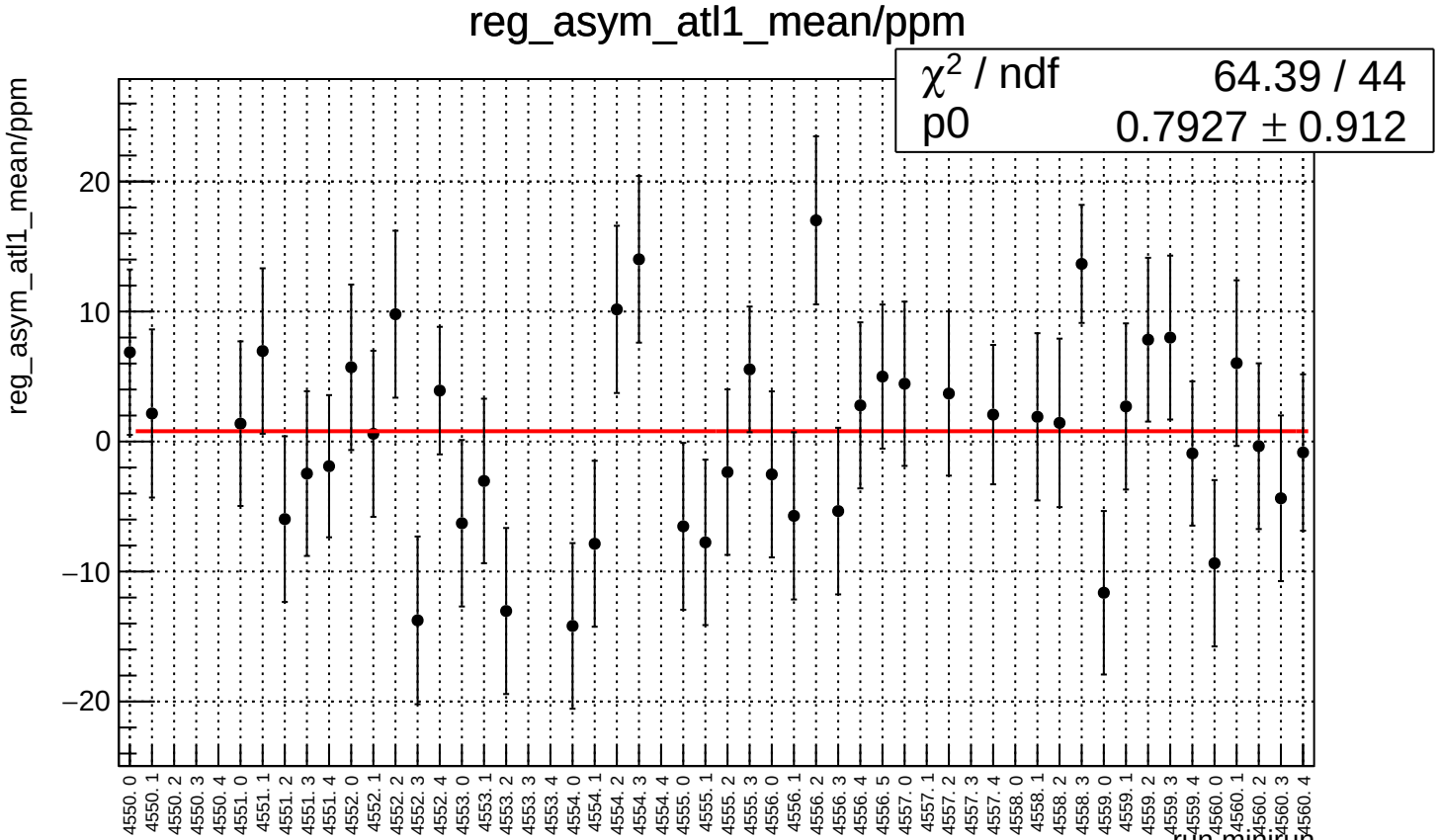
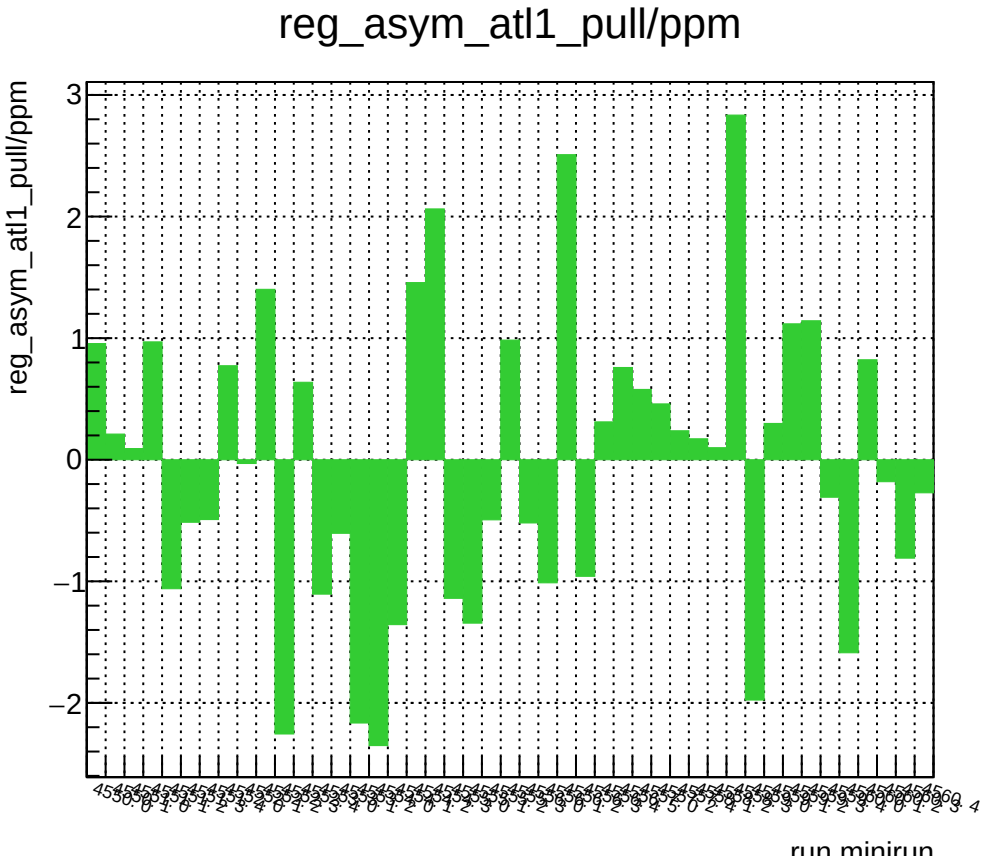
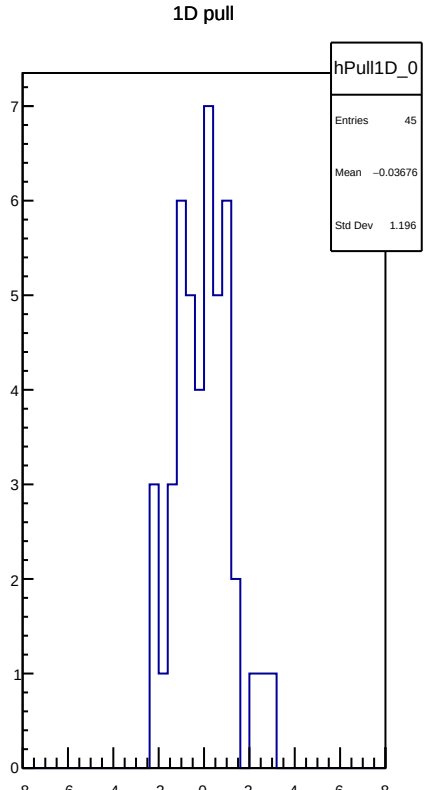
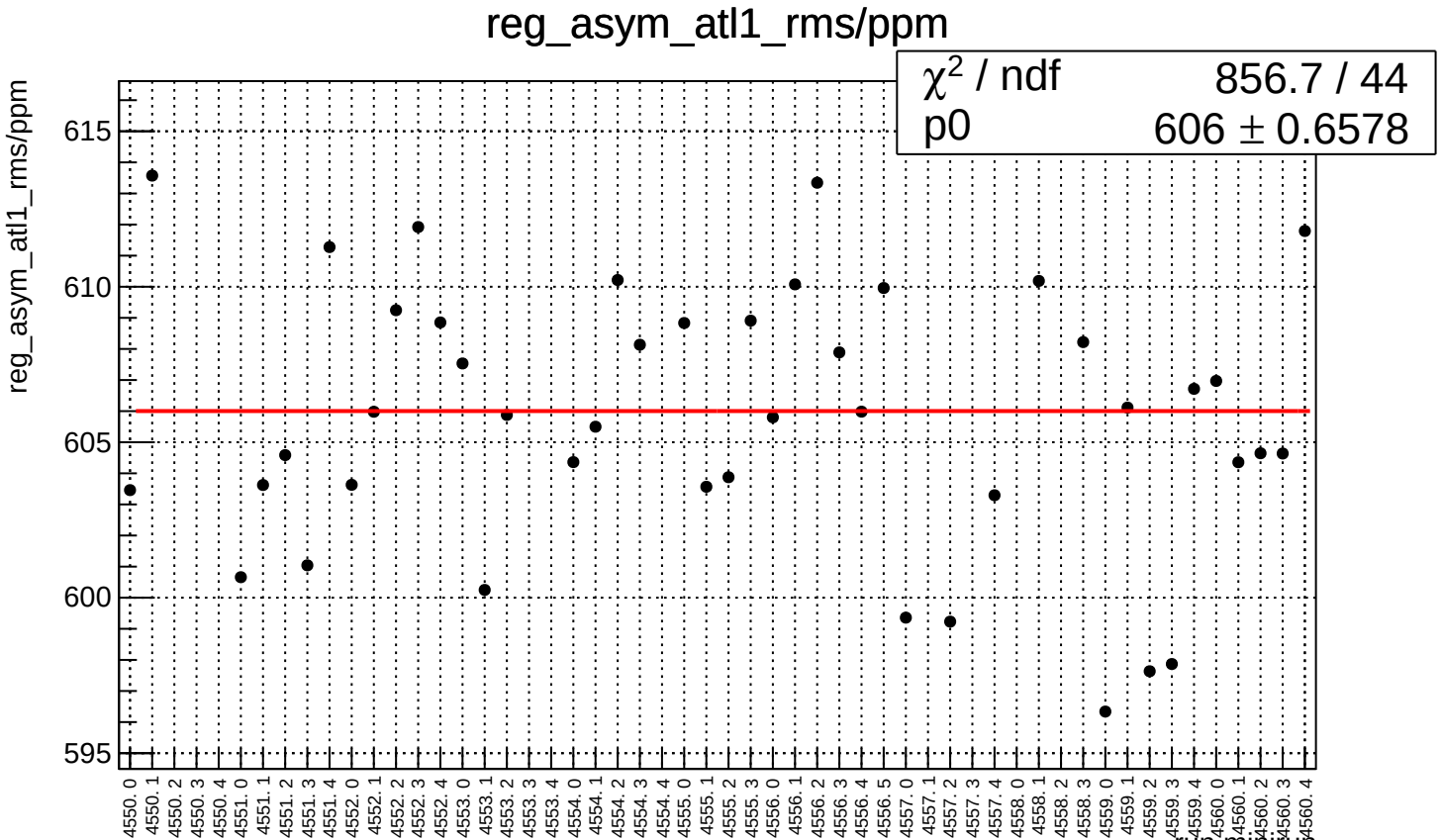
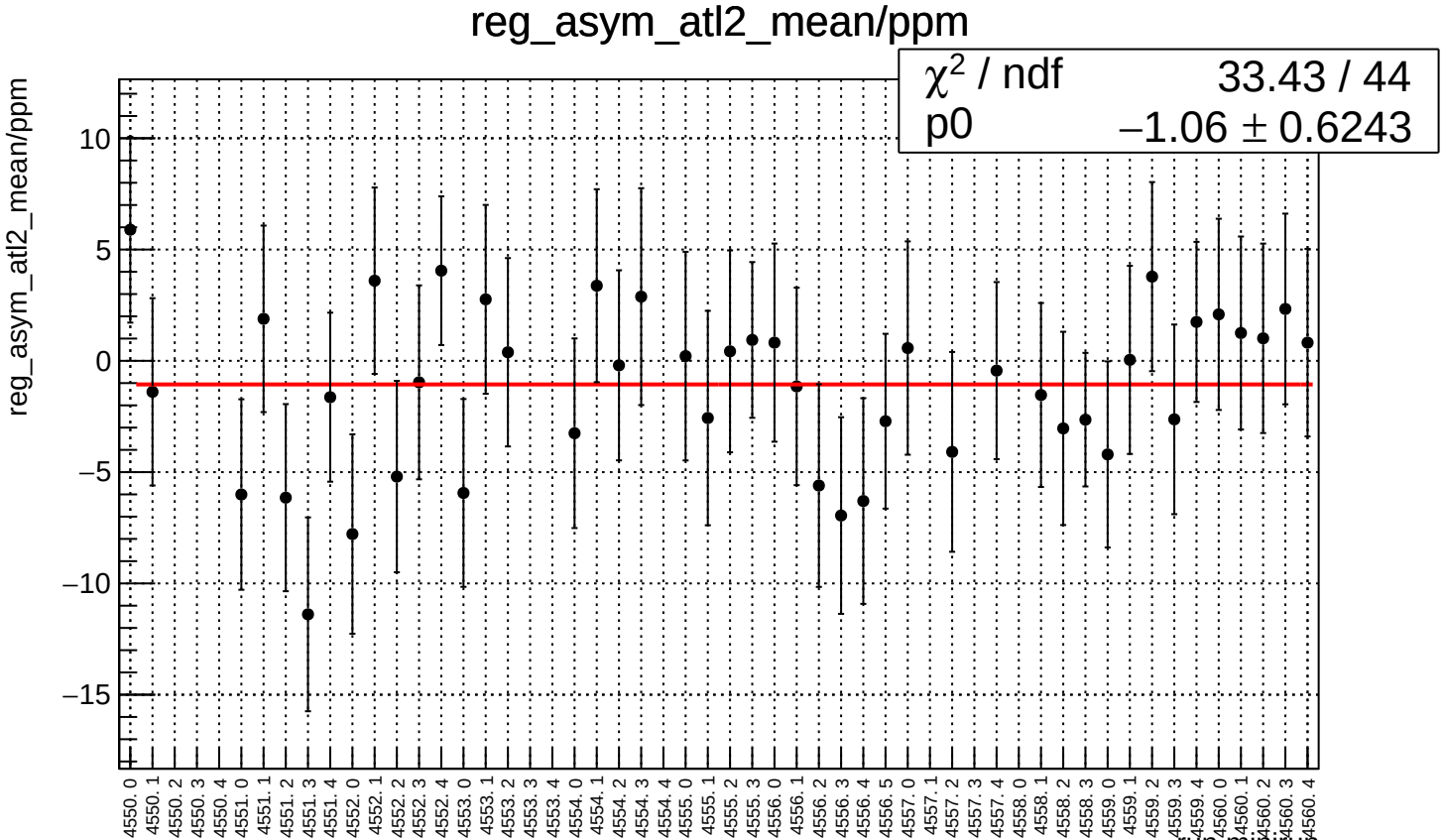
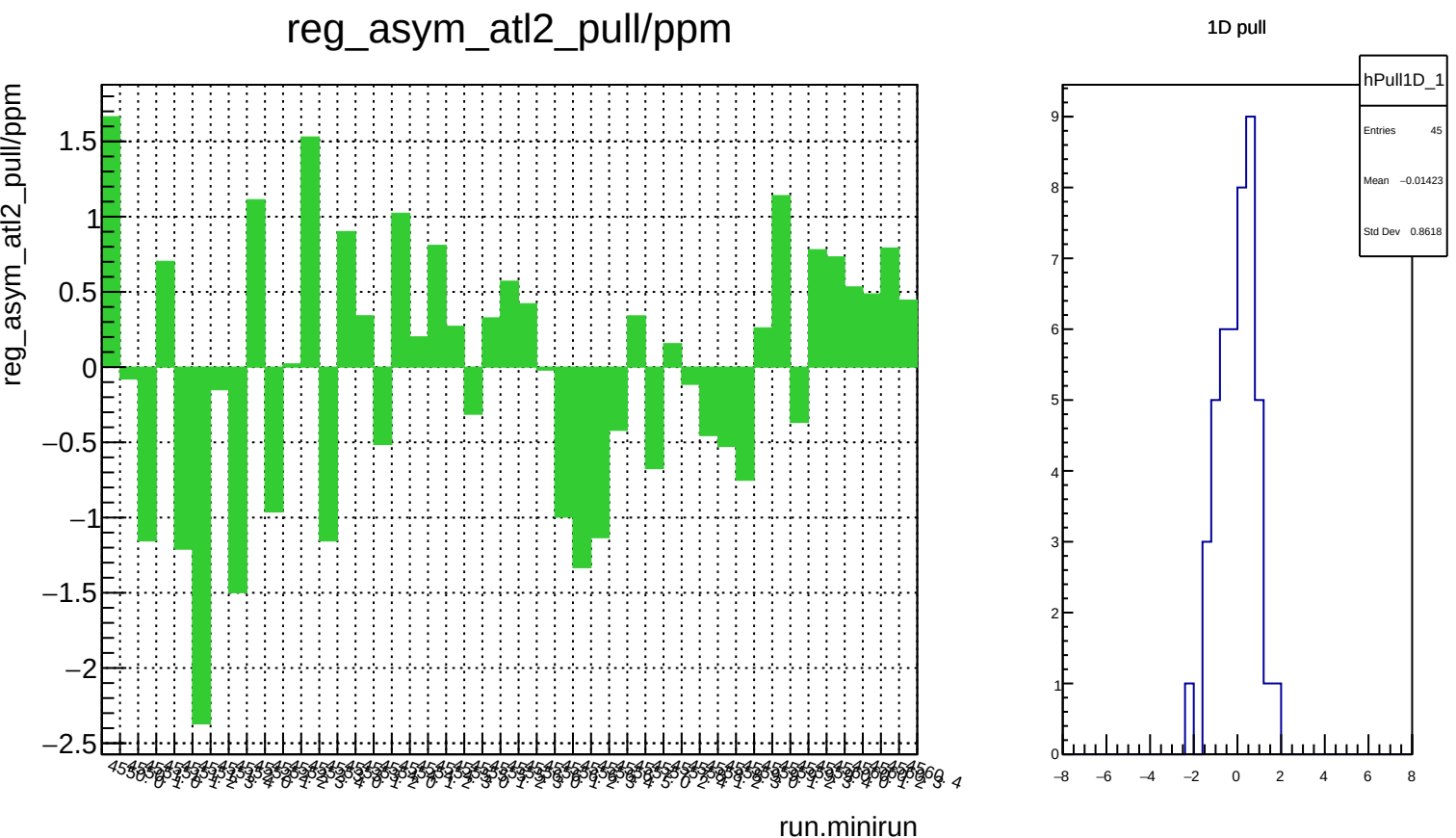

reg_asym_atl1_mean/ppm
χ² / ndf 64.39 / 44
p0 0.7927 ± 0.912
reg_asym_atl1_mean/ppm
20
10
0
−10
−20
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

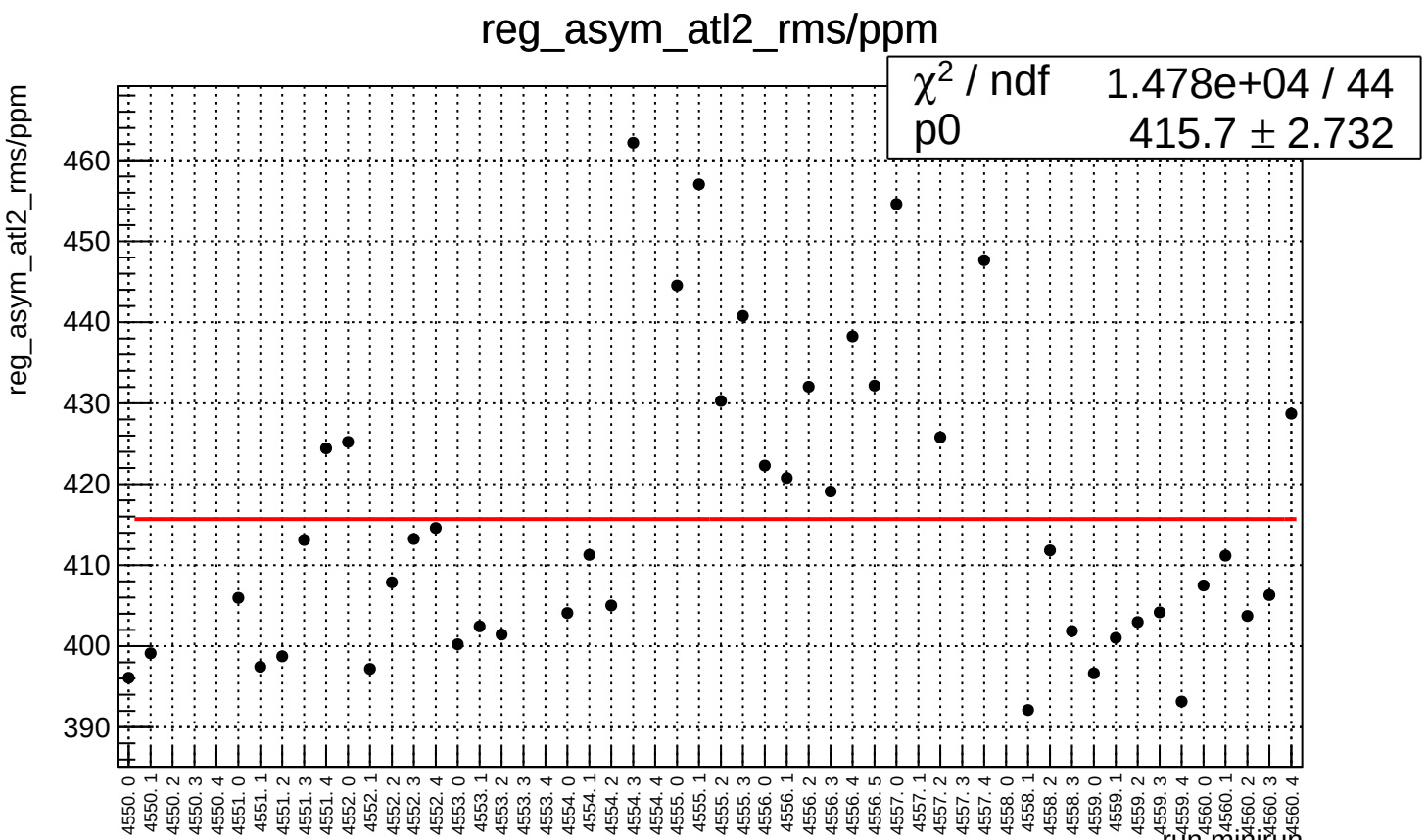

reg_asym_atl1_pull/ppm
reg_asym_atl1_pull/ppm
run.minirun

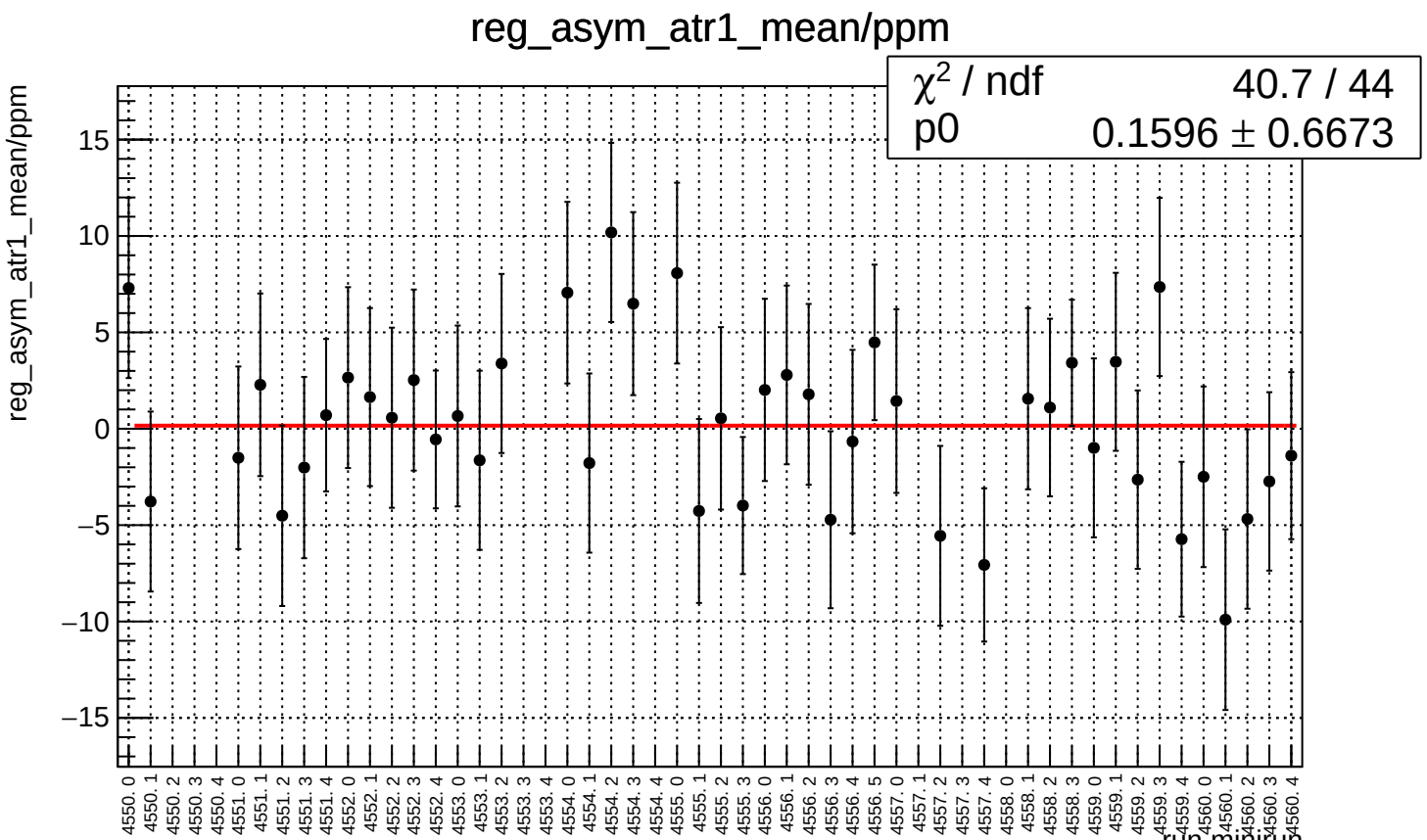

1D pull
hPull1D_0
Entries 45
Mean −0.03676
Std Dev 1.196

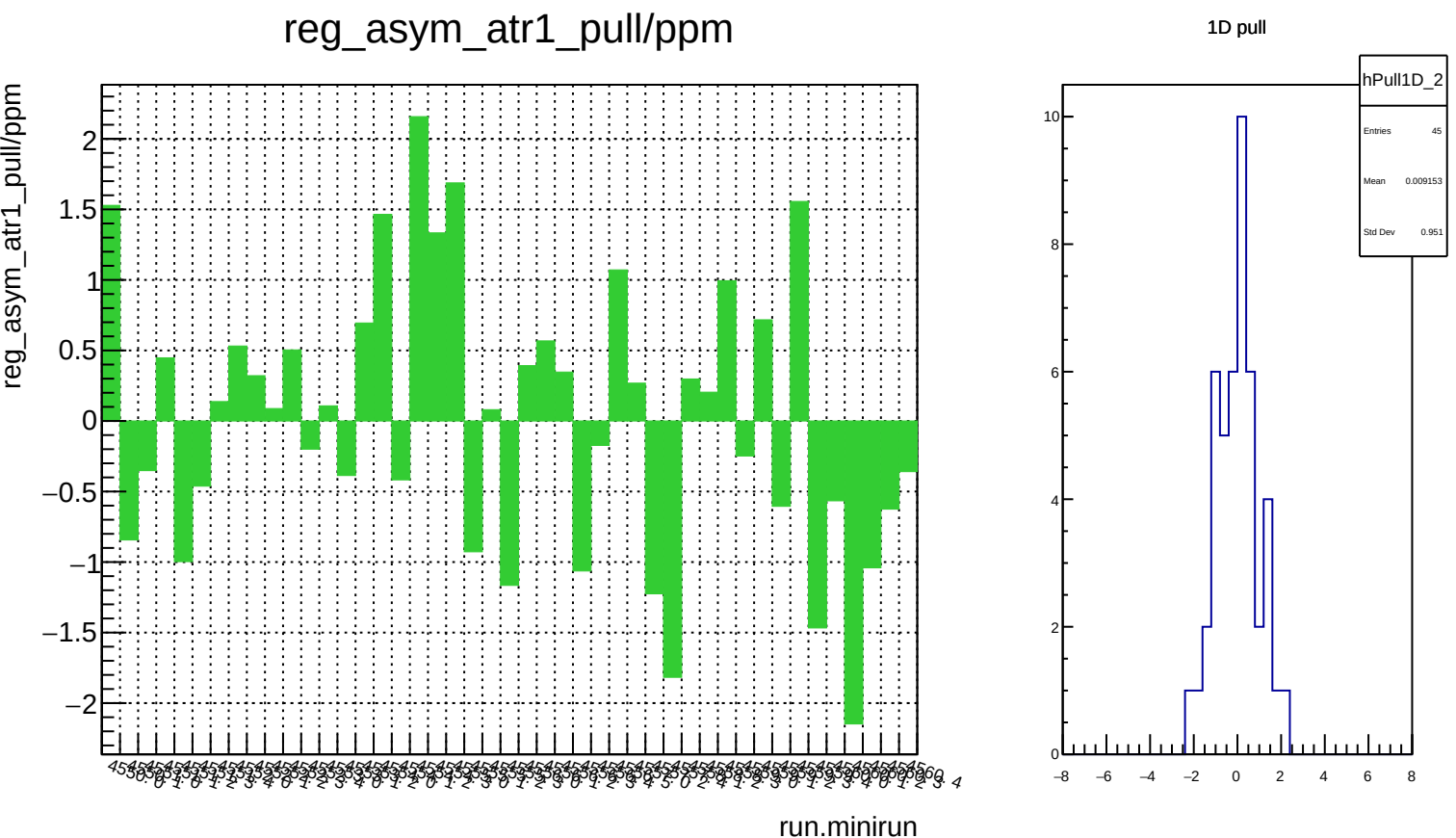

reg_asym_atl1_rms/ppm
χ2 / ndf 856.7 / 44
p0 606 ± 0.6578
reg_asym_atl1_rms/ppm
615
610
605
600
595
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

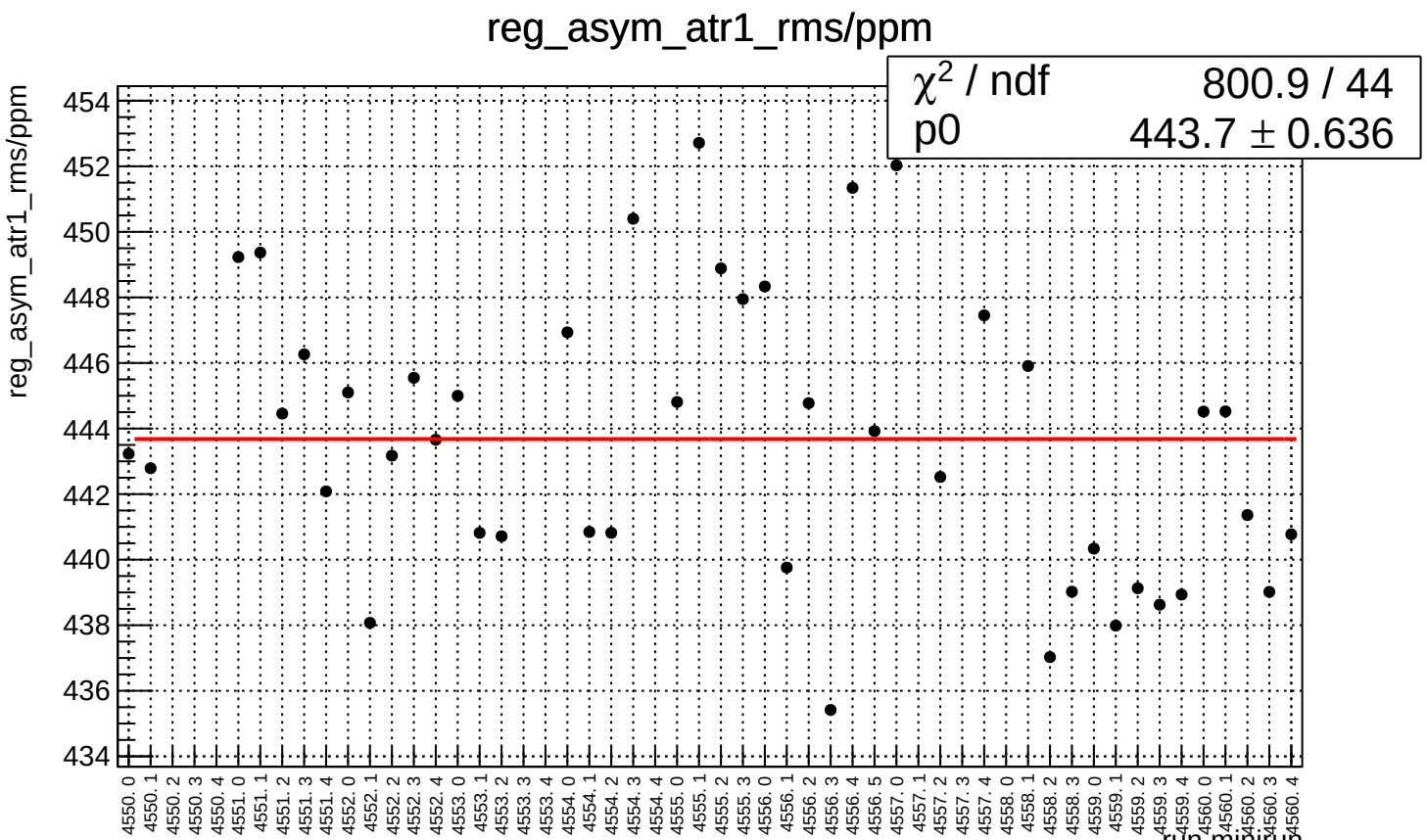

reg_asym_atl2_mean/ppm
χ² / ndf 33.43 / 44
p0 −1.06 ± 0.6243
reg_asym_atl2_mean/ppm
10
5
0
−5
−10
−15
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

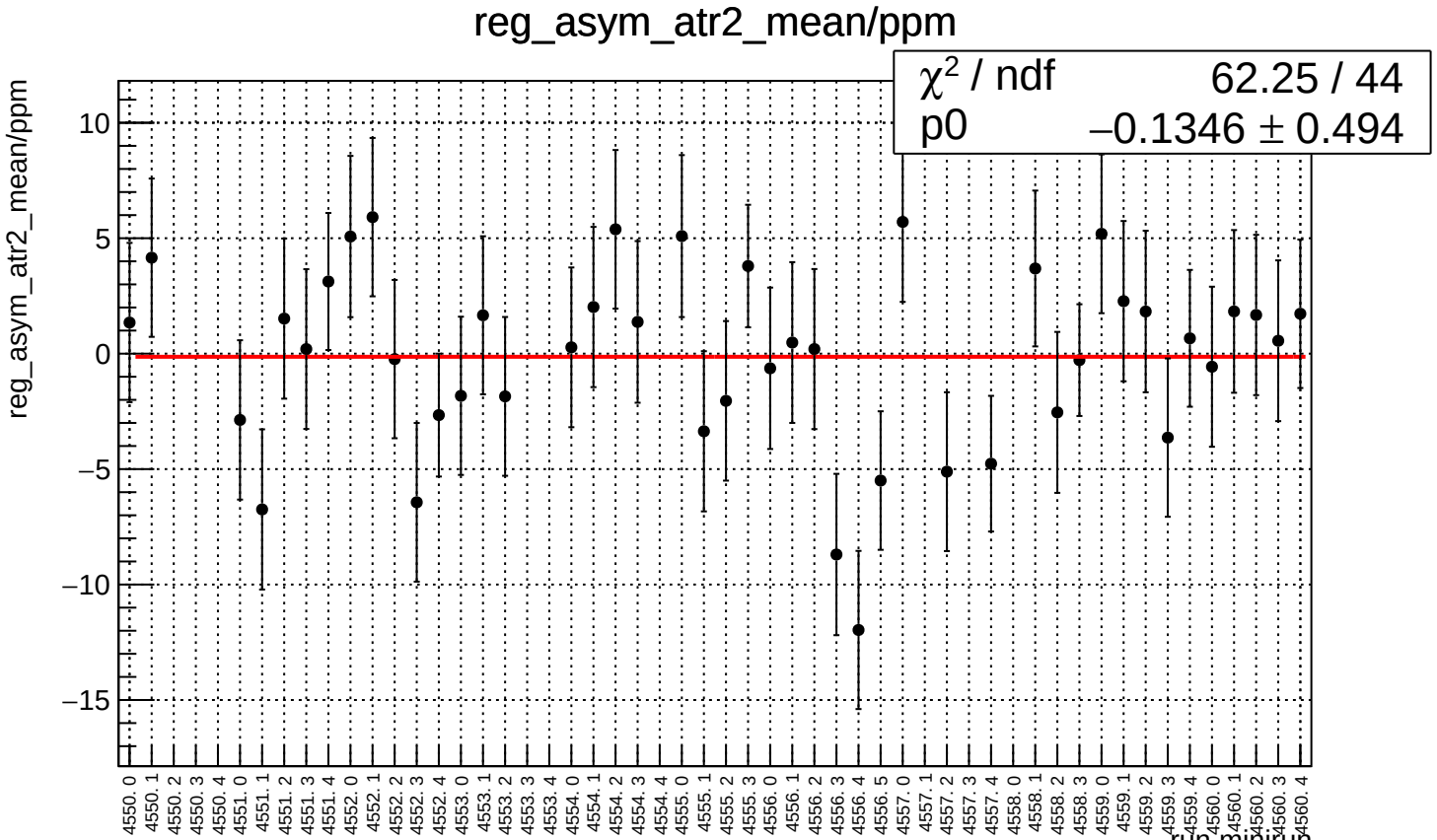

reg_asym_atl2_pull/ppm
reg_asym_atl2_pull/ppm
run.minirun
1D pull
hPull1D_1
Entries 45
Mean −0.01423
Std Dev 0.8618

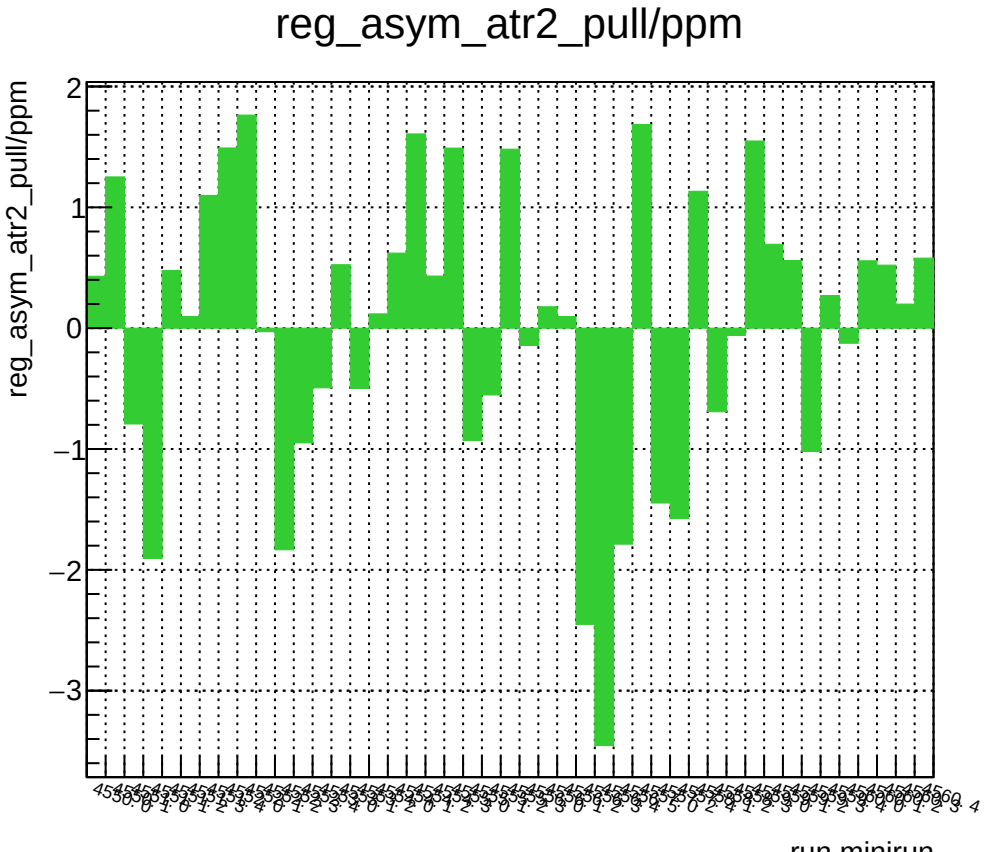

reg_asym_atl2_rms/ppm
χ2 / ndf 1.478e+04 / 44
p0 415.7 ± 2.732
reg_asym_atl2_rms/ppm
run.minirun

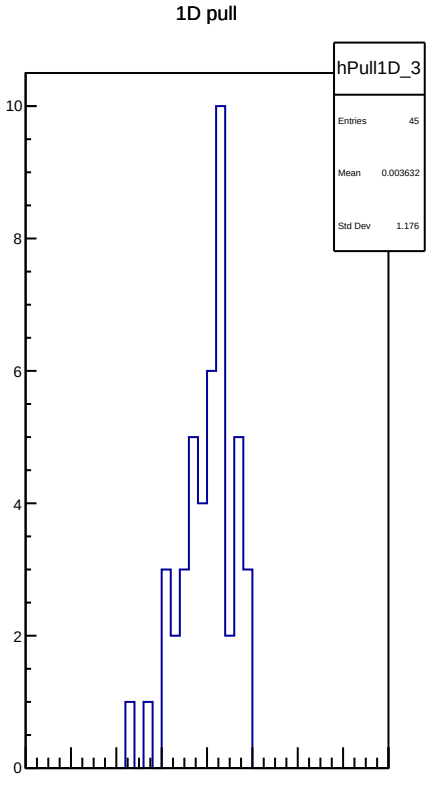

reg_asym_atr1_mean/ppm
χ² / ndf 40.7 / 44
p0 0.1596 ± 0.6673
reg_asym_atr1_mean/ppm
15
10
5
0
−5
−10
−15
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

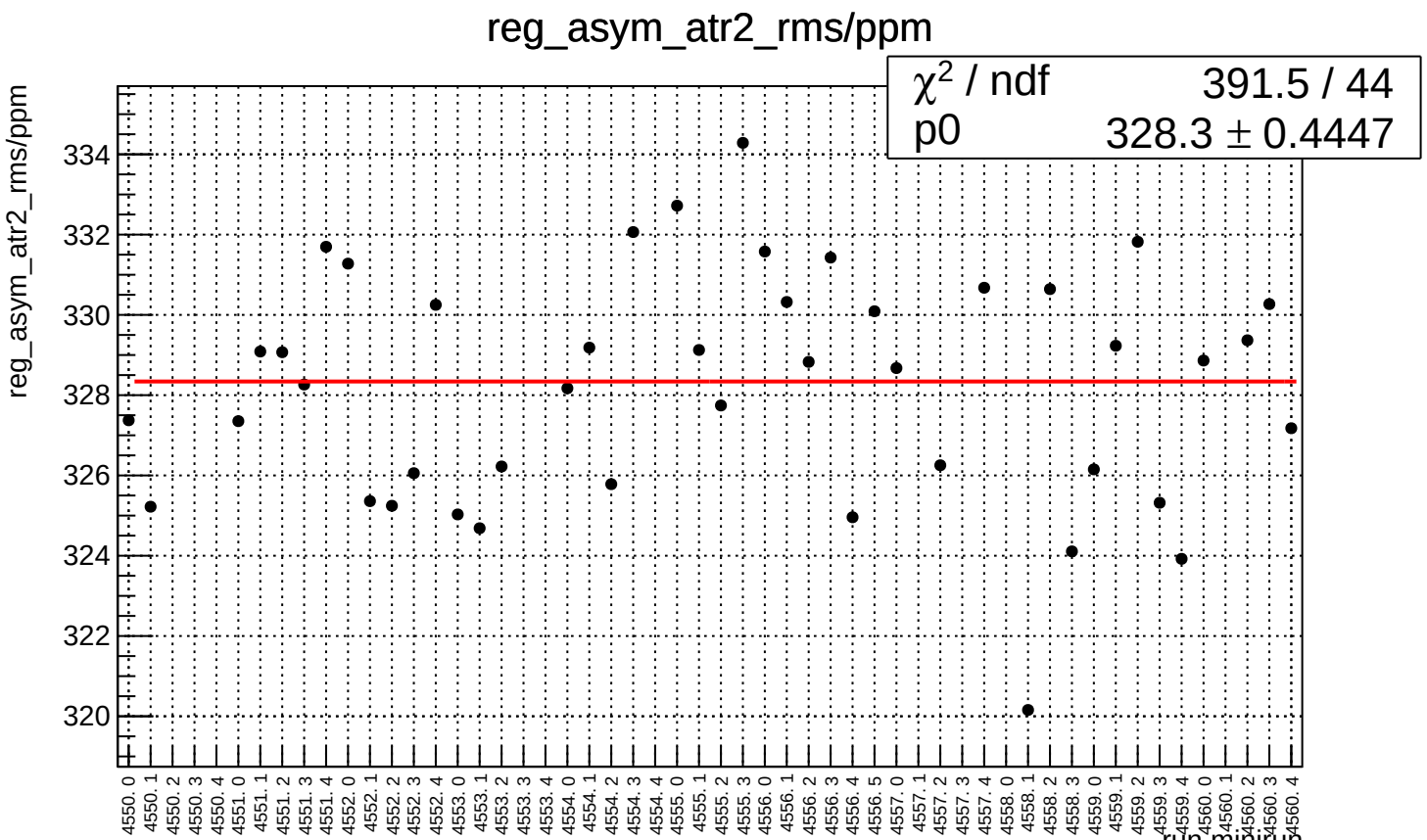

reg_asym_atr1_pull/ppm
reg_asym_atr1_pull/ppm
run.minirun
1D pull
hPull1D_2
Entries 45
Mean 0.009153
Std Dev 0.951

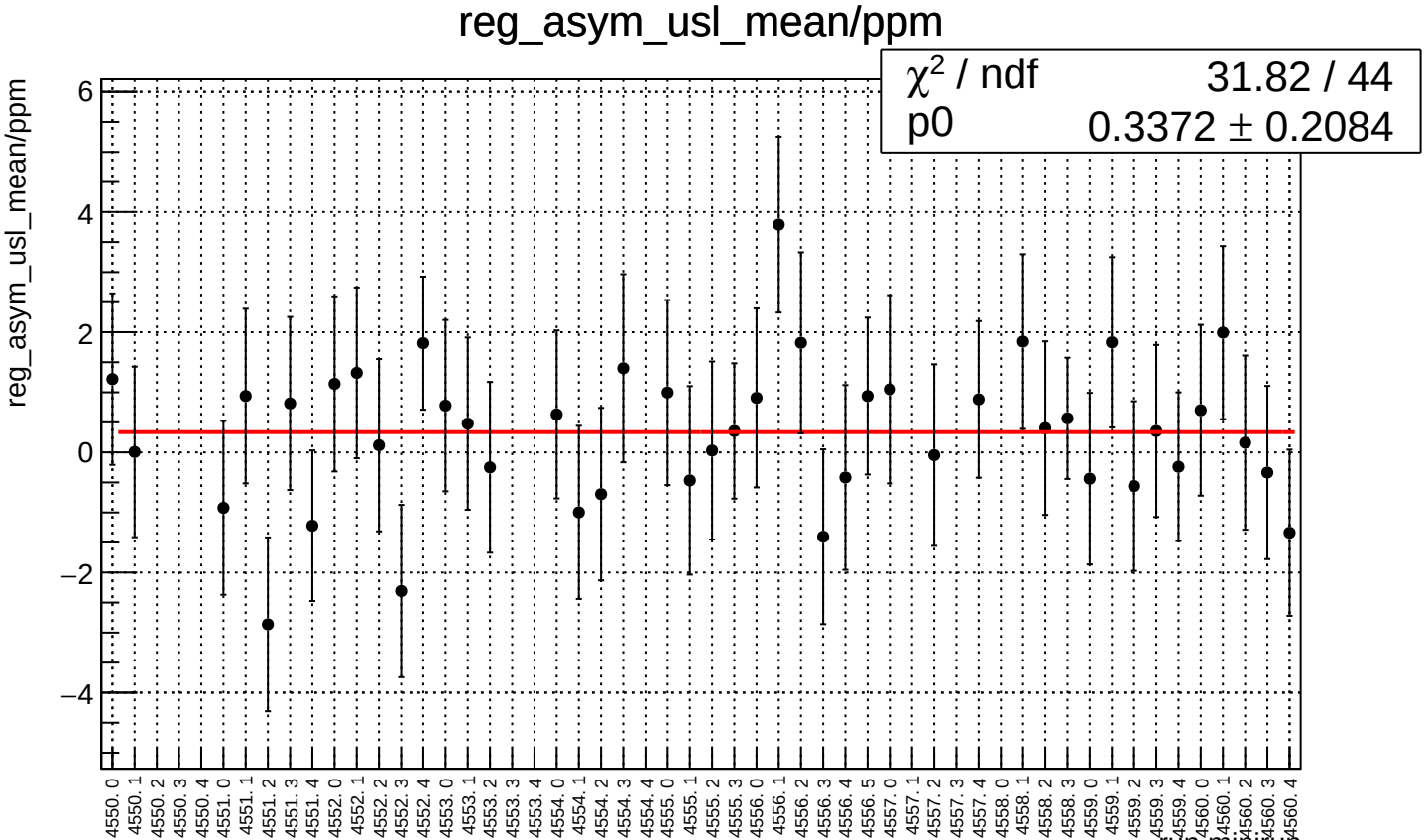

reg_asym_atr1_rms/ppm
χ2 / ndf 800.9 / 44
p0 443.7 ± 0.636
reg_asym_atr1_rms/ppm
454
452
450
448
446
444
442
440
438
436
434
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

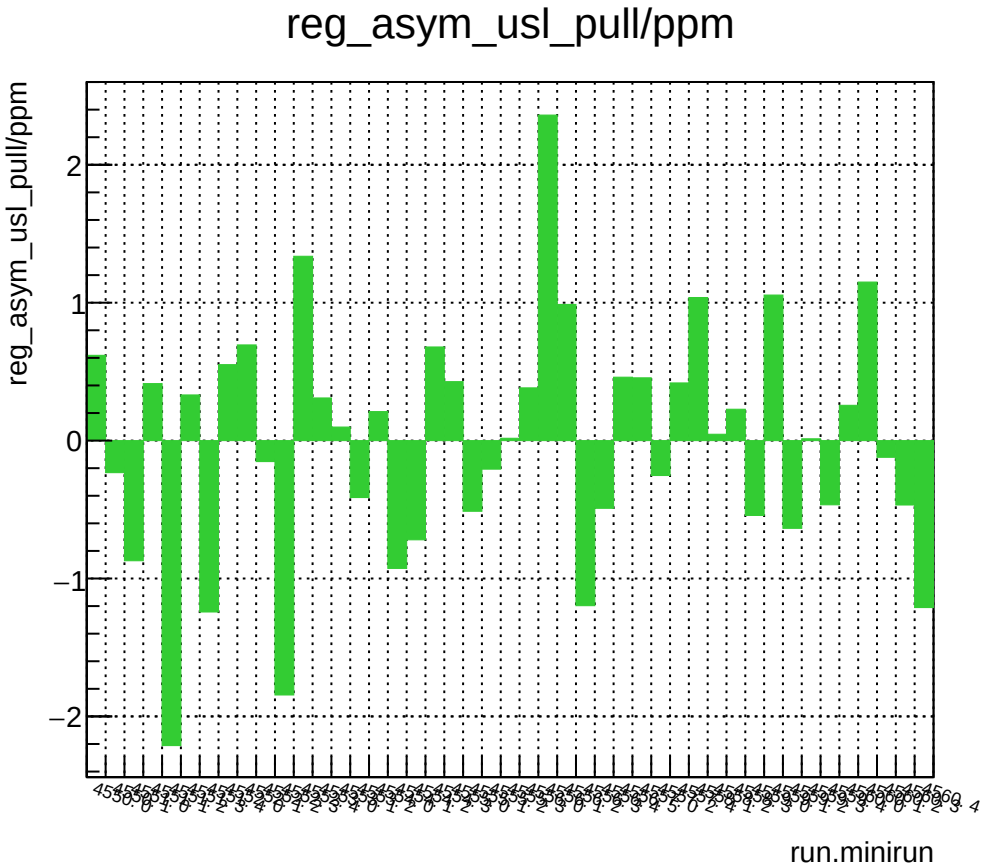

reg_asym_atr2_mean/ppm
χ² / ndf 62.25 / 44
p0 −0.1346 ± 0.494
reg_asym_atr2_mean/ppm
run.minirun

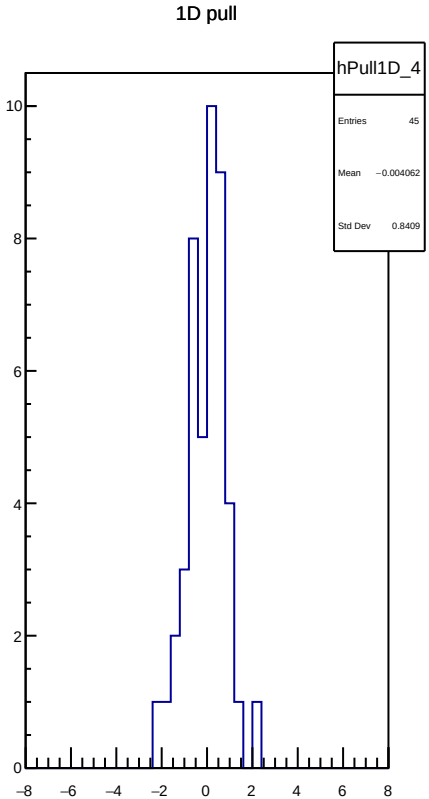

reg_asym_atr2_pull/ppm
reg_asym_atr2_pull/ppm
2
1
0
−1
−2
−3
run.minirun

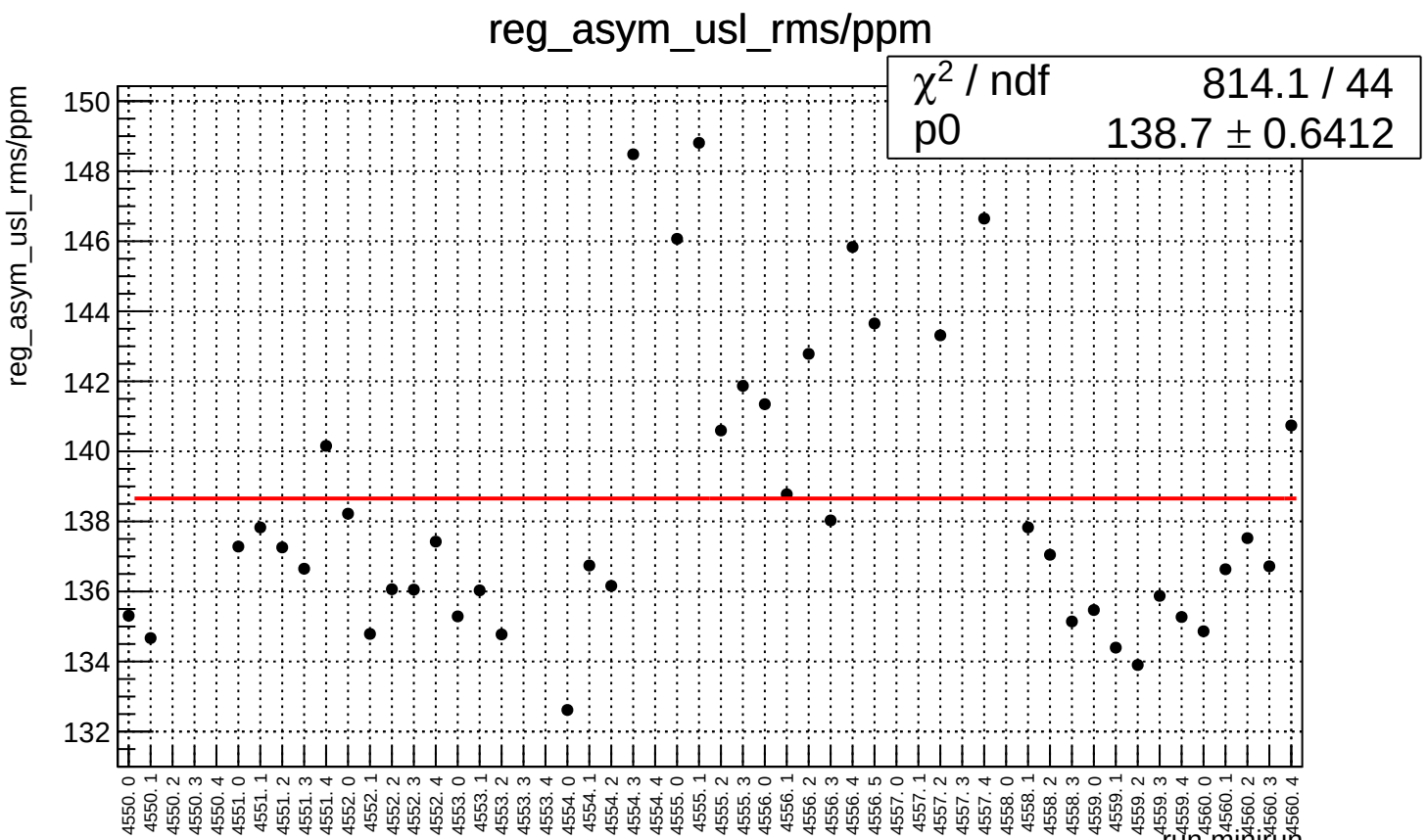

1D pull
hPull1D_3
Entries 45
Mean 0.003632
Std Dev 1.176
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

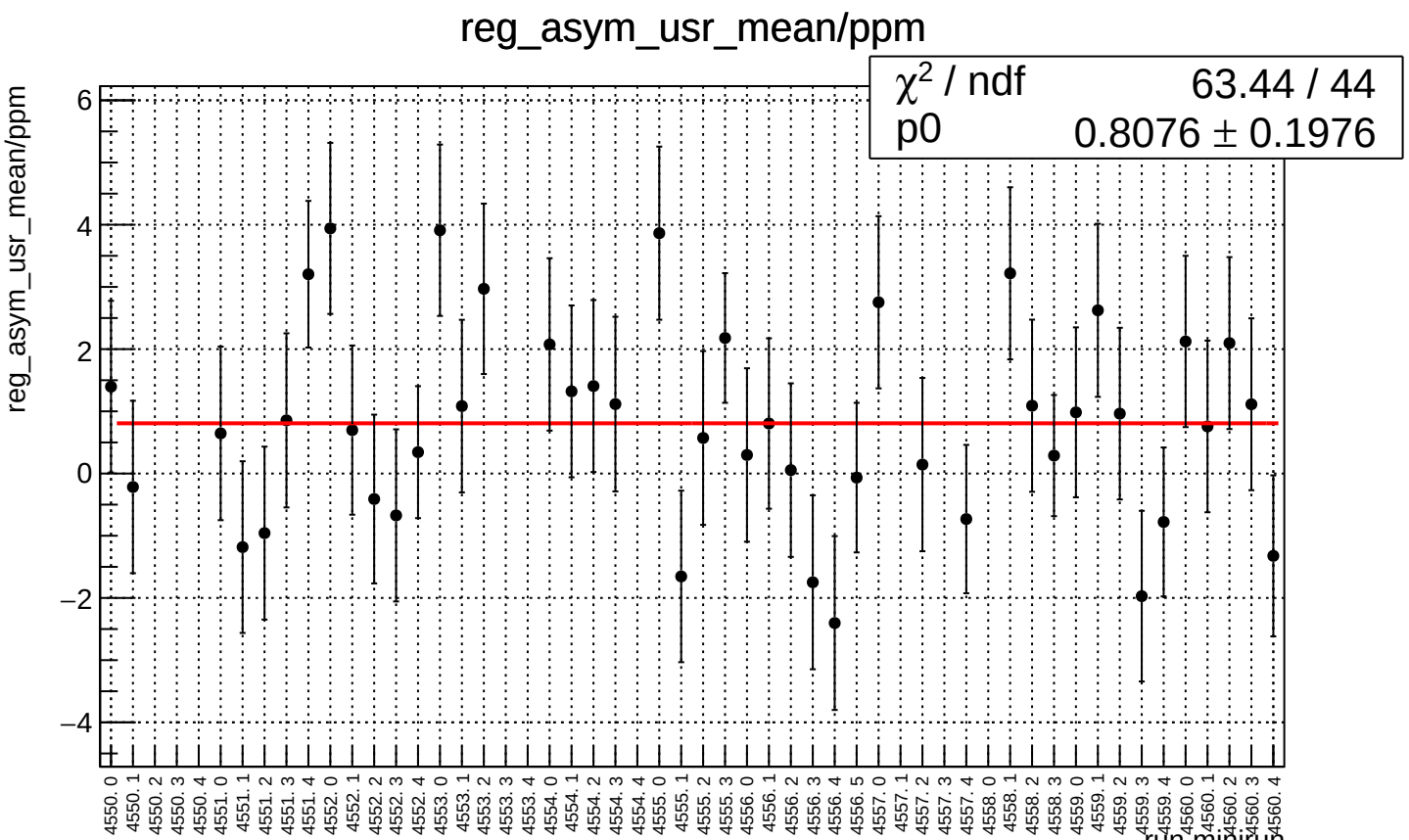

reg_asym_atr2_rms/ppm
χ2 / ndf 391.5 / 44
p0 328.3 ± 0.4447
reg_asym_atr2_rms/ppm
334
332
330
328
326
324
322
320
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

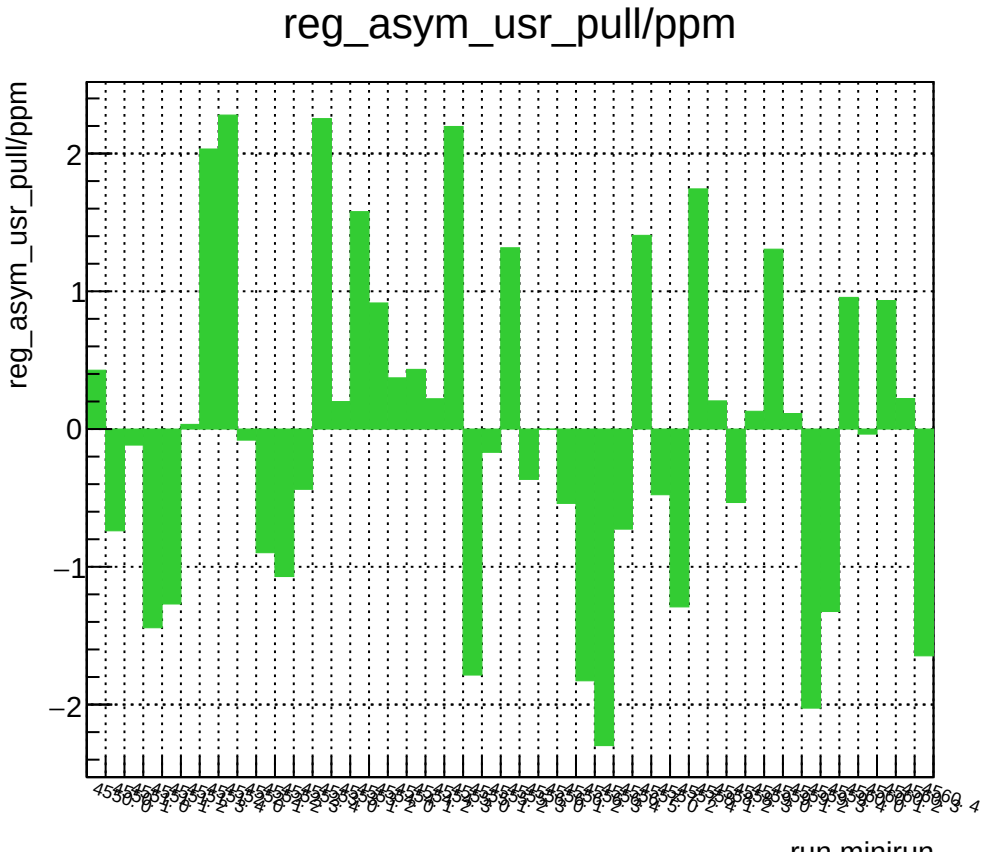

reg_asym_usl_mean/ppm
χ^2 / ndf 31.82 / 44
p0 0.3372 ± 0.2084
reg_asym_usl_mean/ppm
6
4
2
0
−2
−4
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

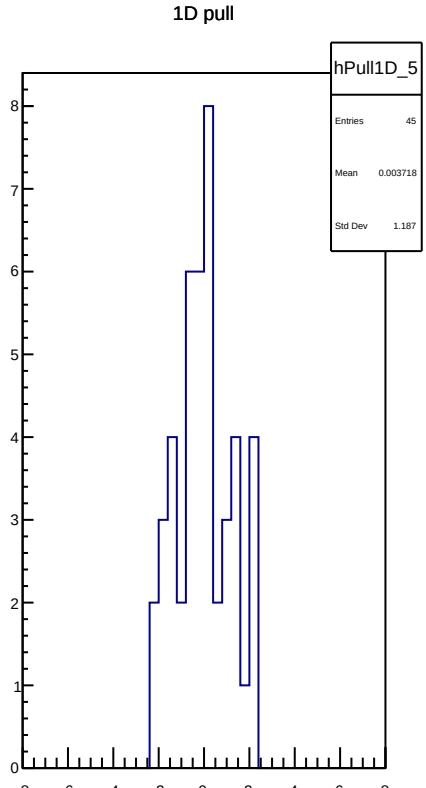

reg_asym_usl_pull/ppm
reg_asym_usl_pull/ppm
2
1
0
−1
−2
run.minirun

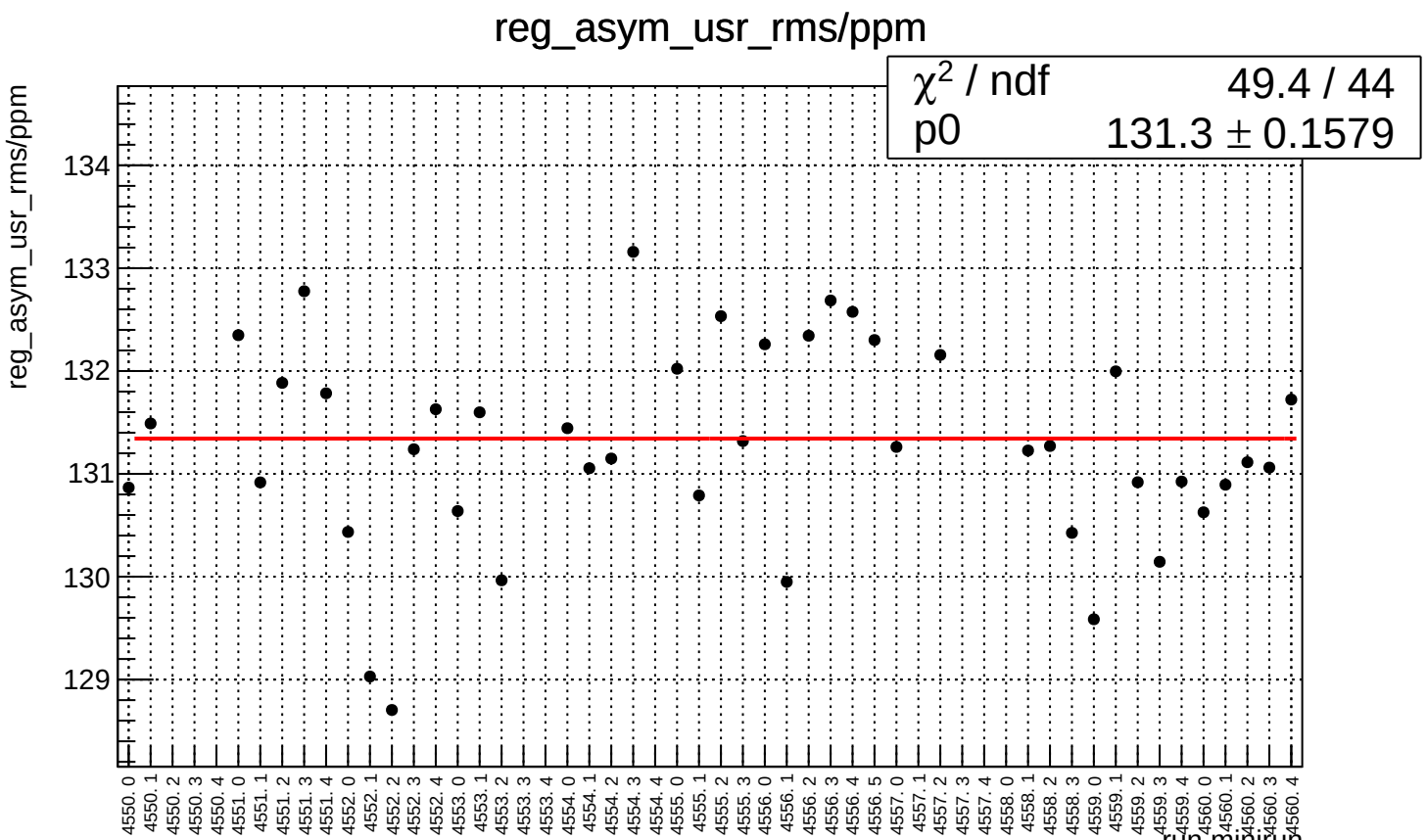

1D pull
hPull1D_4
Entries 45
Mean −0.004062
Std Dev 0.8409
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

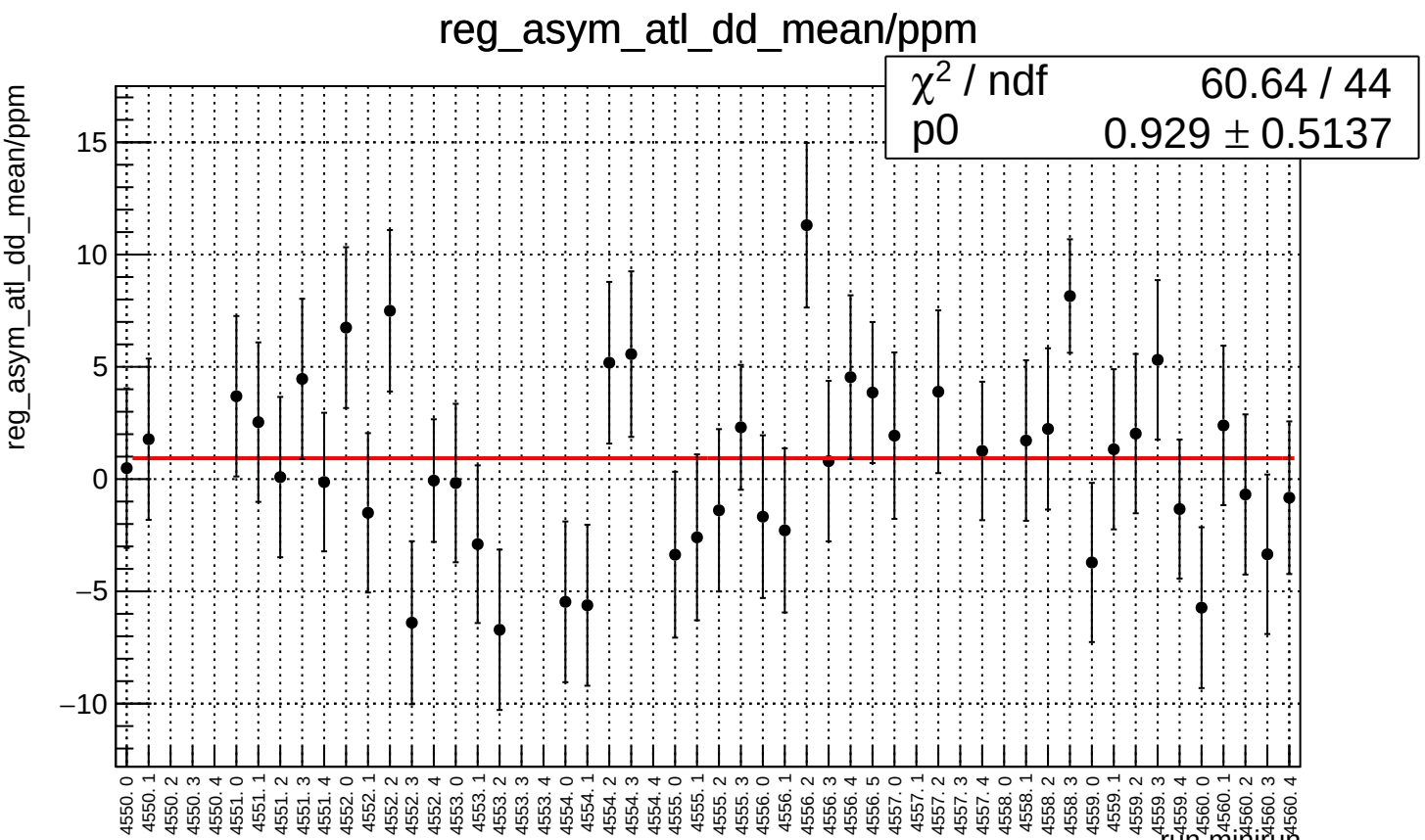

reg_asym_usl_rms/ppm
χ2 / ndf 814.1 / 44
p0 138.7 ± 0.6412
reg_asym_usl_rms/ppm
150
148
146
144
142
140
138
136
134
132
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

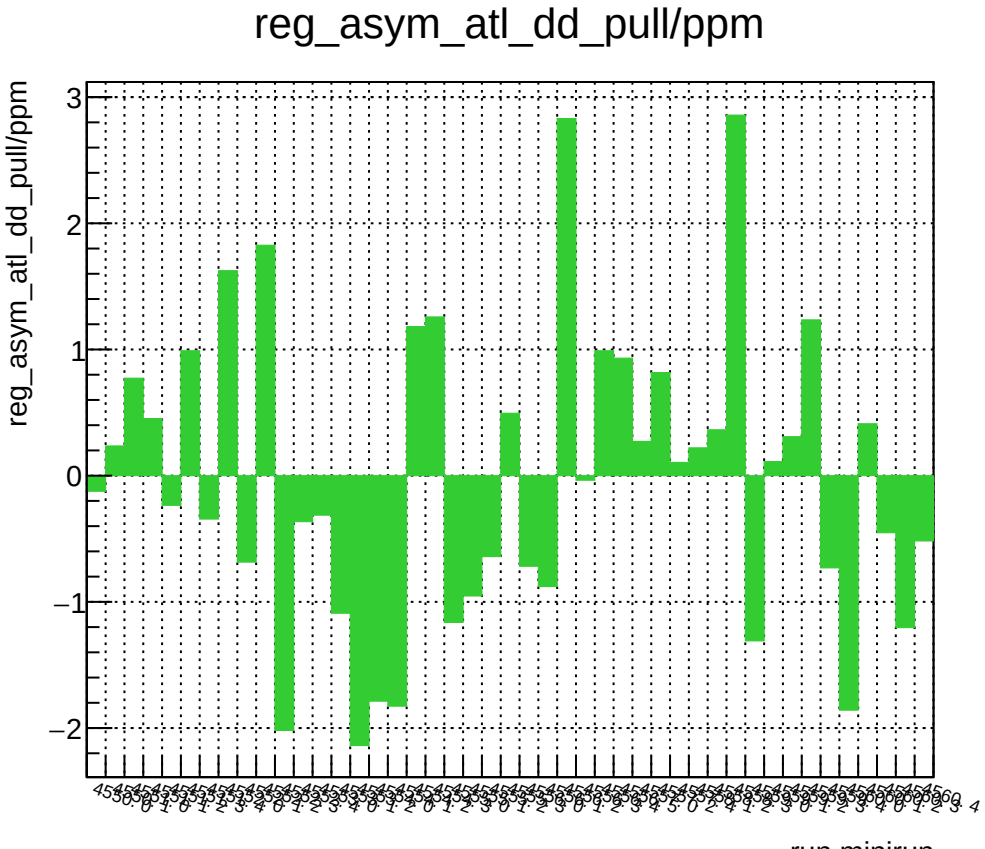

reg_asym_usr_mean/ppm
χ² / ndf 63.44 / 44
p0 0.8076 ± 0.1976
reg_asym_usr_mean/ppm
6
4
2
0
−2
−4
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

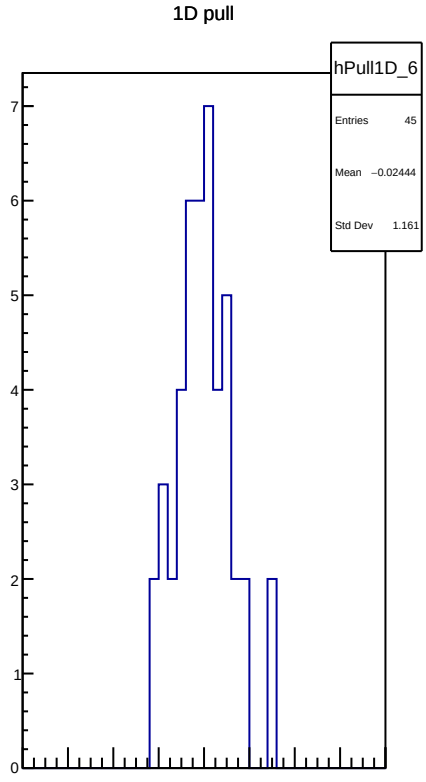

reg_asym_usr_pull/ppm
reg_asym_usr_pull/ppm
2
1
0
−1
−2
run.minirun

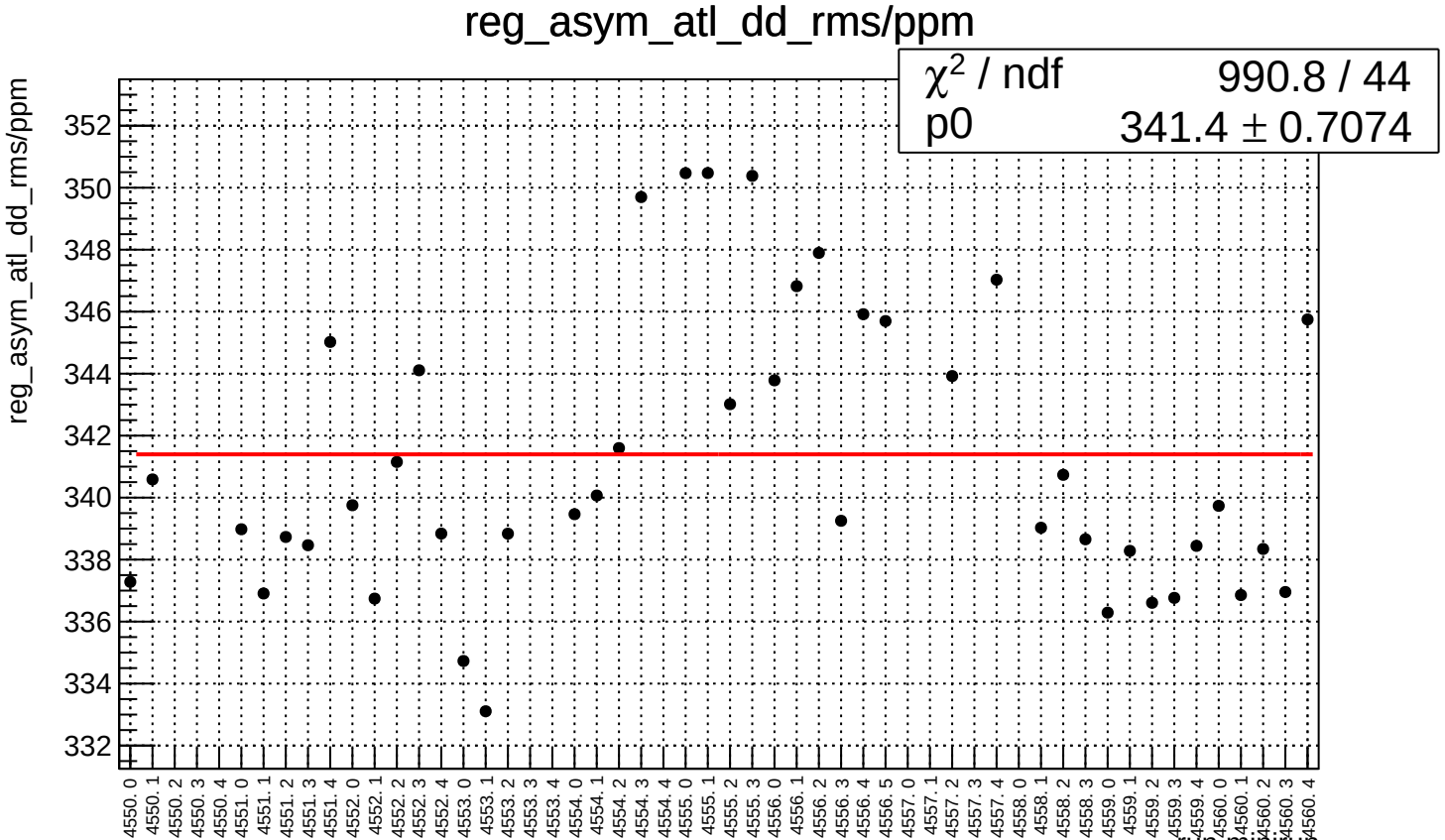

1D pull
hPull1D_5
Entries 45
Mean 0.003718
Std Dev 1.187
8
7
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

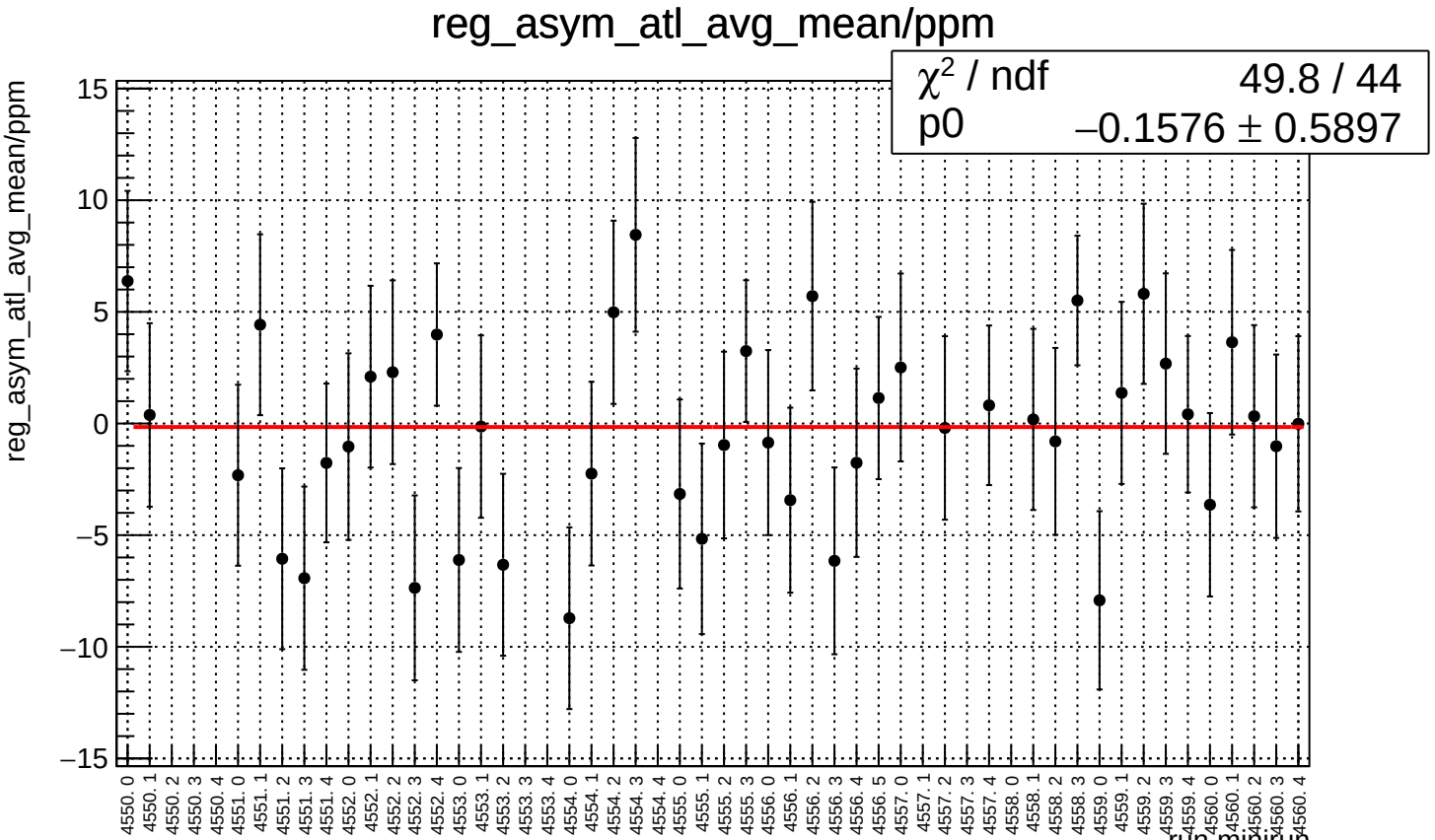

reg_asym_usr_rms/ppm
χ2 / ndf 49.4 / 44
p0 131.3 ± 0.1579
reg_asym_usr_rms/ppm
134
133
132
131
130
129
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

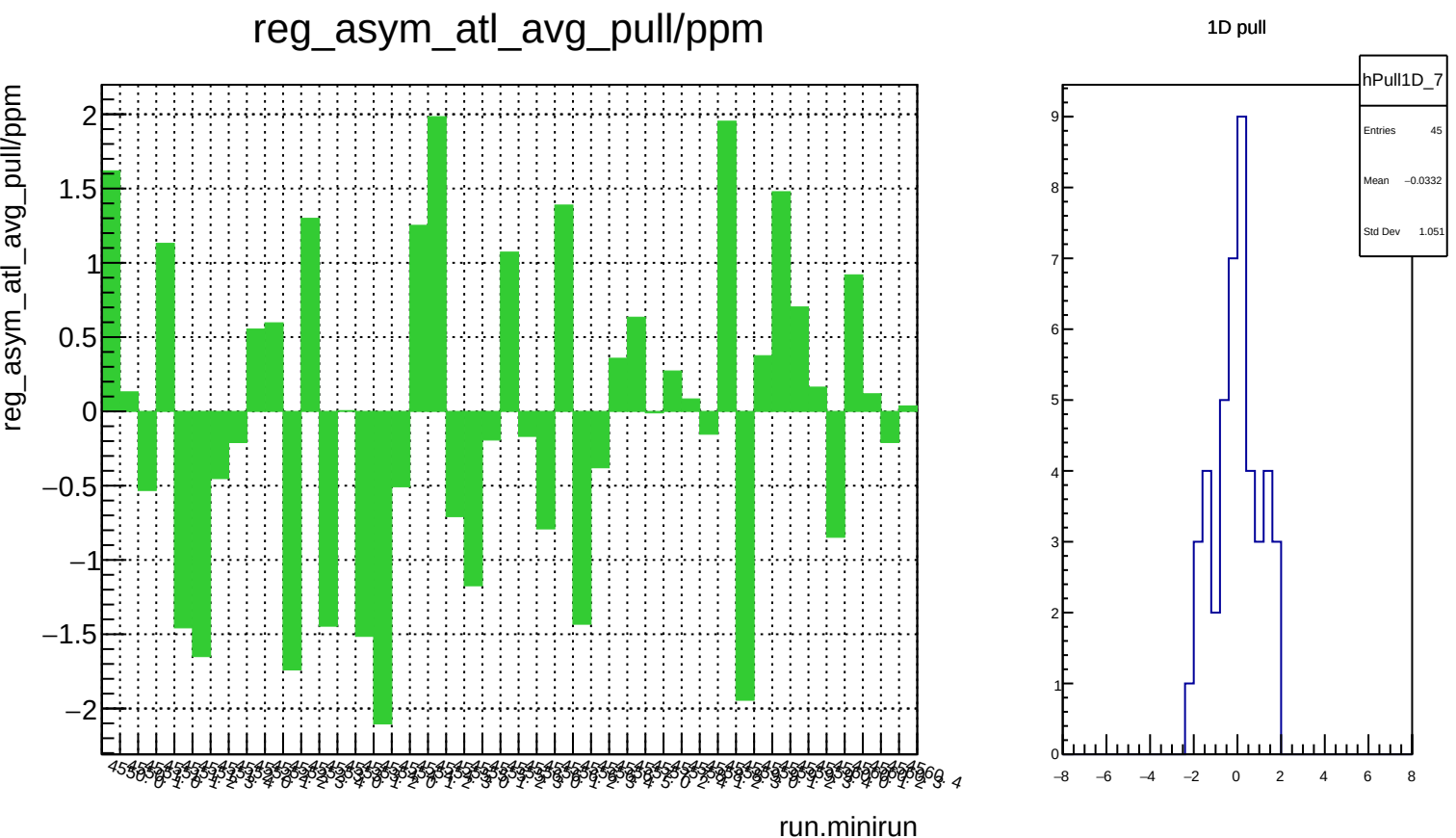

reg_asym_atl_dd_mean/ppm
χ² / ndf 60.64 / 44
p0 0.929 ± 0.5137
reg_asym_atl_dd_mean/ppm
15
10
5
0
−5
−10
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

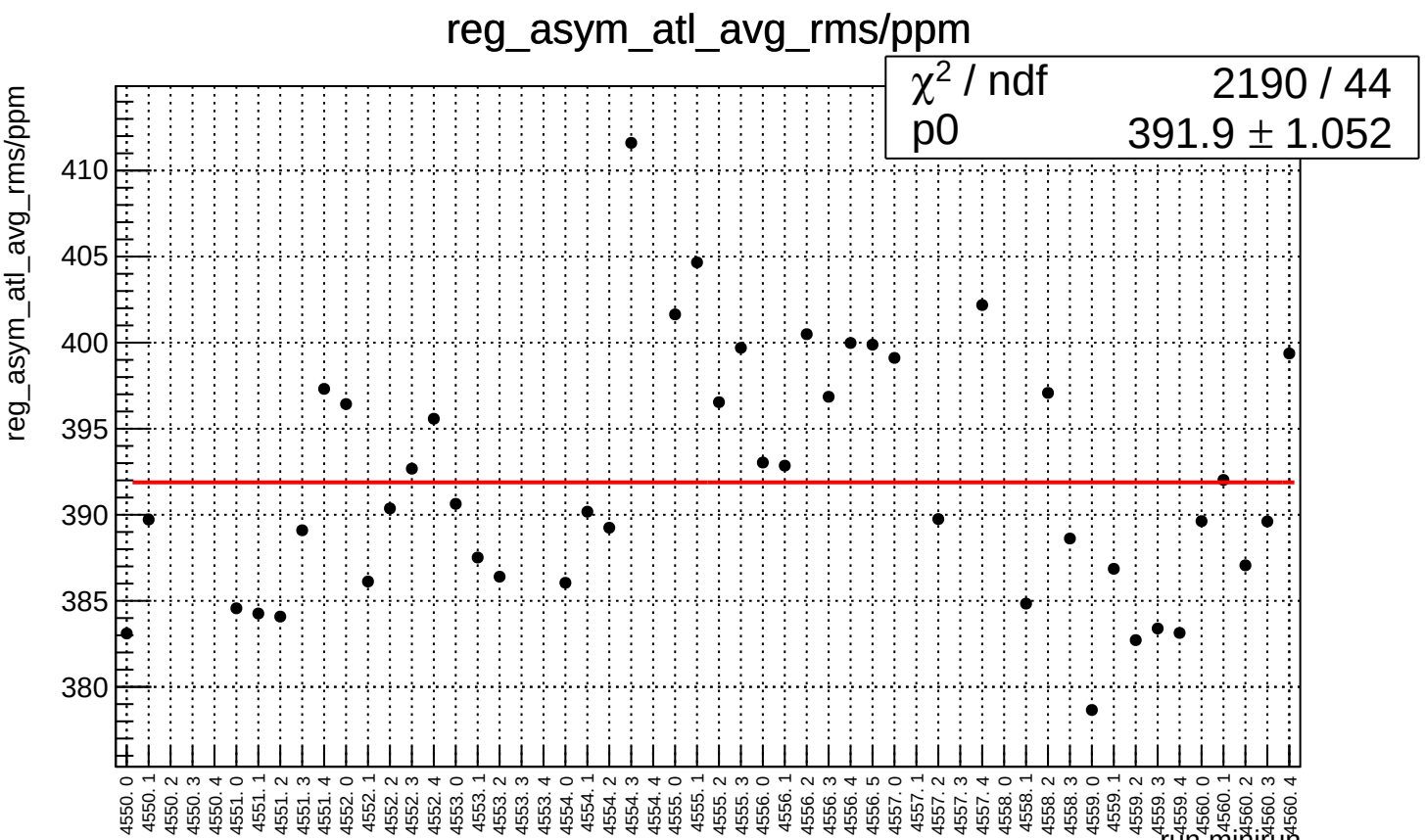

reg_asym_atl_dd_pull/ppm
reg_asym_atl_dd_pull/ppm
run.minirun

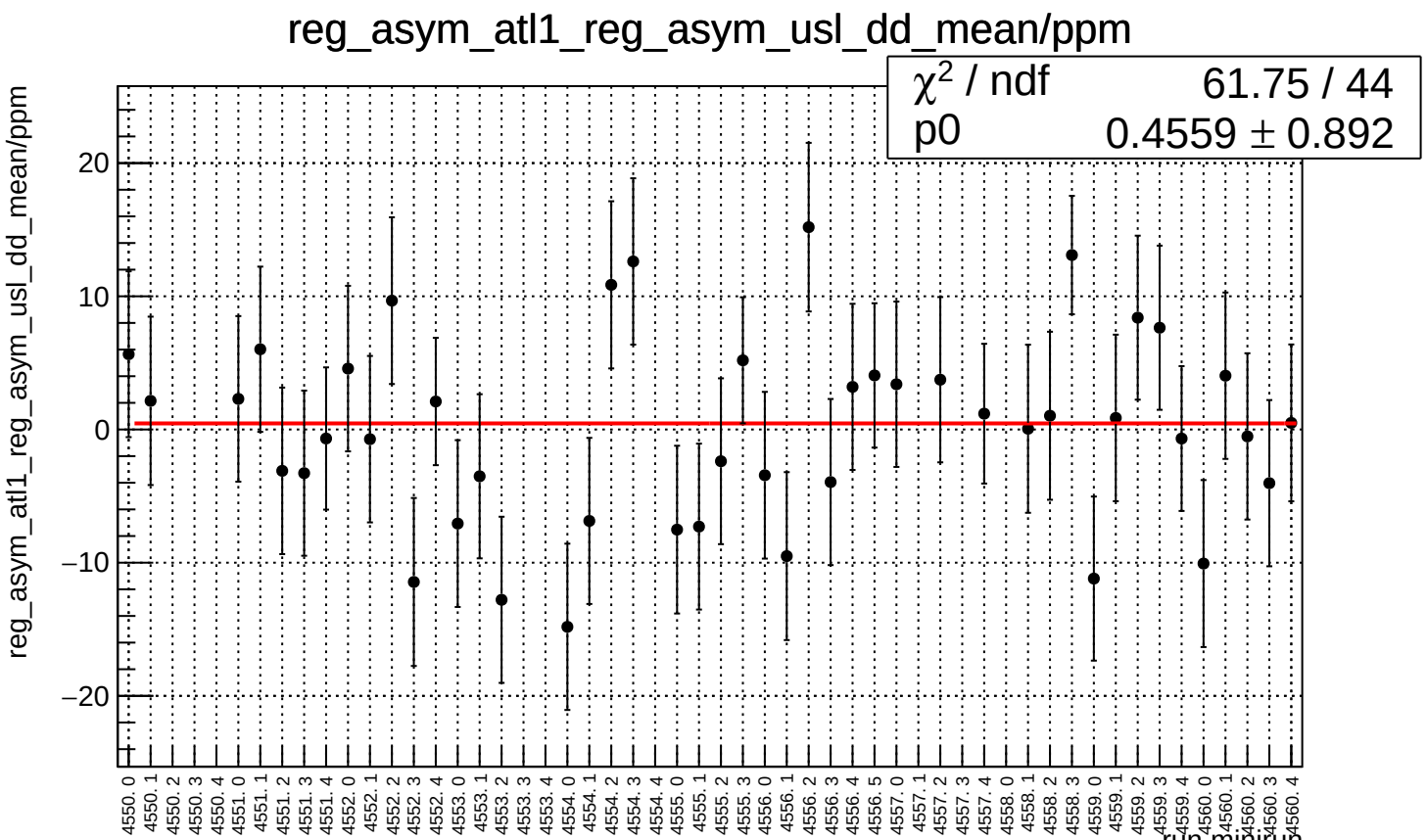

1D pull
hPull1D_6
Entries 45
Mean −0.02444
Std Dev 1.161

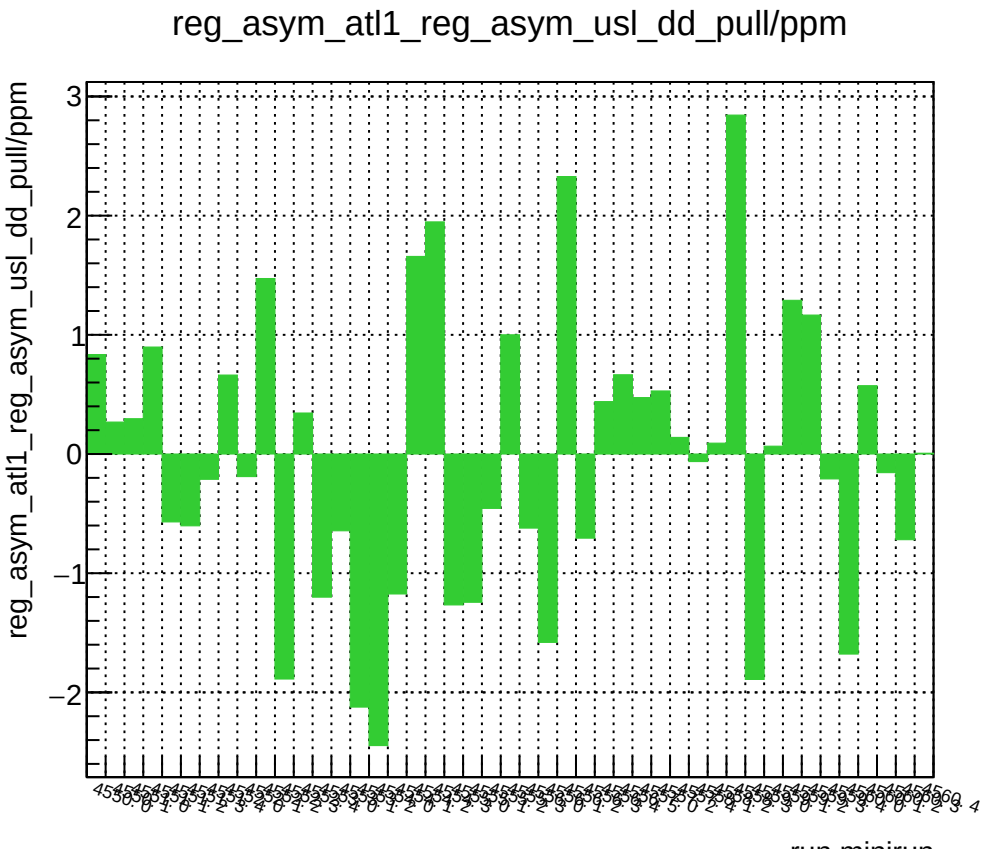

reg_asym_atl_dd_rms/ppm
χ2 / ndf 990.8 / 44
p0 341.4 ± 0.7074
reg_asym_atl_dd_rms/ppm
352
350
348
346
344
342
340
338
336
334
332
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

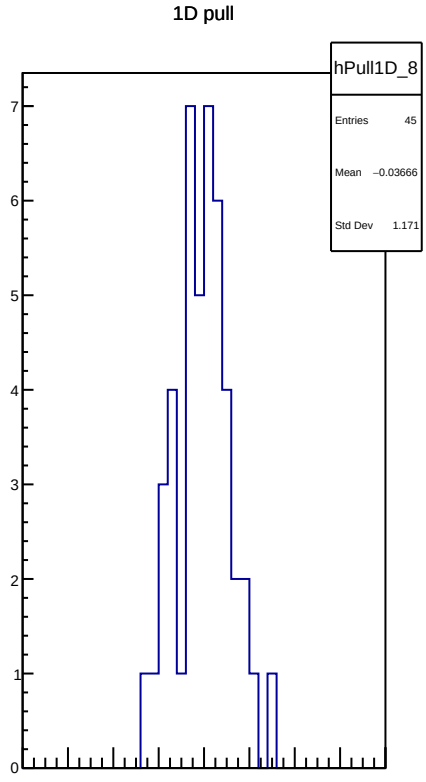

reg_asym_atl_avg_mean/ppm
χ² / ndf 49.8 / 44
p0 –0.1576 ± 0.5897
reg_asym_atl_avg_mean/ppm
run.minirun

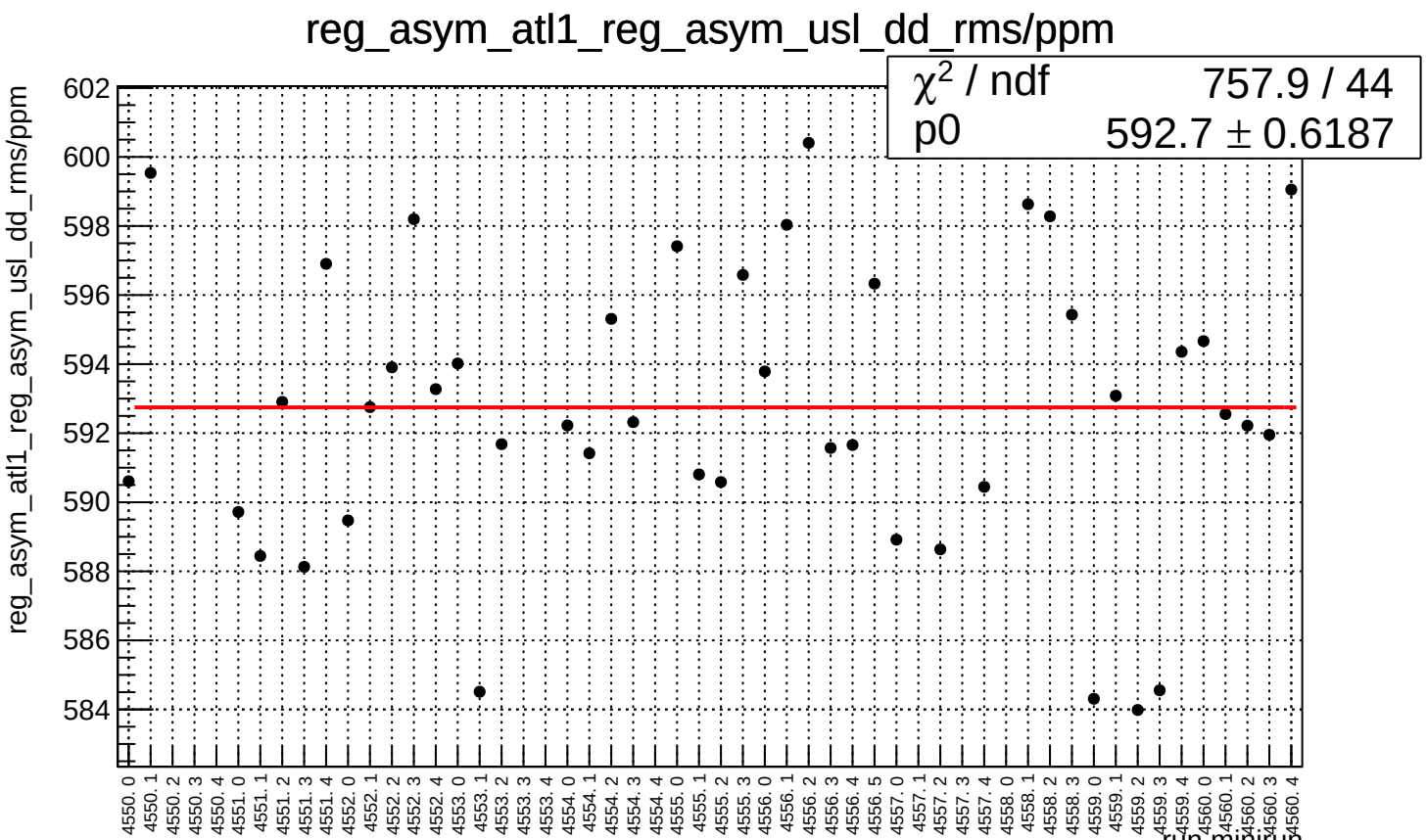

reg_asym_atl_avg_pull/ppm
reg_asym_atl_avg_pull/ppm
run.minirun
1D pull
hPull1D_7
Entries 45
Mean −0.0332
Std Dev 1.051

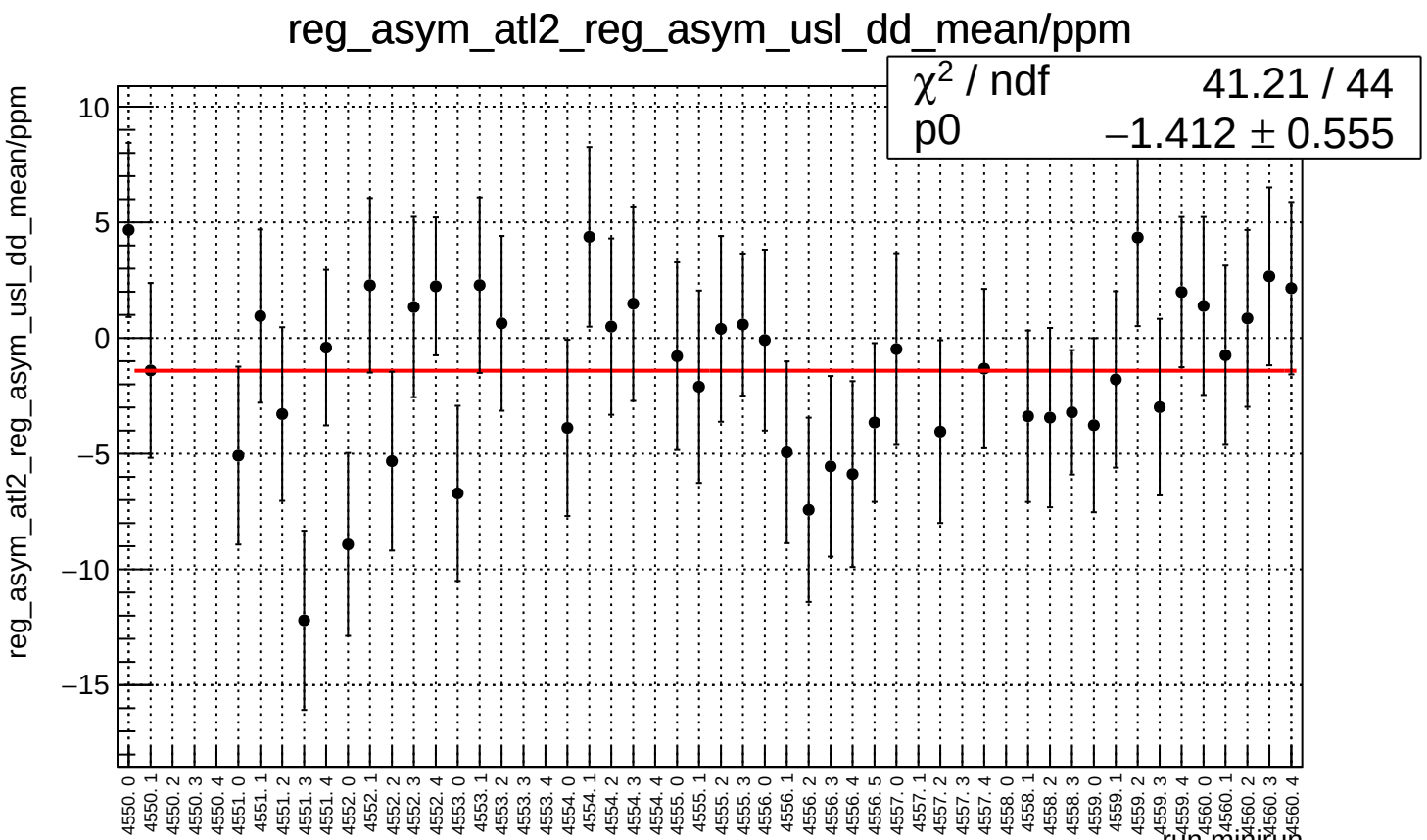

reg_asym_atl_avg_rms/ppm
χ2 / ndf 2190 / 44
p0 391.9 ± 1.052
reg_asym_atl_avg_rms/ppm
410
405
400
395
390
385
380
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

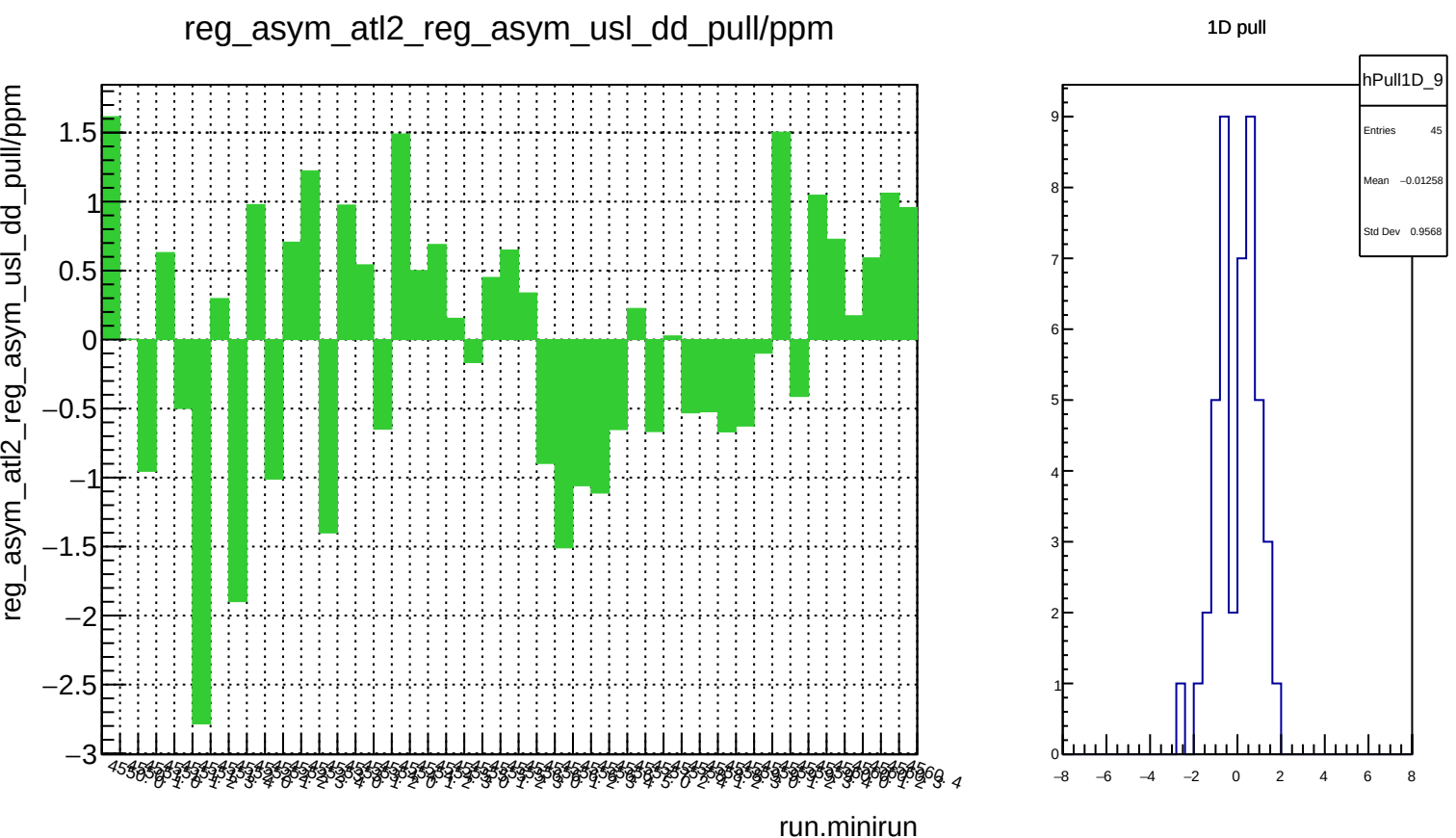

reg_asym_atl1_reg_asym_usl_dd_mean/ppm
χ2 / ndf 61.75 / 44
p0 0.4559 ± 0.892
reg_asym_atl1_reg_asym_usl_dd_mean/ppm
20
10
0
−10
−20
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

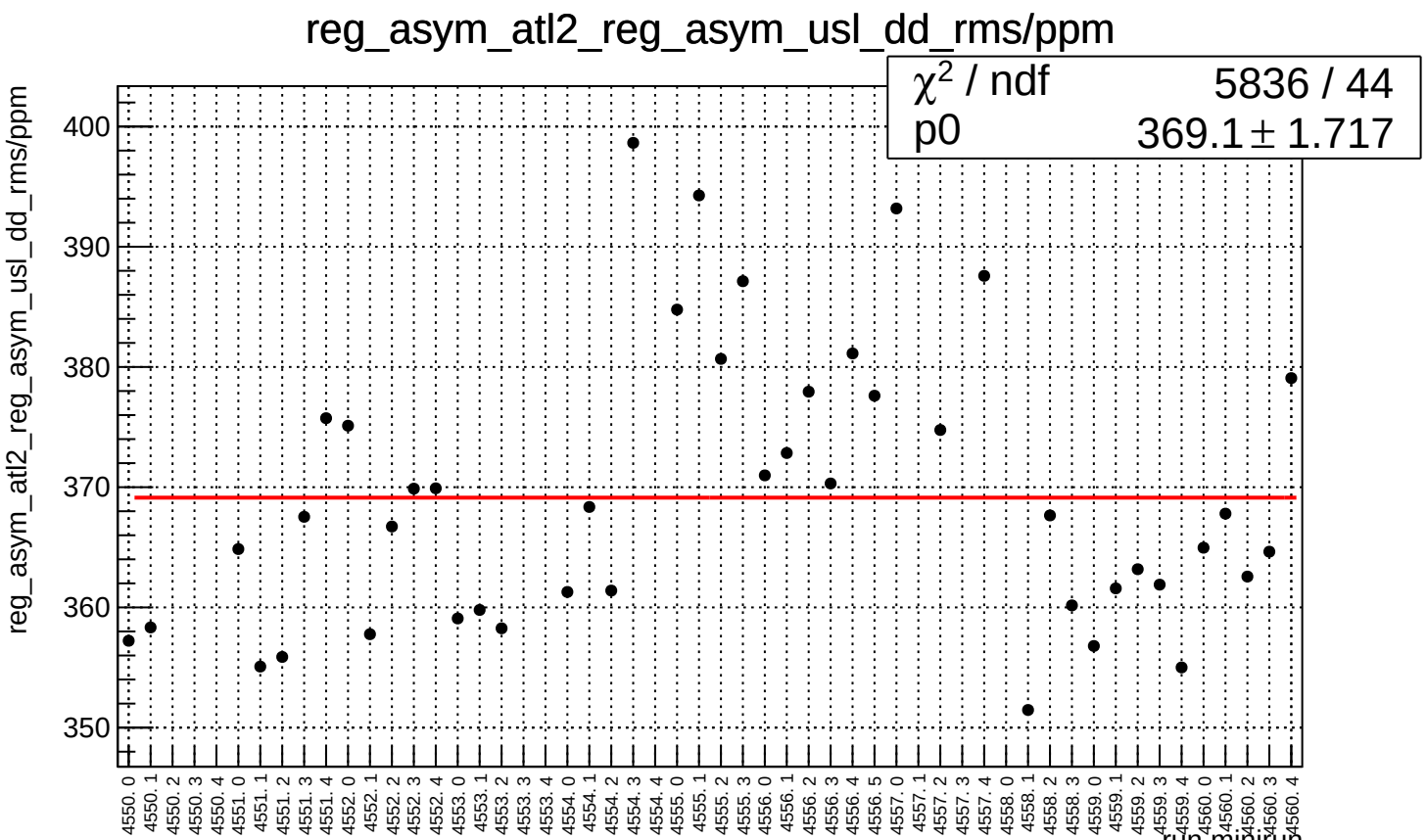

reg_asym_atl1_reg_asym_usl_dd_pull/ppm
reg_asym_atl1_reg_asym_usl_dd_pull/ppm
run.minirun

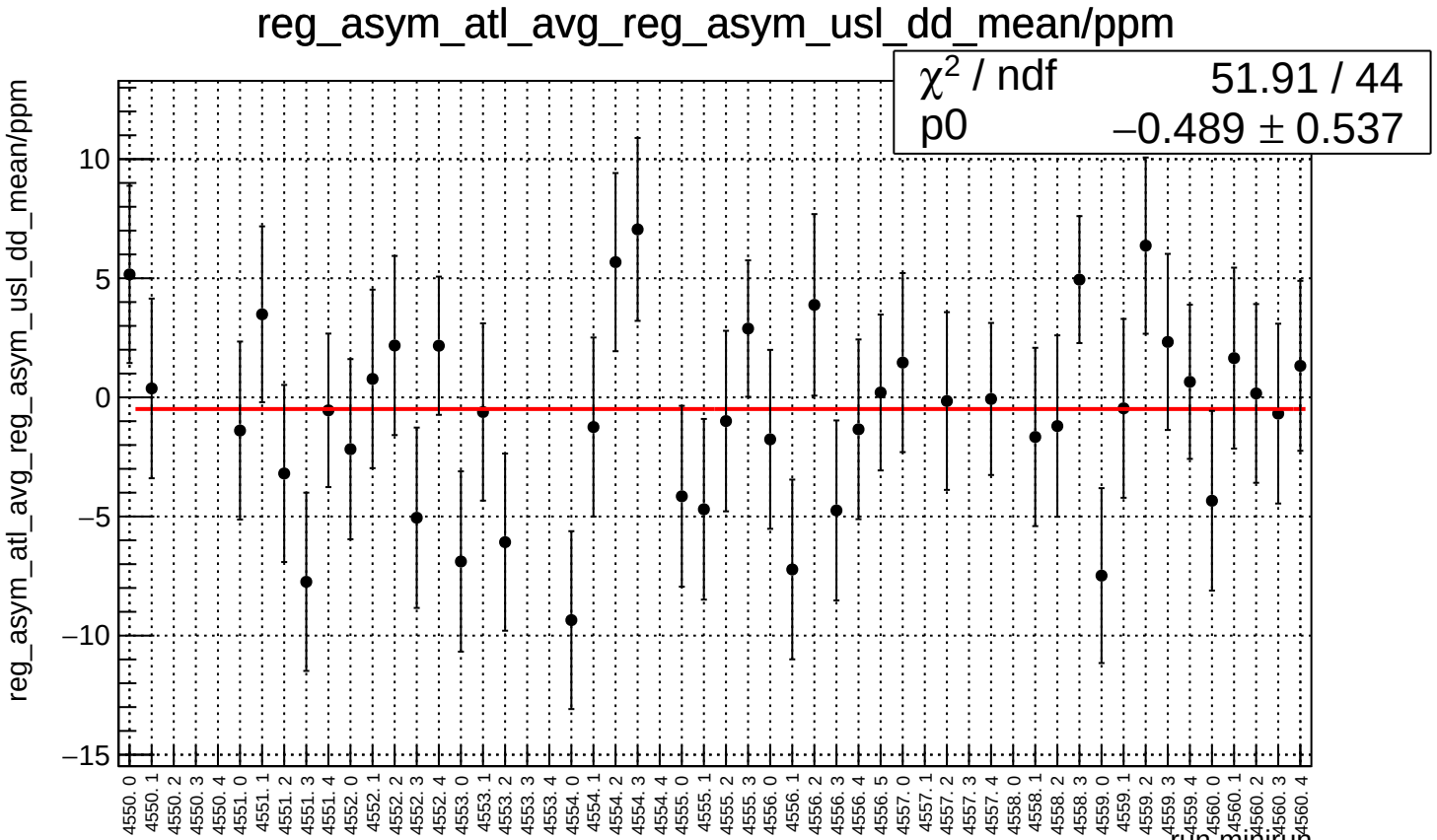

1D pull
hPull1D_8
Entries 45
Mean −0.03666
Std Dev 1.171

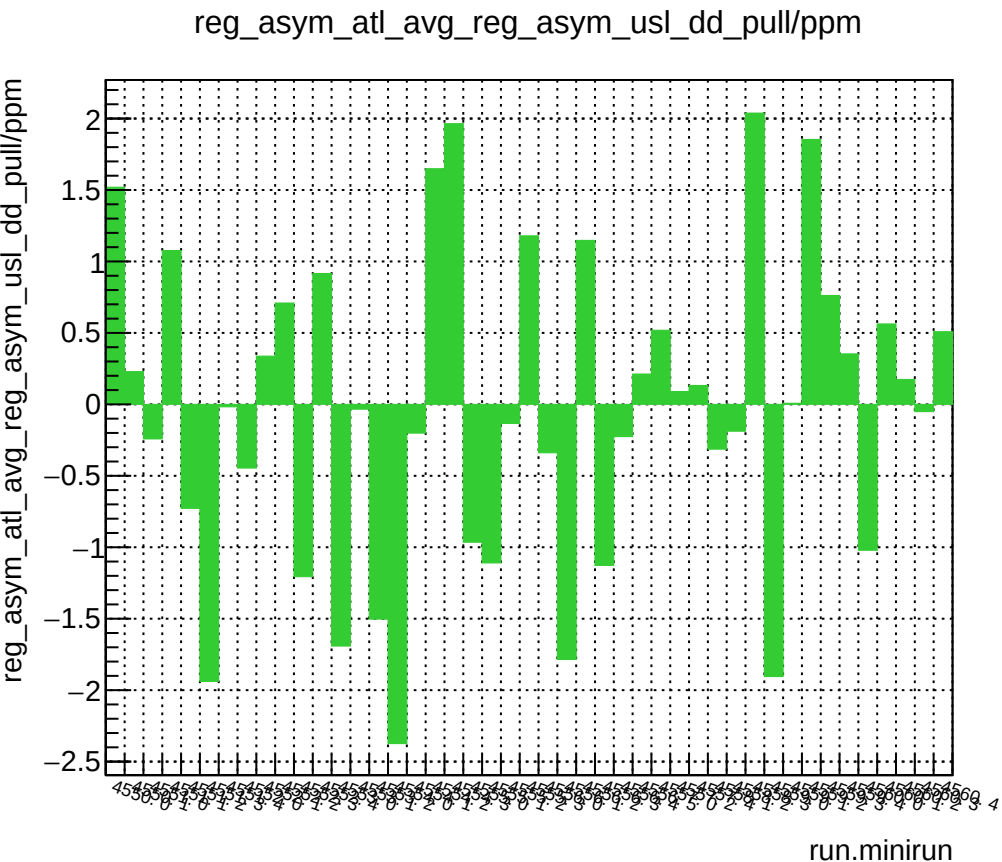

reg_asym_atl1_reg_asym_usl_dd_rms/ppm
χ2 / ndf 757.9 / 44
p0 592.7 ± 0.6187
reg_asym_atl1_reg_asym_usl_dd_rms/ppm
602
600
598
596
594
592
590
588
586
584
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

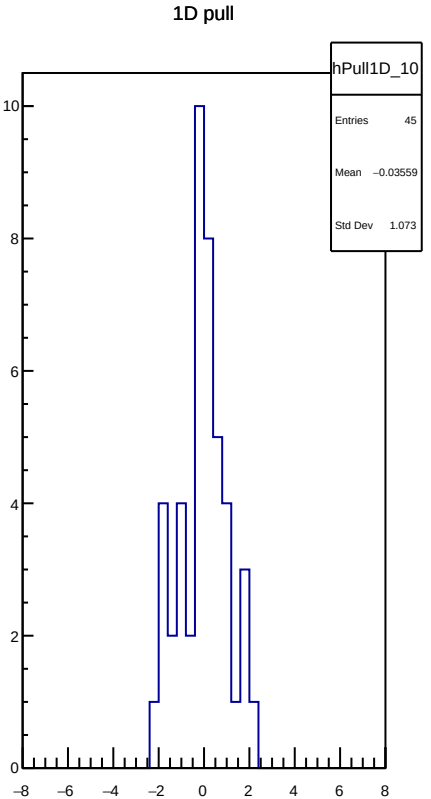

reg_asym_atl2_reg_asym_usl_dd_mean/ppm
χ2 / ndf 41.21 / 44
p0 −1.412 ± 0.555
reg_asym_atl2_reg_asym_usl_dd_mean/ppm
10
5
0
−5
−10
−15
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

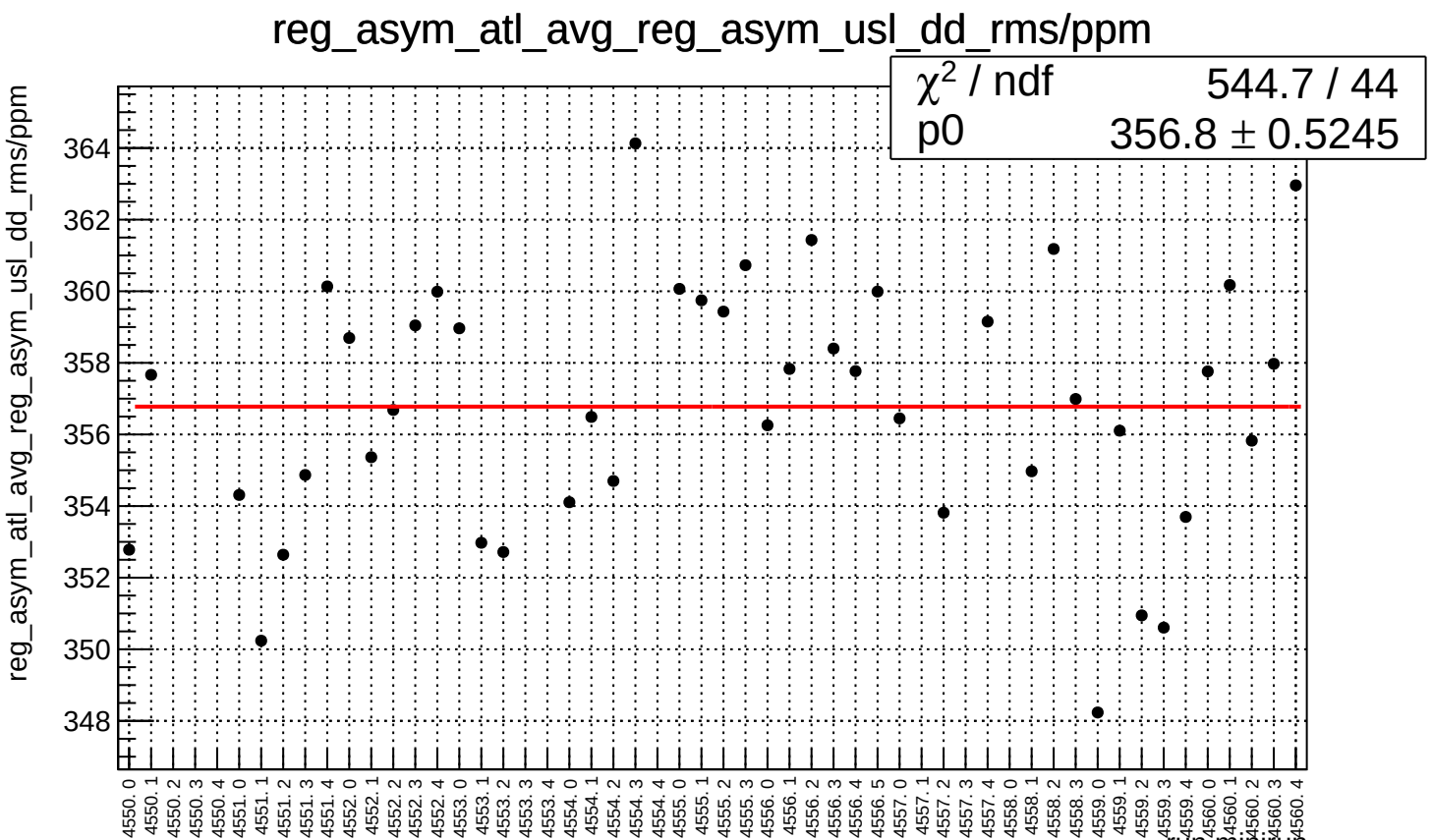

reg_asym_atl2_reg_asym_usl_dd_pull/ppm
reg_asym_atl2_reg_asym_usl_dd_pull/ppm
run.minirun
1D pull
hPull1D_9
Entries 45
Mean −0.01258
Std Dev 0.9568

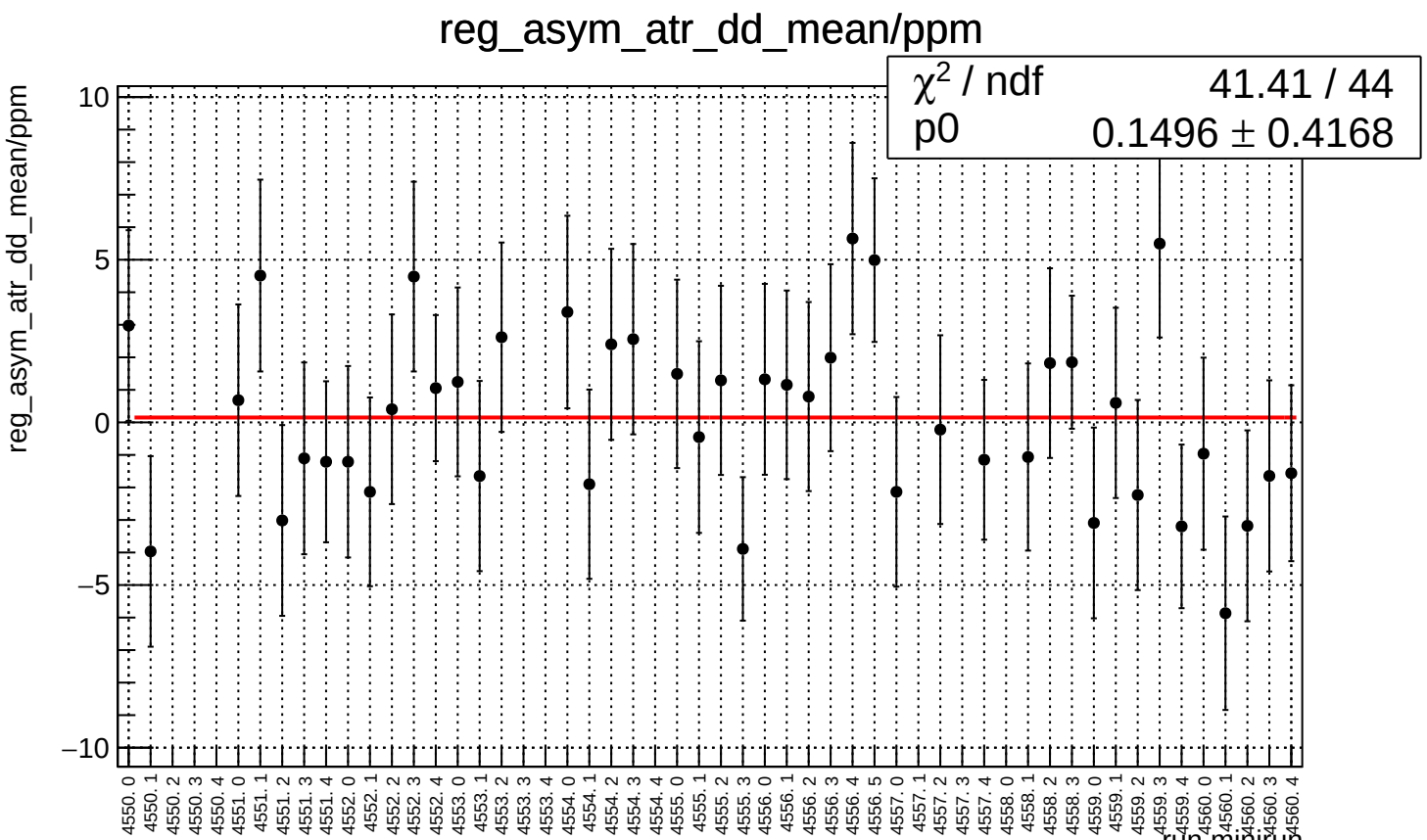

reg_asym_atl2_reg_asym_usl_dd_rms/ppm
χ2 / ndf 5836 / 44
p0 369.1 ± 1.717
reg_asym_atl2_reg_asym_usl_dd_rms/ppm
400
390
380
370
360
350
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

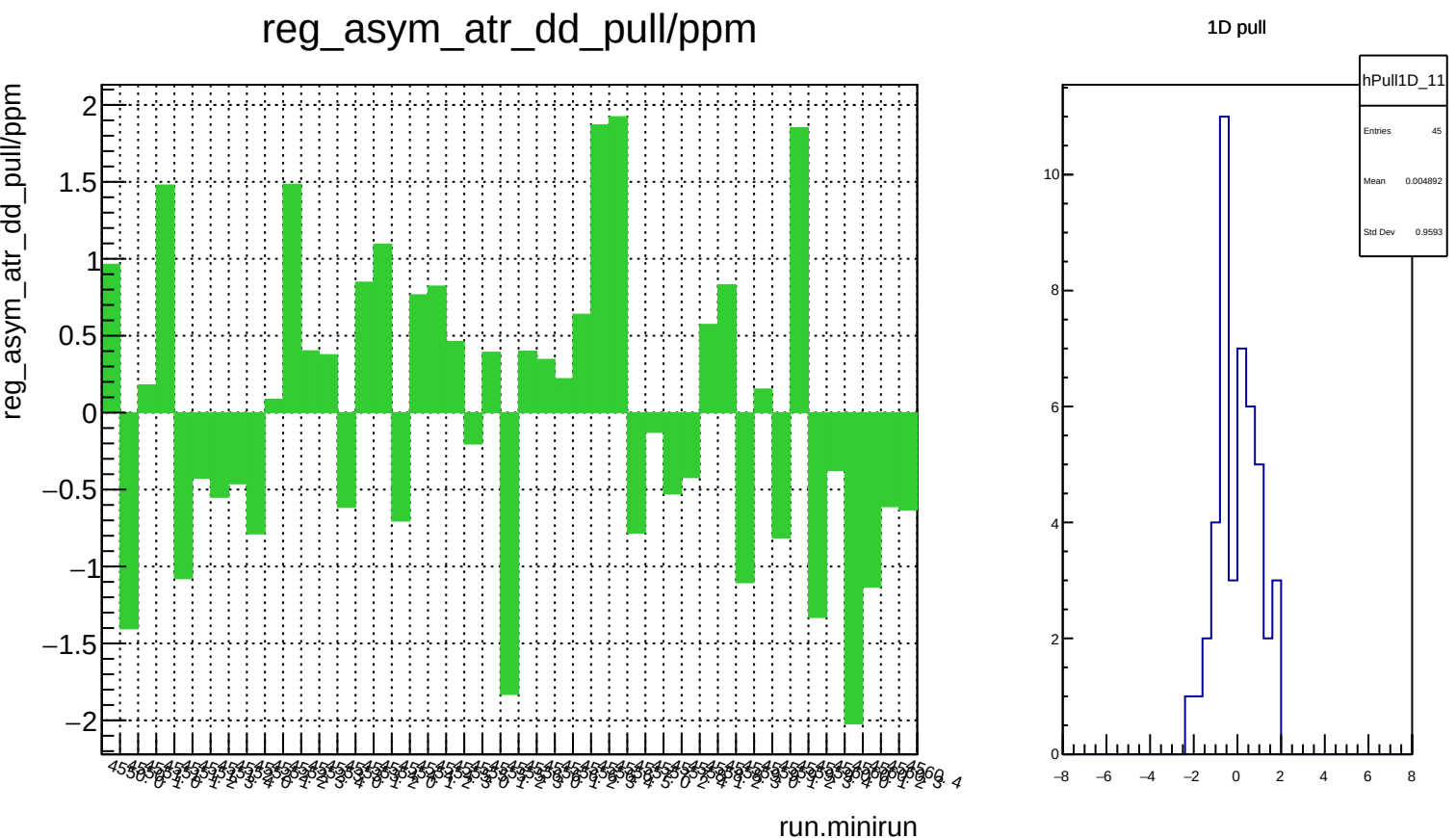

reg_asym_atl_avg_reg_asym_usl_dd_mean/ppm
χ2 / ndf 51.91 / 44
p0 –0.489 ± 0.537
reg_asym_atl_avg_reg_asym_usl_dd_mean/ppm
10
5
0
−5
−10
−15
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

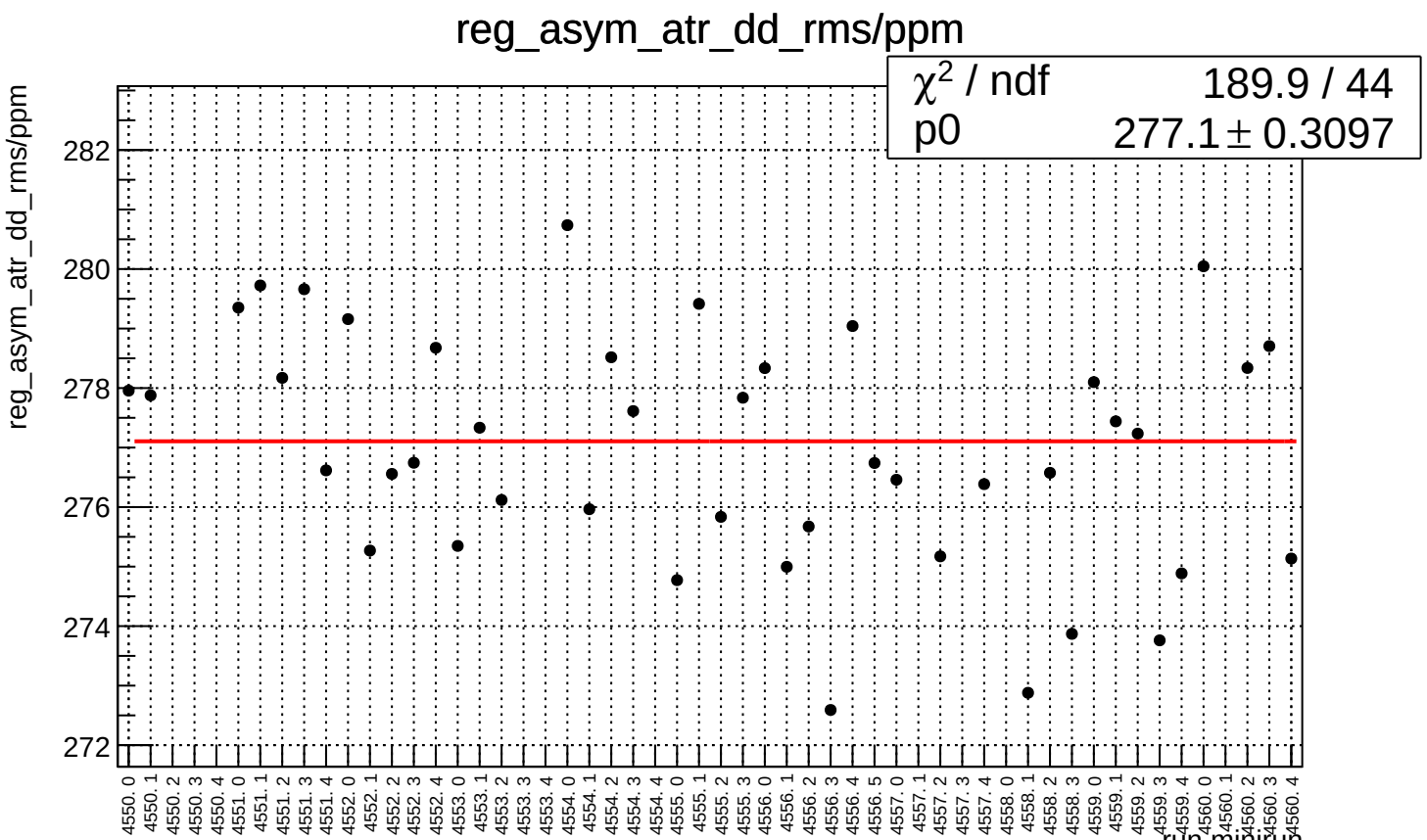

reg_asym_atl_avg_reg_asym_usl_dd_pull/ppm
reg_asym_atl_avg_reg_asym_usl_dd_pull/ppm
run.minirun

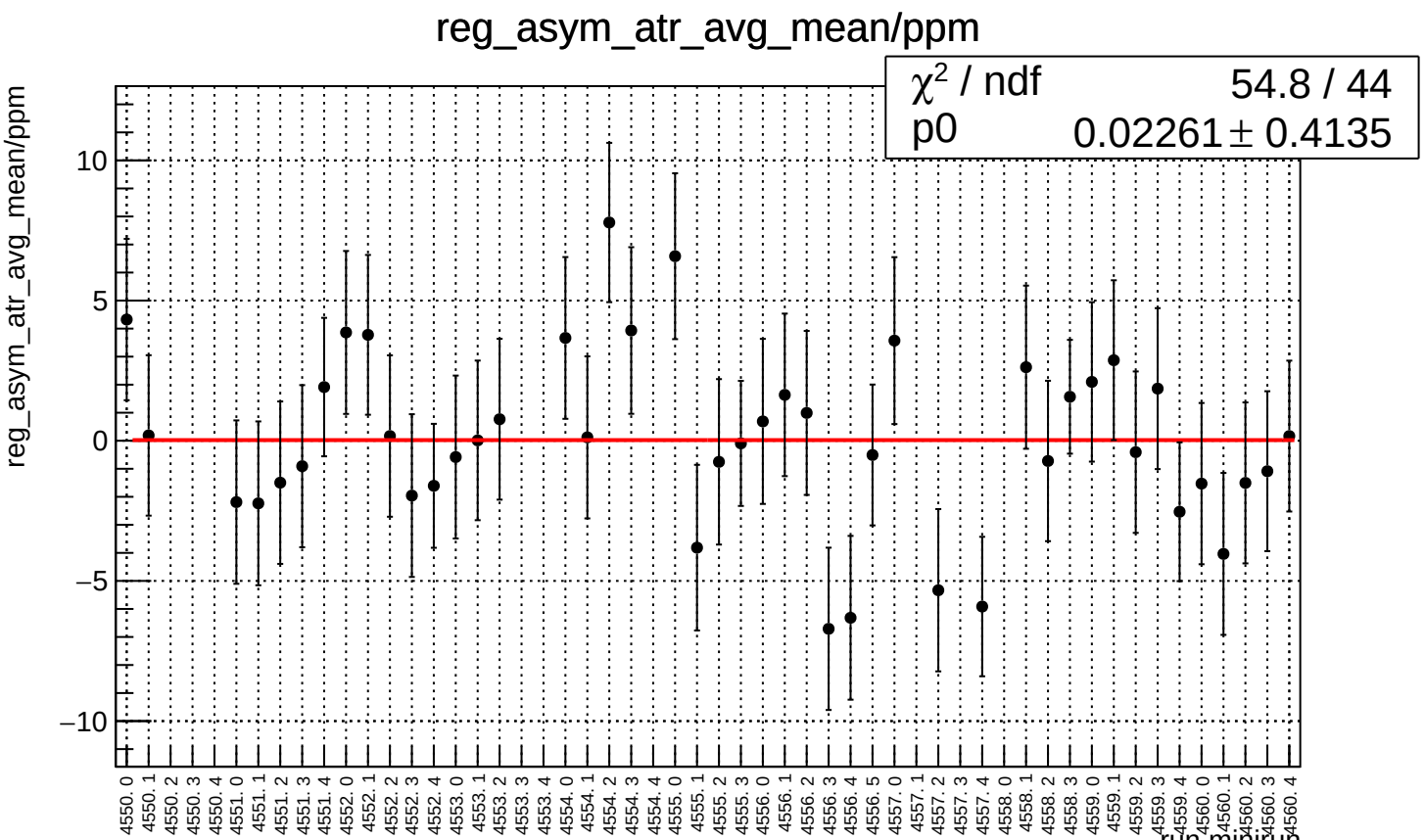

1D pull
hPull1D_10
Entries 45
Mean −0.03559
Std Dev 1.073

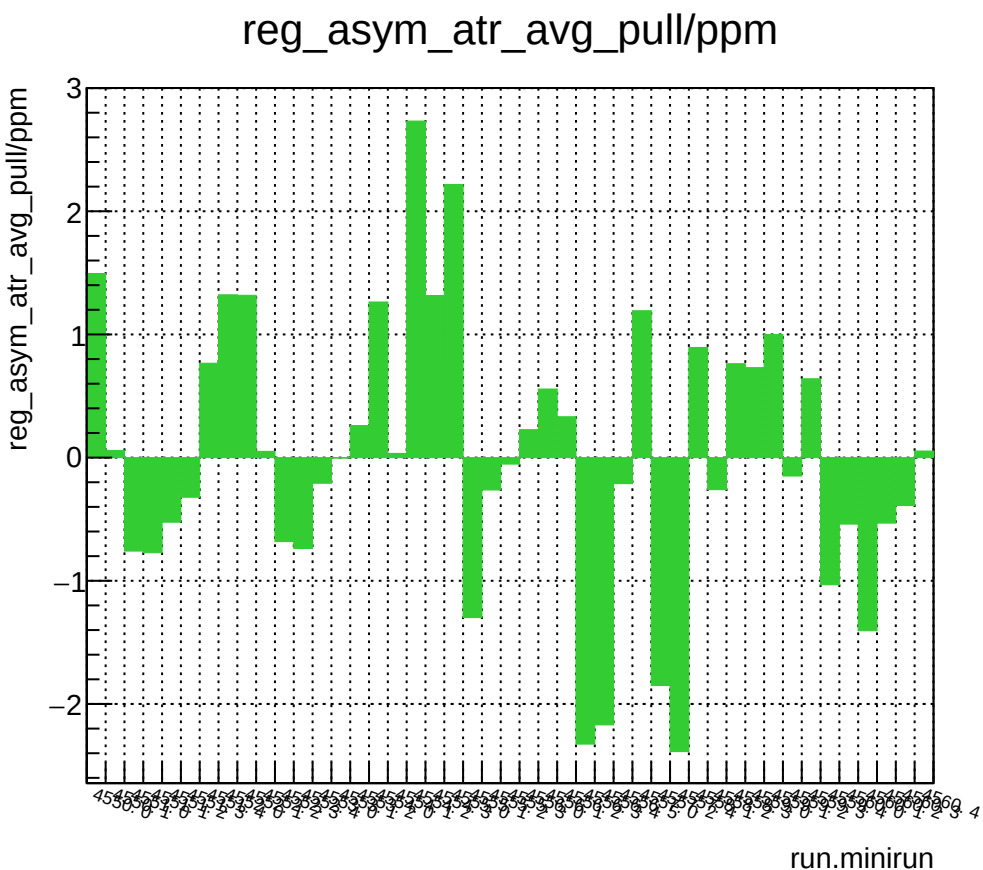

reg_asym_atl_avg_reg_asym_usl_dd_rms/ppm
χ2 / ndf 544.7 / 44
p0 356.8 ± 0.5245
reg_asym_atl_avg_reg_asym_usl_dd_rms/ppm
364
362
360
358
356
354
352
350
348
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

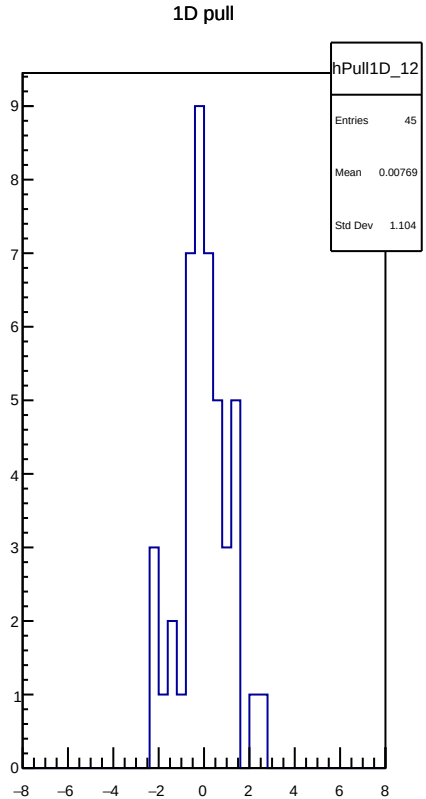

reg_asym_atr_dd_mean/ppm
χ2 / ndf 41.41 / 44
p0 0.1496 ± 0.4168
reg_asym_atr_dd_mean/ppm
10
5
0
−5
−10
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

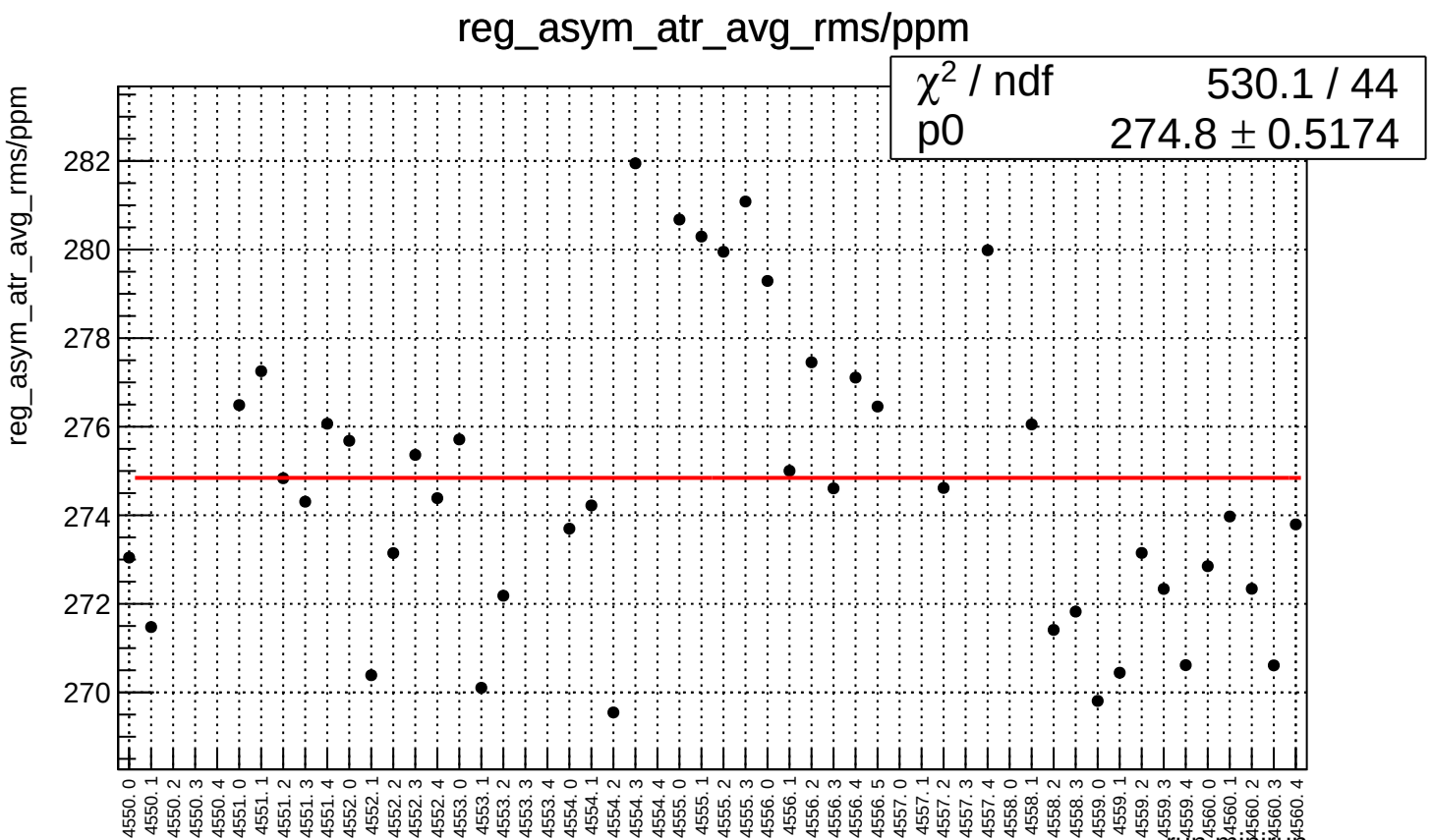

reg_asym_atr_dd_pull/ppm
reg_asym_atr_dd_pull/ppm
run.minirun
1D pull
hPull1D_11
Entries 45
Mean 0.004892
Std Dev 0.9593

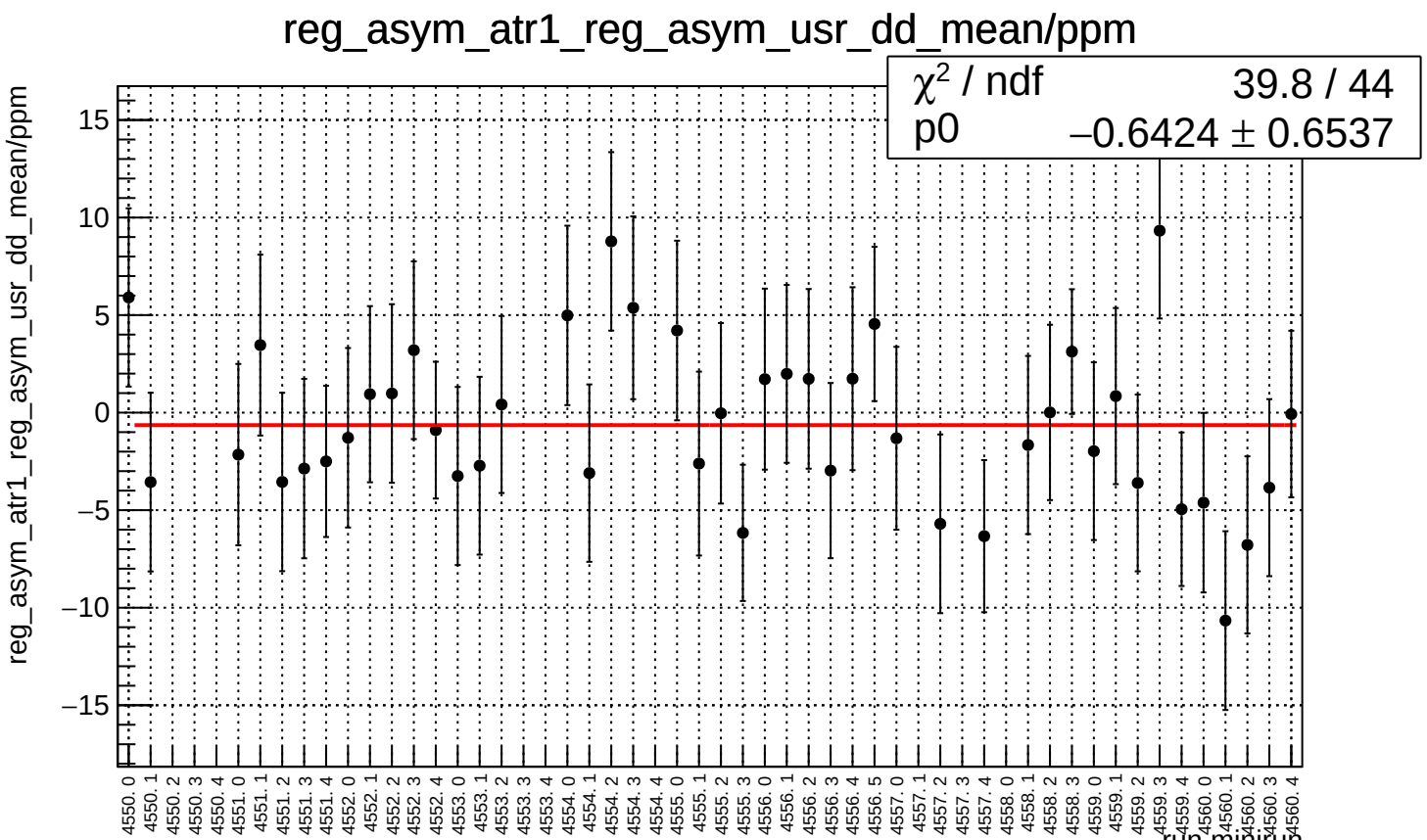

reg_asym_atr_dd_rms/ppm
χ2 / ndf 189.9 / 44
p0 277.1 ± 0.3097
reg_asym_atr_dd_rms/ppm
282
280
278
276
274
272
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

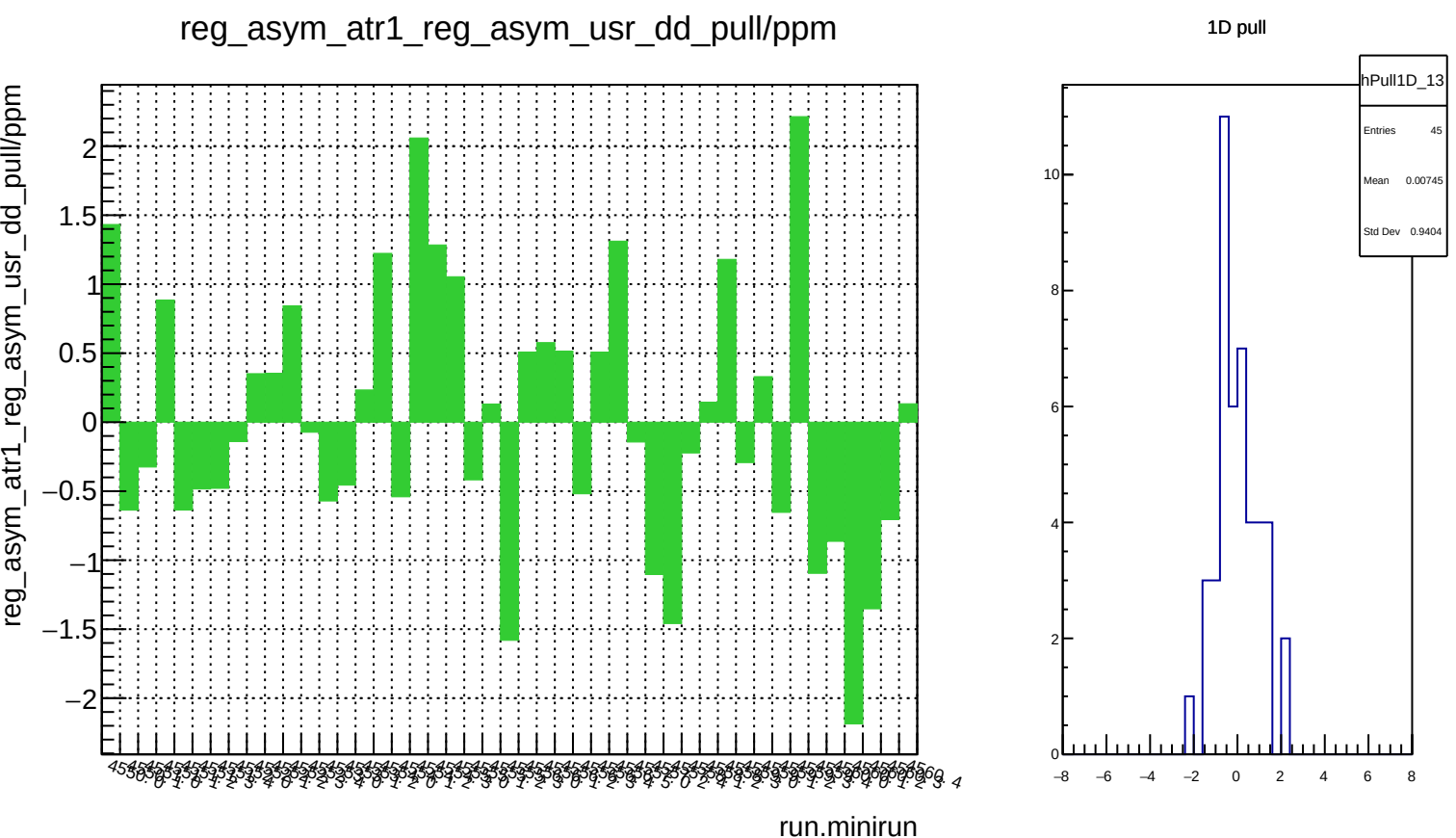

reg_asym_atr_avg_mean/ppm
χ² / ndf 54.8 / 44
p0 0.02261 ± 0.4135
reg_asym_atr_avg_mean/ppm
10
5
0
−5
−10
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

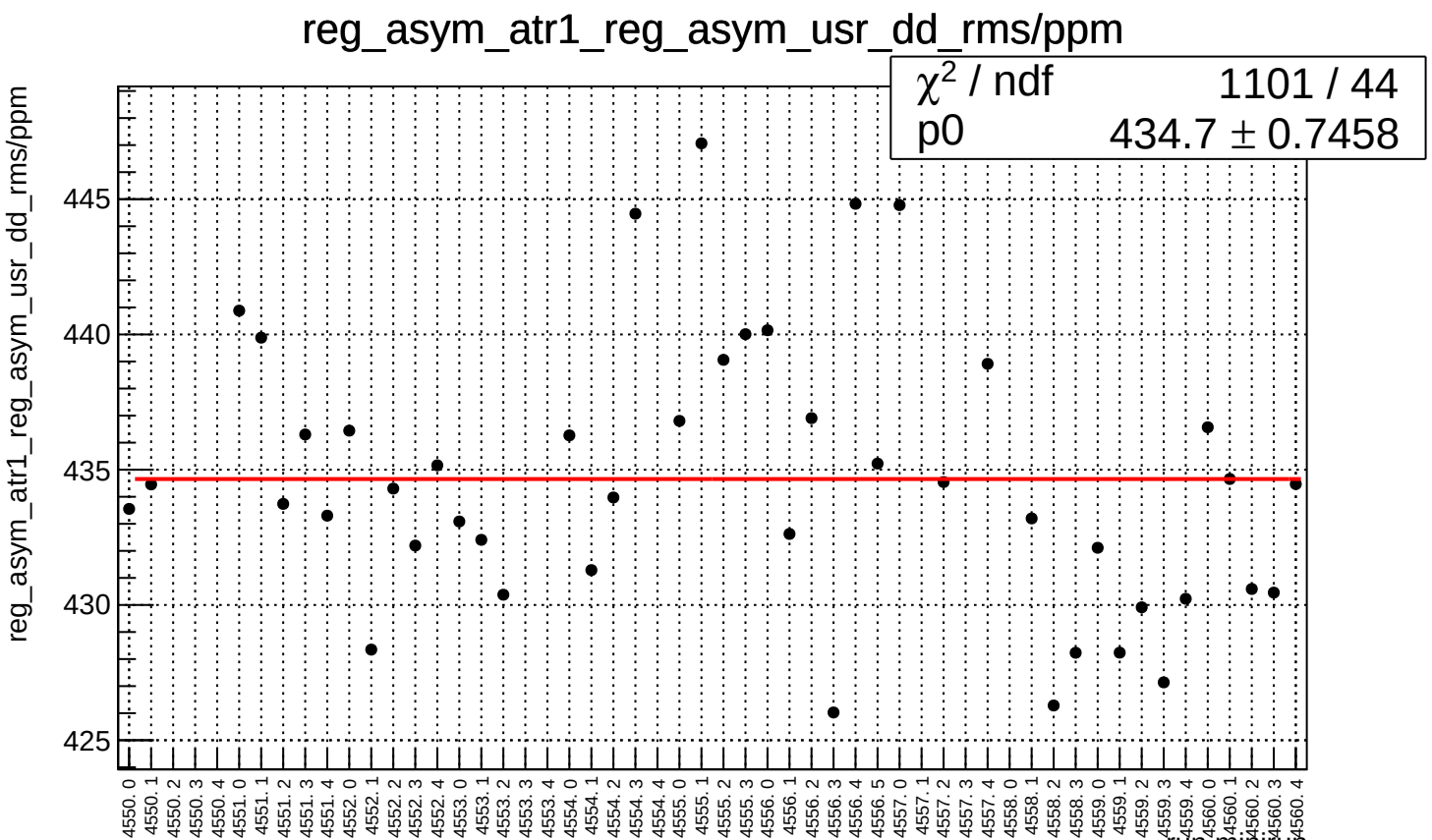

reg_asym_atr_avg_pull/ppm
reg_asym_atr_avg_pull/ppm
run.minirun

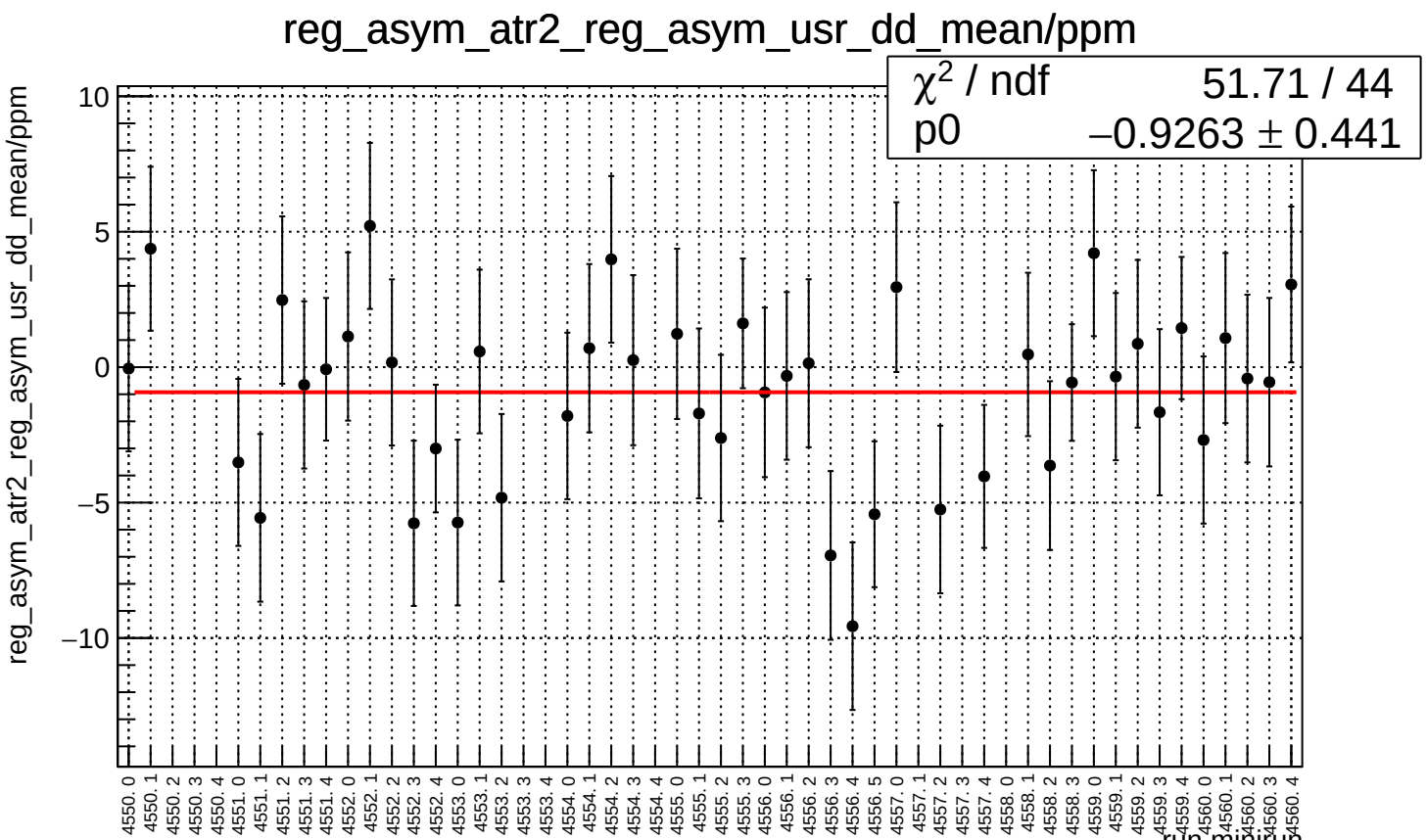

1D pull
hPull1D_12
Entries 45
Mean 0.00769
Std Dev 1.104

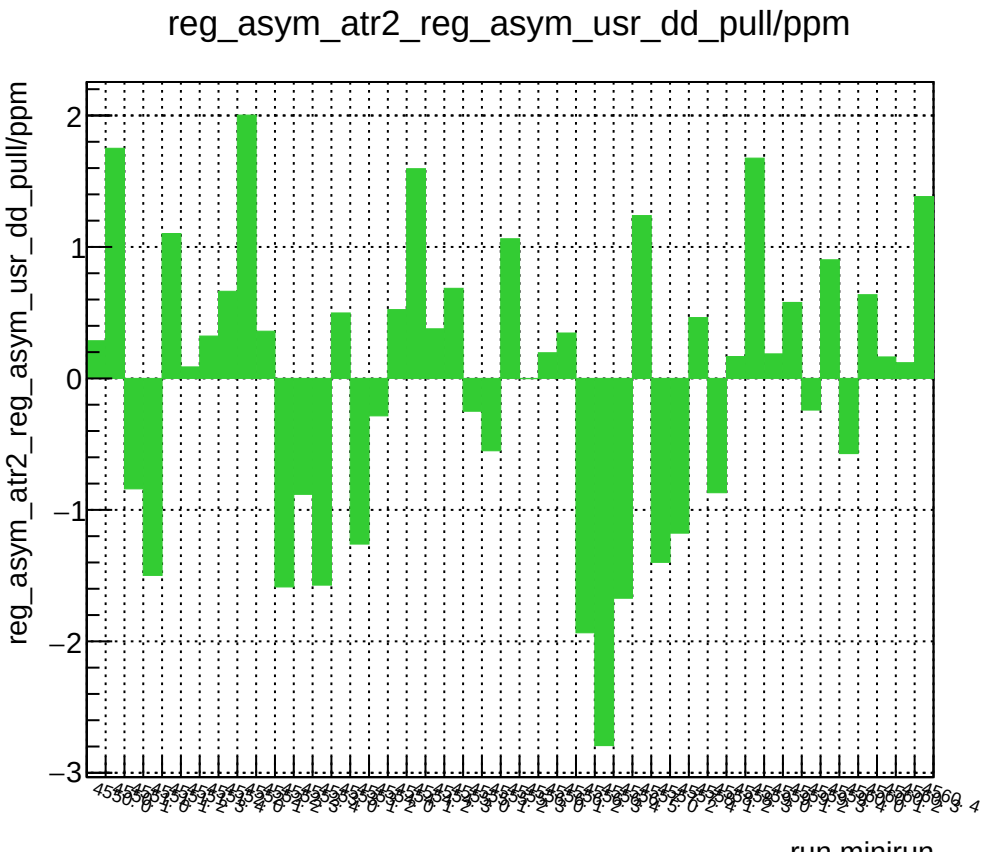

reg_asym_atr_avg_rms/ppm
χ2 / ndf 530.1 / 44
p0 274.8 ± 0.5174
reg_asym_atr_avg_rms/ppm
282
280
278
276
274
272
270
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

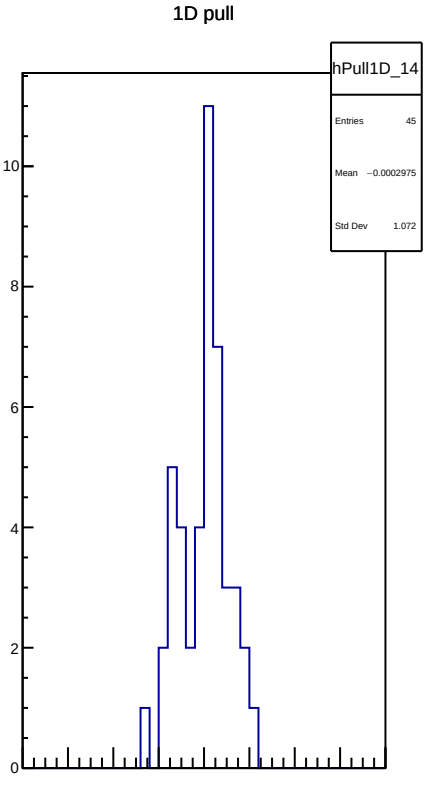

reg_asym_atr1_reg_asym_usr_dd_mean/ppm
χ² / ndf 39.8 / 44
p0 −0.6424 ± 0.6537
reg_asym_atr1_reg_asym_usr_dd_mean/ppm
15
10
5
0
−5
−10
−15
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

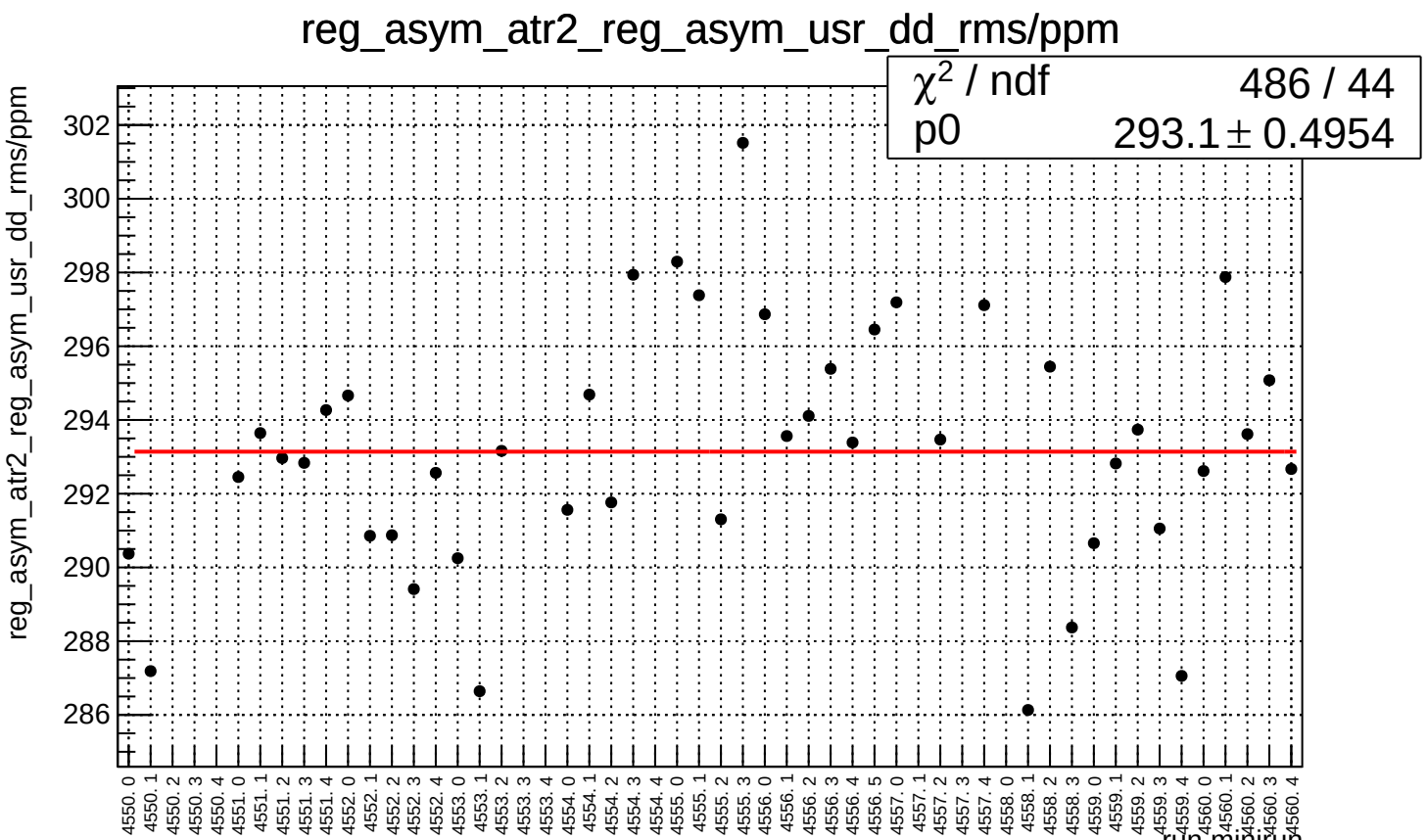

reg_asym_atr1_reg_asym_usr_dd_pull/ppm
reg_asym_atr1_reg_asym_usr_dd_pull/ppm
run.minirun
1D pull
hPull1D_13
Entries 45
Mean 0.00745
Std Dev 0.9404

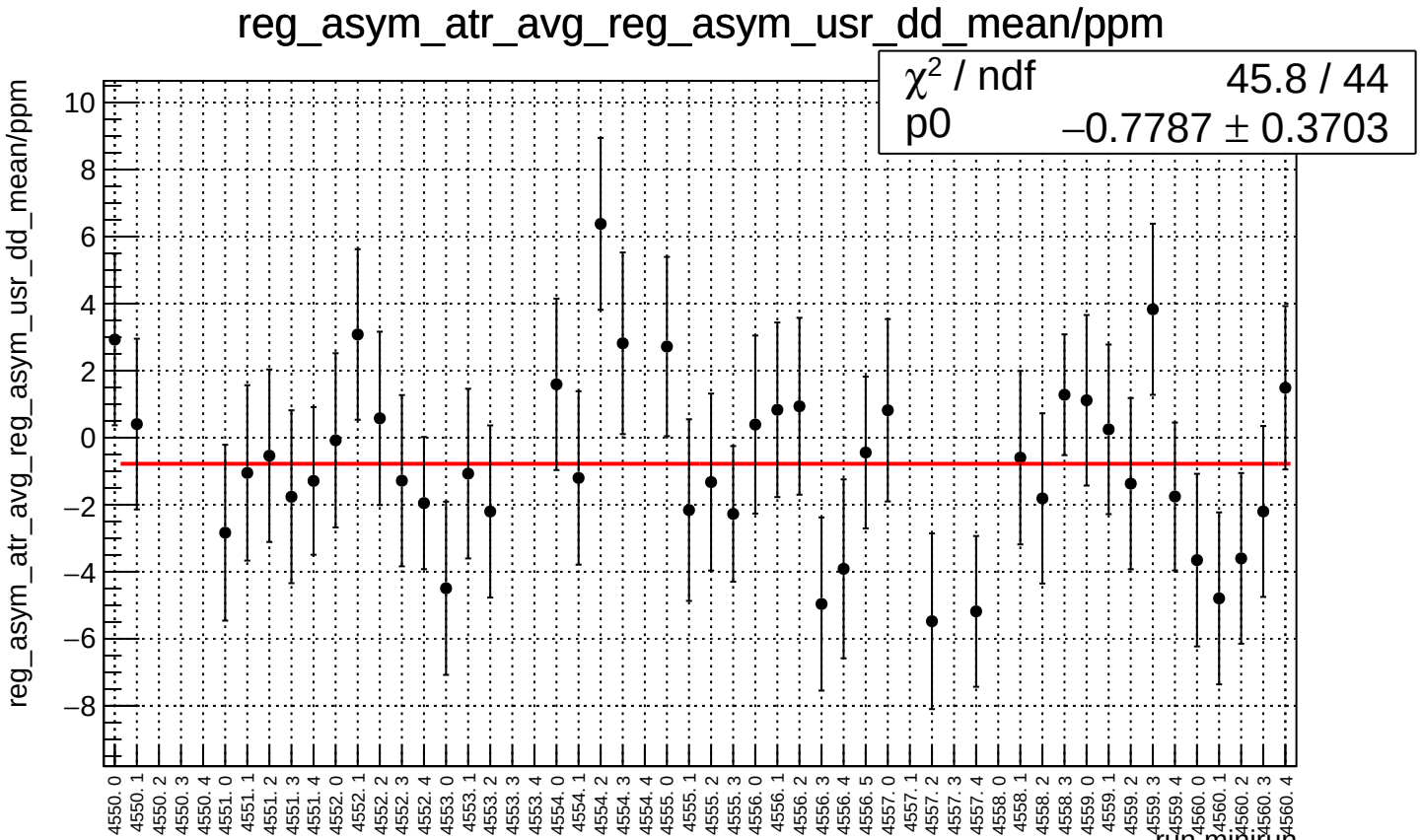

reg_asym_atr1_reg_asym_usr_dd_rms/ppm
χ2 / ndf 1101 / 44
p0 434.7 ± 0.7458
reg_asym_atr1_reg_asym_usr_dd_rms/ppm
445
440
435
430
425
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

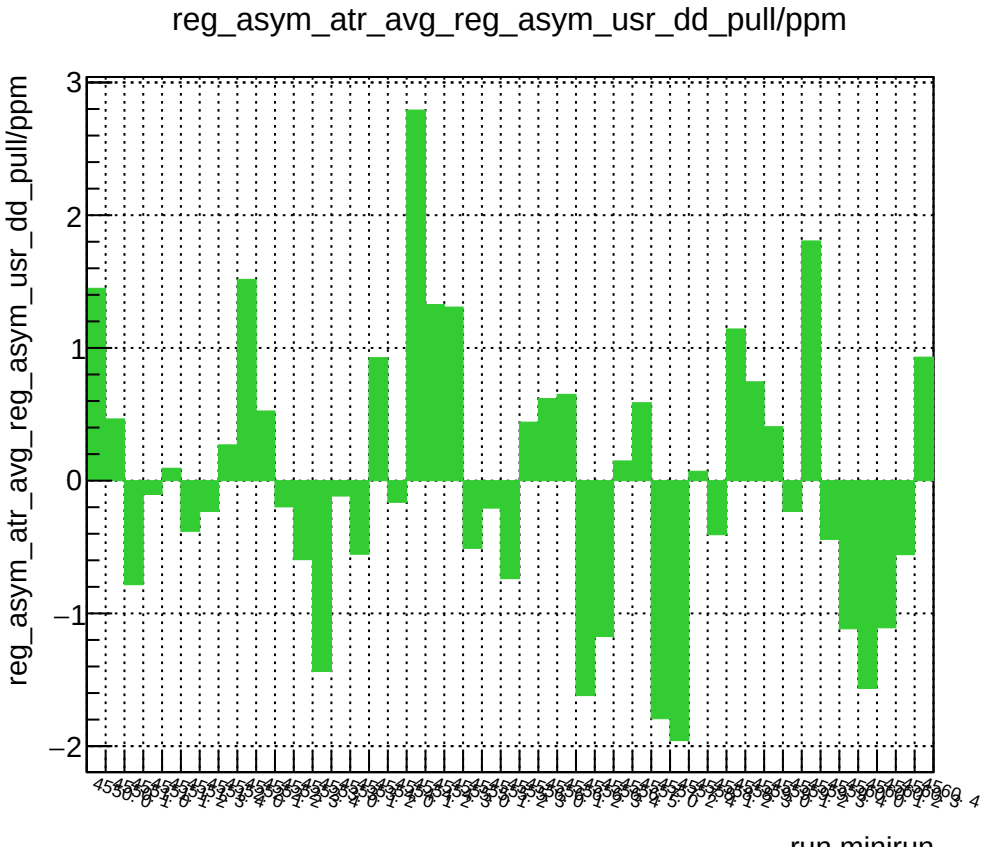

reg_asym_atr2_reg_asym_usr_dd_mean/ppm
χ2 / ndf 51.71 / 44
p0 −0.9263 ± 0.441
reg_asym_atr2_reg_asym_usr_dd_mean/ppm
10
5
0
−5
−10
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun

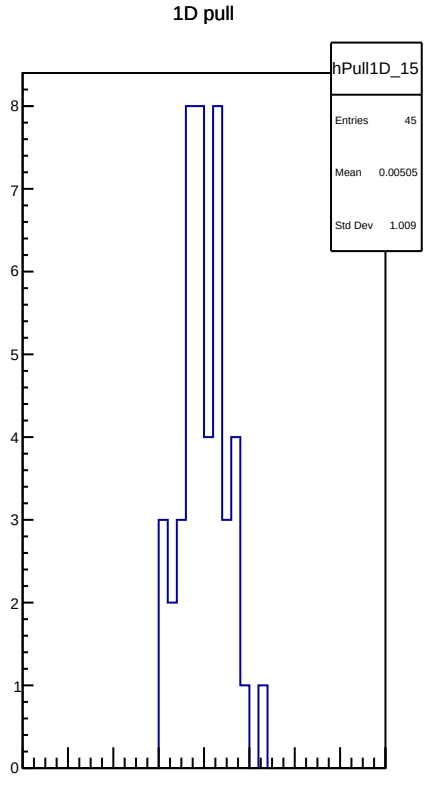

reg_asym_atr2_reg_asym_usr_dd_pull/ppm
reg_asym_atr2_reg_asym_usr_dd_pull/ppm
run.minirun

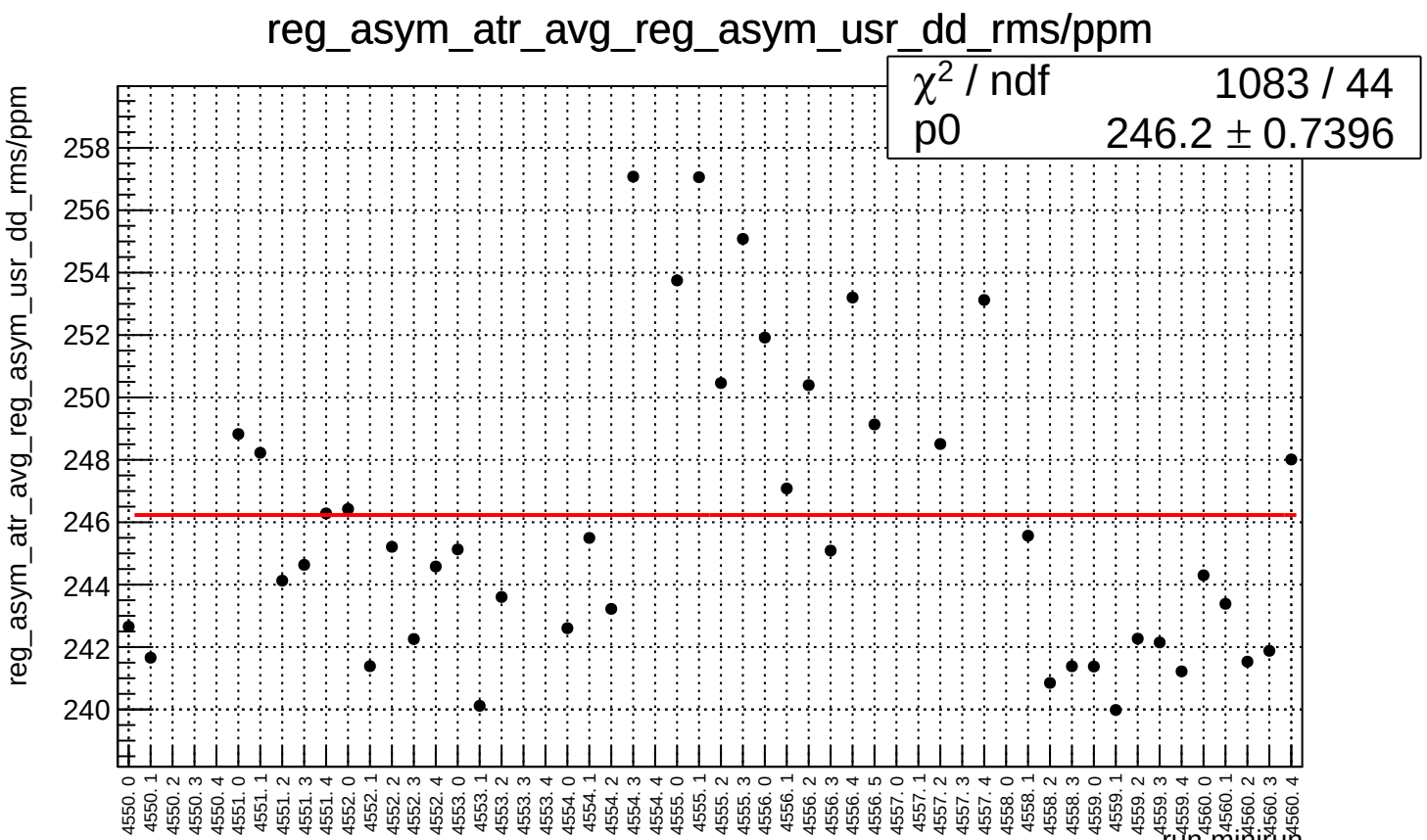

1D pull
hPull1D_14
Entries 45
Mean −0.0002975
Std Dev 1.072


reg_asym_atr2_reg_asym_usr_dd_rms/ppm
χ2 / ndf 486 / 44
p0 293.1 ± 0.4954
reg_asym_atr2_reg_asym_usr_dd_rms/ppm
302
300
298
296
294
292
290
288
286
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun


reg_asym_atr_avg_reg_asym_usr_dd_mean/ppm
χ² / ndf 45.8 / 44
p0 –0.7787 ± 0.3703
reg_asym_atr_avg_reg_asym_usr_dd_mean/ppm
10
8
6
4
2
0
−2
−4
−6
−8
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun


reg_asym_atr_avg_reg_asym_usr_dd_pull/ppm
reg_asym_atr_avg_reg_asym_usr_dd_pull/ppm
run.minirun


1D pull
hPull1D_15
Entries 45
Mean 0.00505
Std Dev 1.009


reg_asym_atr_avg_reg_asym_usr_dd_rms/ppm
χ2 / ndf 1083 / 44
p0 246.2 ± 0.7396
reg_asym_atr_avg_reg_asym_usr_dd_rms/ppm
258
256
254
252
250
248
246
244
242
240
4550. 0
4550. 1
4550. 2
4550. 3
4550. 4
4551. 0
4551. 1
4551. 2
4551. 3
4551. 4
4552. 0
4552. 1
4552. 2
4552. 3
4552. 4
4553. 0
4553. 1
4553. 2
4553. 3
4553. 4
4554. 0
4554. 1
4554. 2
4554. 3
4554. 4
4555. 0
4555. 1
4555. 2
4555. 3
4556. 0
4556. 1
4556. 2
4556. 3
4556. 4
4556. 5
4557. 0
4557. 1
4557. 2
4557. 3
4557. 4
4558. 0
4558. 1
4558. 2
4558. 3
4559. 0
4559. 1
4559. 2
4559. 3
4559. 4
4560. 0
4560. 1
4560. 2
4560. 3
4560. 4
run.minirun