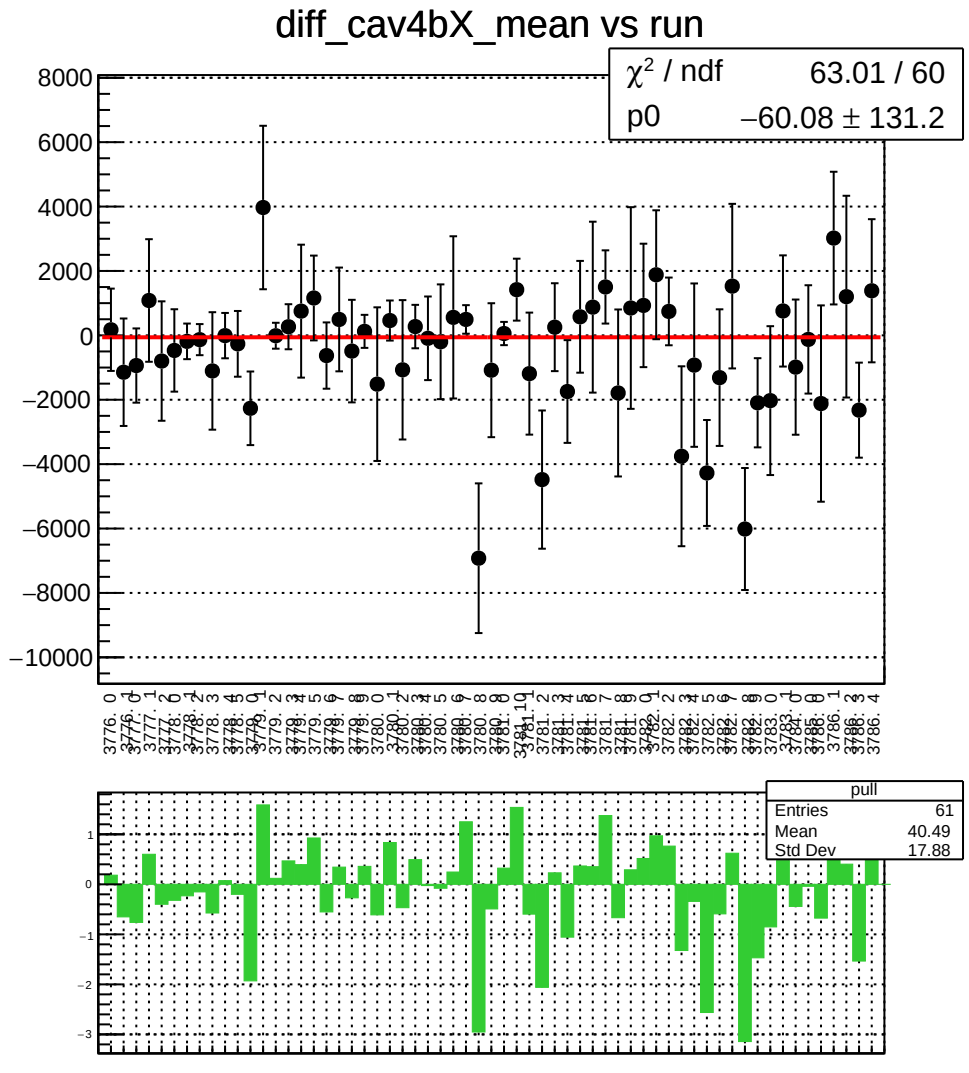
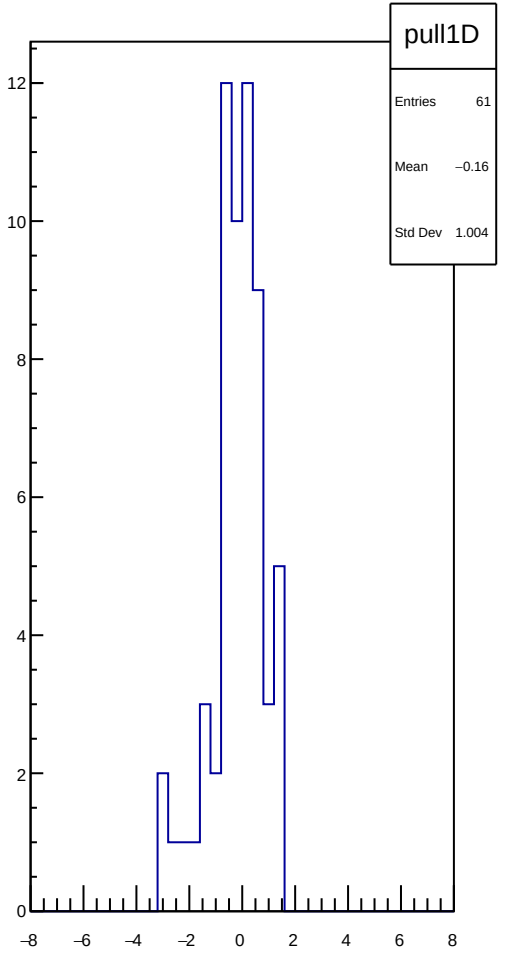
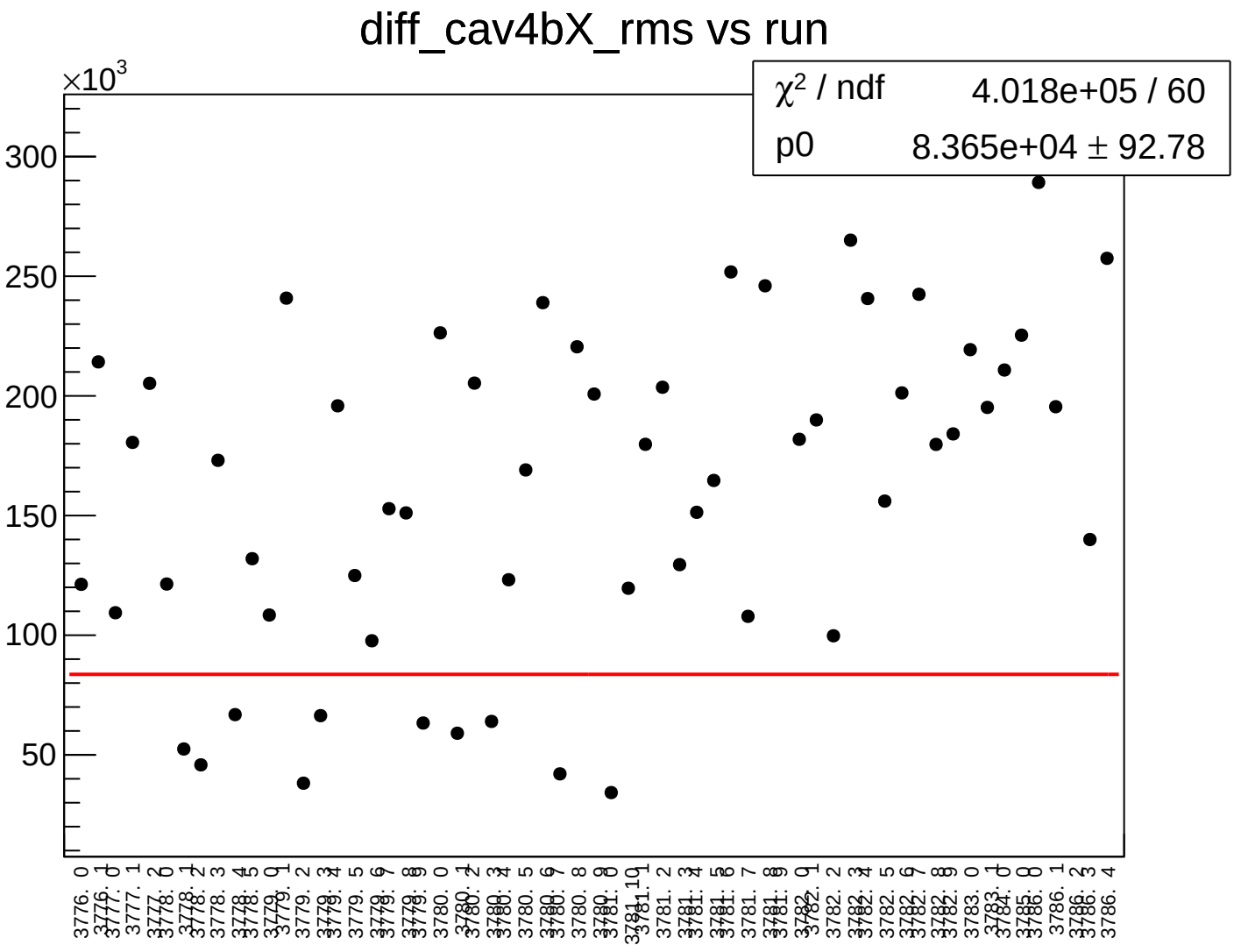
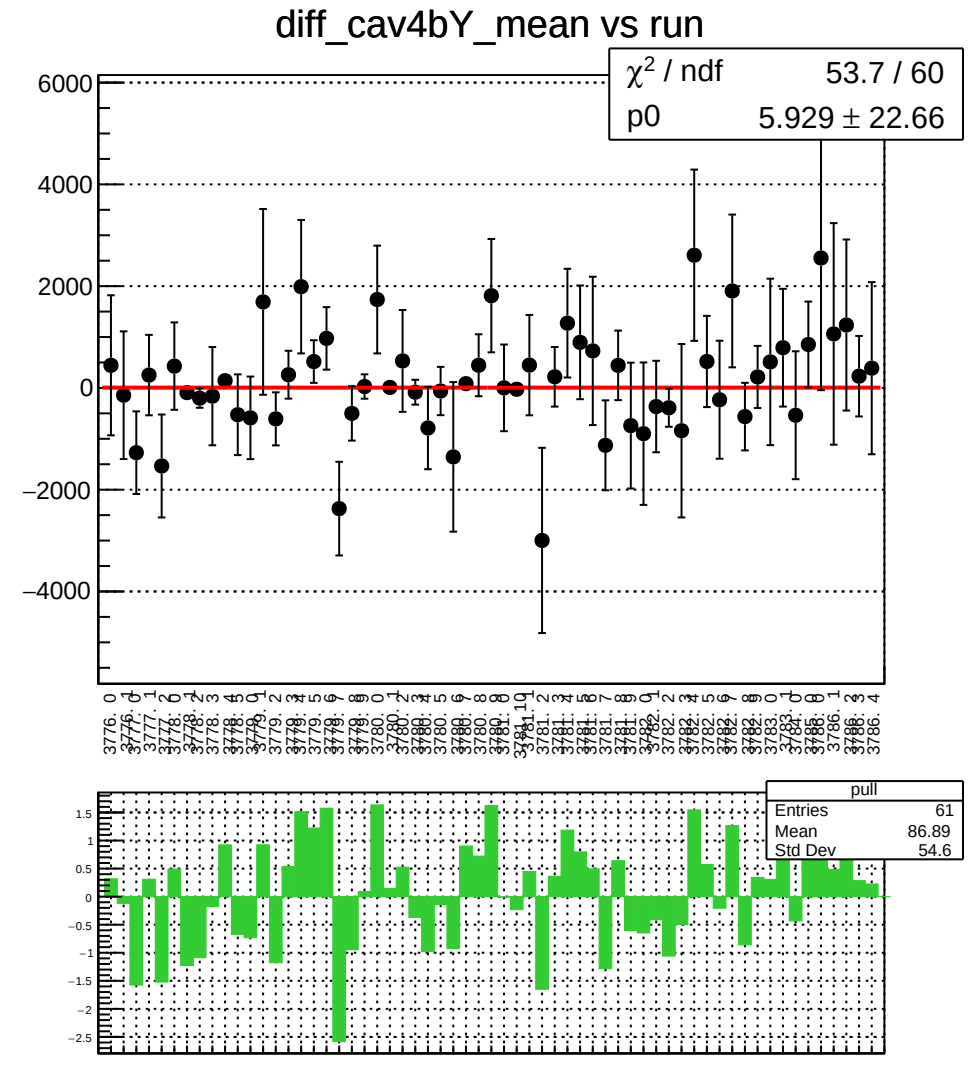
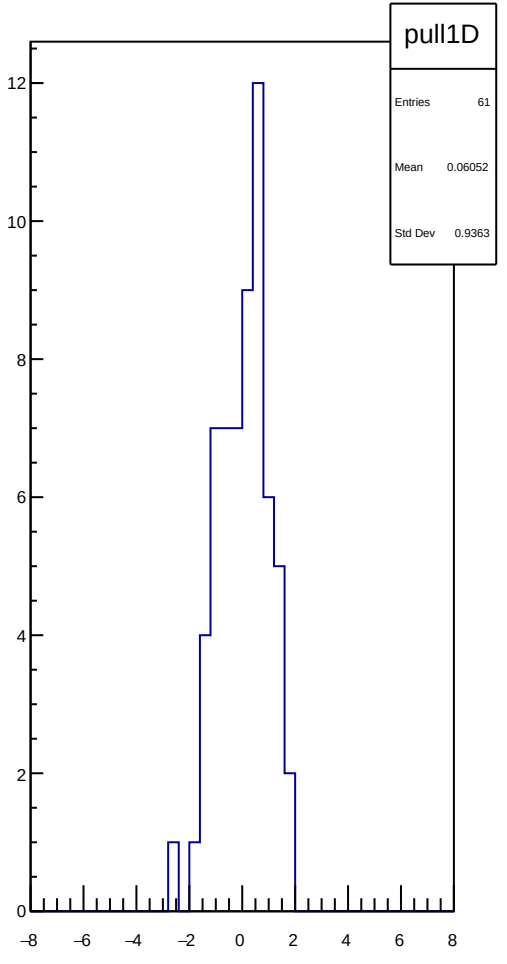
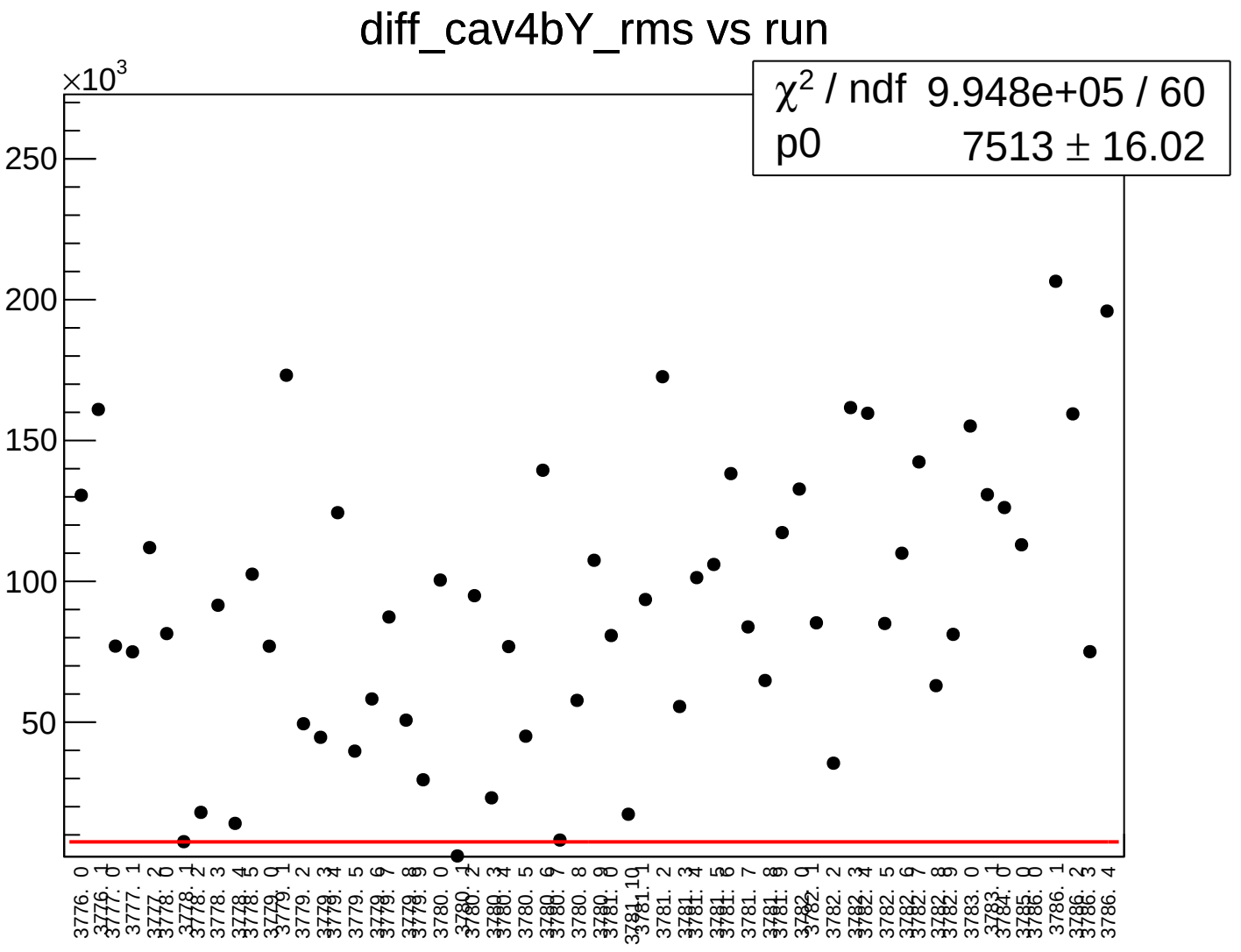

diff_cav4bX_mean vs run
χ² / ndf 63.01 / 60
p0 −60.08 ± 131.2
pull
Entries 61
Mean 40.49
Std Dev 17.88

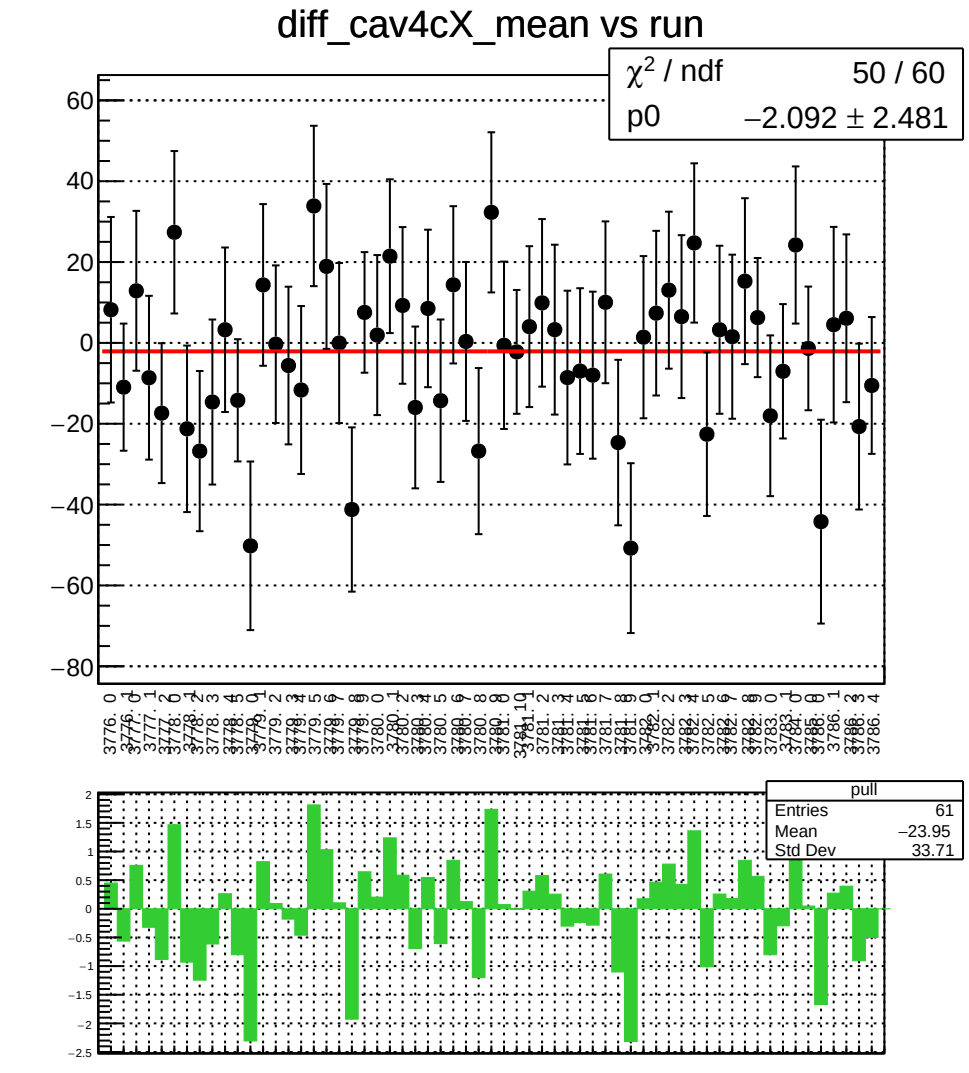

pull1D
Entries 61
Mean −0.16
Std Dev 1.004

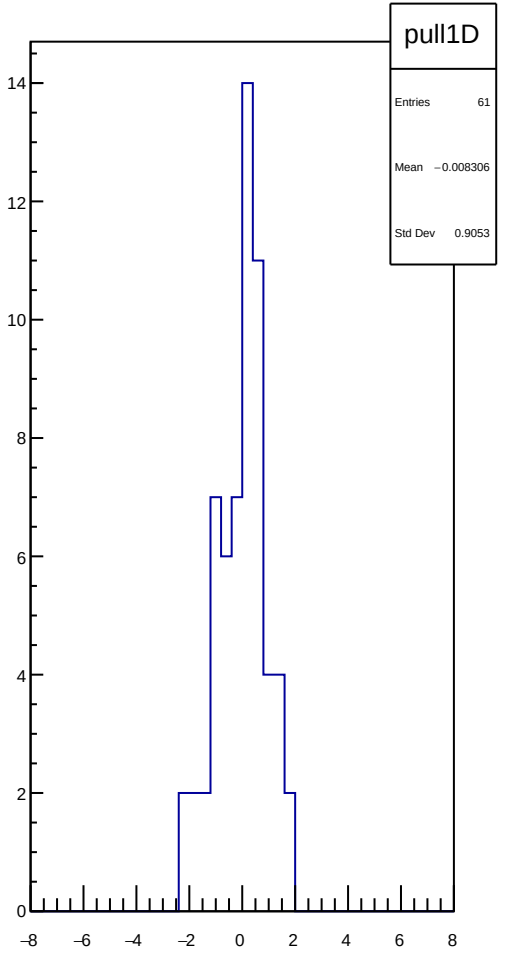

diff_cav4bX_rms vs run
×10^3
χ^2 / ndf 4.018e+05 / 60
p0 8.365e+04 ± 92.78
300
250
200
150
100
50

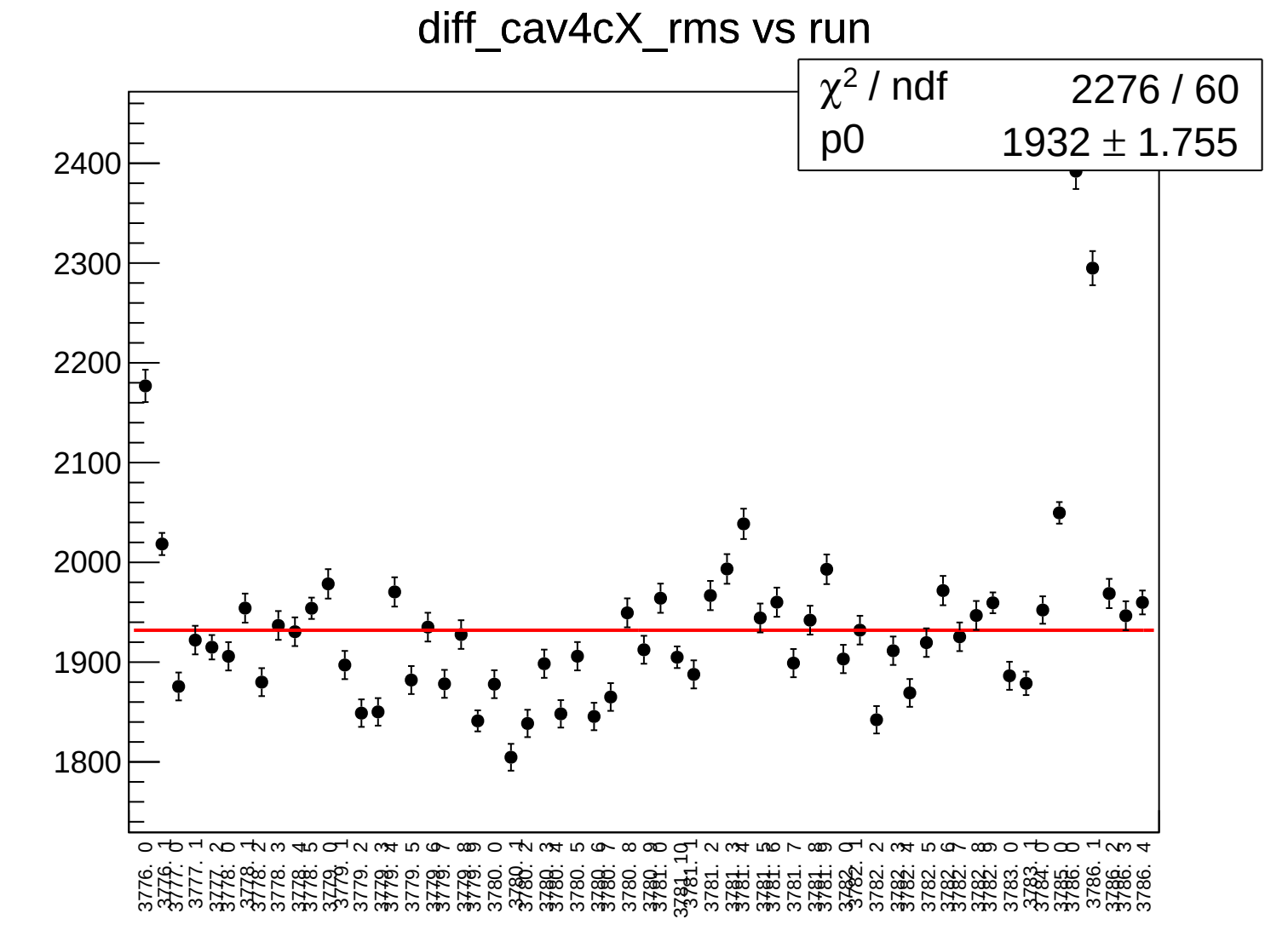

diff_cav4bY_mean vs run
χ² / ndf 53.7 / 60
p0 5.929 ± 22.66
pull
Entries 61
Mean 86.89
Std Dev 54.6

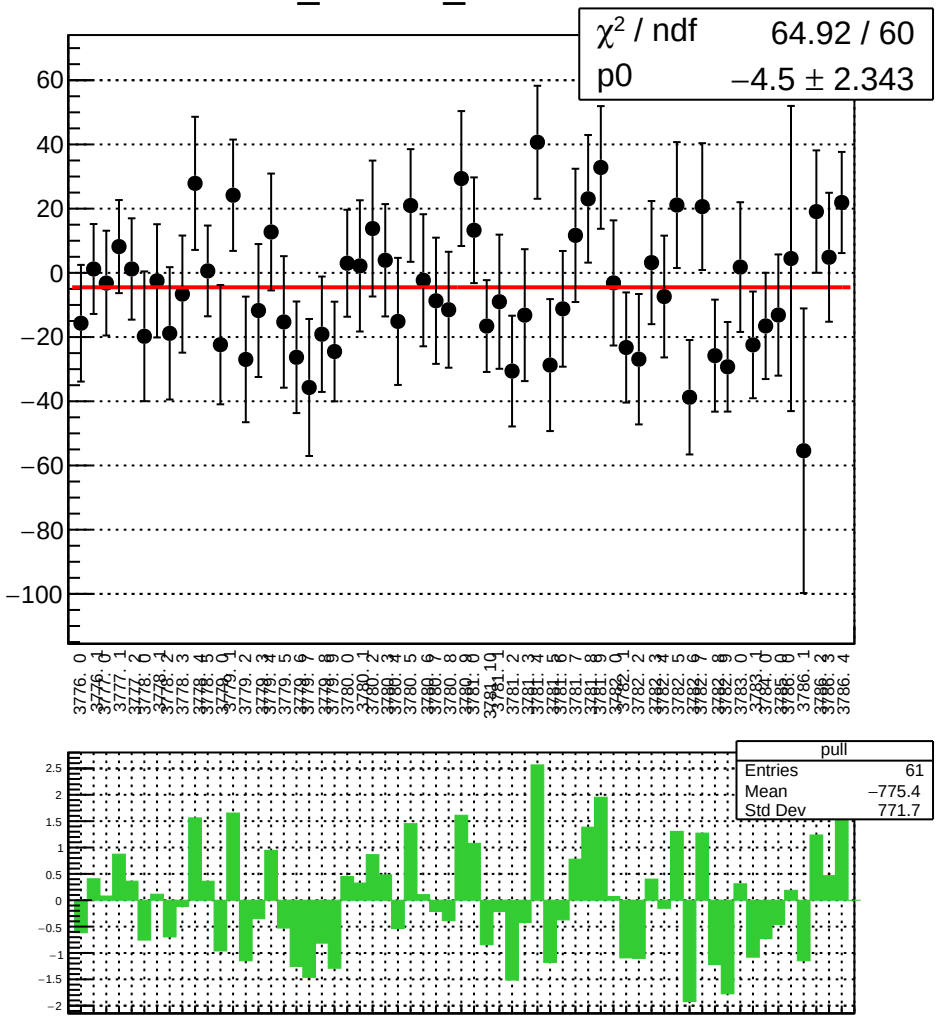

pull1D
Entries 61
Mean 0.06052
Std Dev 0.9363

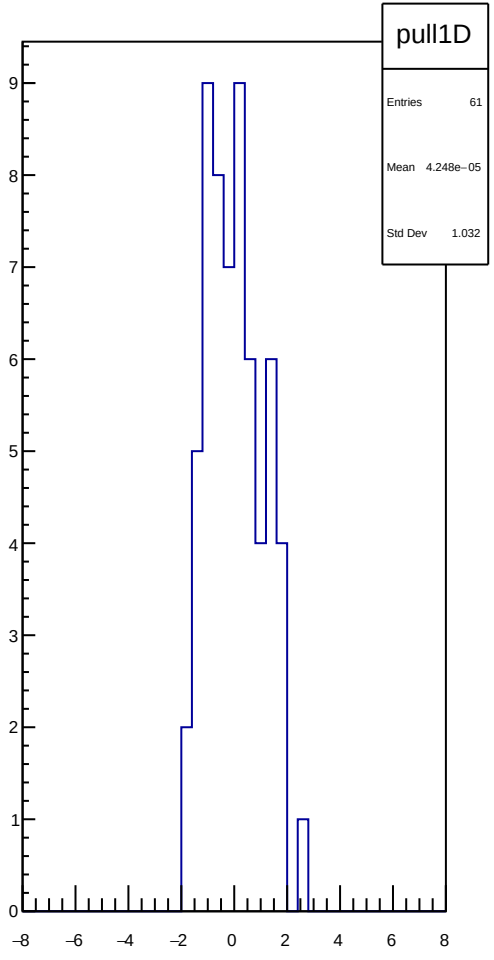

diff_cav4bY_rms vs run
×10^3
250
200
150
100
50
χ² / ndf 9.948e+05 / 60
p0 7513 ± 16.02

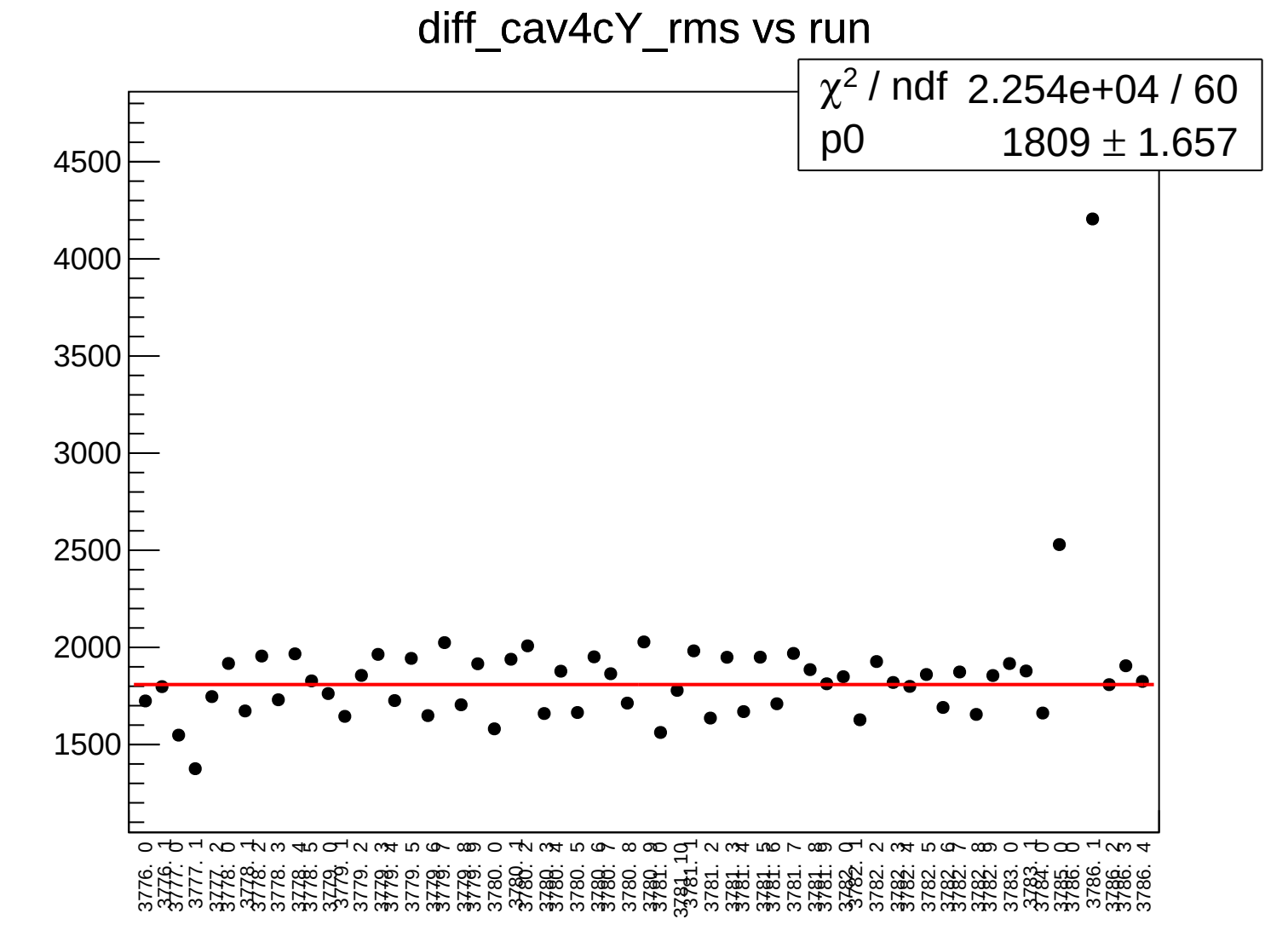

diff_cav4cX_mean vs run
χ² / ndf 50 / 60
p0 −2.092 ± 2.481
pull
Entries 61
Mean −23.95
Std Dev 33.71

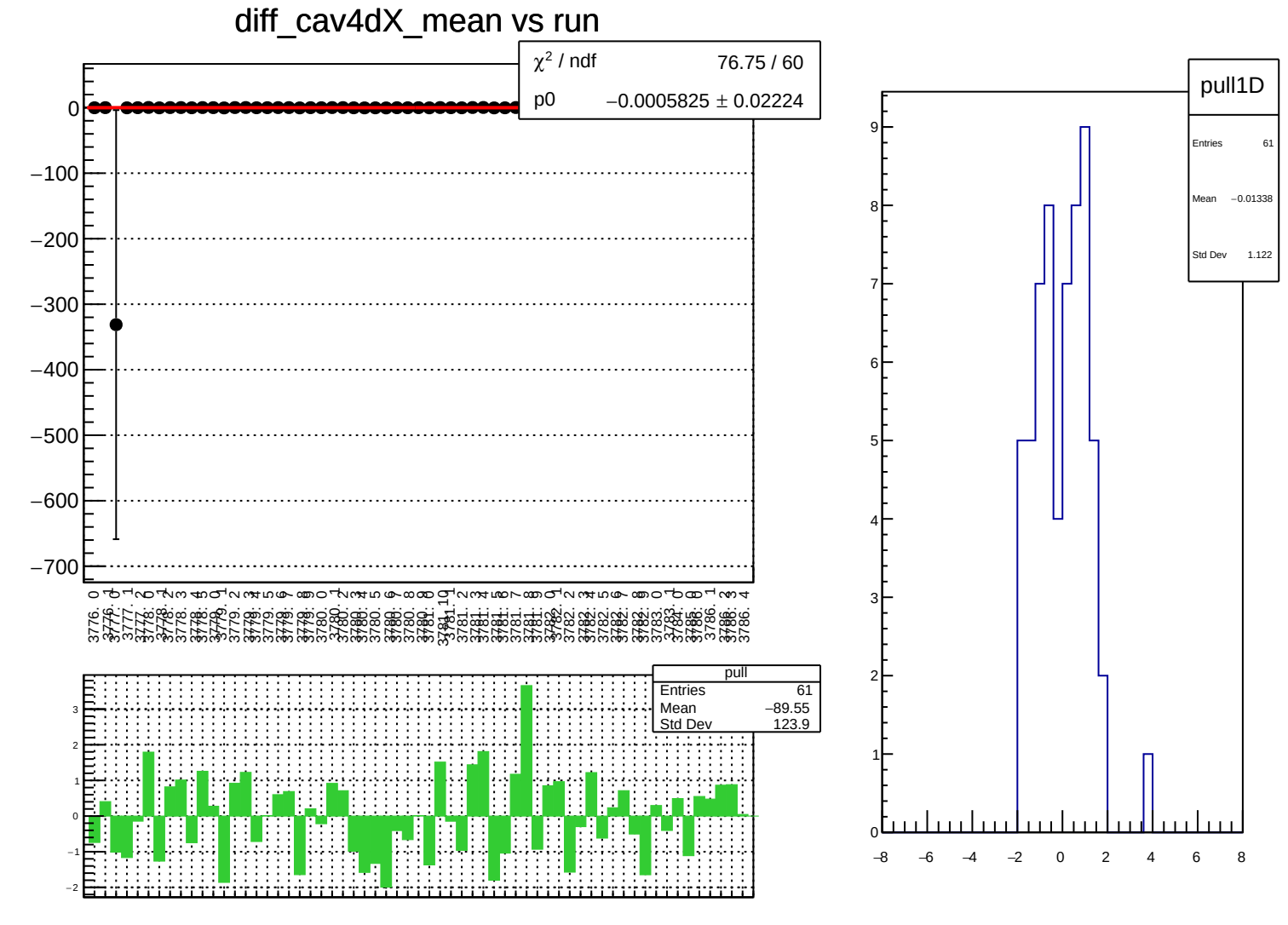

pull1D
Entries 61
Mean −0.008306
Std Dev 0.9053

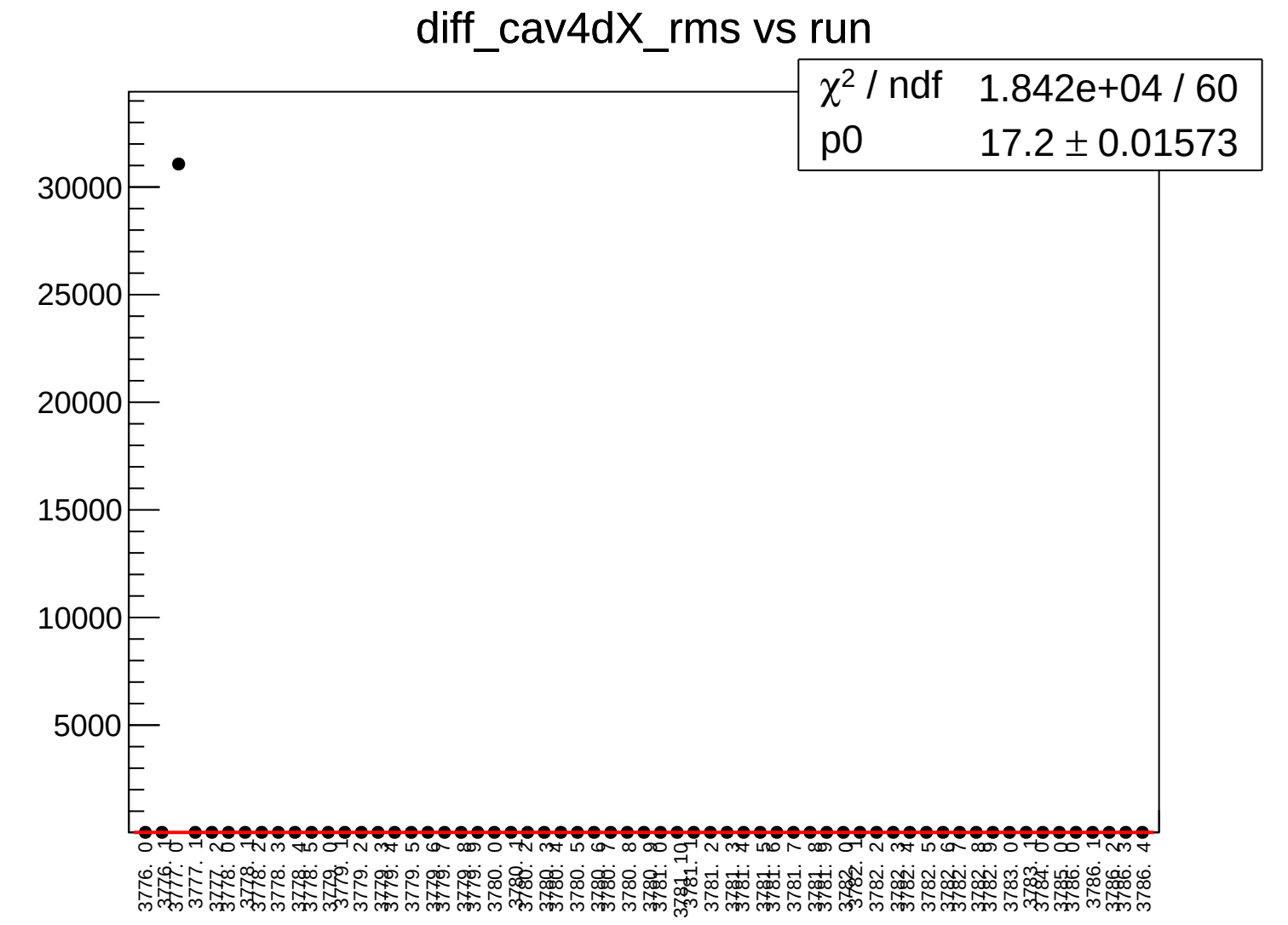

diff_cav4cX_rms vs run
χ² / ndf 2276 / 60
p0 1932 ± 1.755
2400
2300
2200
2100
2000
1900
1800

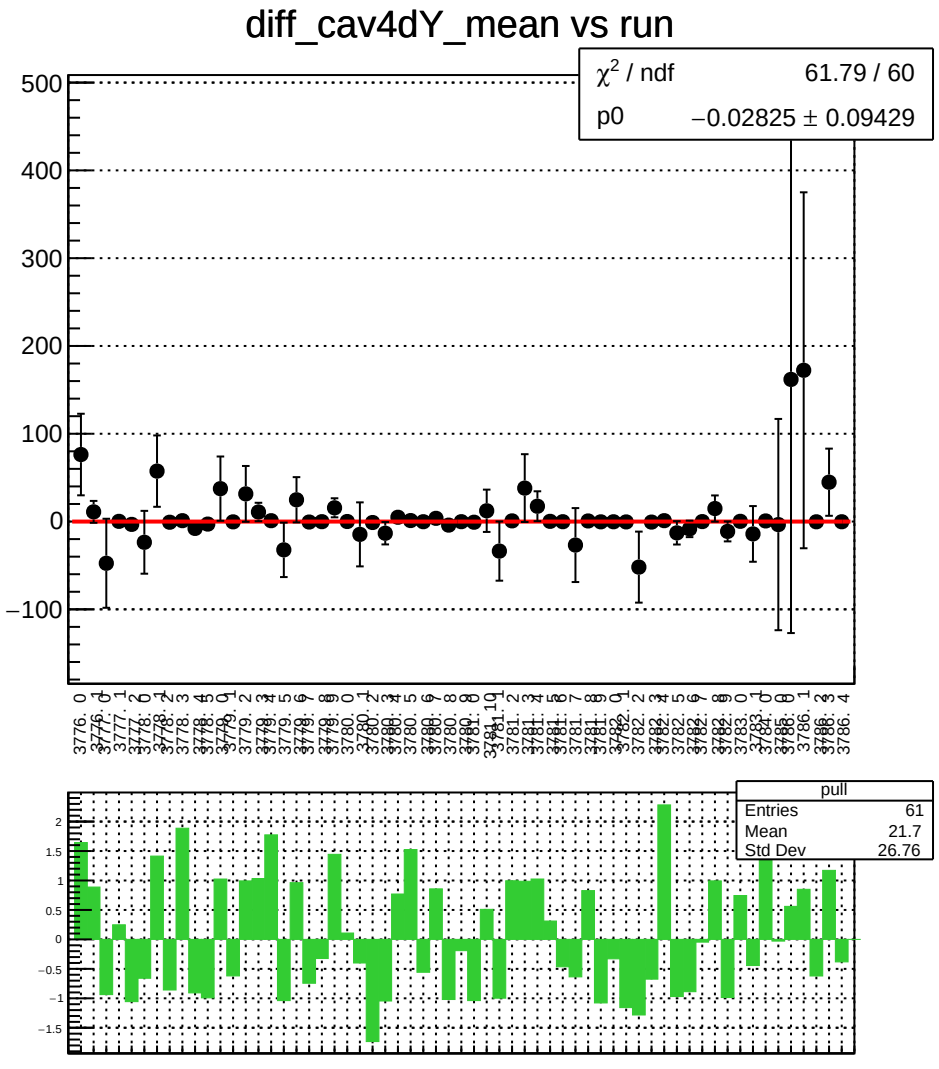

diff_cav4cY_mean vs run
χ² / ndf 64.92 / 60
p0 −4.5 ± 2.343
pull
Entries 61
Mean −775.4
Std Dev 771.7

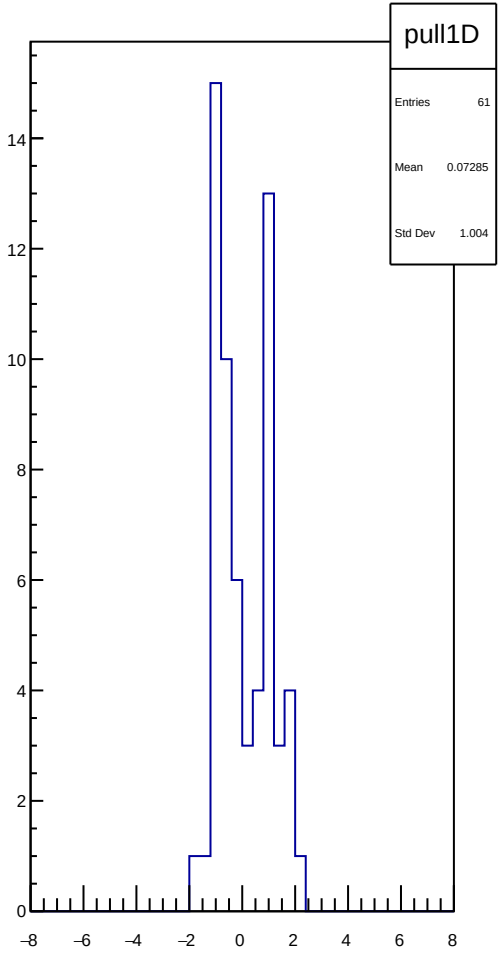

pull1D
Entries 61
Mean 4.248e−05
Std Dev 1.032

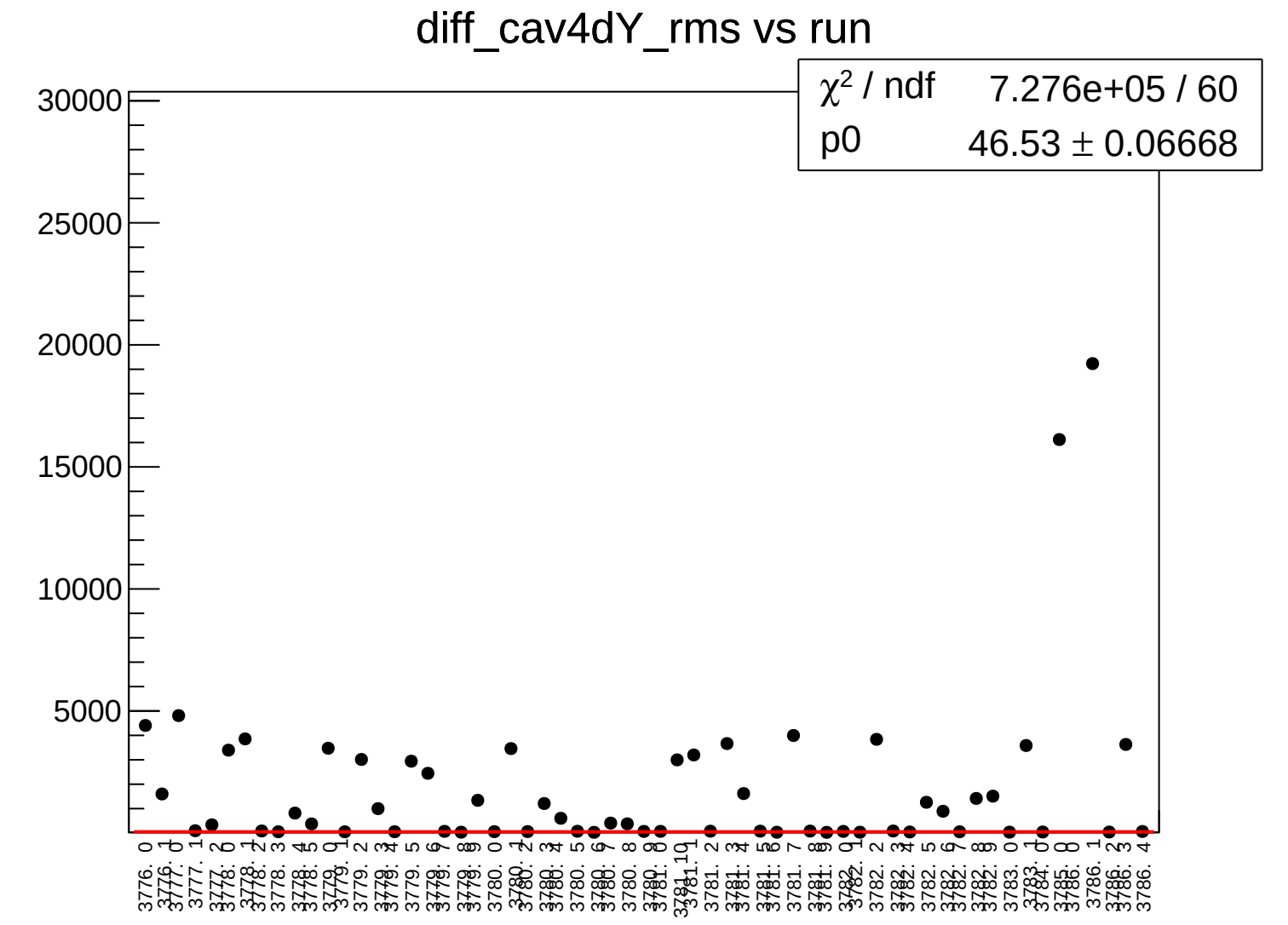

diff_cav4cY_rms vs run
χ² / ndf 2.254e+04 / 60
p0 1809 ± 1.657
4500
4000
3500
3000
2500
2000
1500

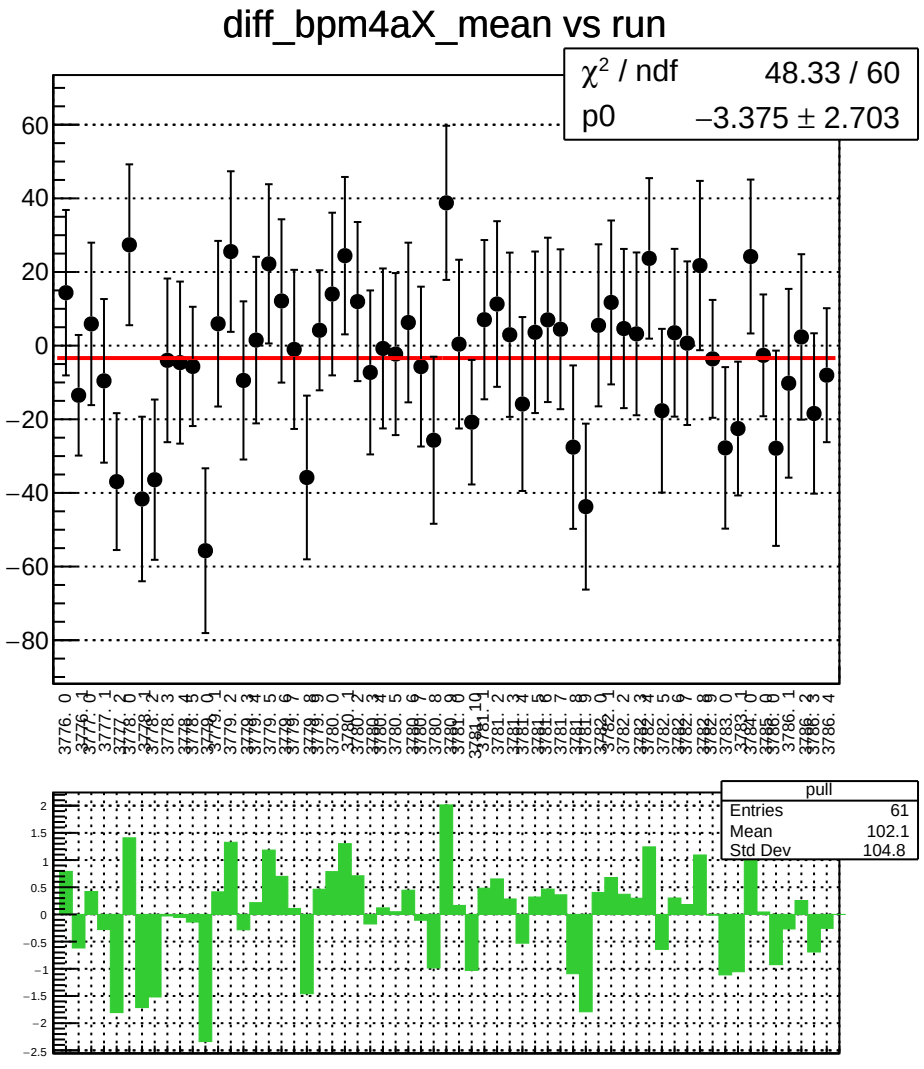

diff_cav4dX_mean vs run
χ² / ndf 76.75 / 60
p0 −0.0005825 ± 0.02224
pull
Entries 61
Mean −89.55
Std Dev 123.9
pull1D
Entries 61
Mean −0.01338
Std Dev 1.122

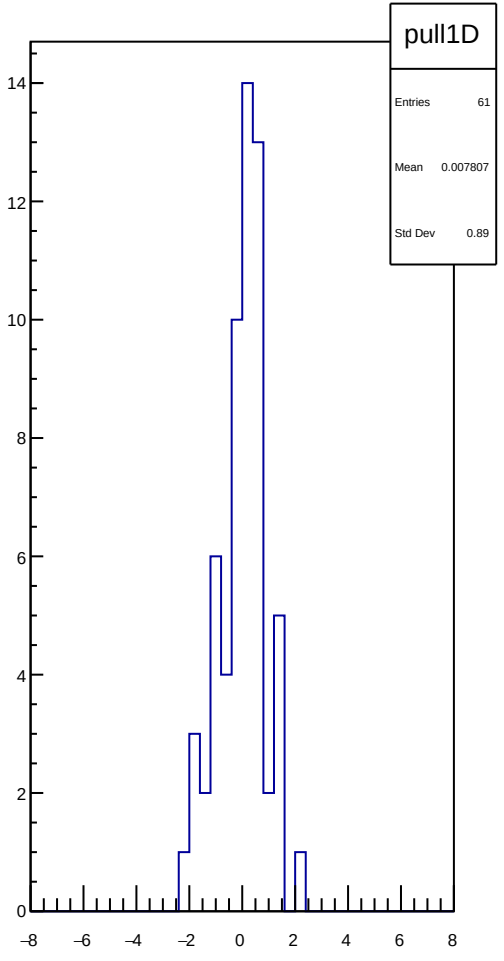

diff_cav4dX_rms vs run
χ² / ndf 1.842e+04 / 60
p0 17.2 ± 0.01573
30000
25000
20000
15000
10000
5000

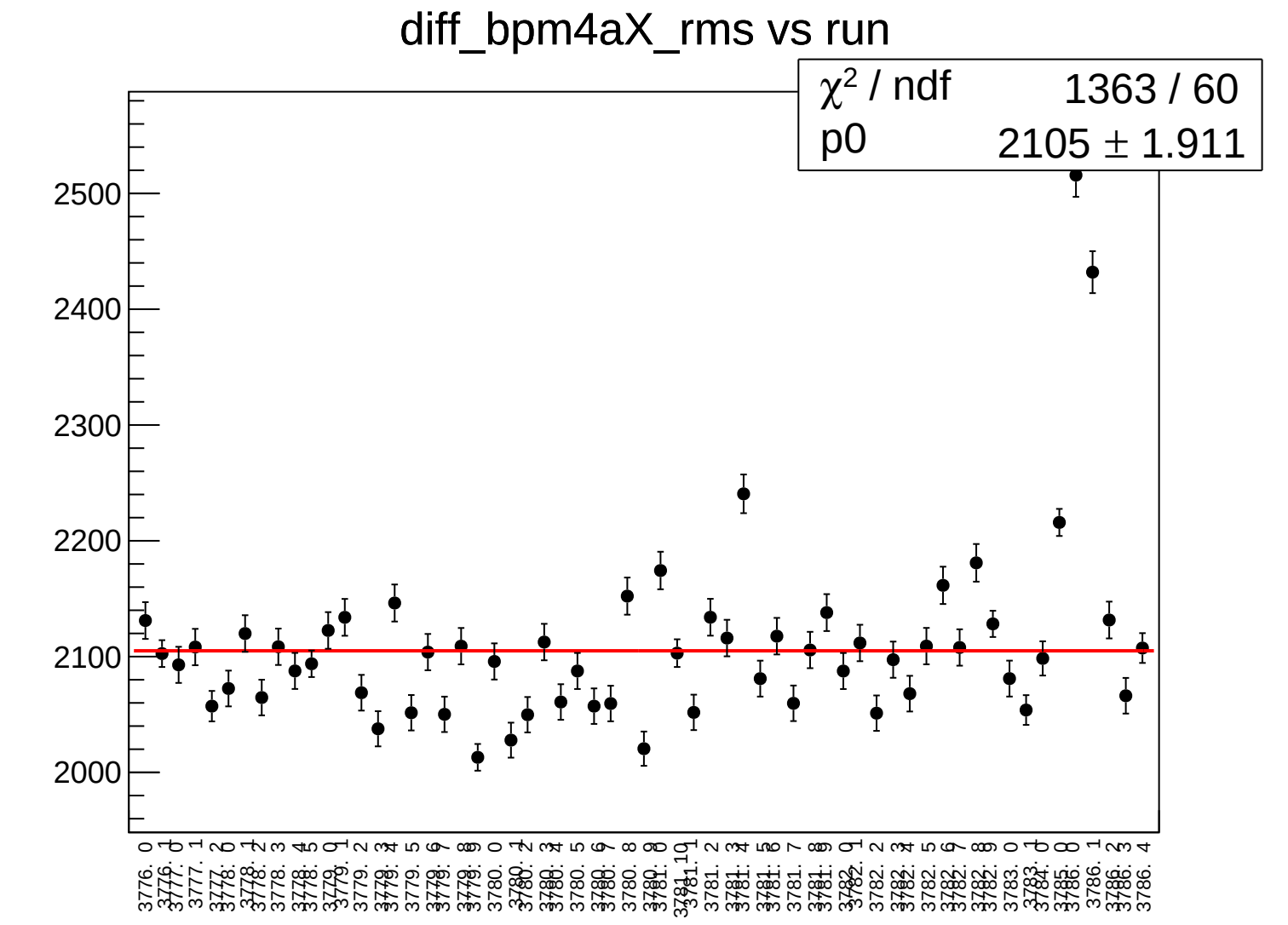

diff_cav4dY_mean vs run
χ² / ndf 61.79 / 60
p0 −0.02825 ± 0.09429
pull
Entries 61
Mean 21.7
Std Dev 26.76

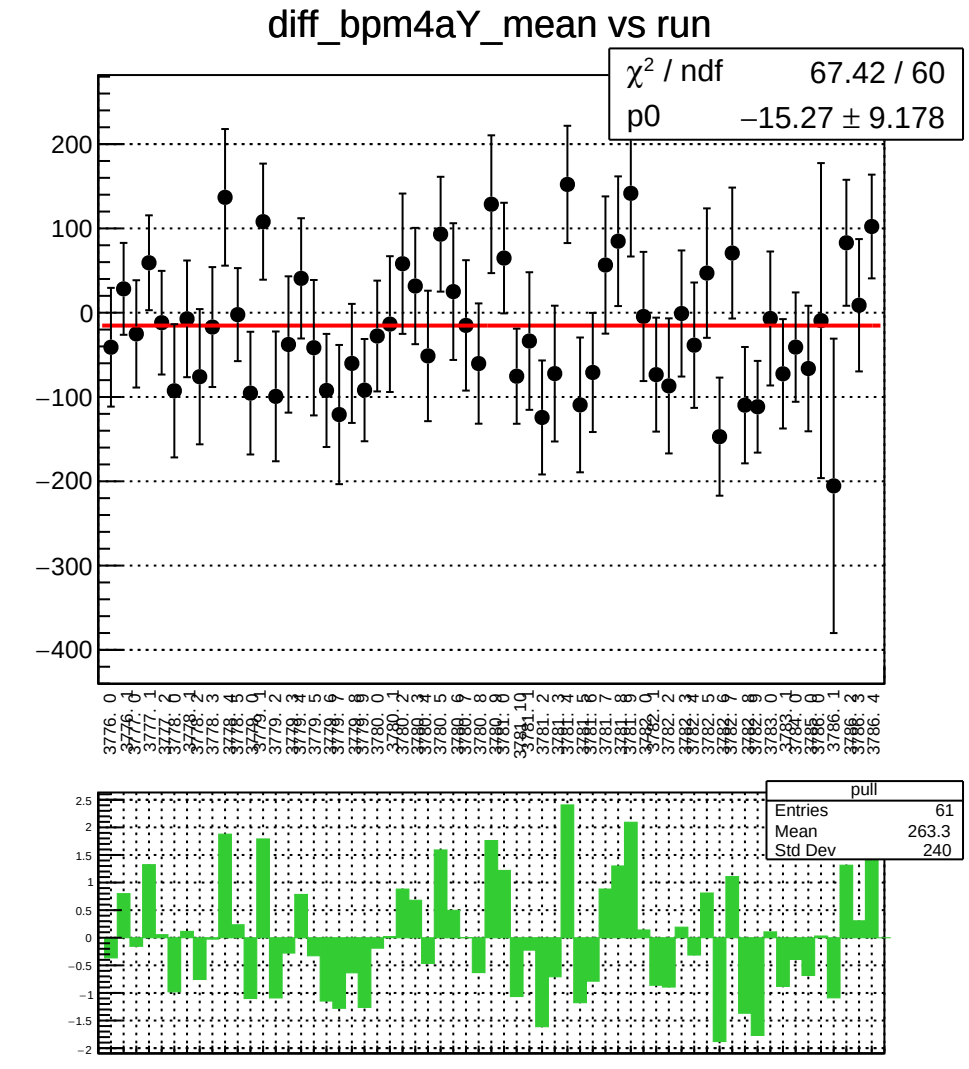

pull1D
Entries 61
Mean 0.07285
Std Dev 1.004

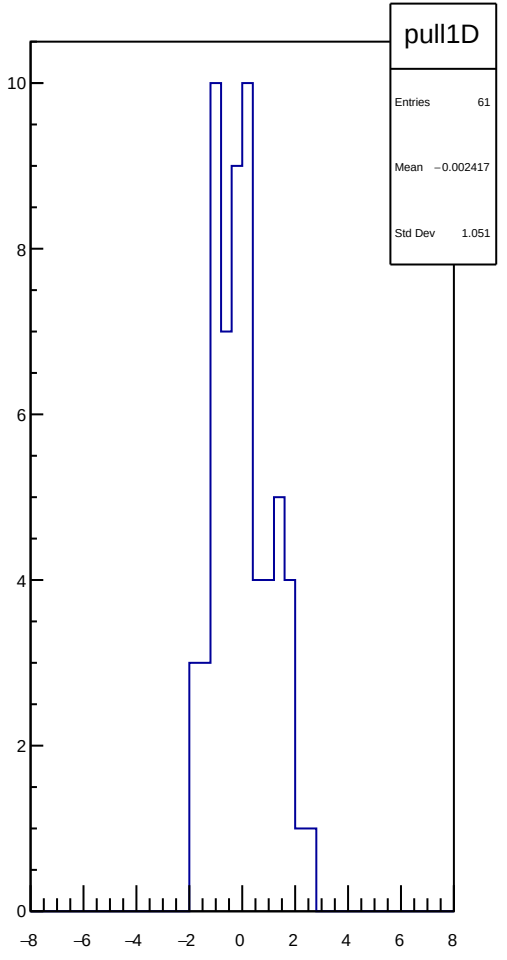

diff_cav4dY_rms vs run
χ^2 / ndf 7.276e+05 / 60
p0 46.53 ± 0.06668
30000
25000
20000
15000
10000
5000

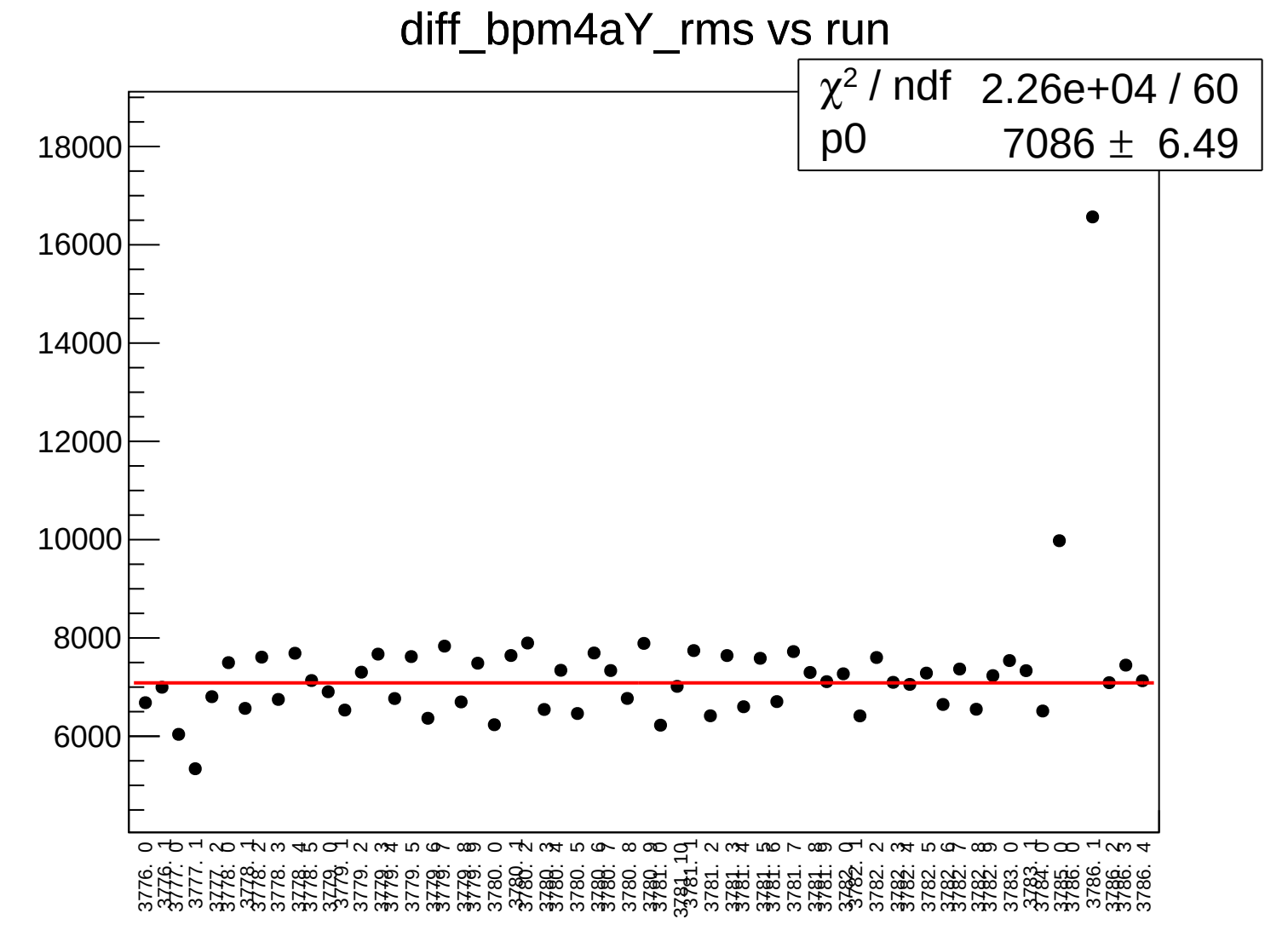

diff_bpm4aX_mean vs run
χ² / ndf 48.33 / 60
p0 −3.375 ± 2.703
pull
Entries 61
Mean 102.1
Std Dev 104.8

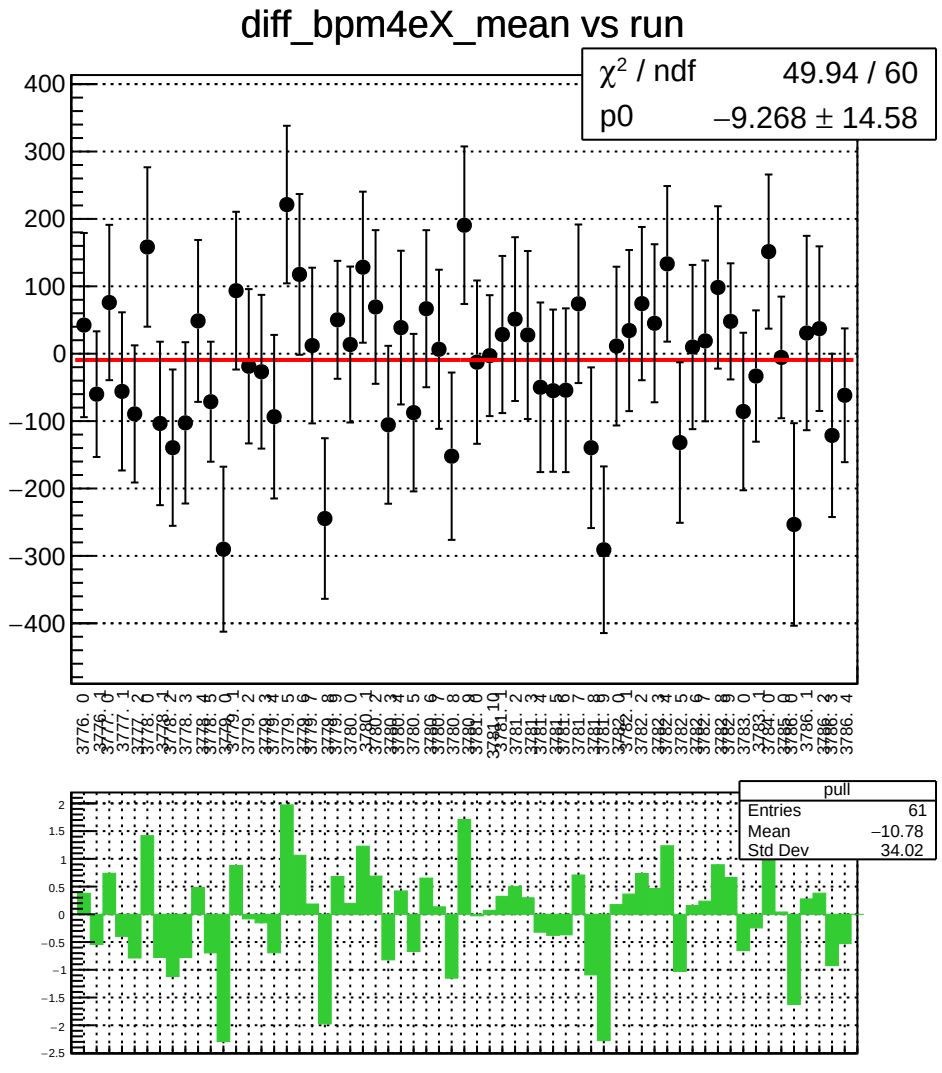

pull1D
Entries 61
Mean 0.007807
Std Dev 0.89

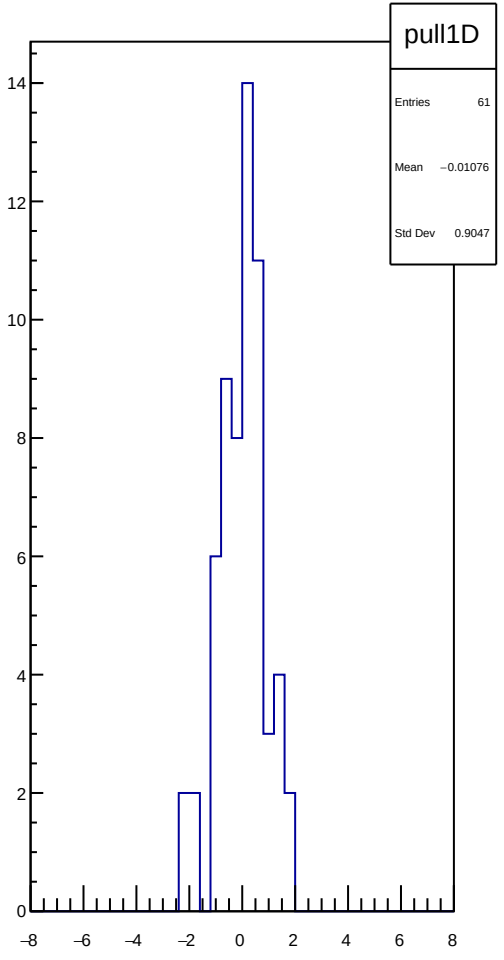

diff_bpm4aX_rms vs run
χ² / ndf 1363 / 60
p0 2105 ± 1.911
2500
2400
2300
2200
2100
2000

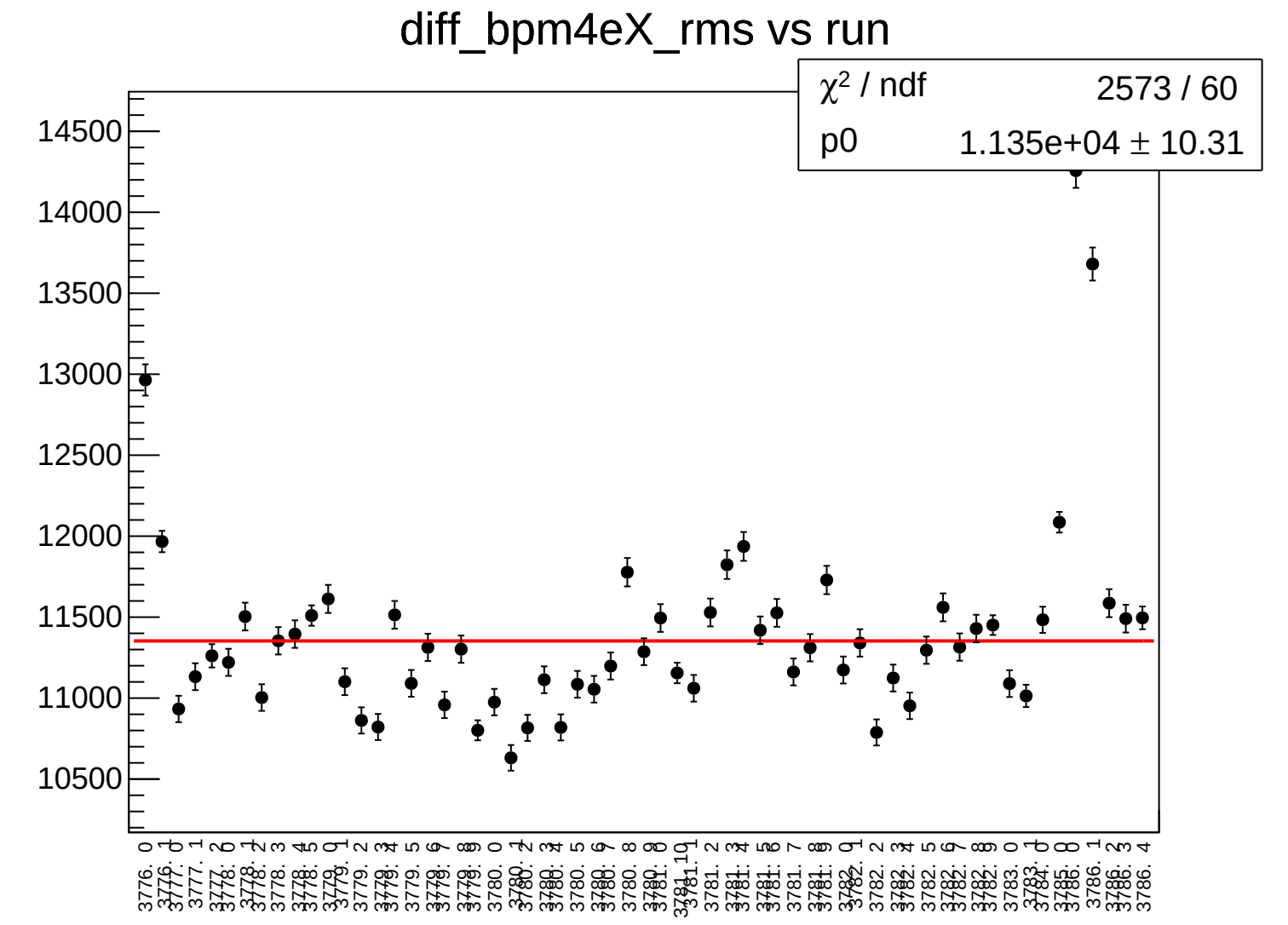

diff_bpm4aY_mean vs run
χ² / ndf 67.42 / 60
p0 −15.27 ± 9.178
pull
Entries 61
Mean 263.3
Std Dev 240

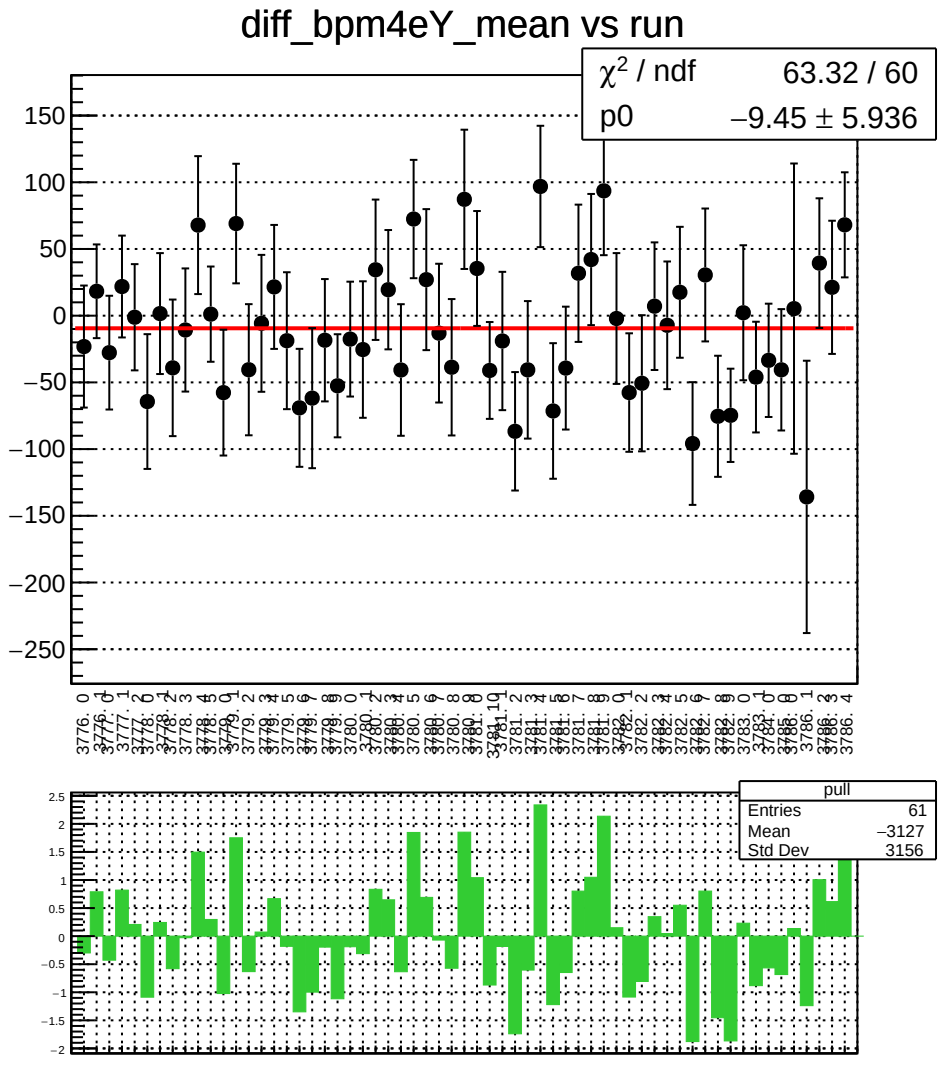

pull1D
Entries 61
Mean −0.002417
Std Dev 1.051

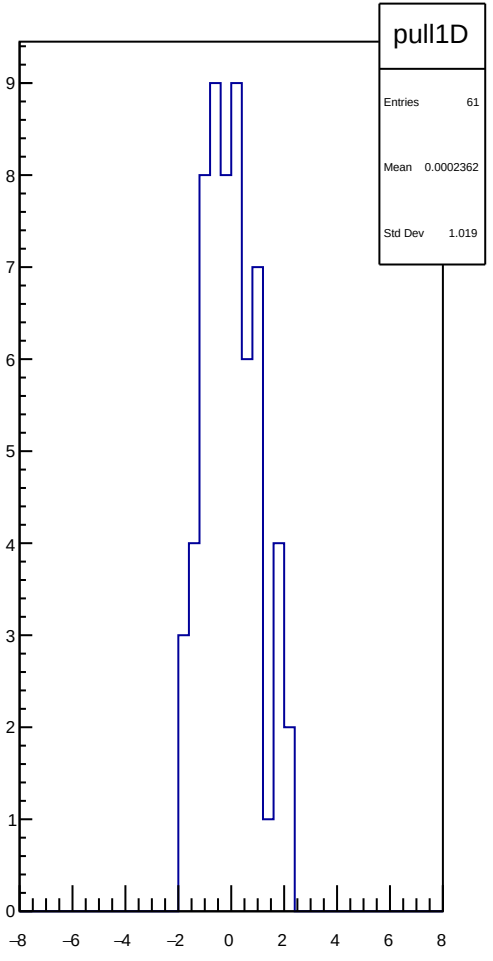

diff_bpm4aY_rms vs run
χ² / ndf 2.26e+04 / 60
p0 7086 ± 6.49
18000
16000
14000
12000
10000
8000
6000

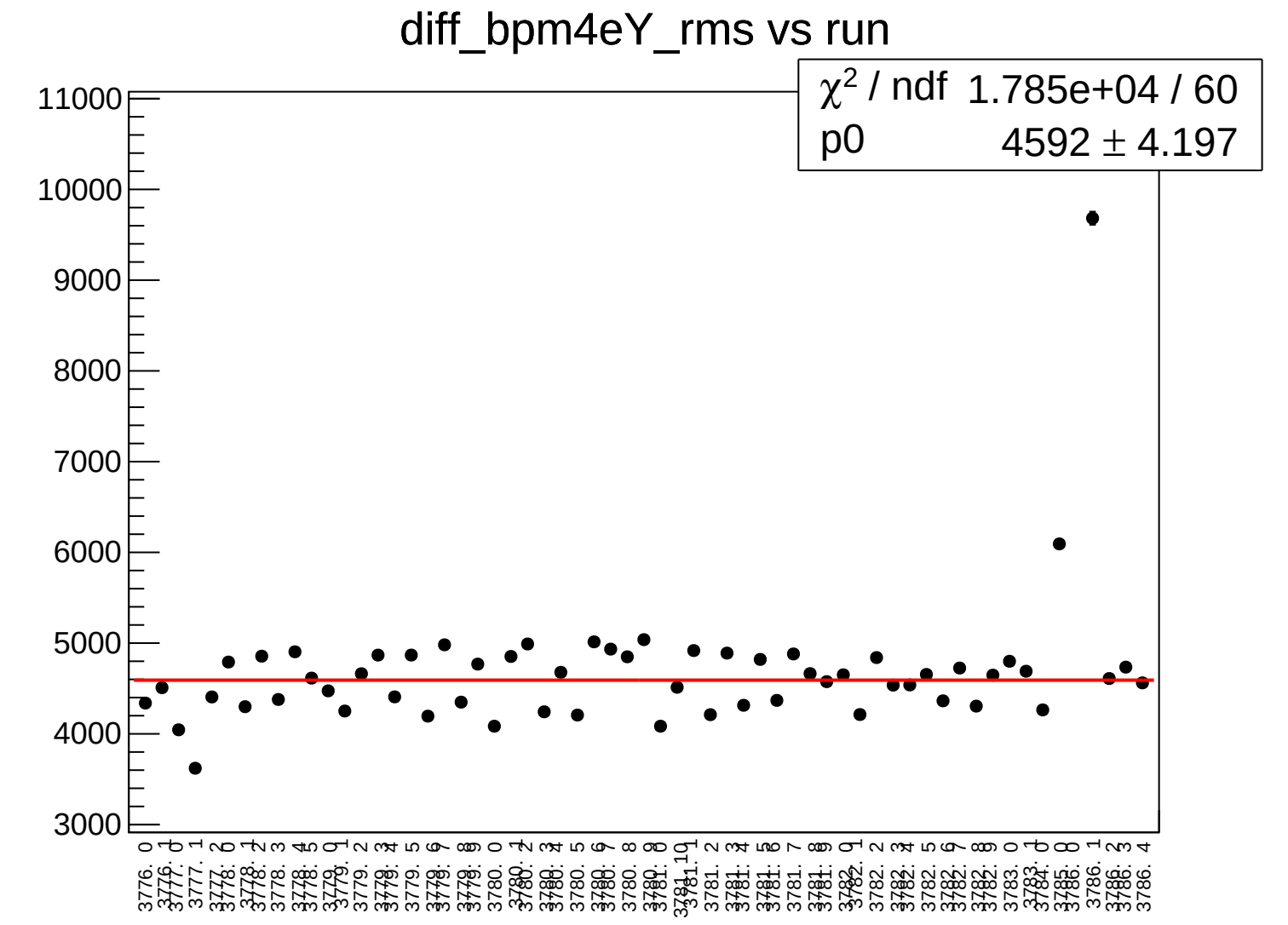

diff_bpm4eX_mean vs run
χ² / ndf 49.94 / 60
p0 −9.268 ± 14.58
pull
Entries 61
Mean −10.78
Std Dev 34.02

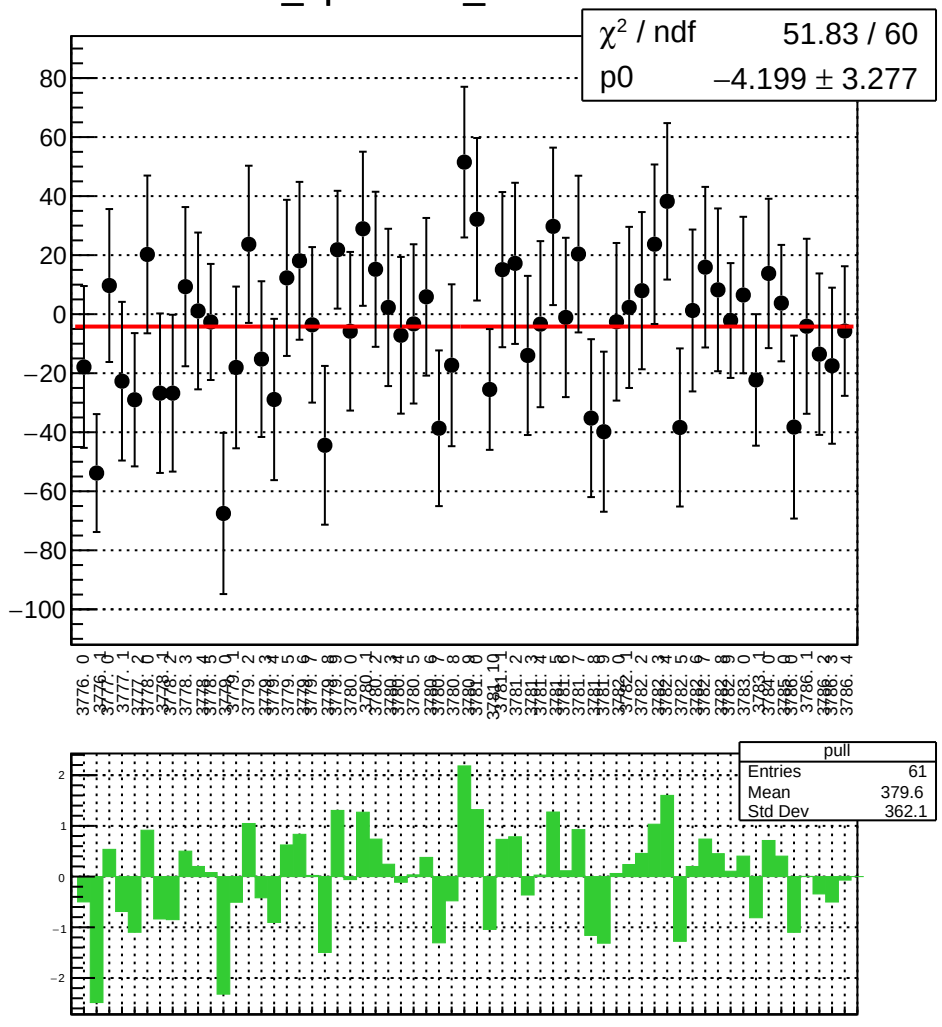

pull1D
Entries 61
Mean −0.01076
Std Dev 0.9047

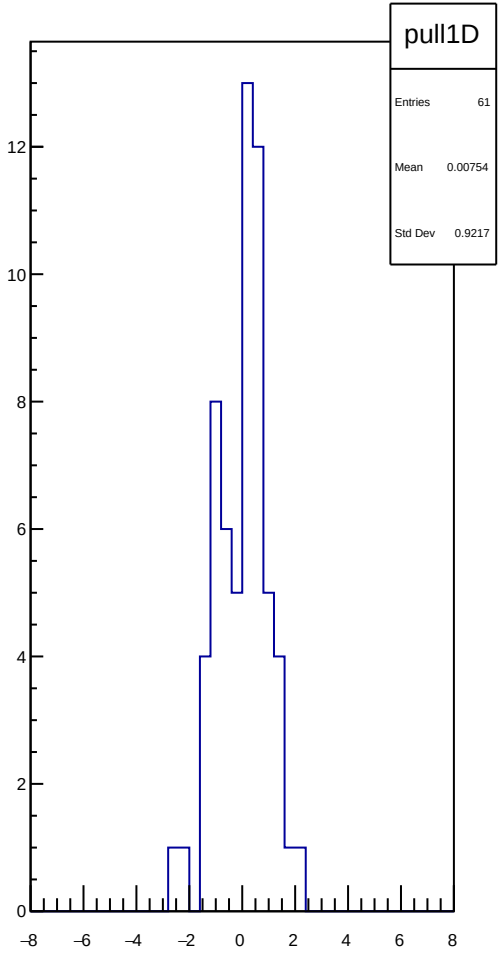

diff_bpm4eX_rms vs run
χ² / ndf 2573 / 60
p0 1.135e+04 ± 10.31
14500
14000
13500
13000
12500
12000
11500
11000
10500

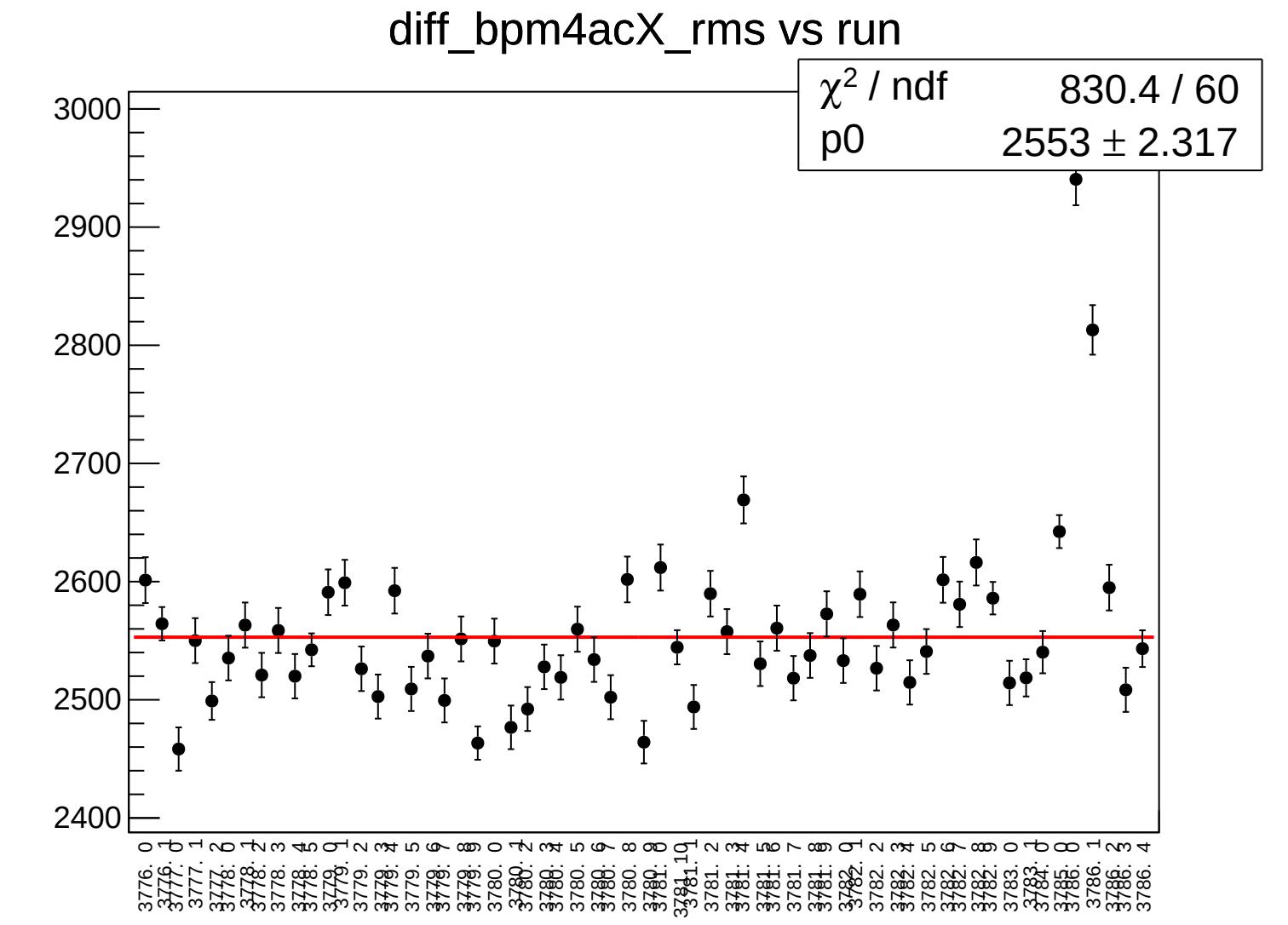

diff_bpm4eY_mean vs run
χ² / ndf 63.32 / 60
p0 −9.45 ± 5.936
pull
Entries 61
Mean −3127
Std Dev 3156

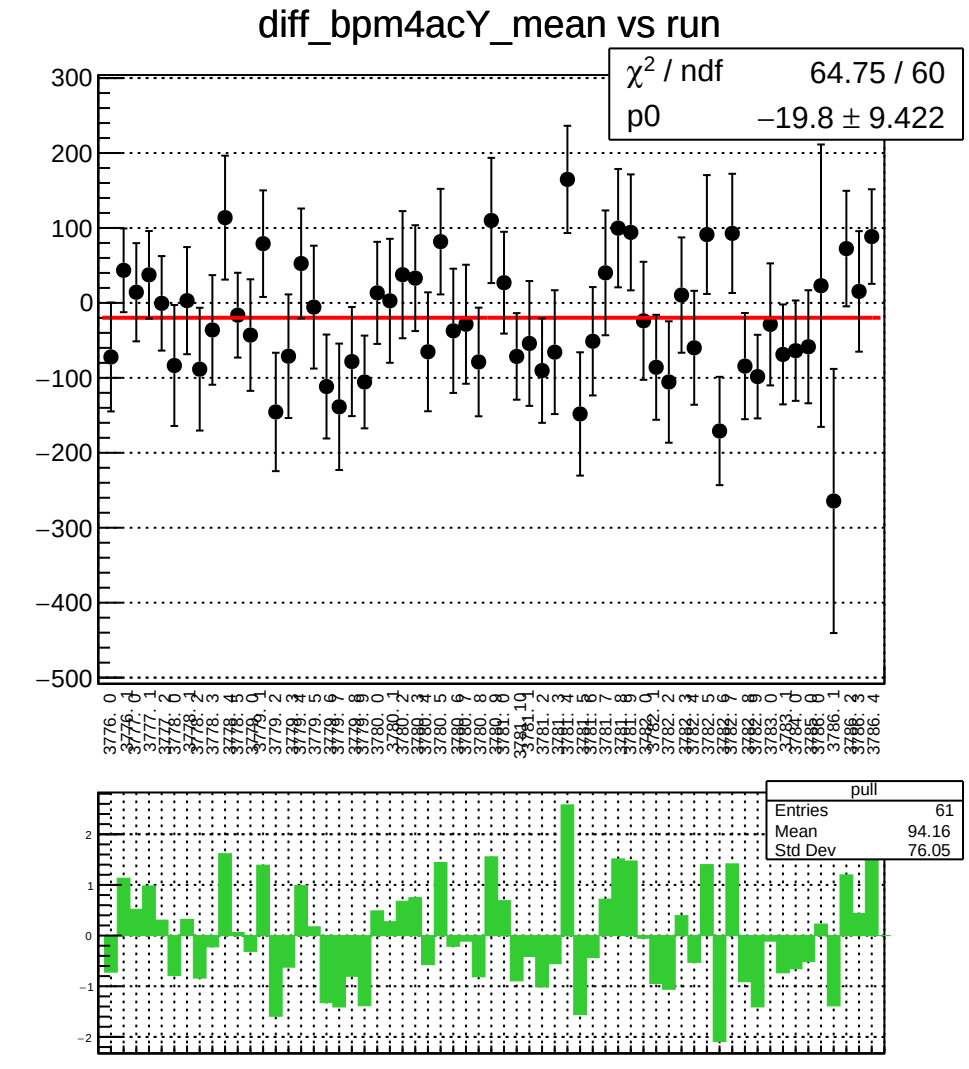

pull1D
Entries 61
Mean 0.0002362
Std Dev 1.019

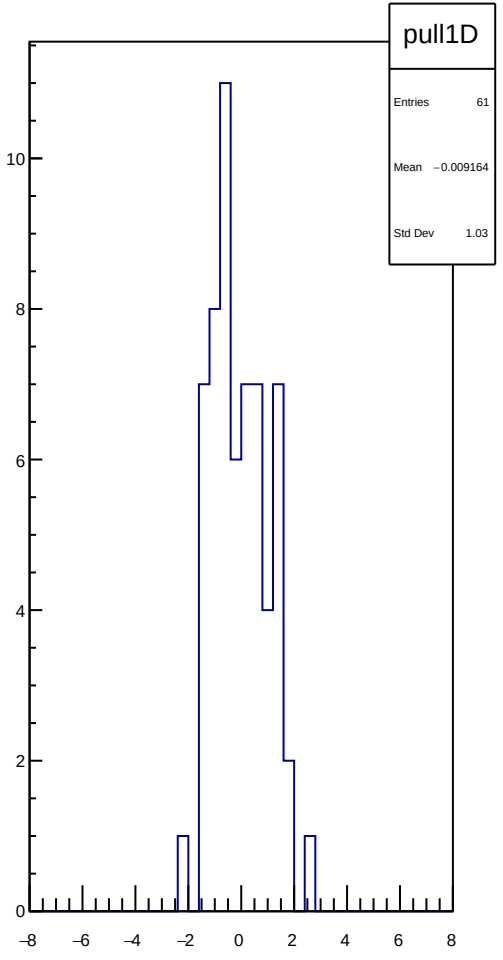

diff_bpm4eY_rms vs run
χ² / ndf 1.785e+04 / 60
p0 4592 ± 4.197
11000
10000
9000
8000
7000
6000
5000
4000
3000

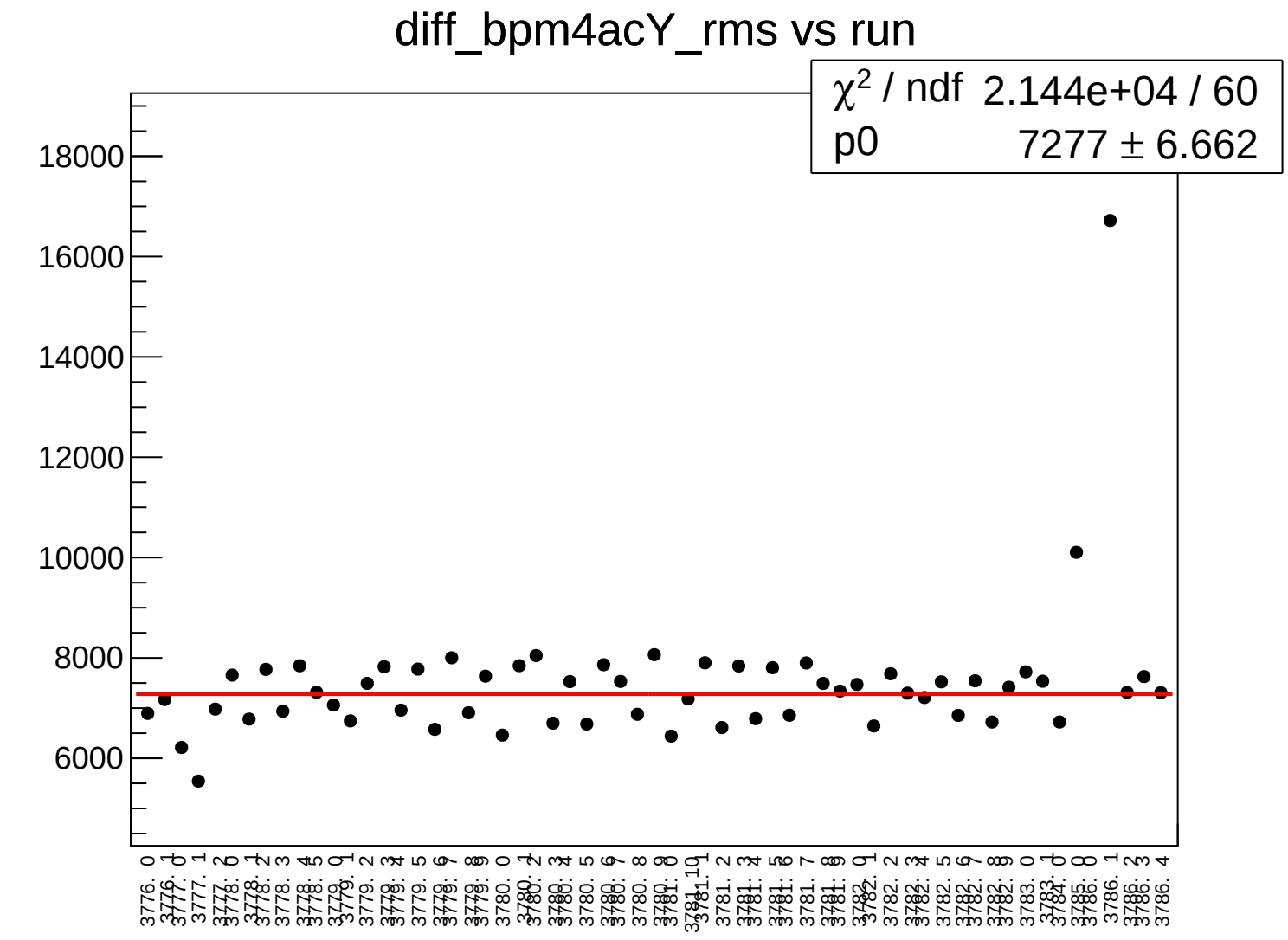

diff_bpm4acX_mean vs run
χ² / ndf 51.83 / 60
p0 −4.199 ± 3.277
pull
Entries 61
Mean 379.6
Std Dev 362.1

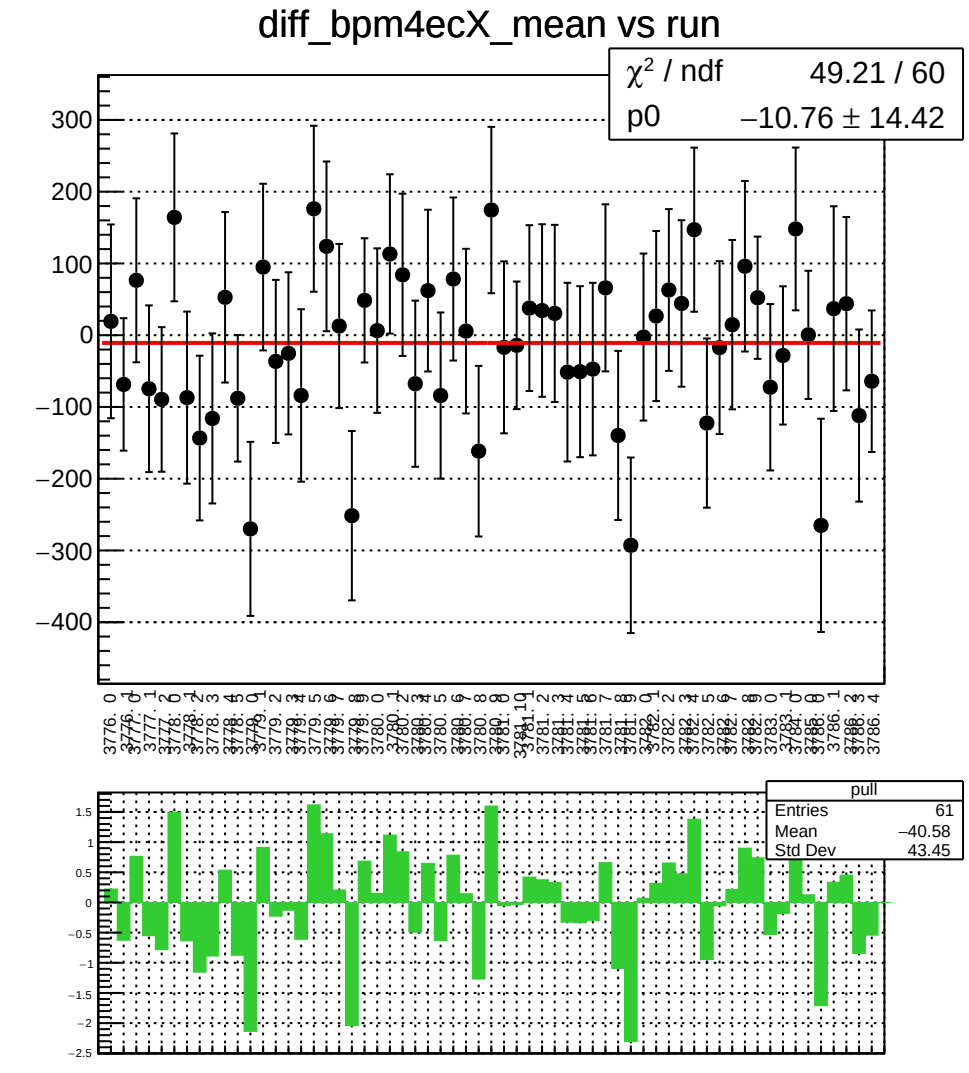

pull1D
Entries 61
Mean 0.00754
Std Dev 0.9217

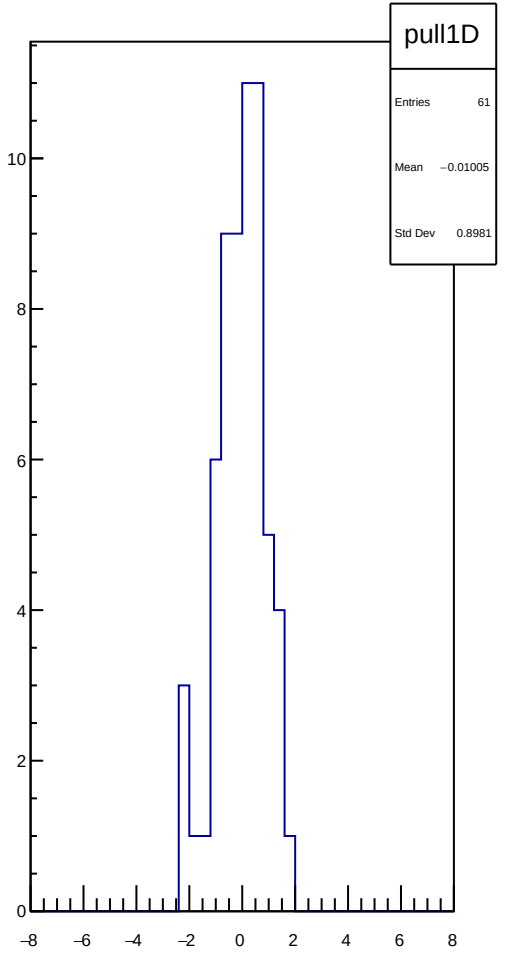

diff_bpm4acX_rms vs run
χ² / ndf 830.4 / 60
p0 2553 ± 2.317
3000
2900
2800
2700
2600
2500
2400

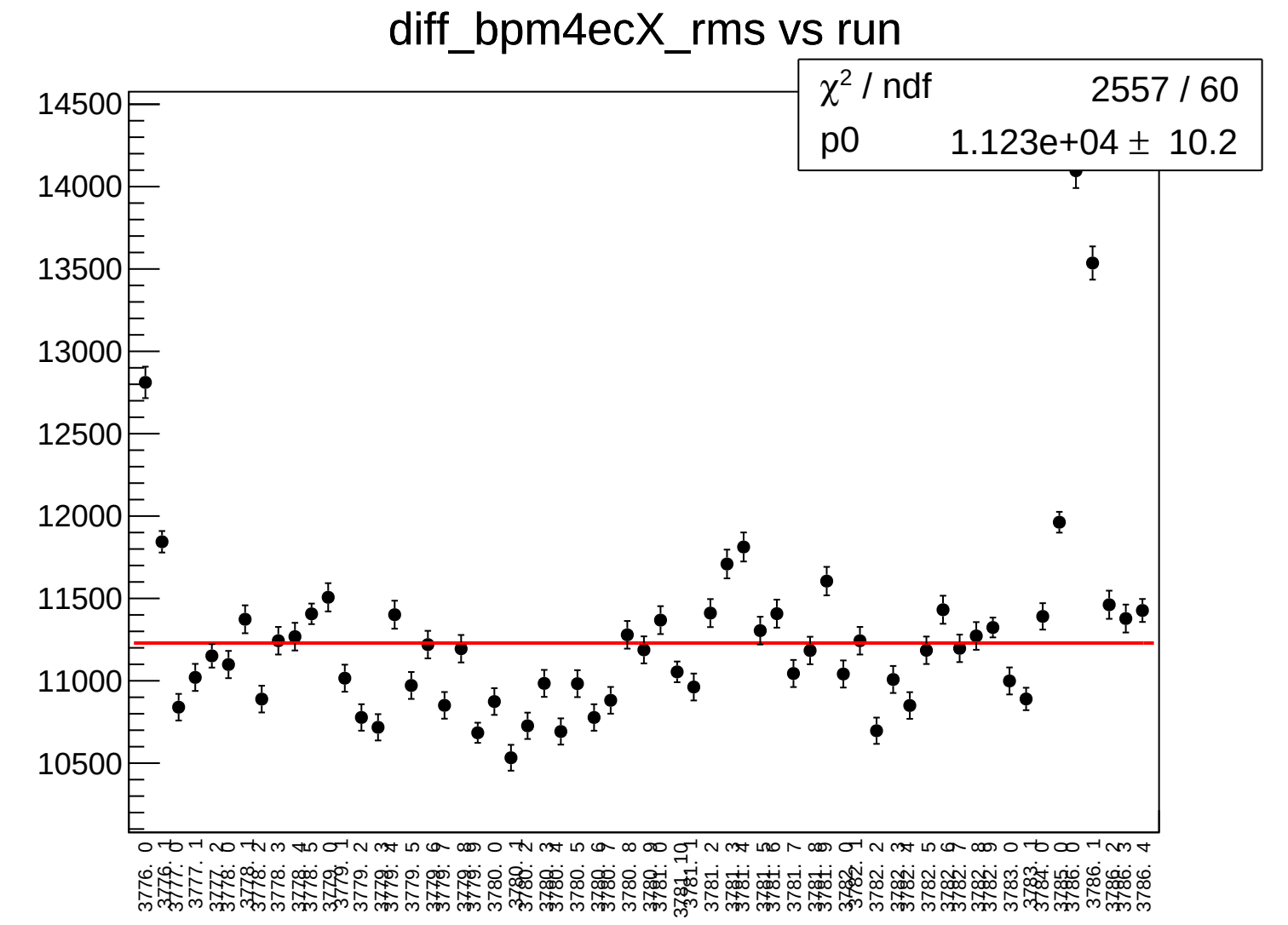

diff_bpm4acY_mean vs run
χ² / ndf 64.75 / 60
p0 −19.8 ± 9.422
pull
Entries 61
Mean 94.16
Std Dev 76.05

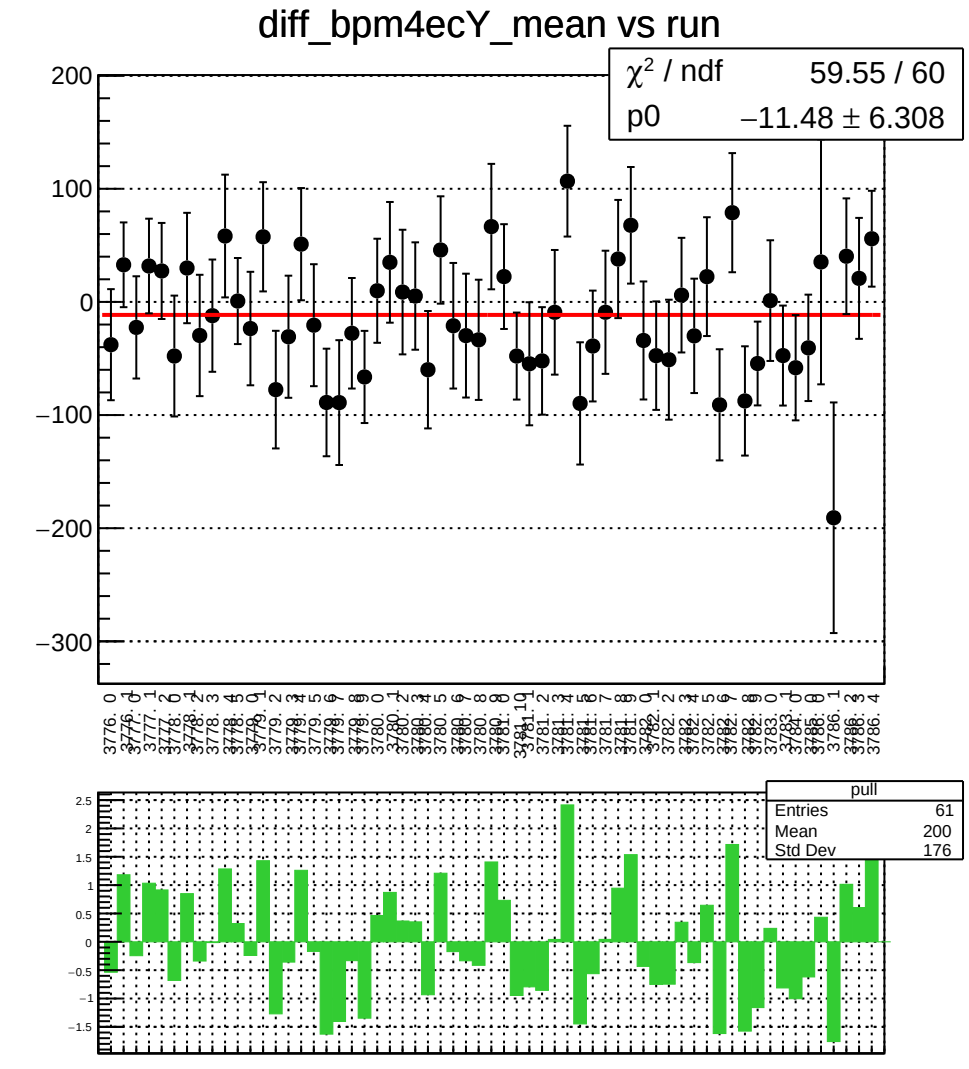

pull1D
Entries 61
Mean −0.009164
Std Dev 1.03

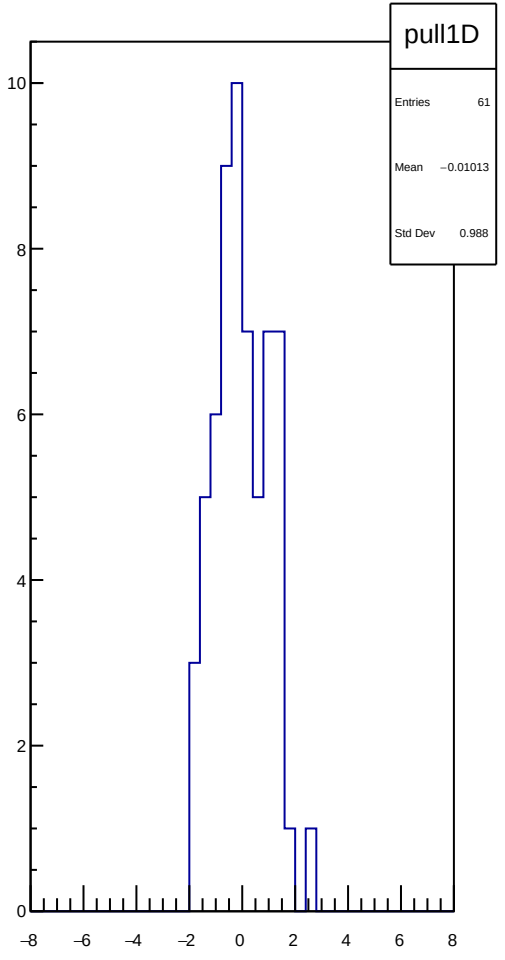

diff_bpm4acY_rms vs run
χ² / ndf 2.144e+04 / 60
p0 7277 ± 6.662
18000
16000
14000
12000
10000
8000
6000

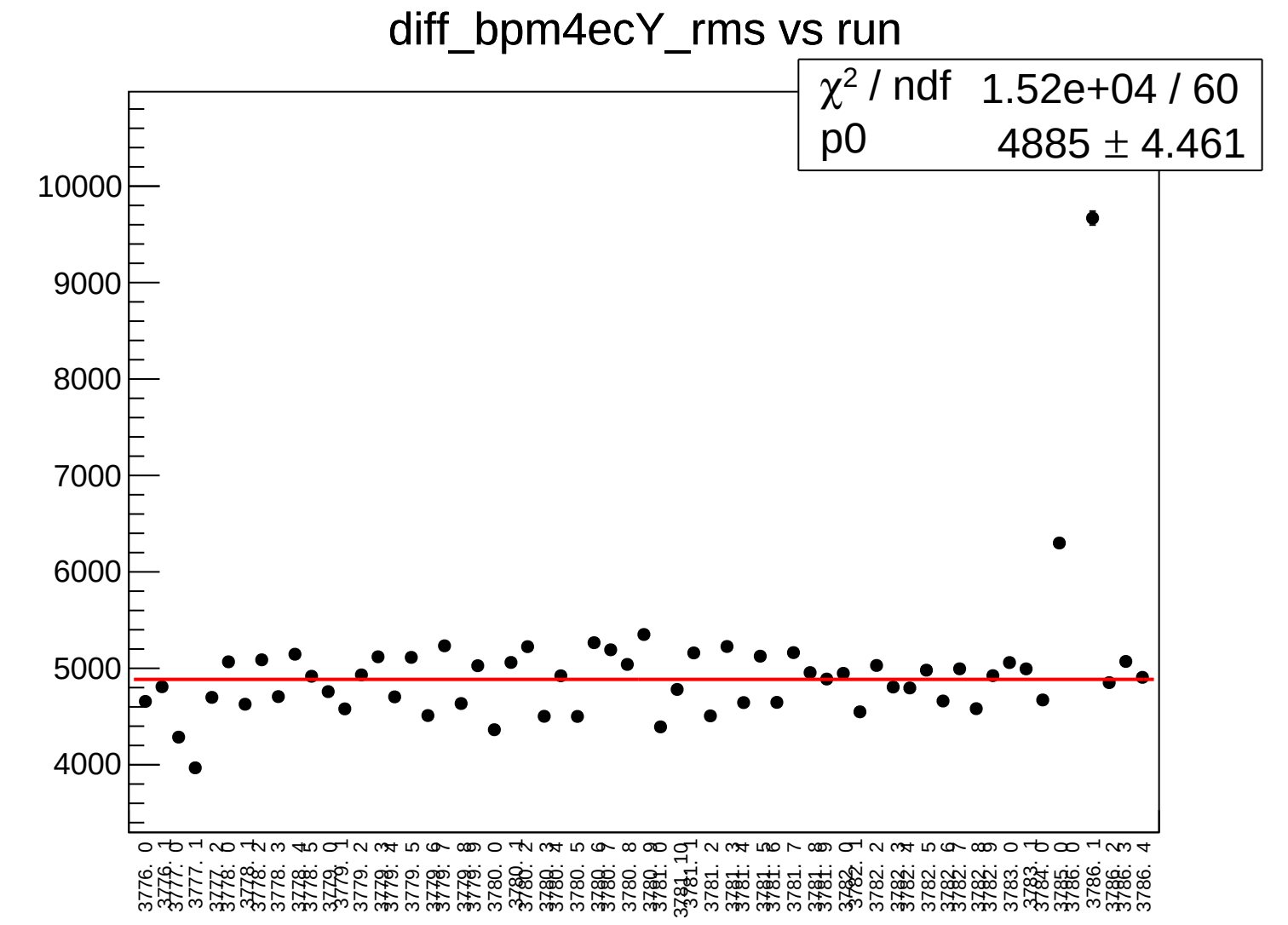

diff_bpm4ecX_mean vs run
χ² / ndf 49.21 / 60
p0 −10.76 ± 14.42
pull
Entries 61
Mean −40.58
Std Dev 43.45

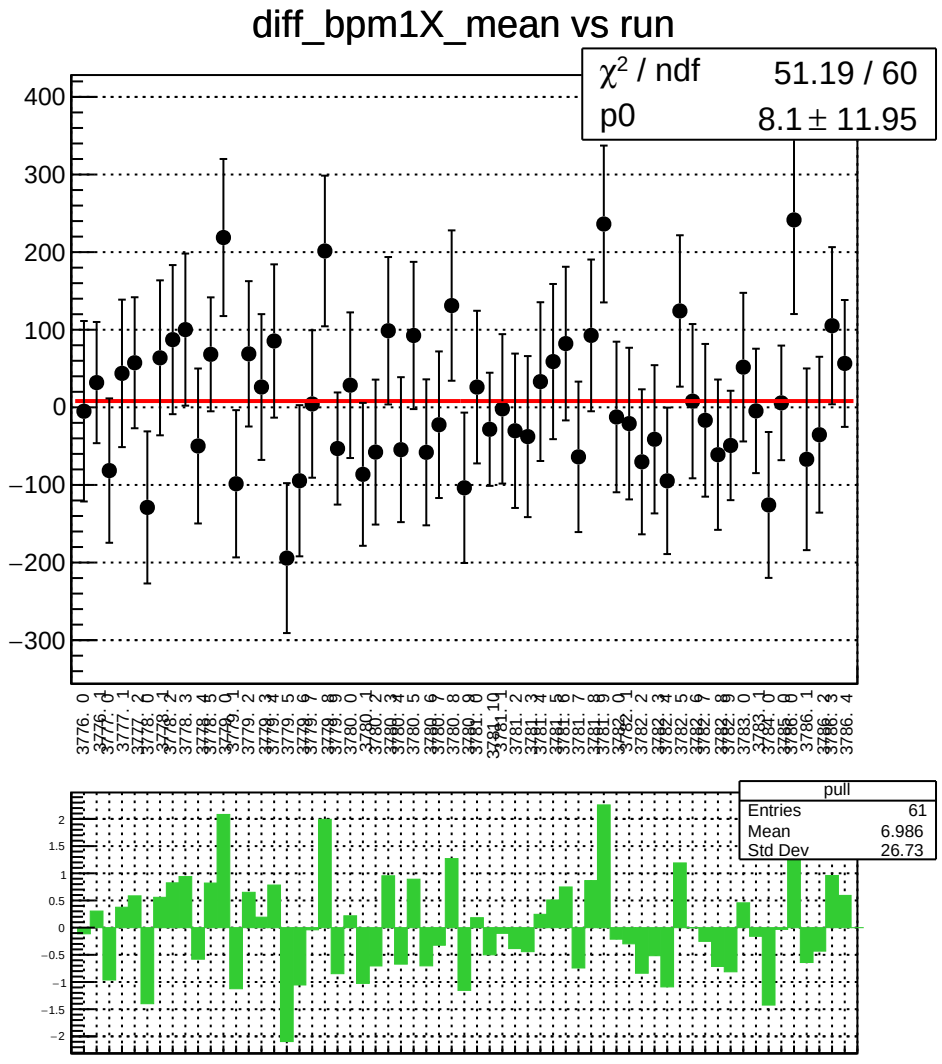

pull1D
Entries 61
Mean −0.01005
Std Dev 0.8981

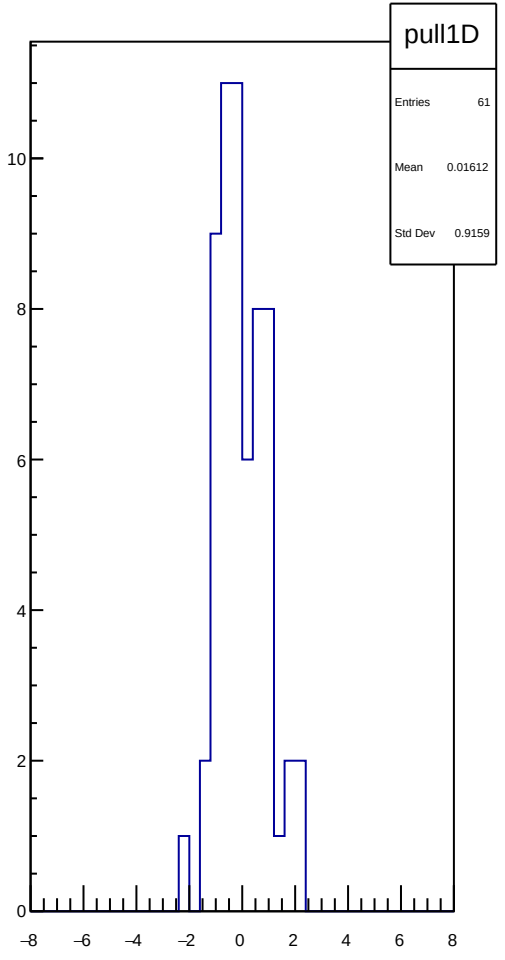

diff_bpm4ecX_rms vs run
χ² / ndf 2557 / 60
p0 1.123e+04 ± 10.2
14500
14000
13500
13000
12500
12000
11500
11000
10500

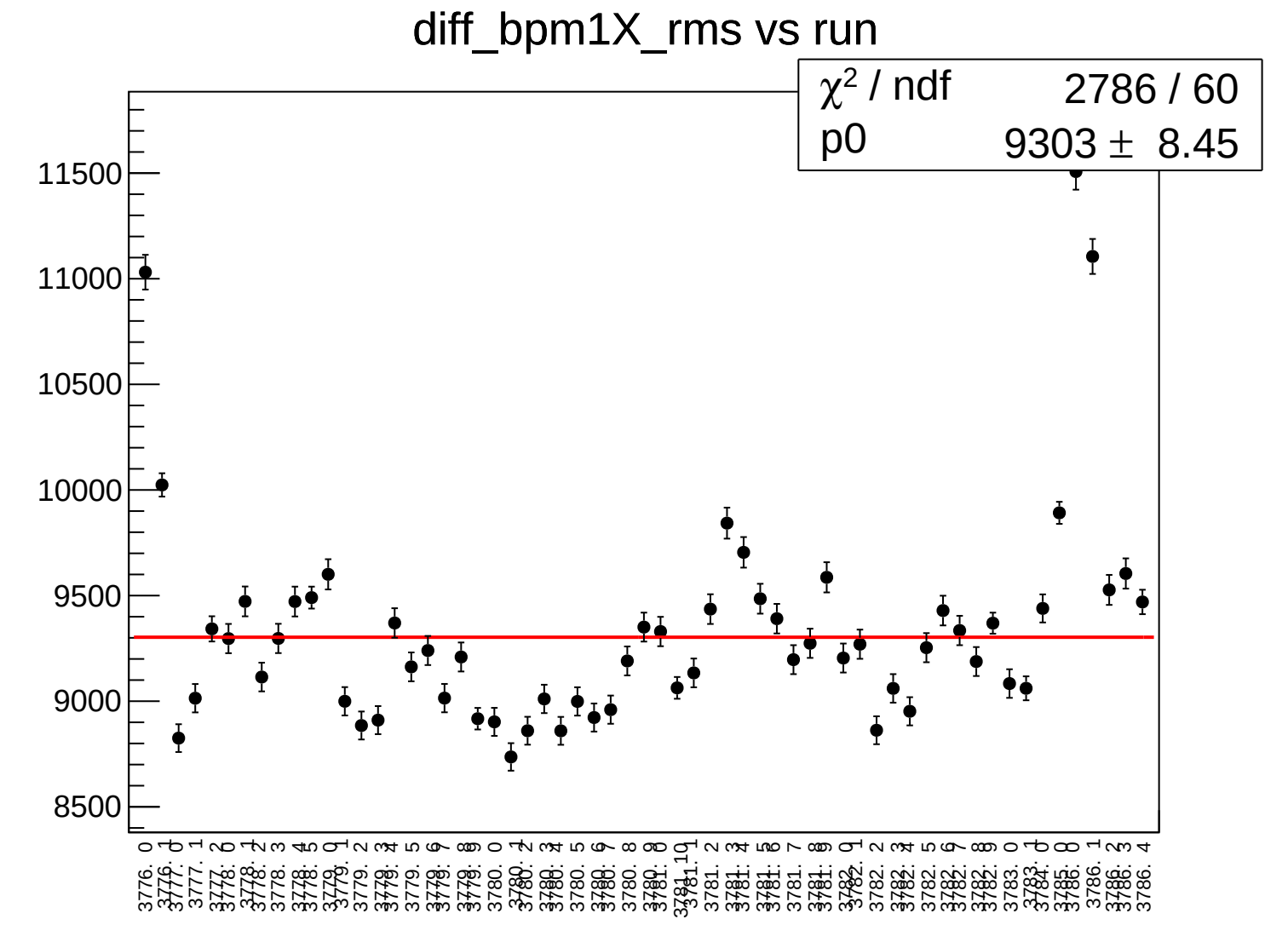

diff_bpm4ecY_mean vs run
χ² / ndf 59.55 / 60
p0 −11.48 ± 6.308
pull
Entries 61
Mean 200
Std Dev 176

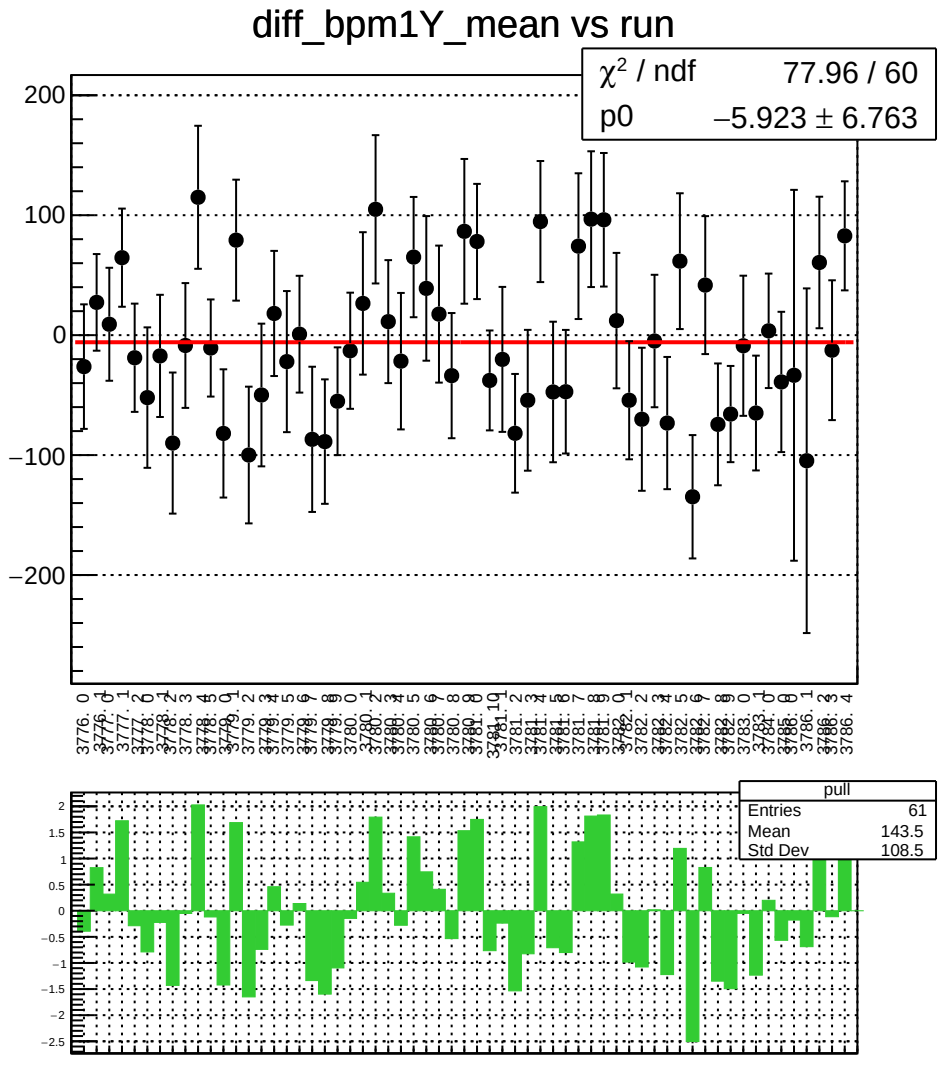

pull1D
Entries 61
Mean −0.01013
Std Dev 0.988

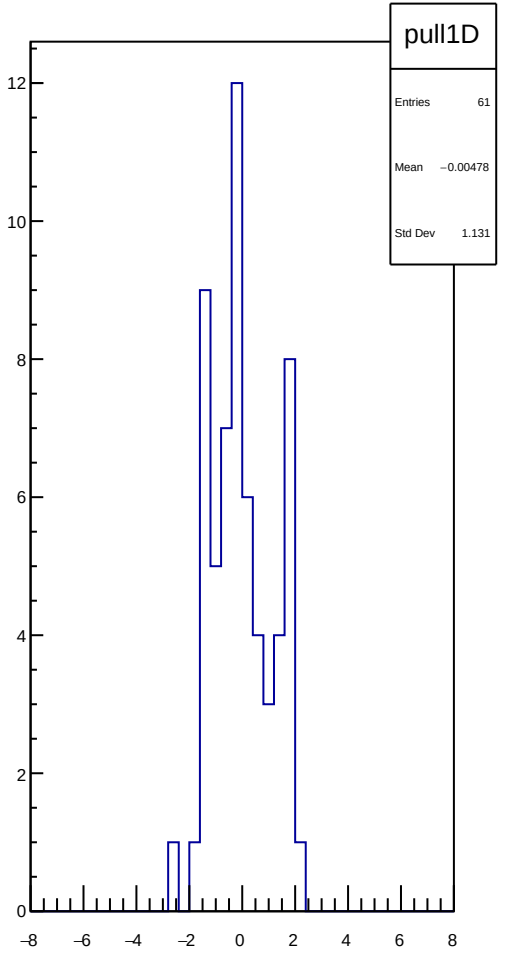

diff_bpm4ecY_rms vs run
χ² / ndf 1.52e+04 / 60
p0 4885 ± 4.461
10000
9000
8000
7000
6000
5000
4000

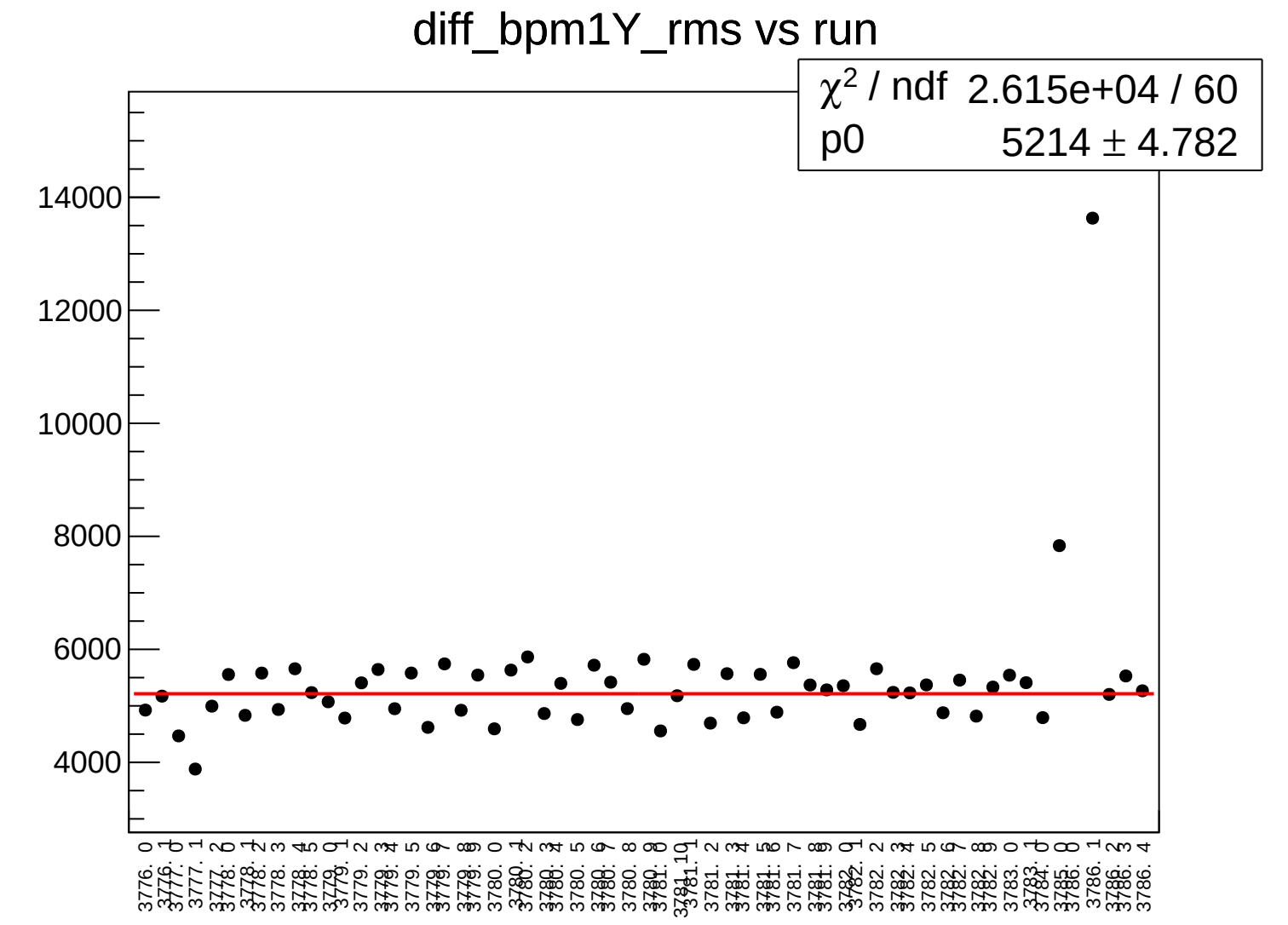

diff_bpm1X_mean vs run
χ² / ndf 51.19 / 60
p0 8.1 ± 11.95
pull
Entries 61
Mean 6.986
Std Dev 26.73

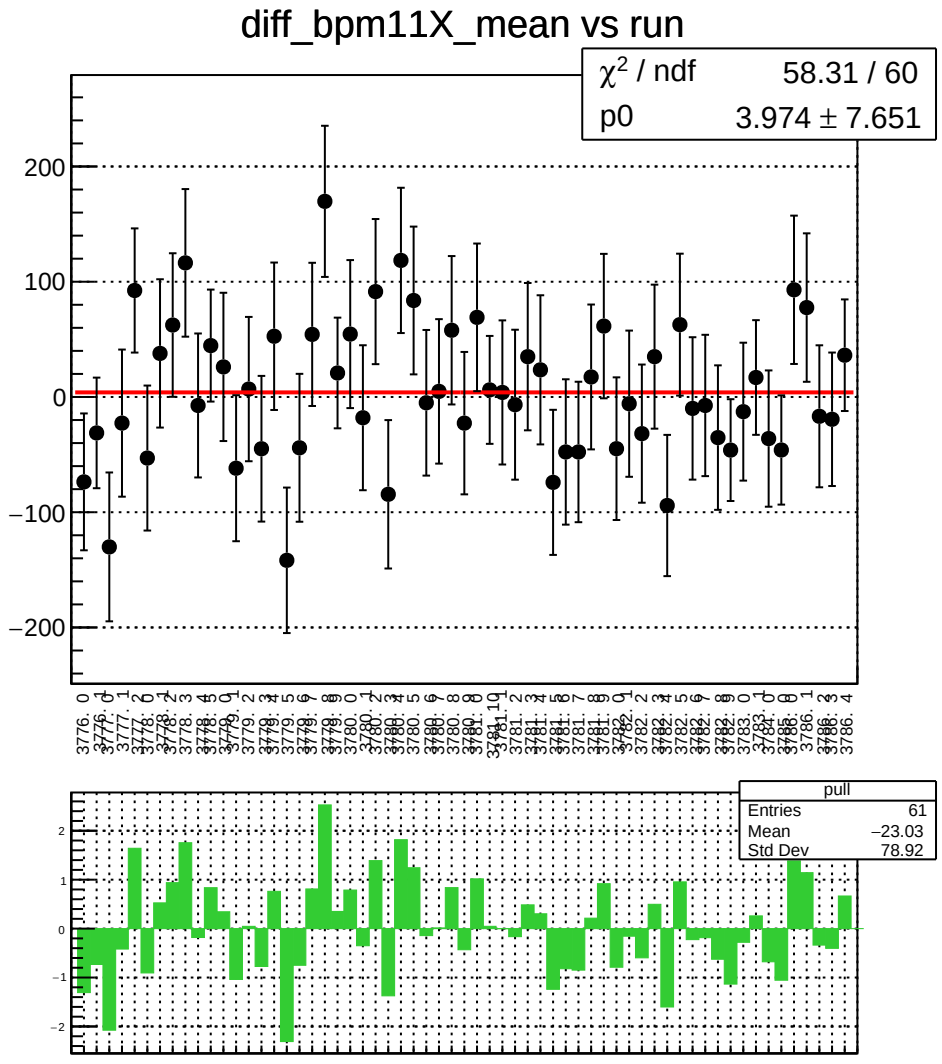

pull1D
Entries 61
Mean 0.01612
Std Dev 0.9159

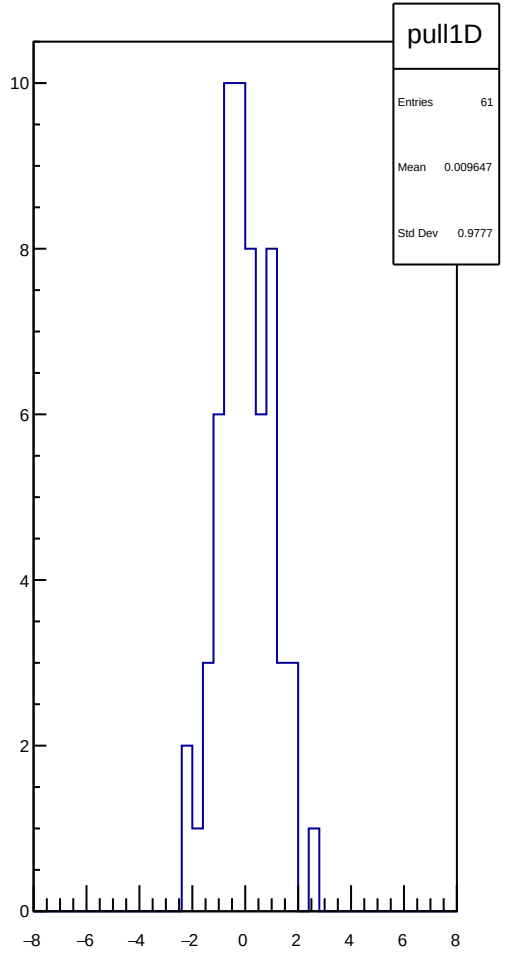

diff_bpm1X_rms vs run
χ² / ndf 2786 / 60
p0 9303 ± 8.45
11500
11000
10500
10000
9500
9000
8500

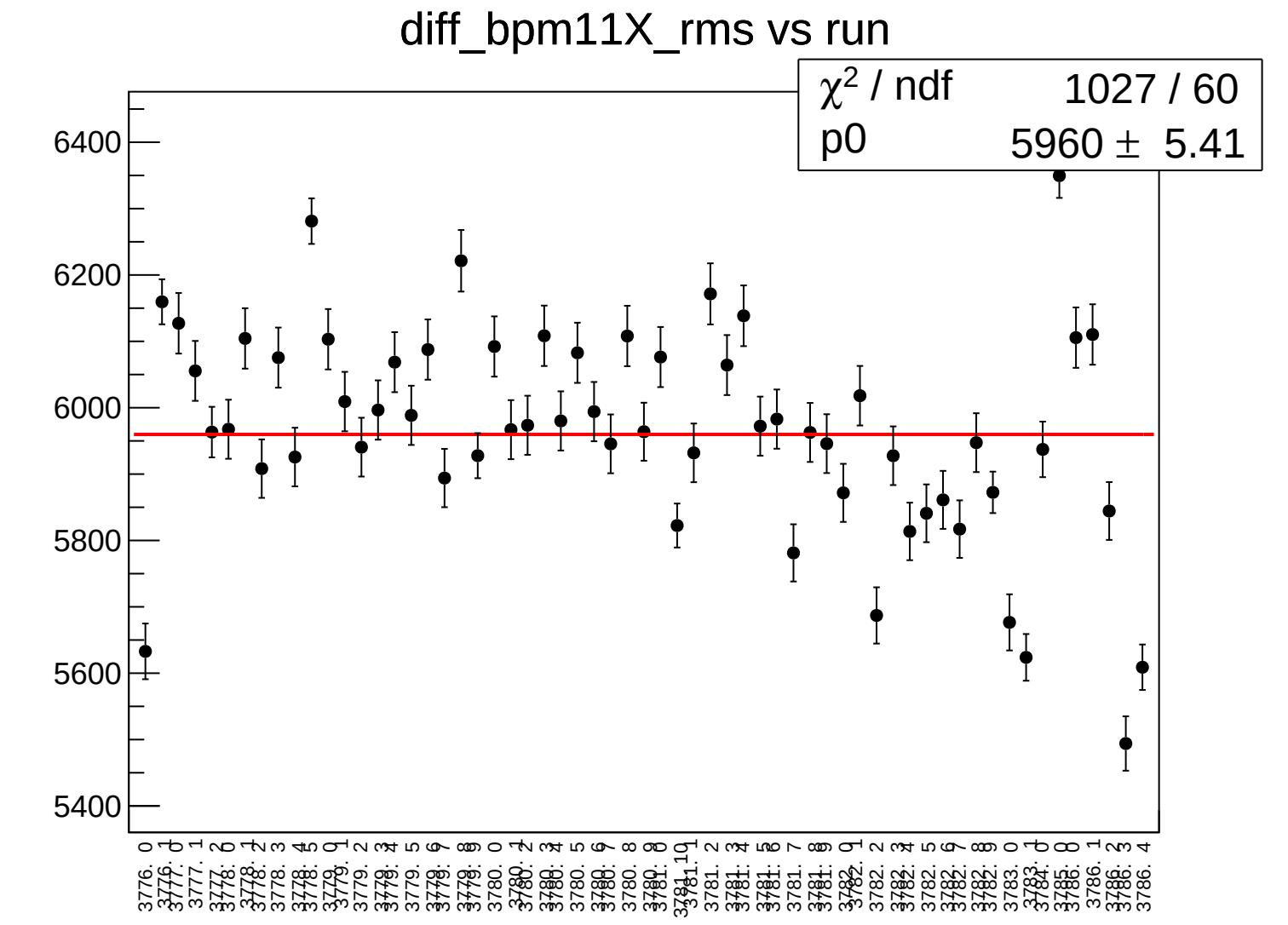

diff_bpm1Y_mean vs run
χ² / ndf 77.96 / 60
p0 −5.923 ± 6.763
200
100
0
−100
−200
pull
Entries 61
Mean 143.5
Std Dev 108.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

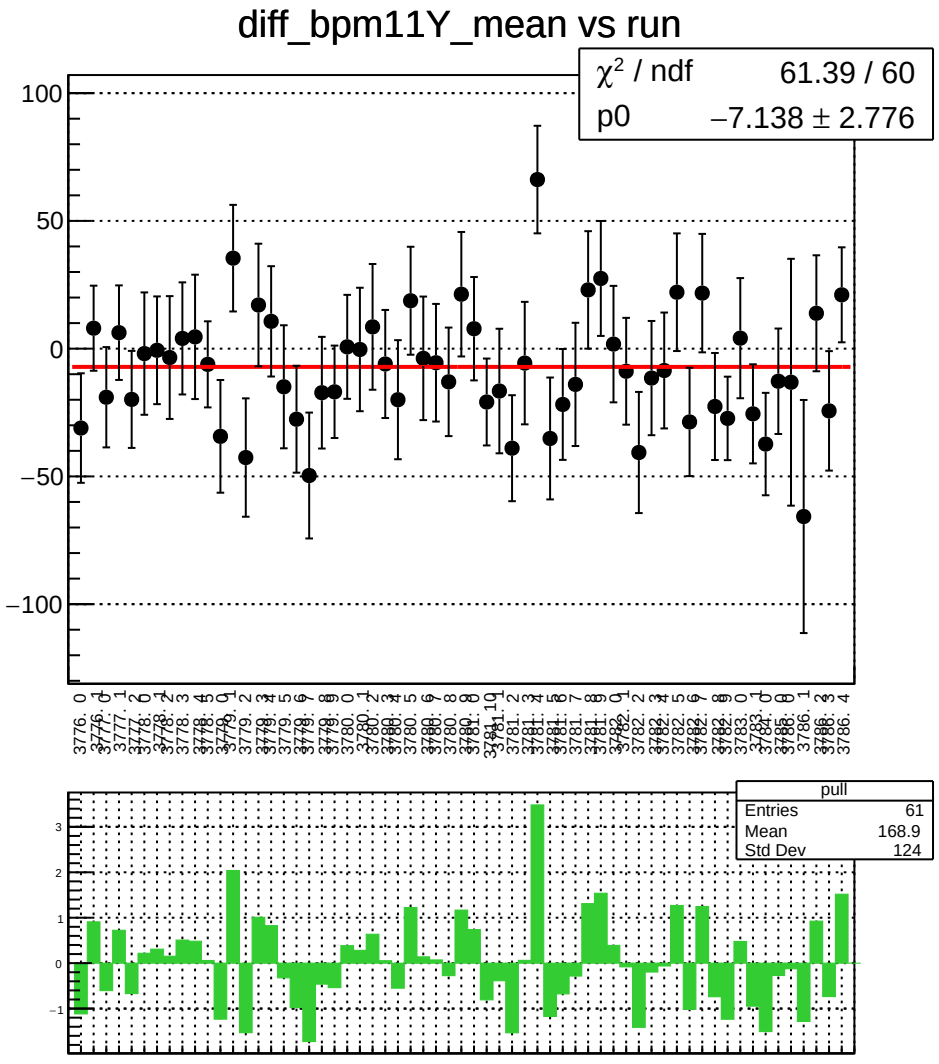

pull1D
Entries 61
Mean −0.00478
Std Dev 1.131
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

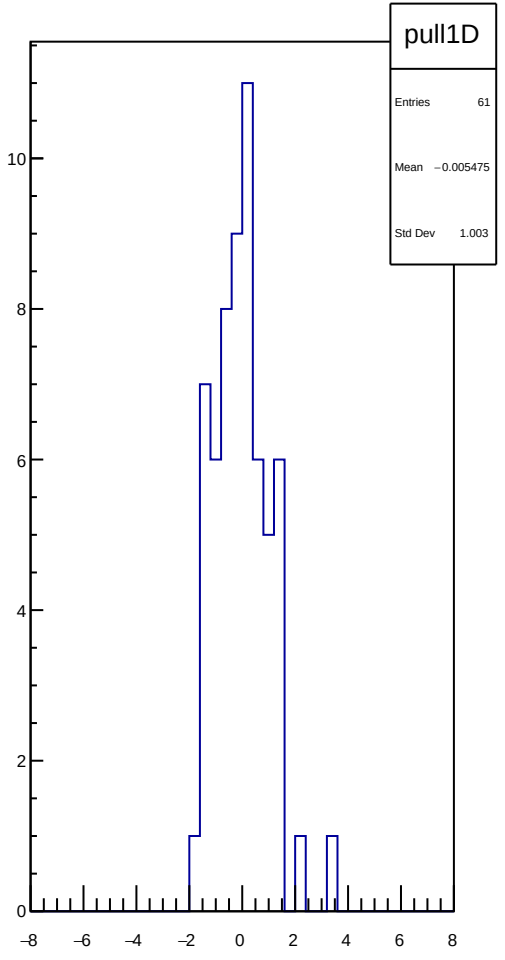

diff_bpm1Y_rms vs run
χ² / ndf 2.615e+04 / 60
p0 5214 ± 4.782
14000
12000
10000
8000
6000
4000

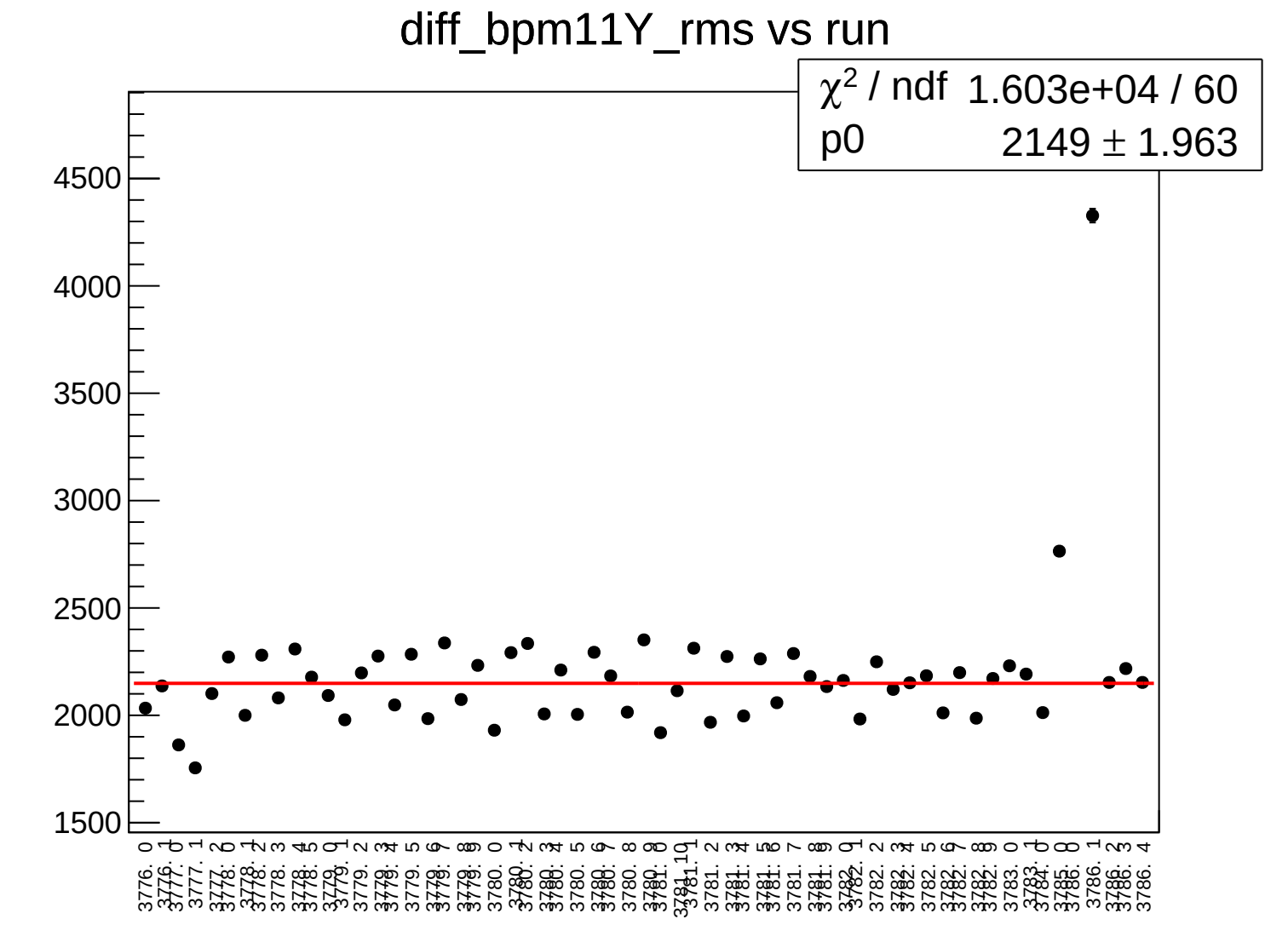

diff_bpm11X_mean vs run
χ^2 / ndf 58.31 / 60
p0 3.974 ± 7.651
200
100
0
−100
−200
pull
Entries 61
Mean −23.03
Std Dev 78.92
2
1
0
−1
−2

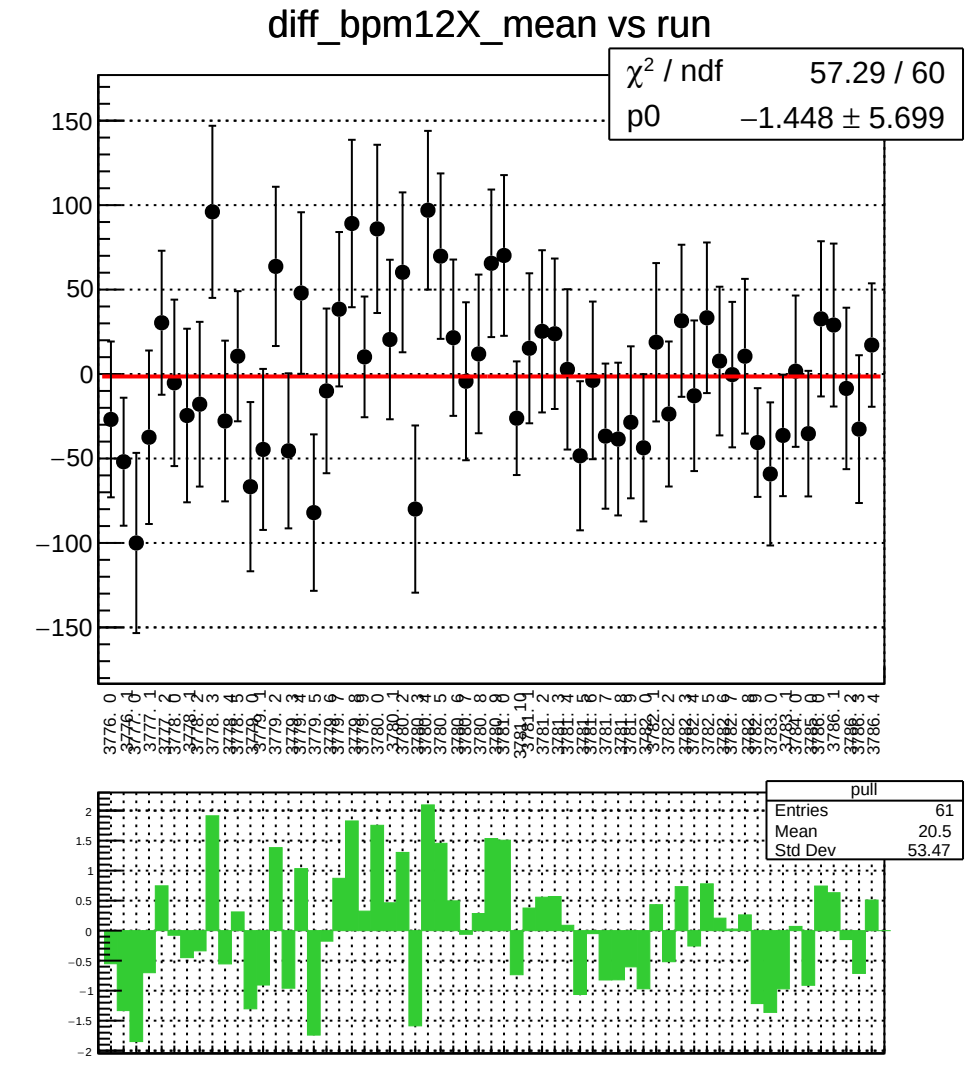

pull1D
Entries 61
Mean 0.009647
Std Dev 0.9777
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

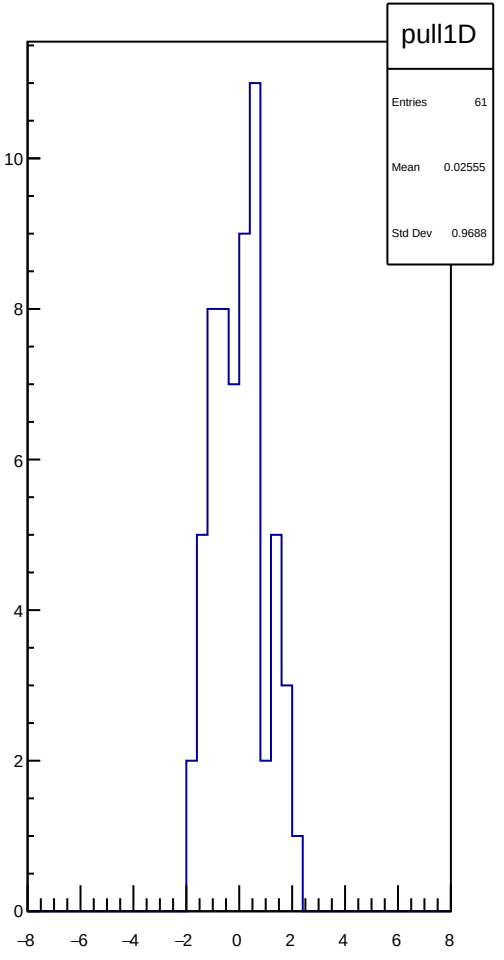

diff_bpm11X_rms vs run
χ² / ndf 1027 / 60
p0 5960 ± 5.41
6400
6200
6000
5800
5600
5400

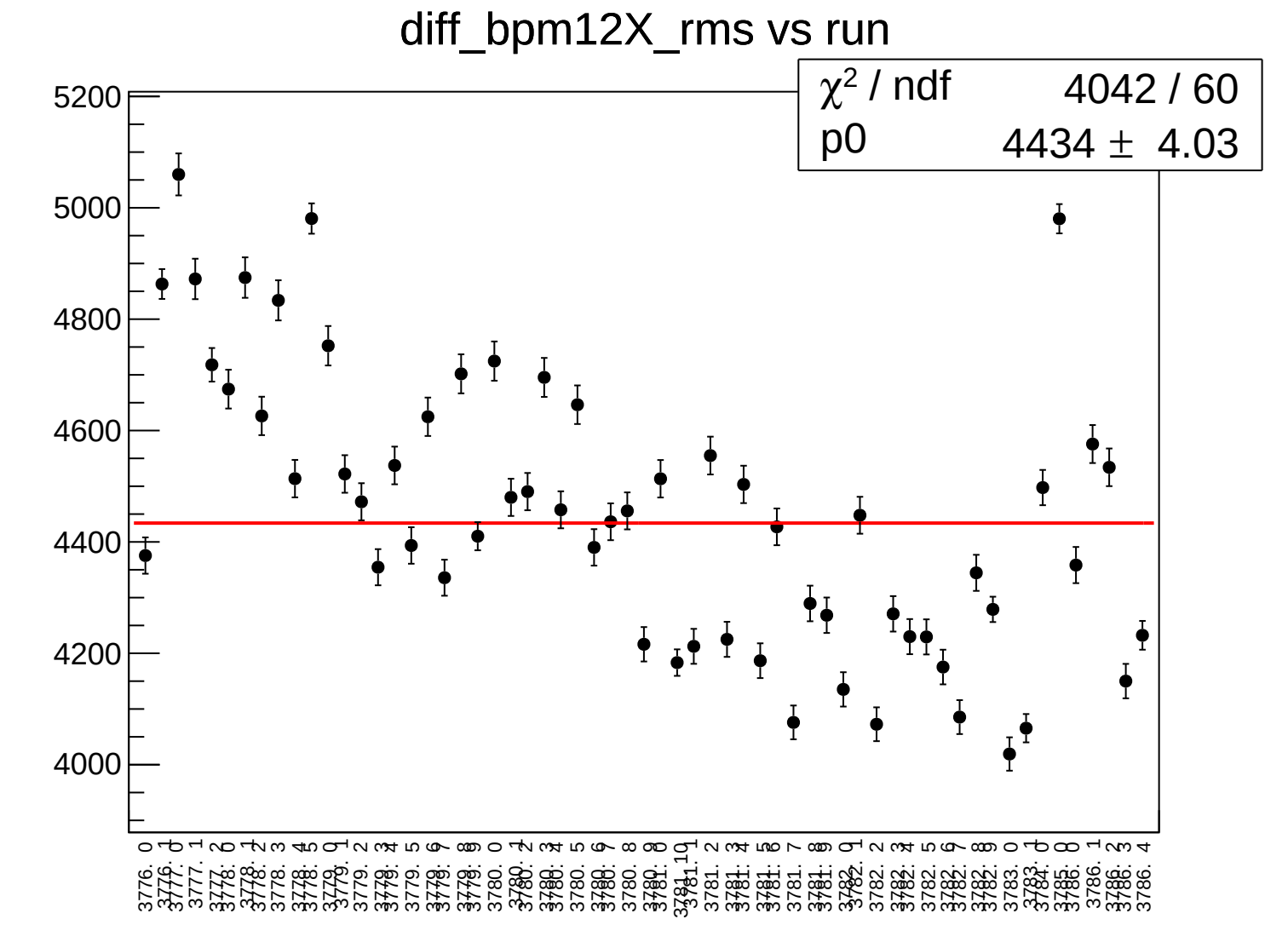

diff_bpm11Y_mean vs run
χ² / ndf 61.39 / 60
p0 −7.138 ± 2.776
pull
Entries 61
Mean 168.9
Std Dev 124

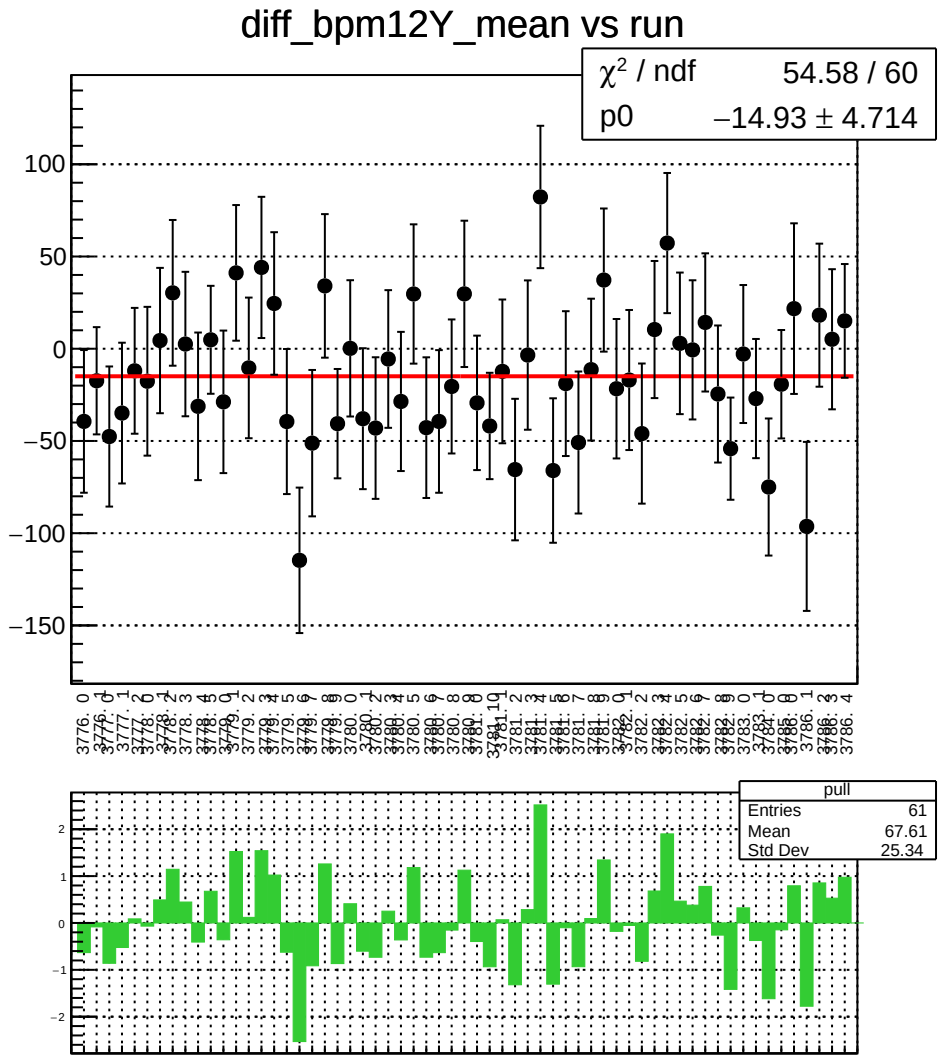

pull1D
Entries 61
Mean −0.005475
Std Dev 1.003

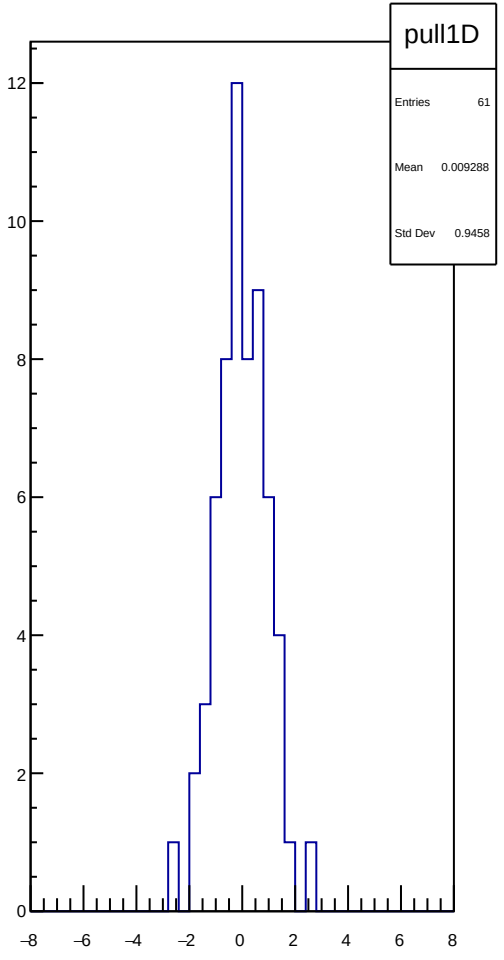

diff_bpm11Y_rms vs run
χ² / ndf 1.603e+04 / 60
p0 2149 ± 1.963
4500
4000
3500
3000
2500
2000
1500

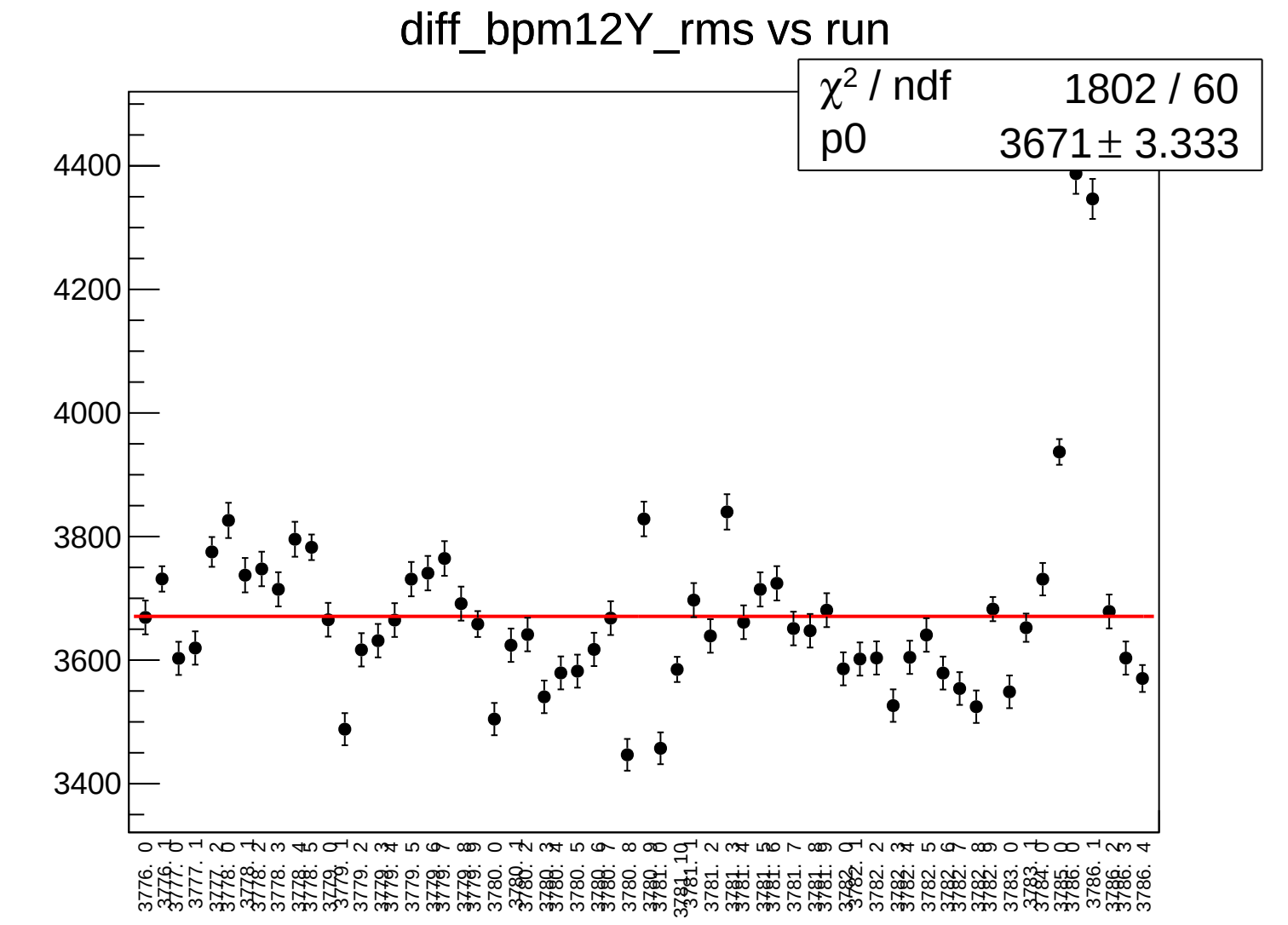

diff_bpm12X_mean vs run
χ² / ndf 57.29 / 60
p0 −1.448 ± 5.699
pull
Entries 61
Mean 20.5
Std Dev 53.47

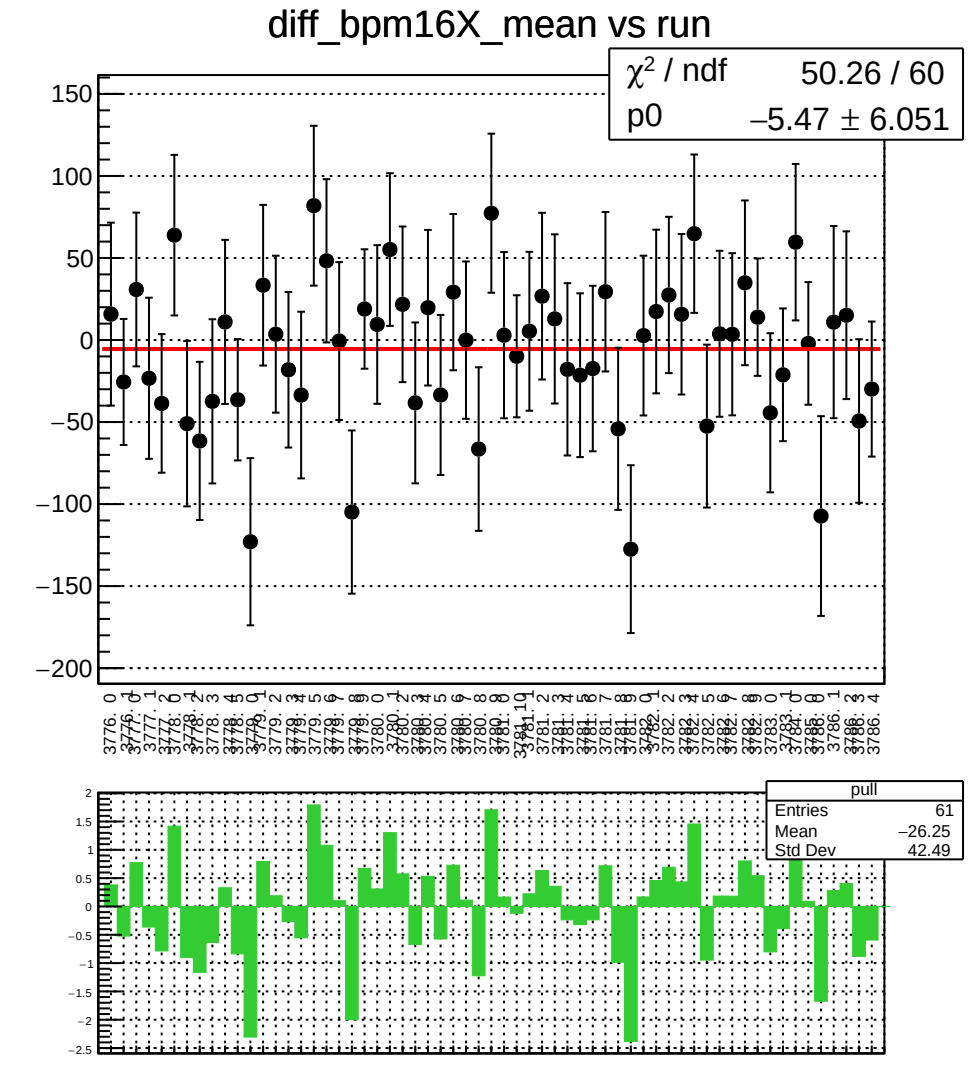

pull1D
Entries 61
Mean 0.02555
Std Dev 0.9688

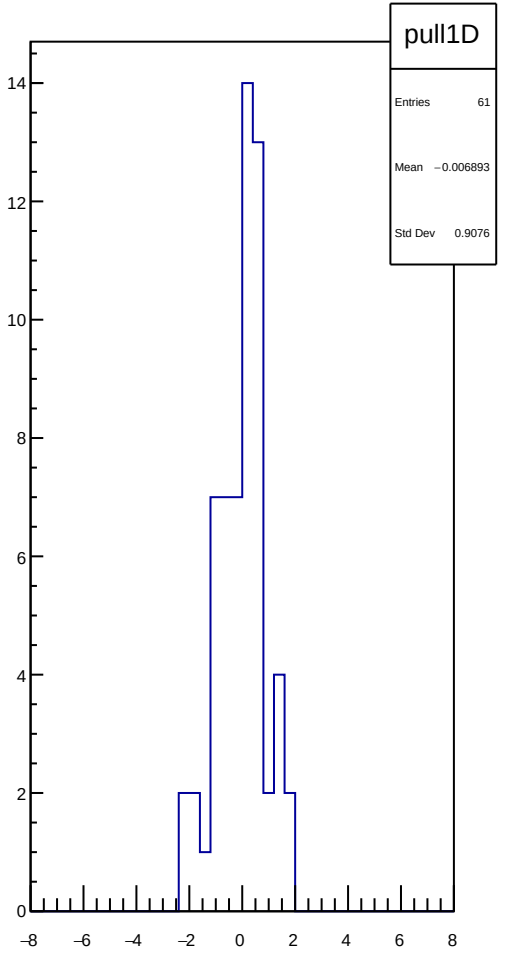

diff_bpm12X_rms vs run
χ² / ndf 4042 / 60
p0 4434 ± 4.03
5200
5000
4800
4600
4400
4200
4000

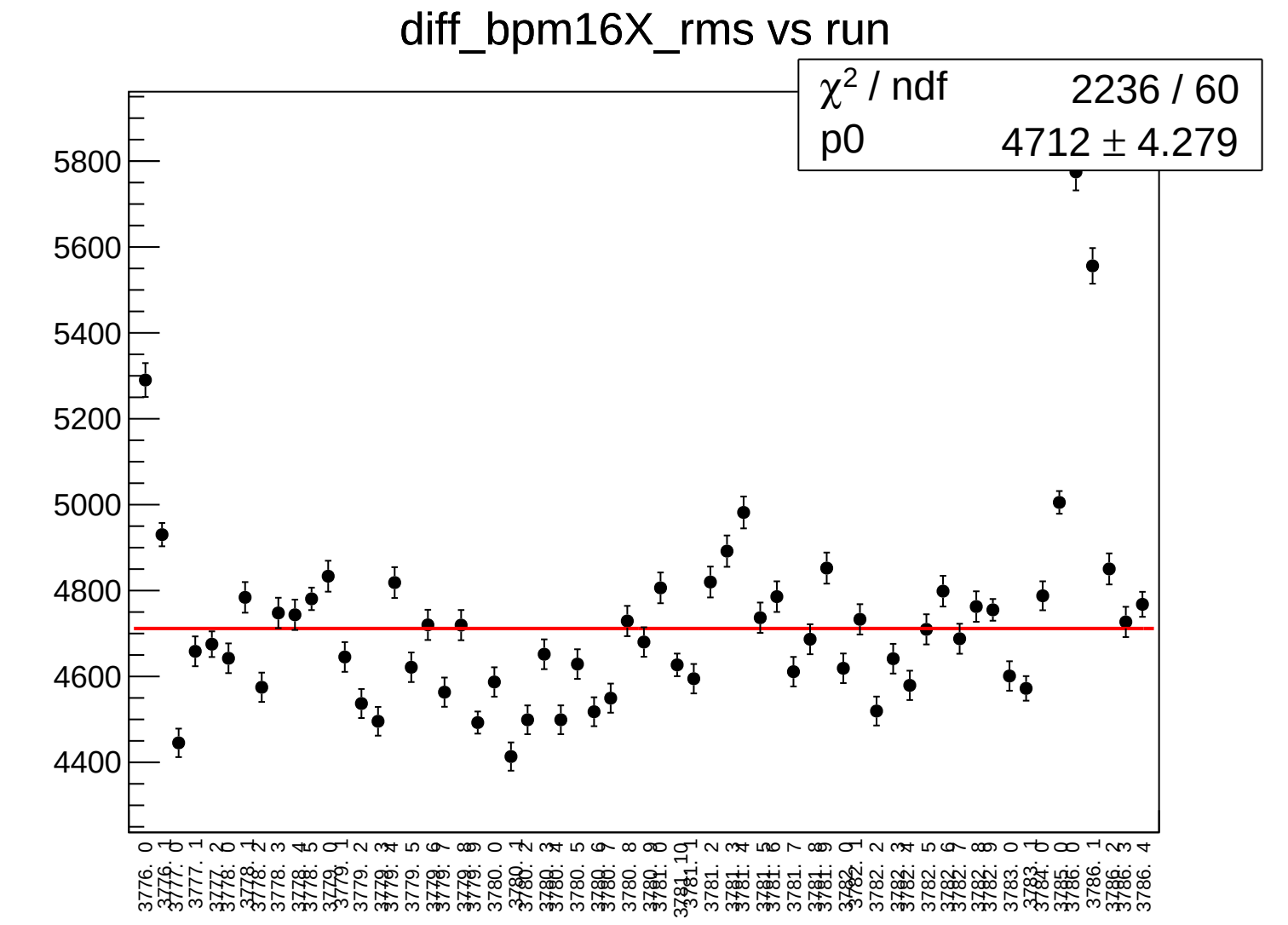

diff_bpm12Y_mean vs run
χ² / ndf 54.58 / 60
p0 −14.93 ± 4.714
pull
Entries 61
Mean 67.61
Std Dev 25.34

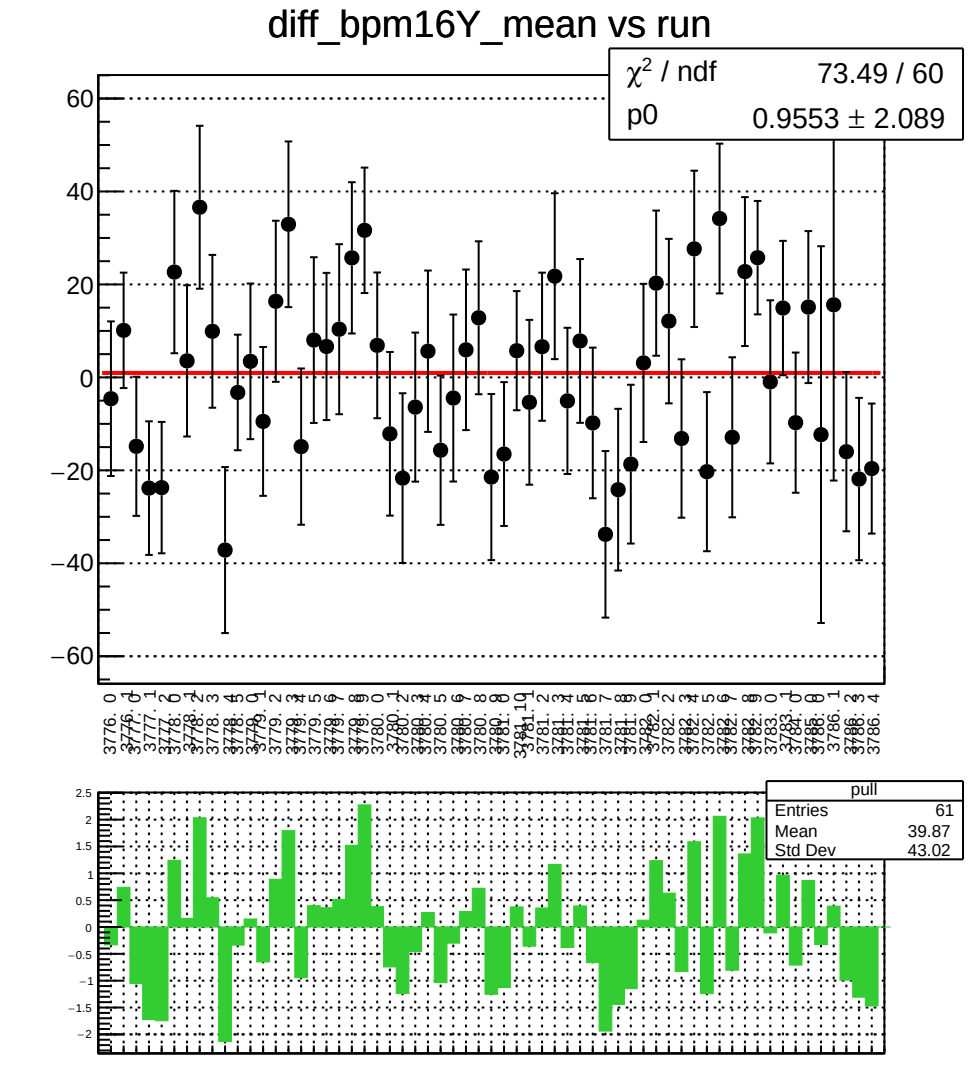

pull1D
Entries 61
Mean 0.009288
Std Dev 0.9458

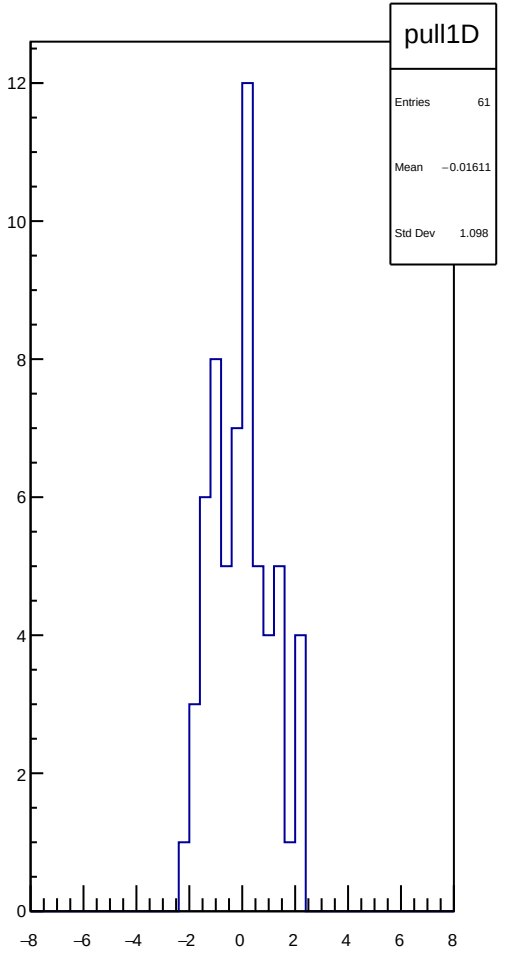

diff_bpm12Y_rms vs run
χ² / ndf 1802 / 60
p0 3671 ± 3.333
4400
4200
4000
3800
3600
3400

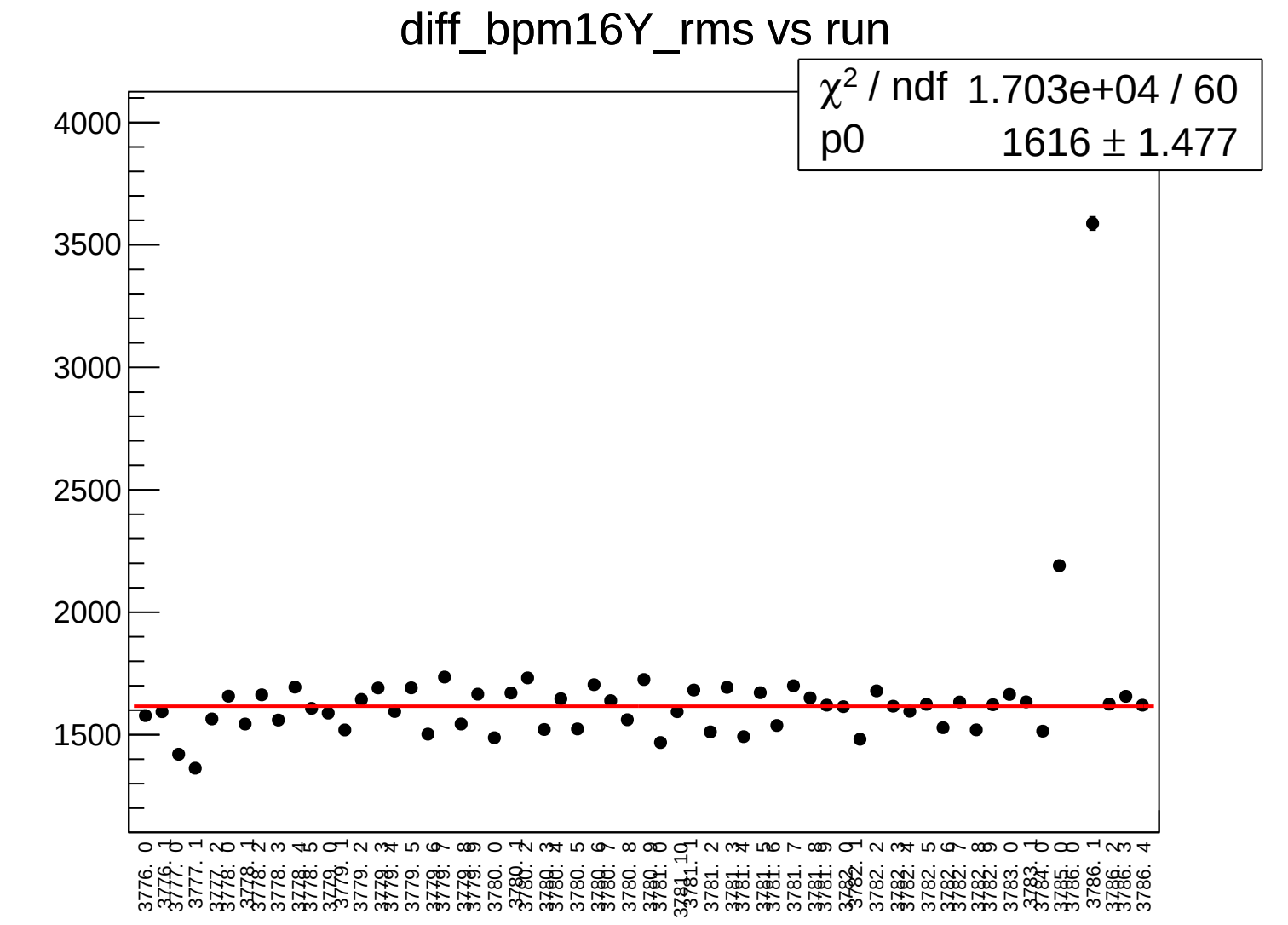

diff_bpm16X_mean vs run
χ² / ndf 50.26 / 60
p0 −5.47 ± 6.051
pull
Entries 61
Mean −26.25
Std Dev 42.49

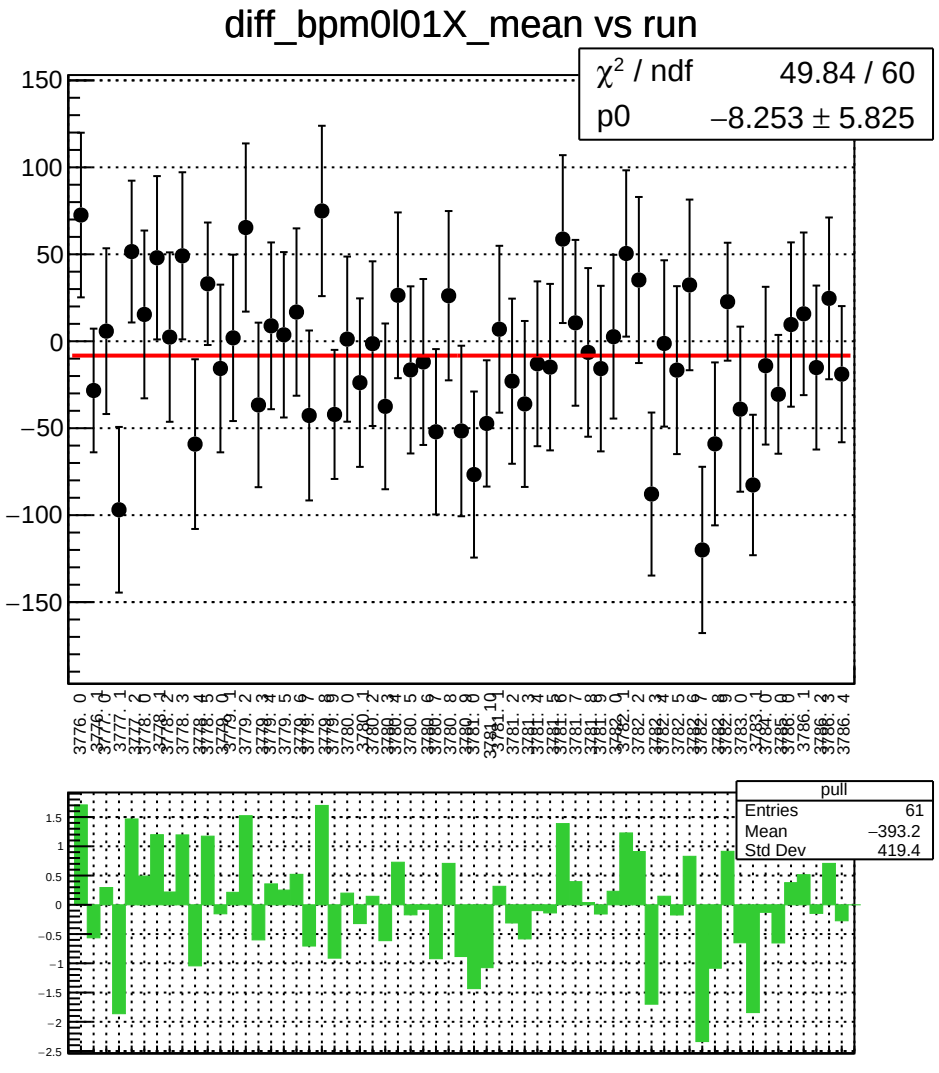

pull1D
Entries 61
Mean −0.006893
Std Dev 0.9076

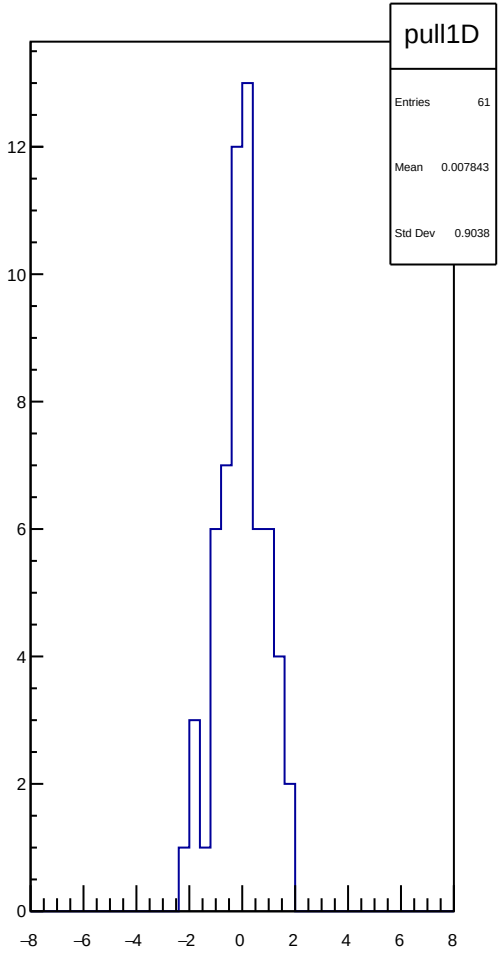

diff_bpm16X_rms vs run
χ² / ndf 2236 / 60
p0 4712 ± 4.279
5800
5600
5400
5200
5000
4800
4600
4400

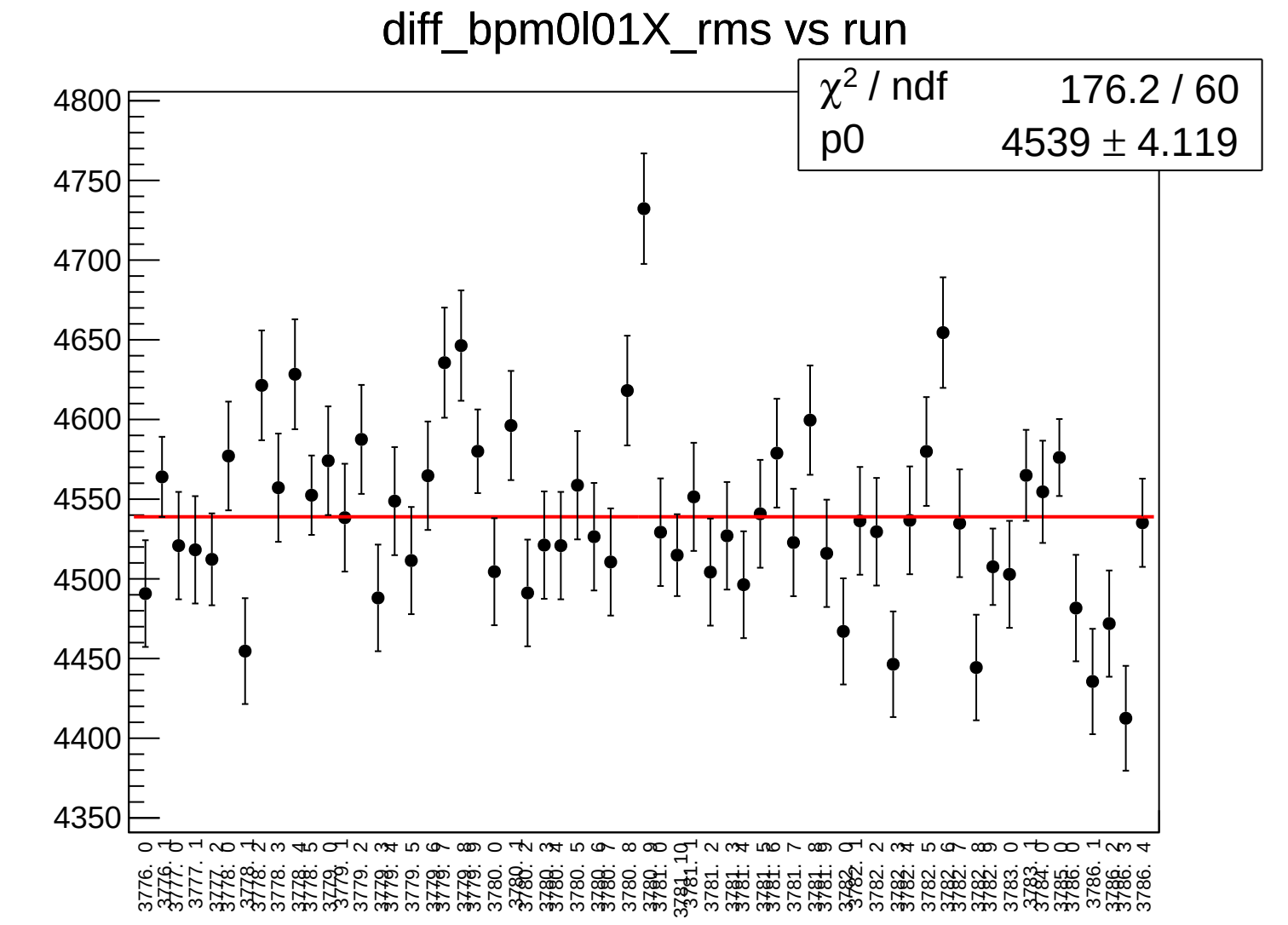

diff_bpm16Y_mean vs run
χ² / ndf 73.49 / 60
p0 0.9553 ± 2.089
pull
Entries 61
Mean 39.87
Std Dev 43.02

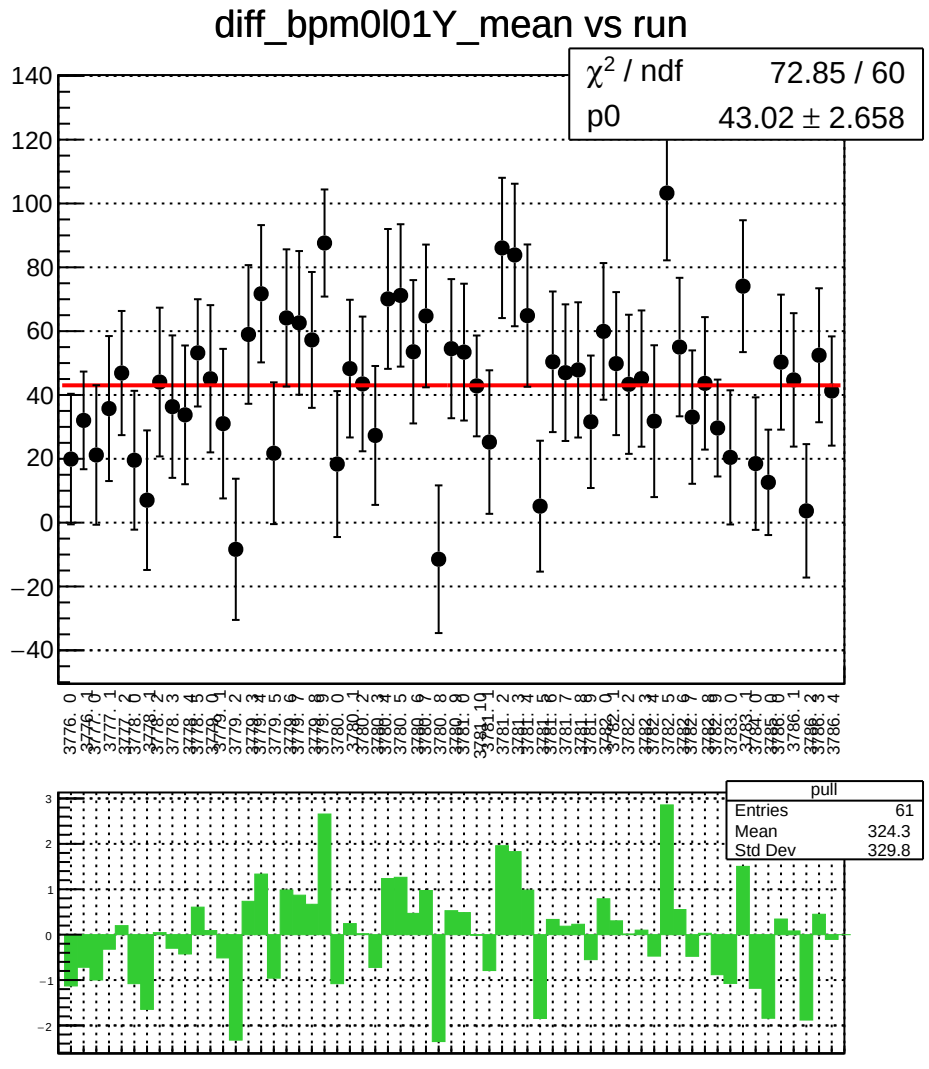

pull1D
Entries 61
Mean −0.01611
Std Dev 1.098

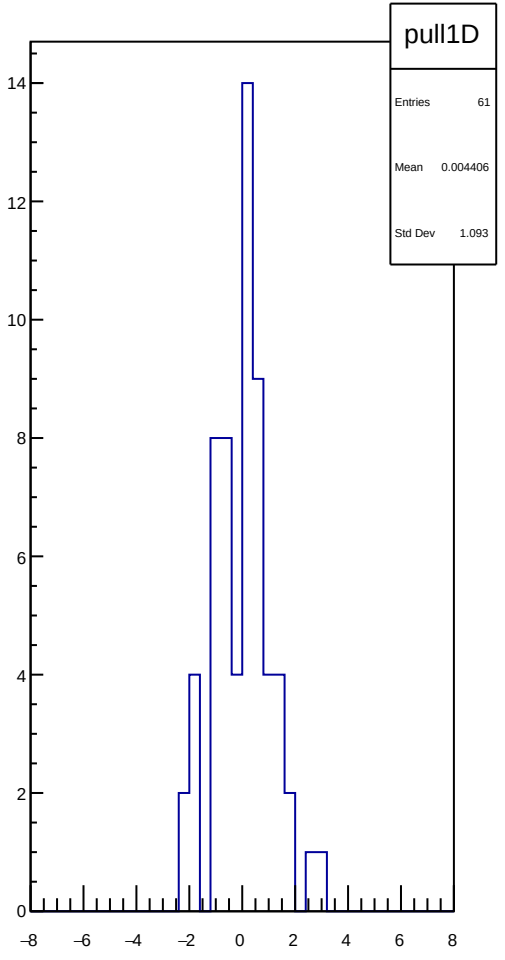

diff_bpm16Y_rms vs run
χ² / ndf 1.703e+04 / 60
p0 1616 ± 1.477
4000
3500
3000
2500
2000
1500

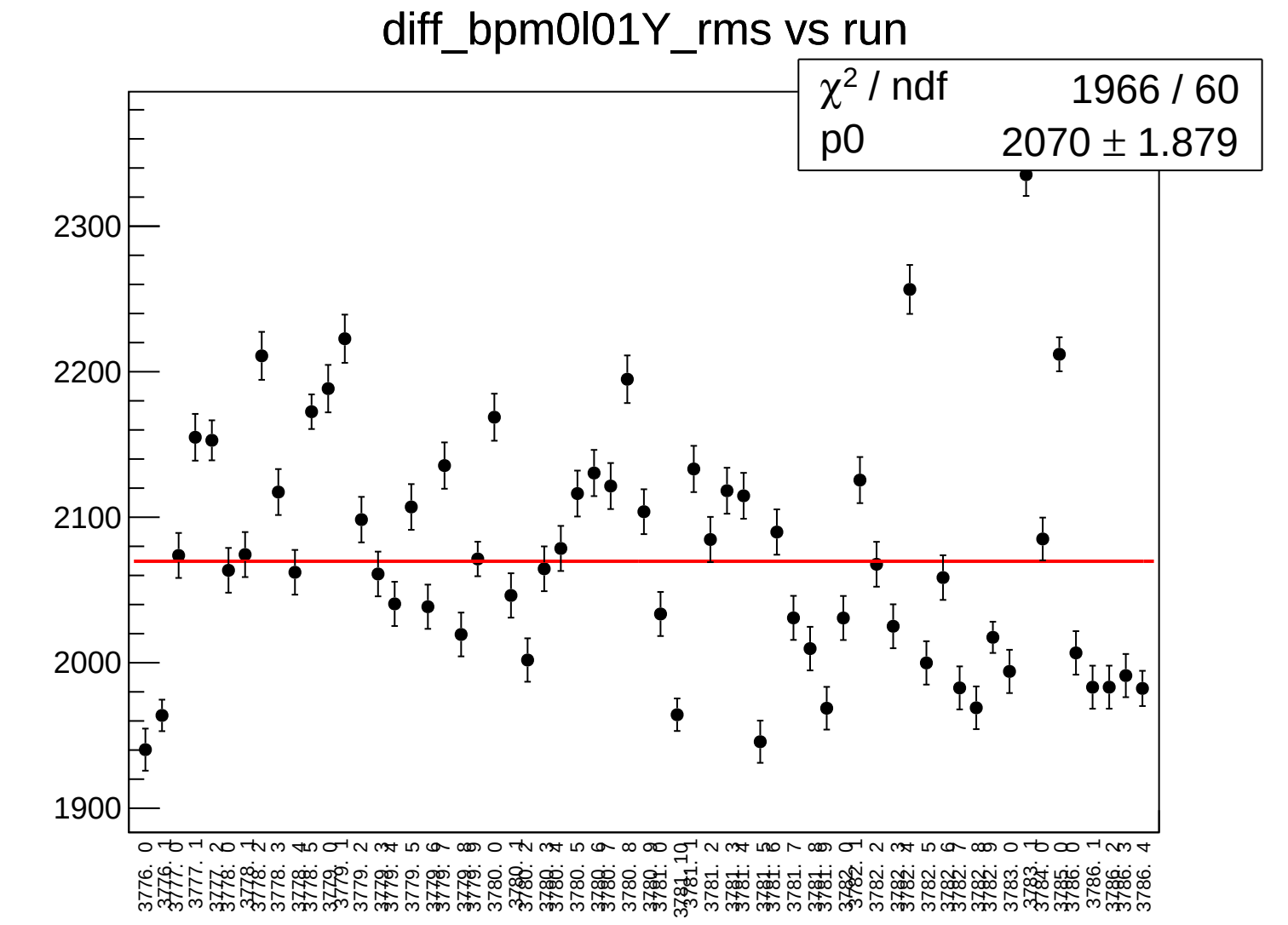

diff_bpm0l01X_mean vs run
χ^2 / ndf 49.84 / 60
p0 −8.253 ± 5.825
pull
Entries 61
Mean −393.2
Std Dev 419.4

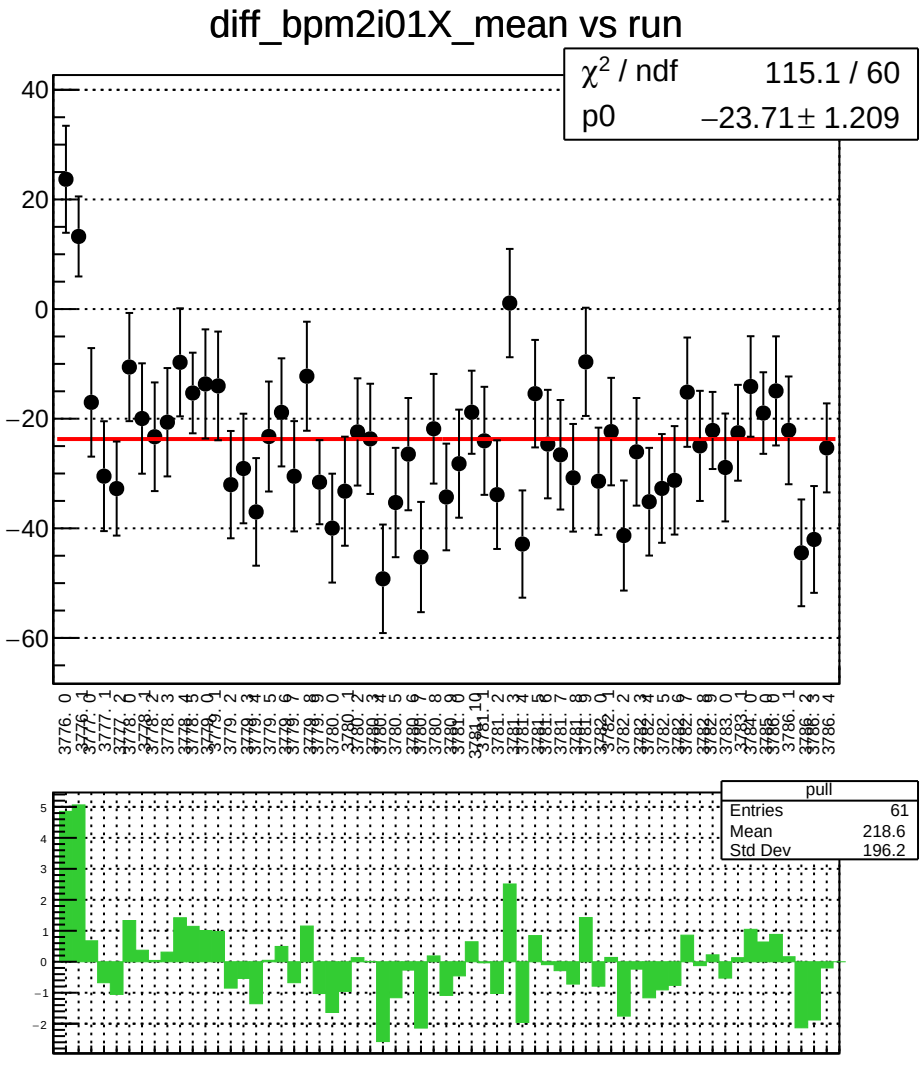

pull1D
Entries 61
Mean 0.007843
Std Dev 0.9038

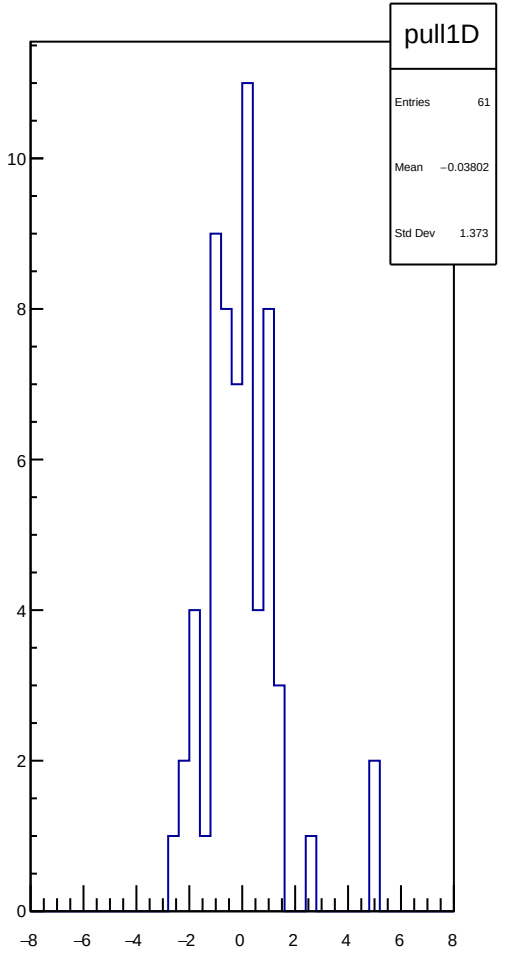

diff_bpm0l01X_rms vs run
χ² / ndf 176.2 / 60
p0 4539 ± 4.119
4800
4750
4700
4650
4600
4550
4500
4450
4400
4350

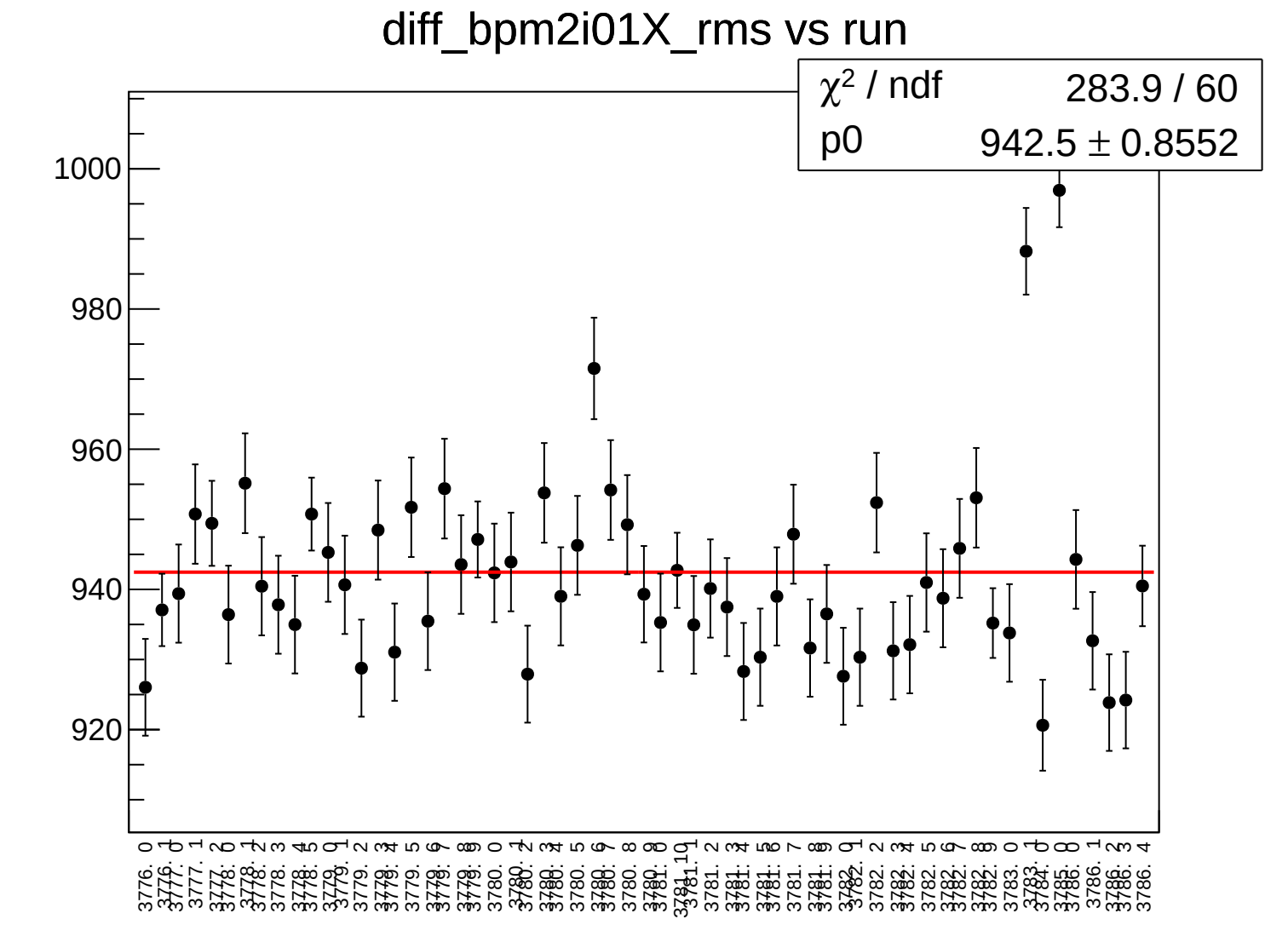

diff_bpm0l01Y_mean vs run
χ^2 / ndf 72.85 / 60
p0 43.02 ± 2.658
pull
Entries 61
Mean 324.3
Std Dev 329.8

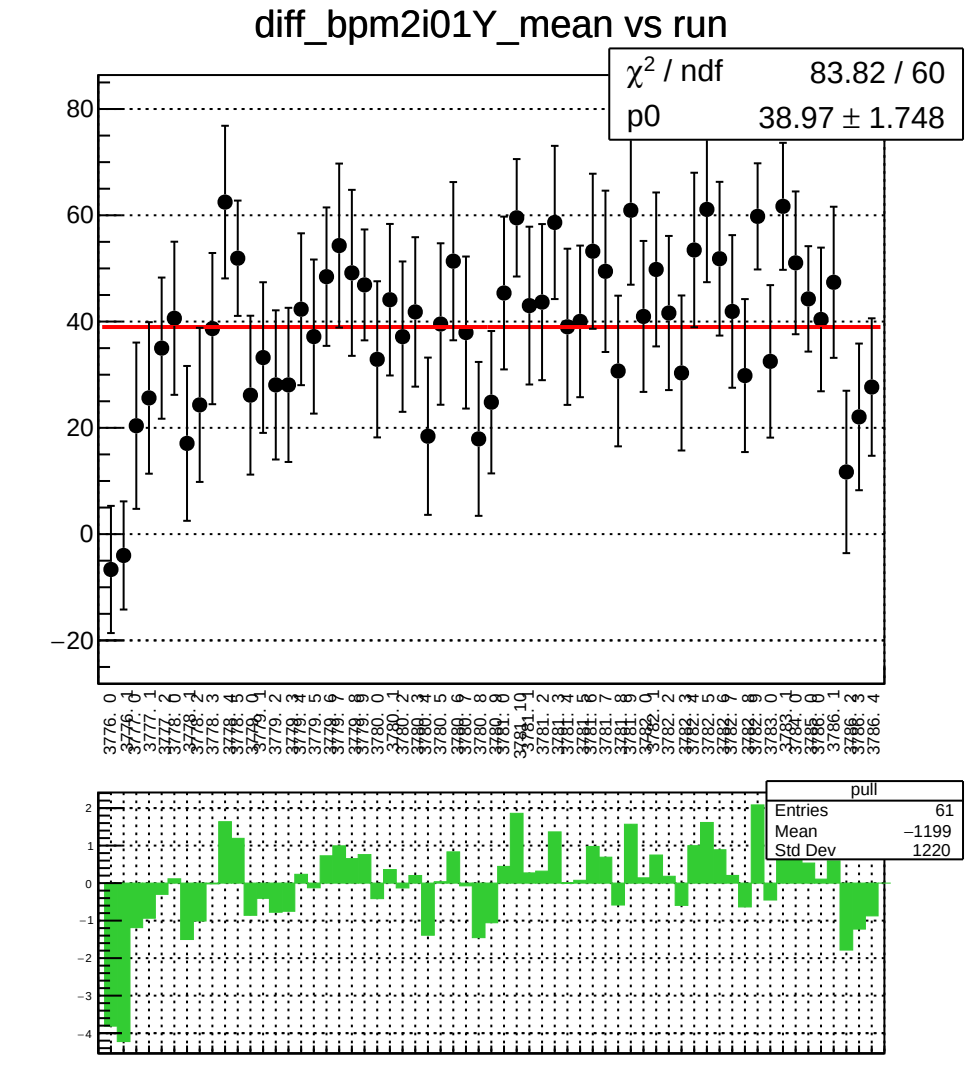

pull1D
Entries 61
Mean 0.004406
Std Dev 1.093

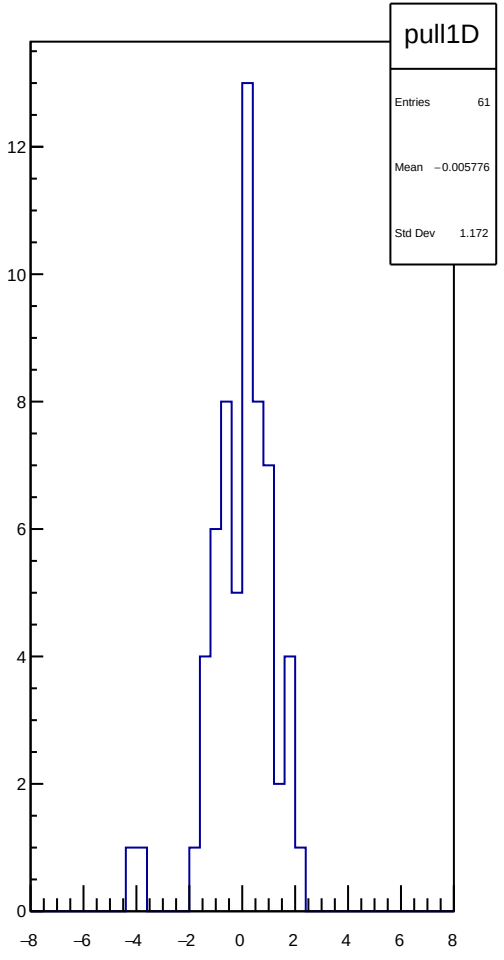

diff_bpm0l01Y_rms vs run
χ² / ndf 1966 / 60
p0 2070 ± 1.879
2300
2200
2100
2000
1900

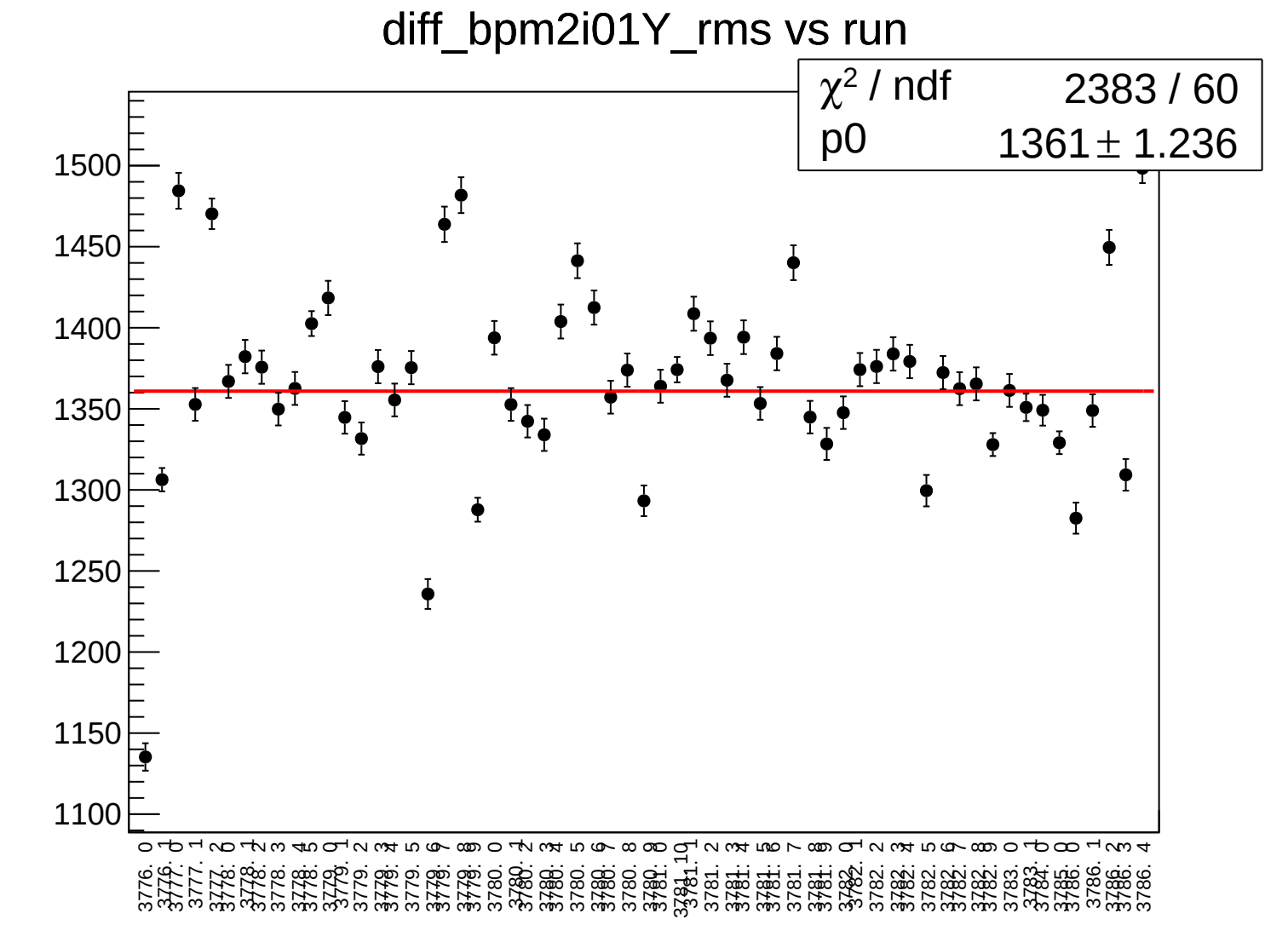

diff_bpm2i01X_mean vs run
χ² / ndf 115.1 / 60
p0 −23.71± 1.209
pull
Entries 61
Mean 218.6
Std Dev 196.2

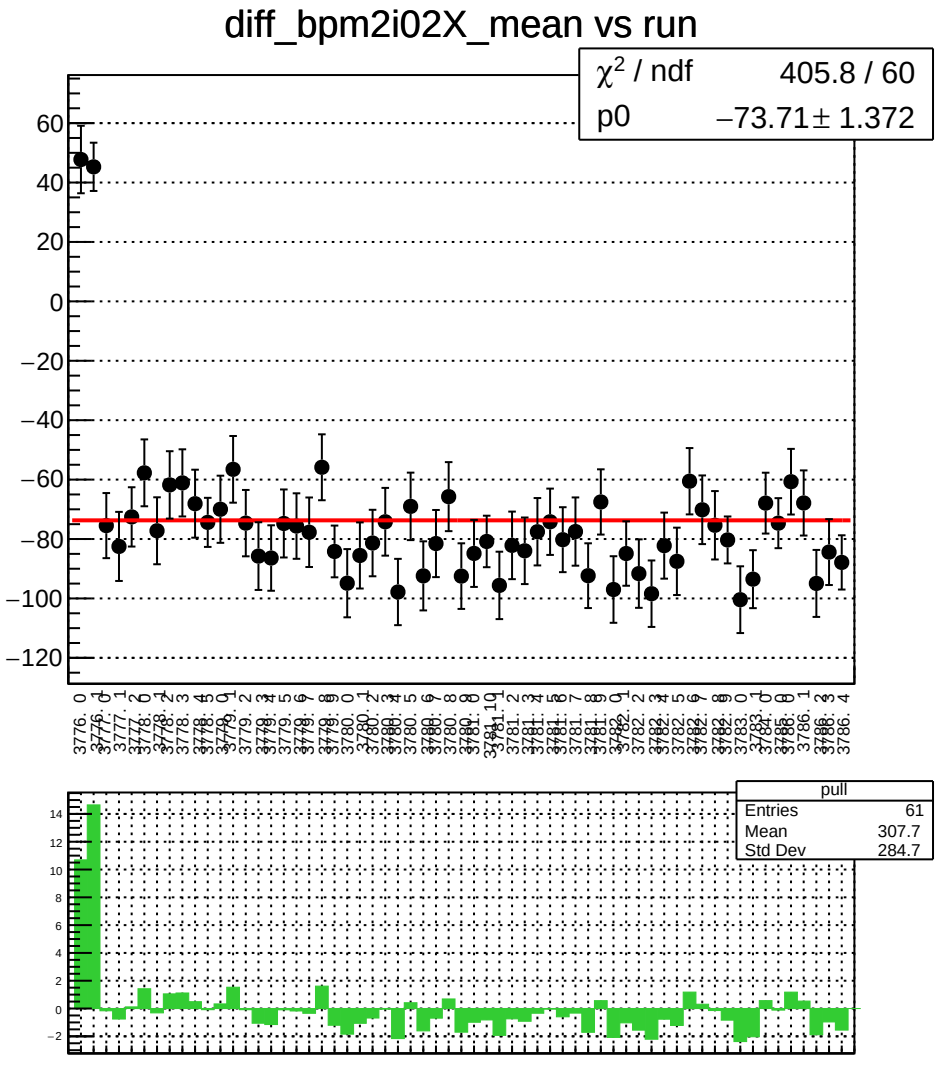

pull1D
Entries 61
Mean −0.03802
Std Dev 1.373

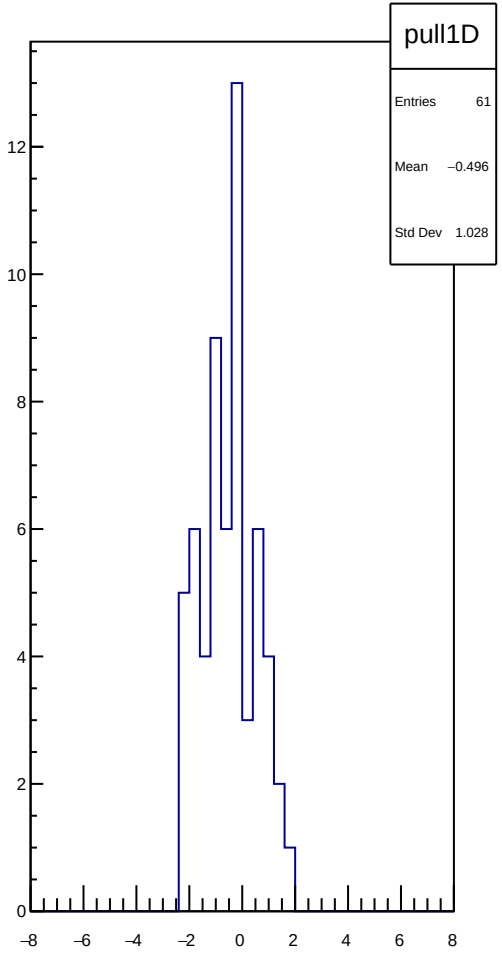

diff_bpm2i01X_rms vs run
χ² / ndf 283.9 / 60
p0 942.5 ± 0.8552
1000
980
960
940
920

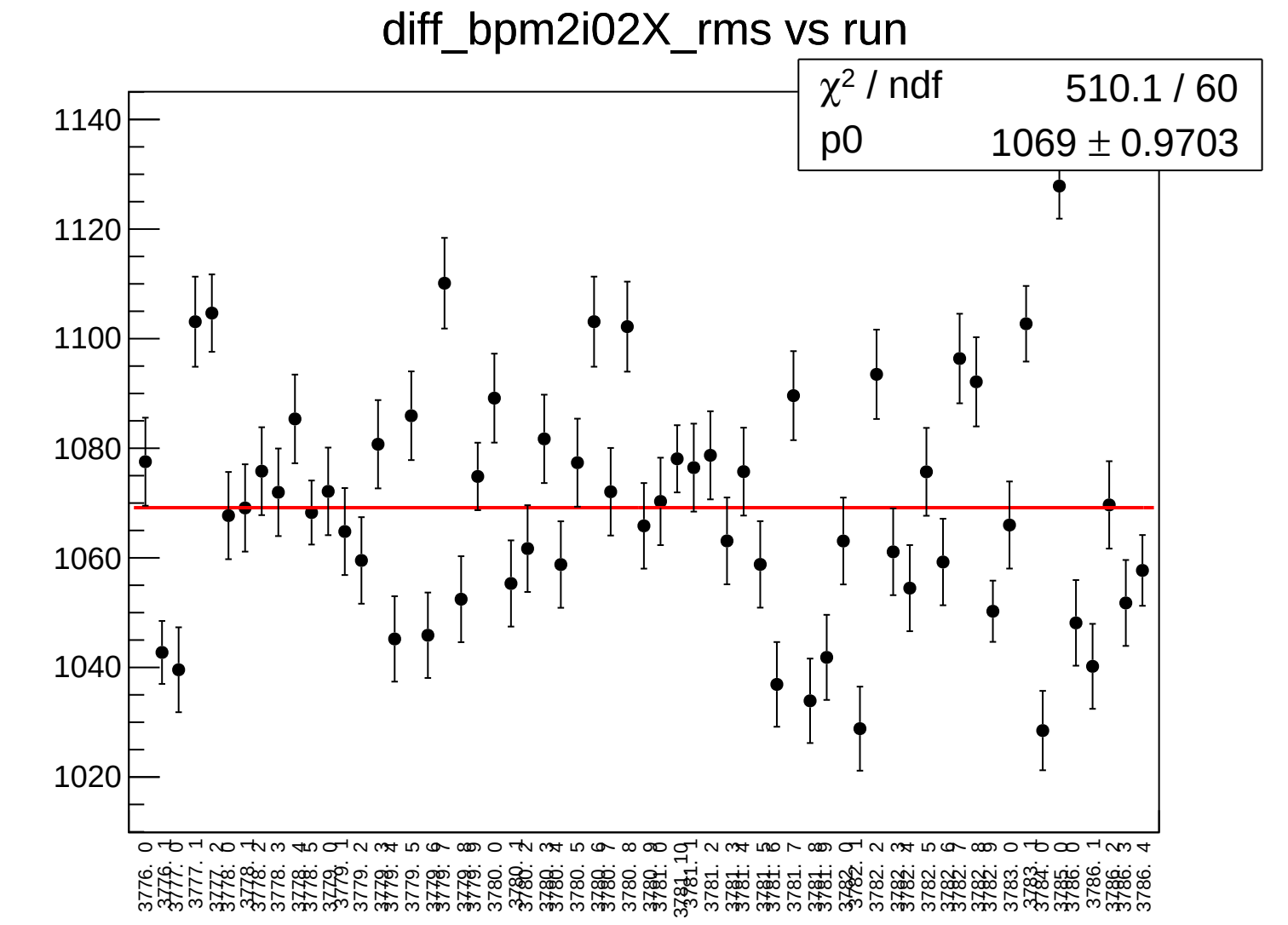

diff_bpm2i01Y_mean vs run
χ^2 / ndf 83.82 / 60
p0 38.97 ± 1.748
pull
Entries 61
Mean −1199
Std Dev 1220

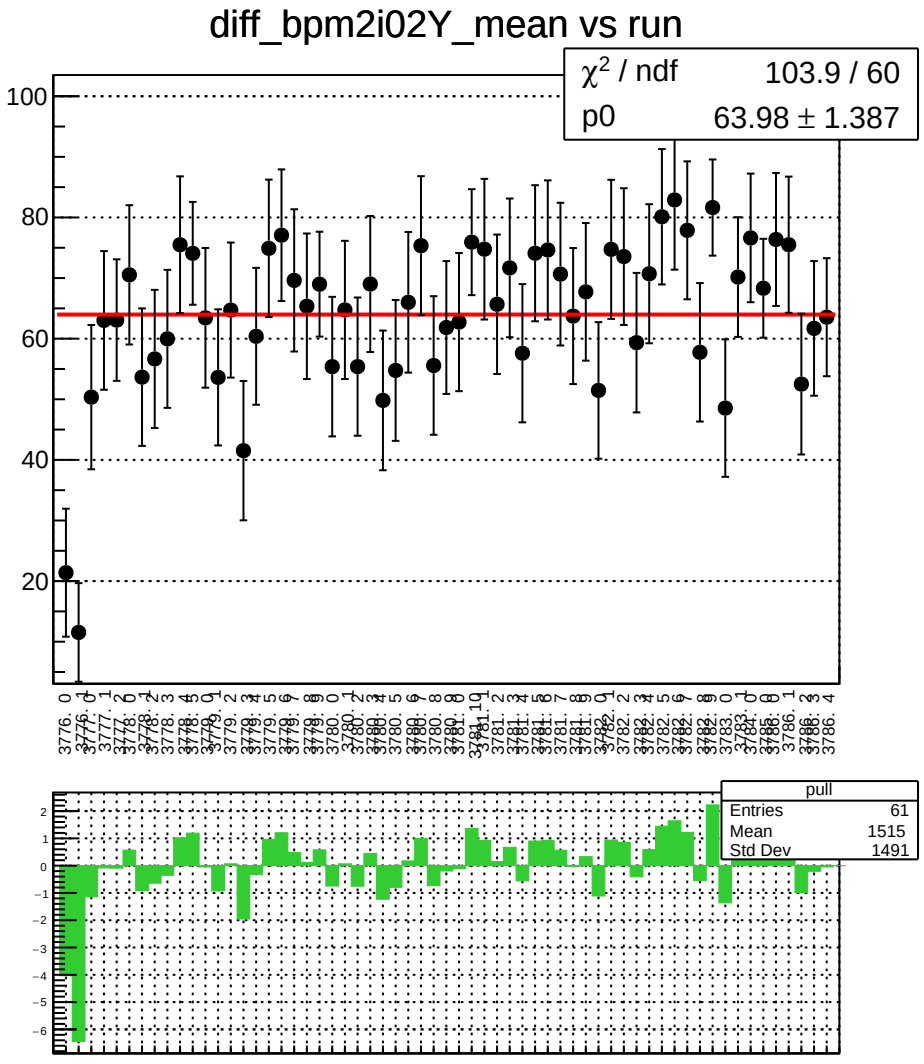

pull1D
Entries 61
Mean −0.005776
Std Dev 1.172

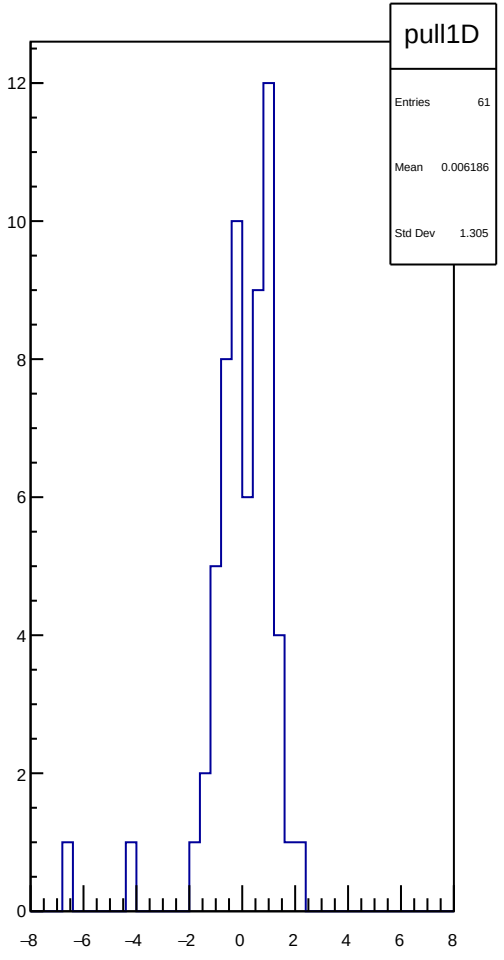

diff_bpm2i01Y_rms vs run
χ² / ndf 2383 / 60
p0 1361 ± 1.236
1500
1450
1400
1350
1300
1250
1200
1150
1100

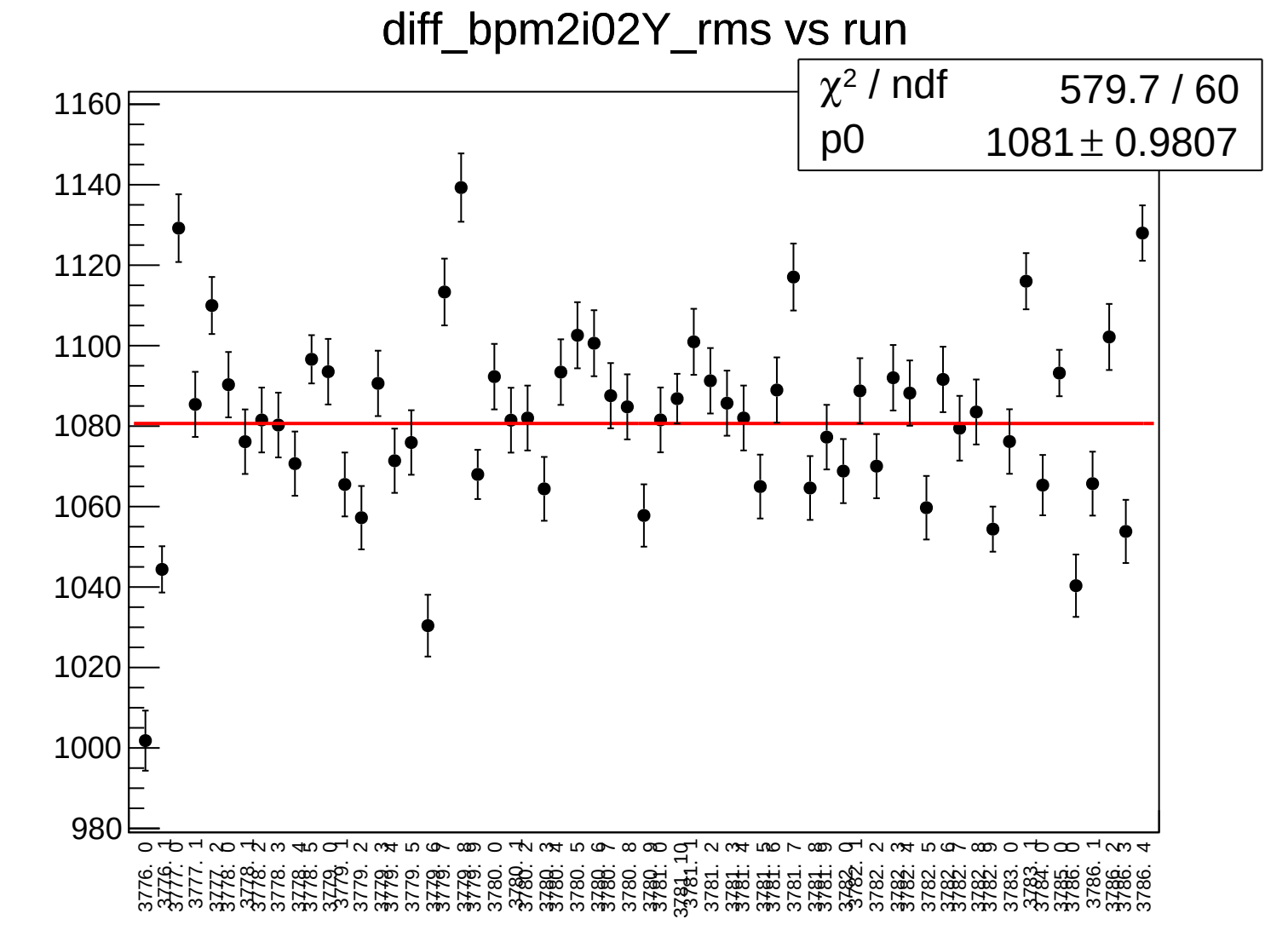

diff_bpm2i02X_mean vs run
χ² / ndf 405.8 / 60
p0 −73.71± 1.372
pull
Entries 61
Mean 307.7
Std Dev 284.7

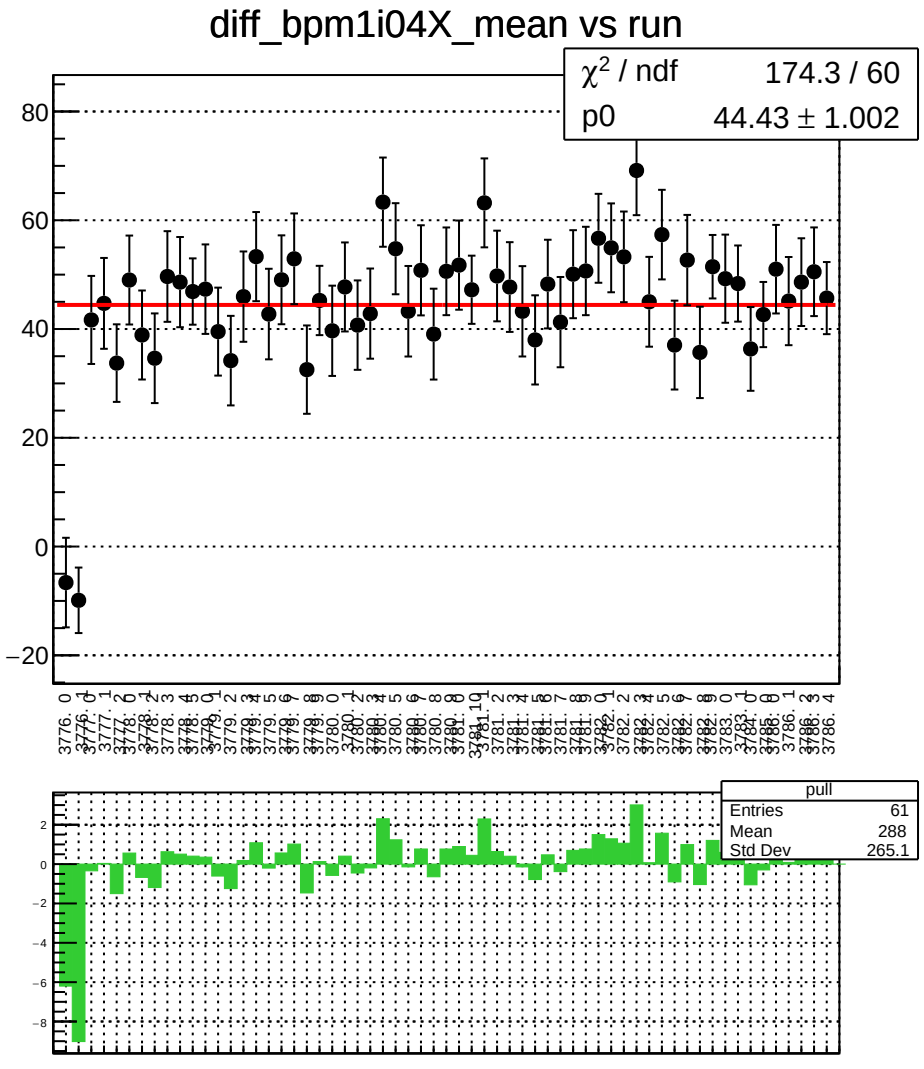

pull1D
Entries 61
Mean −0.496
Std Dev 1.028

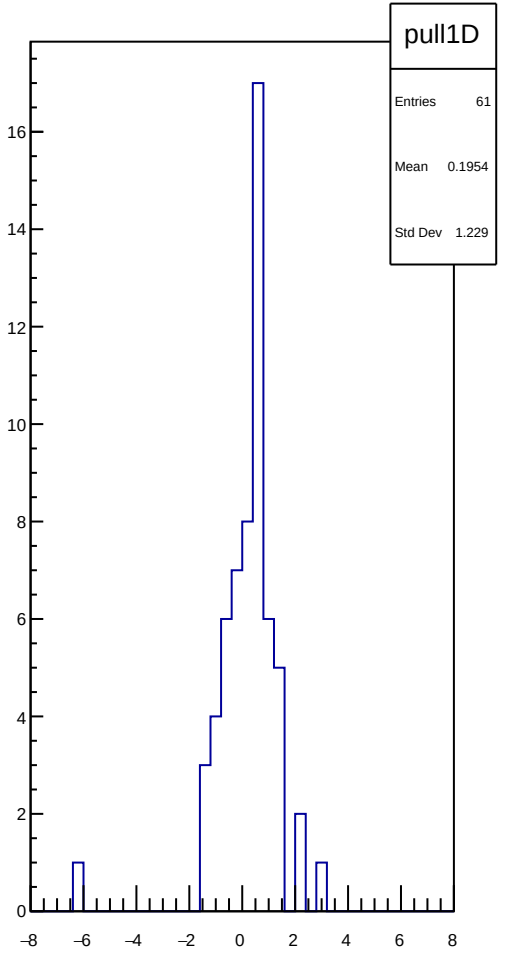

diff_bpm2i02X_rms vs run
χ² / ndf 510.1 / 60
p0 1069 ± 0.9703
1140
1120
1100
1080
1060
1040
1020

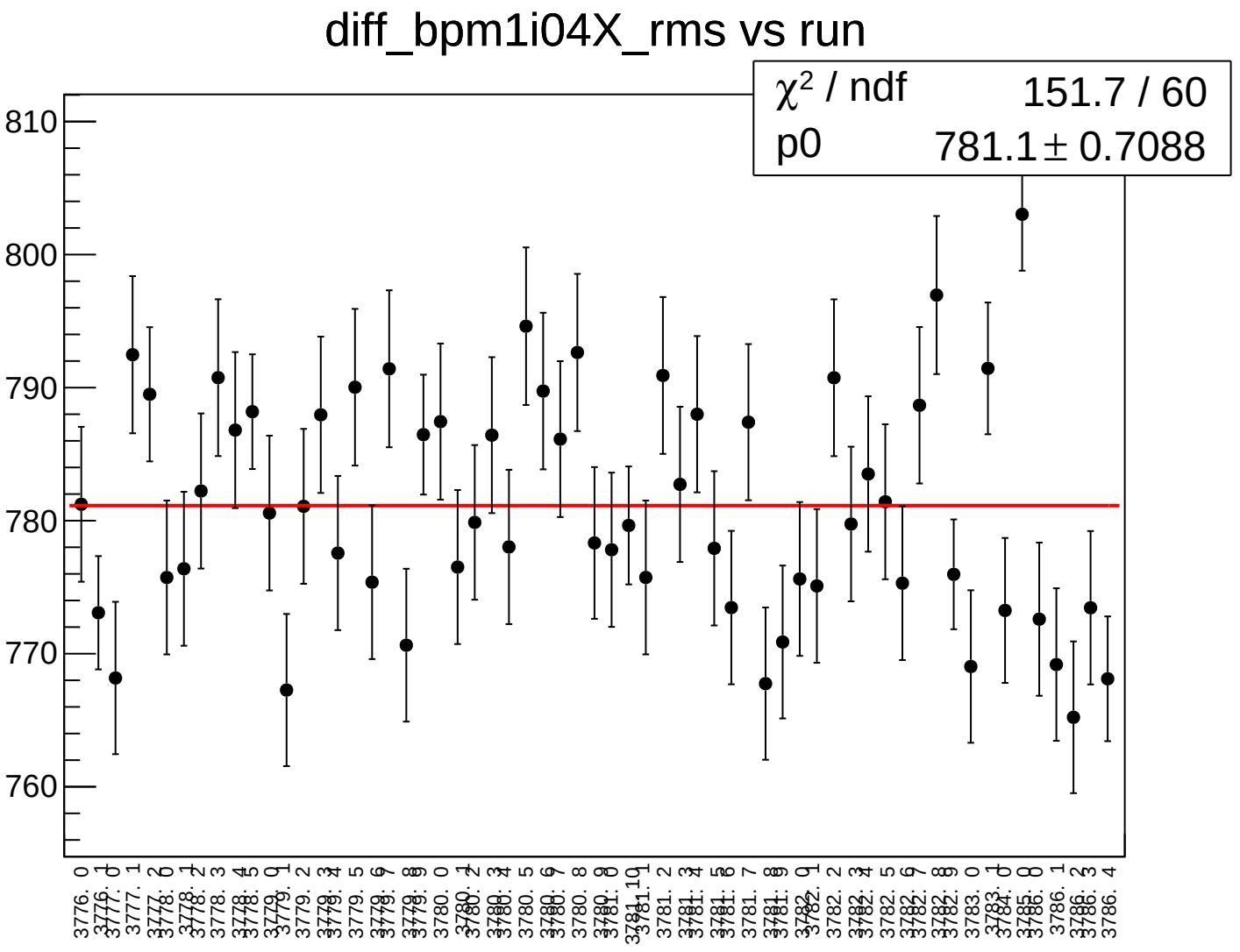

diff_bpm2i02Y_mean vs run
χ^2 / ndf 103.9 / 60
p0 63.98 ± 1.387
pull
Entries 61
Mean 1515
Std Dev 1491

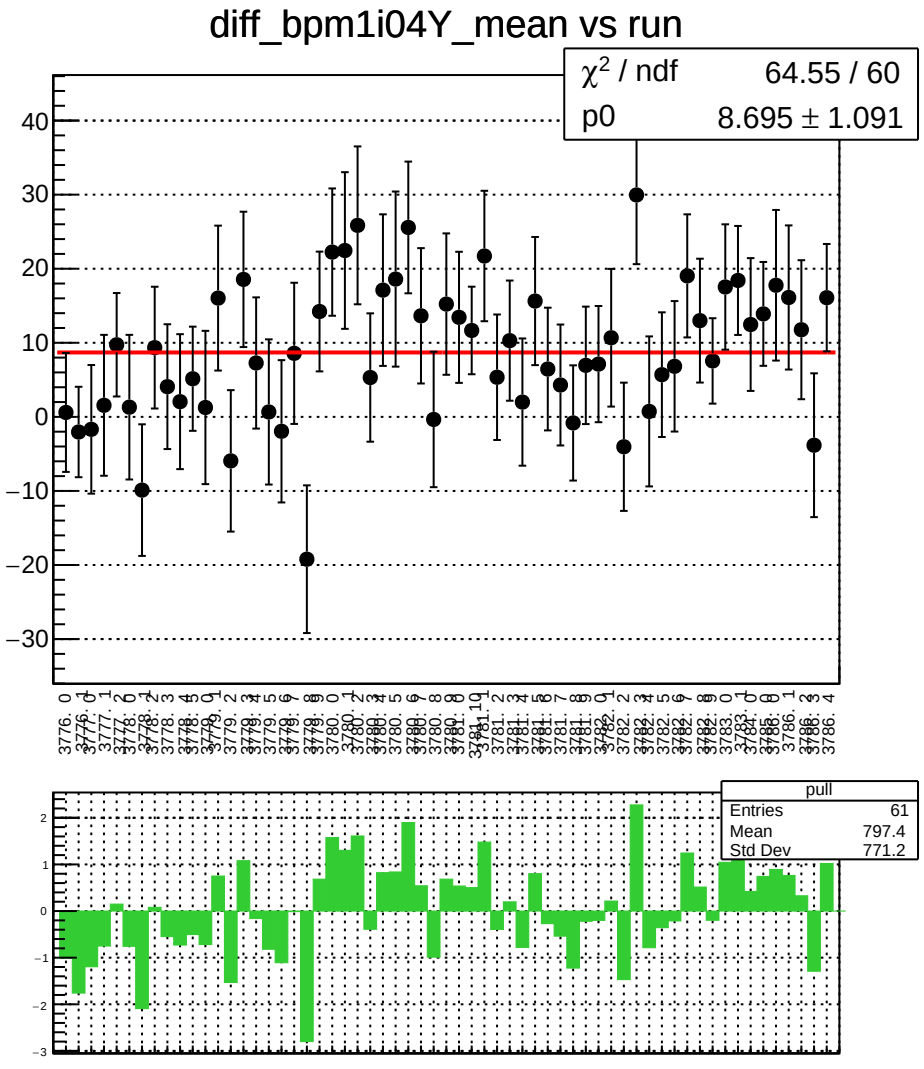

pull1D
Entries 61
Mean 0.006186
Std Dev 1.305

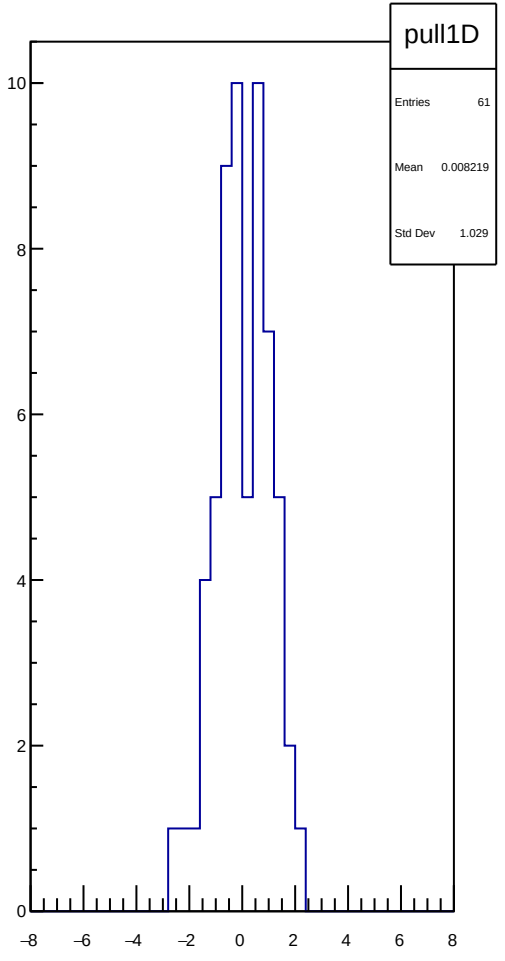

diff_bpm2i02Y_rms vs run
χ² / ndf 579.7 / 60
p0 1081 ± 0.9807
1160
1140
1120
1100
1080
1060
1040
1020
1000
980

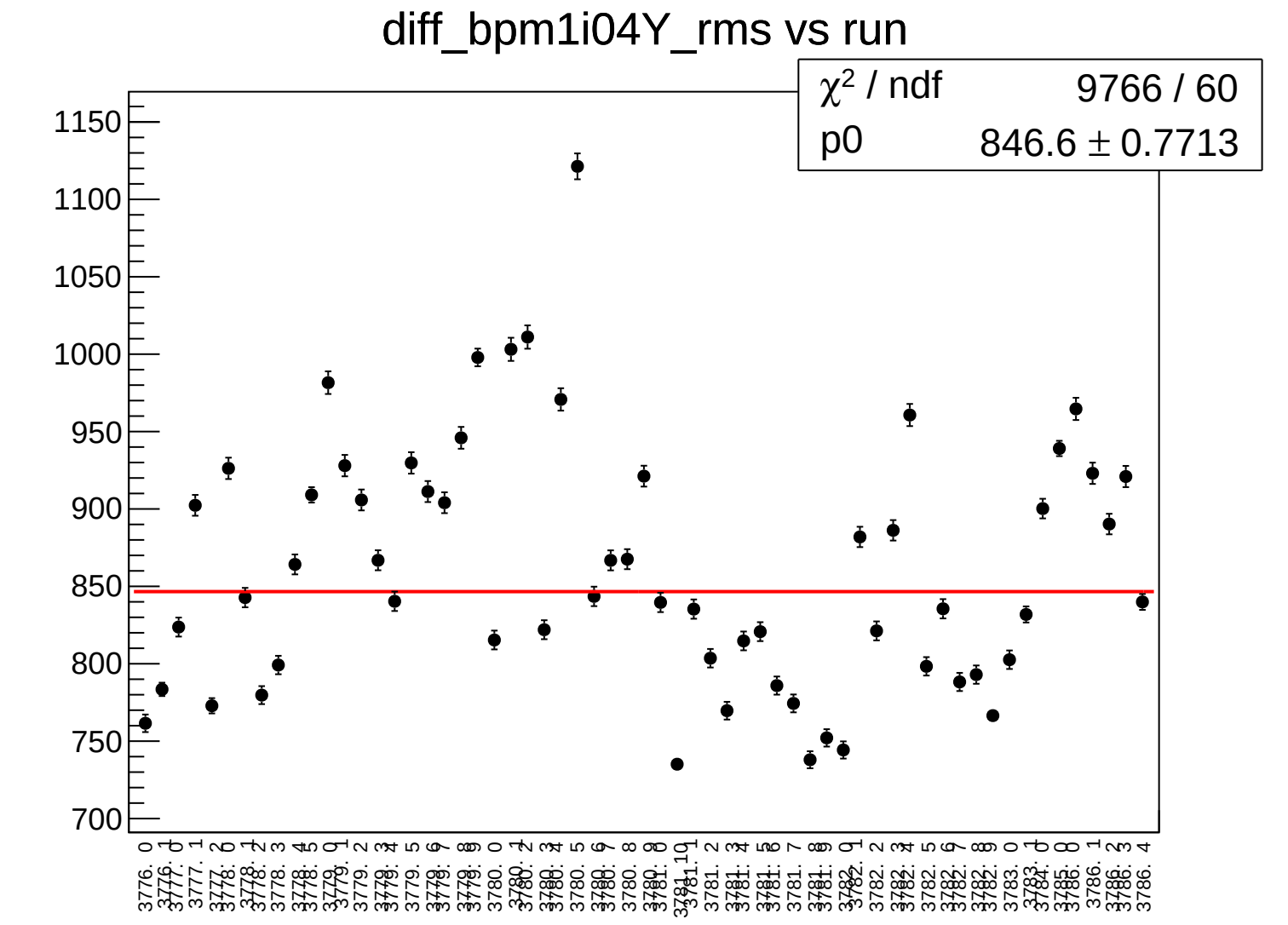

diff_bpm1i04X_mean vs run
χ² / ndf 174.3 / 60
p0 44.43 ± 1.002
pull
Entries 61
Mean 288
Std Dev 265.1

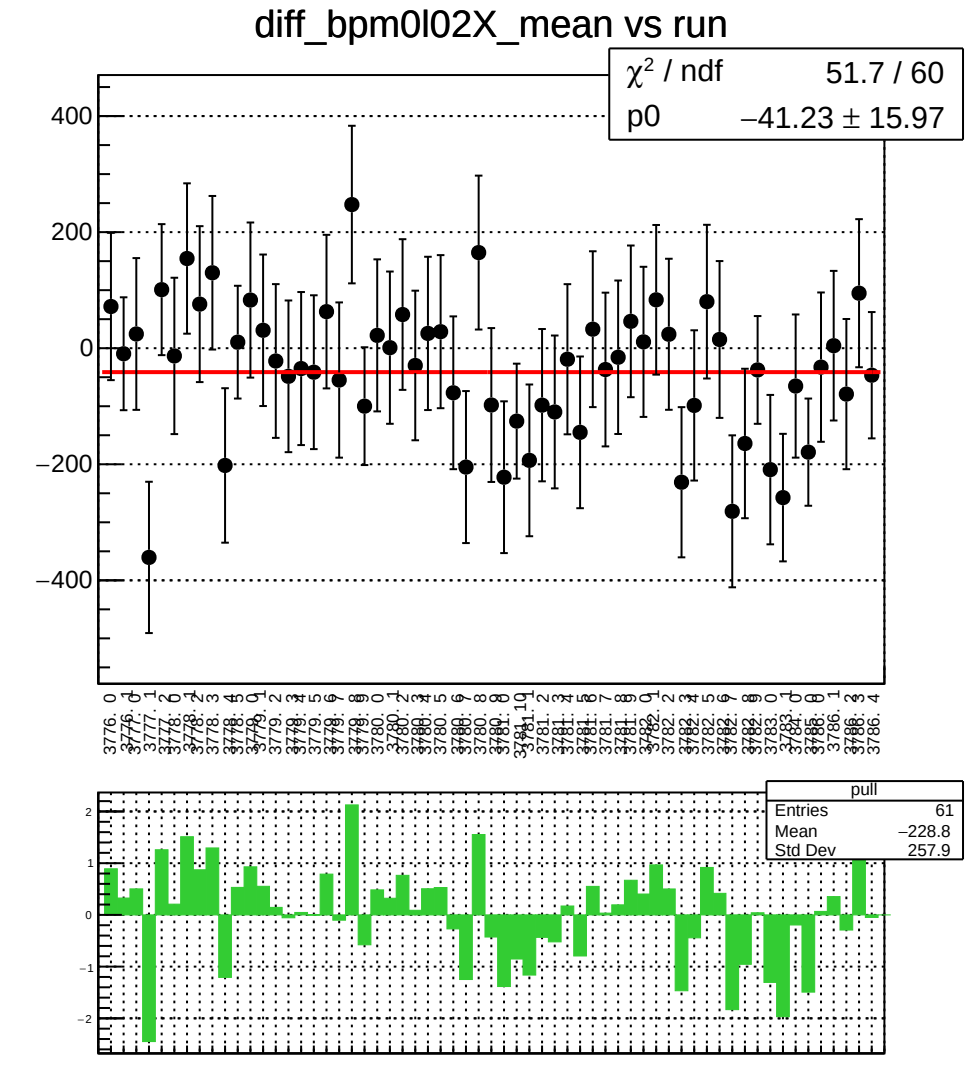

pull1D
Entries 61
Mean 0.1954
Std Dev 1.229

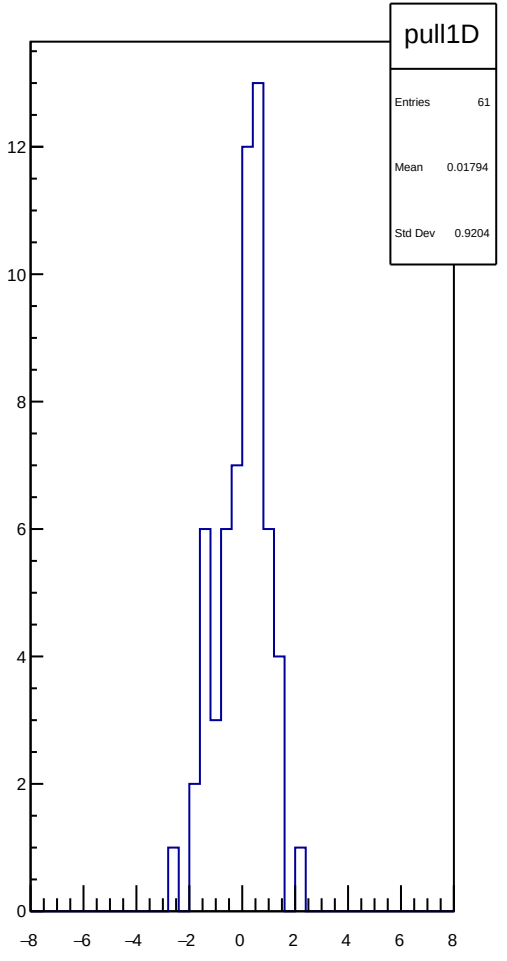

diff_bpm1i04X_rms vs run
χ² / ndf 151.7 / 60
p0 781.1 ± 0.7088
810
800
790
780
770
760

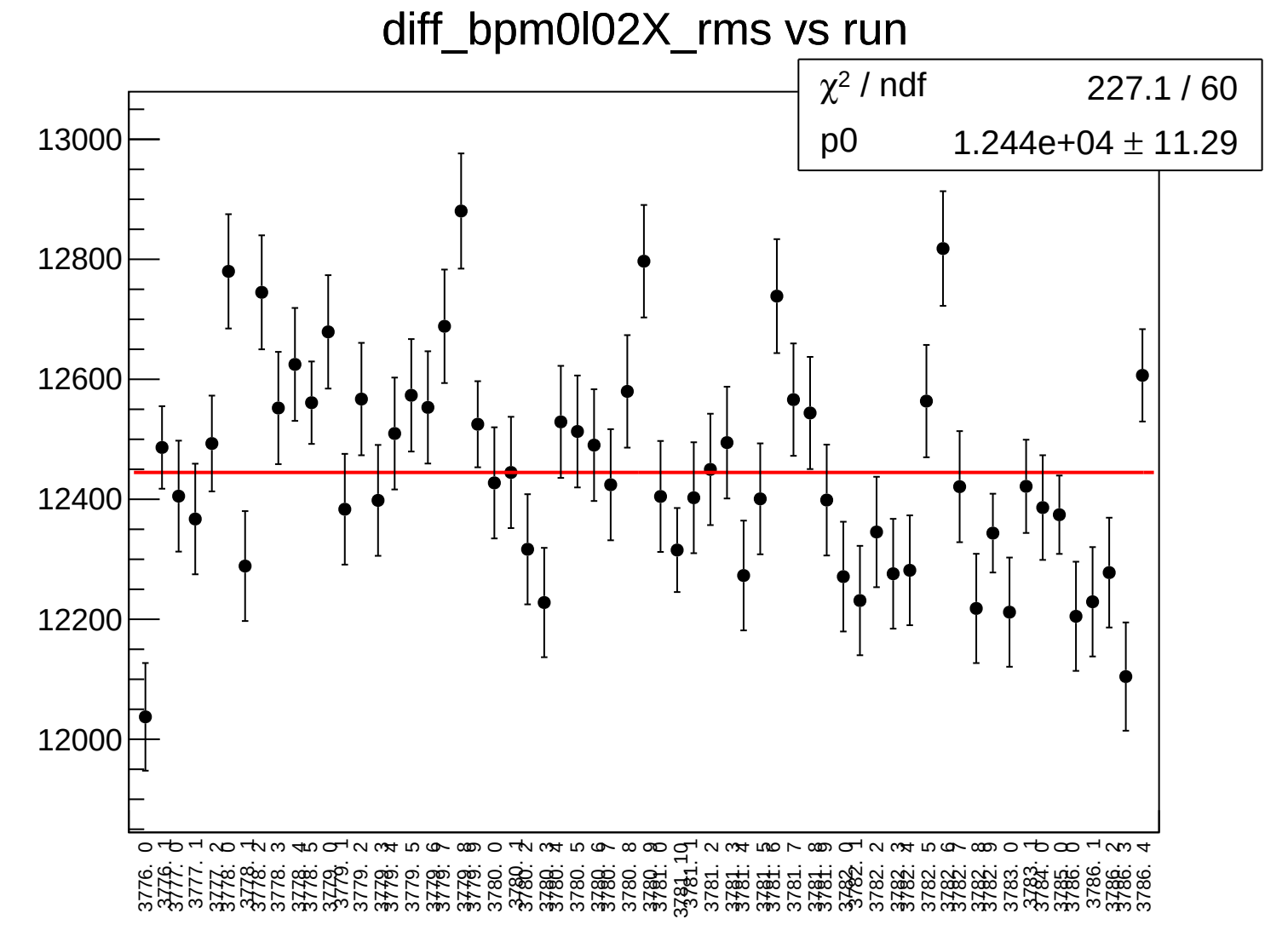

diff_bpm1i04Y_mean vs run
χ² / ndf 64.55 / 60
p0 8.695 ± 1.091
pull
Entries 61
Mean 797.4
Std Dev 771.2

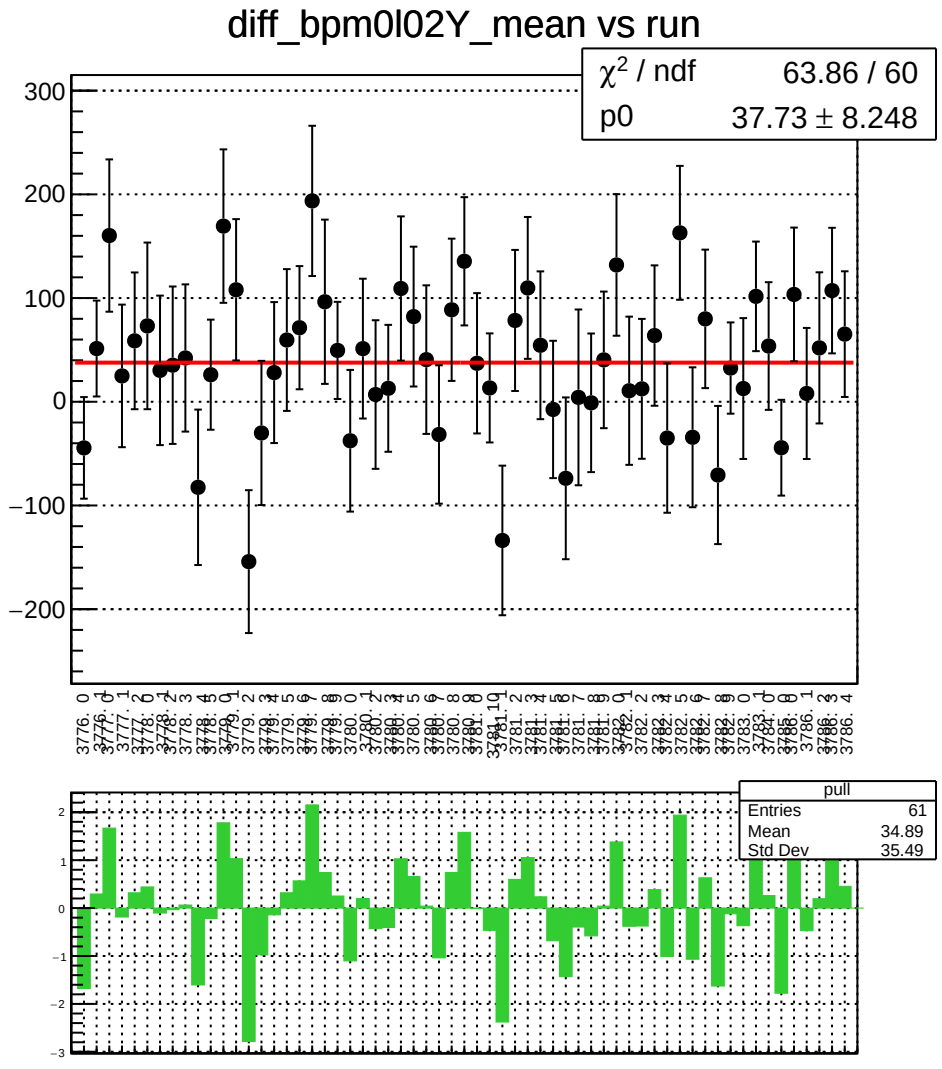

pull1D
Entries 61
Mean 0.008219
Std Dev 1.029

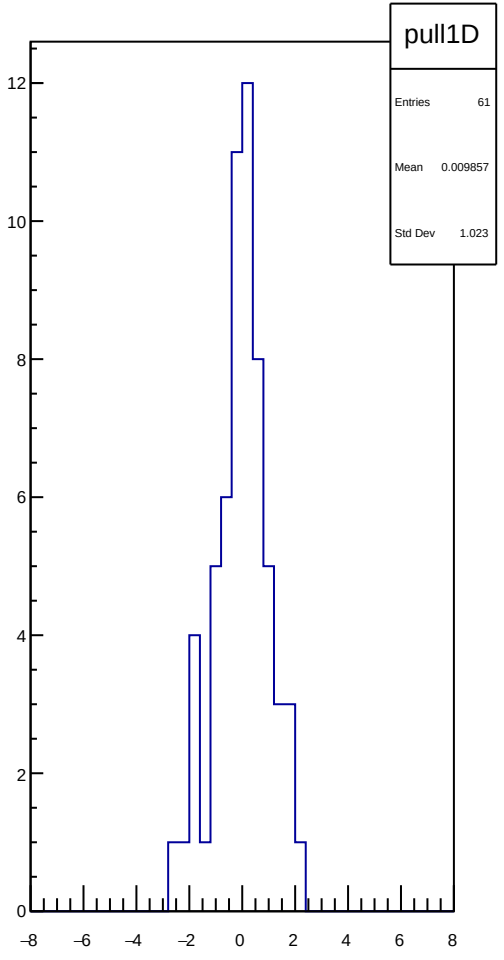

diff_bpm1i04Y_rms vs run
χ² / ndf 9766 / 60
p0 846.6 ± 0.7713
1150
1100
1050
1000
950
900
850
800
750
700

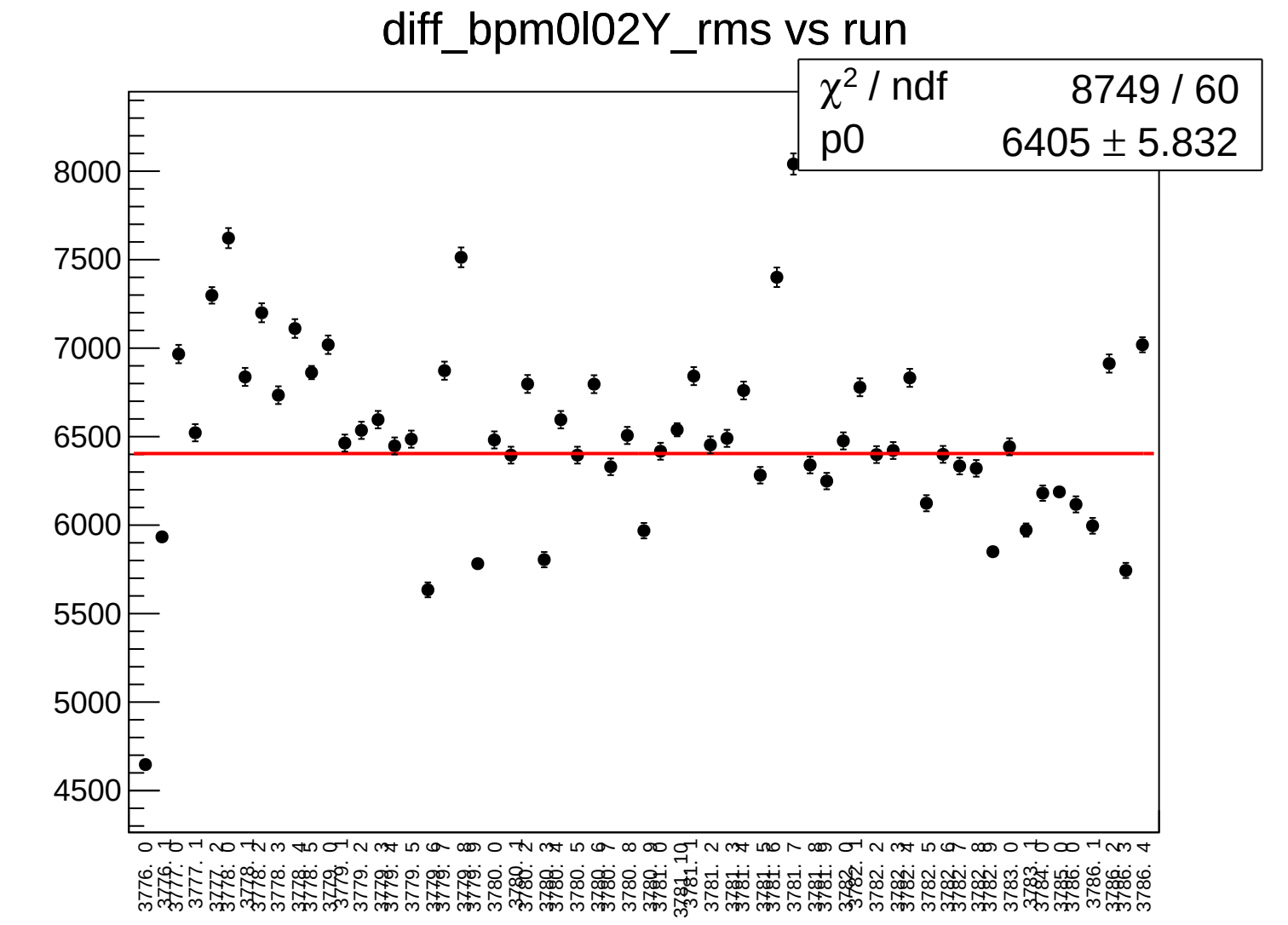

diff_bpm0l02X_mean vs run
χ² / ndf 51.7 / 60
p0 −41.23 ± 15.97
400
200
0
−200
−400
pull
Entries 61
Mean −228.8
Std Dev 257.9
2
1
0
−1
−2

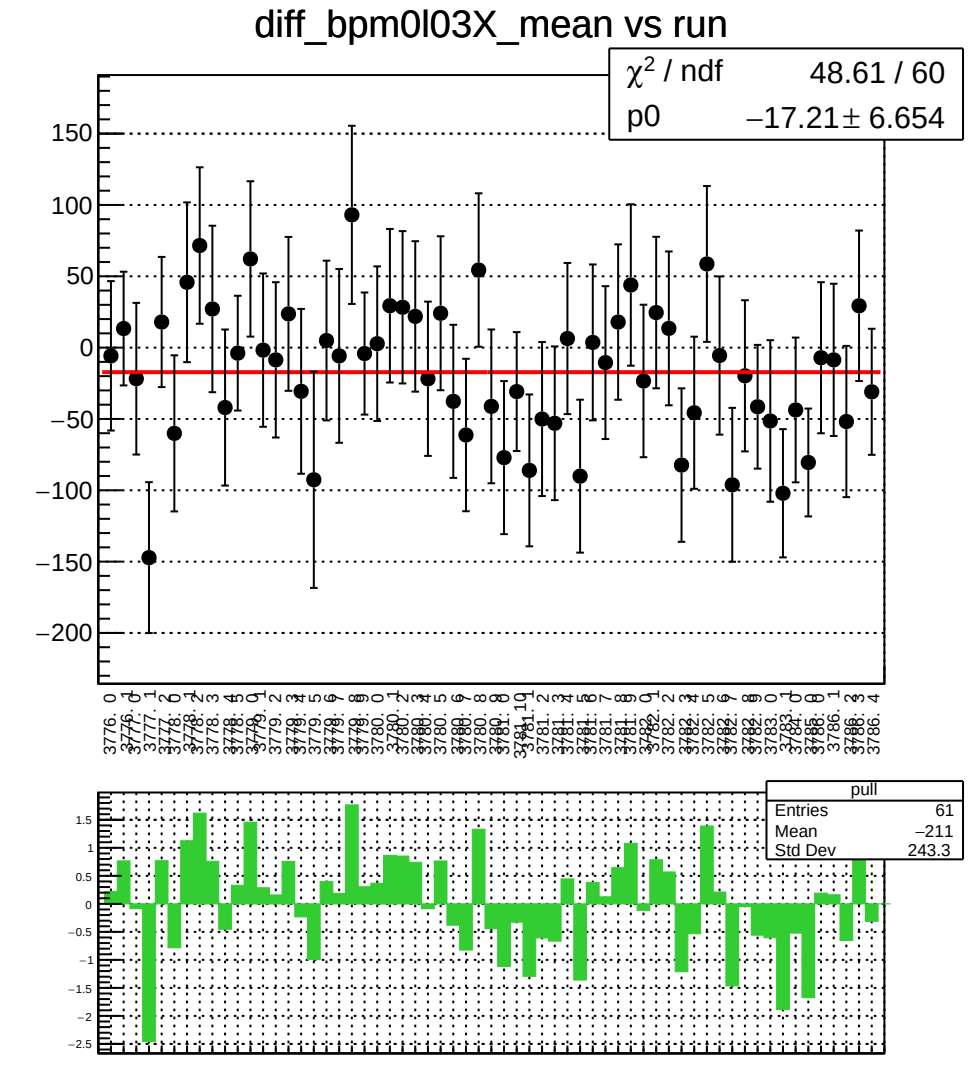

pull1D
Entries 61
Mean 0.01794
Std Dev 0.9204
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

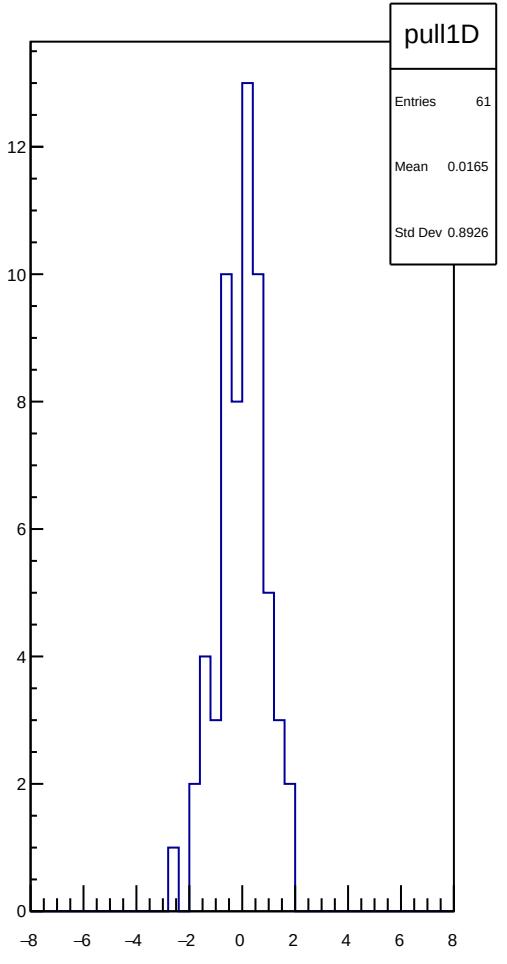

diff_bpm0l02X_rms vs run
χ² / ndf 227.1 / 60
p0 1.244e+04 ± 11.29
13000
12800
12600
12400
12200
12000

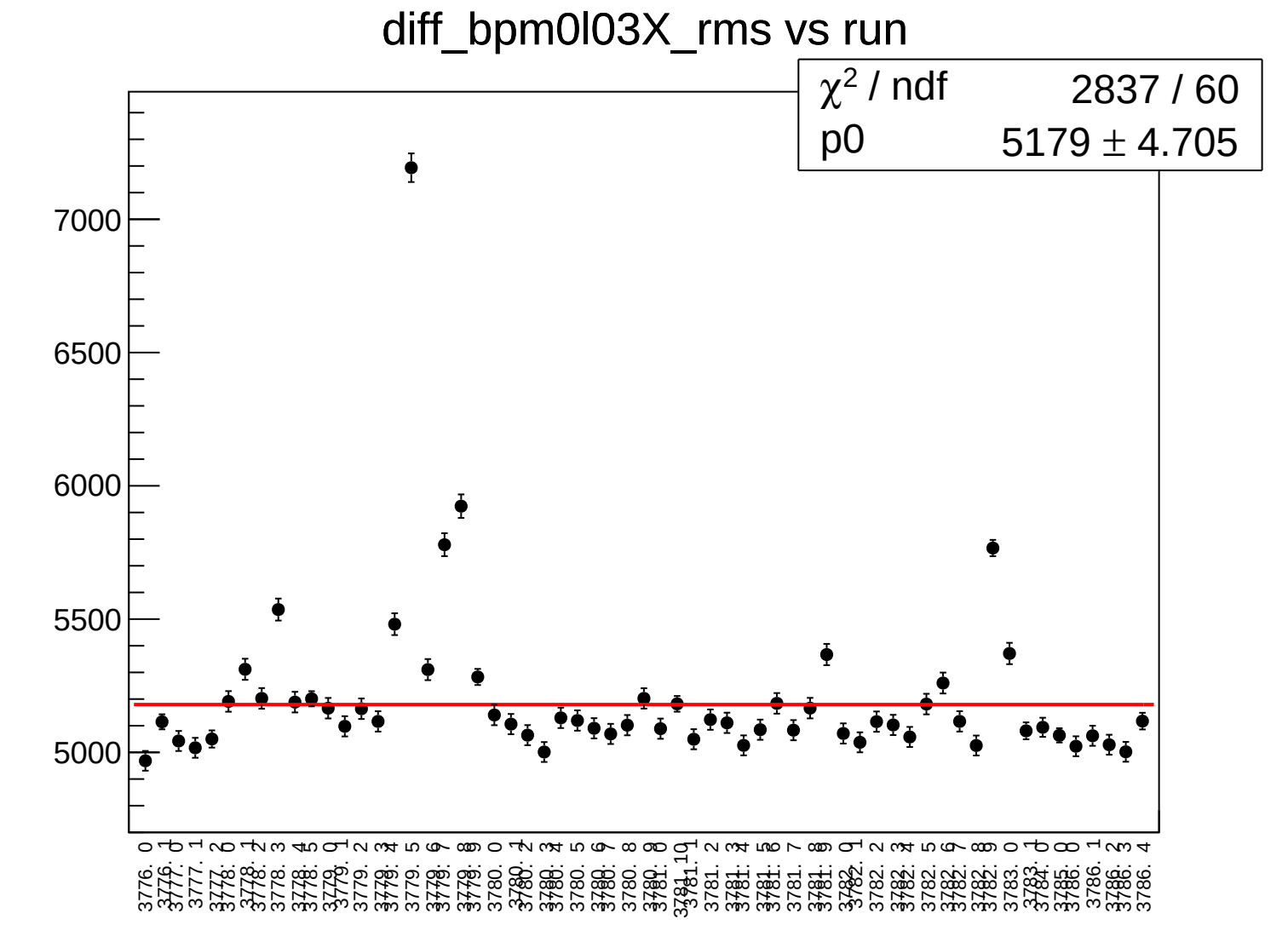

diff_bpm0l02Y_mean vs run
χ² / ndf 63.86 / 60
p0 37.73 ± 8.248
pull
Entries 61
Mean 34.89
Std Dev 35.49

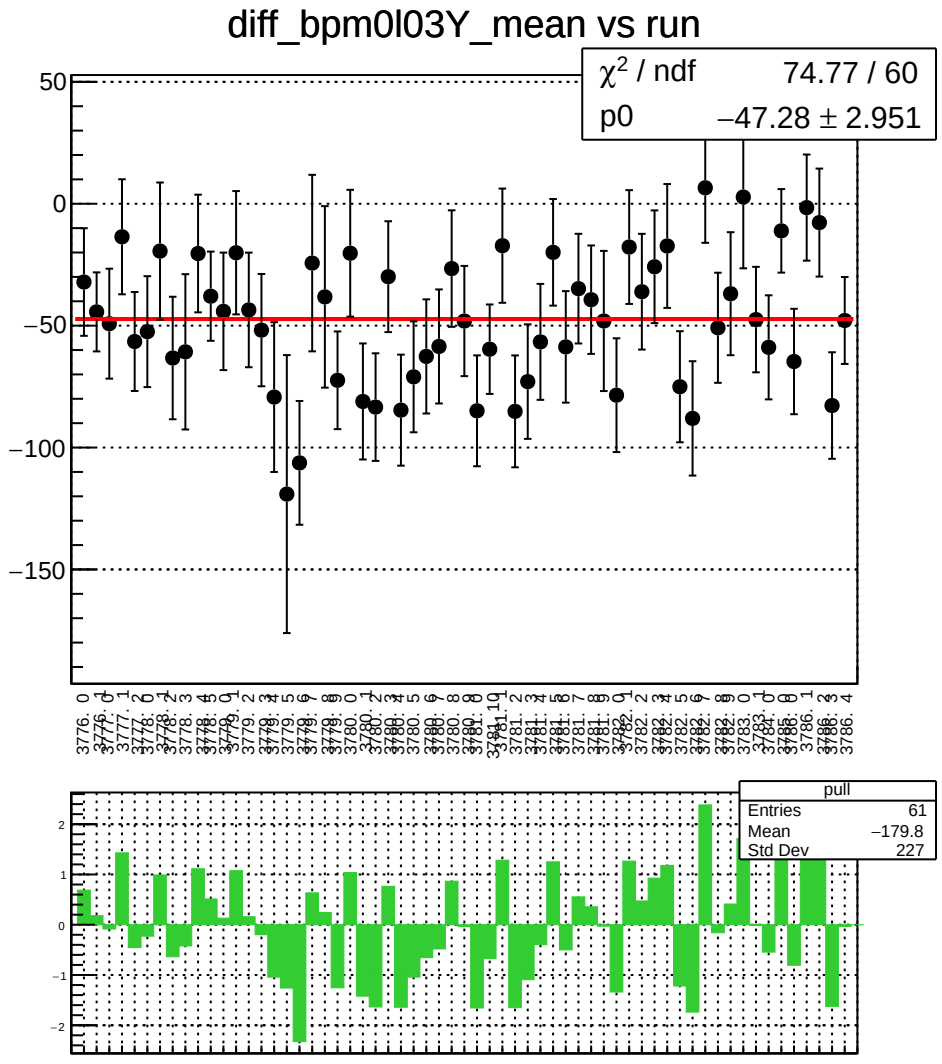

pull1D
Entries 61
Mean 0.009857
Std Dev 1.023

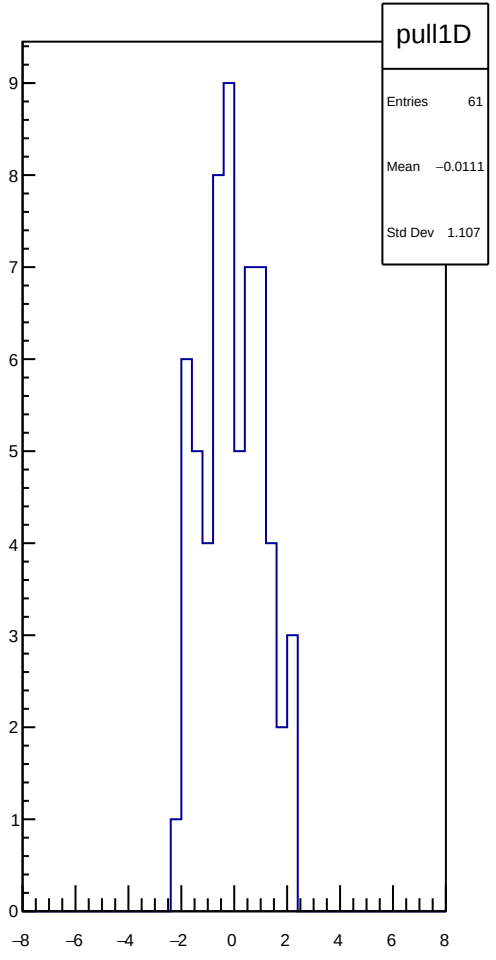

diff_bpm0l02Y_rms vs run
χ² / ndf 8749 / 60
p0 6405 ± 5.832
8000
7500
7000
6500
6000
5500
5000
4500

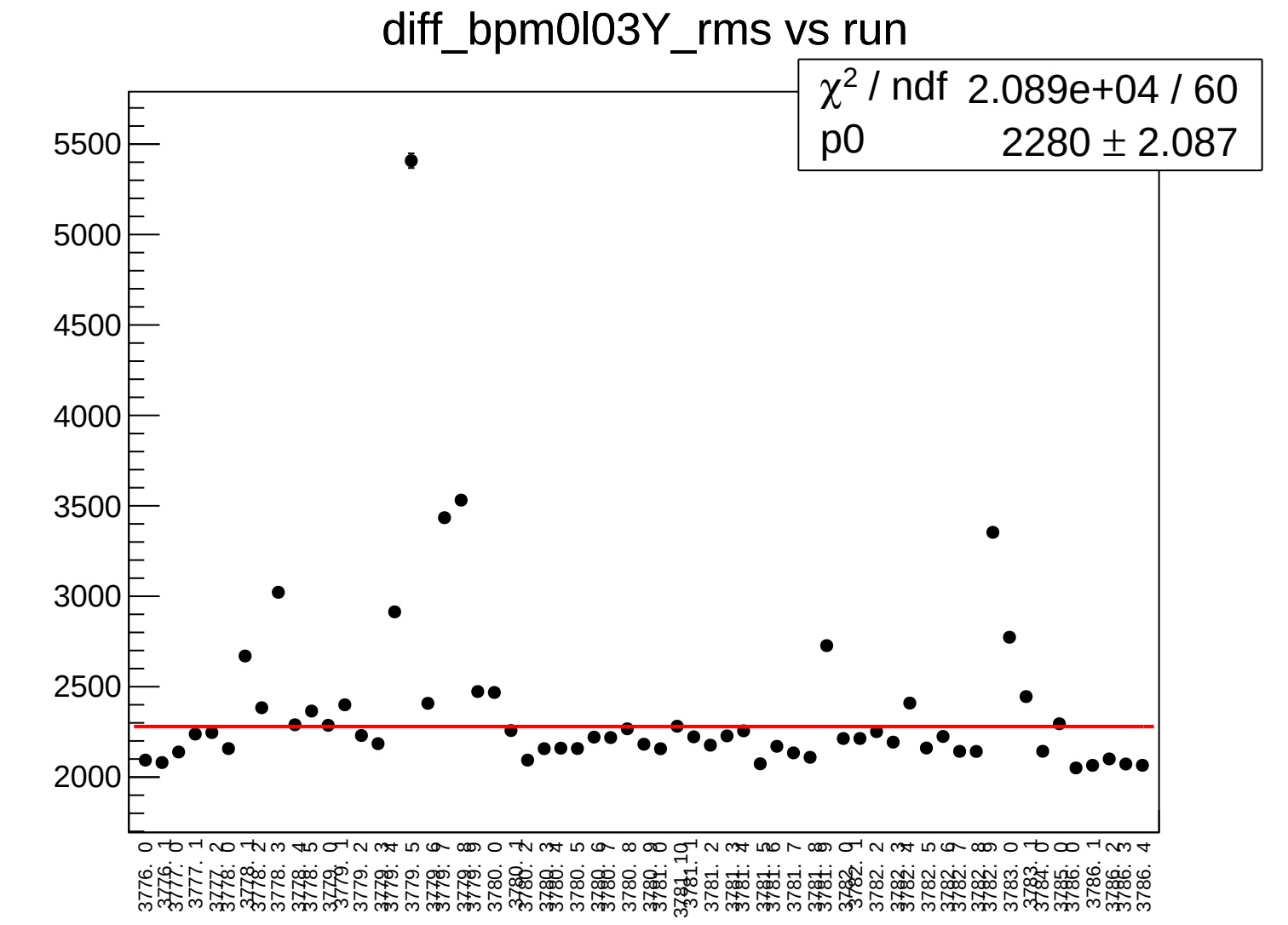

diff_bpm0l03X_mean vs run
χ² / ndf 48.61 / 60
p0 −17.21± 6.654
pull
Entries 61
Mean −211
Std Dev 243.3

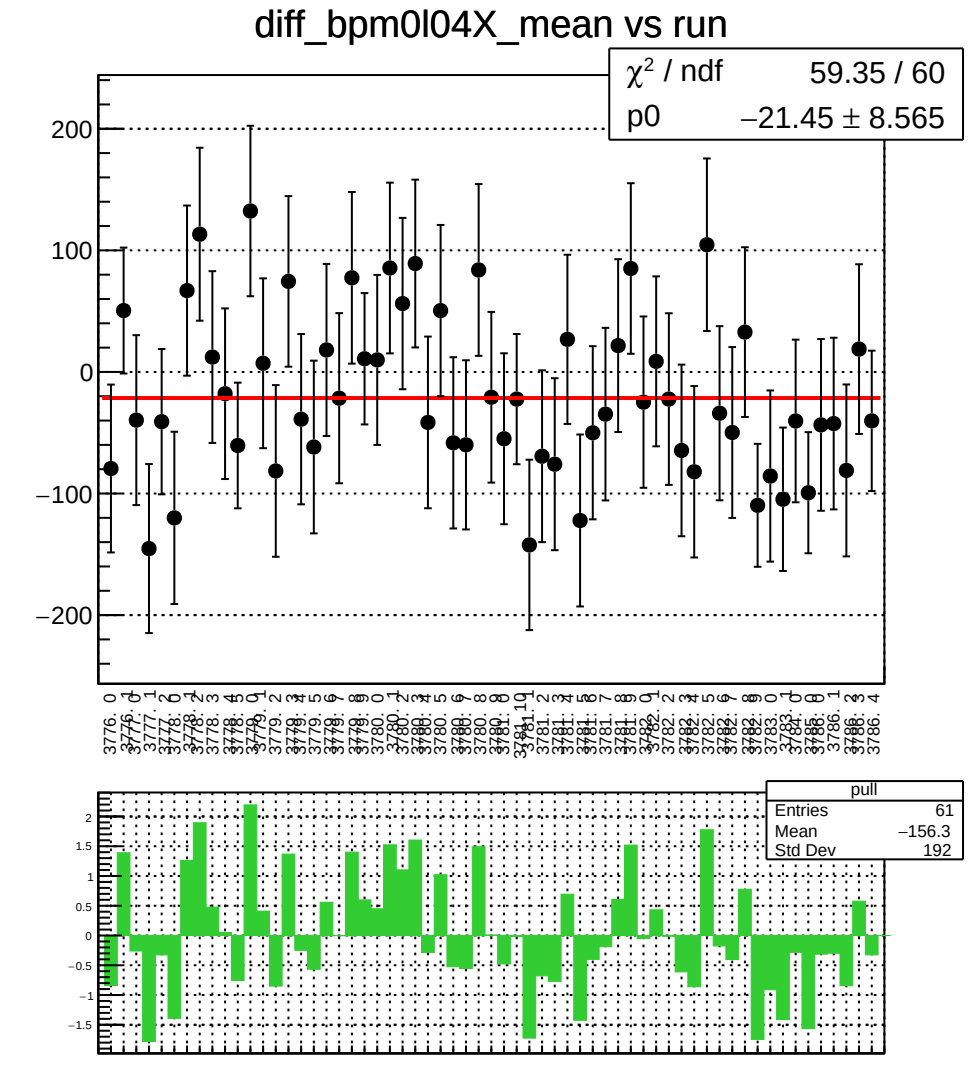

pull1D
Entries 61
Mean 0.0165
Std Dev 0.8926

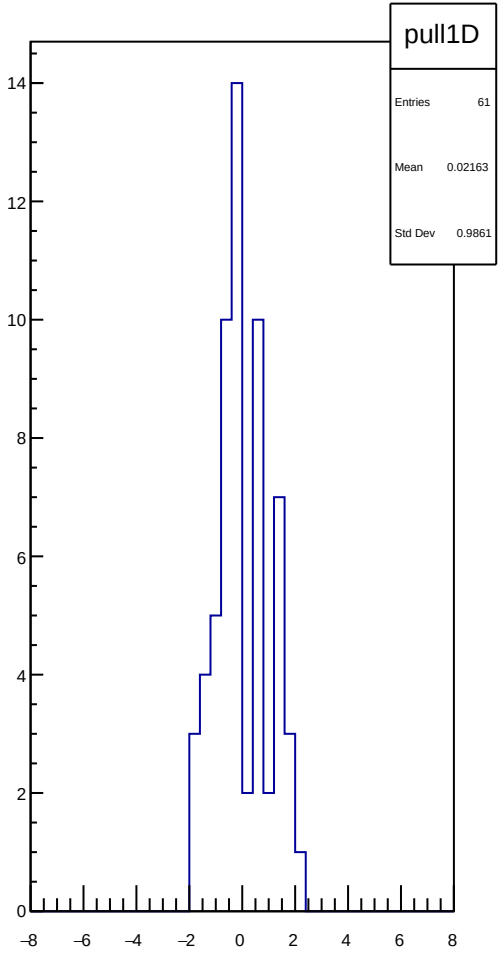

diff_bpm0l03X_rms vs run
χ² / ndf 2837 / 60
p0 5179 ± 4.705
7000
6500
6000
5500
5000

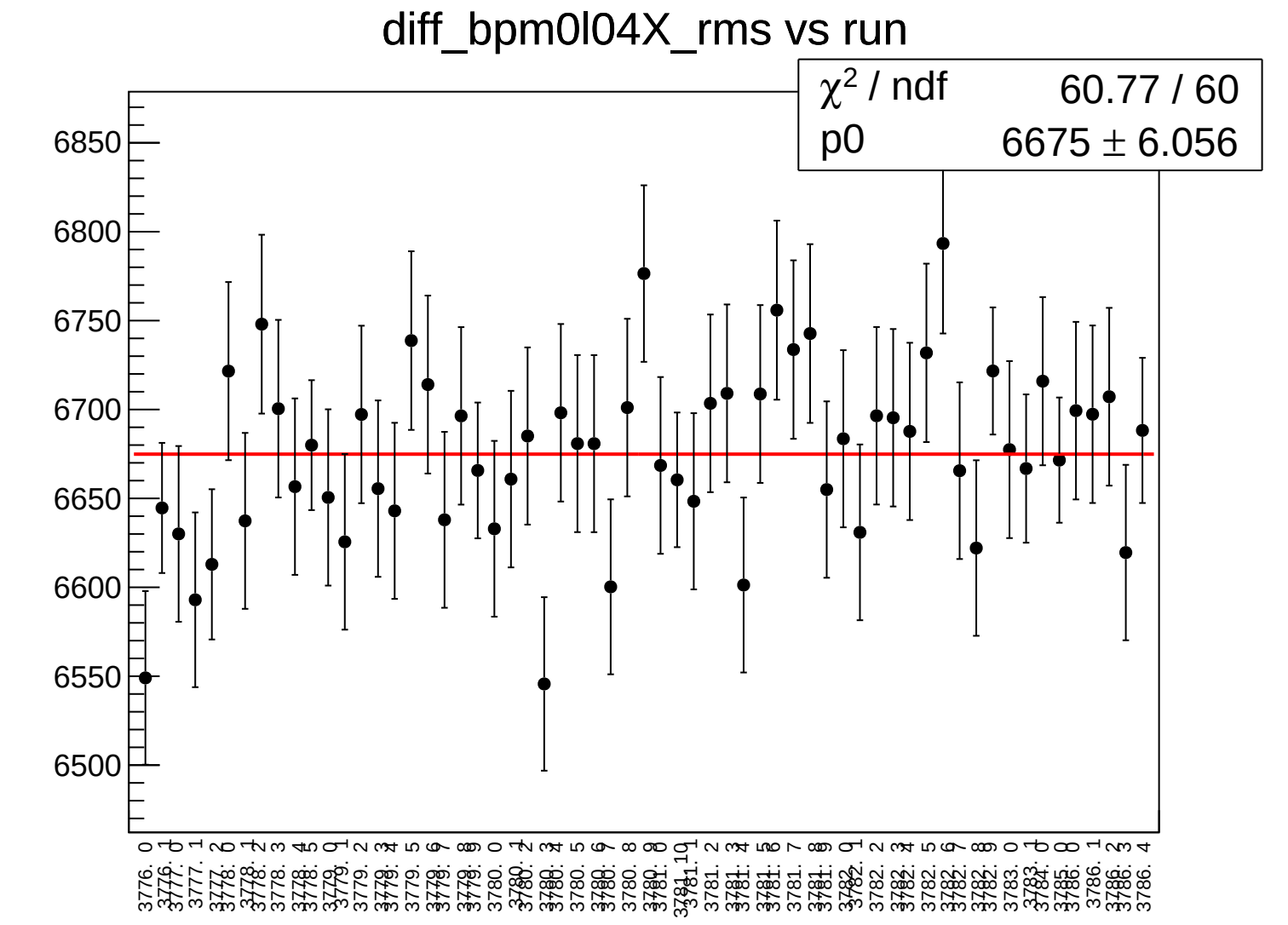

diff_bpm0l03Y_mean vs run
χ² / ndf 74.77 / 60
p0 −47.28 ± 2.951
pull
Entries 61
Mean −179.8
Std Dev 227

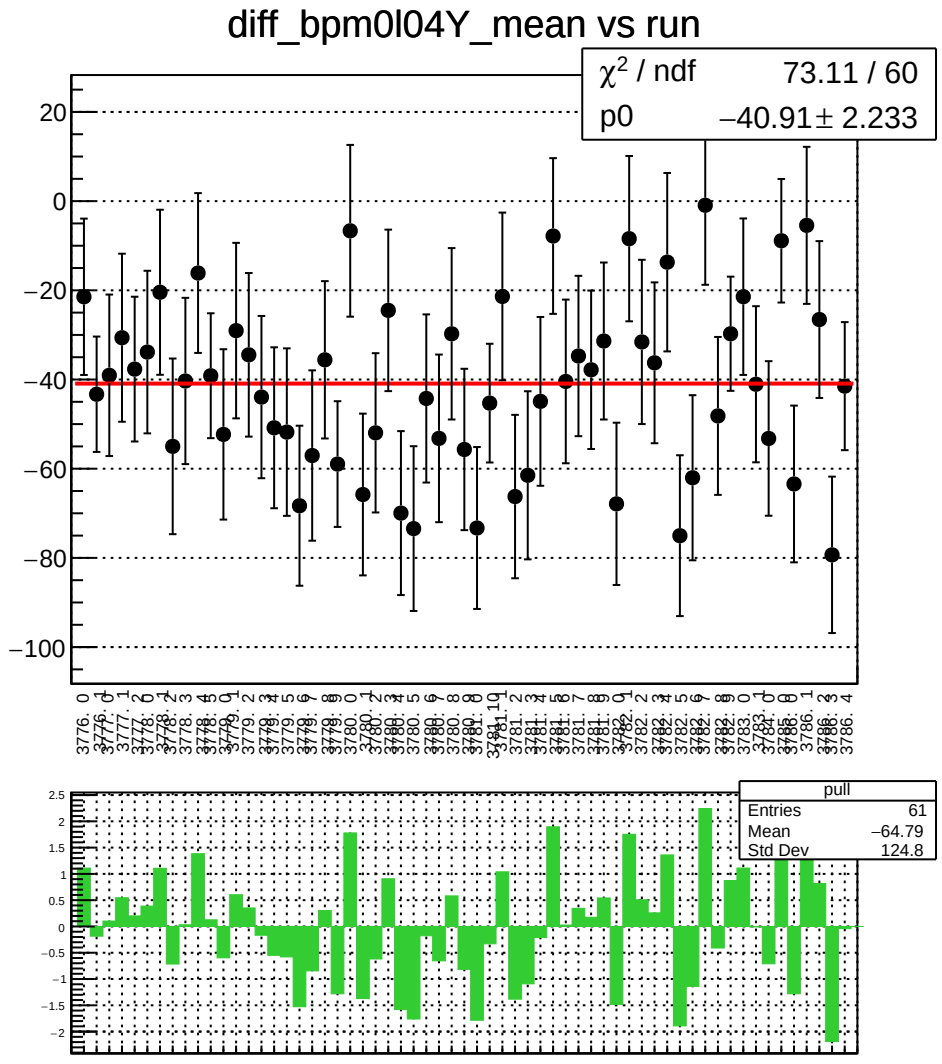

pull1D
Entries 61
Mean −0.0111
Std Dev 1.107

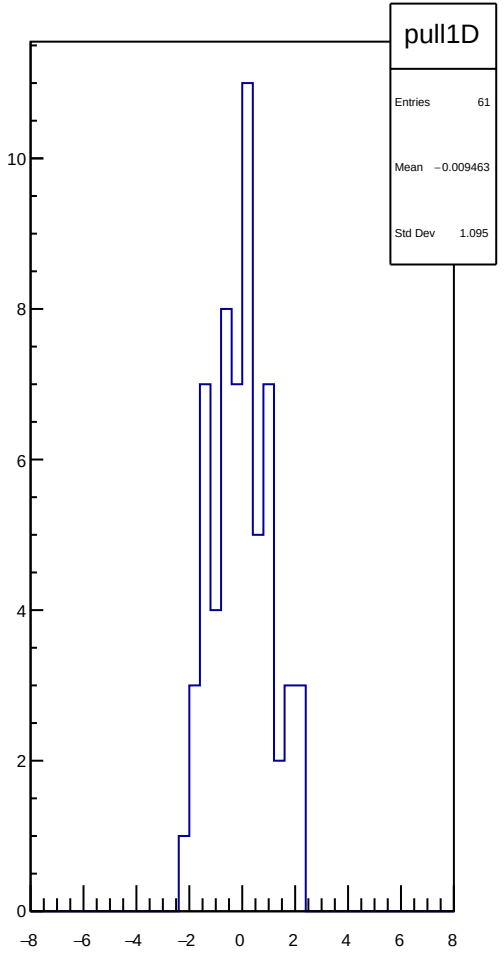

diff_bpm0l03Y_rms vs run
χ² / ndf 2.089e+04 / 60
p0 2280 ± 2.087
5500
5000
4500
4000
3500
3000
2500
2000

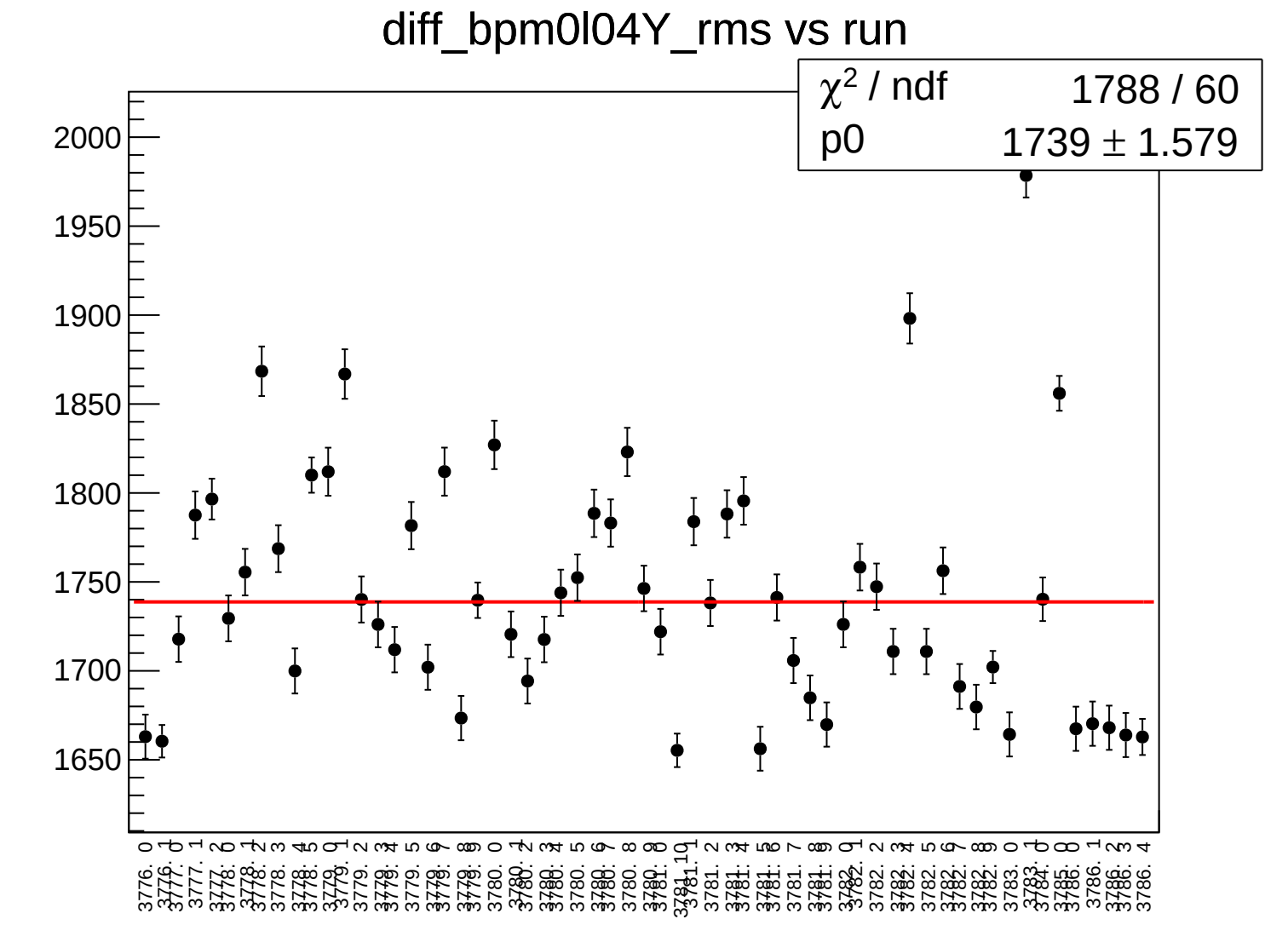

diff_bpm0l04X_mean vs run
χ² / ndf 59.35 / 60
p0 −21.45 ± 8.565
pull
Entries 61
Mean −156.3
Std Dev 192

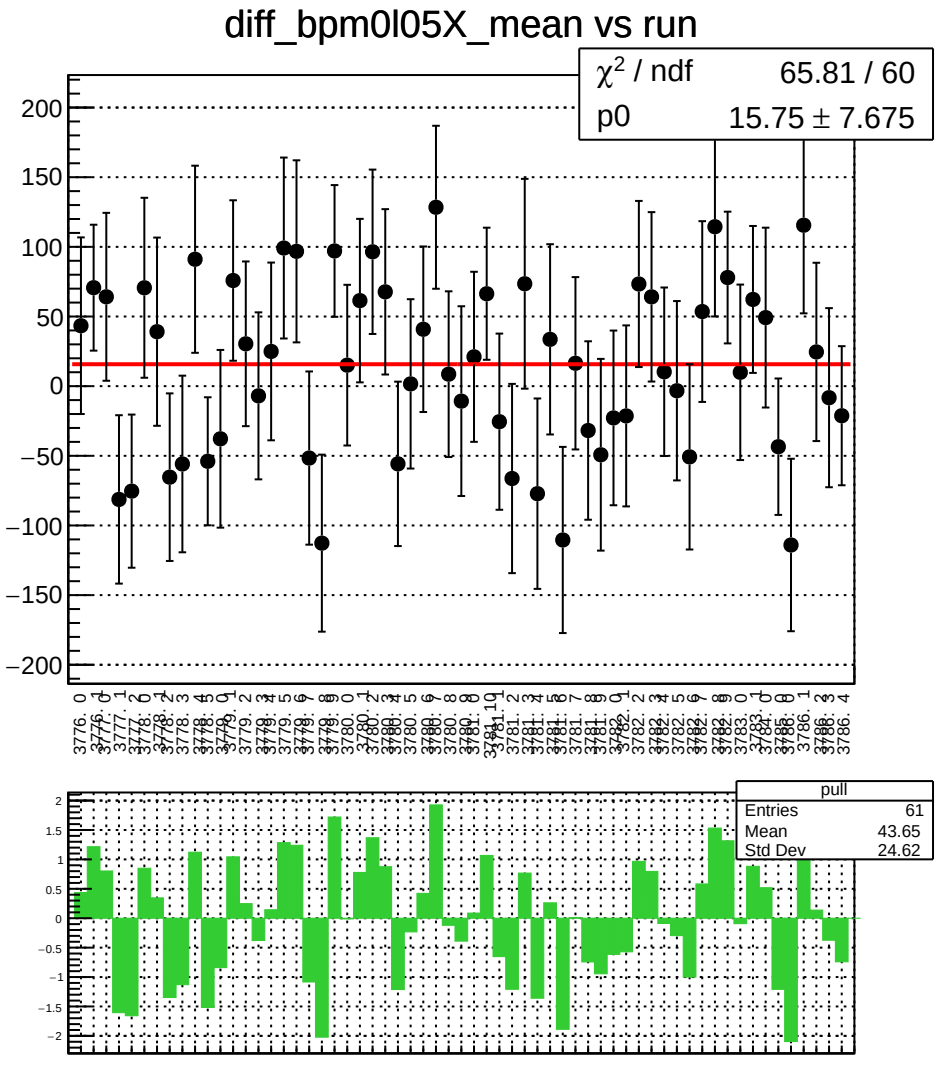

pull1D
Entries 61
Mean 0.02163
Std Dev 0.9861

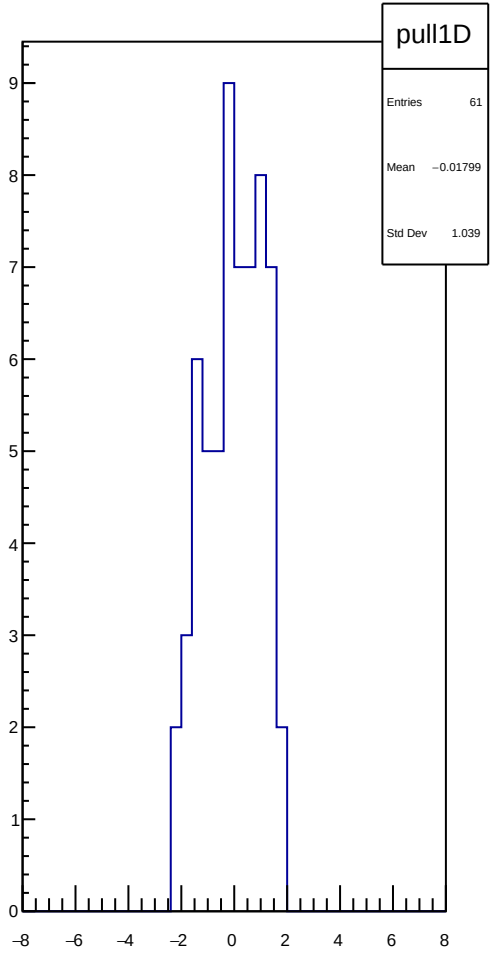

diff_bpm0l04X_rms vs run
χ² / ndf 60.77 / 60
p0 6675 ± 6.056
6850
6800
6750
6700
6650
6600
6550
6500

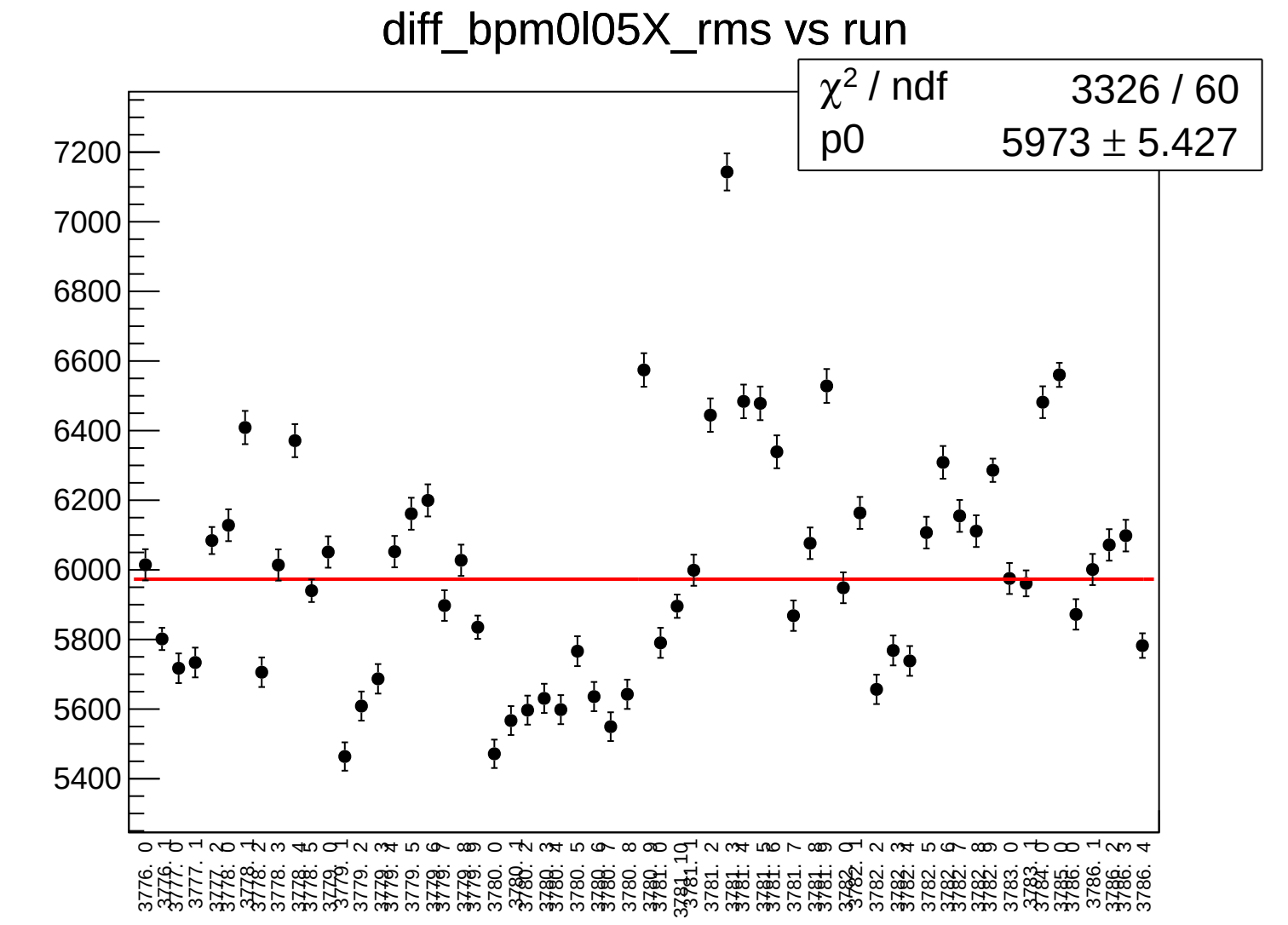

diff_bpm0l04Y_mean vs run
χ² / ndf 73.11 / 60
p0 −40.91 ± 2.233
pull
Entries 61
Mean −64.79
Std Dev 124.8

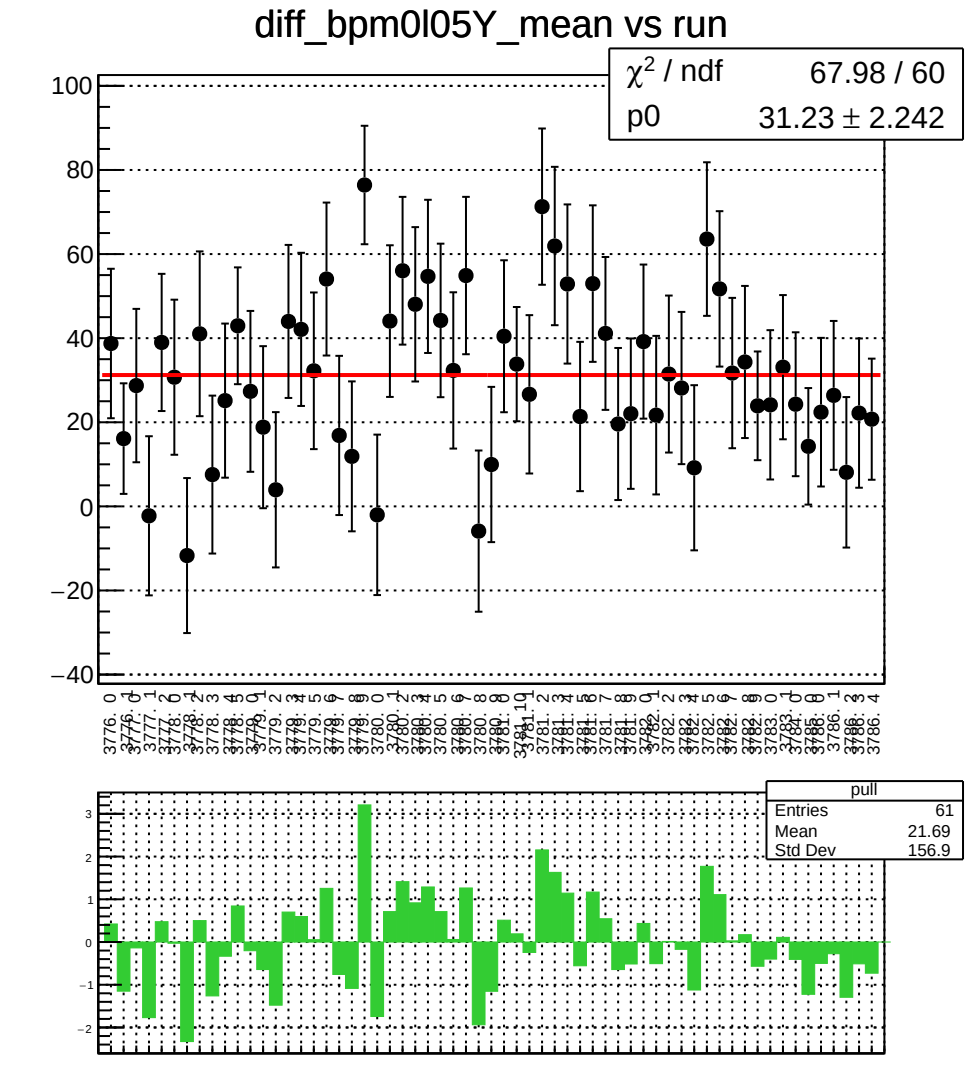

pull1D
Entries 61
Mean −0.009463
Std Dev 1.095

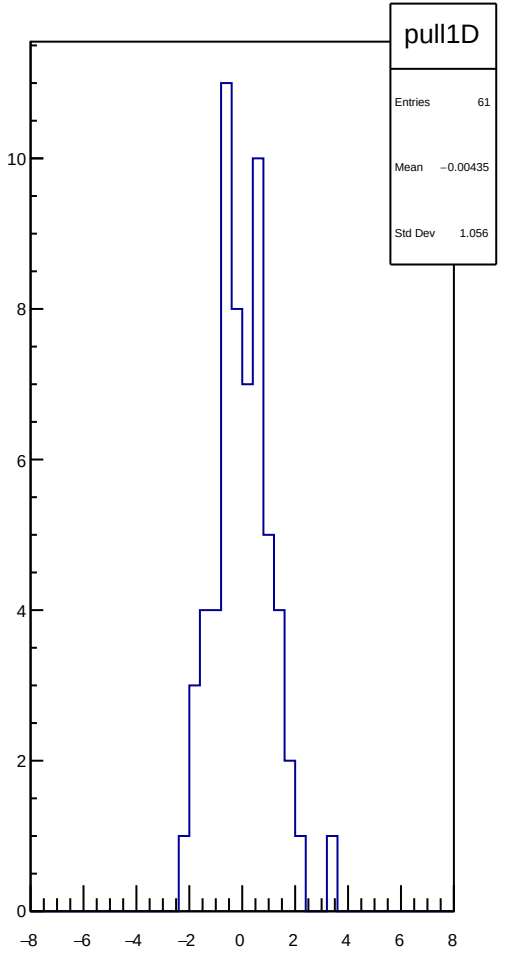

diff_bpm0l04Y_rms vs run
χ² / ndf 1788 / 60
p0 1739 ± 1.579
2000
1950
1900
1850
1800
1750
1700
1650

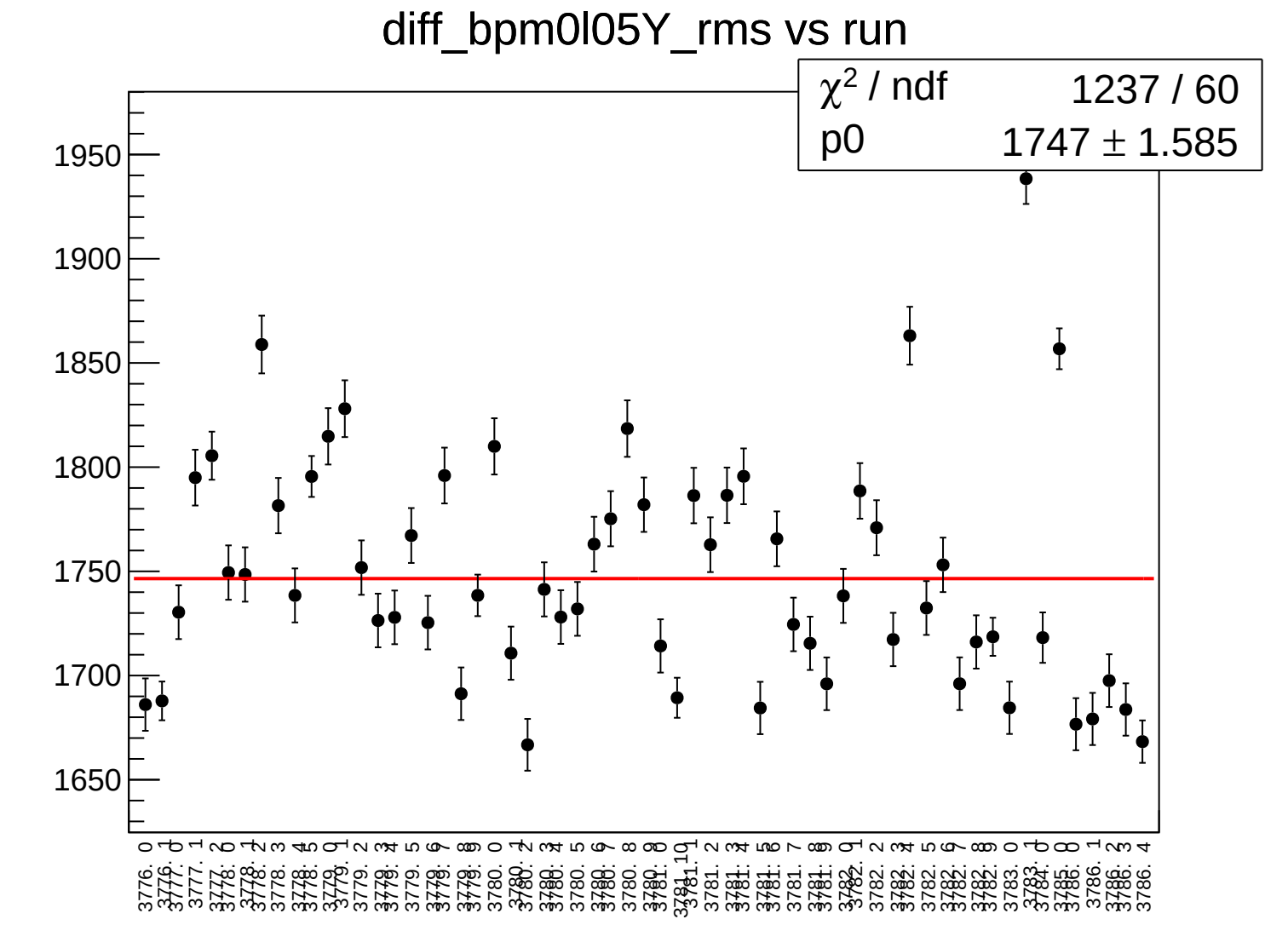

diff_bpm0l05X_mean vs run
χ² / ndf 65.81 / 60
p0 15.75 ± 7.675
pull
Entries 61
Mean 43.65
Std Dev 24.62

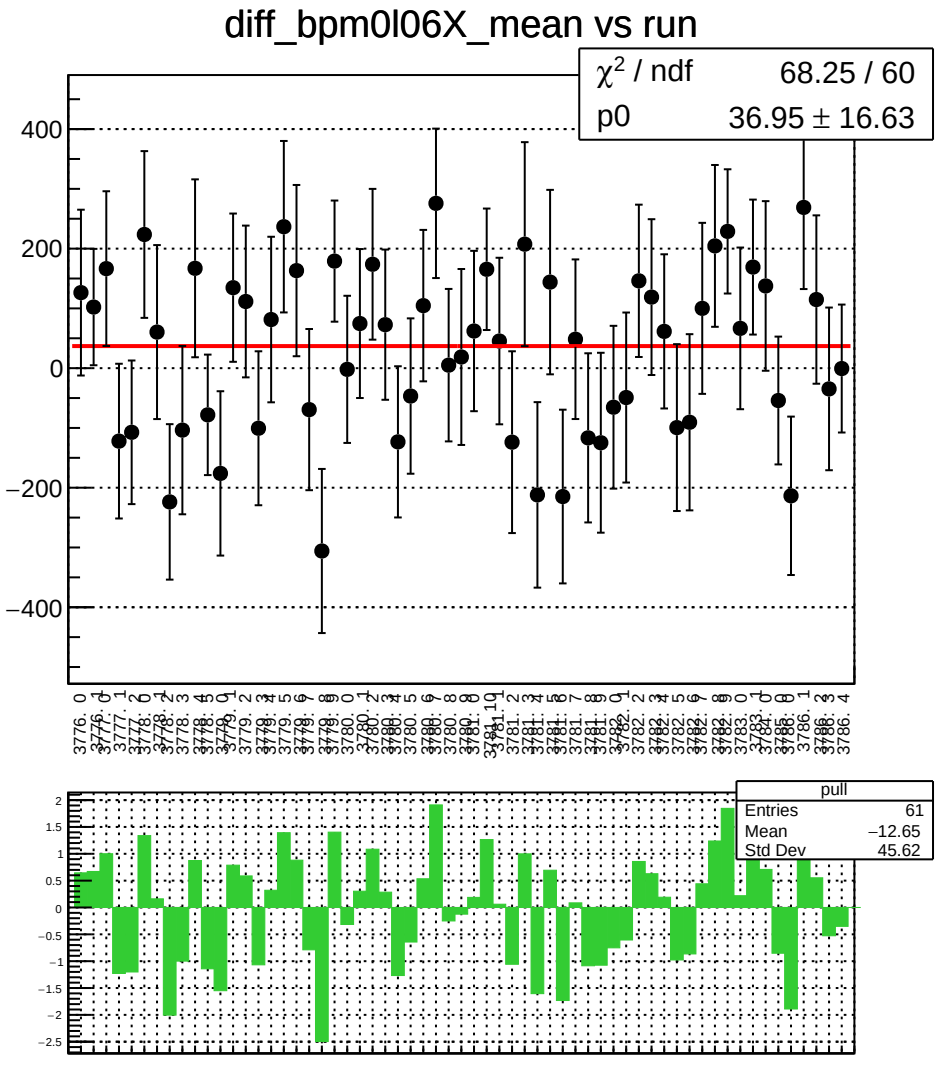

pull1D
Entries 61
Mean −0.01799
Std Dev 1.039

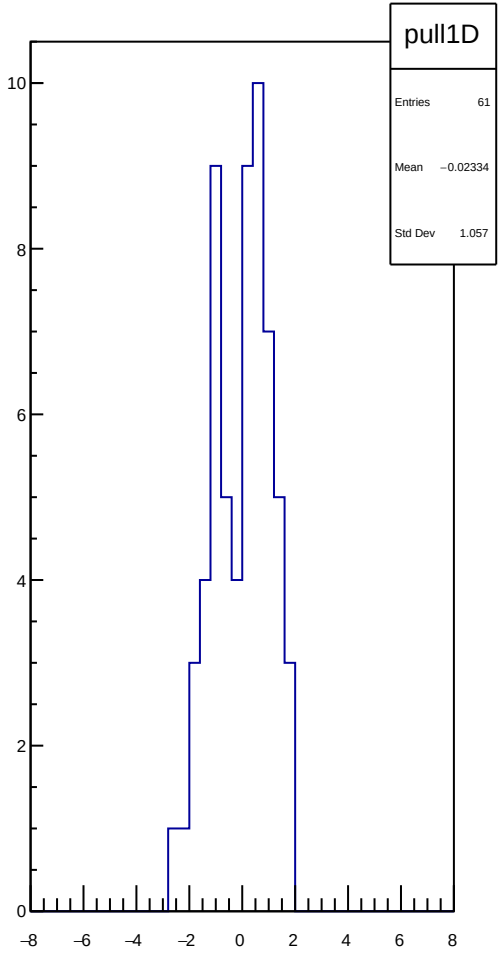

diff_bpm0l05X_rms vs run
χ^2 / ndf 3326 / 60
p0 5973 ± 5.427
7200
7000
6800
6600
6400
6200
6000
5800
5600
5400

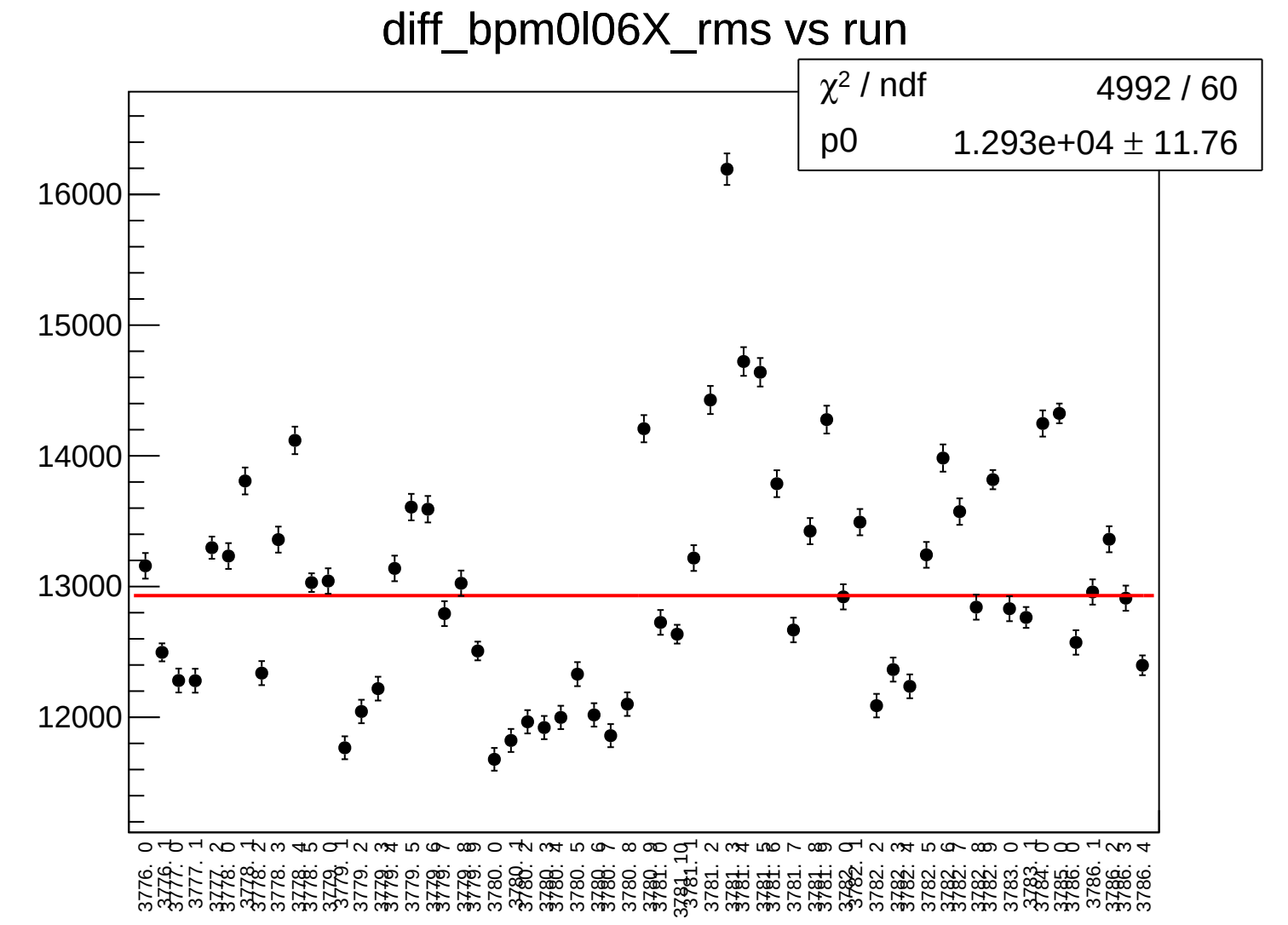

diff_bpm0l05Y_mean vs run
χ² / ndf 67.98 / 60
p0 31.23 ± 2.242
pull
Entries 61
Mean 21.69
Std Dev 156.9

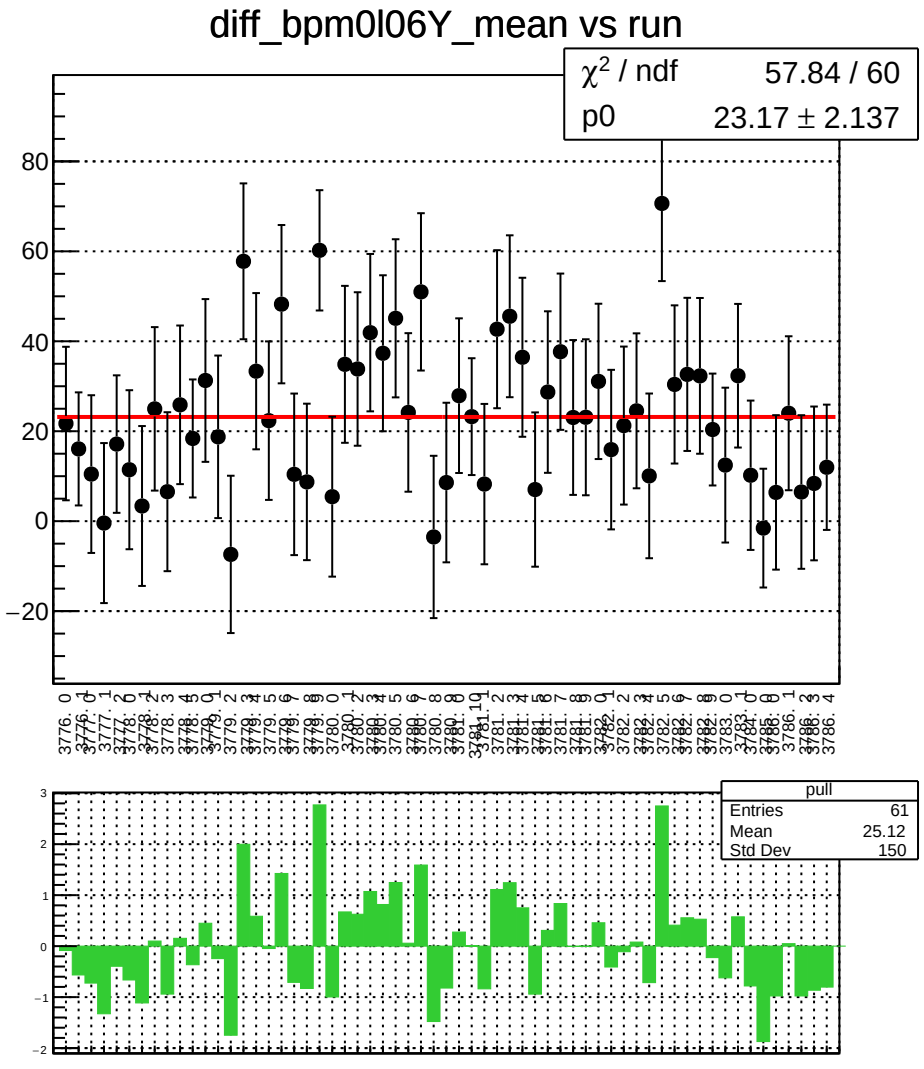

pull1D
Entries 61
Mean −0.00435
Std Dev 1.056

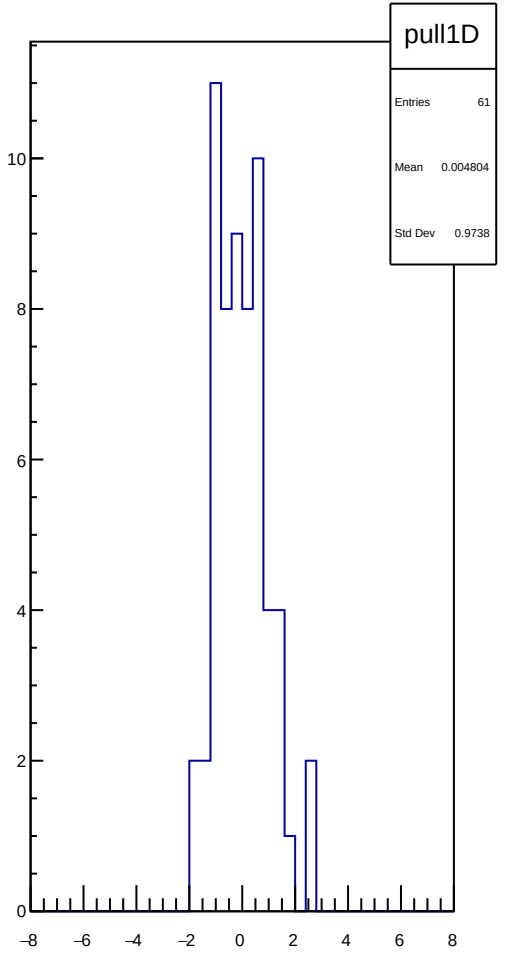

diff_bpm0l05Y_rms vs run
χ² / ndf 1237 / 60
p0 1747 ± 1.585
1950
1900
1850
1800
1750
1700
1650

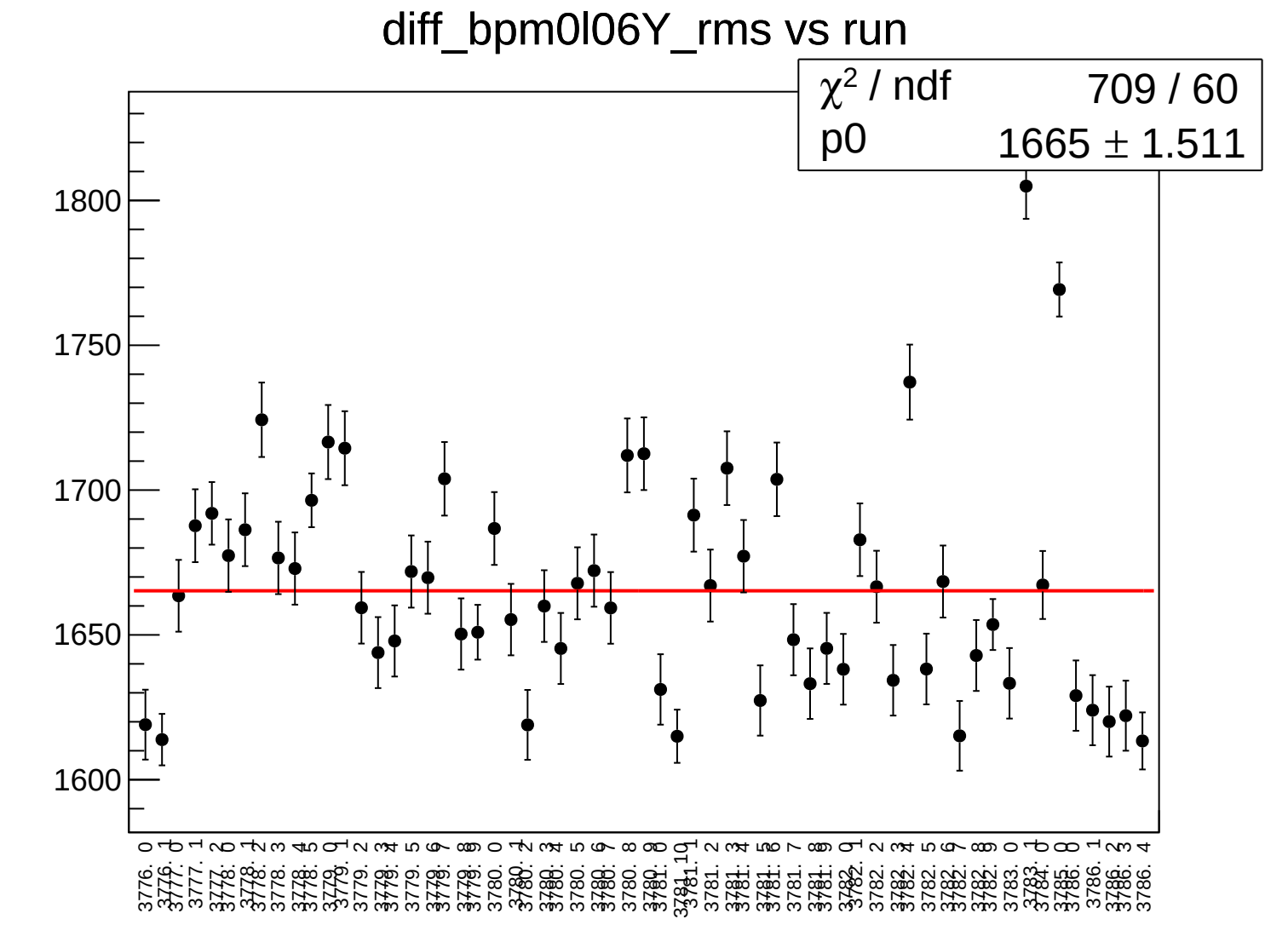

diff_bpm0l06X_mean vs run
χ^2 / ndf 68.25 / 60
p0 36.95 ± 16.63
pull
Entries 61
Mean −12.65
Std Dev 45.62

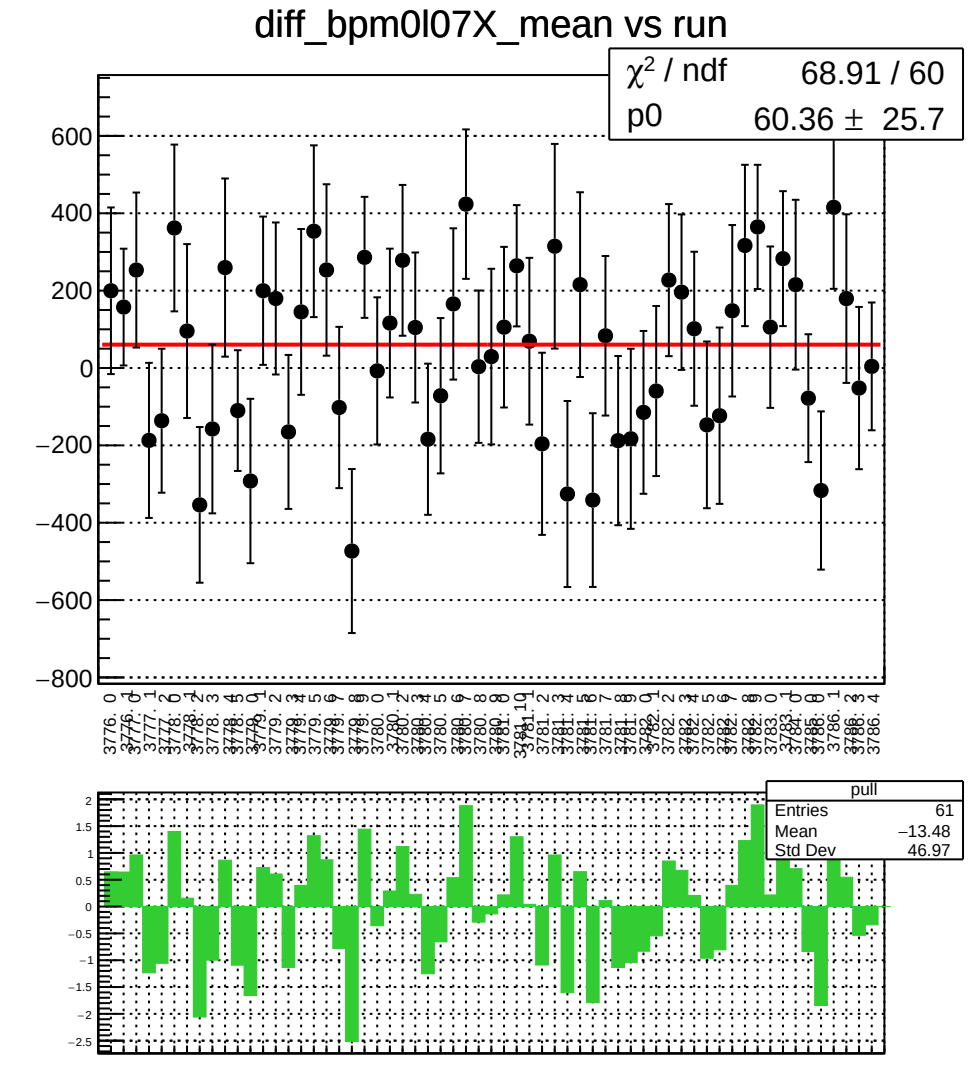

pull1D
Entries 61
Mean −0.02334
Std Dev 1.057

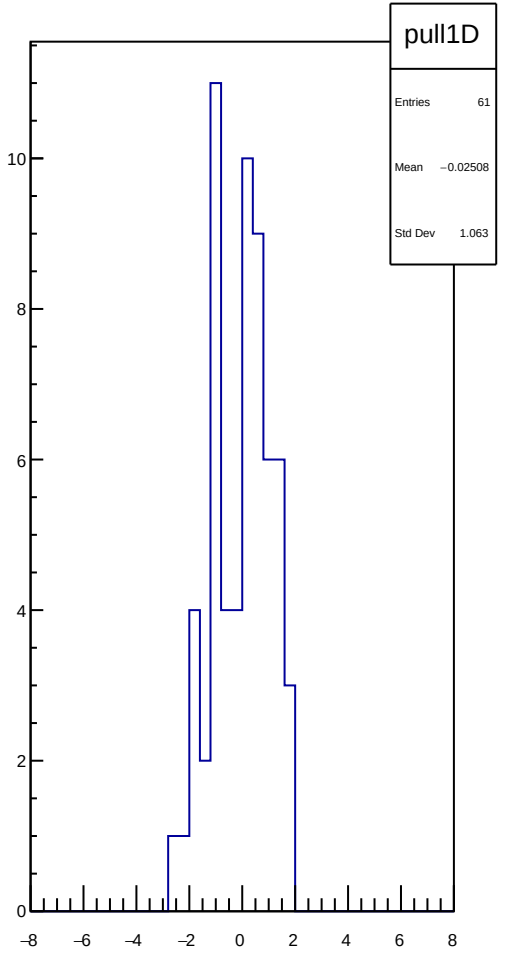

diff_bpm0l06X_rms vs run
χ² / ndf 4992 / 60
p0 1.293e+04 ± 11.76
16000
15000
14000
13000
12000

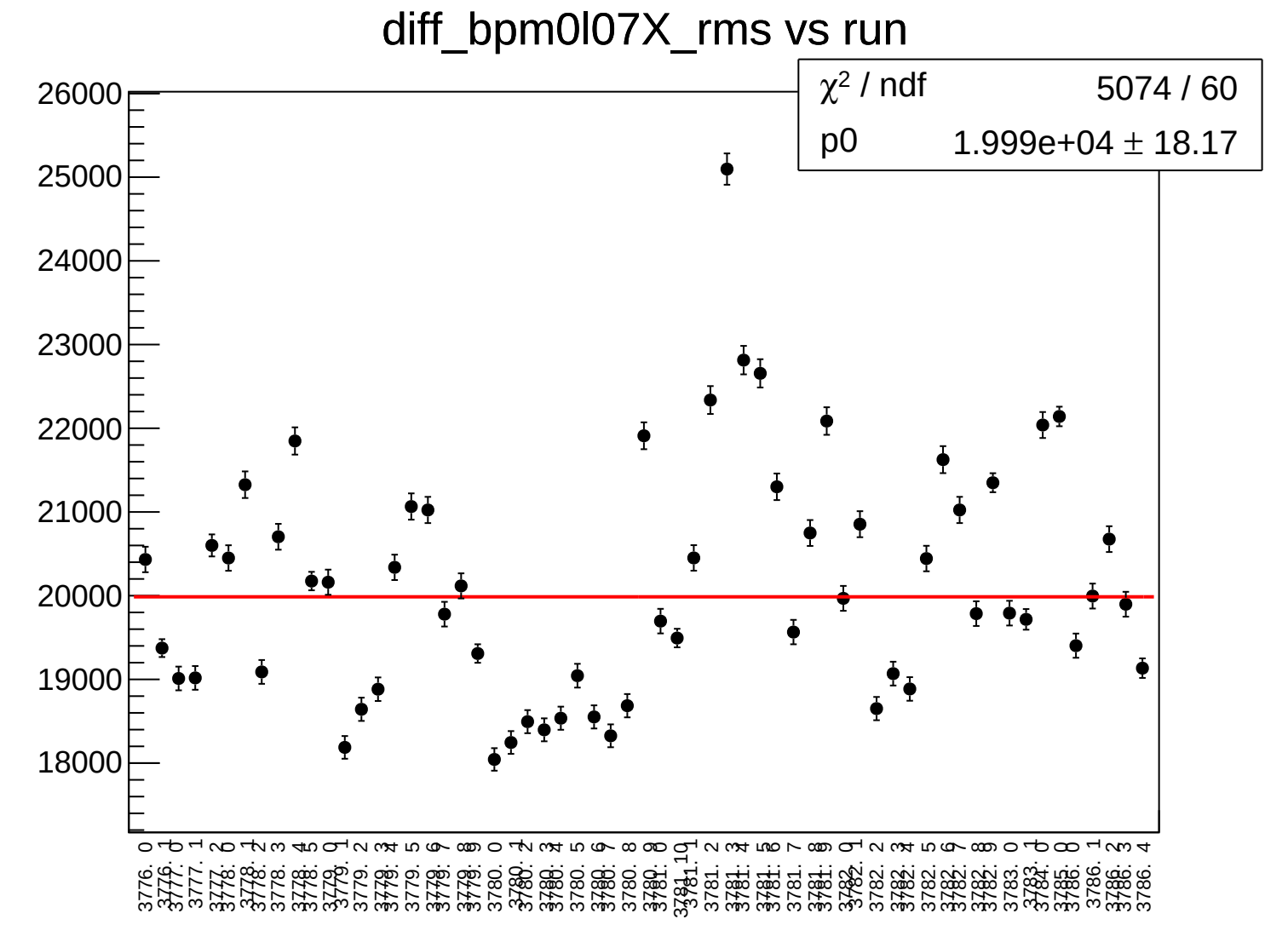

diff_bpm0l06Y_mean vs run
χ² / ndf 57.84 / 60
p0 23.17 ± 2.137
pull
Entries 61
Mean 25.12
Std Dev 150

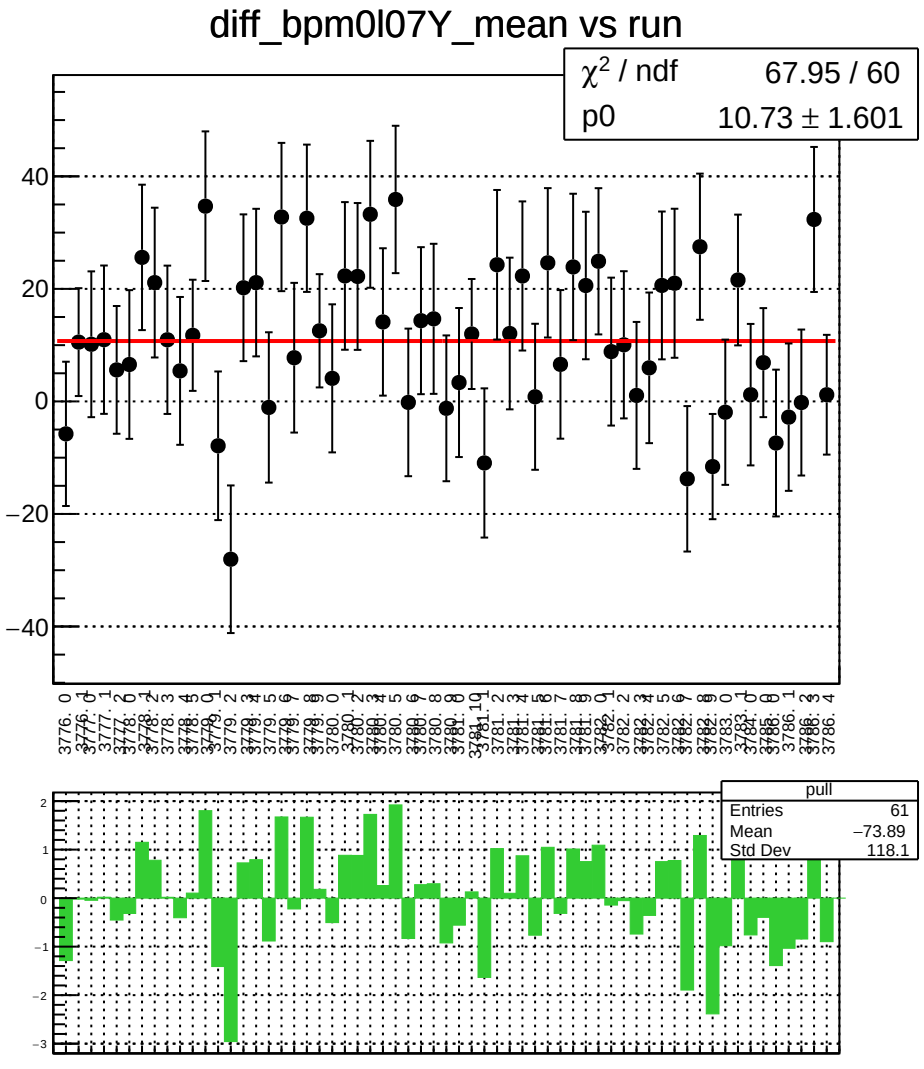

pull1D
Entries 61
Mean 0.004804
Std Dev 0.9738

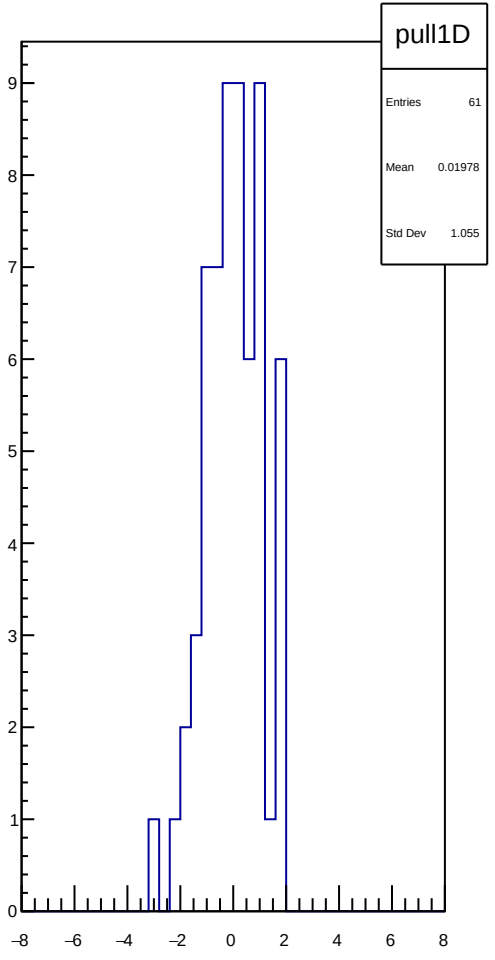

diff_bpm0l06Y_rms vs run
χ² / ndf 709 / 60
p0 1665 ± 1.511
1800
1750
1700
1650
1600

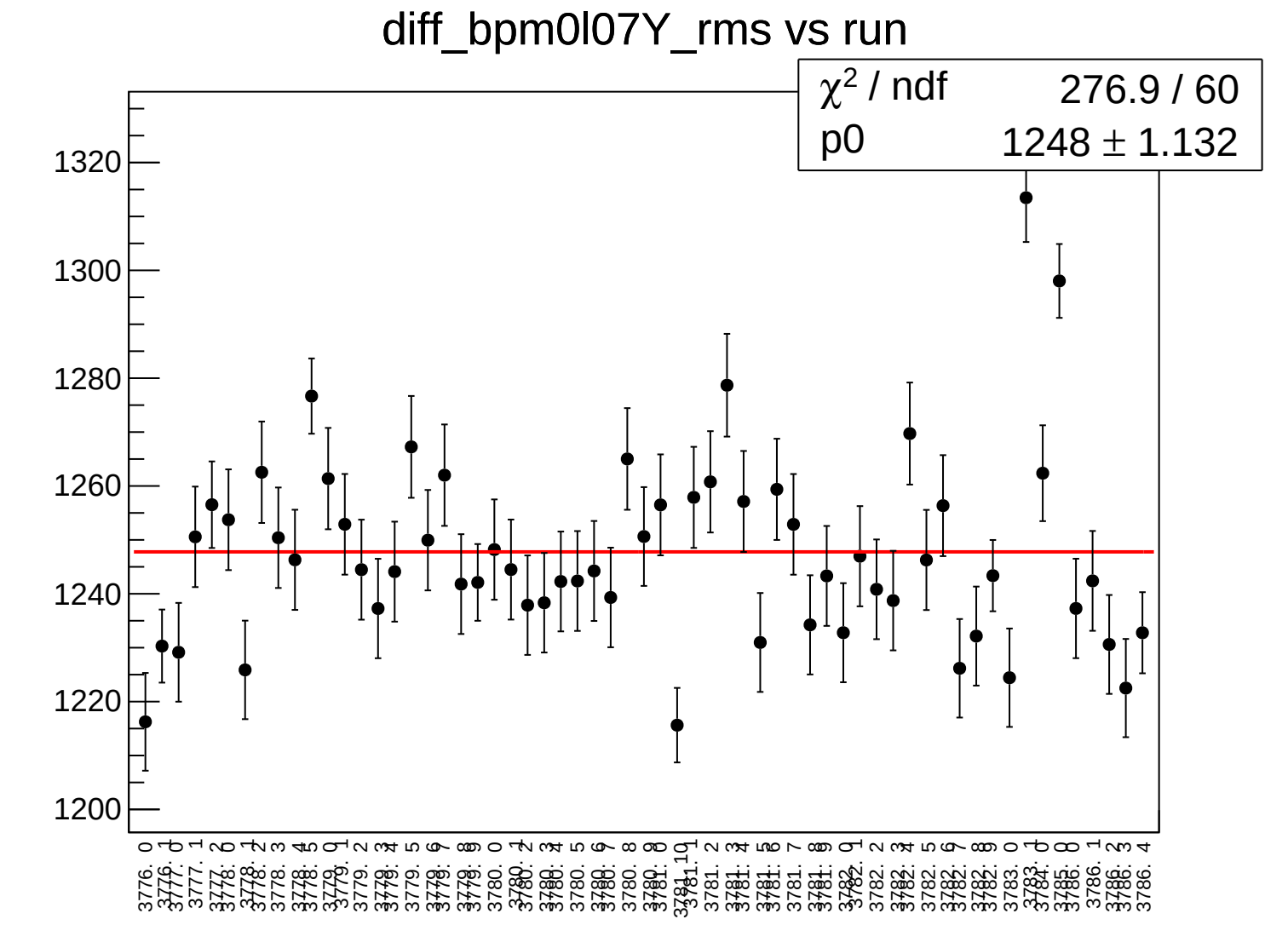

diff_bpm0l07X_mean vs run
χ² / ndf 68.91 / 60
p0 60.36 ± 25.7
pull
Entries 61
Mean −13.48
Std Dev 46.97

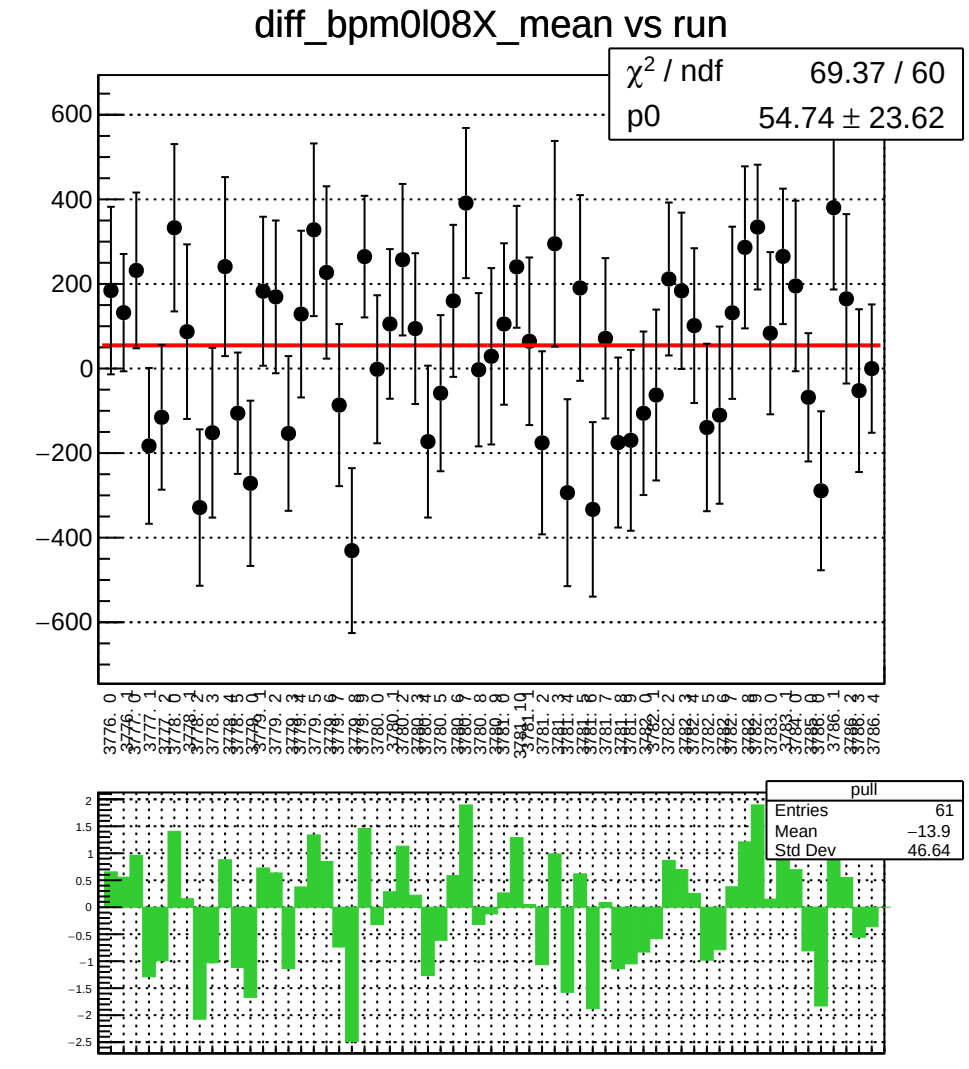

pull1D
Entries 61
Mean −0.02508
Std Dev 1.063

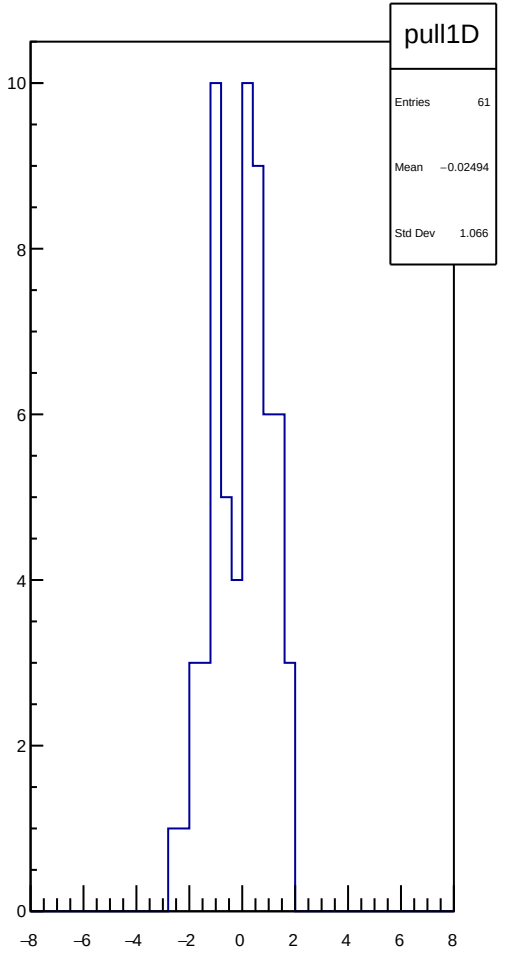

diff_bpm0l07X_rms vs run
χ² / ndf 5074 / 60
p0 1.999e+04 ± 18.17
26000
25000
24000
23000
22000
21000
20000
19000
18000

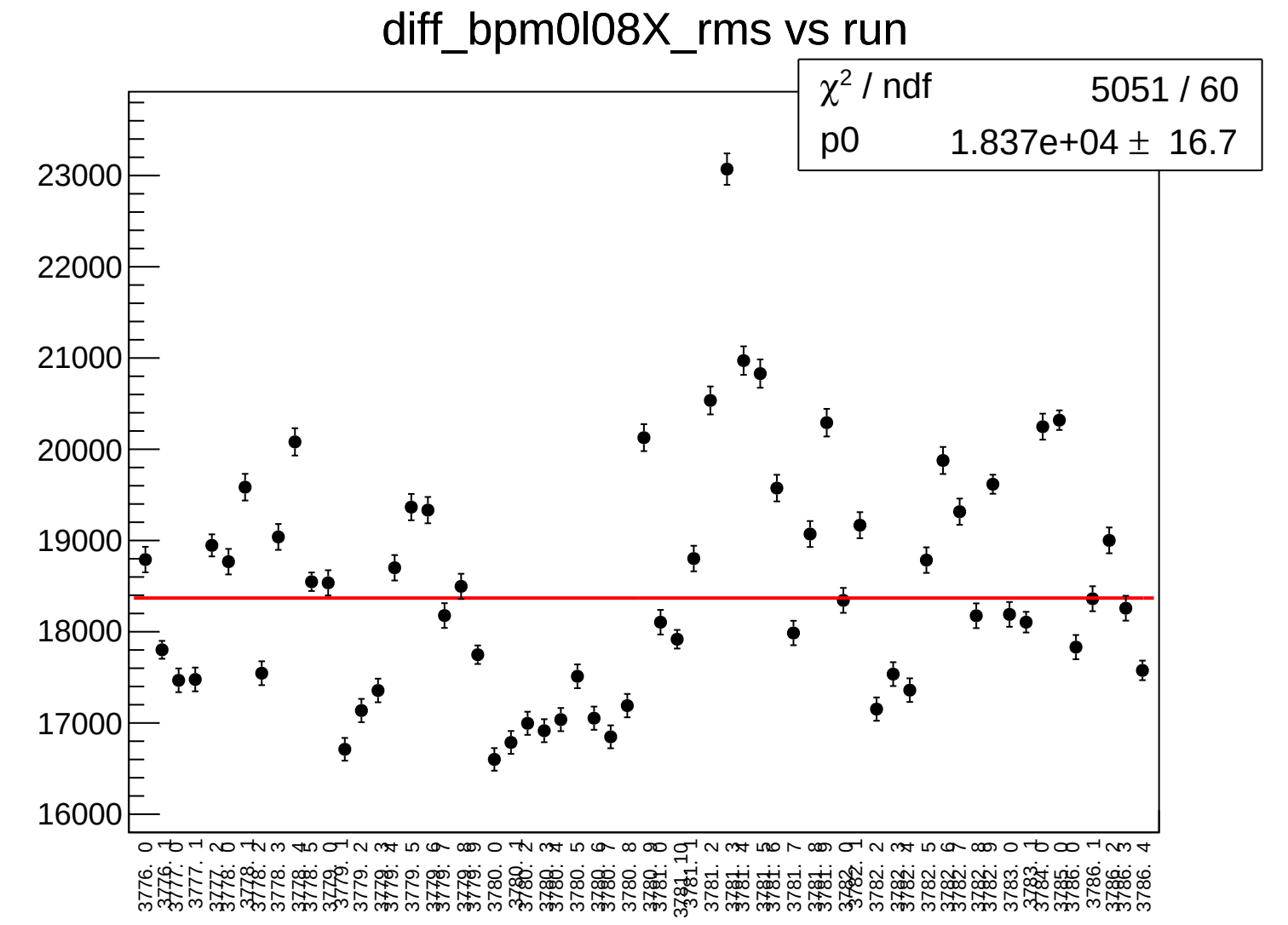

diff_bpm0l07Y_mean vs run
χ² / ndf 67.95 / 60
p0 10.73 ± 1.601
pull
Entries 61
Mean −73.89
Std Dev 118.1

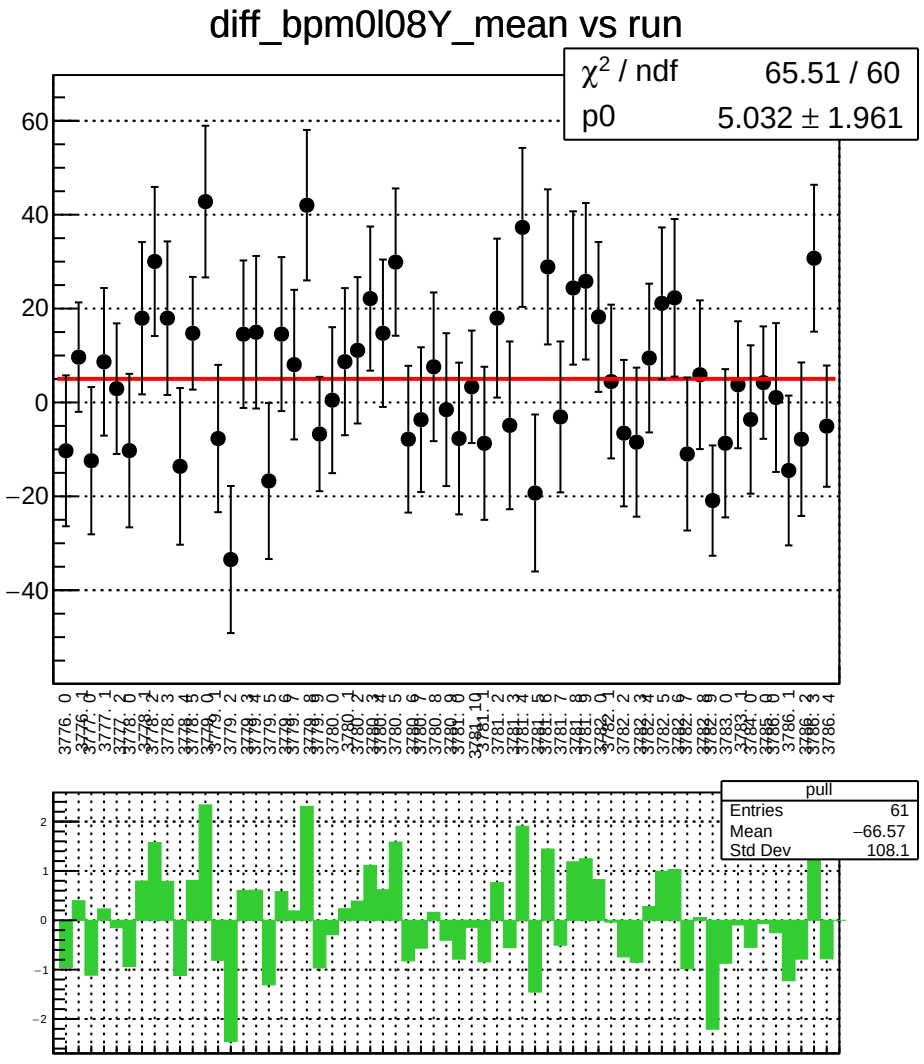

pull1D
Entries 61
Mean 0.01978
Std Dev 1.055

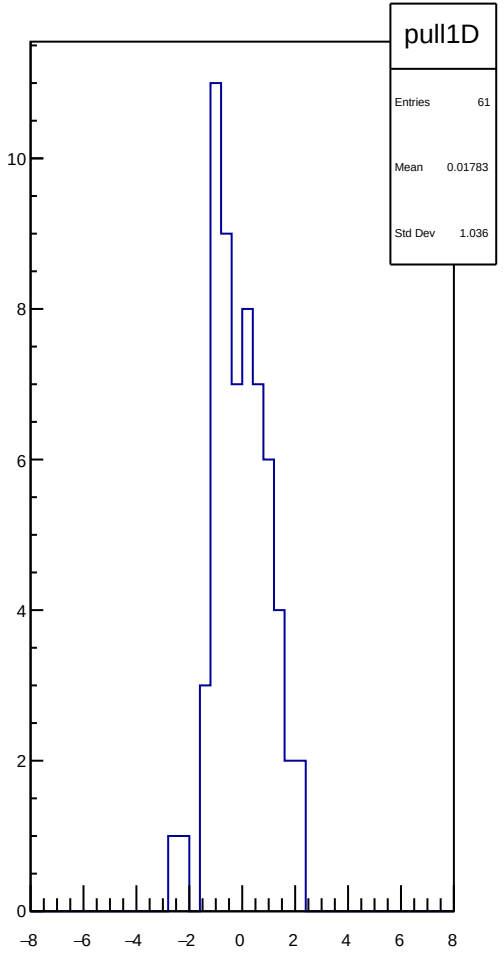

diff_bpm0l07Y_rms vs run
χ² / ndf 276.9 / 60
p0 1248 ± 1.132
1320
1300
1280
1260
1240
1220
1200

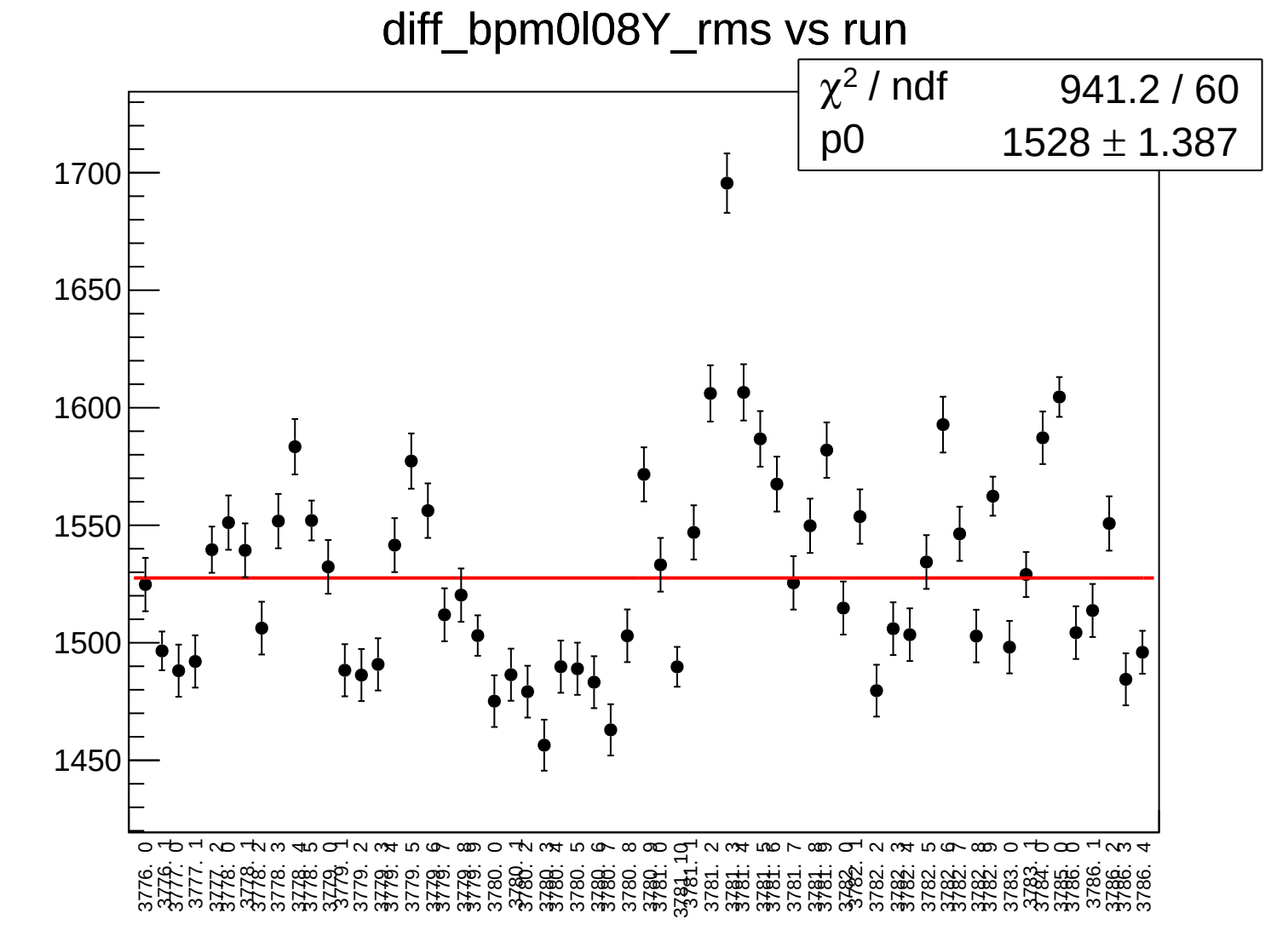

diff_bpm0l08X_mean vs run
χ² / ndf 69.37 / 60
p0 54.74 ± 23.62
pull
Entries 61
Mean −13.9
Std Dev 46.64

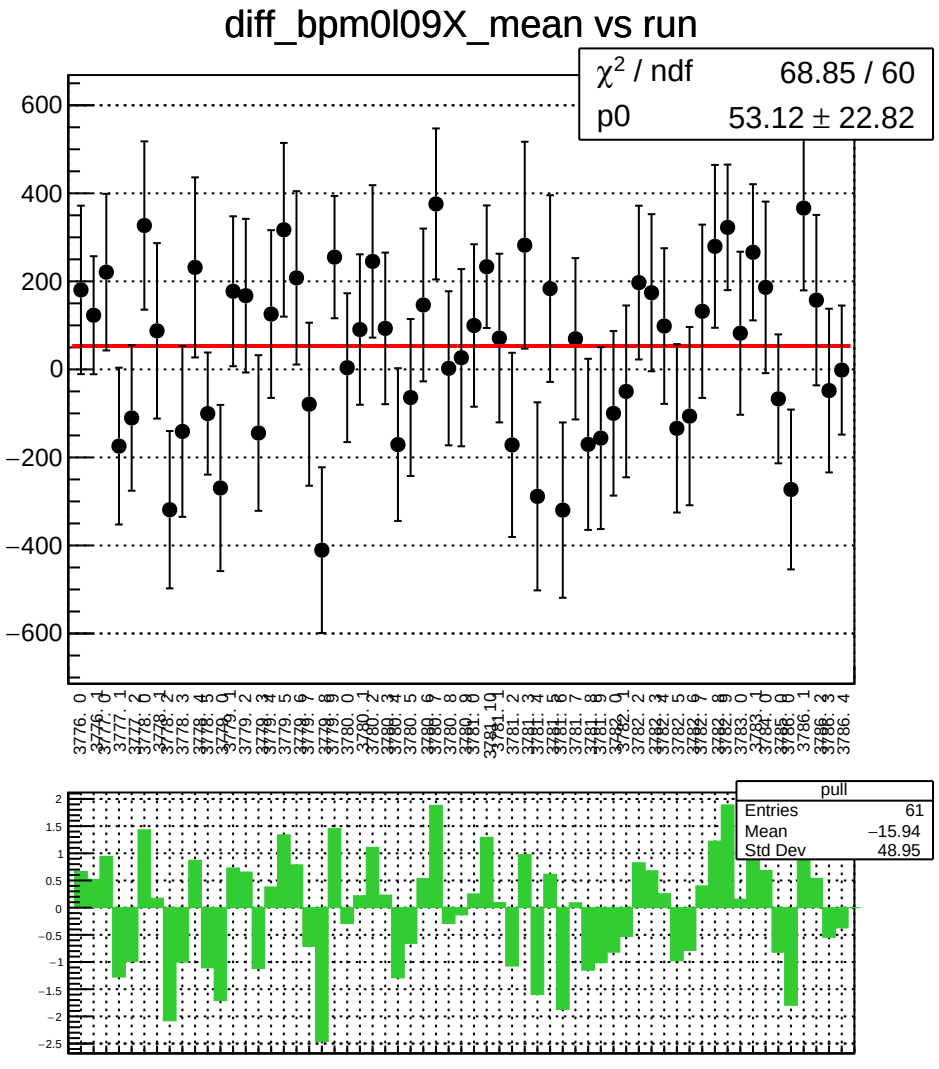

pull1D
Entries 61
Mean −0.02494
Std Dev 1.066

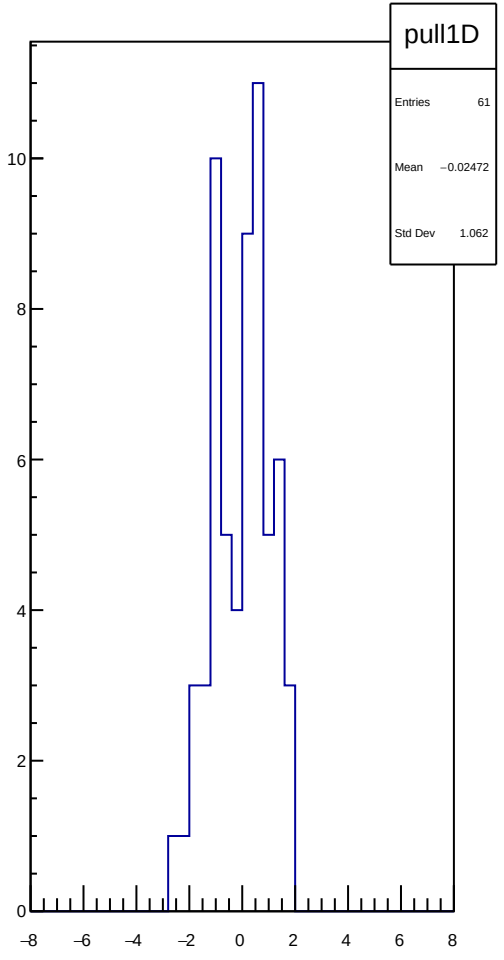

diff_bpm0l08X_rms vs run
χ² / ndf 5051 / 60
p0 1.837e+04 ± 16.7
23000
22000
21000
20000
19000
18000
17000
16000

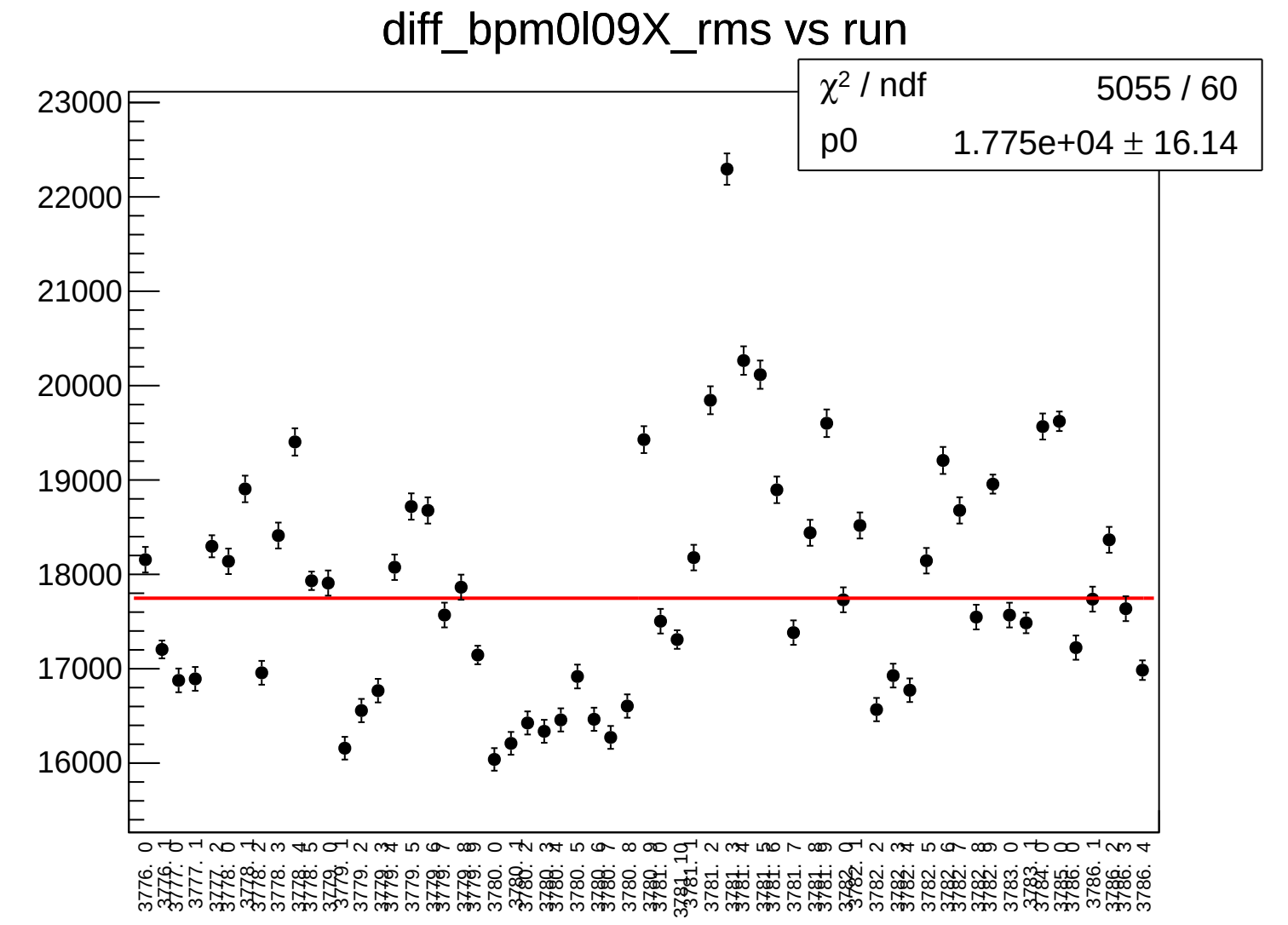

diff_bpm0l08Y_mean vs run
χ² / ndf 65.51 / 60
p0 5.032 ± 1.961
pull
Entries 61
Mean −66.57
Std Dev 108.1

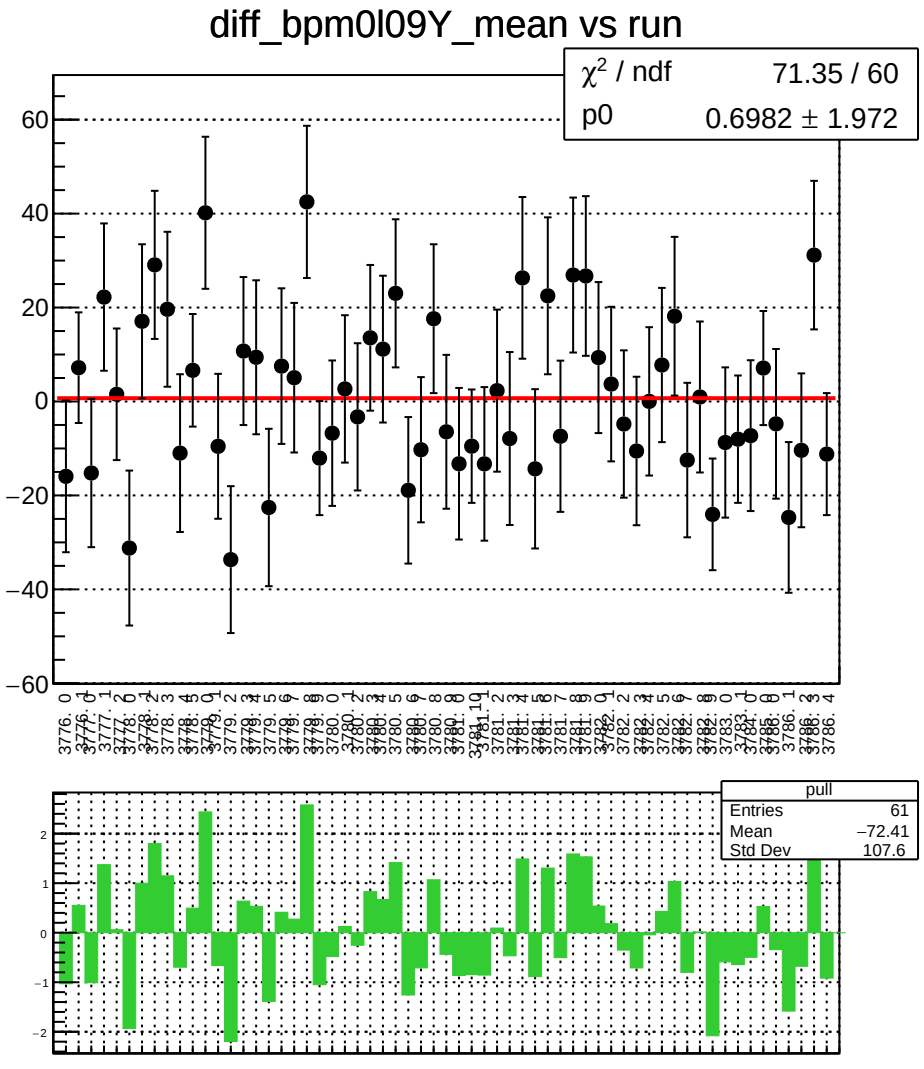

pull1D
Entries 61
Mean 0.01783
Std Dev 1.036

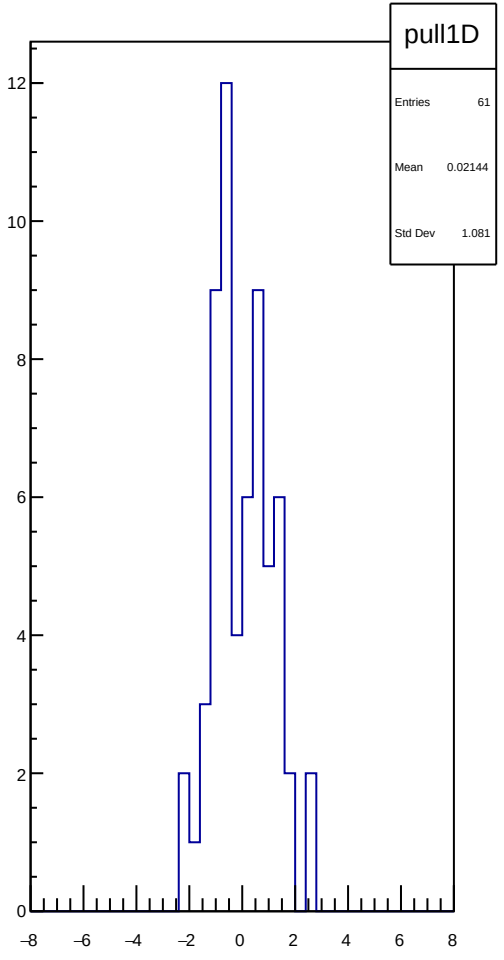

diff_bpm0l08Y_rms vs run
χ² / ndf 941.2 / 60
p0 1528 ± 1.387
1700
1650
1600
1550
1500
1450

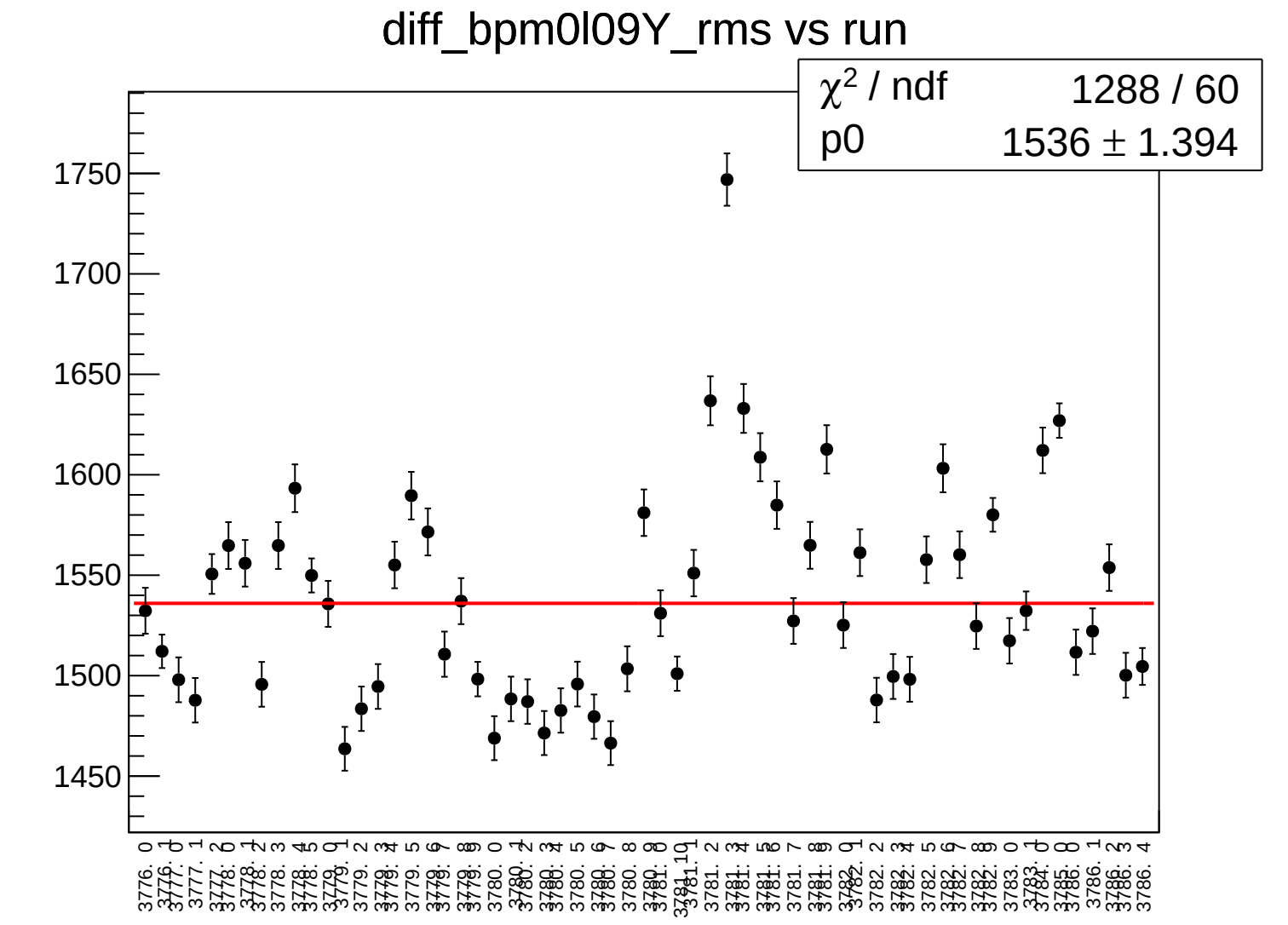

diff_bpm0l09X_mean vs run
χ^2 / ndf 68.85 / 60
p0 53.12 ± 22.82
pull
Entries 61
Mean −15.94
Std Dev 48.95

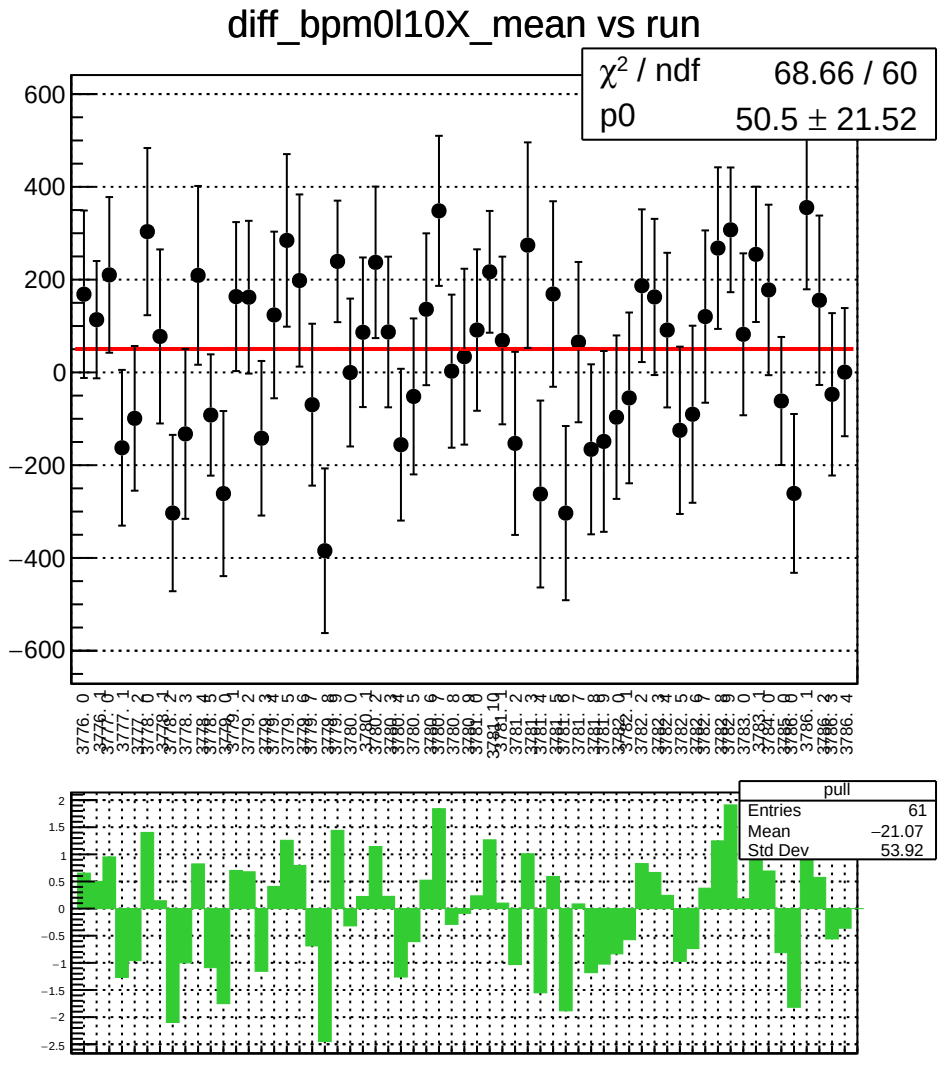

pull1D
Entries 61
Mean −0.02472
Std Dev 1.062

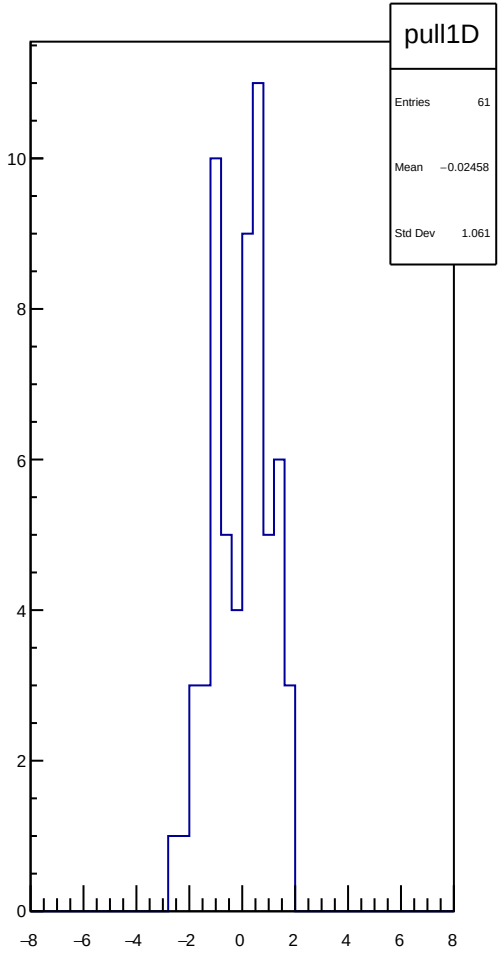

diff_bpm0l09X_rms vs run
χ² / ndf 5055 / 60
p0 1.775e+04 ± 16.14
23000
22000
21000
20000
19000
18000
17000
16000

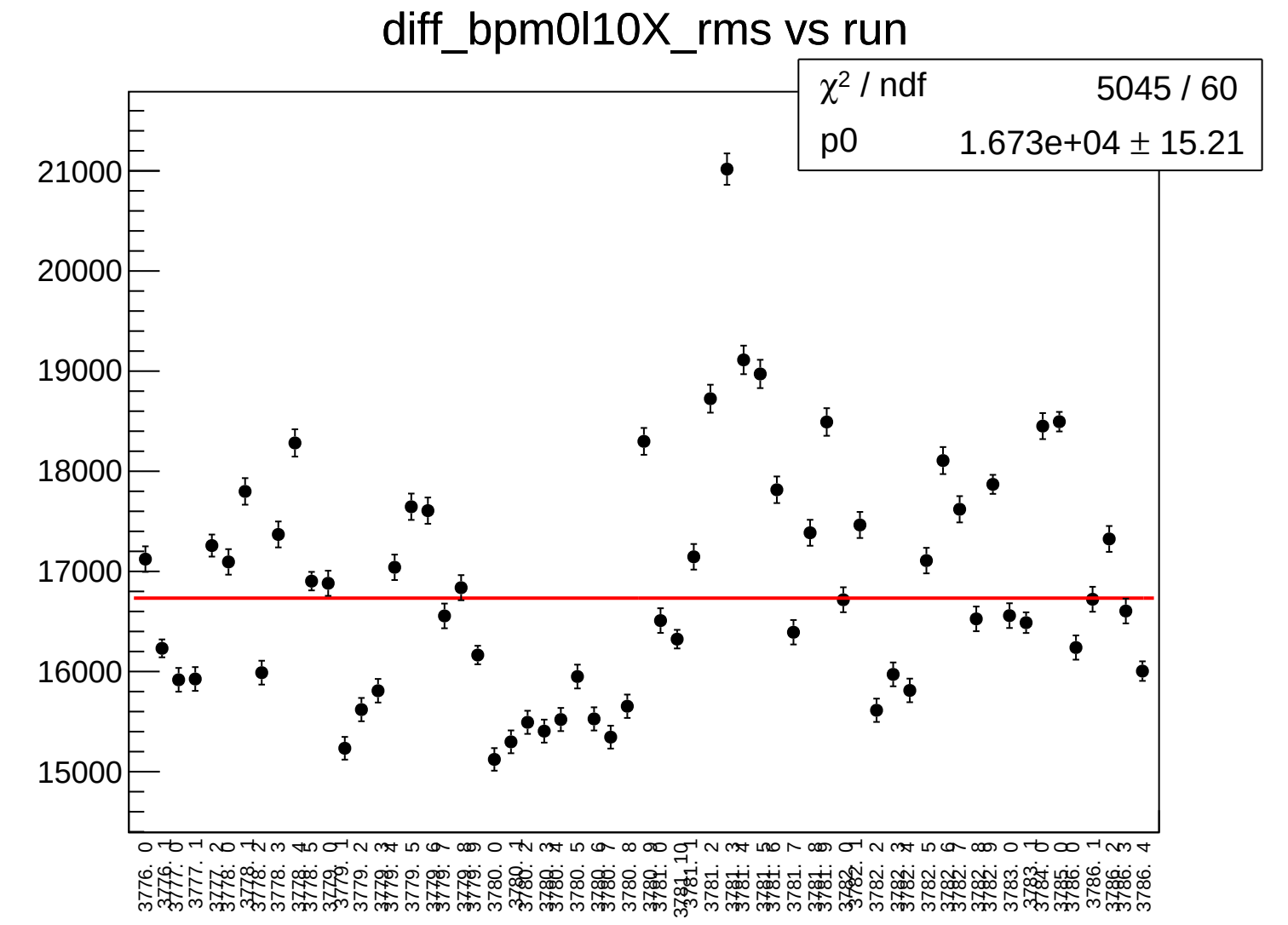

diff_bpm0l09Y_mean vs run
χ² / ndf 71.35 / 60
p0 0.6982 ± 1.972
pull
Entries 61
Mean −72.41
Std Dev 107.6

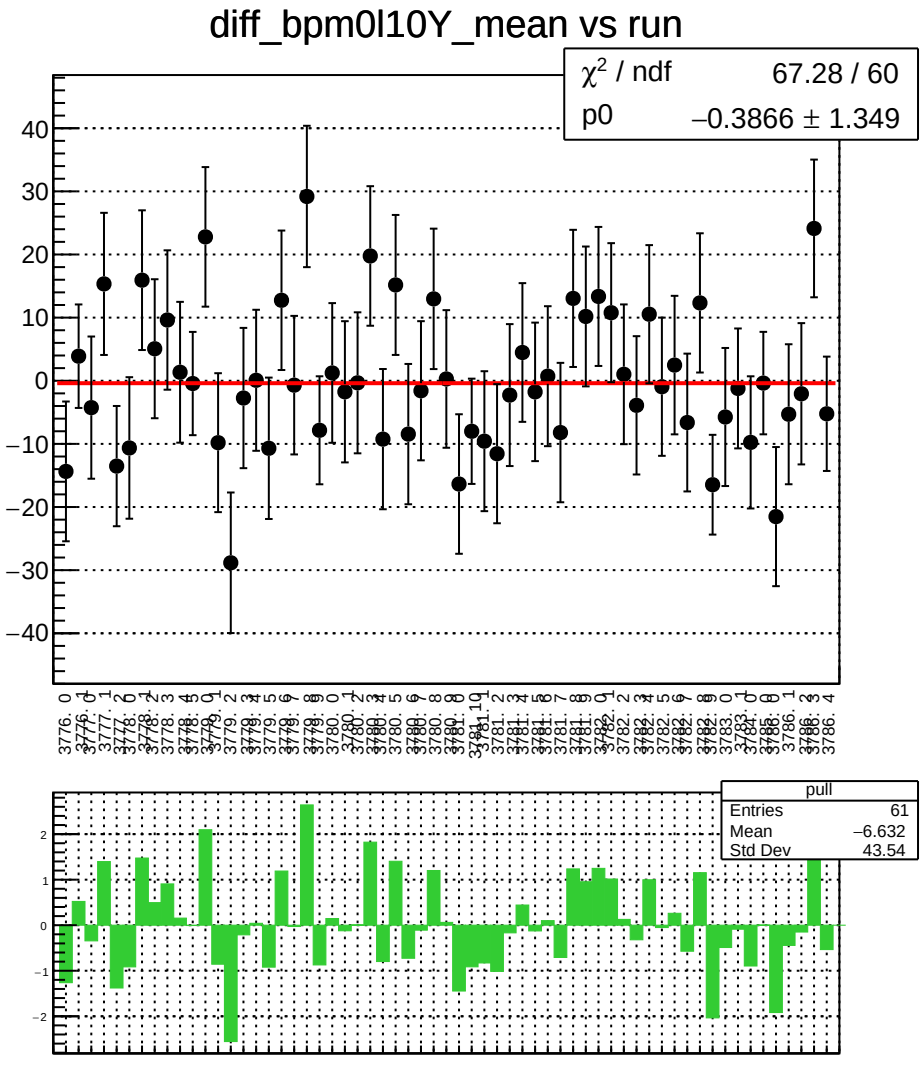

pull1D
Entries 61
Mean 0.02144
Std Dev 1.081

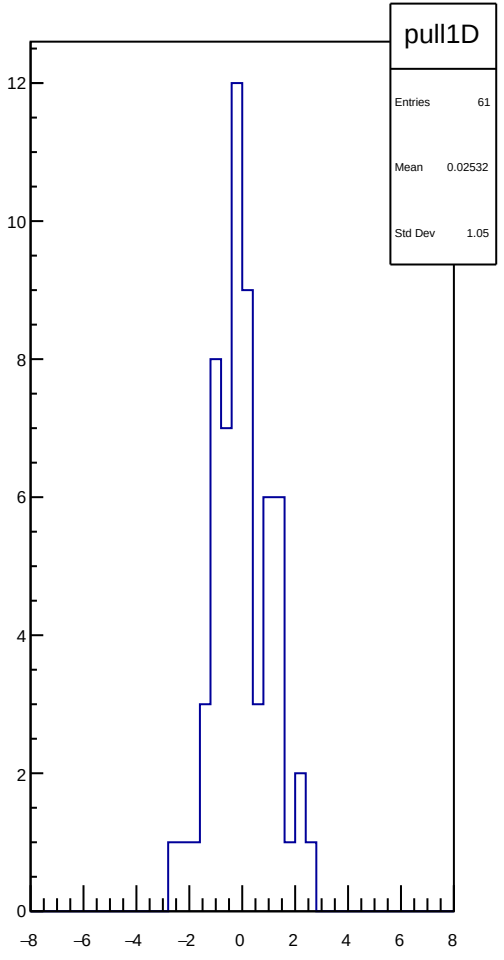

diff_bpm0l09Y_rms vs run
χ² / ndf 1288 / 60
p0 1536 ± 1.394
1750
1700
1650
1600
1550
1500
1450

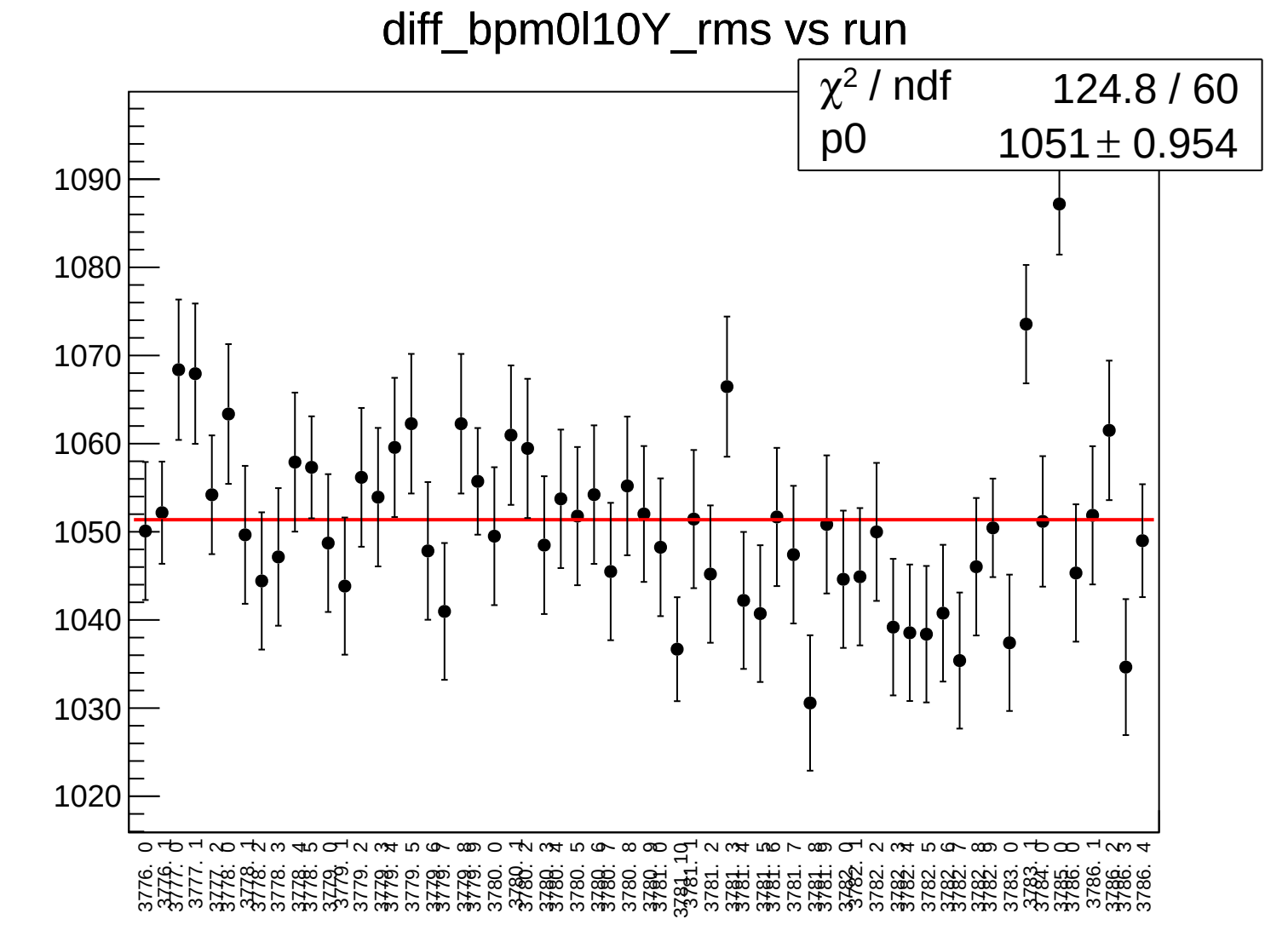

diff_bpm0l10X_mean vs run
χ² / ndf 68.66 / 60
p0 50.5 ± 21.52
pull
Entries 61
Mean −21.07
Std Dev 53.92

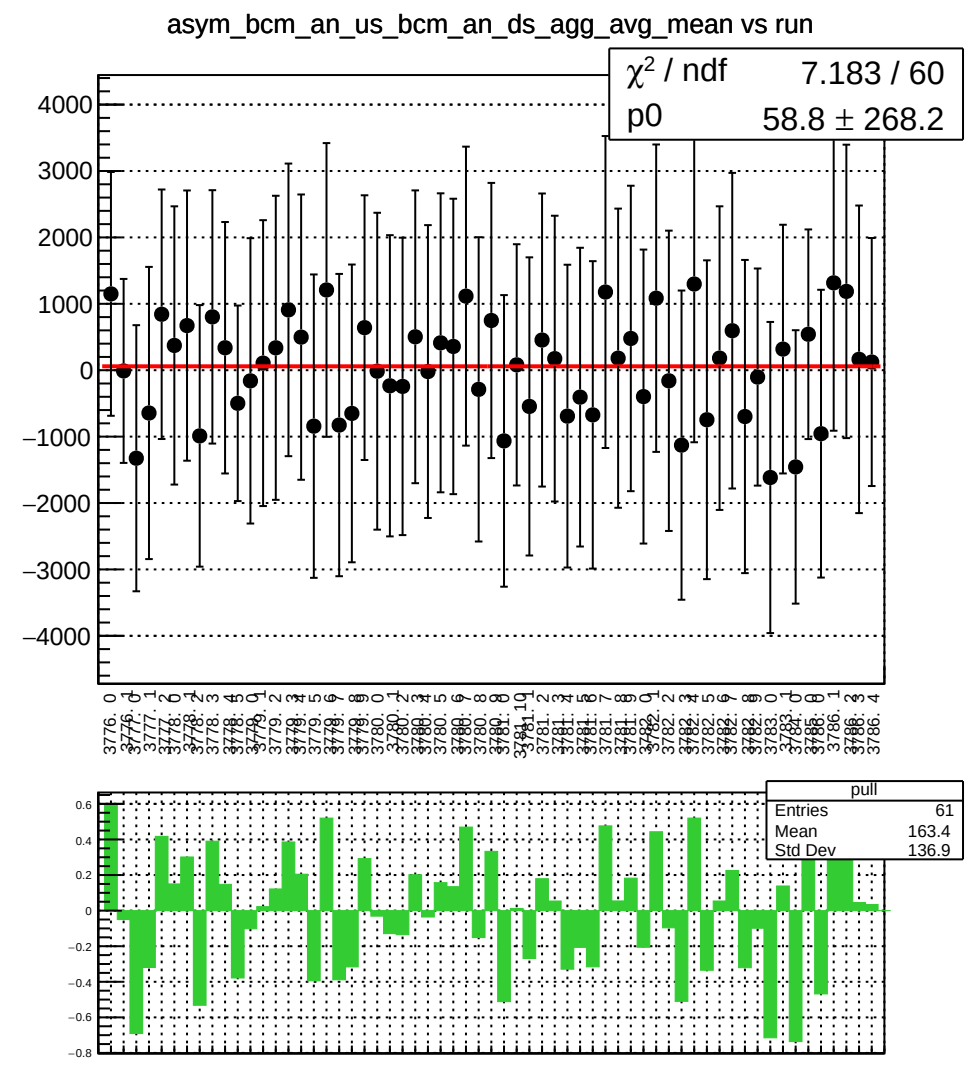

pull1D
Entries 61
Mean −0.02458
Std Dev 1.061

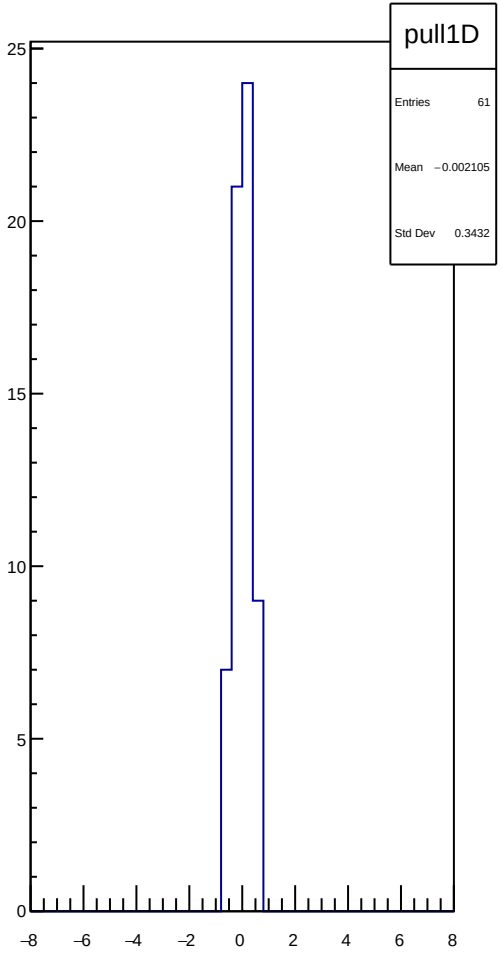

diff_bpm0l10X_rms vs run
χ² / ndf 5045 / 60
p0 1.673e+04 ± 15.21
21000
20000
19000
18000
17000
16000
15000

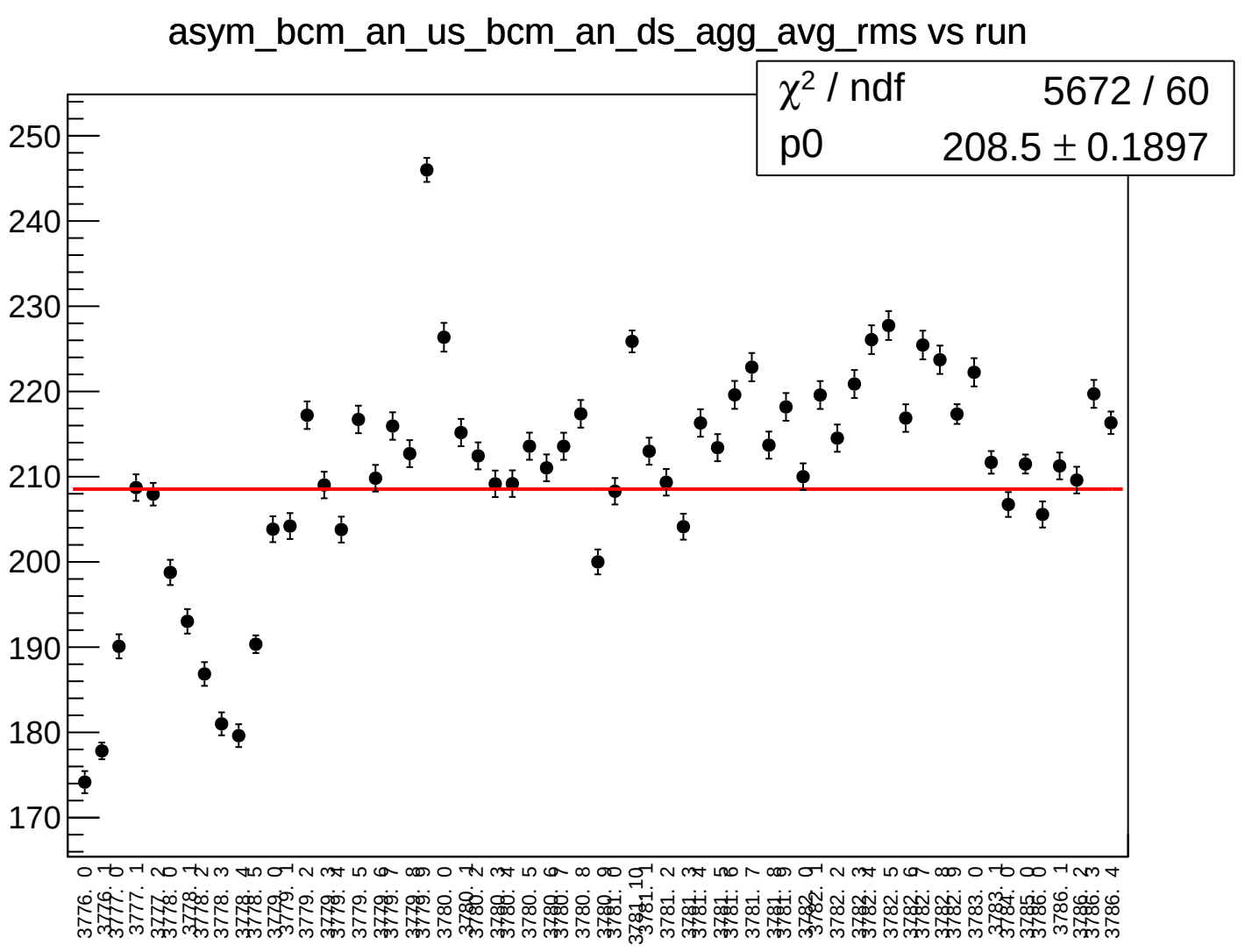

diff_bpm0l10Y_mean vs run
χ² / ndf 67.28 / 60
p0 −0.3866 ± 1.349
pull
Entries 61
Mean −6.632
Std Dev 43.54

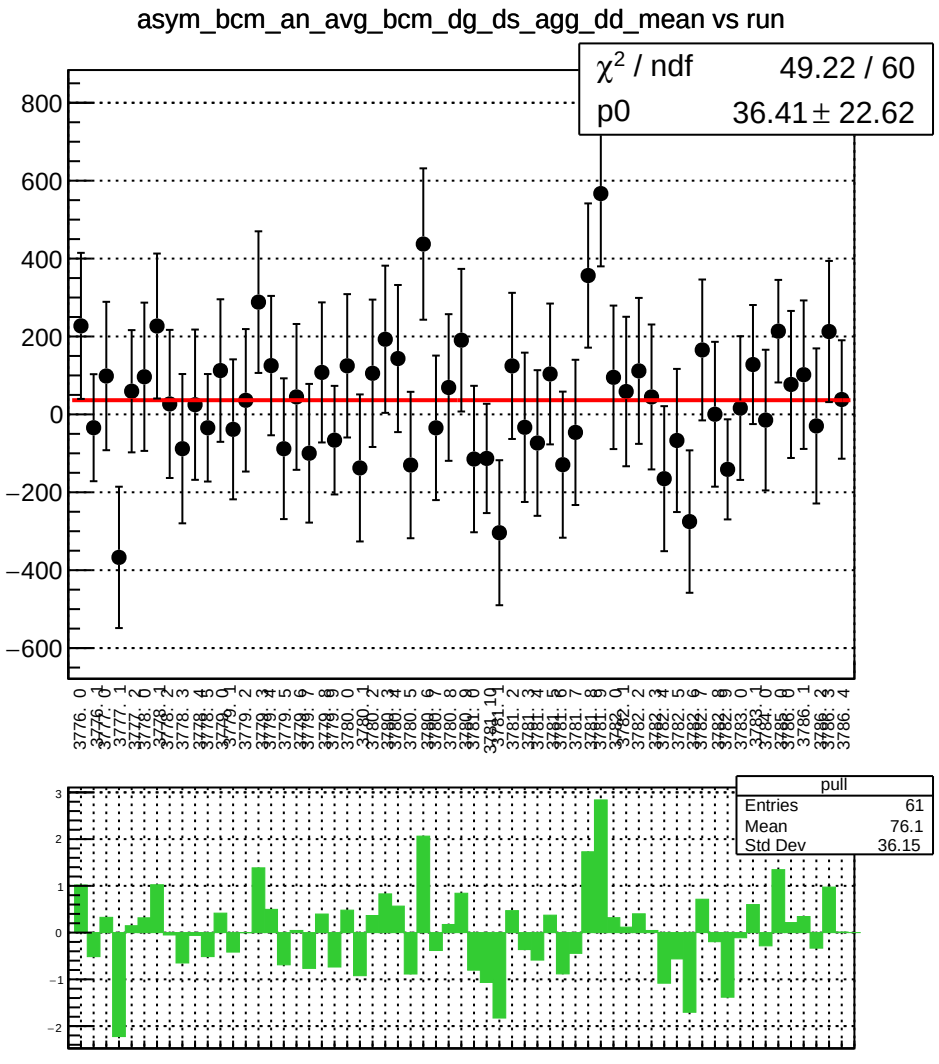

pull1D
Entries 61
Mean 0.02532
Std Dev 1.05

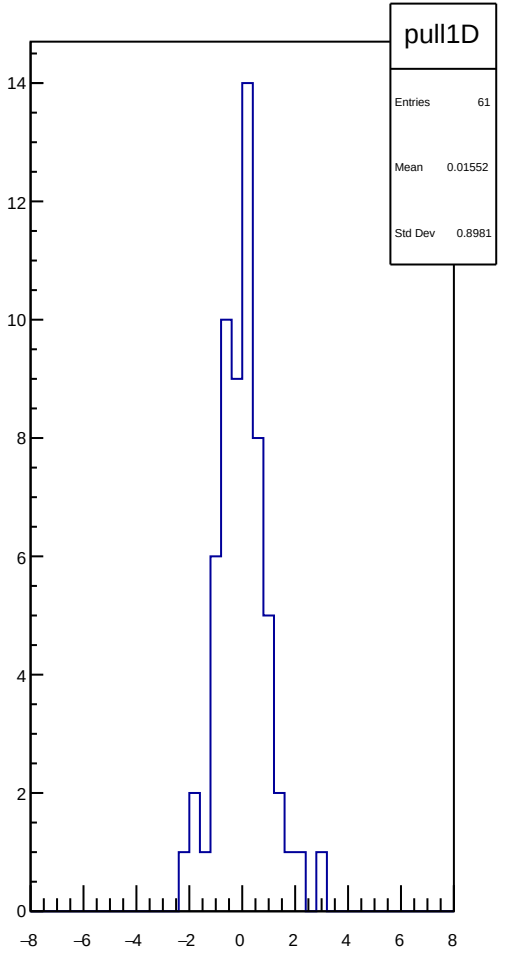

diff_bpm0l10Y_rms vs run
χ² / ndf 124.8 / 60
p0 1051 ± 0.954
1090
1080
1070
1060
1050
1040
1030
1020
3776. 0
3776. 1
3777. 0
3777. 1
3777. 2
3778. 0
3778. 1
3778. 2
3778. 3
3778. 4
3778. 5
3779. 0
3779. 1
3779. 2
3779. 3
3779. 4
3779. 5
3779. 6
3779. 7
3779. 8
3779. 9
3780. 0
3780. 1
3780. 2
3780. 3
3780. 4
3780. 5
3780. 6
3780. 7
3780. 8
3780. 9
3781. 0
3781. 1
3781. 2
3781. 3
3781. 4
3781. 5
3781. 6
3781. 7
3781. 8
3781. 9
3782. 0
3782. 1
3782. 2
3782. 3
3782. 4
3782. 5
3782. 6
3782. 7
3782. 8
3782. 9
3783. 0
3783. 1
3784. 0
3785. 0
3786. 1
3786. 2
3786. 3
3786. 4

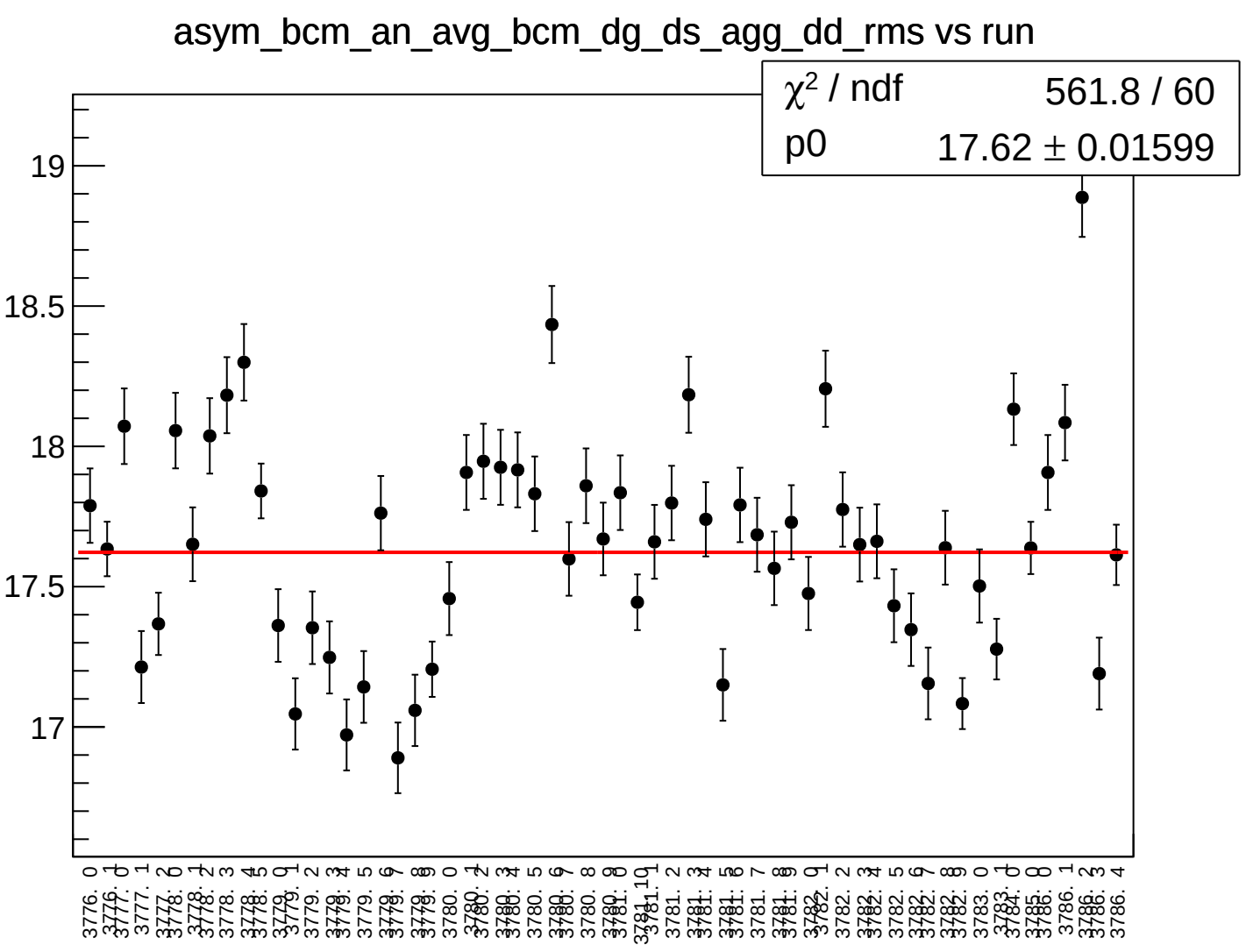

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs run
χ² / ndf 7.183 / 60
p0 58.8 ± 268.2
pull
Entries 61
Mean 163.4
Std Dev 136.9

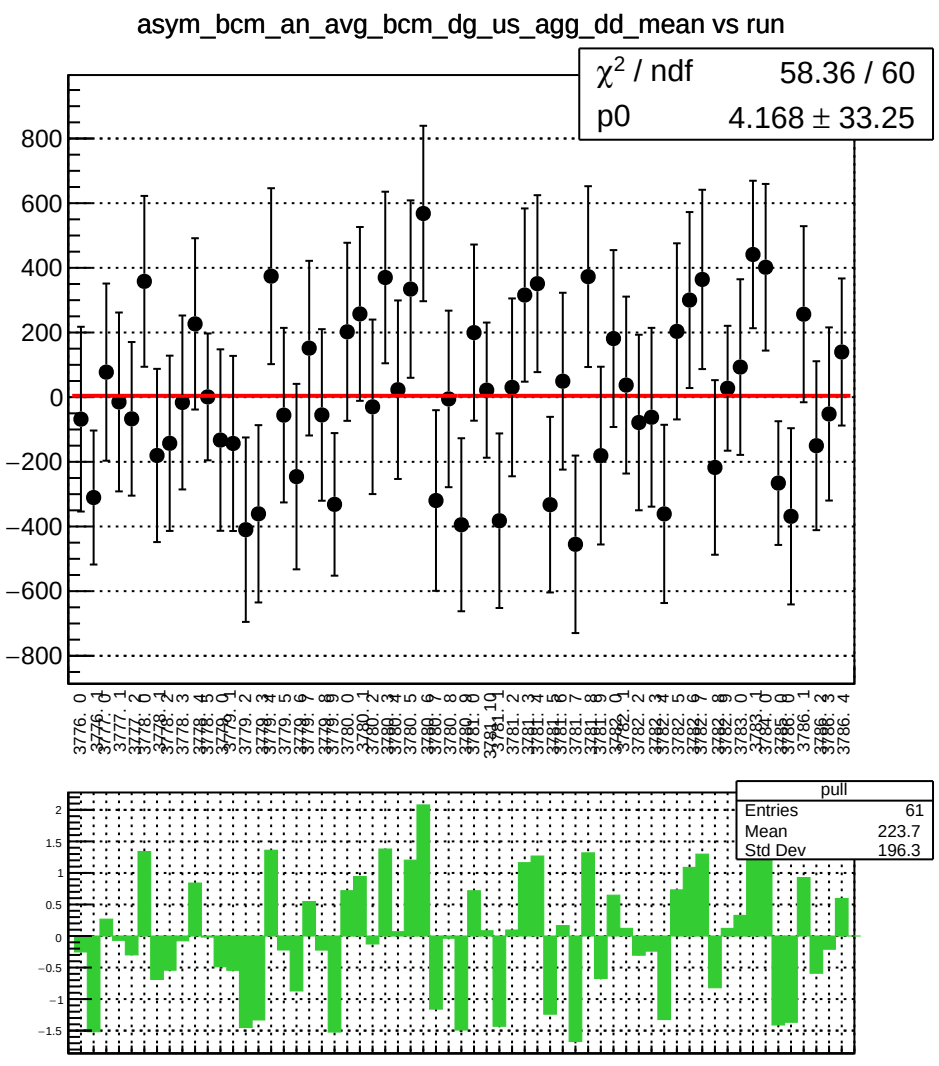

pull1D
Entries 61
Mean −0.002105
Std Dev 0.3432

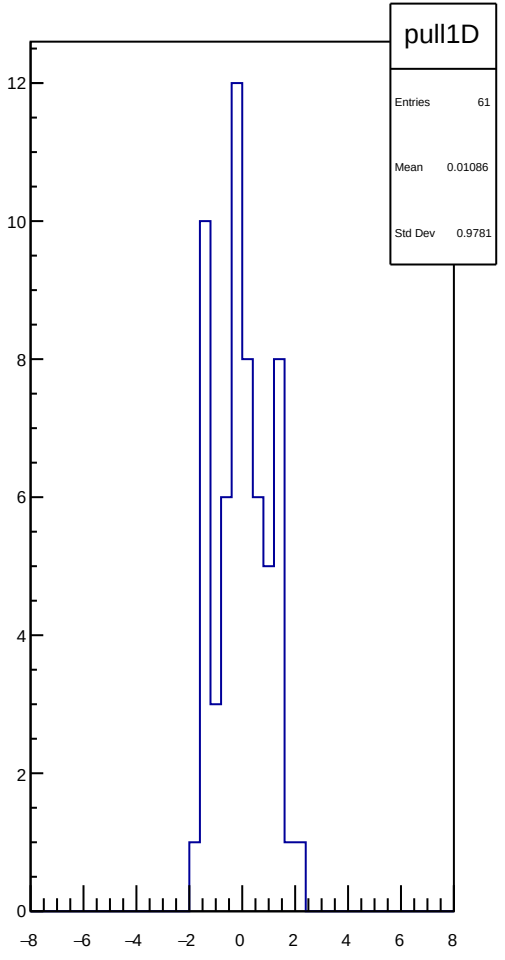

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs run
χ² / ndf 5672 / 60
p0 208.5 ± 0.1897
250
240
230
220
210
200
190
180
170

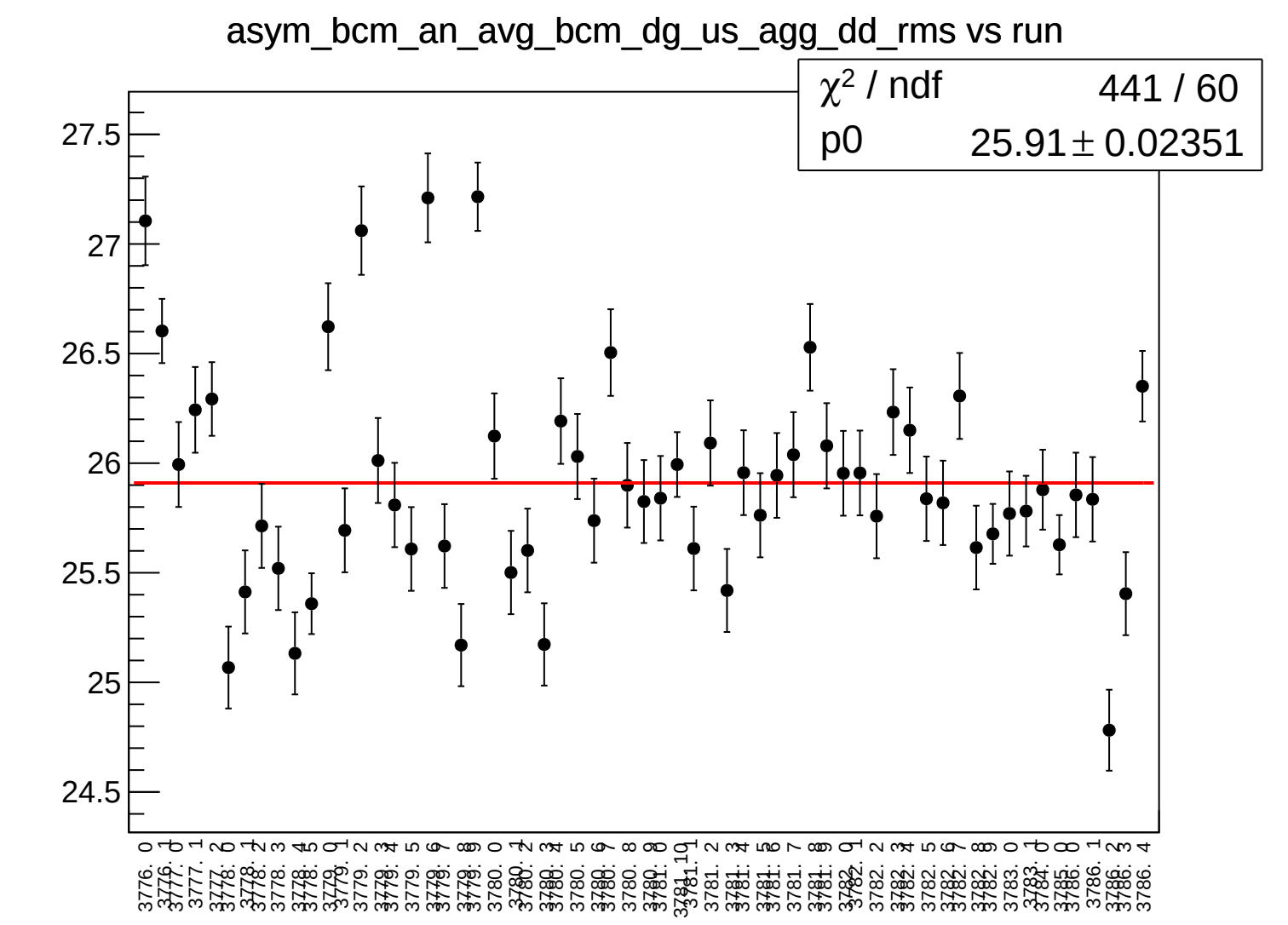

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs run
χ² / ndf 49.22 / 60
p0 36.41 ± 22.62
pull
Entries 61
Mean 76.1
Std Dev 36.15

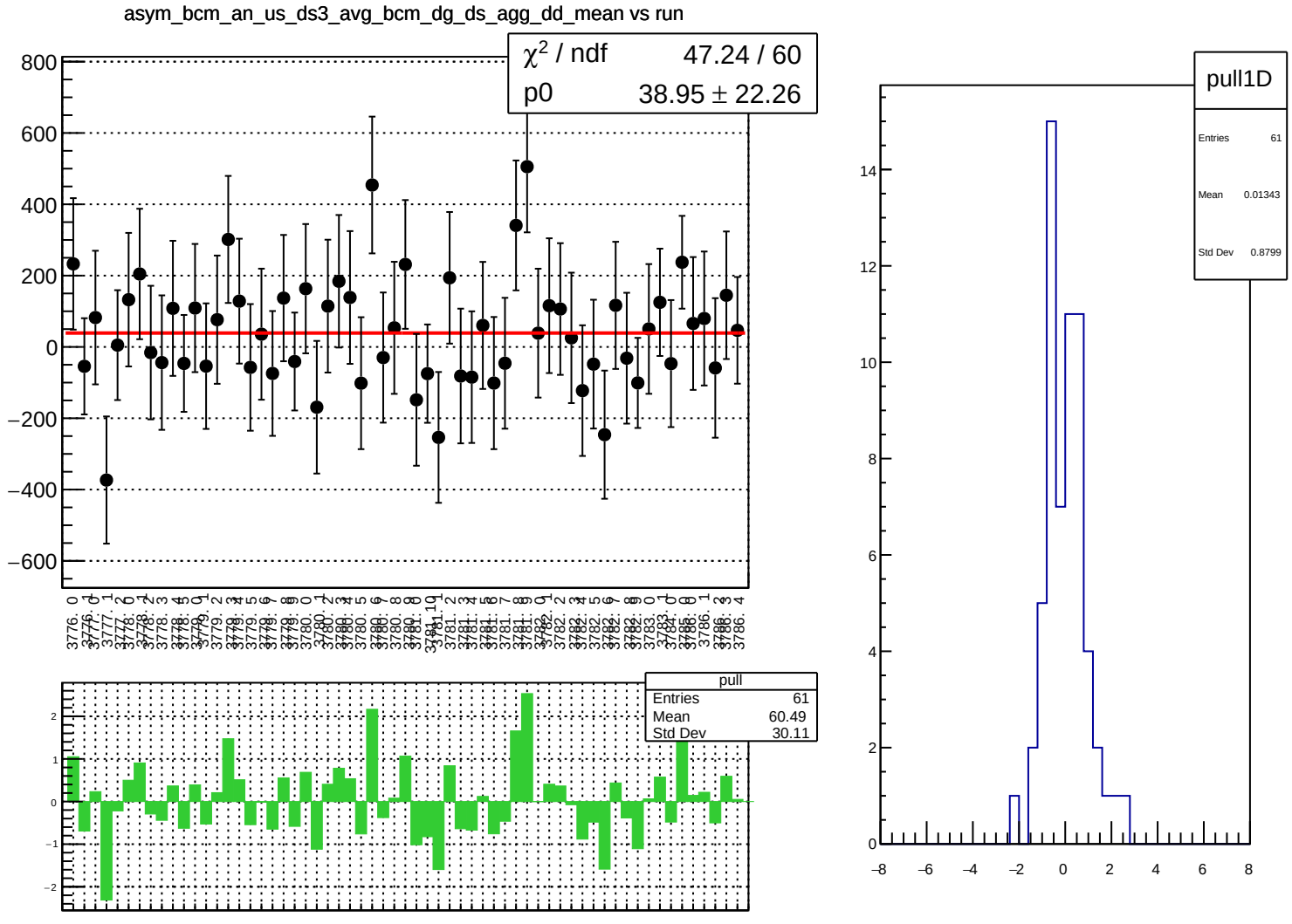

pull1D
Entries 61
Mean 0.01552
Std Dev 0.8981

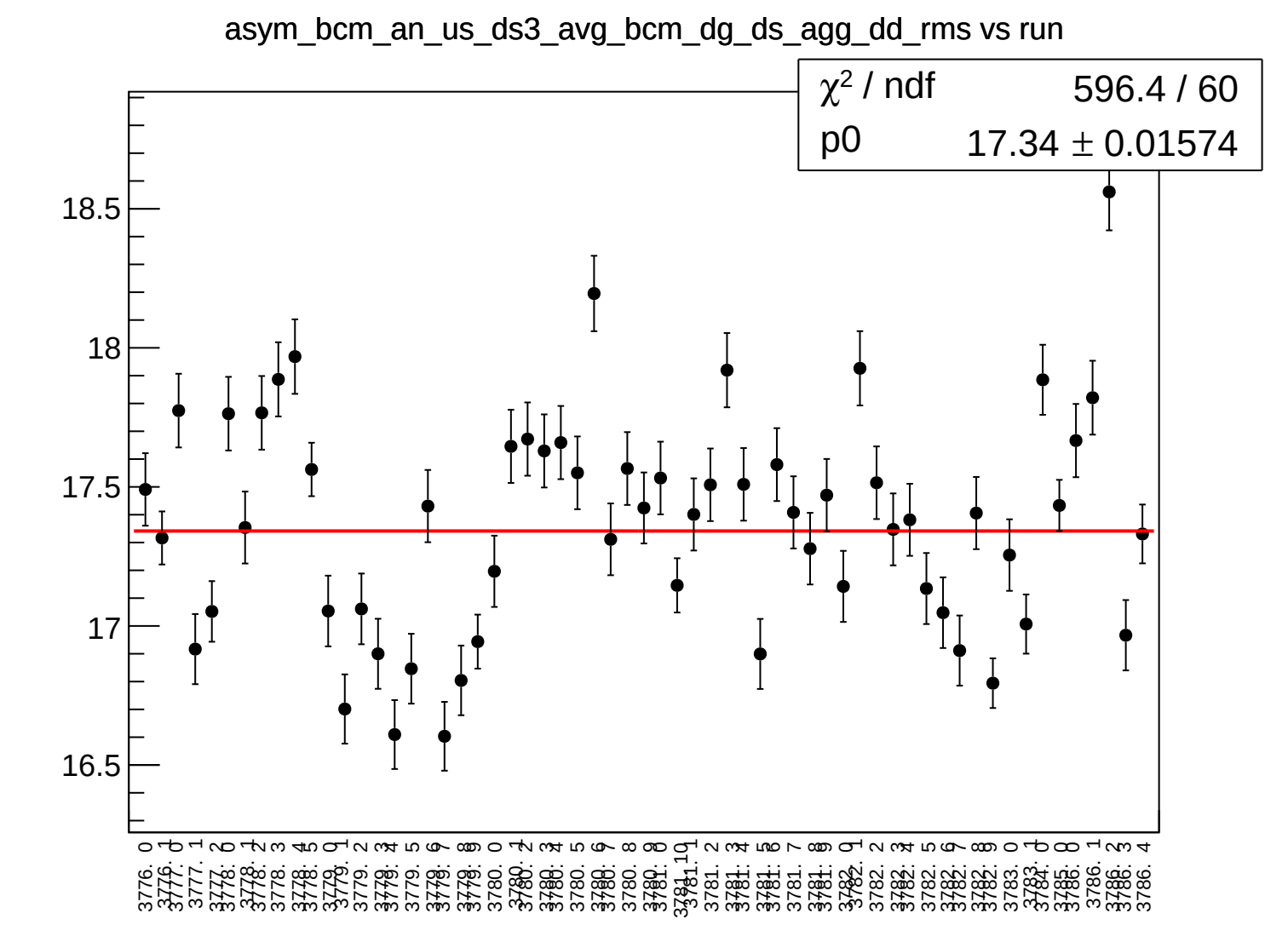

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs run
χ² / ndf 561.8 / 60
p0 17.62 ± 0.01599
19
18.5
18
17.5
17

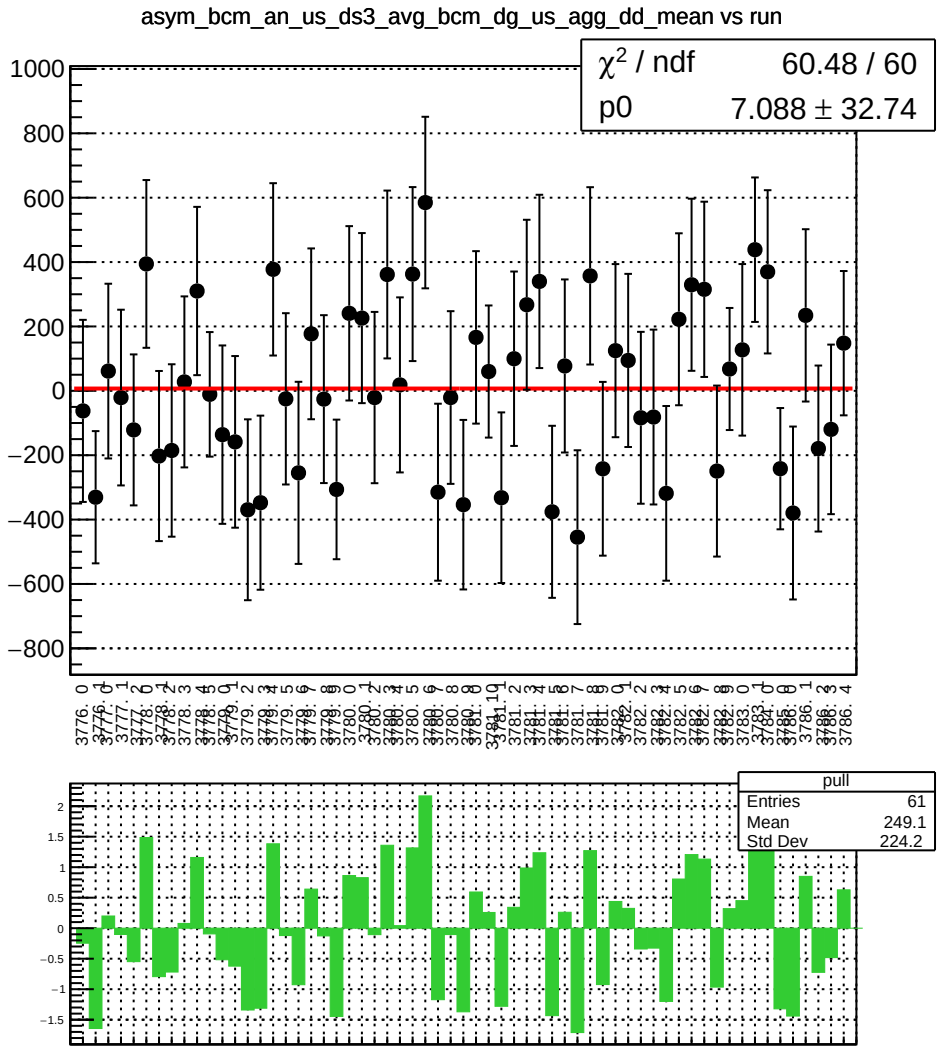

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs run
χ² / ndf 58.36 / 60
p0 4.168 ± 33.25
pull
Entries 61
Mean 223.7
Std Dev 196.3

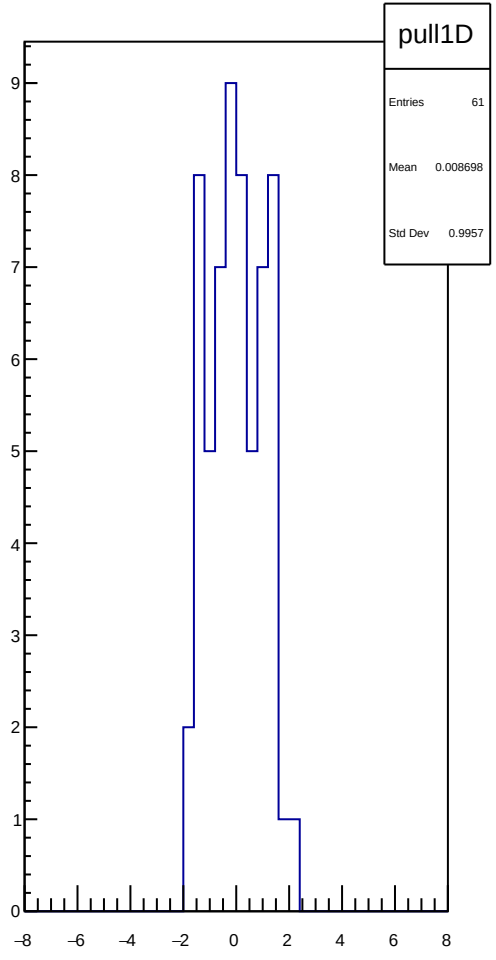

pull1D
Entries 61
Mean 0.01086
Std Dev 0.9781

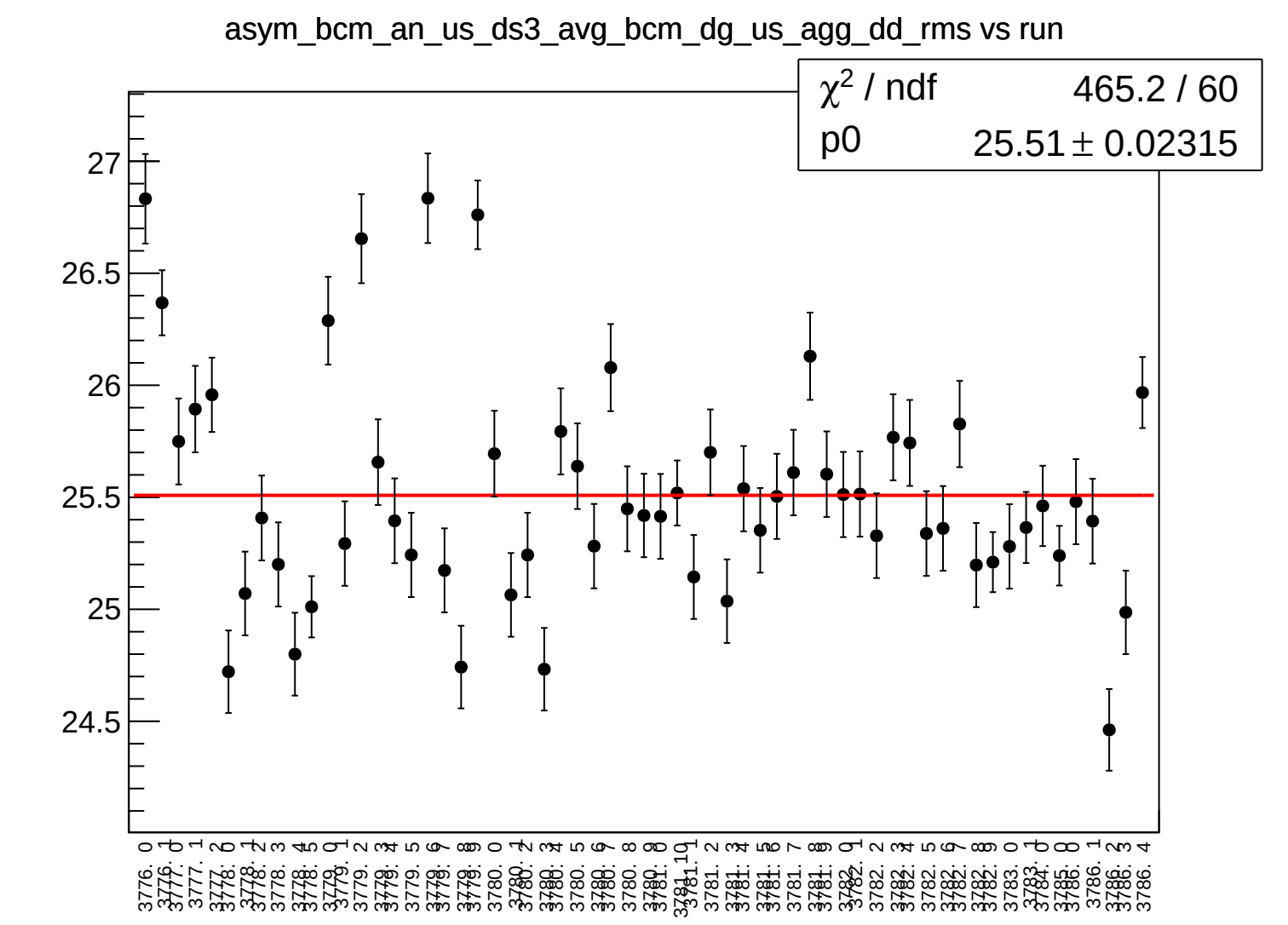

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs run
χ² / ndf 441 / 60
p0 25.91 ± 0.02351
27.5
27
26.5
26
25.5
25
24.5

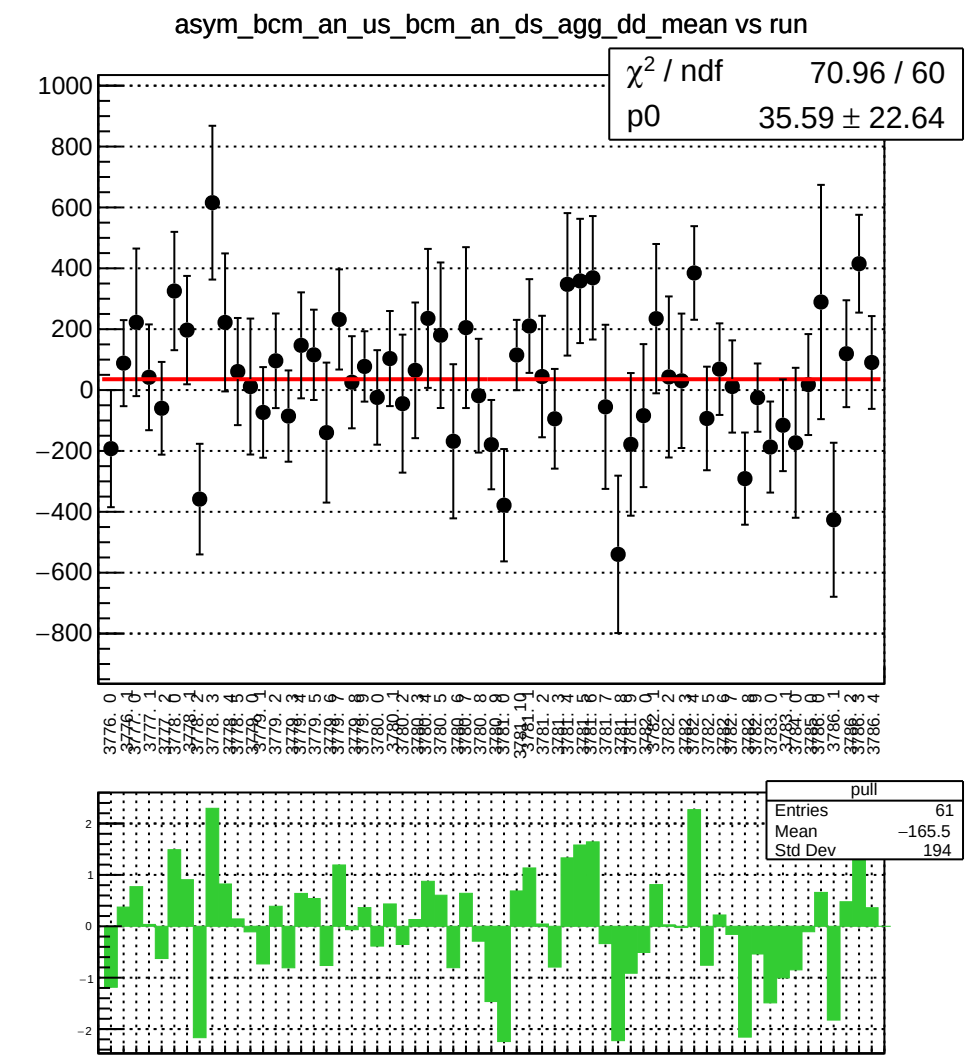

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs run
χ² / ndf 47.24 / 60
p0 38.95 ± 22.26
pull
Entries 61
Mean 60.49
Std Dev 30.11
pull1D
Entries 61
Mean 0.01343
Std Dev 0.8799

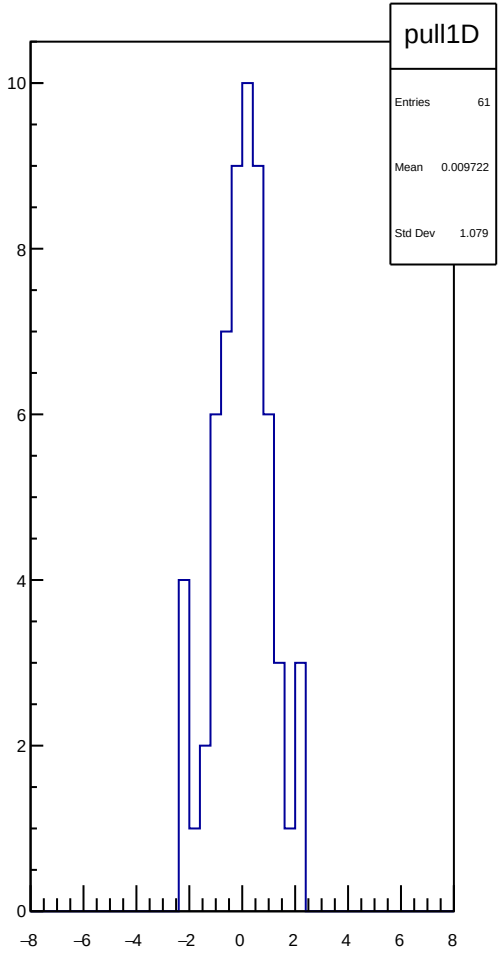

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs run
χ² / ndf 596.4 / 60
p0 17.34 ± 0.01574
18.5
18
17.5
17
16.5

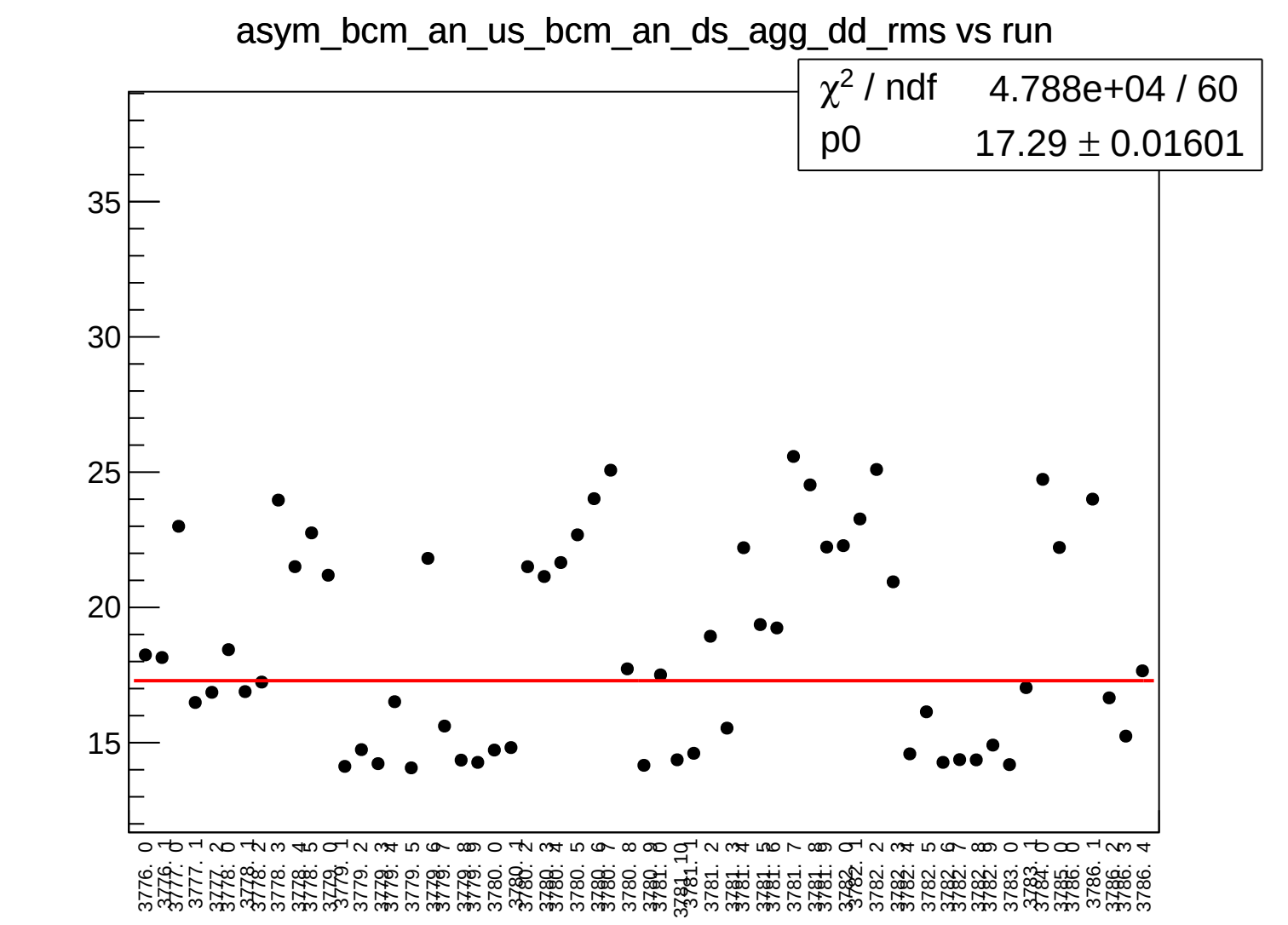

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs run
χ² / ndf 60.48 / 60
p0 7.088 ± 32.74
pull
Entries 61
Mean 249.1
Std Dev 224.2

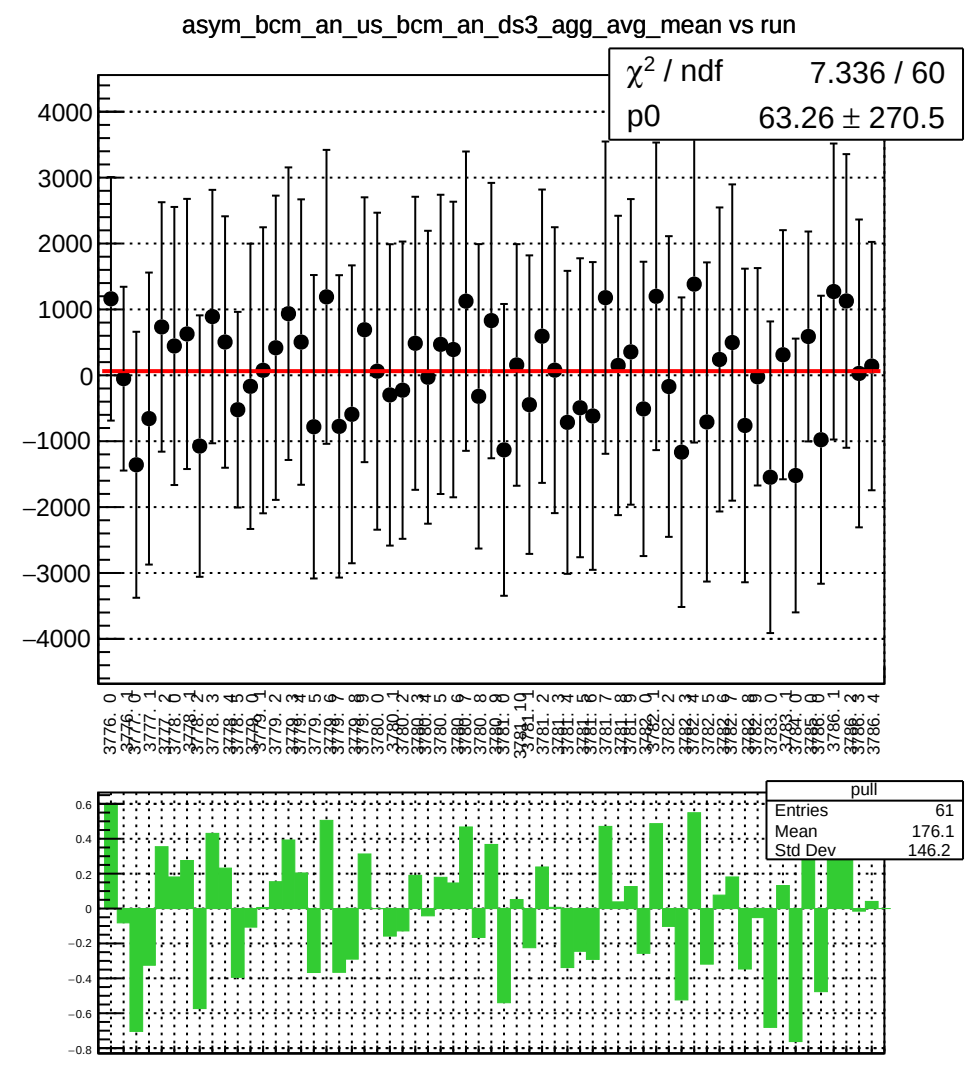

pull1D
Entries 61
Mean 0.008698
Std Dev 0.9957

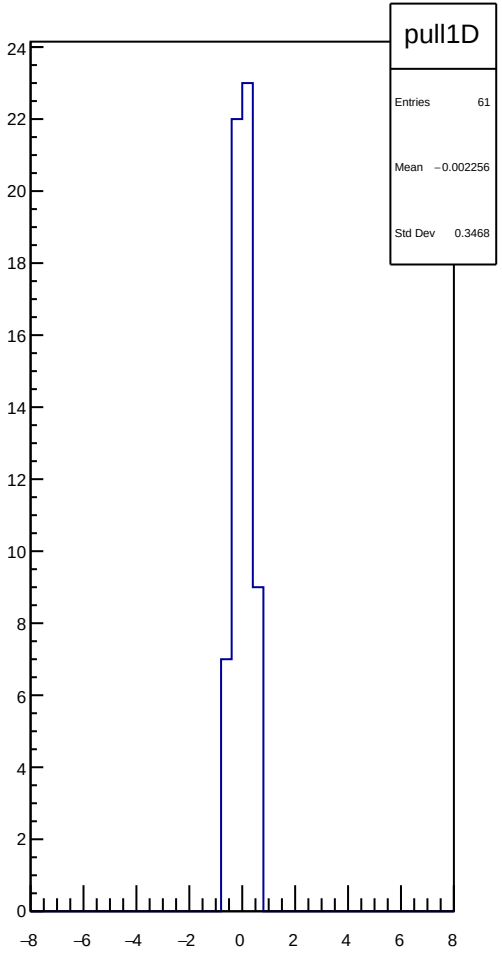

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs run
χ² / ndf 465.2 / 60
p0 25.51 ± 0.02315
27
26.5
26
25.5
25
24.5

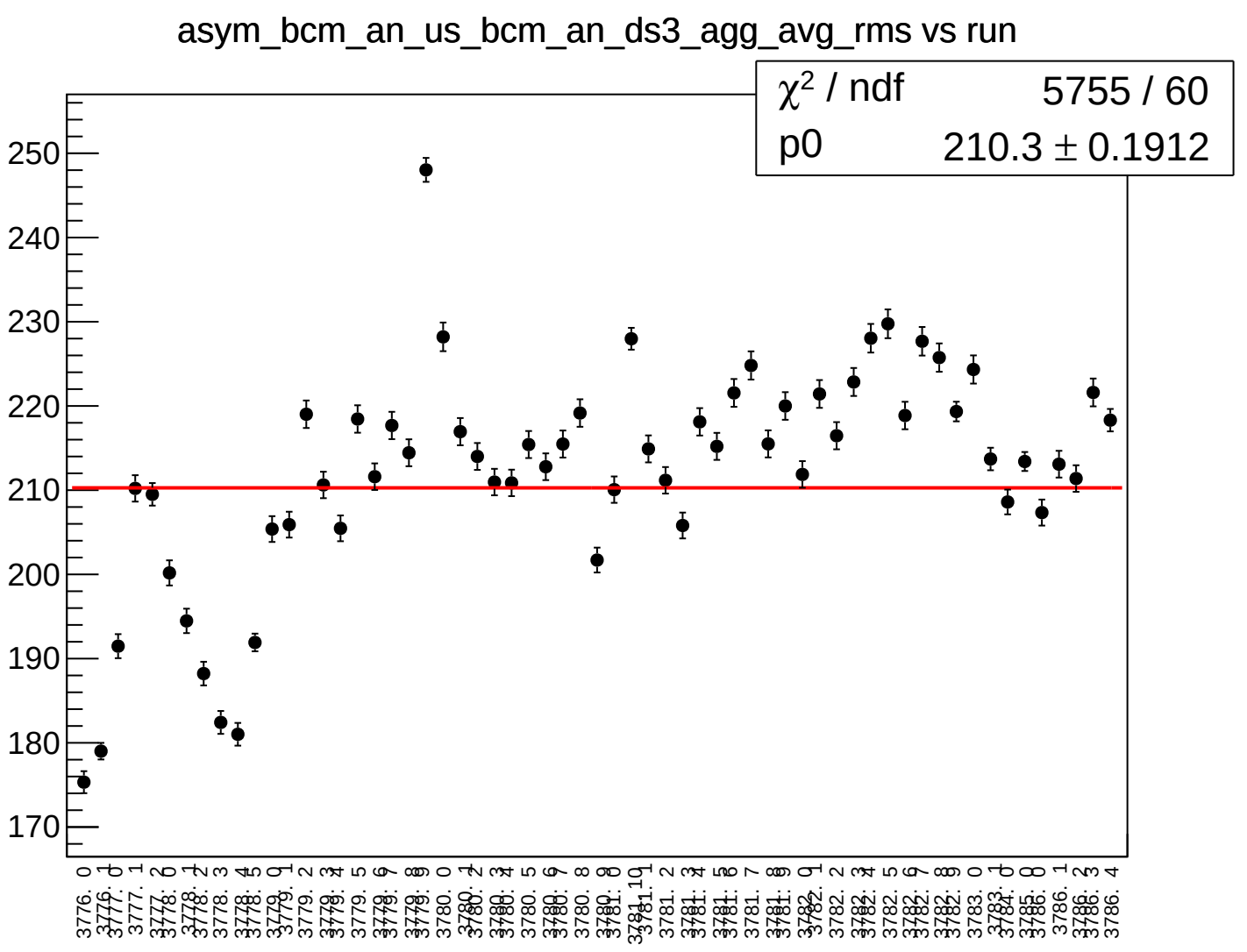

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs run
χ² / ndf 70.96 / 60
p0 35.59 ± 22.64
pull
Entries 61
Mean −165.5
Std Dev 194

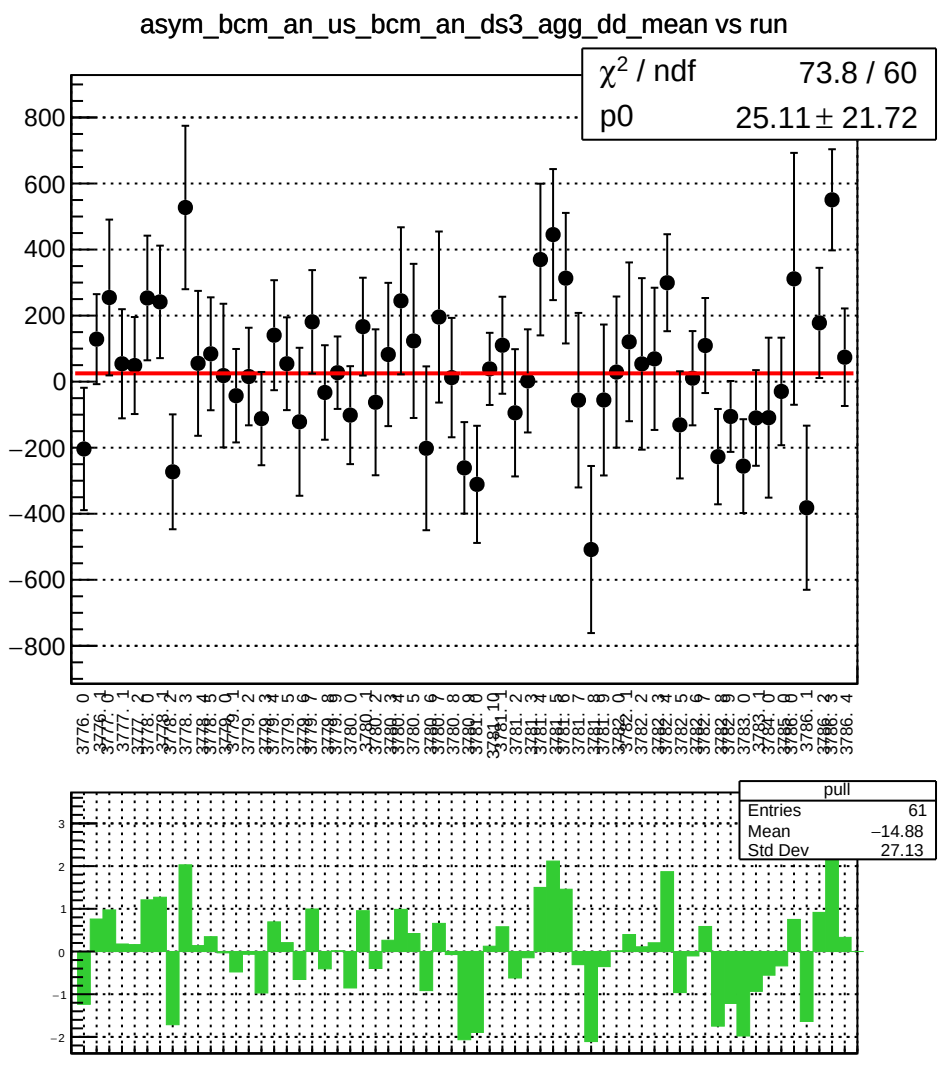

pull1D
Entries 61
Mean 0.009722
Std Dev 1.079

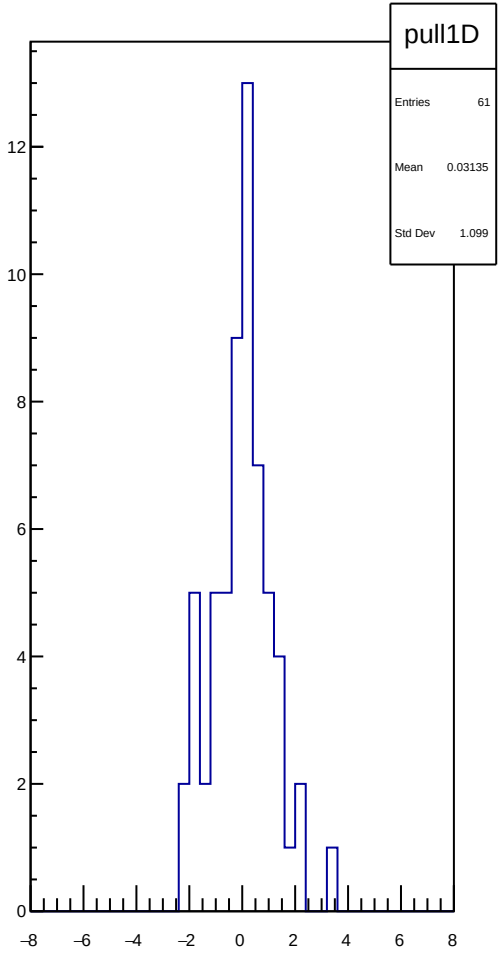

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs run
χ² / ndf 4.788e+04 / 60
p0 17.29 ± 0.01601
35
30
25
20
15

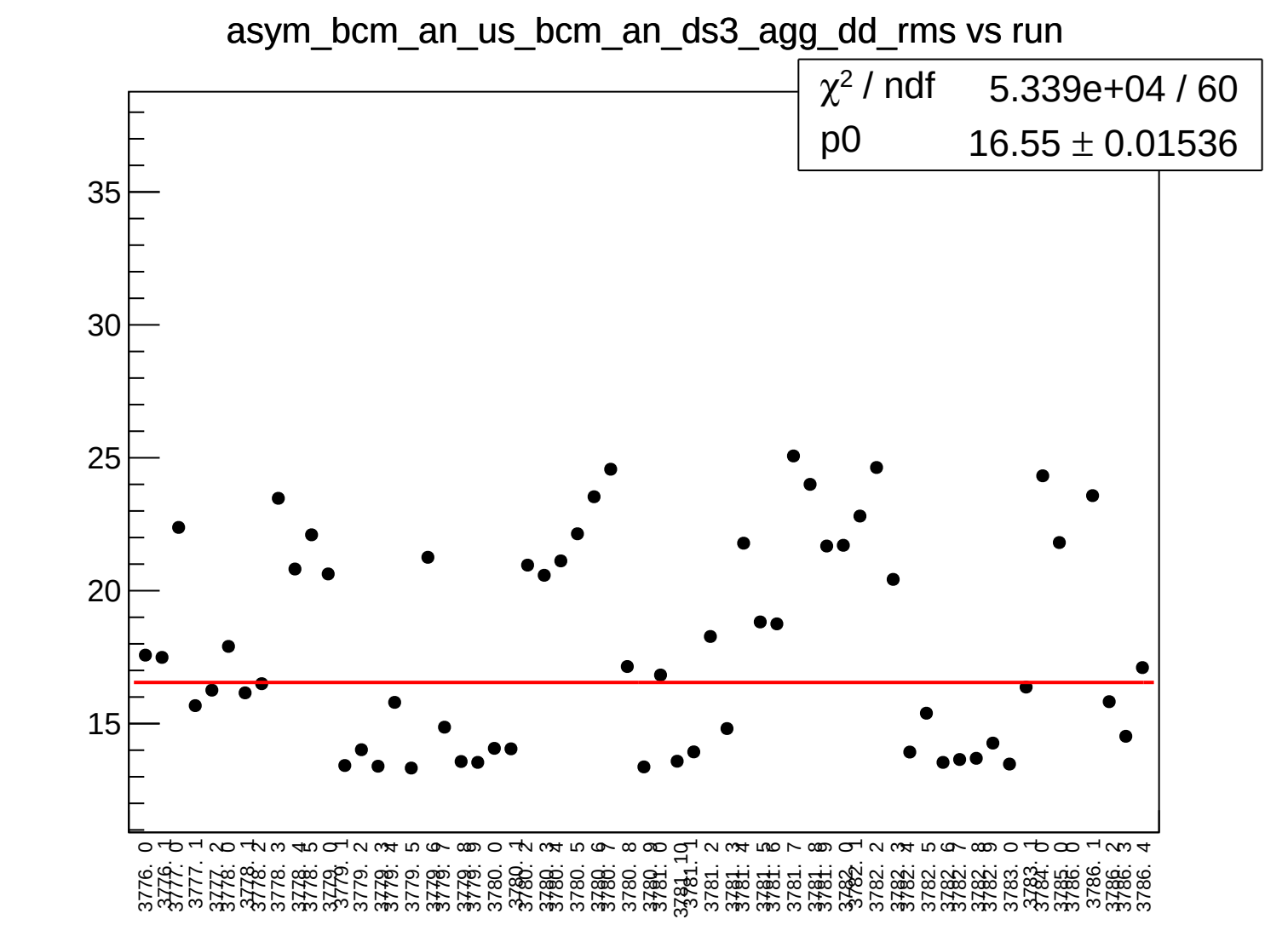

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs run
χ² / ndf 7.336 / 60
p0 63.26 ± 270.5
pull
Entries 61
Mean 176.1
Std Dev 146.2

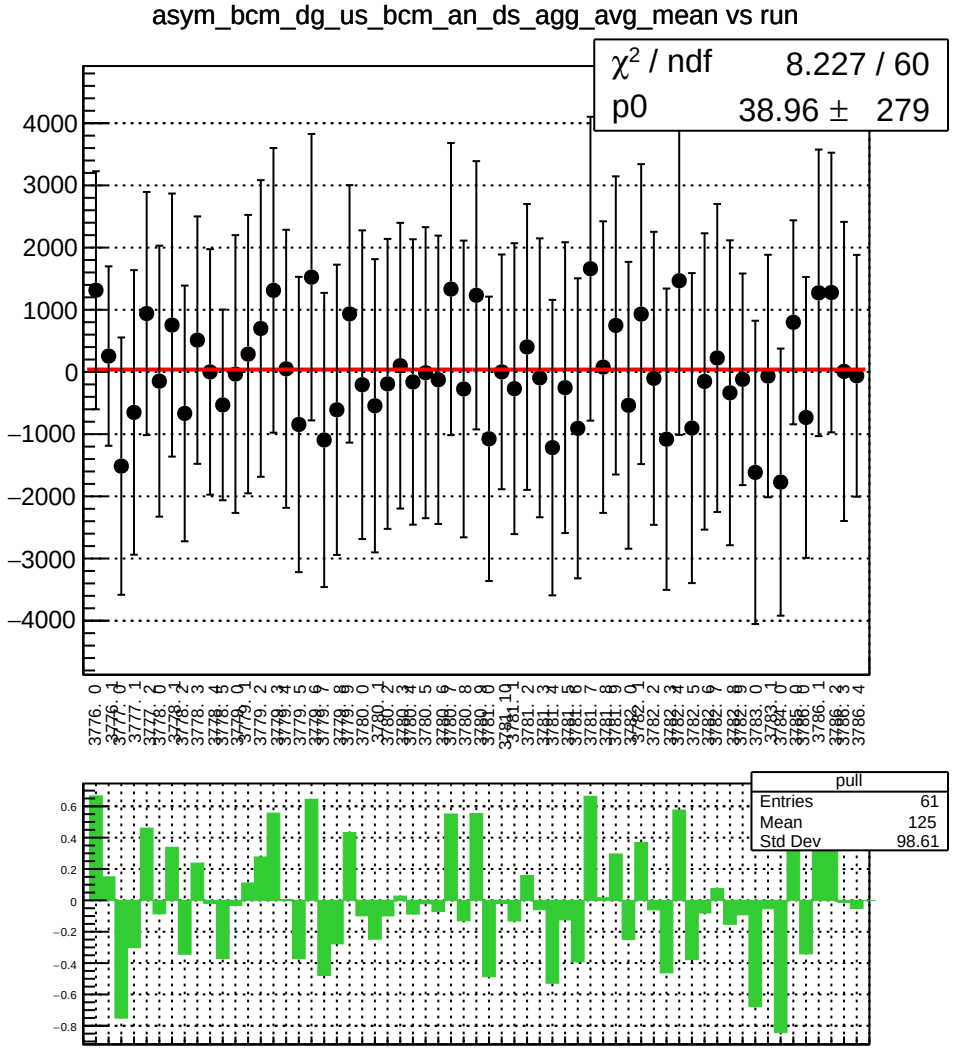

pull1D
Entries 61
Mean −0.002256
Std Dev 0.3468

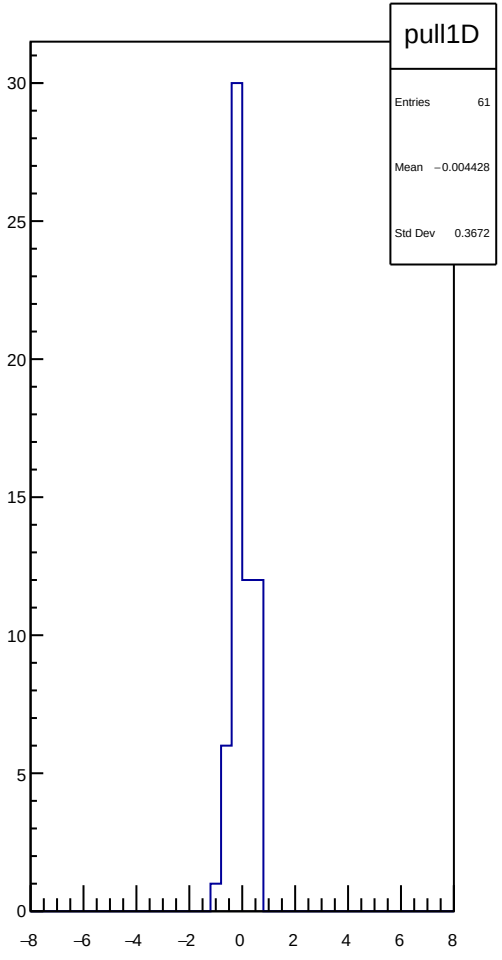

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs run
χ² / ndf 5755 / 60
p0 210.3 ± 0.1912
250
240
230
220
210
200
190
180
170

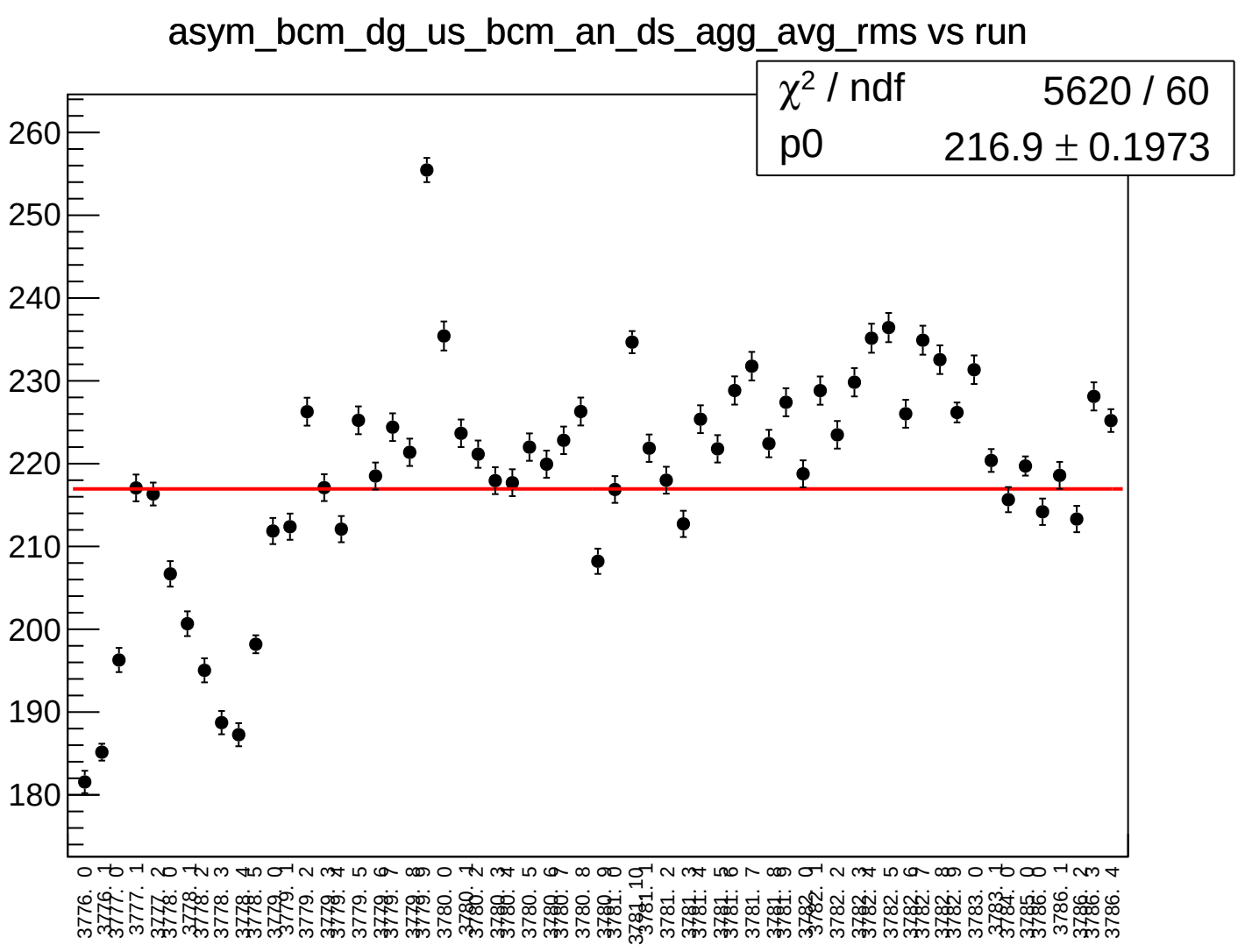

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs run
χ² / ndf 73.8 / 60
p0 25.11 ± 21.72
pull
Entries 61
Mean −14.88
Std Dev 27.13

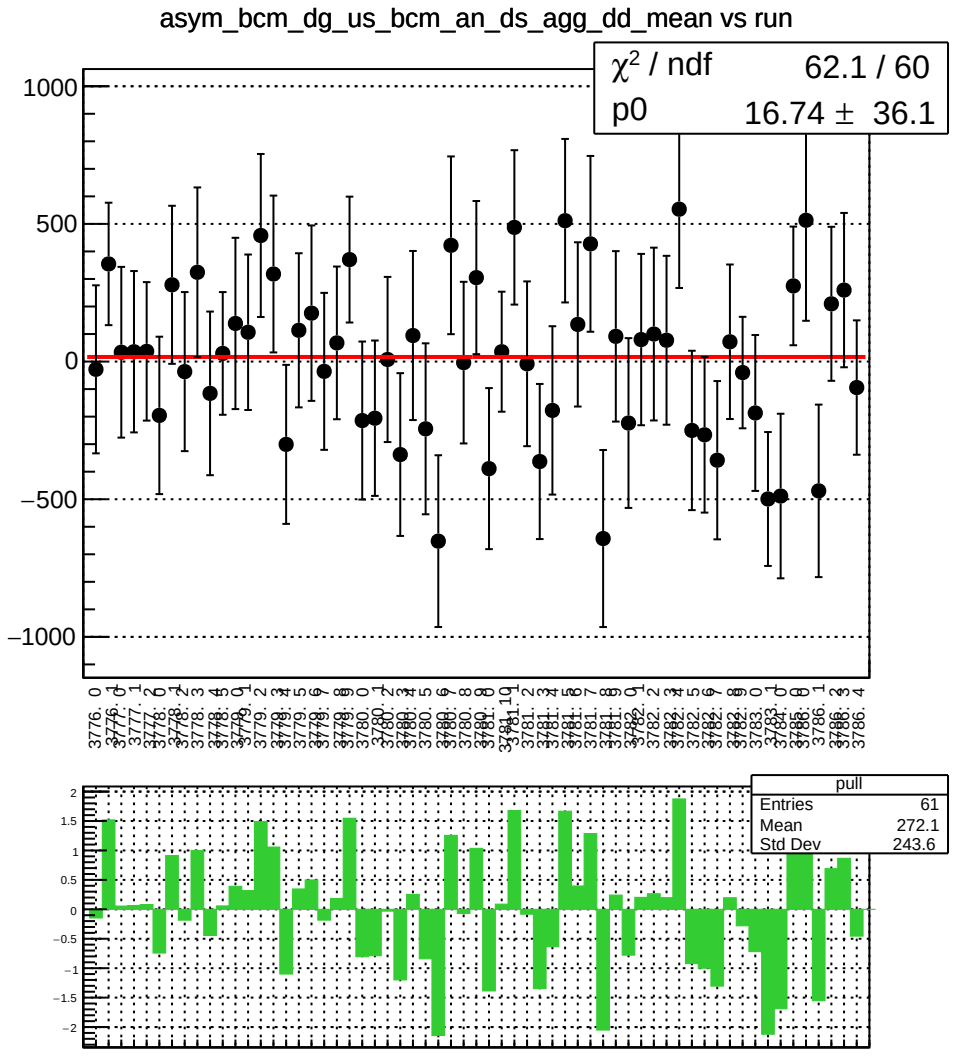

pull1D
Entries 61
Mean 0.03135
Std Dev 1.099

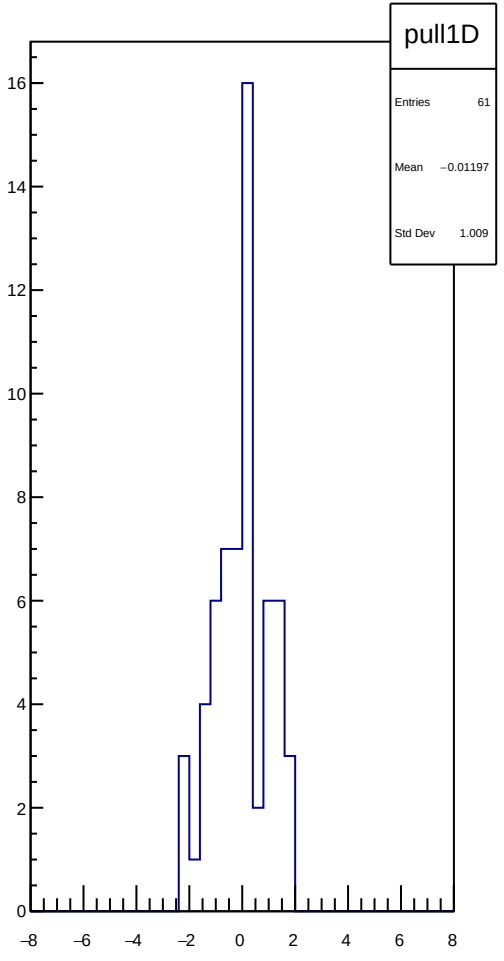

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs run
χ² / ndf 5.339e+04 / 60
p0 16.55 ± 0.01536
35
30
25
20
15

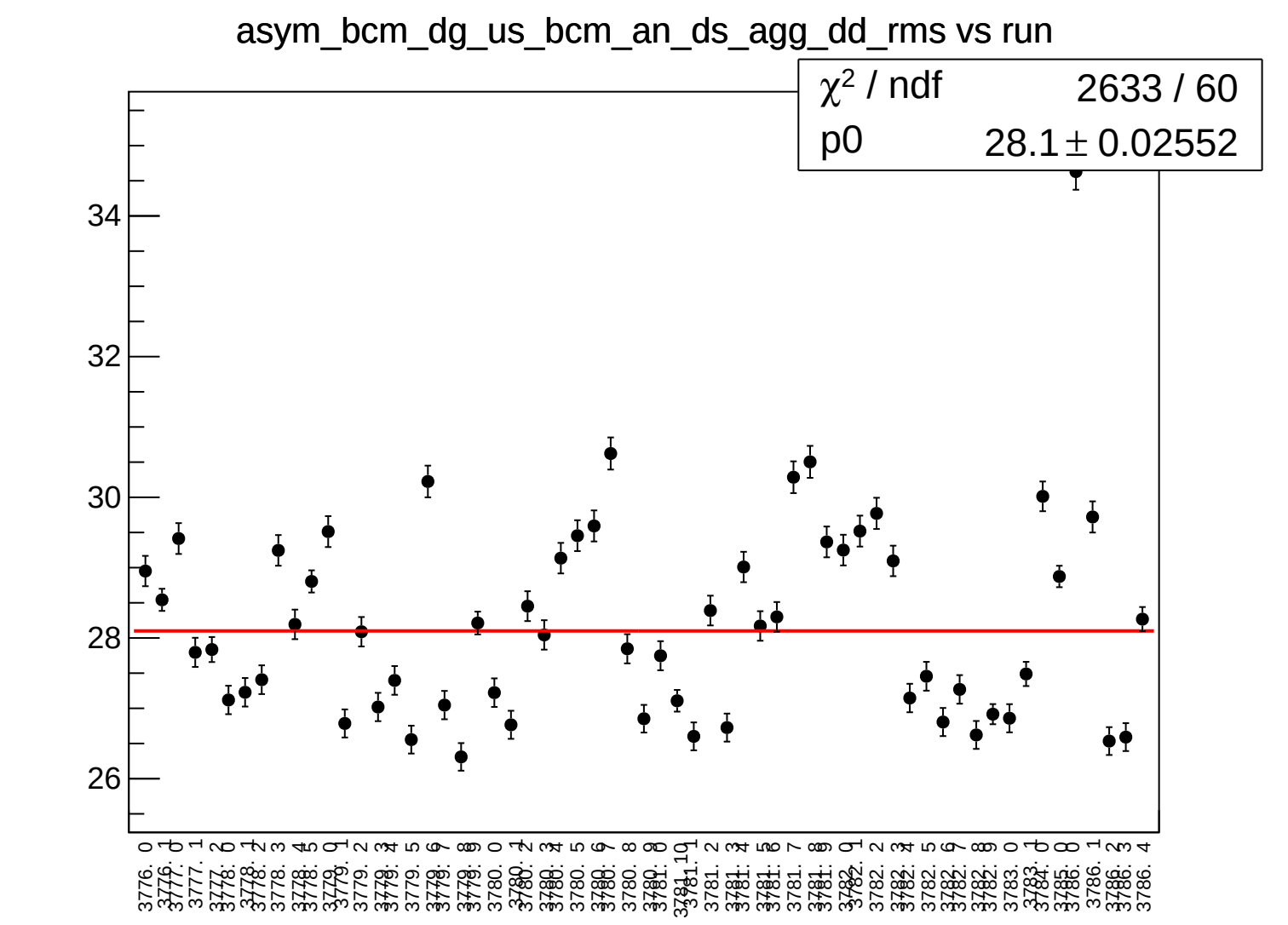

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs run
χ² / ndf 8.227 / 60
p0 38.96 ± 279
pull
Entries 61
Mean 125
Std Dev 98.61

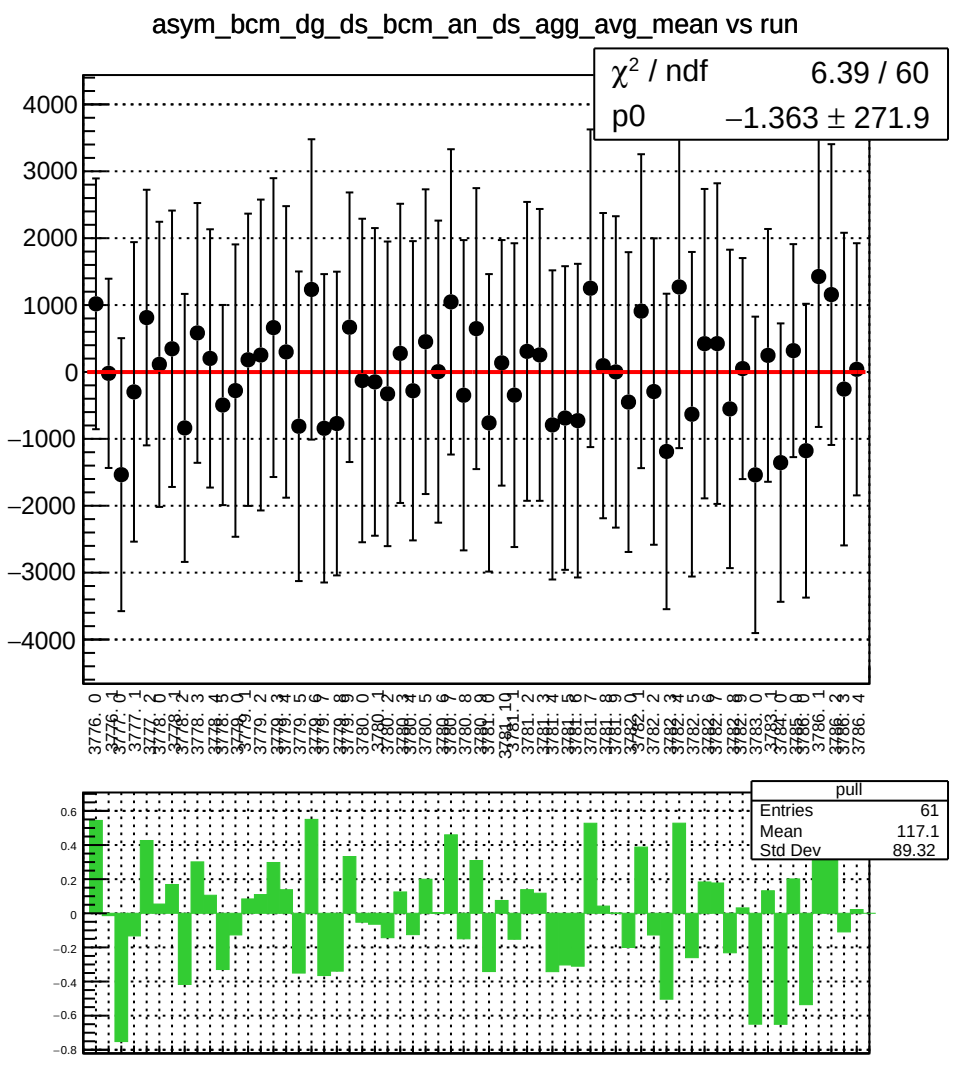

pull1D
Entries 61
Mean −0.004428
Std Dev 0.3672

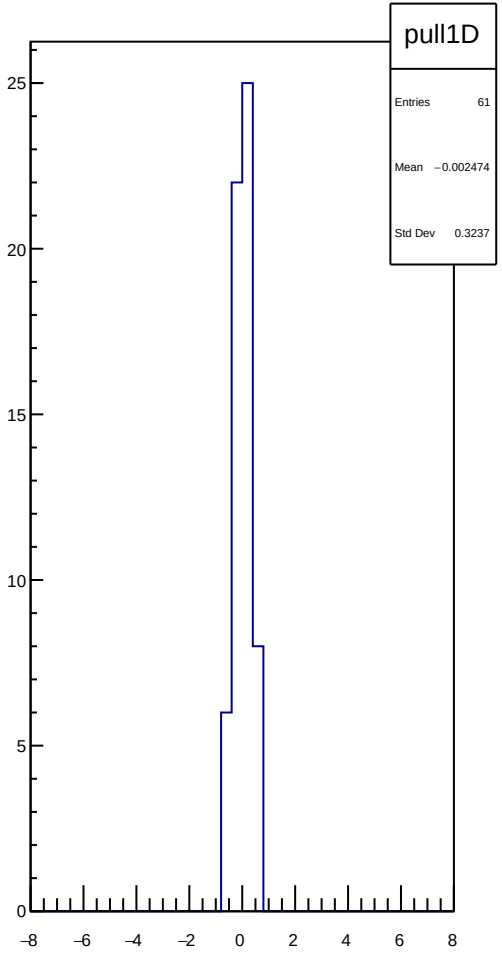

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs run
χ² / ndf 5620 / 60
p0 216.9 ± 0.1973
260
250
240
230
220
210
200
190
180
3776. 0
3776. 1
3776. 2
3776. 3
3776. 4
3776. 5
3776. 6
3776. 7
3776. 8
3776. 9
3777. 0
3777. 1
3777. 2
3777. 3
3777. 4
3777. 5
3777. 6
3777. 7
3777. 8
3777. 9
3778. 0
3778. 1
3778. 2
3778. 3
3778. 4
3778. 5
3778. 6
3778. 7
3778. 8
3778. 9
3779. 0
3779. 1
3779. 2
3779. 3
3779. 4
3779. 5
3779. 6
3779. 7
3779. 8
3779. 9
3780. 0
3780. 1
3780. 2
3780. 3
3780. 4
3780. 5
3780. 6
3780. 7
3780. 8
3780. 9
3781. 0
3781. 1
3781. 2
3781. 3
3781. 4
3781. 5
3781. 6
3781. 7
3781. 8
3781. 9
3782. 0
3782. 1
3782. 2
3782. 3
3782. 4
3782. 5
3782. 6
3782. 7
3782. 8
3782. 9
3783. 0
3783. 1
3784. 0
3785. 0
3786. 1
3786. 2
3786. 3
3786. 4

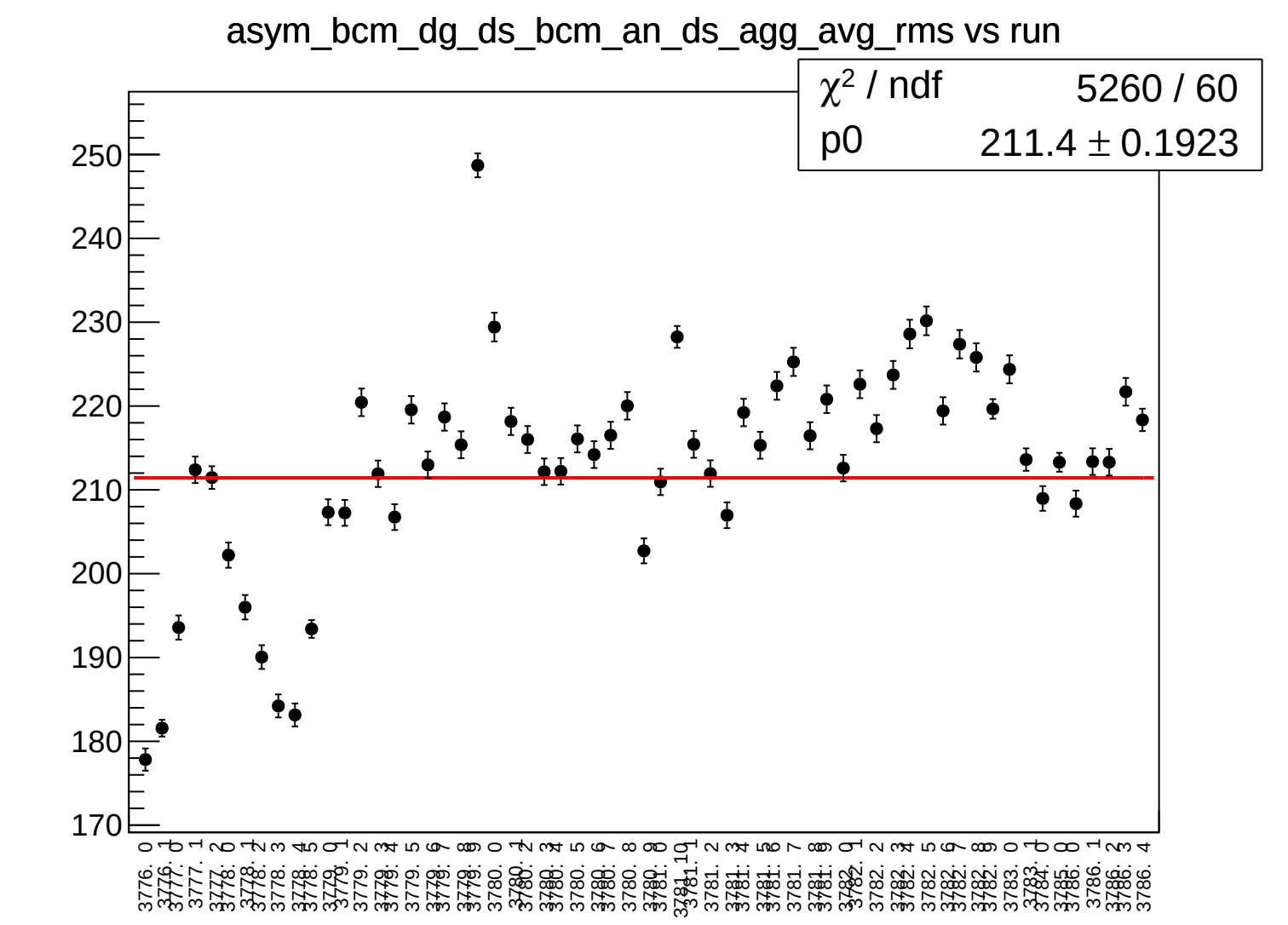

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs run
χ² / ndf 62.1 / 60
p0 16.74 ± 36.1
1000
500
0
−500
−1000
pull
Entries 61
Mean 272.1
Std Dev 243.6
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

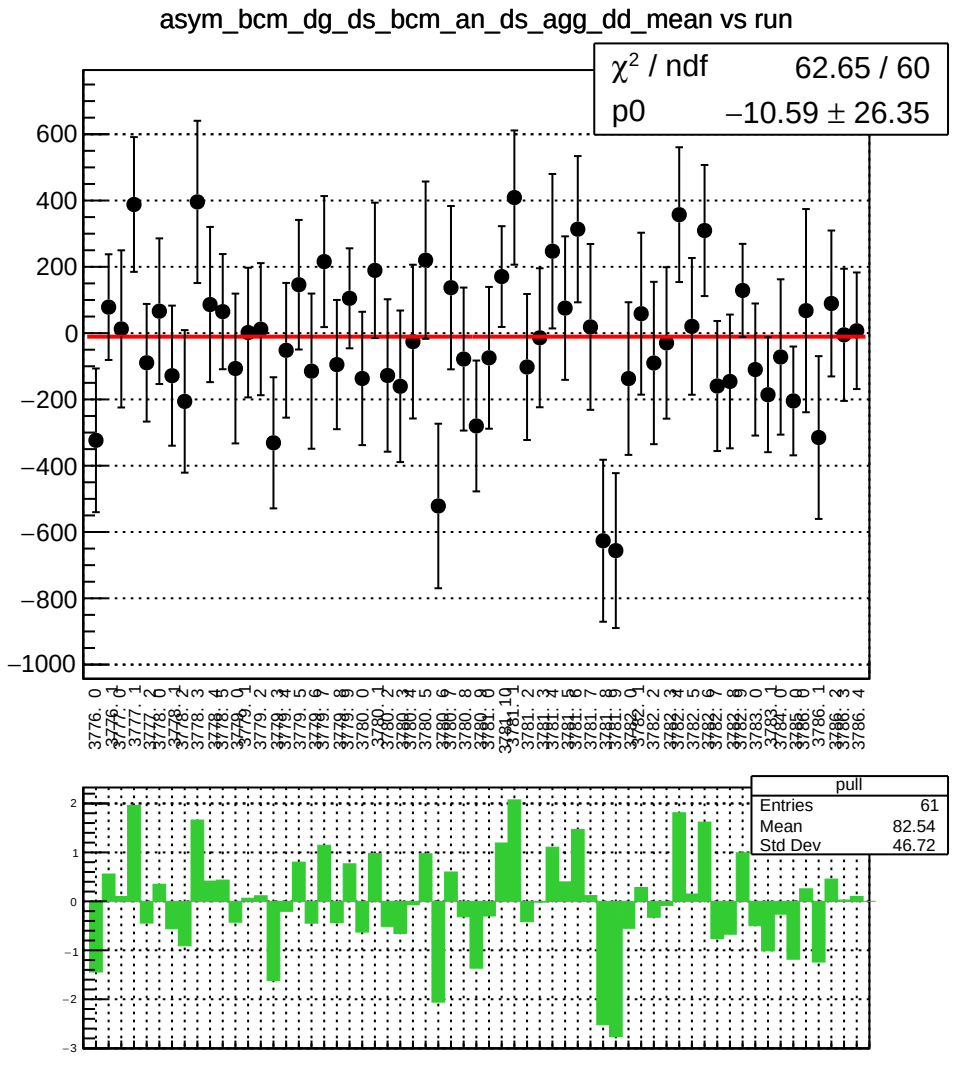

pull1D
Entries 61
Mean −0.01197
Std Dev 1.009
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

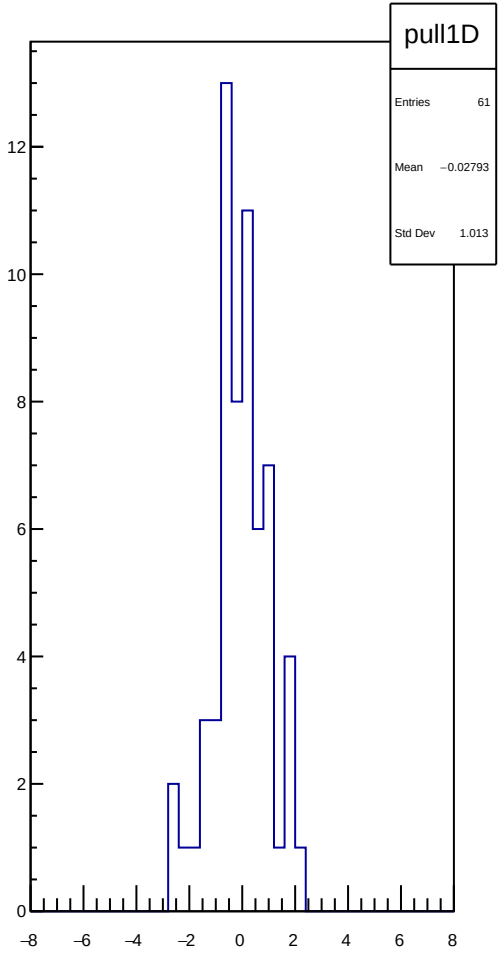

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs run
χ² / ndf 2633 / 60
p0 28.1 ± 0.02552
34
32
30
28
26

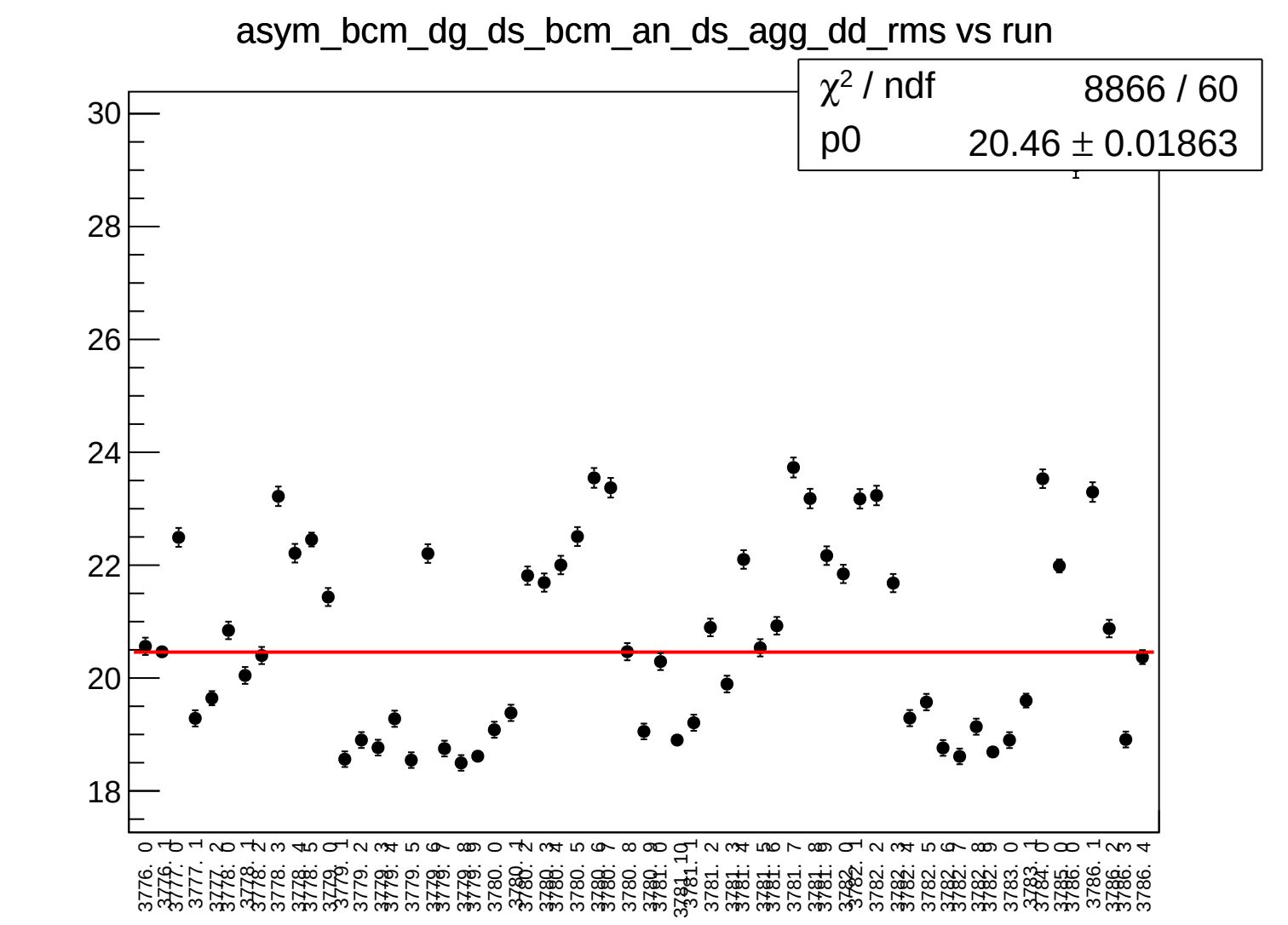

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs run
χ² / ndf 6.39 / 60
p0 −1.363 ± 271.9
pull
Entries 61
Mean 117.1
Std Dev 89.32

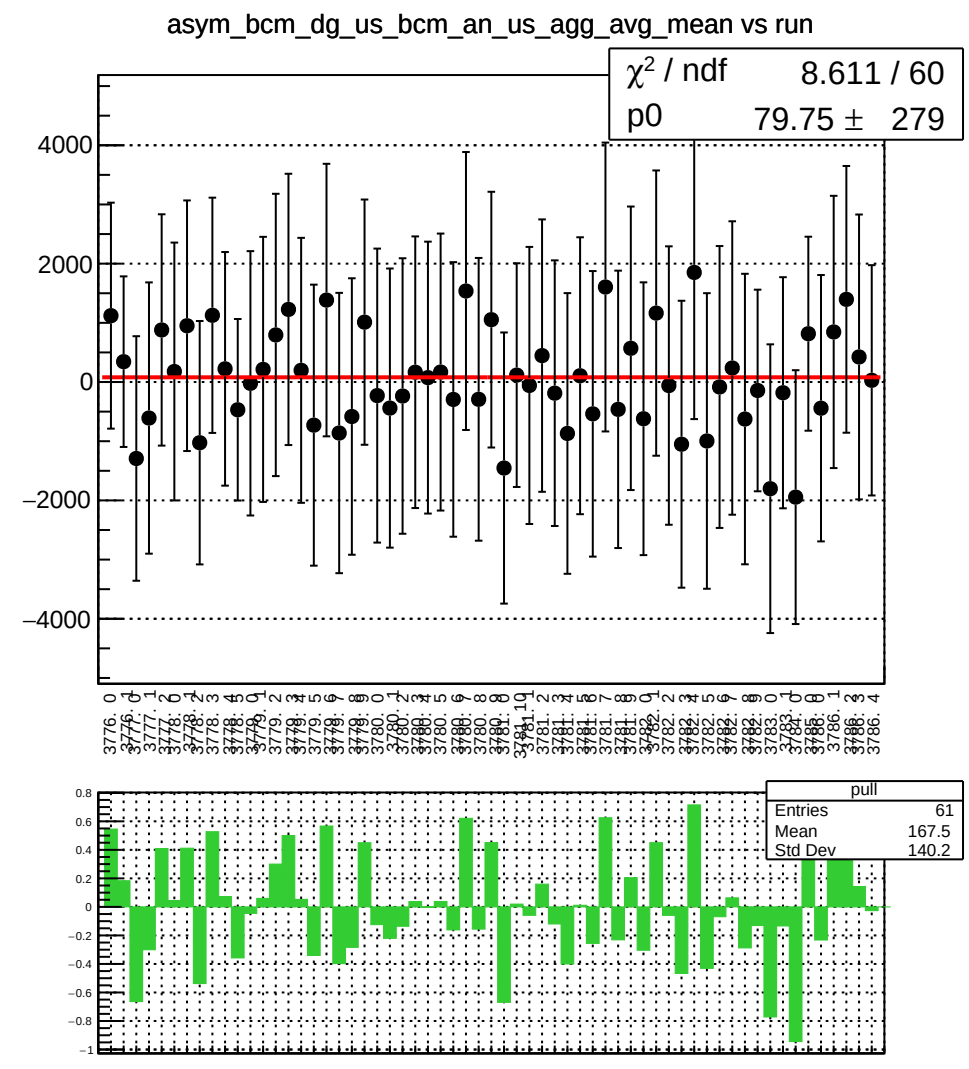

pull1D
Entries 61
Mean −0.002474
Std Dev 0.3237

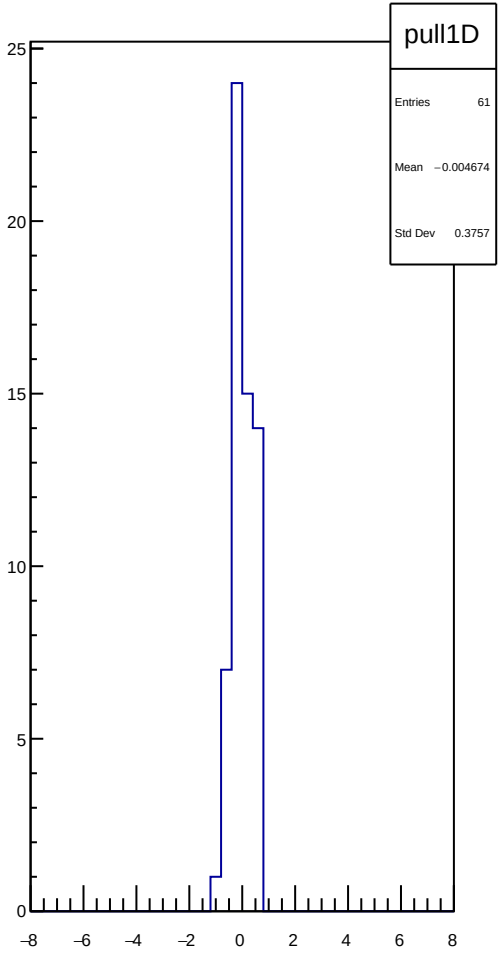

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs run
χ² / ndf 5260 / 60
p0 211.4 ± 0.1923
250
240
230
220
210
200
190
180
170

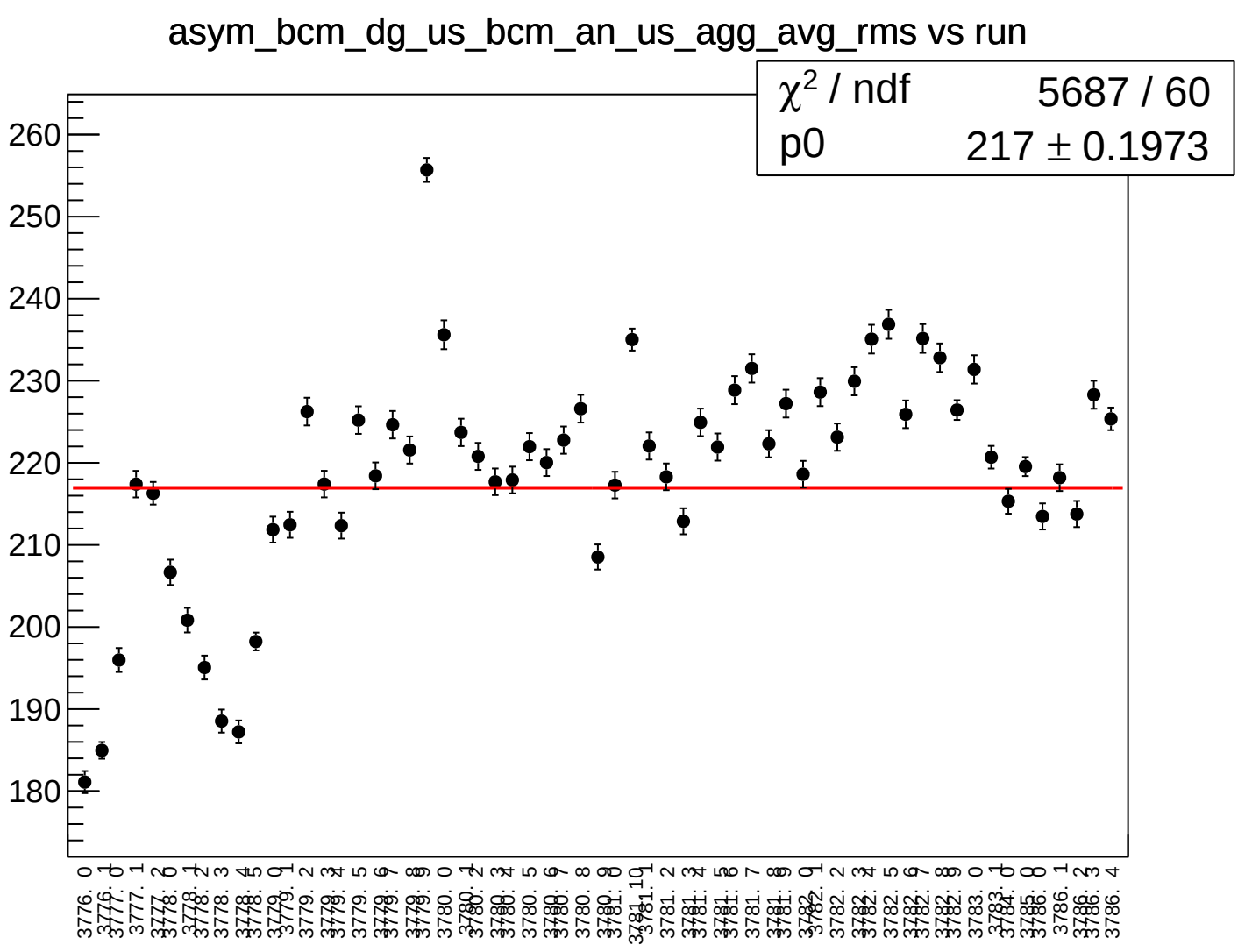

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs run
χ² / ndf 62.65 / 60
p0 −10.59 ± 26.35
pull
Entries 61
Mean 82.54
Std Dev 46.72

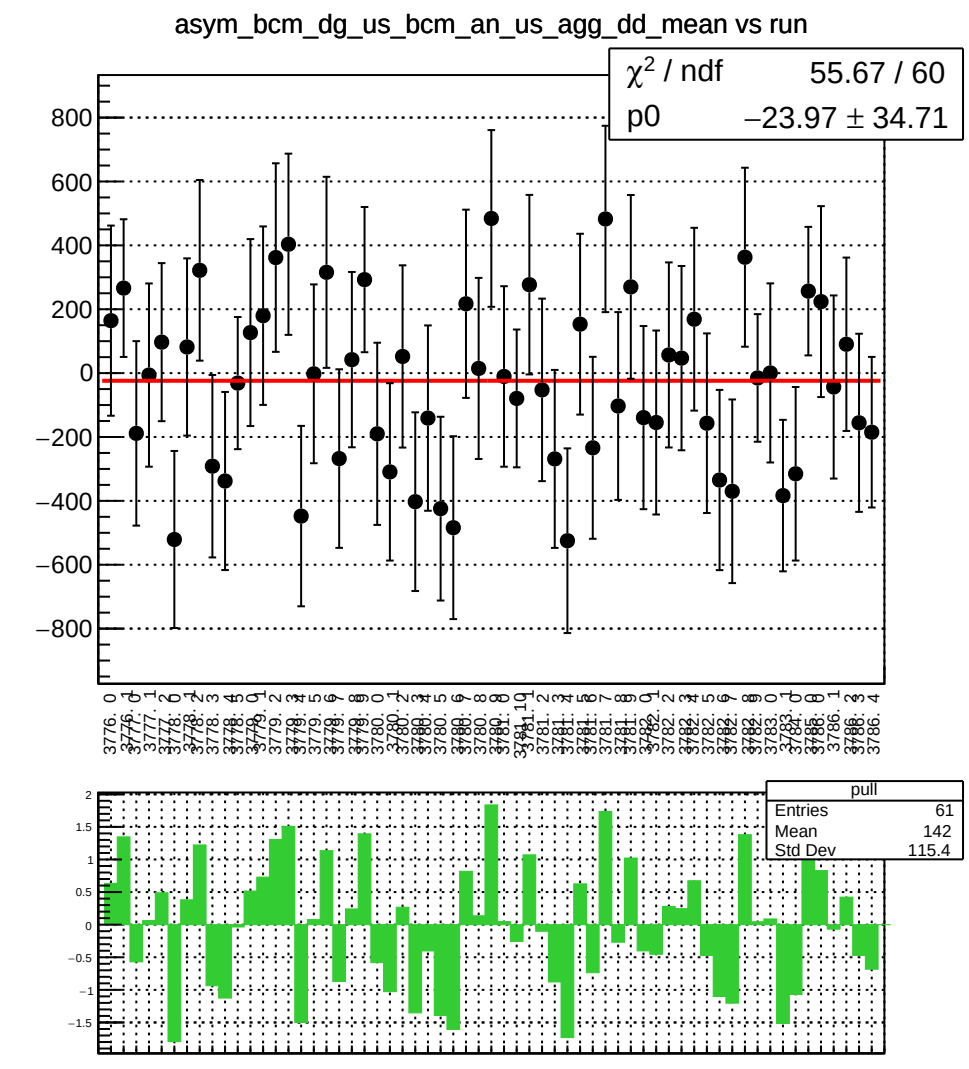

pull1D
Entries 61
Mean −0.02793
Std Dev 1.013

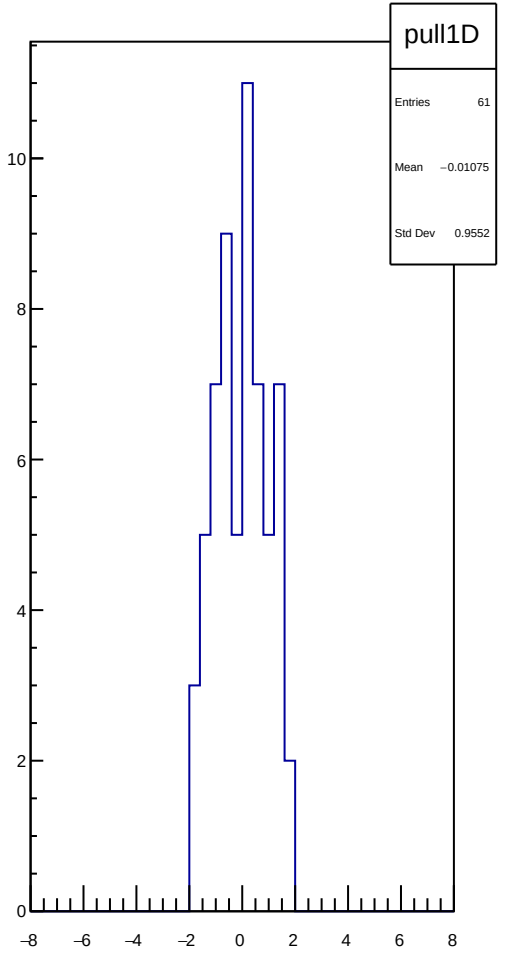

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs run
χ² / ndf 8866 / 60
p0 20.46 ± 0.01863
30
28
26
24
22
20
18

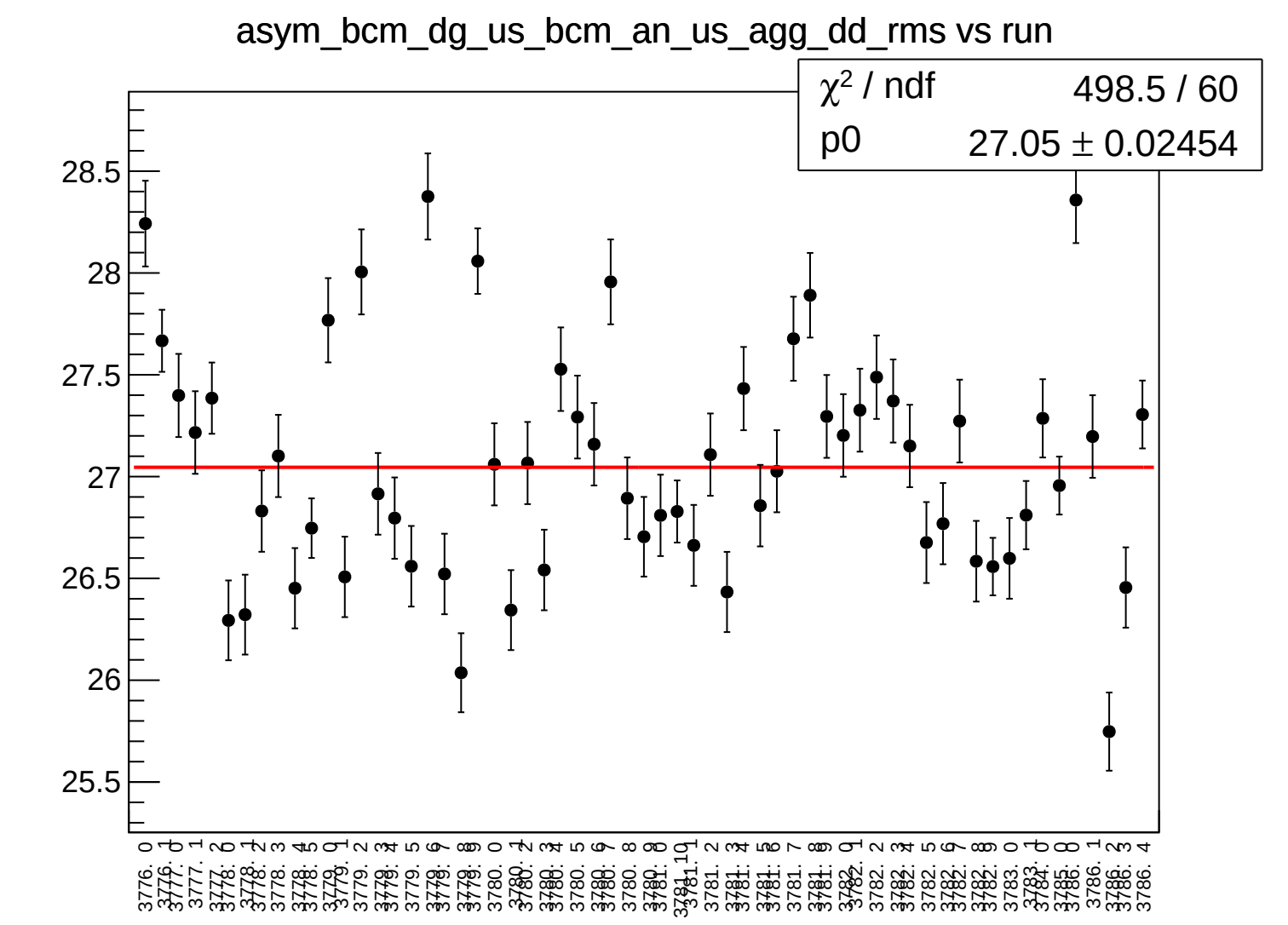

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs run
χ² / ndf 8.611 / 60
p0 79.75 ± 279
pull
Entries 61
Mean 167.5
Std Dev 140.2

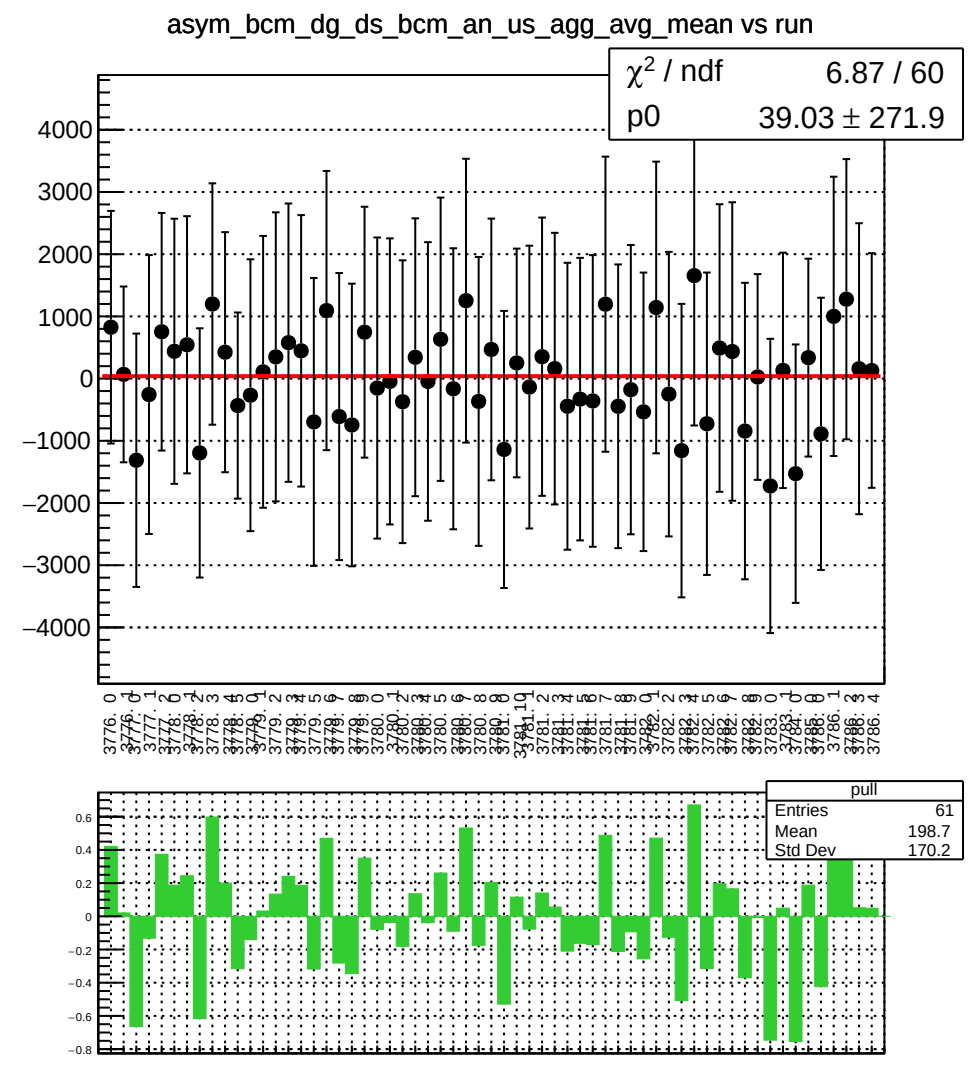

pull1D
Entries 61
Mean −0.004674
Std Dev 0.3757

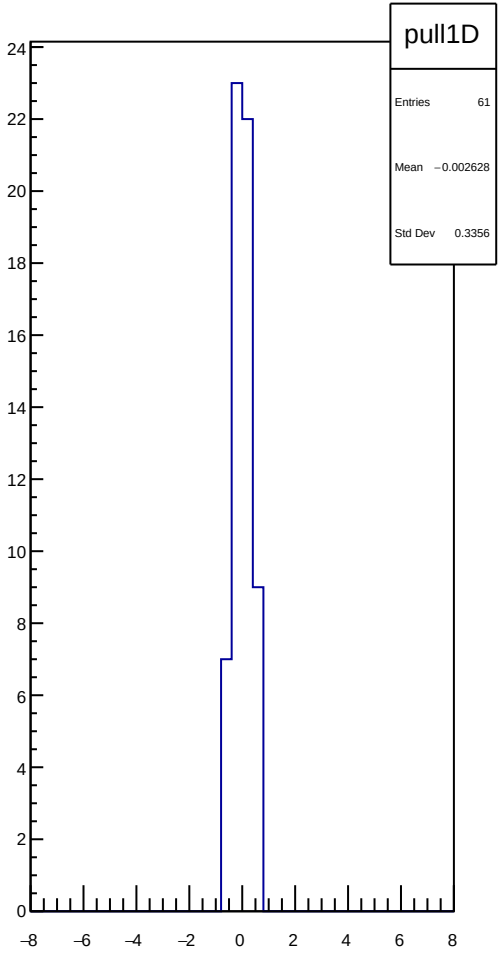

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs run
χ² / ndf 5687 / 60
p0 217 ± 0.1973
260
250
240
230
220
210
200
190
180
3776. 0
3776. 1
3776. 2
3776. 3
3776. 4
3776. 5
3776. 6
3776. 7
3776. 8
3776. 9
3777. 0
3777. 1
3777. 2
3777. 3
3777. 4
3777. 5
3777. 6
3777. 7
3777. 8
3777. 9
3778. 0
3778. 1
3778. 2
3778. 3
3778. 4
3778. 5
3778. 6
3778. 7
3778. 8
3778. 9
3779. 0
3779. 1
3779. 2
3779. 3
3779. 4
3779. 5
3779. 6
3779. 7
3779. 8
3779. 9
3780. 0
3780. 1
3780. 2
3780. 3
3780. 4
3780. 5
3780. 6
3780. 7
3780. 8
3780. 9
3781. 0
3781. 1
3781. 2
3781. 3
3781. 4
3781. 5
3781. 6
3781. 7
3781. 8
3781. 9
3782. 0
3782. 1
3782. 2
3782. 3
3782. 4
3782. 5
3782. 6
3782. 7
3782. 8
3782. 9
3783. 0
3783. 1
3784. 0
3785. 0
3786. 1
3786. 2
3786. 3
3786. 4

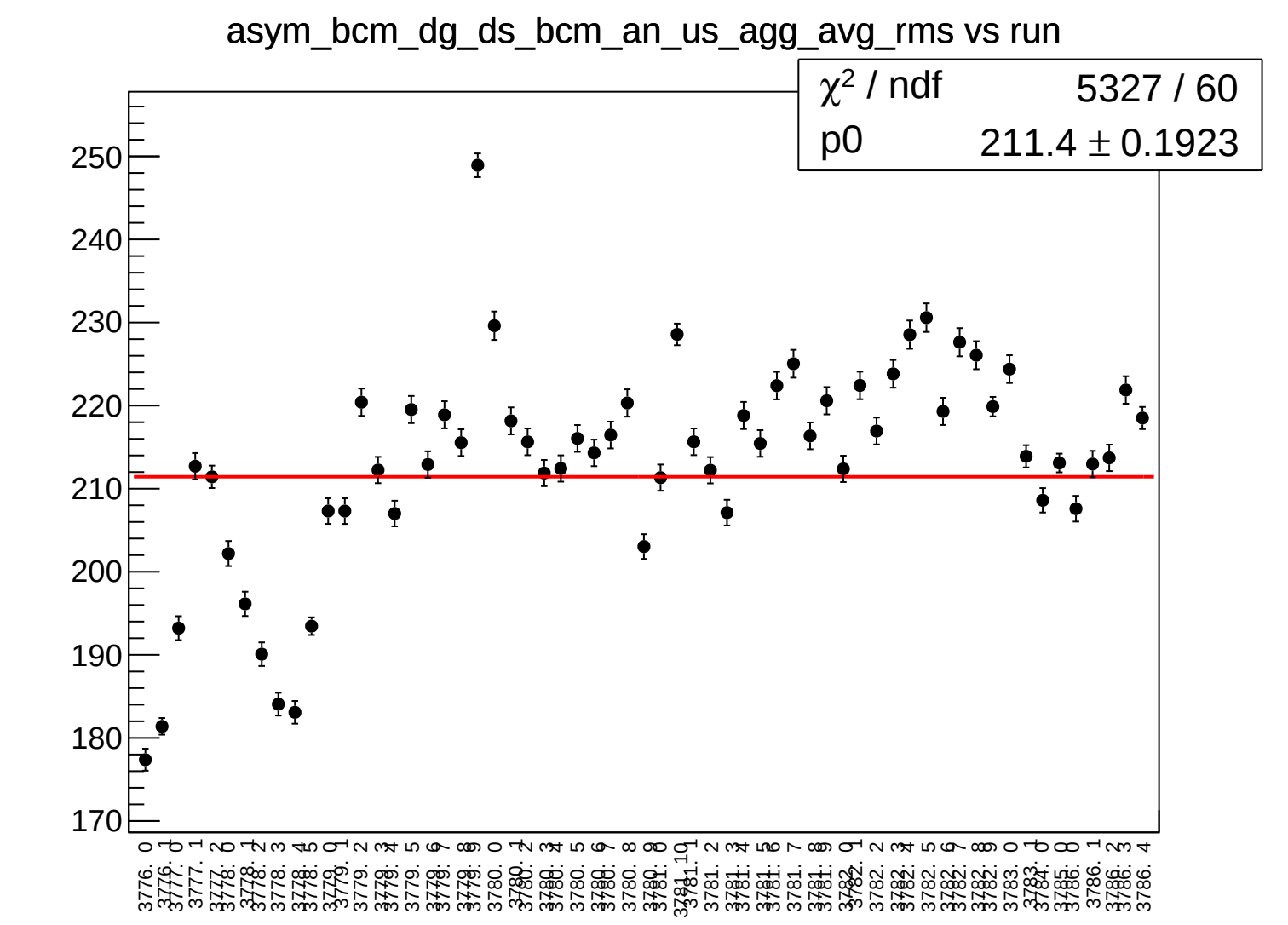

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs run
χ² / ndf 55.67 / 60
p0 −23.97 ± 34.71
pull
Entries 61
Mean 142
Std Dev 115.4

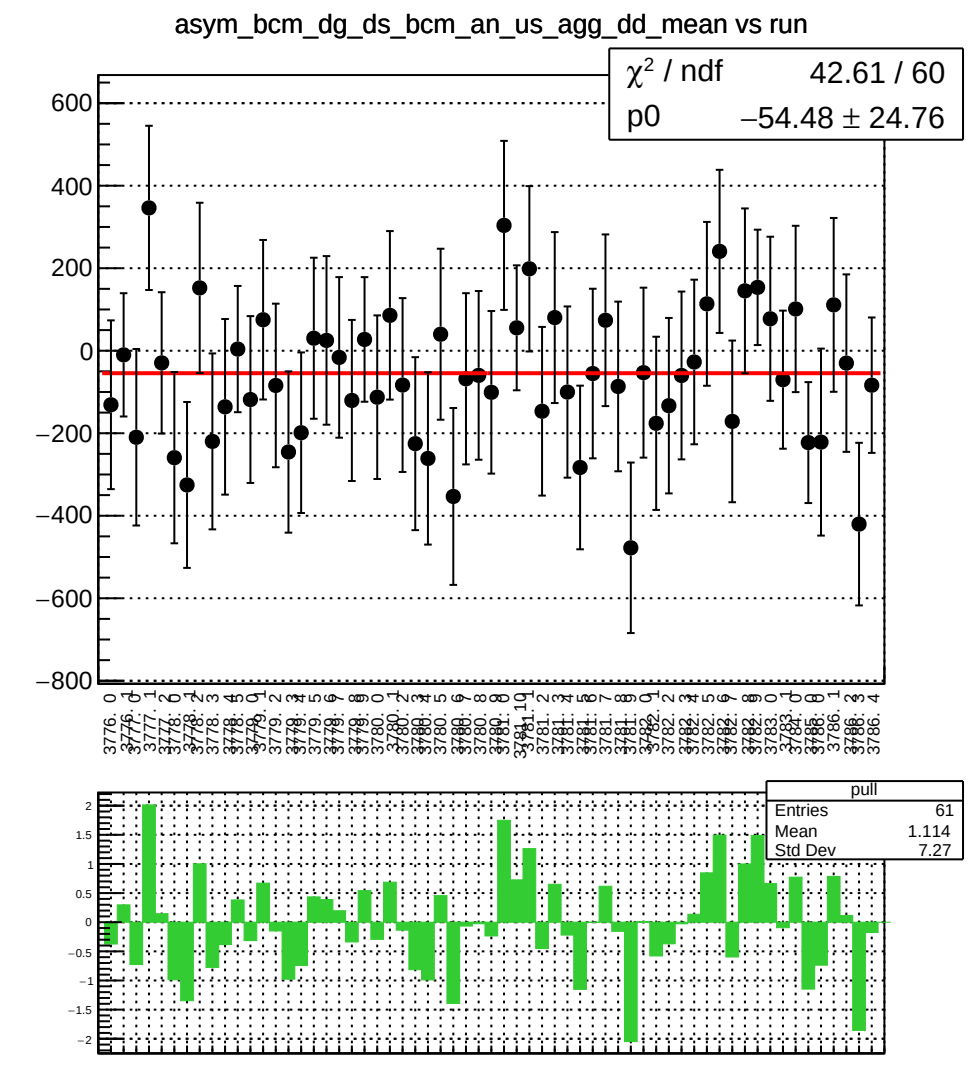

pull1D
Entries 61
Mean −0.01075
Std Dev 0.9552

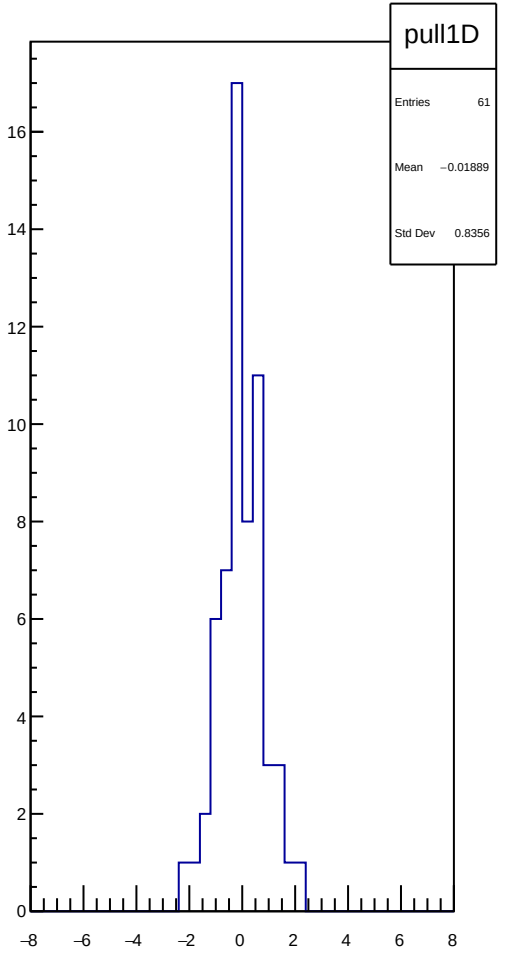

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs run
χ² / ndf 498.5 / 60
p0 27.05 ± 0.02454
28.5
28
27.5
27
26.5
26
25.5

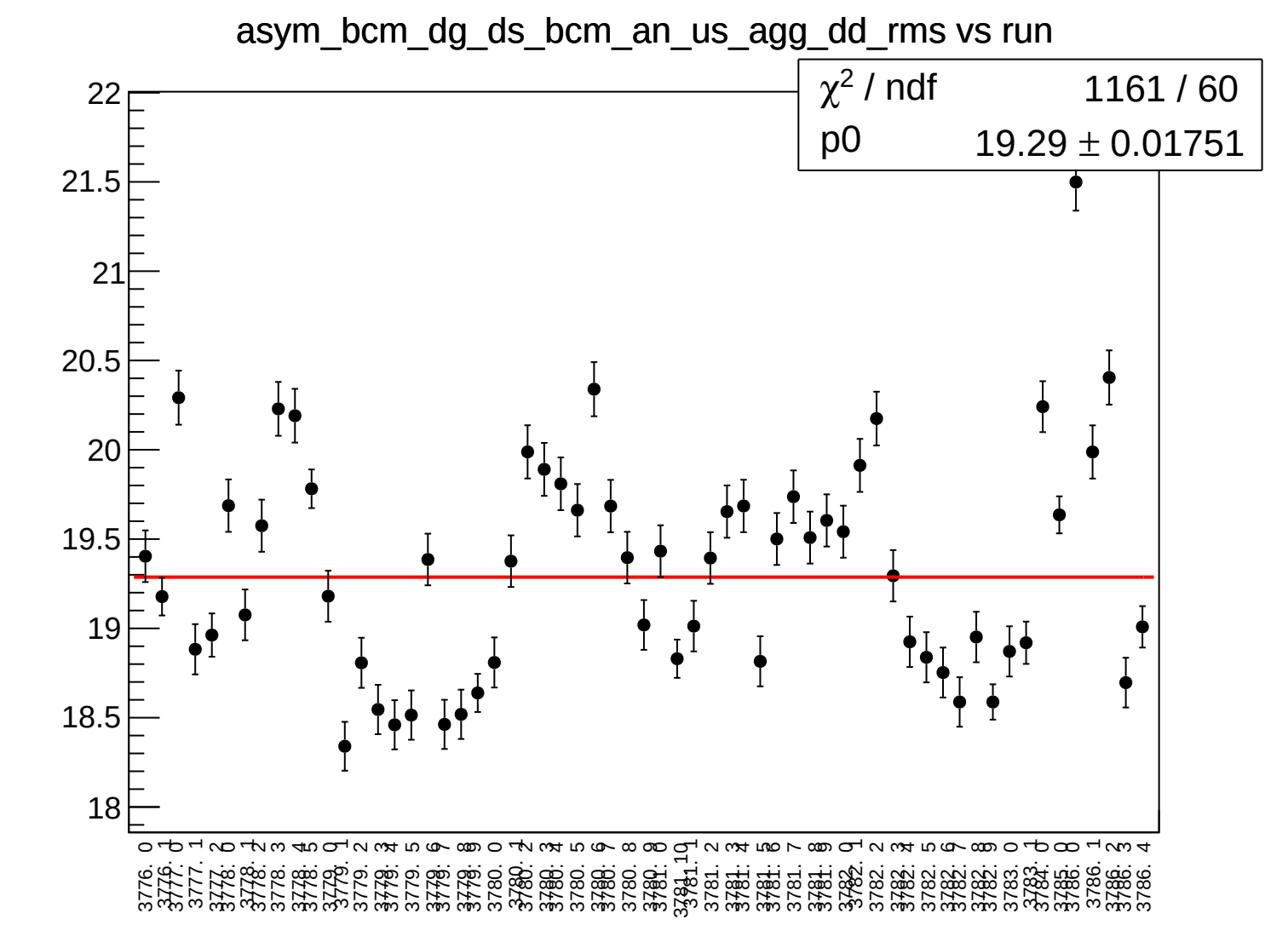

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs run
χ² / ndf 6.87 / 60
p0 39.03 ± 271.9
pull
Entries 61
Mean 198.7
Std Dev 170.2

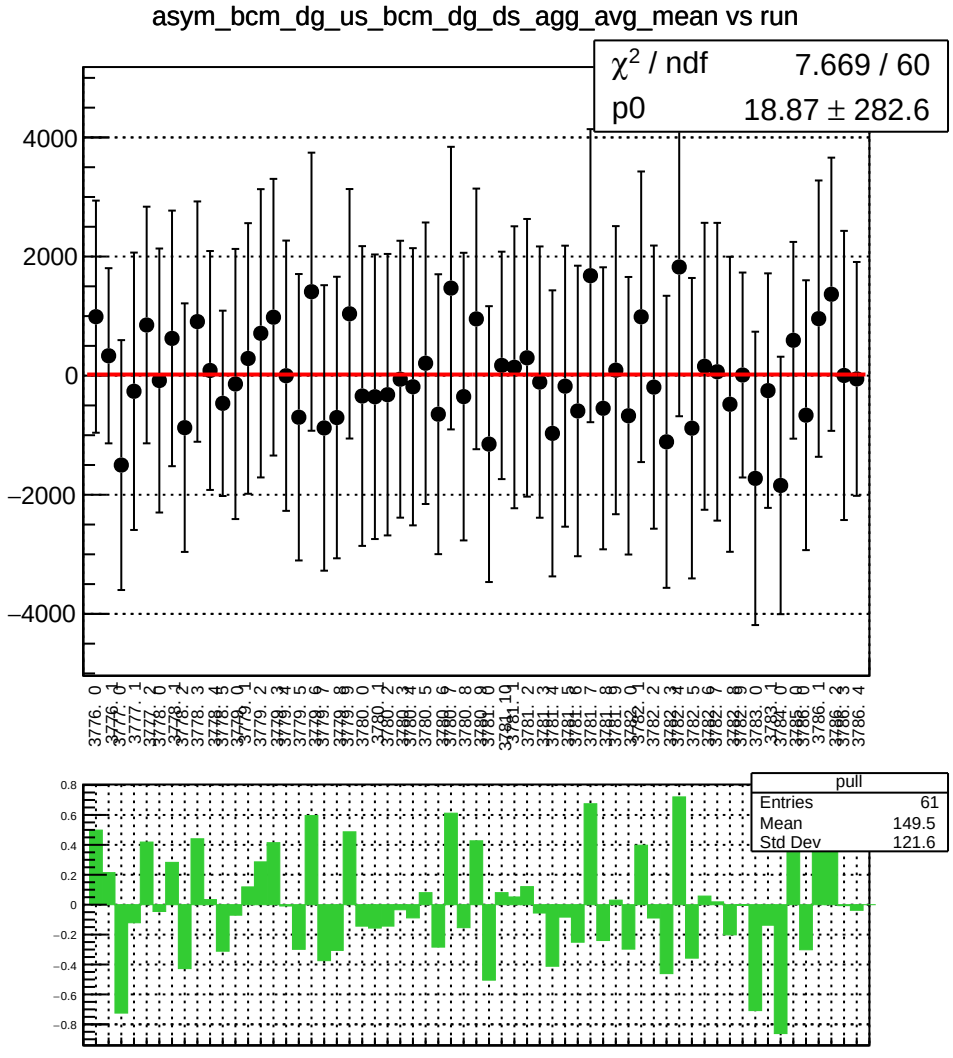

pull1D
Entries 61
Mean −0.002628
Std Dev 0.3356

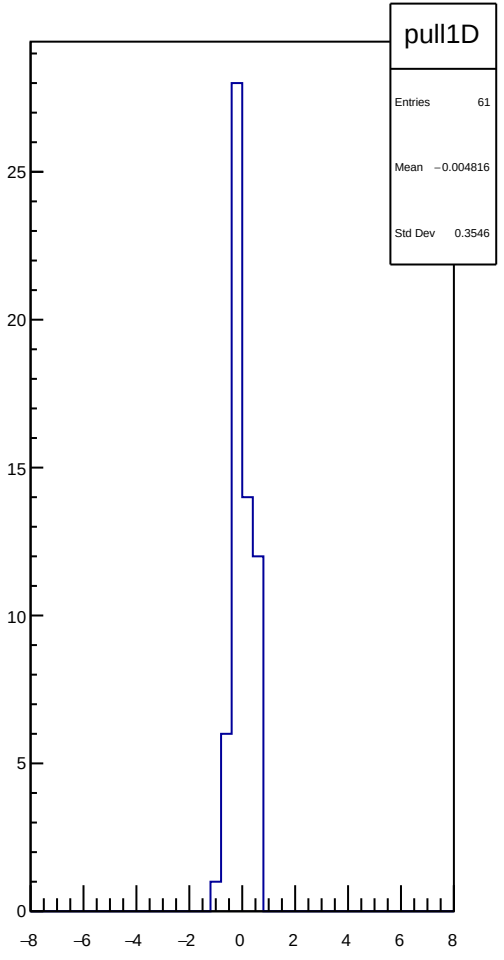

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs run
χ² / ndf 5327 / 60
p0 211.4 ± 0.1923
250
240
230
220
210
200
190
180
170

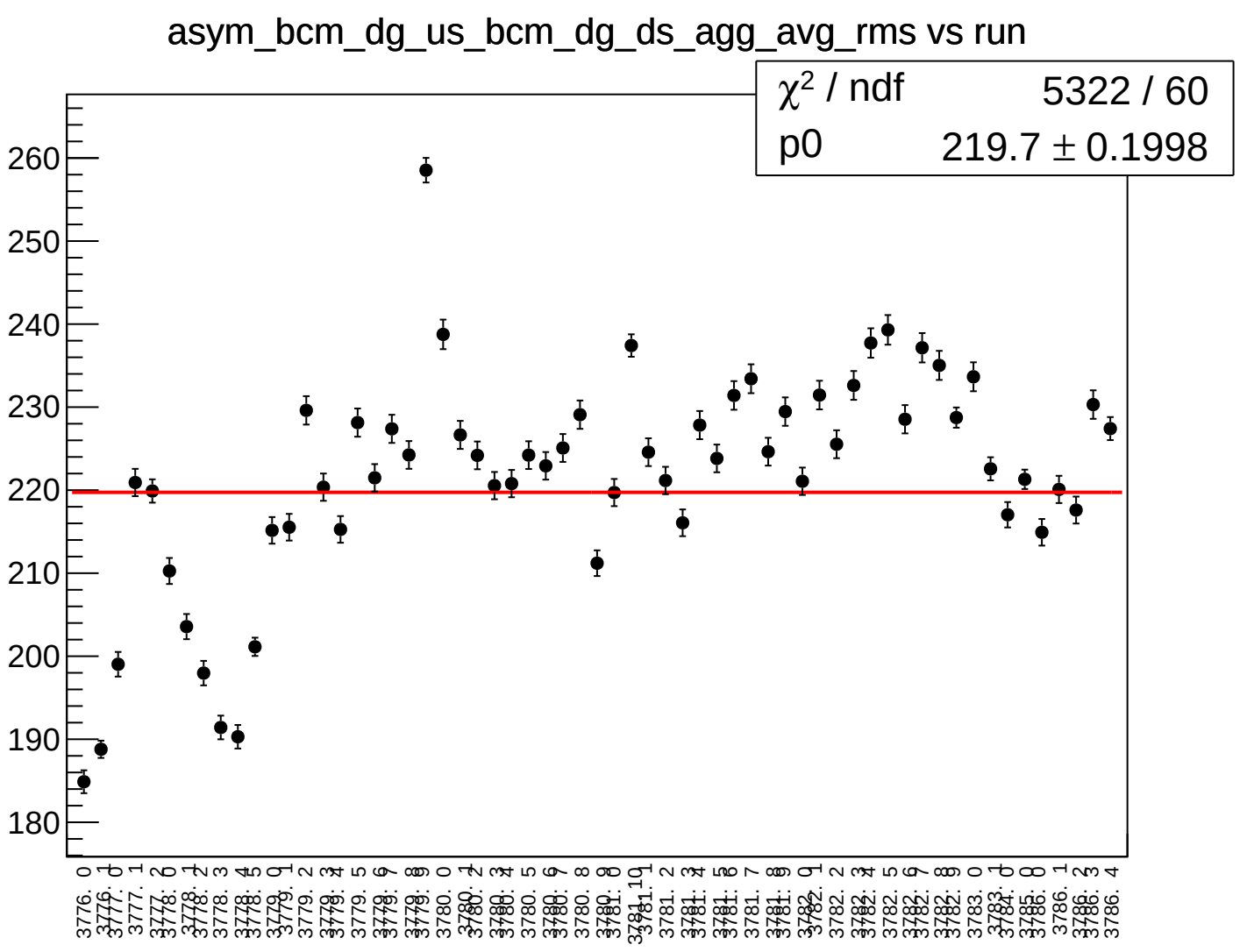

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs run
χ² / ndf 42.61 / 60
p0 −54.48 ± 24.76
pull
Entries 61
Mean 1.114
Std Dev 7.27

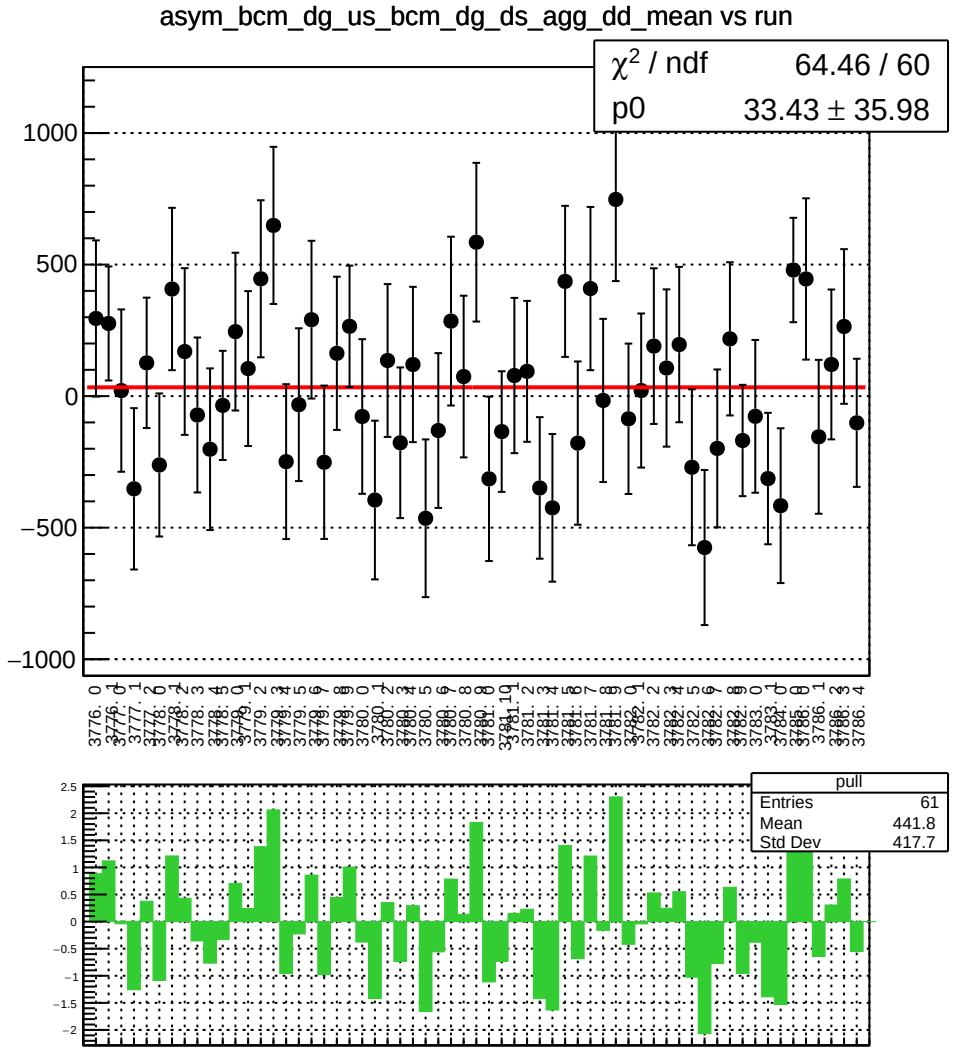

pull1D
Entries 61
Mean −0.01889
Std Dev 0.8356

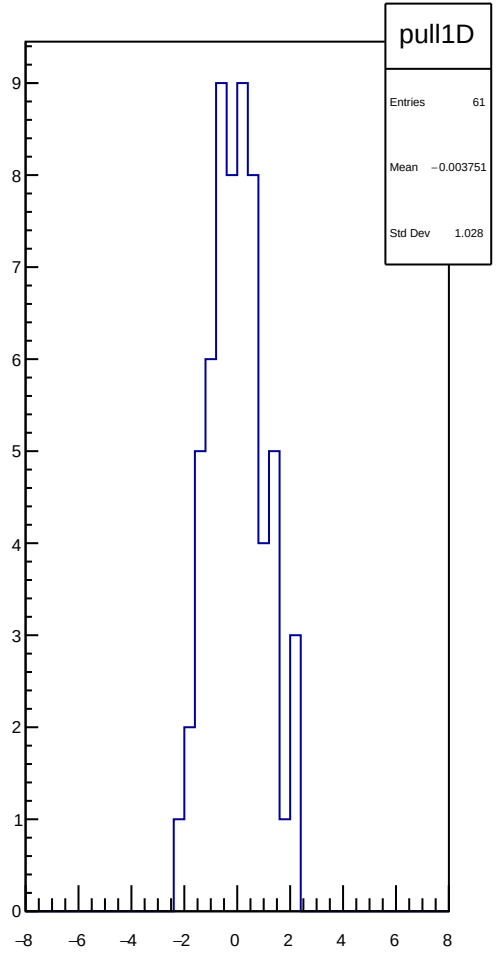

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs run
χ² / ndf 1161 / 60
p0 19.29 ± 0.01751
22
21.5
21
20.5
20
19.5
19
18.5
18

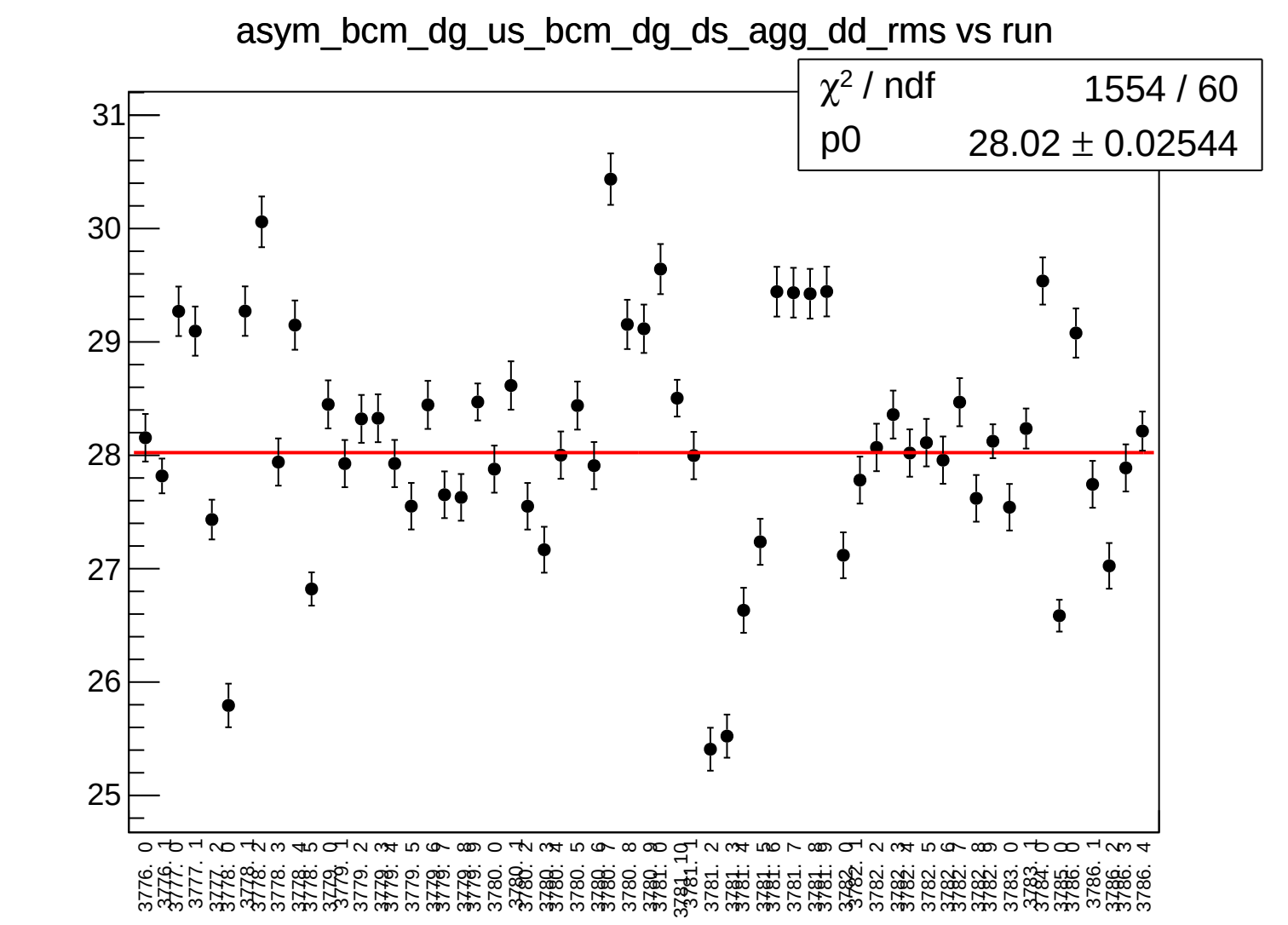

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs run
χ² / ndf 7.669 / 60
p0 18.87 ± 282.6
4000
2000
0
−2000
−4000
pull
Entries 61
Mean 149.5
Std Dev 121.6
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

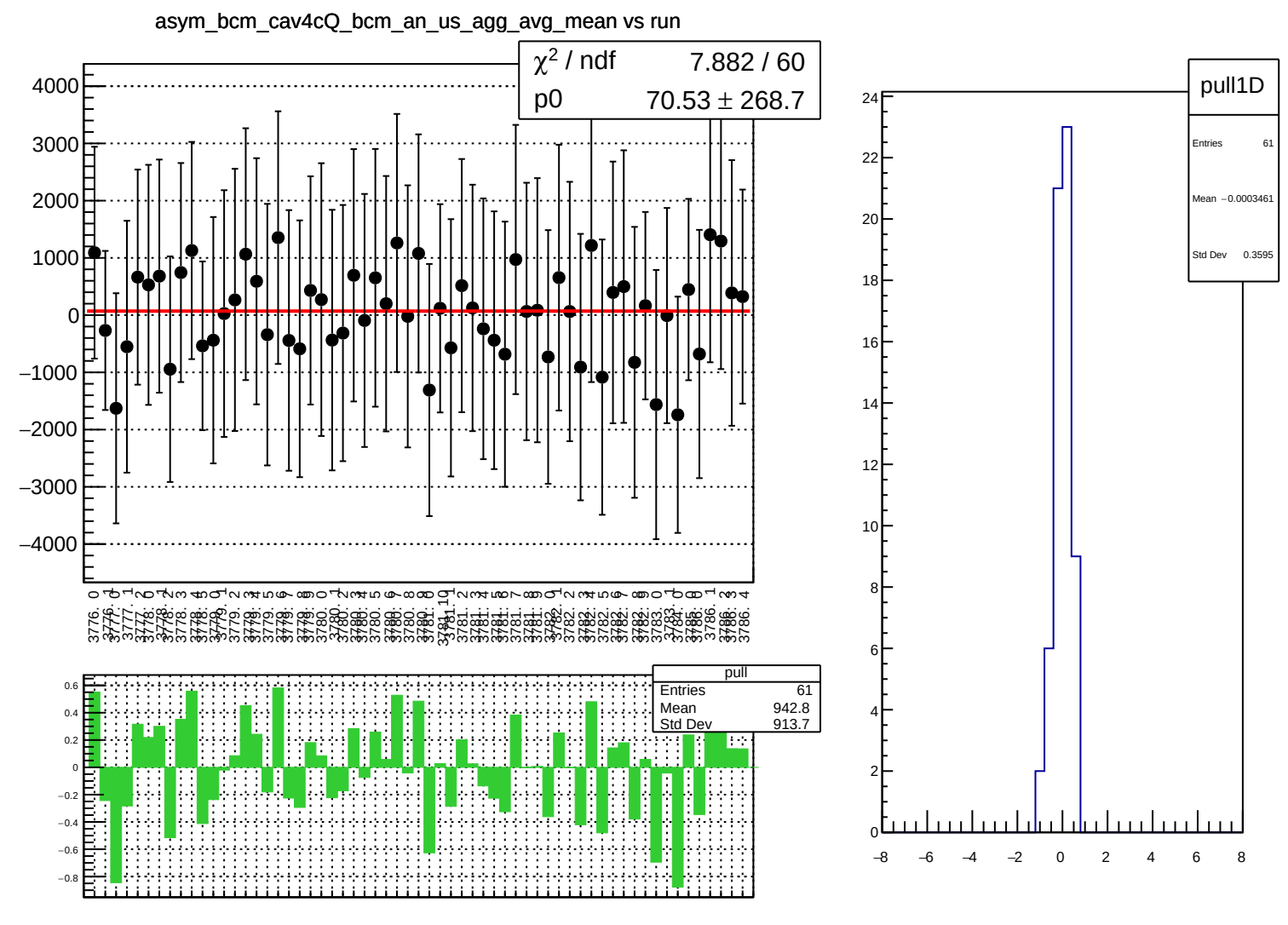

pull1D
Entries 61
Mean −0.004816
Std Dev 0.3546
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

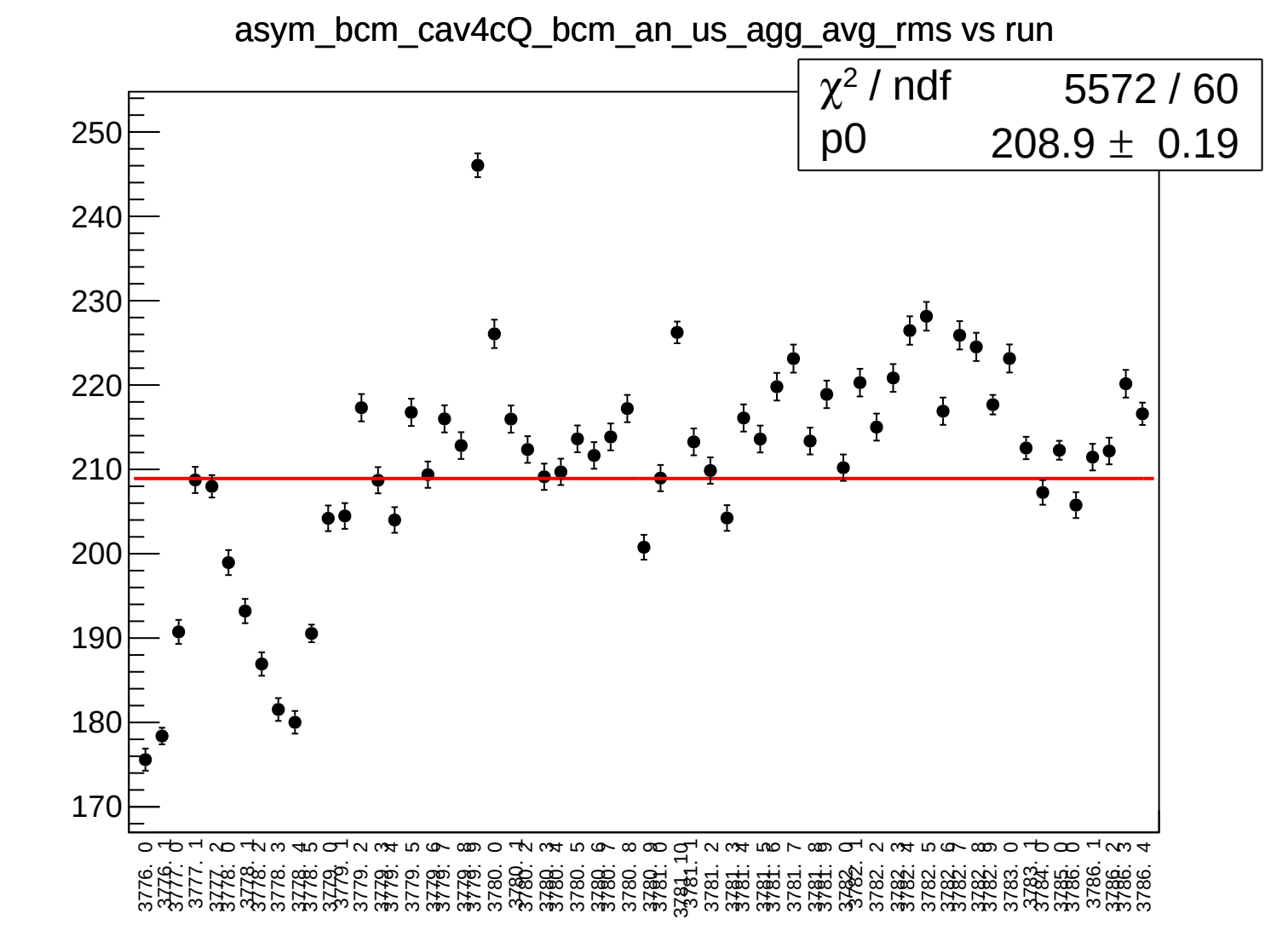

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs run
χ² / ndf 5322 / 60
p0 219.7 ± 0.1998
260
250
240
230
220
210
200
190
180

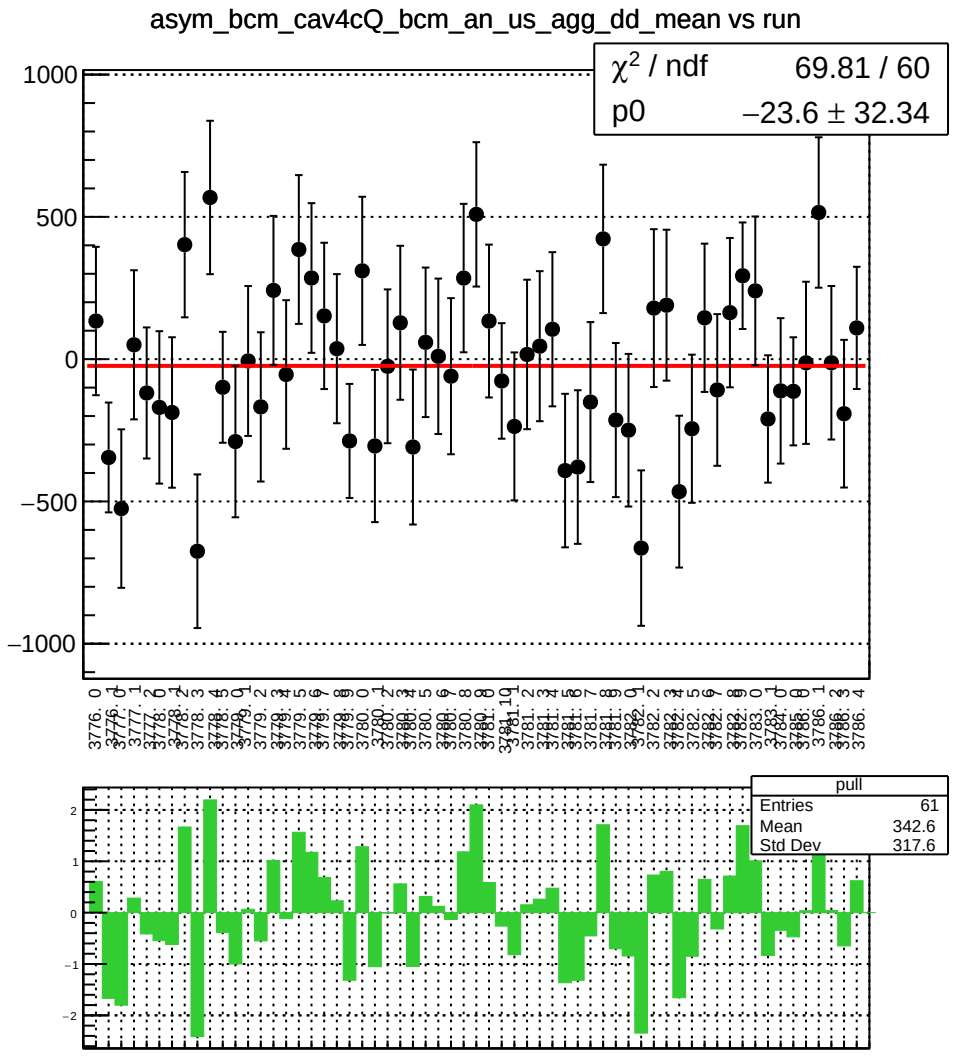

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs run
χ² / ndf 64.46 / 60
p0 33.43 ± 35.98
pull
Entries 61
Mean 441.8
Std Dev 417.7

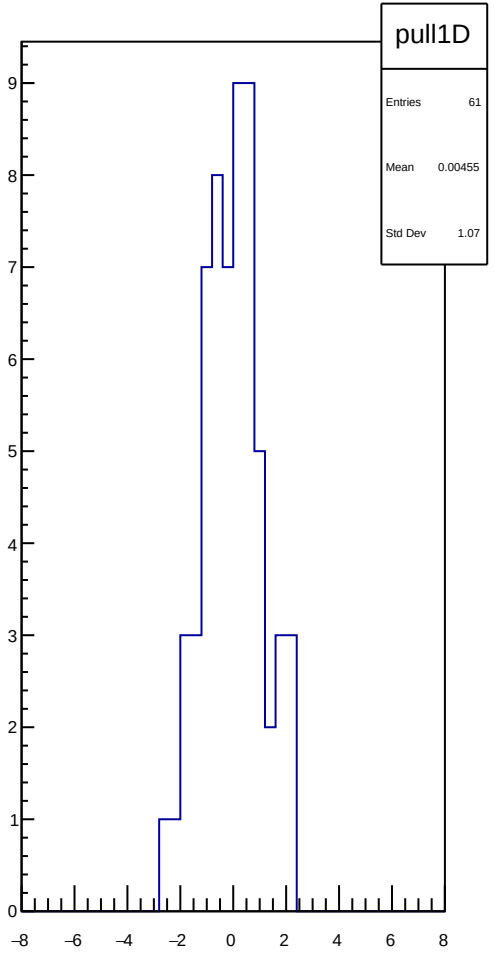

pull1D
Entries 61
Mean −0.003751
Std Dev 1.028

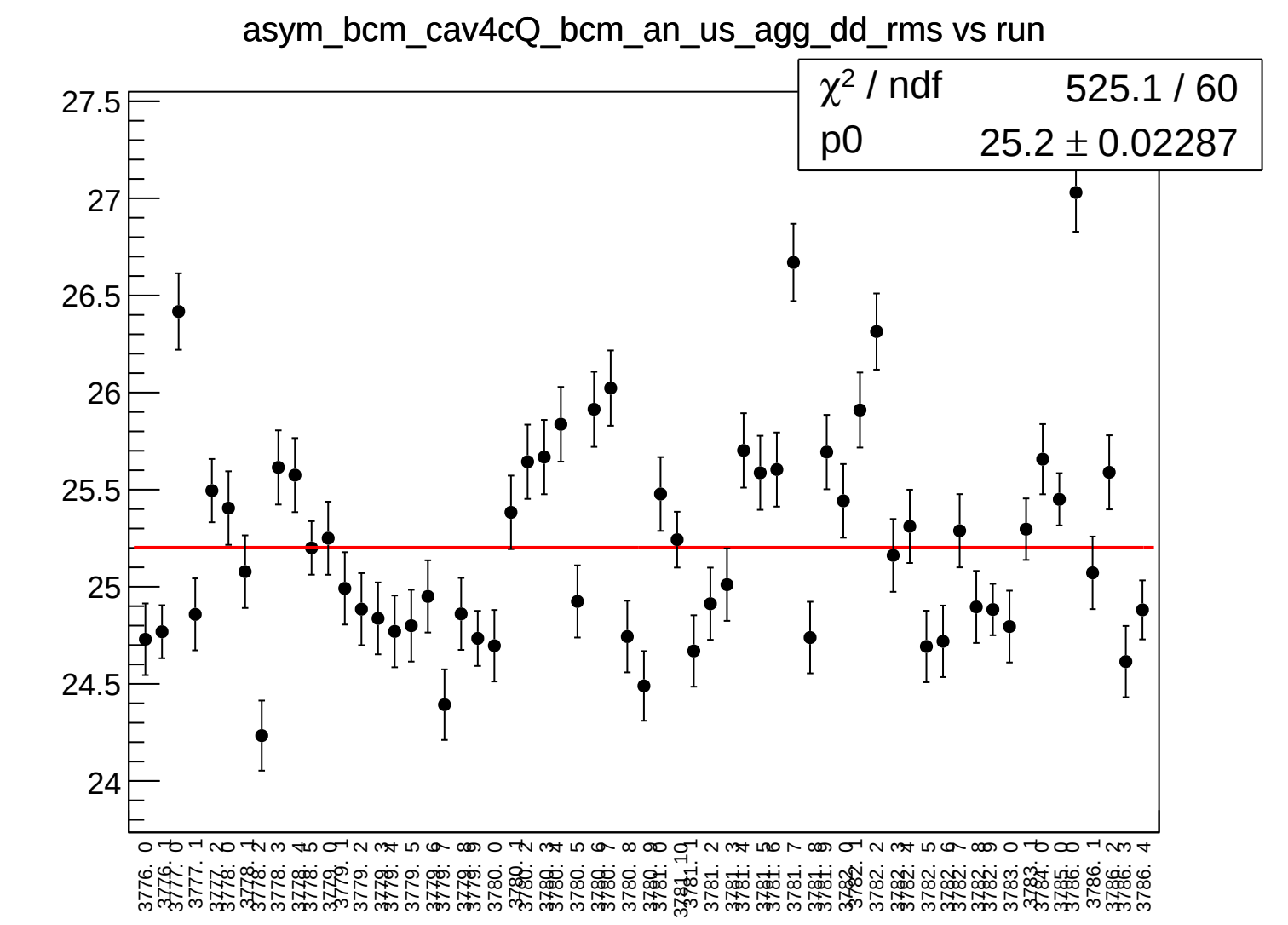

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs run
χ² / ndf 1554 / 60
p0 28.02 ± 0.02544
31
30
29
28
27
26
25

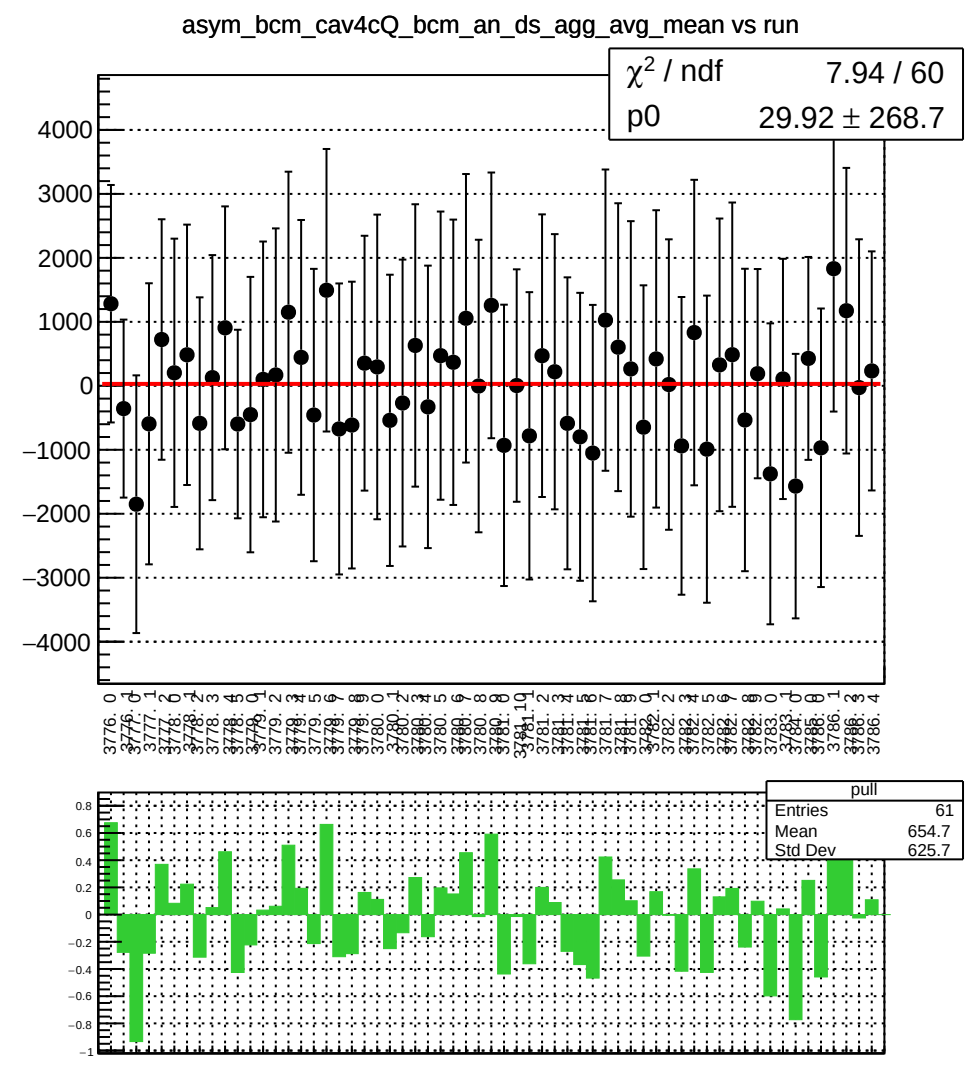

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs run
χ² / ndf 7.882 / 60
p0 70.53 ± 268.7
pull
Entries 61
Mean 942.8
Std Dev 913.7
pull1D
Entries 61
Mean −0.0003461
Std Dev 0.3595

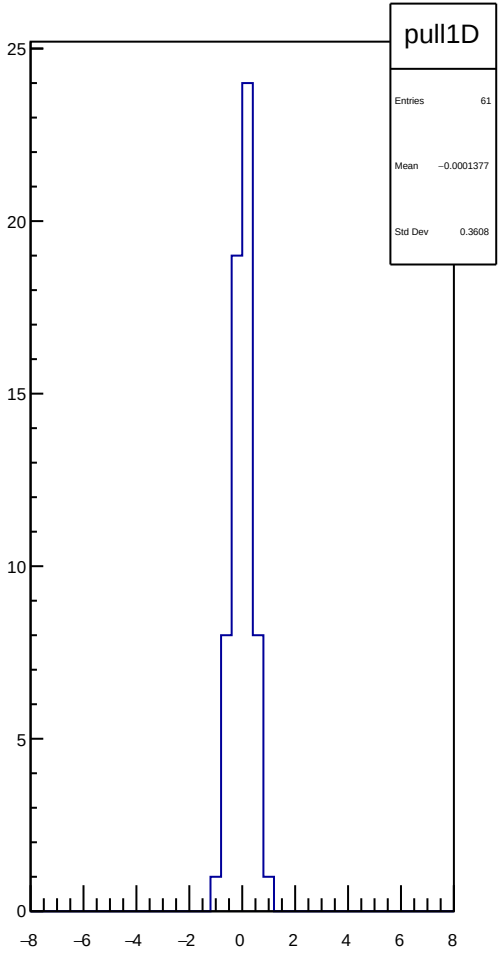

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs run
χ² / ndf 5572 / 60
p0 208.9 ± 0.19
250
240
230
220
210
200
190
180
170

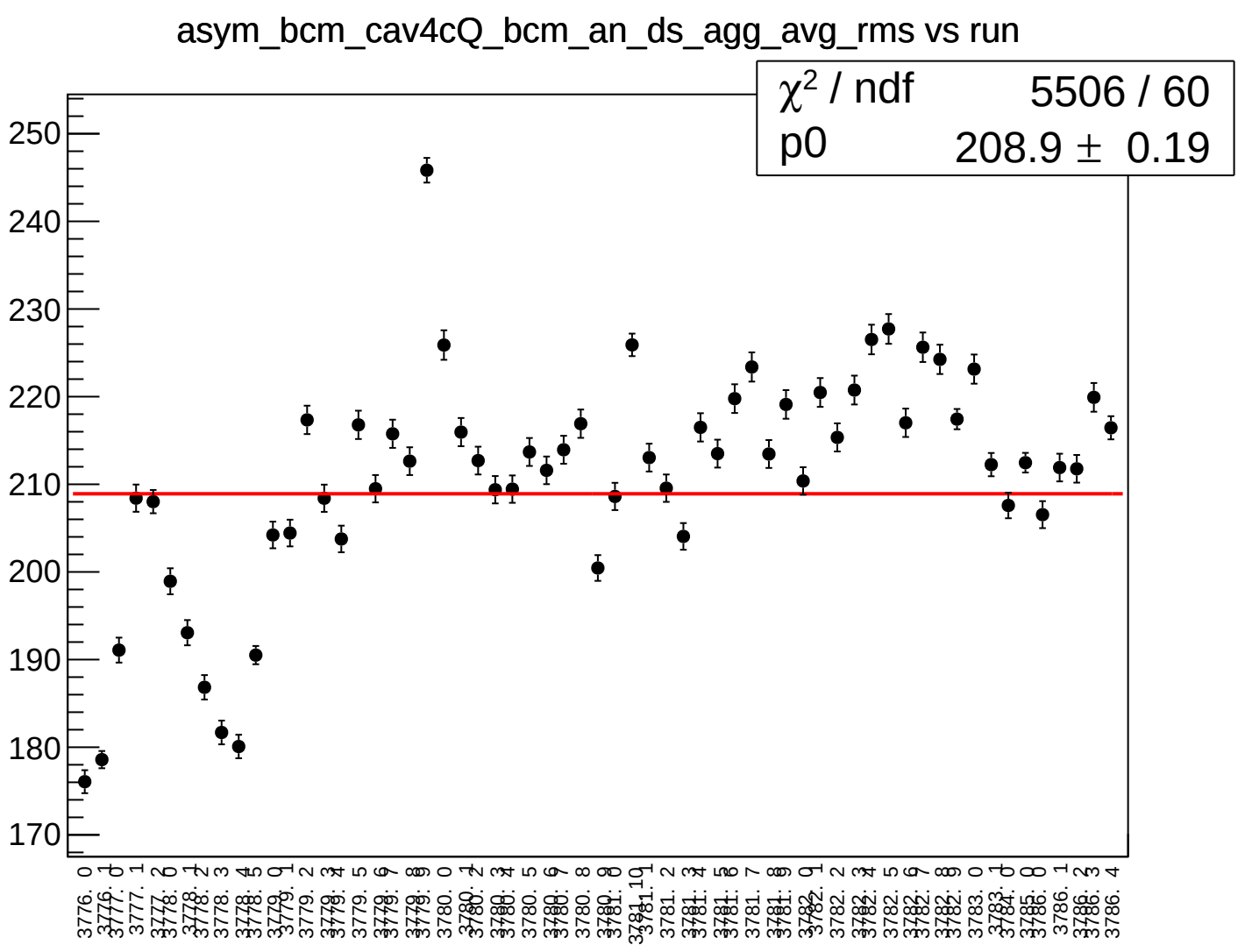

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs run
χ² / ndf 69.81 / 60
p0 −23.6 ± 32.34
1000
500
0
−500
−1000
pull
Entries 61
Mean 342.6
Std Dev 317.6
2
1
0
−1
−2

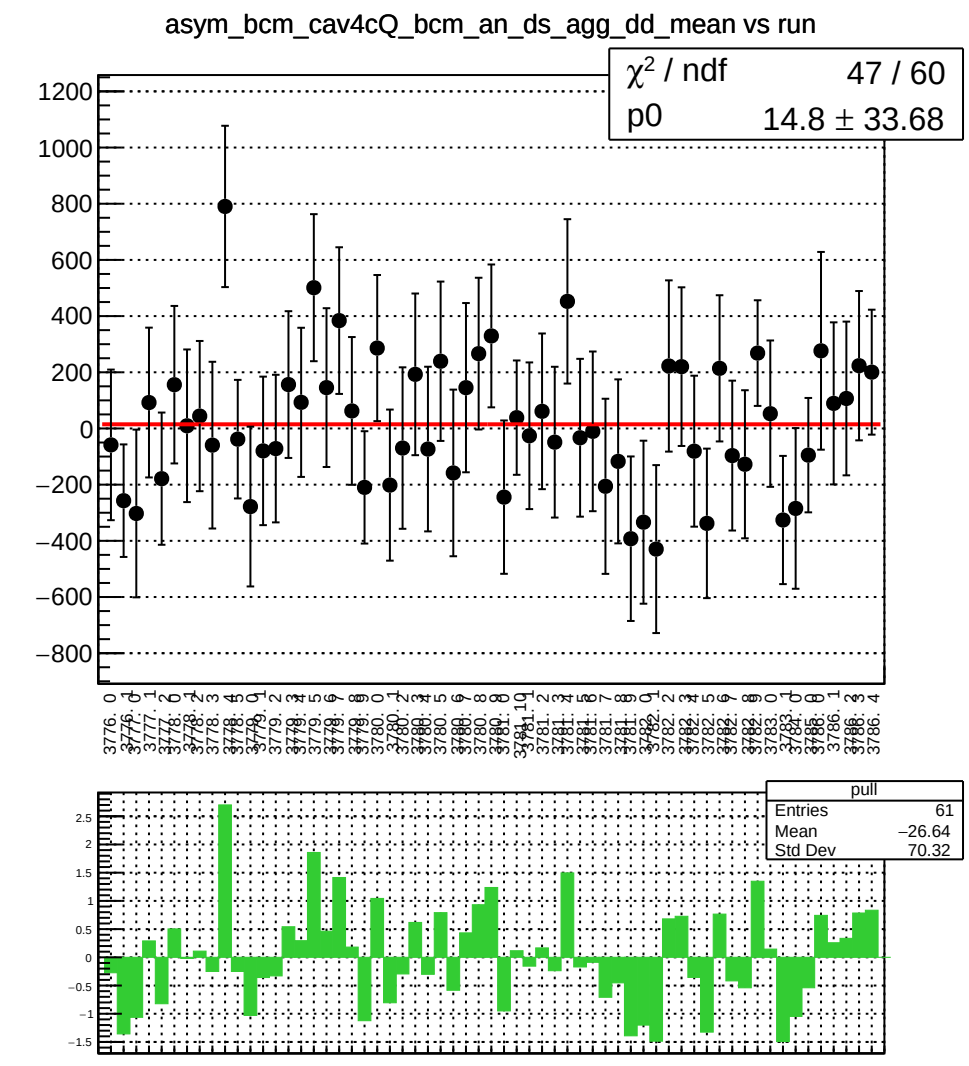

pull1D
Entries 61
Mean 0.00455
Std Dev 1.07
9
8
7
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

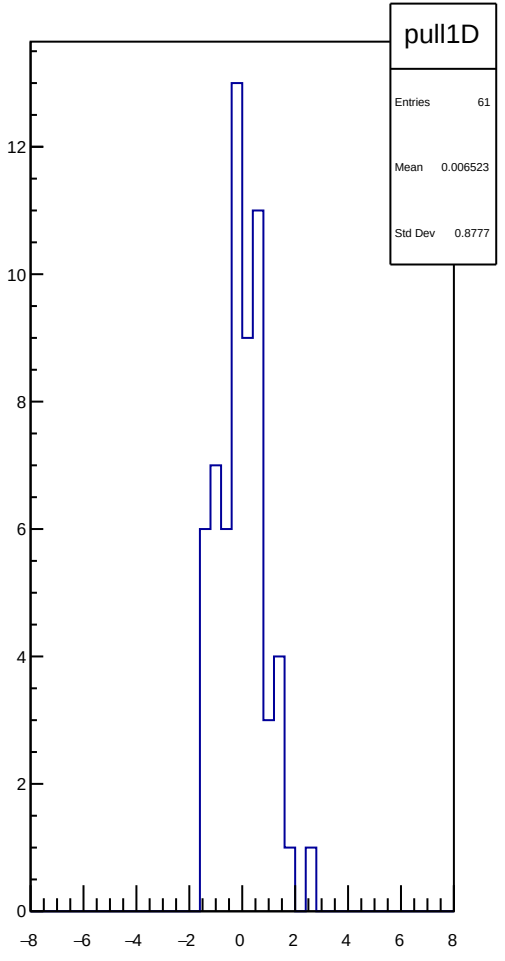

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs run
χ² / ndf 525.1 / 60
p0 25.2 ± 0.02287
27.5
27
26.5
26
25.5
25
24.5
24

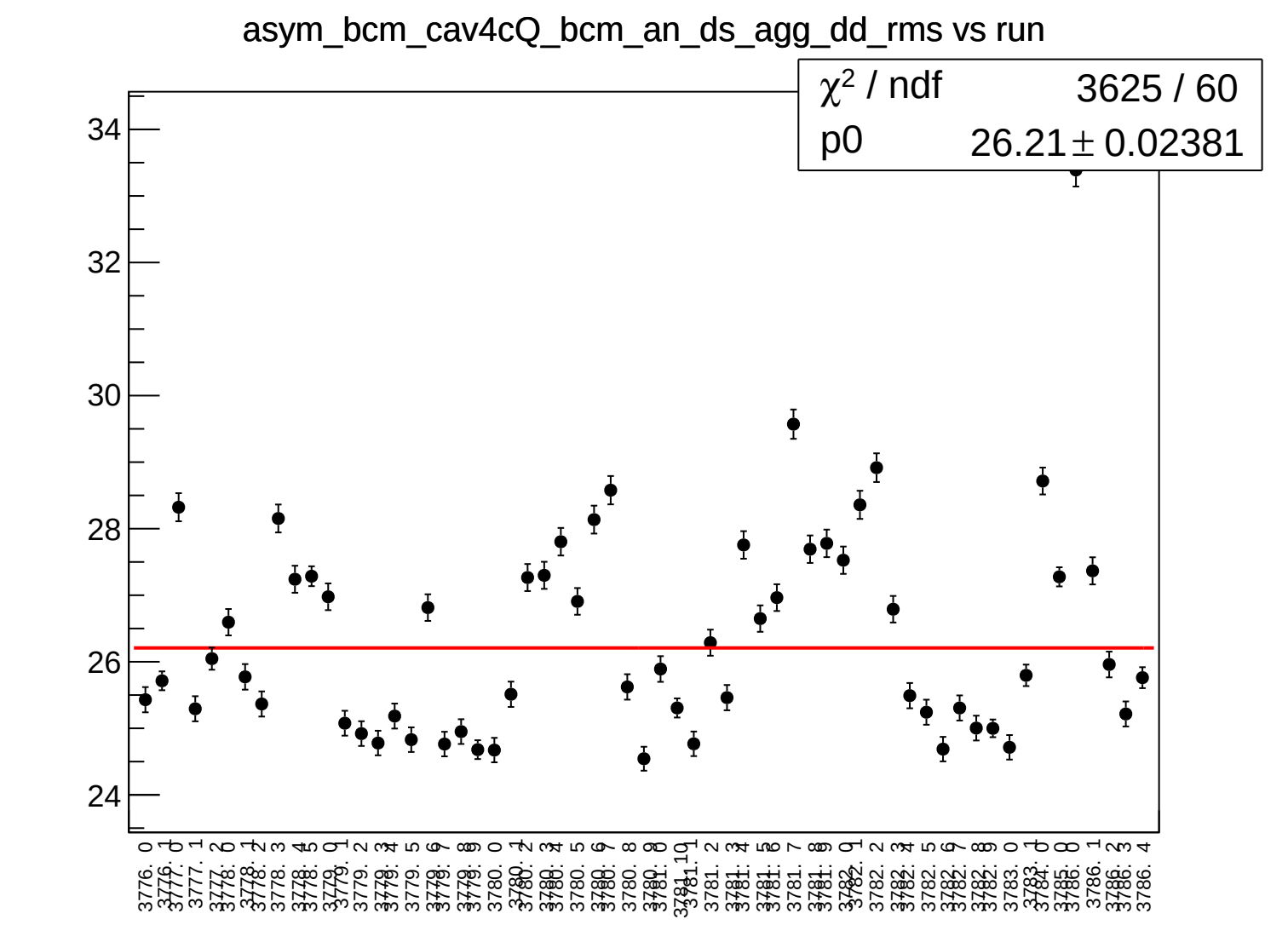

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs run
χ² / ndf 7.94 / 60
p0 29.92 ± 268.7
pull
Entries 61
Mean 654.7
Std Dev 625.7

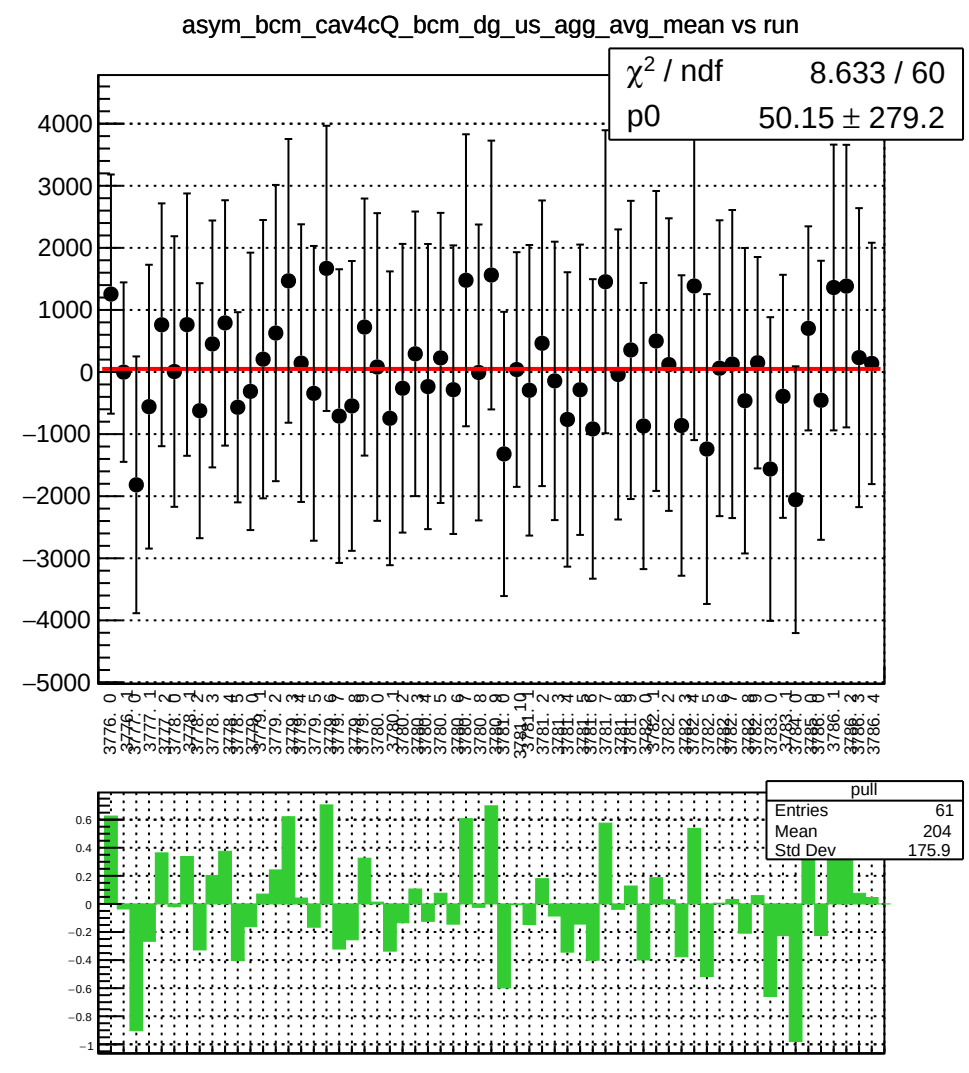

pull1D
Entries 61
Mean −0.0001377
Std Dev 0.3608

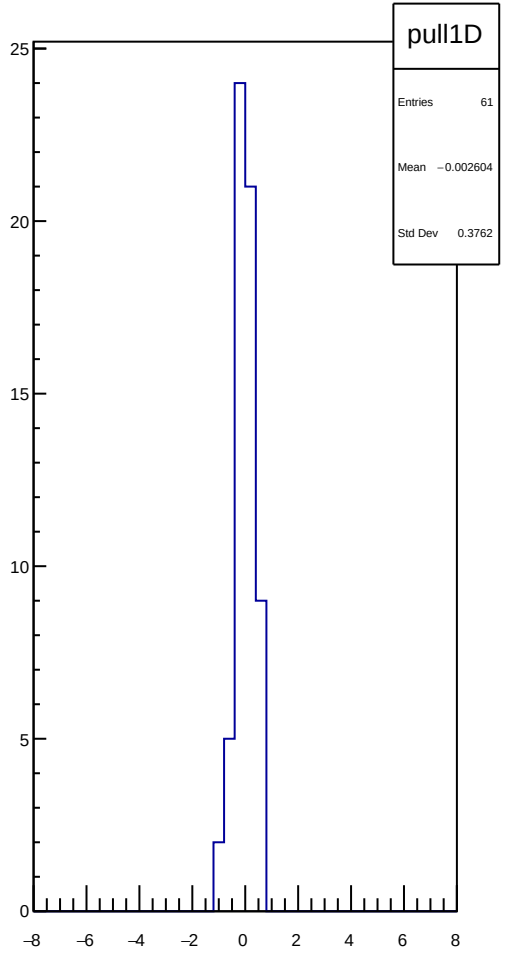

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs run
χ² / ndf 5506 / 60
p0 208.9 ± 0.19
250
240
230
220
210
200
190
180
170

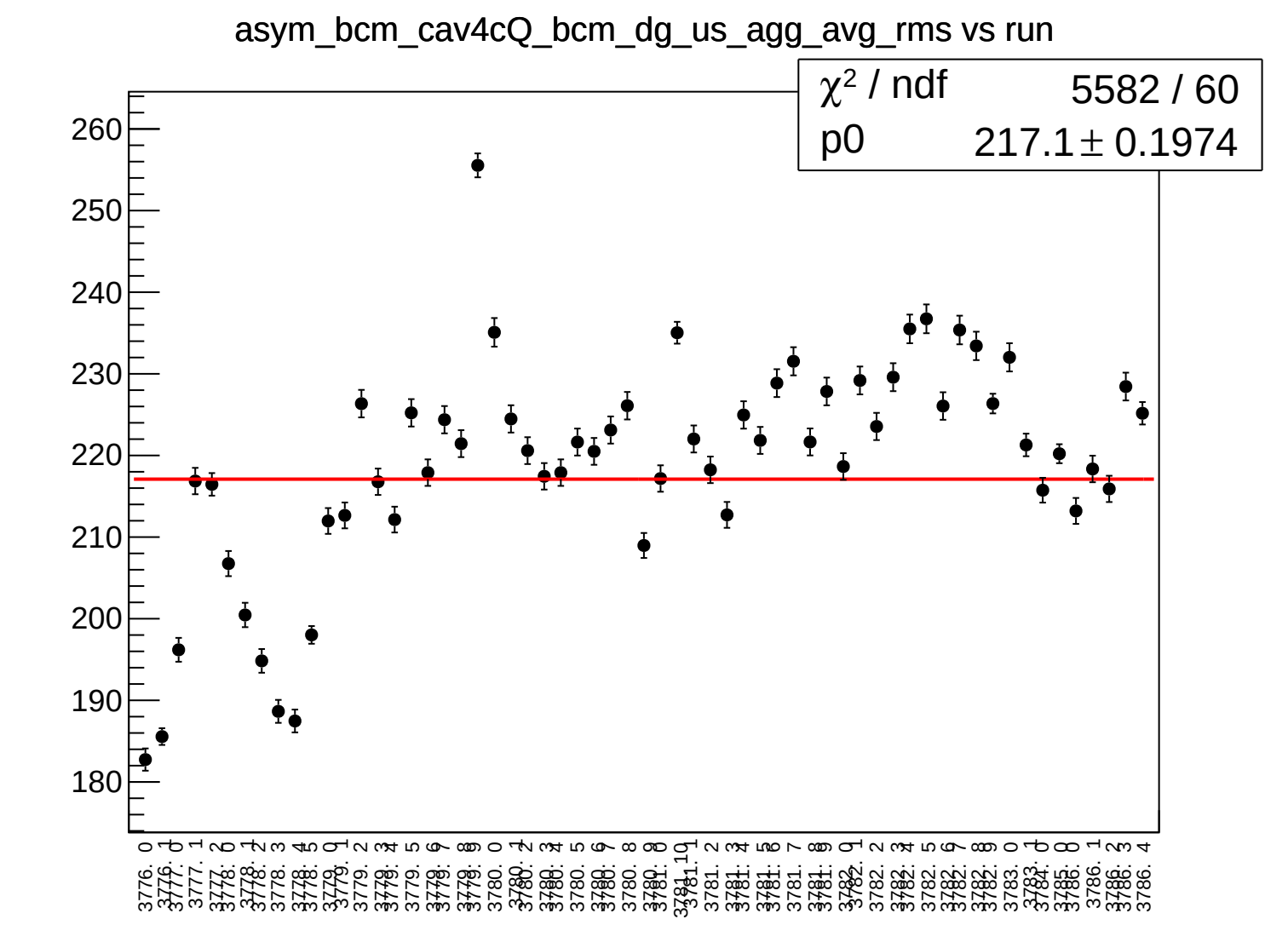

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs run
χ² / ndf 47 / 60
p0 14.8 ± 33.68
pull
Entries 61
Mean −26.64
Std Dev 70.32

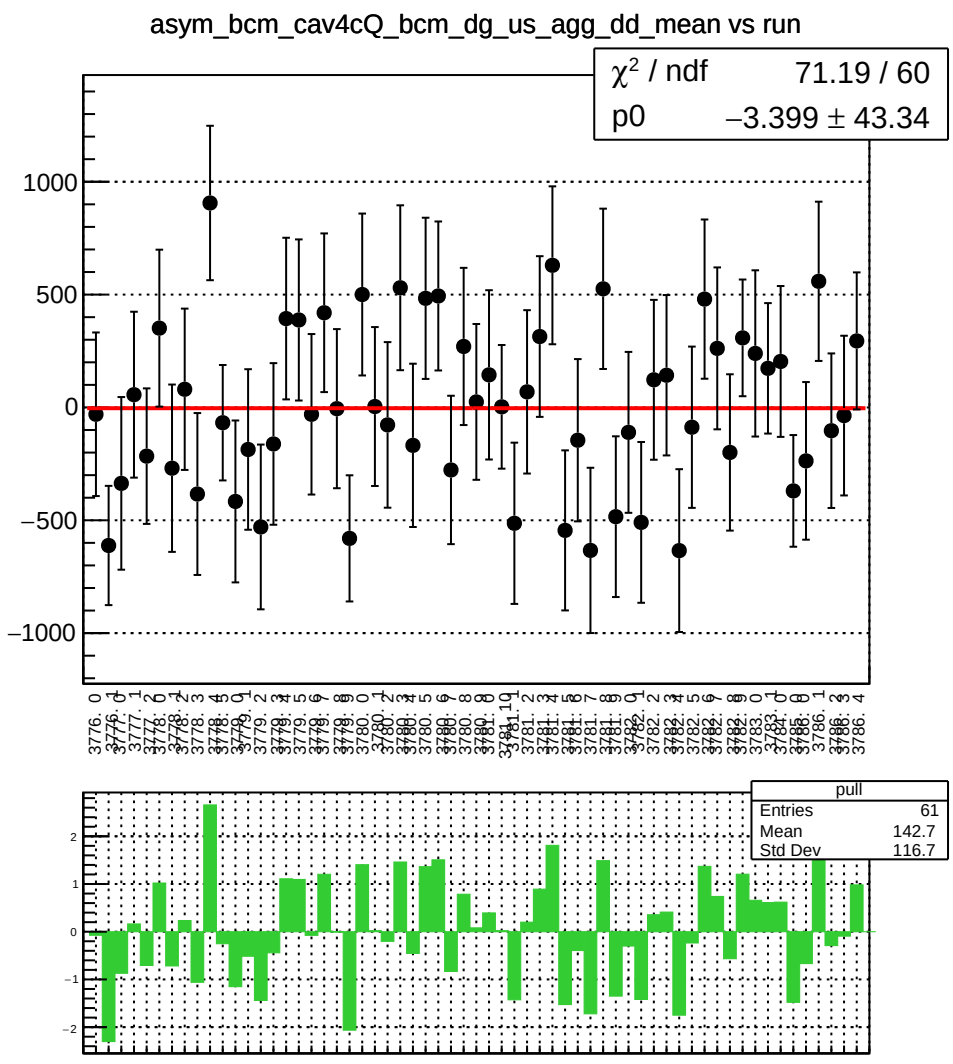

pull1D
Entries 61
Mean 0.006523
Std Dev 0.8777

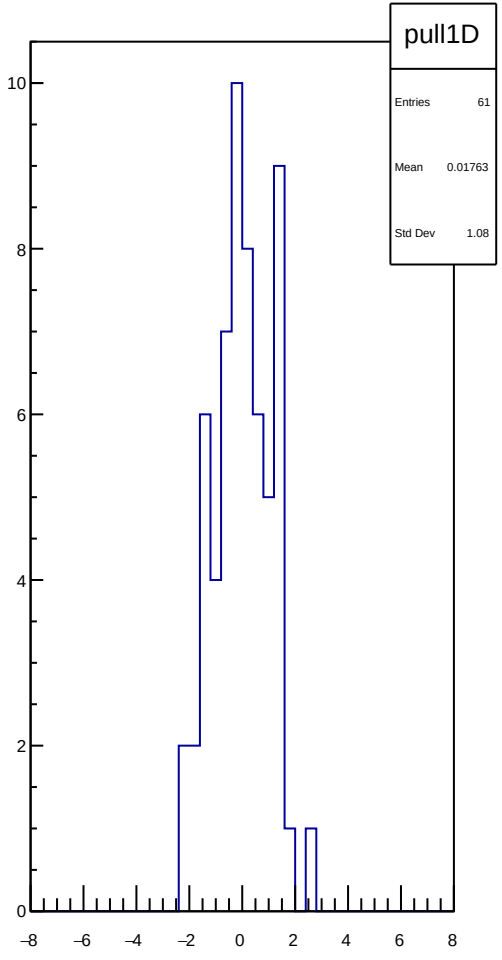

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs run
χ² / ndf 3625 / 60
p0 26.21 ± 0.02381
34
32
30
28
26
24

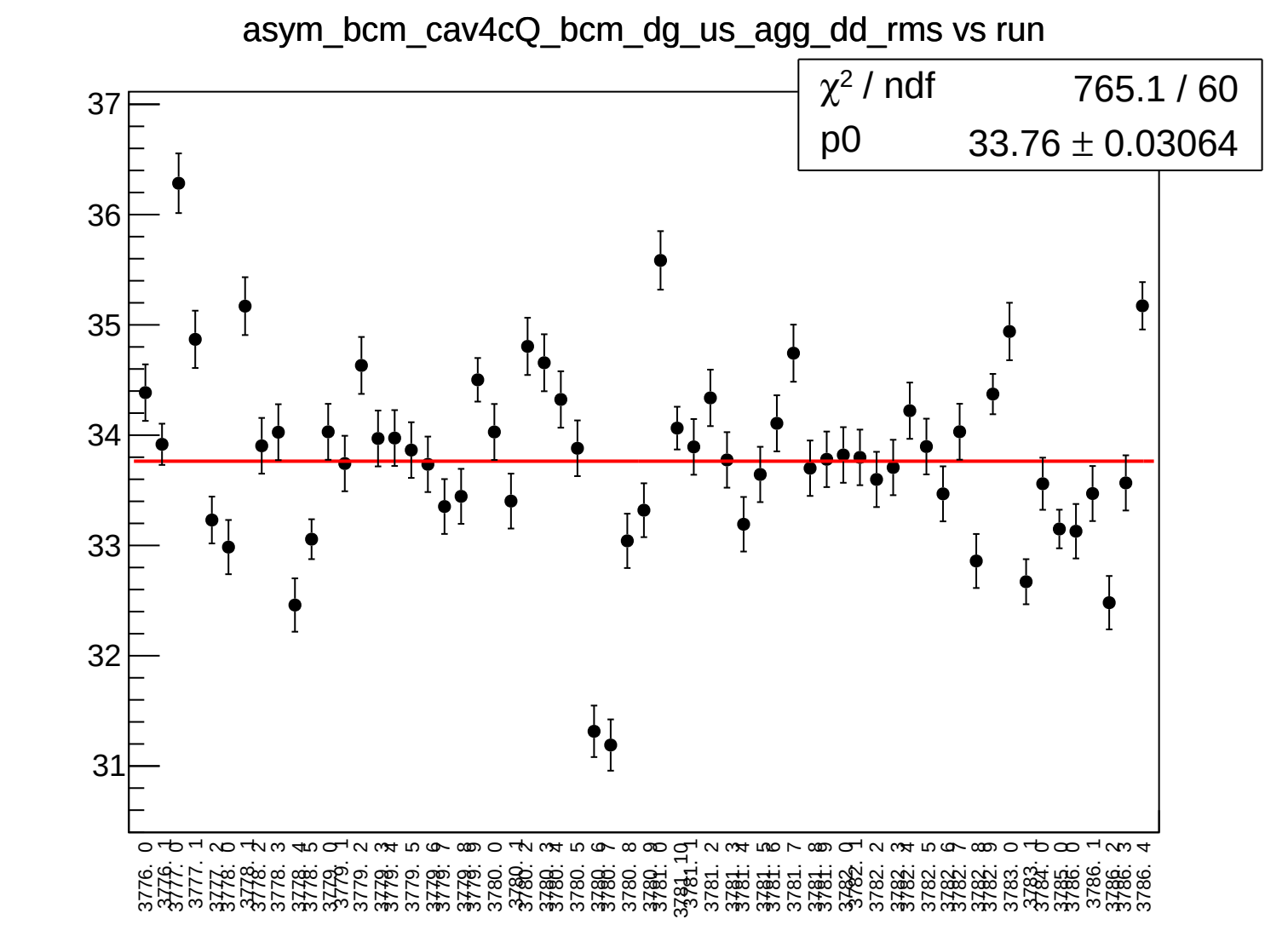

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs run
χ² / ndf 8.633 / 60
p0 50.15 ± 279.2
pull
Entries 61
Mean 204
Std Dev 175.9

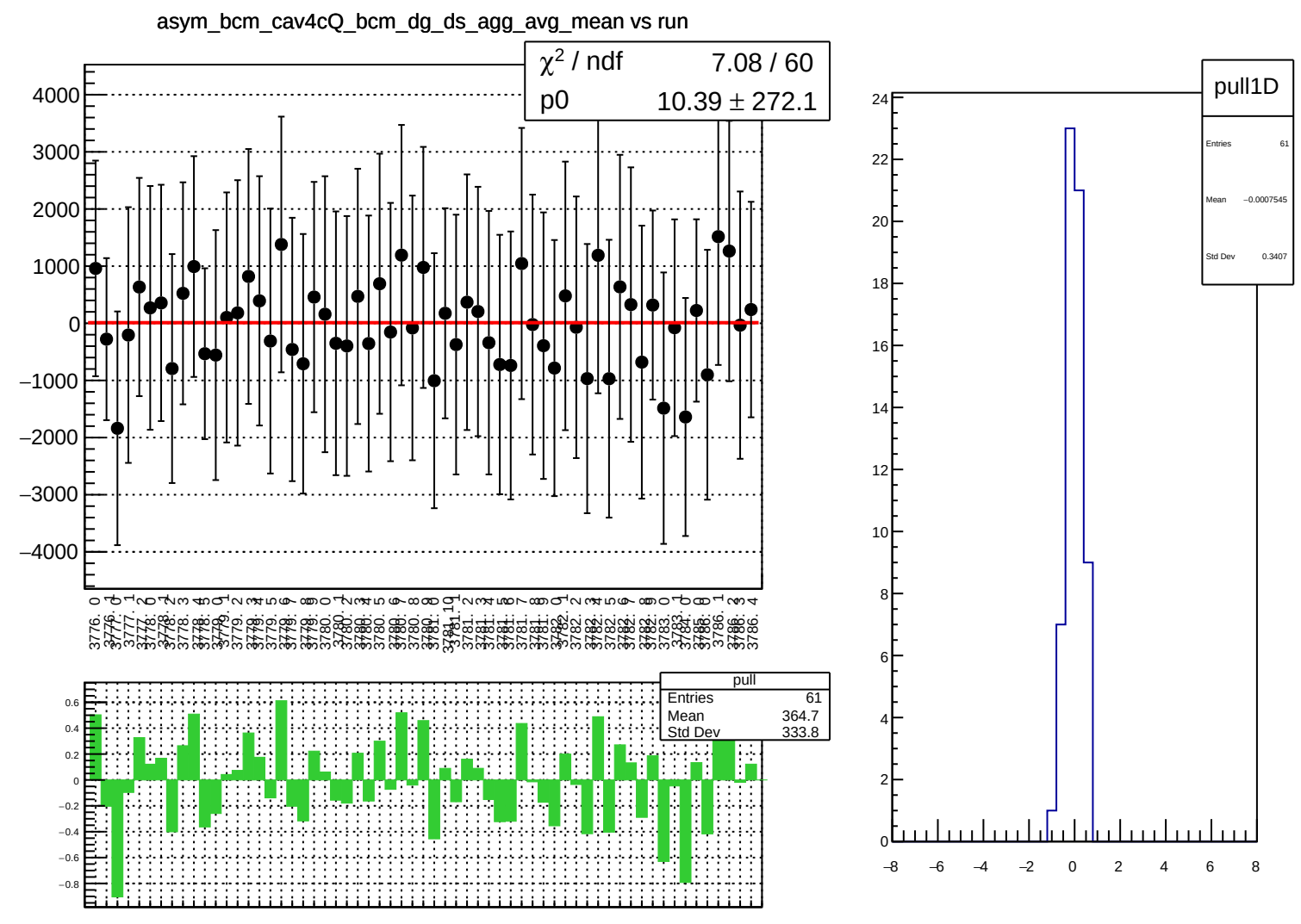

pull1D
Entries 61
Mean −0.002604
Std Dev 0.3762

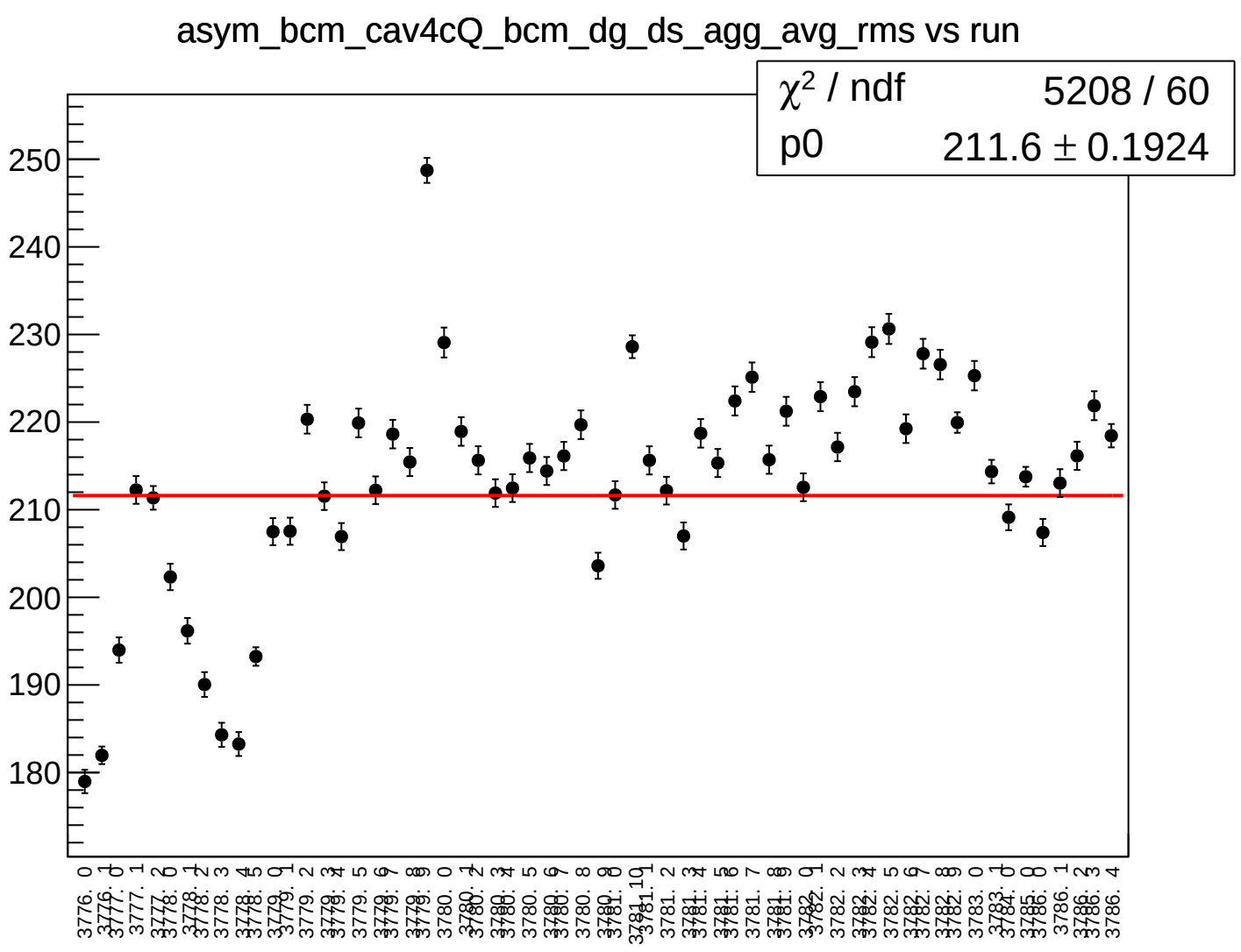

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs run
χ² / ndf 5582 / 60
p0 217.1 ± 0.1974
260
250
240
230
220
210
200
190
180

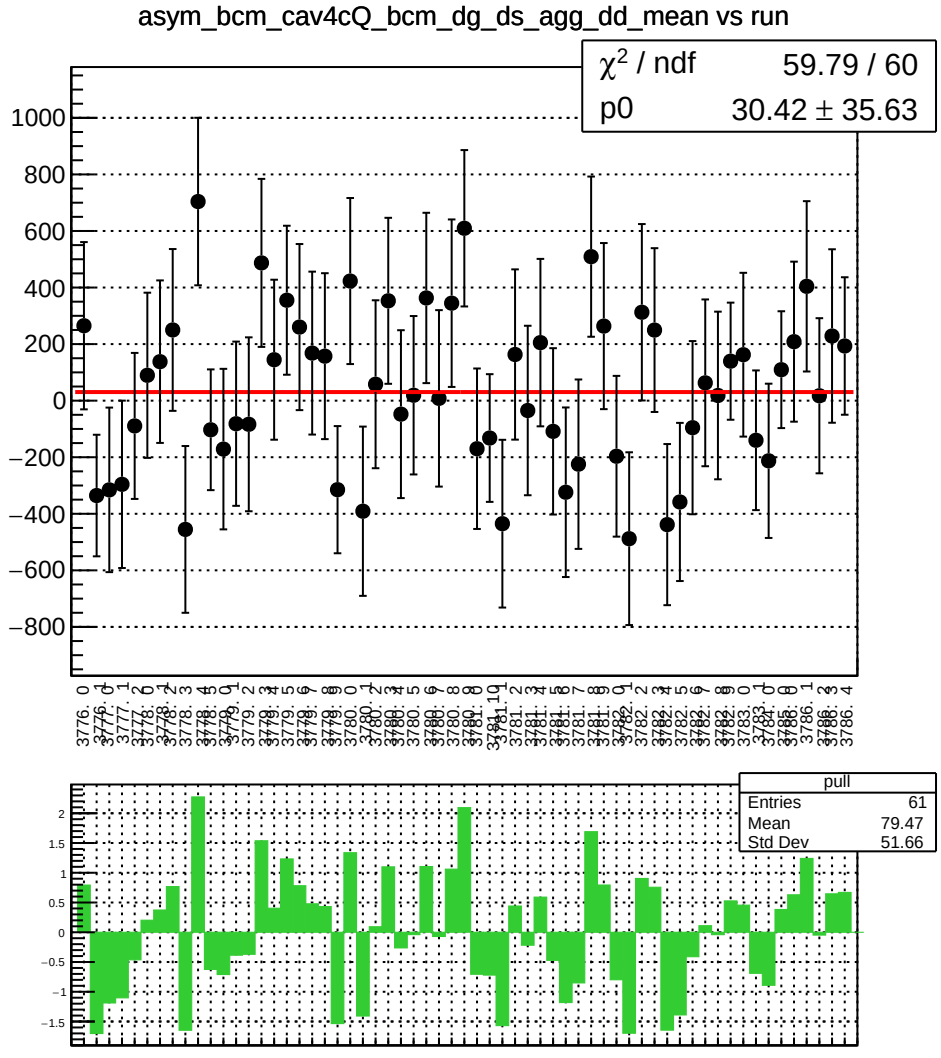

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs run
χ² / ndf 71.19 / 60
p0 −3.399 ± 43.34
1000
500
0
−500
−1000
pull
Entries 61
Mean 142.7
Std Dev 116.7
2
1
0
−1
−2

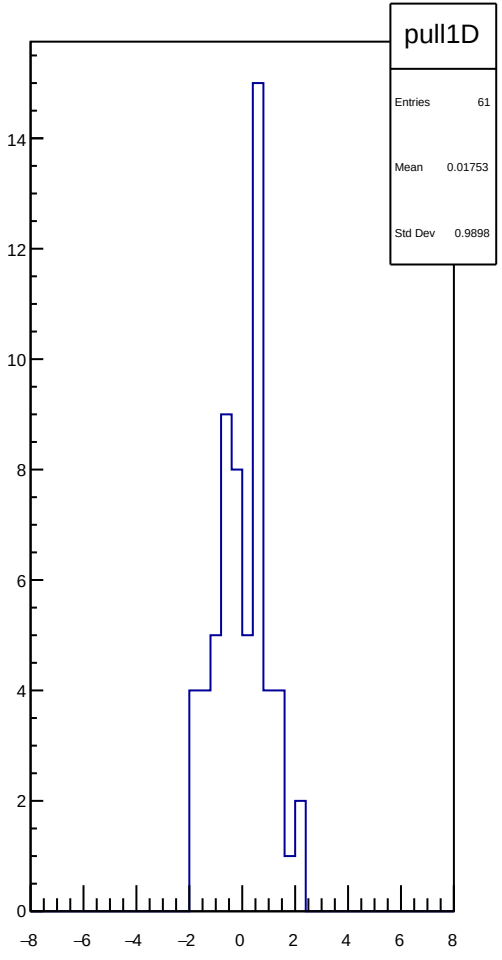

pull1D
Entries 61
Mean 0.01763
Std Dev 1.08
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

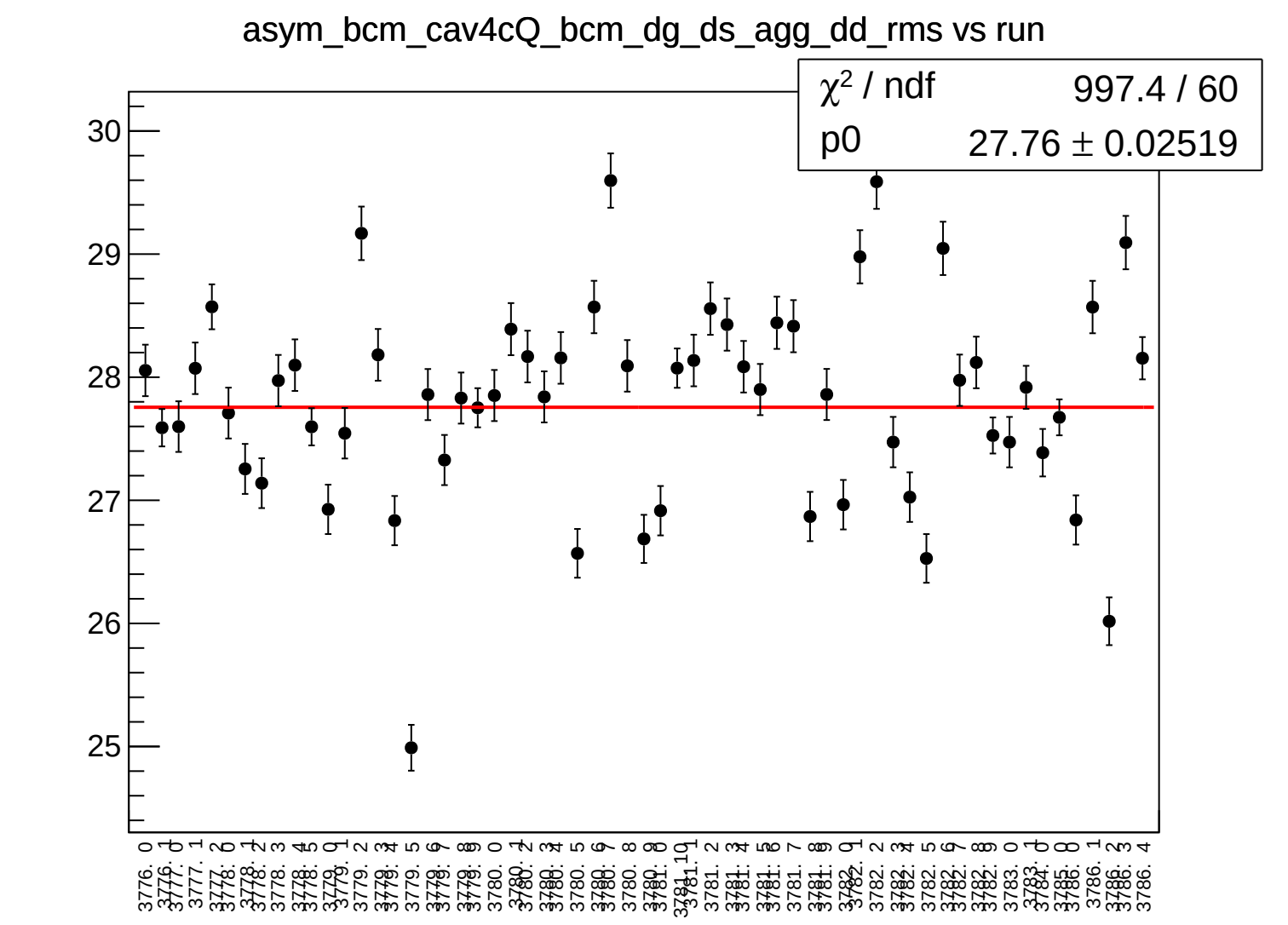

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs run
χ² / ndf 765.1 / 60
p0 33.76 ± 0.03064
37
36
35
34
33
32
31

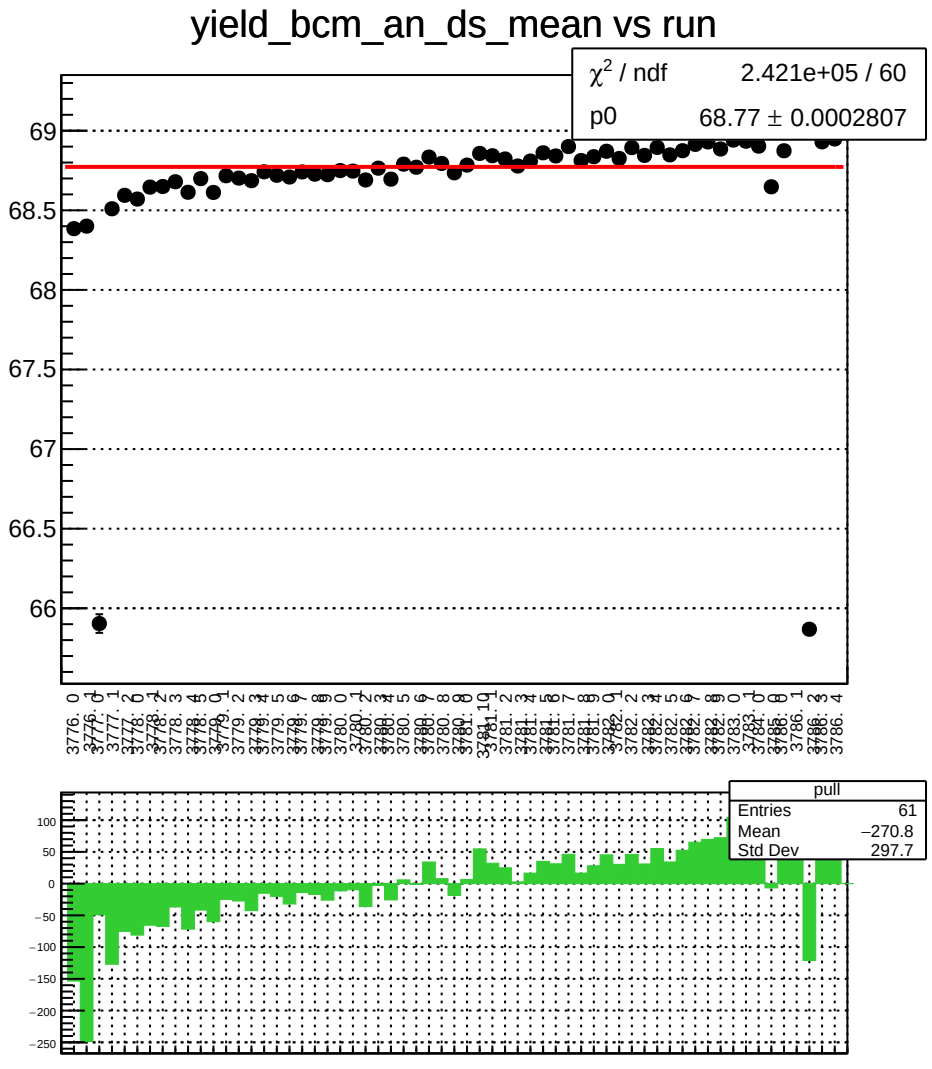

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs run
χ² / ndf 7.08 / 60
p0 10.39 ± 272.1
pull
Entries 61
Mean 364.7
Std Dev 333.8
pull1D
Entries 61
Mean −0.0007545
Std Dev 0.3407

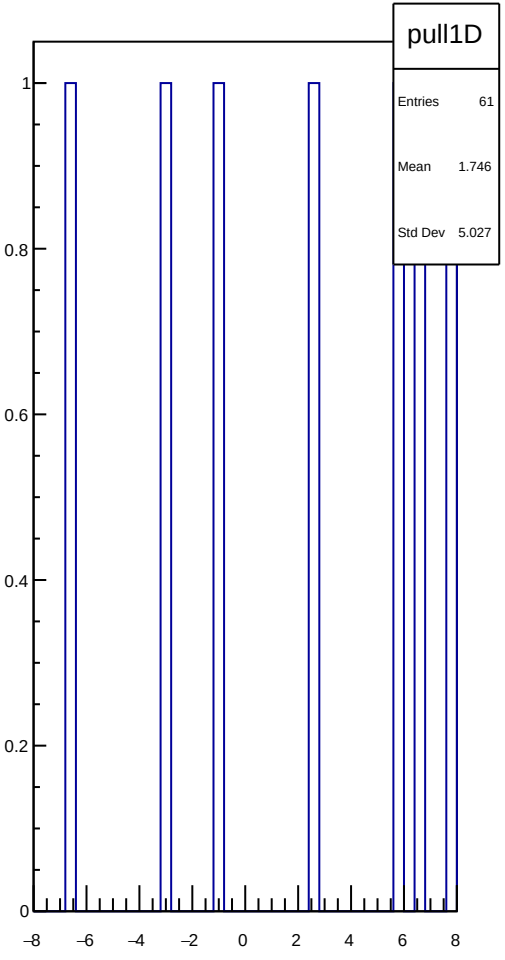

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs run
χ² / ndf 5208 / 60
p0 211.6 ± 0.1924
250
240
230
220
210
200
190
180

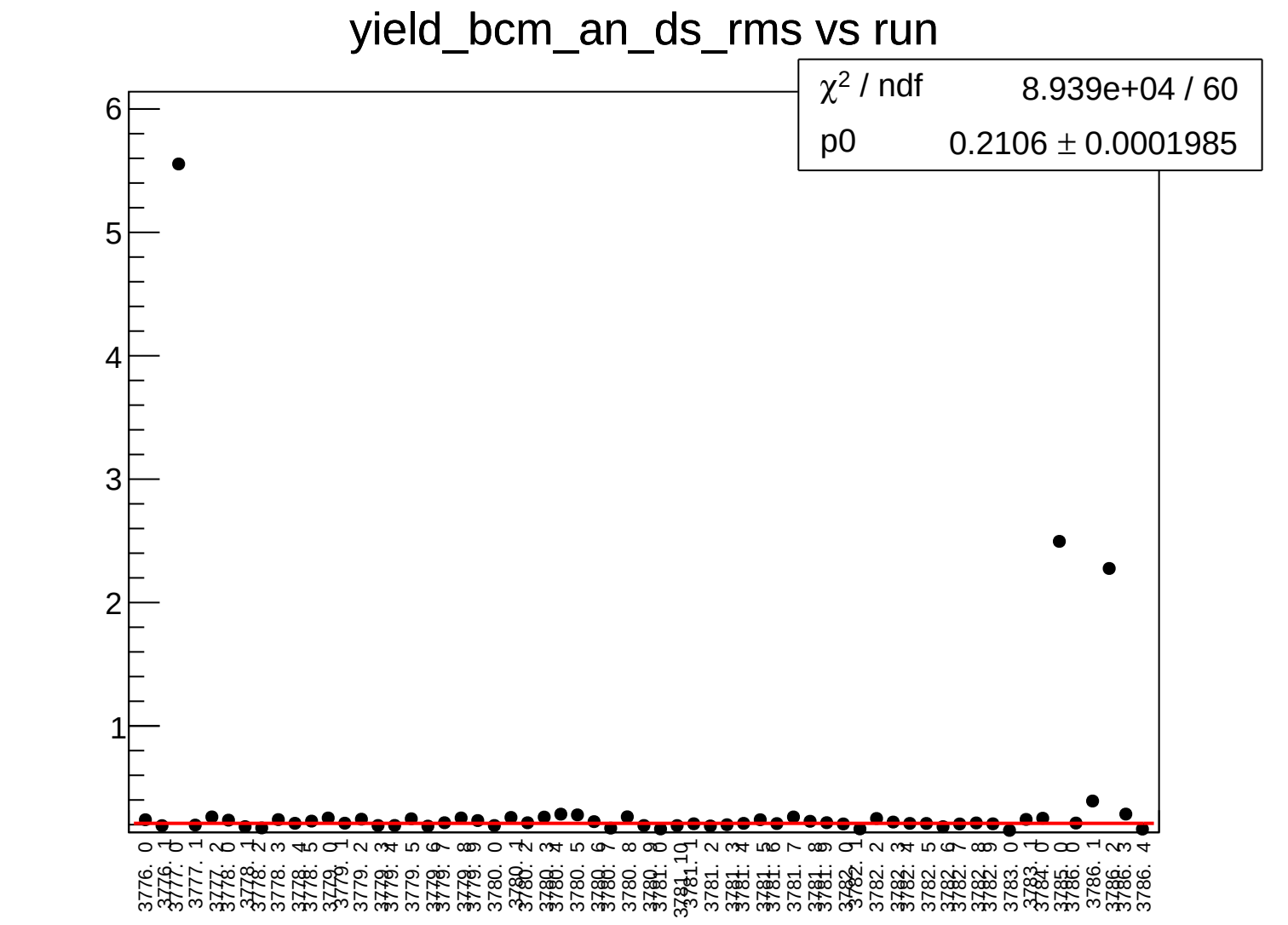

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs run
χ² / ndf 59.79 / 60
p0 30.42 ± 35.63
pull
Entries 61
Mean 79.47
Std Dev 51.66

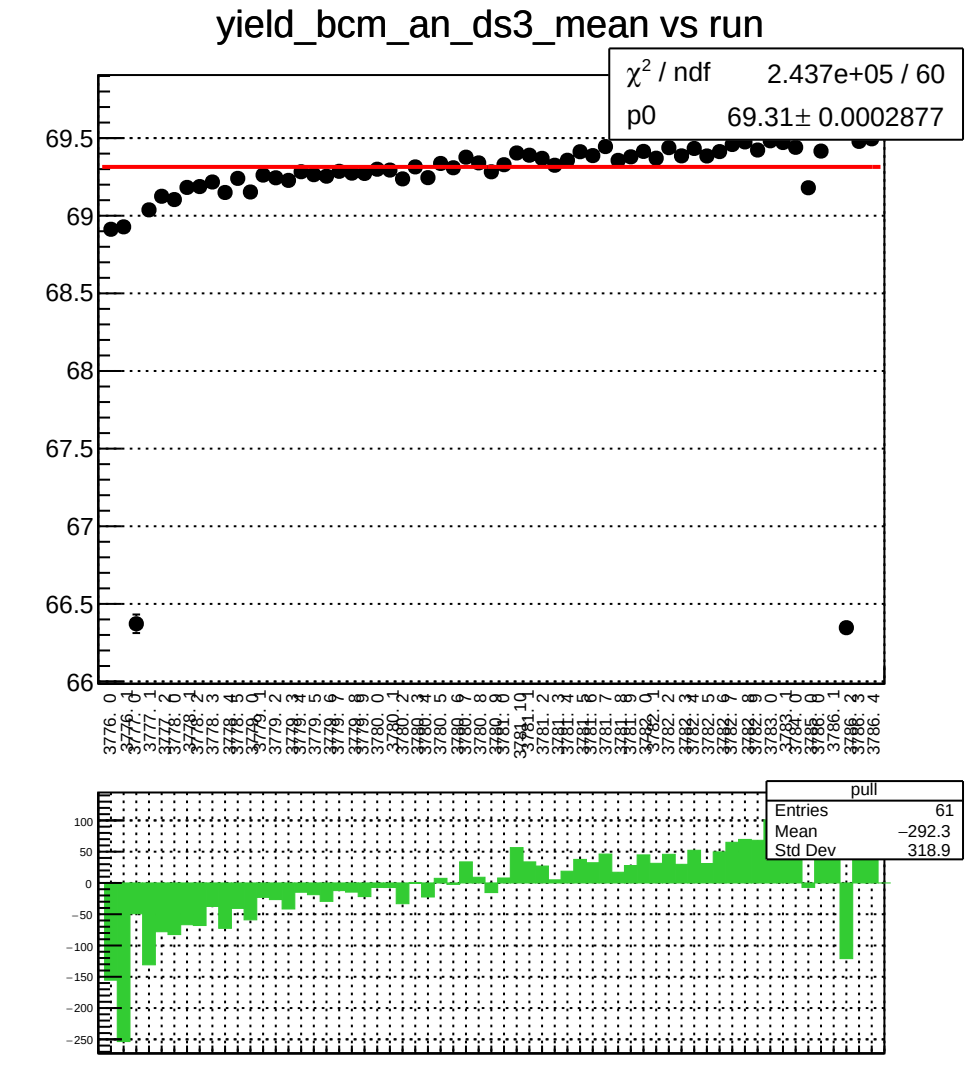

pull1D
Entries 61
Mean 0.01753
Std Dev 0.9898

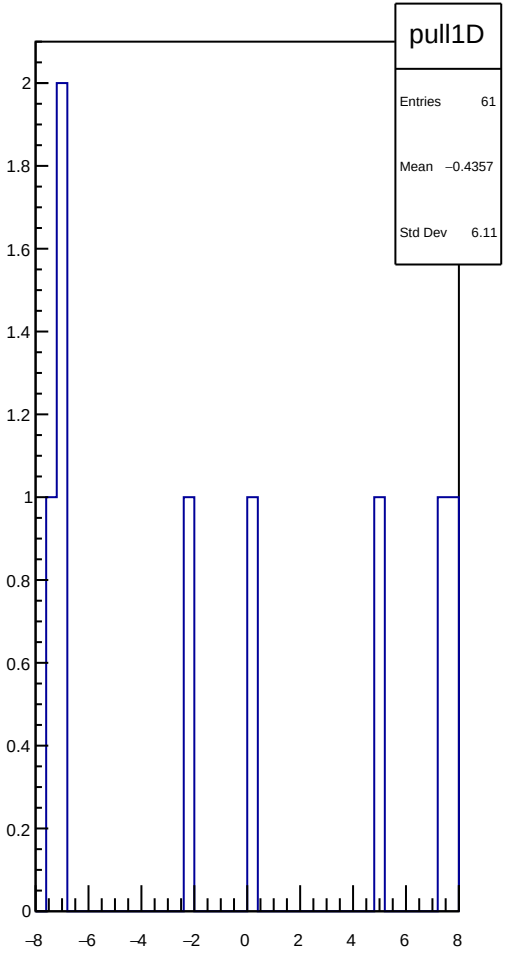

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs run
χ² / ndf 997.4 / 60
p0 27.76 ± 0.02519
30
29
28
27
26
25

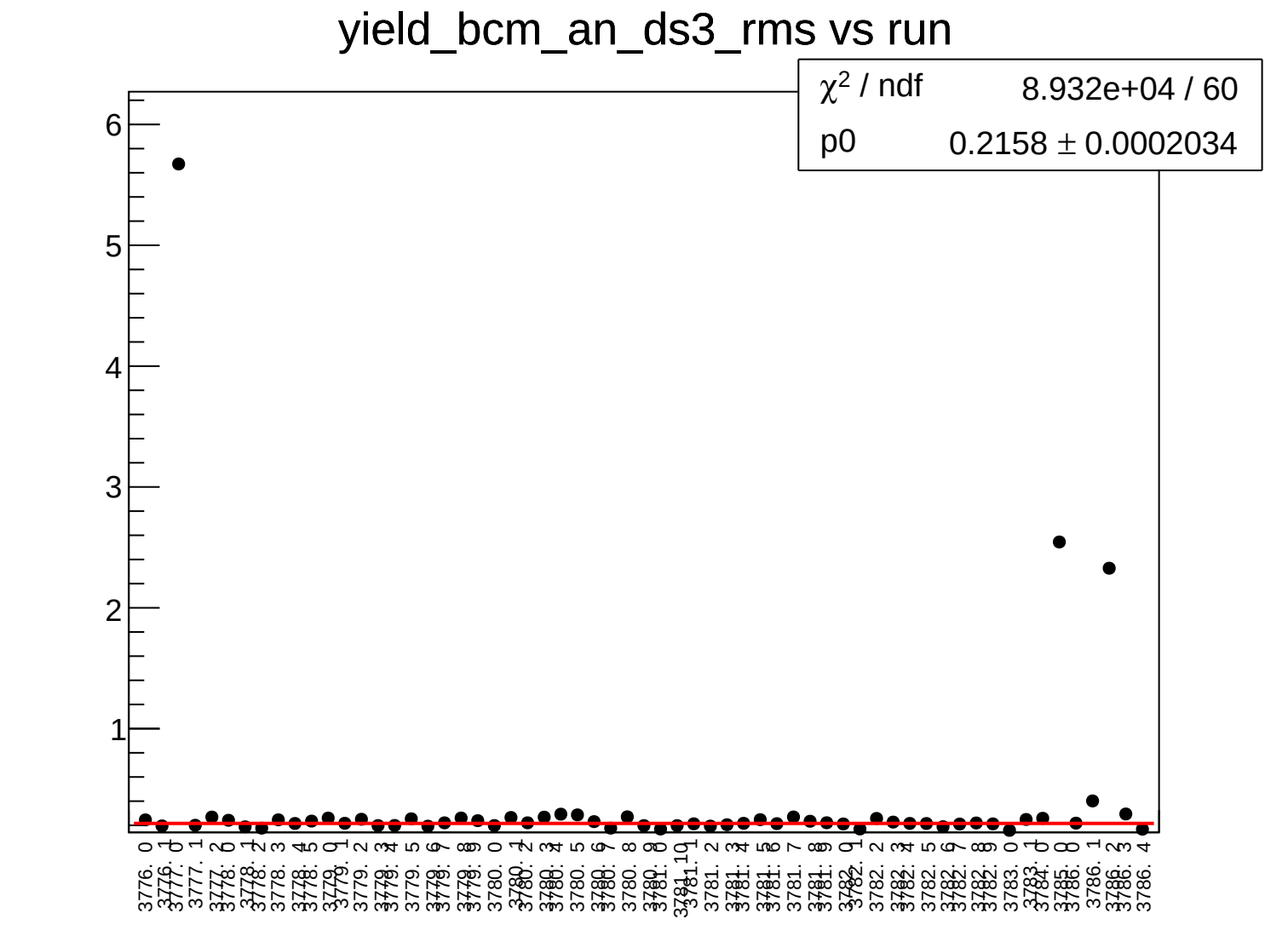

yield_bcm_an_ds_mean vs run
χ² / ndf 2.421e+05 / 60
p0 68.77 ± 0.0002807
pull
Entries 61
Mean −270.8
Std Dev 297.7

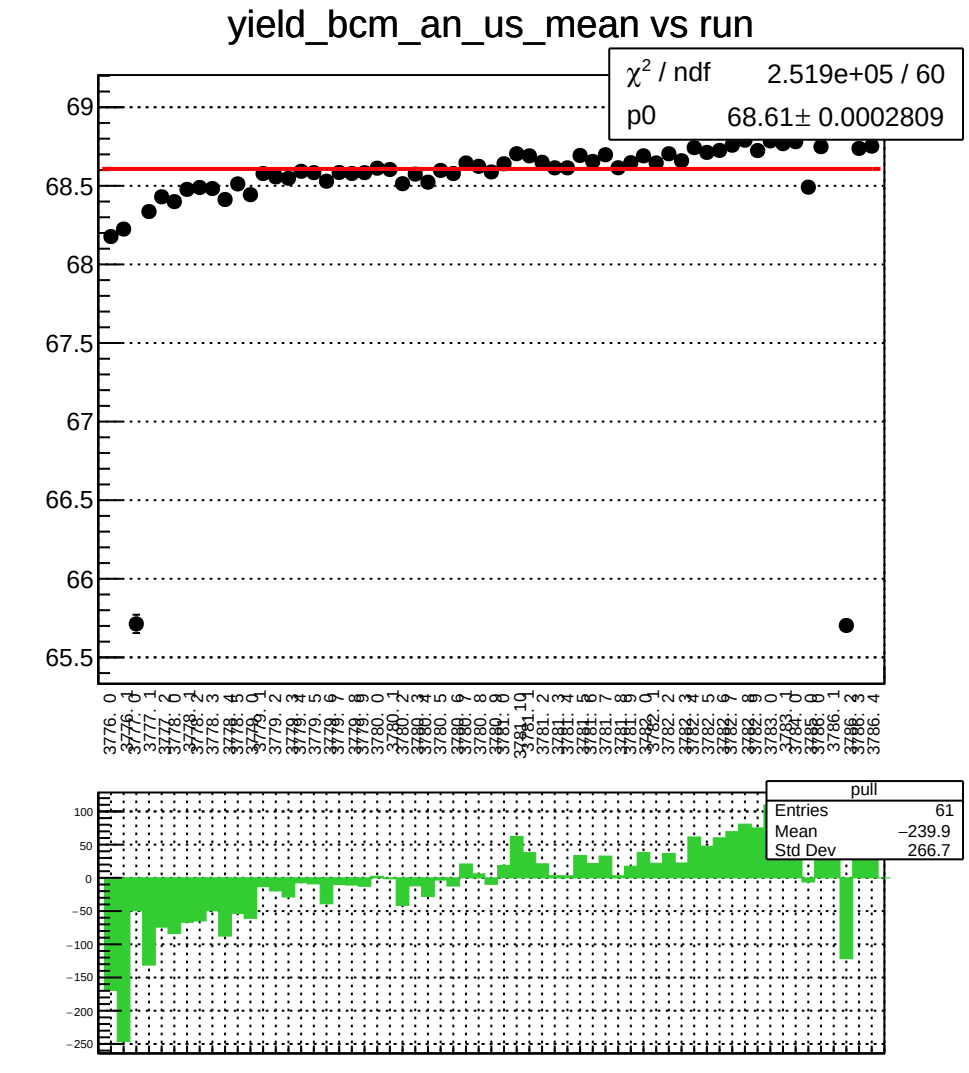

pull1D
Entries 61
Mean 1.746
Std Dev 5.027

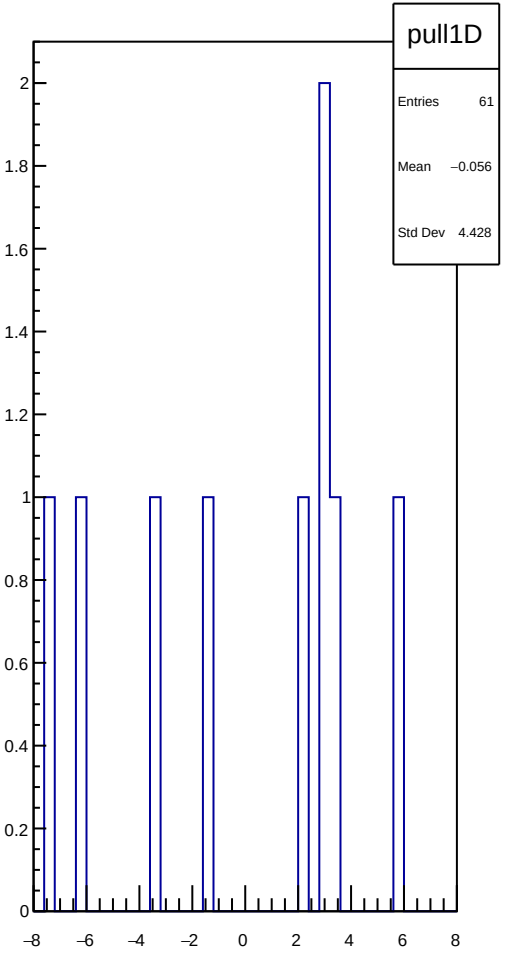

yield_bcm_an_ds_rms vs run
χ² / ndf 8.939e+04 / 60
p0 0.2106 ± 0.0001985
6
5
4
3
2
1

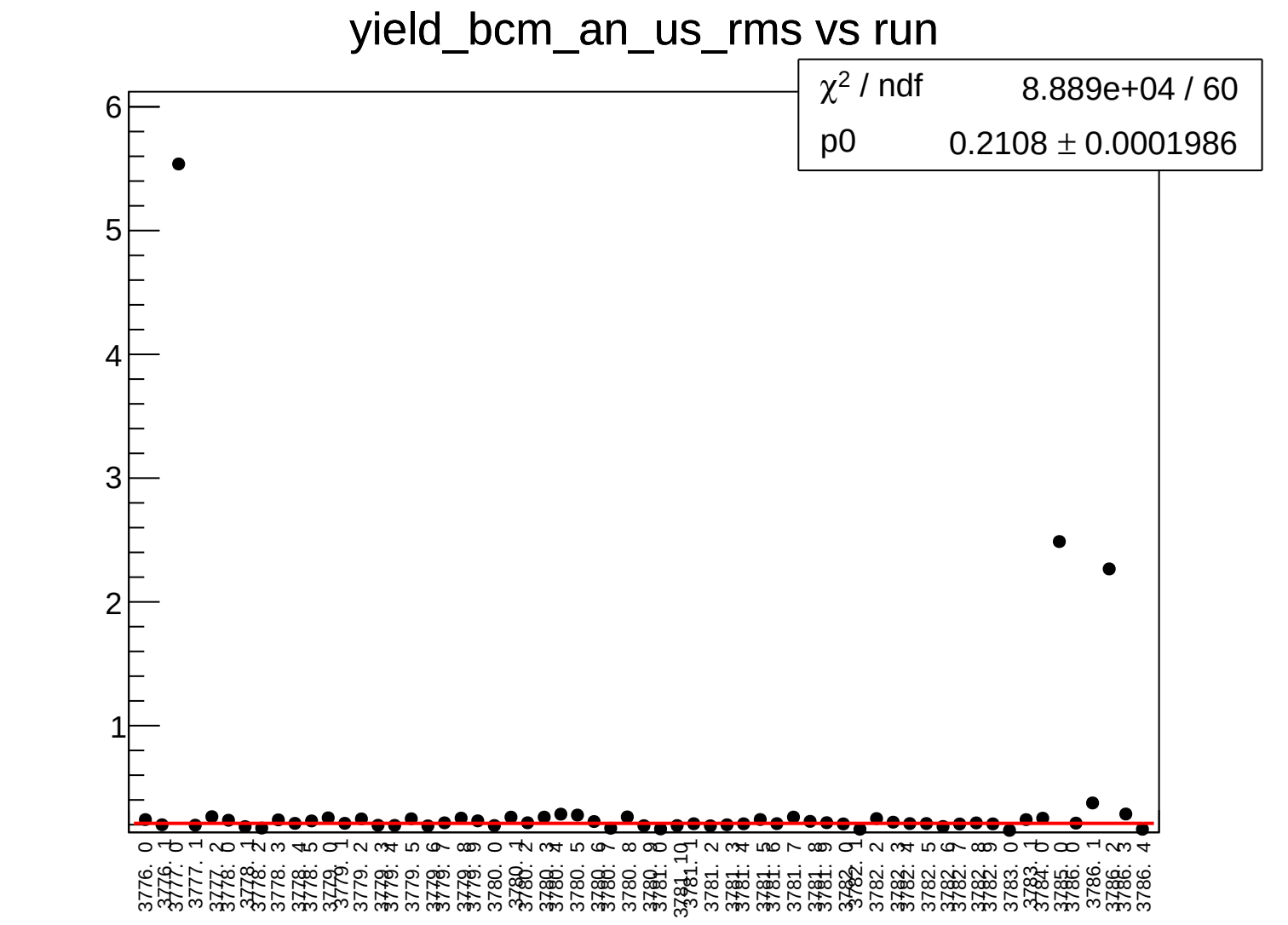

yield_bcm_an_ds3_mean vs run
χ² / ndf 2.437e+05 / 60
p0 69.31± 0.0002877
pull
Entries 61
Mean −292.3
Std Dev 318.9

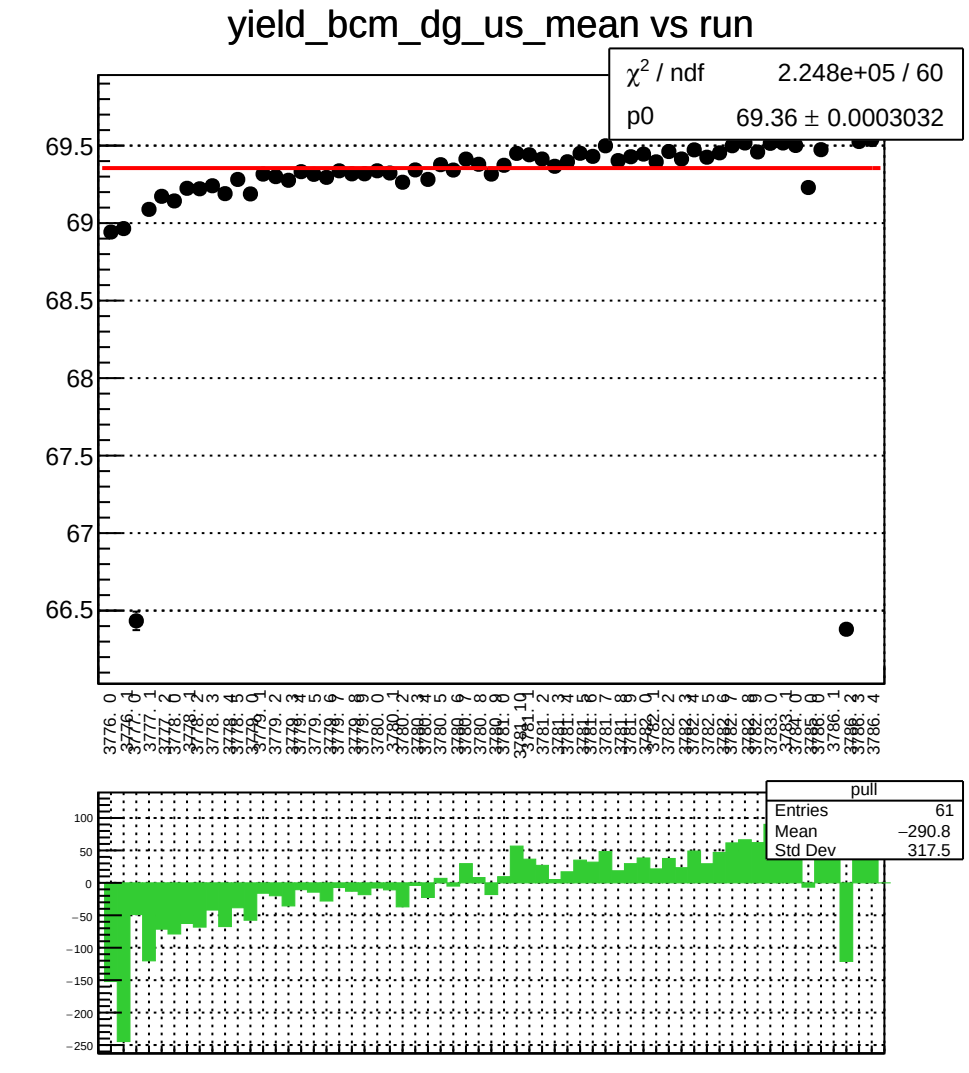

pull1D
Entries 61
Mean −0.4357
Std Dev 6.11

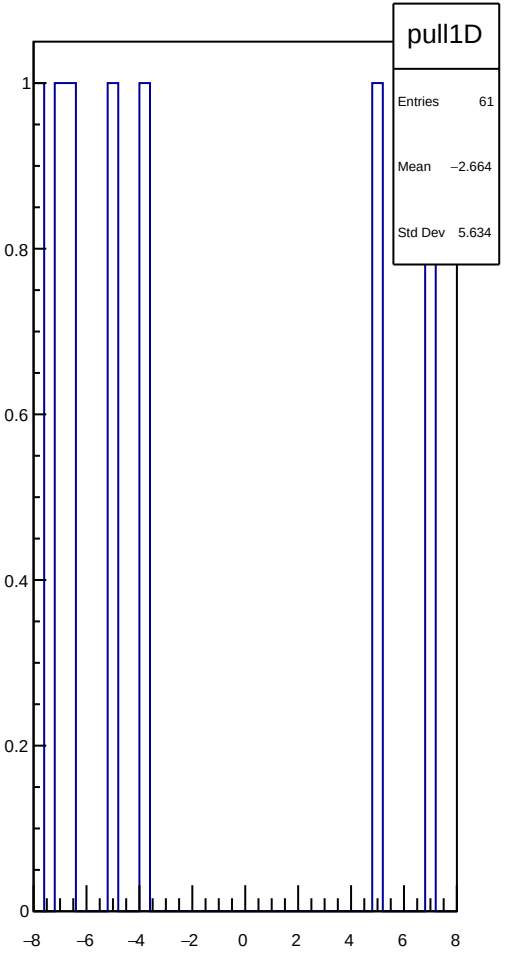

yield_bcm_an_ds3_rms vs run
χ² / ndf 8.932e+04 / 60
p0 0.2158 ± 0.0002034
6
5
4
3
2
1

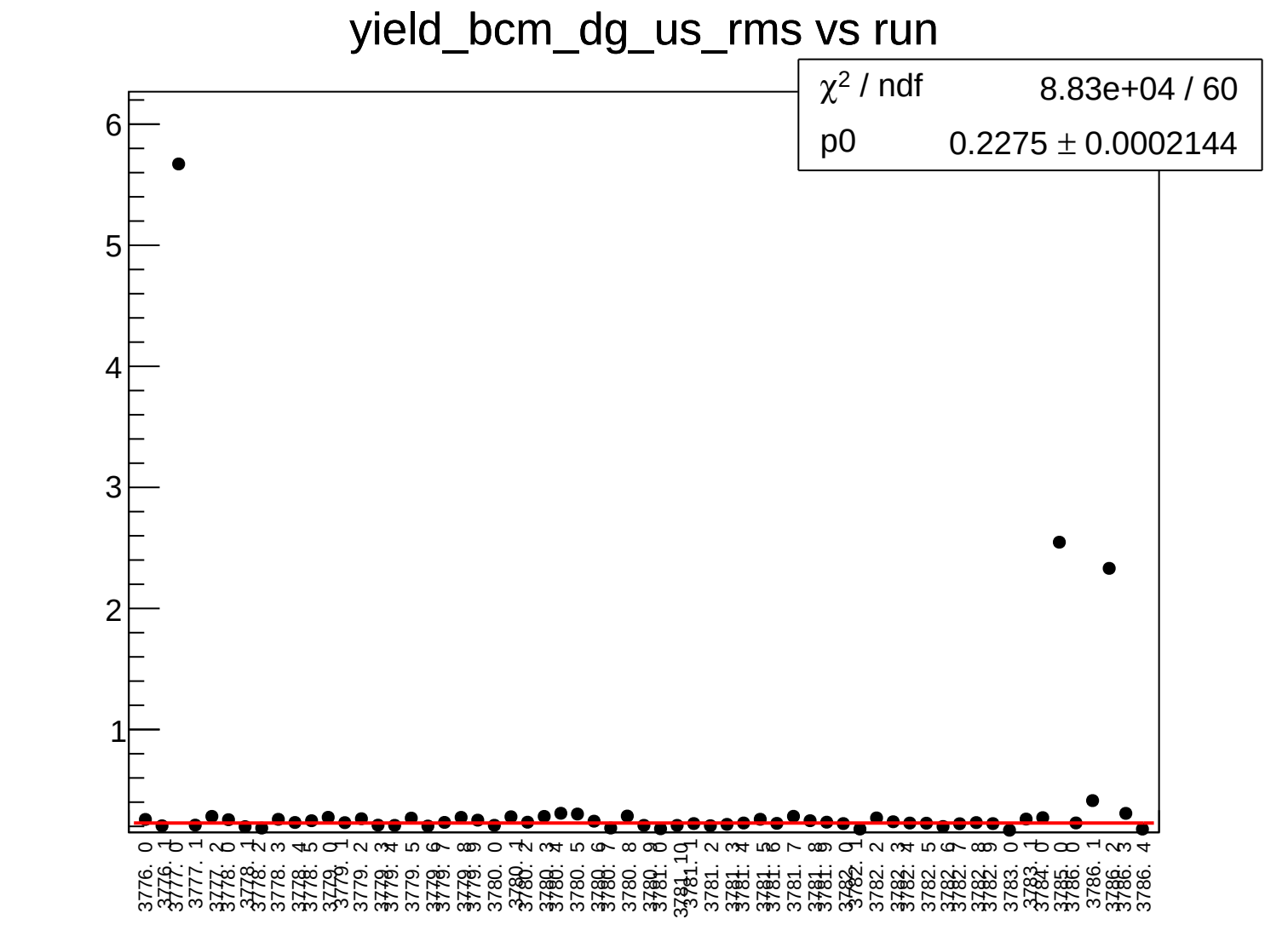

yield_bcm_an_us_mean vs run
χ² / ndf 2.519e+05 / 60
p0 68.61± 0.0002809
pull
Entries 61
Mean −239.9
Std Dev 266.7

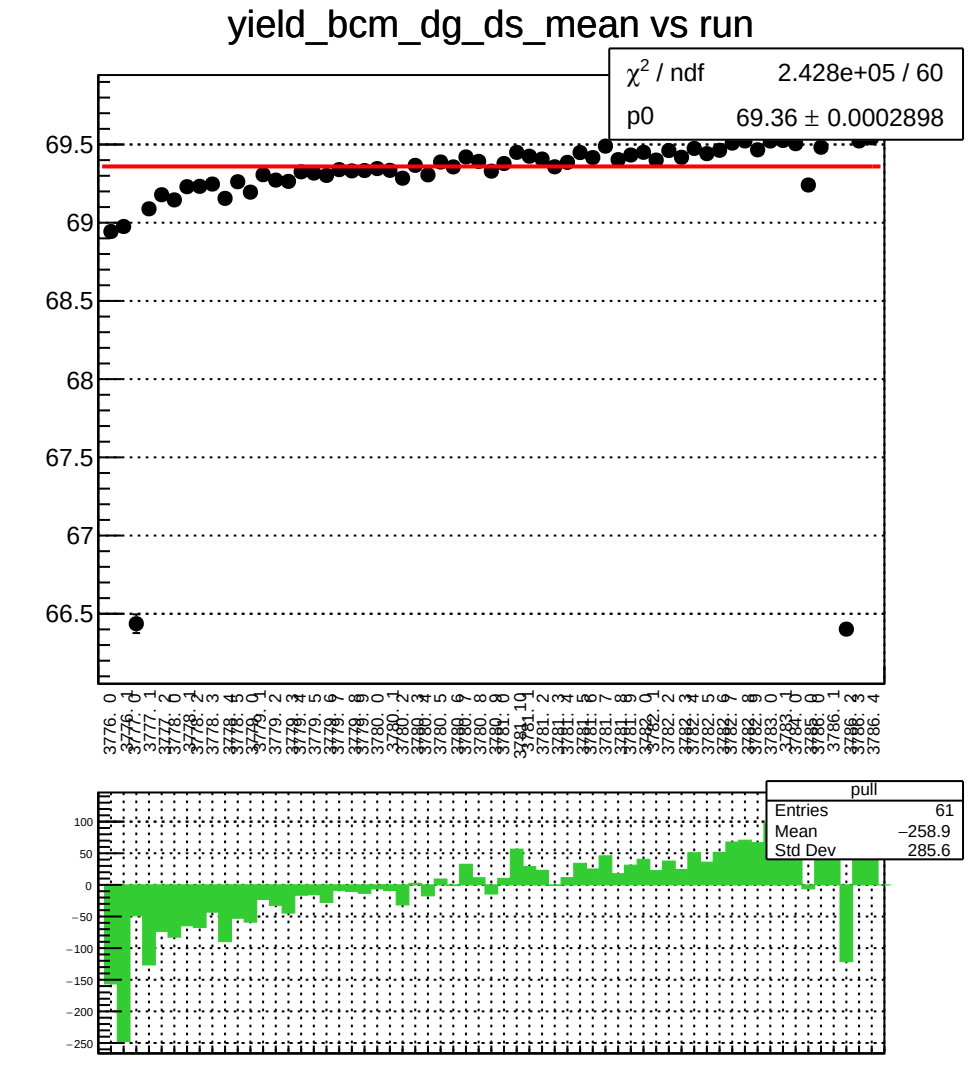

pull1D
Entries 61
Mean −0.056
Std Dev 4.428

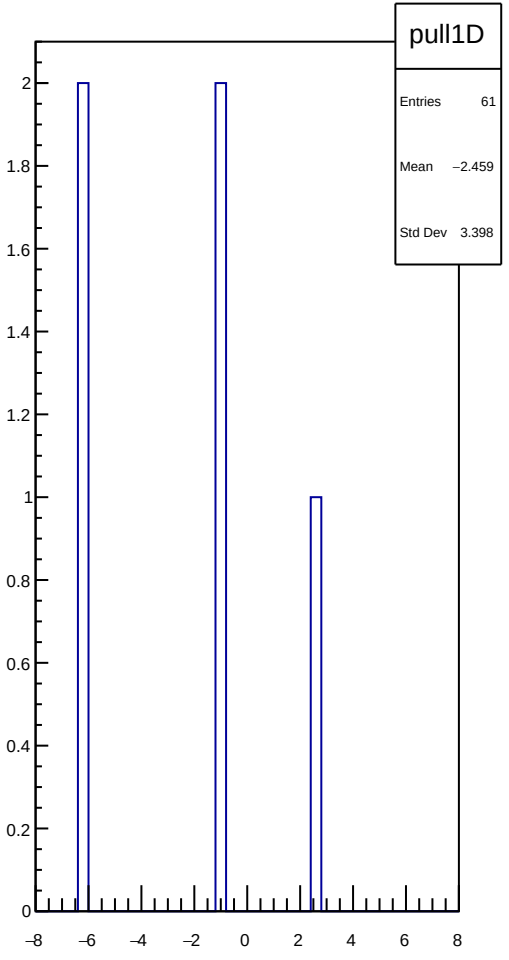

yield_bcm_an_us_rms vs run
χ² / ndf 8.889e+04 / 60
p0 0.2108 ± 0.0001986
6
5
4
3
2
1

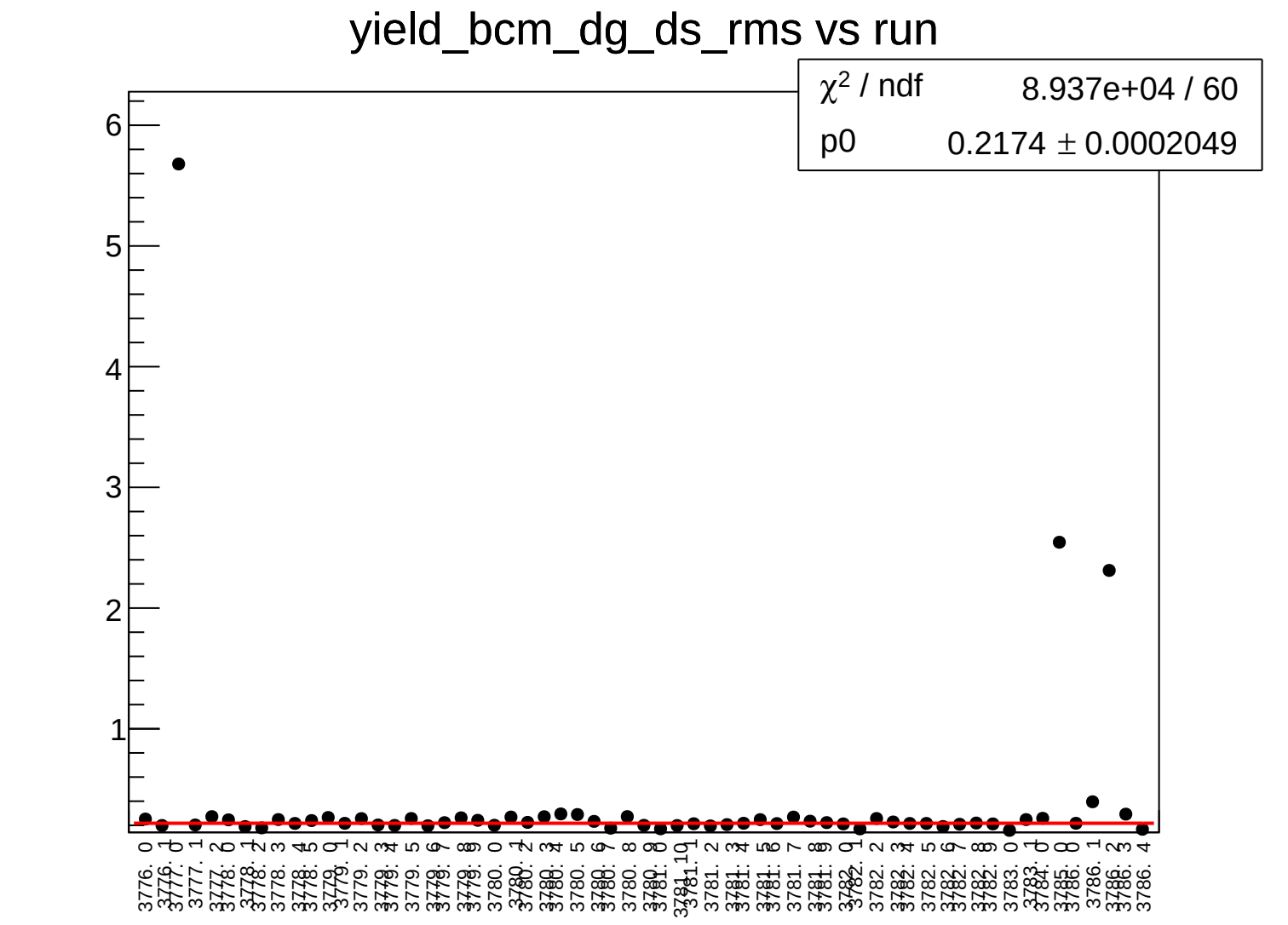

yield_bcm_dg_us_mean vs run
χ² / ndf 2.248e+05 / 60
p0 69.36 ± 0.0003032
pull
Entries 61
Mean −290.8
Std Dev 317.5

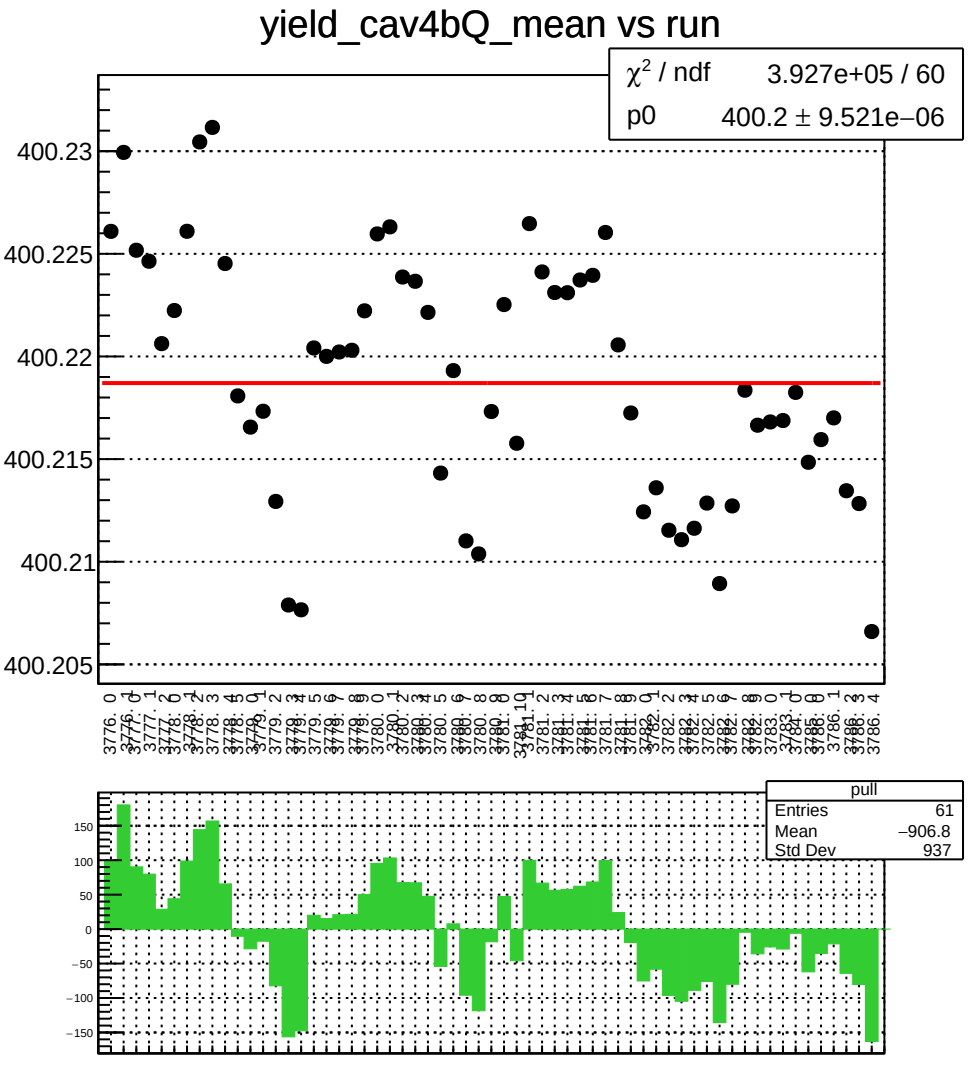

pull1D
Entries 61
Mean −2.664
Std Dev 5.634

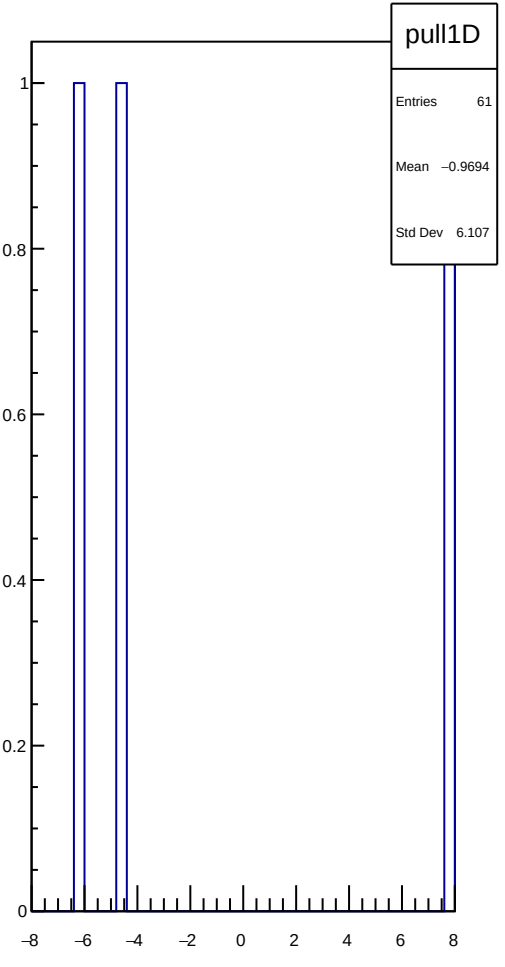

yield_bcm_dg_us_rms vs run
χ² / ndf 8.83e+04 / 60
p0 0.2275 ± 0.0002144
6
5
4
3
2
1

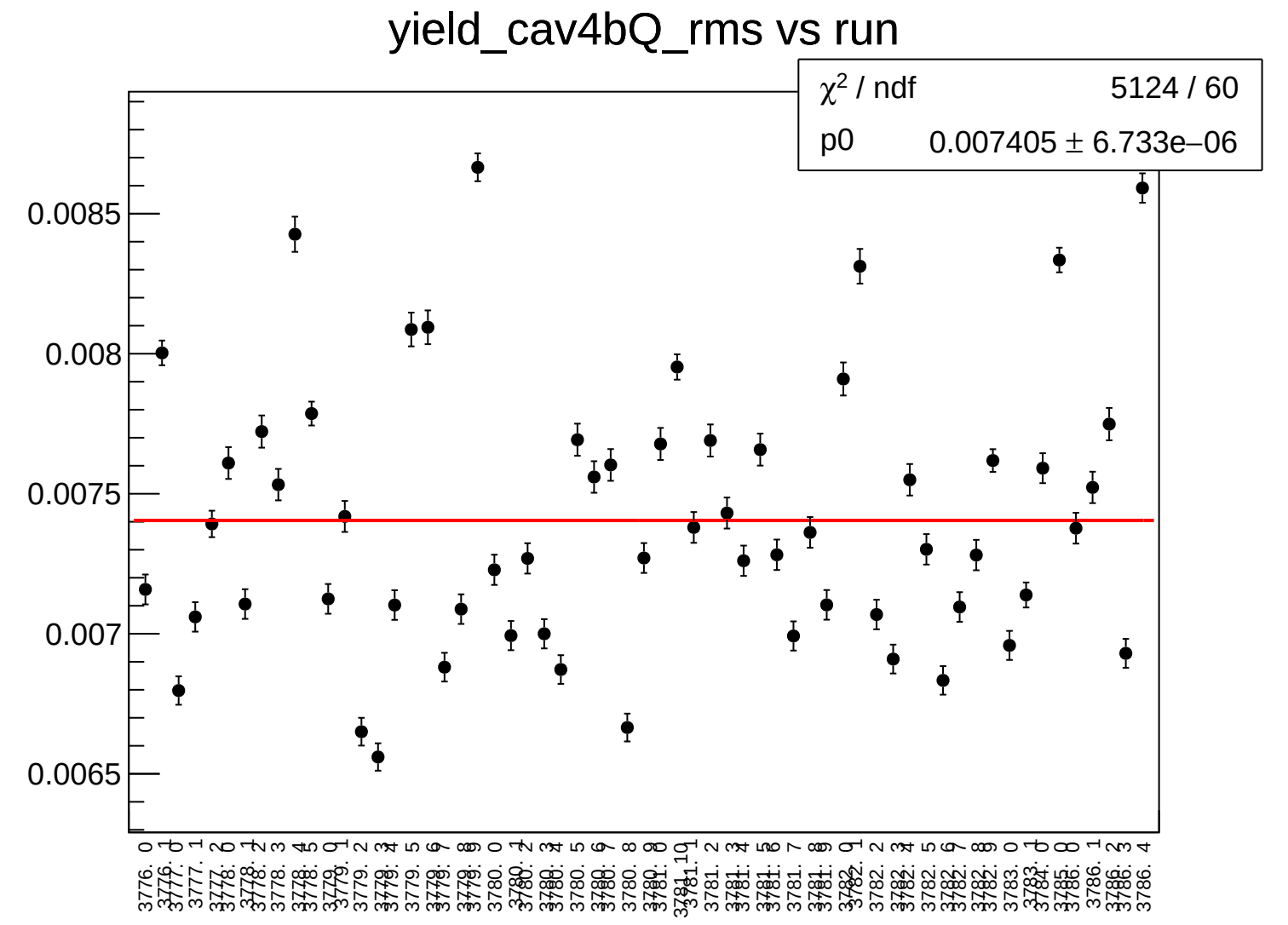

yield_bcm_dg_ds_mean vs run
χ² / ndf 2.428e+05 / 60
p0 69.36 ± 0.0002898
pull
Entries 61
Mean −258.9
Std Dev 285.6

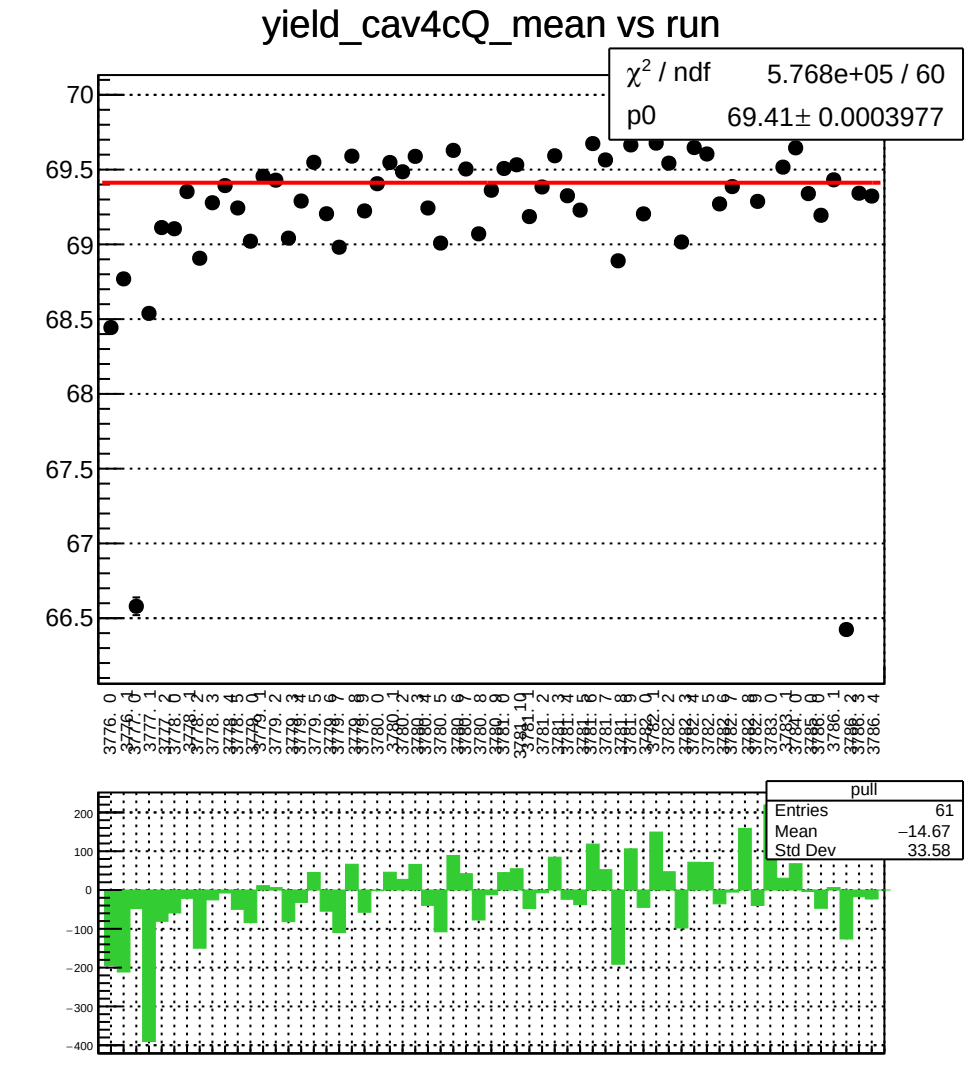

pull1D
Entries 61
Mean −2.459
Std Dev 3.398

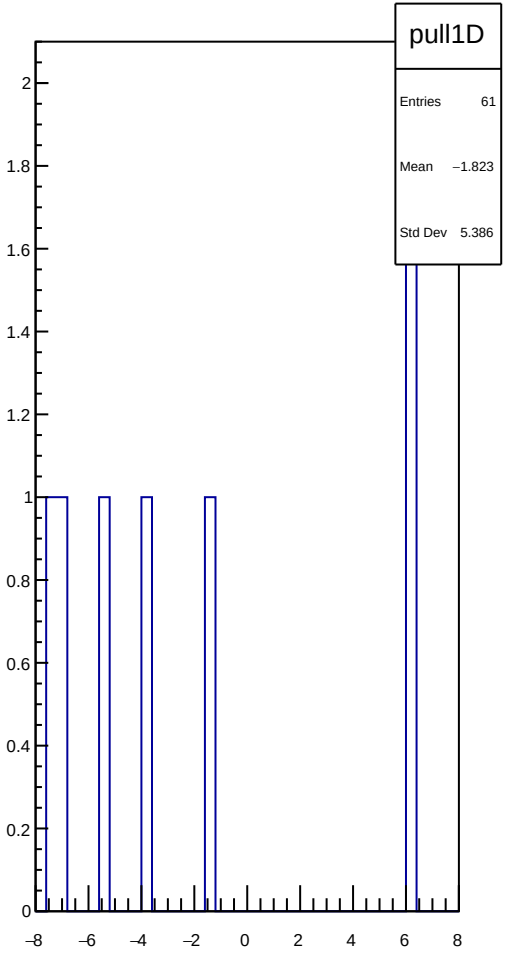

yield_bcm_dg_ds_rms vs run
χ² / ndf 8.937e+04 / 60
p0 0.2174 ± 0.0002049
6
5
4
3
2
1

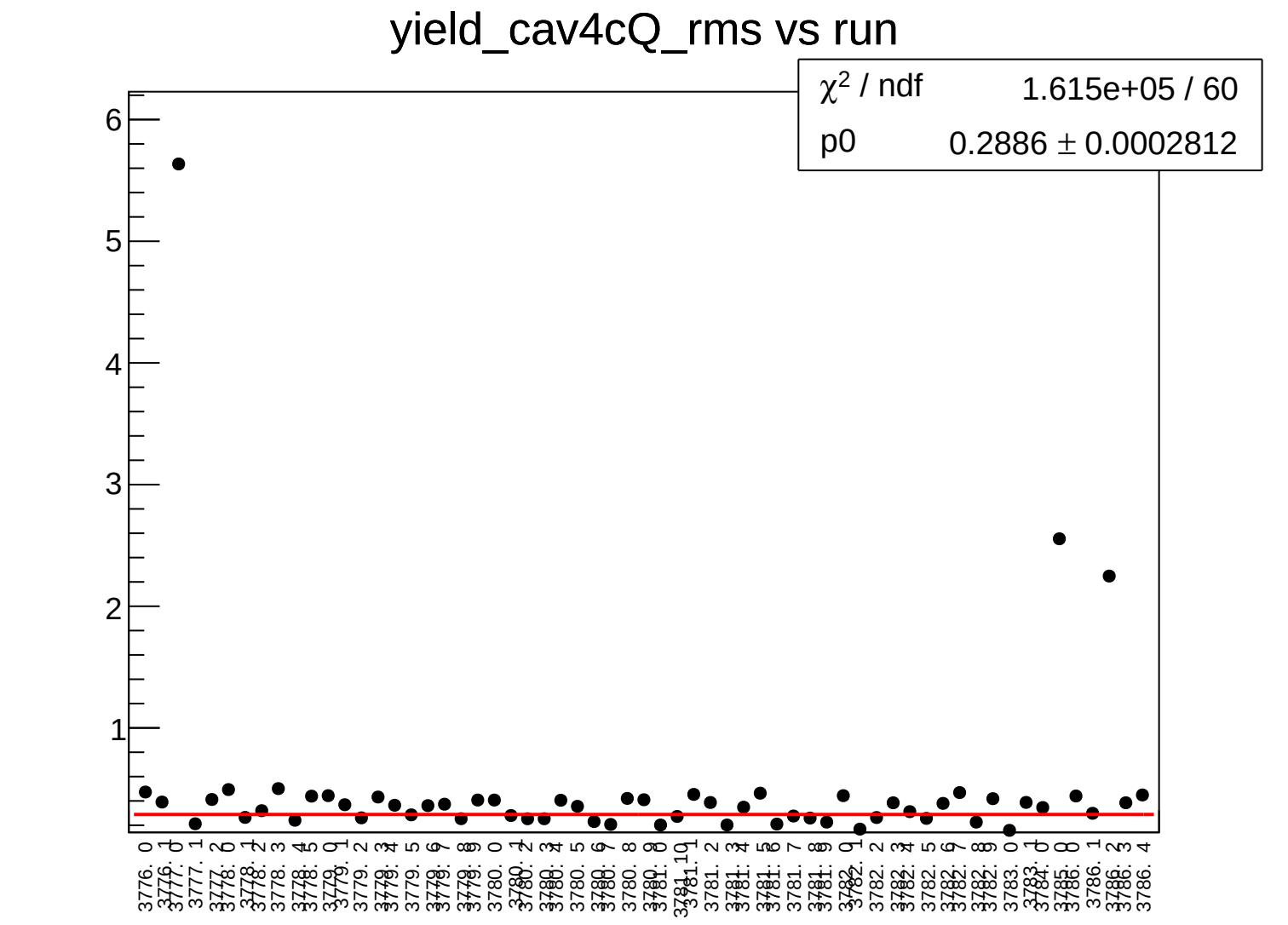

yield_cav4bQ_mean vs run
χ² / ndf 3.927e+05 / 60
p0 400.2 ± 9.521e−06
400.23
400.225
400.22
400.215
400.21
400.205
pull
Entries 61
Mean −906.8
Std Dev 937
150
100
50
0
−50
−100
−150

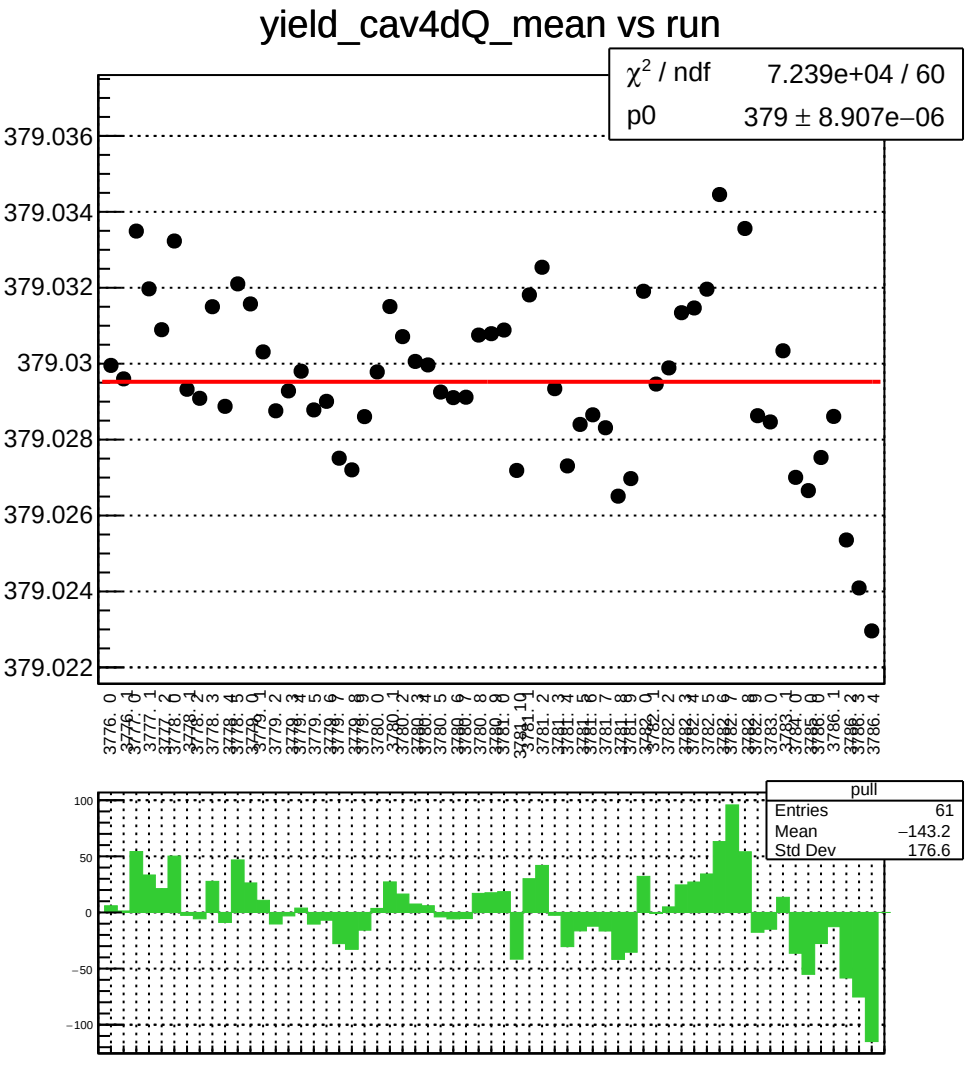

pull1D
Entries 61
Mean −0.9694
Std Dev 6.107
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

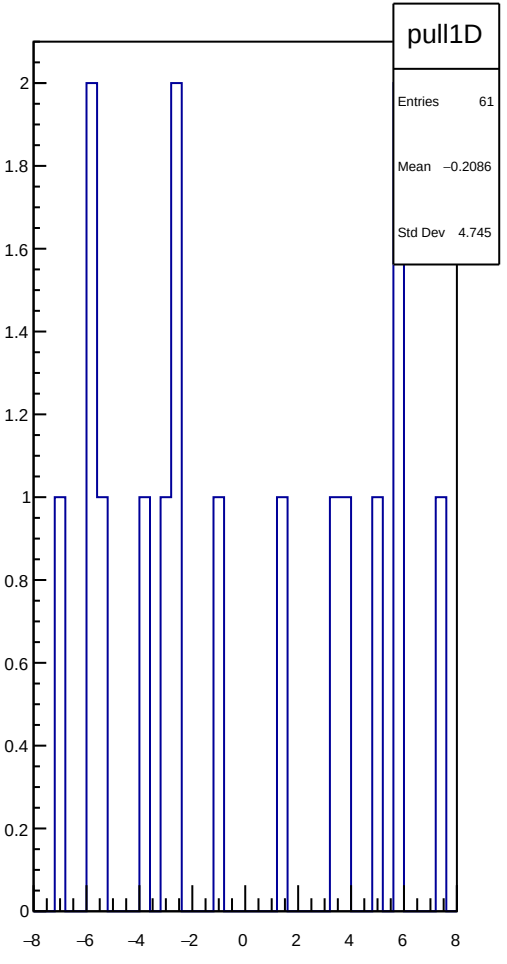

yield_cav4bQ_rms vs run
χ² / ndf 5124 / 60
p0 0.007405 ± 6.733e−06
0.0085
0.008
0.0075
0.007
0.0065

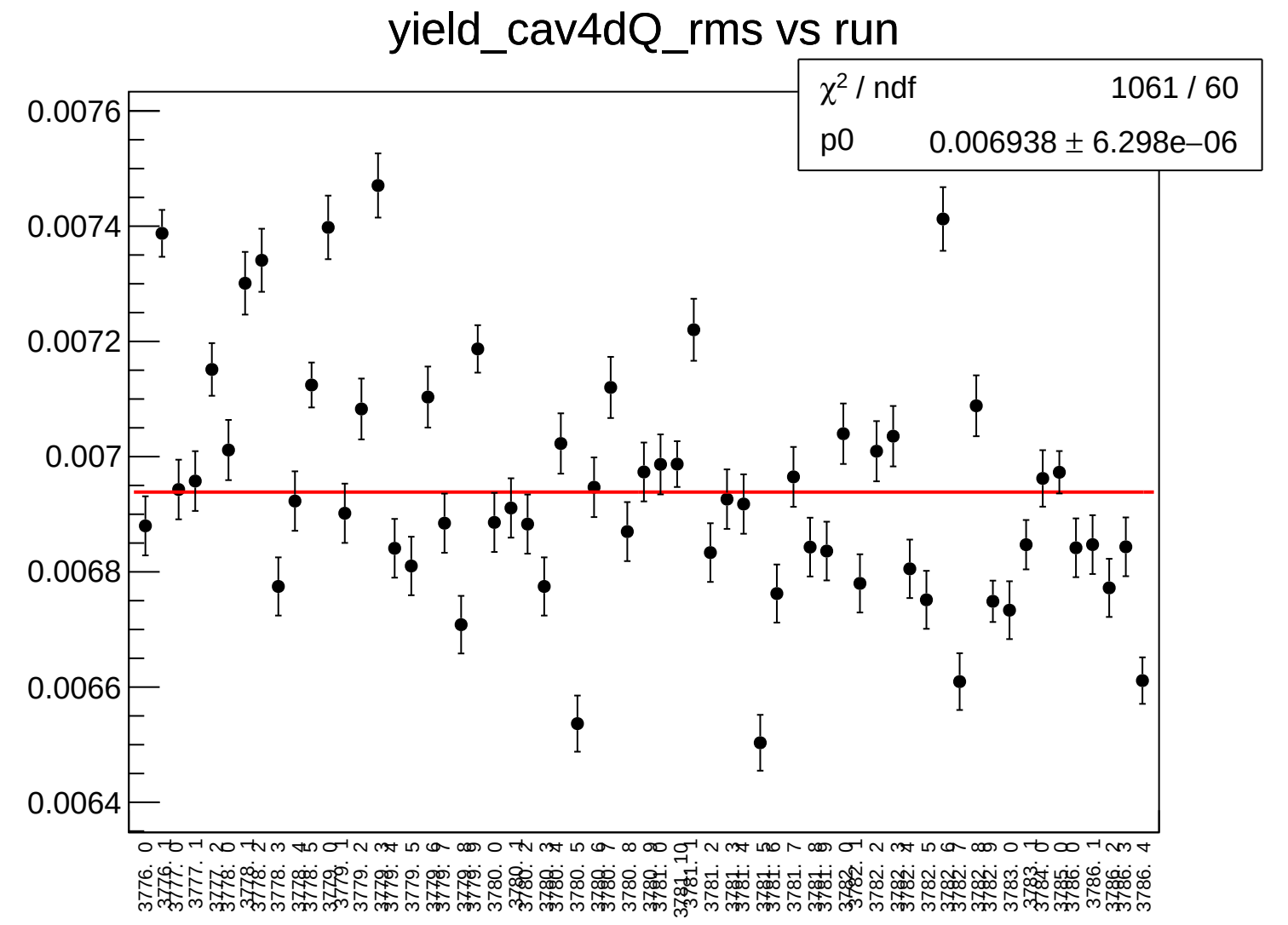

yield_cav4cQ_mean vs run
χ² / ndf 5.768e+05 / 60
p0 69.41± 0.0003977
70
69.5
69
68.5
68
67.5
67
66.5
pull
Entries 61
Mean −14.67
Std Dev 33.58
200
100
0
−100
−200
−300
−400

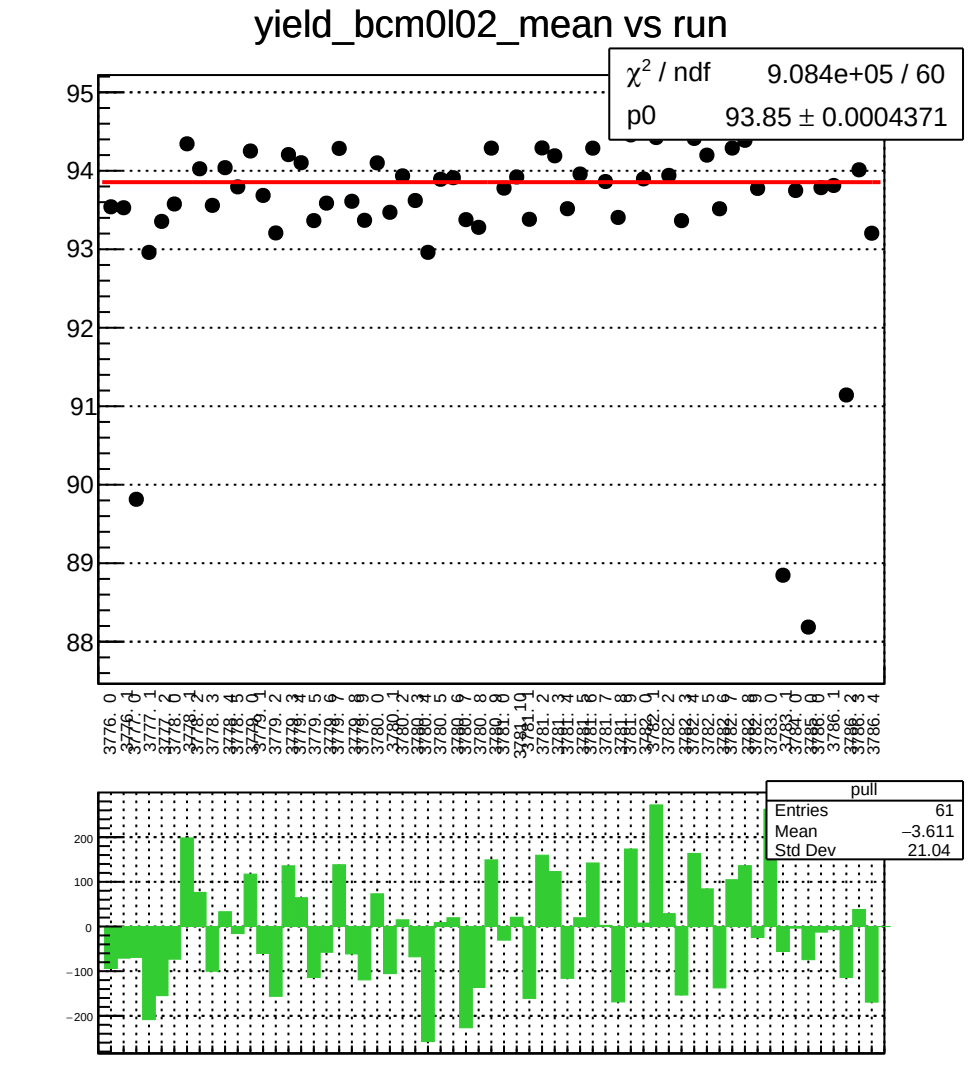

pull1D
Entries 61
Mean −1.823
Std Dev 5.386
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

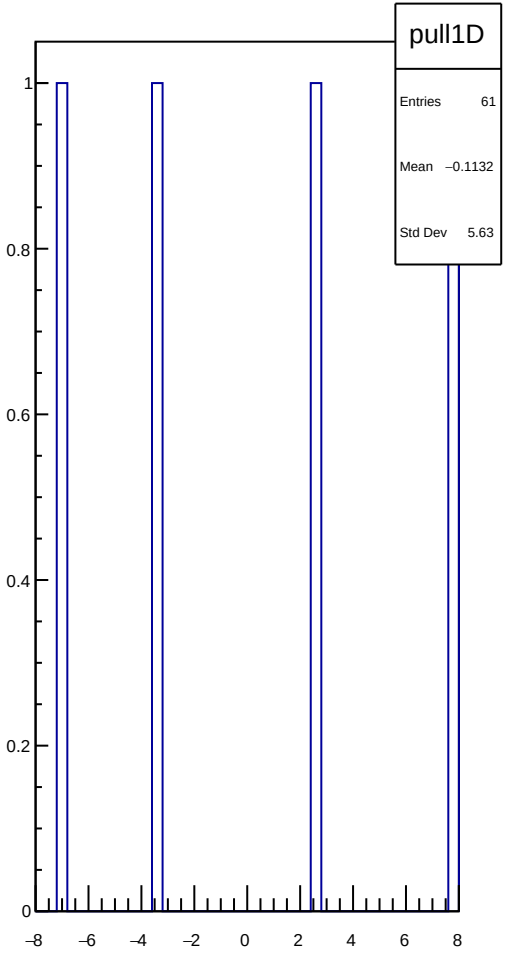

yield_cav4cQ_rms vs run
χ² / ndf 1.615e+05 / 60
p0 0.2886 ± 0.0002812
6
5
4
3
2
1

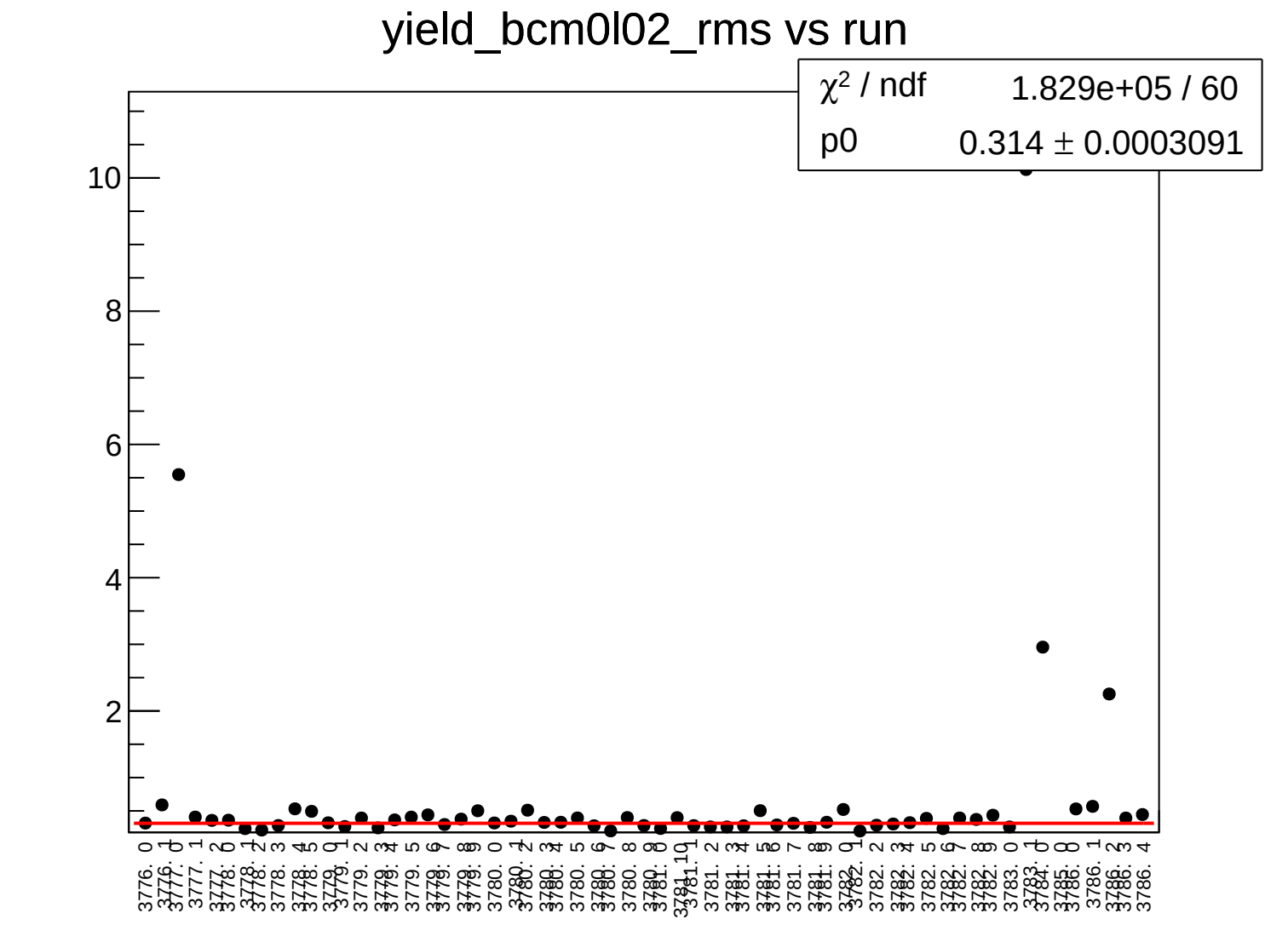

yield_cav4dQ_mean vs run
χ² / ndf 7.239e+04 / 60
p0 379 ± 8.907e−06
379.036
379.034
379.032
379.03
379.028
379.026
379.024
379.022
pull
Entries 61
Mean −143.2
Std Dev 176.6
100
50
0
−50
−100

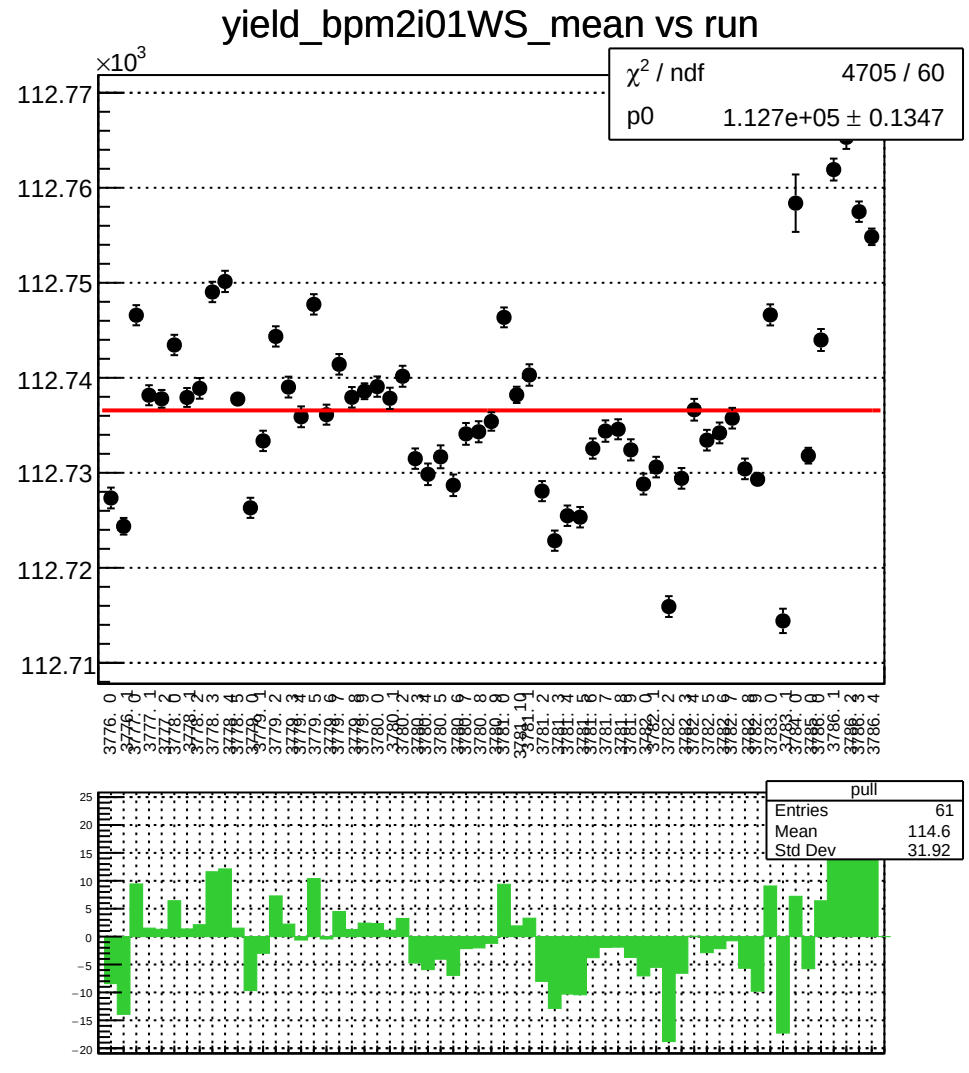

pull1D
Entries 61
Mean −0.2086
Std Dev 4.745
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

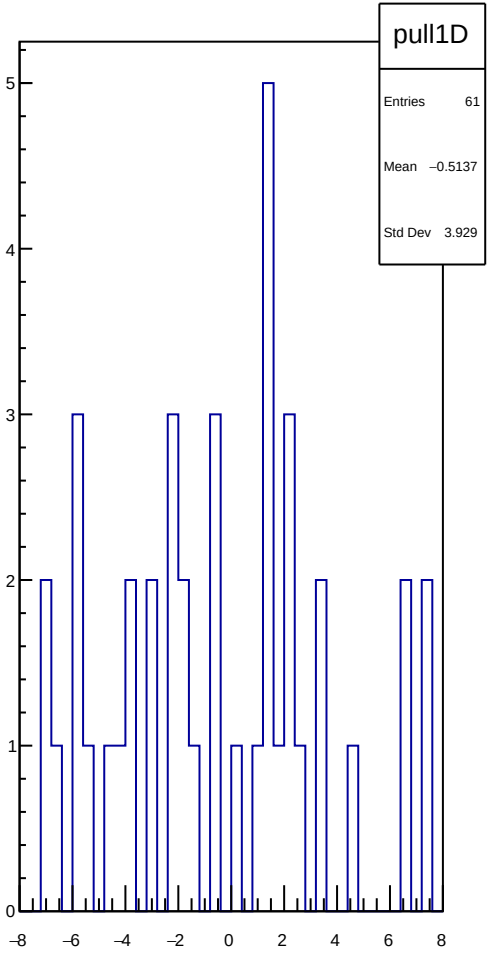

yield_cav4dQ_rms vs run
χ² / ndf 1061 / 60
p0 0.006938 ± 6.298e−06
0.0076
0.0074
0.0072
0.007
0.0068
0.0066
0.0064

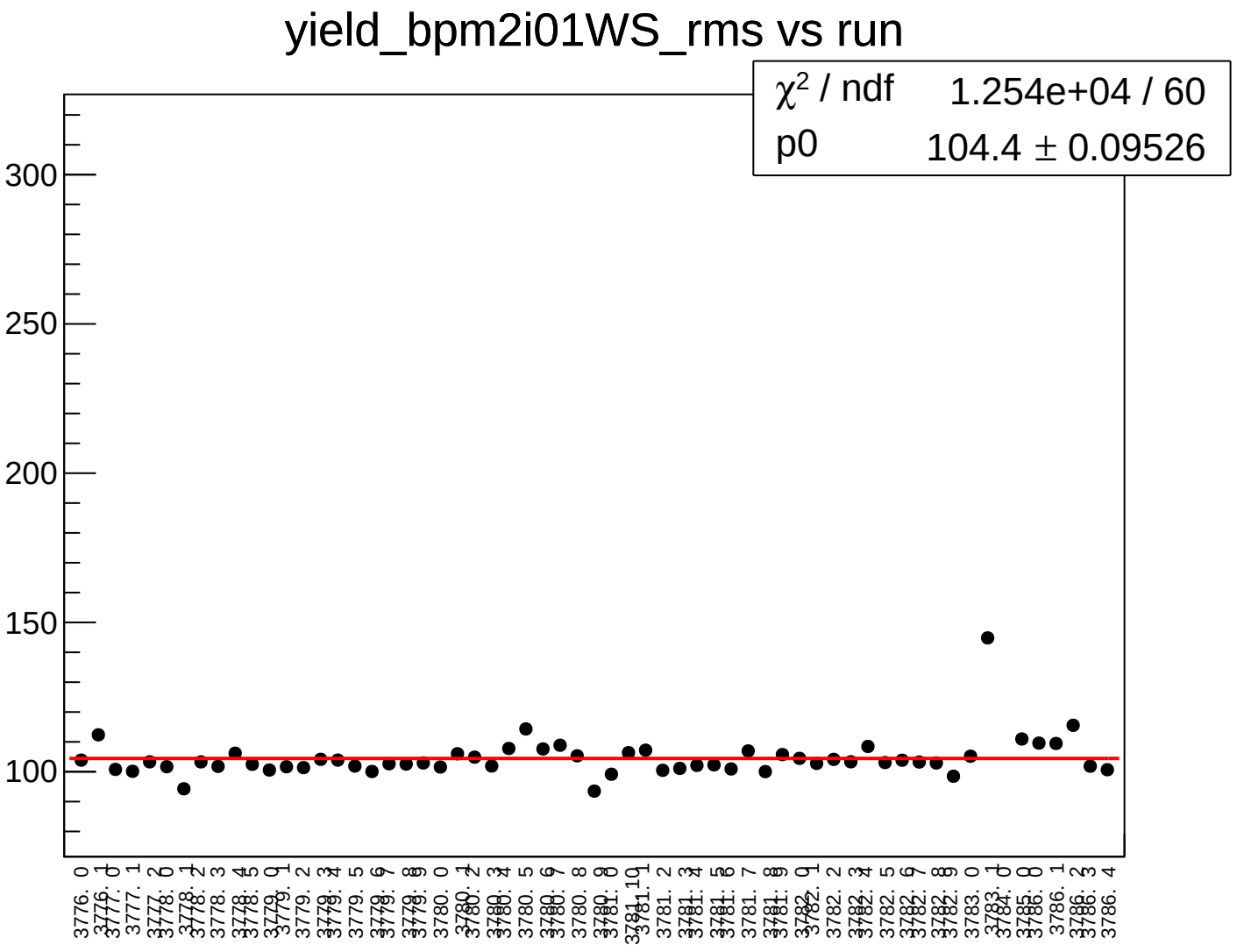

yield_bcm0l02_mean vs run
χ² / ndf 9.084e+05 / 60
p0 93.85 ± 0.0004371
pull
Entries 61
Mean −3.611
Std Dev 21.04

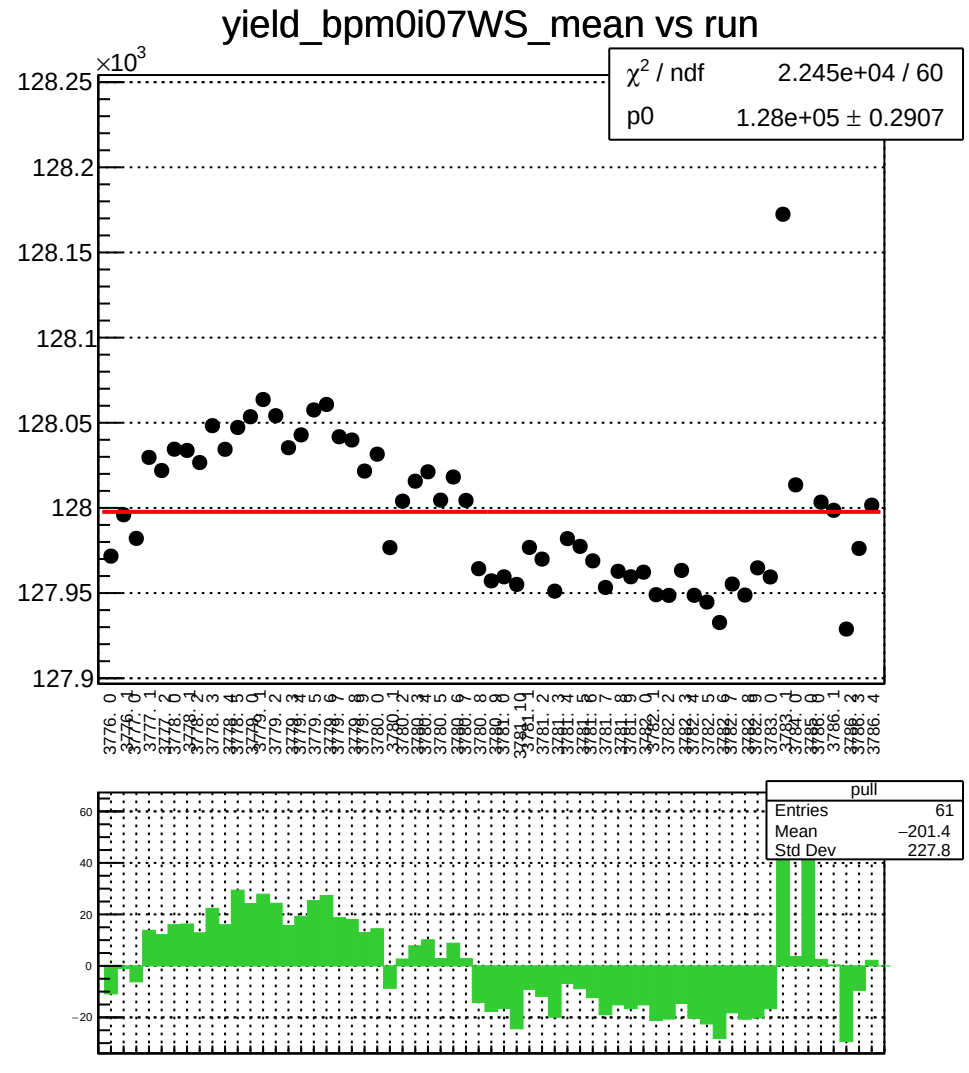

pull1D
Entries 61
Mean −0.1132
Std Dev 5.63

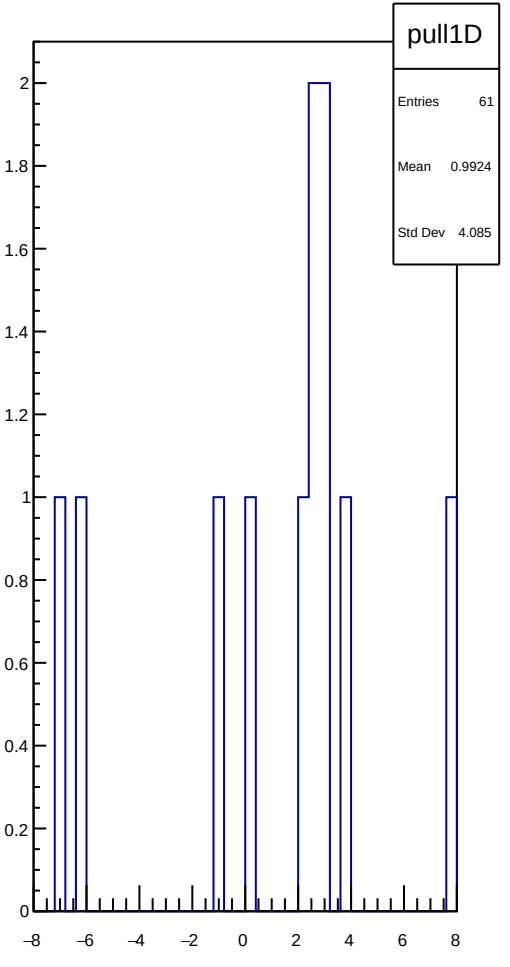

yield_bcm0l02_rms vs run
χ² / ndf 1.829e+05 / 60
p0 0.314 ± 0.0003091
10
8
6
4
2

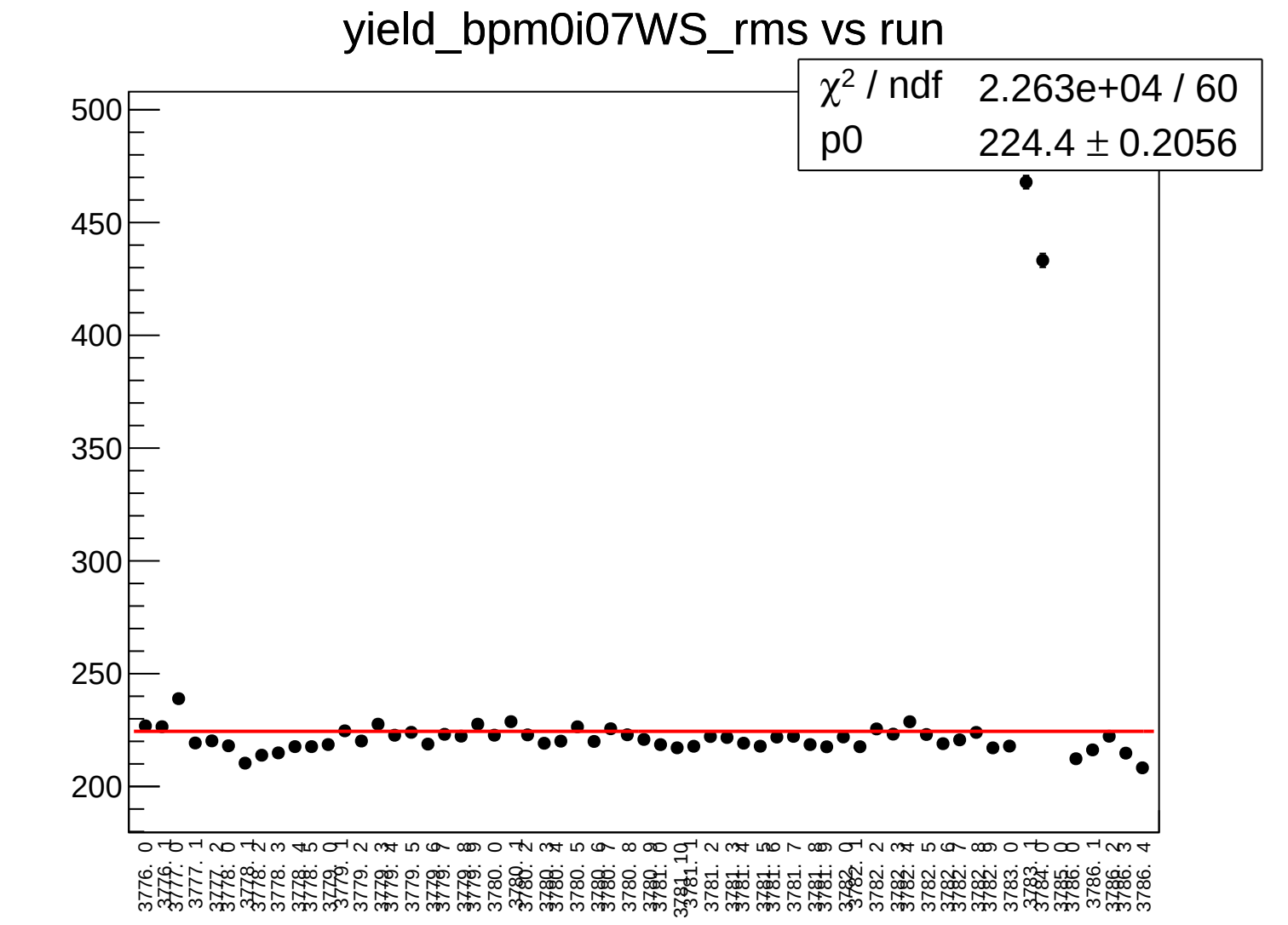

yield_bpm2i01WS_mean vs run
×10^3
112.77
112.76
112.75
112.74
112.73
112.72
112.71
χ² / ndf 4705 / 60
p0 1.127e+05 ± 0.1347
pull
Entries 61
Mean 114.6
Std Dev 31.92
25
20
15
10
5
0
−5
−10
−15
−20

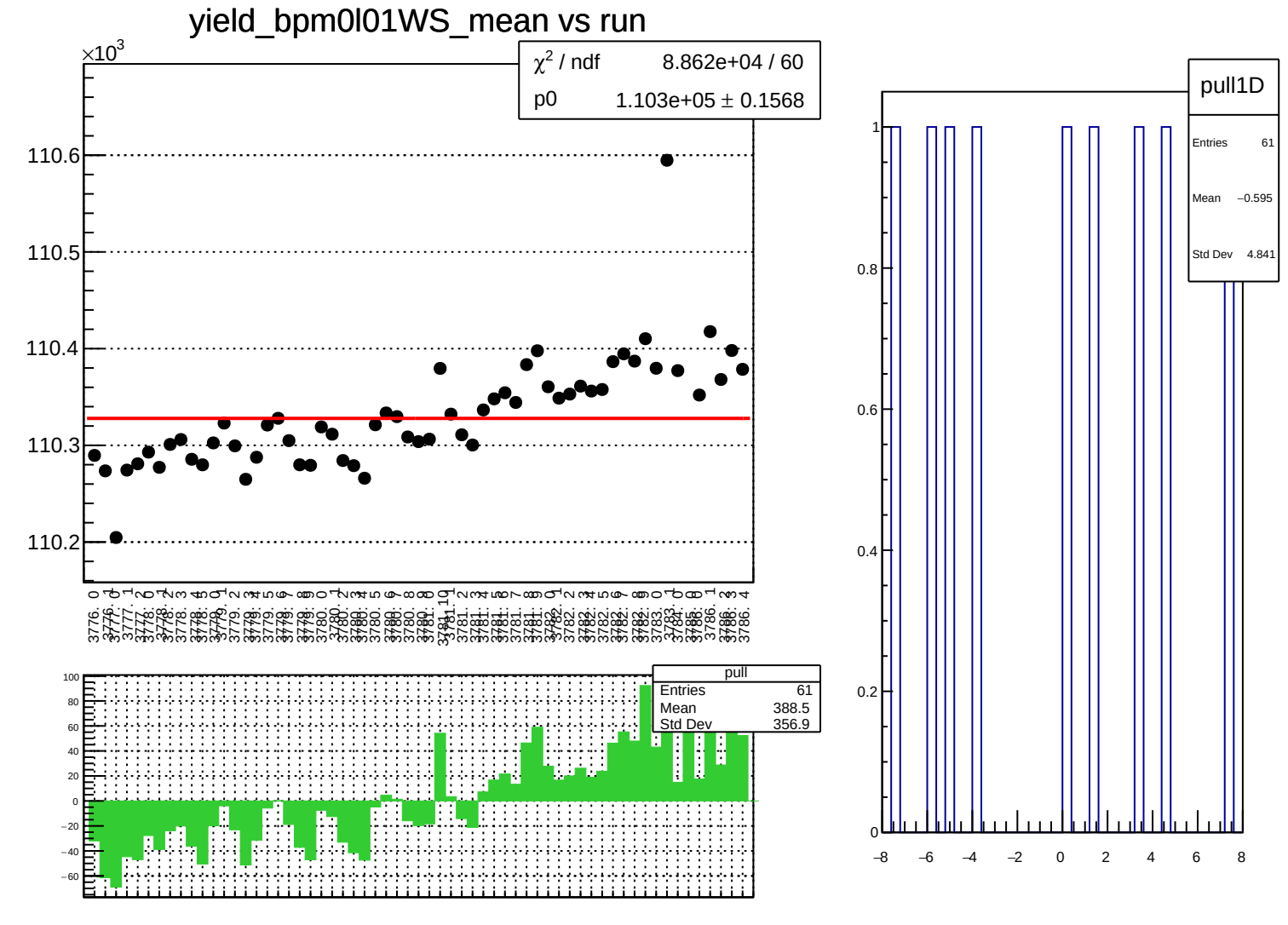

pull1D
Entries 61
Mean −0.5137
Std Dev 3.929
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

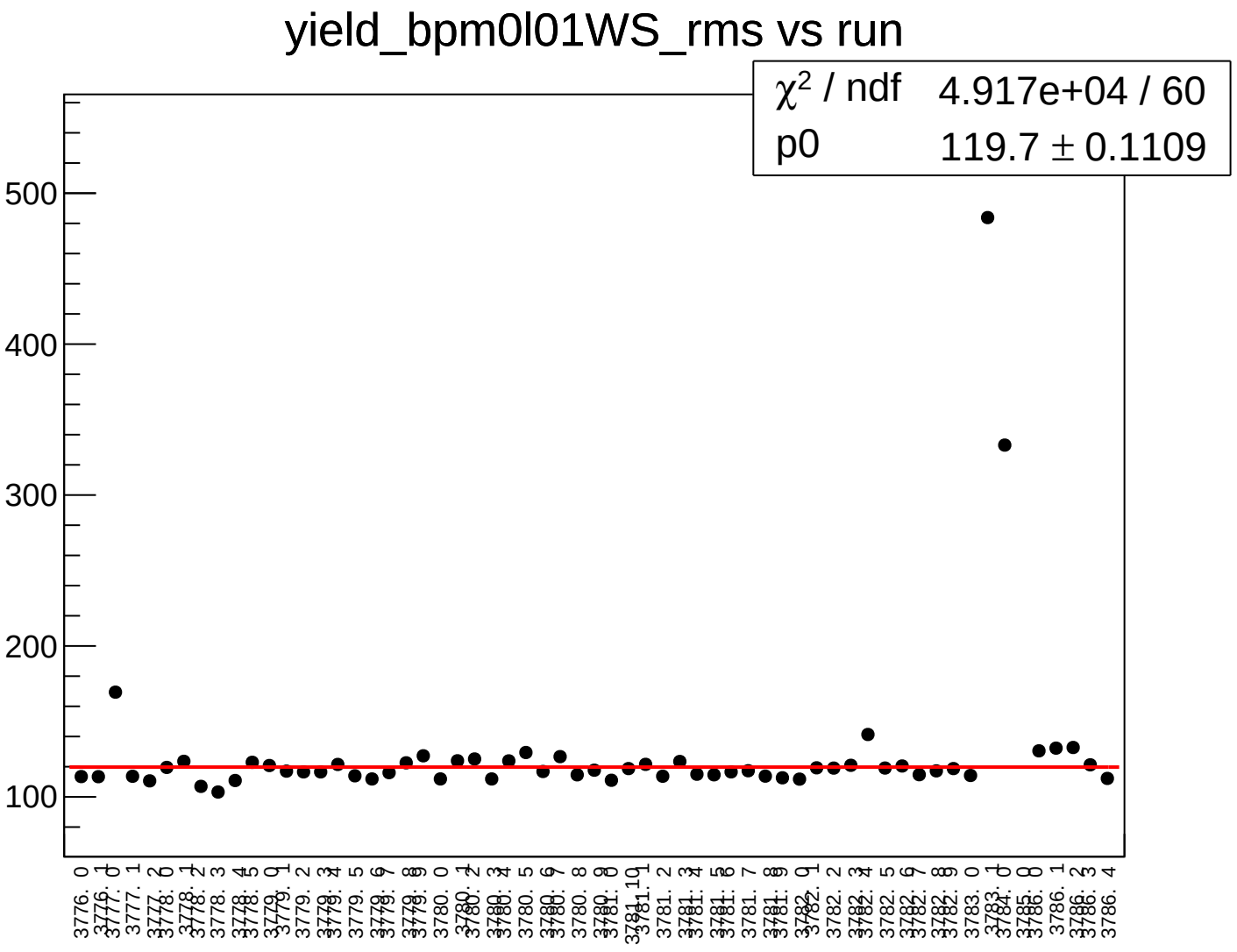

yield_bpm2i01WS_rms vs run
χ² / ndf 1.254e+04 / 60
p0 104.4 ± 0.09526
300
250
200
150
100

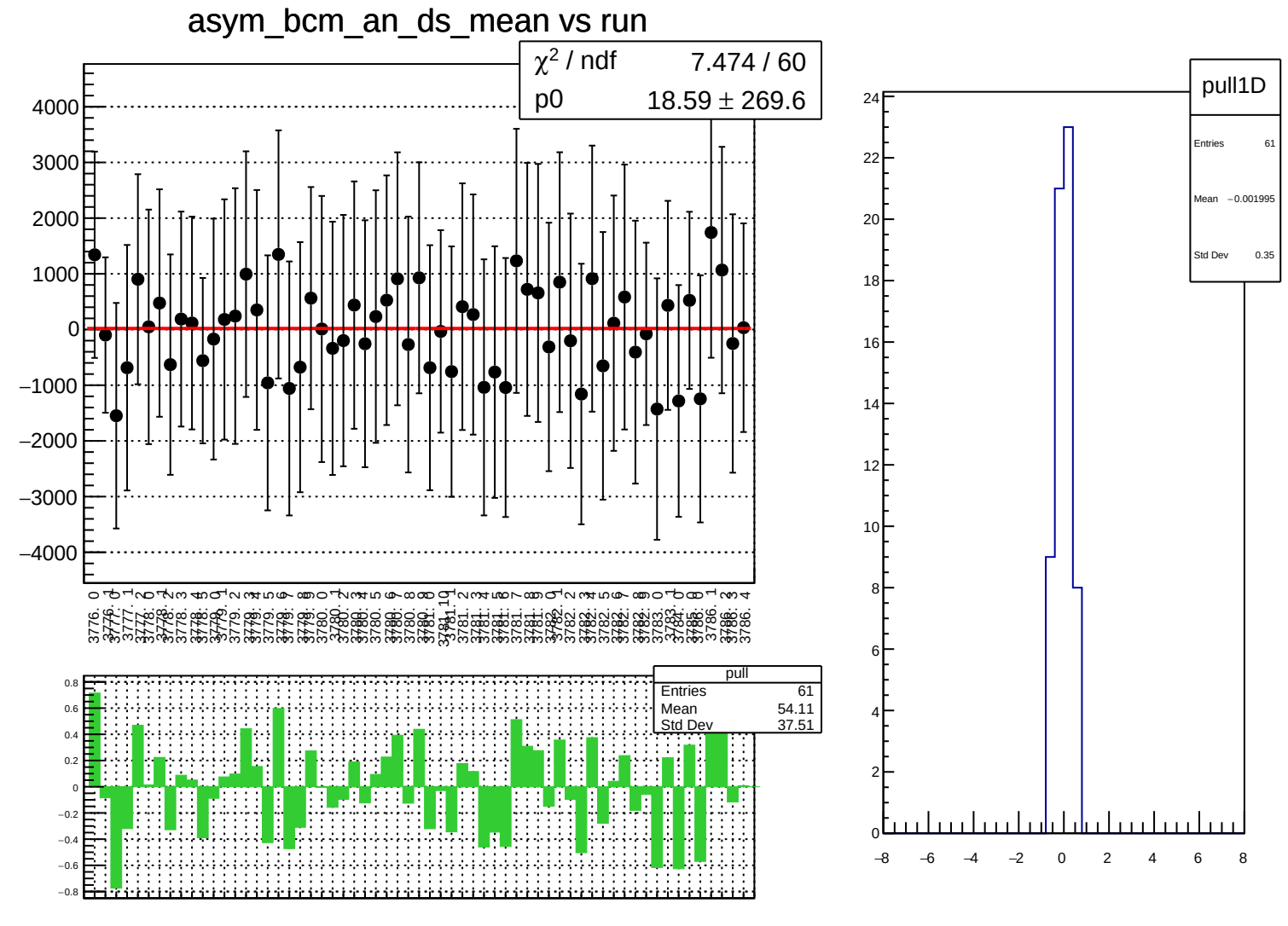

yield_bpm0i07WS_mean vs run
×10^3
χ² / ndf 2.245e+04 / 60
p0 1.28e+05 ± 0.2907
128.25
128.2
128.15
128.1
128.05
128
127.95
127.9
pull
Entries 61
Mean −201.4
Std Dev 227.8
60
40
20
0
−20

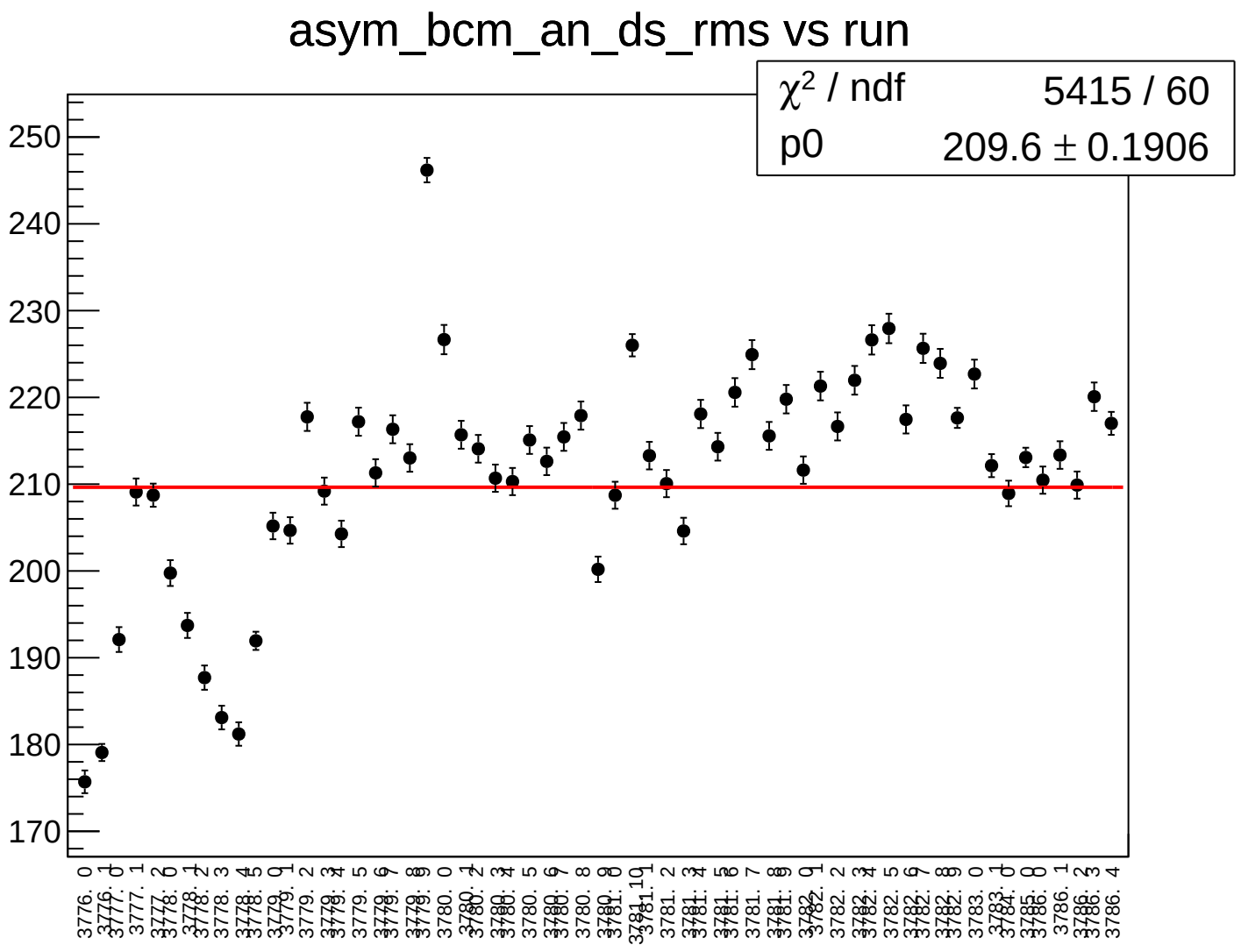

pull1D
Entries 61
Mean 0.9924
Std Dev 4.085
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

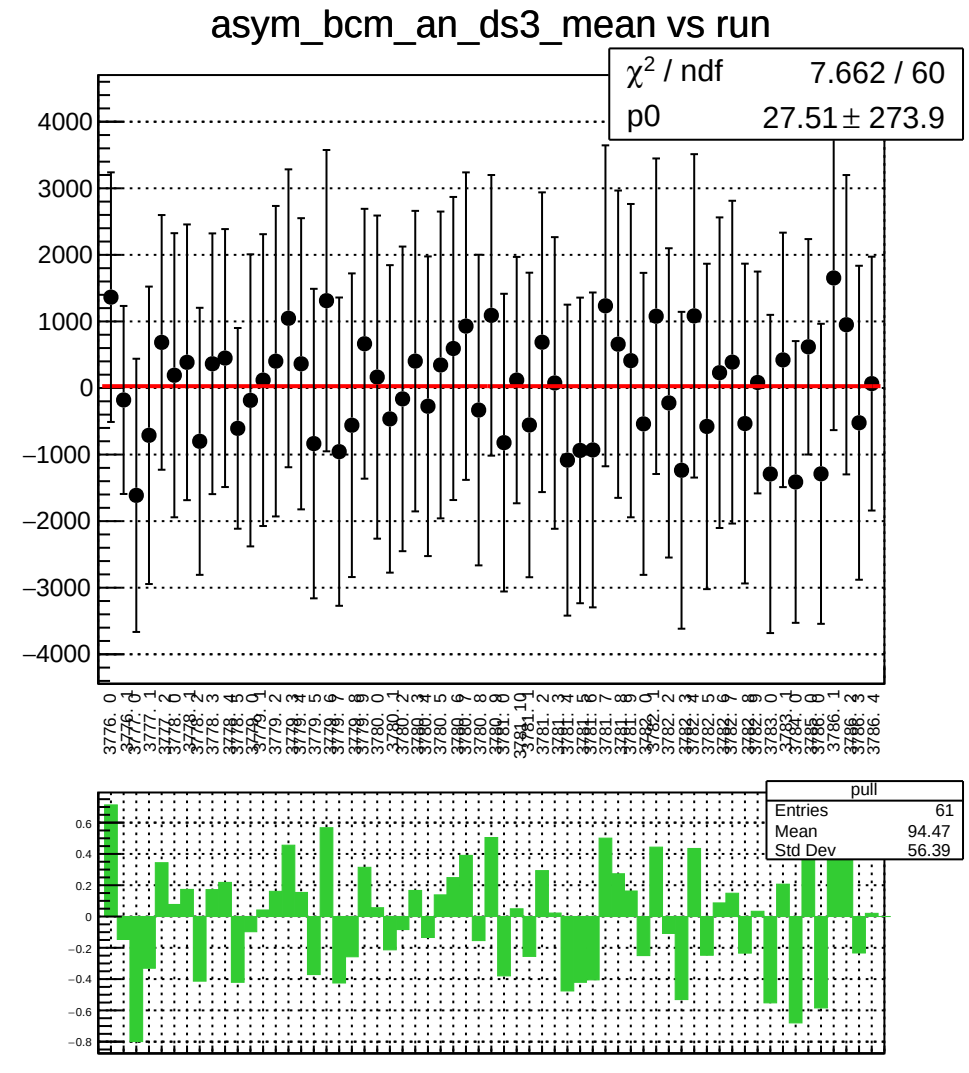

yield_bpm0i07WS_rms vs run
χ² / ndf 2.263e+04 / 60
p0 224.4 ± 0.2056
500
450
400
350
300
250
200

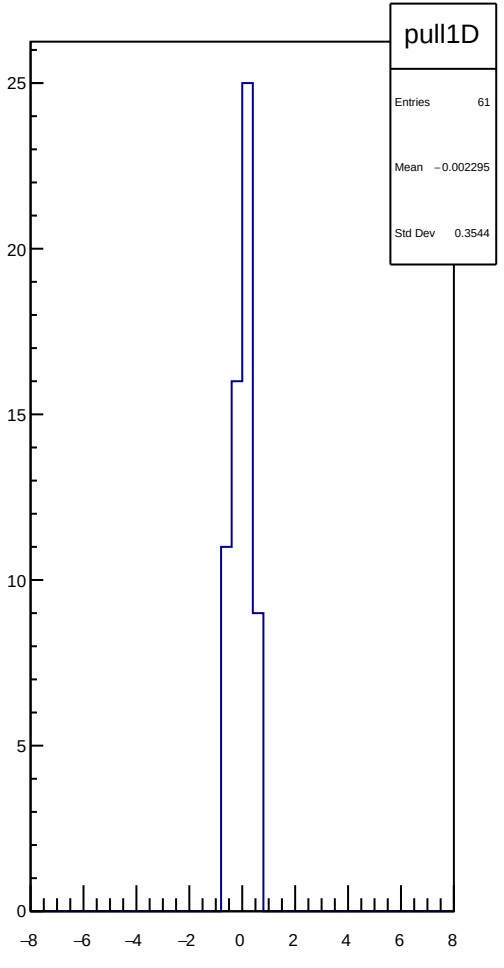

yield_bpm0l01WS_mean vs run
×10^3
χ² / ndf 8.862e+04 / 60
p0 1.103e+05 ± 0.1568
110.6
110.5
110.4
110.3
110.2
pull
Entries 61
Mean 388.5
Std Dev 356.9
100
80
60
40
20
0
−20
−40
−60
pull1D
Entries 61
Mean −0.595
Std Dev 4.841
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

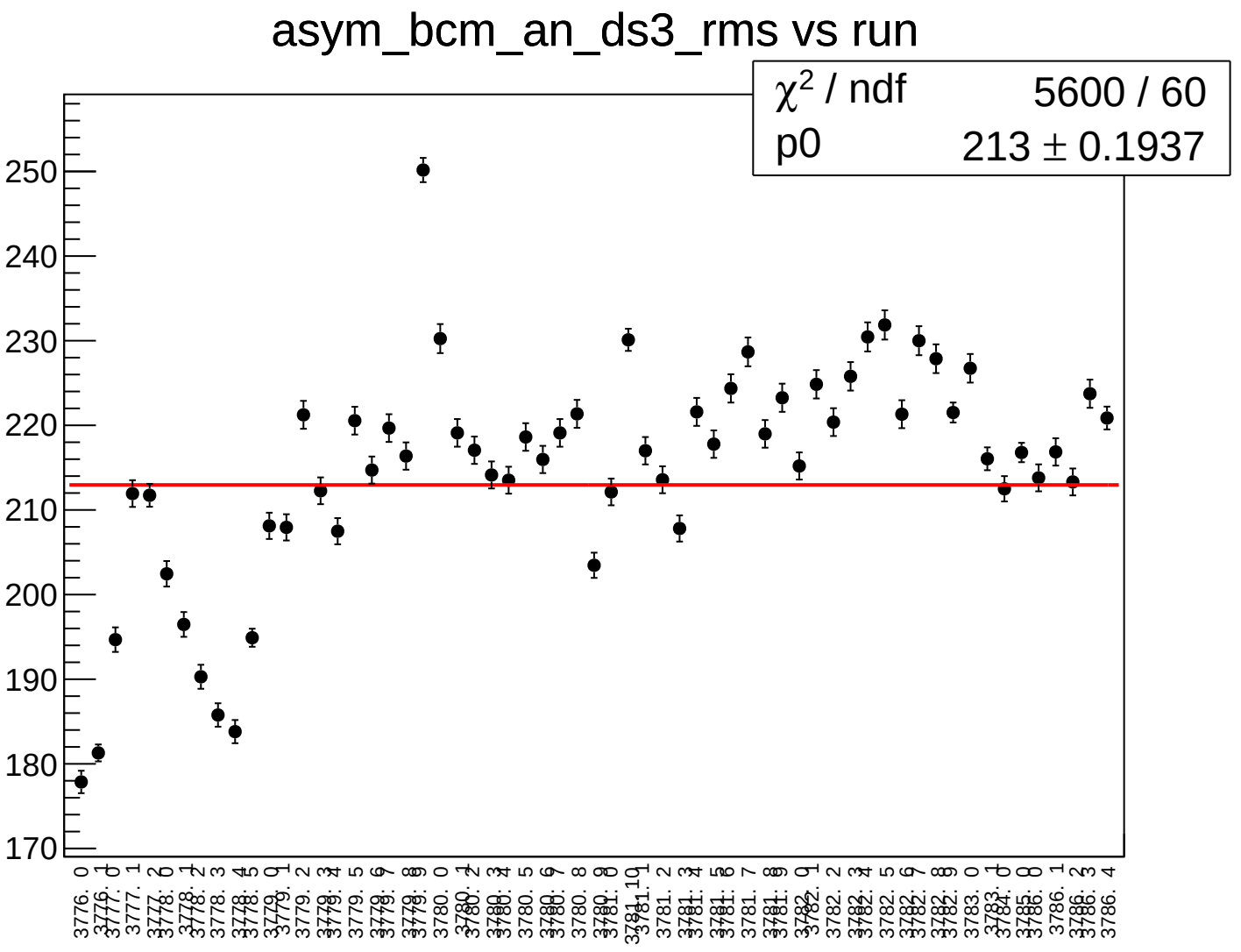

yield_bpm0l01WS_rms vs run
χ² / ndf 4.917e+04 / 60
p0 119.7 ± 0.1109
500
400
300
200
100

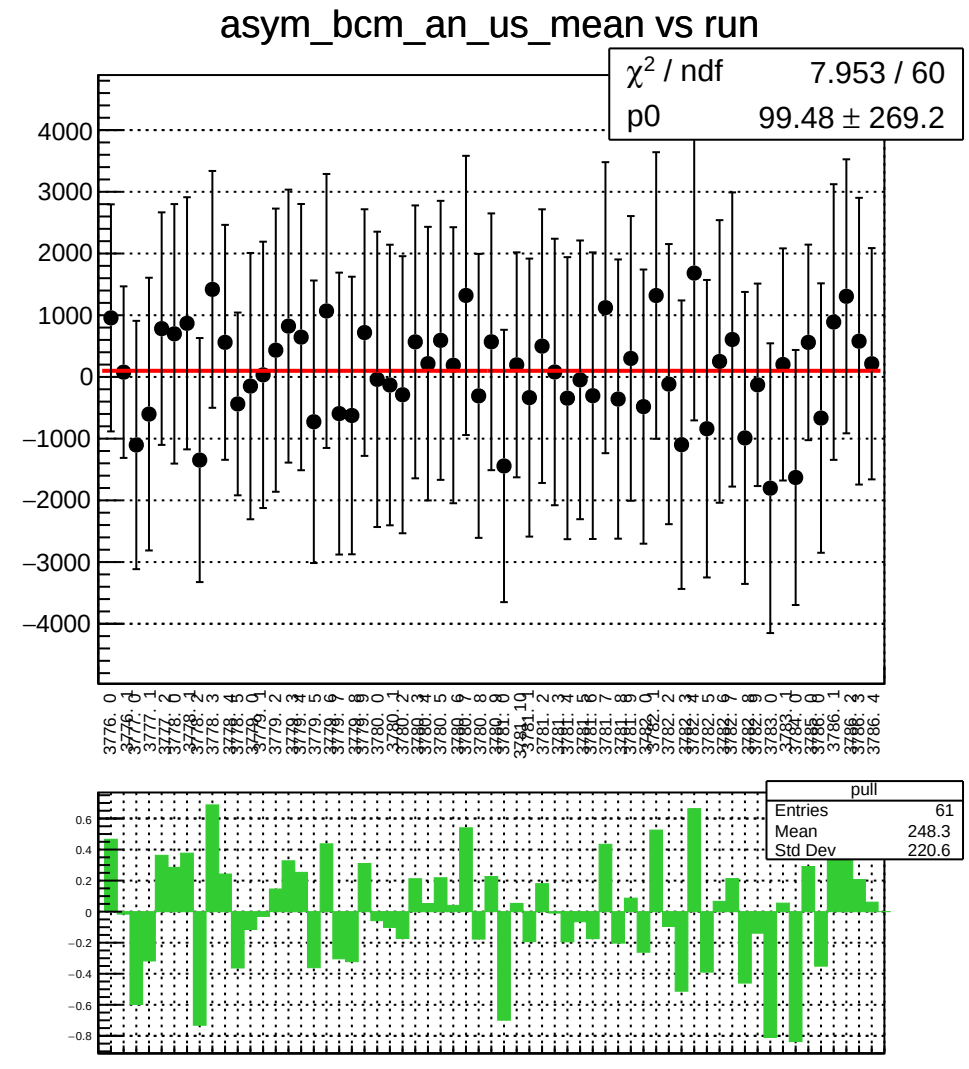

asym_bcm_an_ds_mean vs run
χ² / ndf 7.474 / 60
p0 18.59 ± 269.6
pull
Entries 61
Mean 54.11
Std Dev 37.51
pull1D
Entries 61
Mean −0.001995
Std Dev 0.35

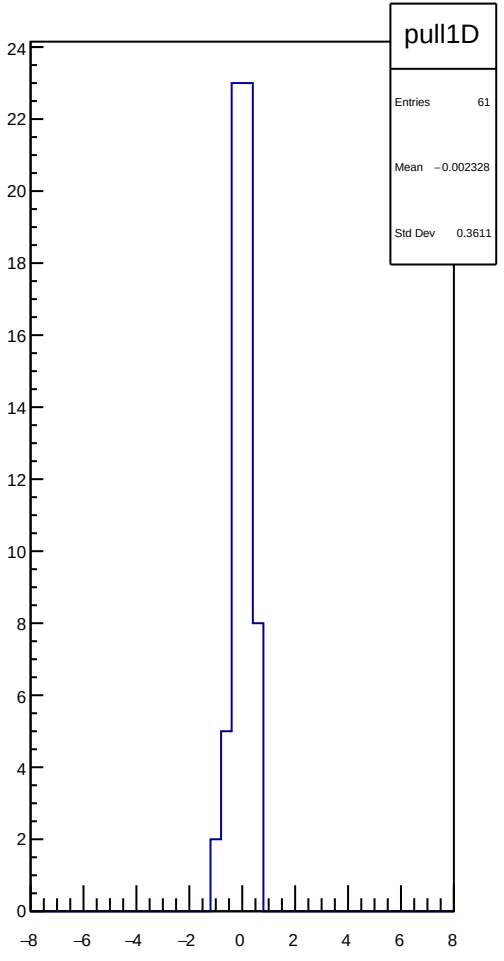

asym_bcm_an_ds_rms vs run
χ² / ndf 5415 / 60
p0 209.6 ± 0.1906
250
240
230
220
210
200
190
180
170
3776. 0
3776. 1
3776. 2
3776. 3
3776. 4
3776. 5
3776. 6
3776. 7
3776. 8
3776. 9
3777. 0
3777. 1
3777. 2
3777. 3
3777. 4
3777. 5
3777. 6
3777. 7
3777. 8
3777. 9
3778. 0
3778. 1
3778. 2
3778. 3
3778. 4
3778. 5
3778. 6
3778. 7
3778. 8
3778. 9
3779. 0
3779. 1
3779. 2
3779. 3
3779. 4
3779. 5
3779. 6
3779. 7
3779. 8
3779. 9
3780. 0
3780. 1
3780. 2
3780. 3
3780. 4
3780. 5
3780. 6
3780. 7
3780. 8
3780. 9
3781. 0
3781. 1
3781. 2
3781. 3
3781. 4
3781. 5
3781. 6
3781. 7
3781. 8
3781. 9
3782. 0
3782. 1
3782. 2
3782. 3
3782. 4
3782. 5
3782. 6
3782. 7
3782. 8
3782. 9
3783. 0
3783. 1
3784. 0
3785. 0
3786. 1
3786. 2
3786. 3
3786. 4

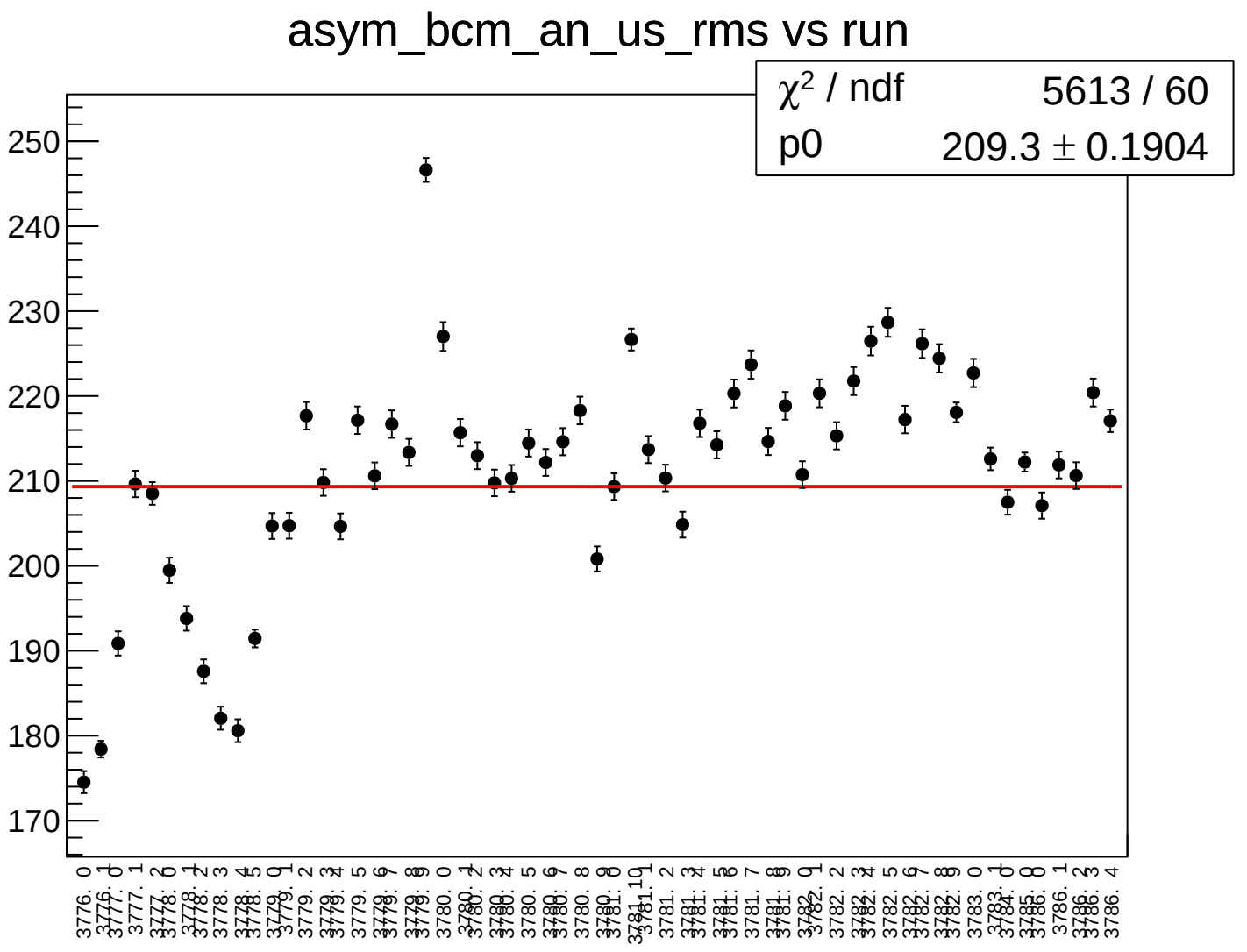

asym_bcm_an_ds3_mean vs run
χ² / ndf 7.662 / 60
p0 27.51 ± 273.9
pull
Entries 61
Mean 94.47
Std Dev 56.39

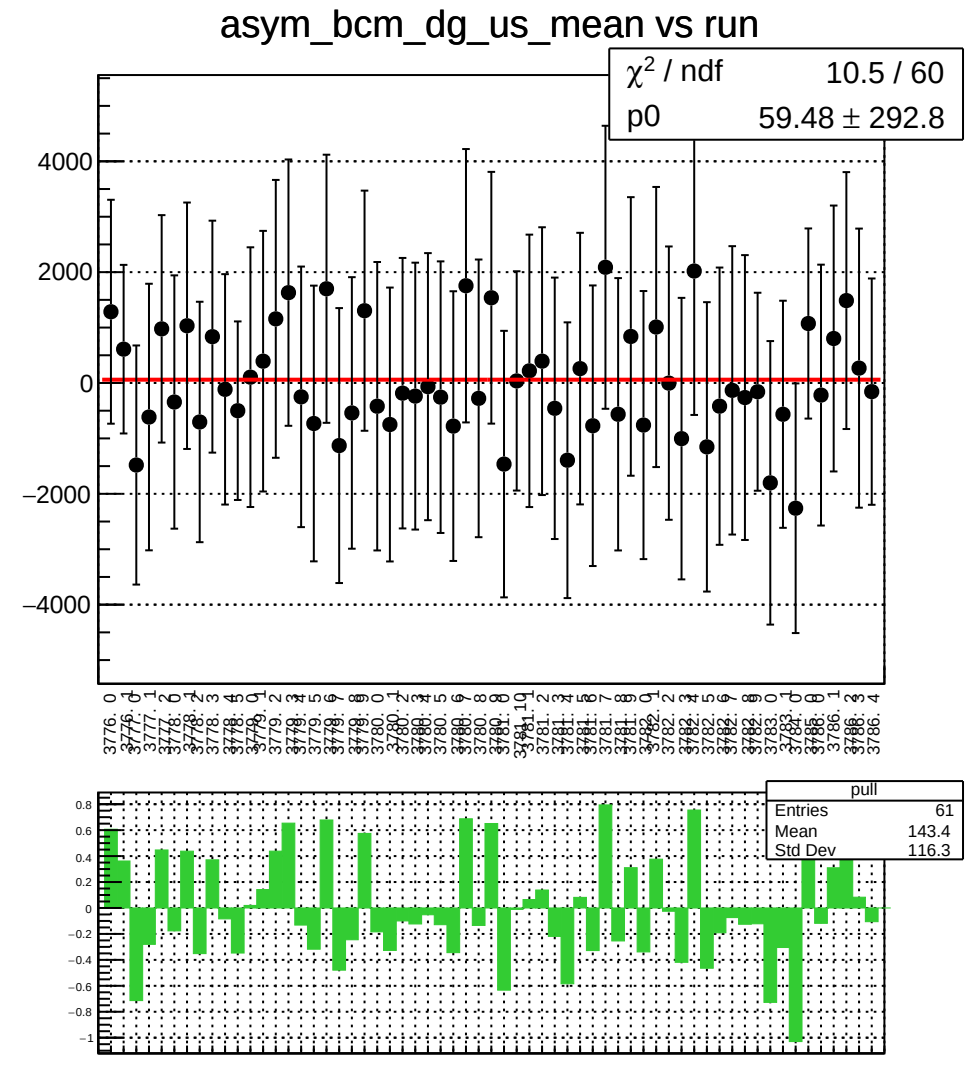

pull1D
Entries 61
Mean −0.002295
Std Dev 0.3544

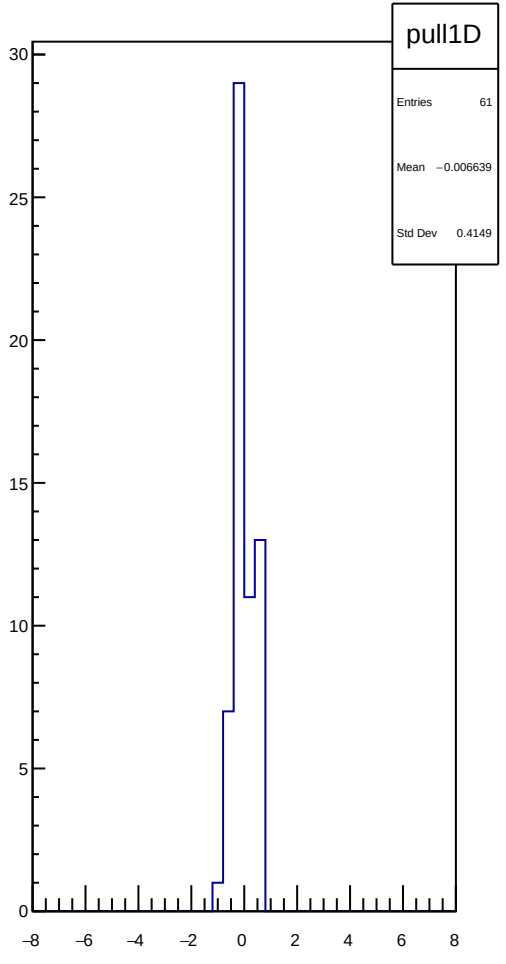

asym_bcm_an_ds3_rms vs run
χ^2 / ndf 5600 / 60
p0 213 ± 0.1937
250
240
230
220
210
200
190
180
170
3776. 0
3776. 1
3777. 0
3777. 1
3777. 2
3778. 0
3778. 1
3778. 2
3778. 3
3778. 4
3778. 5
3779. 0
3779. 1
3779. 2
3779. 3
3779. 4
3779. 5
3779. 6
3779. 7
3779. 8
3779. 9
3780. 0
3780. 1
3780. 2
3780. 3
3780. 4
3780. 5
3780. 6
3780. 7
3780. 8
3780. 9
3781. 0
3781. 1
3781. 2
3781. 3
3781. 4
3781. 5
3781. 6
3781. 7
3781. 8
3781. 9
3782. 0
3782. 1
3782. 2
3782. 3
3782. 4
3782. 5
3782. 6
3782. 7
3782. 8
3782. 9
3783. 0
3783. 1
3784. 0
3785. 0
3786. 1
3786. 2
3786. 3
3786. 4

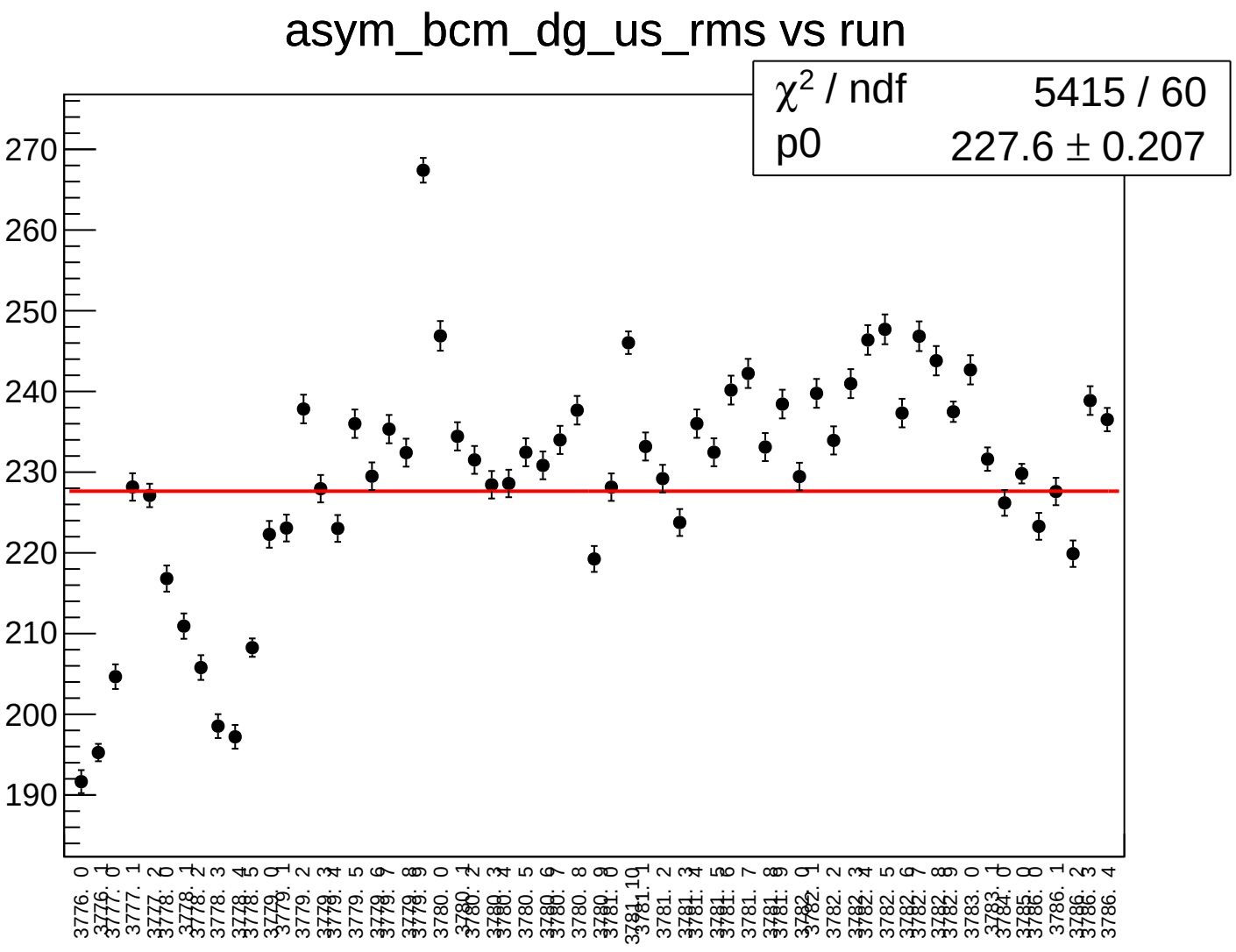

asym_bcm_an_us_mean vs run
χ² / ndf 7.953 / 60
p0 99.48 ± 269.2
pull
Entries 61
Mean 248.3
Std Dev 220.6

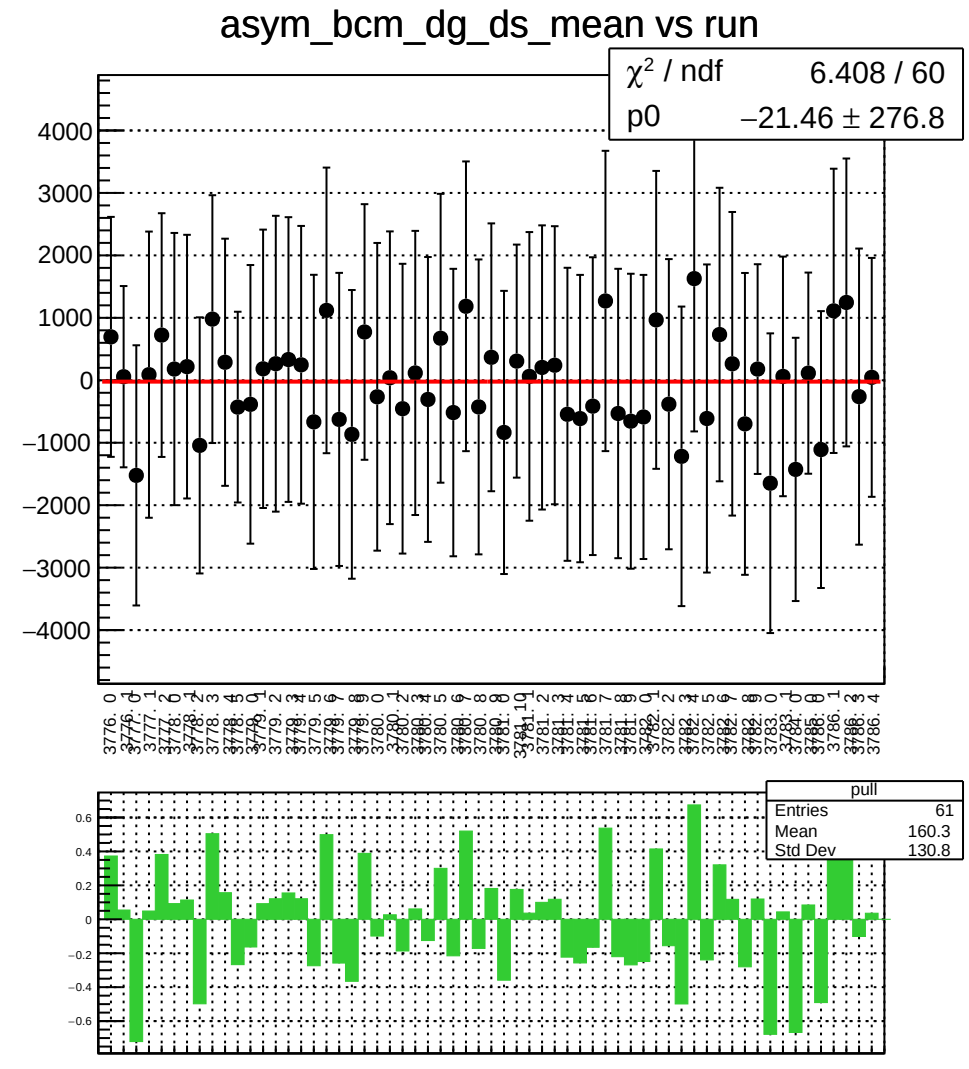

pull1D
Entries 61
Mean −0.002328
Std Dev 0.3611

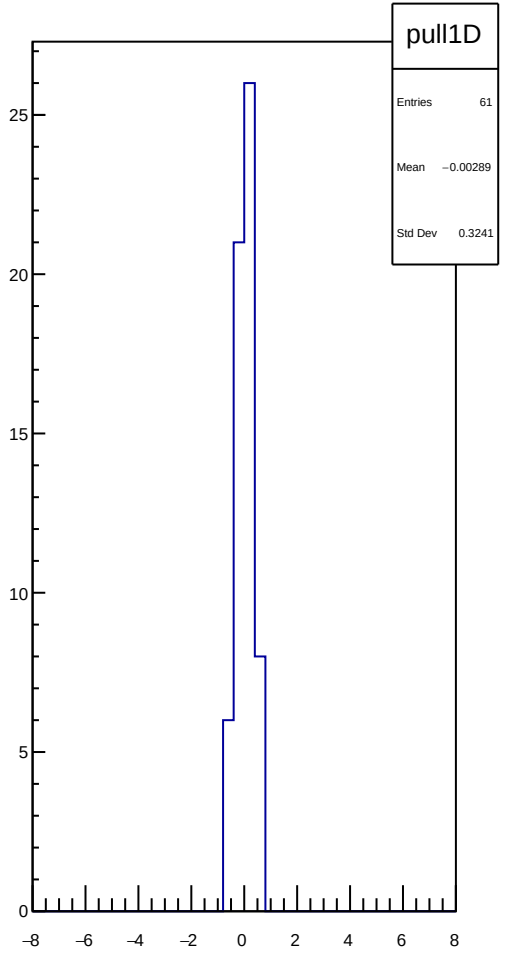

asym_bcm_an_us_rms vs run
χ² / ndf 5613 / 60
p0 209.3 ± 0.1904
250
240
230
220
210
200
190
180
170

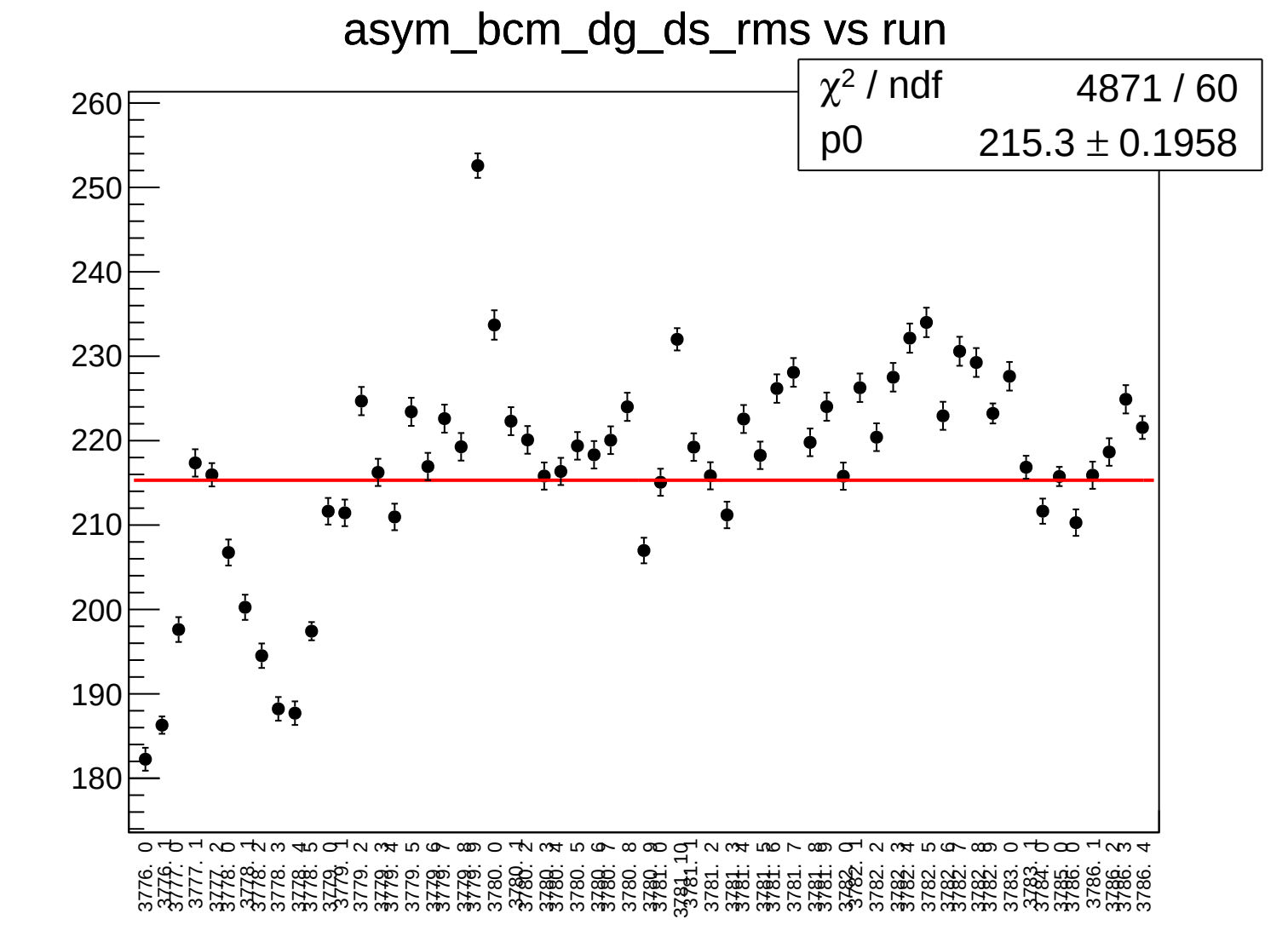

asym_bcm_dg_us_mean vs run
χ² / ndf 10.5 / 60
p0 59.48 ± 292.8
4000
2000
0
−2000
−4000
pull
Entries 61
Mean 143.4
Std Dev 116.3
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1

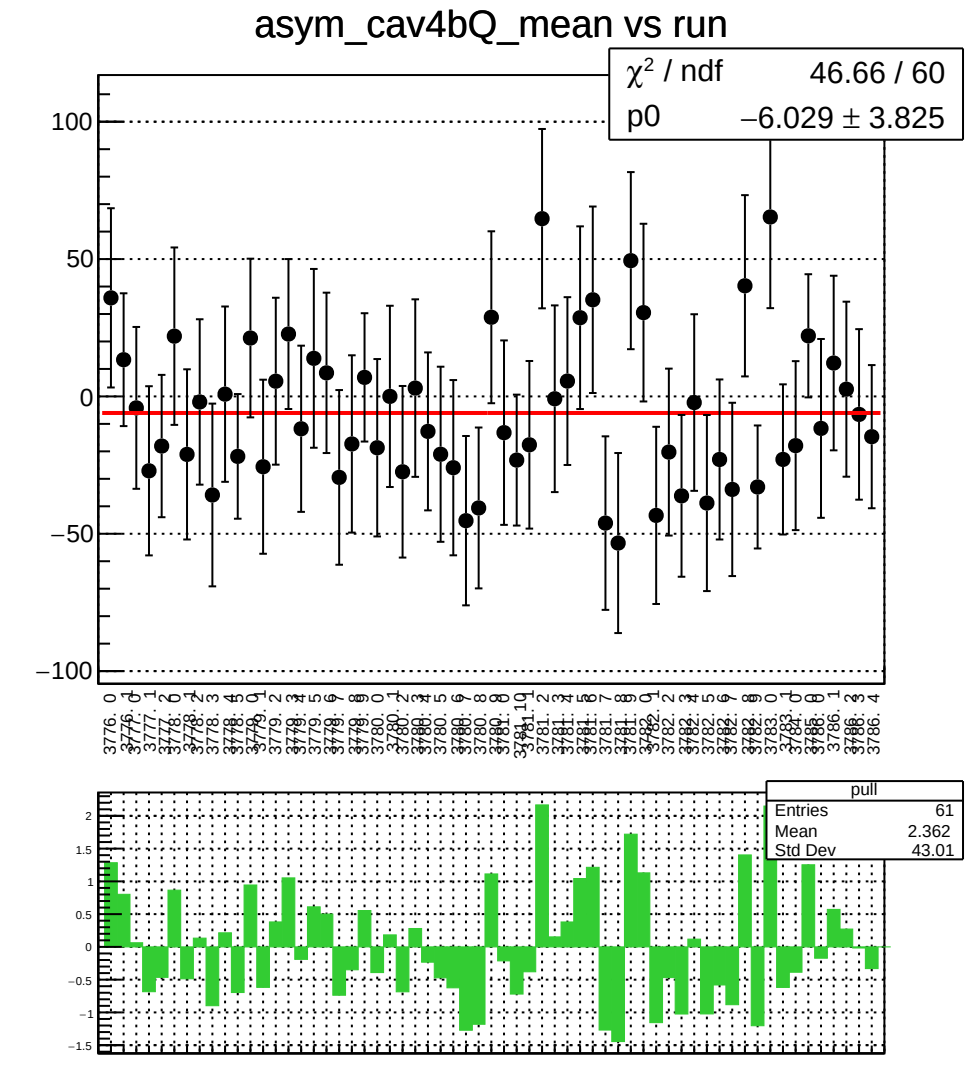

pull1D
Entries 61
Mean −0.006639
Std Dev 0.4149
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

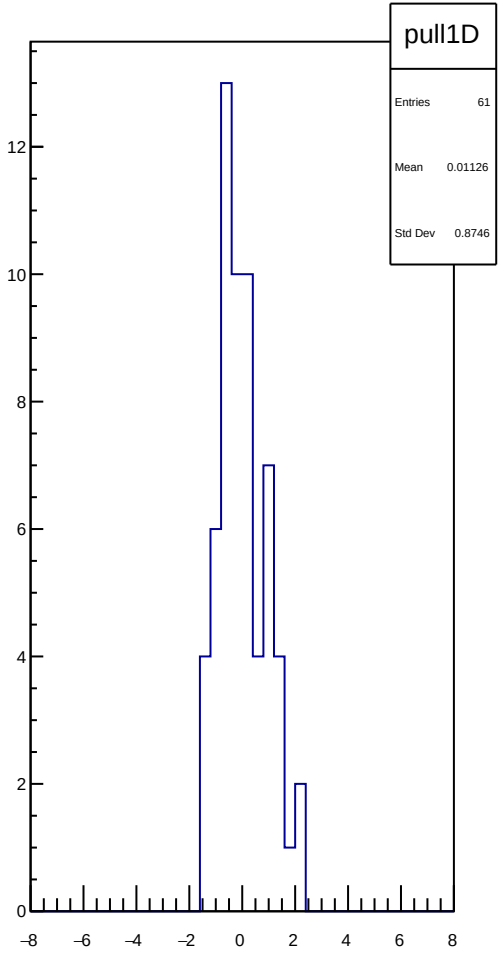

asym_bcm_dg_us_rms vs run
χ^2 / ndf 5415 / 60
p0 227.6 ± 0.207
270
260
250
240
230
220
210
200
190

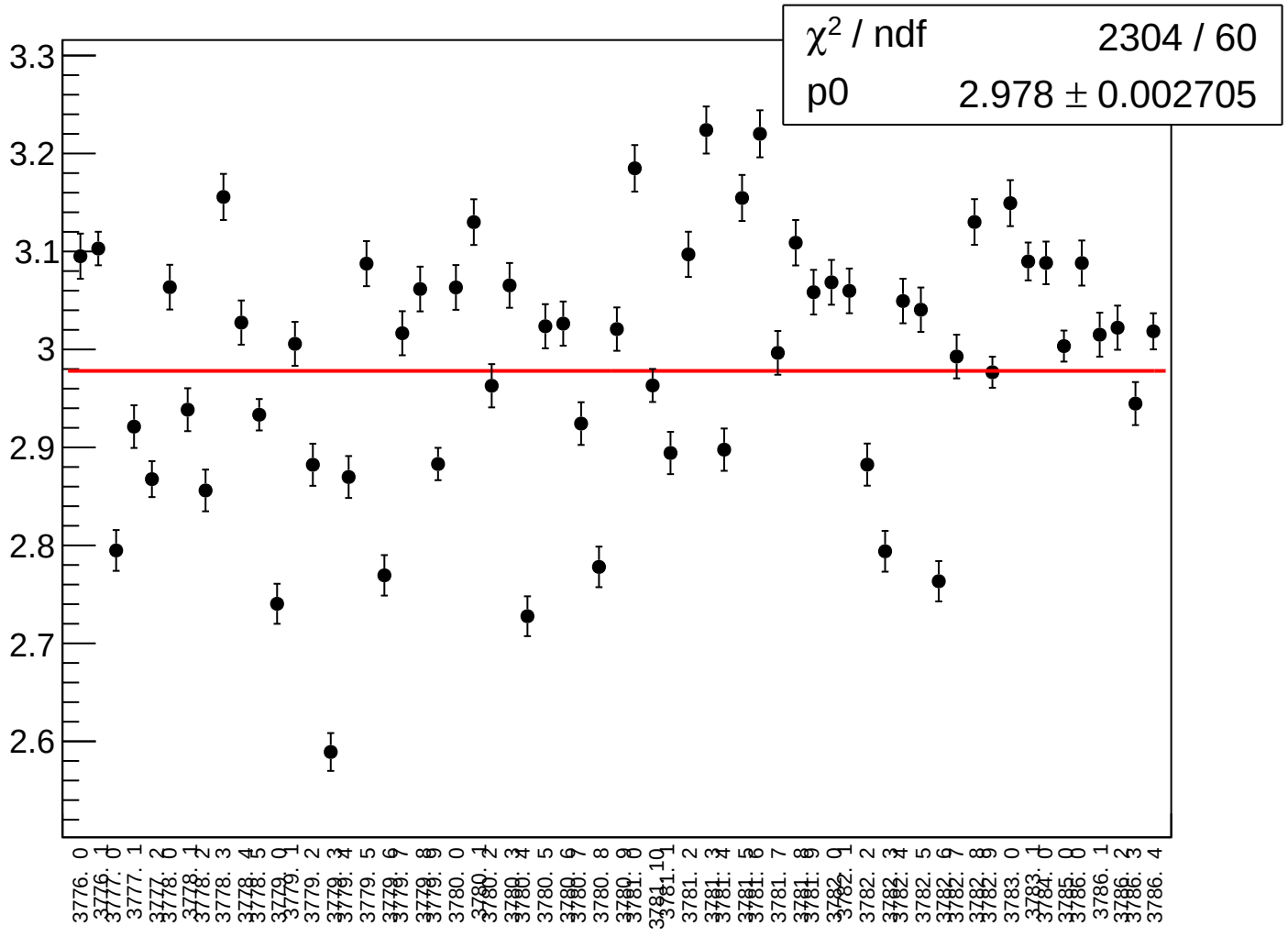

asym_bcm_dg_ds_mean vs run
χ² / ndf 6.408 / 60
p0 −21.46 ± 276.8
pull
Entries 61
Mean 160.3
Std Dev 130.8

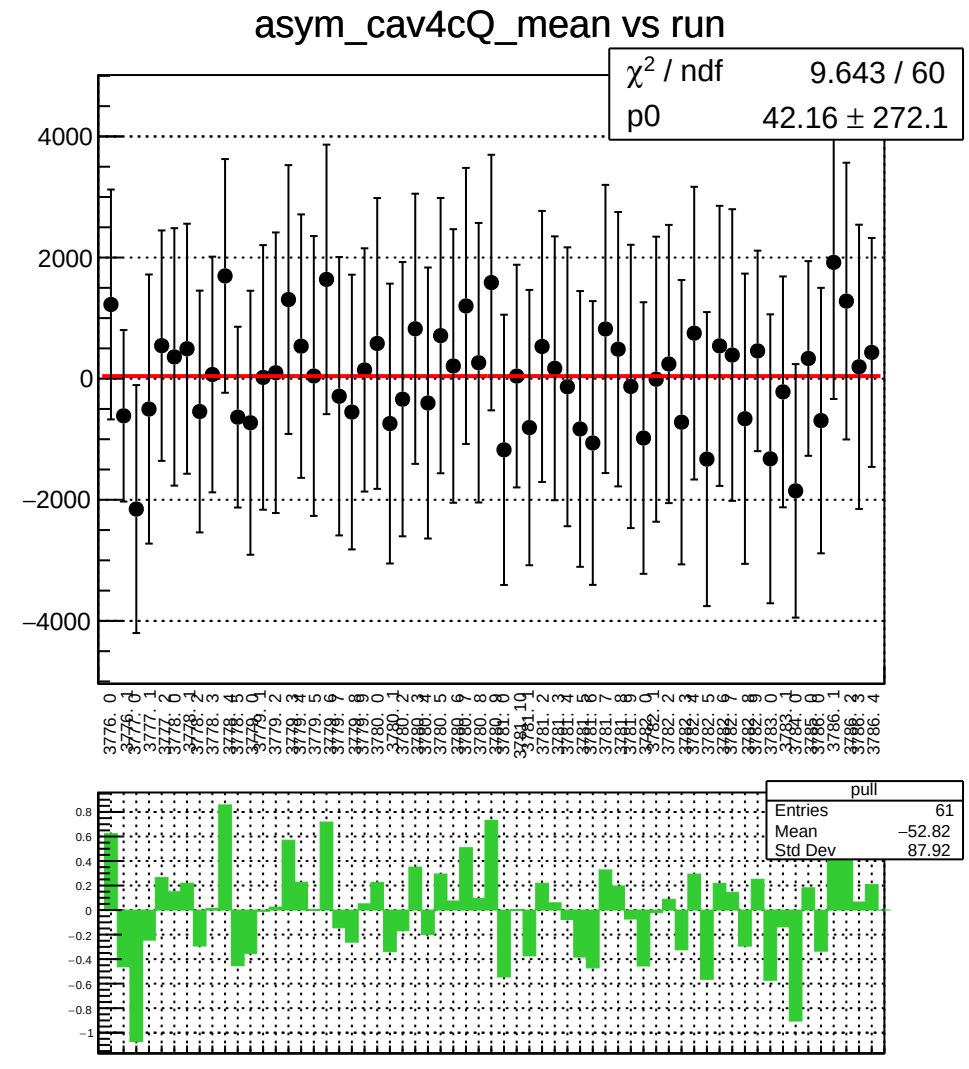

pull1D
Entries 61
Mean −0.00289
Std Dev 0.3241

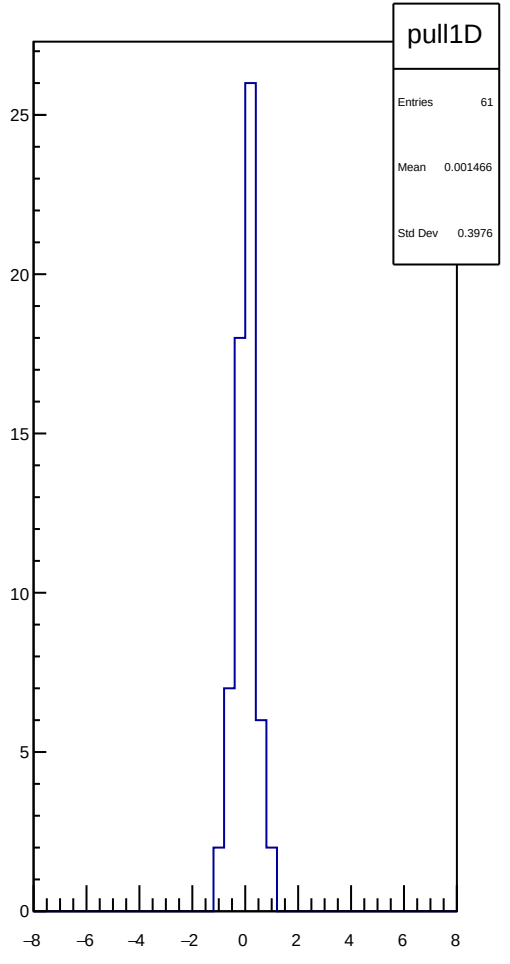

asym_bcm_dg_ds_rms vs run
χ² / ndf 4871 / 60
p0 215.3 ± 0.1958
260
250
240
230
220
210
200
190
180

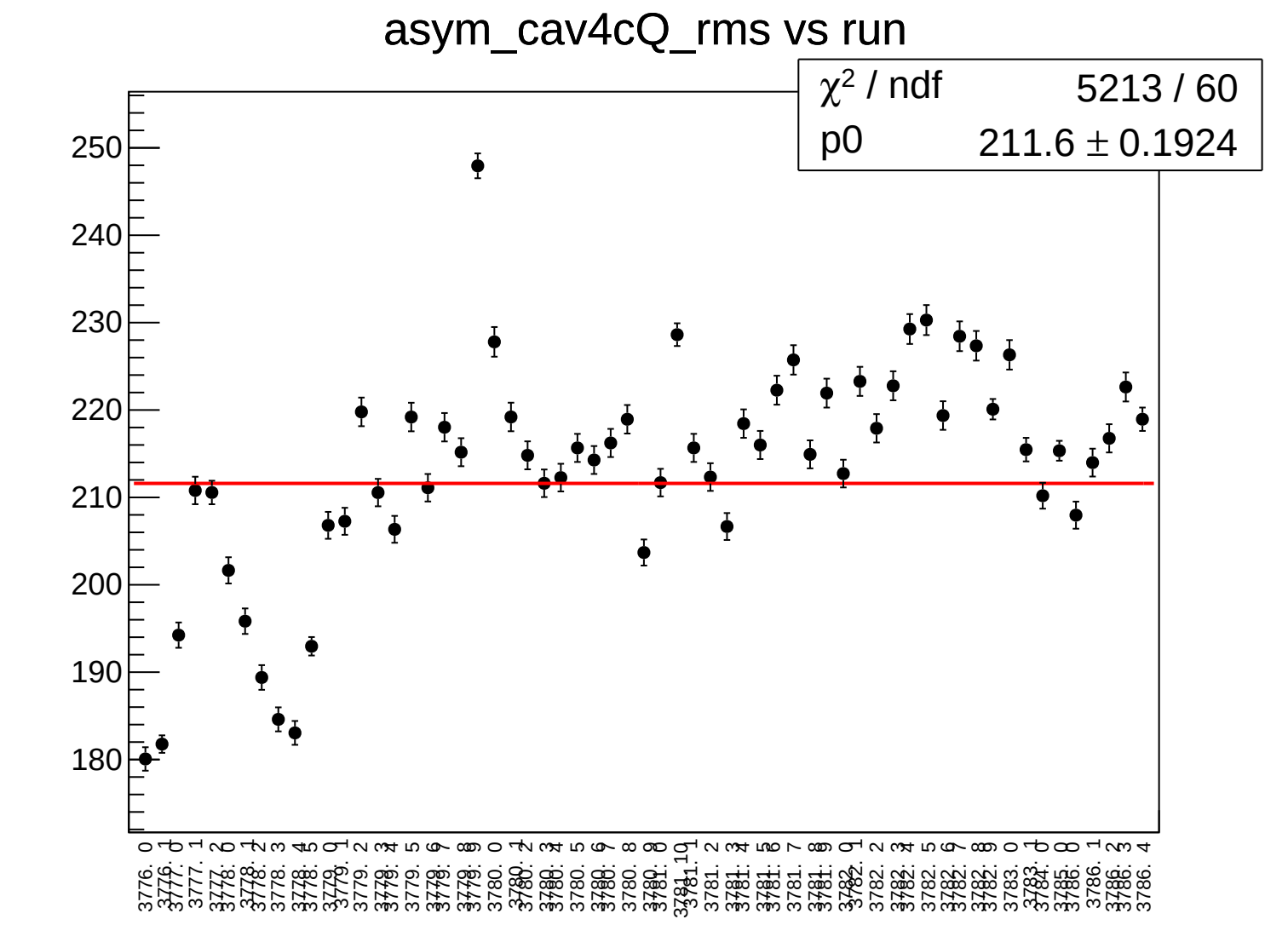

asym_cav4bQ_mean vs run
χ² / ndf 46.66 / 60
p0 −6.029 ± 3.825
pull
Entries 61
Mean 2.362
Std Dev 43.01

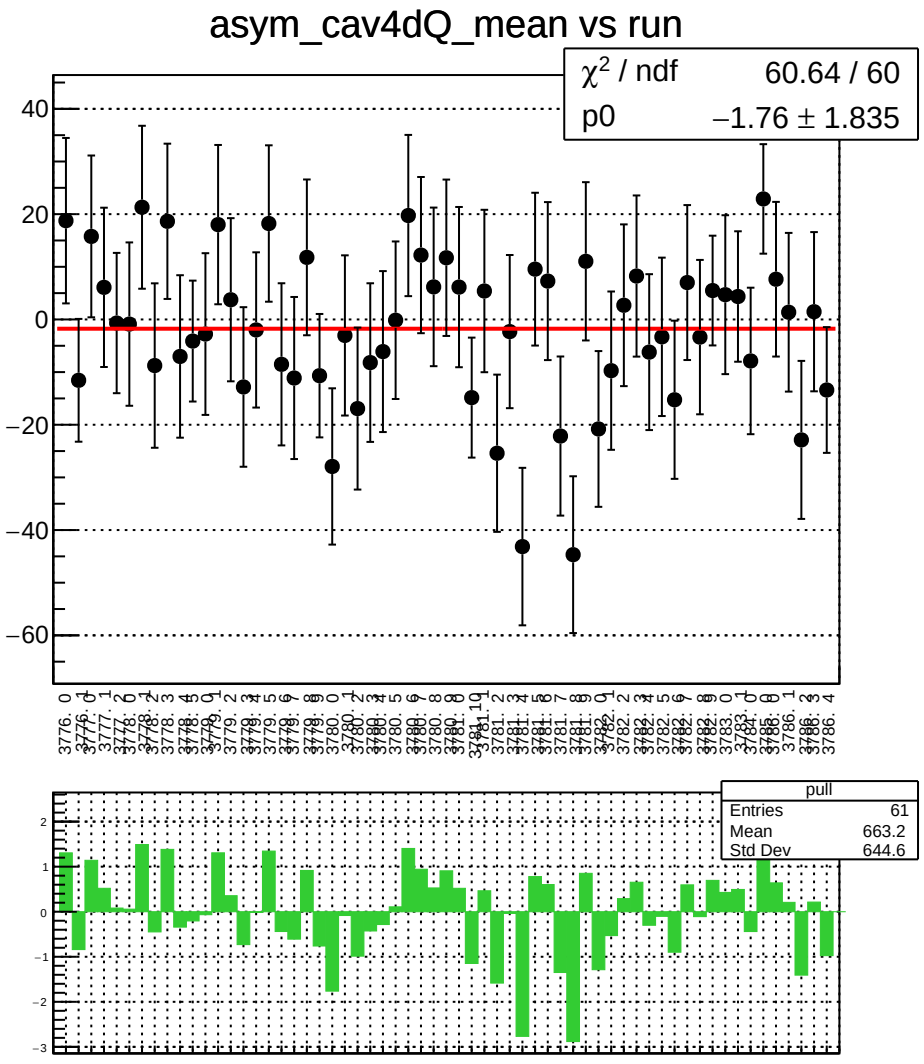

pull1D
Entries 61
Mean 0.01126
Std Dev 0.8746

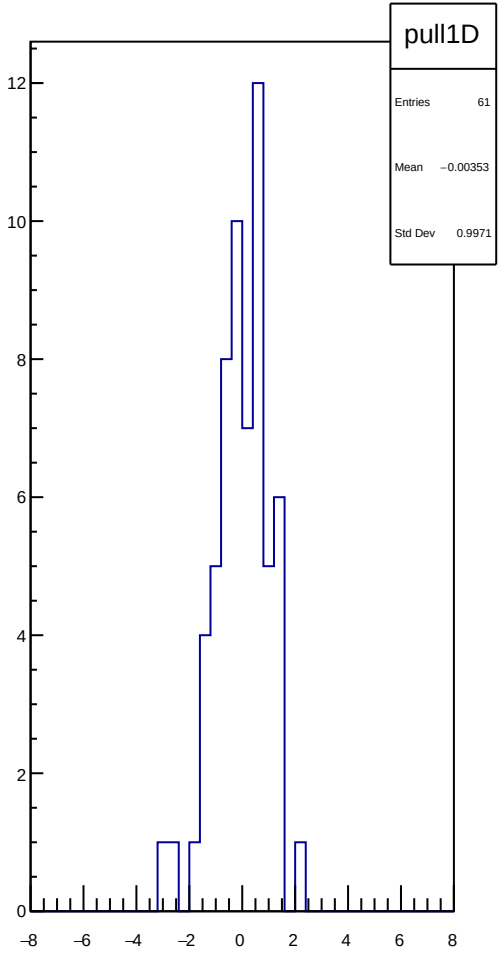

asym_cav4bQ_rms vs run
χ² / ndf 2304 / 60
p0 2.978 ± 0.002705
3.3
3.2
3.1
3
2.9
2.8
2.7
2.6

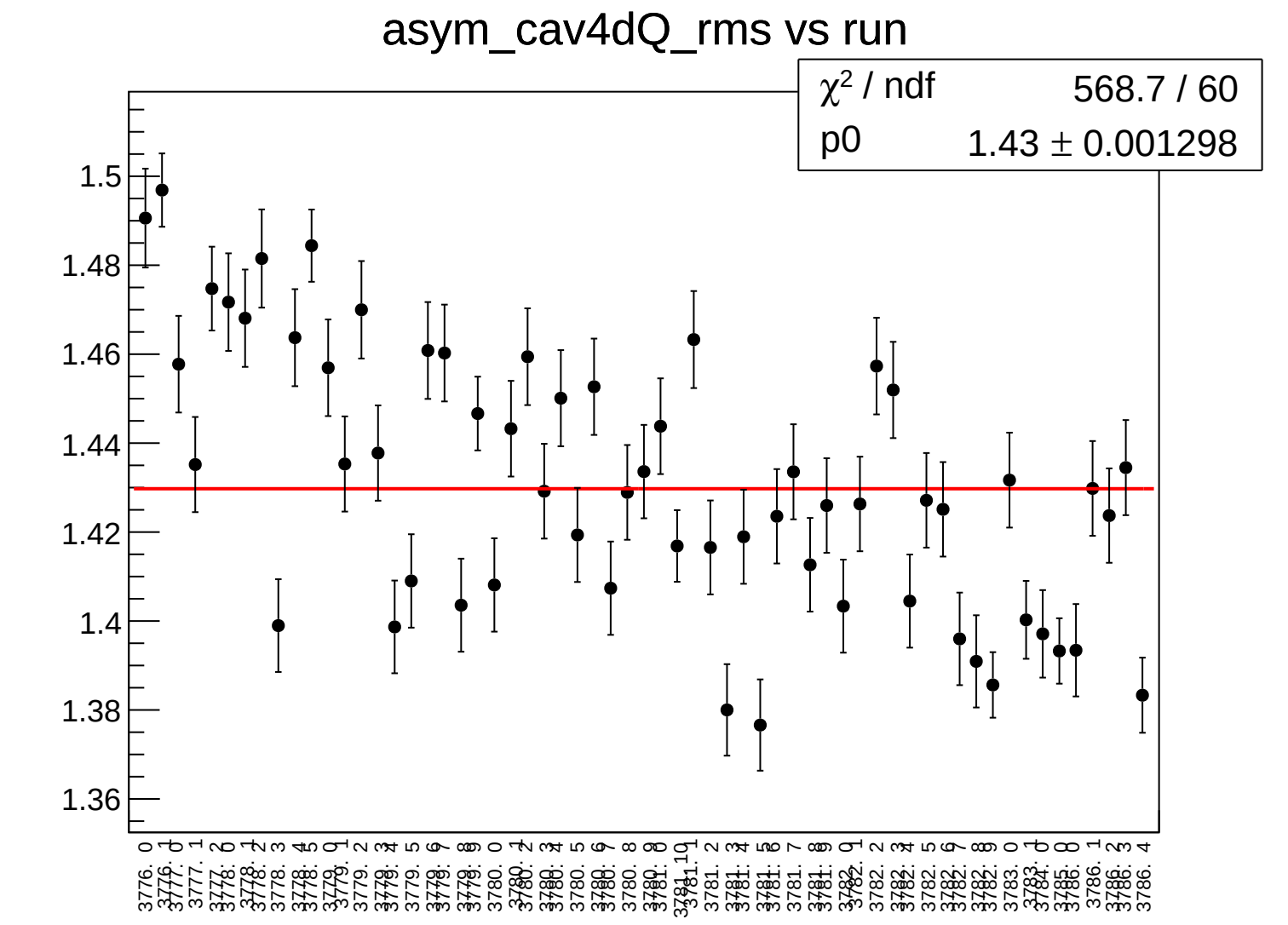

asym_cav4cQ_mean vs run
χ² / ndf 9.643 / 60
p0 42.16 ± 272.1
4000
2000
0
−2000
−4000
pull
Entries 61
Mean −52.82
Std Dev 87.92
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1

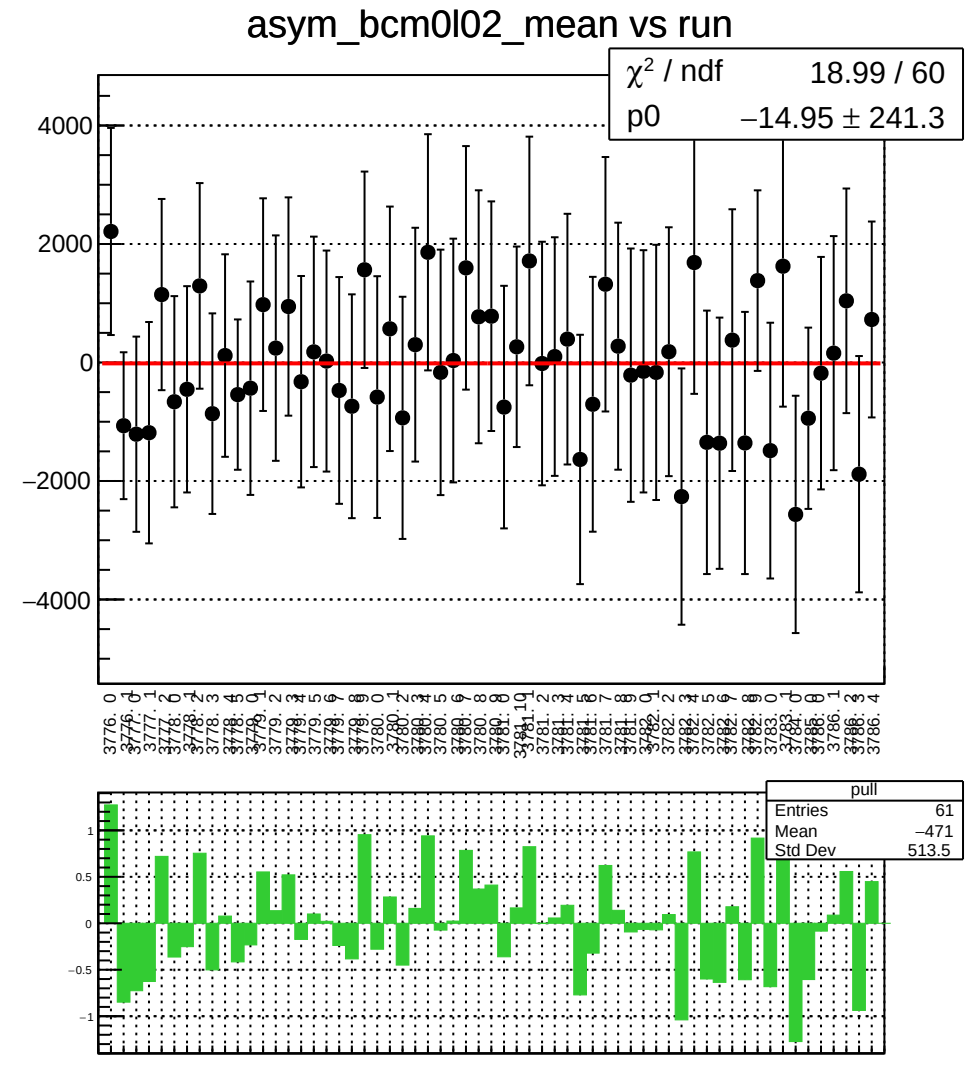

pull1D
Entries 61
Mean 0.001466
Std Dev 0.3976
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

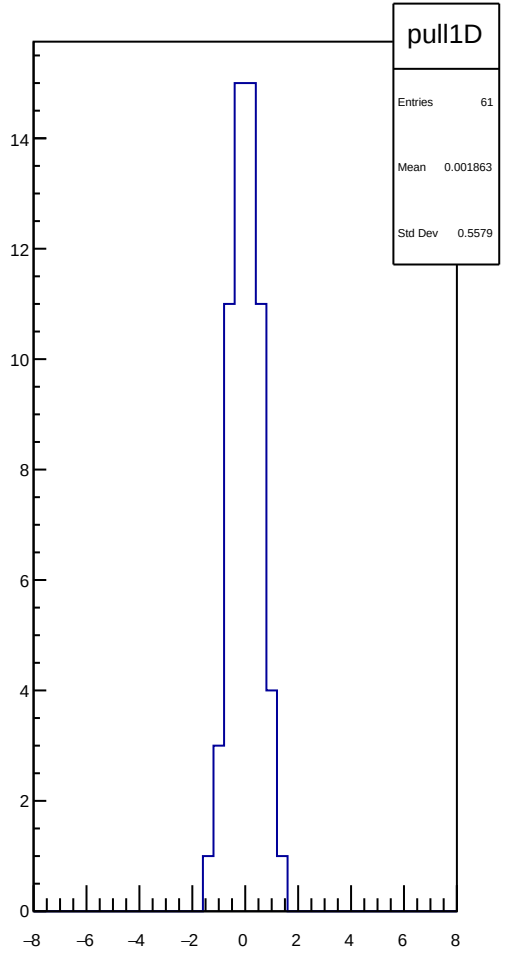

asym_cav4cQ_rms vs run
χ² / ndf 5213 / 60
p0 211.6 ± 0.1924
250
240
230
220
210
200
190
180
3776. 0
3776. 1
3776. 2
3777. 0
3777. 1
3777. 2
3778. 0
3778. 1
3778. 2
3778. 3
3778. 4
3778. 5
3779. 0
3779. 1
3779. 2
3779. 3
3779. 4
3779. 5
3779. 6
3779. 7
3779. 8
3779. 9
3780. 0
3780. 1
3780. 2
3780. 3
3780. 4
3780. 5
3780. 6
3780. 7
3780. 8
3780. 9
3781. 0
3781. 1
3781. 2
3781. 3
3781. 4
3781. 5
3781. 6
3781. 7
3781. 8
3781. 9
3782. 0
3782. 1
3782. 2
3782. 3
3782. 4
3782. 5
3782. 6
3782. 7
3782. 8
3782. 9
3783. 0
3783. 1
3784. 0
3785. 0
3786. 0
3786. 1
3786. 2
3786. 3
3786. 4

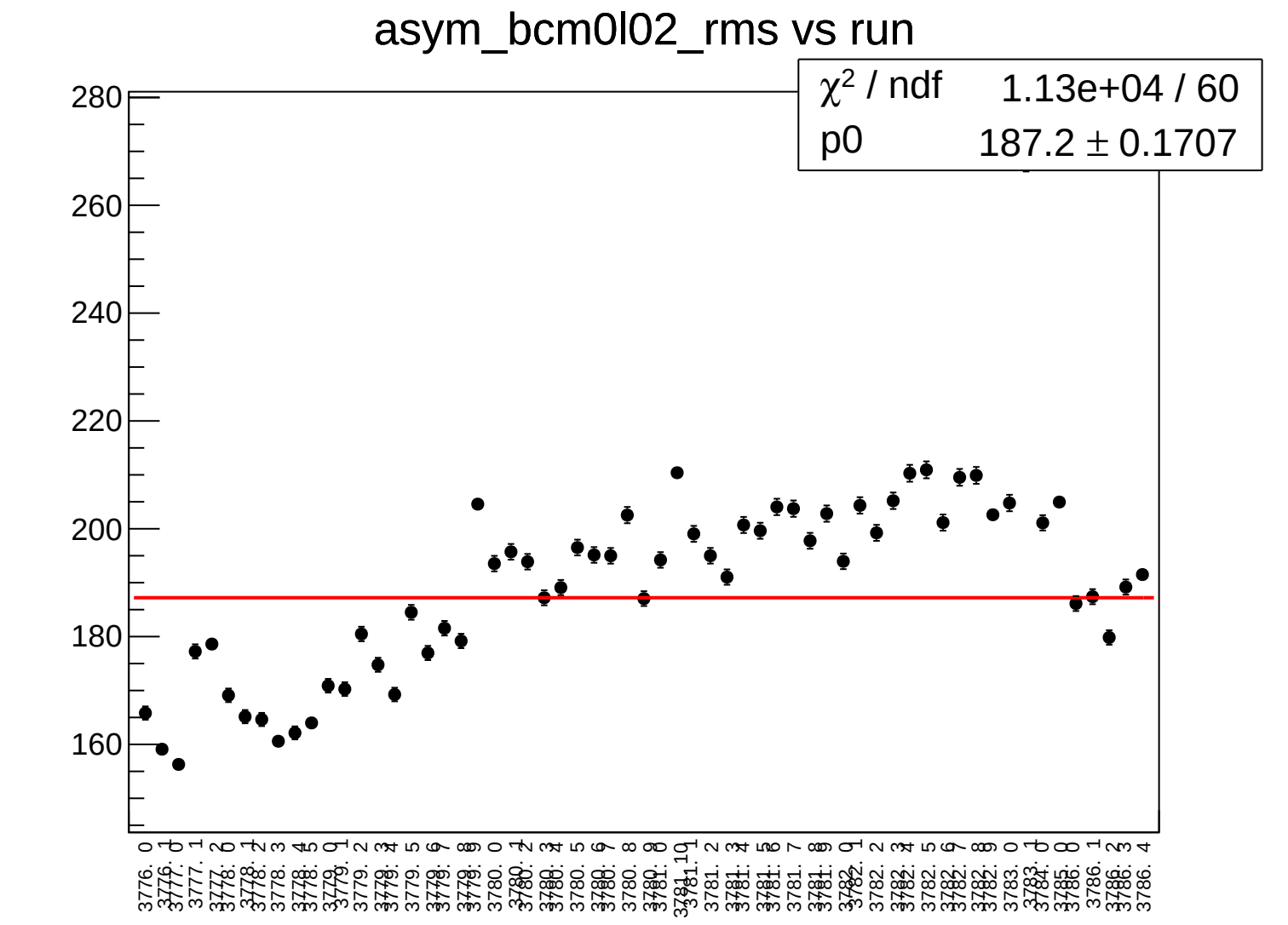

asym_cav4dQ_mean vs run
χ² / ndf 60.64 / 60
p0 −1.76 ± 1.835
pull
Entries 61
Mean 663.2
Std Dev 644.6

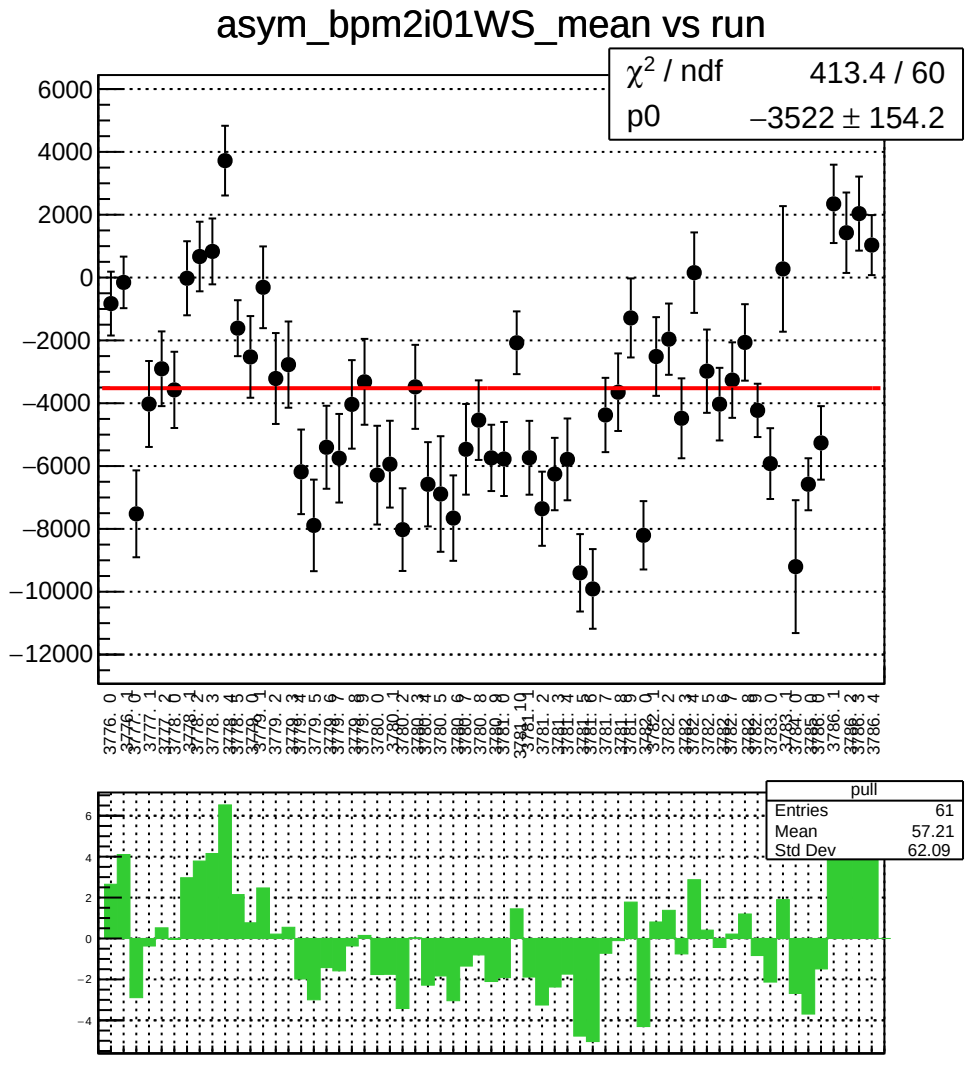

pull1D
Entries 61
Mean −0.00353
Std Dev 0.9971

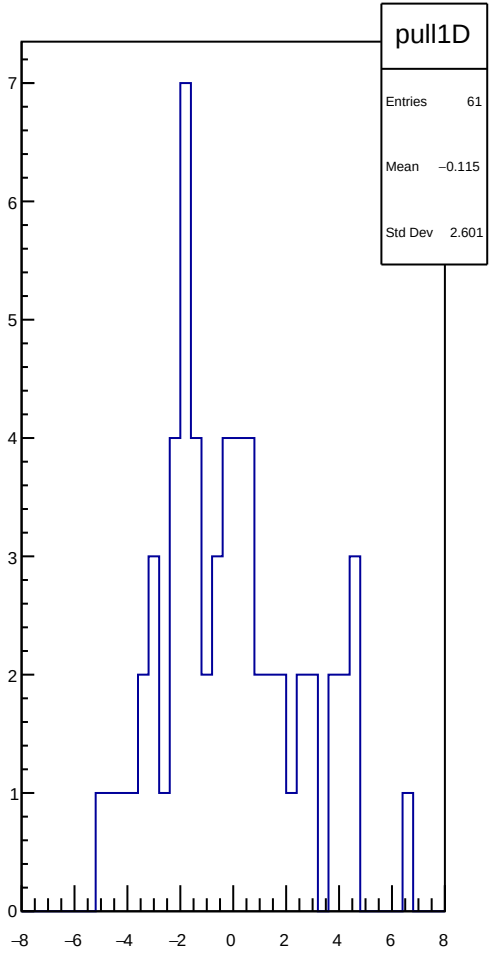

asym_cav4dQ_rms vs run
χ² / ndf 568.7 / 60
p0 1.43 ± 0.001298
1.5
1.48
1.46
1.44
1.42
1.4
1.38
1.36

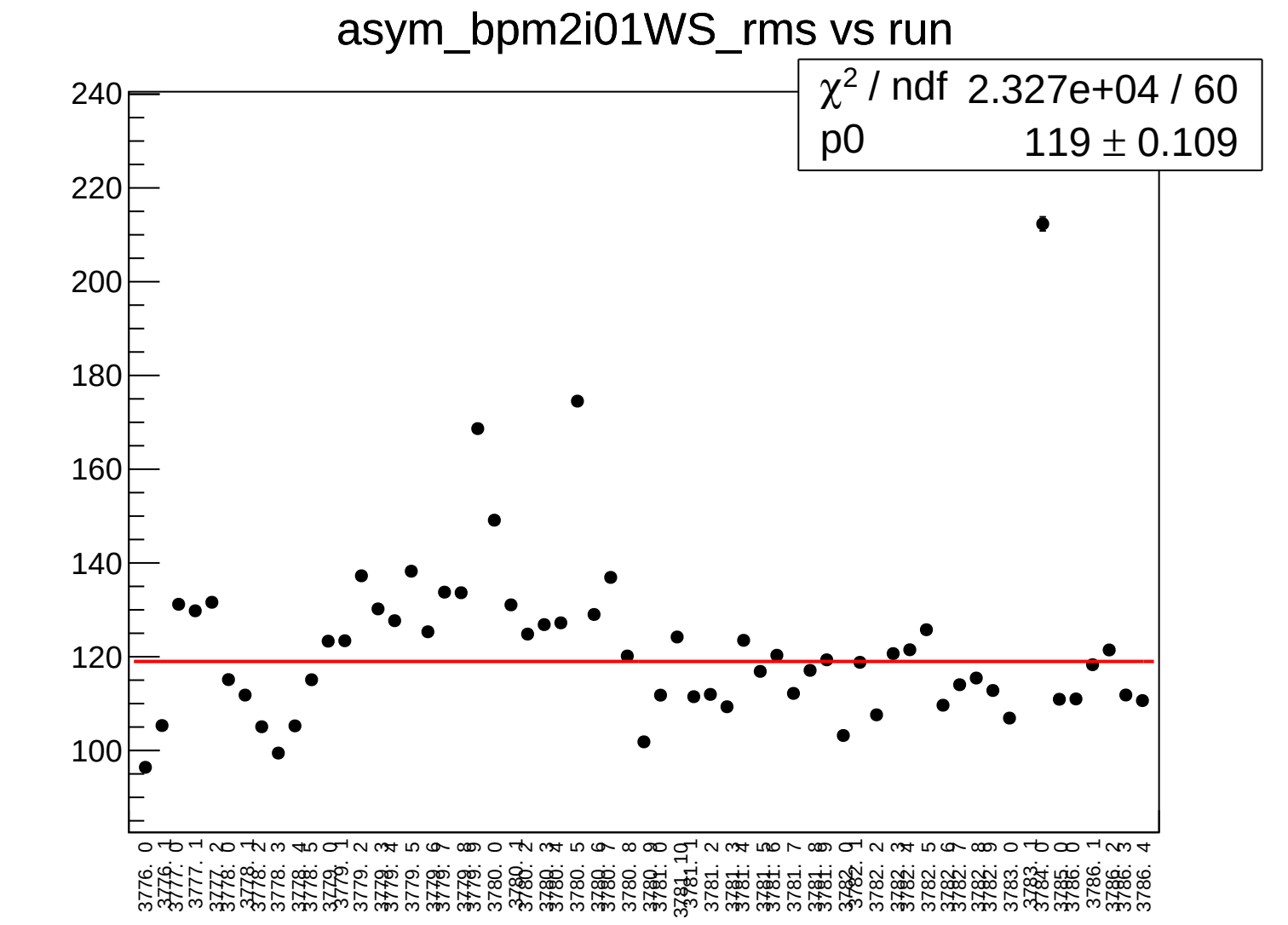

asym_bcm0l02_mean vs run
χ² / ndf 18.99 / 60
p0 −14.95 ± 241.3
4000
2000
0
−2000
−4000
pull
Entries 61
Mean −471
Std Dev 513.5
1
0.5
0
−0.5
−1

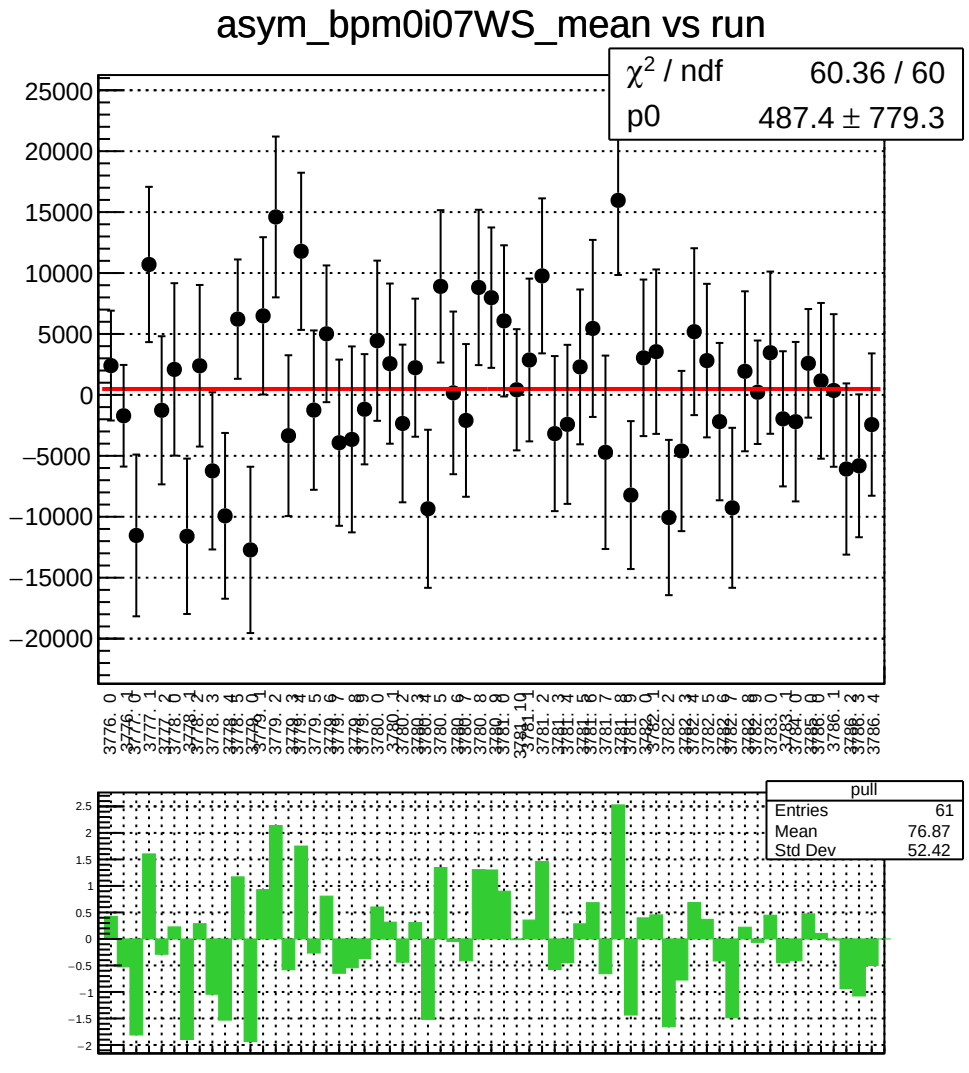

pull1D
Entries 61
Mean 0.001863
Std Dev 0.5579
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

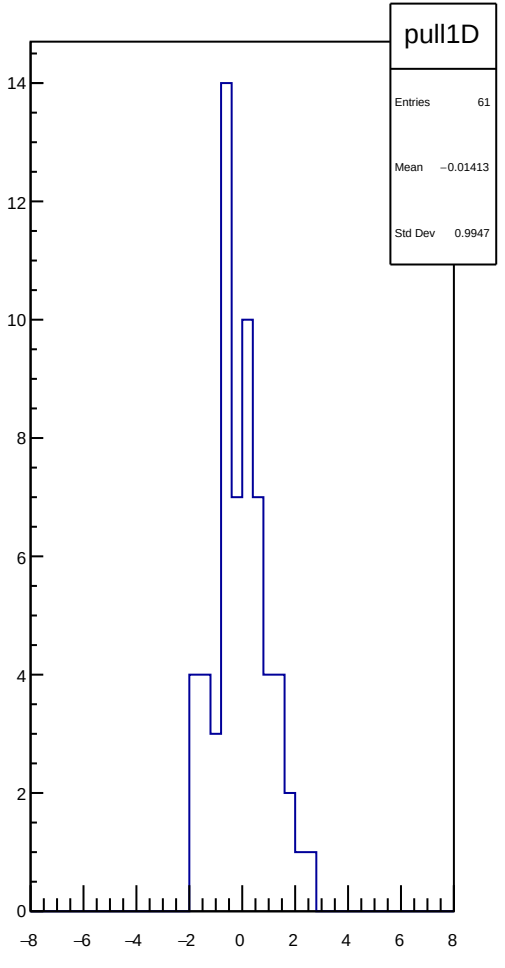

asym_bcm0l02_rms vs run
χ^2 / ndf 1.13e+04 / 60
p0 187.2 ± 0.1707
280
260
240
220
200
180
160
3776. 0
3776. 1
3776. 2
3777. 0
3777. 1
3777. 2
3778. 0
3778. 1
3778. 2
3778. 3
3778. 4
3778. 5
3779. 0
3779. 1
3779. 2
3779. 3
3779. 4
3779. 5
3779. 6
3779. 7
3779. 8
3779. 9
3780. 0
3780. 1
3780. 2
3780. 3
3780. 4
3780. 5
3780. 6
3780. 7
3780. 8
3780. 9
3781. 0
3781. 1
3781. 2
3781. 3
3781. 4
3781. 5
3781. 6
3781. 7
3781. 8
3781. 9
3782. 0
3782. 1
3782. 2
3782. 3
3782. 4
3782. 5
3782. 6
3782. 7
3782. 8
3782. 9
3783. 0
3783. 1
3784. 0
3785. 0
3786. 0
3786. 1
3786. 2
3786. 3
3786. 4

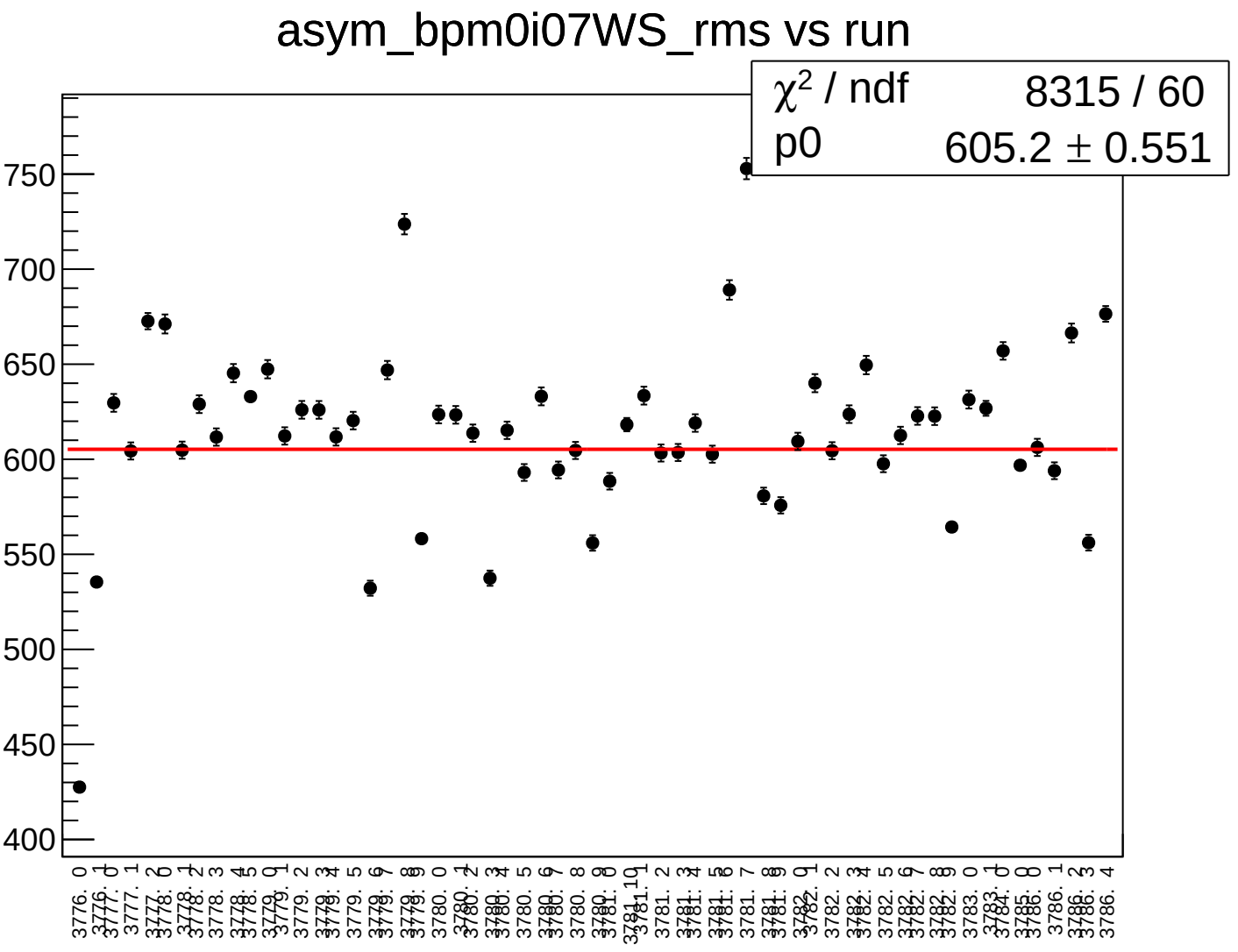

asym_bpm2i01WS_mean vs run
χ² / ndf 413.4 / 60
p0 −3522 ± 154.2
pull
Entries 61
Mean 57.21
Std Dev 62.09

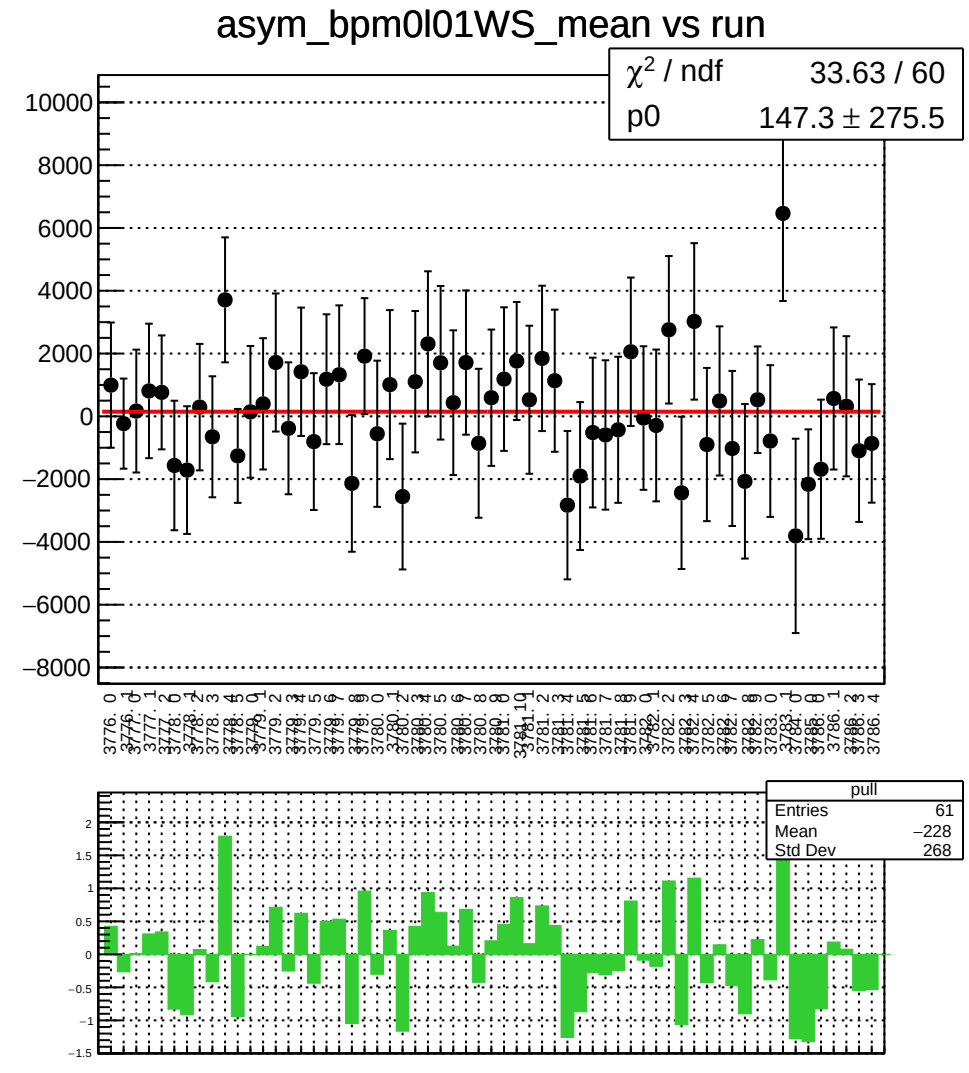

pull1D
Entries 61
Mean −0.115
Std Dev 2.601

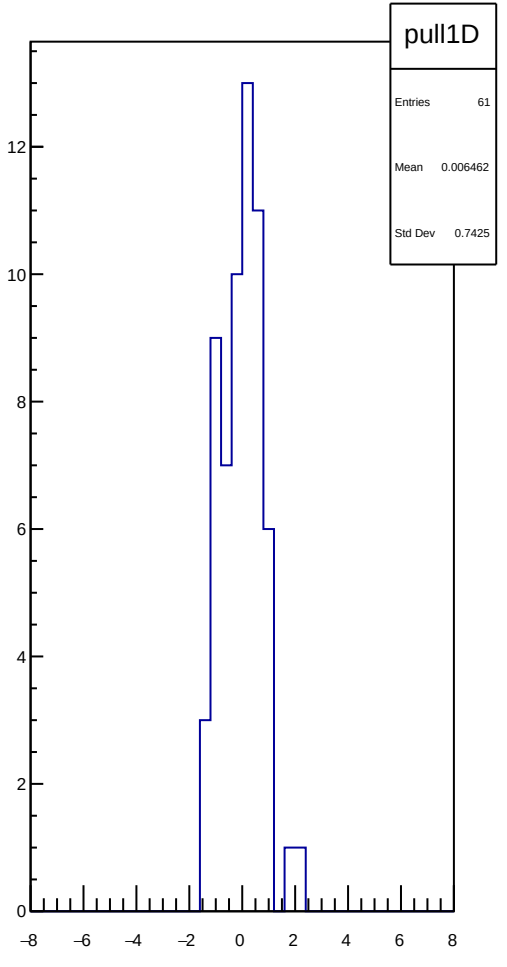

asym_bpm2i01WS_rms vs run
χ² / ndf 2.327e+04 / 60
p0 119 ± 0.109
240
220
200
180
160
140
120
100

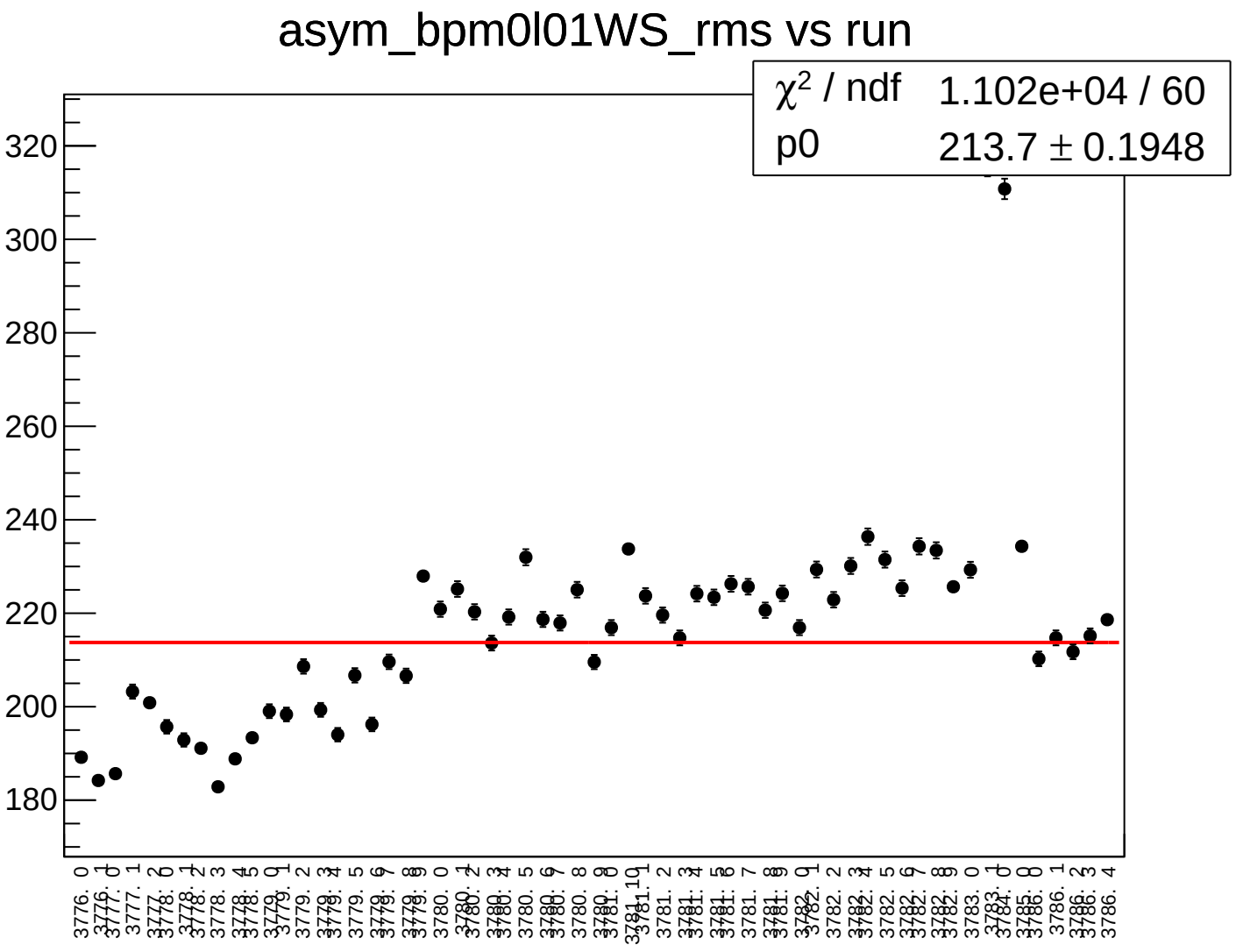

asym_bpm0i07WS_mean vs run
χ² / ndf 60.36 / 60
p0 487.4 ± 779.3
pull
Entries 61
Mean 76.87
Std Dev 52.42

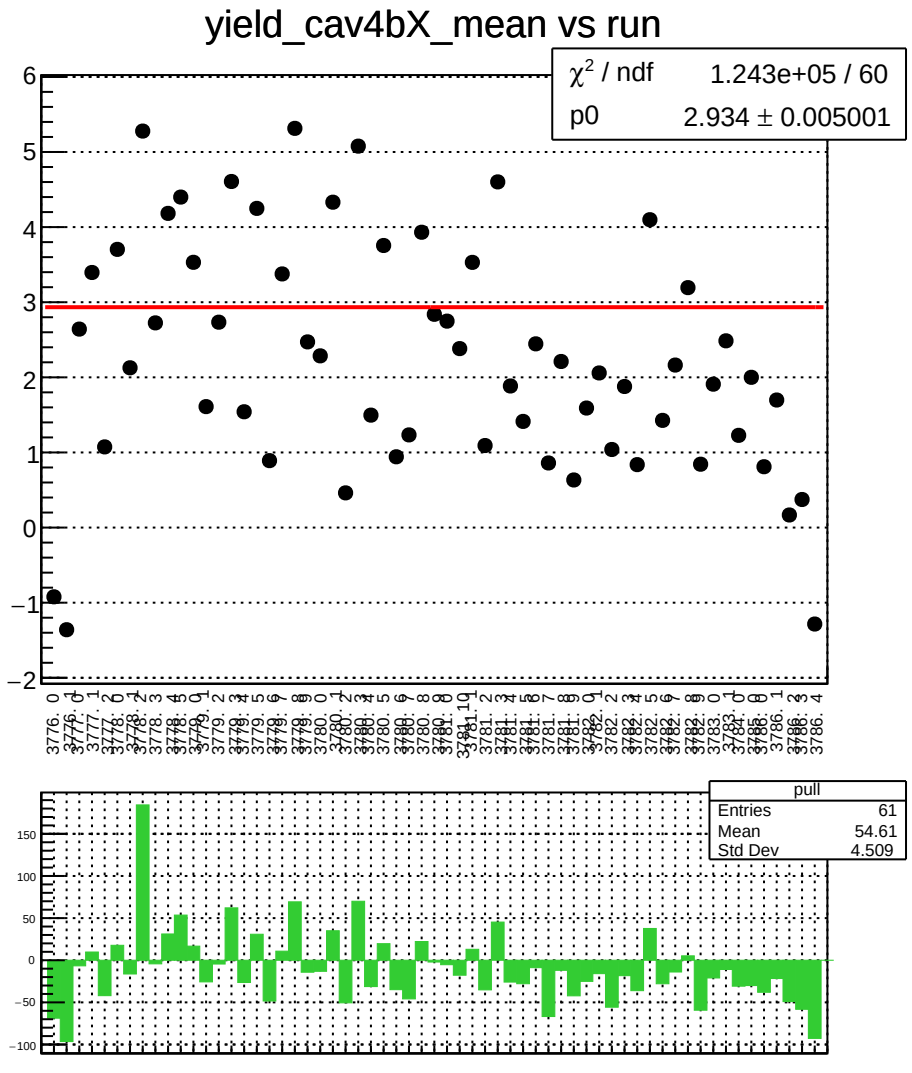

pull1D
Entries 61
Mean −0.01413
Std Dev 0.9947

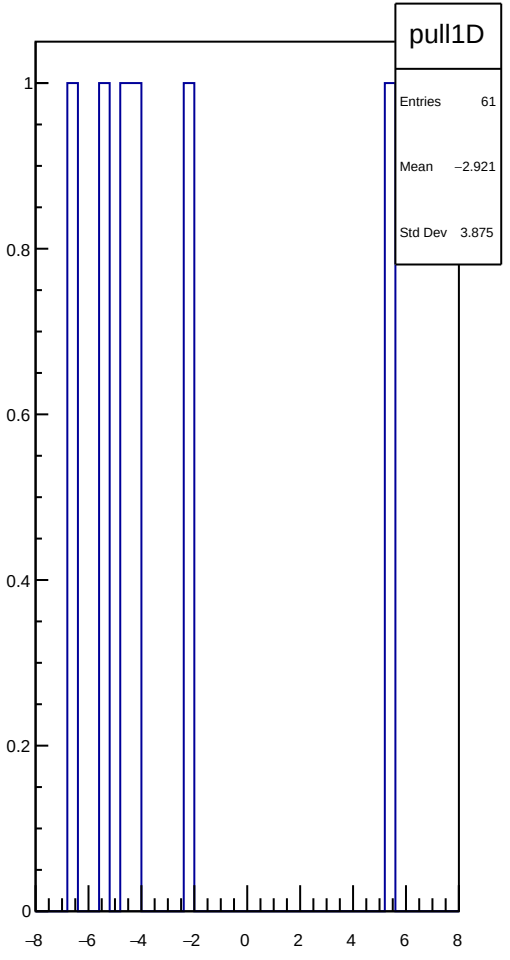

asym_bpm0i07WS_rms vs run
χ² / ndf 8315 / 60
p0 605.2 ± 0.551
750
700
650
600
550
500
450
400

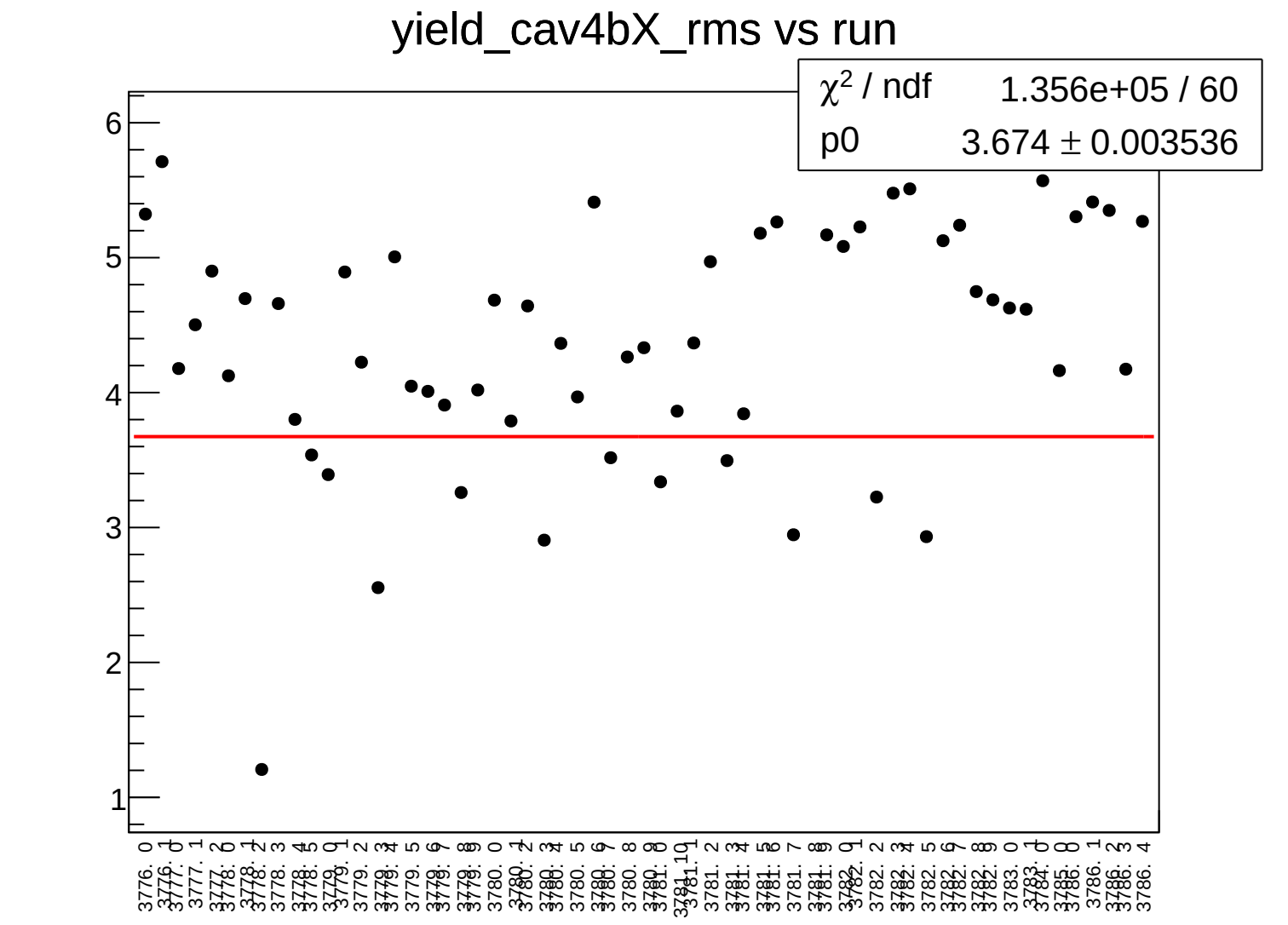

asym_bpm0l01WS_mean vs run
χ² / ndf 33.63 / 60
p0 147.3 ± 275.5
pull
Entries 61
Mean −228
Std Dev 268

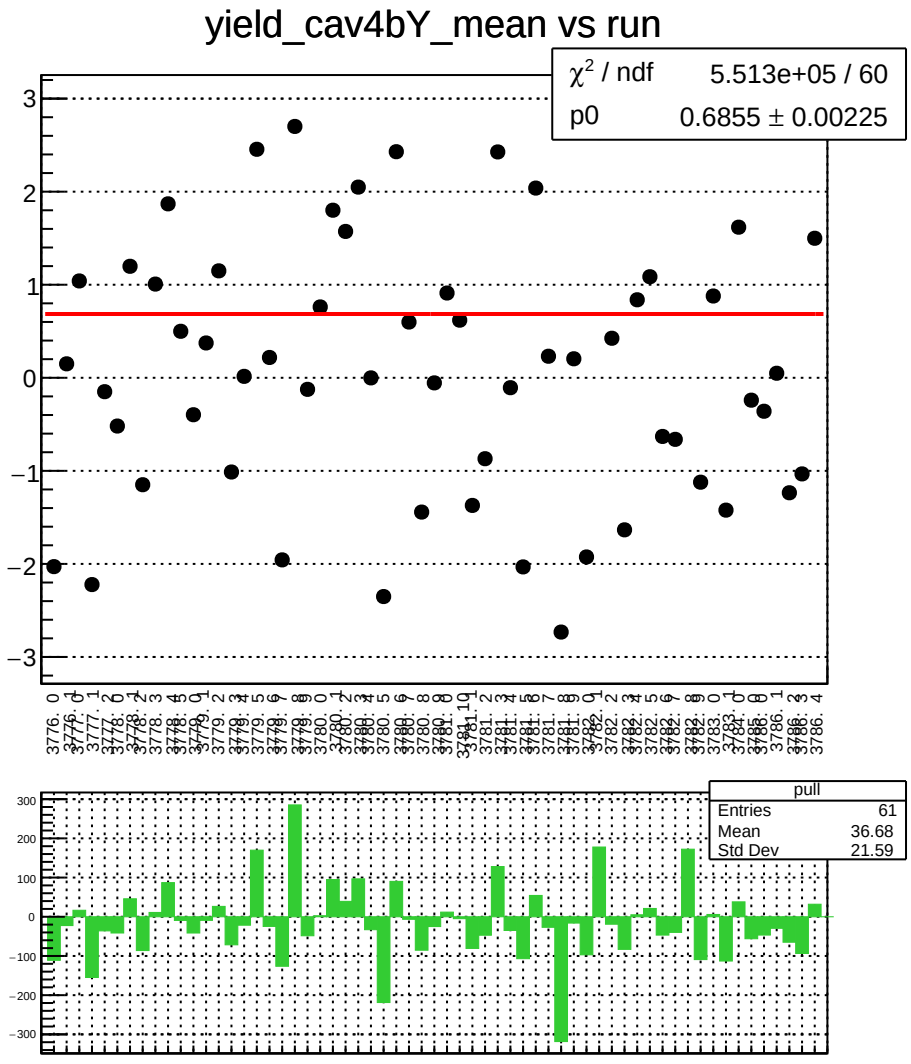

pull1D
Entries 61
Mean 0.006462
Std Dev 0.7425

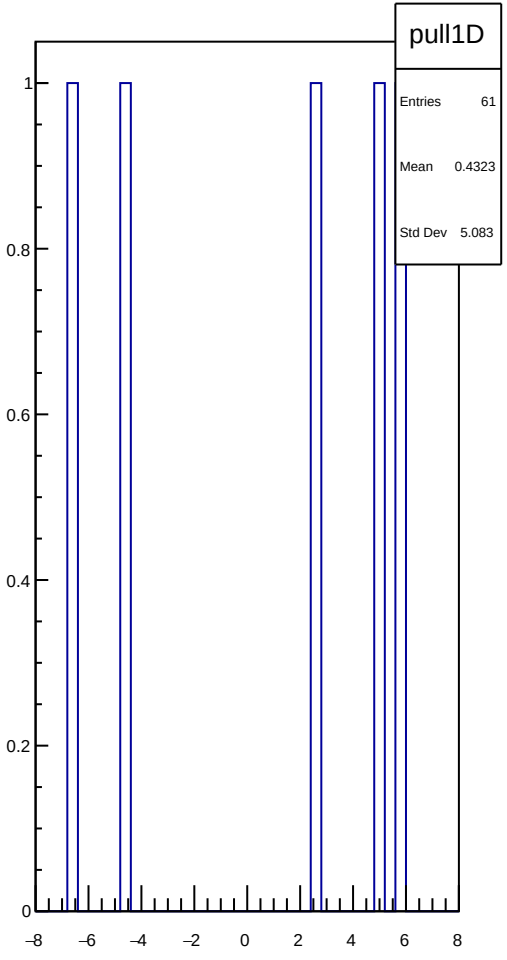

asym_bpm0l01WS_rms vs run
χ² / ndf 1.102e+04 / 60
p0 213.7 ± 0.1948
320
300
280
260
240
220
200
180

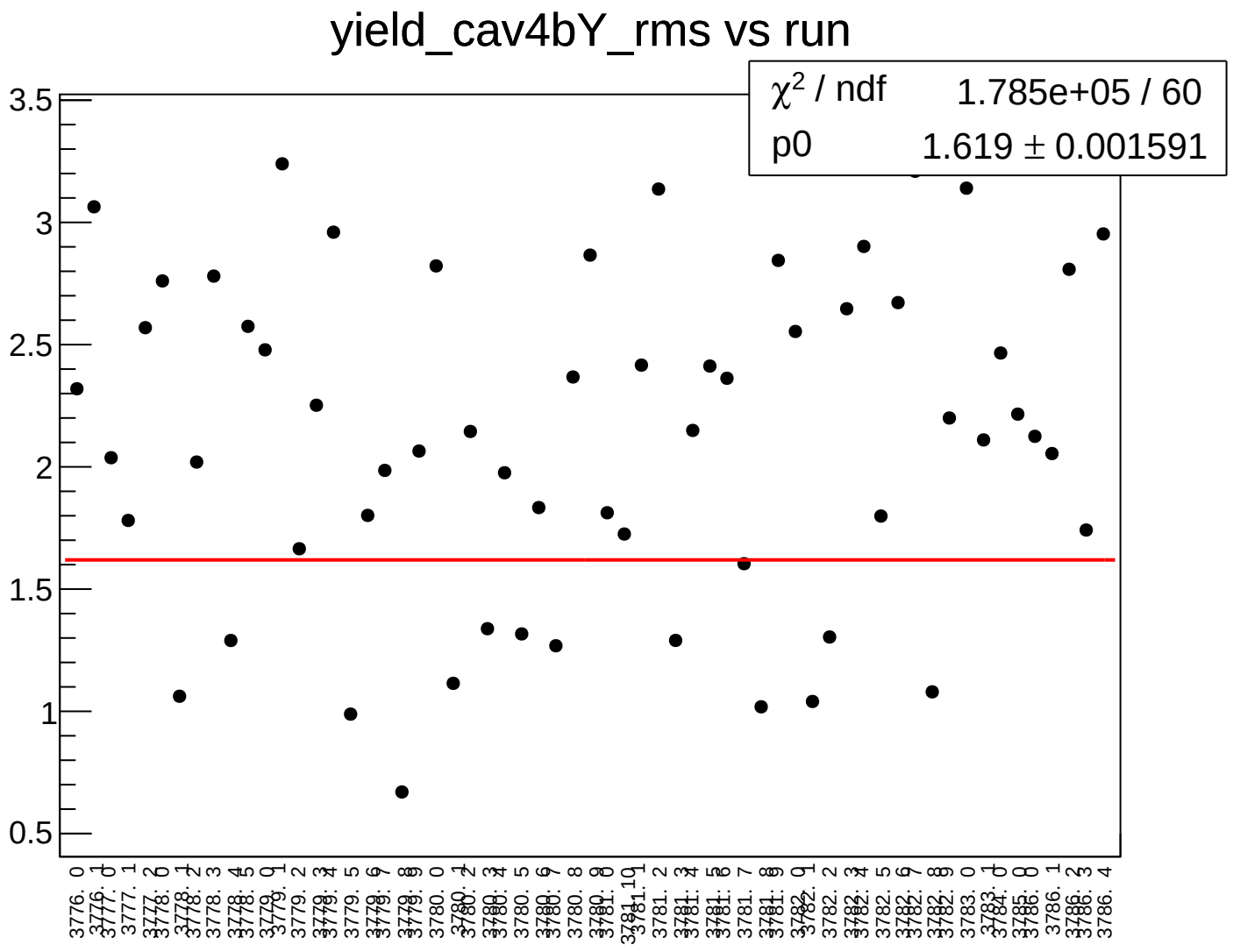

yield_cav4bX_mean vs run
χ² / ndf 1.243e+05 / 60
p0 2.934 ± 0.005001
pull
Entries 61
Mean 54.61
Std Dev 4.509

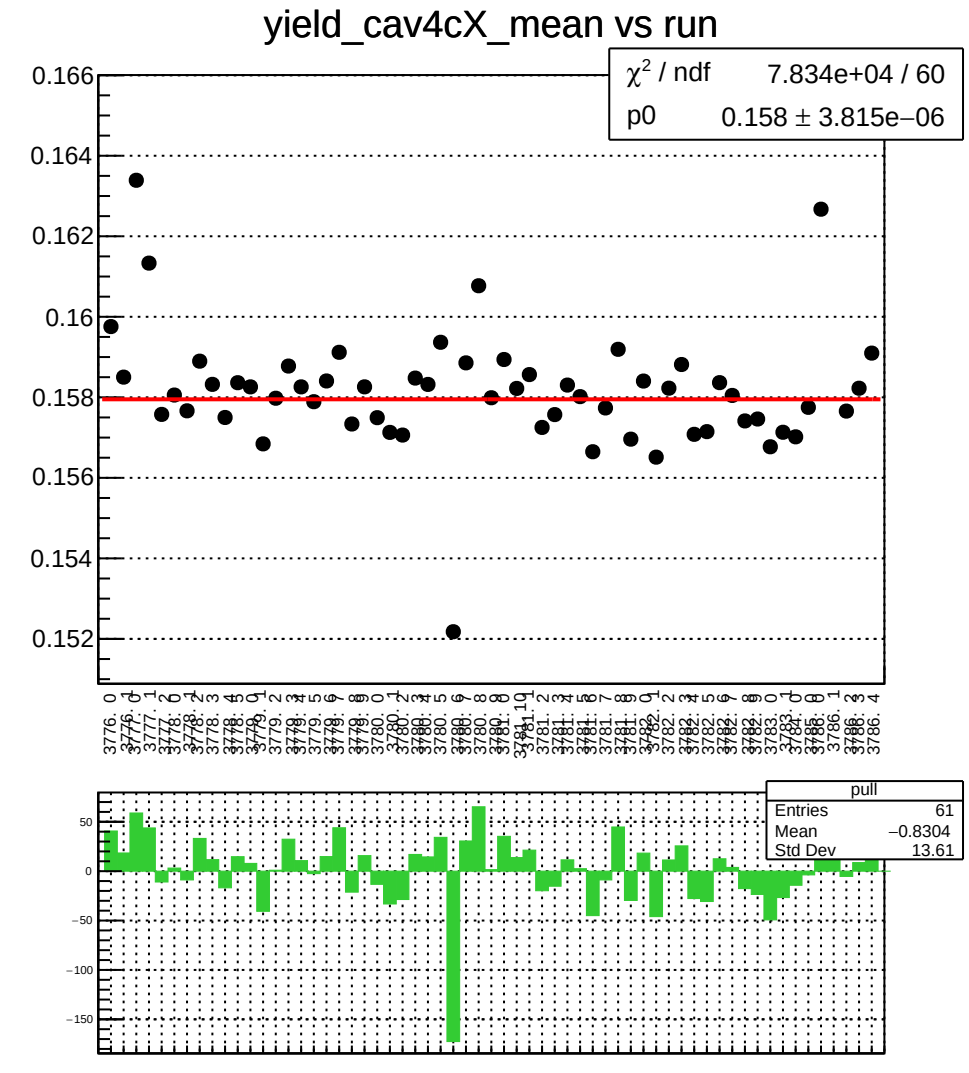

pull1D
Entries 61
Mean −2.921
Std Dev 3.875

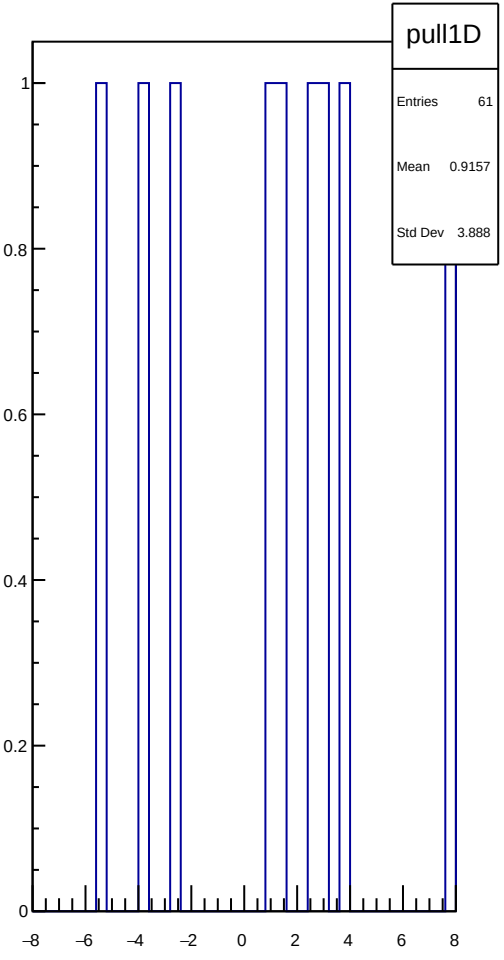

yield_cav4bX_rms vs run
χ^2 / ndf 1.356e+05 / 60
p0 3.674 ± 0.003536
6
5
4
3
2
1

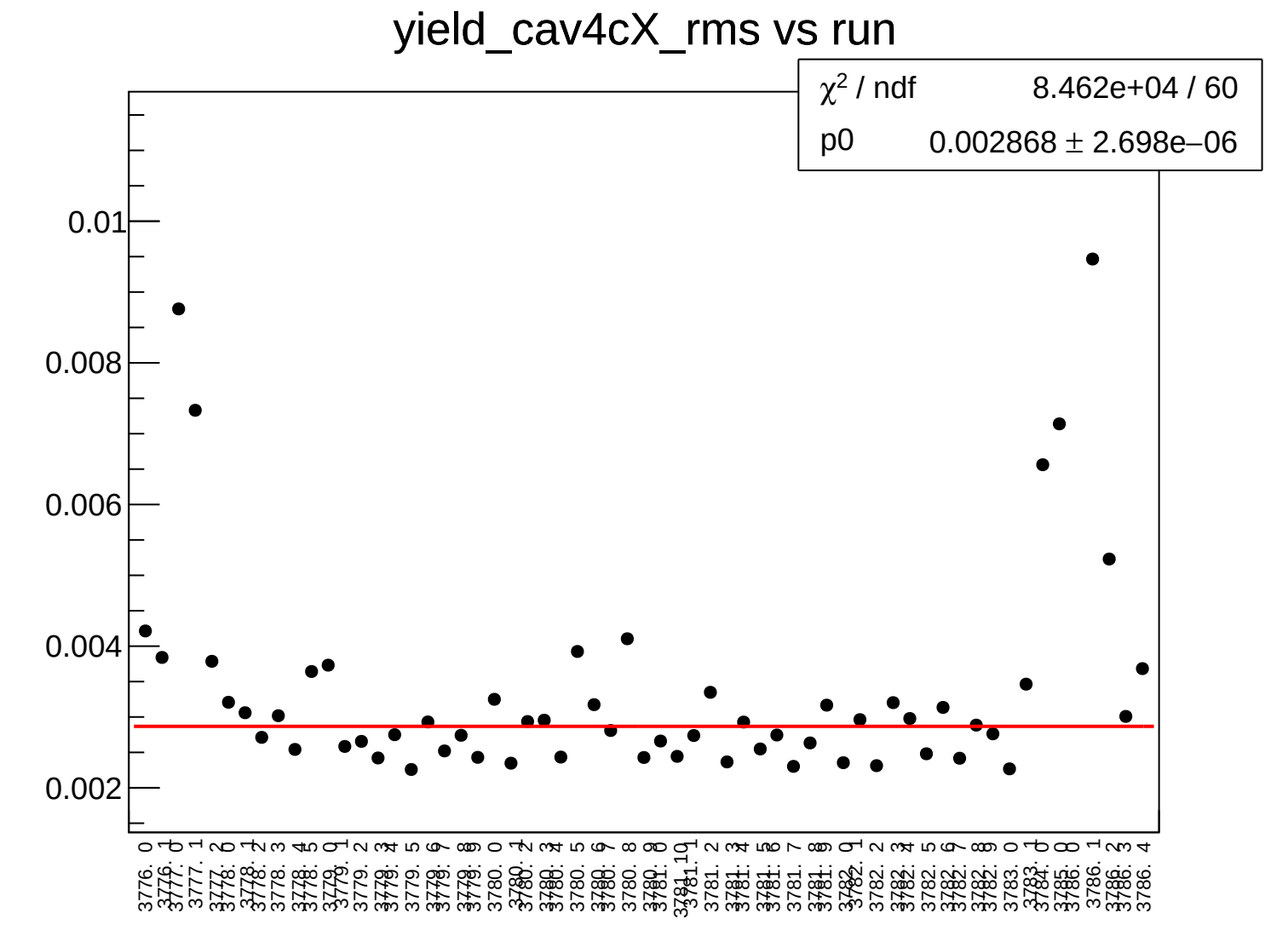

yield_cav4bY_mean vs run
χ² / ndf 5.513e+05 / 60
p0 0.6855 ± 0.00225
pull
Entries 61
Mean 36.68
Std Dev 21.59

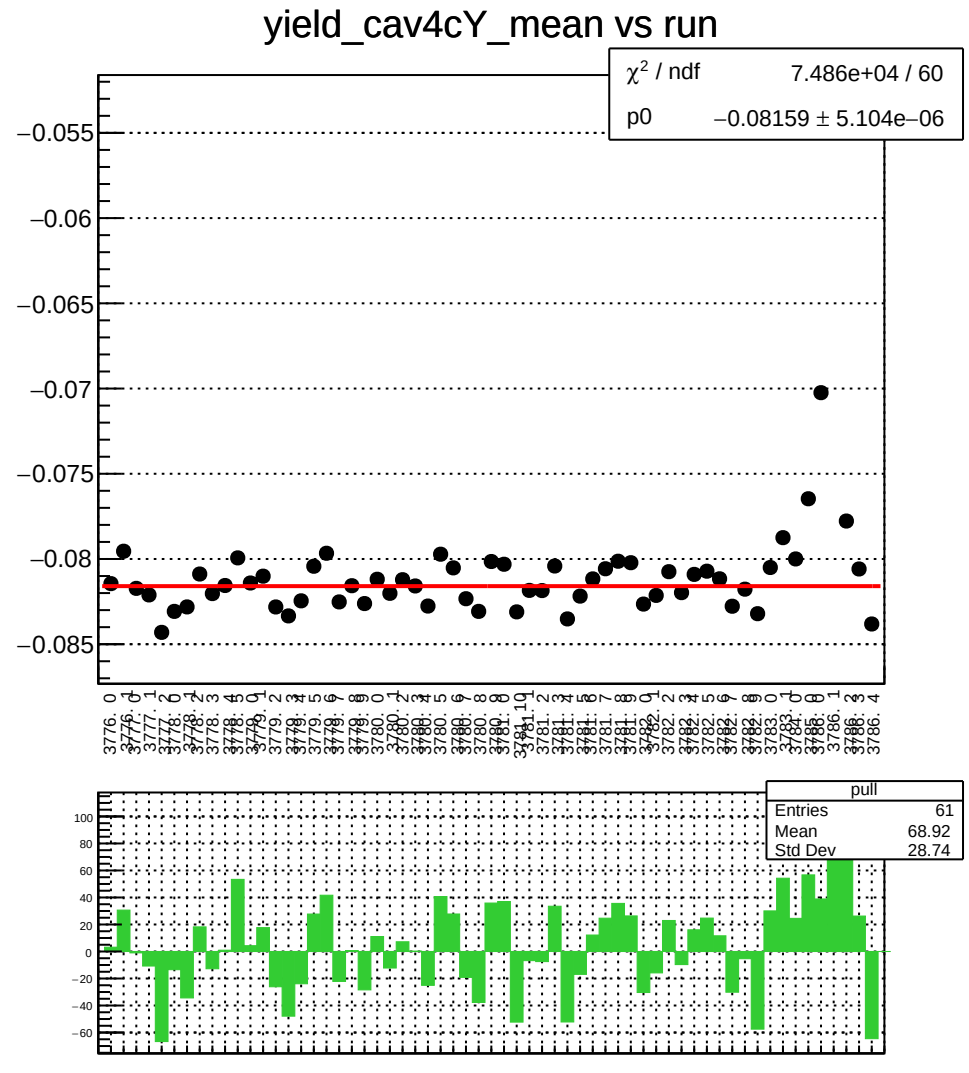

pull1D
Entries 61
Mean 0.4323
Std Dev 5.083

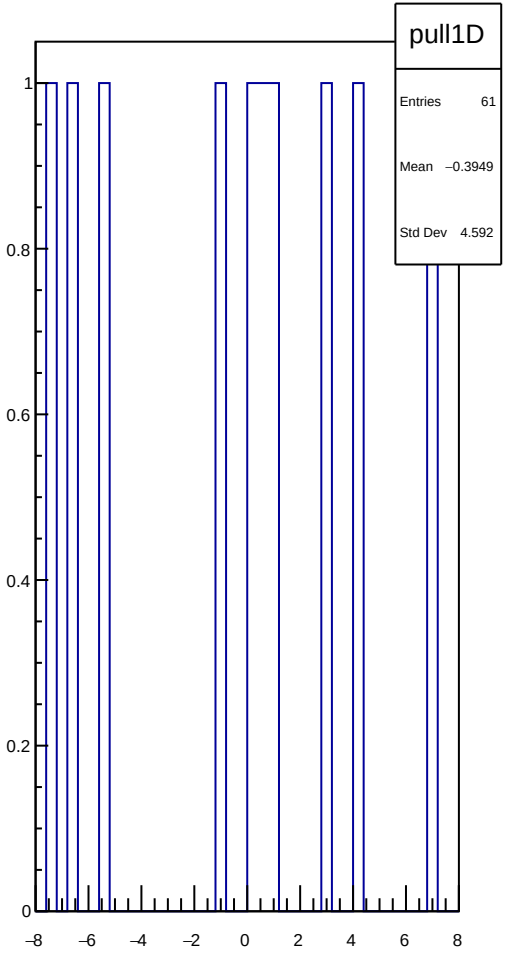

yield_cav4bY_rms vs run
χ² / ndf 1.785e+05 / 60
p0 1.619 ± 0.001591
3.5
3
2.5
2
1.5
1
0.5

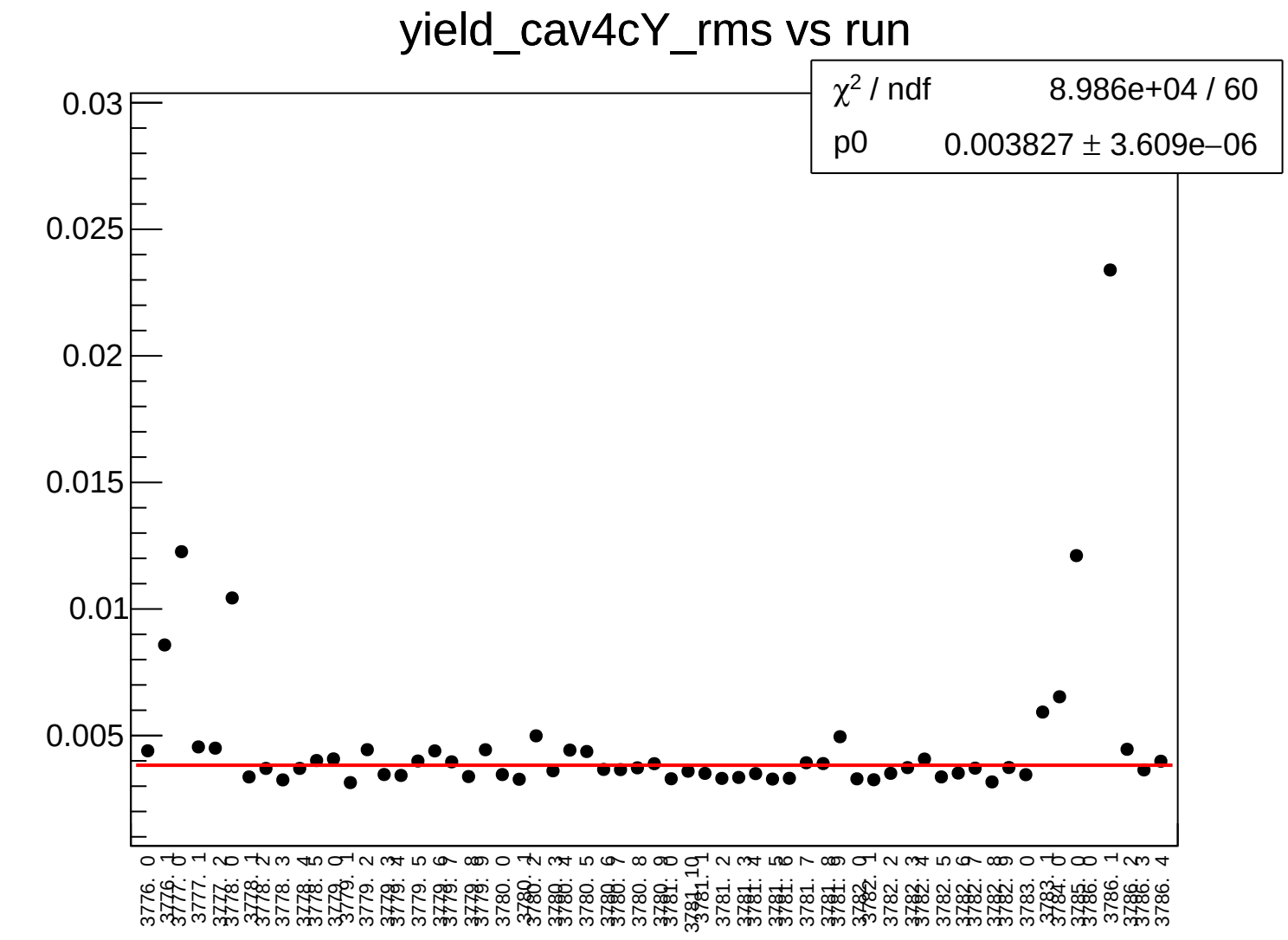

yield_cav4cX_mean vs run
χ² / ndf 7.834e+04 / 60
p0 0.158 ± 3.815e−06
pull
Entries 61
Mean −0.8304
Std Dev 13.61

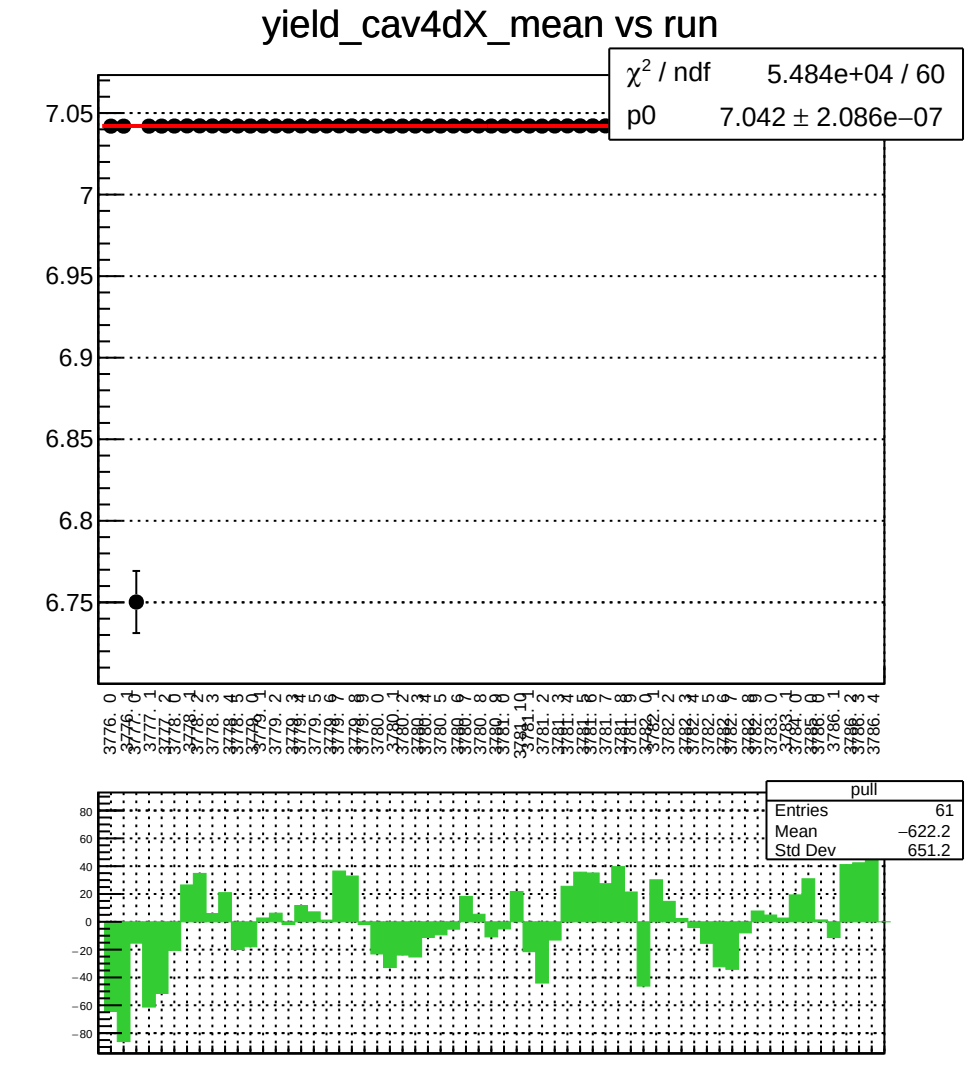

pull1D
Entries 61
Mean 0.9157
Std Dev 3.888

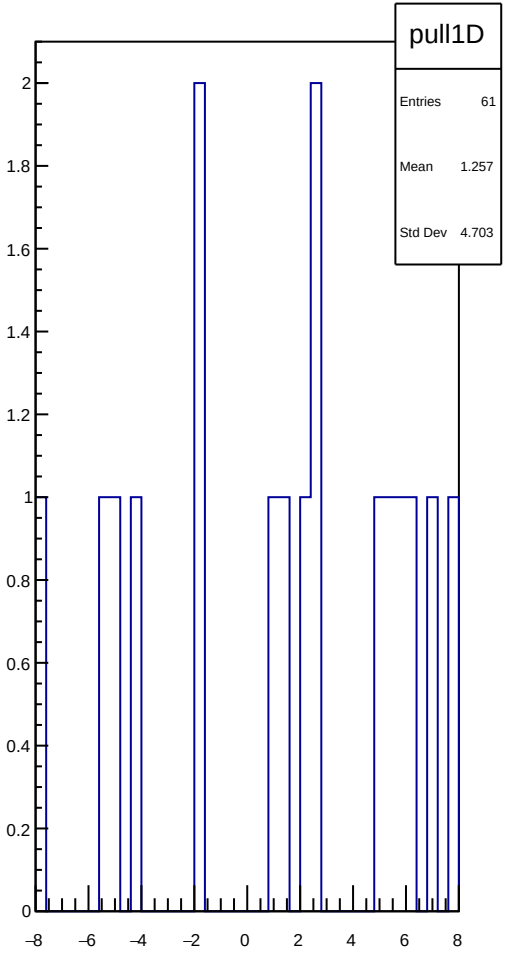

yield_cav4cX_rms vs run
χ² / ndf 8.462e+04 / 60
p0 0.002868 ± 2.698e−06
0.01
0.008
0.006
0.004
0.002

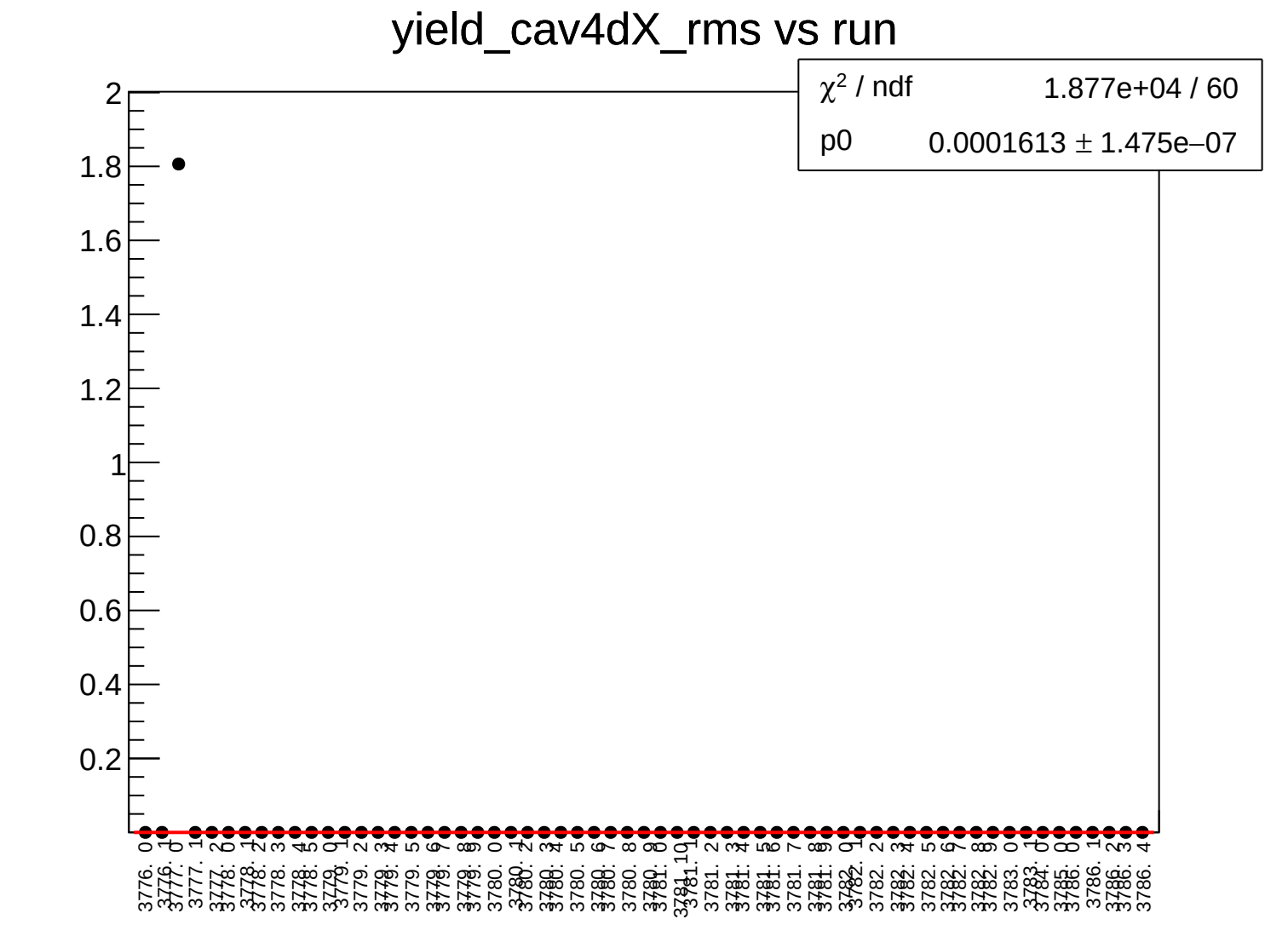

yield_cav4cY_mean vs run
χ² / ndf 7.486e+04 / 60
p0 −0.08159 ± 5.104e−06
−0.055
−0.06
−0.065
−0.07
−0.075
−0.08
−0.085
pull
Entries 61
Mean 68.92
Std Dev 28.74
100
80
60
40
20
0
−20
−40
−60

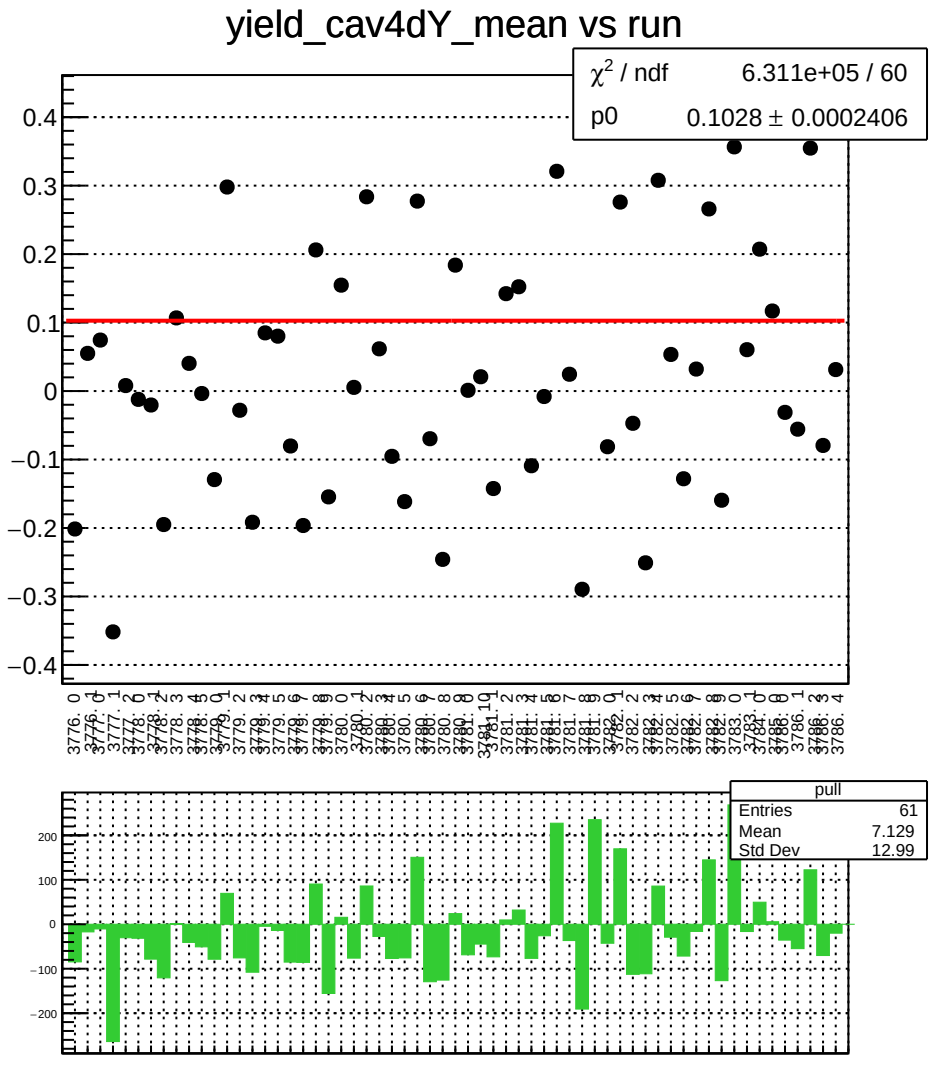

pull1D
Entries 61
Mean −0.3949
Std Dev 4.592
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

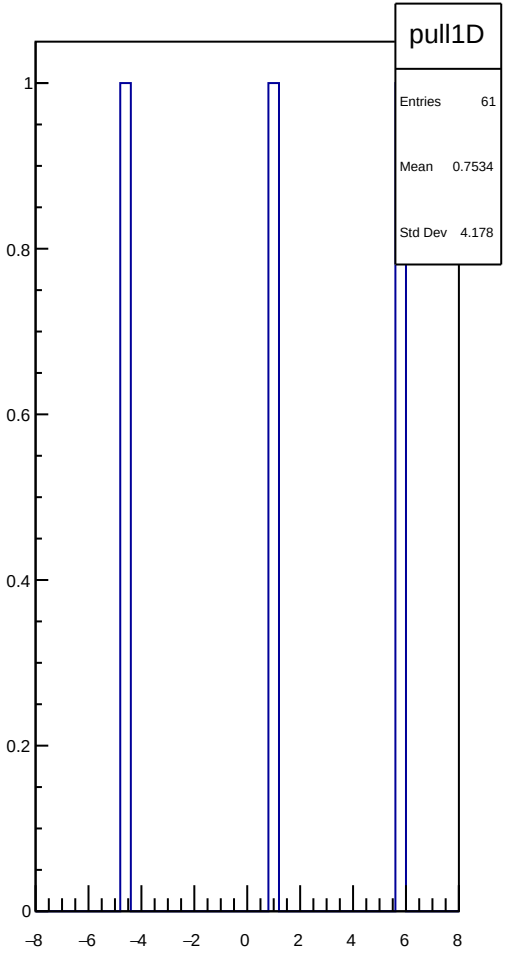

yield_cav4cY_rms vs run
χ² / ndf 8.986e+04 / 60
p0 0.003827 ± 3.609e−06
0.03
0.025
0.02
0.015
0.01
0.005

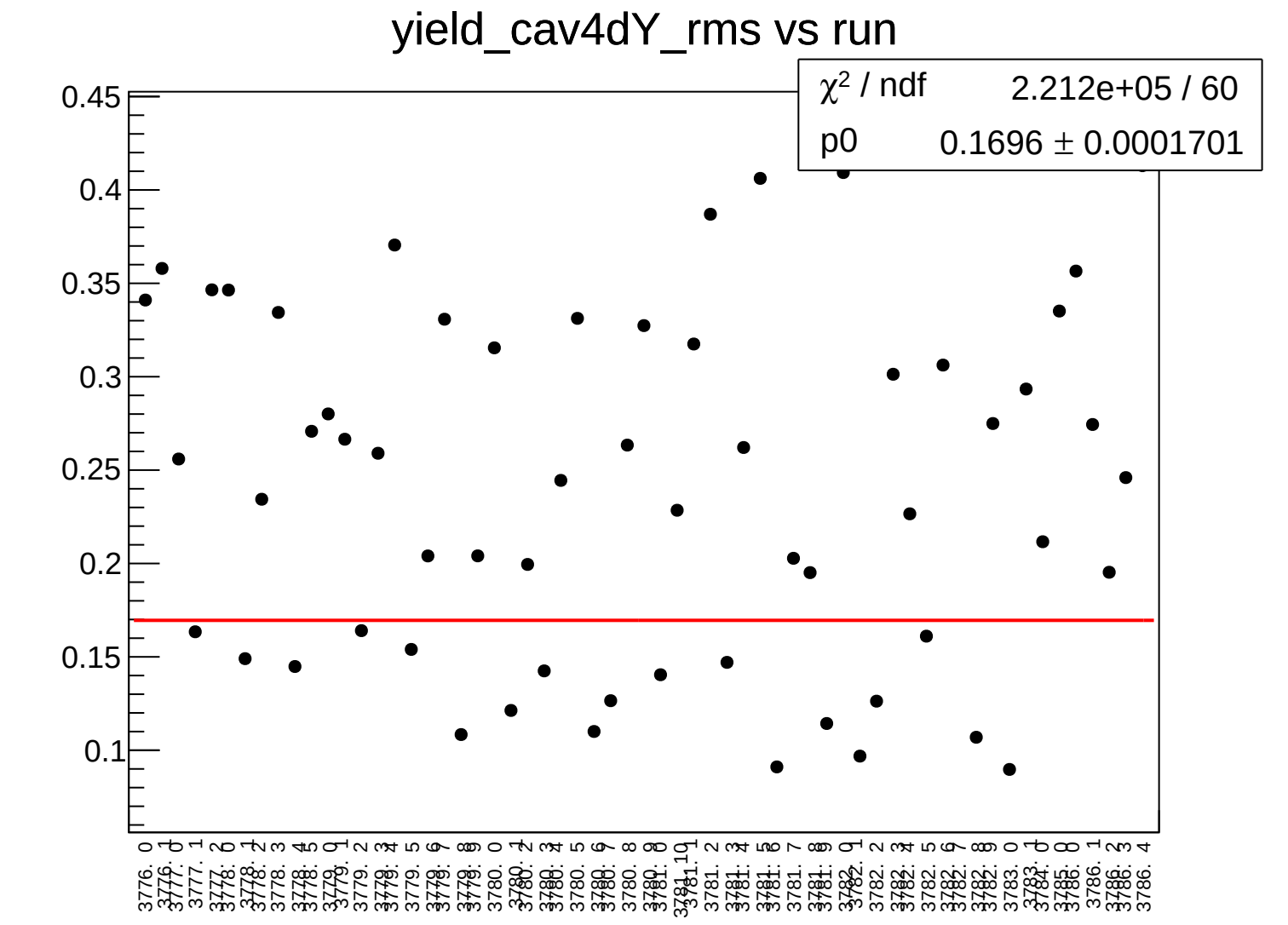

yield_cav4dX_mean vs run
χ² / ndf 5.484e+04 / 60
p0 7.042 ± 2.086e−07
7.05
7
6.95
6.9
6.85
6.8
6.75
pull
Entries 61
Mean −622.2
Std Dev 651.2
80
60
40
20
0
−20
−40
−60
−80

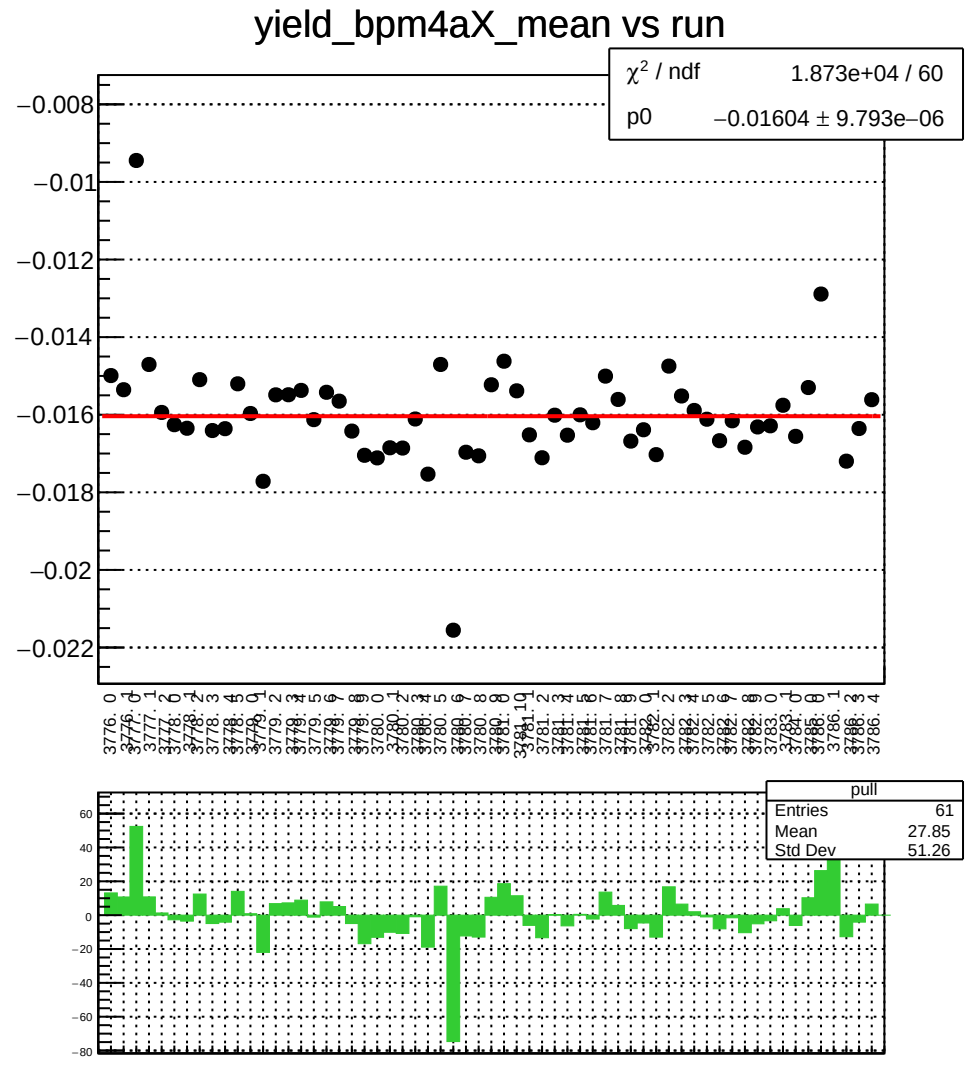

pull1D
Entries 61
Mean 1.257
Std Dev 4.703
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

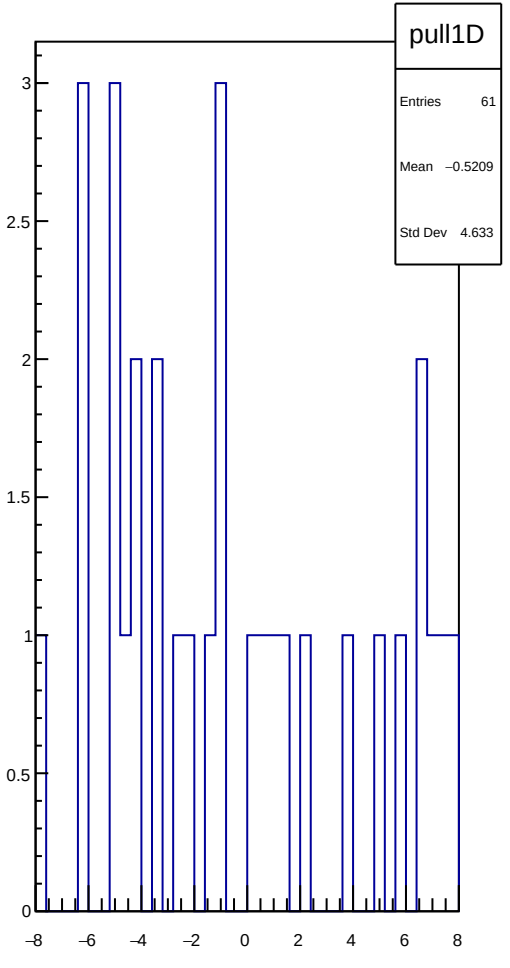

yield_cav4dX_rms vs run
χ² / ndf 1.877e+04 / 60
p0 0.0001613 ± 1.475e−07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
3776. 0
3776. 1
3777. 0
3777. 1
3777. 2
3778. 0
3778. 1
3778. 2
3778. 3
3778. 4
3778. 5
3779. 0
3779. 1
3779. 2
3779. 3
3779. 4
3779. 5
3779. 6
3779. 7
3779. 8
3779. 9
3780. 0
3780. 1
3780. 2
3780. 3
3780. 4
3780. 5
3780. 6
3780. 7
3780. 8
3780. 9
3781. 0
3781. 10
3781. 1
3781. 2
3781. 3
3781. 4
3781. 5
3781. 6
3781. 7
3781. 8
3781. 9
3782. 0
3782. 1
3782. 2
3782. 3
3782. 4
3782. 5
3782. 6
3782. 7
3782. 8
3782. 9
3783. 0
3783. 1
3784. 0
3785. 0
3785. 1
3786. 1
3786. 2
3786. 3
3786. 4

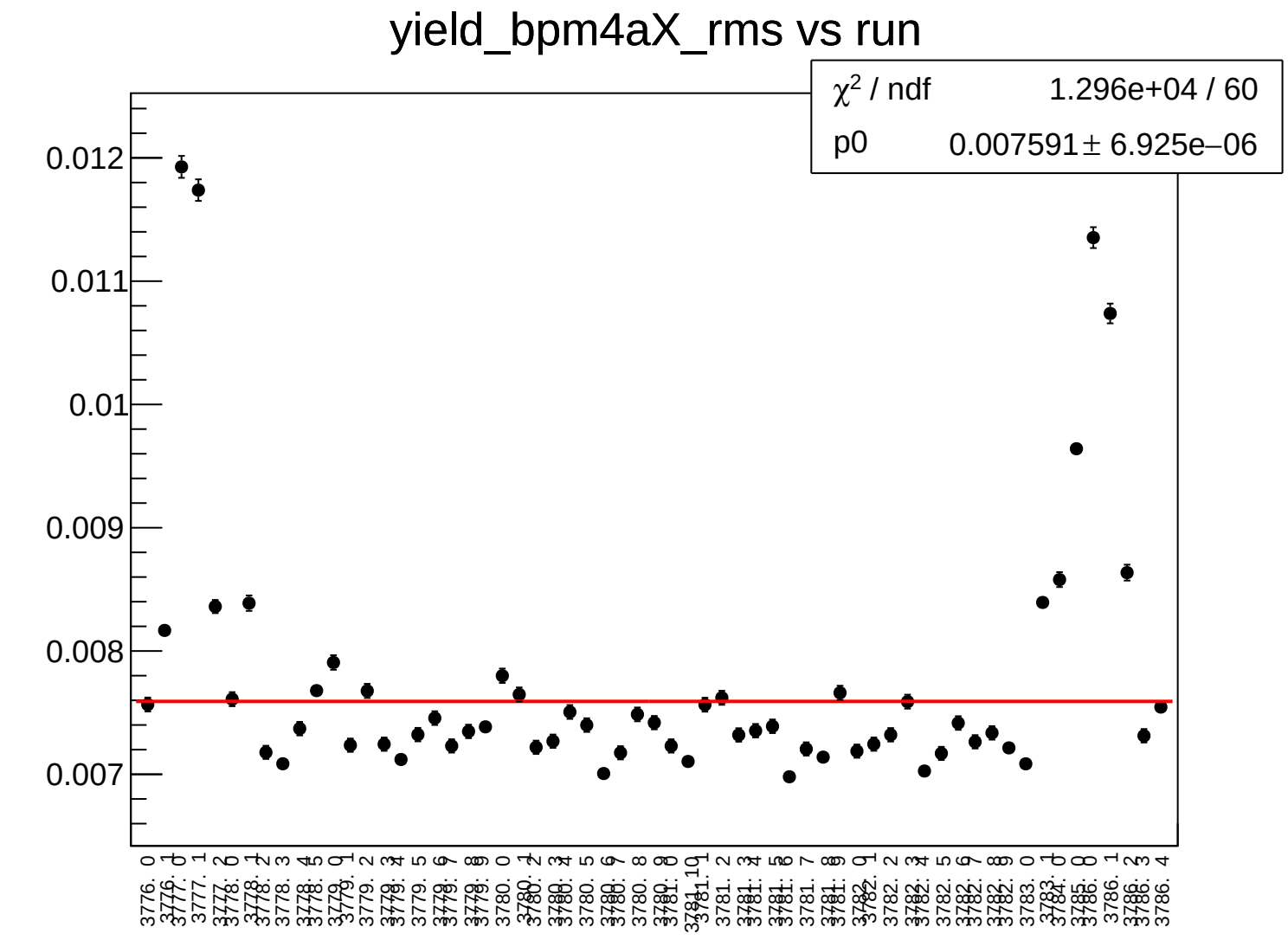

yield_cav4dY_mean vs run
χ² / ndf 6.311e+05 / 60
p0 0.1028 ± 0.0002406
pull
Entries 61
Mean 7.129
Std Dev 12.99

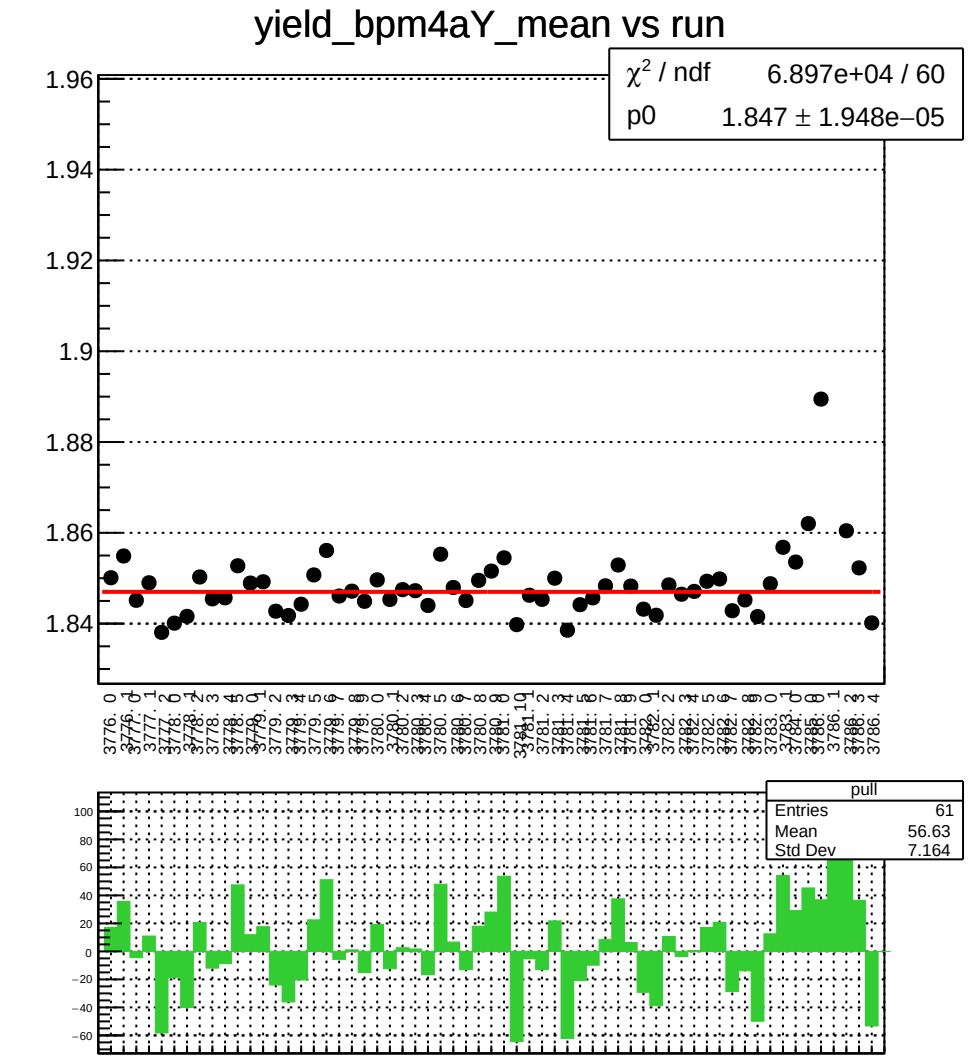

pull1D
Entries 61
Mean 0.7534
Std Dev 4.178

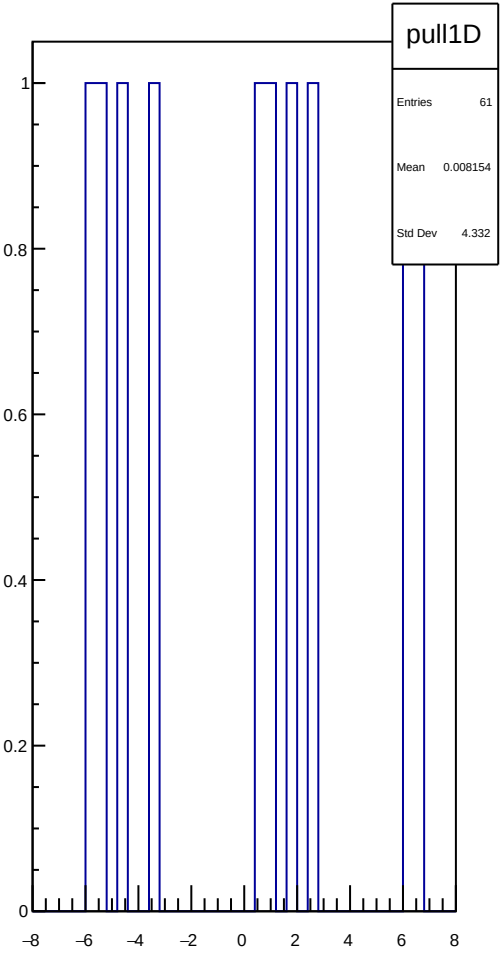

yield_cav4dY_rms vs run
χ² / ndf 2.212e+05 / 60
p0 0.1696 ± 0.0001701
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
3776. 0
3776. 1
3776. 2
3777. 0
3777. 1
3777. 2
3778. 0
3778. 1
3778. 2
3778. 3
3778. 4
3778. 5
3779. 0
3779. 1
3779. 2
3779. 3
3779. 4
3779. 5
3779. 6
3779. 7
3779. 8
3779. 9
3780. 0
3780. 1
3780. 2
3780. 3
3780. 4
3780. 5
3780. 6
3780. 7
3780. 8
3780. 9
3781. 0
3781. 1
3781. 2
3781. 3
3781. 4
3781. 5
3781. 6
3781. 7
3781. 8
3781. 9
3782. 0
3782. 1
3782. 2
3782. 3
3782. 4
3782. 5
3782. 6
3782. 7
3782. 8
3782. 9
3783. 0
3783. 1
3784. 0
3785. 0
3786. 0
3786. 1
3786. 2
3786. 3
3786. 4

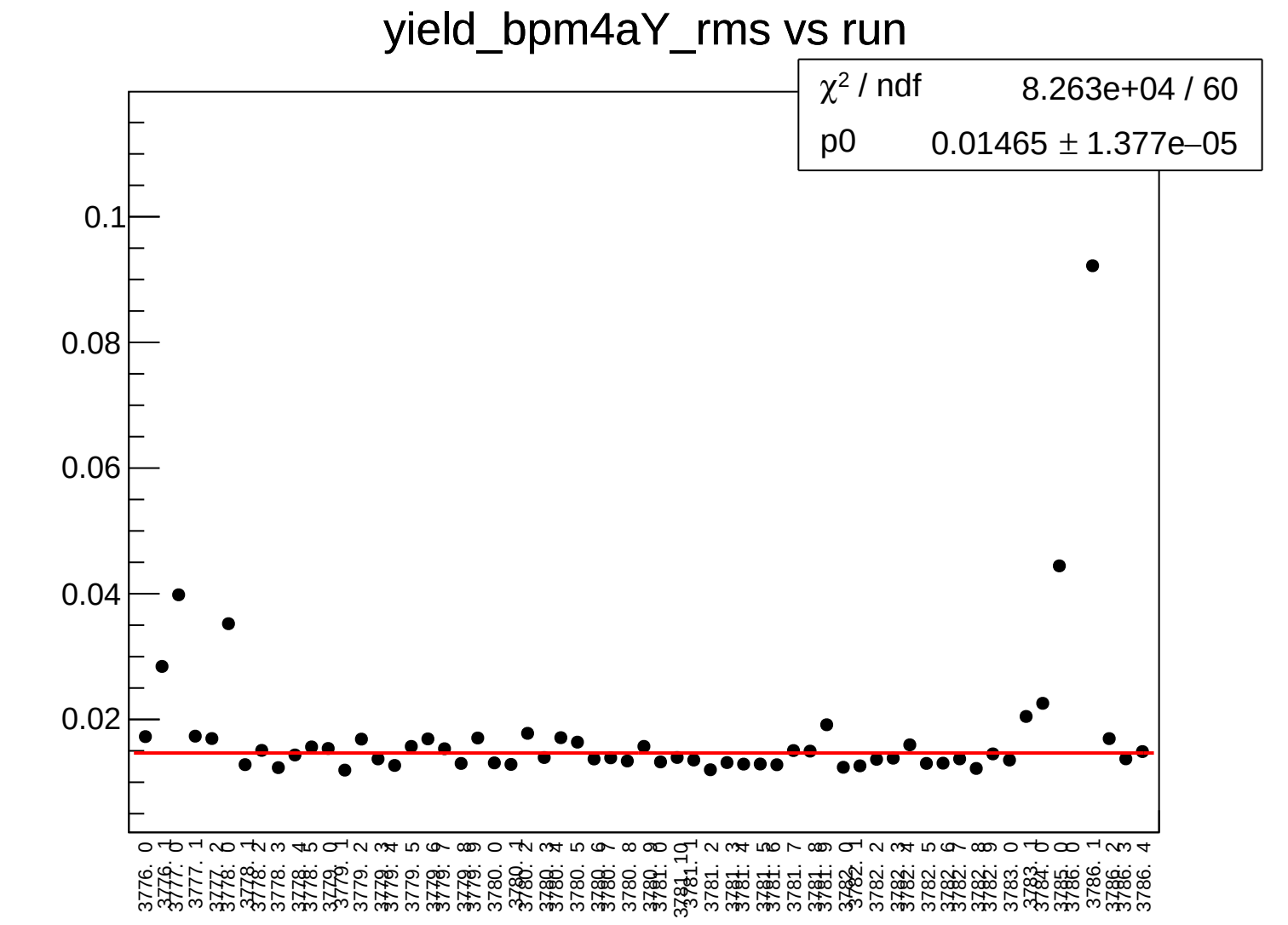

yield_bpm4aX_mean vs run
χ² / ndf 1.873e+04 / 60
p0 −0.01604 ± 9.793e−06
−0.008
−0.01
−0.012
−0.014
−0.016
−0.018
−0.02
−0.022
pull
Entries 61
Mean 27.85
Std Dev 51.26
60
40
20
0
−20
−40
−60
−80

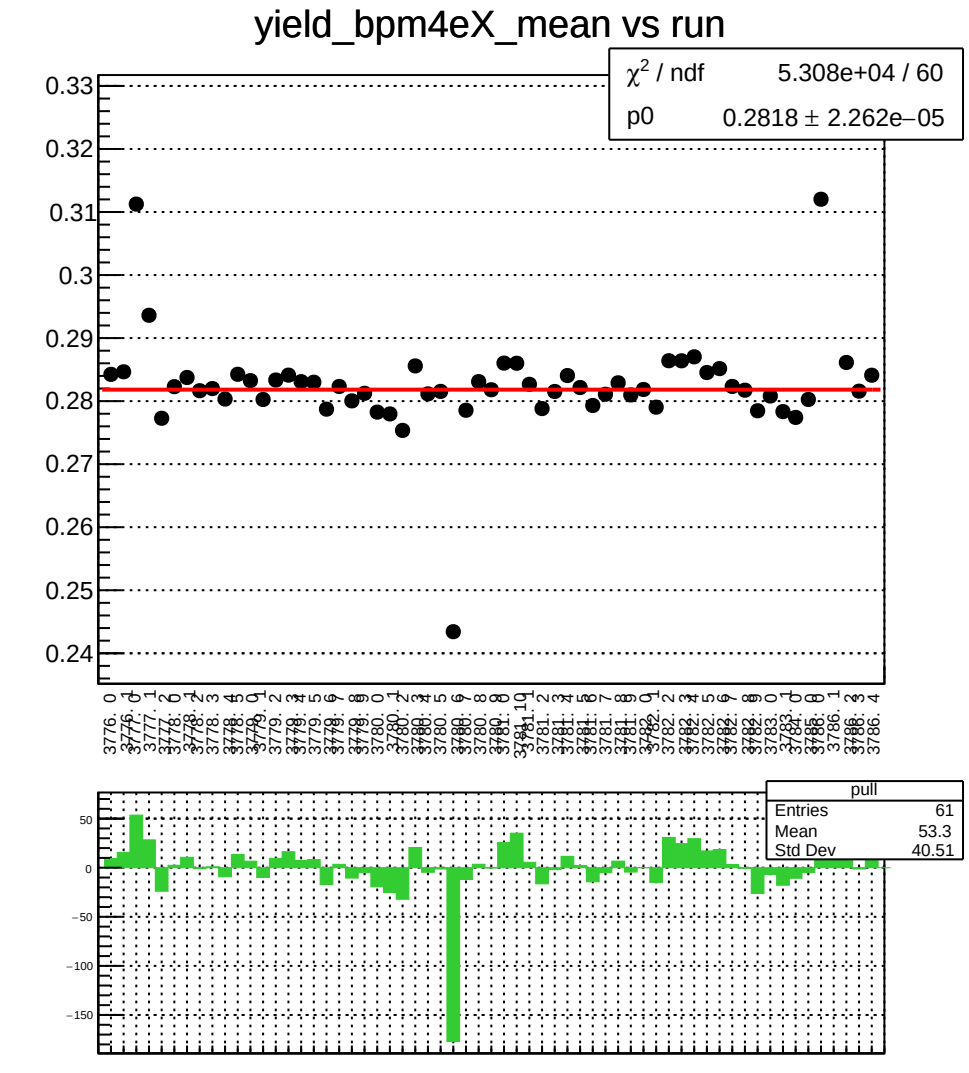

pull1D
Entries 61
Mean −0.5209
Std Dev 4.633
3
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

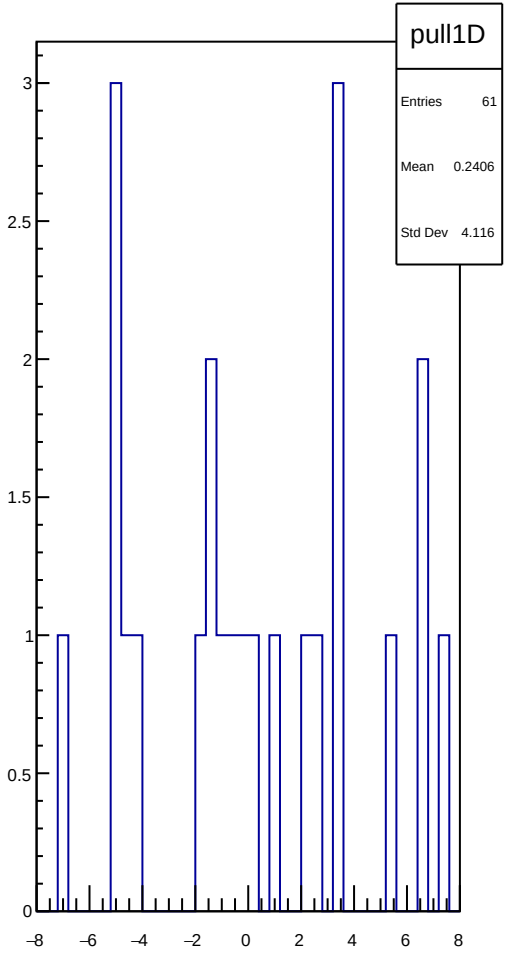

yield_bpm4aX_rms vs run
χ² / ndf 1.296e+04 / 60
p0 0.007591 ± 6.925e−06
0.012
0.011
0.01
0.009
0.008
0.007

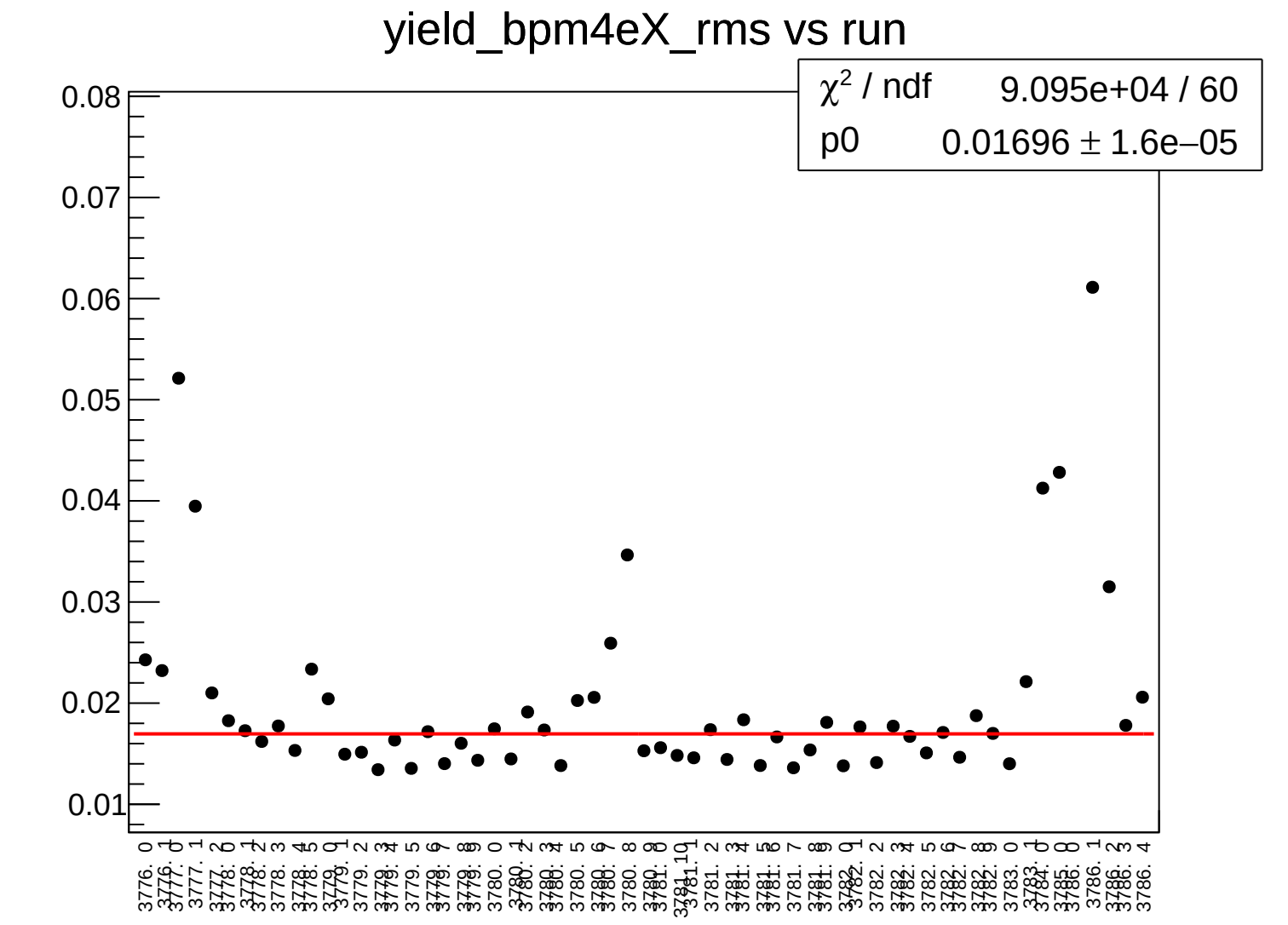

yield_bpm4aY_mean vs run
χ² / ndf 6.897e+04 / 60
p0 1.847 ± 1.948e−05
pull
Entries 61
Mean 56.63
Std Dev 7.164

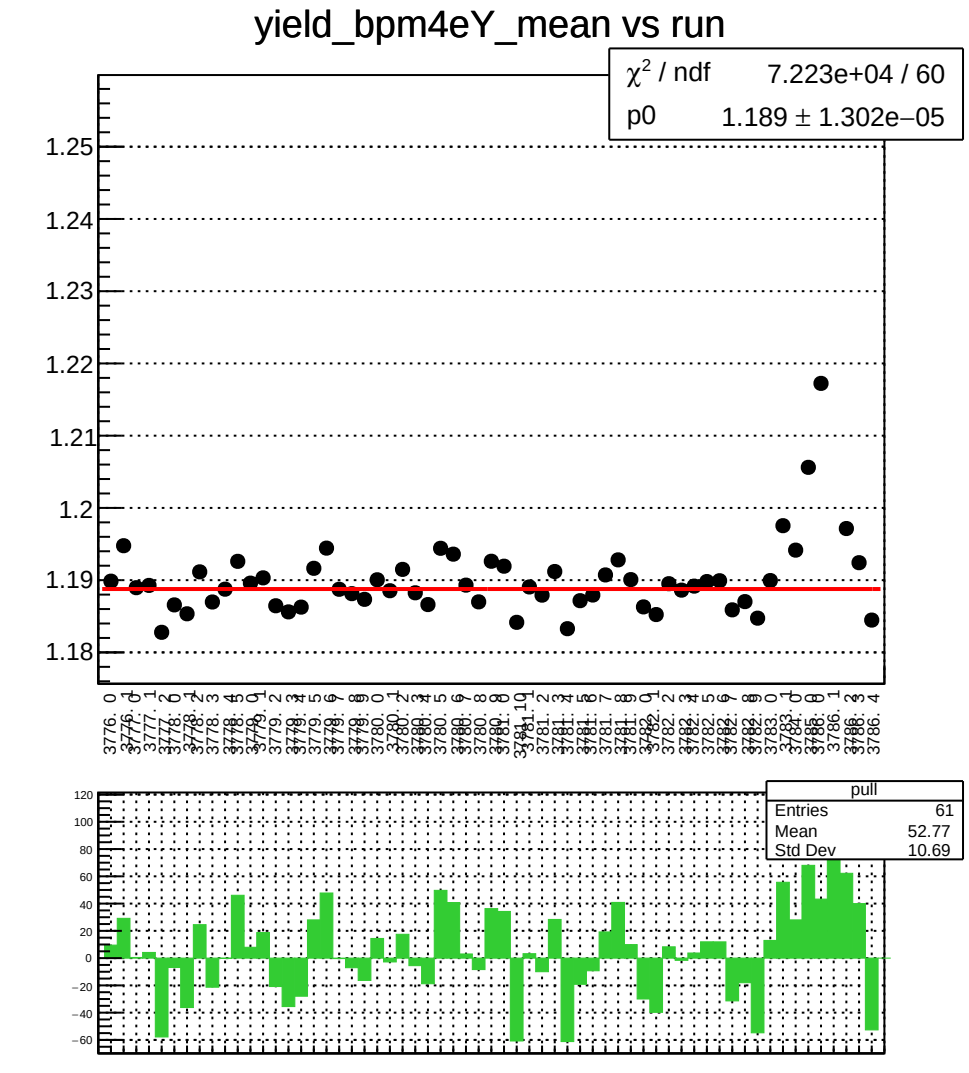

pull1D
Entries 61
Mean 0.008154
Std Dev 4.332

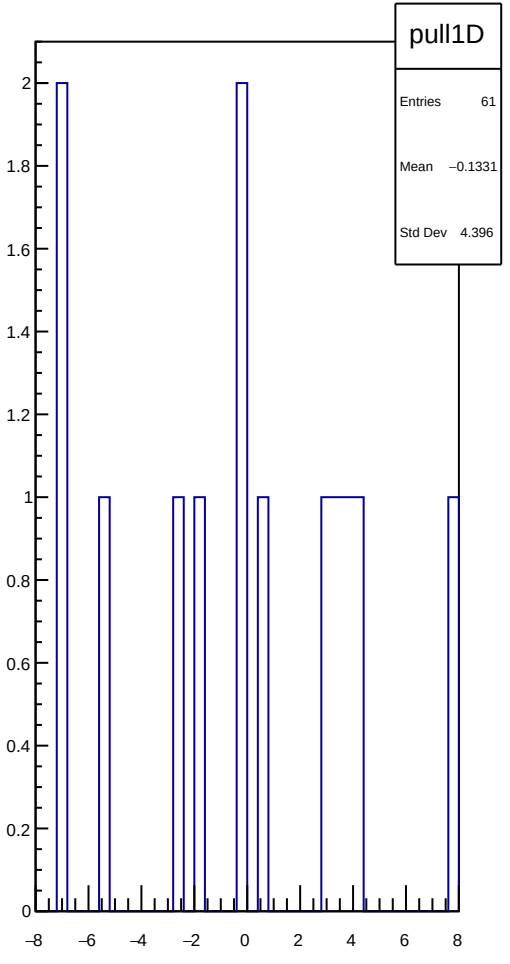

yield_bpm4aY_rms vs run
χ² / ndf 8.263e+04 / 60
p0 0.01465 ± 1.377e–05
0.1
0.08
0.06
0.04
0.02

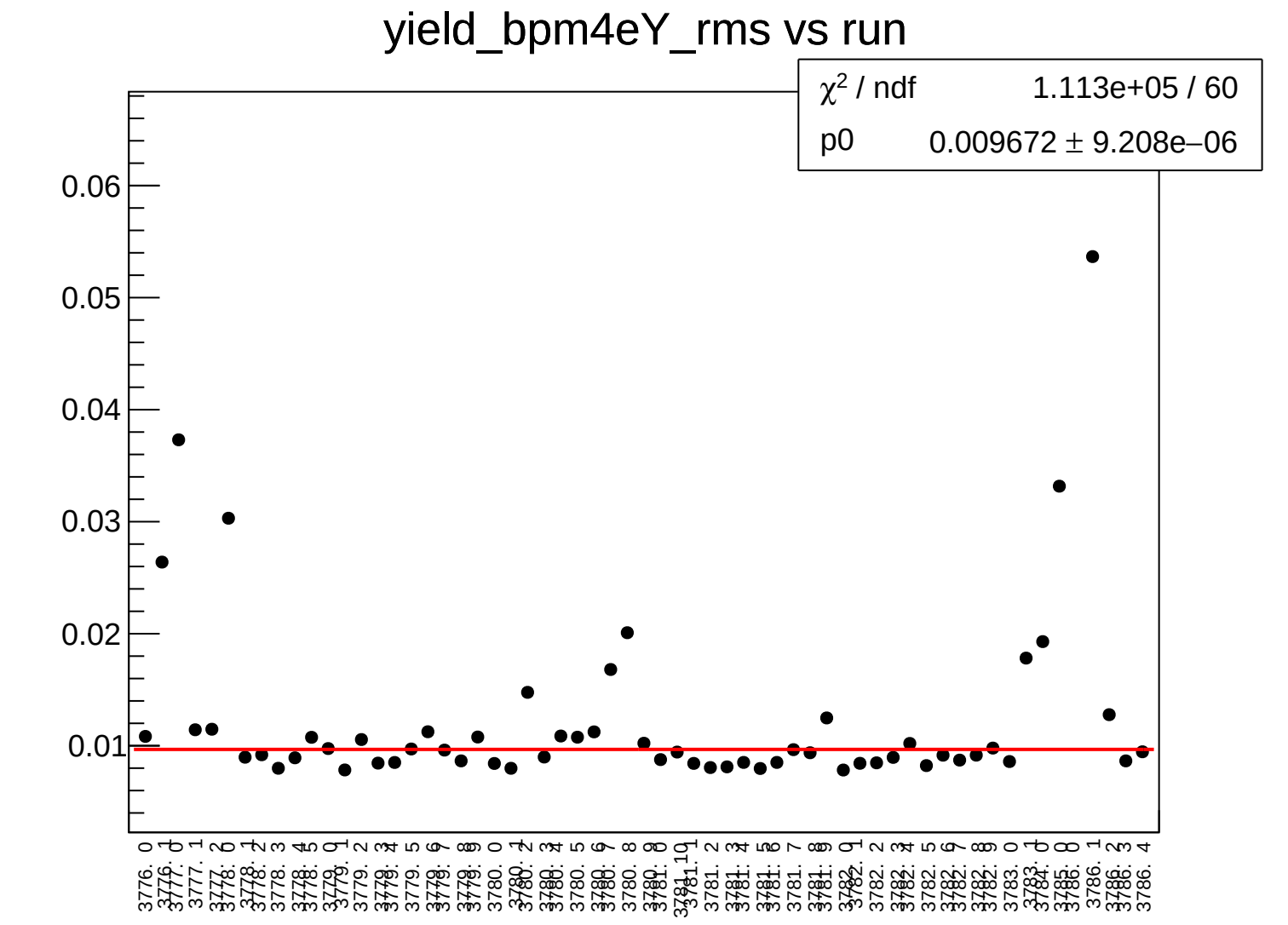

yield_bpm4eX_mean vs run
χ² / ndf 5.308e+04 / 60
p0 0.2818 ± 2.262e−05
pull
Entries 61
Mean 53.3
Std Dev 40.51

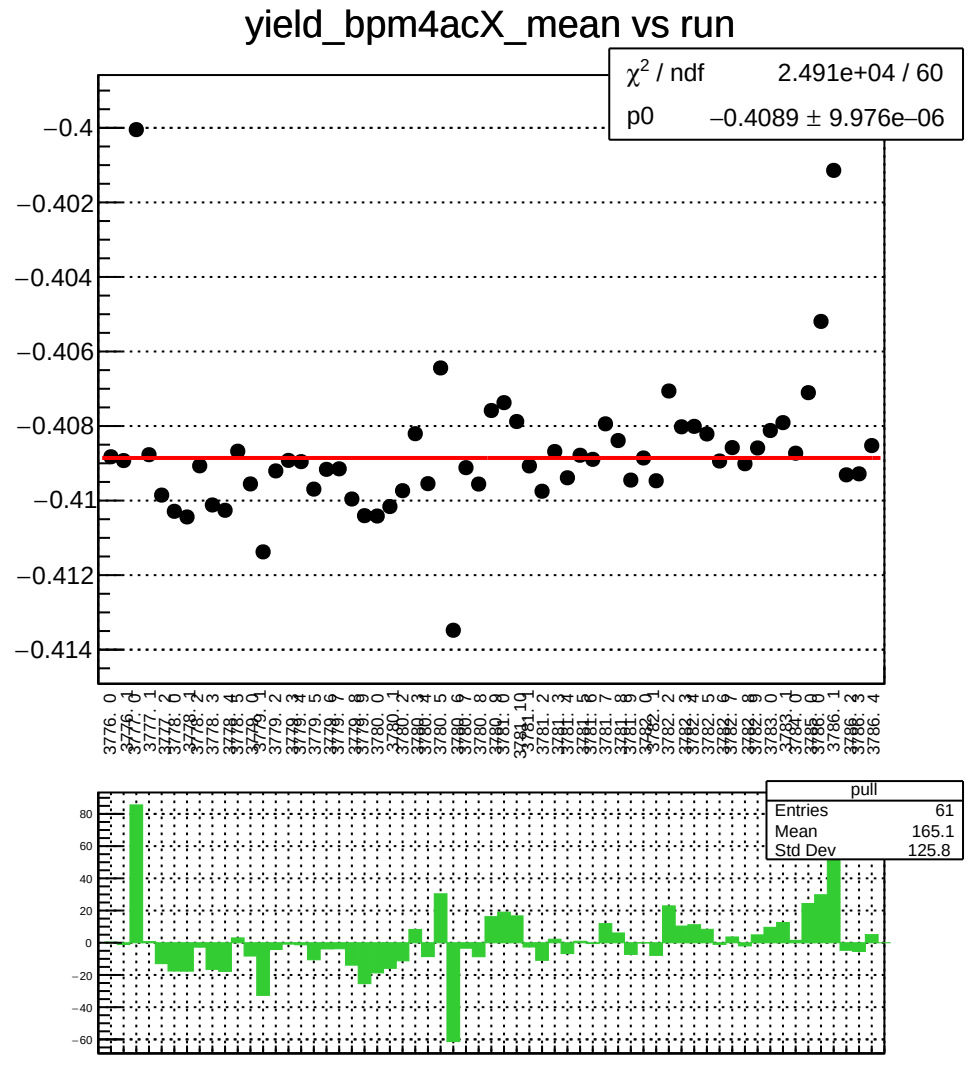

pull1D
Entries 61
Mean 0.2406
Std Dev 4.116

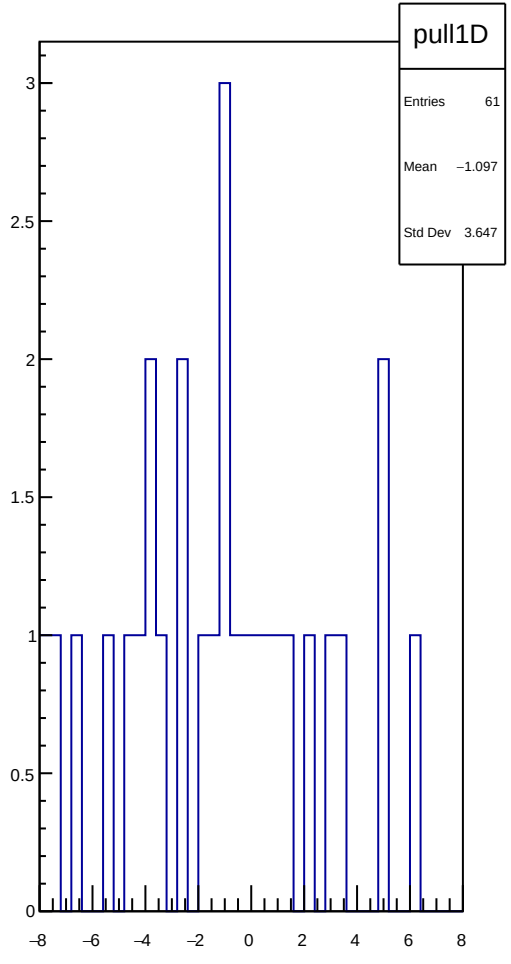

yield_bpm4eX_rms vs run
χ^2 / ndf 9.095e+04 / 60
p0 0.01696 ± 1.6e−05
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01

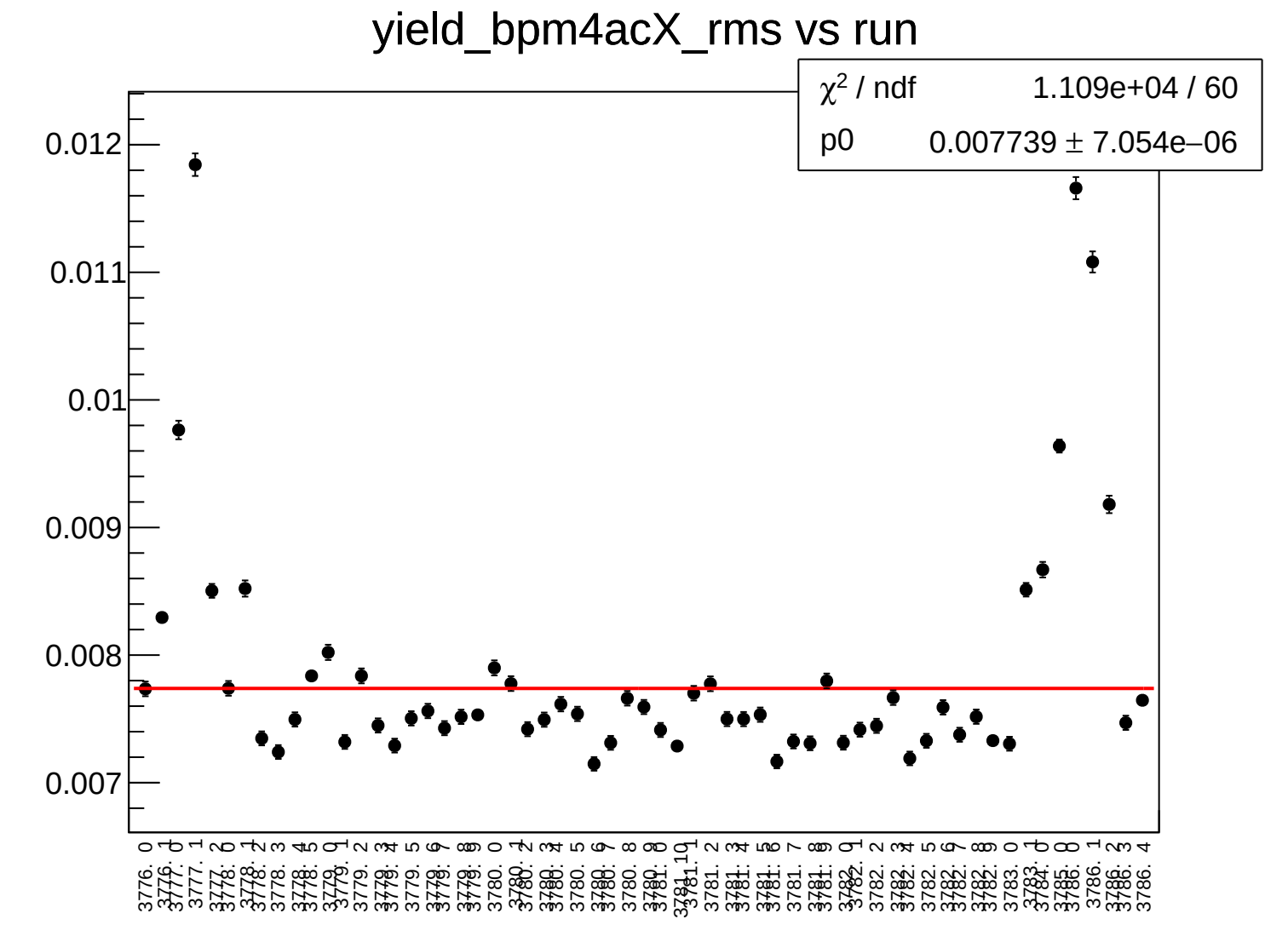

yield_bpm4eY_mean vs run
χ² / ndf 7.223e+04 / 60
p0 1.189 ± 1.302e−05
1.25
1.24
1.23
1.22
1.21
1.2
1.19
1.18
pull
Entries 61
Mean 52.77
Std Dev 10.69
120
100
80
60
40
20
0
−20
−40
−60

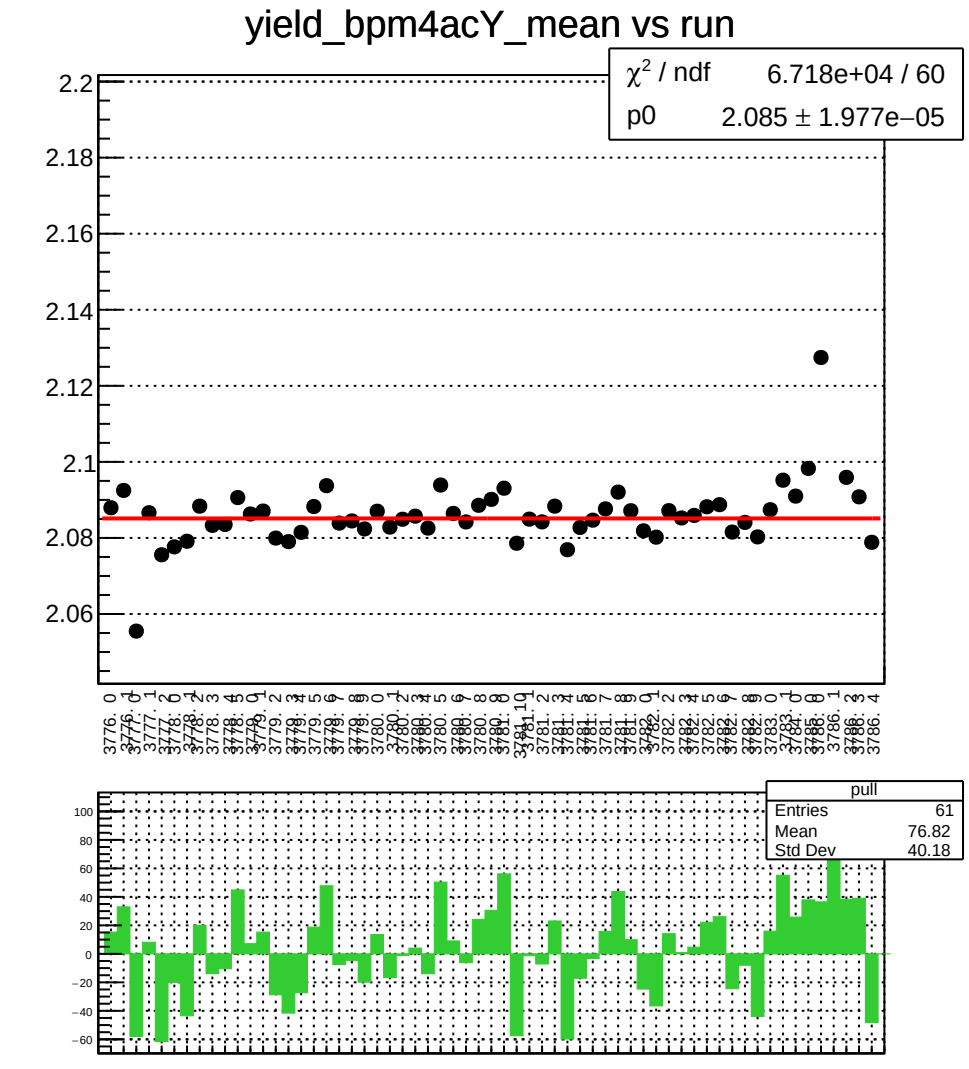

pull1D
Entries 61
Mean −0.1331
Std Dev 4.396
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

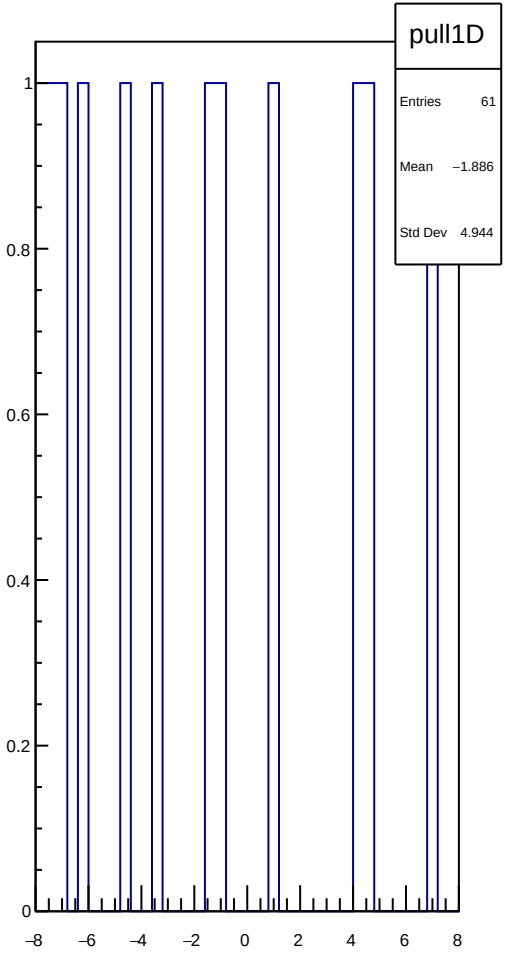

yield_bpm4eY_rms vs run
χ² / ndf 1.113e+05 / 60
p0 0.009672 ± 9.208e−06
0.06
0.05
0.04
0.03
0.02
0.01

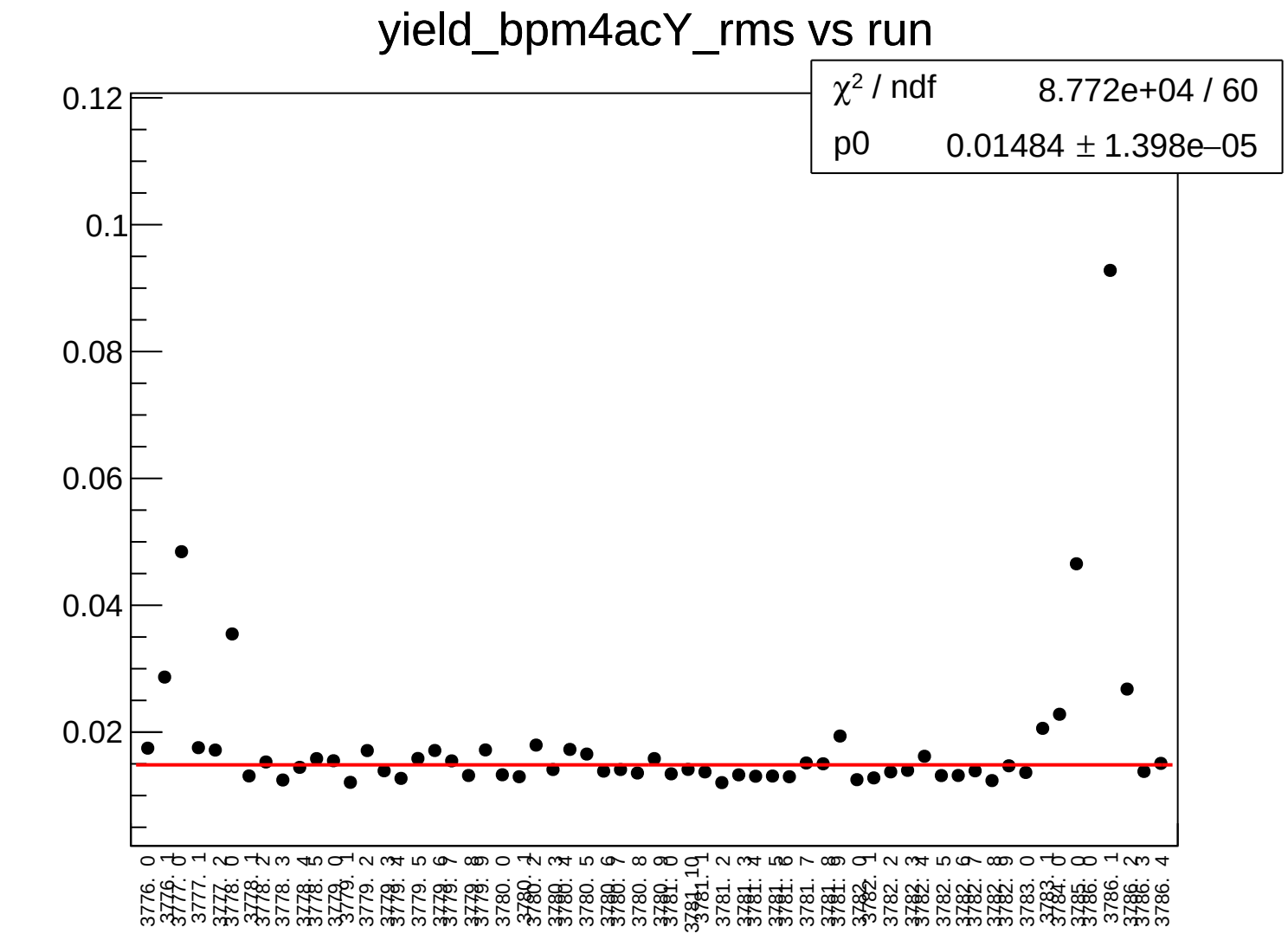

yield_bpm4acX_mean vs run
χ² / ndf 2.491e+04 / 60
p0 −0.4089 ± 9.976e−06
pull
Entries 61
Mean 165.1
Std Dev 125.8

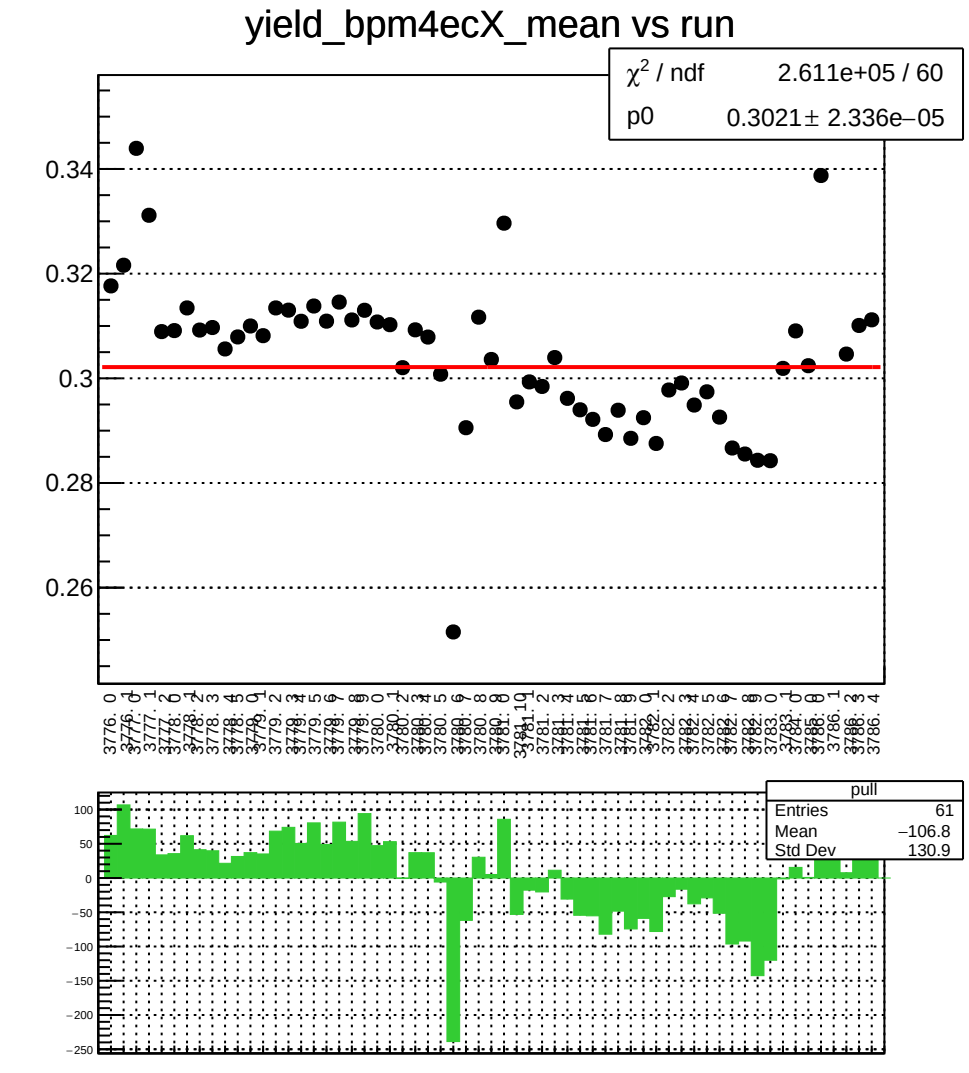

pull1D
Entries 61
Mean −1.097
Std Dev 3.647

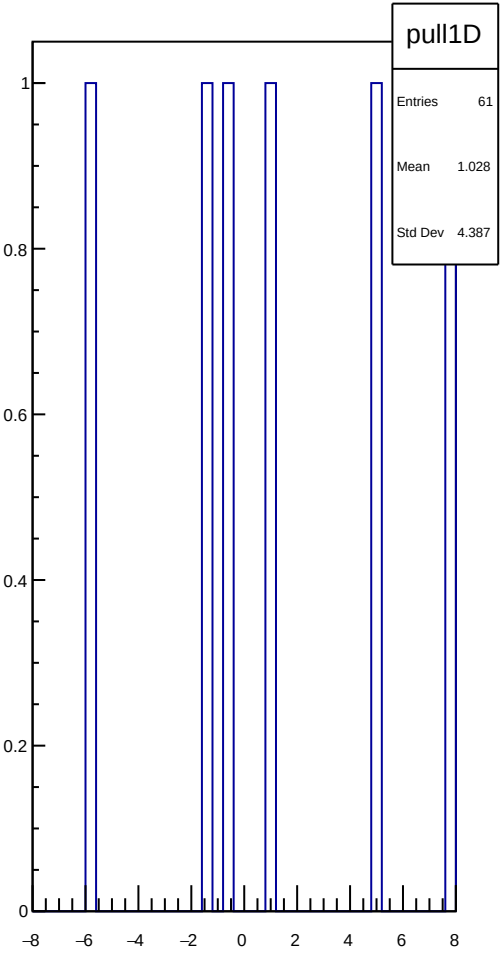

yield_bpm4acX_rms vs run
χ² / ndf 1.109e+04 / 60
p0 0.007739 ± 7.054e−06
0.012
0.011
0.01
0.009
0.008
0.007

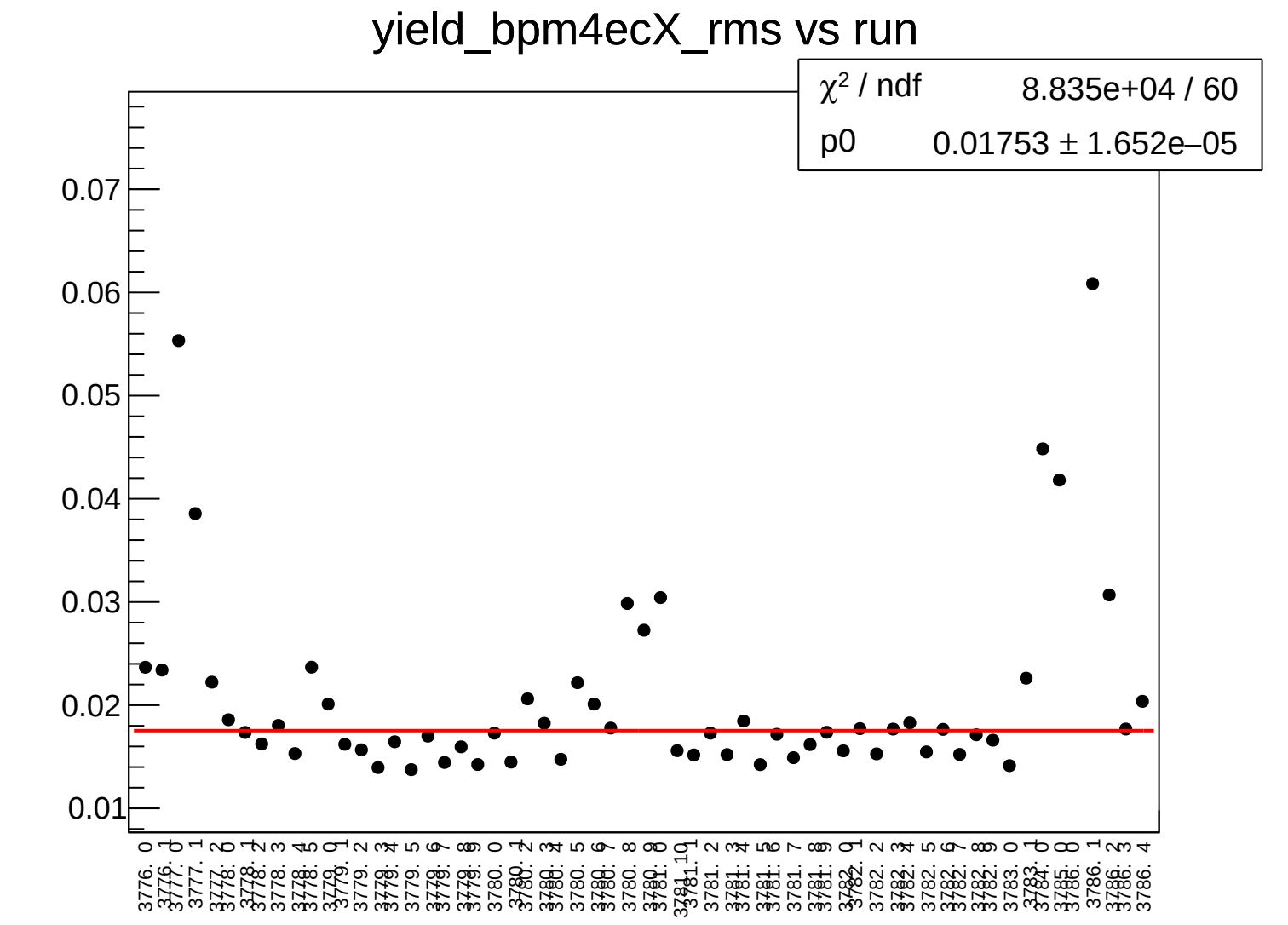

yield_bpm4acY_mean vs run
χ² / ndf 6.718e+04 / 60
p0 2.085 ± 1.977e−05
pull
Entries 61
Mean 76.82
Std Dev 40.18

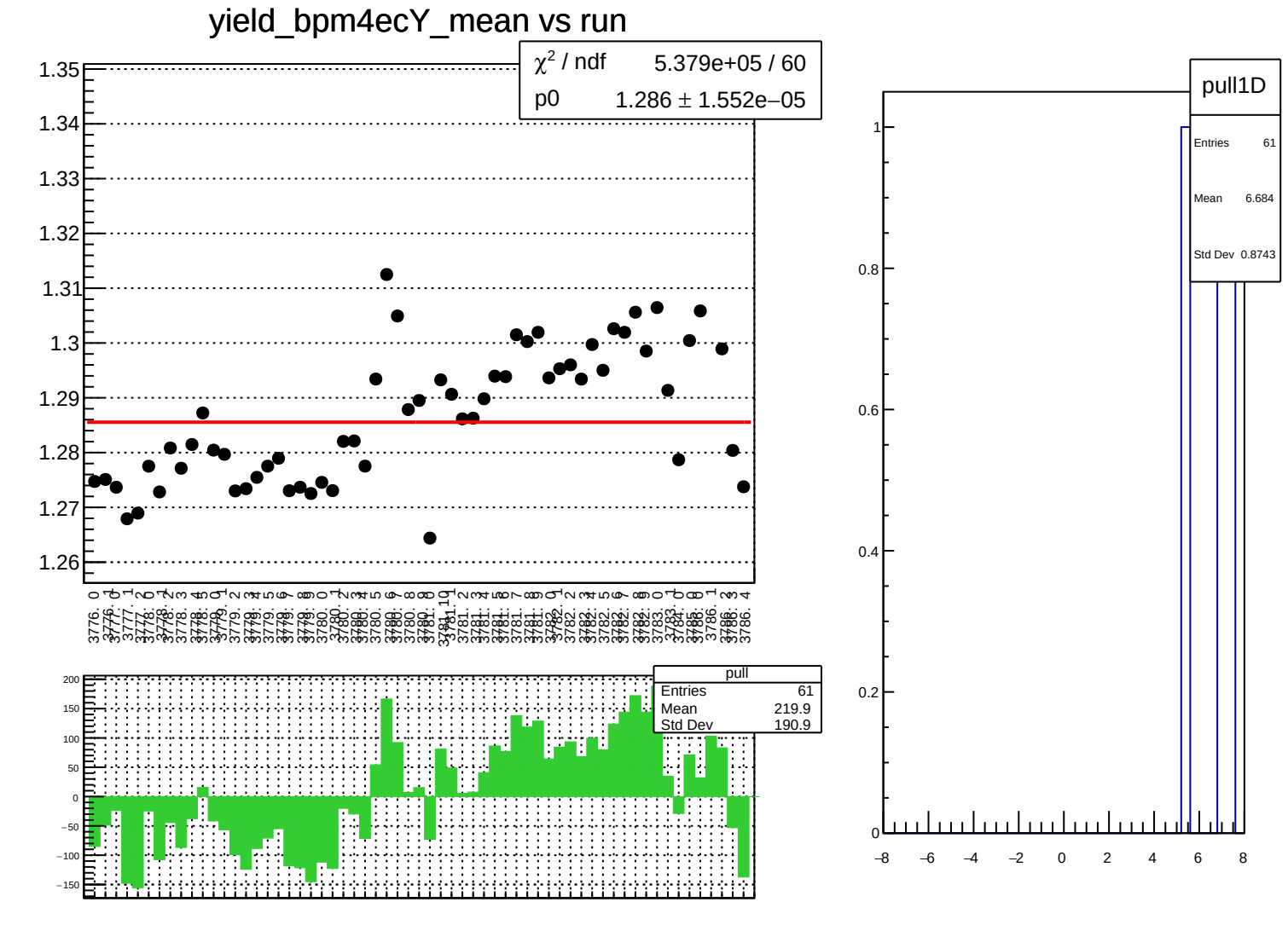

pull1D
Entries 61
Mean −1.886
Std Dev 4.944

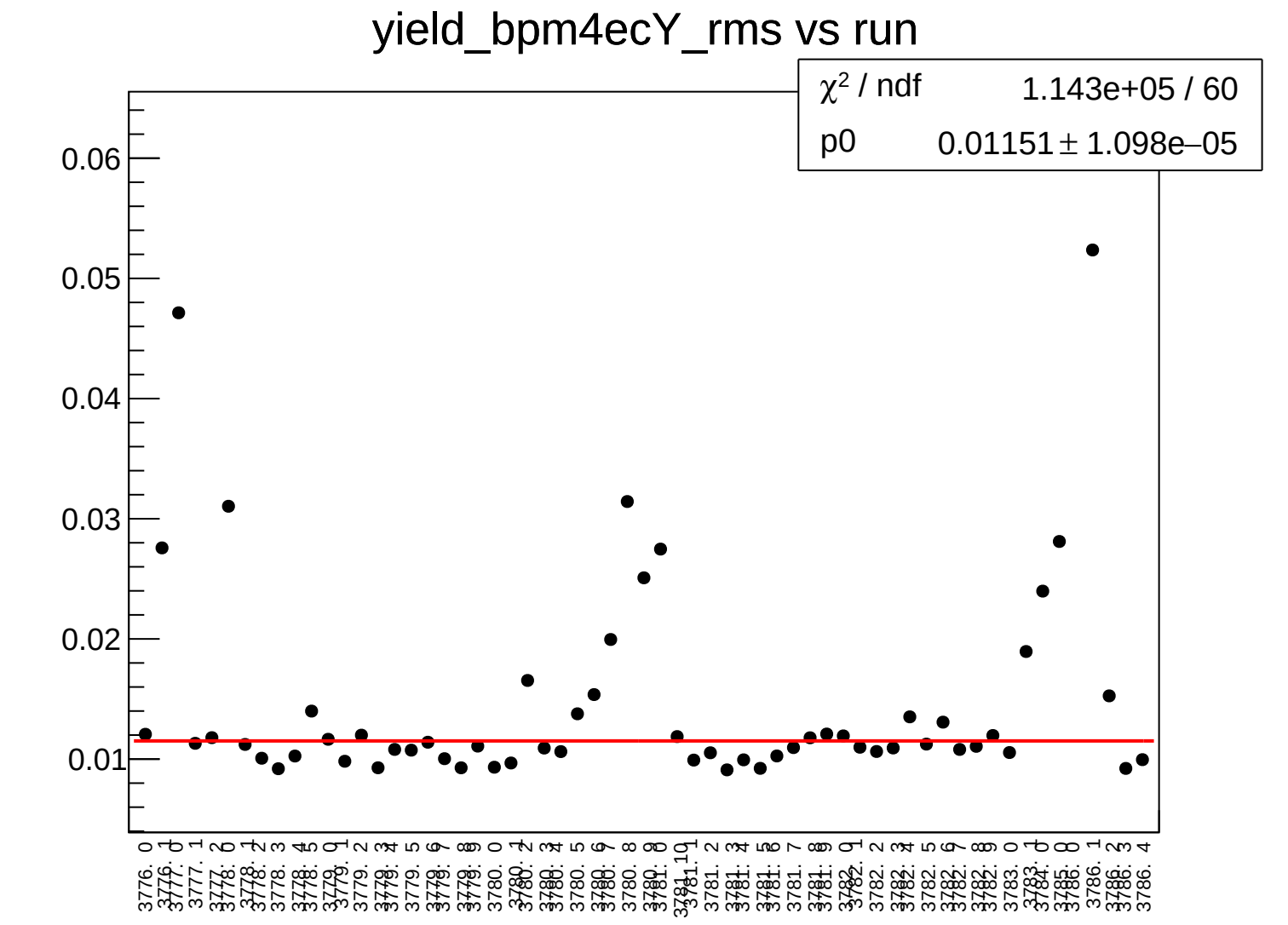

yield_bpm4acY_rms vs run
χ² / ndf 8.772e+04 / 60
p0 0.01484 ± 1.398e–05
0.12
0.1
0.08
0.06
0.04
0.02

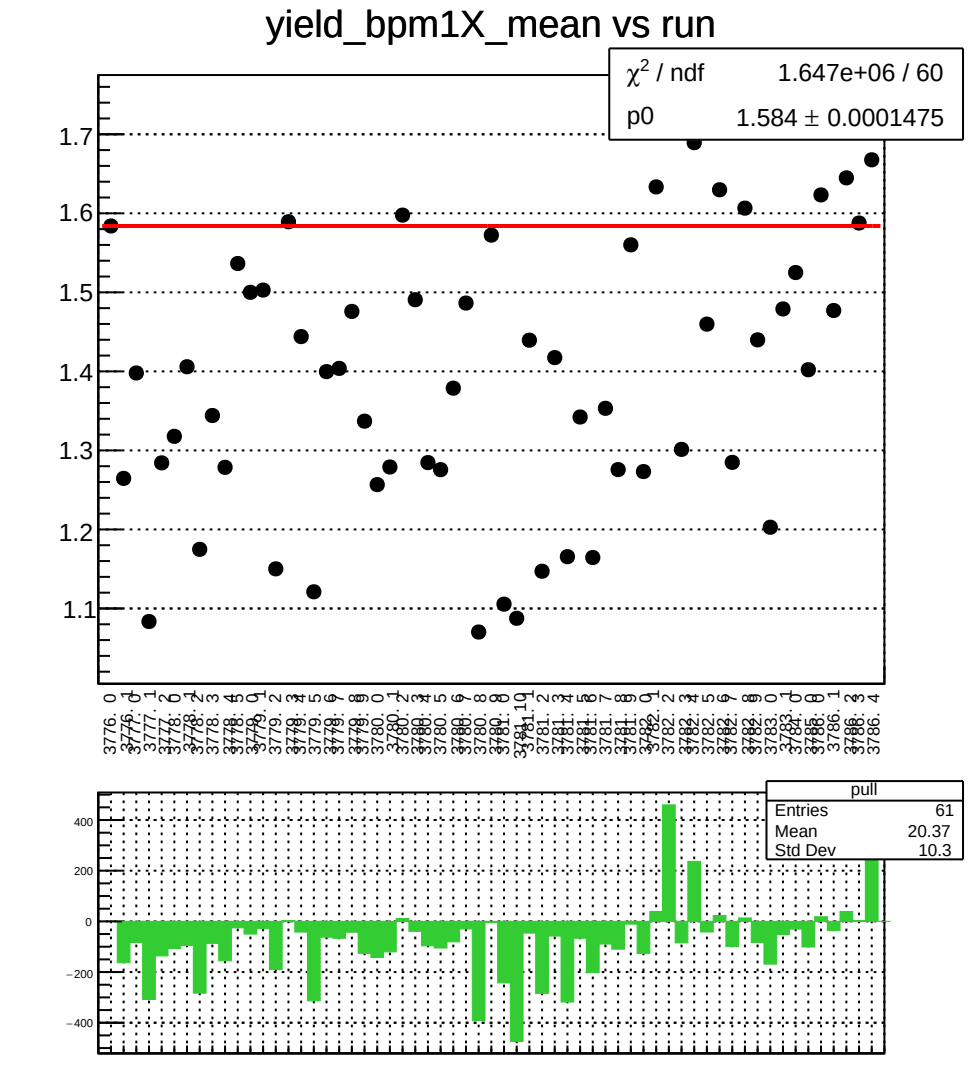

yield_bpm4ecX_mean vs run
χ² / ndf 2.611e+05 / 60
p0 0.3021 ± 2.336e−05
0.34
0.32
0.3
0.28
0.26
pull
Entries 61
Mean −106.8
Std Dev 130.9
100
50
0
−50
−100
−150
−200
−250

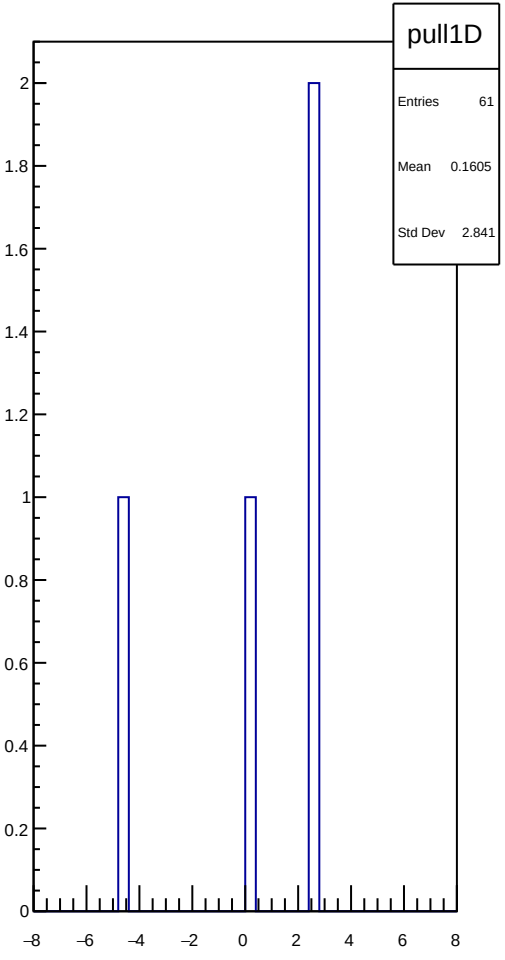

pull1D
Entries 61
Mean 1.028
Std Dev 4.387
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

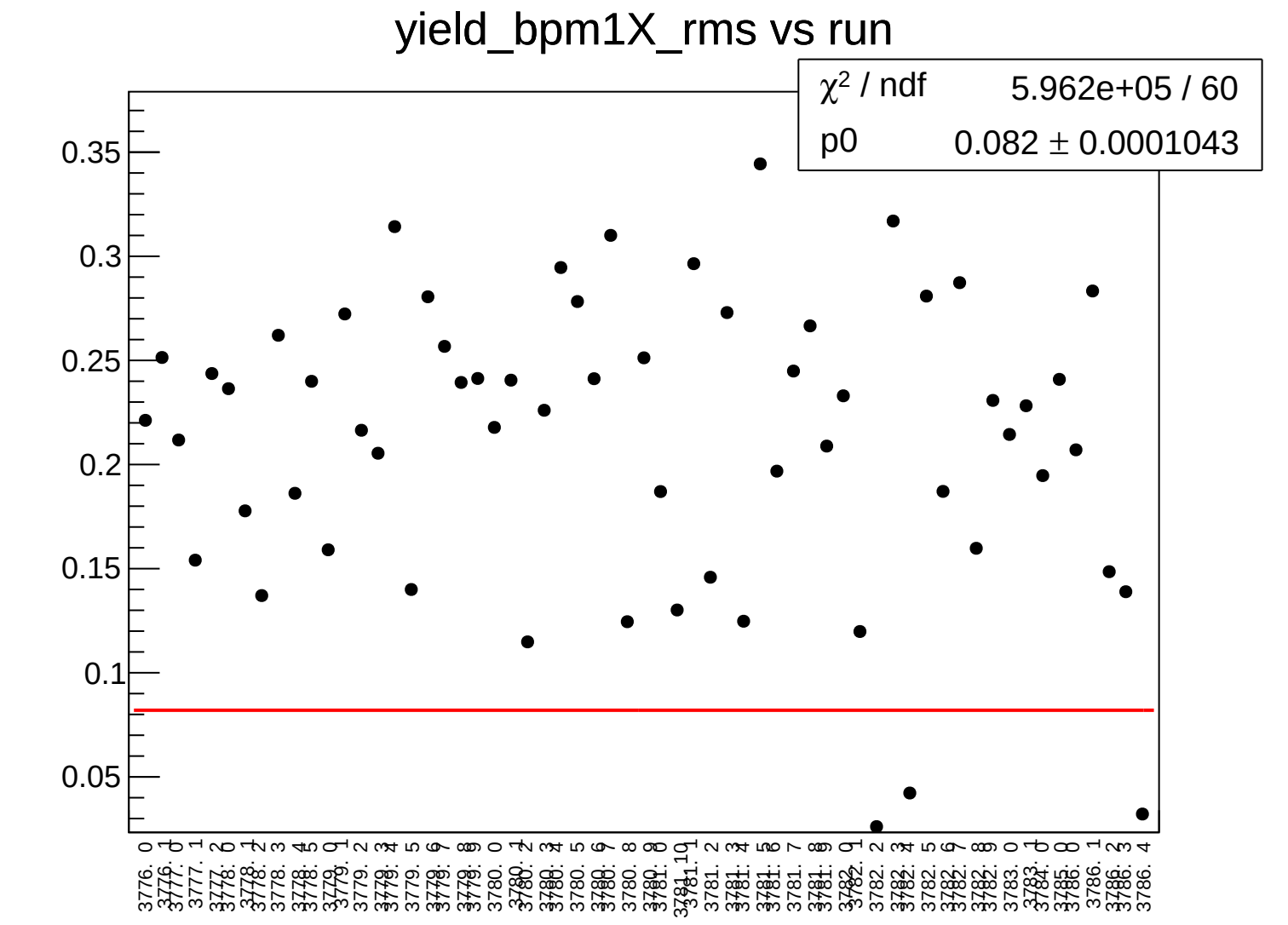

yield_bpm4ecX_rms vs run
χ² / ndf 8.835e+04 / 60
p0 0.01753 ± 1.652e–05
0.07
0.06
0.05
0.04
0.03
0.02
0.01

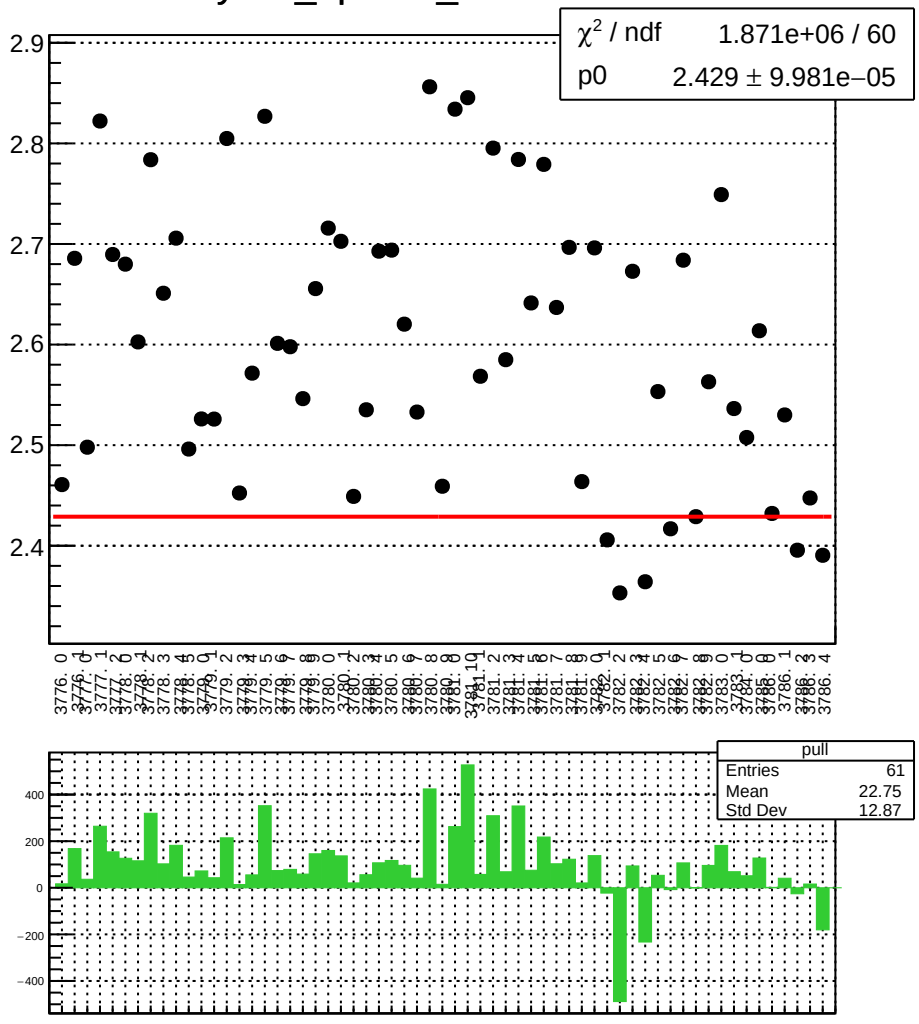

yield_bpm4ecY_mean vs run
χ² / ndf 5.379e+05 / 60
p0 1.286 ± 1.552e−05
pull
Entries 61
Mean 219.9
Std Dev 190.9
pull1D
Entries 61
Mean 6.684
Std Dev 0.8743

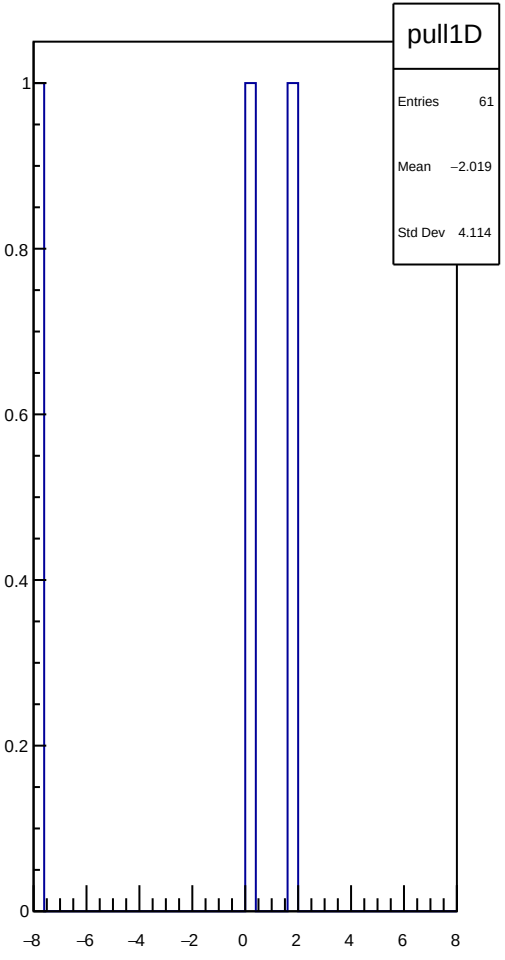

yield_bpm4ecY_rms vs run
χ² / ndf 1.143e+05 / 60
p0 0.01151 ± 1.098e–05
0.06
0.05
0.04
0.03
0.02
0.01

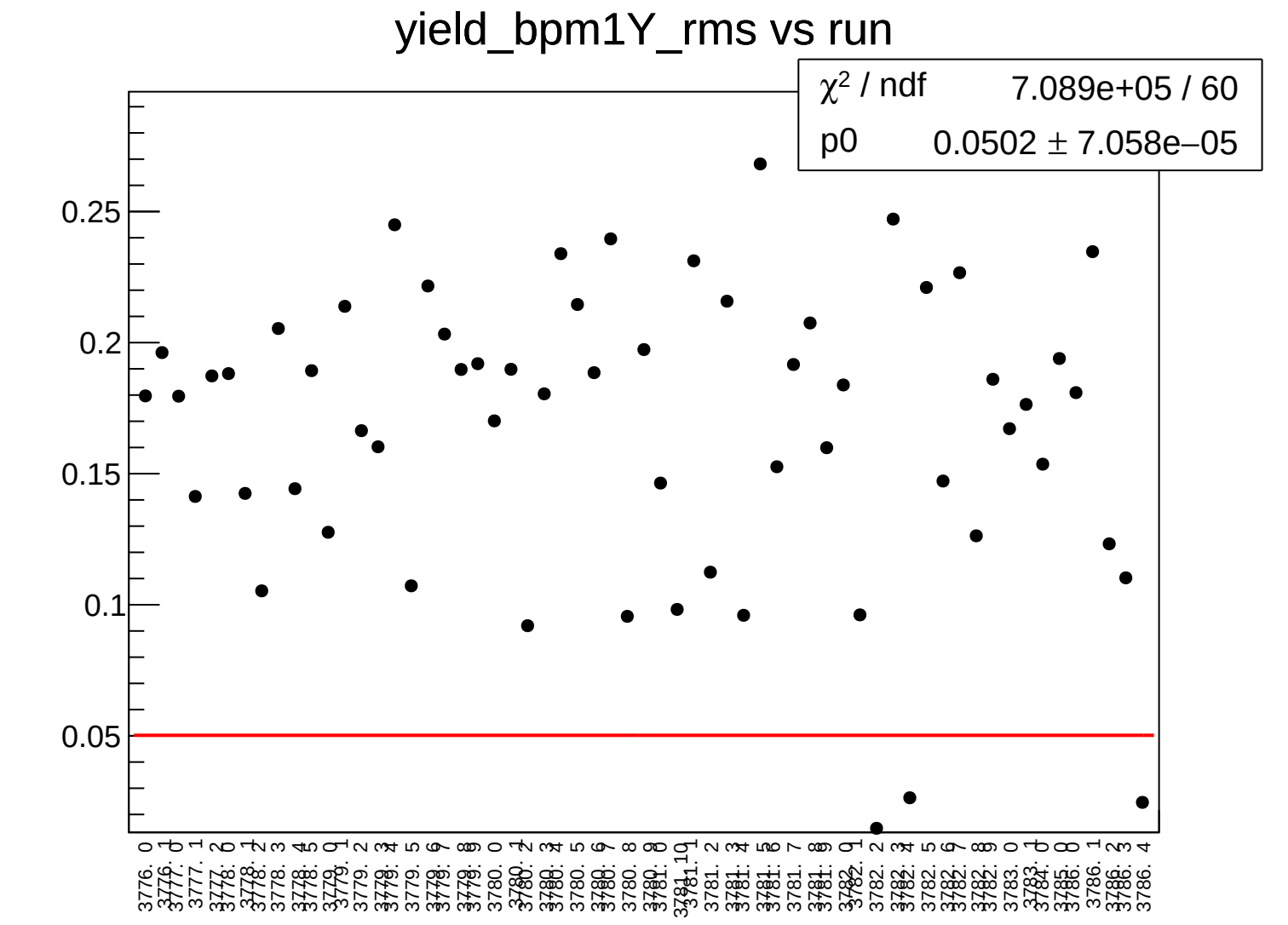

yield_bpm1X_mean vs run
χ² / ndf 1.647e+06 / 60
p0 1.584 ± 0.0001475
pull
Entries 61
Mean 20.37
Std Dev 10.3

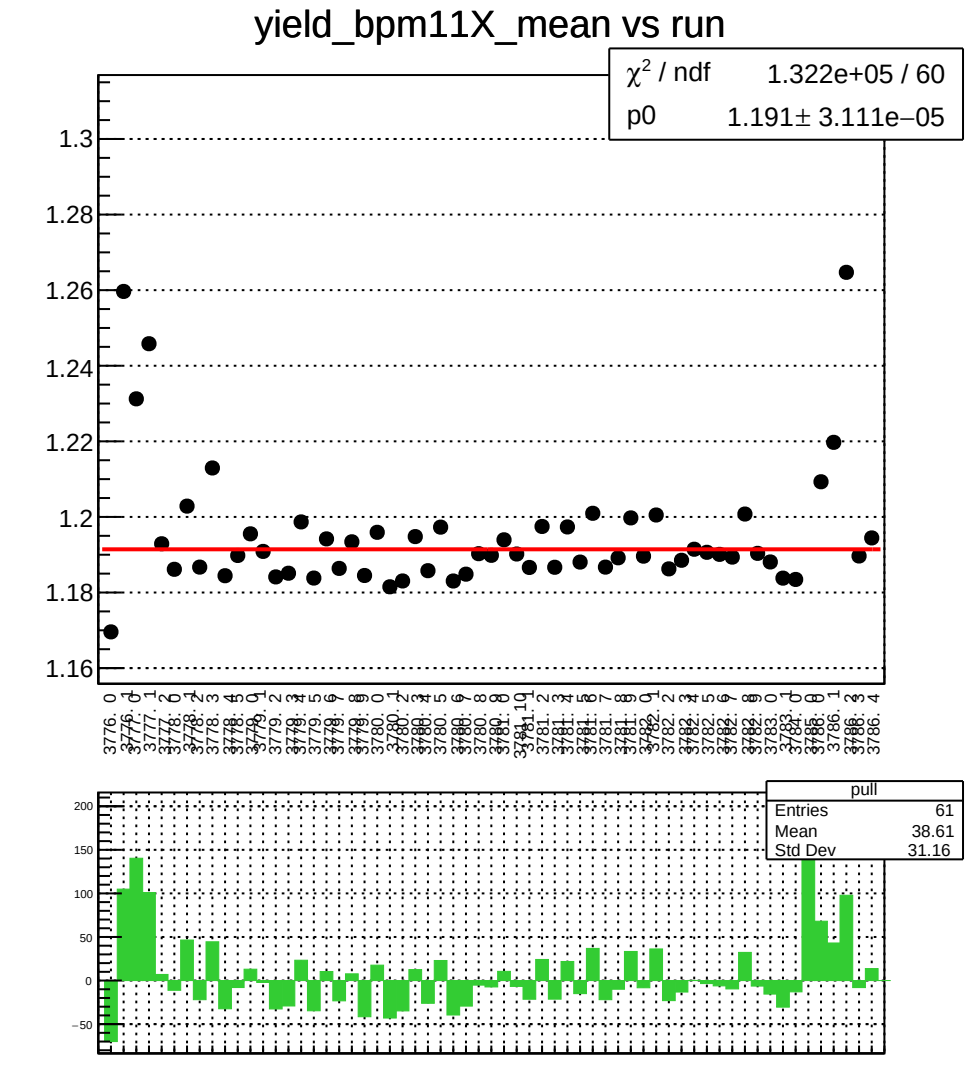

pull1D
Entries 61
Mean 0.1605
Std Dev 2.841

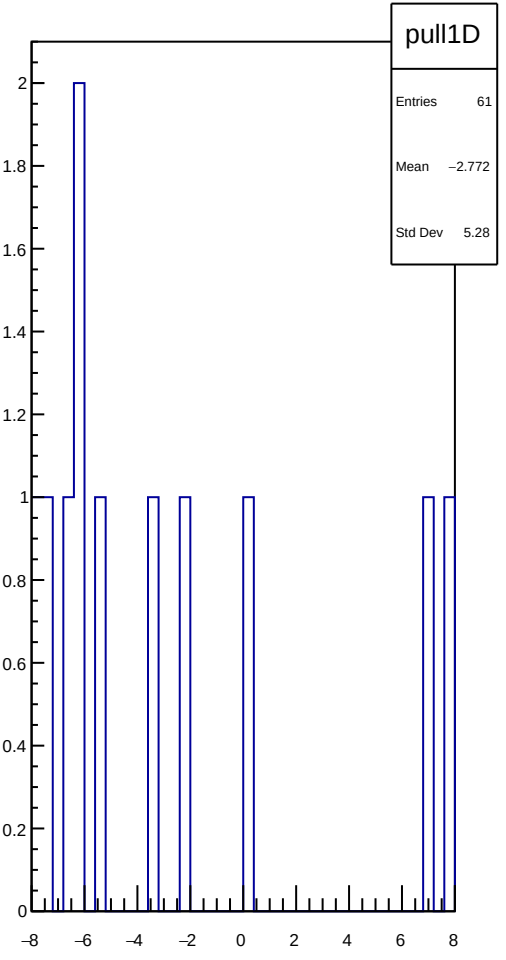

yield_bpm1X_rms vs run
χ² / ndf 5.962e+05 / 60
p0 0.082 ± 0.0001043
0.35
0.3
0.25
0.2
0.15
0.1
0.05

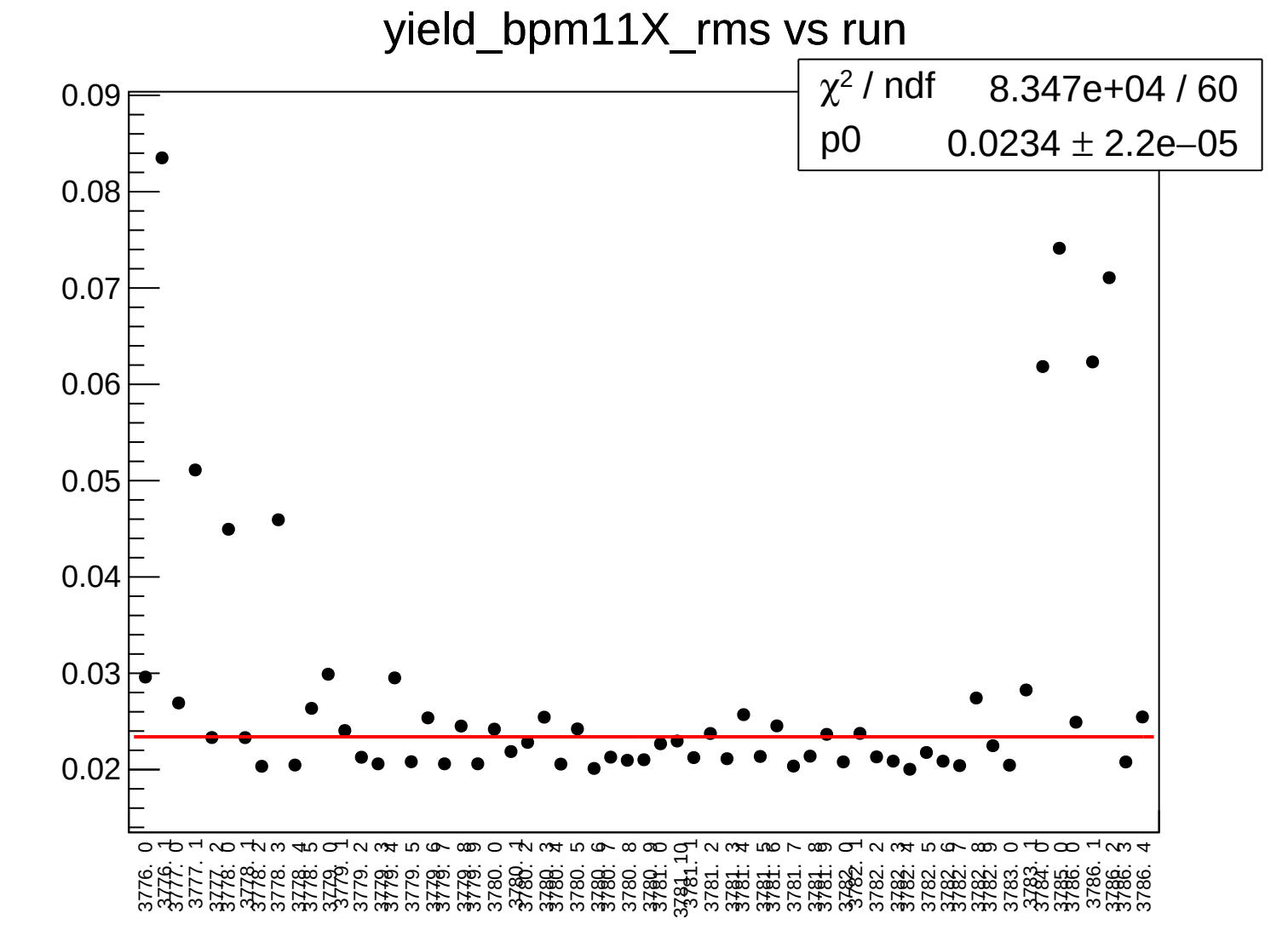

yield_bpm1Y_mean vs run
χ² / ndf 1.871e+06 / 60
p0 2.429 ± 9.981e−05
pull
Entries 61
Mean 22.75
Std Dev 12.87

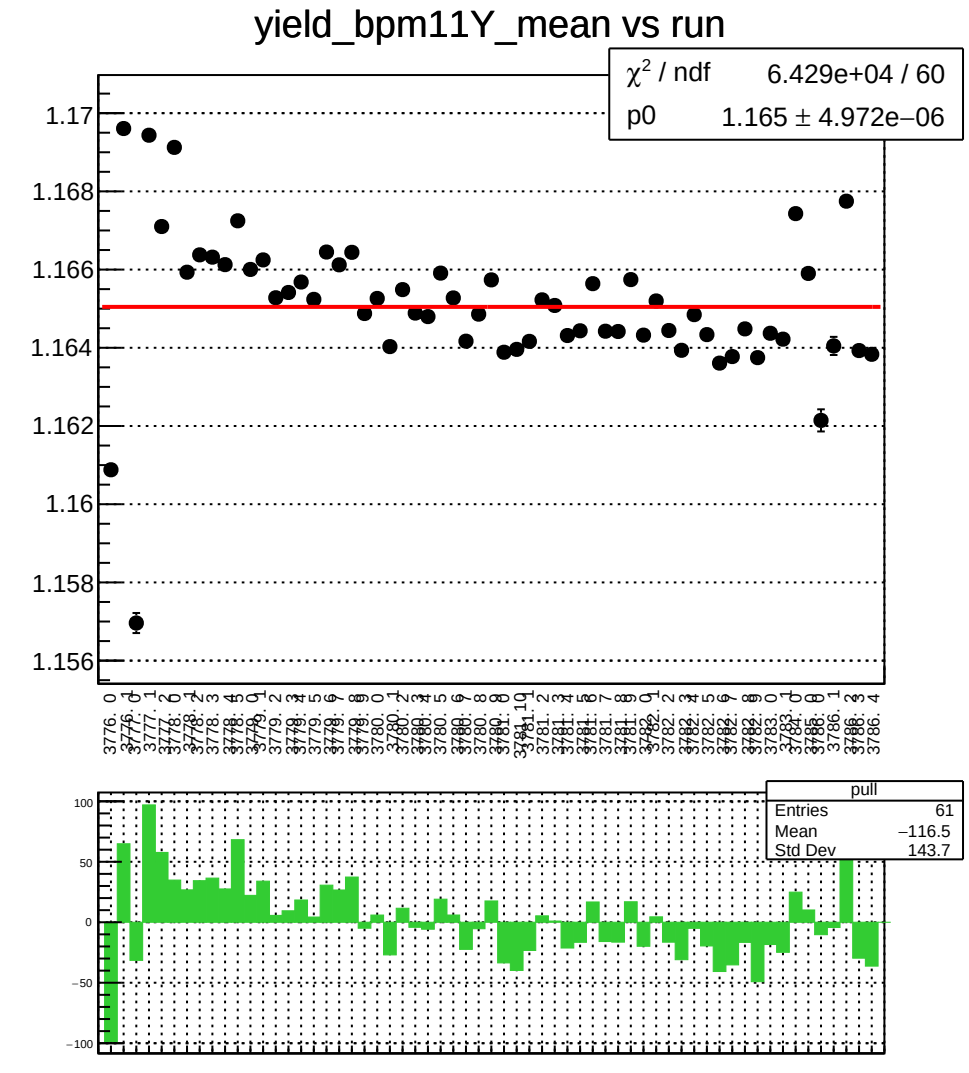

pull1D
Entries 61
Mean −2.019
Std Dev 4.114

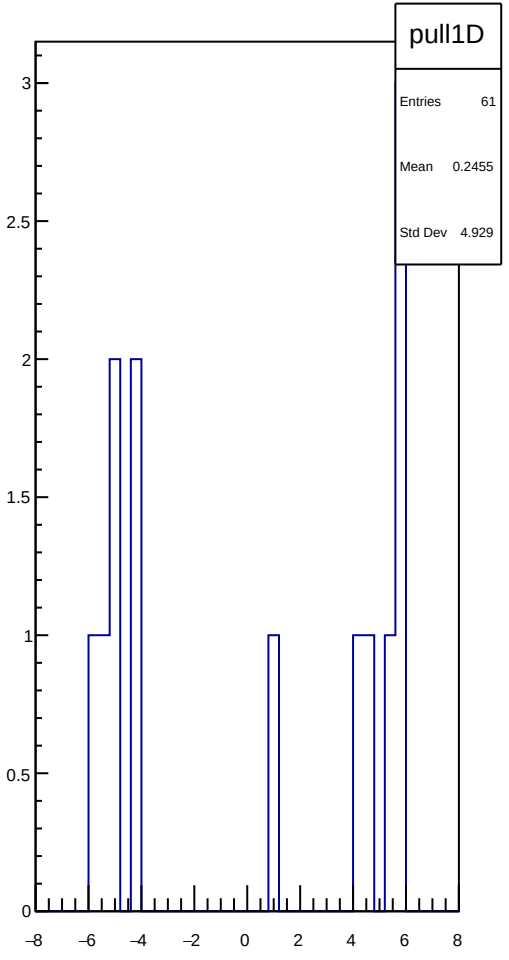

yield_bpm1Y_rms vs run
χ² / ndf 7.089e+05 / 60
p0 0.0502 ± 7.058e−05
0.25
0.2
0.15
0.1
0.05
3776. 0
3776. 1
3776. 6
3777. 1
3777. 2
3778. 0
3778. 1
3778. 2
3778. 3
3778. 4
3778. 5
3779. 0
3779. 1
3779. 2
3779. 3
3779. 4
3779. 5
3779. 6
3779. 7
3779. 8
3779. 9
3780. 0
3780. 2
3780. 3
3780. 4
3780. 5
3780. 6
3780. 7
3780. 8
3780. 9
3781. 0
3781. 1
3781. 2
3781. 3
3781. 4
3781. 5
3781. 6
3781. 7
3781. 8
3781. 9
3782. 1
3782. 2
3782. 3
3782. 4
3782. 5
3782. 6
3782. 7
3782. 8
3782. 9
3783. 0
3783. 1
3784. 0
3785. 0
3786. 1
3786. 2
3786. 3
3786. 4

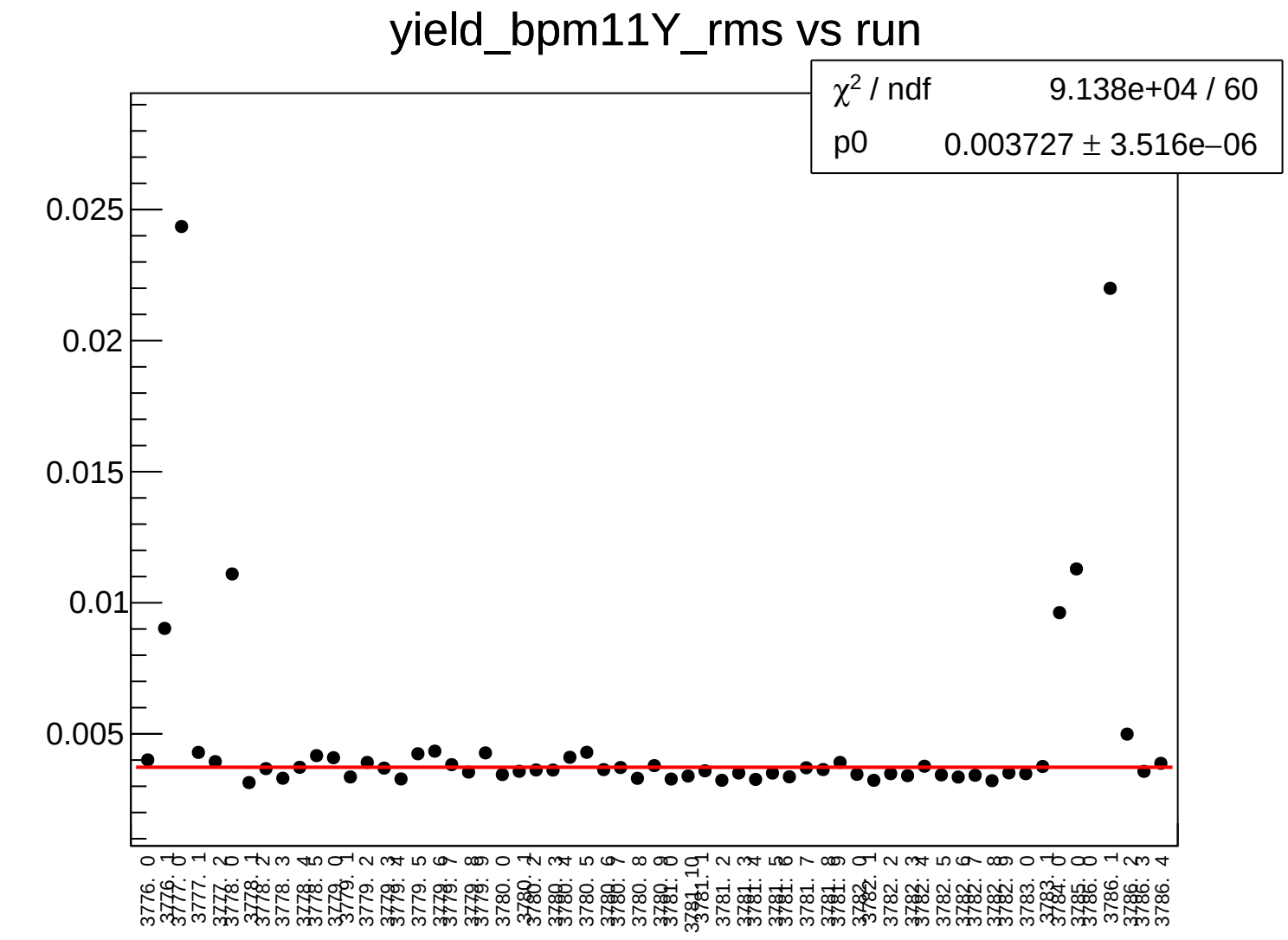

yield_bpm11X_mean vs run
χ² / ndf 1.322e+05 / 60
p0 1.191± 3.111e−05
pull
Entries 61
Mean 38.61
Std Dev 31.16

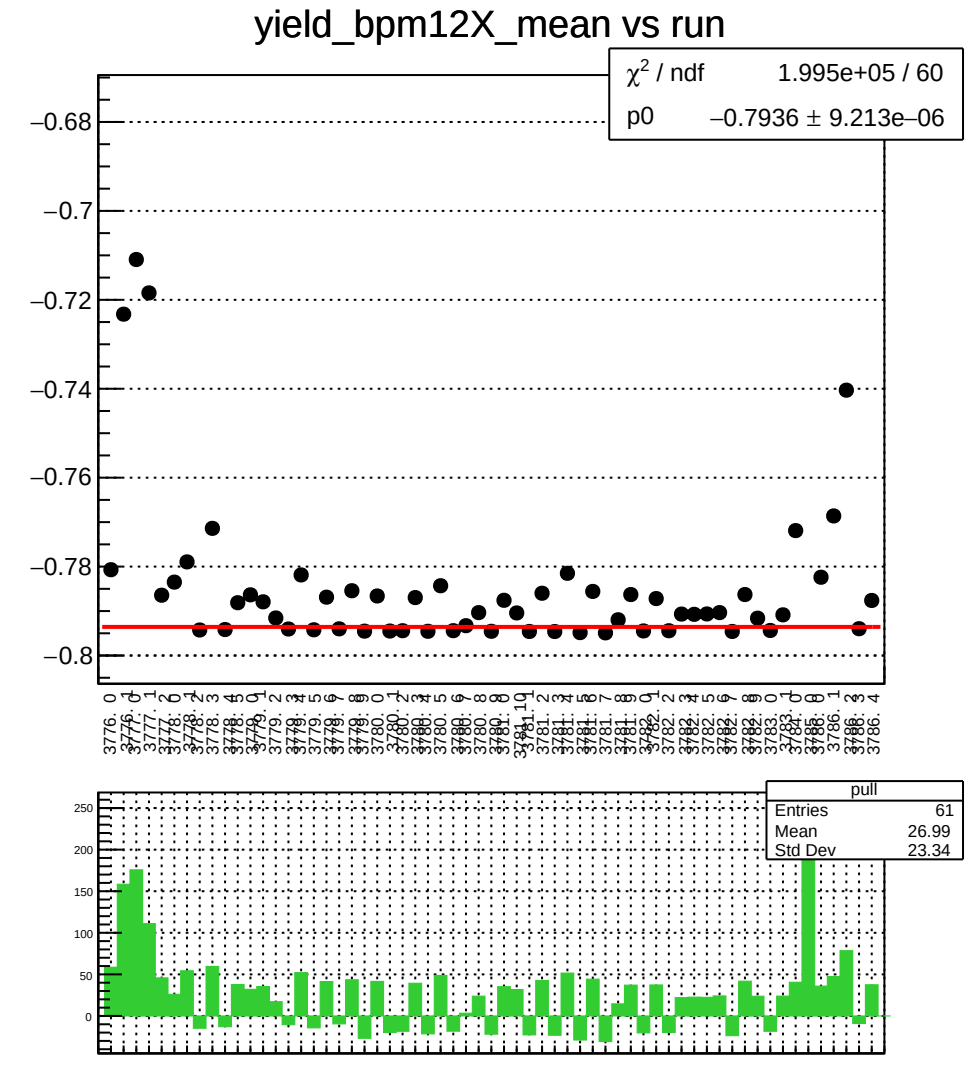

pull1D
Entries 61
Mean −2.772
Std Dev 5.28

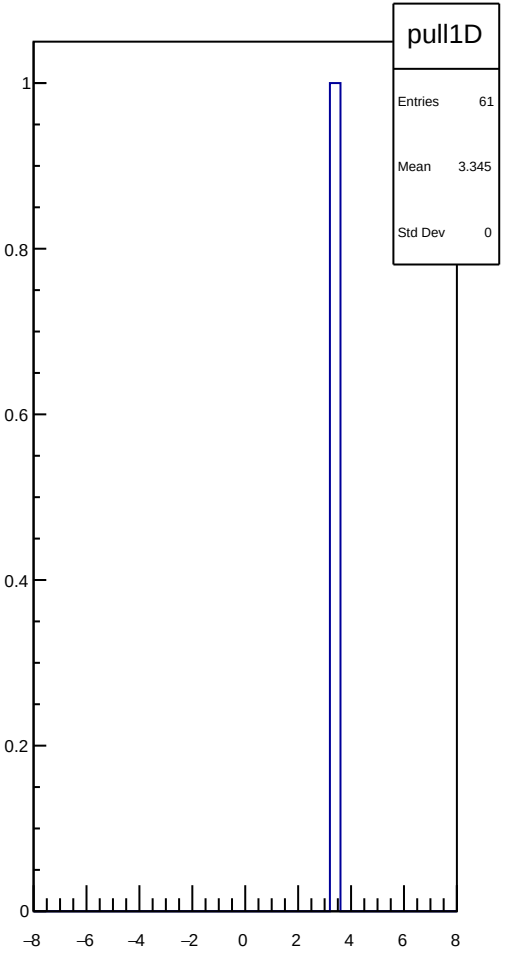

yield_bpm11X_rms vs run
χ² / ndf 8.347e+04 / 60
p0 0.0234 ± 2.2e−05
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02

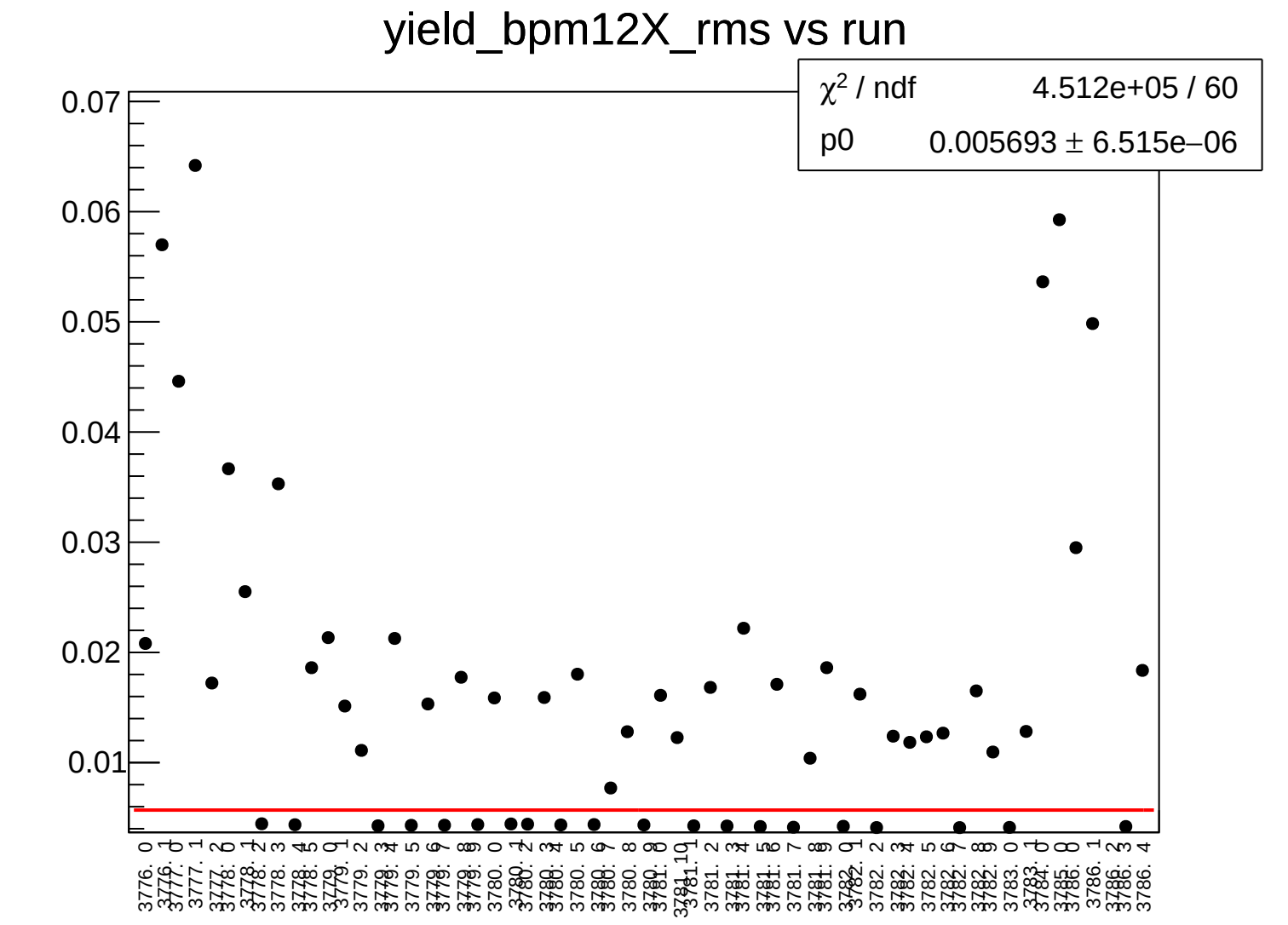

yield_bpm11Y_mean vs run
χ² / ndf 6.429e+04 / 60
p0 1.165 ± 4.972e−06
1.17
1.168
1.166
1.164
1.162
1.16
1.158
1.156
pull
Entries 61
Mean −116.5
Std Dev 143.7
100
50
0
−50
−100

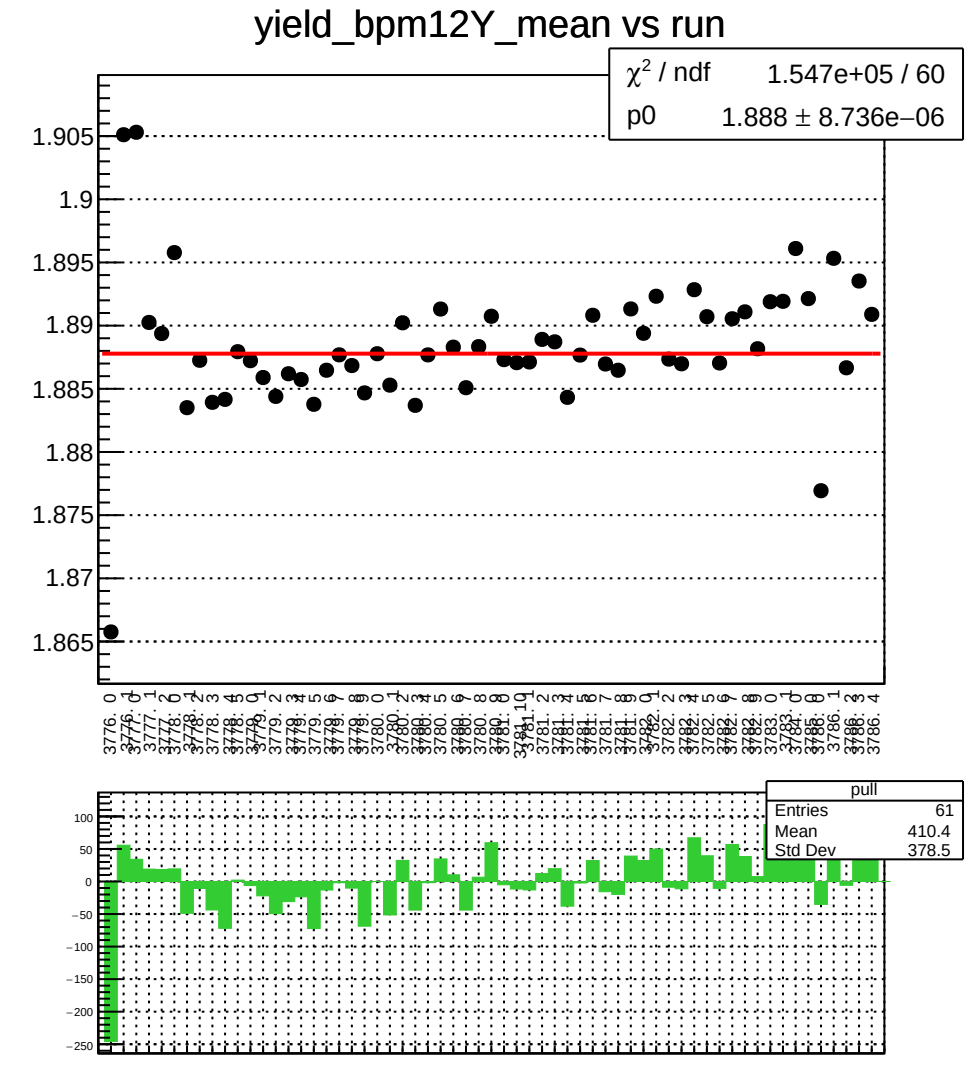

pull1D
Entries 61
Mean 0.2455
Std Dev 4.929
3
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

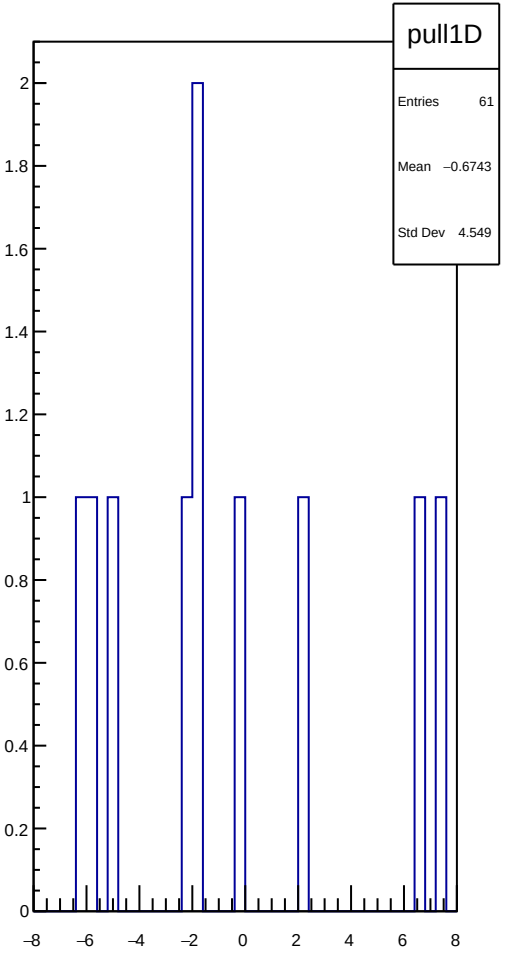

yield_bpm11Y_rms vs run
χ² / ndf 9.138e+04 / 60
p0 0.003727 ± 3.516e−06
0.025
0.02
0.015
0.01
0.005

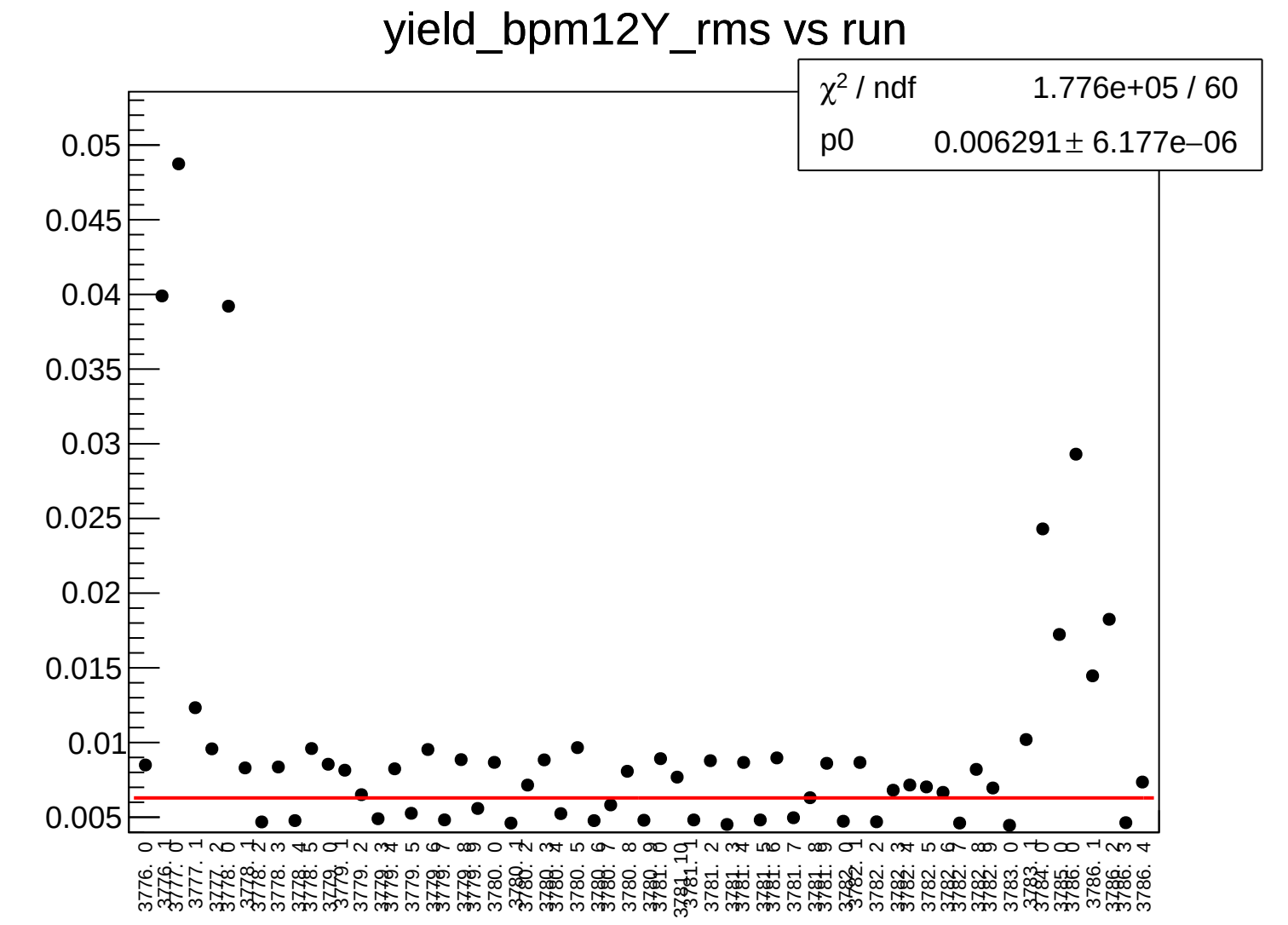

yield_bpm12X_mean vs run
χ² / ndf 1.995e+05 / 60
p0 −0.7936 ± 9.213e−06
−0.68
−0.7
−0.72
−0.74
−0.76
−0.78
−0.8
pull
Entries 61
Mean 26.99
Std Dev 23.34
250
200
150
100
50
0

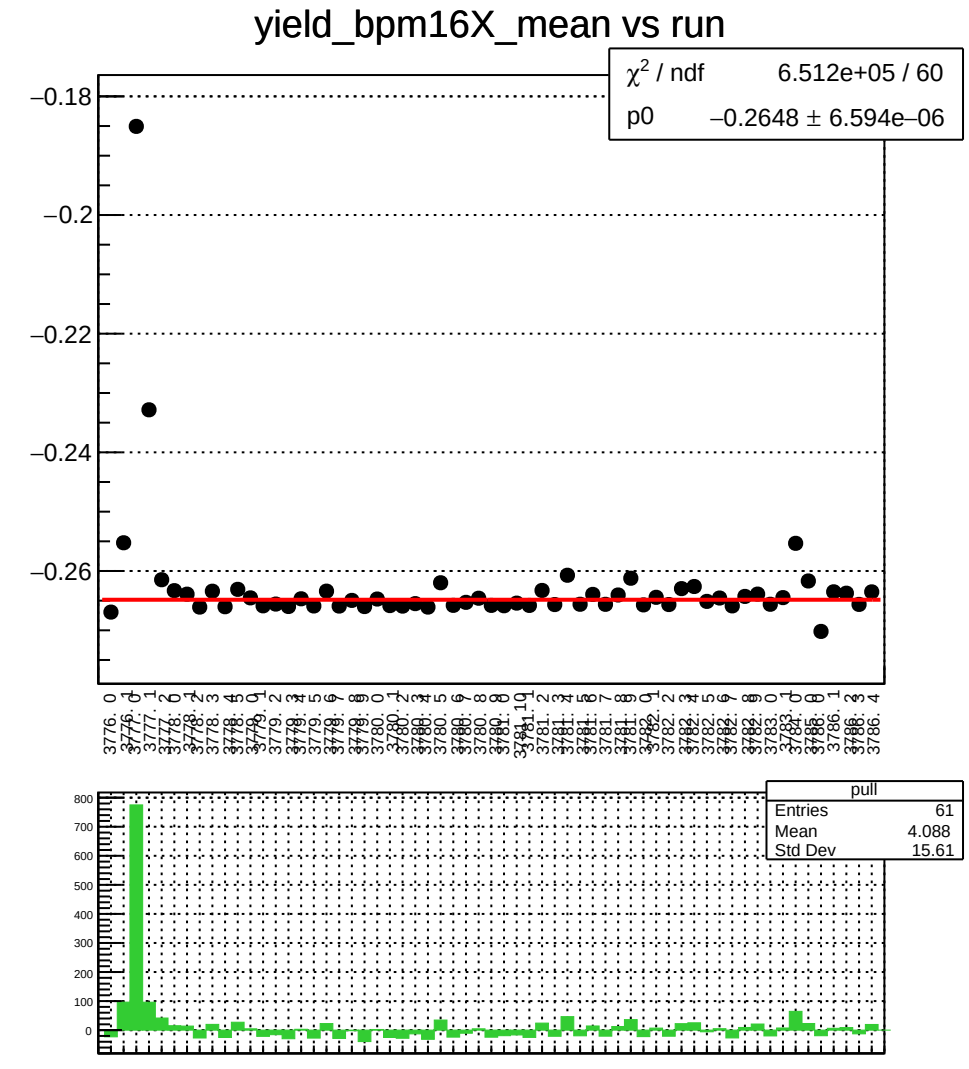

pull1D
Entries 61
Mean 3.345
Std Dev 0
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

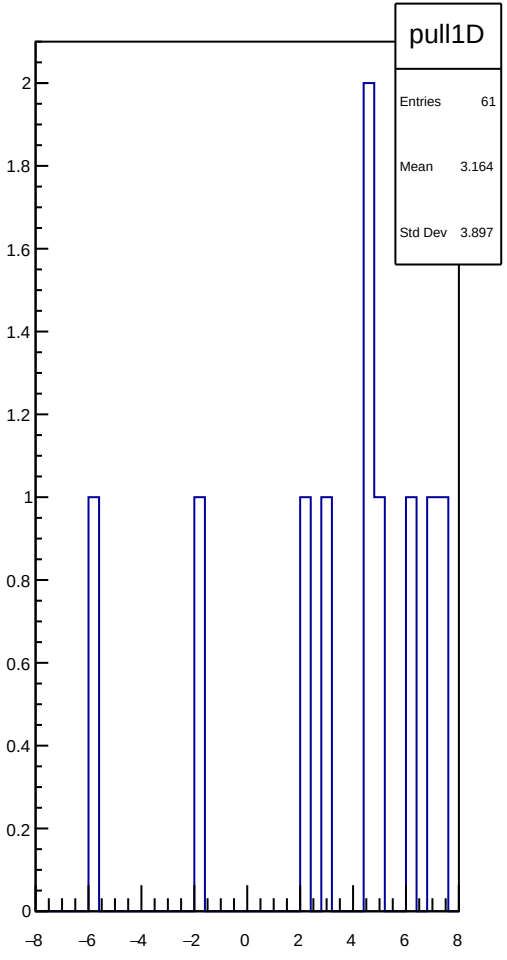

yield_bpm12X_rms vs run
χ² / ndf 4.512e+05 / 60
p0 0.005693 ± 6.515e−06
0.07
0.06
0.05
0.04
0.03
0.02
0.01

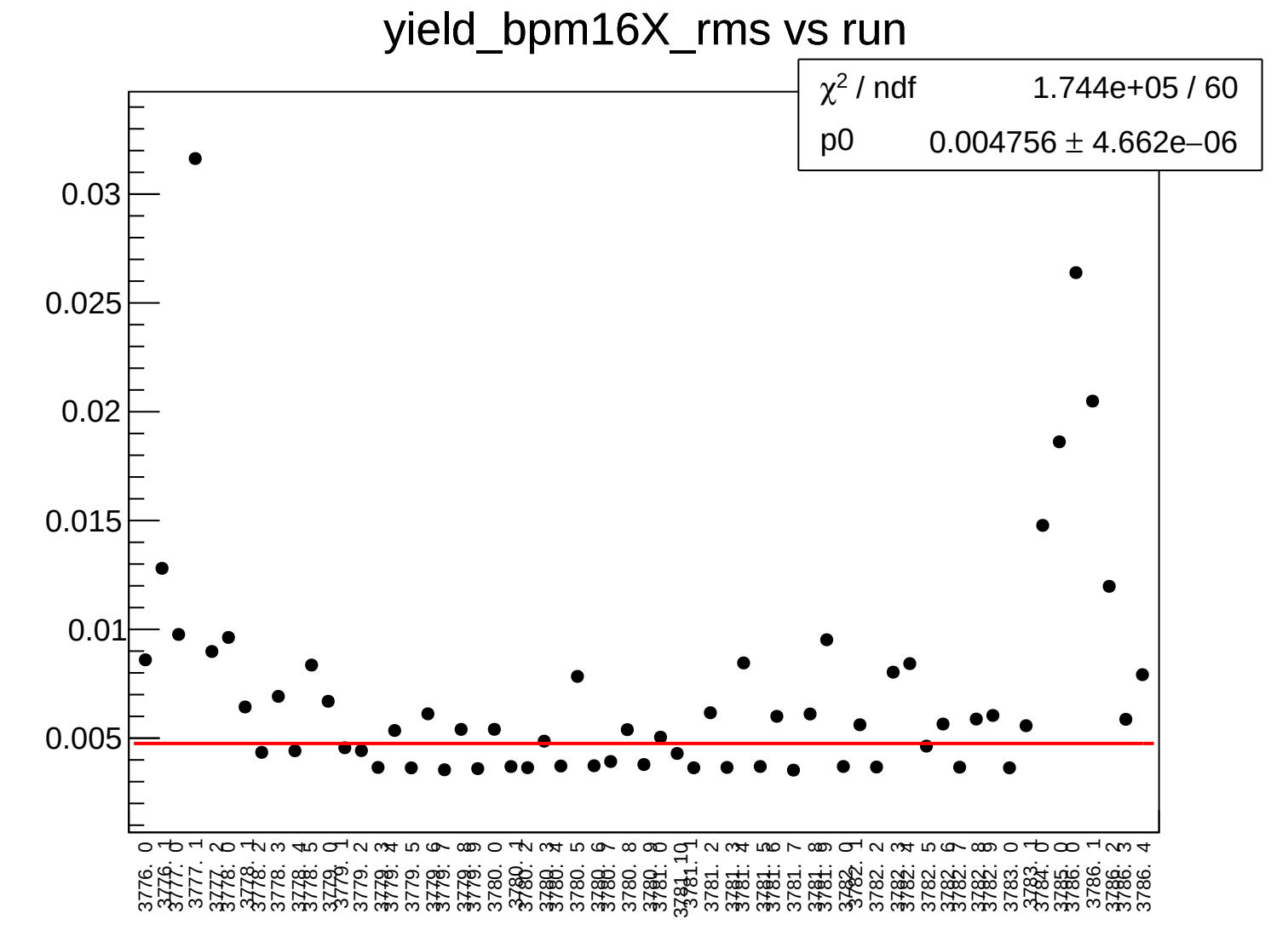

yield_bpm12Y_mean vs run
χ² / ndf 1.547e+05 / 60
p0 1.888 ± 8.736e−06
pull
Entries 61
Mean 410.4
Std Dev 378.5

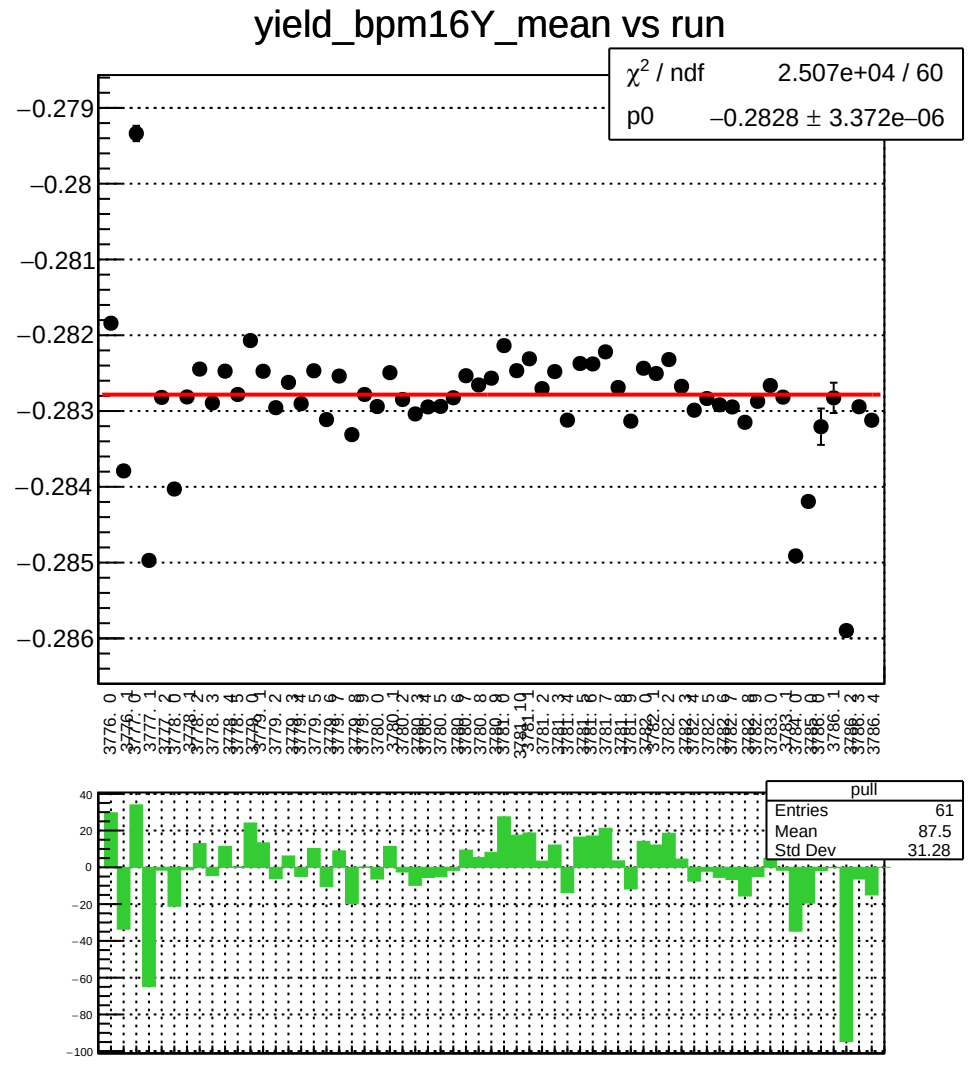

pull1D
Entries 61
Mean −0.6743
Std Dev 4.549

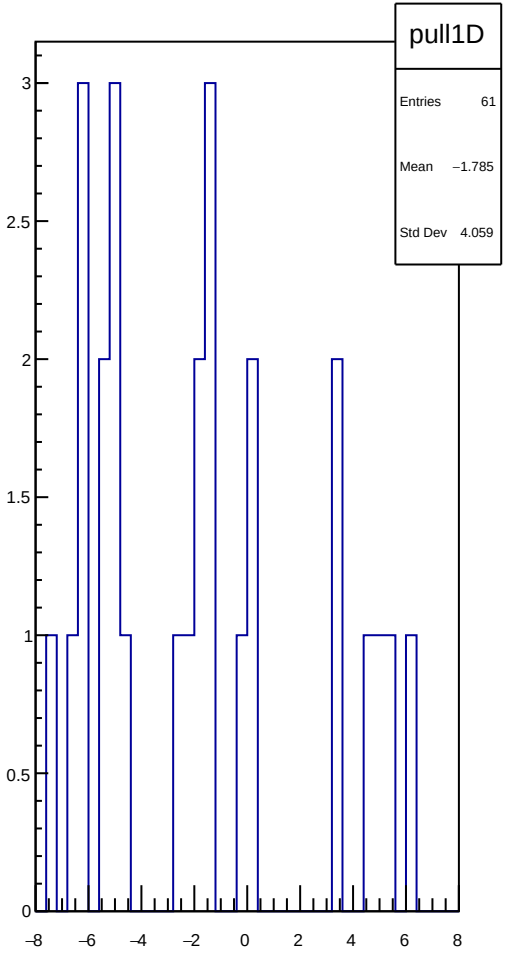

yield_bpm12Y_rms vs run
χ² / ndf 1.776e+05 / 60
p0 0.006291 ± 6.177e−06
0.05
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005

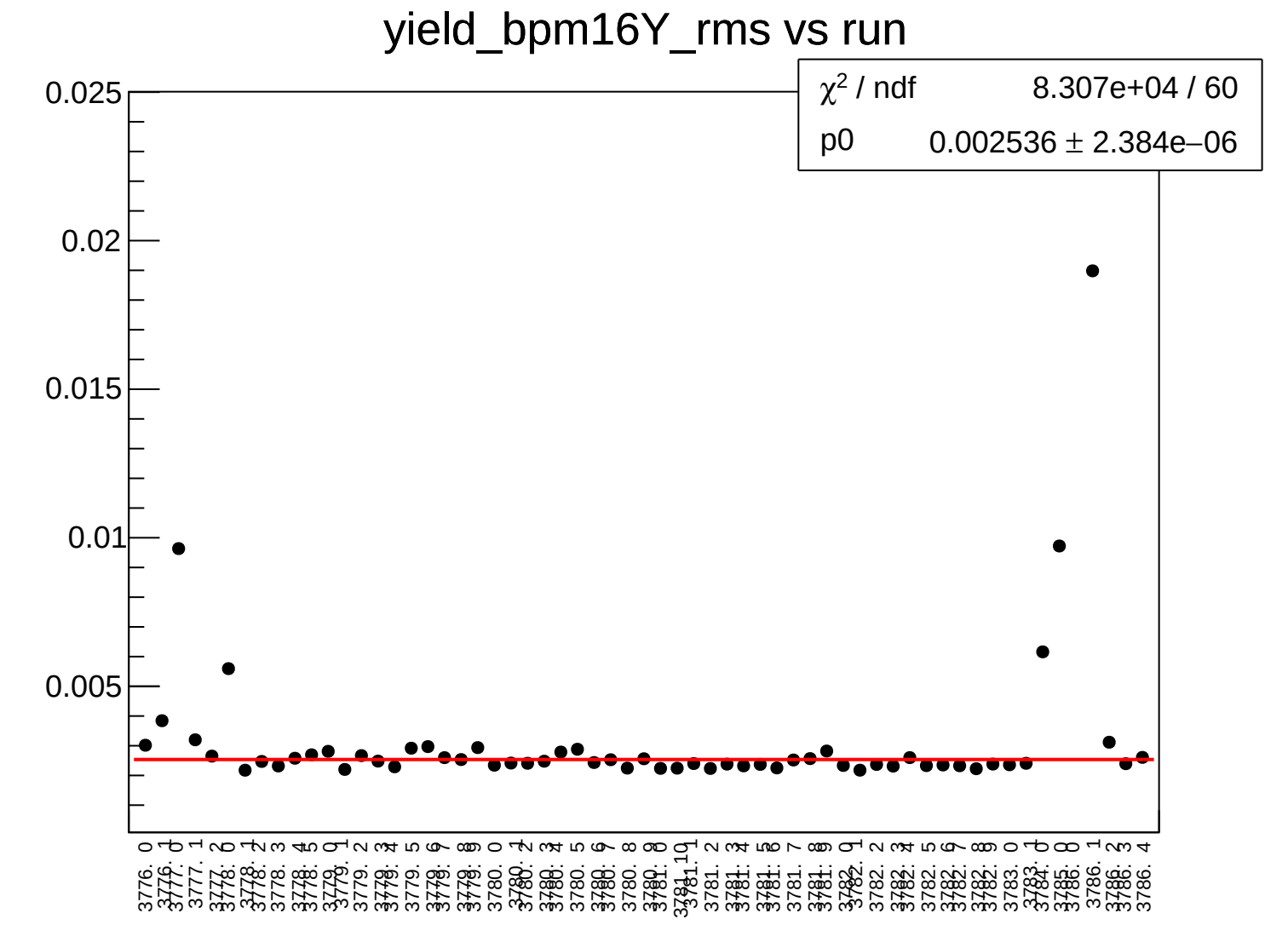

yield_bpm16X_mean vs run
χ² / ndf 6.512e+05 / 60
p0 −0.2648 ± 6.594e−06
−0.18
−0.2
−0.22
−0.24
−0.26
pull
Entries 61
Mean 4.088
Std Dev 15.61
800
700
600
500
400
300
200
100
0

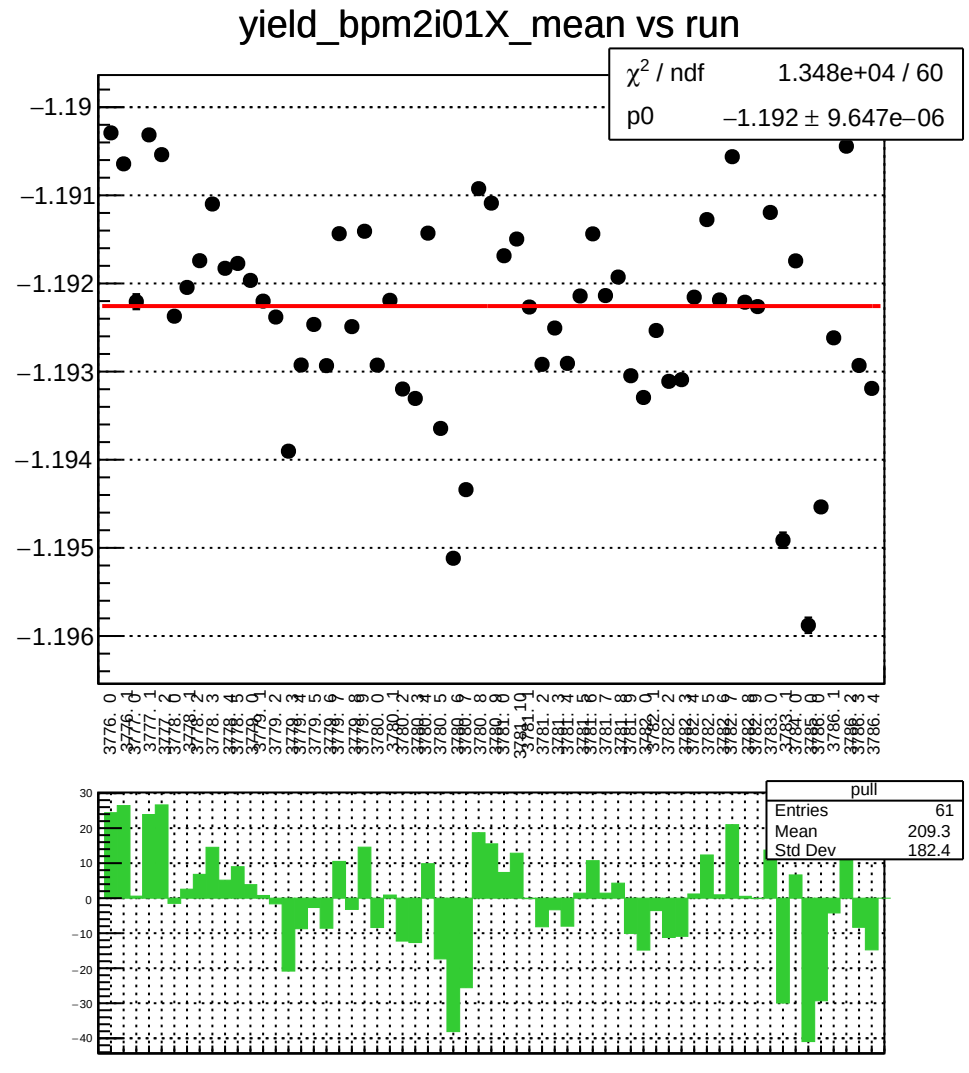

pull1D
Entries 61
Mean 3.164
Std Dev 3.897
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

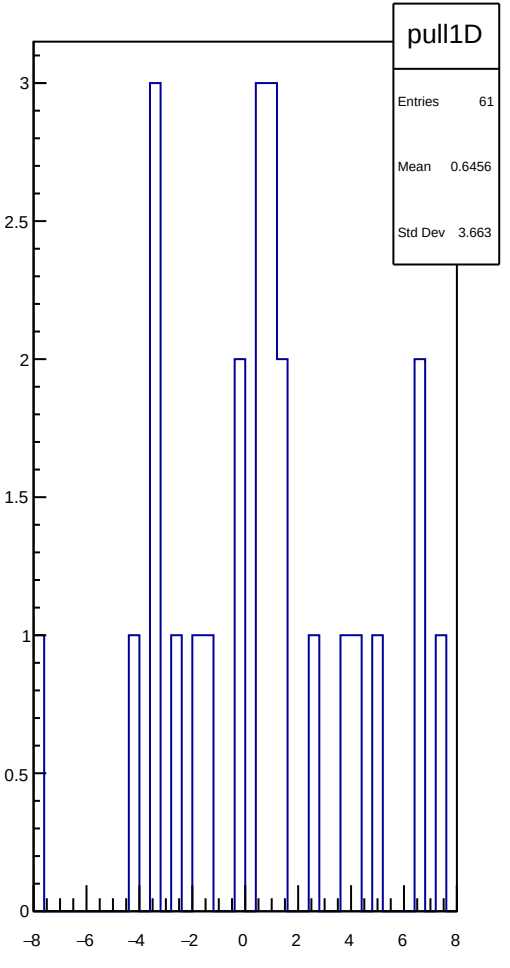

yield_bpm16X_rms vs run
χ² / ndf 1.744e+05 / 60
p0 0.004756 ± 4.662e−06
0.03
0.025
0.02
0.015
0.01
0.005

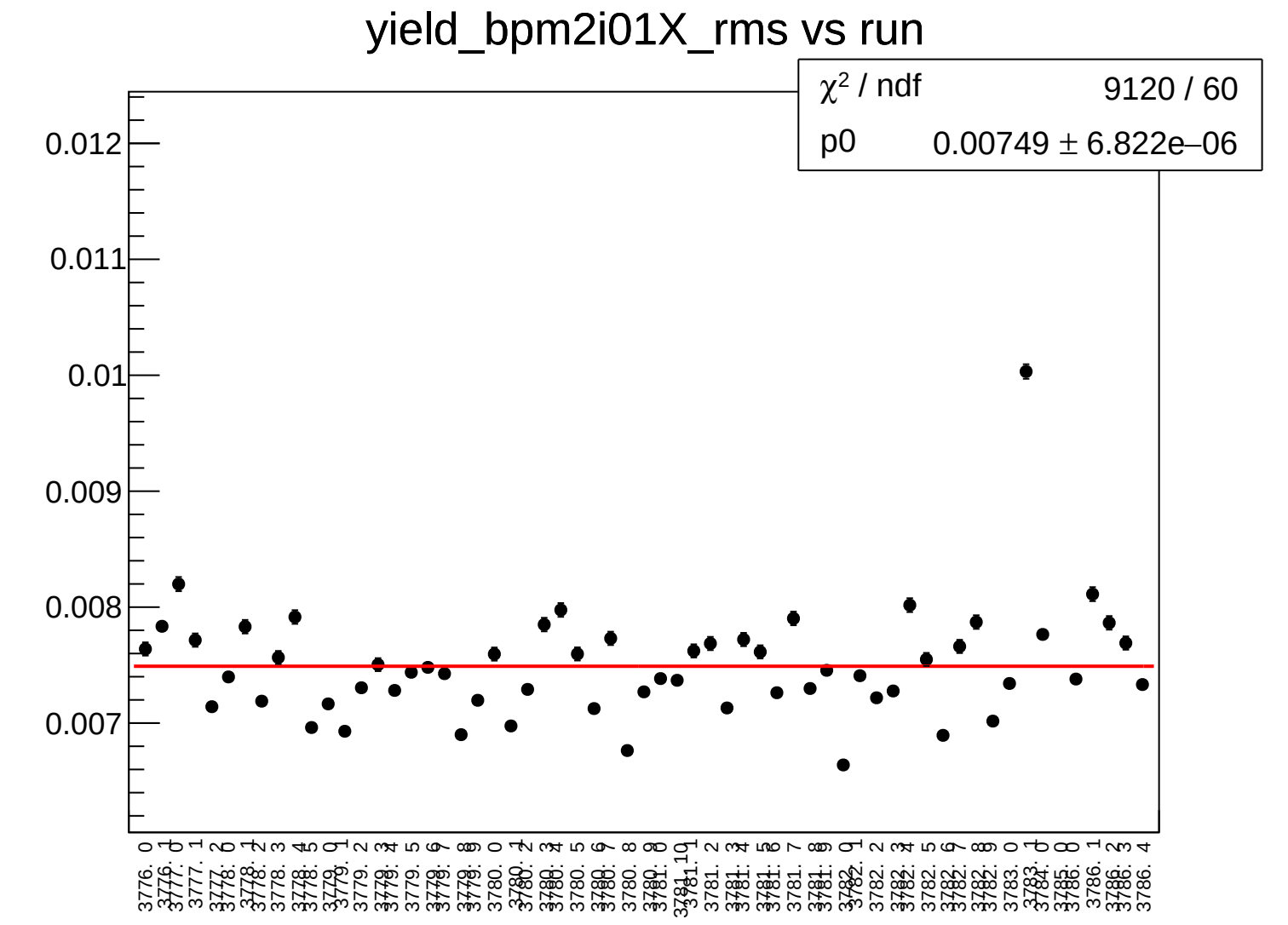

yield_bpm16Y_mean vs run
χ² / ndf 2.507e+04 / 60
p0 −0.2828 ± 3.372e−06
−0.279
−0.28
−0.281
−0.282
−0.283
−0.284
−0.285
−0.286
pull
Entries 61
Mean 87.5
Std Dev 31.28
40
20
0
−20
−40
−60
−80
−100

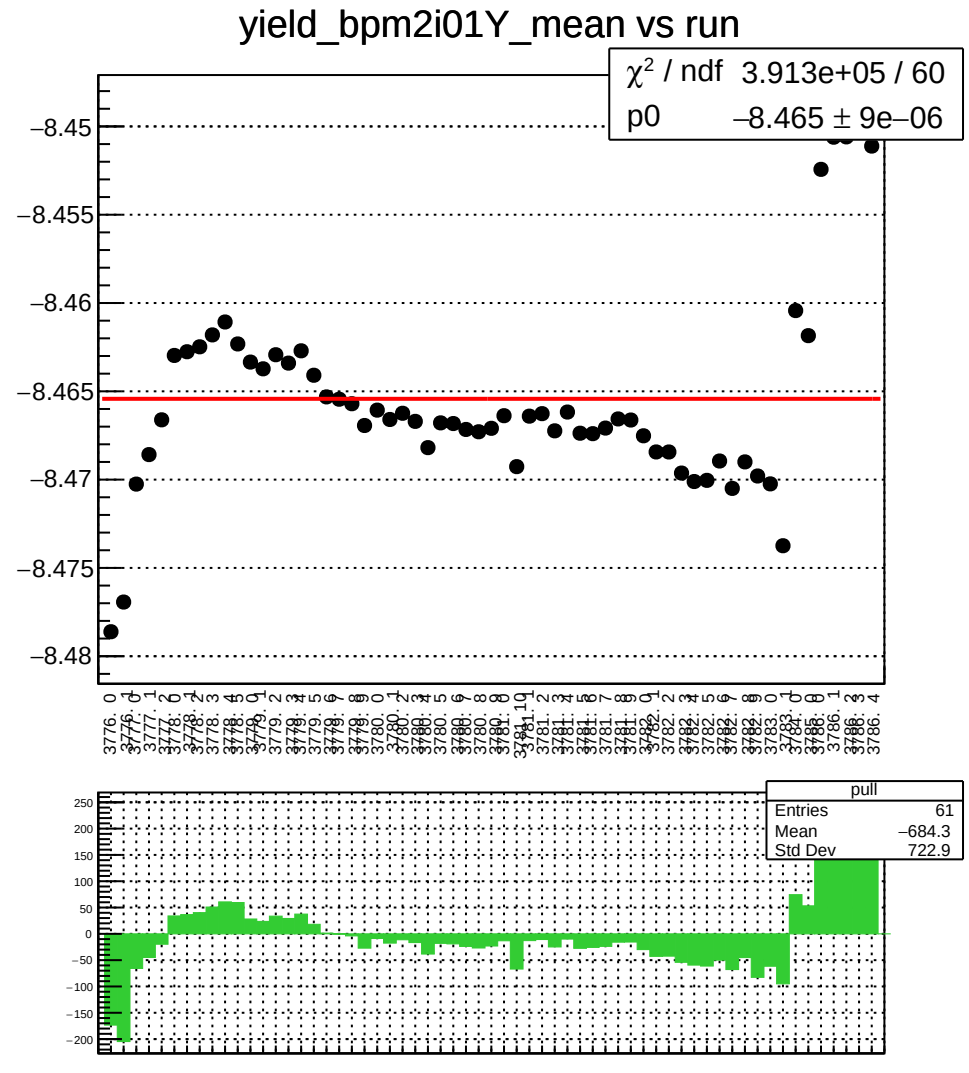

pull1D
Entries 61
Mean −1.785
Std Dev 4.059
3
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

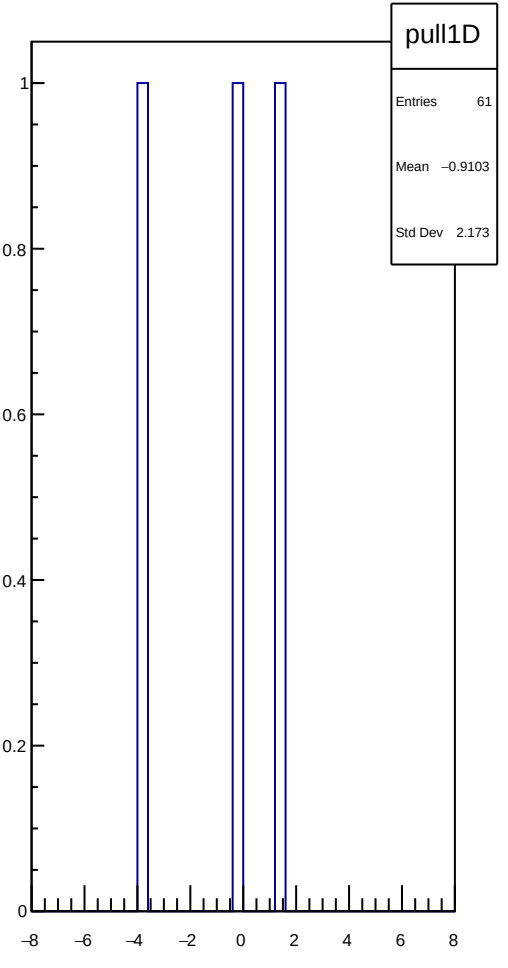

yield_bpm16Y_rms vs run
χ² / ndf 8.307e+04 / 60
p0 0.002536 ± 2.384e−06
0.025
0.02
0.015
0.01
0.005

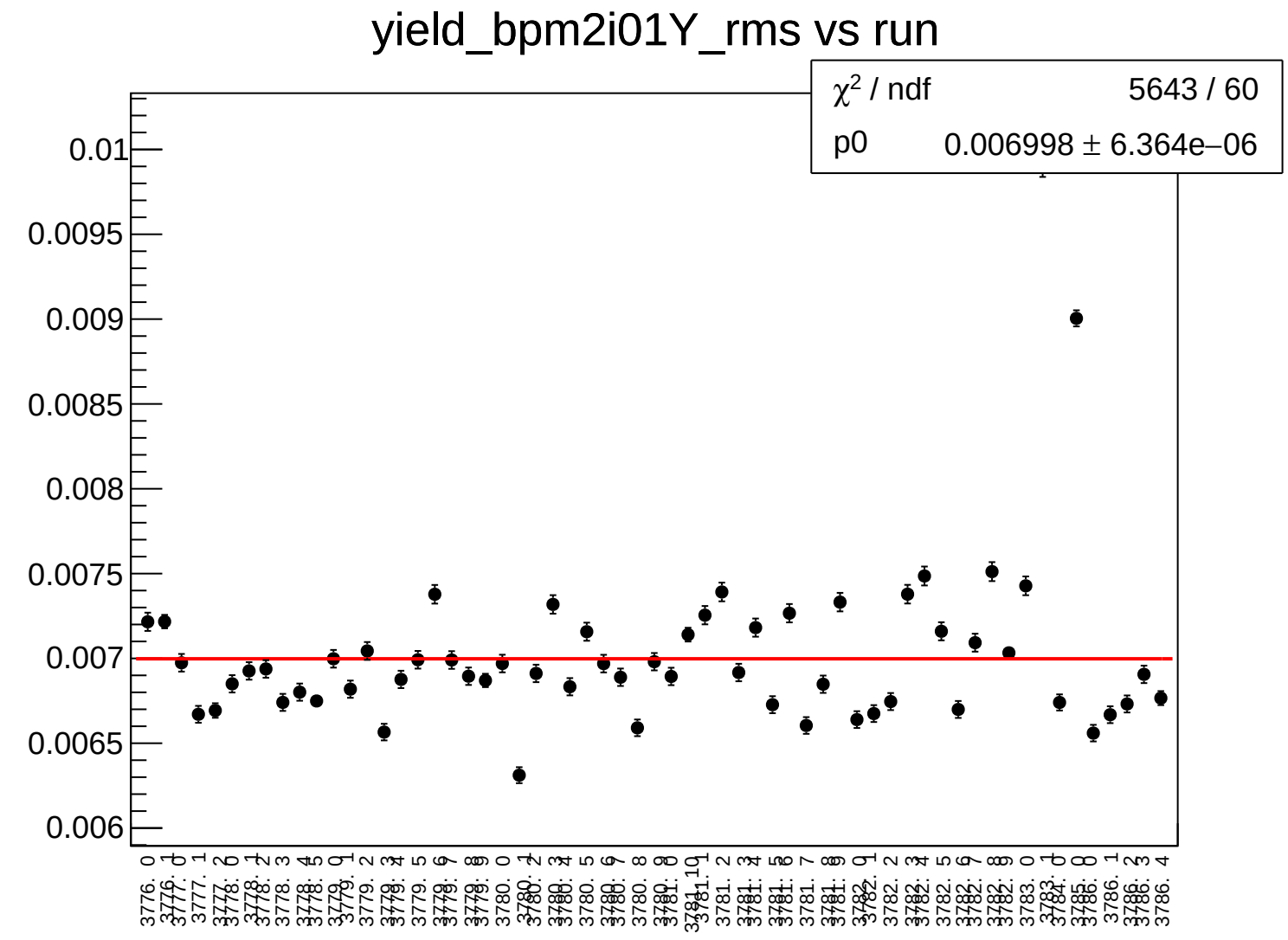

yield_bpm2i01X_mean vs run
χ² / ndf 1.348e+04 / 60
p0 −1.192 ± 9.647e−06
−1.19
−1.191
−1.192
−1.193
−1.194
−1.195
−1.196
pull
Entries 61
Mean 209.3
Std Dev 182.4
30
20
10
0
−10
−20
−30
−40

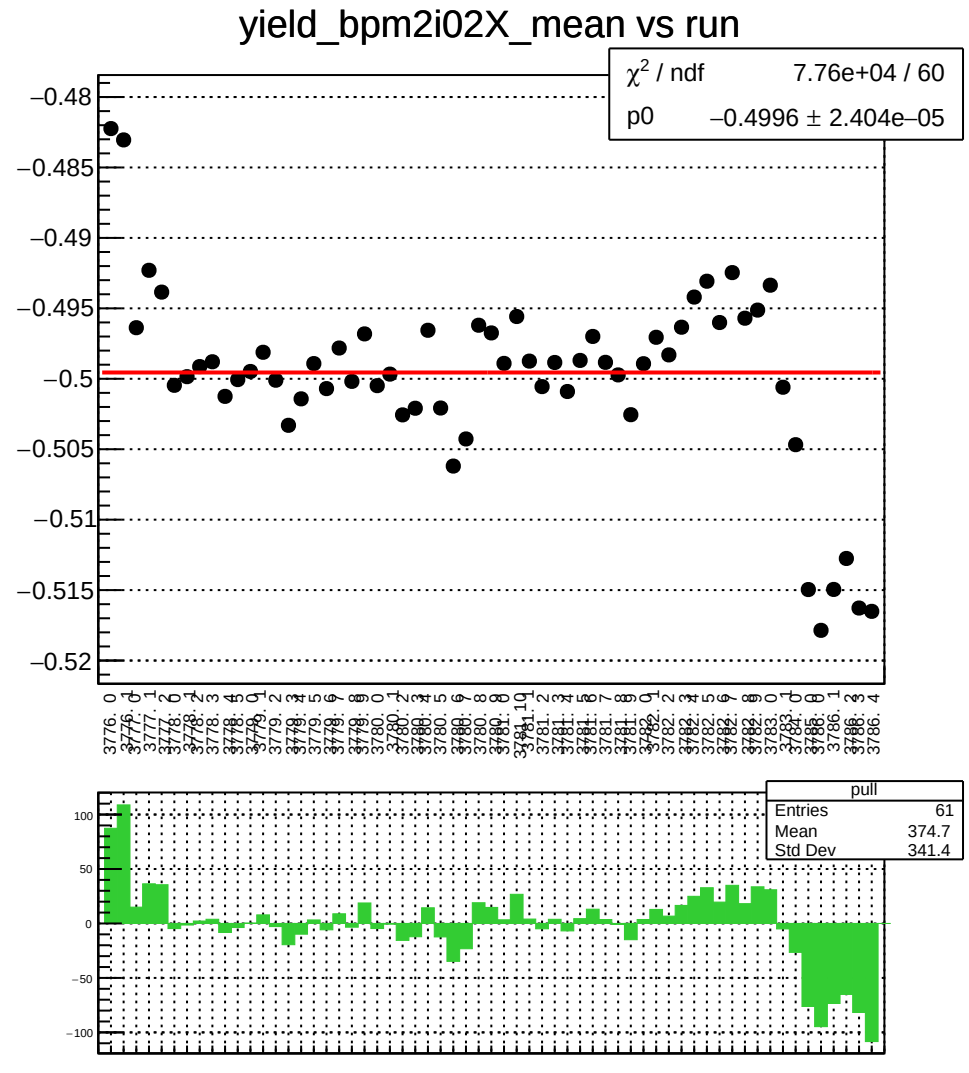

pull1D
Entries 61
Mean 0.6456
Std Dev 3.663
3
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

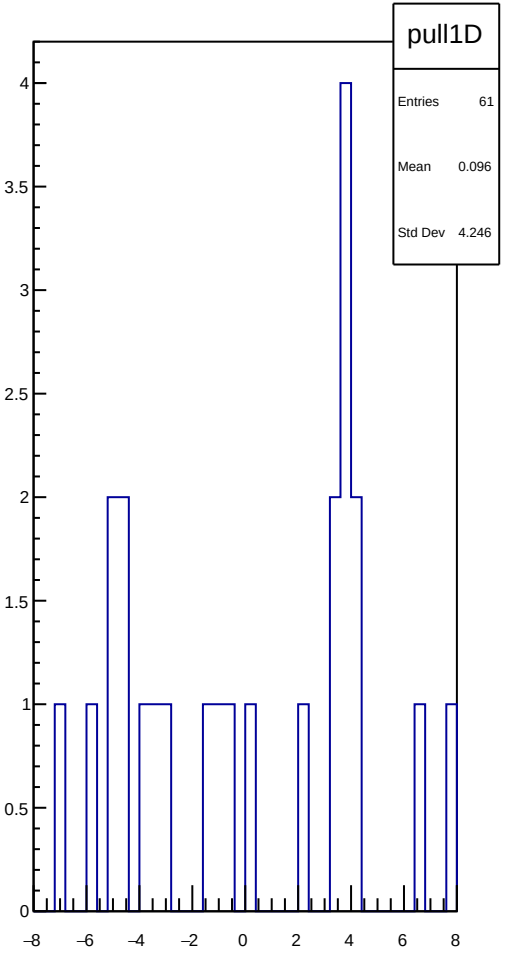

yield_bpm2i01X_rms vs run
χ² / ndf 9120 / 60
p0 0.00749 ± 6.822e–06
0.012
0.011
0.01
0.009
0.008
0.007

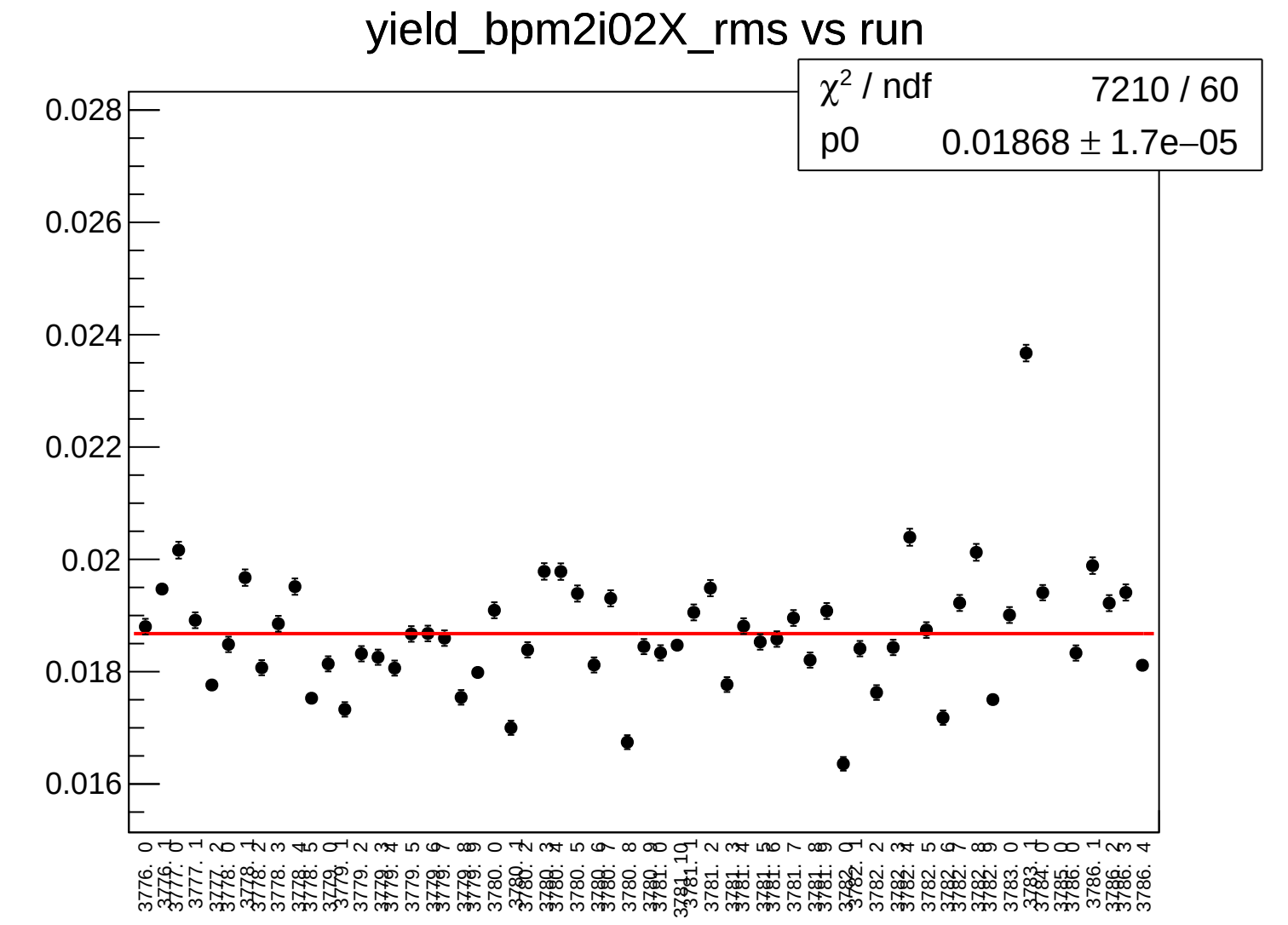

yield_bpm2i01Y_mean vs run
χ² / ndf 3.913e+05 / 60
p0 –8.465 ± 9e–06
–8.45
–8.455
–8.46
–8.465
–8.47
–8.475
–8.48
pull
Entries 61
Mean –684.3
Std Dev 722.9

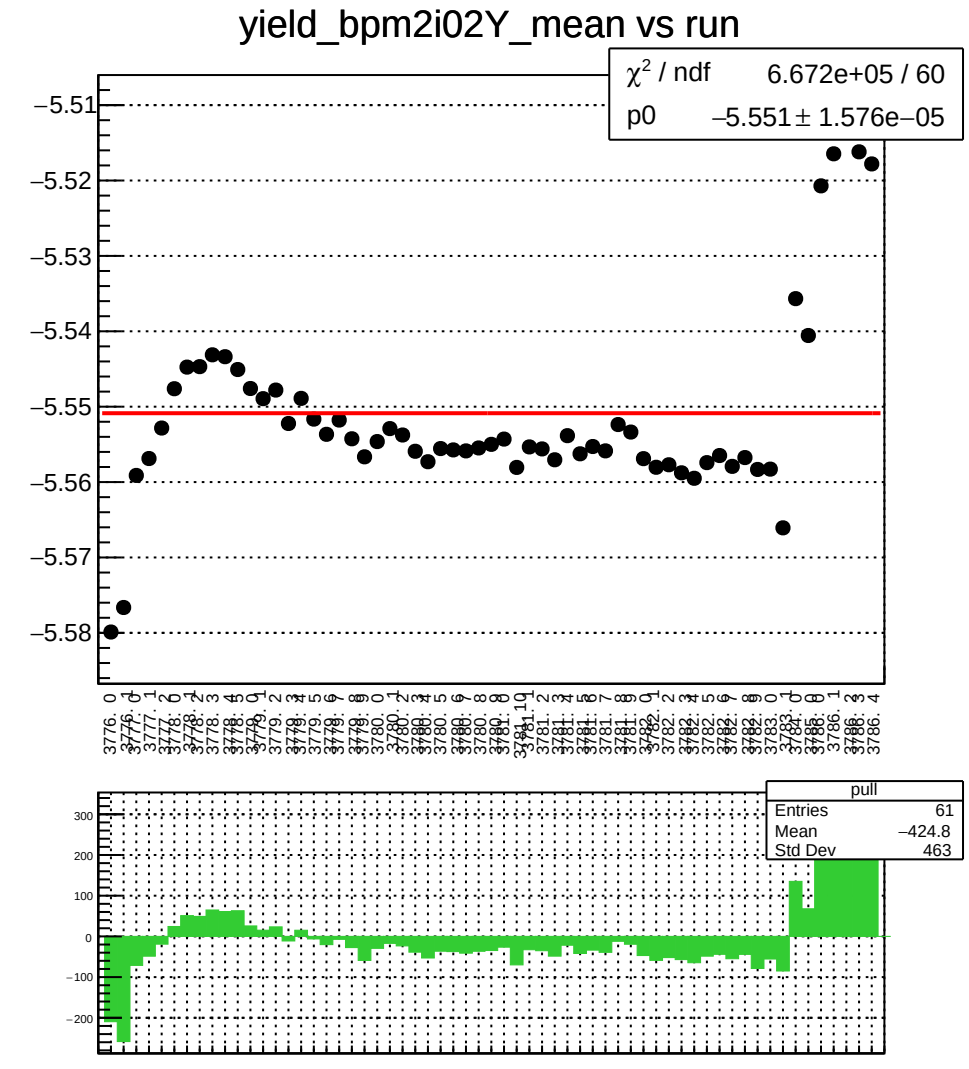

pull1D
Entries 61
Mean –0.9103
Std Dev 2.173

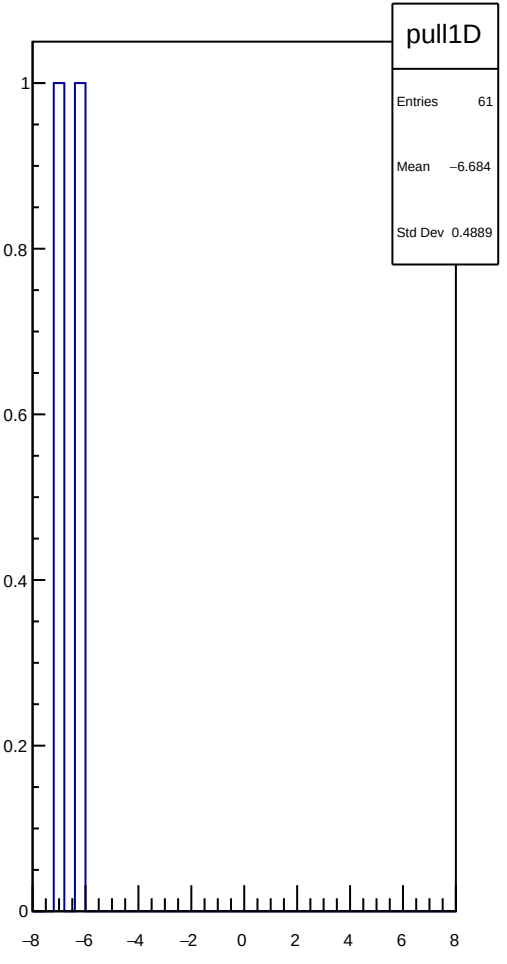

yield_bpm2i01Y_rms vs run
χ² / ndf 5643 / 60
p0 0.006998 ± 6.364e−06
0.01
0.0095
0.009
0.0085
0.008
0.0075
0.007
0.0065
0.006

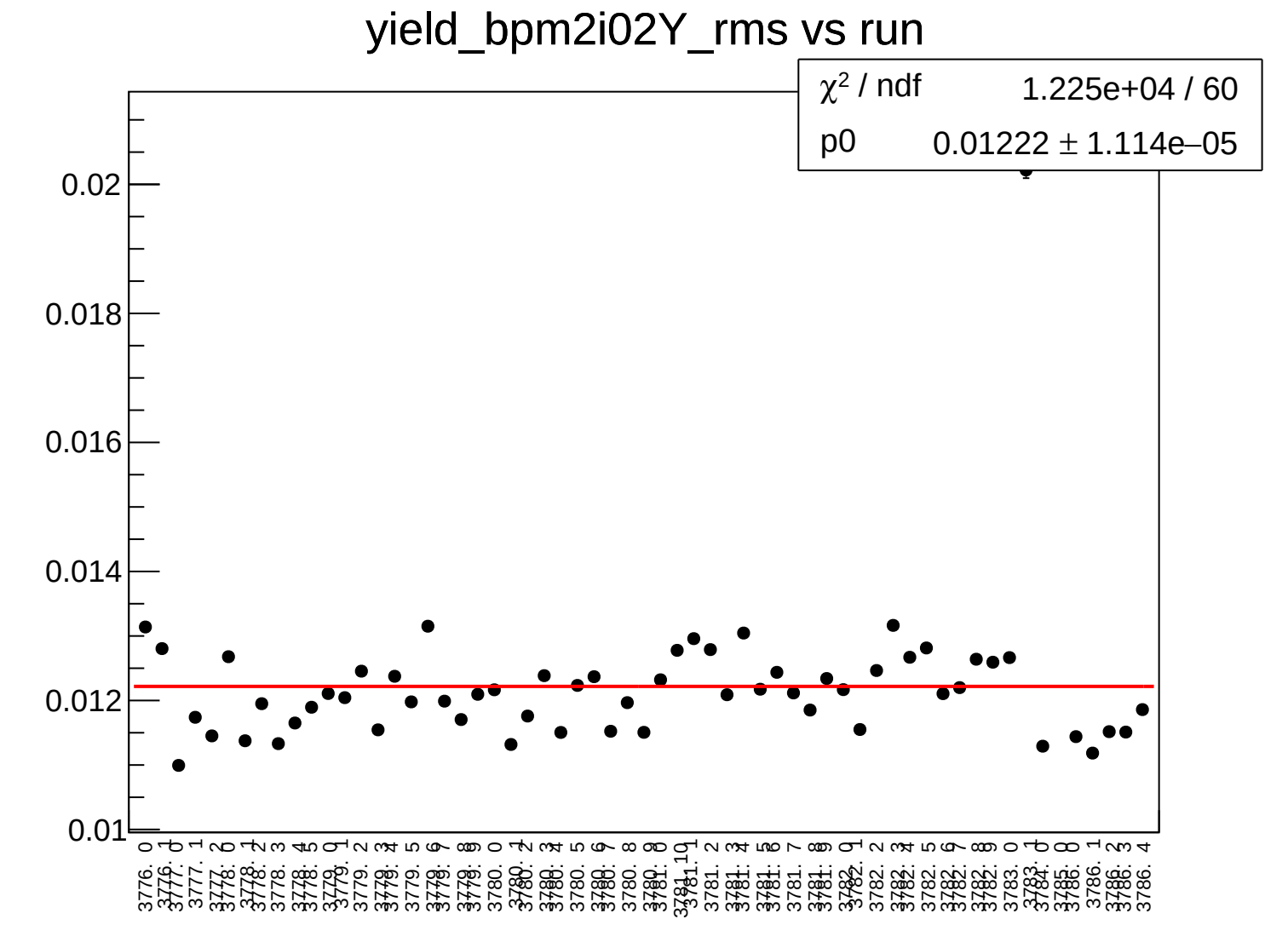

yield_bpm2i02X_mean vs run
χ² / ndf 7.76e+04 / 60
p0 −0.4996 ± 2.404e−05
−0.48
−0.485
−0.49
−0.495
−0.5
−0.505
−0.51
−0.515
−0.52
pull
Entries 61
Mean 374.7
Std Dev 341.4
100
50
0
−50
−100

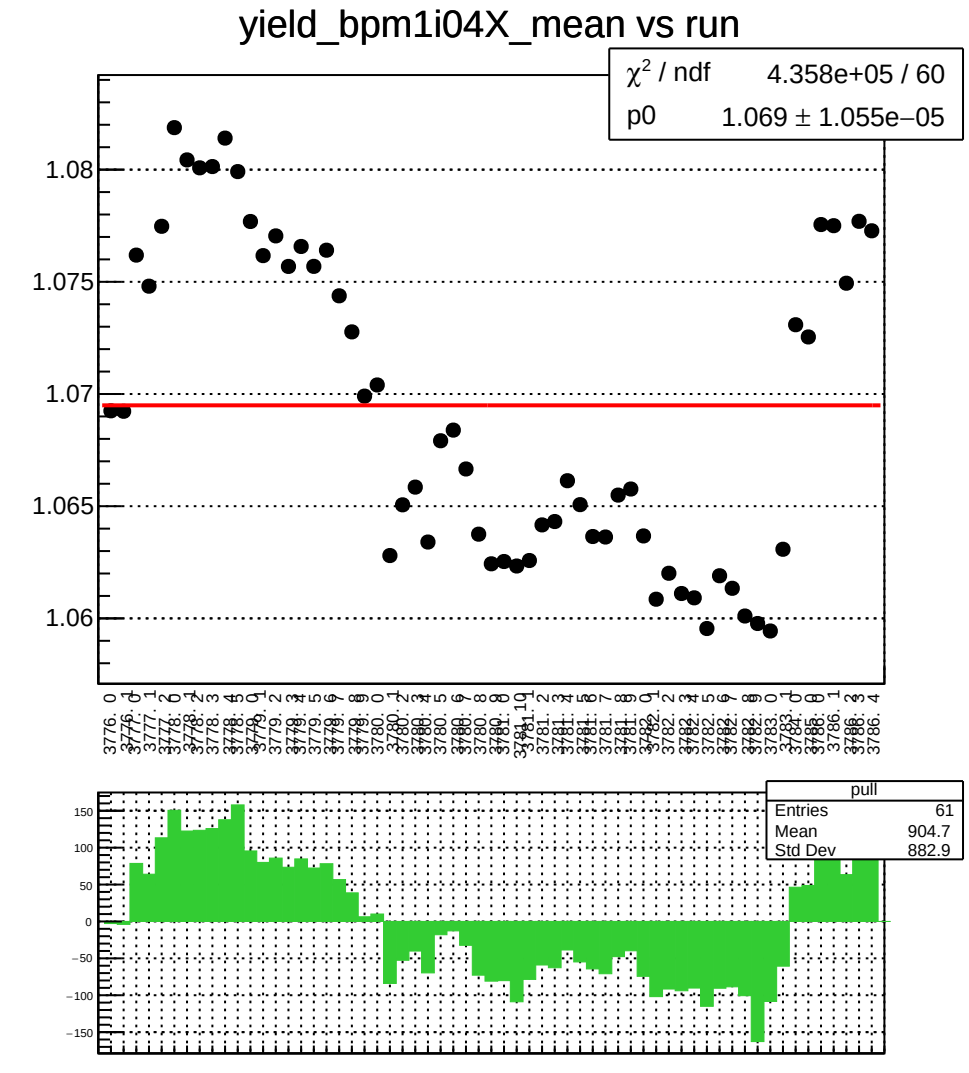

pull1D
Entries 61
Mean 0.096
Std Dev 4.246
4
3.5
3
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

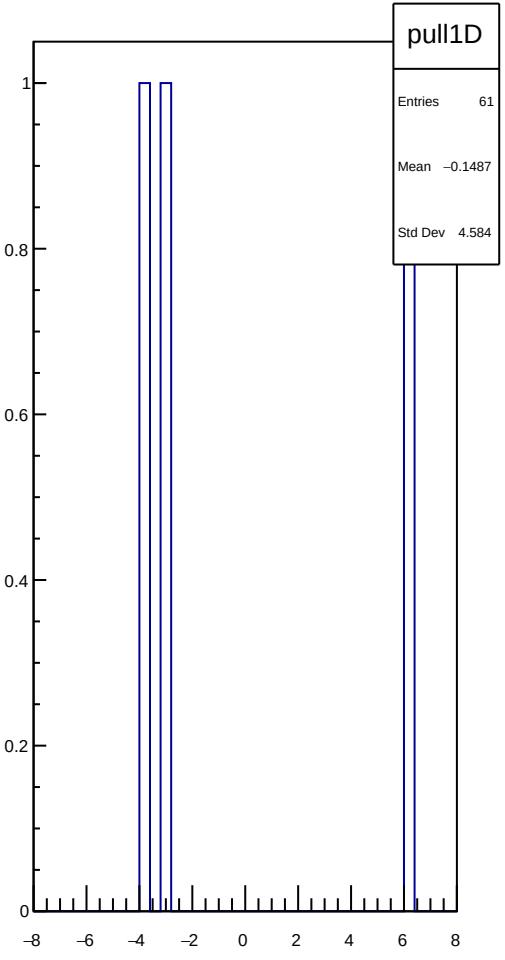

yield_bpm2i02X_rms vs run
χ² / ndf 7210 / 60
p0 0.01868 ± 1.7e−05
0.028
0.026
0.024
0.022
0.02
0.018
0.016

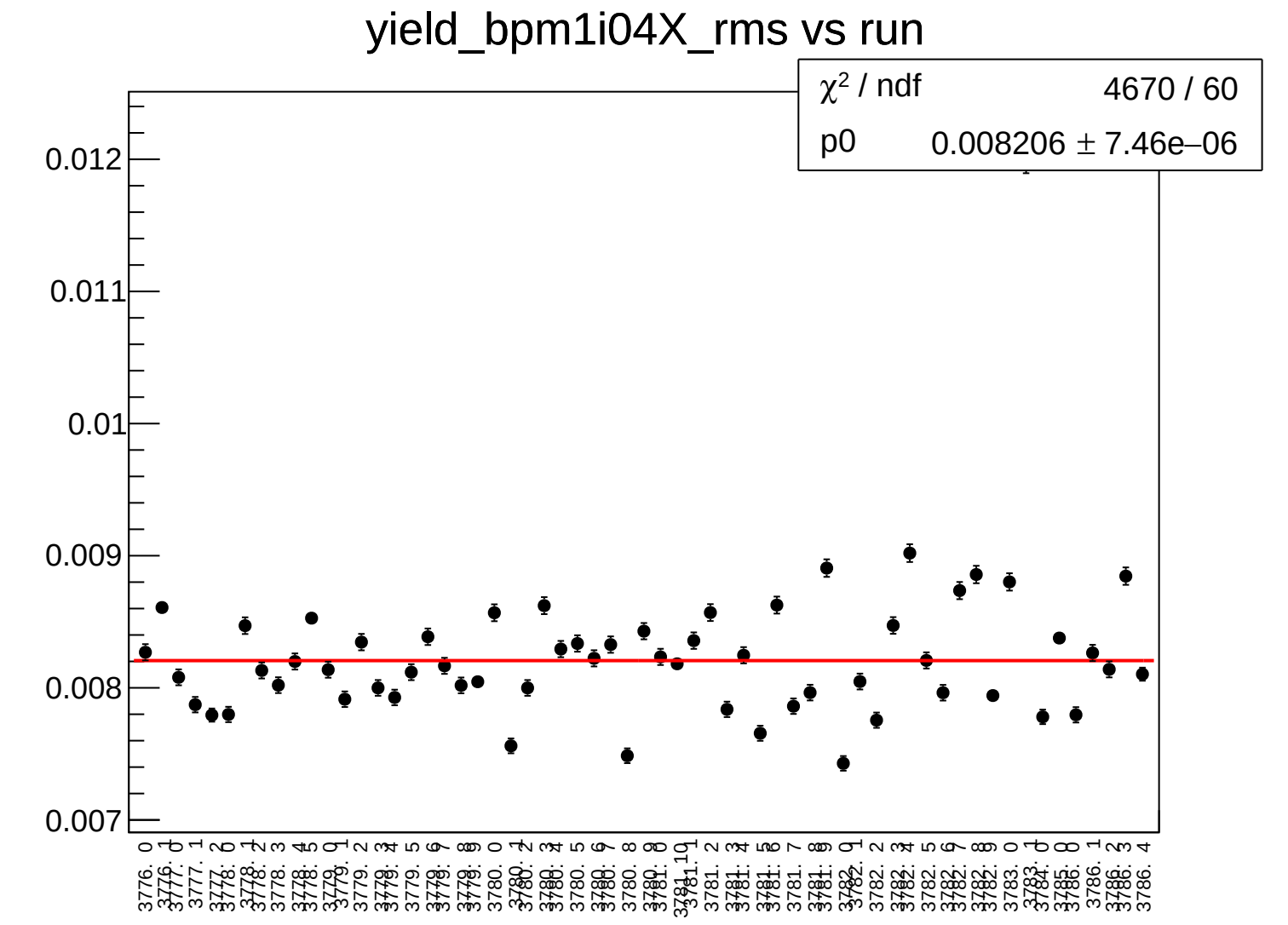

yield_bpm2i02Y_mean vs run
χ² / ndf 6.672e+05 / 60
p0 −5.551 ± 1.576e−05
−5.51
−5.52
−5.53
−5.54
−5.55
−5.56
−5.57
−5.58
pull
Entries 61
Mean −424.8
Std Dev 463
300
200
100
0
−100
−200

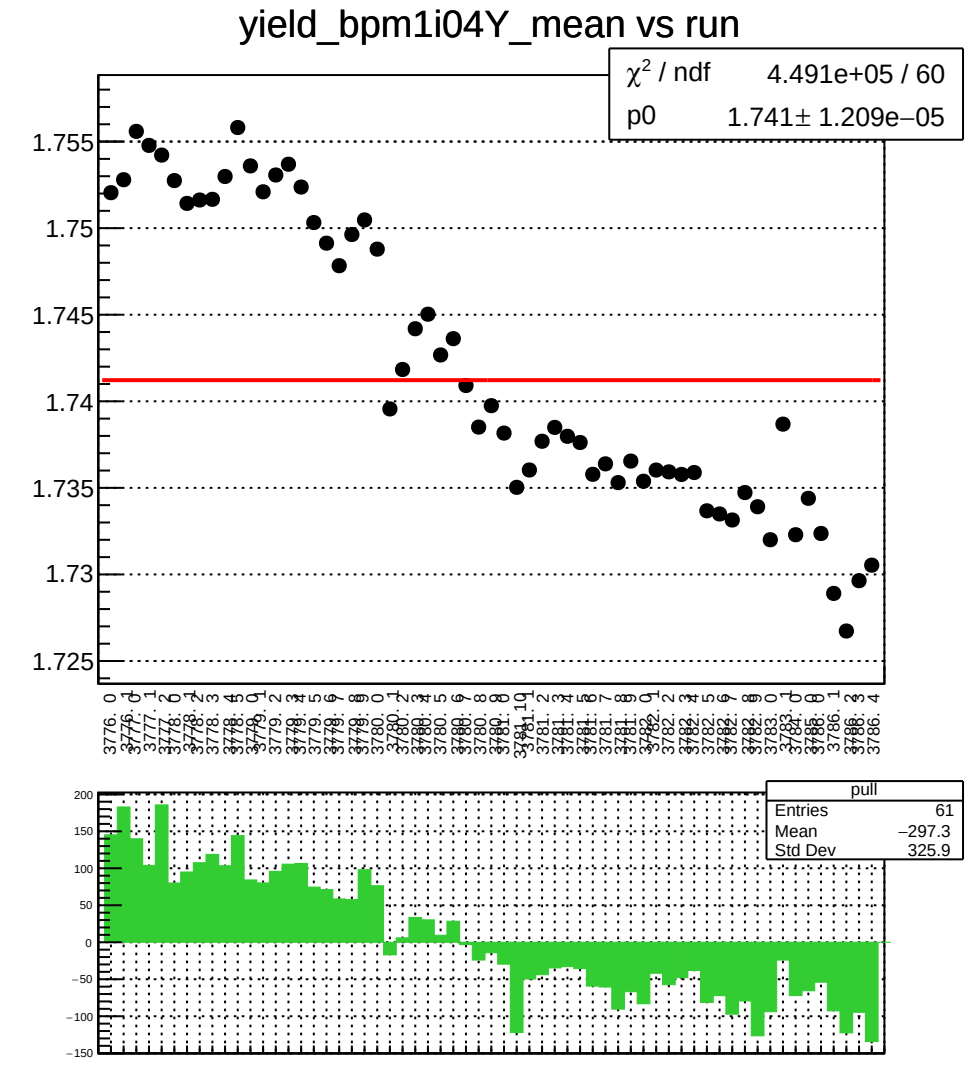

pull1D
Entries 61
Mean −6.684
Std Dev 0.4889
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

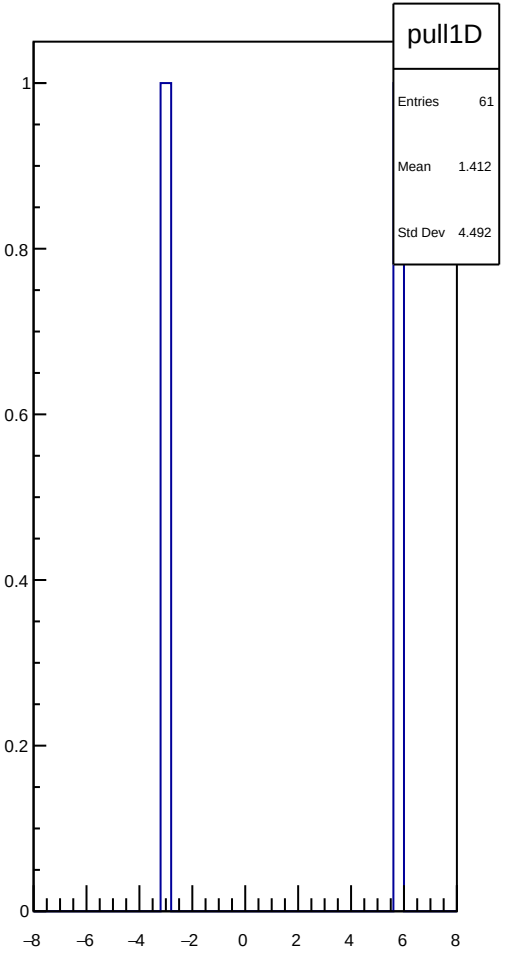

yield_bpm2i02Y_rms vs run
χ² / ndf 1.225e+04 / 60
p0 0.01222 ± 1.114e−05
0.02
0.018
0.016
0.014
0.012
0.01

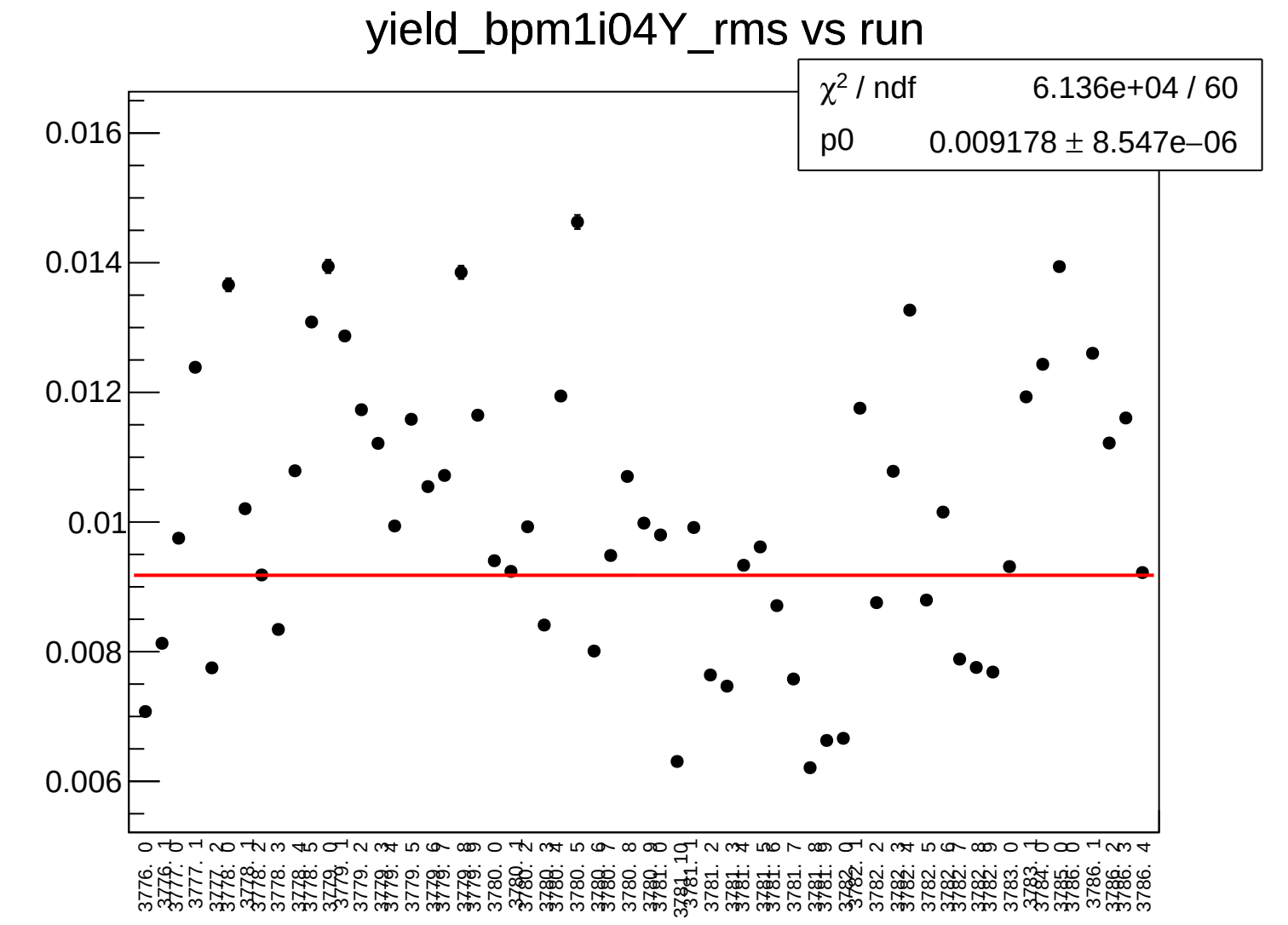

yield_bpm1i04X_mean vs run
χ² / ndf 4.358e+05 / 60
p0 1.069 ± 1.055e−05
1.08
1.075
1.07
1.065
1.06
pull
Entries 61
Mean 904.7
Std Dev 882.9
150
100
50
0
−50
−100
−150

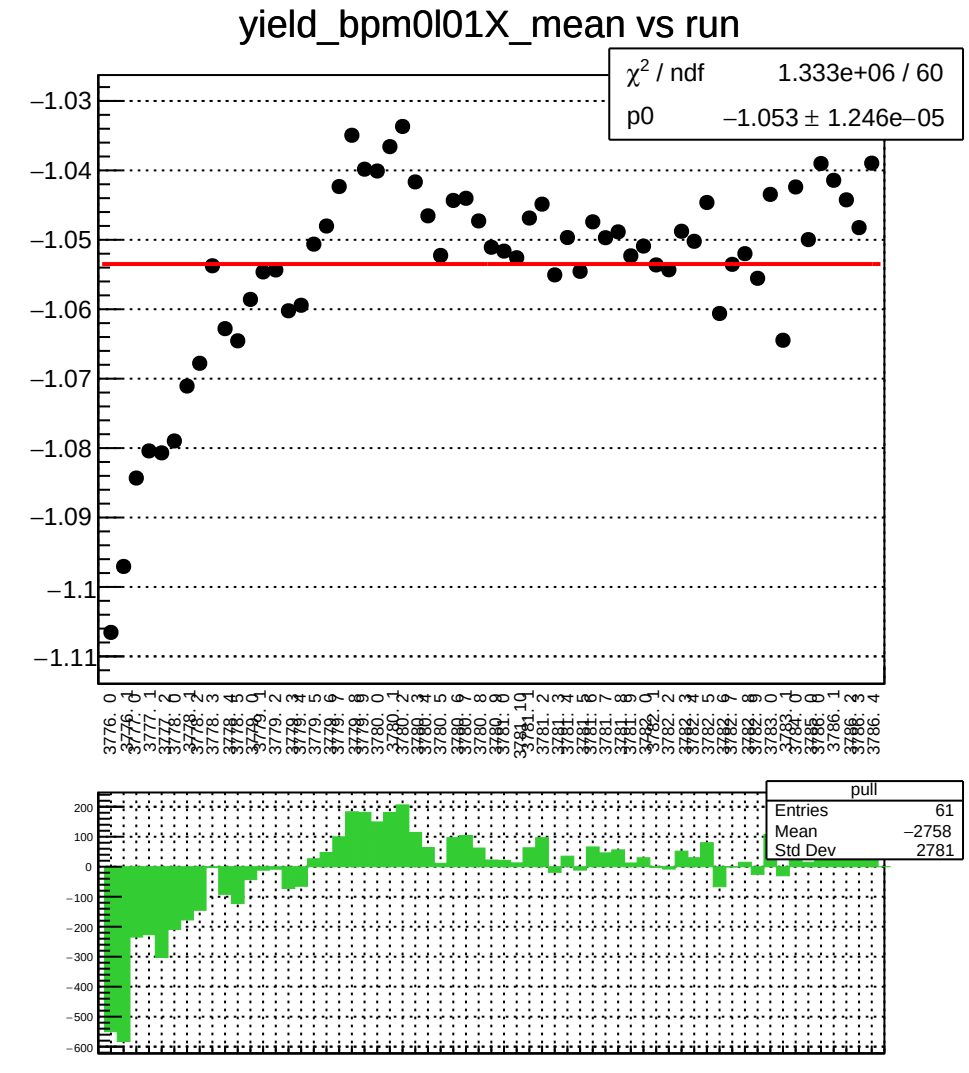

pull1D
Entries 61
Mean −0.1487
Std Dev 4.584
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

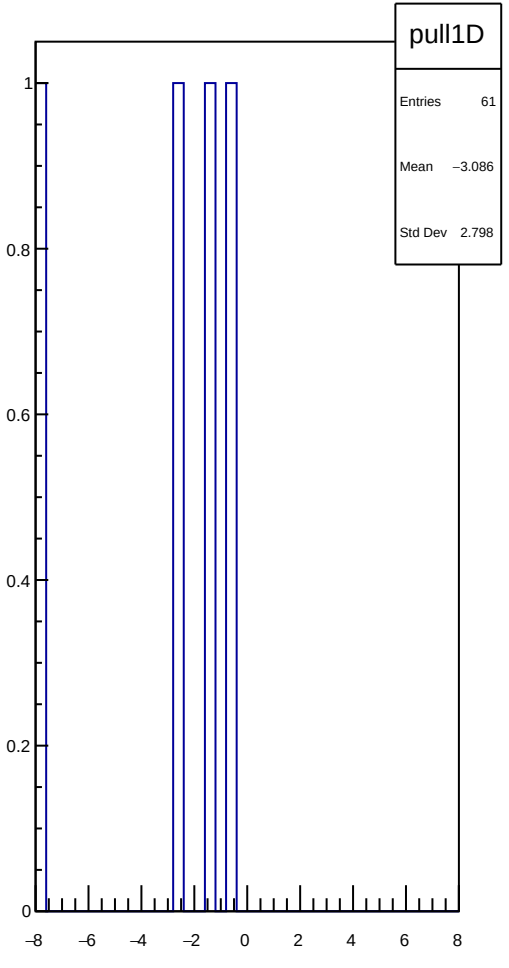

yield_bpm1i04X_rms vs run
χ² / ndf 4670 / 60
p0 0.008206 ± 7.46e–06
0.012
0.011
0.01
0.009
0.008
0.007

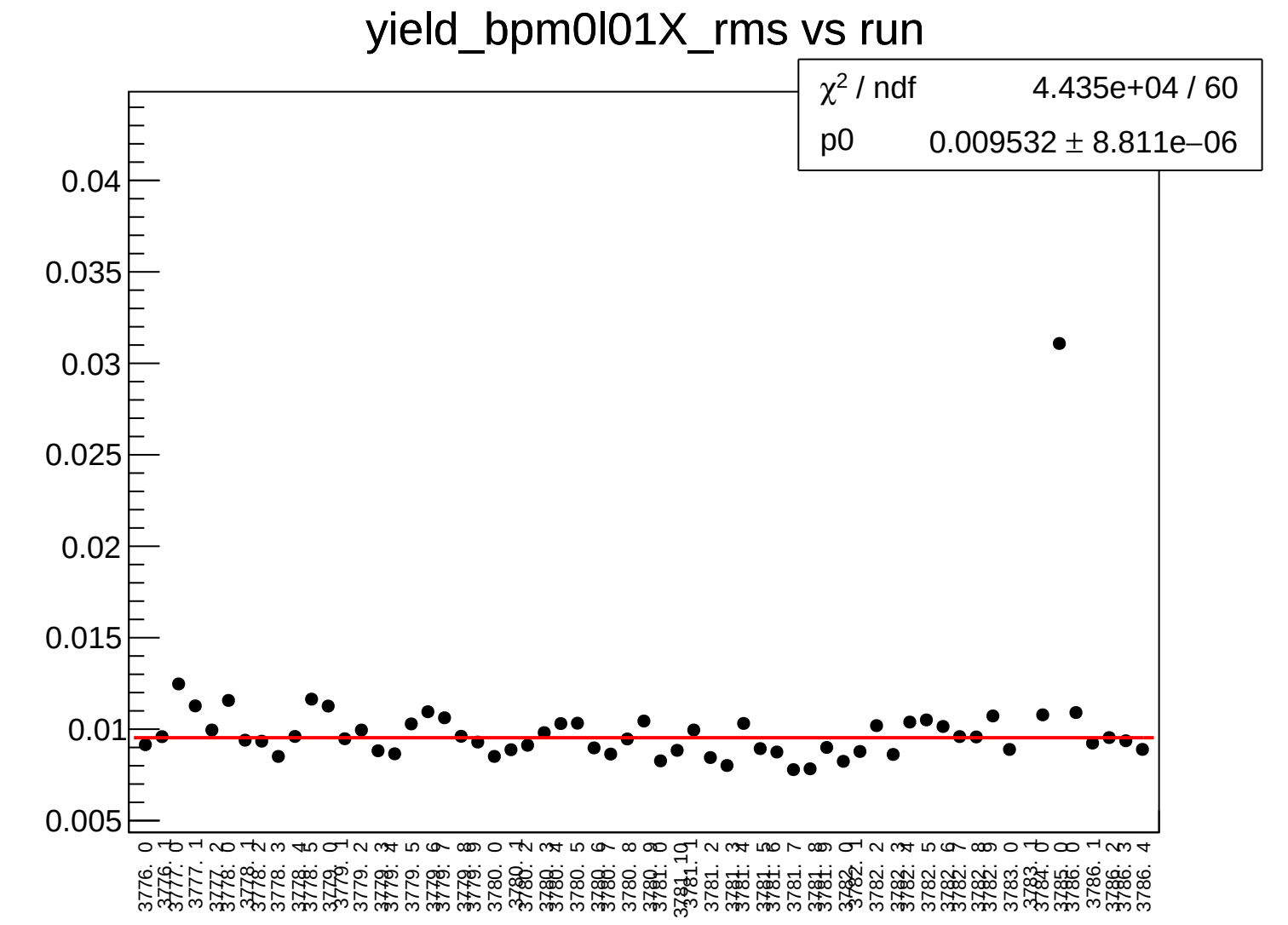

yield_bpm1i04Y_mean vs run
χ² / ndf 4.491e+05 / 60
p0 1.741± 1.209e−05
1.755
1.75
1.745
1.74
1.735
1.73
1.725
pull
Entries 61
Mean −297.3
Std Dev 325.9
200
150
100
50
0
−50
−100
−150

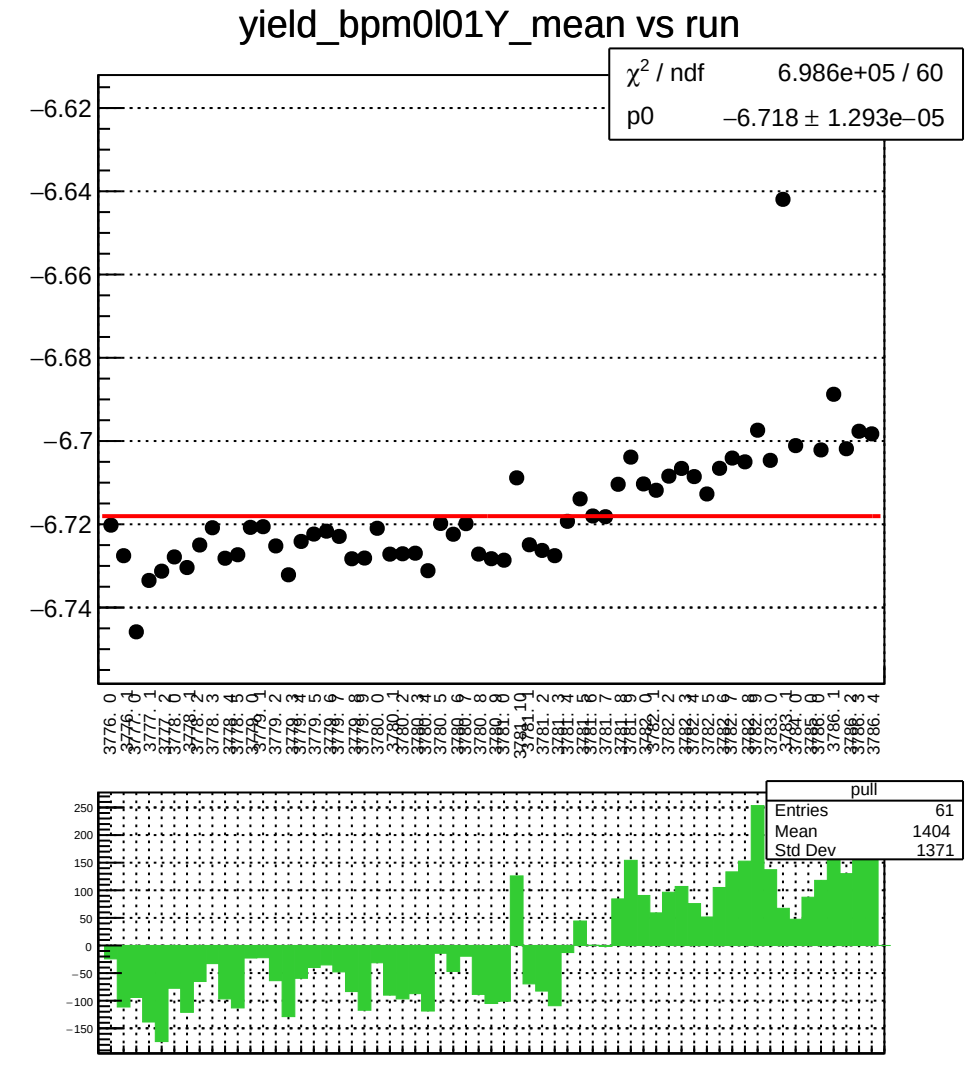

pull1D
Entries 61
Mean 1.412
Std Dev 4.492
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

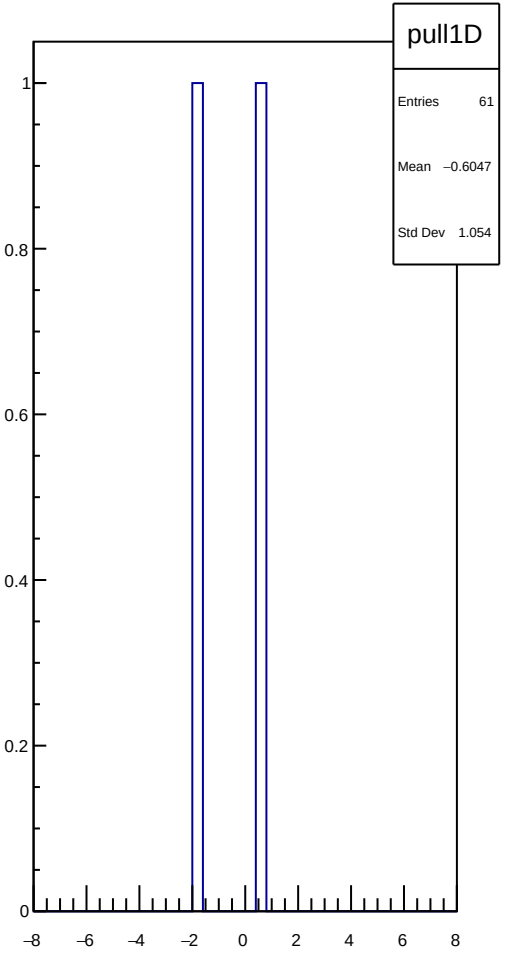

yield_bpm1i04Y_rms vs run
χ² / ndf 6.136e+04 / 60
p0 0.009178 ± 8.547e−06
0.016
0.014
0.012
0.01
0.008
0.006

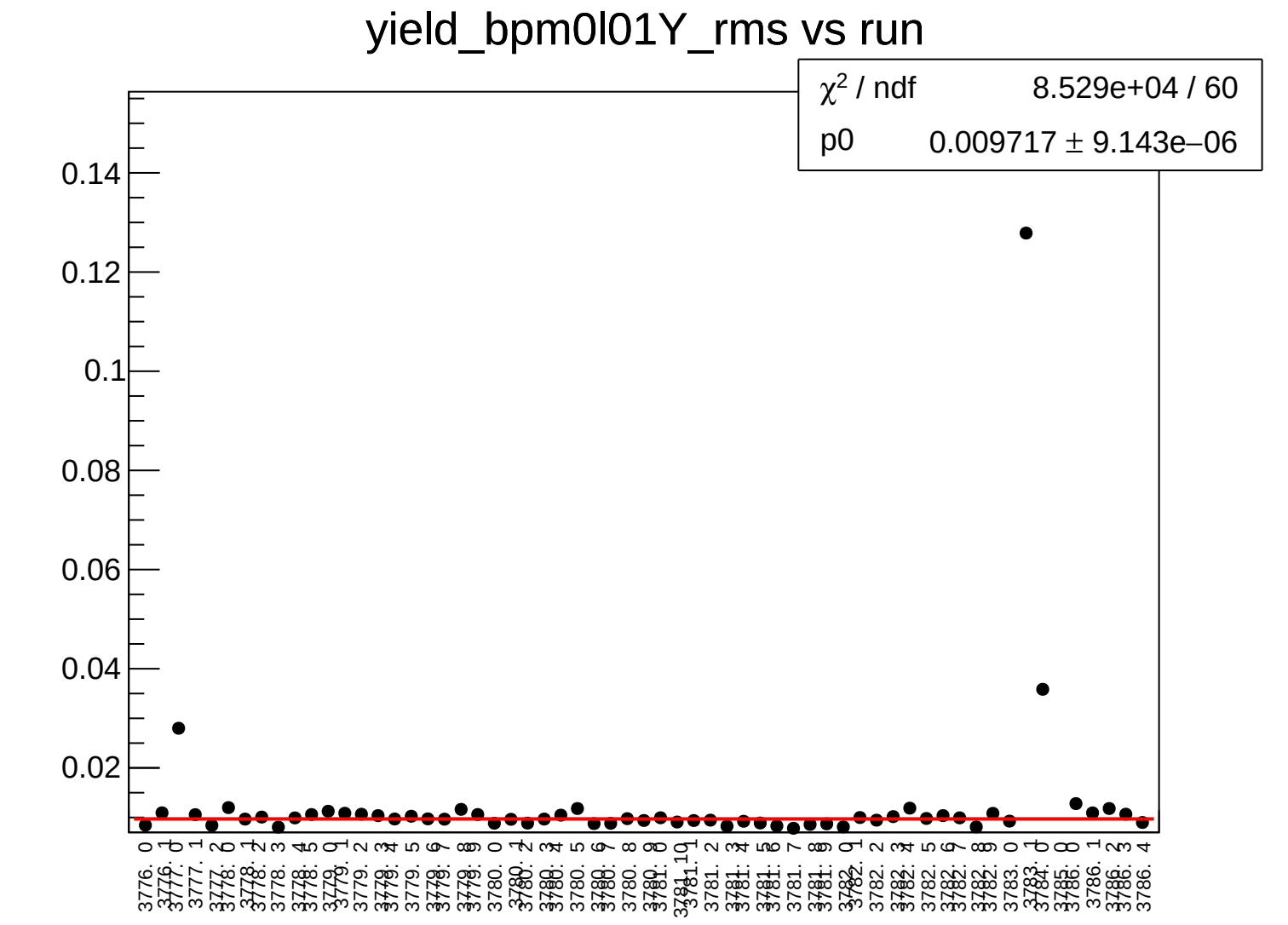

yield_bpm0l01X_mean vs run
χ² / ndf 1.333e+06 / 60
p0 −1.053 ± 1.246e−05
pull
Entries 61
Mean −2758
Std Dev 2781

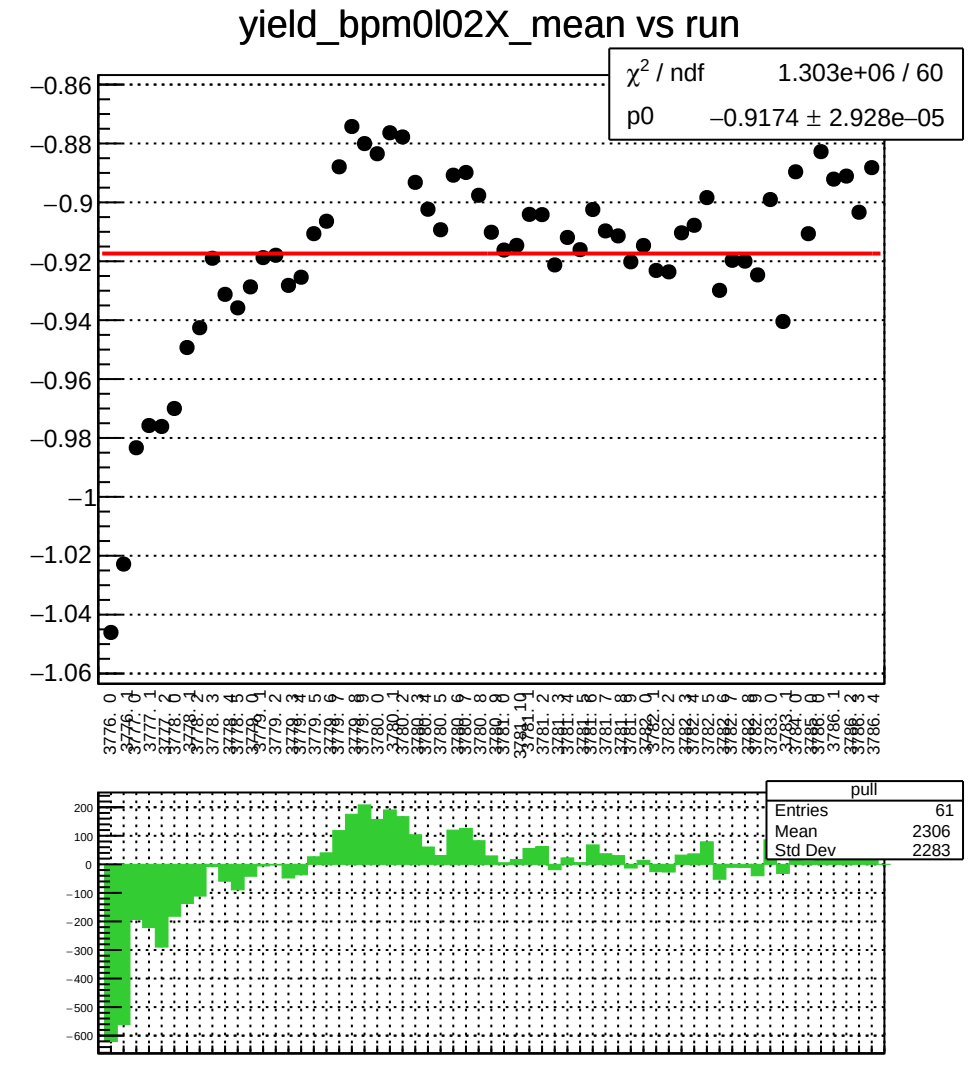

pull1D
Entries 61
Mean −3.086
Std Dev 2.798

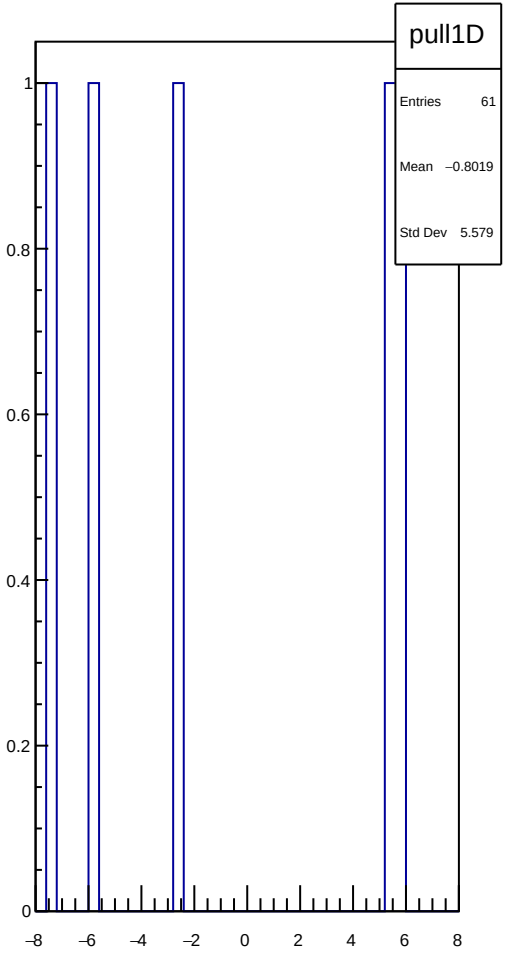

yield_bpm0l01X_rms vs run
χ² / ndf 4.435e+04 / 60
p0 0.009532 ± 8.811e−06
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005

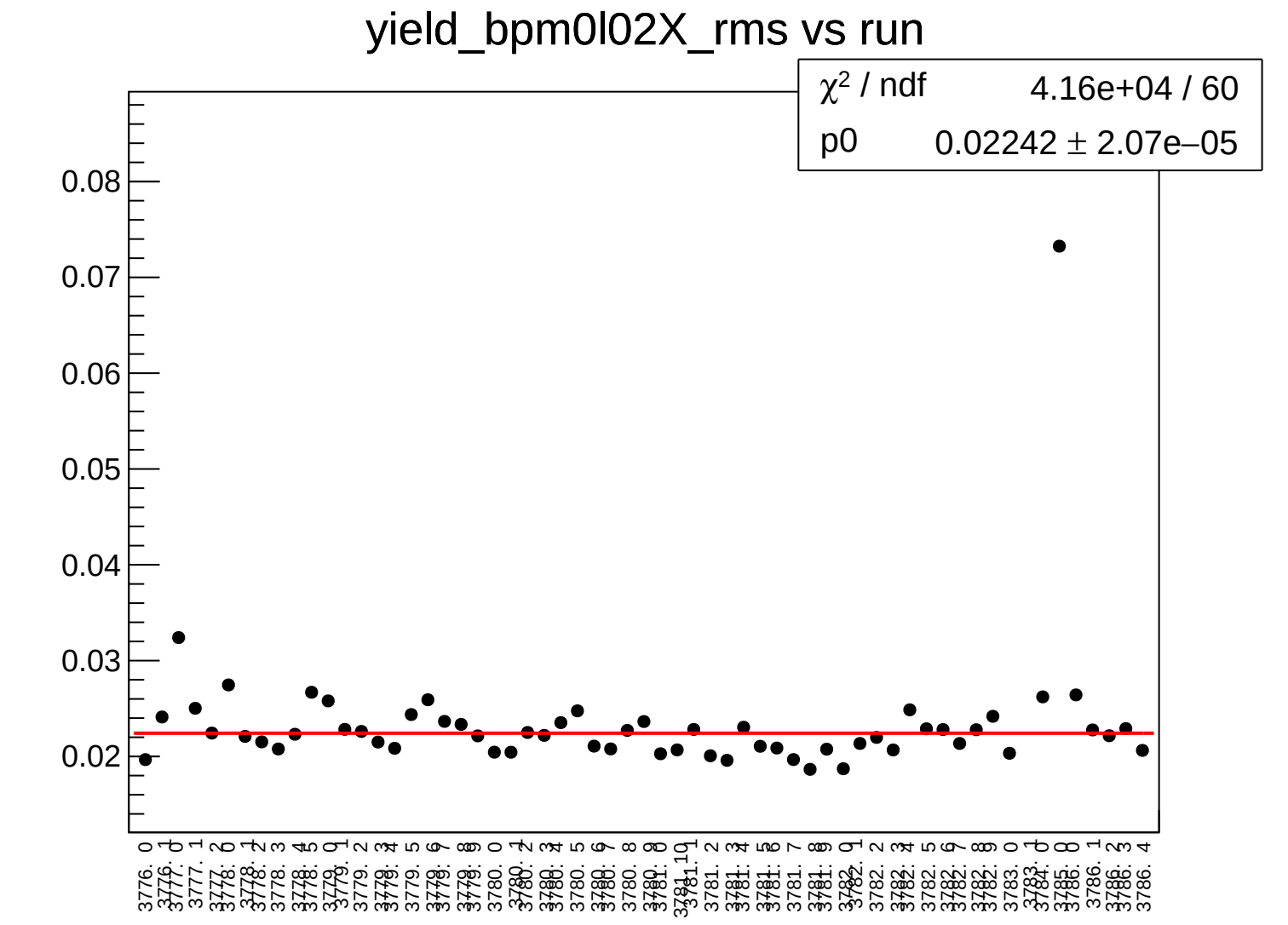

yield_bpm0l01Y_mean vs run
χ² / ndf 6.986e+05 / 60
p0 −6.718 ± 1.293e−05
−6.62
−6.64
−6.66
−6.68
−6.7
−6.72
−6.74
pull
Entries 61
Mean 1404
Std Dev 1371
250
200
150
100
50
0
−50
−100
−150

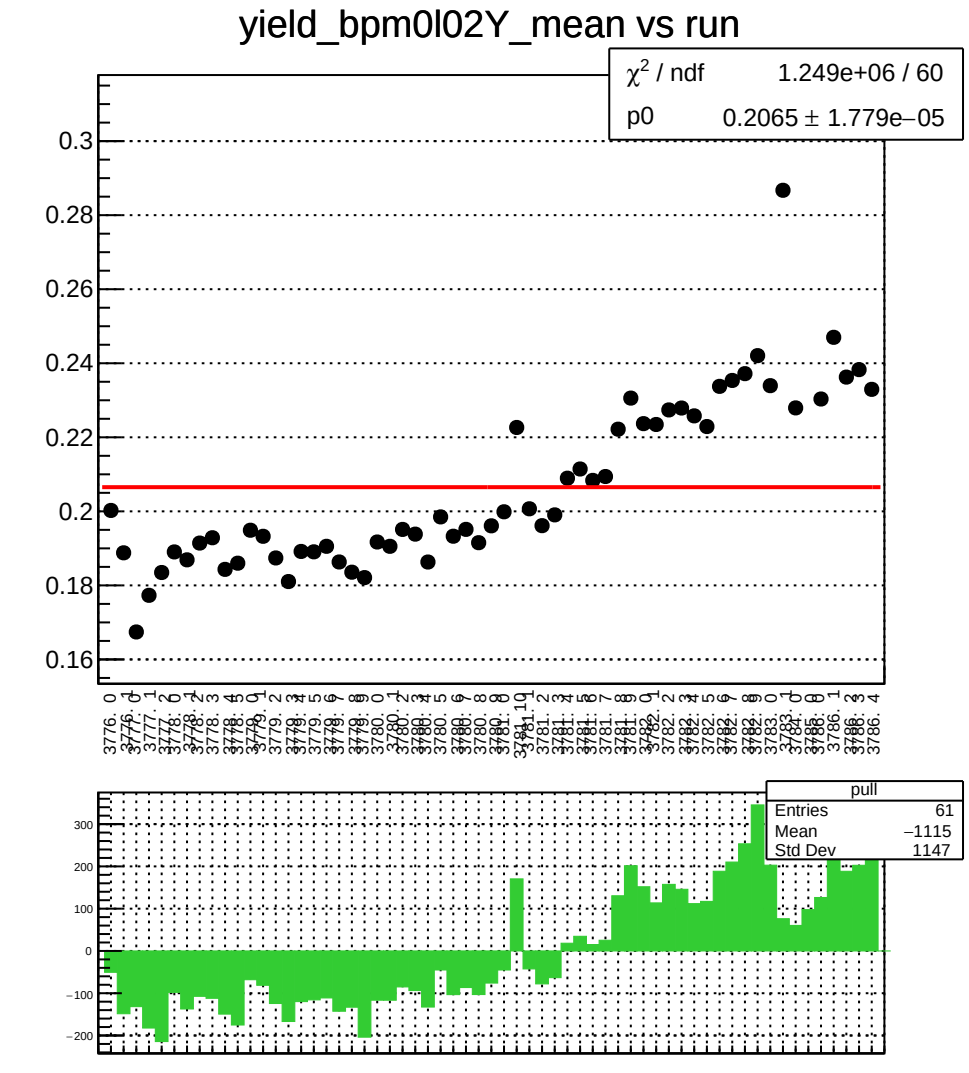

pull1D
Entries 61
Mean −0.6047
Std Dev 1.054
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

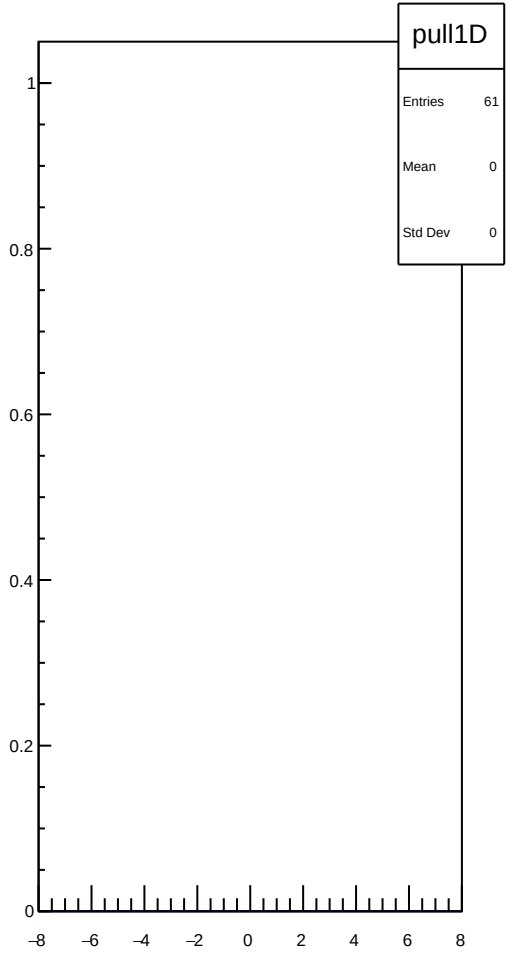

yield_bpm0l01Y_rms vs run
χ² / ndf 8.529e+04 / 60
p0 0.009717 ± 9.143e−06
0.14
0.12
0.1
0.08
0.06
0.04
0.02

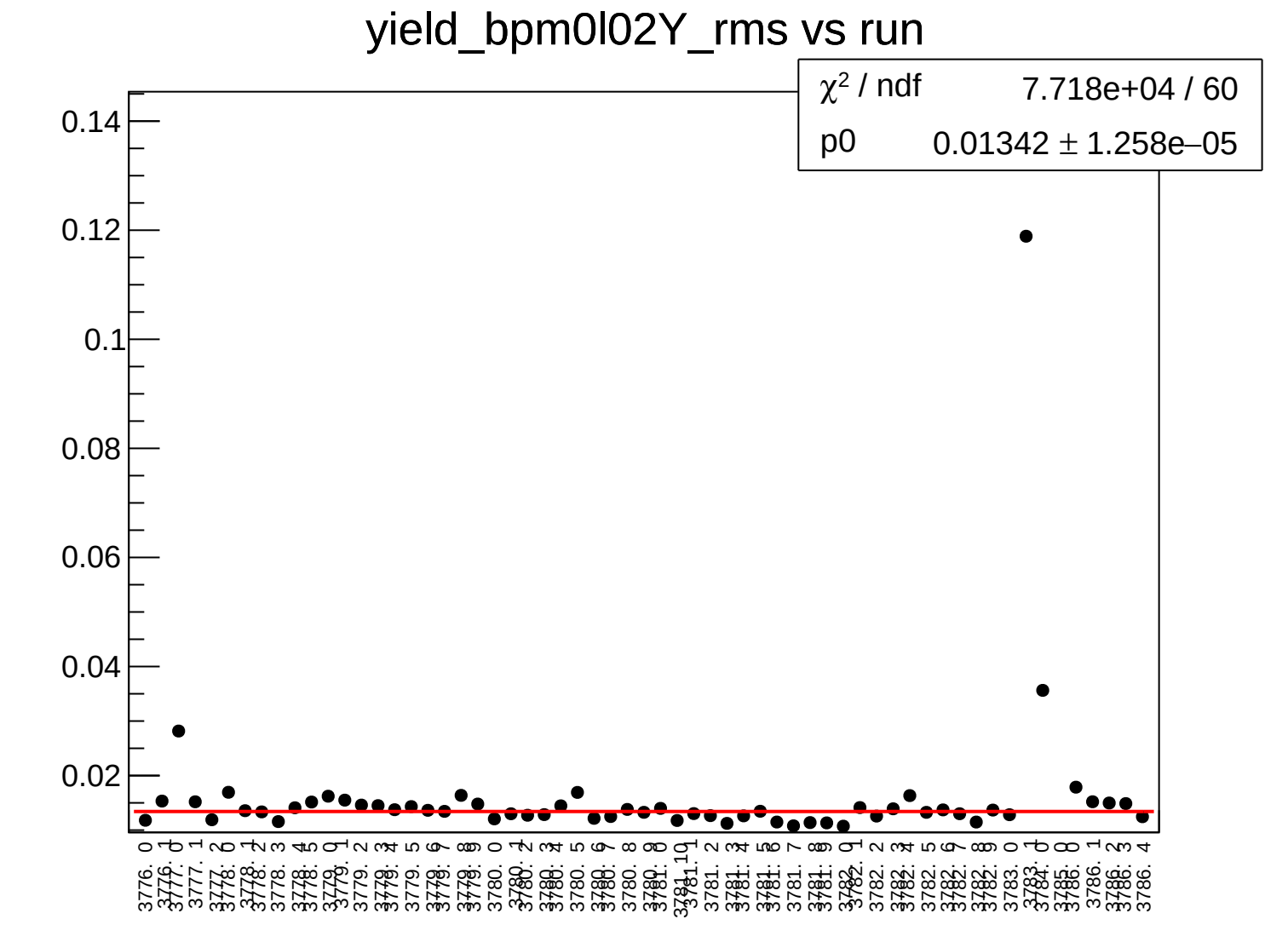

yield_bpm0l02X_mean vs run
χ² / ndf 1.303e+06 / 60
p0 −0.9174 ± 2.928e−05
pull
Entries 61
Mean 2306
Std Dev 2283

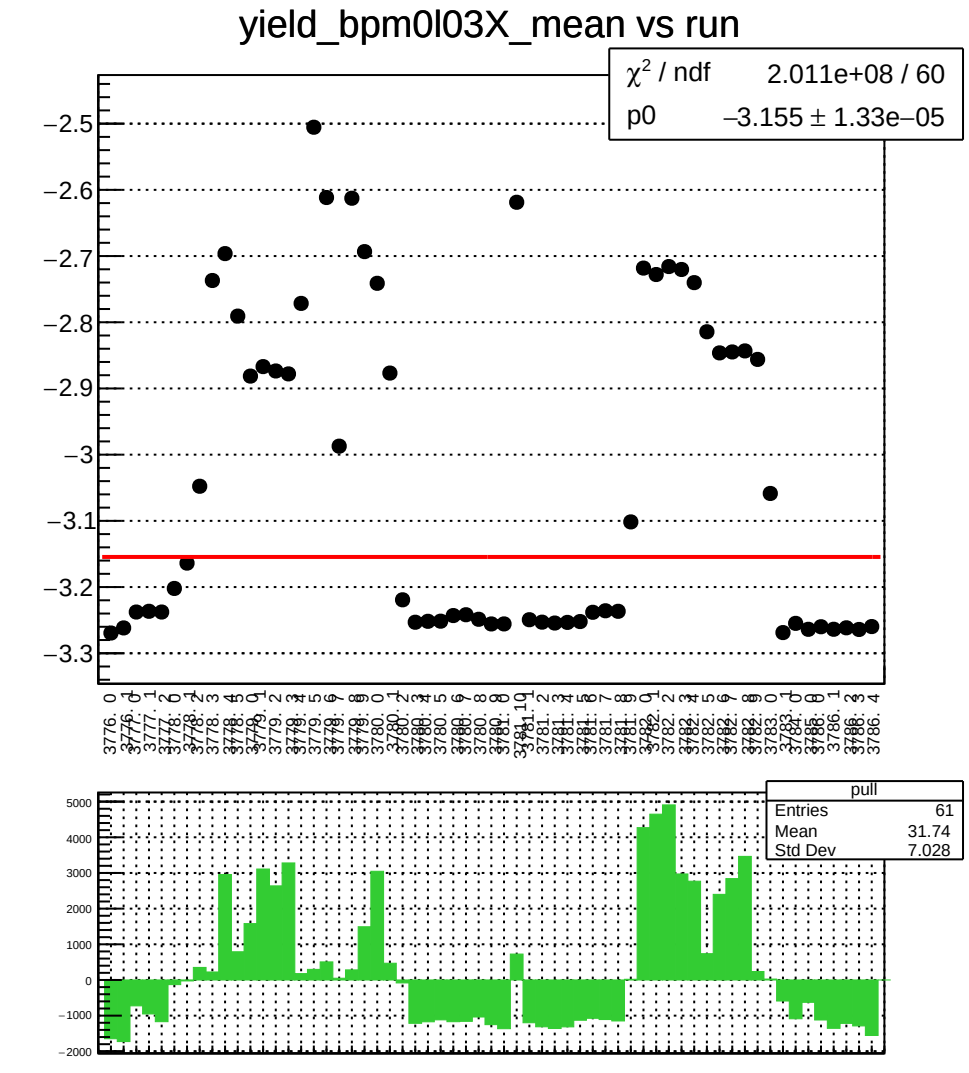

pull1D
Entries 61
Mean −0.8019
Std Dev 5.579

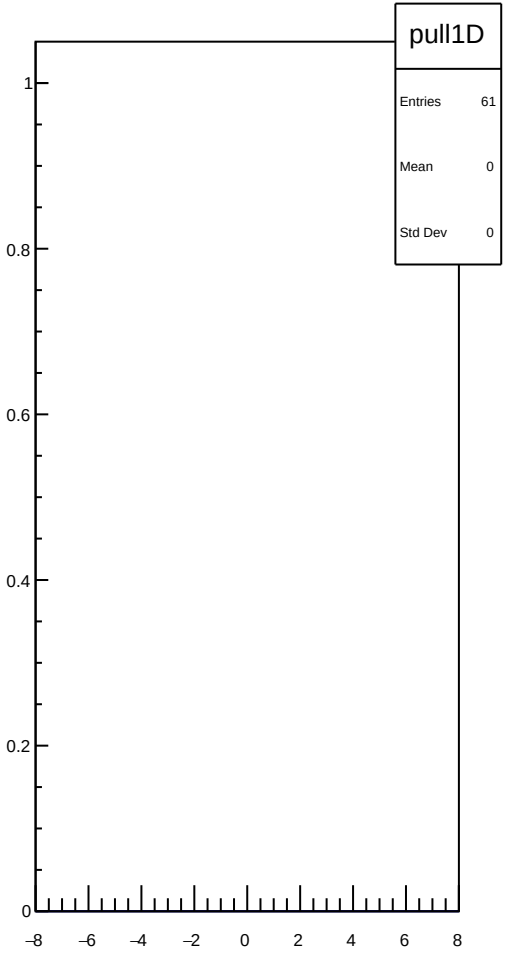

yield_bpm0l02X_rms vs run
χ² / ndf 4.16e+04 / 60
p0 0.02242 ± 2.07e−05
0.08
0.07
0.06
0.05
0.04
0.03
0.02

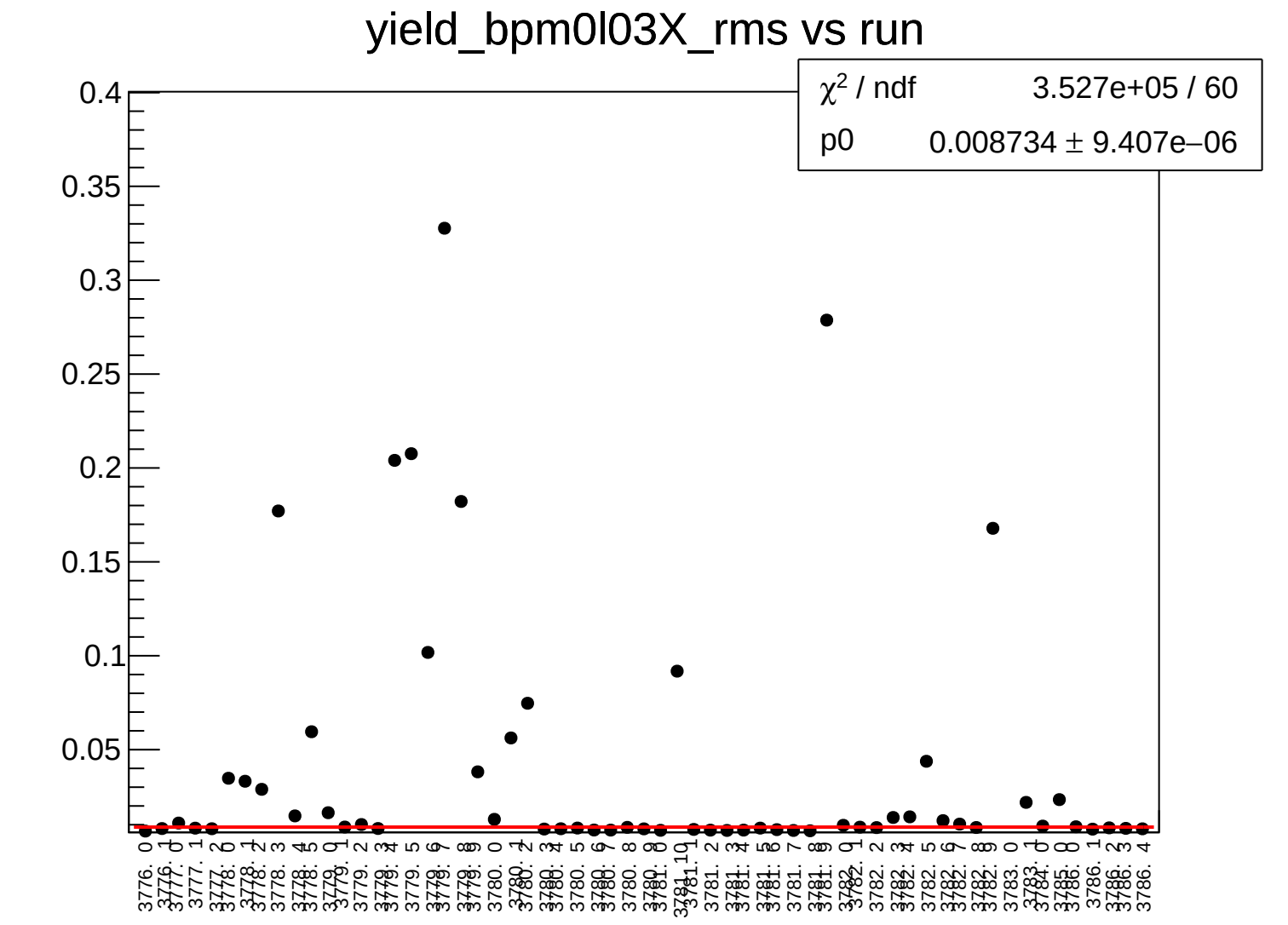

yield_bpm0l02Y_mean vs run
χ² / ndf 1.249e+06 / 60
p0 0.2065 ± 1.779e−05
pull
Entries 61
Mean −1115
Std Dev 1147

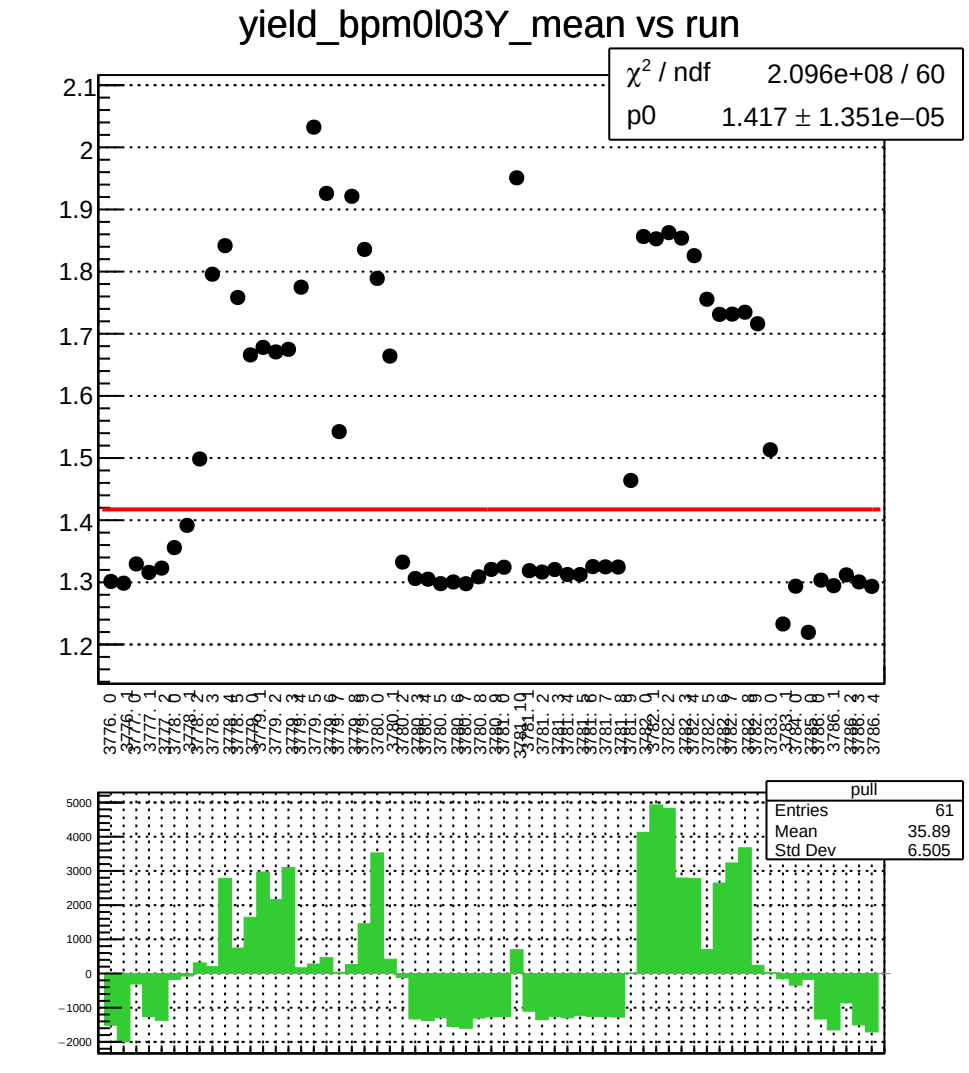

pull1D
Entries 61
Mean 0
Std Dev 0

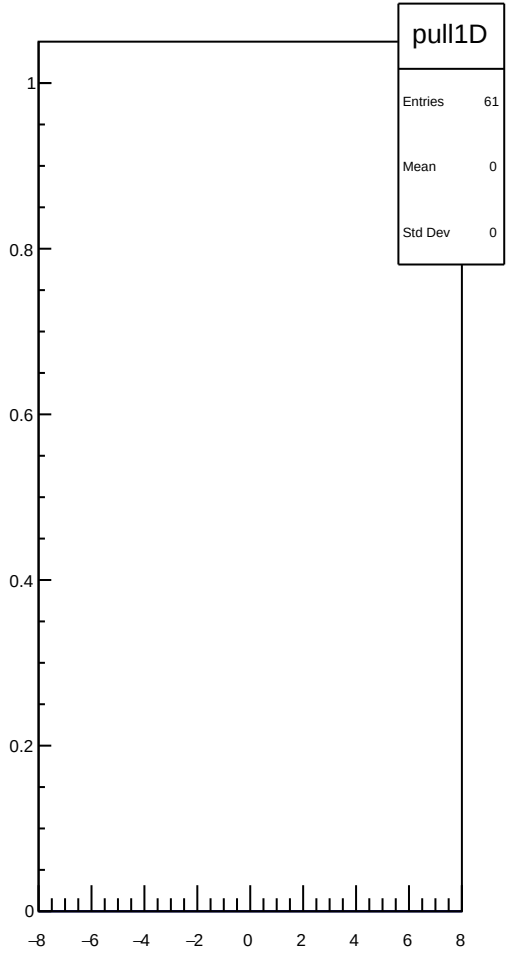

yield_bpm0l02Y_rms vs run
χ² / ndf 7.718e+04 / 60
p0 0.01342 ± 1.258e−05
0.14
0.12
0.1
0.08
0.06
0.04
0.02

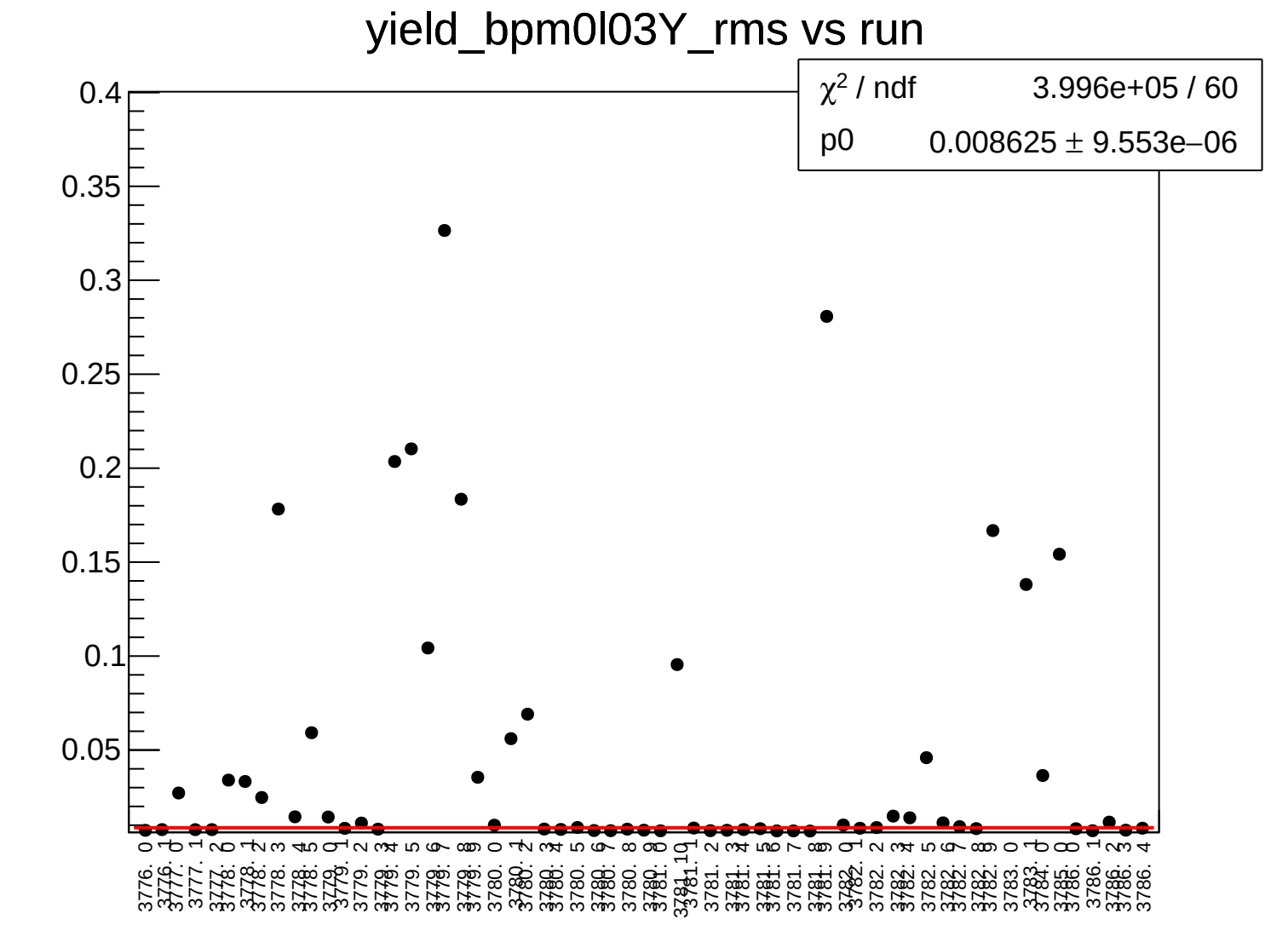

yield_bpm0l03X_mean vs run
χ² / ndf 2.011e+08 / 60
p0 −3.155 ± 1.33e−05
pull
Entries 61
Mean 31.74
Std Dev 7.028

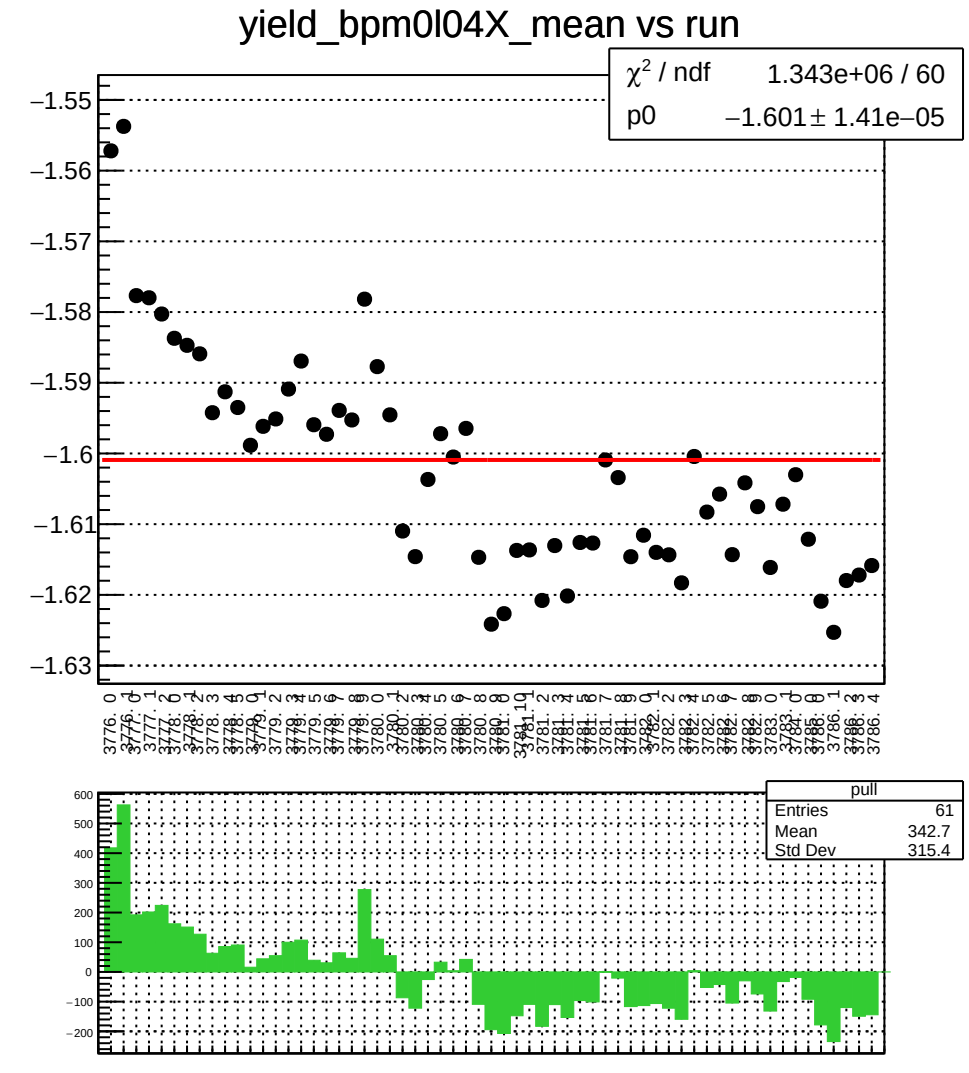

pull1D
Entries 61
Mean 0
Std Dev 0

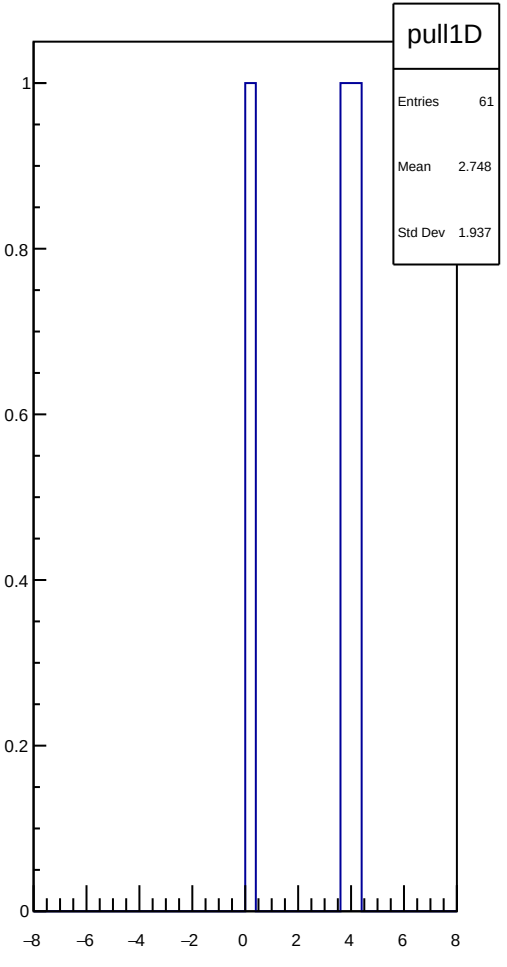

yield_bpm0l03X_rms vs run
χ² / ndf 3.527e+05 / 60
p0 0.008734 ± 9.407e−06
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05

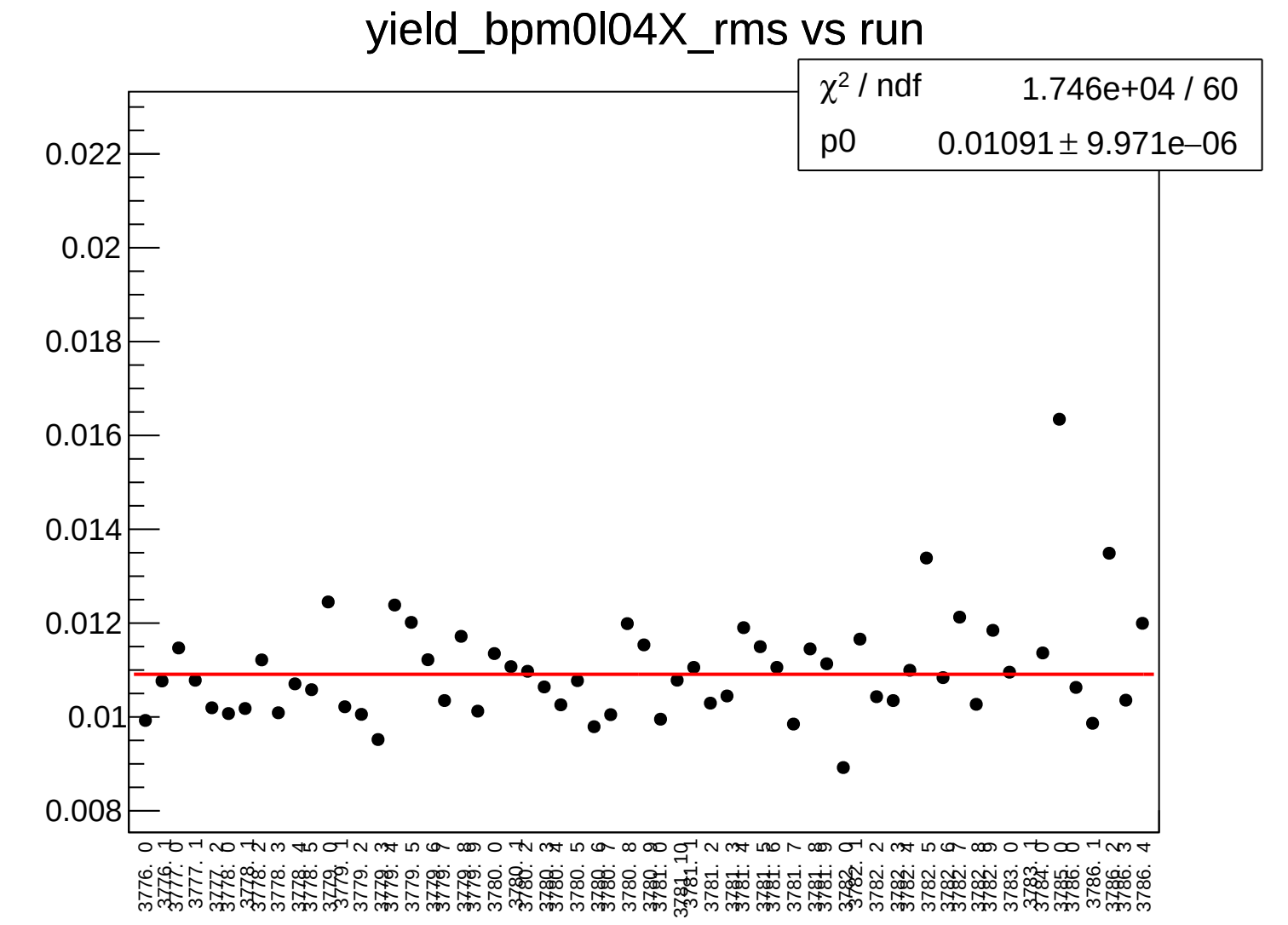

yield_bpm0l03Y_mean vs run
χ² / ndf 2.096e+08 / 60
p0 1.417 ± 1.351e−05
pull
Entries 61
Mean 35.89
Std Dev 6.505

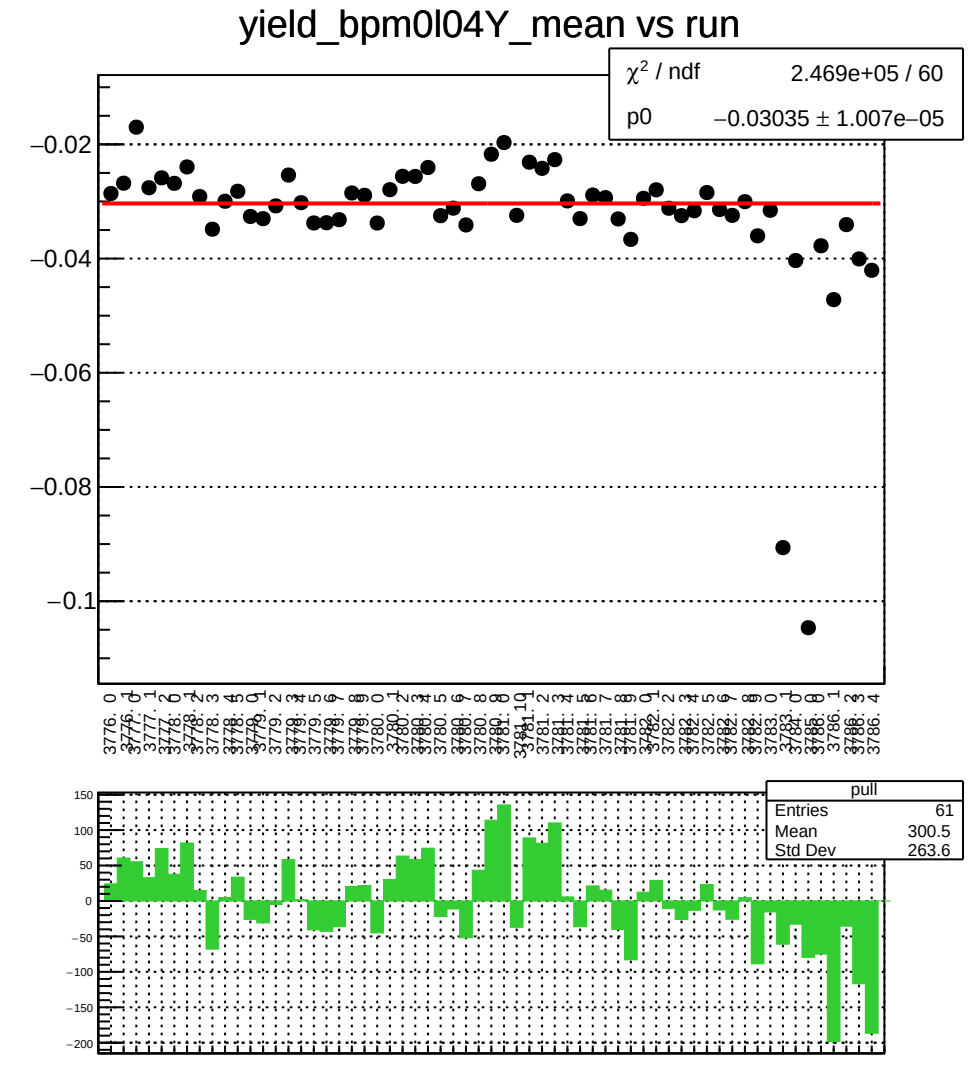

pull1D
Entries 61
Mean 0
Std Dev 0

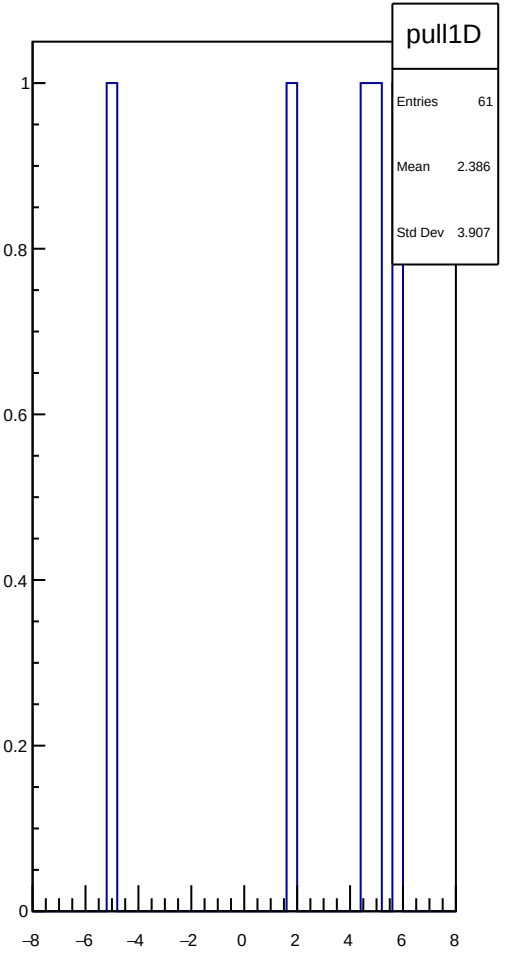

yield_bpm0l03Y_rms vs run
χ² / ndf 3.996e+05 / 60
p0 0.008625 ± 9.553e−06
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05

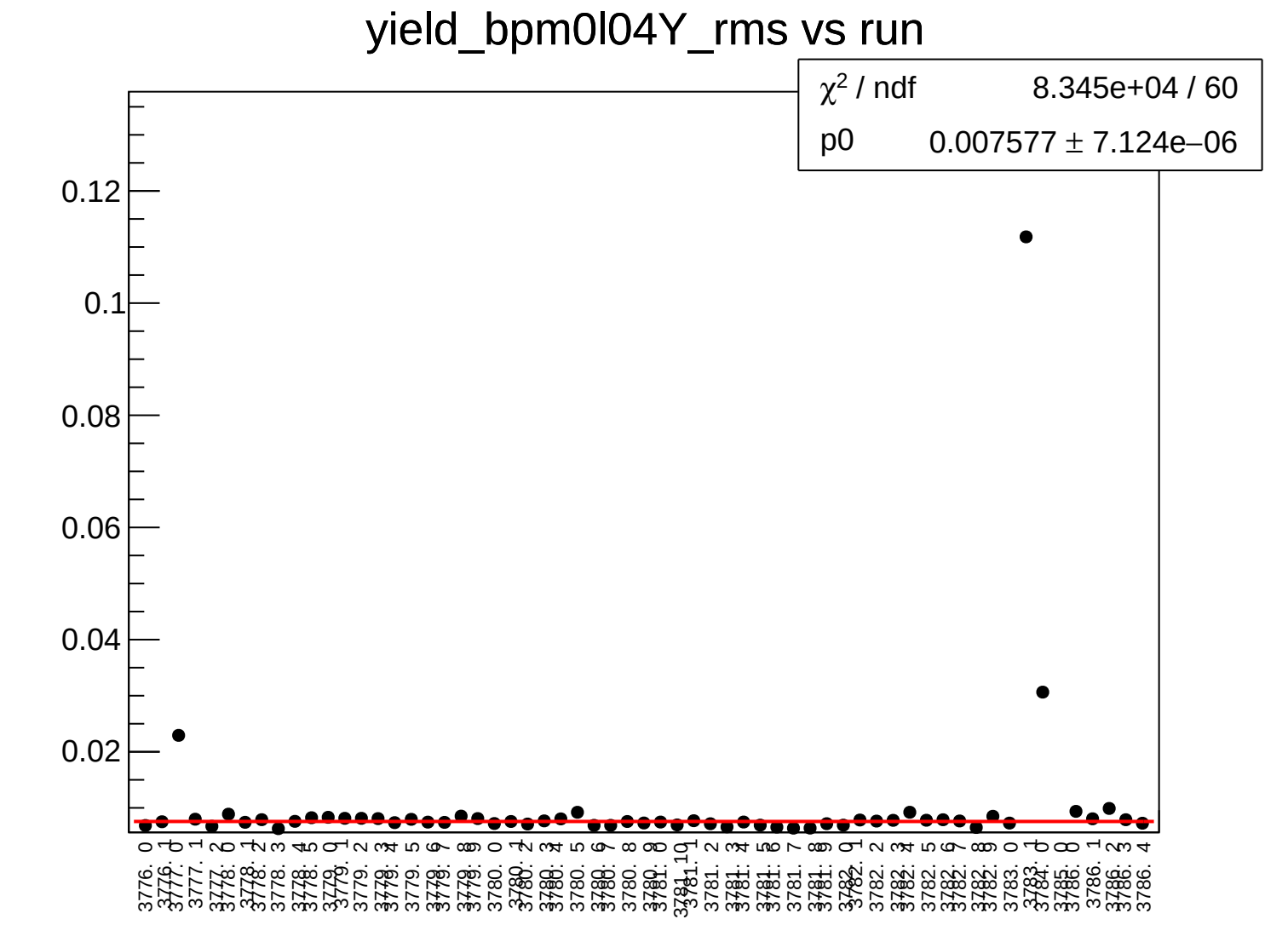

yield_bpm0l04X_mean vs run
χ² / ndf 1.343e+06 / 60
p0 −1.601 ± 1.41e−05
pull
Entries 61
Mean 342.7
Std Dev 315.4

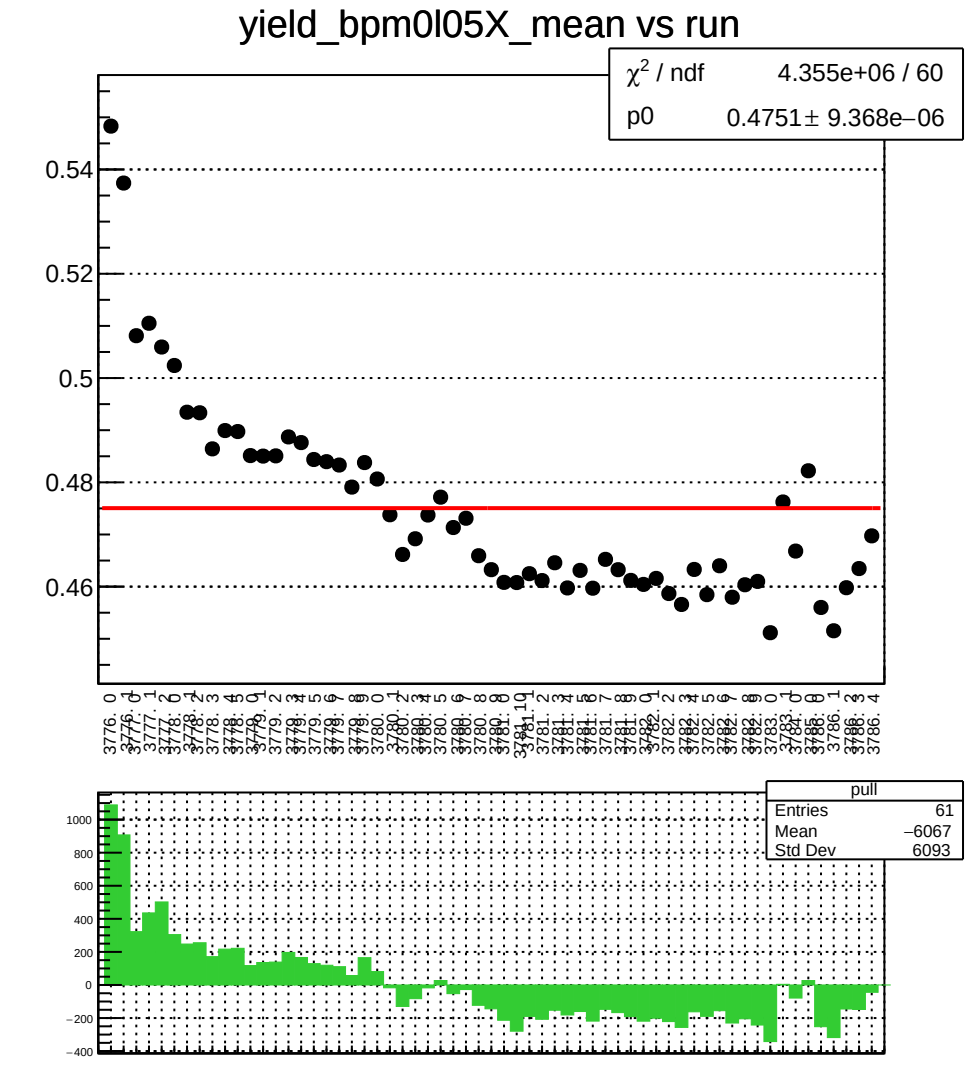

pull1D
Entries 61
Mean 2.748
Std Dev 1.937

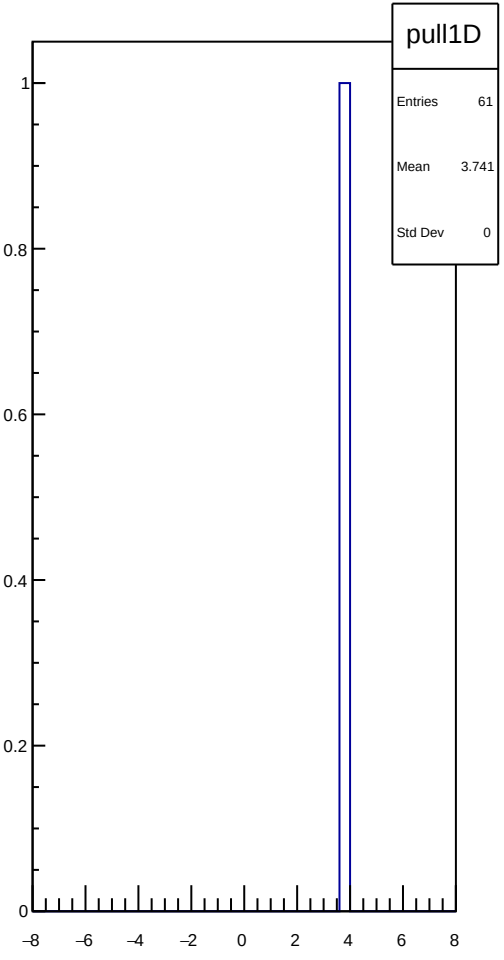

yield_bpm0l04X_rms vs run
χ² / ndf 1.746e+04 / 60
p0 0.01091 ± 9.971e–06
0.022
0.02
0.018
0.016
0.014
0.012
0.01
0.008

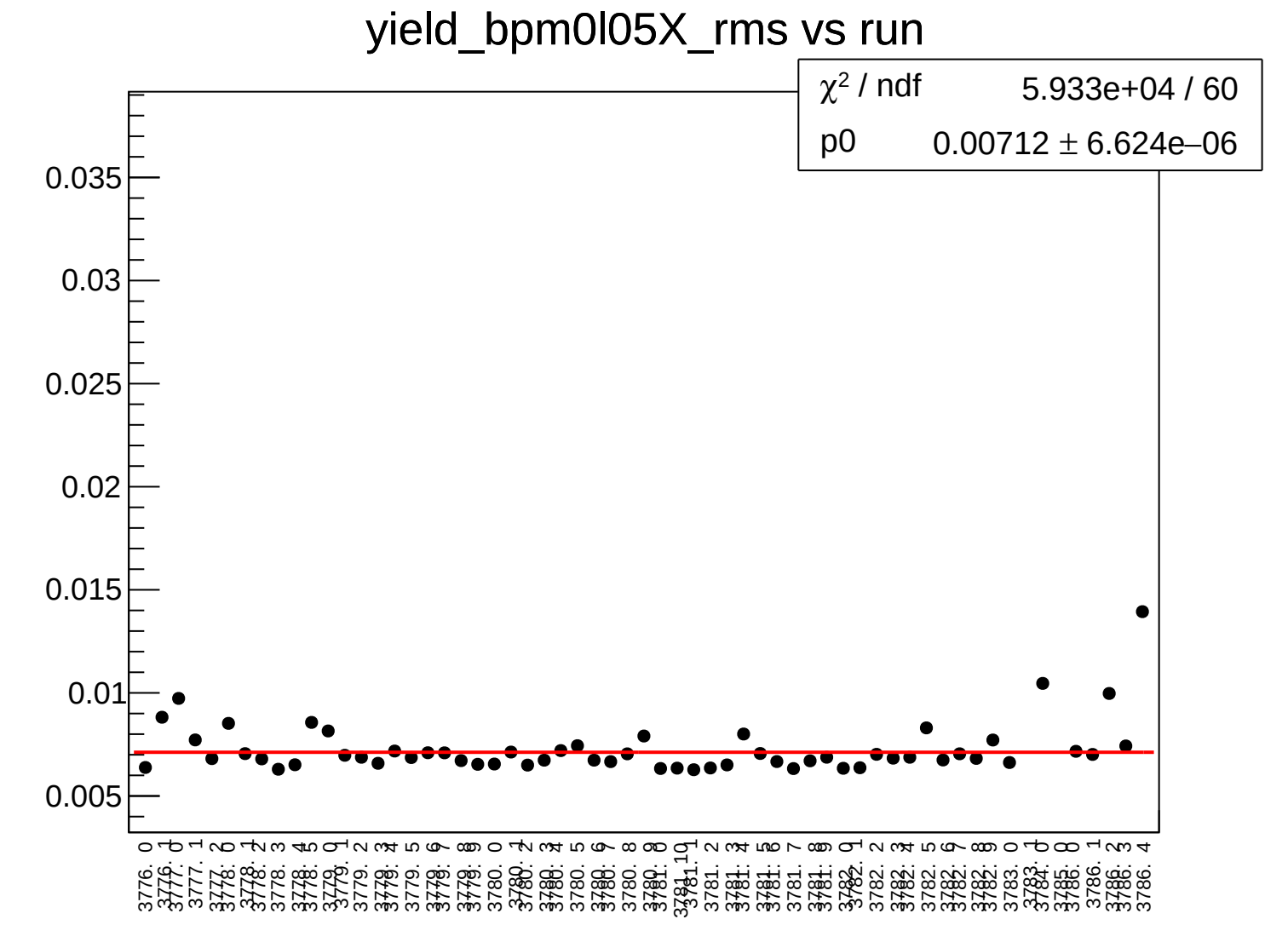

yield_bpm0l04Y_mean vs run
χ² / ndf 2.469e+05 / 60
p0 −0.03035 ± 1.007e−05
−0.02
−0.04
−0.06
−0.08
−0.1
pull
Entries 61
Mean 300.5
Std Dev 263.6
150
100
50
0
−50
−100
−150
−200

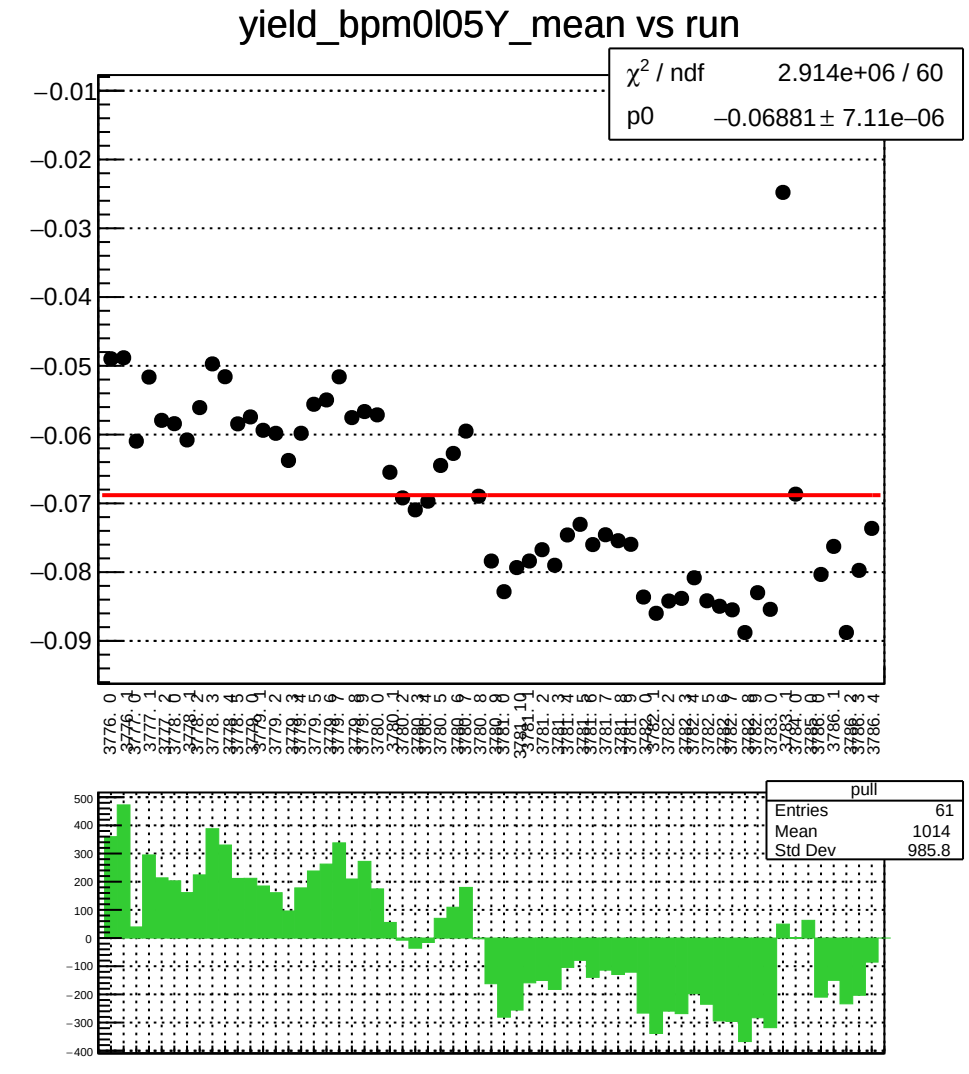

pull1D
Entries 61
Mean 2.386
Std Dev 3.907
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

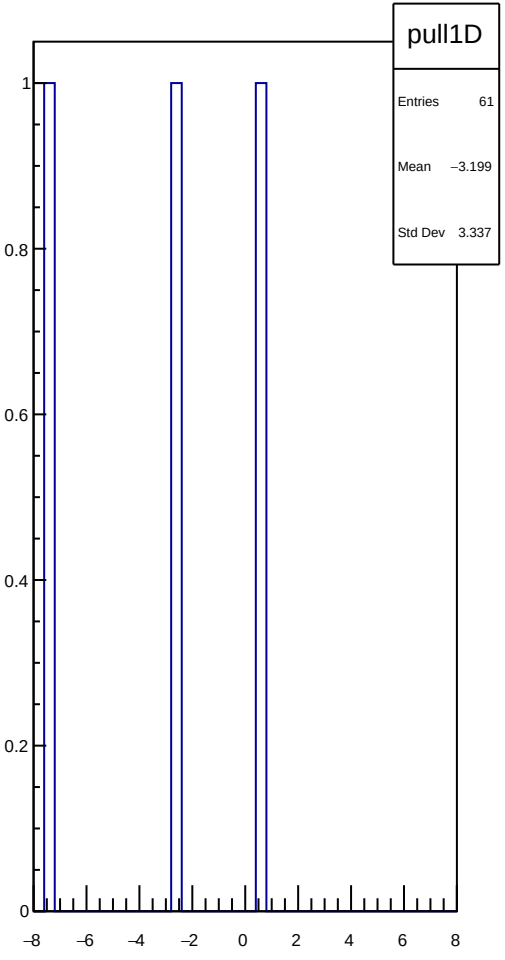

yield_bpm0l04Y_rms vs run
χ² / ndf 8.345e+04 / 60
p0 0.007577 ± 7.124e−06
0.12
0.1
0.08
0.06
0.04
0.02

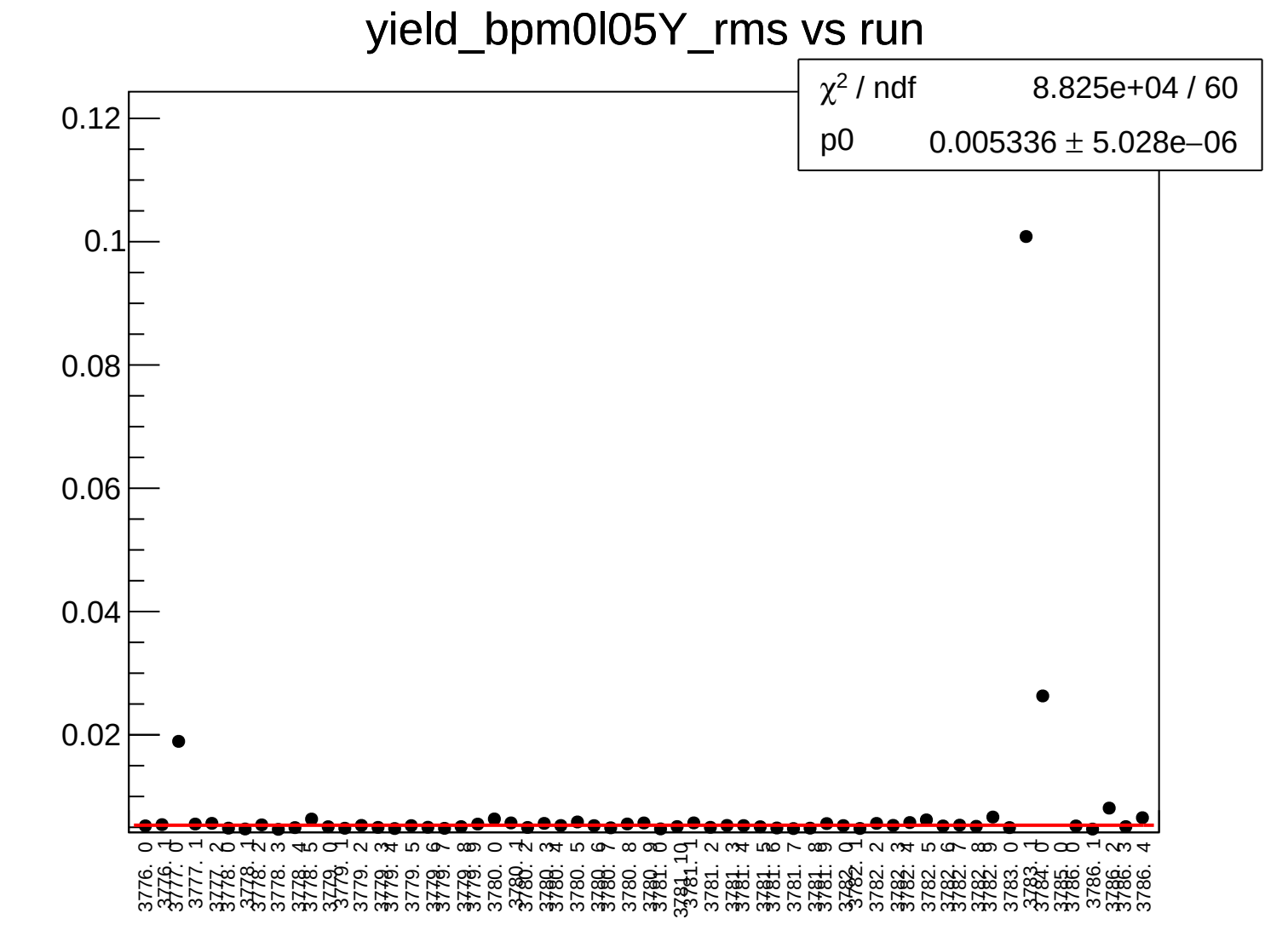

yield_bpm0l05X_mean vs run
χ² / ndf 4.355e+06 / 60
p0 0.4751 ± 9.368e−06
0.54
0.52
0.5
0.48
0.46
pull
Entries 61
Mean −6067
Std Dev 6093
1000
800
600
400
200
0
−200
−400

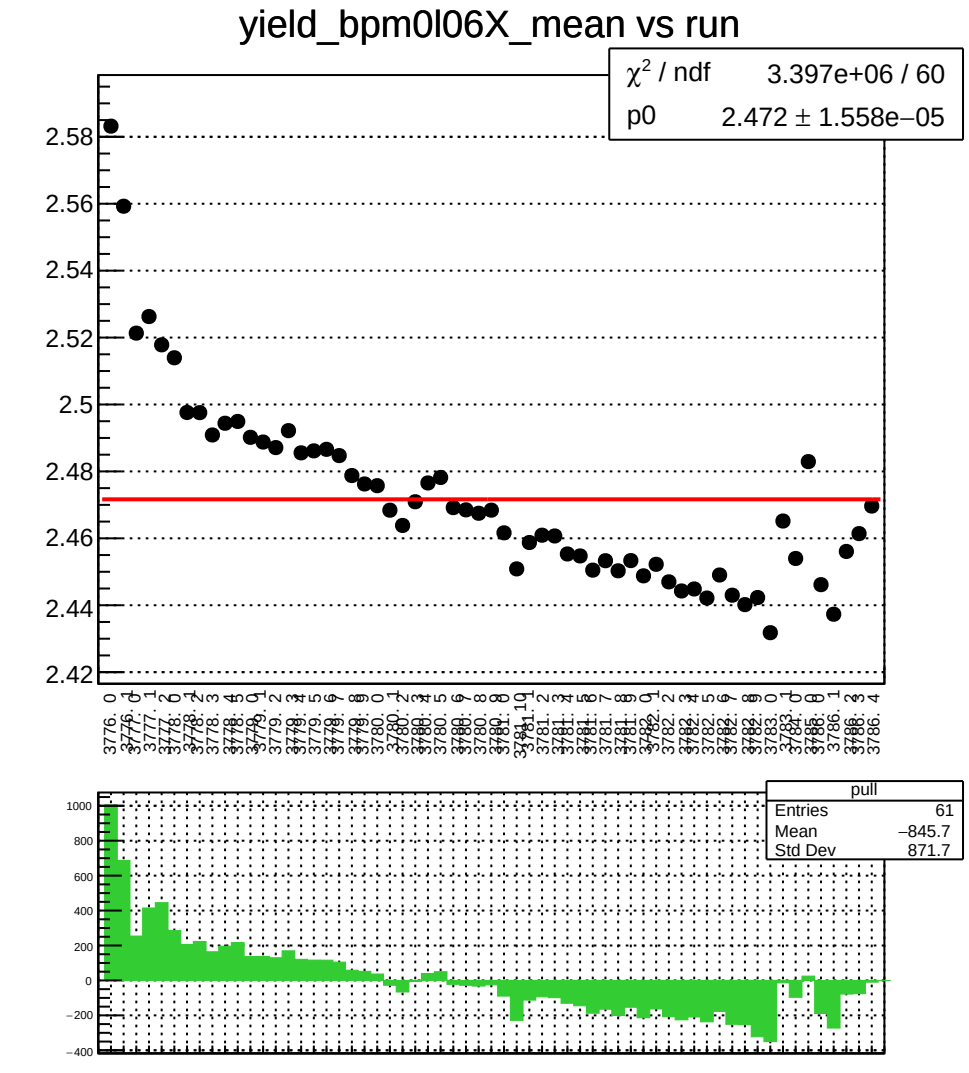

pull1D
Entries 61
Mean 3.741
Std Dev 0
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

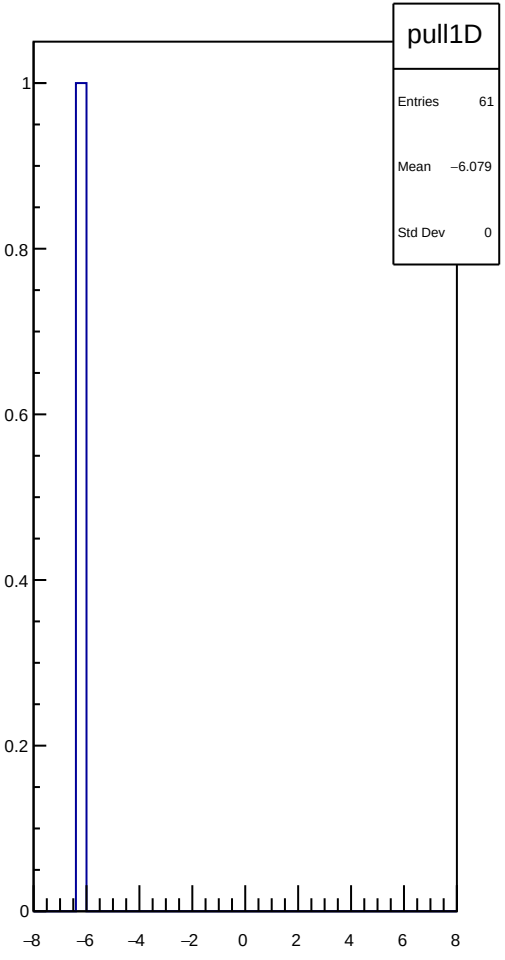

yield_bpm0l05X_rms vs run
χ² / ndf 5.933e+04 / 60
p0 0.00712 ± 6.624e–06
0.035
0.03
0.025
0.02
0.015
0.01
0.005
3776. 0
3776. 1
3776. 6
3777. 1
3777. 2
3778. 0
3778. 1
3778. 2
3778. 3
3778. 4
3778. 5
3779. 0
3779. 1
3779. 2
3779. 3
3779. 4
3779. 5
3779. 6
3779. 7
3779. 8
3779. 9
3780. 0
3780. 1
3780. 2
3780. 3
3780. 4
3780. 5
3780. 6
3780. 7
3780. 8
3780. 9
3781. 0
3781. 1
3781. 2
3781. 3
3781. 4
3781. 5
3781. 6
3781. 7
3781. 8
3781. 9
3782. 0
3782. 1
3782. 2
3782. 3
3782. 4
3782. 5
3782. 6
3782. 7
3782. 8
3782. 9
3783. 0
3783. 1
3784. 0
3785. 0
3786. 1
3786. 2
3786. 3
3786. 4

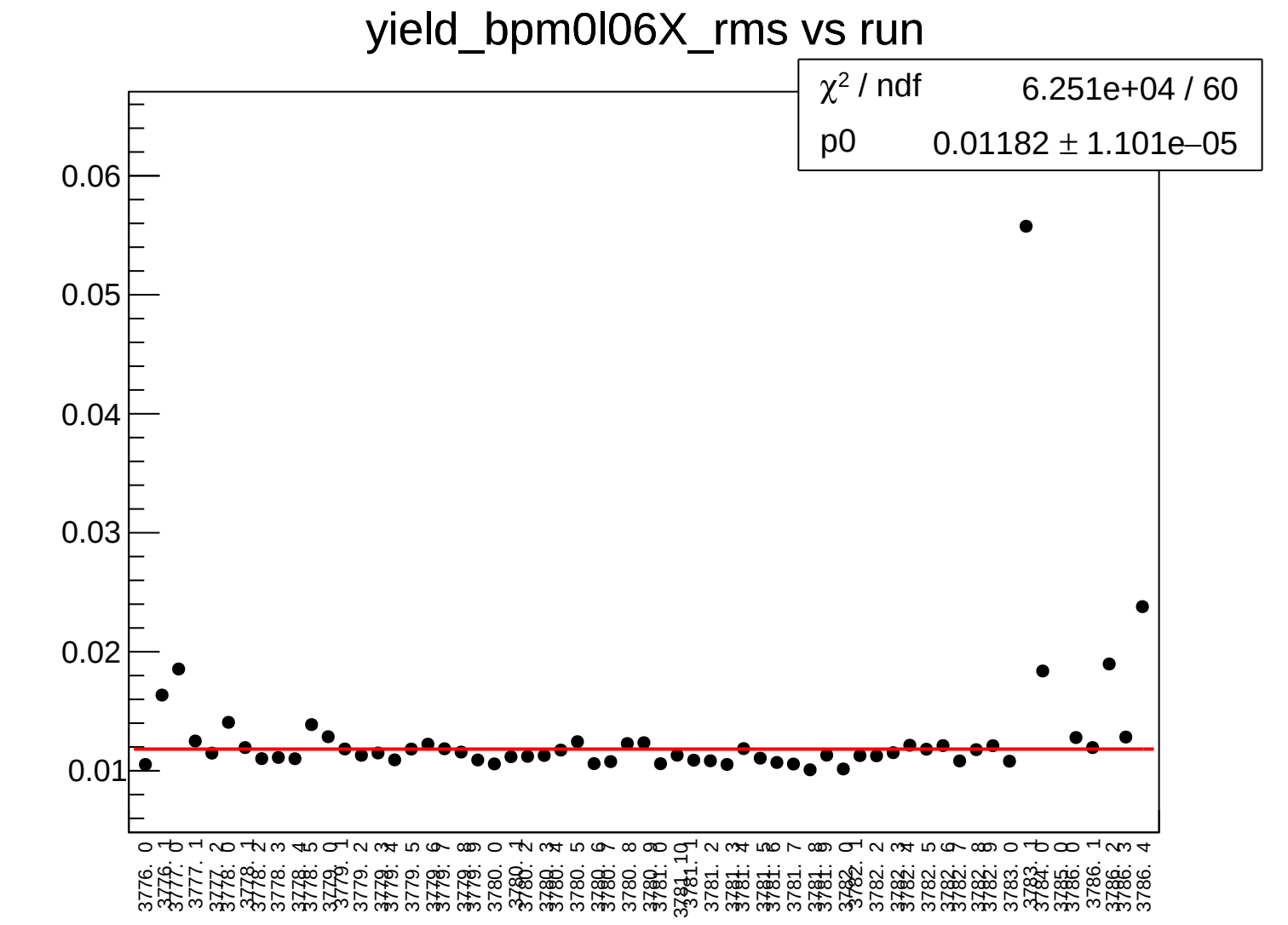

yield_bpm0l05Y_mean vs run
χ² / ndf 2.914e+06 / 60
p0 −0.06881 ± 7.11e−06
pull
Entries 61
Mean 1014
Std Dev 985.8

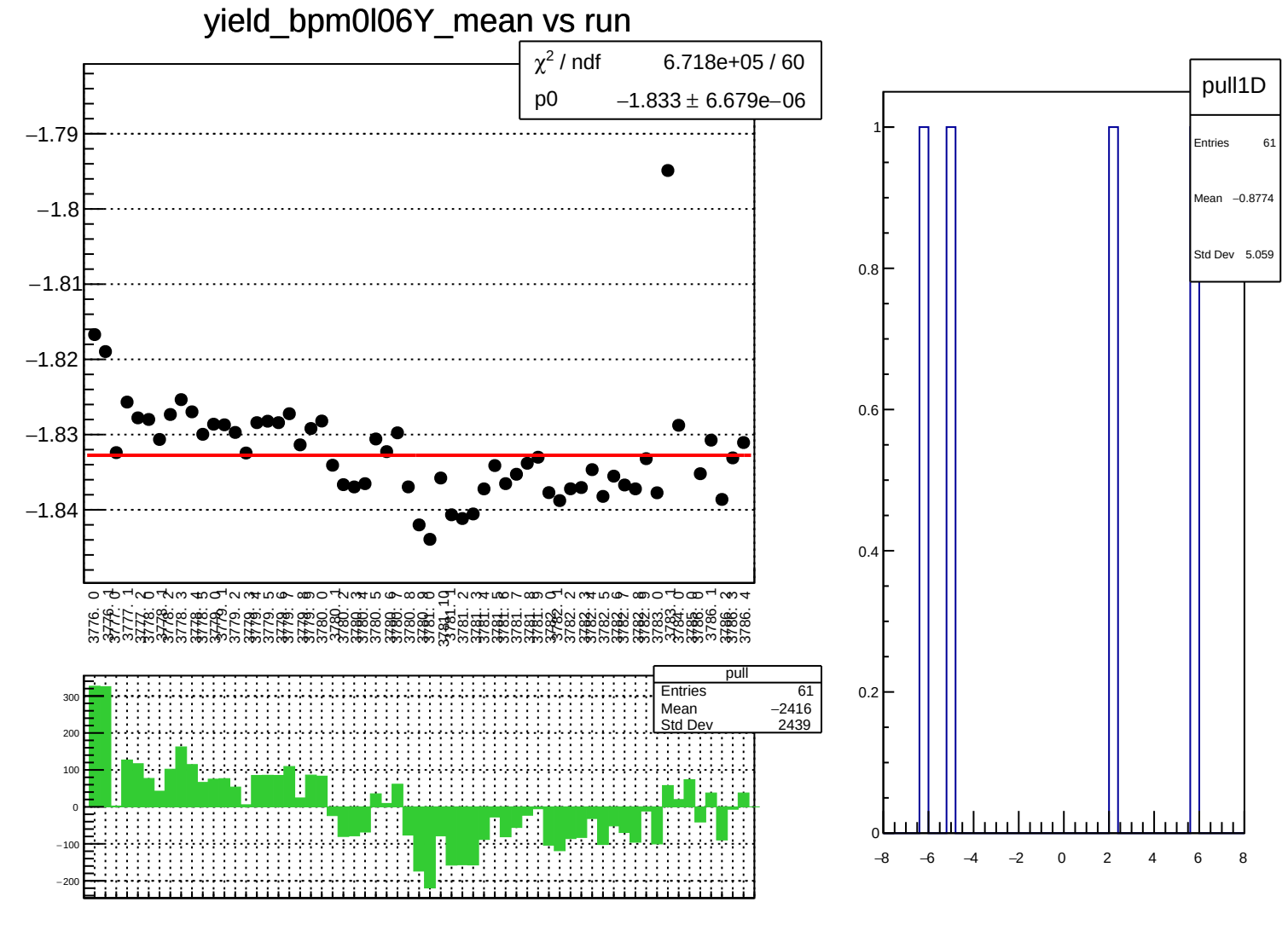

pull1D
Entries 61
Mean −3.199
Std Dev 3.337

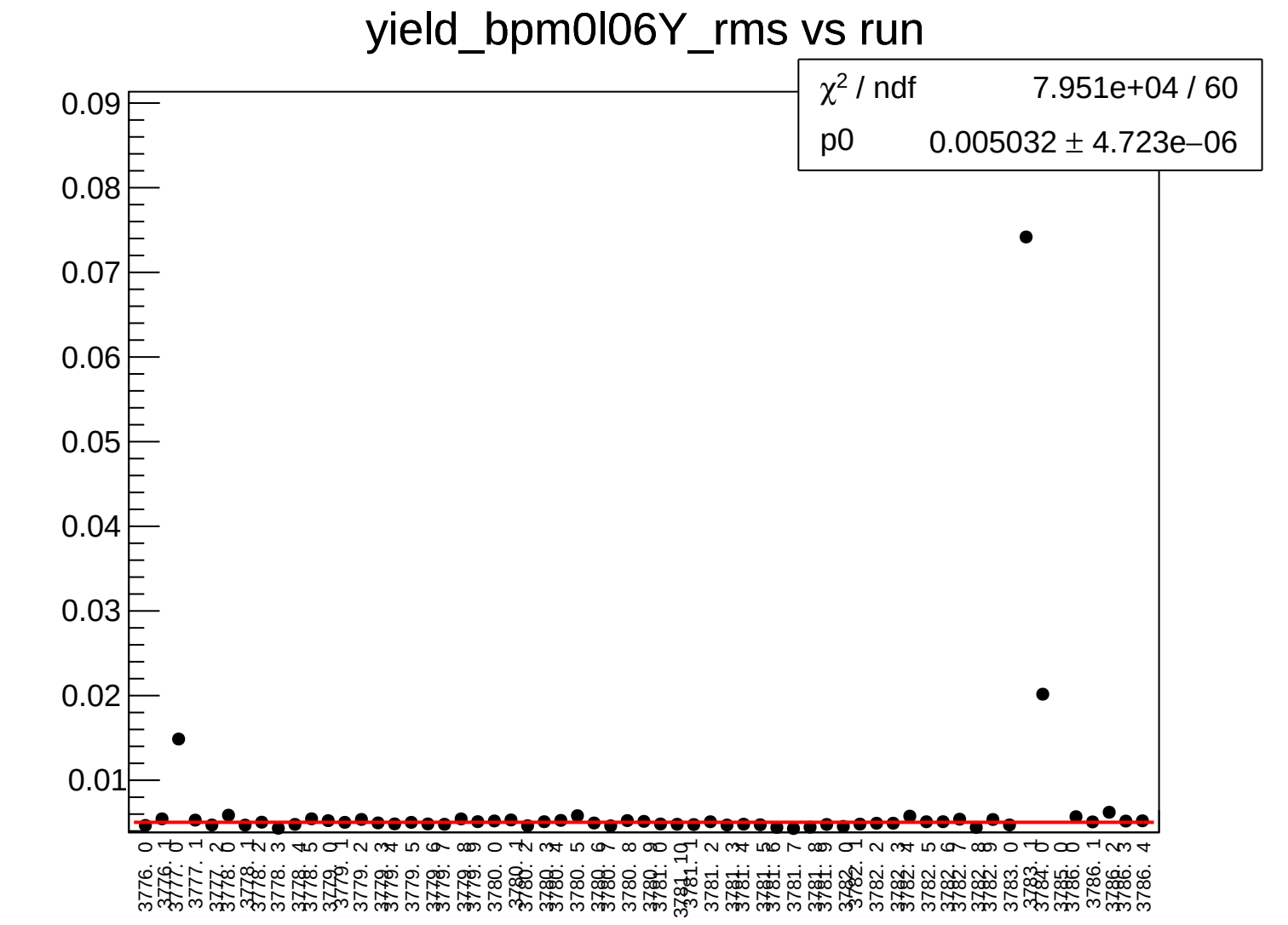

yield_bpm0l05Y_rms vs run
χ² / ndf 8.825e+04 / 60
p0 0.005336 ± 5.028e−06
0.12
0.1
0.08
0.06
0.04
0.02

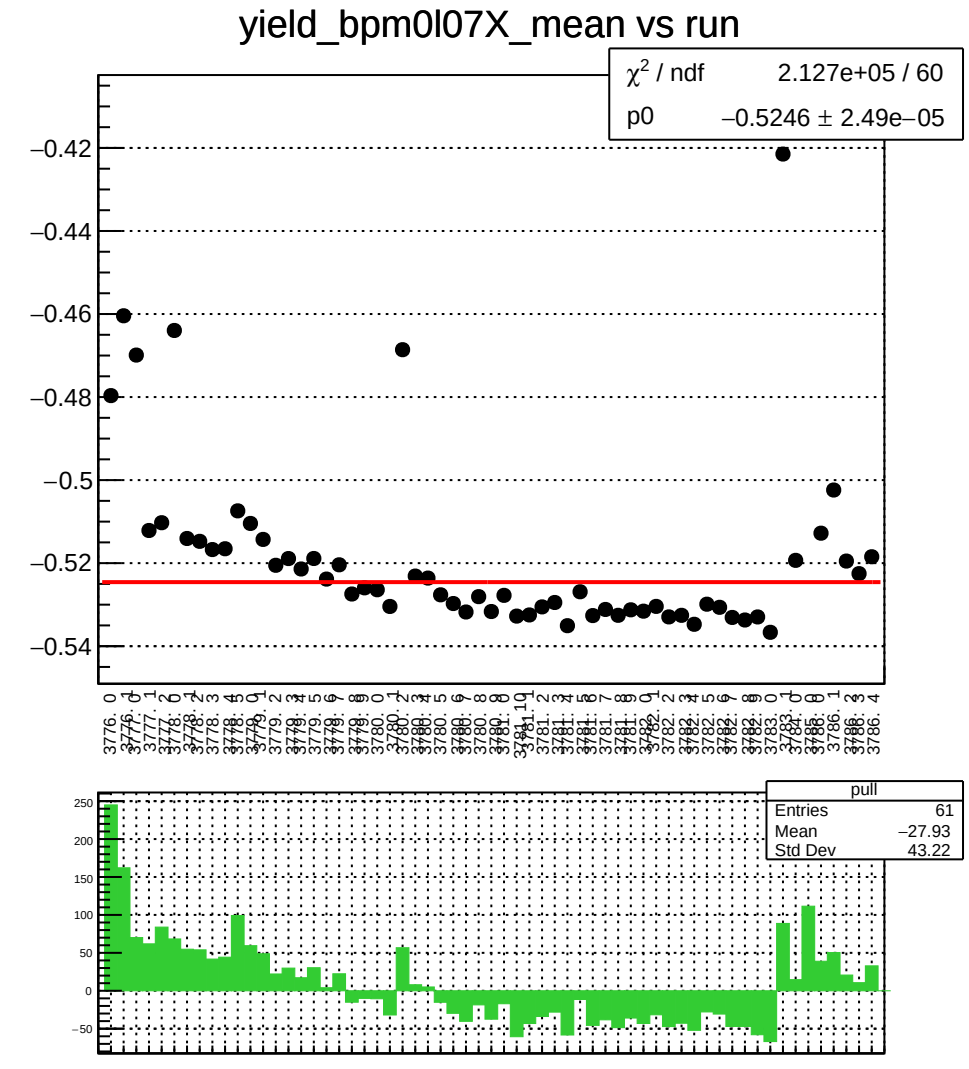

yield_bpm0l06X_mean vs run
χ² / ndf 3.397e+06 / 60
p0 2.472 ± 1.558e−05
pull
Entries 61
Mean −845.7
Std Dev 871.7

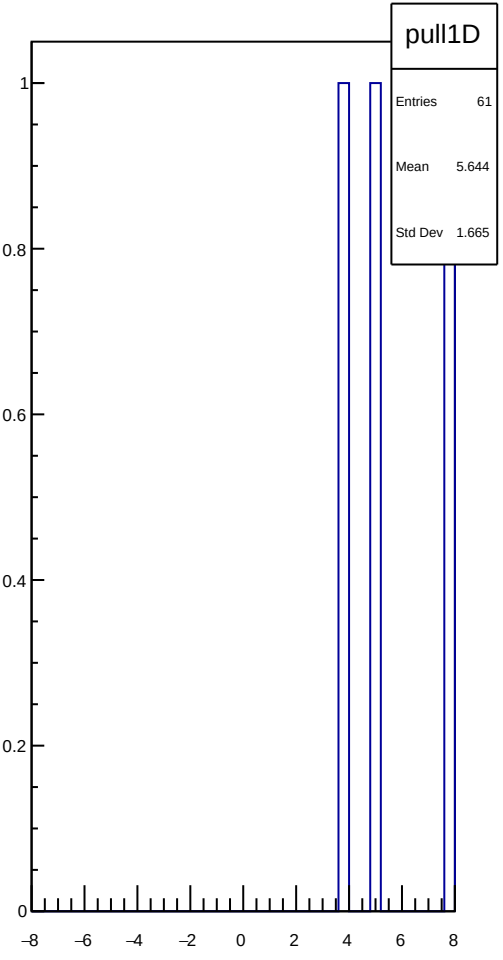

pull1D
Entries 61
Mean −6.079
Std Dev 0

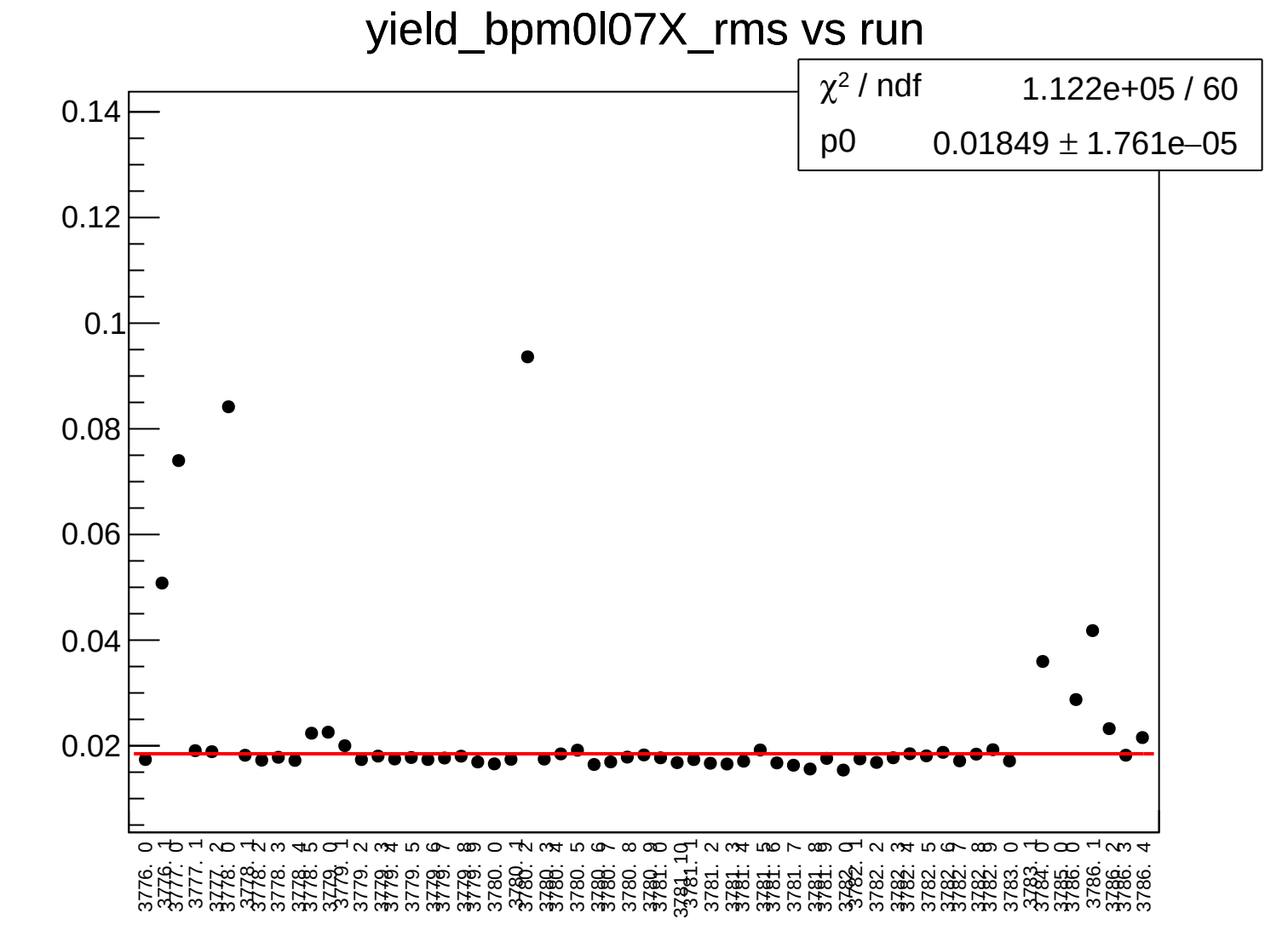

yield_bpm0l06X_rms vs run
χ² / ndf 6.251e+04 / 60
p0 0.01182 ± 1.101e−05
0.06
0.05
0.04
0.03
0.02
0.01
3776. 0
3776. 1
3777. 0
3777. 1
3777. 2
3778. 0
3778. 1
3778. 2
3778. 3
3778. 4
3778. 5
3779. 0
3779. 1
3779. 2
3779. 3
3779. 4
3779. 5
3779. 6
3779. 7
3779. 8
3779. 9
3780. 0
3780. 1
3780. 2
3780. 3
3780. 4
3780. 5
3780. 6
3780. 7
3780. 8
3780. 9
3781. 0
3781. 1
3781. 2
3781. 3
3781. 4
3781. 5
3781. 6
3781. 7
3781. 8
3781. 9
3782. 0
3782. 1
3782. 2
3782. 3
3782. 4
3782. 5
3782. 6
3782. 7
3782. 8
3782. 9
3783. 0
3783. 1
3784. 0
3785. 0
3786. 0
3786. 1
3786. 2
3786. 3
3786. 4

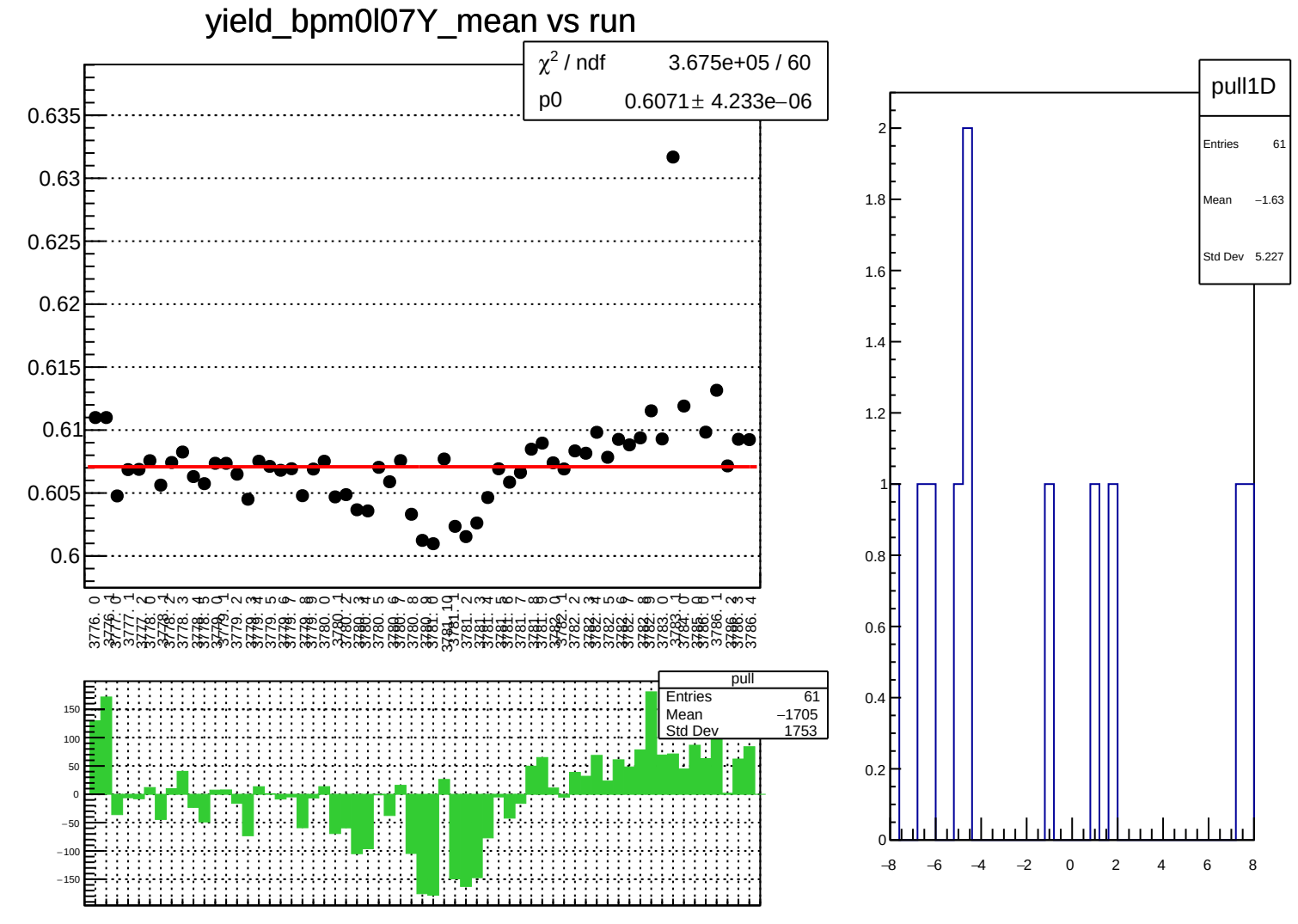

yield_bpm0l06Y_mean vs run
χ² / ndf 6.718e+05 / 60
p0 −1.833 ± 6.679e−06
−1.79
−1.8
−1.81
−1.82
−1.83
−1.84
pull
Entries 61
Mean −2416
Std Dev 2439
300
200
100
0
−100
−200
pull1D
Entries 61
Mean −0.8774
Std Dev 5.059
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

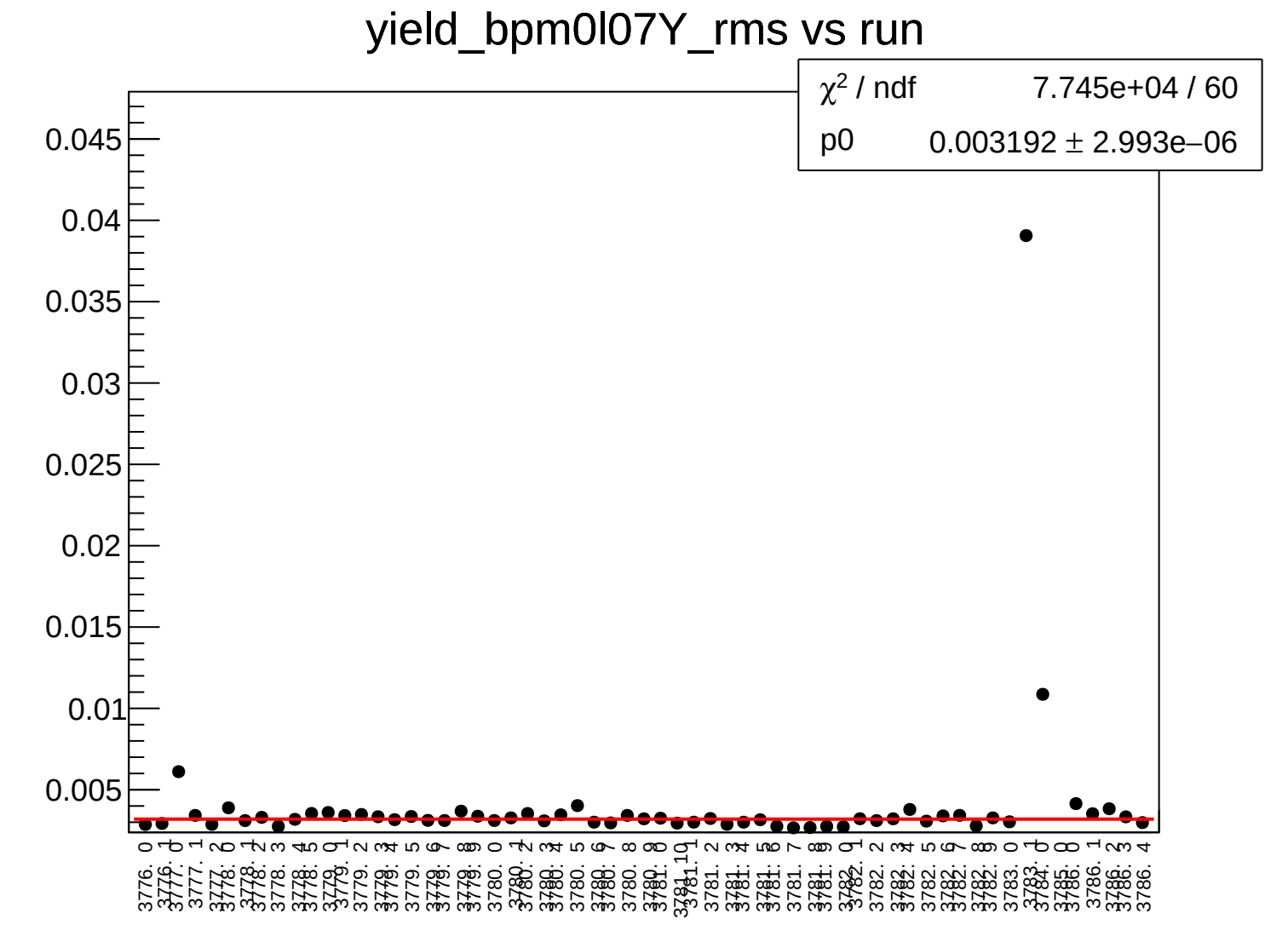

yield_bpm0l06Y_rms vs run
χ² / ndf 7.951e+04 / 60
p0 0.005032 ± 4.723e−06
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01

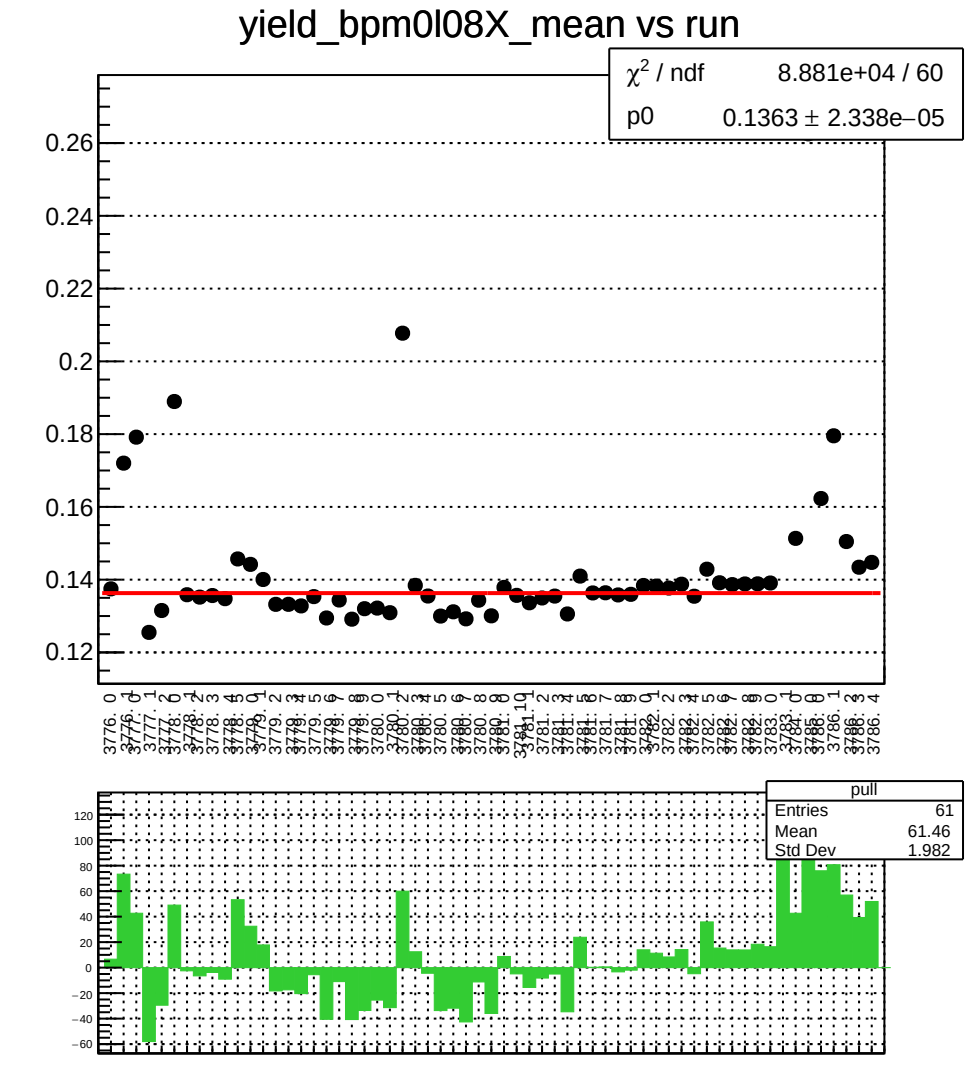

yield_bpm0l07X_mean vs run
χ² / ndf 2.127e+05 / 60
p0 −0.5246 ± 2.49e−05
−0.42
−0.44
−0.46
−0.48
−0.5
−0.52
−0.54
pull
Entries 61
Mean −27.93
Std Dev 43.22
250
200
150
100
50
0
−50

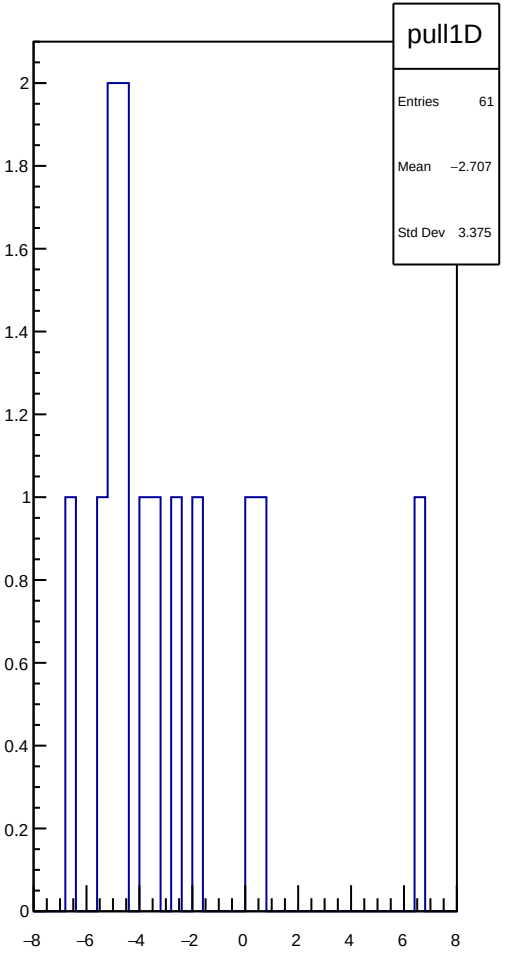

pull1D
Entries 61
Mean 5.644
Std Dev 1.665
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

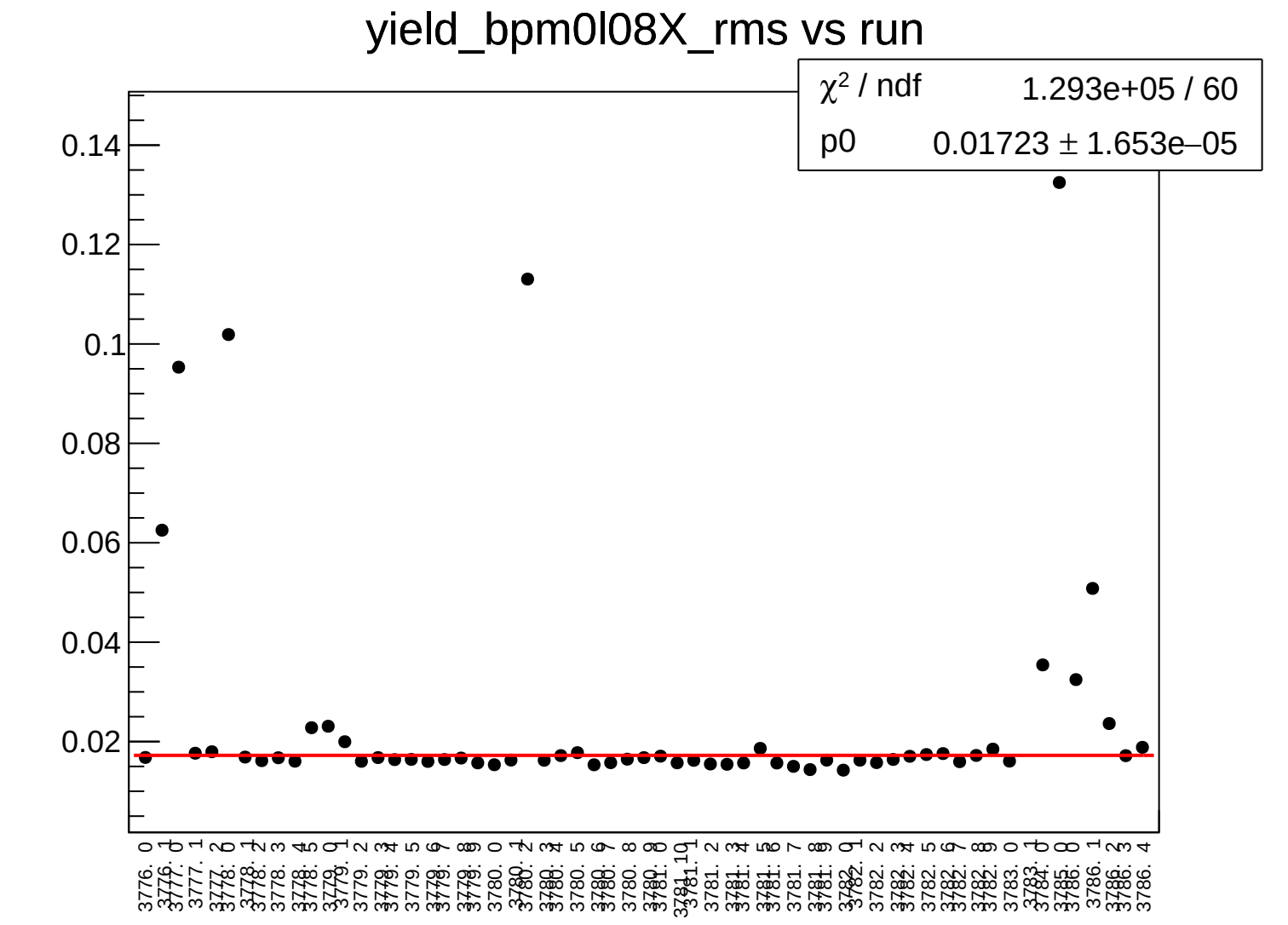

yield_bpm0l07X_rms vs run
χ² / ndf 1.122e+05 / 60
p0 0.01849 ± 1.761e−05
0.14
0.12
0.1
0.08
0.06
0.04
0.02

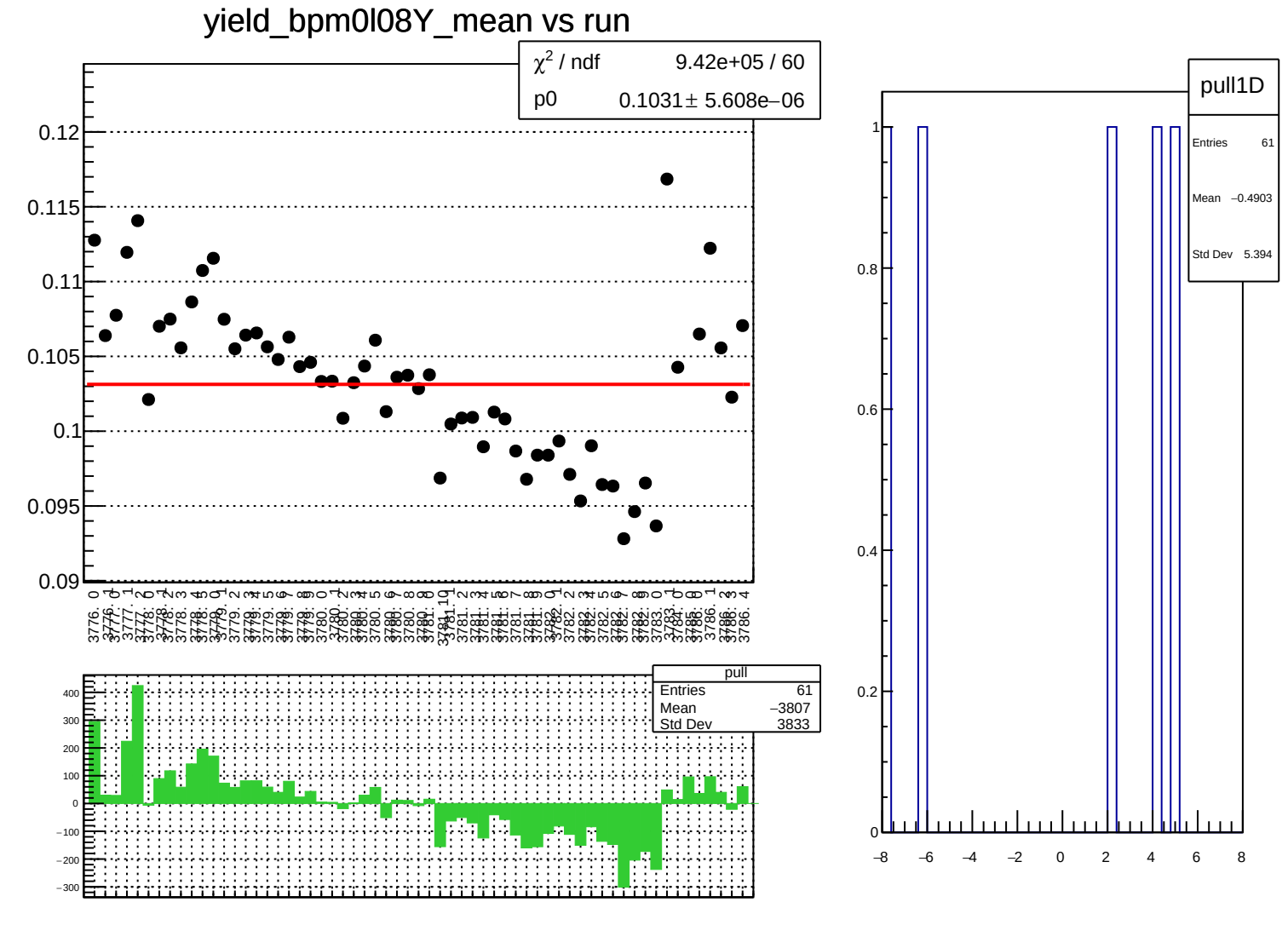

yield_bpm0l07Y_mean vs run
χ² / ndf 3.675e+05 / 60
p0 0.6071 ± 4.233e−06
pull
Entries 61
Mean −1705
Std Dev 1753
pull1D
Entries 61
Mean −1.63
Std Dev 5.227

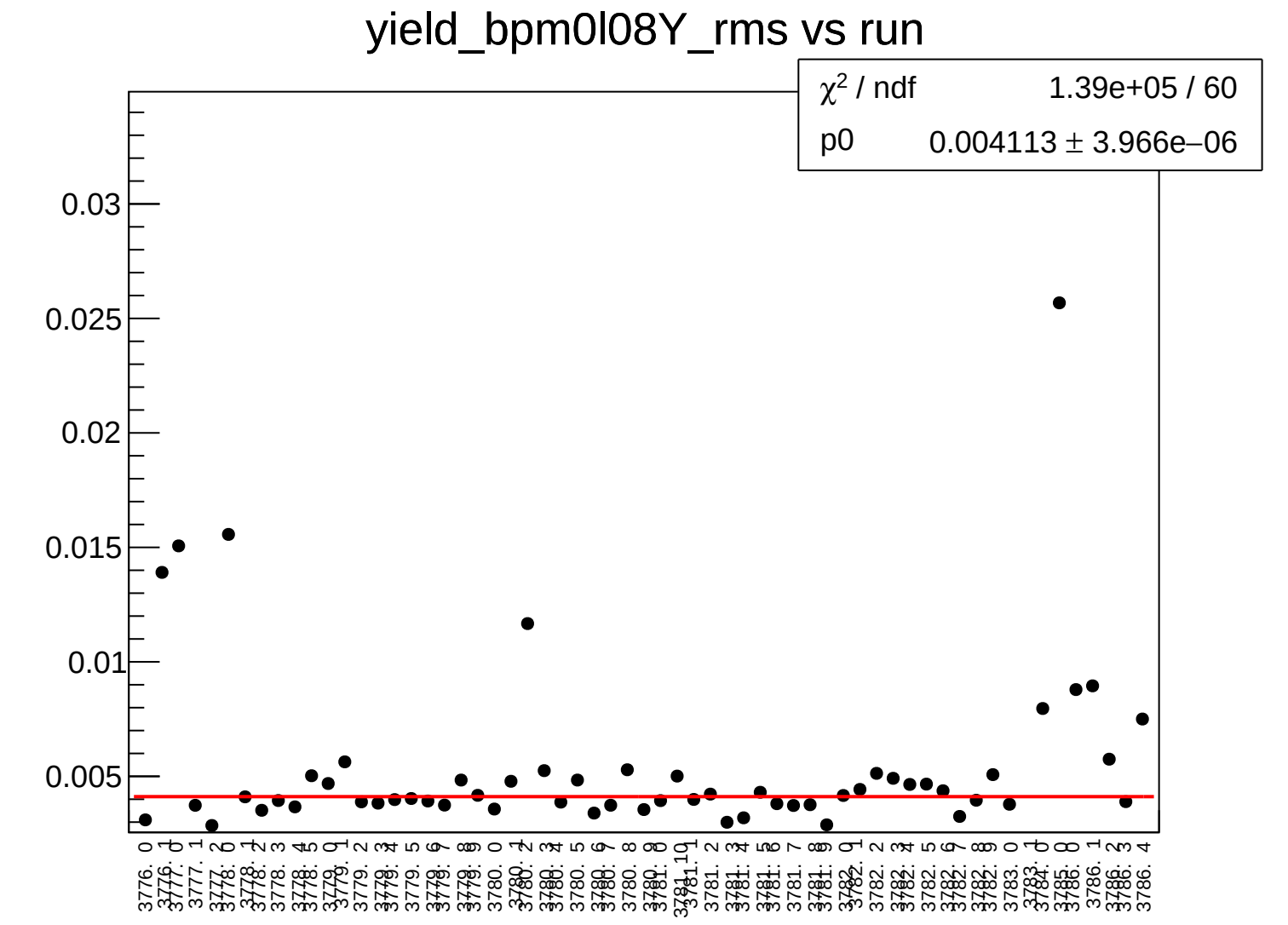

yield_bpm0l07Y_rms vs run
χ² / ndf 7.745e+04 / 60
p0 0.003192 ± 2.993e−06
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005

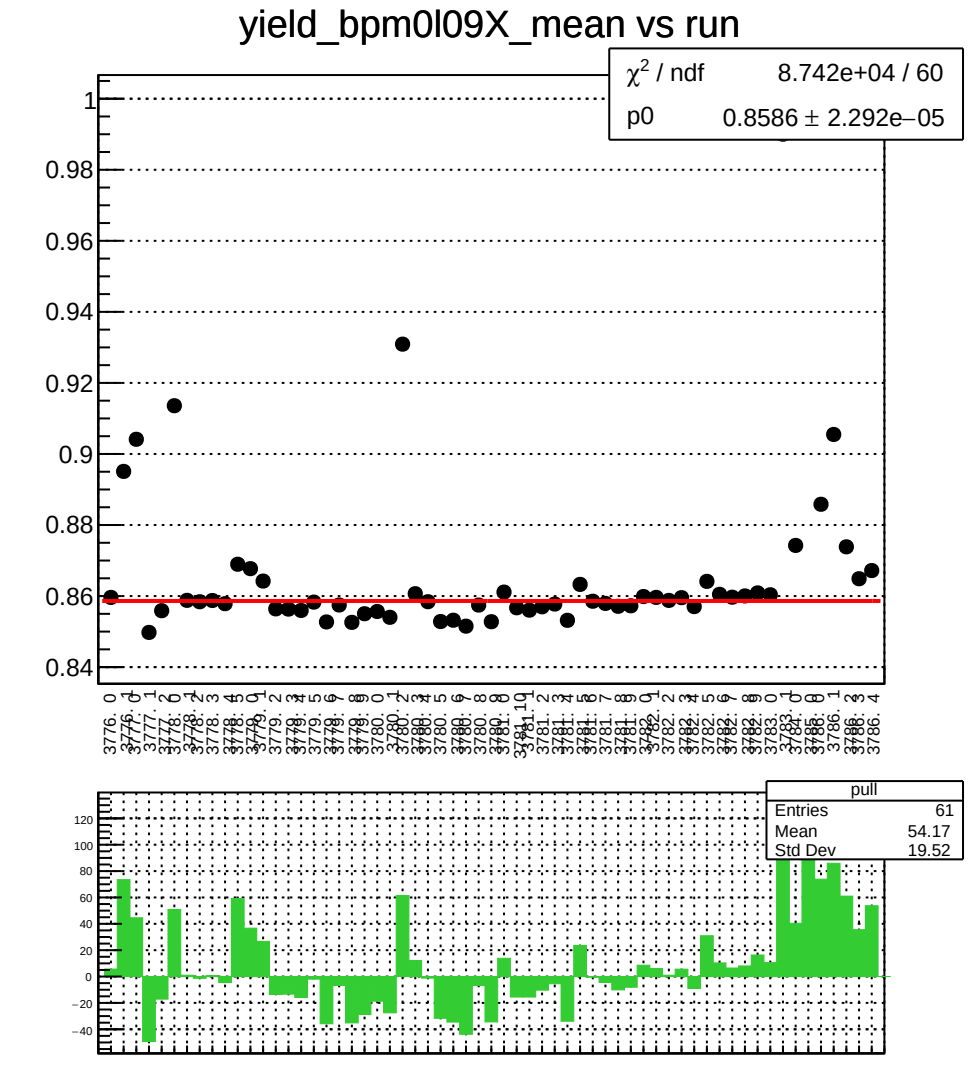

yield_bpm0l08X_mean vs run
χ² / ndf 8.881e+04 / 60
p0 0.1363 ± 2.338e−05
0.26
0.24
0.22
0.2
0.18
0.16
0.14
0.12
pull
Entries 61
Mean 61.46
Std Dev 1.982
120
100
80
60
40
20
0
−20
−40
−60

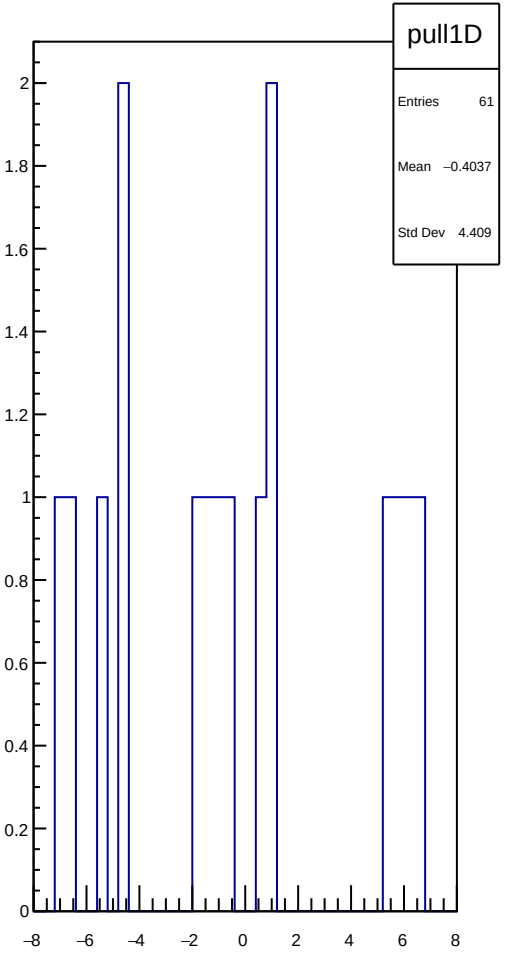

pull1D
Entries 61
Mean −2.707
Std Dev 3.375
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

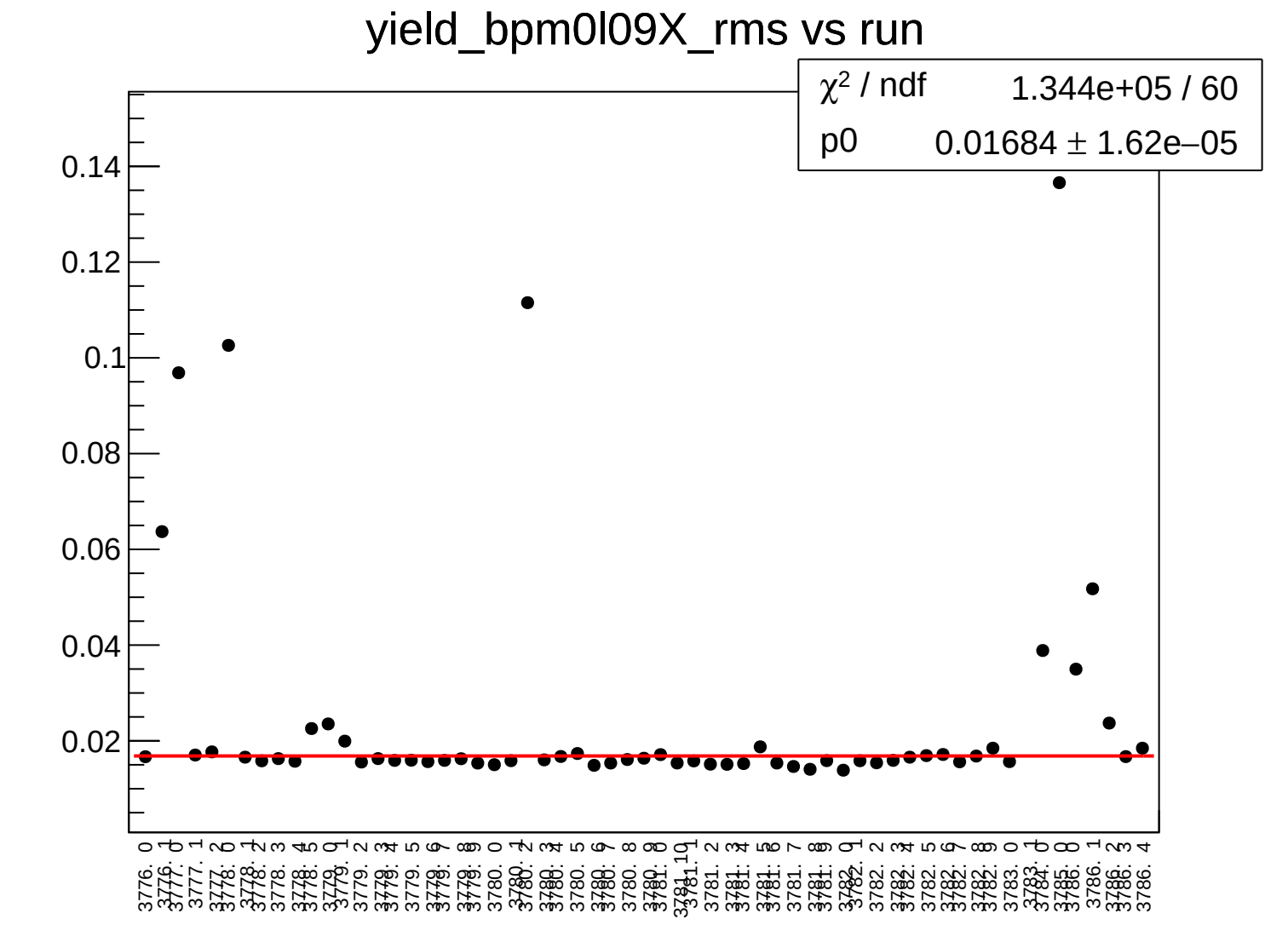

yield_bpm0l08X_rms vs run
χ² / ndf 1.293e+05 / 60
p0 0.01723 ± 1.653e–05
0.14
0.12
0.1
0.08
0.06
0.04
0.02
3776. 0
3776. 1
3776. 2
3777. 0
3777. 1
3777. 2
3778. 0
3778. 1
3778. 2
3778. 3
3778. 4
3778. 5
3779. 0
3779. 1
3779. 2
3779. 3
3779. 4
3779. 5
3779. 6
3779. 7
3779. 8
3779. 9
3780. 0
3780. 1
3780. 2
3780. 3
3780. 4
3780. 5
3780. 6
3780. 7
3780. 8
3780. 9
3781. 0
3781. 1
3781. 2
3781. 3
3781. 4
3781. 5
3781. 6
3781. 7
3781. 8
3781. 9
3782. 0
3782. 1
3782. 2
3782. 3
3782. 4
3782. 5
3782. 6
3782. 7
3782. 8
3782. 9
3783. 0
3783. 1
3784. 0
3785. 0
3786. 0
3786. 1
3786. 2
3786. 3
3786. 4

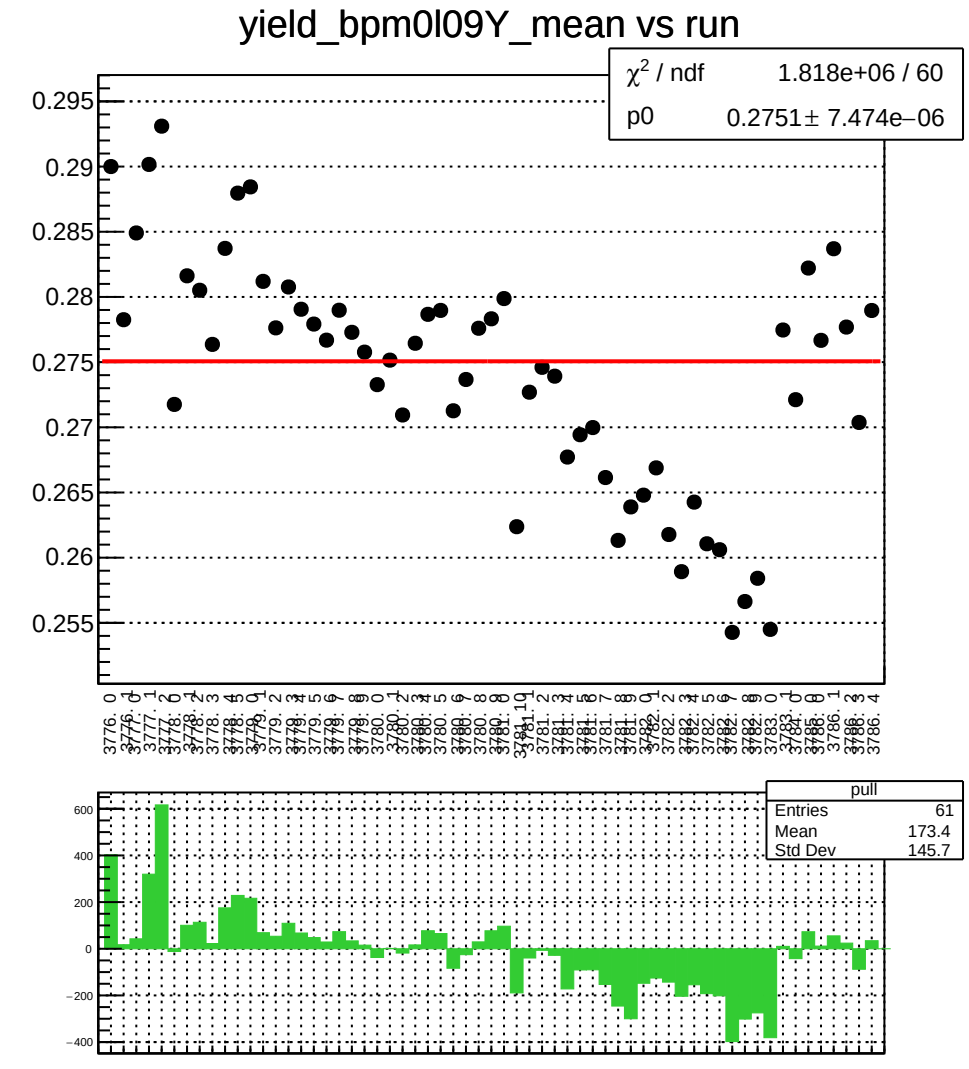

yield_bpm0l08Y_mean vs run
χ² / ndf 9.42e+05 / 60
p0 0.1031 ± 5.608e−06
0.12
0.115
0.11
0.105
0.1
0.095
0.09
pull
Entries 61
Mean −3807
Std Dev 3833
400
300
200
100
0
−100
−200
−300
pull1D
Entries 61
Mean −0.4903
Std Dev 5.394
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

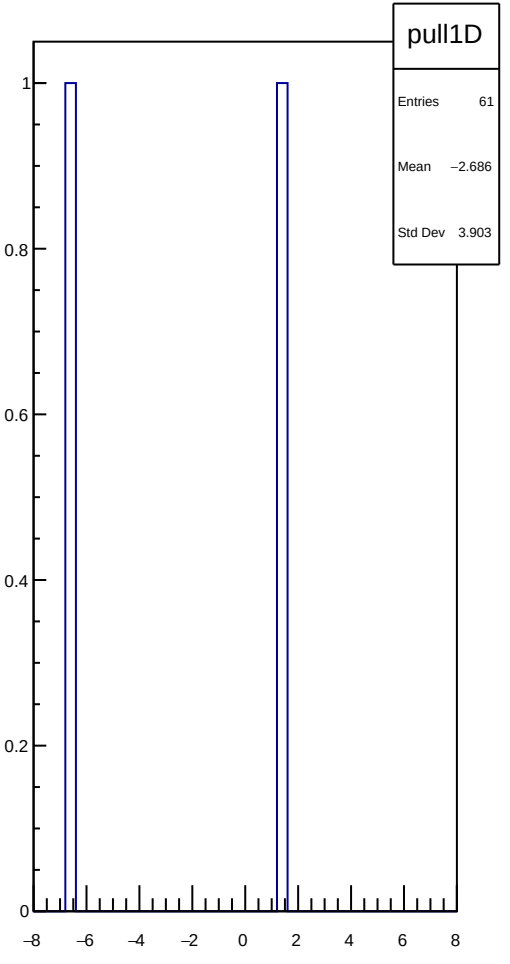

yield_bpm0l08Y_rms vs run
χ² / ndf 1.39e+05 / 60
p0 0.004113 ± 3.966e−06
0.03
0.025
0.02
0.015
0.01
0.005

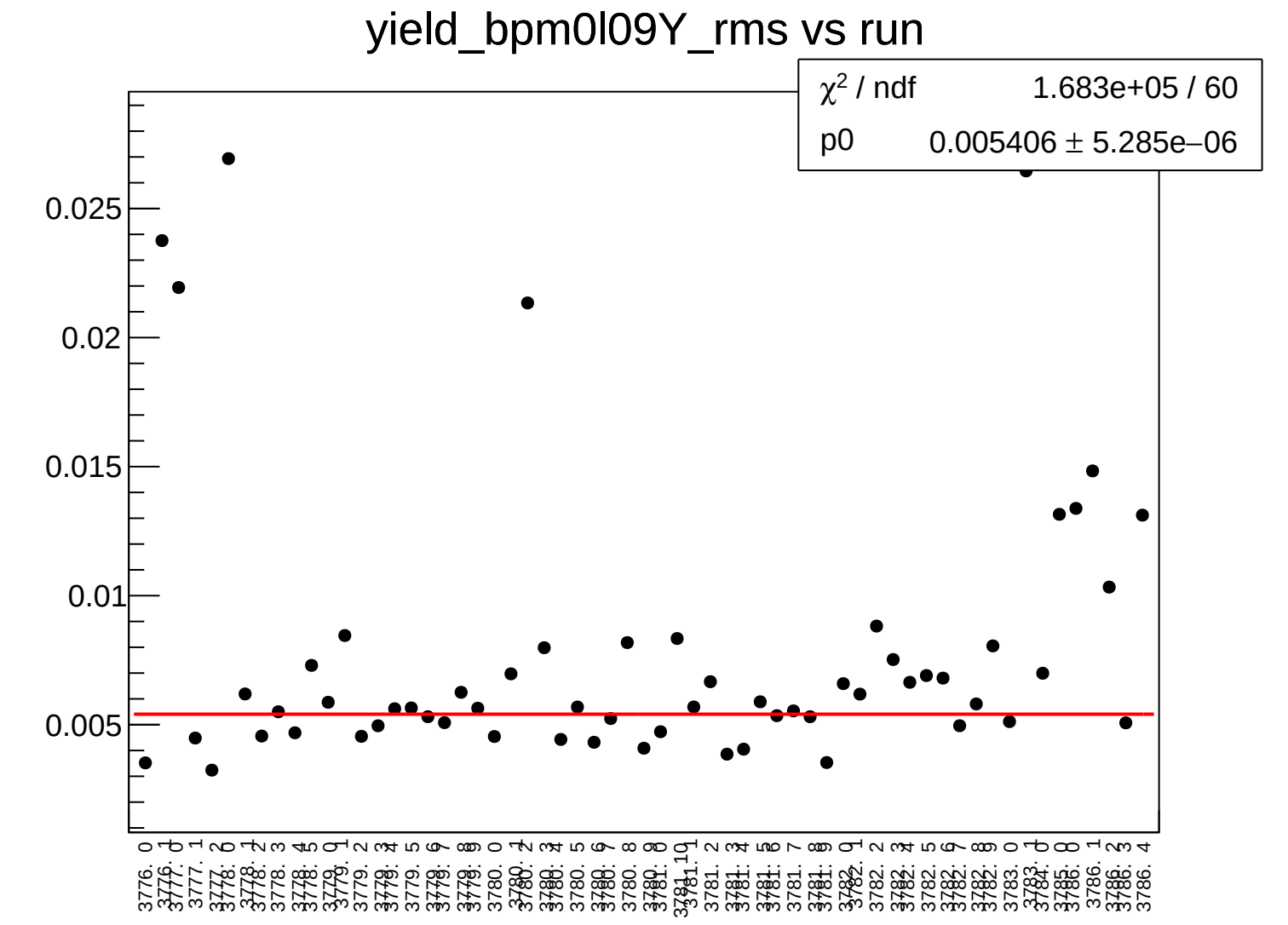

yield_bpm0l09X_mean vs run
χ² / ndf 8.742e+04 / 60
p0 0.8586 ± 2.292e−05
pull
Entries 61
Mean 54.17
Std Dev 19.52

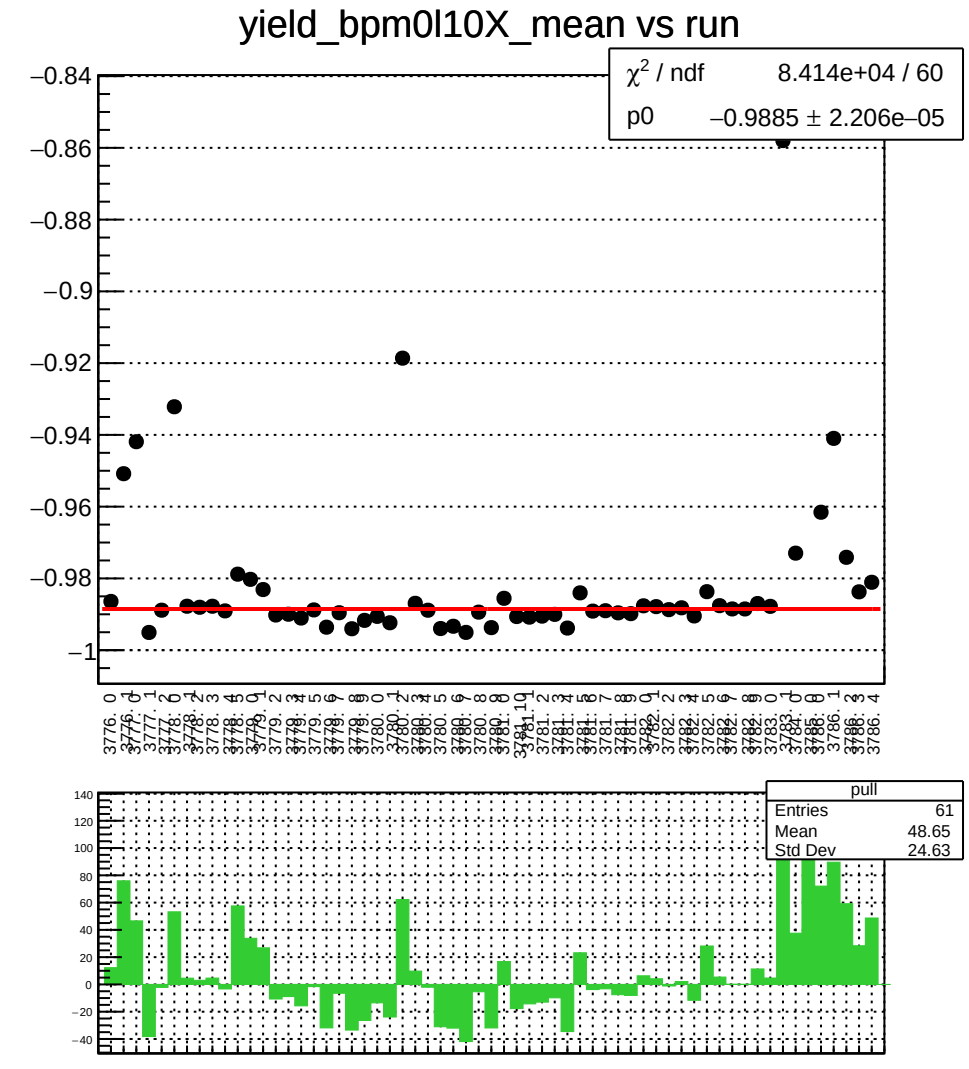

pull1D
Entries 61
Mean −0.4037
Std Dev 4.409

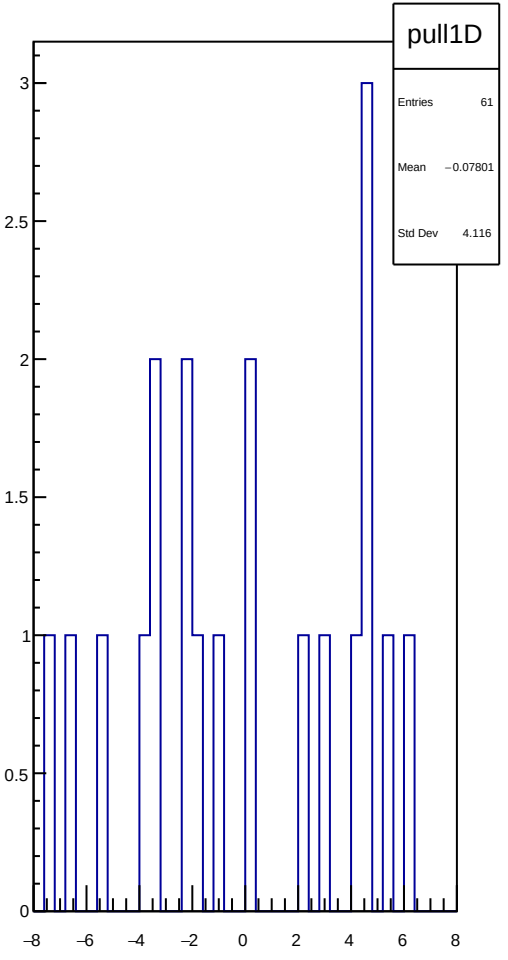

yield_bpm0l09X_rms vs run
χ² / ndf 1.344e+05 / 60
p0 0.01684 ± 1.62e−05
0.14
0.12
0.1
0.08
0.06
0.04
0.02

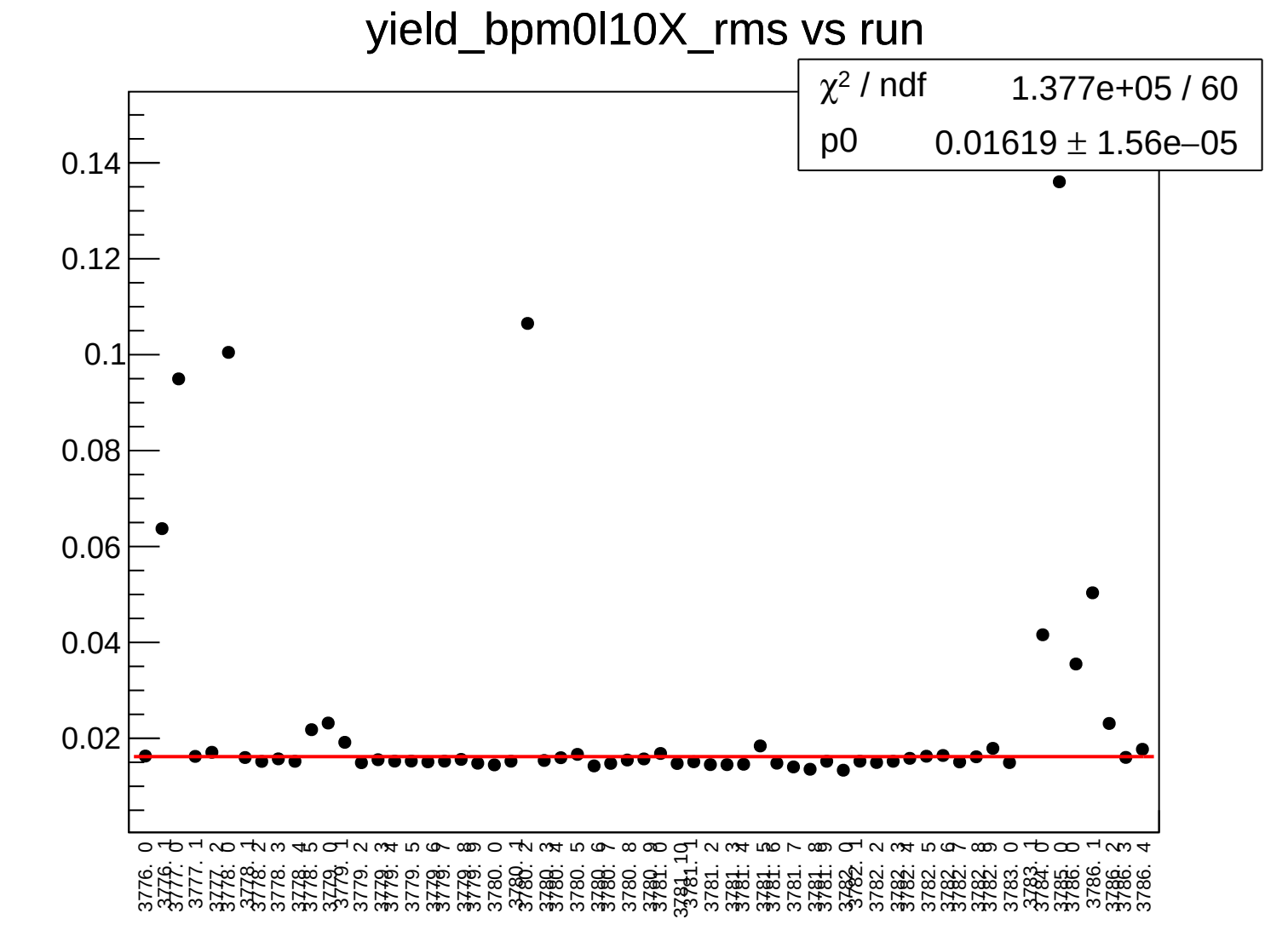

yield_bpm0l09Y_mean vs run
χ² / ndf 1.818e+06 / 60
p0 0.2751 ± 7.474e−06
pull
Entries 61
Mean 173.4
Std Dev 145.7

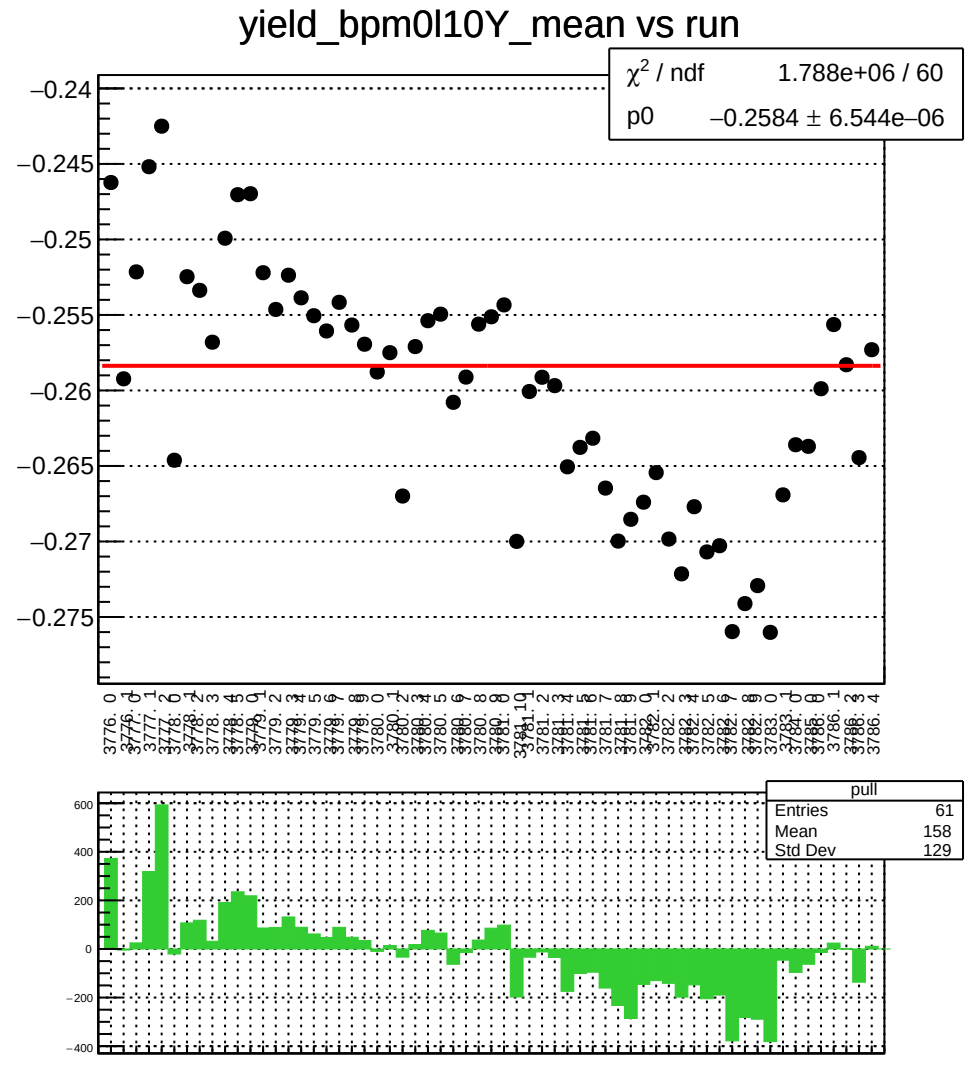

pull1D
Entries 61
Mean −2.686
Std Dev 3.903

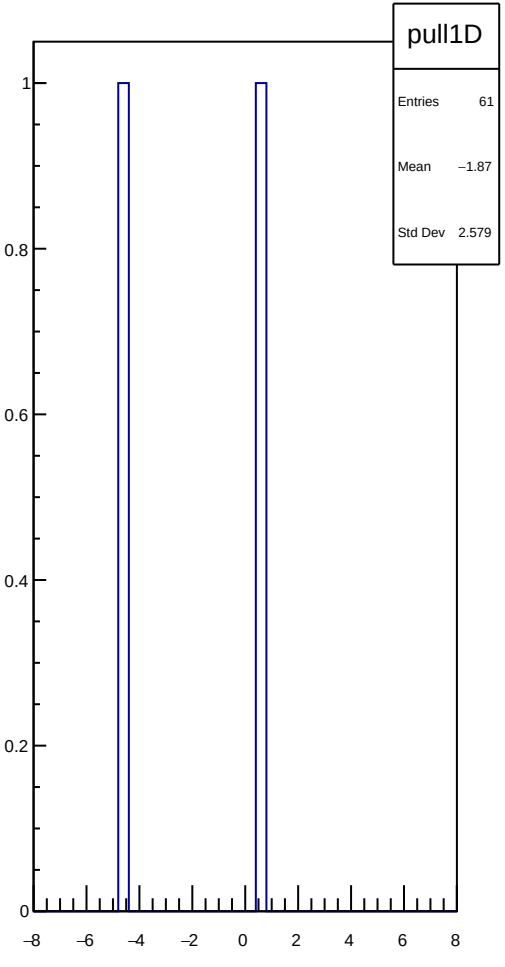

yield_bpm0l09Y_rms vs run
χ² / ndf 1.683e+05 / 60
p0 0.005406 ± 5.285e−06
0.025
0.02
0.015
0.01
0.005

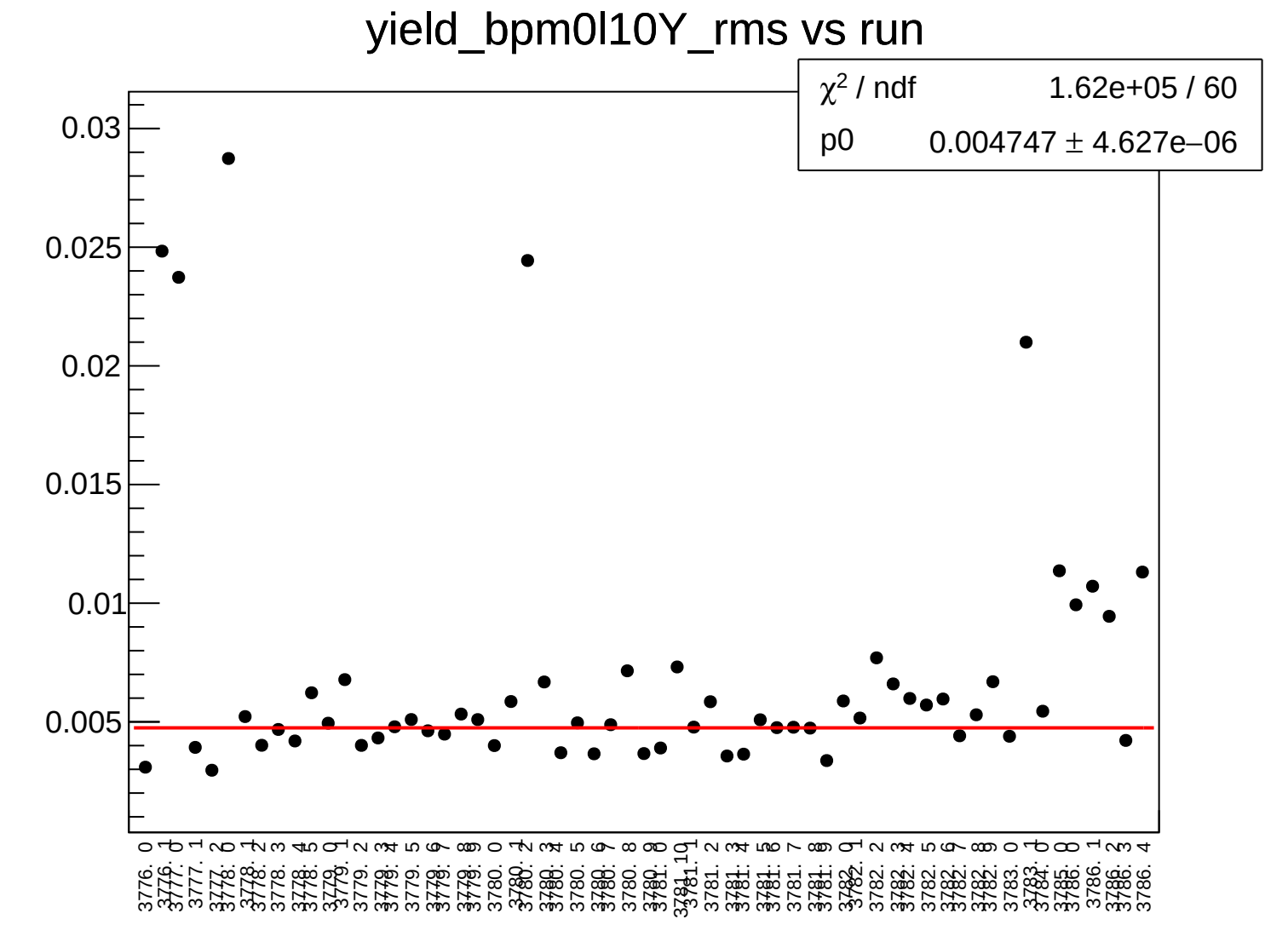

yield_bpm0l10X_mean vs run
χ² / ndf 8.414e+04 / 60
p0 −0.9885 ± 2.206e−05
pull
Entries 61
Mean 48.65
Std Dev 24.63


pull1D
Entries 61
Mean −0.07801
Std Dev 4.116


yield_bpm0l10X_rms vs run
χ² / ndf 1.377e+05 / 60
p0 0.01619 ± 1.56e−05
0.14
0.12
0.1
0.08
0.06
0.04
0.02


yield_bpm0l10Y_mean vs run
χ² / ndf 1.788e+06 / 60
p0 −0.2584 ± 6.544e−06
pull
Entries 61
Mean 158
Std Dev 129


pull1D
Entries 61
Mean −1.87
Std Dev 2.579


yield_bpm0l10Y_rms vs run
χ² / ndf 1.62e+05 / 60
p0 0.004747 ± 4.627e−06
0.03
0.025
0.02
0.015
0.01
0.005
3776. 0
3776. 1
3776. 2
3777. 0
3777. 1
3777. 2
3778. 0
3778. 1
3778. 2
3778. 3
3778. 4
3778. 5
3779. 0
3779. 1
3779. 2
3779. 3
3779. 4
3779. 5
3779. 6
3779. 7
3779. 8
3779. 9
3780. 0
3780. 1
3780. 2
3780. 3
3780. 4
3780. 5
3780. 6
3780. 7
3780. 8
3780. 9
3781. 0
3781. 1
3781. 2
3781. 3
3781. 4
3781. 5
3781. 6
3781. 7
3781. 8
3781. 9
3782. 0
3782. 1
3782. 2
3782. 3
3782. 4
3782. 5
3782. 6
3782. 7
3782. 8
3782. 9
3783. 0
3783. 1
3784. 0
3785. 0
3786. 0
3786. 1
3786. 2
3786. 3
3786. 4