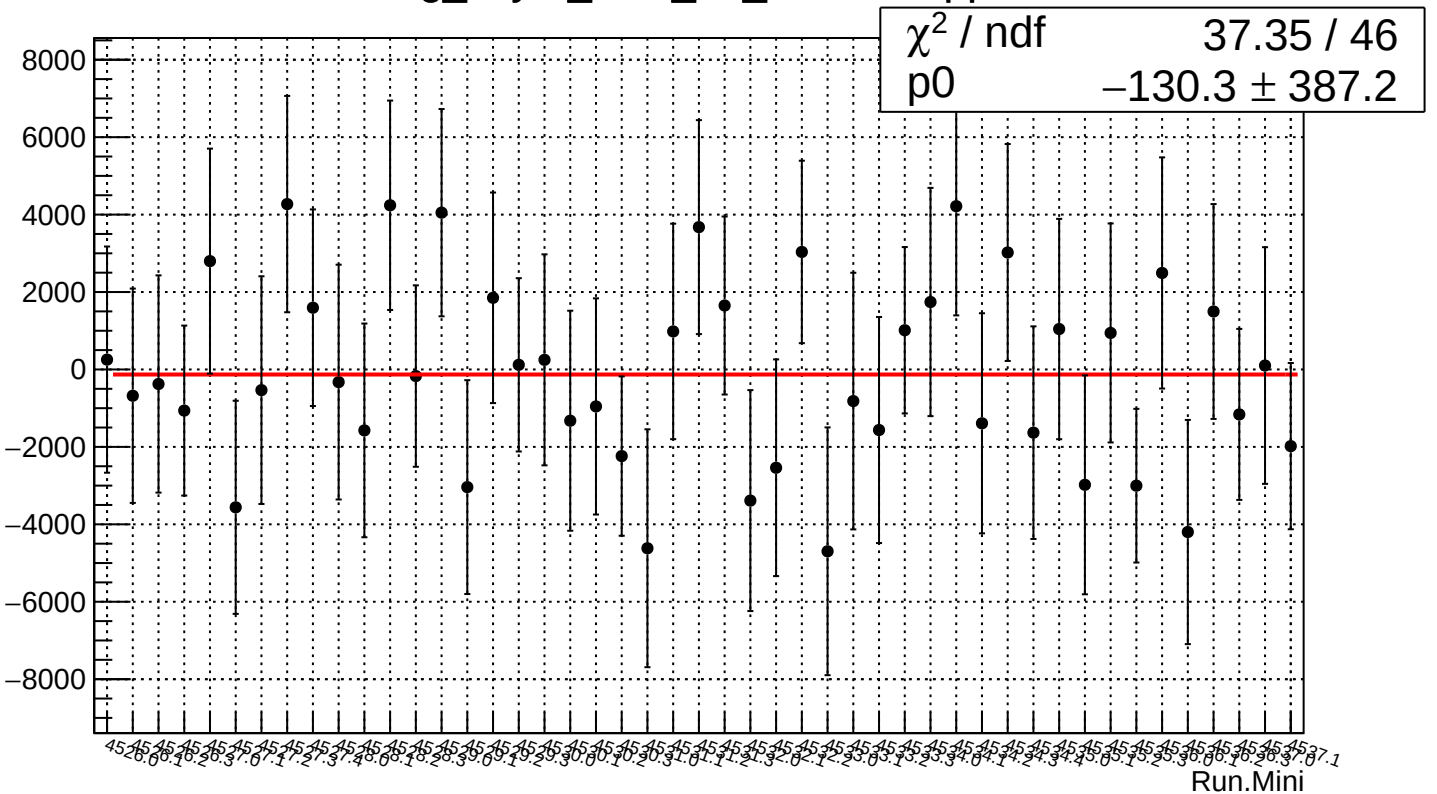

reg_asym_right_dd.rms/ppm
htemp
Entries 47
Mean 26.78
Std Dev 0.221
0
0.5
1
1.5
2
2.5
3
3.5
4
26.2
26.4
26.6
26.8
27
27.2
reg_asym_right_dd.rms/ppm

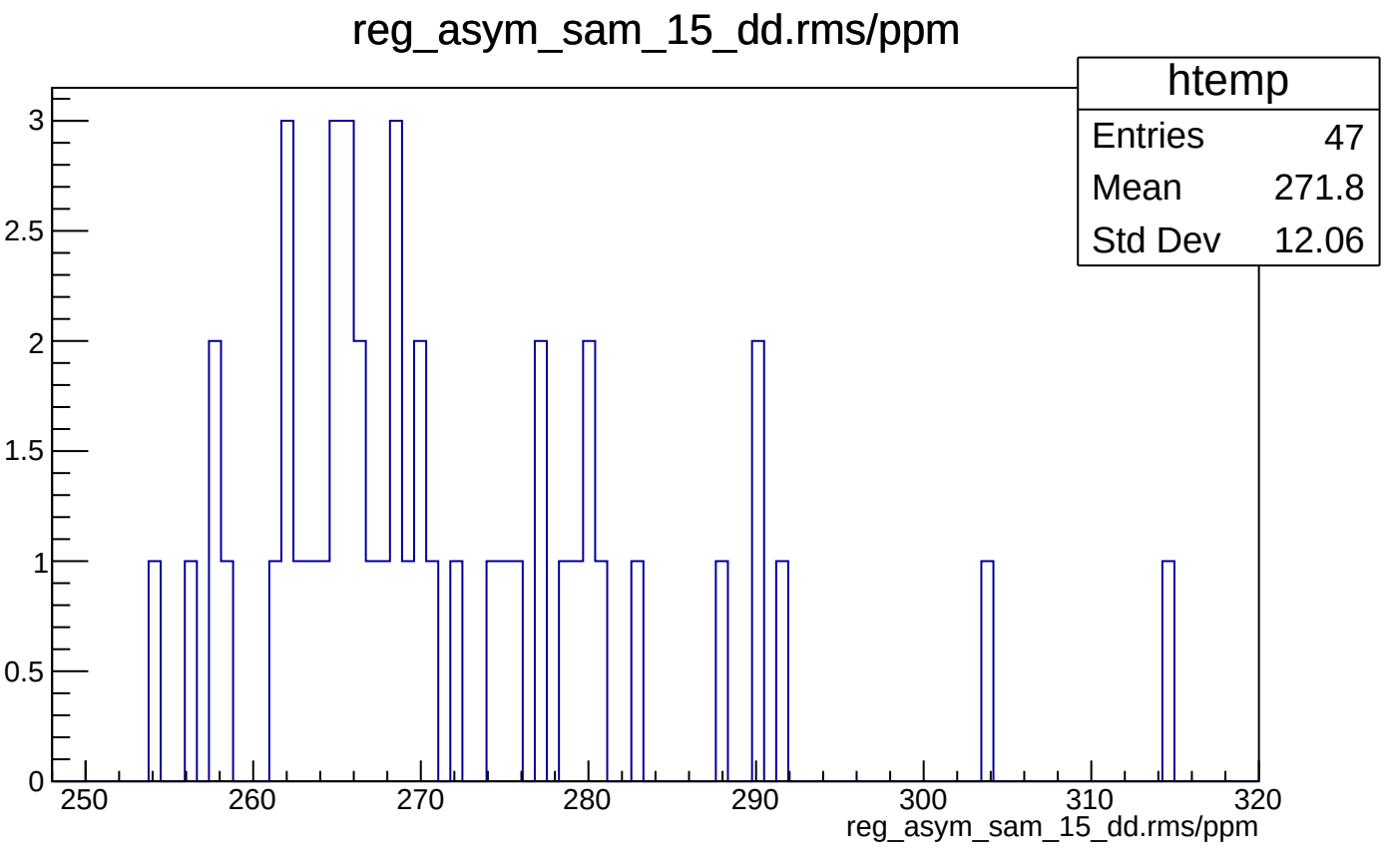

reg_asym_right_dd.rms/ppm
27.2
27
26.8
26.6
26.4
26.2
Run.Mini

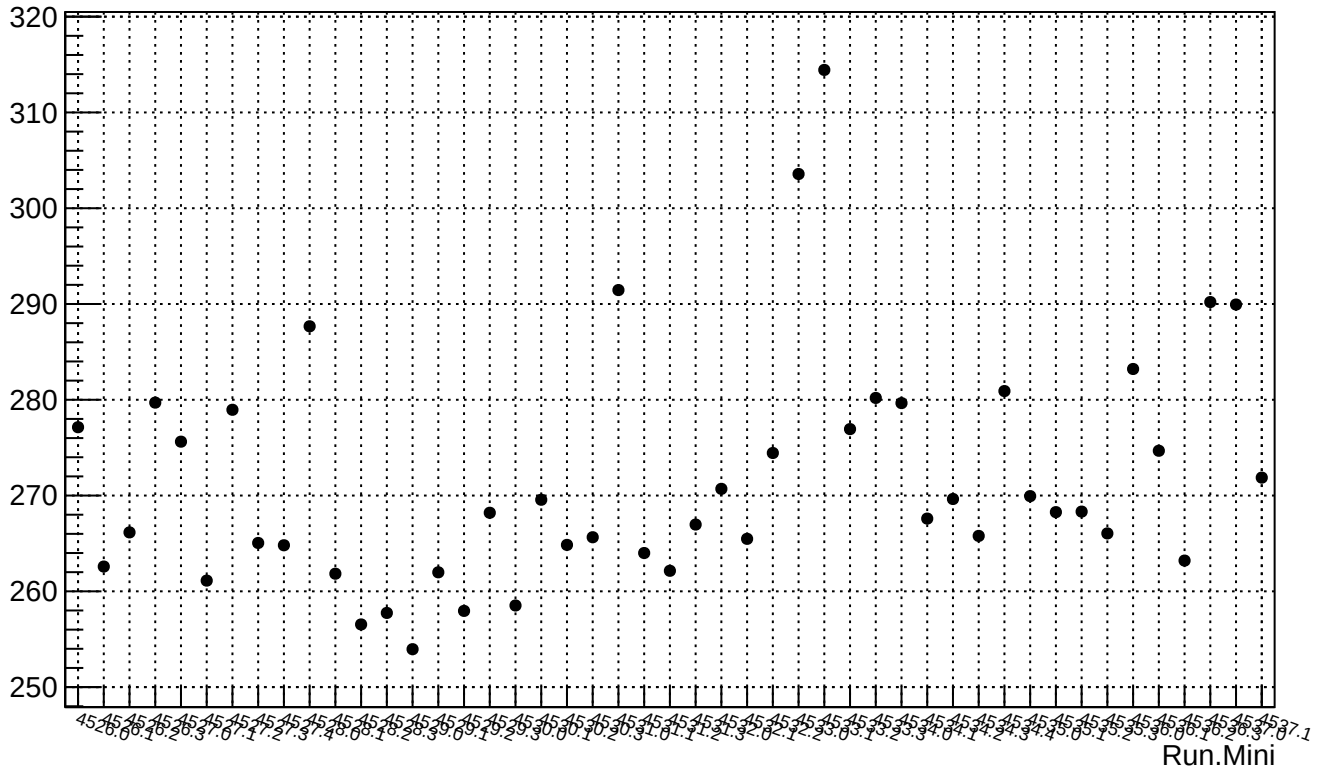

reg_asym_sam_15_avg.mean/ppb
χ² / ndf 62.52 / 46
p0 −626.7 ± 97.51
2000
1000
0
−1000
−2000
−3000
Run.Mini

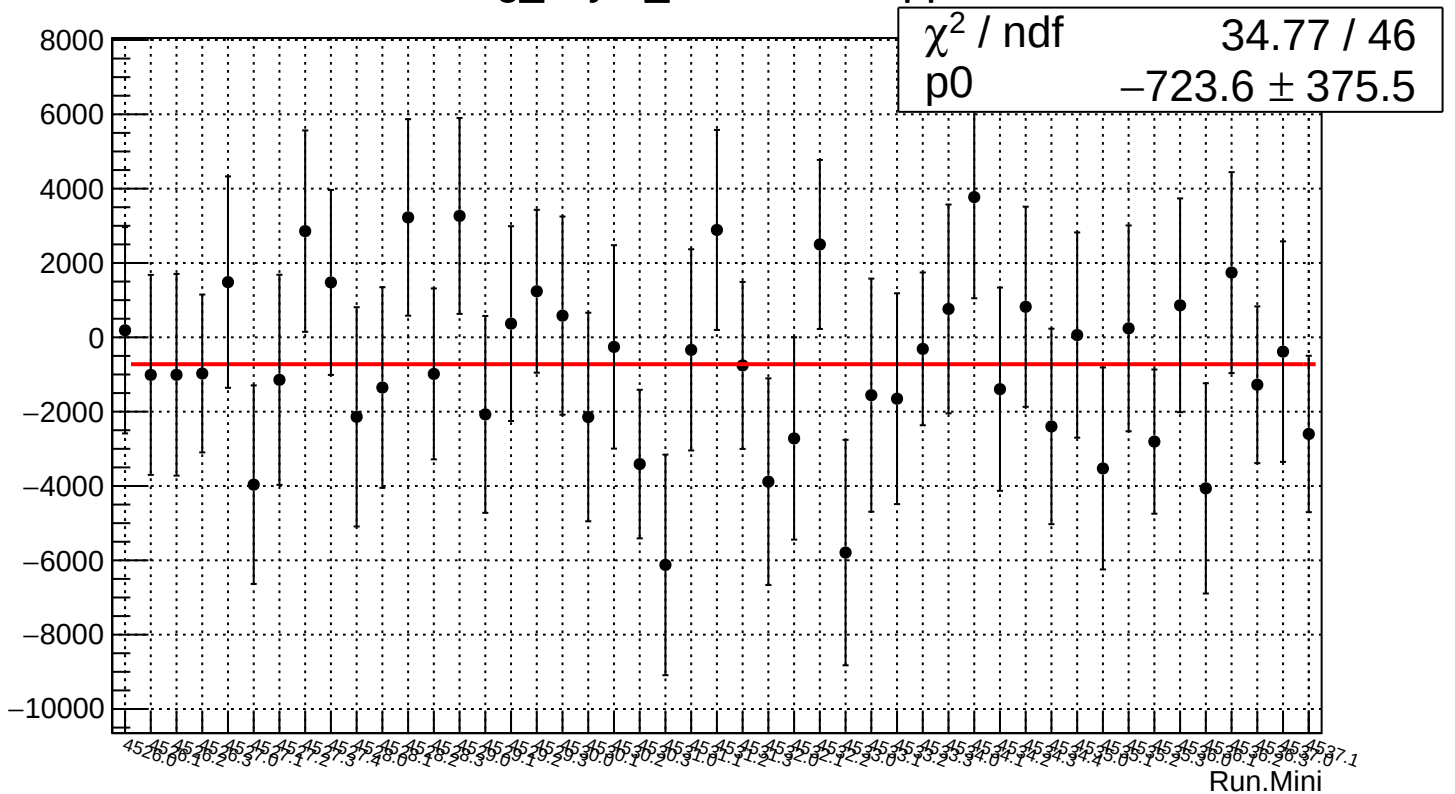

reg_asym_sam_15_avg.rms/ppm
htemp
Entries 47
Mean 69.16
Std Dev 6.008
3
2.5
2
1.5
1
0.5
0
60
65
70
75
80
85
reg_asym_sam_15_avg.rms/ppm

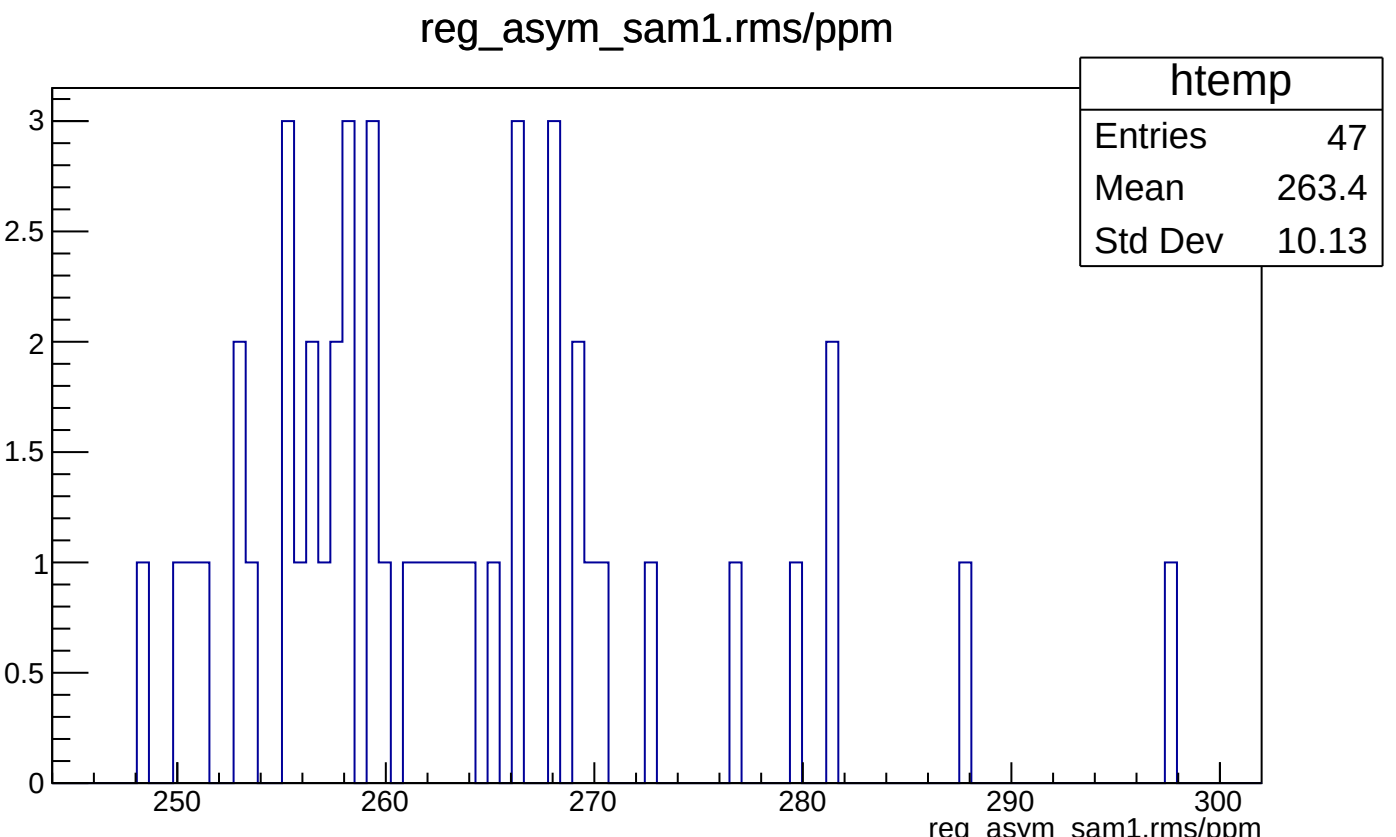

reg_asym_sam_15_avg.rms/ppm
85
80
75
70
65
60
Run.Mini

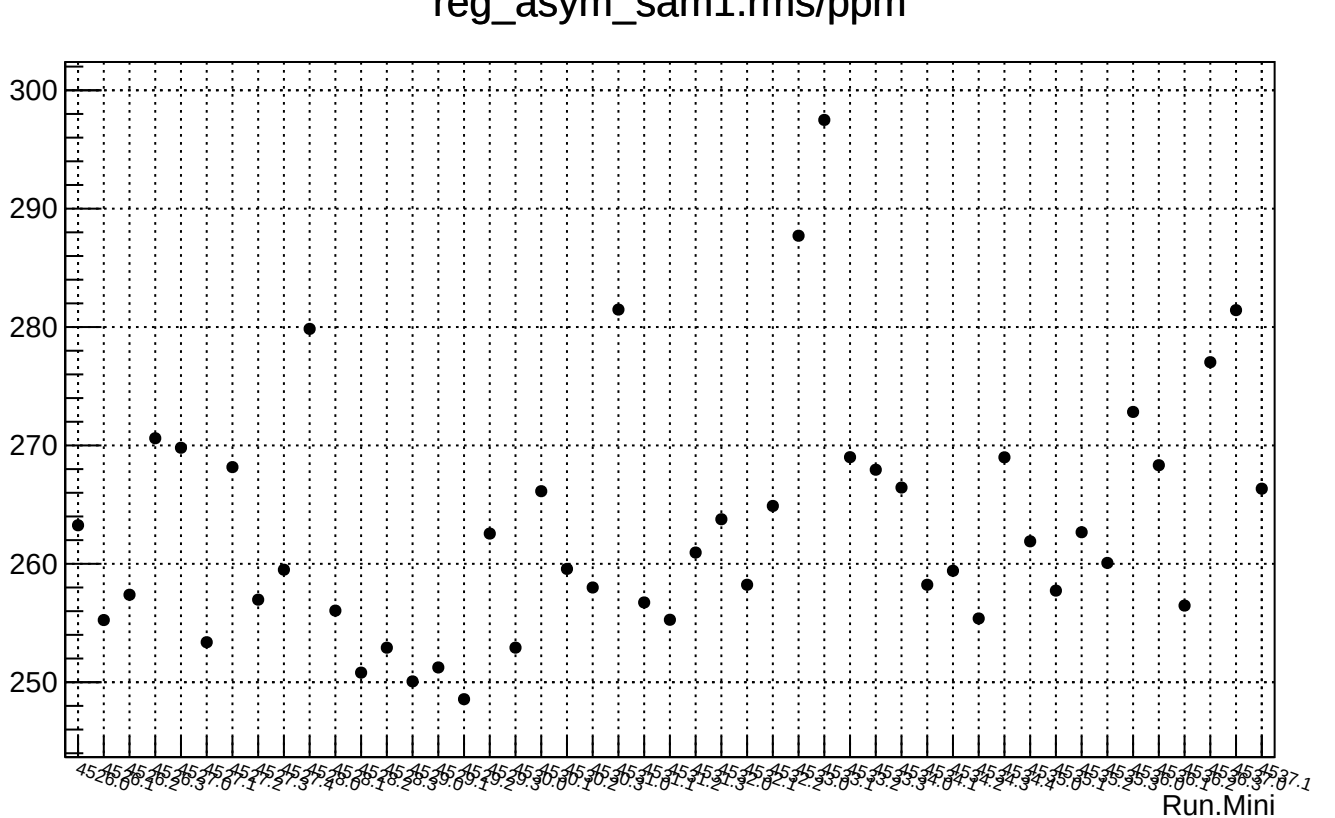

reg_asym_sam_15_dd.mean/ppb
χ² / ndf 37.35 / 46
p0 −130.3 ± 387.2
8000
6000
4000
2000
0
−2000
−4000
−6000
−8000
Run.Mini

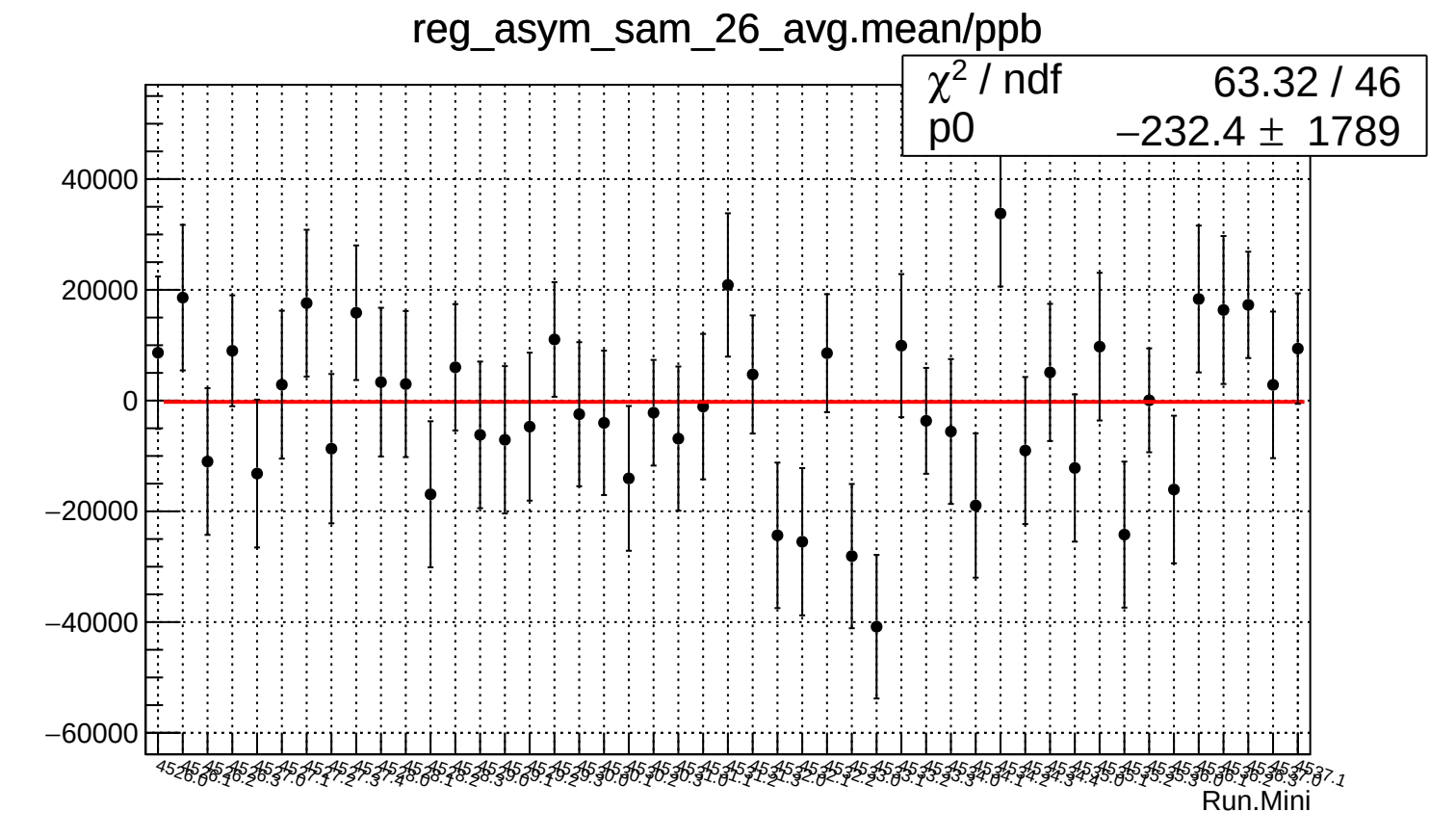

reg_asym_sam_15_dd.rms/ppm
htemp
Entries 47
Mean 271.8
Std Dev 12.06
3
2.5
2
1.5
1
0.5
0
250
260
270
280
290
300
310
320
reg_asym_sam_15_dd.rms/ppm

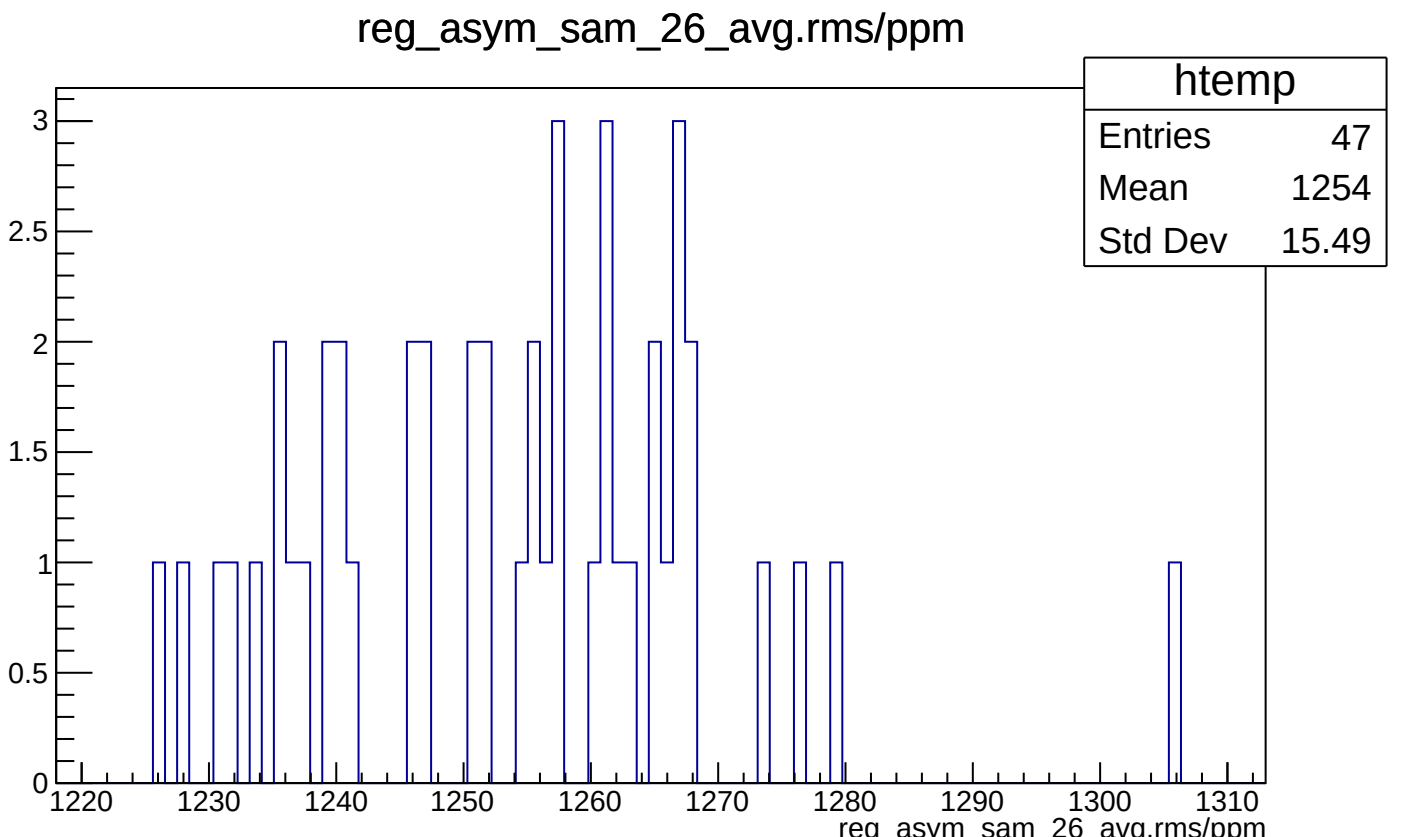

reg_asym_sam_15_dd.rms/ppm
320
310
300
290
280
270
260
250
Run.Mini

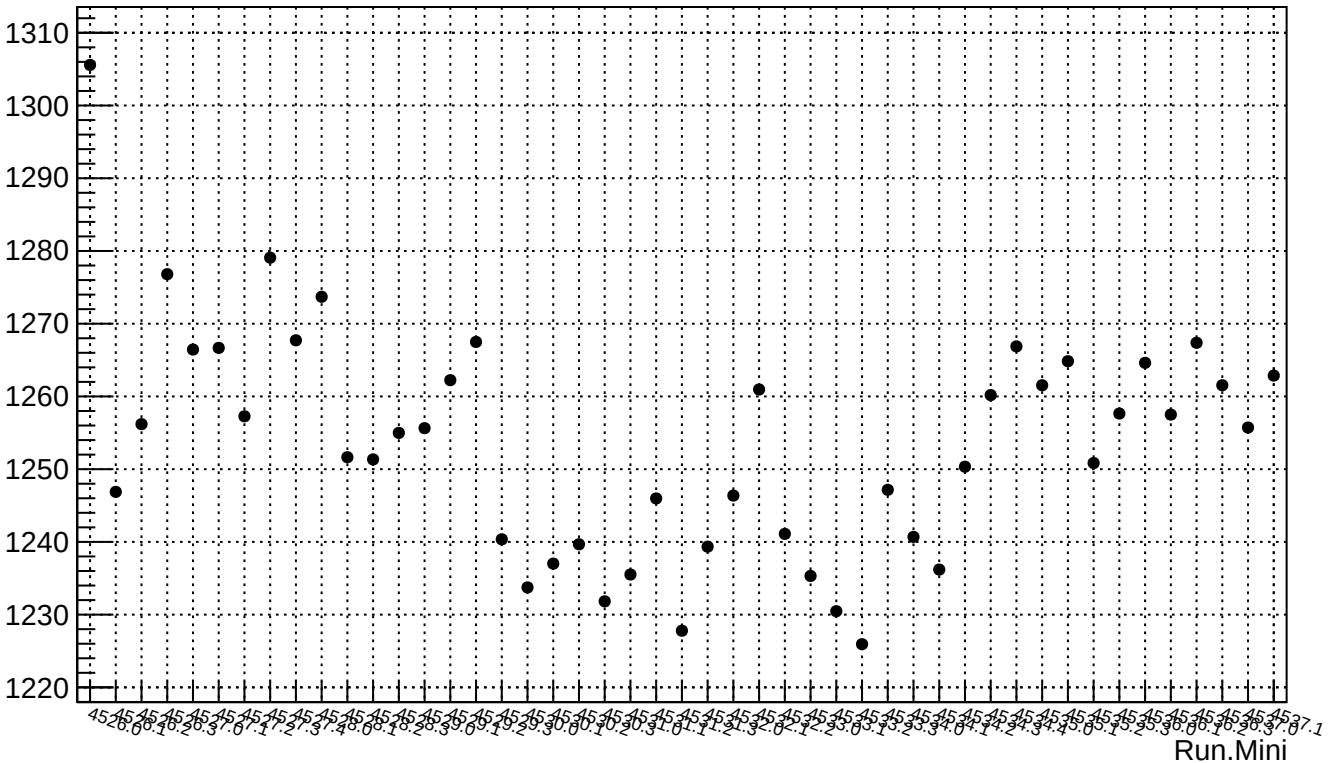

reg_asym_sam1.mean/ppb
χ² / ndf 34.77 / 46
p0 −723.6 ± 375.5
8000
6000
4000
2000
0
−2000
−4000
−6000
−8000
−10000
Run.Mini

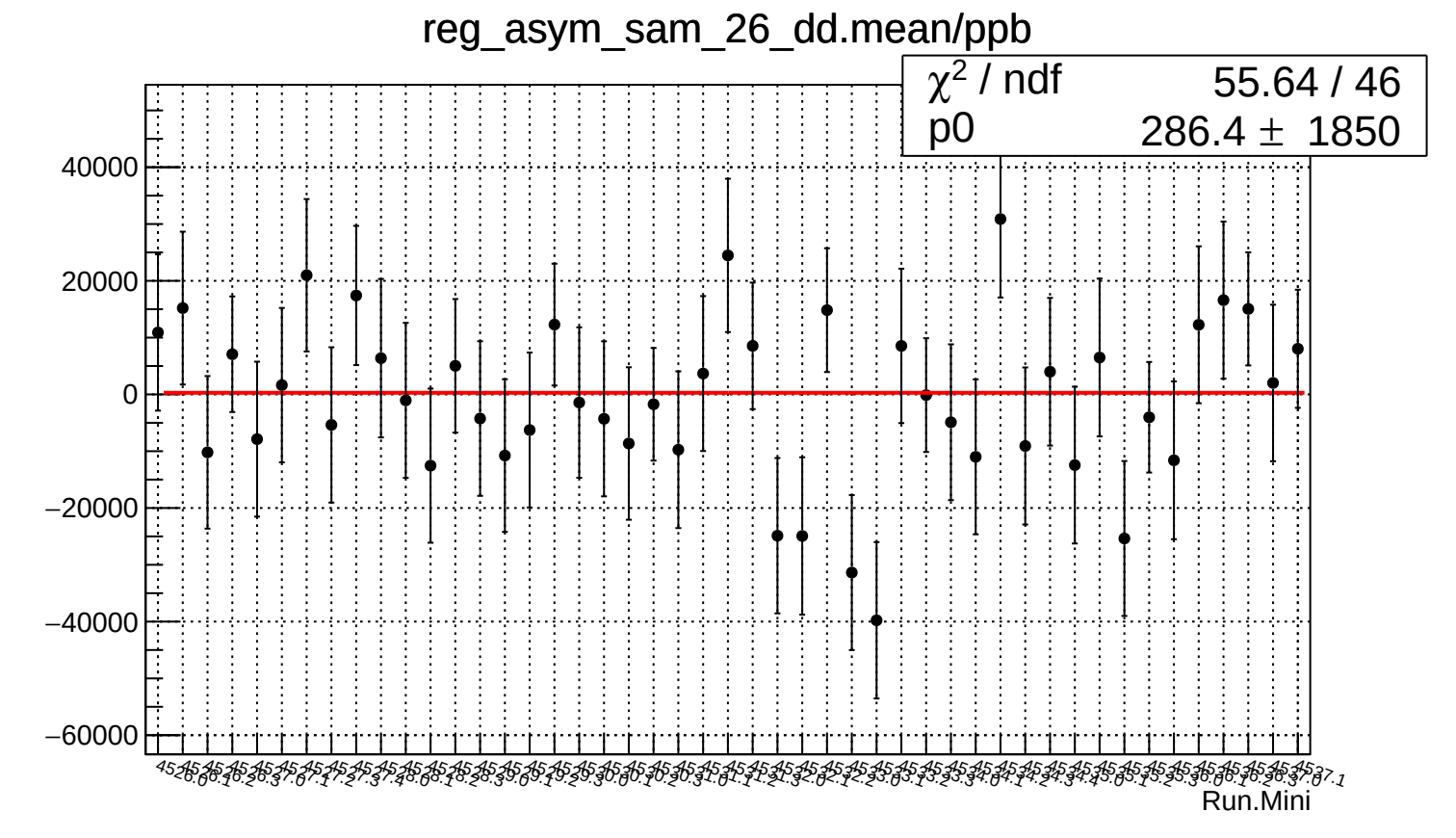

reg_asym_sam1.rms/ppm
htemp
Entries 47
Mean 263.4
Std Dev 10.13
0
0.5
1
1.5
2
2.5
3
250
260
270
280
290
300
reg_asym_sam1.rms/ppm

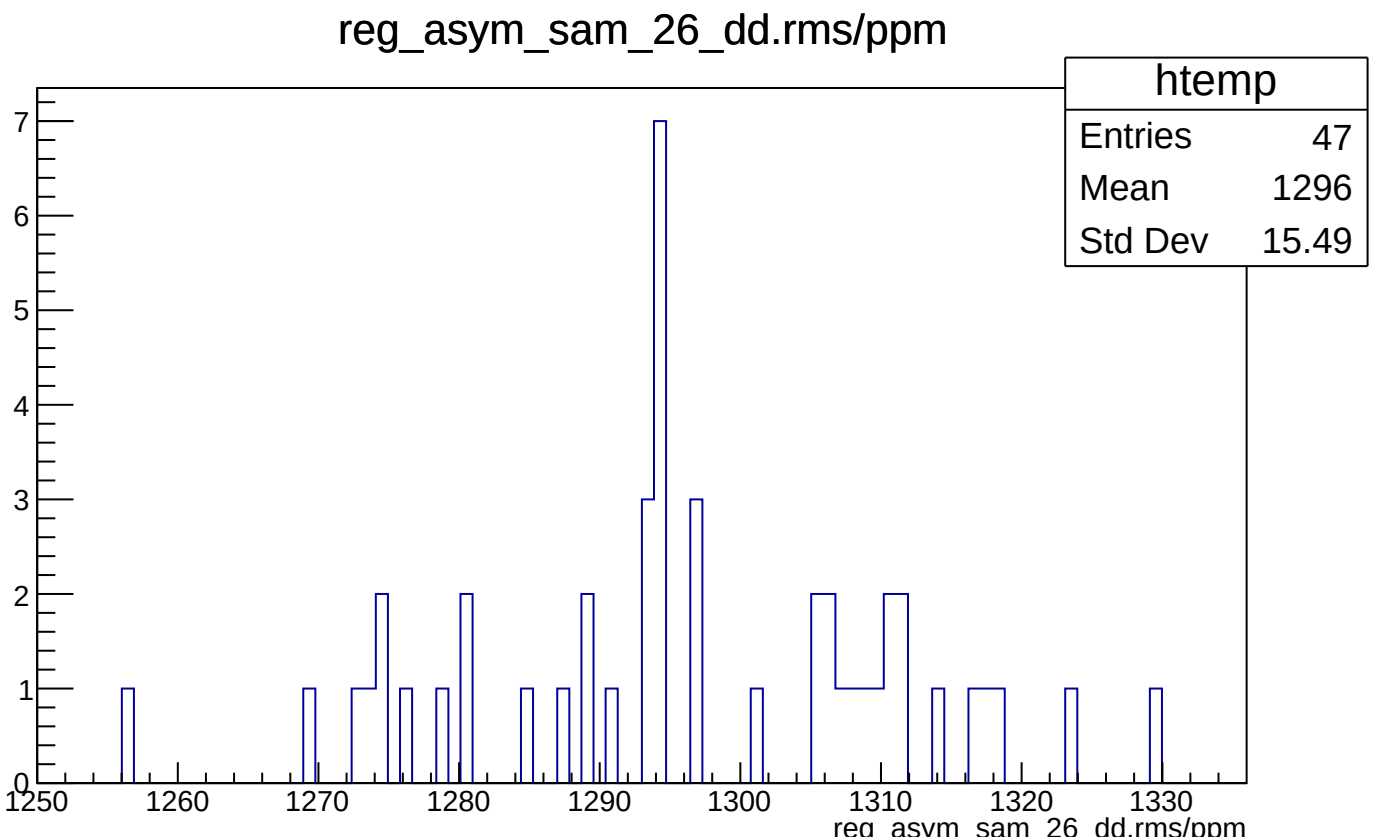

reg_asym_sam1.rms/ppm
300
290
280
270
260
250
Run.Mini

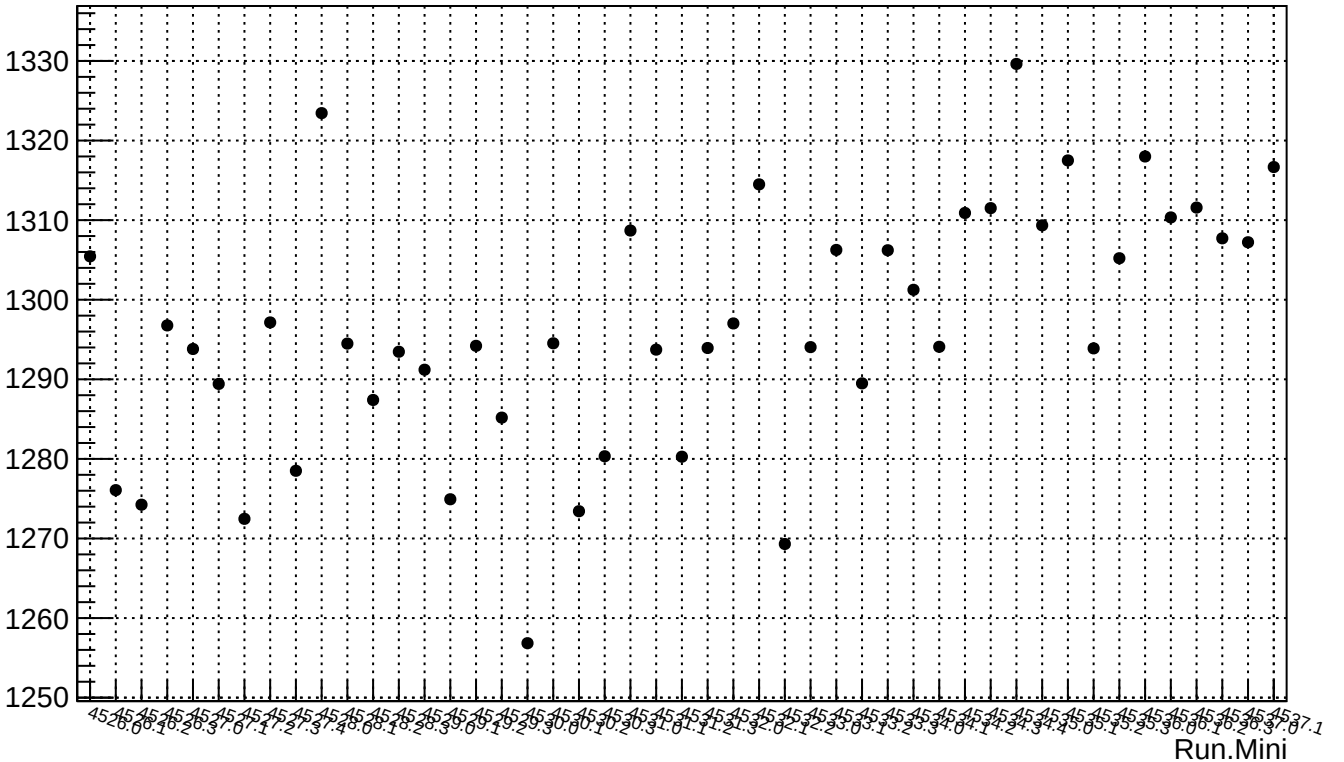

reg_asym_sam_26_avg.mean/ppb
χ² / ndf 63.32 / 46
p0 −232.4 ± 1789
40000
20000
0
−20000
−40000
−60000
Run.Mini

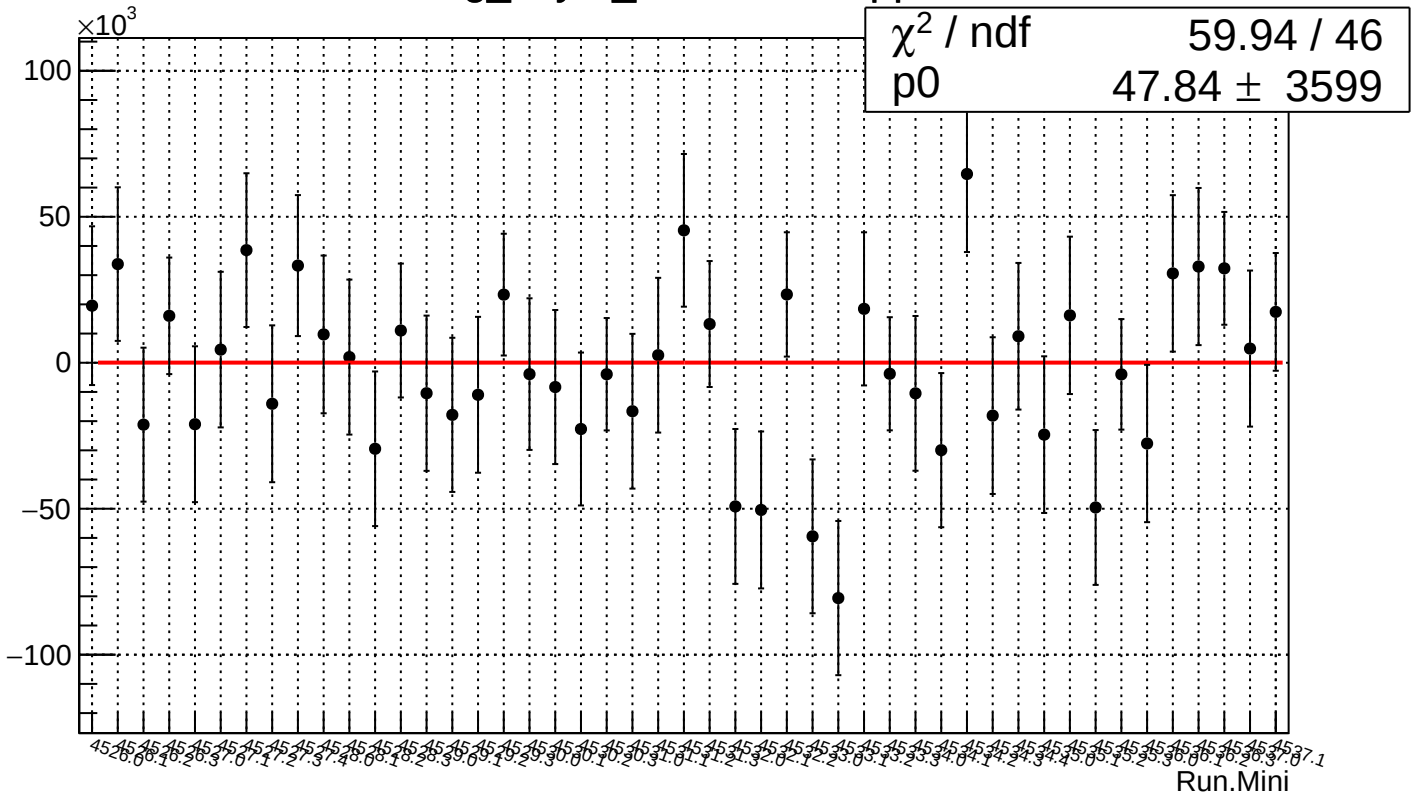

reg_asym_sam_26_avg.rms/ppm
htemp
Entries 47
Mean 1254
Std Dev 15.49
3
2.5
2
1.5
1
0.5
0
1220
1230
1240
1250
1260
1270
1280
1290
1300
1310
reg_asym_sam_26_avg.rms/ppm

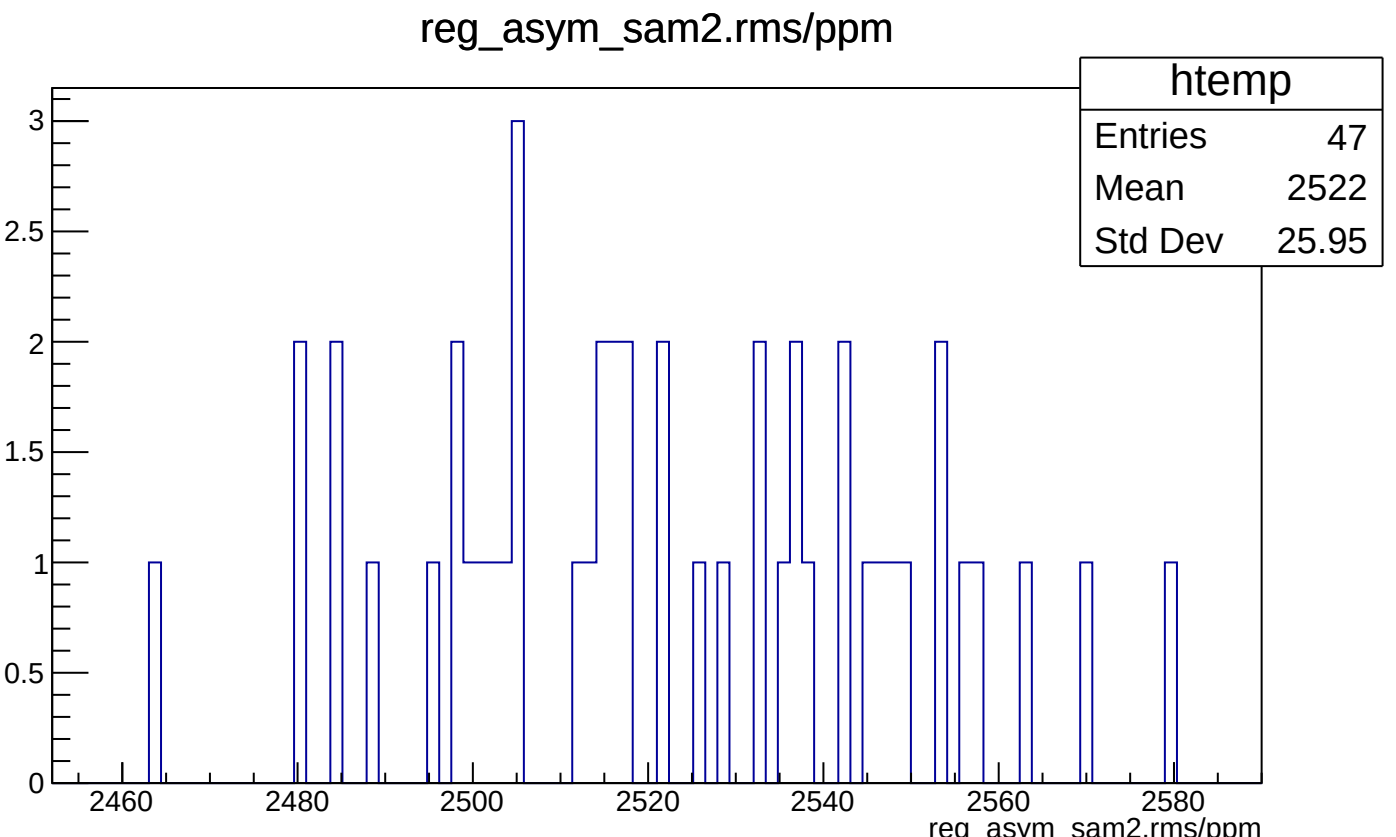

reg_asym_sam_26_avg.rms/ppm
1310
1300
1290
1280
1270
1260
1250
1240
1230
1220
Run.Mini

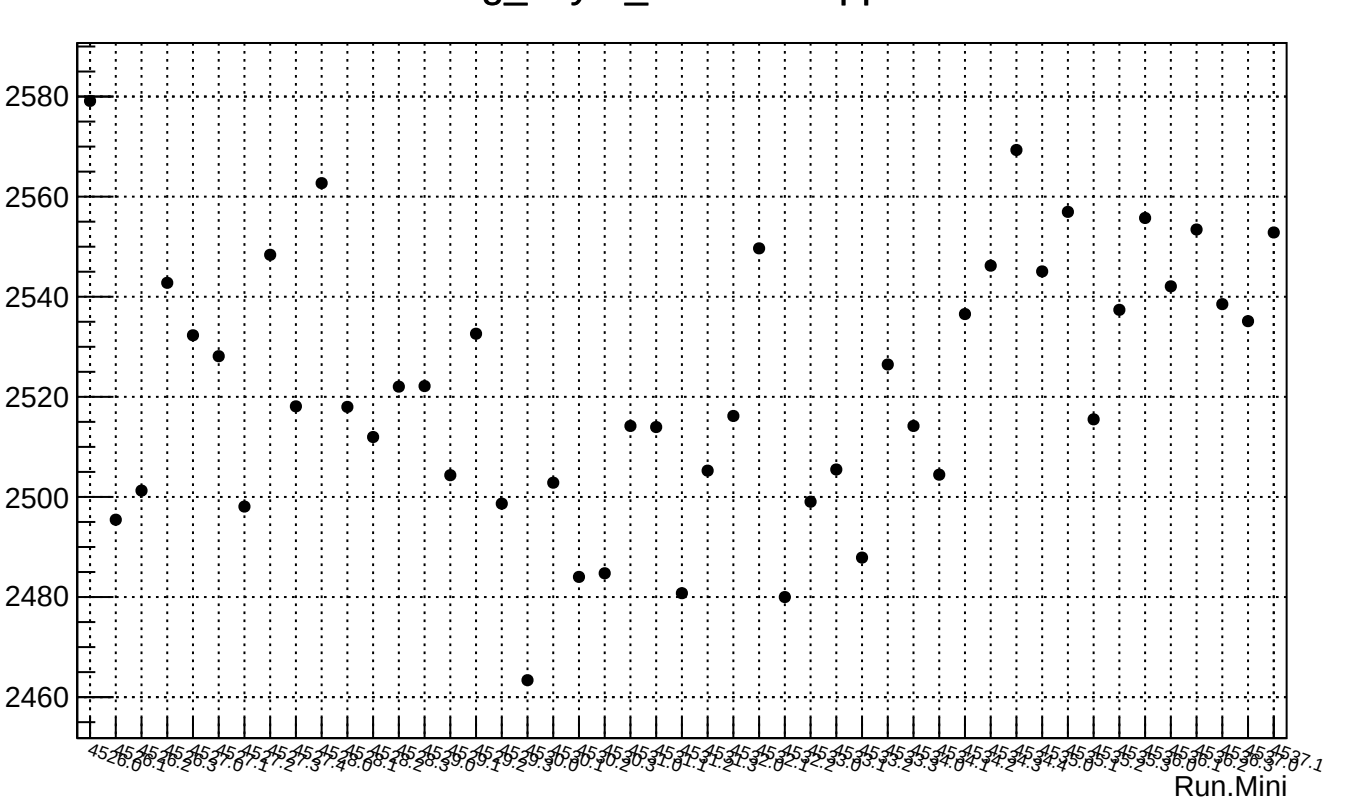

reg_asym_sam_26_dd.mean/ppb
χ² / ndf 55.64 / 46
p0 286.4 ± 1850
40000
20000
0
−20000
−40000
−60000
Run.Mini

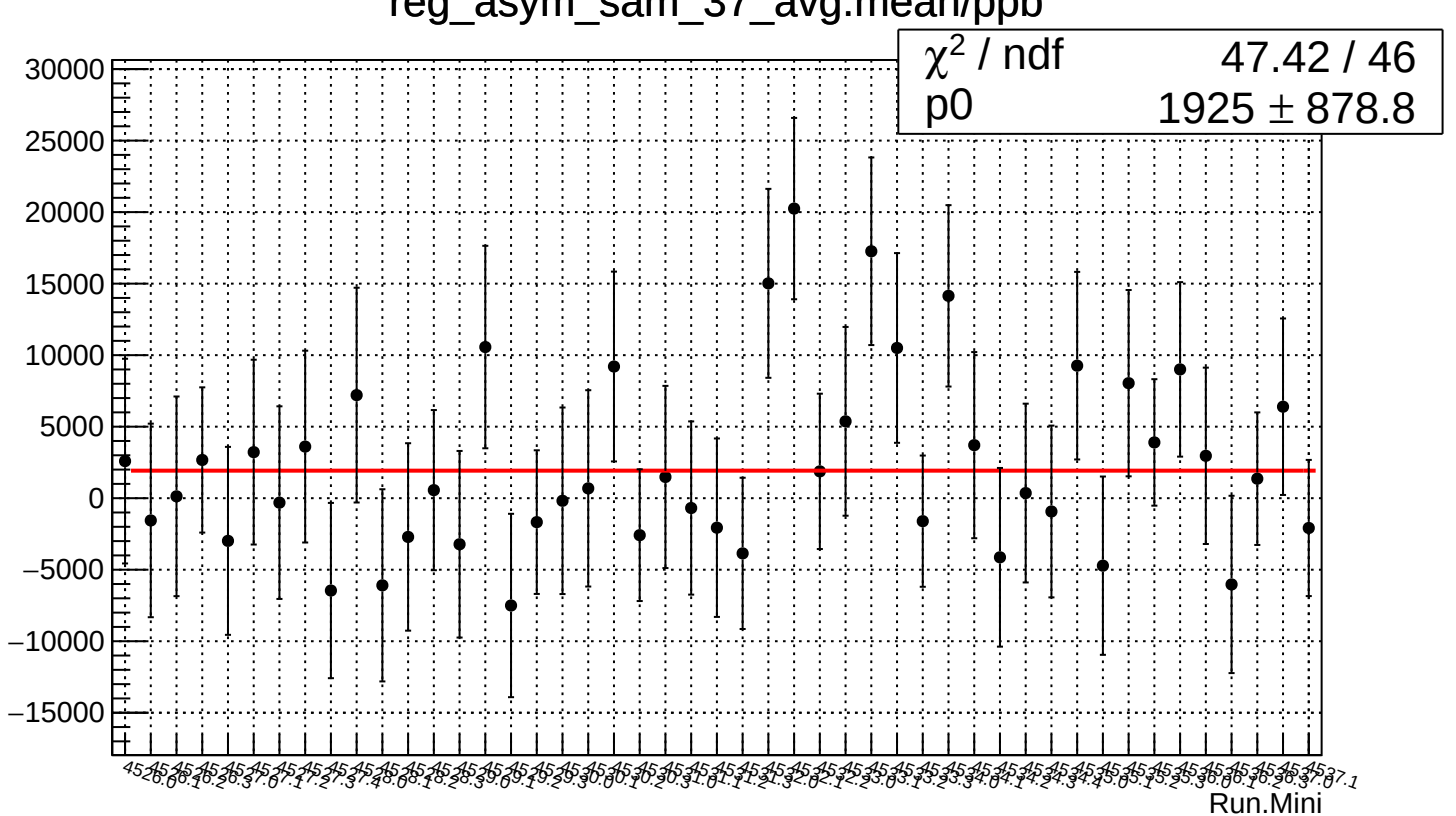

reg_asym_sam_26_dd.rms/ppm
htemp
Entries 47
Mean 1296
Std Dev 15.49
0
1
2
3
4
5
6
7
1250
1260
1270
1280
1290
1300
1310
1320
1330
reg_asym_sam_26_dd.rms/ppm

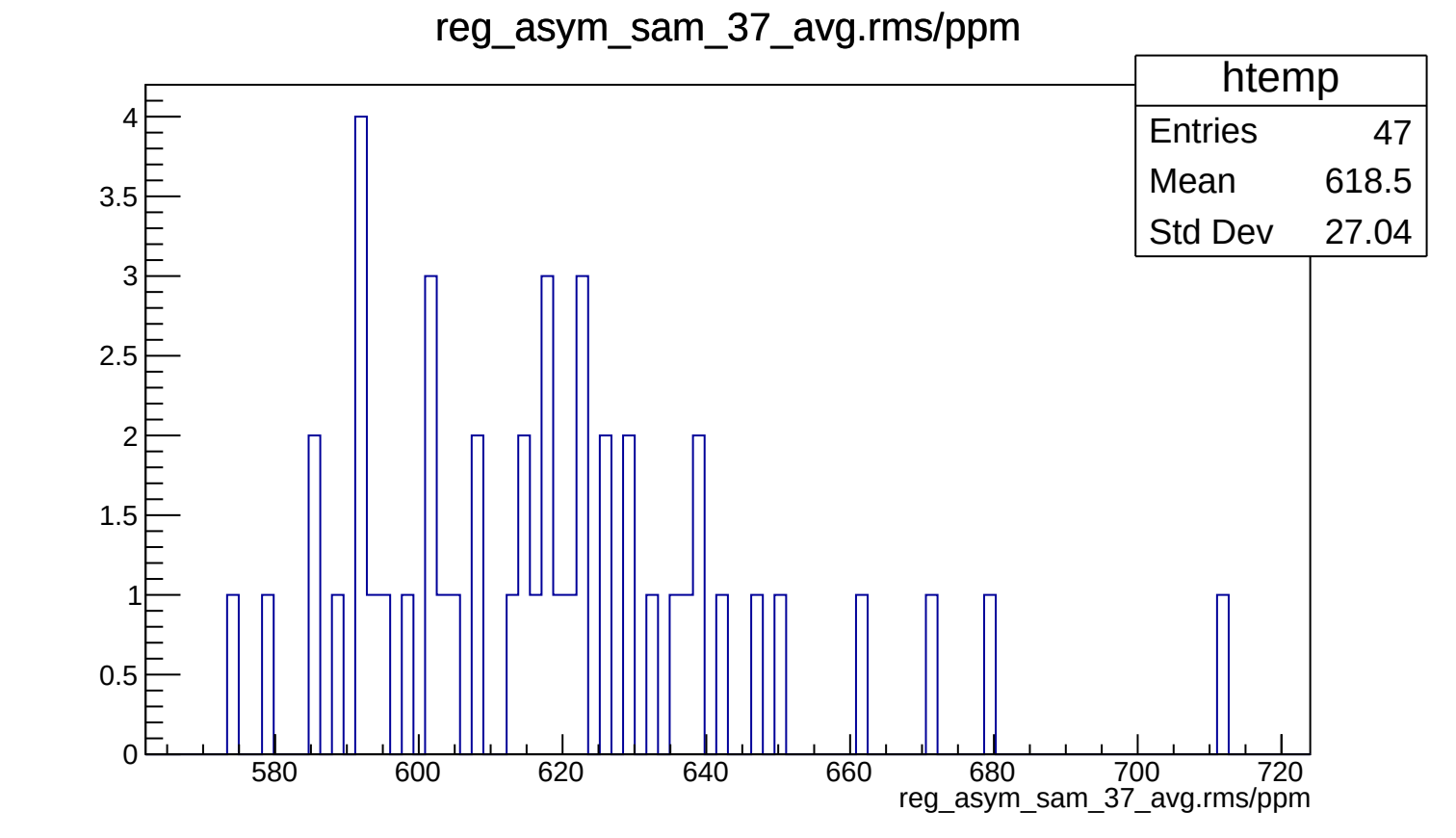

reg_asym_sam_26_dd.rms/ppm
1330
1320
1310
1300
1290
1280
1270
1260
1250
Run.Mini

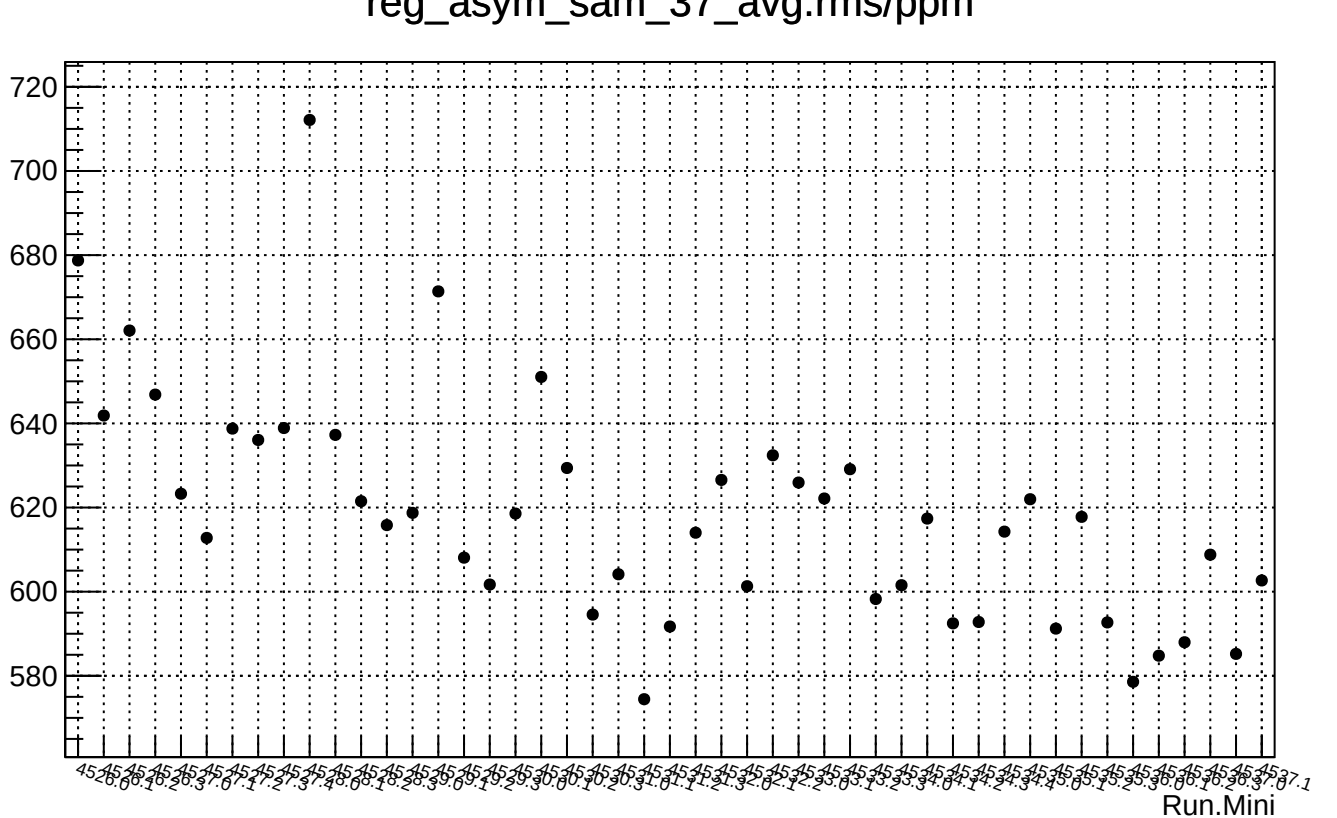

reg_asym_sam2.mean/ppb
×10^3
χ^2 / ndf 59.94 / 46
p0 47.84 ± 3599
100
50
0
−50
−100
Run.Mini

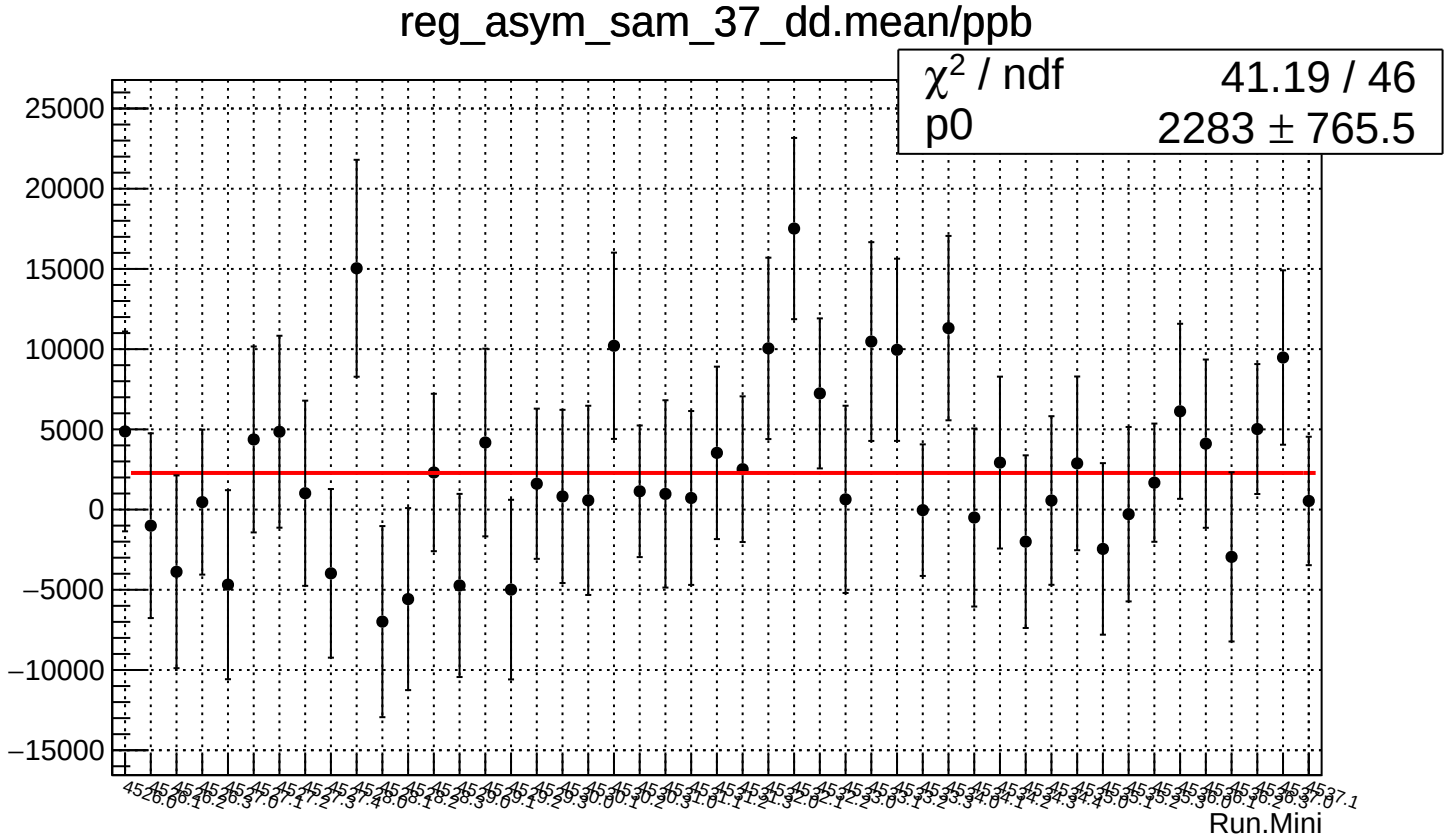

reg_asym_sam2.rms/ppm
htemp
Entries 47
Mean 2522
Std Dev 25.95
3
2.5
2
1.5
1
0.5
0
2460
2480
2500
2520
2540
2560
2580
reg_asym_sam2.rms/ppm

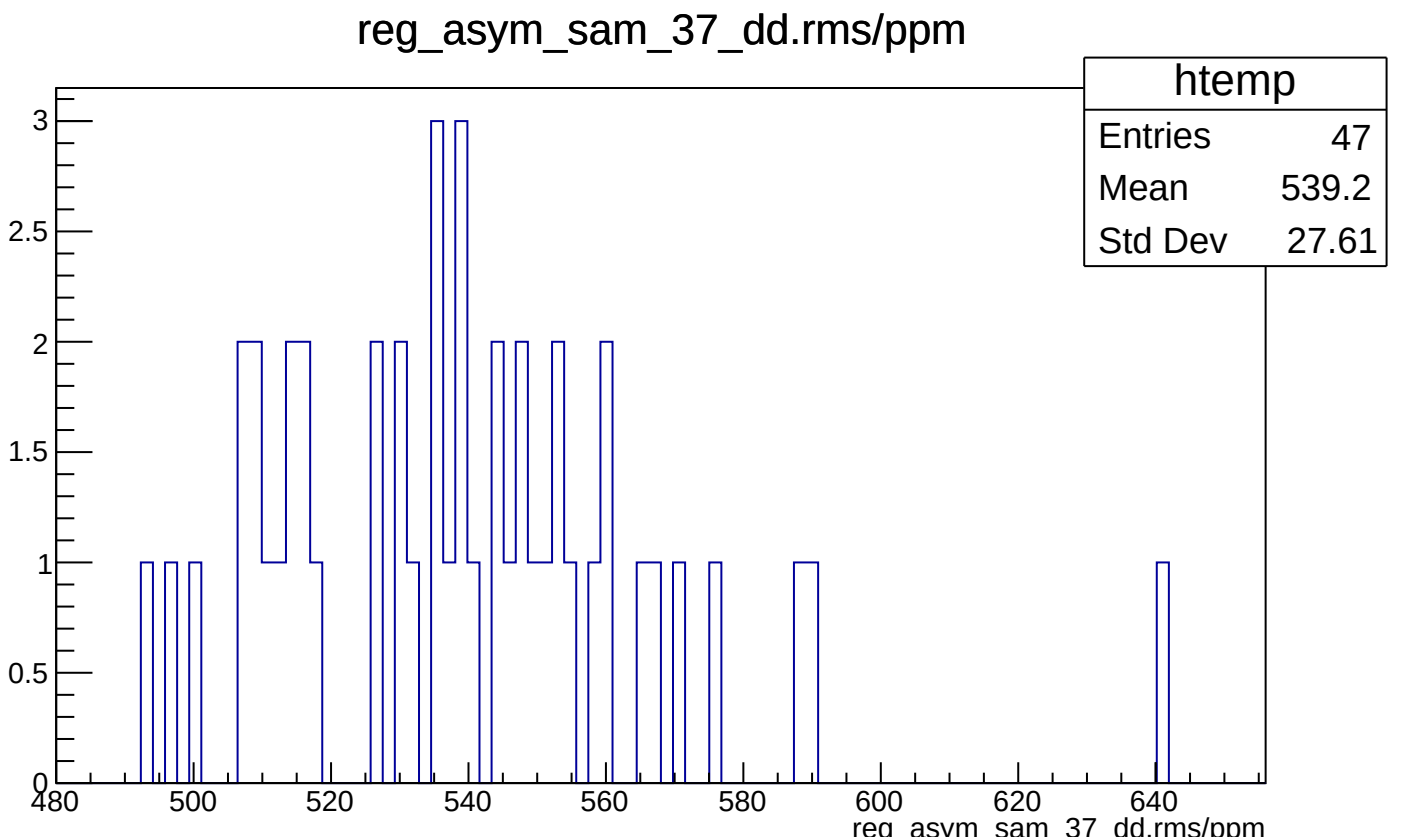

reg_asym_sam2.rms/ppm
2580
2560
2540
2520
2500
2480
2460
Run.Mini

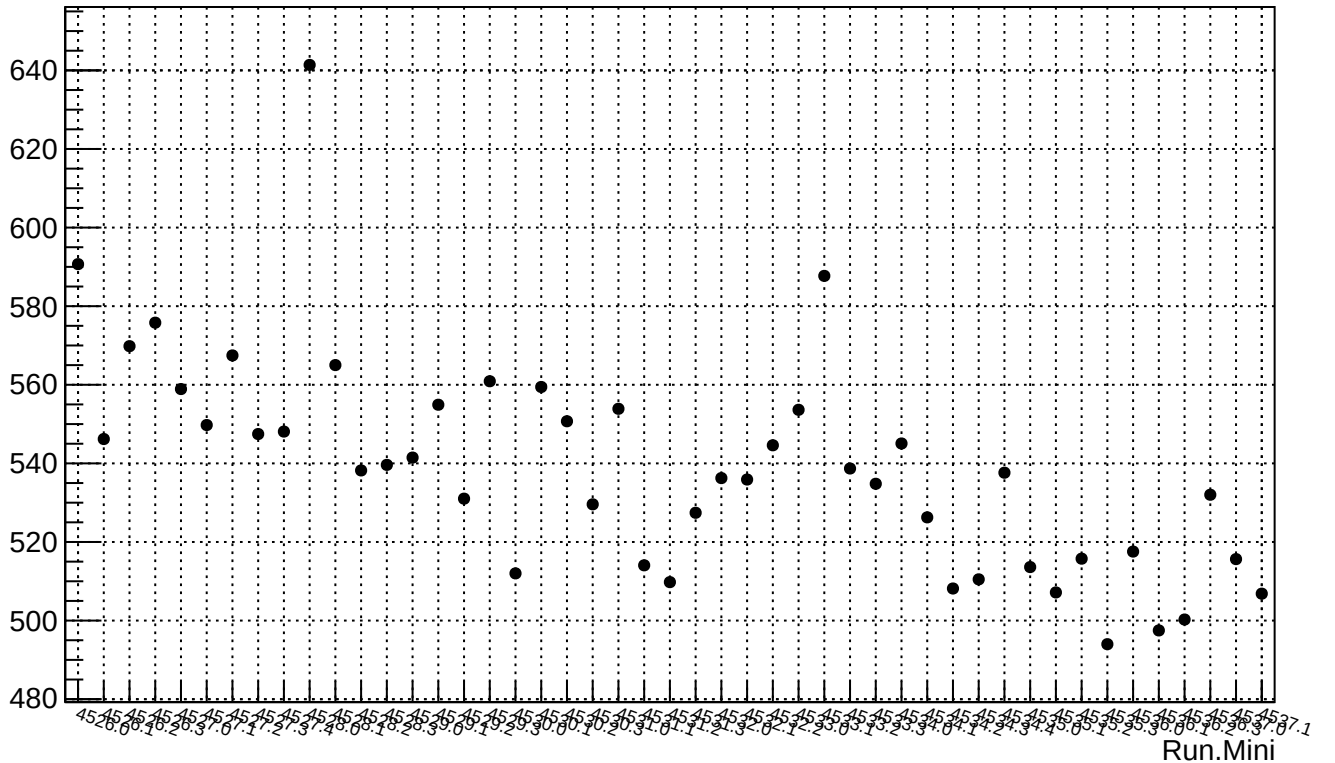

reg_asym_sam_37_avg.mean/ppb
χ² / ndf 47.42 / 46
p0 1925 ± 878.8
30000
25000
20000
15000
10000
5000
0
−5000
−10000
−15000
Run.Mini

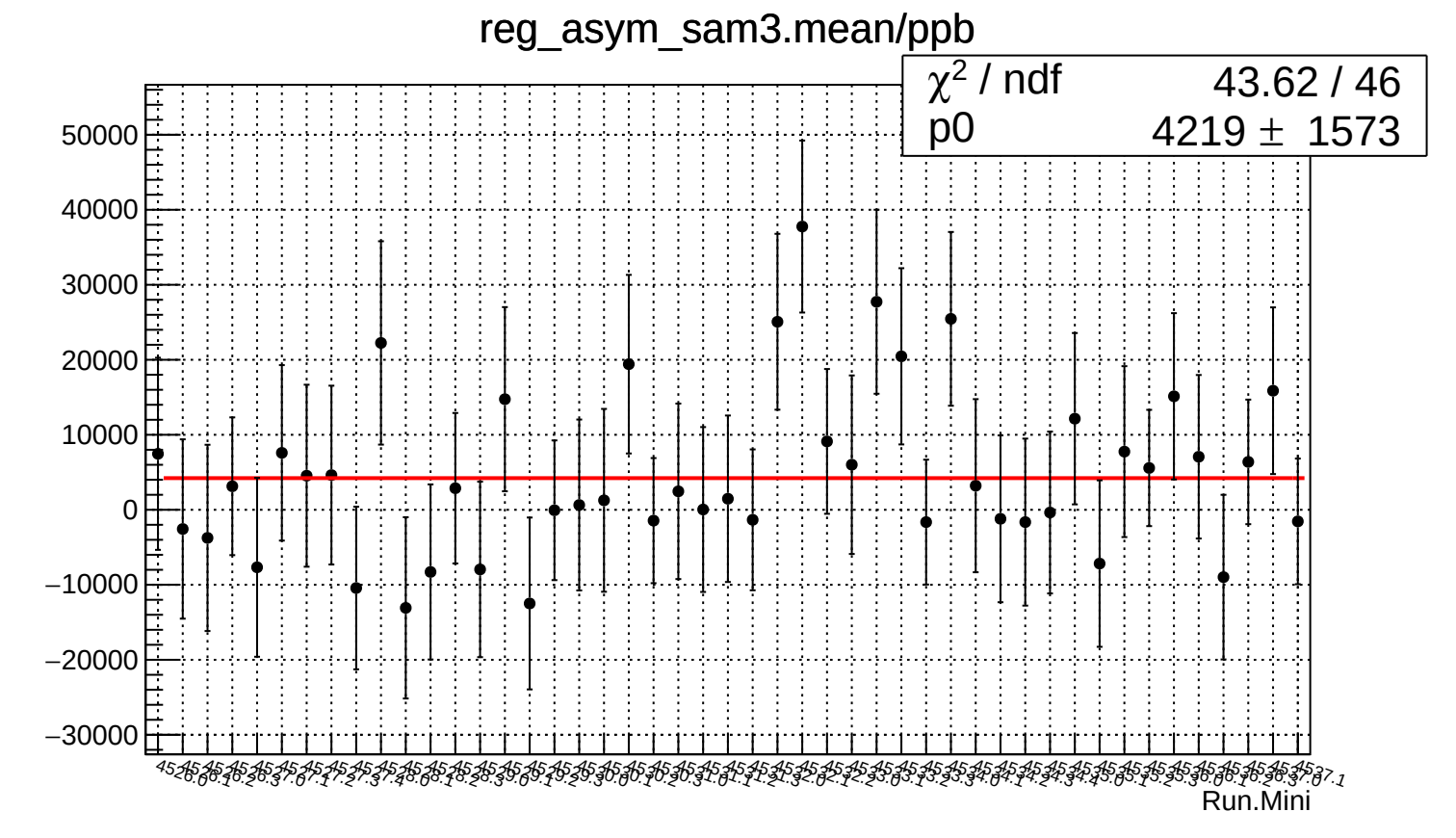

reg_asym_sam_37_avg.rms/ppm
htemp
Entries 47
Mean 618.5
Std Dev 27.04
0
0.5
1
1.5
2
2.5
3
3.5
4
580
600
620
640
660
680
700
720
reg_asym_sam_37_avg.rms/ppm

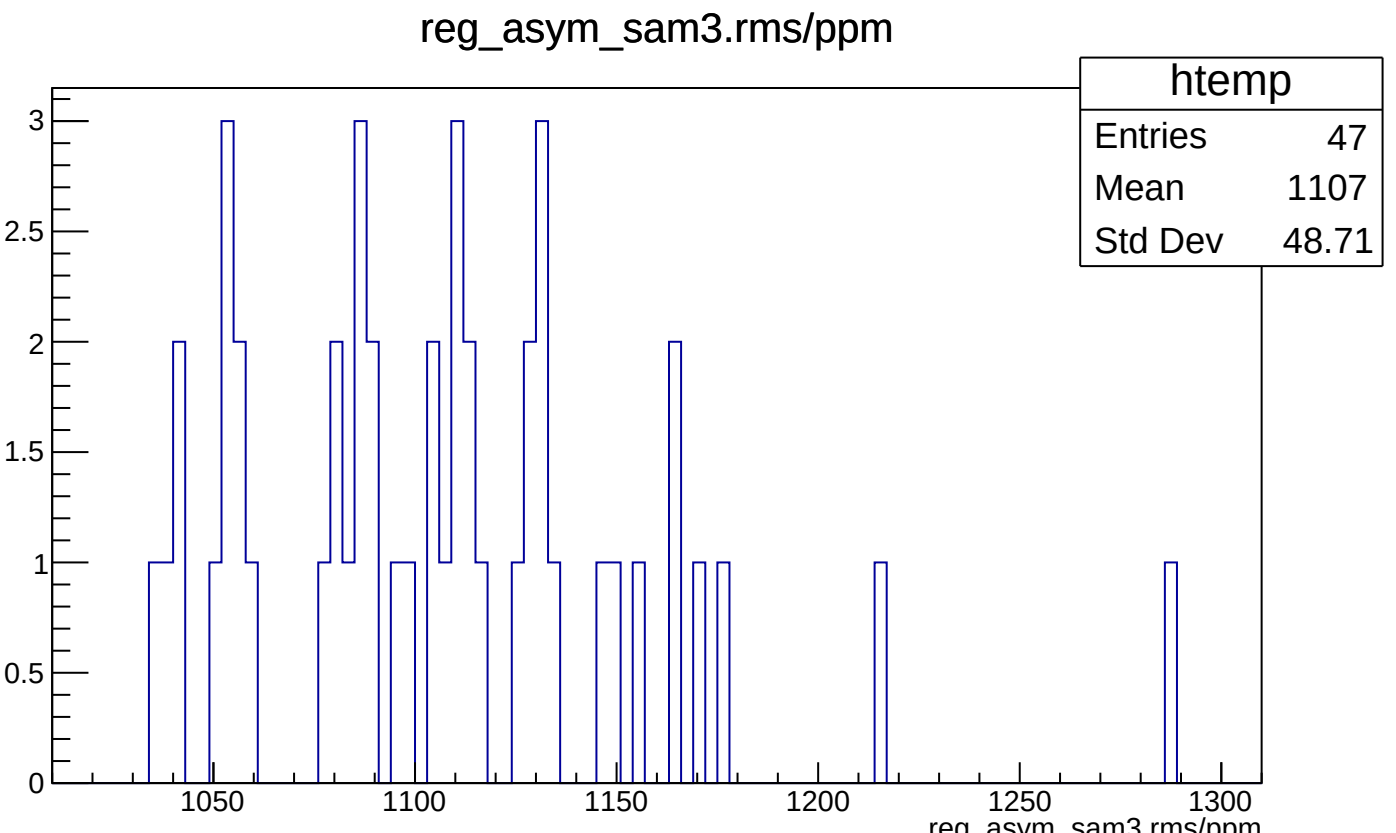

reg_asym_sam_37_avg.rms/ppm
720
700
680
660
640
620
600
580
Run.Mini

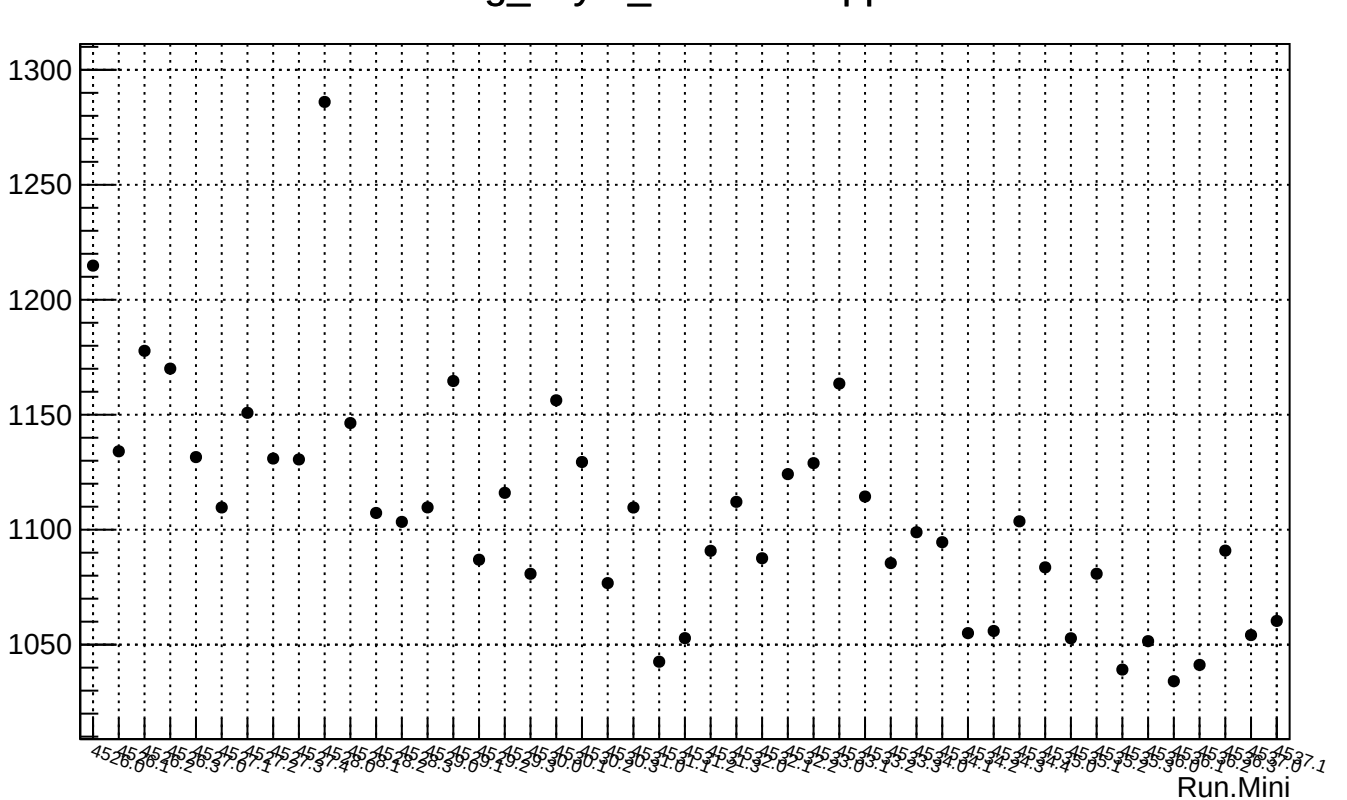

reg_asym_sam_37_dd.mean/ppb
χ^2 / ndf 41.19 / 46
p0 2283 ± 765.5
25000
20000
15000
10000
5000
0
−5000
−10000
−15000
Run.Mini

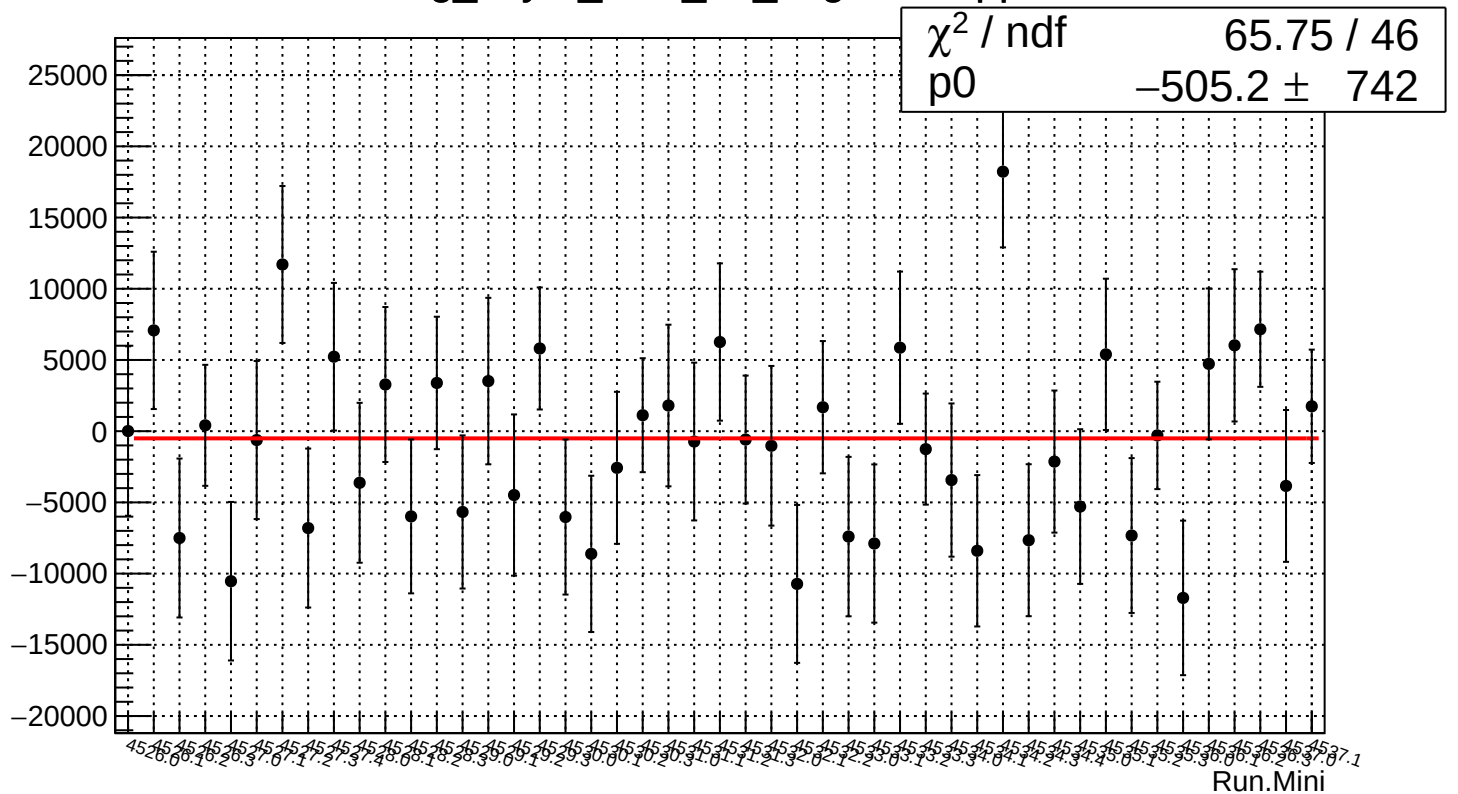

reg_asym_sam_37_dd.rms/ppm
htemp
Entries 47
Mean 539.2
Std Dev 27.61
3
2.5
2
1.5
1
0.5
0
480
500
520
540
560
580
600
620
640
reg_asym_sam_37_dd.rms/ppm

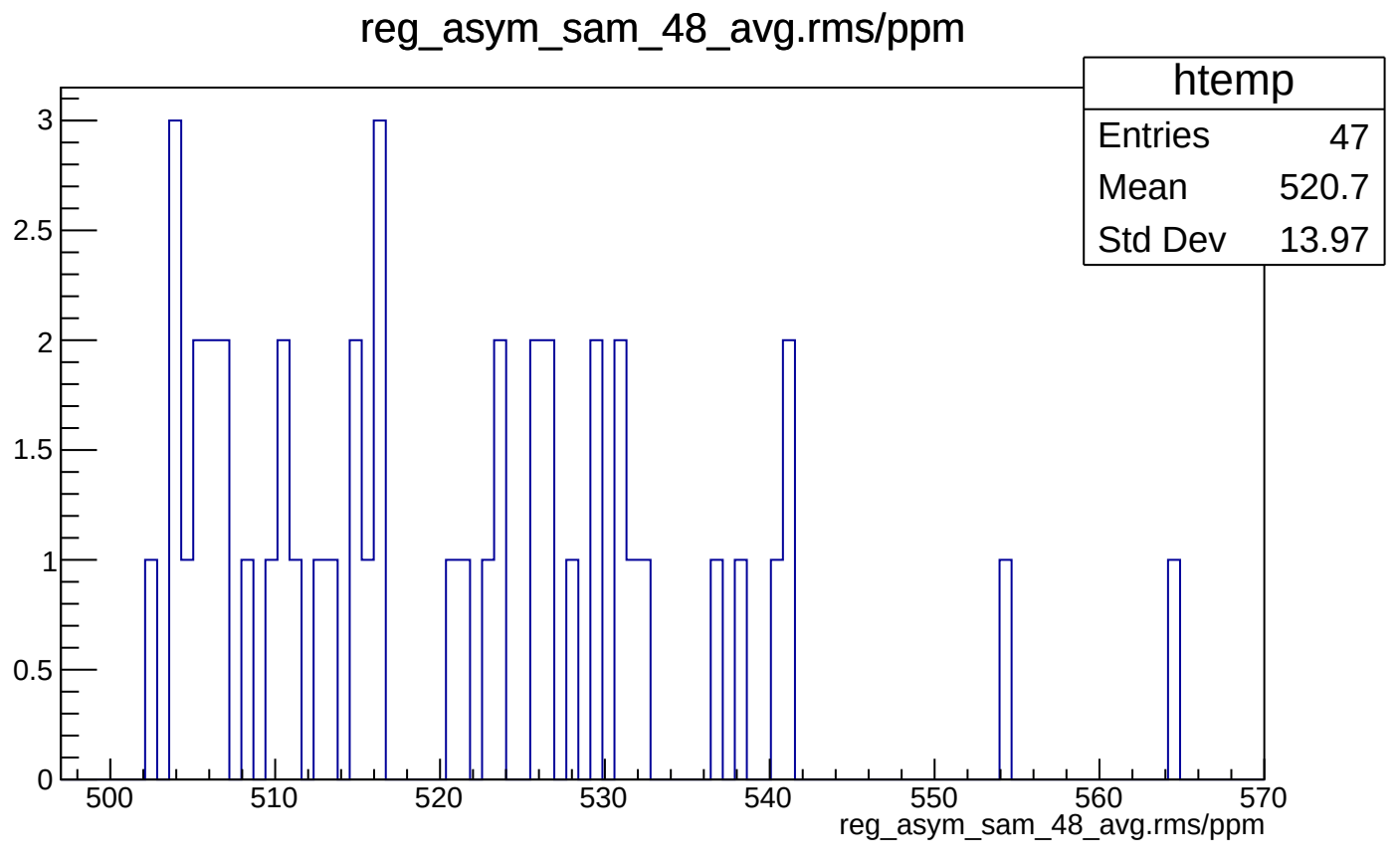

reg_asym_sam_37_dd.rms/ppm
640
620
600
580
560
540
520
500
480
Run.Mini

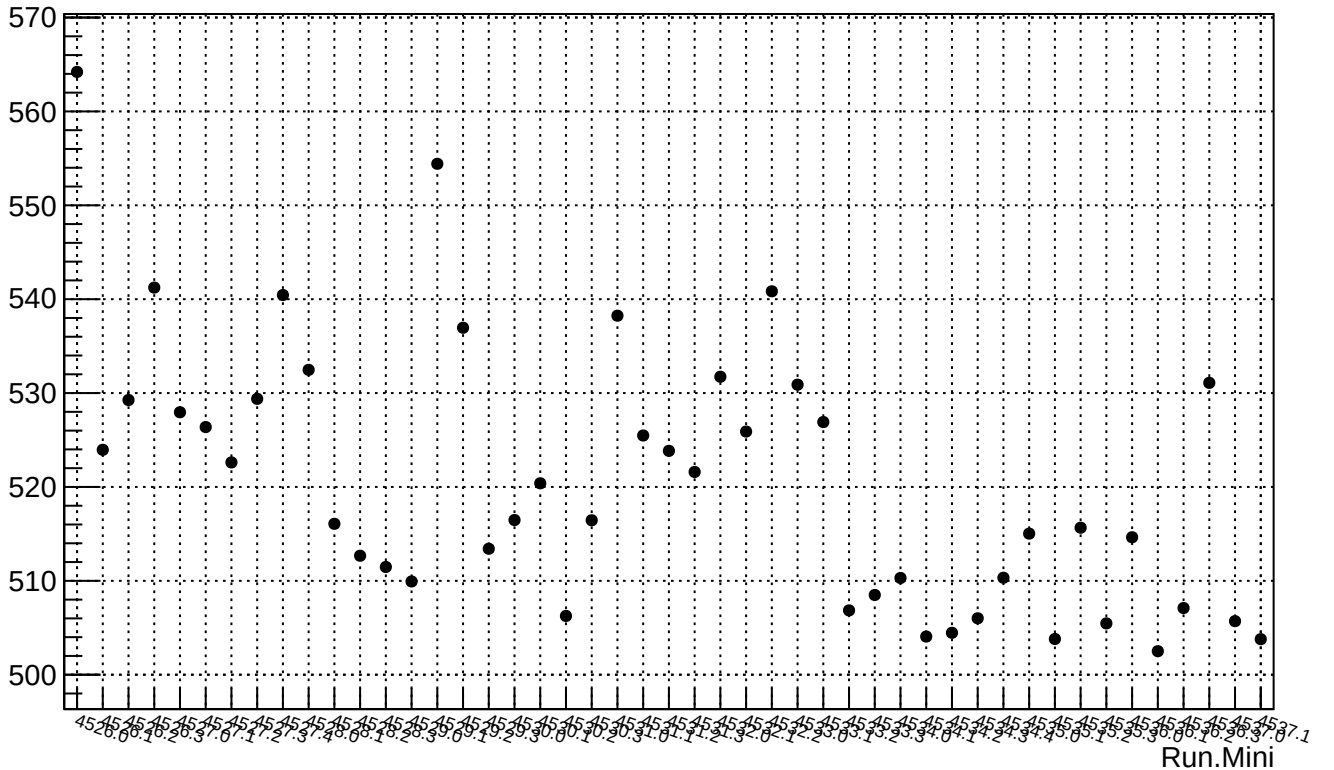

reg_asym_sam3.mean/ppb
χ² / ndf 43.62 / 46
p0 4219 ± 1573
50000
40000
30000
20000
10000
0
−10000
−20000
−30000
Run.Mini

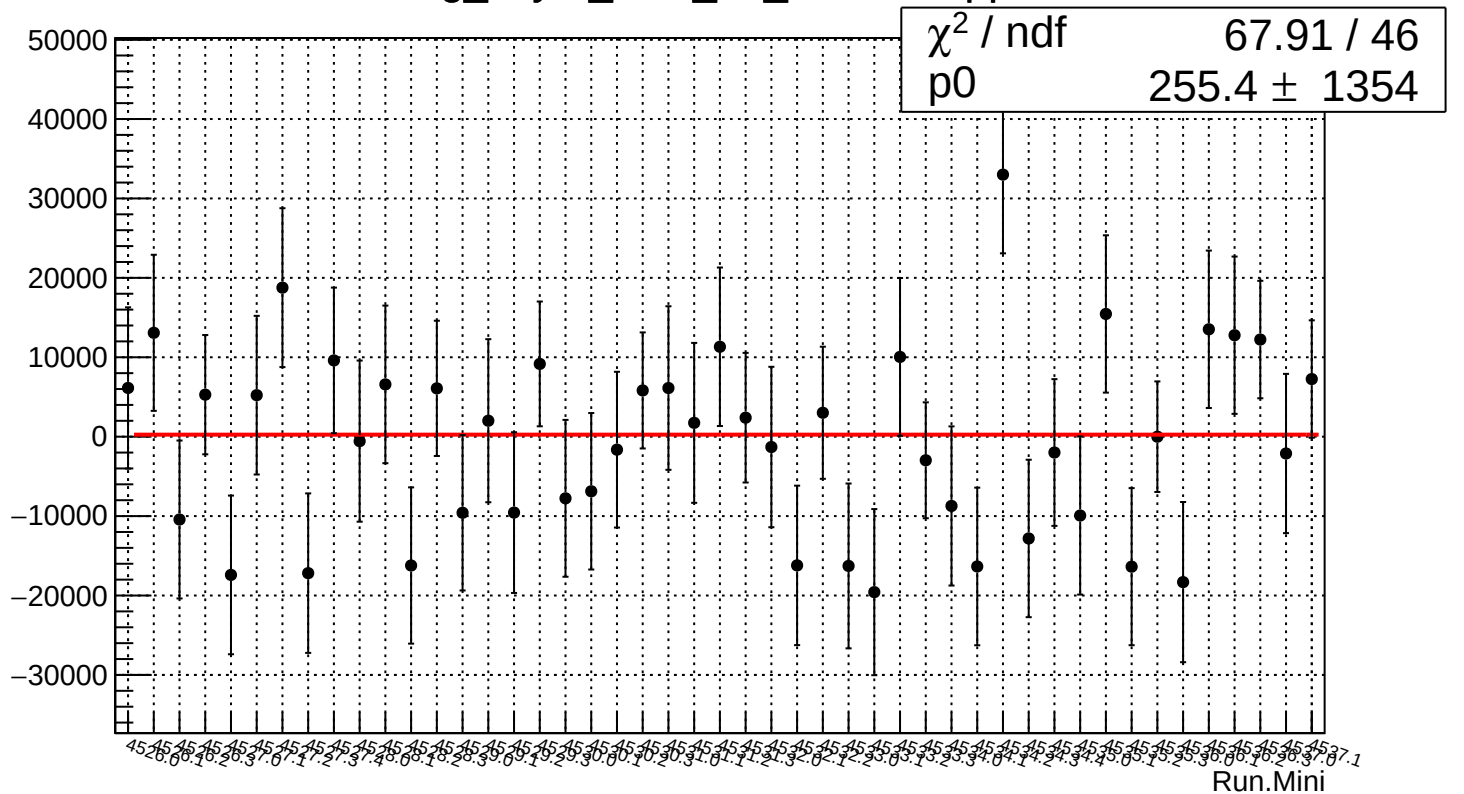

reg_asym_sam3.rms/ppm
htemp
Entries 47
Mean 1107
Std Dev 48.71
3
2.5
2
1.5
1
0.5
0
1050
1100
1150
1200
1250
1300
reg_asym_sam3.rms/ppm

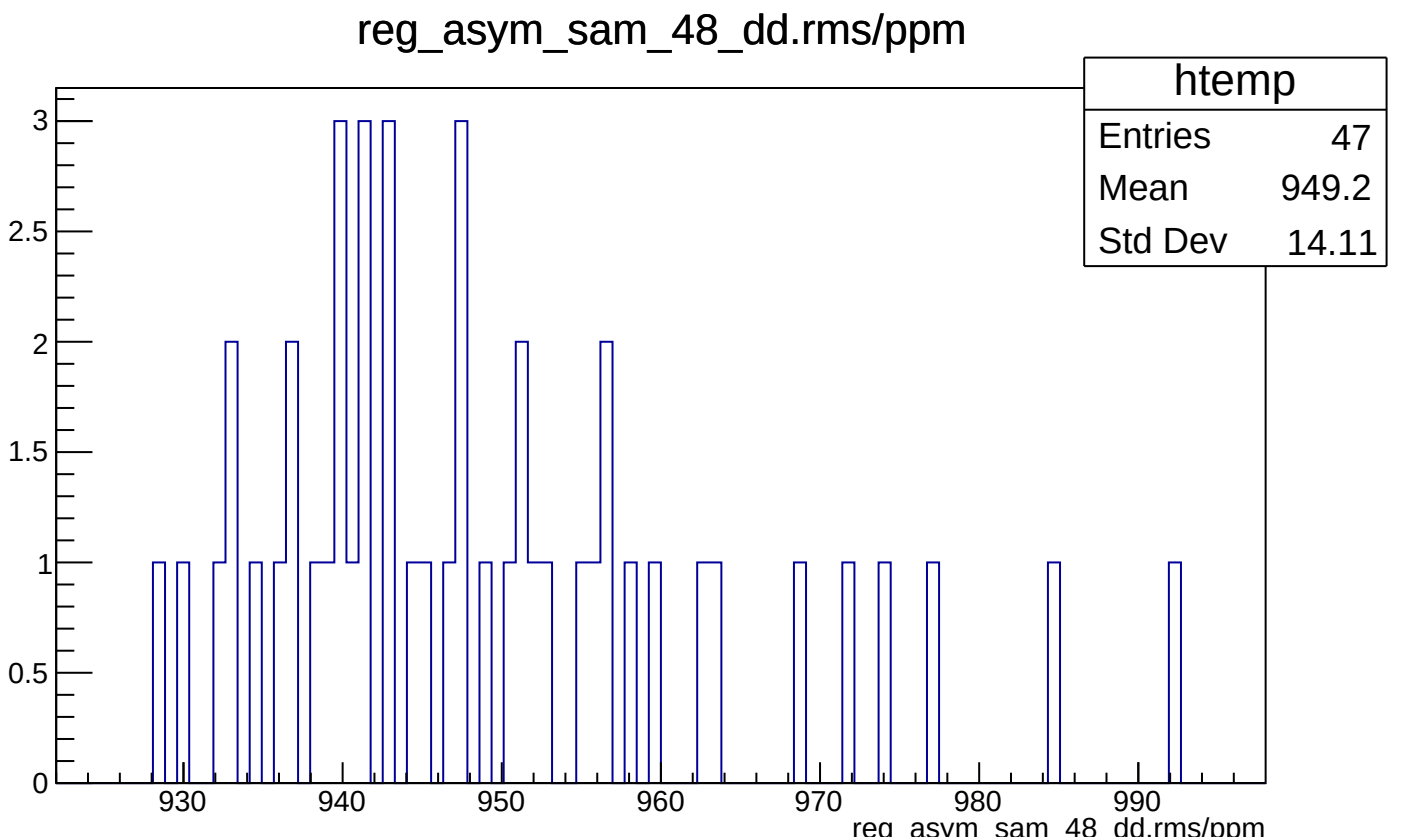

reg_asym_sam3.rms/ppm
1300
1250
1200
1150
1100
1050
Run.Mini

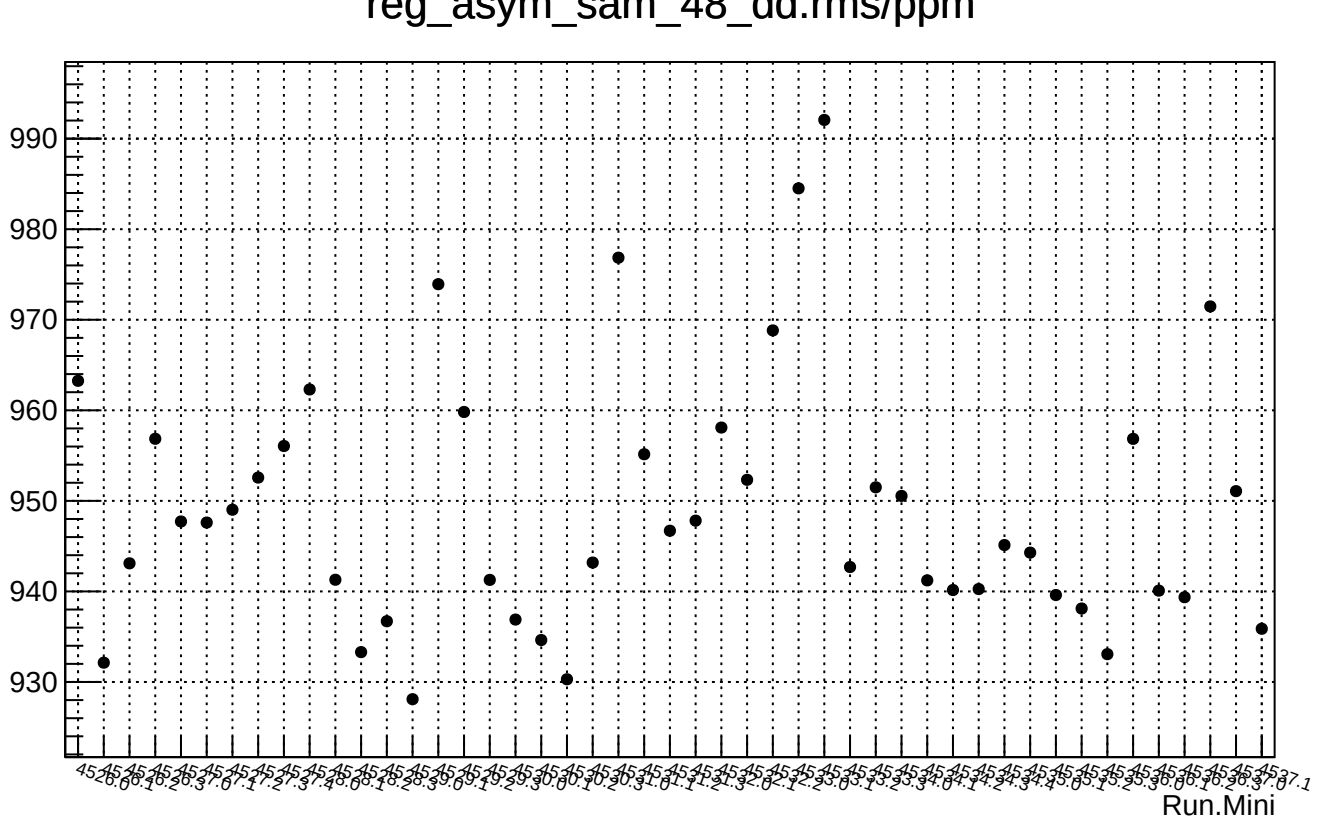

reg_asym_sam_48_avg.mean/ppb
χ² / ndf 65.75 / 46
p0 –505.2 ± 742
25000
20000
15000
10000
5000
0
–5000
–10000
–15000
–20000
Run.Mini

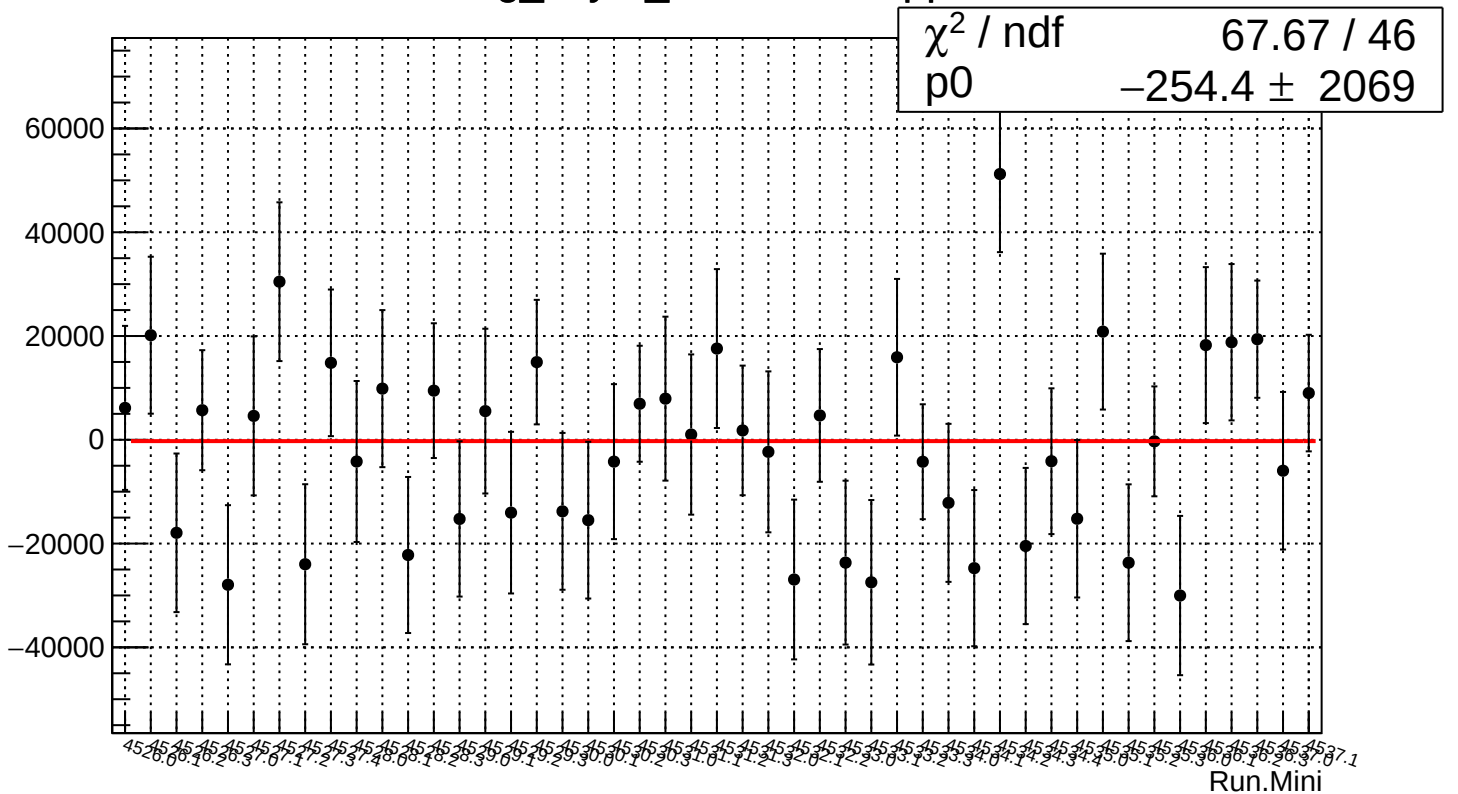

reg_asym_sam_48_avg.rms/ppm
htemp
Entries 47
Mean 520.7
Std Dev 13.97
0
0.5
1
1.5
2
2.5
3
500
510
520
530
540
550
560
570
reg_asym_sam_48_avg.rms/ppm

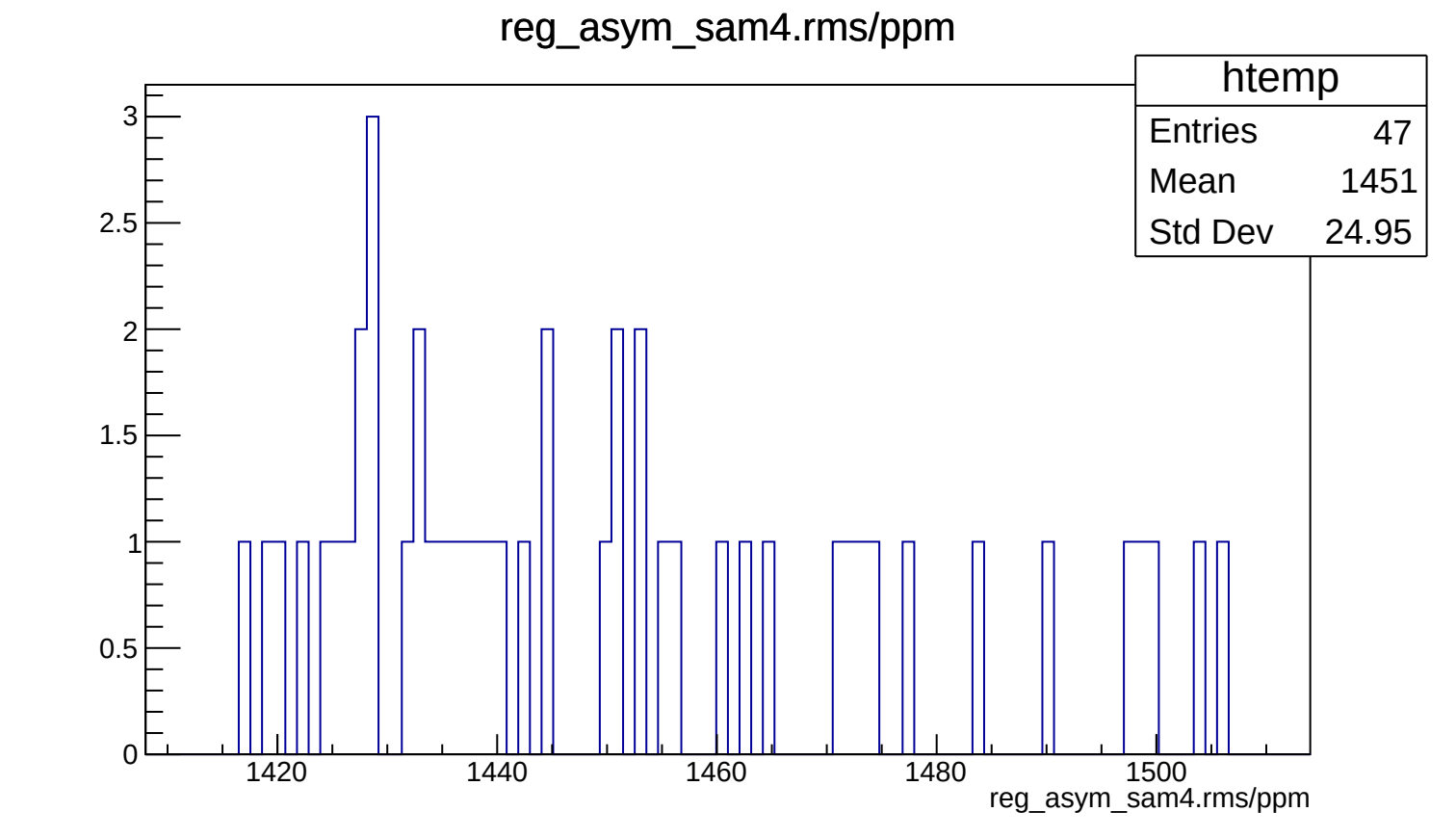

reg_asym_sam_48_avg.rms/ppm
570
560
550
540
530
520
510
500
Run.Mini

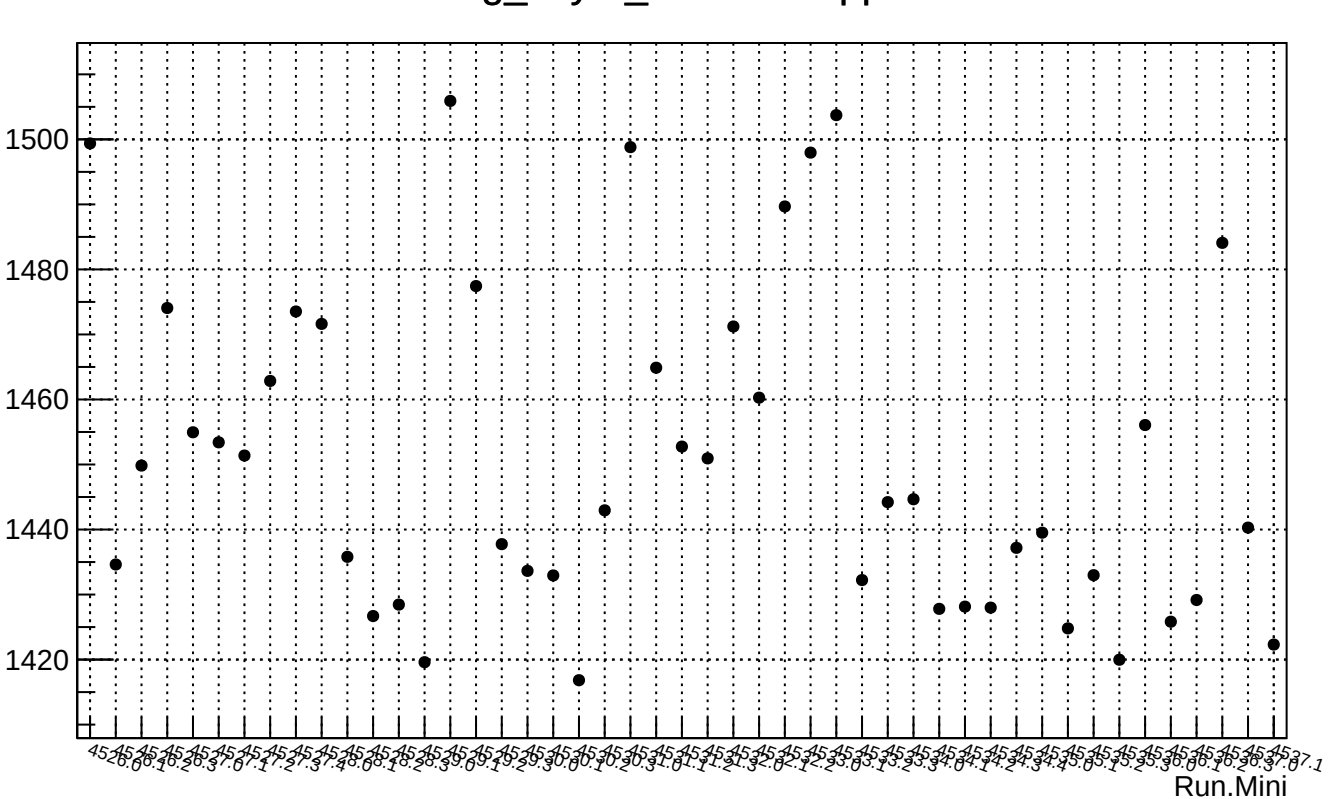

reg_asym_sam_48_dd.mean/ppb
χ^2 / ndf 67.91 / 46
p0 255.4 ± 1354
50000
40000
30000
20000
10000
0
−10000
−20000
−30000
Run.Mini

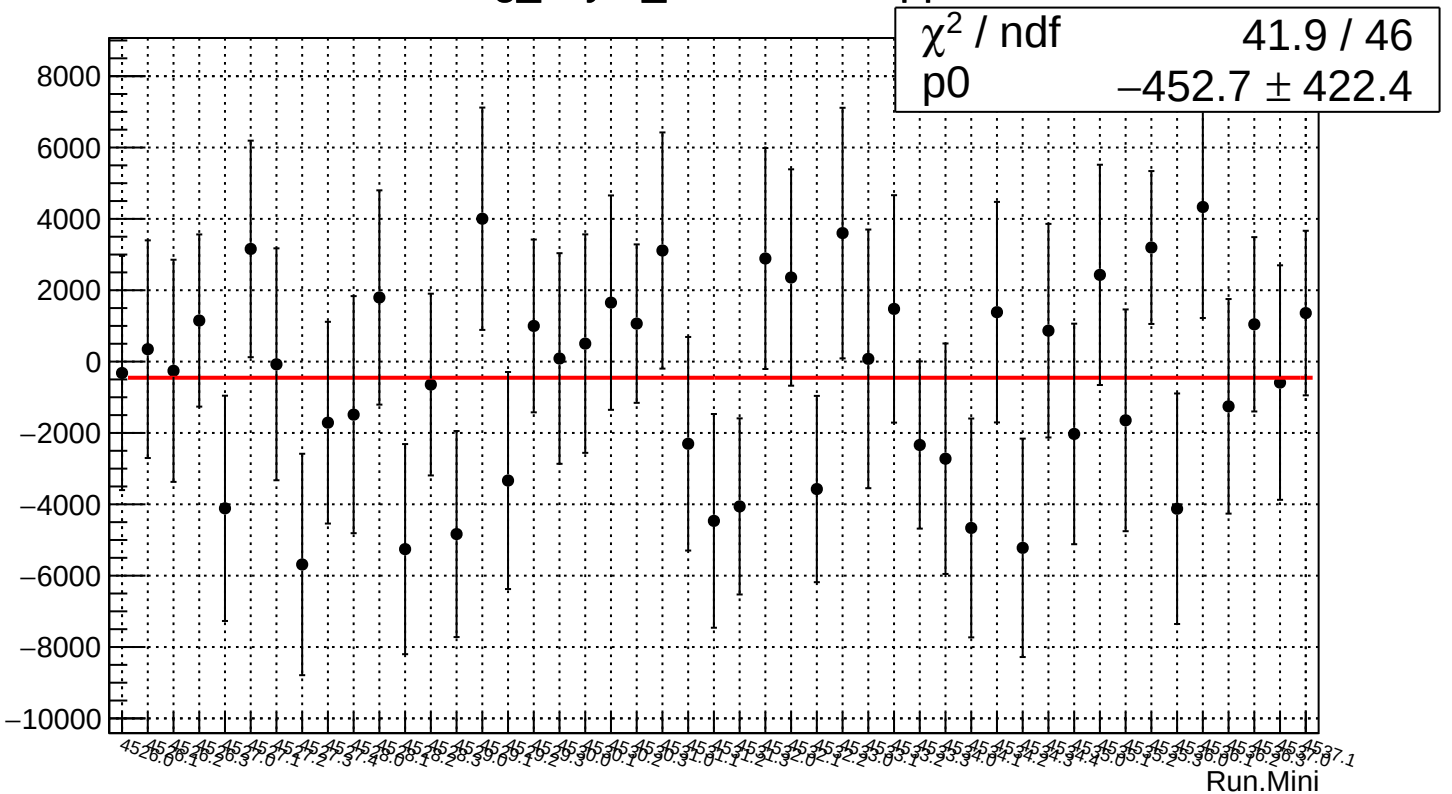

reg_asym_sam_48_dd.rms/ppm
htemp
Entries 47
Mean 949.2
Std Dev 14.11
3
2.5
2
1.5
1
0.5
0
930
940
950
960
970
980
990
reg_asym_sam_48_dd.rms/ppm

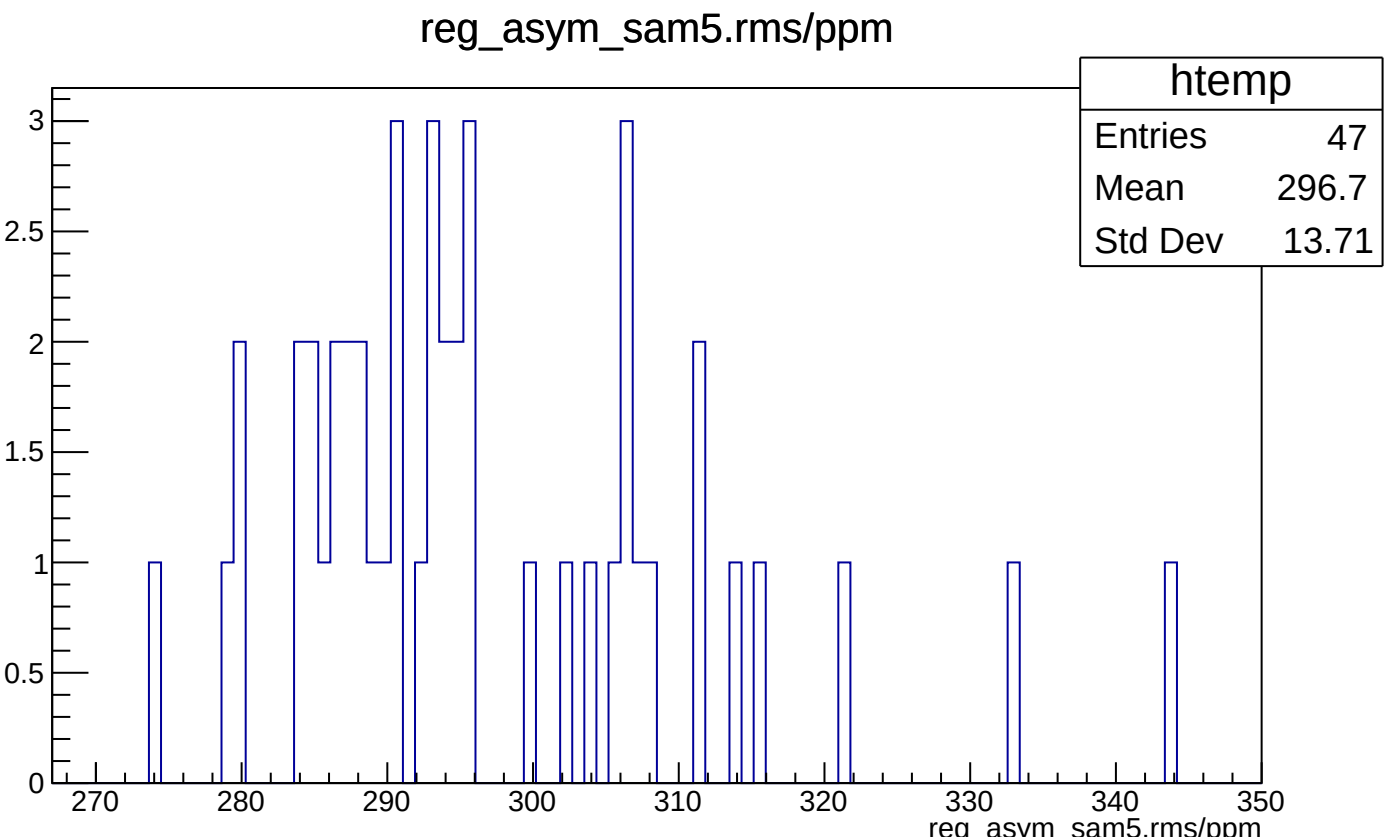

reg_asym_sam_48_dd.rms/ppm
990
980
970
960
950
940
930
Run.Mini

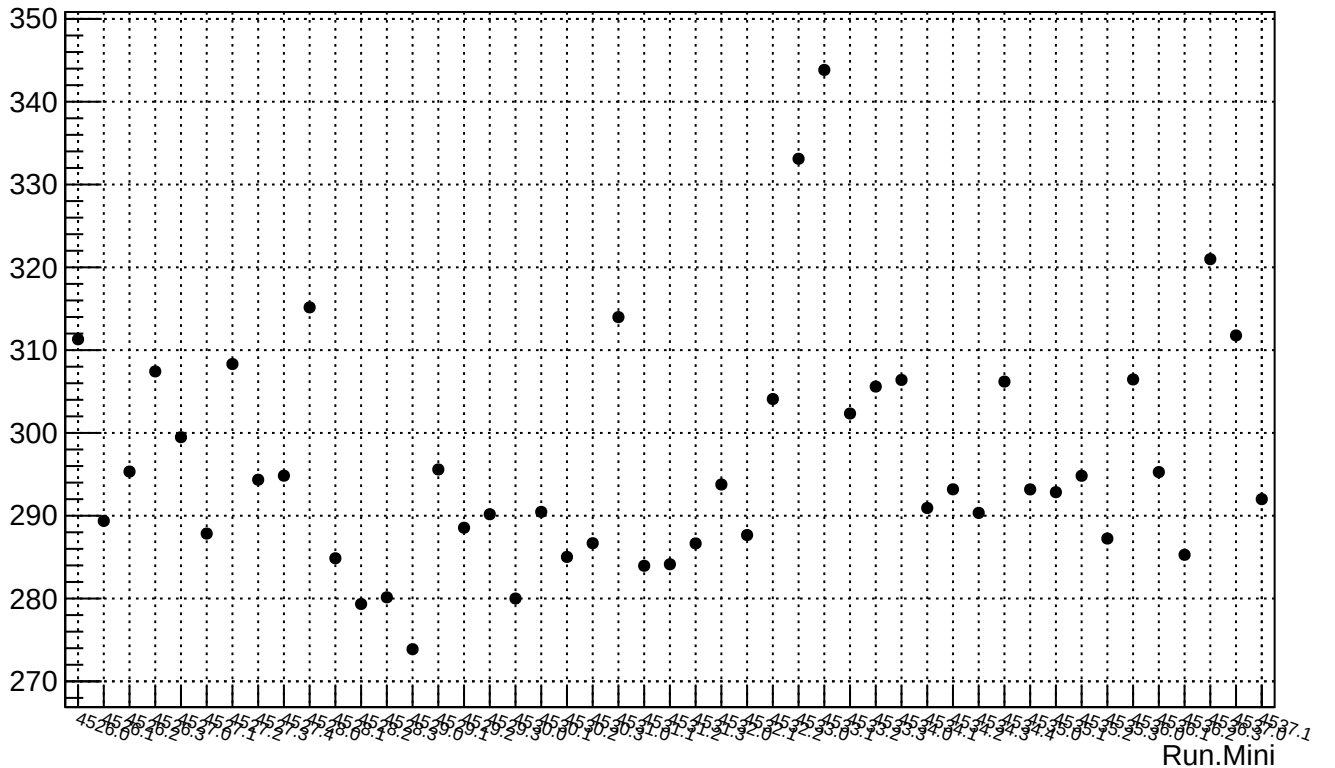

reg_asym_sam4.mean/ppb
χ² / ndf 67.67 / 46
p0 −254.4 ± 2069
60000
40000
20000
0
−20000
−40000
Run.Mini

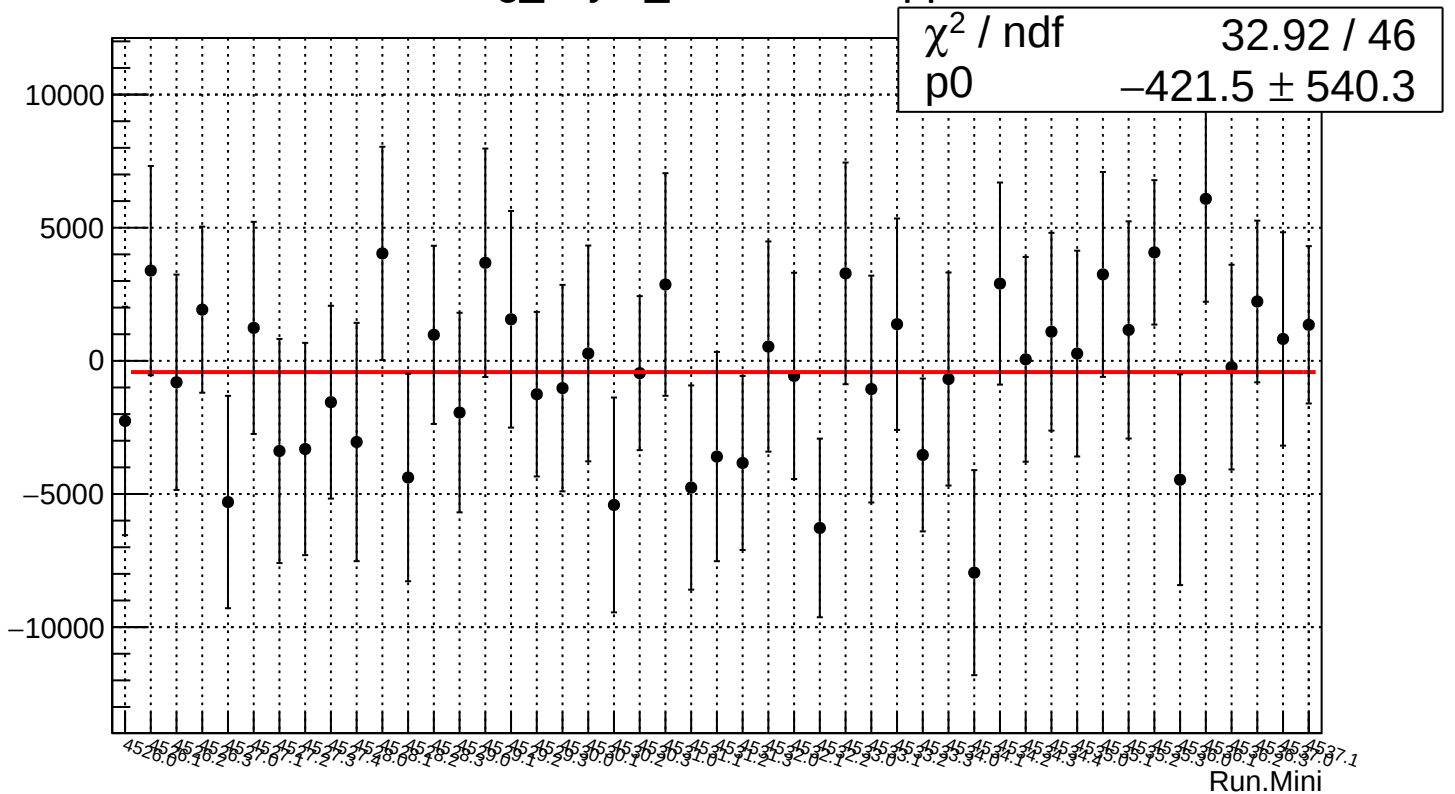

reg_asym_sam4.rms/ppm
htemp
Entries 47
Mean 1451
Std Dev 24.95
3
2.5
2
1.5
1
0.5
0
1420
1440
1460
1480
1500
reg_asym_sam4.rms/ppm

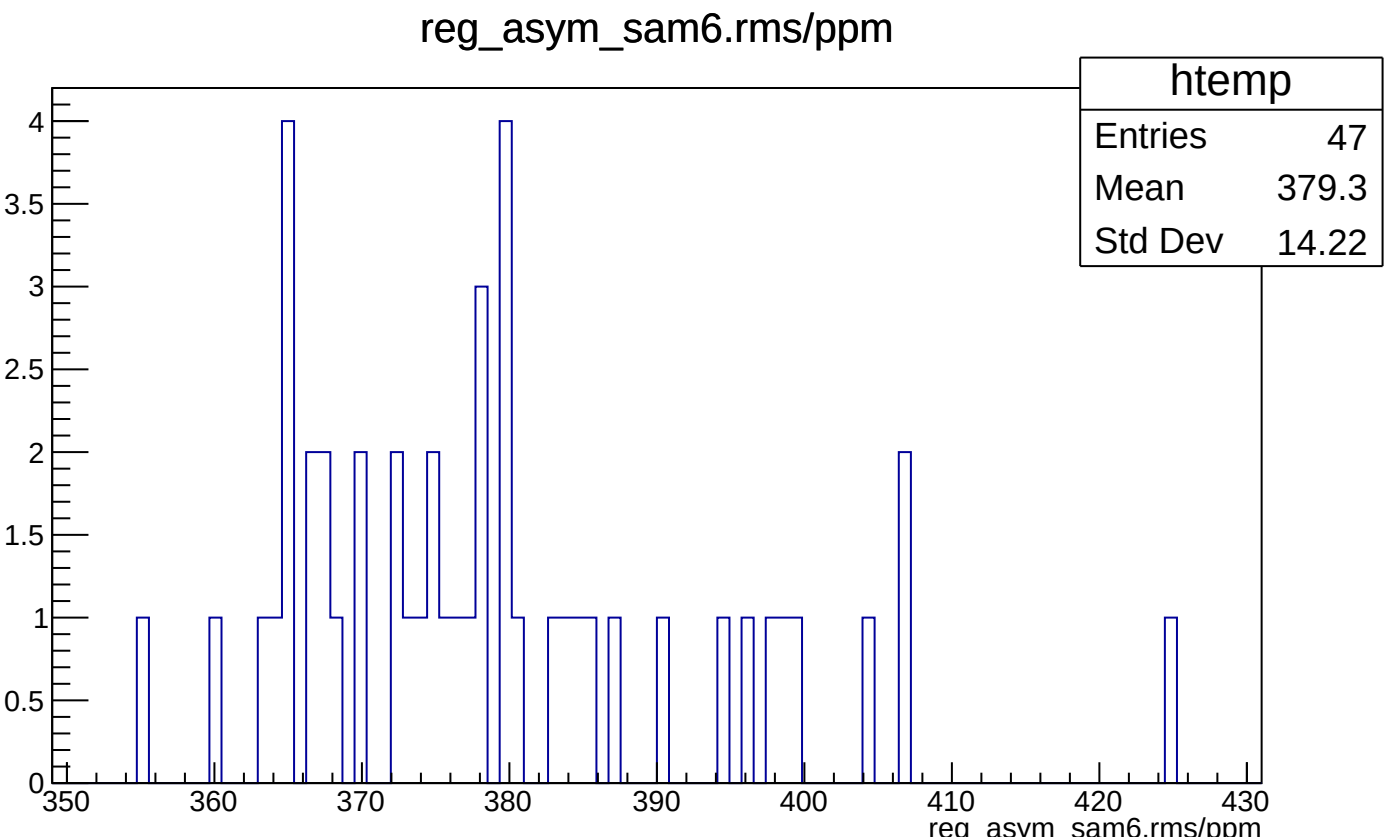

reg_asym_sam4.rms/ppm
1500
1480
1460
1440
1420
Run.Mini

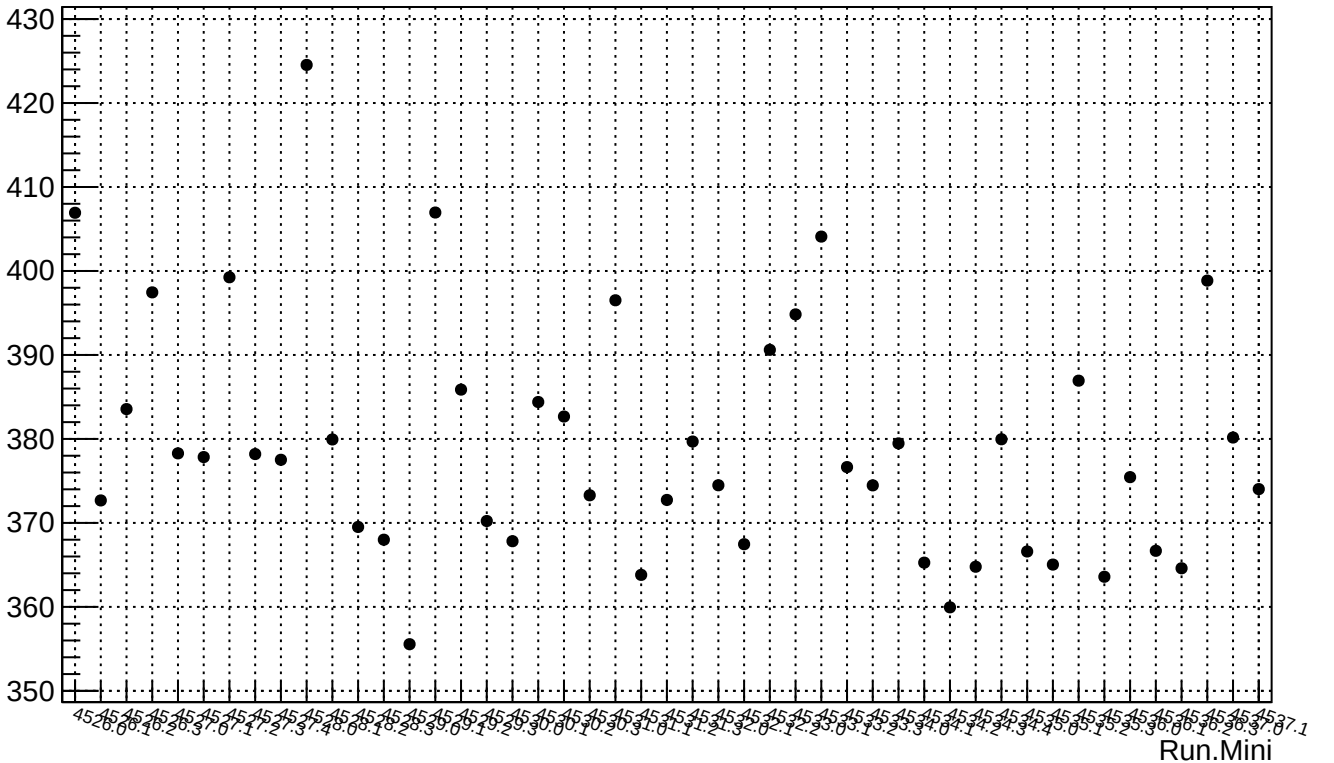

reg_asym_sam5.mean/ppb
χ² / ndf 41.9 / 46
p0 −452.7 ± 422.4
8000
6000
4000
2000
0
−2000
−4000
−6000
−8000
−10000
Run.Mini

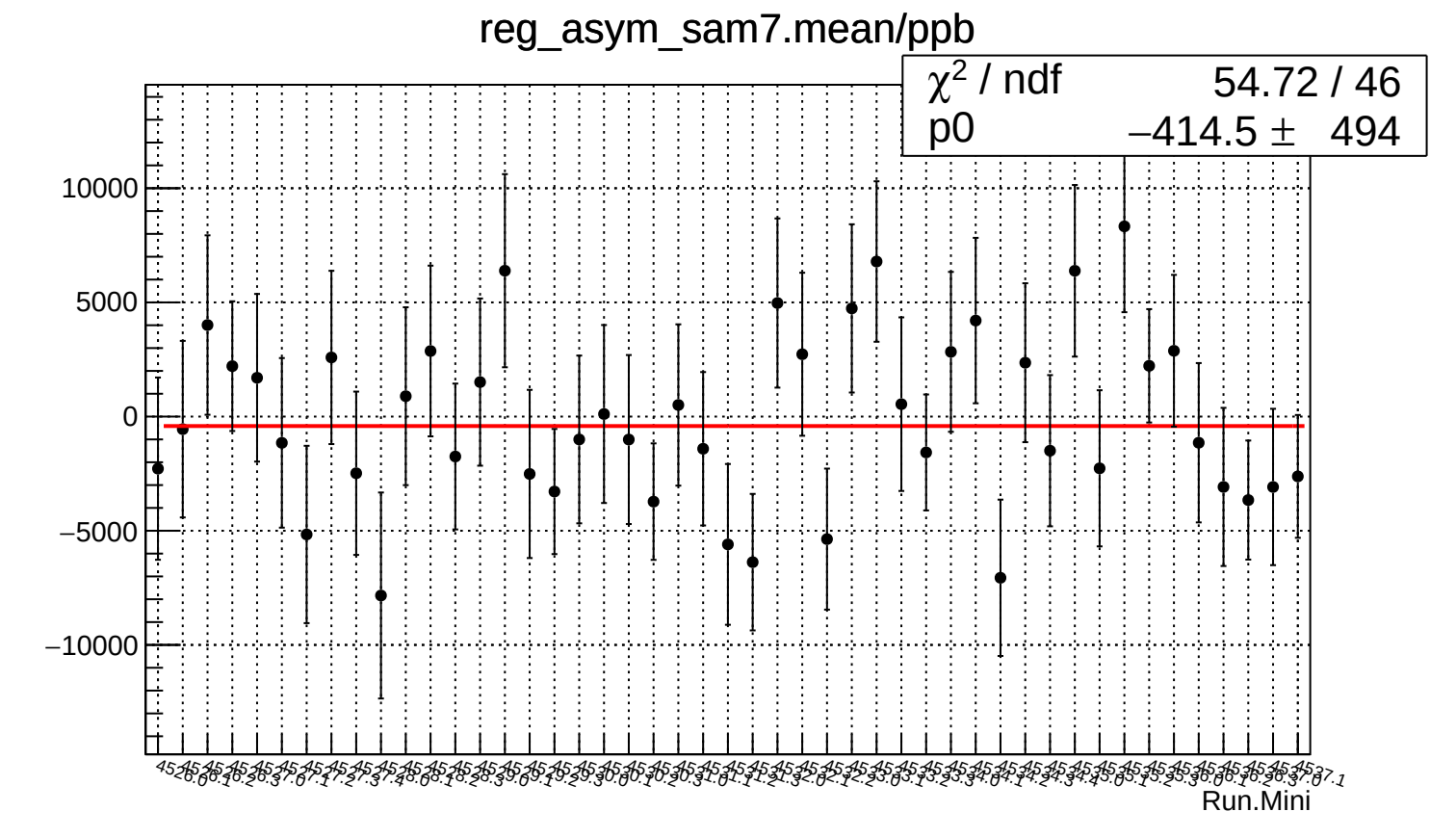

reg_asym_sam5.rms/ppm
htemp
Entries 47
Mean 296.7
Std Dev 13.71
3
2.5
2
1.5
1
0.5
0
270
280
290
300
310
320
330
340
350
reg_asym_sam5.rms/ppm

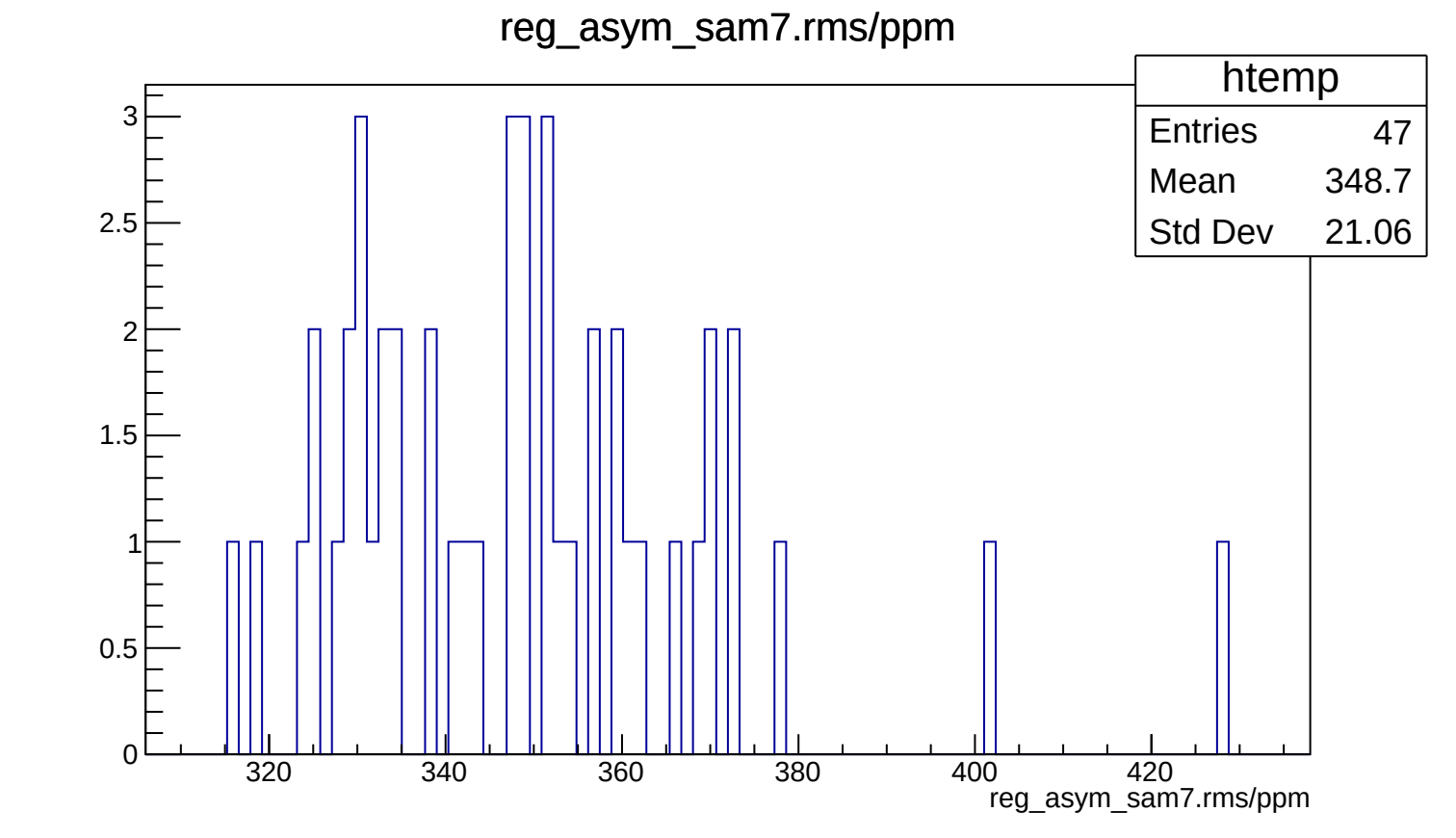

reg_asym_sam5.rms/ppm
350
340
330
320
310
300
290
280
270
Run.Mini

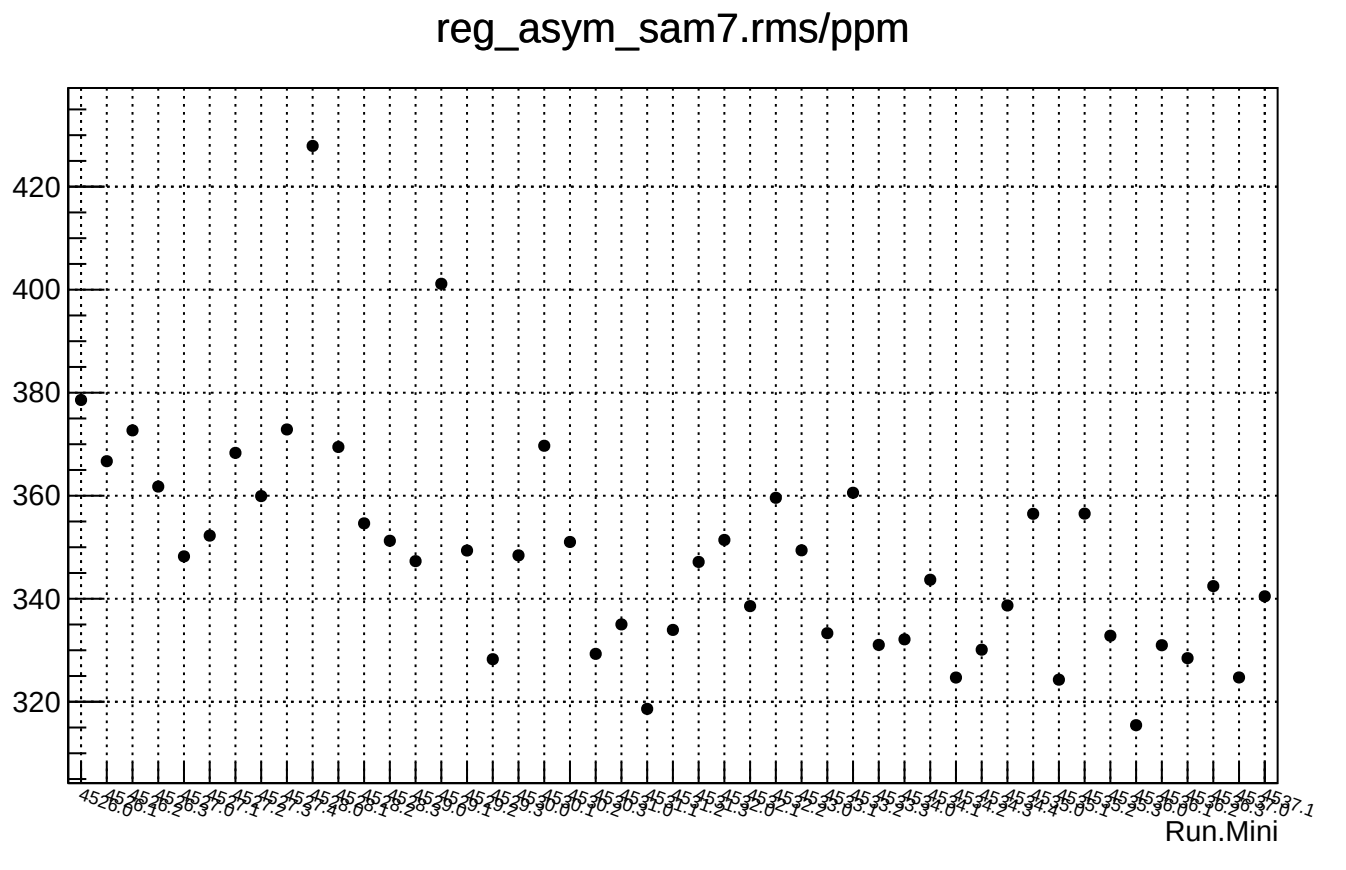

reg_asym_sam6.mean/ppb
χ² / ndf 32.92 / 46
p0 −421.5 ± 540.3
10000
5000
0
−5000
−10000
Run.Mini

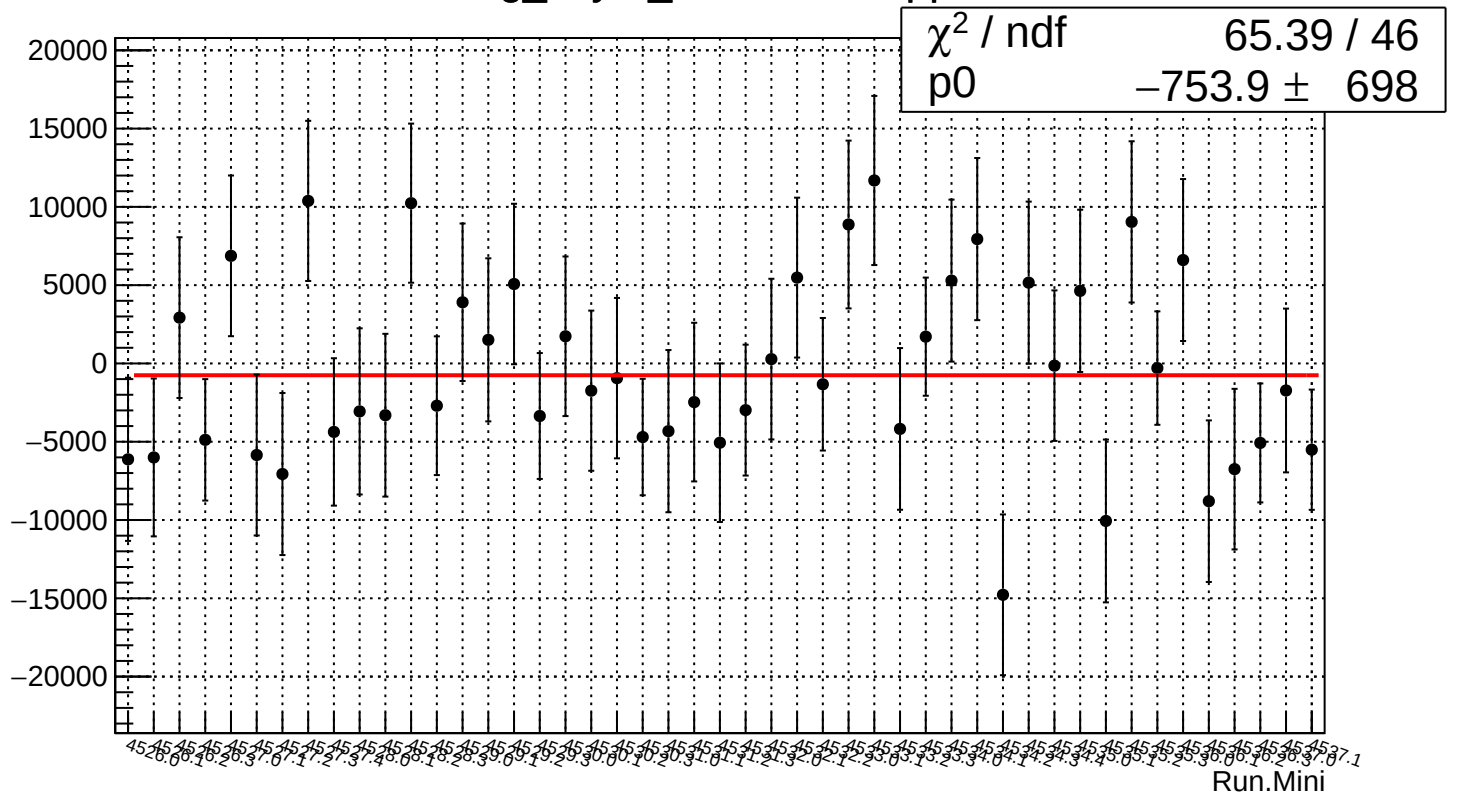

reg_asym_sam6.rms/ppm
htemp
Entries 47
Mean 379.3
Std Dev 14.22
0
0.5
1
1.5
2
2.5
3
3.5
4
350
360
370
380
390
400
410
420
430
reg_asym_sam6.rms/ppm

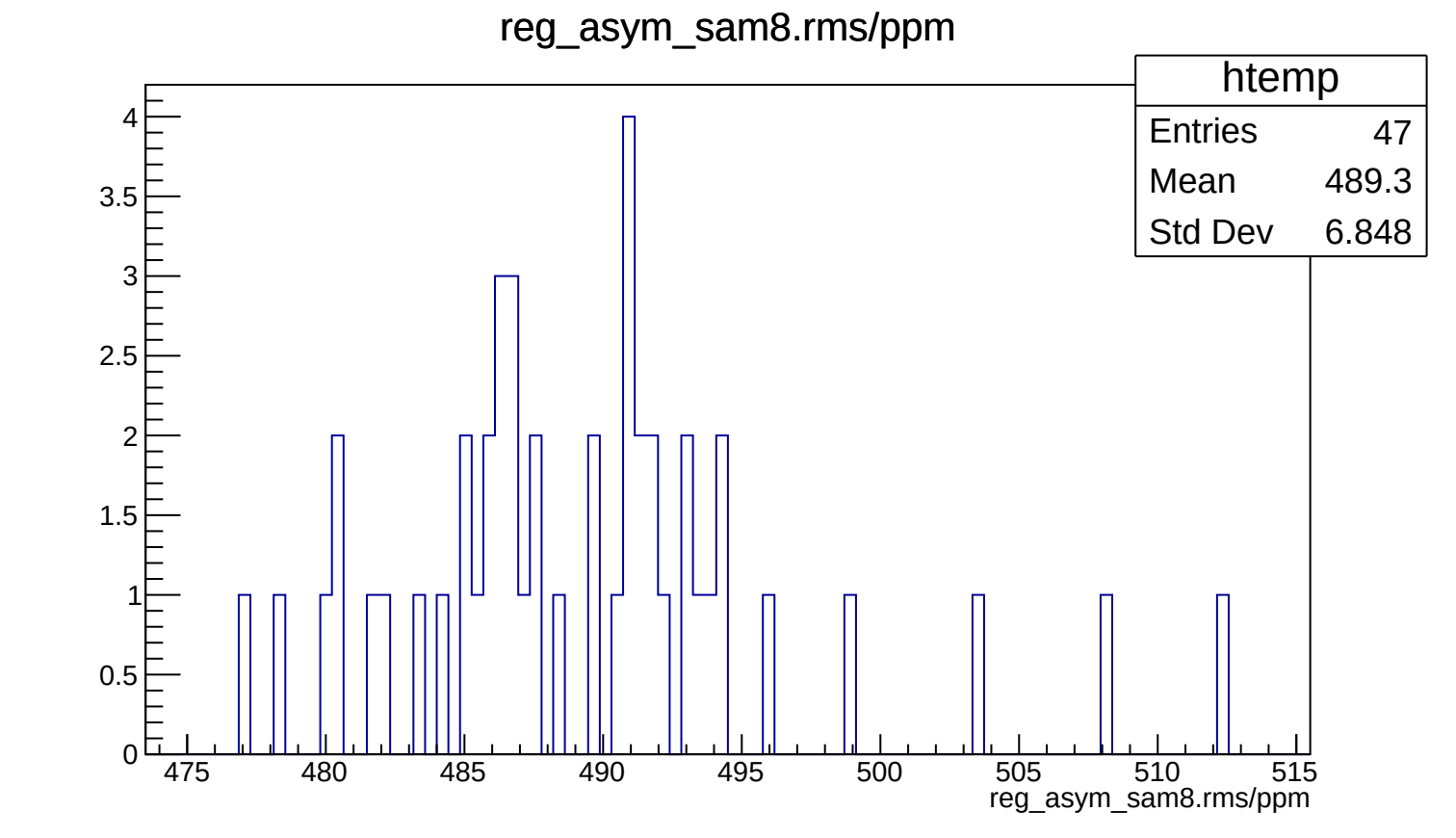

reg_asym_sam6.rms/ppm
430
420
410
400
390
380
370
360
350
Run.Mini

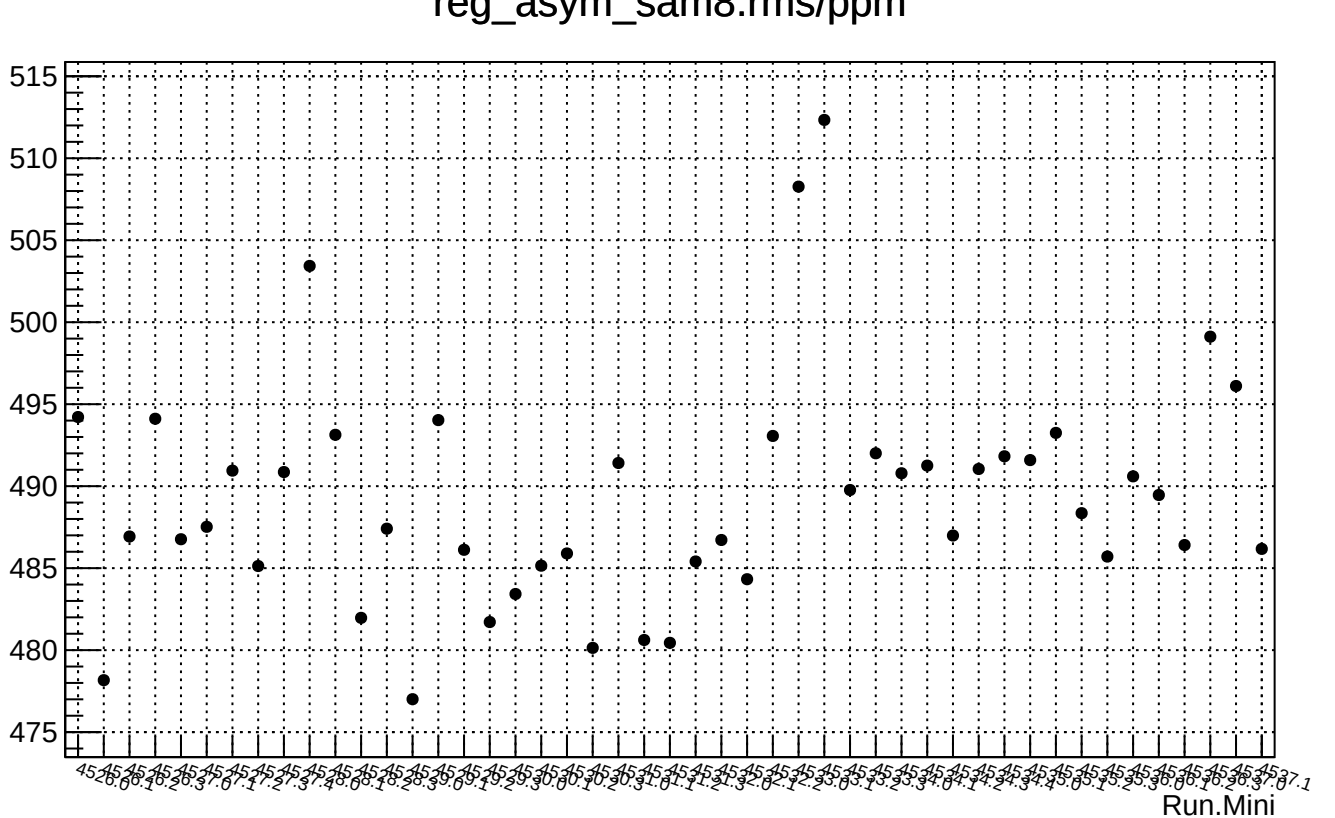

reg_asym_sam7.mean/ppb
χ² / ndf 54.72 / 46
p0 –414.5 ± 494
10000
5000
0
–5000
–10000
Run.Mini

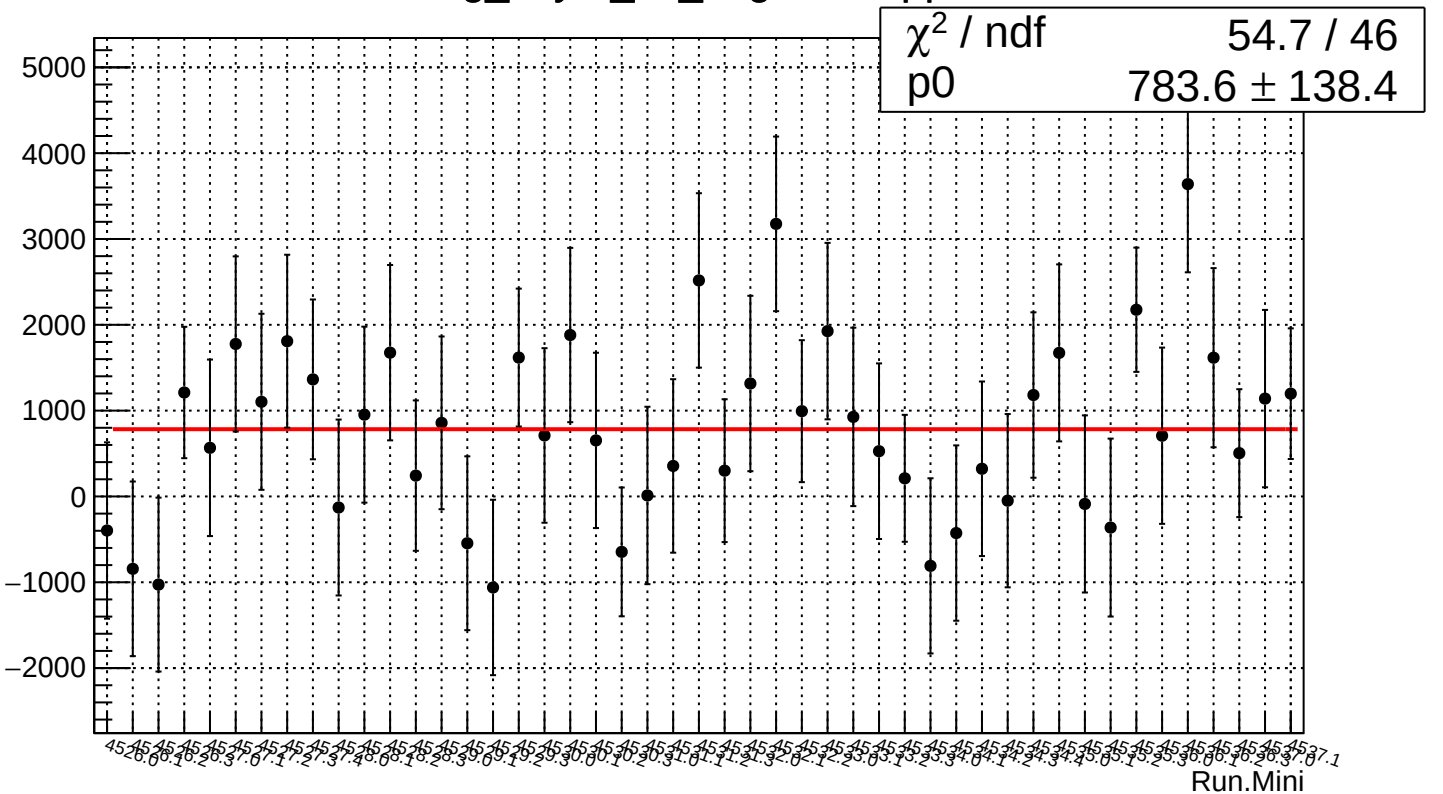

reg_asym_sam7.rms/ppm
htemp
Entries 47
Mean 348.7
Std Dev 21.06
3
2.5
2
1.5
1
0.5
0
320
340
360
380
400
420
reg_asym_sam7.rms/ppm

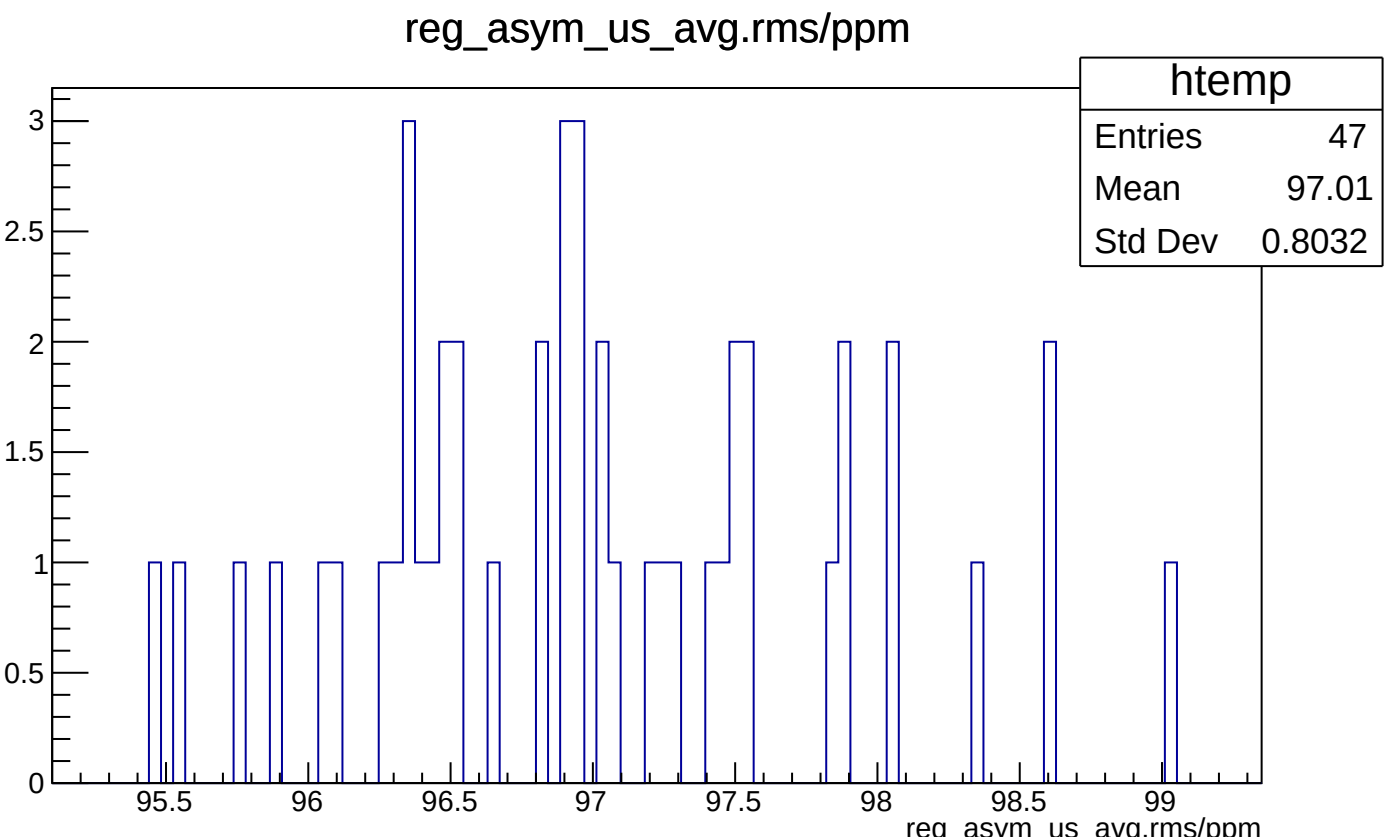

reg_asym_sam7.rms/ppm
420
400
380
360
340
320
Run.Mini

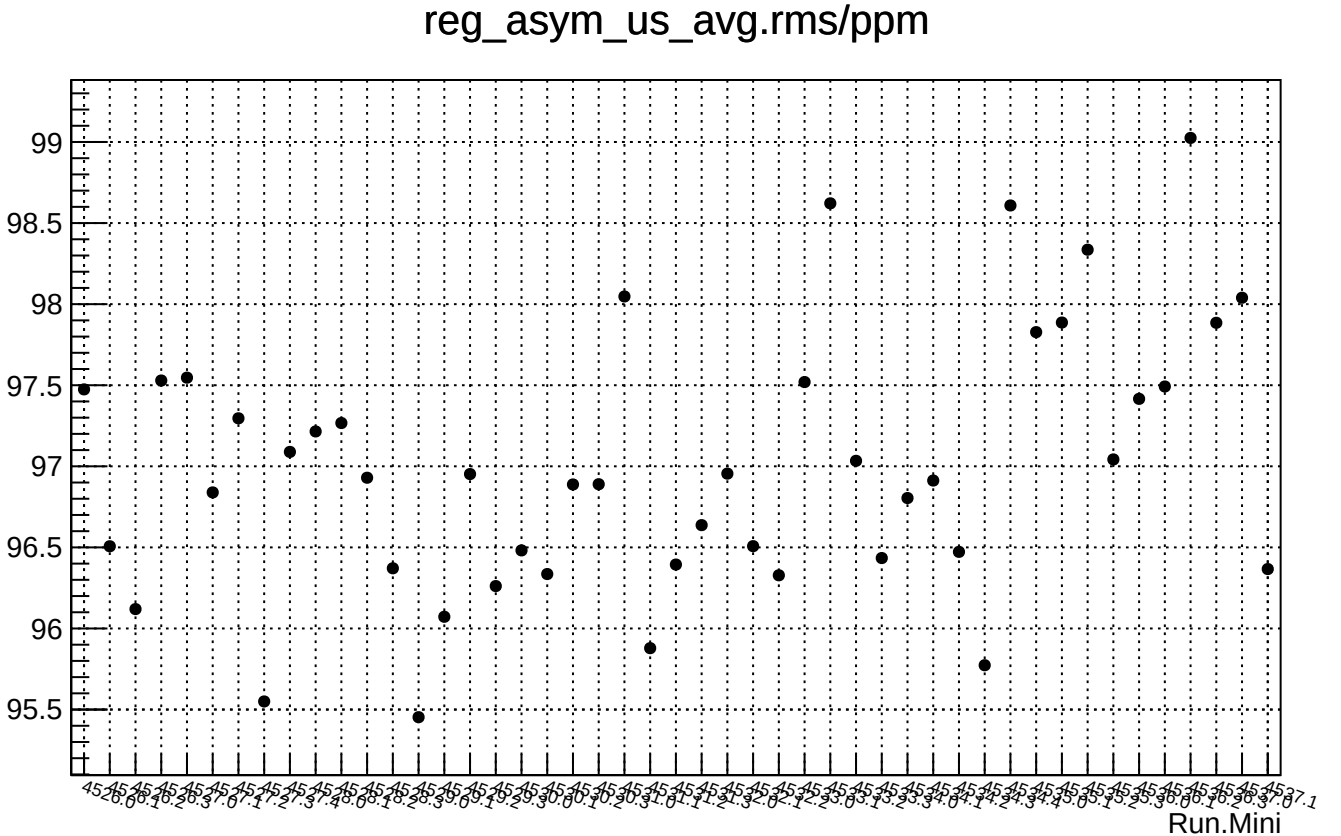

reg_asym_sam8.mean/ppb
χ² / ndf 65.39 / 46
p0 −753.9 ± 698
20000
15000
10000
5000
0
−5000
−10000
−15000
−20000
Run.Mini

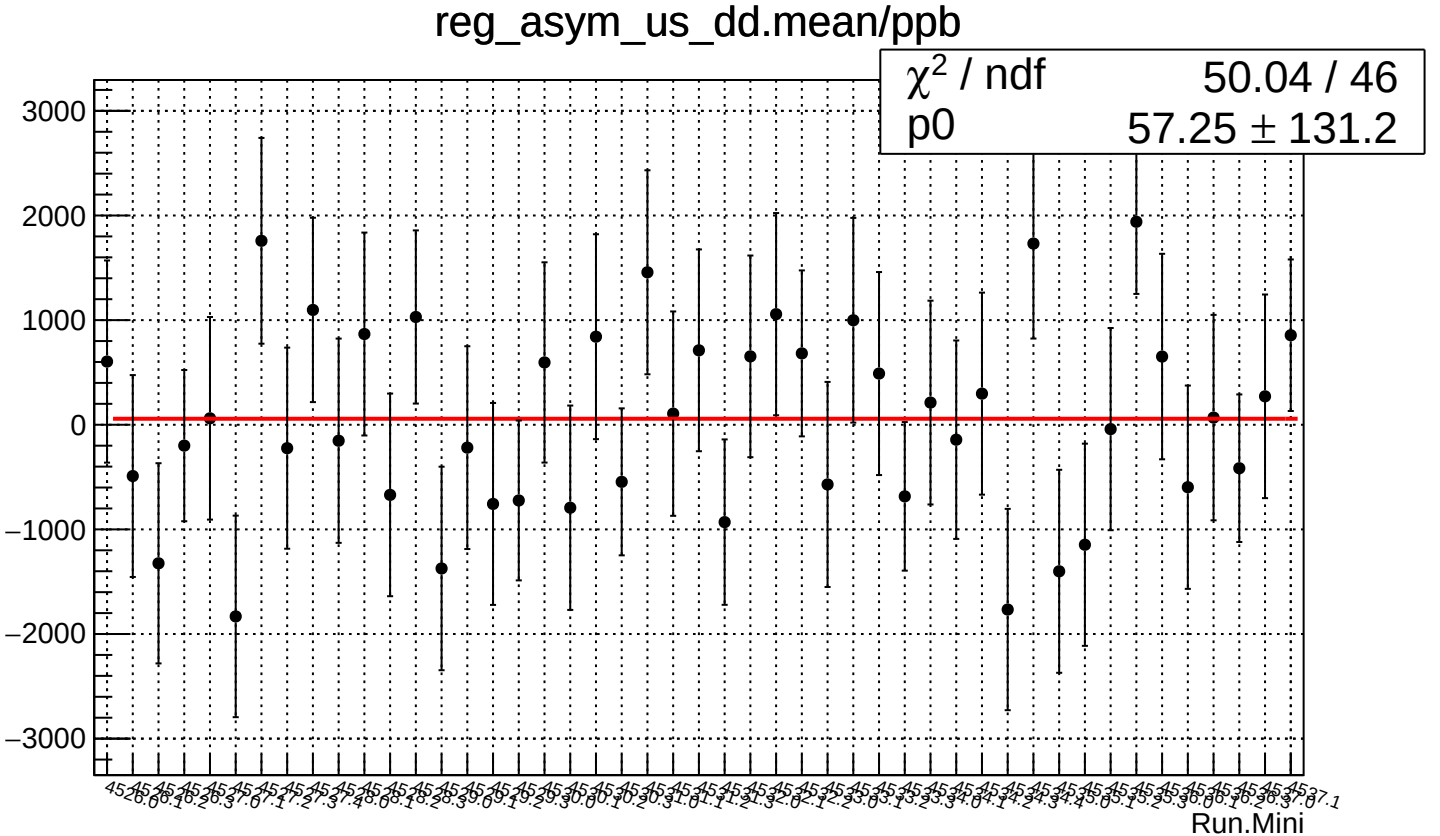

reg_asym_sam8.rms/ppm
htemp
Entries 47
Mean 489.3
Std Dev 6.848
0
0.5
1
1.5
2
2.5
3
3.5
4
475
480
485
490
495
500
505
510
515
reg_asym_sam8.rms/ppm

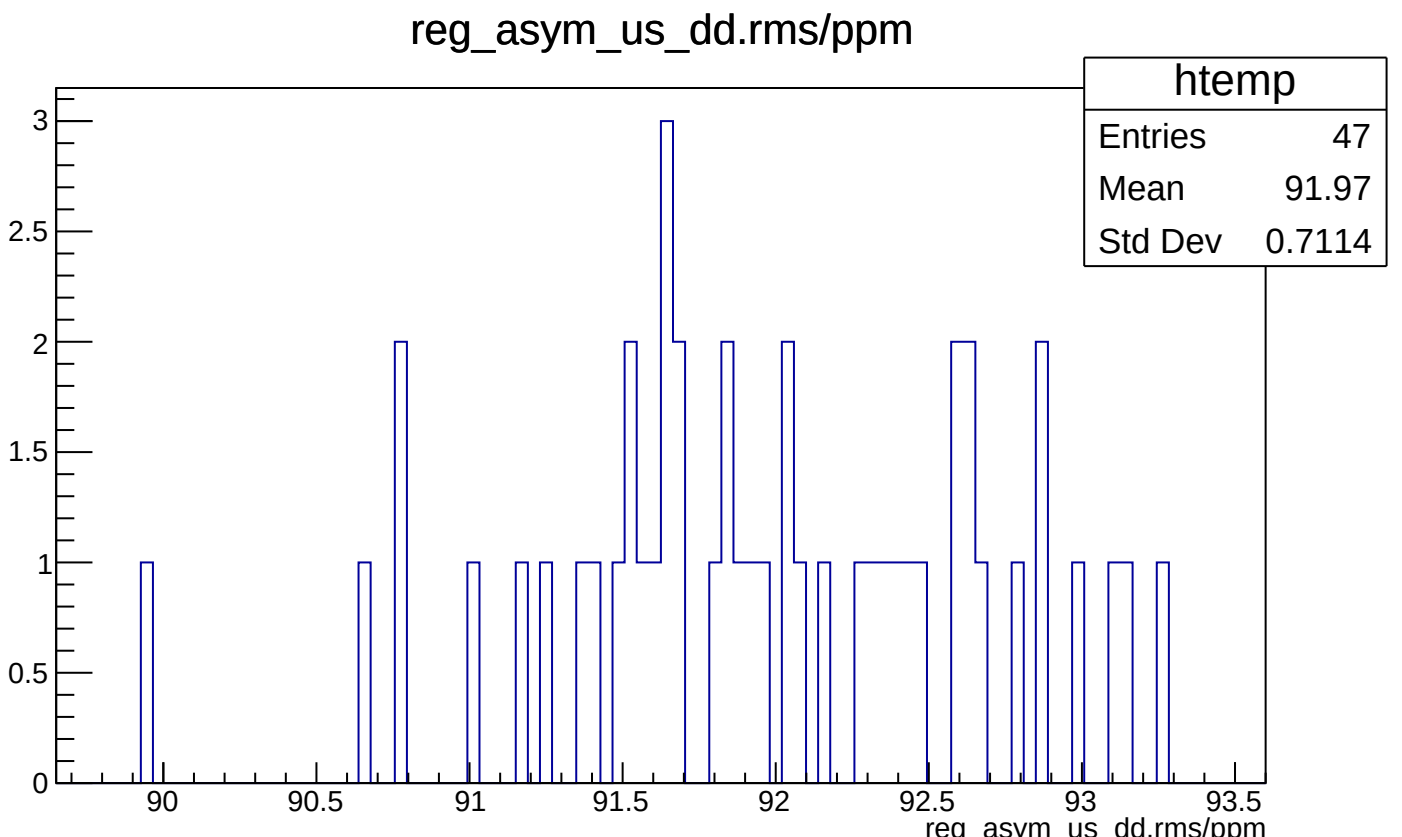

reg_asym_sam8.rms/ppm
515
510
505
500
495
490
485
480
475
Run.Mini

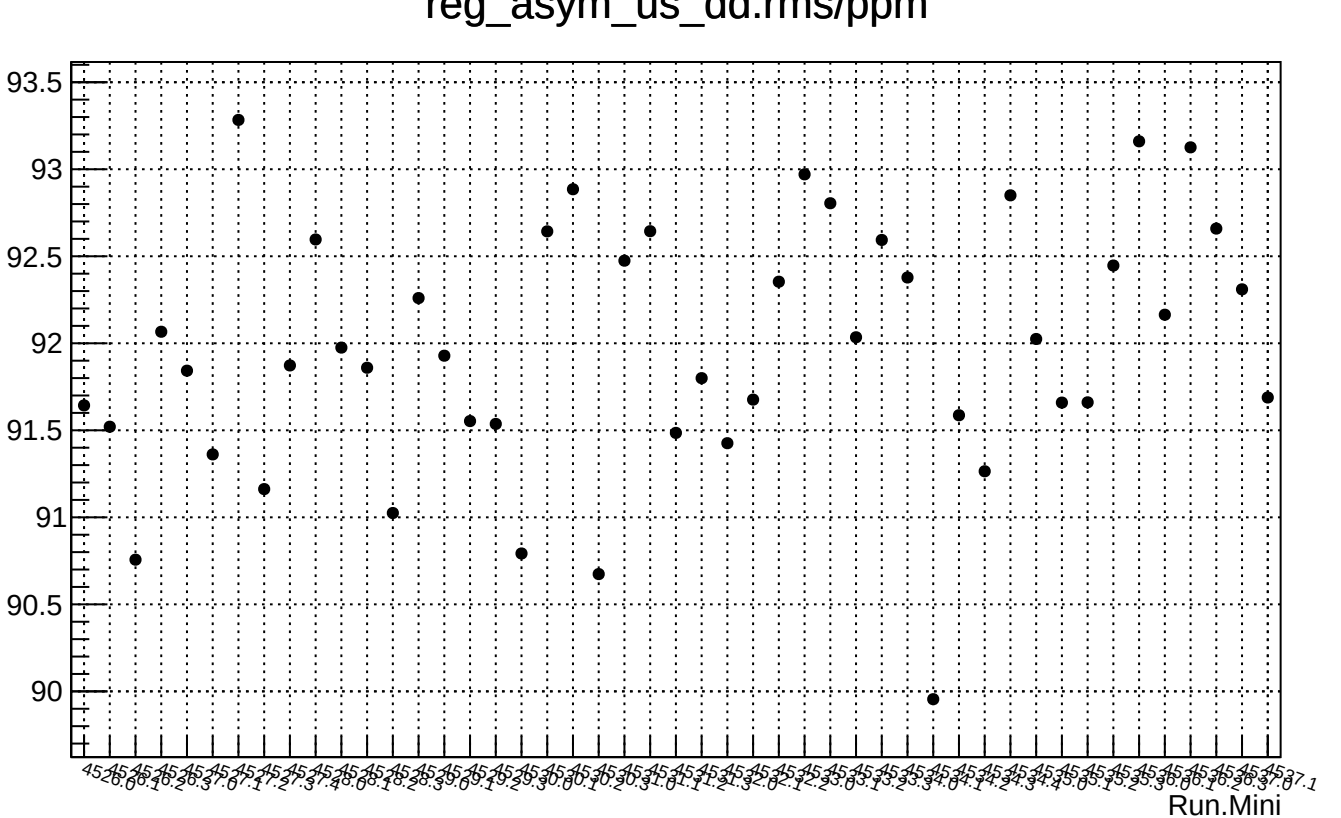

reg_asym_us_avg.mean/ppb
χ² / ndf 54.7 / 46
p0 783.6 ± 138.4
5000
4000
3000
2000
1000
0
−1000
−2000
Run.Mini

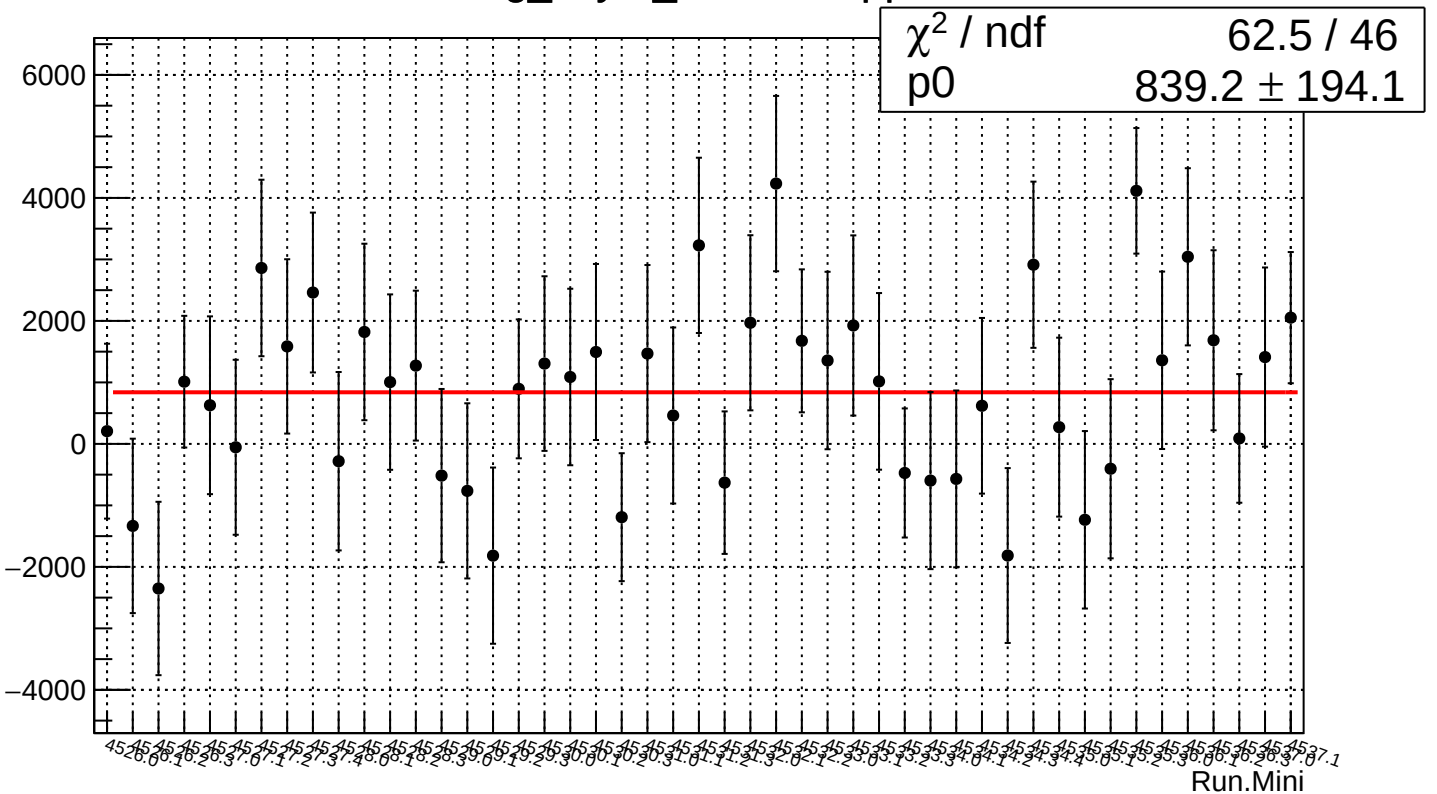

reg_asym_us_avg.rms/ppm
htemp
Entries 47
Mean 97.01
Std Dev 0.8032
3
2.5
2
1.5
1
0.5
0
95.5
96
96.5
97
97.5
98
98.5
99
reg_asym_us_avg.rms/ppm

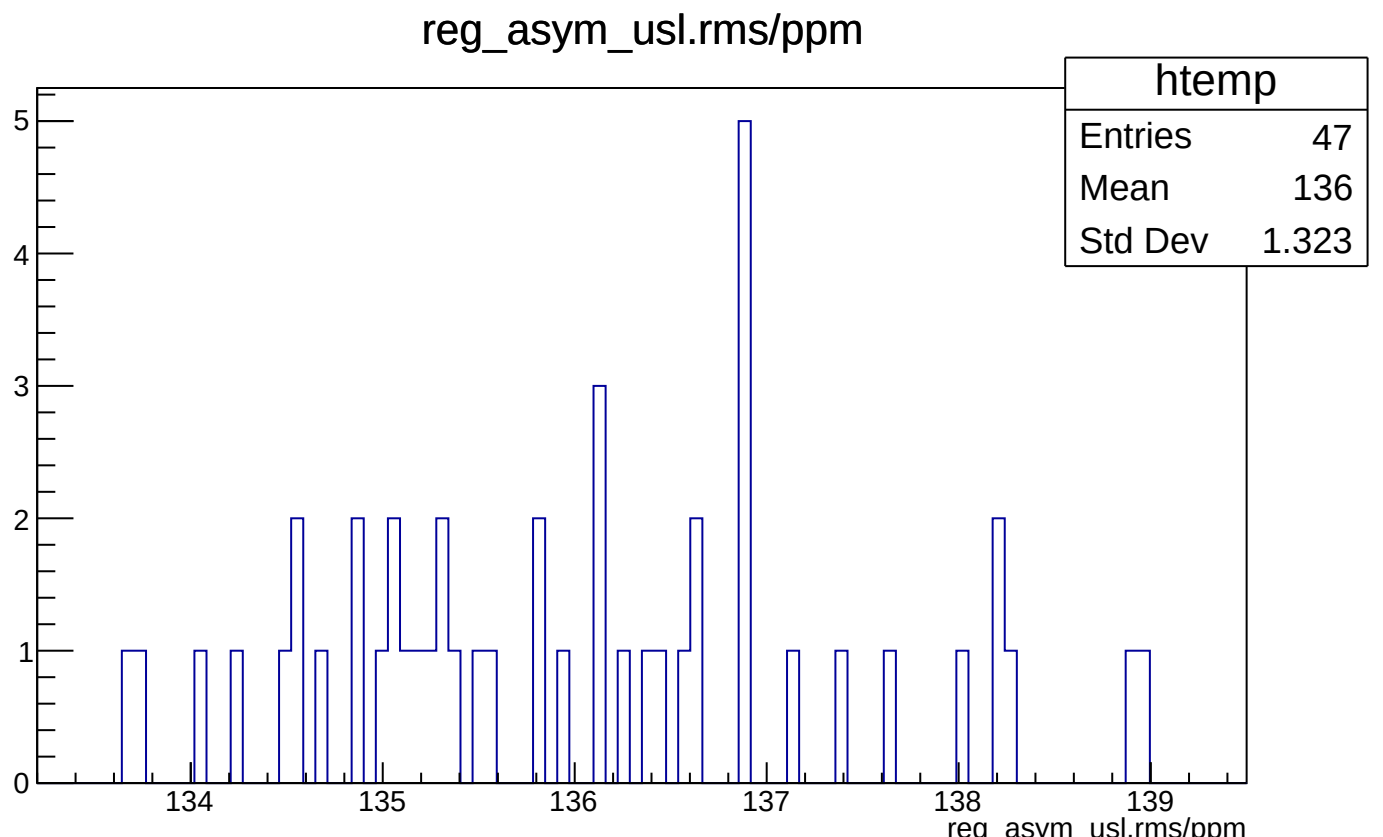

reg_asym_us_avg.rms/ppm
99
98.5
98
97.5
97
96.5
96
95.5
Run.Mini

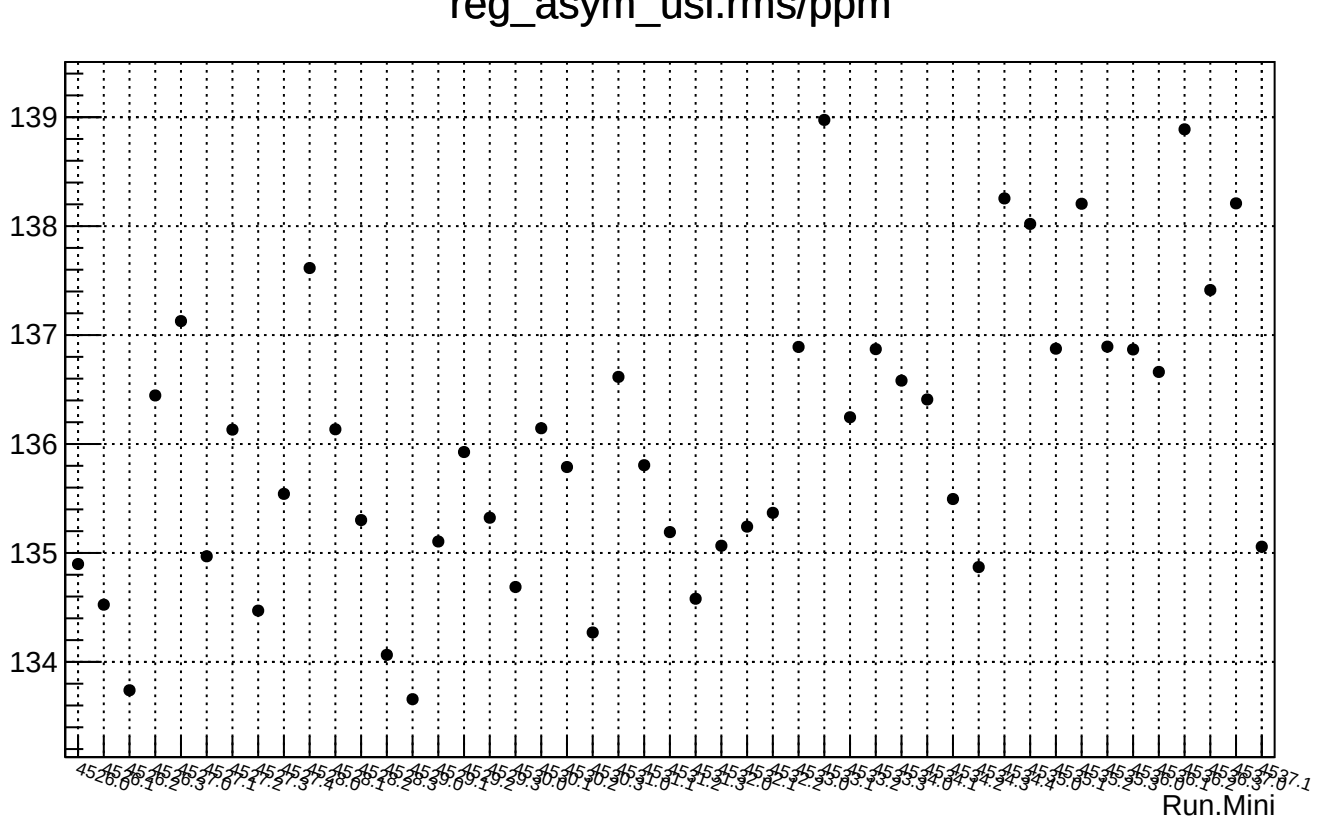

reg_asym_us_dd.mean/ppb
χ² / ndf 50.04 / 46
p0 57.25 ± 131.2
3000
2000
1000
0
−1000
−2000
−3000
Run.Mini

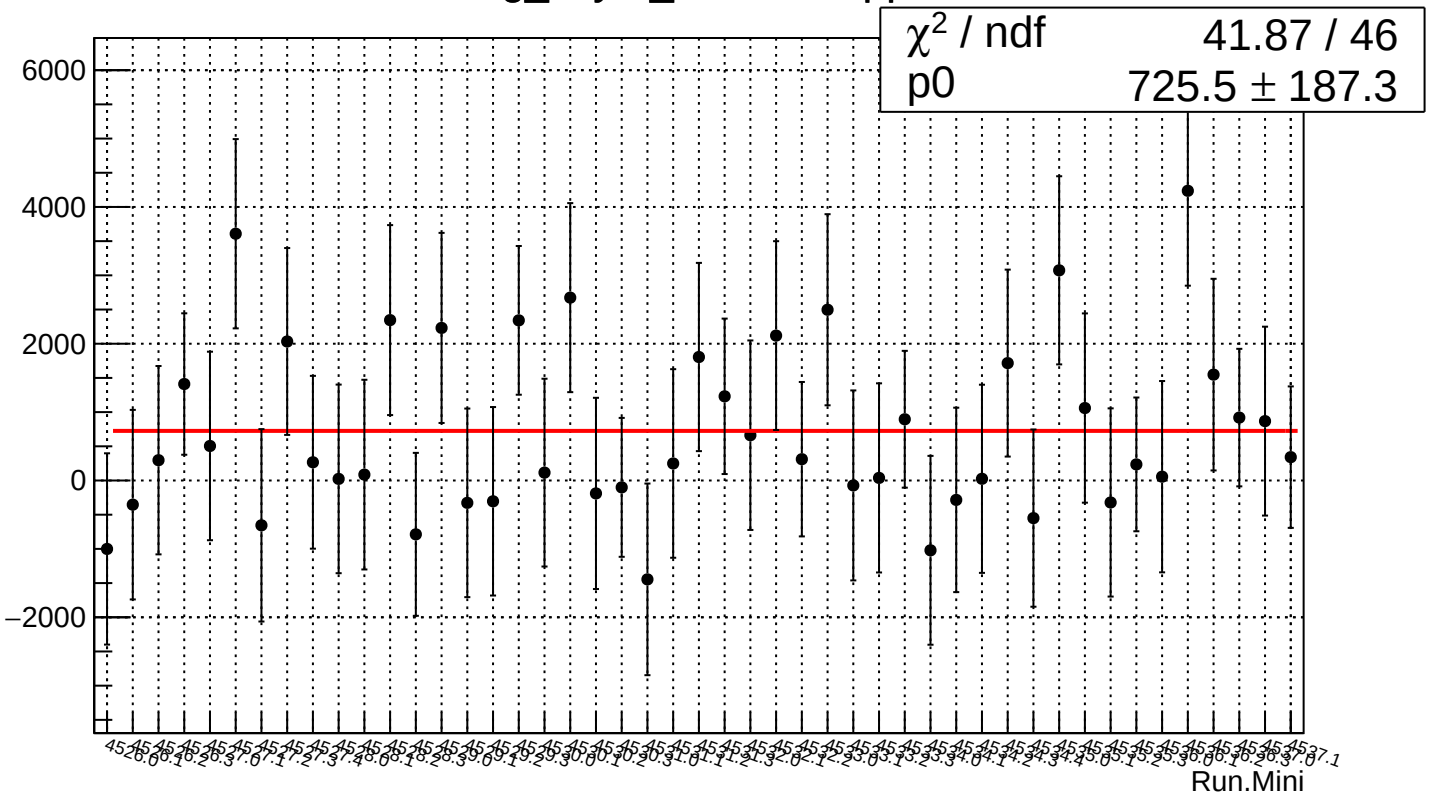

reg_asym_us_dd.rms/ppm
htemp
Entries 47
Mean 91.97
Std Dev 0.7114
3
2.5
2
1.5
1
0.5
0
90
90.5
91
91.5
92
92.5
93
93.5
reg_asym_us_dd.rms/ppm

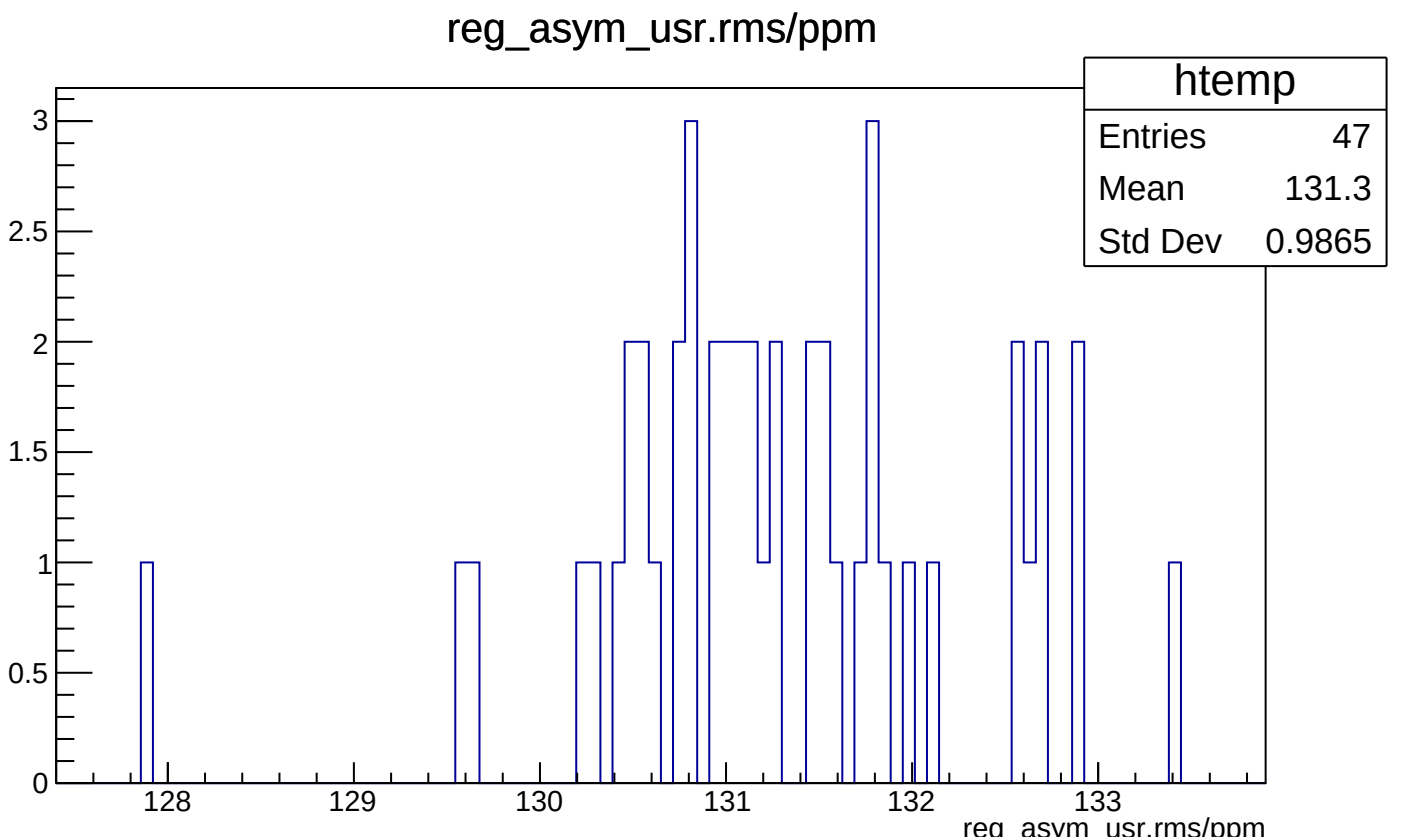

reg_asym_us_dd.rms/ppm
93.5
93
92.5
92
91.5
91
90.5
90
Run.Mini

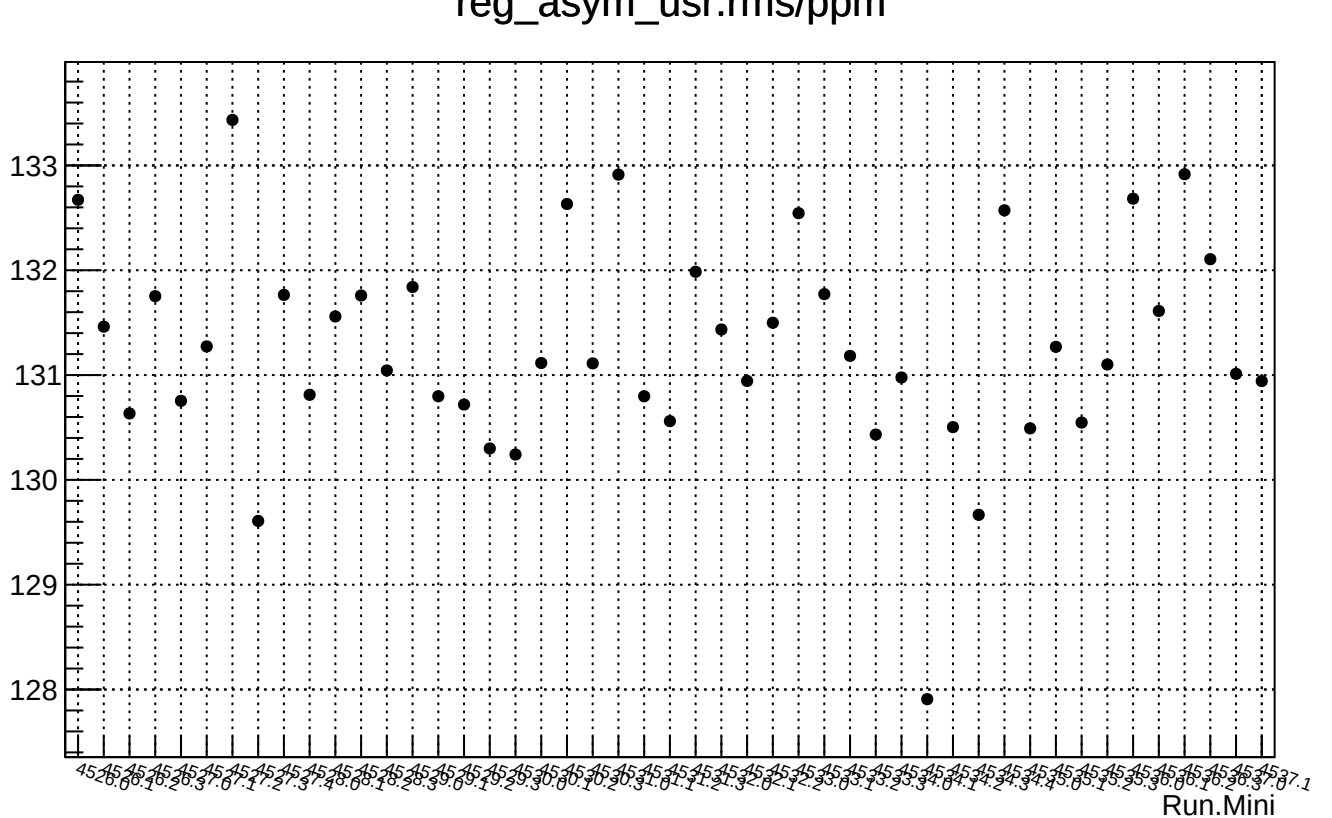

reg_asym_usl.mean/ppb
χ² / ndf 62.5 / 46
p0 839.2 ± 194.1
6000
4000
2000
0
−2000
−4000
Run.Mini


reg_asym_usl.rms/ppm
htemp
Entries 47
Mean 136
Std Dev 1.323
0
1
2
3
4
5
134
135
136
137
138
139
reg_asym_usl.rms/ppm


reg_asym_usl.rms/ppm
139
138
137
136
135
134
Run.Mini


reg_asym_usr.mean/ppb
χ² / ndf 41.87 / 46
p0 725.5 ± 187.3
6000
4000
2000
0
−2000
Run.Mini


reg_asym_usr.rms/ppm
htemp
Entries 47
Mean 131.3
Std Dev 0.9865
3
2.5
2
1.5
1
0.5
0
128
129
130
131
132
133
reg_asym_usr.rms/ppm


reg_asym_usr.rms/ppm
133
132
131
130
129
128
Run.Mini