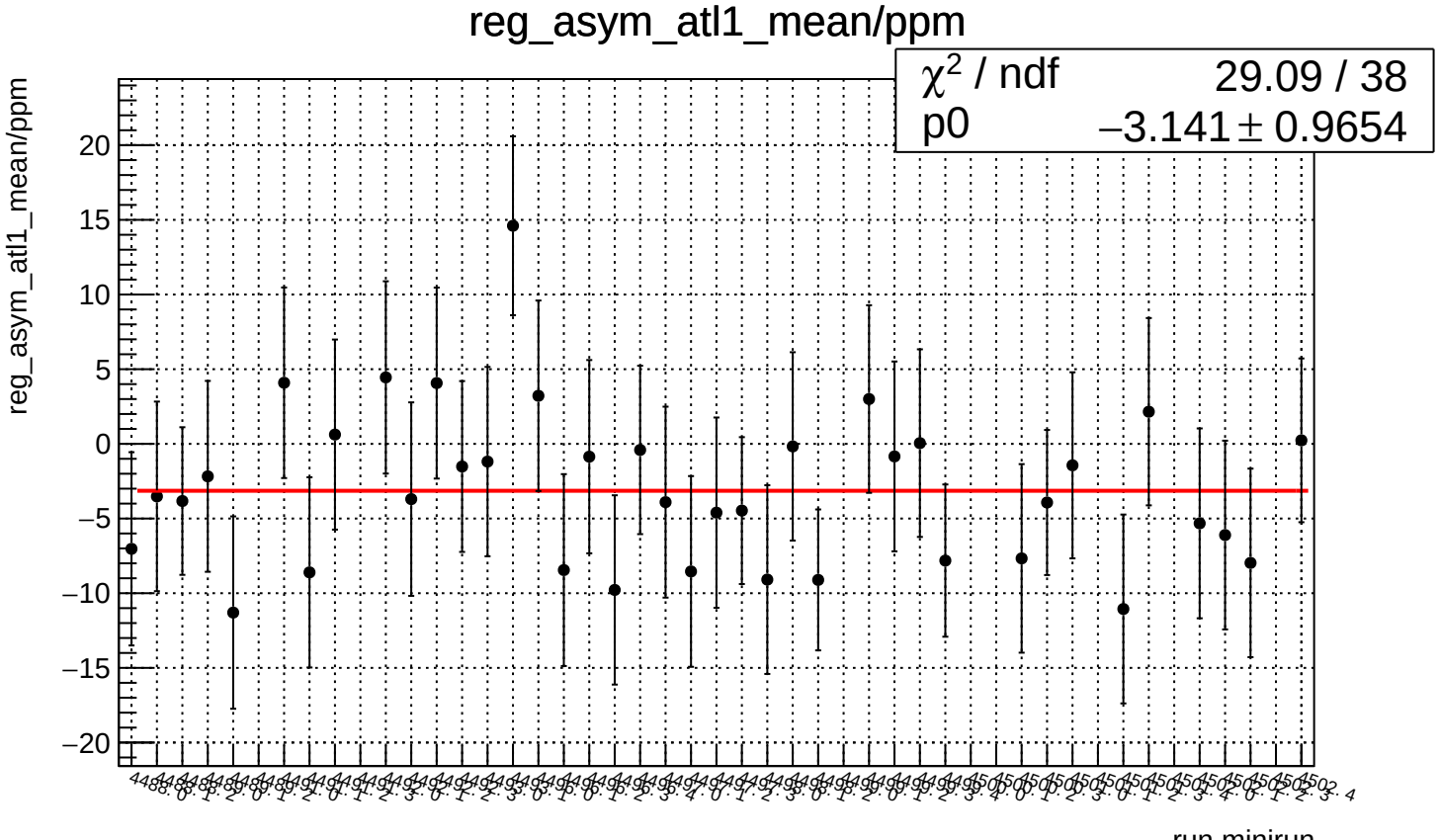
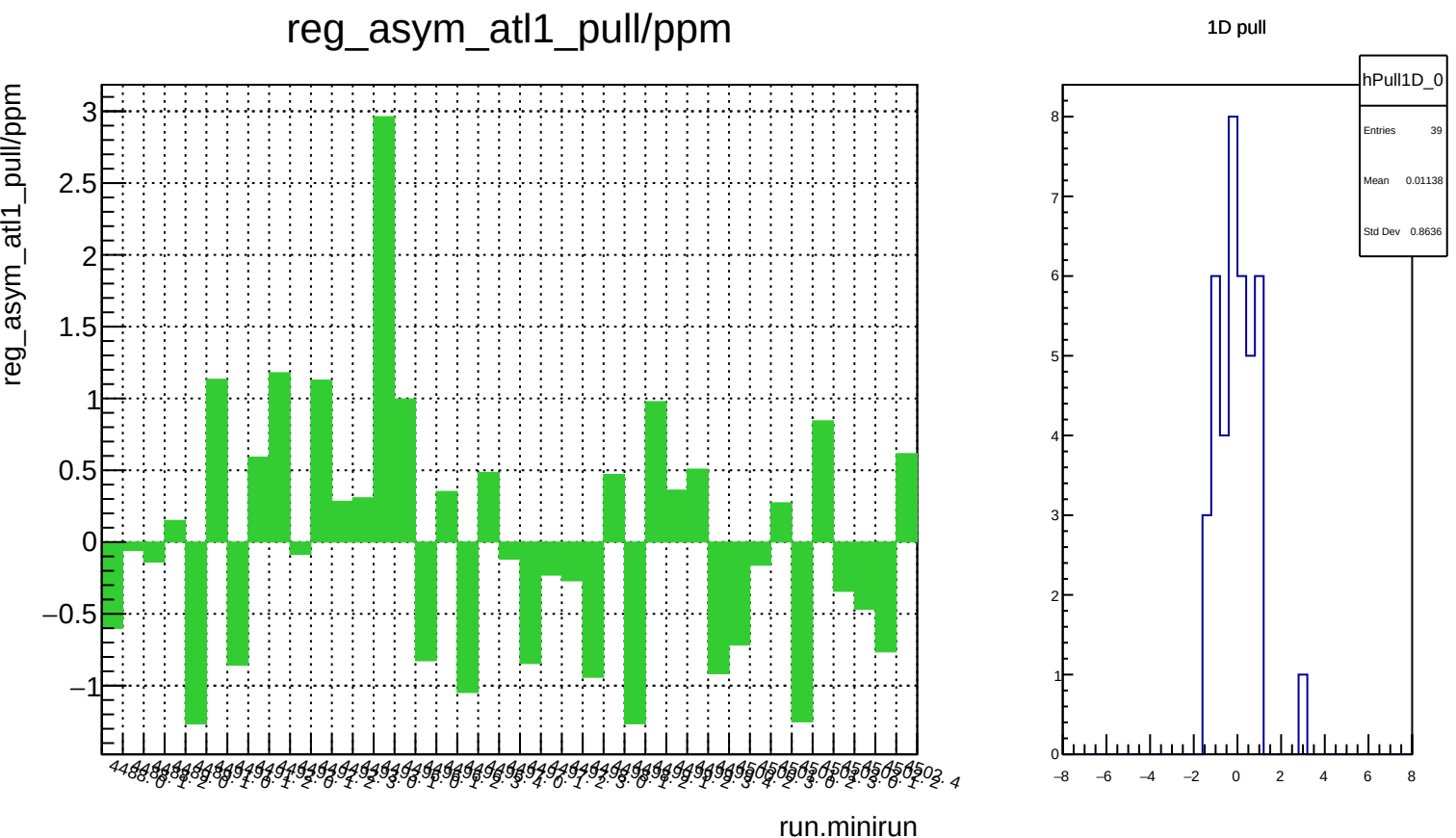
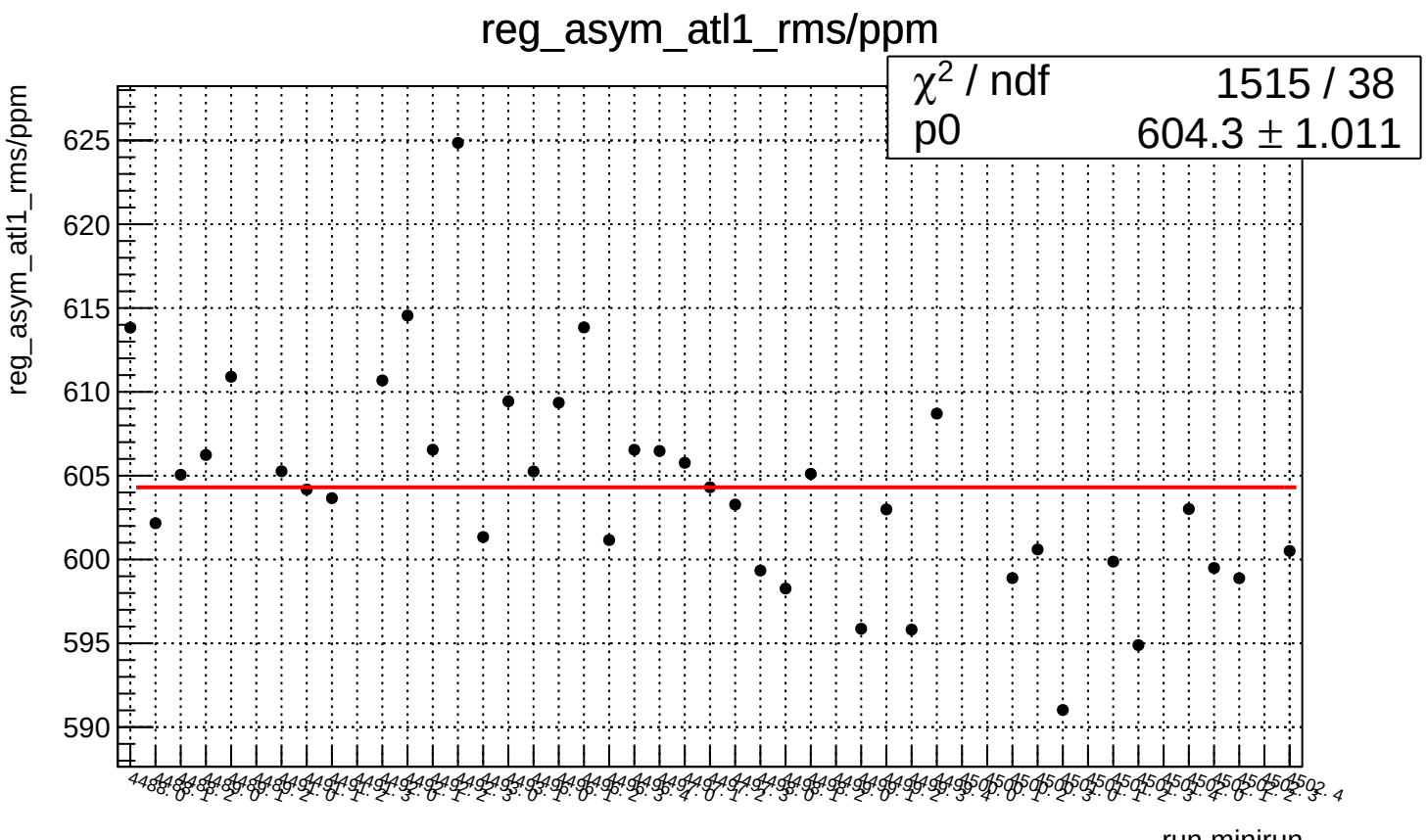
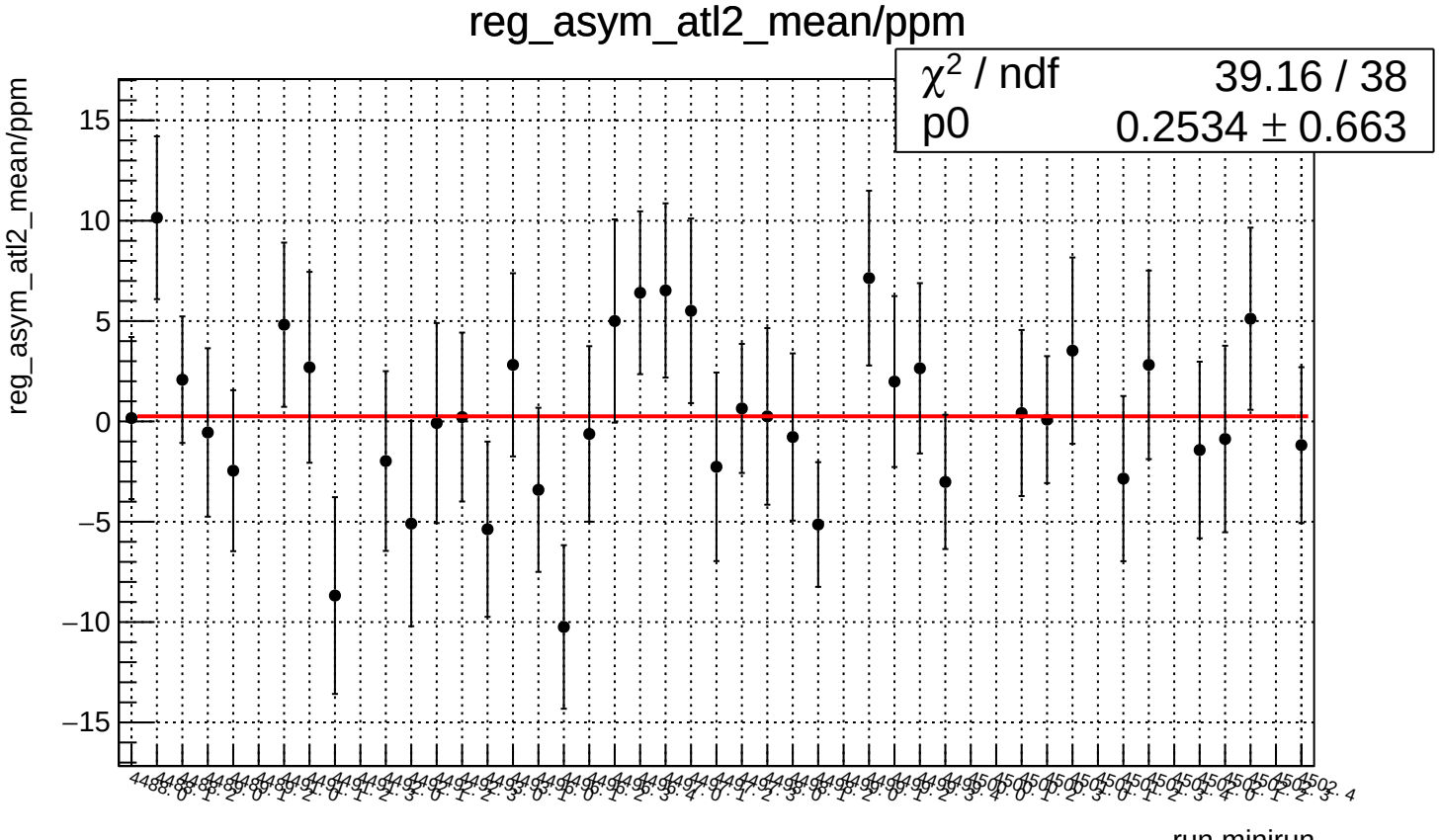
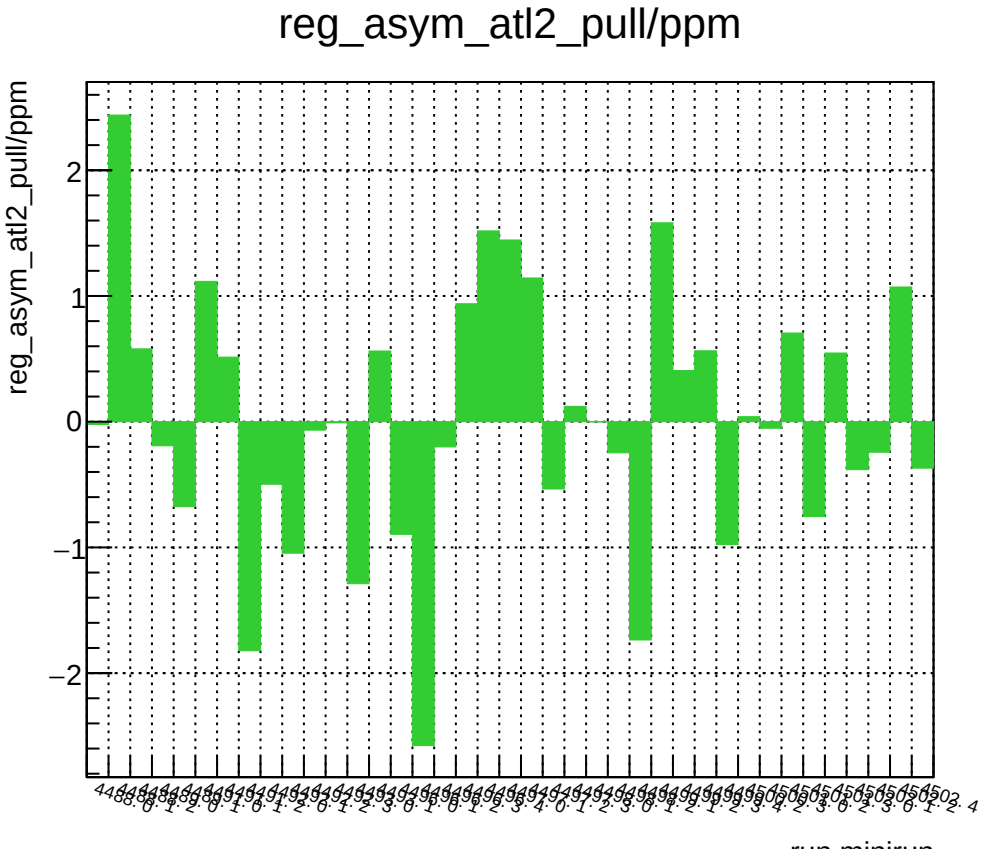
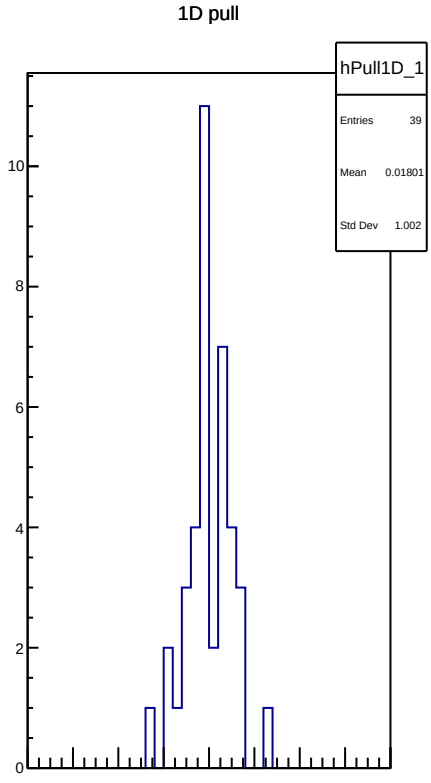

reg_asym_atl1_mean/ppm
χ^2 / ndf 29.09 / 38
p0 -3.141 ± 0.9654
reg_asym_atl1_mean/ppm
20
15
10
5
0
−5
−10
−15
−20
run.minirun

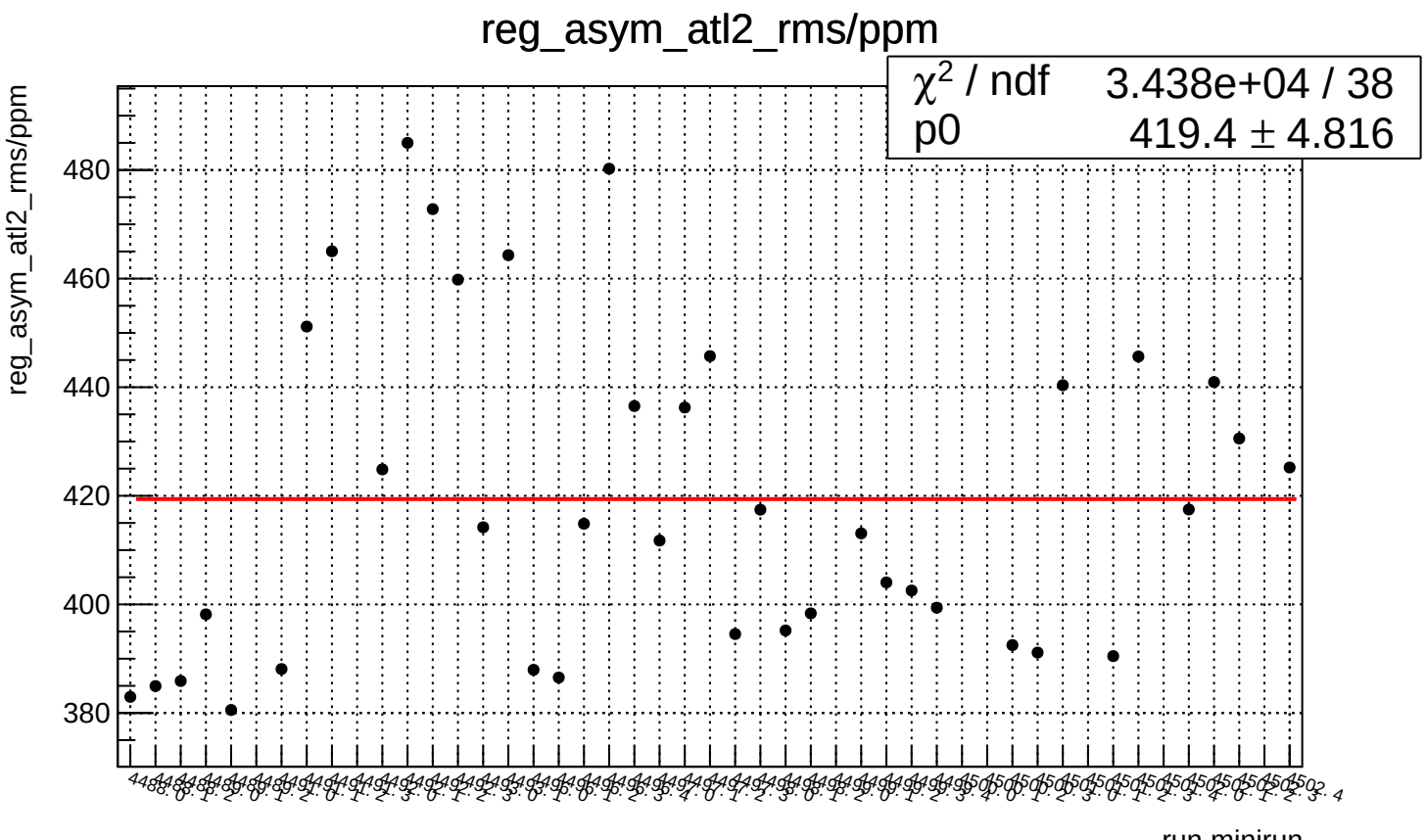

reg_asym_atl1_pull/ppm
reg_asym_atl1_pull/ppm
run.minirun
1D pull
hPull1D_0
Entries 39
Mean 0.01138
Std Dev 0.8636

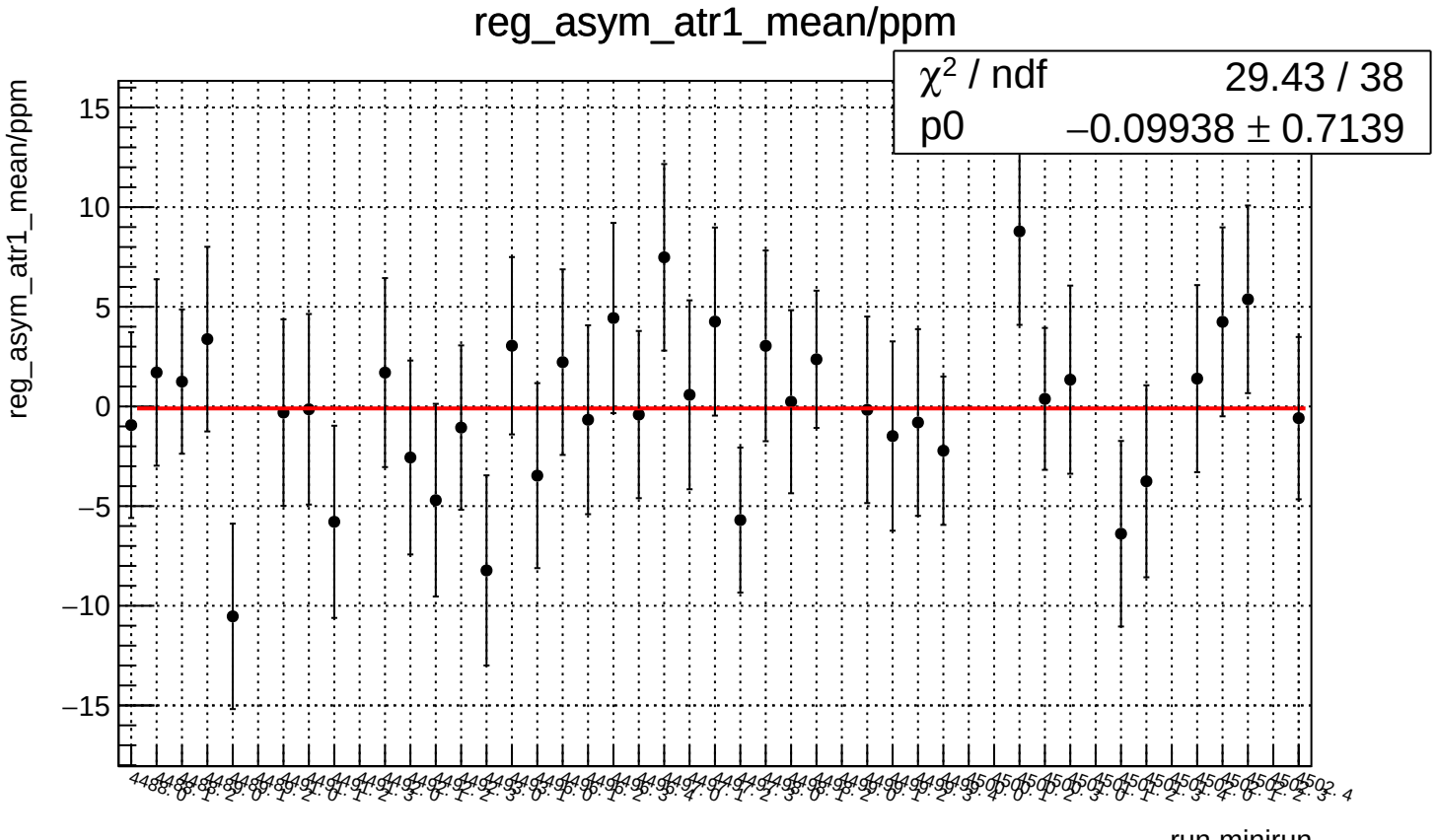

reg_asym_atl1_rms/ppm
χ2 / ndf 1515 / 38
p0 604.3 ± 1.011
reg_asym_atl1_rms/ppm
625
620
615
610
605
600
595
590
run.minirun

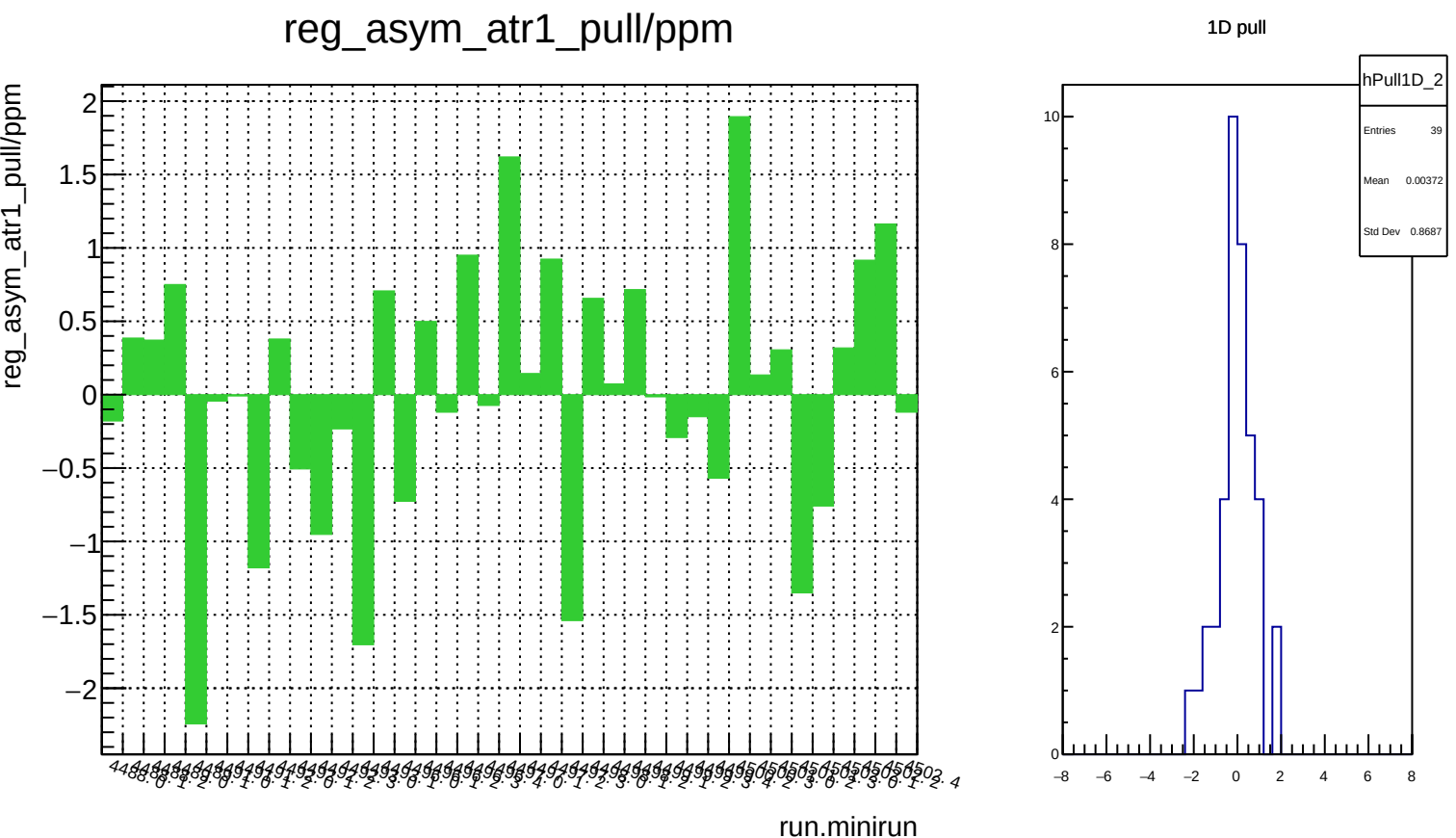

reg_asym_atl2_mean/ppm
χ2 / ndf 39.16 / 38
p0 0.2534 ± 0.663
reg_asym_atl2_mean/ppm
15
10
5
0
−5
−10
−15
run.minirun

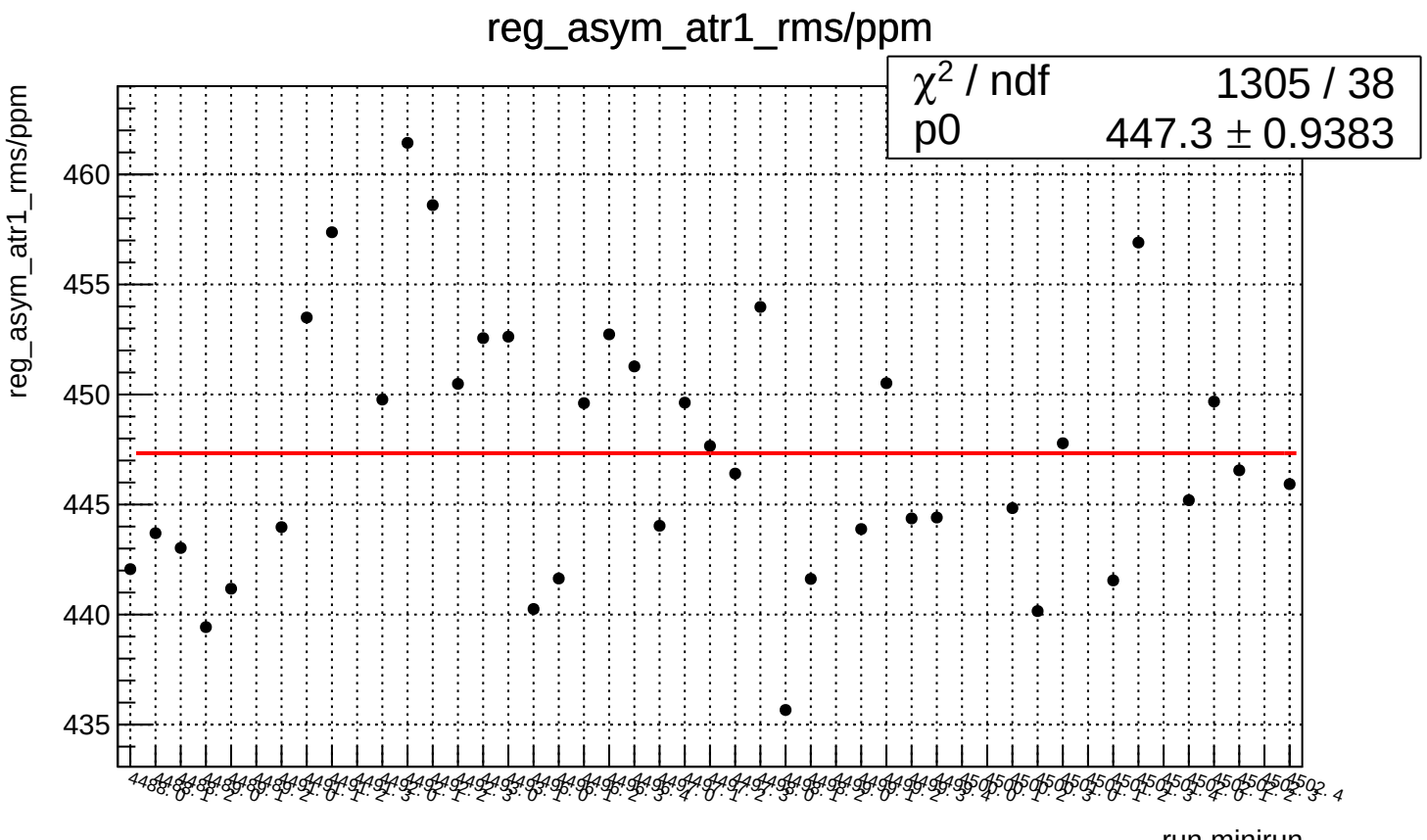

reg_asym_atl2_pull/ppm
reg_asym_atl2_pull/ppm
2
1
0
−1
−2
run.minirun

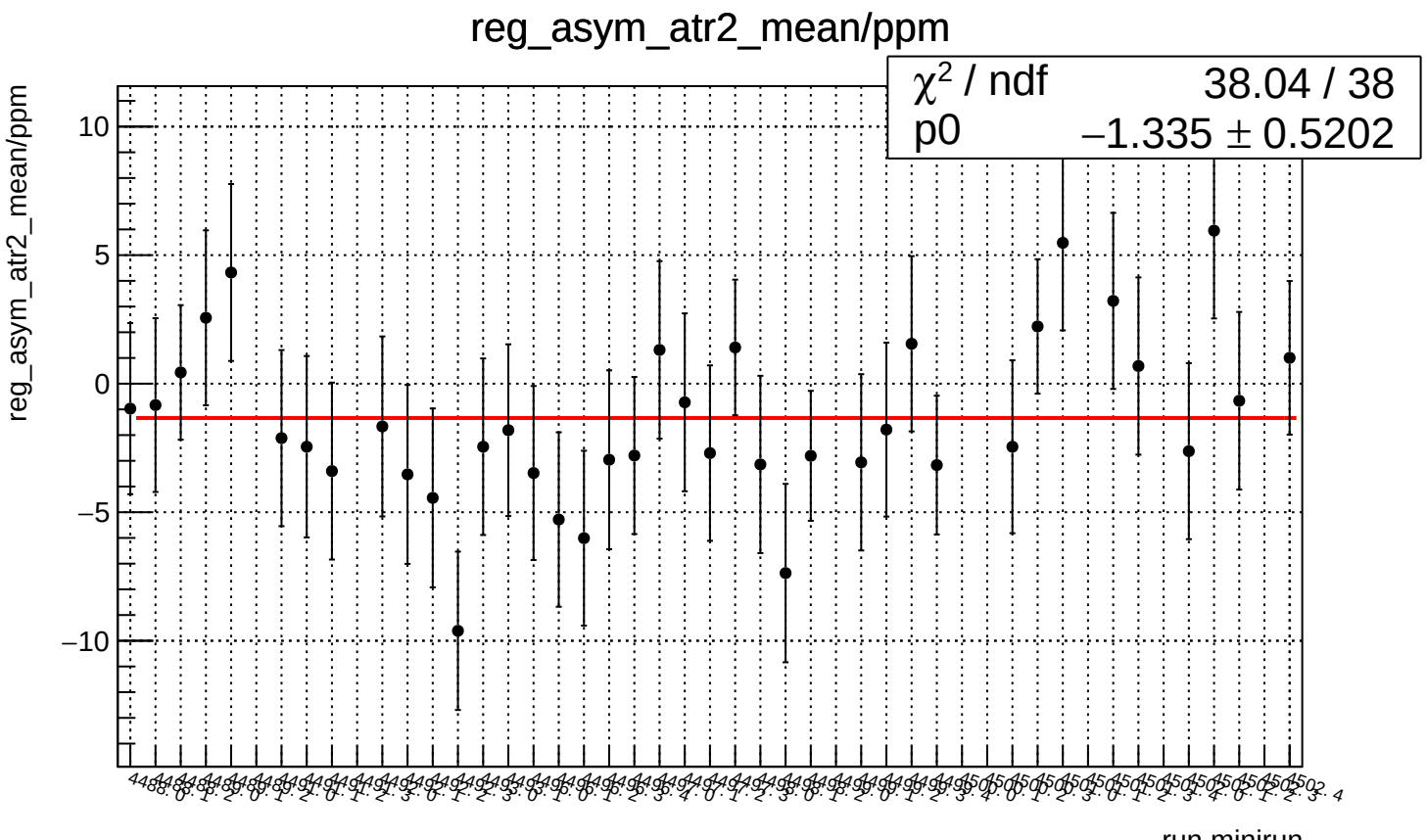

1D pull
hPull1D_1
Entries 39
Mean 0.01801
Std Dev 1.002
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

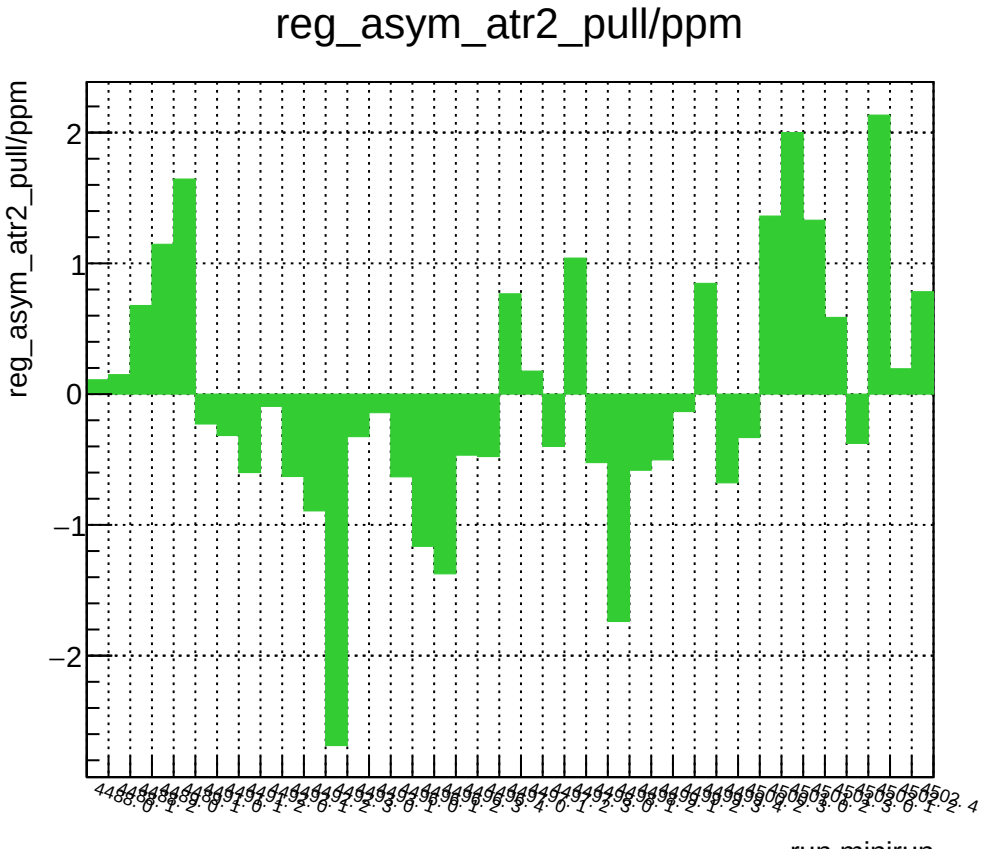

reg_asym_atl2_rms/ppm
χ^2 / ndf 3.438e+04 / 38
p0 419.4 ± 4.816
reg_asym_atl2_rms/ppm
480
460
440
420
400
380
run.minirun

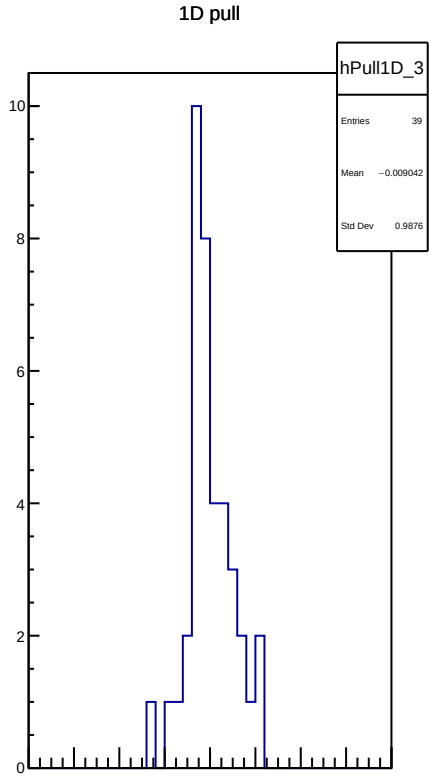

reg_asym_atr1_mean/ppm
χ² / ndf 29.43 / 38
p0 −0.09938 ± 0.7139
reg_asym_atr1_mean/ppm
15
10
5
0
−5
−10
−15
run.minirun

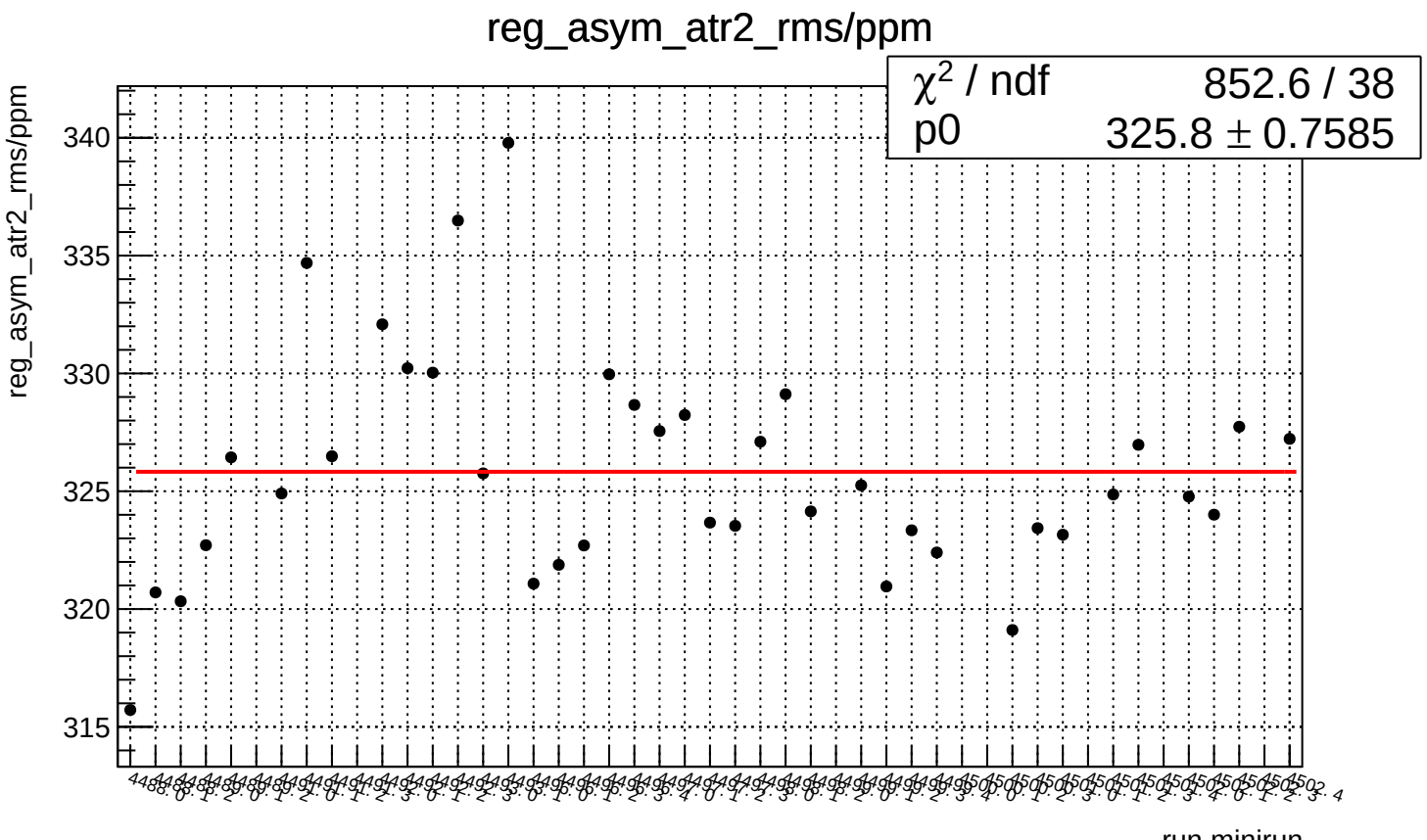

reg_asym_atr1_pull/ppm
reg_asym_atr1_pull/ppm
run.minirun
1D pull
hPull1D_2
Entries 39
Mean 0.00372
Std Dev 0.8687

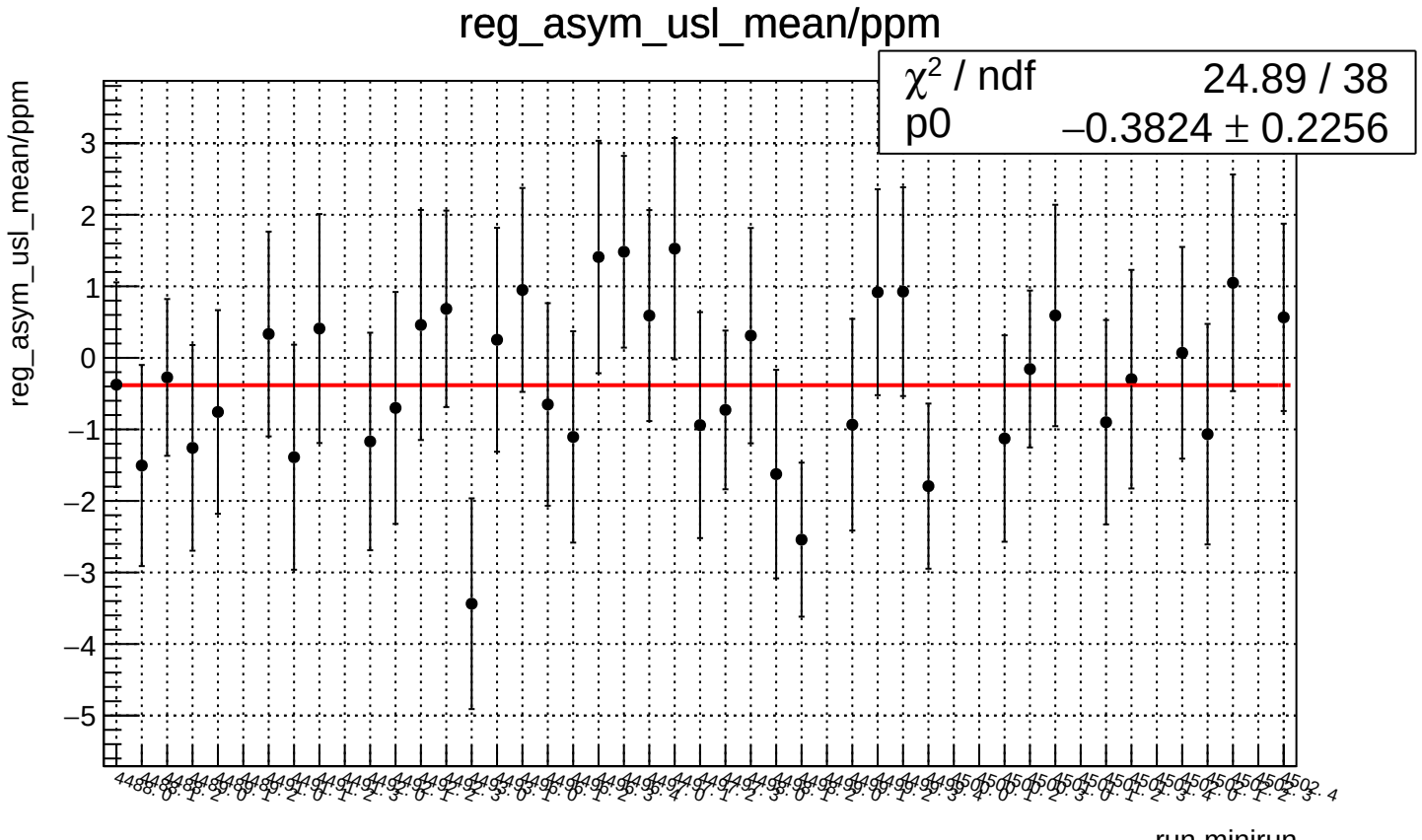

reg_asym_atr1_rms/ppm
χ^2 / ndf 1305 / 38
p0 447.3 ± 0.9383
reg_asym_atr1_rms/ppm
460
455
450
445
440
435
run.minirun

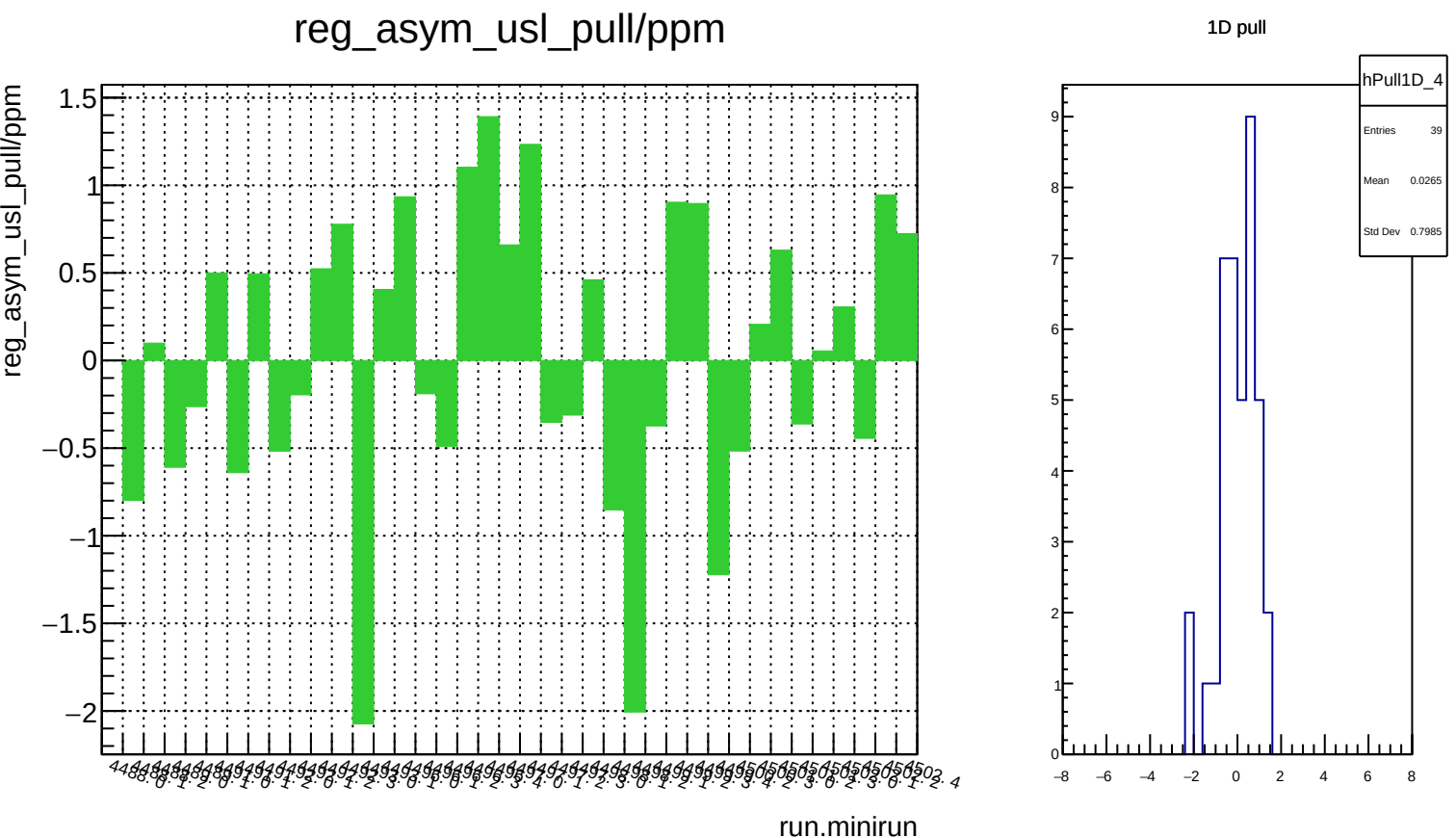

reg_asym_atr2_mean/ppm
χ² / ndf 38.04 / 38
p0 −1.335 ± 0.5202
reg_asym_atr2_mean/ppm
10
5
0
−5
−10
run.minirun

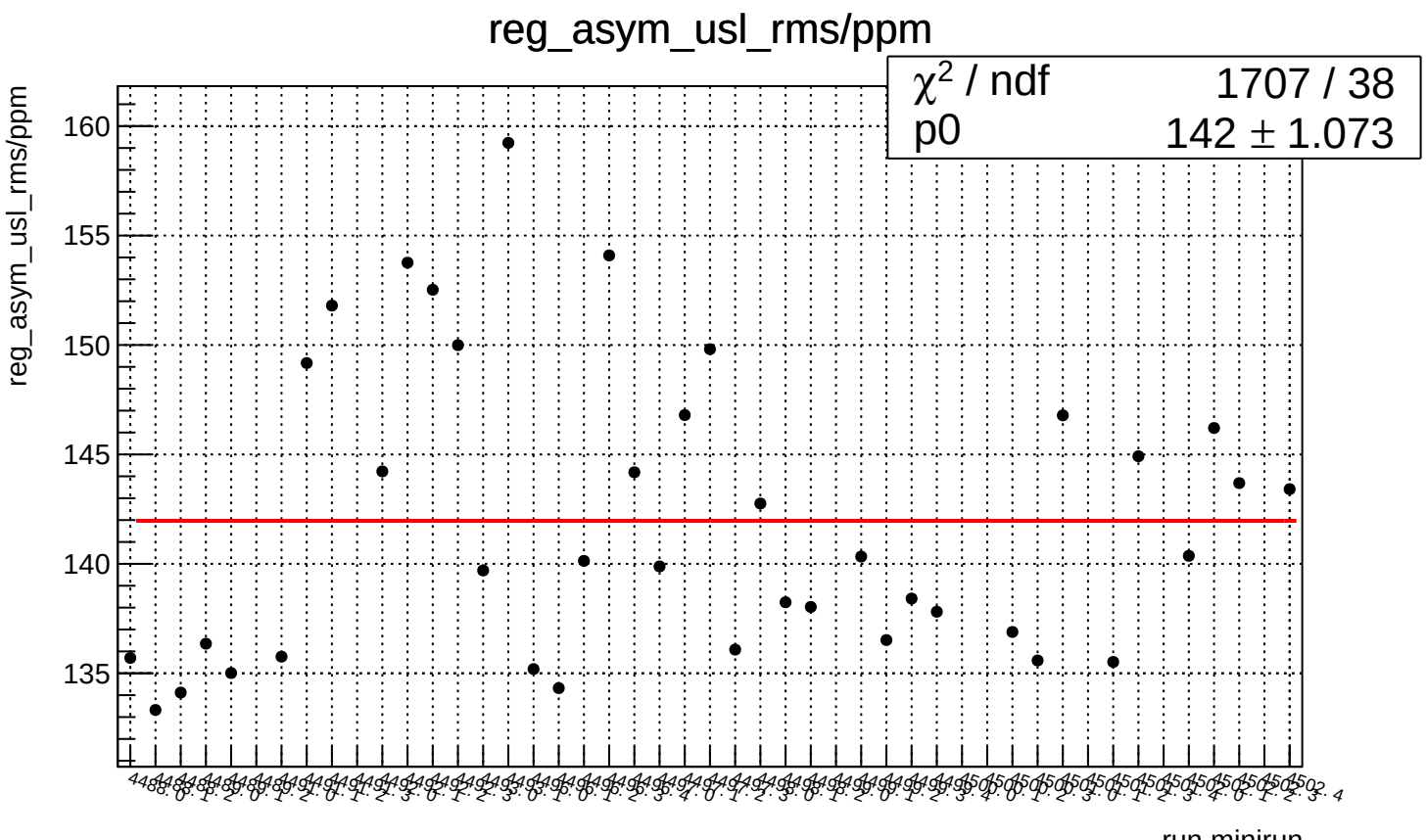

reg_asym_atr2_pull/ppm
reg_asym_atr2_pull/ppm
2
1
0
−1
−2
run.minirun

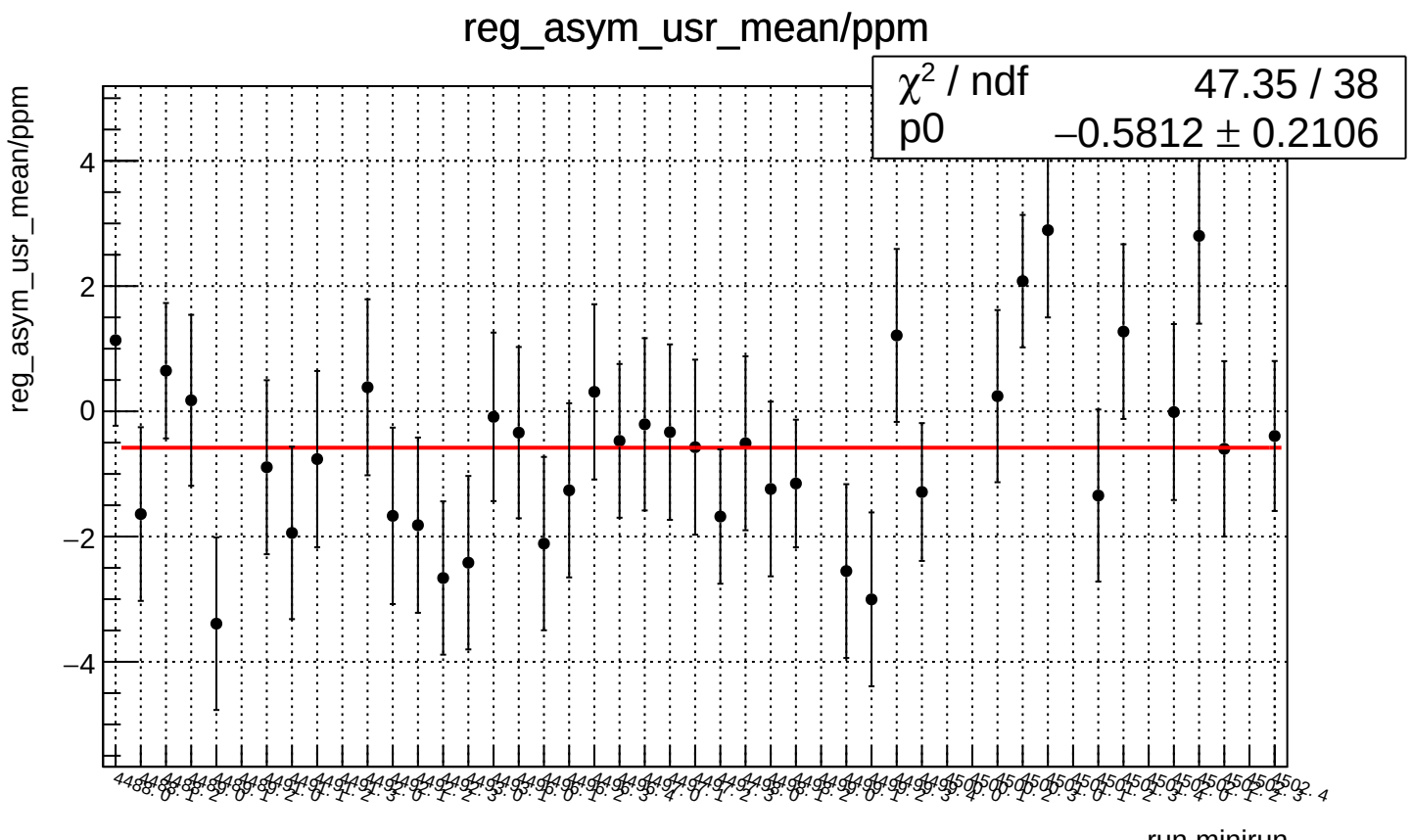

1D pull
hPull1D_3
Entries 39
Mean −0.009042
Std Dev 0.9876
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

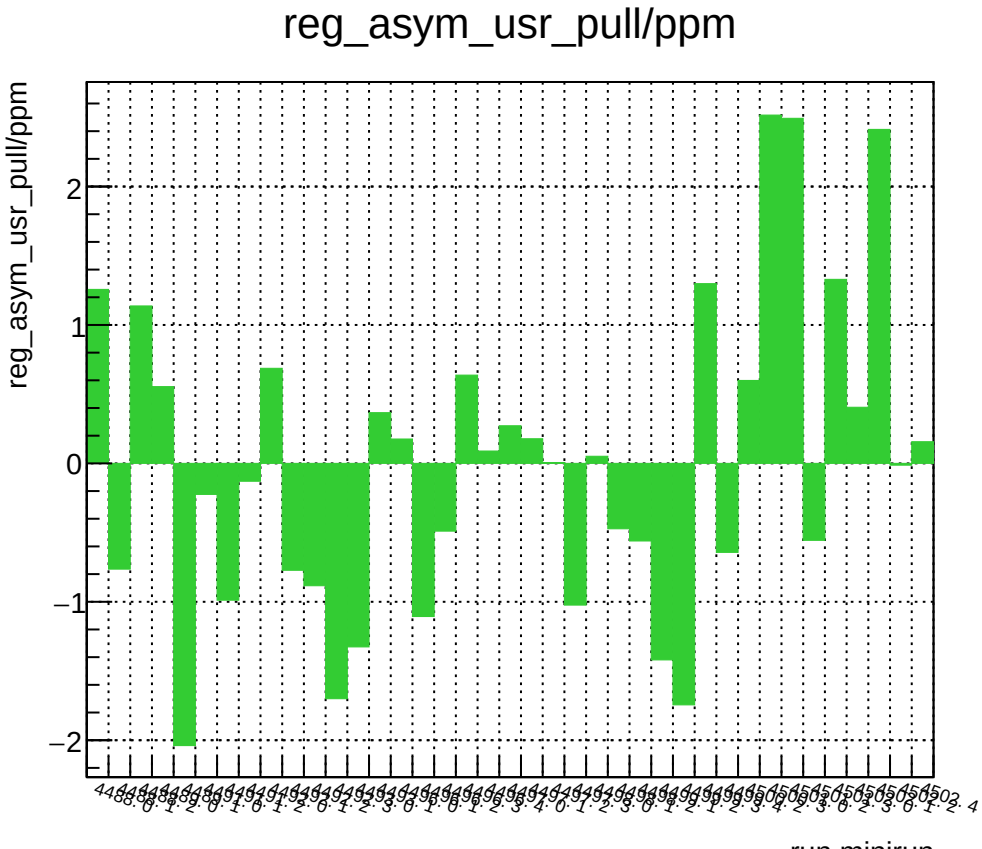

reg_asym_atr2_rms/ppm
χ^2 / ndf 852.6 / 38
p0 325.8 ± 0.7585
reg_asym_atr2_rms/ppm
340
335
330
325
320
315
run.minirun

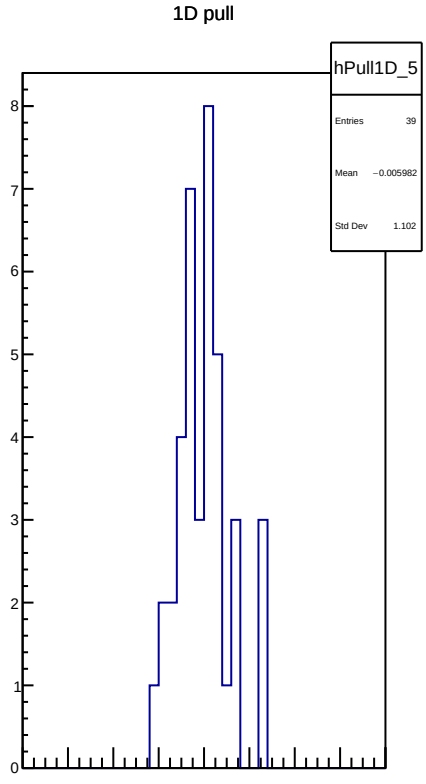

reg_asym_usl_mean/ppm
χ² / ndf 24.89 / 38
p0 −0.3824 ± 0.2256
reg_asym_usl_mean/ppm
run.minirun

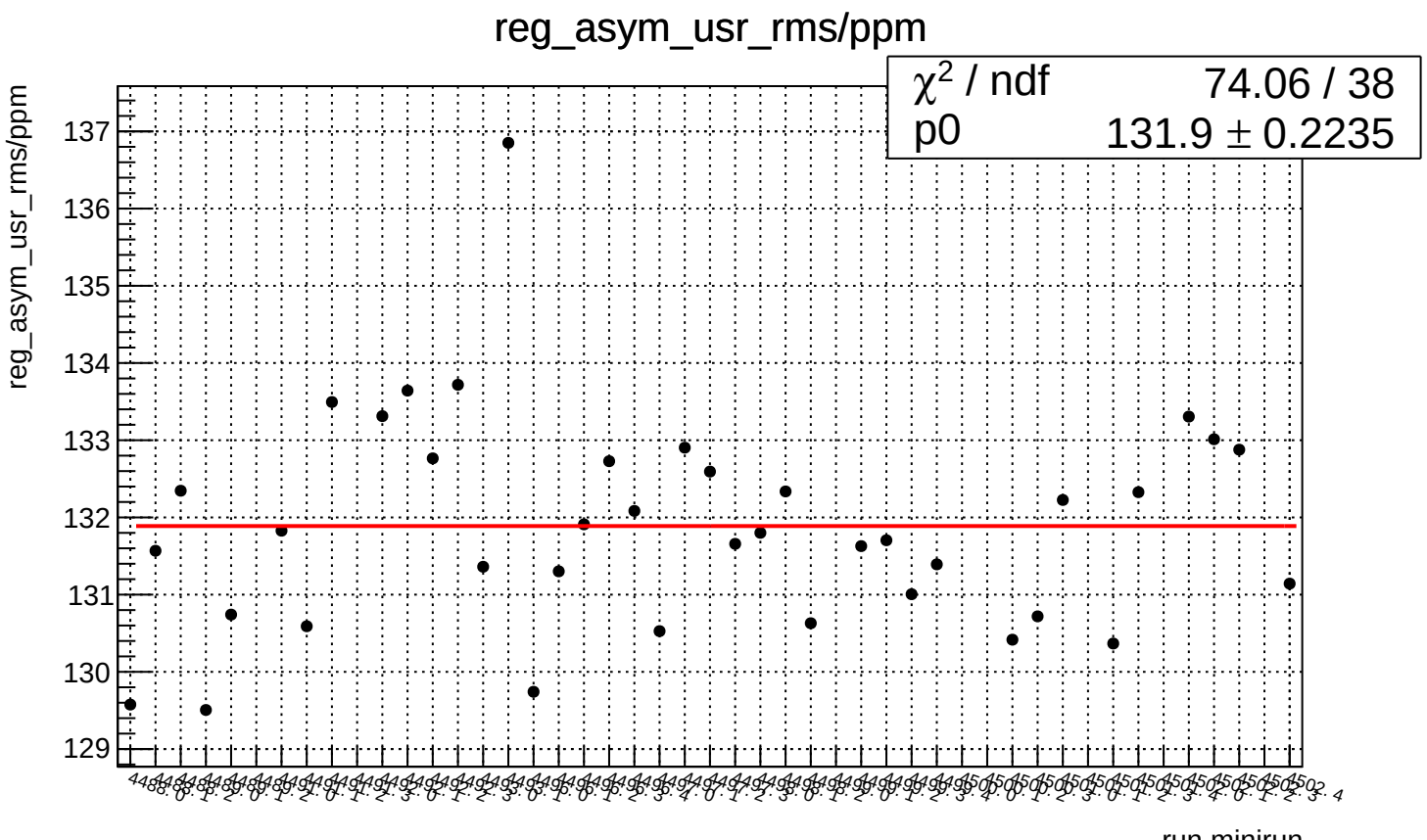

reg_asym_usl_pull/ppm
reg_asym_usl_pull/ppm
run.minirun
1D pull
hPull1D_4
Entries 39
Mean 0.0265
Std Dev 0.7985

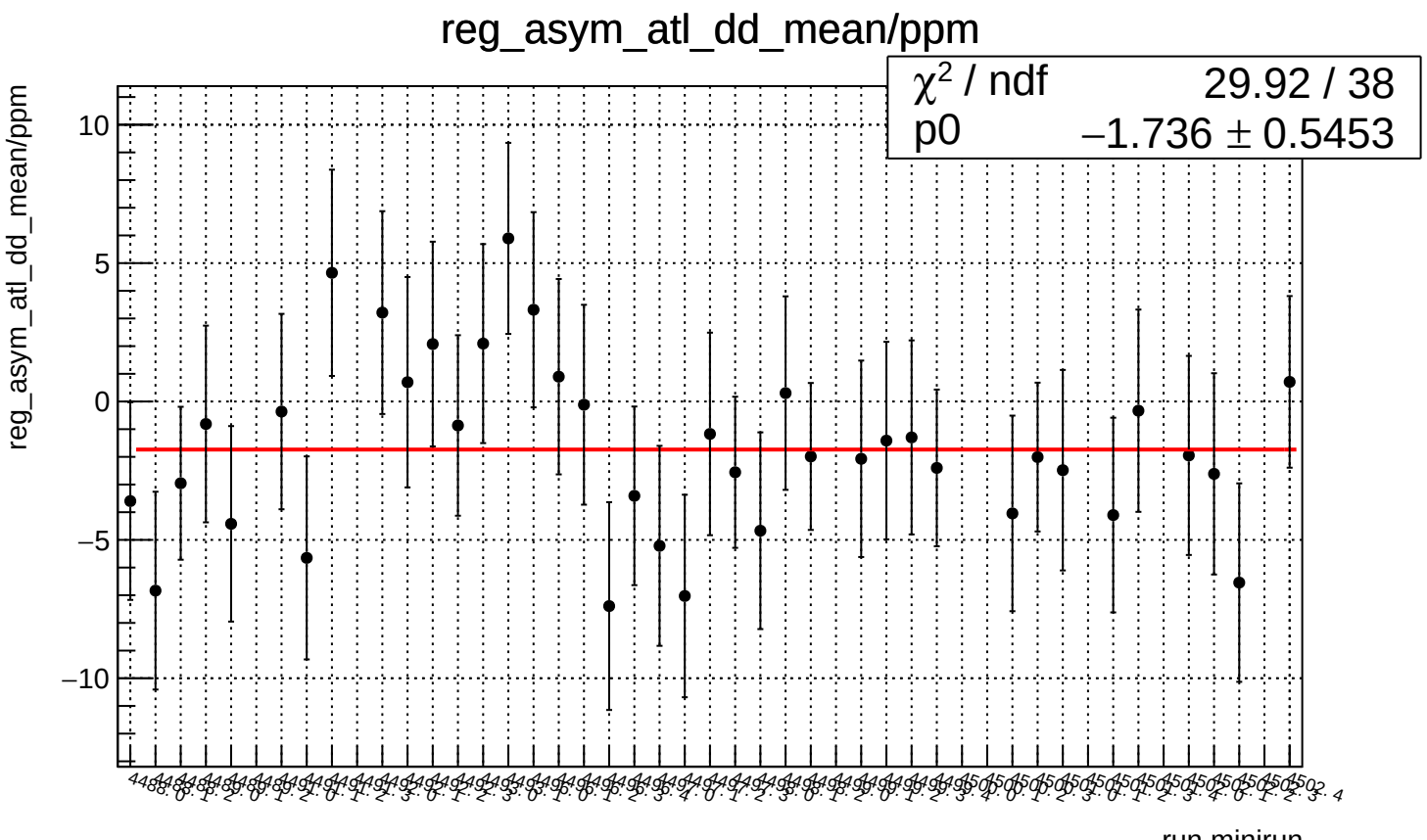

reg_asym_usl_rms/ppm
χ2 / ndf 1707 / 38
p0 142 ± 1.073
reg_asym_usl_rms/ppm
160
155
150
145
140
135
run.minirun

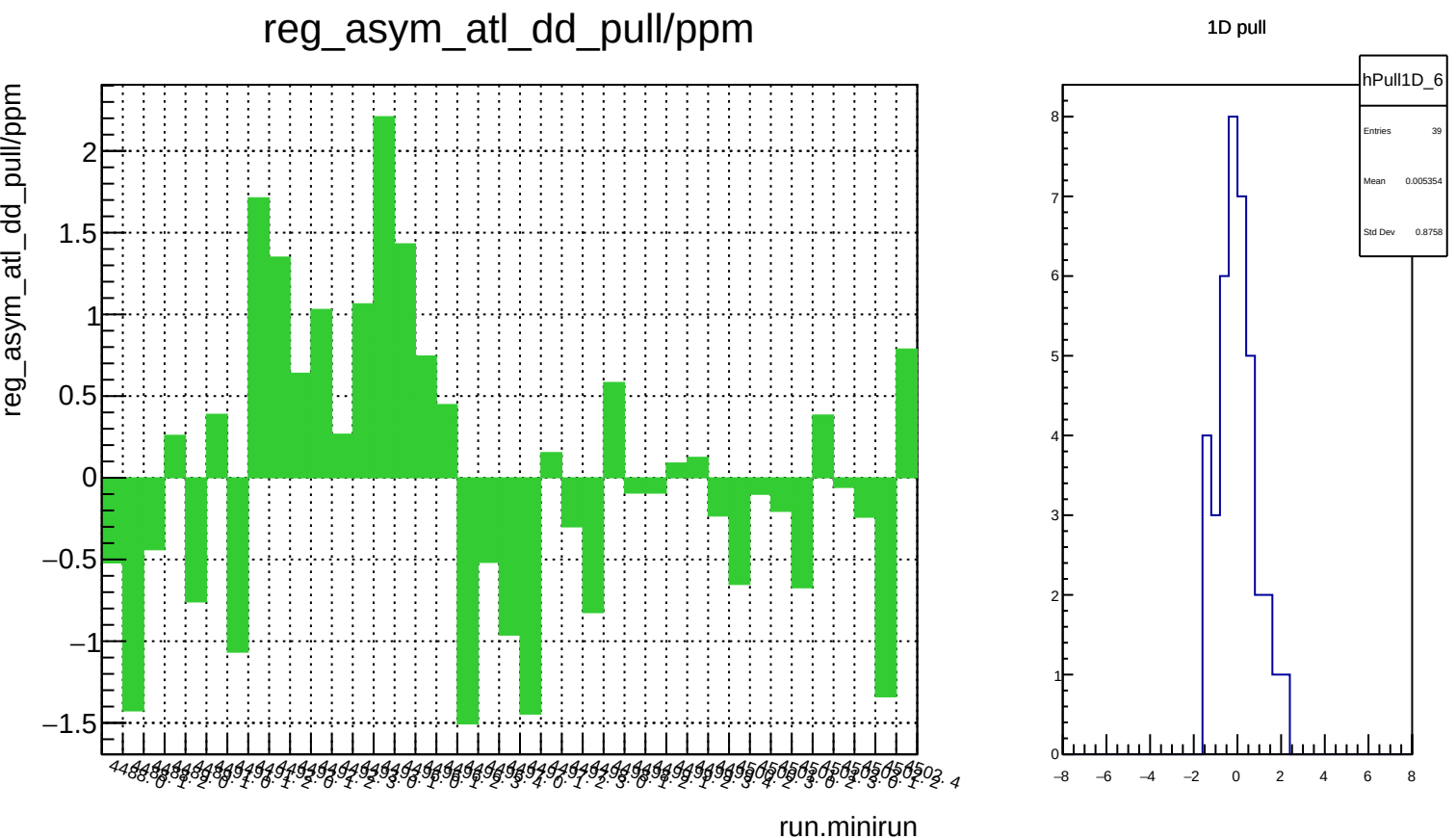

reg_asym_usr_mean/ppm
χ² / ndf 47.35 / 38
p0 –0.5812 ± 0.2106
reg_asym_usr_mean/ppm
4
2
0
–2
–4
run.minirun

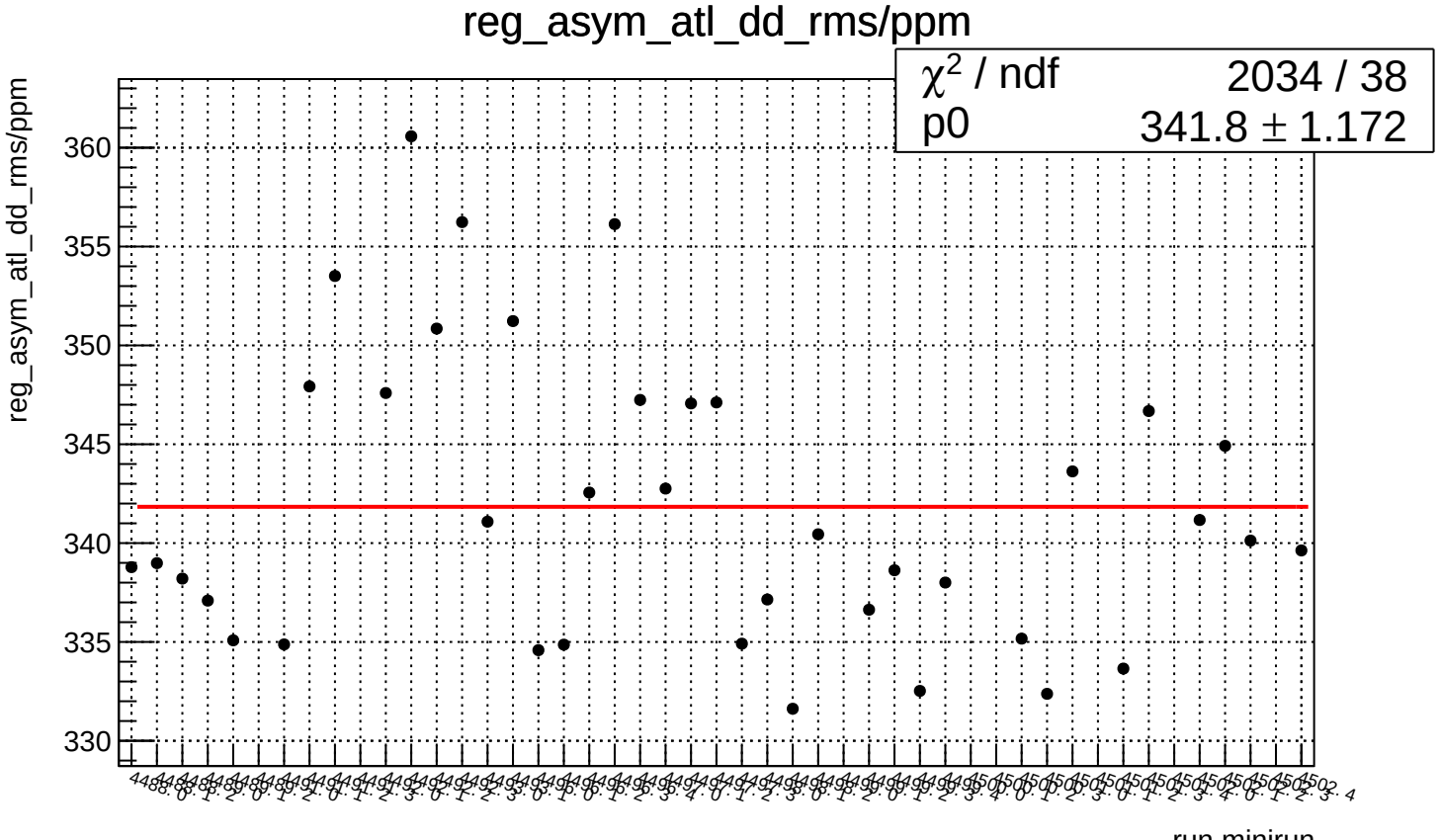

reg_asym_usr_pull/ppm
reg_asym_usr_pull/ppm
2
1
0
−1
−2
run.minirun

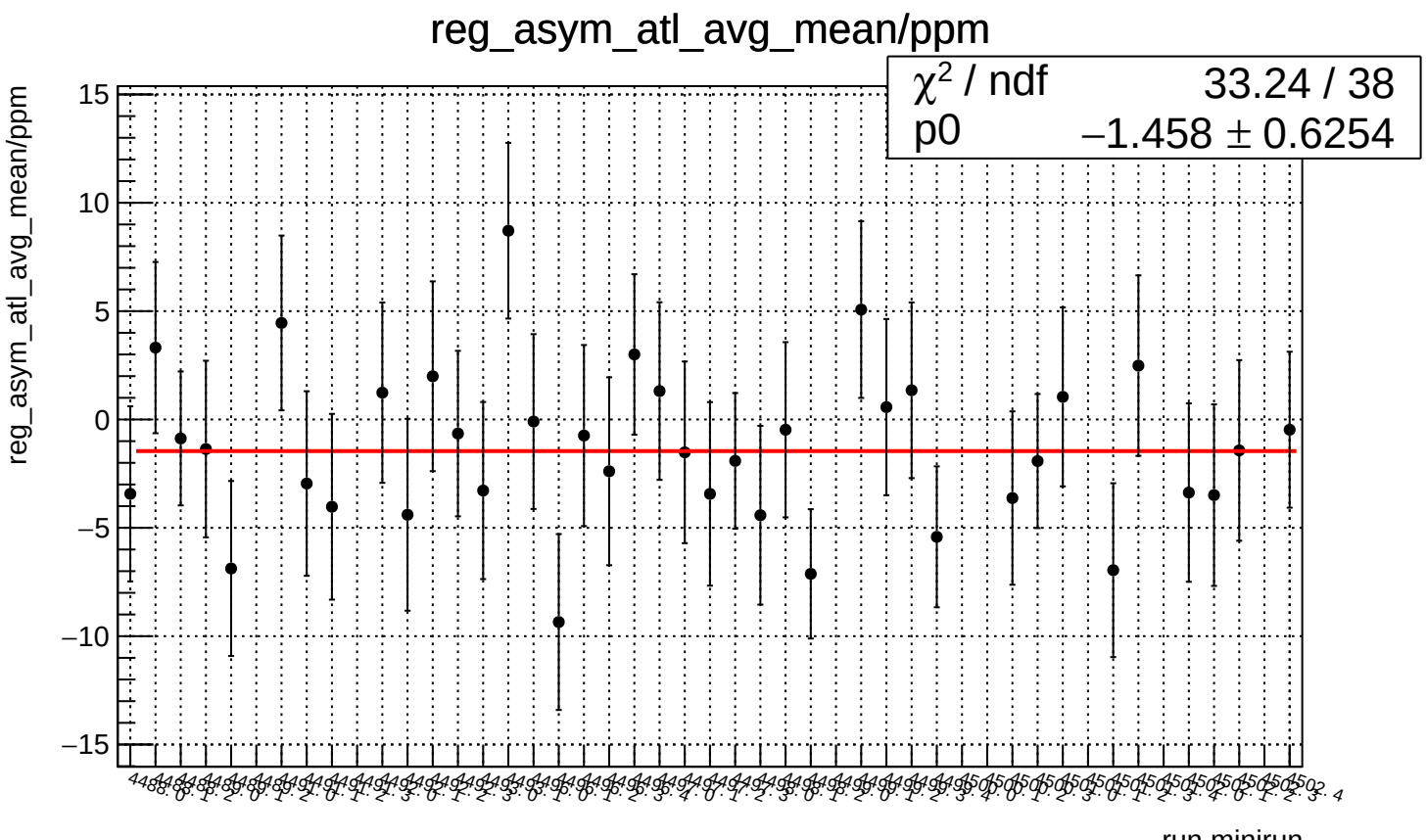

1D pull
hPull1D_5
Entries 39
Mean −0.005982
Std Dev 1.102
8
7
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

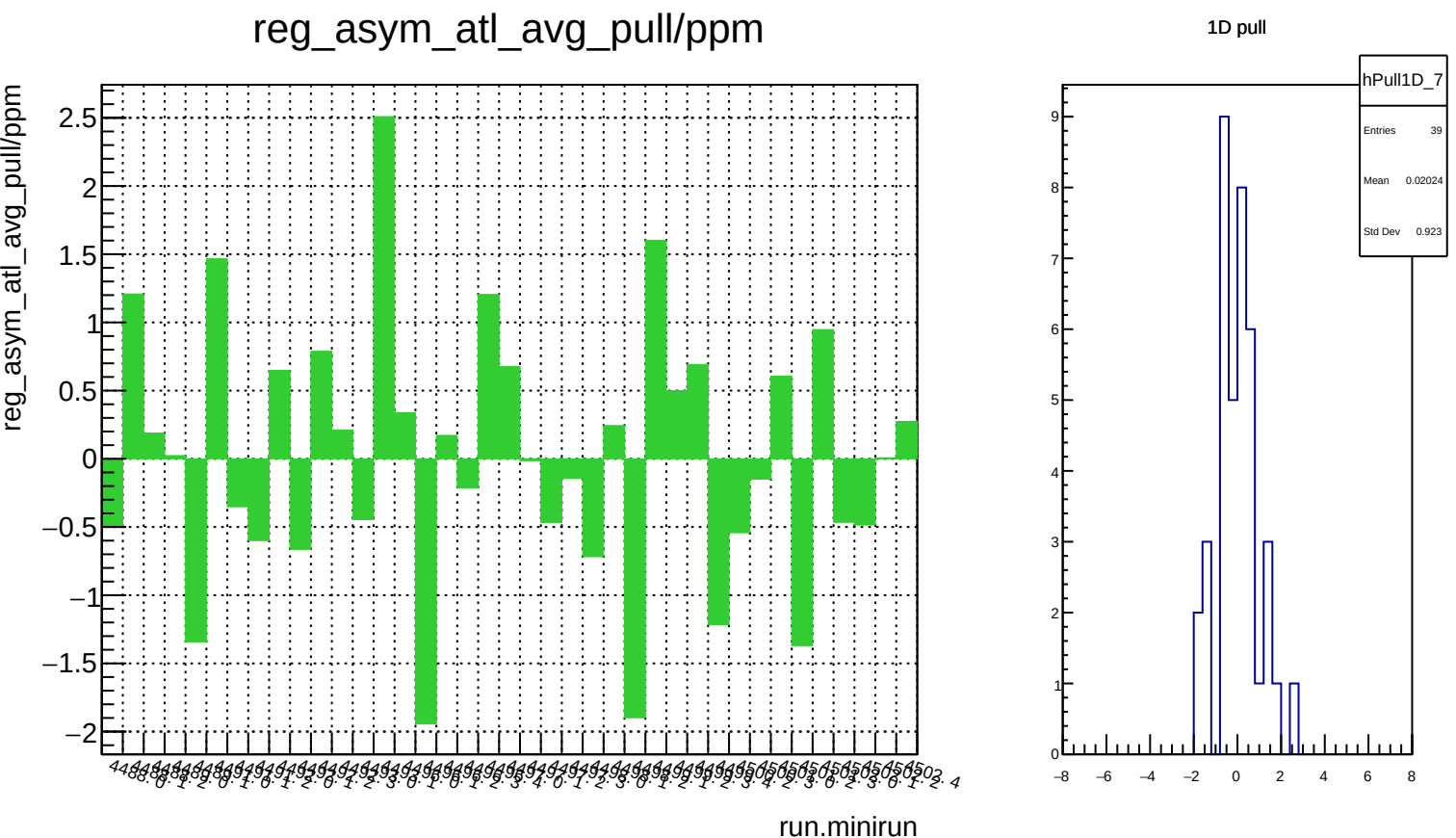

reg_asym_usr_rms/ppm
χ2 / ndf 74.06 / 38
p0 131.9 ± 0.2235
reg_asym_usr_rms/ppm
run.minirun

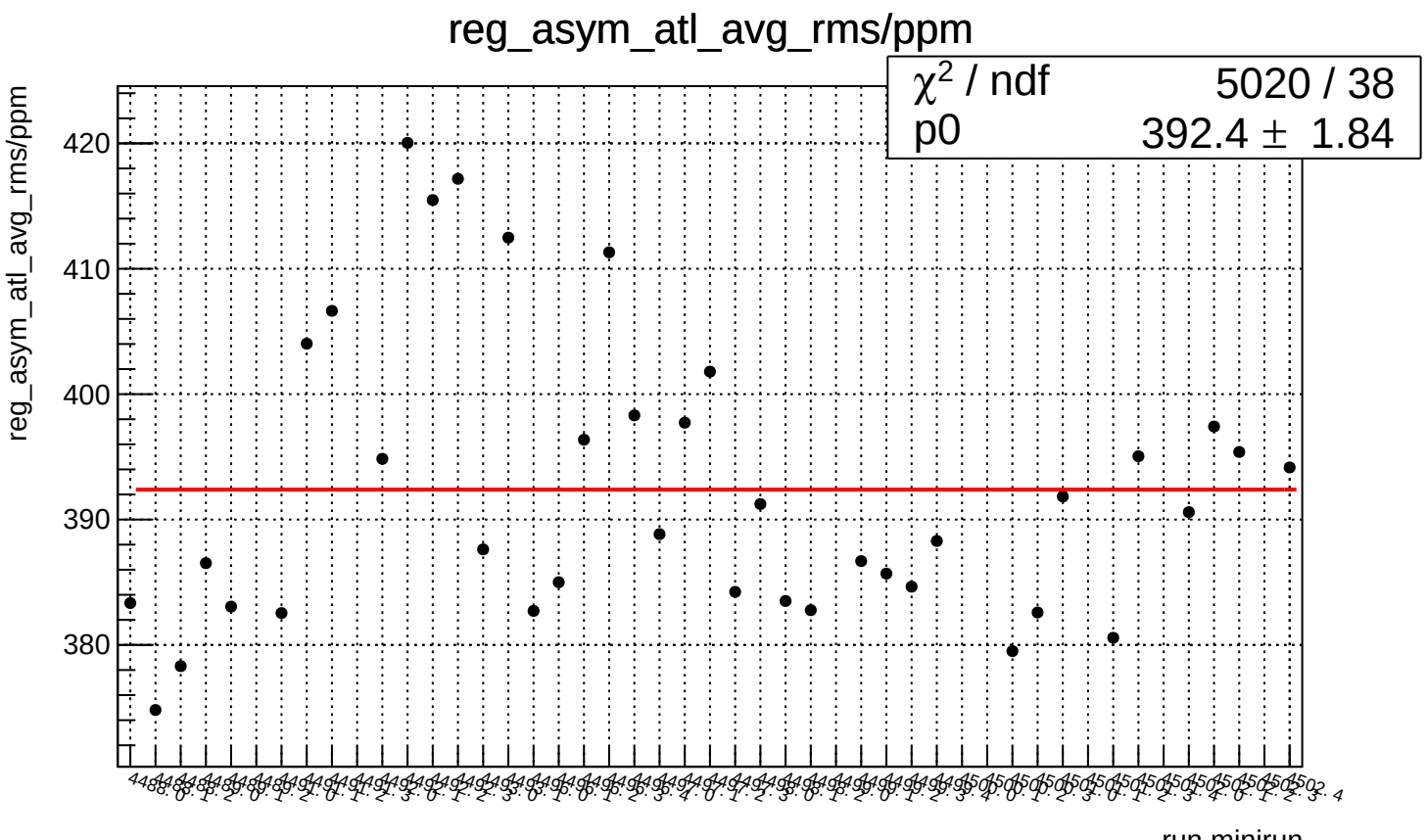

reg_asym_atl_dd_mean/ppm
χ^2 / ndf 29.92 / 38
p0 -1.736 ± 0.5453
reg_asym_atl_dd_mean/ppm
10
5
0
−5
−10
run.minirun

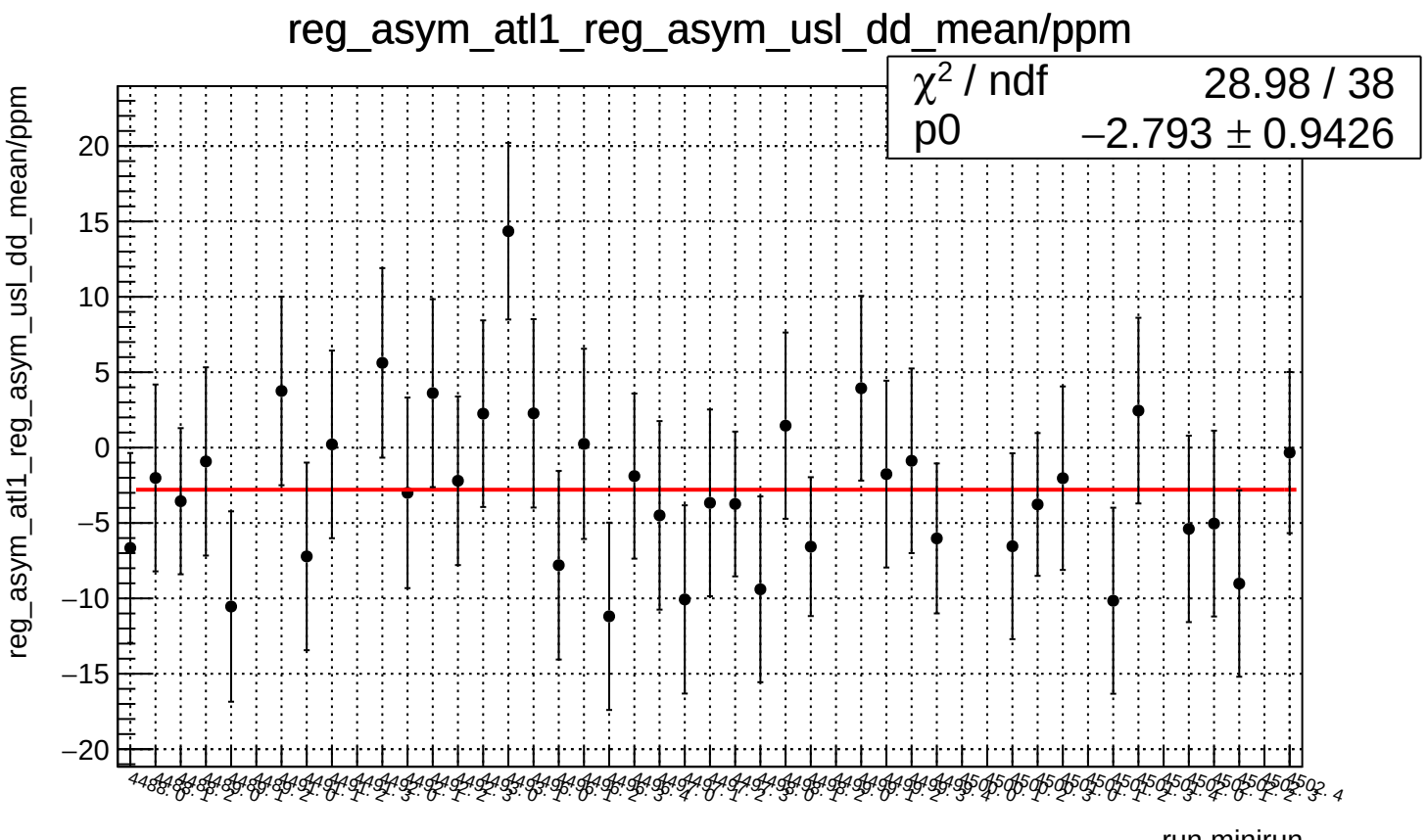

reg_asym_atl_dd_pull/ppm
reg_asym_atl_dd_pull/ppm
run.minirun
1D pull
hPull1D_6
Entries 39
Mean 0.005354
Std Dev 0.8758

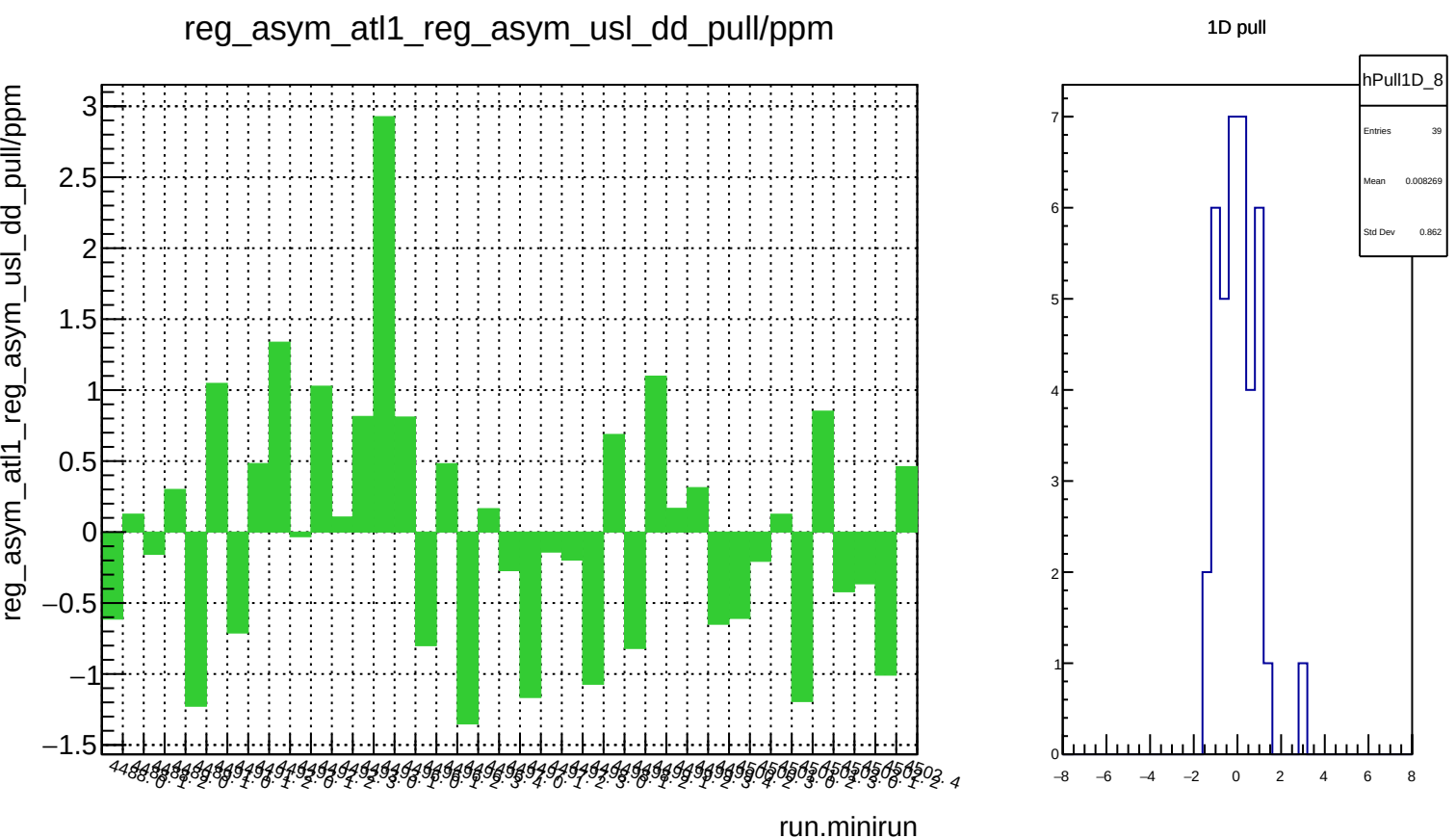

reg_asym_atl_dd_rms/ppm
χ2 / ndf 2034 / 38
p0 341.8 ± 1.172
reg_asym_atl_dd_rms/ppm
360
355
350
345
340
335
330
run.minirun

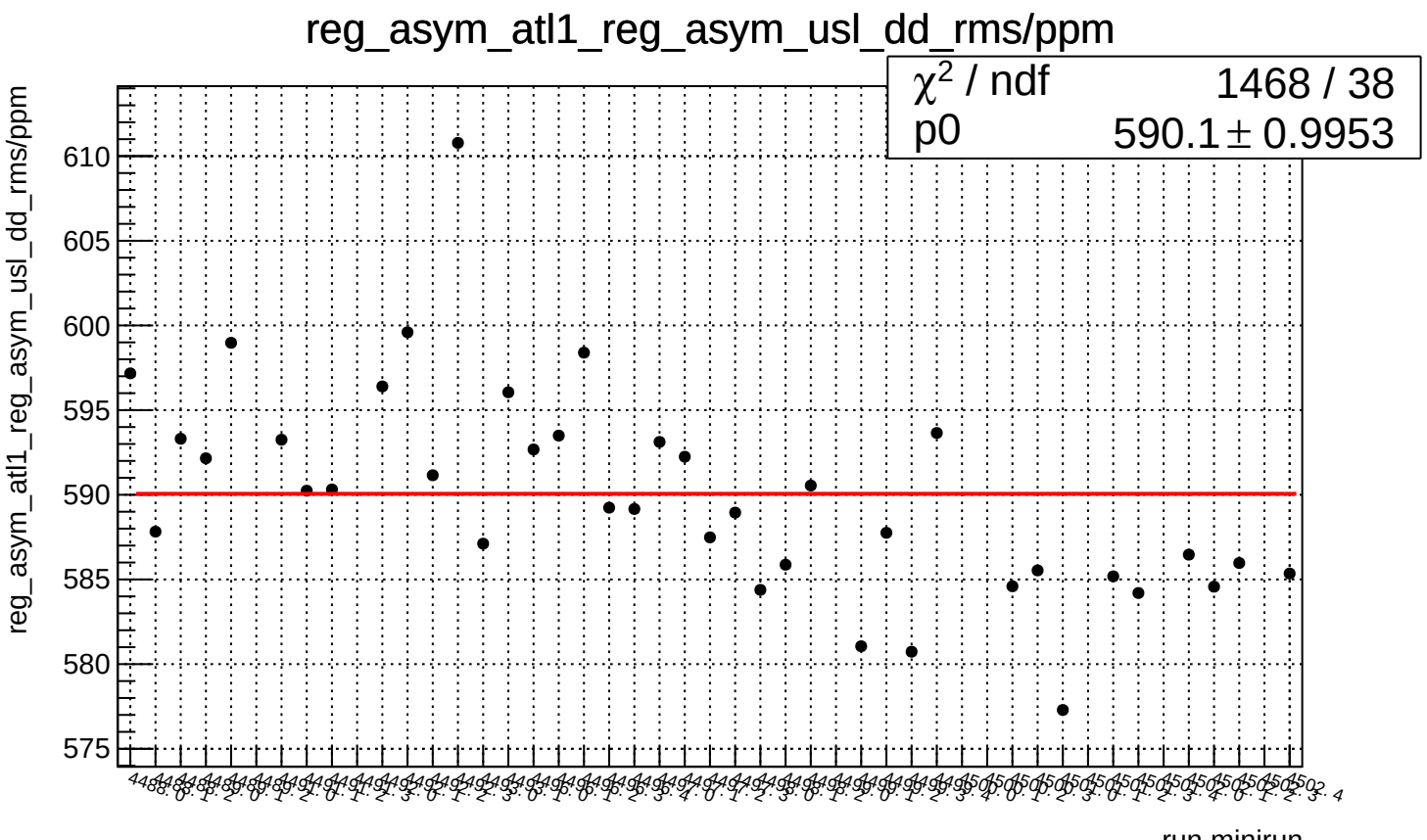

reg_asym_atl_avg_mean/ppm
χ² / ndf 33.24 / 38
p0 −1.458 ± 0.6254
reg_asym_atl_avg_mean/ppm
run.minirun

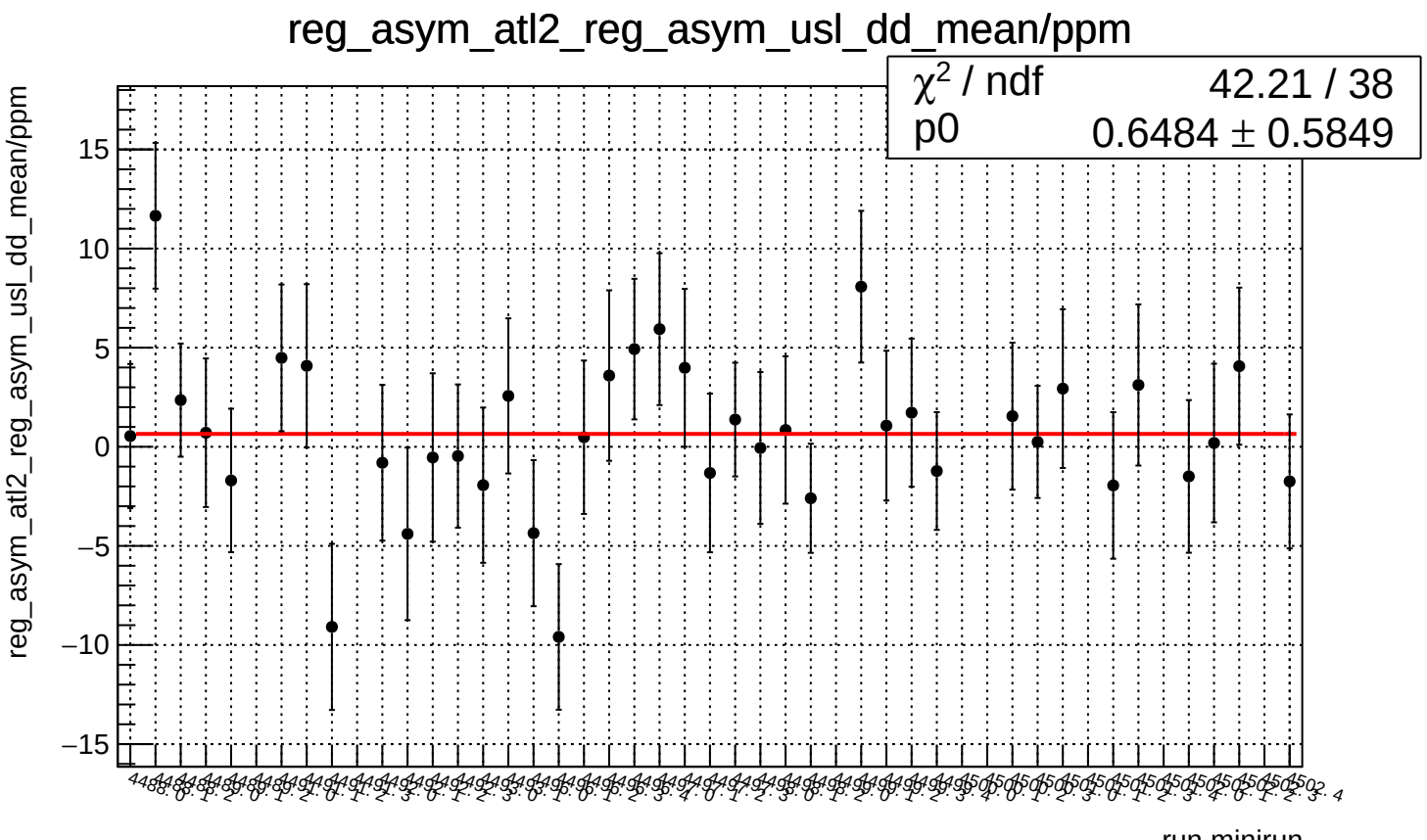

reg_asym_atl_avg_pull/ppm
reg_asym_atl_avg_pull/ppm
run.minirun
1D pull
hPull1D_7
Entries 39
Mean 0.02024
Std Dev 0.923

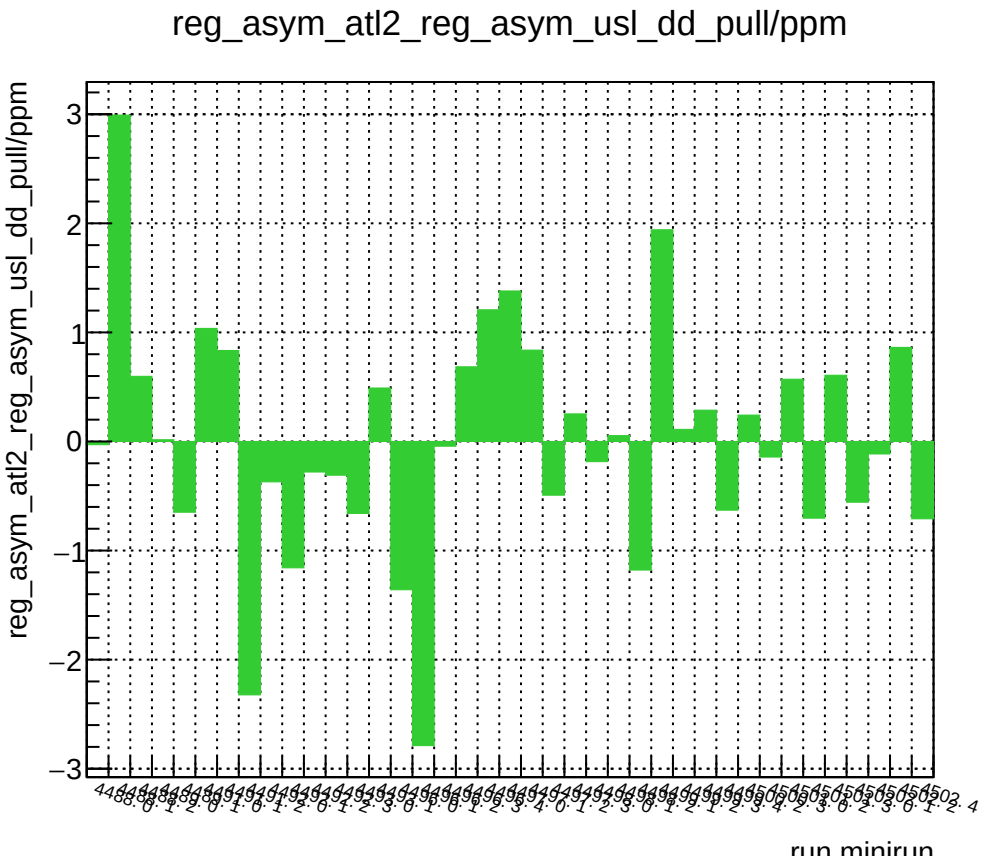

reg_asym_atl_avg_rms/ppm
χ^2 / ndf 5020 / 38
p0 392.4 ± 1.84
reg_asym_atl_avg_rms/ppm
420
410
400
390
380
run.minirun

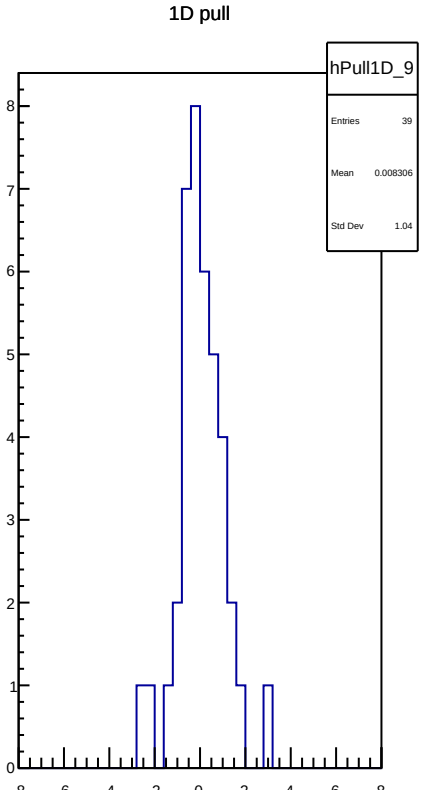

reg_asym_atl1_reg_asym_usl_dd_mean/ppm
χ² / ndf 28.98 / 38
p0 −2.793 ± 0.9426
reg_asym_atl1_reg_asym_usl_dd_mean/ppm
20
15
10
5
0
−5
−10
−15
−20
run.minirun

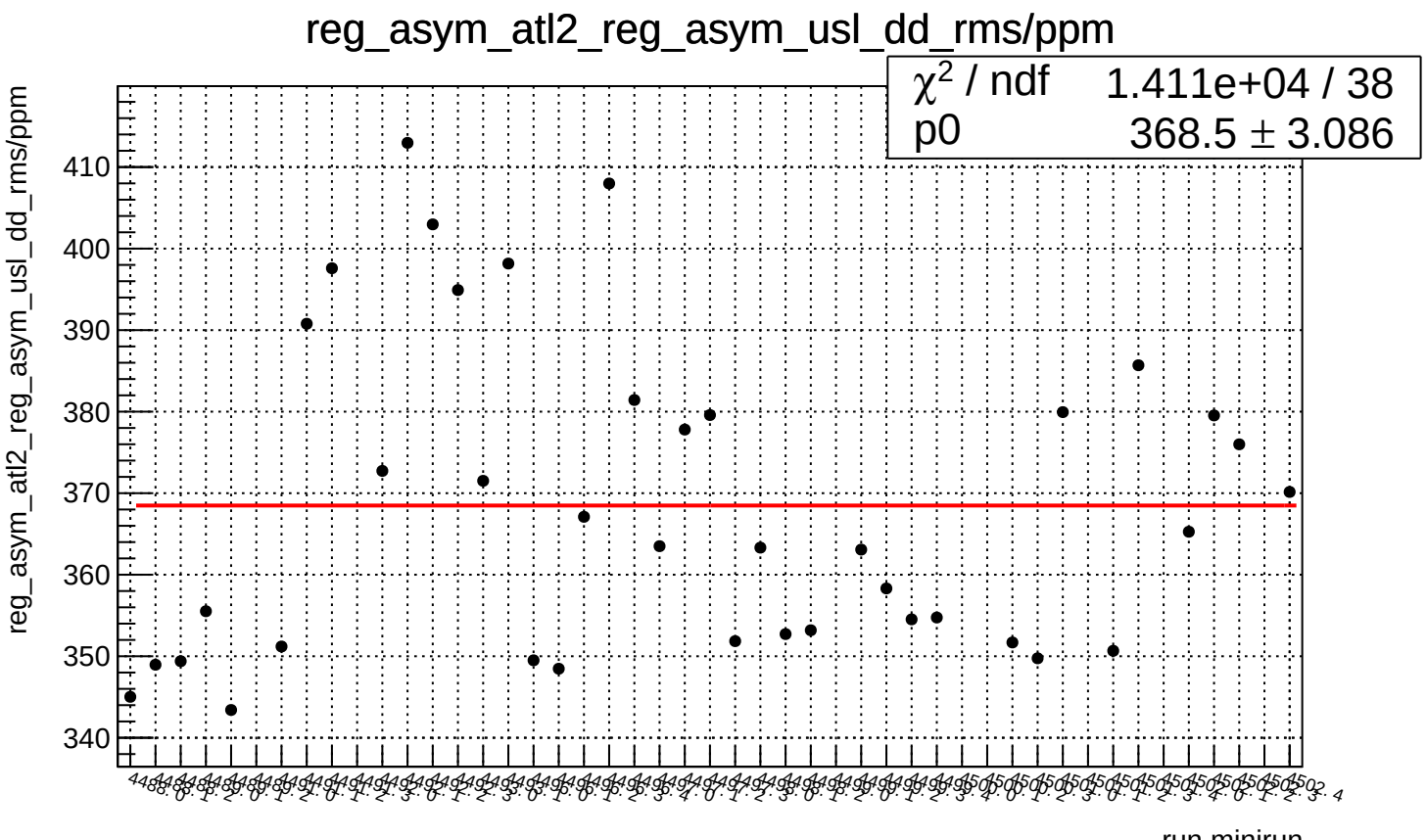

reg_asym_atl1_reg_asym_usl_dd_pull/ppm
reg_asym_atl1_reg_asym_usl_dd_pull/ppm
run.minirun
1D pull
hPull1D_8
Entries 39
Mean 0.008269
Std Dev 0.862

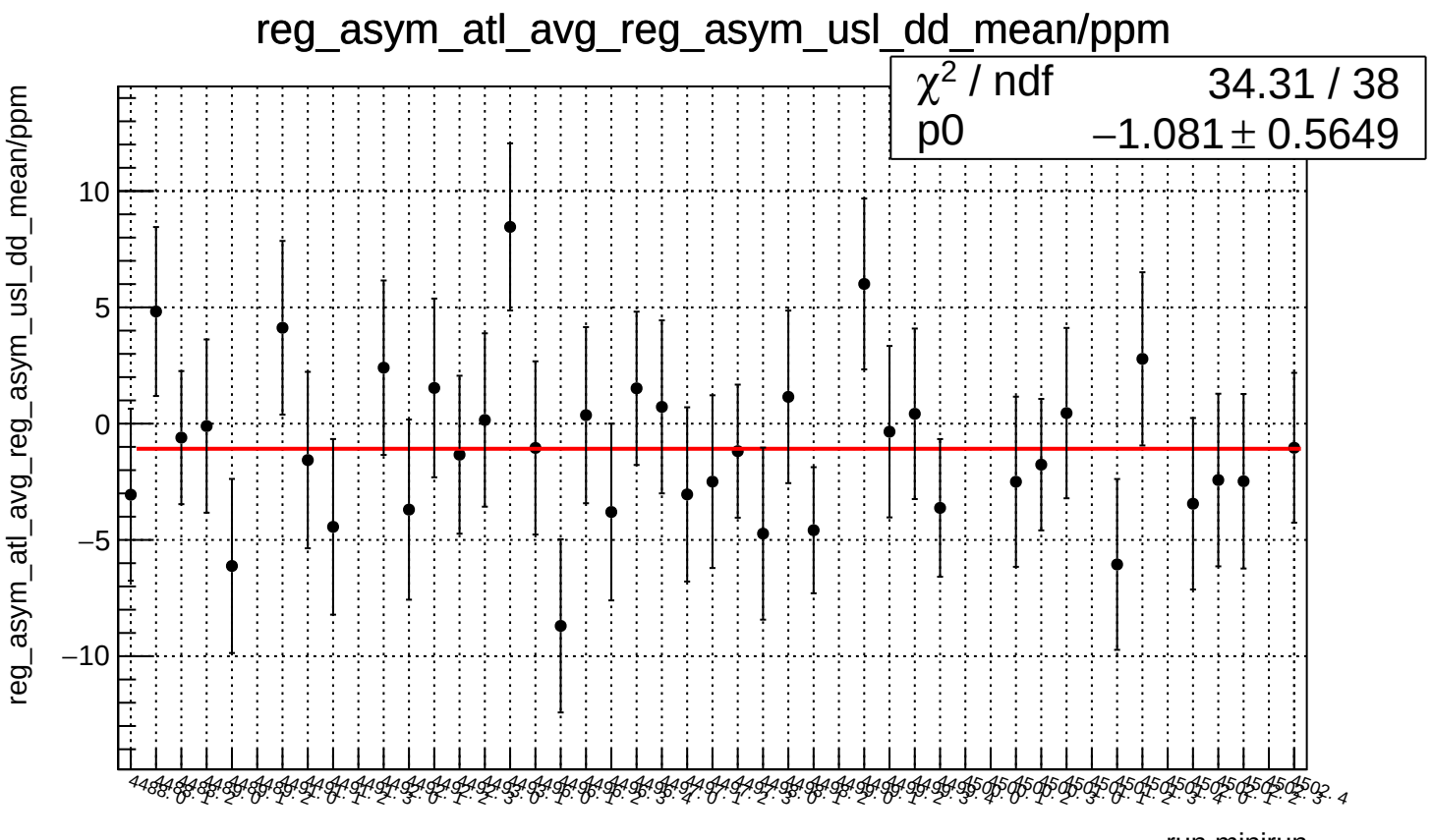

reg_asym_atl1_reg_asym_usl_dd_rms/ppm
χ^2 / ndf 1468 / 38
p0 590.1 ± 0.9953
reg_asym_atl1_reg_asym_usl_dd_rms/ppm
610
605
600
595
590
585
580
575
run.minirun

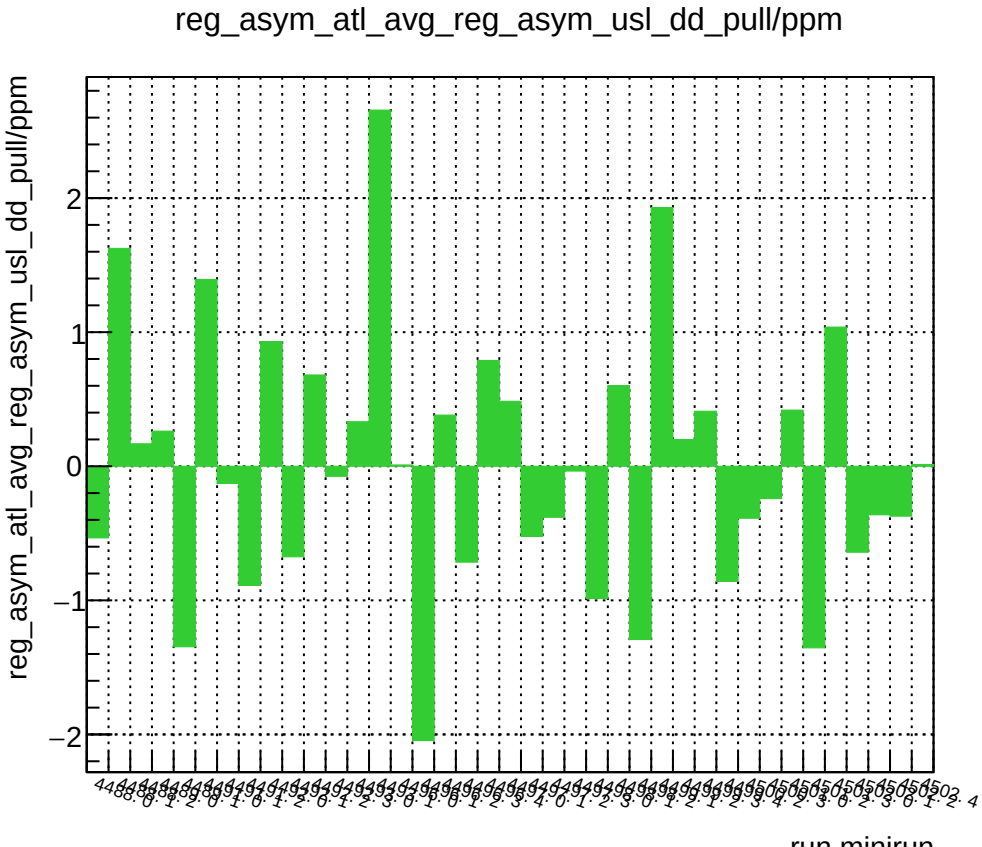

reg_asym_atl2_reg_asym_usl_dd_mean/ppm
χ² / ndf 42.21 / 38
p0 0.6484 ± 0.5849
reg_asym_atl2_reg_asym_usl_dd_mean/ppm
15
10
5
0
−5
−10
−15
run.minirun

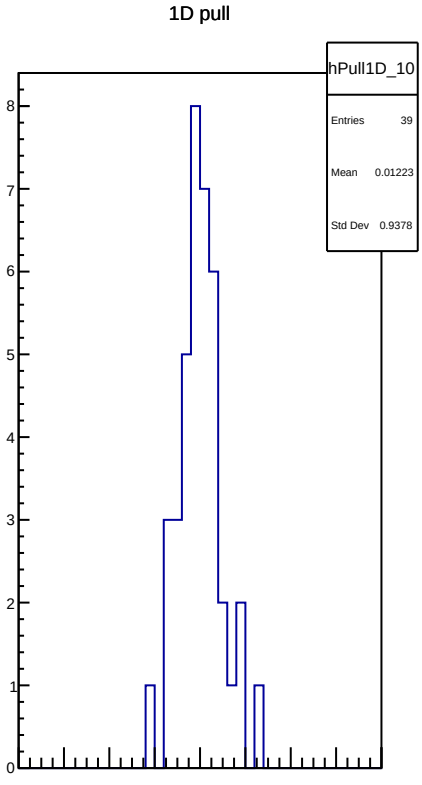

reg_asym_atl2_reg_asym_usl_dd_pull/ppm
reg_asym_atl2_reg_asym_usl_dd_pull/ppm
run.minirun

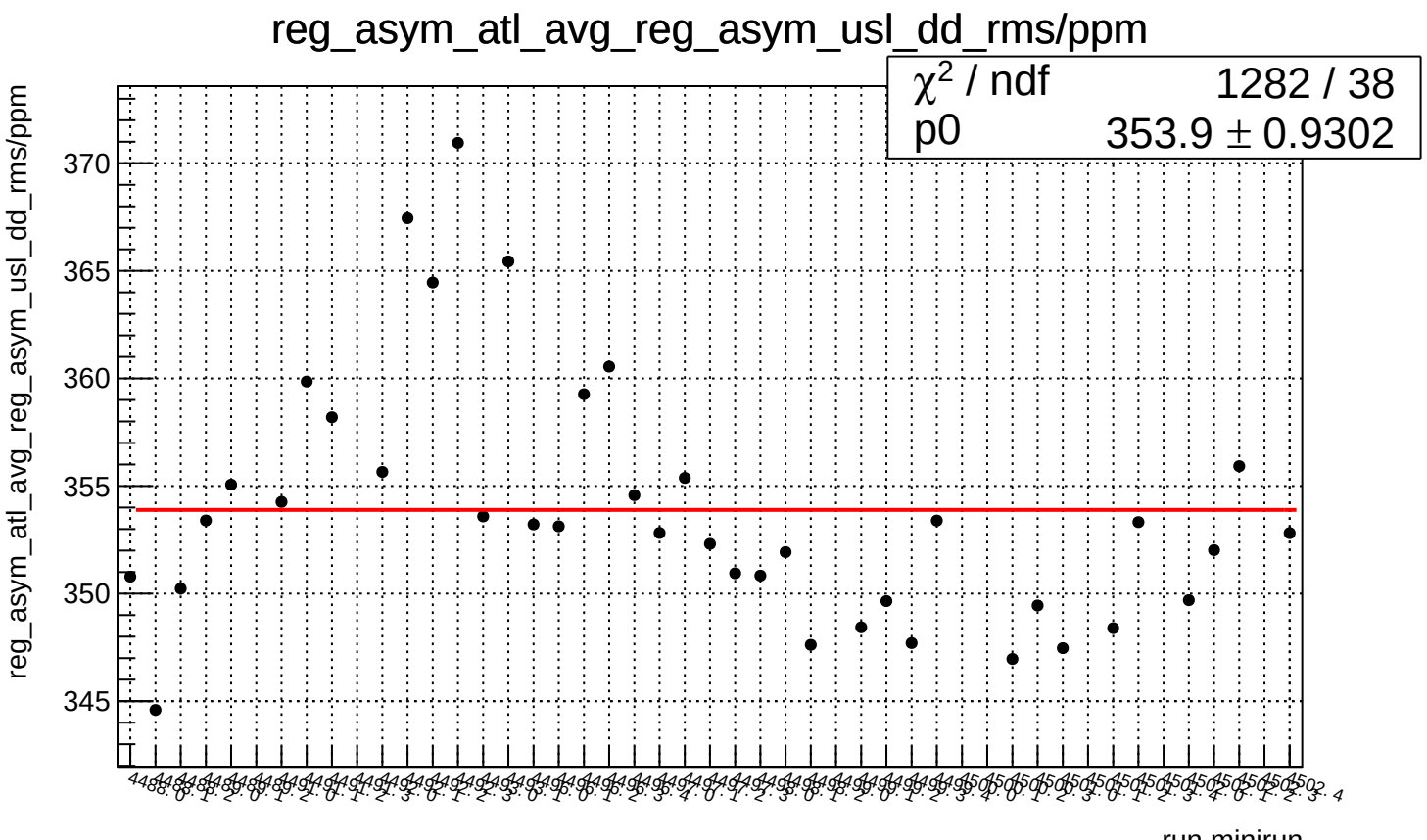

1D pull
hPull1D_9
Entries 39
Mean 0.008306
Std Dev 1.04

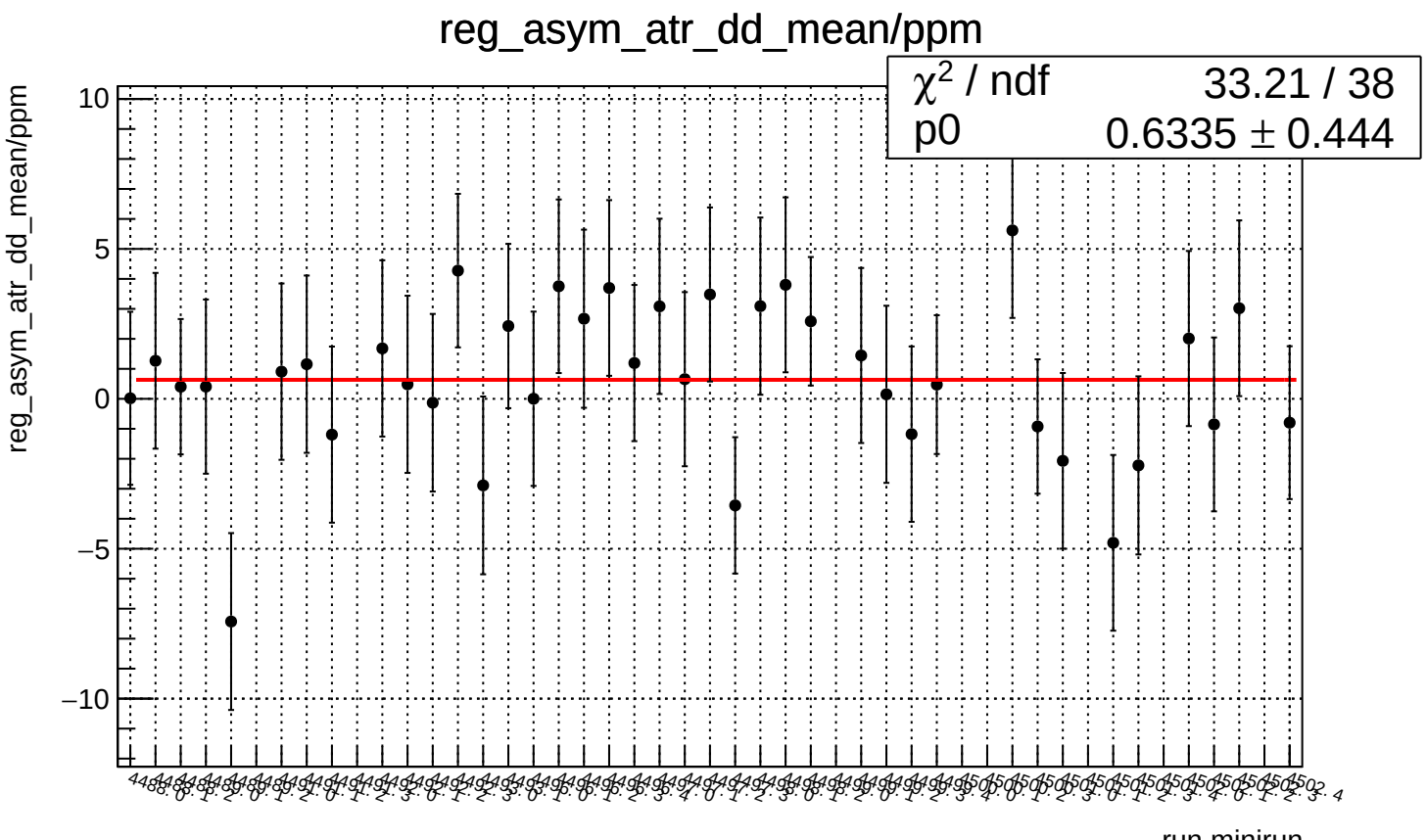

reg_asym_atl2_reg_asym_usl_dd_rms/ppm
χ2 / ndf 1.411e+04 / 38
p0 368.5 ± 3.086
reg_asym_atl2_reg_asym_usl_dd_rms/ppm
run.minirun

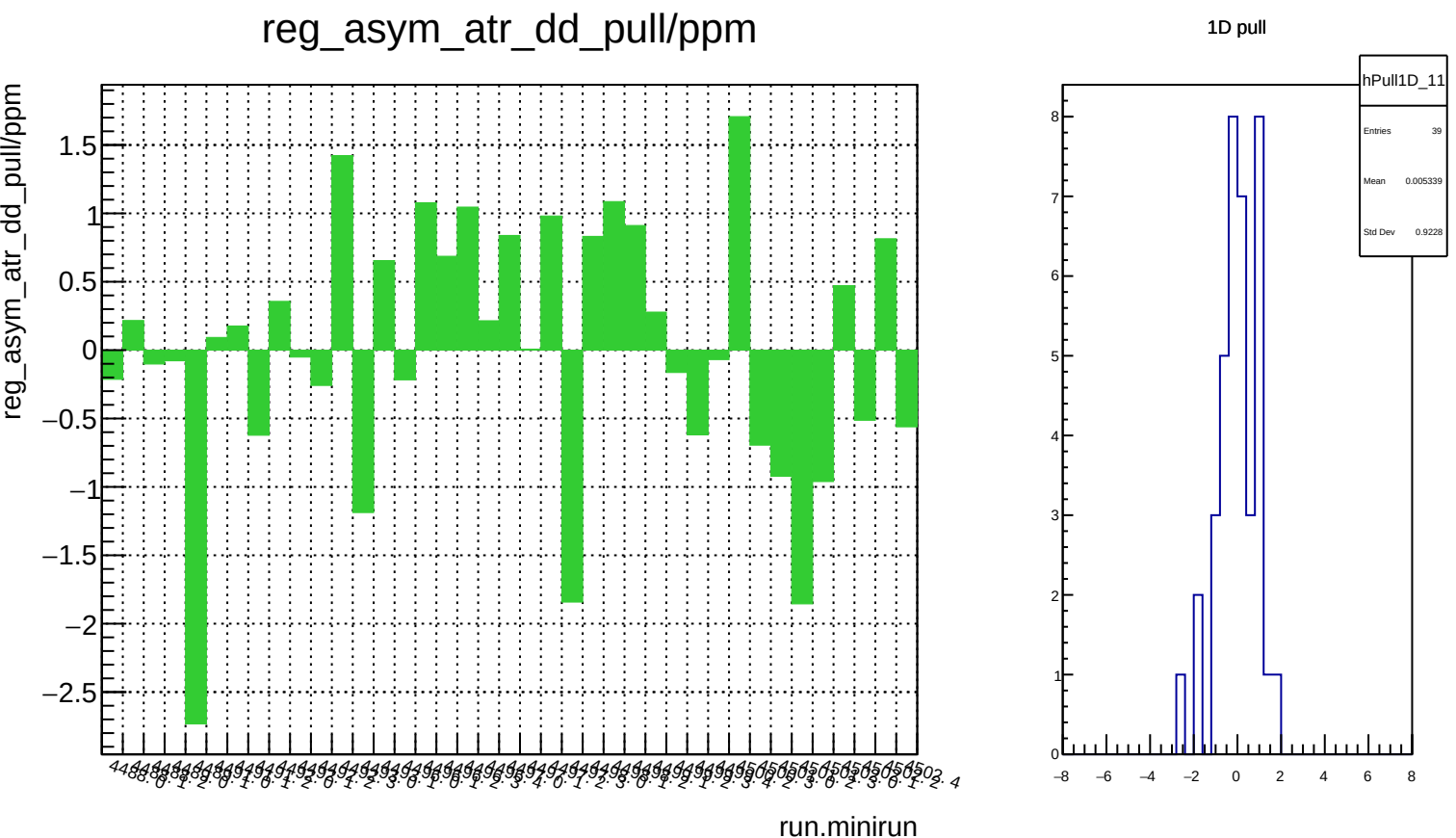

reg_asym_atl_avg_reg_asym_usl_dd_mean/ppm
χ2 / ndf 34.31 / 38
p0 −1.081 ± 0.5649
reg_asym_atl_avg_reg_asym_usl_dd_mean/ppm
10
5
0
−5
−10
run.minirun

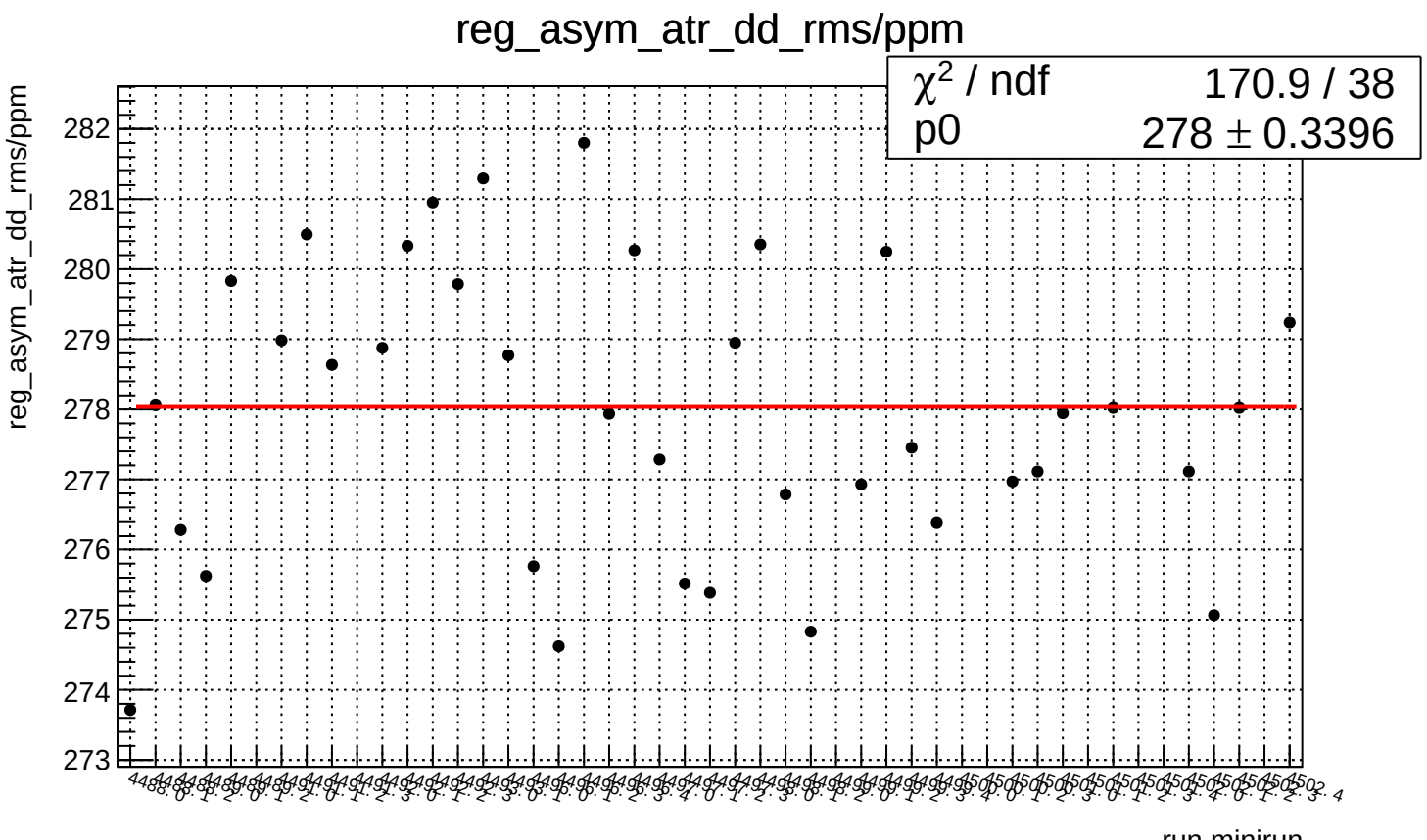

reg_asym_atl_avg_reg_asym_usl_dd_pull/ppm
reg_asym_atl_avg_reg_asym_usl_dd_pull/ppm
run.minirun

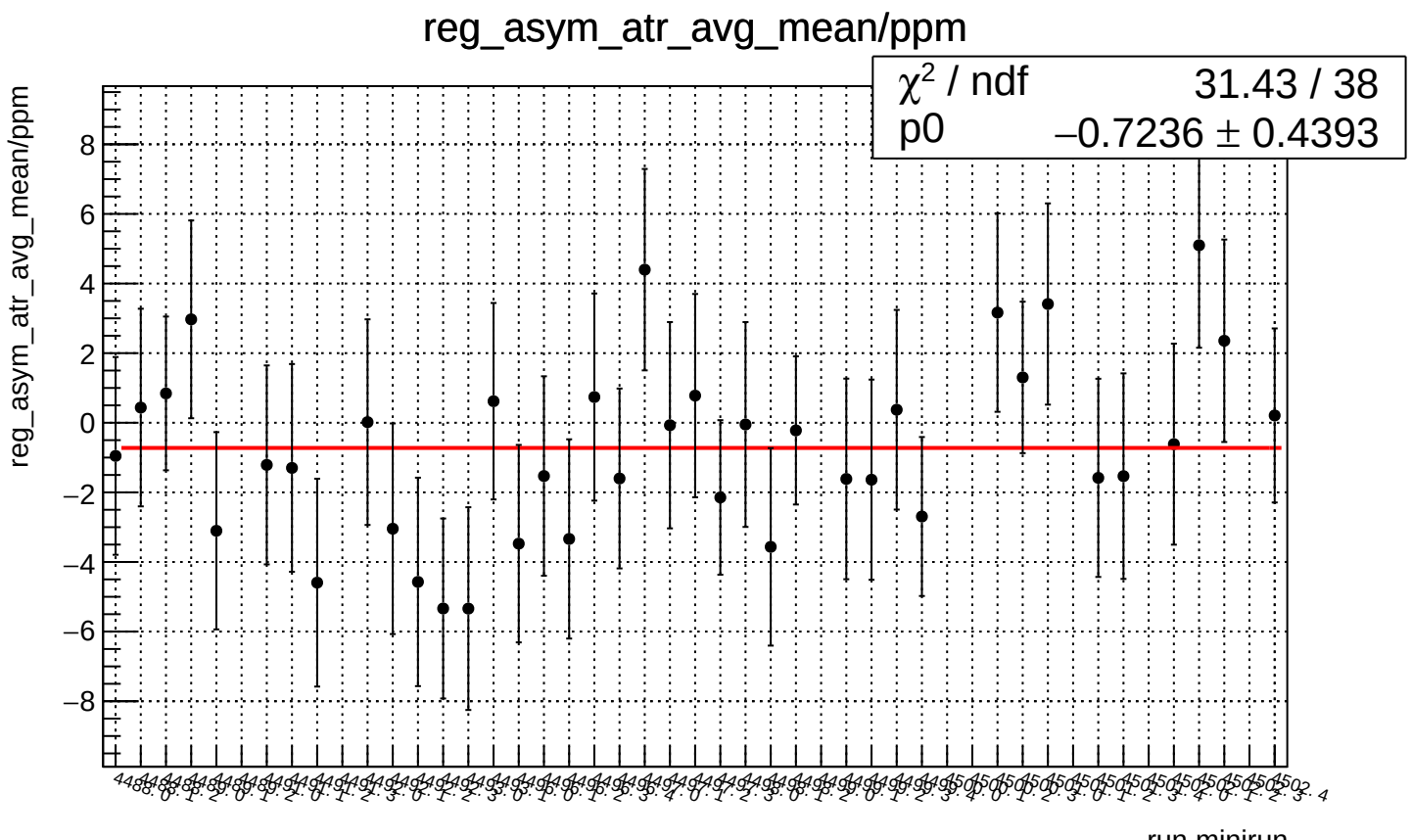

1D pull
hPull1D_10
Entries 39
Mean 0.01223
Std Dev 0.9378

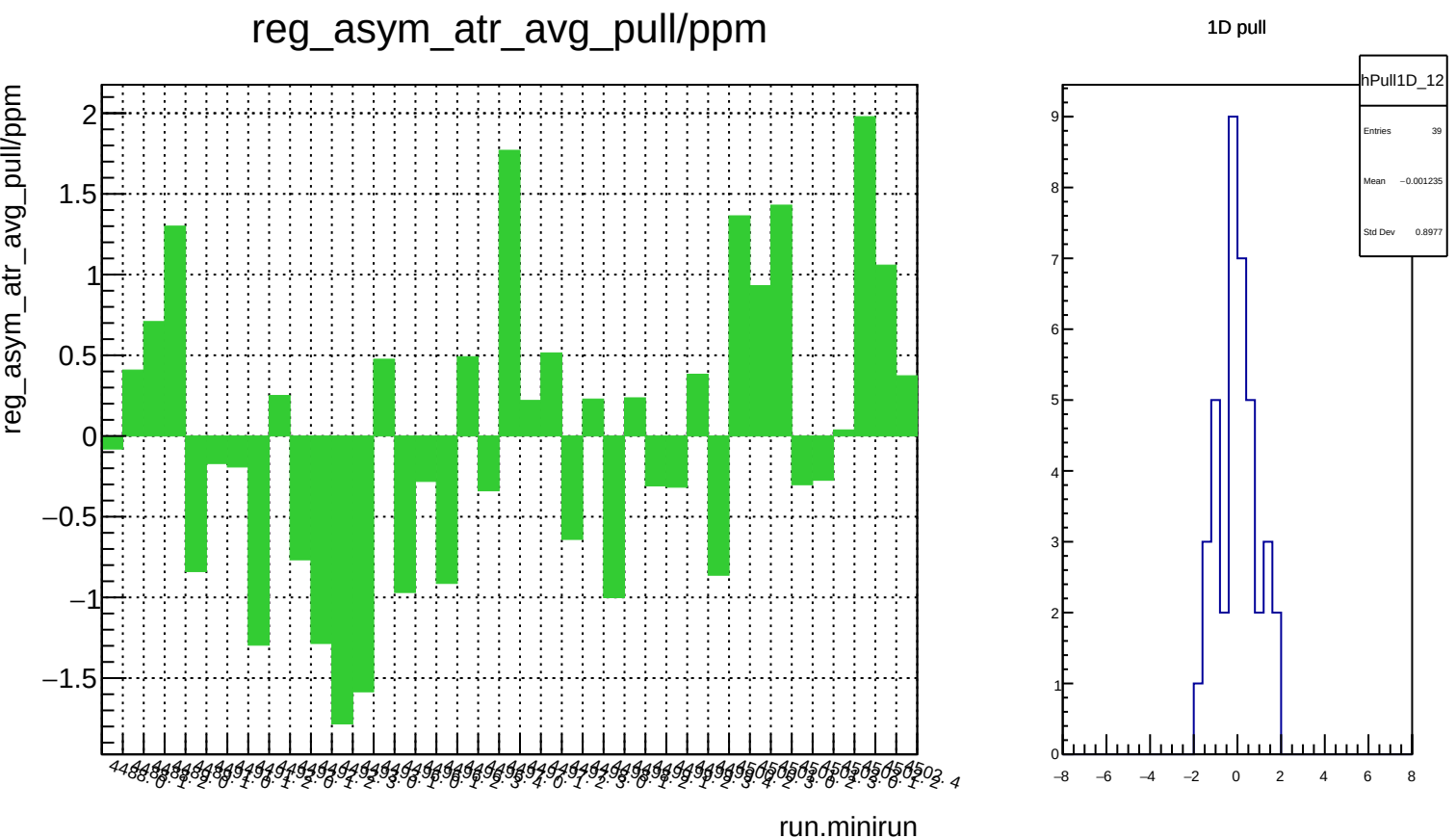

reg_asym_atl_avg_reg_asym_usl_dd_rms/ppm
χ2 / ndf 1282 / 38
p0 353.9 ± 0.9302
reg_asym_atl_avg_reg_asym_usl_dd_rms/ppm
run.minirun

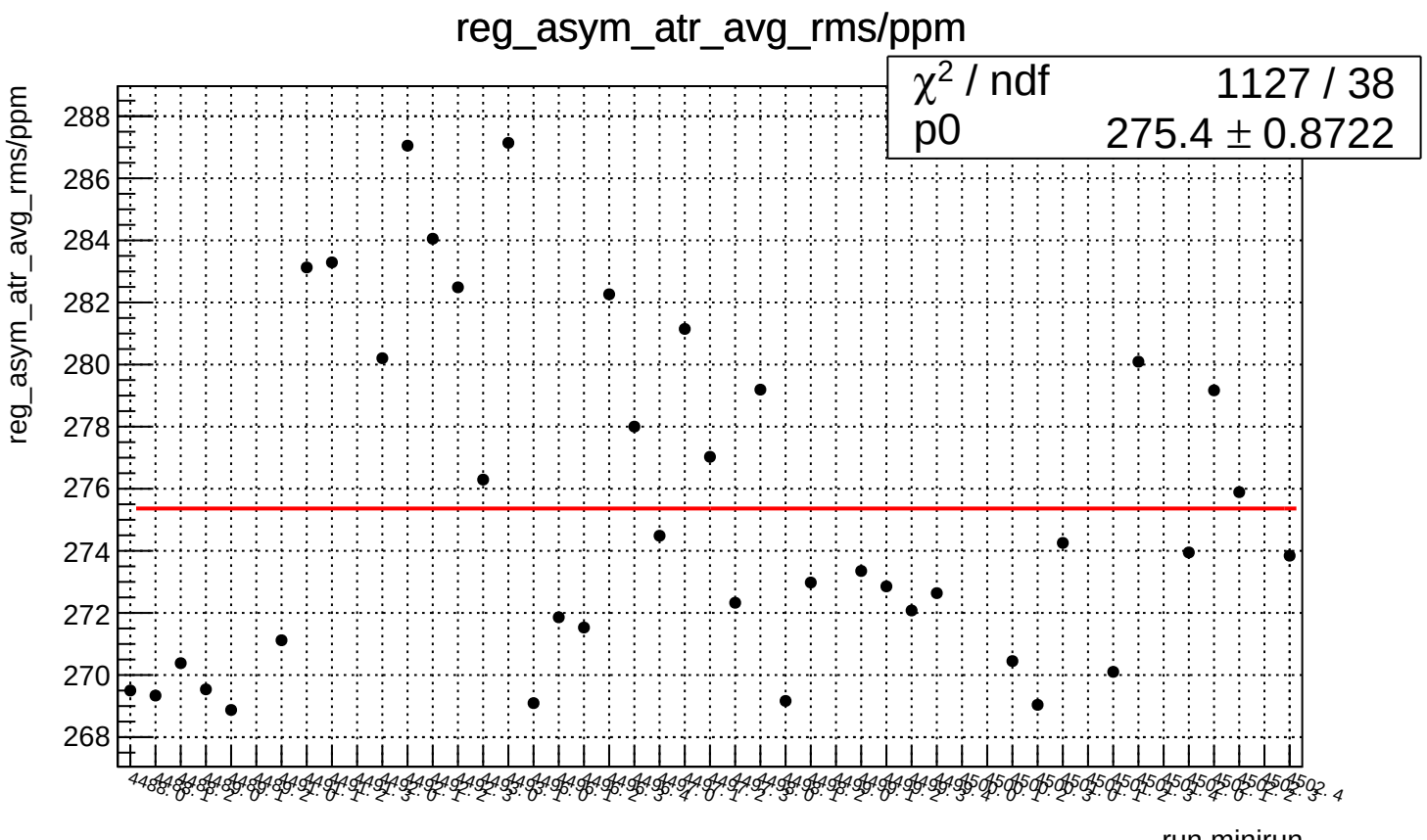

reg_asym_atr_dd_mean/ppm
χ^2 / ndf 33.21 / 38
p0 0.6335 ± 0.444
reg_asym_atr_dd_mean/ppm
10
5
0
−5
−10
run.minirun

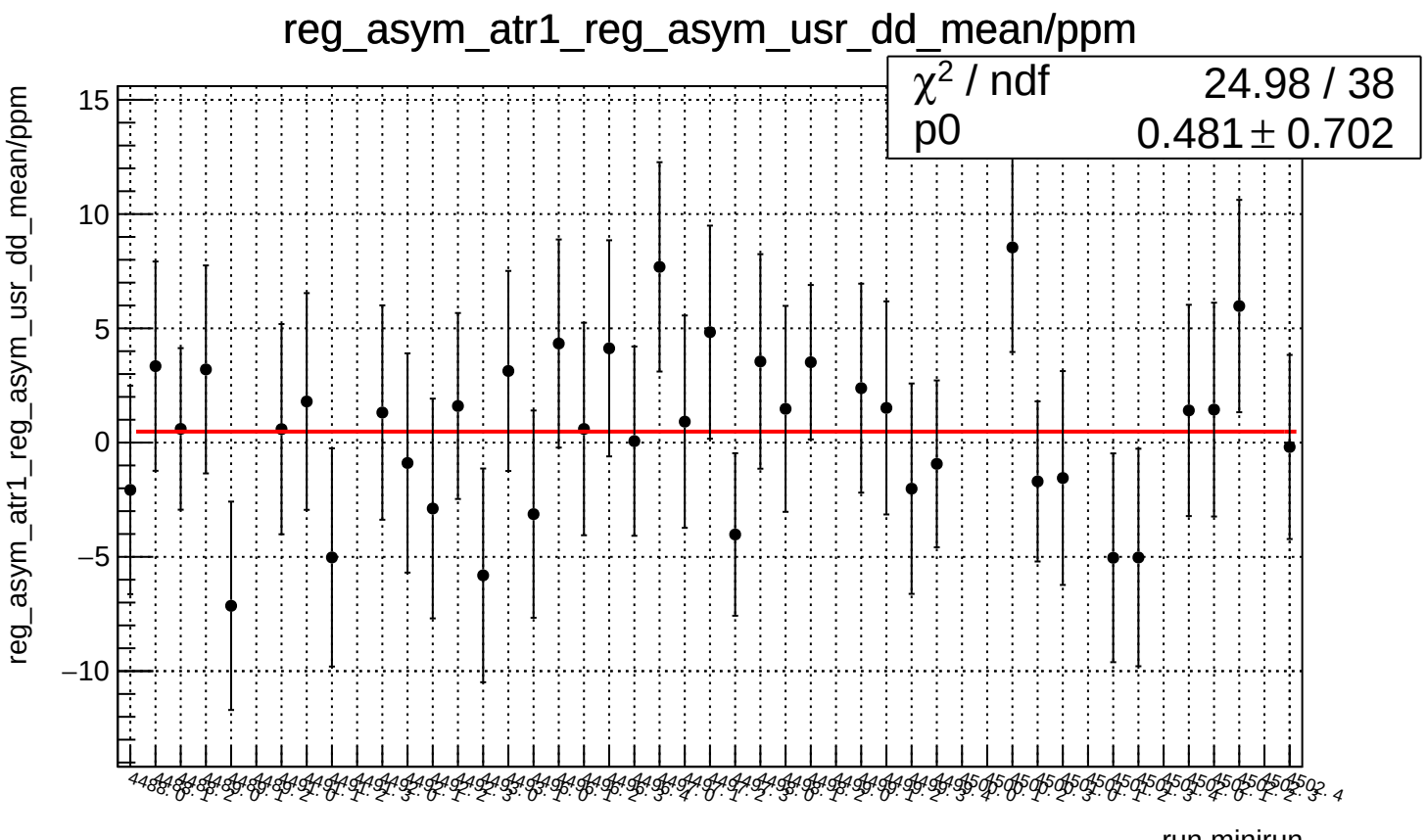

reg_asym_atr_dd_pull/ppm
reg_asym_atr_dd_pull/ppm
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5
run.minirun
1D pull
hPull1D_11
Entries 39
Mean 0.005339
Std Dev 0.9228
8
7
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

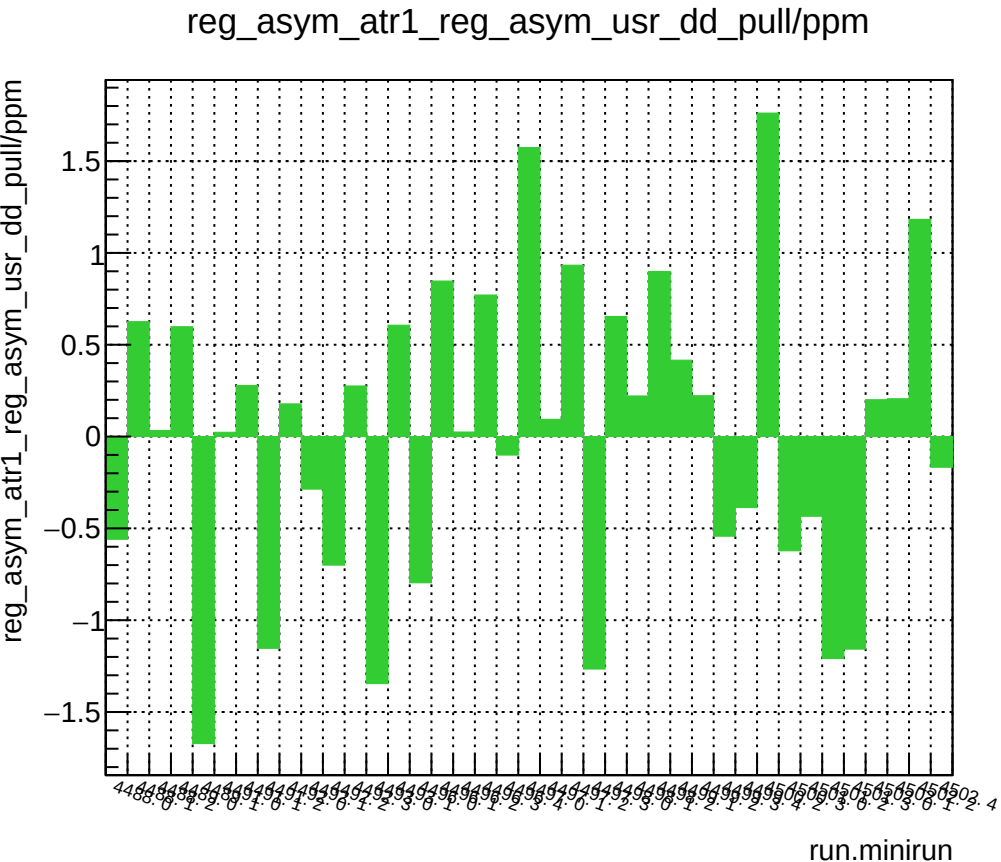

reg_asym_atr_dd_rms/ppm
χ2 / ndf 170.9 / 38
p0 278 ± 0.3396
reg_asym_atr_dd_rms/ppm
282
281
280
279
278
277
276
275
274
273
run.minirun

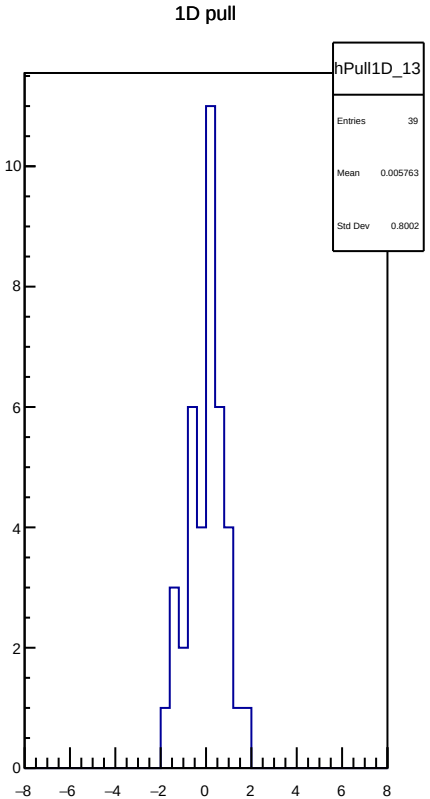

reg_asym_atr_avg_mean/ppm
χ² / ndf 31.43 / 38
p0 –0.7236 ± 0.4393
reg_asym_atr_avg_mean/ppm
run.minirun

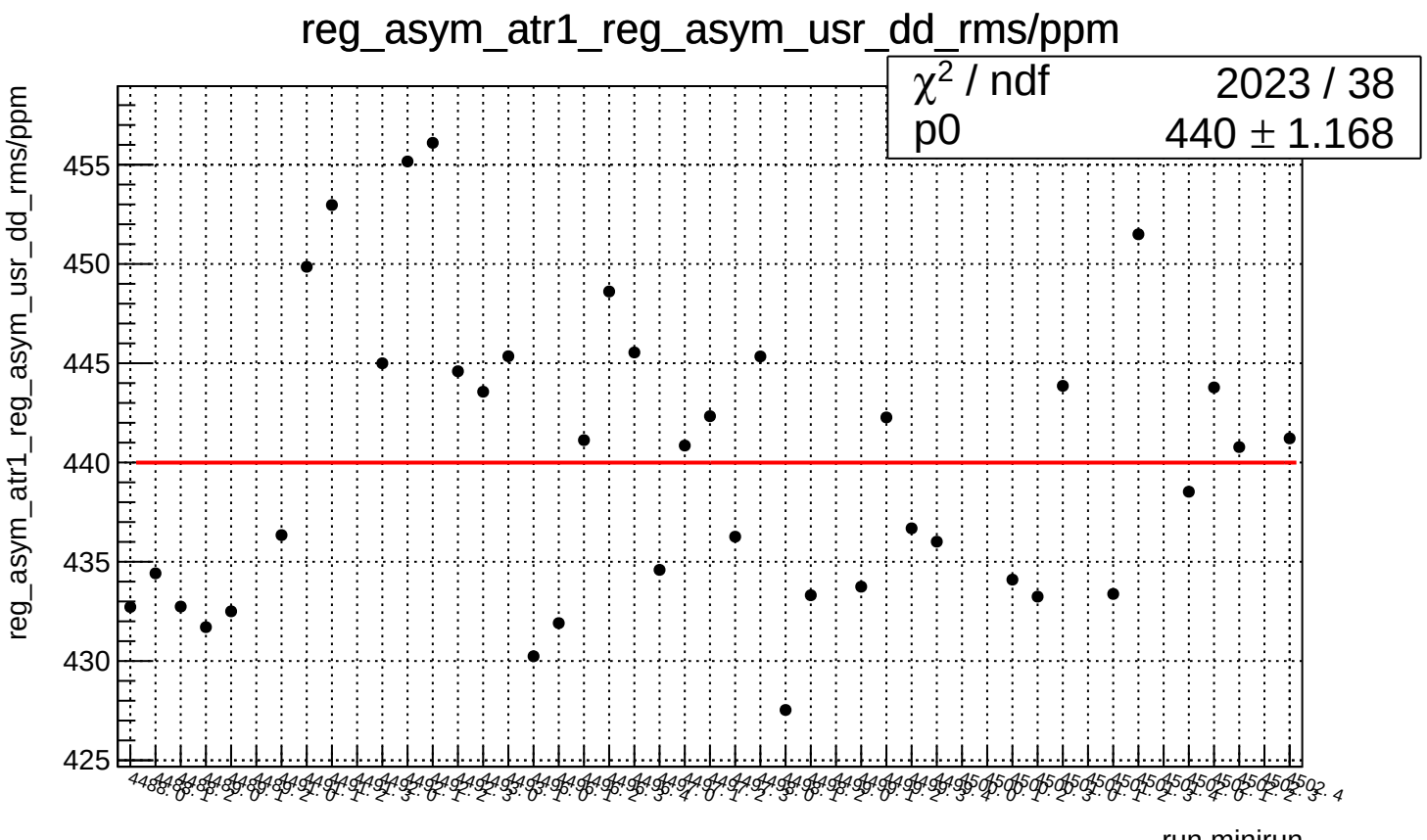

reg_asym_atr_avg_pull/ppm
reg_asym_atr_avg_pull/ppm
run.minirun
1D pull
hPull1D_12
Entries 39
Mean −0.001235
Std Dev 0.8977

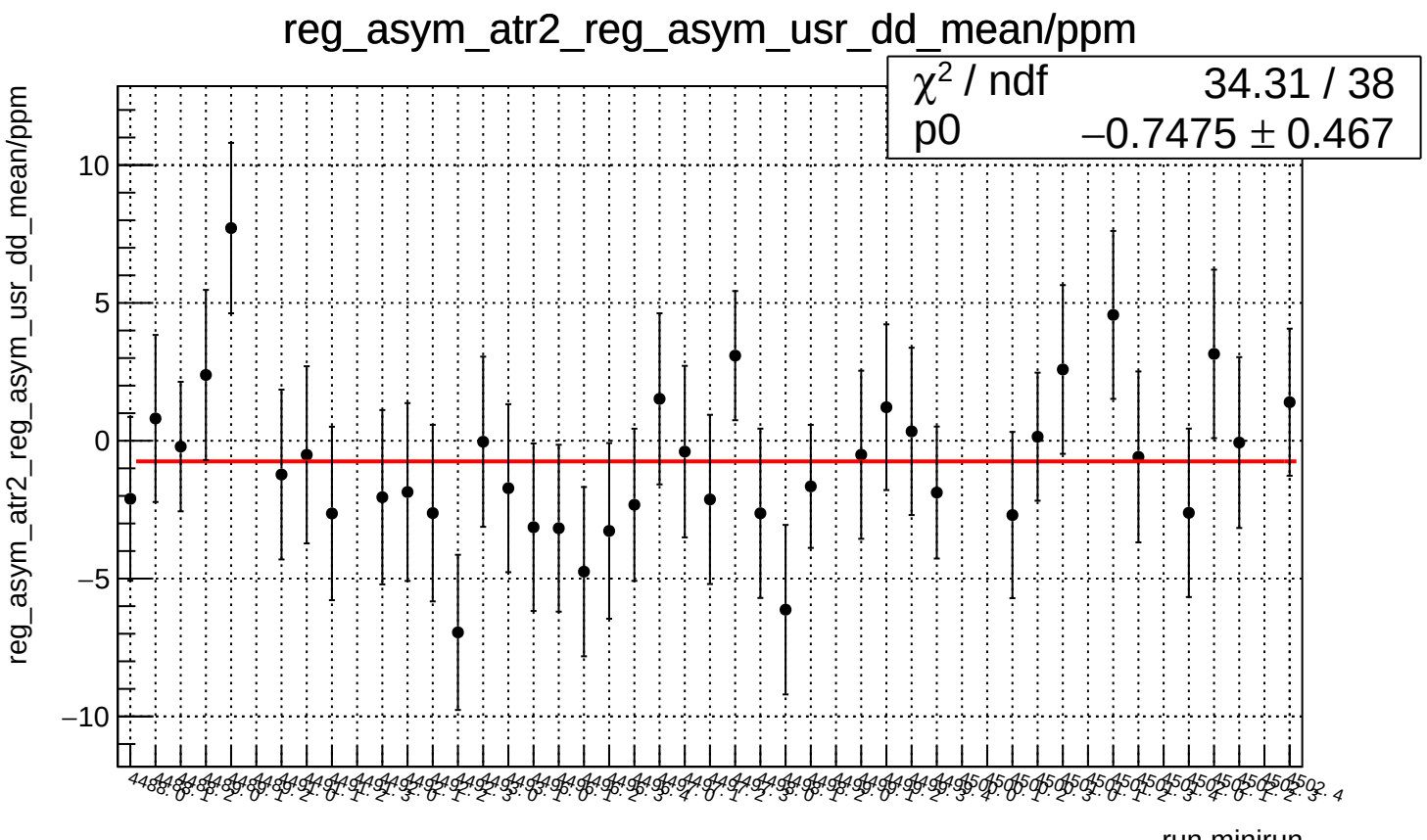

reg_asym_atr_avg_rms/ppm
χ^2 / ndf 1127 / 38
p0 275.4 ± 0.8722
reg_asym_atr_avg_rms/ppm
288
286
284
282
280
278
276
274
272
270
268
run.minirun

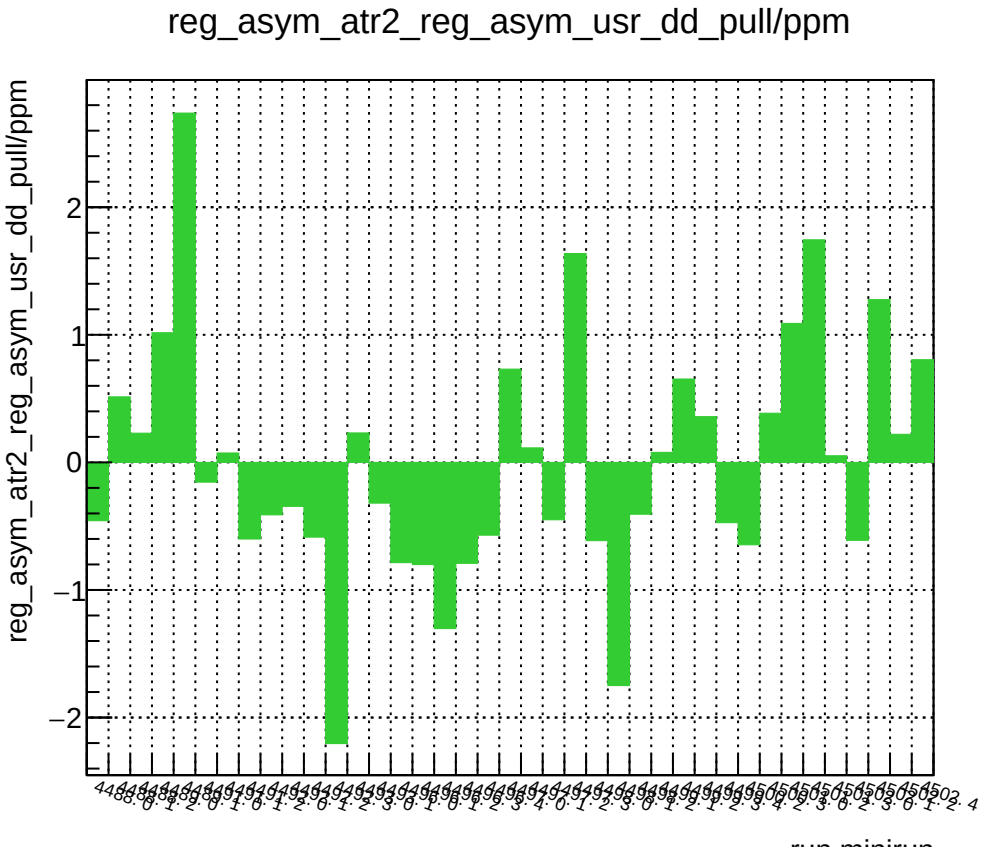

reg_asym_atr1_reg_asym_usr_dd_mean/ppm
χ2 / ndf 24.98 / 38
p0 0.481 ± 0.702
reg_asym_atr1_reg_asym_usr_dd_mean/ppm
run.minirun

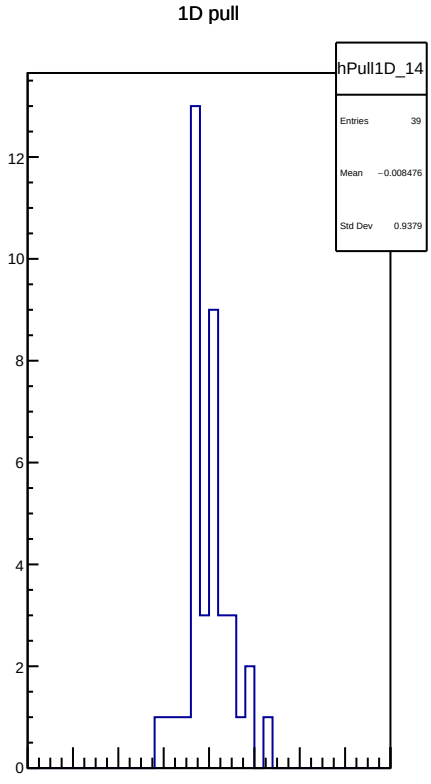

reg_asym_atr1_reg_asym_usr_dd_pull/ppm
reg_asym_atr1_reg_asym_usr_dd_pull/ppm
1.5
1
0.5
0
−0.5
−1
−1.5
run.minirun

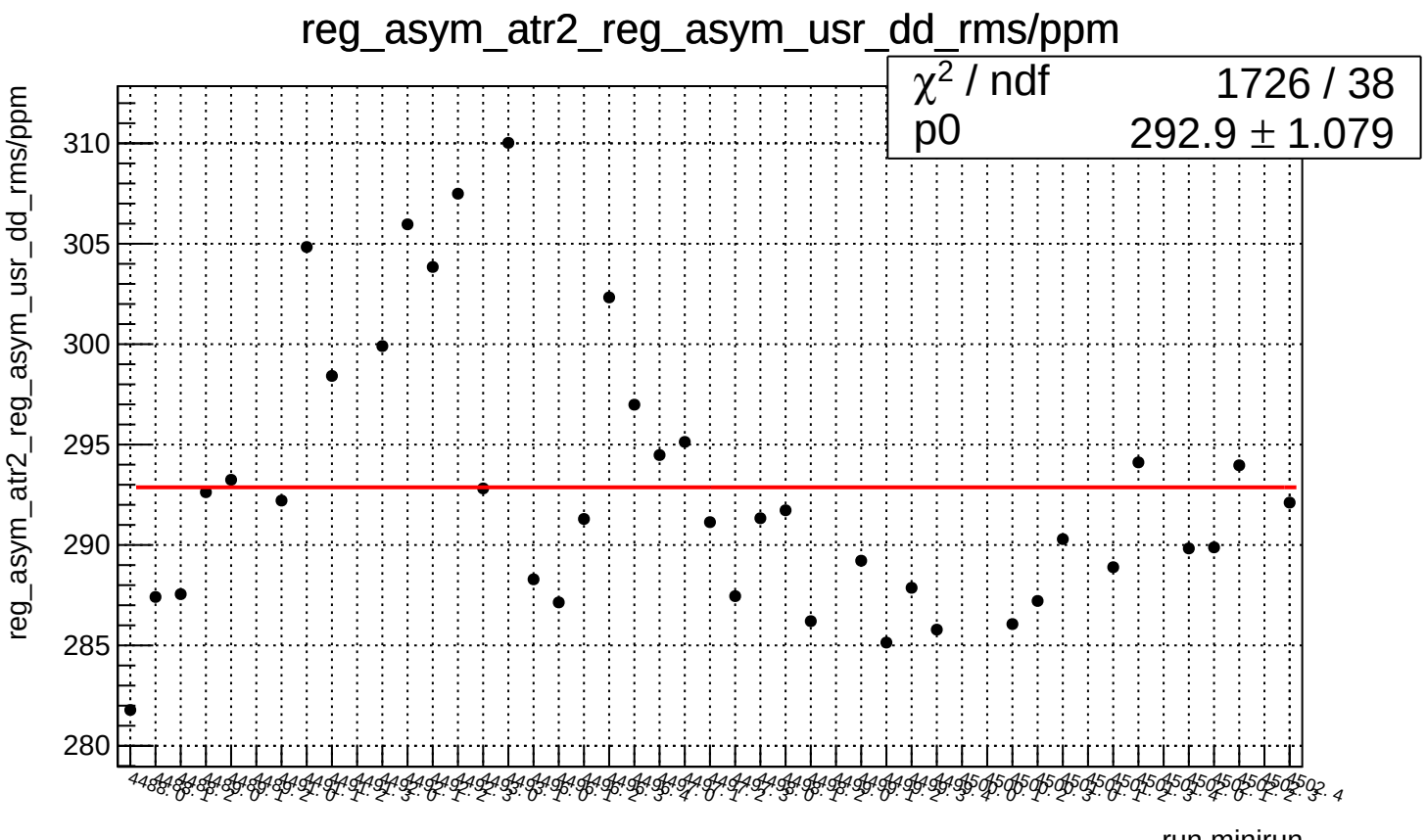

1D pull
hPull1D_13
Entries 39
Mean 0.005763
Std Dev 0.8002
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

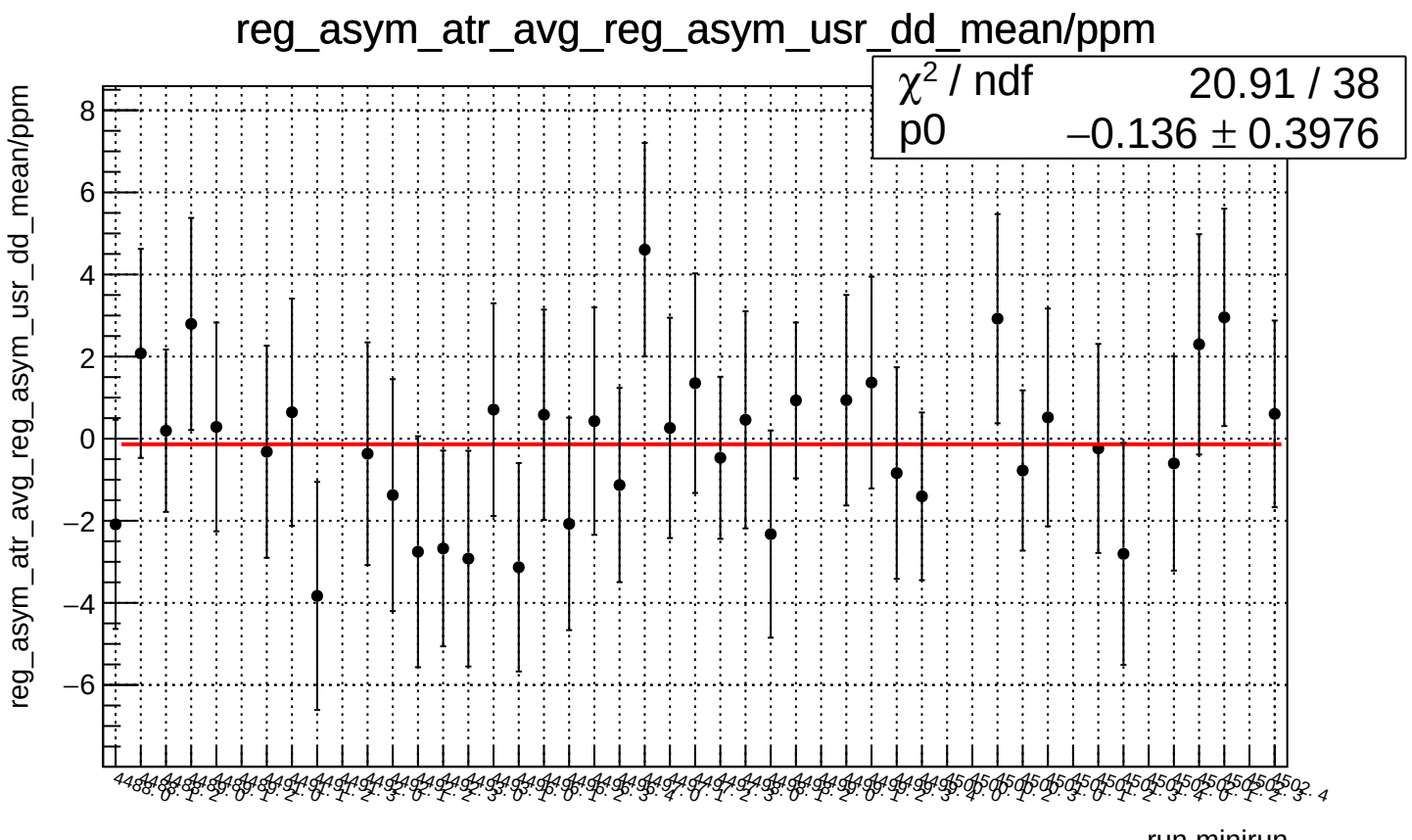

reg_asym_atr1_reg_asym_usr_dd_rms/ppm
χ^2 / ndf 2023 / 38
p0 440 ± 1.168
reg_asym_atr1_reg_asym_usr_dd_rms/ppm
run.minirun

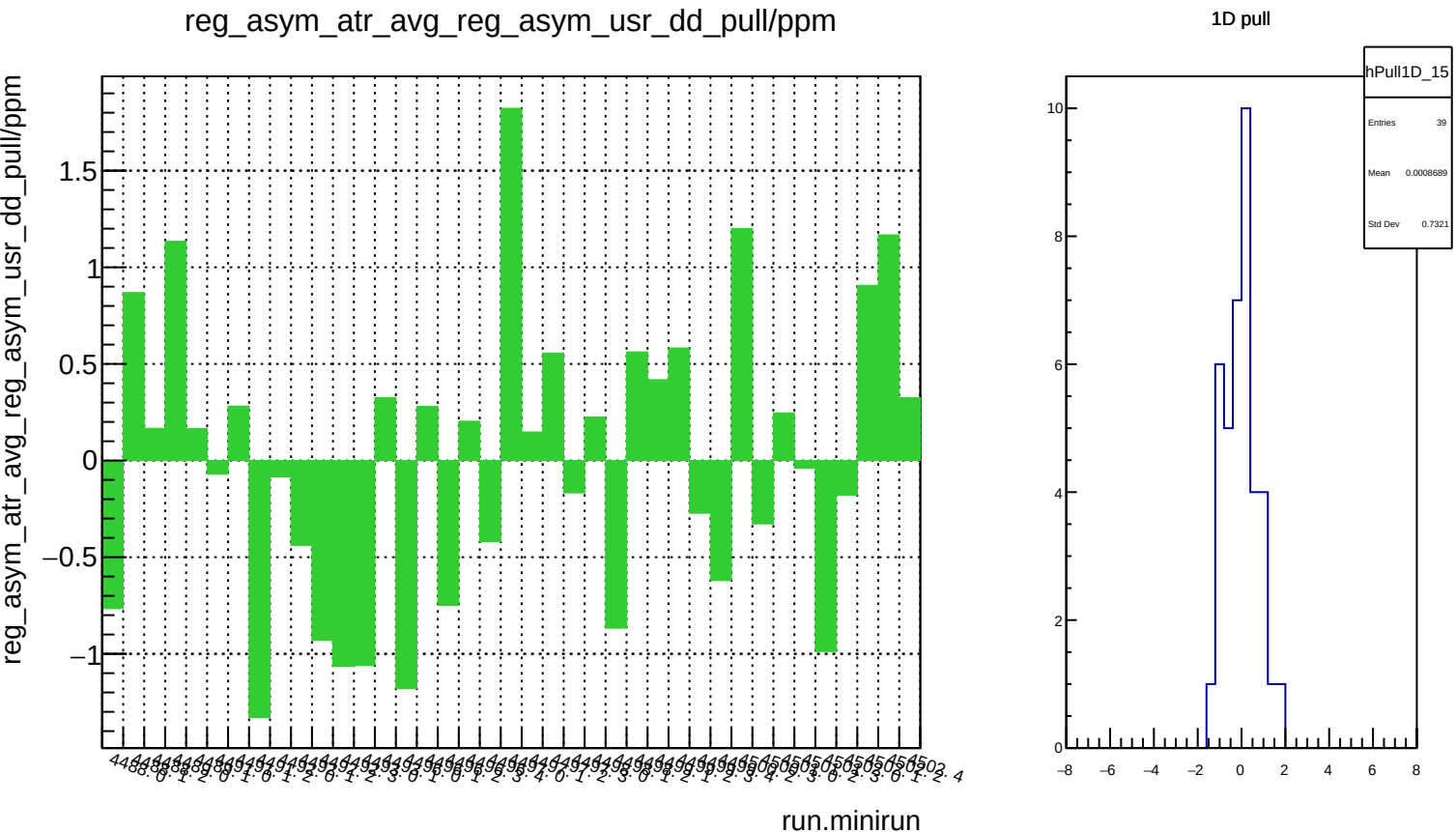

reg_asym_atr2_reg_asym_usr_dd_mean/ppm
χ² / ndf 34.31 / 38
p0 −0.7475 ± 0.467
reg_asym_atr2_reg_asym_usr_dd_mean/ppm
10
5
0
−5
−10
run.minirun

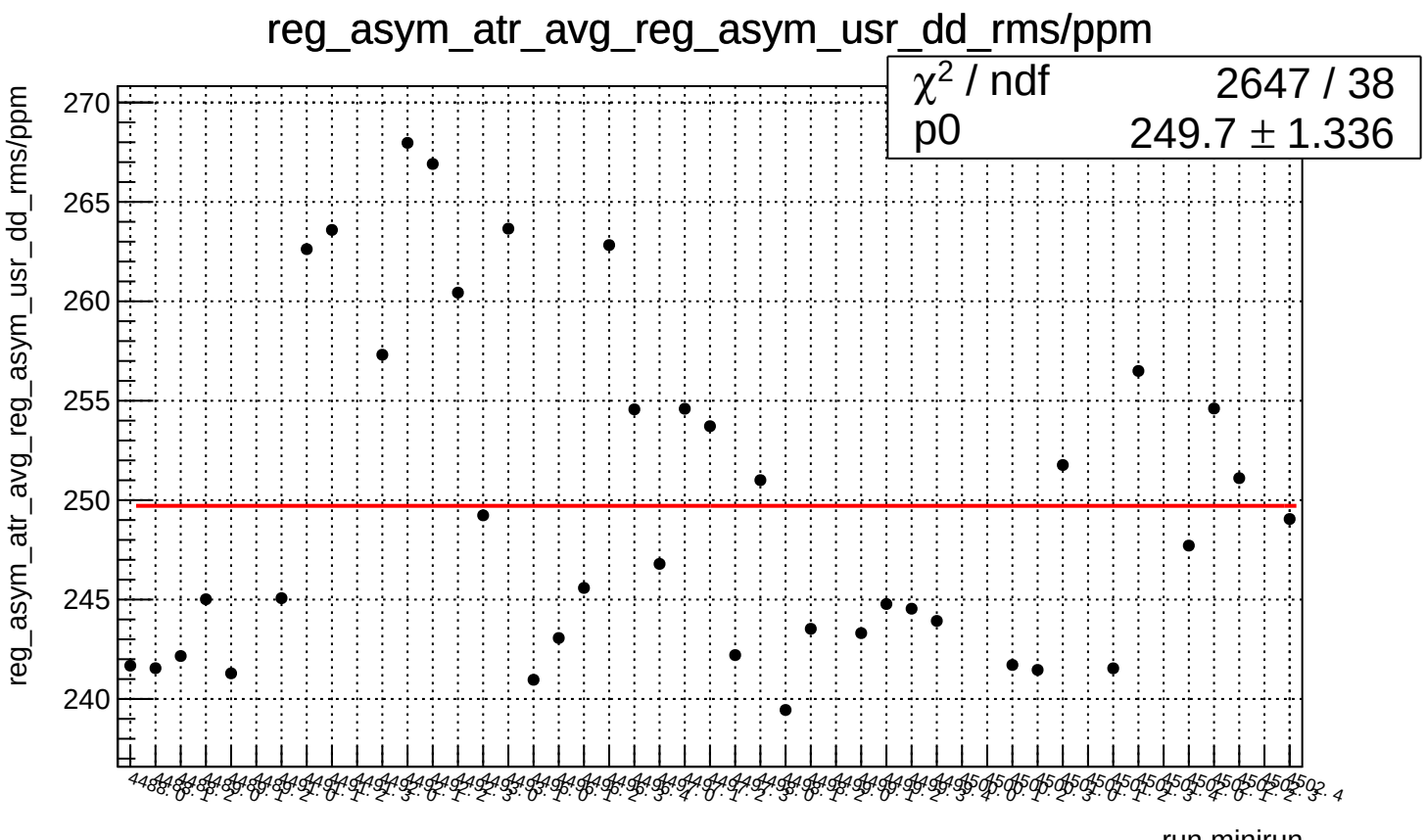

reg_asym_atr2_reg_asym_usr_dd_pull/ppm
reg_asym_atr2_reg_asym_usr_dd_pull/ppm
run.minirun


1D pull
hPull1D_14
Entries 39
Mean −0.008476
Std Dev 0.9379


reg_asym_atr2_reg_asym_usr_dd_rms/ppm
χ2 / ndf 1726 / 38
p0 292.9 ± 1.079
reg_asym_atr2_reg_asym_usr_dd_rms/ppm
310
305
300
295
290
285
280
run.minirun


reg_asym_atr_avg_reg_asym_usr_dd_mean/ppm
χ² / ndf 20.91 / 38
p0 −0.136 ± 0.3976
reg_asym_atr_avg_reg_asym_usr_dd_mean/ppm
8
6
4
2
0
−2
−4
−6
run.minirun


reg_asym_atr_avg_reg_asym_usr_dd_pull/ppm
reg_asym_atr_avg_reg_asym_usr_dd_pull/ppm
1.5
1
0.5
0
−0.5
−1
run.minirun
1D pull
hPull1D_15
Entries 39
Mean 0.0008689
Std Dev 0.7321
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8


reg_asym_atr_avg_reg_asym_usr_dd_rms/ppm
χ2 / ndf 2647 / 38
p0 249.7 ± 1.336
reg_asym_atr_avg_reg_asym_usr_dd_rms/ppm
270
265
260
255
250
245
240
run.minirun