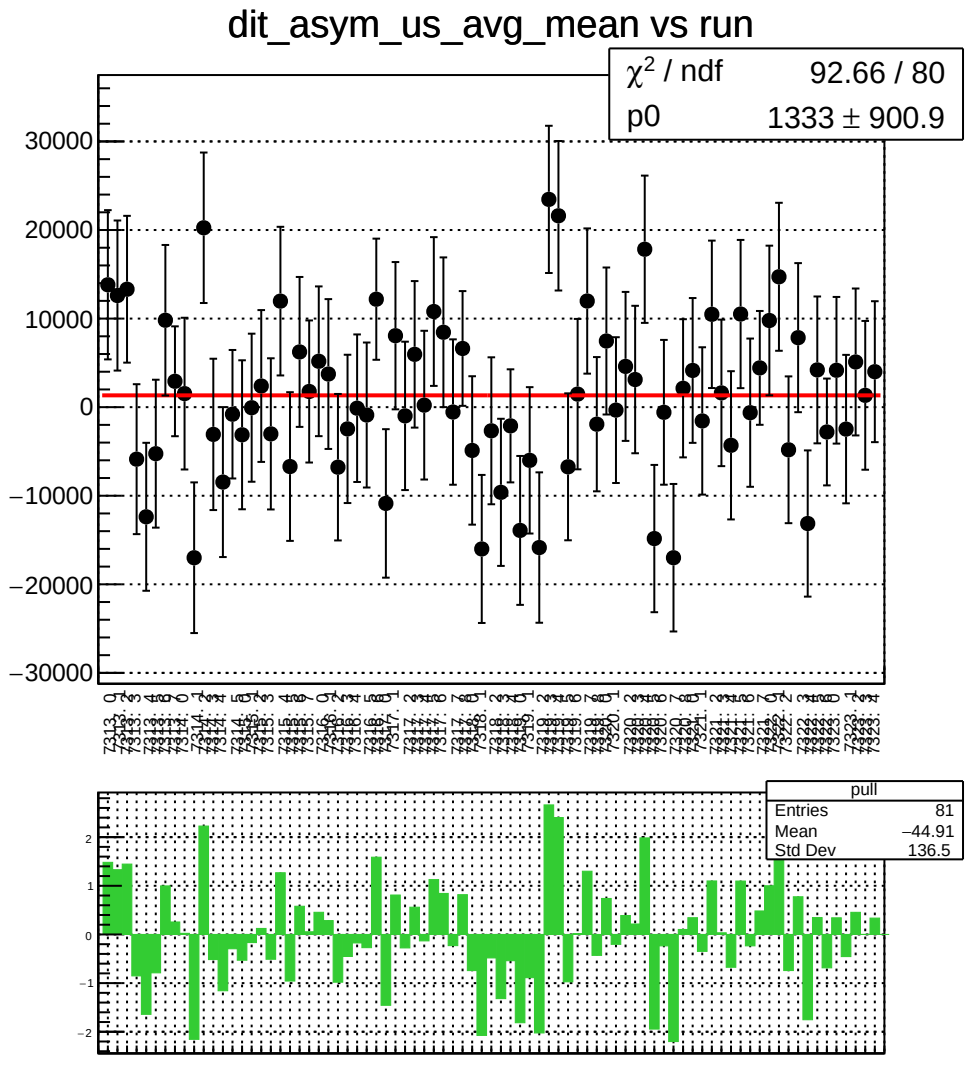
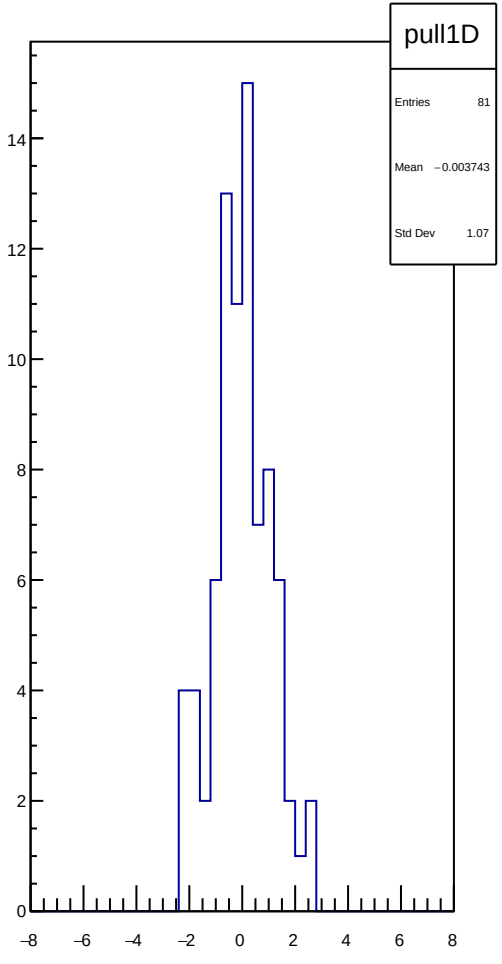
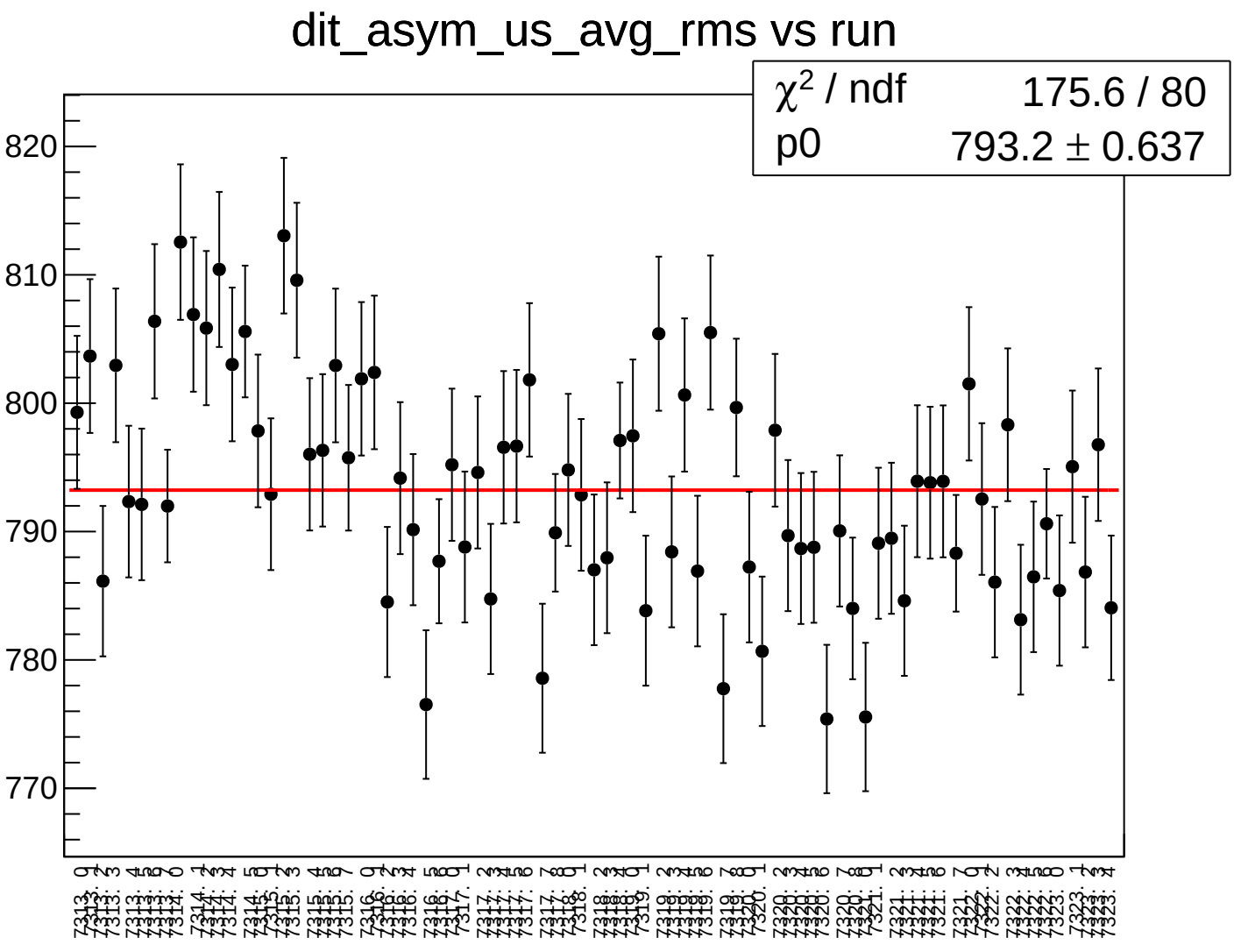
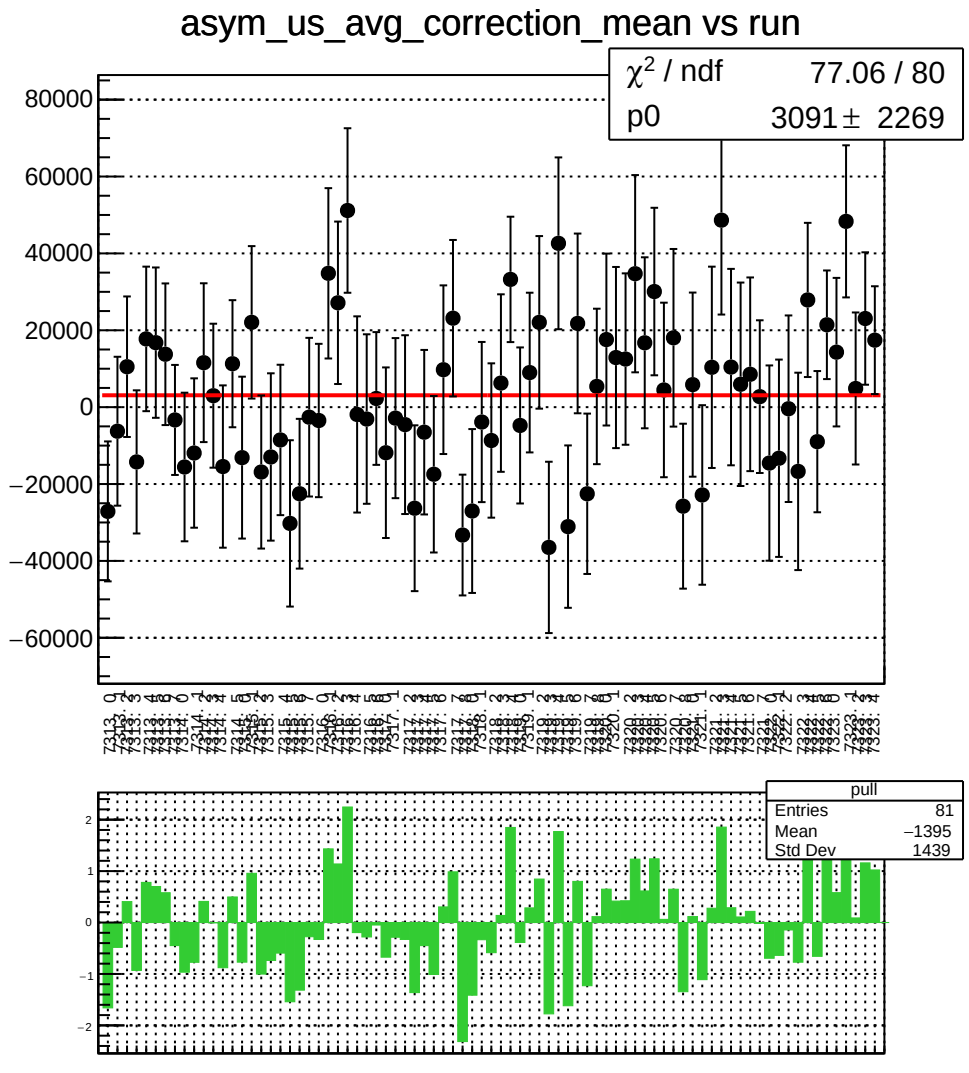
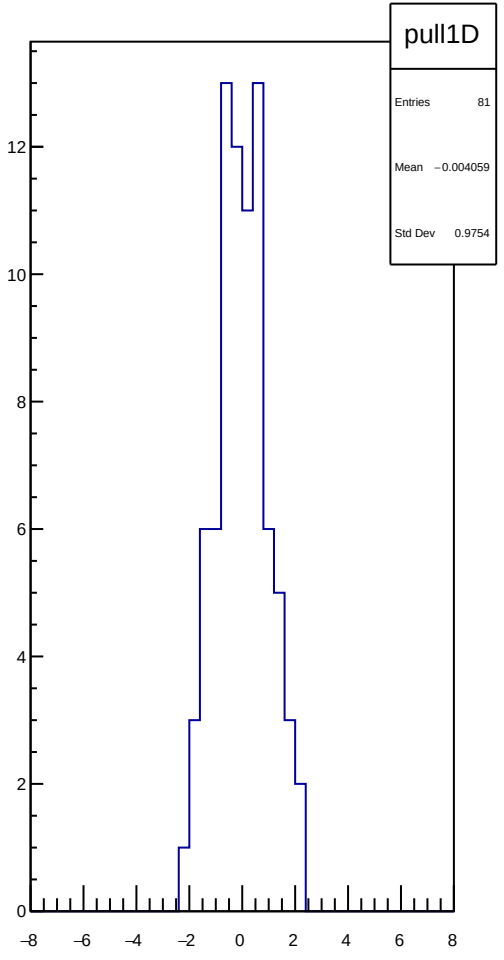
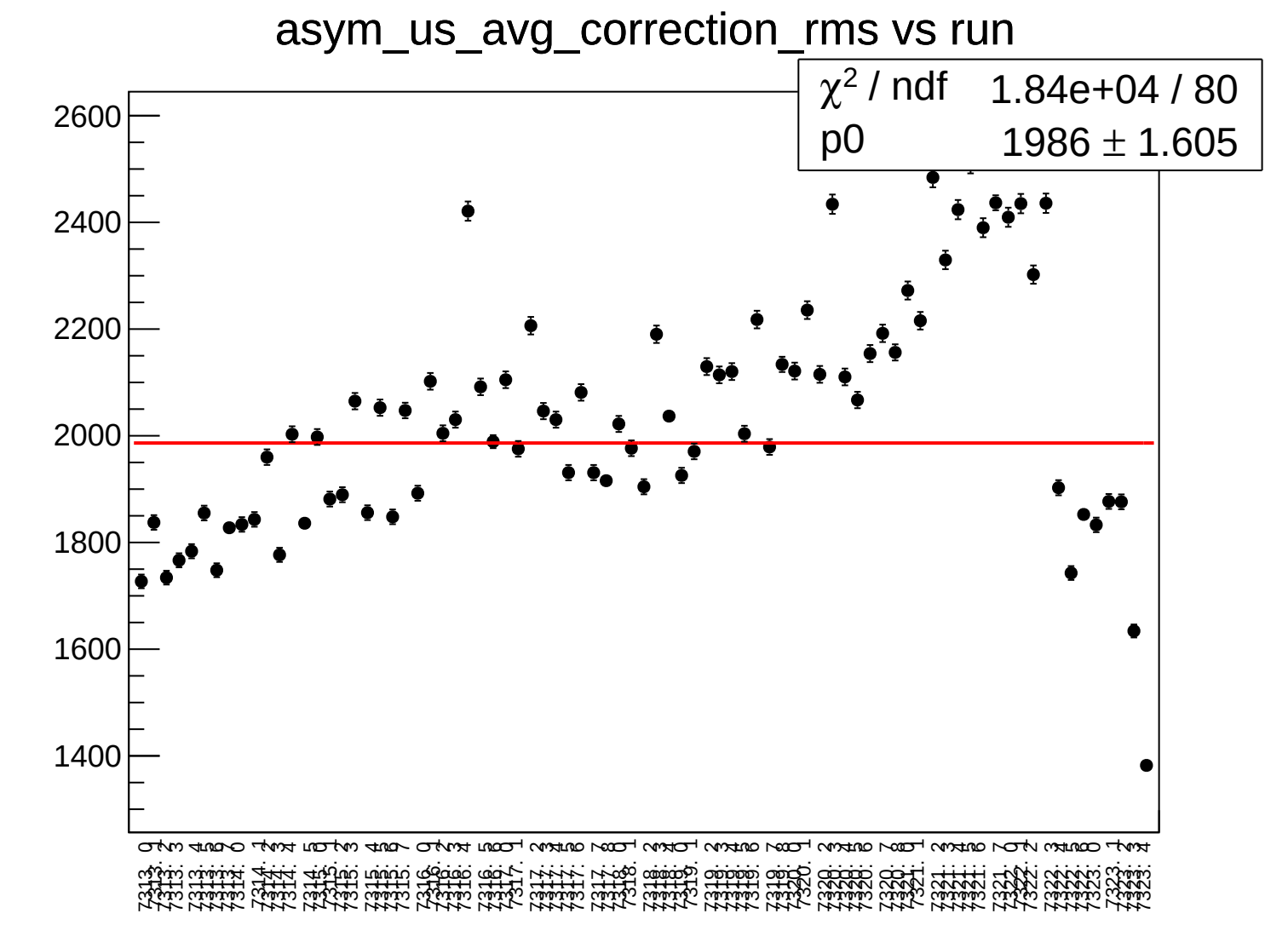

dit_asym_us_avg_mean vs run
χ² / ndf 92.66 / 80
p0 1333 ± 900.9
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 81
Mean −44.91
Std Dev 136.5
2
1
0
−1
−2

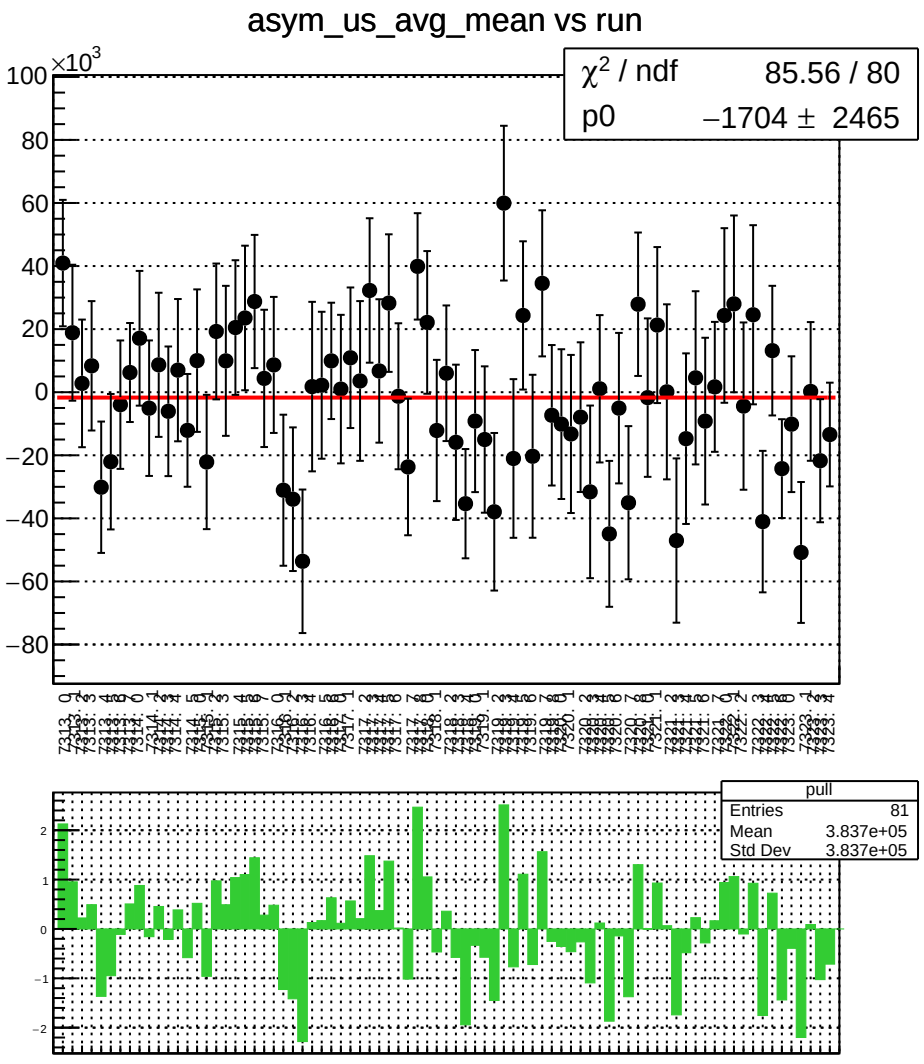

pull1D
Entries 81
Mean −0.003743
Std Dev 1.07
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

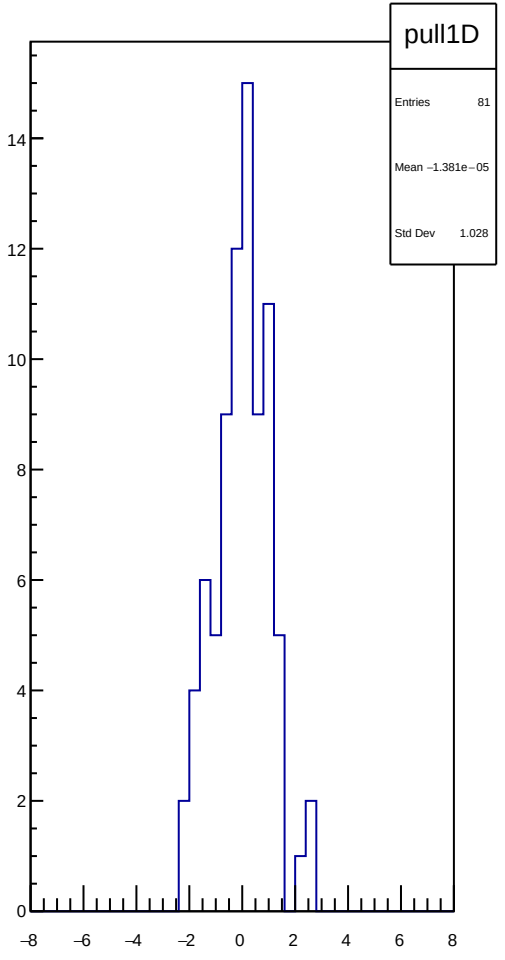

dit_asym_us_avg_rms vs run
χ² / ndf 175.6 / 80
p0 793.2 ± 0.637
820
810
800
790
780
770

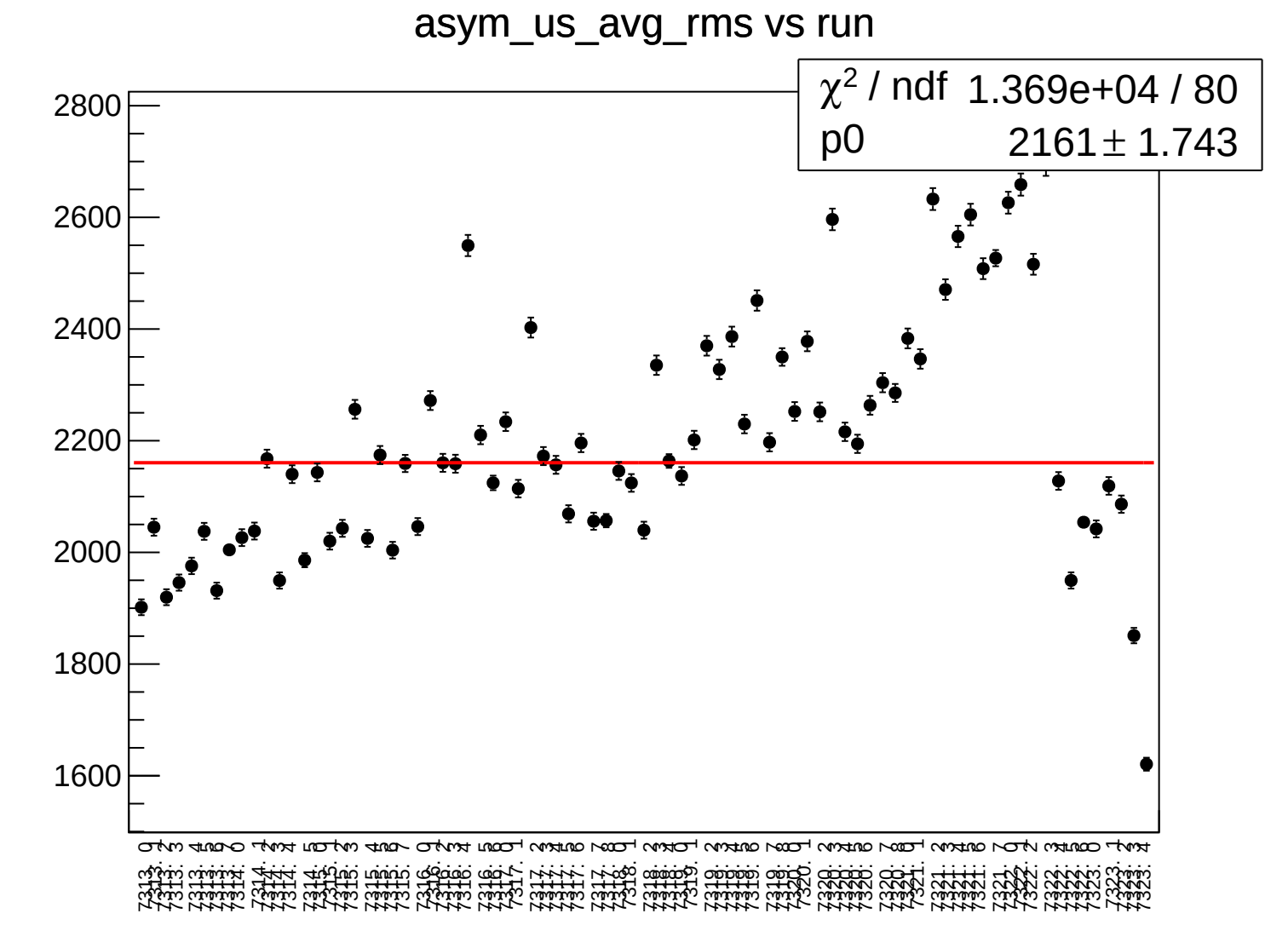

asym_us_avg_correction_mean vs run
χ² / ndf 77.06 / 80
p0 3091 ± 2269
pull
Entries 81
Mean −1395
Std Dev 1439

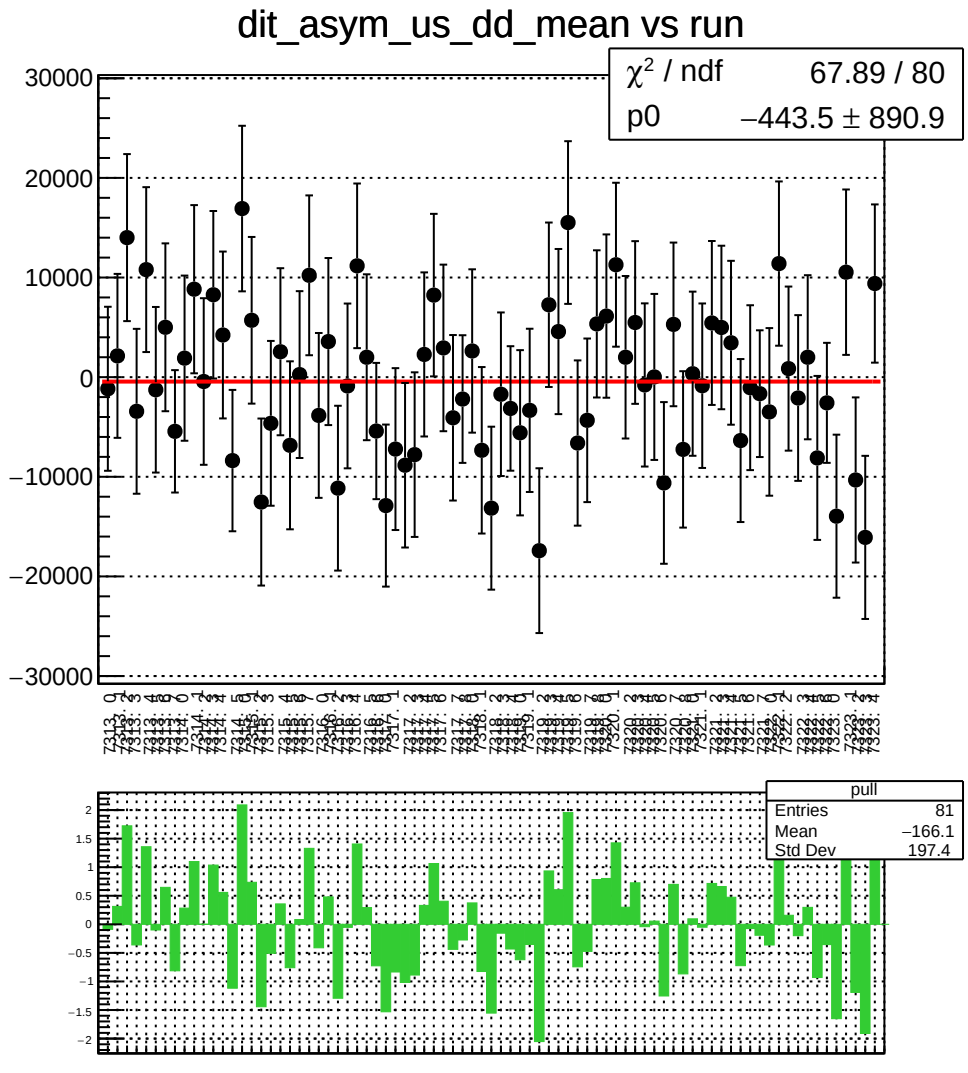

pull1D
Entries 81
Mean −0.004059
Std Dev 0.9754

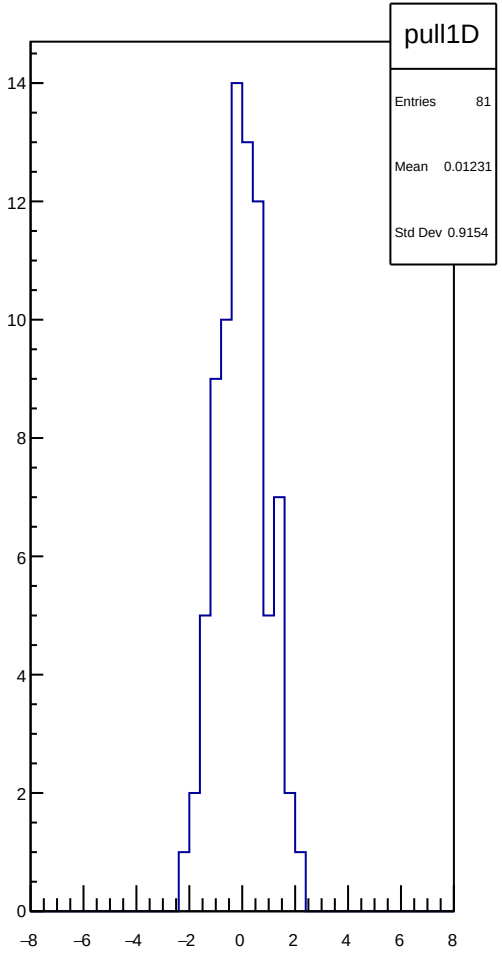

asym_us_avg_correction_rms vs run
χ² / ndf 1.84e+04 / 80
p0 1986 ± 1.605
2600
2400
2200
2000
1800
1600
1400

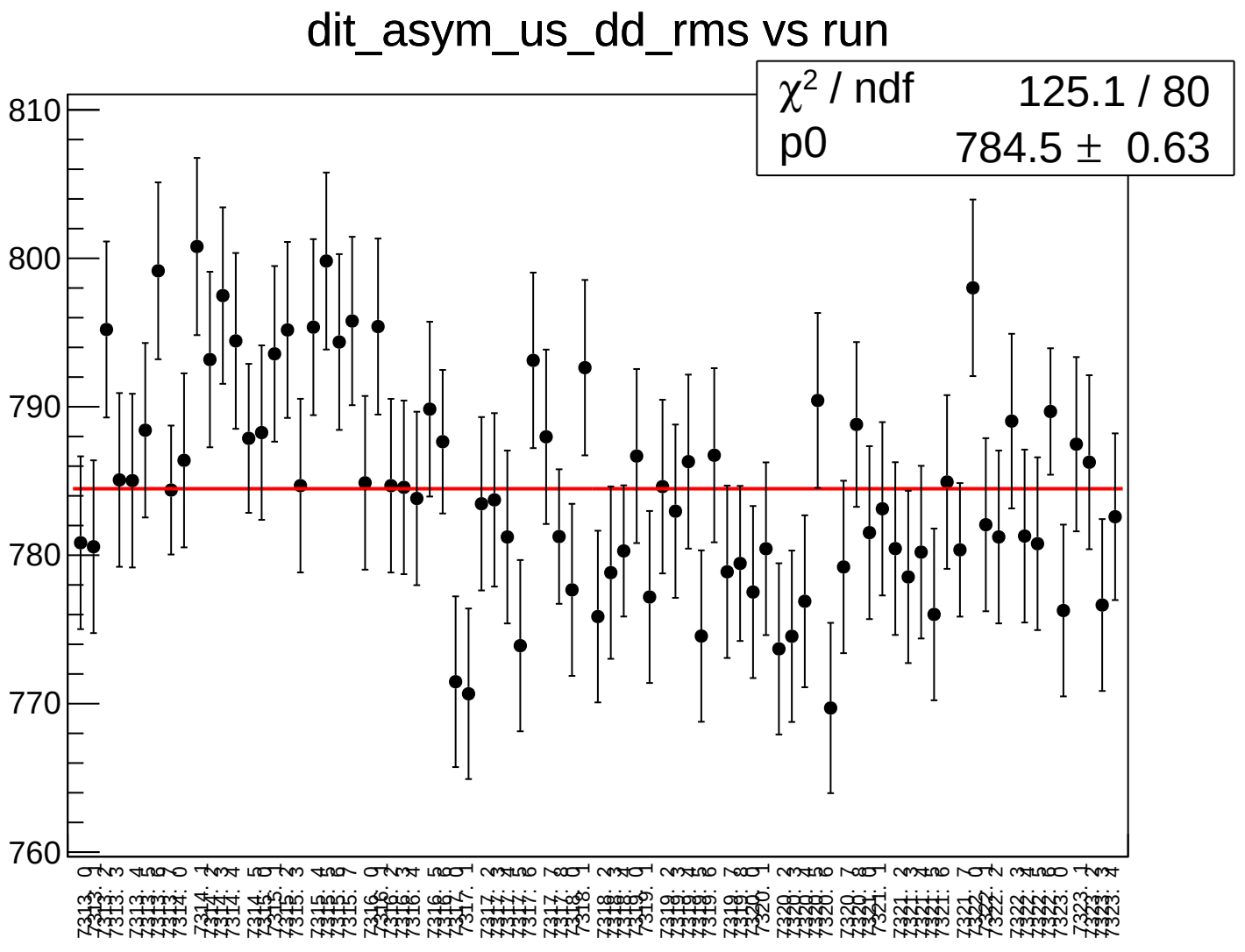

asym_us_avg_mean vs run
×10^3
χ² / ndf 85.56 / 80
p0 −1704 ± 2465
pull
Entries 81
Mean 3.837e+05
Std Dev 3.837e+05

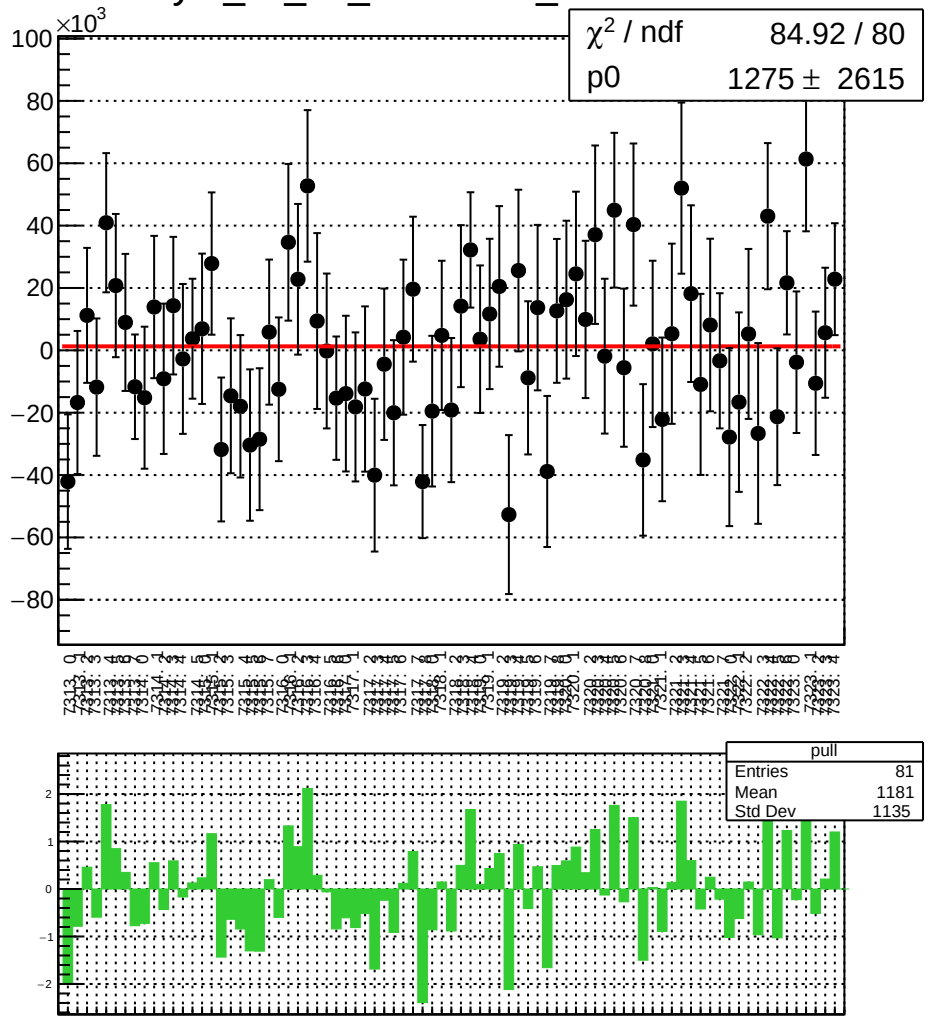

pull1D
Entries 81
Mean −1.381e−05
Std Dev 1.028

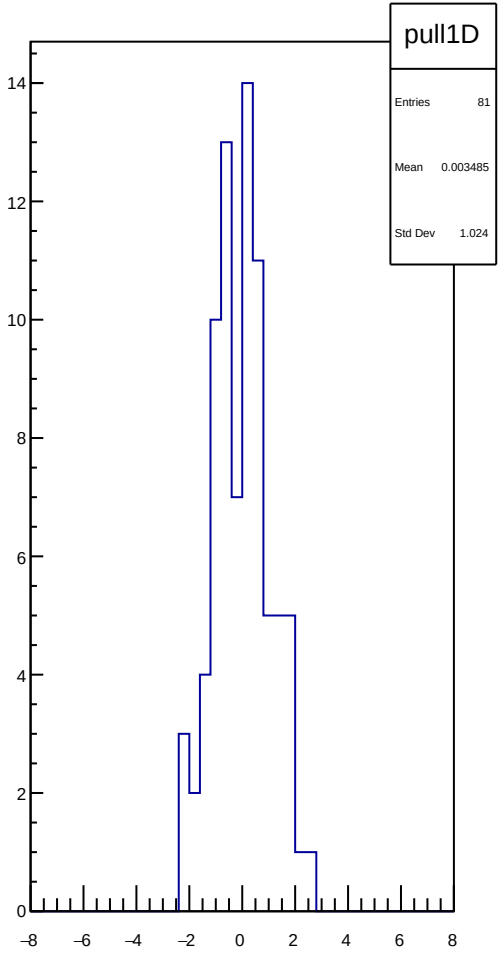

asym_us_avg_rms vs run
χ² / ndf 1.369e+04 / 80
p0 2161 ± 1.743
2800
2600
2400
2200
2000
1800
1600

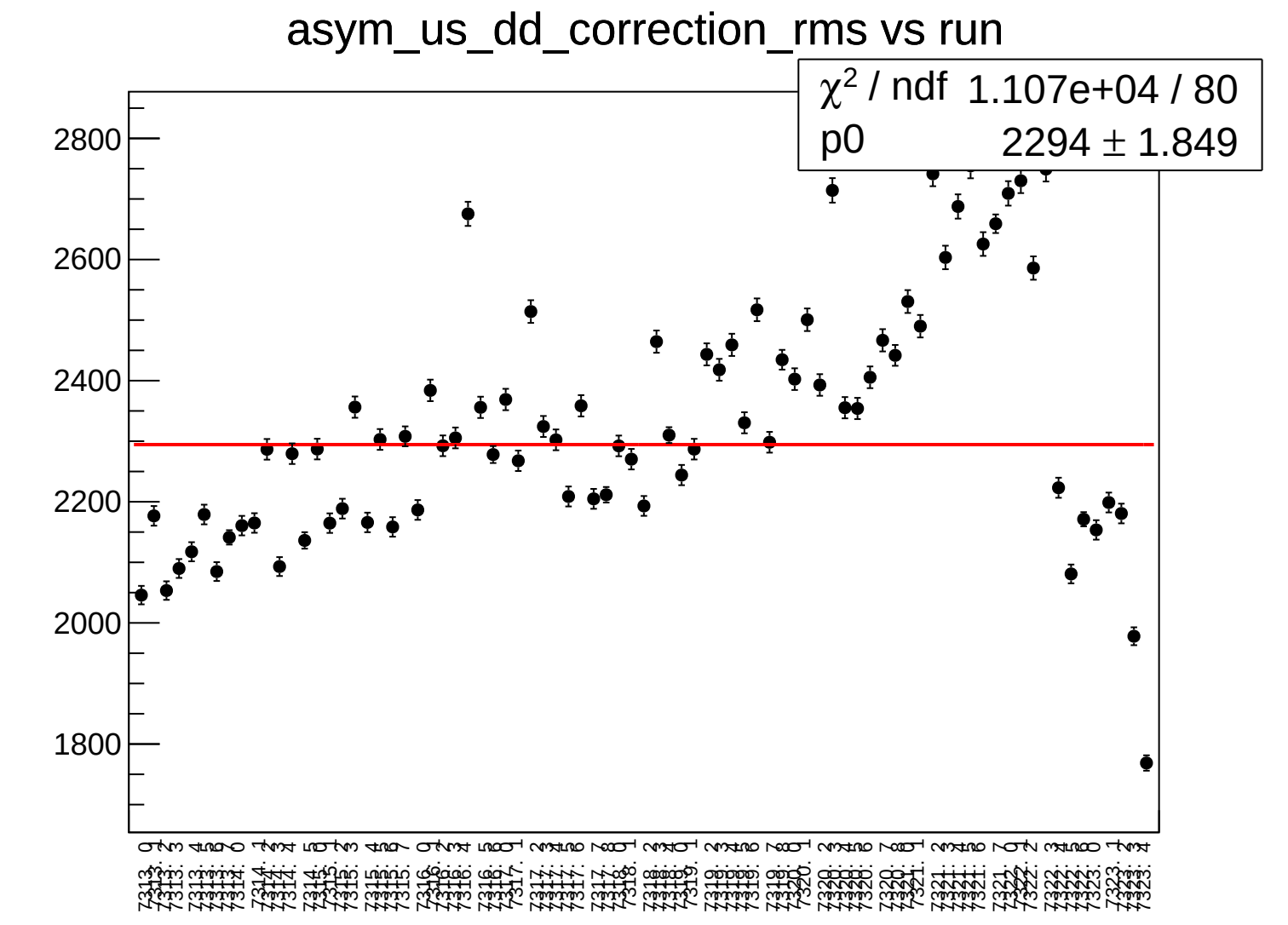

dit_asym_us_dd_mean vs run
χ² / ndf 67.89 / 80
p0 −443.5 ± 890.9
pull
Entries 81
Mean −166.1
Std Dev 197.4

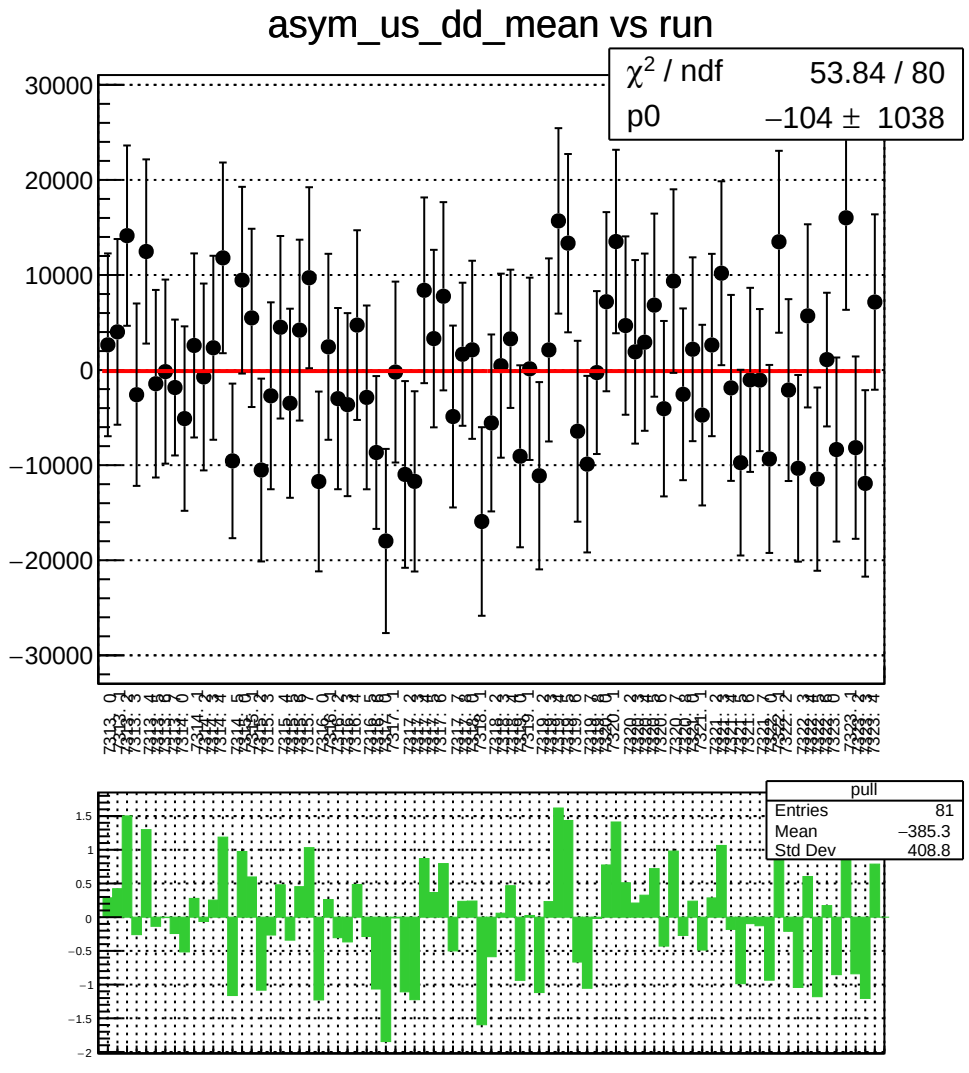

pull1D
Entries 81
Mean 0.01231
Std Dev 0.9154

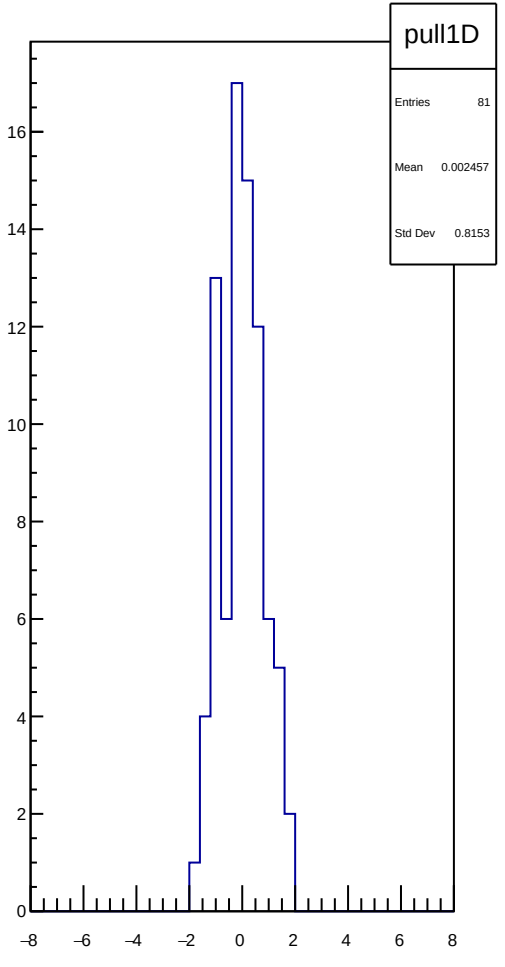

dit_asym_us_dd_rms vs run
χ² / ndf 125.1 / 80
p0 784.5 ± 0.63
810
800
790
780
770
760

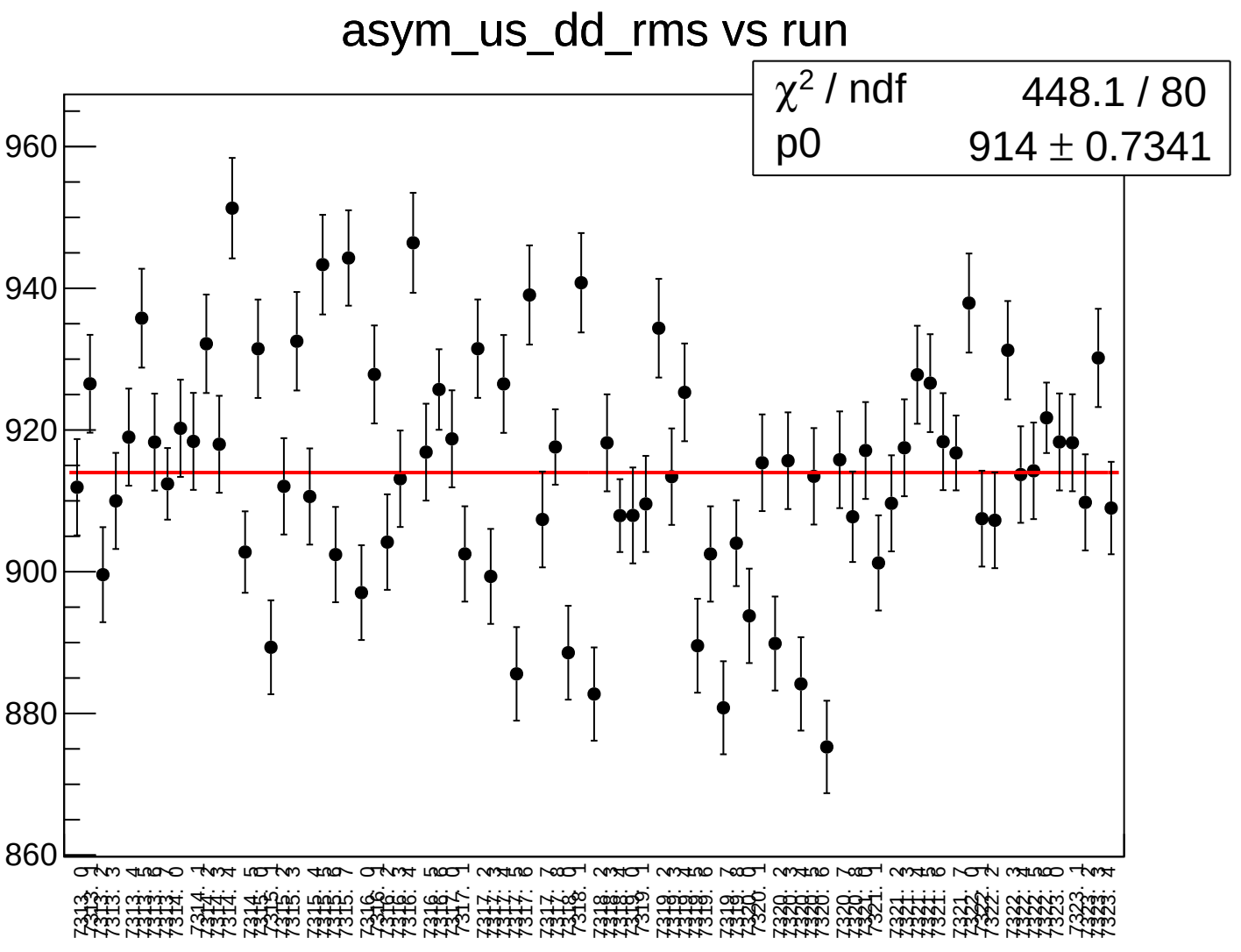

asym_us_dd_correction_mean vs run
×10^3
χ² / ndf 84.92 / 80
p0 1275 ± 2615
pull
Entries 81
Mean 1181
Std Dev 1135

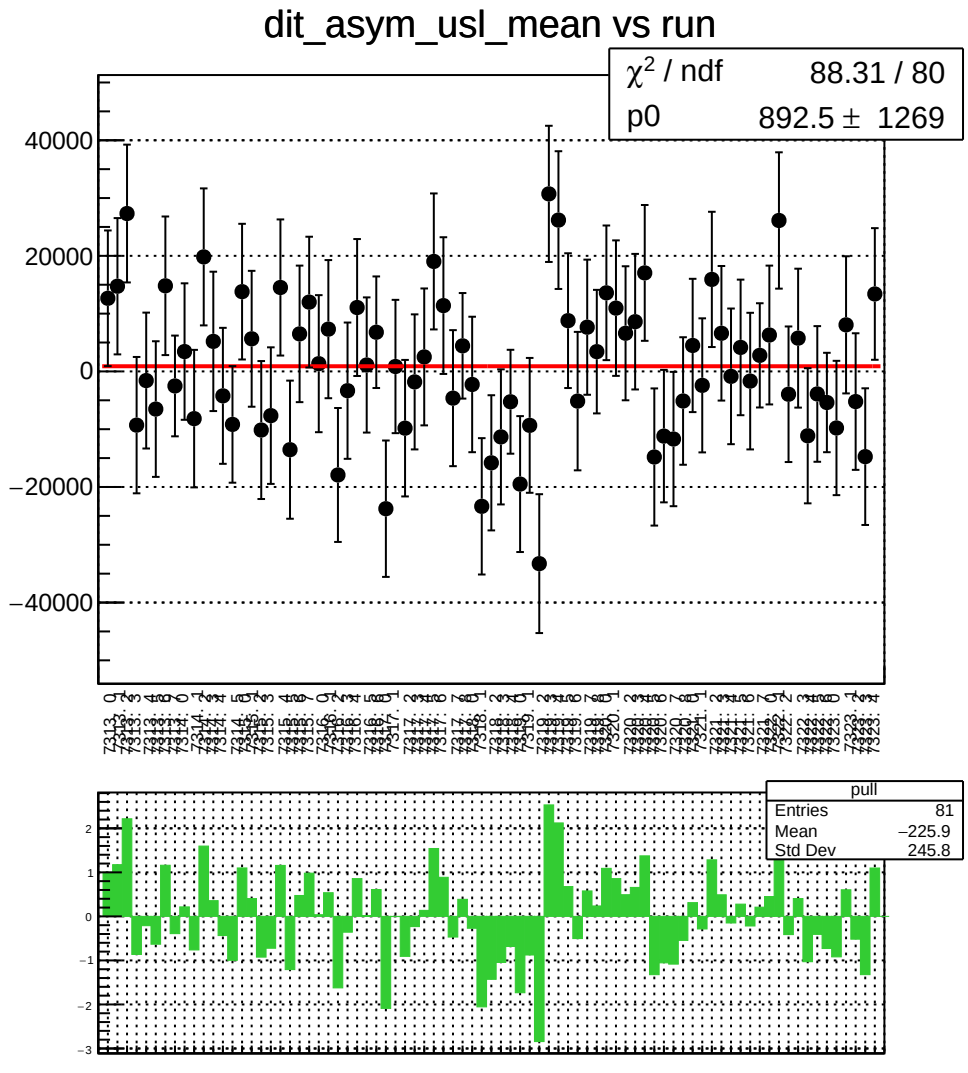

pull1D
Entries 81
Mean 0.003485
Std Dev 1.024

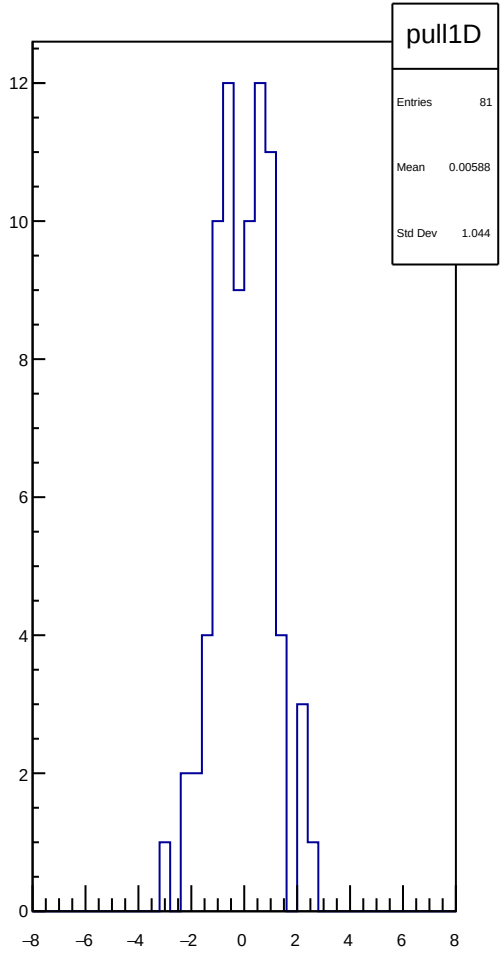

asym_us_dd_correction_rms vs run
χ² / ndf 1.107e+04 / 80
p0 2294 ± 1.849
2800
2600
2400
2200
2000
1800

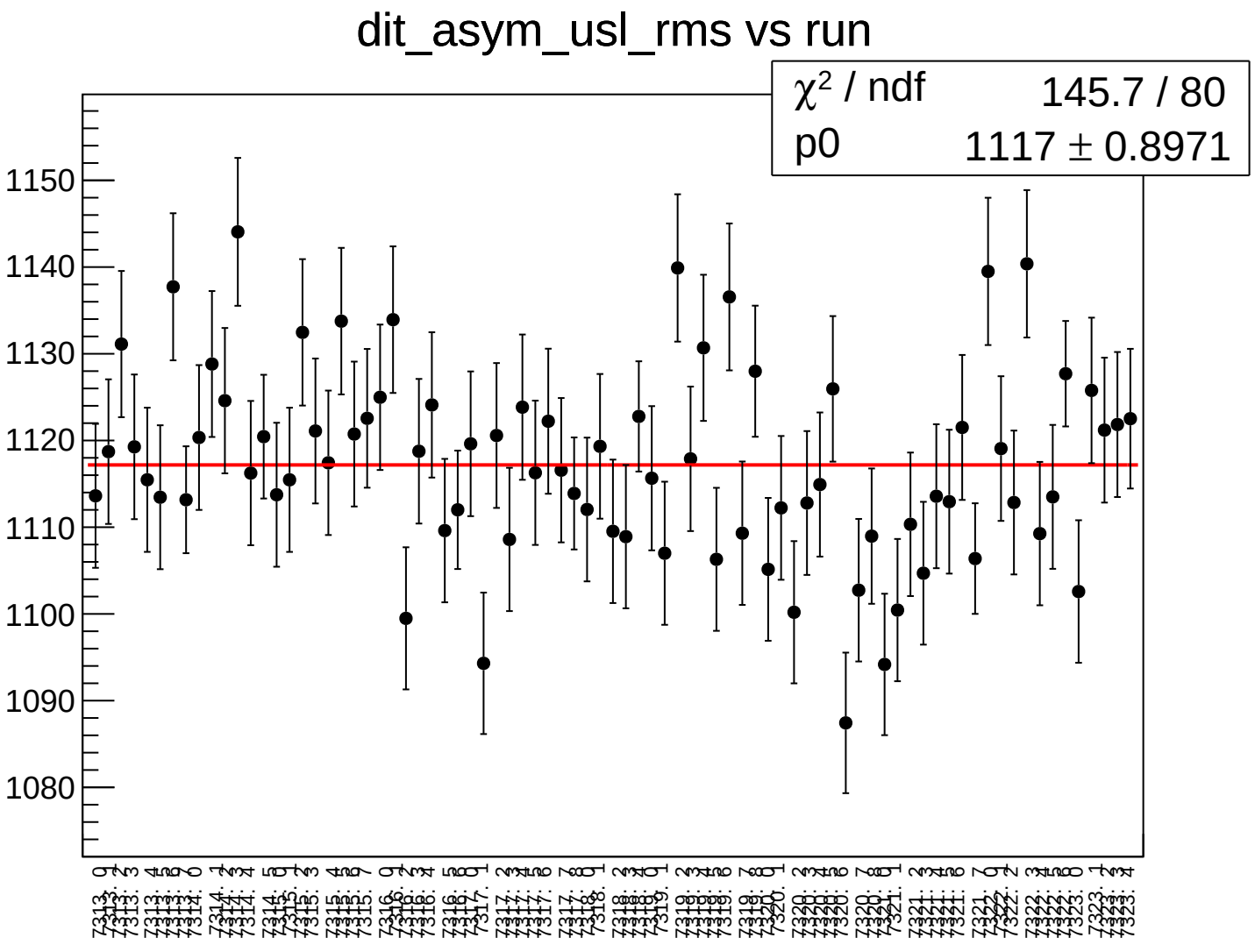

asym_us_dd_mean vs run
χ² / ndf 53.84 / 80
p0 −104 ± 1038
pull
Entries 81
Mean −385.3
Std Dev 408.8

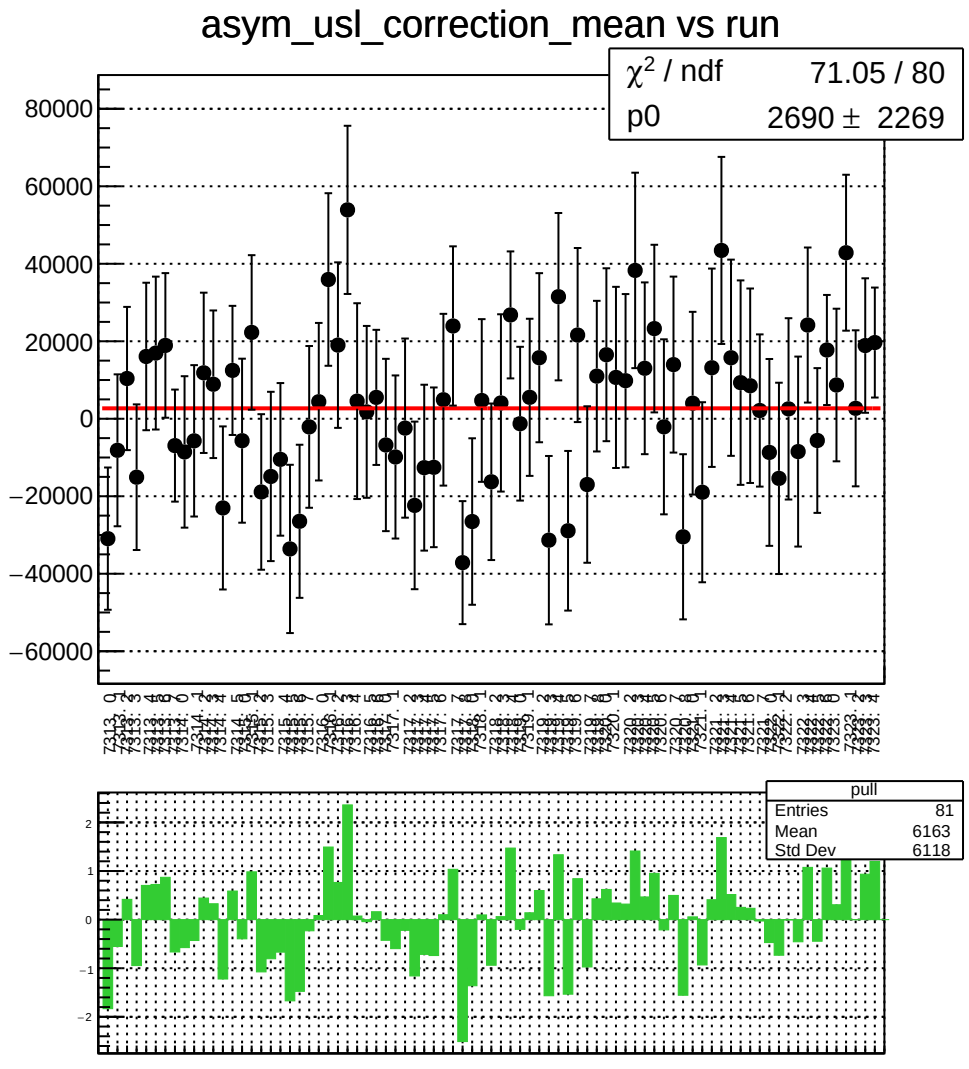

pull1D
Entries 81
Mean 0.002457
Std Dev 0.8153

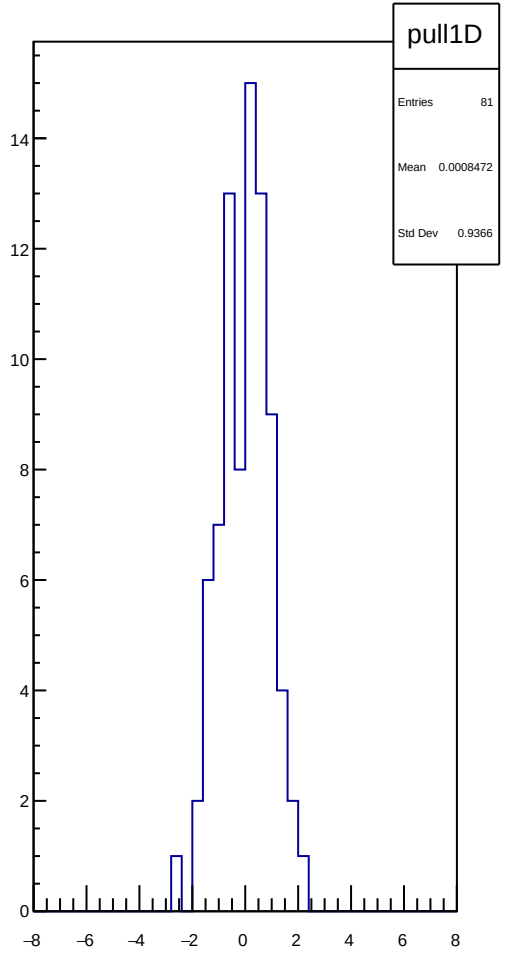

asym_us_dd_rms vs run
χ² / ndf 448.1 / 80
p0 914 ± 0.7341
960
940
920
900
880
860

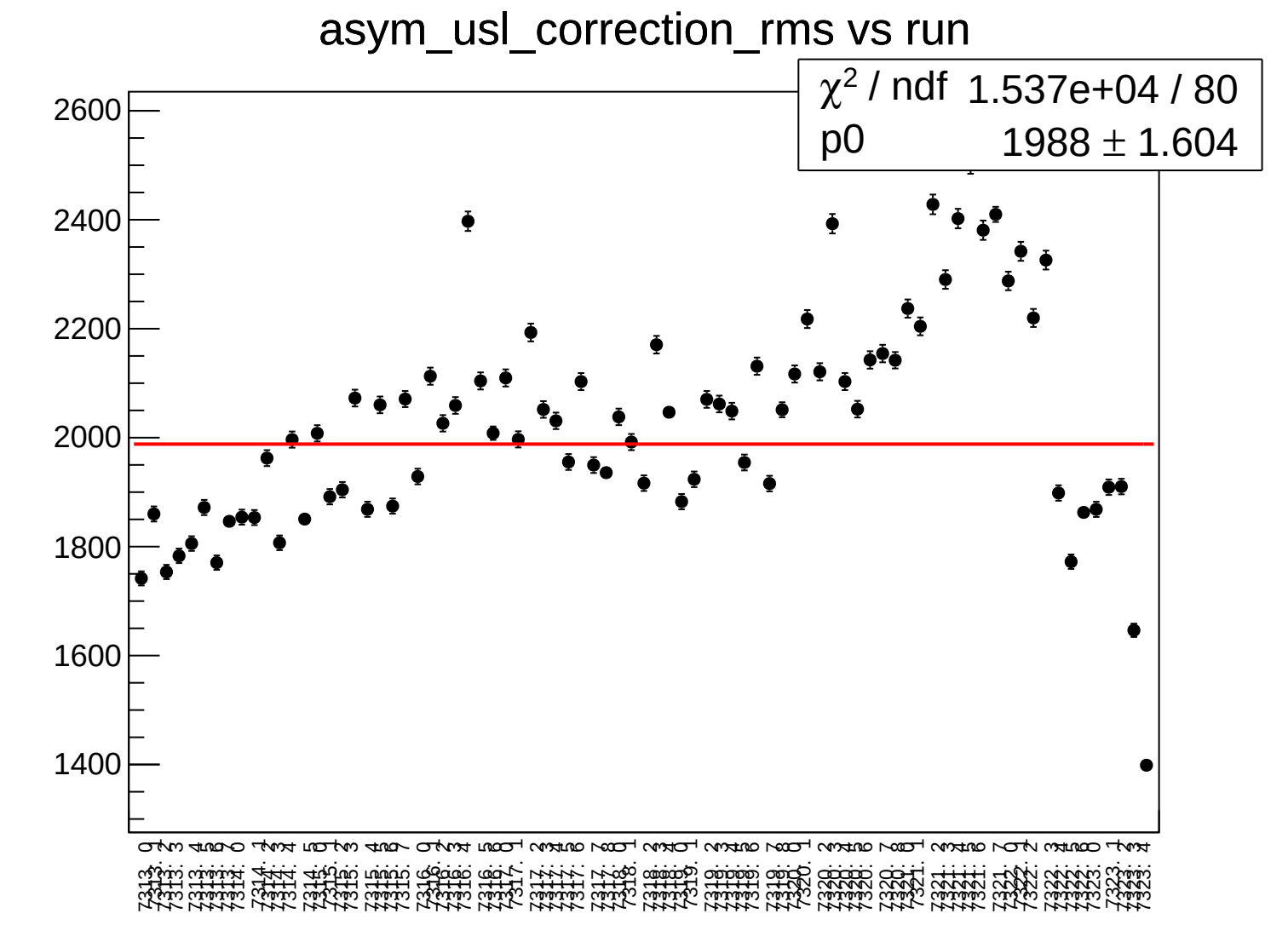

dit_asym_usl_mean vs run
χ² / ndf 88.31 / 80
p0 892.5 ± 1269
40000
20000
0
−20000
−40000
pull
Entries 81
Mean −225.9
Std Dev 245.8
2
1
0
−1
−2
−3

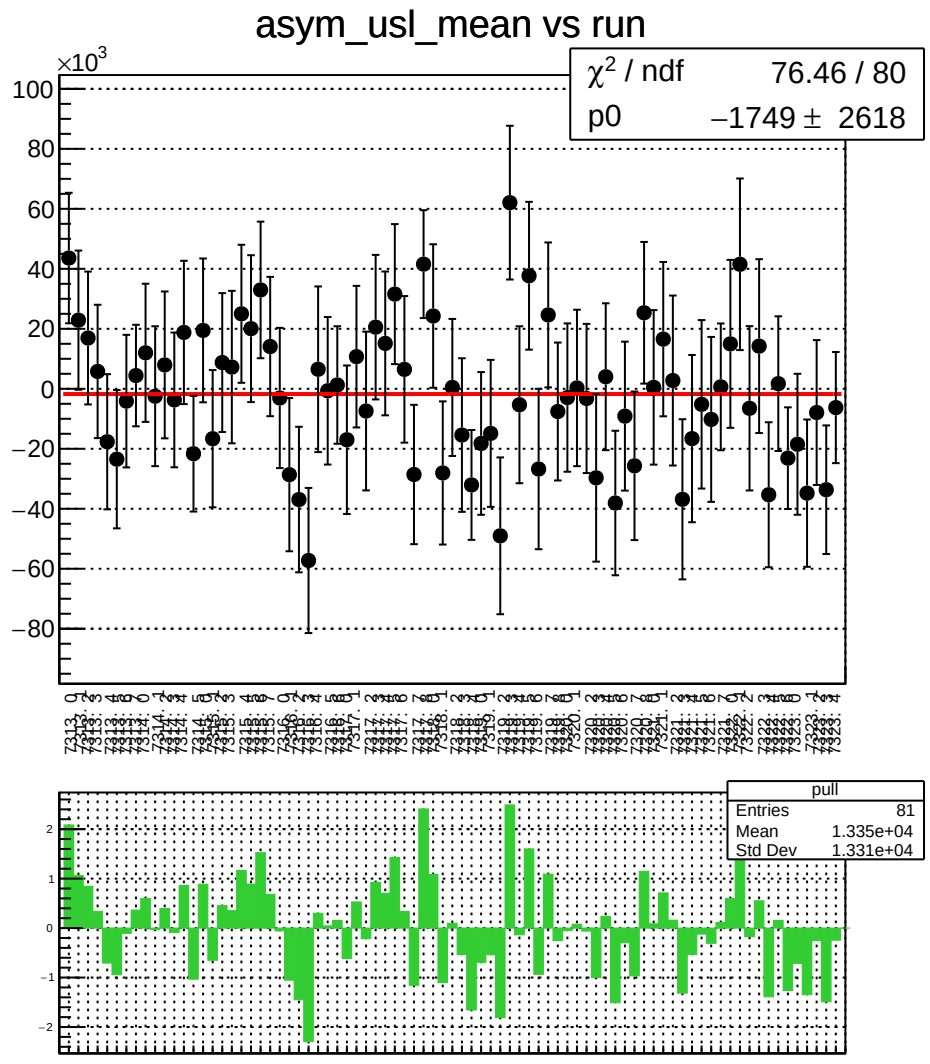

pull1D
Entries 81
Mean 0.00588
Std Dev 1.044
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

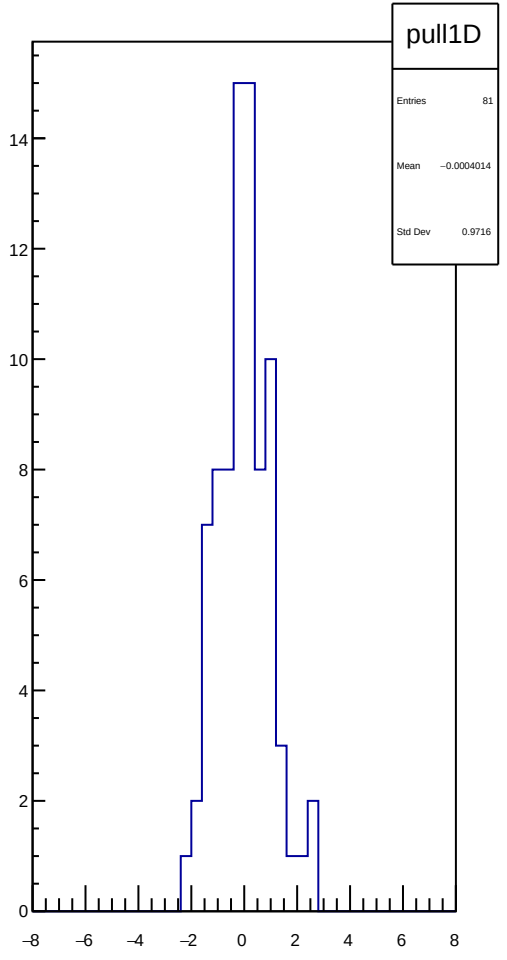

dit_asym_usl_rms vs run
χ² / ndf 145.7 / 80
p0 1117 ± 0.8971
1150
1140
1130
1120
1110
1100
1090
1080

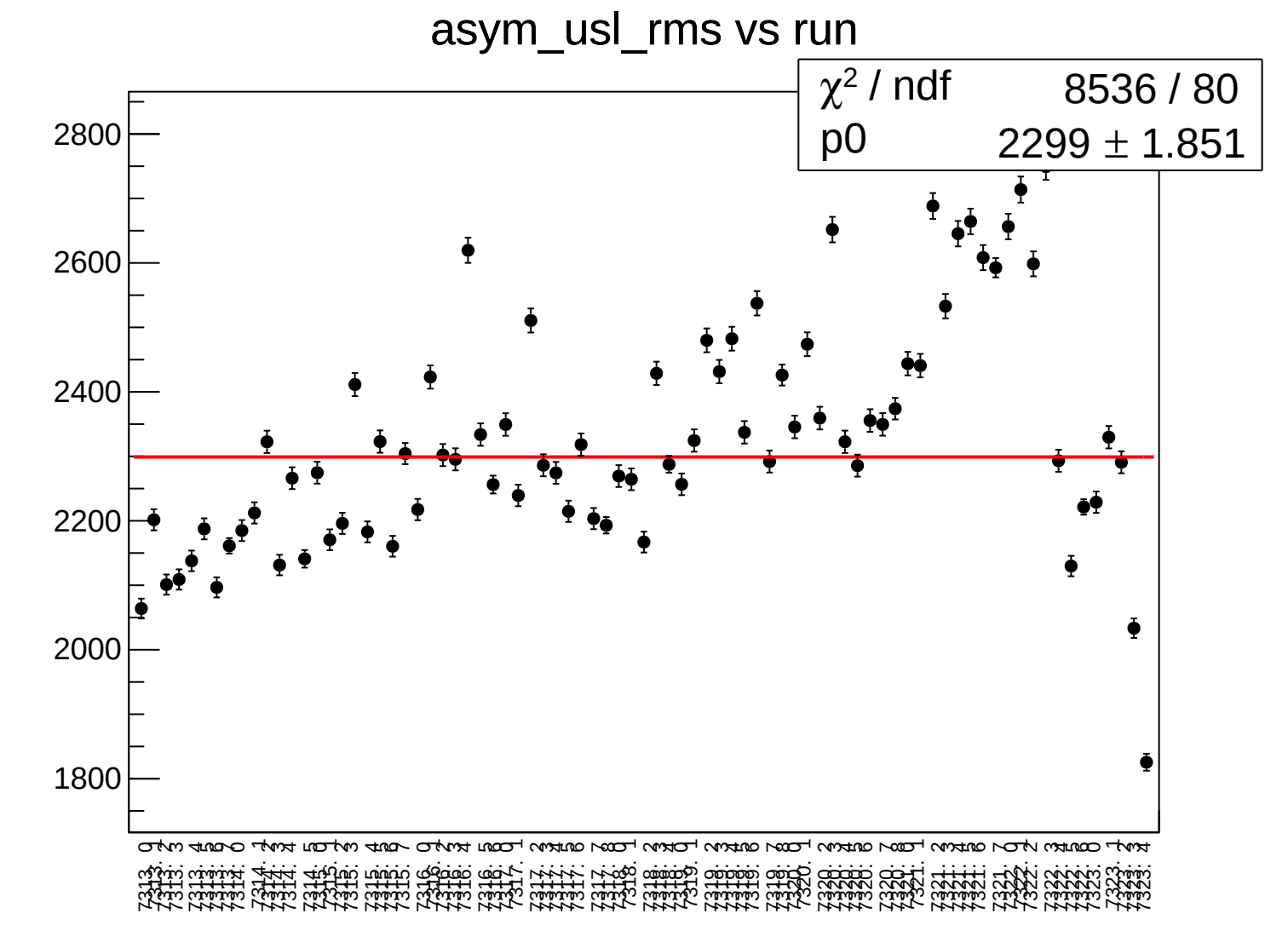

asym_usl_correction_mean vs run
χ² / ndf 71.05 / 80
p0 2690 ± 2269
pull
Entries 81
Mean 6163
Std Dev 6118

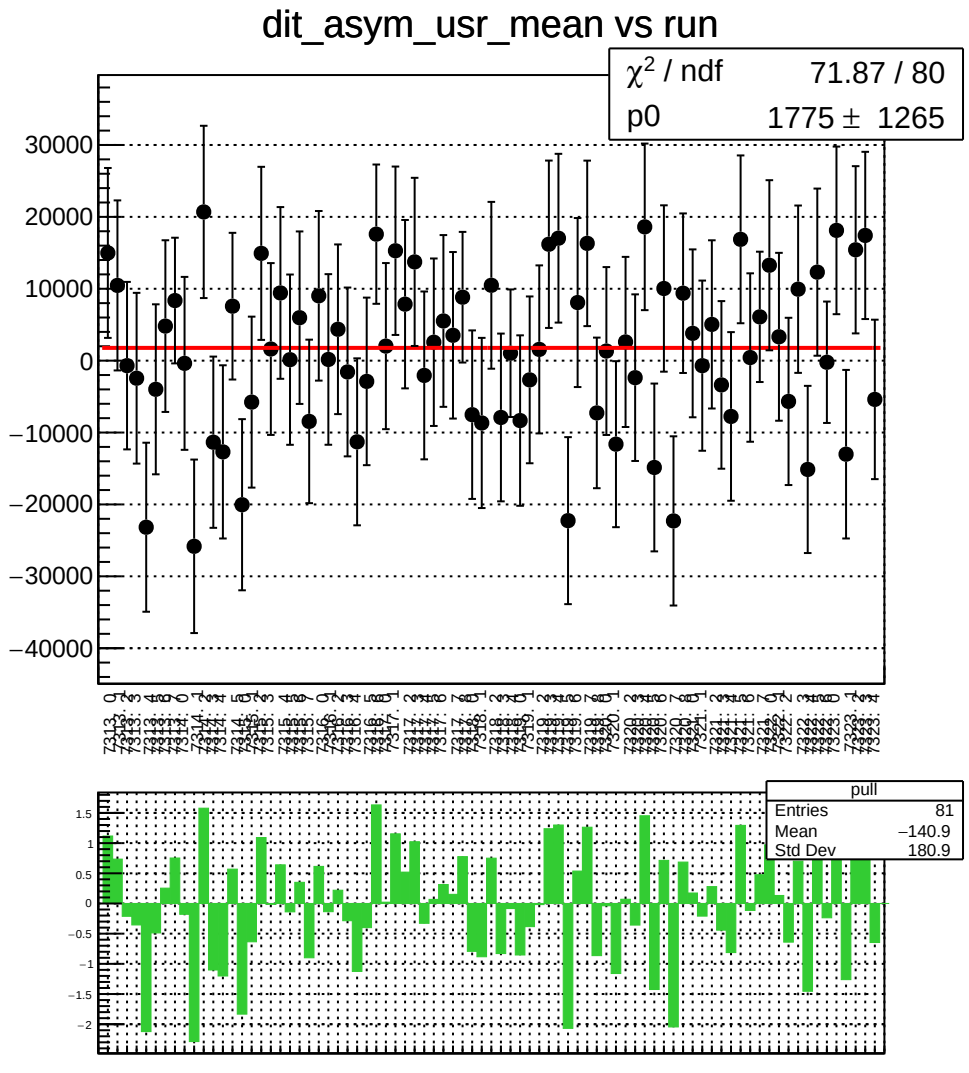

pull1D
Entries 81
Mean 0.0008472
Std Dev 0.9366

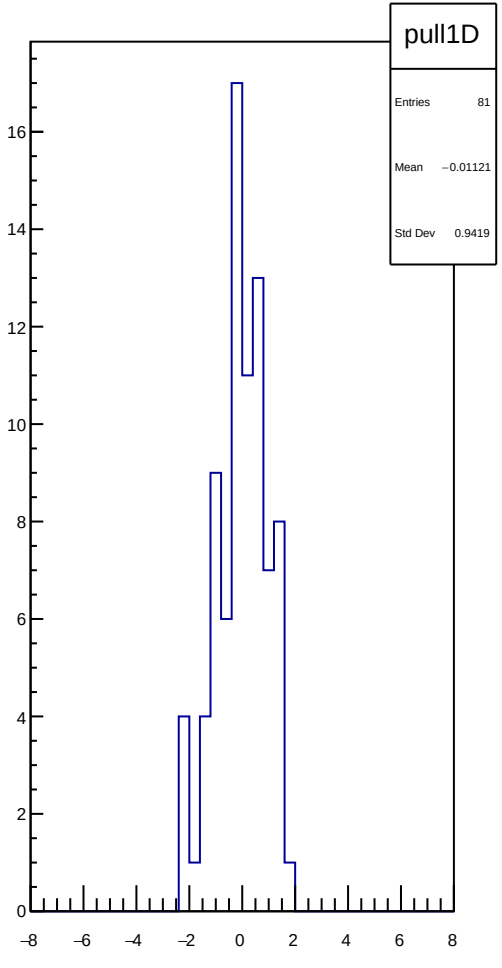

asym_usl_correction_rms vs run
χ² / ndf 1.537e+04 / 80
p0 1988 ± 1.604
2600
2400
2200
2000
1800
1600
1400

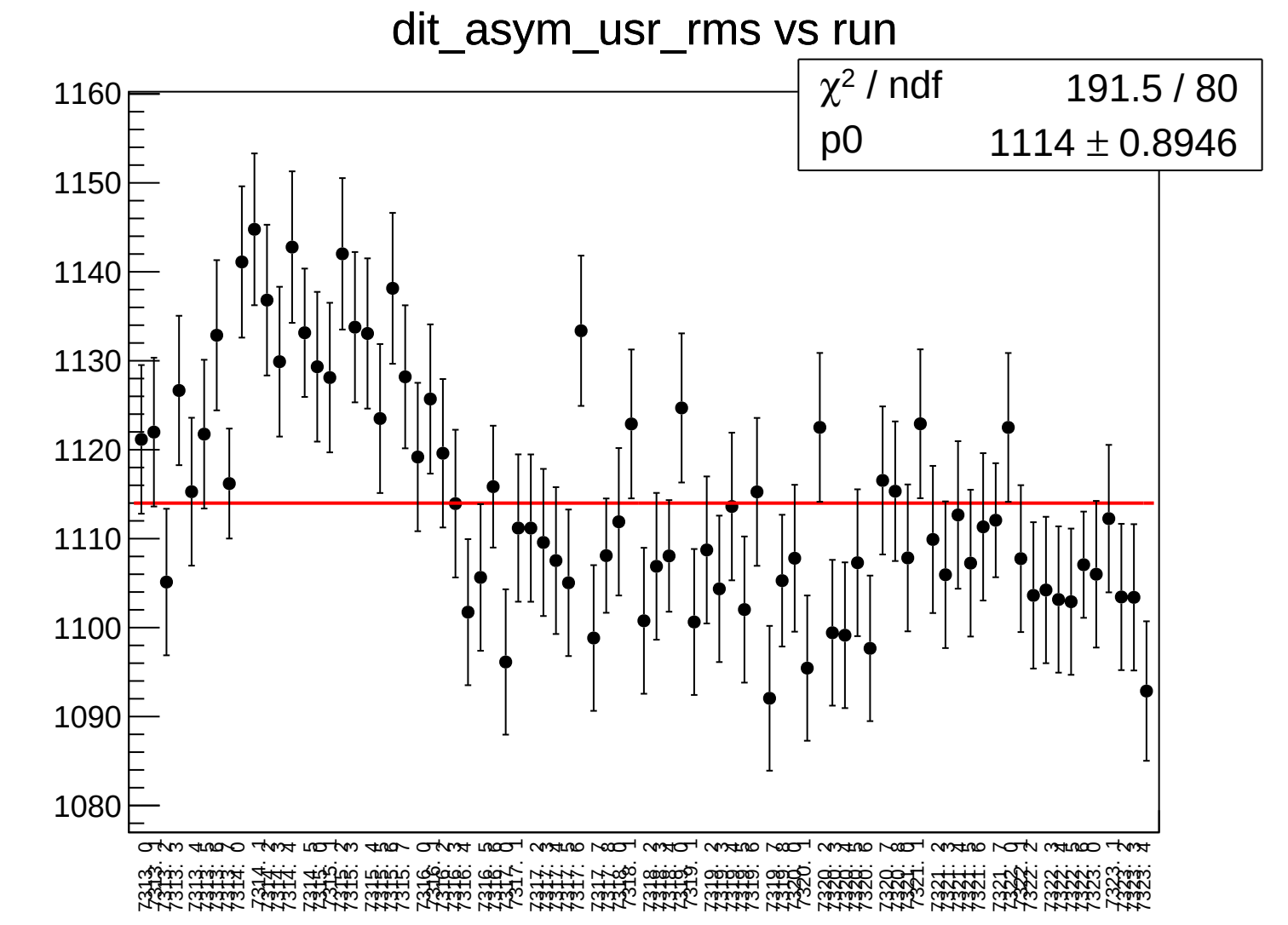

asym_usl_mean vs run
×10^3
χ² / ndf 76.46 / 80
p0 −1749 ± 2618
pull
Entries 81
Mean 1.335e+04
Std Dev 1.331e+04

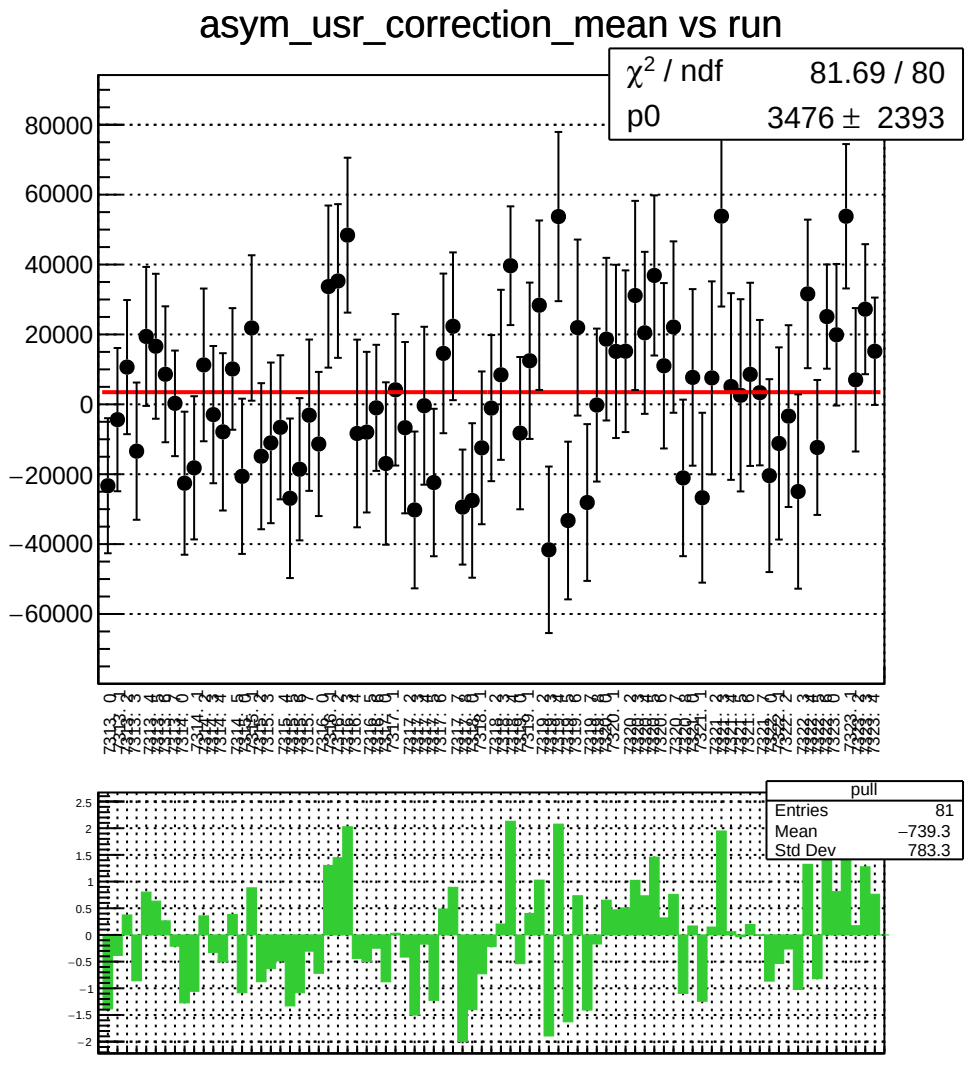

pull1D
Entries 81
Mean −0.0004014
Std Dev 0.9716

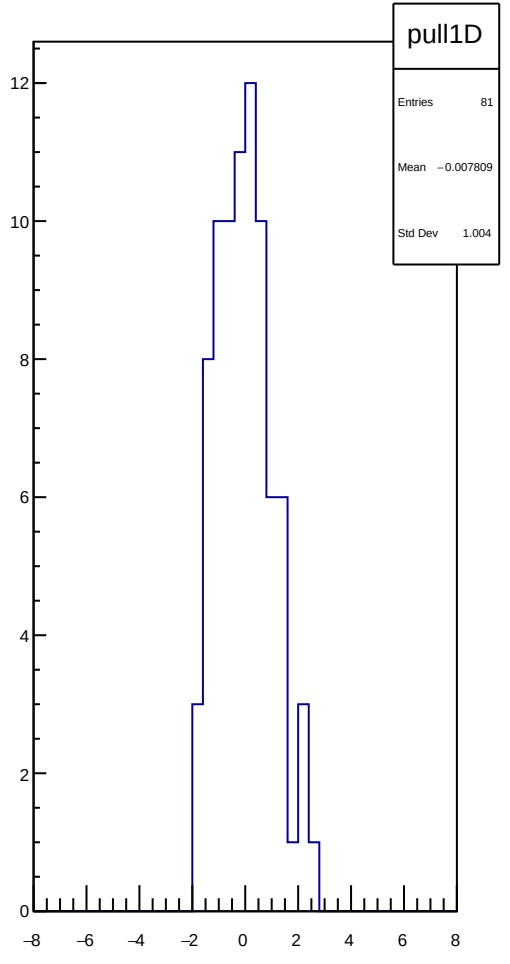

asym_usl_rms vs run
χ² / ndf 8536 / 80
p0 2299 ± 1.851
2800
2600
2400
2200
2000
1800

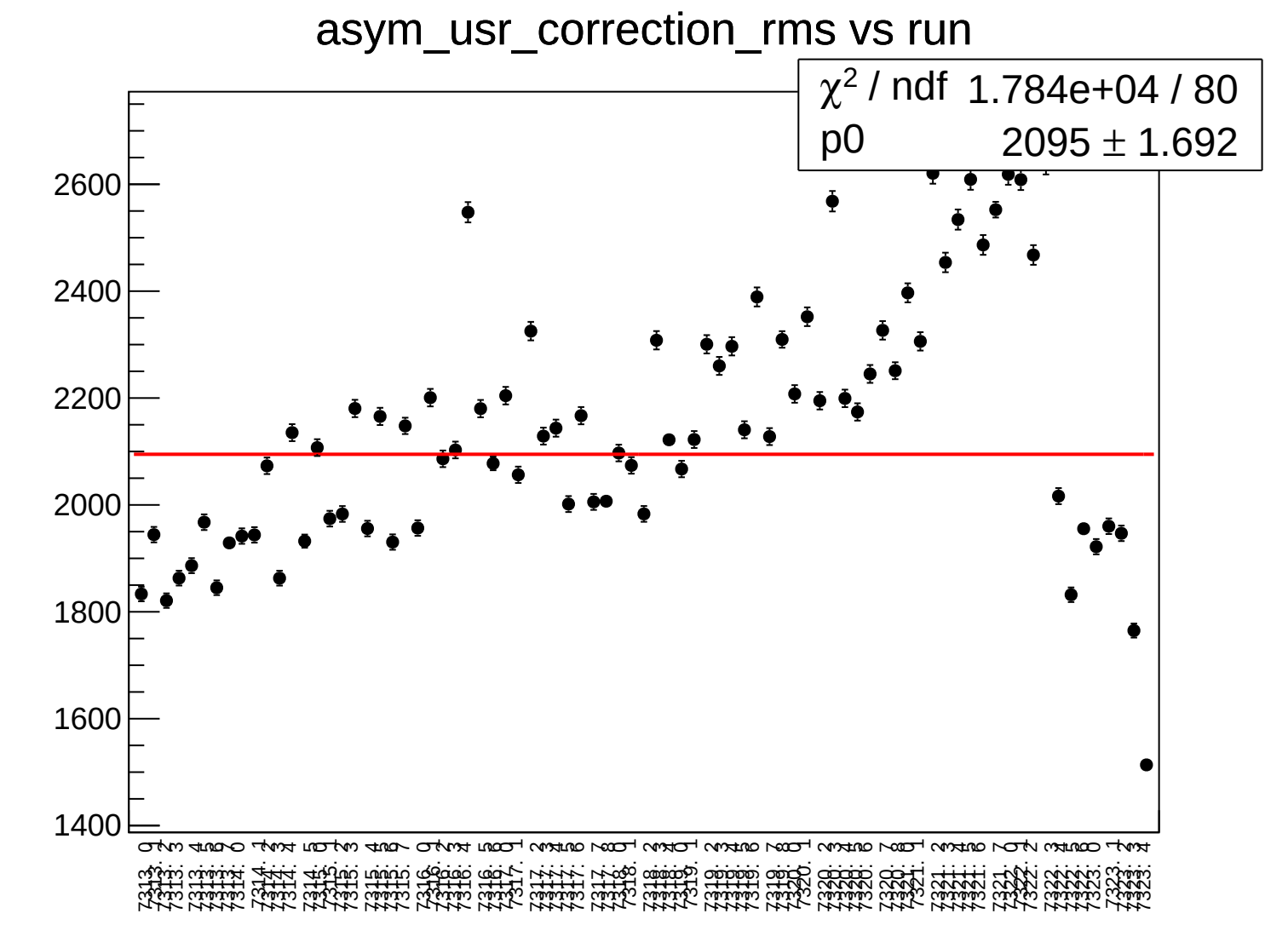

dit_asym_usr_mean vs run
χ^2 / ndf 71.87 / 80
p0 1775 ± 1265
pull
Entries 81
Mean −140.9
Std Dev 180.9

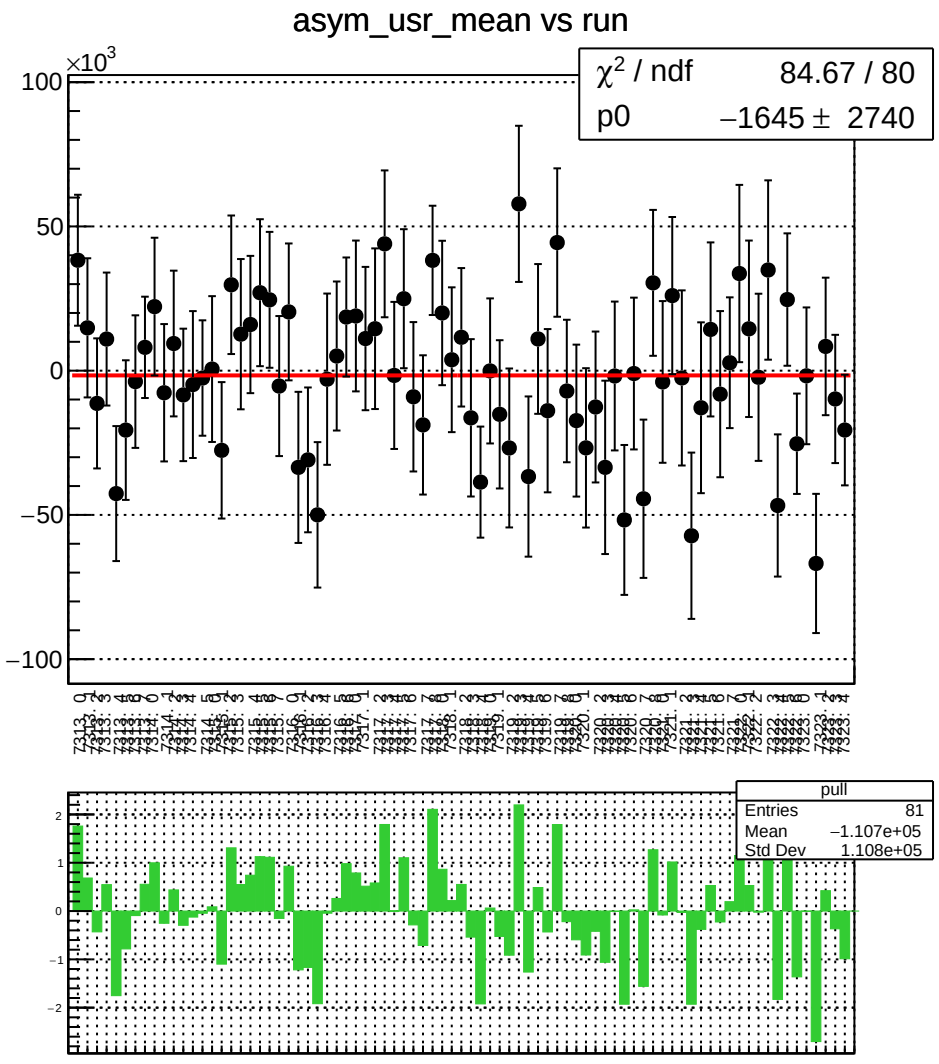

pull1D
Entries 81
Mean −0.01121
Std Dev 0.9419

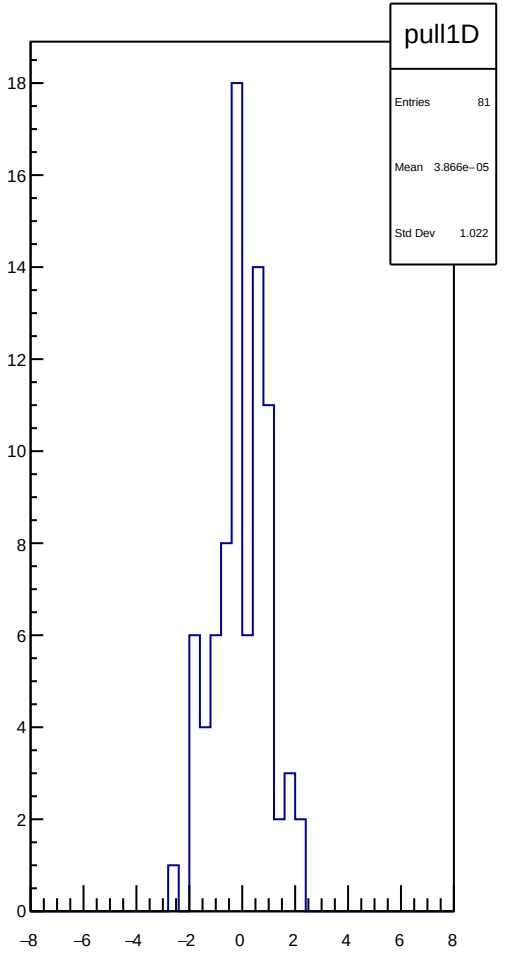

dit_asym_usr_rms vs run
χ² / ndf 191.5 / 80
p0 1114 ± 0.8946
1160
1150
1140
1130
1120
1110
1100
1090
1080

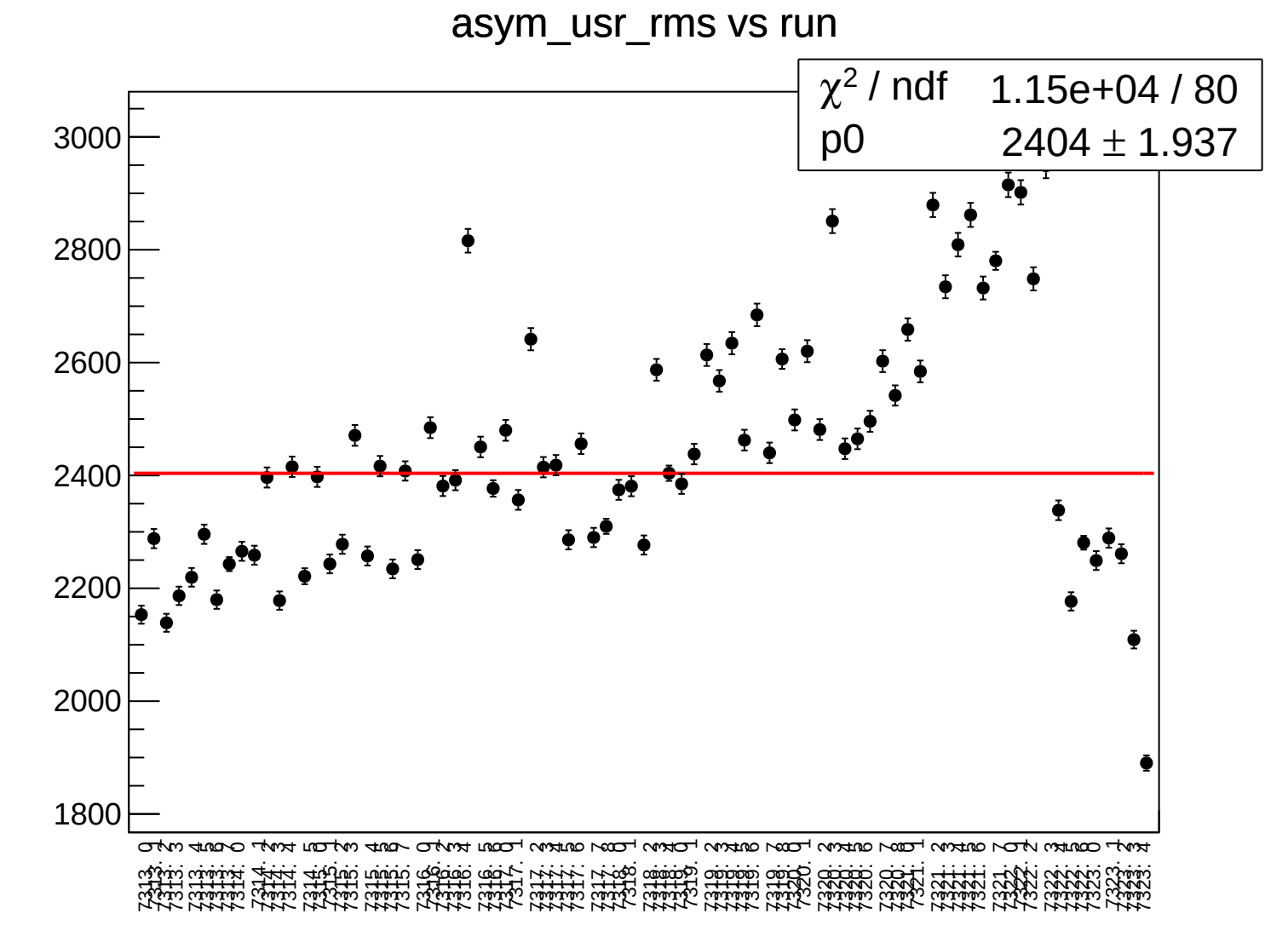

asym_usr_correction_mean vs run
χ² / ndf 81.69 / 80
p0 3476 ± 2393
pull
Entries 81
Mean −739.3
Std Dev 783.3

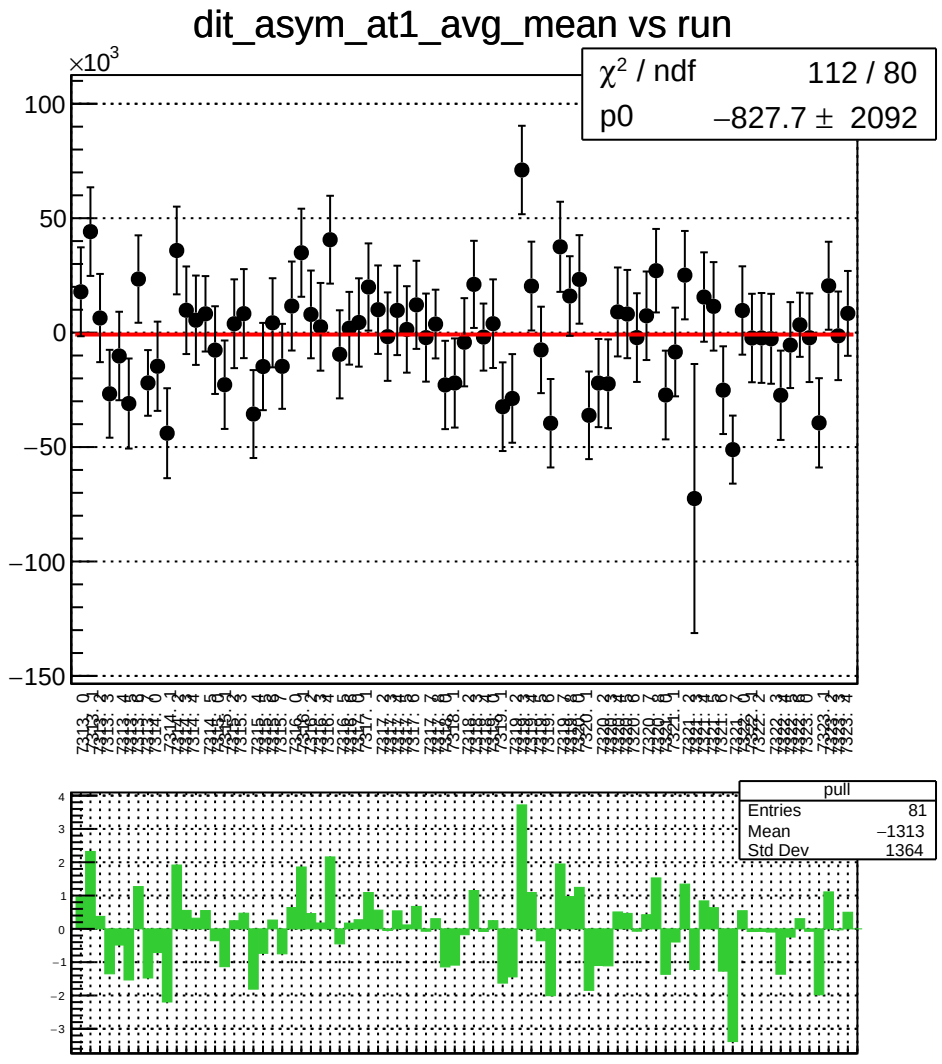

pull1D
Entries 81
Mean −0.007809
Std Dev 1.004

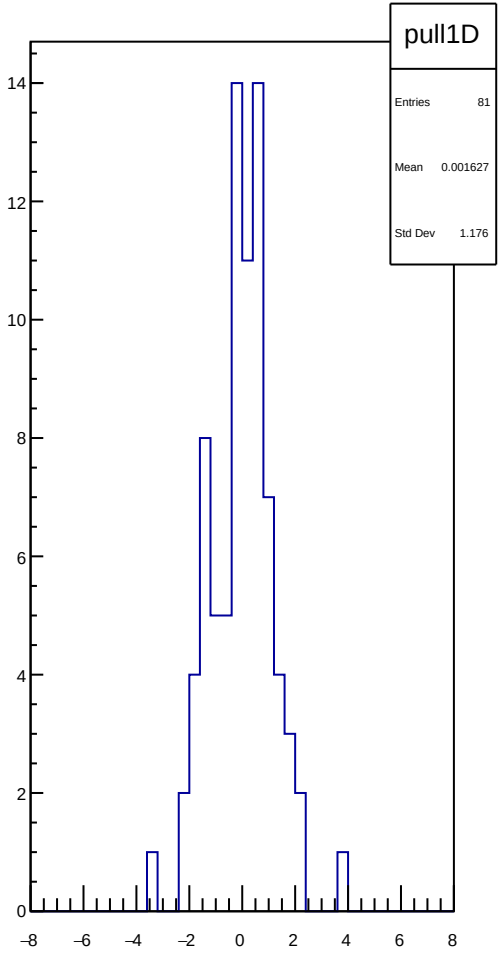

asym_usr_correction_rms vs run
χ² / ndf 1.784e+04 / 80
p0 2095 ± 1.692
2600
2400
2200
2000
1800
1600
1400

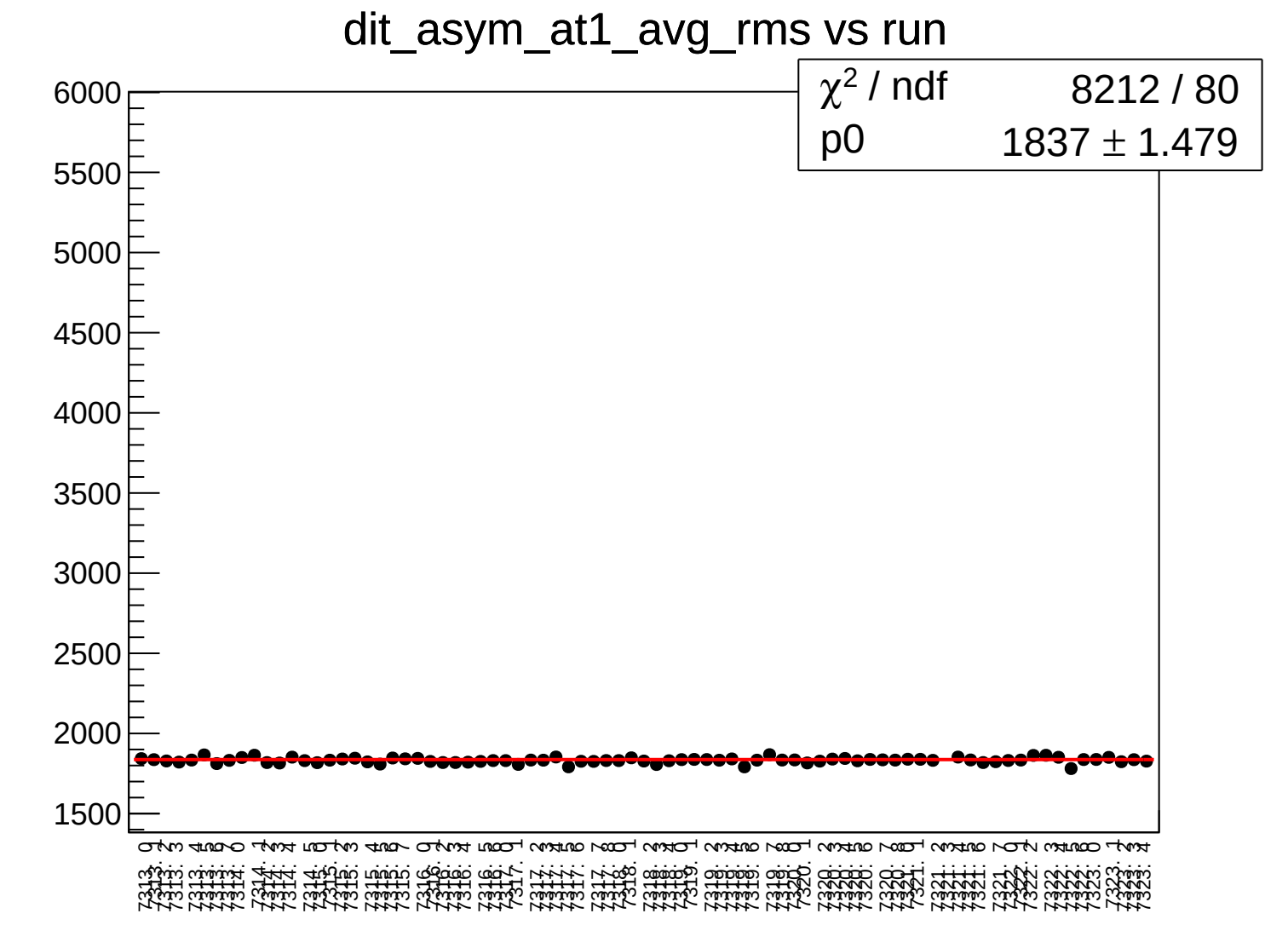

asym_usr_mean vs run
×10^3
100
50
0
−50
−100
χ² / ndf 84.67 / 80
p0 −1645 ± 2740
pull
Entries 81
Mean −1.107e+05
Std Dev 1.108e+05
2
1
0
−1
−2

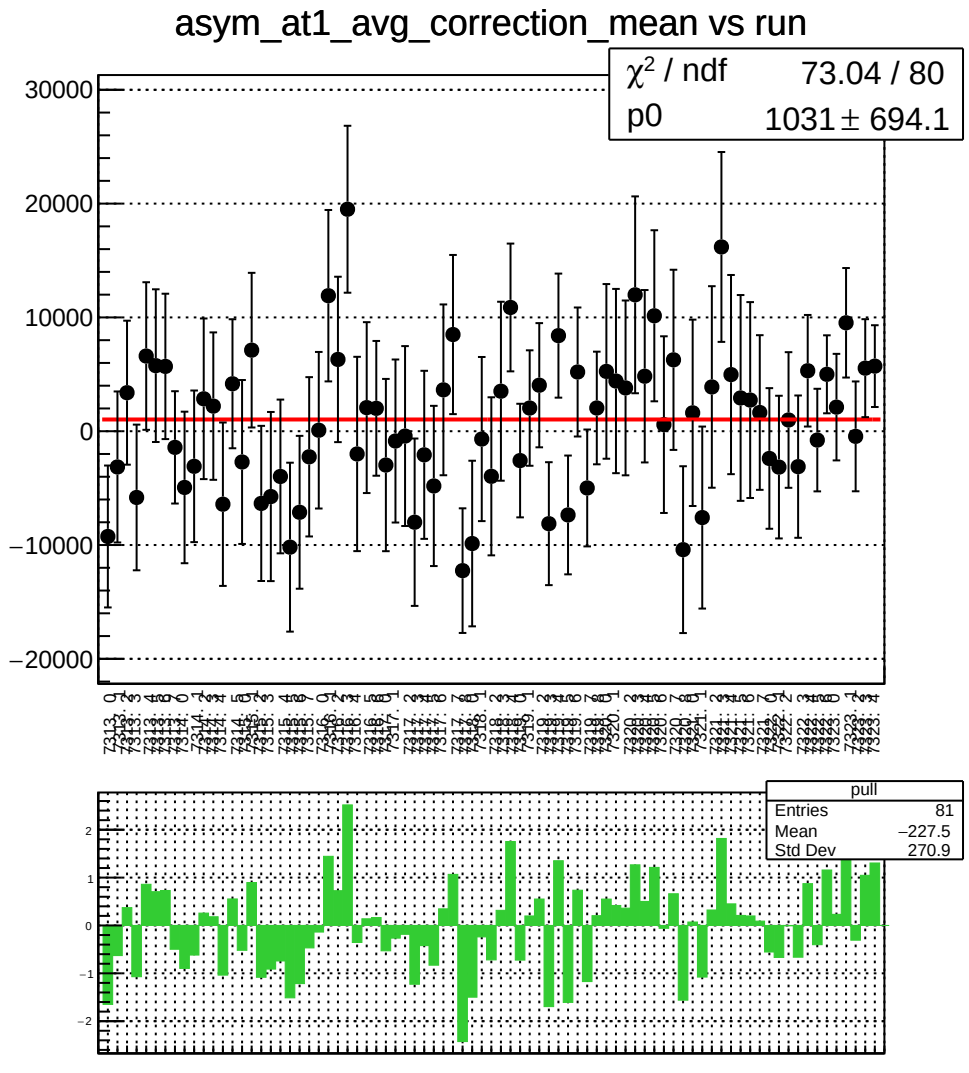

pull1D
Entries 81
Mean 3.866e−05
Std Dev 1.022
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

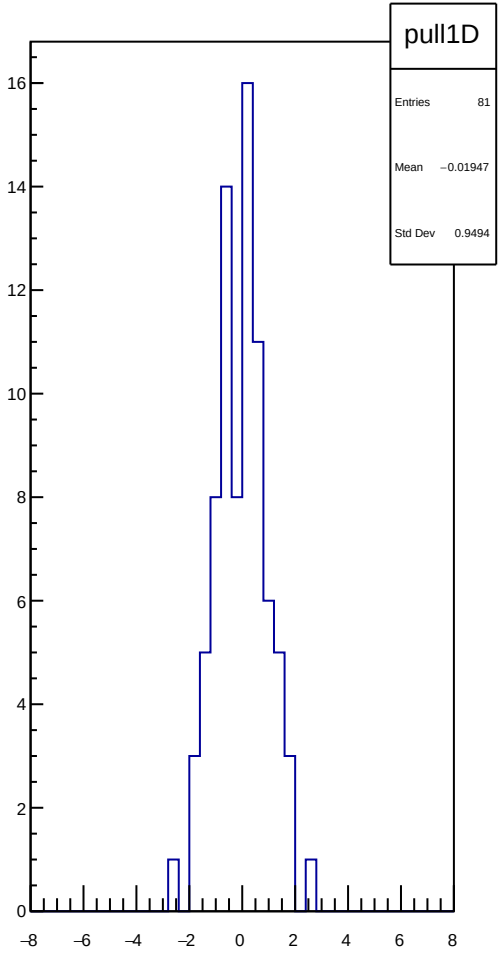

asym_usr_rms vs run
χ² / ndf 1.15e+04 / 80
p0 2404 ± 1.937
3000
2800
2600
2400
2200
2000
1800

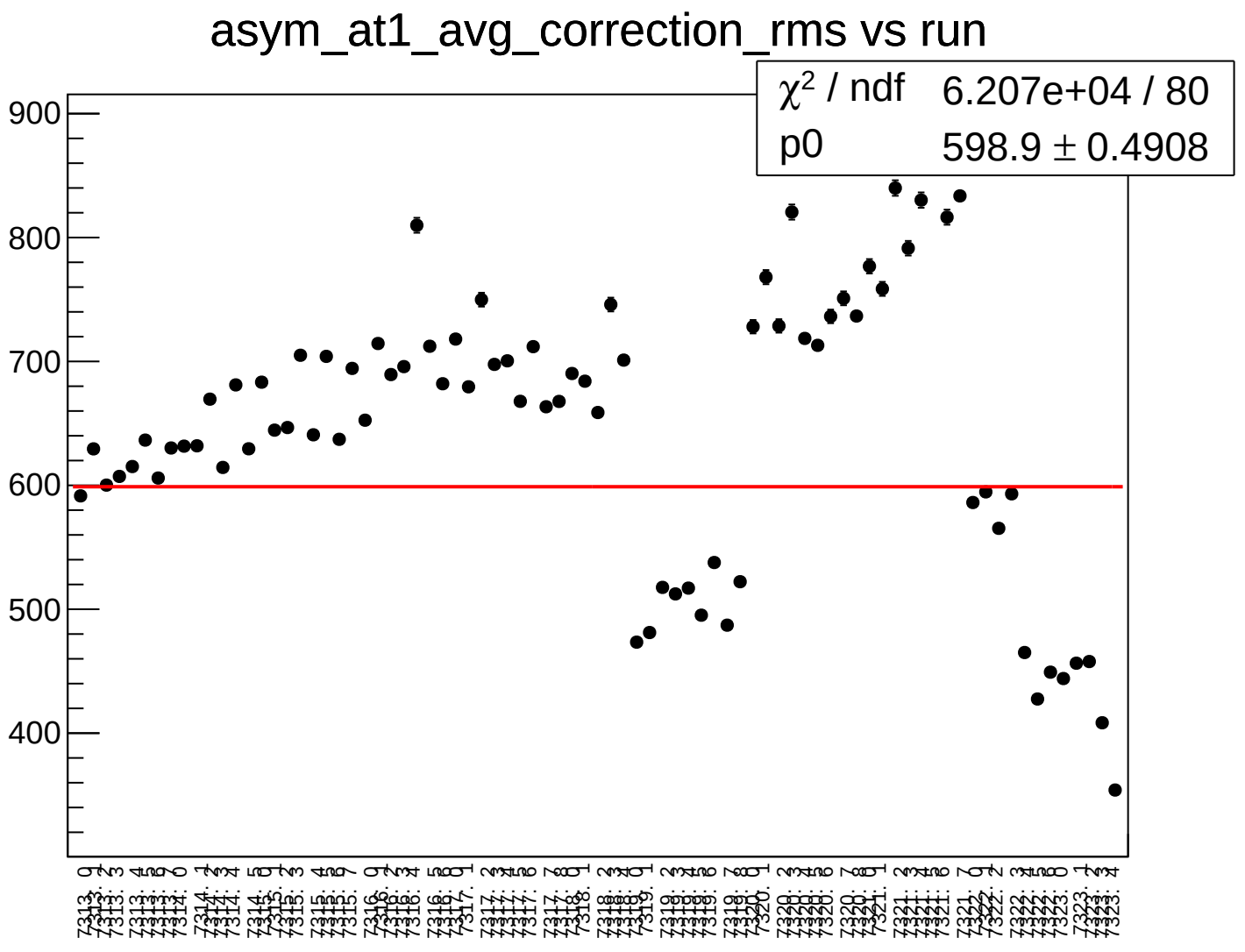

dit_asym_at1_avg_mean vs run
×10^3
χ² / ndf 112 / 80
p0 −827.7 ± 2092
pull
Entries 81
Mean −1313
Std Dev 1364

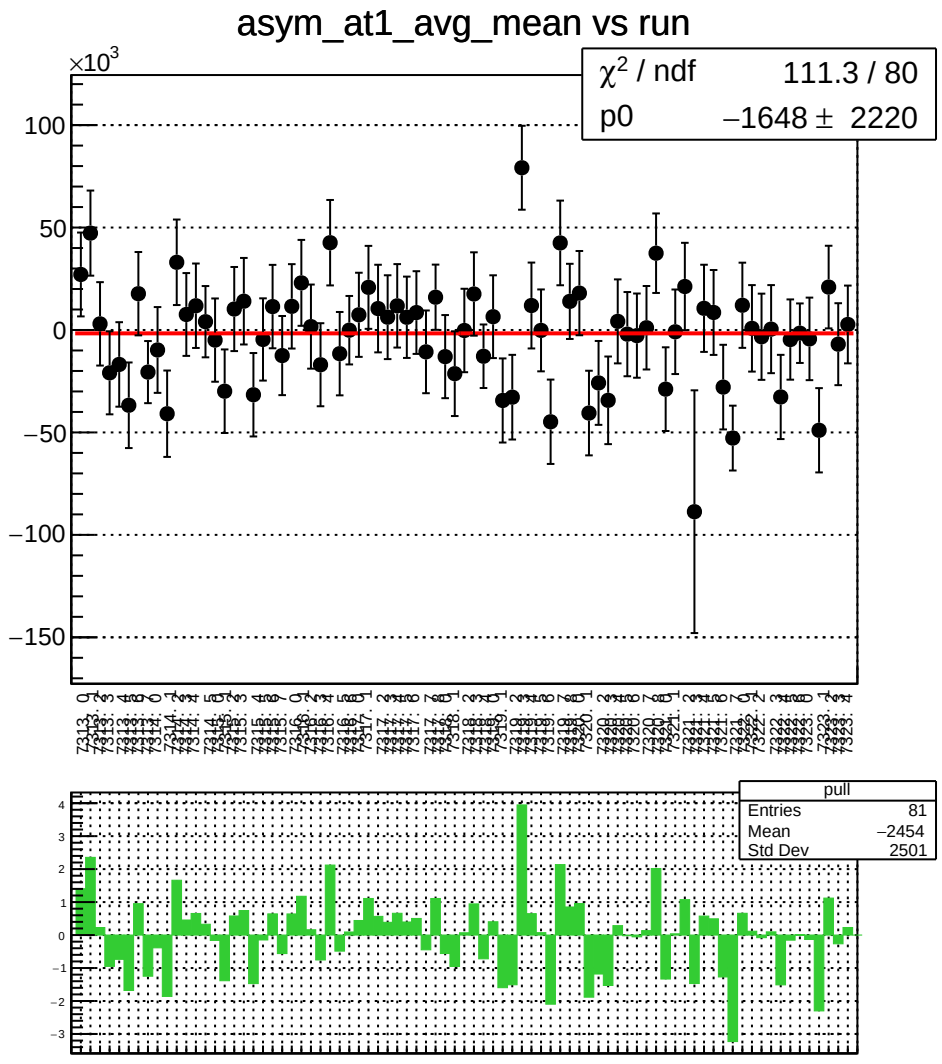

pull1D
Entries 81
Mean 0.001627
Std Dev 1.176

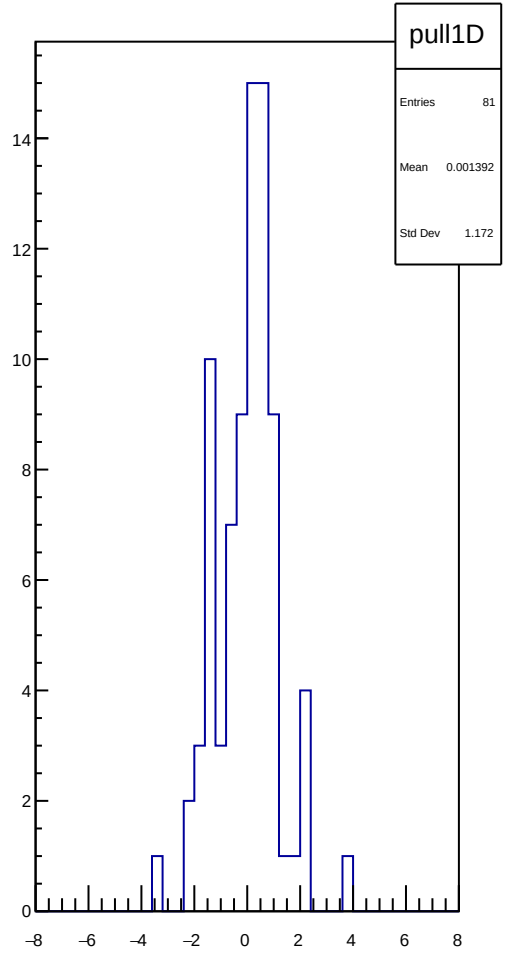

dit_asym_at1_avg_rms vs run
χ² / ndf 8212 / 80
p0 1837 ± 1.479
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500

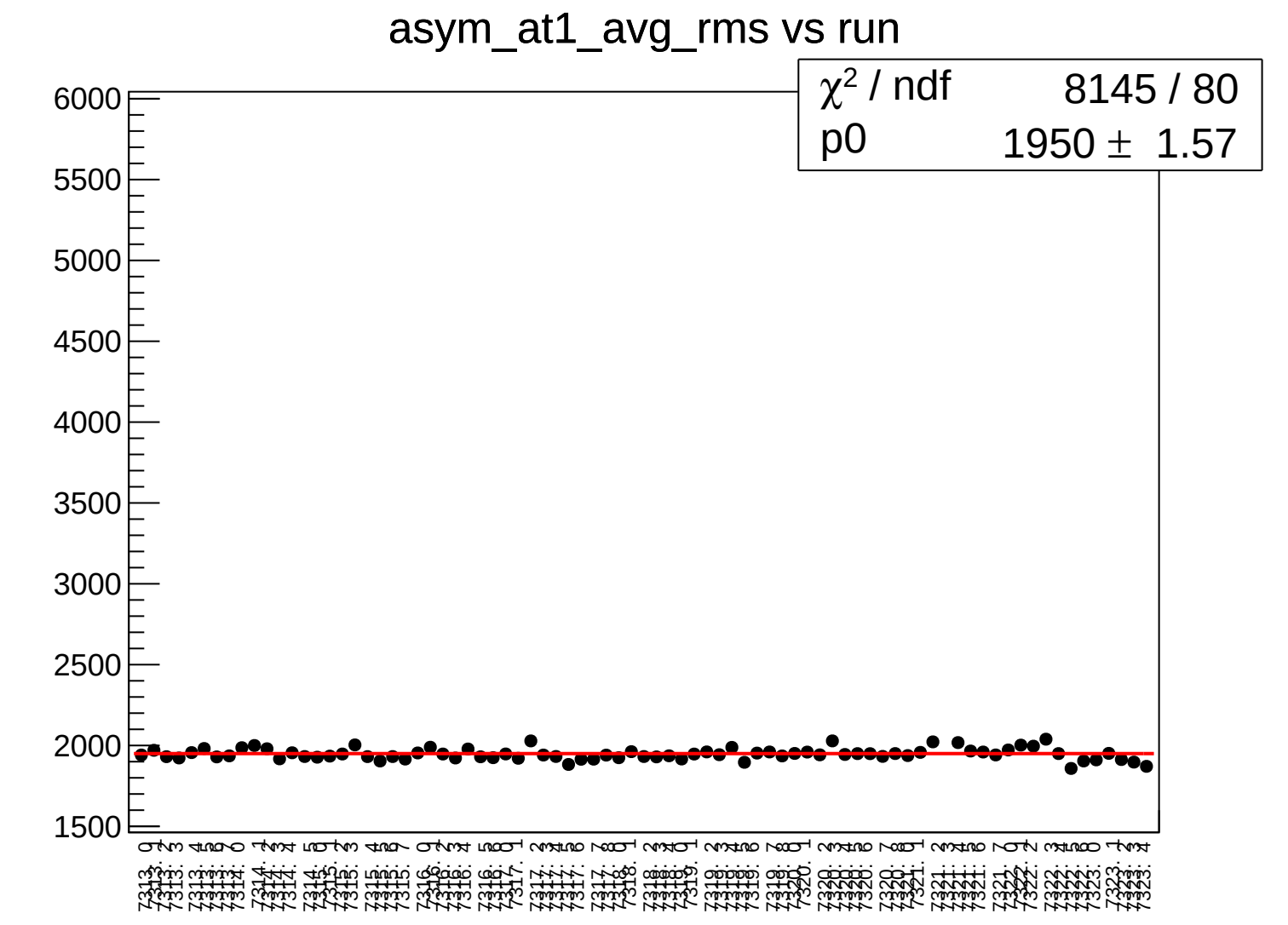

asym_at1_avg_correction_mean vs run
χ² / ndf 73.04 / 80
p0 1031 ± 694.1
pull
Entries 81
Mean −227.5
Std Dev 270.9

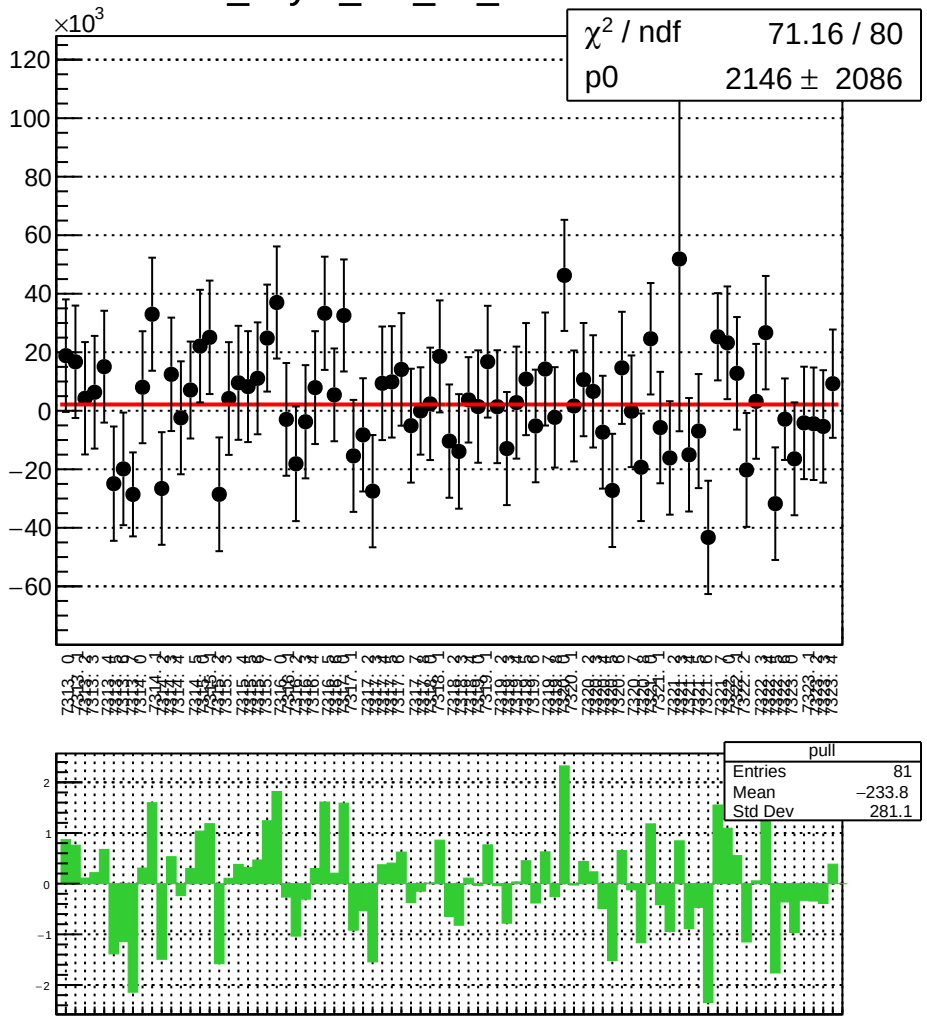

pull1D
Entries 81
Mean −0.01947
Std Dev 0.9494

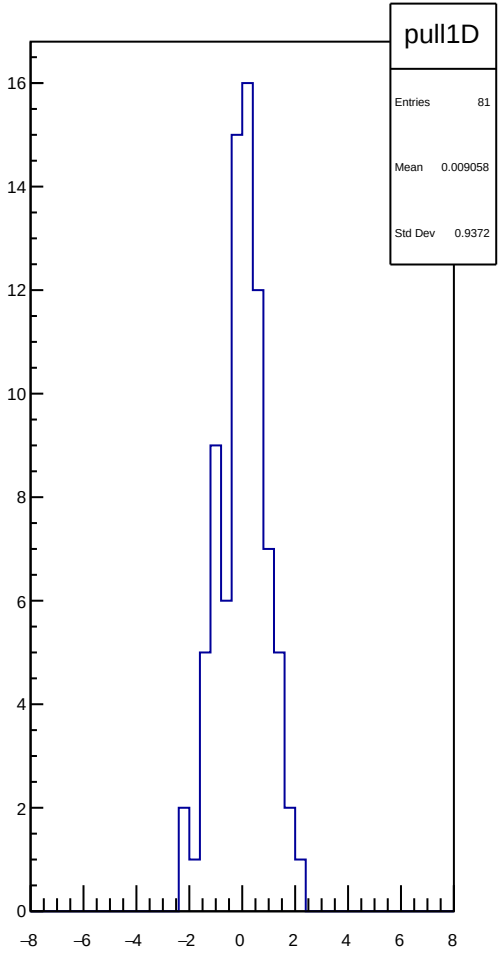

asym_at1_avg_correction_rms vs run
χ² / ndf 6.207e+04 / 80
p0 598.9 ± 0.4908
900
800
700
600
500
400

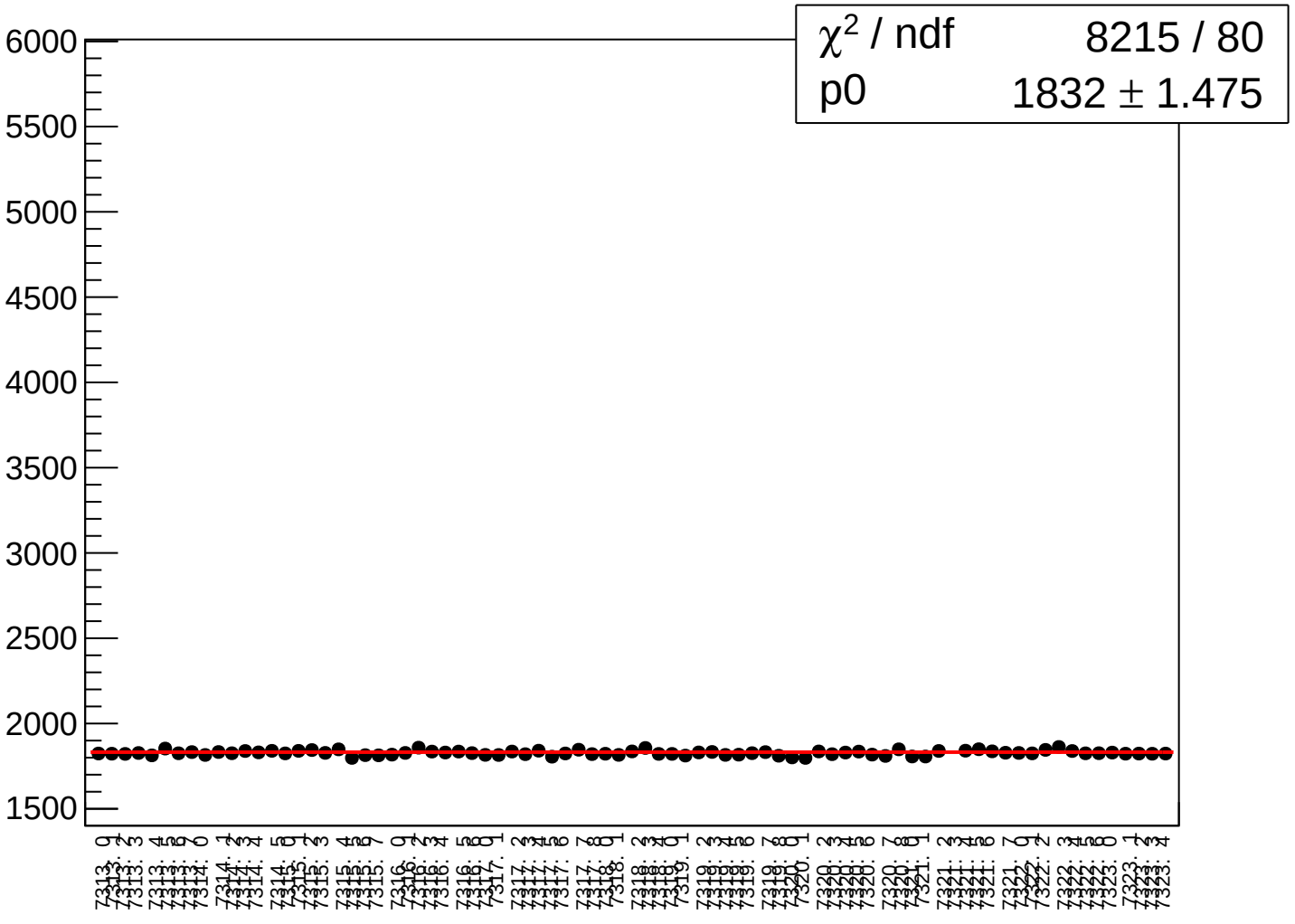

asym_at1_avg_mean vs run
×10^3
χ² / ndf 111.3 / 80
p0 −1648 ± 2220
100
50
0
−50
−100
−150
pull
Entries 81
Mean −2454
Std Dev 2501
4
3
2
1
0
−1
−2
−3

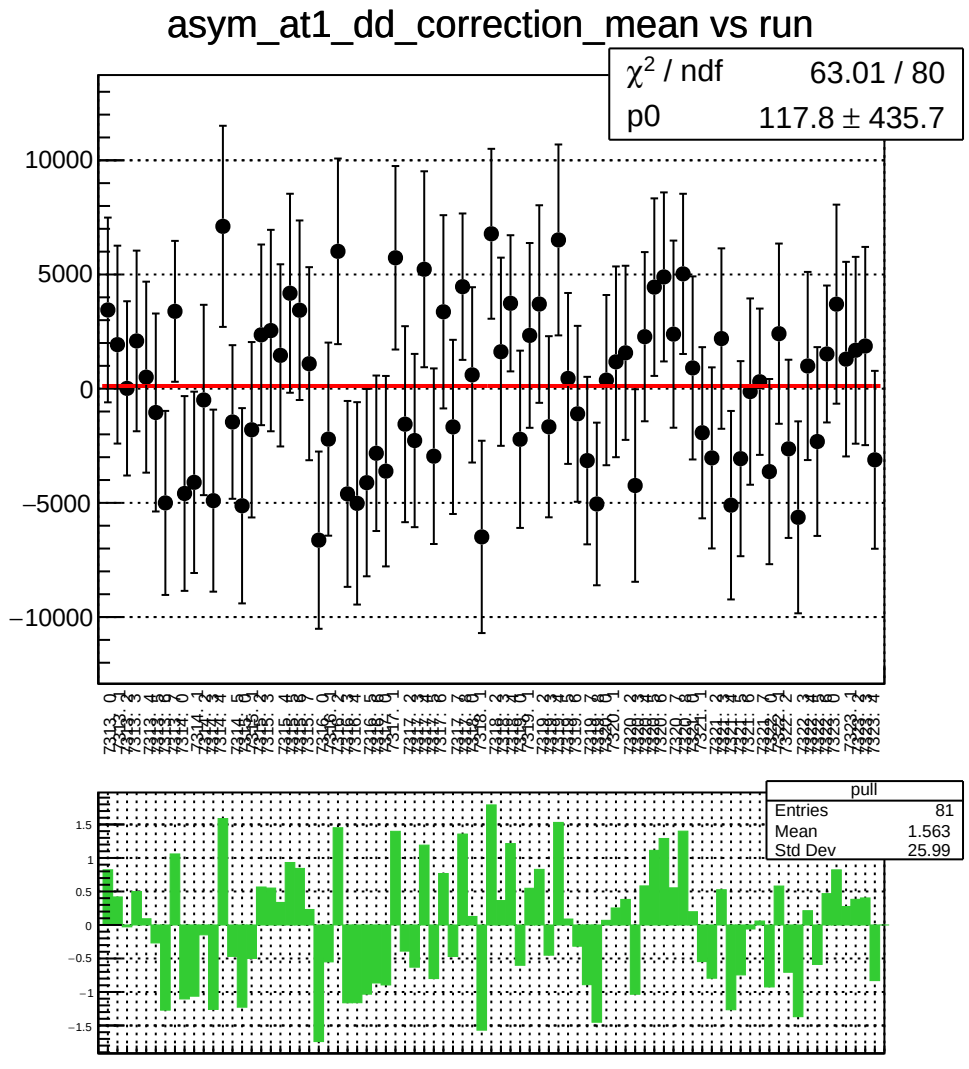

pull1D
Entries 81
Mean 0.001392
Std Dev 1.172
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

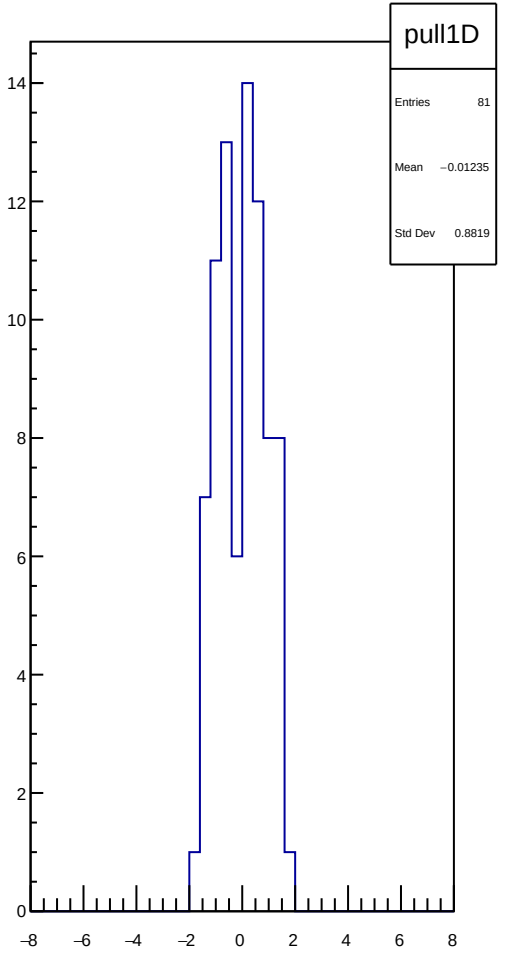

asym_at1_avg_rms vs run
χ² / ndf 8145 / 80
p0 1950 ± 1.57
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500

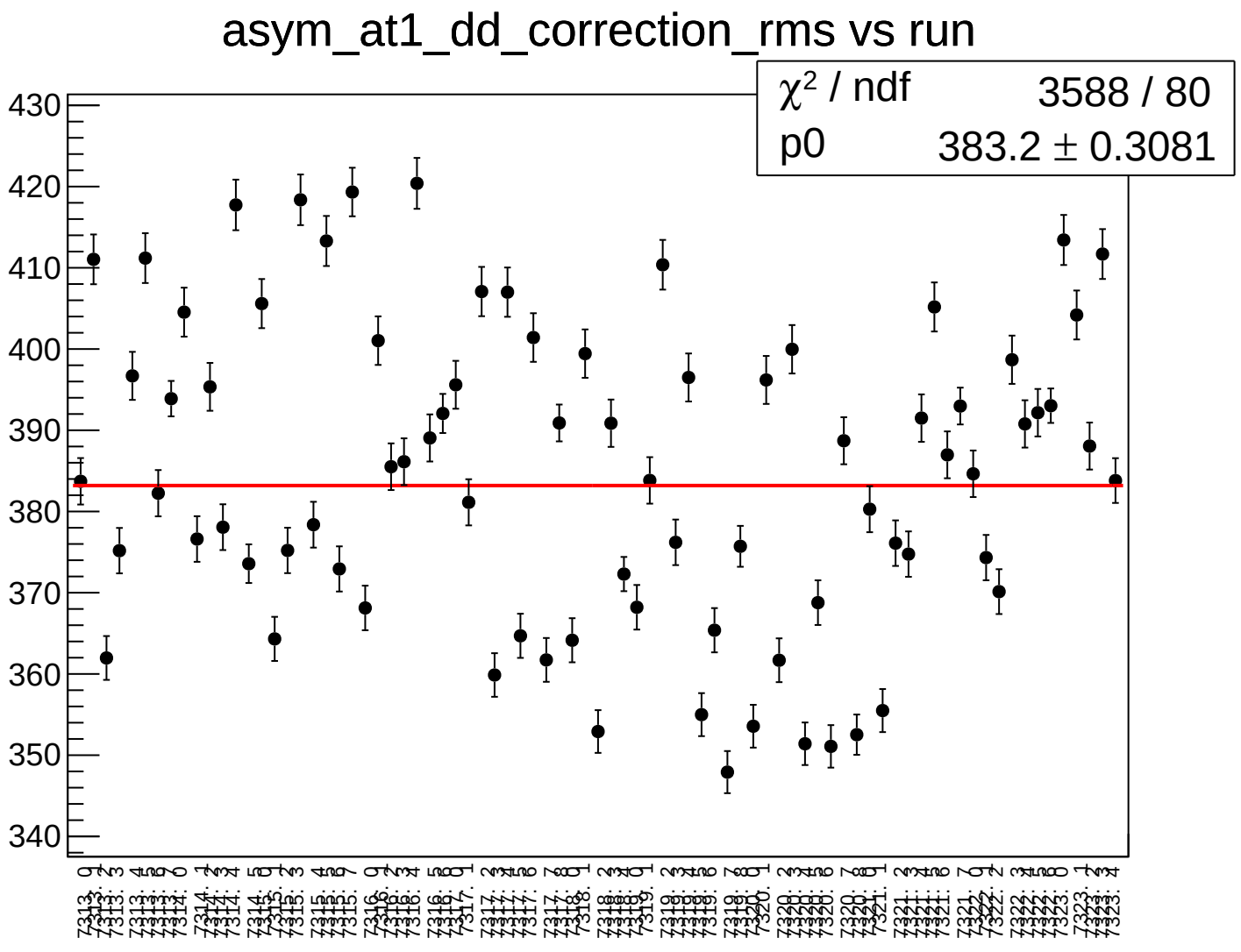

dit_asym_at1_dd_mean vs run
×10^3
χ^2 / ndf 71.16 / 80
p0 2146 ± 2086
pull
Entries 81
Mean −233.8
Std Dev 281.1

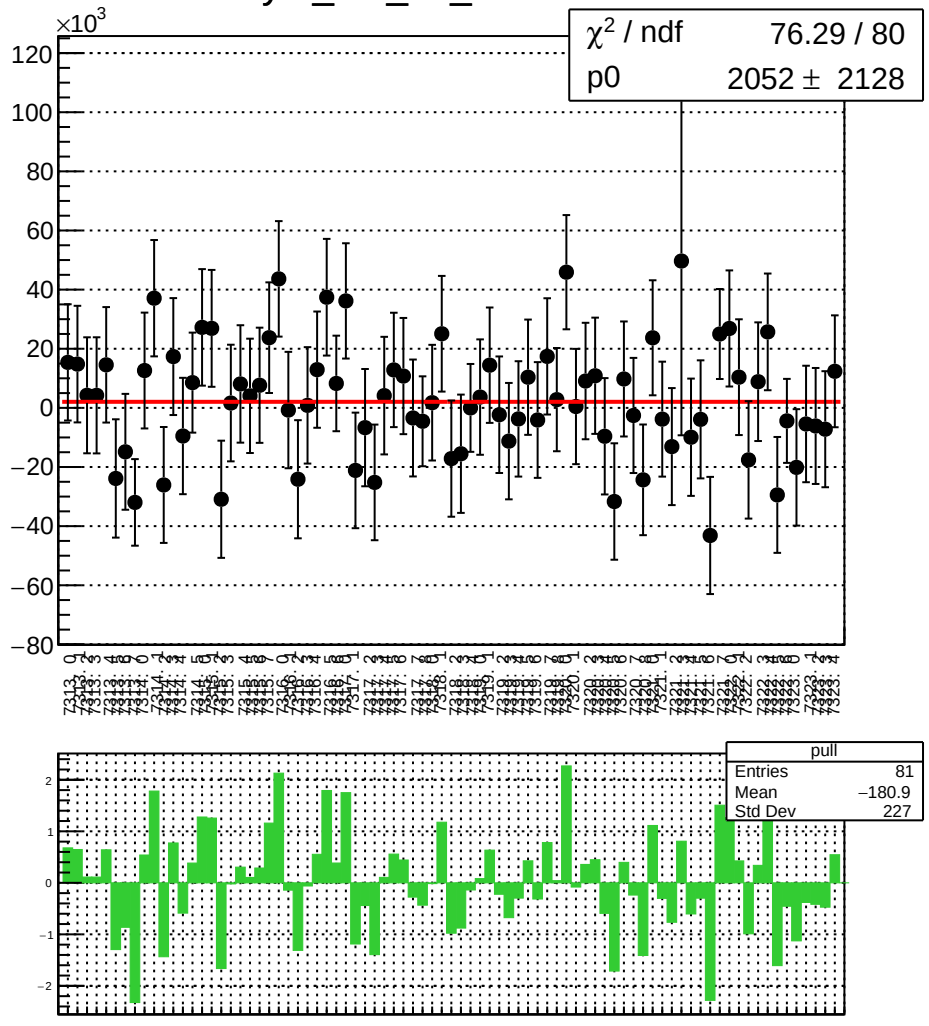

pull1D
Entries 81
Mean 0.009058
Std Dev 0.9372

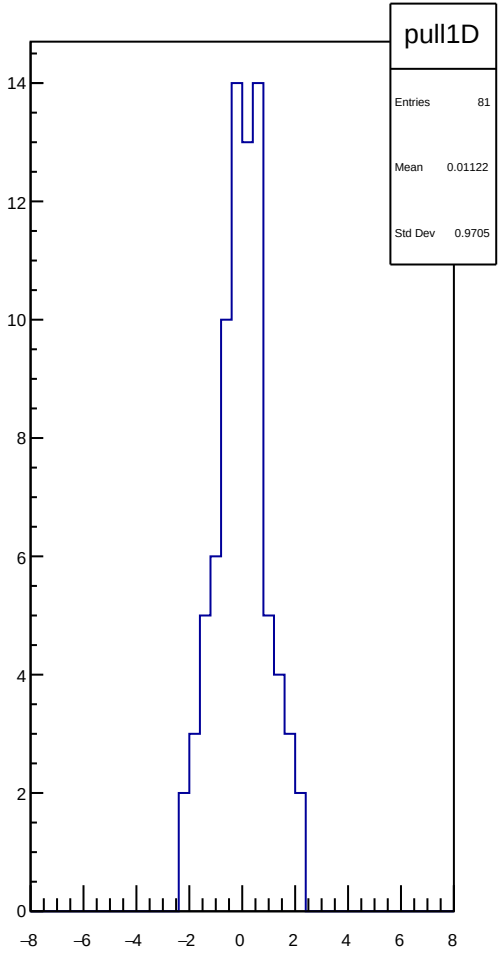

dit_asym_at1_dd_rms vs run
χ^2 / ndf 8215 / 80
p0 1832 ± 1.475
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500

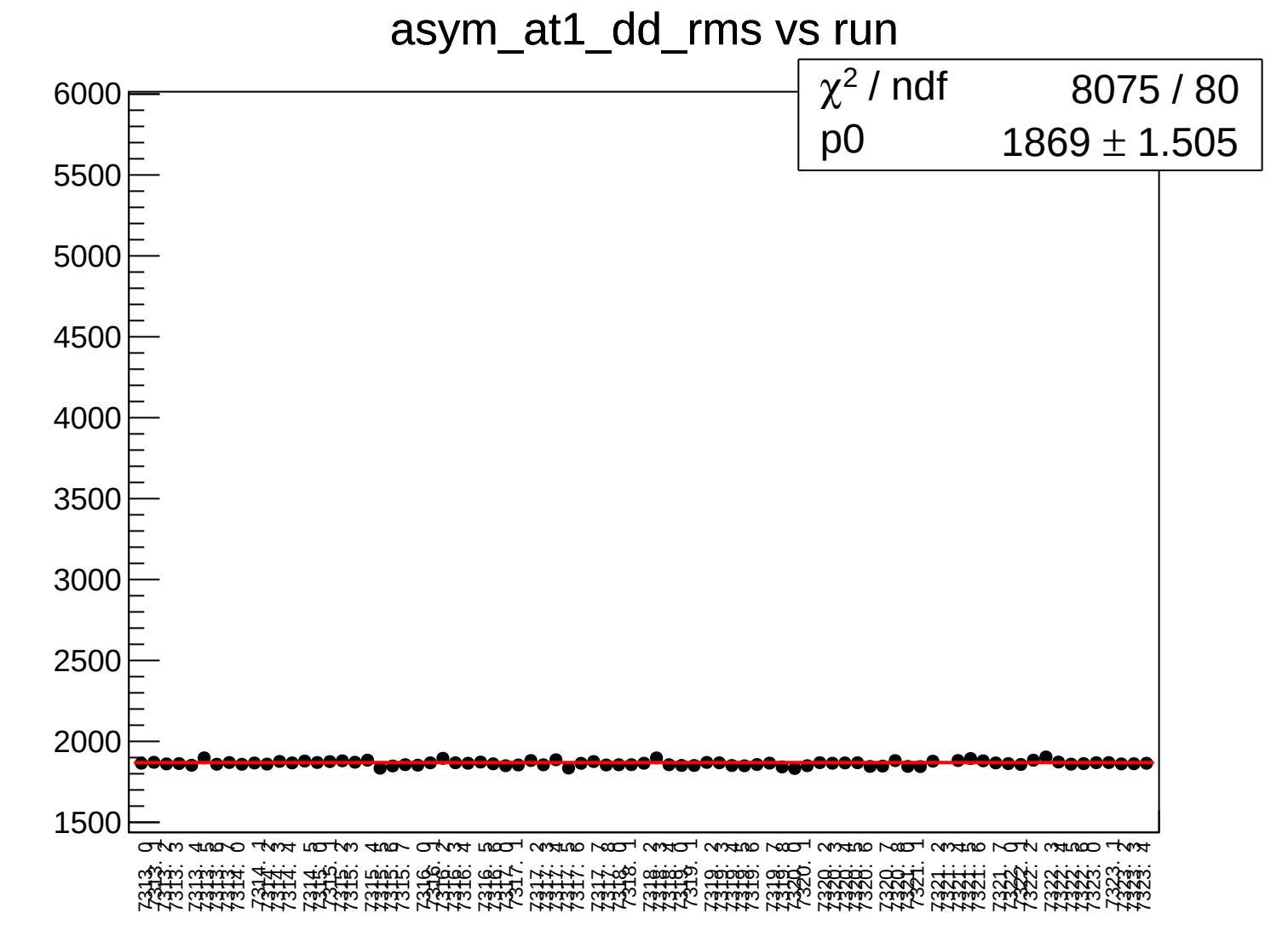

asym_at1_dd_correction_mean vs run
χ² / ndf 63.01 / 80
p0 117.8 ± 435.7
10000
5000
0
−5000
−10000
pull
Entries 81
Mean 1.563
Std Dev 25.99
1.5
1
0.5
0
−0.5
−1
−1.5

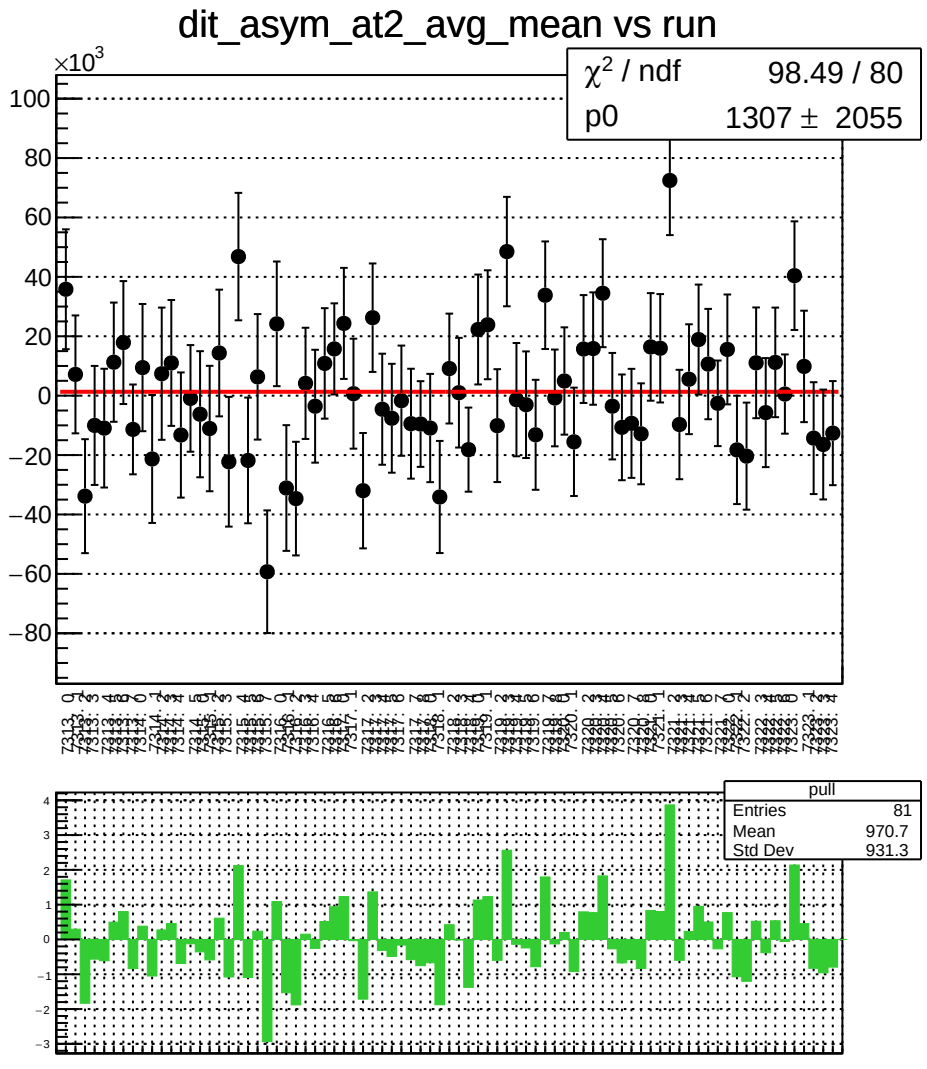

pull1D
Entries 81
Mean −0.01235
Std Dev 0.8819
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

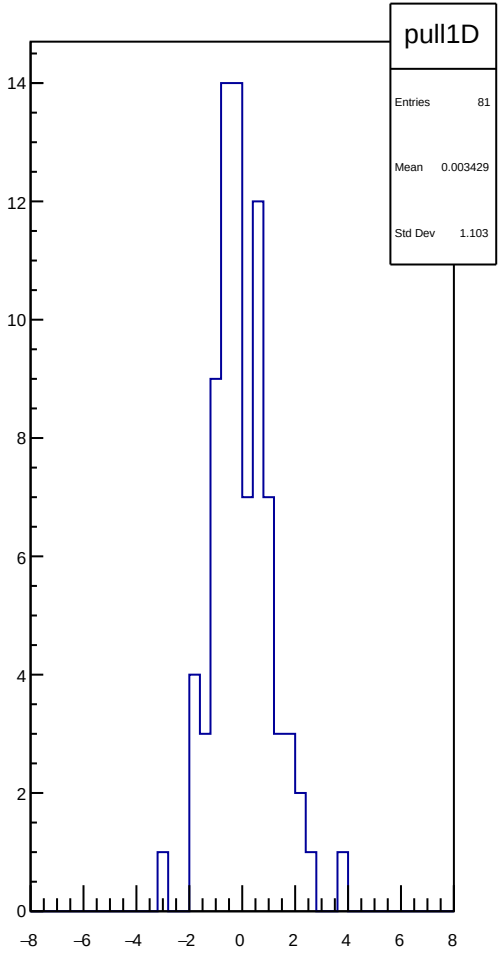

asym_at1_dd_correction_rms vs run
χ² / ndf 3588 / 80
p0 383.2 ± 0.3081
430
420
410
400
390
380
370
360
350
340

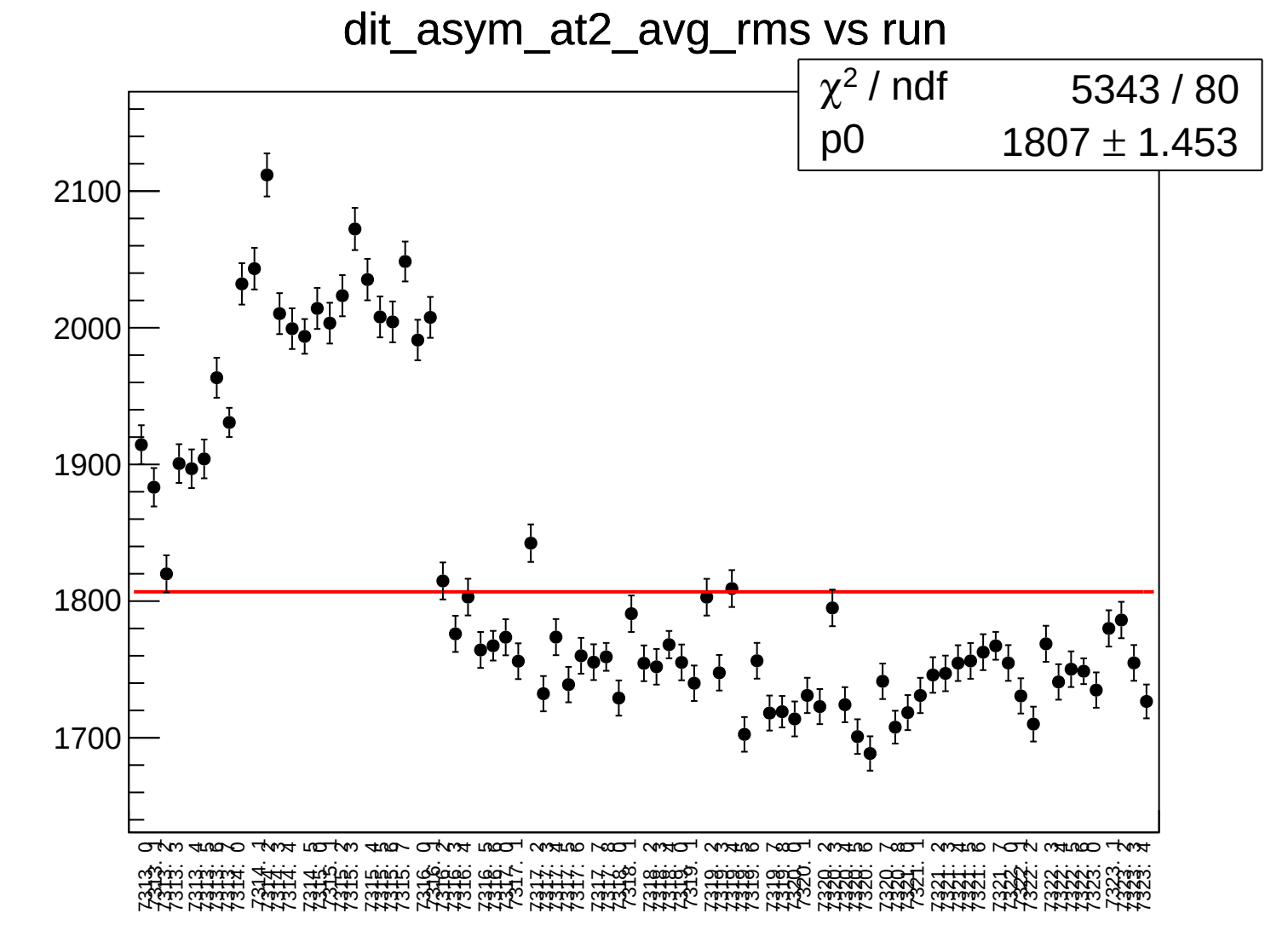

asym_at1_dd_mean vs run
×10^3
χ² / ndf 76.29 / 80
p0 2052 ± 2128
pull
Entries 81
Mean −180.9
Std Dev 227

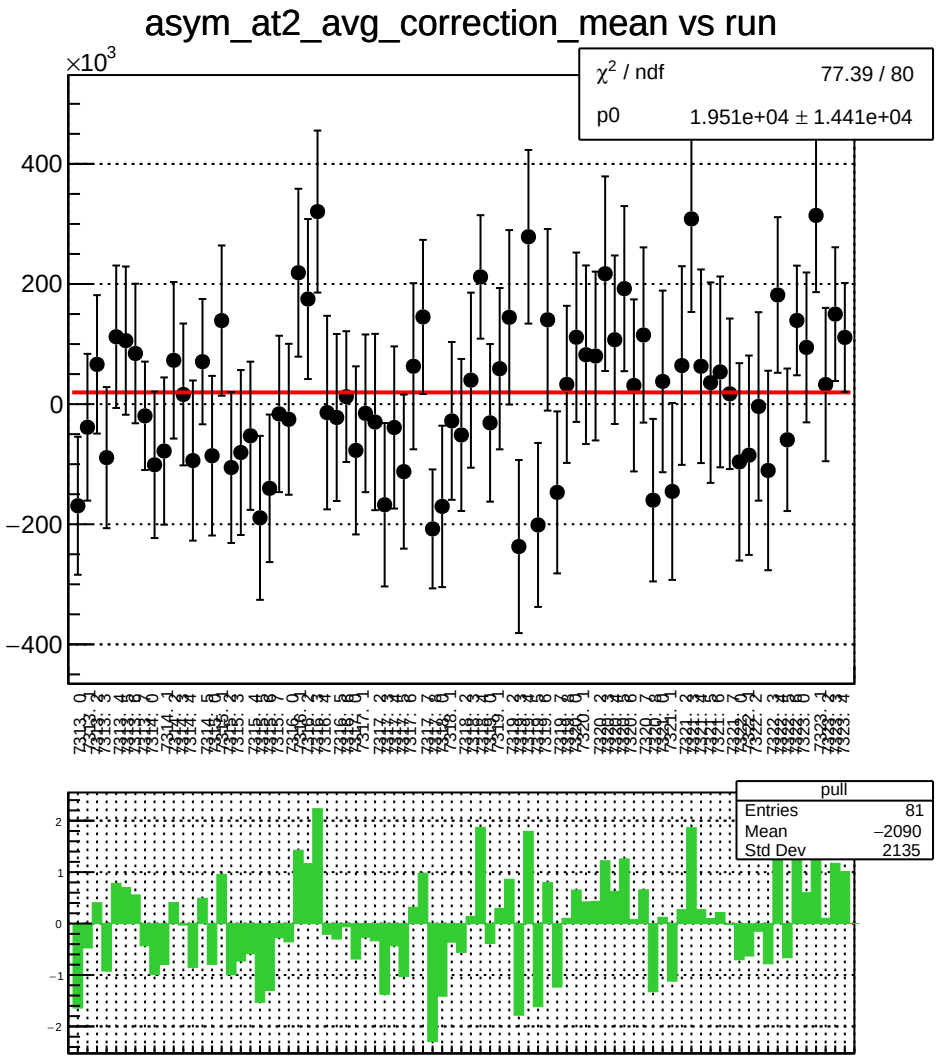

pull1D
Entries 81
Mean 0.01122
Std Dev 0.9705

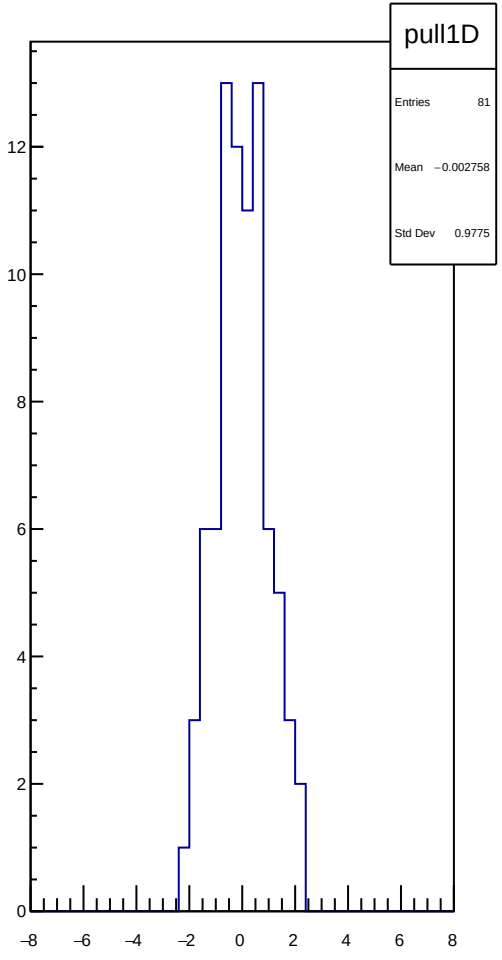

asym_at1_dd_rms vs run
χ^2 / ndf 8075 / 80
p0 1869 ± 1.505
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500

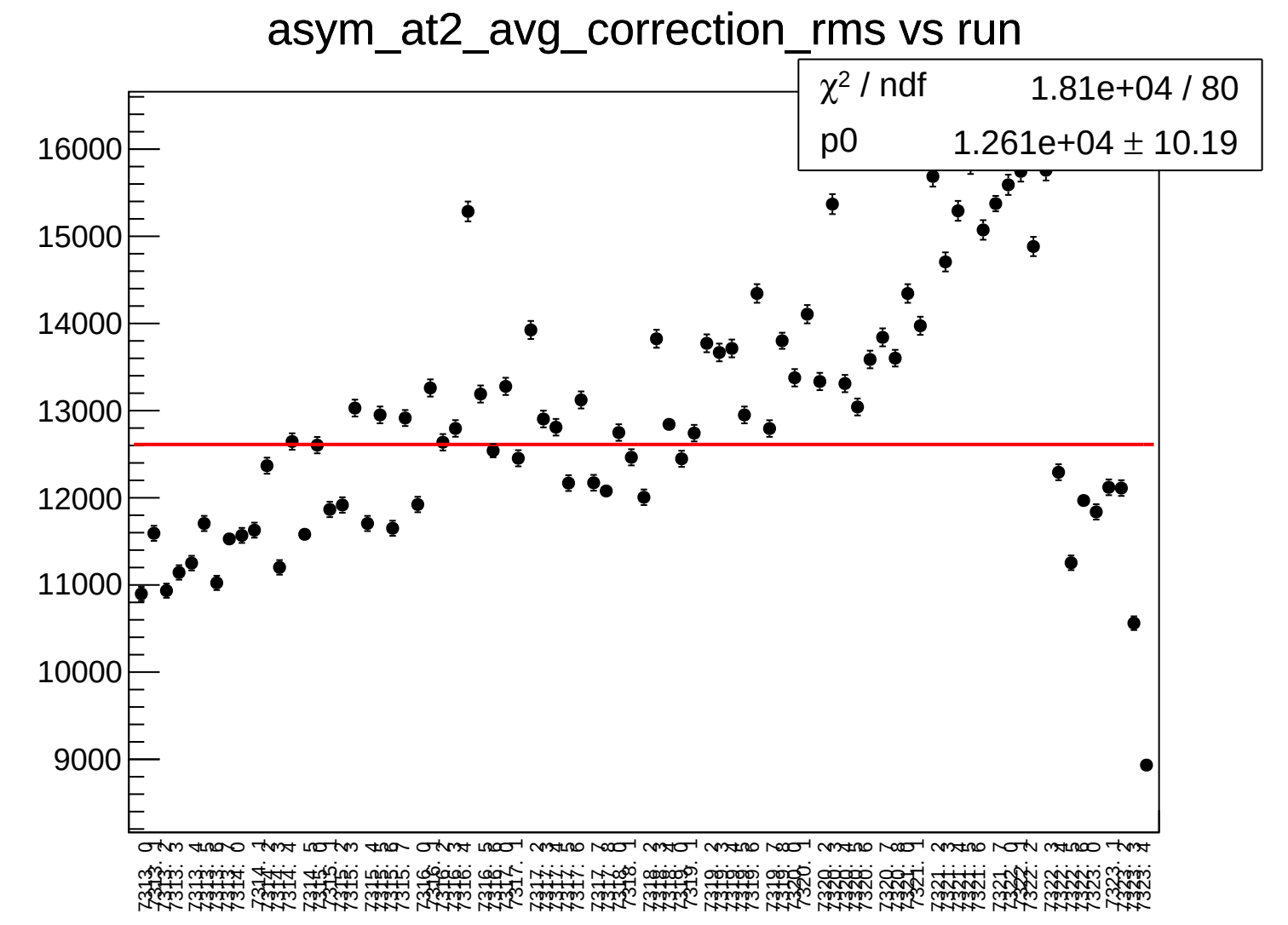

dit_asym_at2_avg_mean vs run
×10^3
χ² / ndf 98.49 / 80
p0 1307 ± 2055
pull
Entries 81
Mean 970.7
Std Dev 931.3

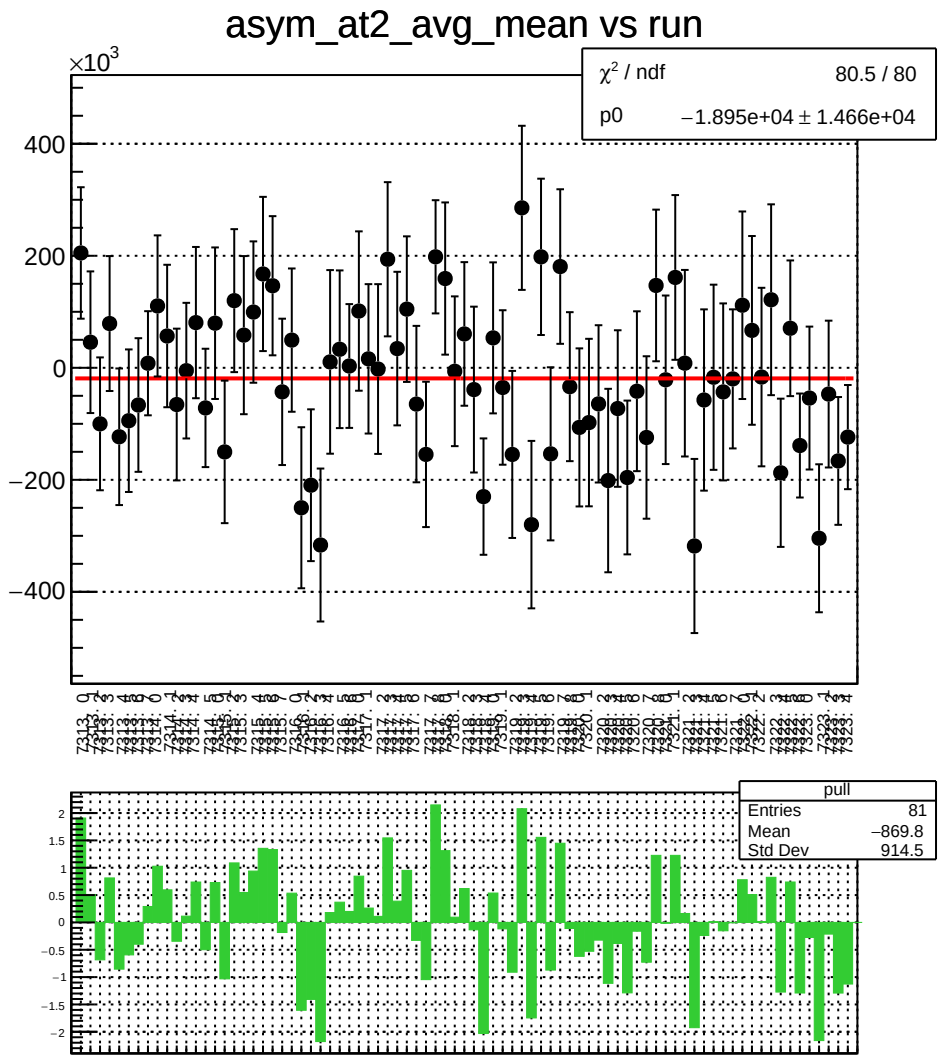

pull1D
Entries 81
Mean 0.003429
Std Dev 1.103

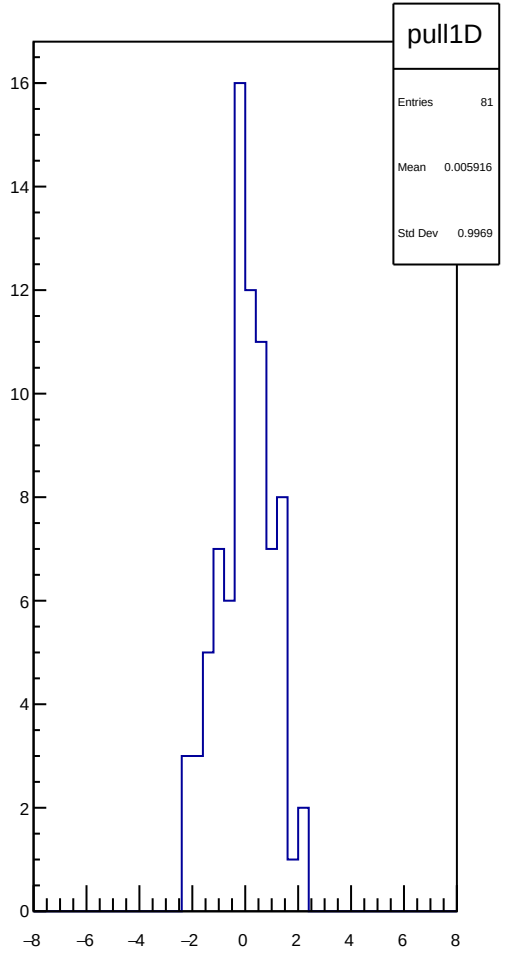

dit_asym_at2_avg_rms vs run
χ² / ndf 5343 / 80
p0 1807 ± 1.453
2100
2000
1900
1800
1700

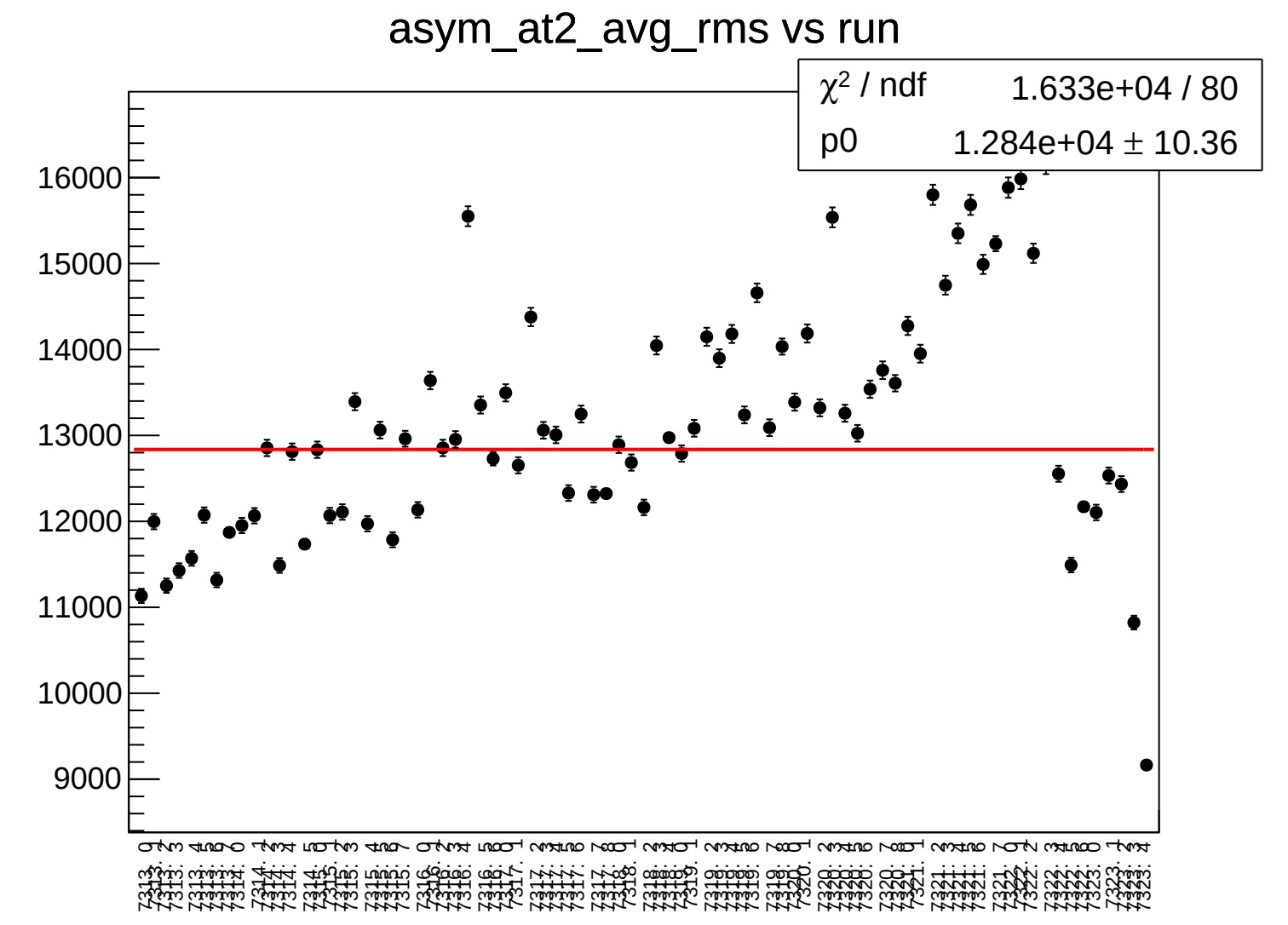

asym_at2_avg_correction_mean vs run
×10^3
χ² / ndf 77.39 / 80
p0 1.951e+04 ± 1.441e+04
400
200
0
−200
−400
pull
Entries 81
Mean −2090
Std Dev 2135
2
1
0
−1
−2

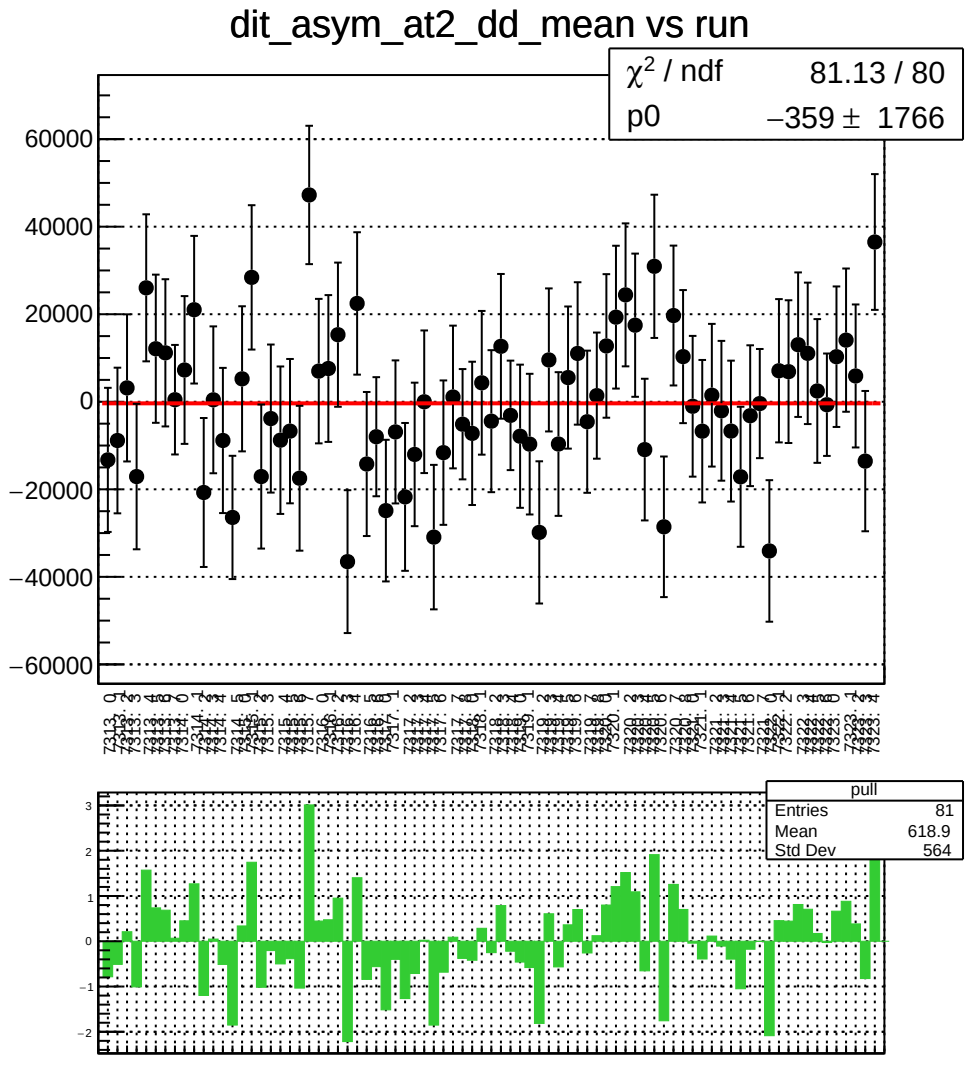

pull1D
Entries 81
Mean −0.002758
Std Dev 0.9775
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

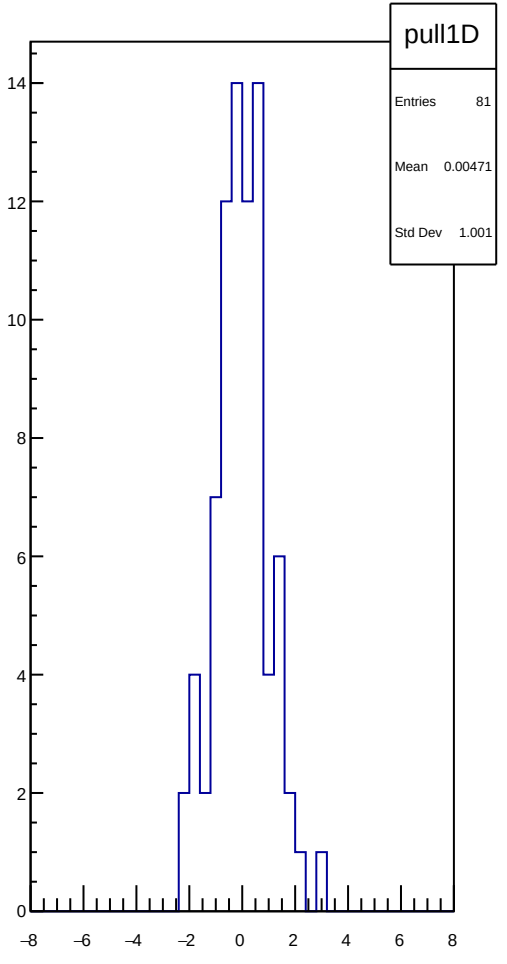

asym_at2_avg_correction_rms vs run
χ² / ndf 1.81e+04 / 80
p0 1.261e+04 ± 10.19
16000
15000
14000
13000
12000
11000
10000
9000

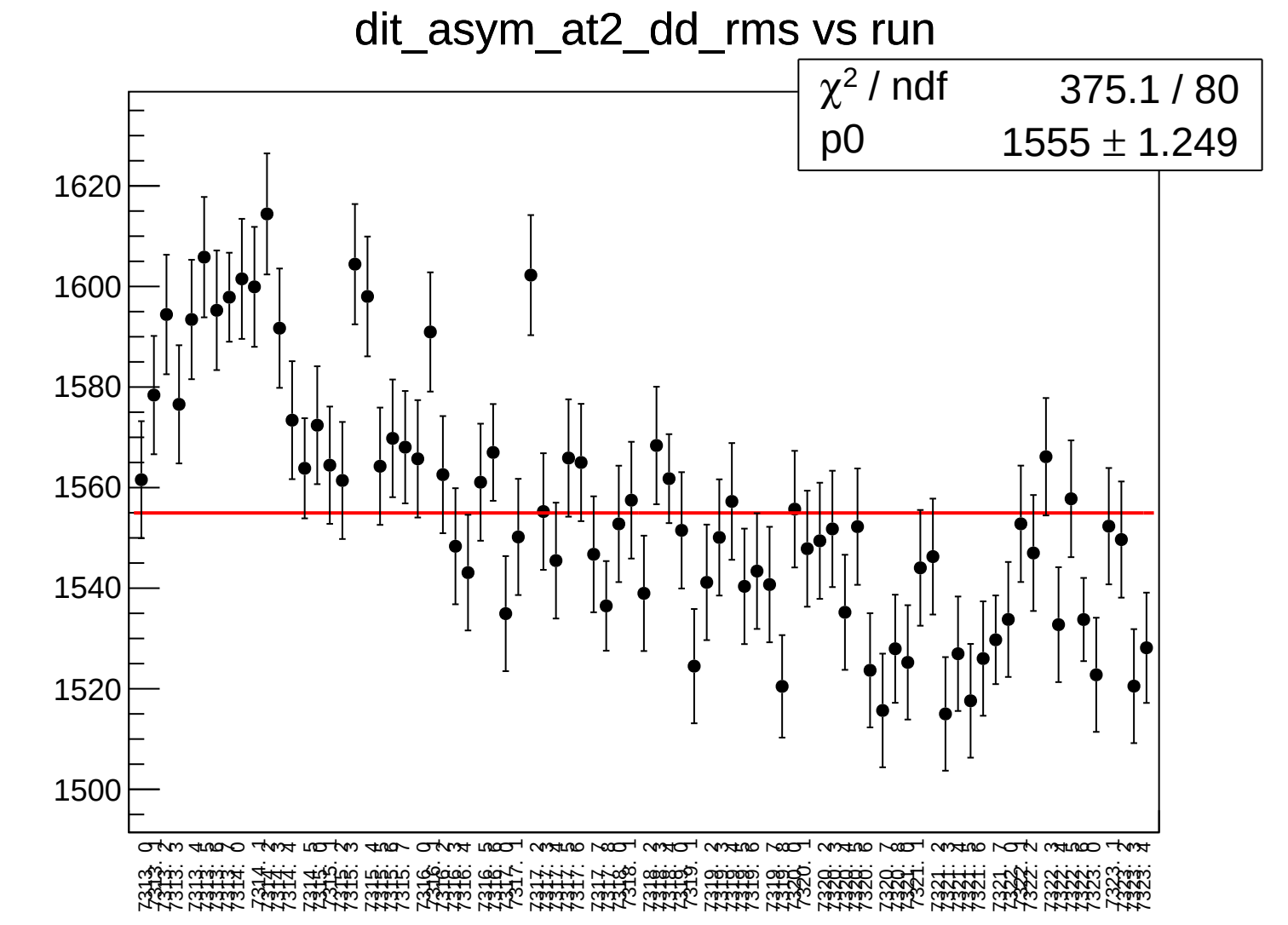

asym_at2_avg_mean vs run
×10^3
χ² / ndf 80.5 / 80
p0 −1.895e+04 ± 1.466e+04
400
200
0
−200
−400
pull
Entries 81
Mean −869.8
Std Dev 914.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

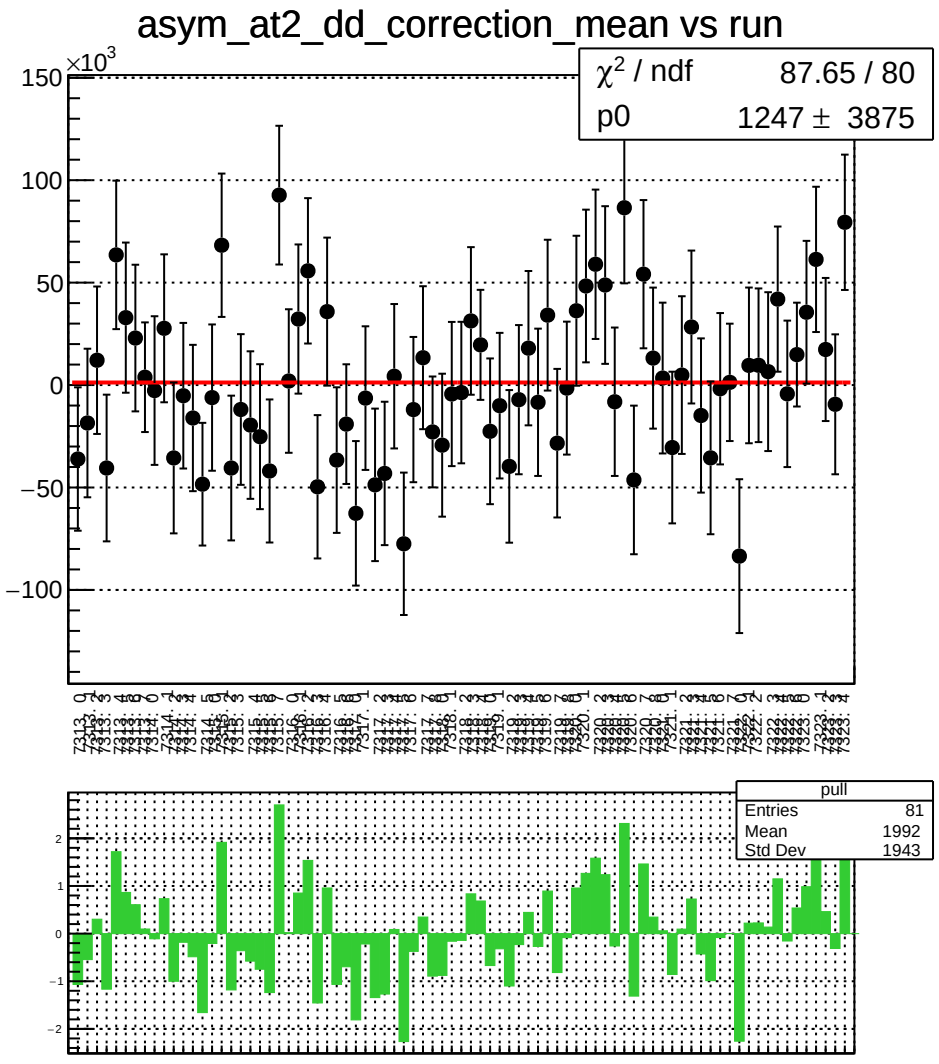

pull1D
Entries 81
Mean 0.005916
Std Dev 0.9969
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

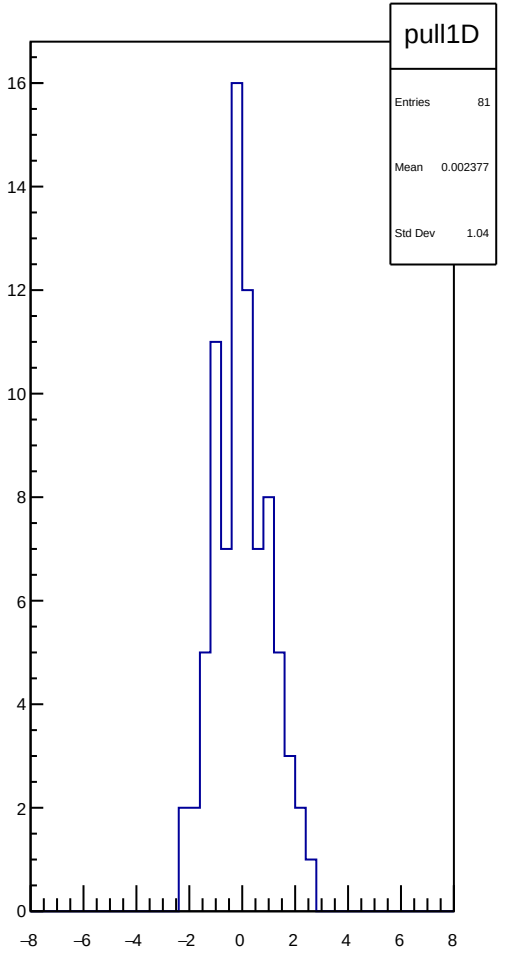

asym_at2_avg_rms vs run
χ² / ndf 1.633e+04 / 80
p0 1.284e+04 ± 10.36
16000
15000
14000
13000
12000
11000
10000
9000

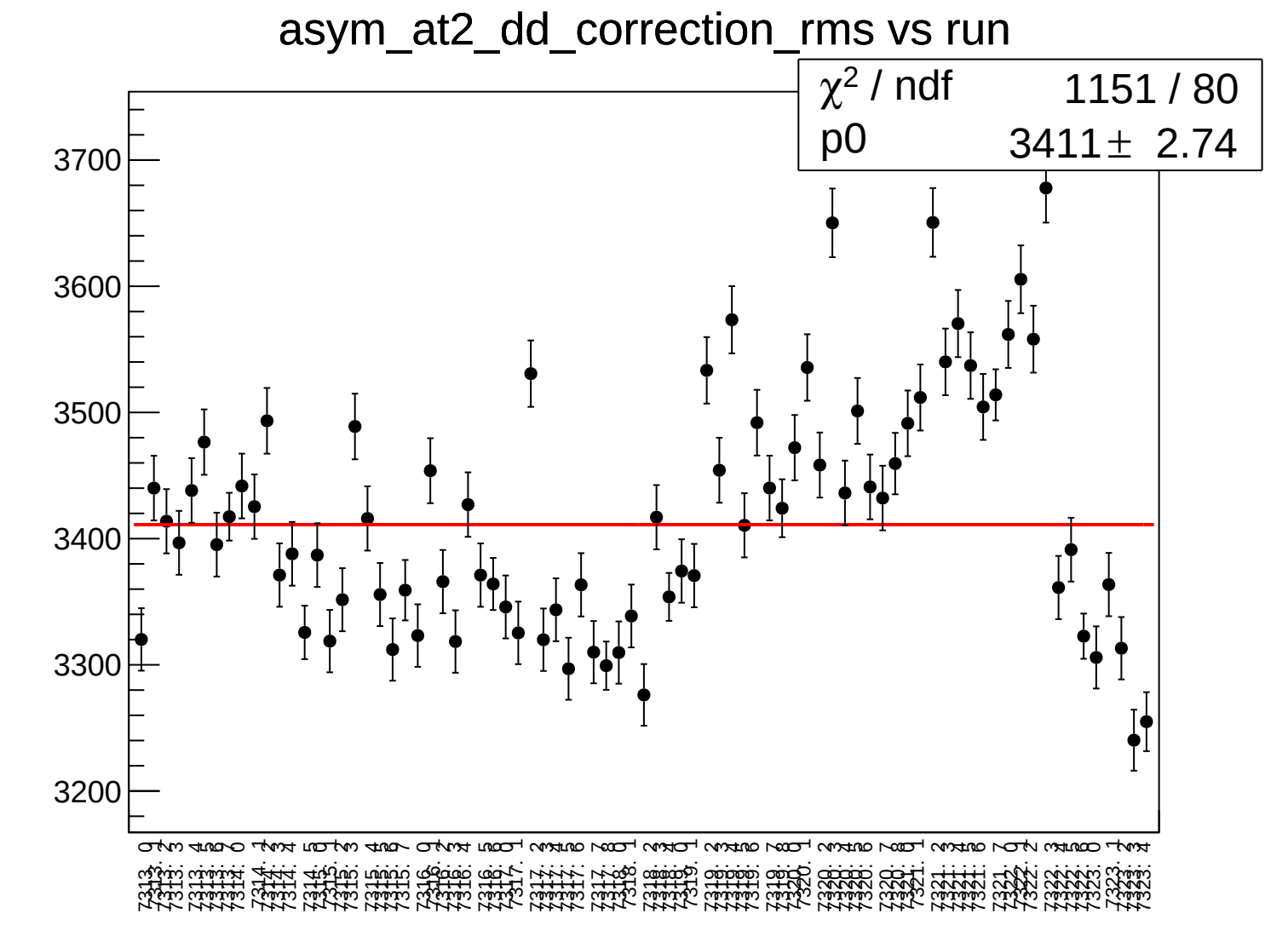

dit_asym_at2_dd_mean vs run
χ² / ndf 81.13 / 80
p0 −359 ± 1766
pull
Entries 81
Mean 618.9
Std Dev 564

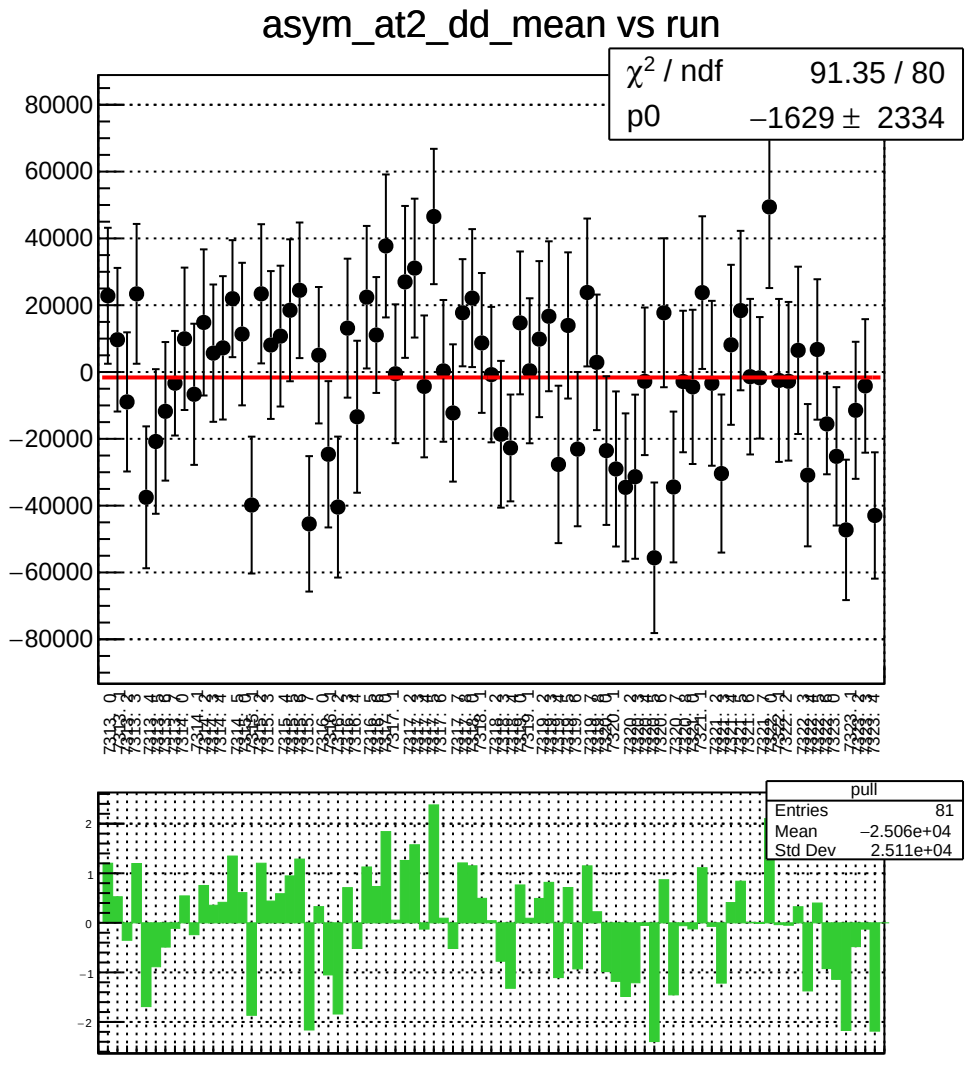

pull1D
Entries 81
Mean 0.00471
Std Dev 1.001

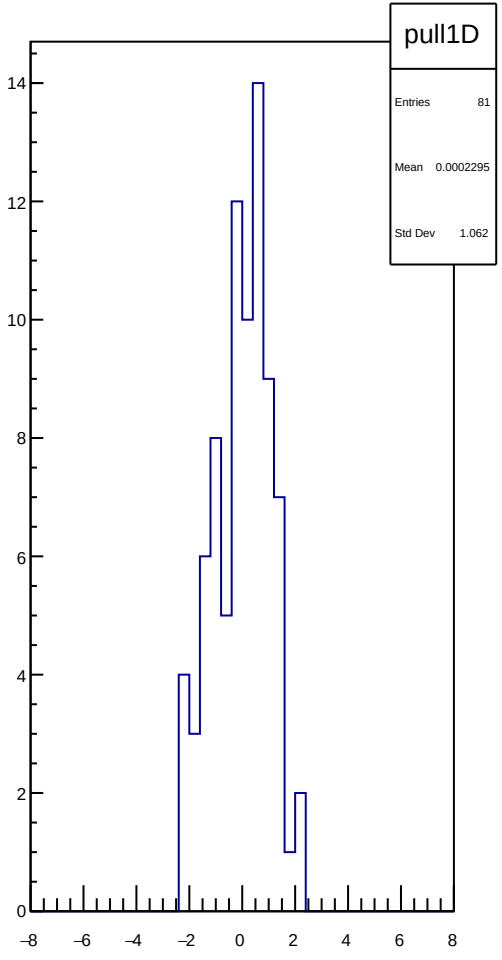

dit_asym_at2_dd_rms vs run
χ² / ndf 375.1 / 80
p0 1555 ± 1.249
1620
1600
1580
1560
1540
1520
1500

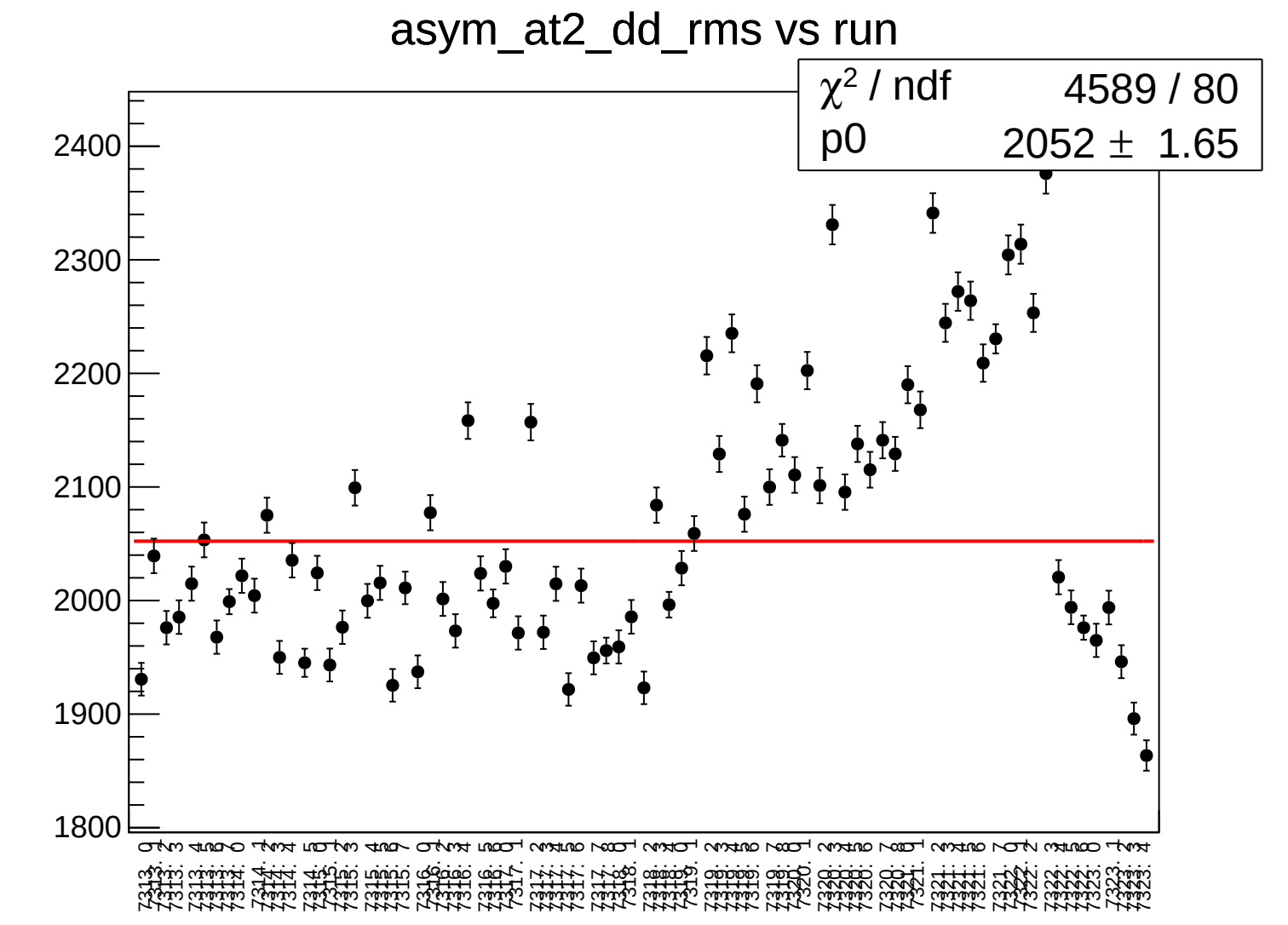

asym_at2_dd_correction_mean vs run
×10^3
χ² / ndf 87.65 / 80
p0 1247 ± 3875
150
100
50
0
−50
−100
pull
Entries 81
Mean 1992
Std Dev 1943
2
1
0
−1
−2

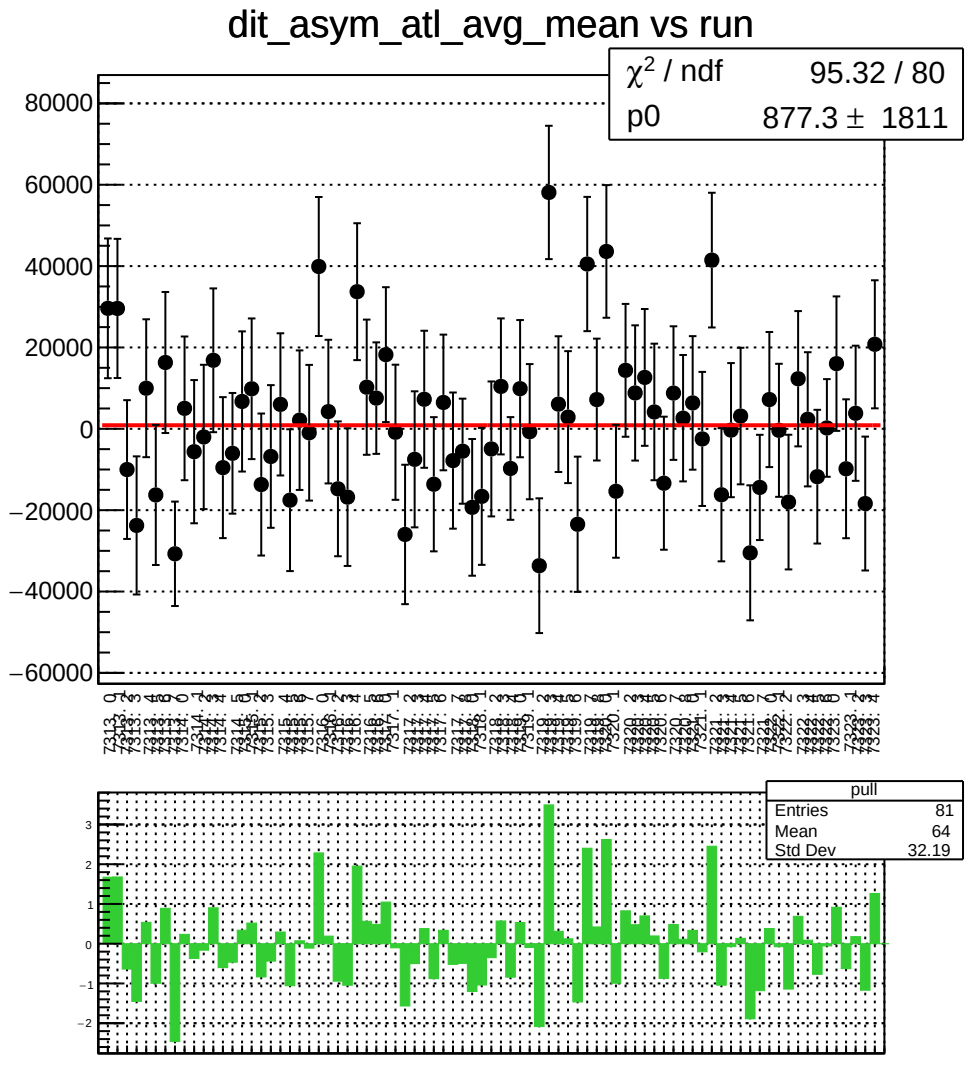

pull1D
Entries 81
Mean 0.002377
Std Dev 1.04
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

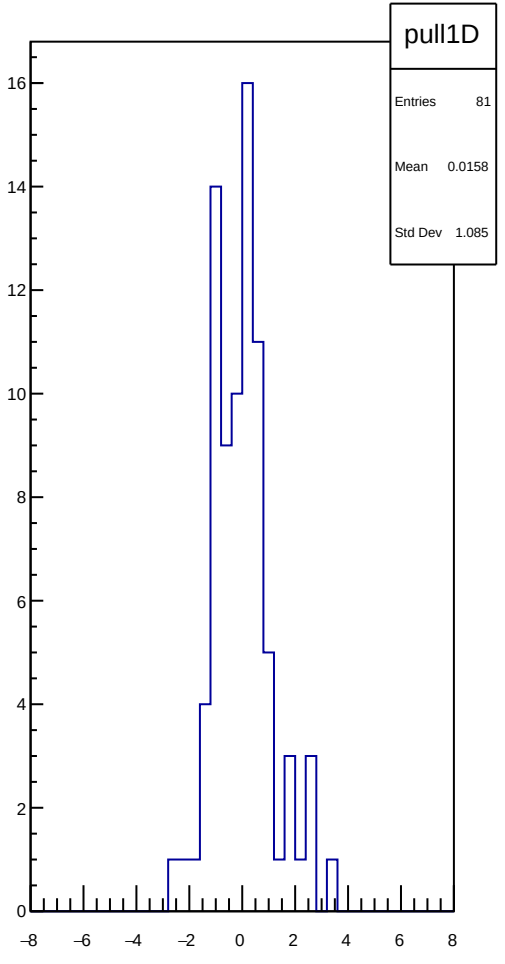

asym_at2_dd_correction_rms vs run
χ² / ndf 1151 / 80
p0 3411 ± 2.74
3700
3600
3500
3400
3300
3200

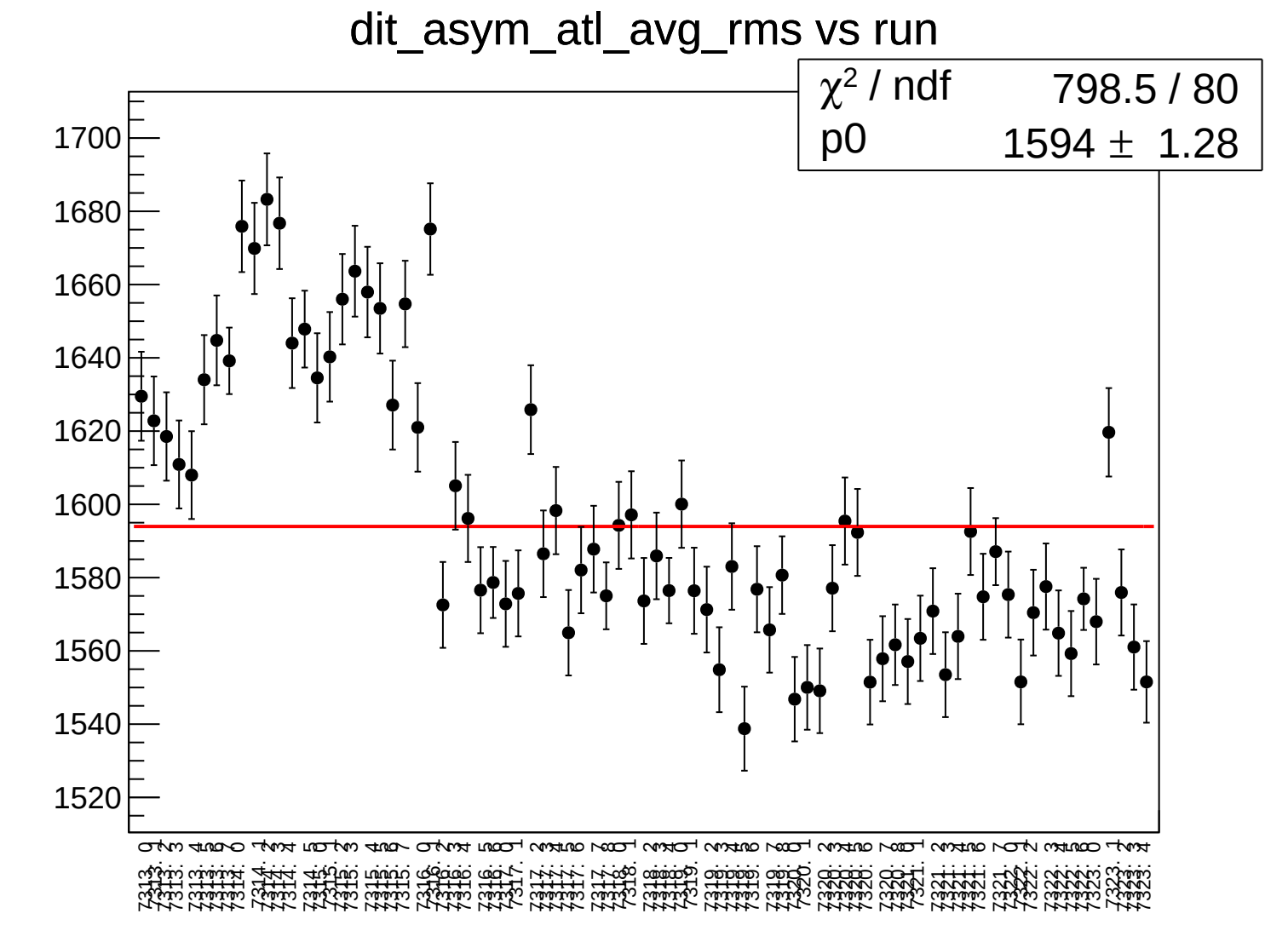

asym_at2_dd_mean vs run
χ² / ndf 91.35 / 80
p0 −1629 ± 2334
pull
Entries 81
Mean −2.506e+04
Std Dev 2.511e+04

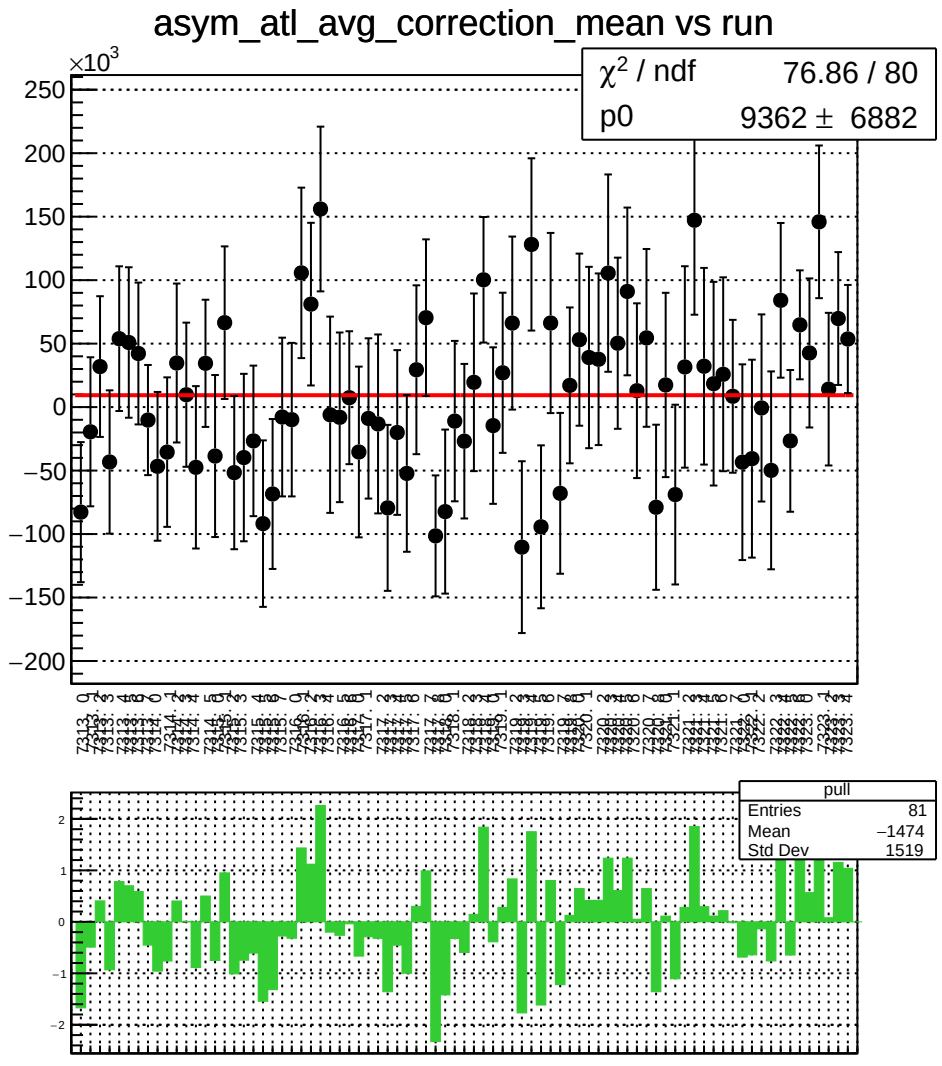

pull1D
Entries 81
Mean 0.0002295
Std Dev 1.062

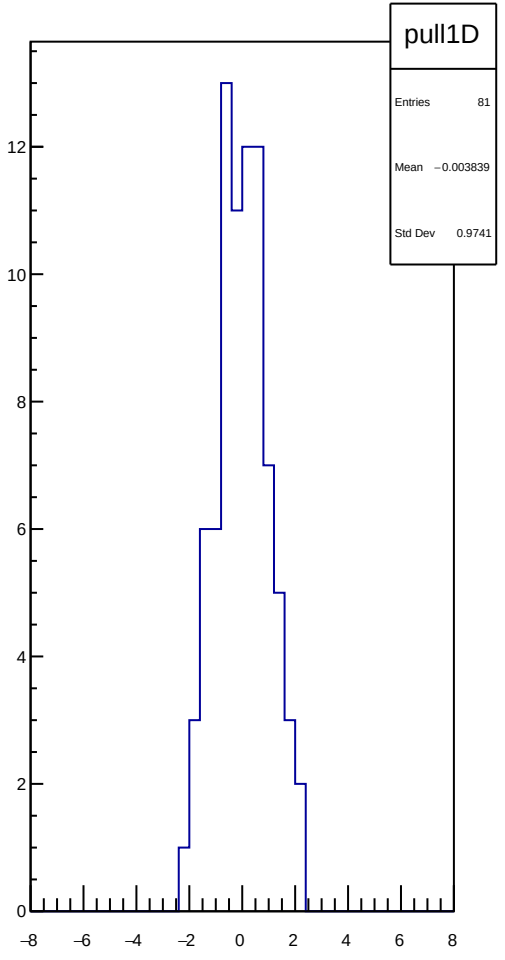

asym_at2_dd_rms vs run
χ² / ndf 4589 / 80
p0 2052 ± 1.65
2400
2300
2200
2100
2000
1900
1800

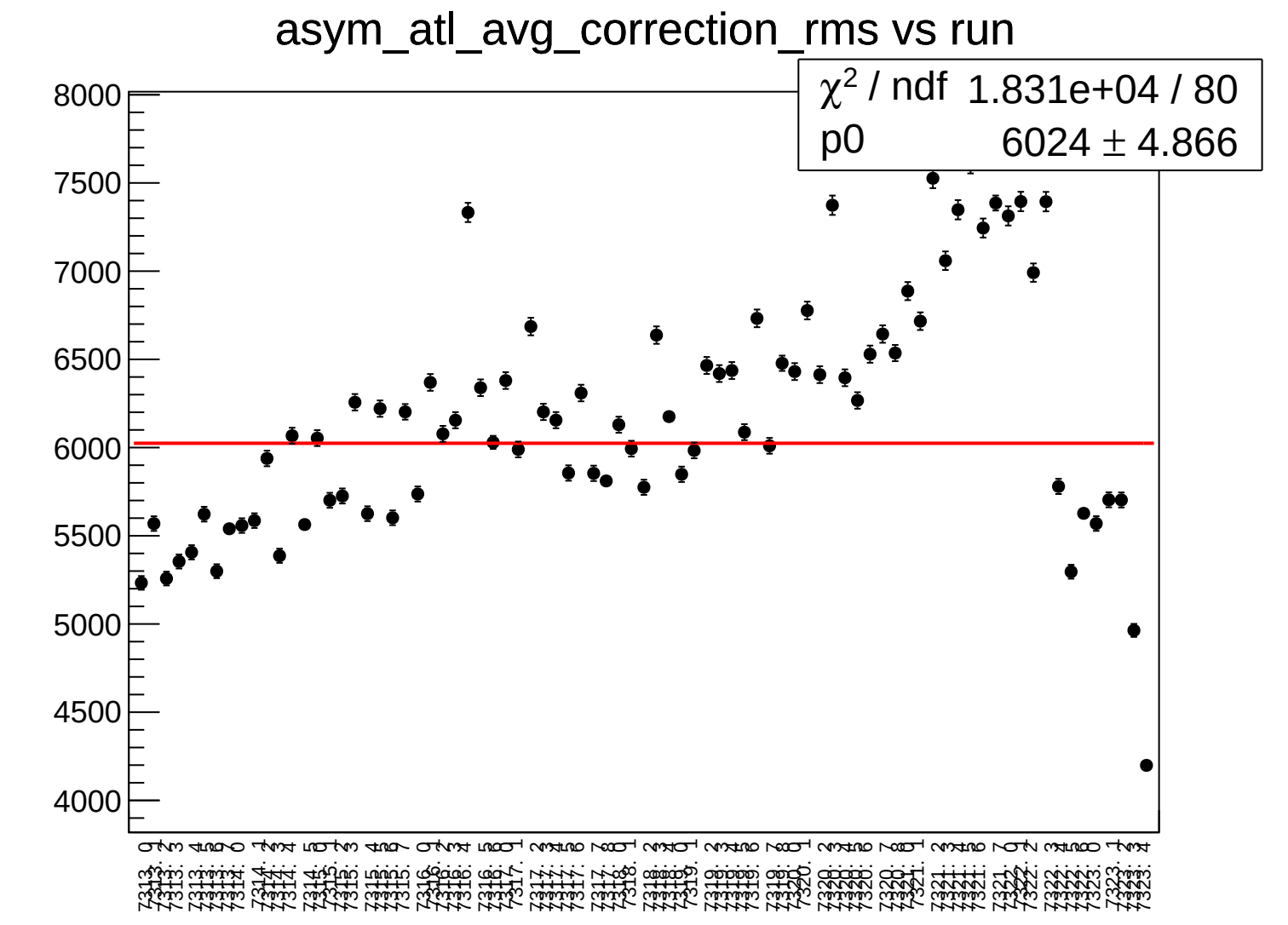

dit_asym_atl_avg_mean vs run
χ² / ndf 95.32 / 80
p0 877.3 ± 1811
pull
Entries 81
Mean 64
Std Dev 32.19

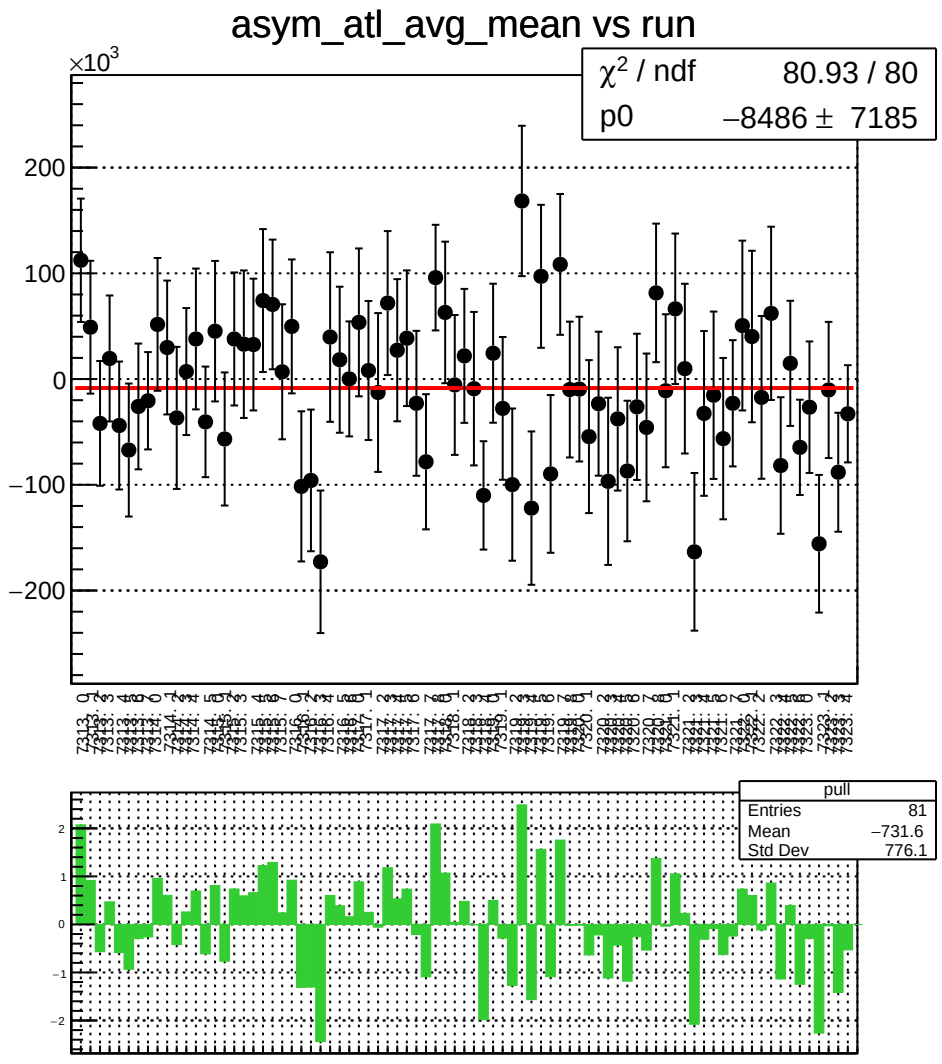

pull1D
Entries 81
Mean 0.0158
Std Dev 1.085

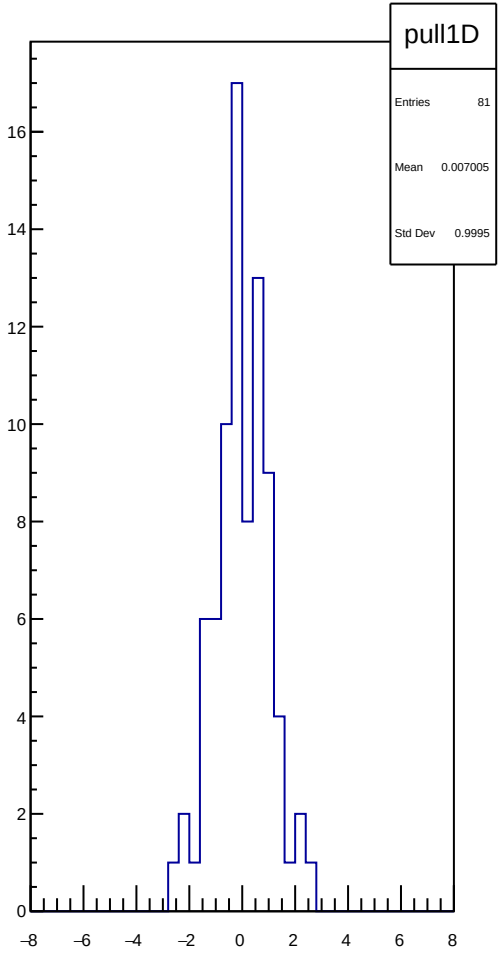

dit_asym_atl_avg_rms vs run
χ² / ndf 798.5 / 80
p0 1594 ± 1.28
1700
1680
1660
1640
1620
1600
1580
1560
1540
1520

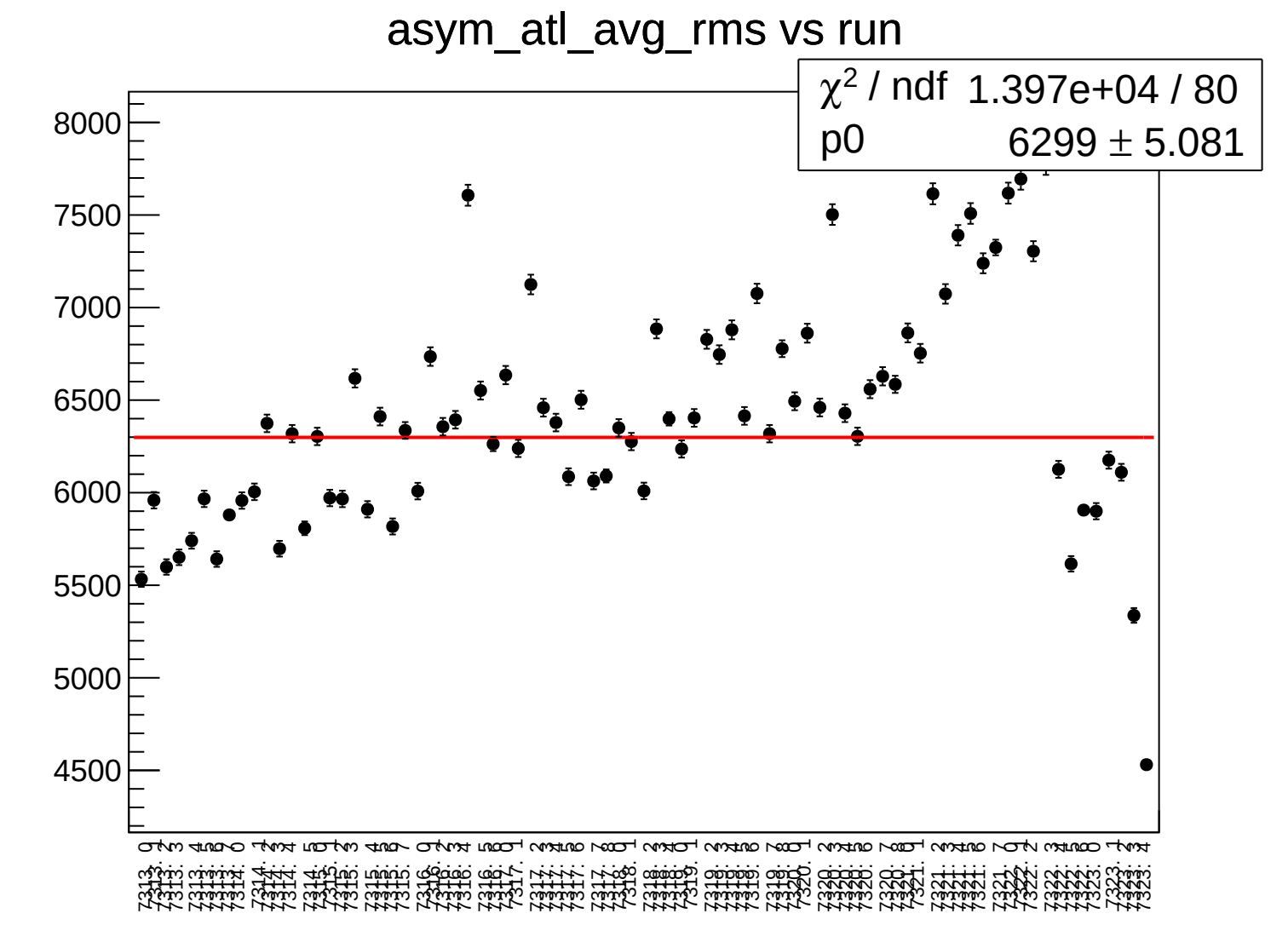

asym_atl_avg_correction_mean vs run
×10^3
χ² / ndf 76.86 / 80
p0 9362 ± 6882
pull
Entries 81
Mean −1474
Std Dev 1519

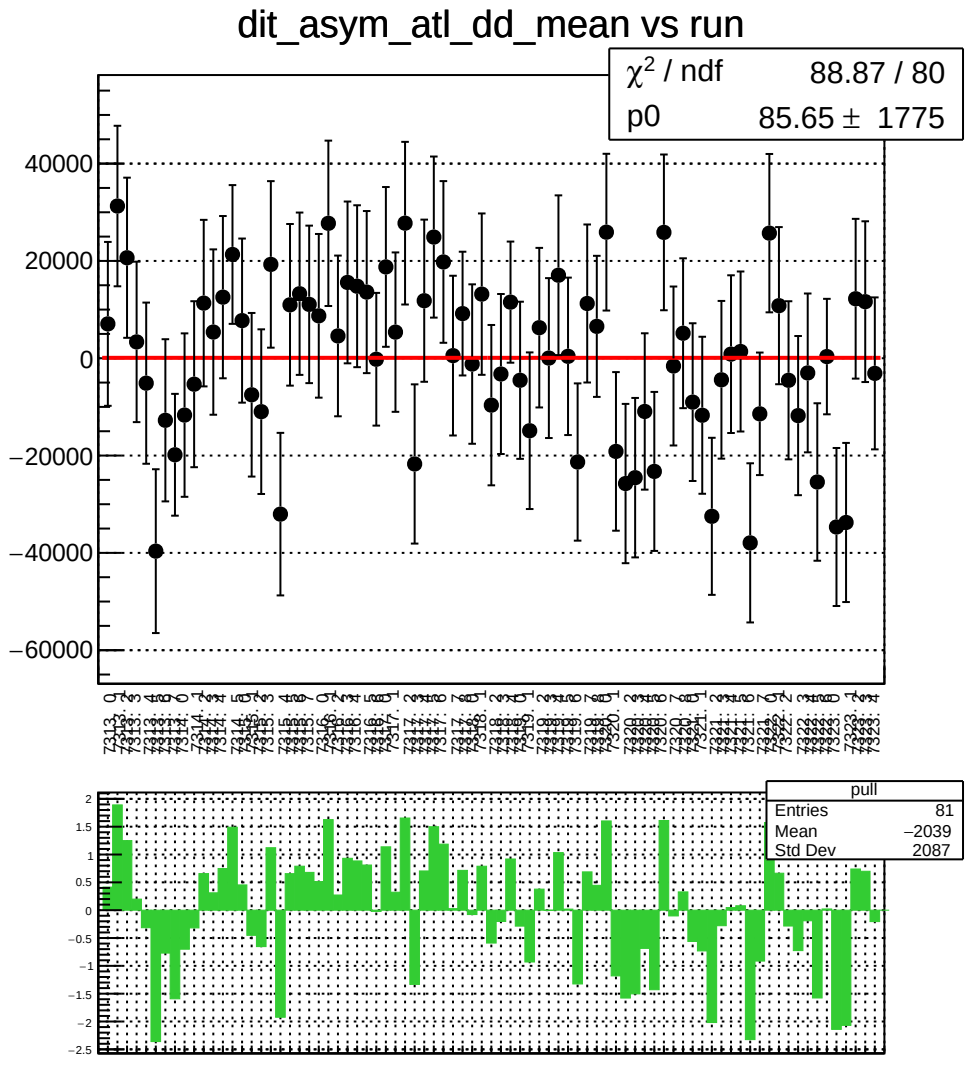

pull1D
Entries 81
Mean −0.003839
Std Dev 0.9741

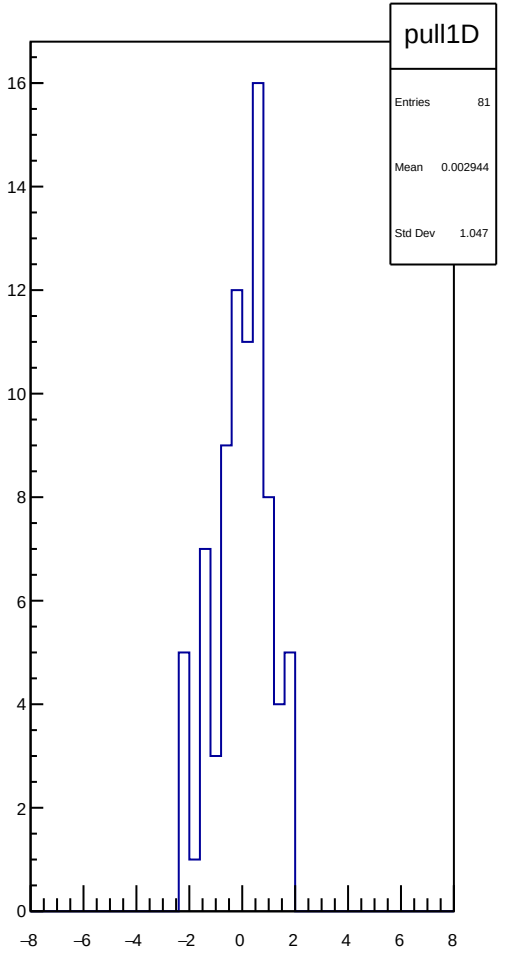

asym_atl_avg_correction_rms vs run
χ² / ndf 1.831e+04 / 80
p0 6024 ± 4.866
8000
7500
7000
6500
6000
5500
5000
4500
4000

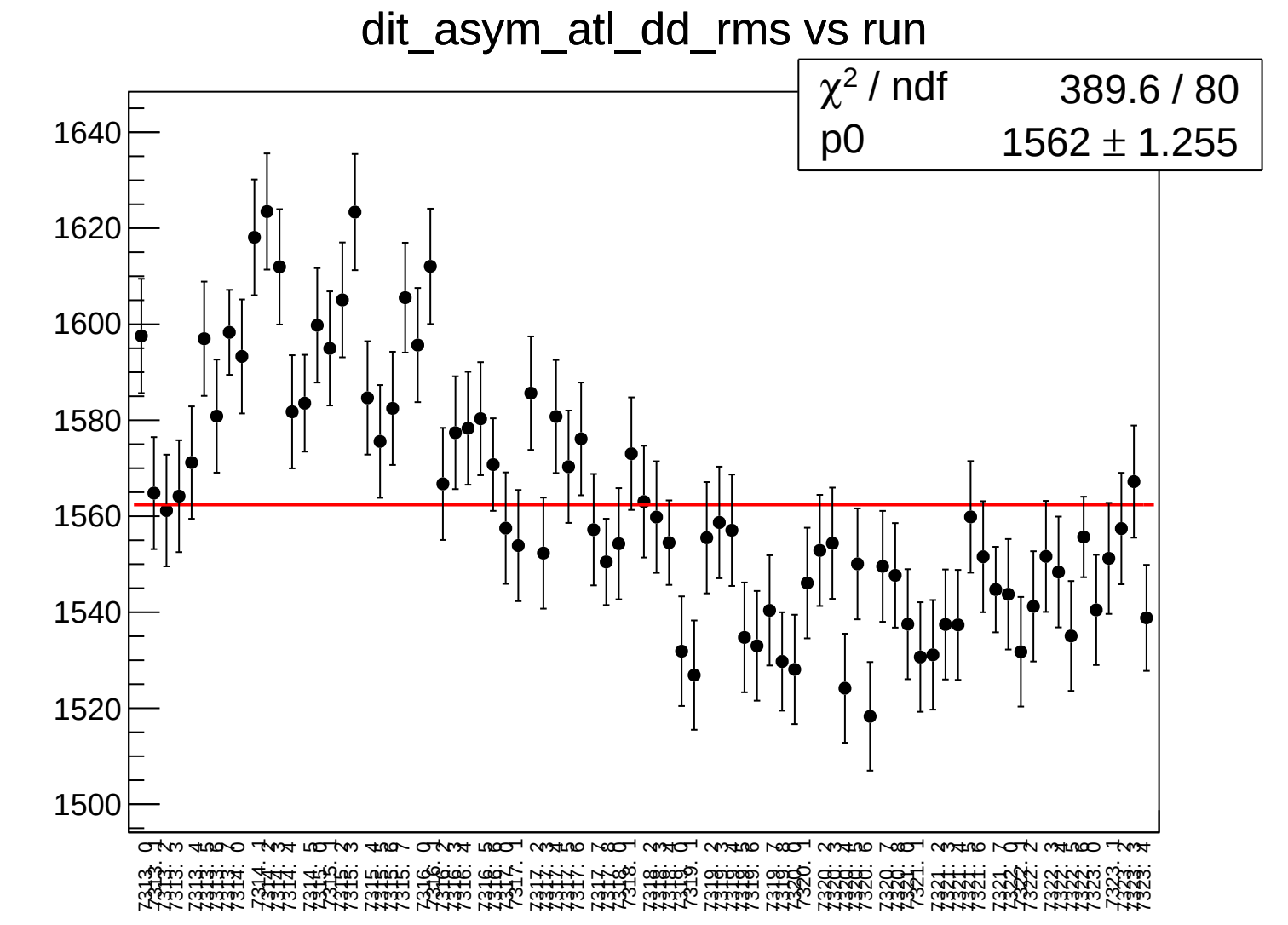

asym_atl_avg_mean vs run
×10^3
χ² / ndf 80.93 / 80
p0 −8486 ± 7185
200
100
0
−100
−200
pull
Entries 81
Mean −731.6
Std Dev 776.1
2
1
0
−1
−2

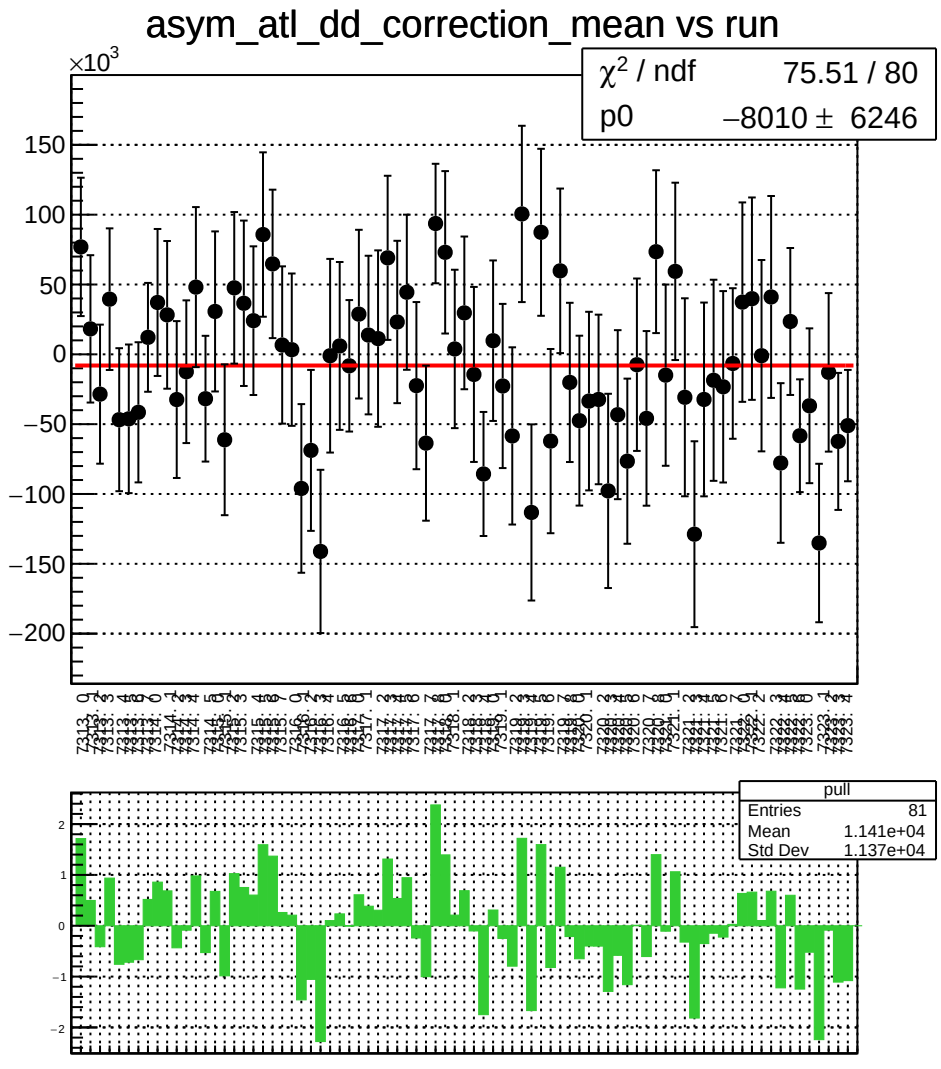

pull1D
Entries 81
Mean 0.007005
Std Dev 0.9995
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

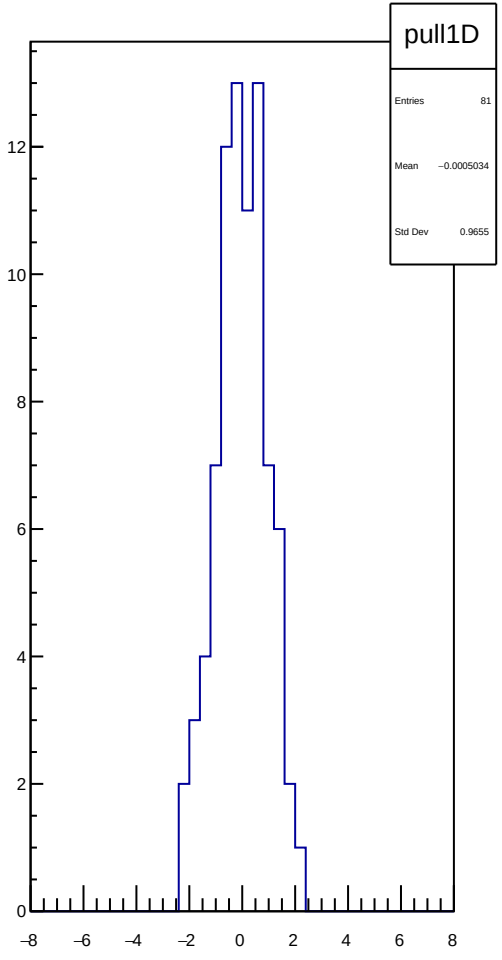

asym_atl_avg_rms vs run
χ² / ndf 1.397e+04 / 80
p0 6299 ± 5.081
8000
7500
7000
6500
6000
5500
5000
4500

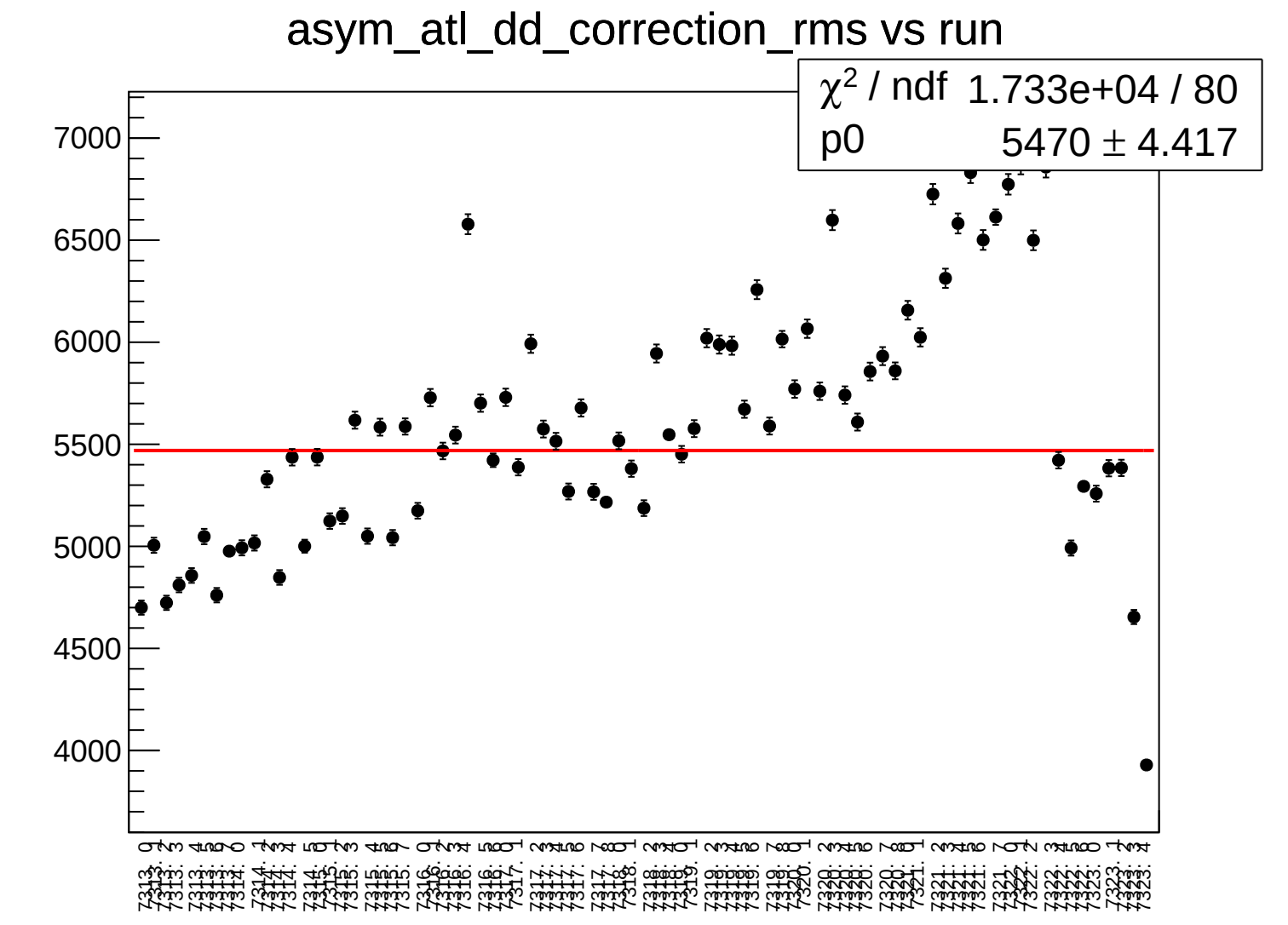

dit_asym_atl_dd_mean vs run
χ^2 / ndf 88.87 / 80
p0 85.65 ± 1775
pull
Entries 81
Mean −2039
Std Dev 2087

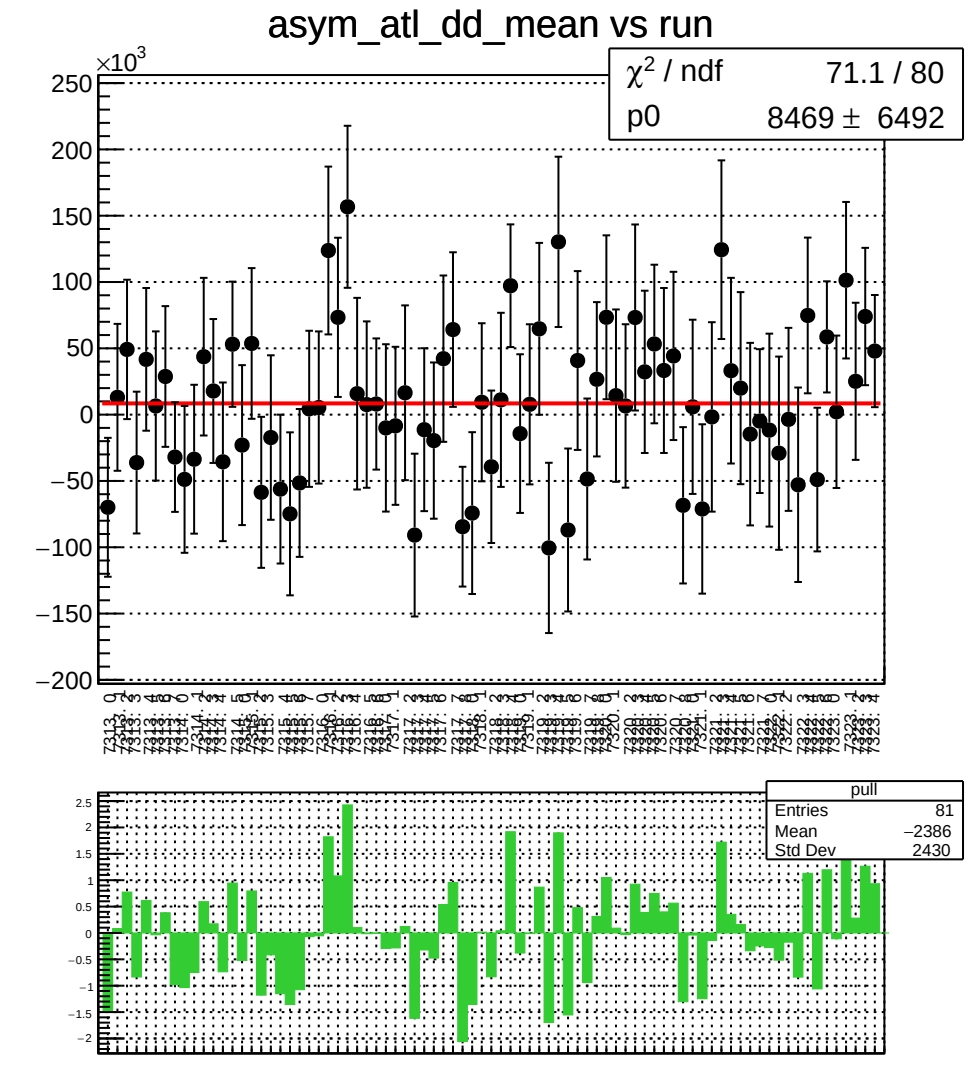

pull1D
Entries 81
Mean 0.002944
Std Dev 1.047

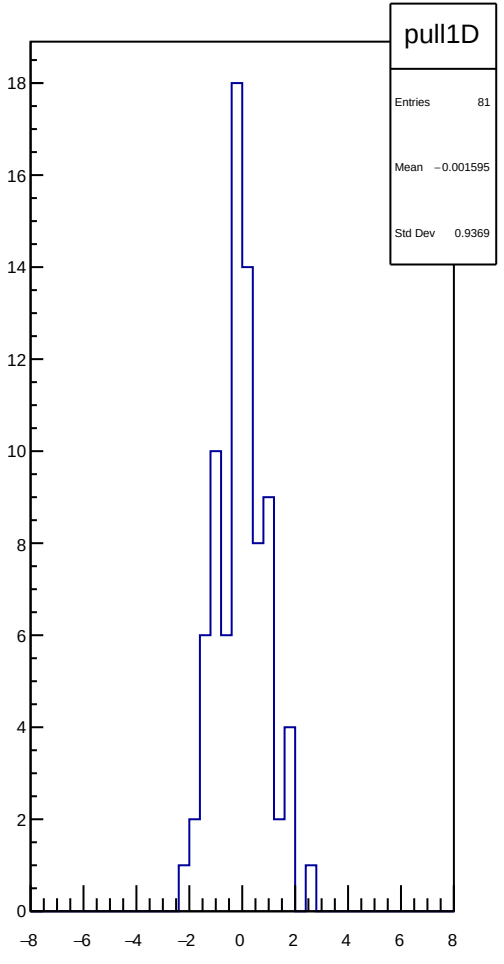

dit_asym_atl_dd_rms vs run
χ² / ndf 389.6 / 80
p0 1562 ± 1.255
1640
1620
1600
1580
1560
1540
1520
1500

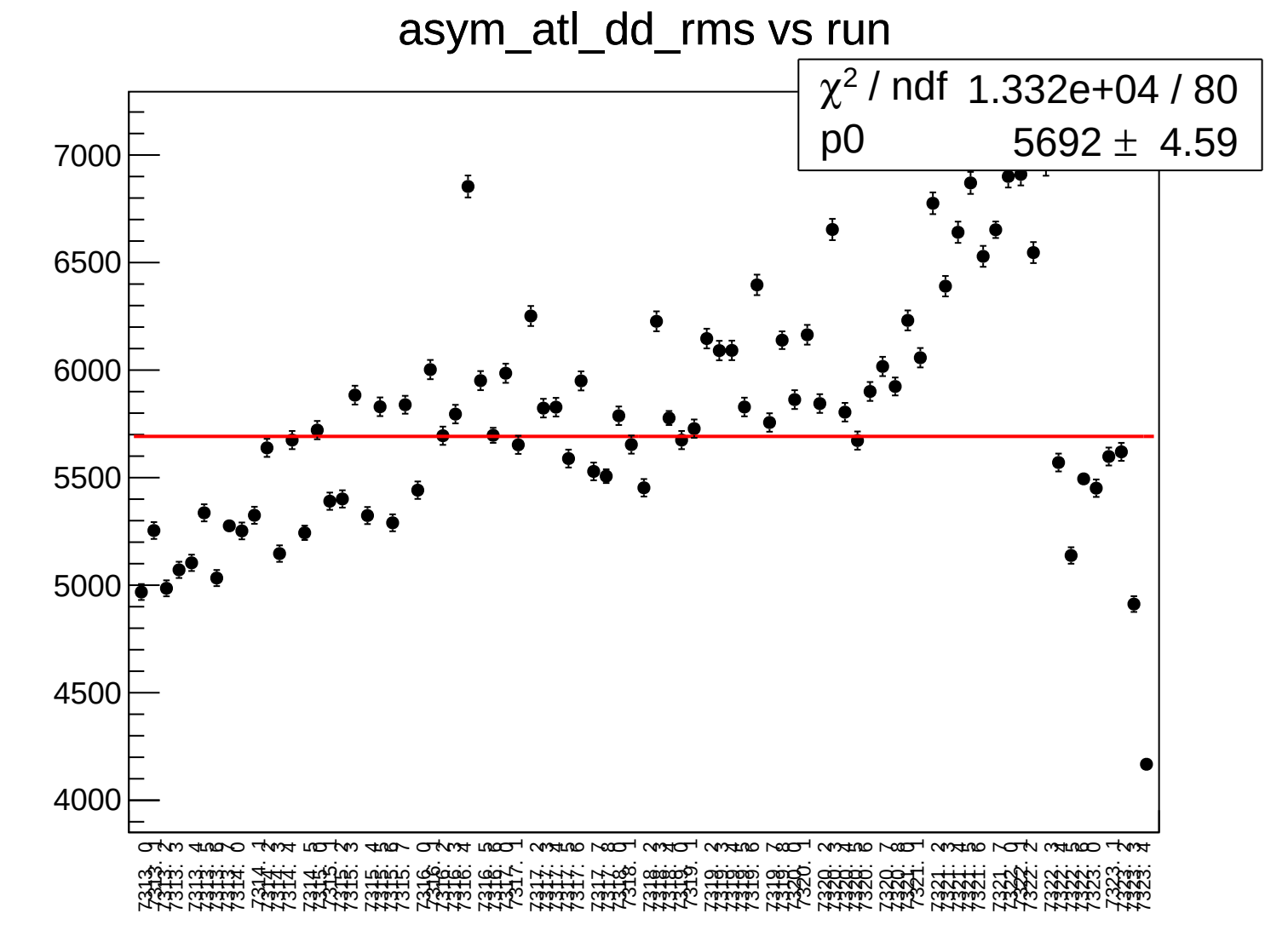

asym_atl_dd_correction_mean vs run
×10^3
χ² / ndf 75.51 / 80
p0 −8010 ± 6246
150
100
50
0
−50
−100
−150
−200
pull
Entries 81
Mean 1.141e+04
Std Dev 1.137e+04
2
1
0
−1
−2

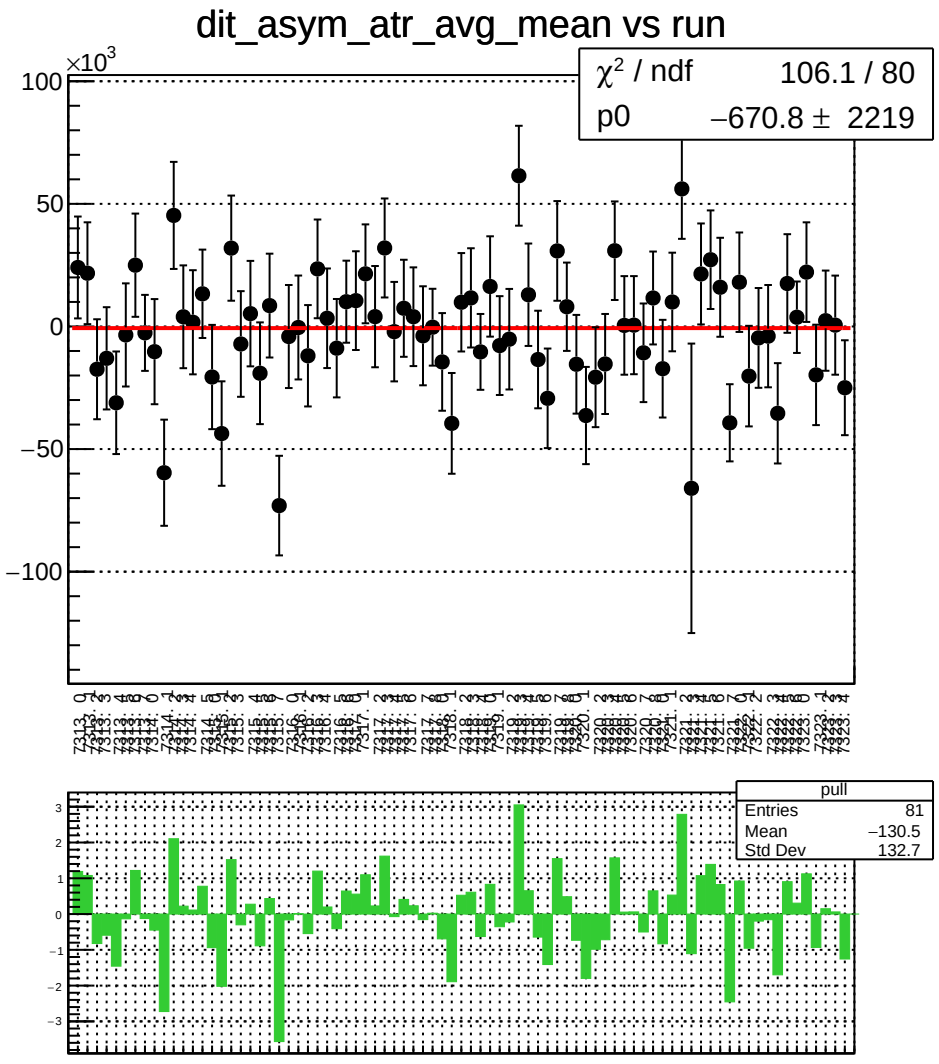

pull1D
Entries 81
Mean −0.0005034
Std Dev 0.9655
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

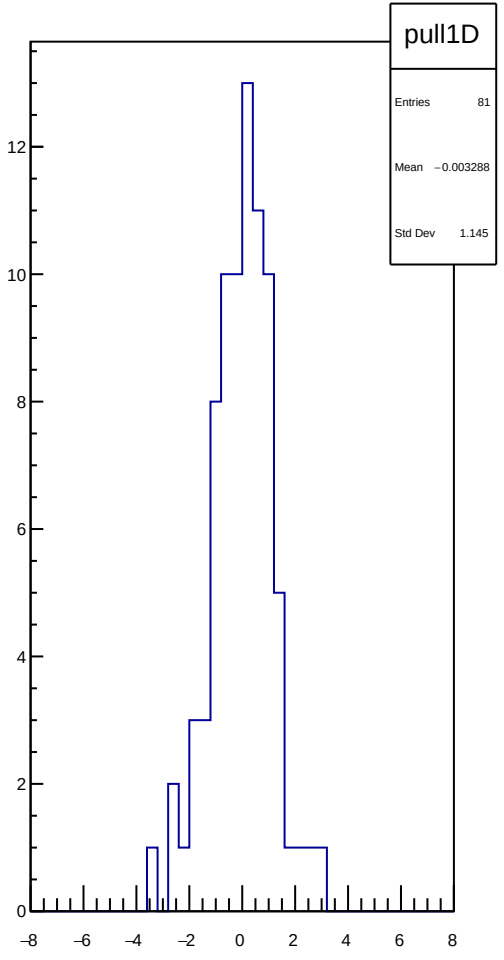

asym_atl_dd_correction_rms vs run
χ² / ndf 1.733e+04 / 80
p0 5470 ± 4.417
7000
6500
6000
5500
5000
4500
4000

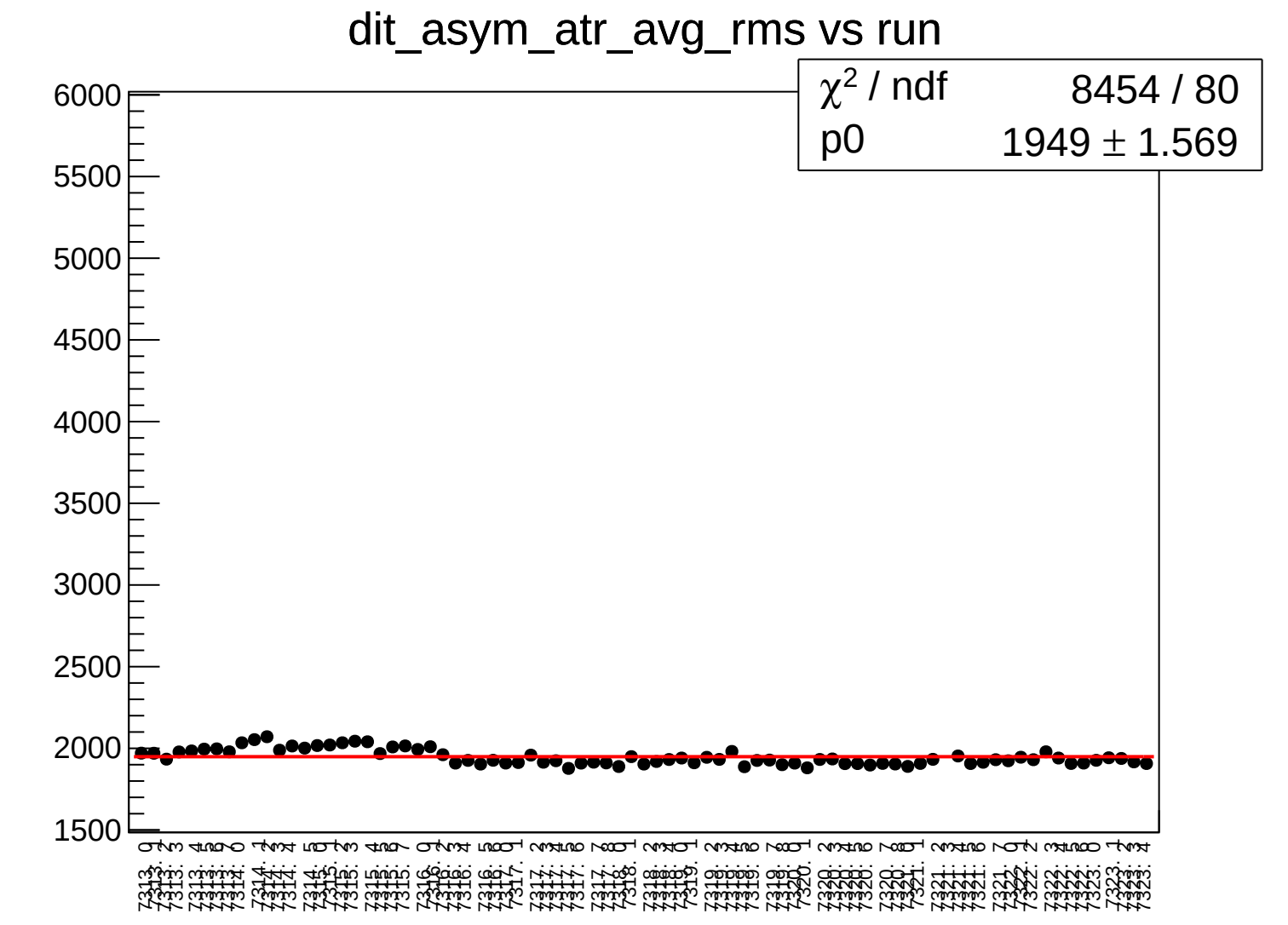

asym_atl_dd_mean vs run
×10^3
χ^2 / ndf 71.1 / 80
p0 8469 ± 6492
pull
Entries 81
Mean −2386
Std Dev 2430

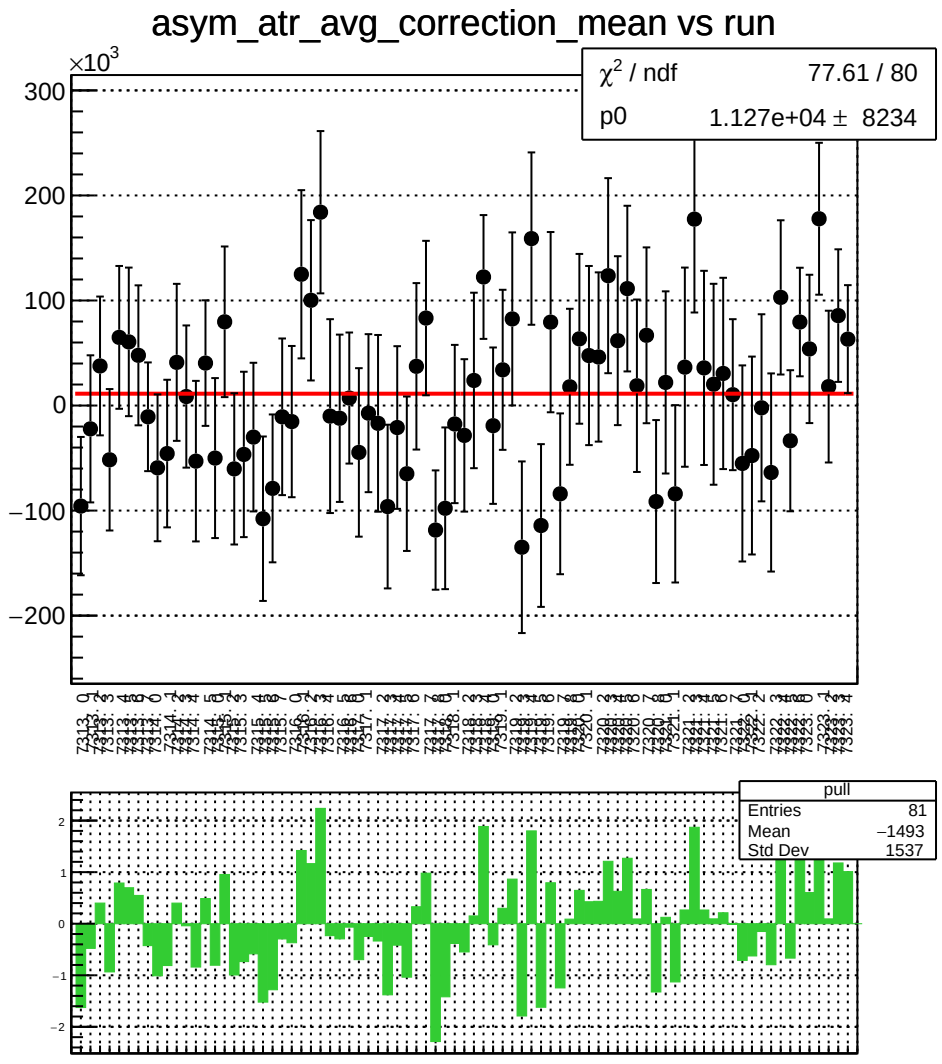

pull1D
Entries 81
Mean −0.001595
Std Dev 0.9369

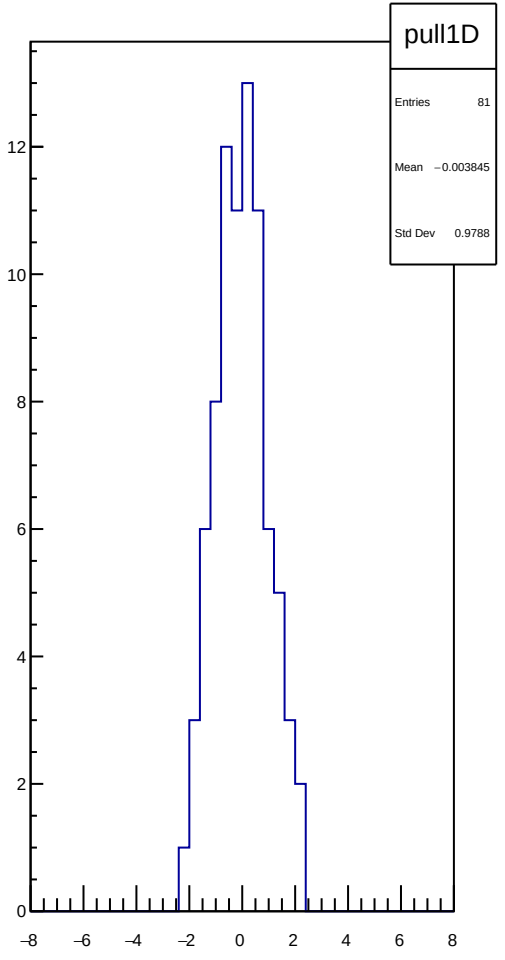

asym_atl_dd_rms vs run
χ² / ndf 1.332e+04 / 80
p0 5692 ± 4.59
7000
6500
6000
5500
5000
4500
4000

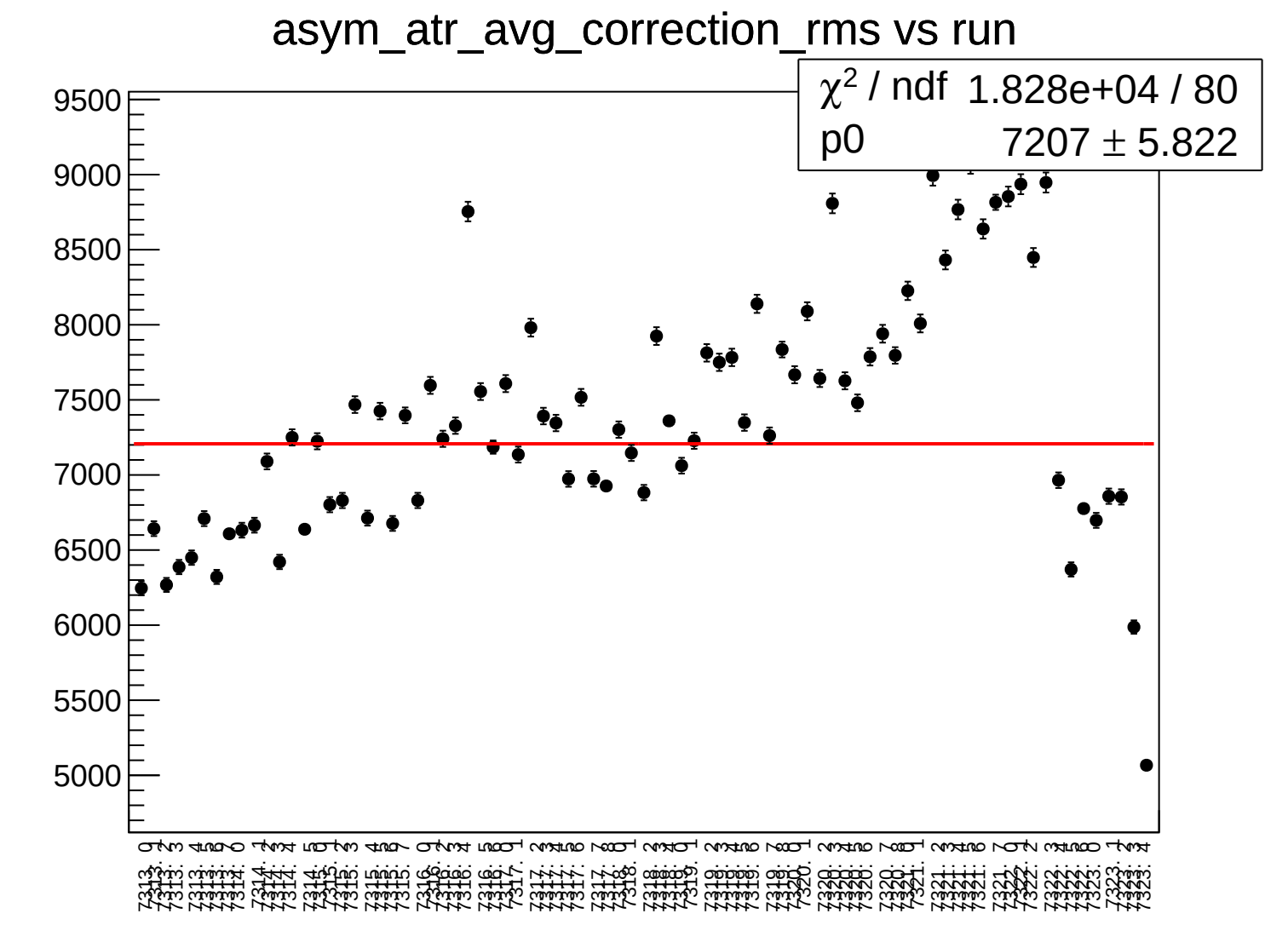

dit_asym_atr_avg_mean vs run
×10^3
χ² / ndf 106.1 / 80
p0 −670.8 ± 2219
pull
Entries 81
Mean −130.5
Std Dev 132.7

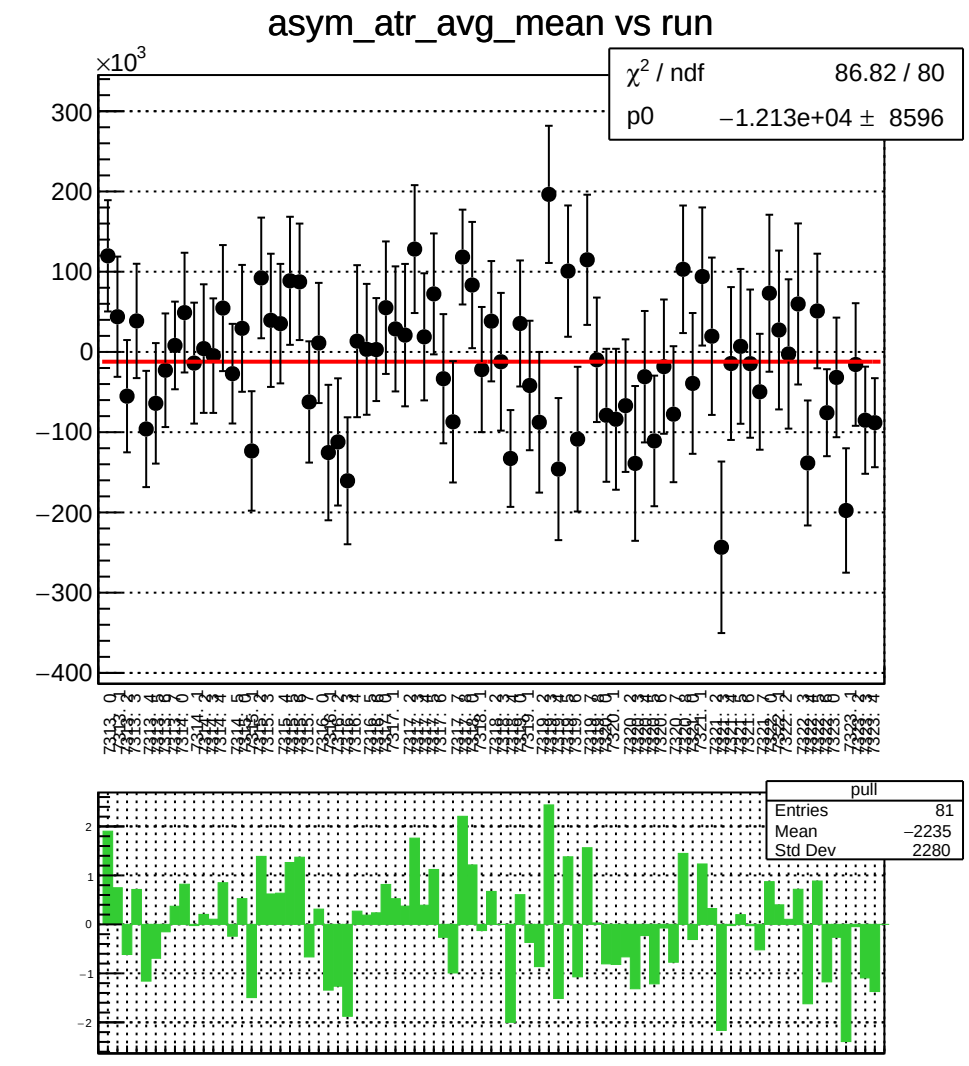

pull1D
Entries 81
Mean −0.003288
Std Dev 1.145

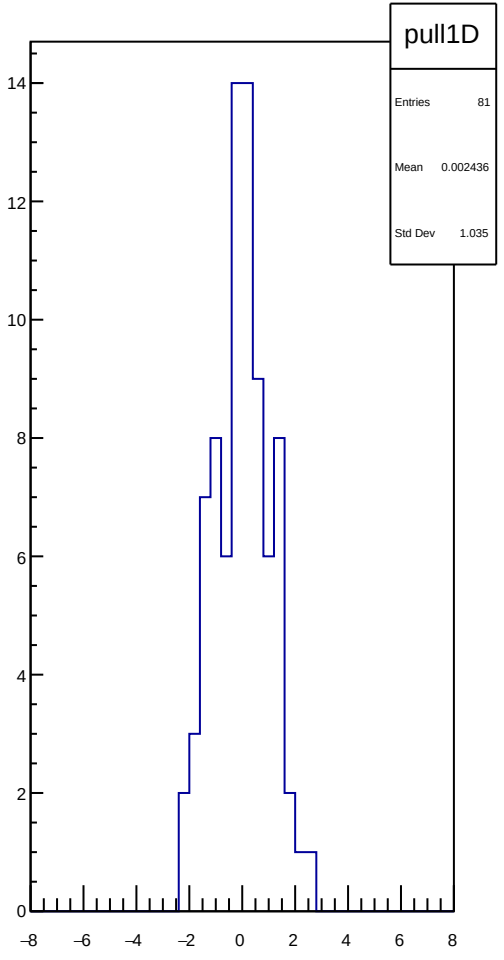

dit_asym_atr_avg_rms vs run
χ² / ndf 8454 / 80
p0 1949 ± 1.569
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500

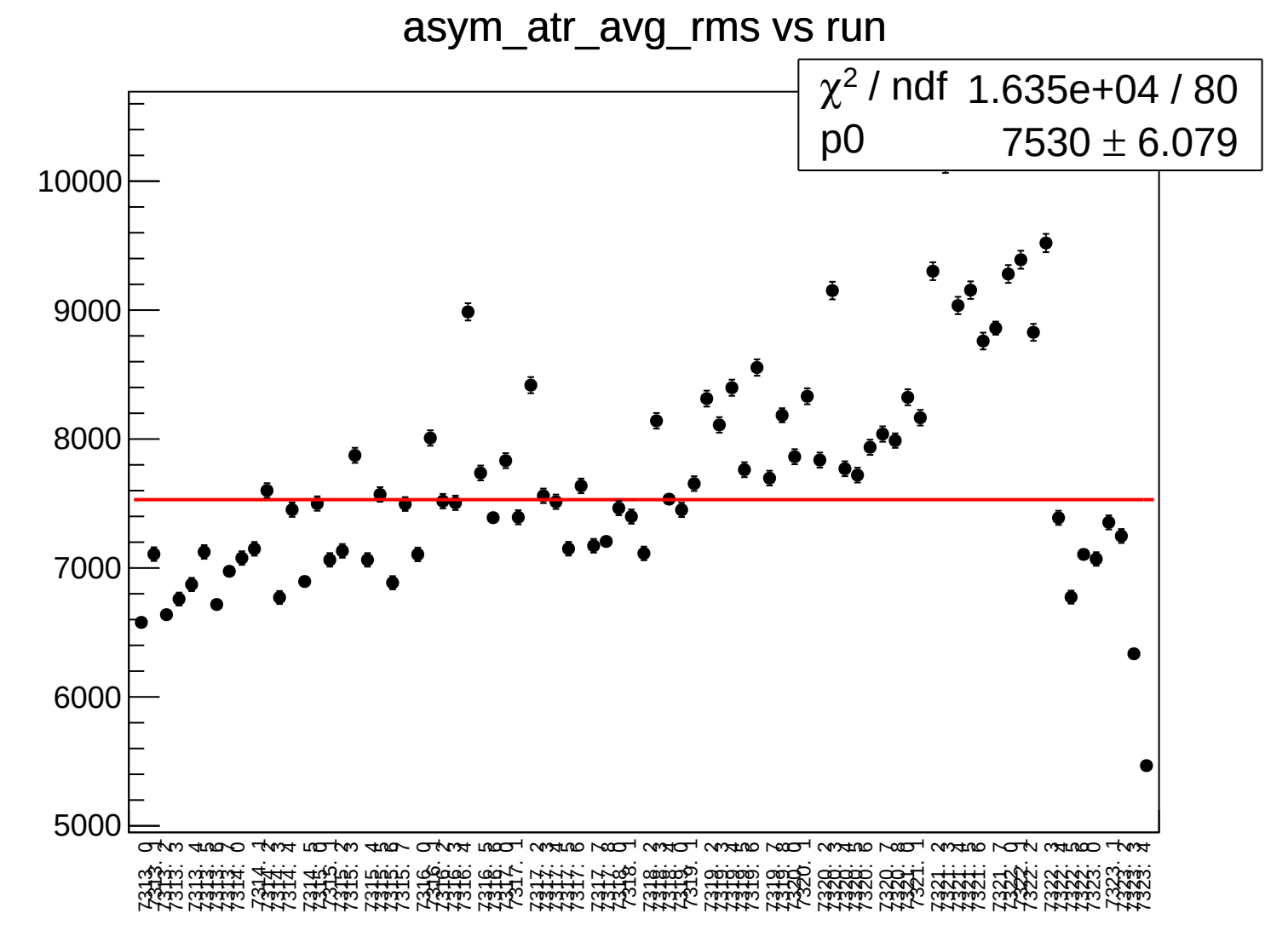

asym_atr_avg_correction_mean vs run
×10^3
χ² / ndf 77.61 / 80
p0 1.127e+04 ± 8234
pull
Entries 81
Mean −1493
Std Dev 1537

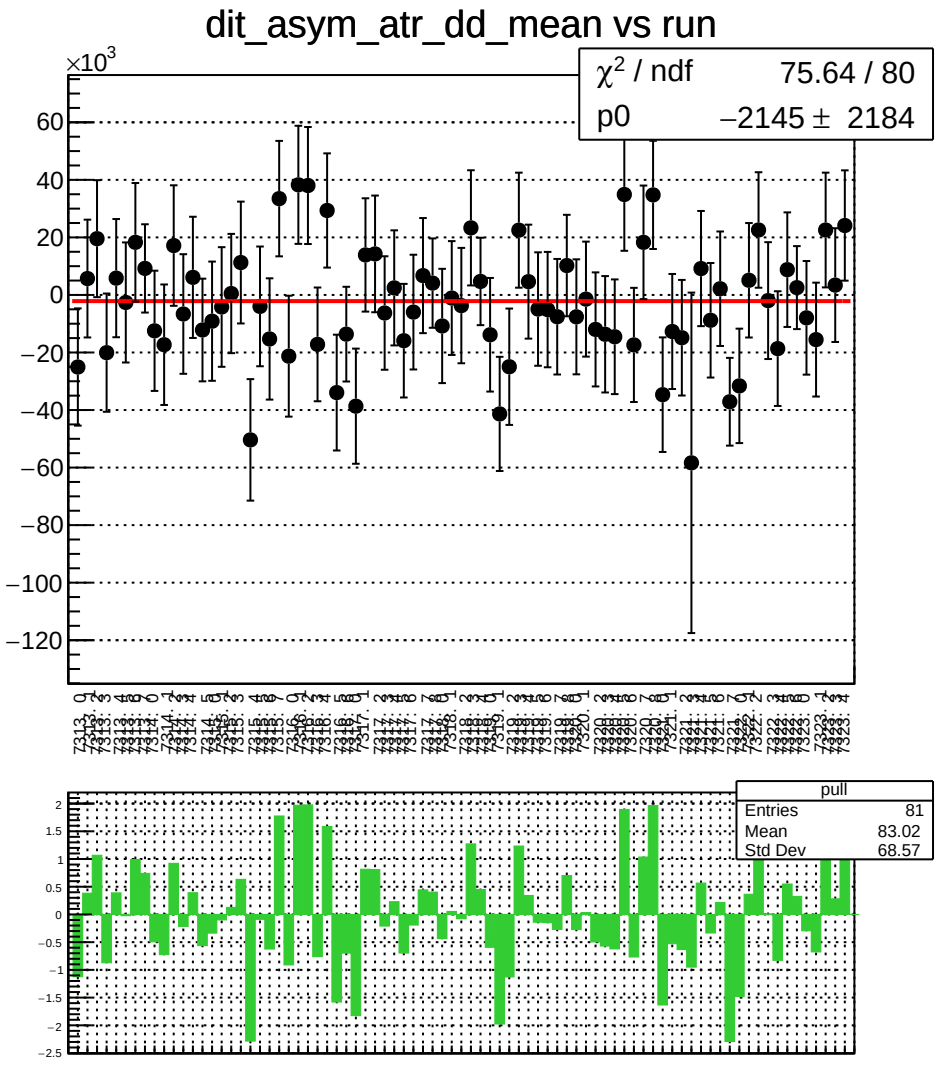

pull1D
Entries 81
Mean −0.003845
Std Dev 0.9788

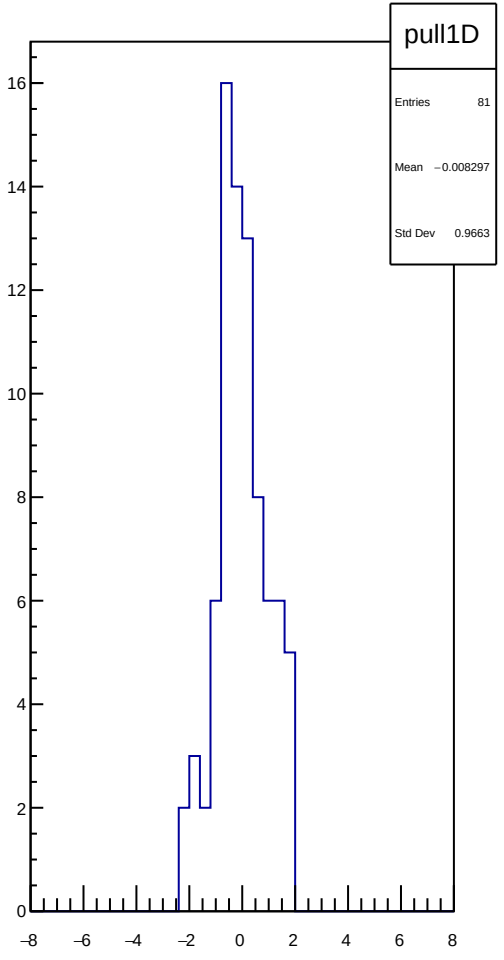

asym_atr_avg_correction_rms vs run
χ² / ndf 1.828e+04 / 80
p0 7207 ± 5.822
9500
9000
8500
8000
7500
7000
6500
6000
5500
5000

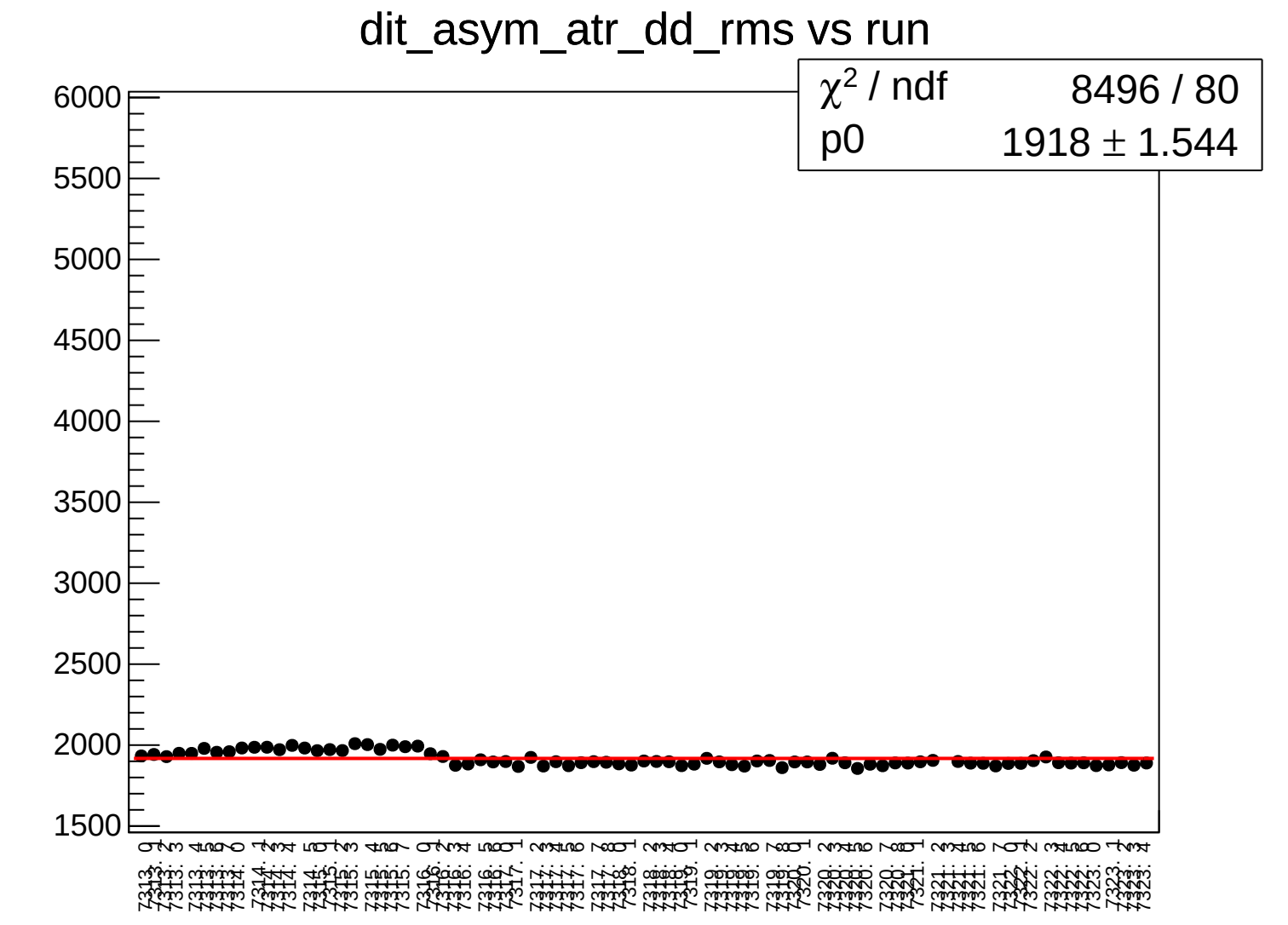

asym_atr_avg_mean vs run
×10^3
χ² / ndf 86.82 / 80
p0 −1.213e+04 ± 8596
pull
Entries 81
Mean −2235
Std Dev 2280

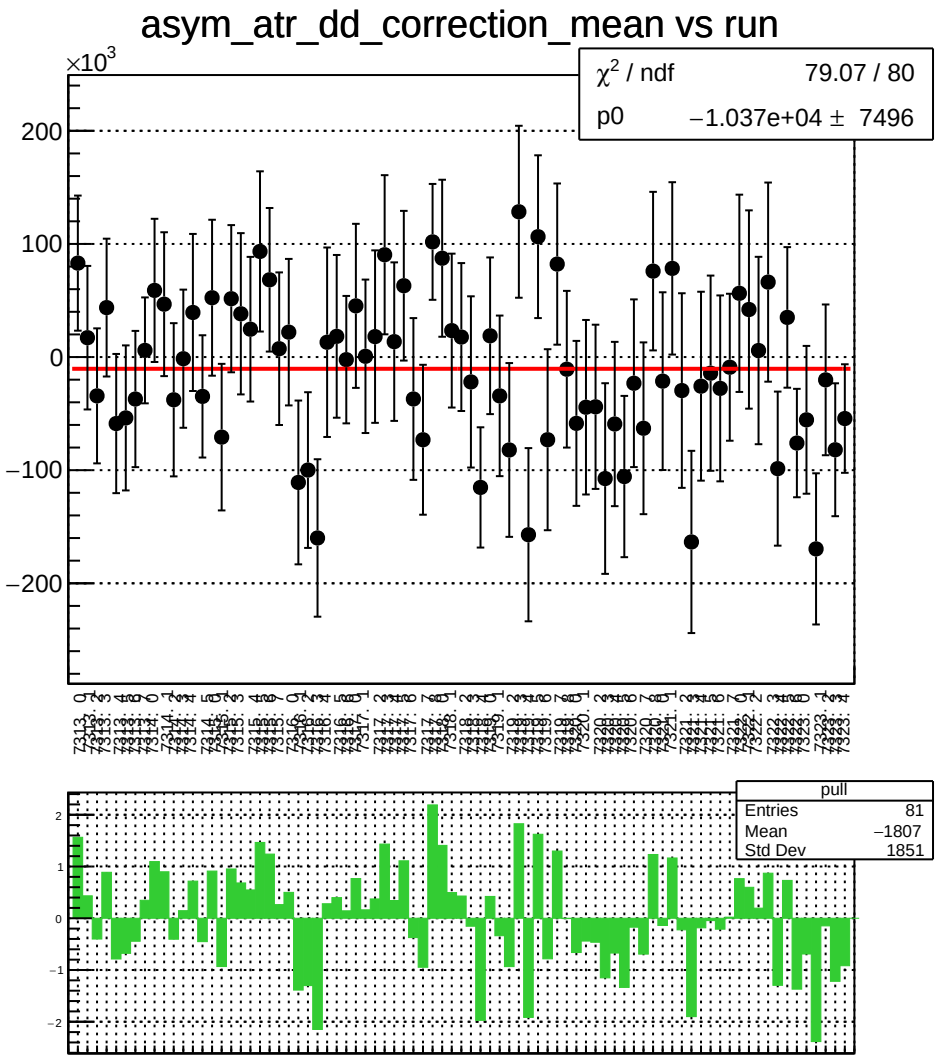

pull1D
Entries 81
Mean 0.002436
Std Dev 1.035

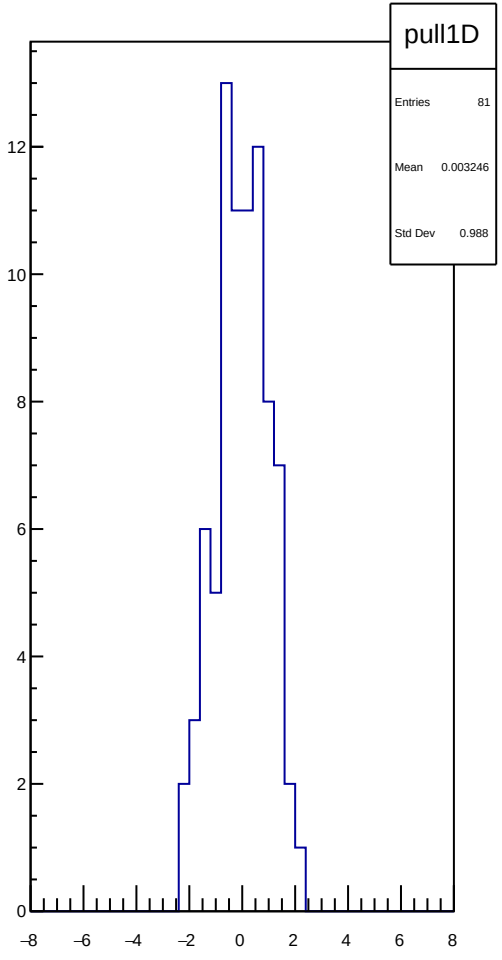

asym_atr_avg_rms vs run
χ² / ndf 1.635e+04 / 80
p0 7530 ± 6.079
10000
9000
8000
7000
6000
5000

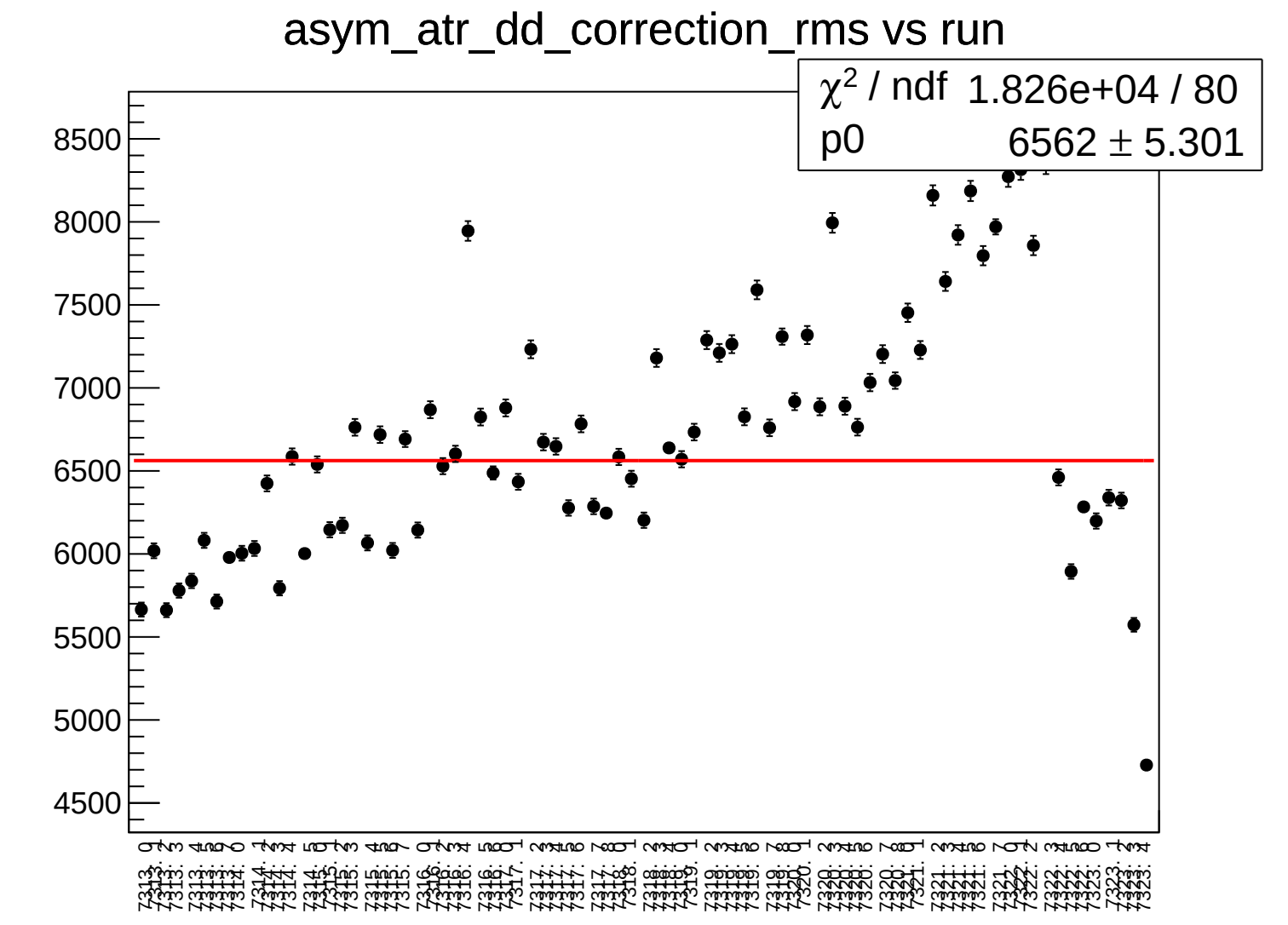

dit_asym_atr_dd_mean vs run
χ² / ndf 75.64 / 80
p0 −2145 ± 2184
pull
Entries 81
Mean 83.02
Std Dev 68.57

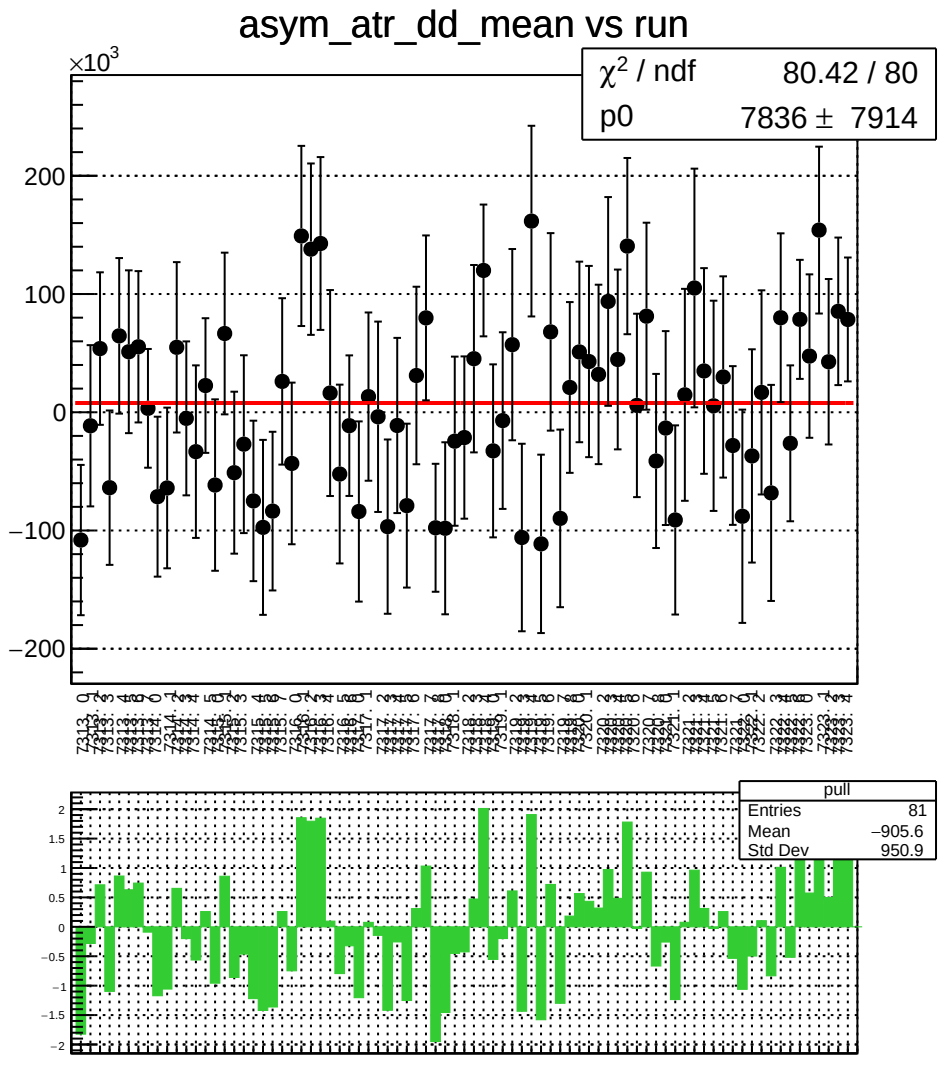

pull1D
Entries 81
Mean −0.008297
Std Dev 0.9663

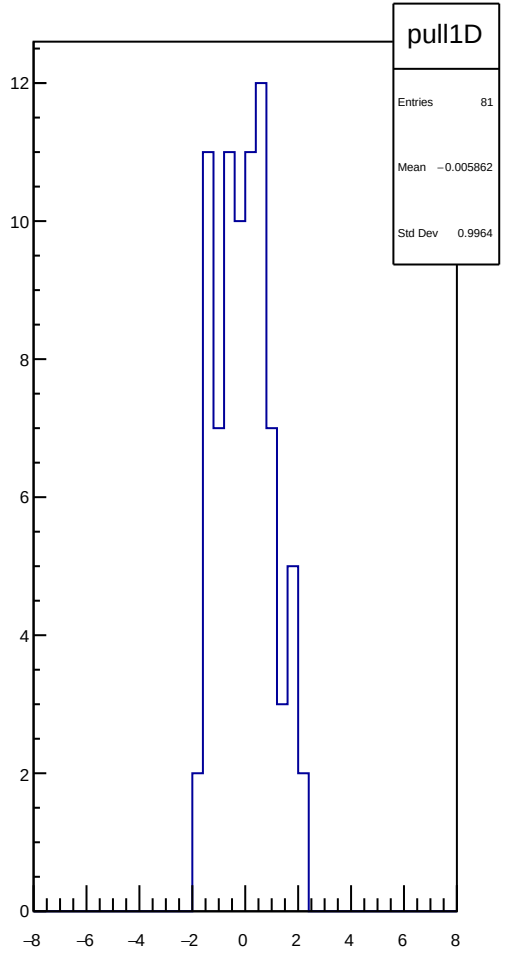

dit_asym_atr_dd_rms vs run
χ² / ndf 8496 / 80
p0 1918 ± 1.544
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500

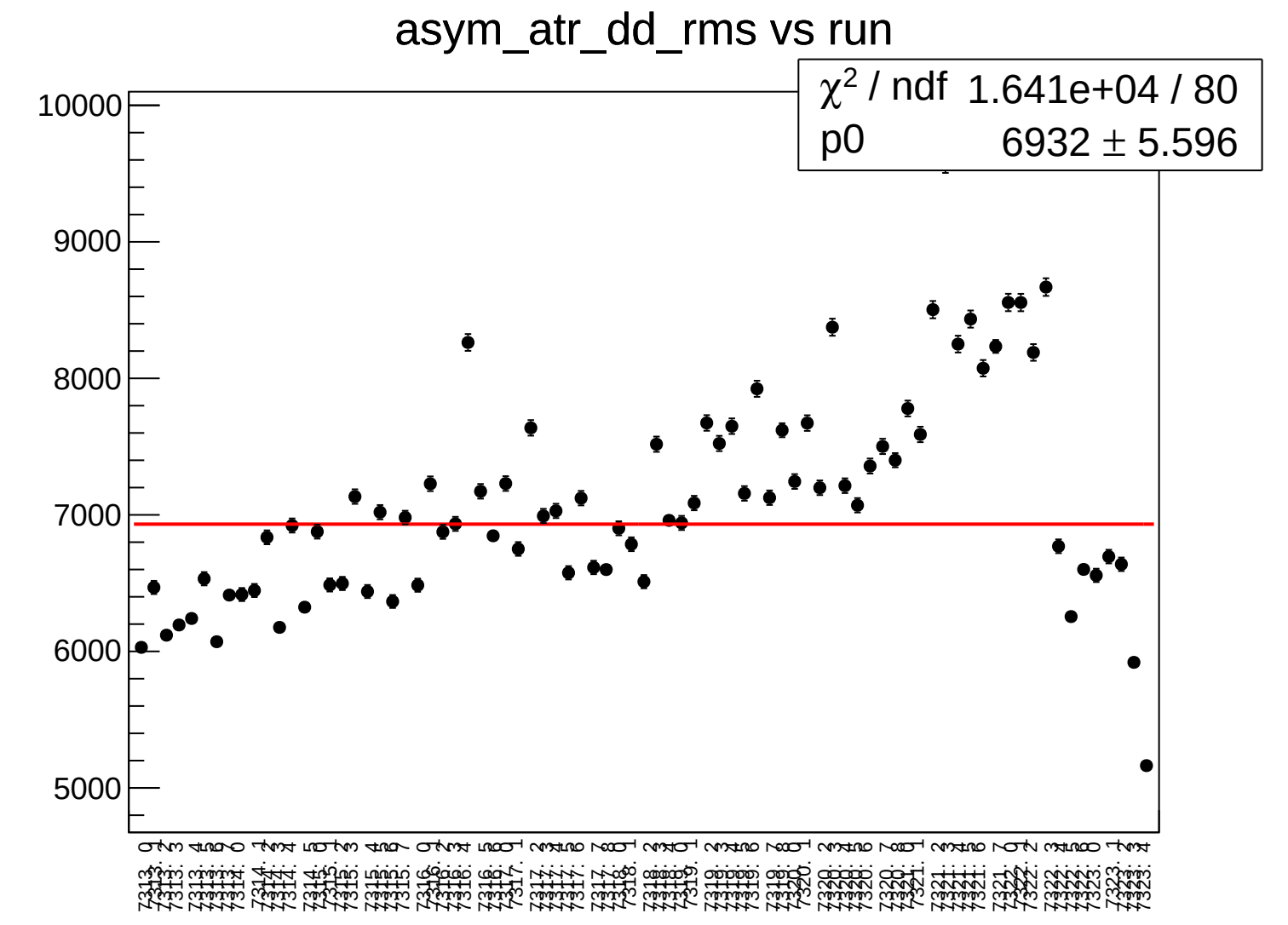

asym_atr_dd_correction_mean vs run
×10^3
χ² / ndf 79.07 / 80
p0 −1.037e+04 ± 7496
200
100
0
−100
−200
pull
Entries 81
Mean −1807
Std Dev 1851
2
1
0
−1
−2

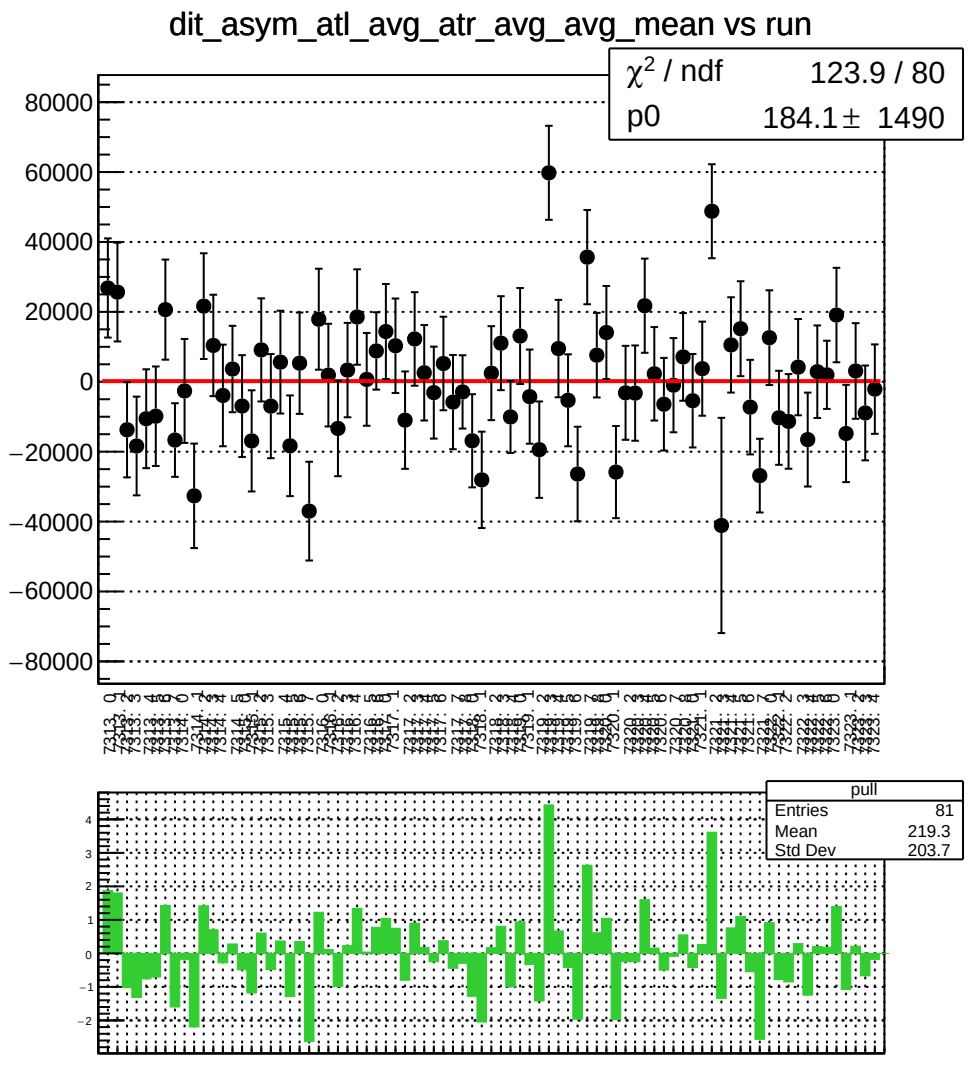

pull1D
Entries 81
Mean 0.003246
Std Dev 0.988
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

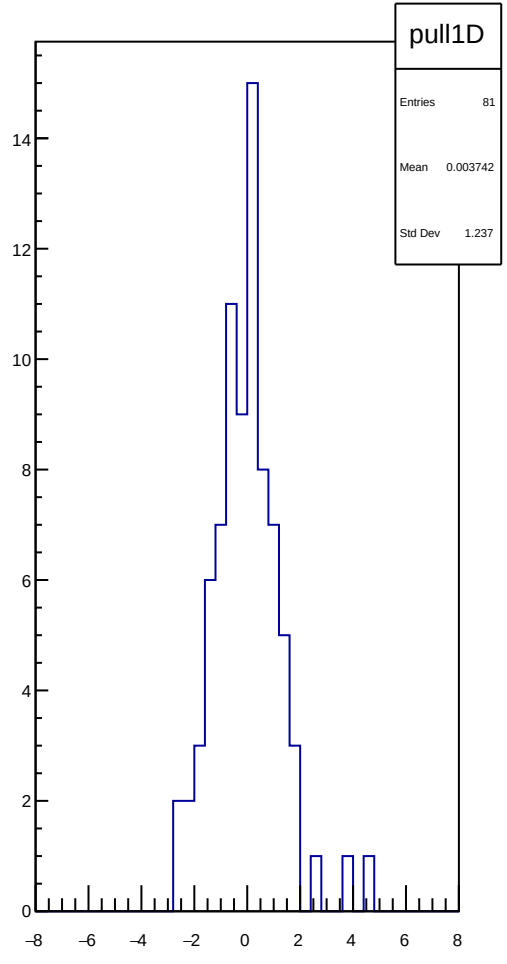

asym_atr_dd_correction_rms vs run
χ² / ndf 1.826e+04 / 80
p0 6562 ± 5.301
8500
8000
7500
7000
6500
6000
5500
5000
4500

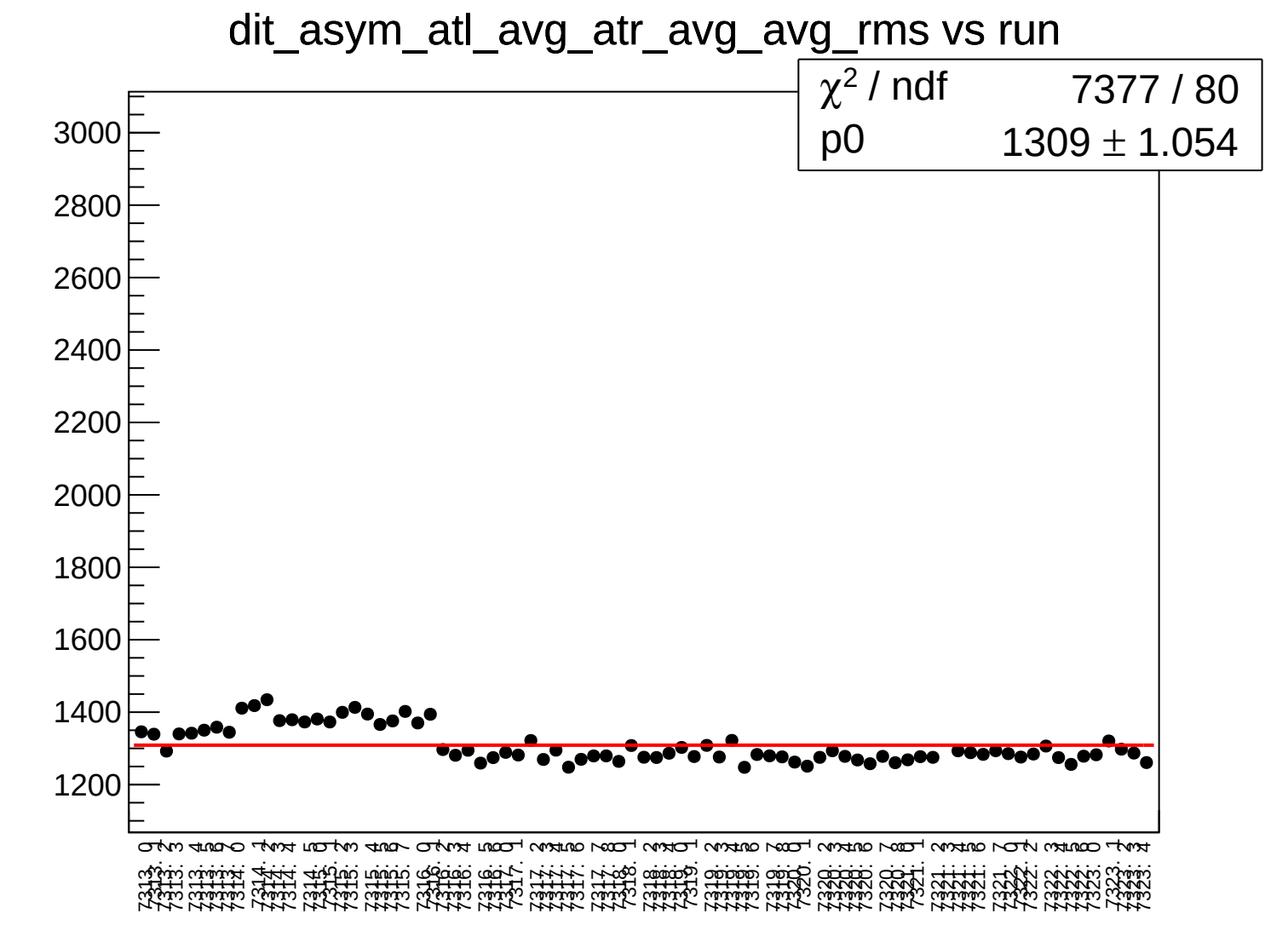

asym_atr_dd_mean vs run
×10^3
χ² / ndf 80.42 / 80
p0 7836 ± 7914
200
100
0
−100
−200
pull
Entries 81
Mean −905.6
Std Dev 950.9
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

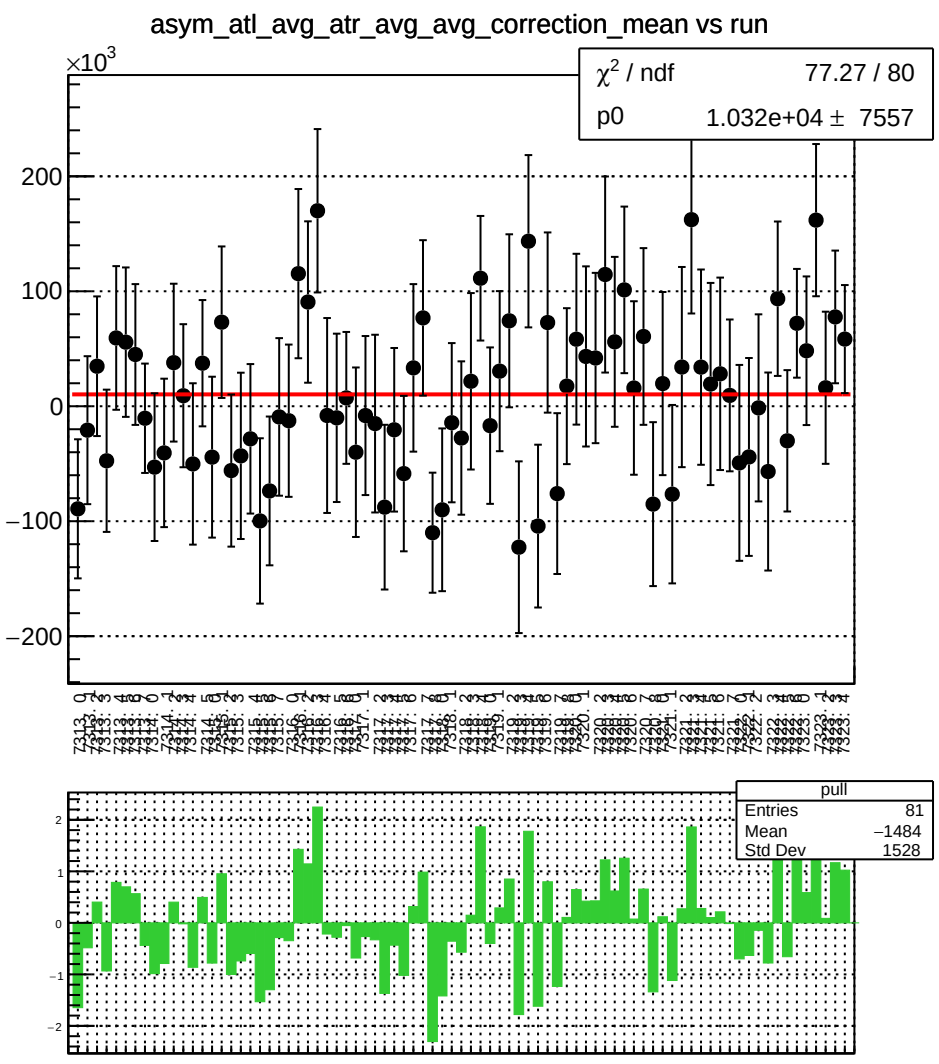

pull1D
Entries 81
Mean −0.005862
Std Dev 0.9964
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

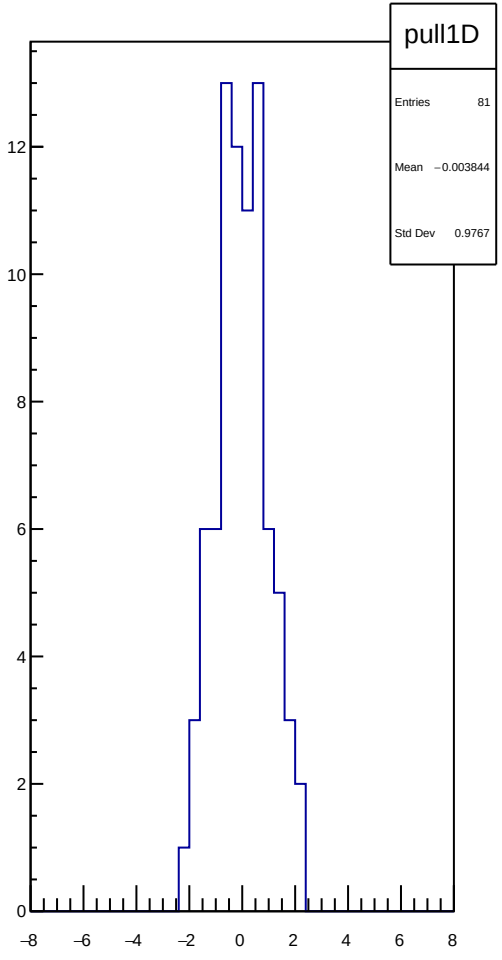

asym_atr_dd_rms vs run
χ^2 / ndf 1.641e+04 / 80
p0 6932 ± 5.596
10000
9000
8000
7000
6000
5000

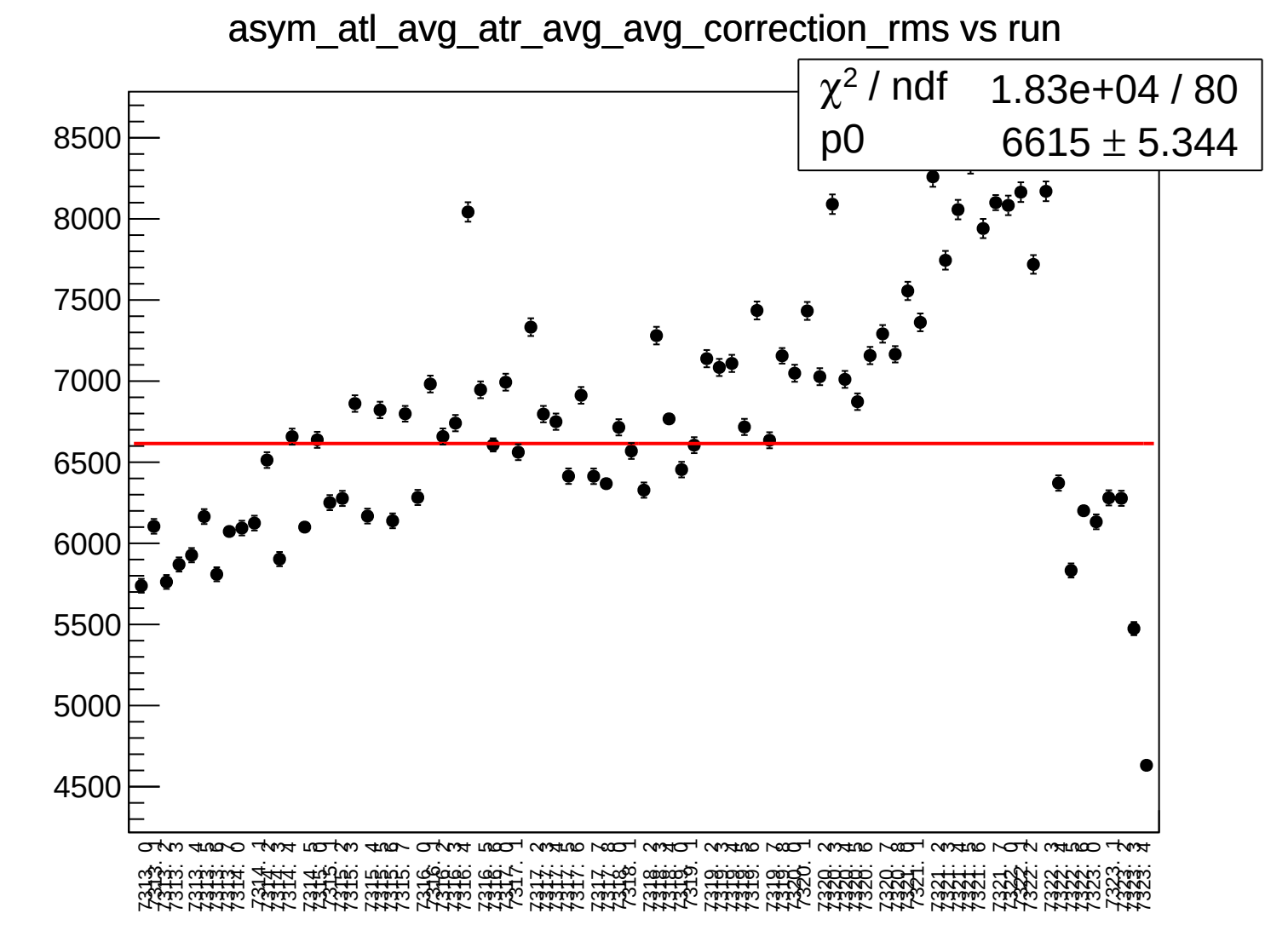

dit_asym_atl_avg_atr_avg_avg_mean vs run
χ² / ndf 123.9 / 80
p0 184.1 ± 1490
pull
Entries 81
Mean 219.3
Std Dev 203.7

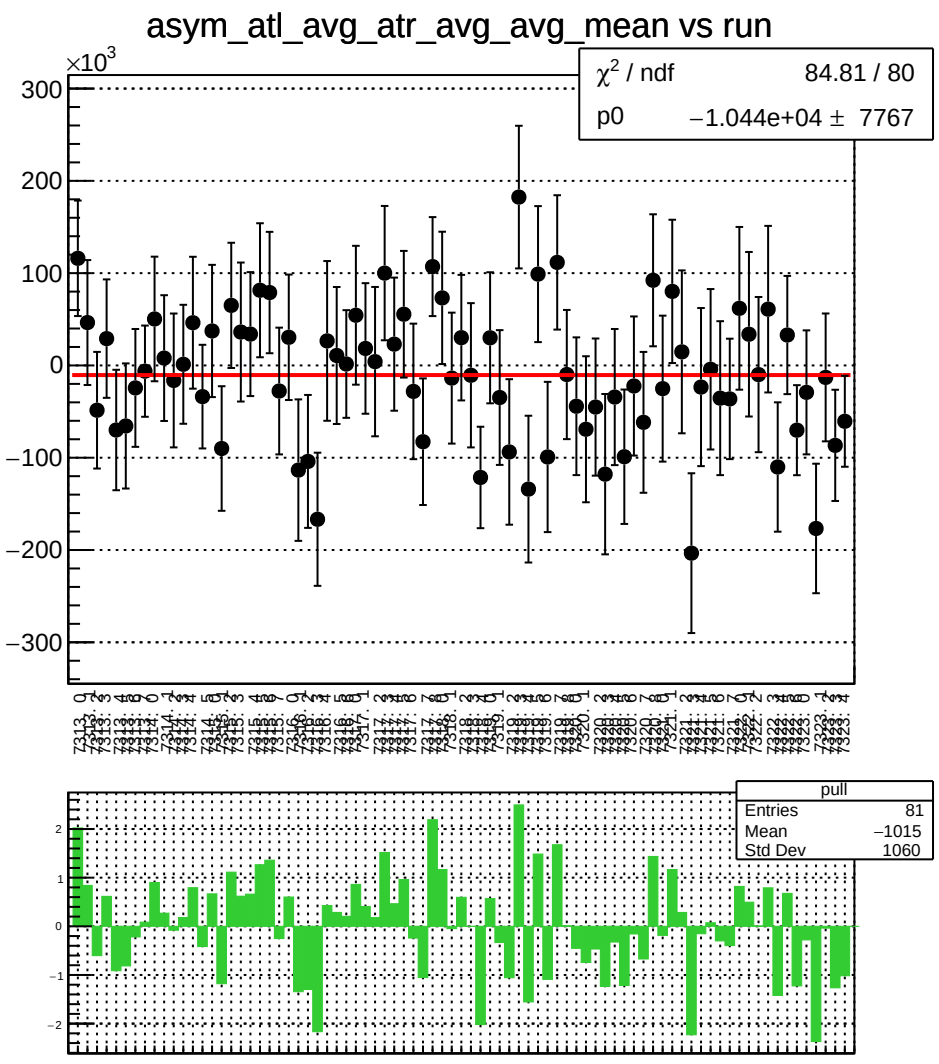

pull1D
Entries 81
Mean 0.003742
Std Dev 1.237

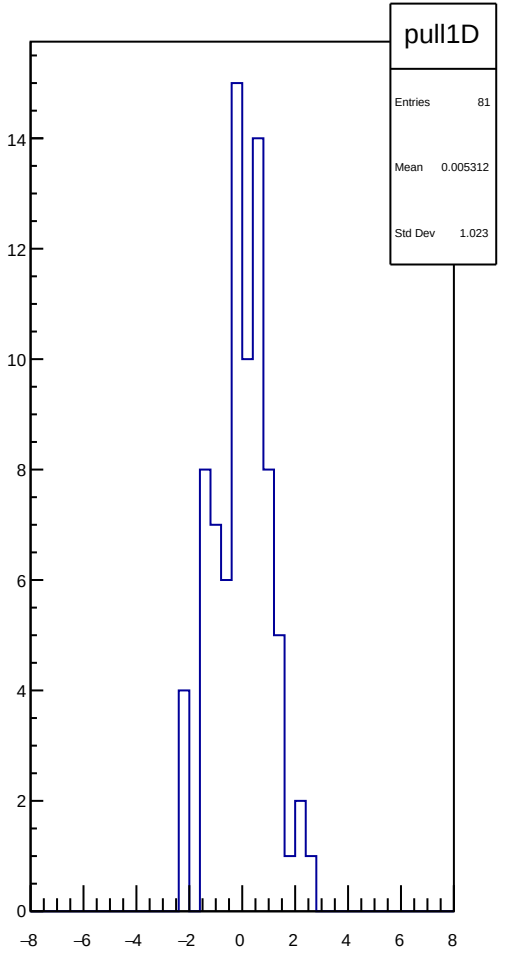

dit_asym_atl_avg_atr_avg_avg_rms vs run
χ² / ndf 7377 / 80
p0 1309 ± 1.054
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

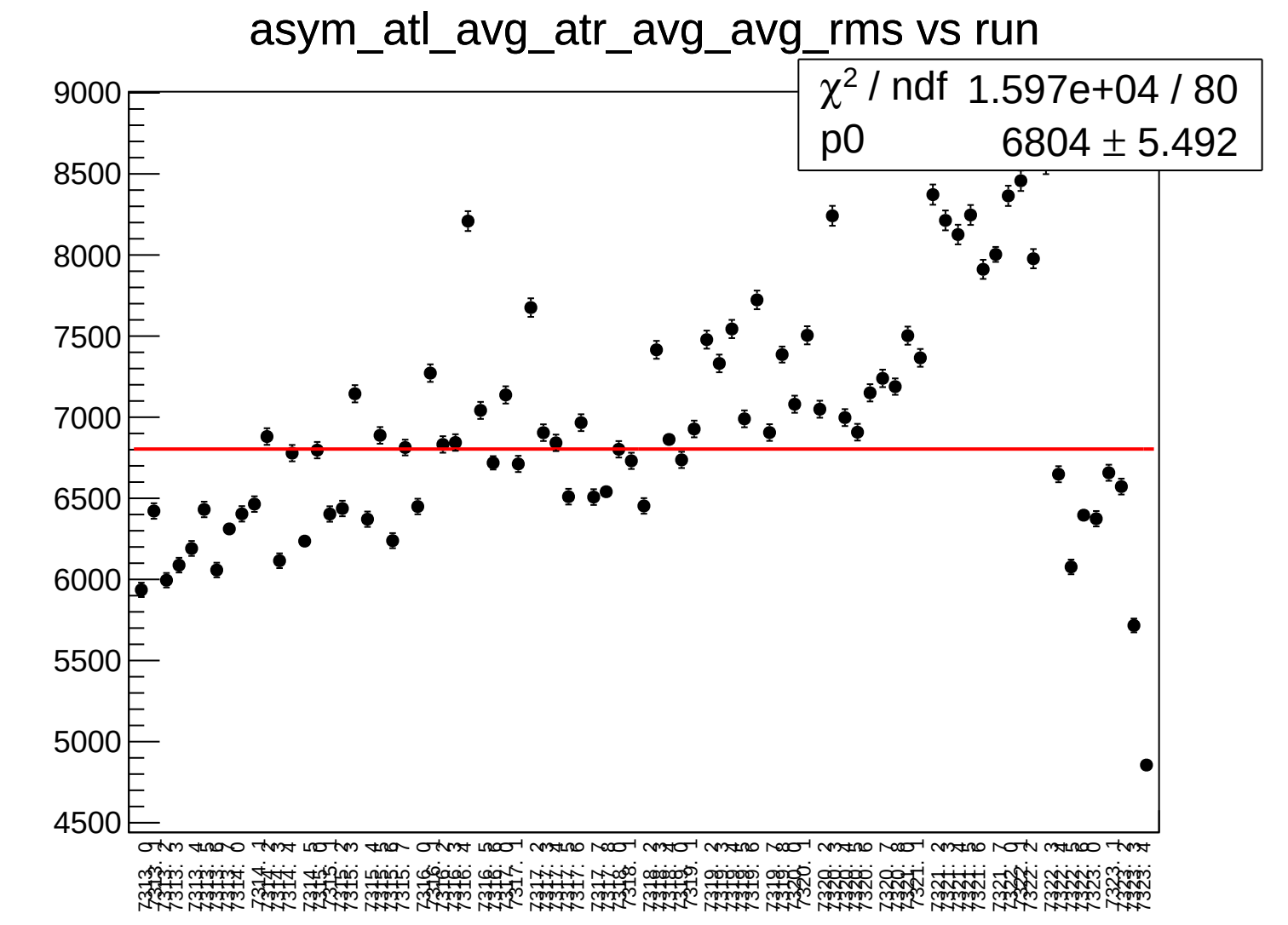

asym_atl_avg_atr_avg_avg_correction_mean vs run
χ² / ndf 77.27 / 80
p0 1.032e+04 ± 7557
×10³
pull
Entries 81
Mean −1484
Std Dev 1528

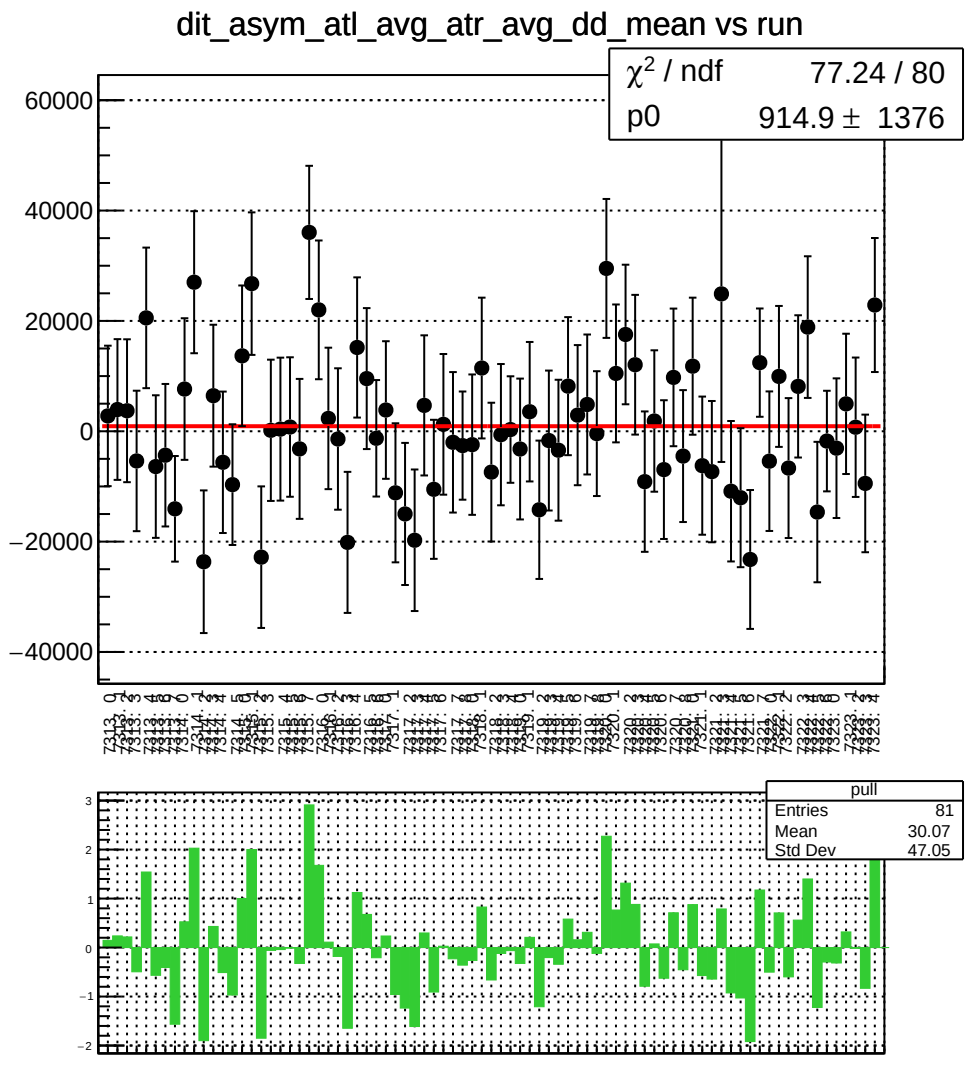

pull1D
Entries 81
Mean −0.003844
Std Dev 0.9767

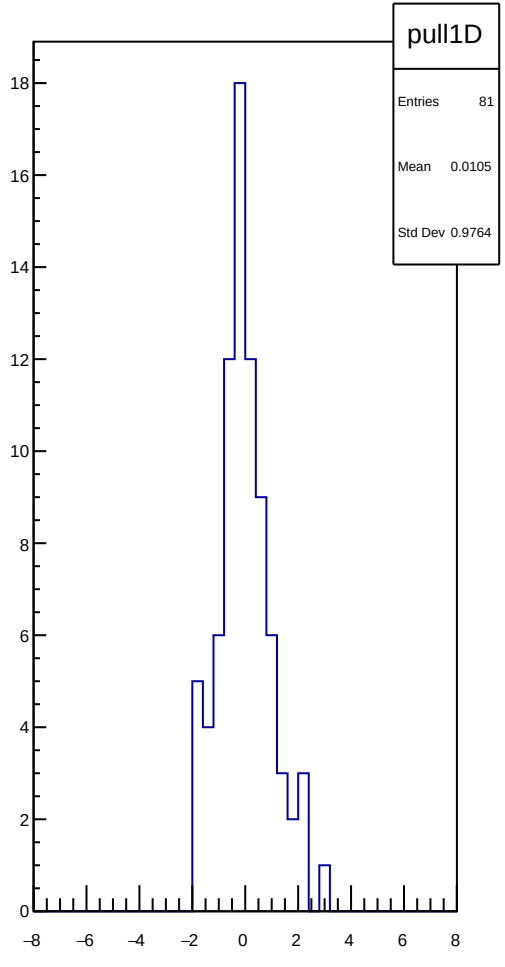

asym_atl_avg_atr_avg_avg_correction_rms vs run
χ² / ndf 1.83e+04 / 80
p0 6615 ± 5.344
8500
8000
7500
7000
6500
6000
5500
5000
4500

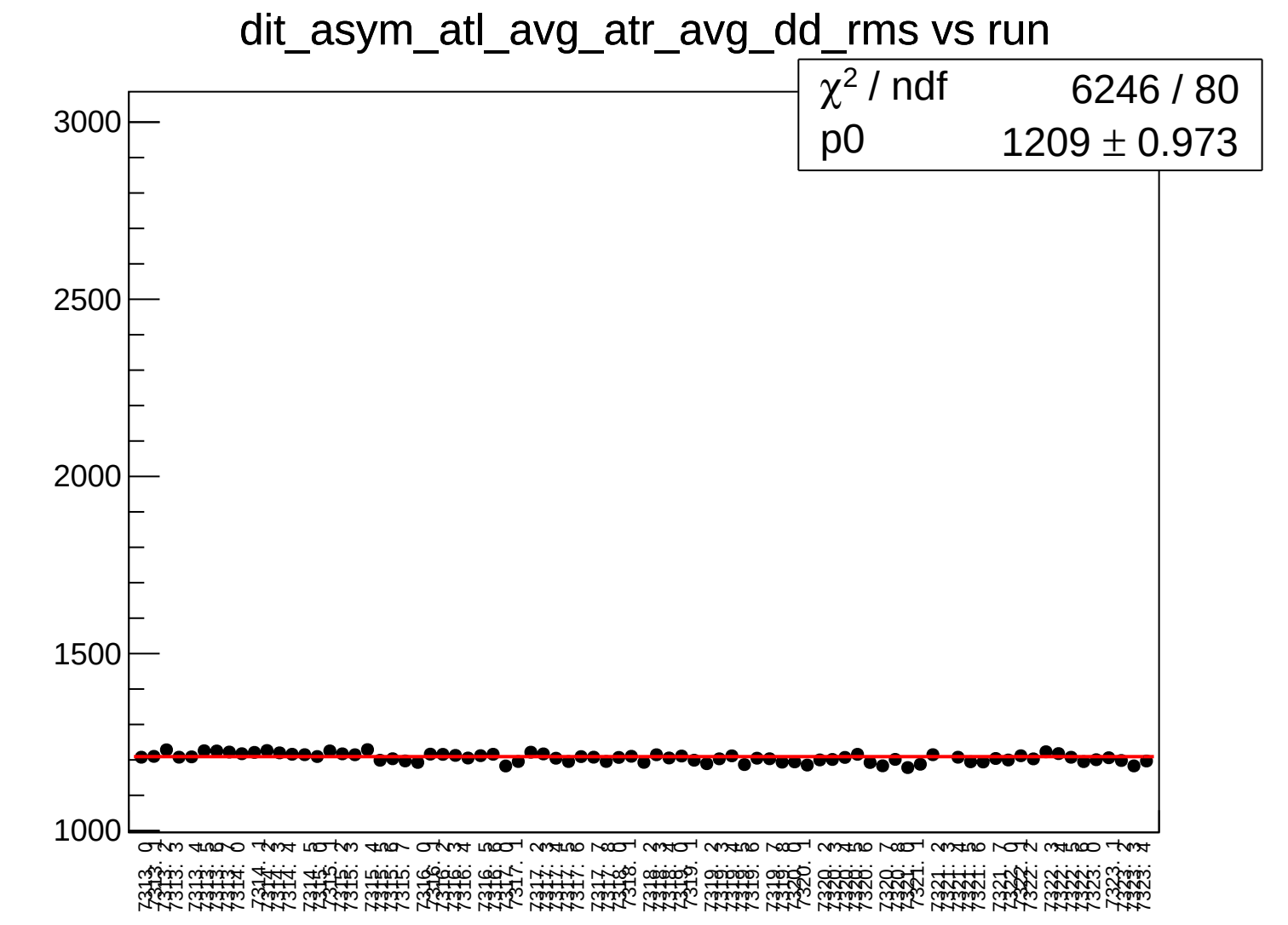

asym_atl_avg_atr_avg_avg_mean vs run
×10^3
χ² / ndf 84.81 / 80
p0 −1.044e+04 ± 7767
pull
Entries 81
Mean −1015
Std Dev 1060

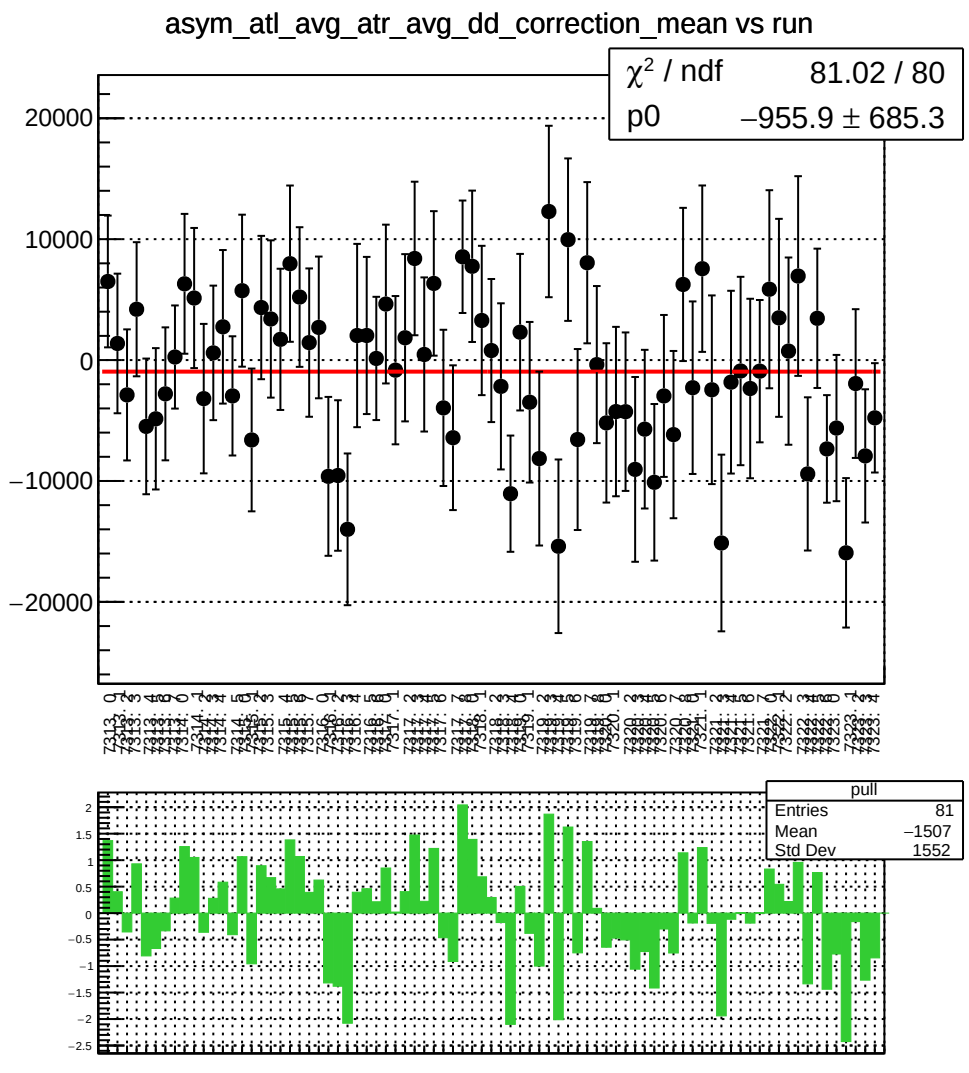

pull1D
Entries 81
Mean 0.005312
Std Dev 1.023

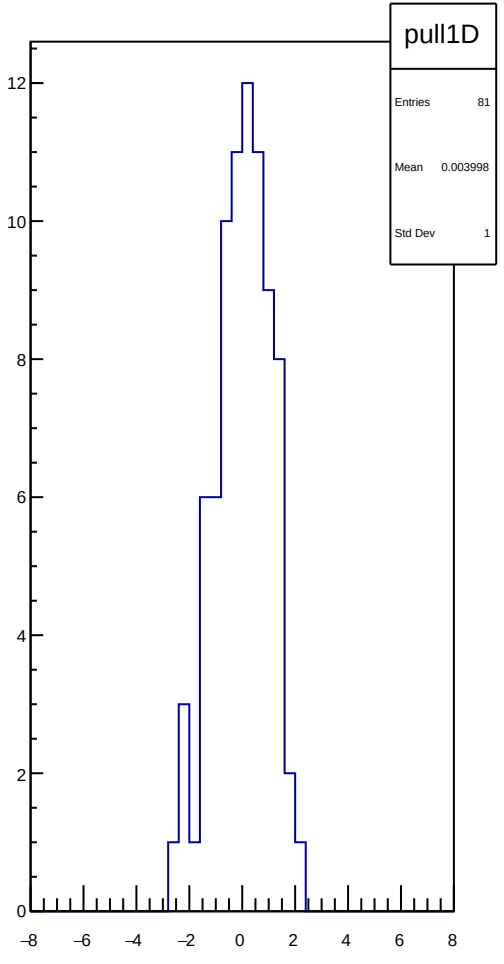

asym_atl_avg_atr_avg_avg_rms vs run
χ² / ndf 1.597e+04 / 80
p0 6804 ± 5.492
9000
8500
8000
7500
7000
6500
6000
5500
5000
4500

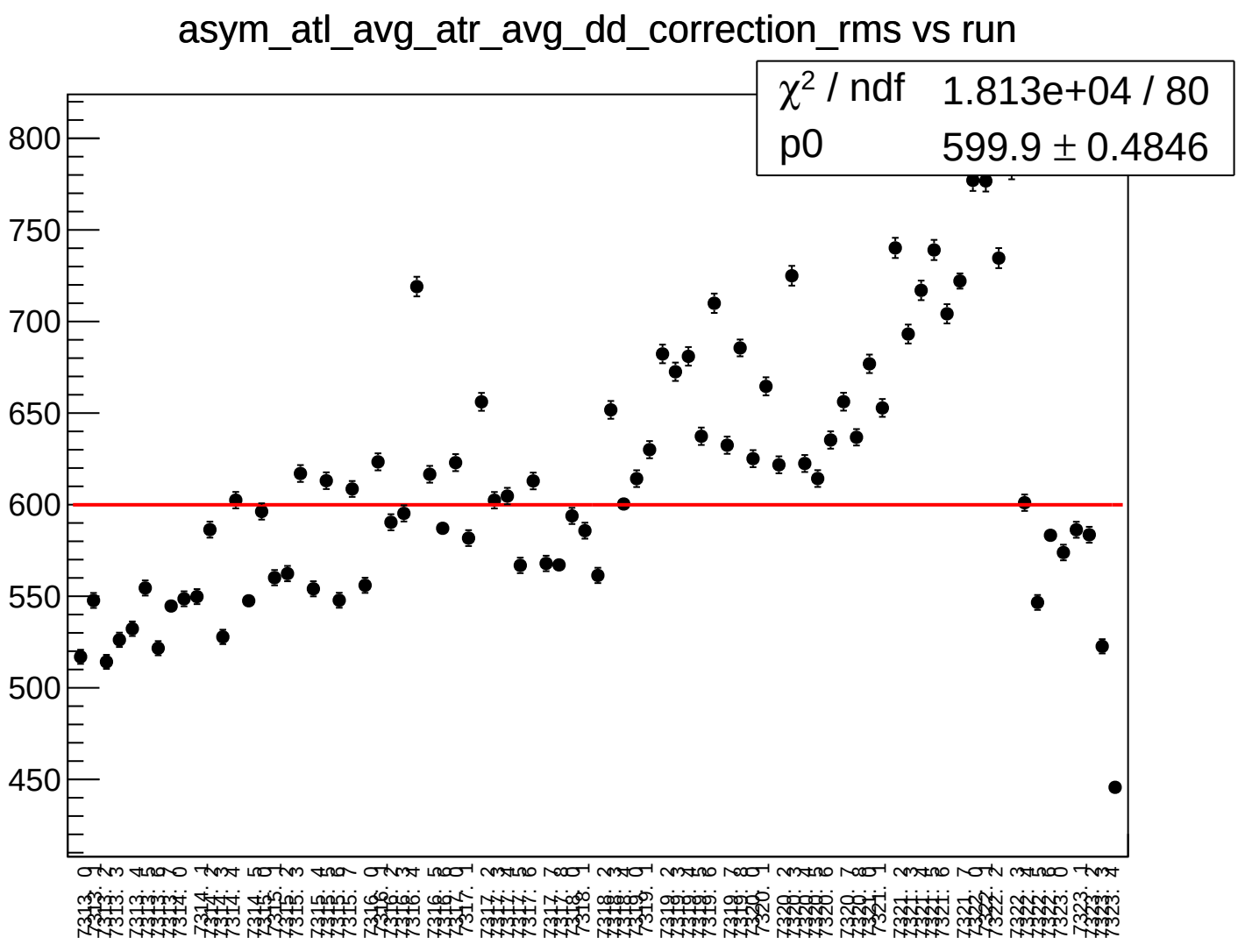

dit_asym_atl_avg_atr_avg_dd_mean vs run
χ² / ndf 77.24 / 80
p0 914.9 ± 1376
60000
40000
20000
0
−20000
−40000
pull
Entries 81
Mean 30.07
Std Dev 47.05
3
2
1
0
−1
−2

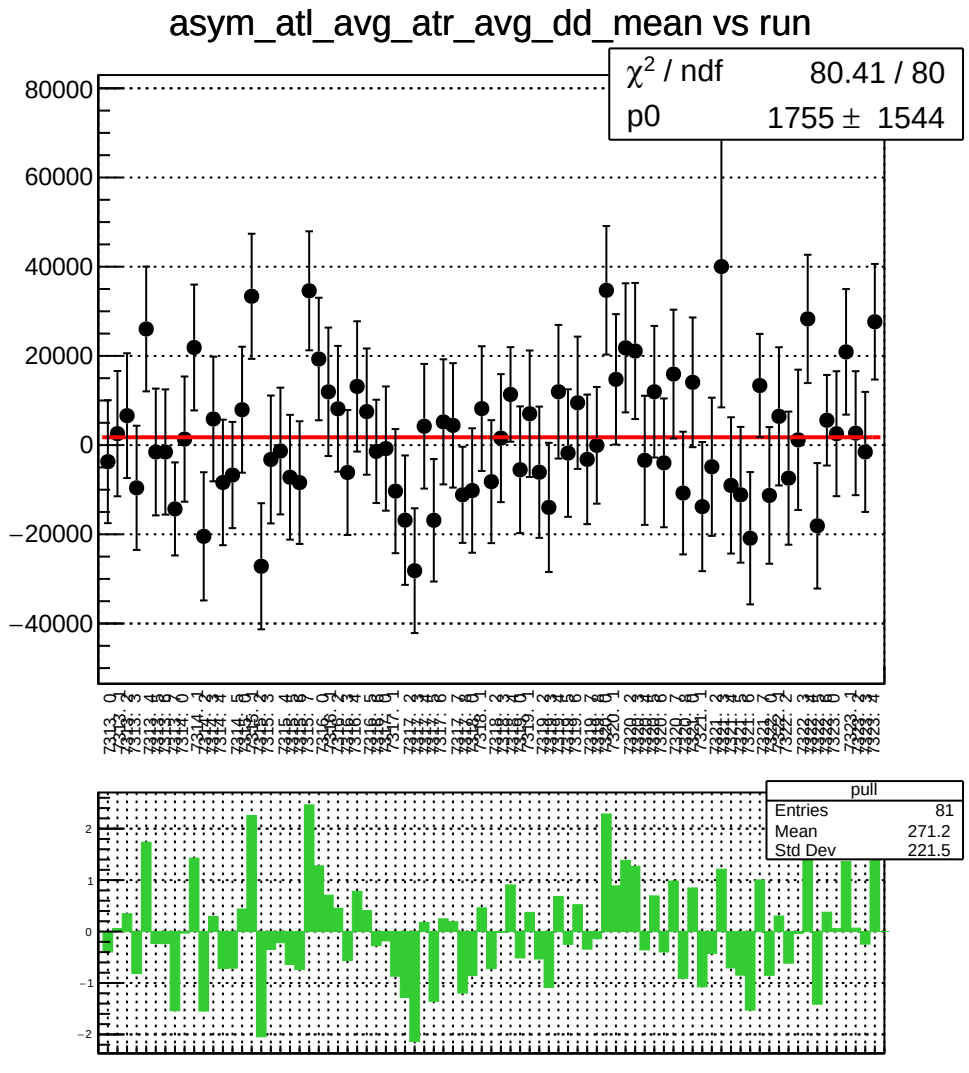

pull1D
Entries 81
Mean 0.0105
Std Dev 0.9764
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

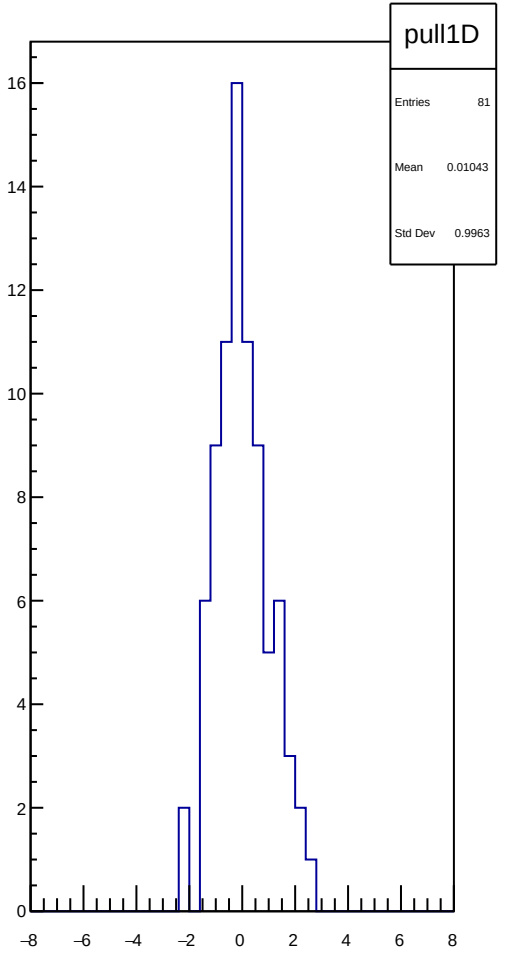

dit_asym_atl_avg_atr_avg_dd_rms vs run
χ² / ndf 6246 / 80
p0 1209 ± 0.973
3000
2500
2000
1500
1000

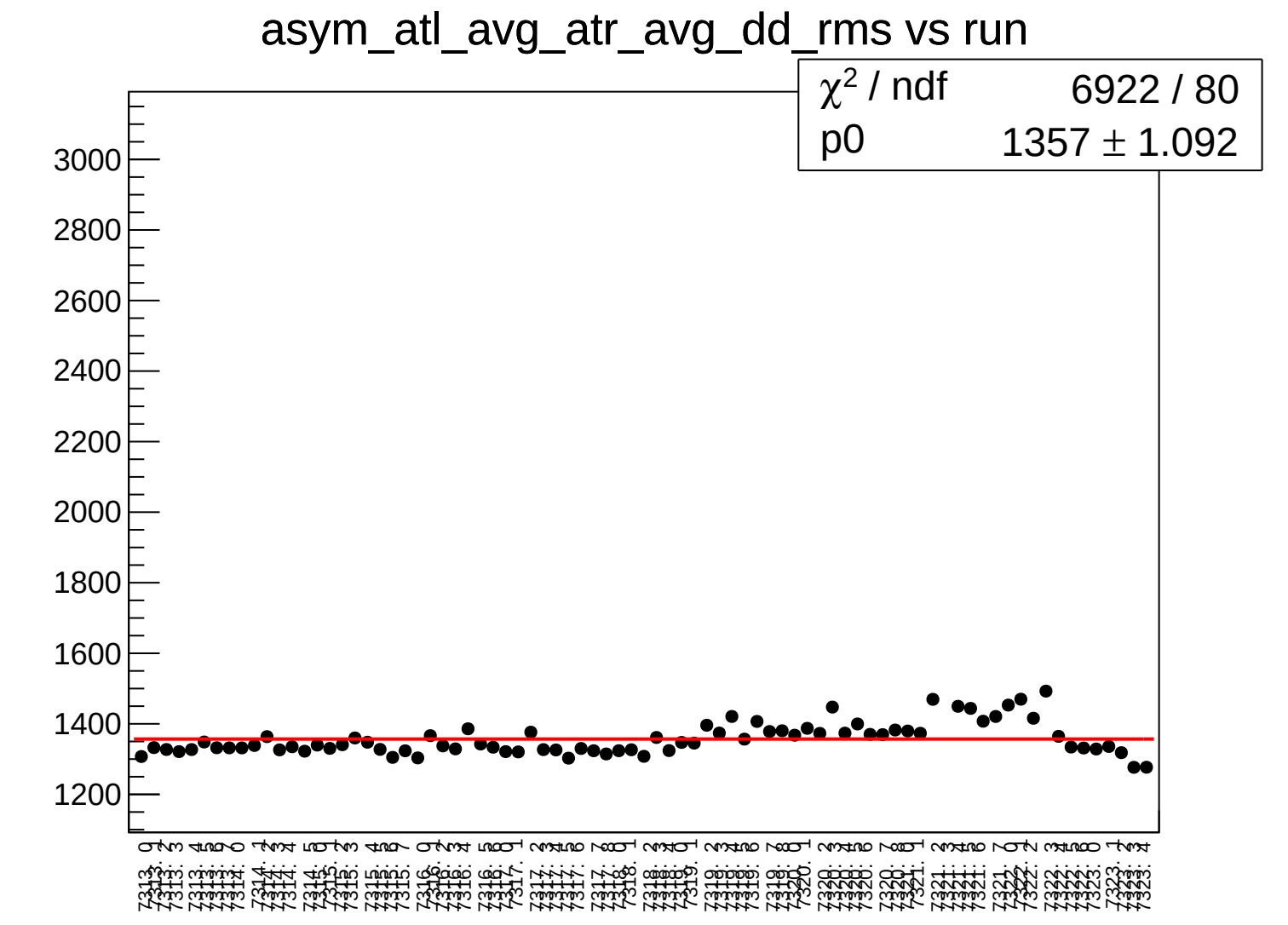

asym_atl_avg_atr_avg_dd_correction_mean vs run
χ² / ndf 81.02 / 80
p0 −955.9 ± 685.3
20000
10000
0
−10000
−20000
pull
Entries 81
Mean −1507
Std Dev 1552
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

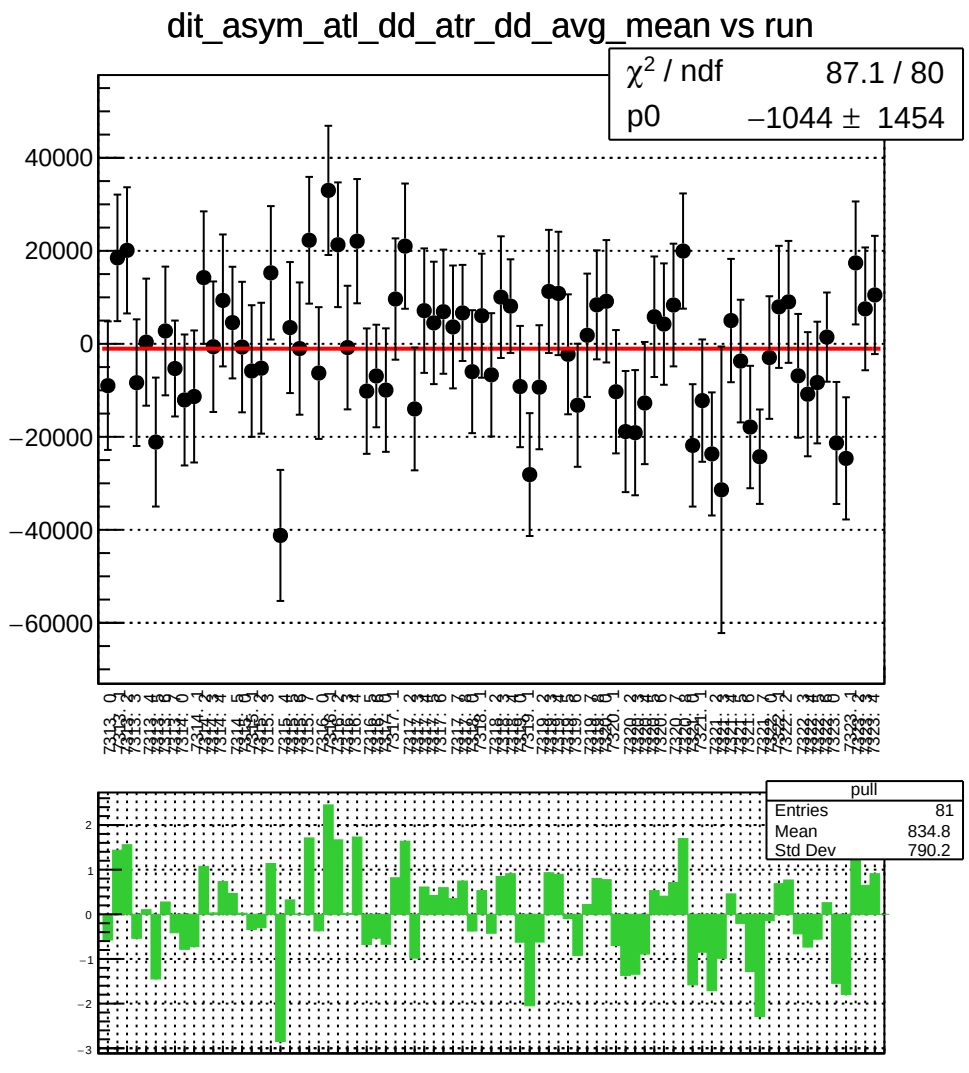

pull1D
Entries 81
Mean 0.003998
Std Dev 1
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

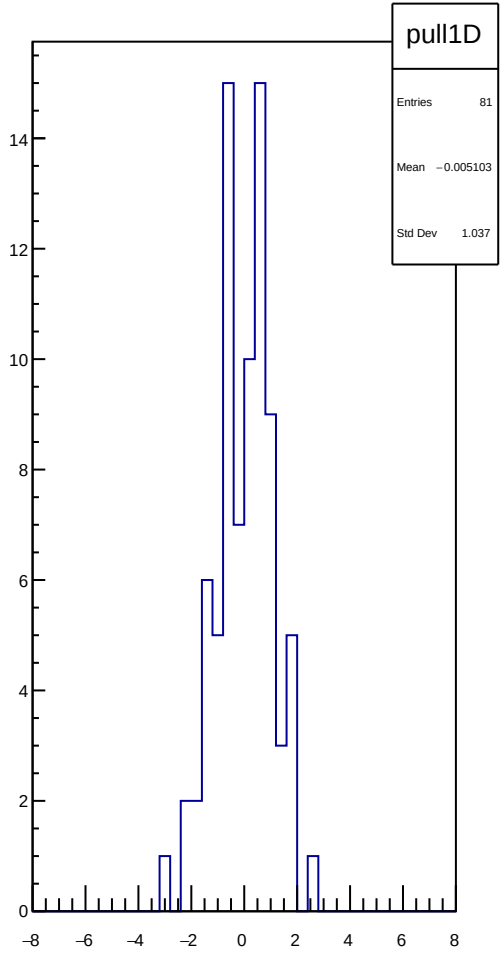

asym_atl_avg_atr_avg_dd_correction_rms vs run
χ² / ndf 1.813e+04 / 80
p0 599.9 ± 0.4846
800
750
700
650
600
550
500
450

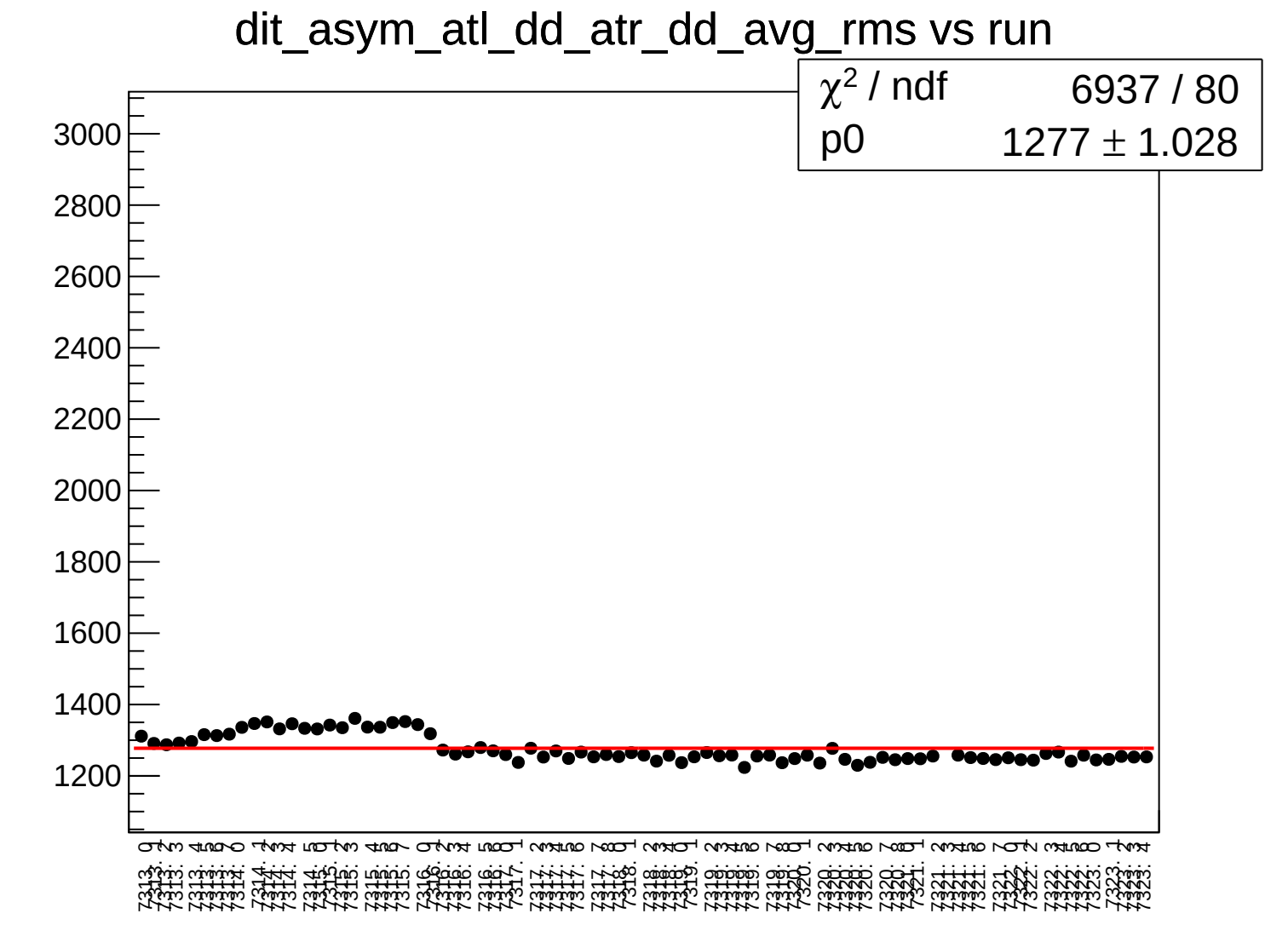

asym_atl_avg_atr_avg_dd_mean vs run
χ² / ndf 80.41 / 80
p0 1755 ± 1544
pull
Entries 81
Mean 271.2
Std Dev 221.5

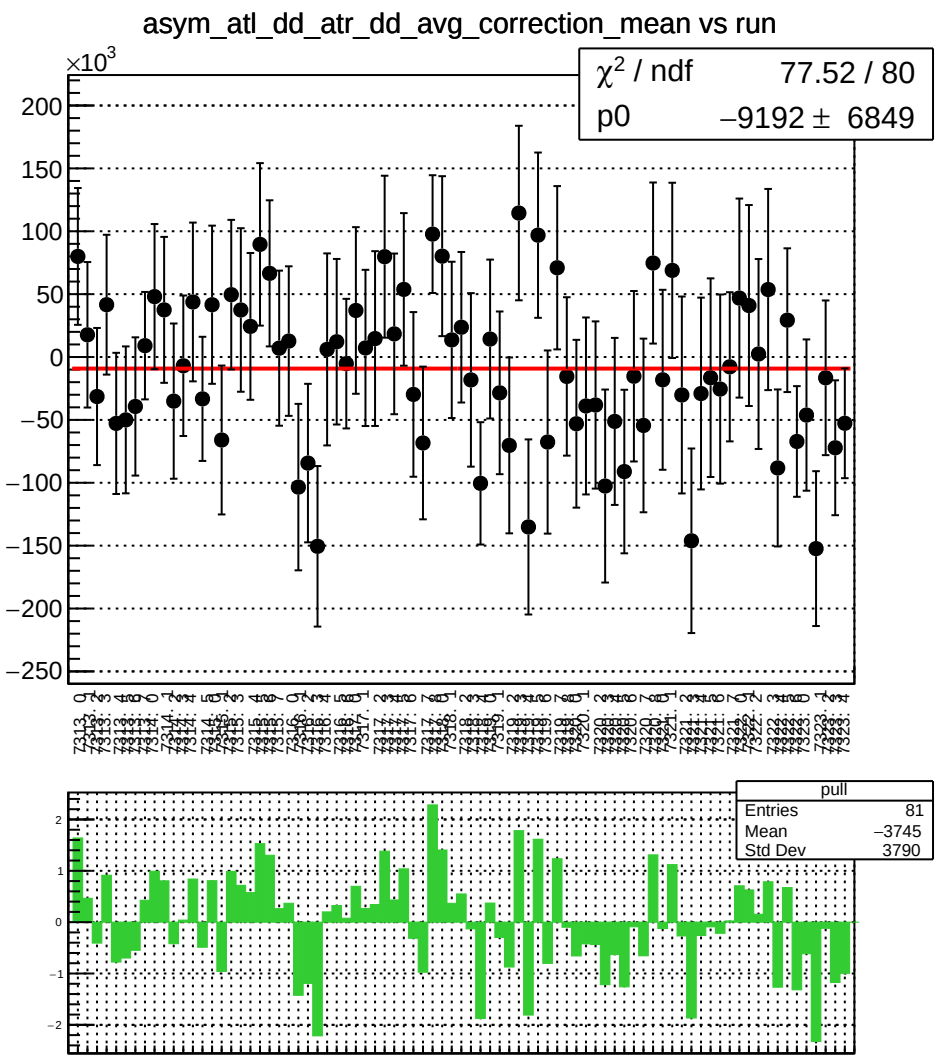

pull1D
Entries 81
Mean 0.01043
Std Dev 0.9963

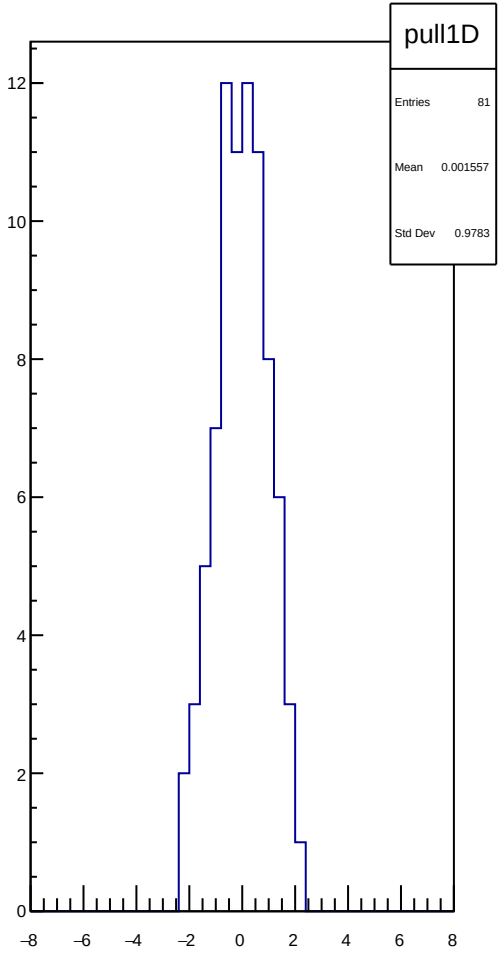

asym_atl_avg_atr_avg_dd_rms vs run
χ² / ndf 6922 / 80
p0 1357 ± 1.092
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

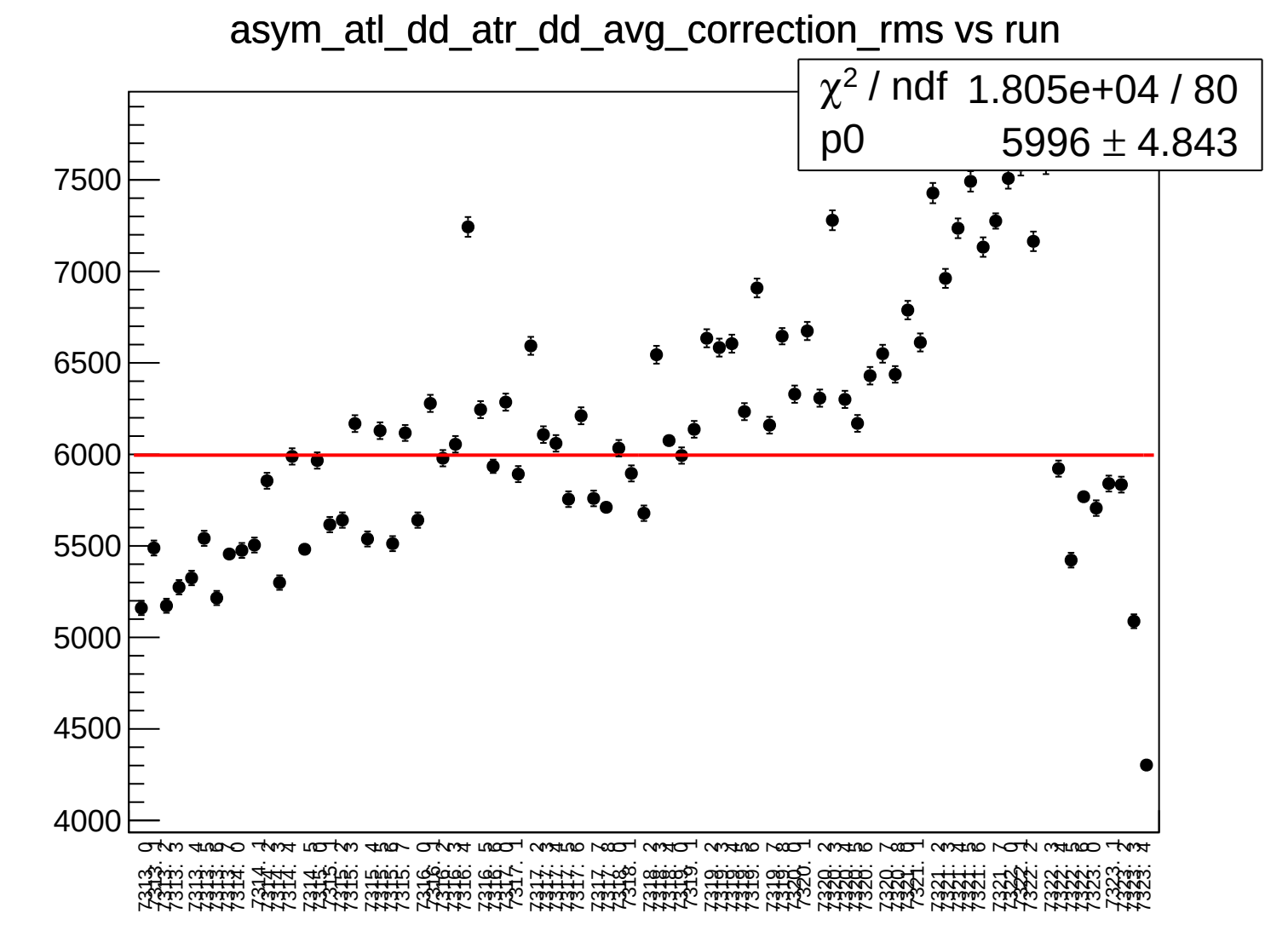

dit_asym_atl_dd_atr_dd_avg_mean vs run
χ² / ndf 87.1 / 80
p0 −1044 ± 1454
40000
20000
0
−20000
−40000
−60000
pull
Entries 81
Mean 834.8
Std Dev 790.2
2
1
0
−1
−2
−3

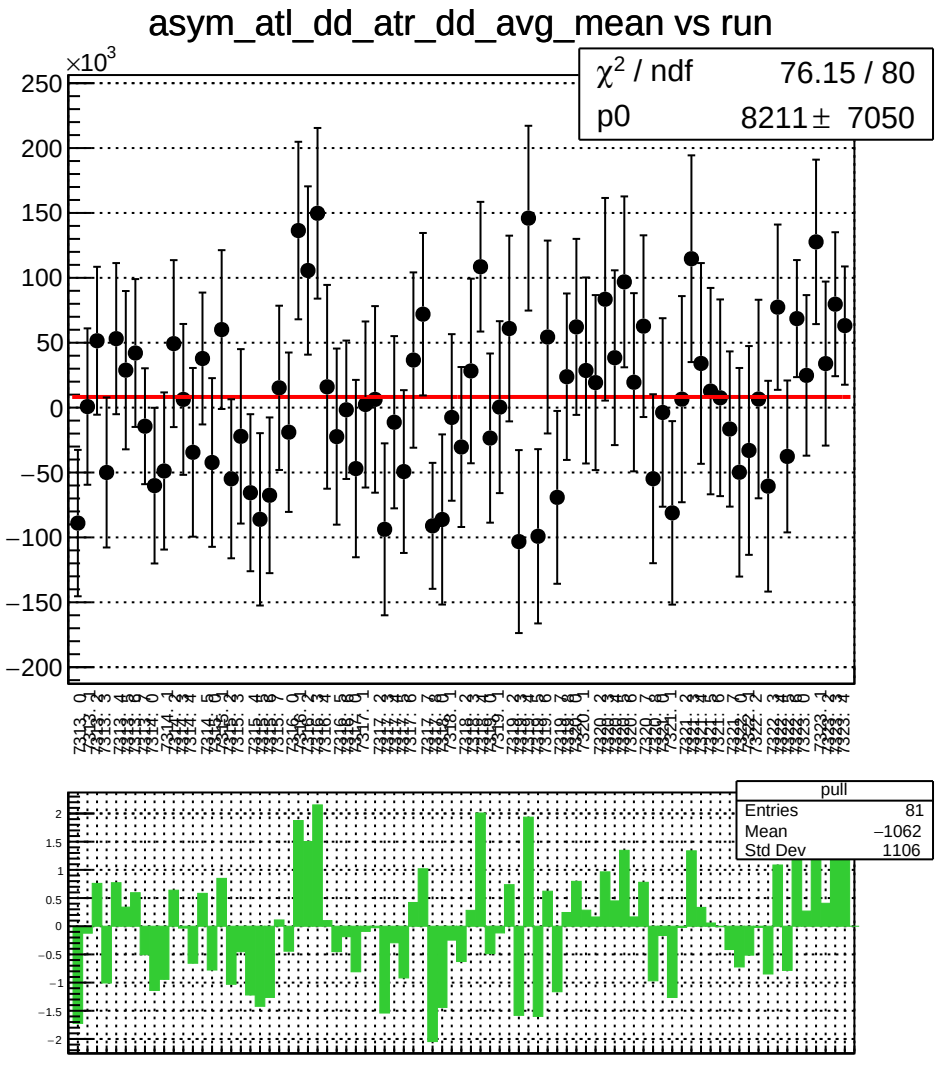

pull1D
Entries 81
Mean −0.005103
Std Dev 1.037
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

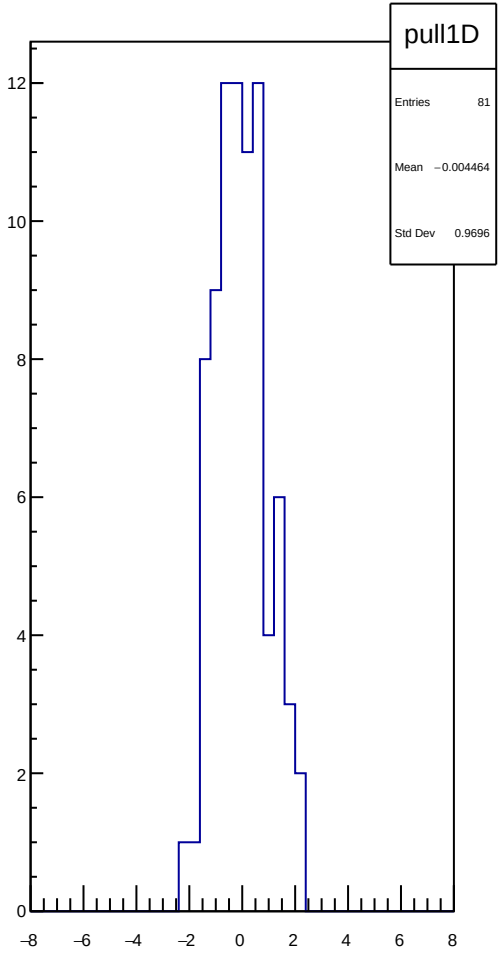

dit_asym_atl_dd_atr_dd_avg_rms vs run
χ² / ndf 6937 / 80
p0 1277 ± 1.028
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

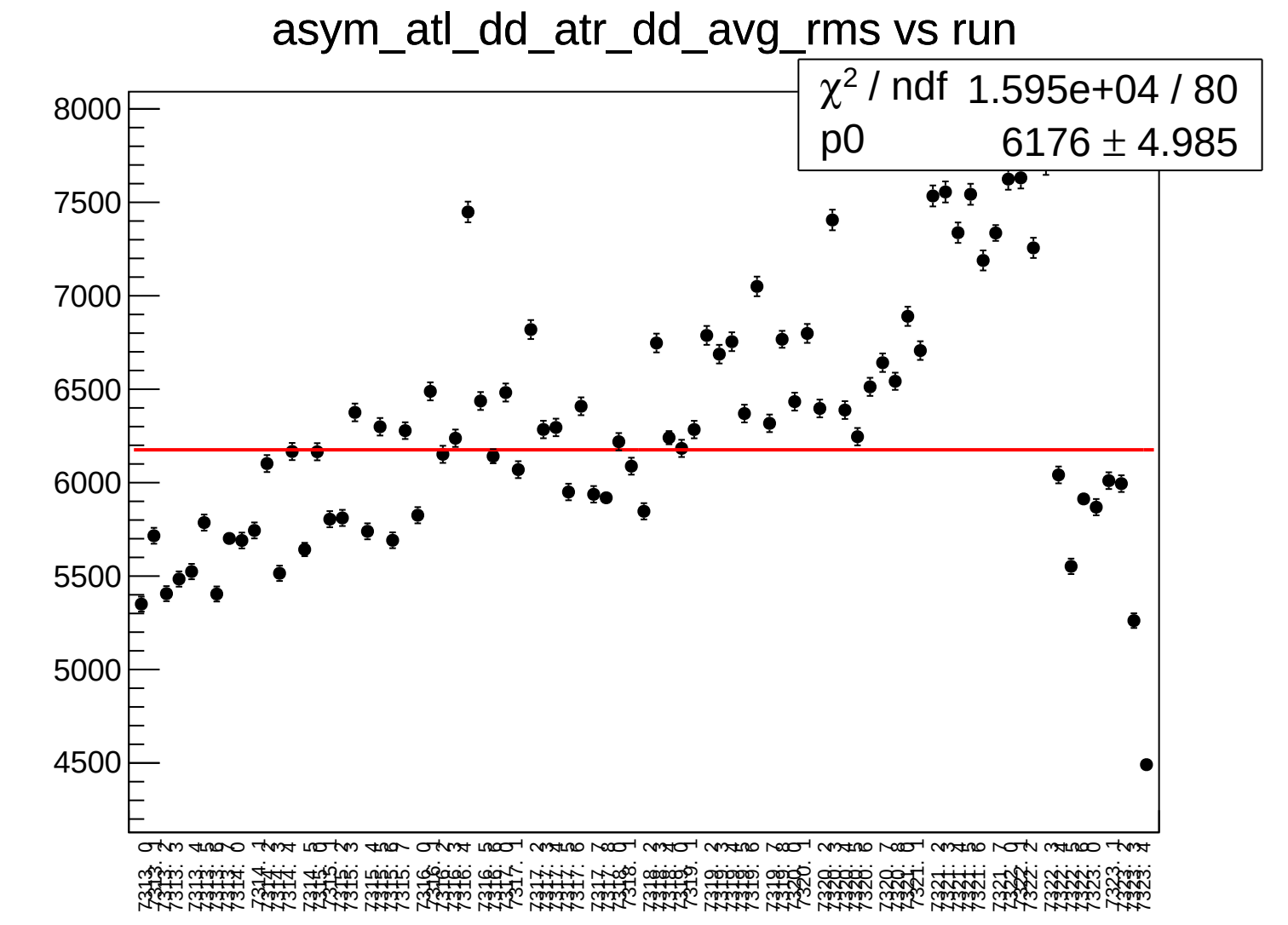

asym_atl_dd_atr_dd_avg_correction_mean vs run
×10^3
χ² / ndf 77.52 / 80
p0 −9192 ± 6849
pull
Entries 81
Mean −3745
Std Dev 3790

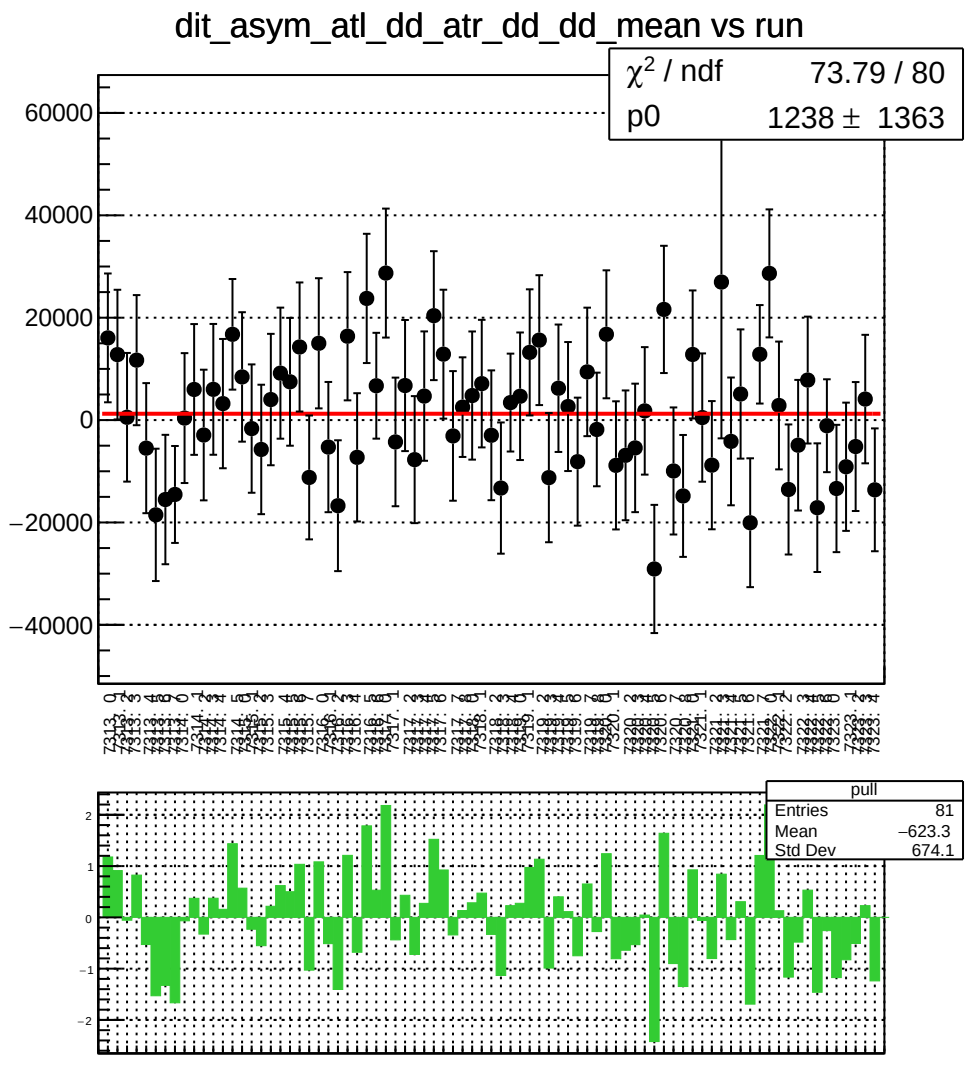

pull1D
Entries 81
Mean 0.001557
Std Dev 0.9783

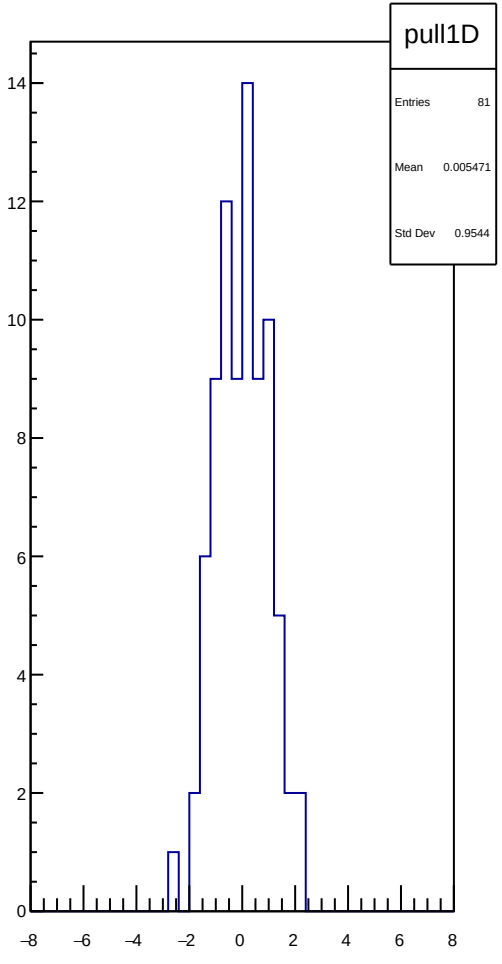

asym_atl_dd_atr_dd_avg_correction_rms vs run
χ² / ndf 1.805e+04 / 80
p0 5996 ± 4.843
7500
7000
6500
6000
5500
5000
4500
4000

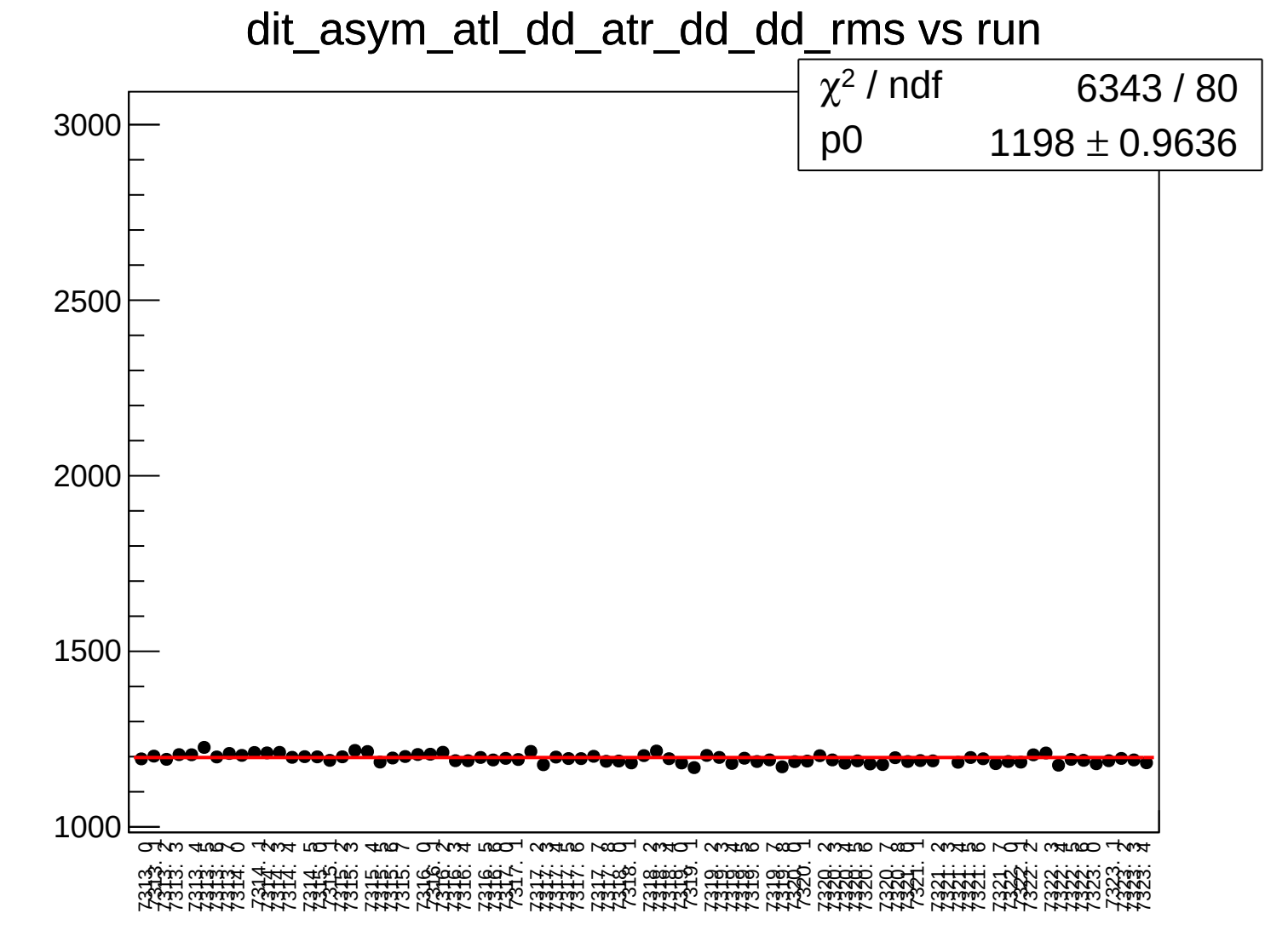

asym_atl_dd_atr_dd_avg_mean vs run
χ² / ndf 76.15 / 80
p0 8211 ± 7050
×10³
pull
Entries 81
Mean −1062
Std Dev 1106

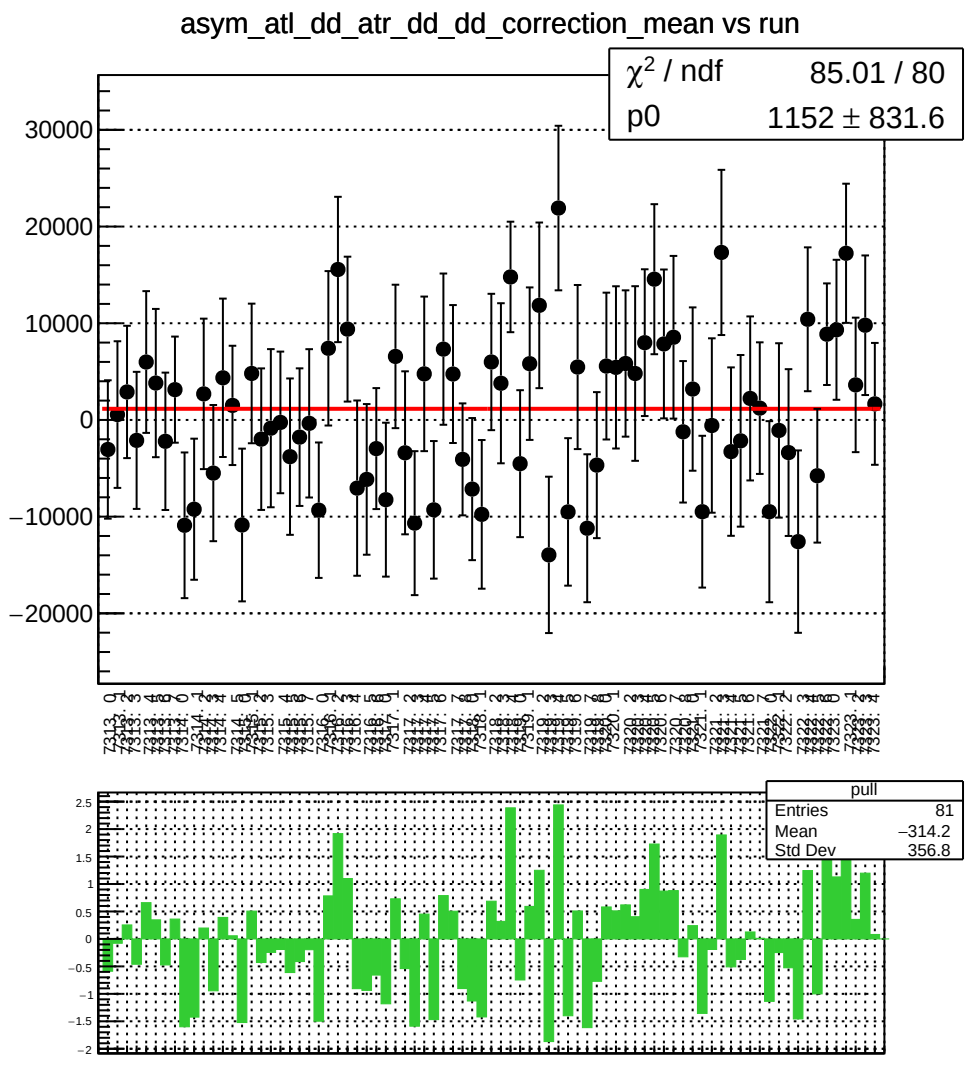

pull1D
Entries 81
Mean −0.004464
Std Dev 0.9696

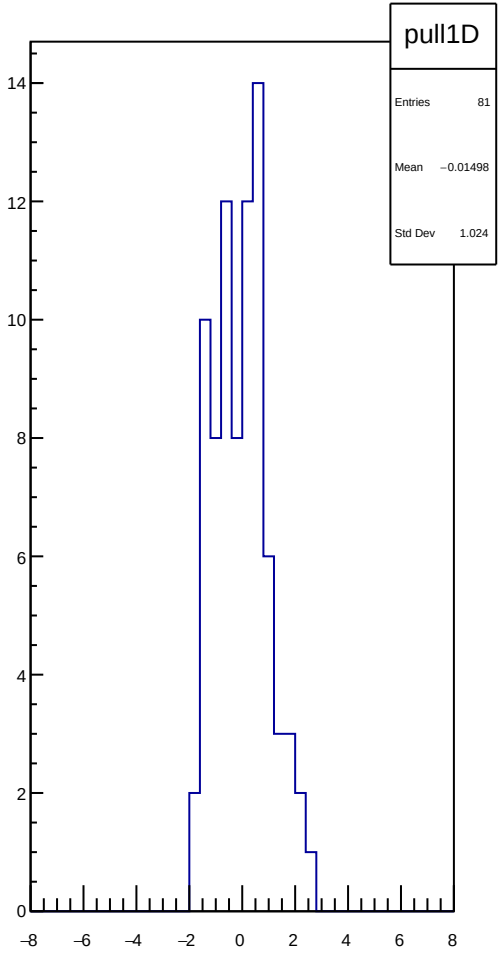

asym_atl_dd_atr_dd_avg_rms vs run
χ² / ndf 1.595e+04 / 80
p0 6176 ± 4.985
8000
7500
7000
6500
6000
5500
5000
4500

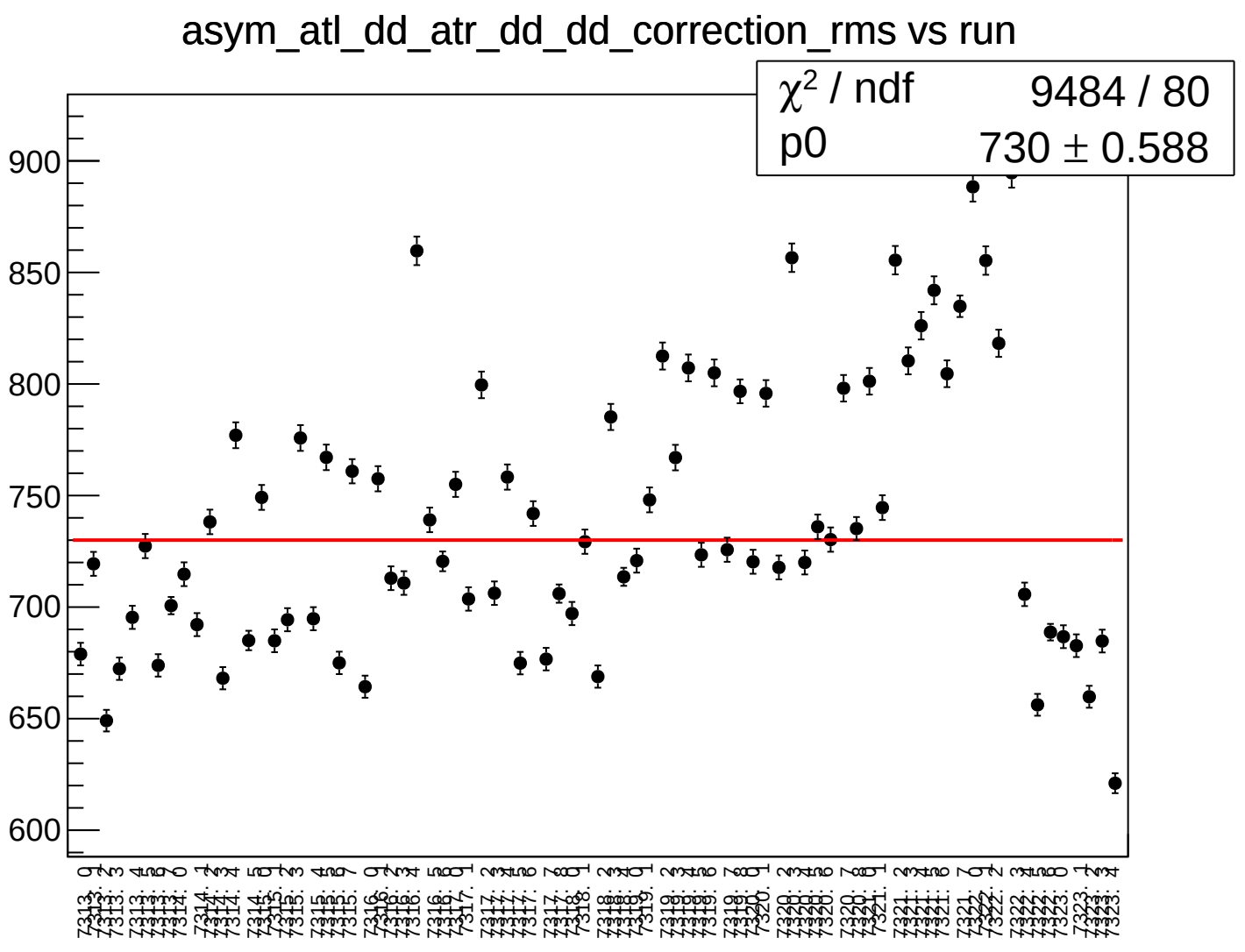

dit_asym_atl_dd_atr_dd_dd_mean vs run
χ² / ndf 73.79 / 80
p0 1238 ± 1363
60000
40000
20000
0
−20000
−40000
pull
Entries 81
Mean −623.3
Std Dev 674.1
2
1
0
−1
−2

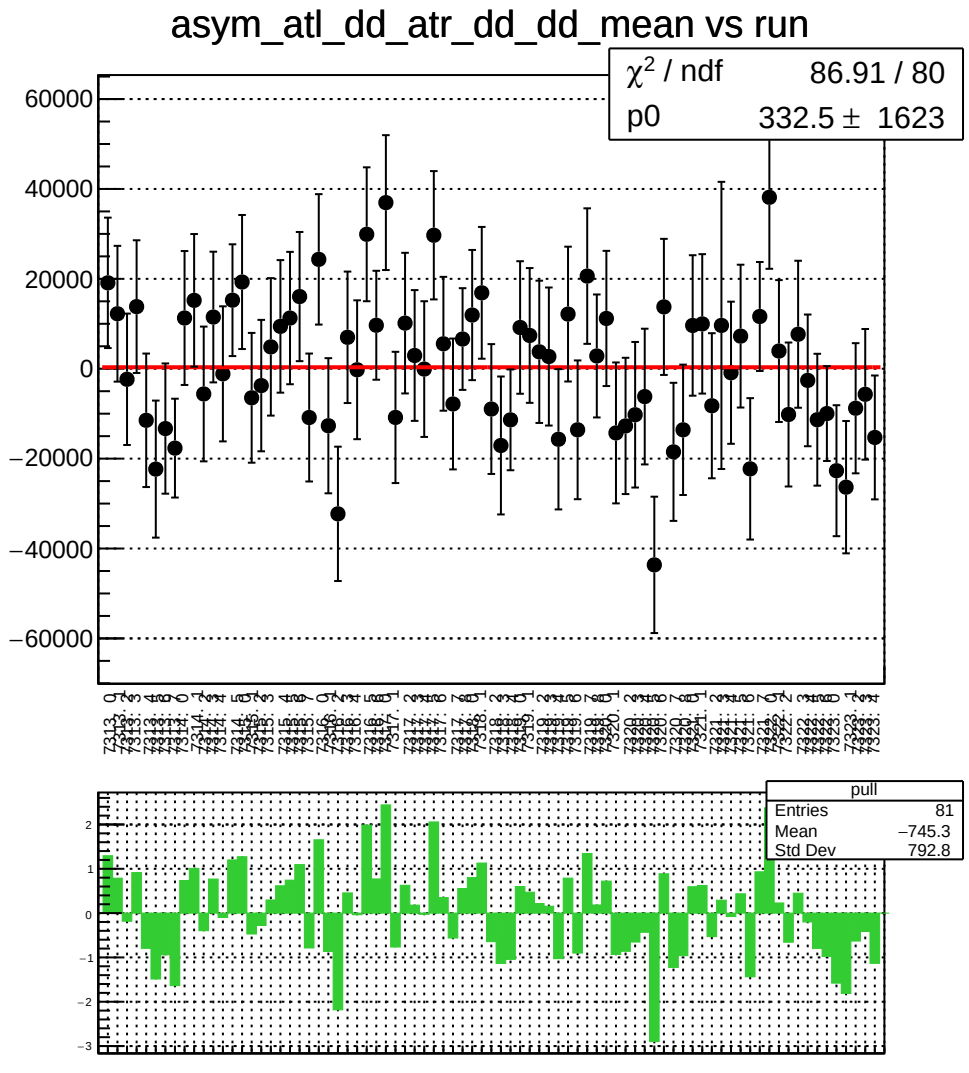

pull1D
Entries 81
Mean 0.005471
Std Dev 0.9544
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

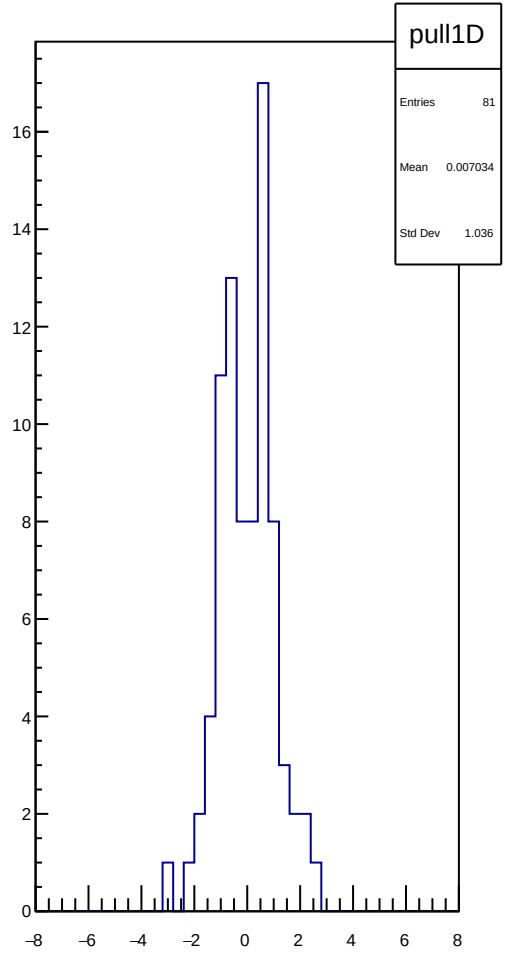

dit_asym_atl_dd_atr_dd_dd_rms vs run
χ² / ndf 6343 / 80
p0 1198 ± 0.9636
3000
2500
2000
1500
1000

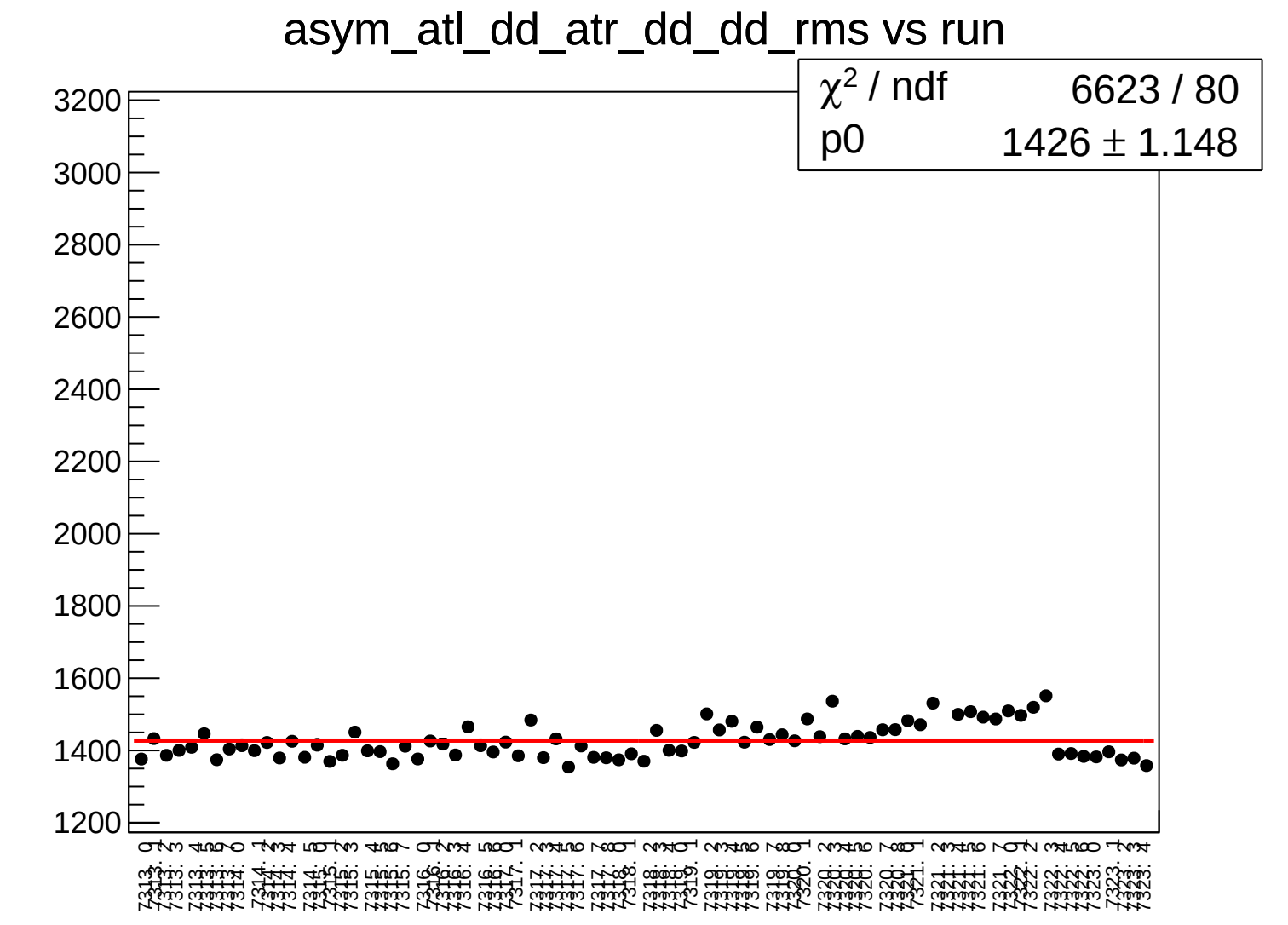

asym_atl_dd_atr_dd_dd_correction_mean vs run
χ² / ndf 85.01 / 80
p0 1152 ± 831.6
pull
Entries 81
Mean −314.2
Std Dev 356.8

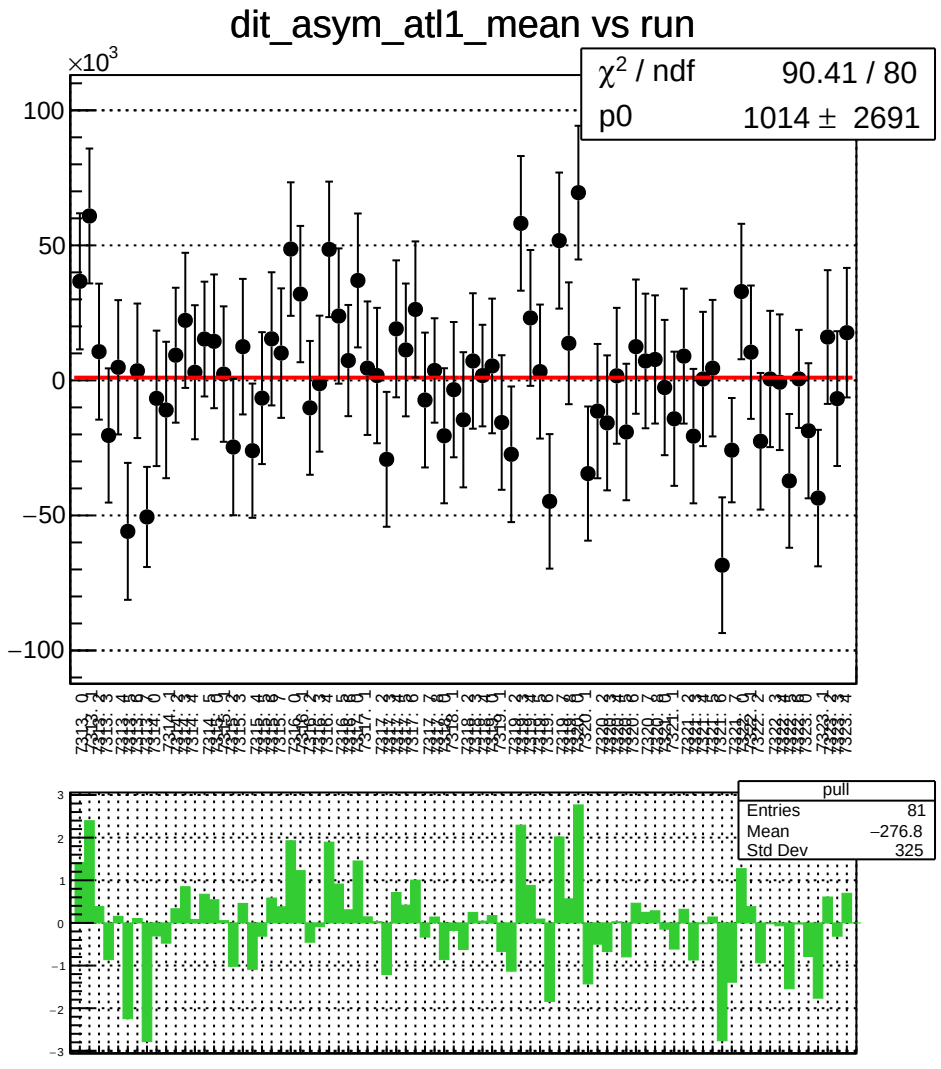

pull1D
Entries 81
Mean −0.01498
Std Dev 1.024

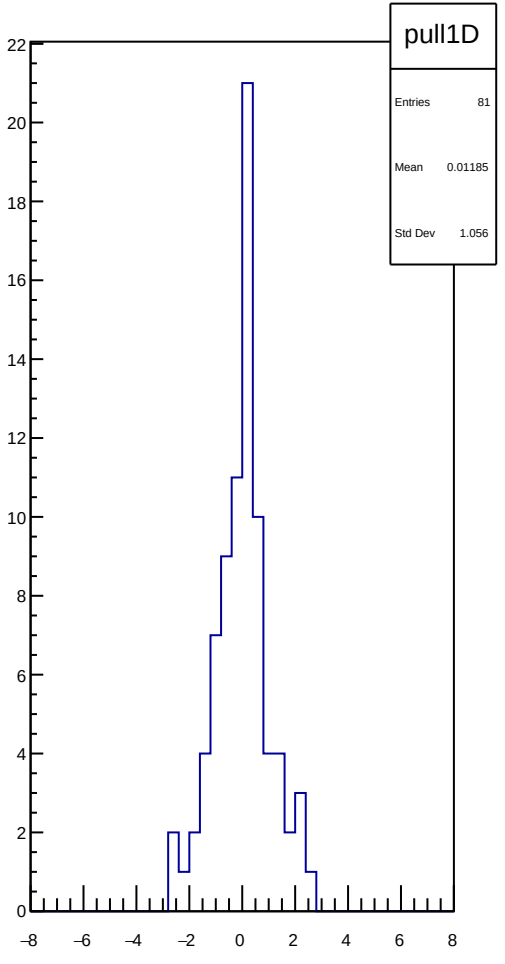

asym_atl_dd_atr_dd_dd_correction_rms vs run
χ² / ndf 9484 / 80
p0 730 ± 0.588
900
850
800
750
700
650
600

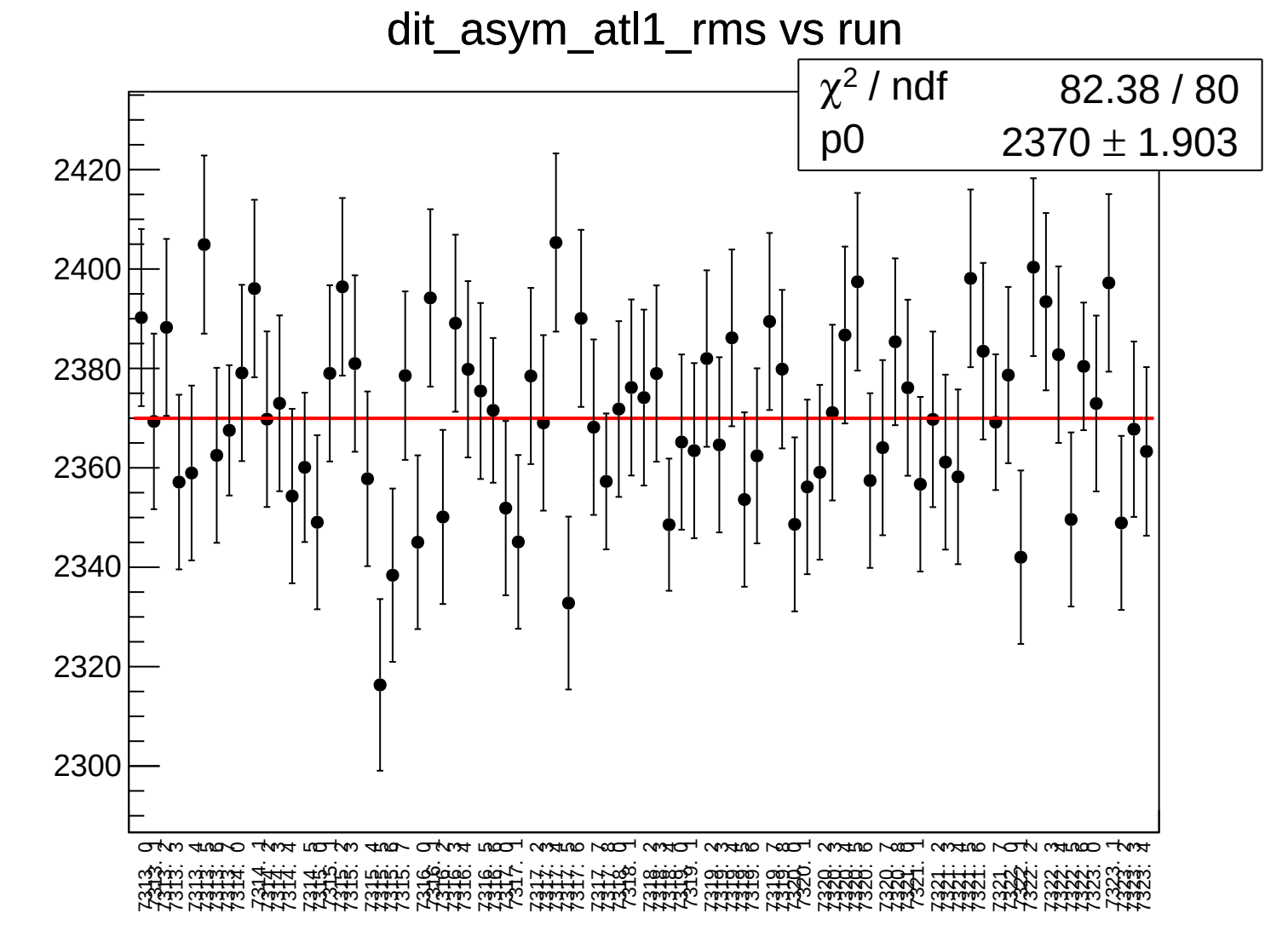

asym_atl_dd_atr_dd_dd_mean vs run
χ² / ndf 86.91 / 80
p0 332.5 ± 1623
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 81
Mean −745.3
Std Dev 792.8
2
1
0
−1
−2
−3

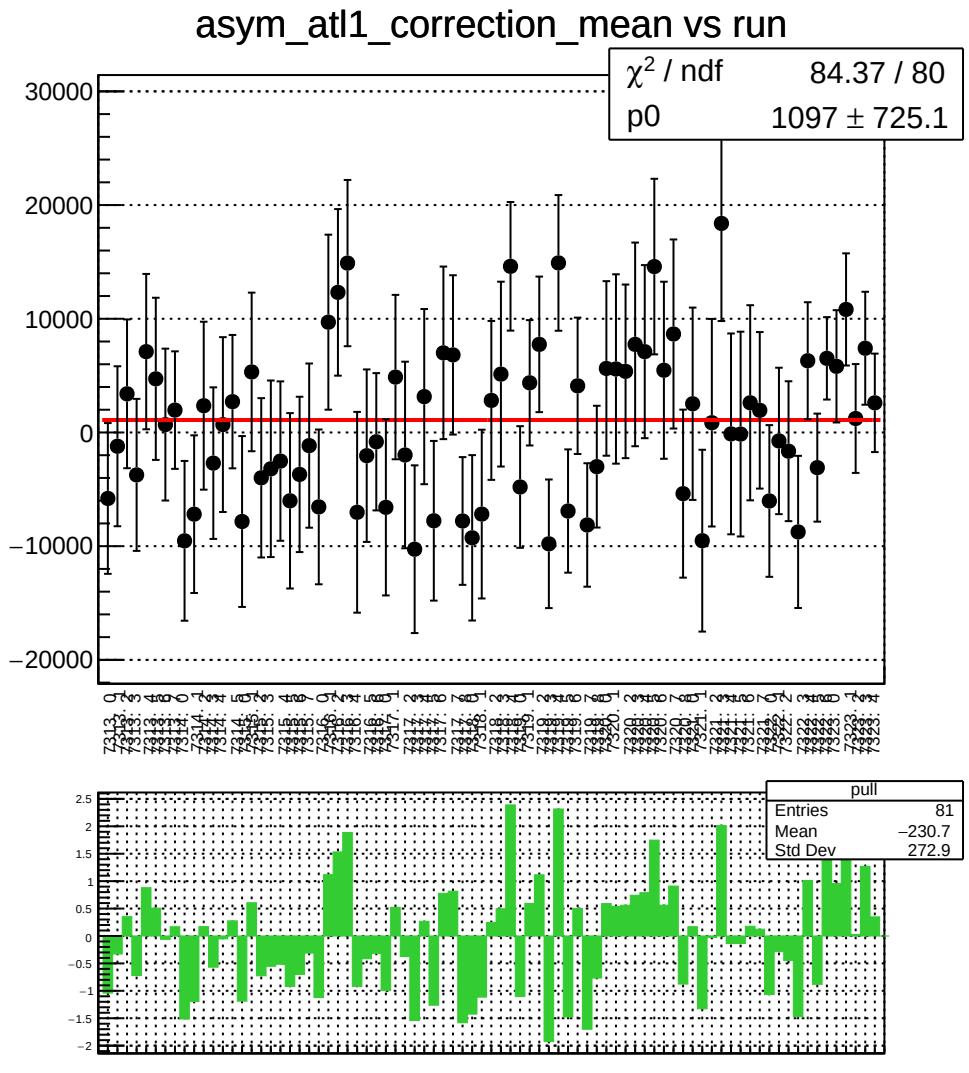

pull1D
Entries 81
Mean 0.007034
Std Dev 1.036
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

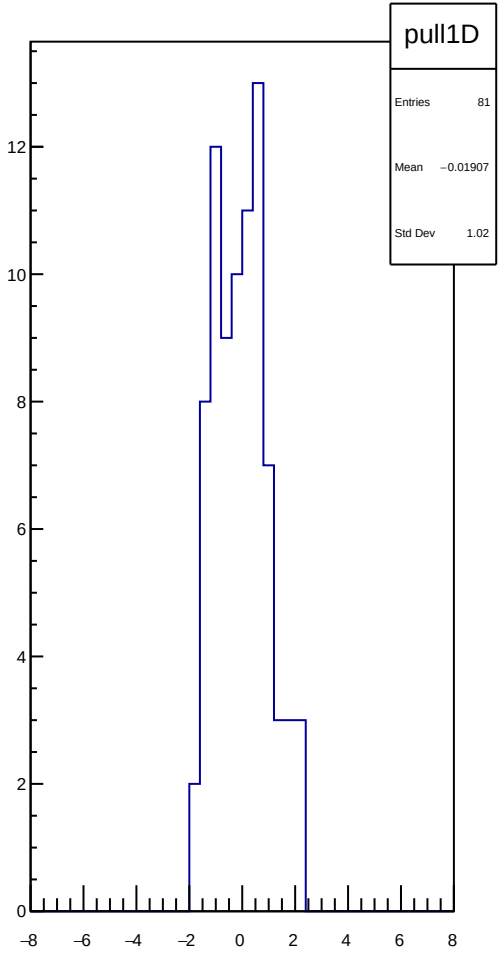

asym_atl_dd_atr_dd_dd_rms vs run
χ² / ndf 6623 / 80
p0 1426 ± 1.148
3200
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200

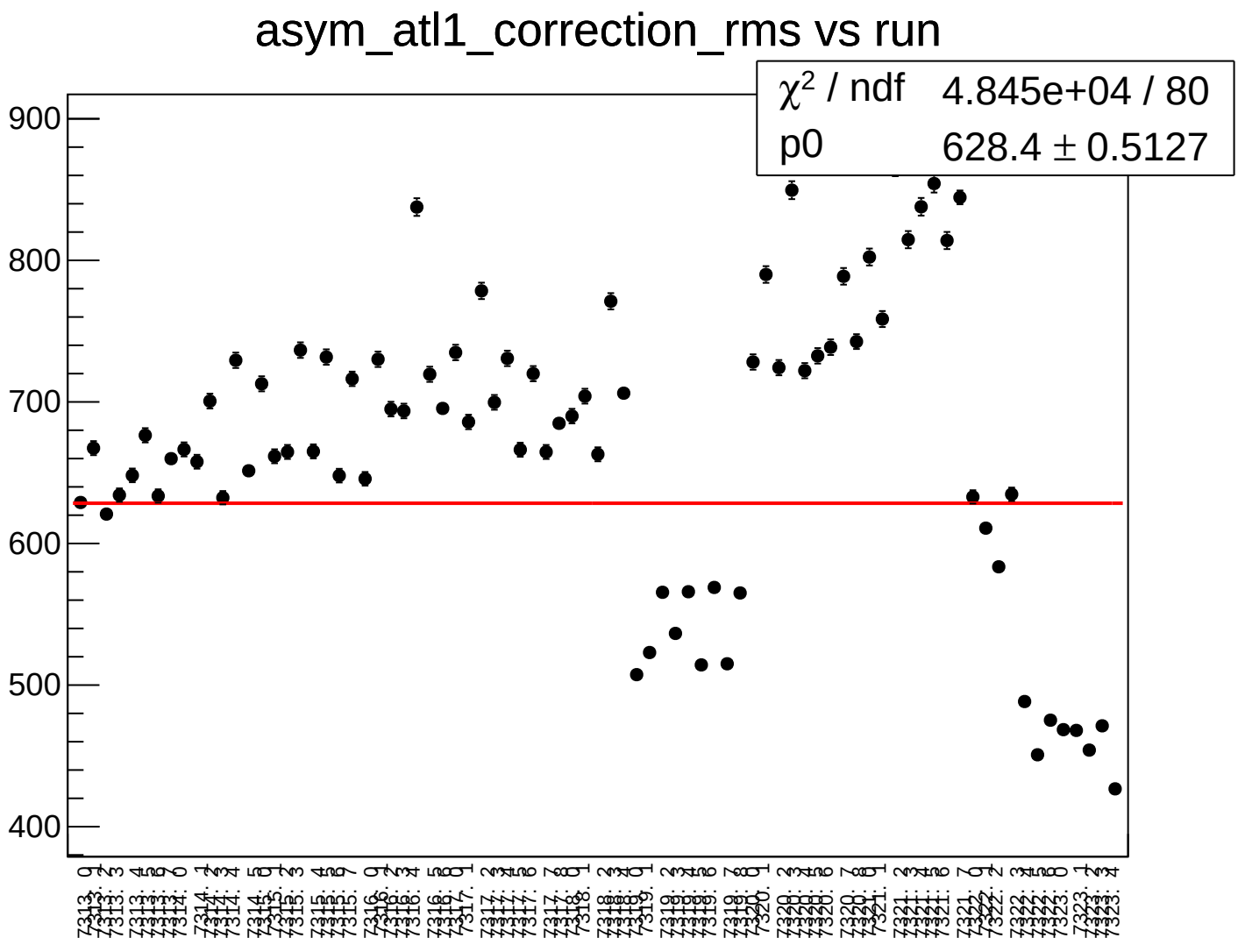

dit_asym_atl1_mean vs run
χ² / ndf 90.41 / 80
p0 1014 ± 2691
×10³
pull
Entries 81
Mean −276.8
Std Dev 325

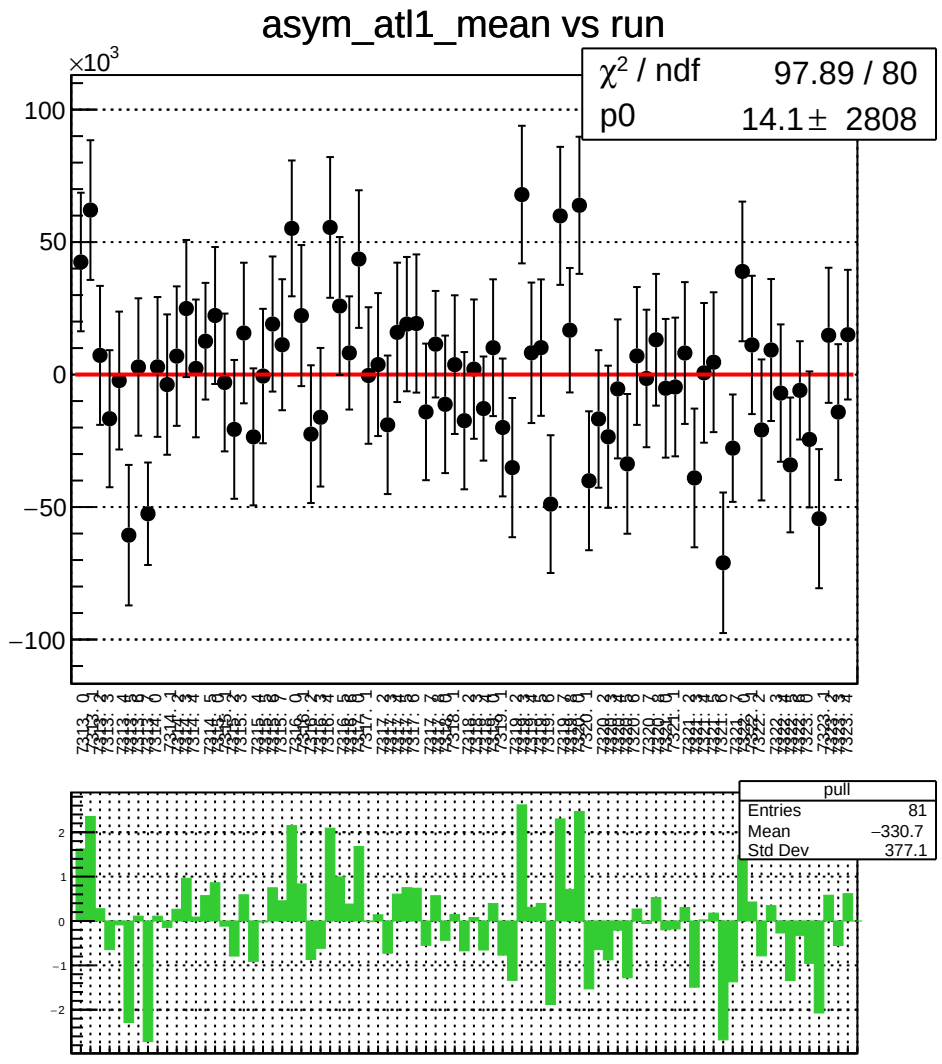

pull1D
Entries 81
Mean 0.01185
Std Dev 1.056

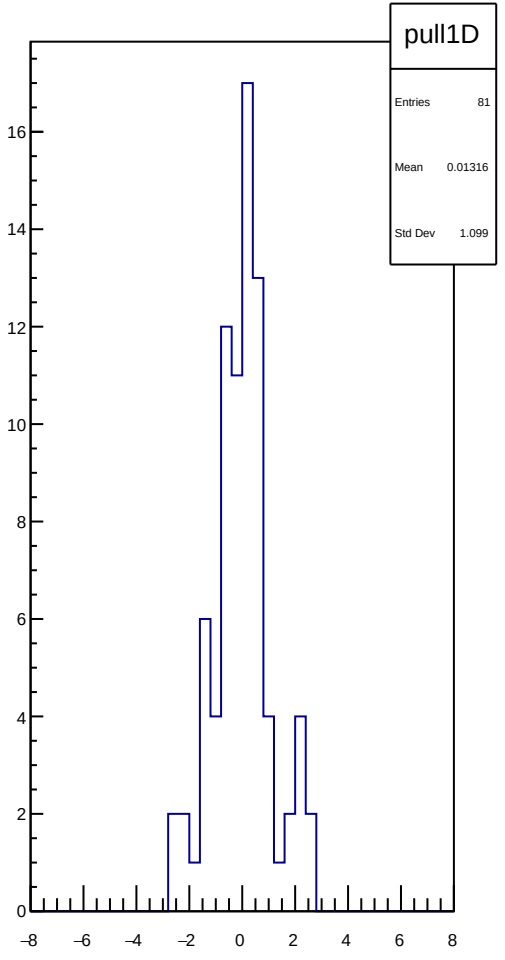

dit_asym_atl1_rms vs run
χ² / ndf 82.38 / 80
p0 2370 ± 1.903
2420
2400
2380
2360
2340
2320
2300

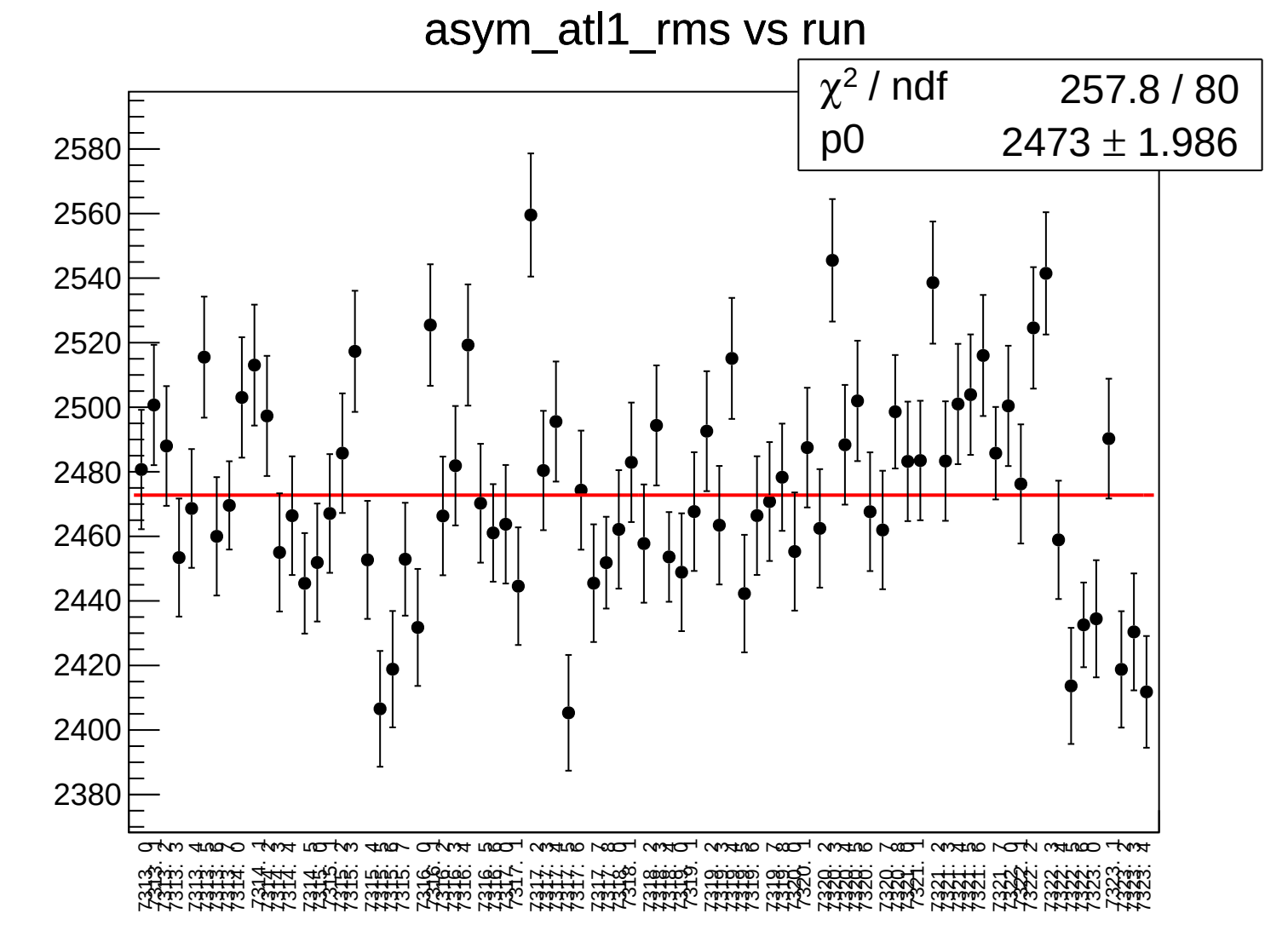

asym_atl1_correction_mean vs run
χ² / ndf 84.37 / 80
p0 1097 ± 725.1
pull
Entries 81
Mean −230.7
Std Dev 272.9

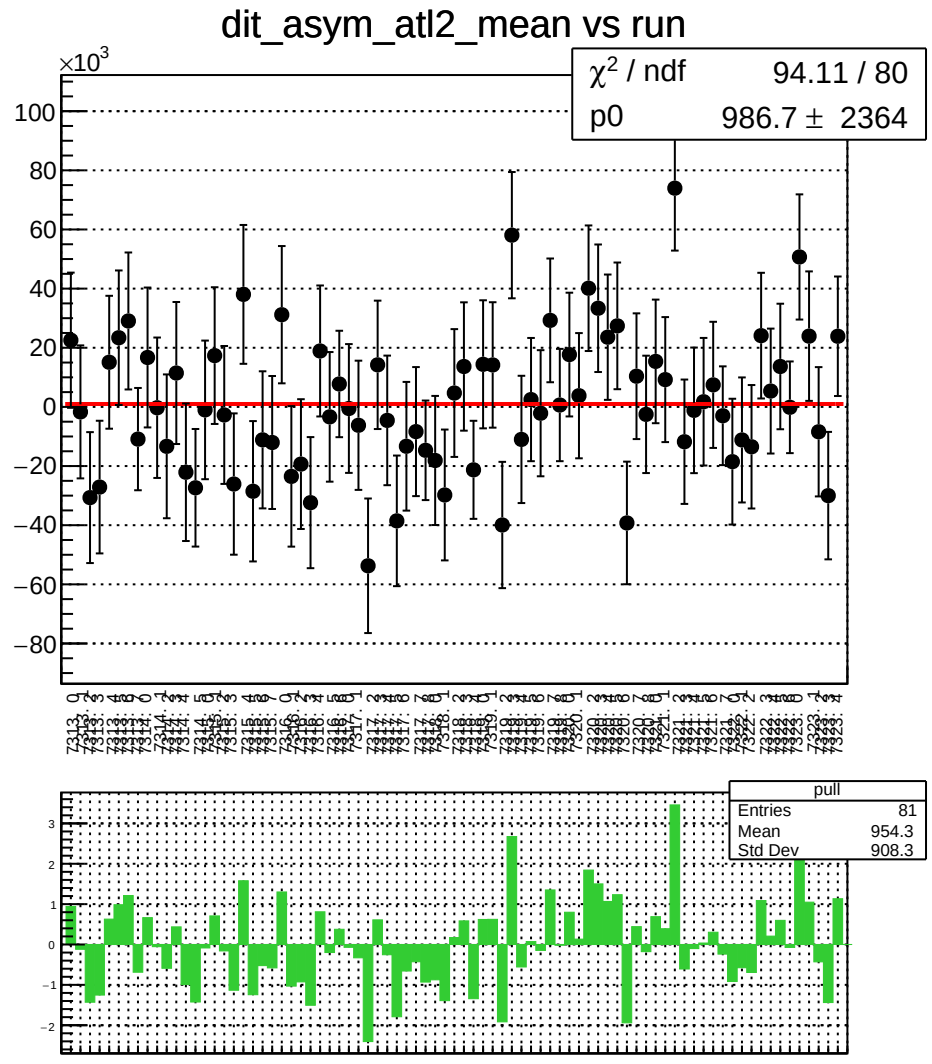

pull1D
Entries 81
Mean −0.01907
Std Dev 1.02

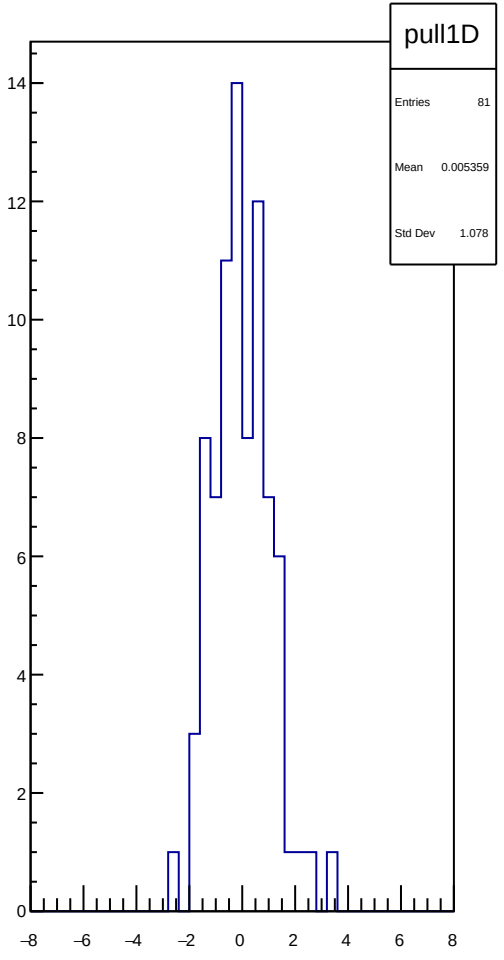

asym_atl1_correction_rms vs run
χ^2 / ndf 4.845e+04 / 80
p0 628.4 ± 0.5127
900
800
700
600
500
400

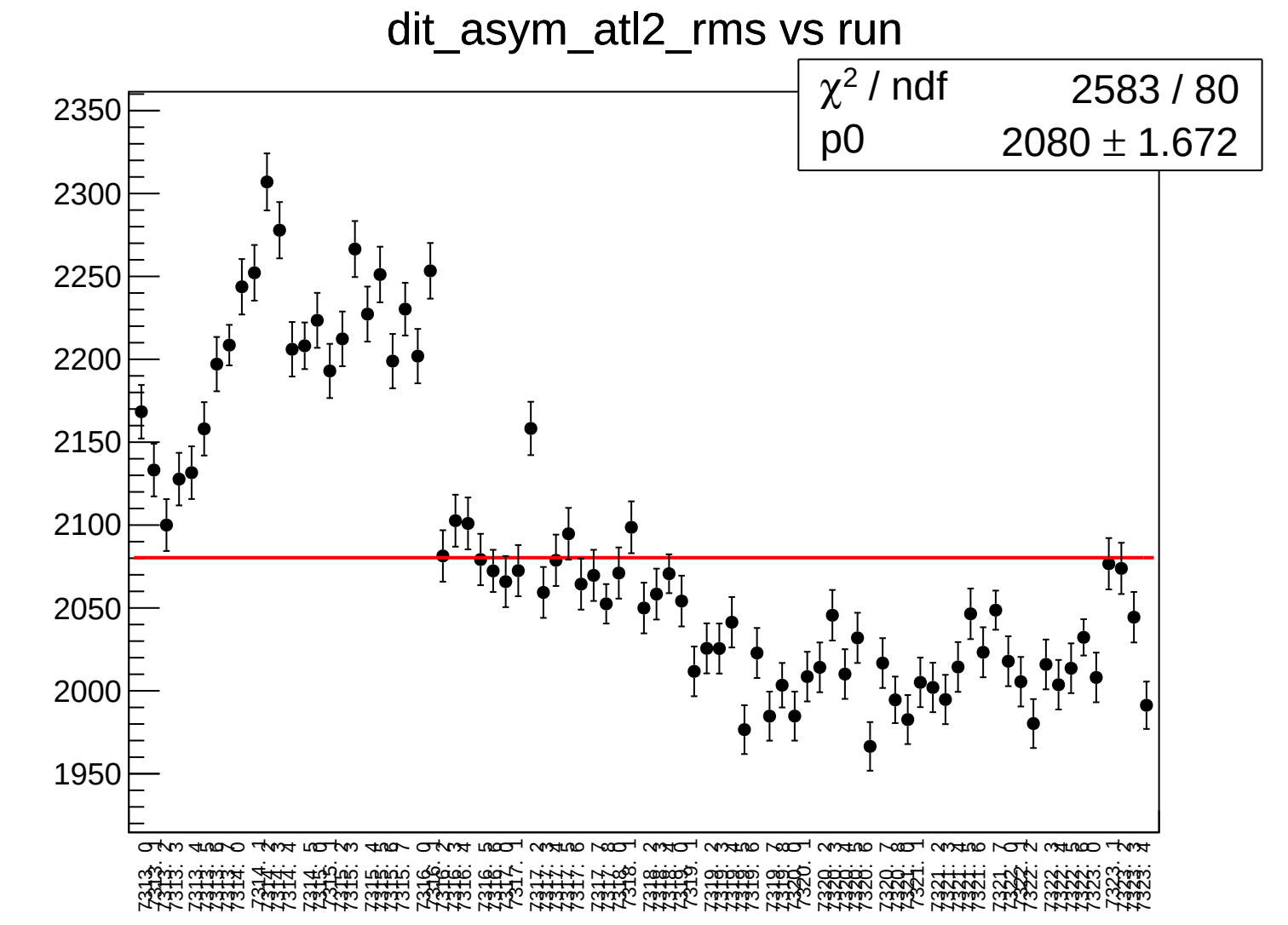

asym_atl1_mean vs run
×10^3
χ² / ndf 97.89 / 80
p0 14.1± 2808
pull
Entries 81
Mean −330.7
Std Dev 377.1

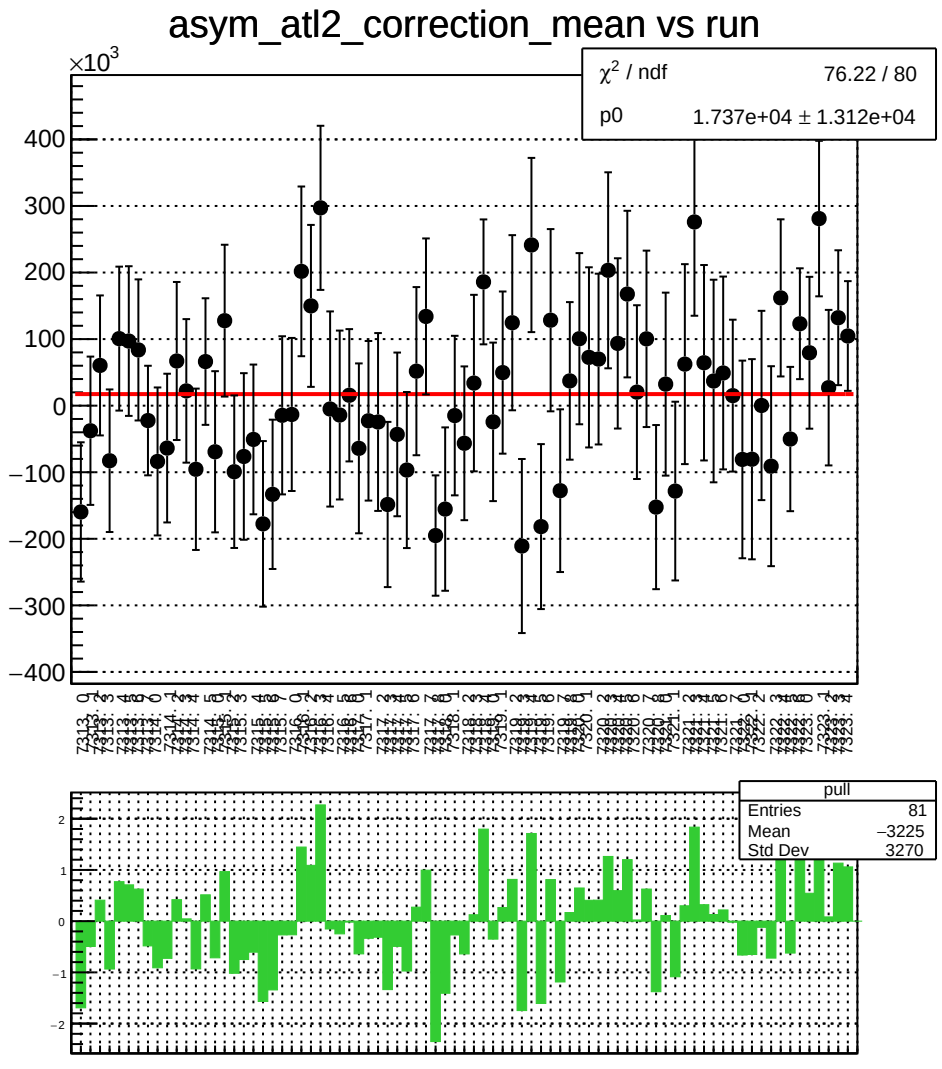

pull1D
Entries 81
Mean 0.01316
Std Dev 1.099

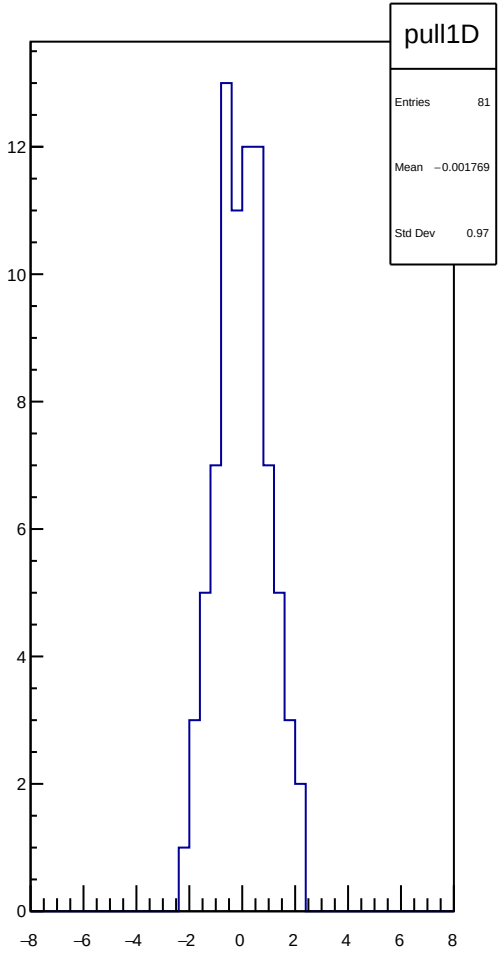

asym_atl1_rms vs run
χ^2 / ndf 257.8 / 80
p0 2473 ± 1.986
2580
2560
2540
2520
2500
2480
2460
2440
2420
2400
2380

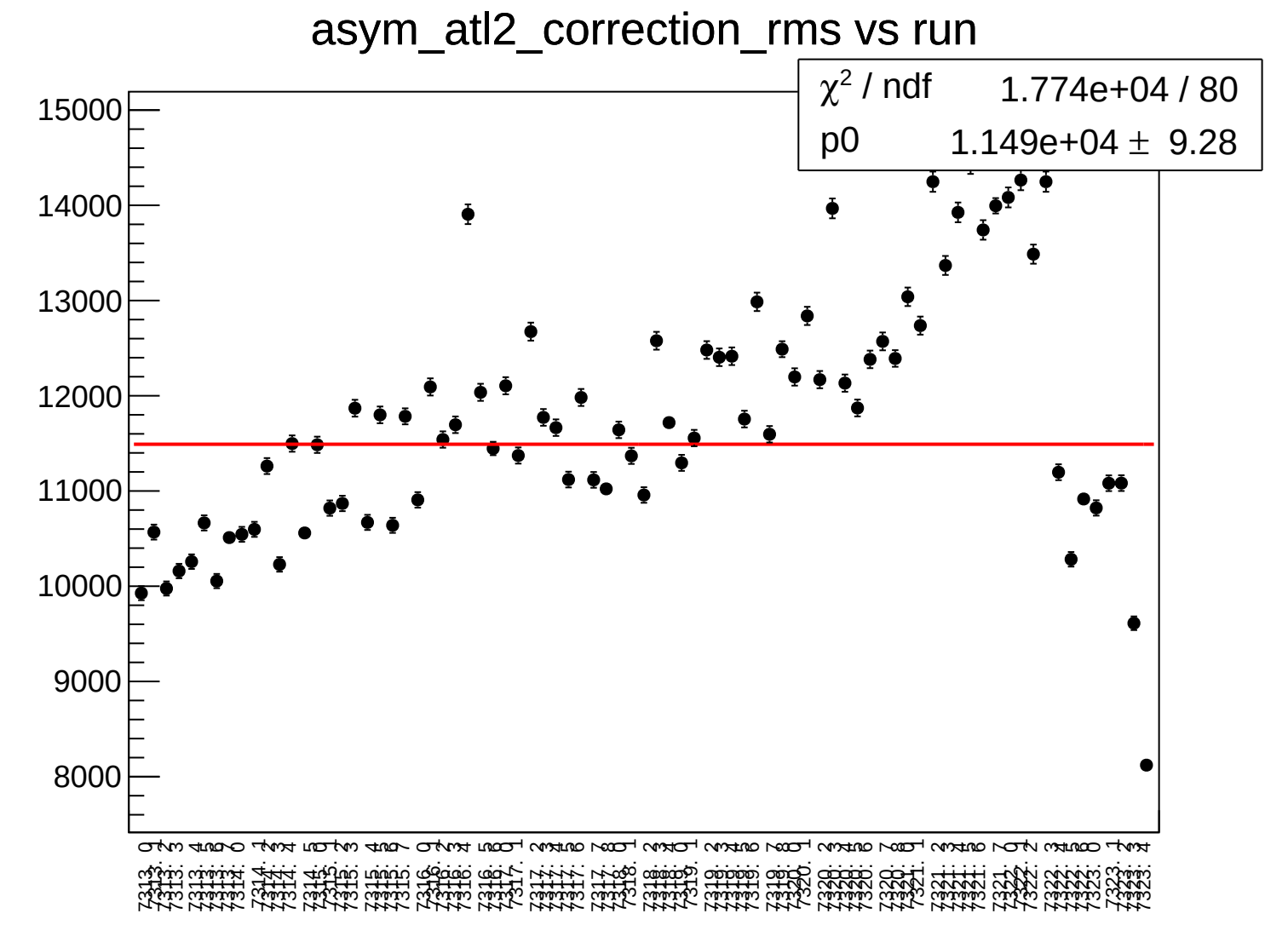

dit_asym_atl2_mean vs run
×10^3
χ^2 / ndf 94.11 / 80
p0 986.7 ± 2364
pull
Entries 81
Mean 954.3
Std Dev 908.3

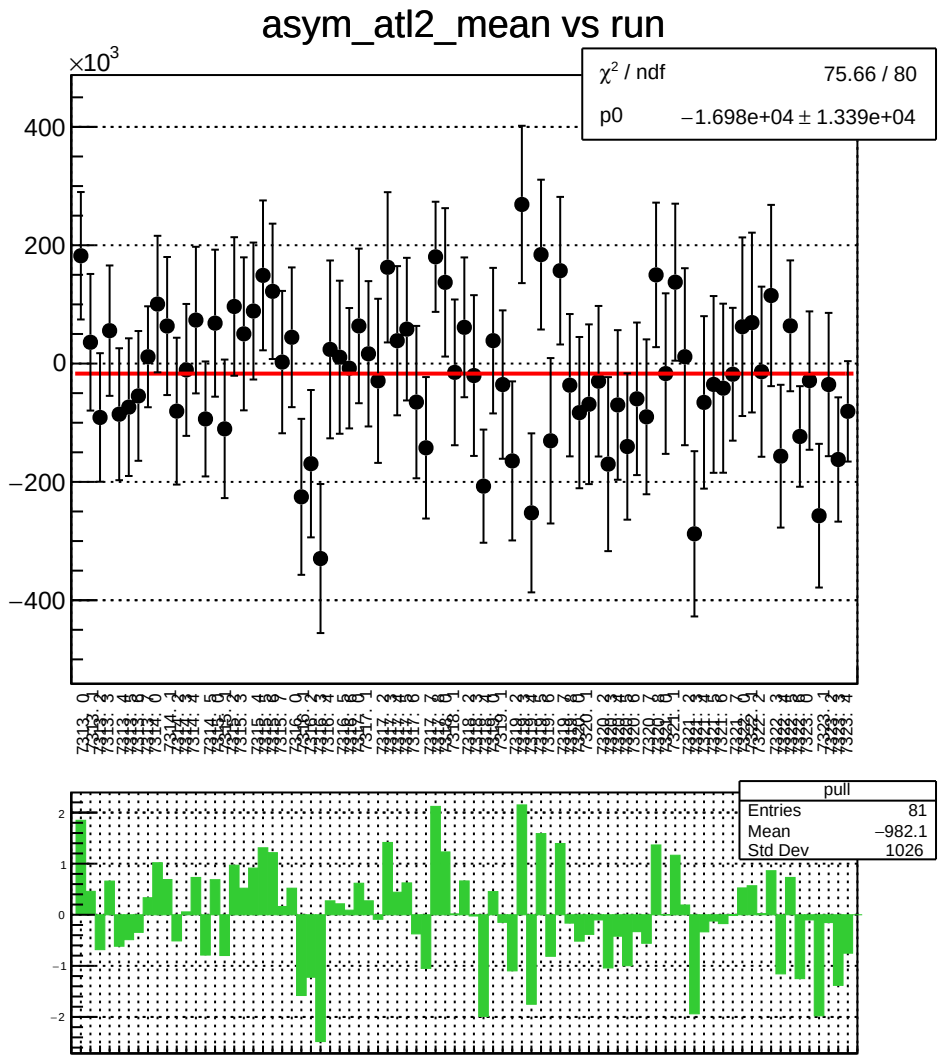

pull1D
Entries 81
Mean 0.005359
Std Dev 1.078

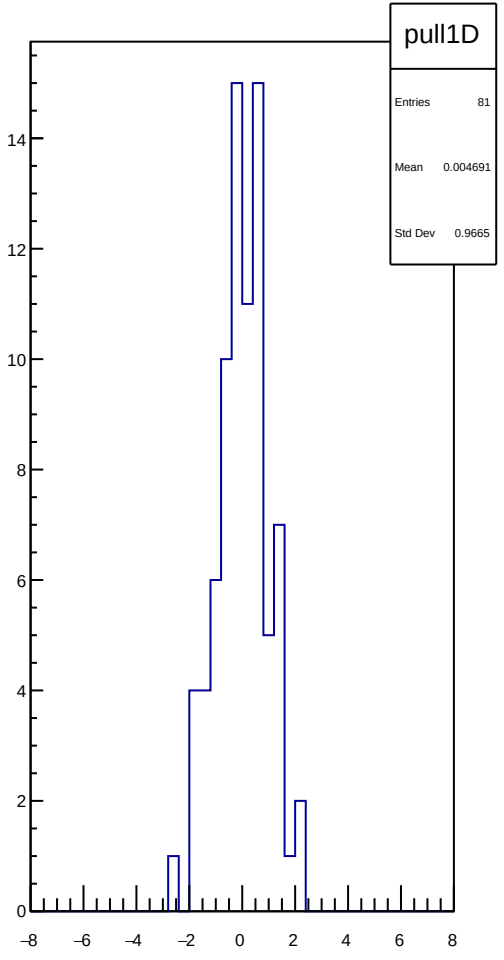

dit_asym_atl2_rms vs run
χ² / ndf 2583 / 80
p0 2080 ± 1.672
2350
2300
2250
2200
2150
2100
2050
2000
1950

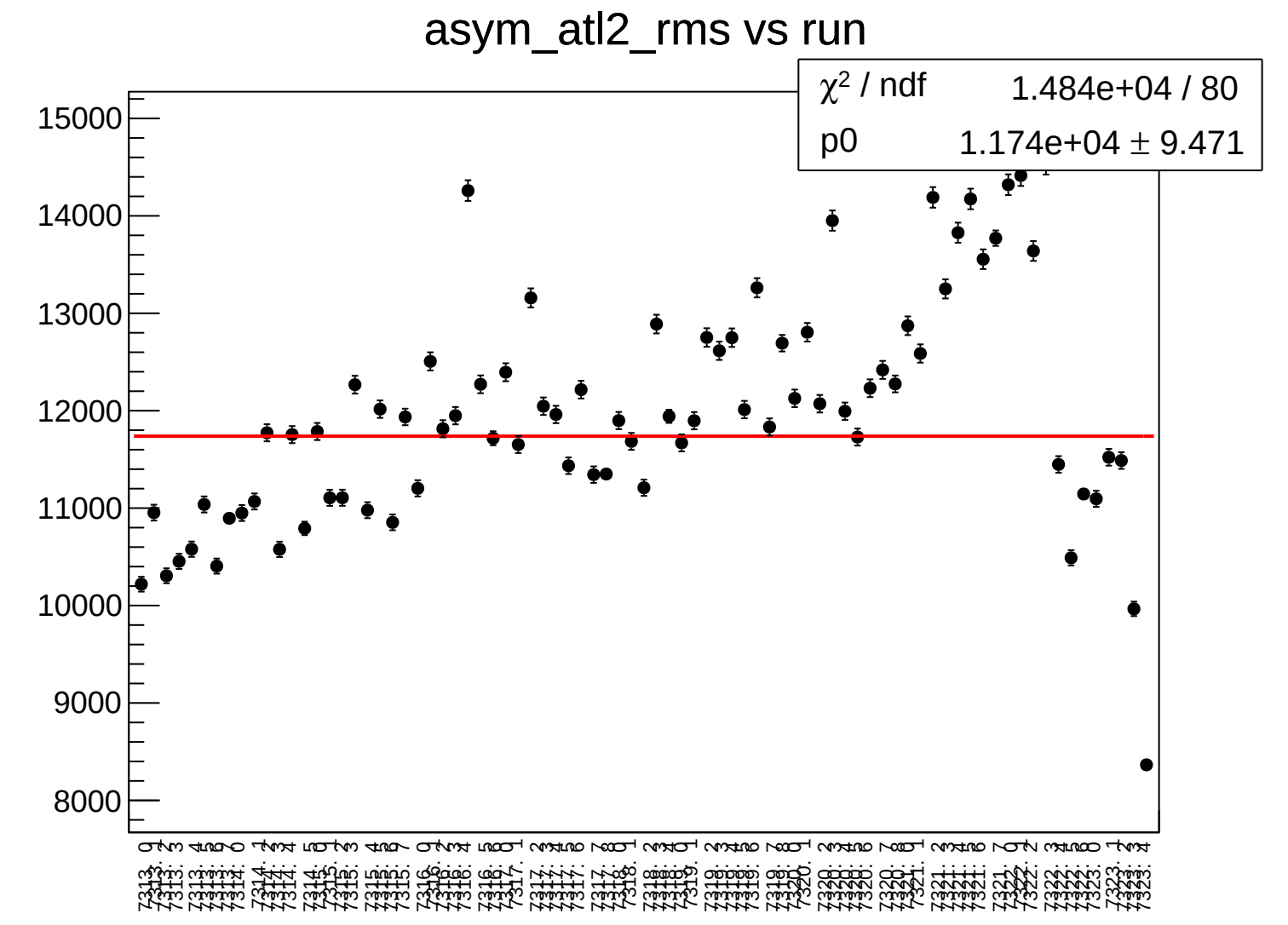

asym_atl2_correction_mean vs run
×10^3
χ² / ndf 76.22 / 80
p0 1.737e+04 ± 1.312e+04
pull
Entries 81
Mean −3225
Std Dev 3270

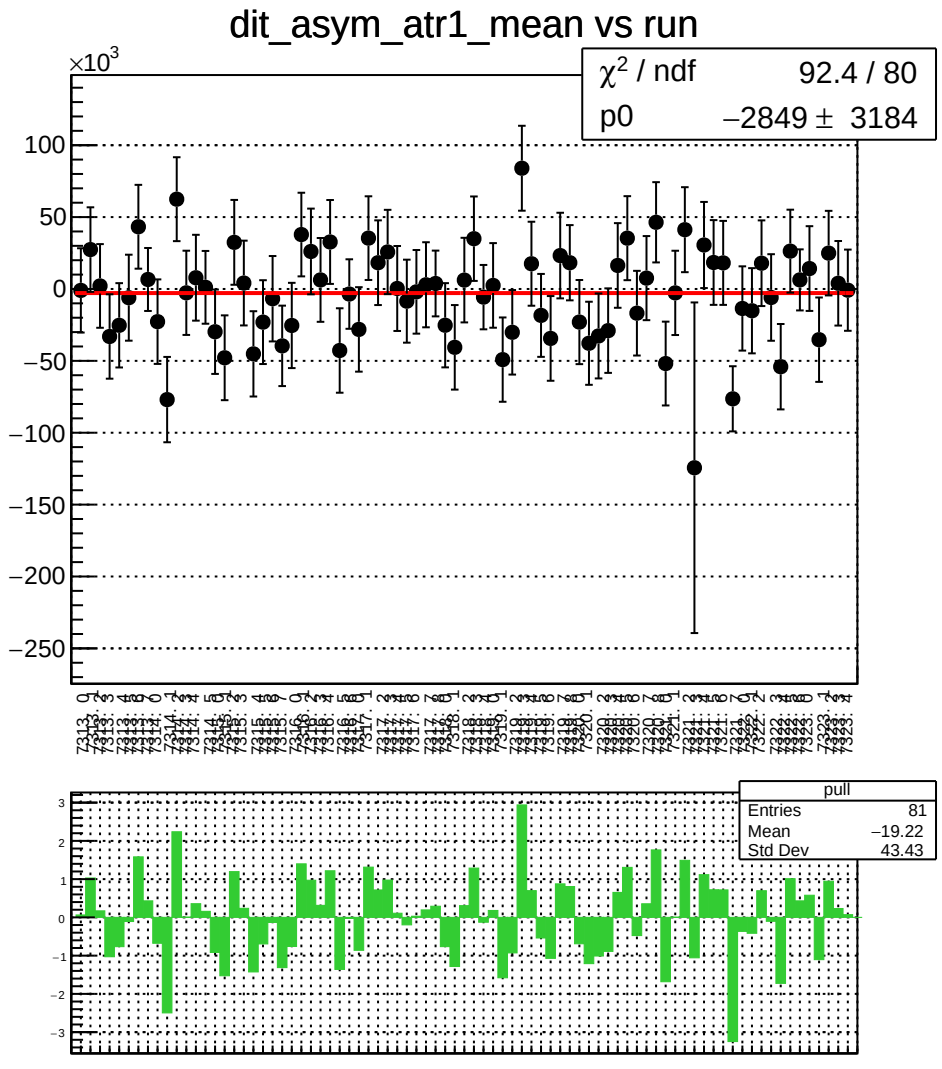

pull1D
Entries 81
Mean −0.001769
Std Dev 0.97

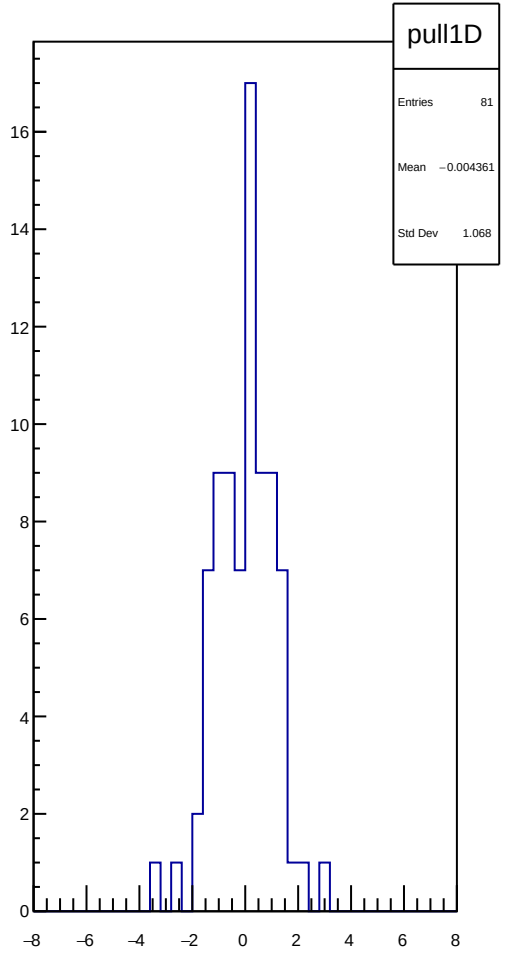

asym_atl2_correction_rms vs run
χ² / ndf 1.774e+04 / 80
p0 1.149e+04 ± 9.28
15000
14000
13000
12000
11000
10000
9000
8000

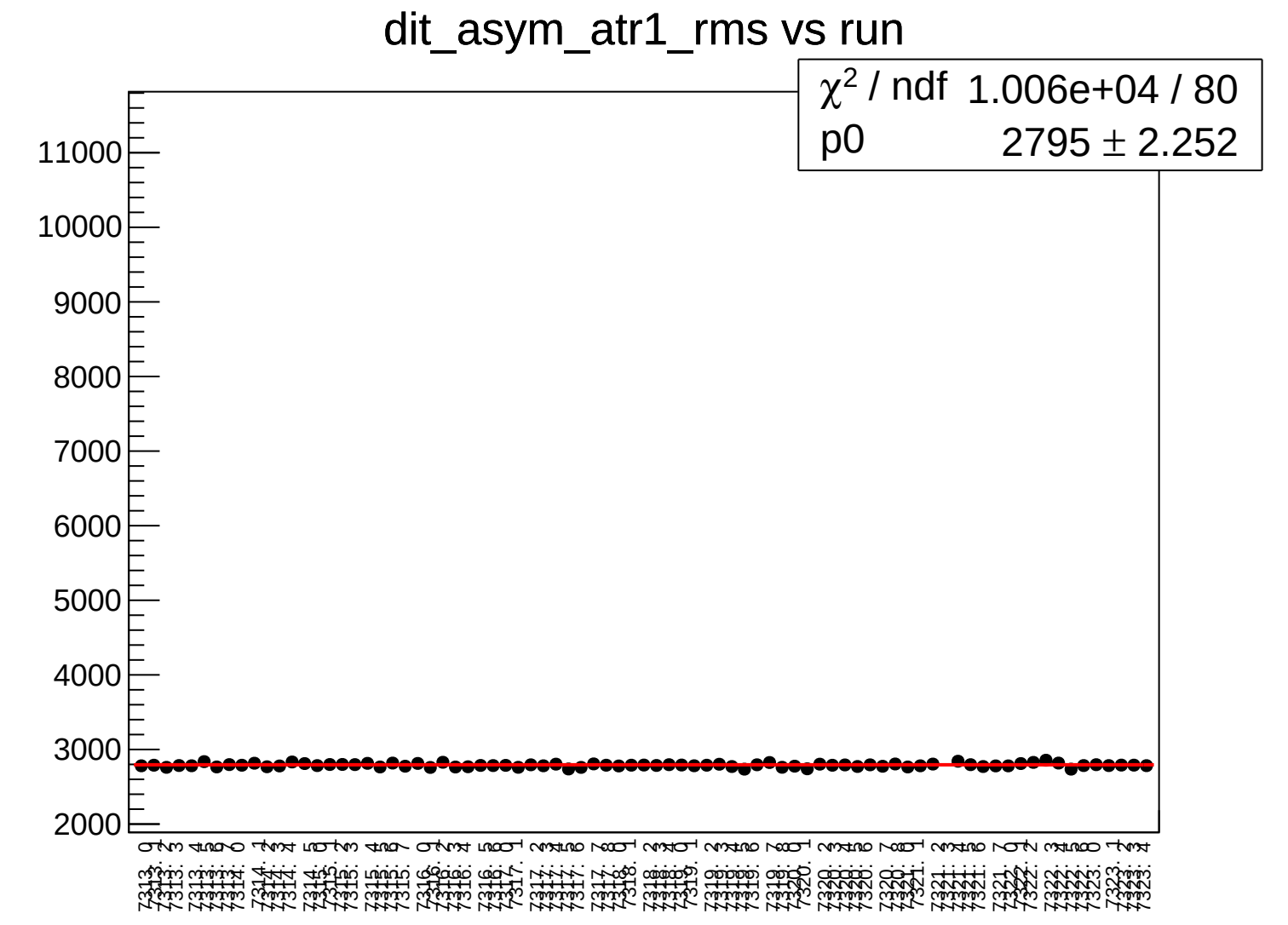

asym_atl2_mean vs run
×10^3
χ² / ndf 75.66 / 80
p0 −1.698e+04 ± 1.339e+04
pull
Entries 81
Mean −982.1
Std Dev 1026

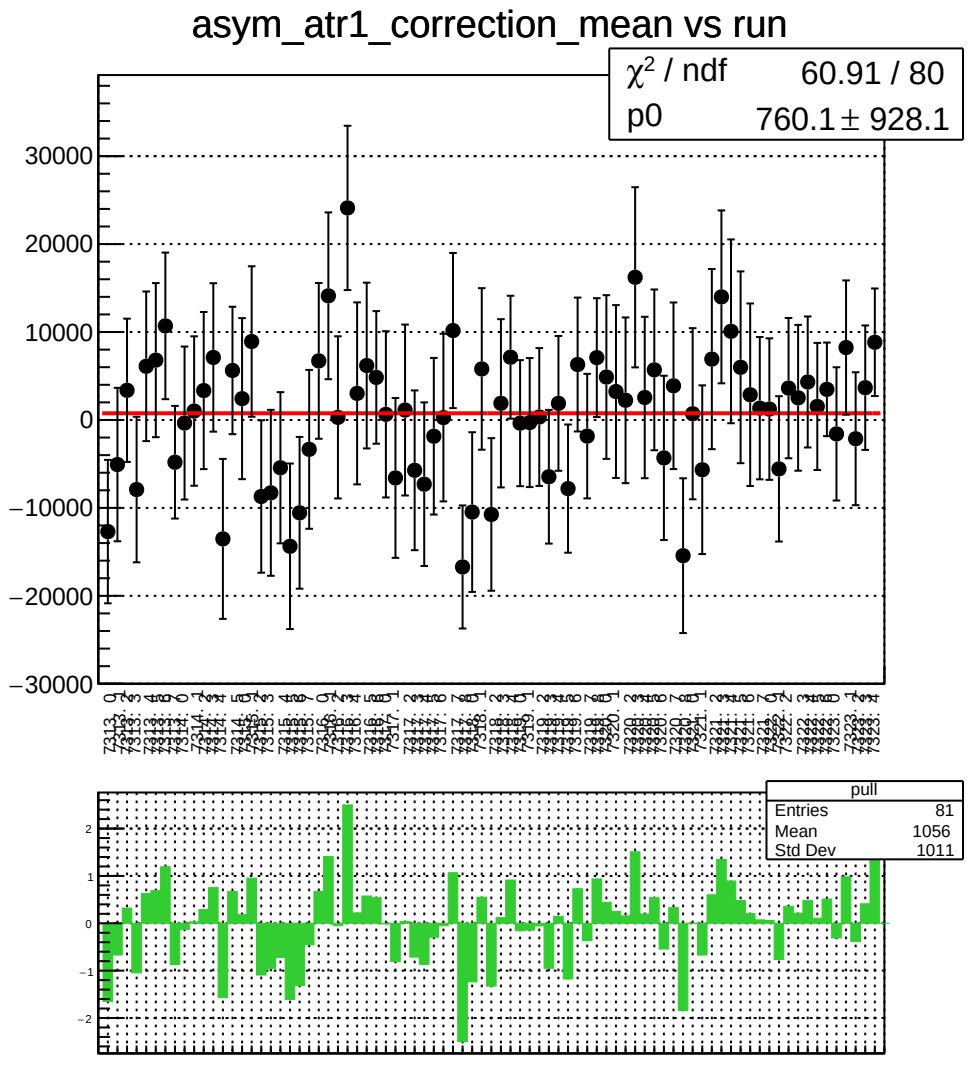

pull1D
Entries 81
Mean 0.004691
Std Dev 0.9665

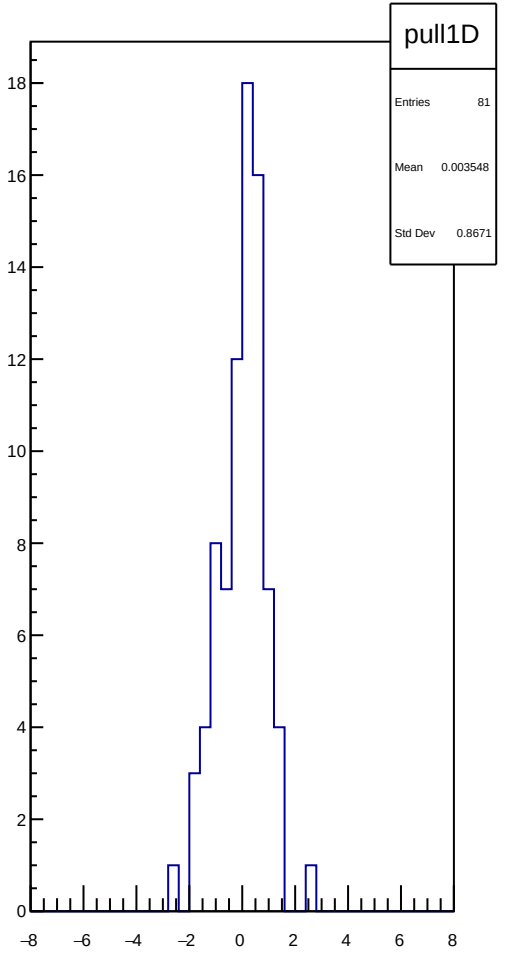

asym_atl2_rms vs run
χ² / ndf 1.484e+04 / 80
p0 1.174e+04 ± 9.471
15000
14000
13000
12000
11000
10000
9000
8000

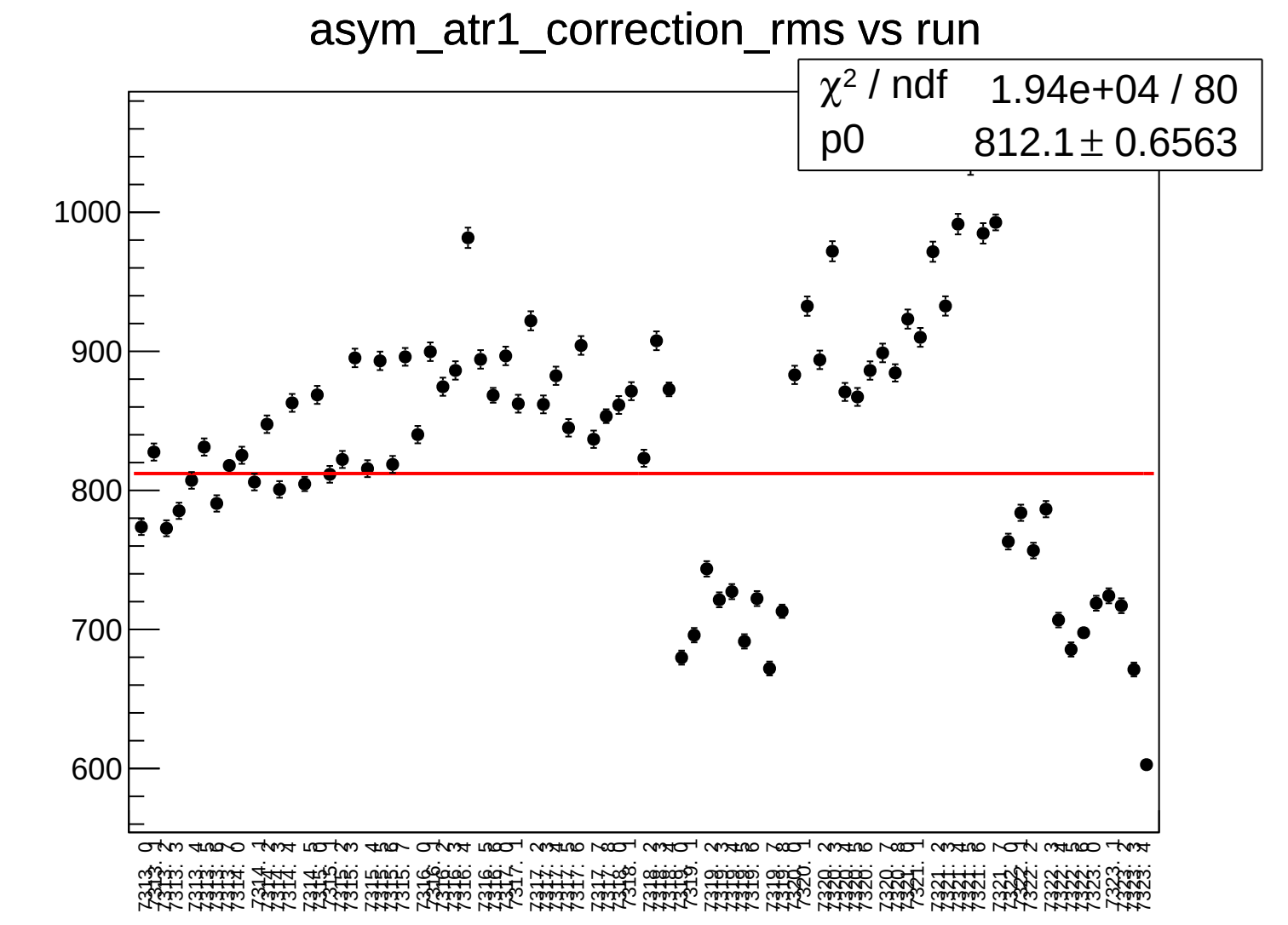

dit_asym_atr1_mean vs run
×10^3
χ² / ndf 92.4 / 80
p0 −2849 ± 3184
100
50
0
−50
−100
−150
−200
−250
pull
Entries 81
Mean −19.22
Std Dev 43.43
3
2
1
0
−1
−2
−3

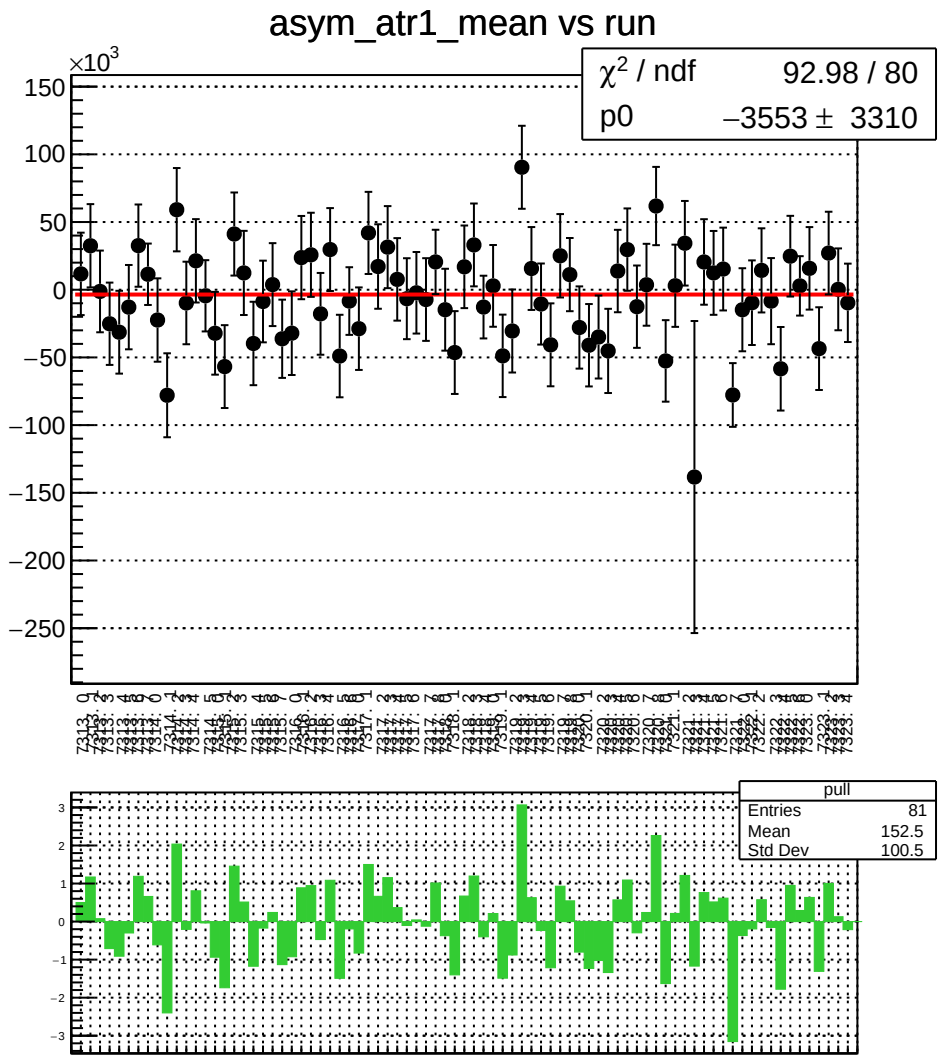

pull1D
Entries 81
Mean −0.004361
Std Dev 1.068
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

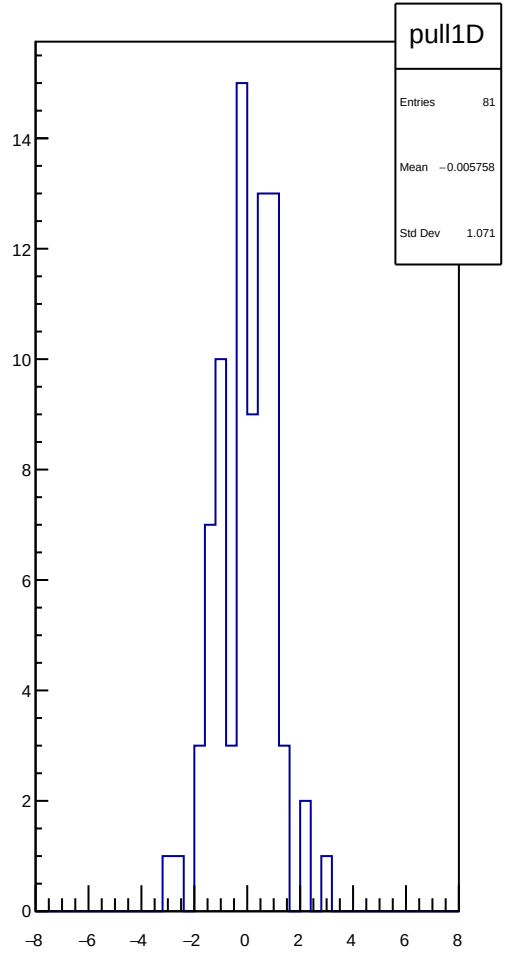

dit_asym_atr1_rms vs run
χ^2 / ndf 1.006e+04 / 80
p0 2795 ± 2.252
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000

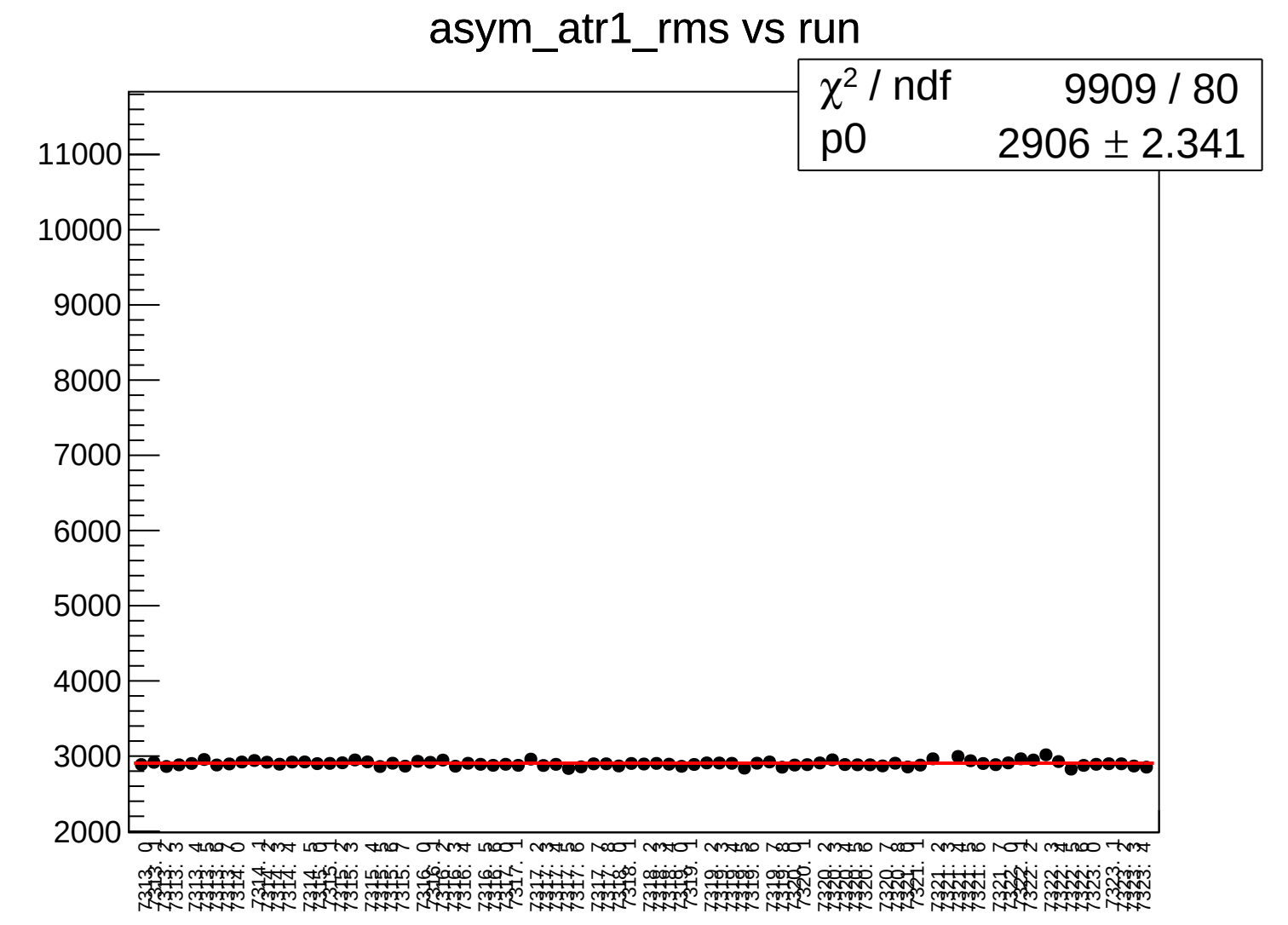

asym_atr1_correction_mean vs run
χ² / ndf 60.91 / 80
p0 760.1 ± 928.1
pull
Entries 81
Mean 1056
Std Dev 1011

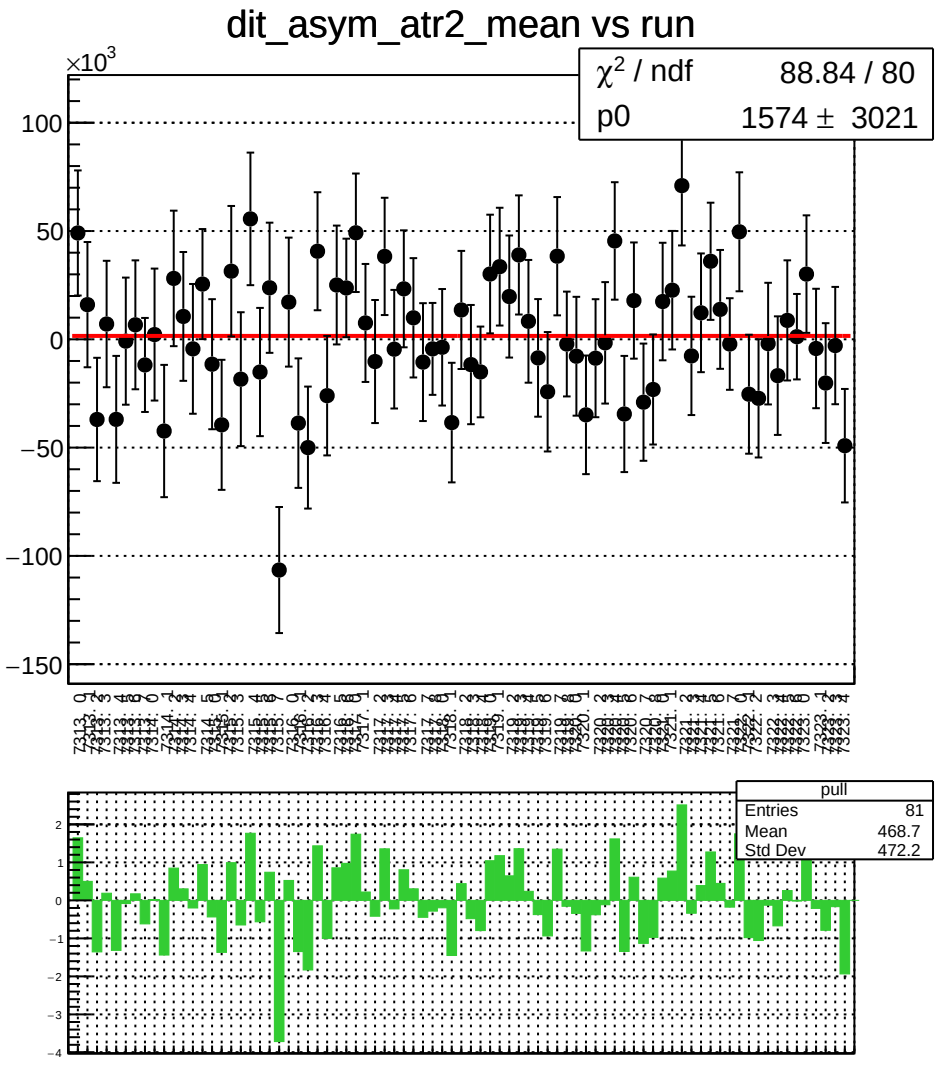

pull1D
Entries 81
Mean 0.003548
Std Dev 0.8671

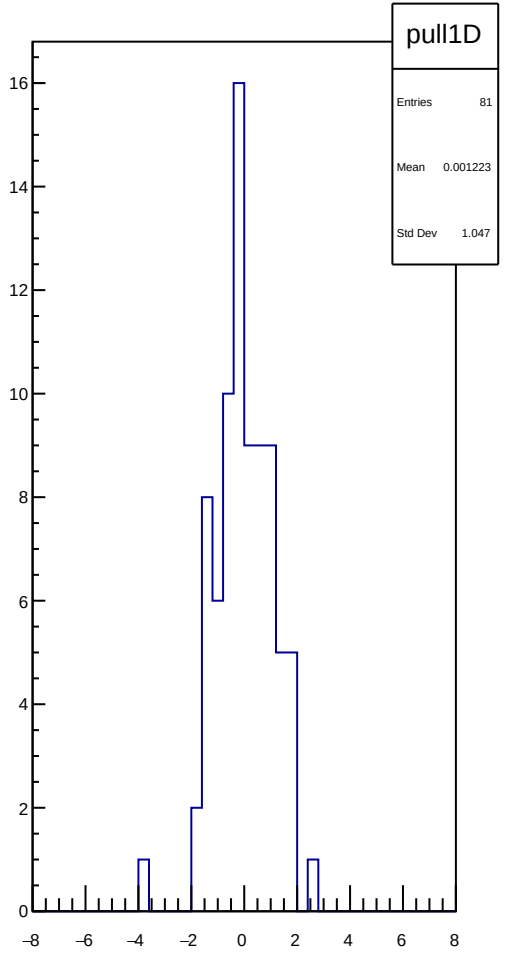

asym_atr1_correction_rms vs run
χ² / ndf 1.94e+04 / 80
p0 812.1 ± 0.6563
1000
900
800
700
600

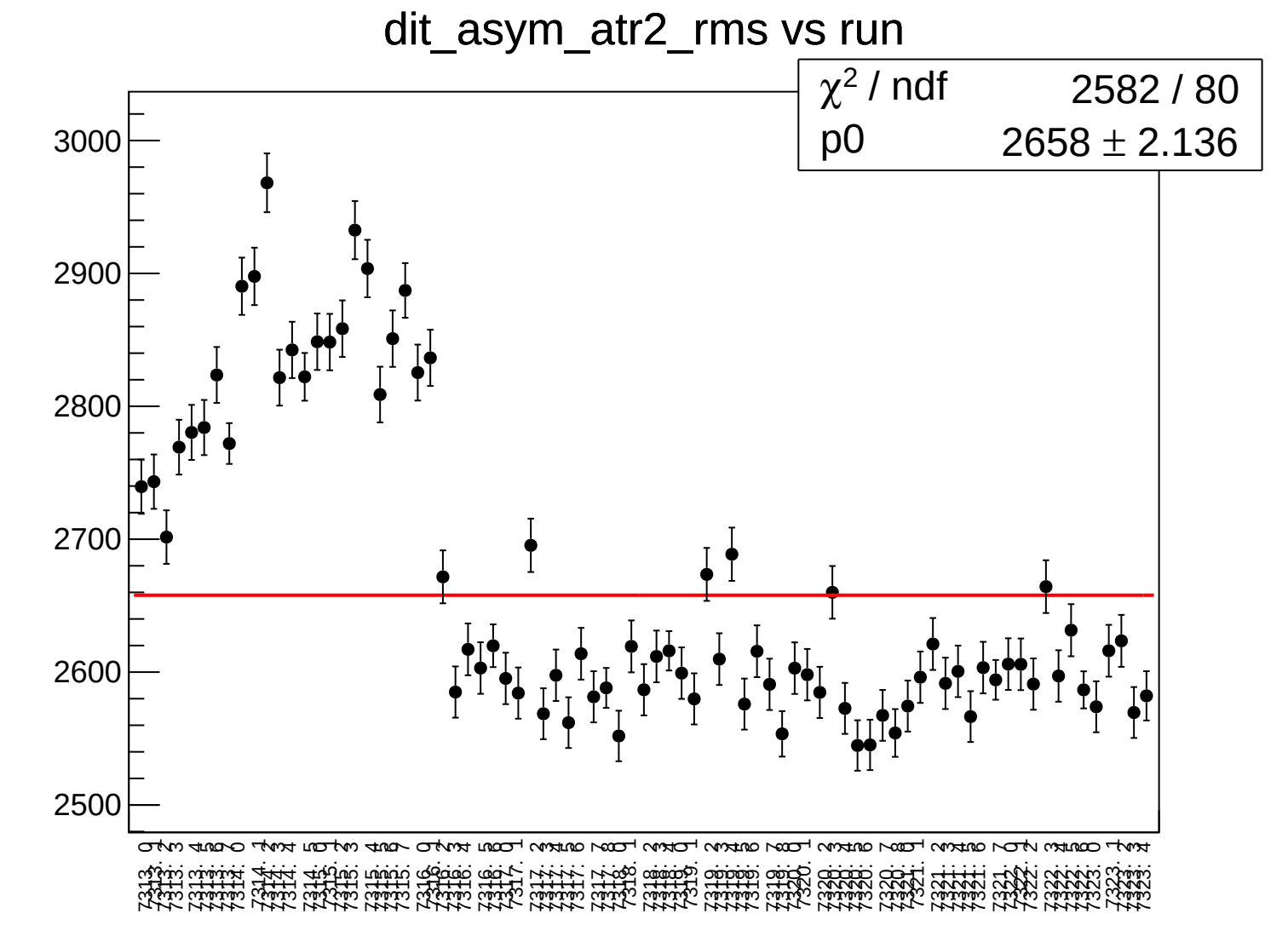

asym_atr1_mean vs run
×10^3
χ² / ndf 92.98 / 80
p0 −3553 ± 3310
150
100
50
0
−50
−100
−150
−200
−250
pull
Entries 81
Mean 152.5
Std Dev 100.5
3
2
1
0
−1
−2
−3

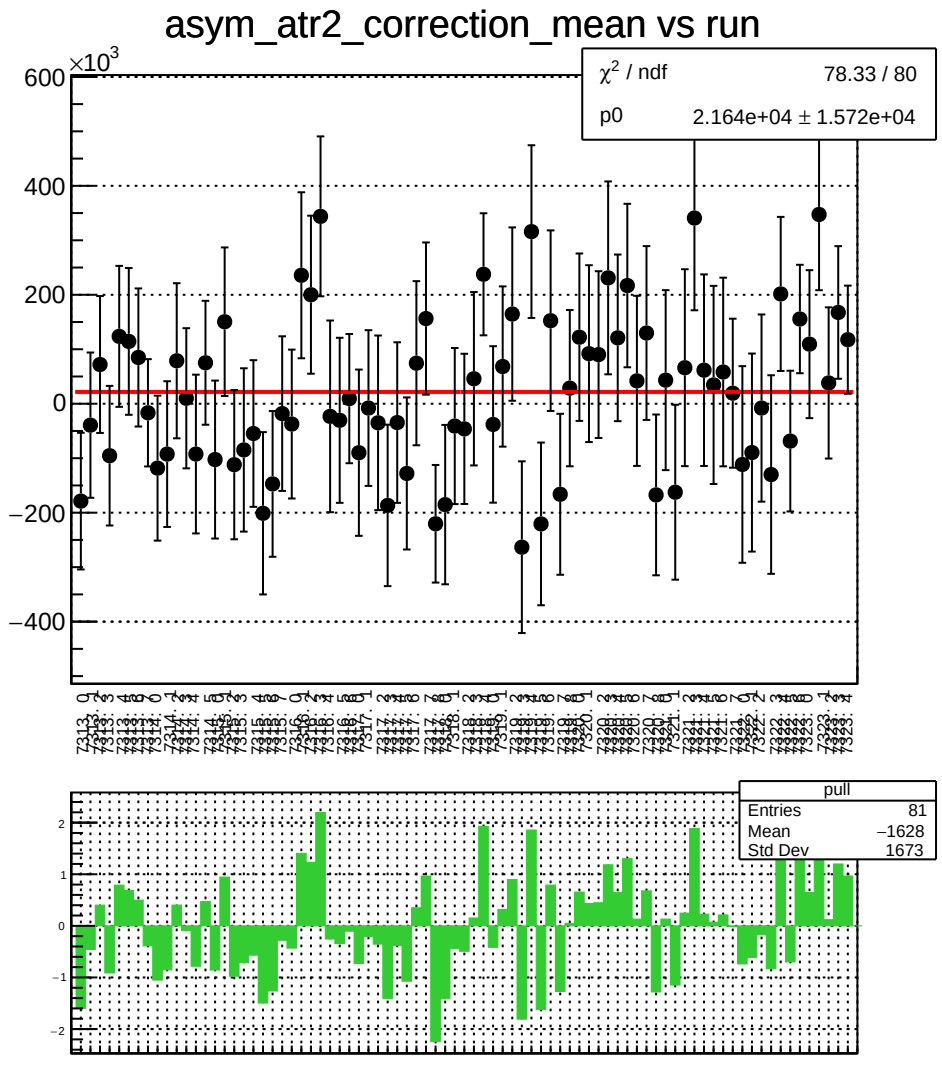

pull1D
Entries 81
Mean −0.005758
Std Dev 1.071
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

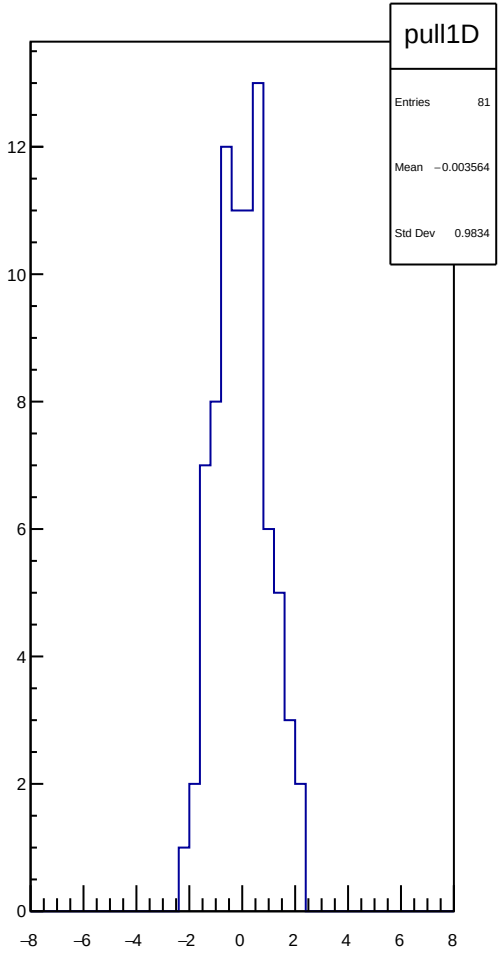

asym_atr1_rms vs run
χ^2 / ndf 9909 / 80
p0 2906 ± 2.341
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000

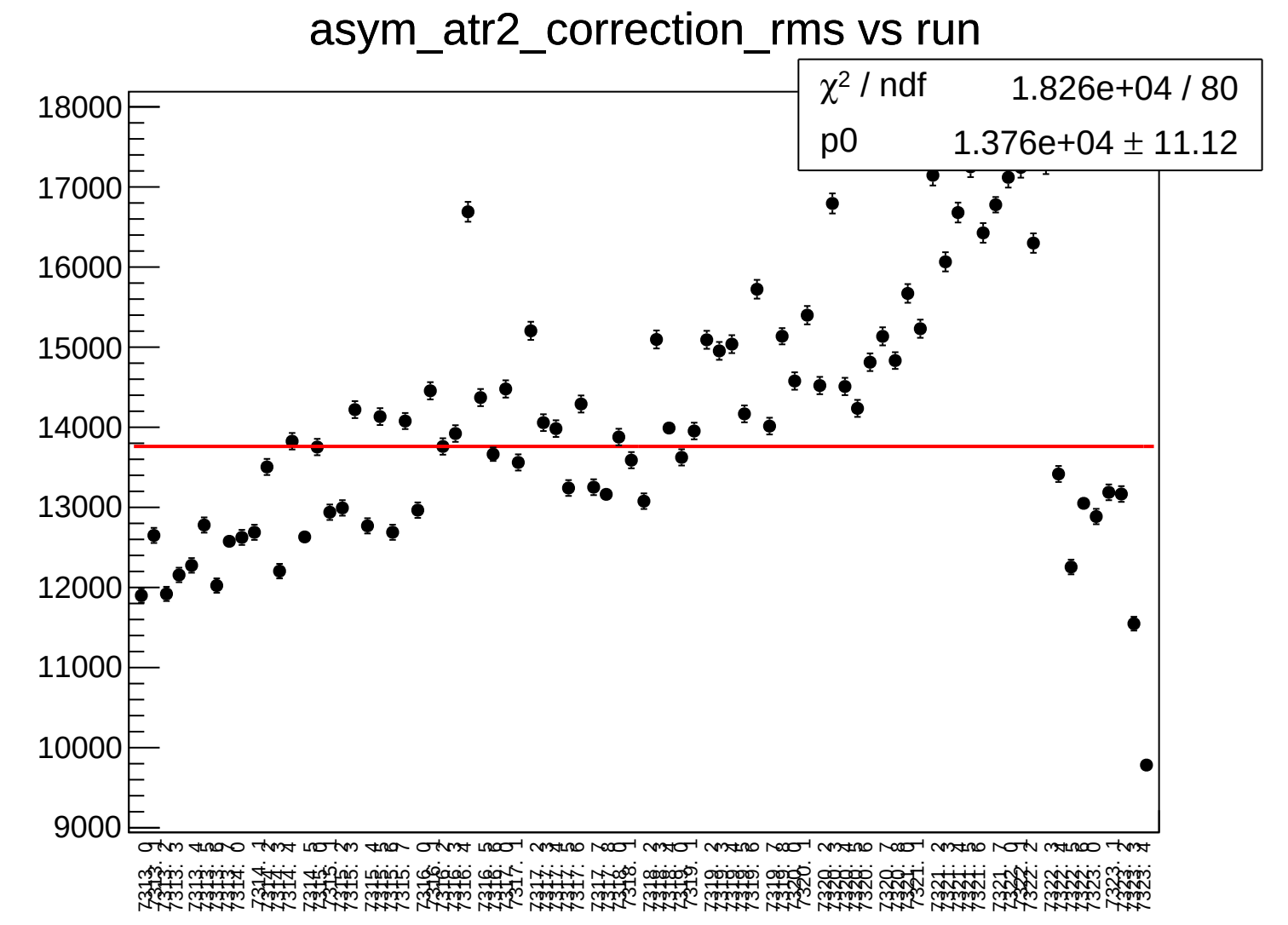

dit_asym_atr2_mean vs run
×10^3
χ² / ndf 88.84 / 80
p0 1574 ± 3021
100
50
0
−50
−100
−150
pull
Entries 81
Mean 468.7
Std Dev 472.2
2
1
0
−1
−2
−3
−4

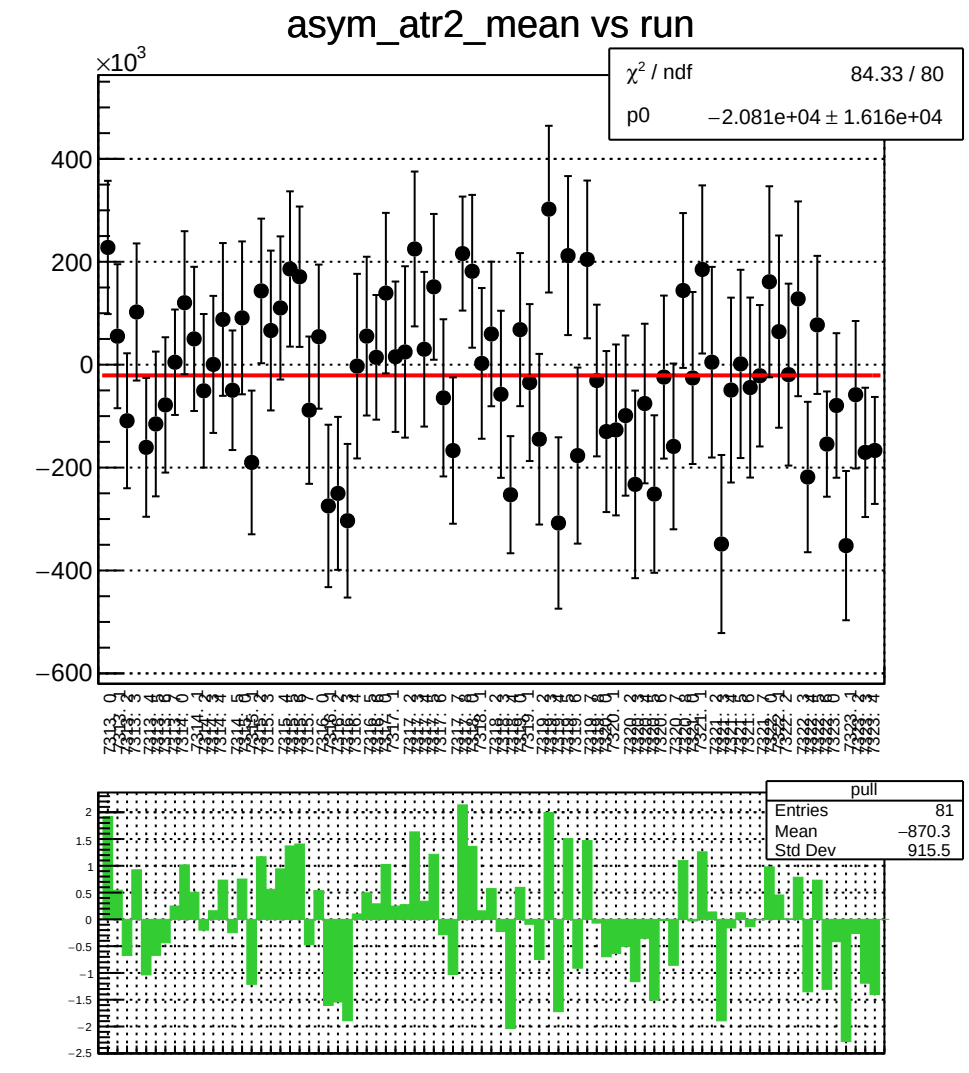

pull1D
Entries 81
Mean 0.001223
Std Dev 1.047
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

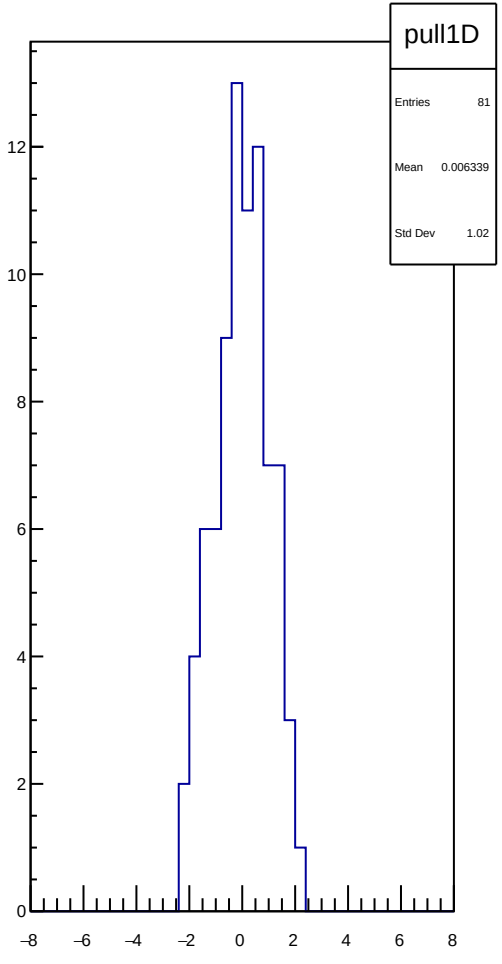

dit_asym_atr2_rms vs run
χ² / ndf 2582 / 80
p0 2658 ± 2.136
3000
2900
2800
2700
2600
2500

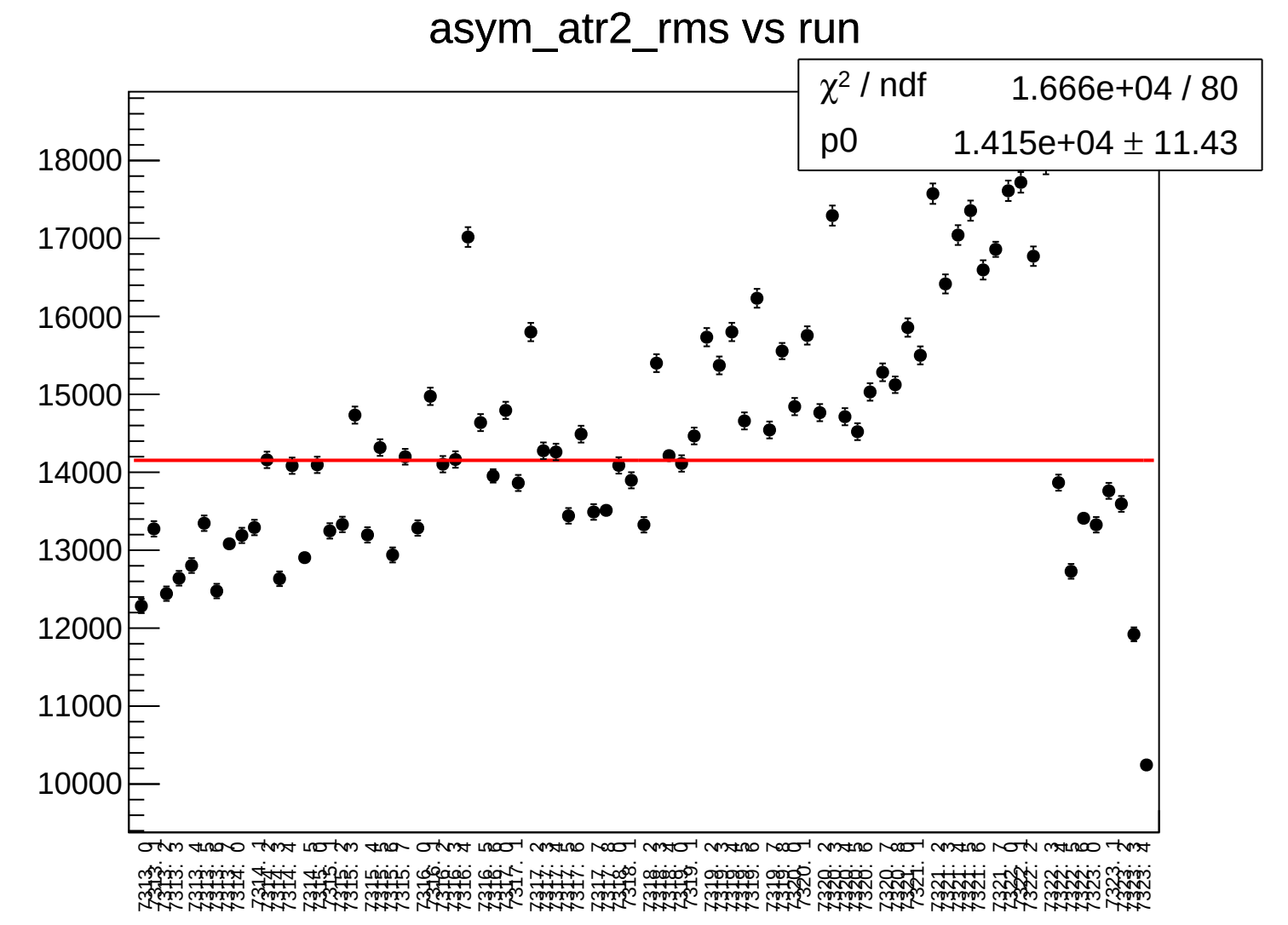

asym_atr2_correction_mean vs run
×10^3
600
400
200
0
−200
−400
χ² / ndf 78.33 / 80
p0 2.164e+04 ± 1.572e+04
pull
Entries 81
Mean −1628
Std Dev 1673
2
1
0
−1
−2

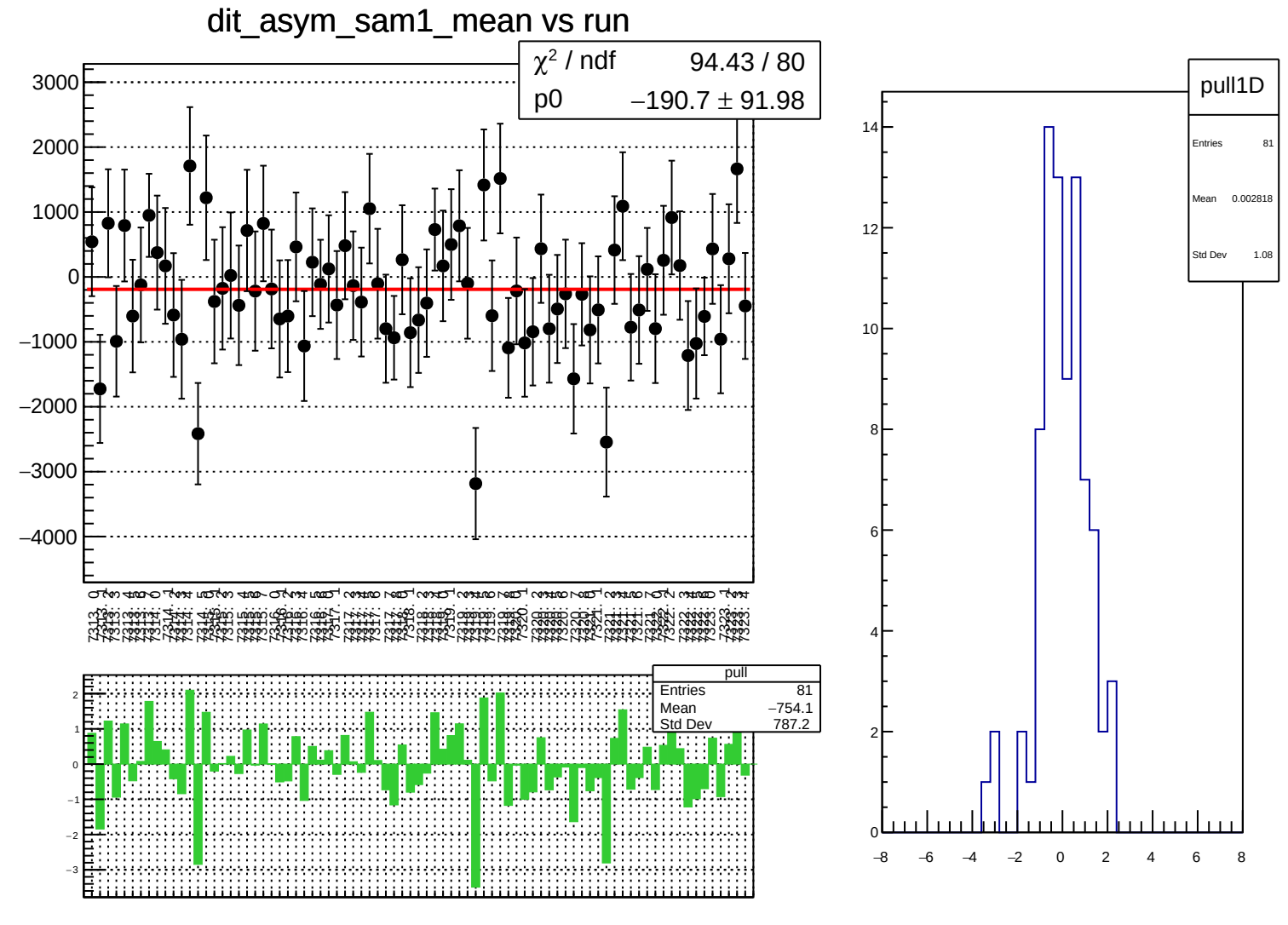

pull1D
Entries 81
Mean −0.003564
Std Dev 0.9834
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

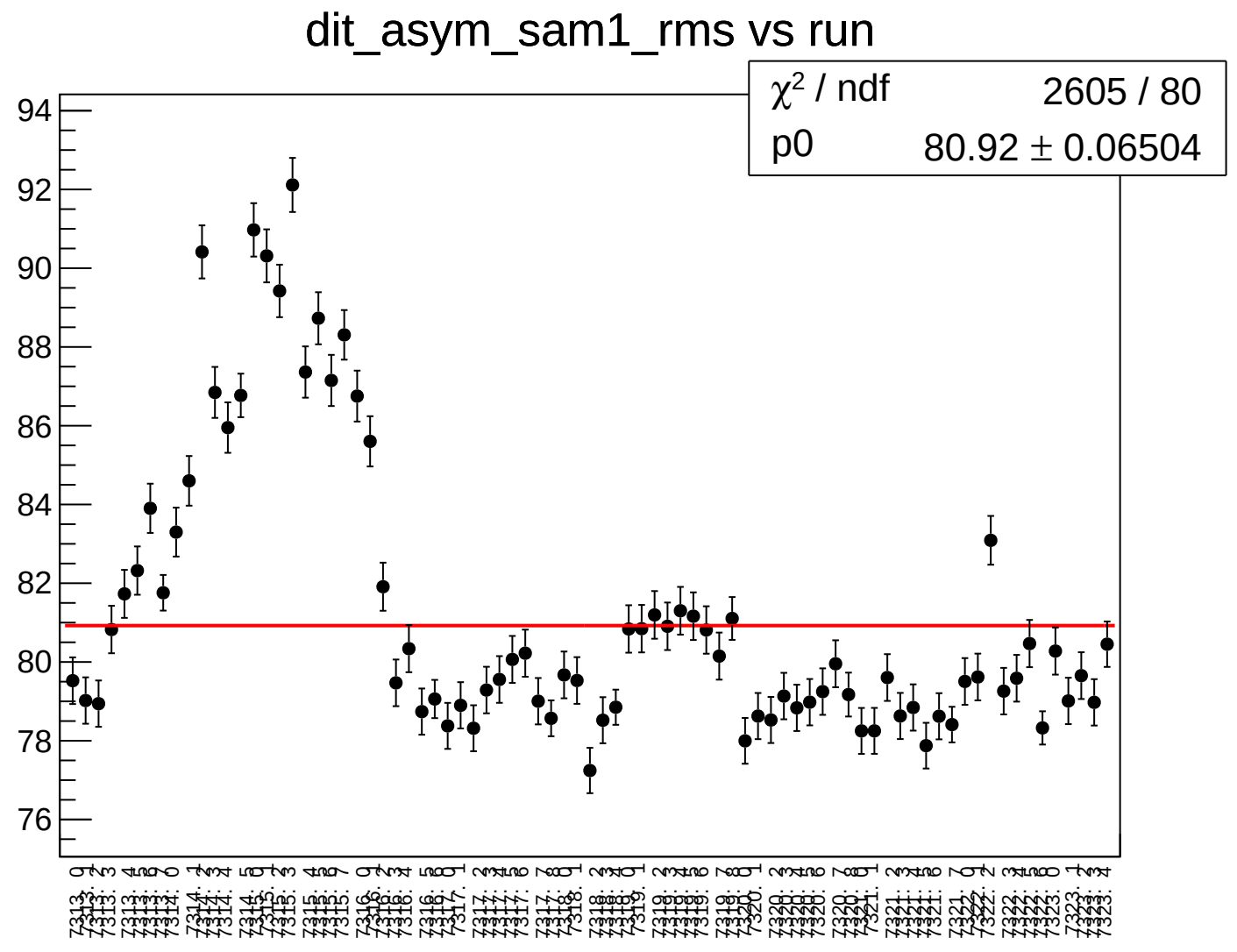

asym_atr2_correction_rms vs run
χ² / ndf 1.826e+04 / 80
p0 1.376e+04 ± 11.12
18000
17000
16000
15000
14000
13000
12000
11000
10000
9000

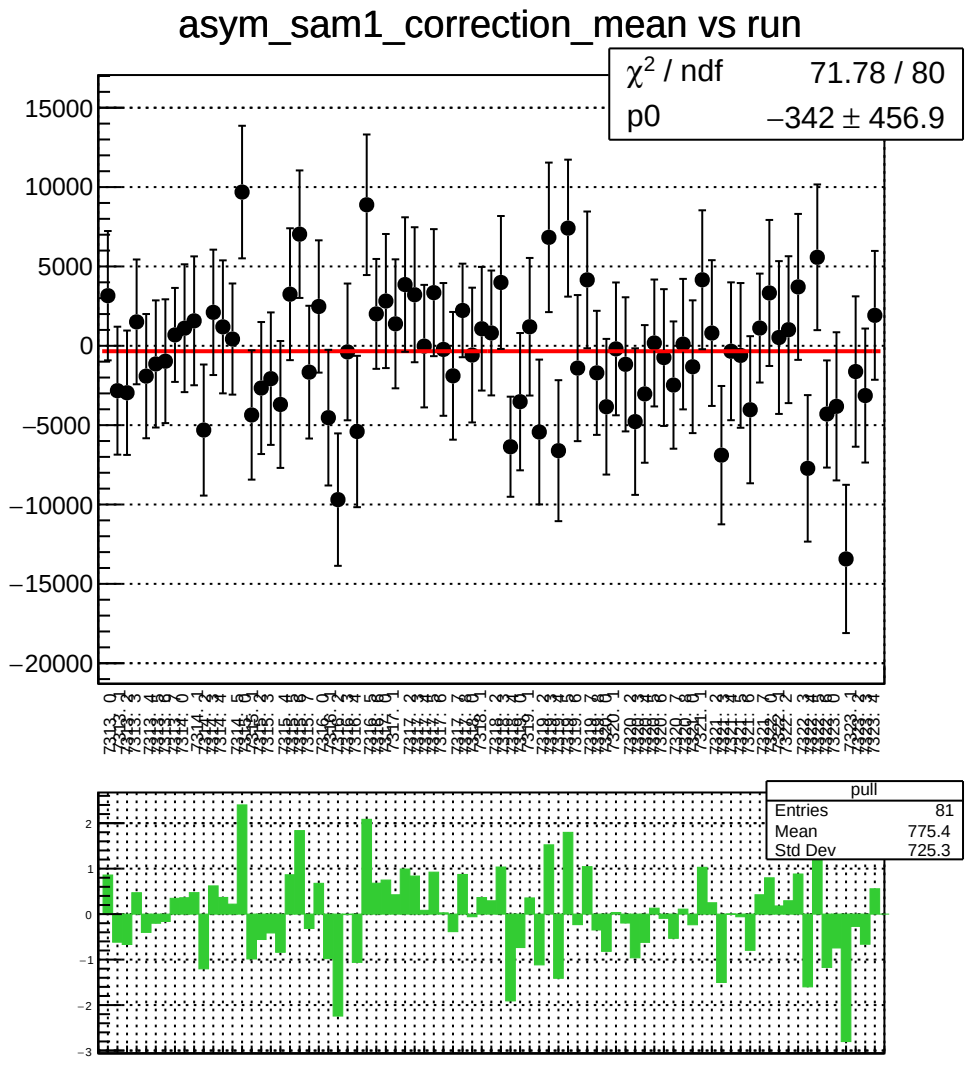

asym_atr2_mean vs run
×10^3
χ² / ndf 84.33 / 80
p0 −2.081e+04 ± 1.616e+04
pull
Entries 81
Mean −870.3
Std Dev 915.5

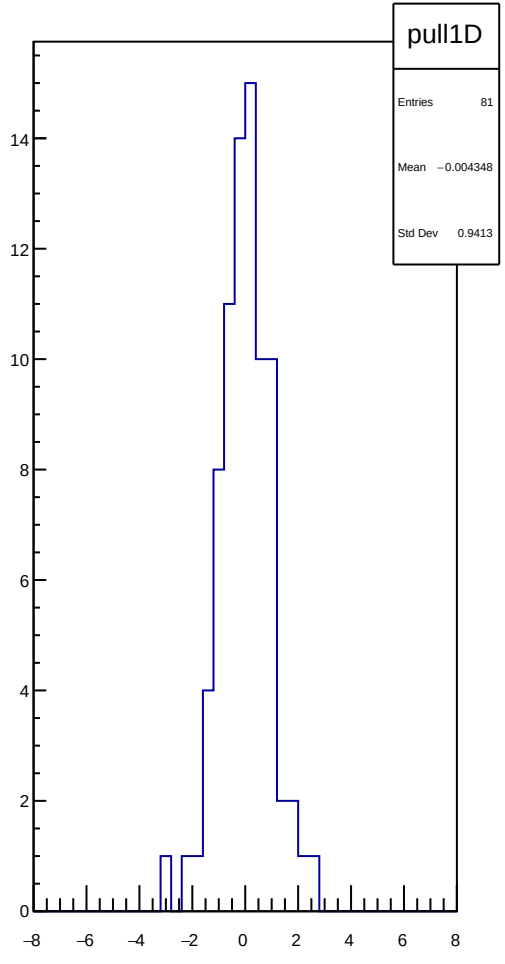

pull1D
Entries 81
Mean 0.006339
Std Dev 1.02

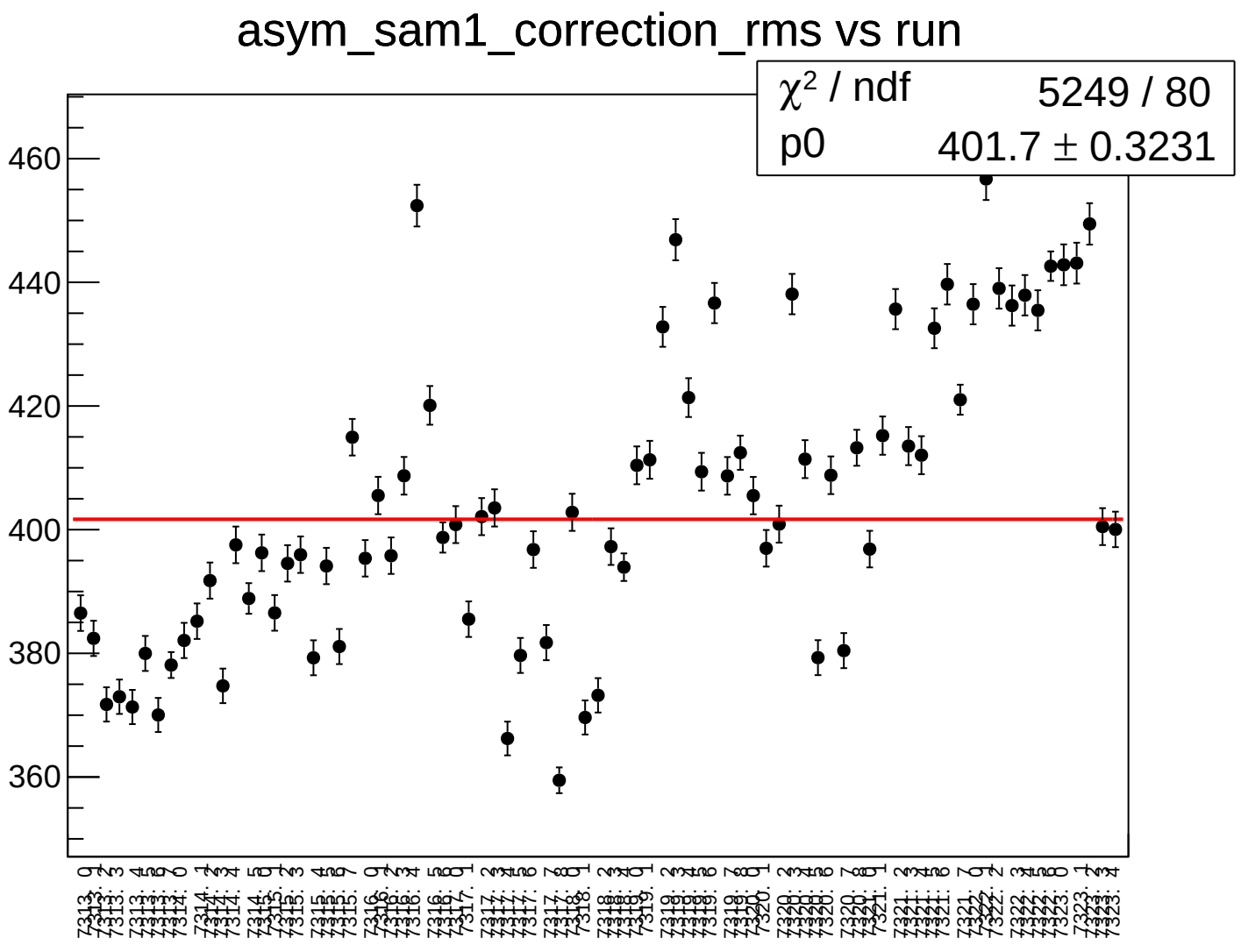

asym_atr2_rms vs run
χ² / ndf 1.666e+04 / 80
p0 1.415e+04 ± 11.43
18000
17000
16000
15000
14000
13000
12000
11000
10000

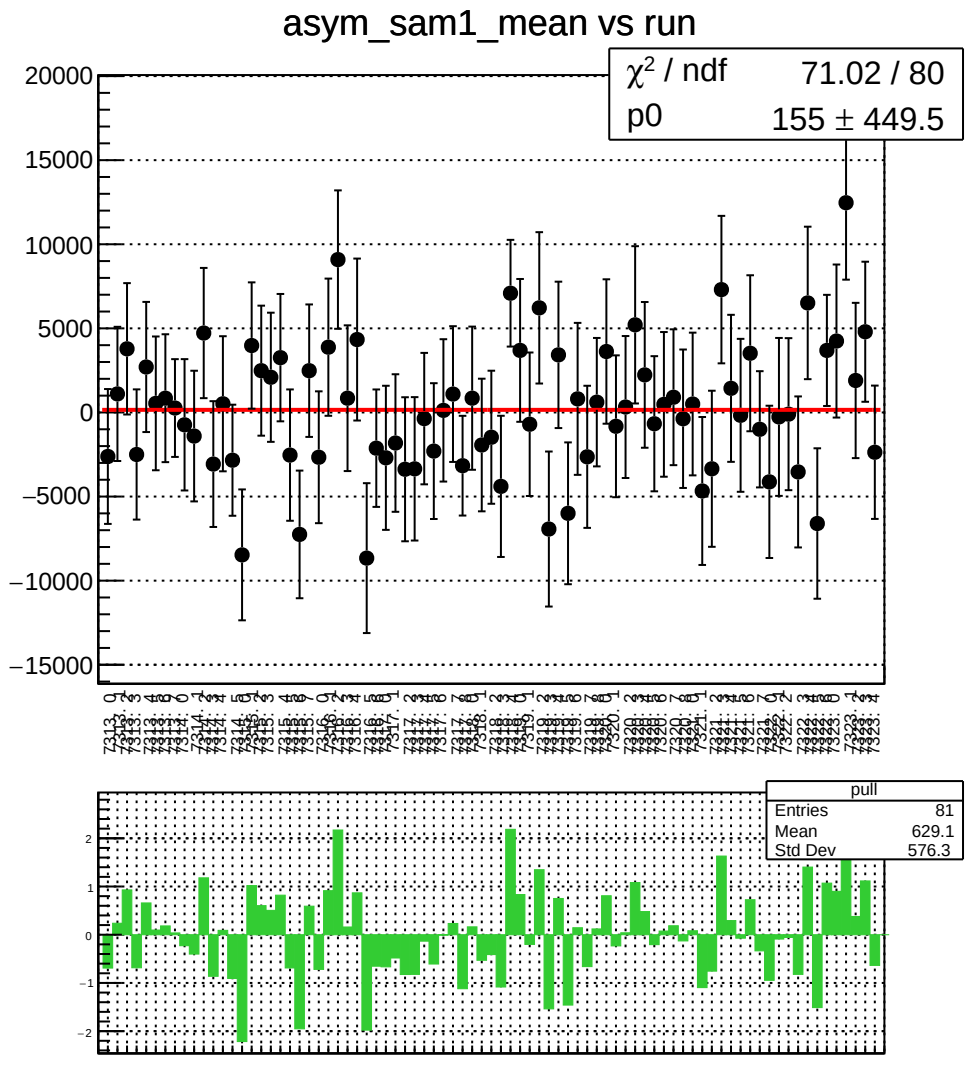

dit_asym_sam1_mean vs run
χ² / ndf 94.43 / 80
p0 −190.7 ± 91.98
pull
Entries 81
Mean −754.1
Std Dev 787.2
pull1D
Entries 81
Mean 0.002818
Std Dev 1.08

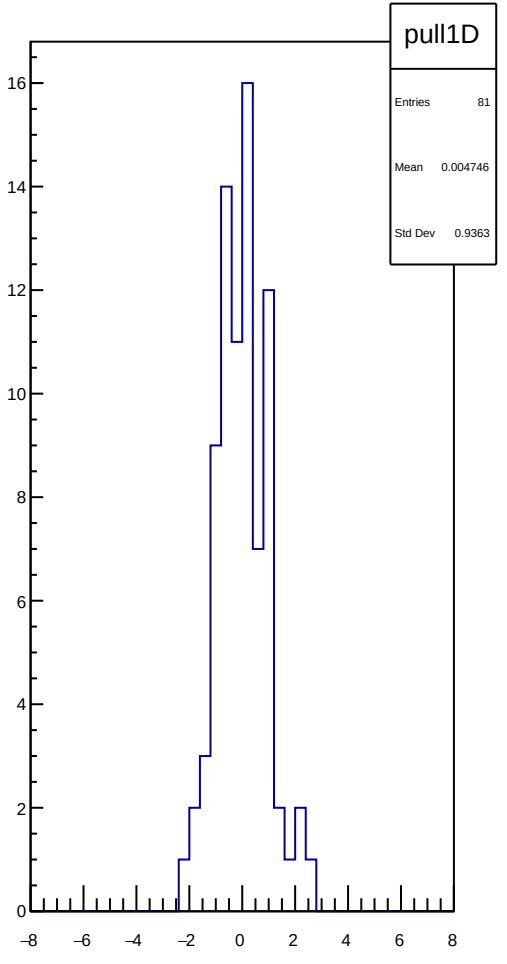

dit_asym_sam1_rms vs run
χ² / ndf 2605 / 80
p0 80.92 ± 0.06504
94
92
90
88
86
84
82
80
78
76

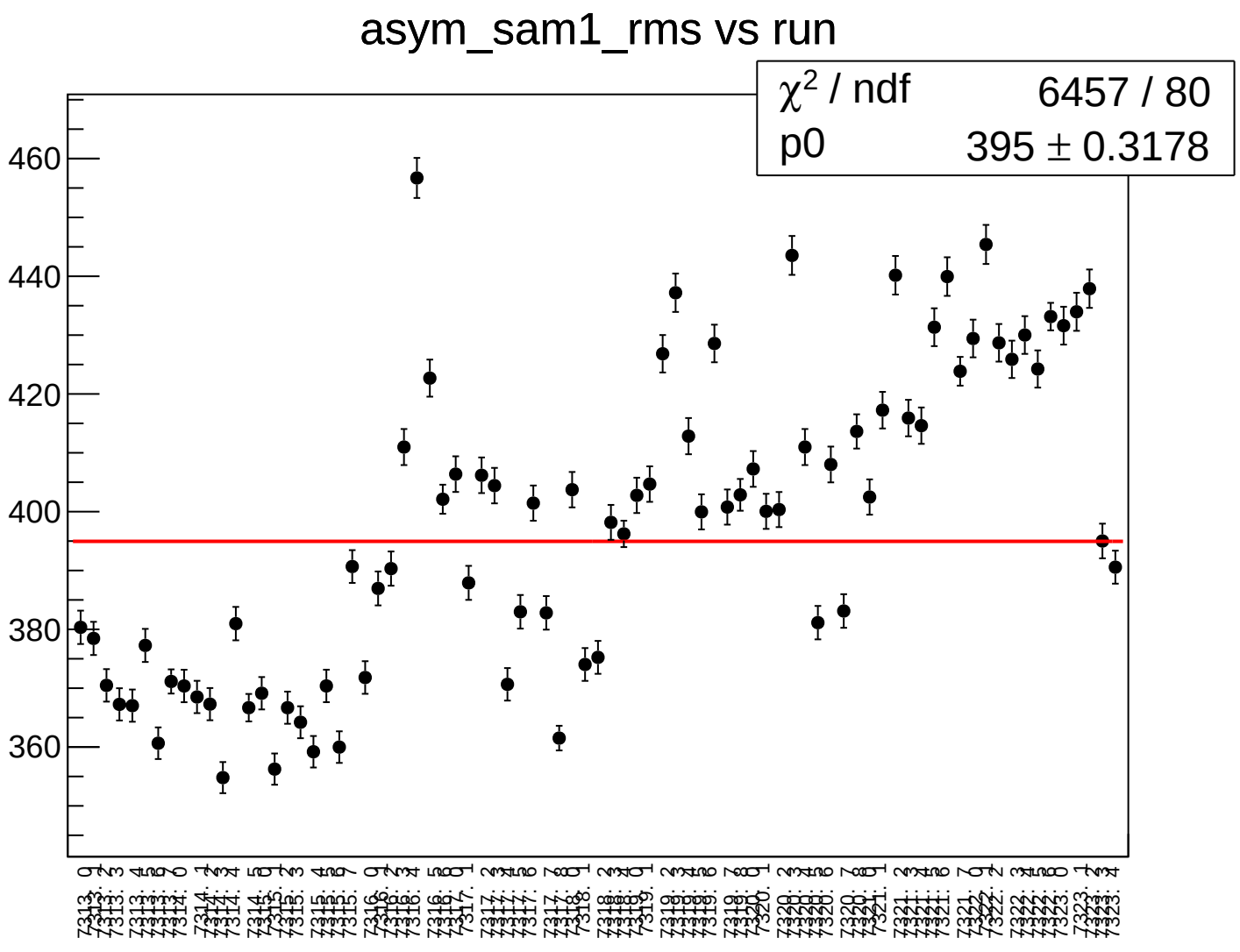

asym_sam1_correction_mean vs run
χ² / ndf 71.78 / 80
p0 −342 ± 456.9
pull
Entries 81
Mean 775.4
Std Dev 725.3

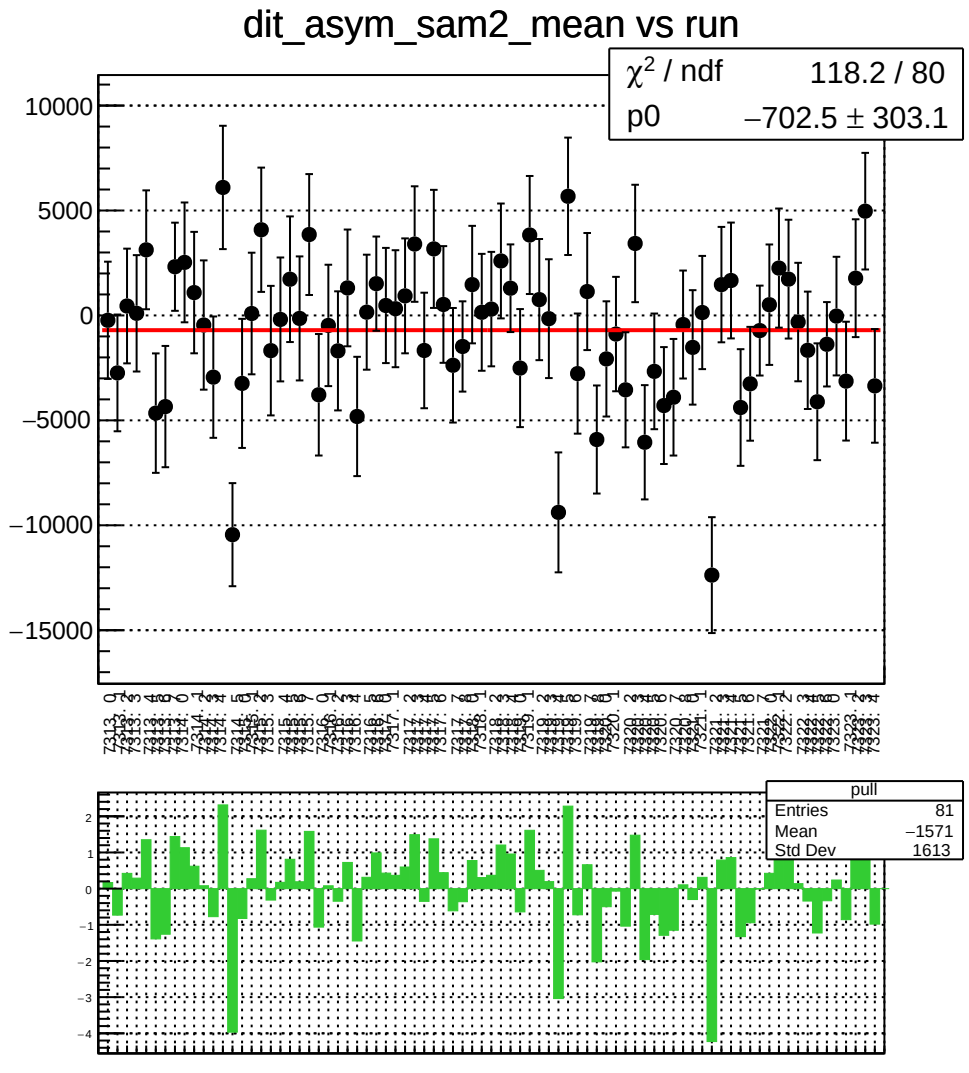

pull1D
Entries 81
Mean −0.004348
Std Dev 0.9413

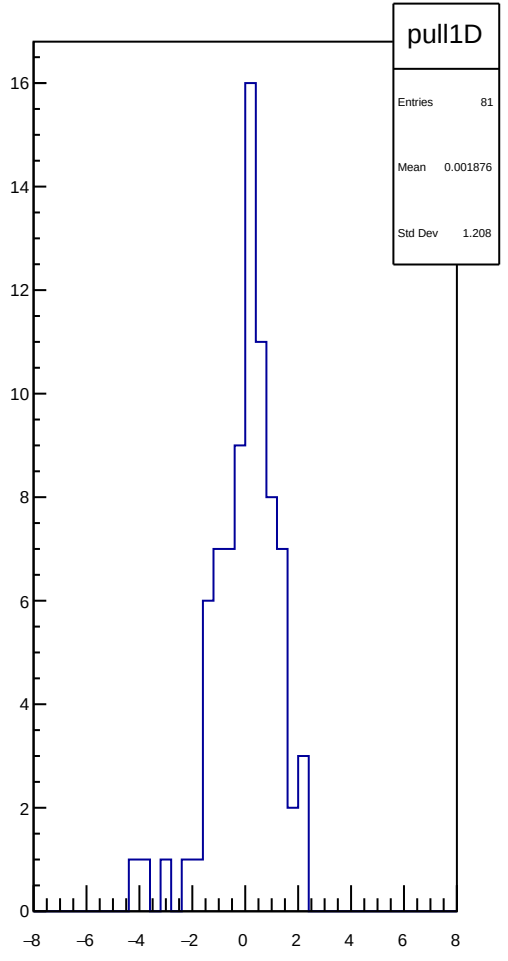

asym_sam1_correction_rms vs run
χ² / ndf 5249 / 80
p0 401.7 ± 0.3231
460
440
420
400
380
360

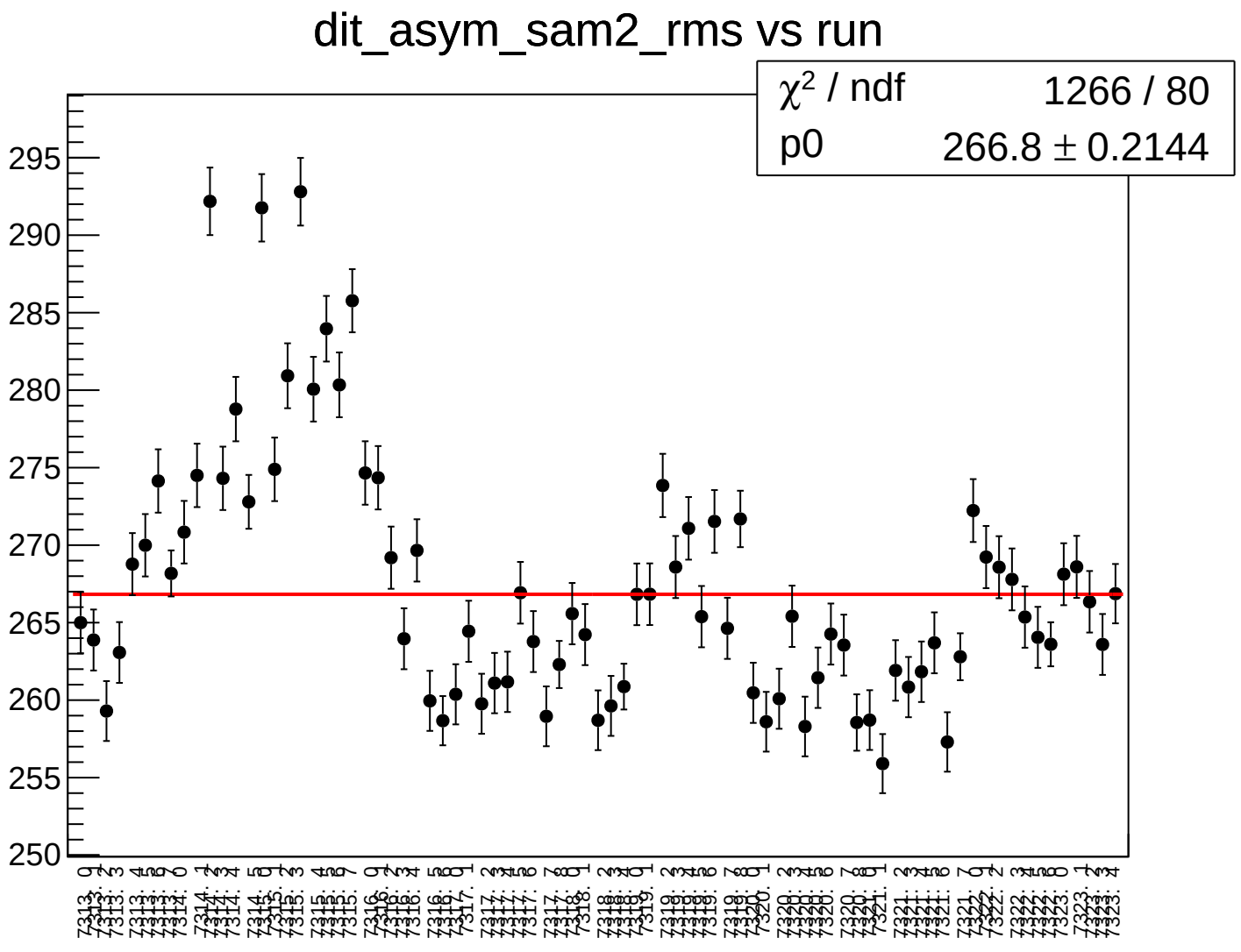

asym_sam1_mean vs run
χ² / ndf 71.02 / 80
p0 155 ± 449.5
pull
Entries 81
Mean 629.1
Std Dev 576.3

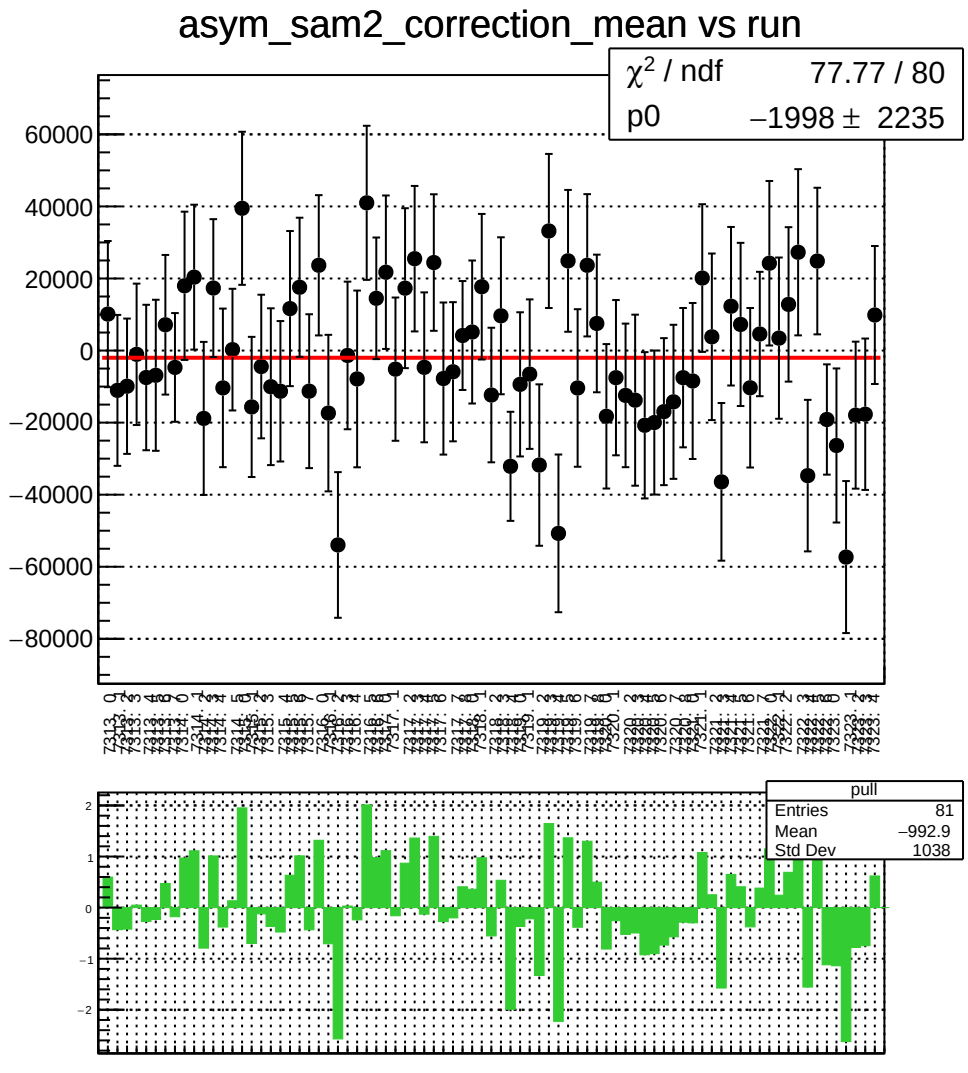

pull1D
Entries 81
Mean 0.004746
Std Dev 0.9363

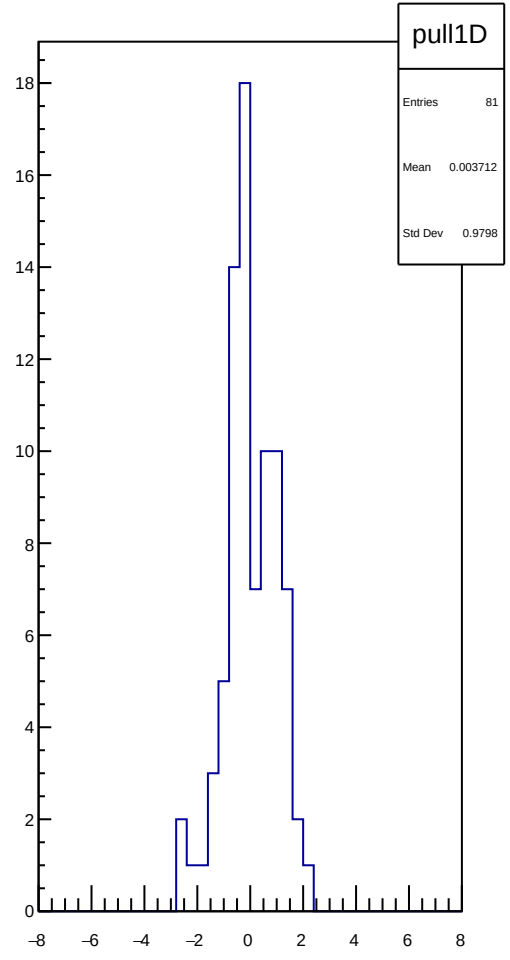

asym_sam1_rms vs run
χ^2 / ndf 6457 / 80
p0 395 ± 0.3178
460
440
420
400
380
360

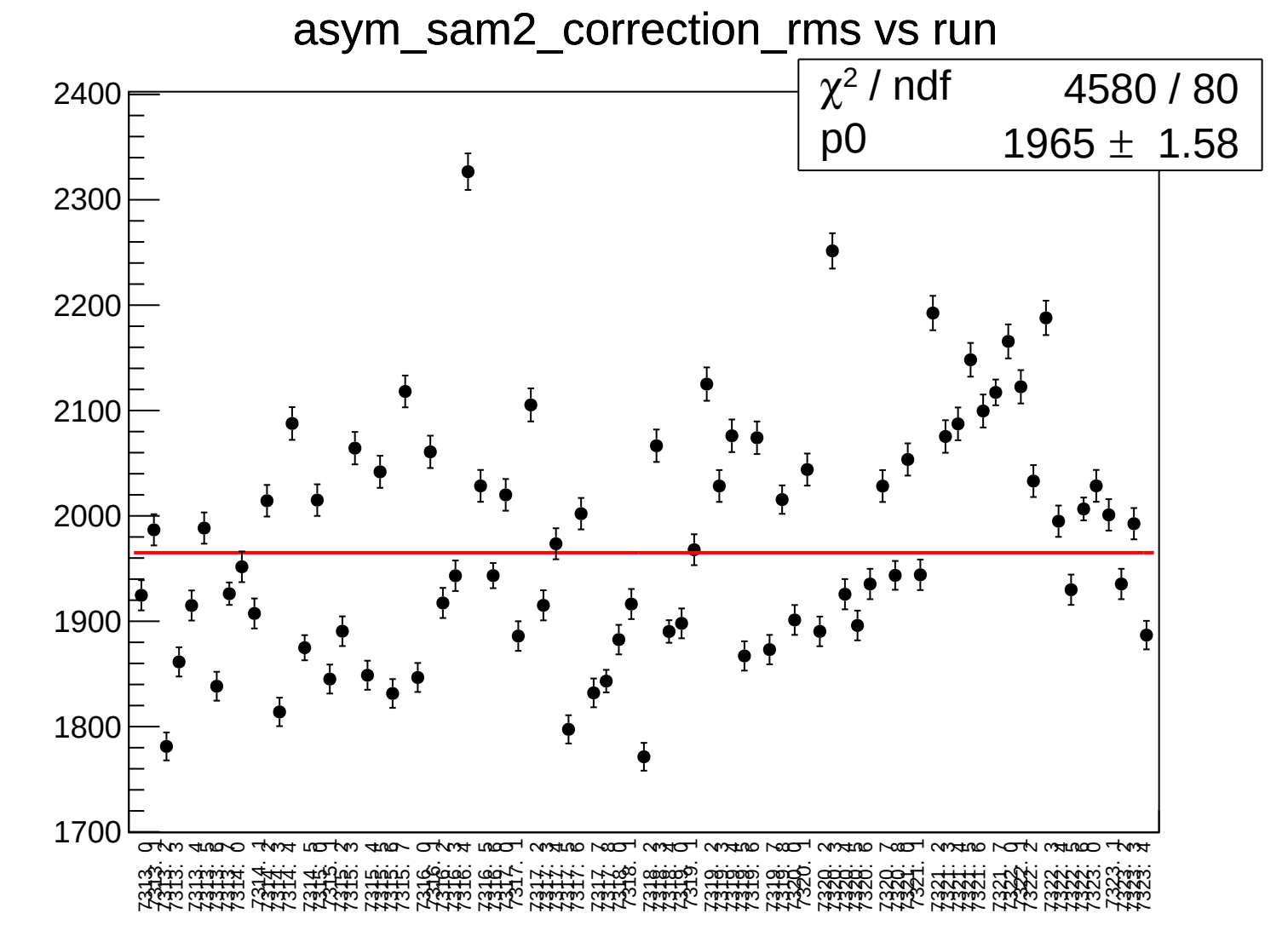

dit_asym_sam2_mean vs run
χ² / ndf 118.2 / 80
p0 −702.5 ± 303.1
pull
Entries 81
Mean −1571
Std Dev 1613

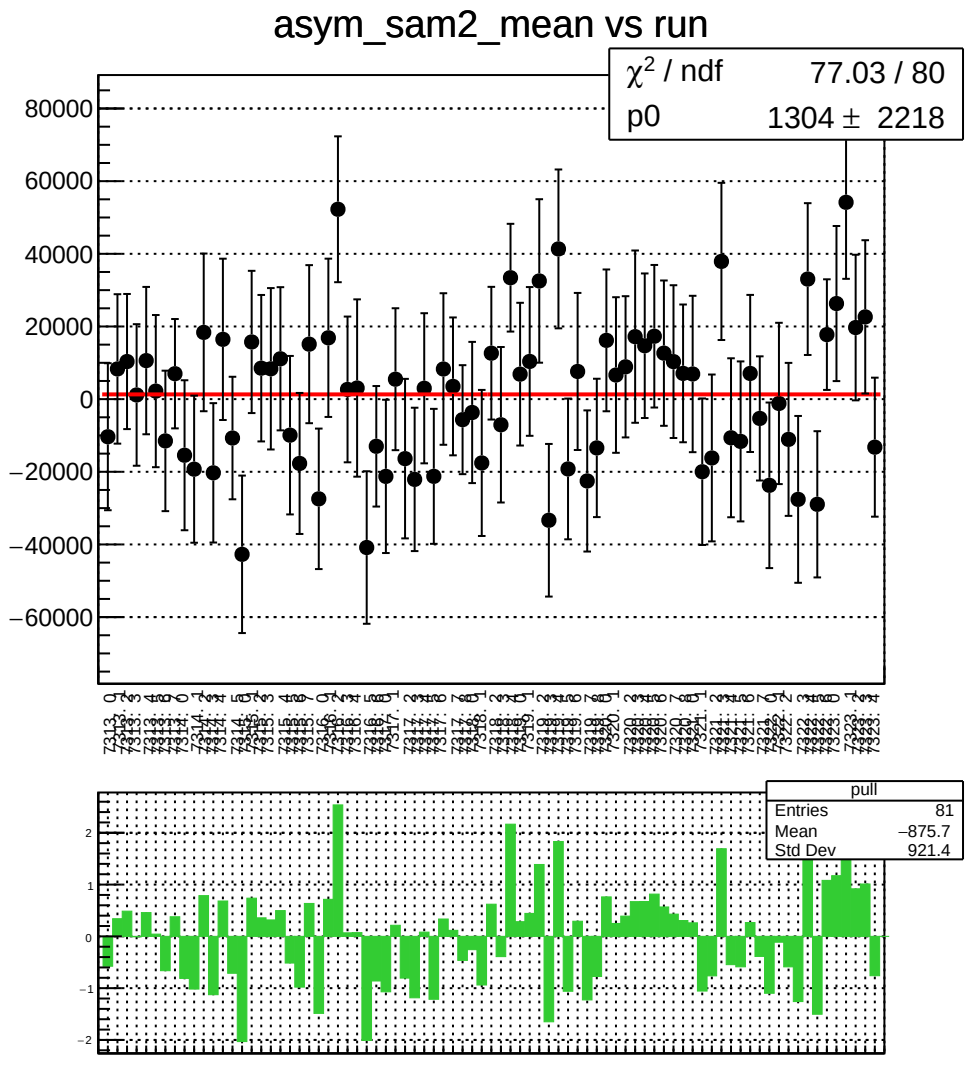

pull1D
Entries 81
Mean 0.001876
Std Dev 1.208

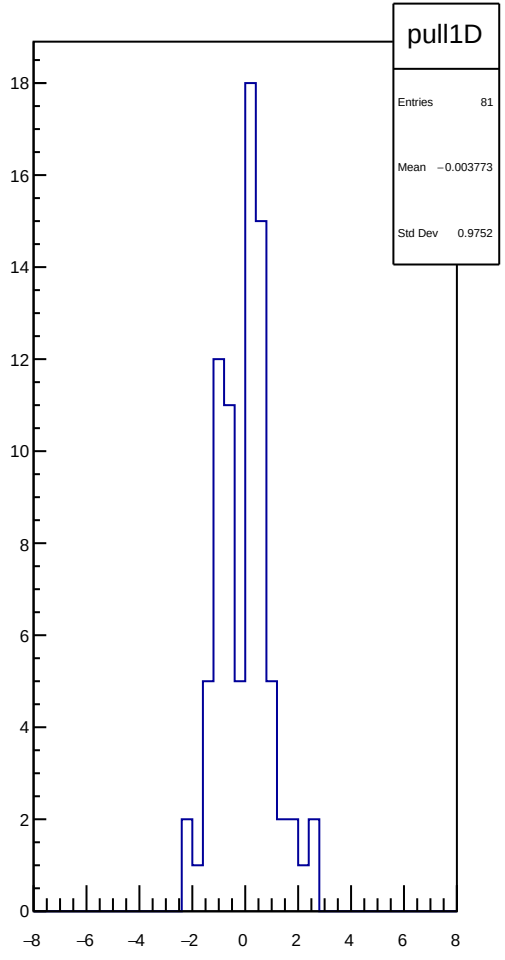

dit_asym_sam2_rms vs run
χ² / ndf 1266 / 80
p0 266.8 ± 0.2144
295
290
285
280
275
270
265
260
255
250

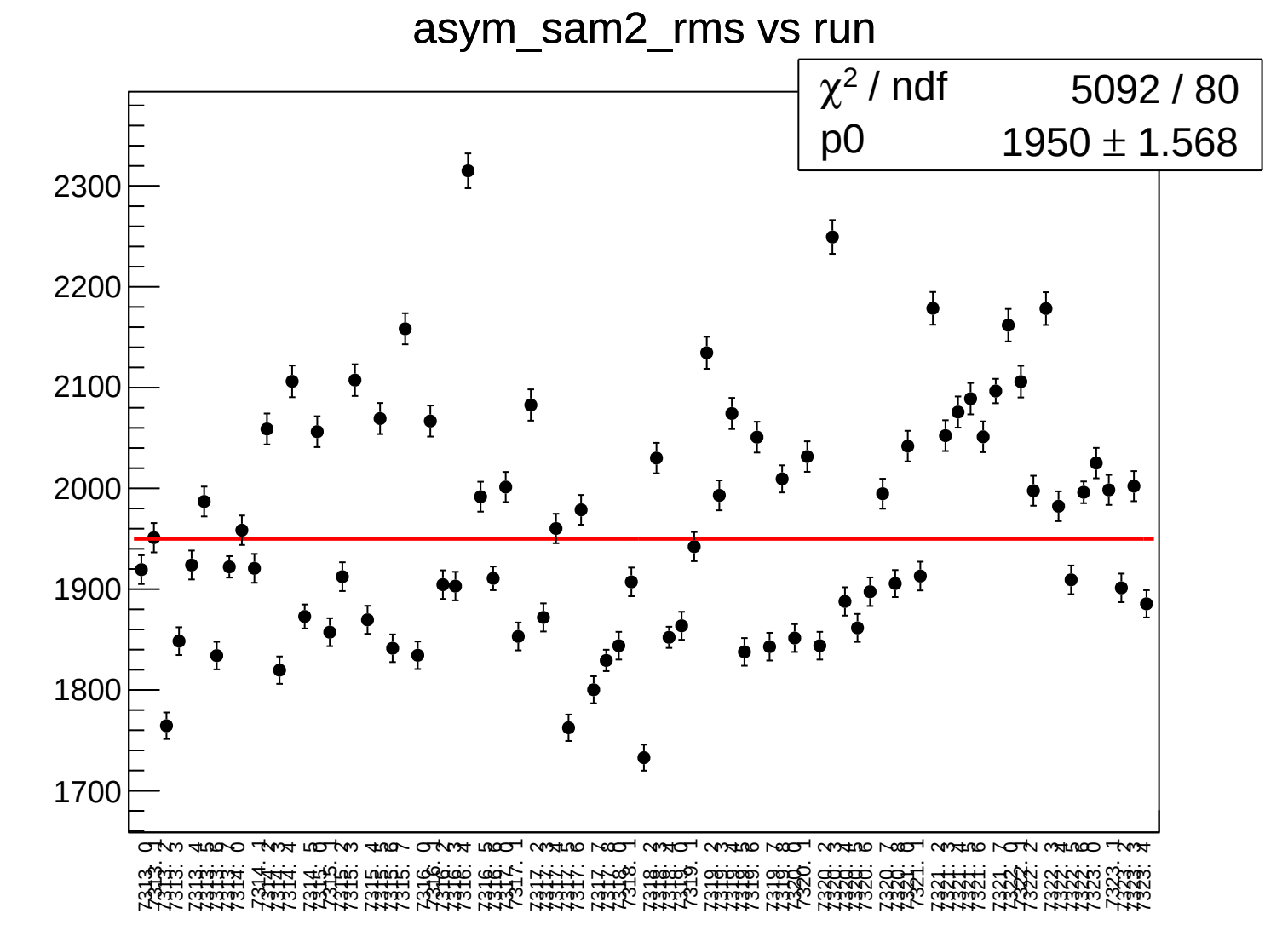

asym_sam2_correction_mean vs run
χ² / ndf 77.77 / 80
p0 −1998 ± 2235
pull
Entries 81
Mean −992.9
Std Dev 1038

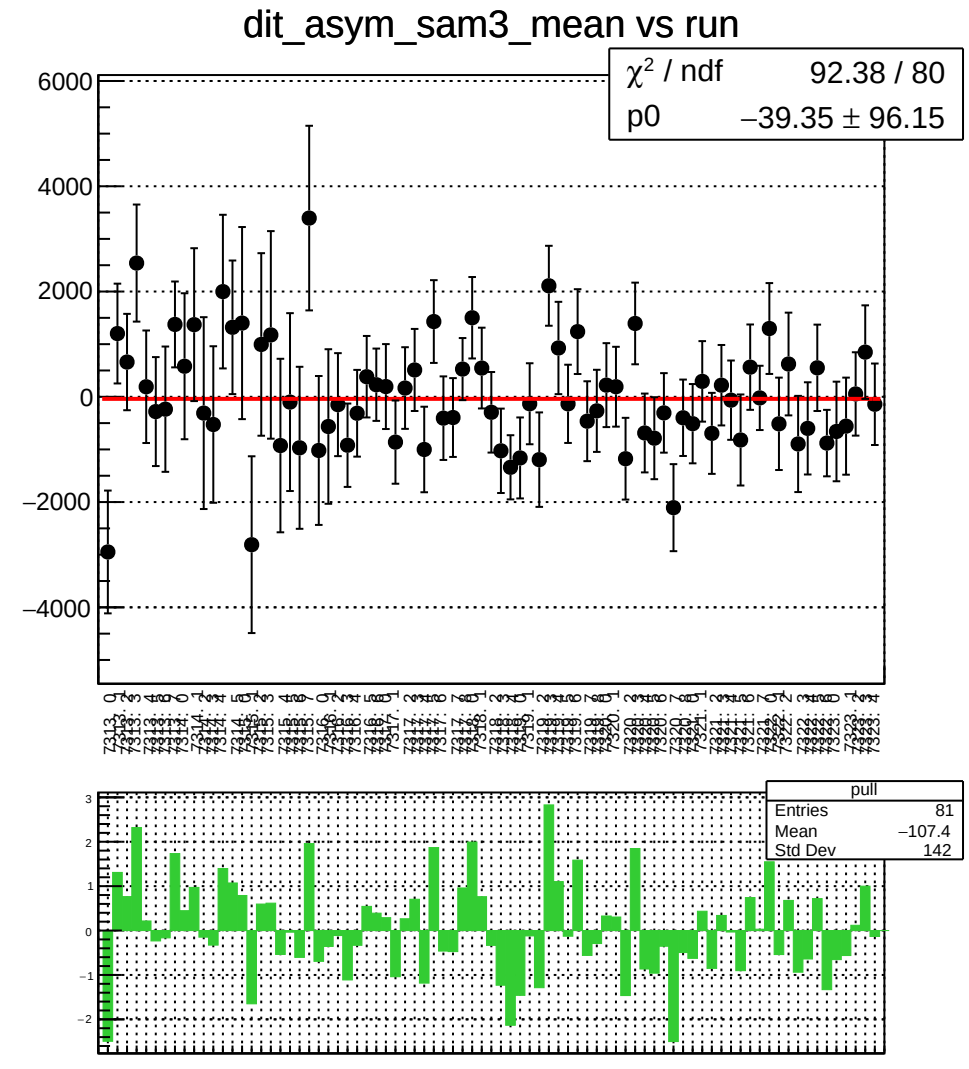

pull1D
Entries 81
Mean 0.003712
Std Dev 0.9798

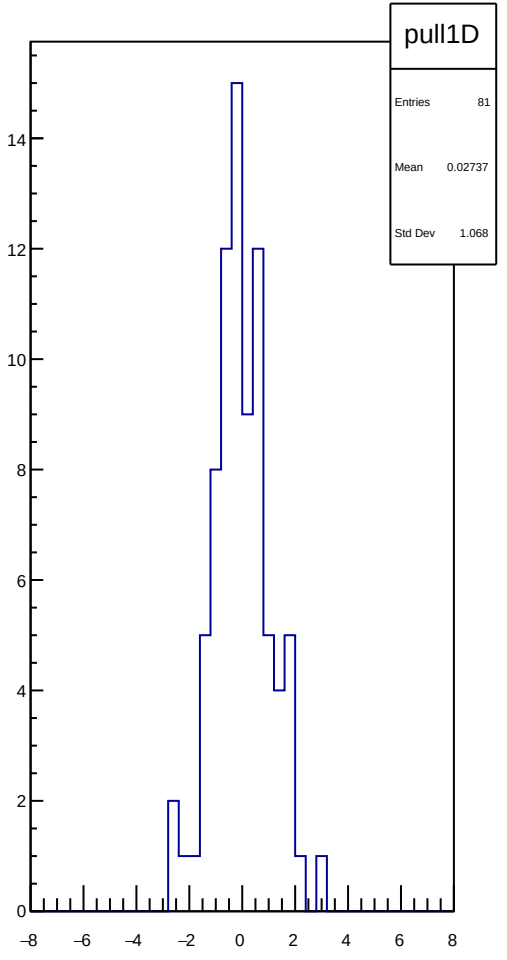

asym_sam2_correction_rms vs run
χ² / ndf 4580 / 80
p0 1965 ± 1.58
2400
2300
2200
2100
2000
1900
1800
1700

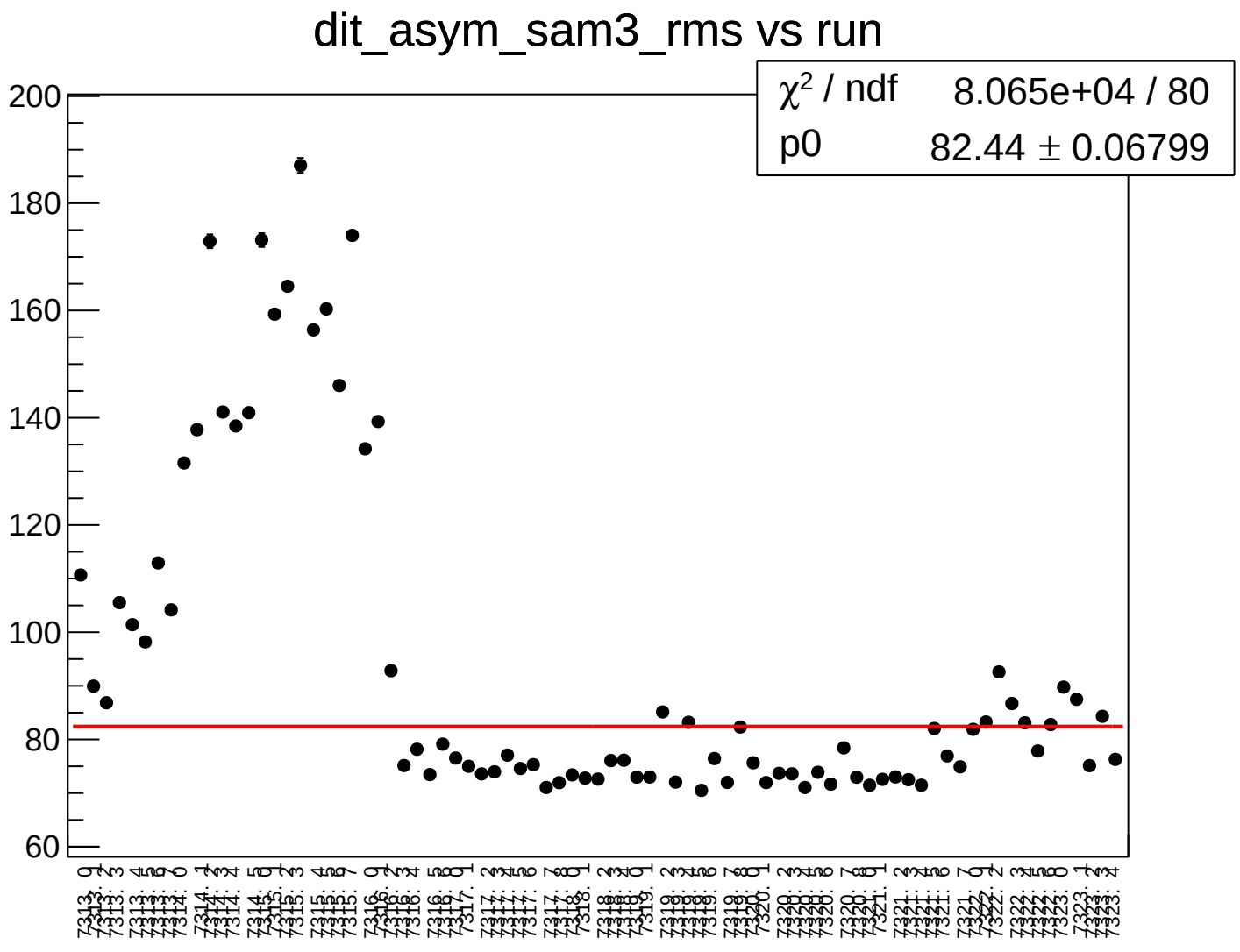

asym_sam2_mean vs run
χ² / ndf 77.03 / 80
p0 1304 ± 2218
pull
Entries 81
Mean −875.7
Std Dev 921.4

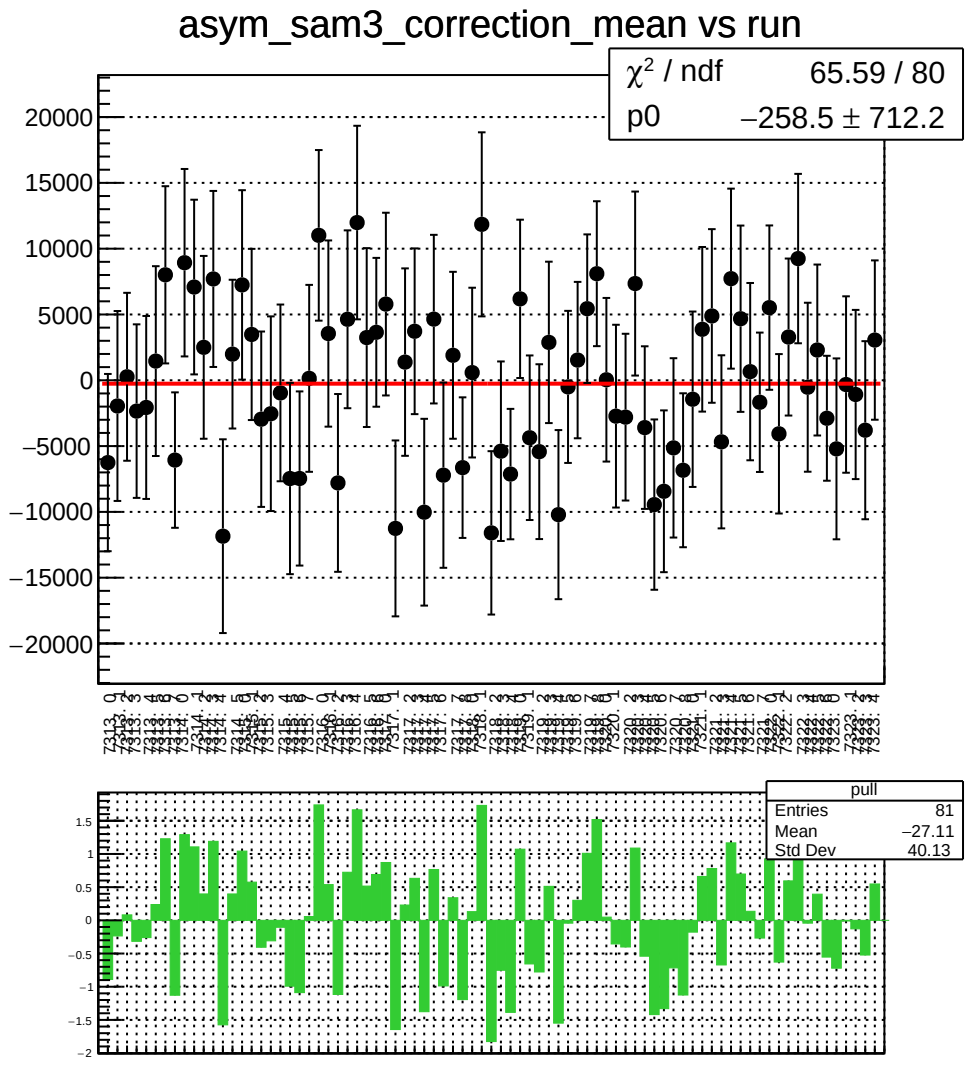

pull1D
Entries 81
Mean −0.003773
Std Dev 0.9752

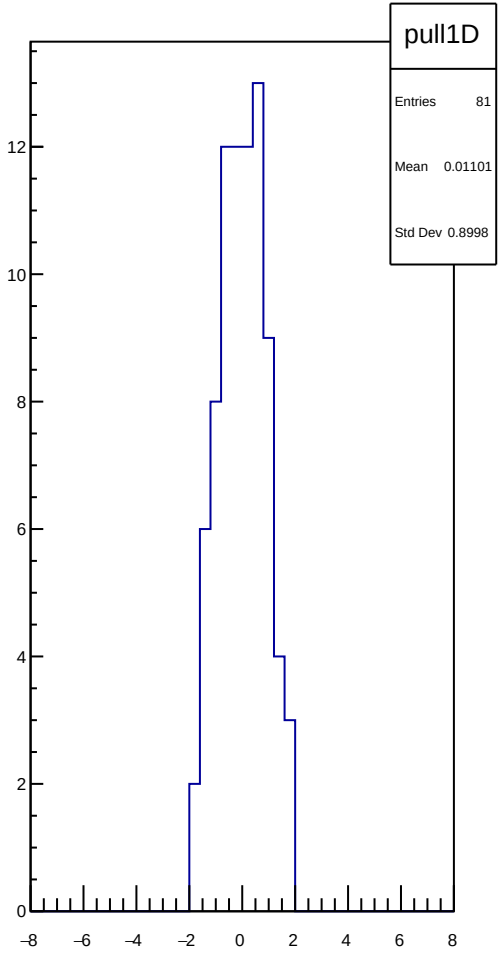

asym_sam2_rms vs run
χ² / ndf 5092 / 80
p0 1950 ± 1.568
2300
2200
2100
2000
1900
1800
1700

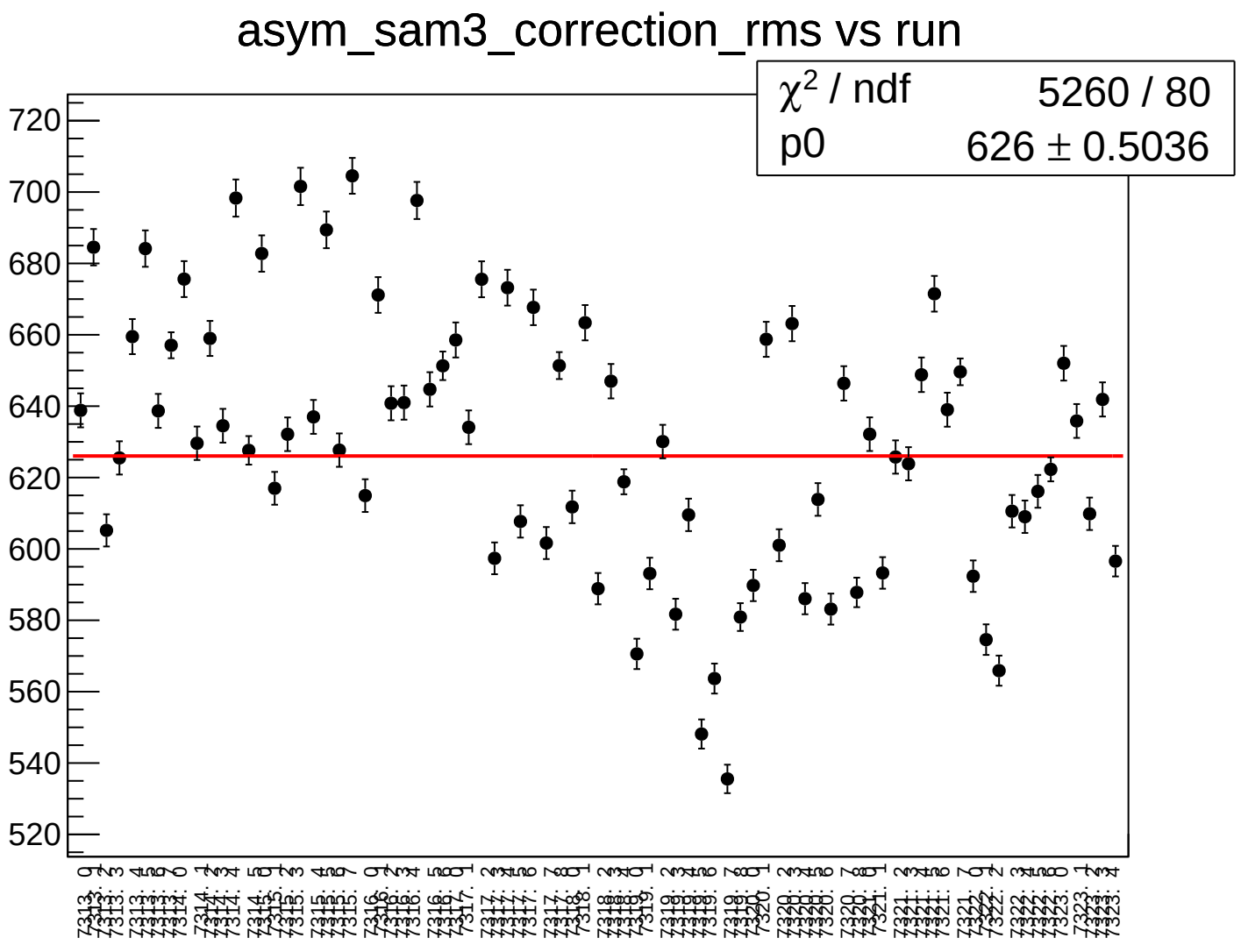

dit_asym_sam3_mean vs run
χ² / ndf 92.38 / 80
p0 −39.35 ± 96.15
pull
Entries 81
Mean −107.4
Std Dev 142

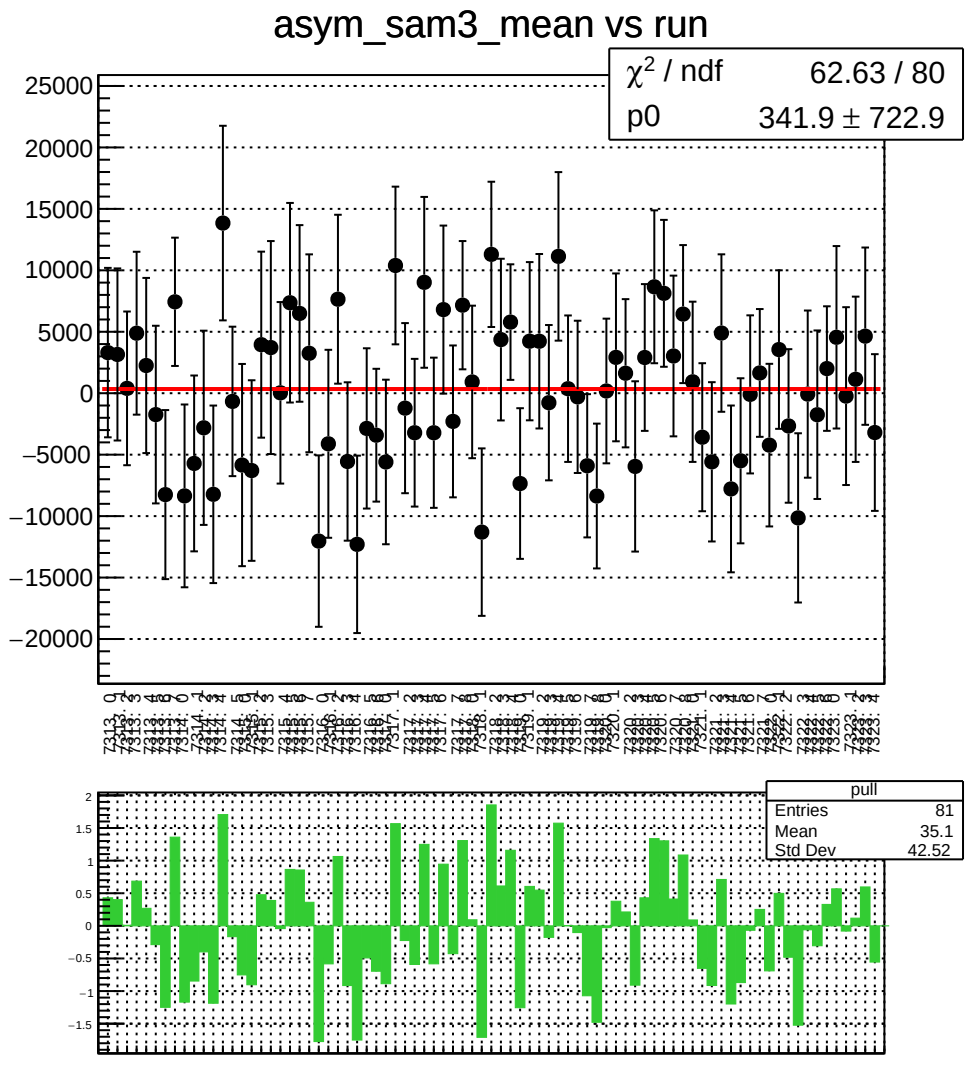

pull1D
Entries 81
Mean 0.02737
Std Dev 1.068

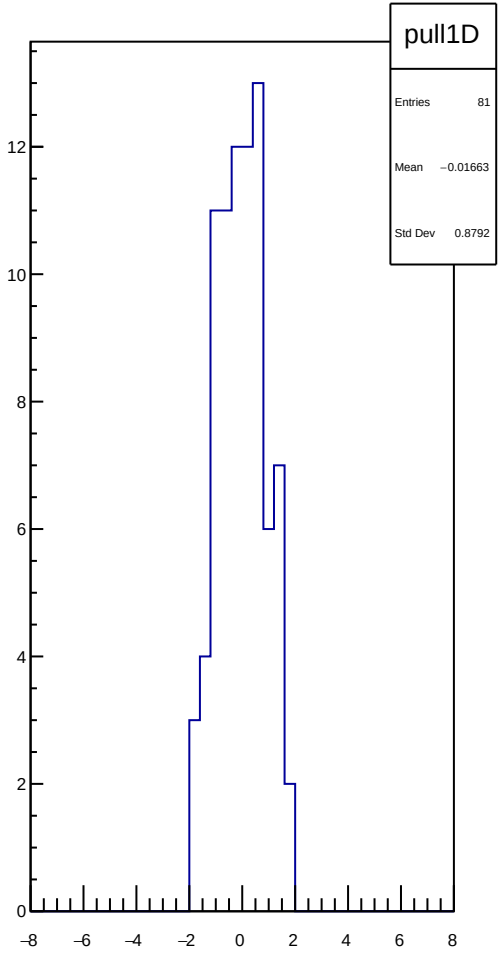

dit_asym_sam3_rms vs run
χ² / ndf 8.065e+04 / 80
p0 82.44 ± 0.06799
200
180
160
140
120
100
80
60

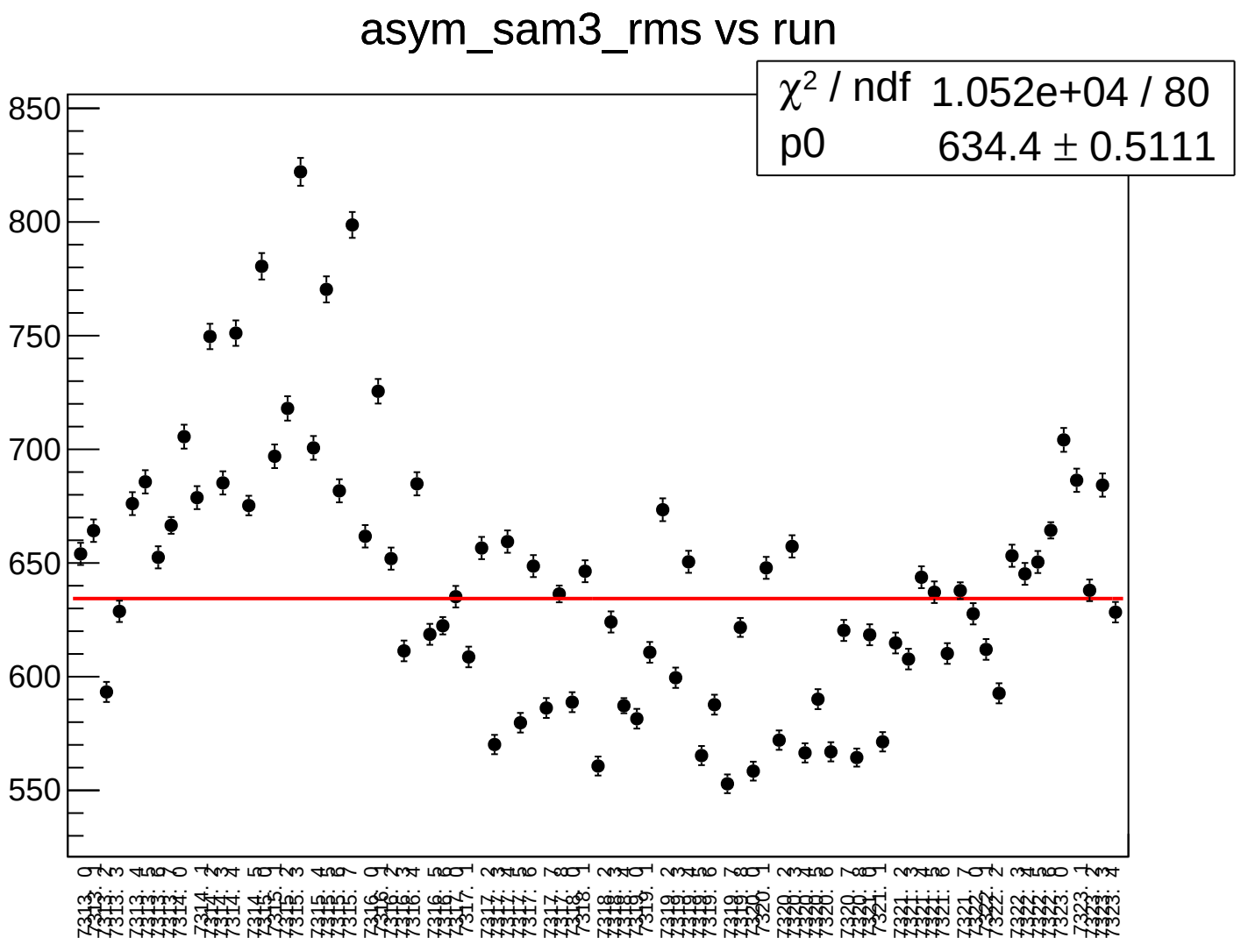

asym_sam3_correction_mean vs run
χ² / ndf 65.59 / 80
p0 −258.5 ± 712.2
pull
Entries 81
Mean −27.11
Std Dev 40.13

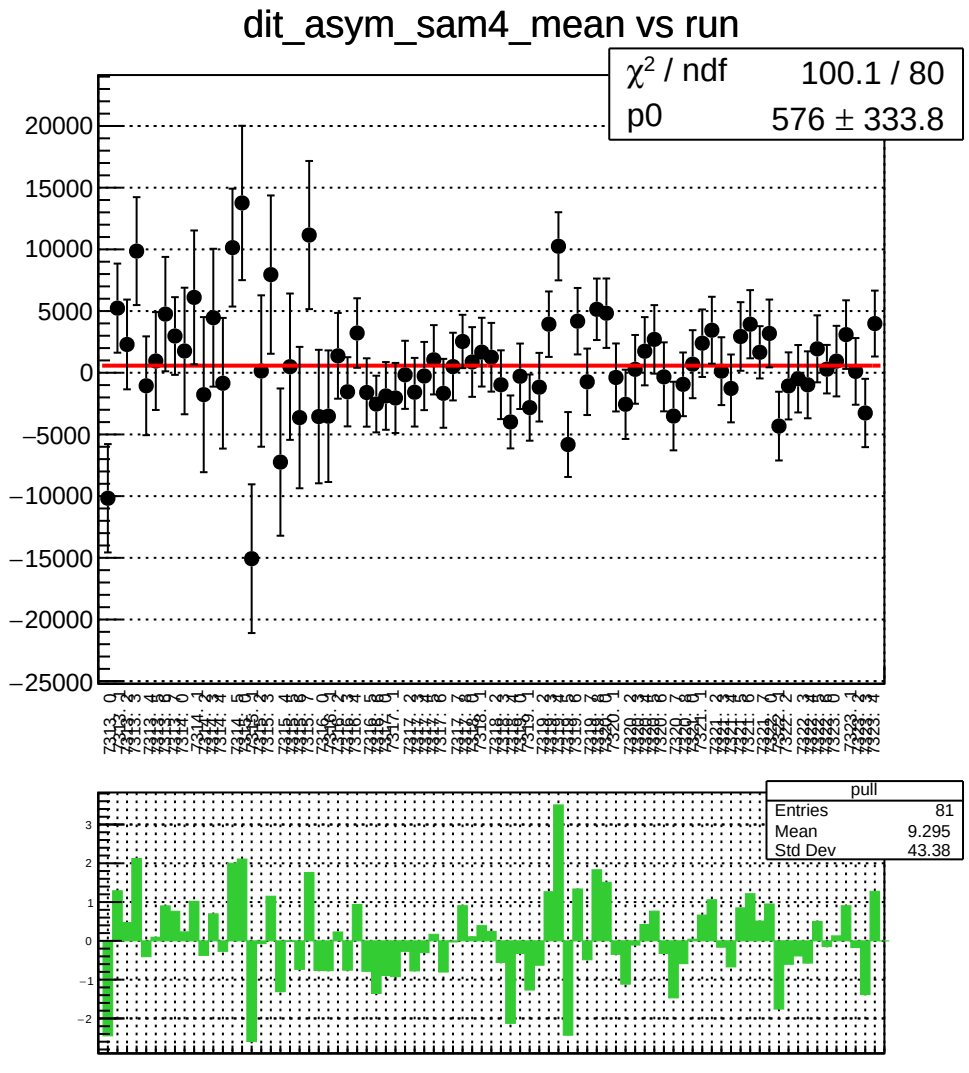

pull1D
Entries 81
Mean 0.01101
Std Dev 0.8998

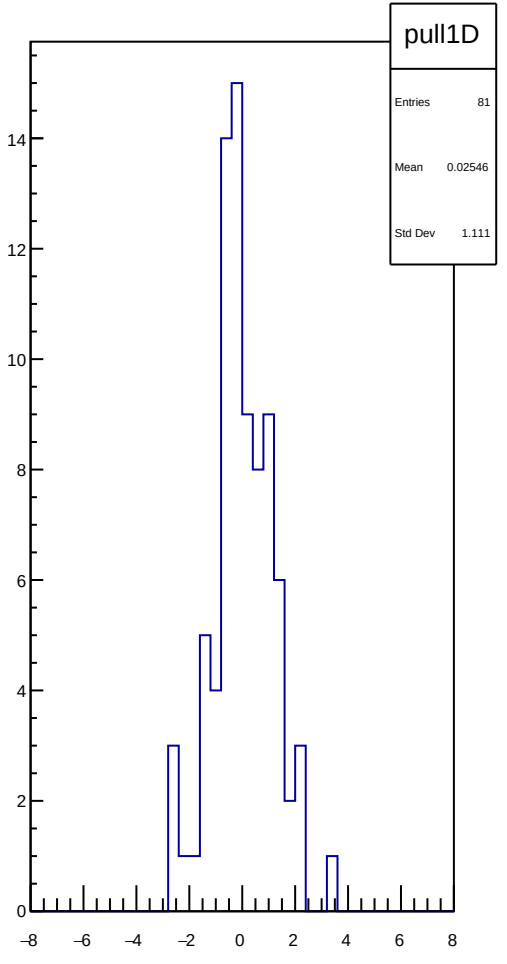

asym_sam3_correction_rms vs run
χ² / ndf 5260 / 80
p0 626 ± 0.5036
720
700
680
660
640
620
600
580
560
540
520

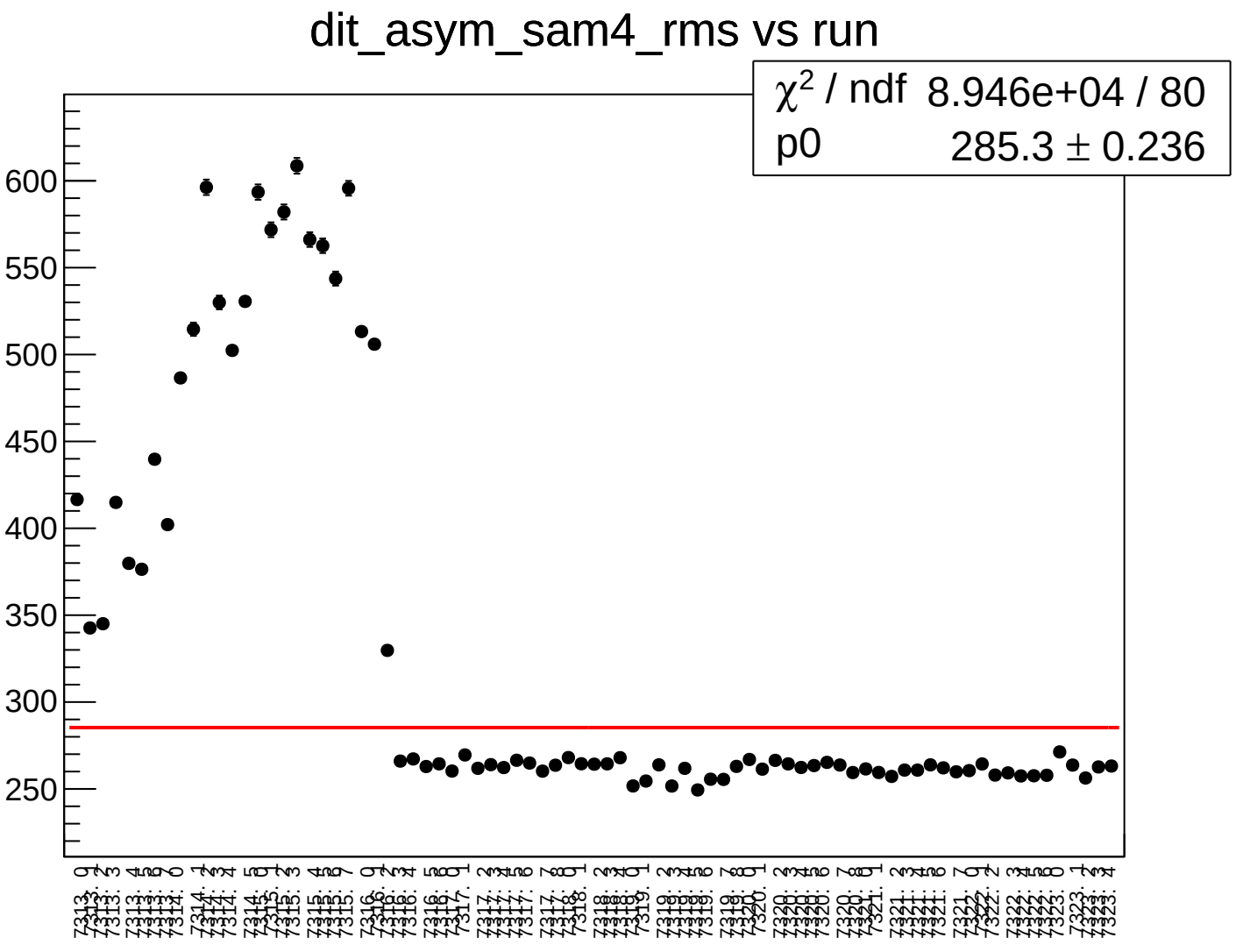

asym_sam3_mean vs run
χ² / ndf 62.63 / 80
p0 341.9 ± 722.9
pull
Entries 81
Mean 35.1
Std Dev 42.52

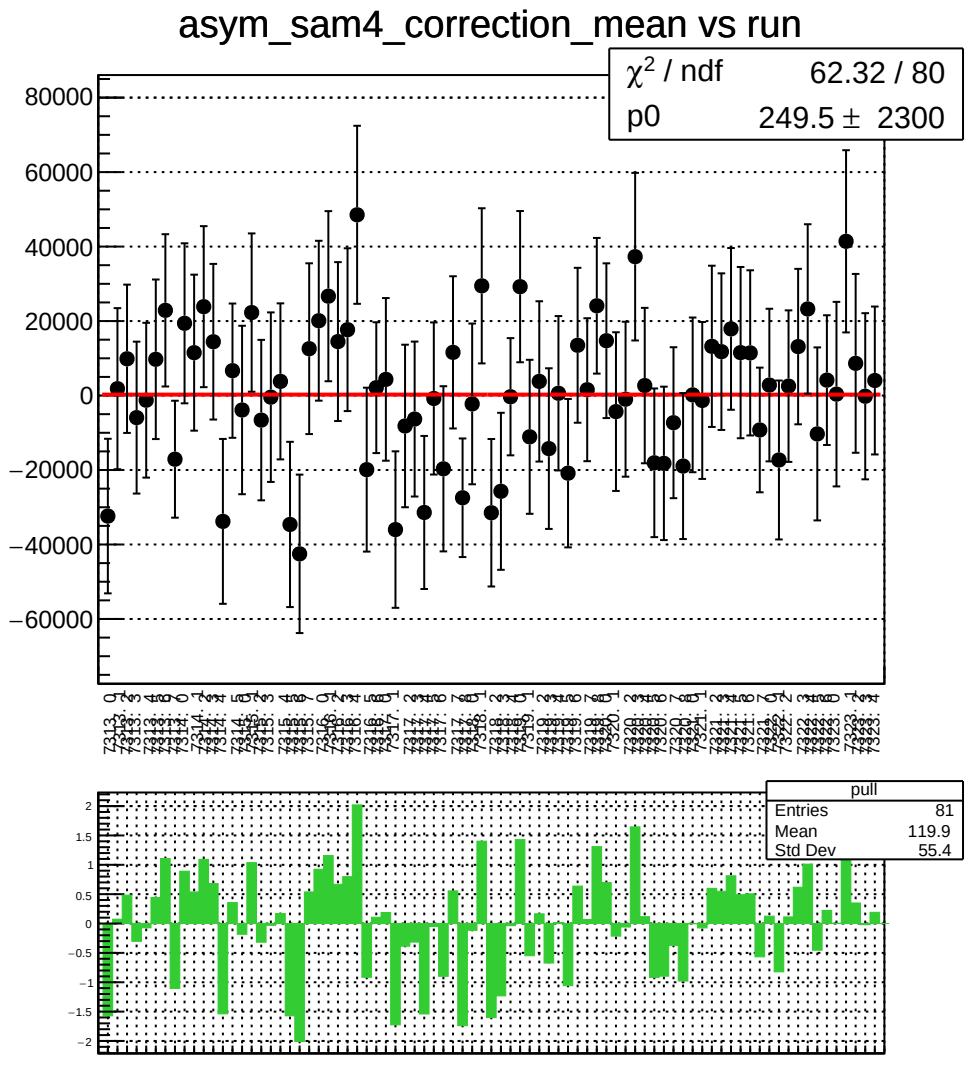

pull1D
Entries 81
Mean −0.01663
Std Dev 0.8792

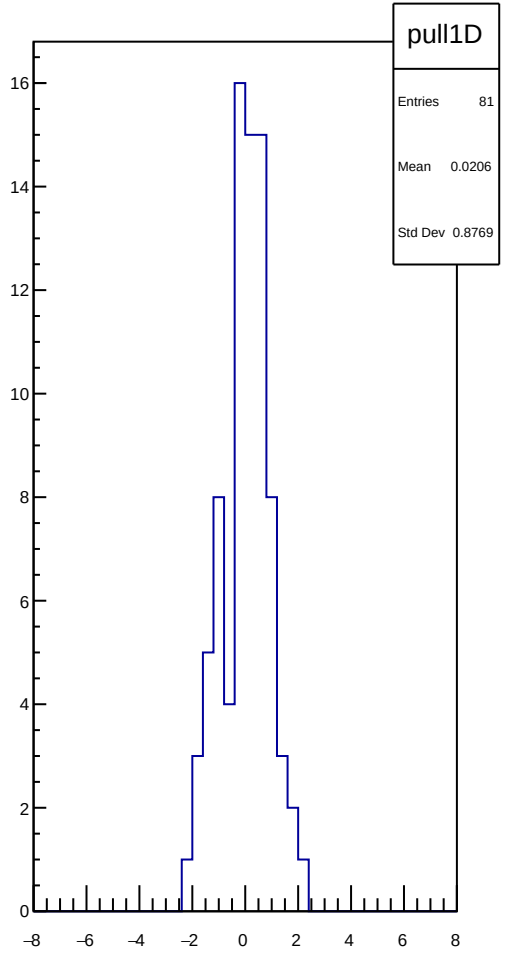

asym_sam3_rms vs run
χ² / ndf 1.052e+04 / 80
p0 634.4 ± 0.5111
850
800
750
700
650
600
550

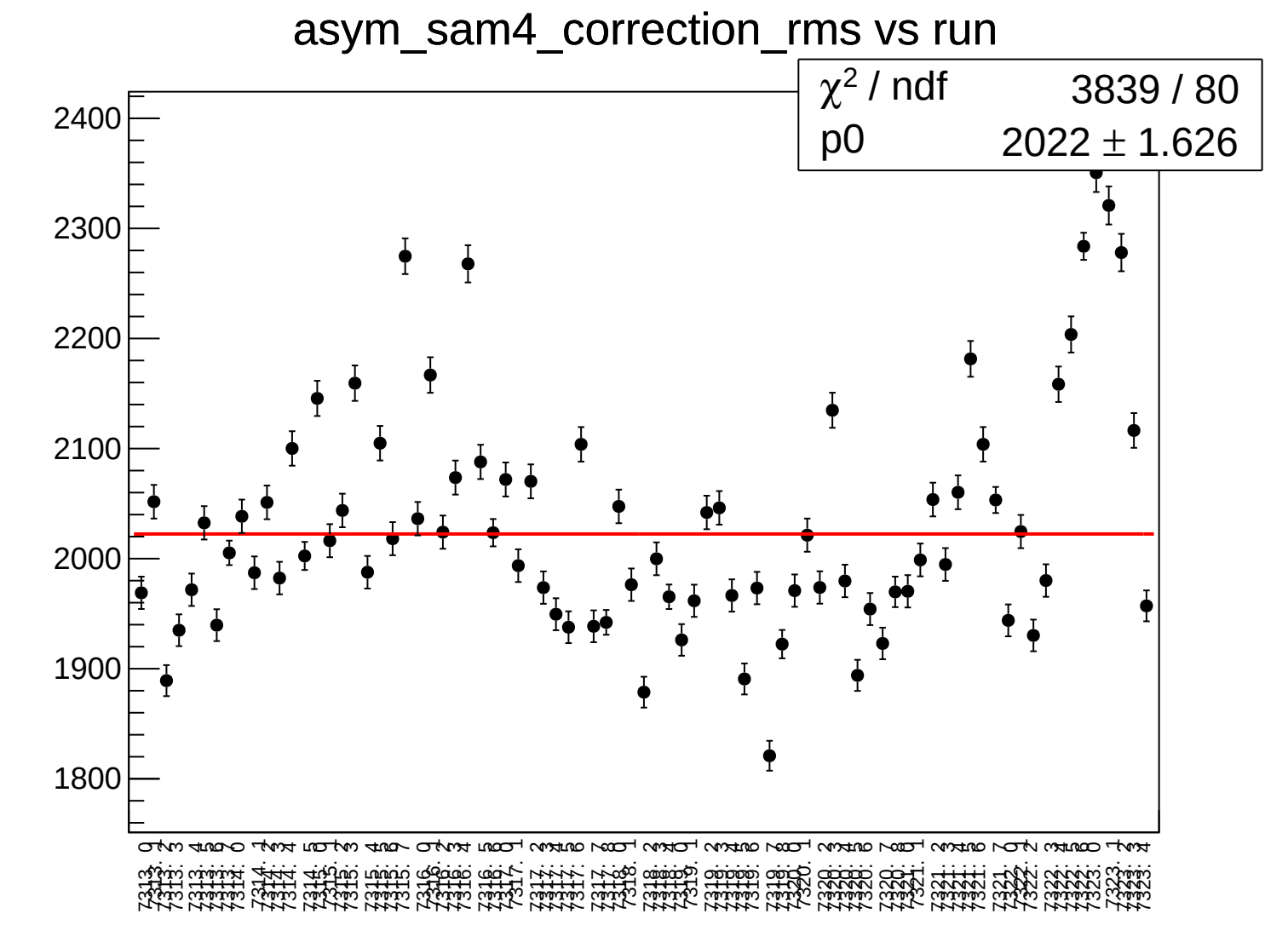

dit_asym_sam4_mean vs run
χ² / ndf 100.1 / 80
p0 576 ± 333.8
pull
Entries 81
Mean 9.295
Std Dev 43.38

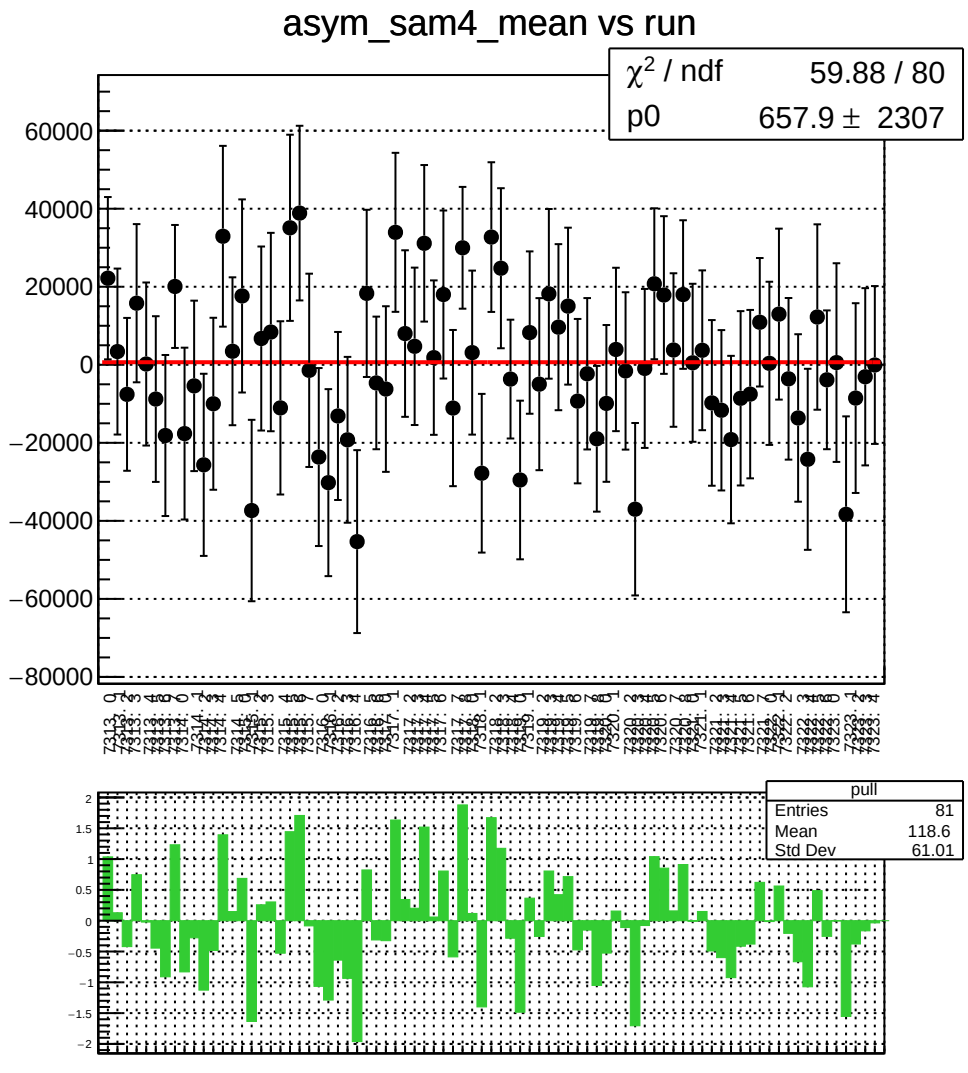

pull1D
Entries 81
Mean 0.02546
Std Dev 1.111

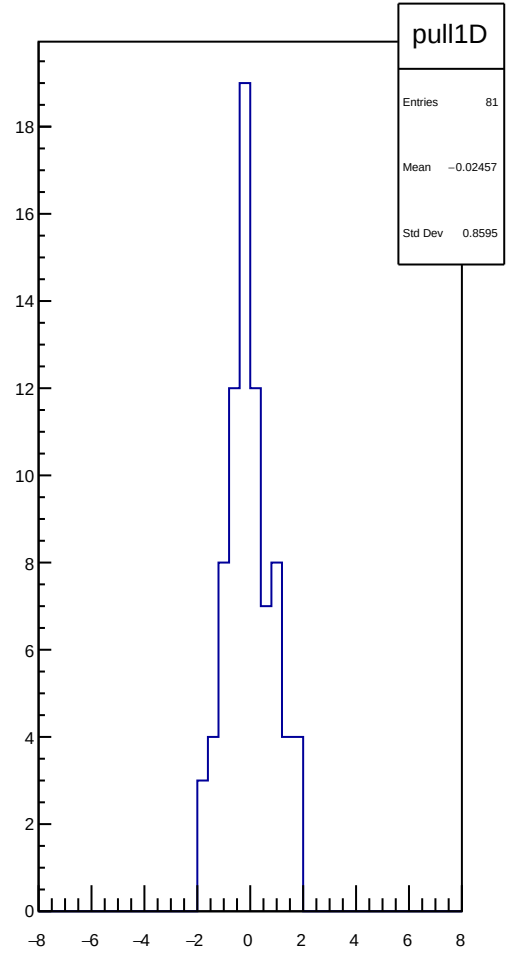

dit_asym_sam4_rms vs run
χ^2 / ndf 8.946e+04 / 80
p0 285.3 ± 0.236
600
550
500
450
400
350
300
250

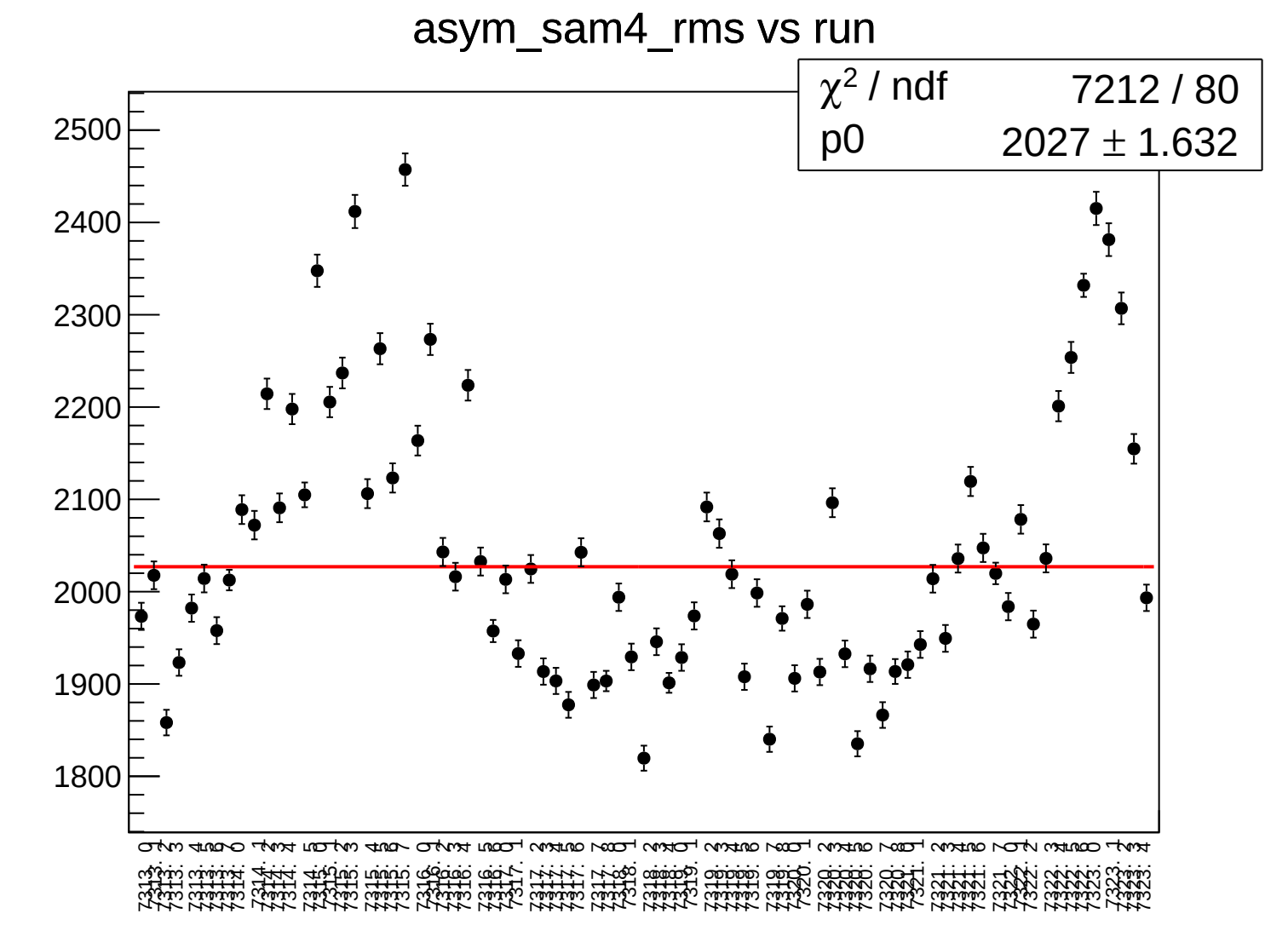

asym_sam4_correction_mean vs run
χ² / ndf 62.32 / 80
p0 249.5 ± 2300
80000
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 81
Mean 119.9
Std Dev 55.4
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

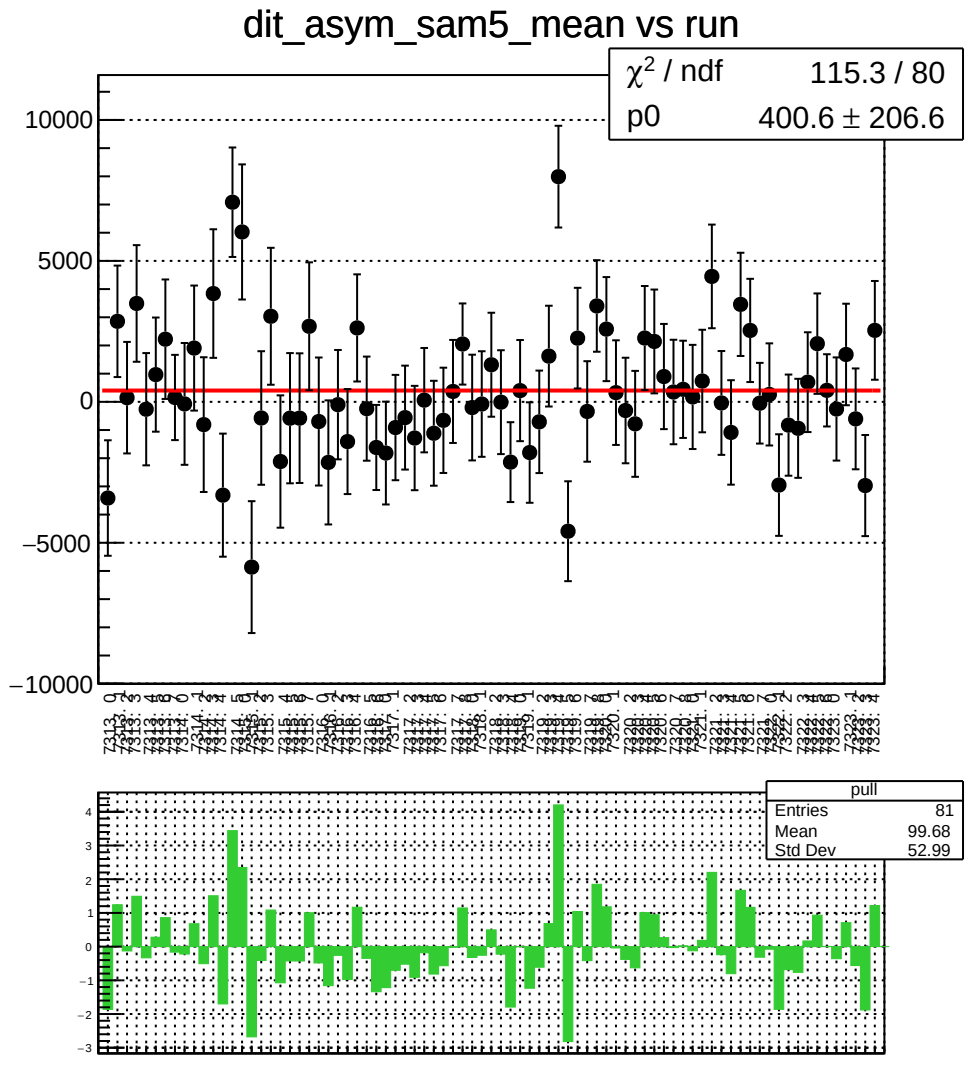

pull1D
Entries 81
Mean 0.0206
Std Dev 0.8769
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

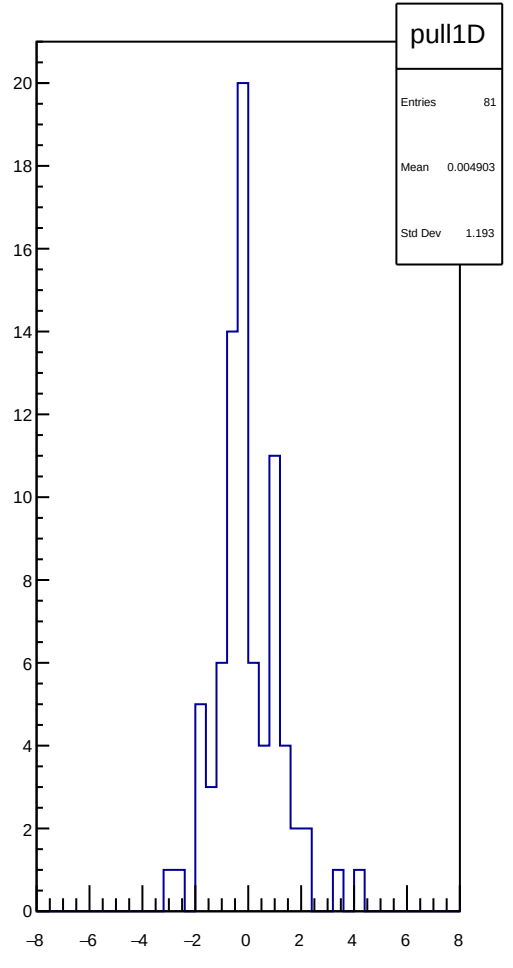

asym_sam4_correction_rms vs run
χ² / ndf 3839 / 80
p0 2022 ± 1.626
2400
2300
2200
2100
2000
1900
1800

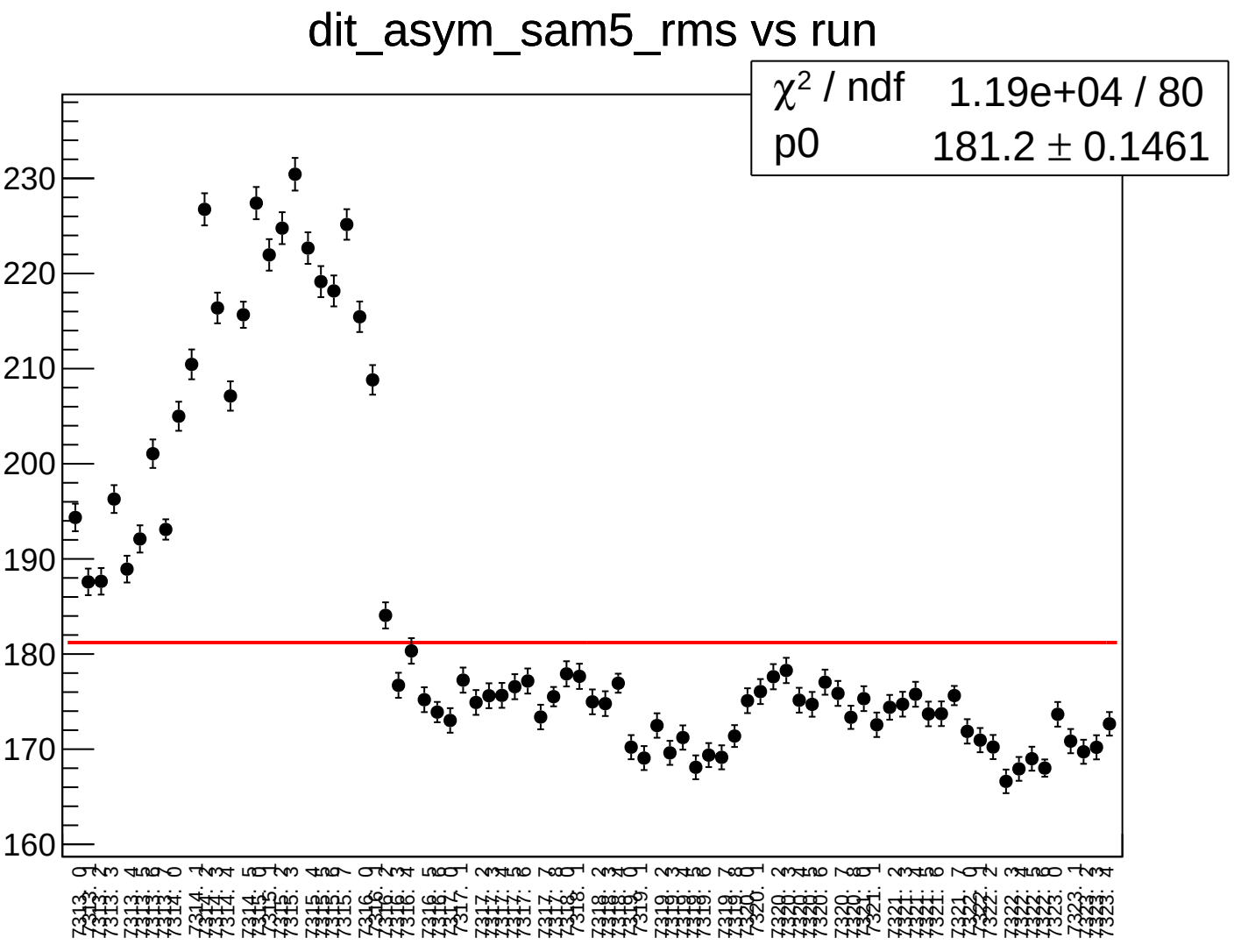

asym_sam4_mean vs run
χ² / ndf 59.88 / 80
p0 657.9 ± 2307
pull
Entries 81
Mean 118.6
Std Dev 61.01

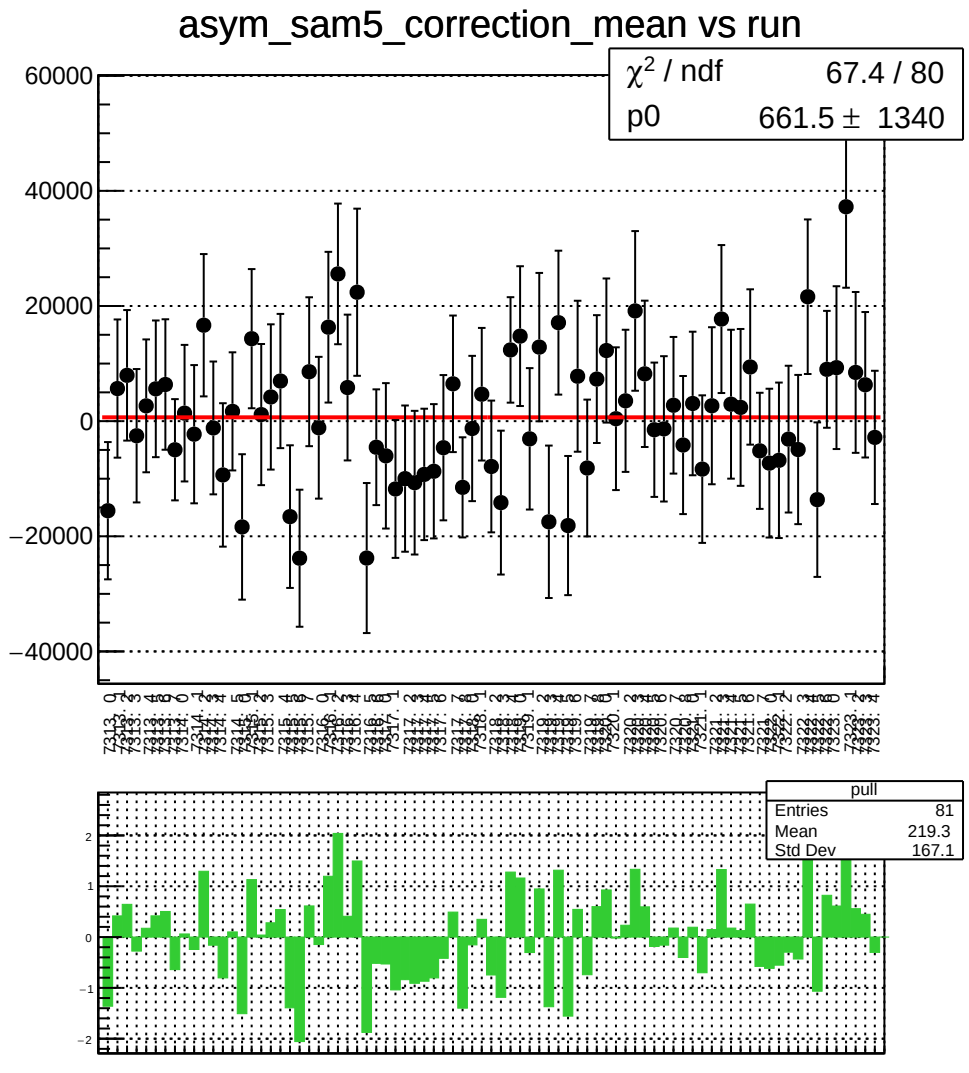

pull1D
Entries 81
Mean −0.02457
Std Dev 0.8595

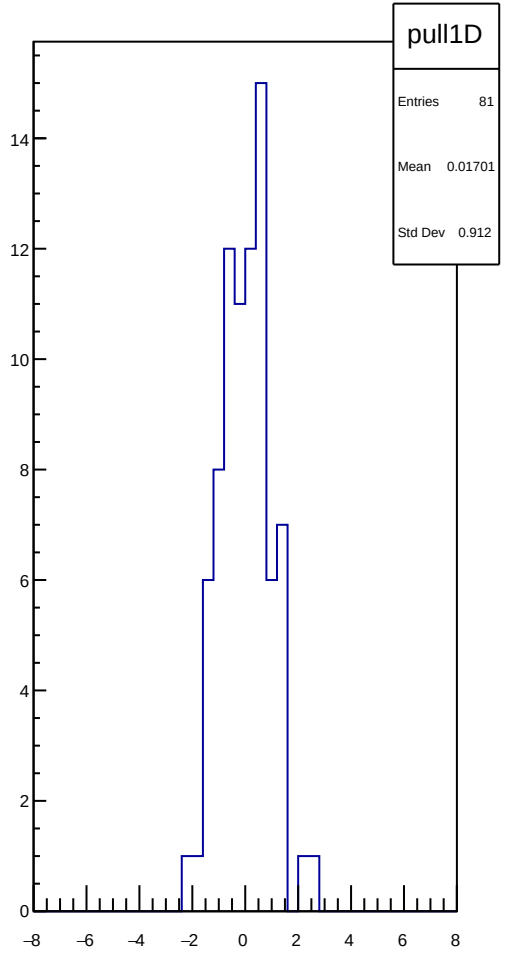

asym_sam4_rms vs run
χ² / ndf 7212 / 80
p0 2027 ± 1.632
2500
2400
2300
2200
2100
2000
1900
1800

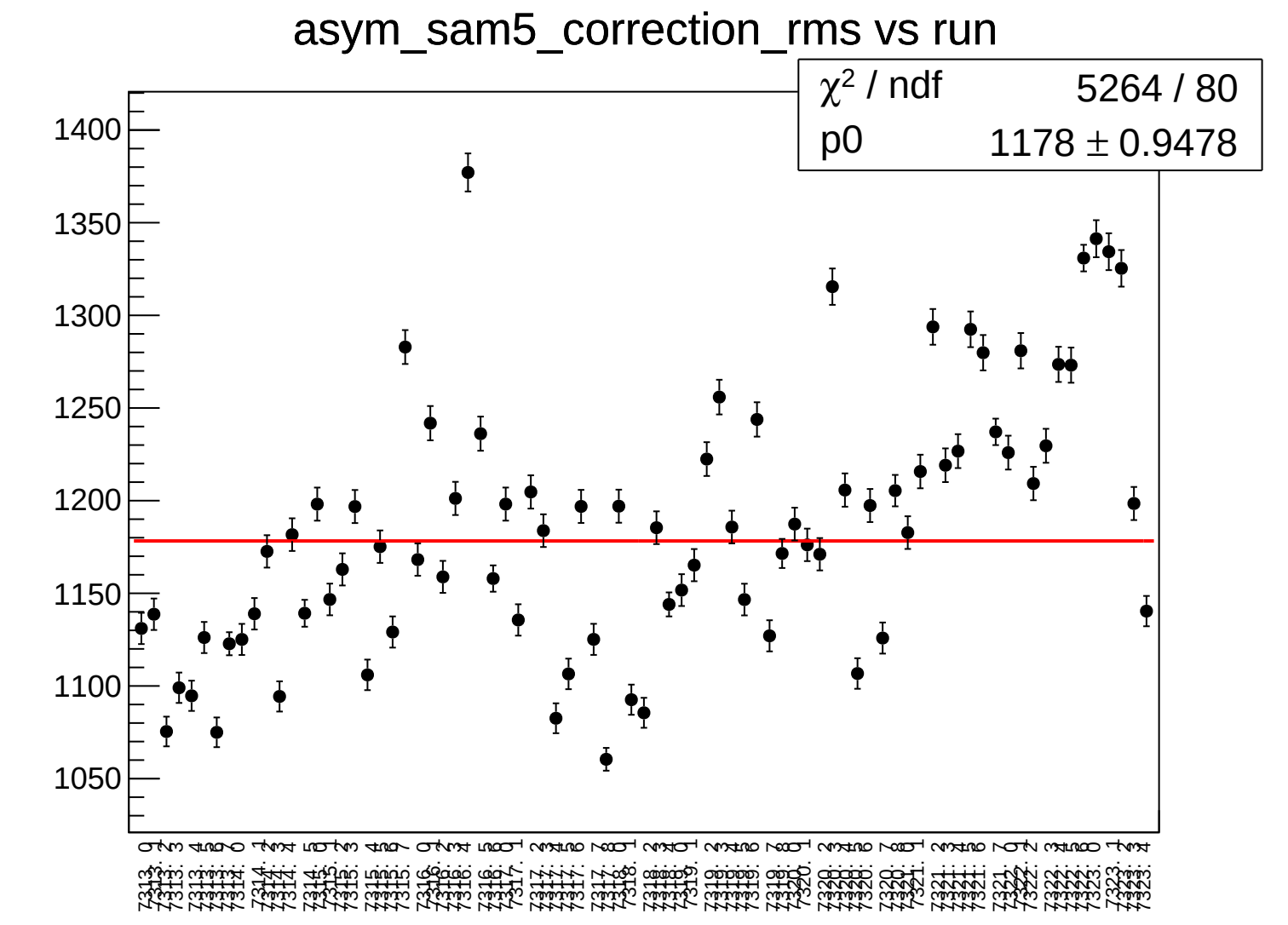

dit_asym_sam5_mean vs run
χ² / ndf 115.3 / 80
p0 400.6 ± 206.6
10000
5000
0
−5000
−10000
pull
Entries 81
Mean 99.68
Std Dev 52.99
4
3
2
1
0
−1
−2
−3

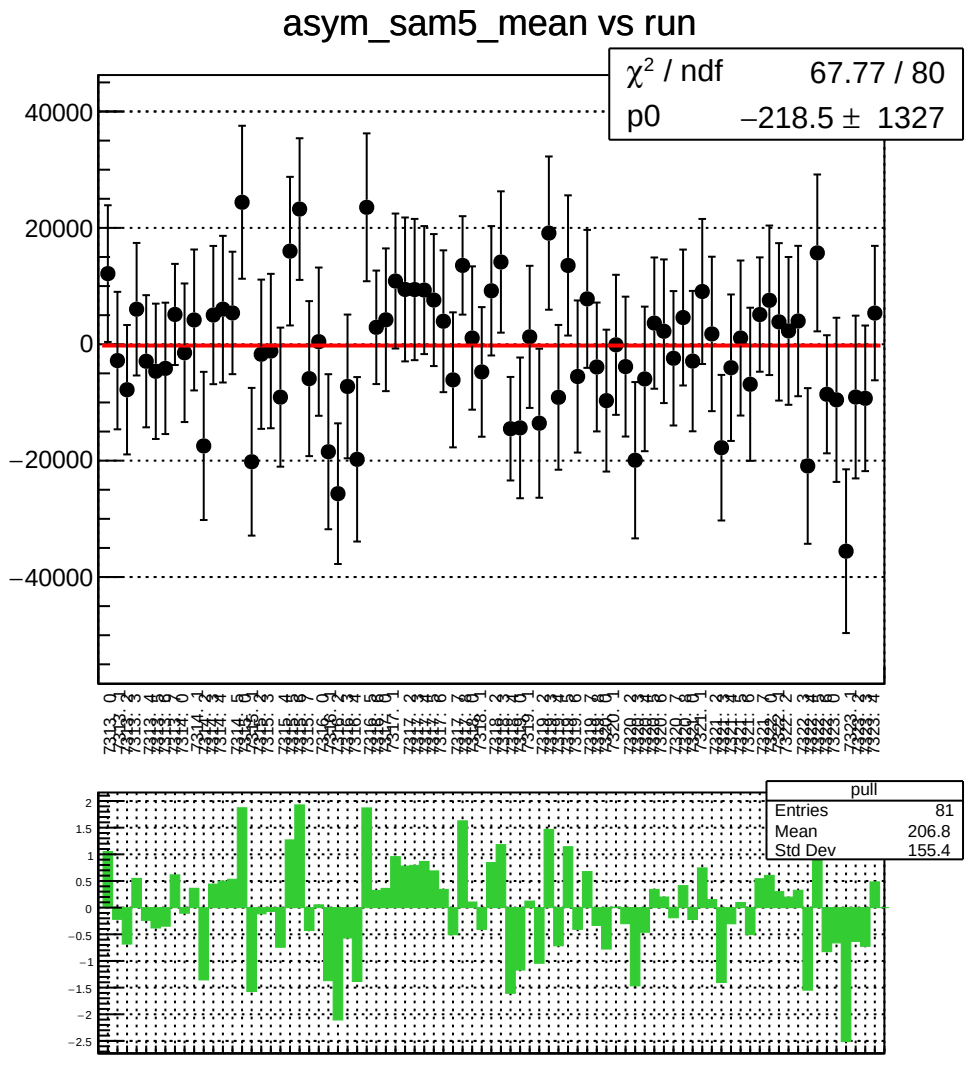

pull1D
Entries 81
Mean 0.004903
Std Dev 1.193
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

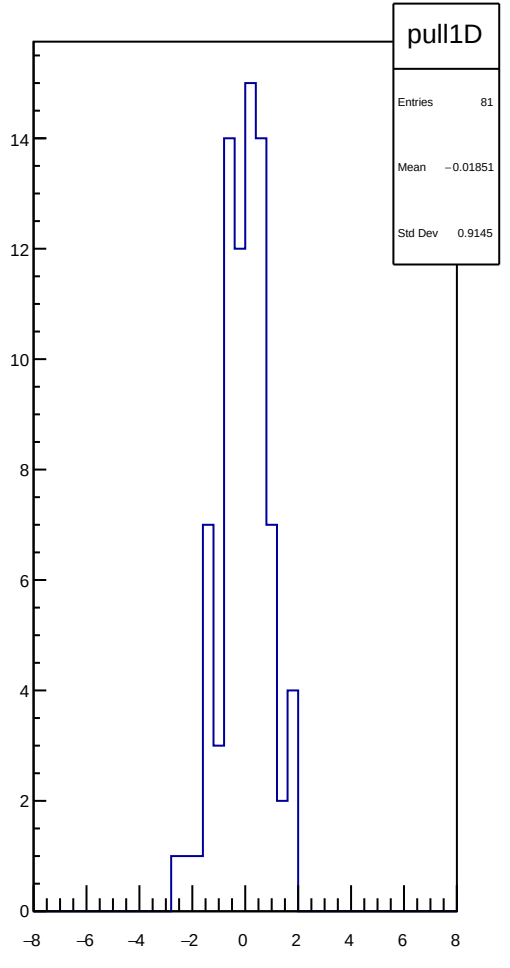

dit_asym_sam5_rms vs run
χ² / ndf 1.19e+04 / 80
p0 181.2 ± 0.1461
230
220
210
200
190
180
170
160

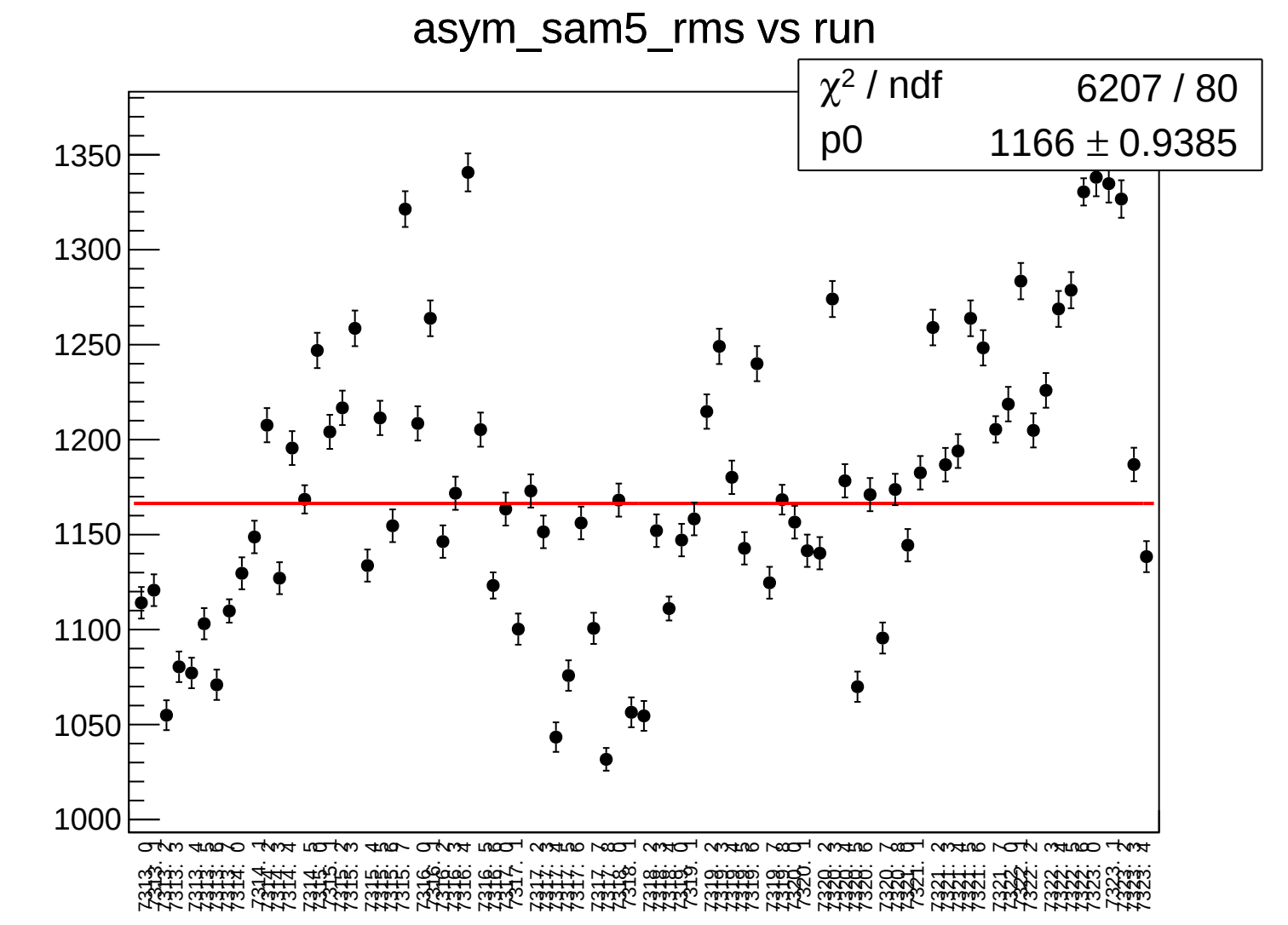

asym_sam5_correction_mean vs run
χ² / ndf 67.4 / 80
p0 661.5 ± 1340
pull
Entries 81
Mean 219.3
Std Dev 167.1

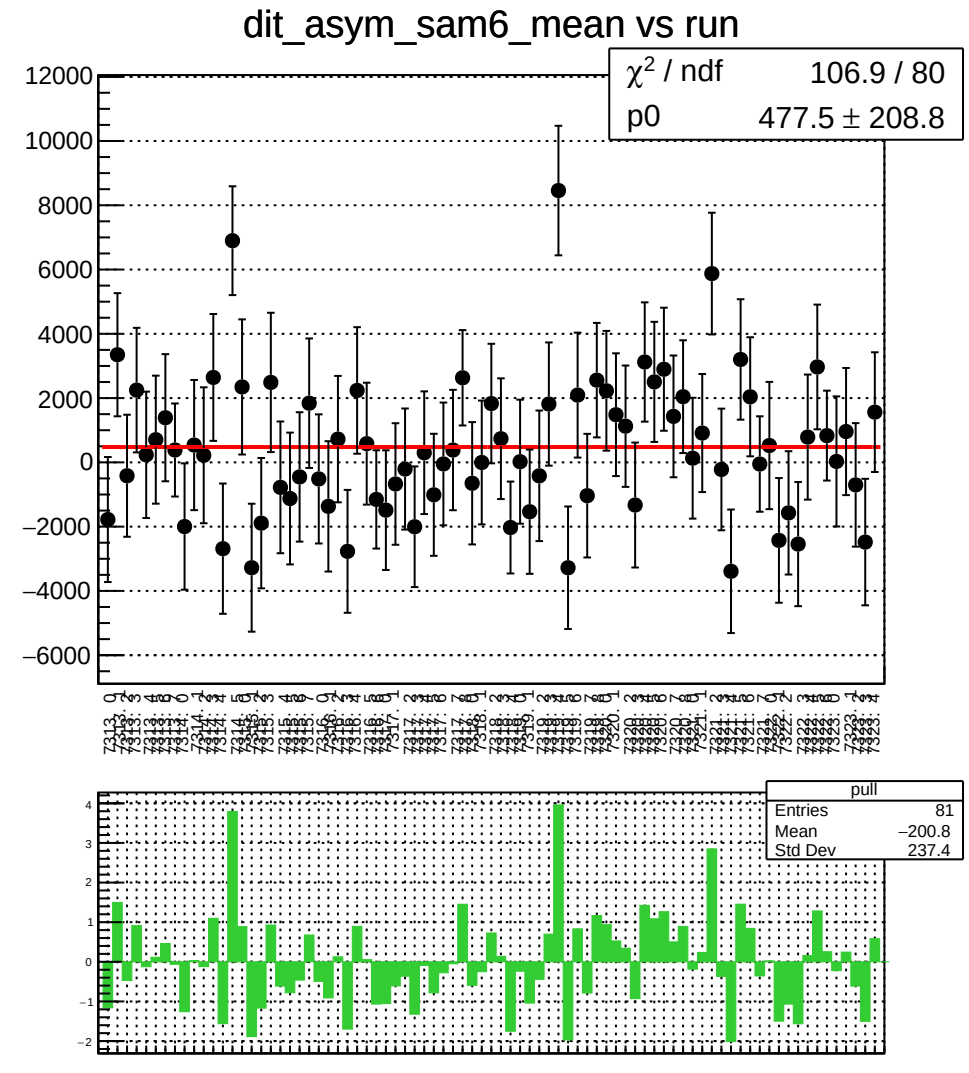

pull1D
Entries 81
Mean 0.01701
Std Dev 0.912

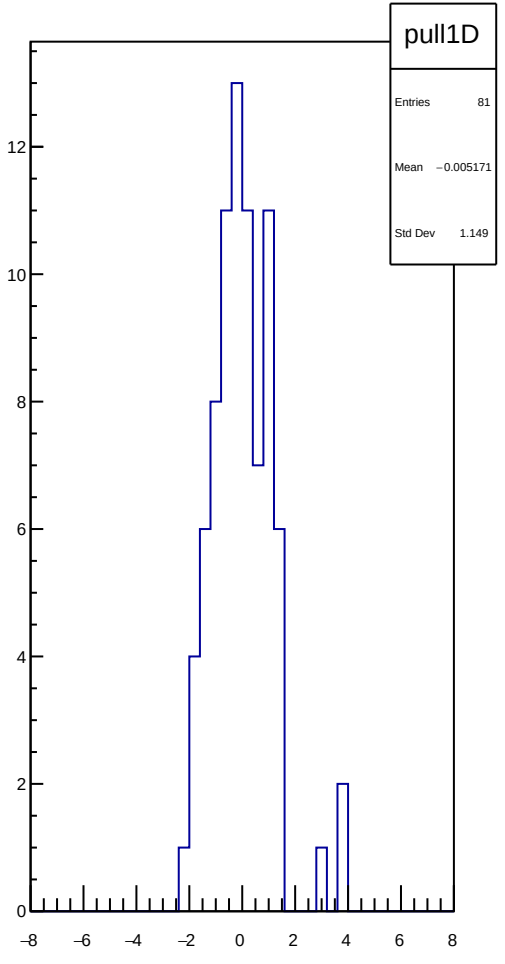

asym_sam5_correction_rms vs run
χ² / ndf 5264 / 80
p0 1178 ± 0.9478
1400
1350
1300
1250
1200
1150
1100
1050

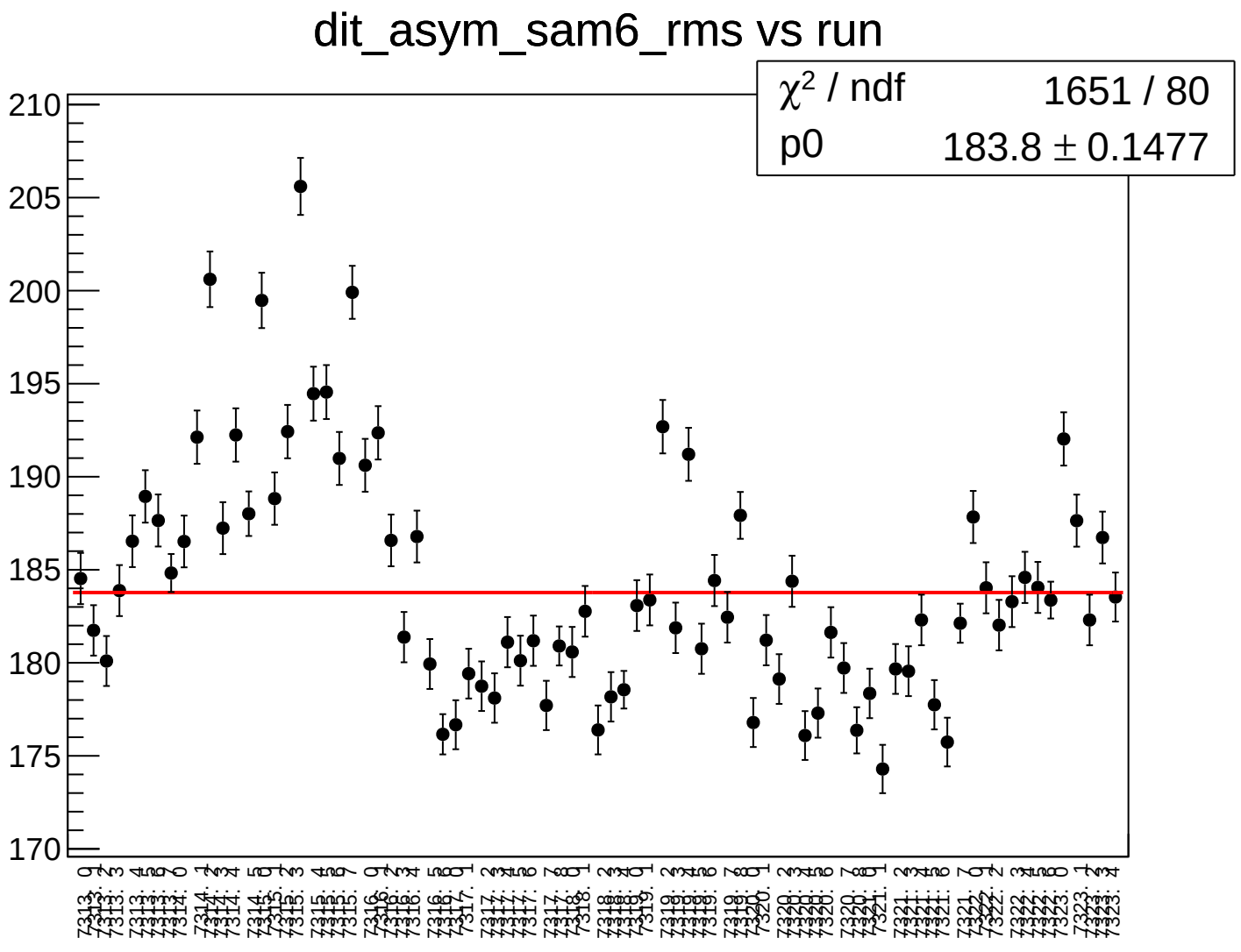

asym_sam5_mean vs run
χ² / ndf 67.77 / 80
p0 −218.5 ± 1327
40000
20000
0
−20000
−40000
pull
Entries 81
Mean 206.8
Std Dev 155.4
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

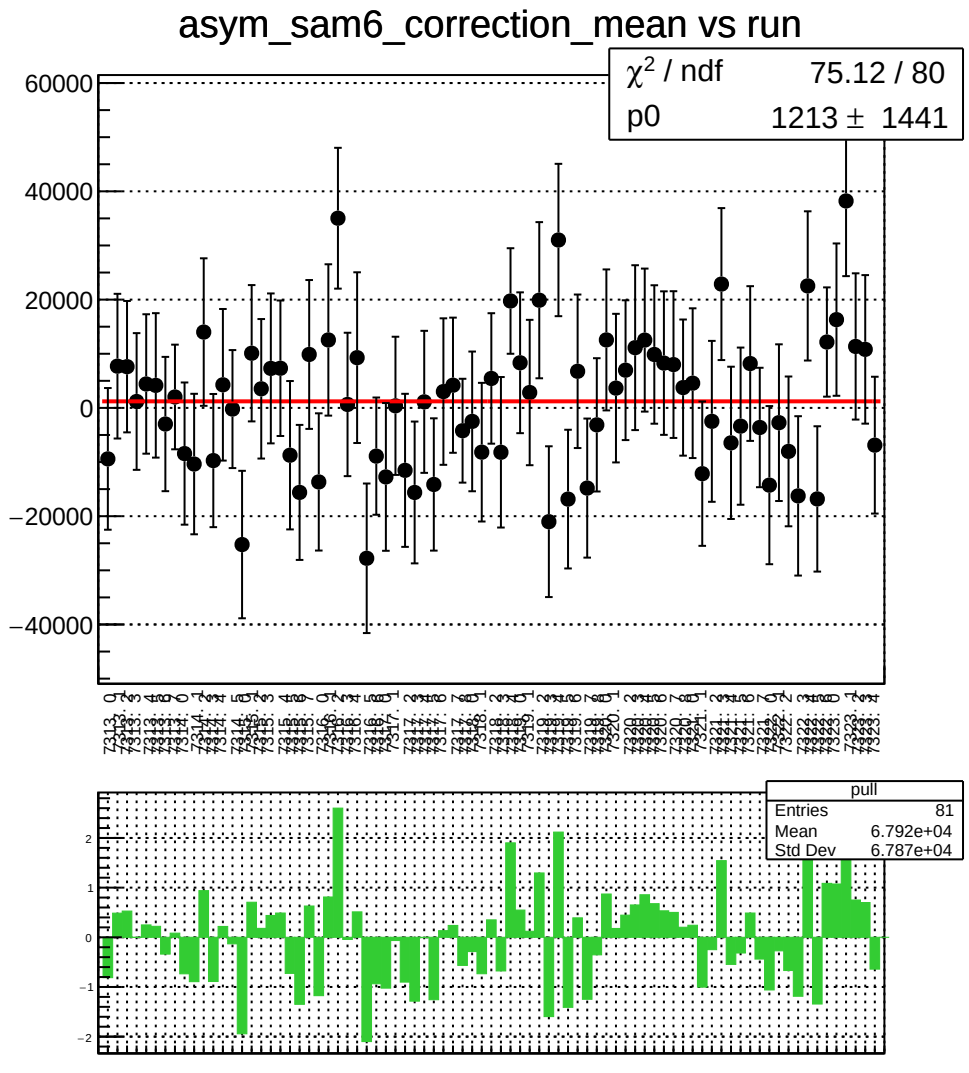

pull1D
Entries 81
Mean −0.01851
Std Dev 0.9145
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

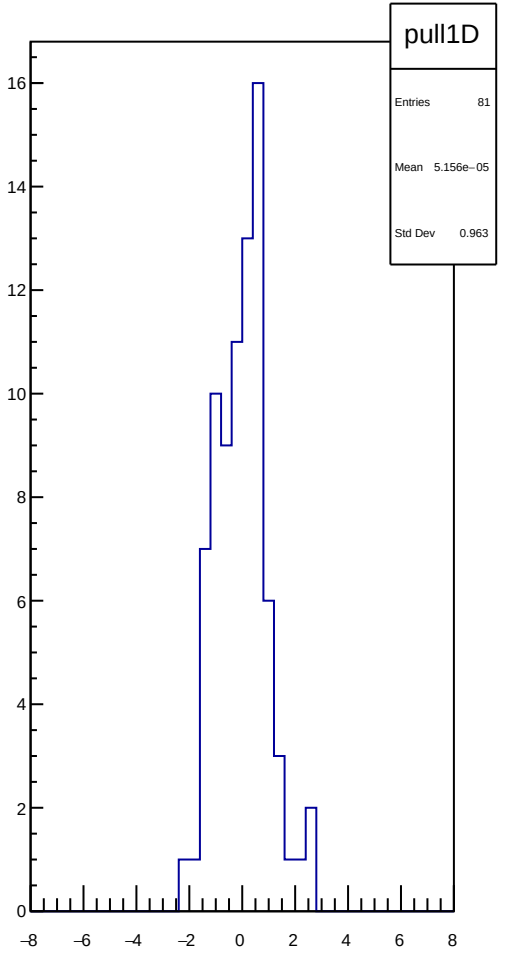

asym_sam5_rms vs run
χ² / ndf 6207 / 80
p0 1166 ± 0.9385
1350
1300
1250
1200
1150
1100
1050
1000

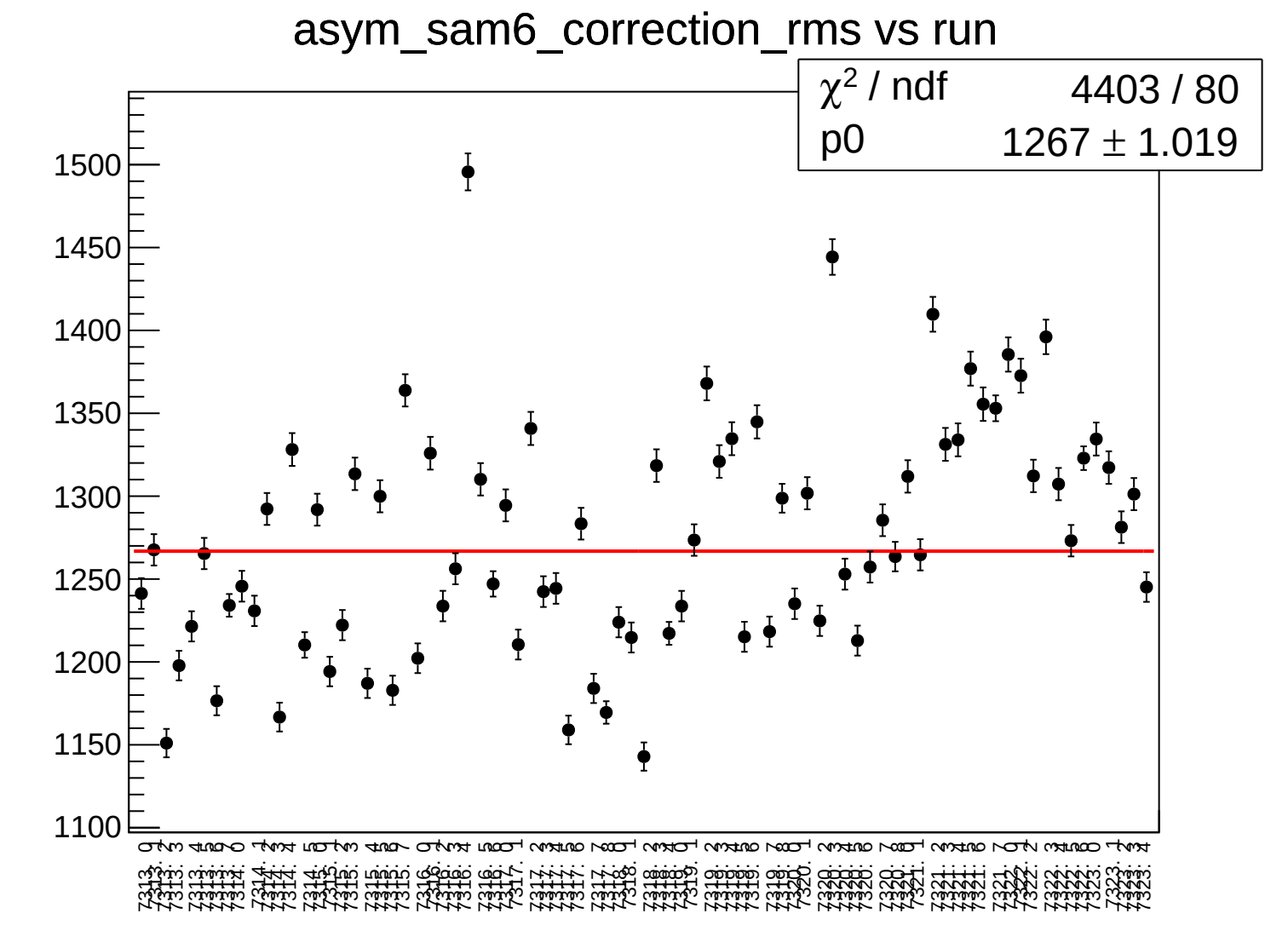

dit_asym_sam6_mean vs run
χ² / ndf 106.9 / 80
p0 477.5 ± 208.8
pull
Entries 81
Mean −200.8
Std Dev 237.4

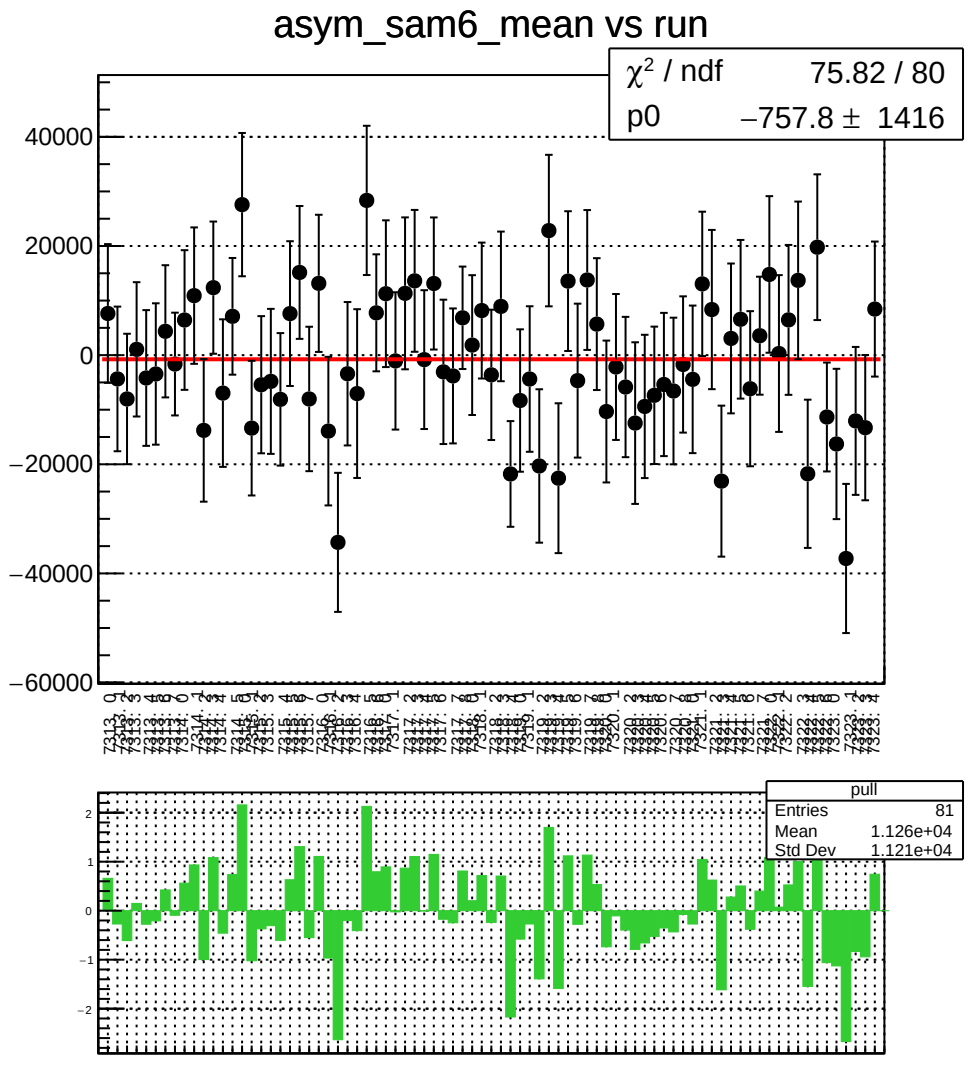

pull1D
Entries 81
Mean −0.005171
Std Dev 1.149

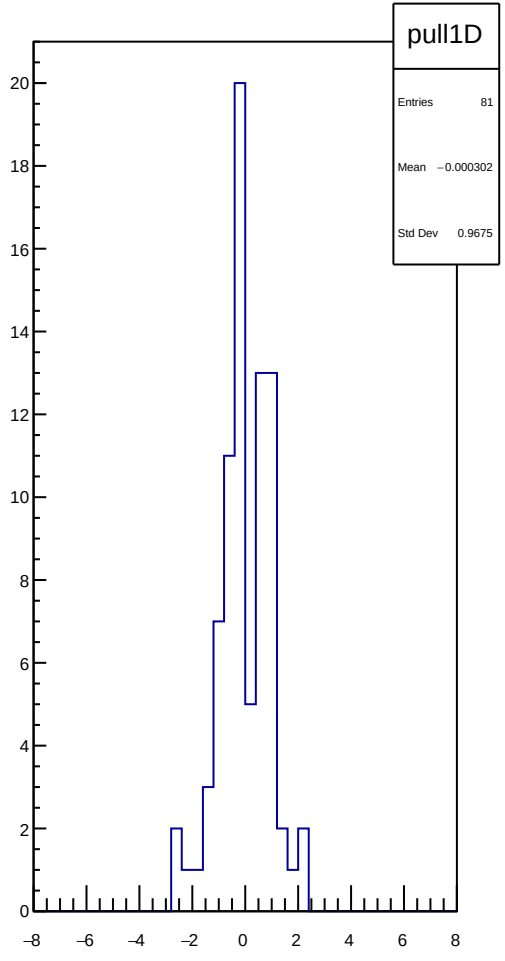

dit_asym_sam6_rms vs run
χ² / ndf 1651 / 80
p0 183.8 ± 0.1477
210
205
200
195
190
185
180
175
170

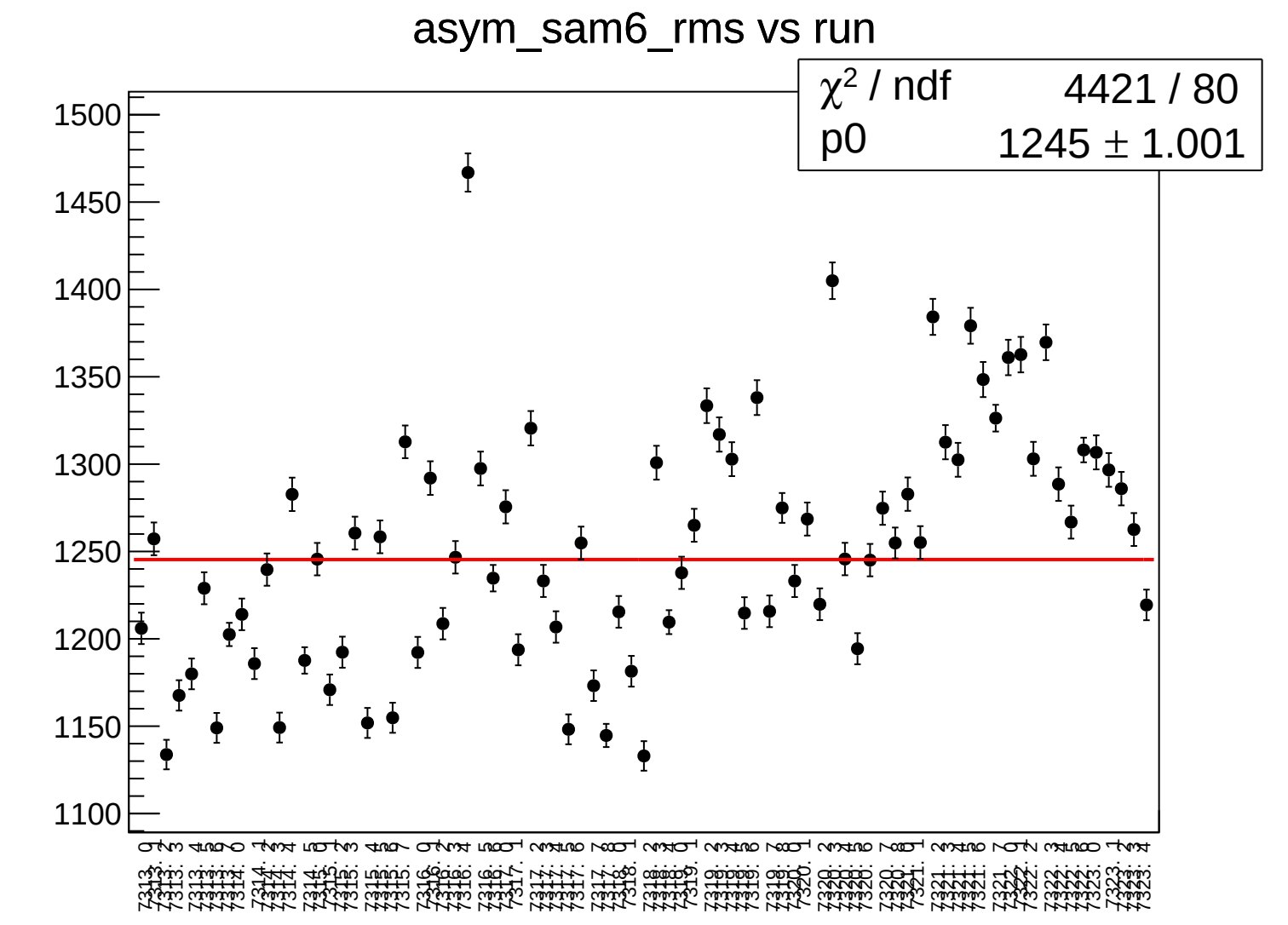

asym_sam6_correction_mean vs run
χ² / ndf 75.12 / 80
p0 1213 ± 1441
60000
40000
20000
0
−20000
−40000
pull
Entries 81
Mean 6.792e+04
Std Dev 6.787e+04
2
1
0
−1
−2

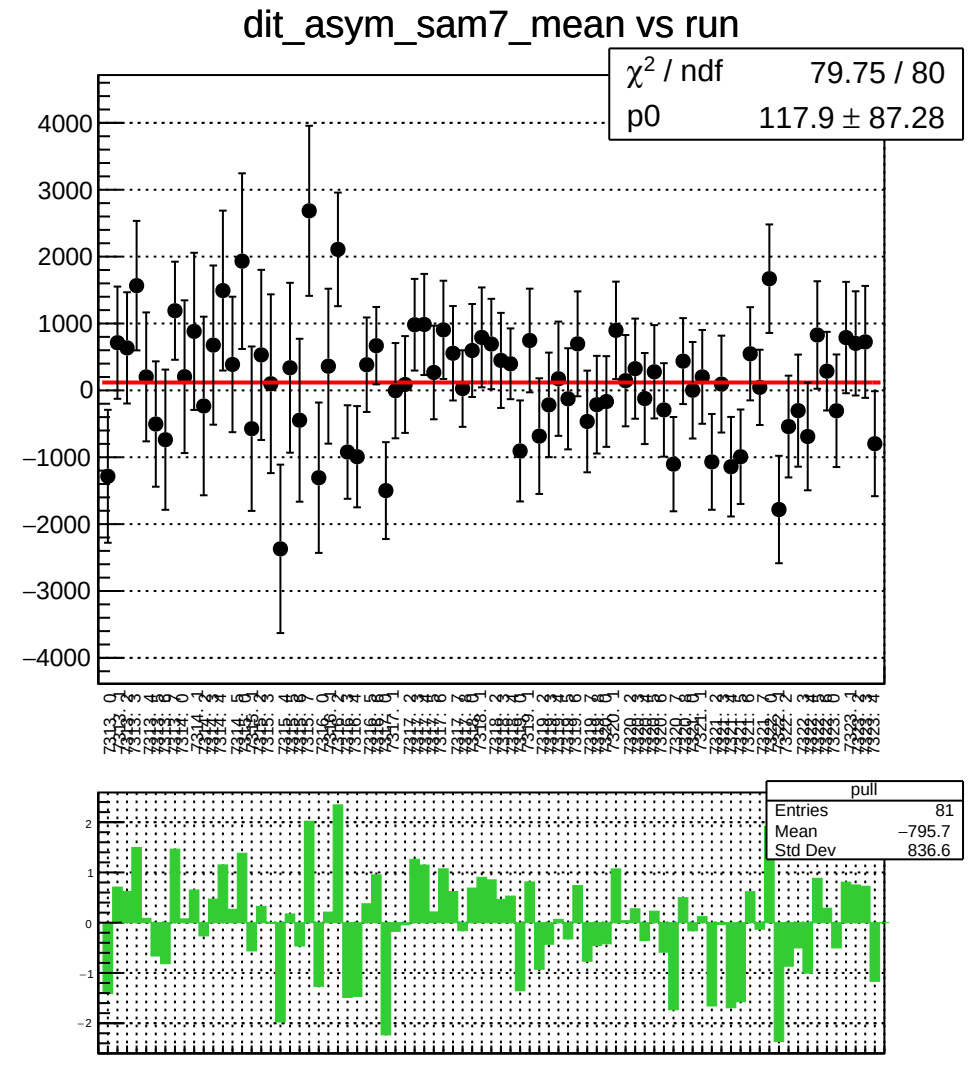

pull1D
Entries 81
Mean 5.156e−05
Std Dev 0.963
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

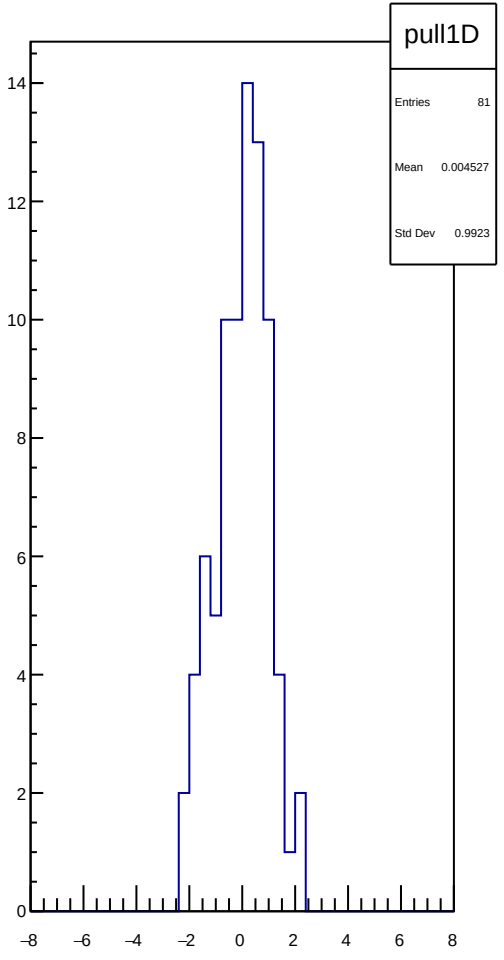

asym_sam6_correction_rms vs run
χ² / ndf 4403 / 80
p0 1267 ± 1.019
1500
1450
1400
1350
1300
1250
1200
1150
1100

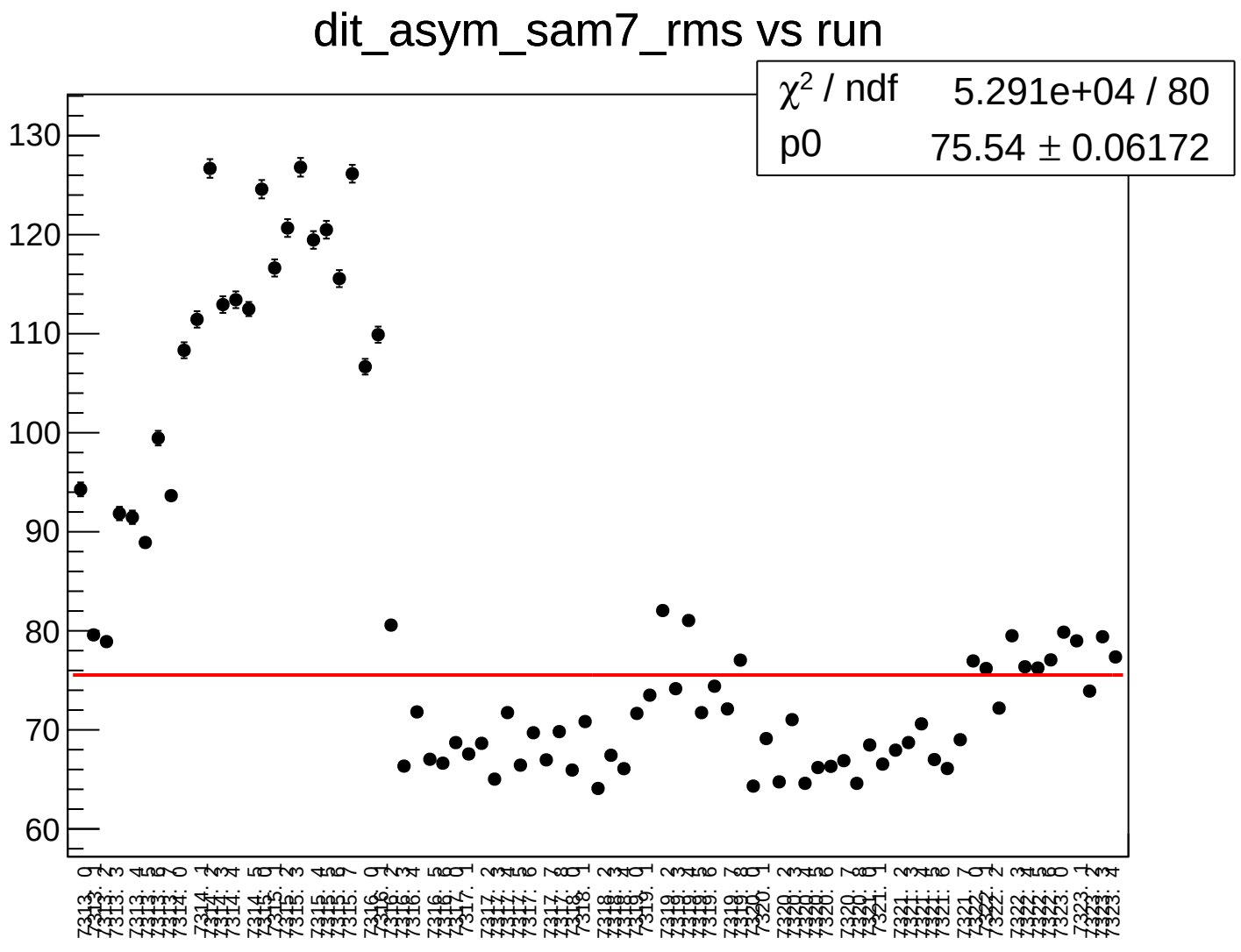

asym_sam6_mean vs run
χ² / ndf 75.82 / 80
p0 −757.8 ± 1416
pull
Entries 81
Mean 1.126e+04
Std Dev 1.121e+04

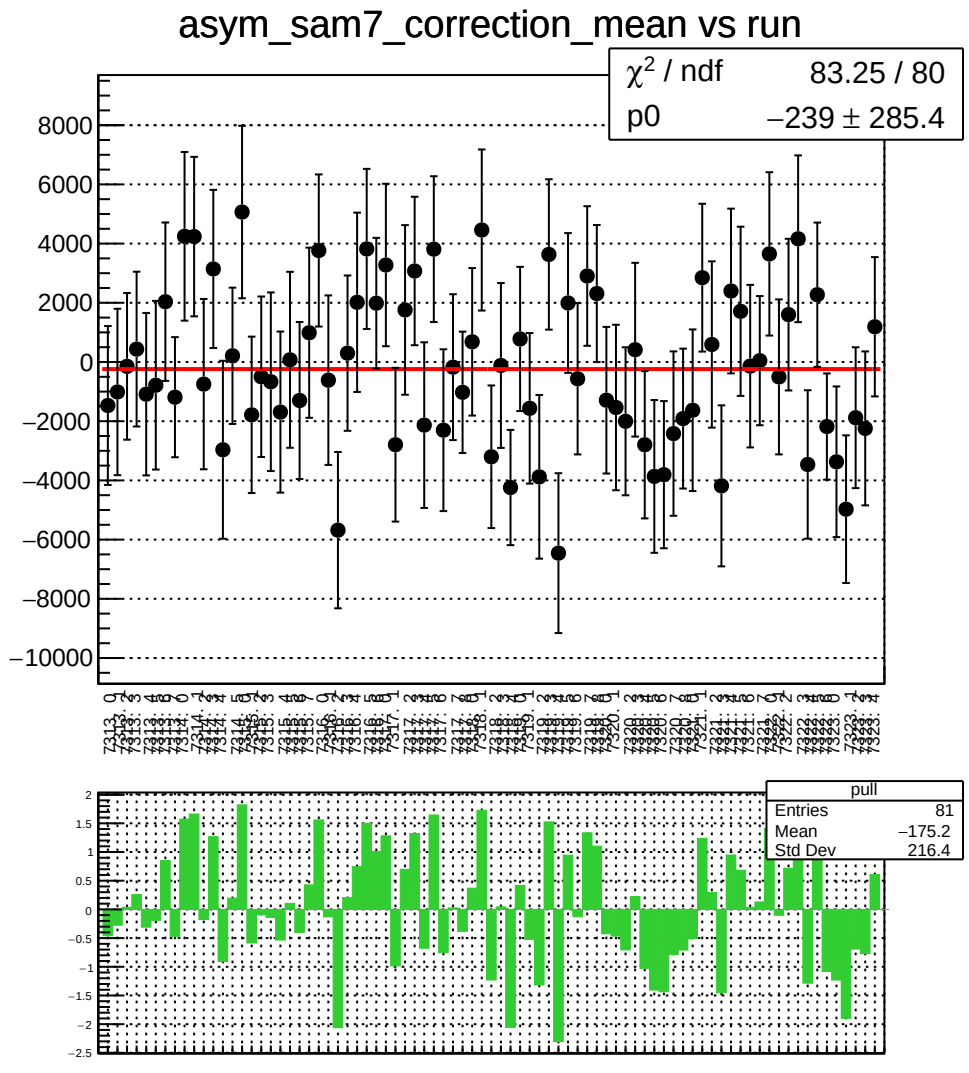

pull1D
Entries 81
Mean −0.000302
Std Dev 0.9675

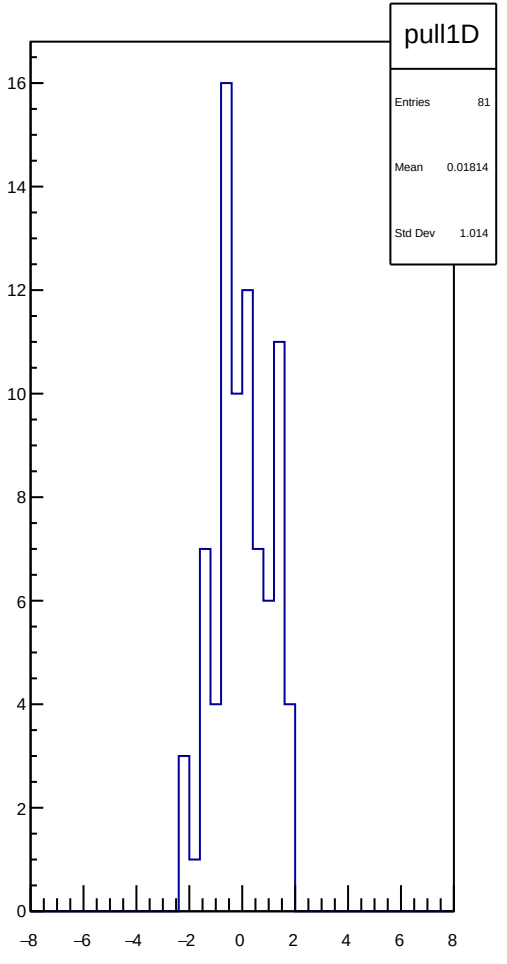

asym_sam6_rms vs run
χ² / ndf 4421 / 80
p0 1245 ± 1.001
1500
1450
1400
1350
1300
1250
1200
1150
1100

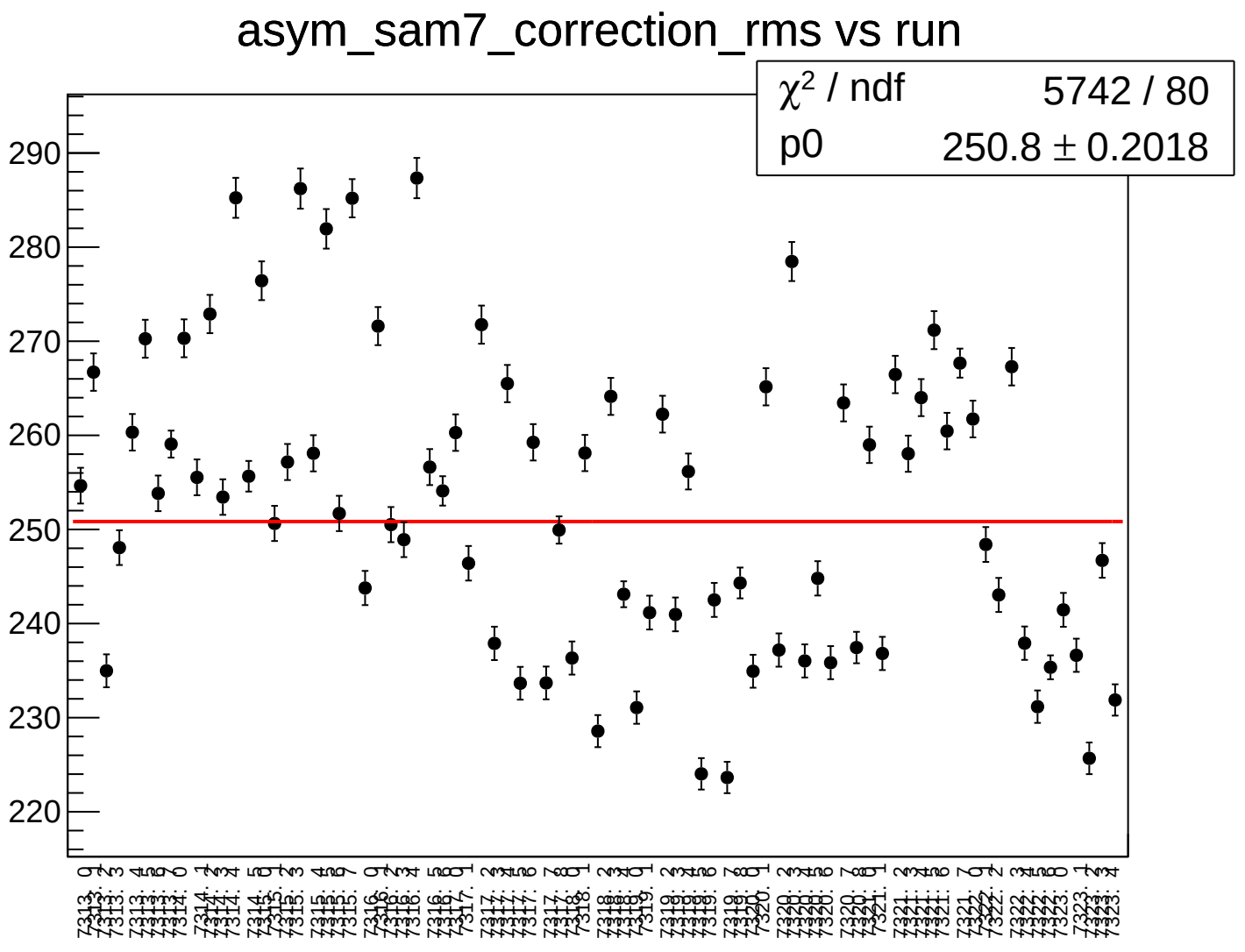

dit_asym_sam7_mean vs run
χ² / ndf 79.75 / 80
p0 117.9 ± 87.28
pull
Entries 81
Mean −795.7
Std Dev 836.6

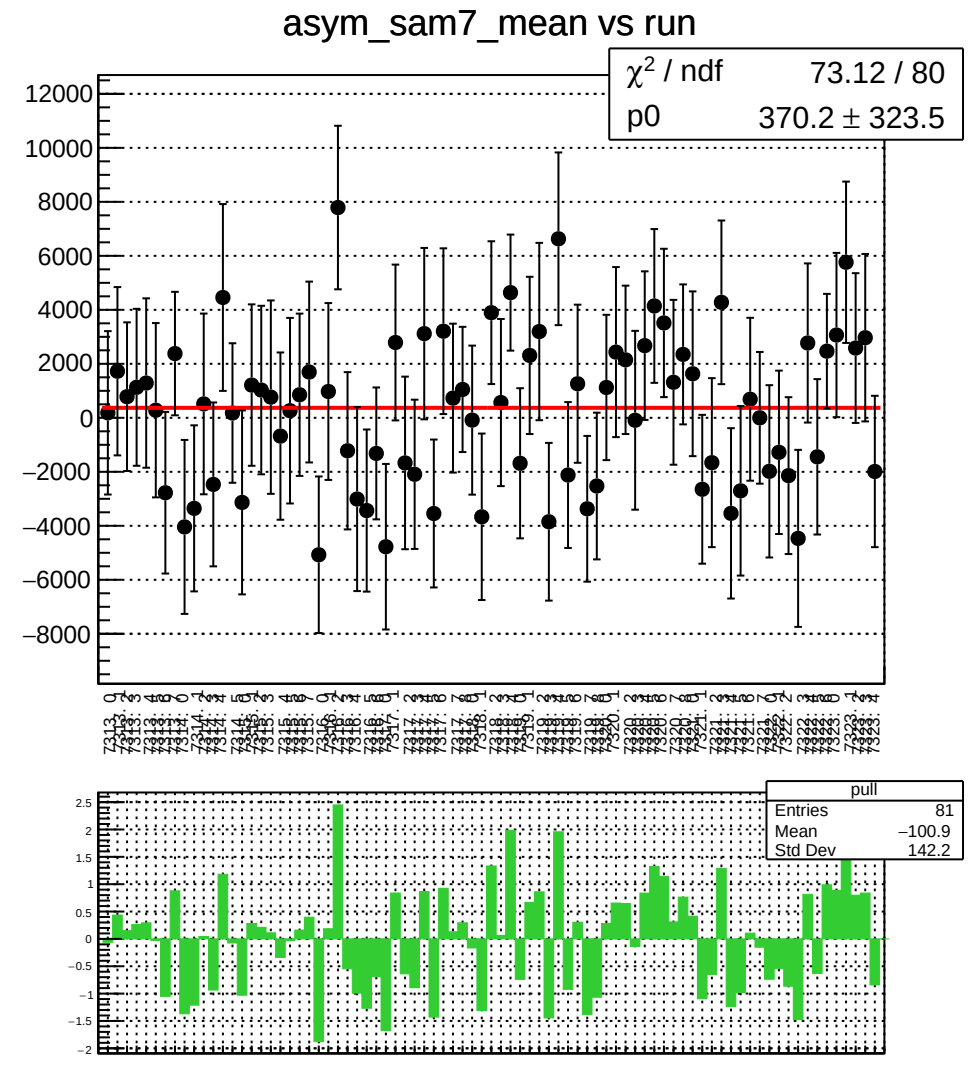

pull1D
Entries 81
Mean 0.004527
Std Dev 0.9923

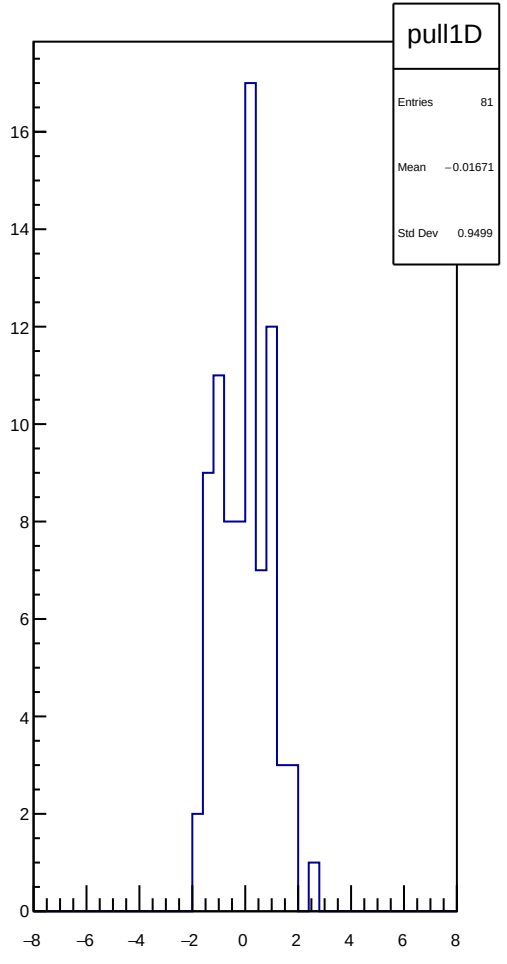

dit_asym_sam7_rms vs run
χ^2 / ndf 5.291e+04 / 80
p0 75.54 ± 0.06172
130
120
110
100
90
80
70
60

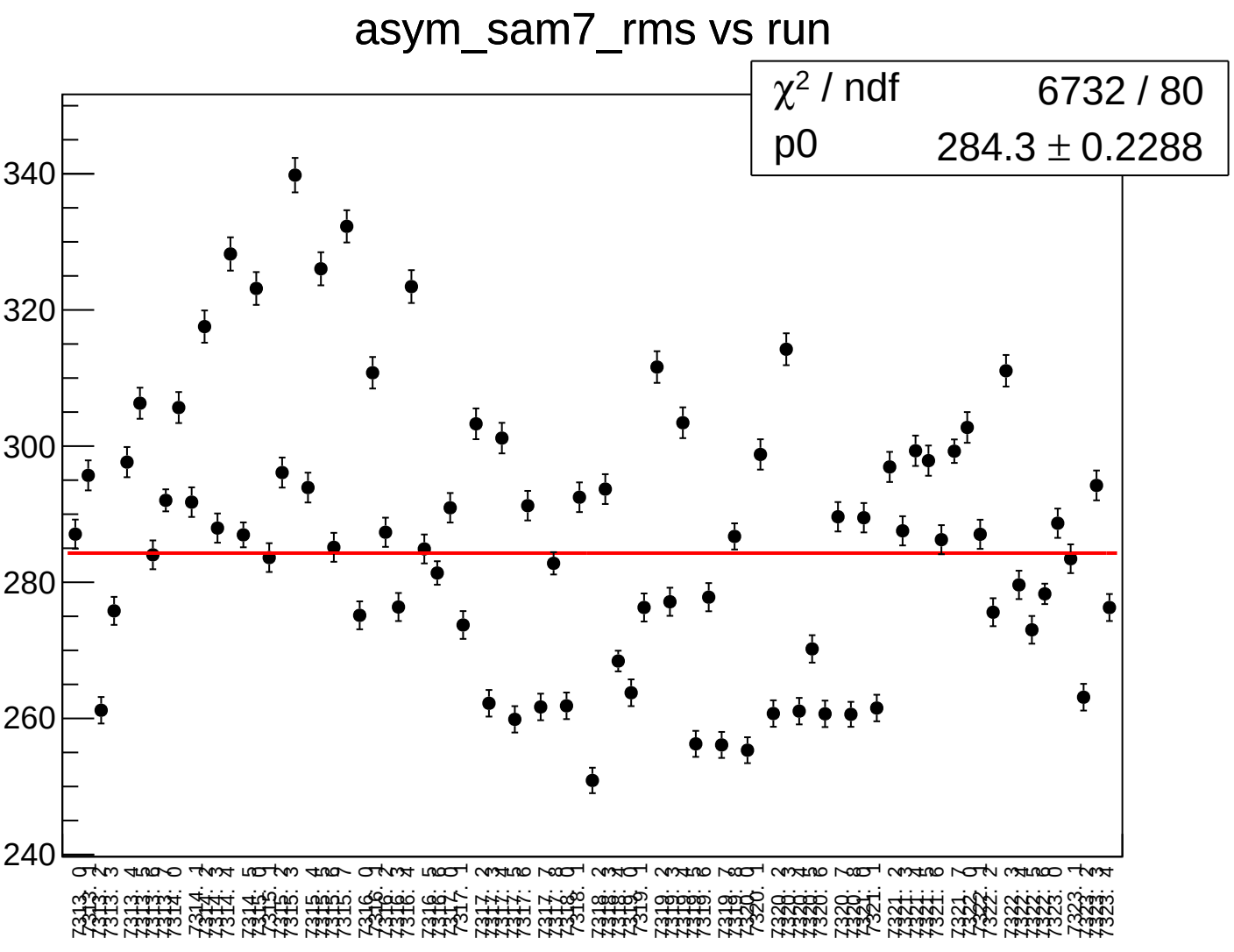

asym_sam7_correction_mean vs run
χ² / ndf 83.25 / 80
p0 −239 ± 285.4
pull
Entries 81
Mean −175.2
Std Dev 216.4

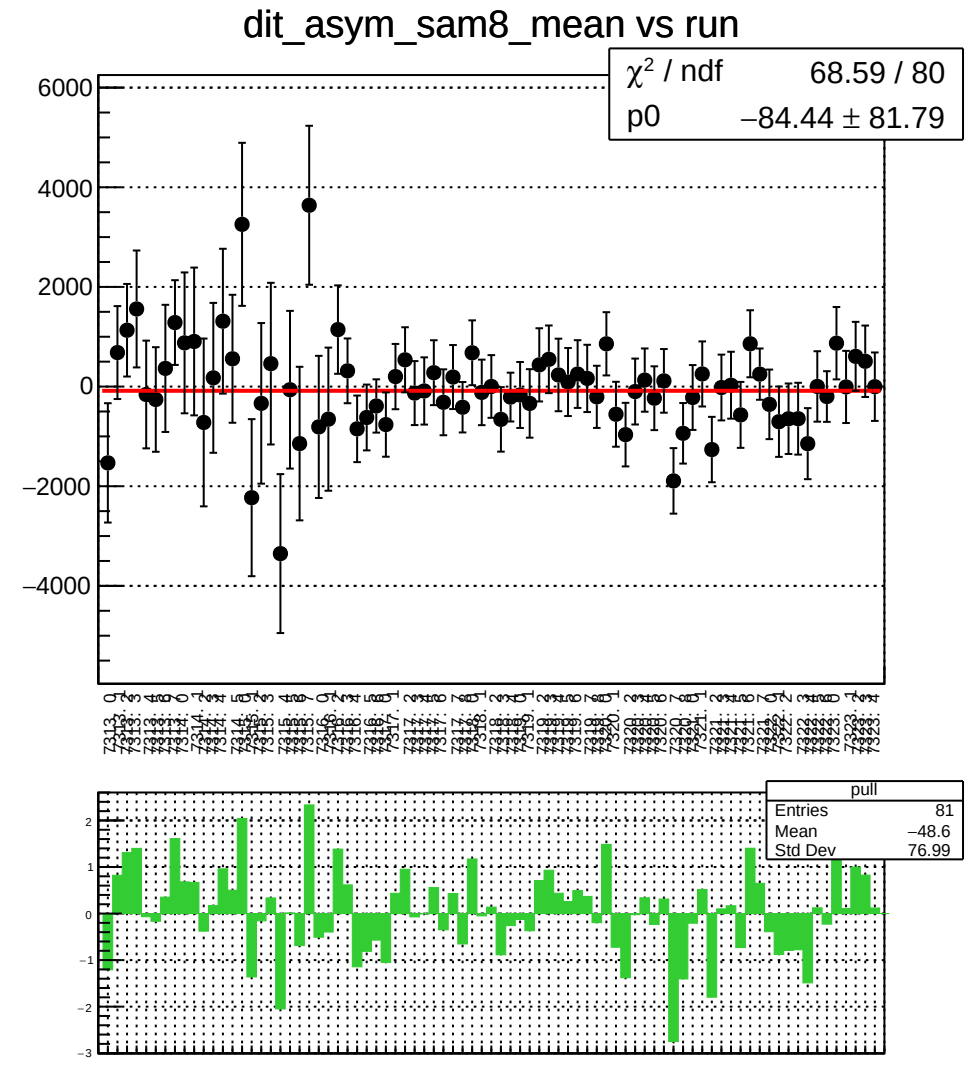

pull1D
Entries 81
Mean 0.01814
Std Dev 1.014

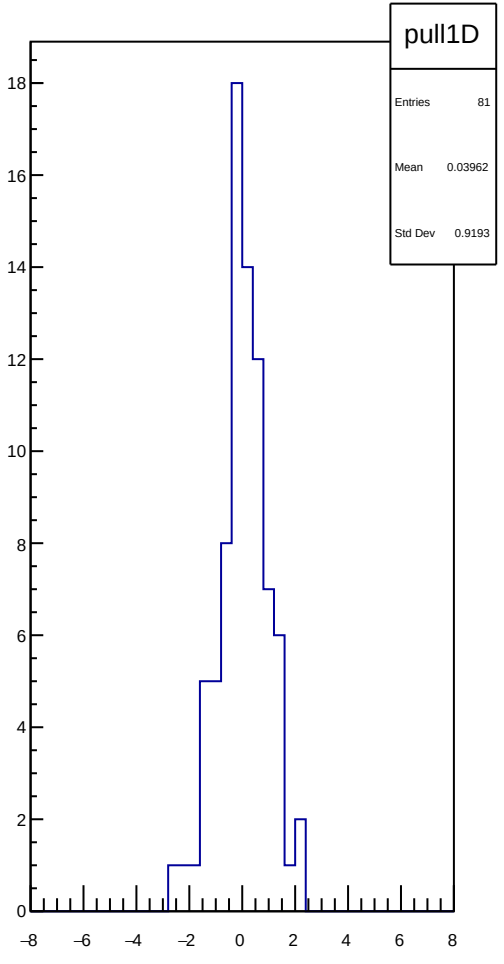

asym_sam7_correction_rms vs run
χ^2 / ndf 5742 / 80
p0 250.8 ± 0.2018
290
280
270
260
250
240
230
220

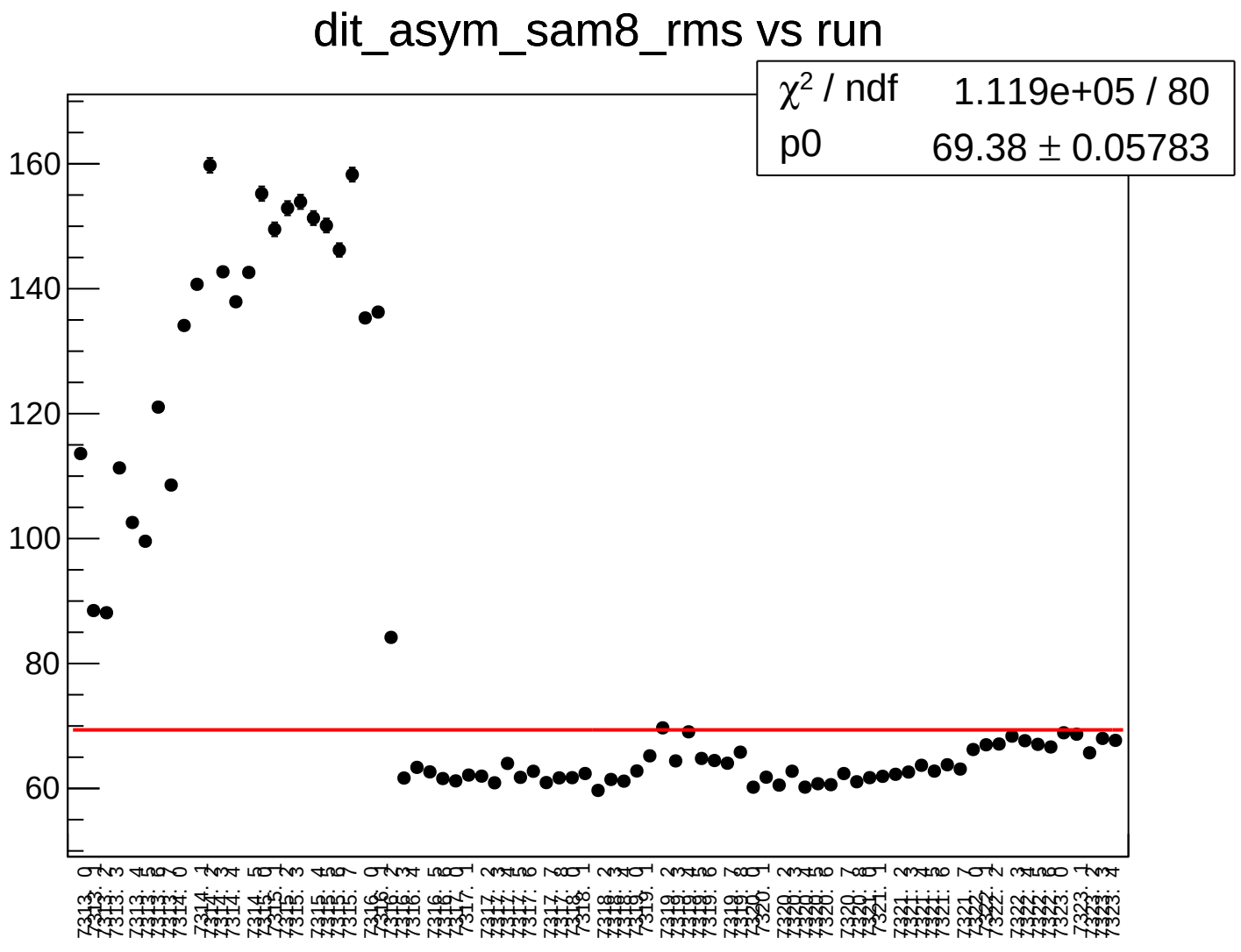

asym_sam7_mean vs run
χ² / ndf 73.12 / 80
p0 370.2 ± 323.5
pull
Entries 81
Mean −100.9
Std Dev 142.2

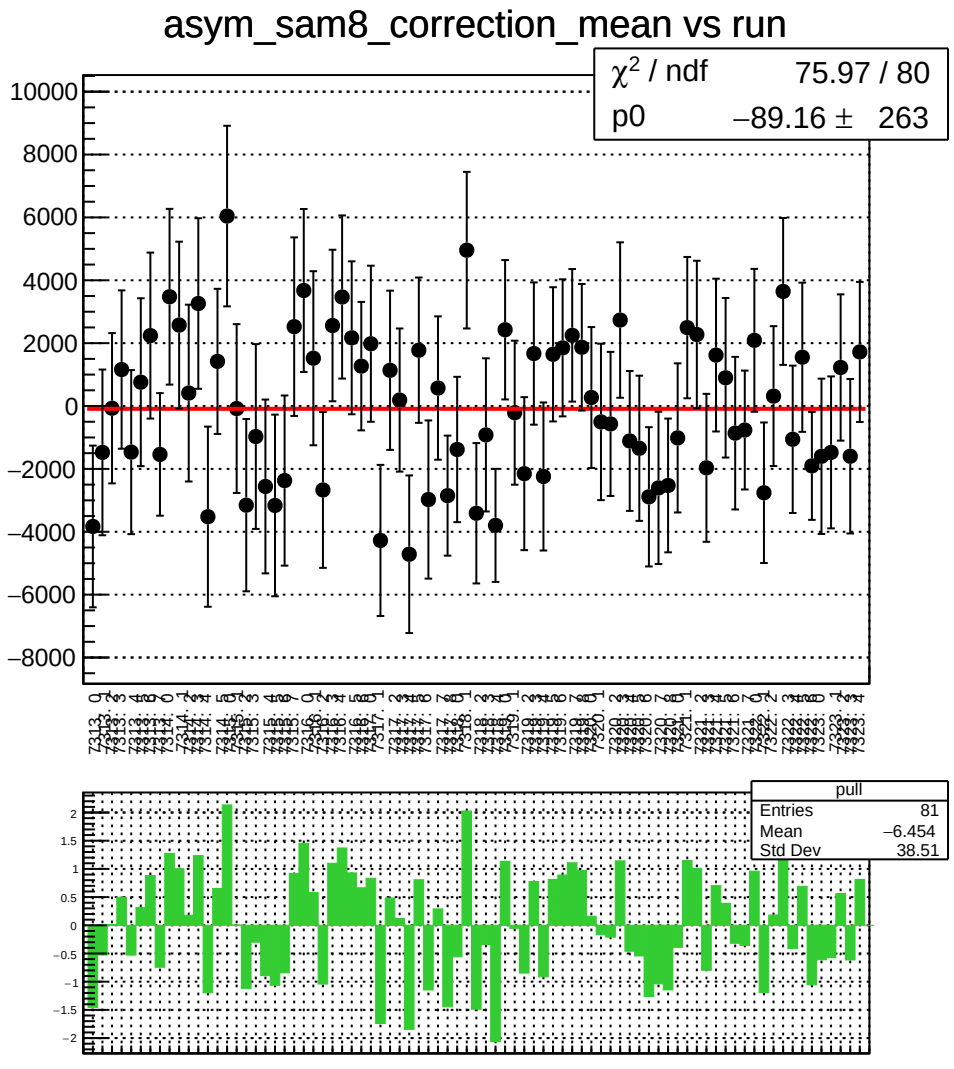

pull1D
Entries 81
Mean −0.01671
Std Dev 0.9499

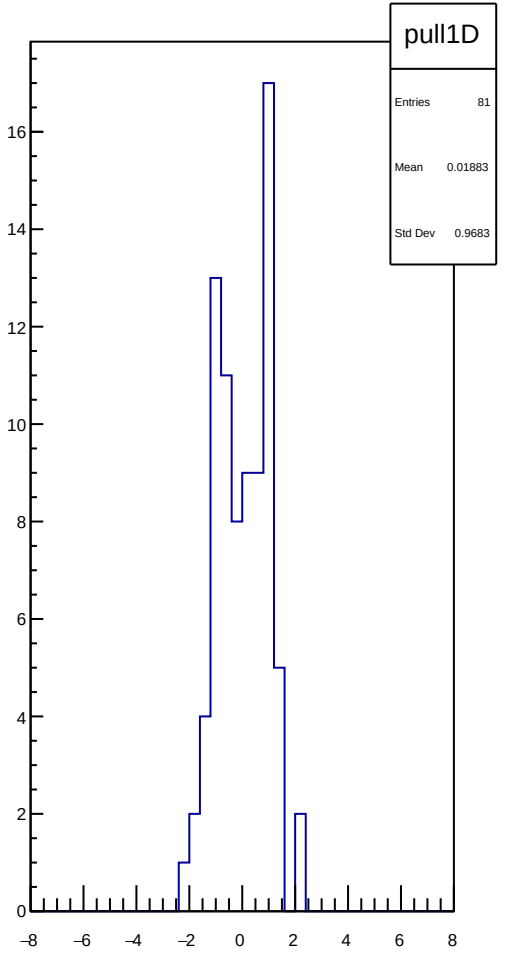

asym_sam7_rms vs run
χ² / ndf 6732 / 80
p0 284.3 ± 0.2288
340
320
300
280
260
240

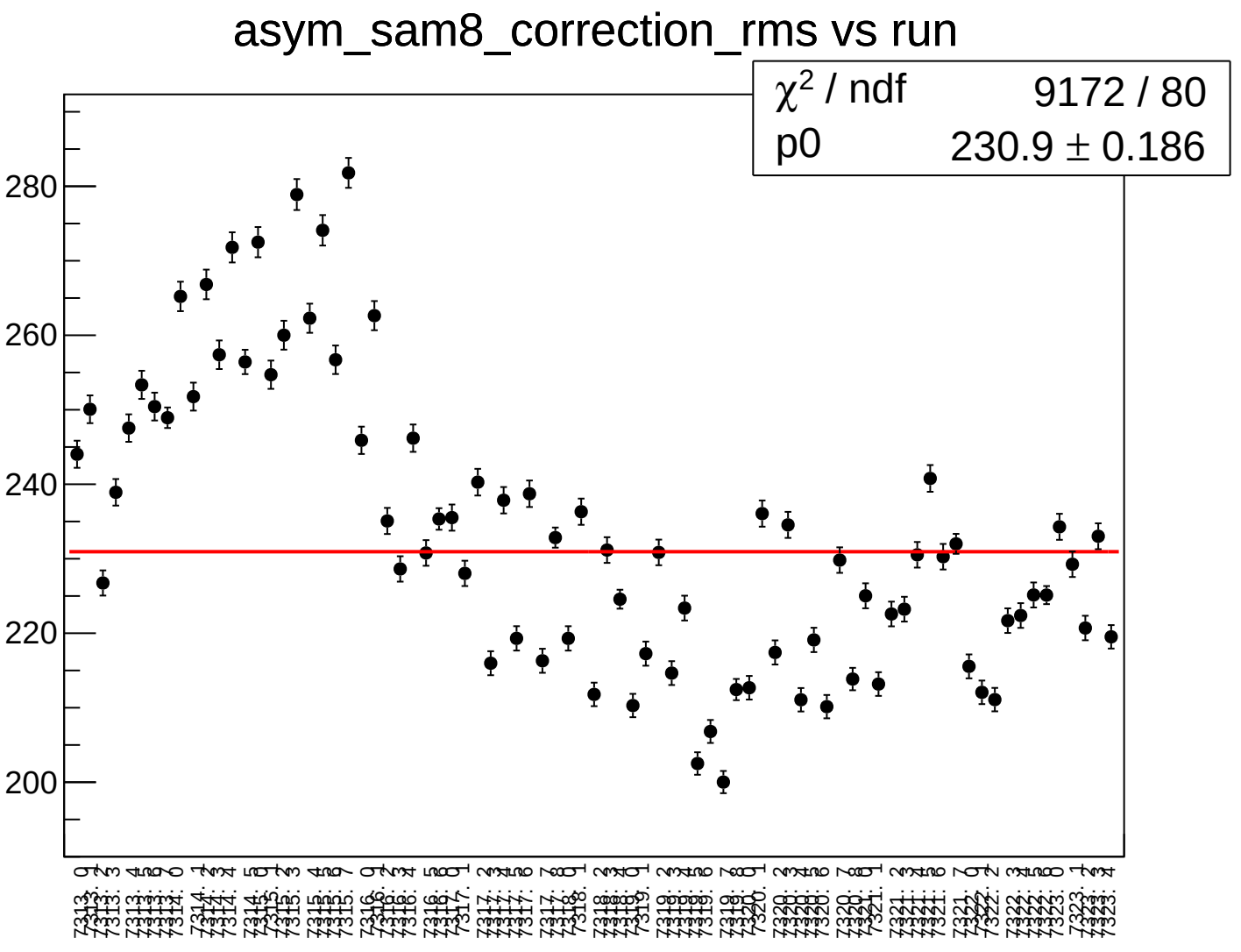

dit_asym_sam8_mean vs run
χ² / ndf 68.59 / 80
p0 −84.44 ± 81.79
pull
Entries 81
Mean −48.6
Std Dev 76.99

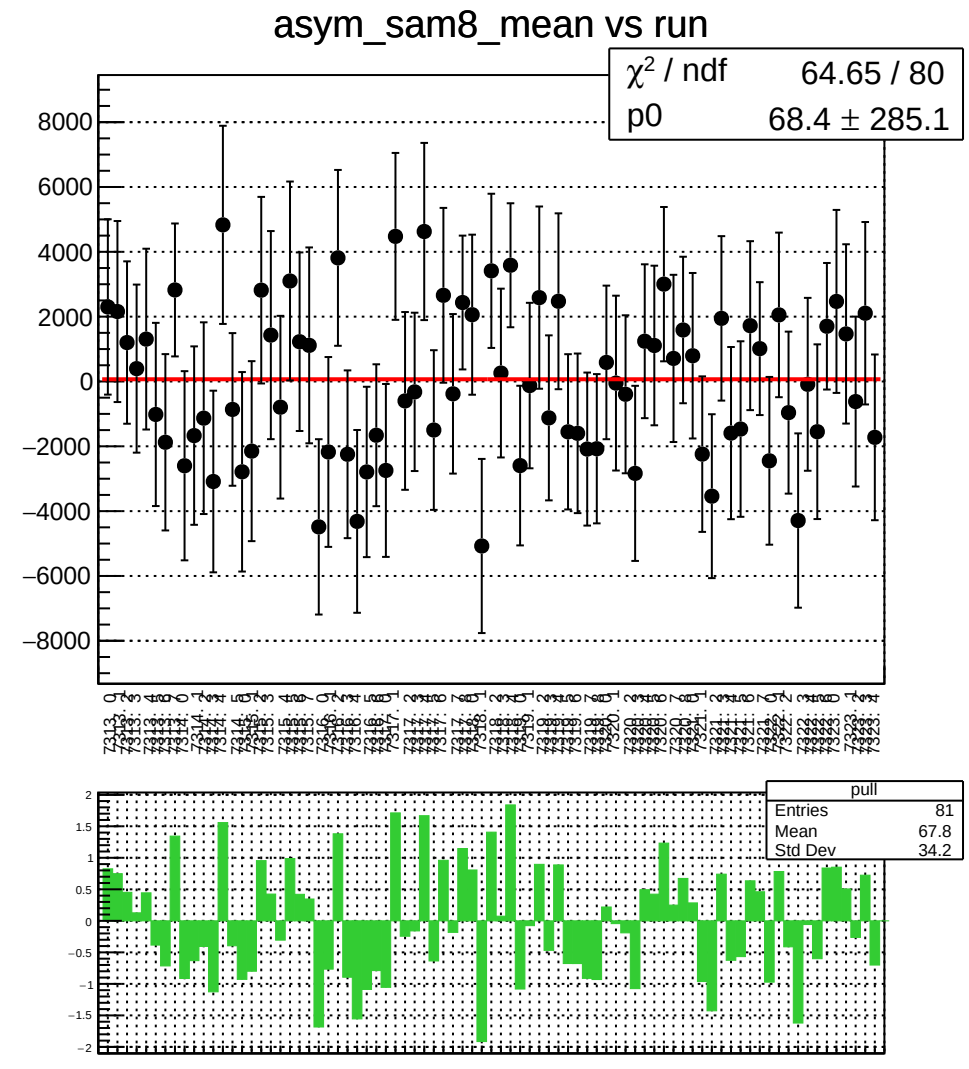

pull1D
Entries 81
Mean 0.03962
Std Dev 0.9193

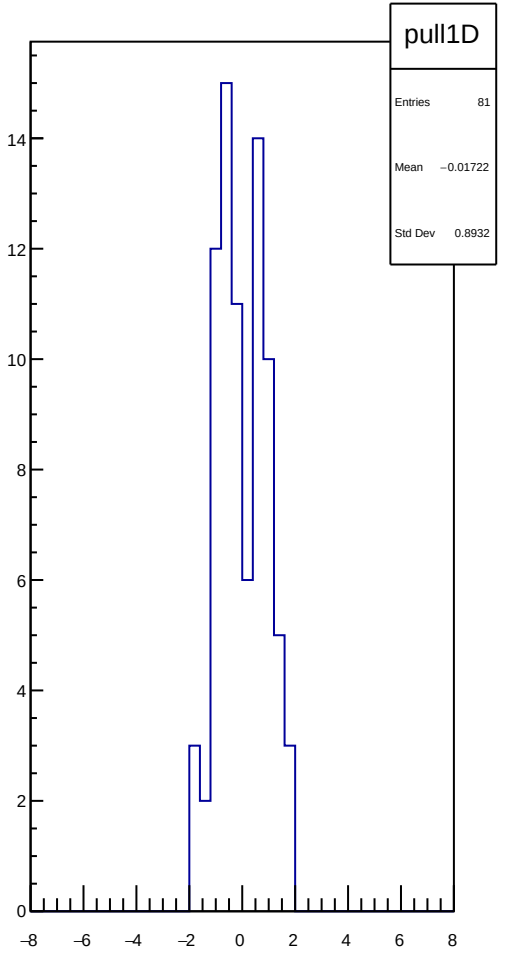

dit_asym_sam8_rms vs run
χ^2 / ndf 1.119e+05 / 80
p0 69.38 ± 0.05783
160
140
120
100
80
60

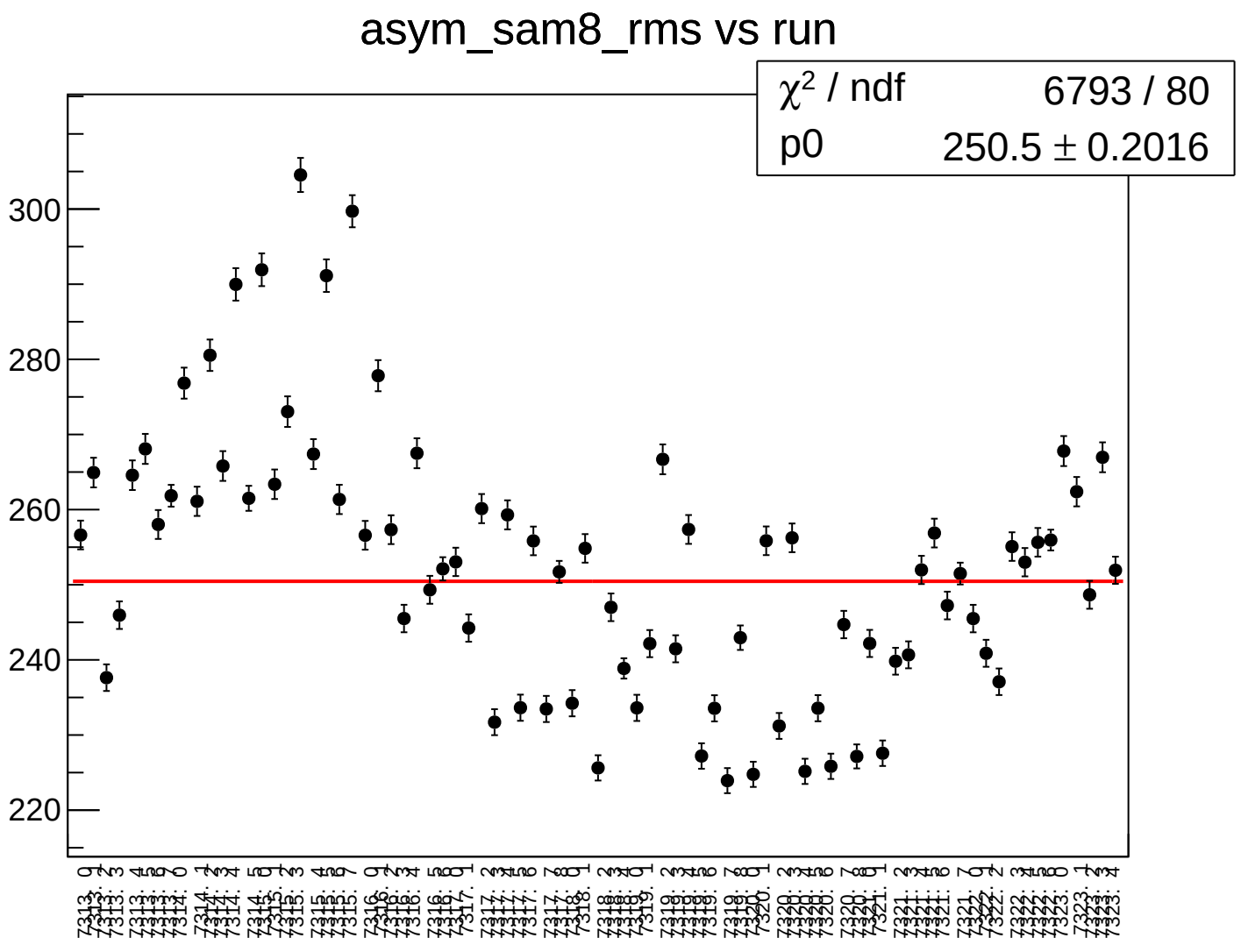

asym_sam8_correction_mean vs run
χ² / ndf 75.97 / 80
p0 −89.16 ± 263
pull
Entries 81
Mean −6.454
Std Dev 38.51

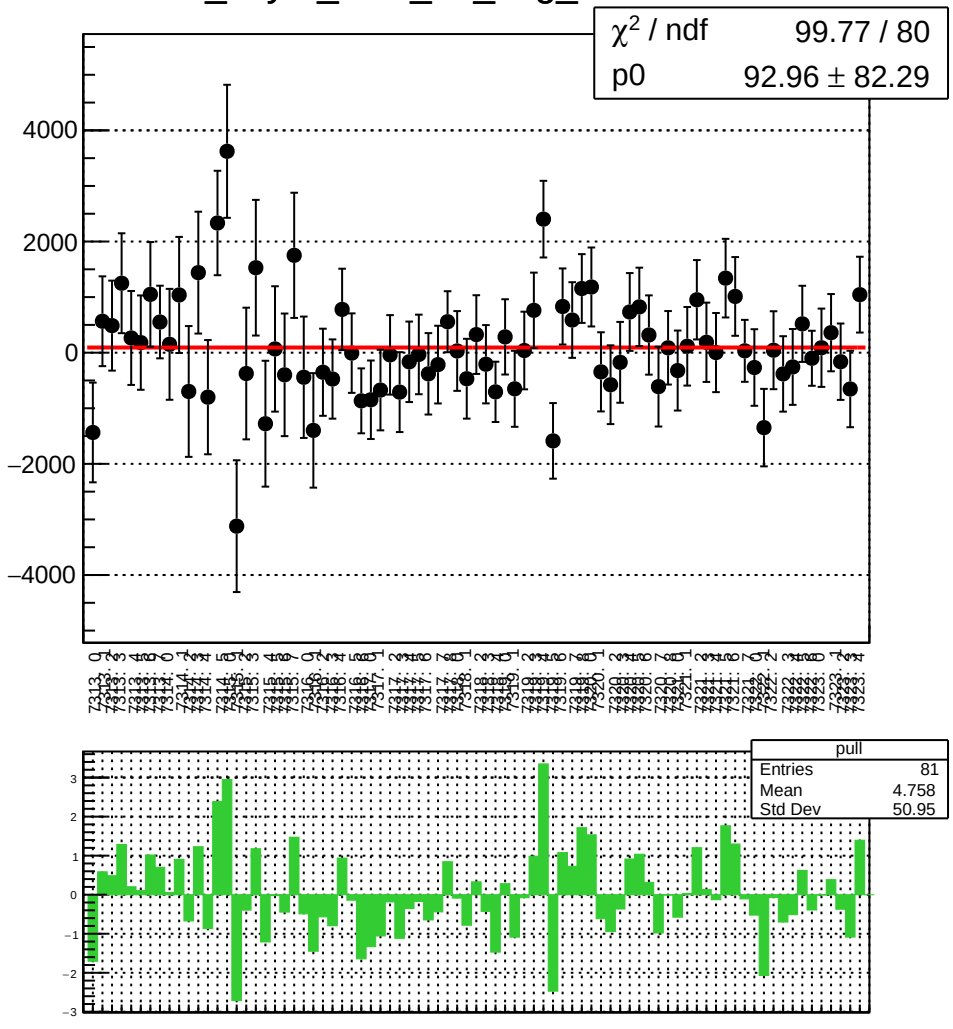

pull1D
Entries 81
Mean 0.01883
Std Dev 0.9683

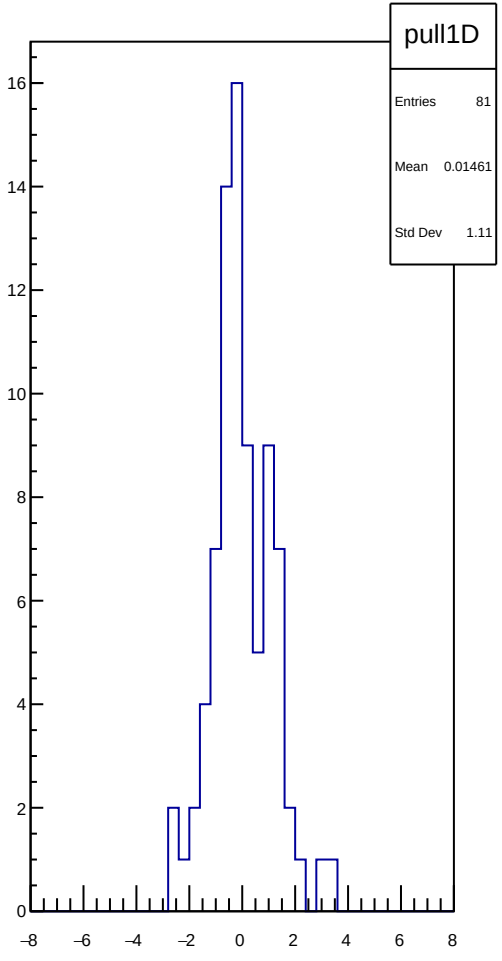

asym_sam8_correction_rms vs run
χ² / ndf 9172 / 80
p0 230.9 ± 0.186
280
260
240
220
200

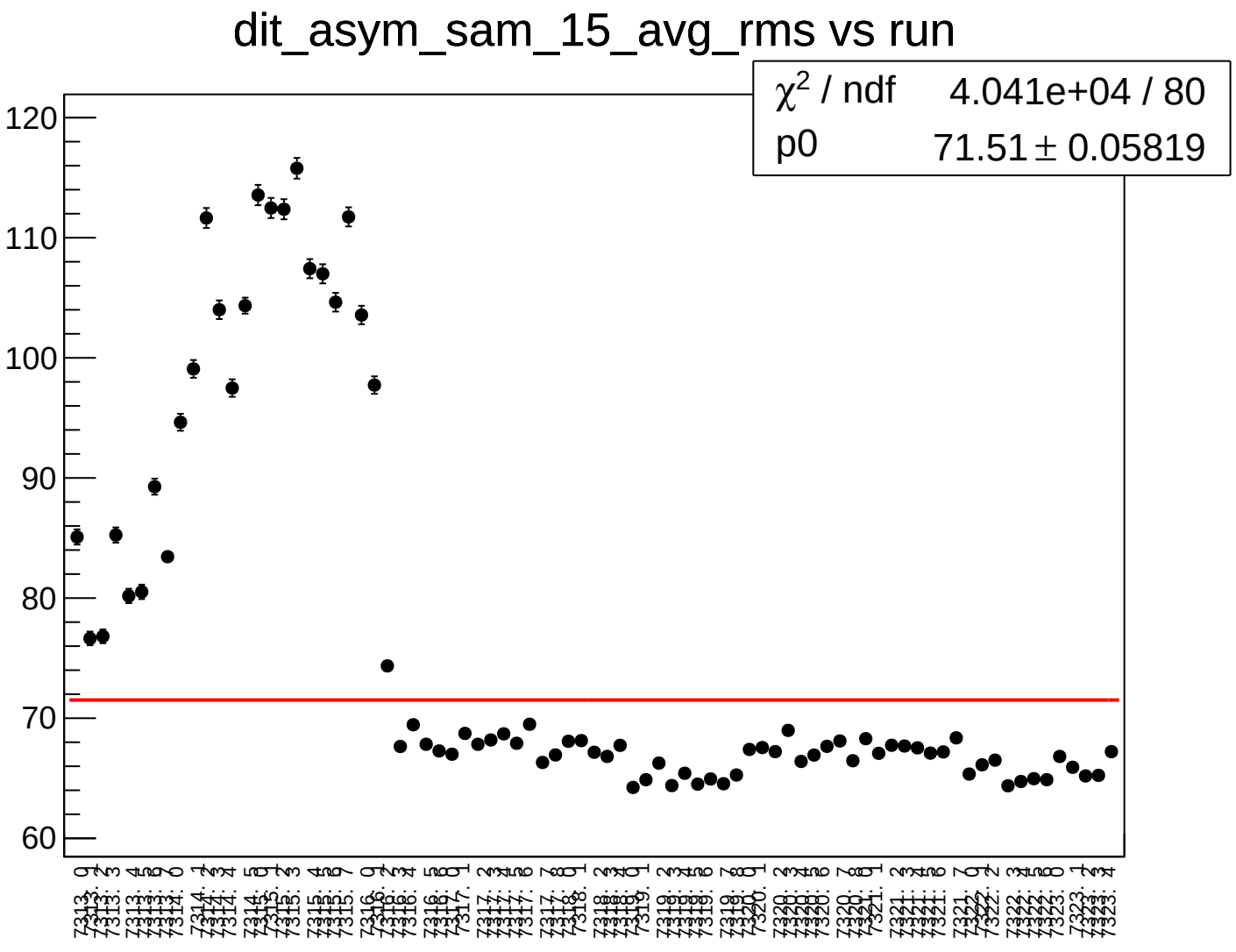

asym_sam8_mean vs run
χ² / ndf 64.65 / 80
p0 68.4 ± 285.1
pull
Entries 81
Mean 67.8
Std Dev 34.2

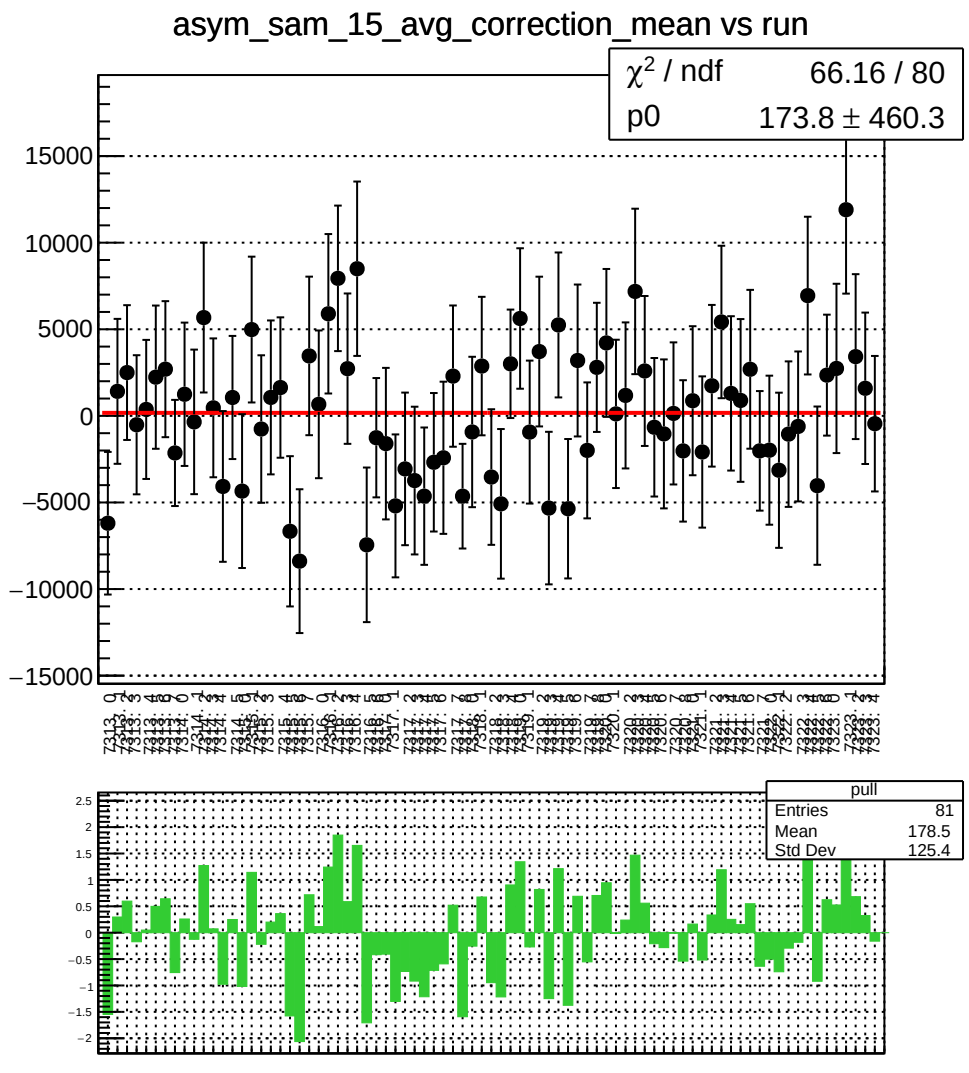

pull1D
Entries 81
Mean −0.01722
Std Dev 0.8932

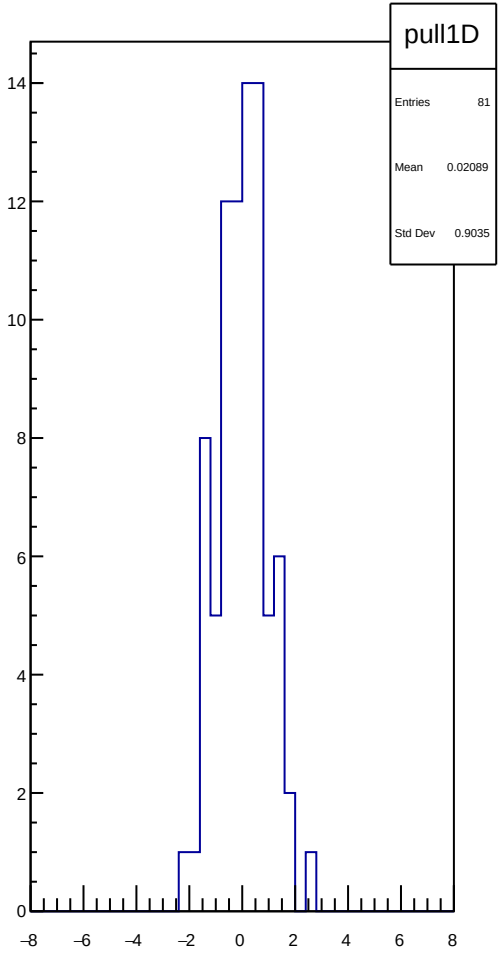

asym_sam8_rms vs run
χ² / ndf 6793 / 80
p0 250.5 ± 0.2016
300
280
260
240
220

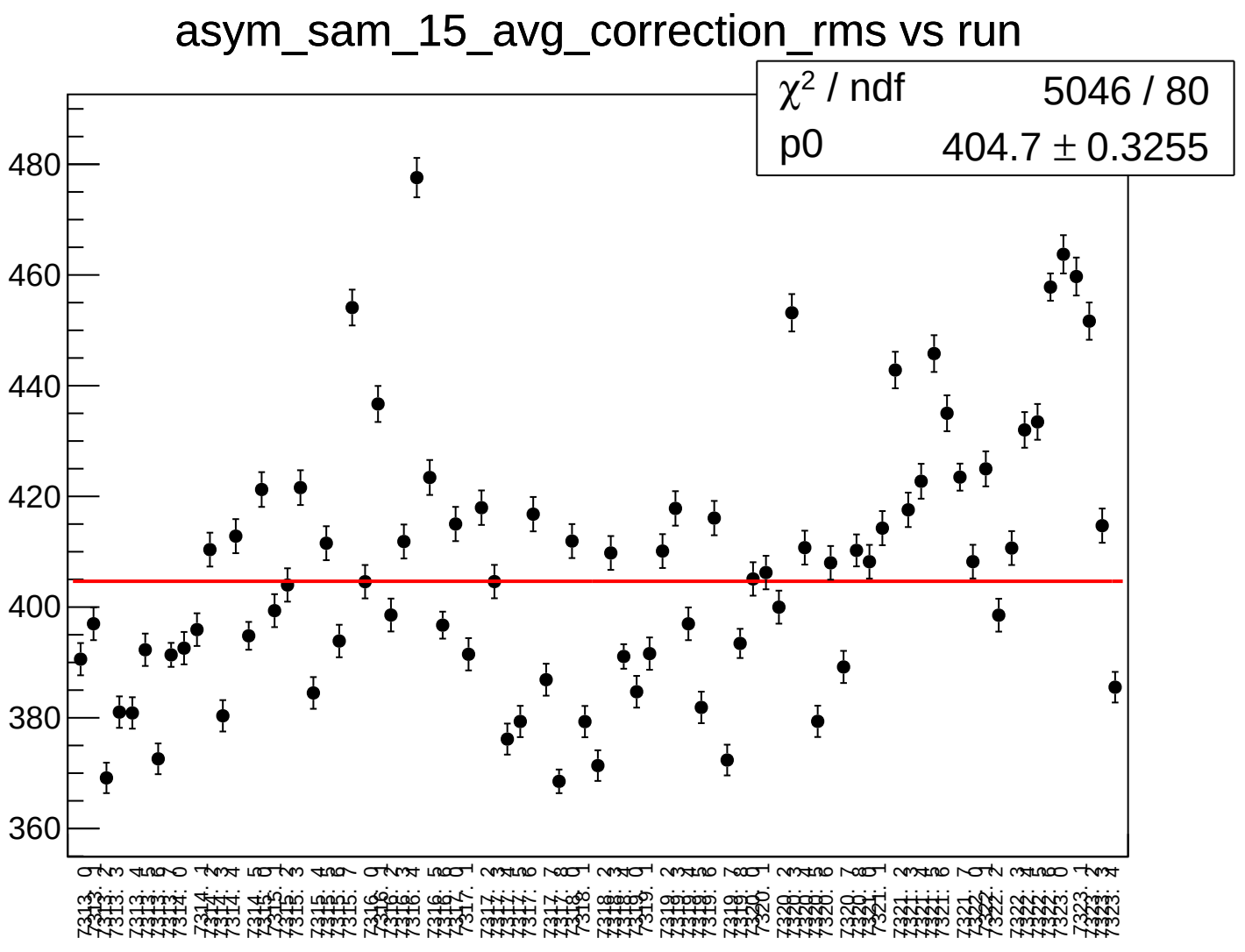

dit_asym_sam_15_avg_mean vs run
χ² / ndf 99.77 / 80
p0 92.96 ± 82.29
4000
2000
0
−2000
−4000
pull
Entries 81
Mean 4.758
Std Dev 50.95
3
2
1
0
−1
−2
−3

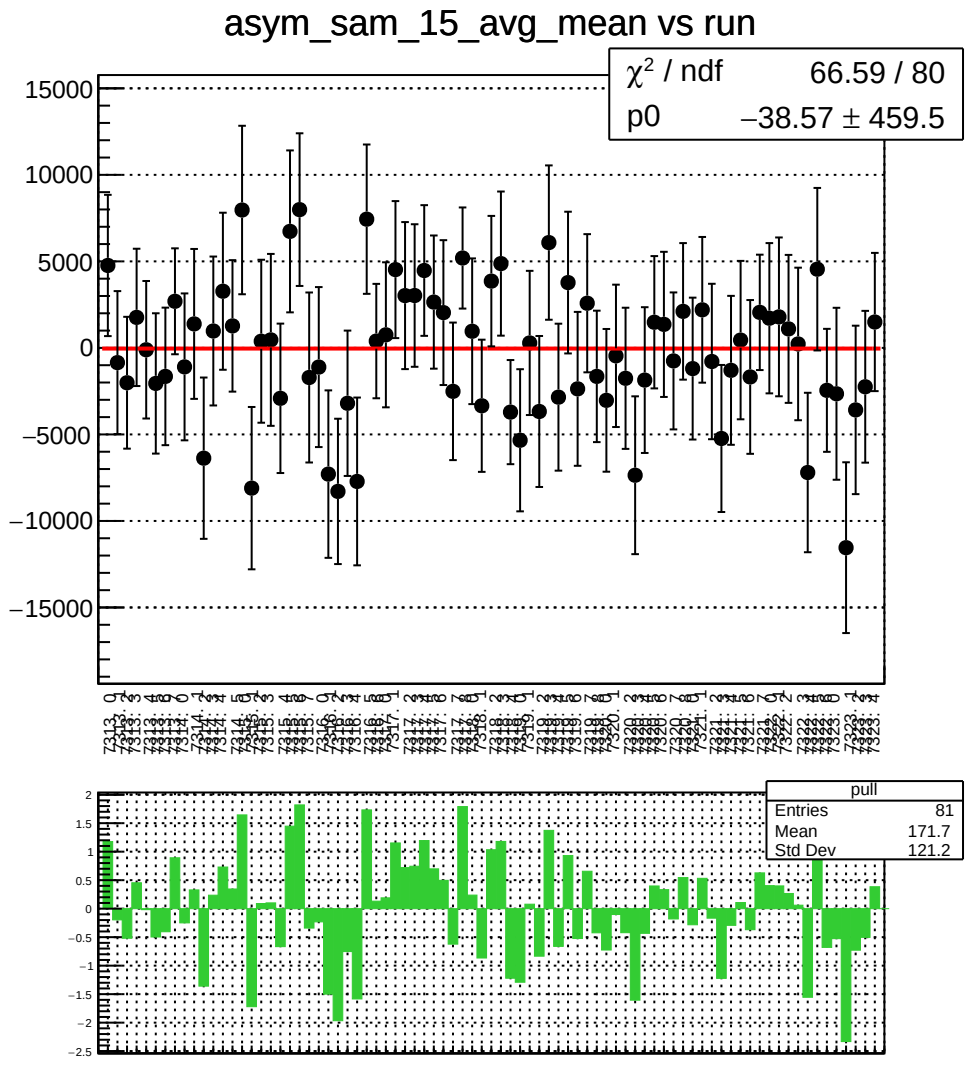

pull1D
Entries 81
Mean 0.01461
Std Dev 1.11
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

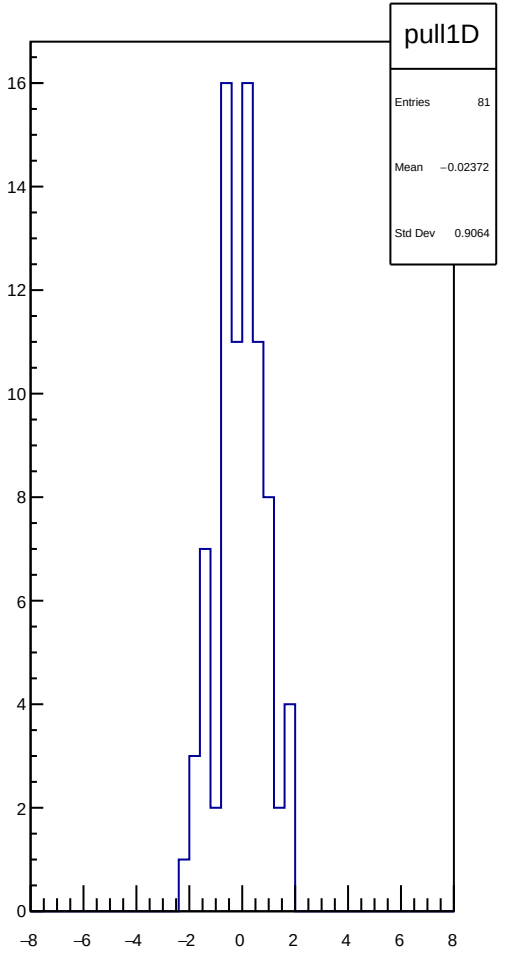

dit_asym_sam_15_avg_rms vs run
χ^2 / ndf 4.041e+04 / 80
p0 71.51 ± 0.05819
120
110
100
90
80
70
60

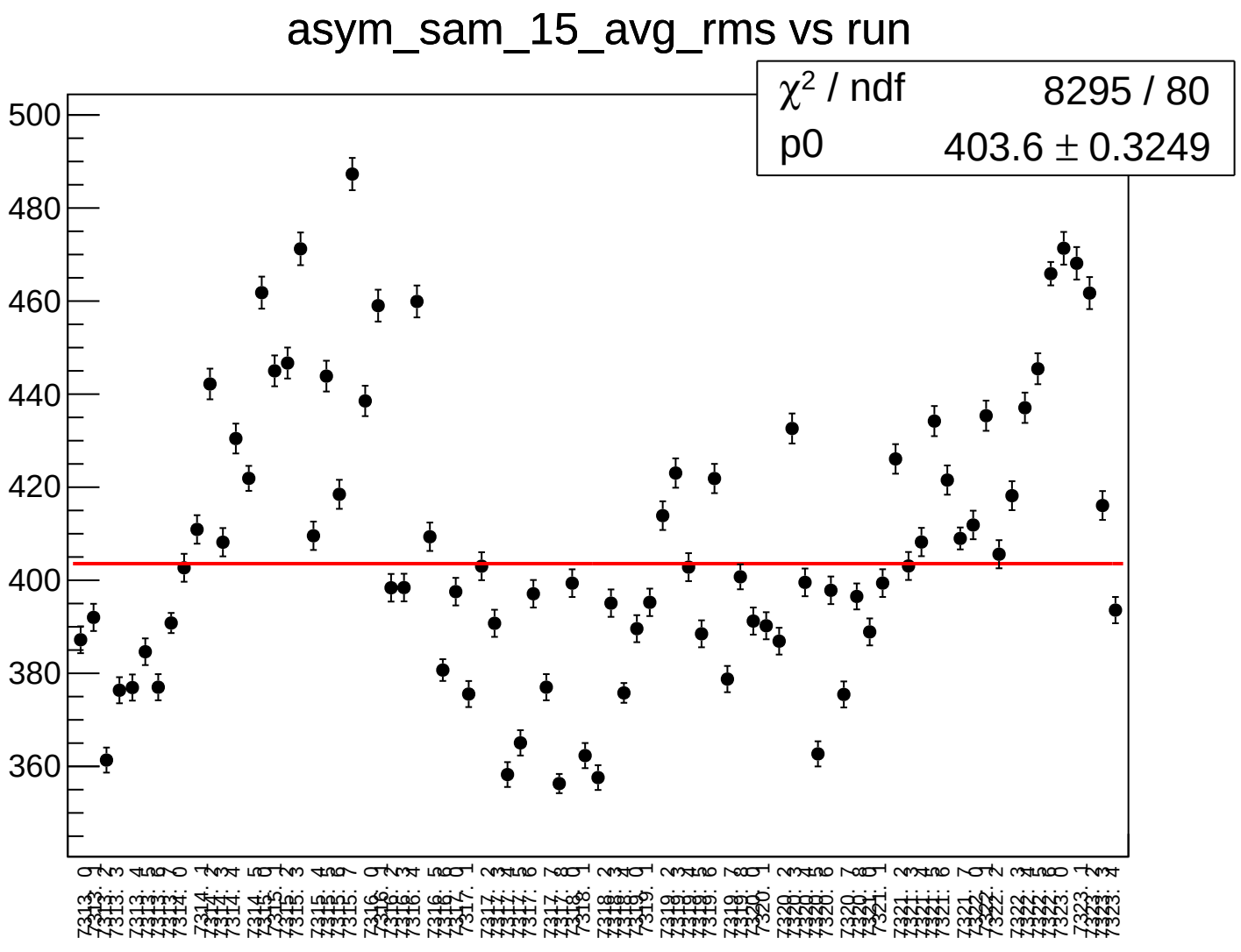

asym_sam_15_avg_correction_mean vs run
χ² / ndf 66.16 / 80
p0 173.8 ± 460.3
pull
Entries 81
Mean 178.5
Std Dev 125.4

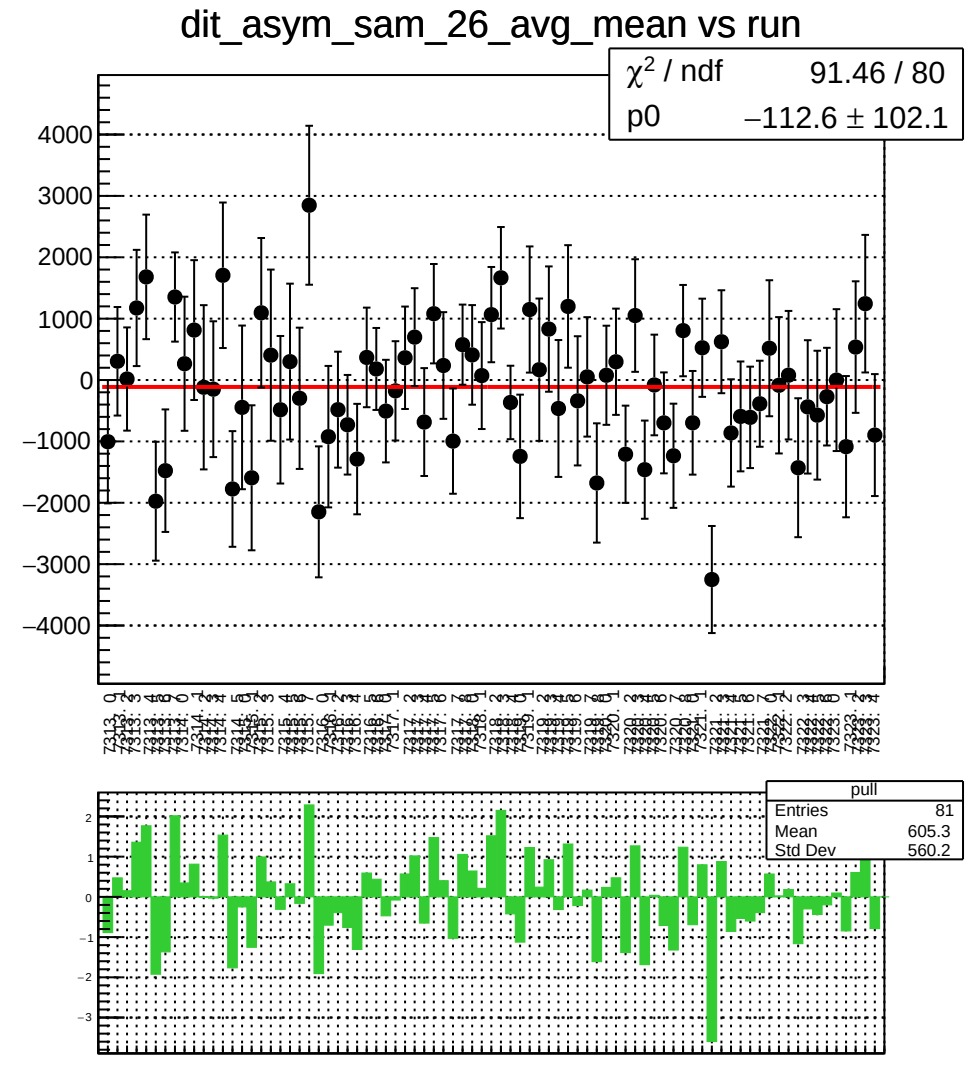

pull1D
Entries 81
Mean 0.02089
Std Dev 0.9035

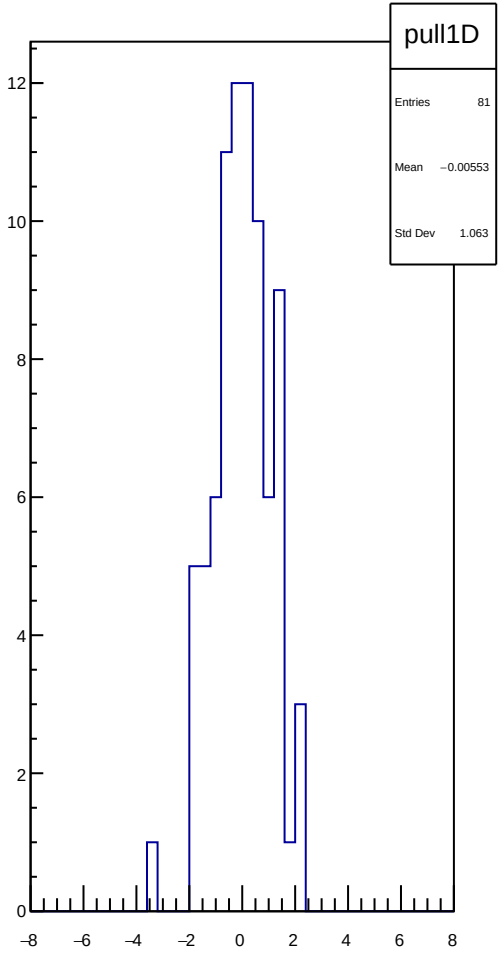

asym_sam_15_avg_correction_rms vs run
χ² / ndf 5046 / 80
p0 404.7 ± 0.3255
480
460
440
420
400
380
360

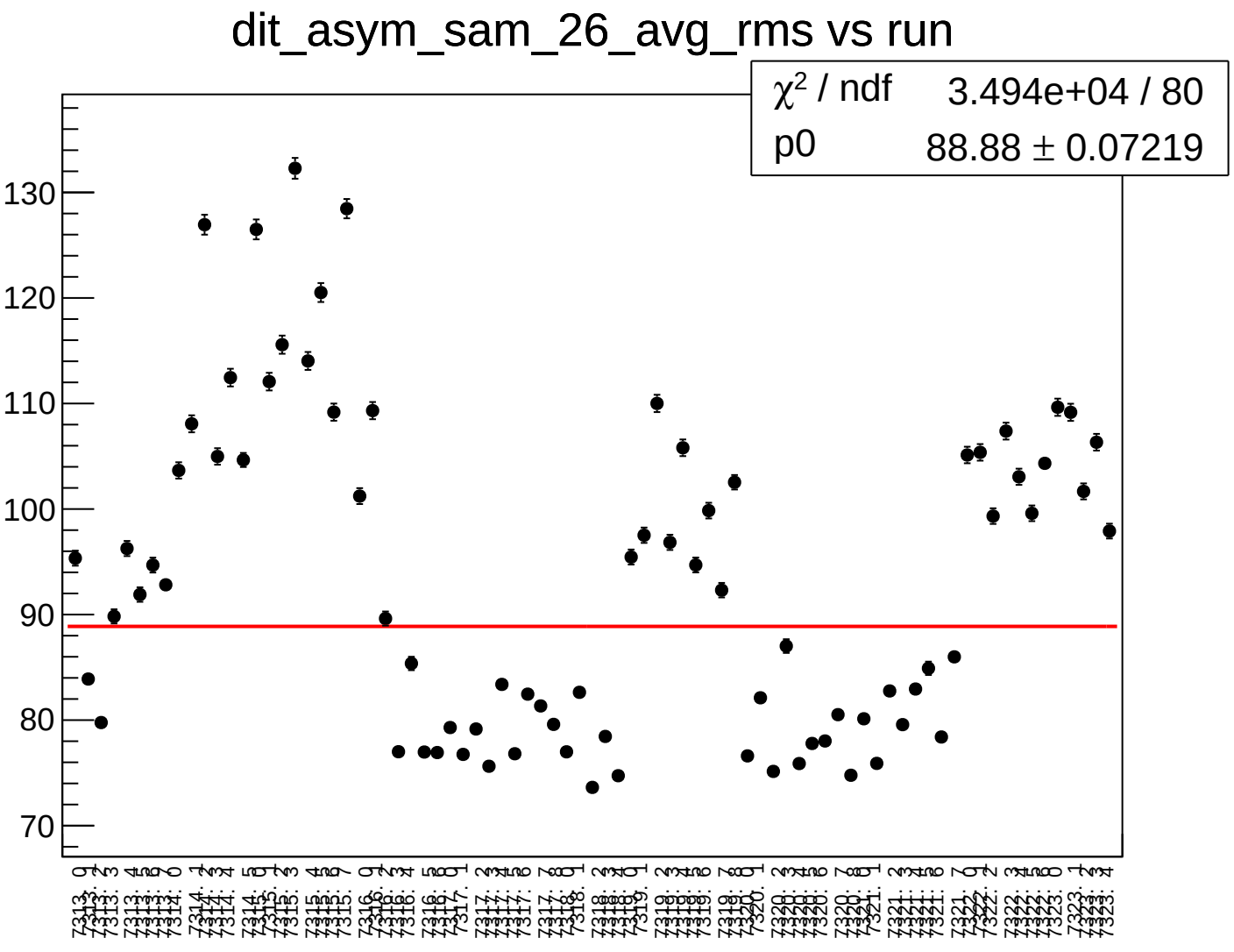

asym_sam_15_avg_mean vs run
χ² / ndf 66.59 / 80
p0 −38.57 ± 459.5
pull
Entries 81
Mean 171.7
Std Dev 121.2

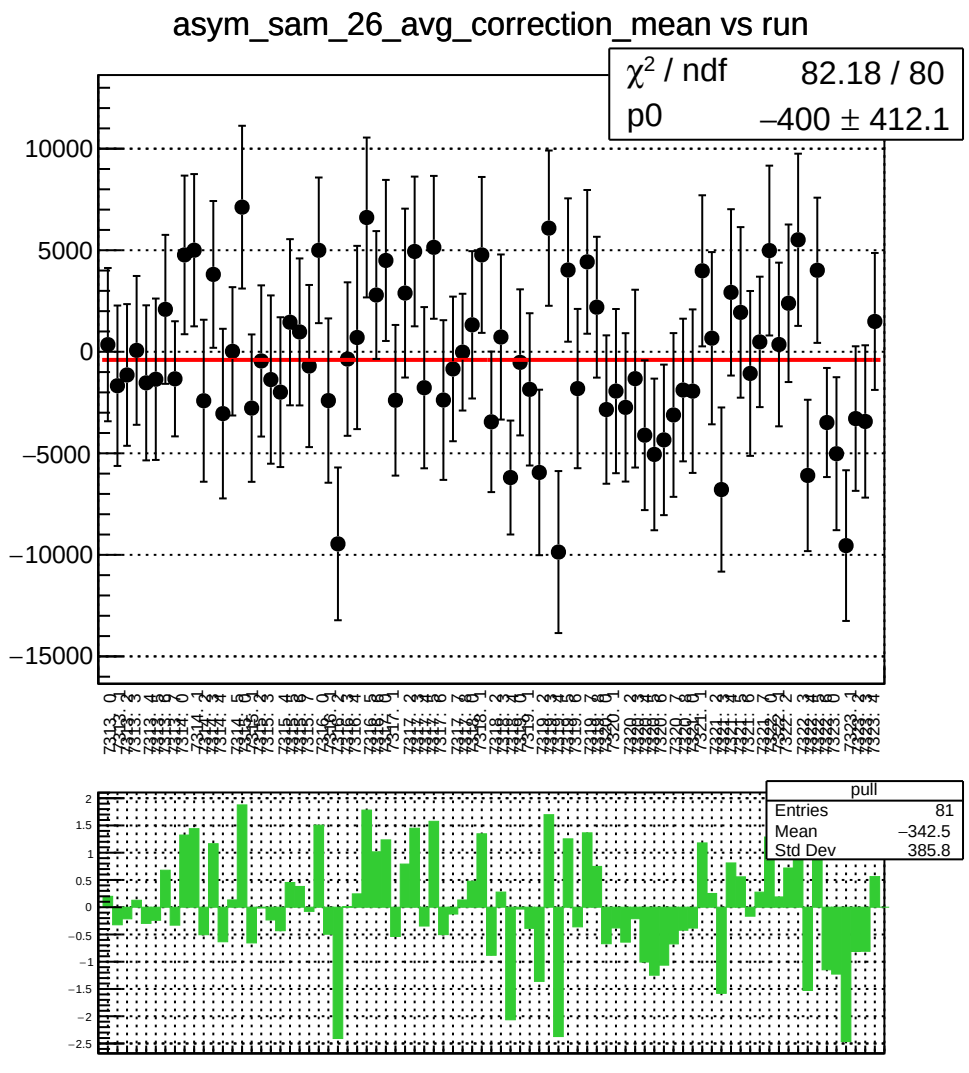

pull1D
Entries 81
Mean −0.02372
Std Dev 0.9064

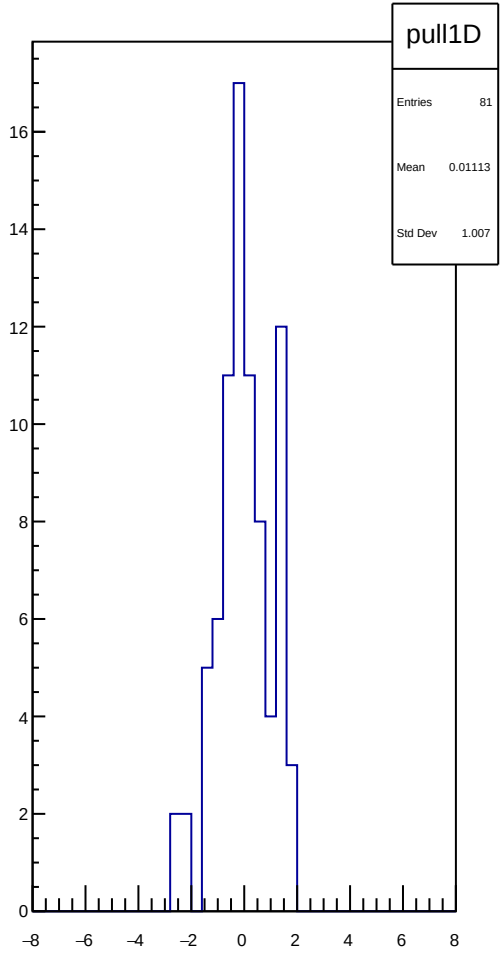

asym_sam_15_avg_rms vs run
χ² / ndf 8295 / 80
p0 403.6 ± 0.3249
500
480
460
440
420
400
380
360

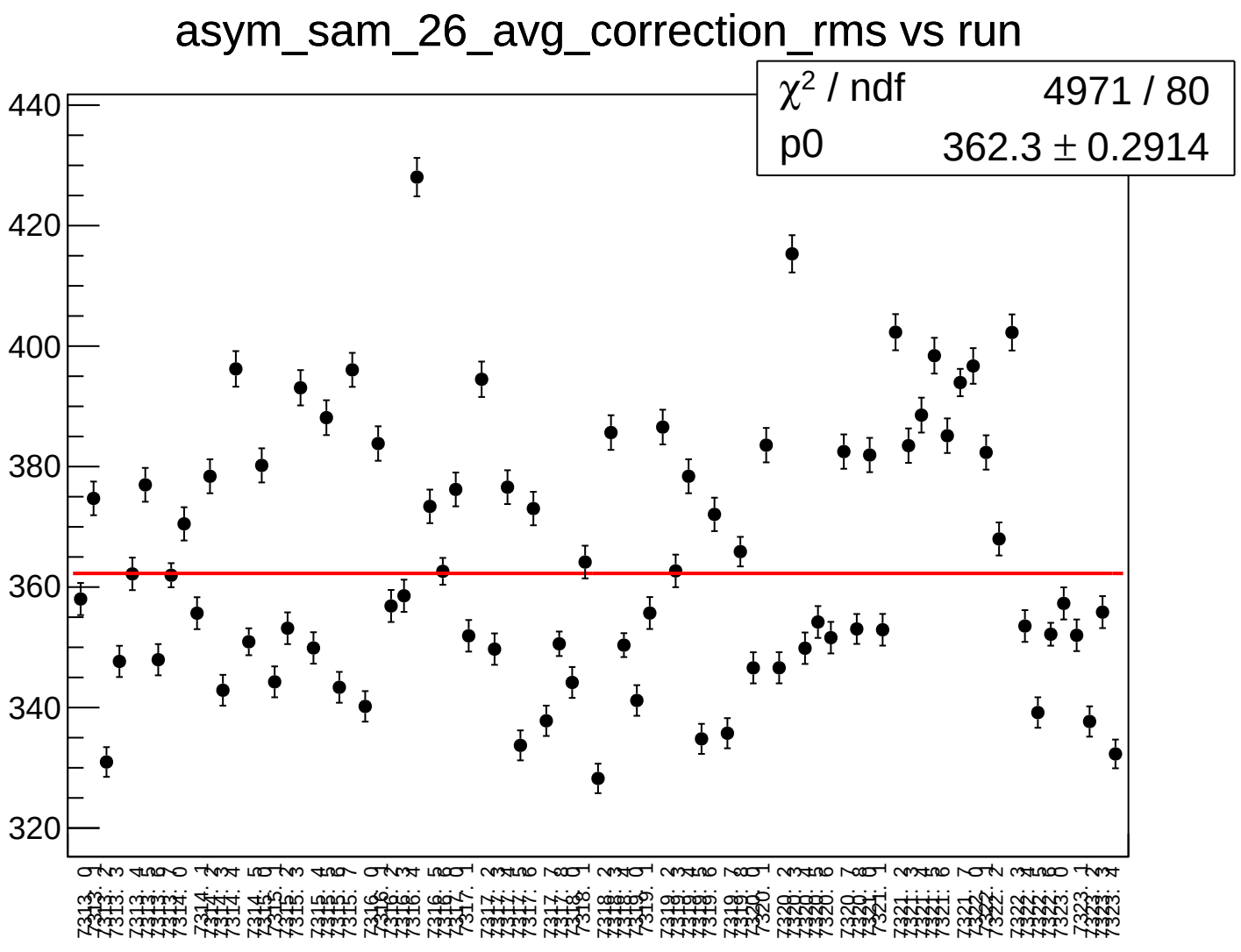

dit_asym_sam_26_avg_mean vs run
χ² / ndf 91.46 / 80
p0 −112.6 ± 102.1
pull
Entries 81
Mean 605.3
Std Dev 560.2

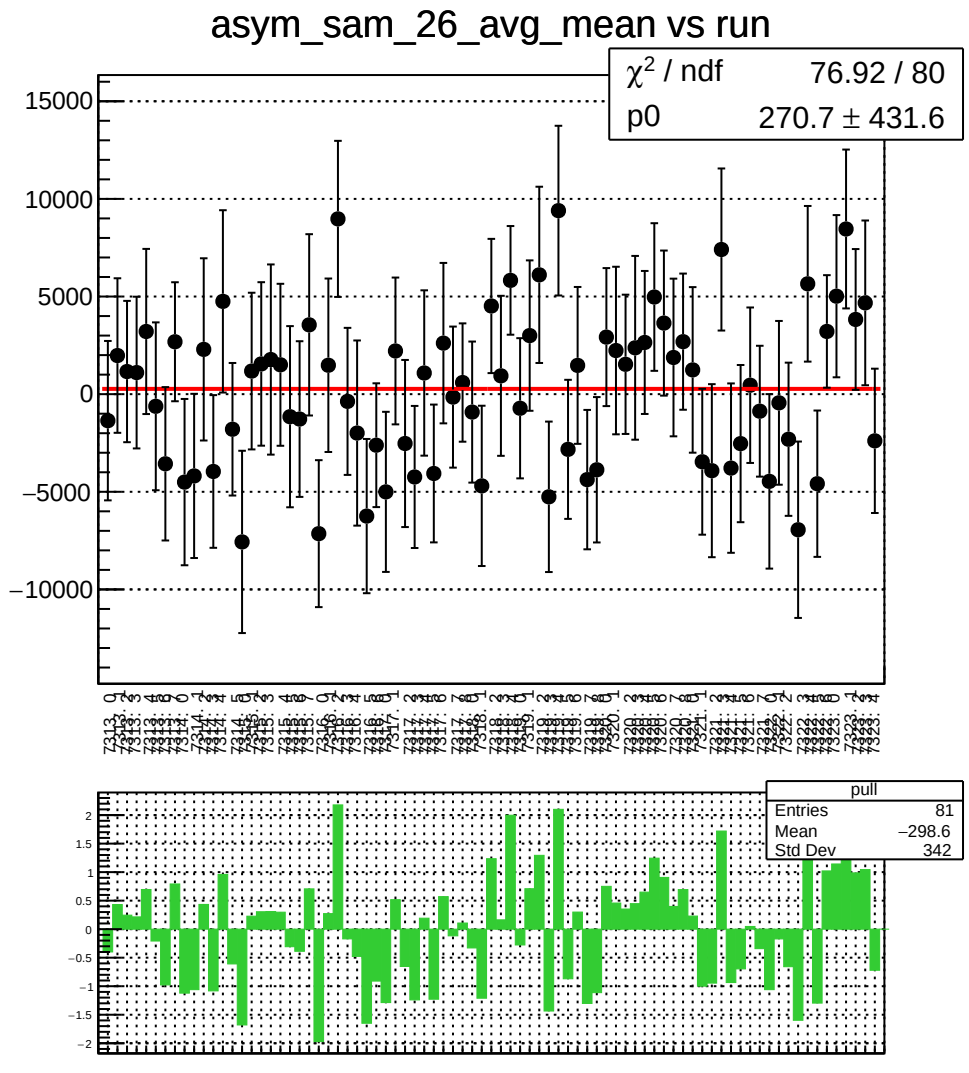

pull1D
Entries 81
Mean −0.00553
Std Dev 1.063

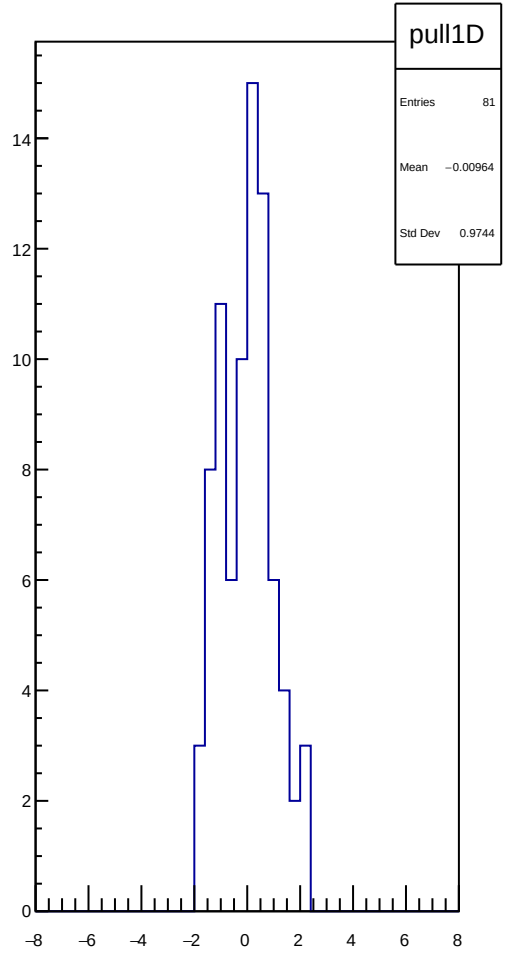

dit_asym_sam_26_avg_rms vs run
χ^2 / ndf 3.494e+04 / 80
p0 88.88 ± 0.07219
130
120
110
100
90
80
70

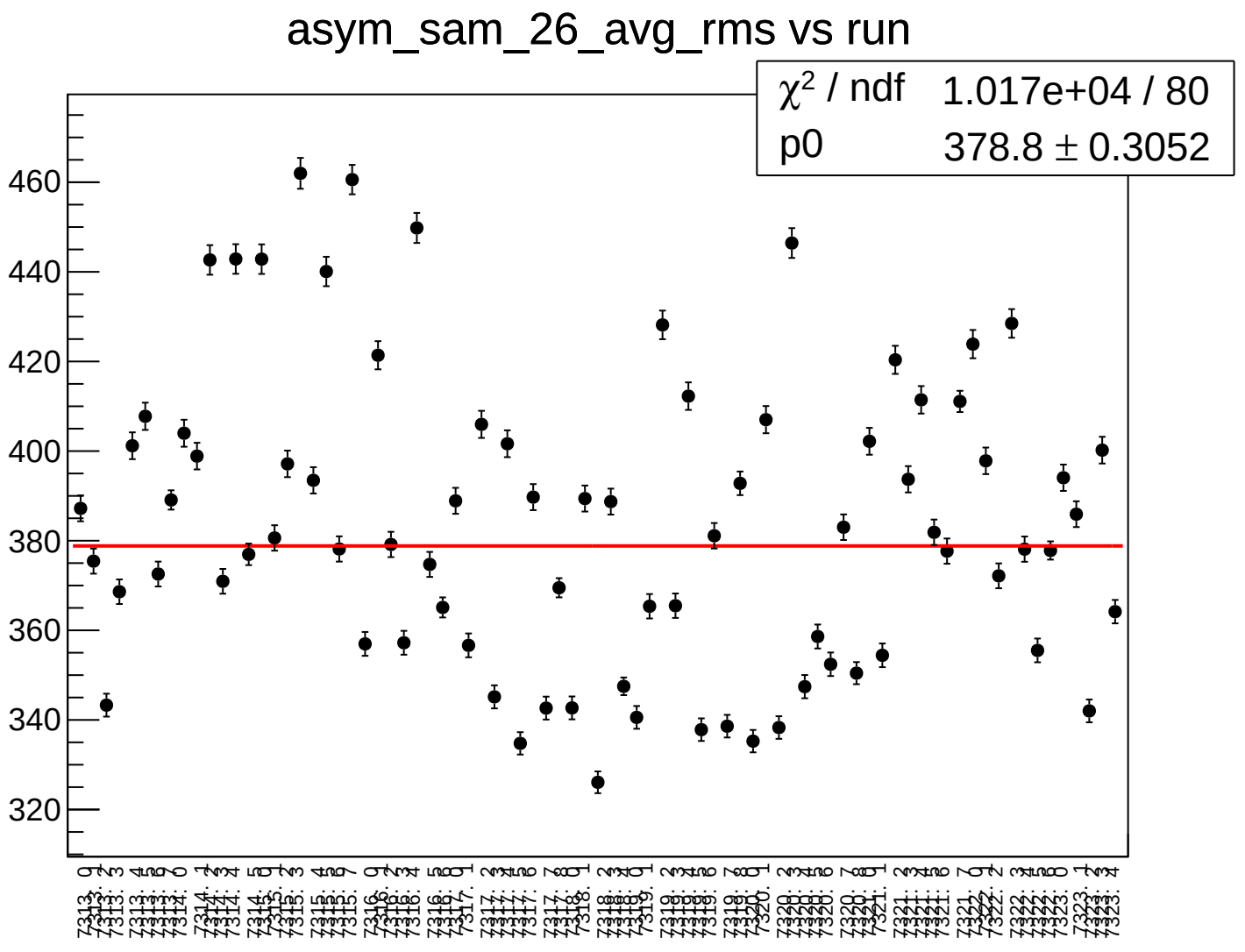

asym_sam_26_avg_correction_mean vs run
χ² / ndf 82.18 / 80
p0 –400 ± 412.1
10000
5000
0
–5000
–10000
–15000
pull
Entries 81
Mean –342.5
Std Dev 385.8
2
1.5
1
0.5
0
–0.5
–1
–1.5
–2
–2.5

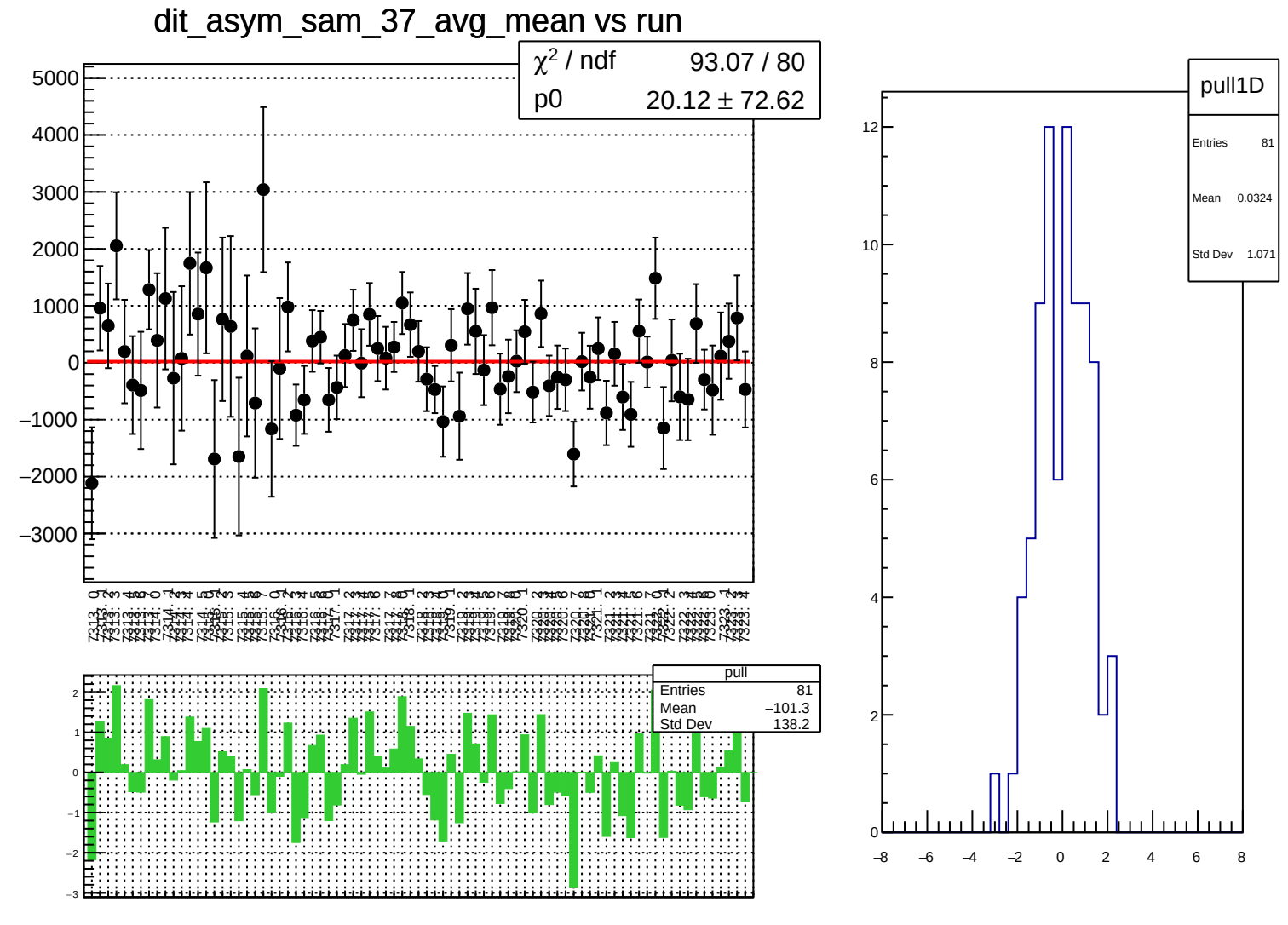

pull1D
Entries 81
Mean 0.01113
Std Dev 1.007
16
14
12
10
8
6
4
2
0
–8
–6
–4
–2
0
2
4
6
8

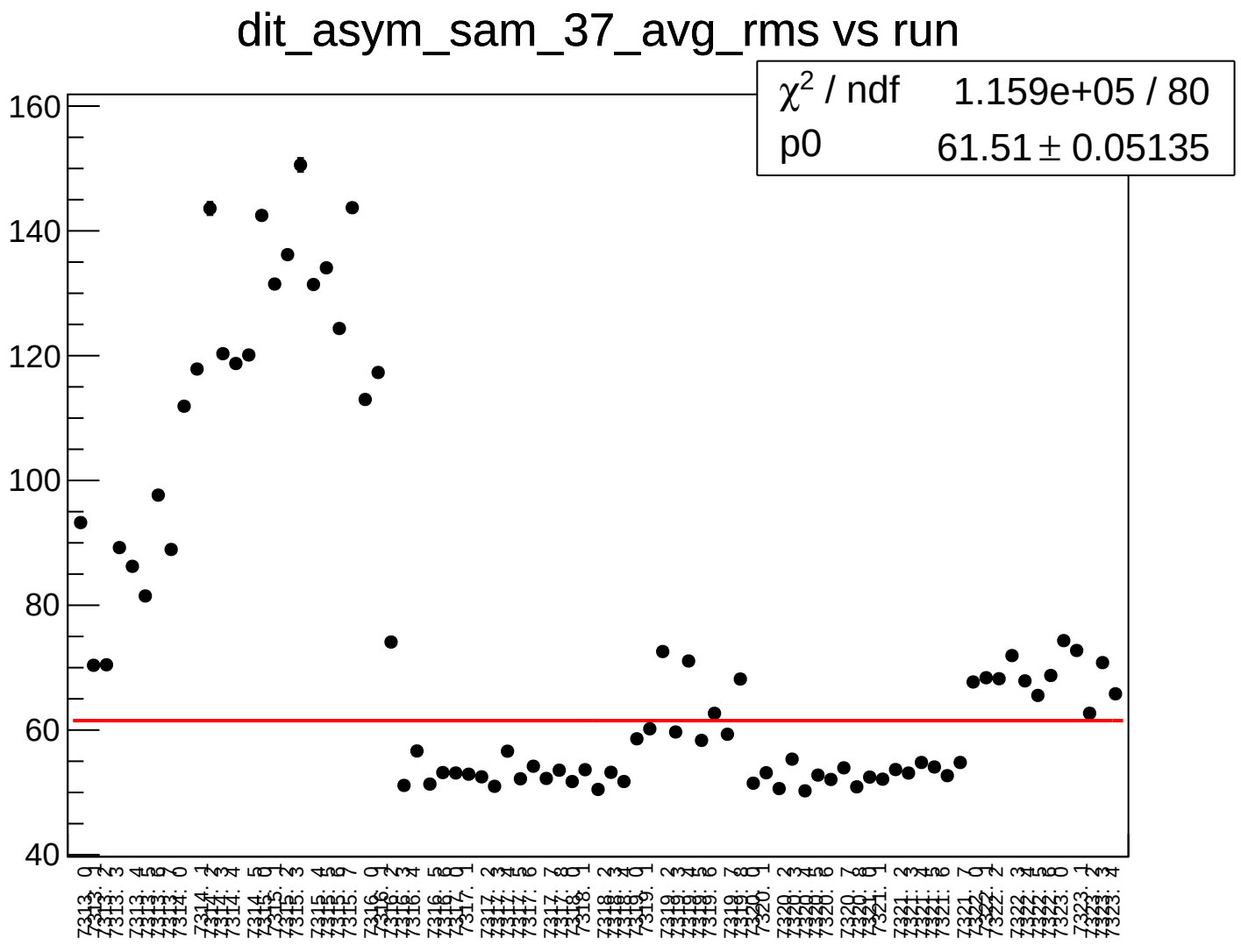

asym_sam_26_avg_correction_rms vs run
χ² / ndf 4971 / 80
p0 362.3 ± 0.2914
440
420
400
380
360
340
320

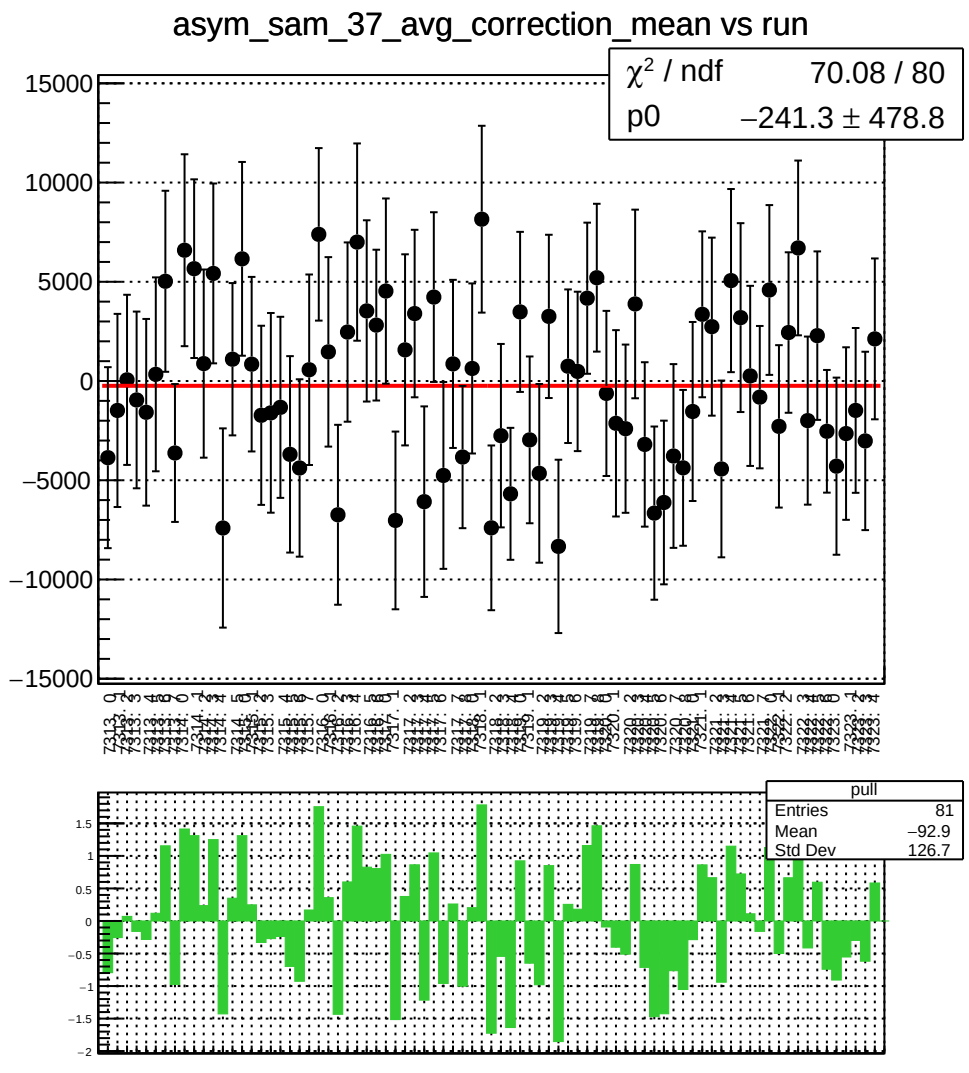

asym_sam_26_avg_mean vs run
χ² / ndf 76.92 / 80
p0 270.7 ± 431.6
15000
10000
5000
0
−5000
−10000
pull
Entries 81
Mean −298.6
Std Dev 342
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

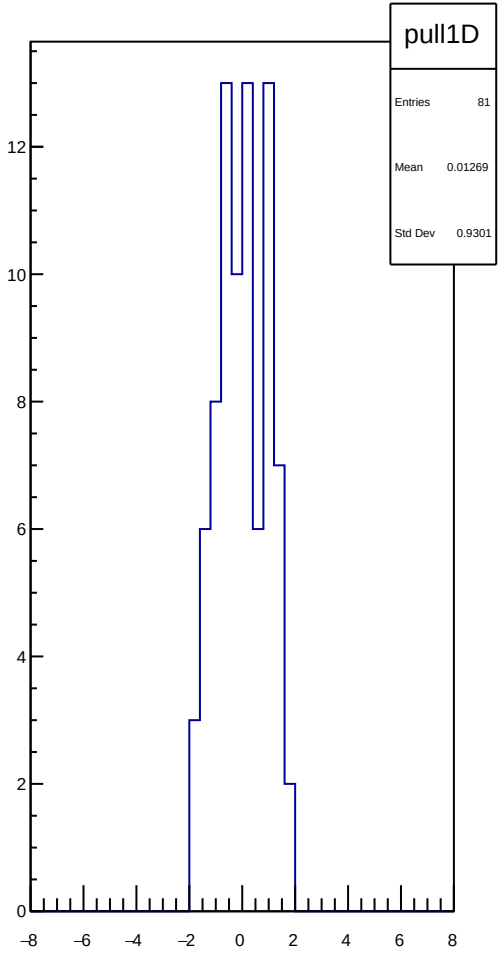

pull1D
Entries 81
Mean −0.00964
Std Dev 0.9744
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

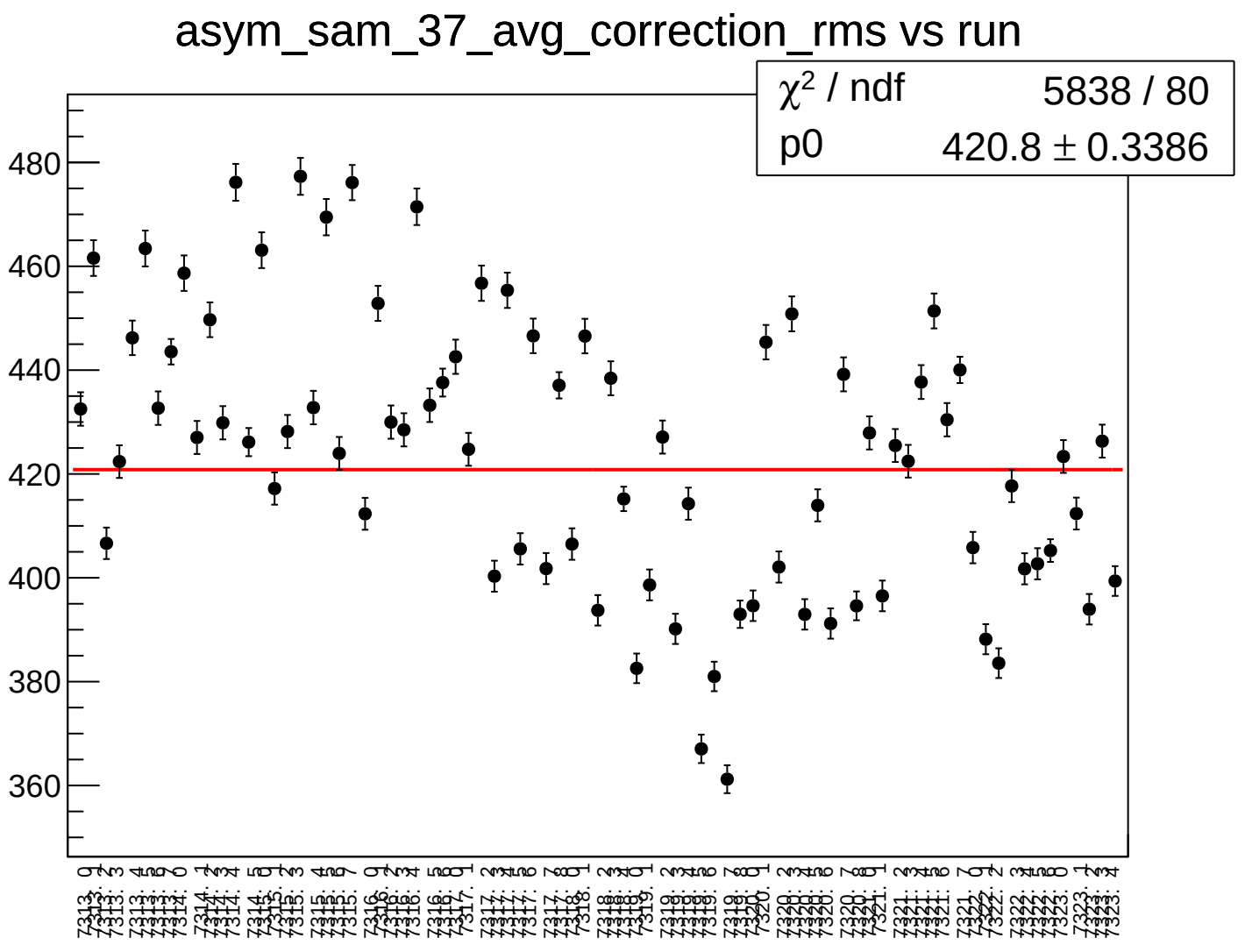

asym_sam_26_avg_rms vs run
χ^2 / ndf 1.017e+04 / 80
p0 378.8 ± 0.3052
460
440
420
400
380
360
340
320

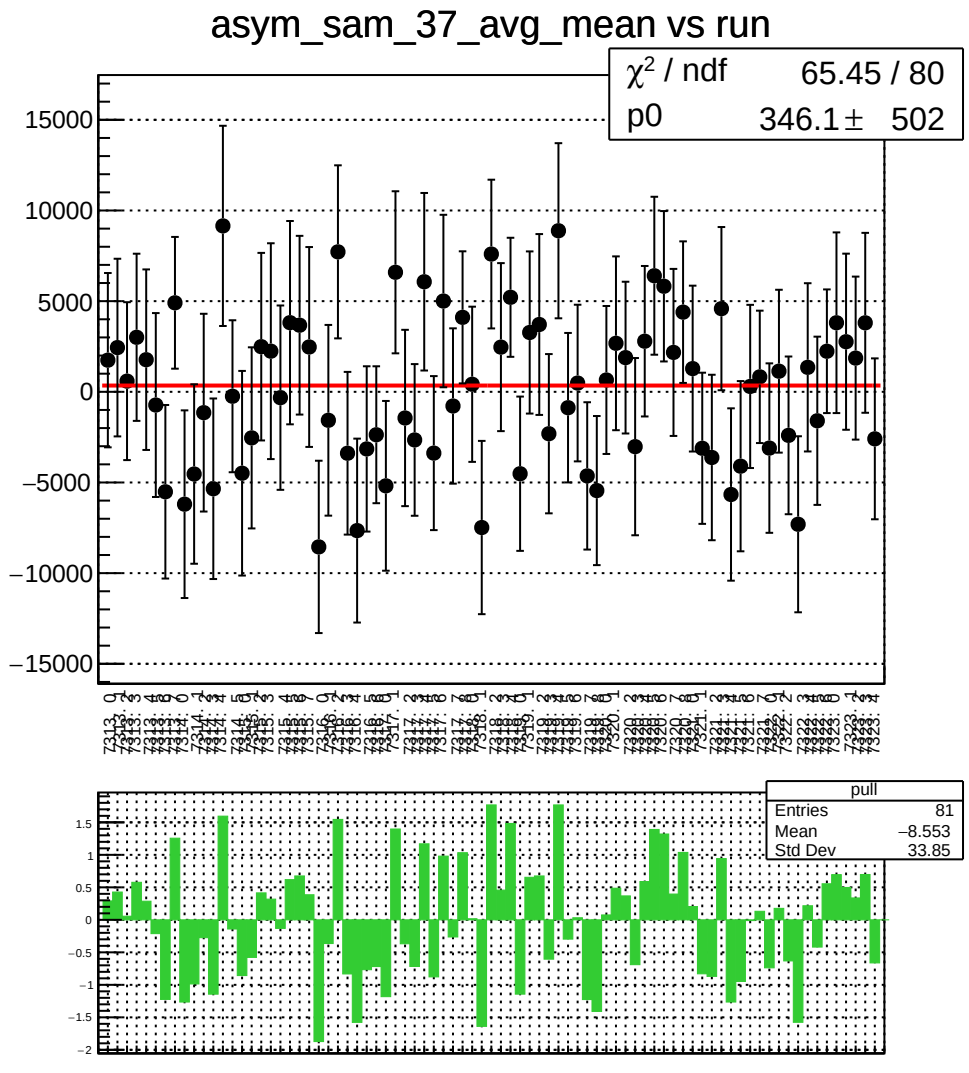

dit_asym_sam_37_avg_mean vs run
χ² / ndf 93.07 / 80
p0 20.12 ± 72.62
pull
Entries 81
Mean −101.3
Std Dev 138.2
pull1D
Entries 81
Mean 0.0324
Std Dev 1.071

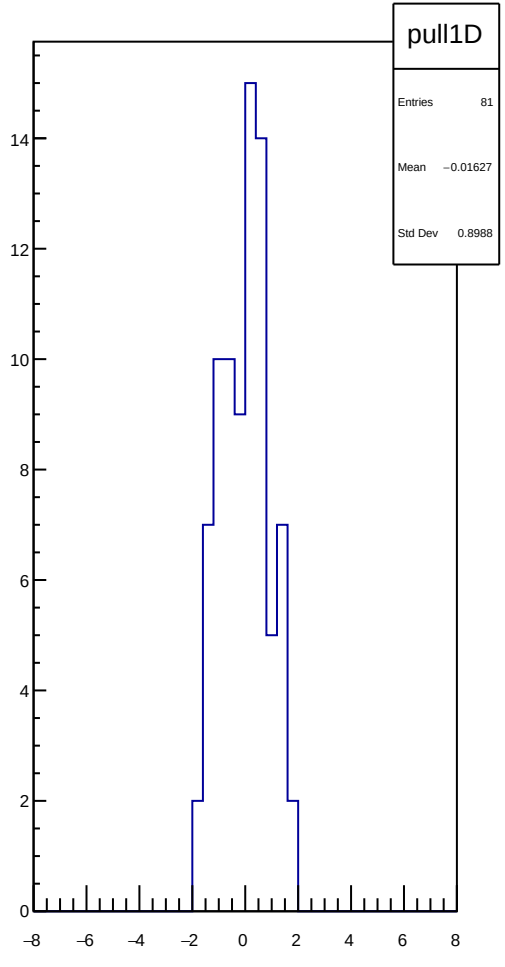

dit_asym_sam_37_avg_rms vs run
χ^2 / ndf 1.159e+05 / 80
p0 61.51 ± 0.05135
160
140
120
100
80
60
40

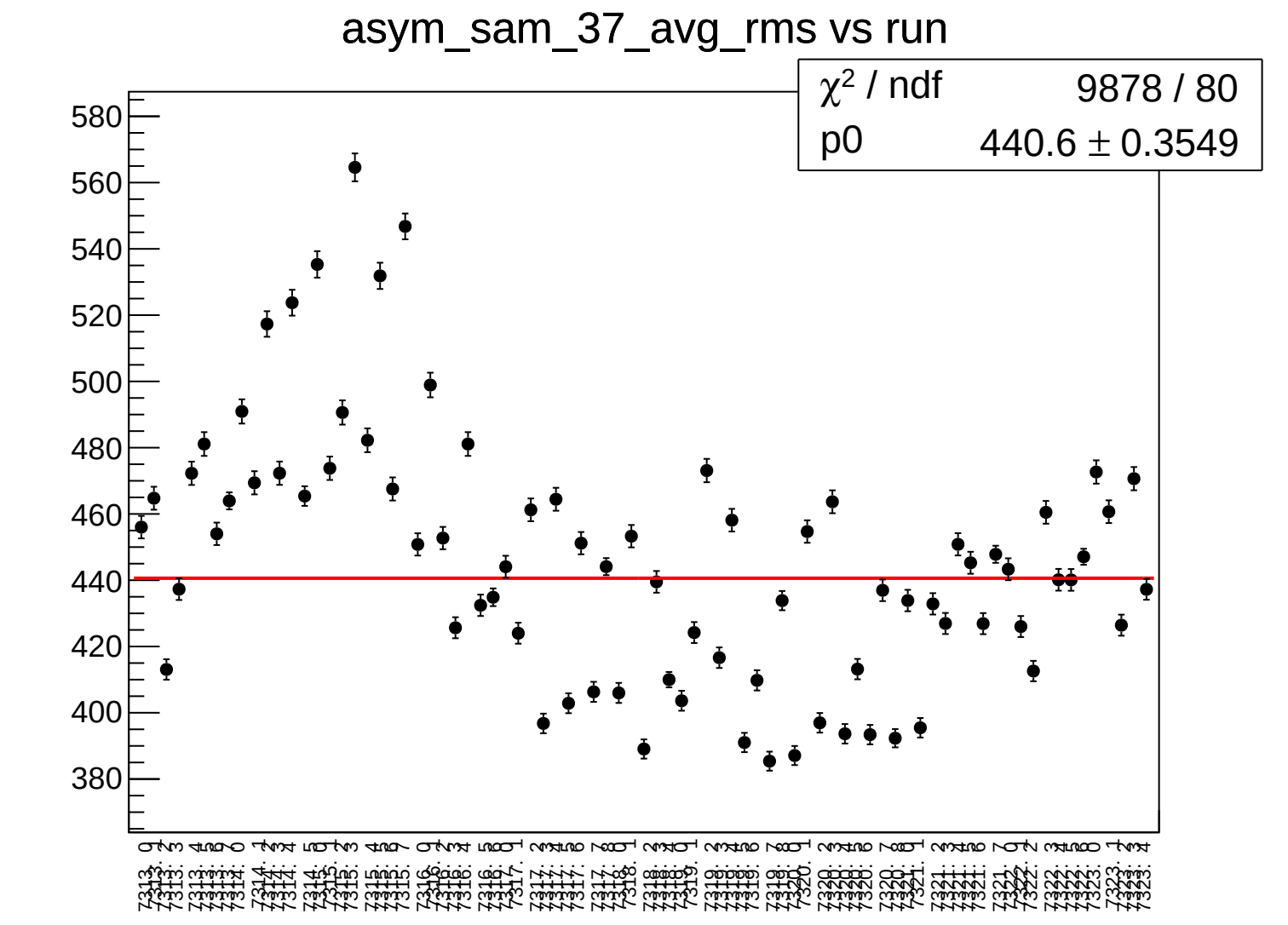

asym_sam_37_avg_correction_mean vs run
χ² / ndf 70.08 / 80
p0 −241.3 ± 478.8
pull
Entries 81
Mean −92.9
Std Dev 126.7

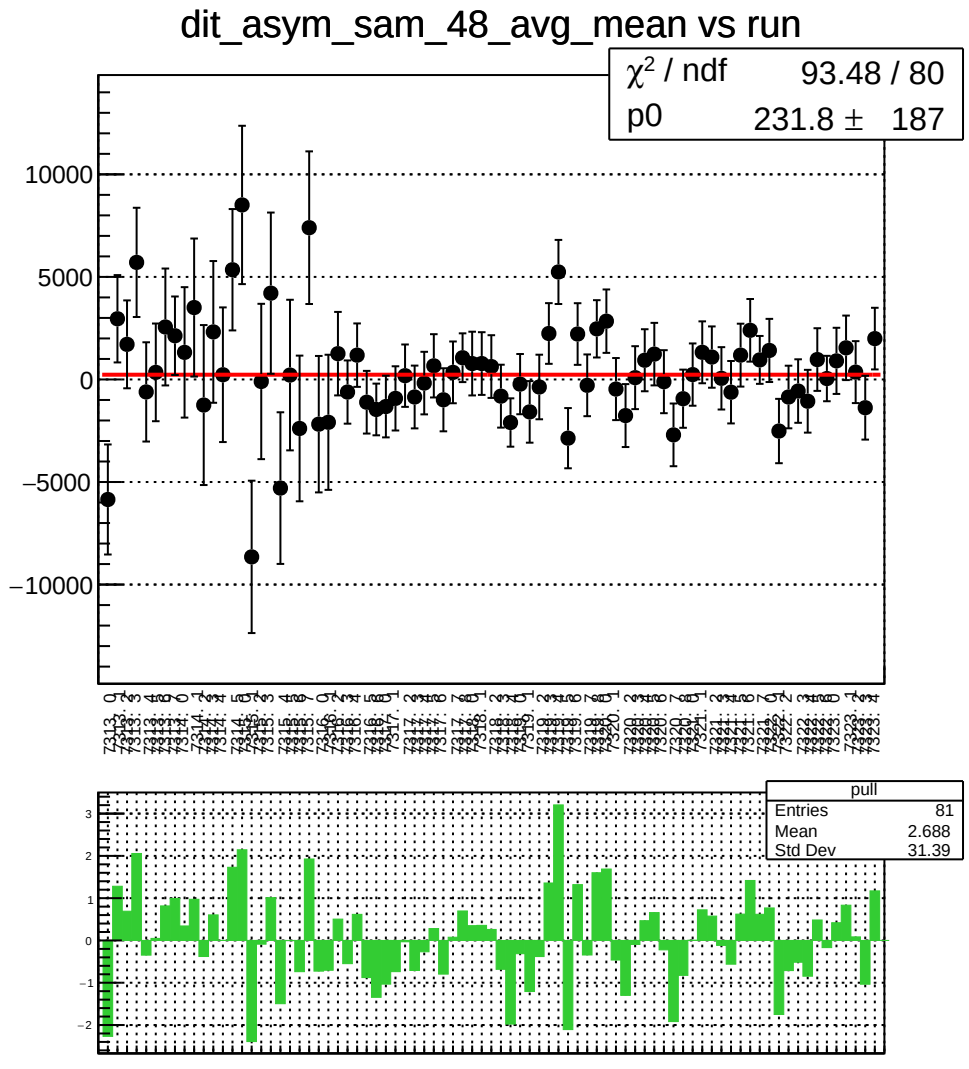

pull1D
Entries 81
Mean 0.01269
Std Dev 0.9301

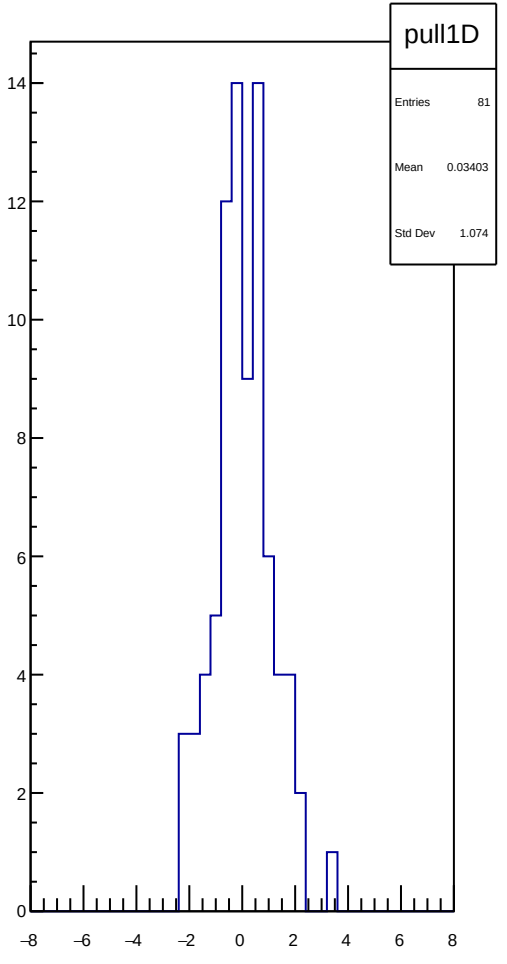

asym_sam_37_avg_correction_rms vs run
χ² / ndf 5838 / 80
p0 420.8 ± 0.3386
480
460
440
420
400
380
360

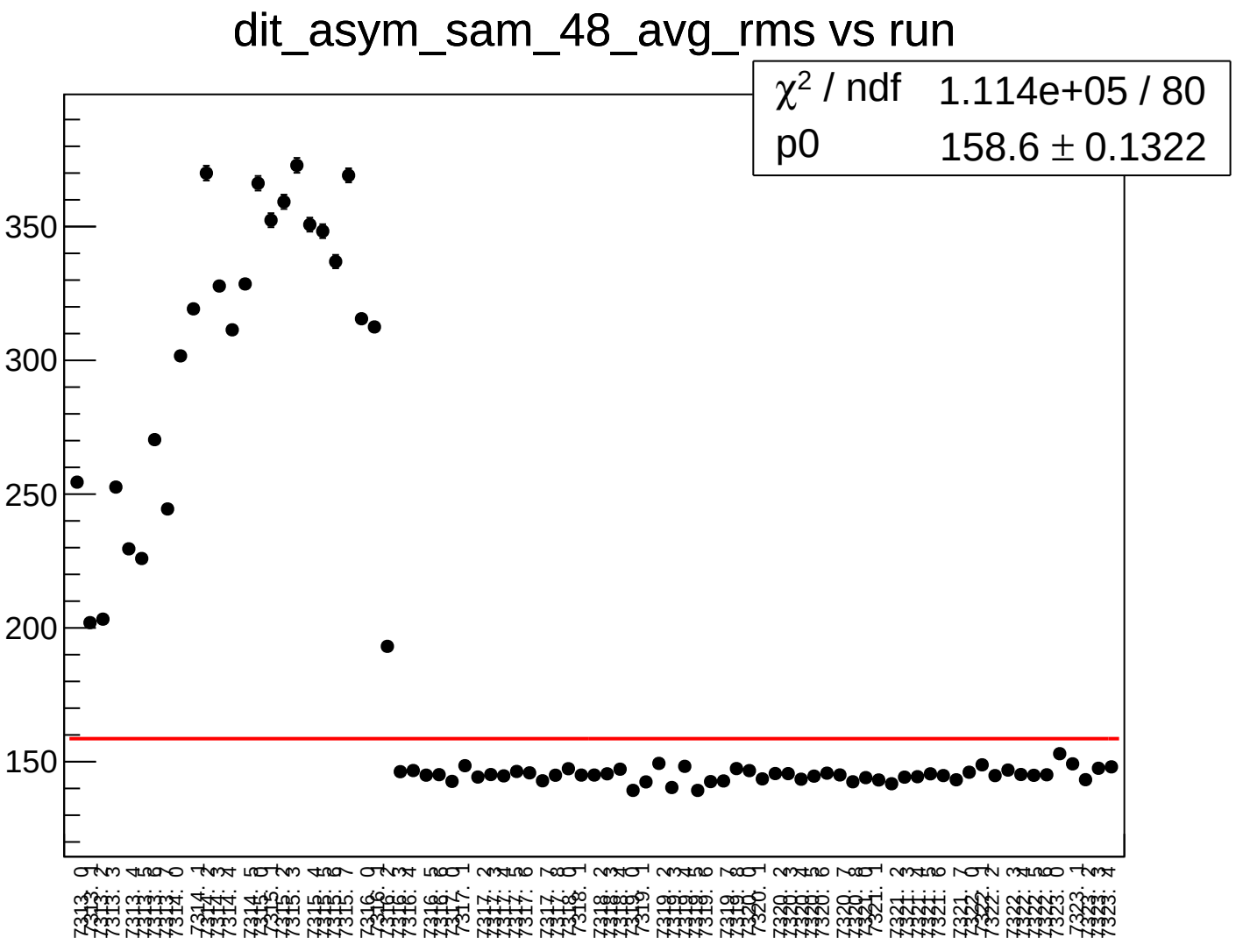

asym_sam_37_avg_mean vs run
χ² / ndf 65.45 / 80
p0 346.1 ± 502
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 81
Mean −8.553
Std Dev 33.85
1.5
1
0.5
0
−0.5
−1
−1.5
−2

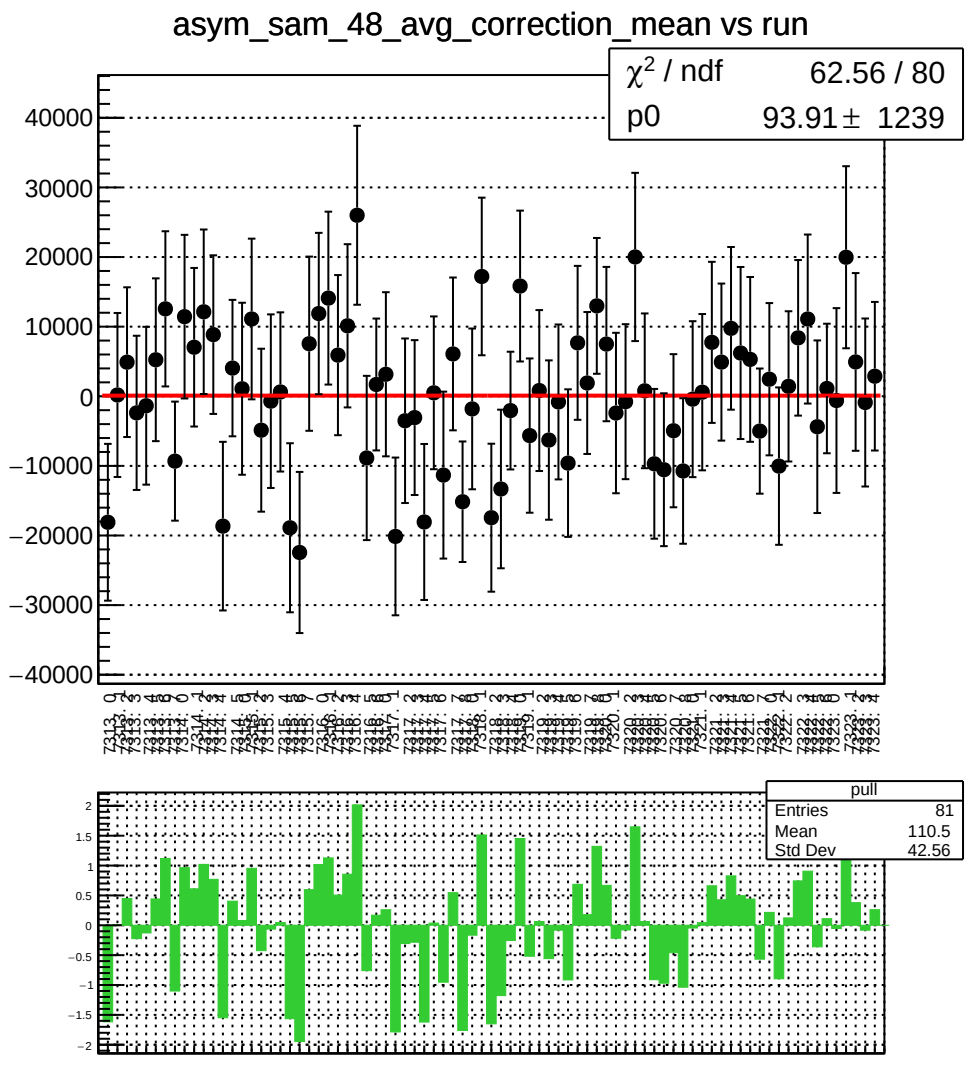

pull1D
Entries 81
Mean −0.01627
Std Dev 0.8988
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

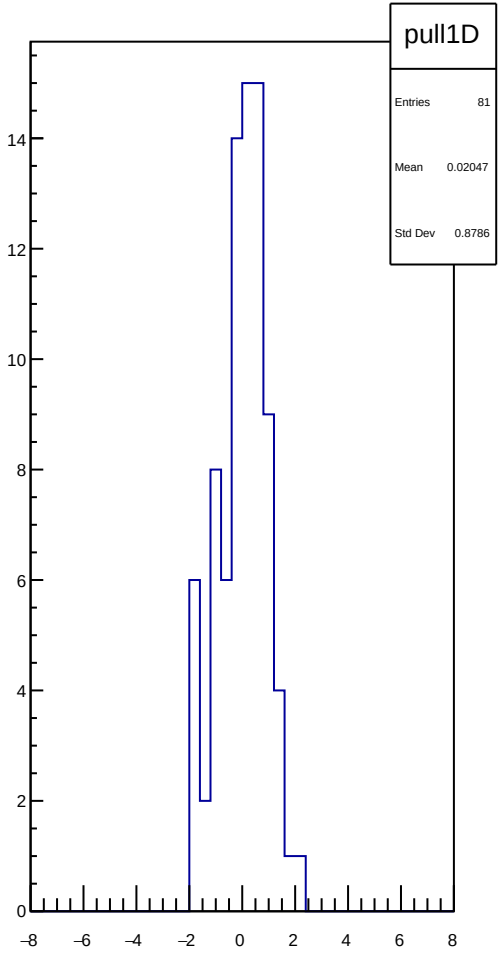

asym_sam_37_avg_rms vs run
χ² / ndf 9878 / 80
p0 440.6 ± 0.3549
580
560
540
520
500
480
460
440
420
400
380

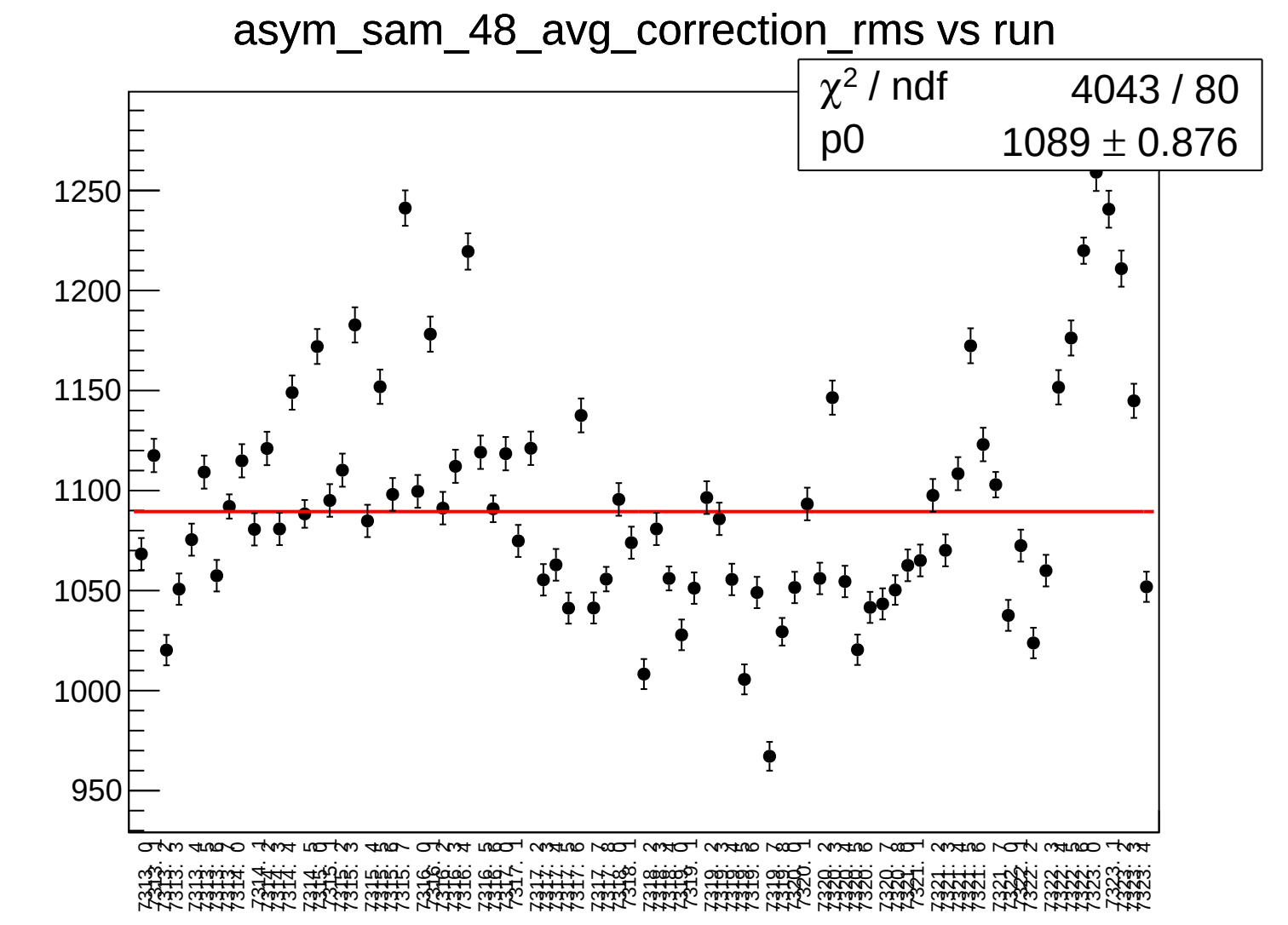

dit_asym_sam_48_avg_mean vs run
χ² / ndf 93.48 / 80
p0 231.8 ± 187
10000
5000
0
−5000
−10000
pull
Entries 81
Mean 2.688
Std Dev 31.39
3
2
1
0
−1
−2

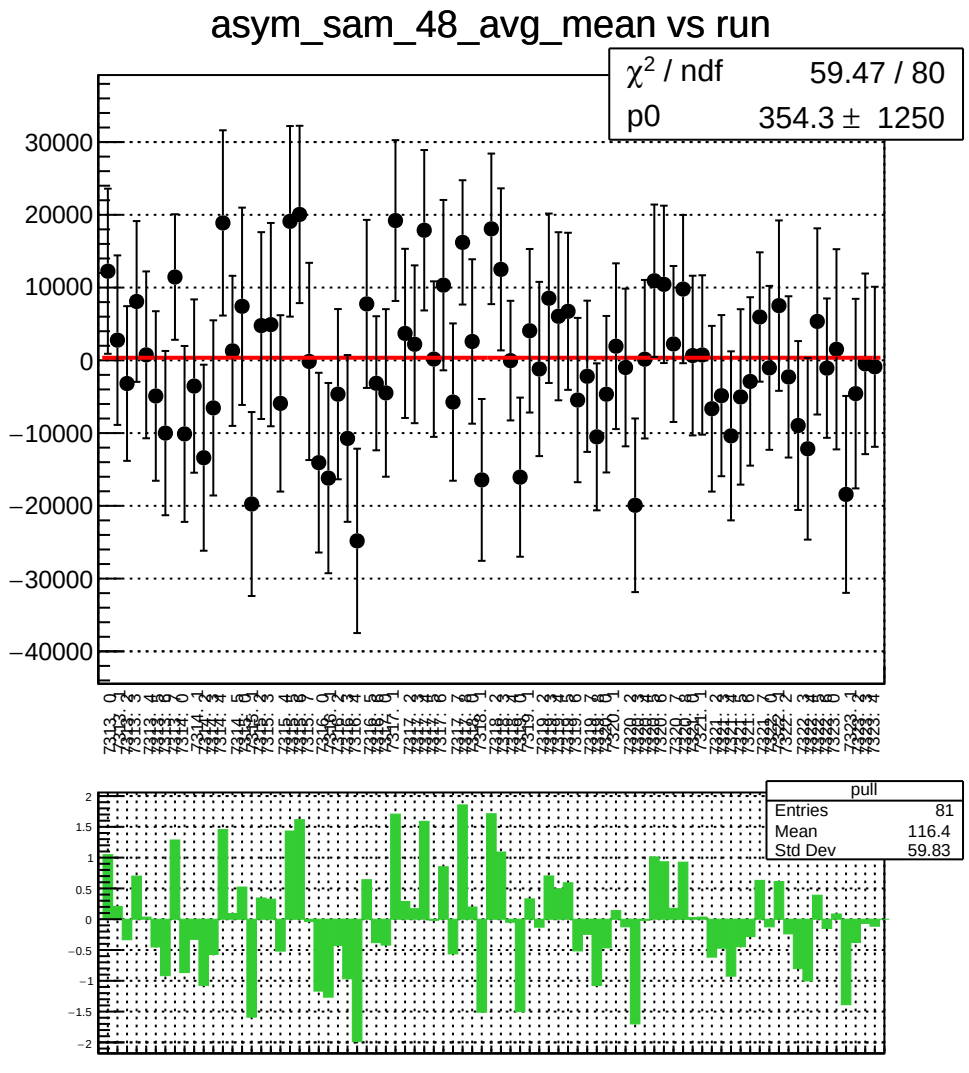

pull1D
Entries 81
Mean 0.03403
Std Dev 1.074
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

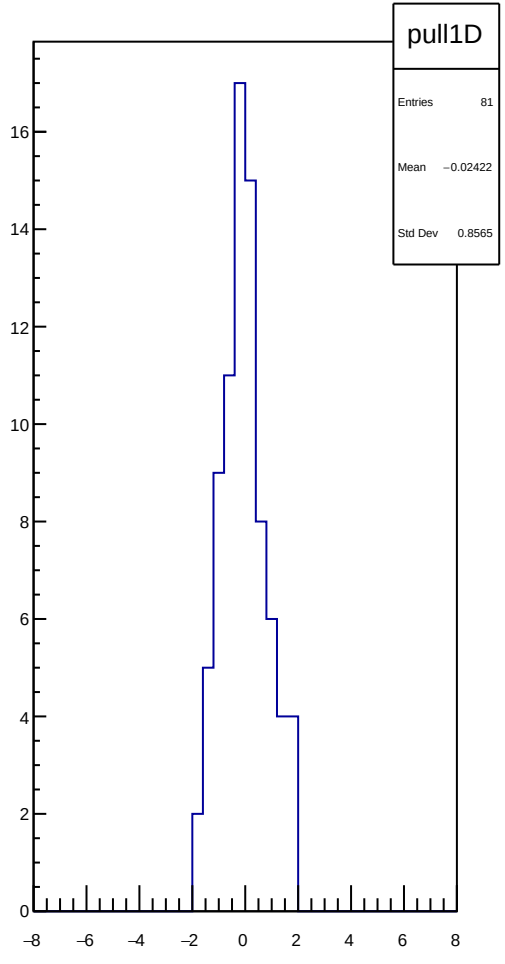

dit_asym_sam_48_avg_rms vs run
χ^2 / ndf 1.114e+05 / 80
p0 158.6 ± 0.1322
350
300
250
200
150

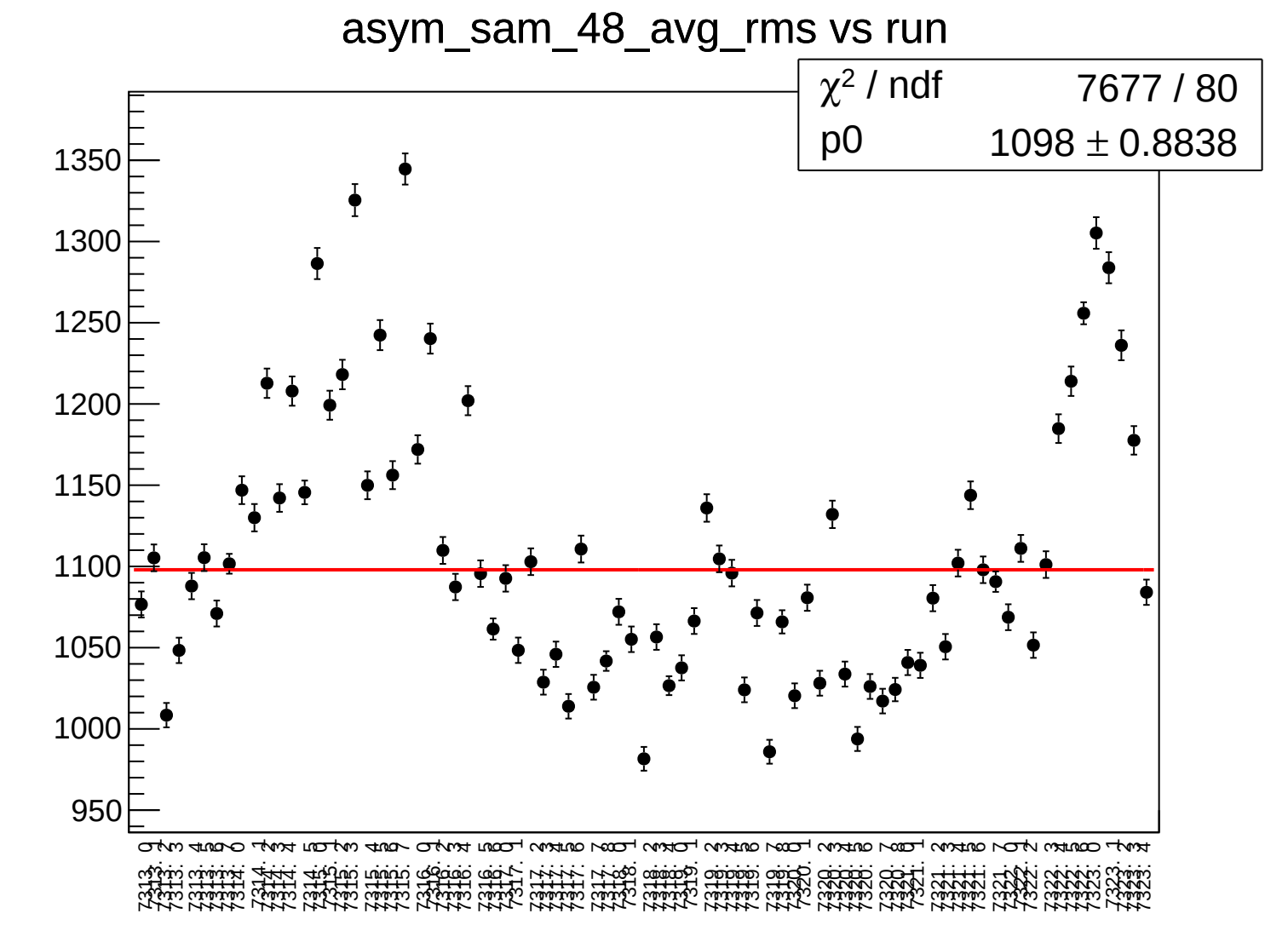

asym_sam_48_avg_correction_mean vs run
χ² / ndf 62.56 / 80
p0 93.91 ± 1239
pull
Entries 81
Mean 110.5
Std Dev 42.56

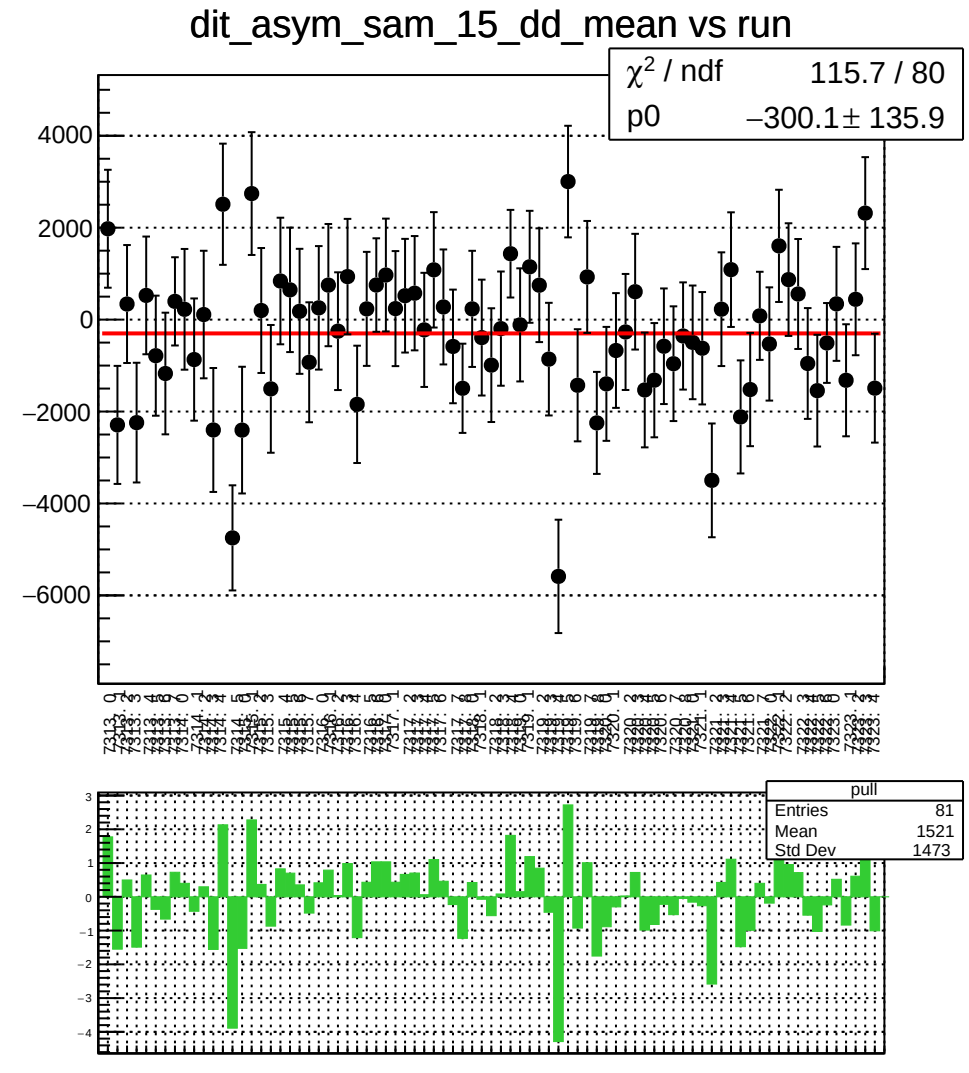

pull1D
Entries 81
Mean 0.02047
Std Dev 0.8786

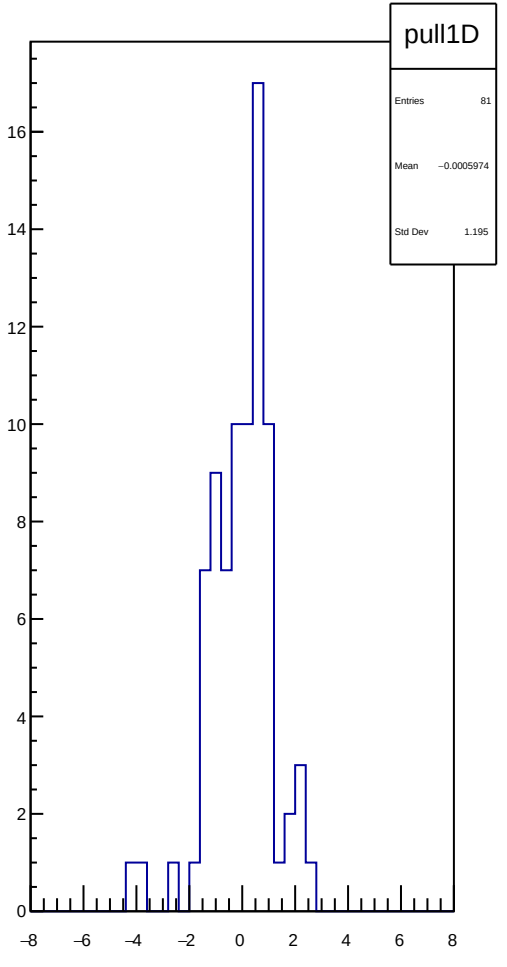

asym_sam_48_avg_correction_rms vs run
χ² / ndf 4043 / 80
p0 1089 ± 0.876
1250
1200
1150
1100
1050
1000
950

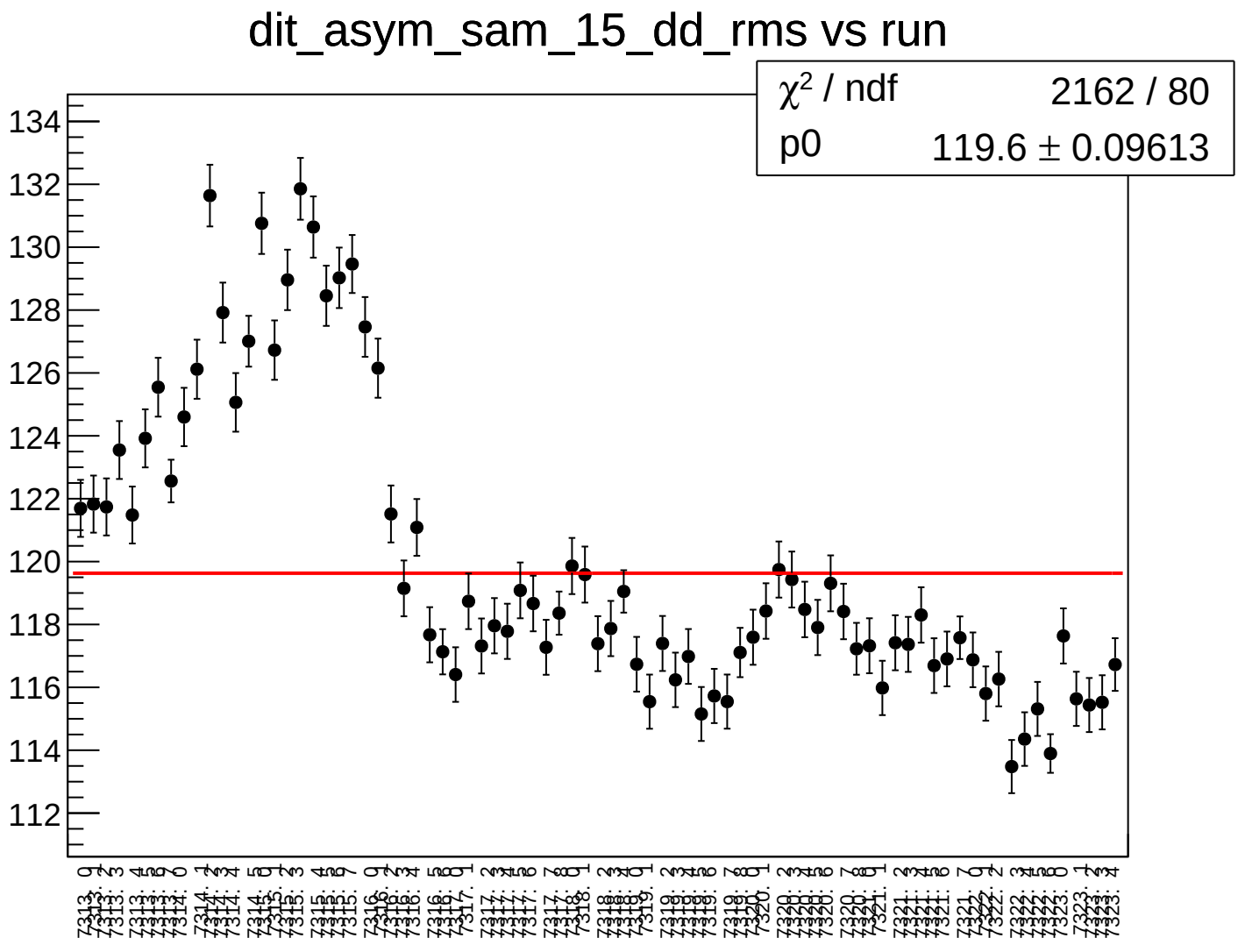

asym_sam_48_avg_mean vs run
χ² / ndf 59.47 / 80
p0 354.3 ± 1250
30000
20000
10000
0
−10000
−20000
−30000
−40000
pull
Entries 81
Mean 116.4
Std Dev 59.83
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

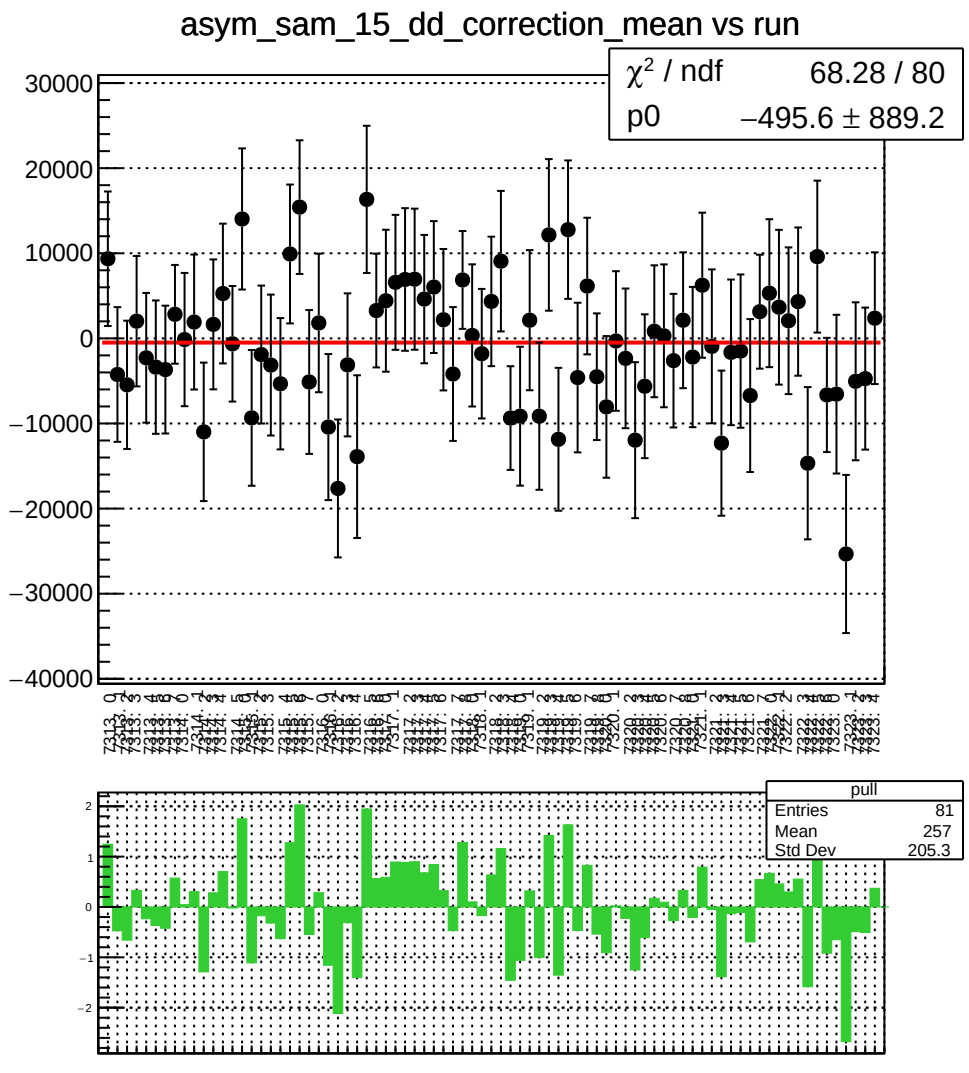

pull1D
Entries 81
Mean −0.02422
Std Dev 0.8565
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

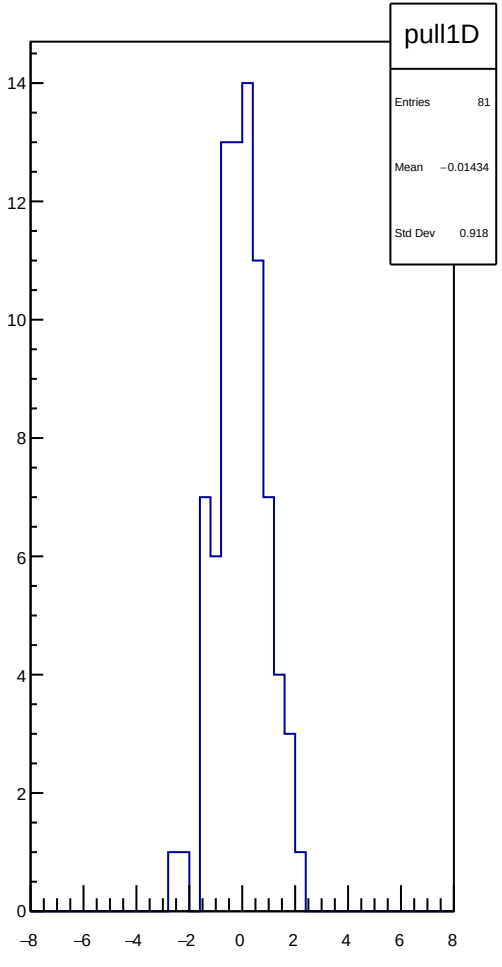

asym_sam_48_avg_rms vs run
χ² / ndf 7677 / 80
p0 1098 ± 0.8838
1350
1300
1250
1200
1150
1100
1050
1000
950

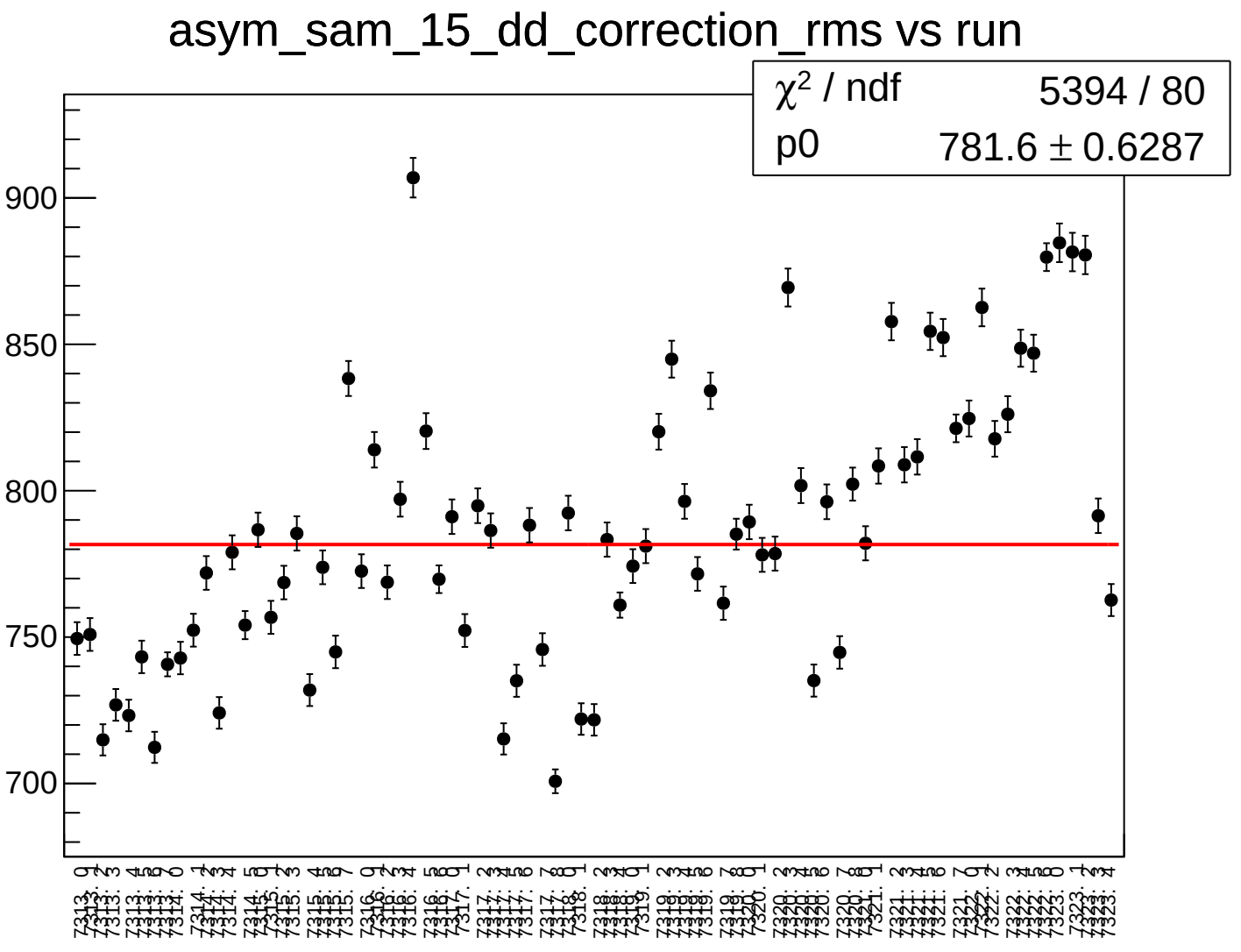

dit_asym_sam_15_dd_mean vs run
χ² / ndf 115.7 / 80
p0 −300.1± 135.9
4000
2000
0
−2000
−4000
−6000
pull
Entries 81
Mean 1521
Std Dev 1473
3
2
1
0
−1
−2
−3
−4

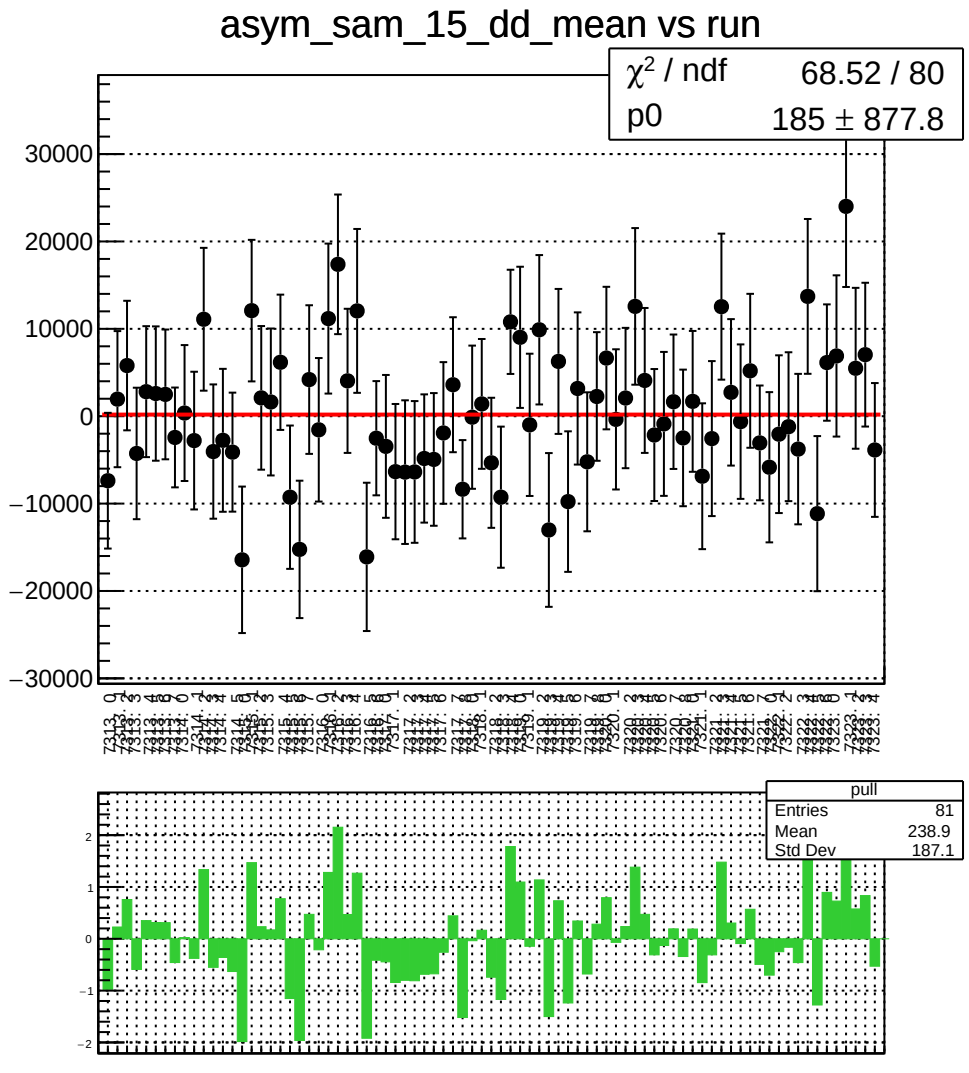

pull1D
Entries 81
Mean −0.0005974
Std Dev 1.195
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

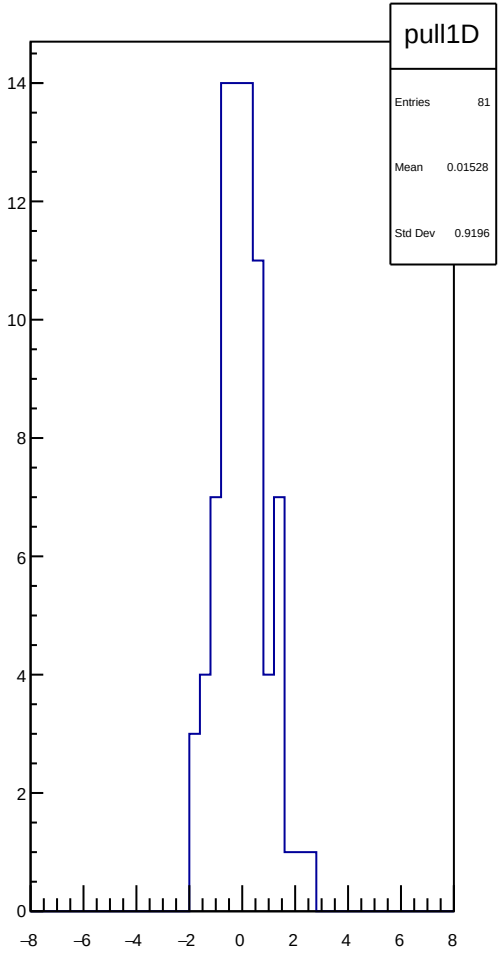

dit_asym_sam_15_dd_rms vs run
χ² / ndf 2162 / 80
p0 119.6 ± 0.09613
134
132
130
128
126
124
122
120
118
116
114
112

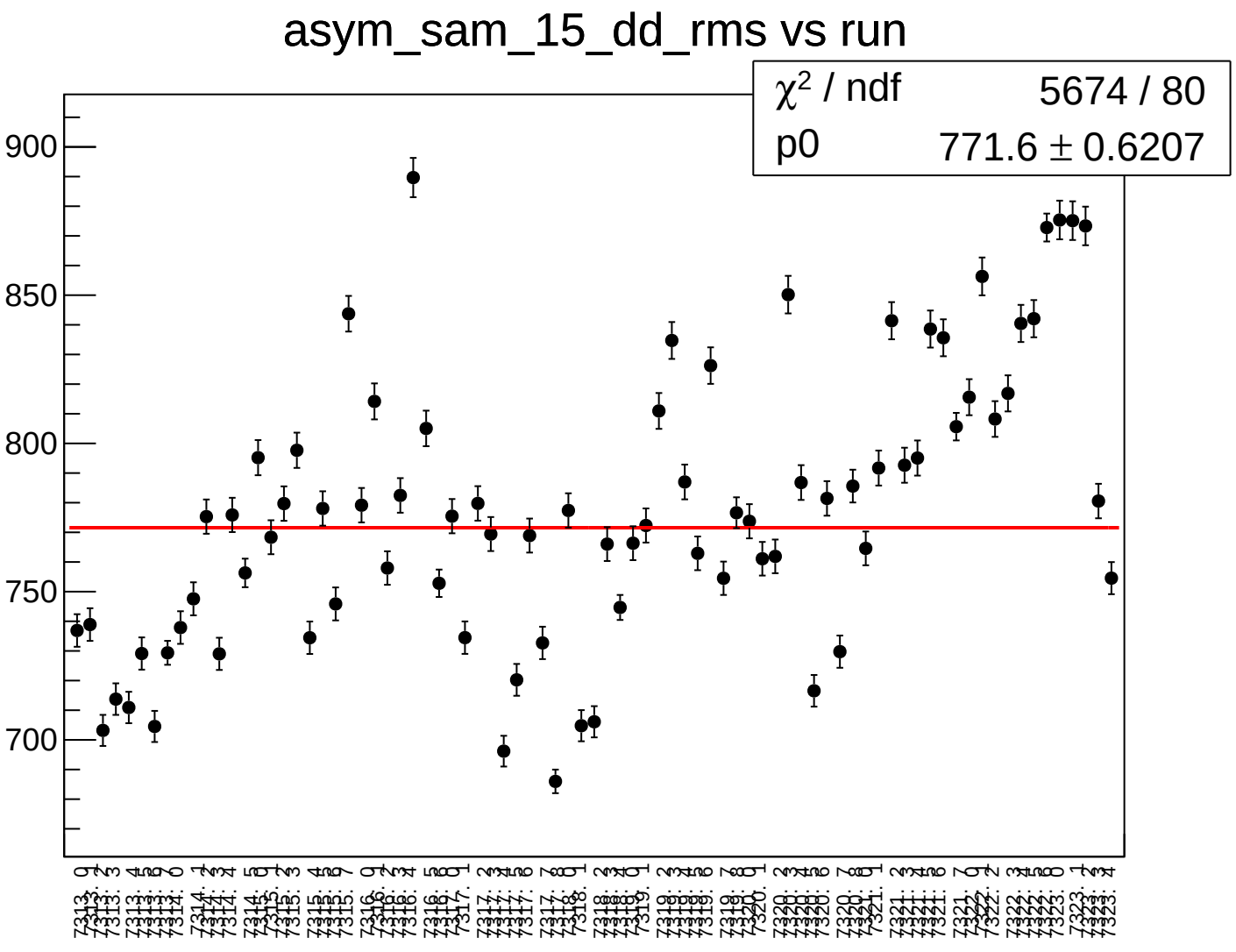

asym_sam_15_dd_correction_mean vs run
χ² / ndf 68.28 / 80
p0 −495.6 ± 889.2
pull
Entries 81
Mean 257
Std Dev 205.3

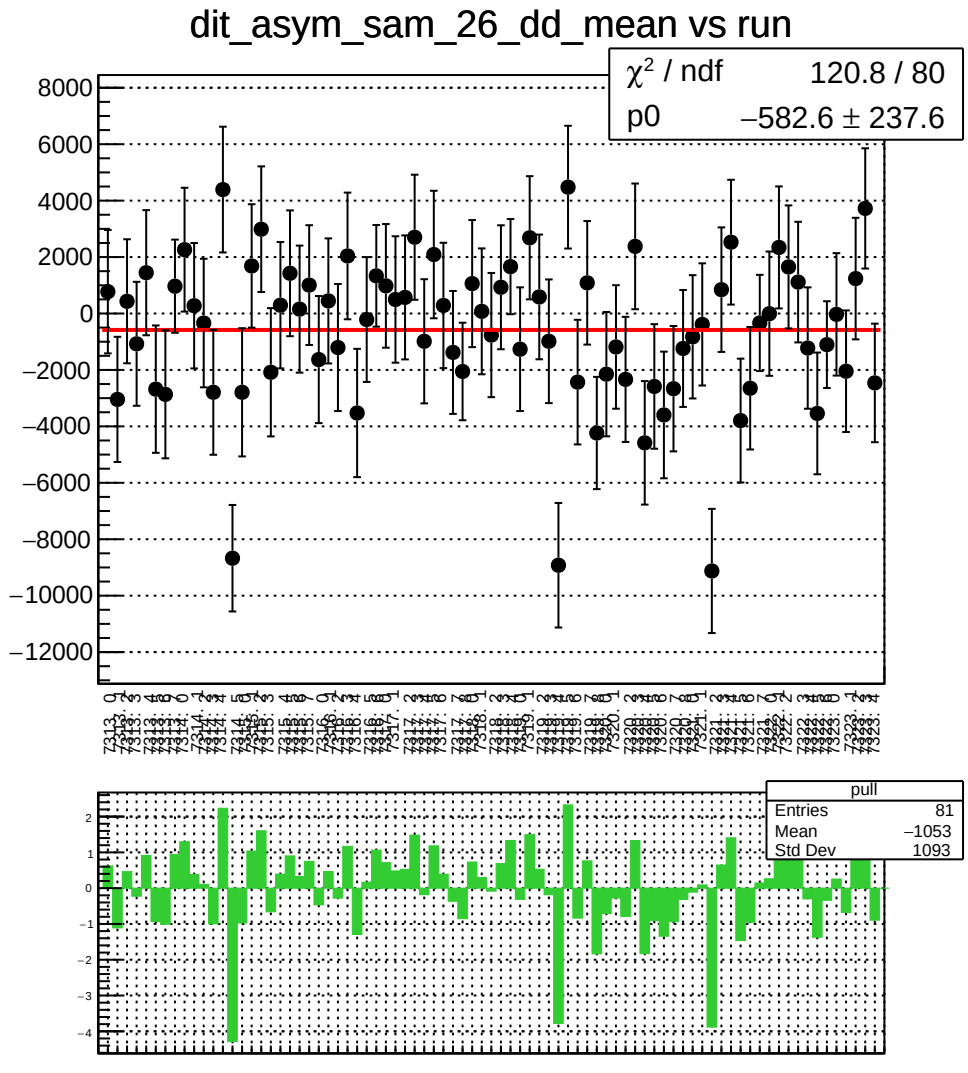

pull1D
Entries 81
Mean −0.01434
Std Dev 0.918

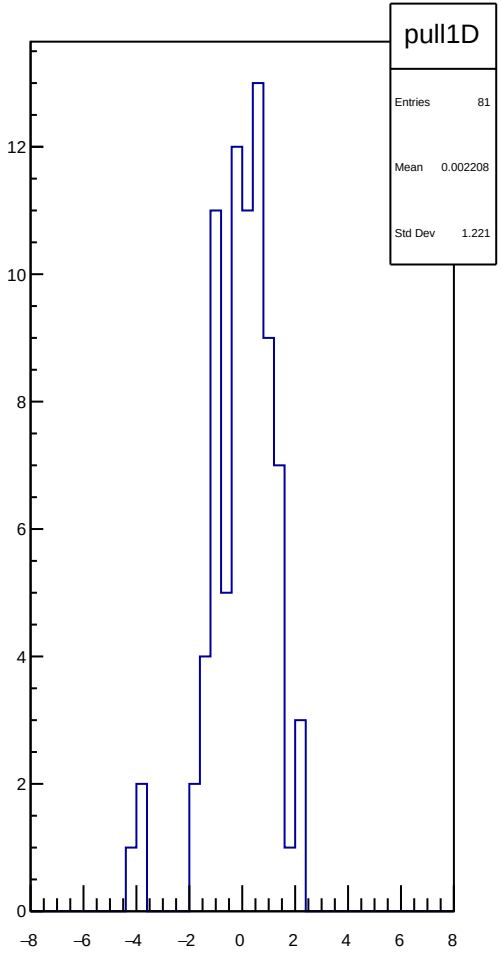

asym_sam_15_dd_correction_rms vs run
χ² / ndf 5394 / 80
p0 781.6 ± 0.6287
900
850
800
750
700

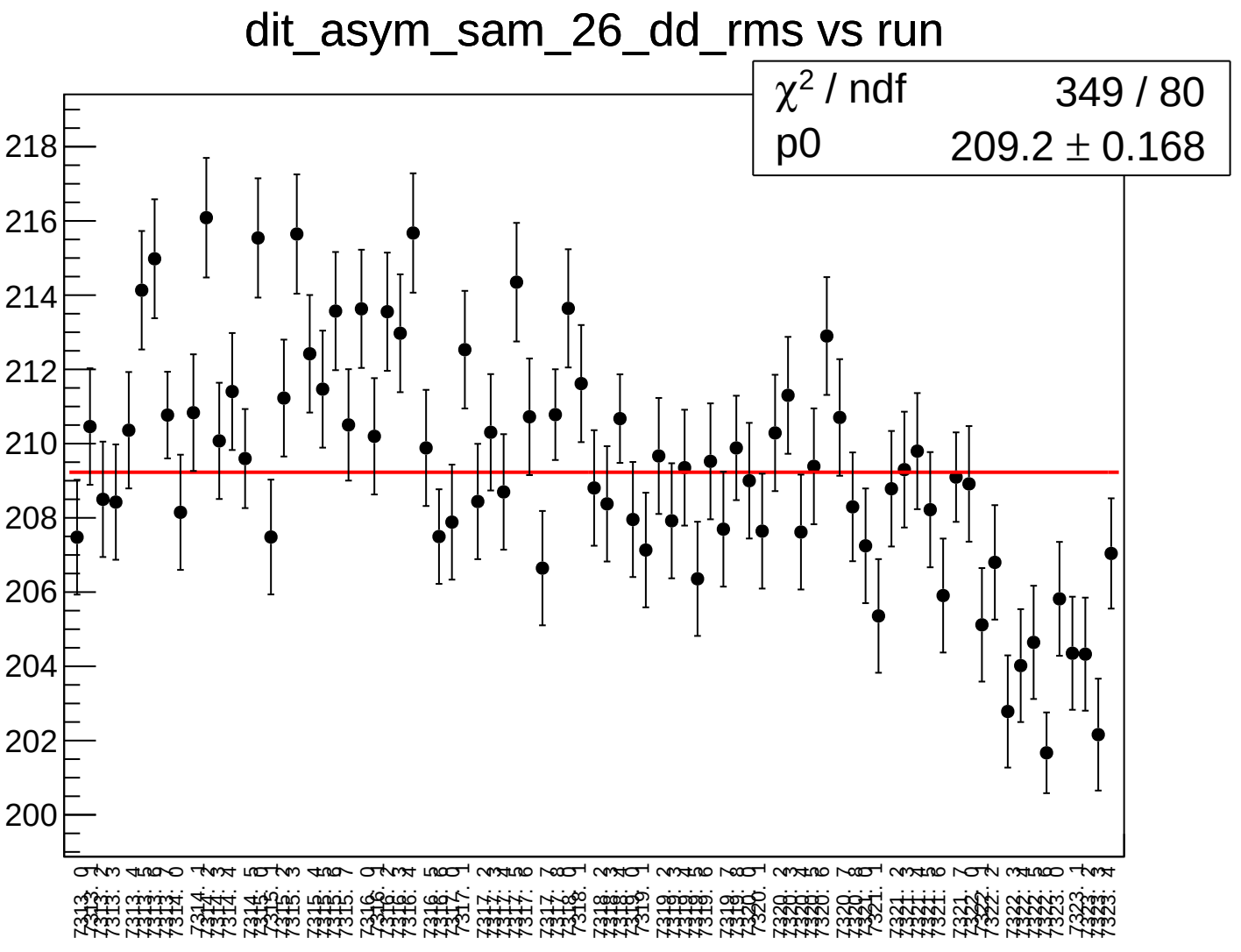

asym_sam_15_dd_mean vs run
χ² / ndf 68.52 / 80
p0 185 ± 877.8
pull
Entries 81
Mean 238.9
Std Dev 187.1

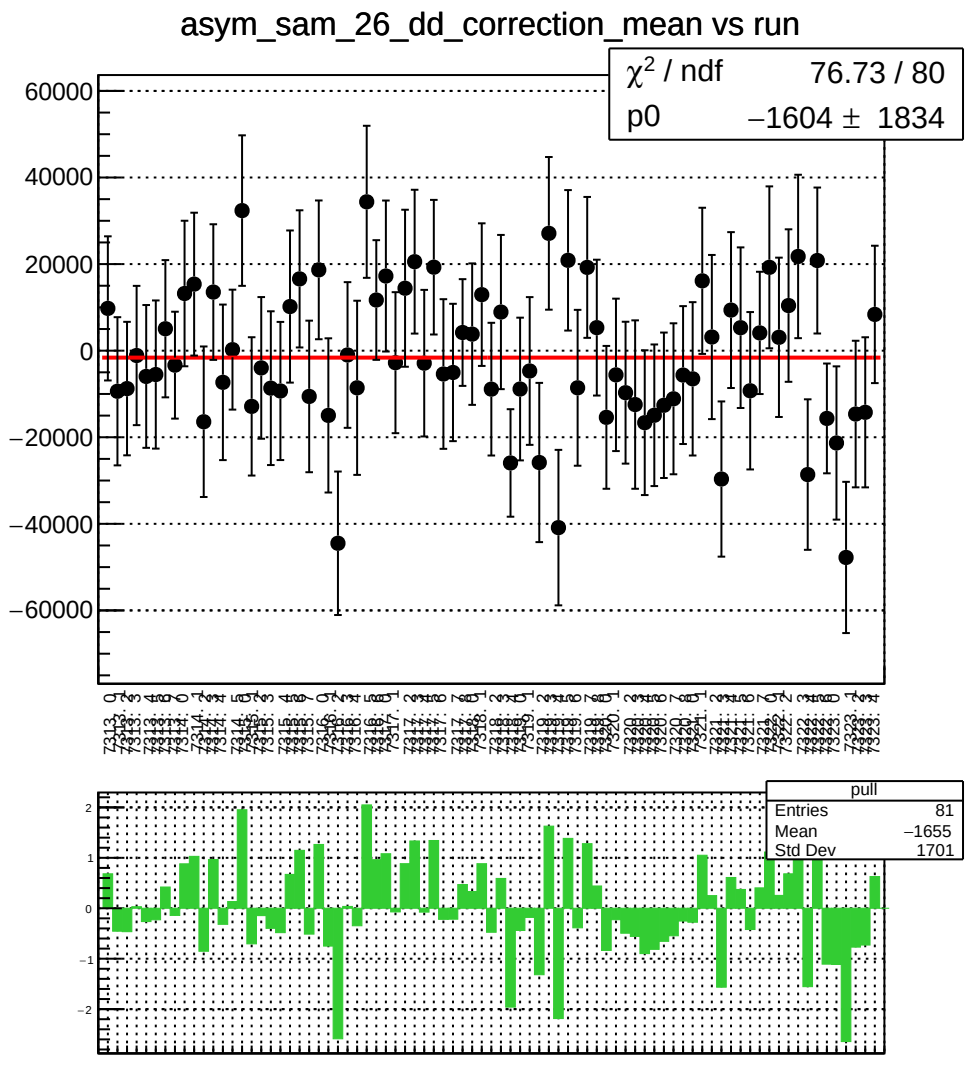

pull1D
Entries 81
Mean 0.01528
Std Dev 0.9196

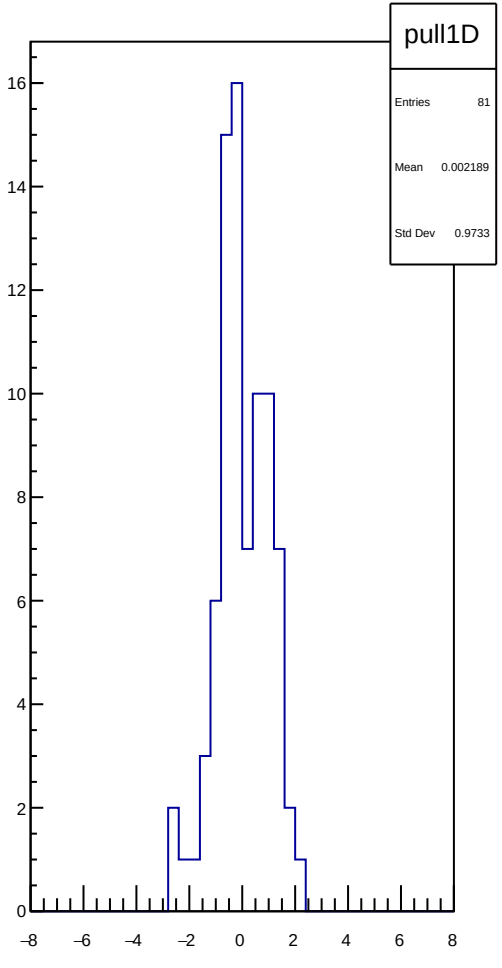

asym_sam_15_dd_rms vs run
χ^2 / ndf 5674 / 80
p0 771.6 ± 0.6207
900
850
800
750
700

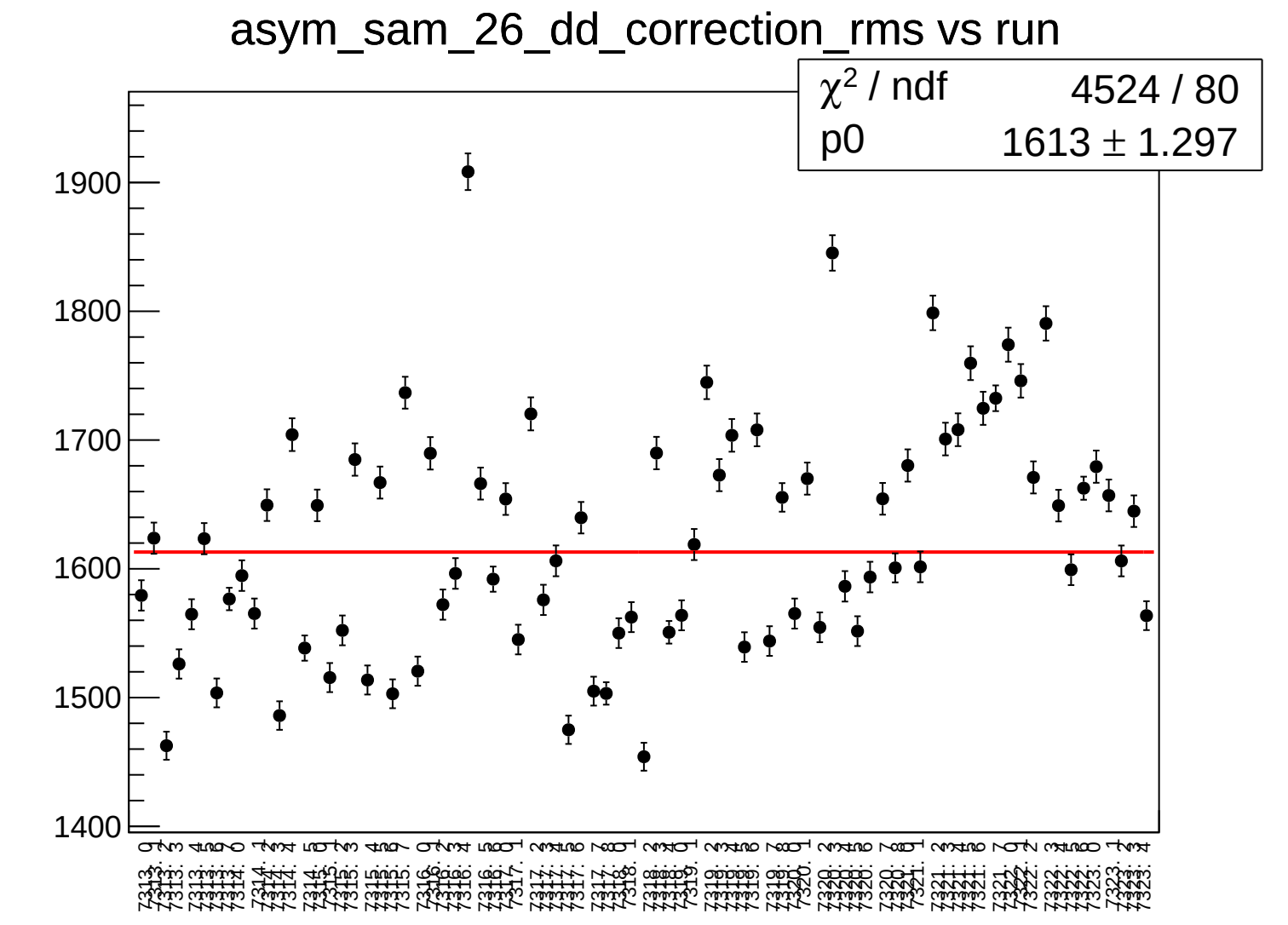

dit_asym_sam_26_dd_mean vs run
χ² / ndf 120.8 / 80
p0 −582.6 ± 237.6
pull
Entries 81
Mean −1053
Std Dev 1093

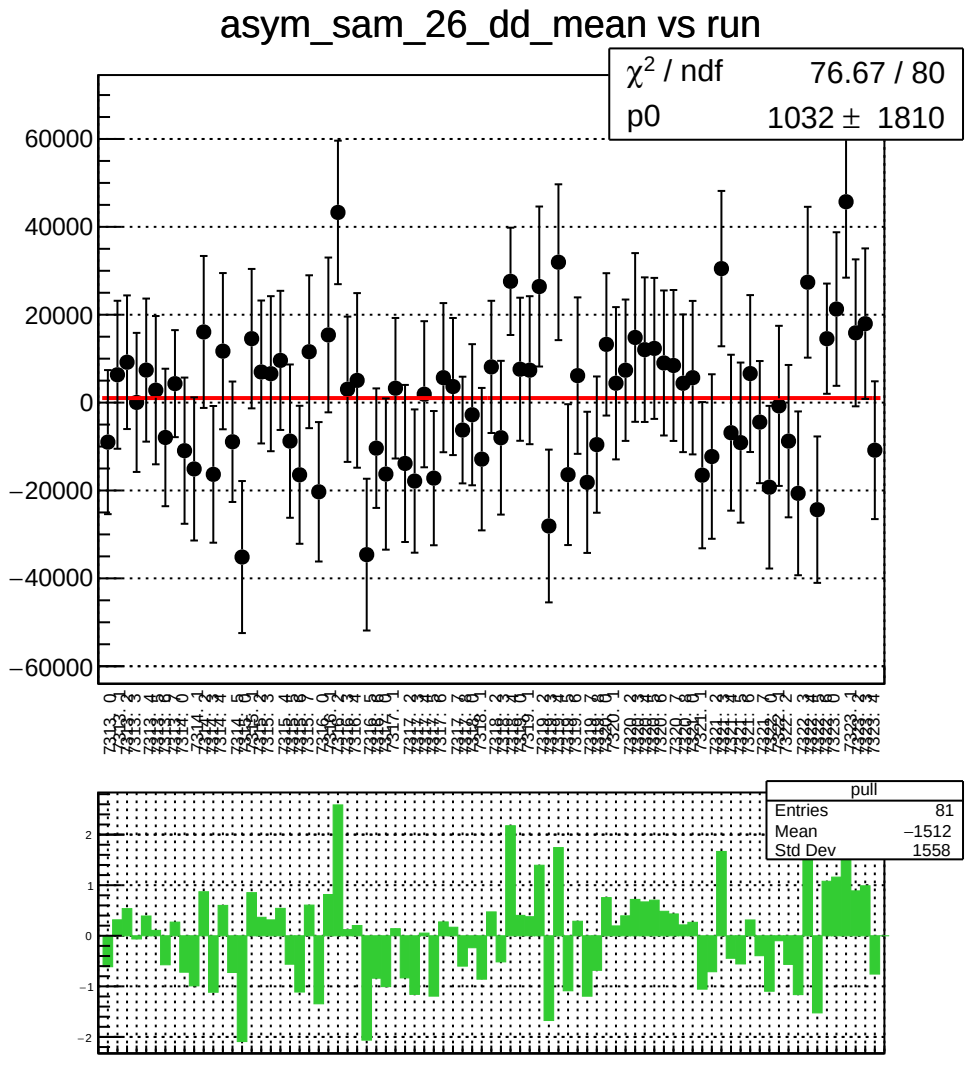

pull1D
Entries 81
Mean 0.002208
Std Dev 1.221

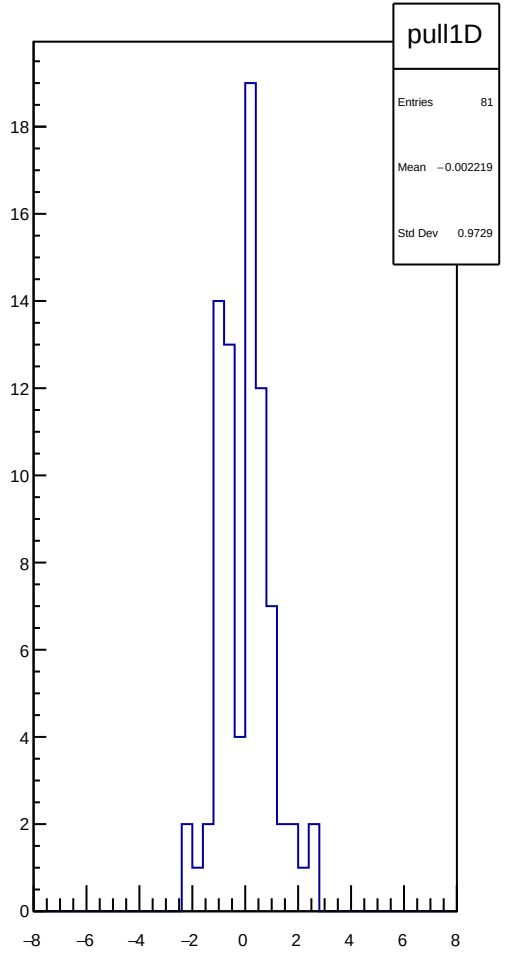

dit_asym_sam_26_dd_rms vs run
χ² / ndf 349 / 80
p0 209.2 ± 0.168
218
216
214
212
210
208
206
204
202
200

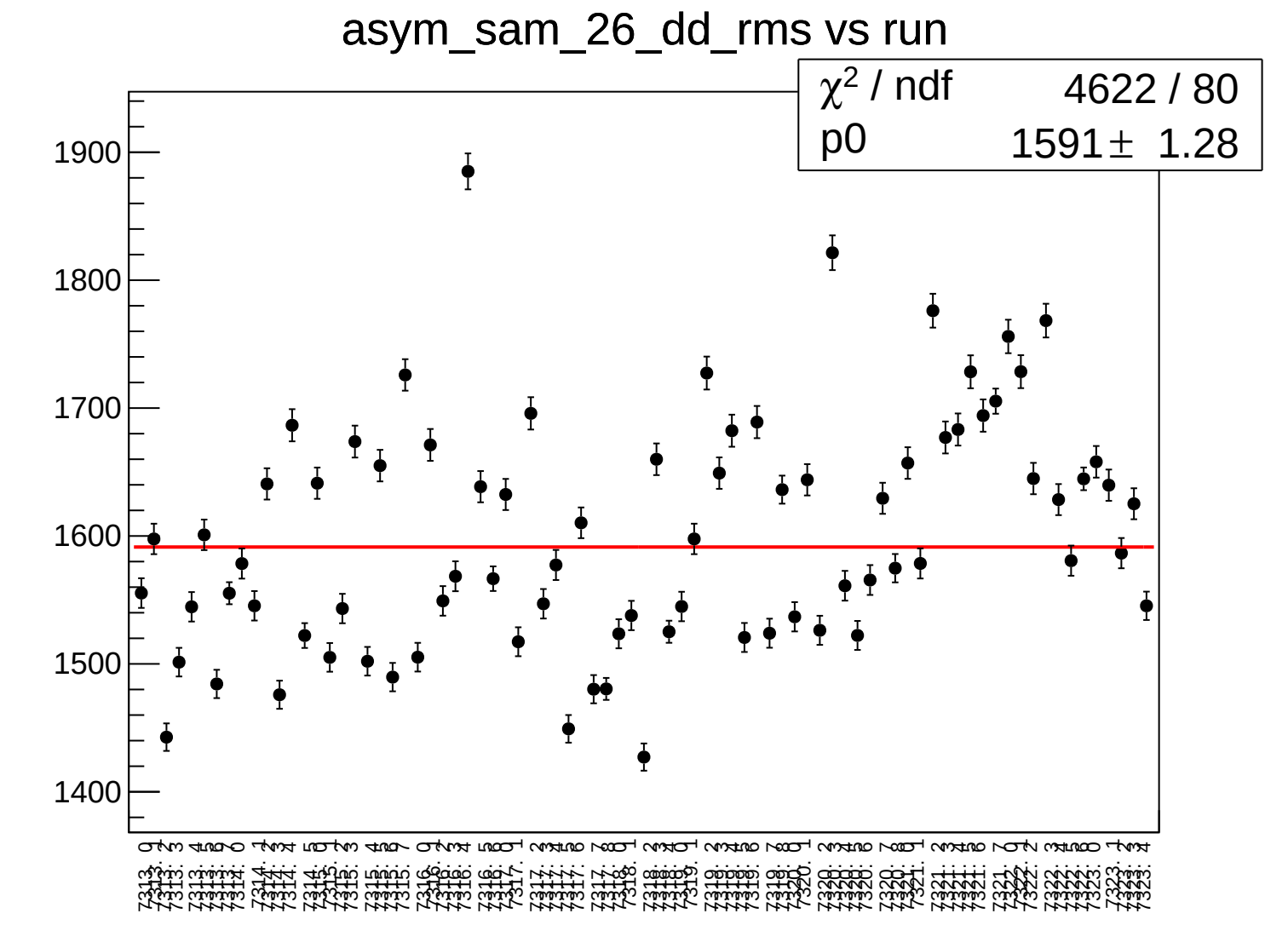

asym_sam_26_dd_correction_mean vs run
χ² / ndf 76.73 / 80
p0 −1604 ± 1834
pull
Entries 81
Mean −1655
Std Dev 1701

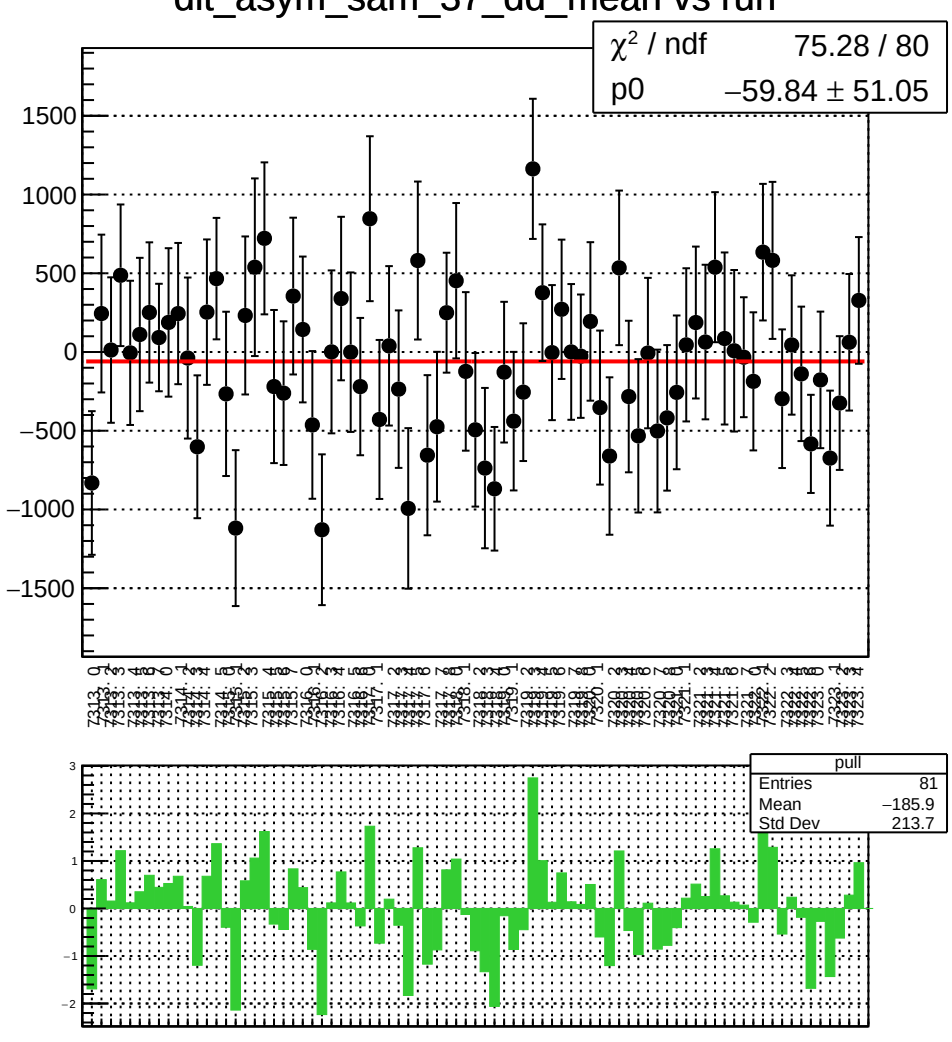

pull1D
Entries 81
Mean 0.002189
Std Dev 0.9733

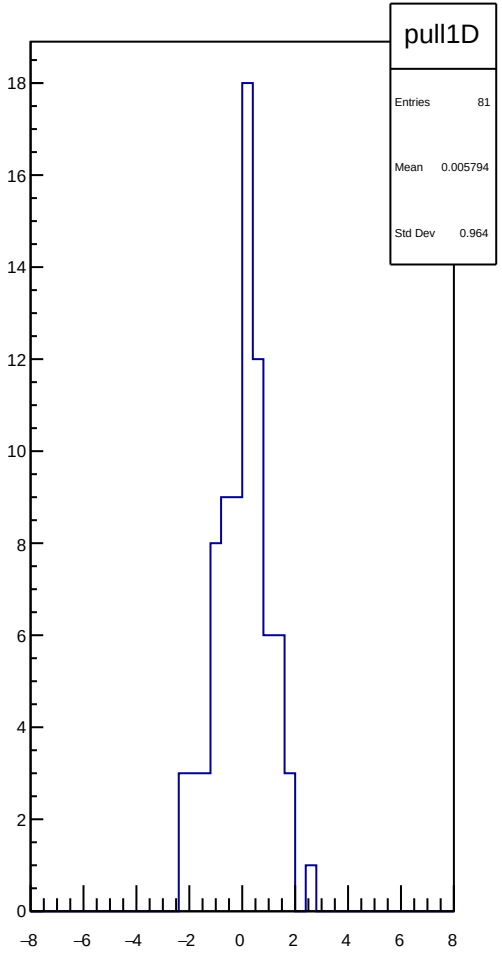

asym_sam_26_dd_correction_rms vs run
χ² / ndf 4524 / 80
p0 1613 ± 1.297
1900
1800
1700
1600
1500
1400

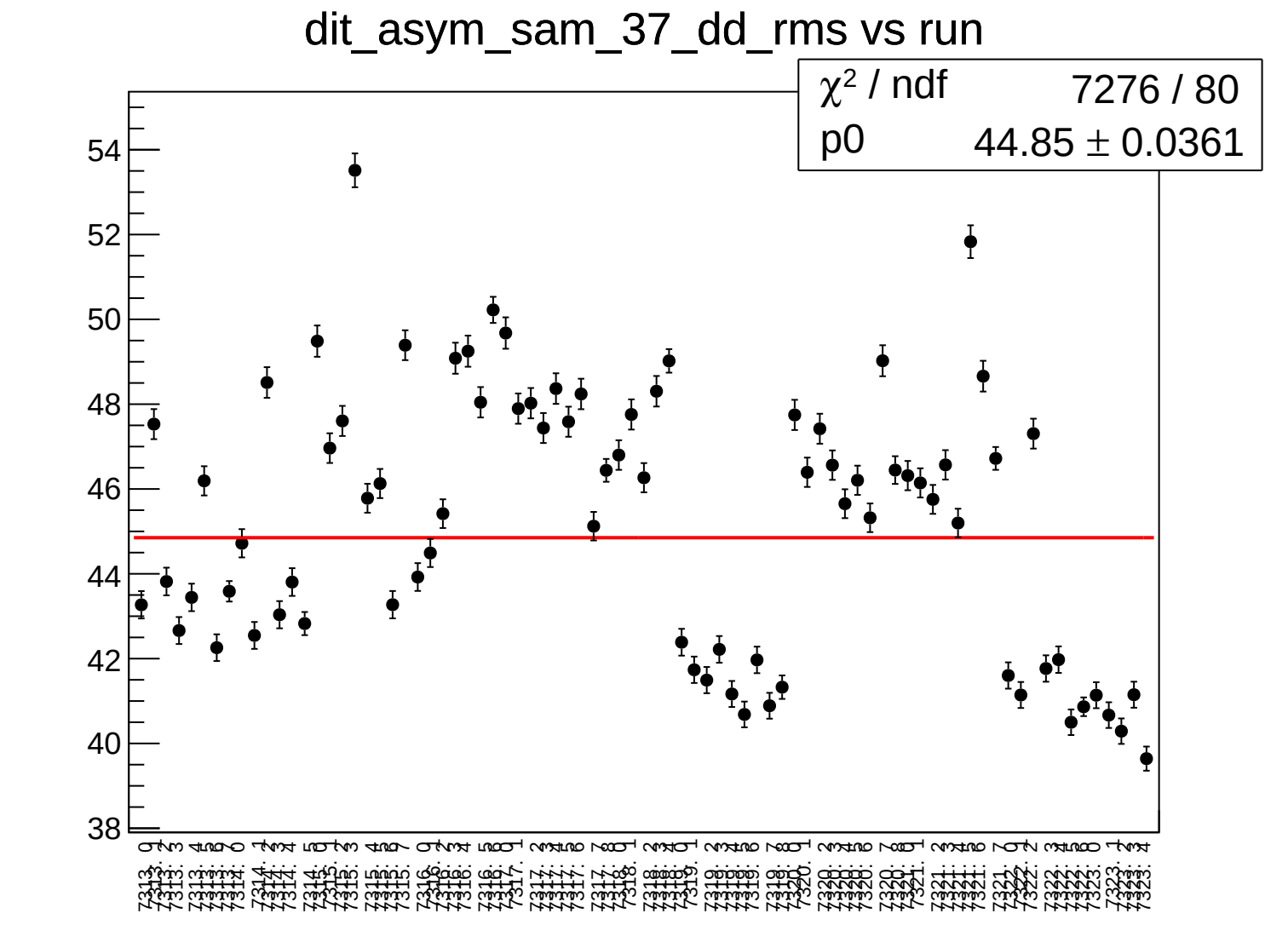

asym_sam_26_dd_mean vs run
χ² / ndf 76.67 / 80
p0 1032 ± 1810
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 81
Mean −1512
Std Dev 1558
2
1
0
−1
−2

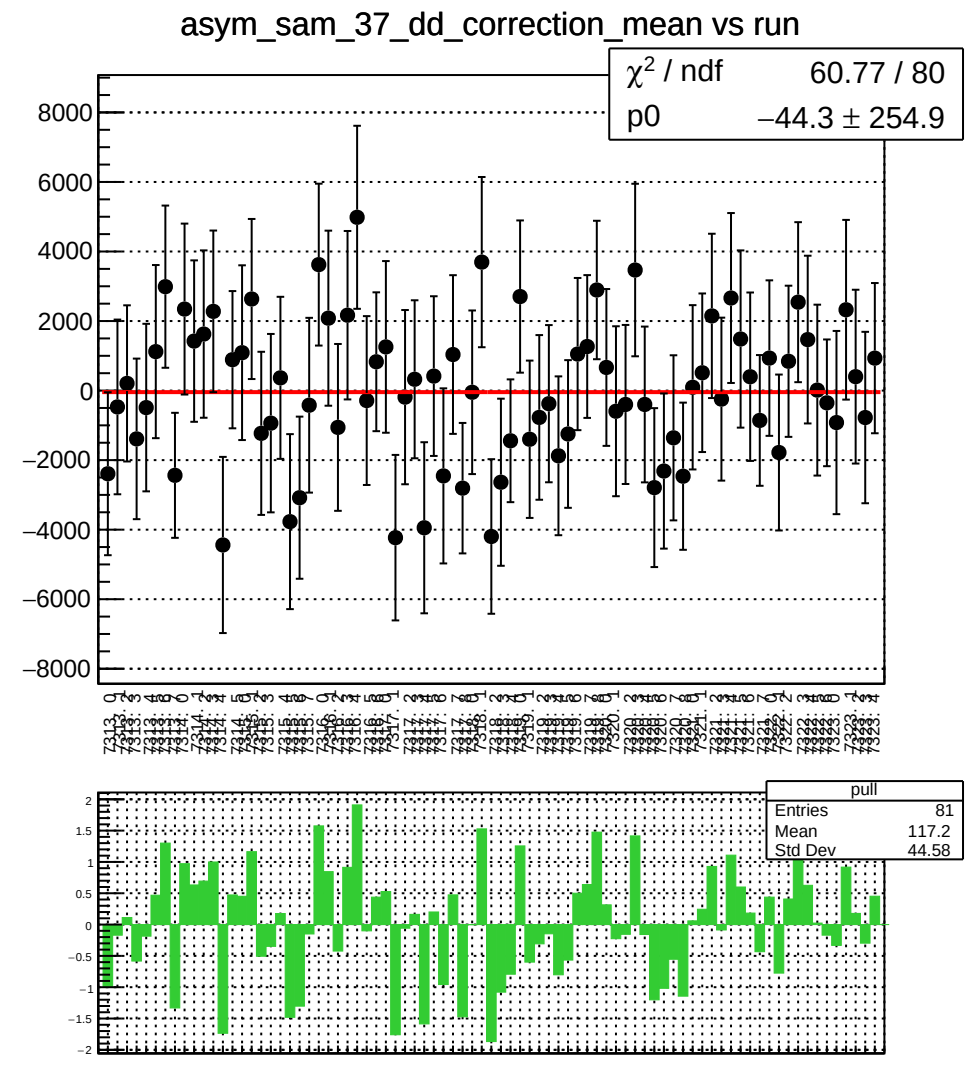

pull1D
Entries 81
Mean −0.002219
Std Dev 0.9729
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

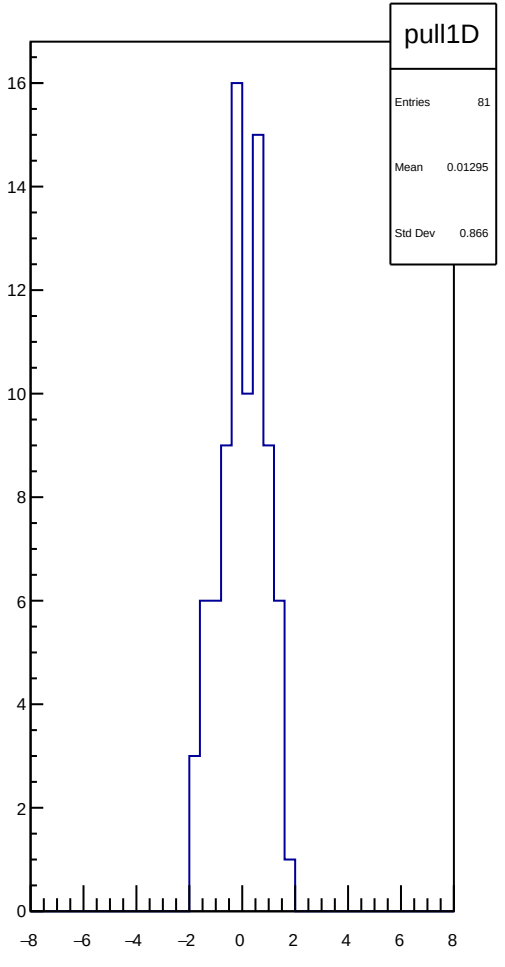

asym_sam_26_dd_rms vs run
χ² / ndf 4622 / 80
p0 1591 ± 1.28
1900
1800
1700
1600
1500
1400

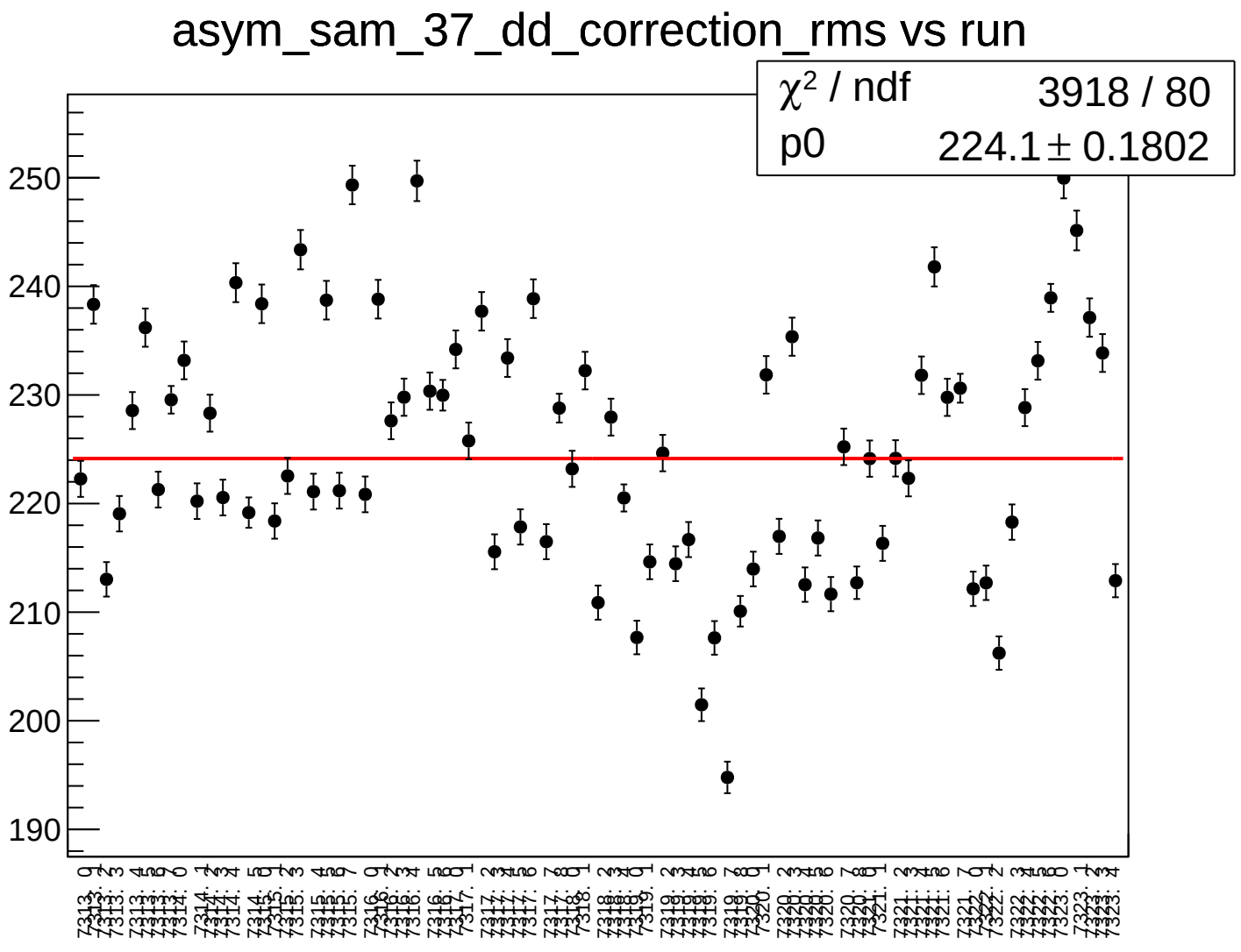

dit_asym_sam_37_dd_mean vs run
χ² / ndf 75.28 / 80
p0 −59.84 ± 51.05
pull
Entries 81
Mean −185.9
Std Dev 213.7

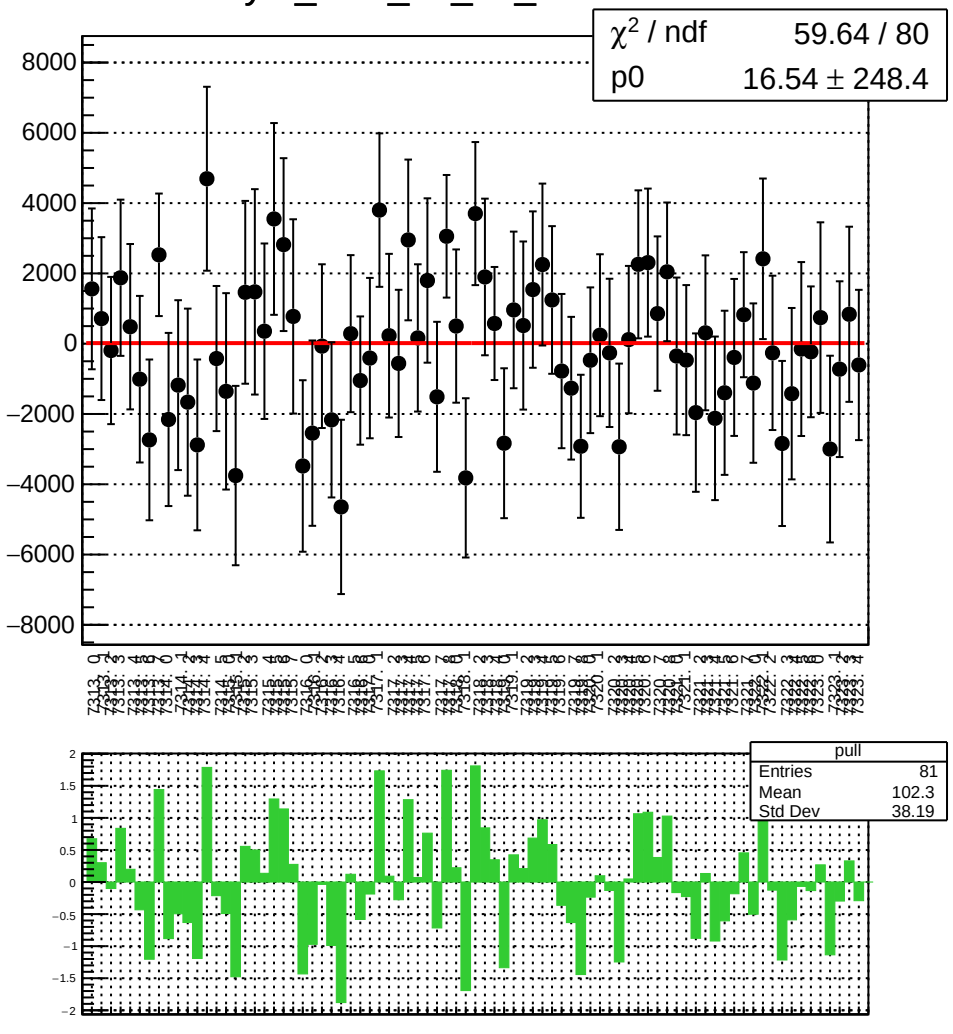

pull1D
Entries 81
Mean 0.005794
Std Dev 0.964

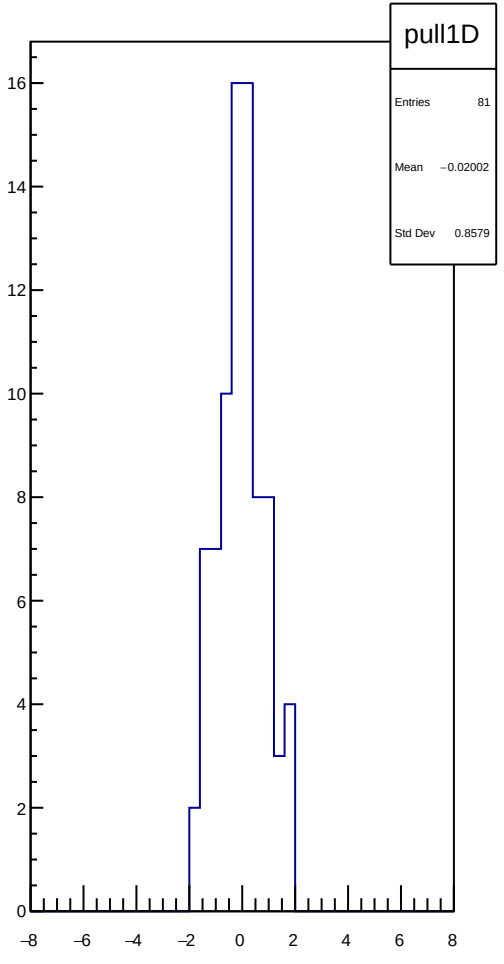

dit_asym_sam_37_dd_rms vs run
χ² / ndf 7276 / 80
p0 44.85 ± 0.0361
54
52
50
48
46
44
42
40
38

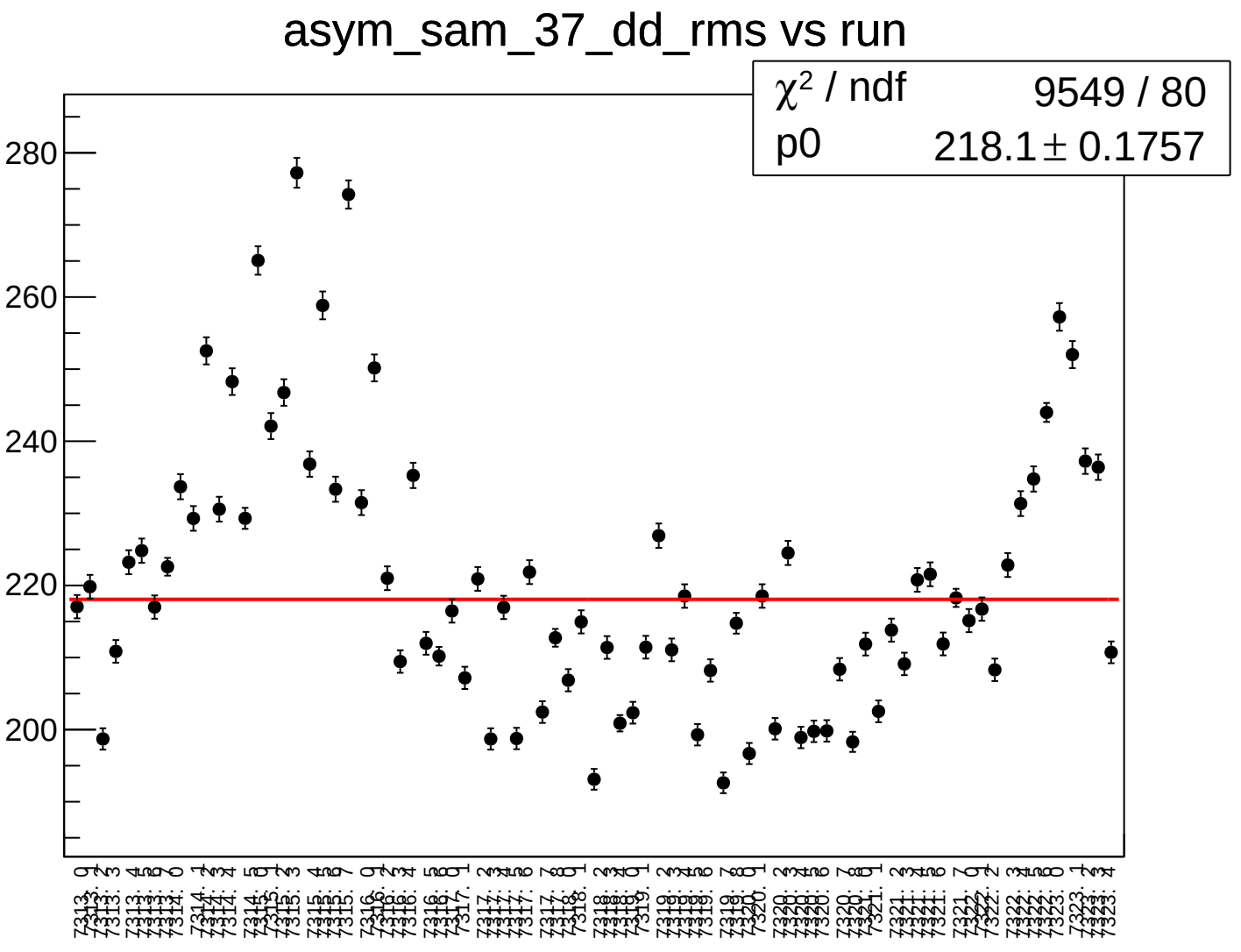

asym_sam_37_dd_correction_mean vs run
χ² / ndf 60.77 / 80
p0 −44.3 ± 254.9
pull
Entries 81
Mean 117.2
Std Dev 44.58

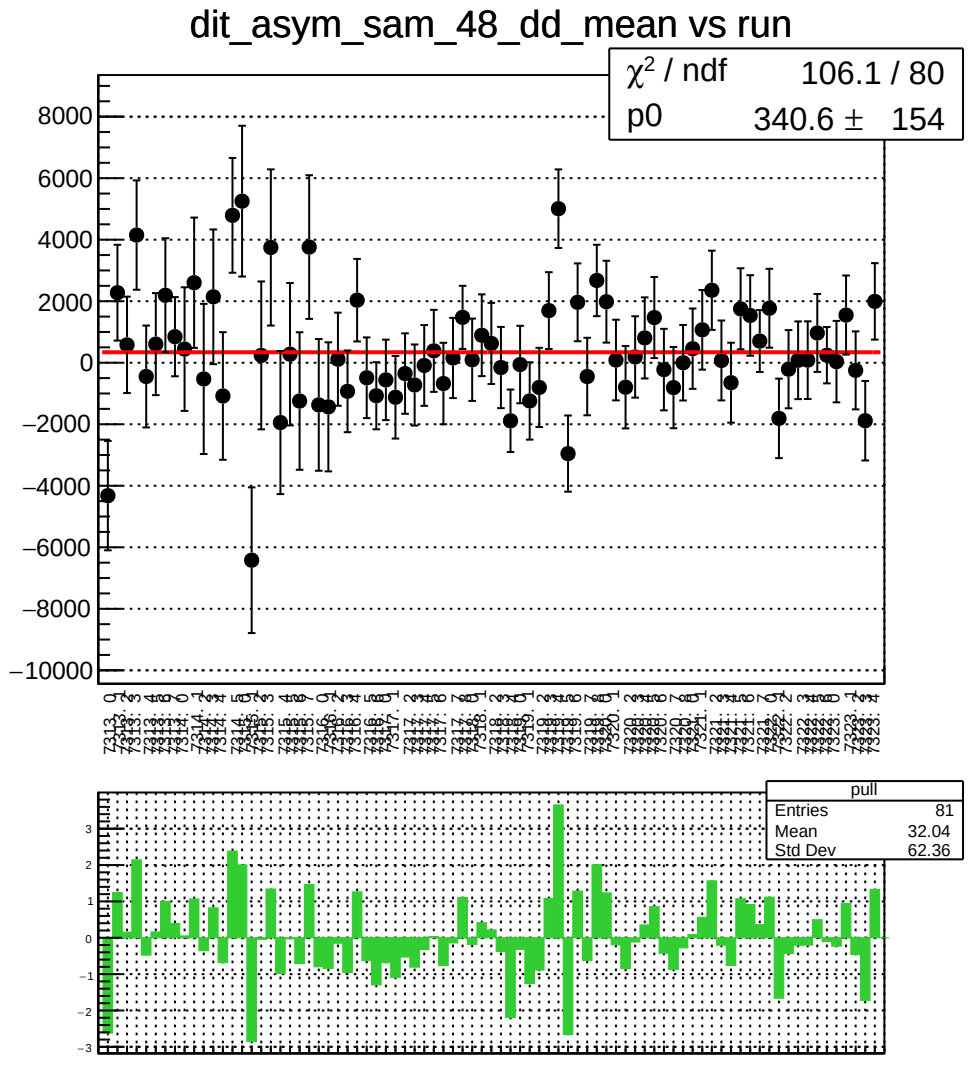

pull1D
Entries 81
Mean 0.01295
Std Dev 0.866

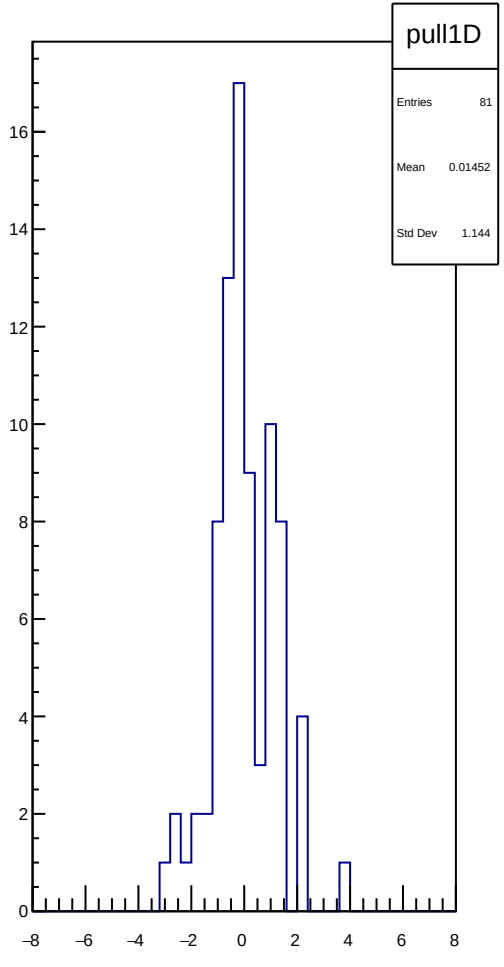

asym_sam_37_dd_correction_rms vs run
χ² / ndf 3918 / 80
p0 224.1 ± 0.1802
250
240
230
220
210
200
190

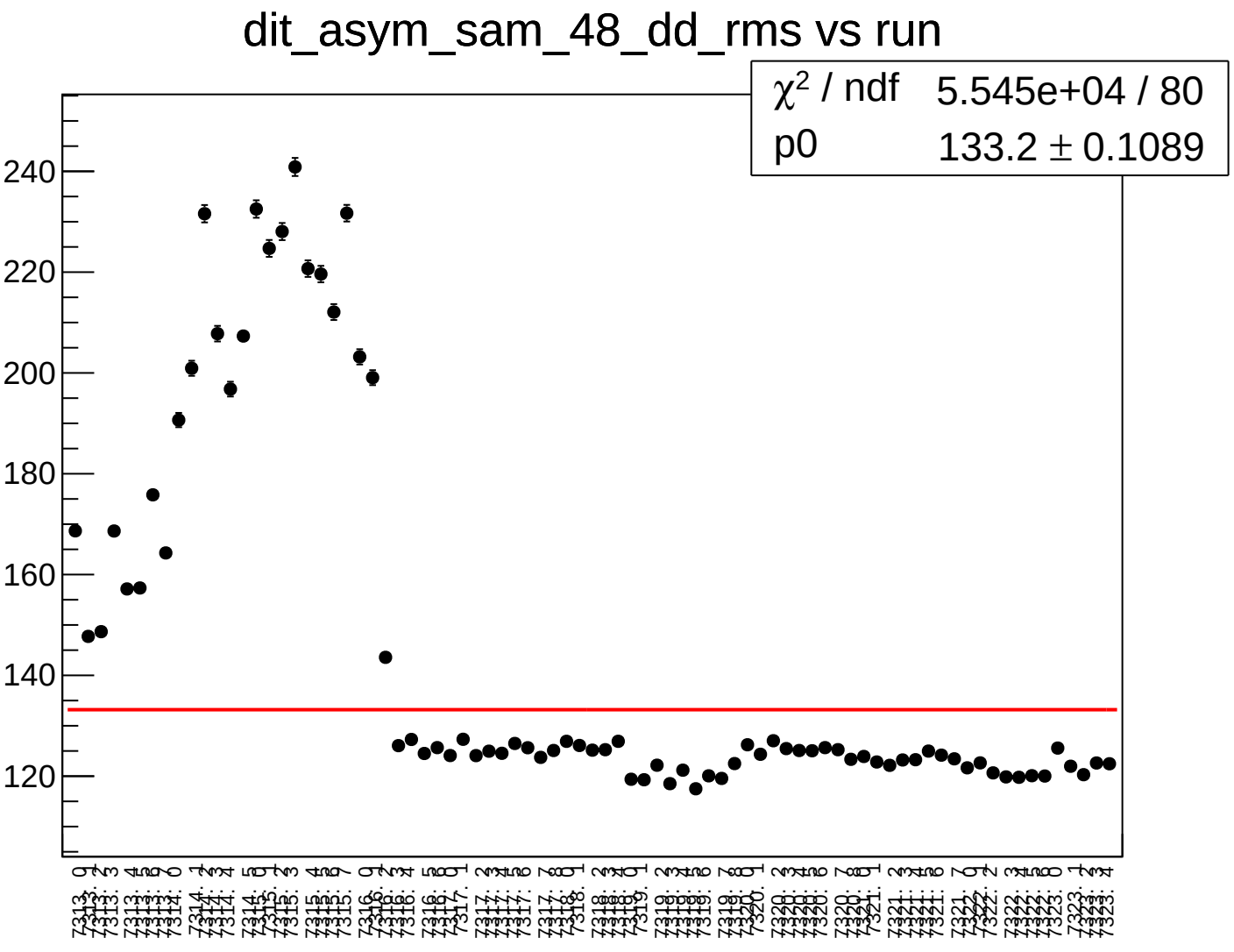

asym_sam_37_dd_mean vs run
χ² / ndf 59.64 / 80
p0 16.54 ± 248.4
pull
Entries 81
Mean 102.3
Std Dev 38.19

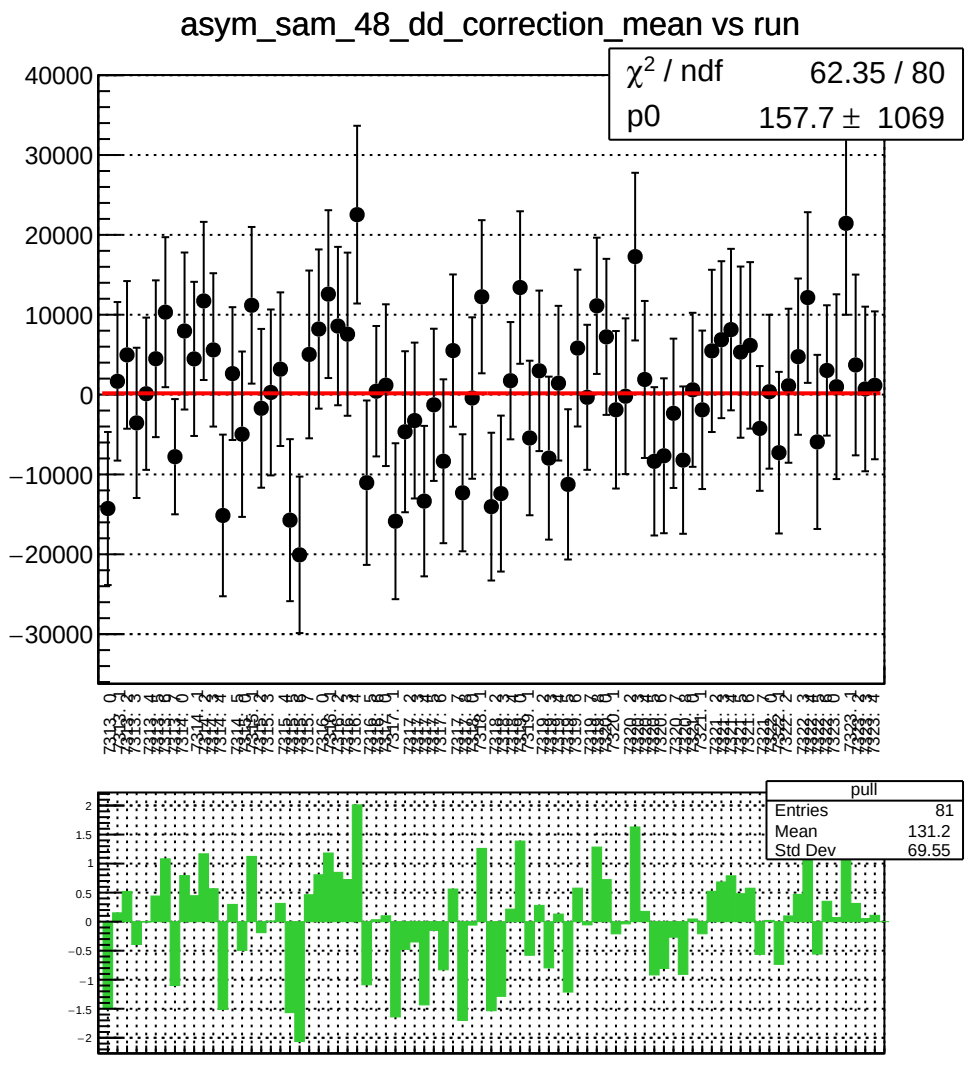

pull1D
Entries 81
Mean −0.02002
Std Dev 0.8579

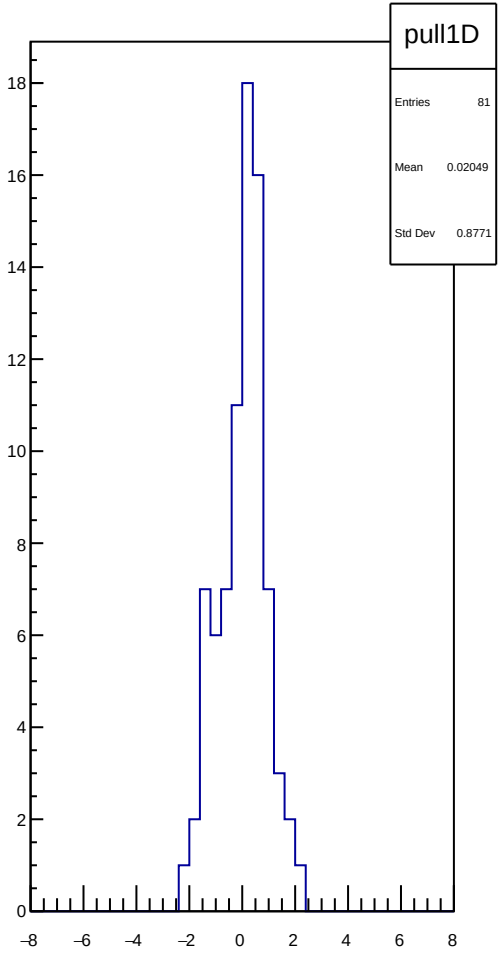

asym_sam_37_dd_rms vs run
χ² / ndf 9549 / 80
p0 218.1 ± 0.1757
280
260
240
220
200

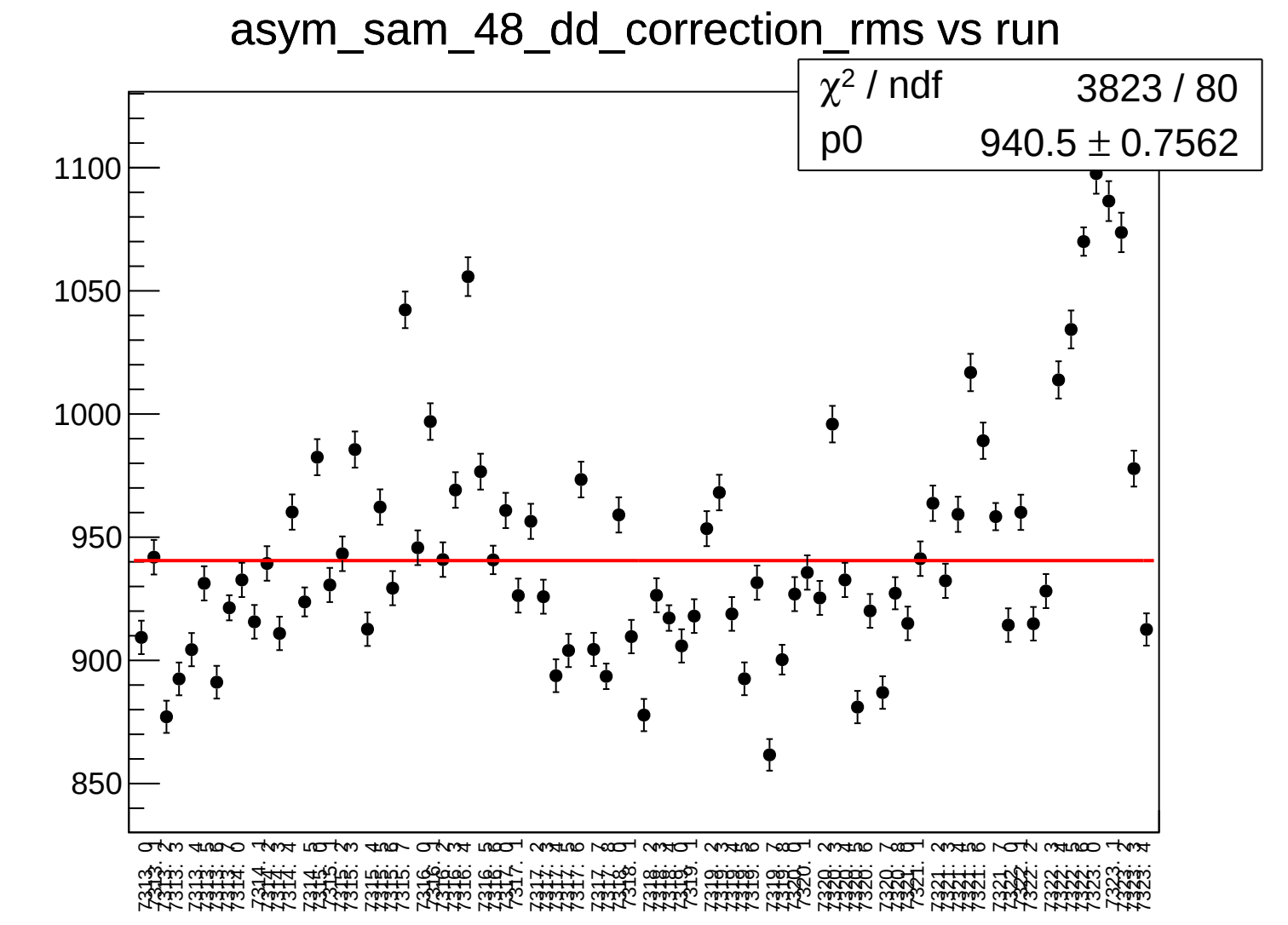

dit_asym_sam_48_dd_mean vs run
χ² / ndf 106.1 / 80
p0 340.6 ± 154
pull
Entries 81
Mean 32.04
Std Dev 62.36

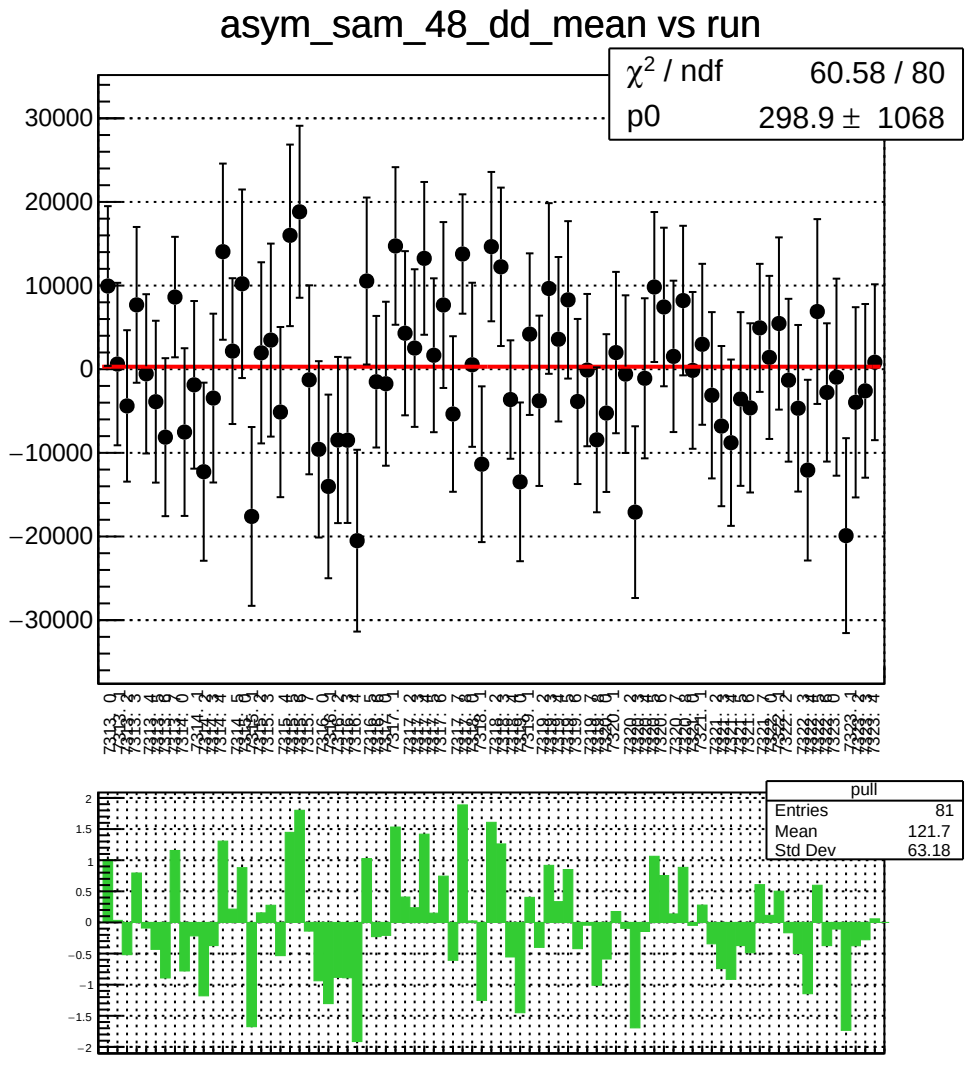

pull1D
Entries 81
Mean 0.01452
Std Dev 1.144

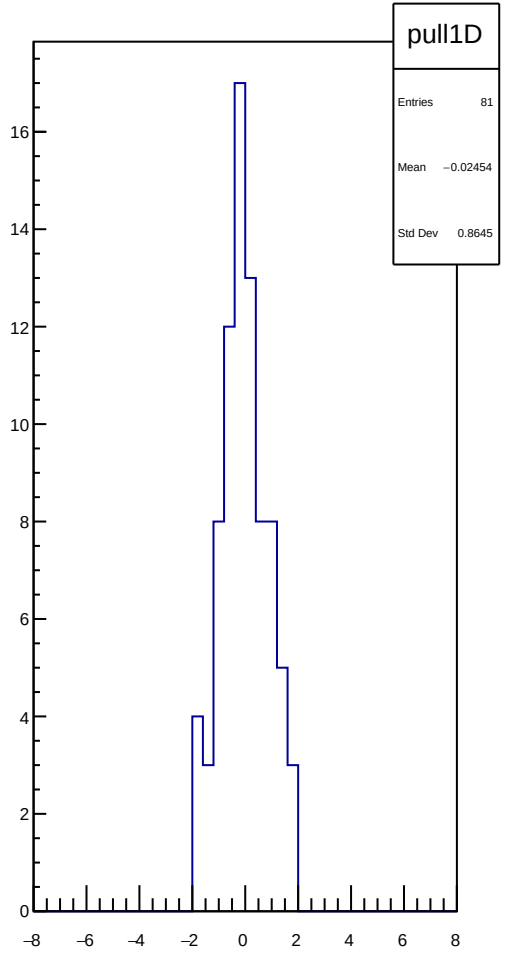

dit_asym_sam_48_dd_rms vs run
χ² / ndf 5.545e+04 / 80
p0 133.2 ± 0.1089
240
220
200
180
160
140
120

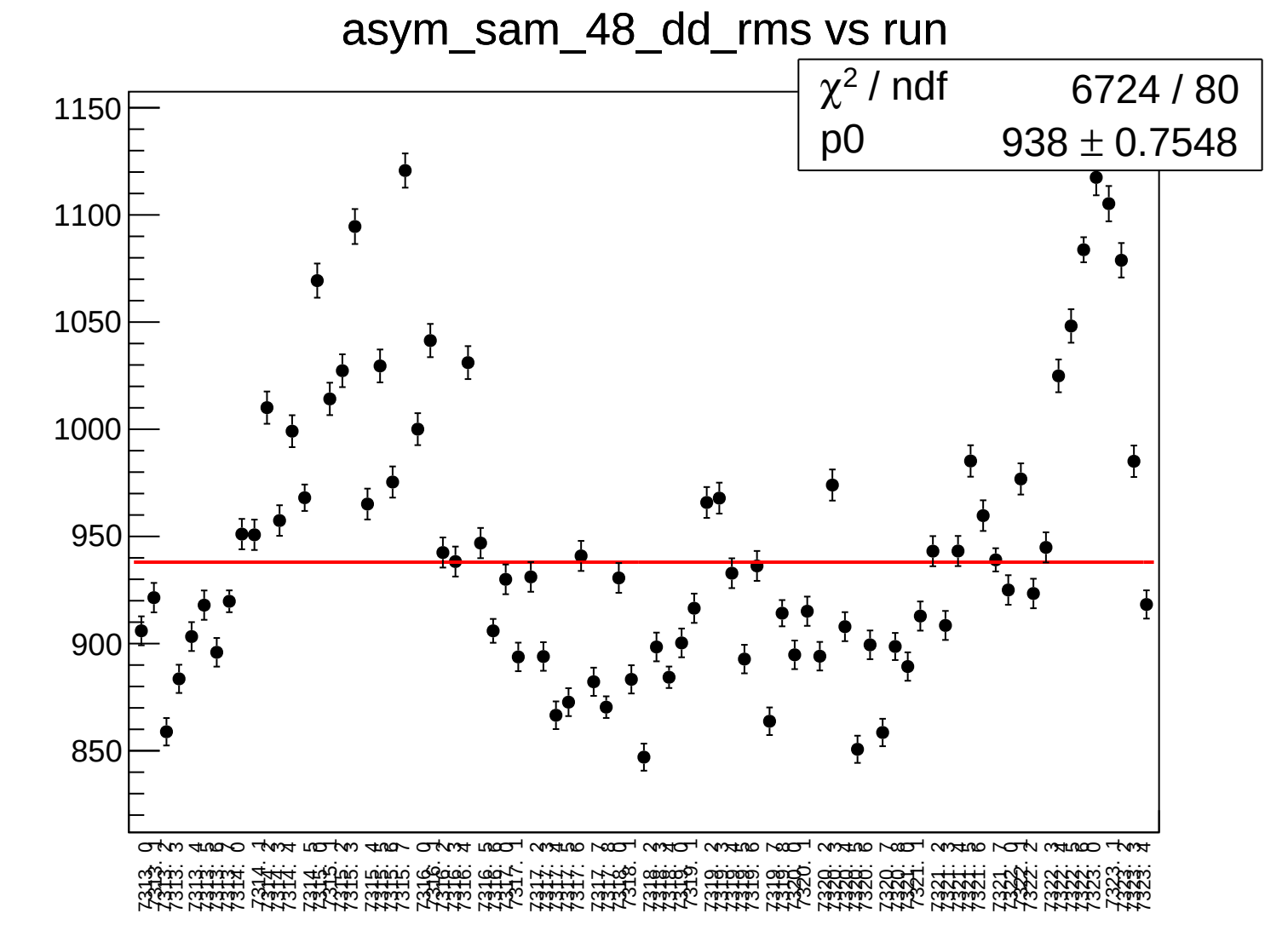

asym_sam_48_dd_correction_mean vs run
χ² / ndf 62.35 / 80
p0 157.7 ± 1069
pull
Entries 81
Mean 131.2
Std Dev 69.55

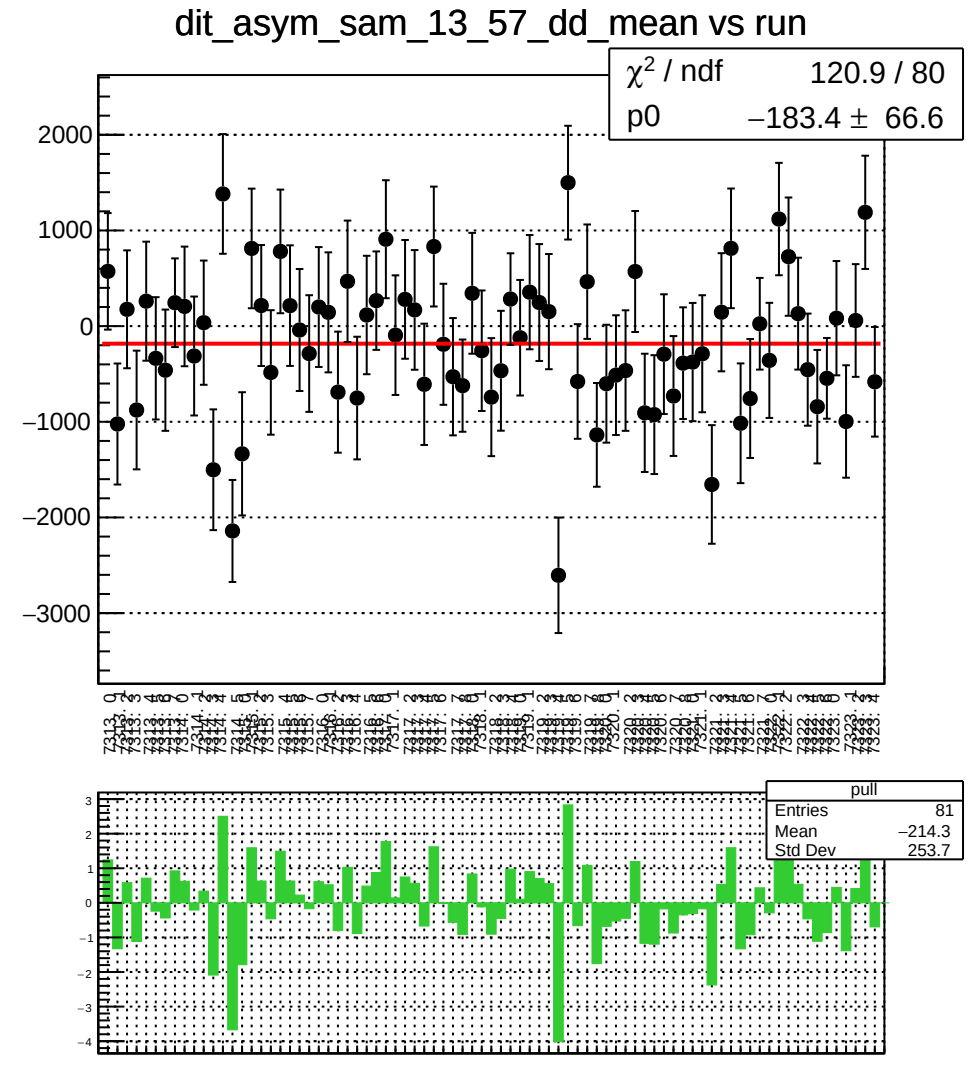

pull1D
Entries 81
Mean 0.02049
Std Dev 0.8771

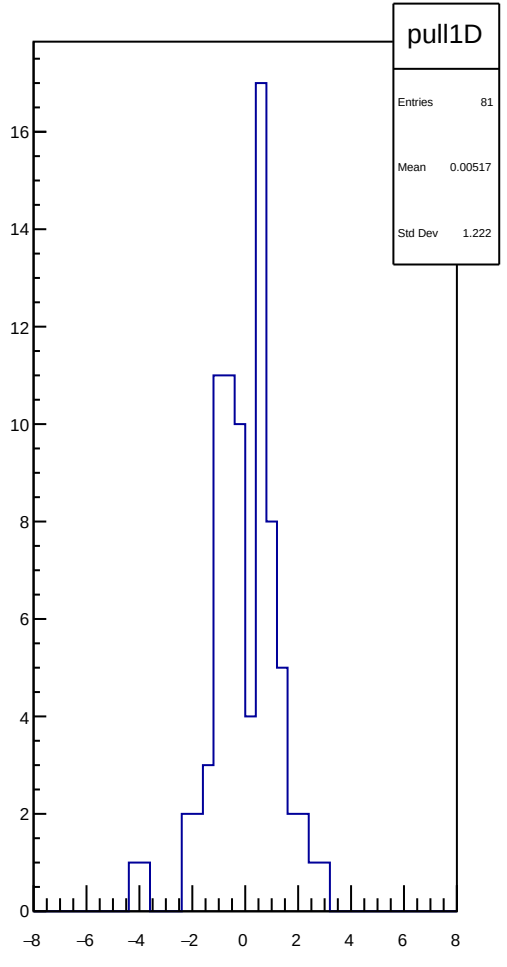

asym_sam_48_dd_correction_rms vs run
χ² / ndf 3823 / 80
p0 940.5 ± 0.7562
1100
1050
1000
950
900
850

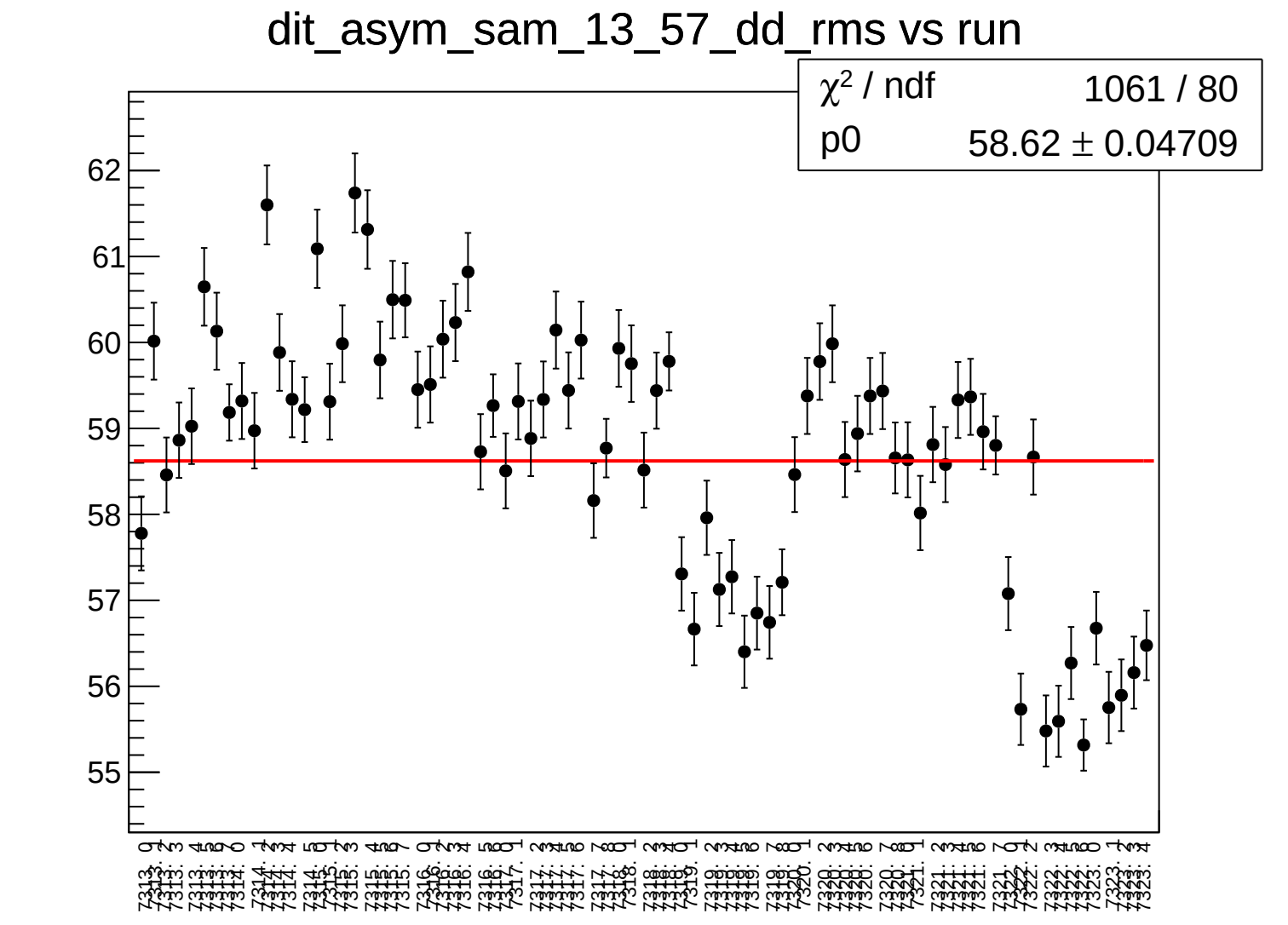

asym_sam_48_dd_mean vs run
χ² / ndf 60.58 / 80
p0 298.9 ± 1068
pull
Entries 81
Mean 121.7
Std Dev 63.18

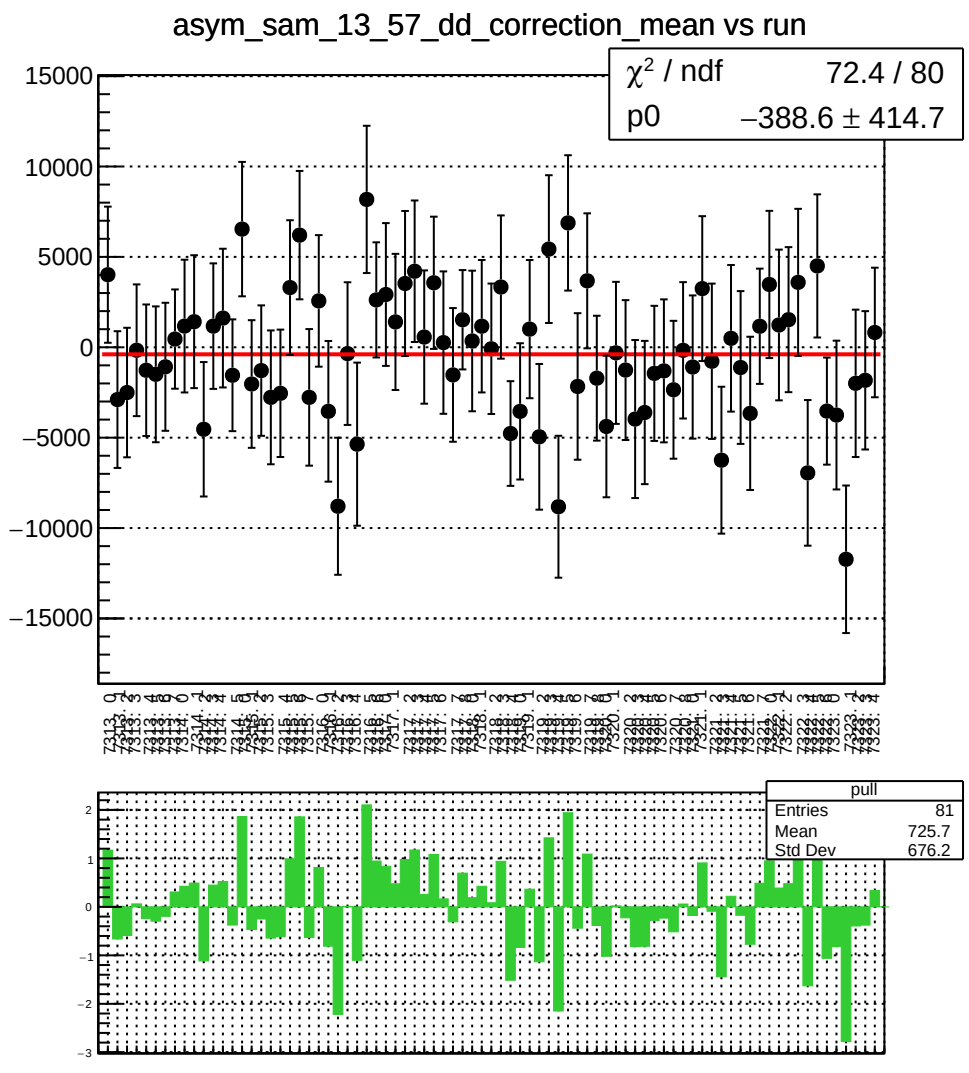

pull1D
Entries 81
Mean −0.02454
Std Dev 0.8645

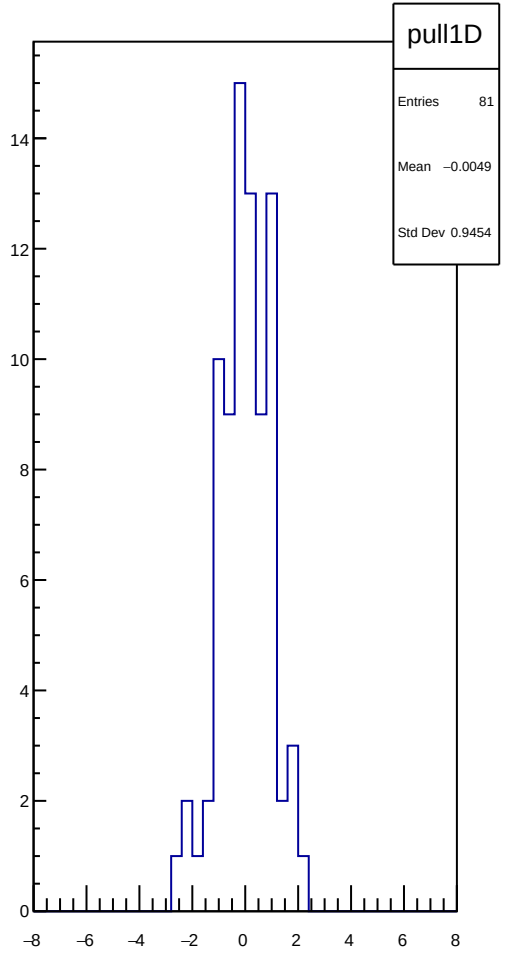

asym_sam_48_dd_rms vs run
χ² / ndf 6724 / 80
p0 938 ± 0.7548
1150
1100
1050
1000
950
900
850

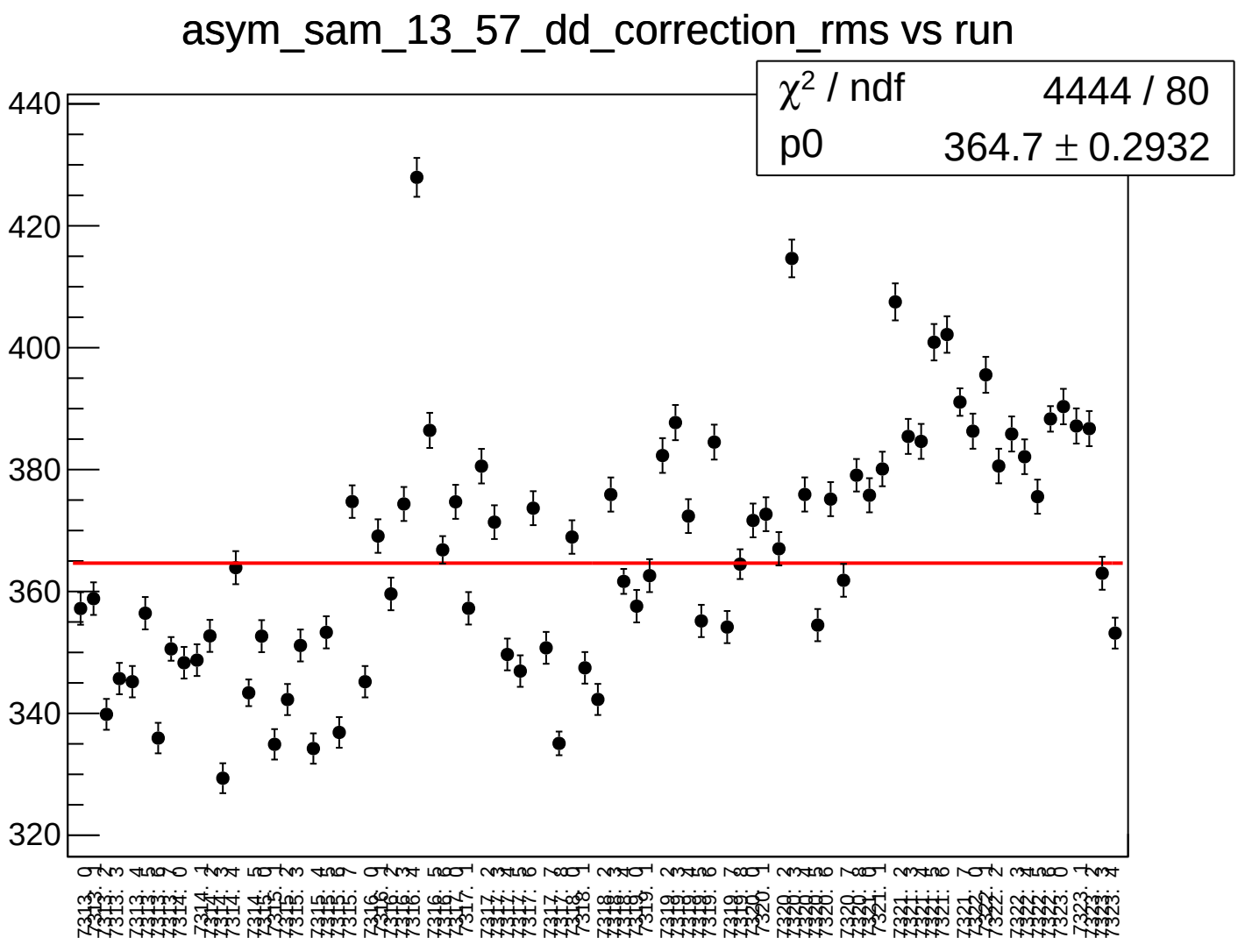

dit_asym_sam_13_57_dd_mean vs run
χ² / ndf 120.9 / 80
p0 −183.4 ± 66.6
pull
Entries 81
Mean −214.3
Std Dev 253.7

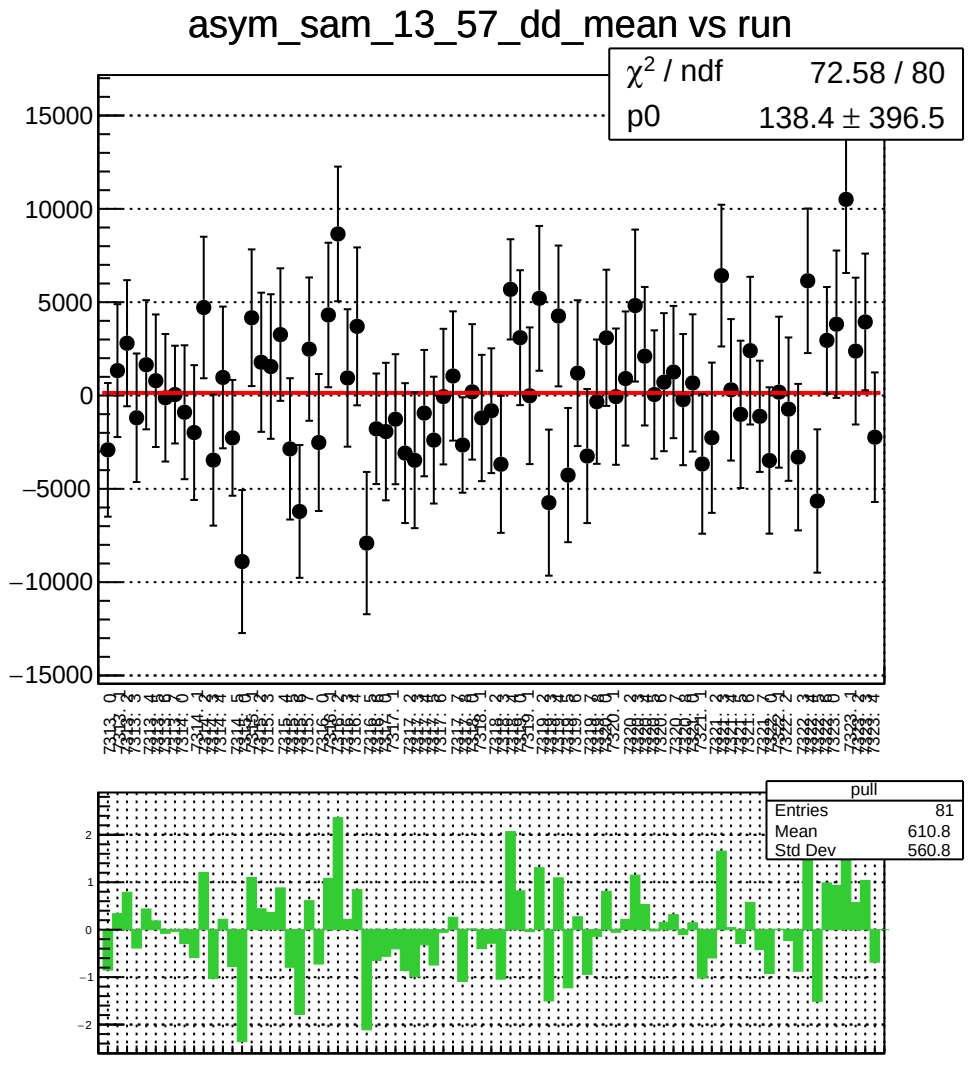

pull1D
Entries 81
Mean 0.00517
Std Dev 1.222

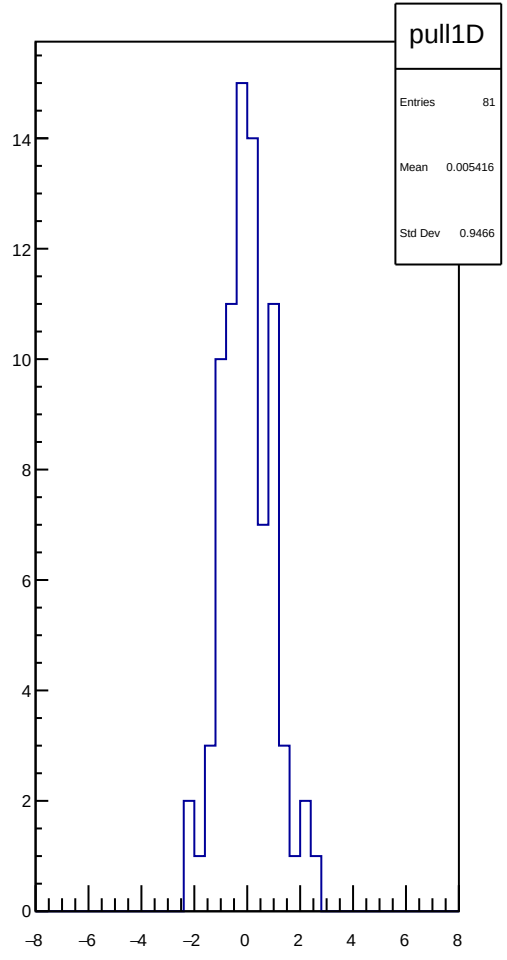

dit_asym_sam_13_57_dd_rms vs run
χ² / ndf 1061 / 80
p0 58.62 ± 0.04709
62
61
60
59
58
57
56
55

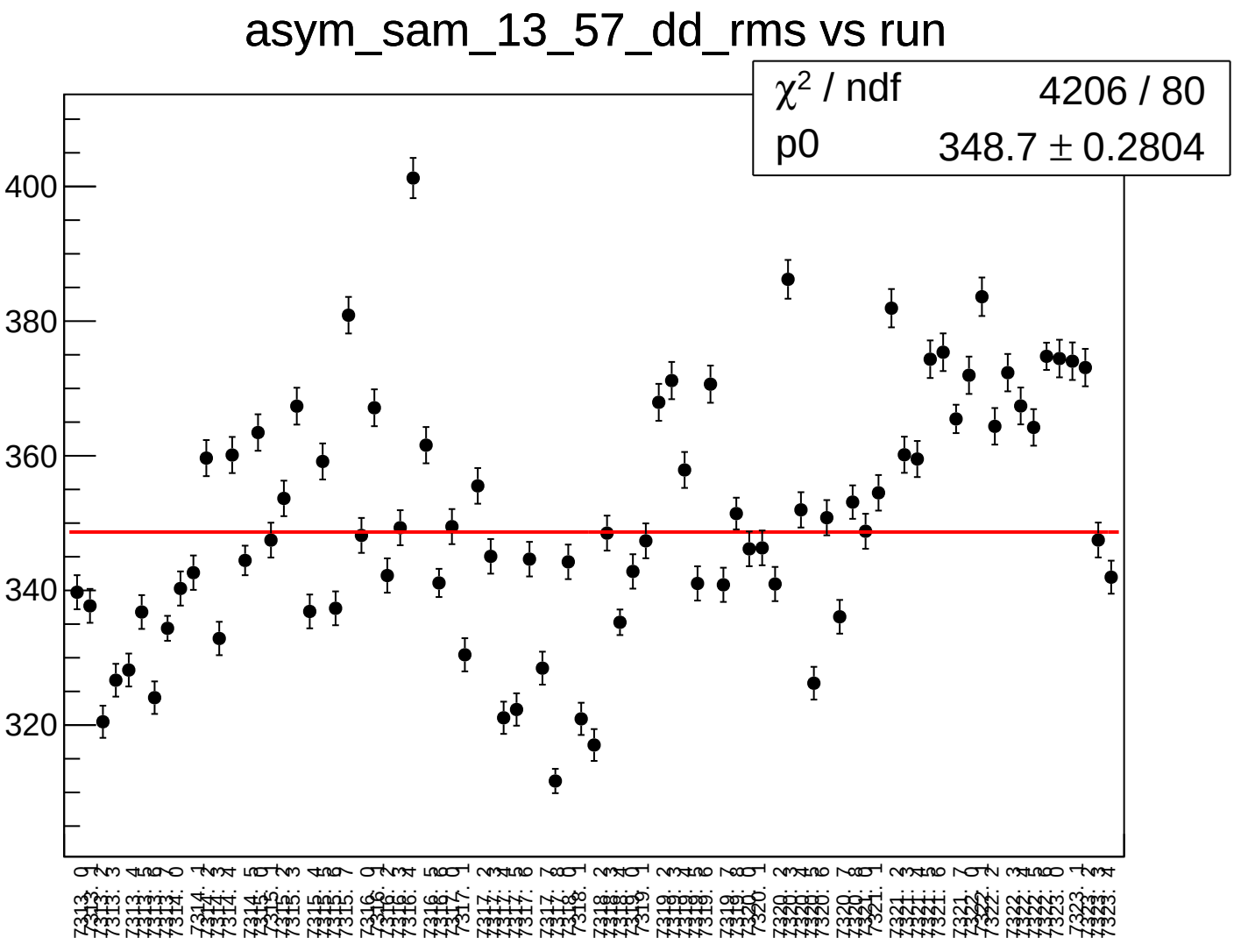

asym_sam_13_57_dd_correction_mean vs run
χ² / ndf 72.4 / 80
p0 −388.6 ± 414.7
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 81
Mean 725.7
Std Dev 676.2
2
1
0
−1
−2
−3

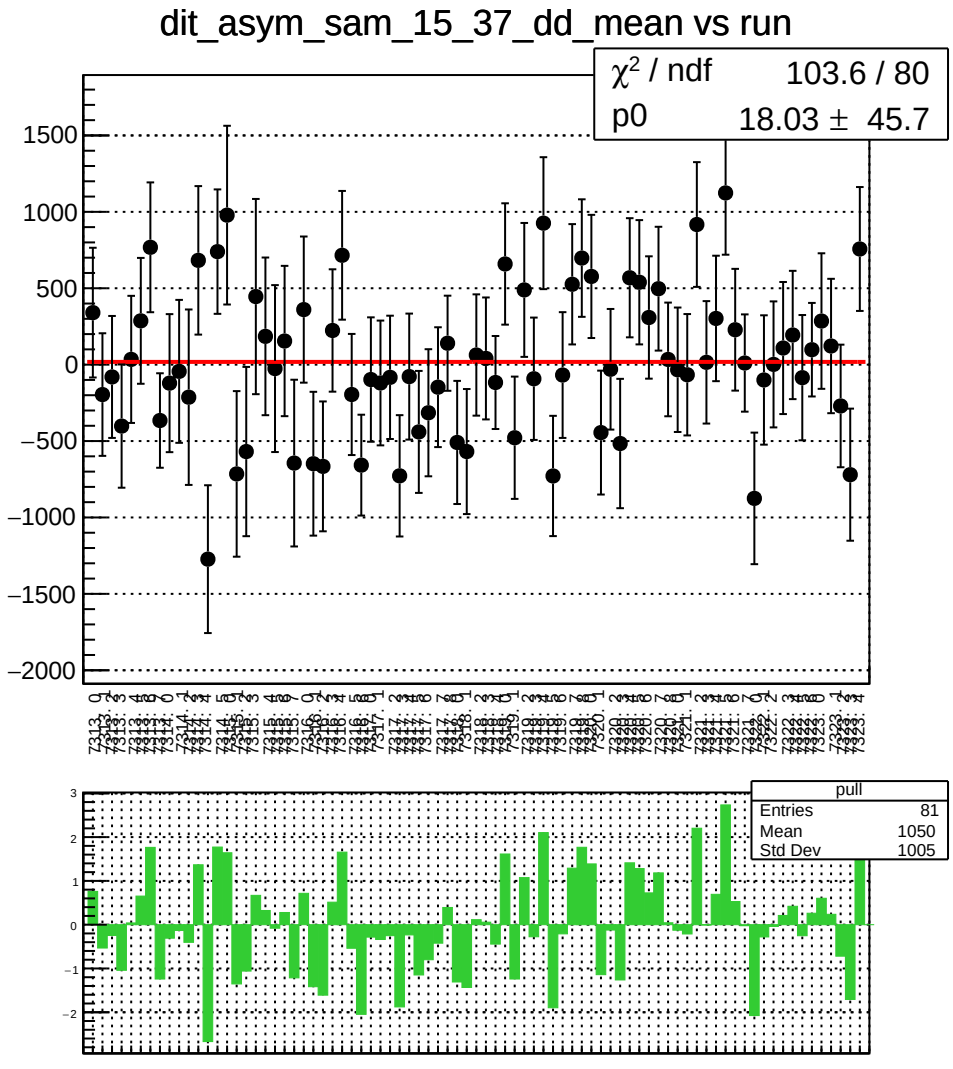

pull1D
Entries 81
Mean −0.0049
Std Dev 0.9454
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

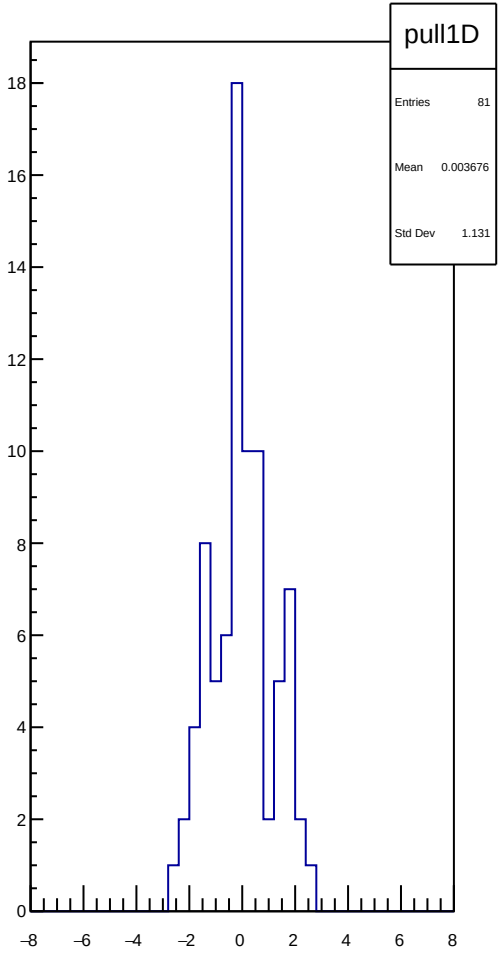

asym_sam_13_57_dd_correction_rms vs run
χ² / ndf 4444 / 80
p0 364.7 ± 0.2932
440
420
400
380
360
340
320

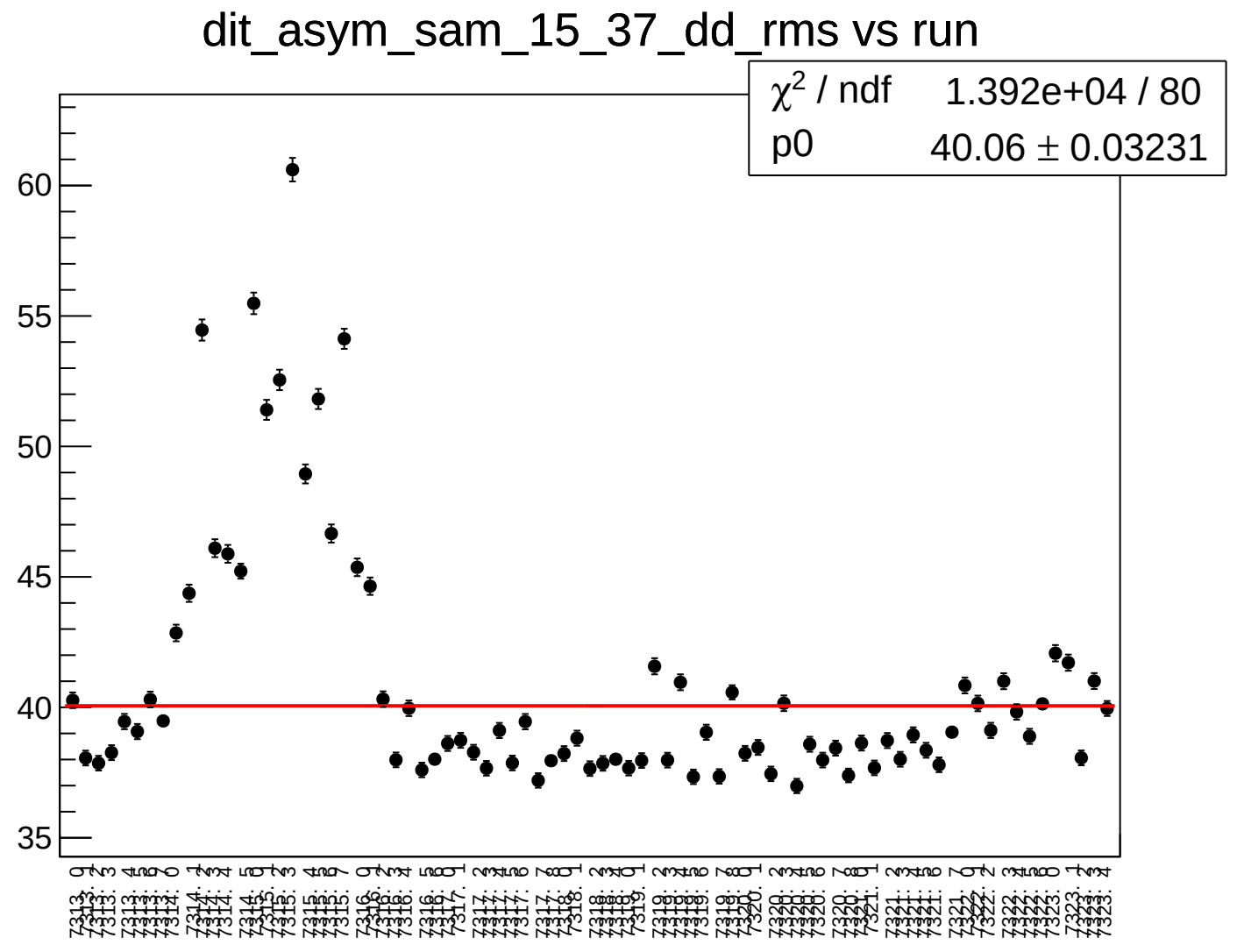

asym_sam_13_57_dd_mean vs run
χ² / ndf 72.58 / 80
p0 138.4 ± 396.5
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 81
Mean 610.8
Std Dev 560.8
2
1
0
−1
−2

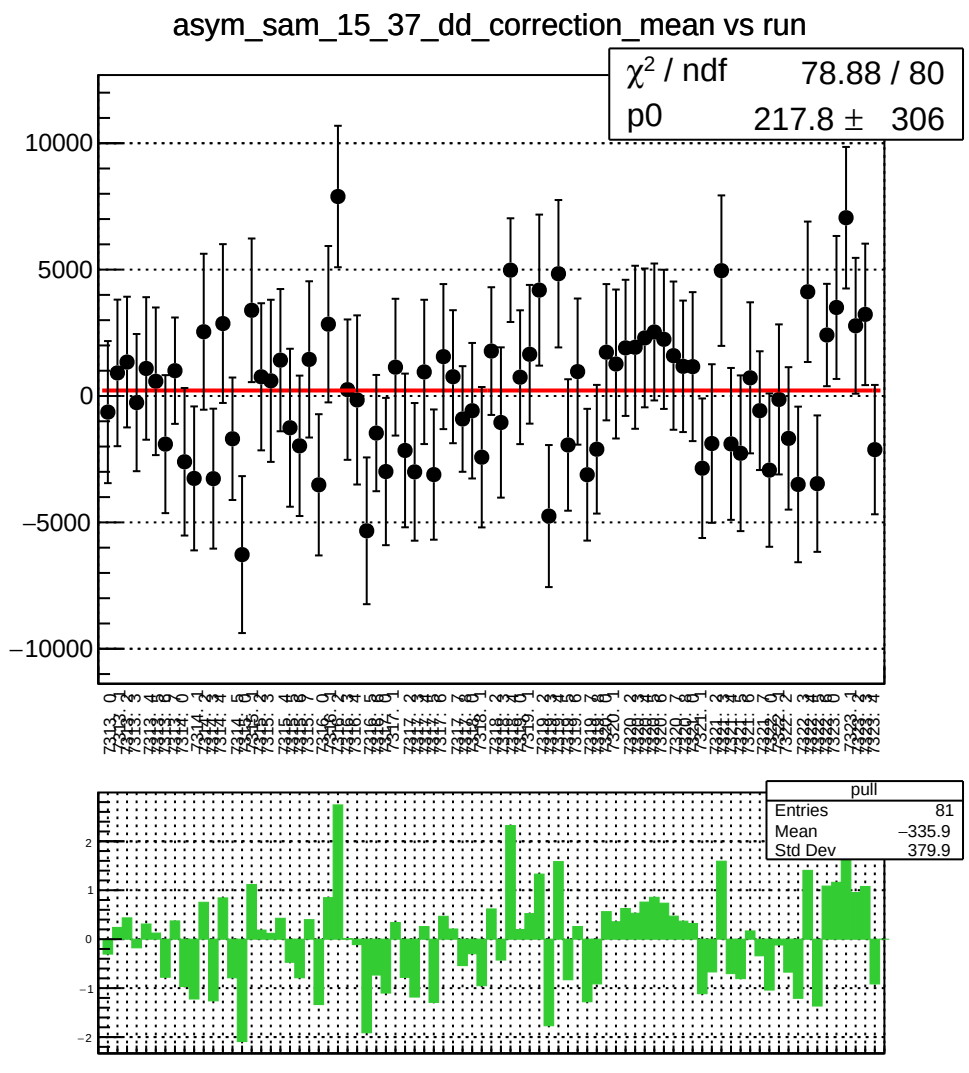

pull1D
Entries 81
Mean 0.005416
Std Dev 0.9466
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

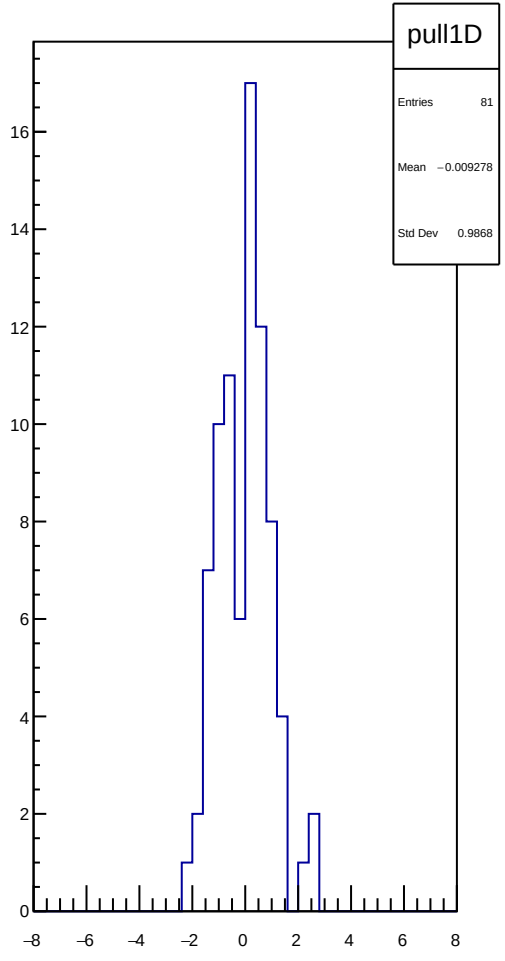

asym_sam_13_57_dd_rms vs run
χ² / ndf 4206 / 80
p0 348.7 ± 0.2804
400
380
360
340
320

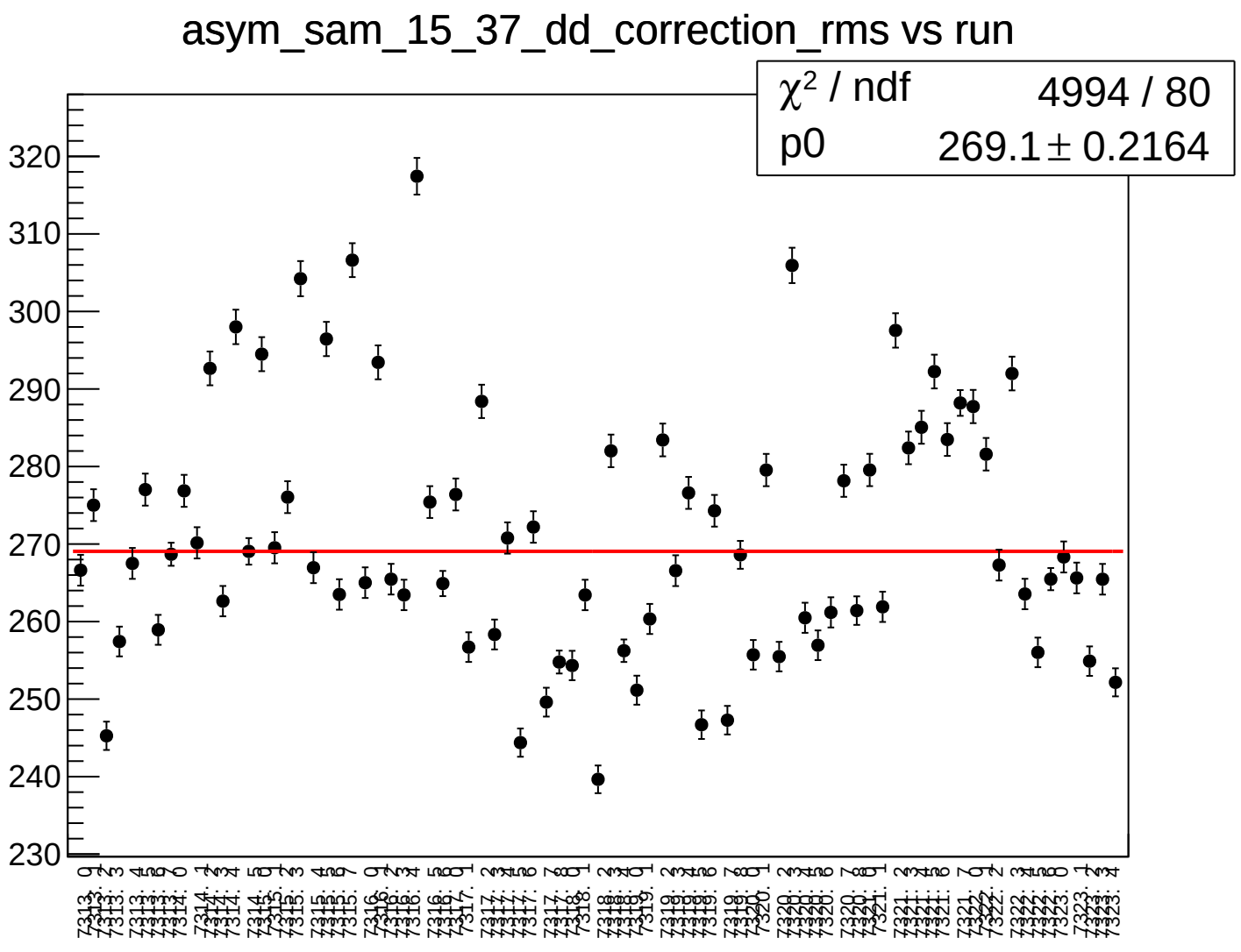

dit_asym_sam_15_37_dd_mean vs run
χ² / ndf 103.6 / 80
p0 18.03 ± 45.7
pull
Entries 81
Mean 1050
Std Dev 1005

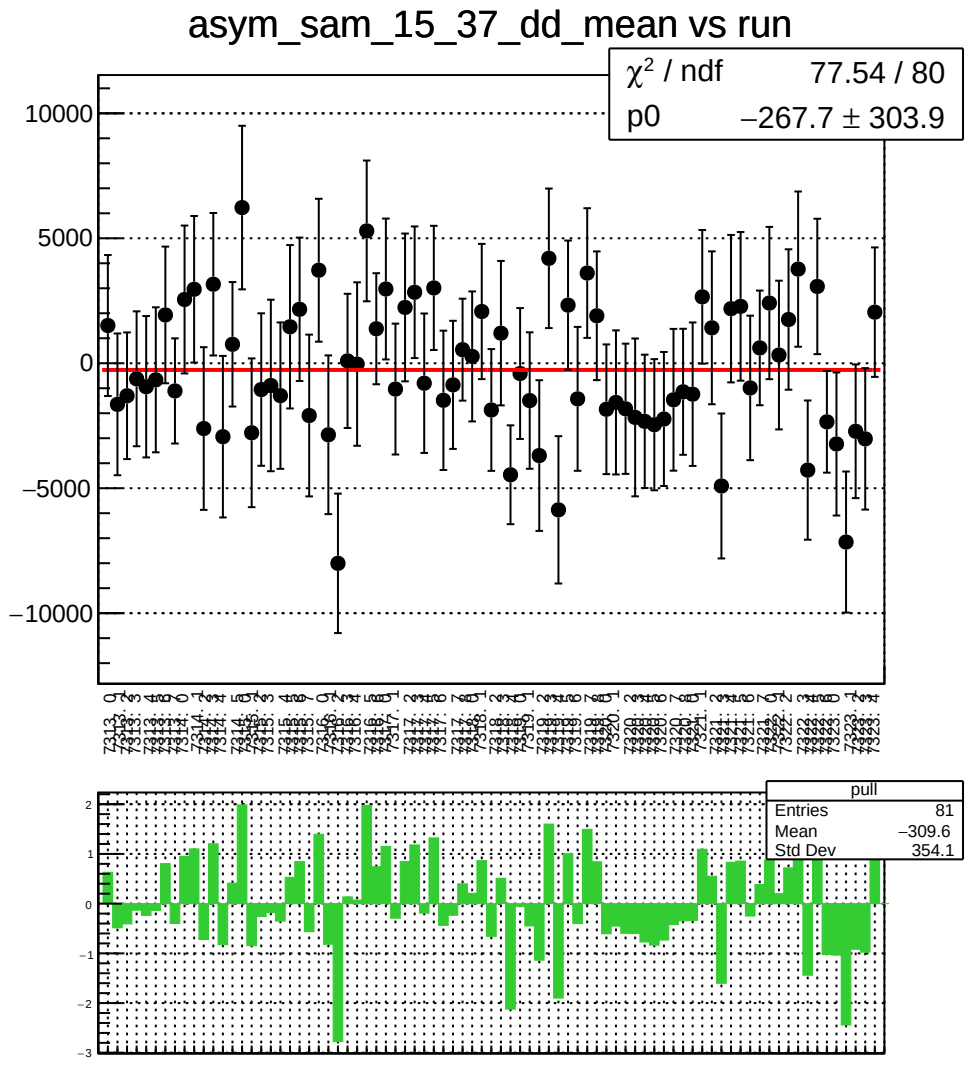

pull1D
Entries 81
Mean 0.003676
Std Dev 1.131

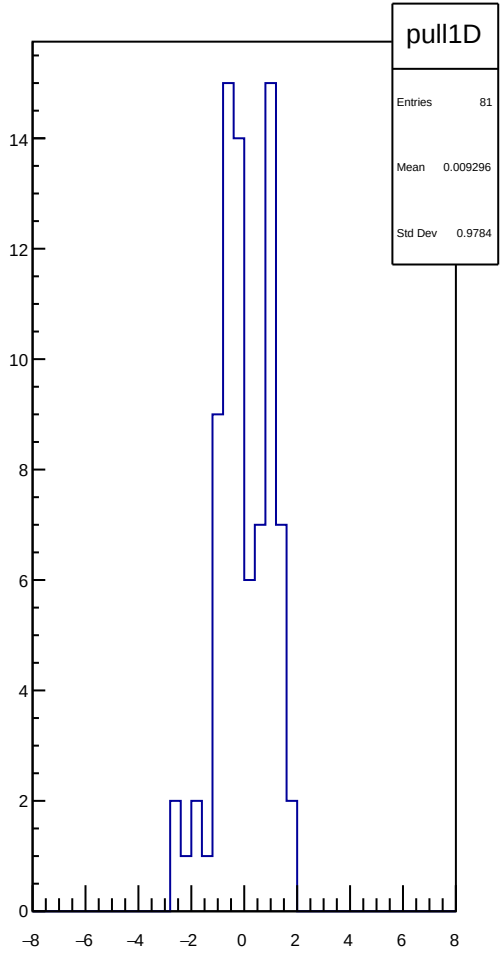

dit_asym_sam_15_37_dd_rms vs run
χ² / ndf 1.392e+04 / 80
p0 40.06 ± 0.03231
60
55
50
45
40
35

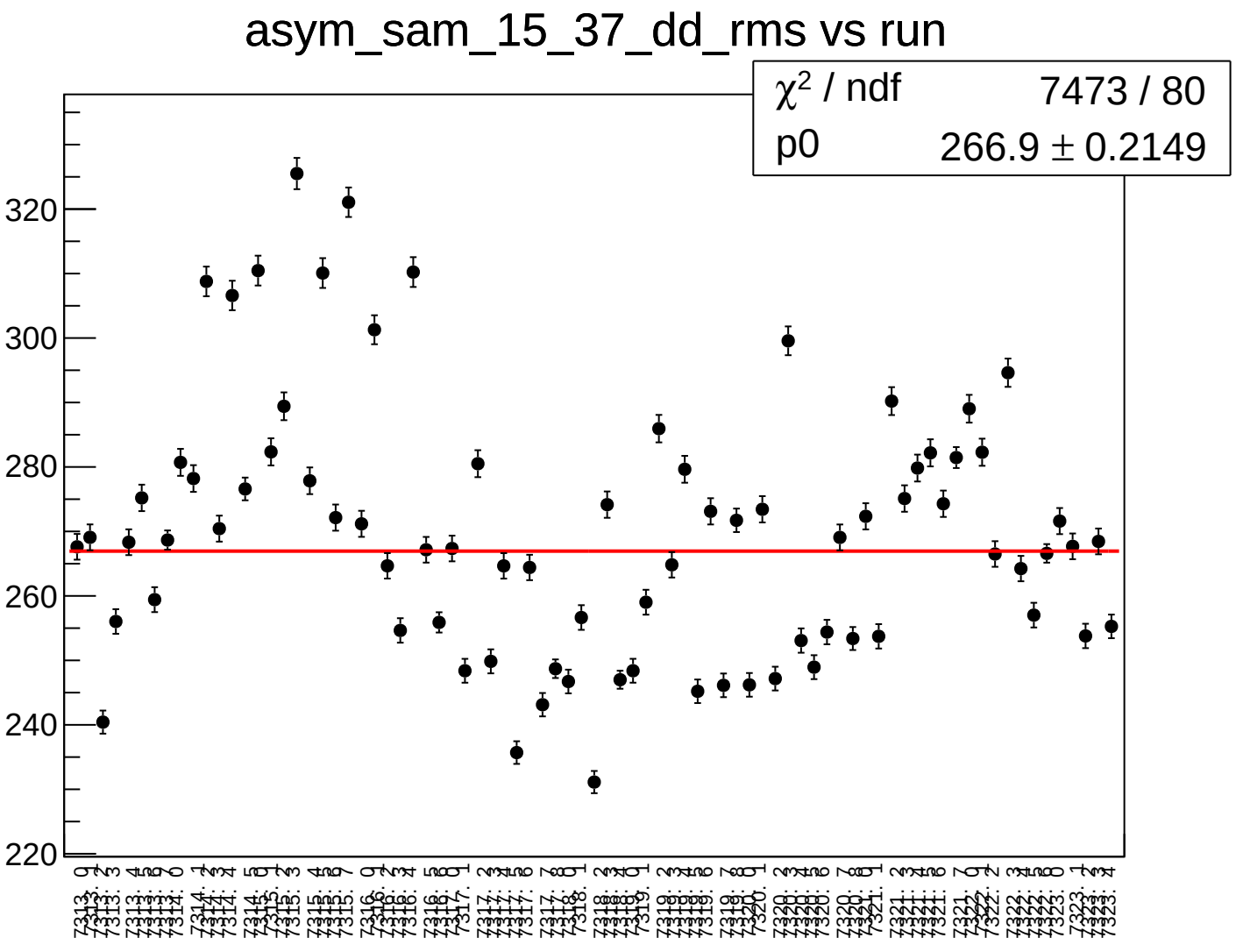

asym_sam_15_37_dd_correction_mean vs run
χ² / ndf 78.88 / 80
p0 217.8 ± 306
10000
5000
0
−5000
−10000
pull
Entries 81
Mean −335.9
Std Dev 379.9
2
1
0
−1
−2

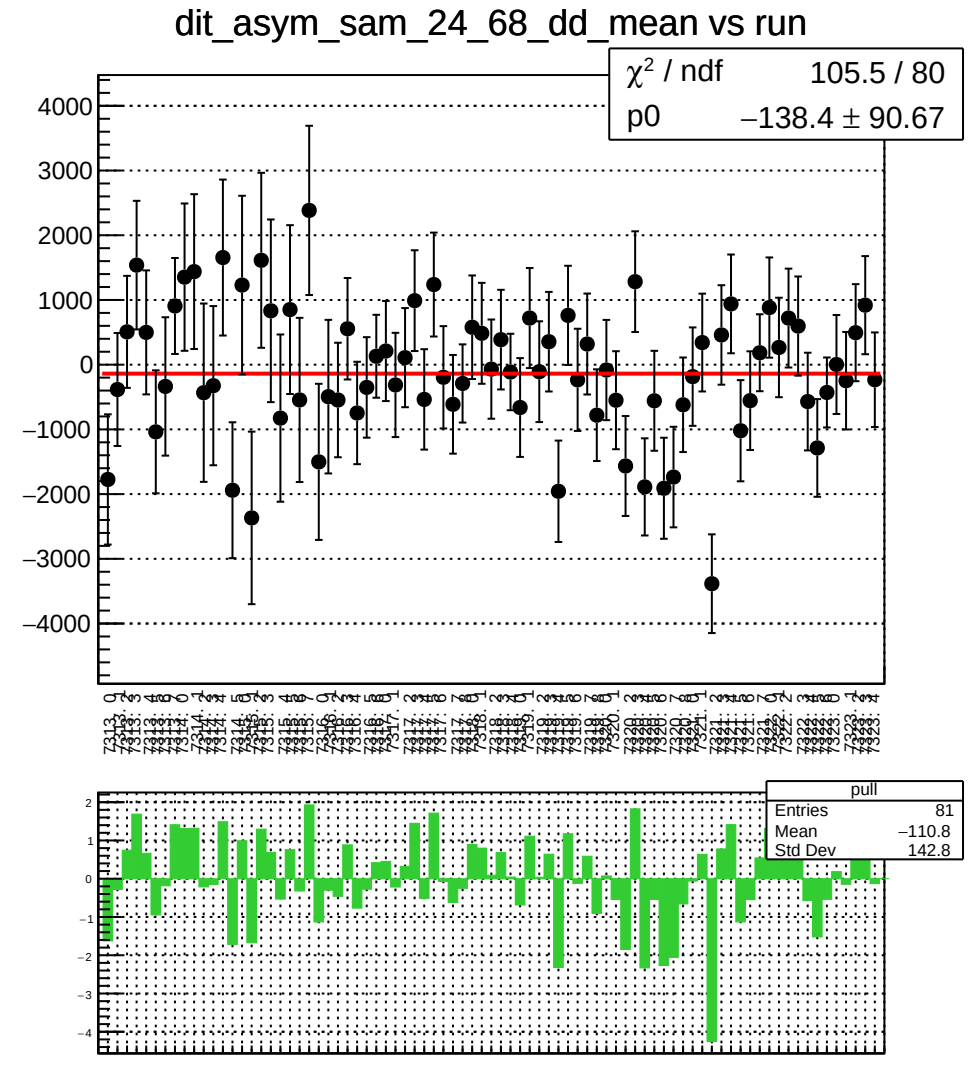

pull1D
Entries 81
Mean −0.009278
Std Dev 0.9868
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

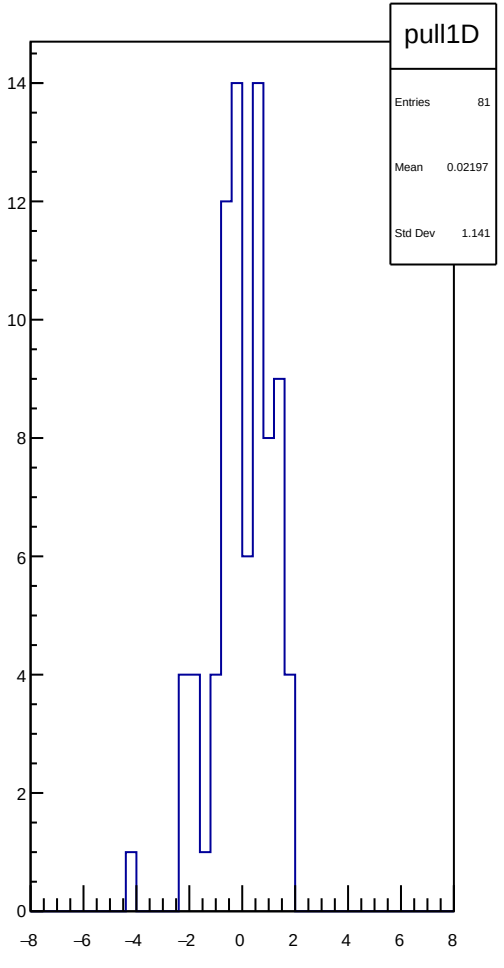

asym_sam_15_37_dd_correction_rms vs run
χ² / ndf 4994 / 80
p0 269.1 ± 0.2164
320
310
300
290
280
270
260
250
240
230

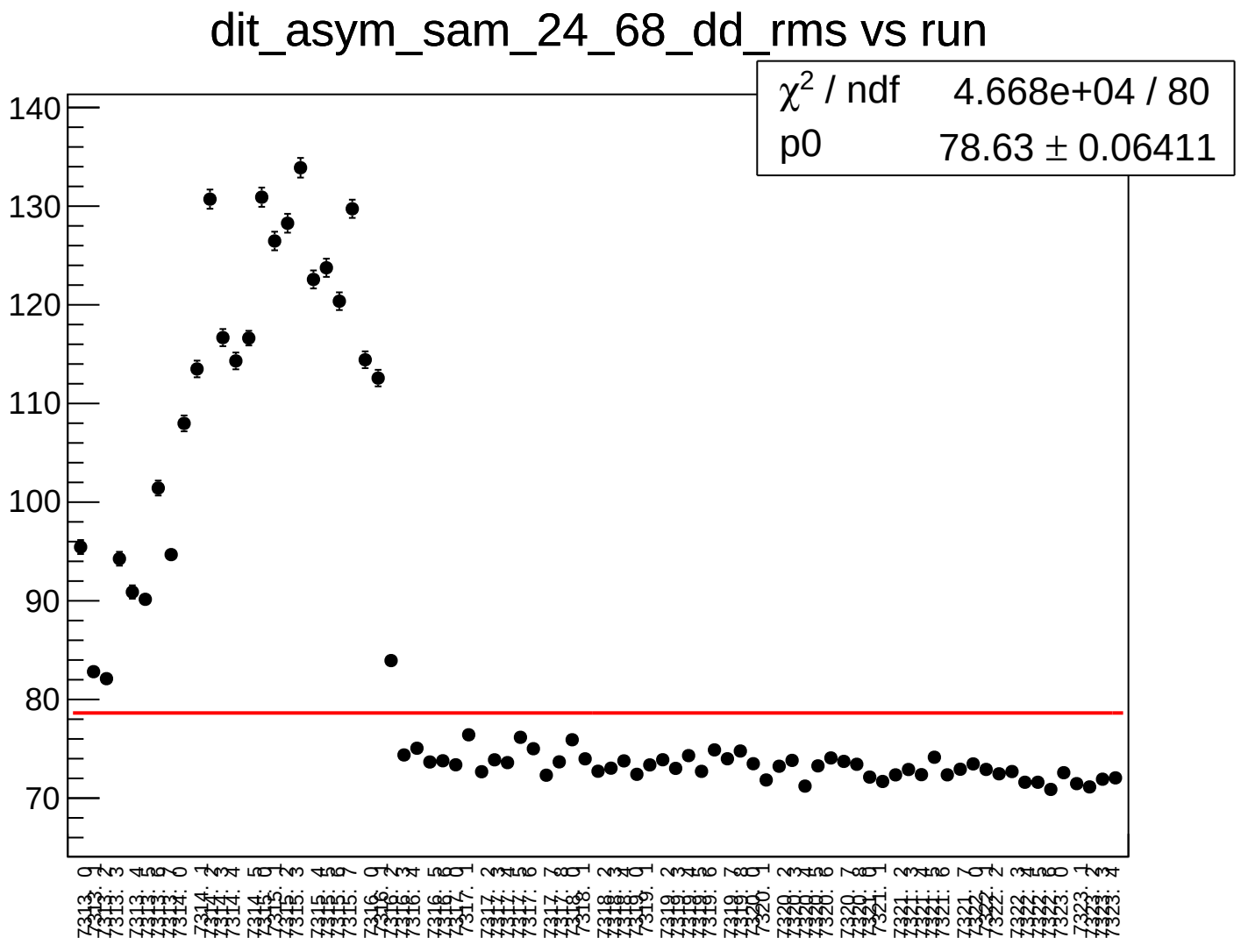

asym_sam_15_37_dd_mean vs run
χ² / ndf 77.54 / 80
p0 −267.7 ± 303.9
10000
5000
0
−5000
−10000
pull
Entries 81
Mean −309.6
Std Dev 354.1
2
1
0
−1
−2
−3

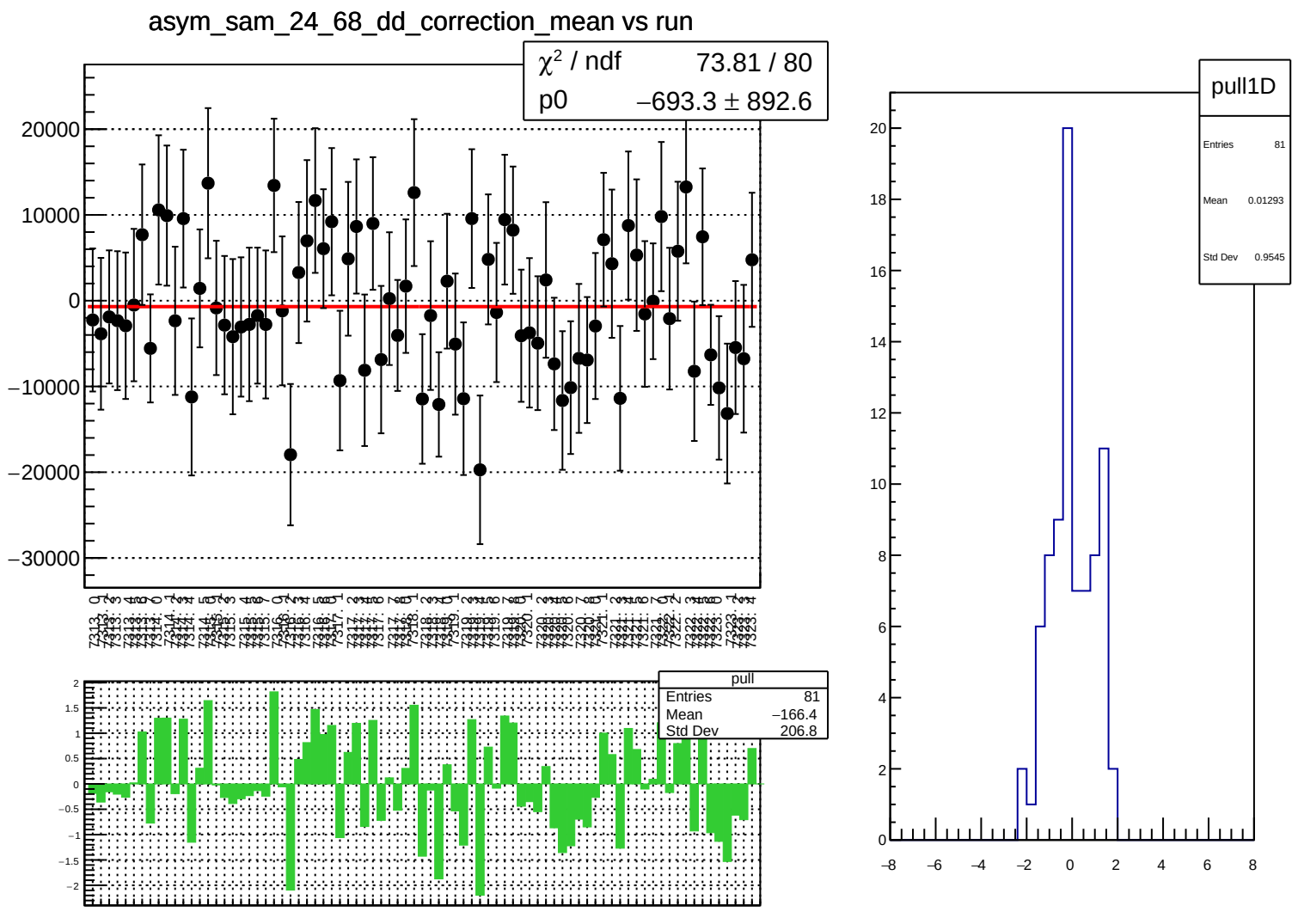

pull1D
Entries 81
Mean 0.009296
Std Dev 0.9784
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

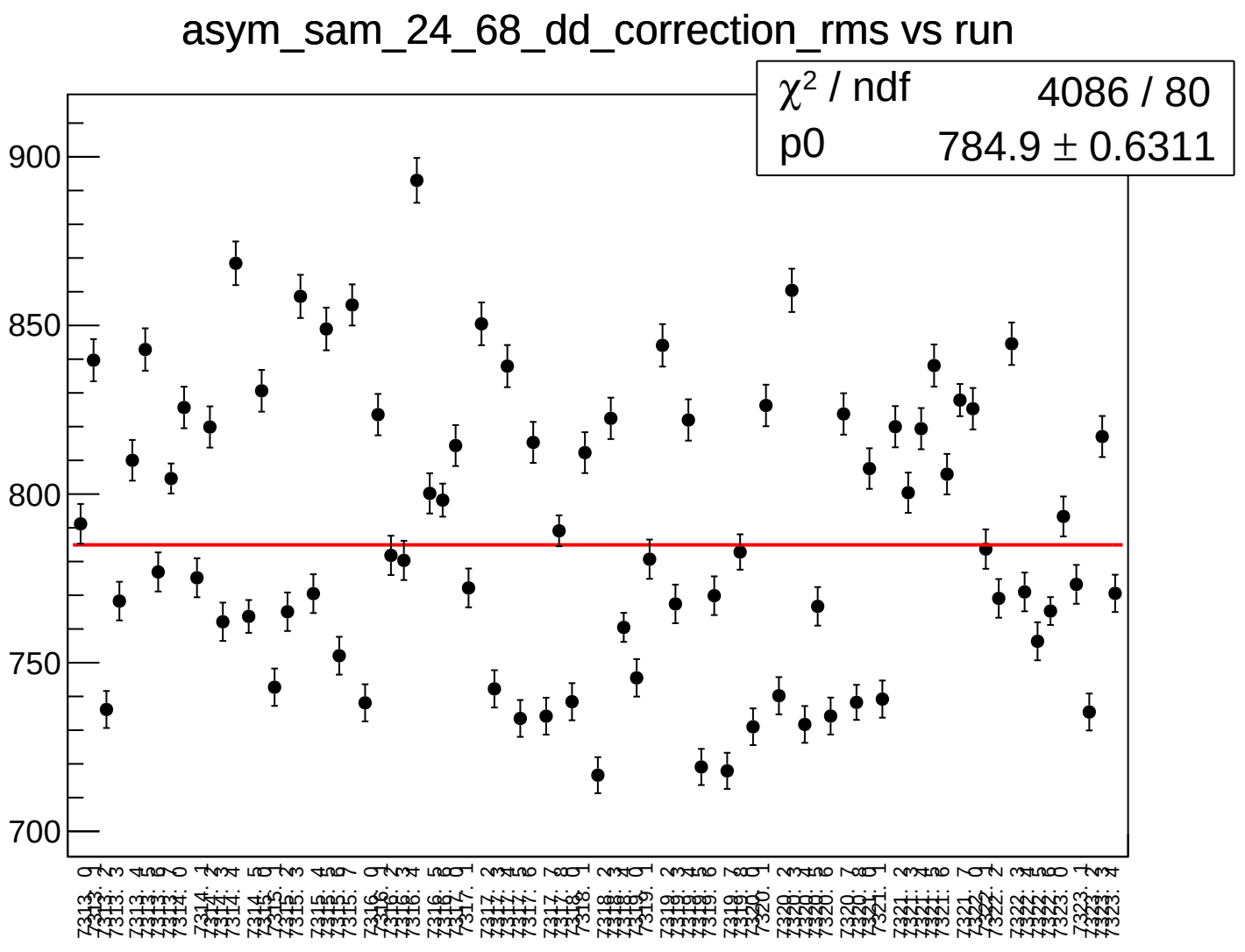

asym_sam_15_37_dd_rms vs run
χ² / ndf 7473 / 80
p0 266.9 ± 0.2149
320
300
280
260
240
220

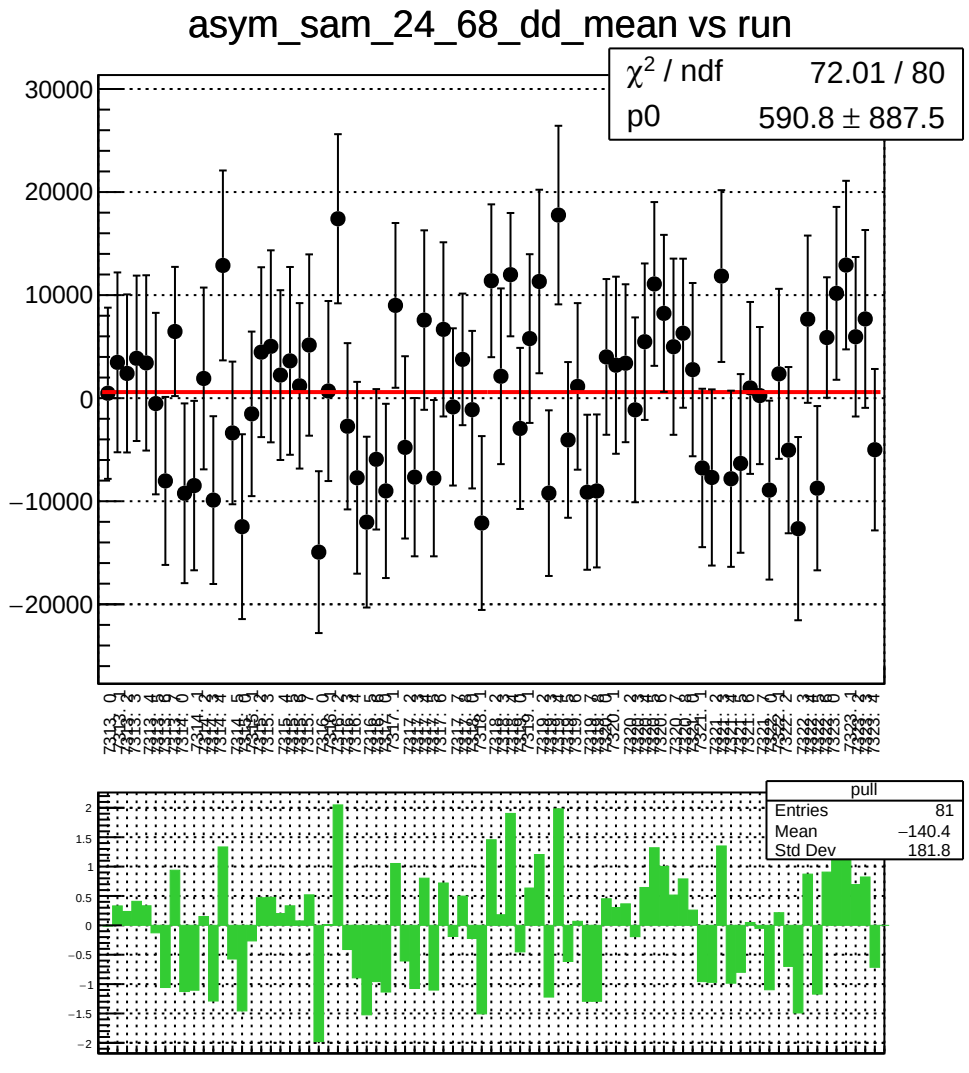

dit_asym_sam_24_68_dd_mean vs run
χ² / ndf 105.5 / 80
p0 −138.4 ± 90.67
pull
Entries 81
Mean −110.8
Std Dev 142.8

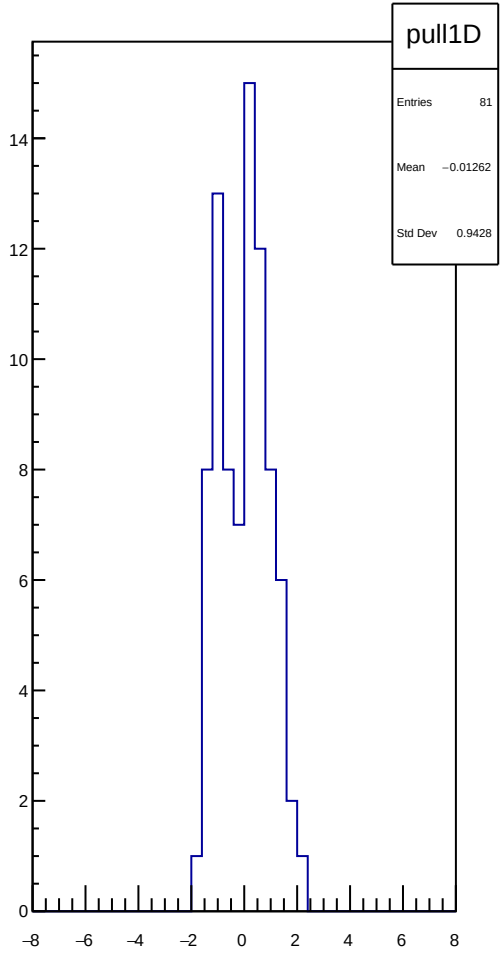

pull1D
Entries 81
Mean 0.02197
Std Dev 1.141

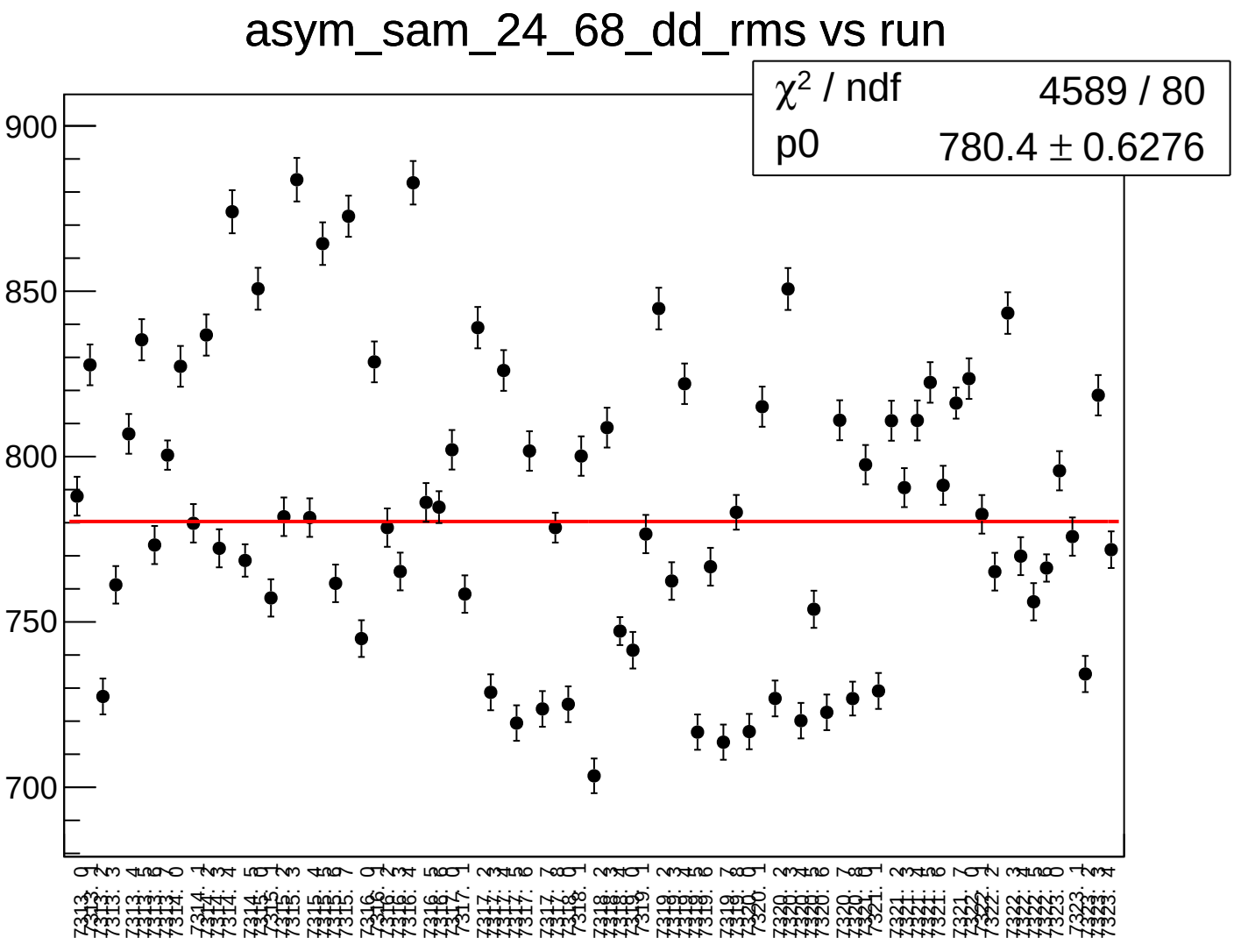

dit_asym_sam_24_68_dd_rms vs run
χ^2 / ndf 4.668e+04 / 80
p0 78.63 ± 0.06411
140
130
120
110
100
90
80
70

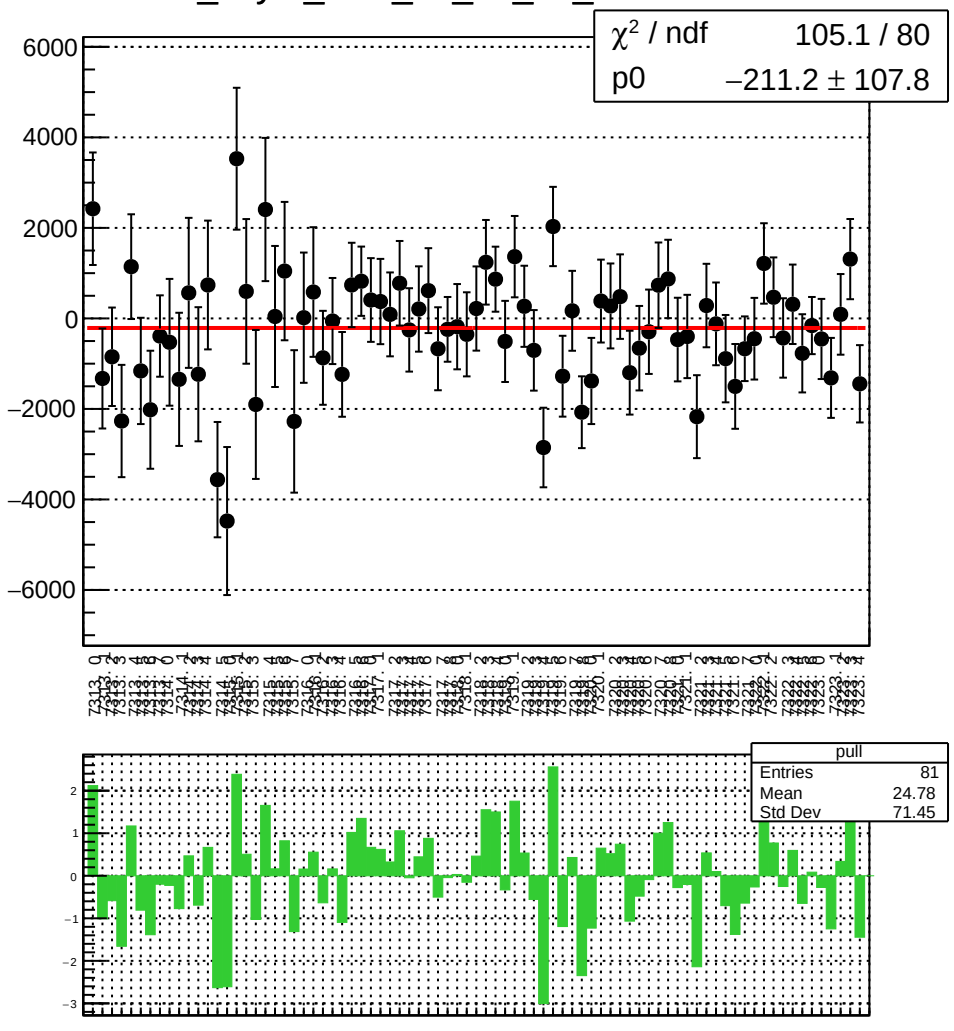

asym_sam_24_68_dd_correction_mean vs run
χ² / ndf 73.81 / 80
p0 −693.3 ± 892.6
20000
10000
0
−10000
−20000
−30000
pull
Entries 81
Mean −166.4
Std Dev 206.8
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
pull1D
Entries 81
Mean 0.01293
Std Dev 0.9545
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

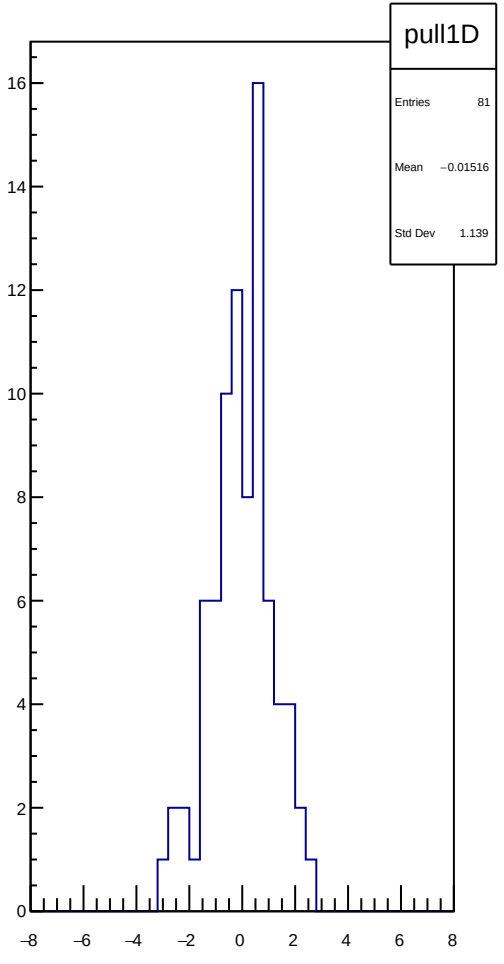

asym_sam_24_68_dd_correction_rms vs run
χ² / ndf 4086 / 80
p0 784.9 ± 0.6311
900
850
800
750
700

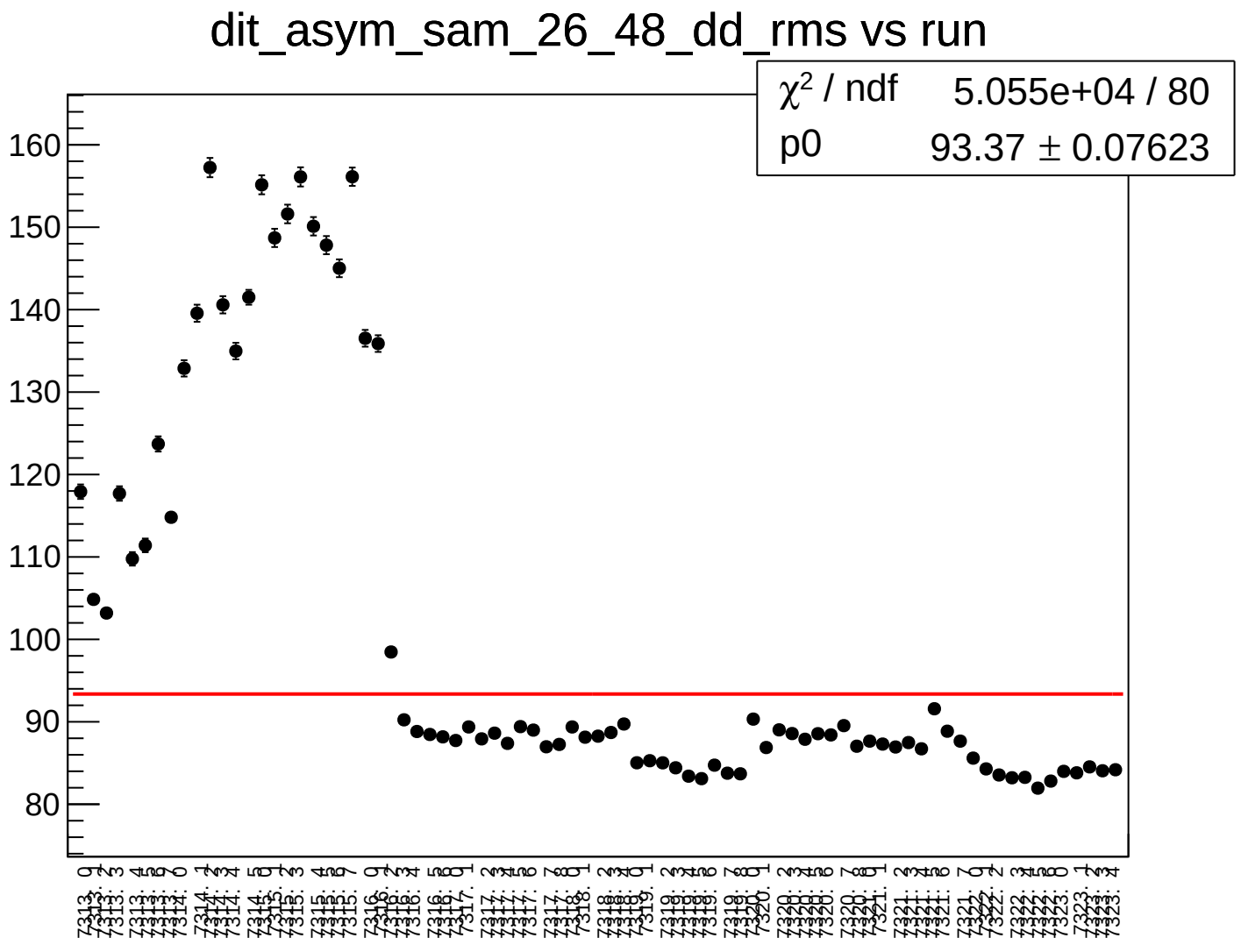

asym_sam_24_68_dd_mean vs run
χ^2 / ndf 72.01 / 80
p0 590.8 ± 887.5
pull
Entries 81
Mean −140.4
Std Dev 181.8

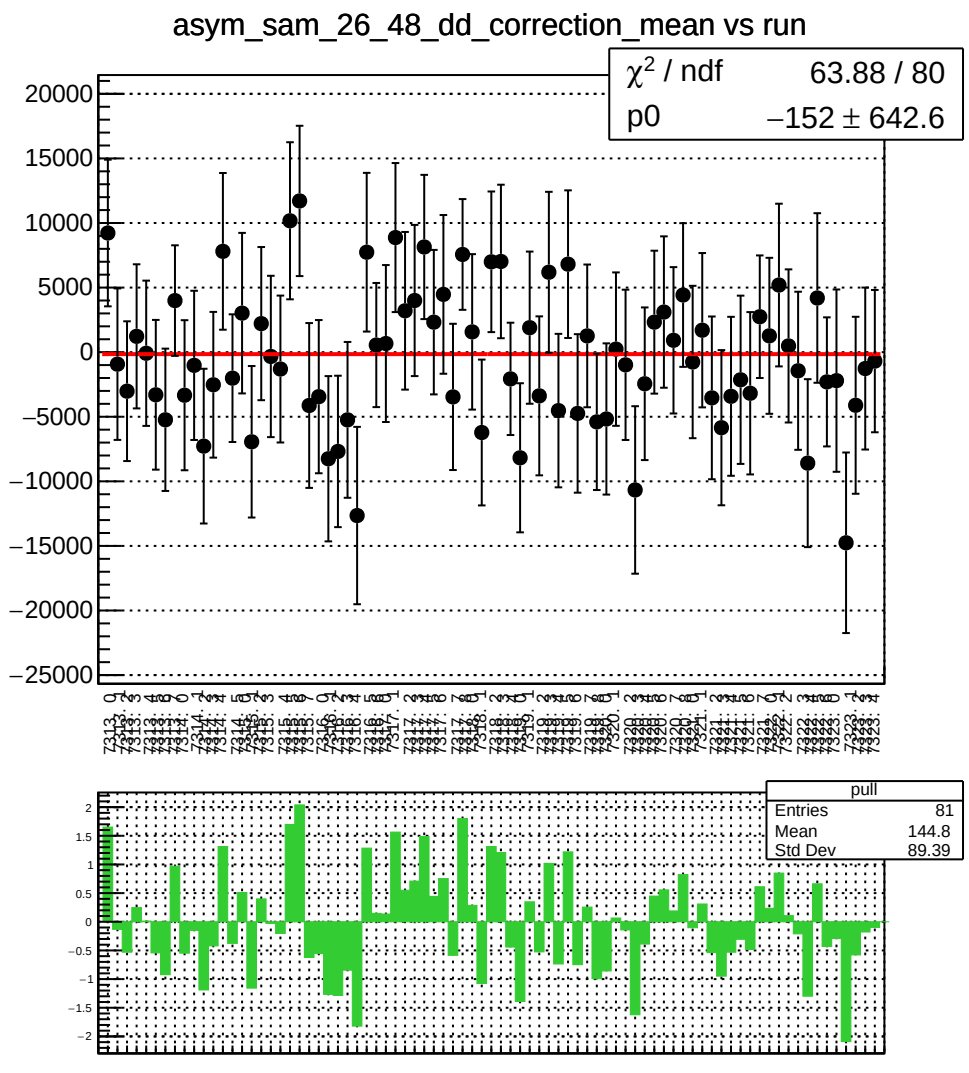

pull1D
Entries 81
Mean −0.01262
Std Dev 0.9428

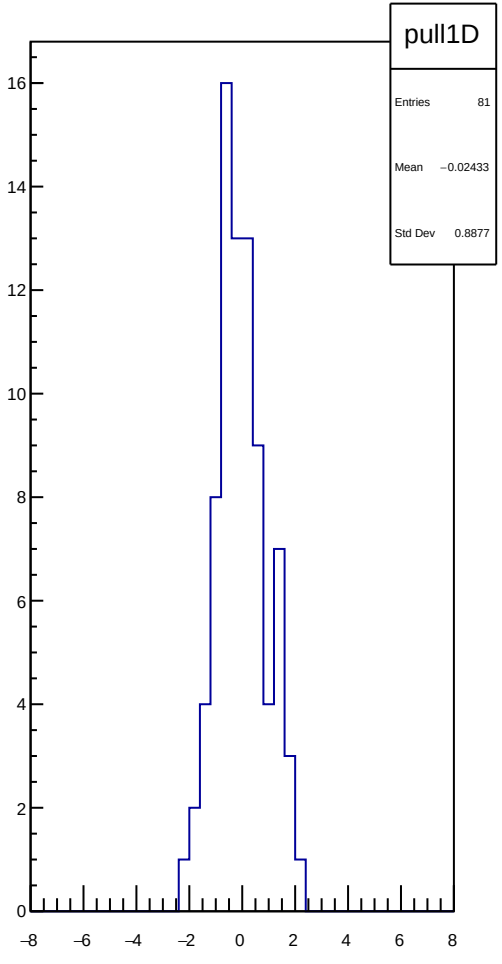

asym_sam_24_68_dd_rms vs run
χ² / ndf 4589 / 80
p0 780.4 ± 0.6276
900
850
800
750
700

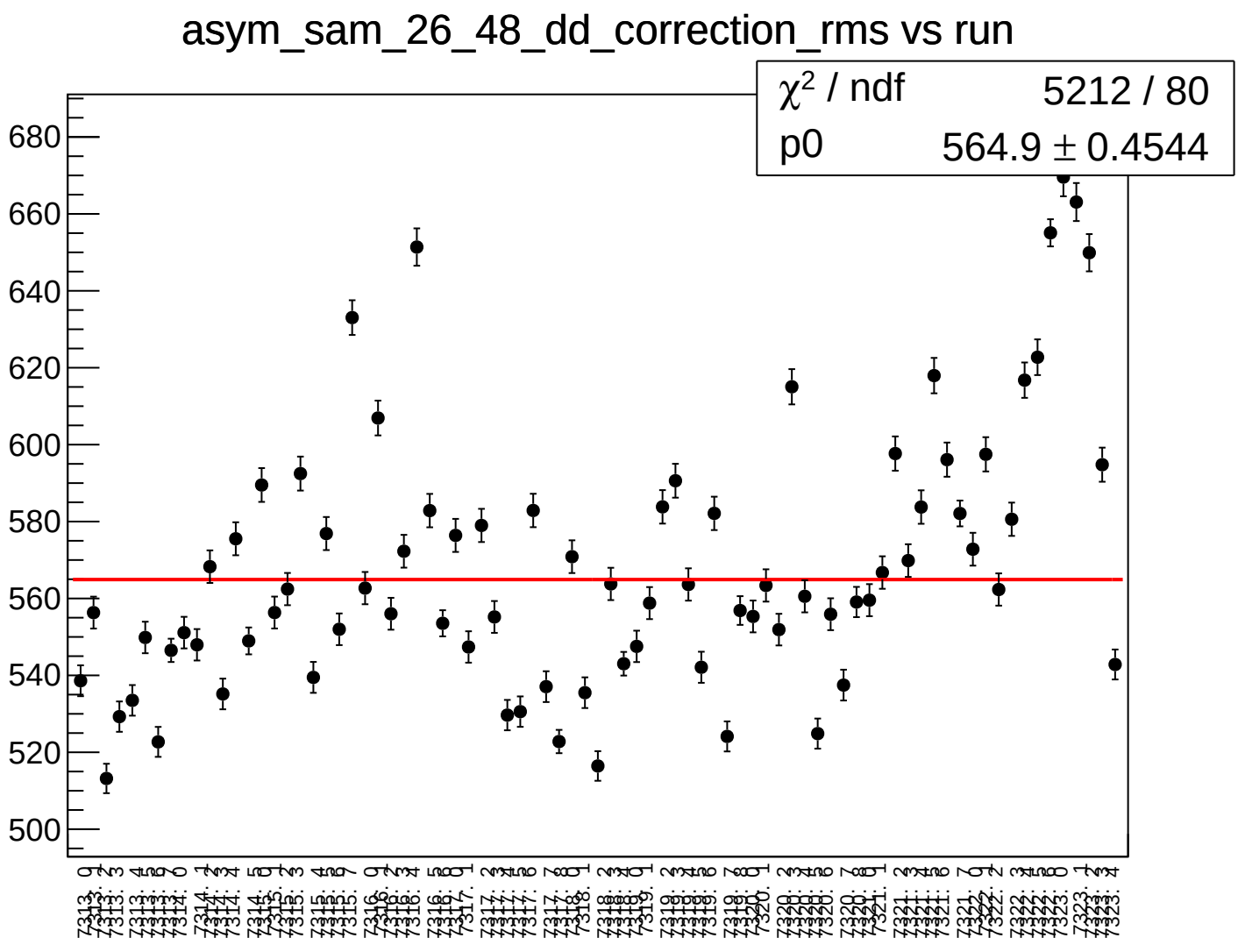

dit_asym_sam_26_48_dd_mean vs run
χ² / ndf 105.1 / 80
p0 −211.2 ± 107.8
pull
Entries 81
Mean 24.78
Std Dev 71.45

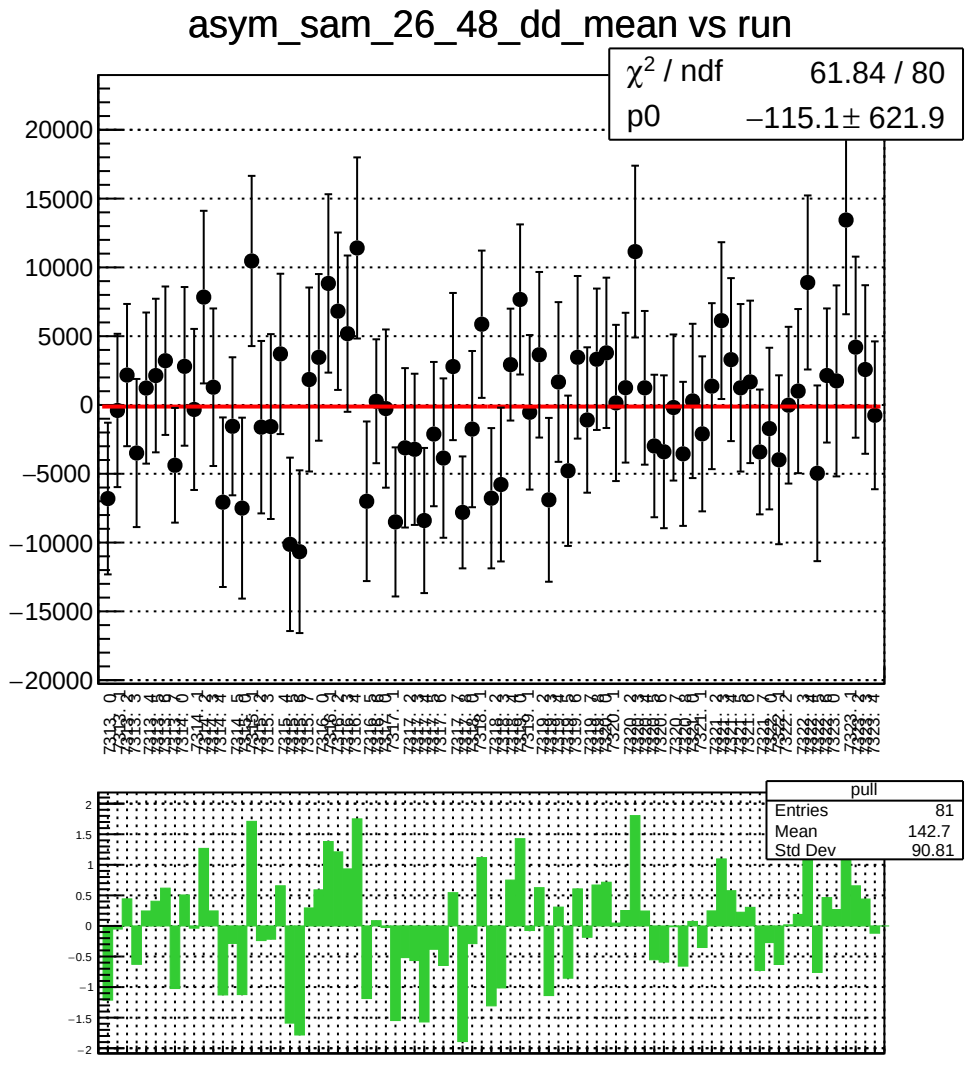

pull1D
Entries 81
Mean −0.01516
Std Dev 1.139

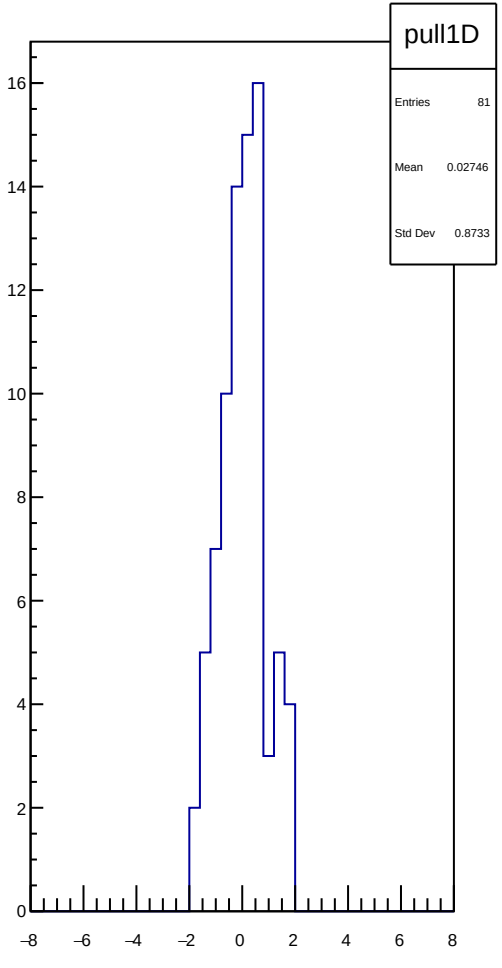

dit_asym_sam_26_48_dd_rms vs run
χ^2 / ndf 5.055e+04 / 80
p0 93.37 ± 0.07623
160
150
140
130
120
110
100
90
80

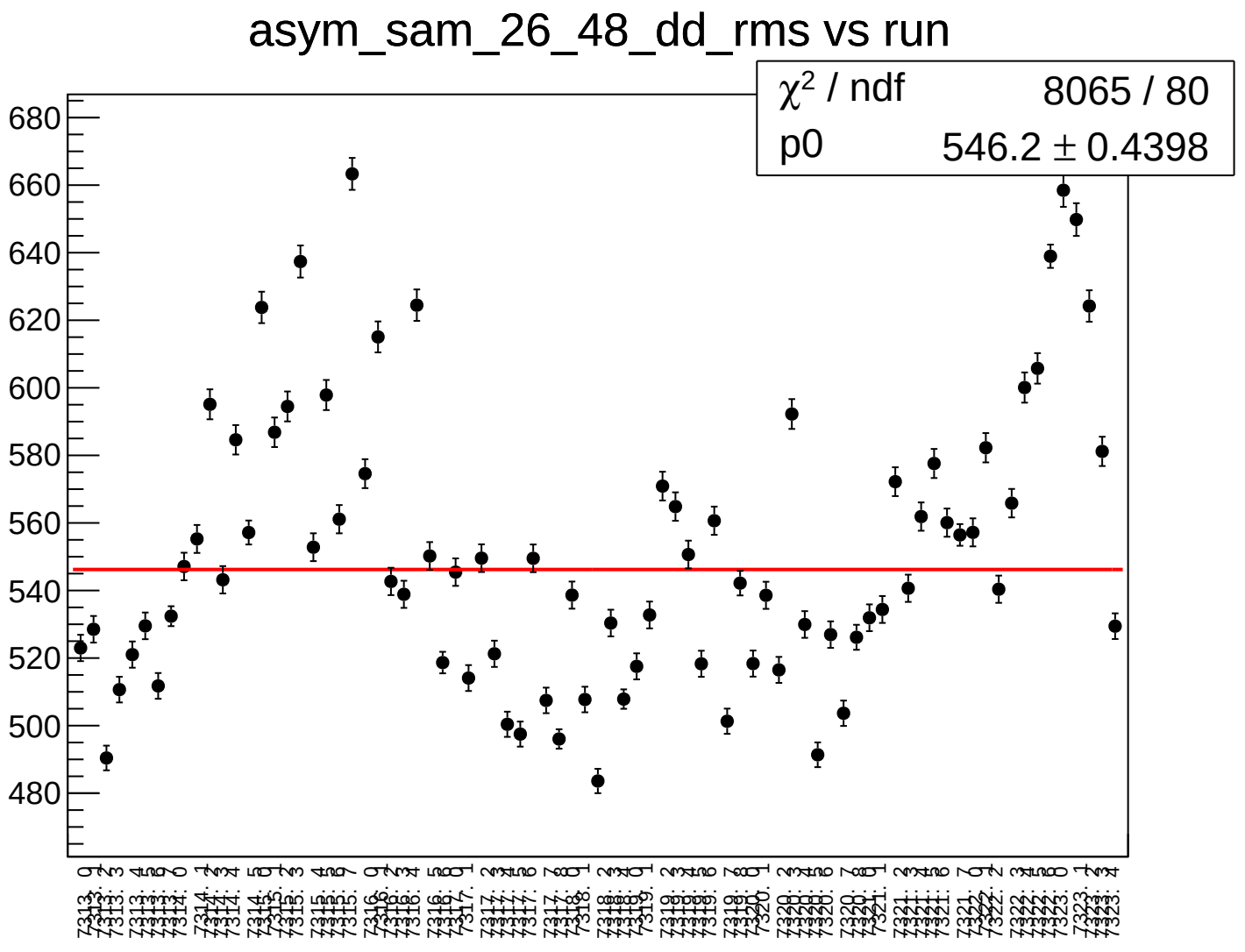

asym_sam_26_48_dd_correction_mean vs run
χ² / ndf 63.88 / 80
p0 −152 ± 642.6
pull
Entries 81
Mean 144.8
Std Dev 89.39

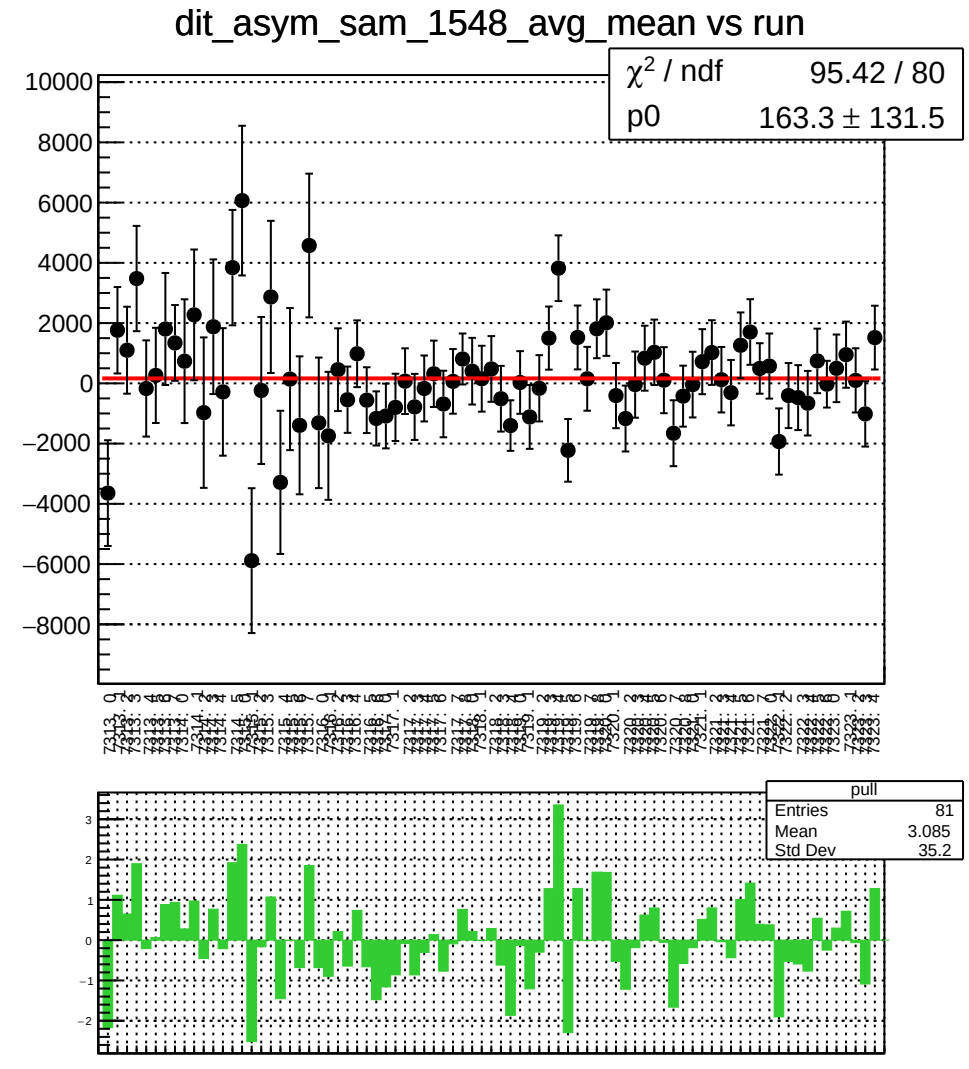

pull1D
Entries 81
Mean −0.02433
Std Dev 0.8877

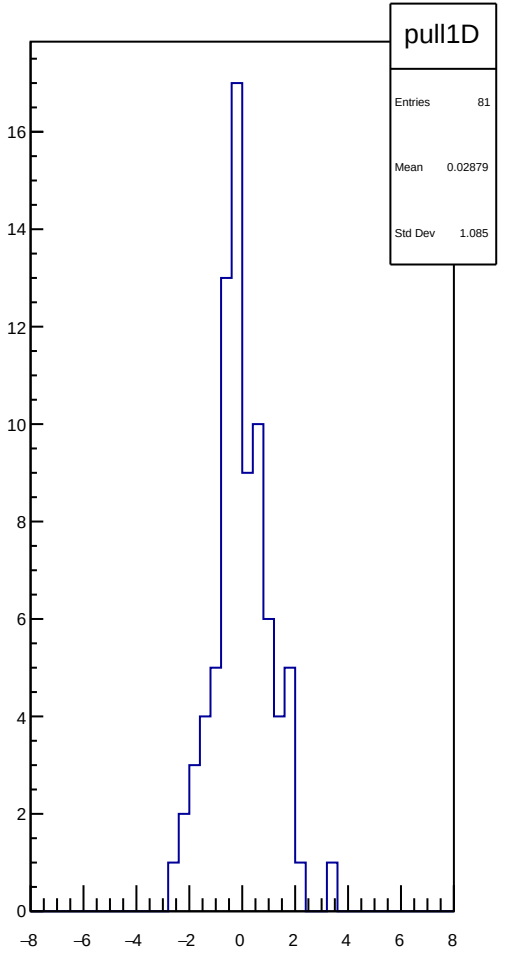

asym_sam_26_48_dd_correction_rms vs run
χ² / ndf 5212 / 80
p0 564.9 ± 0.4544
680
660
640
620
600
580
560
540
520
500

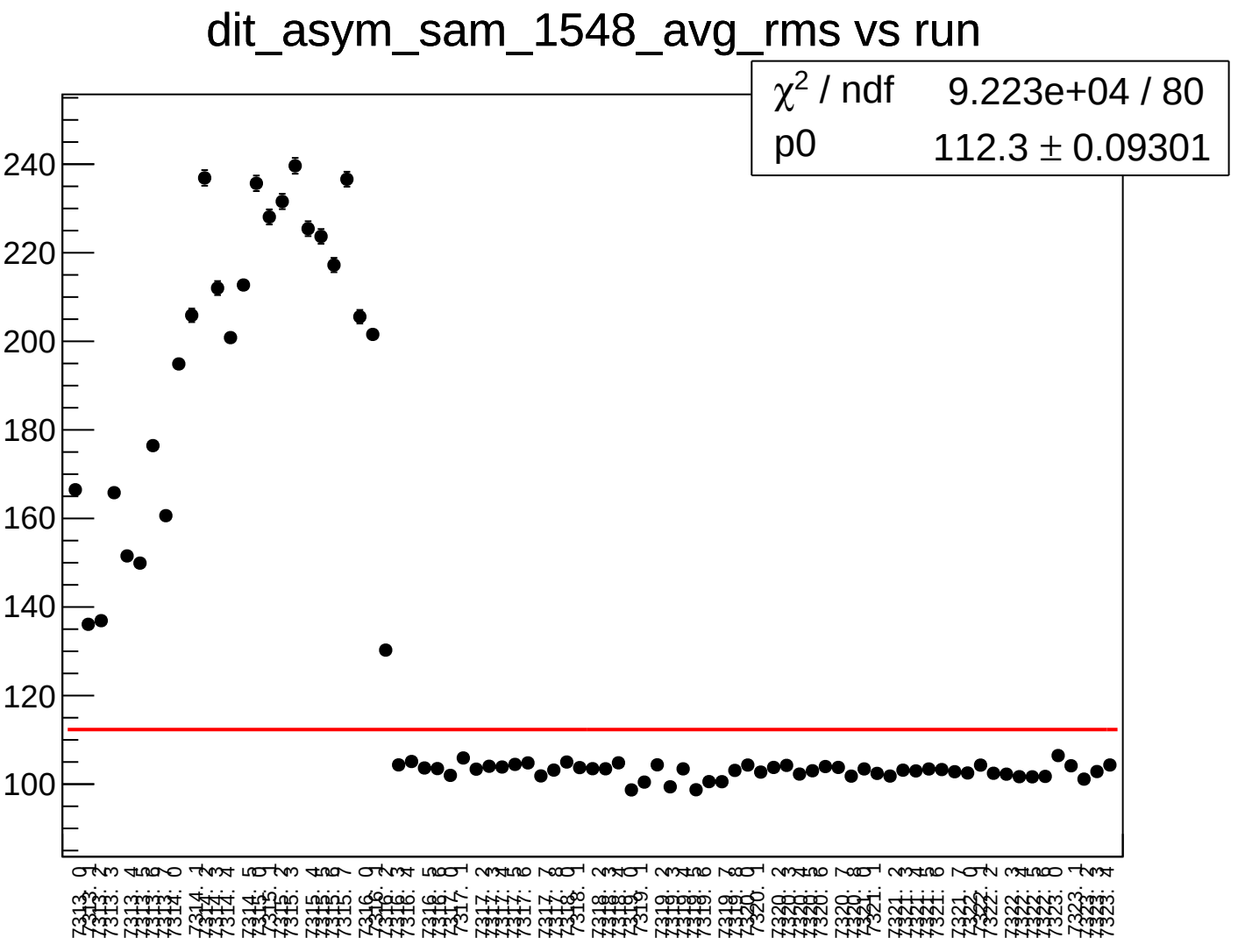

asym_sam_26_48_dd_mean vs run
χ² / ndf 61.84 / 80
p0 −115.1± 621.9
pull
Entries 81
Mean 142.7
Std Dev 90.81

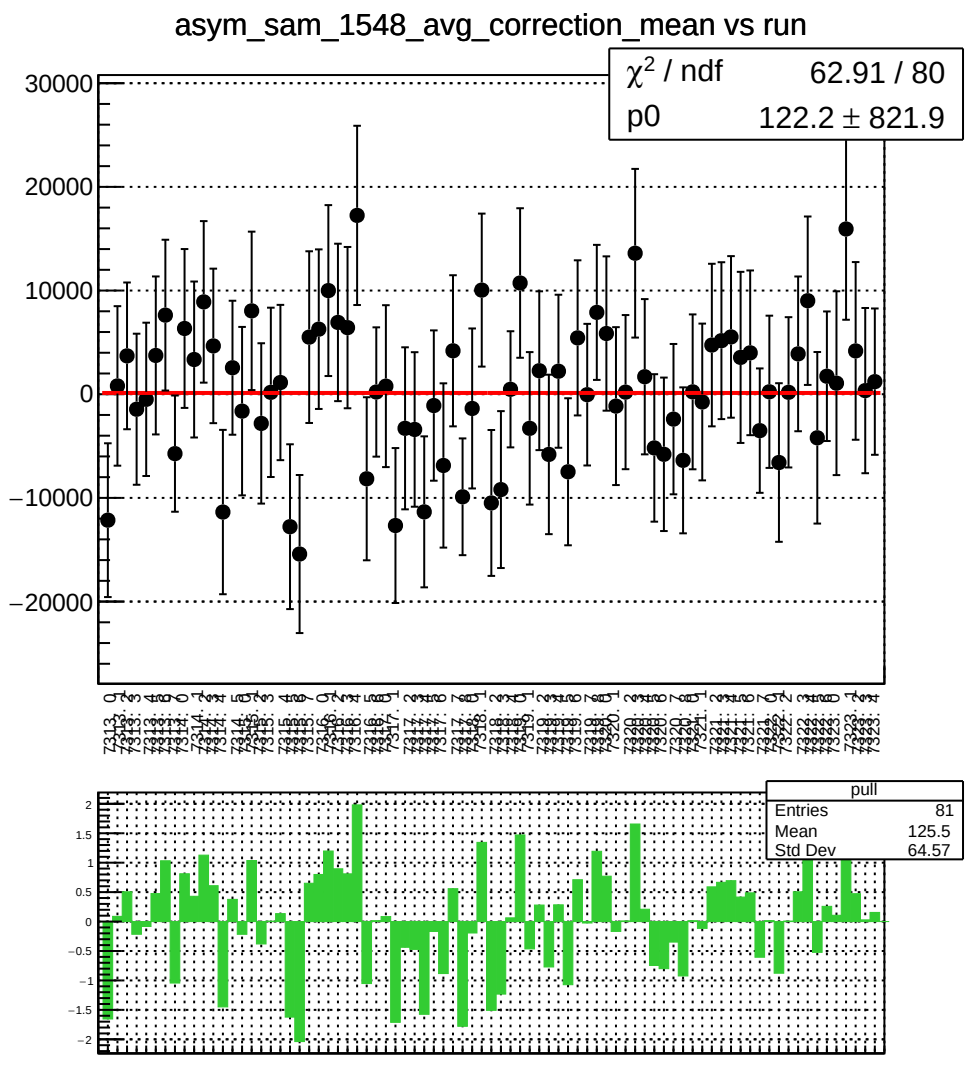

pull1D
Entries 81
Mean 0.02746
Std Dev 0.8733

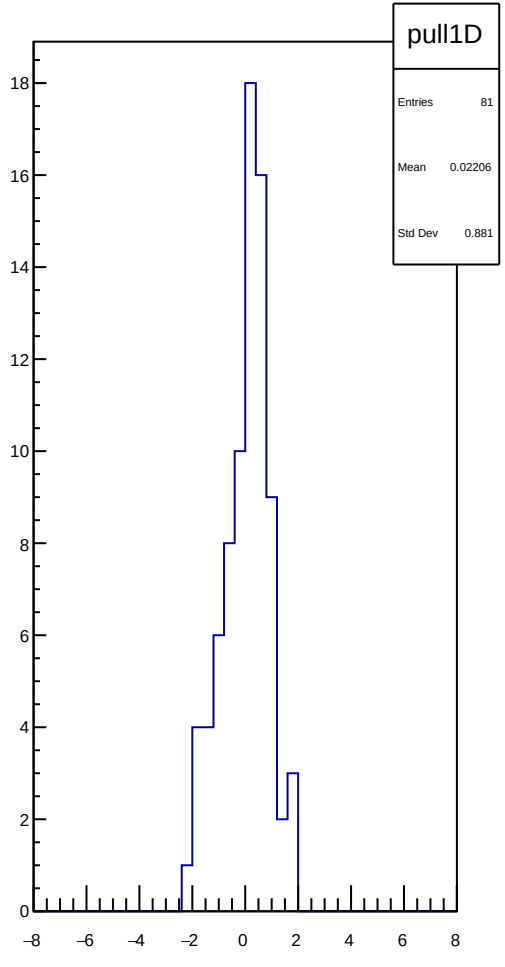

asym_sam_26_48_dd_rms vs run
χ² / ndf 8065 / 80
p0 546.2 ± 0.4398
680
660
640
620
600
580
560
540
520
500
480

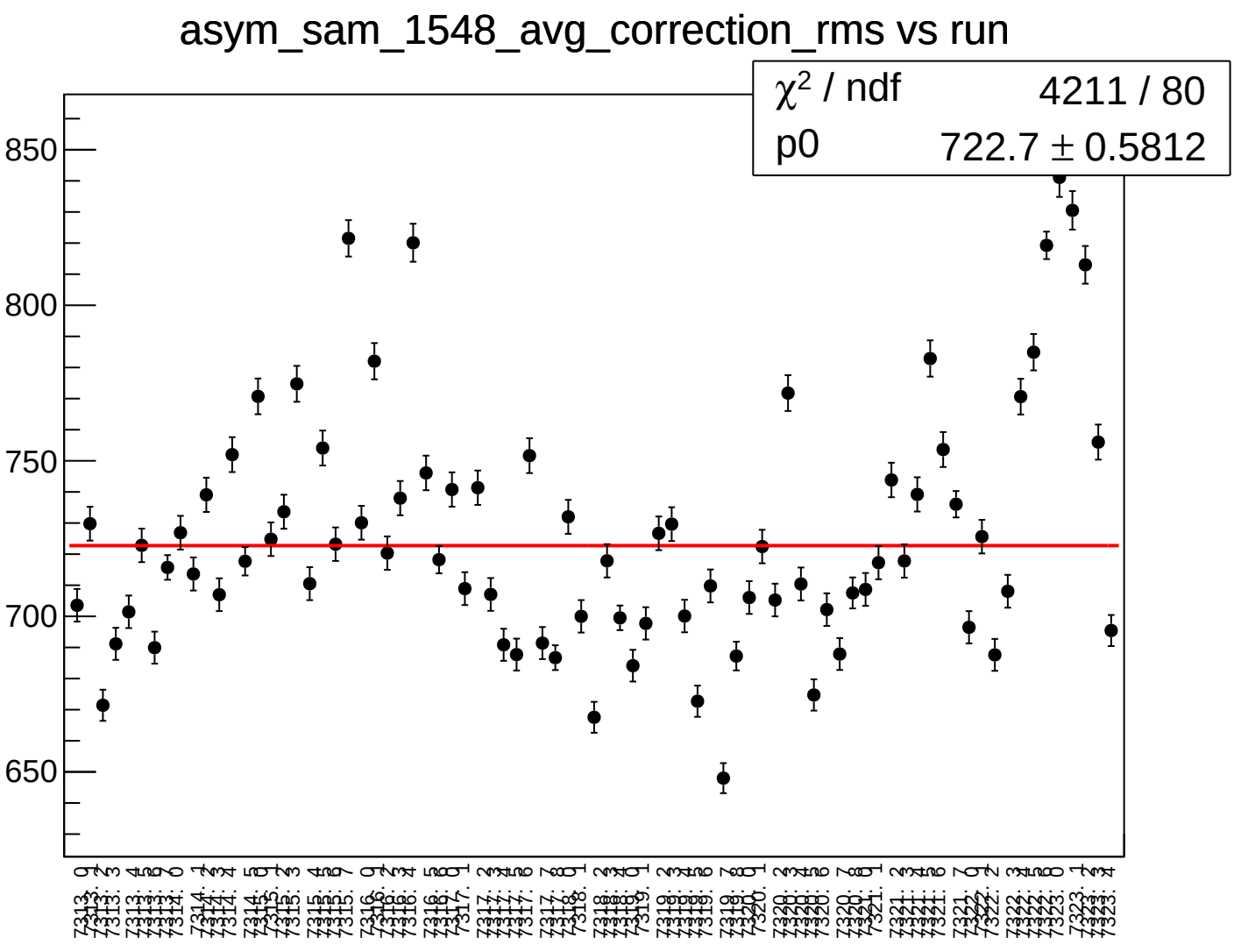

dit_asym_sam_1548_avg_mean vs run
χ² / ndf 95.42 / 80
p0 163.3 ± 131.5
pull
Entries 81
Mean 3.085
Std Dev 35.2

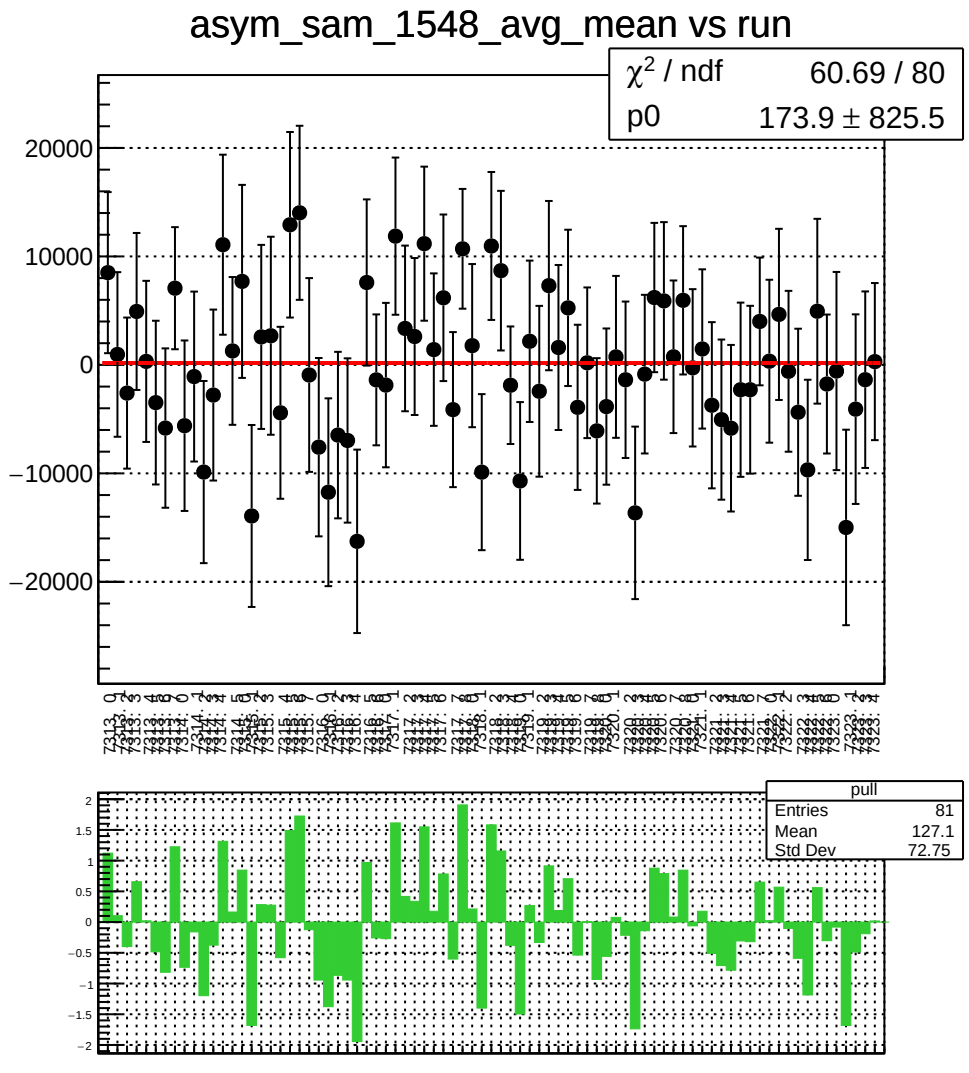

pull1D
Entries 81
Mean 0.02879
Std Dev 1.085

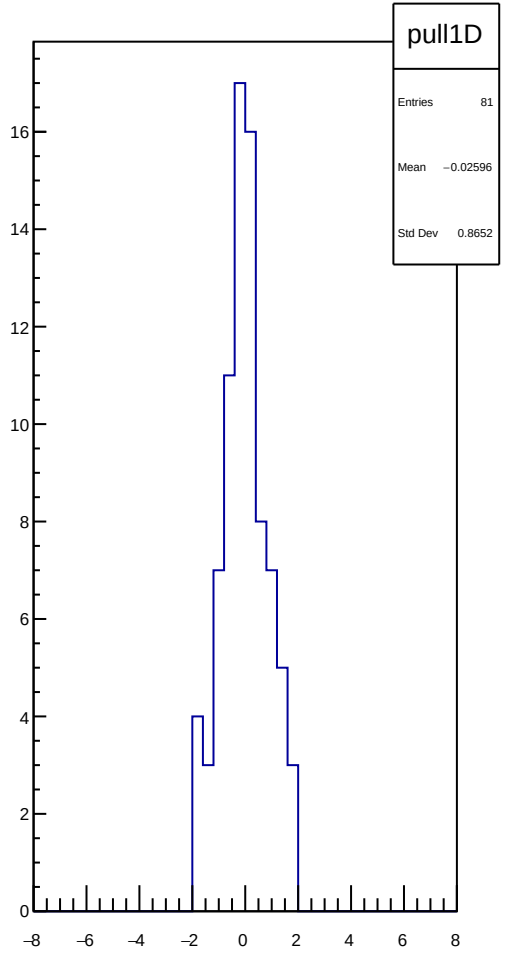

dit_asym_sam_1548_avg_rms vs run
χ^2 / ndf 9.223e+04 / 80
p0 112.3 ± 0.09301
240
220
200
180
160
140
120
100

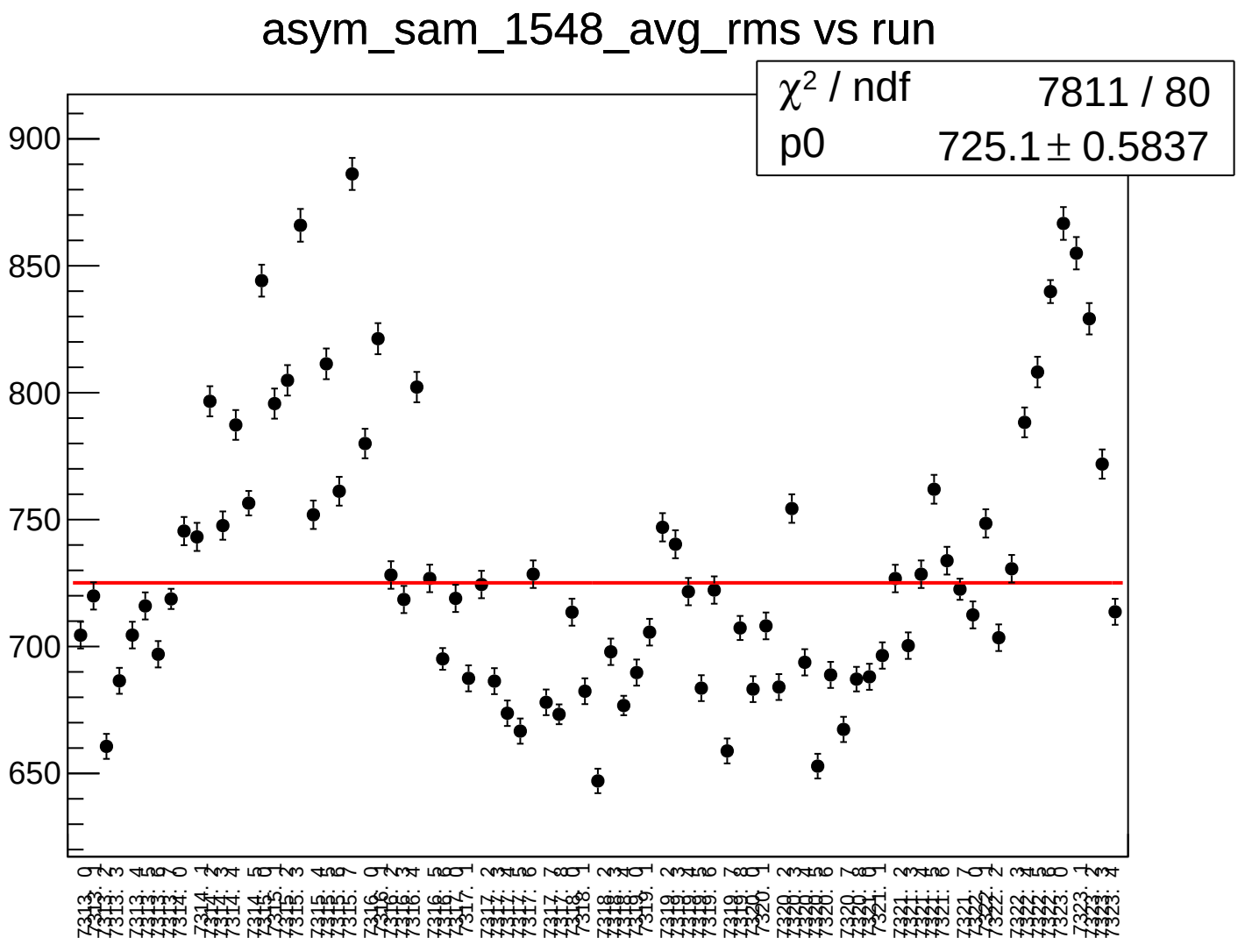

asym_sam_1548_avg_correction_mean vs run
χ² / ndf 62.91 / 80
p0 122.2 ± 821.9
30000
20000
10000
0
−10000
−20000
pull
Entries 81
Mean 125.5
Std Dev 64.57
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

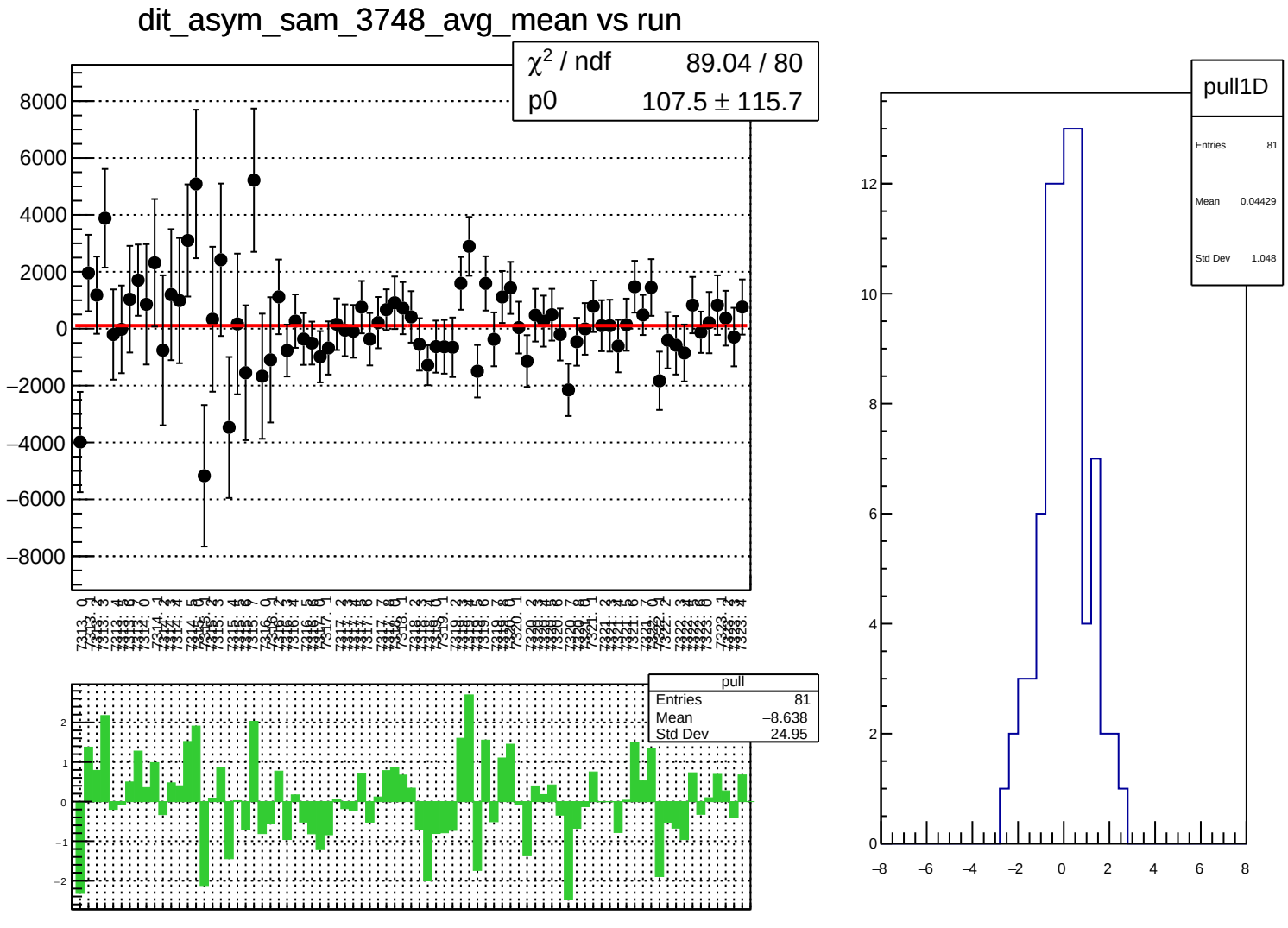

pull1D
Entries 81
Mean 0.02206
Std Dev 0.881
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

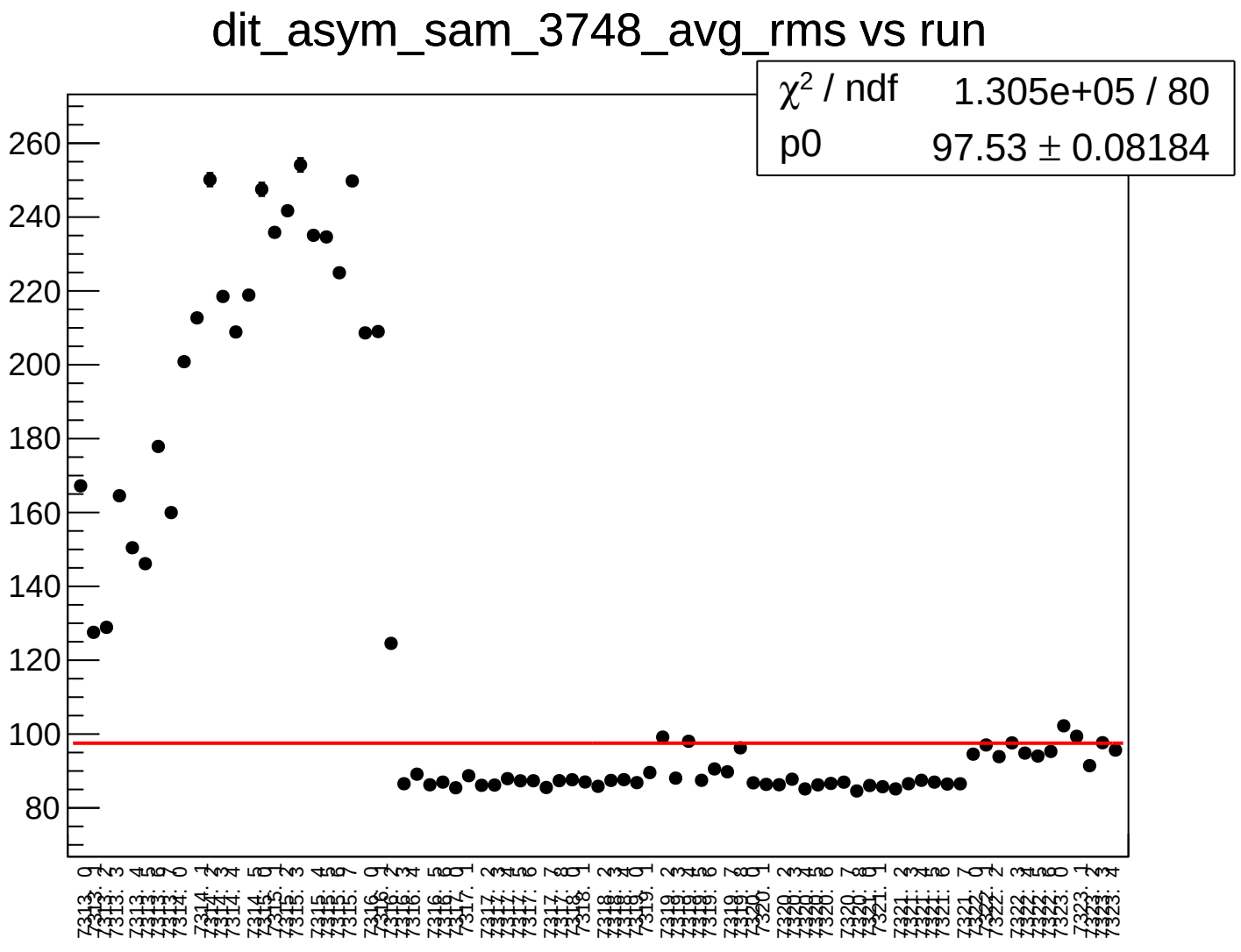

asym_sam_1548_avg_correction_rms vs run
χ² / ndf 4211 / 80
p0 722.7 ± 0.5812
850
800
750
700
650

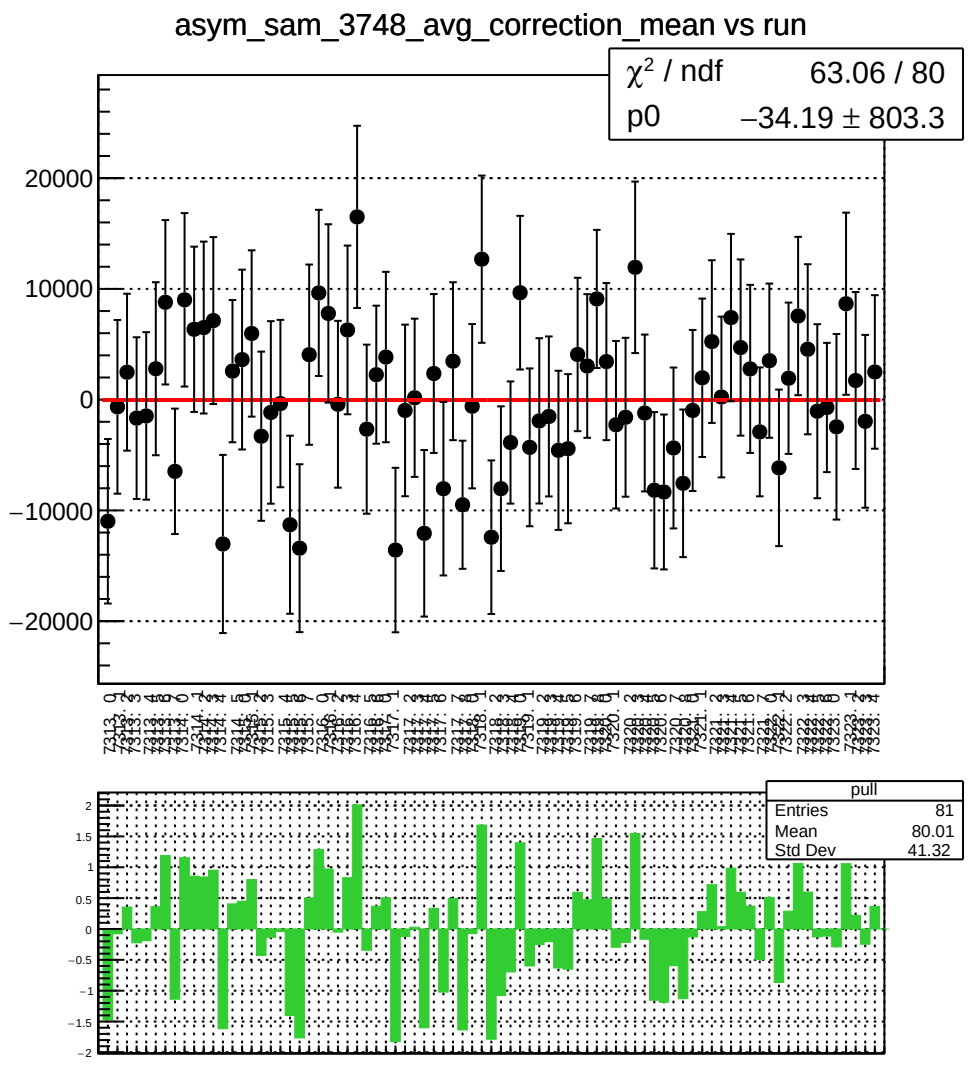

asym_sam_1548_avg_mean vs run
χ² / ndf 60.69 / 80
p0 173.9 ± 825.5
20000
10000
0
−10000
−20000
pull
Entries 81
Mean 127.1
Std Dev 72.75
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

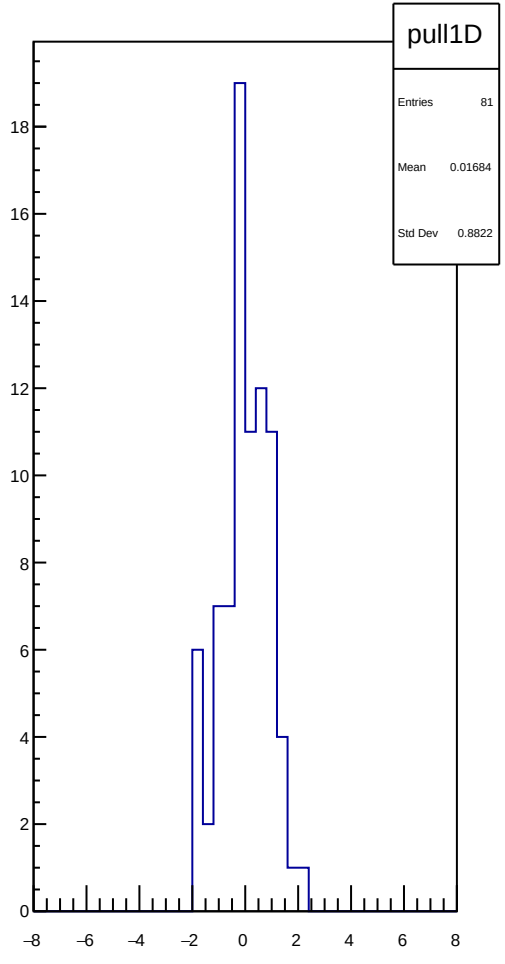

pull1D
Entries 81
Mean −0.02596
Std Dev 0.8652
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

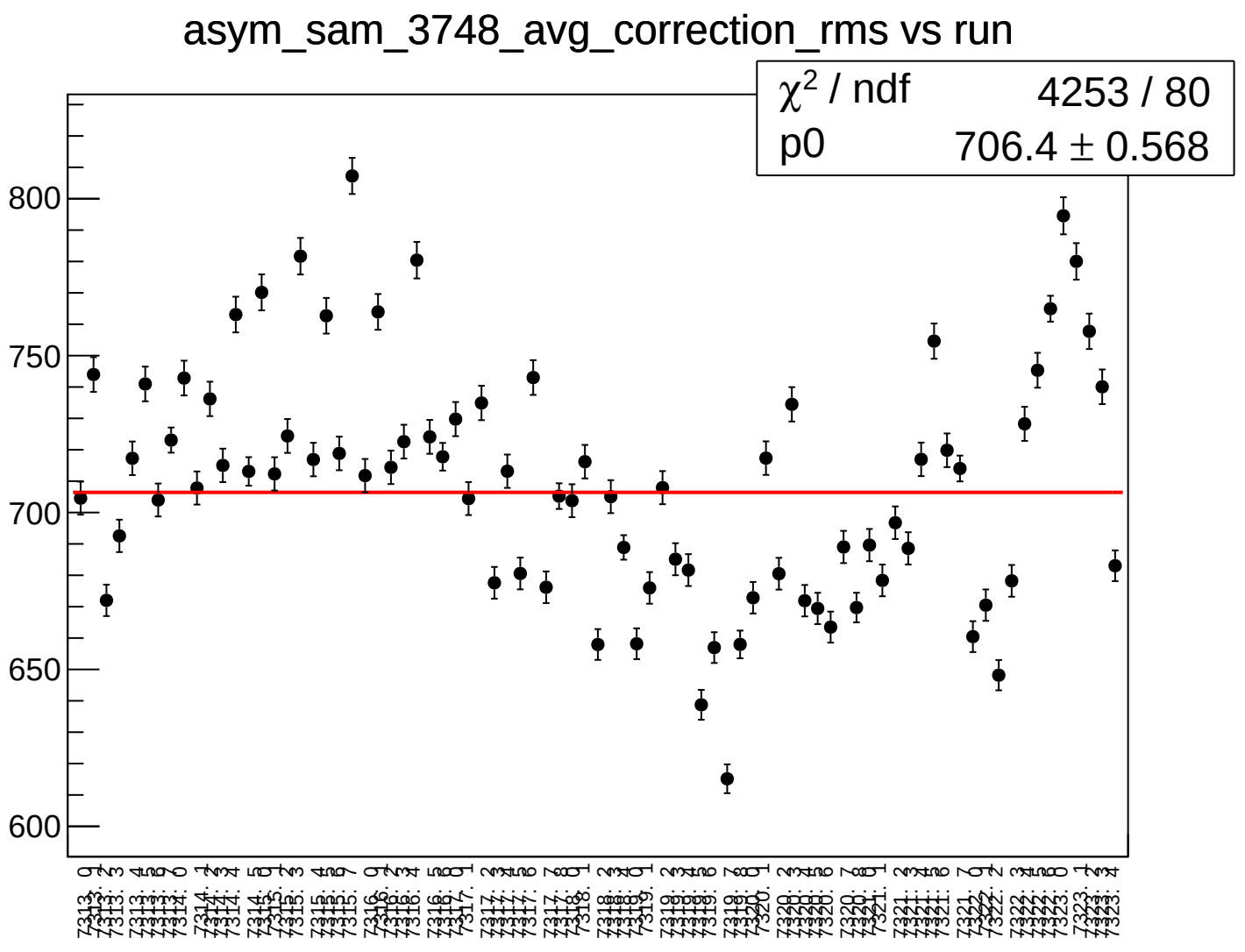

asym_sam_1548_avg_rms vs run
χ² / ndf 7811 / 80
p0 725.1 ± 0.5837
900
850
800
750
700
650

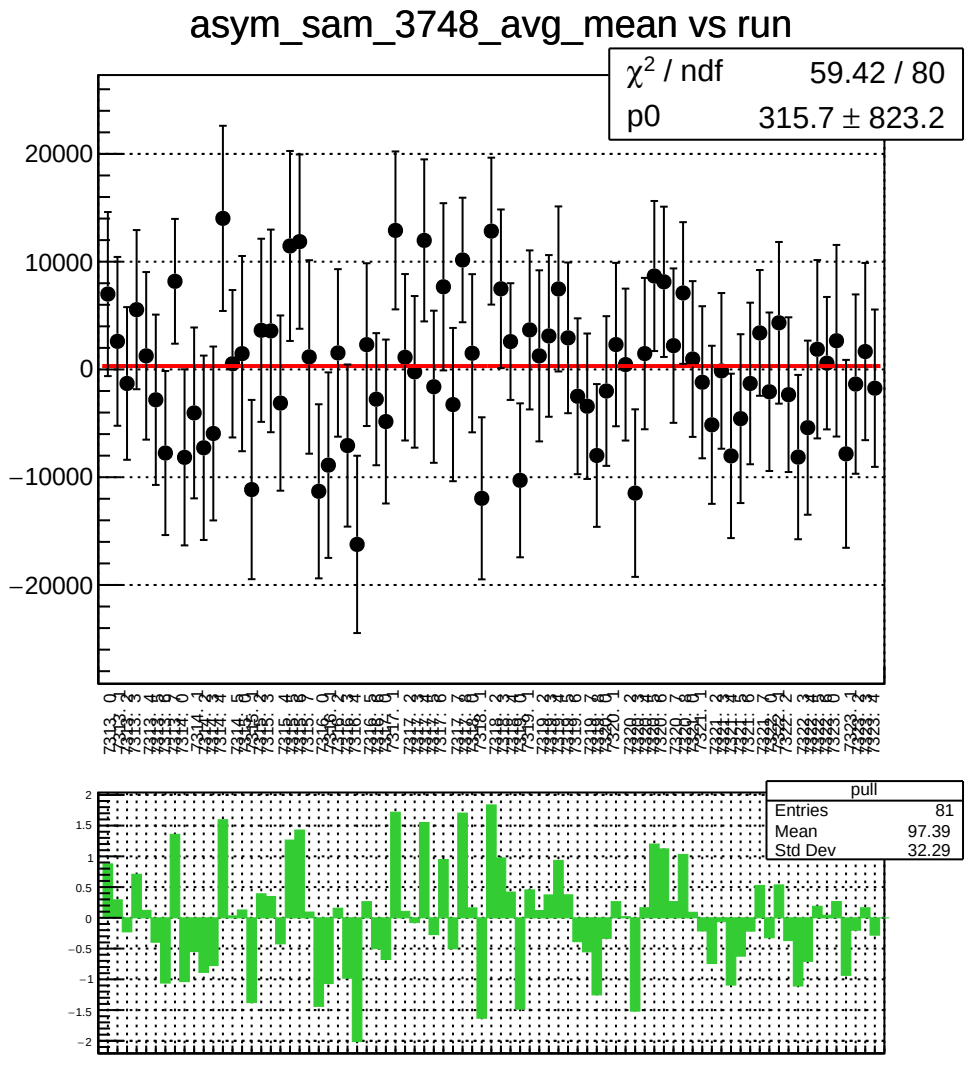

dit_asym_sam_3748_avg_mean vs run
χ² / ndf 89.04 / 80
p0 107.5 ± 115.7
pull
Entries 81
Mean −8.638
Std Dev 24.95
pull1D
Entries 81
Mean 0.04429
Std Dev 1.048

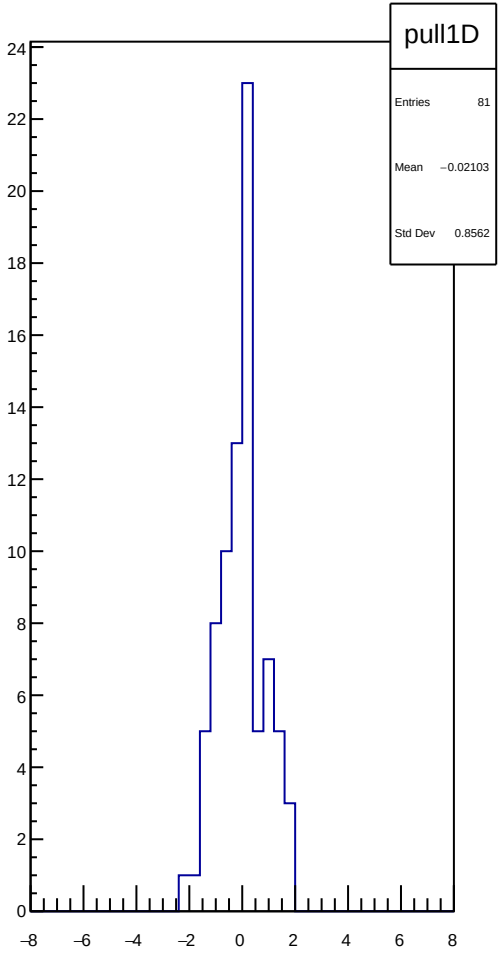

dit_asym_sam_3748_avg_rms vs run
χ² / ndf 1.305e+05 / 80
p0 97.53 ± 0.08184
260
240
220
200
180
160
140
120
100
80

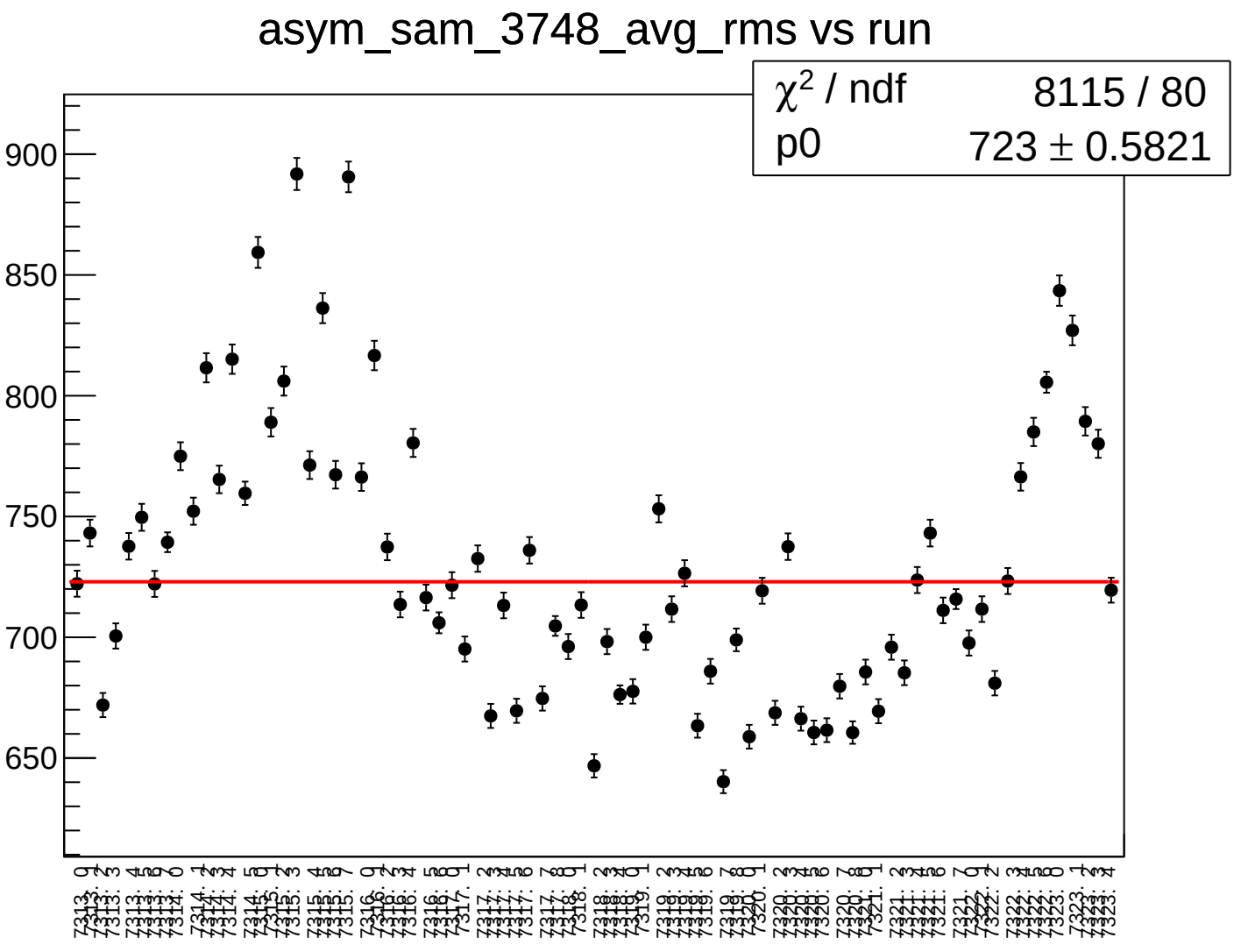

asym_sam_3748_avg_correction_mean vs run
χ² / ndf 63.06 / 80
p0 −34.19 ± 803.3
20000
10000
0
−10000
−20000
pull
Entries 81
Mean 80.01
Std Dev 41.32
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

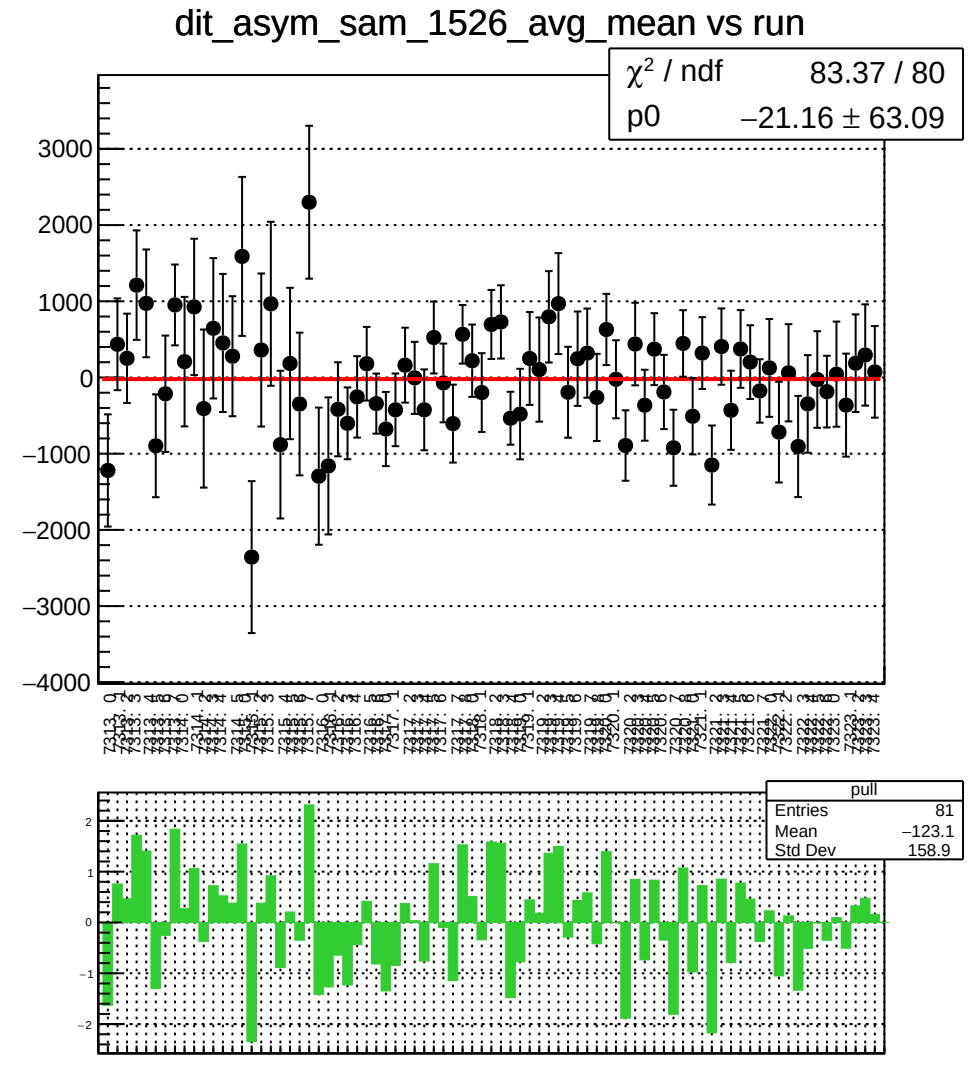

pull1D
Entries 81
Mean 0.01684
Std Dev 0.8822
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

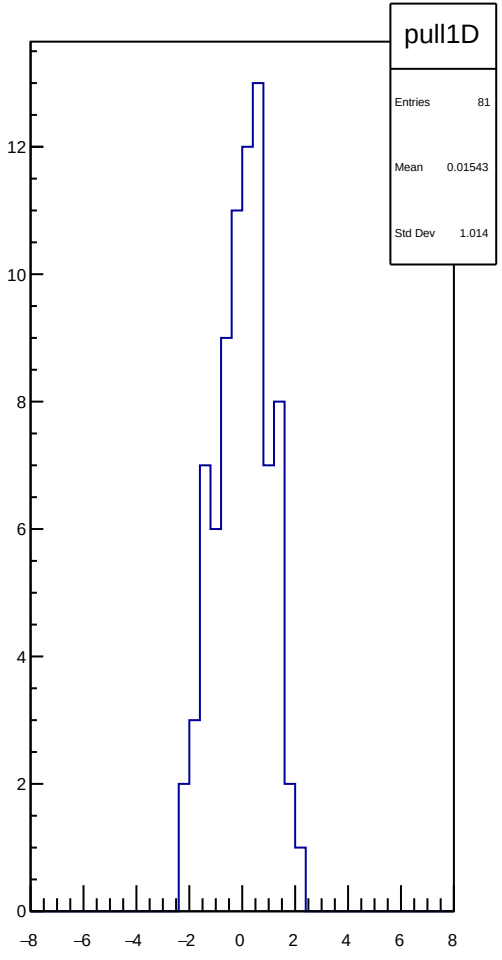

asym_sam_3748_avg_correction_rms vs run
χ² / ndf 4253 / 80
p0 706.4 ± 0.568
800
750
700
650
600

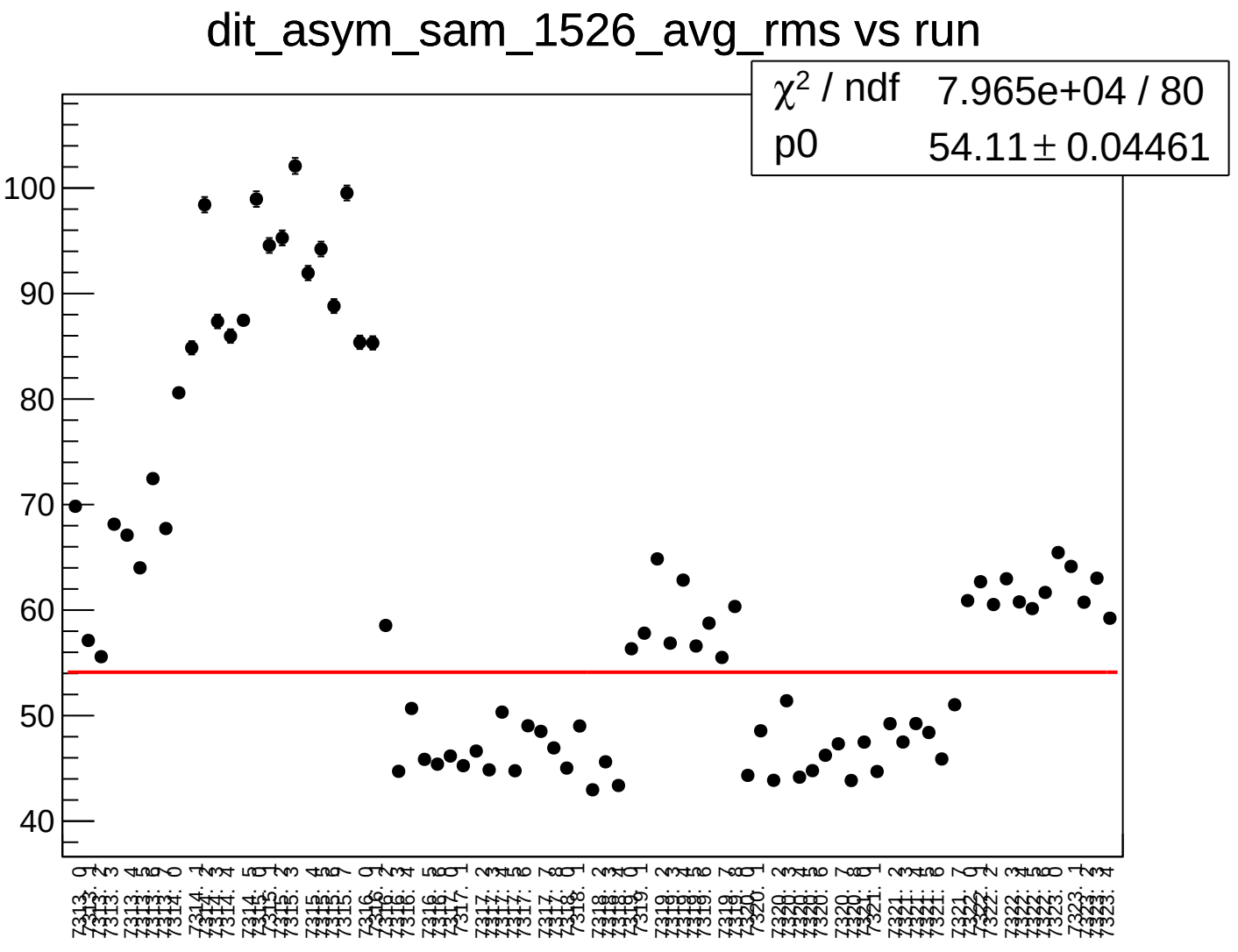

asym_sam_3748_avg_mean vs run
χ² / ndf 59.42 / 80
p0 315.7 ± 823.2
20000
10000
0
−10000
−20000
pull
Entries 81
Mean 97.39
Std Dev 32.29
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

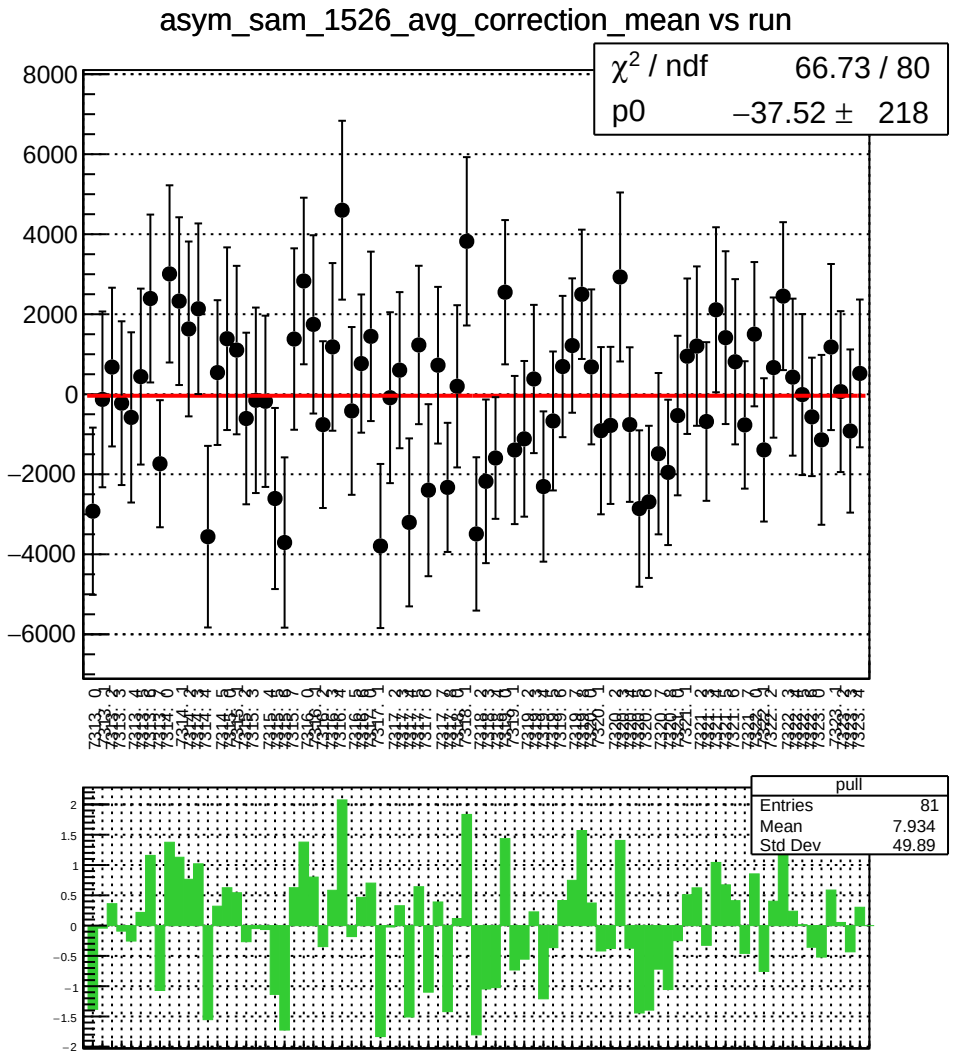

pull1D
Entries 81
Mean −0.02103
Std Dev 0.8562
24
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

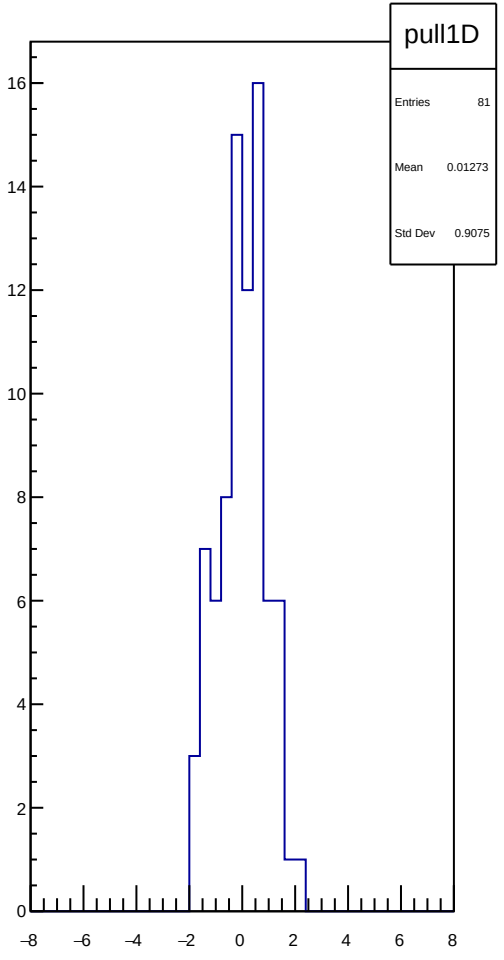

asym_sam_3748_avg_rms vs run
χ^2 / ndf 8115 / 80
p0 723 ± 0.5821
900
850
800
750
700
650

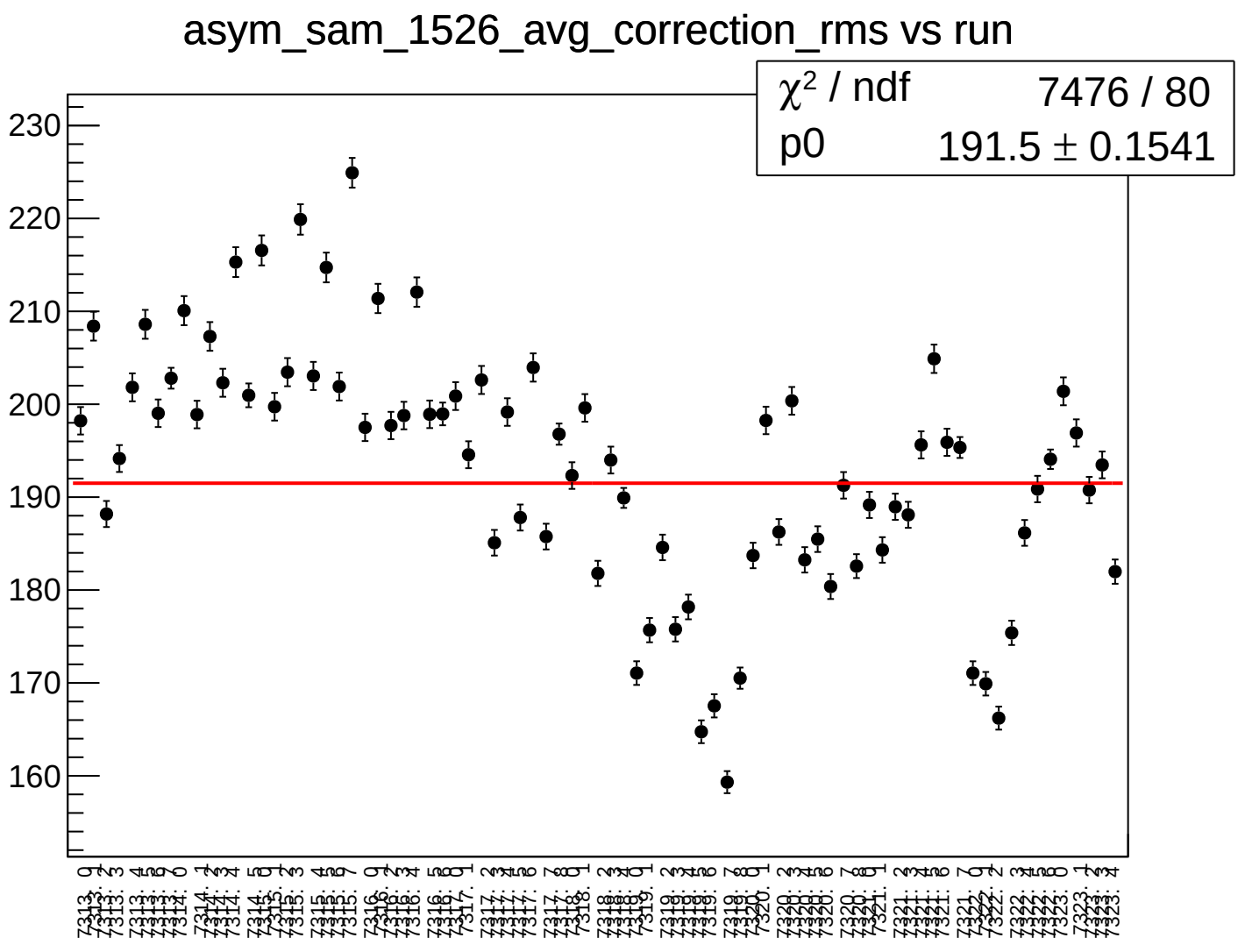

dit_asym_sam_1526_avg_mean vs run
χ² / ndf 83.37 / 80
p0 −21.16 ± 63.09
pull
Entries 81
Mean −123.1
Std Dev 158.9

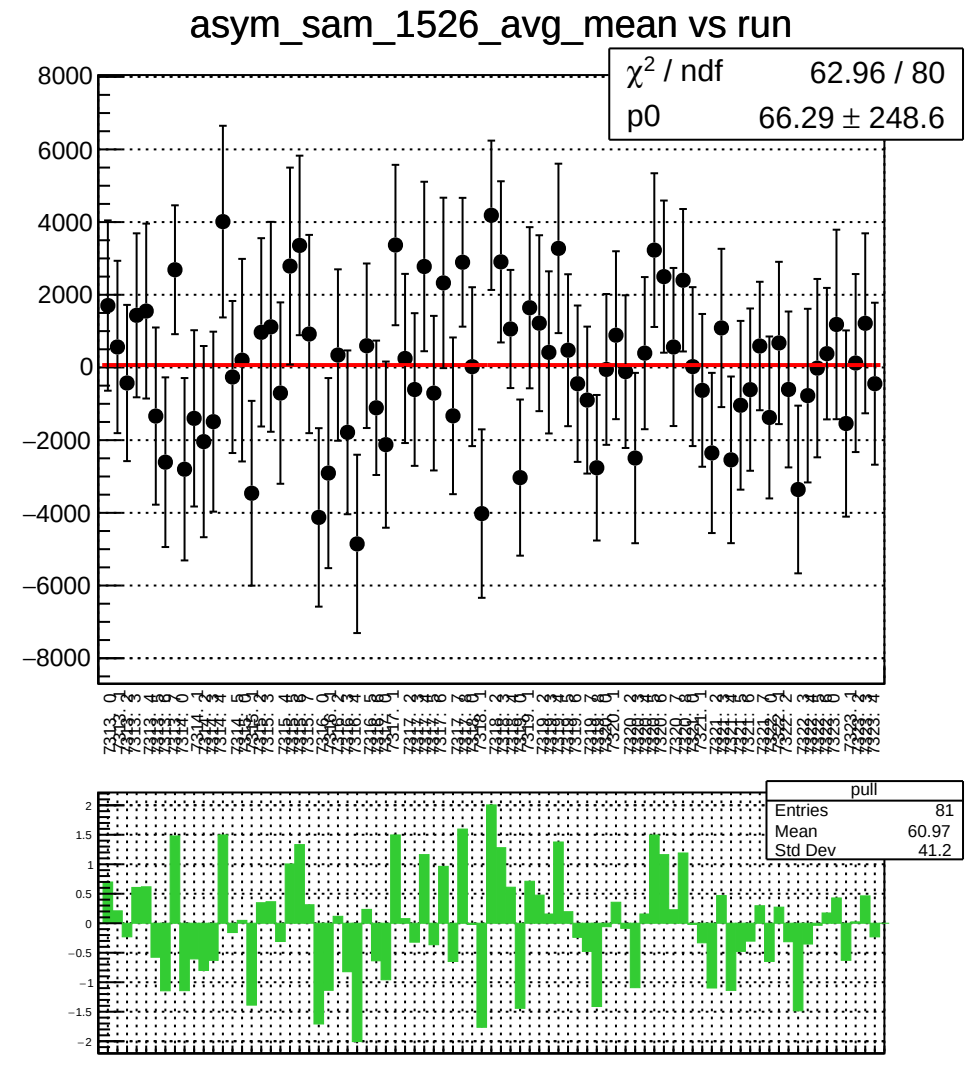

pull1D
Entries 81
Mean 0.01543
Std Dev 1.014

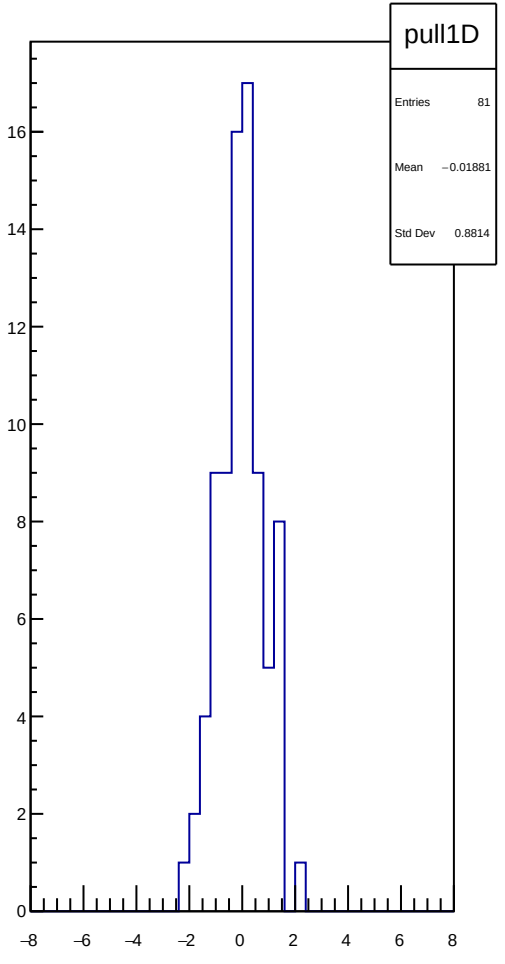

dit_asym_sam_1526_avg_rms vs run
χ^2 / ndf 7.965e+04 / 80
p0 54.11 ± 0.04461
100
90
80
70
60
50
40

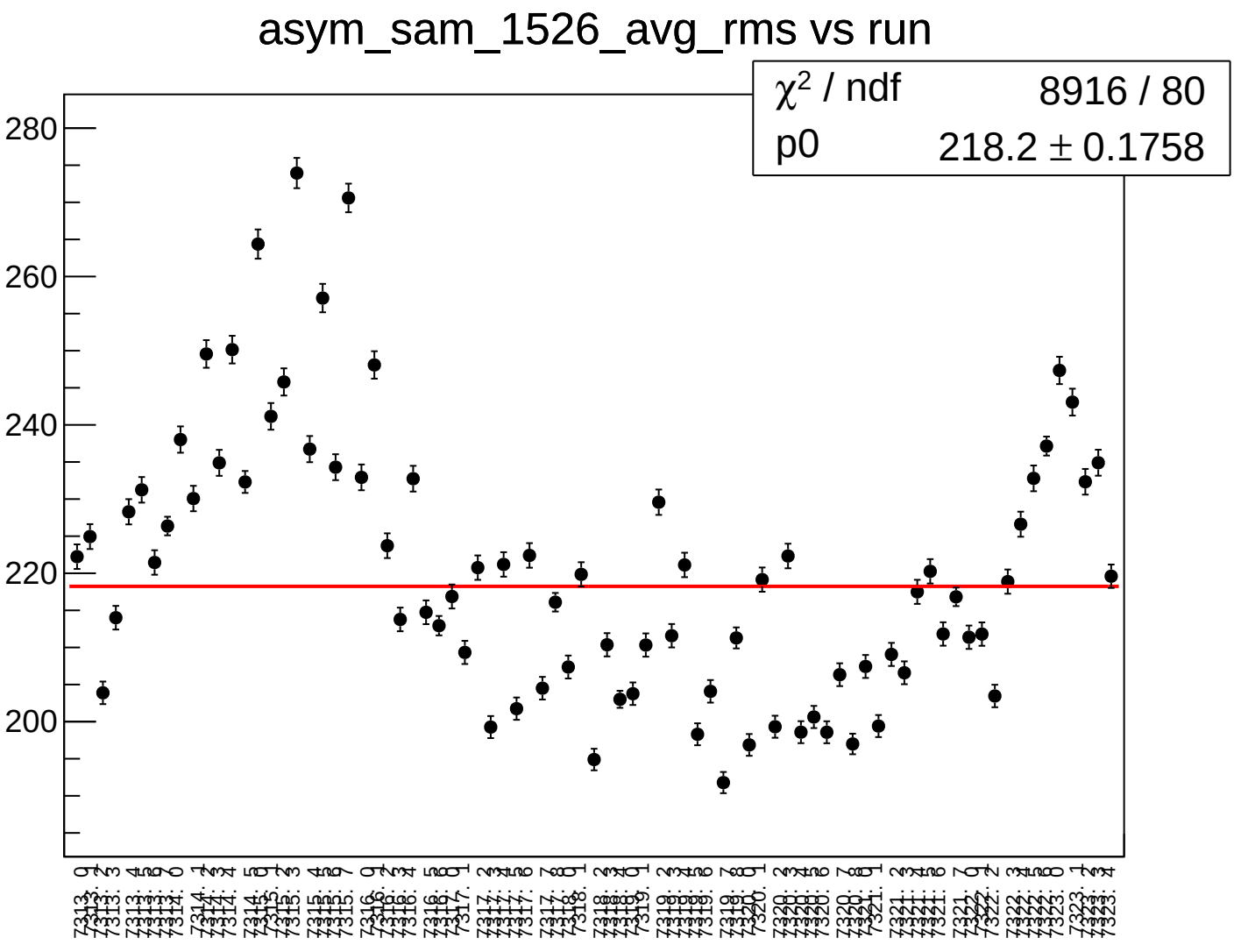

asym_sam_1526_avg_correction_mean vs run
χ² / ndf 66.73 / 80
p0 −37.52 ± 218
pull
Entries 81
Mean 7.934
Std Dev 49.89

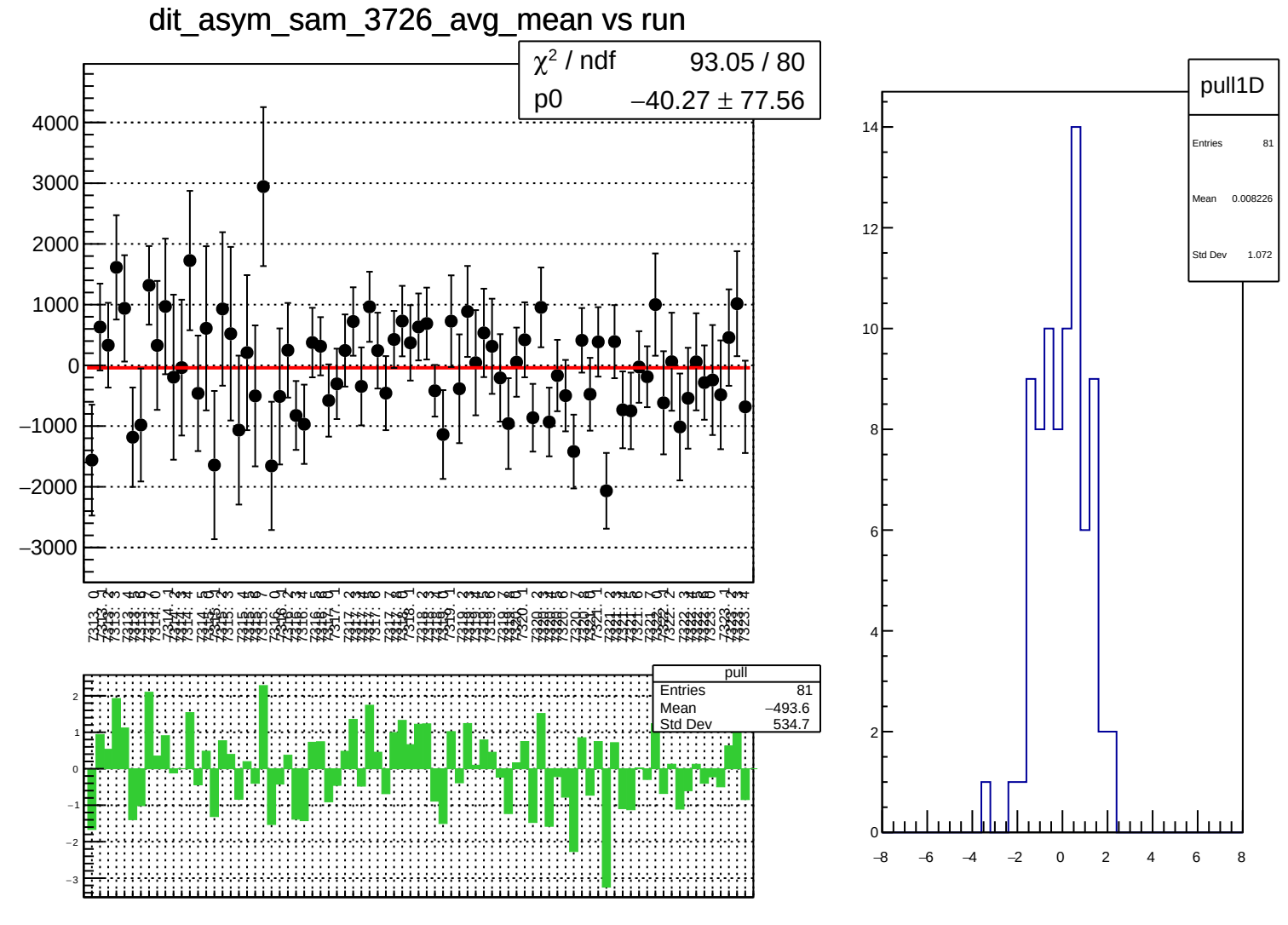

pull1D
Entries 81
Mean 0.01273
Std Dev 0.9075

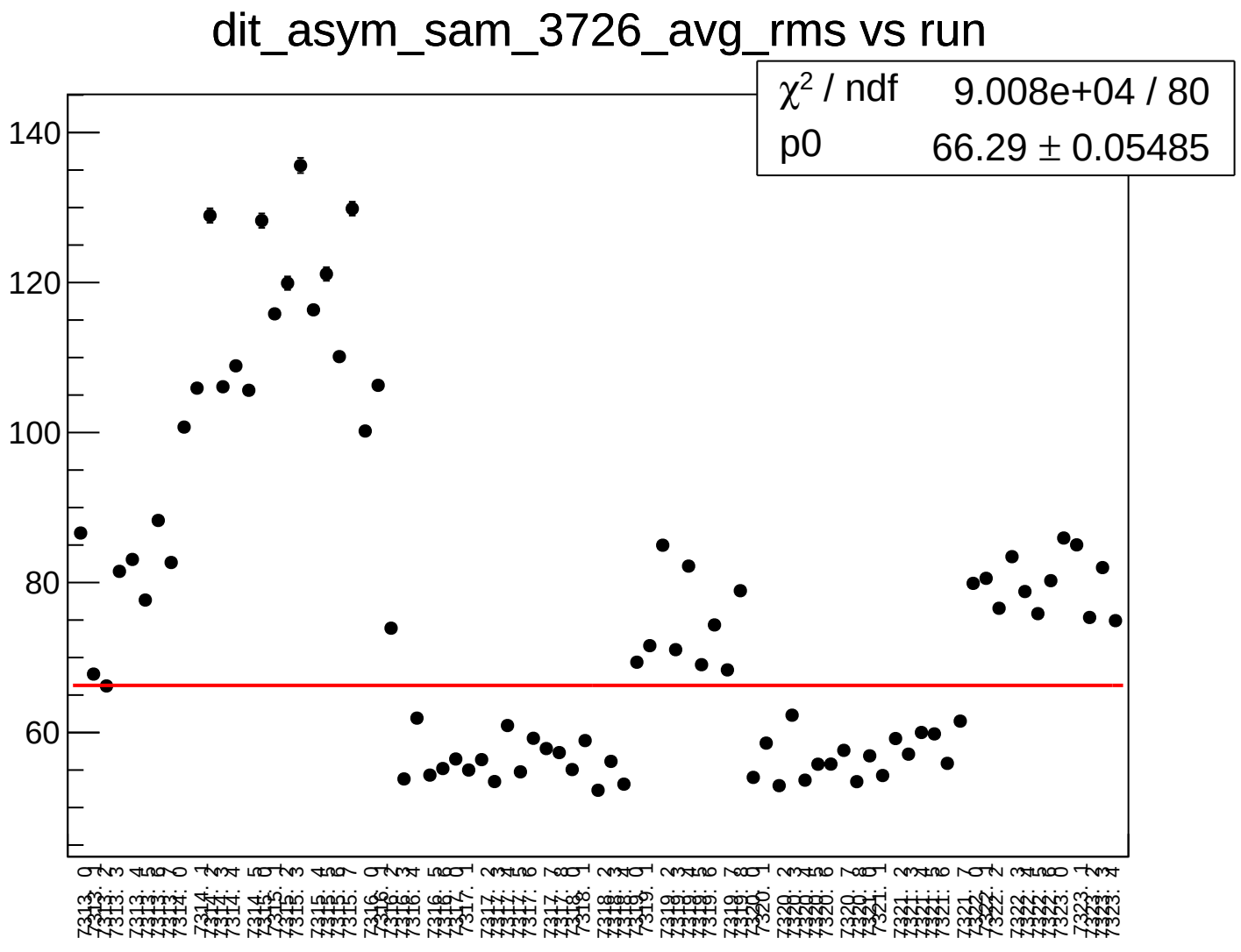

asym_sam_1526_avg_correction_rms vs run
χ² / ndf 7476 / 80
p0 191.5 ± 0.1541
230
220
210
200
190
180
170
160

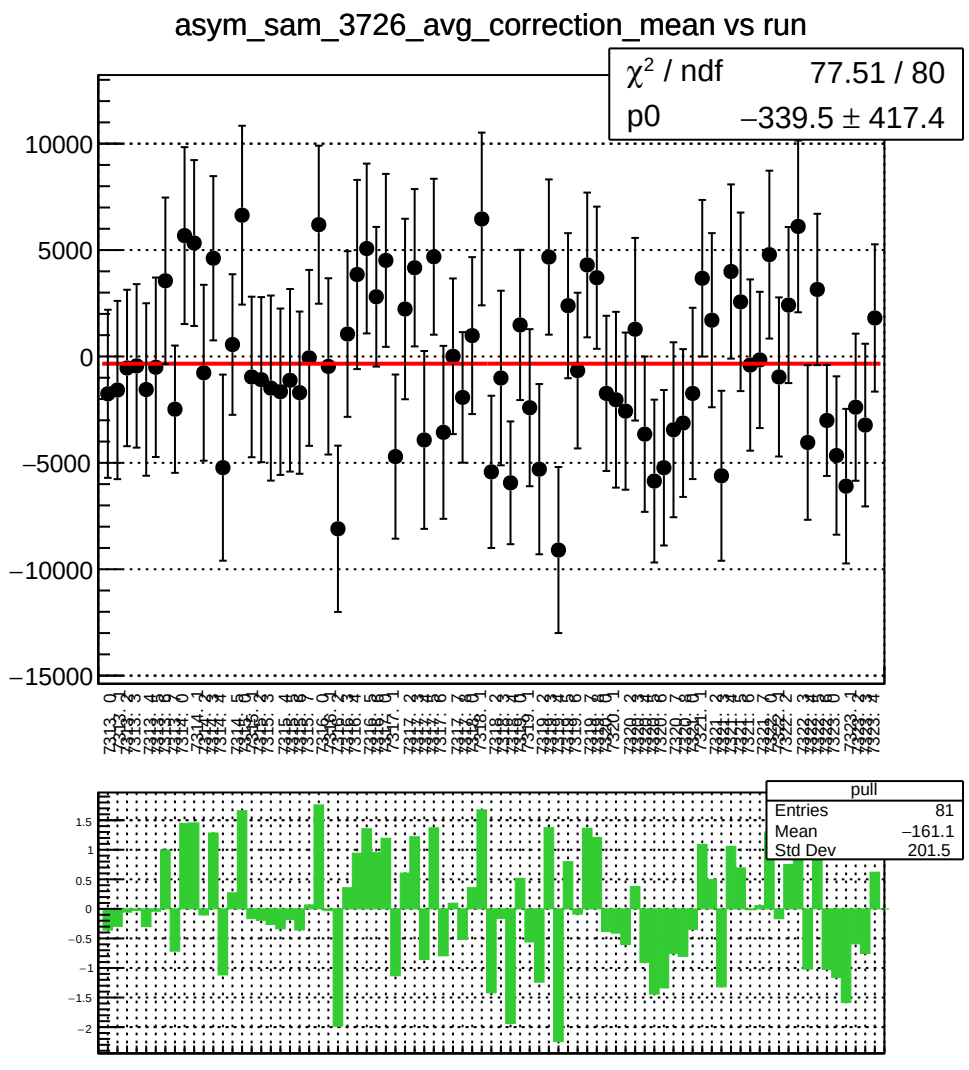

asym_sam_1526_avg_mean vs run
χ² / ndf 62.96 / 80
p0 66.29 ± 248.6
pull
Entries 81
Mean 60.97
Std Dev 41.2

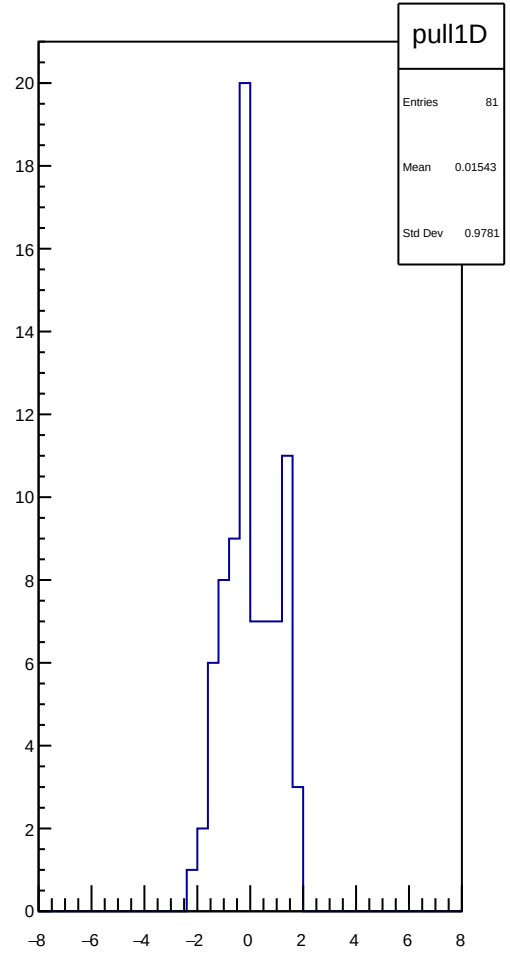

pull1D
Entries 81
Mean −0.01881
Std Dev 0.8814

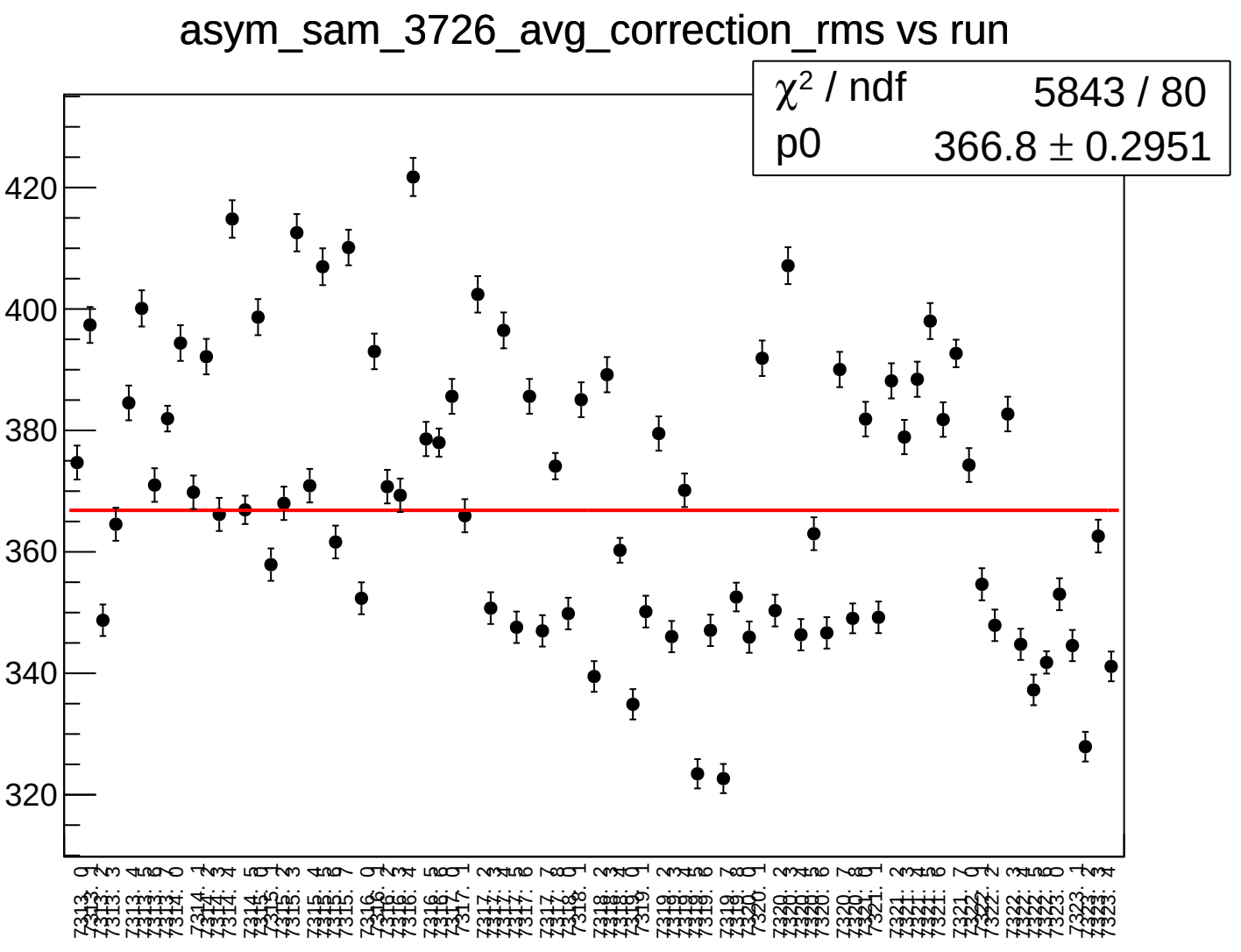

asym_sam_1526_avg_rms vs run
χ^2 / ndf 8916 / 80
p0 218.2 ± 0.1758
280
260
240
220
200

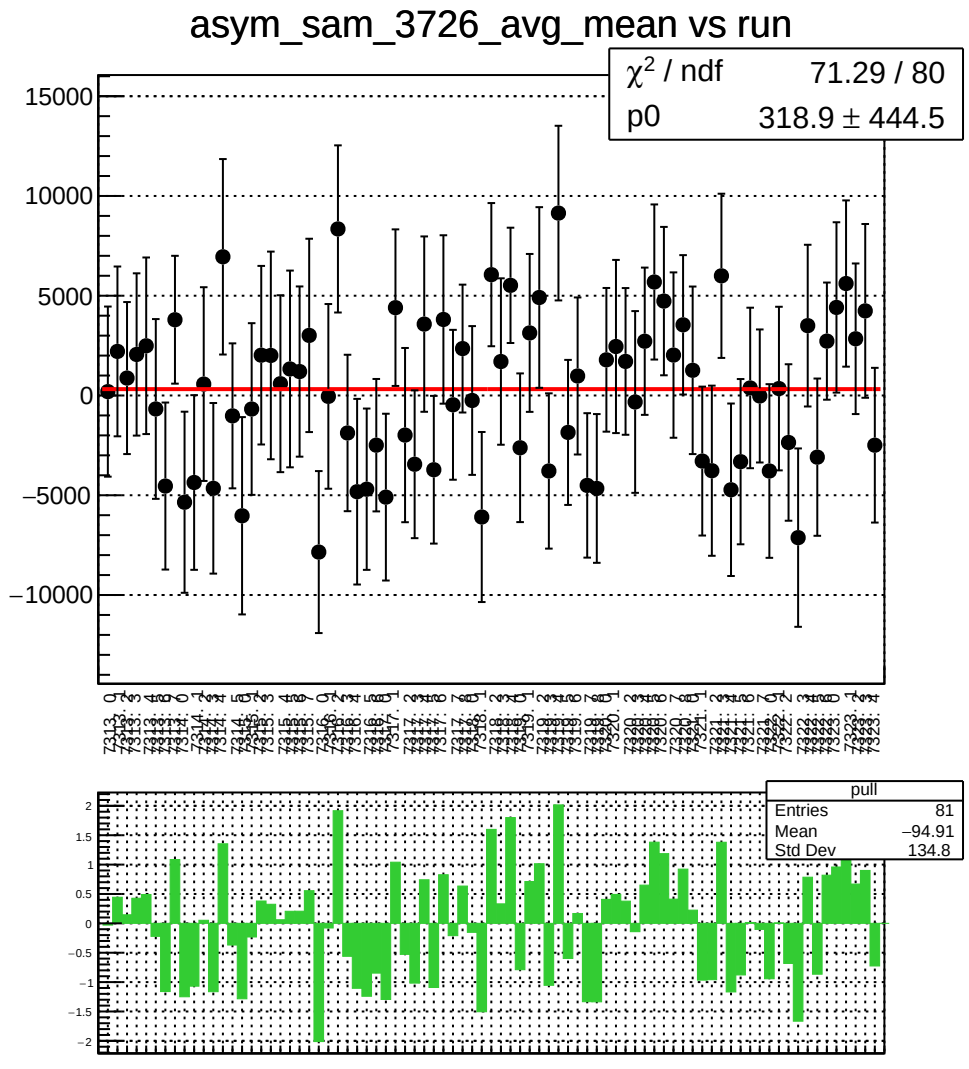

dit_asym_sam_3726_avg_mean vs run
χ² / ndf 93.05 / 80
p0 −40.27 ± 77.56
pull
Entries 81
Mean −493.6
Std Dev 534.7
pull1D
Entries 81
Mean 0.008226
Std Dev 1.072

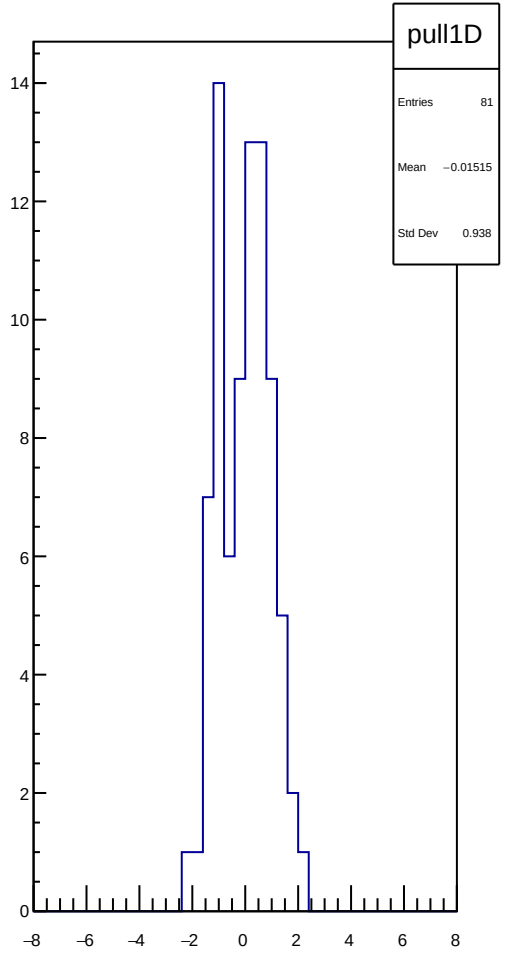

dit_asym_sam_3726_avg_rms vs run
χ^2 / ndf 9.008e+04 / 80
p0 66.29 ± 0.05485
140
120
100
80
60

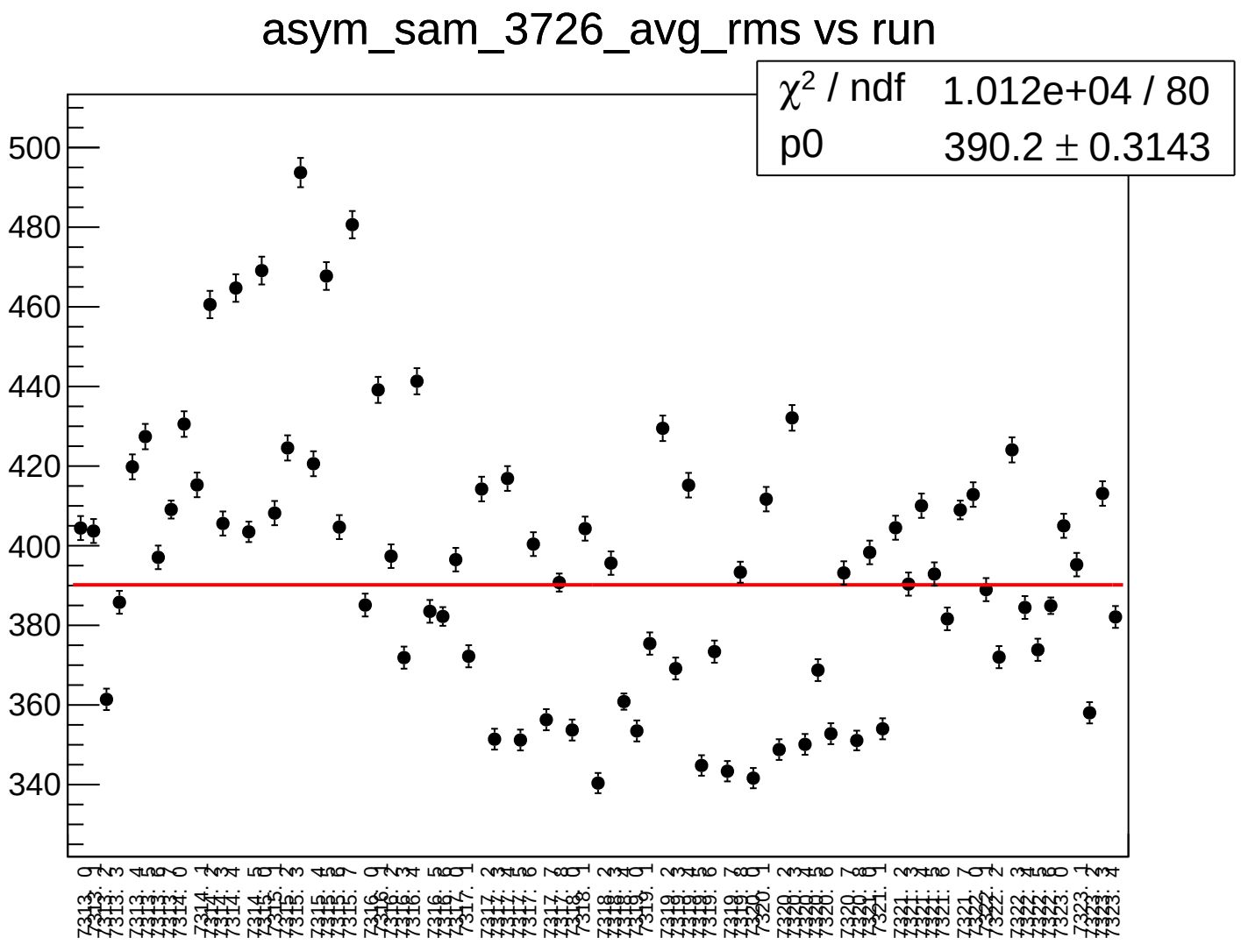

asym_sam_3726_avg_correction_mean vs run
χ² / ndf 77.51 / 80
p0 −339.5 ± 417.4
pull
Entries 81
Mean −161.1
Std Dev 201.5

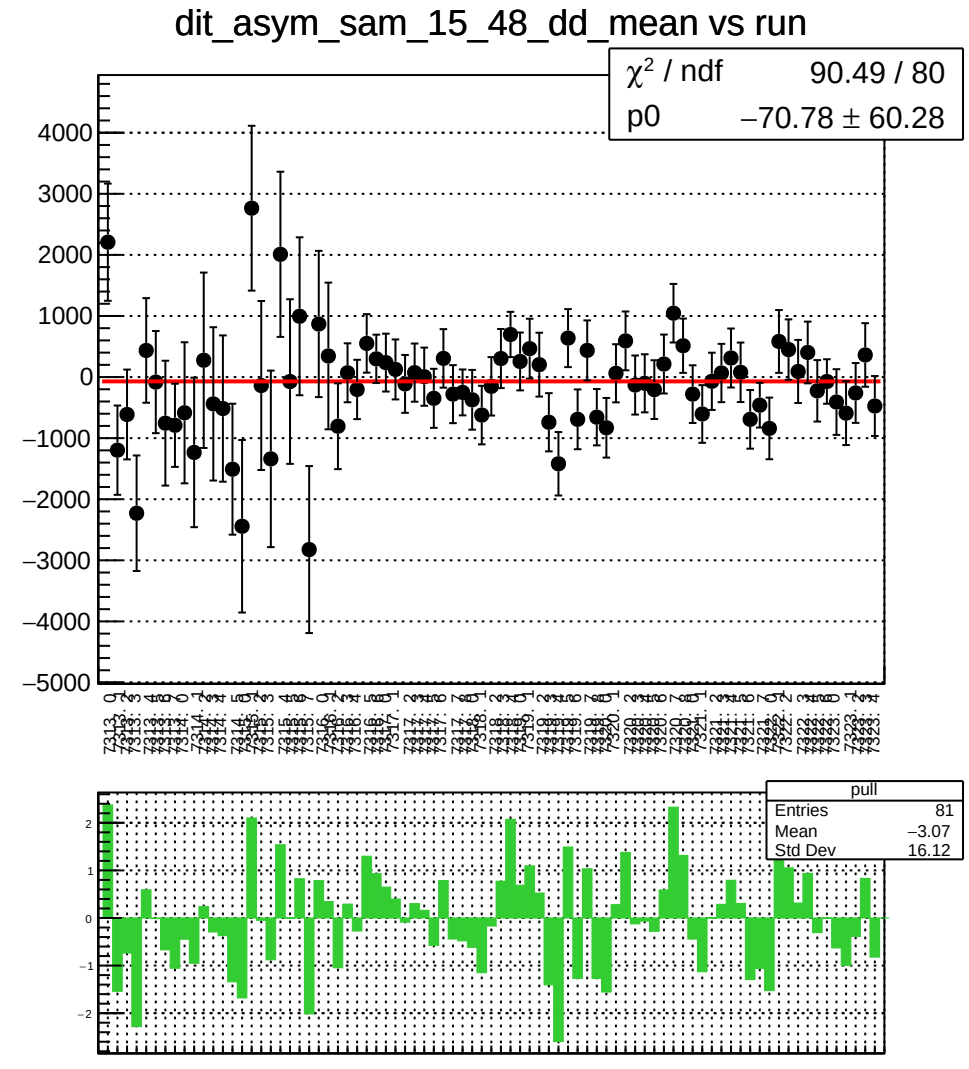

pull1D
Entries 81
Mean 0.01543
Std Dev 0.9781

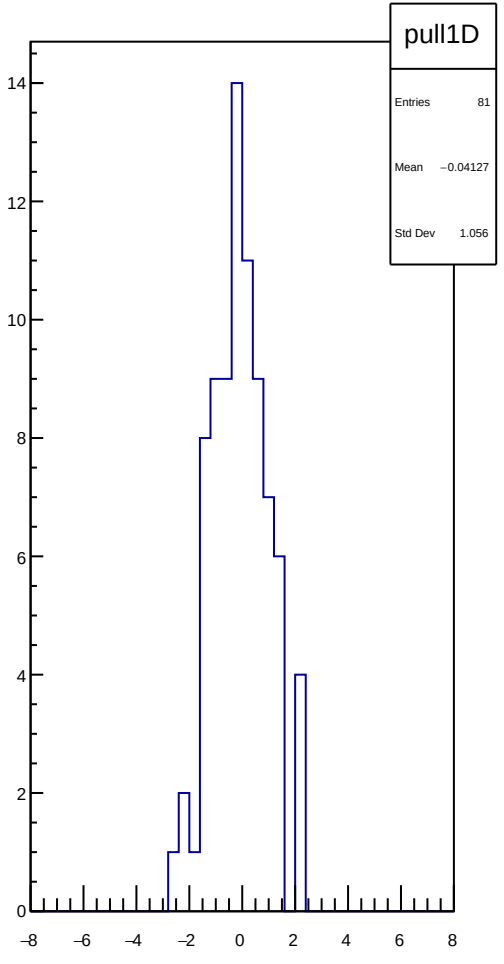

asym_sam_3726_avg_correction_rms vs run
χ² / ndf 5843 / 80
p0 366.8 ± 0.2951
420
400
380
360
340
320

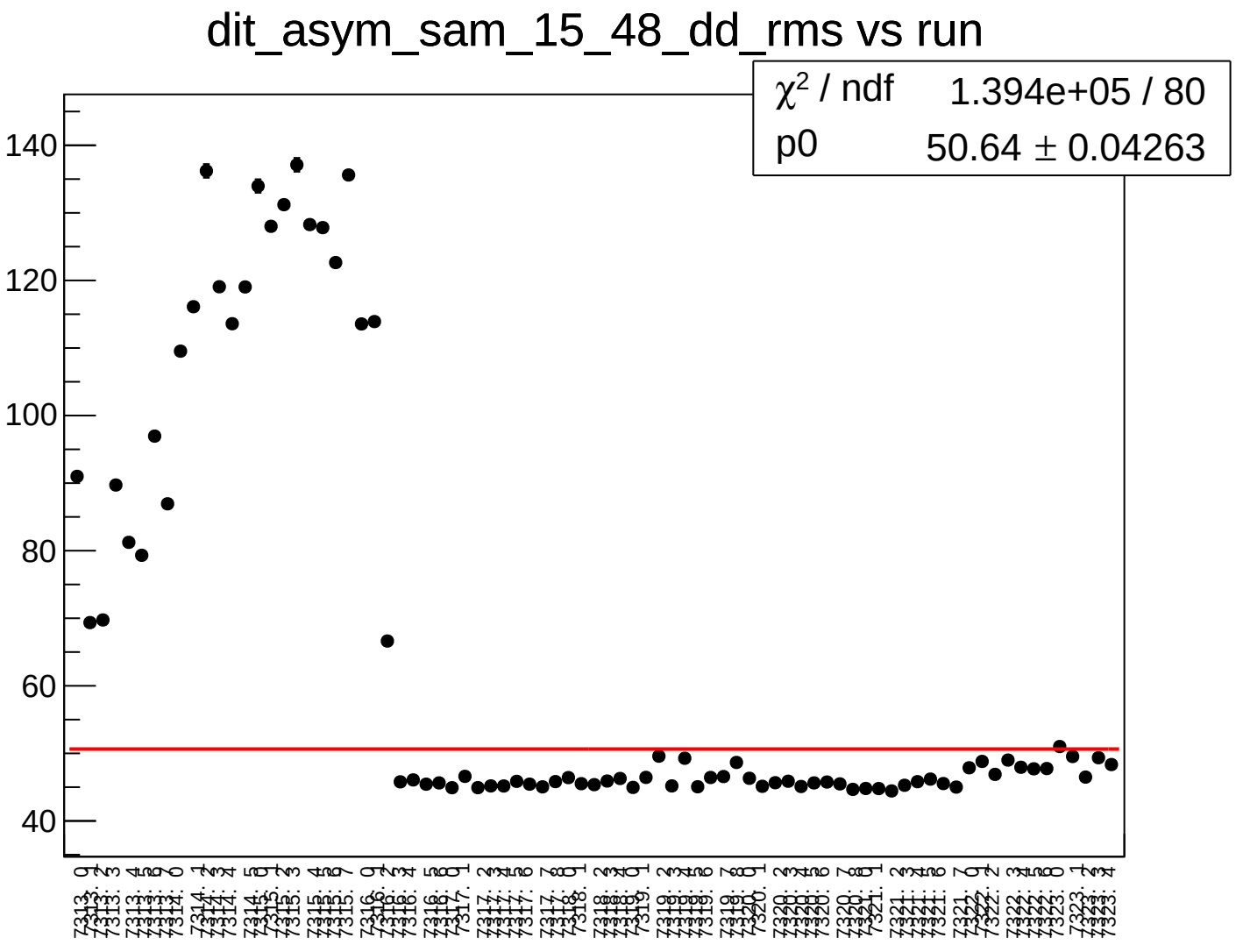

asym_sam_3726_avg_mean vs run
χ² / ndf 71.29 / 80
p0 318.9 ± 444.5
15000
10000
5000
0
−5000
−10000
pull
Entries 81
Mean −94.91
Std Dev 134.8
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

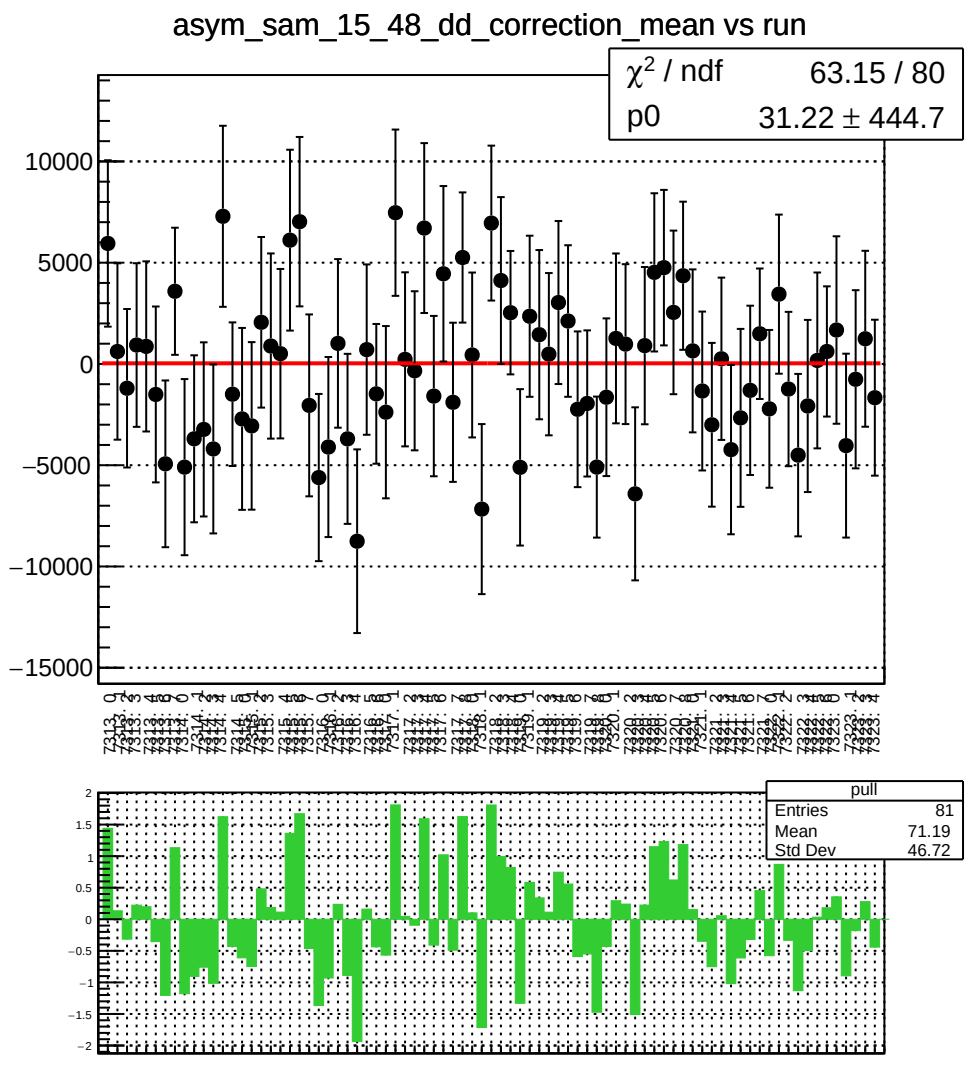

pull1D
Entries 81
Mean −0.01515
Std Dev 0.938
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

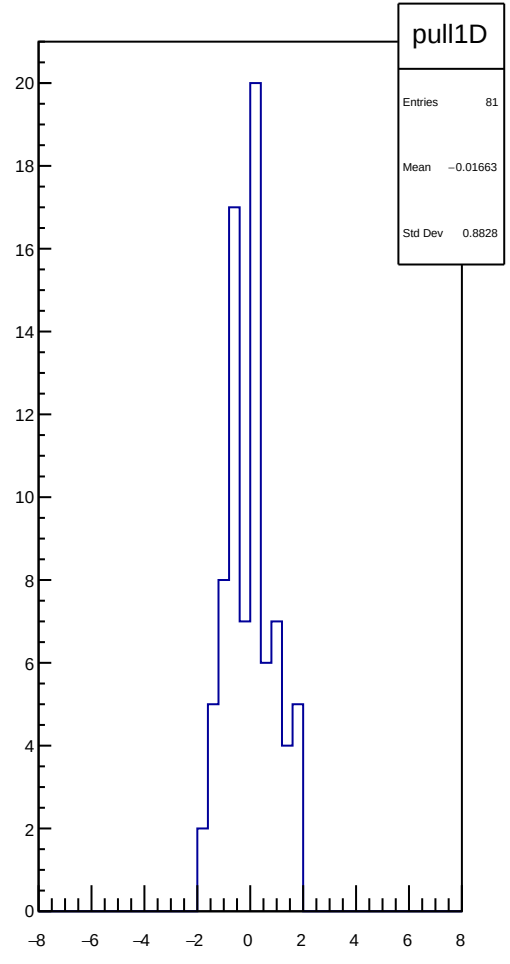

asym_sam_3726_avg_rms vs run
χ² / ndf 1.012e+04 / 80
p0 390.2 ± 0.3143
500
480
460
440
420
400
380
360
340

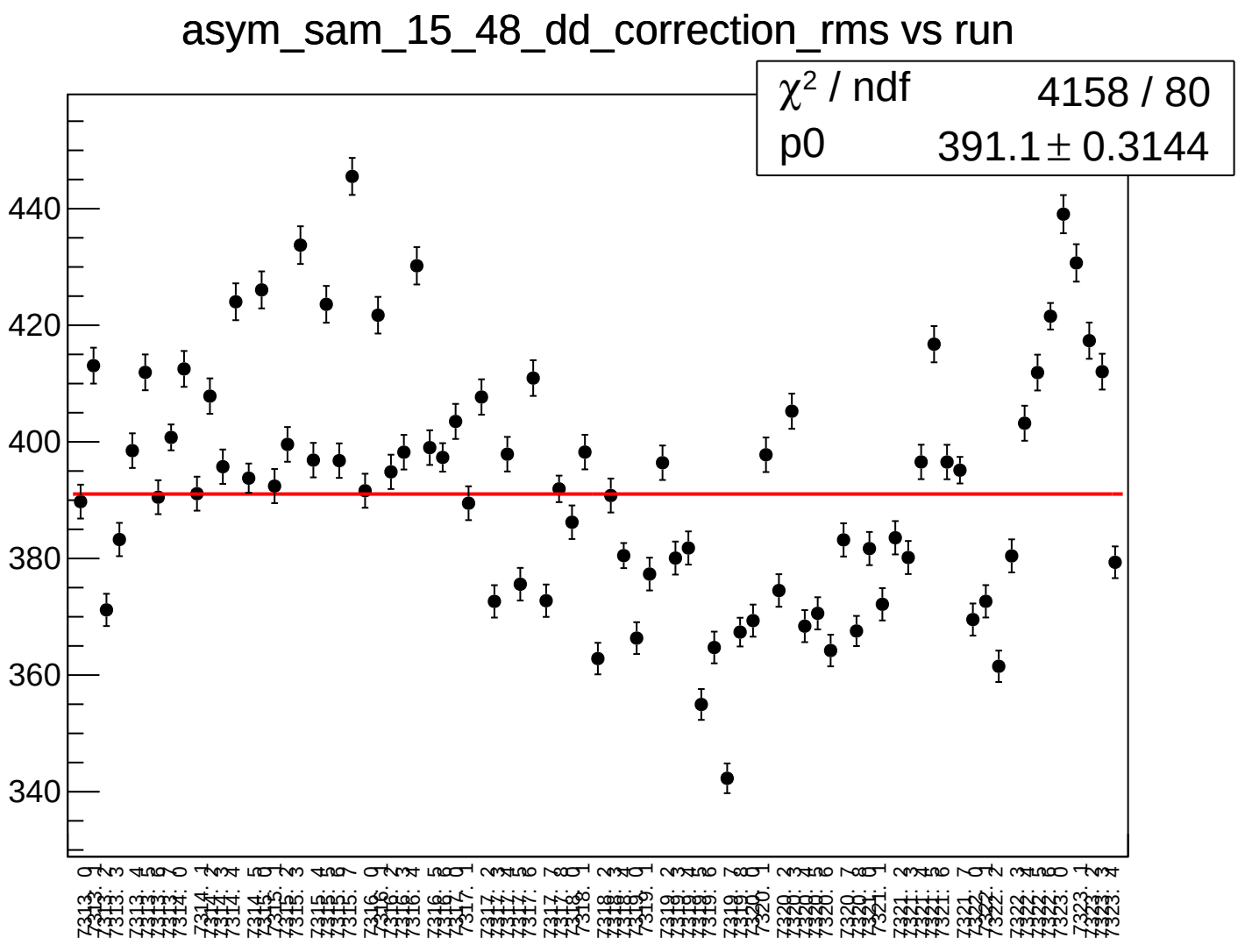

dit_asym_sam_15_48_dd_mean vs run
χ² / ndf 90.49 / 80
p0 −70.78 ± 60.28
pull
Entries 81
Mean −3.07
Std Dev 16.12

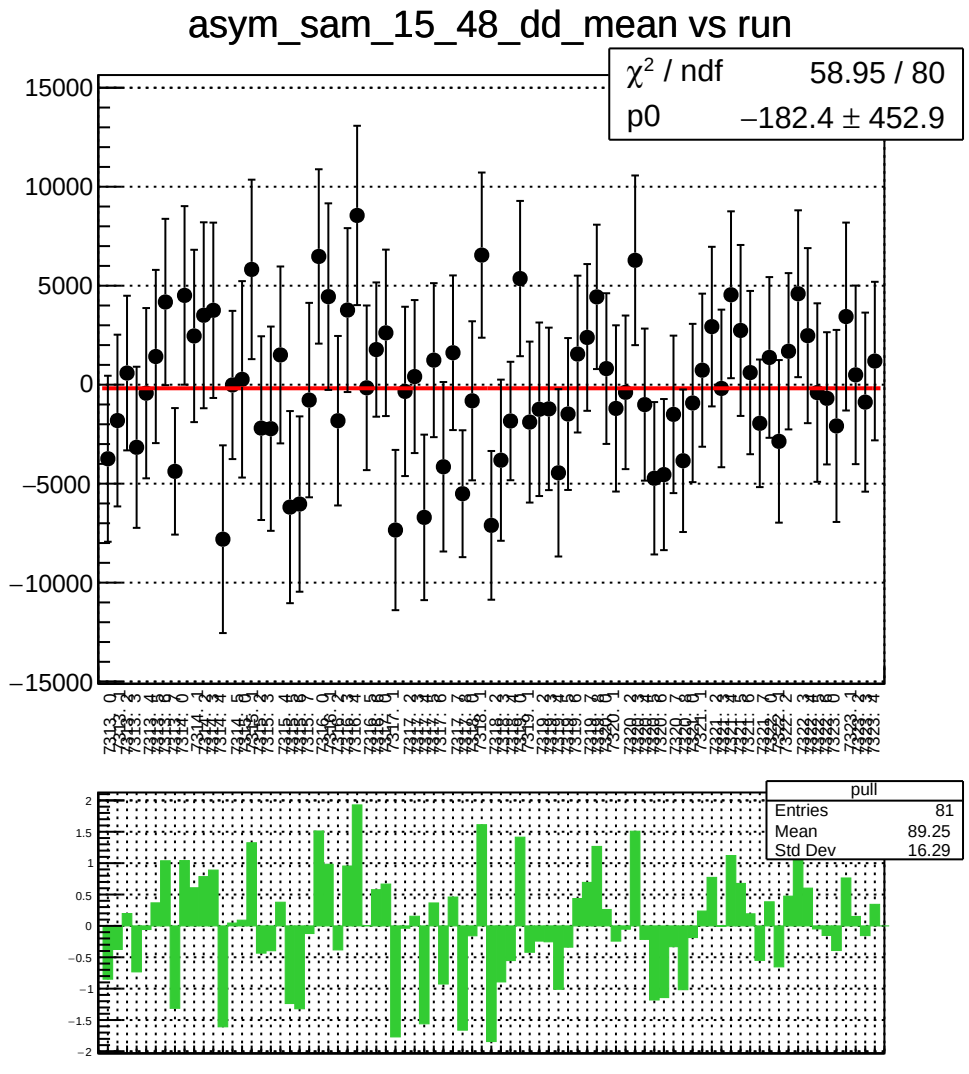

pull1D
Entries 81
Mean −0.04127
Std Dev 1.056

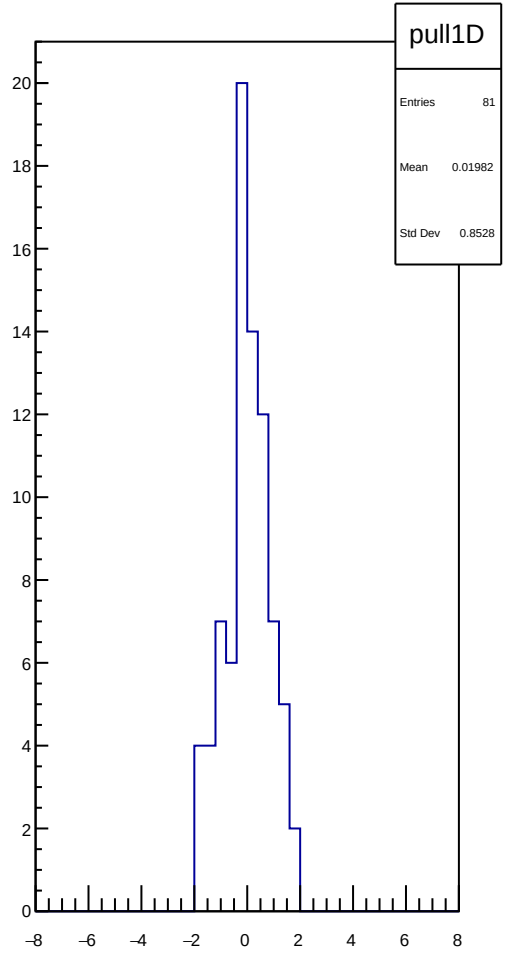

dit_asym_sam_15_48_dd_rms vs run
χ^2 / ndf 1.394e+05 / 80
p0 50.64 ± 0.04263
140
120
100
80
60
40

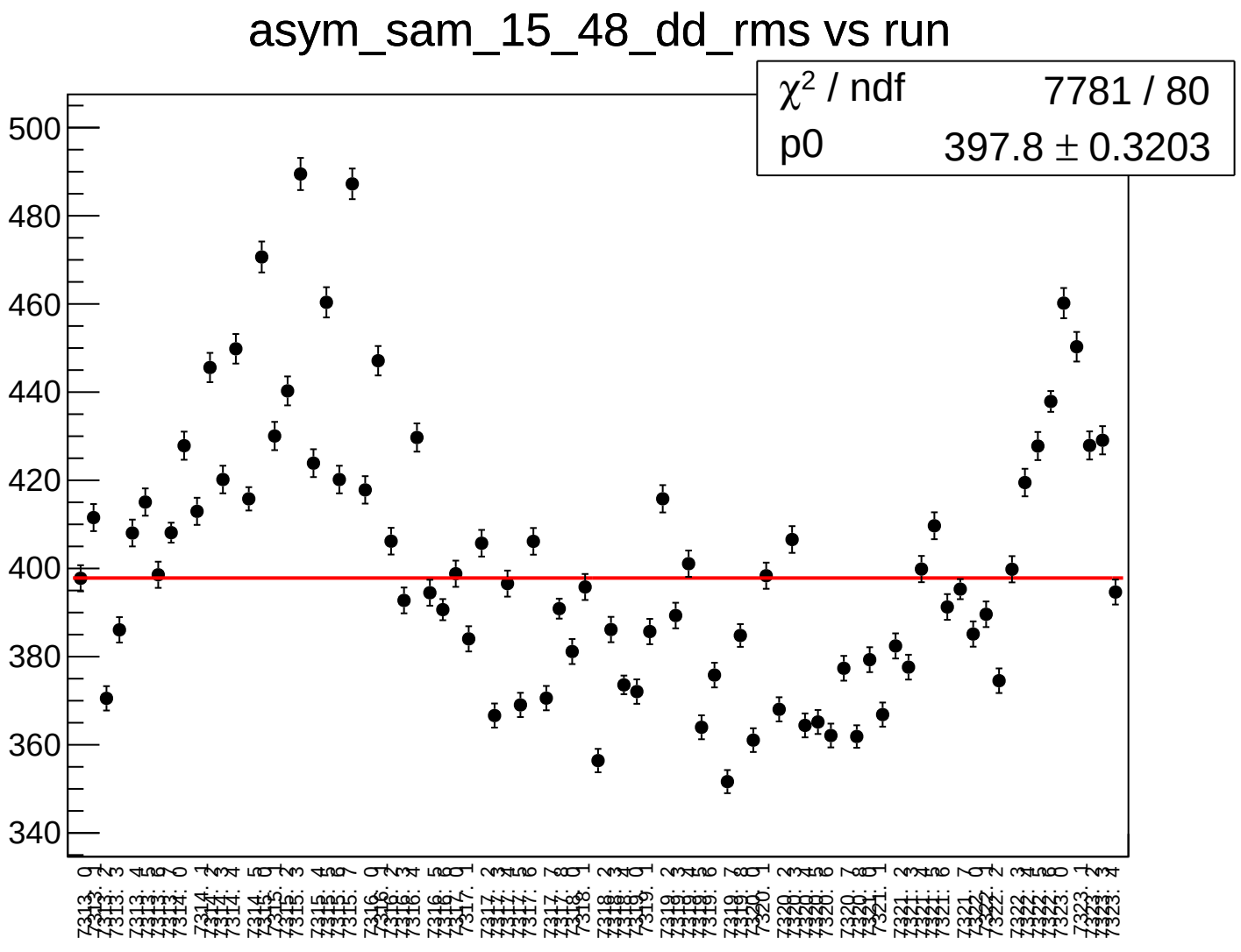

asym_sam_15_48_dd_correction_mean vs run
χ² / ndf 63.15 / 80
p0 31.22 ± 444.7
pull
Entries 81
Mean 71.19
Std Dev 46.72

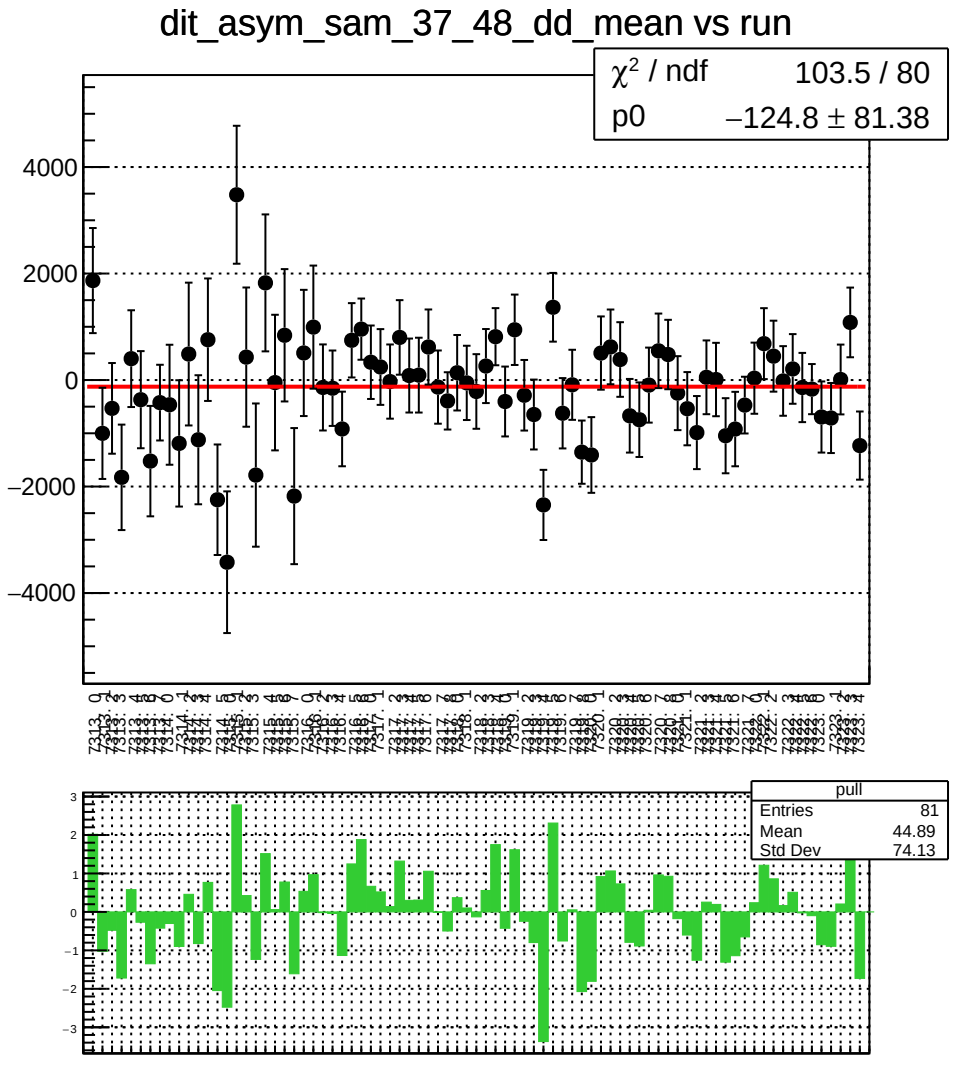

pull1D
Entries 81
Mean −0.01663
Std Dev 0.8828

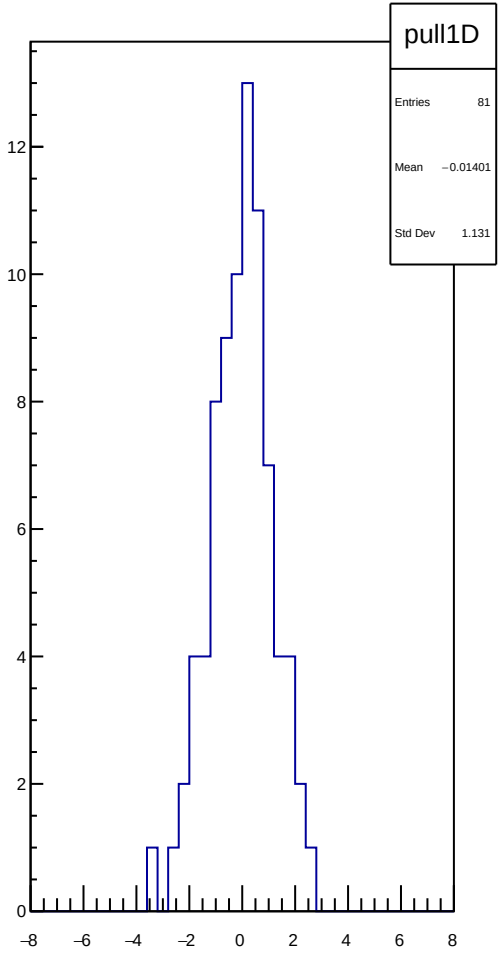

asym_sam_15_48_dd_correction_rms vs run
χ² / ndf 4158 / 80
p0 391.1 ± 0.3144
440
420
400
380
360
340

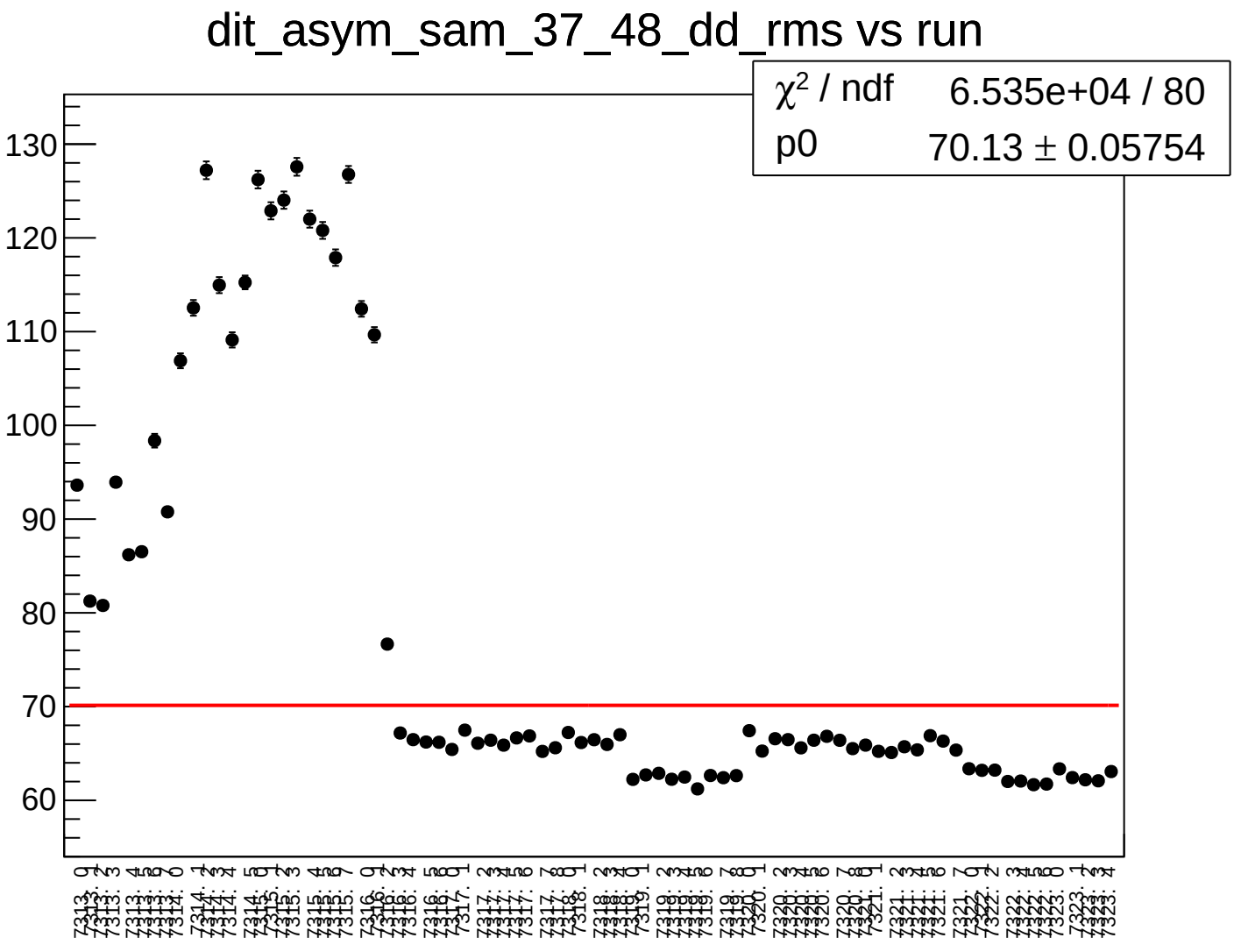

asym_sam_15_48_dd_mean vs run
χ² / ndf 58.95 / 80
p0 −182.4 ± 452.9
pull
Entries 81
Mean 89.25
Std Dev 16.29

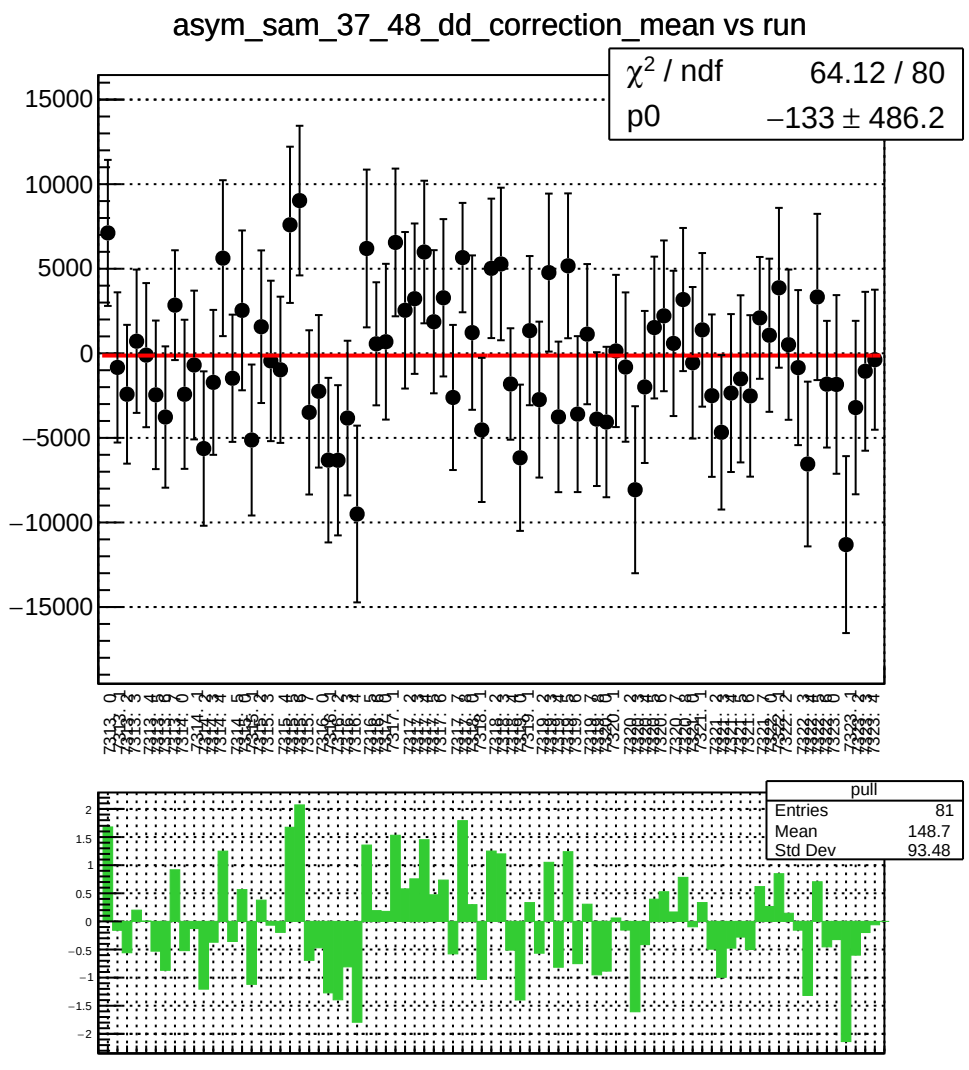

pull1D
Entries 81
Mean 0.01982
Std Dev 0.8528

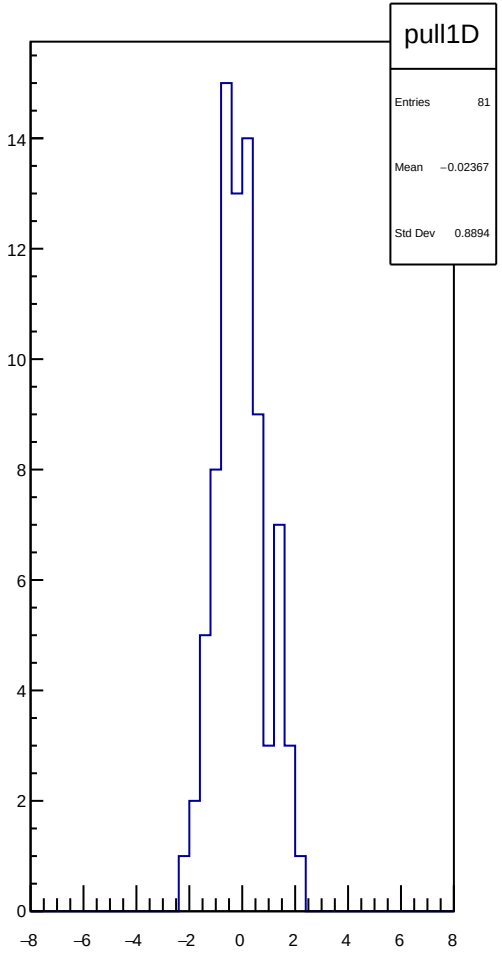

asym_sam_15_48_dd_rms vs run
χ² / ndf 7781 / 80
p0 397.8 ± 0.3203
500
480
460
440
420
400
380
360
340

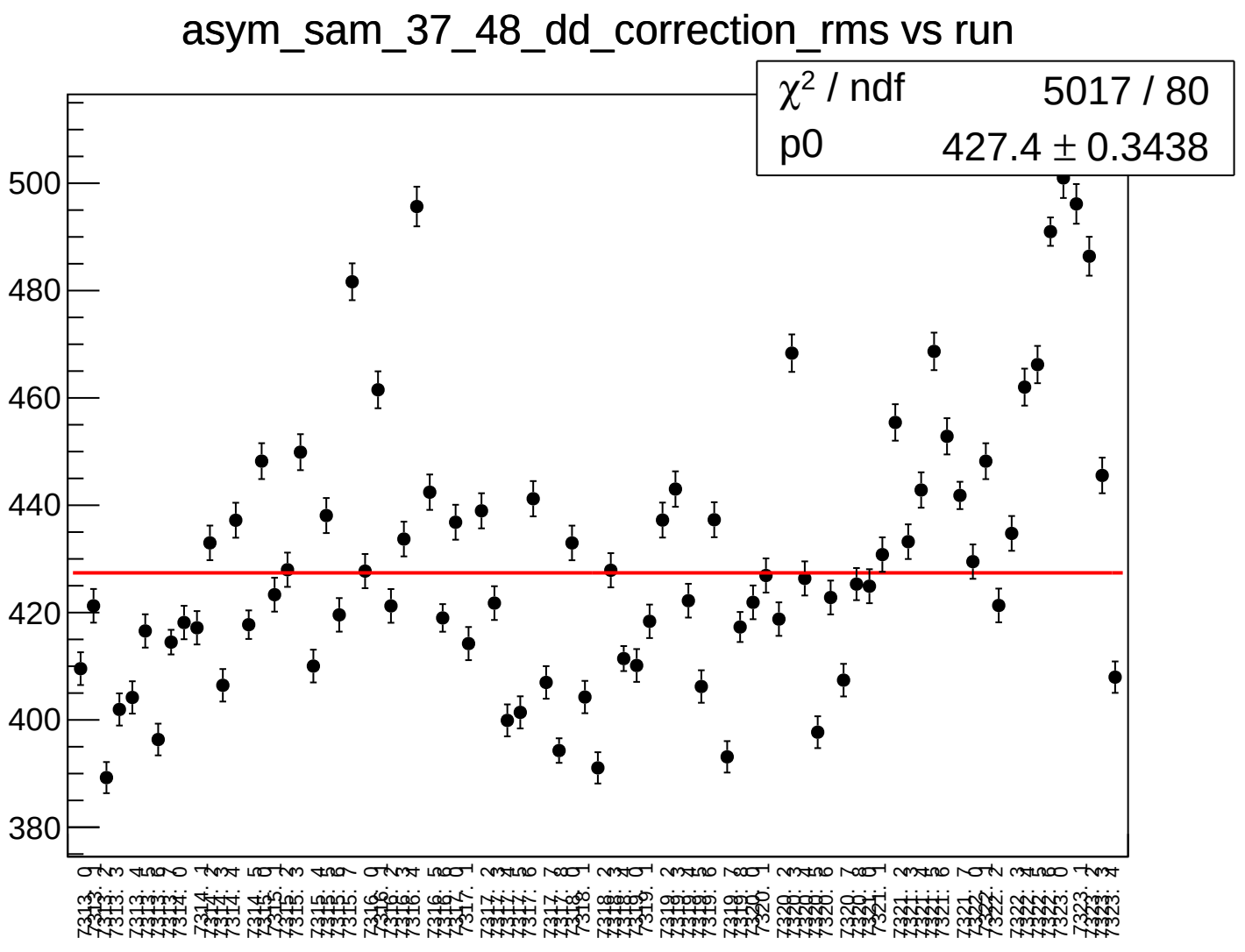

dit_asym_sam_37_48_dd_mean vs run
χ² / ndf 103.5 / 80
p0 −124.8 ± 81.38
4000
2000
0
−2000
−4000
pull
Entries 81
Mean 44.89
Std Dev 74.13
3
2
1
0
−1
−2
−3

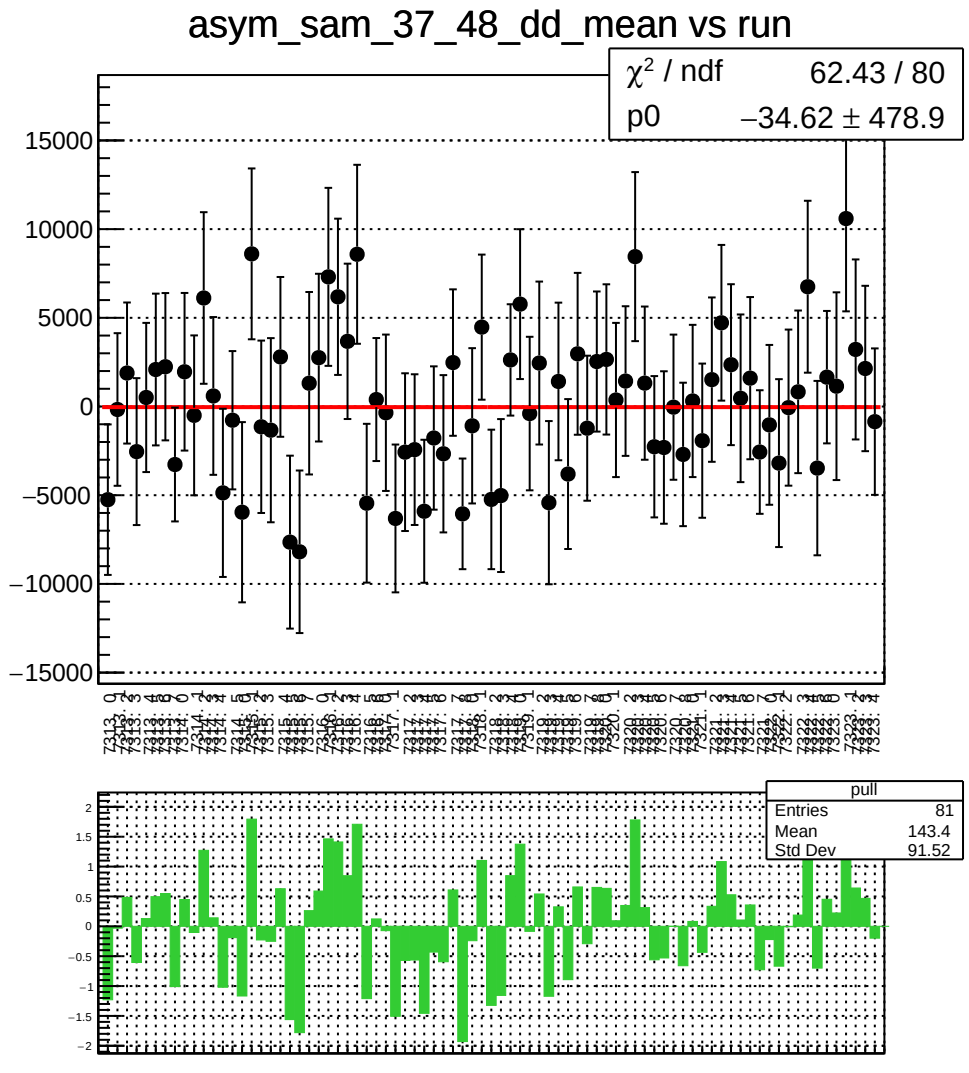

pull1D
Entries 81
Mean −0.01401
Std Dev 1.131
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

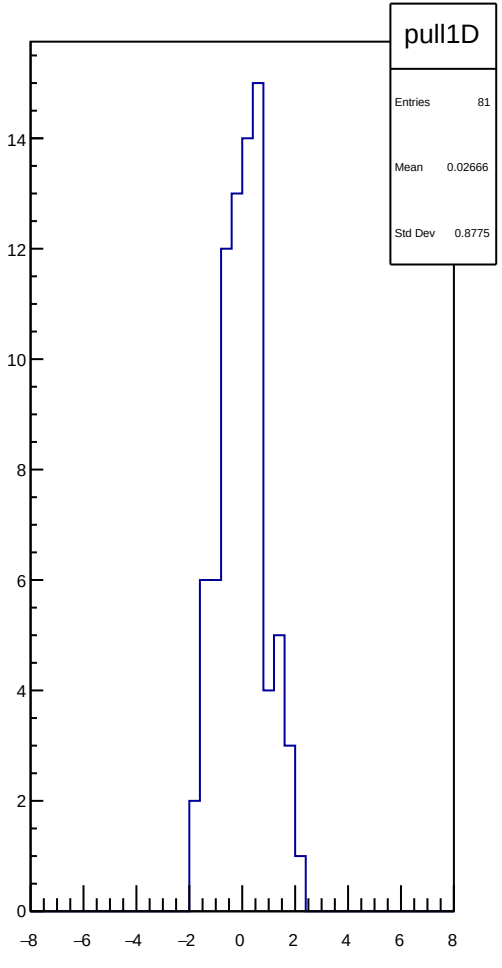

dit_asym_sam_37_48_dd_rms vs run
χ² / ndf 6.535e+04 / 80
p0 70.13 ± 0.05754
130
120
110
100
90
80
70
60

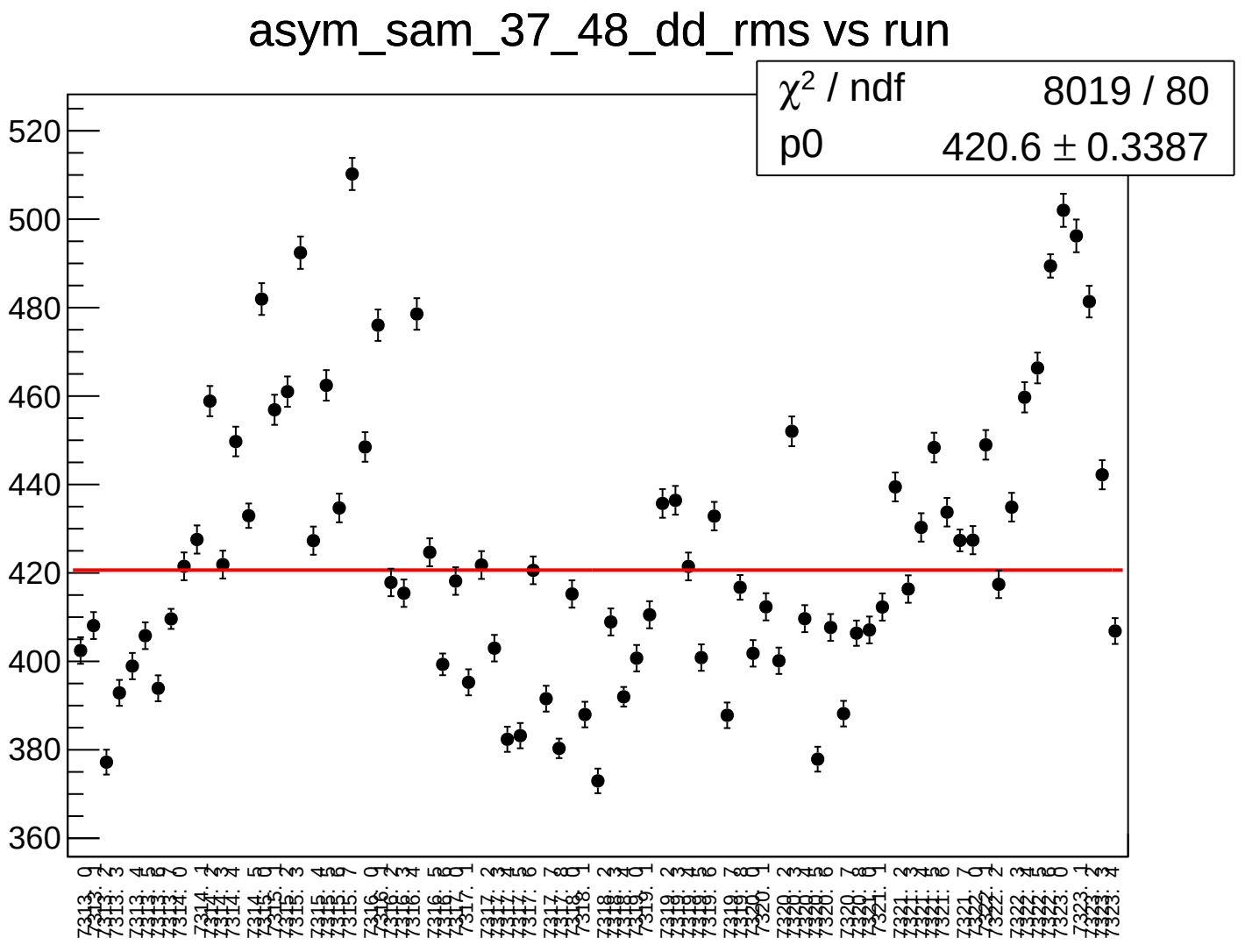

asym_sam_37_48_dd_correction_mean vs run
χ² / ndf 64.12 / 80
p0 −133 ± 486.2
pull
Entries 81
Mean 148.7
Std Dev 93.48

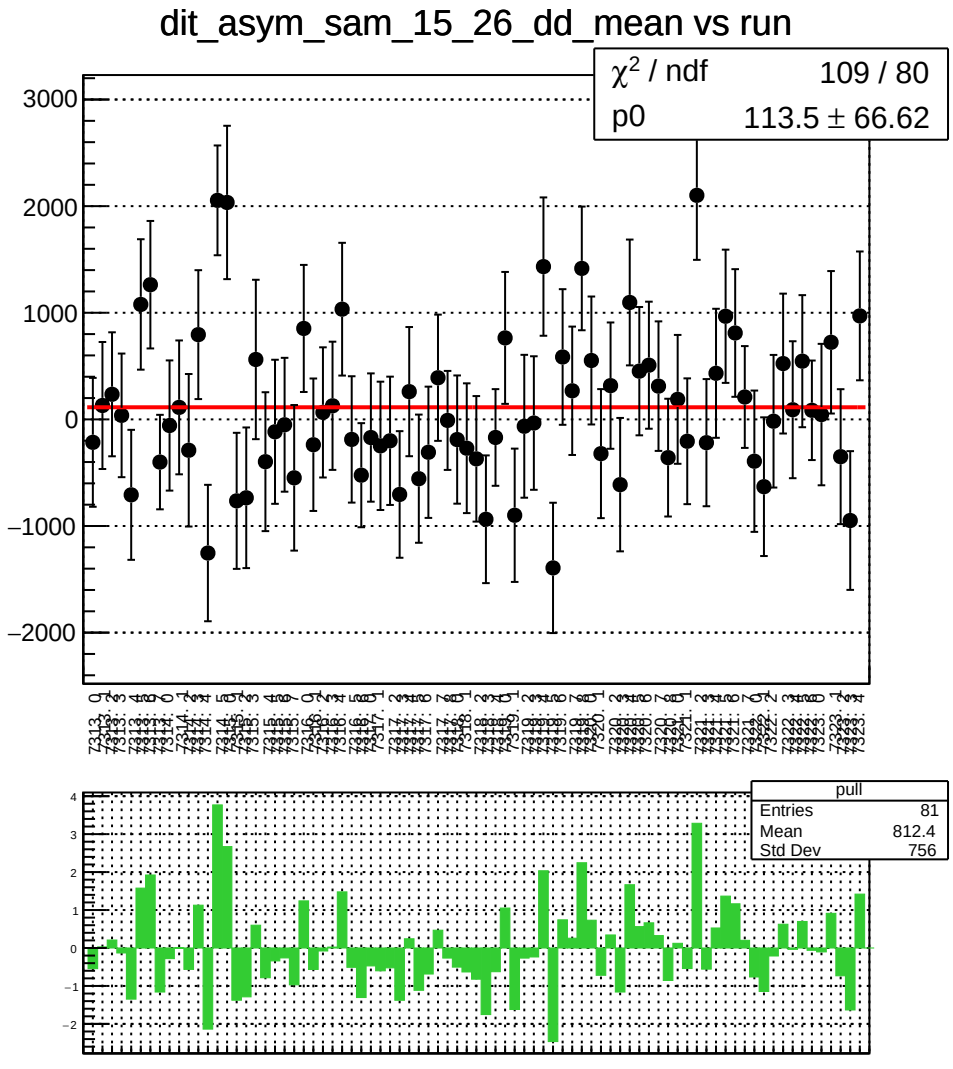

pull1D
Entries 81
Mean −0.02367
Std Dev 0.8894

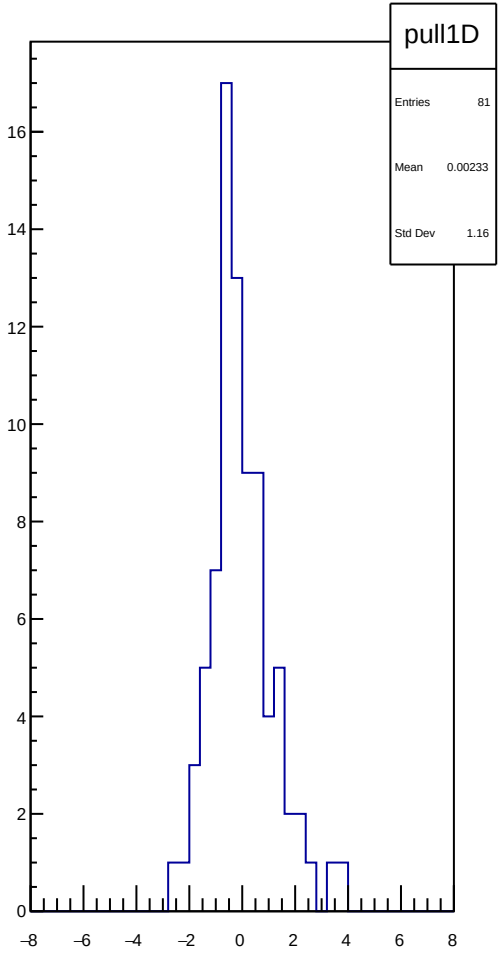

asym_sam_37_48_dd_correction_rms vs run
χ² / ndf 5017 / 80
p0 427.4 ± 0.3438
500
480
460
440
420
400
380

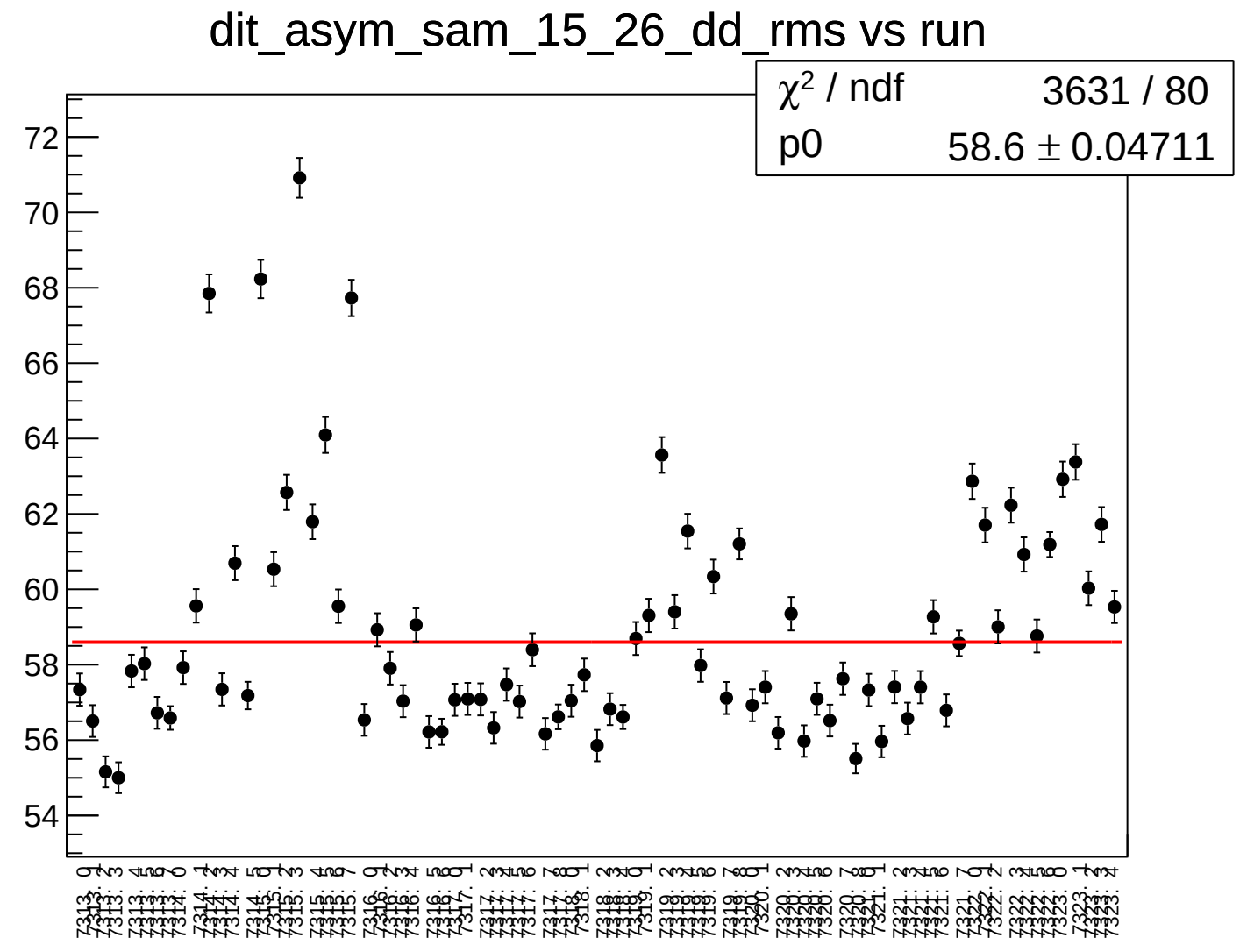

asym_sam_37_48_dd_mean vs run
χ² / ndf 62.43 / 80
p0 −34.62 ± 478.9
pull
Entries 81
Mean 143.4
Std Dev 91.52

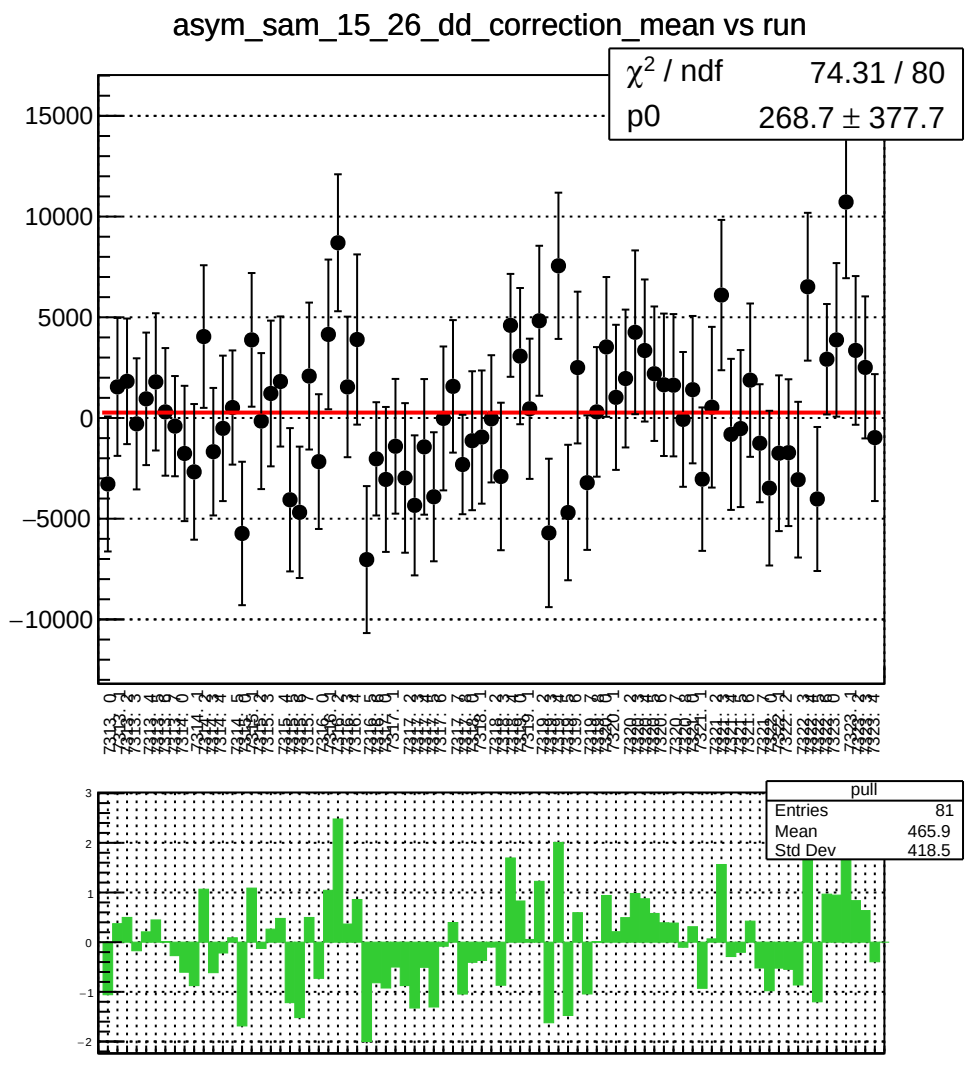

pull1D
Entries 81
Mean 0.02666
Std Dev 0.8775

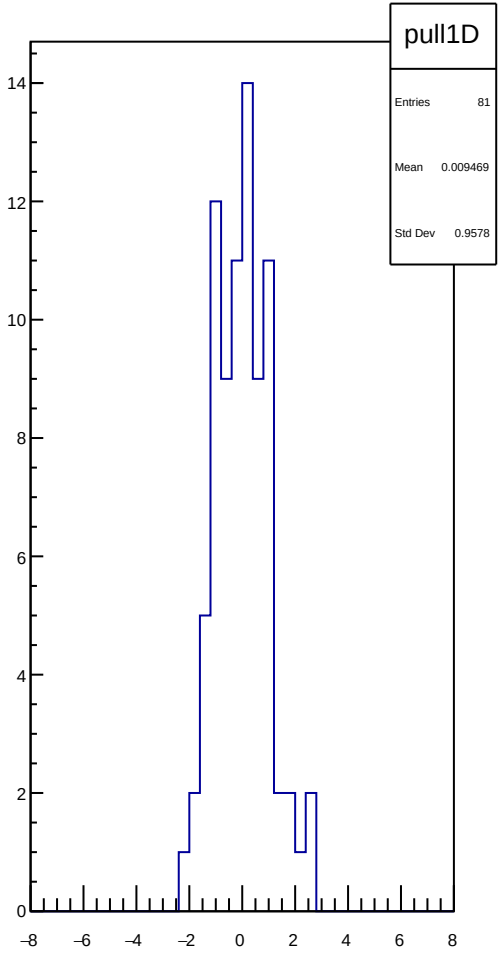

asym_sam_37_48_dd_rms vs run
χ² / ndf 8019 / 80
p0 420.6 ± 0.3387
520
500
480
460
440
420
400
380
360

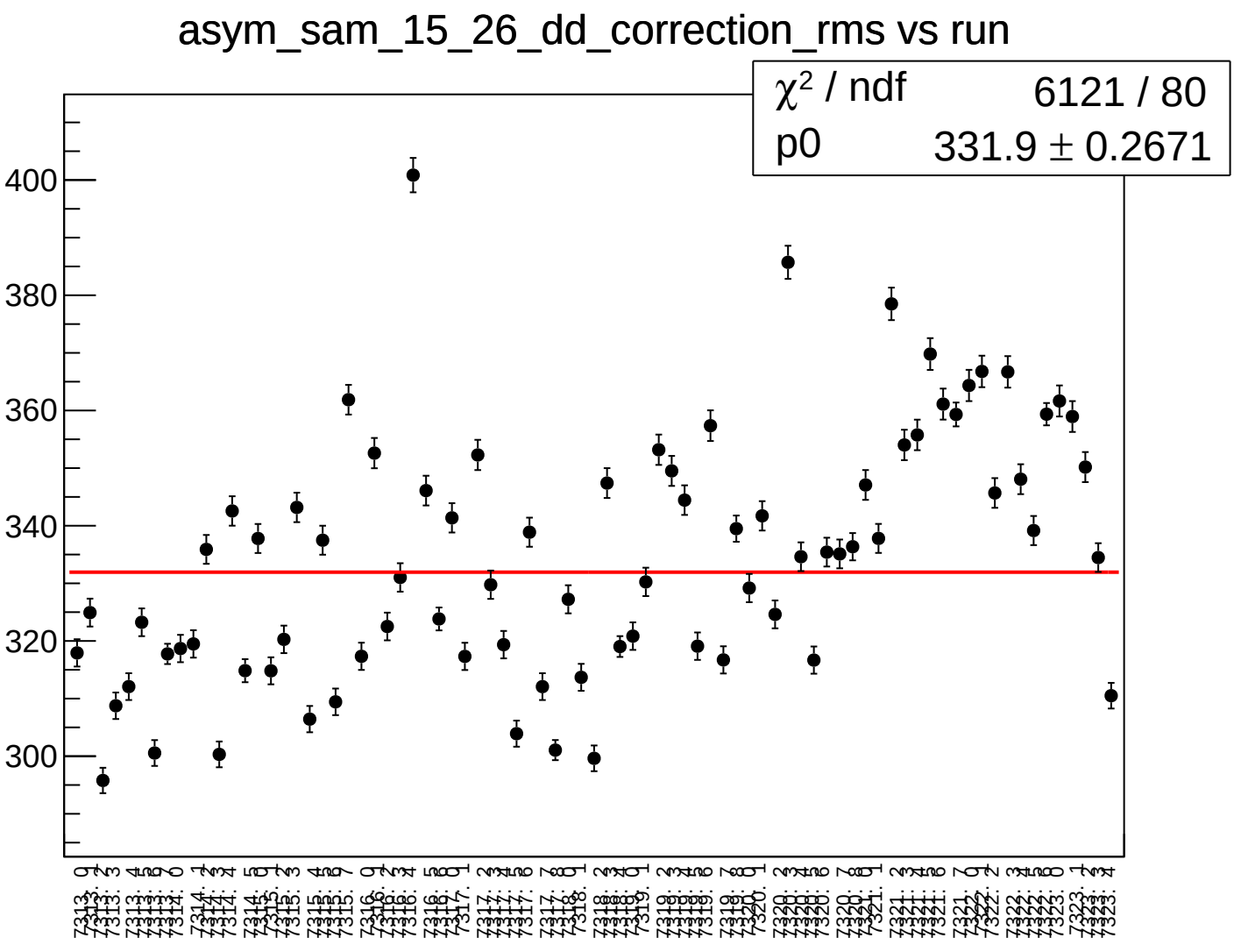

dit_asym_sam_15_26_dd_mean vs run
χ² / ndf 109 / 80
p0 113.5 ± 66.62
pull
Entries 81
Mean 812.4
Std Dev 756

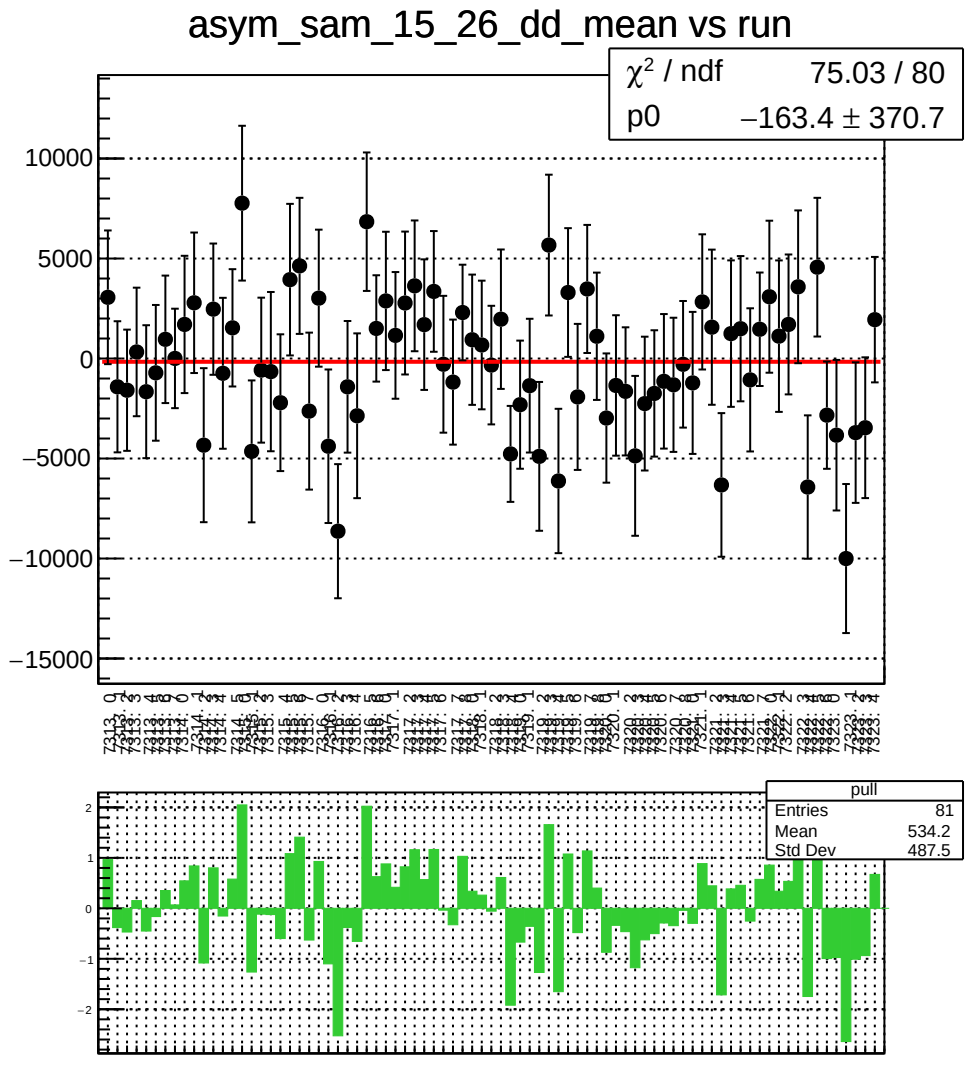

pull1D
Entries 81
Mean 0.00233
Std Dev 1.16

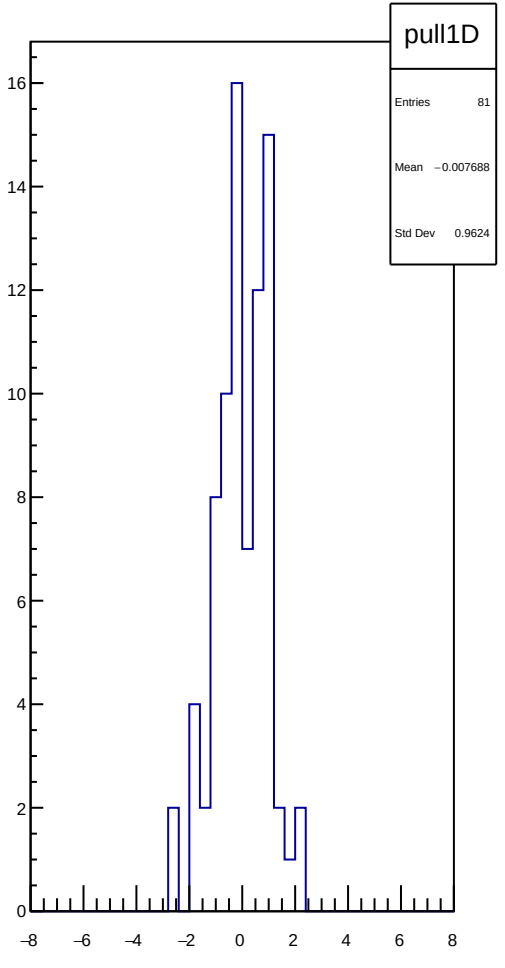

dit_asym_sam_15_26_dd_rms vs run
χ² / ndf 3631 / 80
p0 58.6 ± 0.04711
72
70
68
66
64
62
60
58
56
54

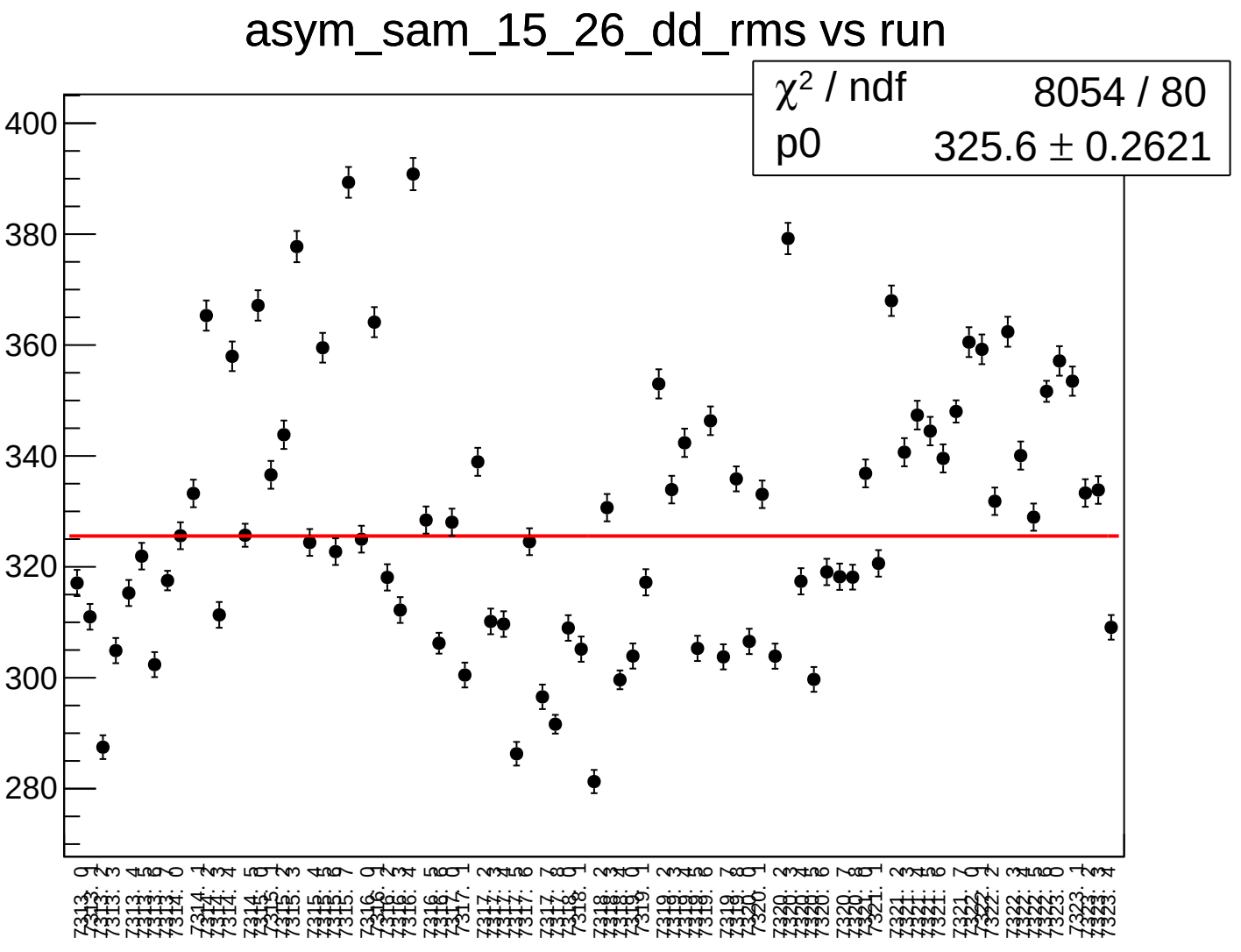

asym_sam_15_26_dd_correction_mean vs run
χ² / ndf 74.31 / 80
p0 268.7 ± 377.7
15000
10000
5000
0
−5000
−10000
pull
Entries 81
Mean 465.9
Std Dev 418.5
3
2
1
0
−1
−2

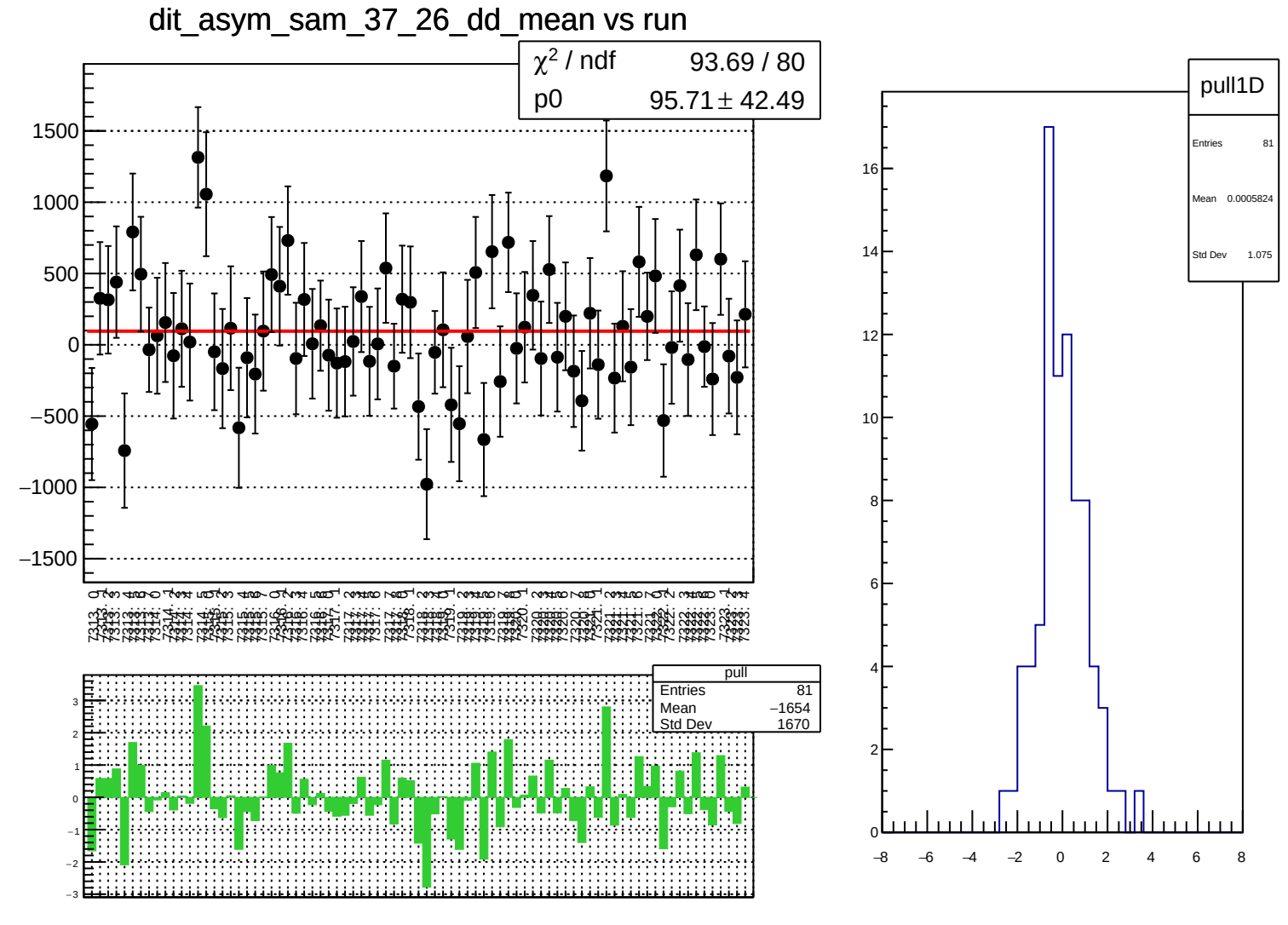

pull1D
Entries 81
Mean 0.009469
Std Dev 0.9578
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

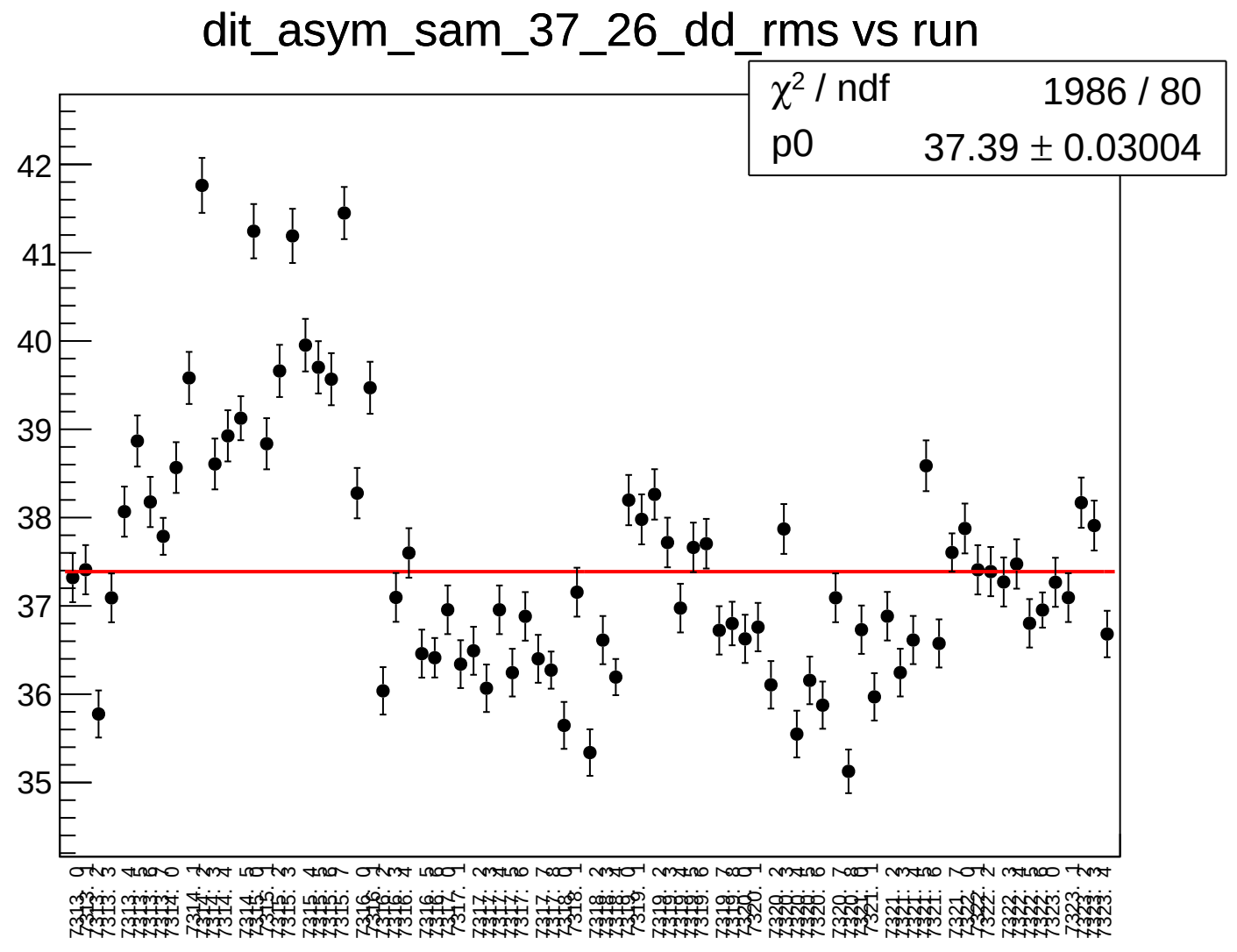

asym_sam_15_26_dd_correction_rms vs run
χ² / ndf 6121 / 80
p0 331.9 ± 0.2671
400
380
360
340
320
300

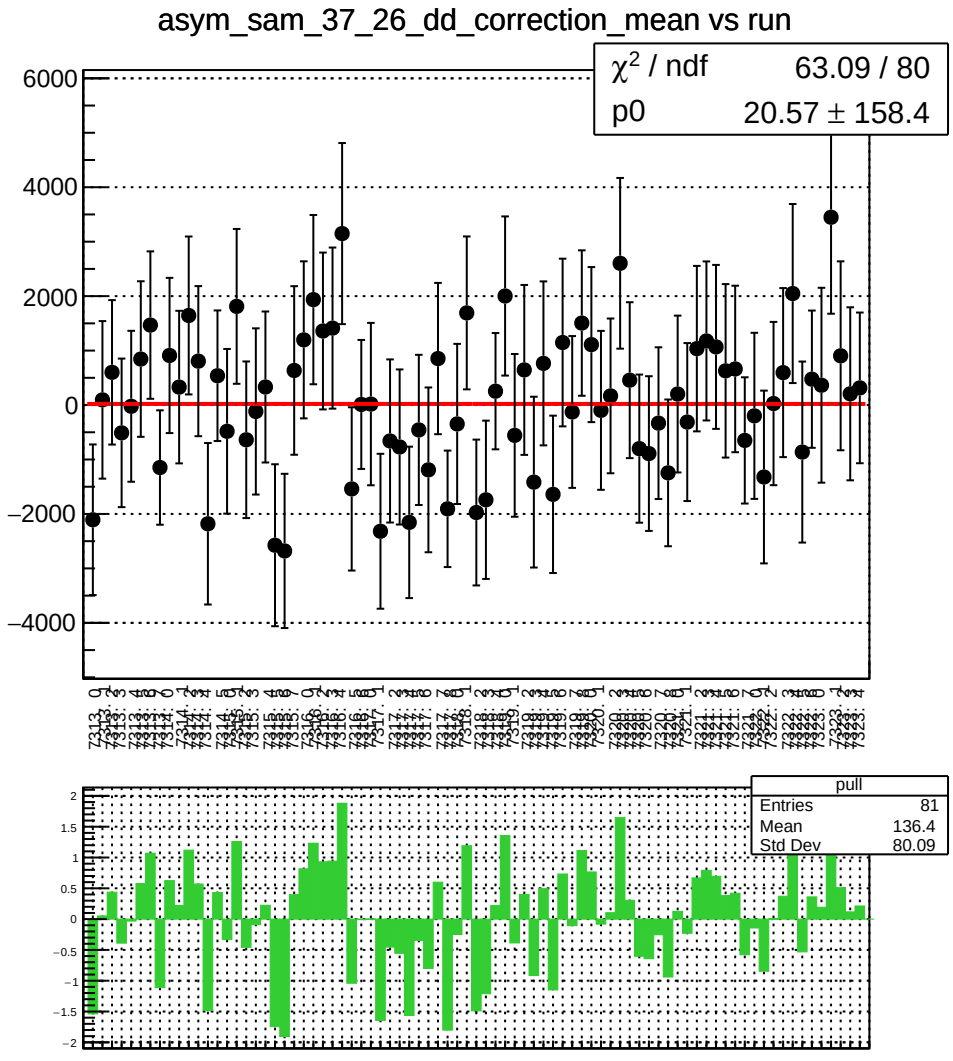

asym_sam_15_26_dd_mean vs run
χ² / ndf 75.03 / 80
p0 −163.4 ± 370.7
pull
Entries 81
Mean 534.2
Std Dev 487.5

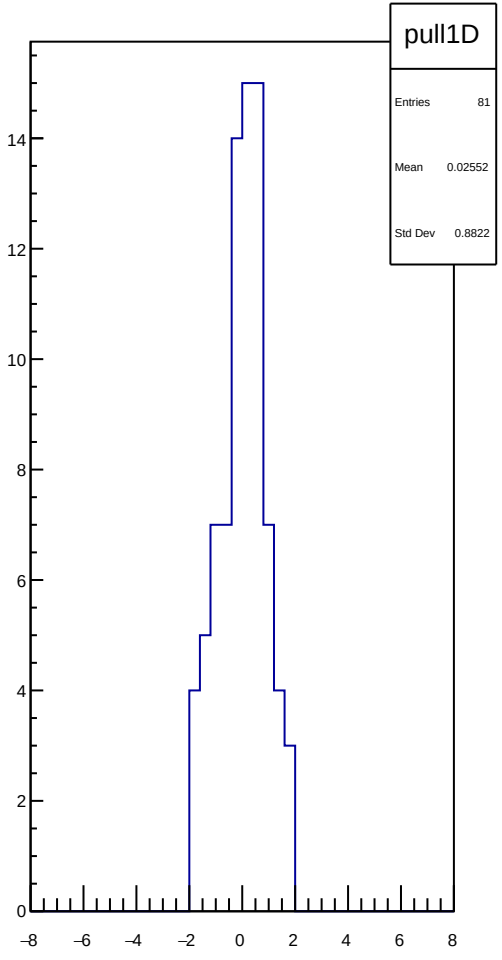

pull1D
Entries 81
Mean −0.007688
Std Dev 0.9624

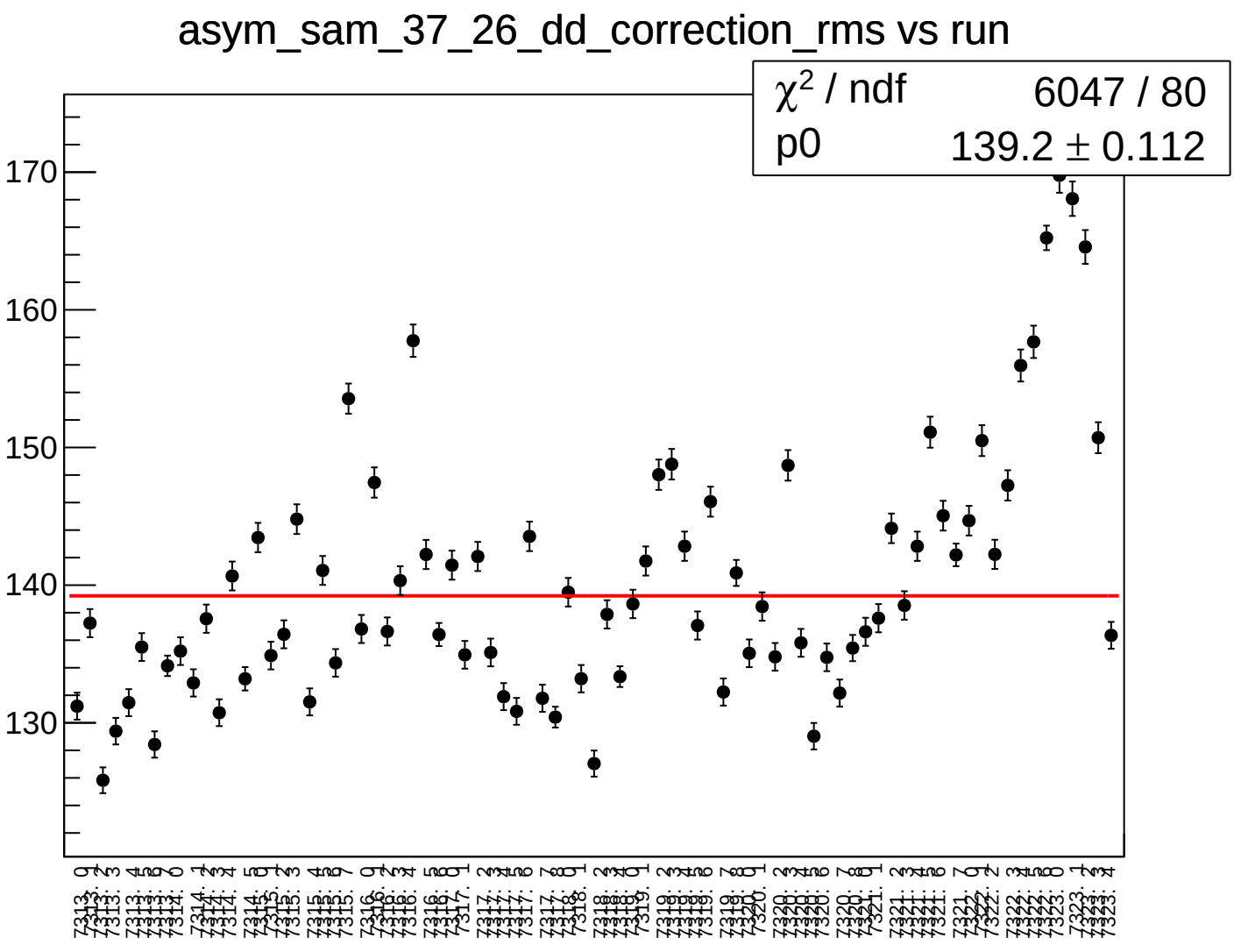

asym_sam_15_26_dd_rms vs run
χ² / ndf 8054 / 80
p0 325.6 ± 0.2621
400
380
360
340
320
300
280

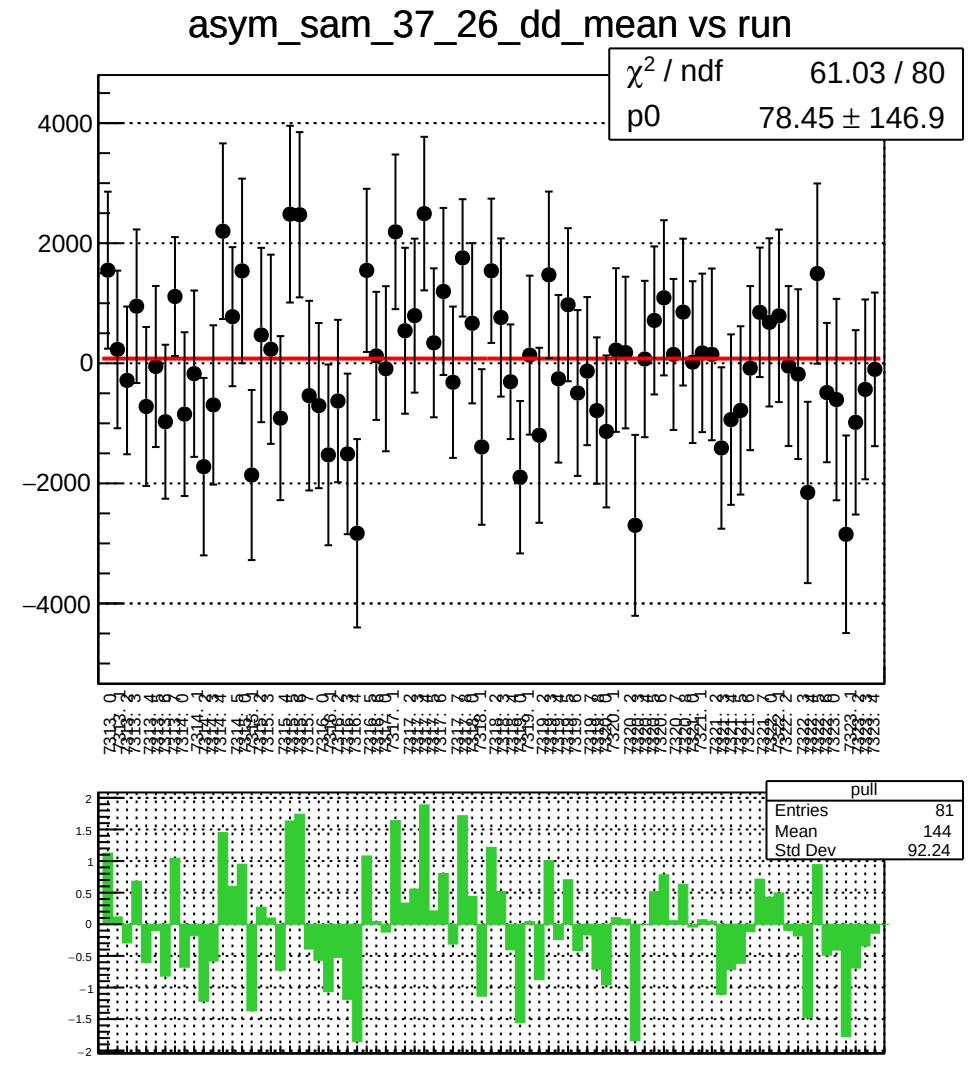

dit_asym_sam_37_26_dd_mean vs run
χ² / ndf 93.69 / 80
p0 95.71 ± 42.49
pull
Entries 81
Mean −1654
Std Dev 1670
pull1D
Entries 81
Mean 0.0005824
Std Dev 1.075

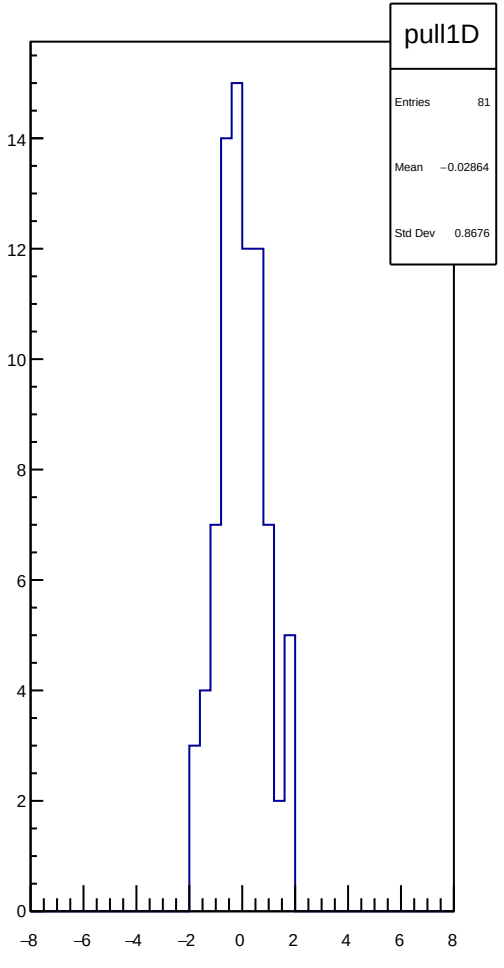

dit_asym_sam_37_26_dd_rms vs run
χ² / ndf 1986 / 80
p0 37.39 ± 0.03004
42
41
40
39
38
37
36
35

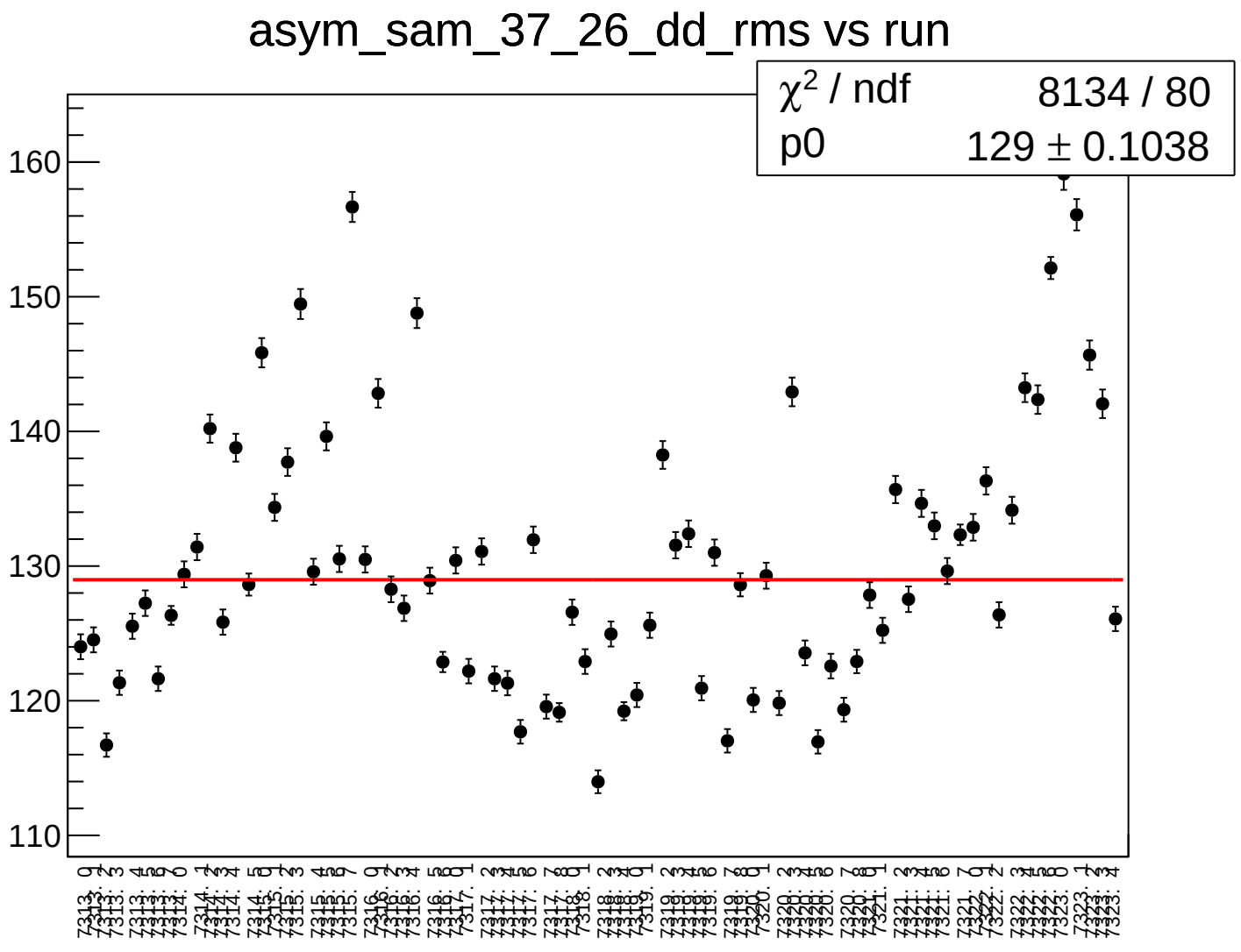

asym_sam_37_26_dd_correction_mean vs run
χ² / ndf 63.09 / 80
p0 20.57 ± 158.4
pull
Entries 81
Mean 136.4
Std Dev 80.09

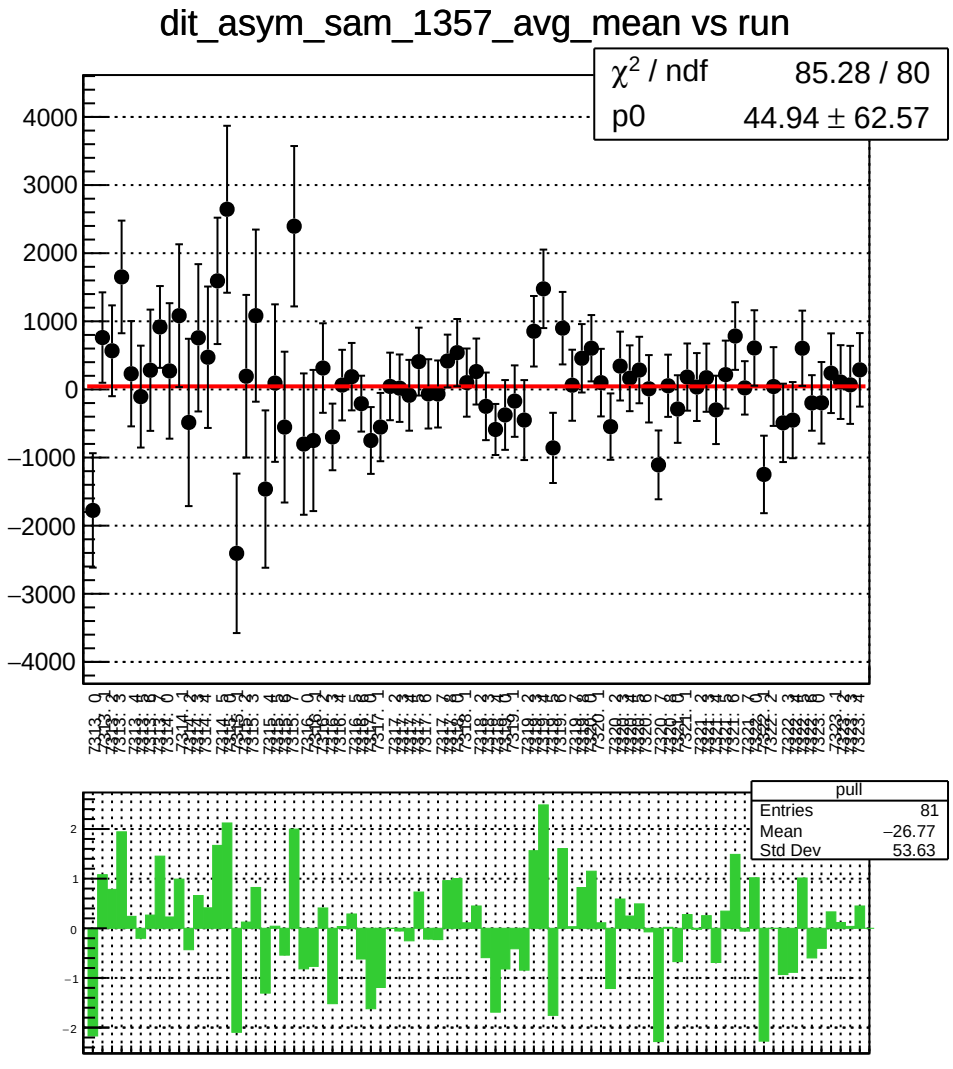

pull1D
Entries 81
Mean 0.02552
Std Dev 0.8822

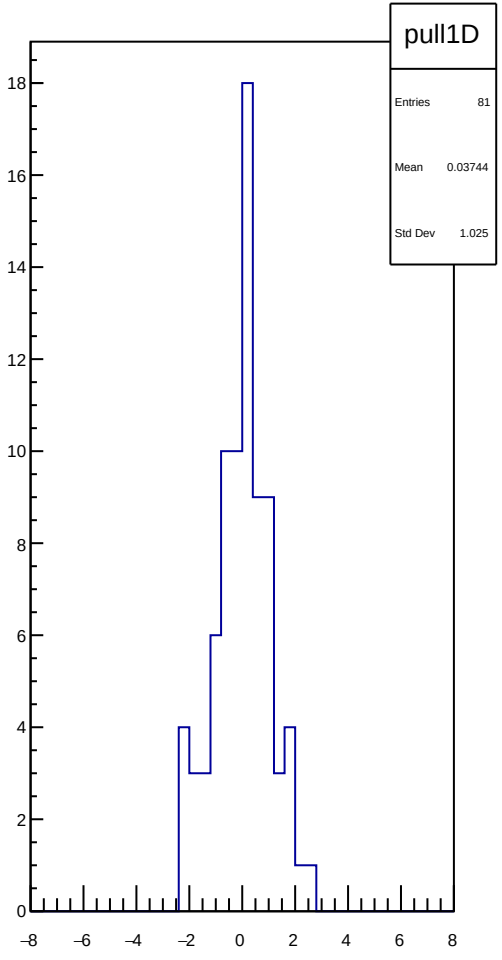

asym_sam_37_26_dd_correction_rms vs run
χ² / ndf 6047 / 80
p0 139.2 ± 0.112
170
160
150
140
130

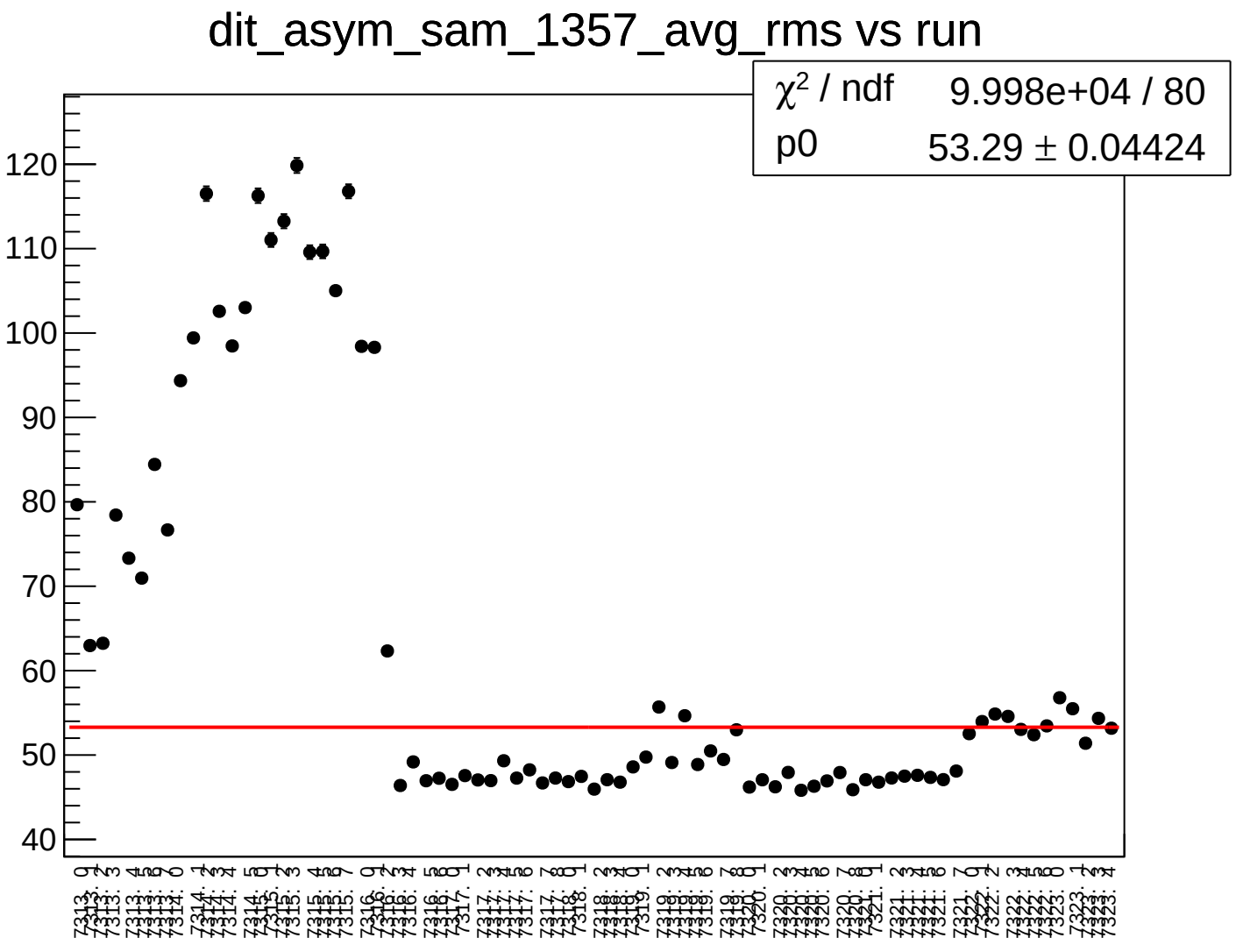

asym_sam_37_26_dd_mean vs run
χ² / ndf 61.03 / 80
p0 78.45 ± 146.9
4000
2000
0
−2000
−4000
pull
Entries 81
Mean 144
Std Dev 92.24
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

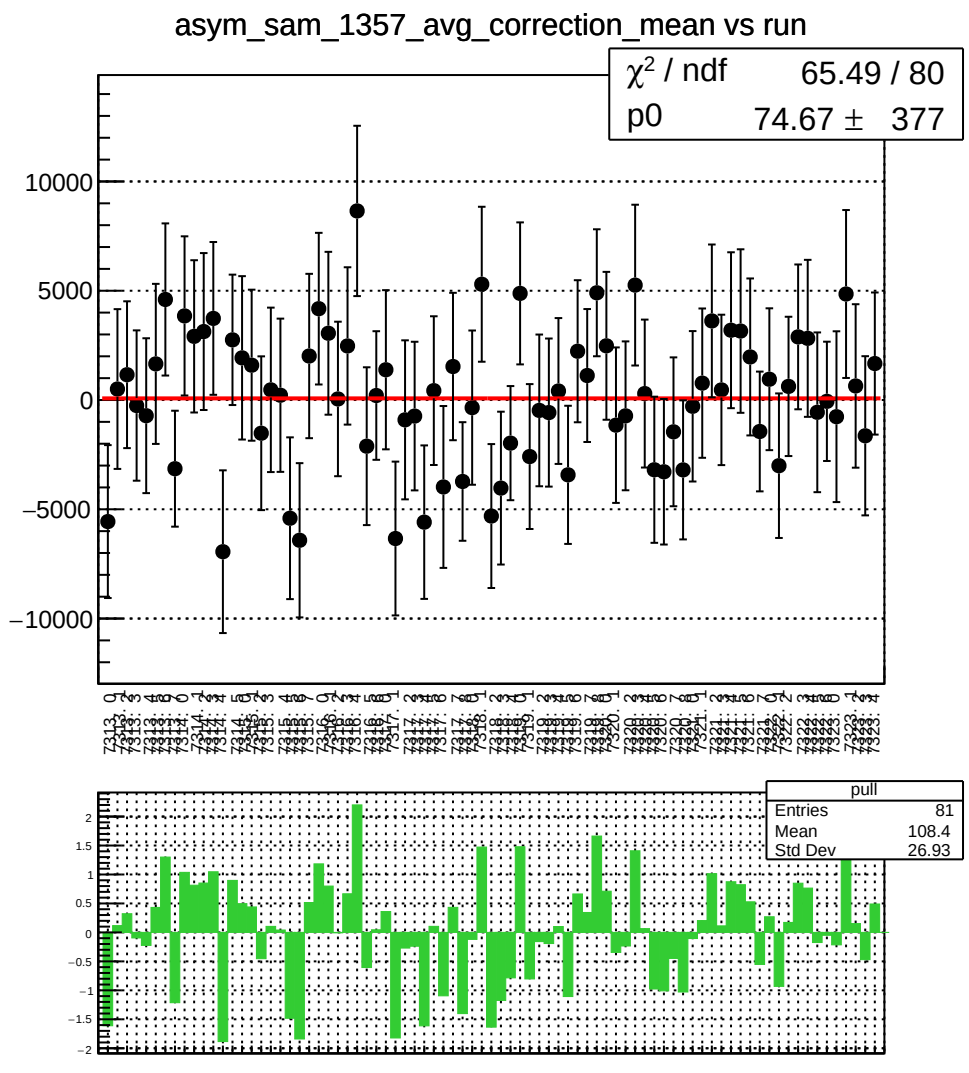

pull1D
Entries 81
Mean −0.02864
Std Dev 0.8676
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

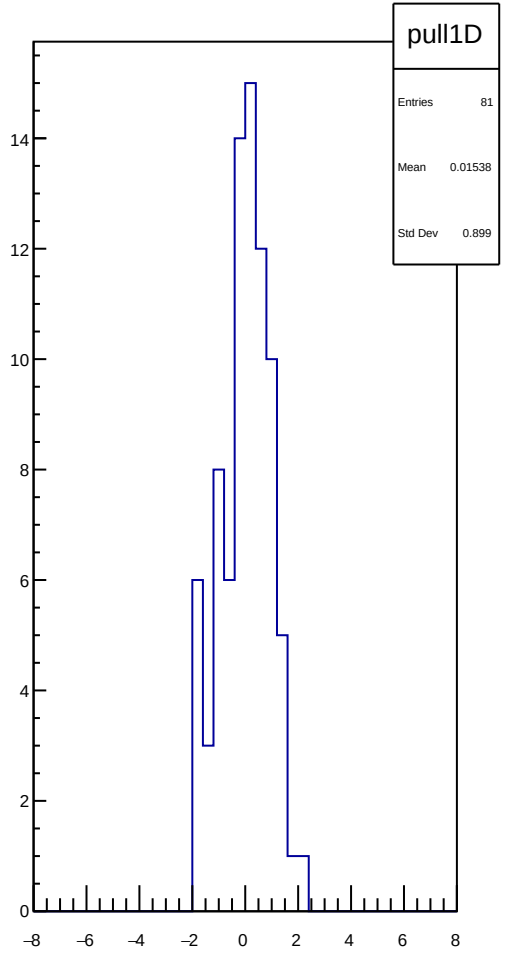

asym_sam_37_26_dd_rms vs run
χ^2 / ndf 8134 / 80
p0 129 ± 0.1038
160
150
140
130
120
110

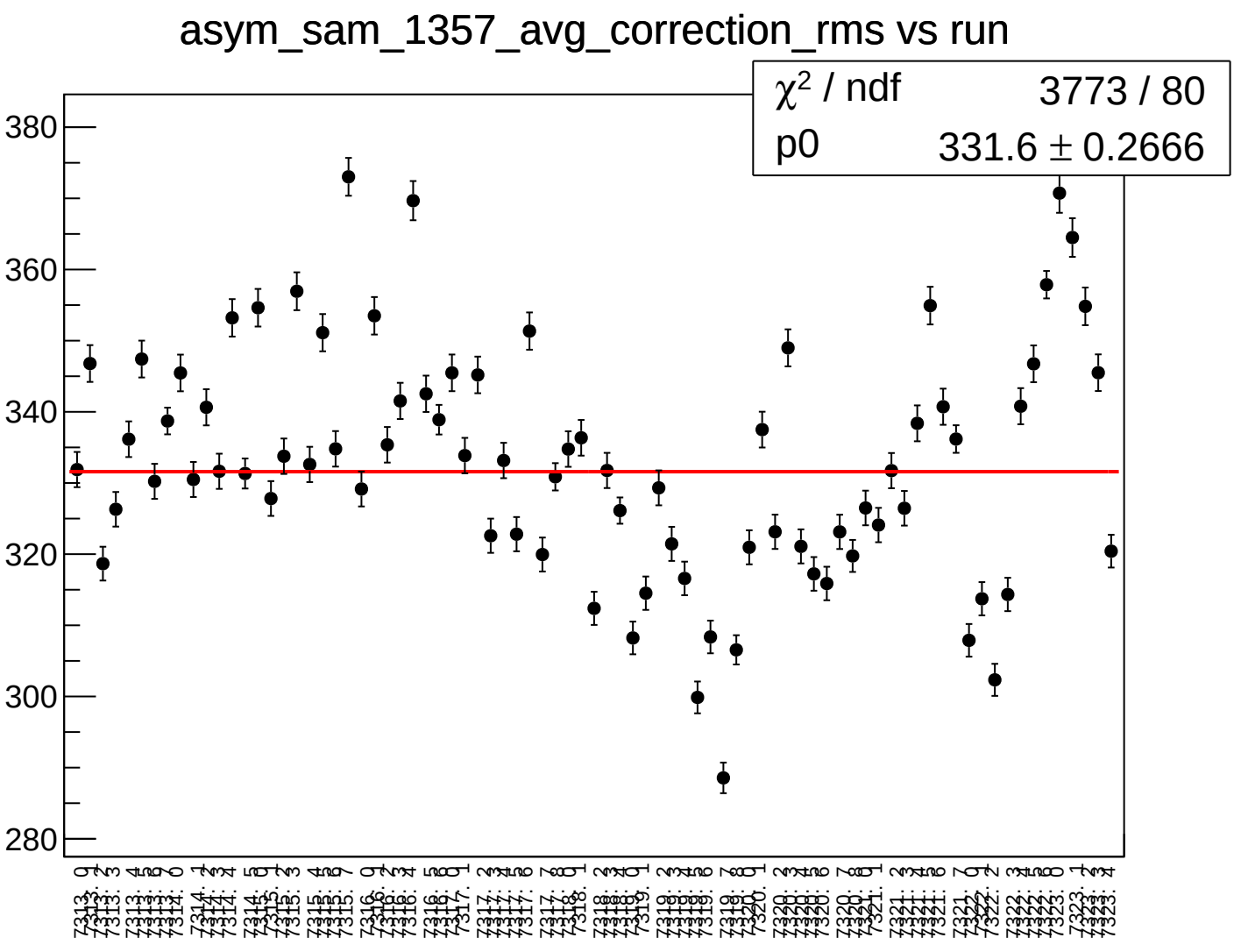

dit_asym_sam_1357_avg_mean vs run
χ² / ndf 85.28 / 80
p0 44.94 ± 62.57
pull
Entries 81
Mean −26.77
Std Dev 53.63

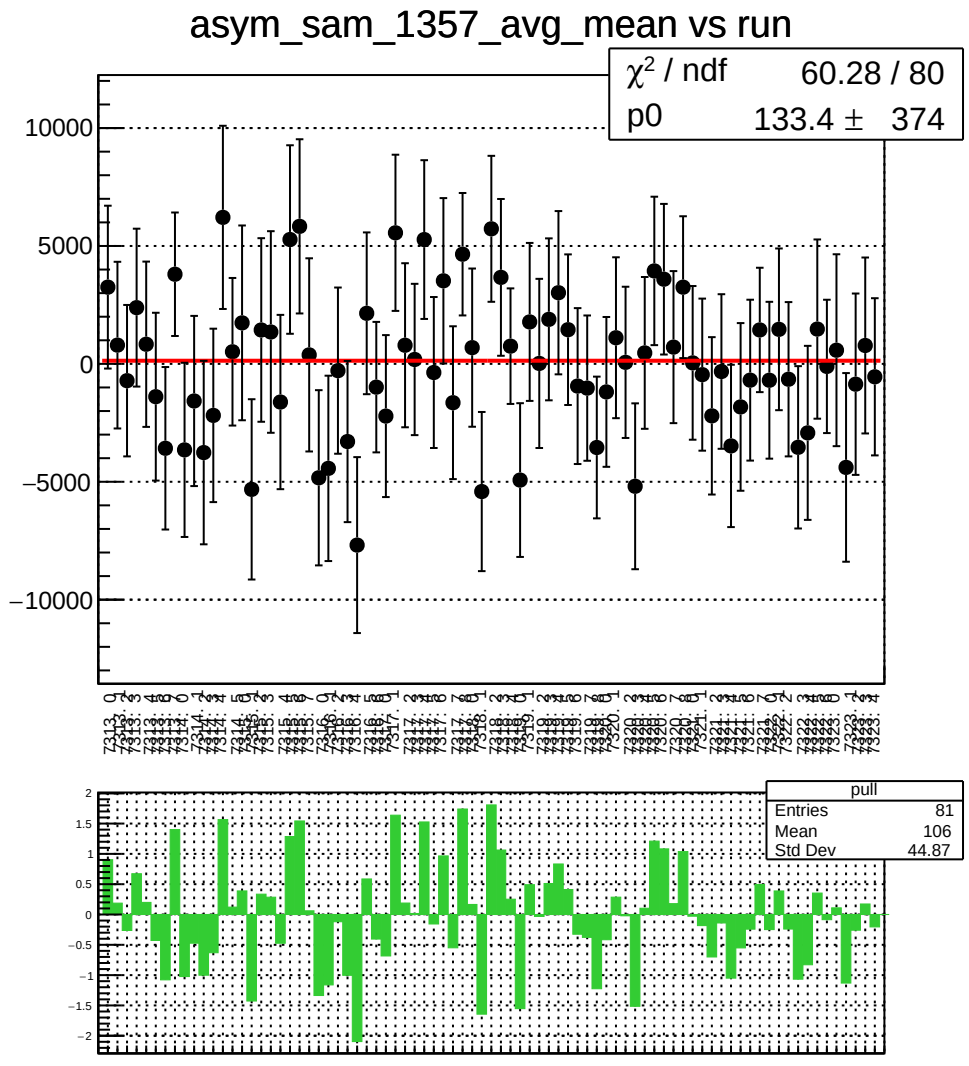

pull1D
Entries 81
Mean 0.03744
Std Dev 1.025

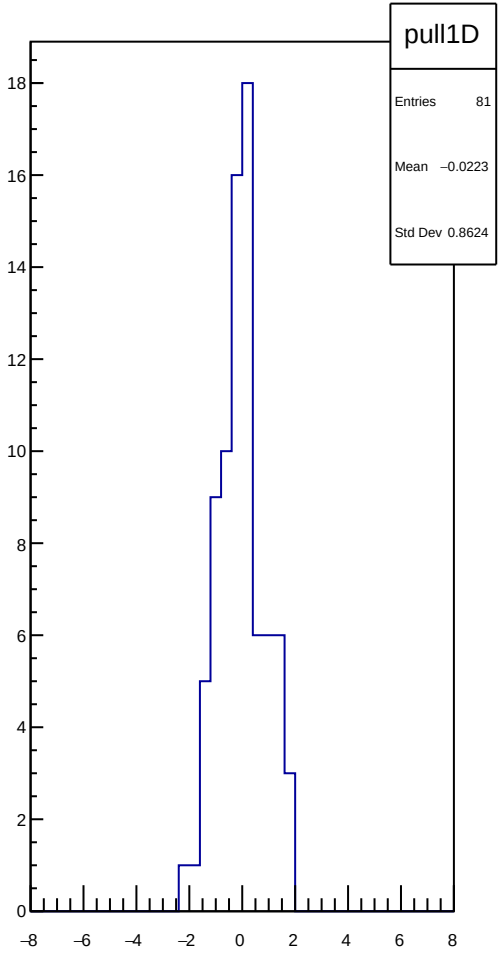

dit_asym_sam_1357_avg_rms vs run
χ² / ndf 9.998e+04 / 80
p0 53.29 ± 0.04424
120
110
100
90
80
70
60
50
40

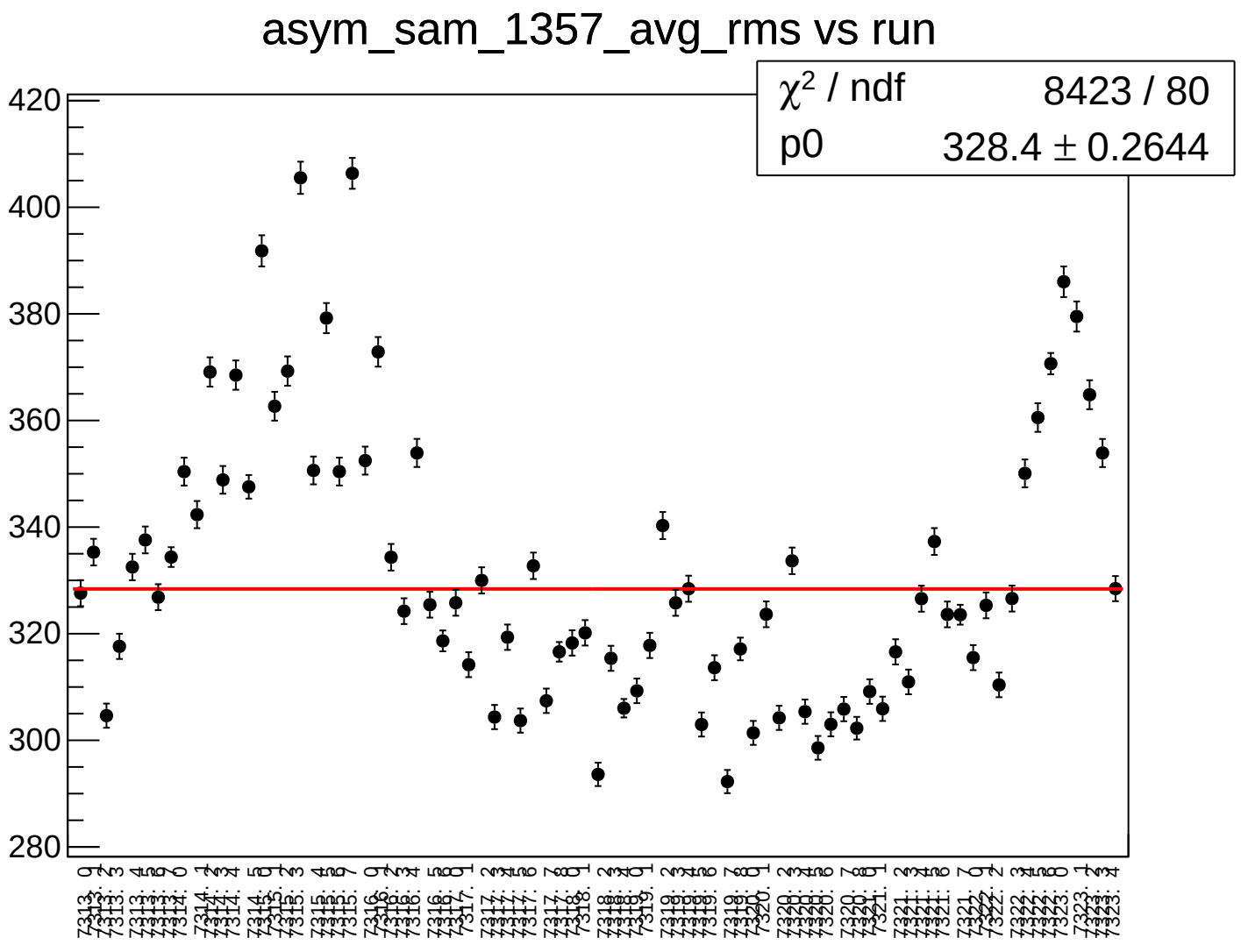

asym_sam_1357_avg_correction_mean vs run
χ² / ndf 65.49 / 80
p0 74.67 ± 377
10000
5000
0
−5000
−10000
pull
Entries 81
Mean 108.4
Std Dev 26.93
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

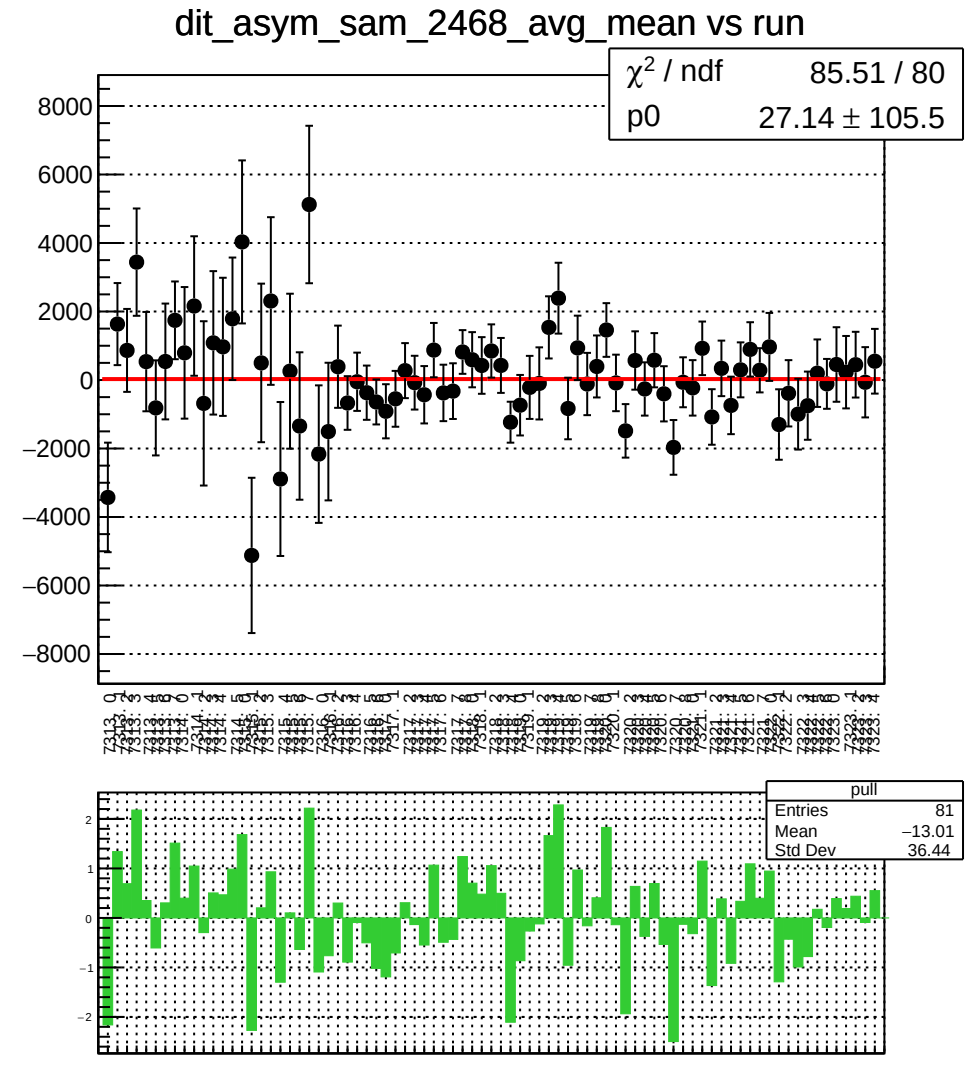

pull1D
Entries 81
Mean 0.01538
Std Dev 0.899
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

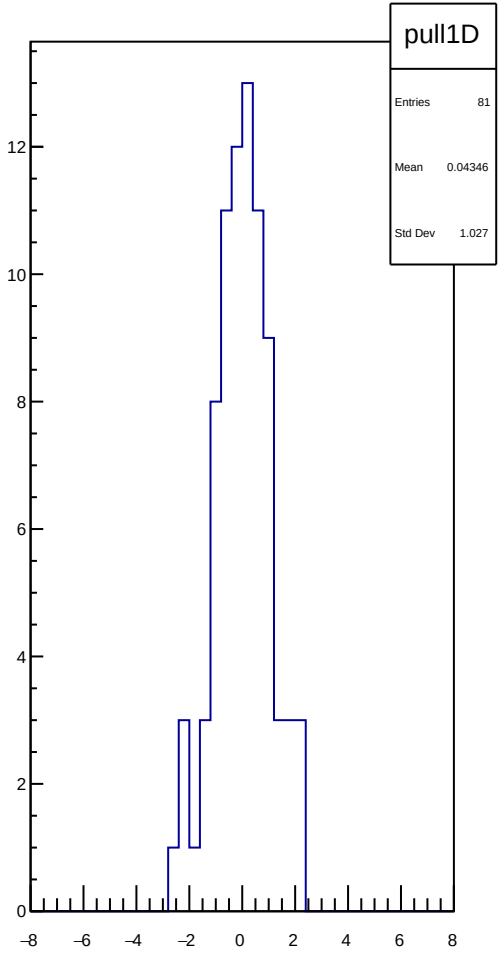

asym_sam_1357_avg_correction_rms vs run
χ² / ndf 3773 / 80
p0 331.6 ± 0.2666
380
360
340
320
300
280

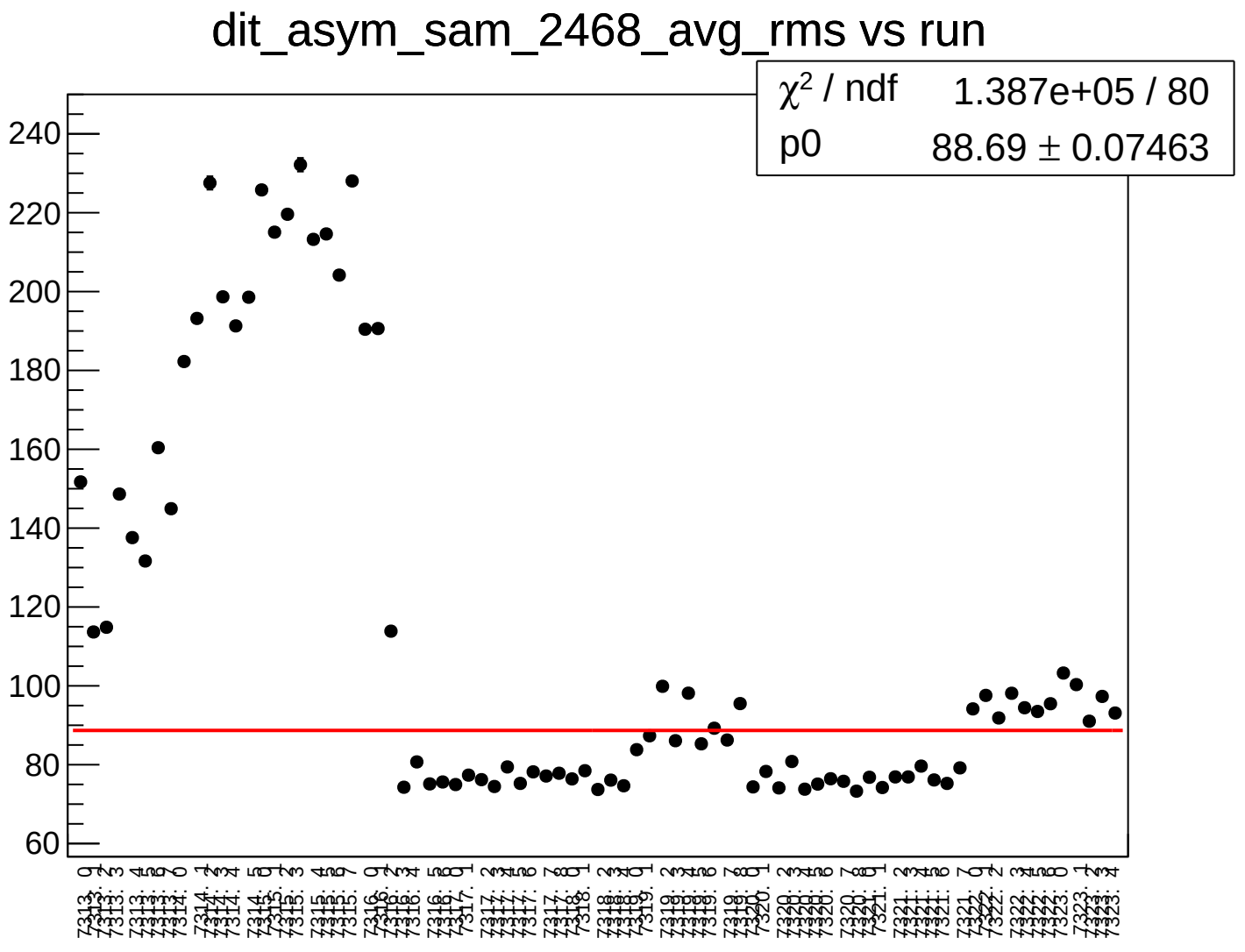

asym_sam_1357_avg_mean vs run
χ² / ndf 60.28 / 80
p0 133.4 ± 374
10000
5000
0
−5000
−10000
pull
Entries 81
Mean 106
Std Dev 44.87
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

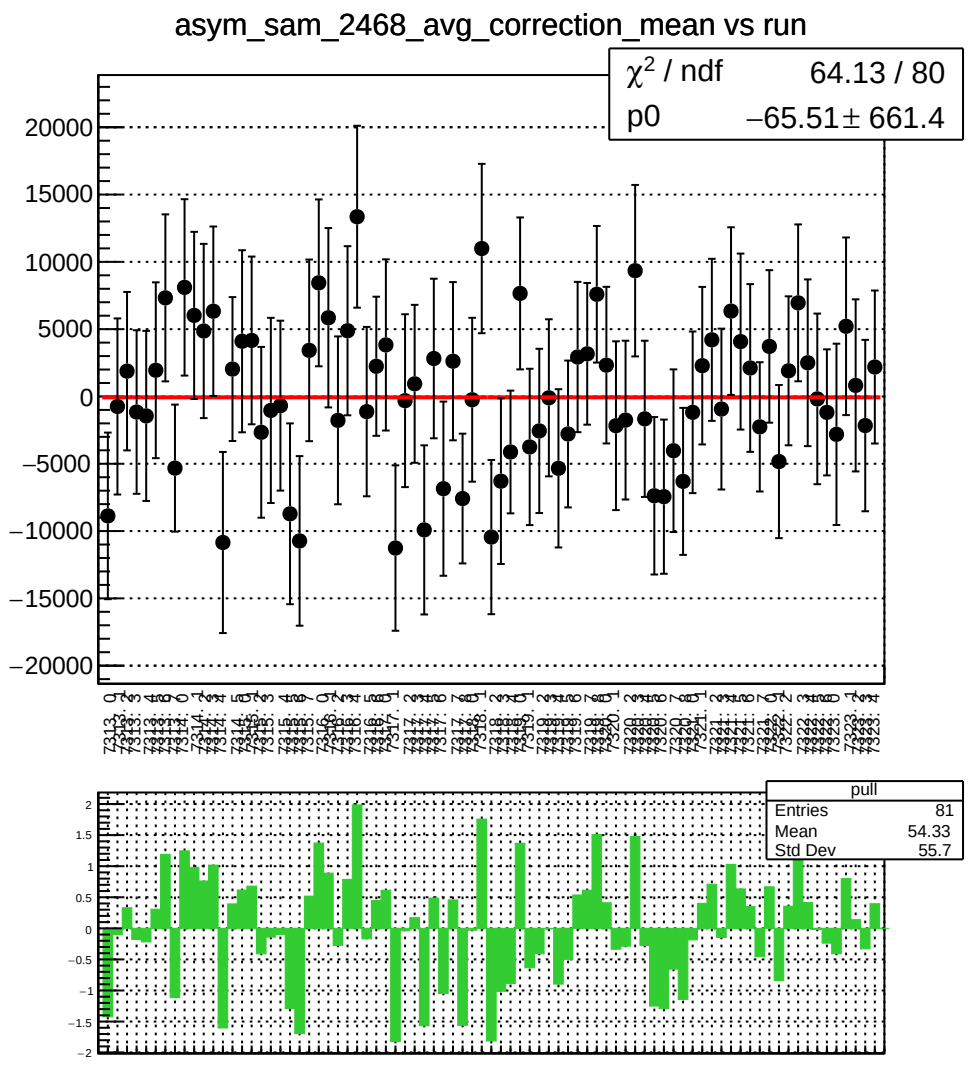

pull1D
Entries 81
Mean −0.0223
Std Dev 0.8624
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

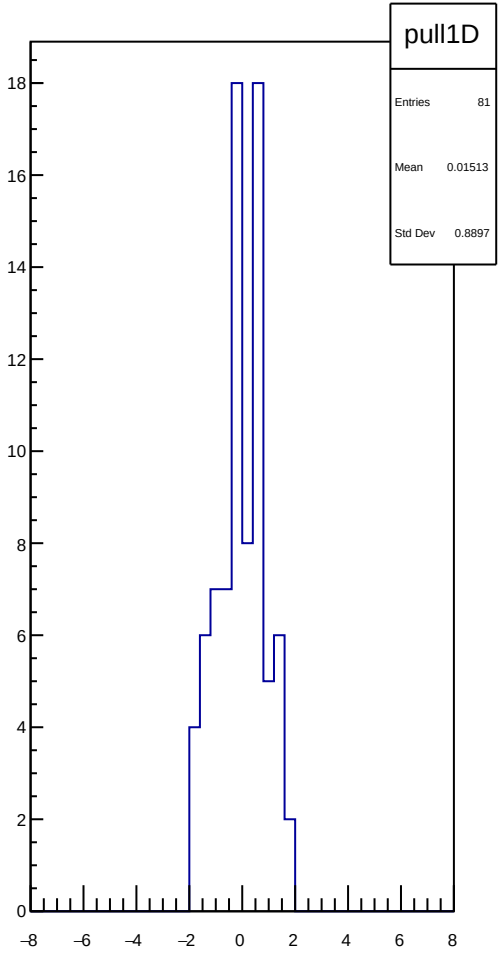

asym_sam_1357_avg_rms vs run
χ² / ndf 8423 / 80
p0 328.4 ± 0.2644
420
400
380
360
340
320
300
280

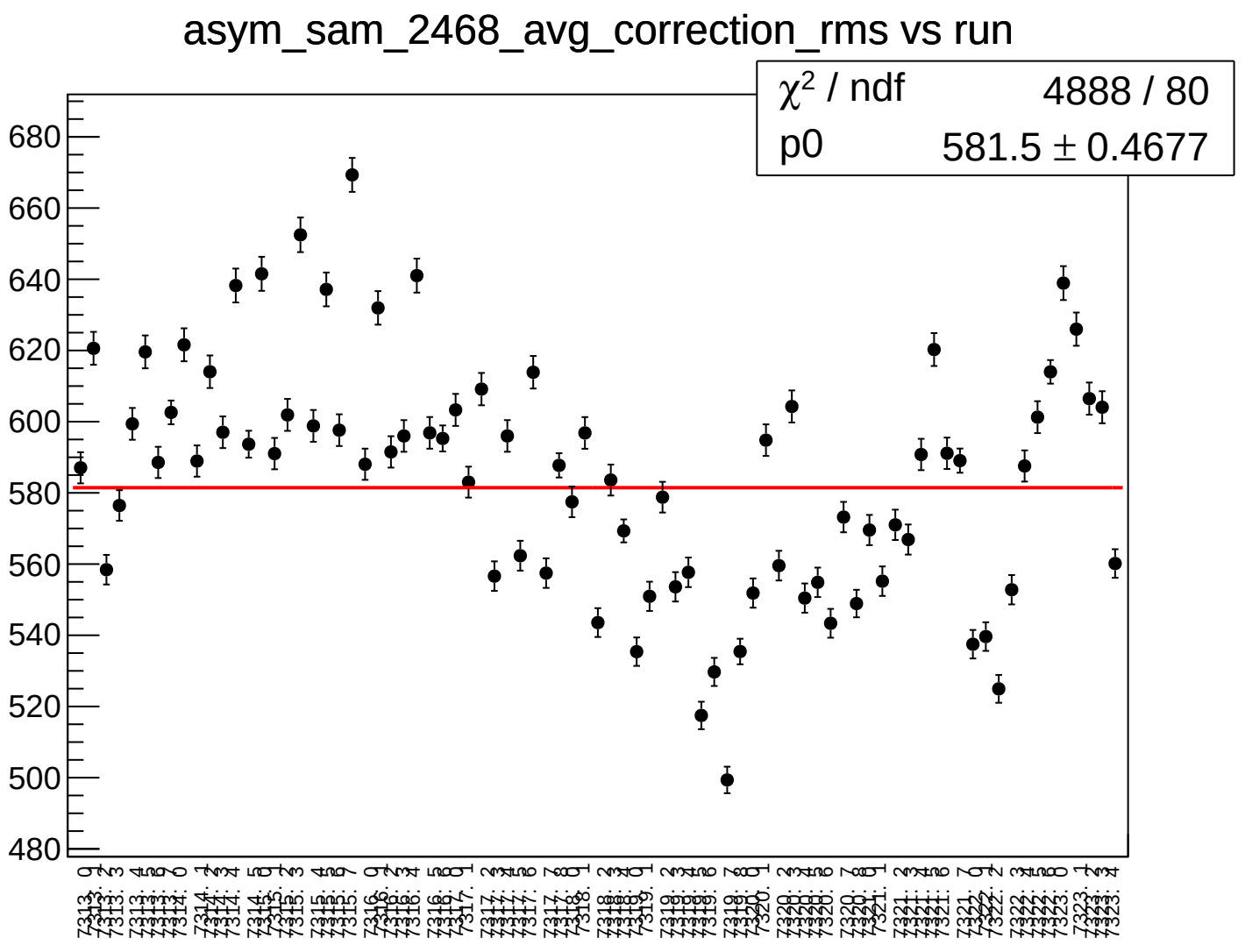

dit_asym_sam_2468_avg_mean vs run
χ² / ndf 85.51 / 80
p0 27.14 ± 105.5
pull
Entries 81
Mean −13.01
Std Dev 36.44

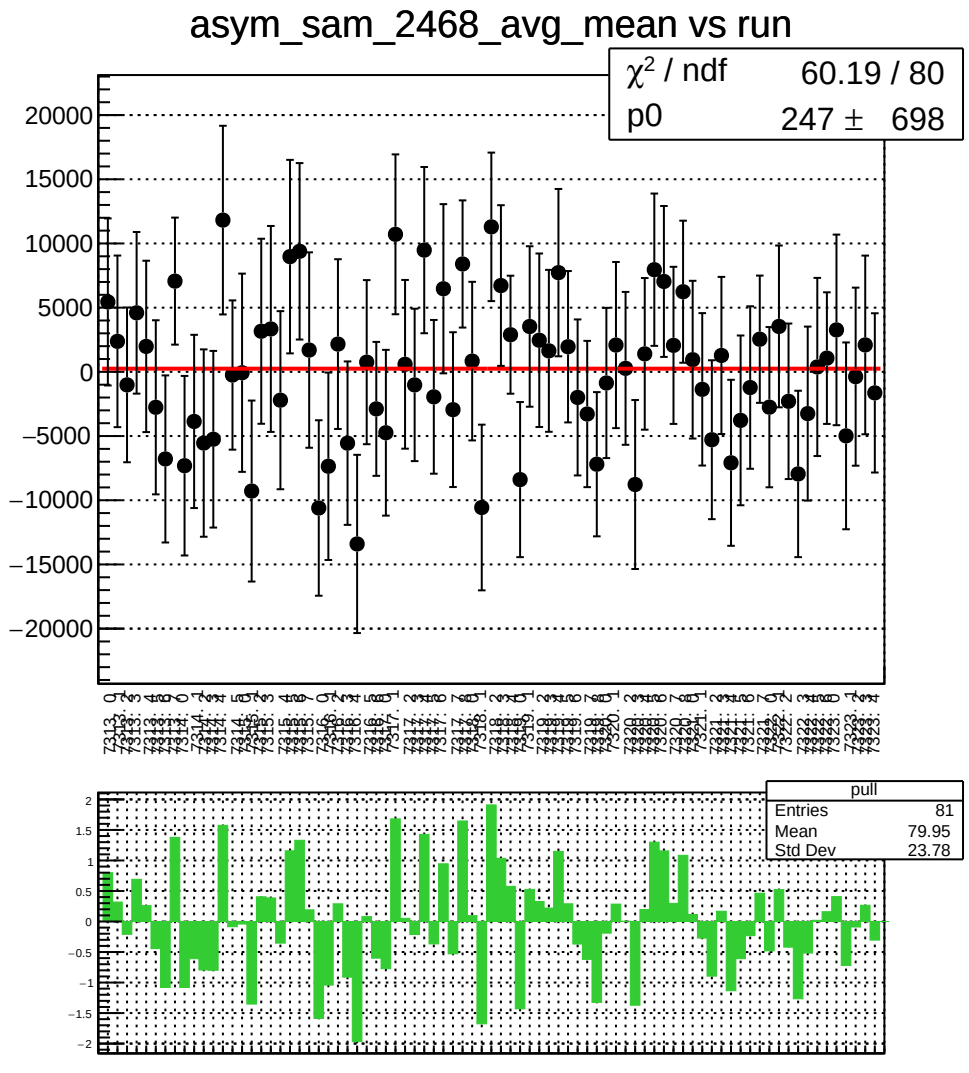

pull1D
Entries 81
Mean 0.04346
Std Dev 1.027

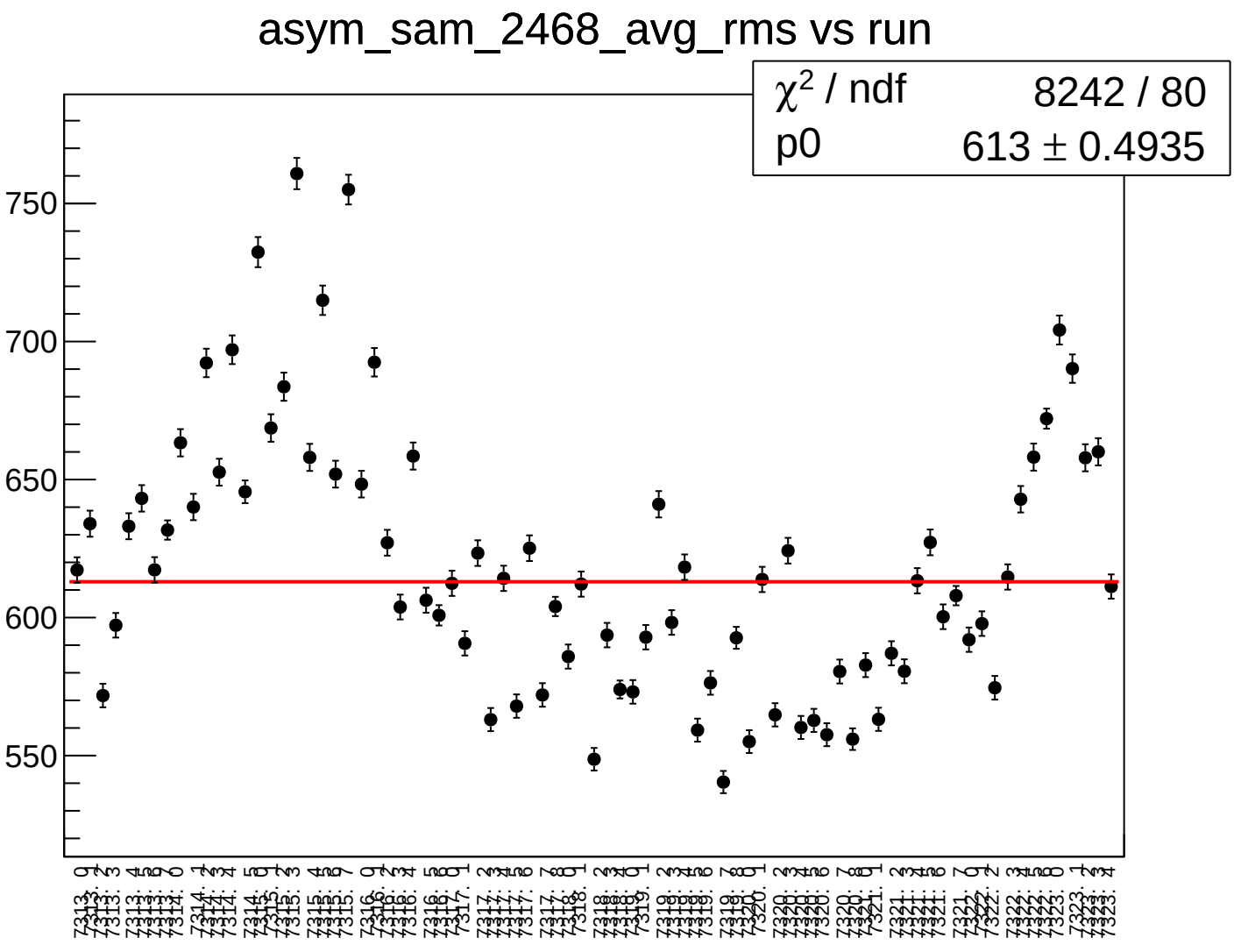

dit_asym_sam_2468_avg_rms vs run
χ^2 / ndf 1.387e+05 / 80
p0 88.69 ± 0.07463
240
220
200
180
160
140
120
100
80
60

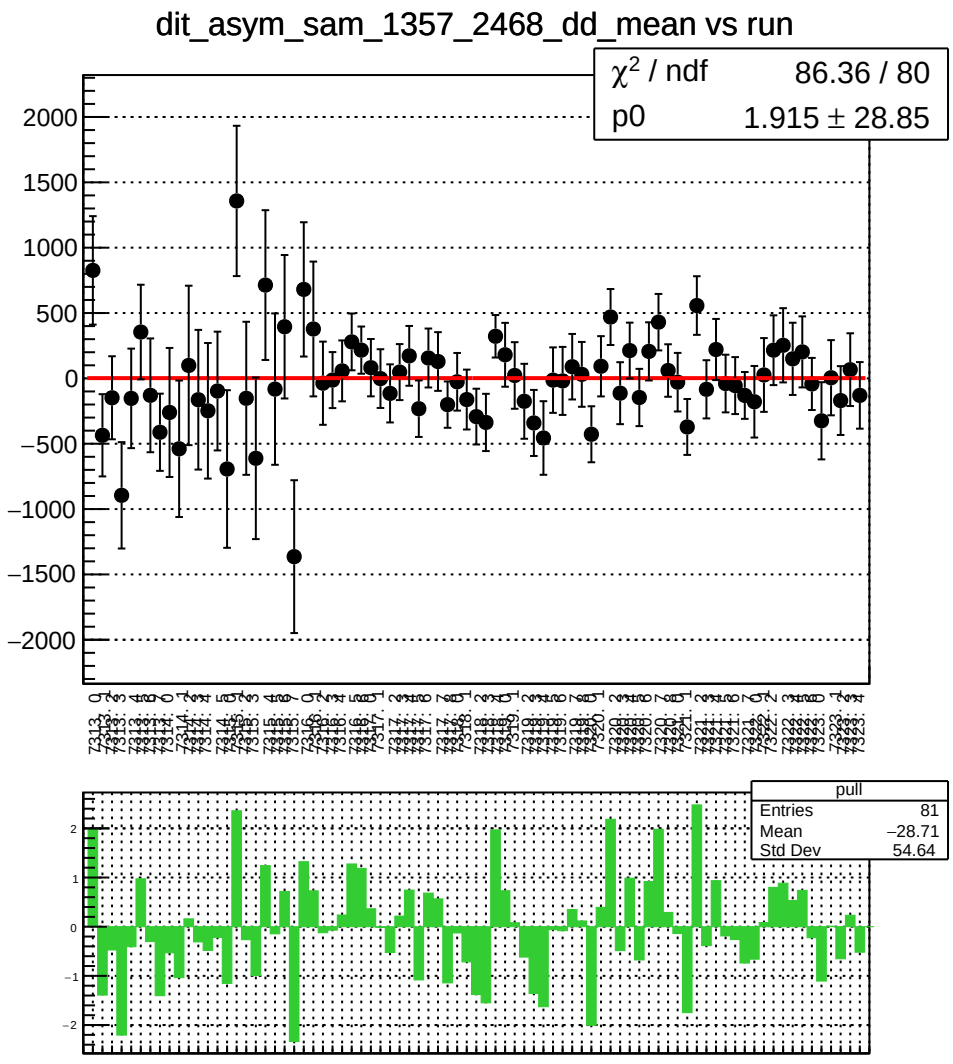

asym_sam_2468_avg_correction_mean vs run
χ² / ndf 64.13 / 80
p0 −65.51 ± 661.4
pull
Entries 81
Mean 54.33
Std Dev 55.7

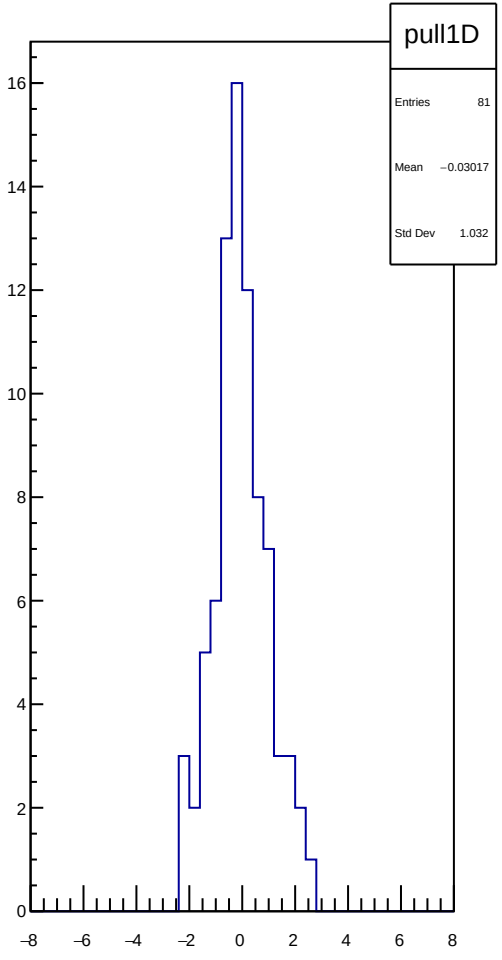

pull1D
Entries 81
Mean 0.01513
Std Dev 0.8897

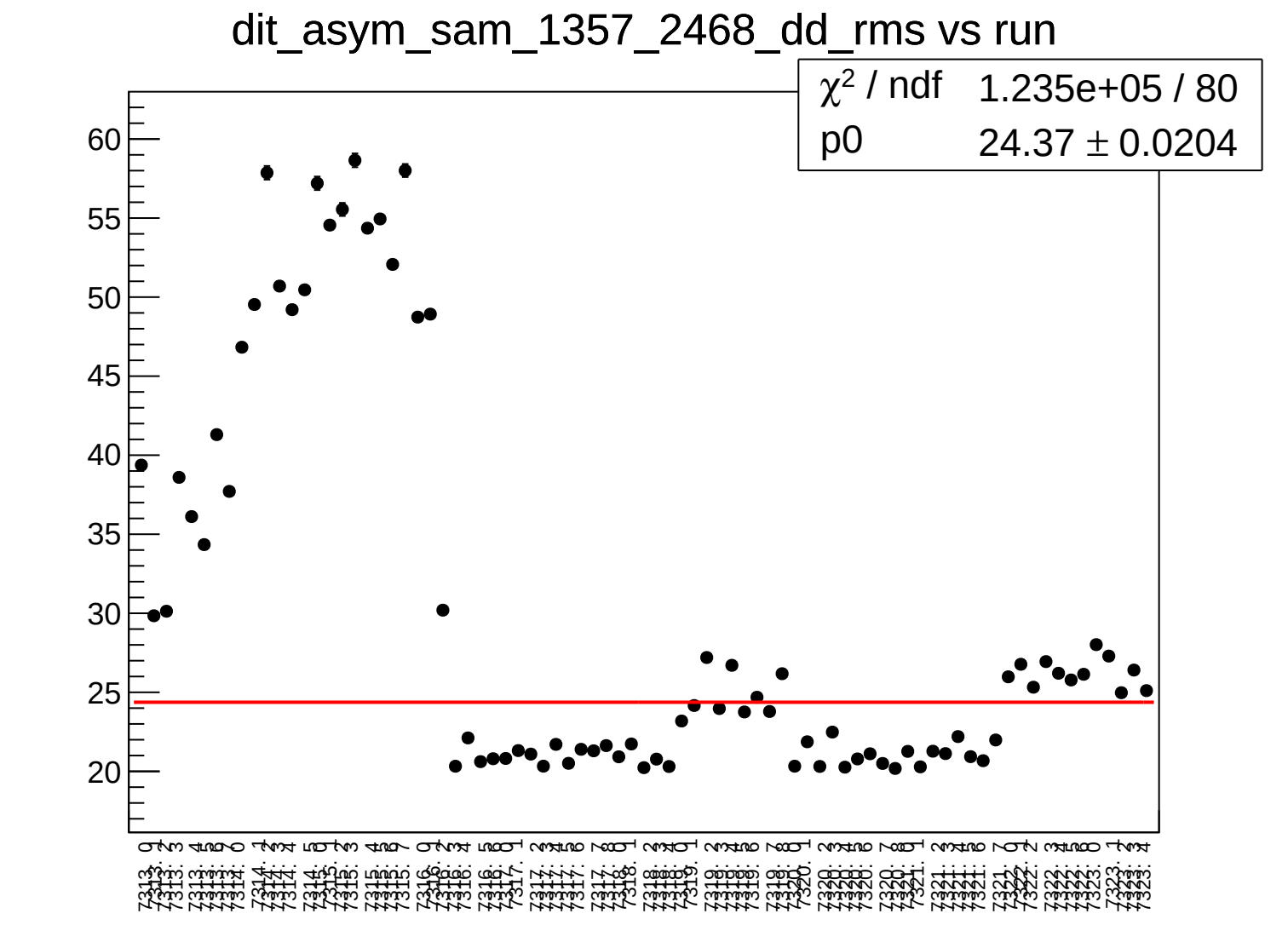

asym_sam_2468_avg_correction_rms vs run
χ² / ndf 4888 / 80
p0 581.5 ± 0.4677
680
660
640
620
600
580
560
540
520
500
480

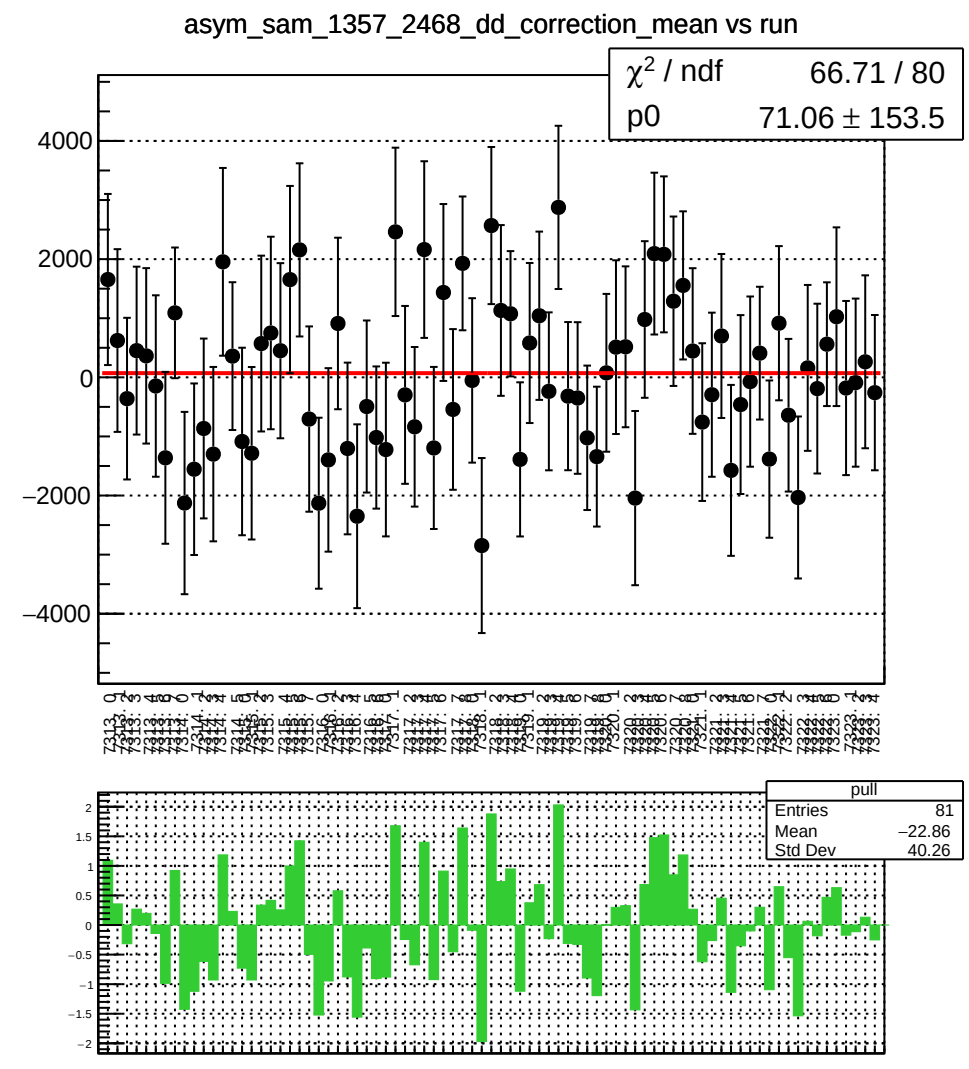

asym_sam_2468_avg_mean vs run
χ² / ndf 60.19 / 80
p0 247 ± 698
pull
Entries 81
Mean 79.95
Std Dev 23.78
pull1D
Entries 81
Mean −0.01944
Std Dev 0.8618

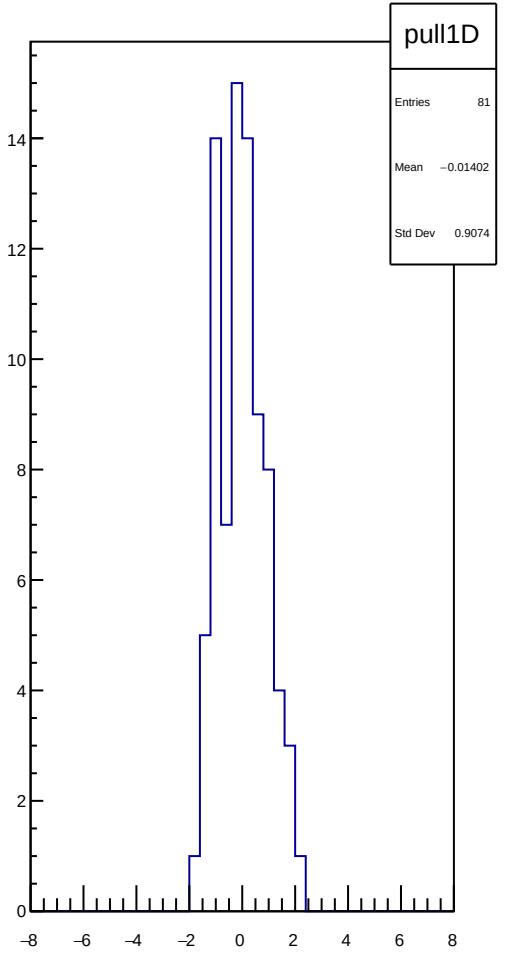

asym_sam_2468_avg_rms vs run
χ² / ndf 8242 / 80
p0 613 ± 0.4935
750
700
650
600
550

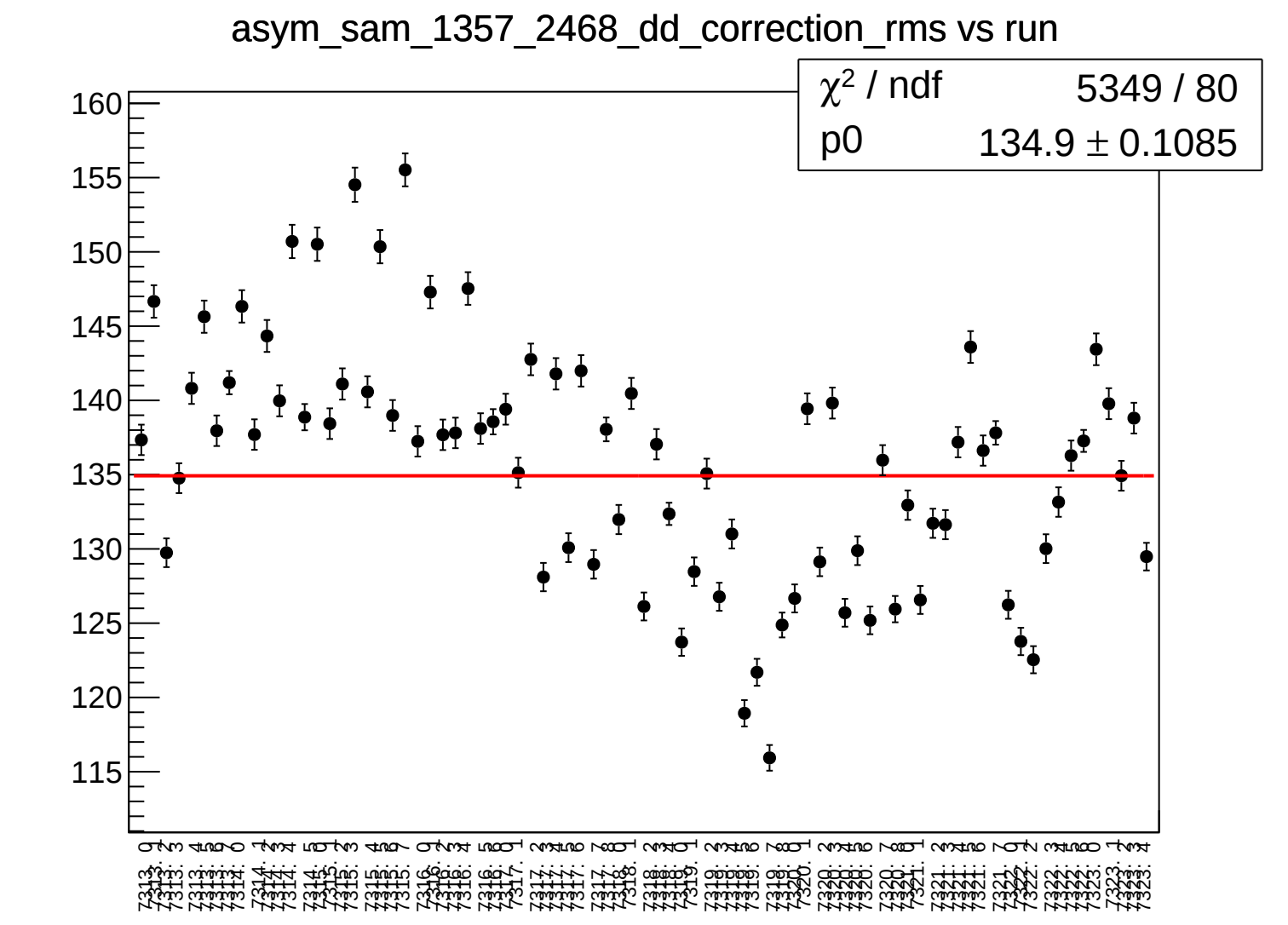

dit_asym_sam_1357_2468_dd_mean vs run
χ^2 / ndf 86.36 / 80
p0 1.915 ± 28.85
pull
Entries 81
Mean −28.71
Std Dev 54.64

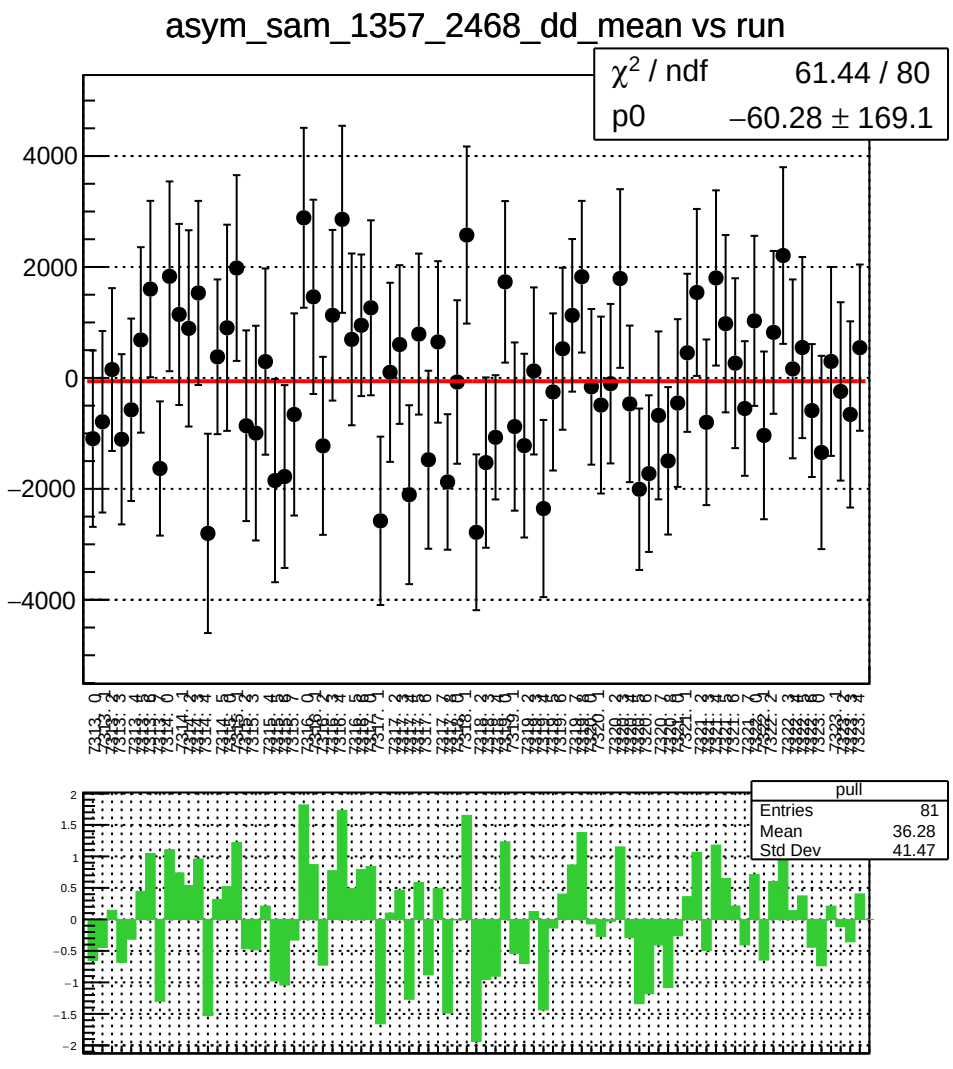

pull1D
Entries 81
Mean −0.03017
Std Dev 1.032

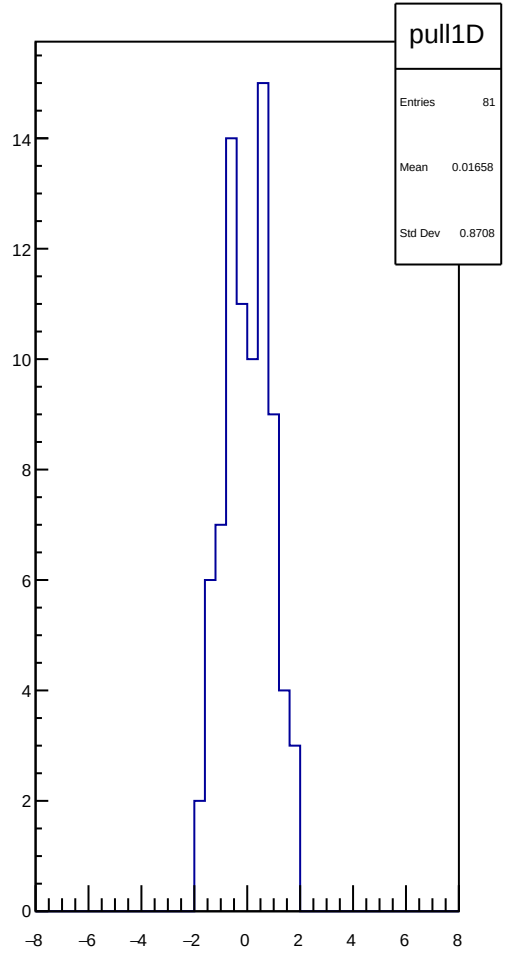

dit_asym_sam_1357_2468_dd_rms vs run
χ² / ndf 1.235e+05 / 80
p0 24.37 ± 0.0204
60
55
50
45
40
35
30
25
20

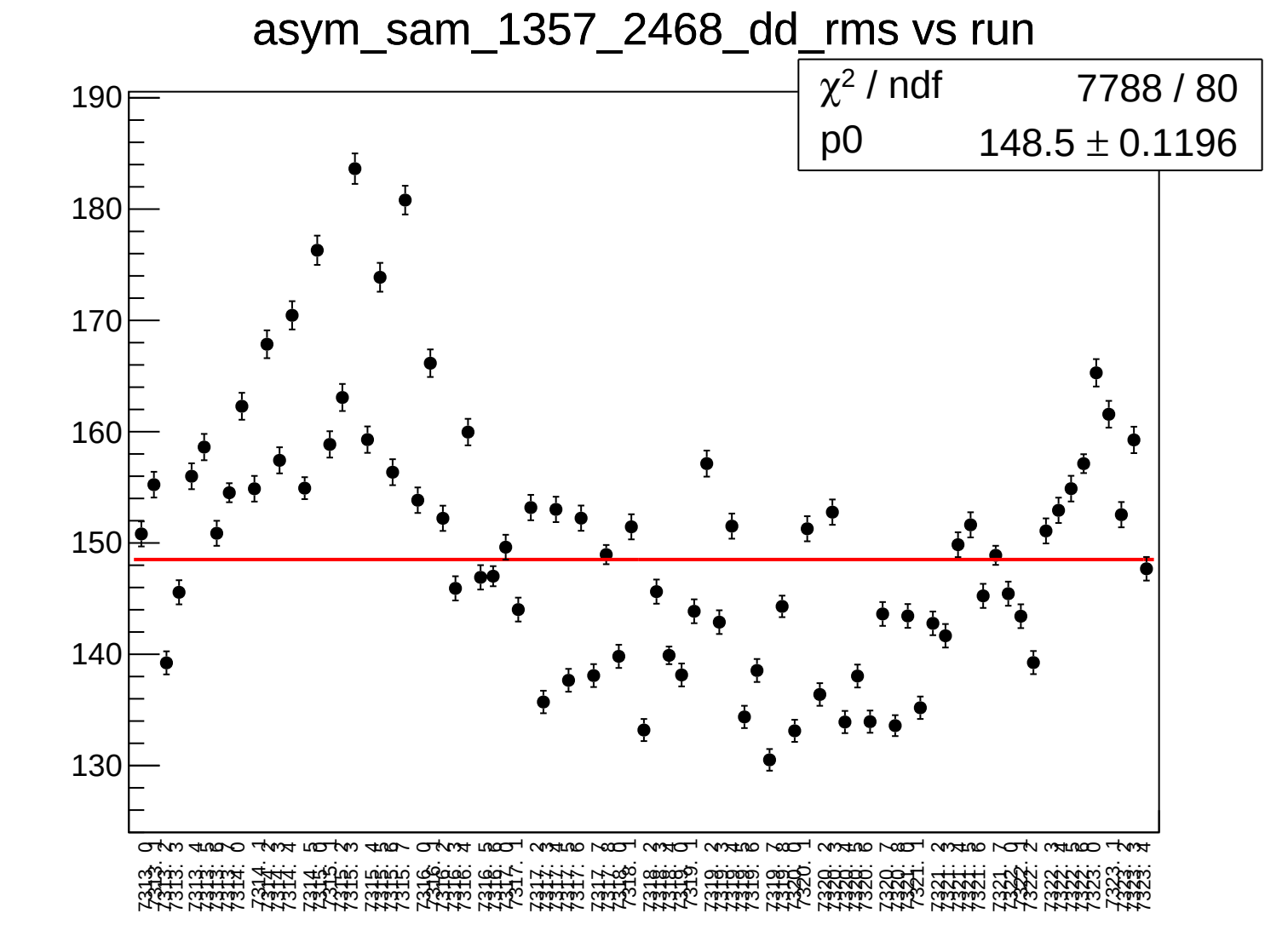

asym_sam_1357_2468_dd_correction_mean vs run
χ² / ndf 66.71 / 80
p0 71.06 ± 153.5
4000
2000
0
−2000
−4000
pull
Entries 81
Mean −22.86
Std Dev 40.26
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

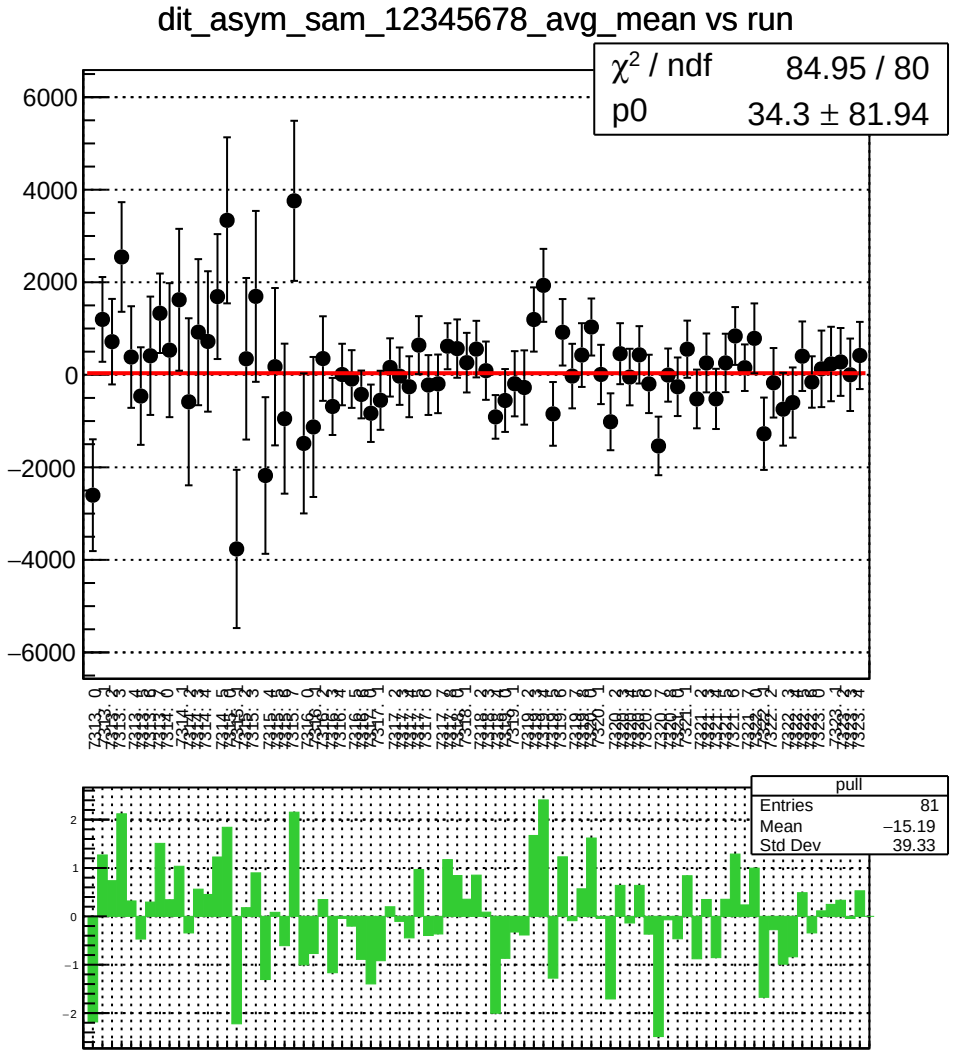

pull1D
Entries 81
Mean −0.01402
Std Dev 0.9074
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

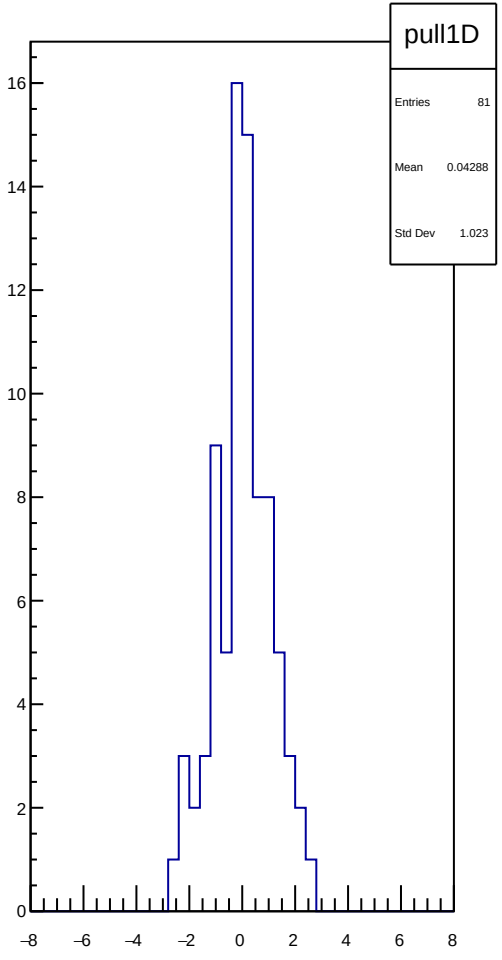

asym_sam_1357_2468_dd_correction_rms vs run
χ² / ndf 5349 / 80
p0 134.9 ± 0.1085
160
155
150
145
140
135
130
125
120
115

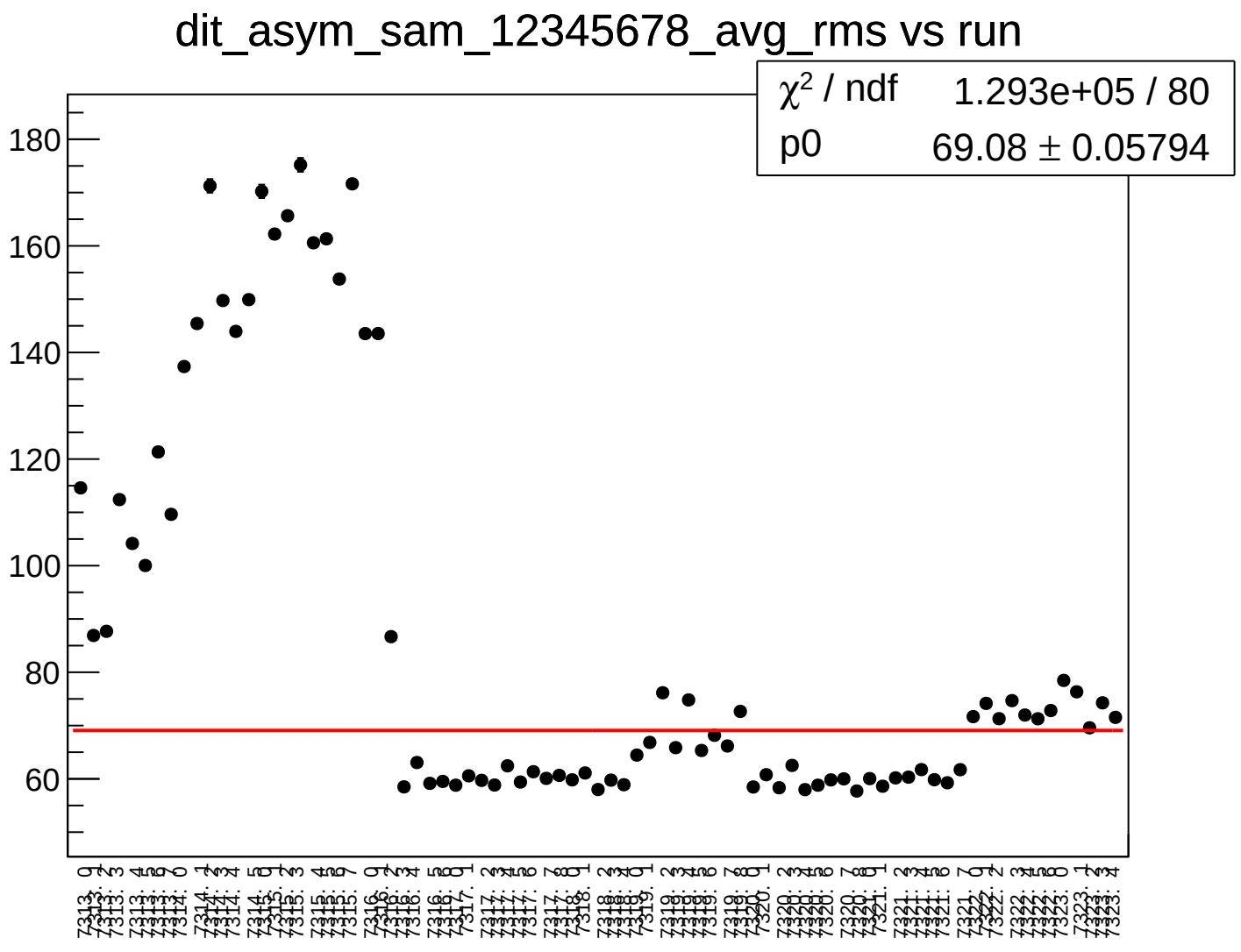

asym_sam_1357_2468_dd_mean vs run
χ² / ndf 61.44 / 80
p0 −60.28 ± 169.1
4000
2000
0
−2000
−4000
pull
Entries 81
Mean 36.28
Std Dev 41.47
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

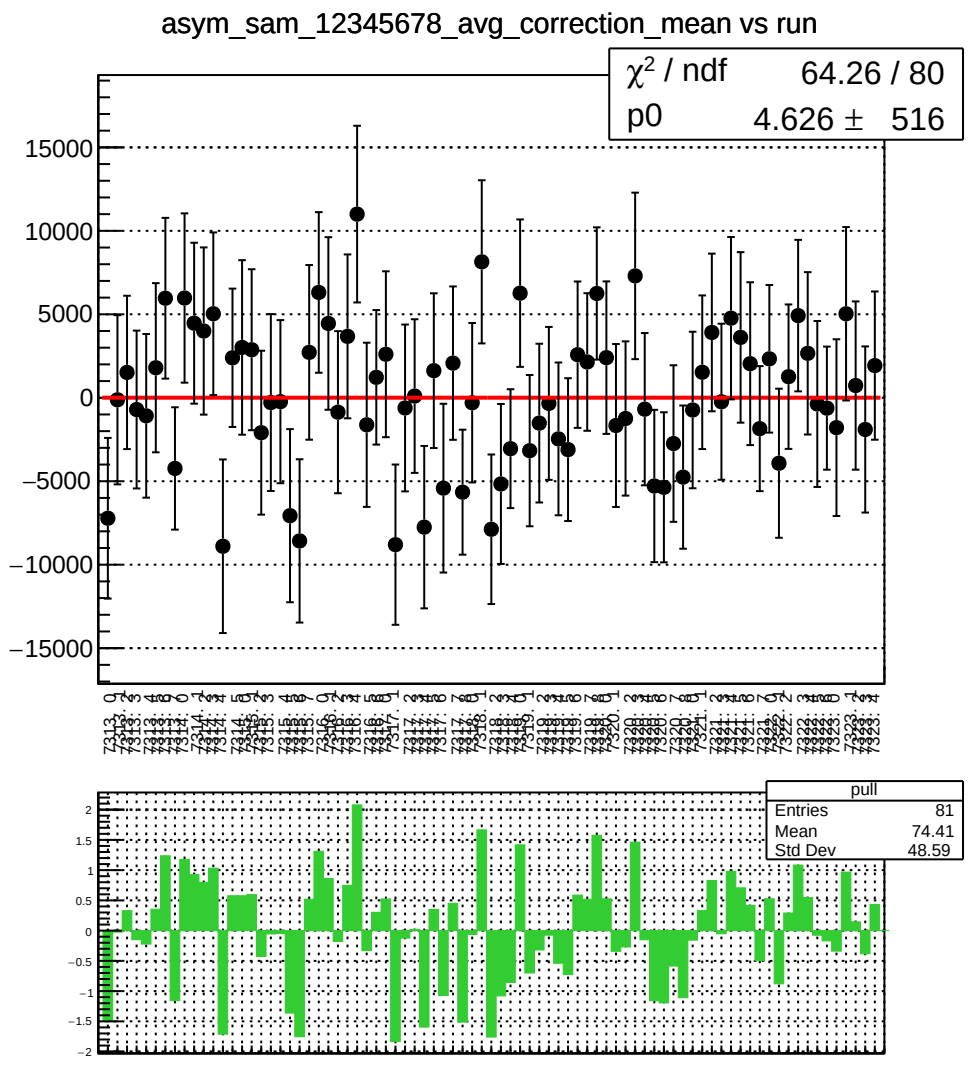

pull1D
Entries 81
Mean 0.01658
Std Dev 0.8708
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

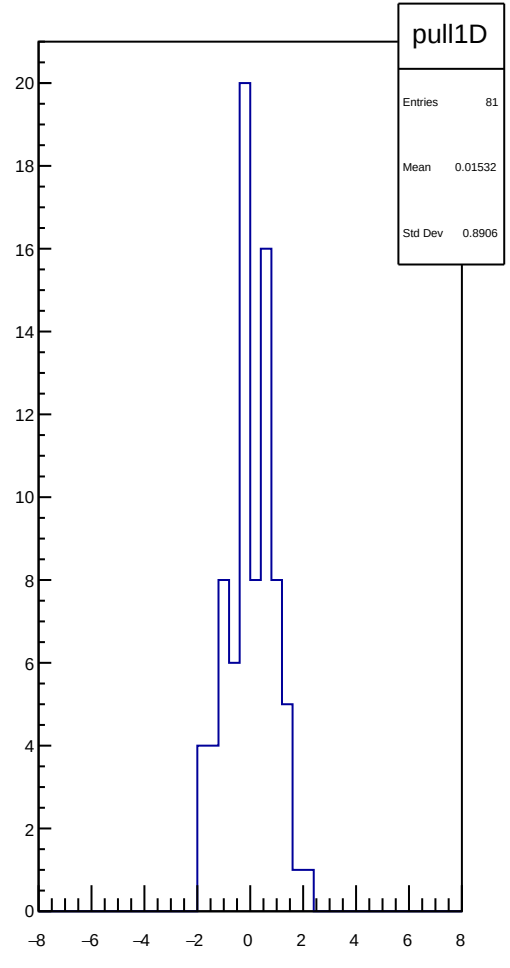

asym_sam_1357_2468_dd_rms vs run
χ² / ndf 7788 / 80
p0 148.5 ± 0.1196
190
180
170
160
150
140
130

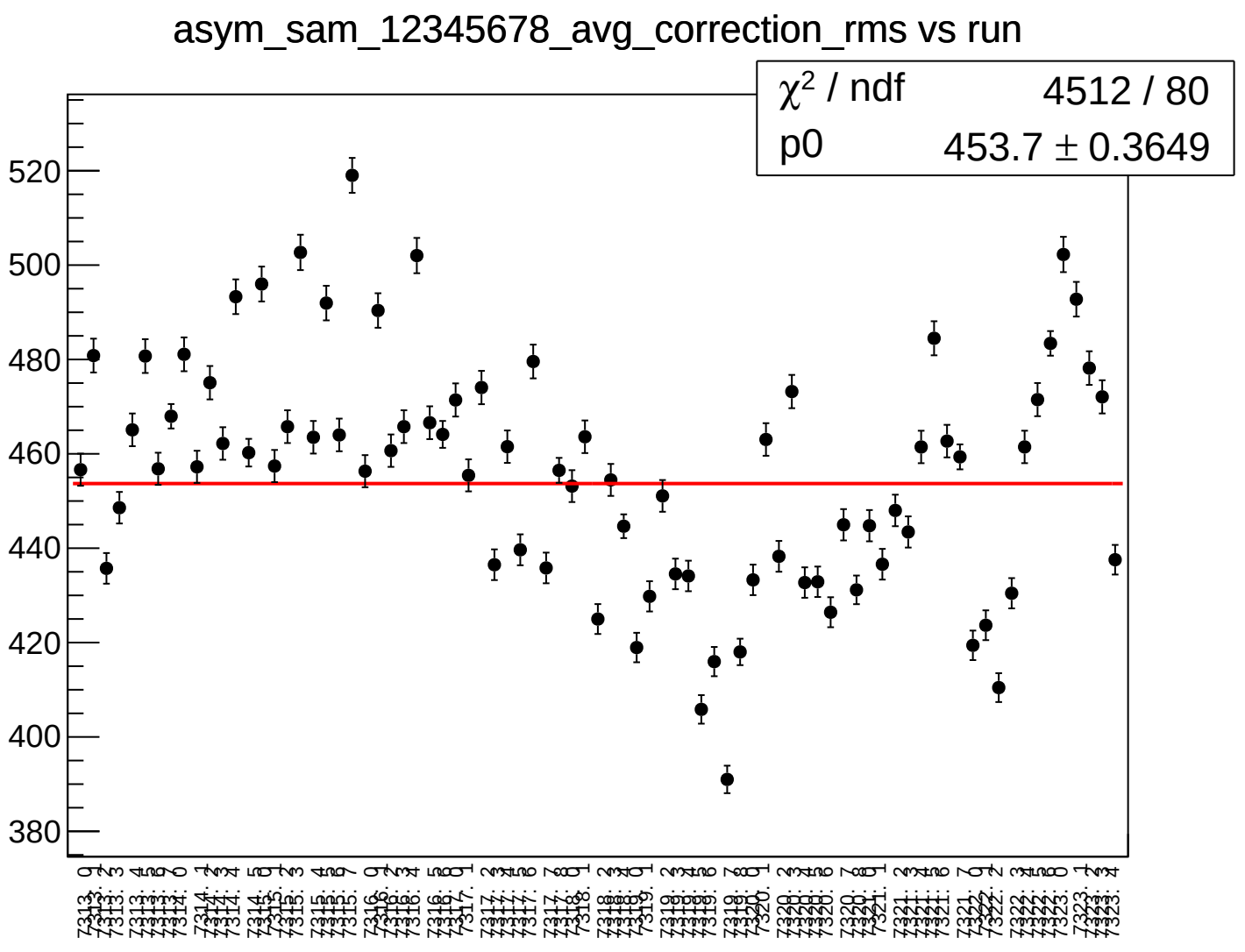

dit_asym_sam_12345678_avg_mean vs run
χ² / ndf 84.95 / 80
p0 34.3 ± 81.94
pull
Entries 81
Mean −15.19
Std Dev 39.33

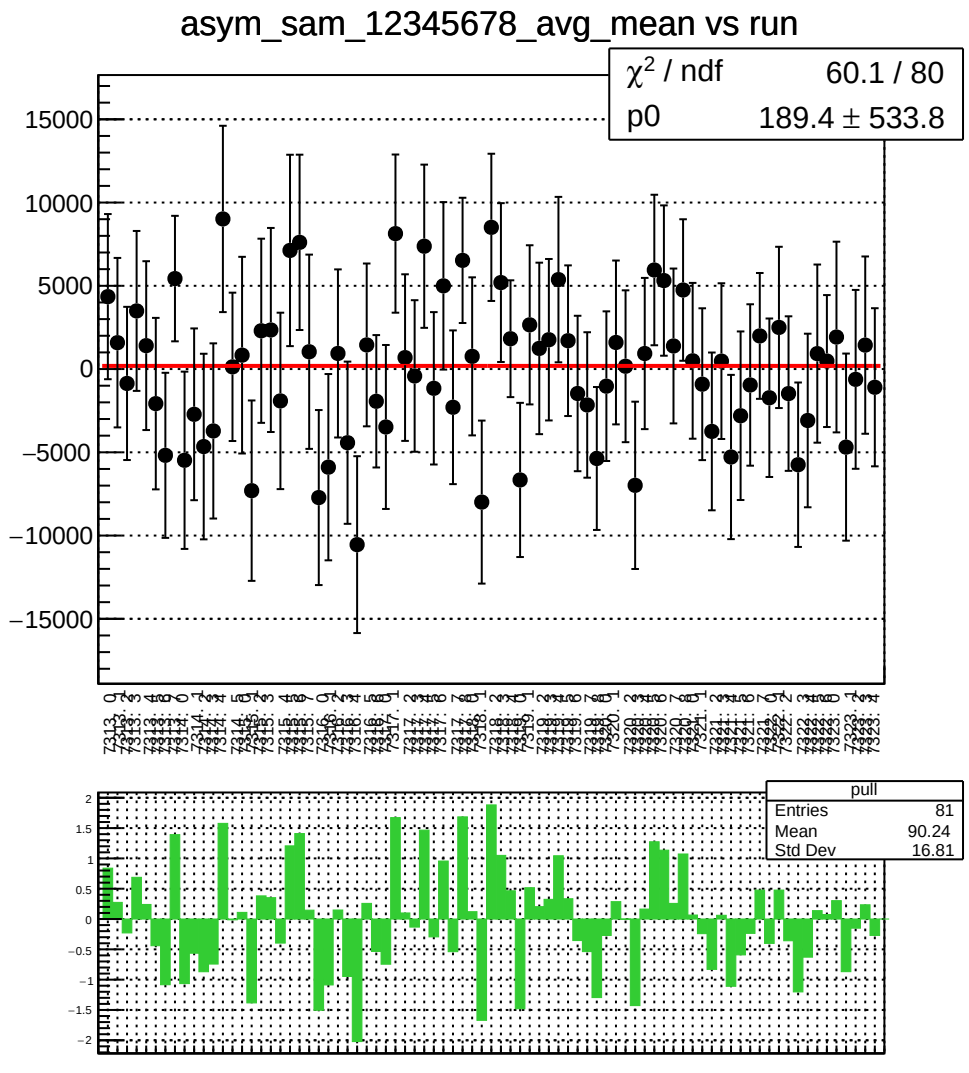

pull1D
Entries 81
Mean 0.04288
Std Dev 1.023

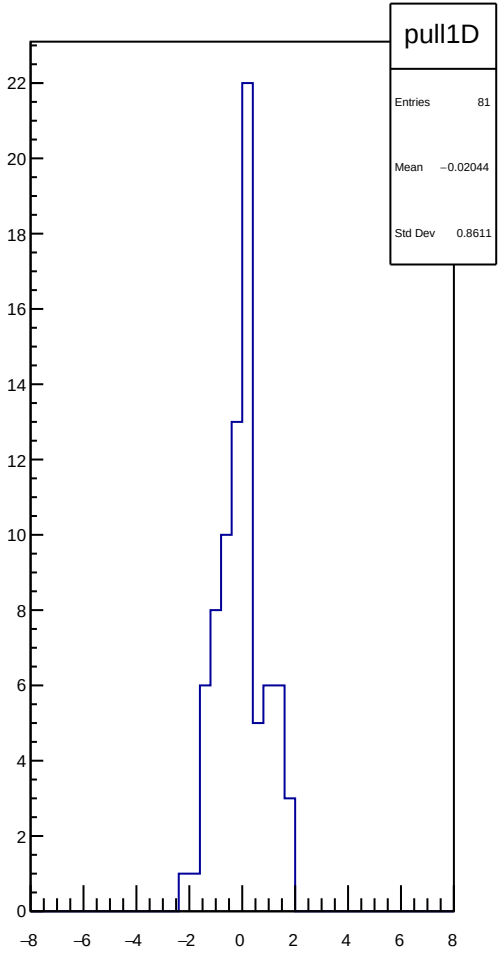

dit_asym_sam_12345678_avg_rms vs run
χ² / ndf 1.293e+05 / 80
p0 69.08 ± 0.05794
180
160
140
120
100
80
60

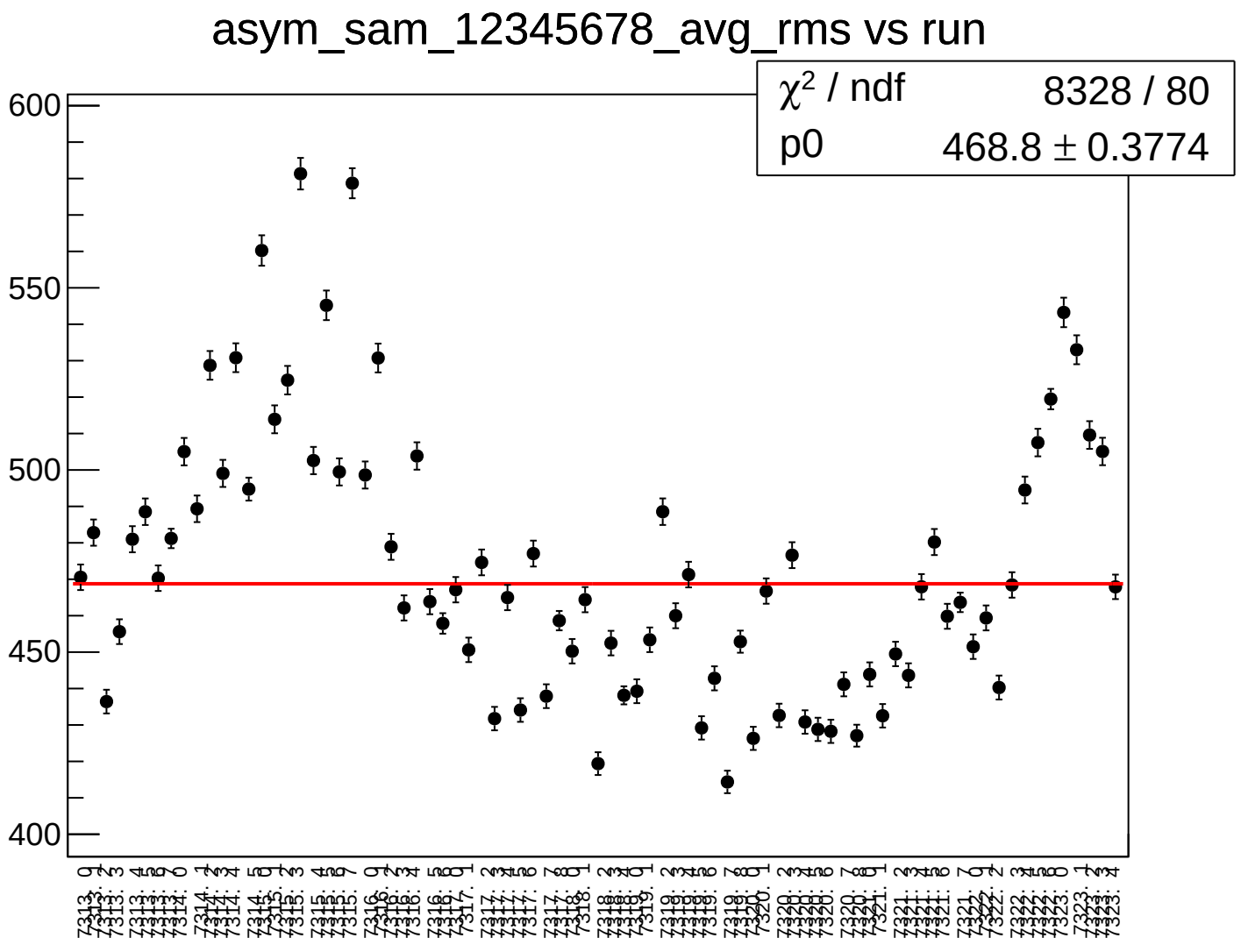

asym_sam_12345678_avg_correction_mean vs run
χ² / ndf 64.26 / 80
p0 4.626 ± 516
pull
Entries 81
Mean 74.41
Std Dev 48.59

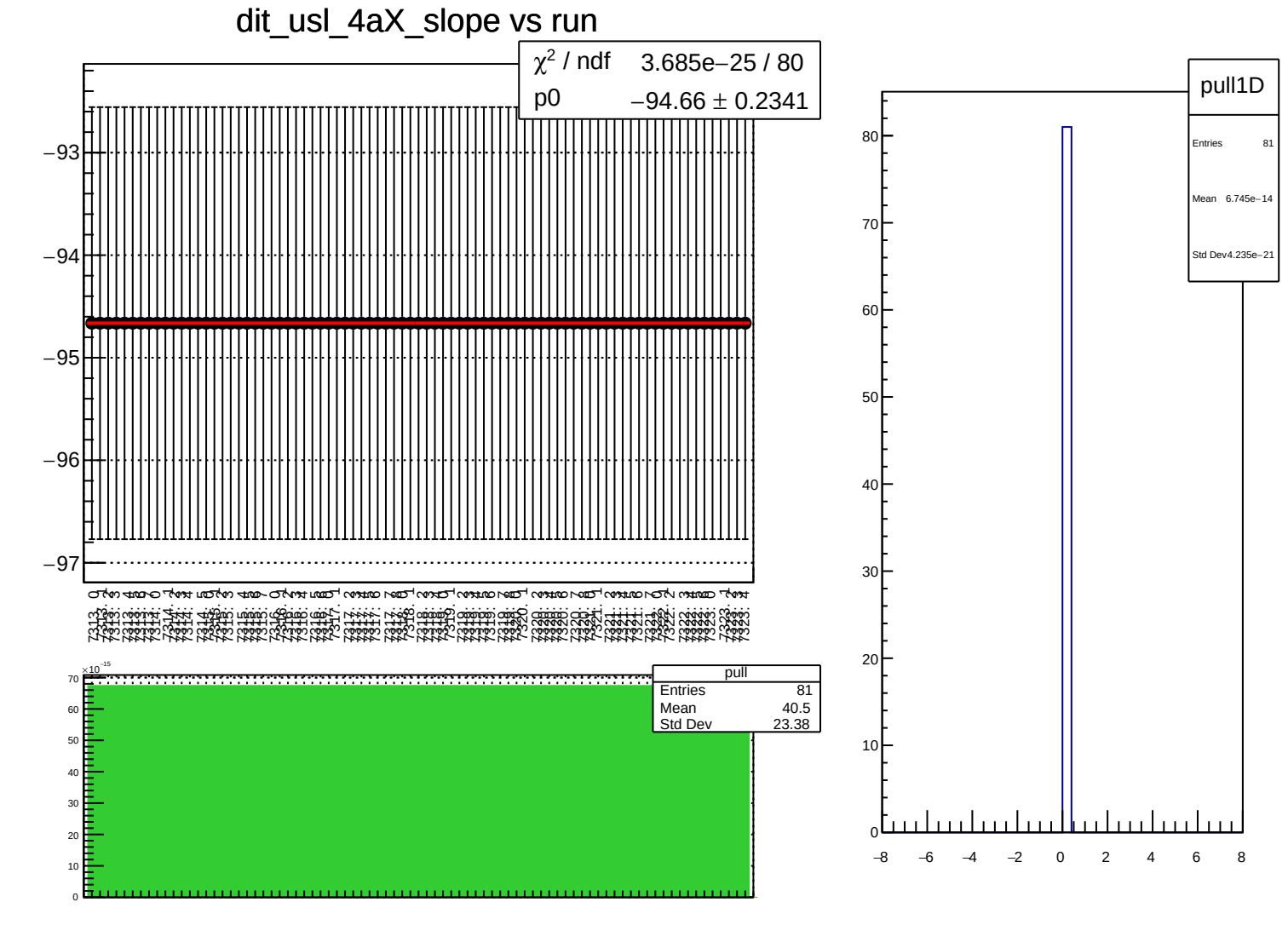

pull1D
Entries 81
Mean 0.01532
Std Dev 0.8906

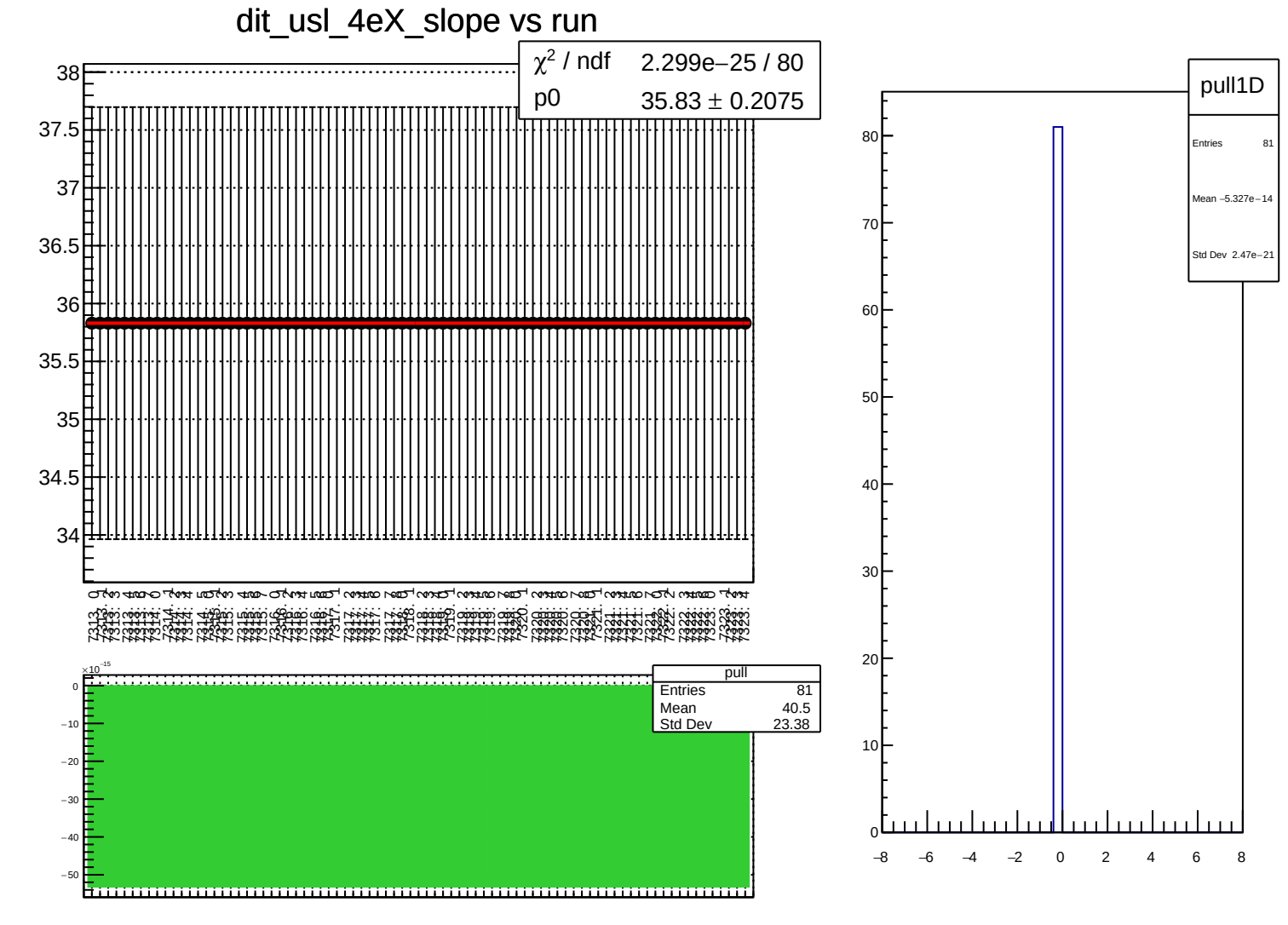

asym_sam_12345678_avg_correction_rms vs run
χ² / ndf 4512 / 80
p0 453.7 ± 0.3649
520
500
480
460
440
420
400
380

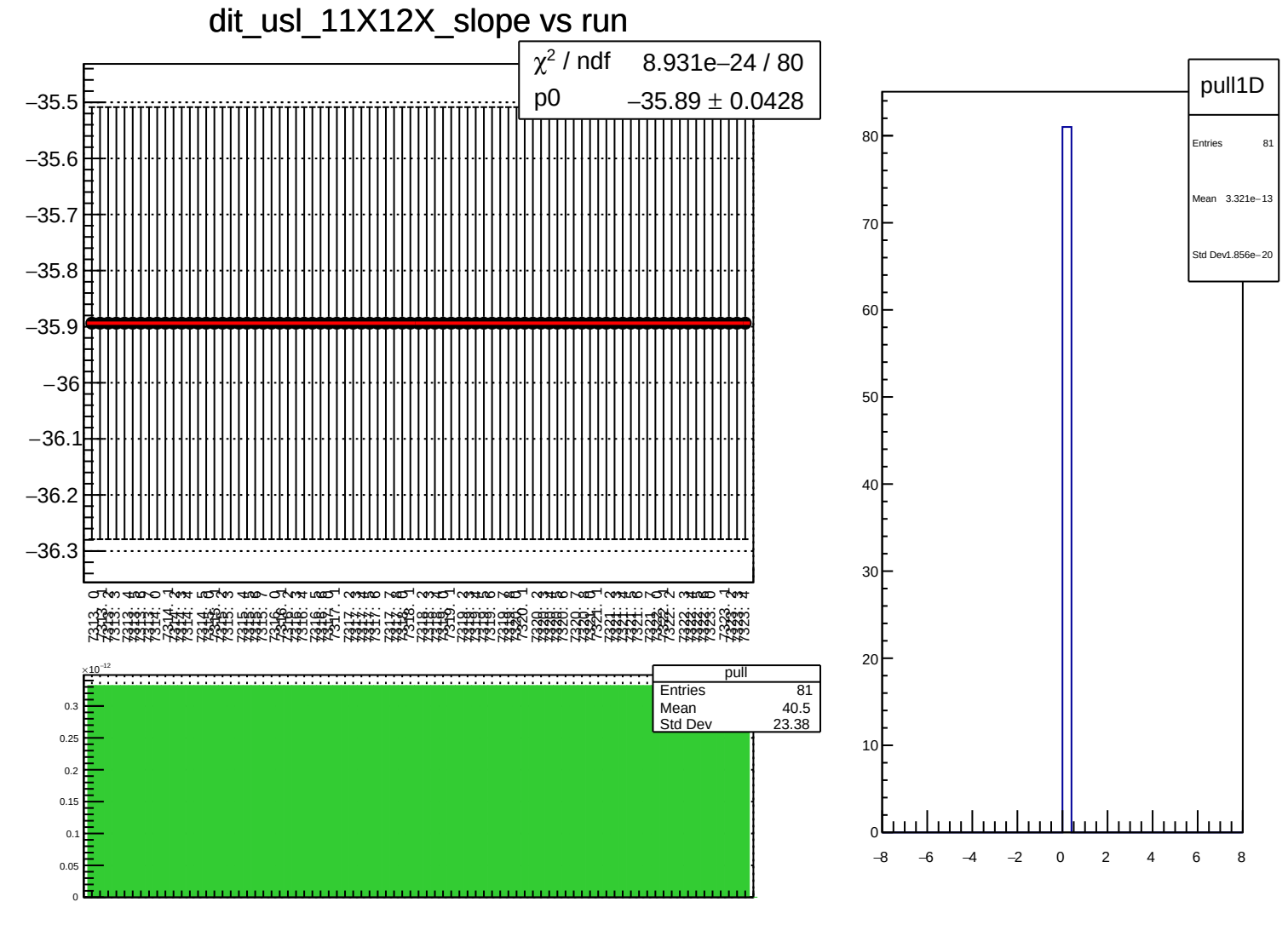

asym_sam_12345678_avg_mean vs run
χ² / ndf 60.1 / 80
p0 189.4 ± 533.8
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 81
Mean 90.24
Std Dev 16.81
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

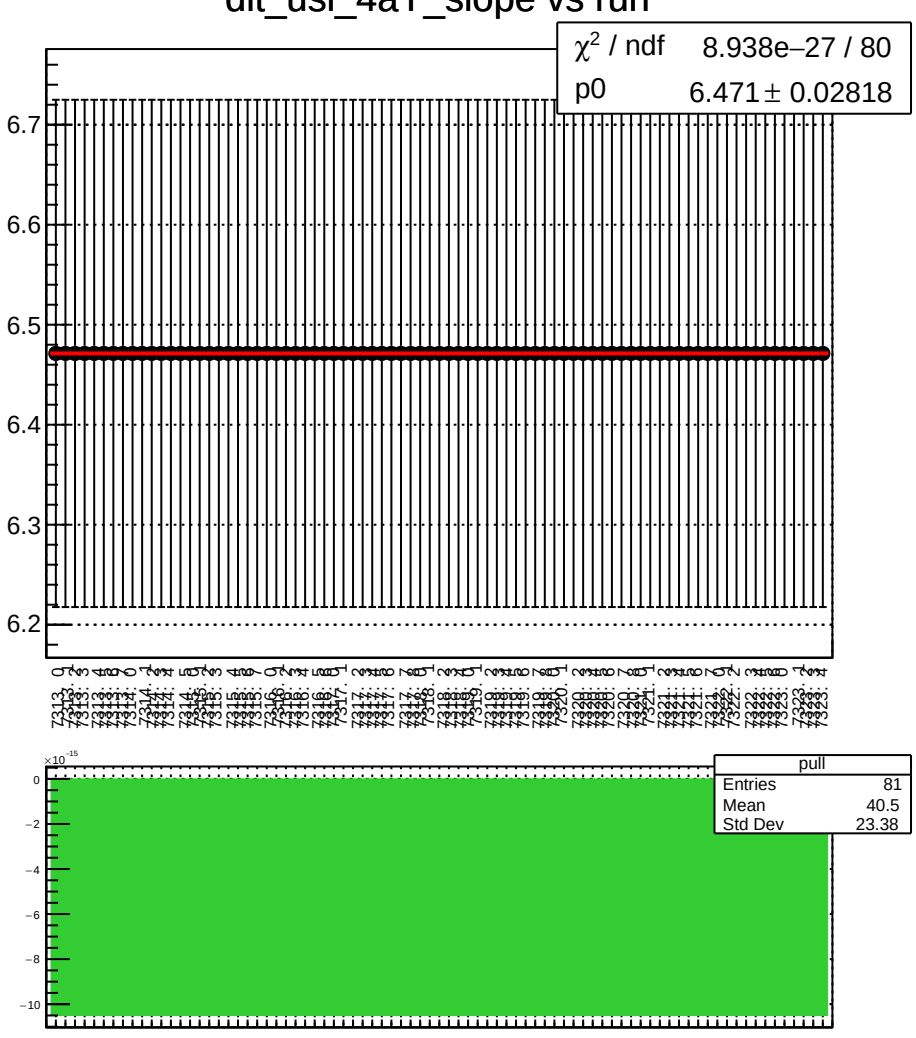

pull1D
Entries 81
Mean −0.02044
Std Dev 0.8611
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

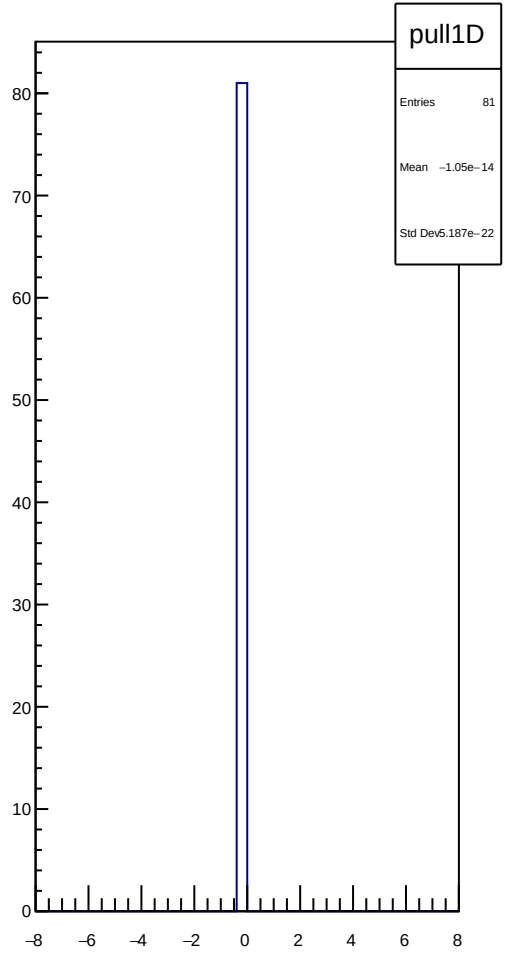

asym_sam_12345678_avg_rms vs run
χ² / ndf 8328 / 80
p0 468.8 ± 0.3774
600
550
500
450
400

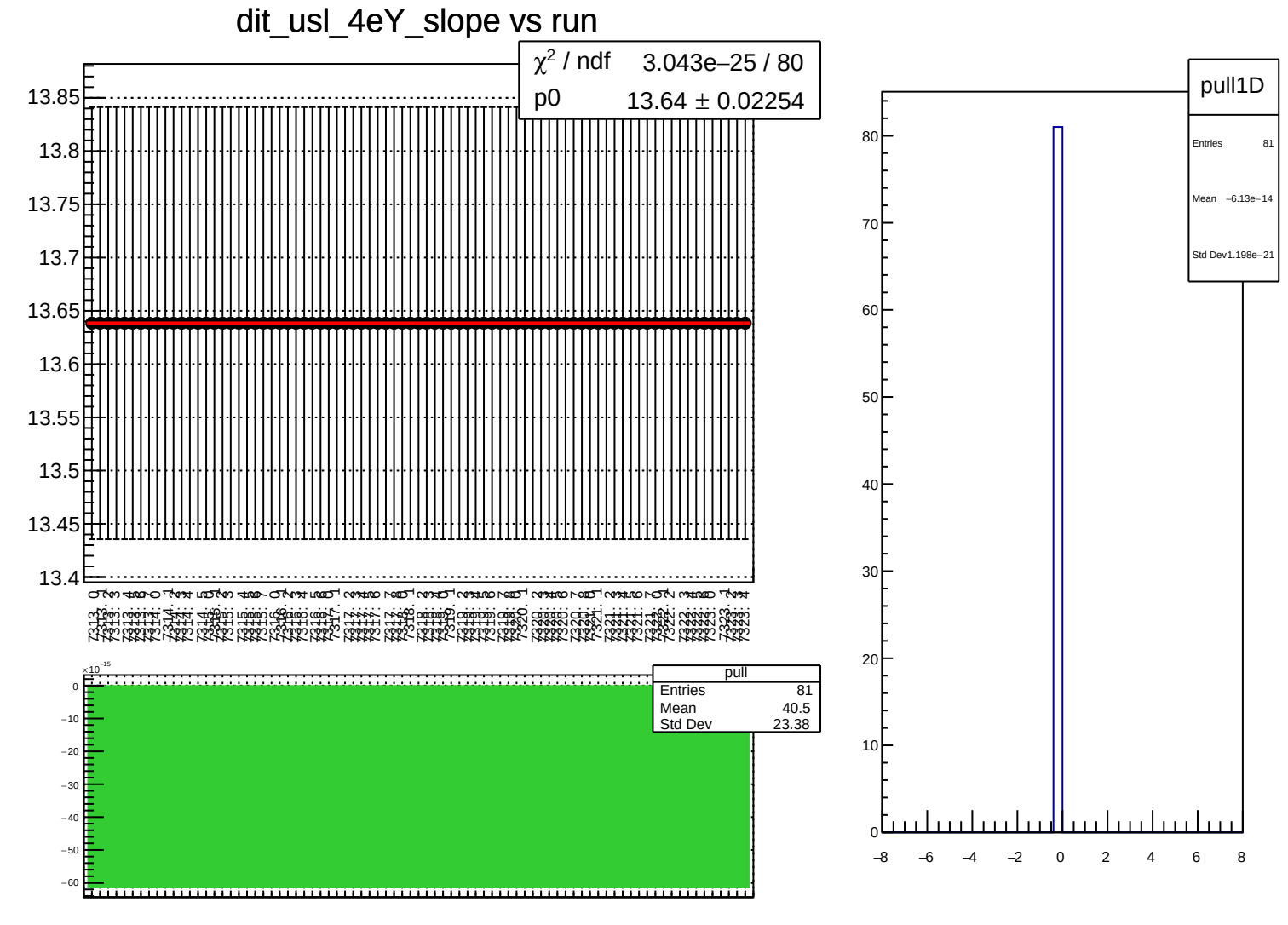

dit_usl_4aX_slope vs run
χ² / ndf 3.685e−25 / 80
p0 −94.66 ± 0.2341
−93
−94
−95
−96
−97
pull
Entries 81
Mean 40.5
Std Dev 23.38
pull1D
Entries 81
Mean 6.745e−14
Std Dev4.235e−21

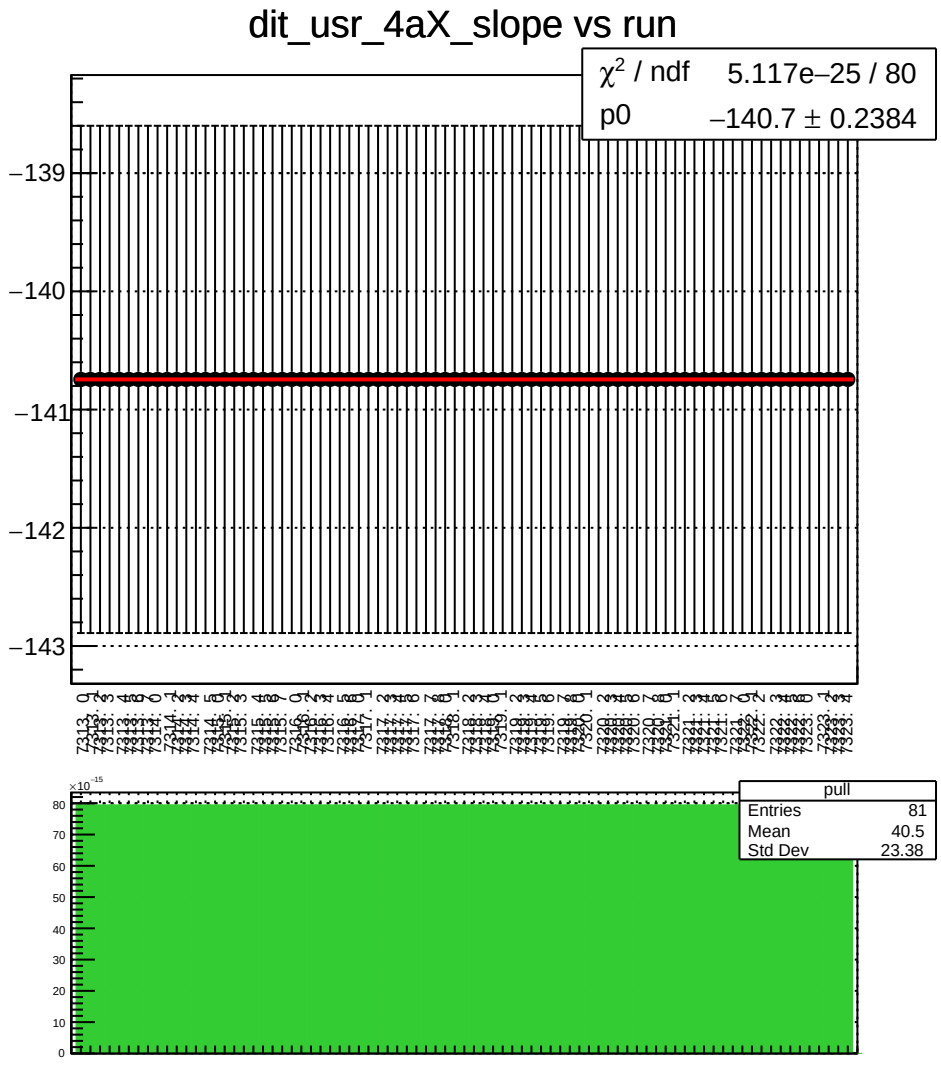

dit_usl_4eX_slope vs run
χ² / ndf 2.299e−25 / 80
p0 35.83 ± 0.2075
pull
Entries 81
Mean 40.5
Std Dev 23.38
pull1D
Entries 81
Mean −5.327e−14
Std Dev 2.47e−21

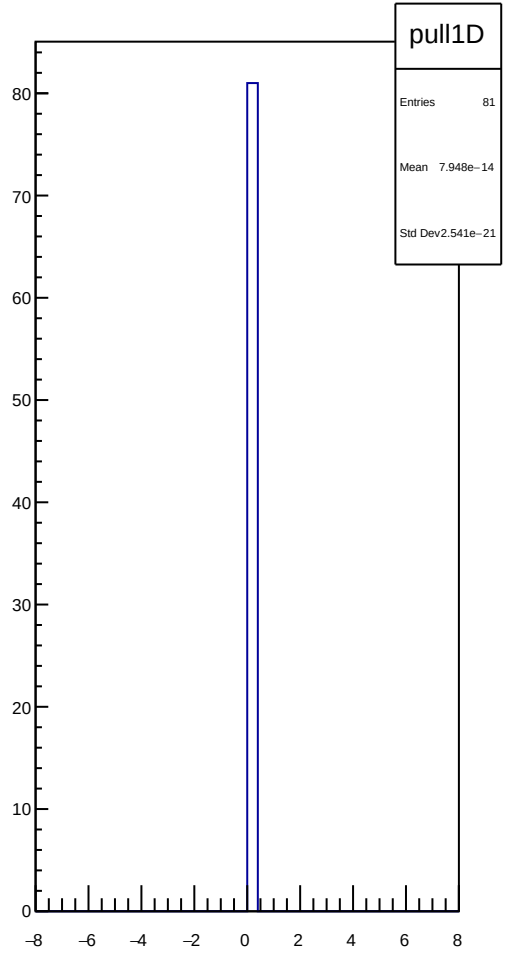

dit_usl_11X12X_slope vs run
χ² / ndf 8.931e−24 / 80
p0 −35.89 ± 0.0428
−35.5
−35.6
−35.7
−35.8
−35.9
−36
−36.1
−36.2
−36.3
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0.3
0.25
0.2
0.15
0.1
0.05
0
pull1D
Entries 81
Mean 3.321e−13
Std Dev1.856e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

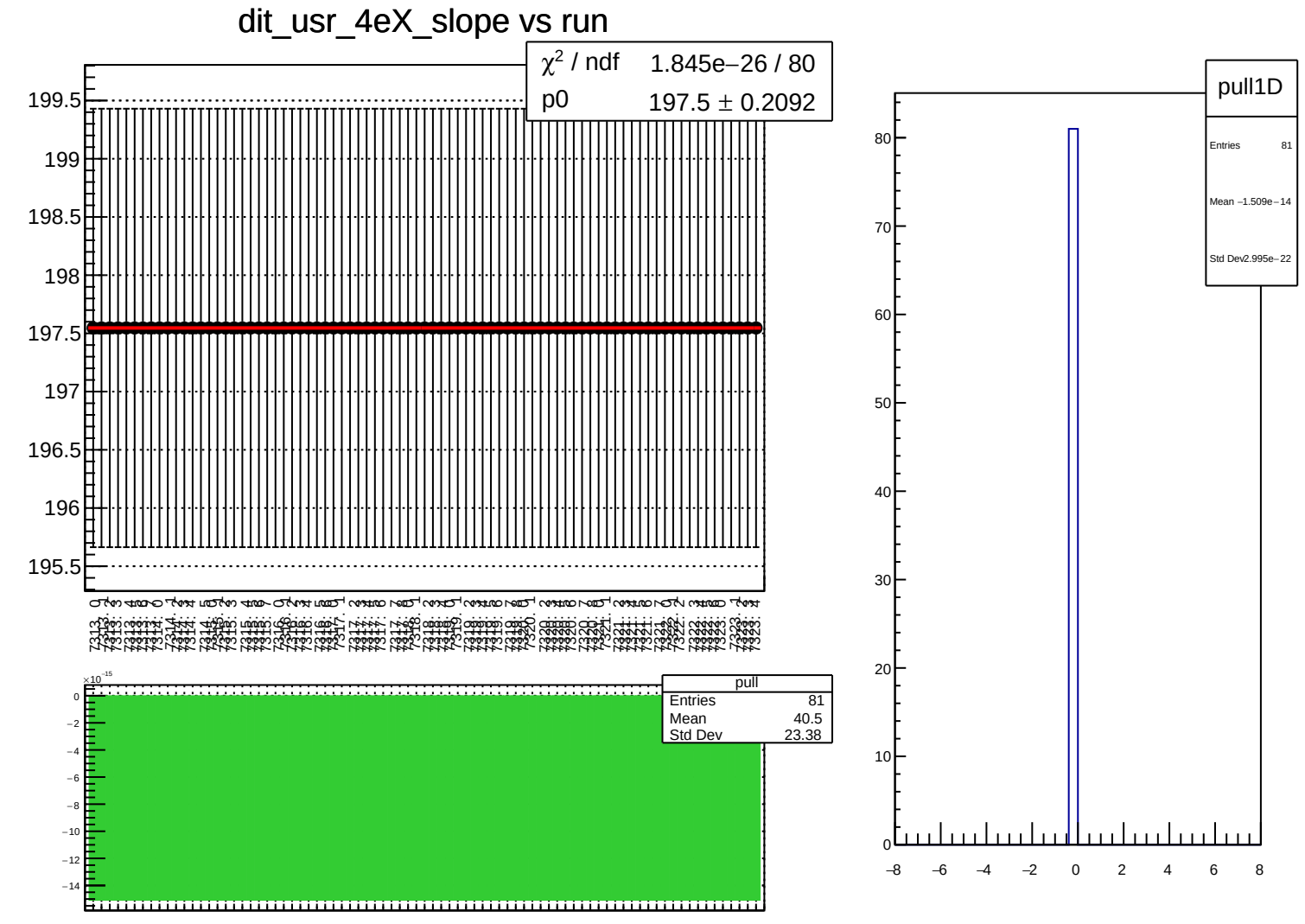

dit_usl_4aY_slope vs run
χ² / ndf 8.938e−27 / 80
p0 6.471 ± 0.02818
6.7
6.6
6.5
6.4
6.3
6.2
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−2
−4
−6
−8
−10

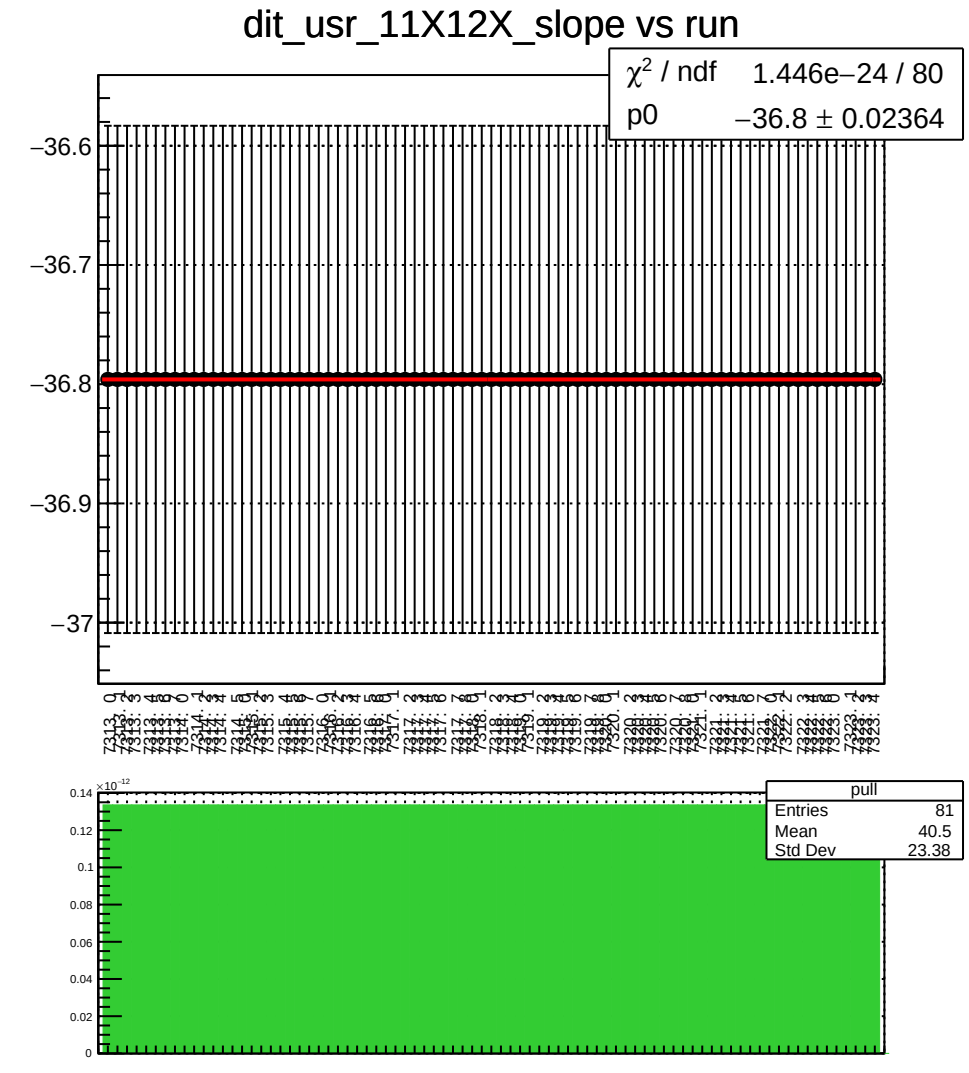

pull1D
Entries 81
Mean −1.05e−14
Std Dev 5.187e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

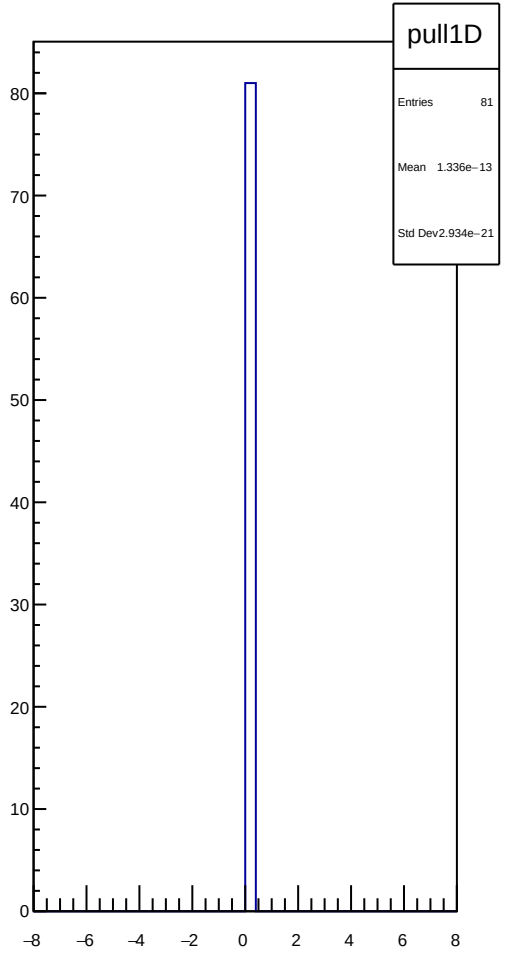

dit_usl_4eY_slope vs run
χ² / ndf 3.043e−25 / 80
p0 13.64 ± 0.02254
13.85
13.8
13.75
13.7
13.65
13.6
13.55
13.5
13.45
13.4
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−10
−20
−30
−40
−50
−60
pull1D
Entries 81
Mean −6.13e−14
Std Dev1.198e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

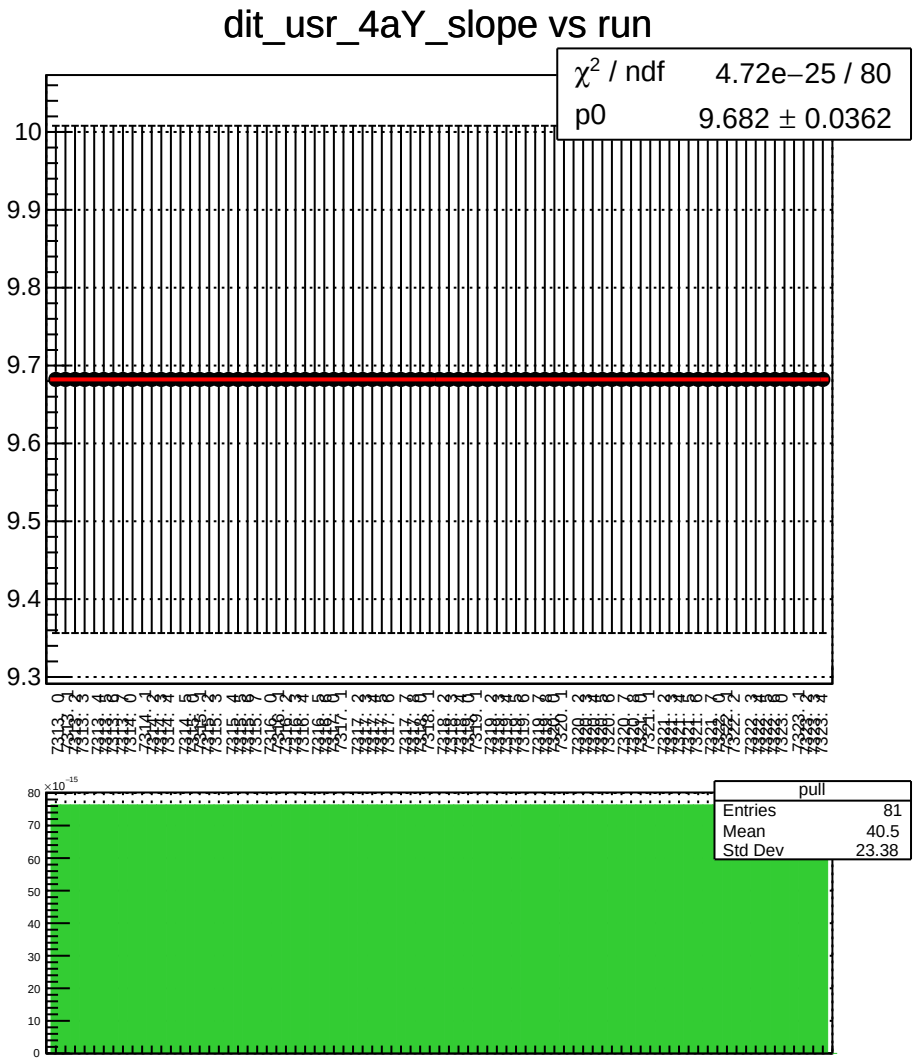

dit_usr_4aX_slope vs run
χ² / ndf 5.117e−25 / 80
p0 −140.7 ± 0.2384
−139
−140
−141
−142
−143
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
80
70
60
50
40
30
20
10
0

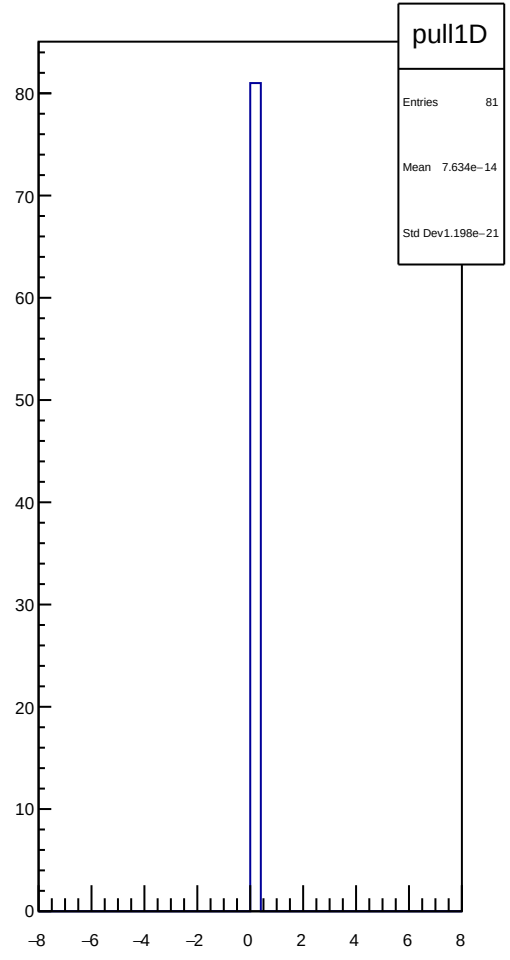

pull1D
Entries 81
Mean 7.948e−14
Std Dev2.541e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

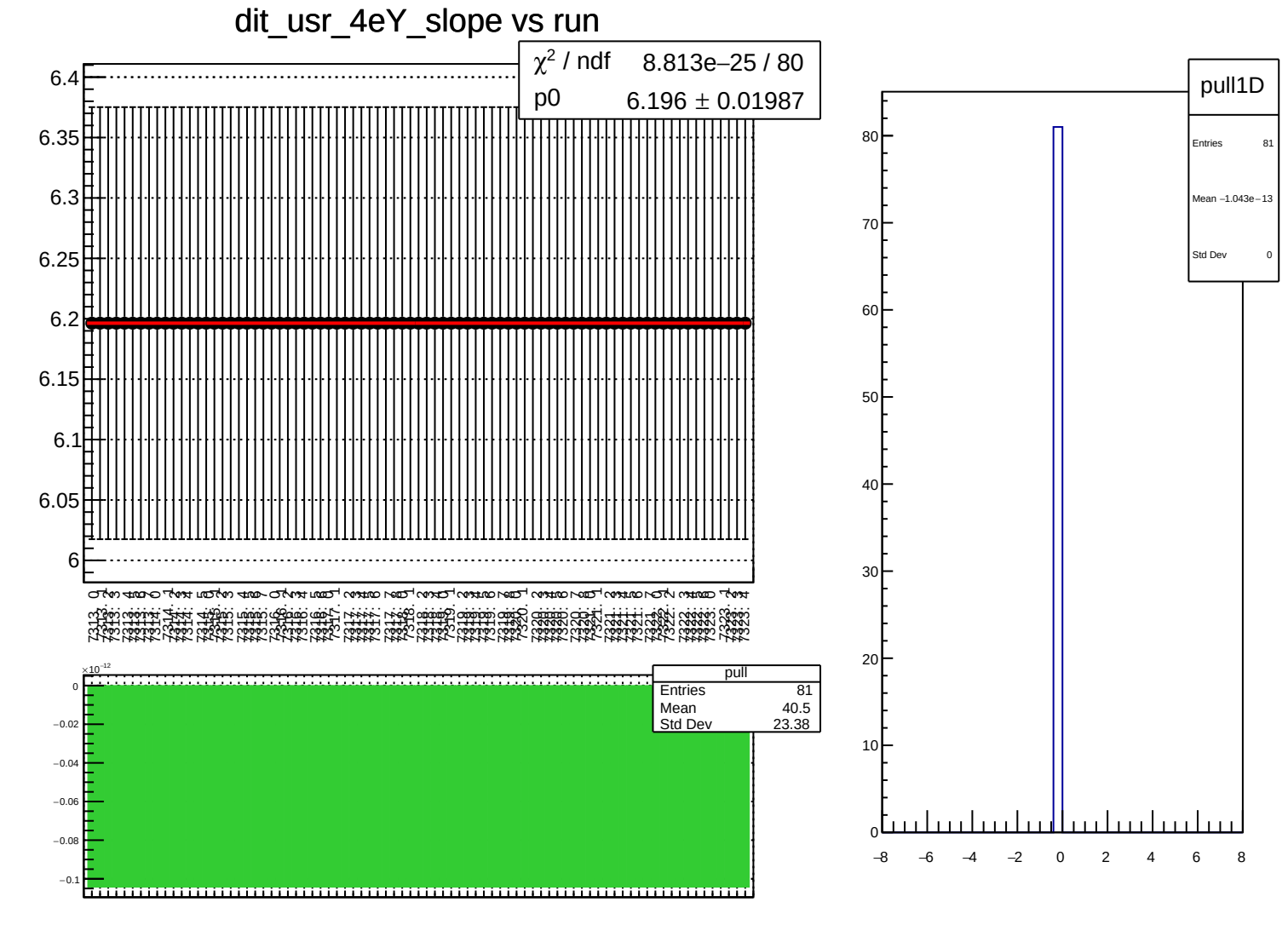

dit_usr_4eX_slope vs run
χ² / ndf 1.845e−26 / 80
p0 197.5 ± 0.2092
199.5
199
198.5
198
197.5
197
196.5
196
195.5
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
−14
pull1D
Entries 81
Mean −1.509e−14
Std Dev 2.995e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

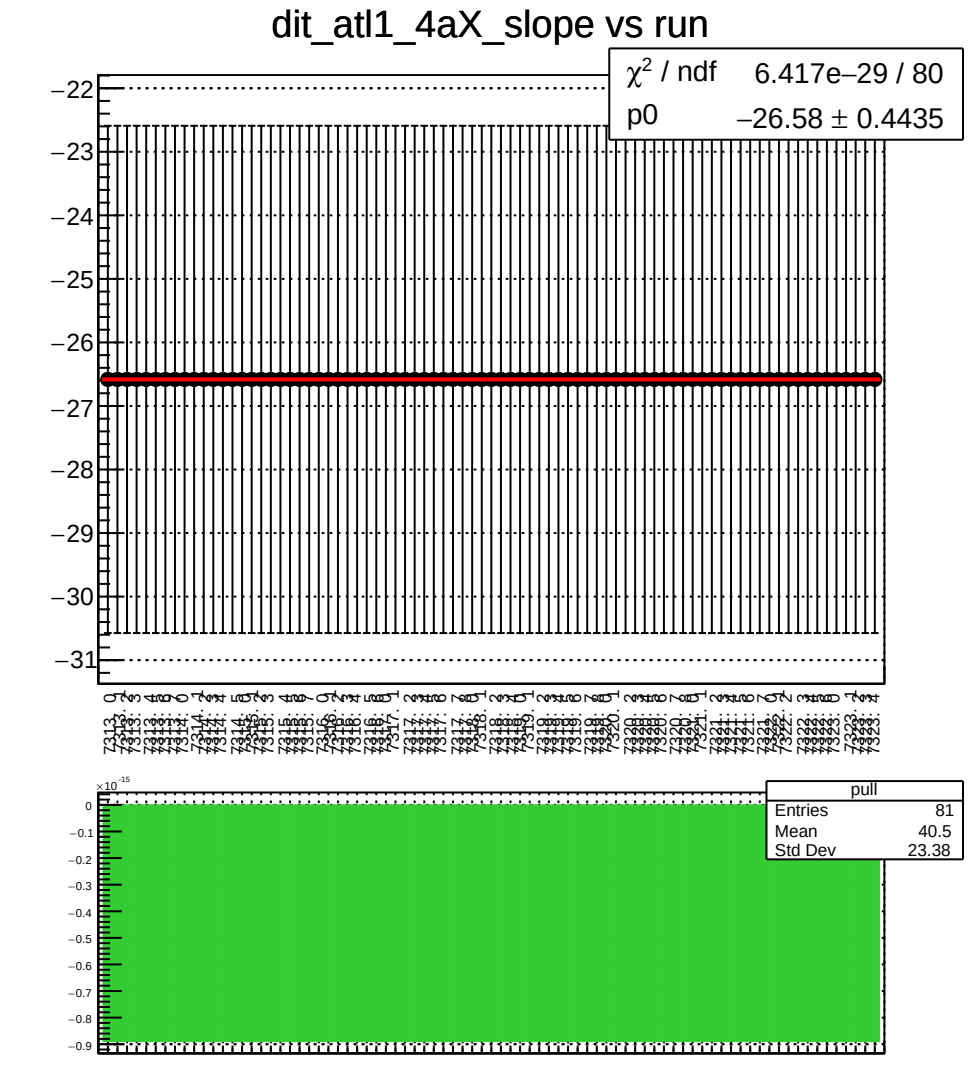

dit_usr_11X12X_slope vs run
χ² / ndf 1.446e−24 / 80
p0 −36.8 ± 0.02364
−36.6
−36.7
−36.8
−36.9
−37
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0

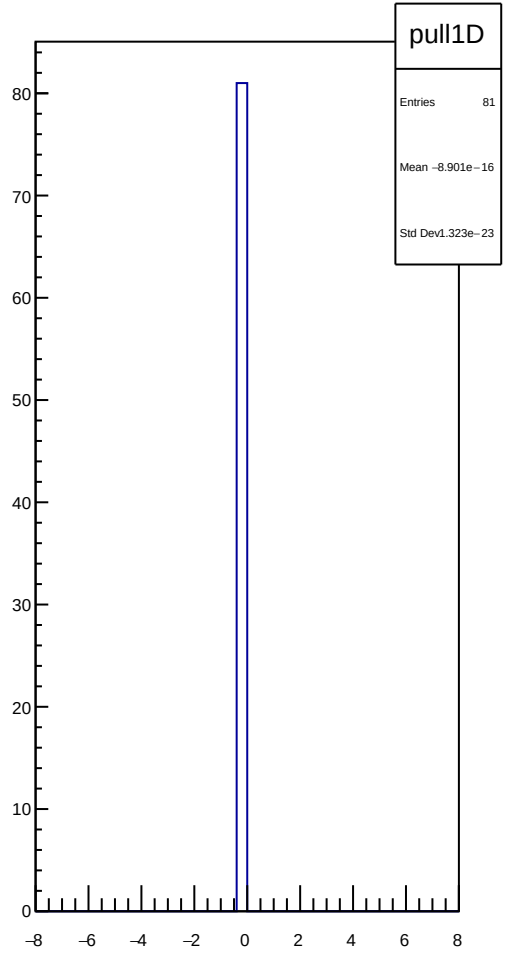

pull1D
Entries 81
Mean 1.336e−13
Std Dev2.934e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

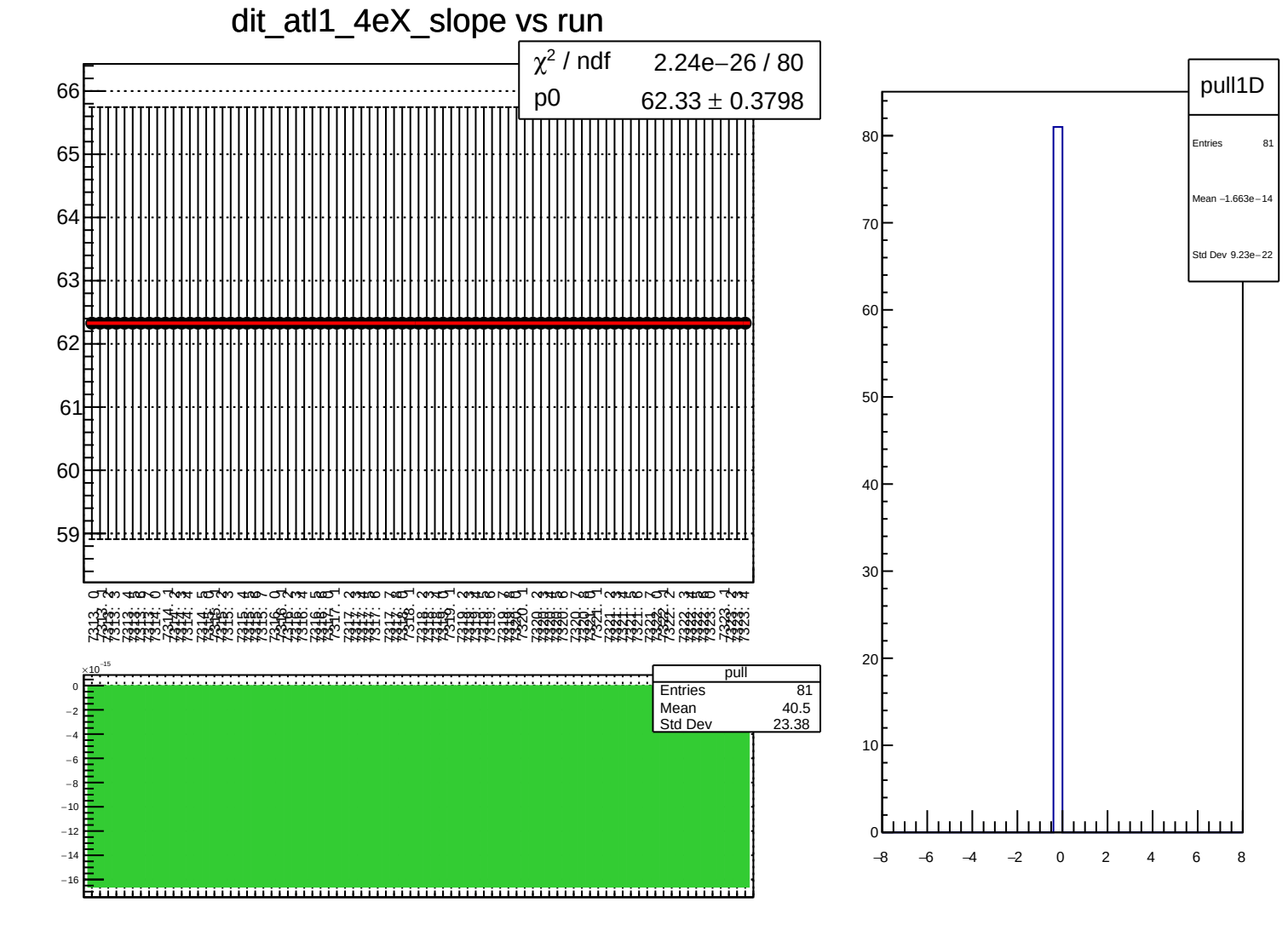

dit_usr_4aY_slope vs run
χ² / ndf 4.72e−25 / 80
p0 9.682 ± 0.0362
pull
Entries 81
Mean 40.5
Std Dev 23.38

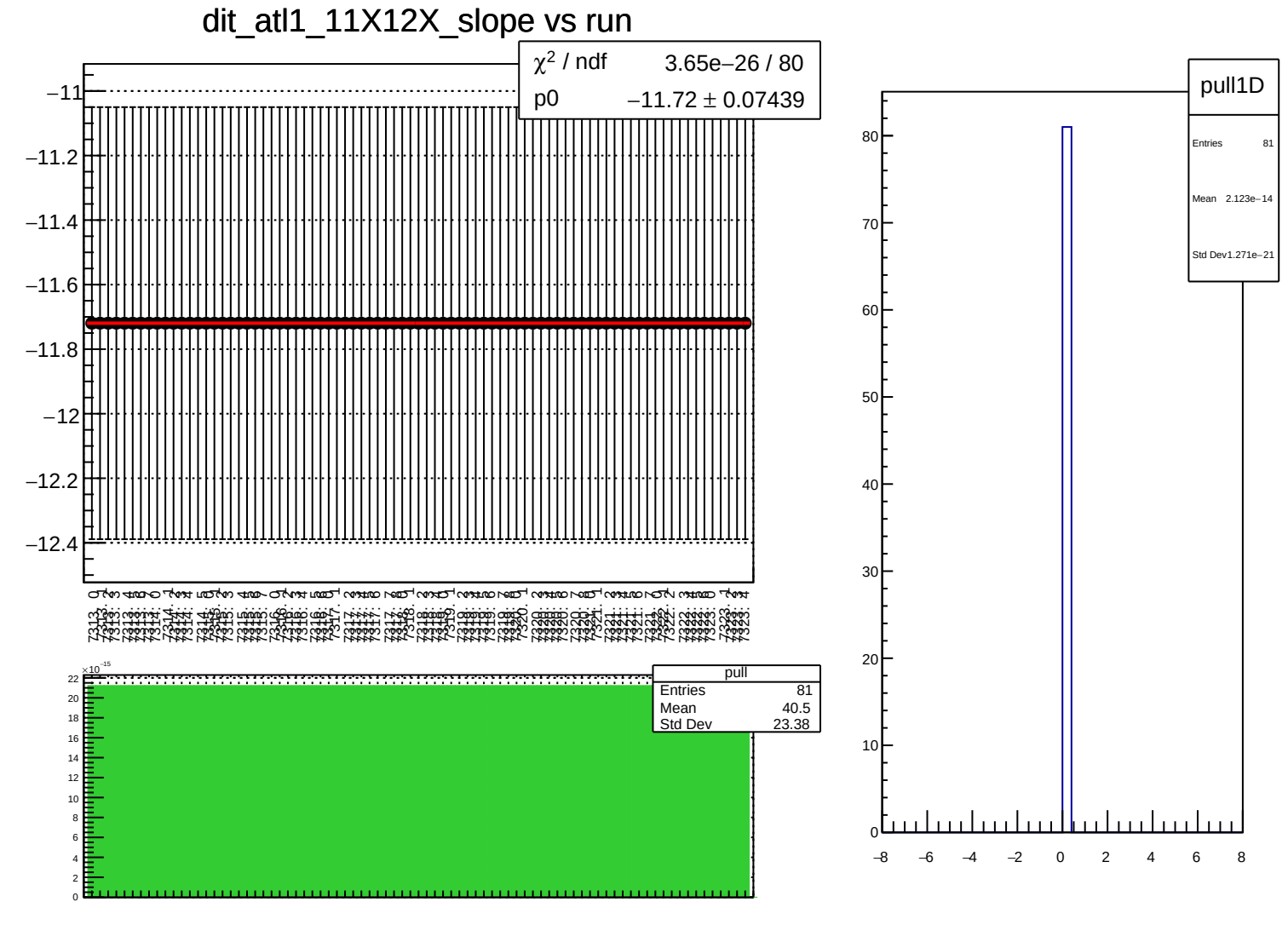

pull1D
Entries 81
Mean 7.634e−14
Std Dev1.198e−21

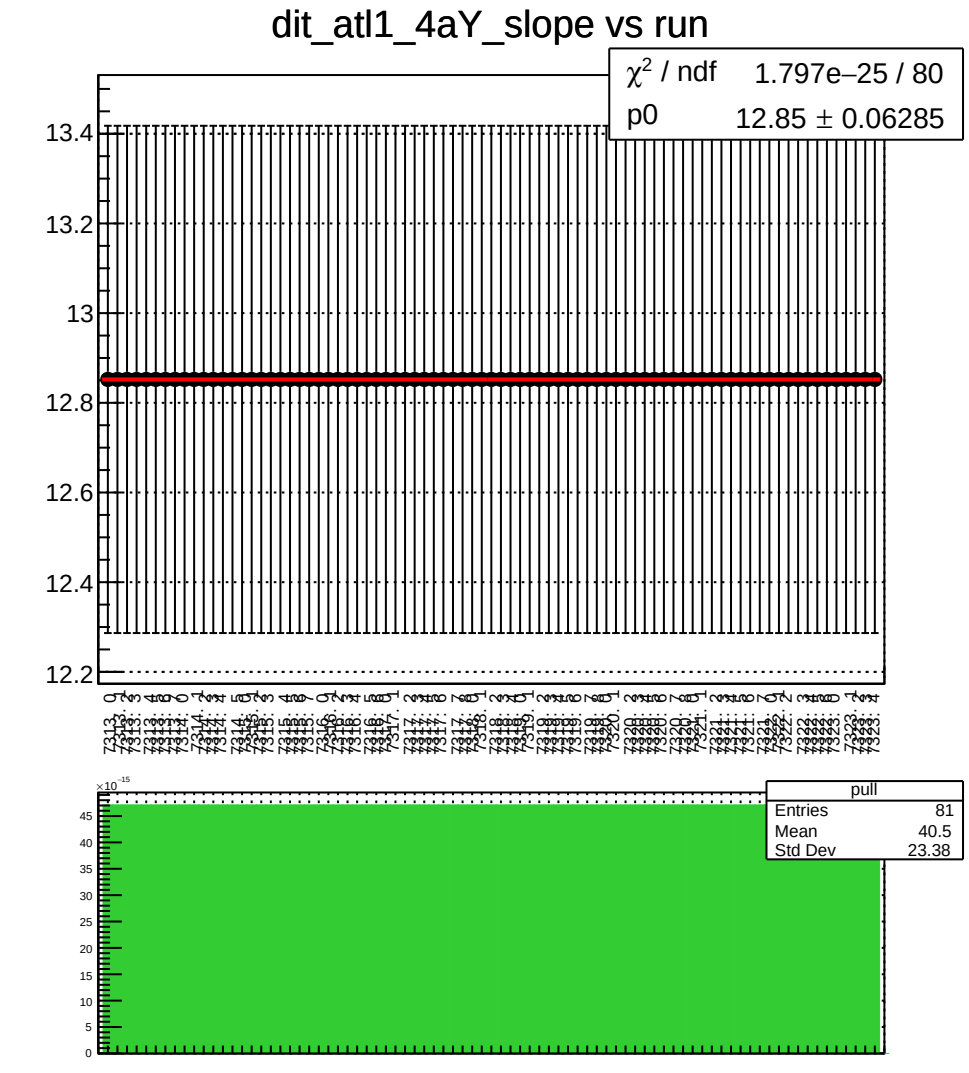

dit_usr_4eY_slope vs run
χ² / ndf 8.813e−25 / 80
p0 6.196 ± 0.01987
pull
Entries 81
Mean 40.5
Std Dev 23.38
pull1D
Entries 81
Mean −1.043e−13
Std Dev 0

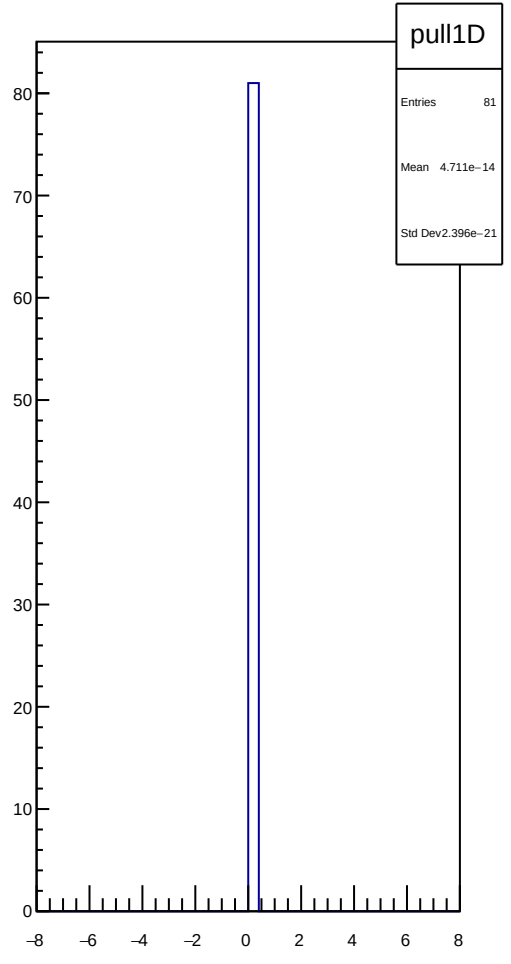

dit_atl1_4aX_slope vs run
χ² / ndf 6.417e−29 / 80
p0 −26.58 ± 0.4435
pull
Entries 81
Mean 40.5
Std Dev 23.38

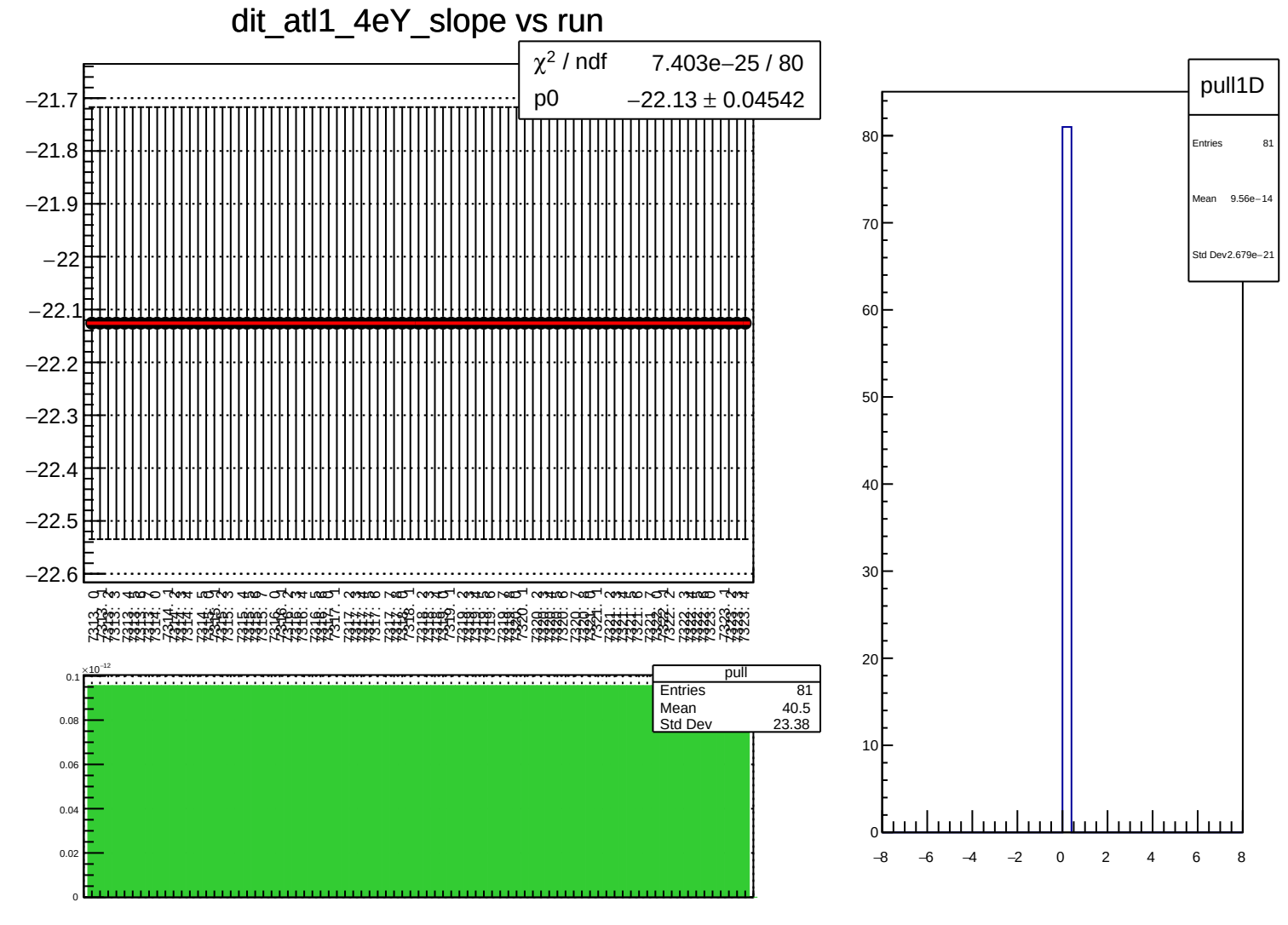

pull1D
Entries 81
Mean −8.901e−16
Std Dev1.323e−23

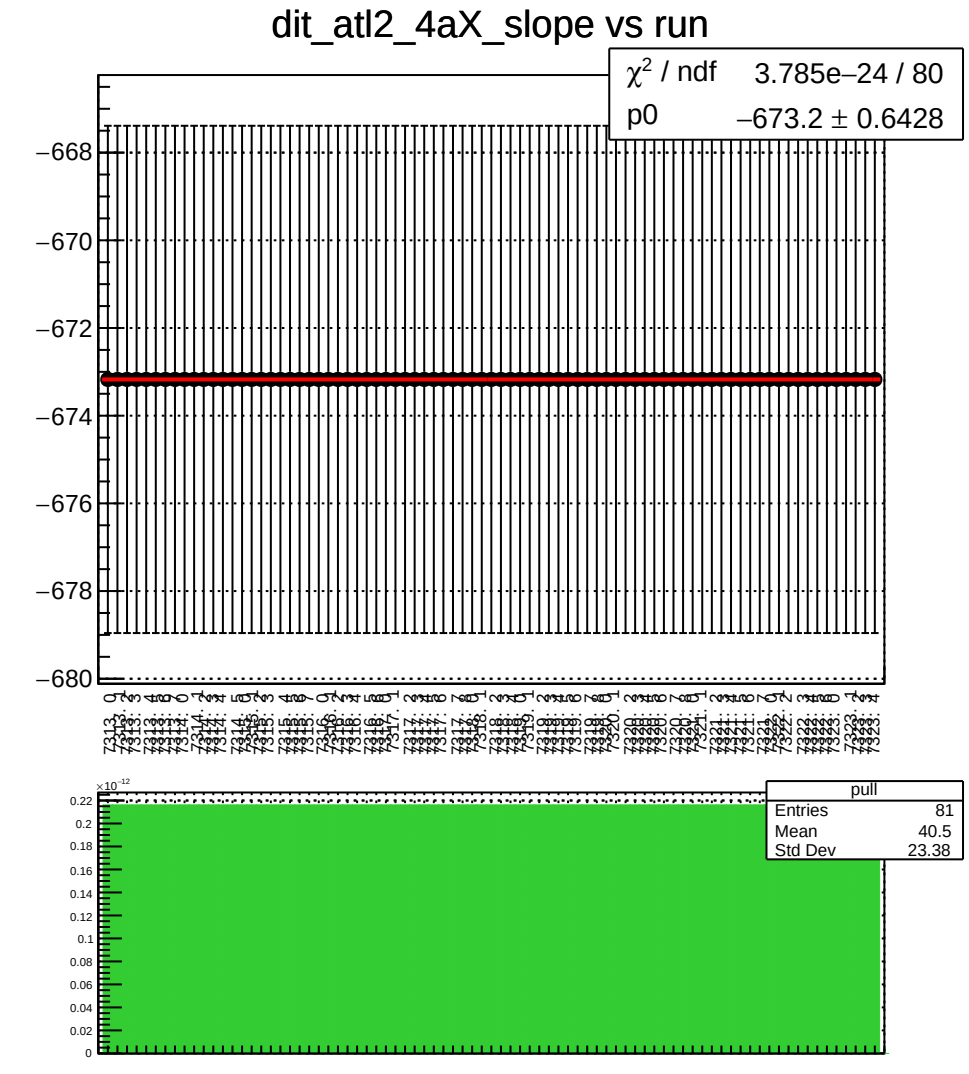

dit_atl1_4eX_slope vs run
χ² / ndf 2.24e−26 / 80
p0 62.33 ± 0.3798
pull
Entries 81
Mean 40.5
Std Dev 23.38
pull1D
Entries 81
Mean −1.663e−14
Std Dev 9.23e−22

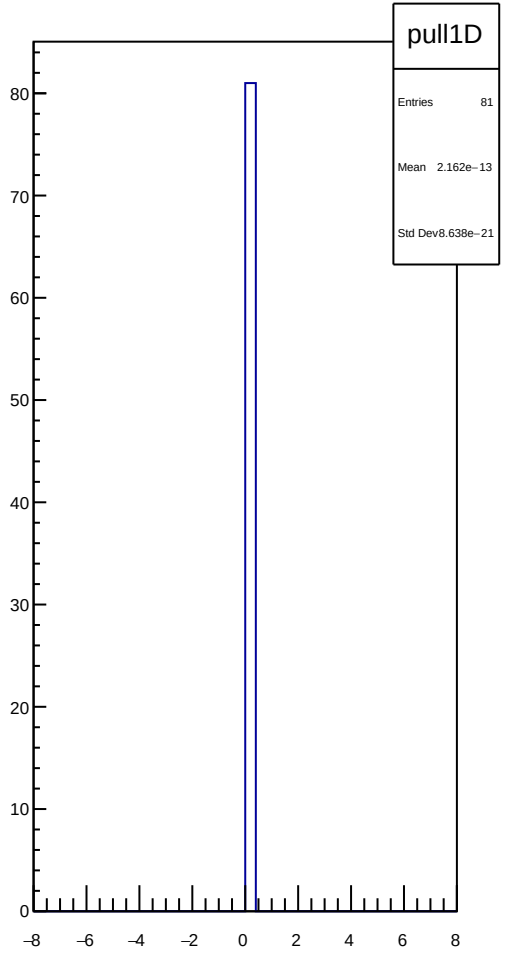

dit_atl1_11X12X_slope vs run
χ² / ndf 3.65e−26 / 80
p0 −11.72 ± 0.07439
pull
Entries 81
Mean 40.5
Std Dev 23.38
pull1D
Entries 81
Mean 2.123e−14
Std Dev1.271e−21

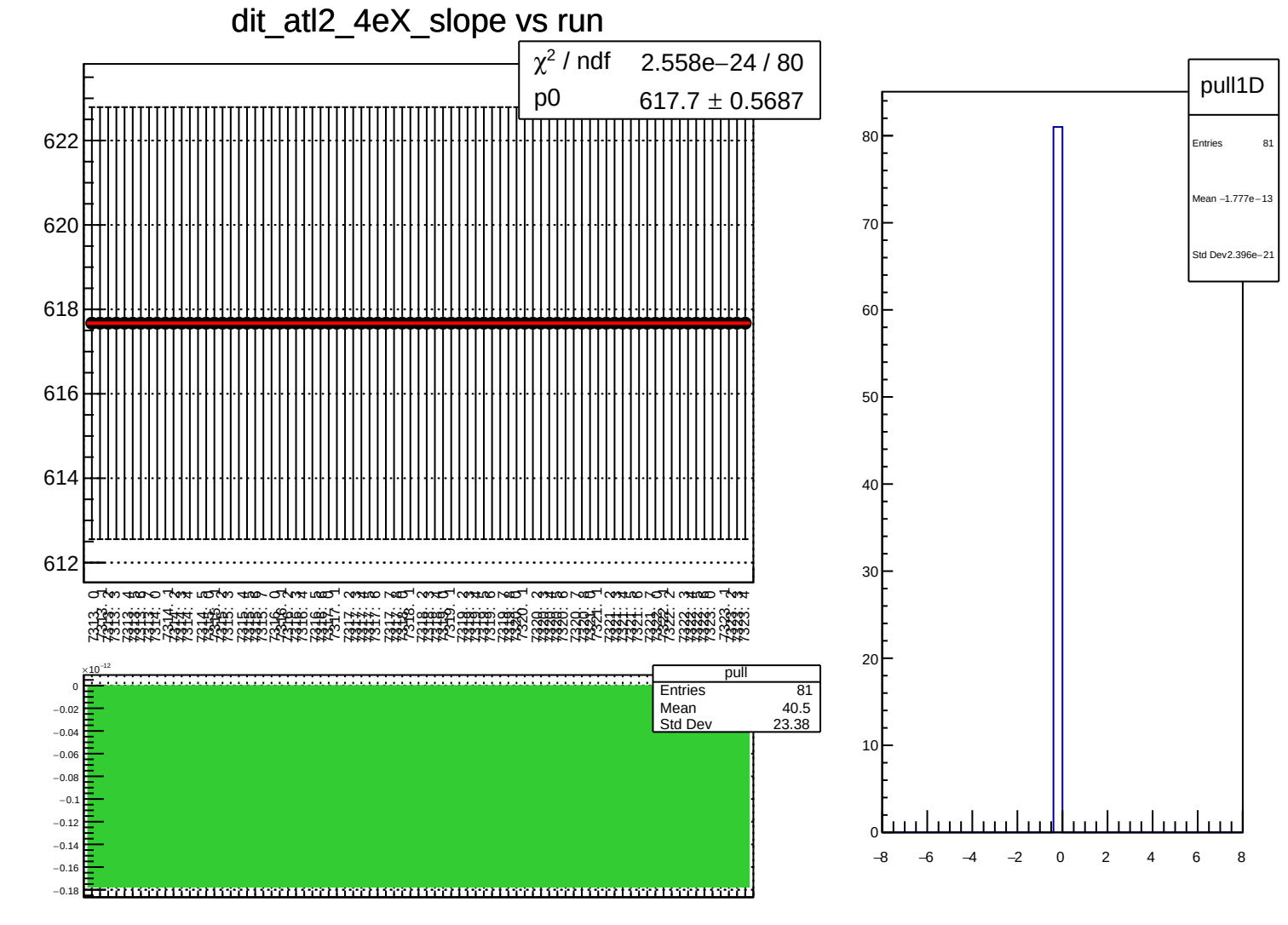

dit_atl1_4aY_slope vs run
χ² / ndf 1.797e−25 / 80
p0 12.85 ± 0.06285
pull
Entries 81
Mean 40.5
Std Dev 23.38

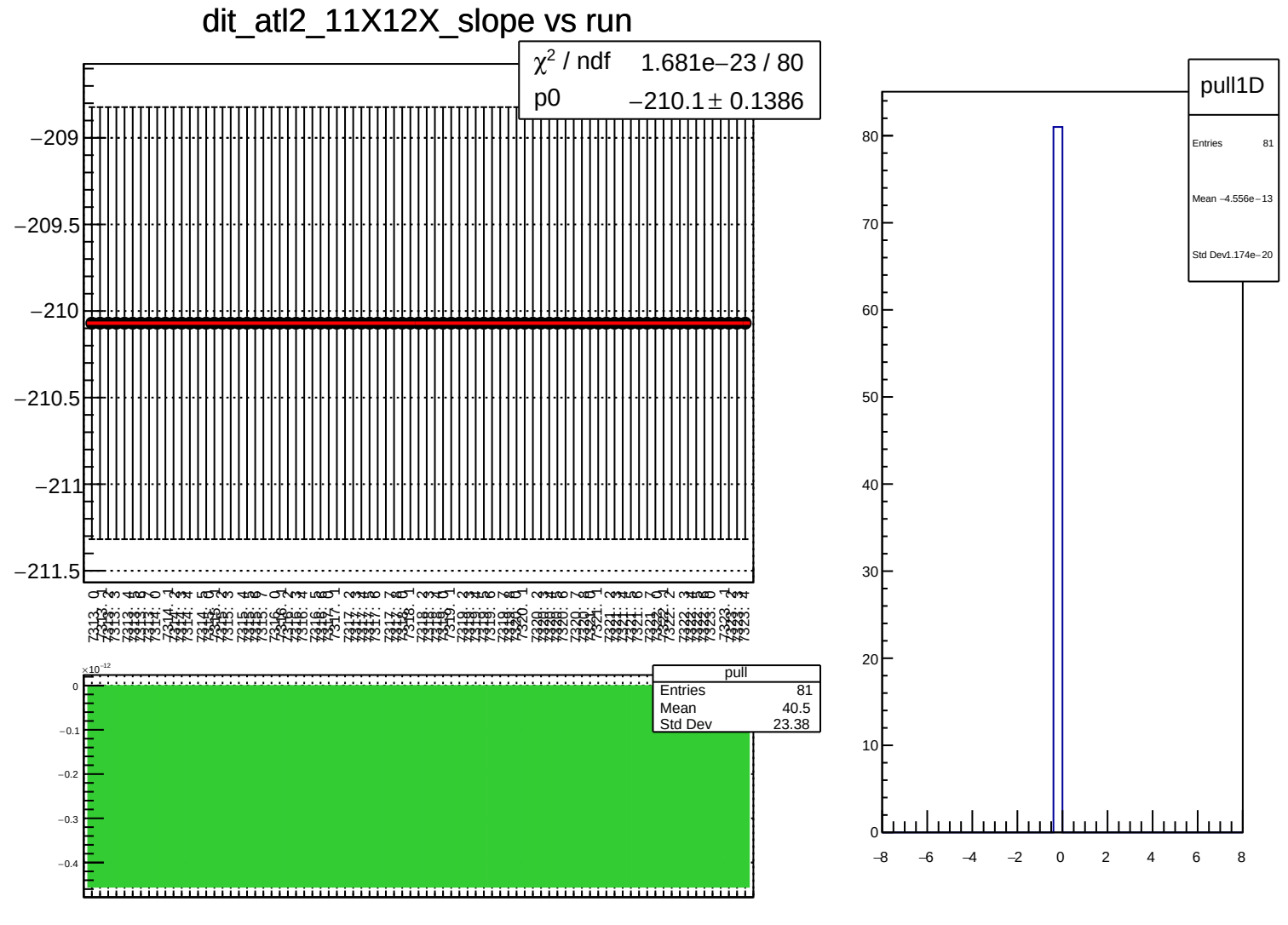

pull1D
Entries 81
Mean 4.711e−14
Std Dev2.396e−21

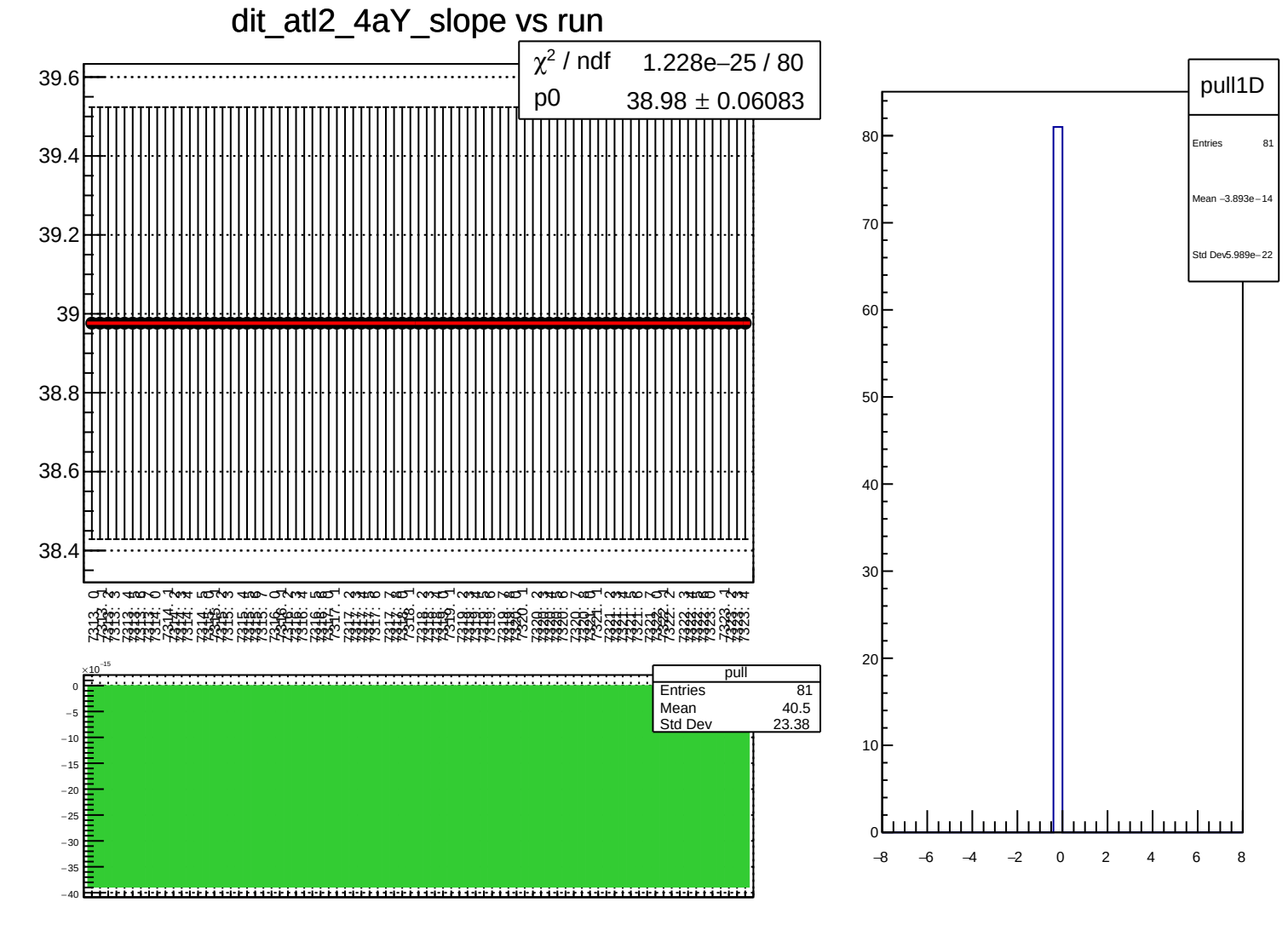

dit_atl1_4eY_slope vs run
χ² / ndf 7.403e−25 / 80
p0 −22.13 ± 0.04542
−21.7
−21.8
−21.9
−22
−22.1
−22.2
−22.3
−22.4
−22.5
−22.6
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0.1
0.08
0.06
0.04
0.02
0
pull1D
Entries 81
Mean 9.56e−14
Std Dev2.679e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

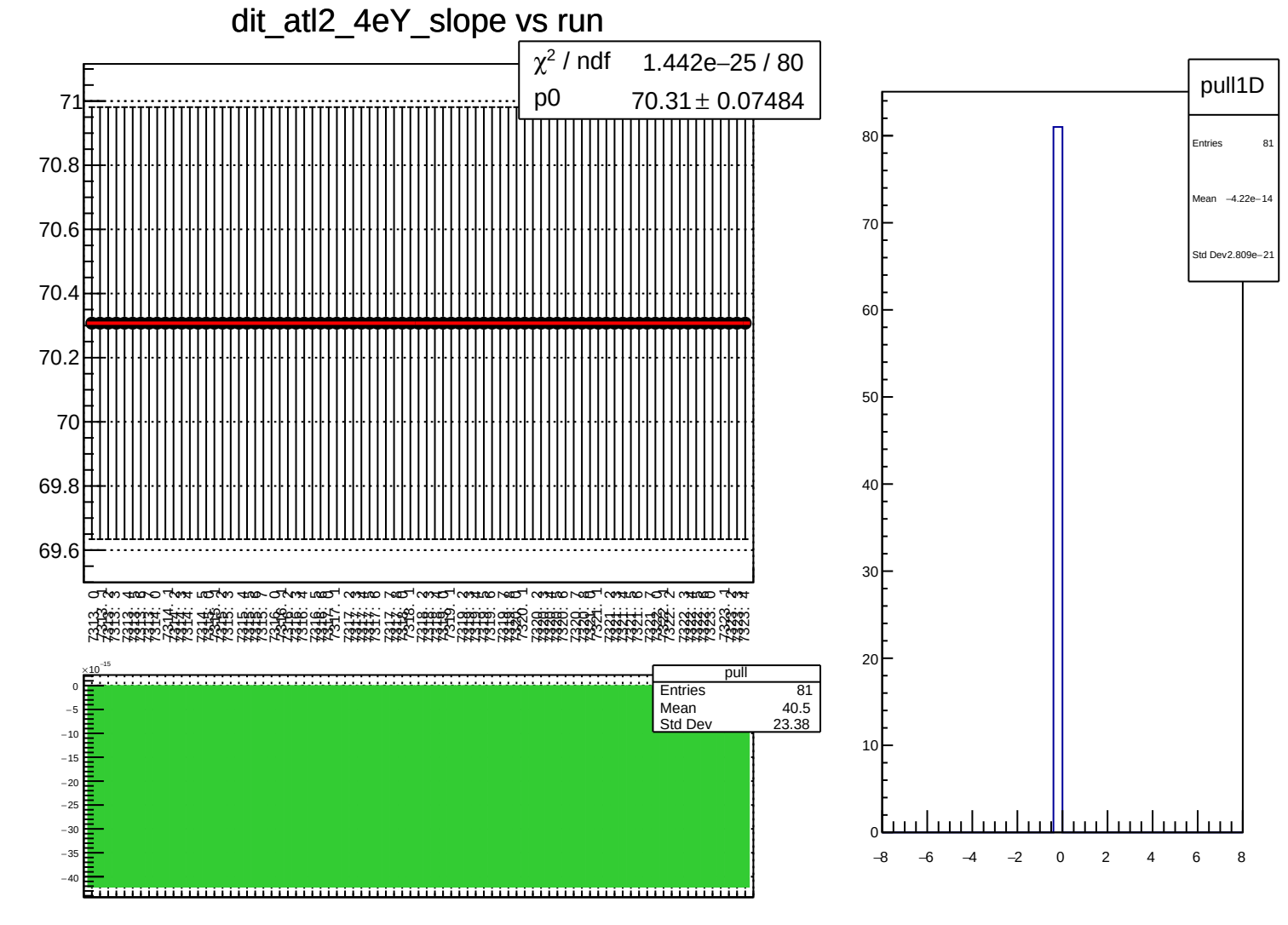

dit_atl2_4aX_slope vs run
χ² / ndf 3.785e−24 / 80
p0 −673.2 ± 0.6428
−668
−670
−672
−674
−676
−678
−680
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0

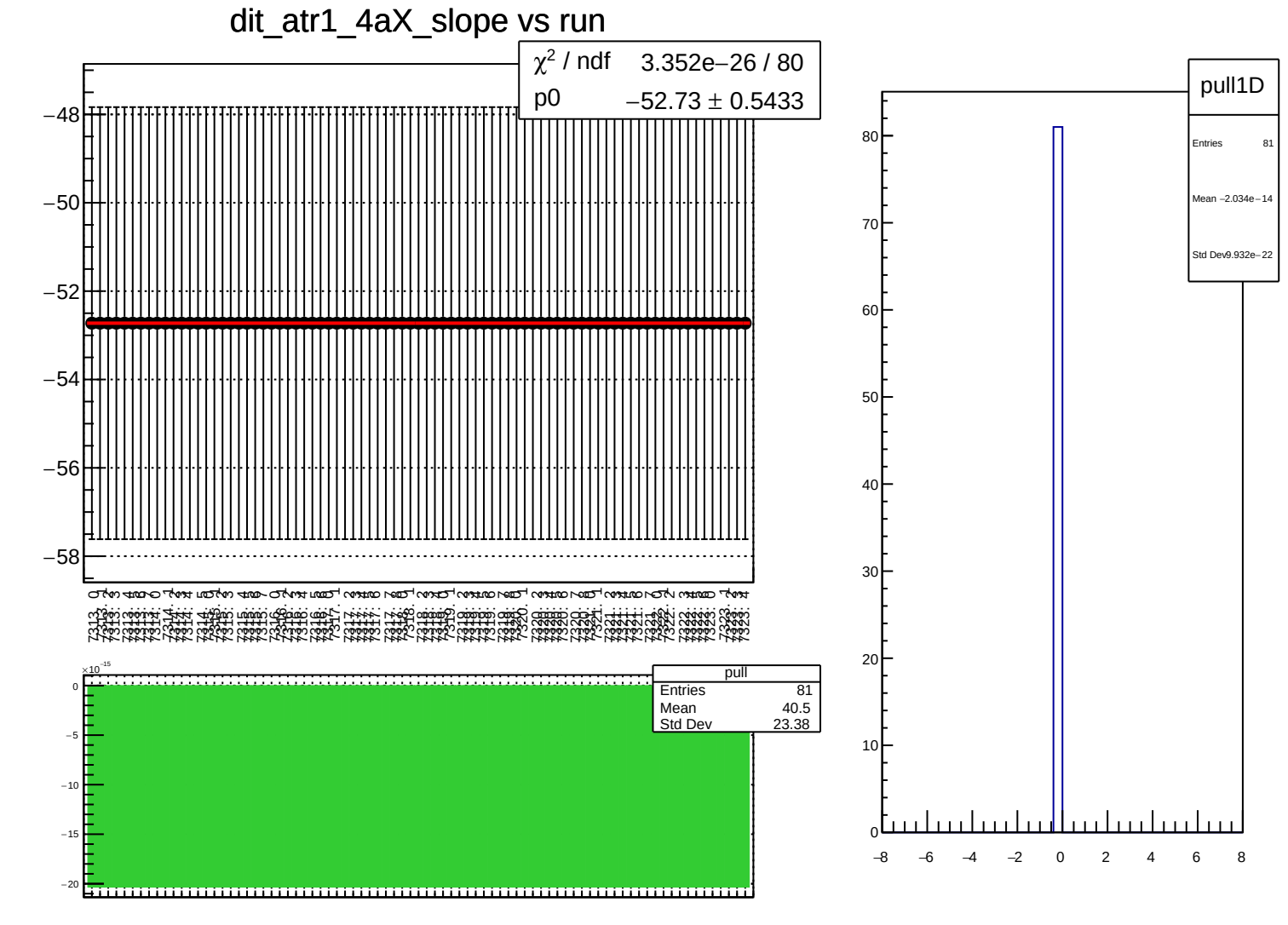

pull1D
Entries 81
Mean 2.162e−13
Std Dev8.638e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

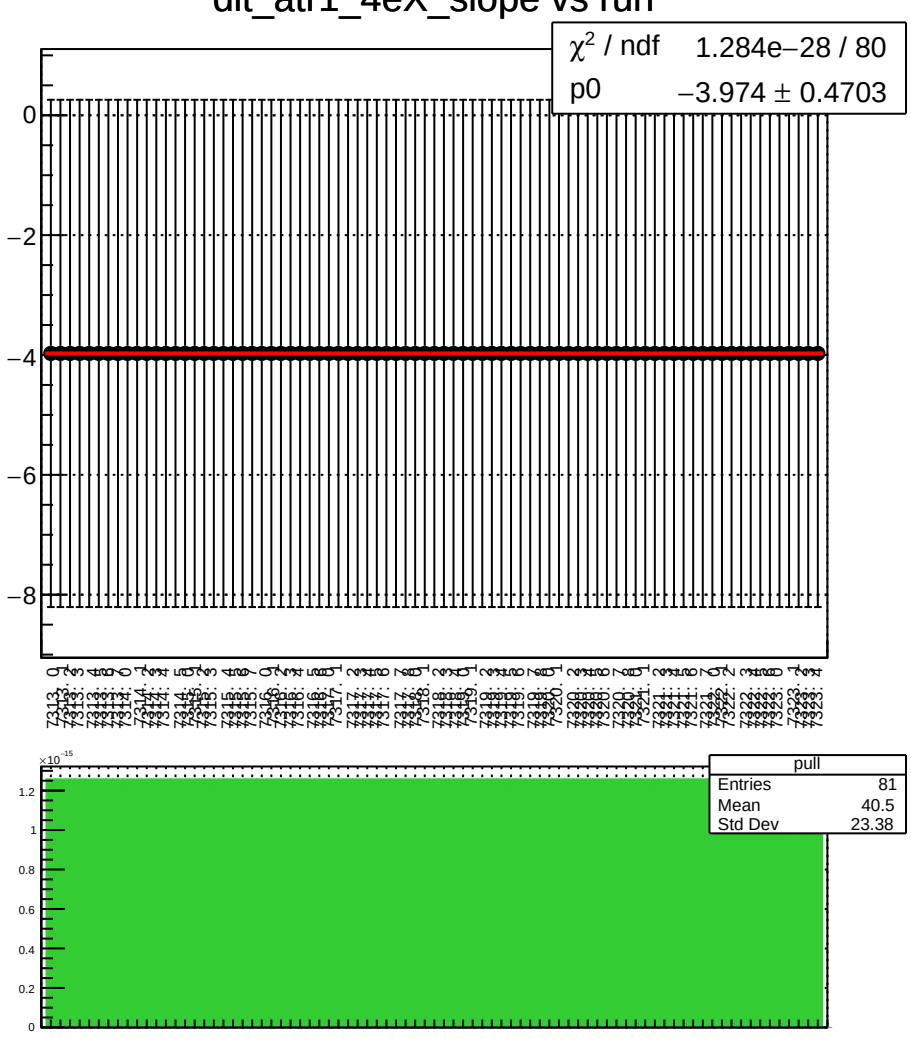

dit_atl2_4eX_slope vs run
χ² / ndf 2.558e−24 / 80
p0 617.7 ± 0.5687
622
620
618
616
614
612
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
−0.14
−0.16
−0.18
pull1D
Entries 81
Mean −1.777e−13
Std Dev2.396e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

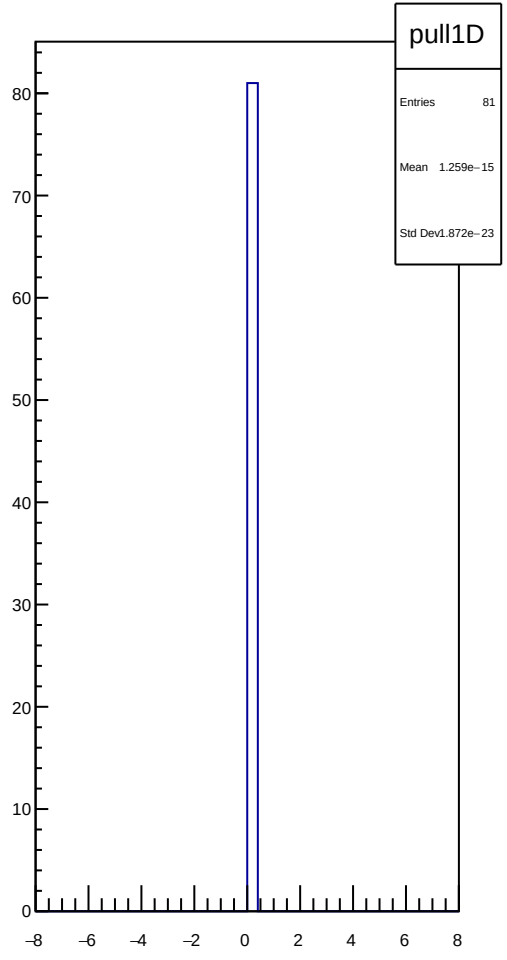

dit_atl2_11X12X_slope vs run
χ² / ndf 1.681e−23 / 80
p0 −210.1 ± 0.1386
−209
−209.5
−210
−210.5
−211
−211.5
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0
−0.1
−0.2
−0.3
−0.4
pull1D
Entries 81
Mean −4.556e−13
Std Dev1.174e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

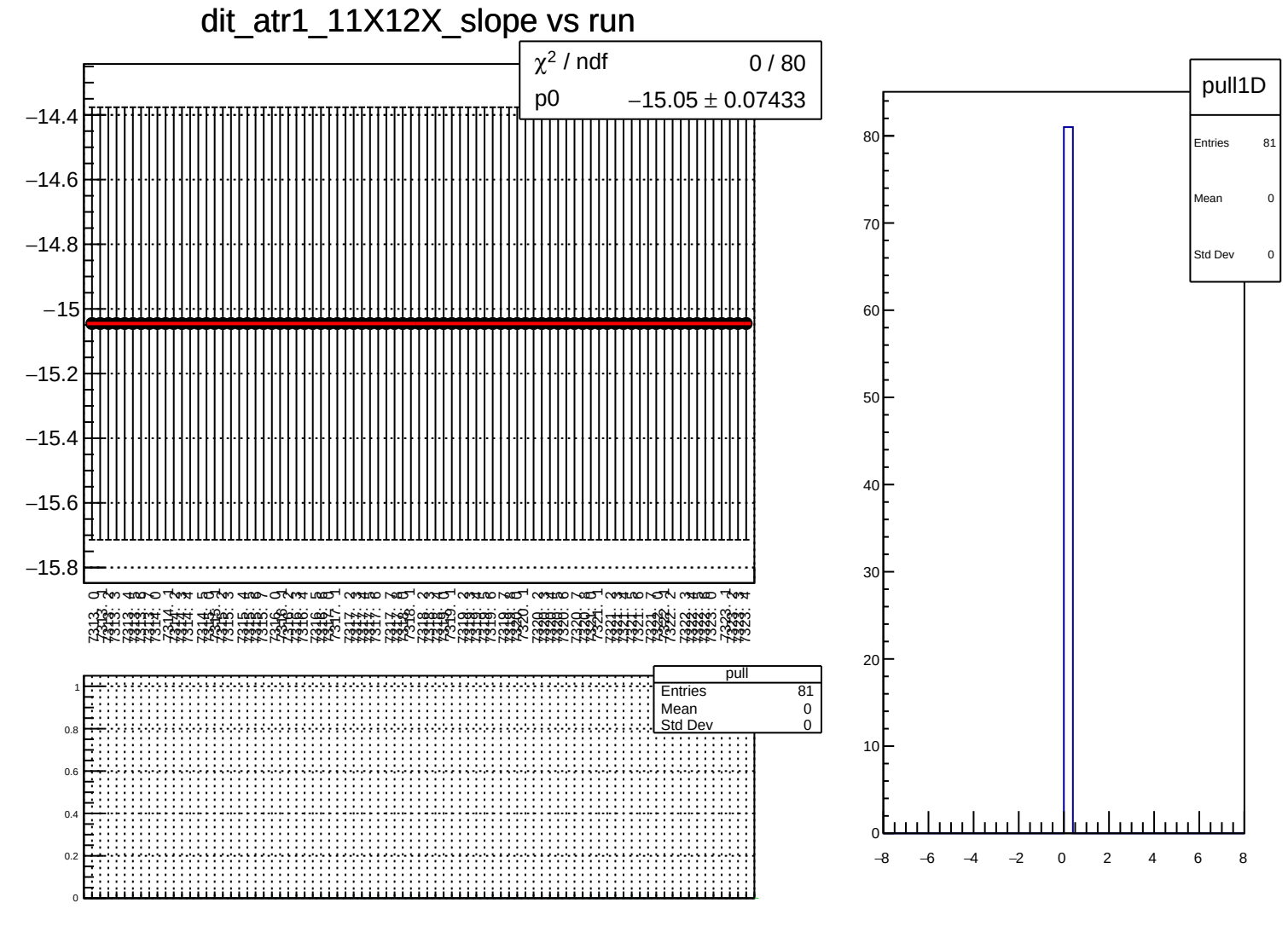

dit_atl2_4aY_slope vs run
χ² / ndf 1.228e−25 / 80
p0 38.98 ± 0.06083
39.6
39.4
39.2
39
38.8
38.6
38.4
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30
−35
−40
pull1D
Entries 81
Mean −3.893e−14
Std Dev 5.989e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

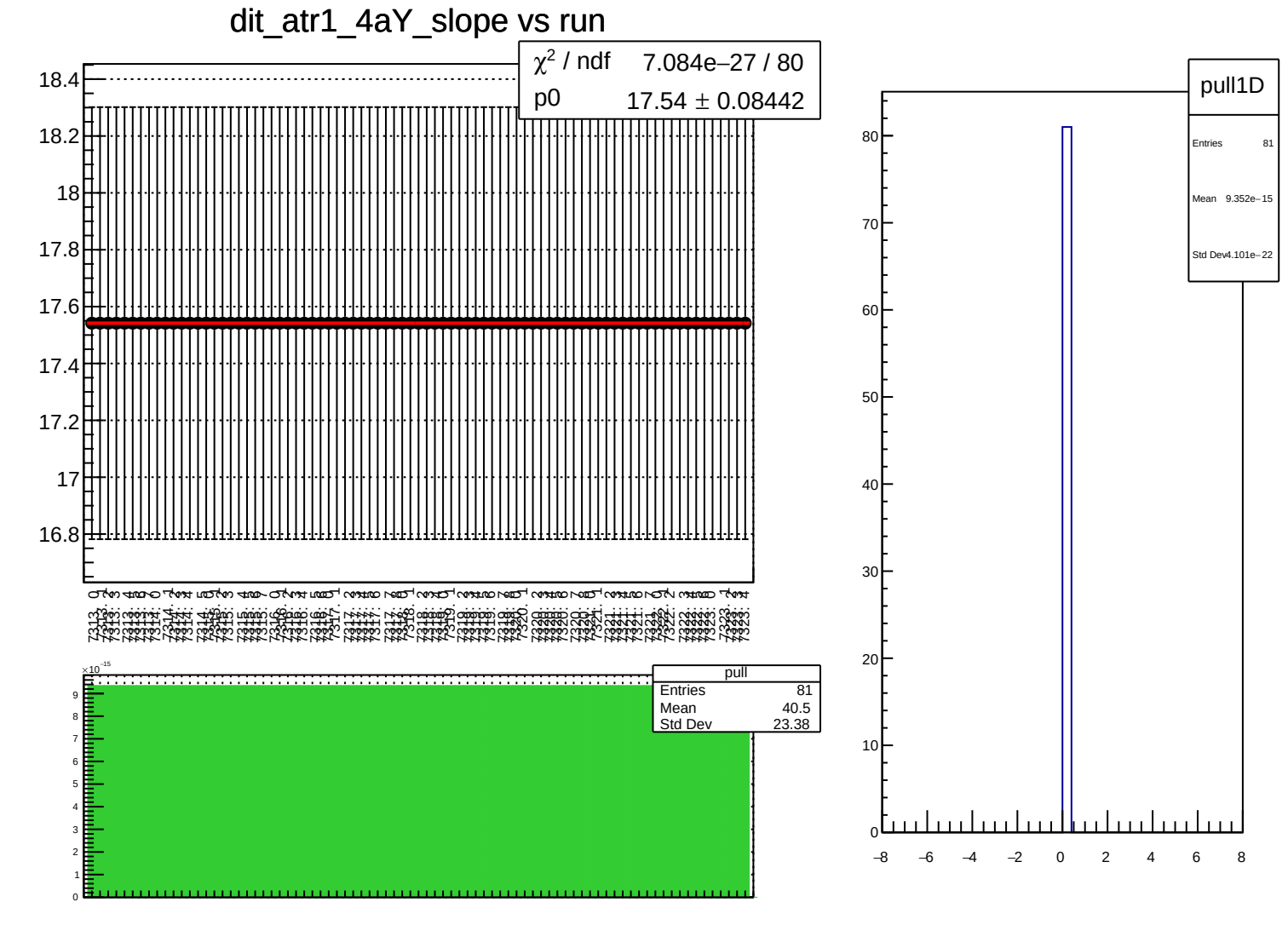

dit_atl2_4eY_slope vs run
χ² / ndf 1.442e−25 / 80
p0 70.31 ± 0.07484
71
70.8
70.6
70.4
70.2
70
69.8
69.6
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30
−35
−40
pull1D
Entries 81
Mean −4.22e−14
Std Dev2.809e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

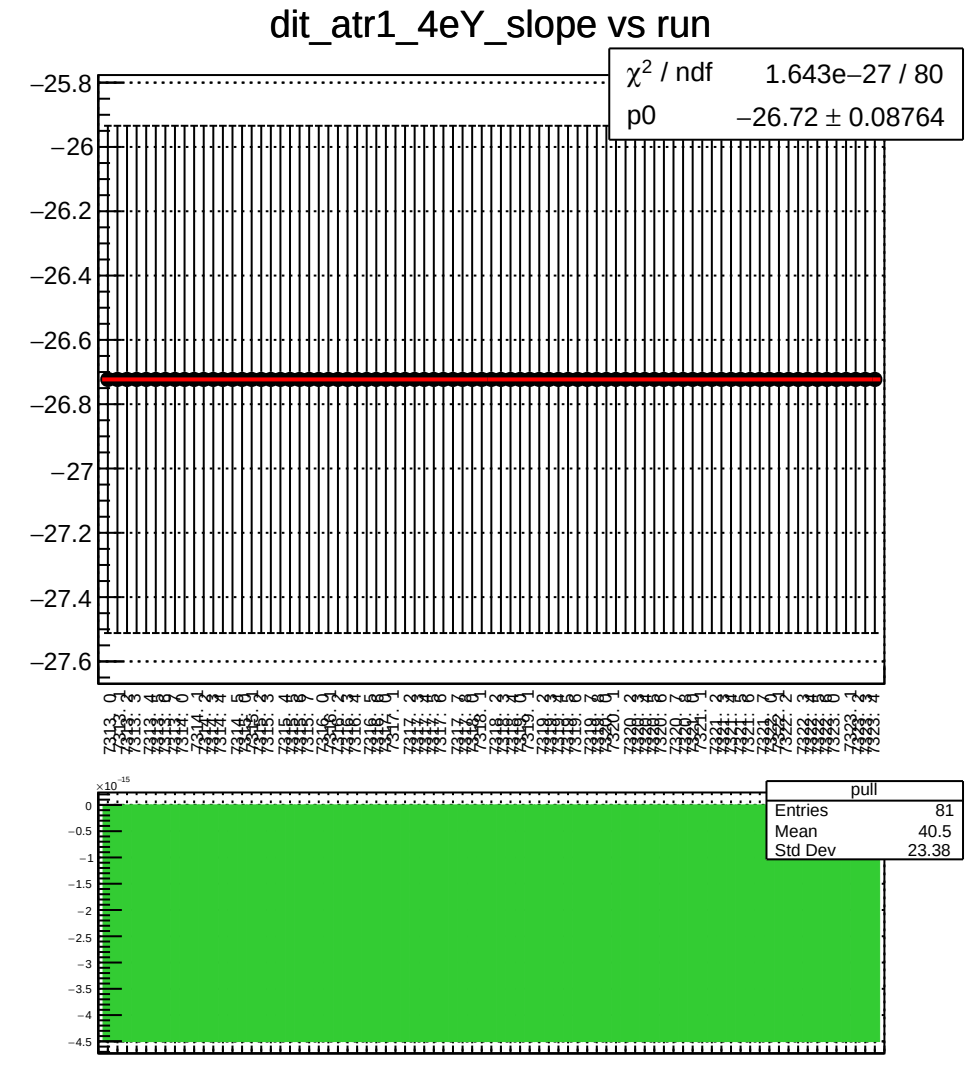

dit_atr1_4aX_slope vs run
χ² / ndf 3.352e−26 / 80
p0 −52.73 ± 0.5433
−48
−50
−52
−54
−56
−58
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−5
−10
−15
−20
pull1D
Entries 81
Mean −2.034e−14
Std Dev 9.932e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

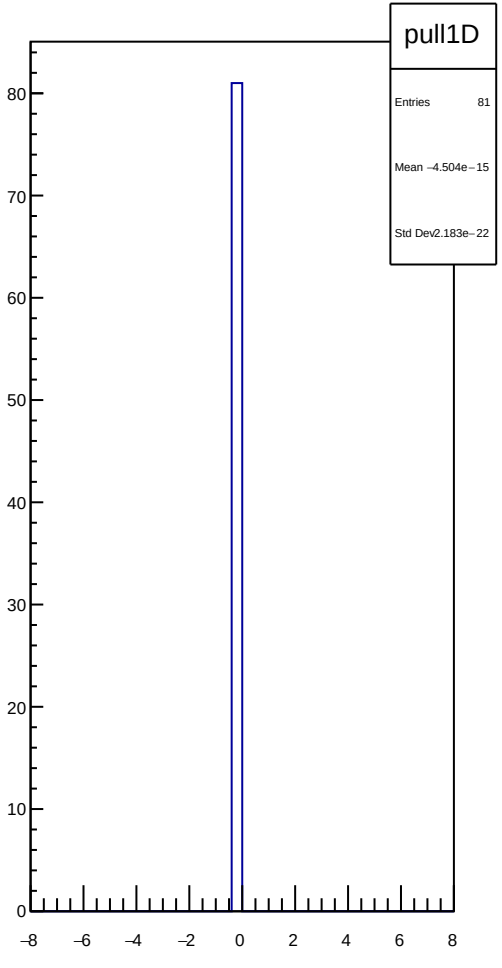

dit_atr1_4eX_slope vs run
χ² / ndf 1.284e−28 / 80
p0 −3.974 ± 0.4703
pull
Entries 81
Mean 40.5
Std Dev 23.38

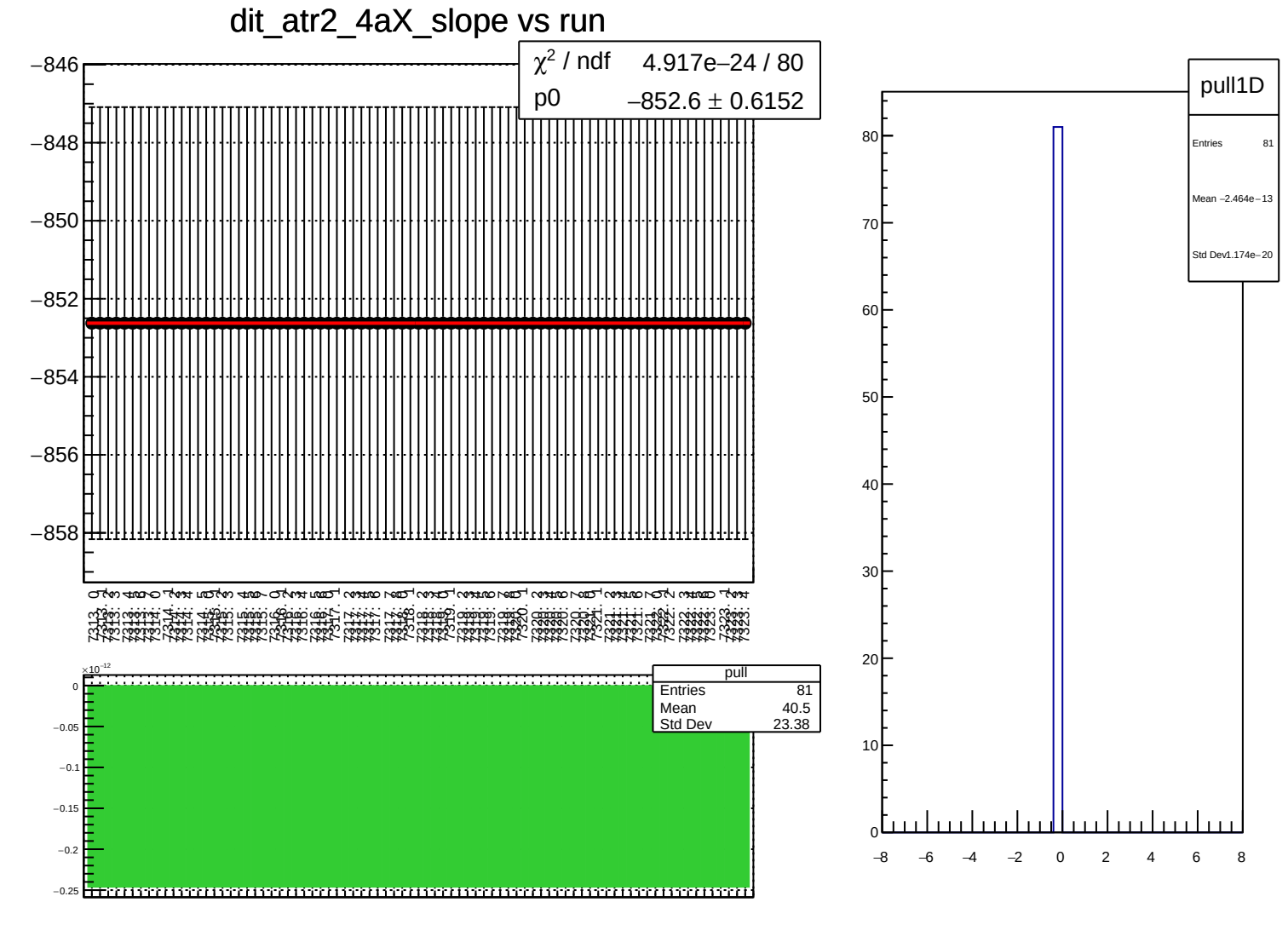

pull1D
Entries 81
Mean 1.259e−15
Std Dev1.872e−23

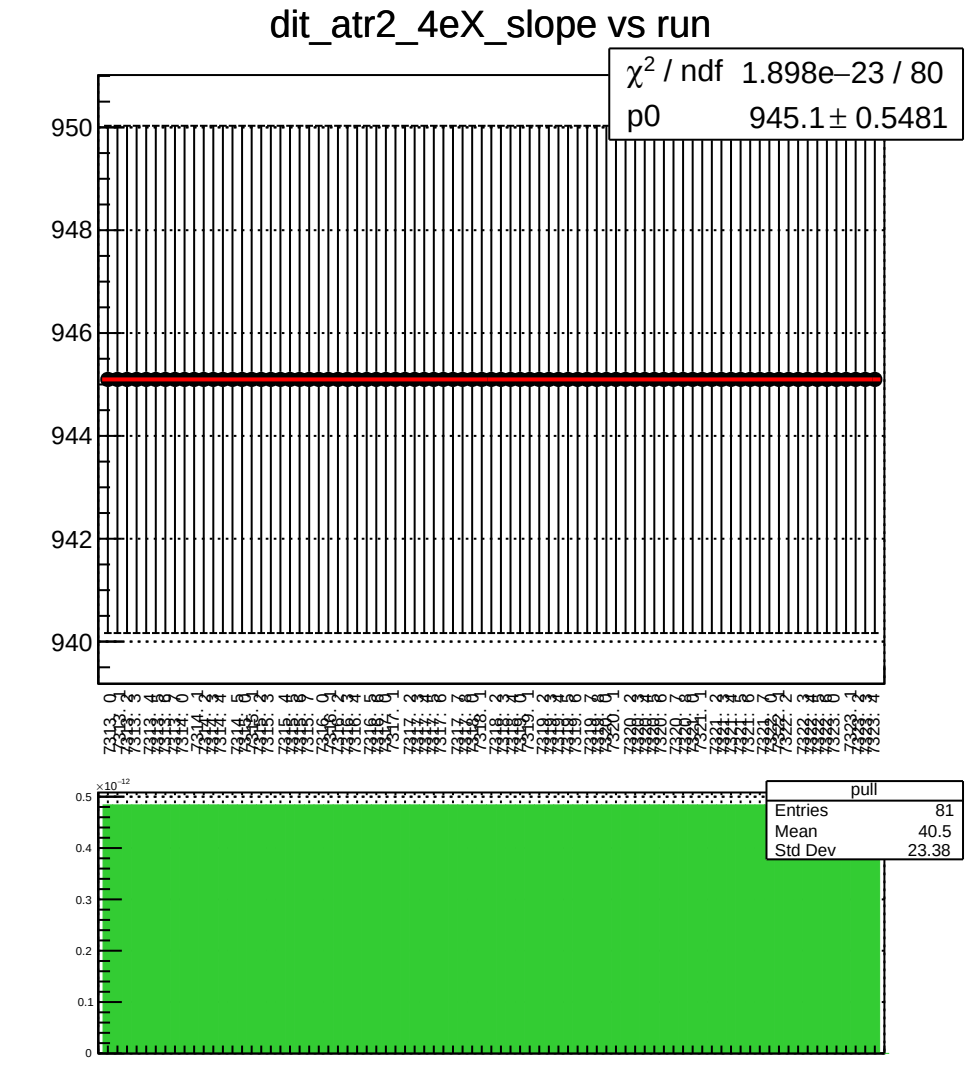

dit_atr1_11X12X_slope vs run
χ² / ndf 0 / 80
p0 −15.05 ± 0.07433
−14.4
−14.6
−14.8
−15
−15.2
−15.4
−15.6
−15.8
pull
Entries 81
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
pull1D
Entries 81
Mean 0
Std Dev 0
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

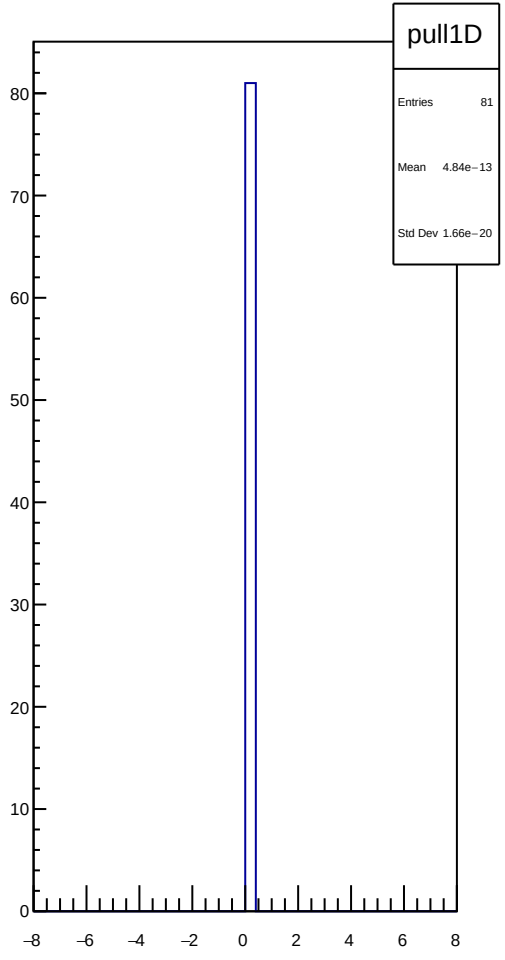

dit_atr1_4aY_slope vs run
χ² / ndf 7.084e−27 / 80
p0 17.54 ± 0.08442
18.4
18.2
18
17.8
17.6
17.4
17.2
17
16.8
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
pull1D
Entries 81
Mean 9.352e−15
Std Dev4.101e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

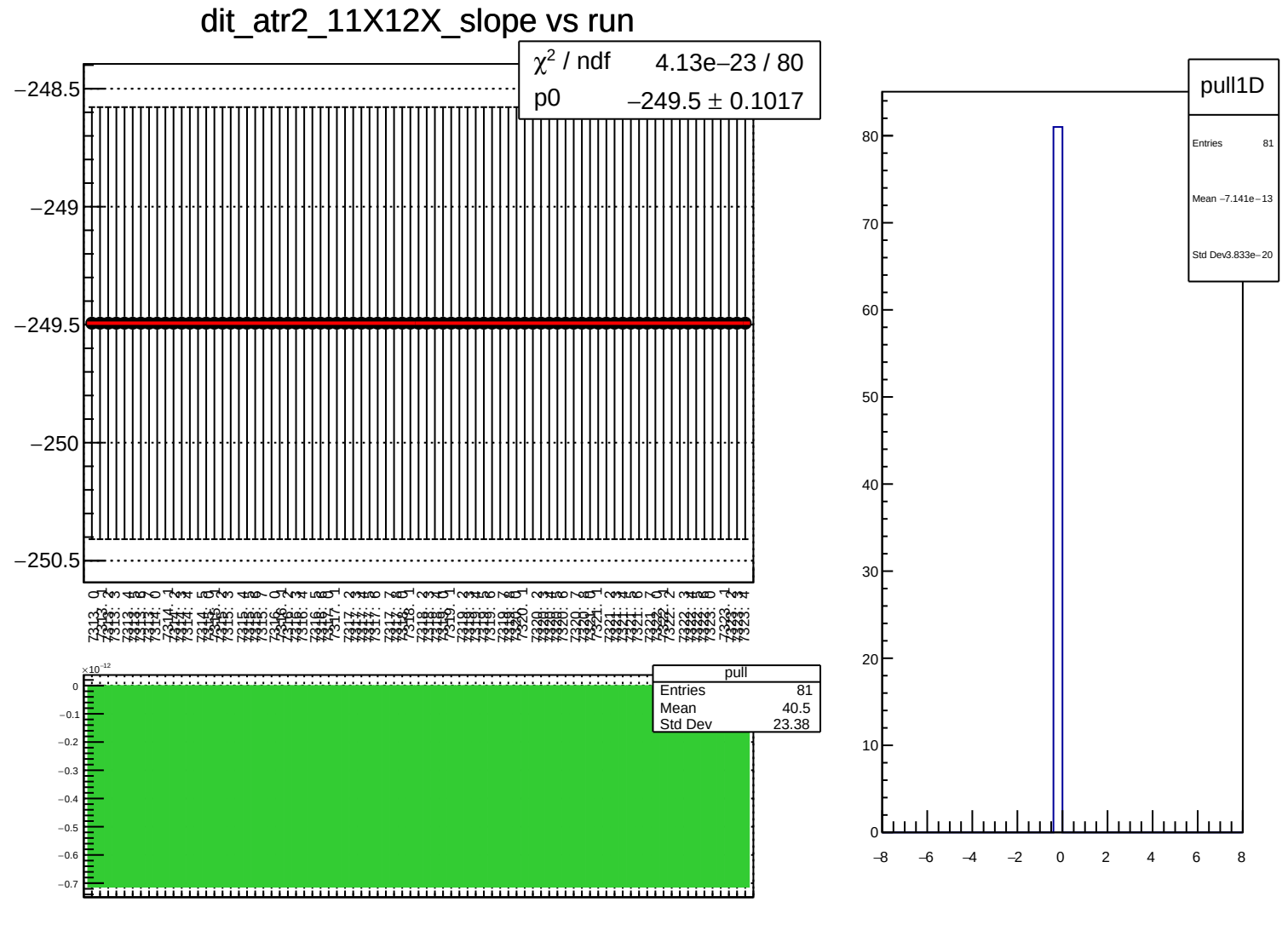

dit_atr1_4eY_slope vs run
χ² / ndf 1.643e−27 / 80
p0 −26.72 ± 0.08764
pull
Entries 81
Mean 40.5
Std Dev 23.38

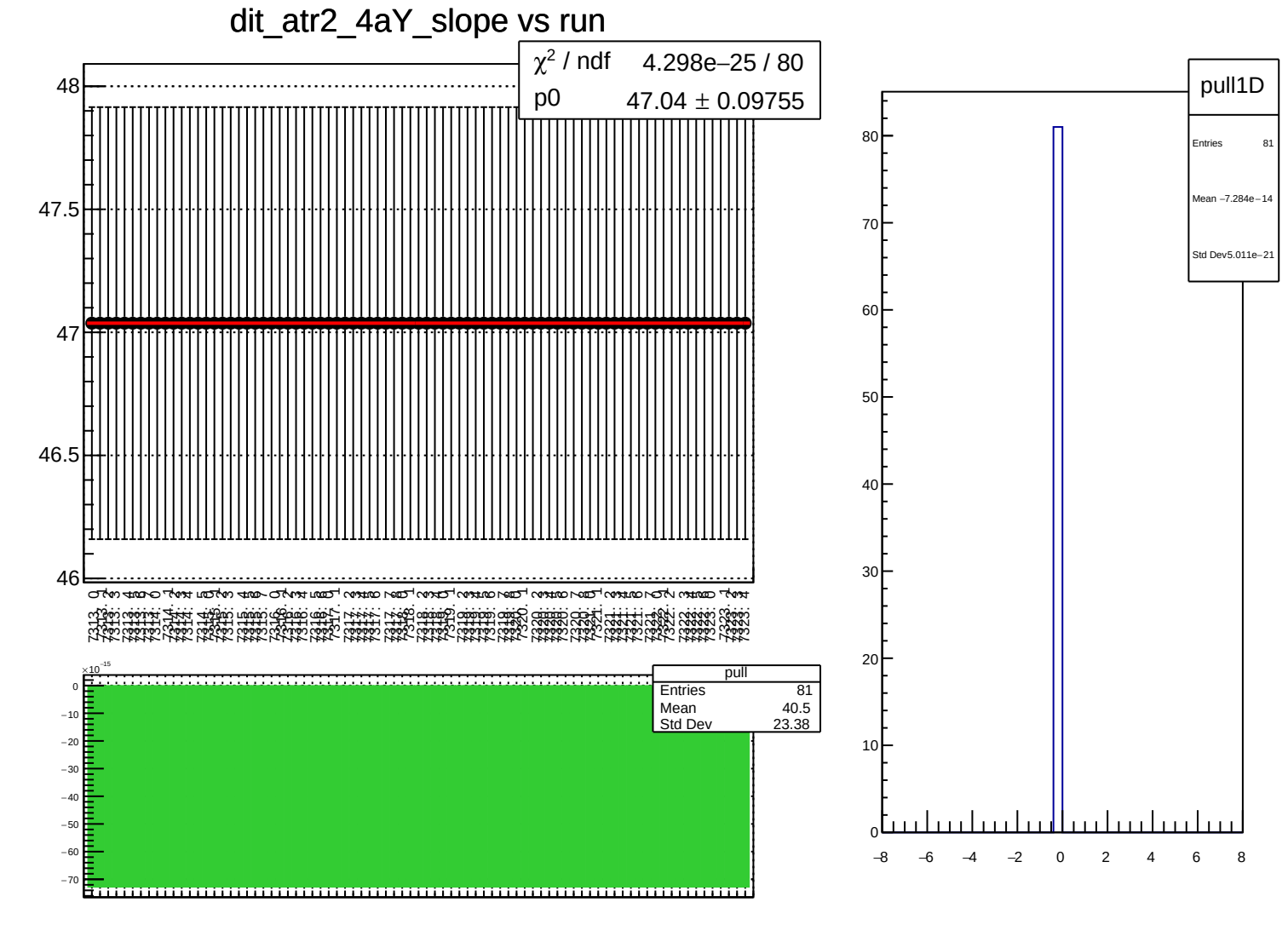

pull1D
Entries 81
Mean −4.504e−15
Std Dev2.183e−22

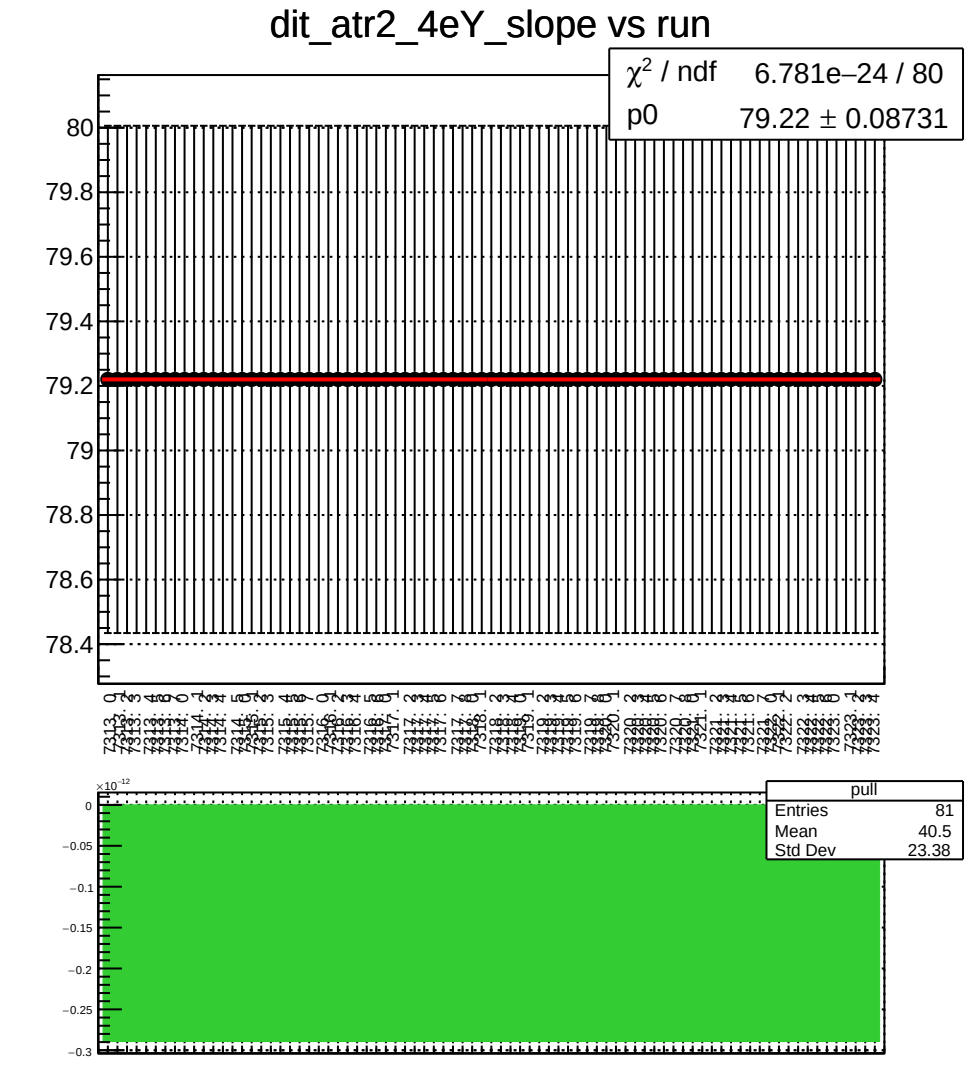

dit_atr2_4aX_slope vs run
χ² / ndf 4.917e−24 / 80
p0 −852.6 ± 0.6152
−846
−848
−850
−852
−854
−856
−858
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0
−0.05
−0.1
−0.15
−0.2
−0.25
pull1D
Entries 81
Mean −2.464e−13
Std Dev1.174e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

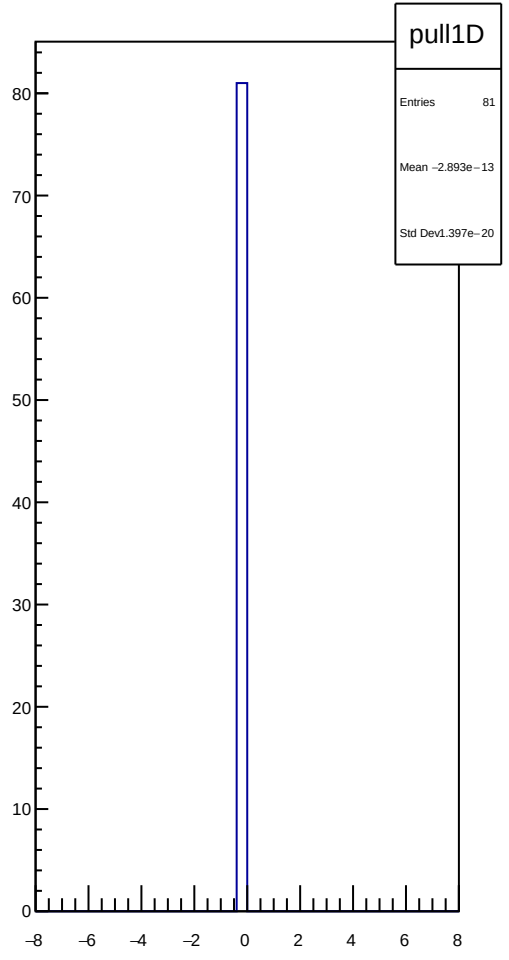

dit_atr2_4eX_slope vs run
χ^2 / ndf 1.898e−23 / 80
p0 945.1 ± 0.5481
950
948
946
944
942
940
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0.5
0.4
0.3
0.2
0.1
0

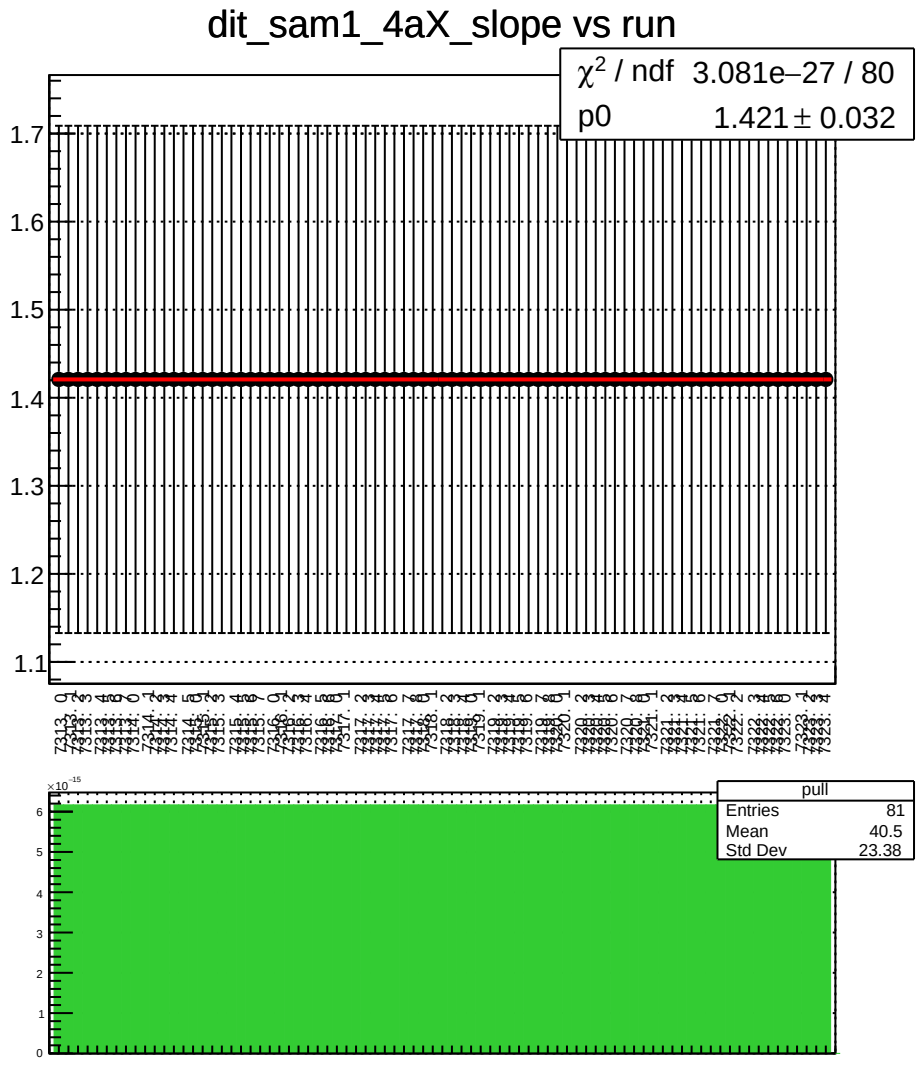

pull1D
Entries 81
Mean 4.84e−13
Std Dev 1.66e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

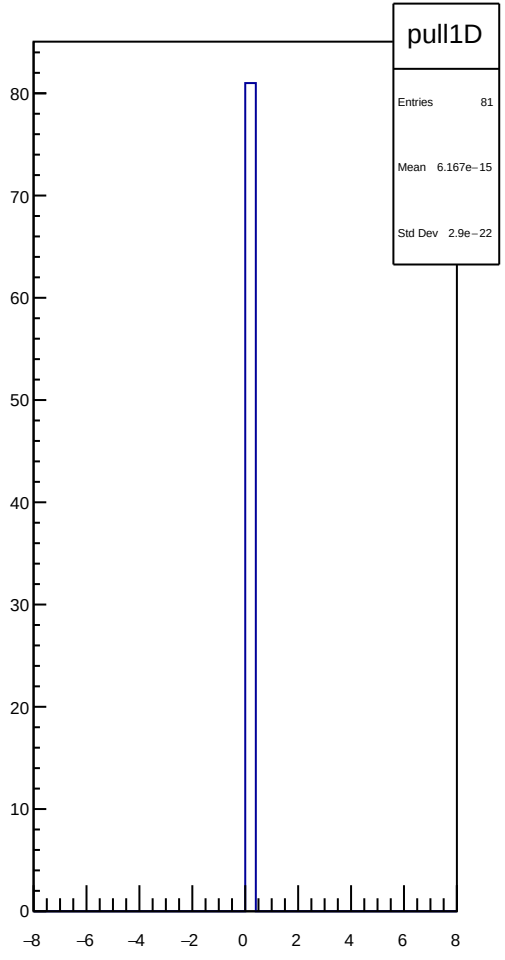

dit_atr2_11X12X_slope vs run
χ² / ndf 4.13e−23 / 80
p0 −249.5 ± 0.1017
−248.5
−249
−249.5
−250
−250.5
pull
Entries 81
Mean 40.5
Std Dev 23.38
pull1D
Entries 81
Mean −7.141e−13
Std Dev3.833e−20

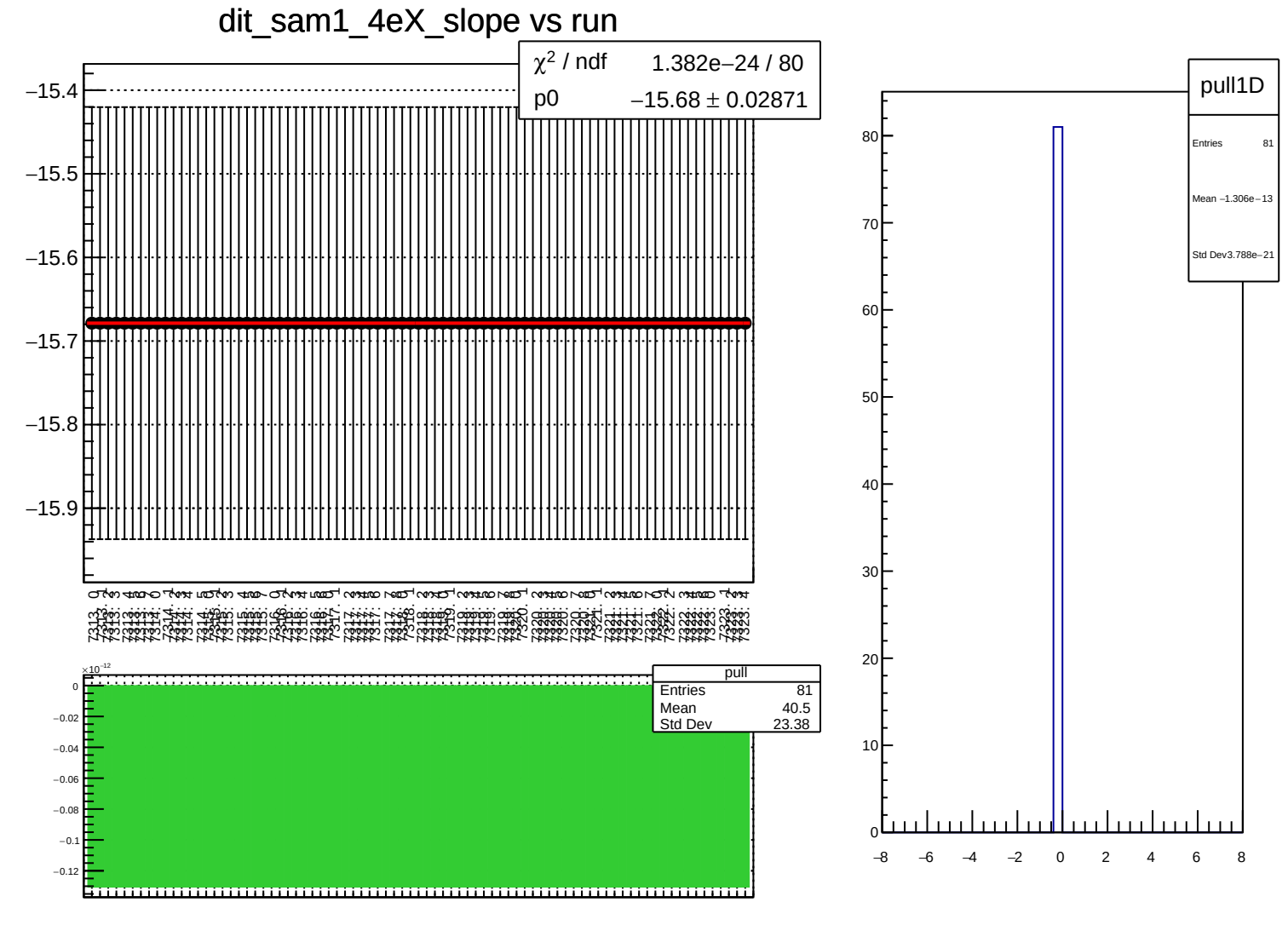

dit_atr2_4aY_slope vs run
χ² / ndf 4.298e−25 / 80
p0 47.04 ± 0.09755
48
47.5
47
46.5
46
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−10
−20
−30
−40
−50
−60
−70
pull1D
Entries 81
Mean −7.284e−14
Std Dev5.011e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

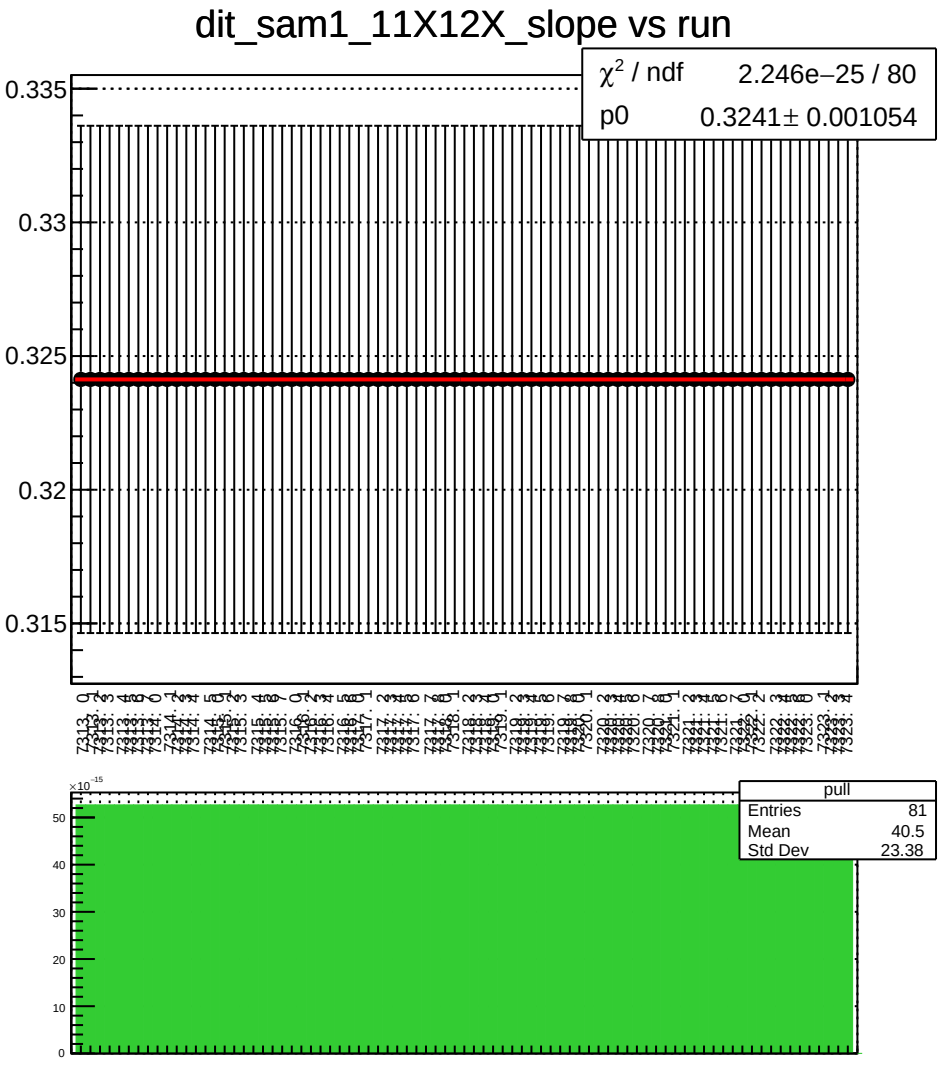

dit_atr2_4eY_slope vs run
χ² / ndf 6.781e−24 / 80
p0 79.22 ± 0.08731
80
79.8
79.6
79.4
79.2
79
78.8
78.6
78.4
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0
−0.05
−0.1
−0.15
−0.2
−0.25
−0.3

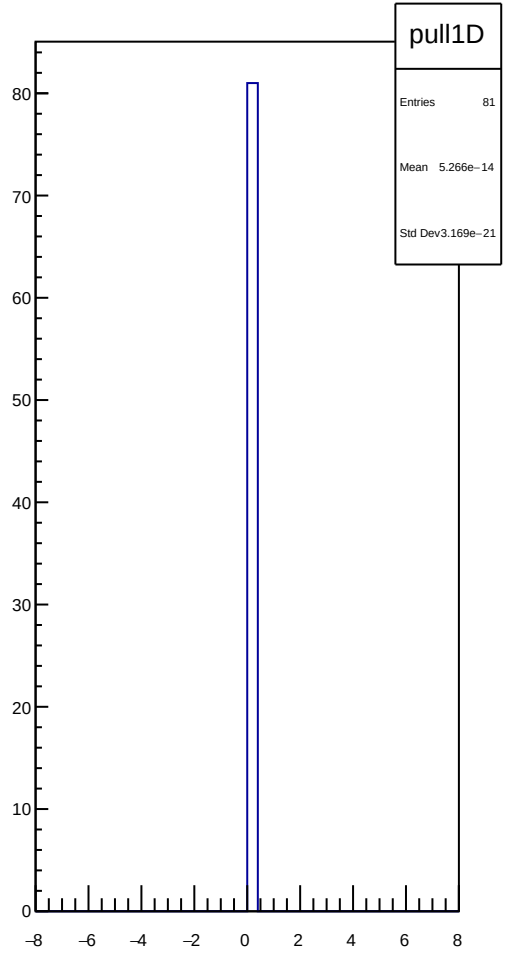

pull1D
Entries 81
Mean −2.893e−13
Std Dev1.397e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

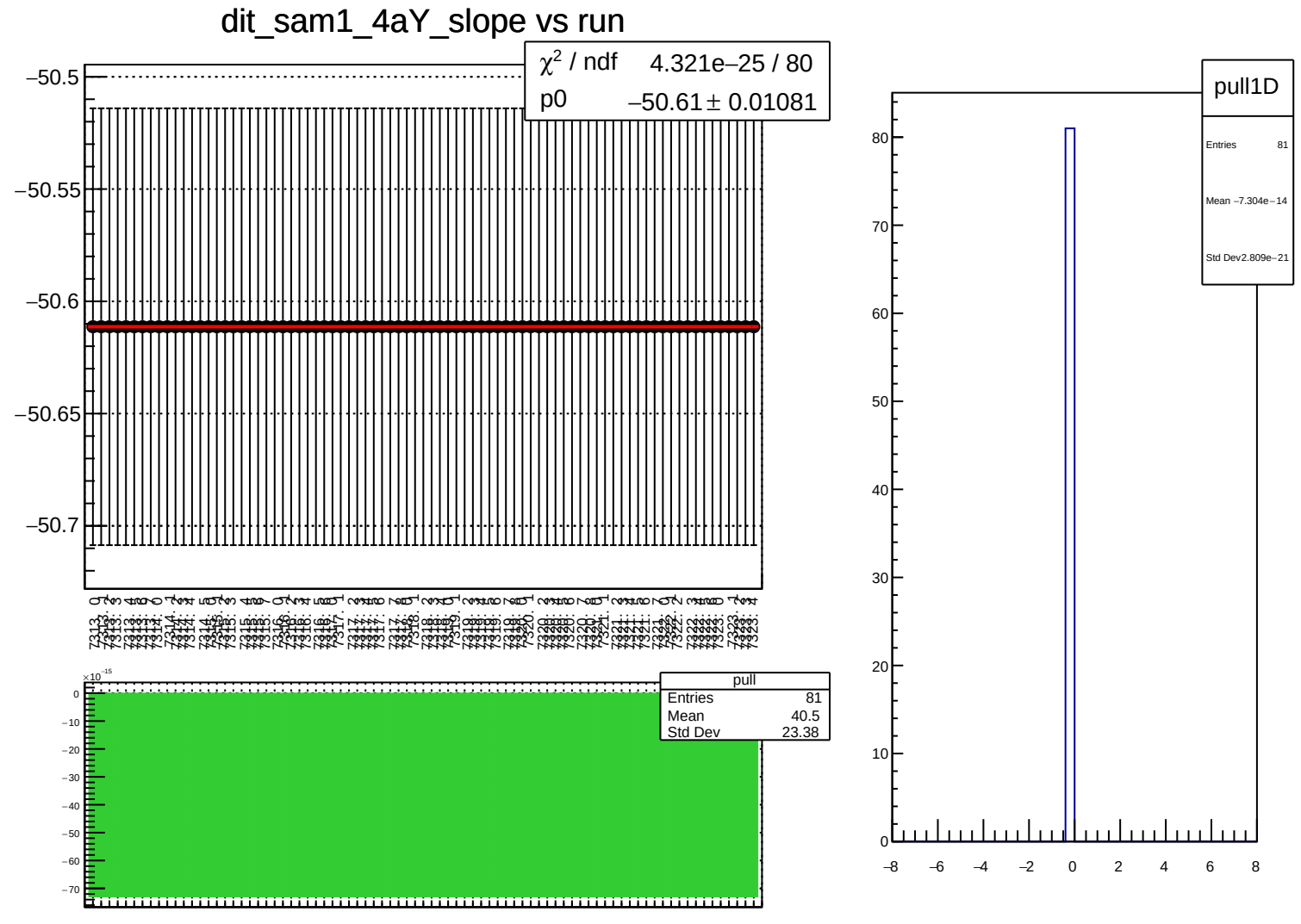

dit_sam1_4aX_slope vs run
χ² / ndf 3.081e−27 / 80
p0 1.421 ± 0.032
pull
Entries 81
Mean 40.5
Std Dev 23.38

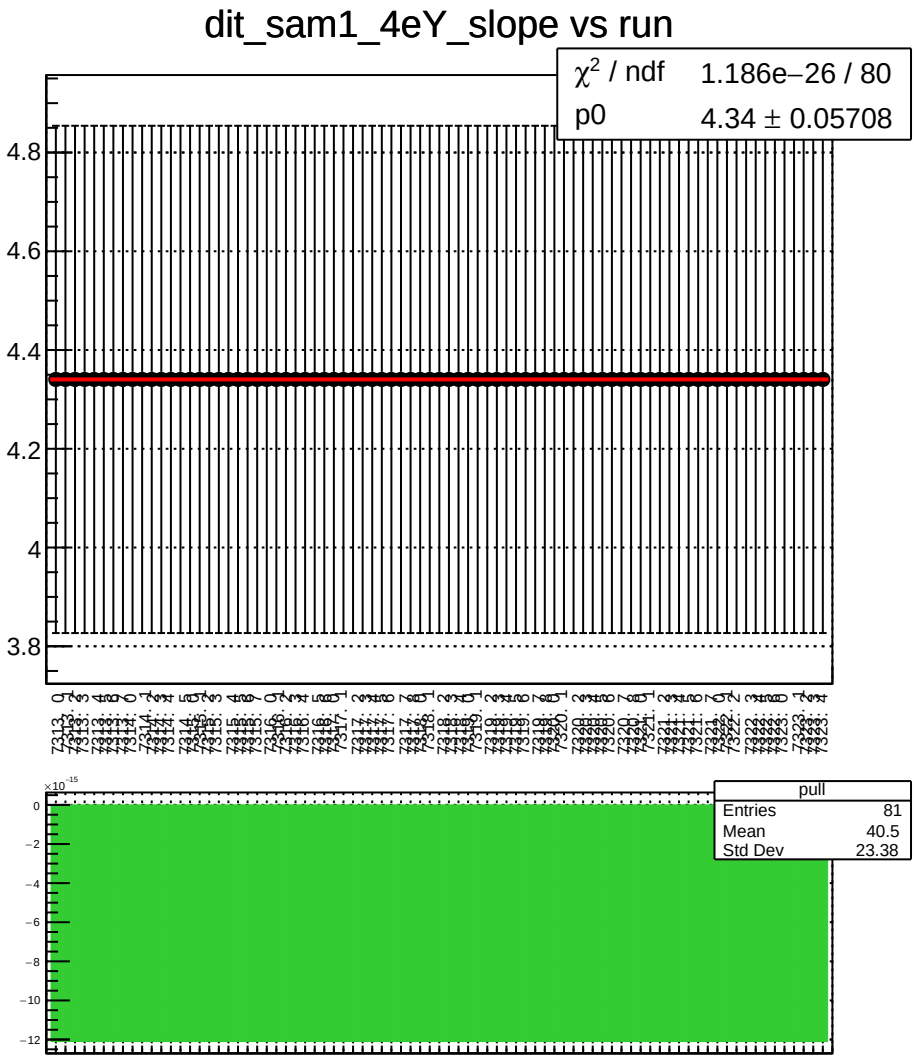

pull1D
Entries 81
Mean 6.167e−15
Std Dev 2.9e−22

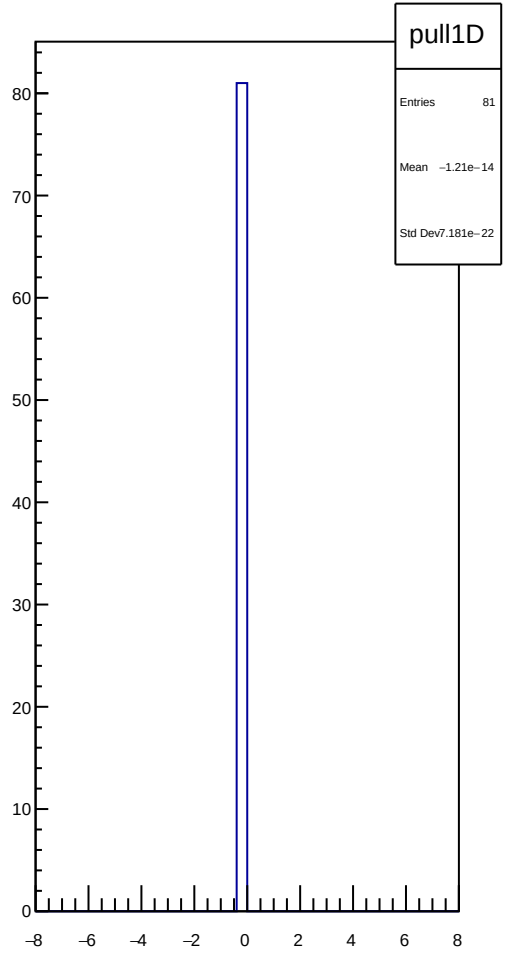

dit_sam1_4eX_slope vs run
χ² / ndf 1.382e−24 / 80
p0 −15.68 ± 0.02871
−15.4
−15.5
−15.6
−15.7
−15.8
−15.9
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
pull1D
Entries 81
Mean −1.306e−13
Std Dev3.788e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

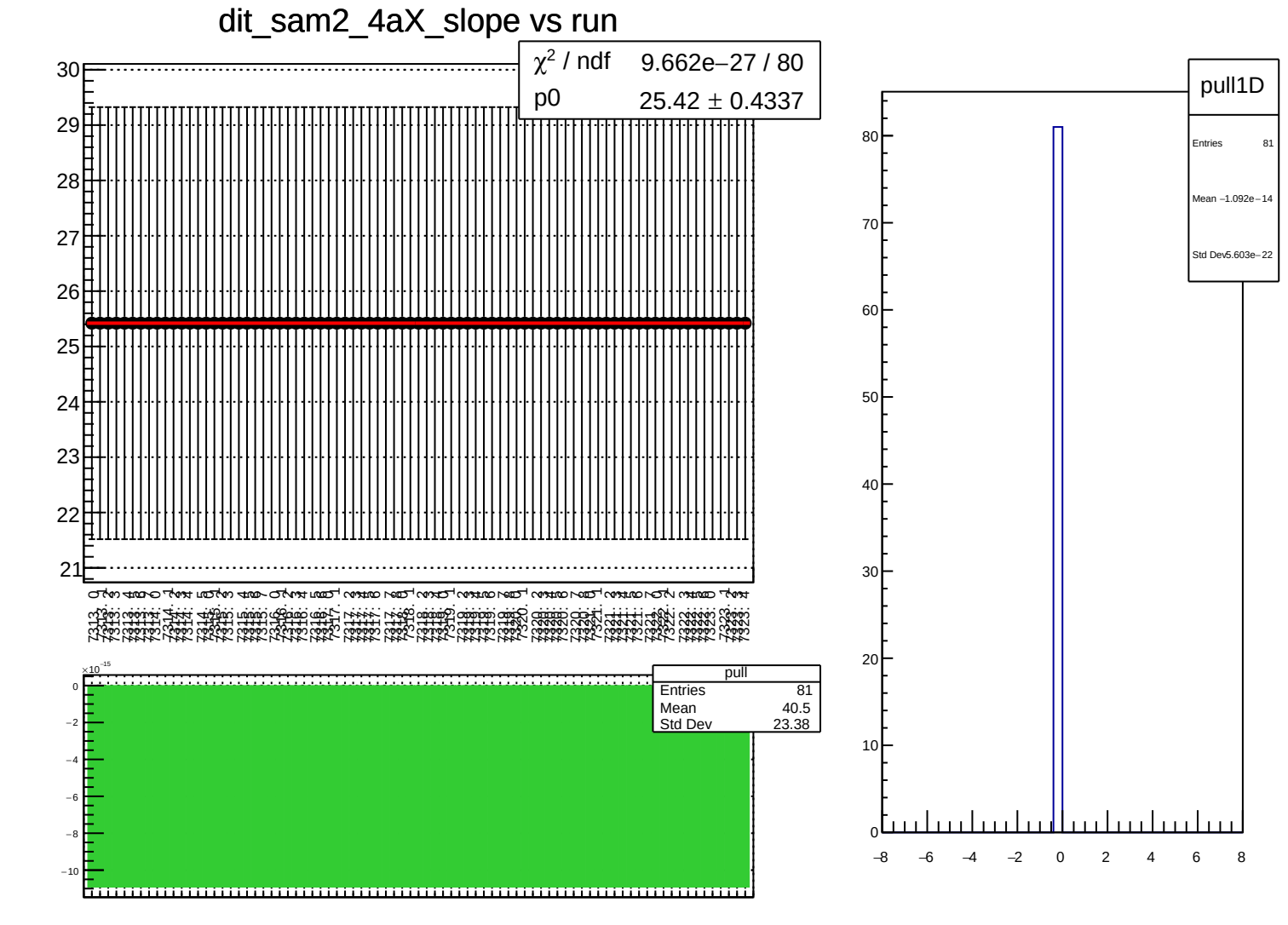

dit_sam1_11X12X_slope vs run
χ² / ndf 2.246e−25 / 80
p0 0.3241± 0.001054
0.335
0.33
0.325
0.32
0.315
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
50
40
30
20
10
0

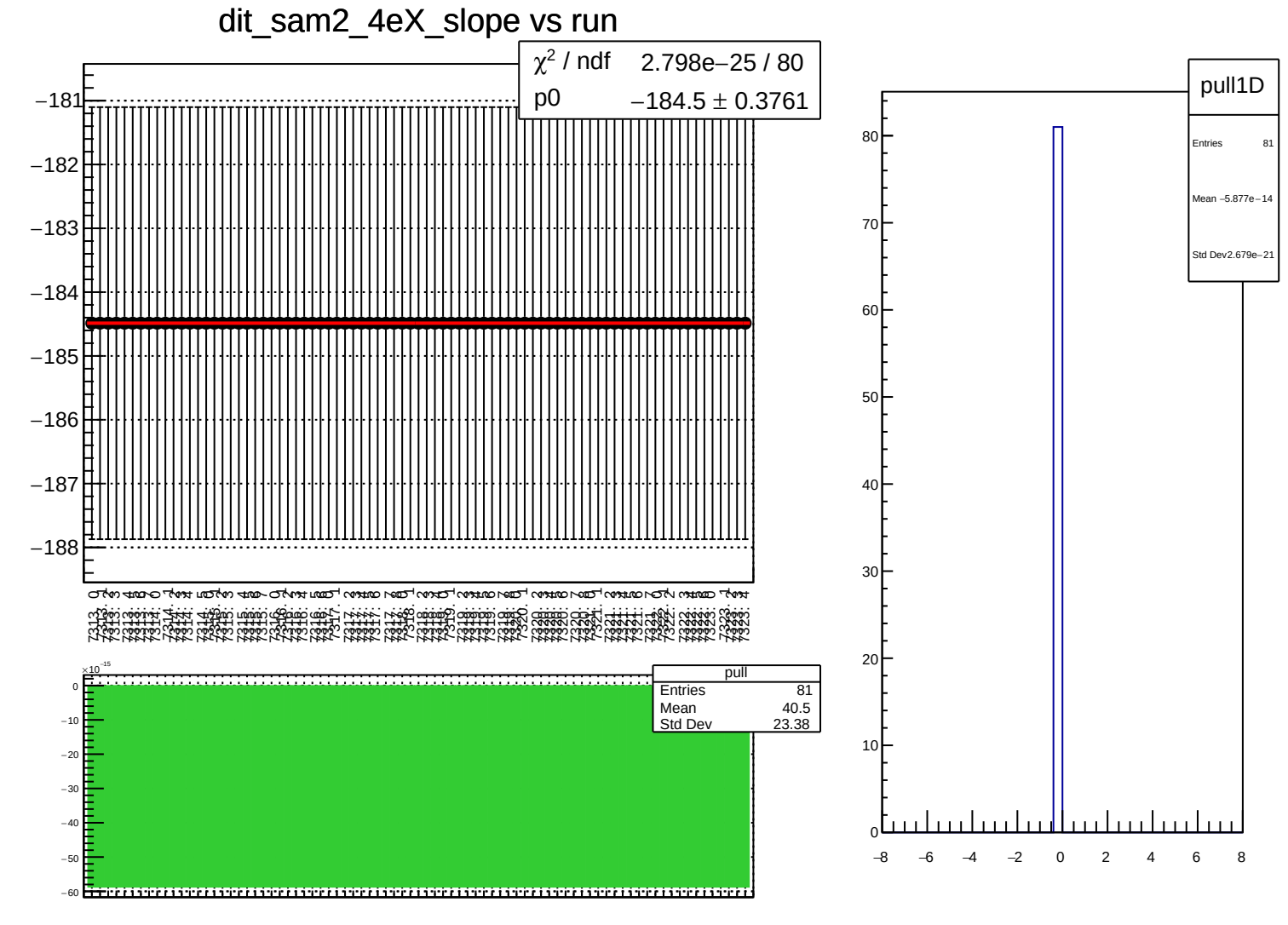

pull1D
Entries 81
Mean 5.266e−14
Std Dev3.169e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

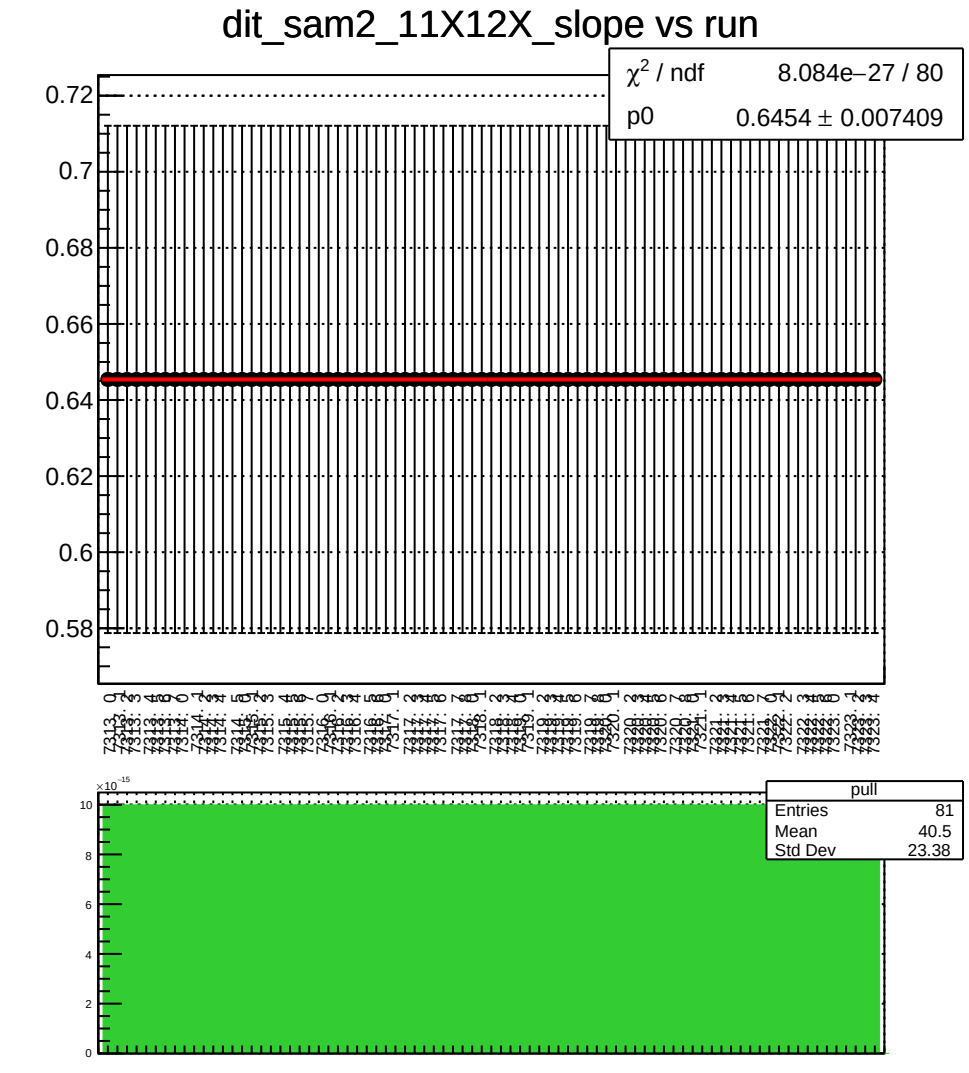

dit_sam1_4aY_slope vs run
χ² / ndf 4.321e−25 / 80
p0 −50.61 ± 0.01081
−50.5
−50.55
−50.6
−50.65
−50.7
pull
Entries 81
Mean 40.5
Std Dev 23.38
pull1D
Entries 81
Mean −7.304e−14
Std Dev2.809e−21

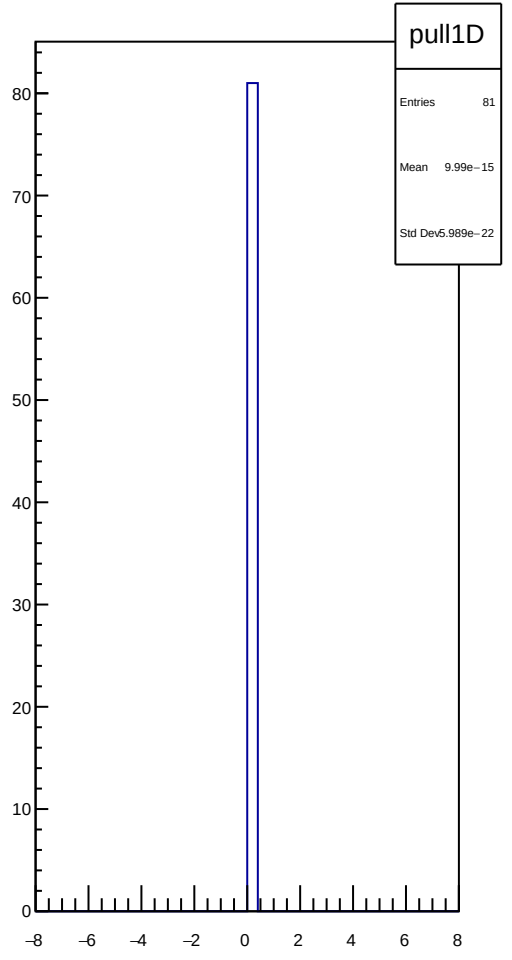

dit_sam1_4eY_slope vs run
χ² / ndf 1.186e−26 / 80
p0 4.34 ± 0.05708
4.8
4.6
4.4
4.2
4
3.8
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12

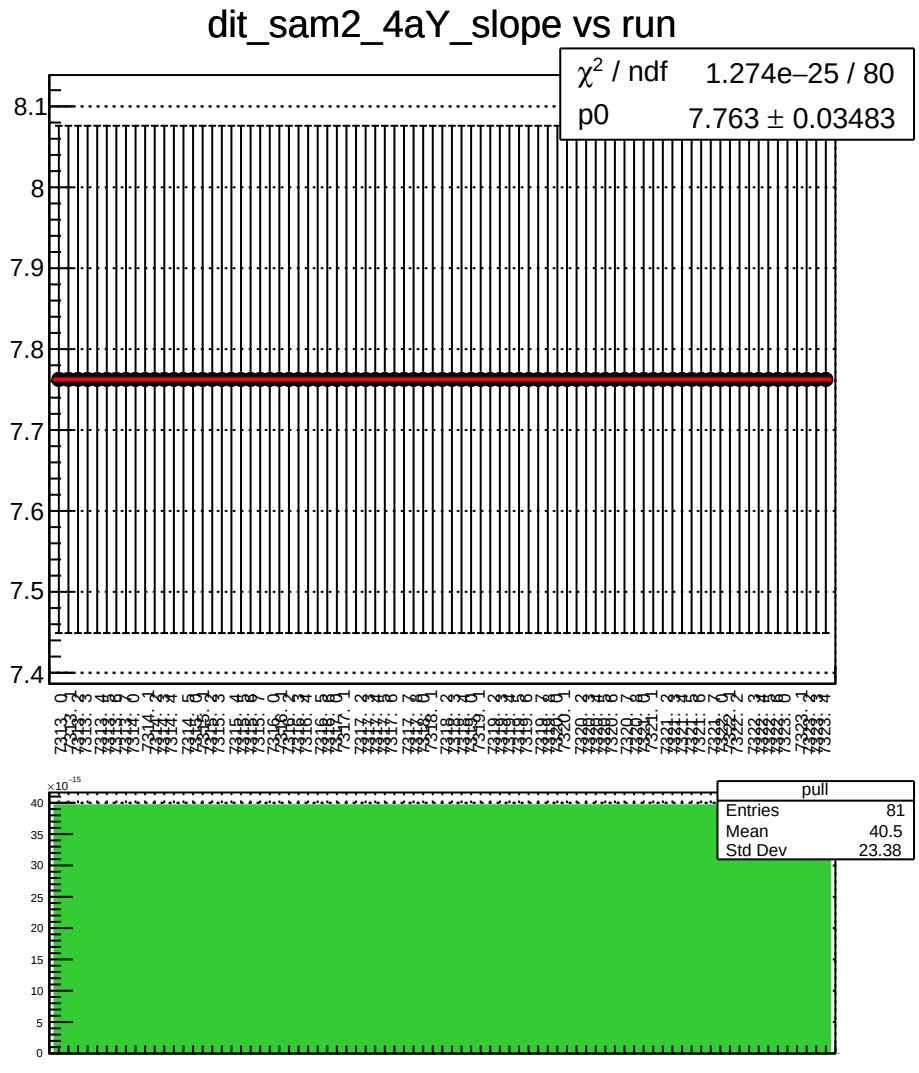

pull1D
Entries 81
Mean −1.21e−14
Std Dev7.181e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

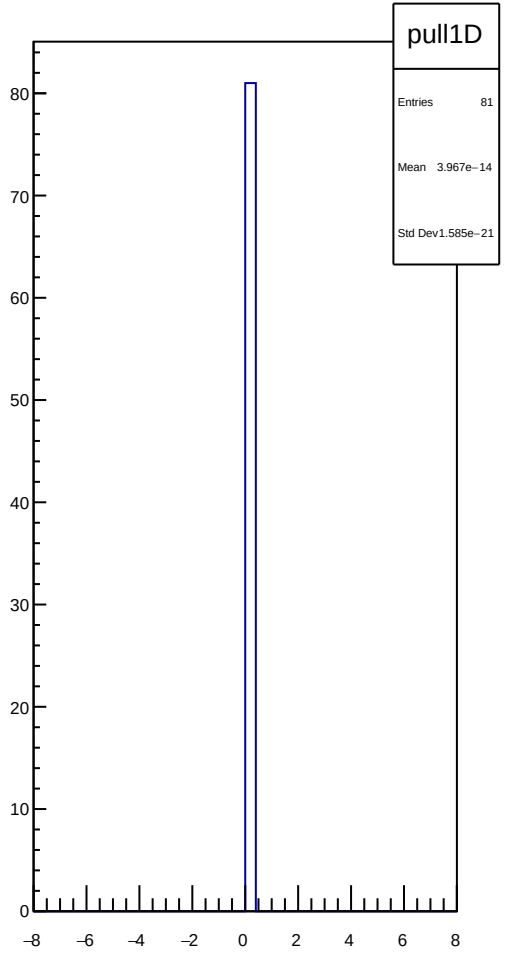

dit_sam2_4aX_slope vs run
χ² / ndf 9.662e−27 / 80
p0 25.42 ± 0.4337
pull
Entries 81
Mean 40.5
Std Dev 23.38
pull1D
Entries 81
Mean −1.092e−14
Std Dev5.603e−22

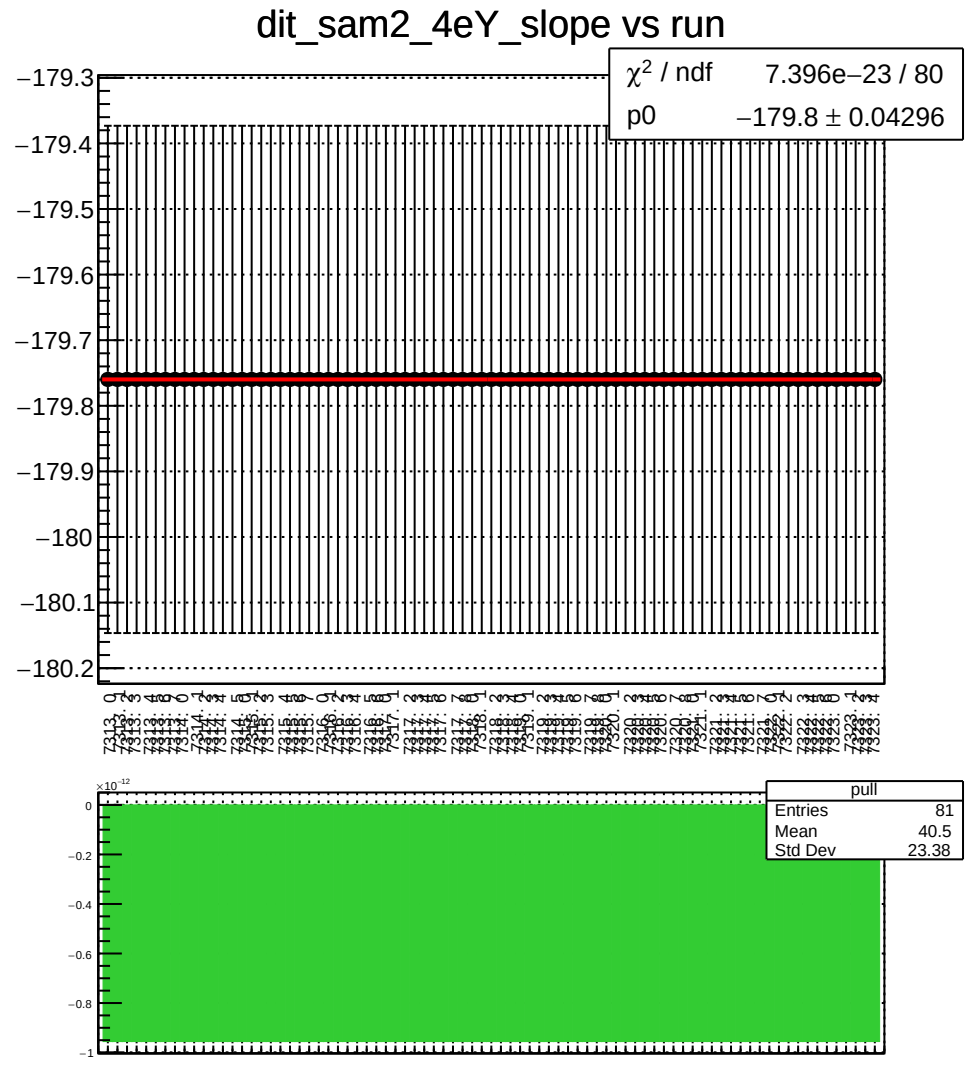

dit_sam2_4eX_slope vs run
χ² / ndf 2.798e−25 / 80
p0 −184.5 ± 0.3761
−181
−182
−183
−184
−185
−186
−187
−188
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−10
−20
−30
−40
−50
−60
pull1D
Entries 81
Mean −5.877e−14
Std Dev2.679e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

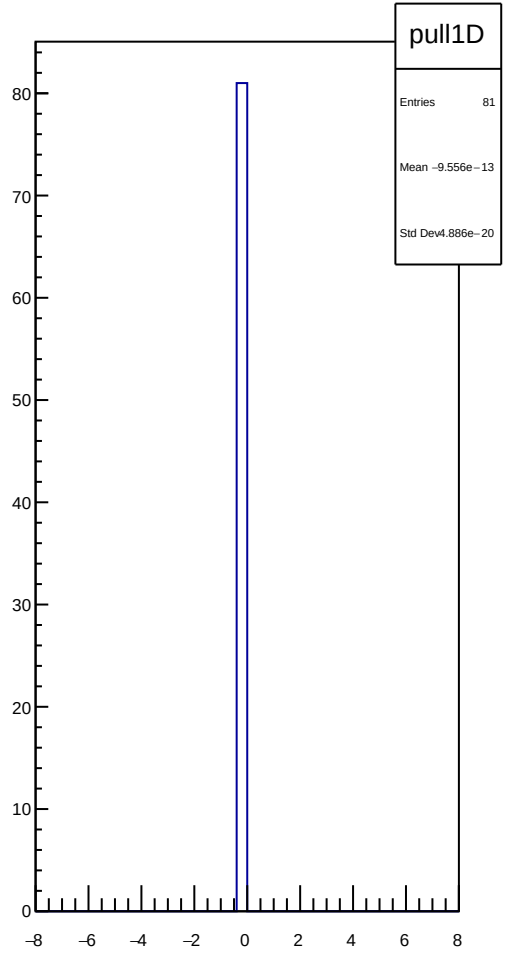

dit_sam2_11X12X_slope vs run
χ² / ndf 8.084e−27 / 80
p0 0.6454 ± 0.007409
0.72
0.7
0.68
0.66
0.64
0.62
0.6
0.58
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
10
8
6
4
2
0

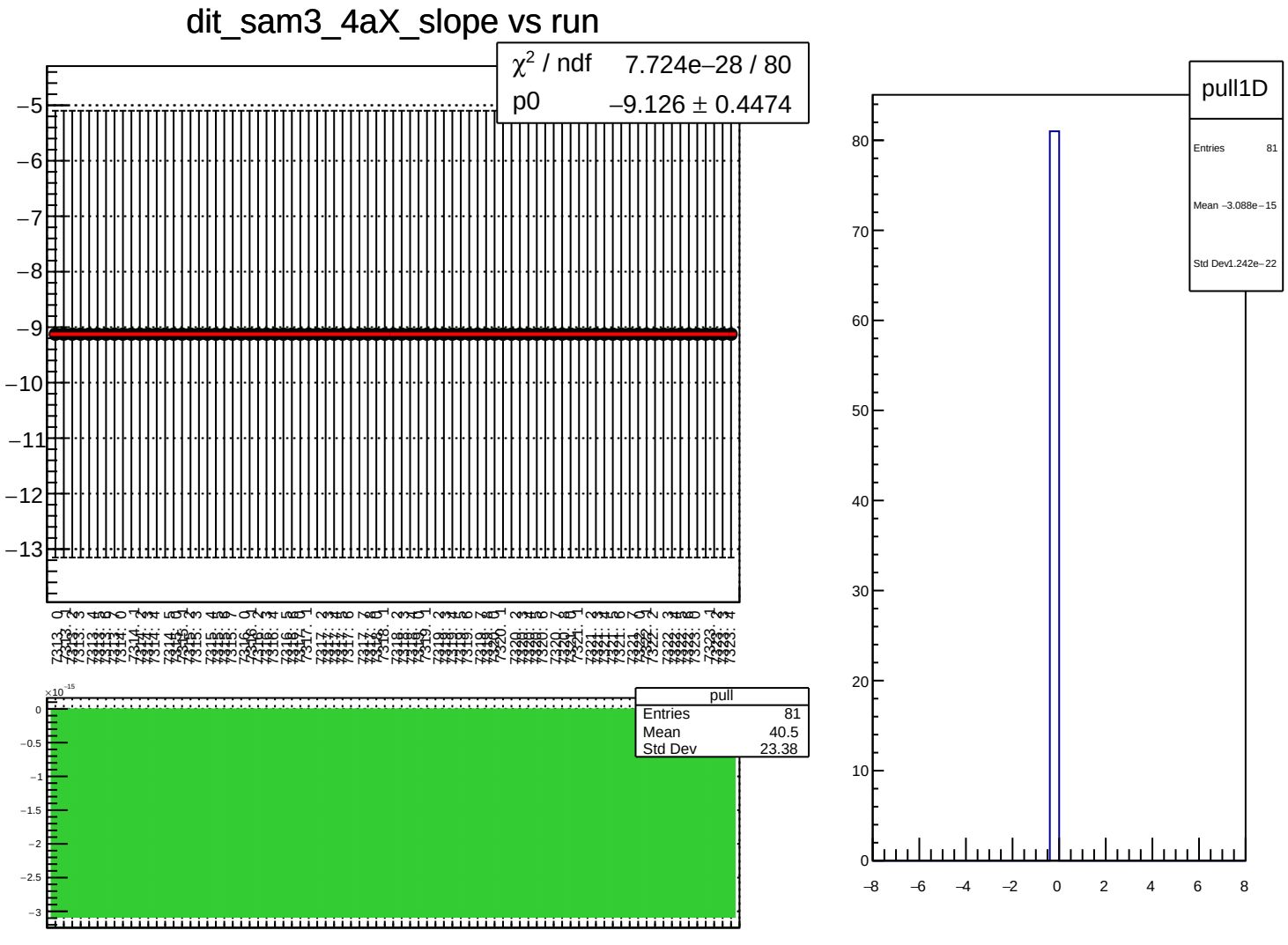

pull1D
Entries 81
Mean 9.99e−15
Std Dev 5.989e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

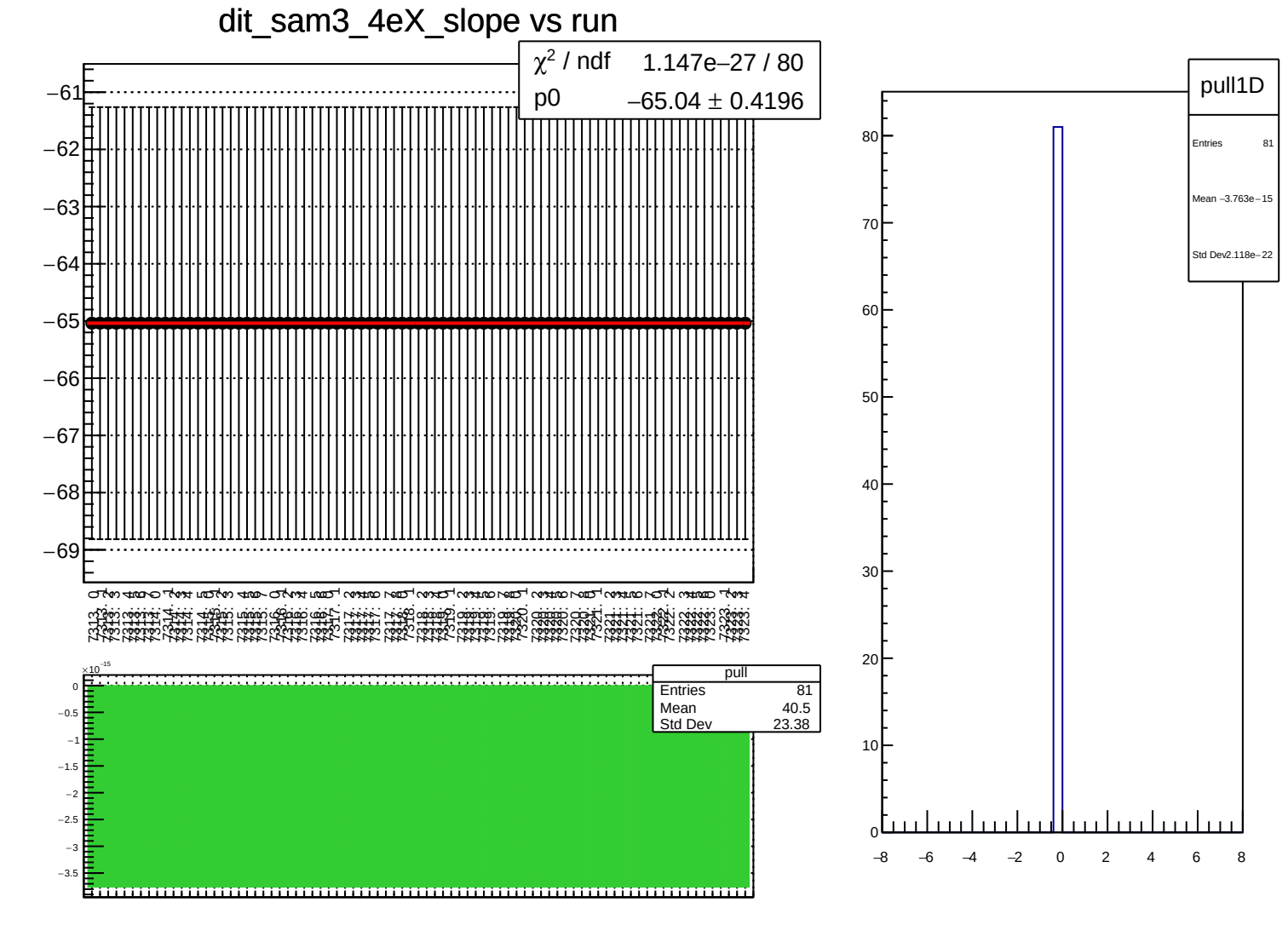

dit_sam2_4aY_slope vs run
χ² / ndf 1.274e−25 / 80
p0 7.763 ± 0.03483
pull
Entries 81
Mean 40.5
Std Dev 23.38

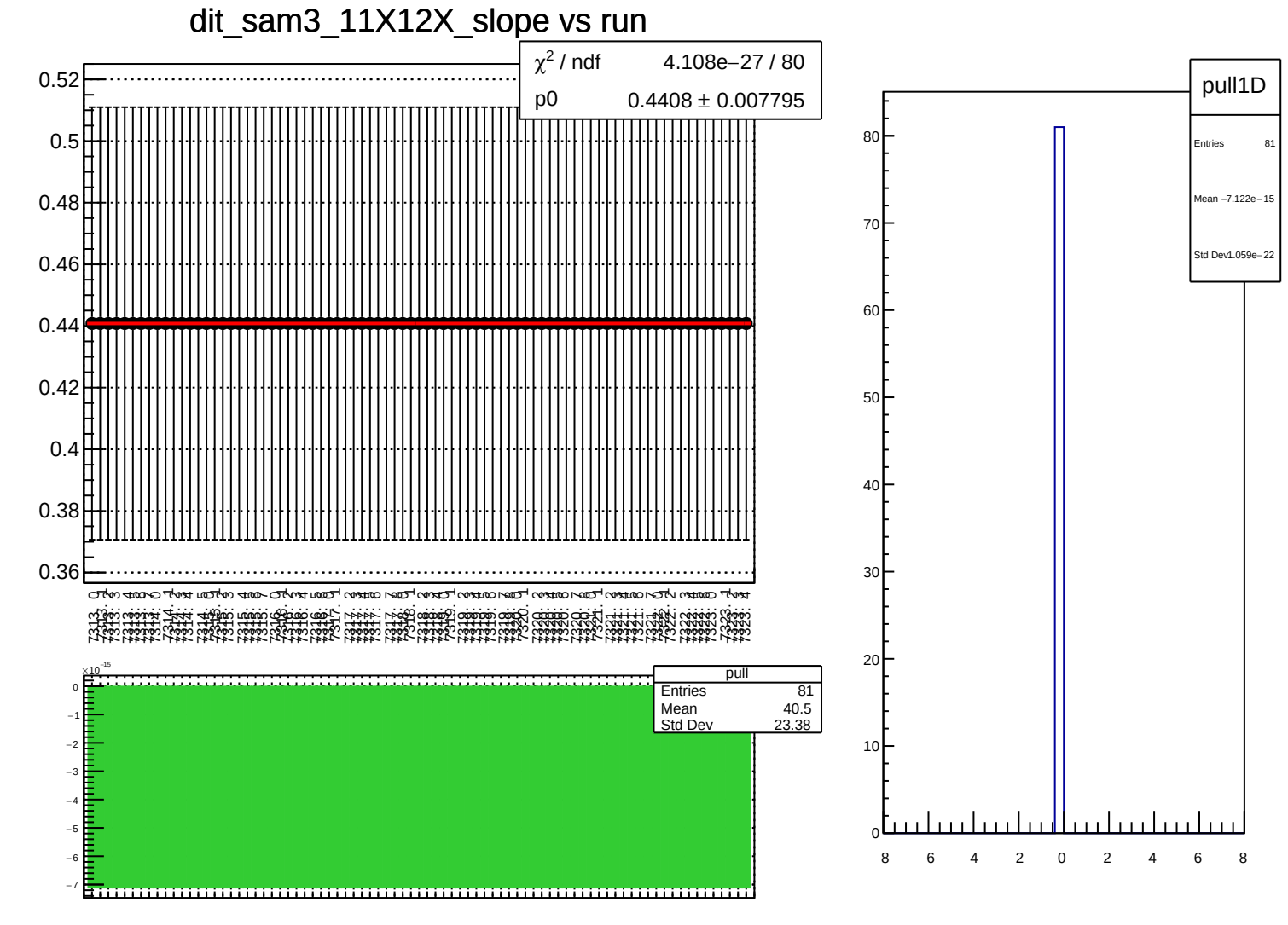

pull1D
Entries 81
Mean 3.967e−14
Std Dev1.585e−21

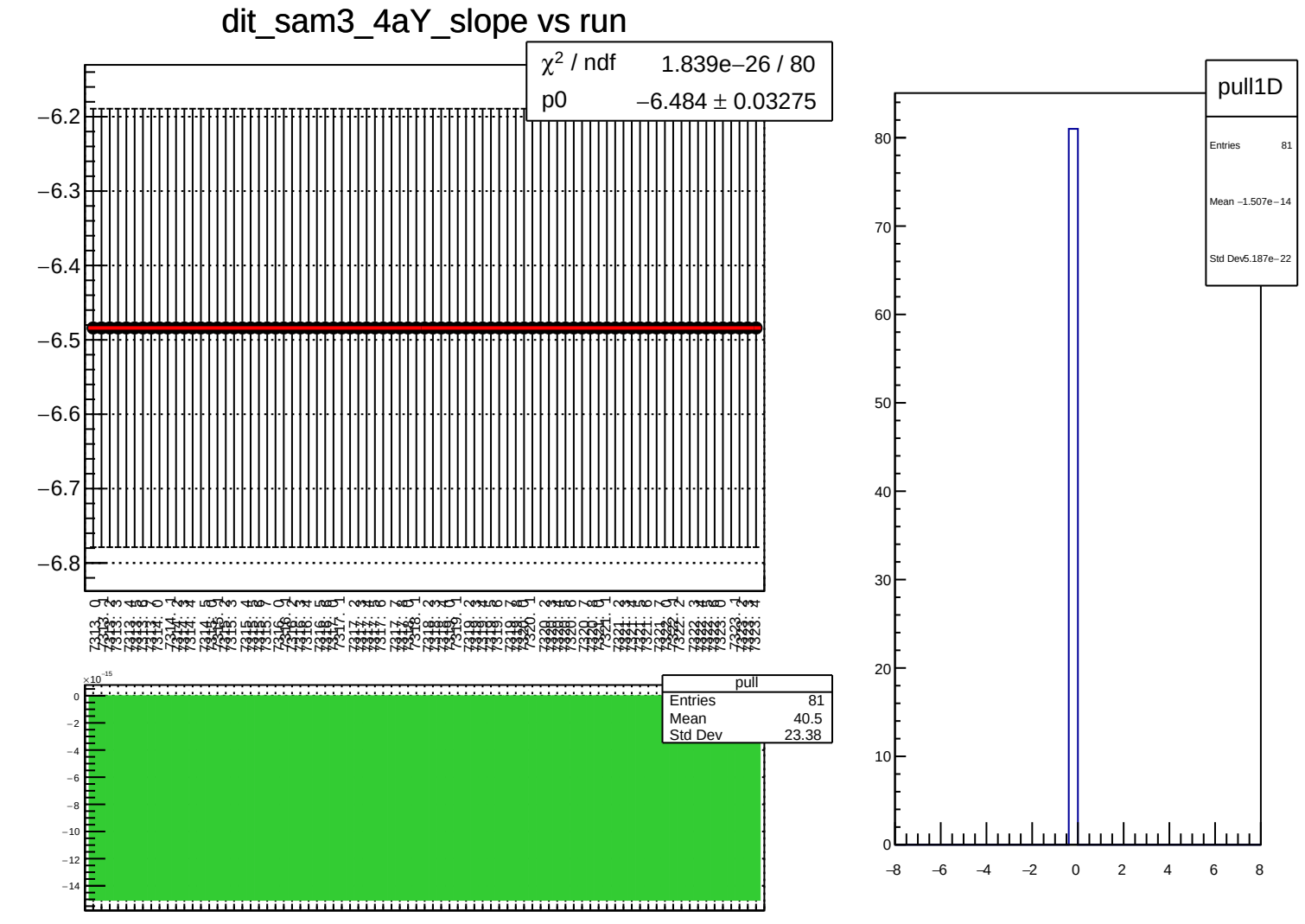

dit_sam2_4eY_slope vs run
χ² / ndf 7.396e−23 / 80
p0 −179.8 ± 0.04296
−179.3
−179.4
−179.5
−179.6
−179.7
−179.8
−179.9
−180
−180.1
−180.2
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0
−0.2
−0.4
−0.6
−0.8
−1

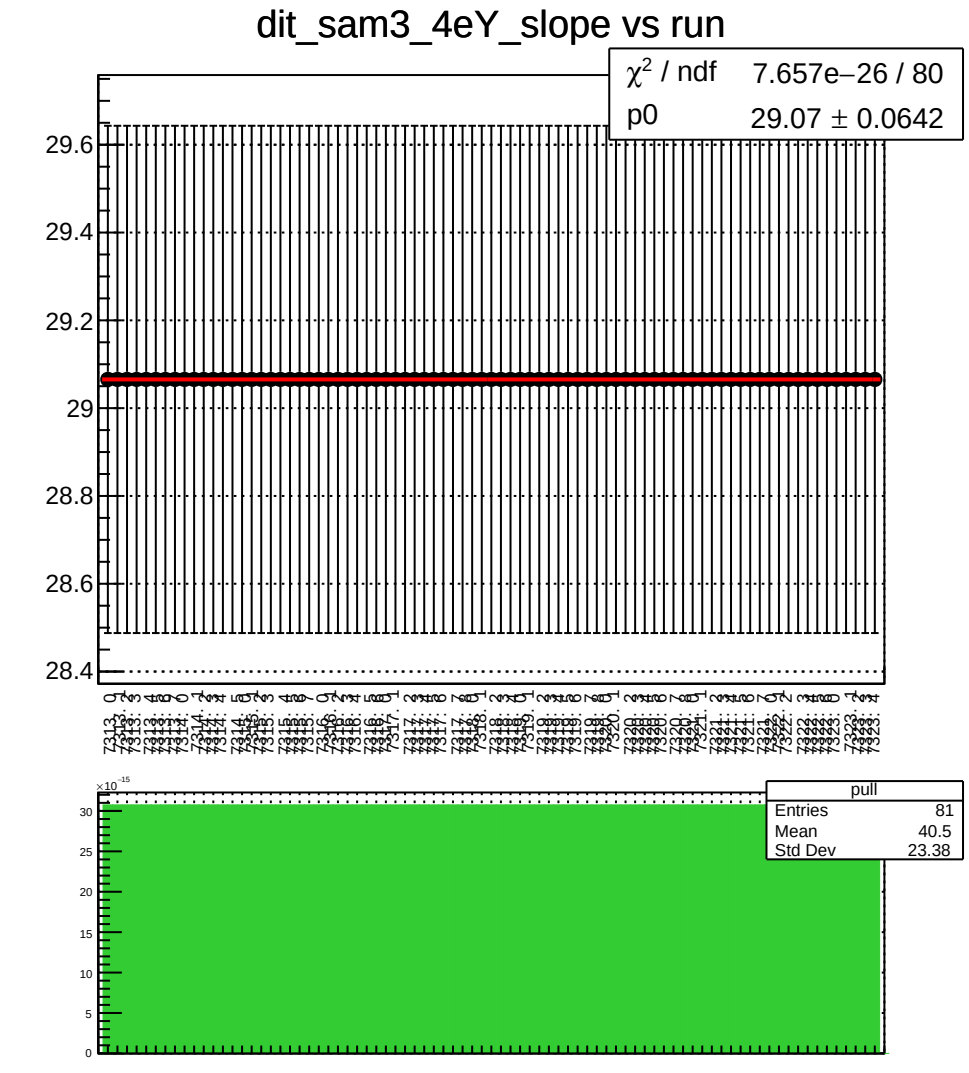

pull1D
Entries 81
Mean −9.556e−13
Std Dev4.886e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

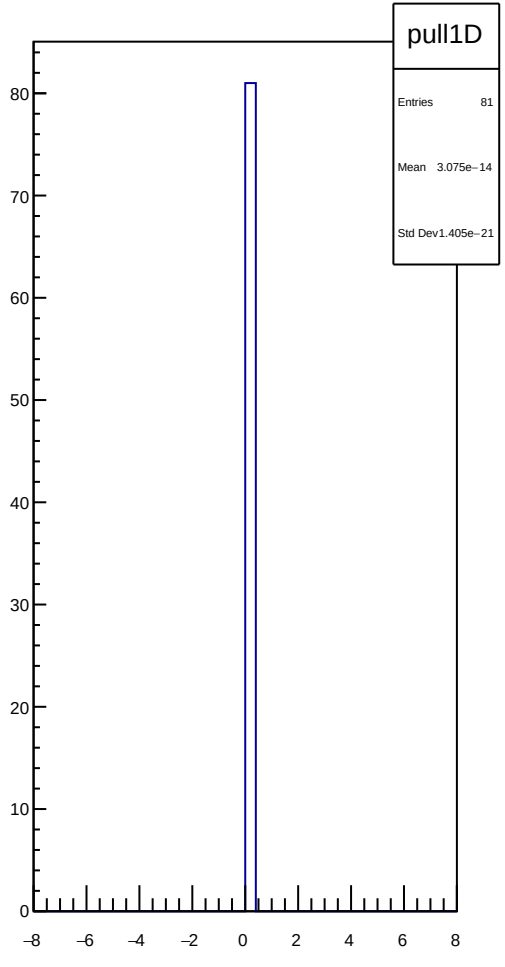

dit_sam3_4aX_slope vs run
χ² / ndf 7.724e−28 / 80
p0 −9.126 ± 0.4474
pull
Entries 81
Mean 40.5
Std Dev 23.38
pull1D
Entries 81
Mean −3.088e−15
Std Dev1.242e−22

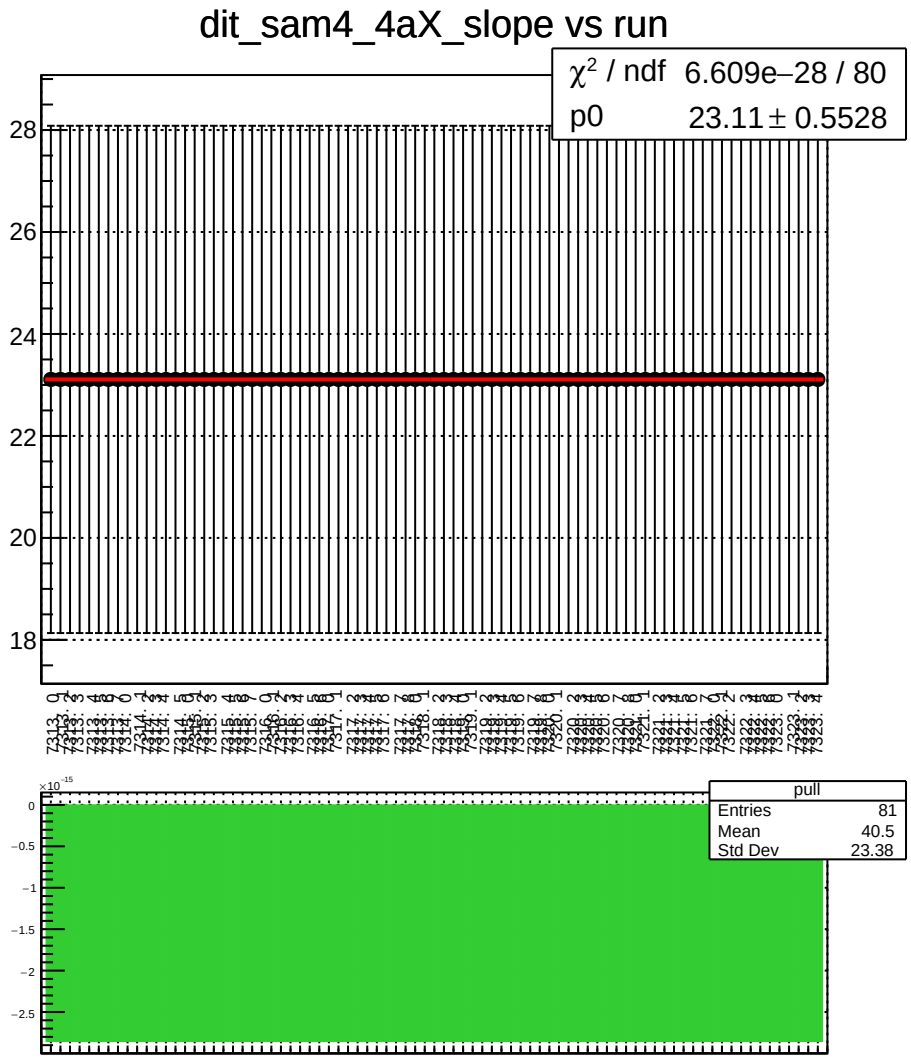

dit_sam3_4eX_slope vs run
χ² / ndf 1.147e−27 / 80
p0 −65.04 ± 0.4196
pull
Entries 81
Mean 40.5
Std Dev 23.38
pull1D
Entries 81
Mean −3.763e−15
Std Dev 2.118e−22

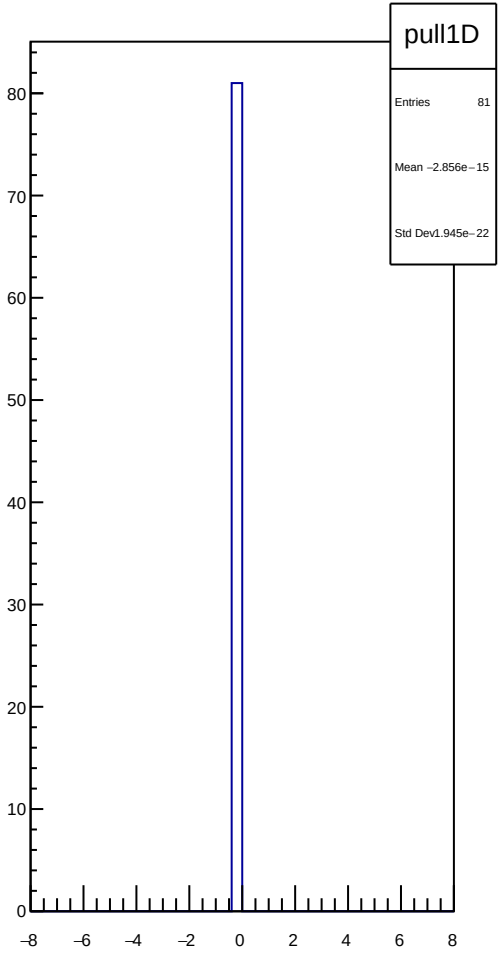

dit_sam3_11X12X_slope vs run
χ² / ndf 4.108e−27 / 80
p0 0.4408 ± 0.007795
0.52
0.5
0.48
0.46
0.44
0.42
0.4
0.38
0.36
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−1
−2
−3
−4
−5
−6
−7
pull1D
Entries 81
Mean −7.122e−15
Std Dev1.059e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

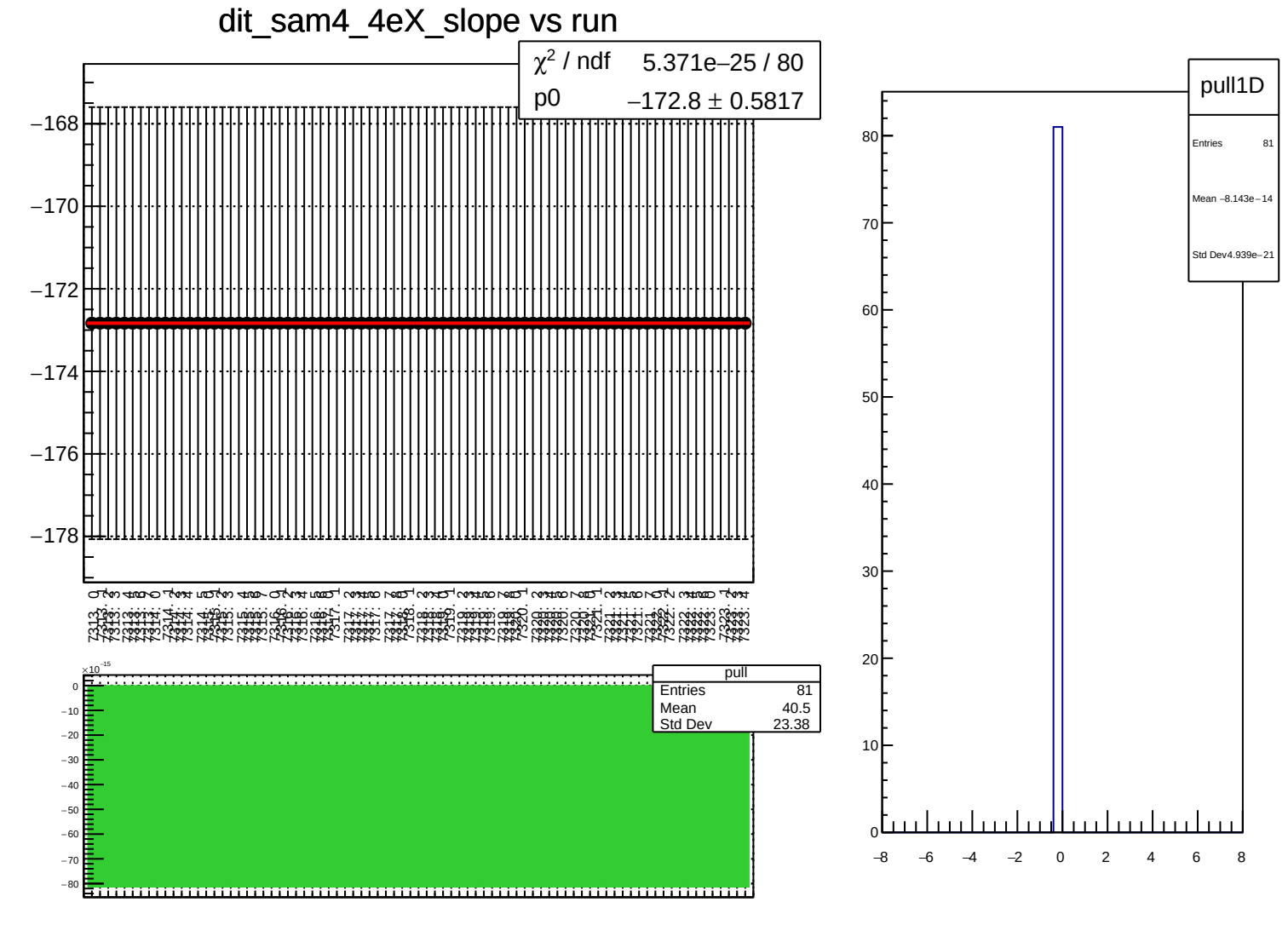

dit_sam3_4aY_slope vs run
χ² / ndf 1.839e−26 / 80
p0 −6.484 ± 0.03275
−6.2
−6.3
−6.4
−6.5
−6.6
−6.7
−6.8
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
−14
pull1D
Entries 81
Mean −1.507e−14
Std Dev5.187e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

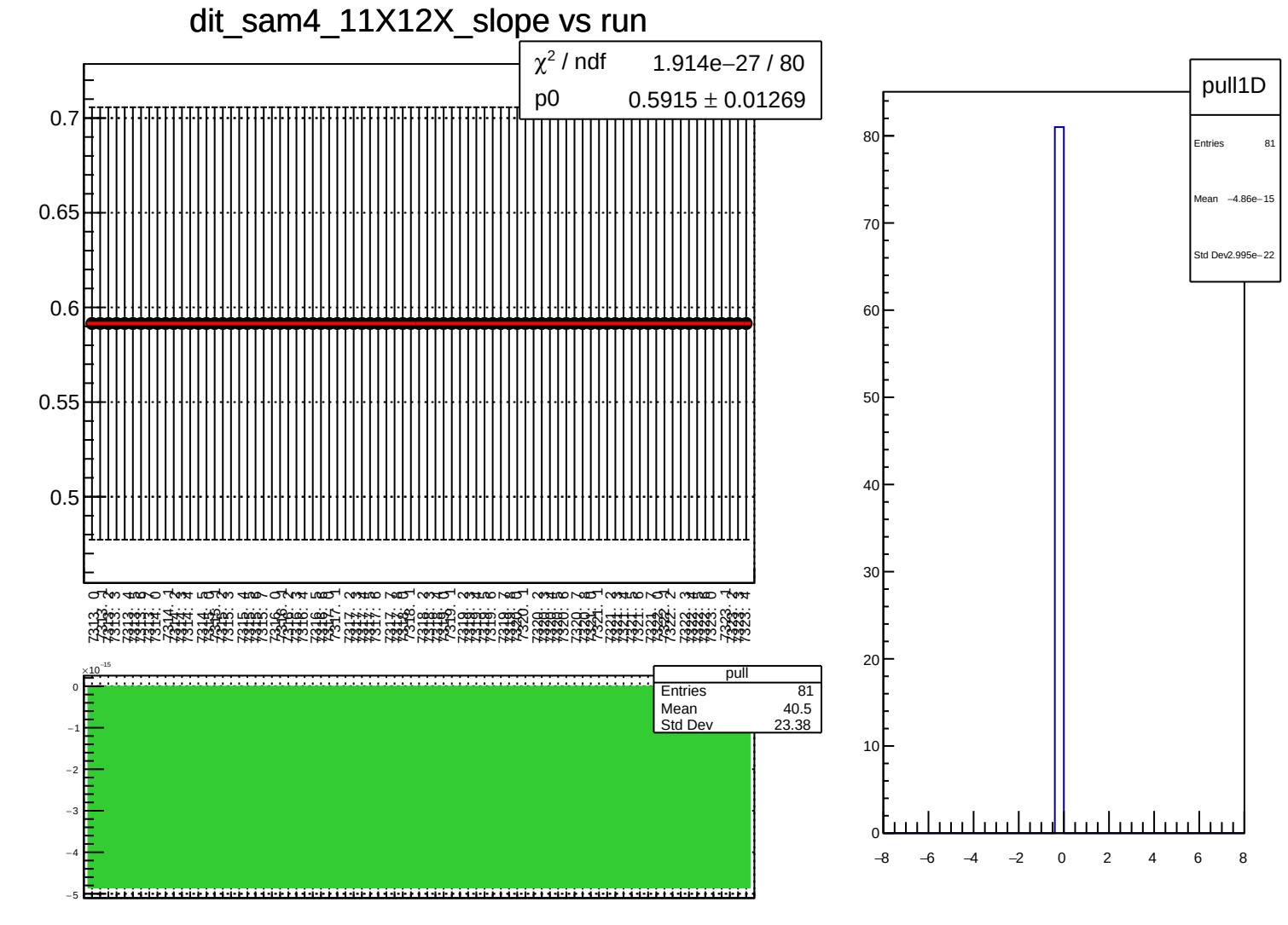

dit_sam3_4eY_slope vs run
χ² / ndf 7.657e−26 / 80
p0 29.07 ± 0.0642
29.6
29.4
29.2
29
28.8
28.6
28.4
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
30
25
20
15
10
5
0

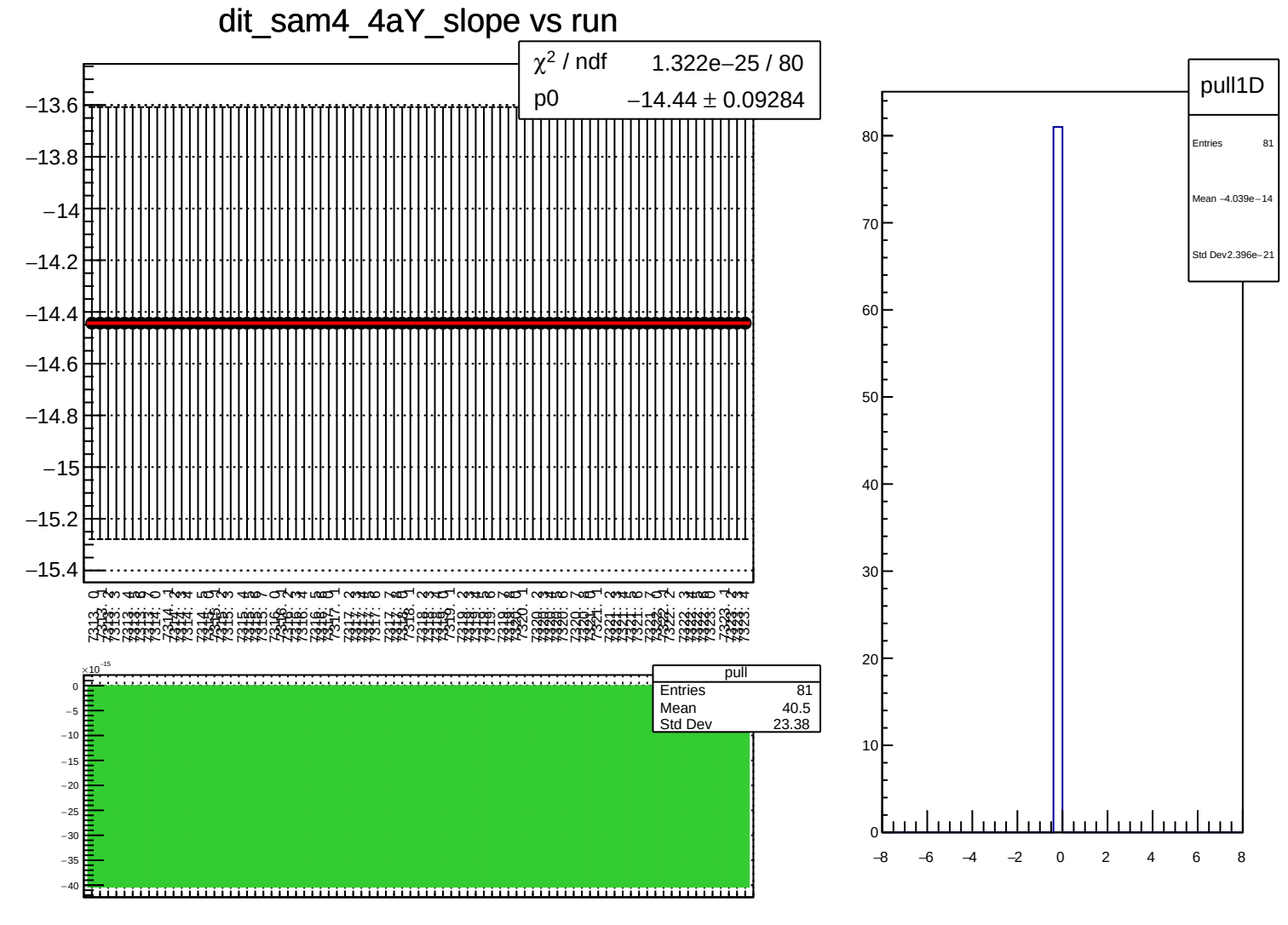

pull1D
Entries 81
Mean 3.075e−14
Std Dev1.405e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

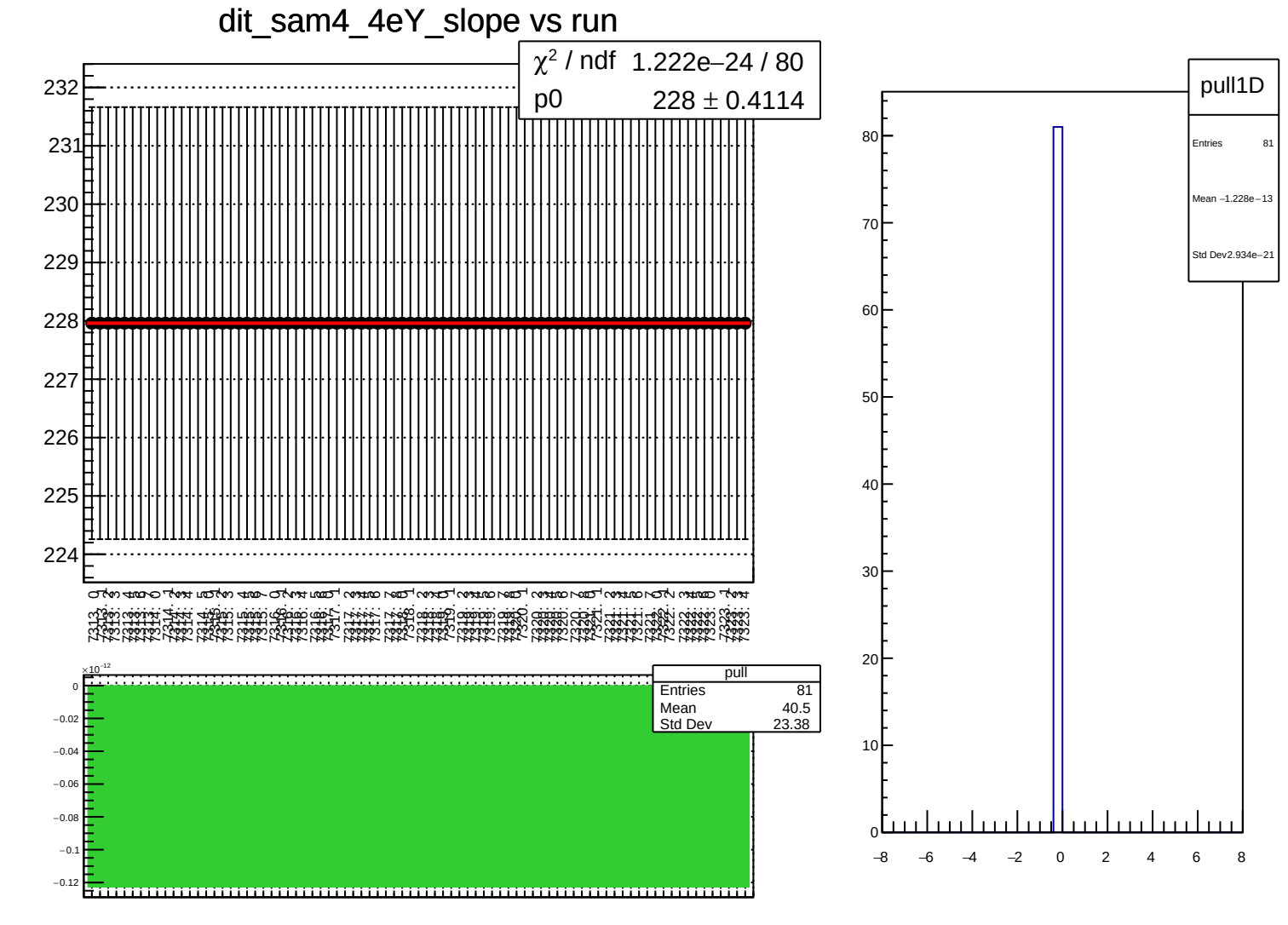

dit_sam4_4aX_slope vs run
χ^2 / ndf 6.609e−28 / 80
p0 23.11 ± 0.5528
pull
Entries 81
Mean 40.5
Std Dev 23.38

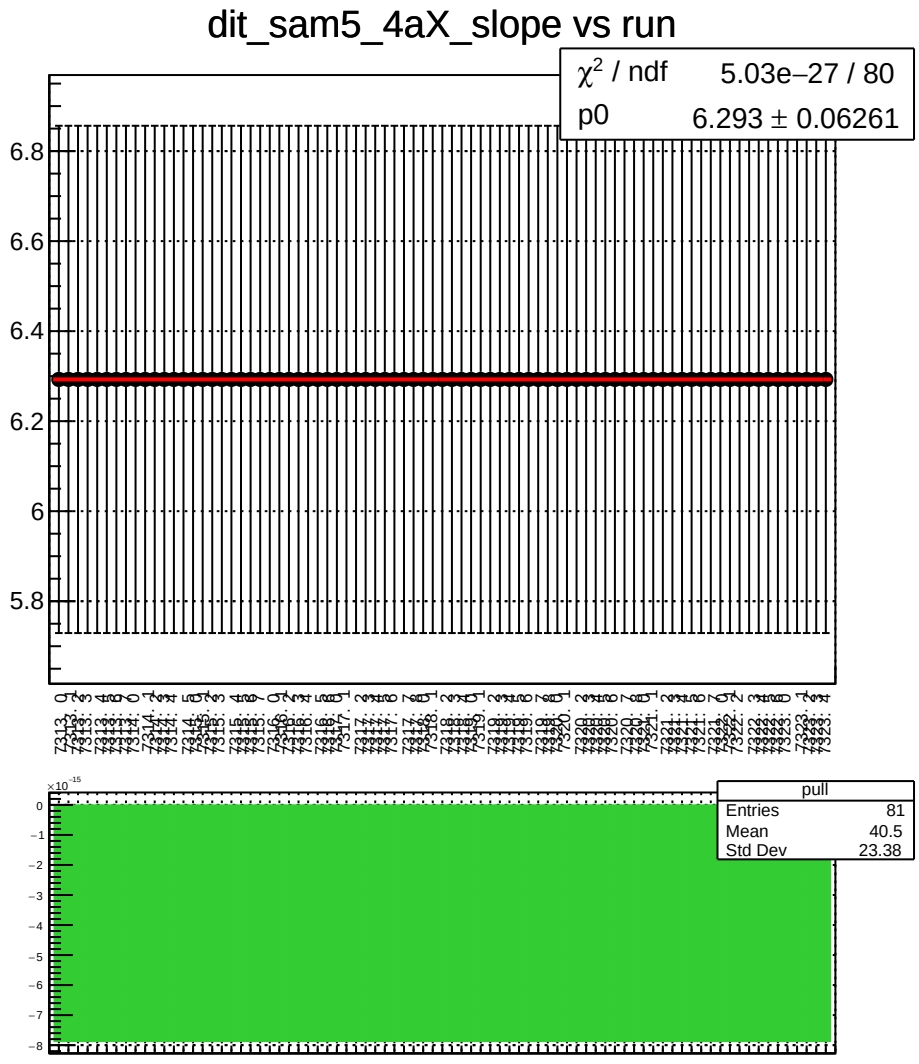

pull1D
Entries 81
Mean −2.856e−15
Std Dev1.945e−22

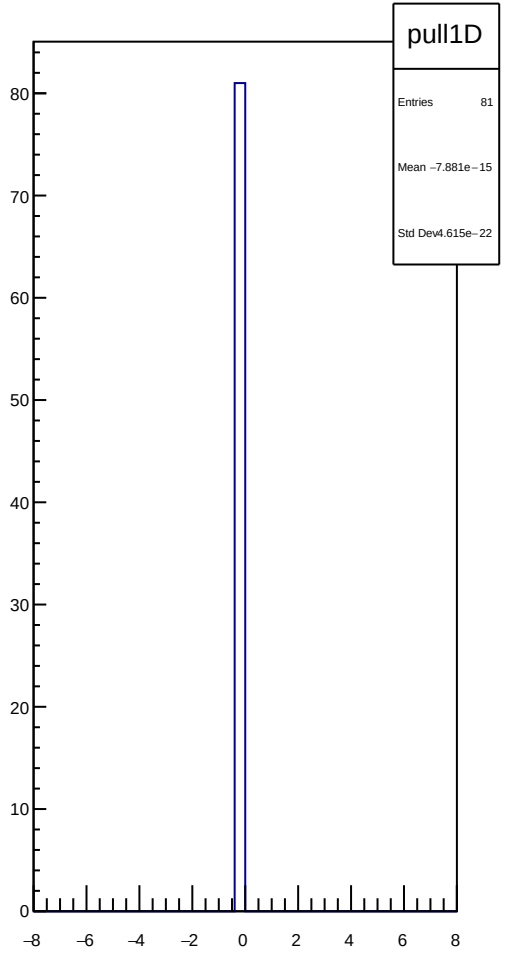

dit_sam4_4eX_slope vs run
χ² / ndf 5.371e−25 / 80
p0 −172.8 ± 0.5817
−168
−170
−172
−174
−176
−178
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−10
−20
−30
−40
−50
−60
−70
−80
pull1D
Entries 81
Mean −8.143e−14
Std Dev4.939e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

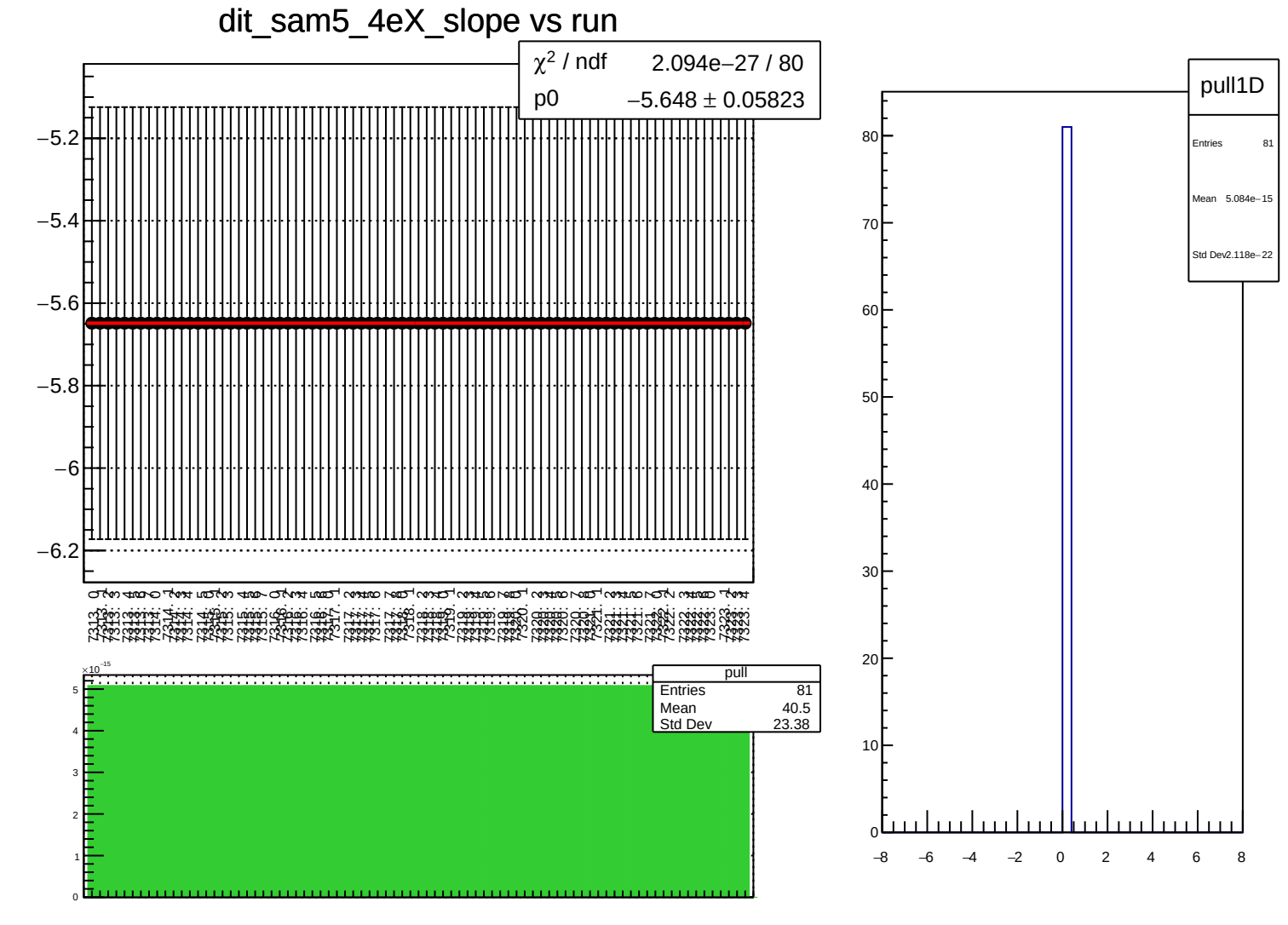

dit_sam4_11X12X_slope vs run
χ² / ndf 1.914e−27 / 80
p0 0.5915 ± 0.01269
0.7
0.65
0.6
0.55
0.5
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−1
−2
−3
−4
−5
pull1D
Entries 81
Mean −4.86e−15
Std Dev 2.995e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

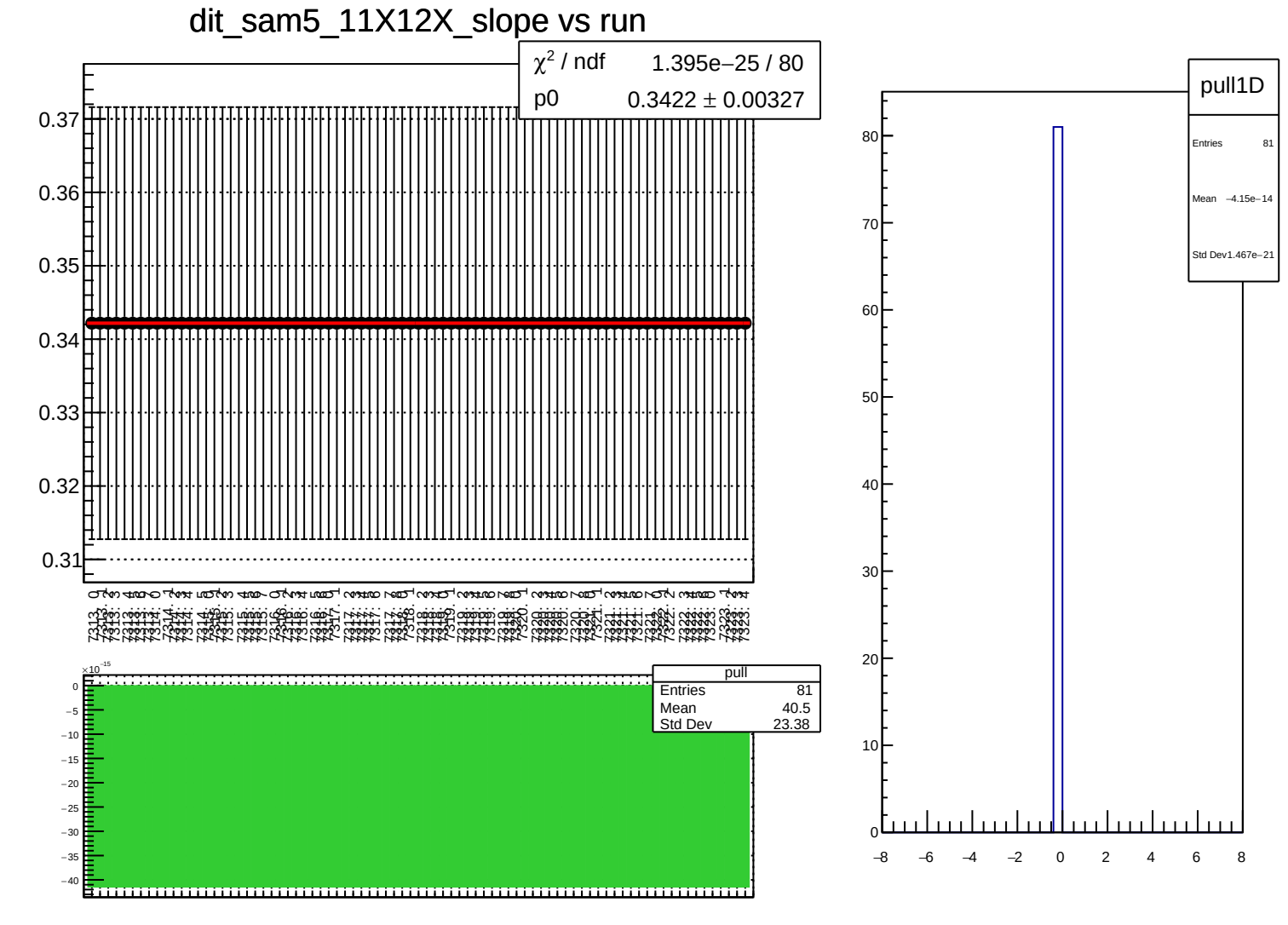

dit_sam4_4aY_slope vs run
χ² / ndf 1.322e−25 / 80
p0 −14.44 ± 0.09284
−13.6
−13.8
−14
−14.2
−14.4
−14.6
−14.8
−15
−15.2
−15.4
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30
−35
−40
pull1D
Entries 81
Mean −4.039e−14
Std Dev2.396e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

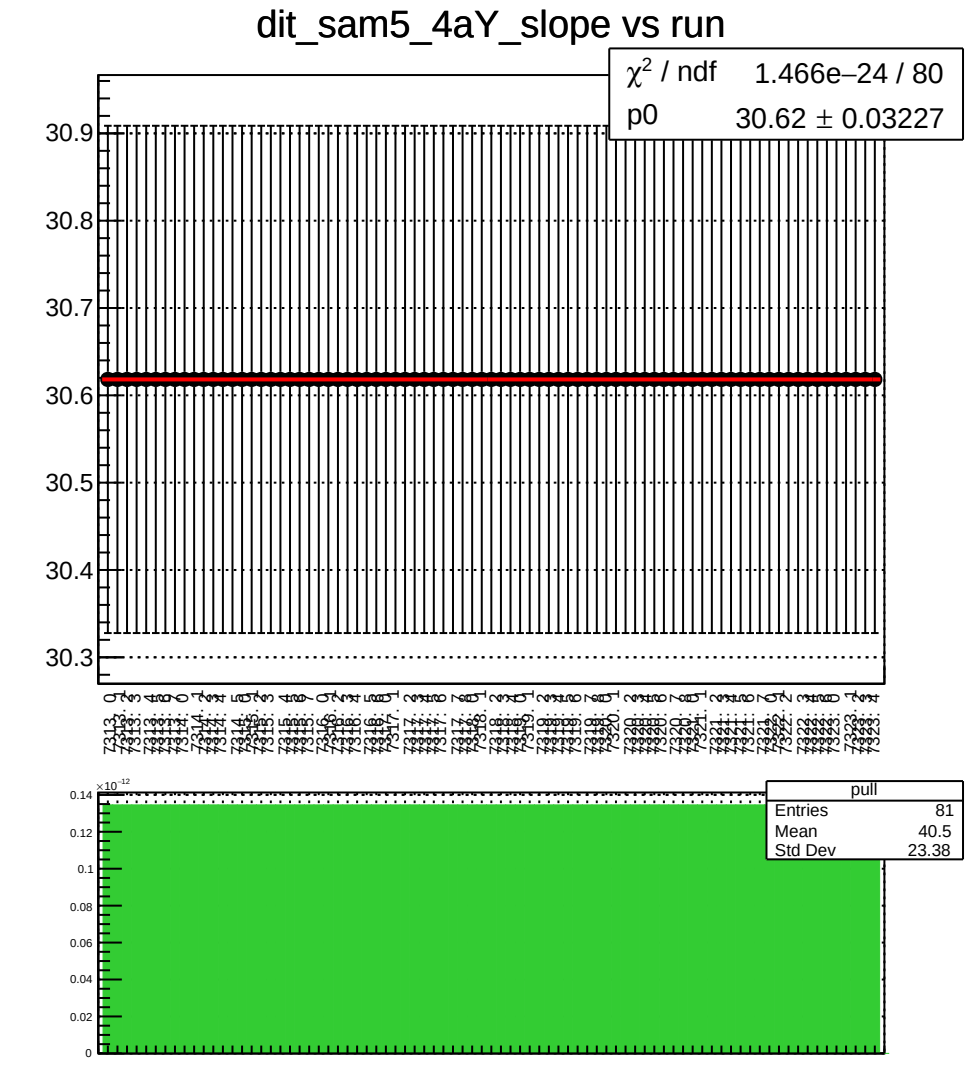

dit_sam4_4eY_slope vs run
χ² / ndf 1.222e−24 / 80
p0 228 ± 0.4114
pull
Entries 81
Mean 40.5
Std Dev 23.38
pull1D
Entries 81
Mean −1.228e−13
Std Dev2.934e−21

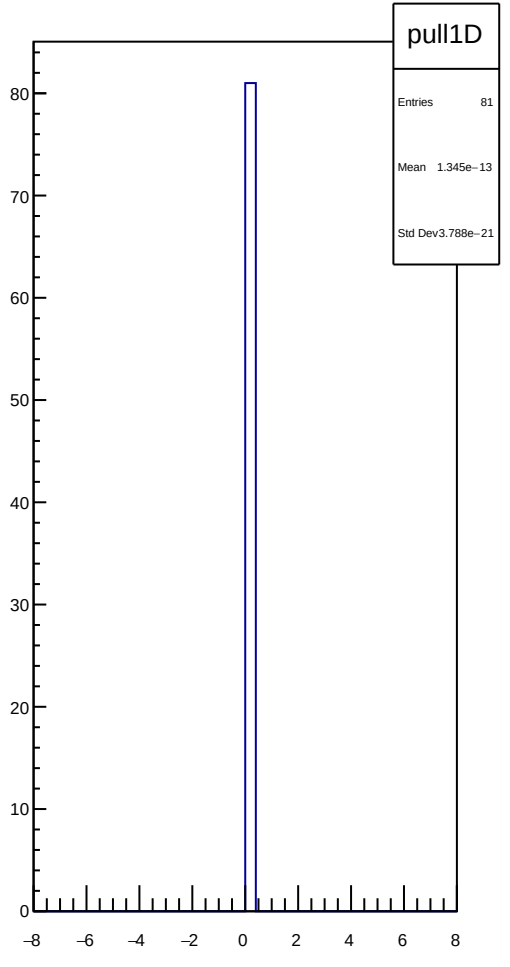

dit_sam5_4aX_slope vs run
χ² / ndf 5.03e−27 / 80
p0 6.293 ± 0.06261
pull
Entries 81
Mean 40.5
Std Dev 23.38

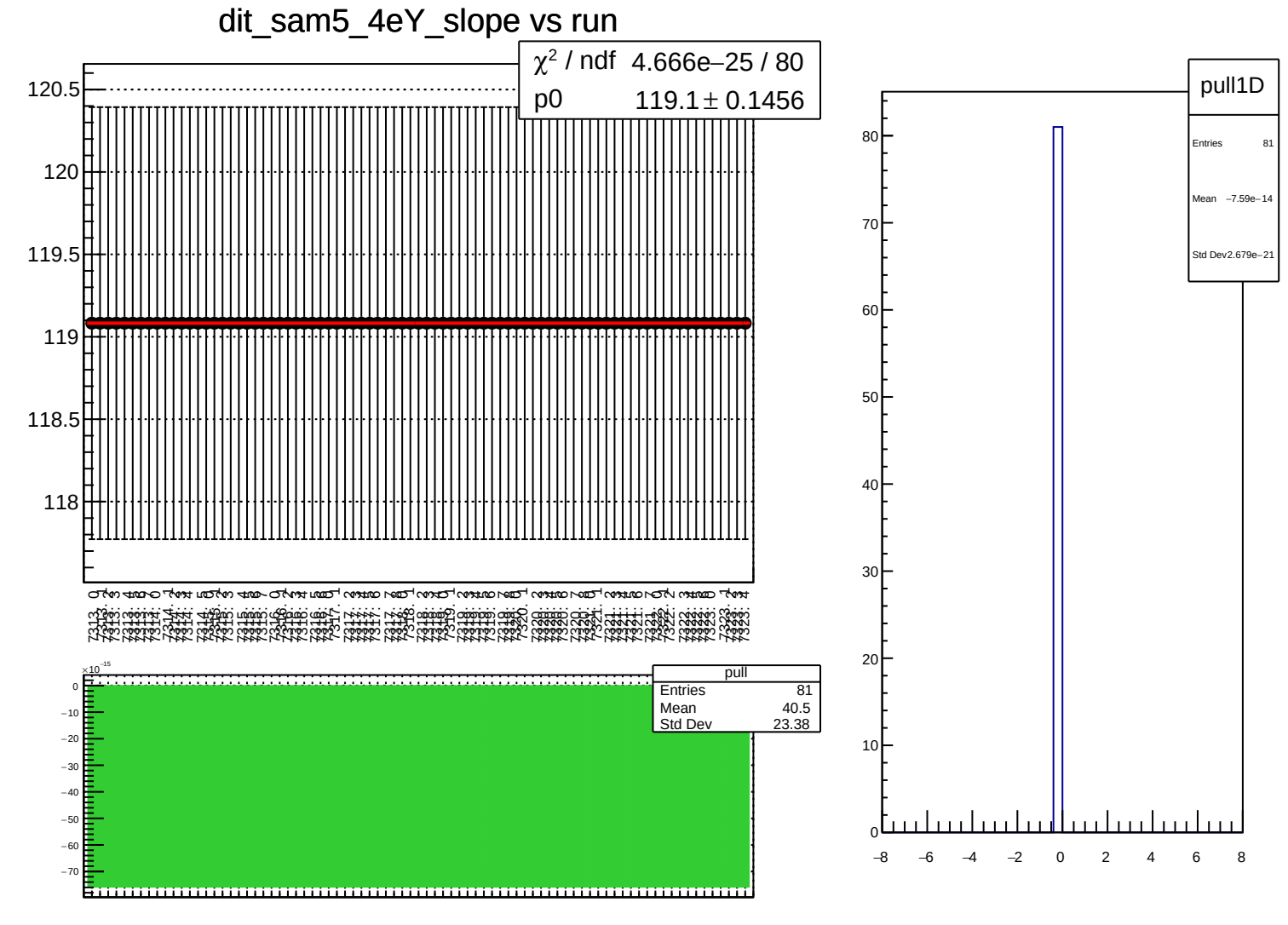

pull1D
Entries 81
Mean −7.881e−15
Std Dev4.615e−22

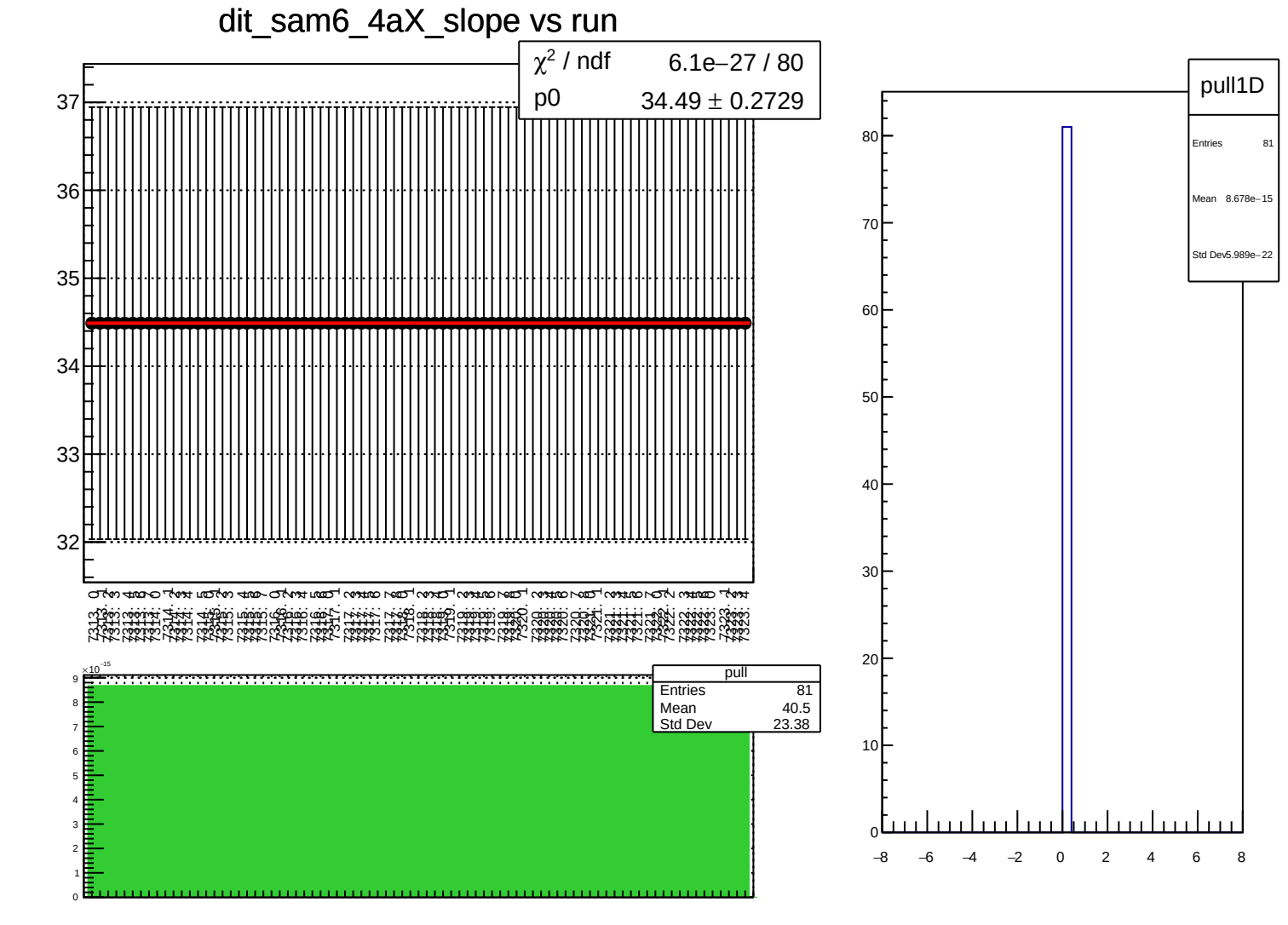

dit_sam5_4eX_slope vs run
χ² / ndf 2.094e−27 / 80
p0 −5.648 ± 0.05823
−5.2
−5.4
−5.6
−5.8
−6
−6.2
pull
Entries 81
Mean 40.5
Std Dev 23.38
pull1D
Entries 81
Mean 5.084e−15
Std Dev 2.118e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

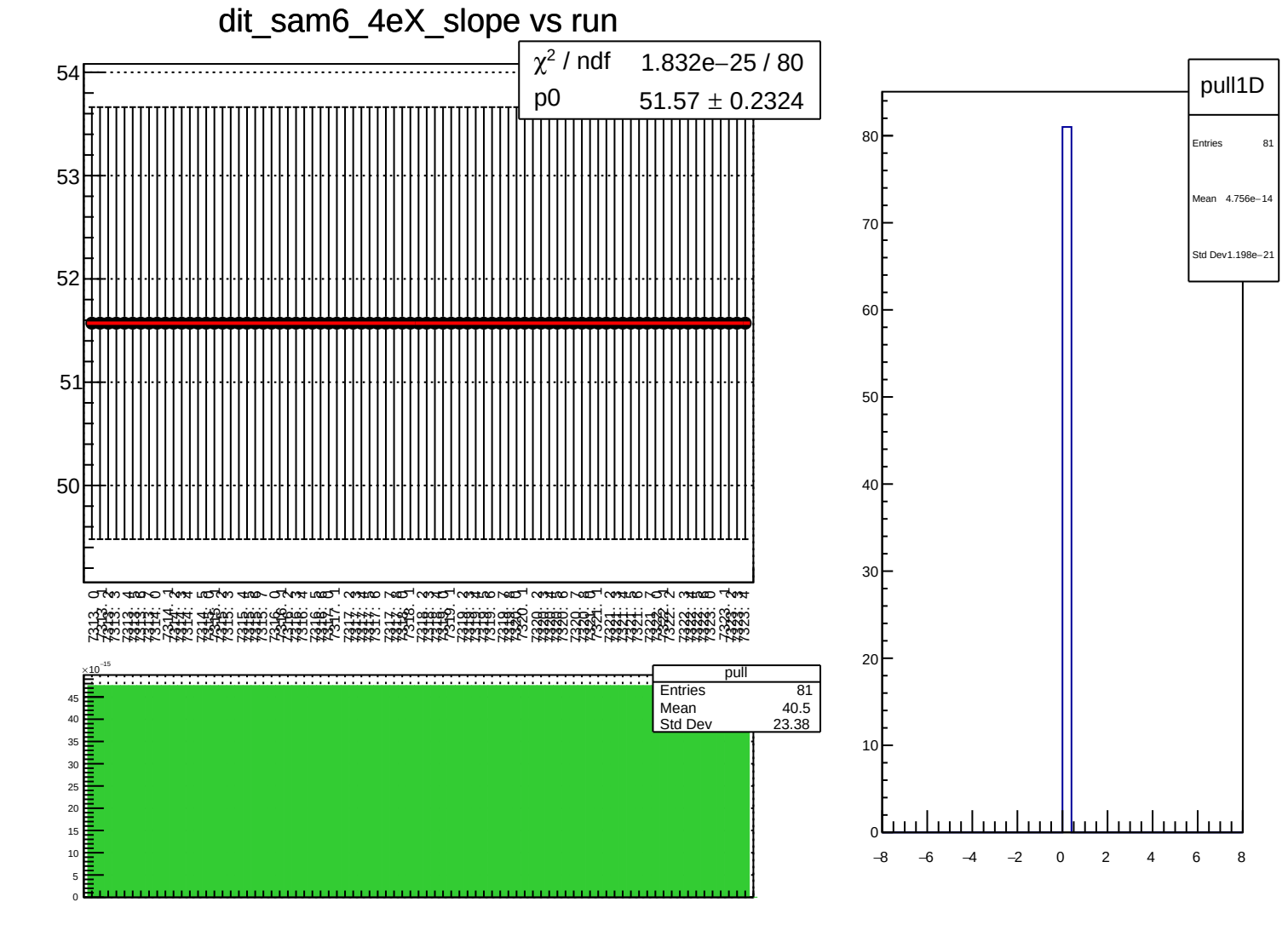

dit_sam5_11X12X_slope vs run
χ² / ndf 1.395e−25 / 80
p0 0.3422 ± 0.00327
0.37
0.36
0.35
0.34
0.33
0.32
0.31
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30
−35
−40
pull1D
Entries 81
Mean −4.15e−14
Std Dev1.467e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

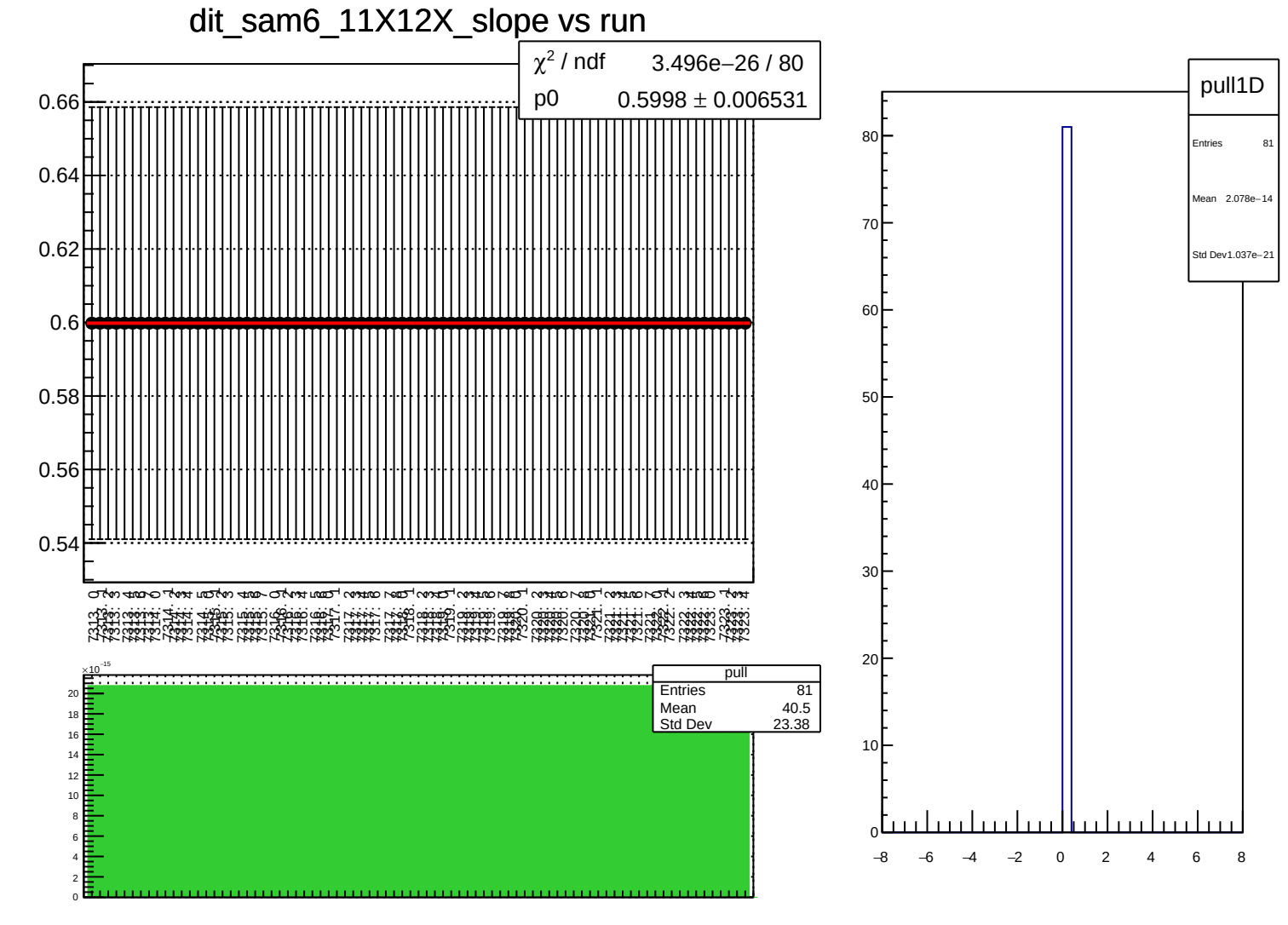

dit_sam5_4aY_slope vs run
χ² / ndf 1.466e−24 / 80
p0 30.62 ± 0.03227
30.9
30.8
30.7
30.6
30.5
30.4
30.3
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0

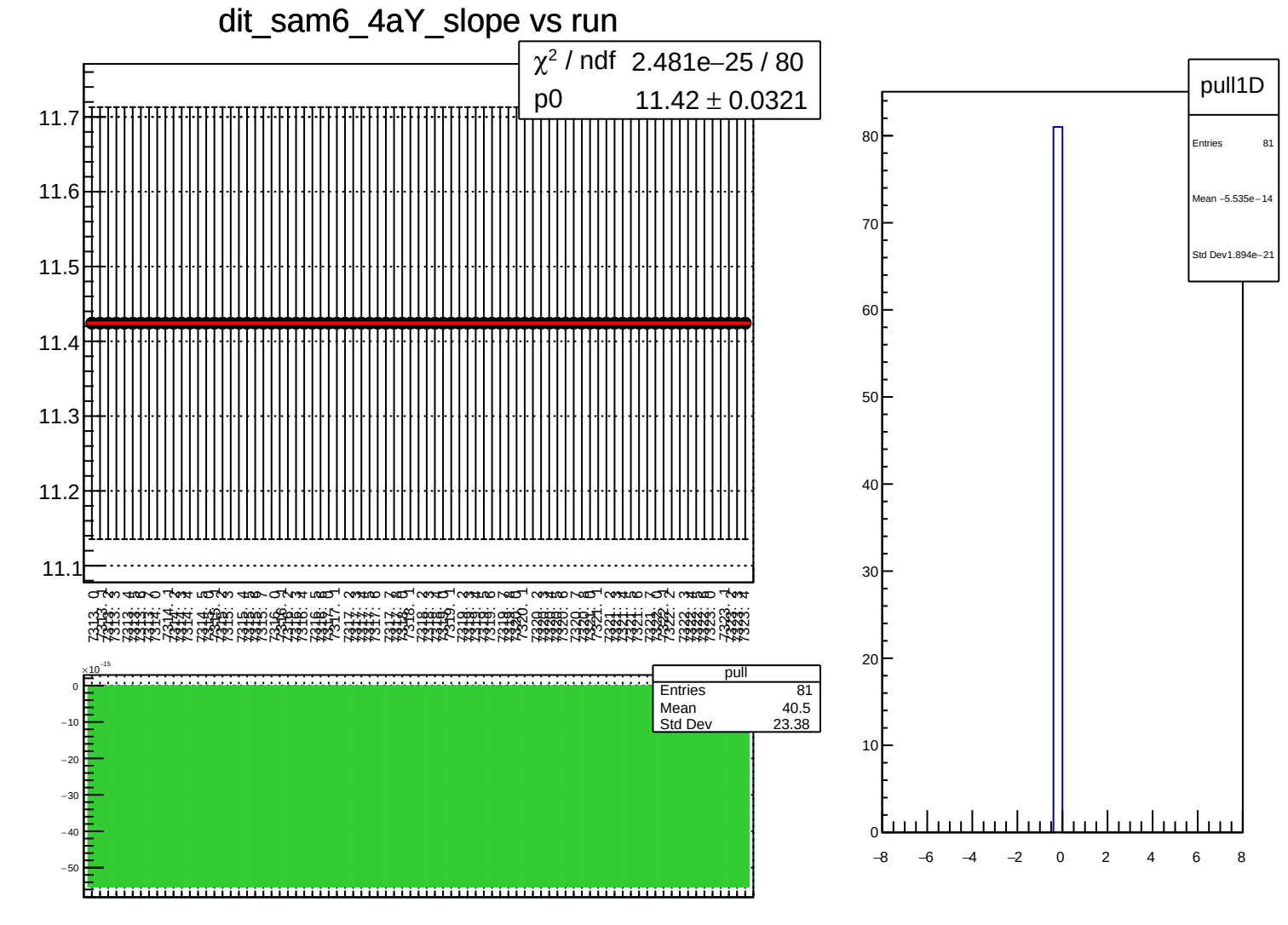

pull1D
Entries 81
Mean 1.345e−13
Std Dev 3.788e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

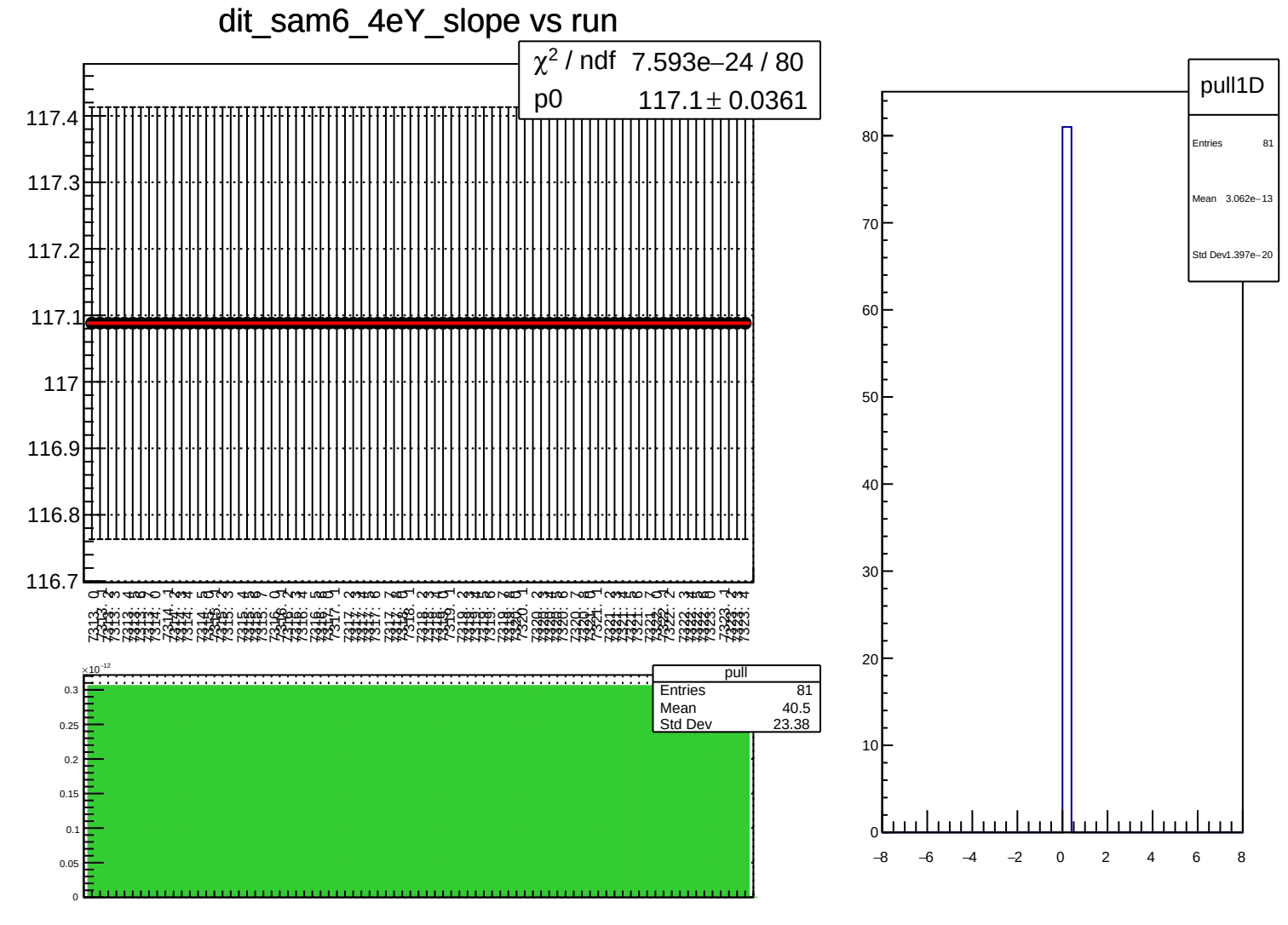

dit_sam5_4eY_slope vs run
χ^2 / ndf 4.666e−25 / 80
p0 119.1 ± 0.1456
120.5
120
119.5
119
118.5
118
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10^-15
0
−10
−20
−30
−40
−50
−60
−70
pull1D
Entries 81
Mean −7.59e−14
Std Dev2.679e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

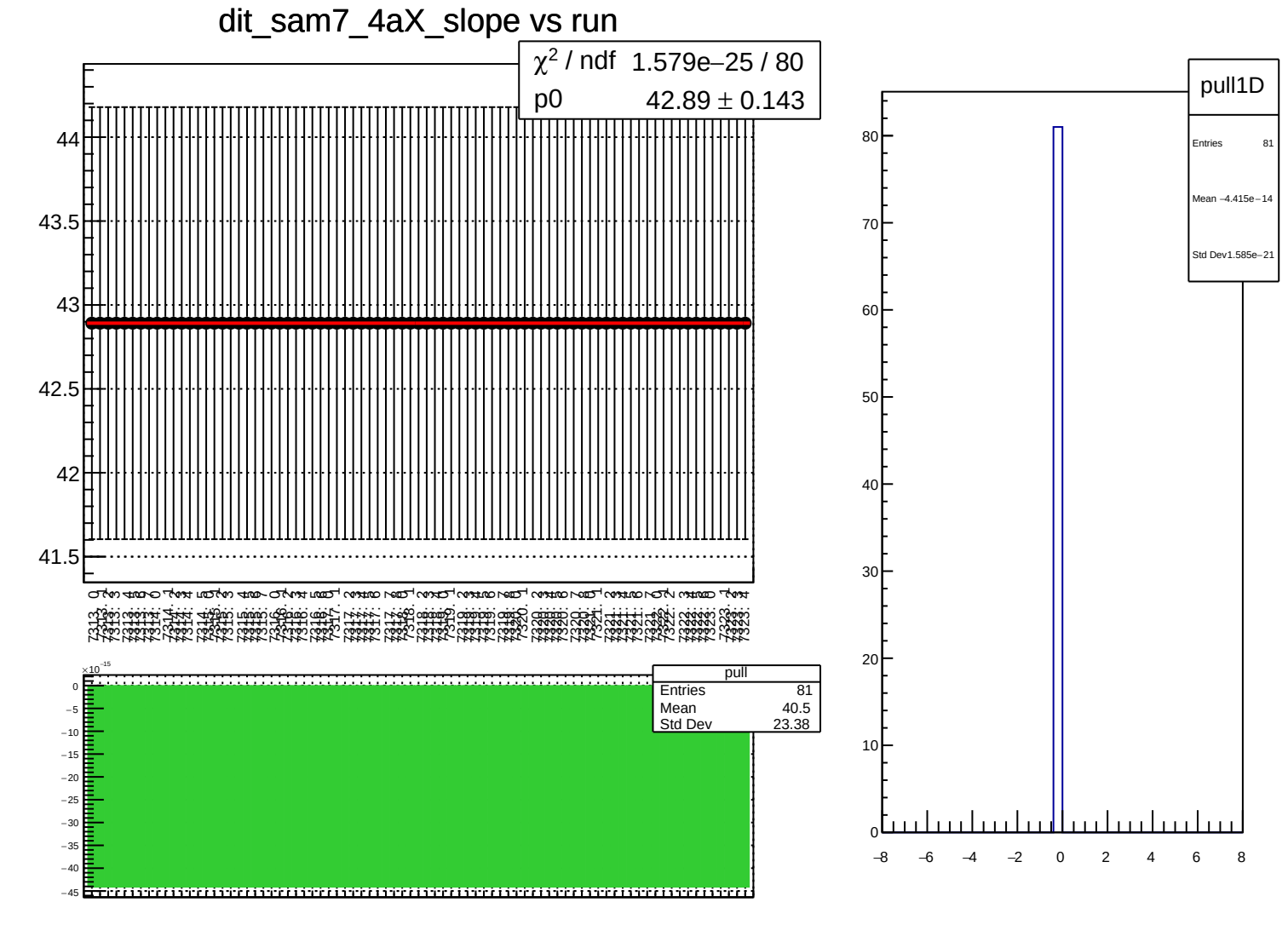

dit_sam6_4aX_slope vs run
χ² / ndf 6.1e−27 / 80
p0 34.49 ± 0.2729
pull
Entries 81
Mean 40.5
Std Dev 23.38
pull1D
Entries 81
Mean 8.678e−15
Std Dev 5.989e−22

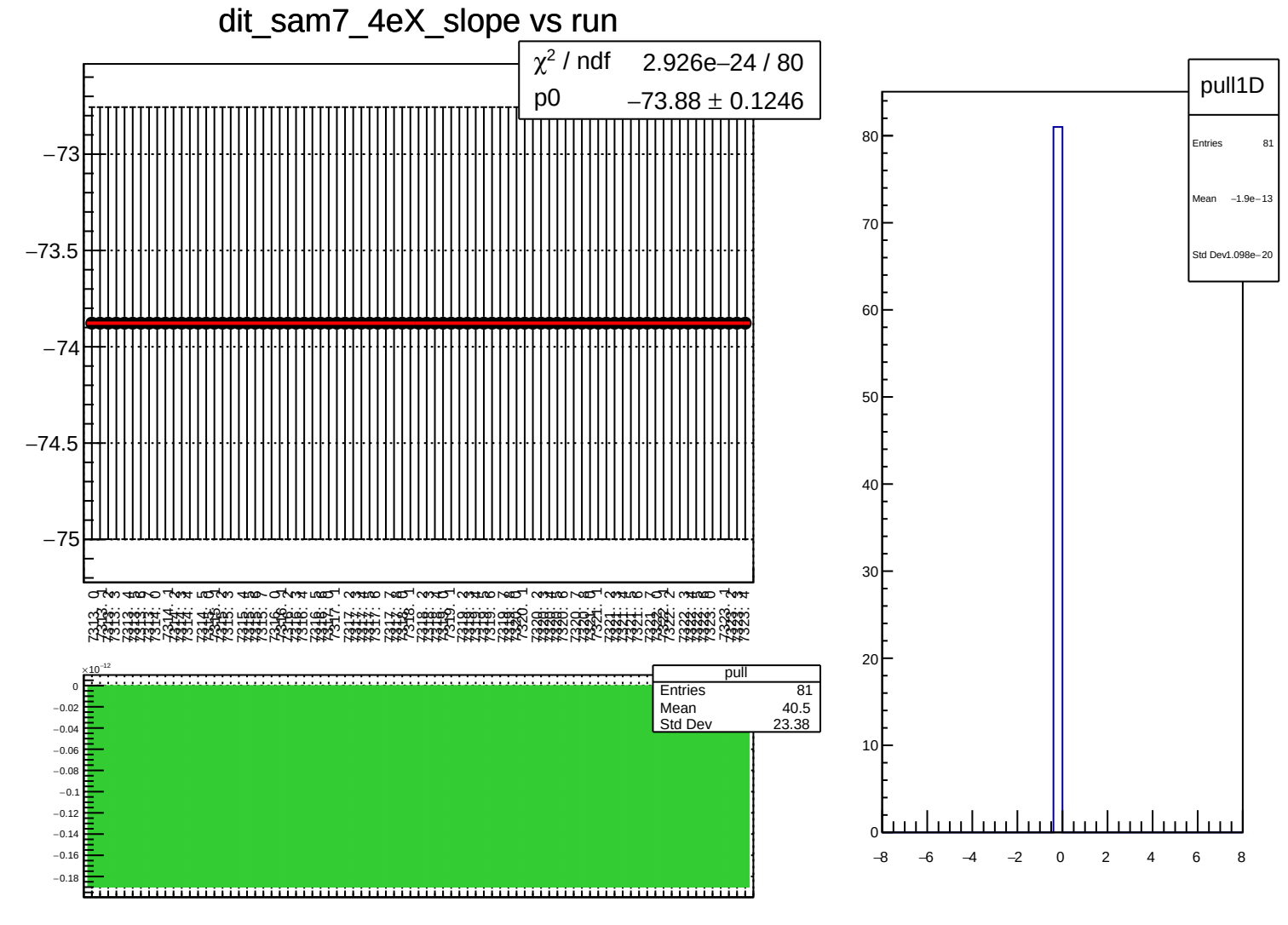

dit_sam6_4eX_slope vs run
χ² / ndf 1.832e−25 / 80
p0 51.57 ± 0.2324
pull
Entries 81
Mean 40.5
Std Dev 23.38
pull1D
Entries 81
Mean 4.756e−14
Std Dev1.198e−21

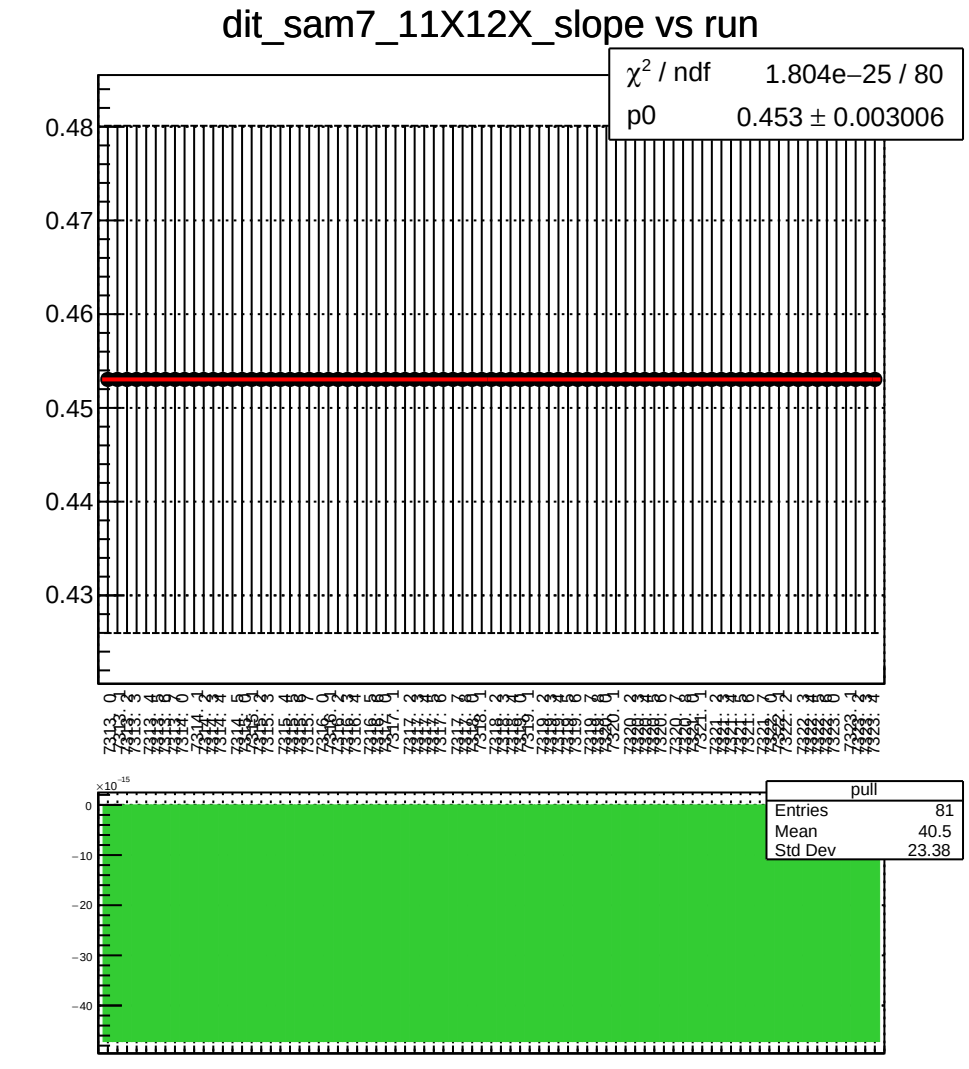

dit_sam6_11X12X_slope vs run
χ² / ndf 3.496e−26 / 80
p0 0.5998 ± 0.006531
0.66
0.64
0.62
0.6
0.58
0.56
0.54
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
pull1D
Entries 81
Mean 2.078e−14
Std Dev1.037e−21

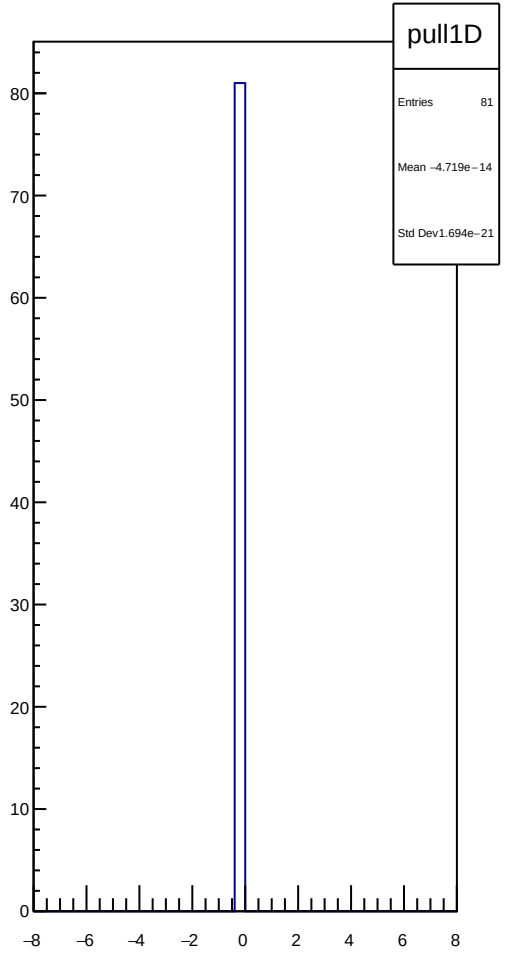

dit_sam6_4aY_slope vs run
χ² / ndf 2.481e−25 / 80
p0 11.42 ± 0.0321
11.7
11.6
11.5
11.4
11.3
11.2
11.1
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−10
−20
−30
−40
−50
pull1D
Entries 81
Mean −5.535e−14
Std Dev1.894e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

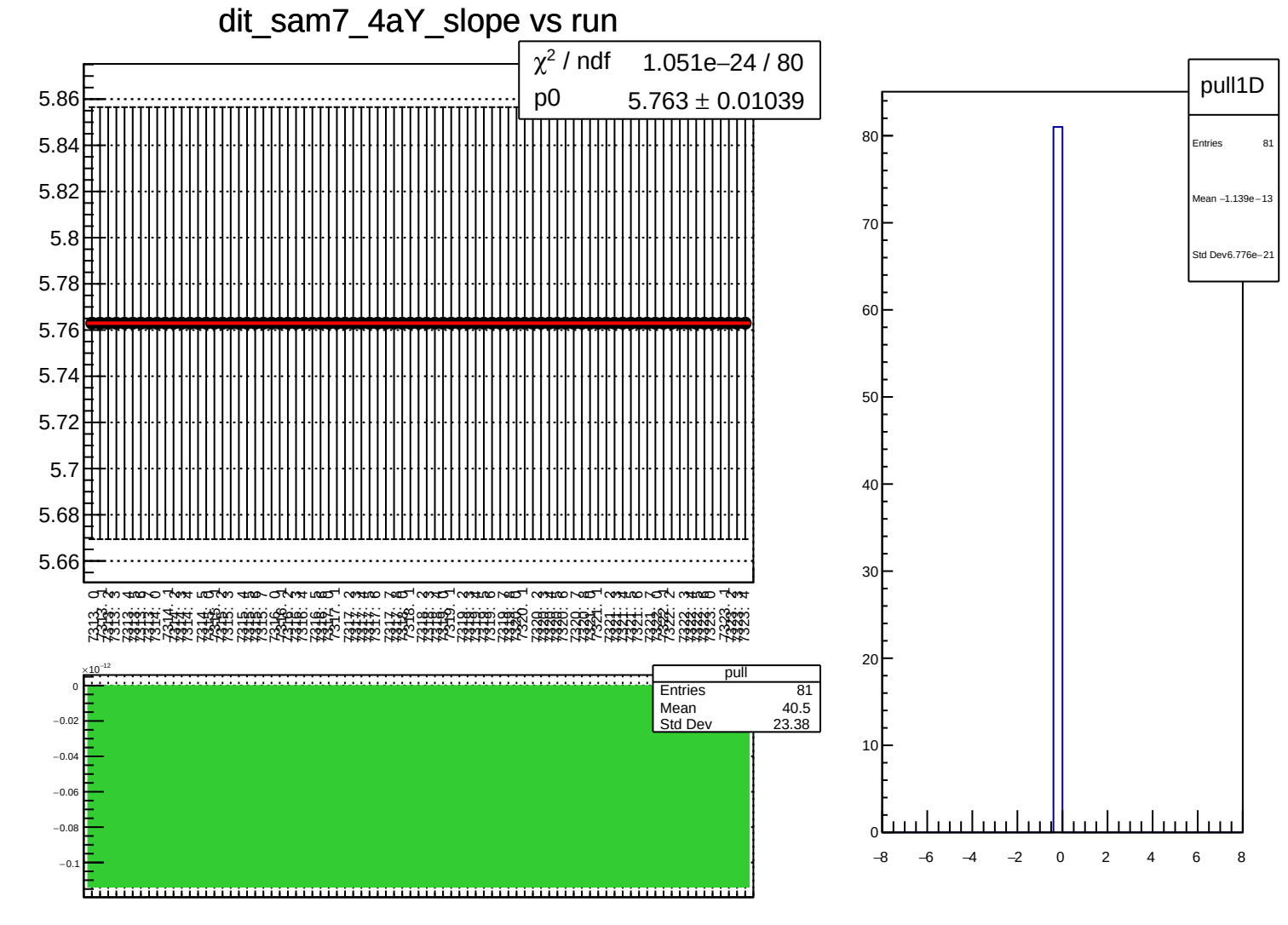

dit_sam6_4eY_slope vs run
χ^2 / ndf 7.593e−24 / 80
p0 117.1 ± 0.0361
117.4
117.3
117.2
117.1
117
116.9
116.8
116.7
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0.3
0.25
0.2
0.15
0.1
0.05
0
pull1D
Entries 81
Mean 3.062e−13
Std Dev1.397e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

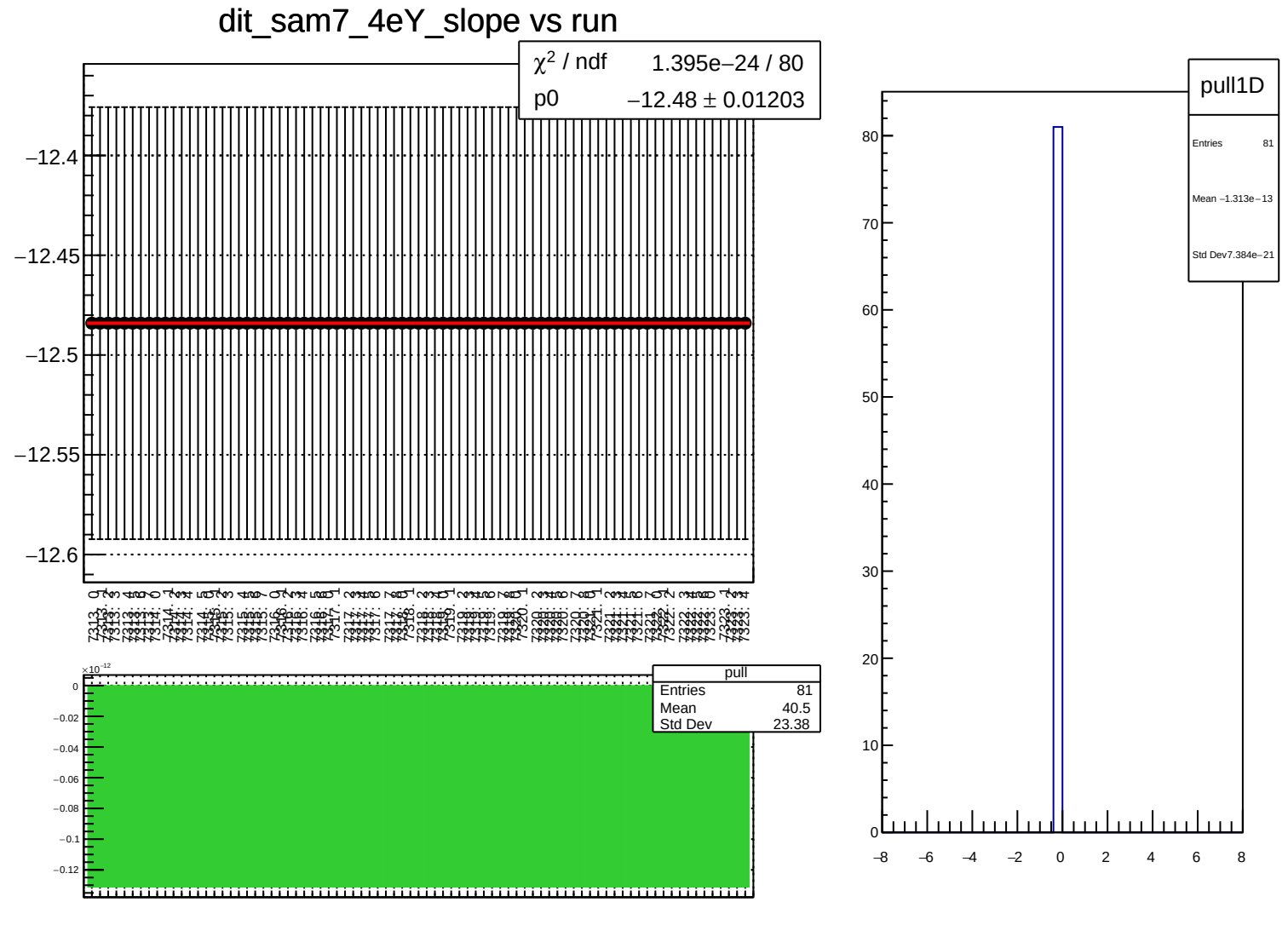

dit_sam7_4aX_slope vs run
χ^2 / ndf 1.579e−25 / 80
p0 42.89 ± 0.143
pull
Entries 81
Mean 40.5
Std Dev 23.38
pull1D
Entries 81
Mean −4.415e−14
Std Dev1.585e−21

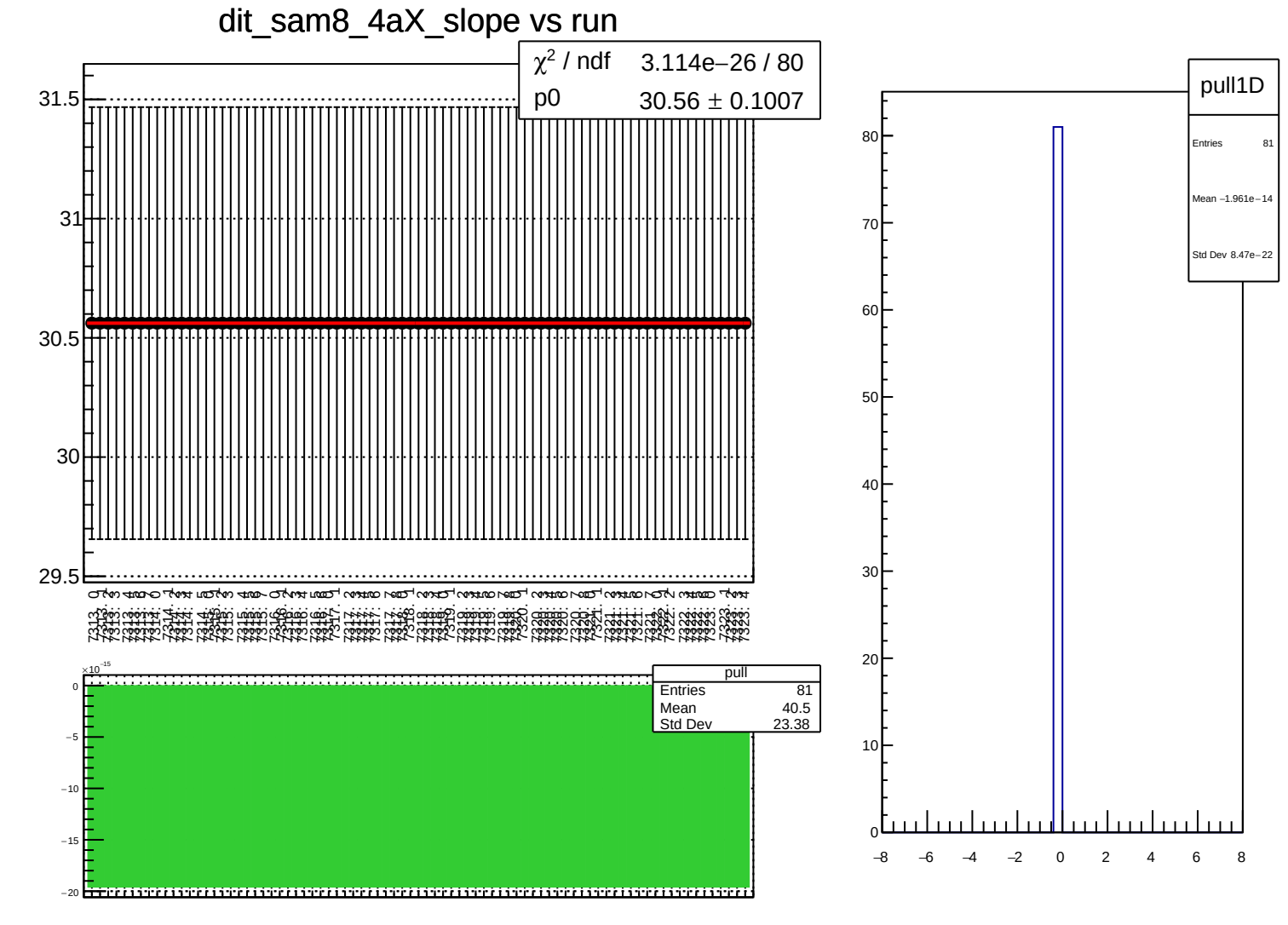

dit_sam7_4eX_slope vs run
χ² / ndf 2.926e−24 / 80
p0 −73.88 ± 0.1246
−73
−73.5
−74
−74.5
−75
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
−0.14
−0.16
−0.18
pull1D
Entries 81
Mean −1.9e−13
Std Dev1.098e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

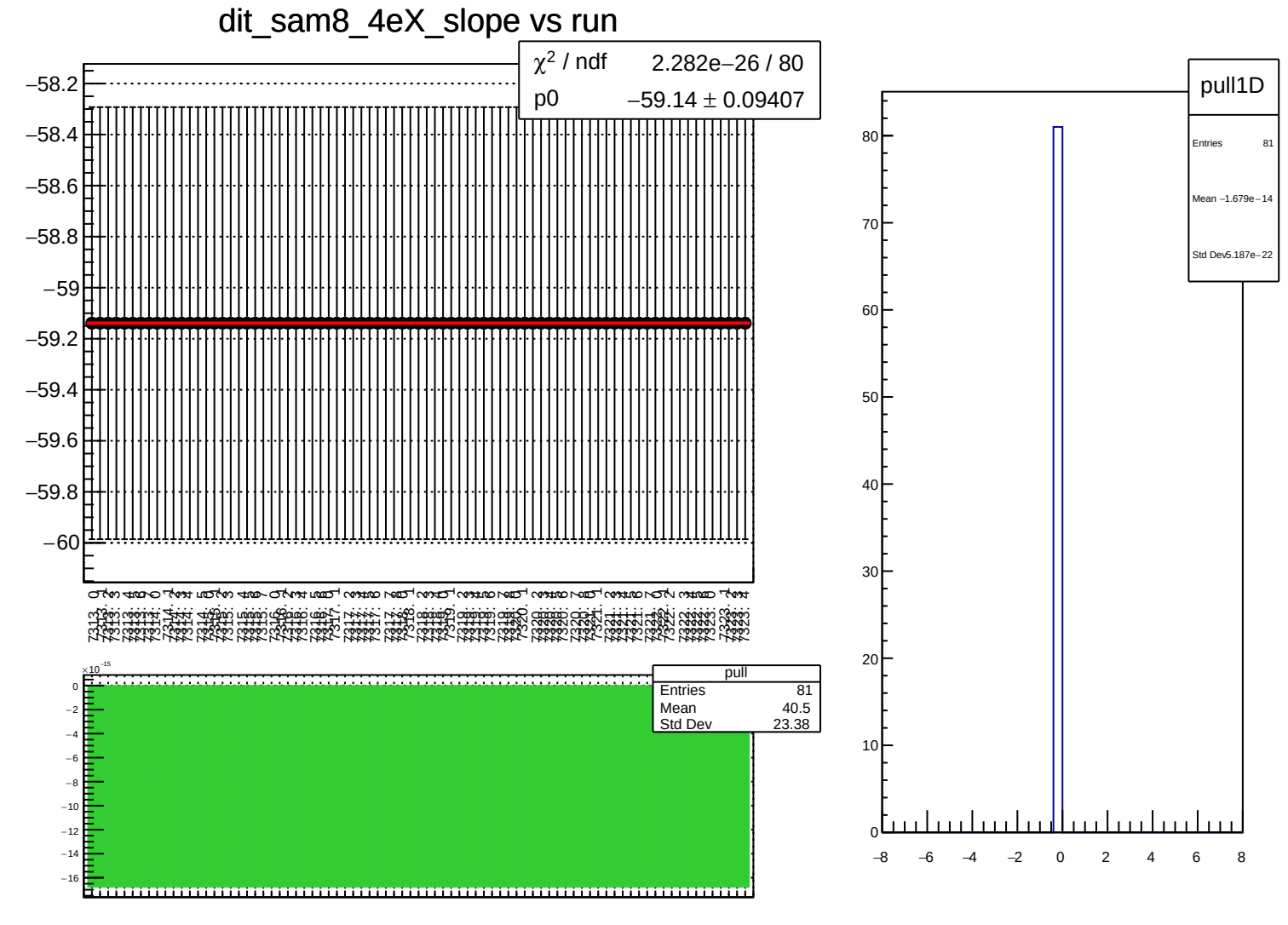

dit_sam7_11X12X_slope vs run
χ² / ndf 1.804e−25 / 80
p0 0.453 ± 0.003006
0.48
0.47
0.46
0.45
0.44
0.43
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−10
−20
−30
−40

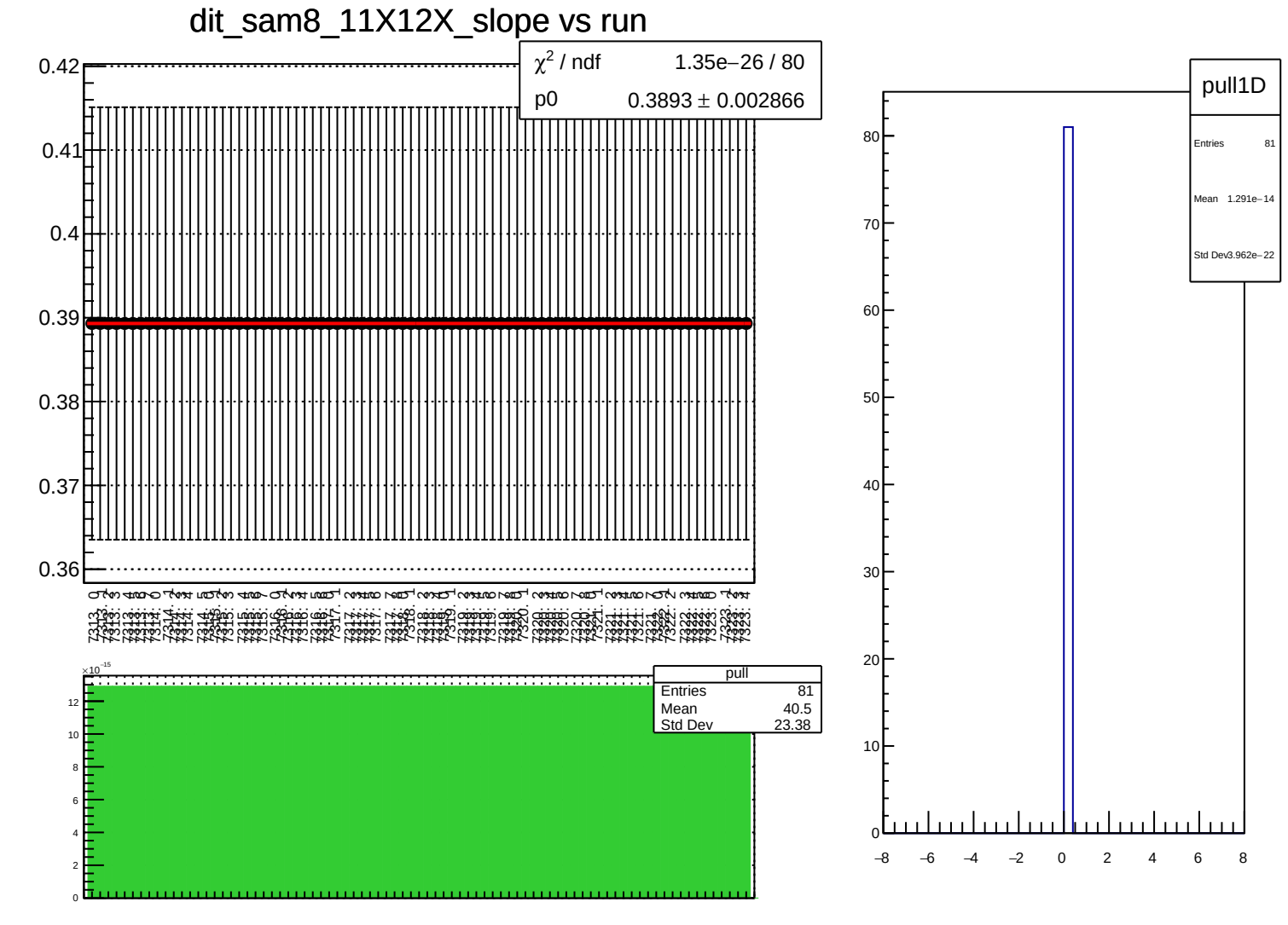

pull1D
Entries 81
Mean −4.719e−14
Std Dev1.694e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

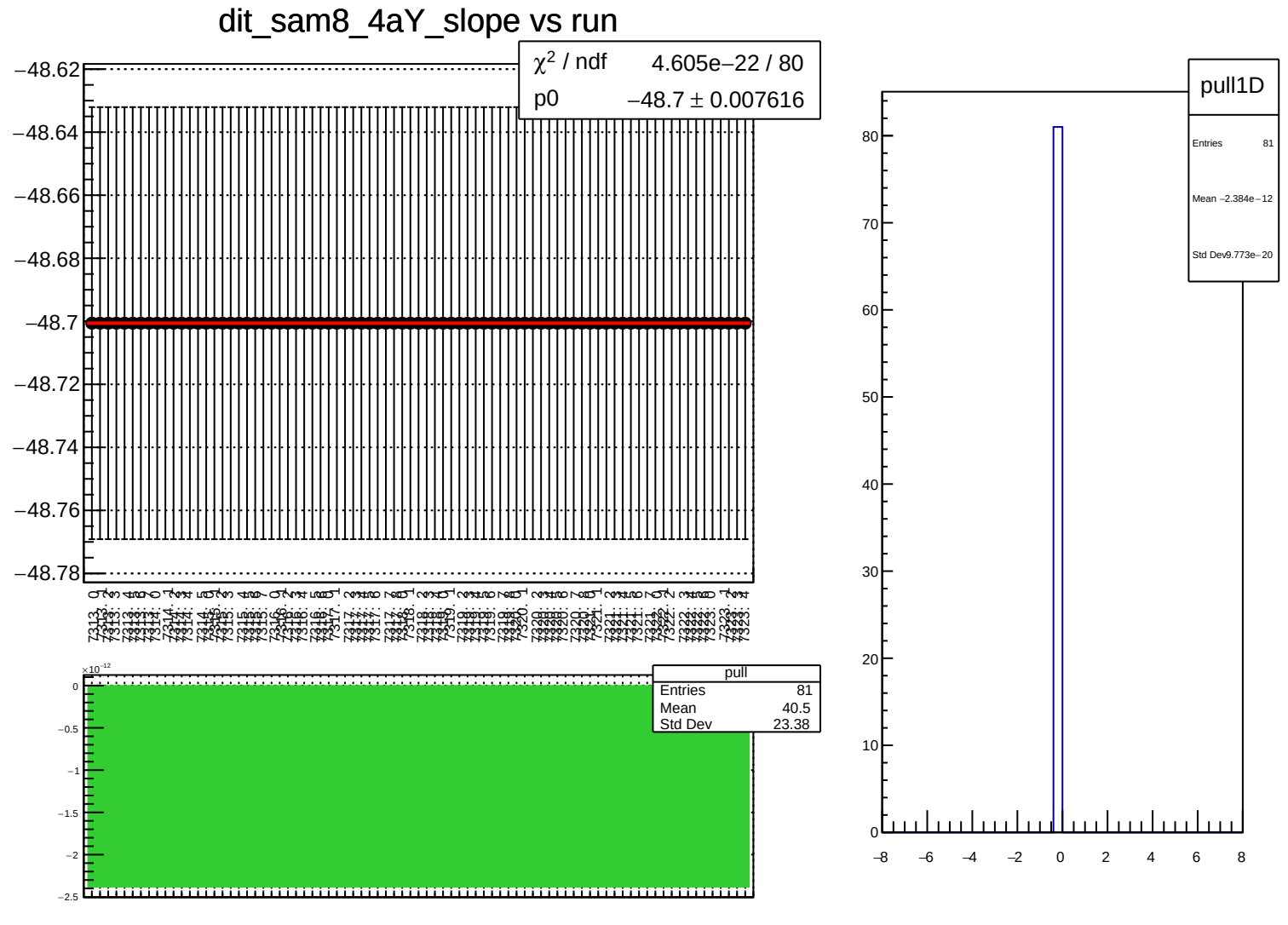

dit_sam7_4aY_slope vs run
χ^2 / ndf 1.051e−24 / 80
p0 5.763 ± 0.01039
5.86
5.84
5.82
5.8
5.78
5.76
5.74
5.72
5.7
5.68
5.66
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
pull1D
Entries 81
Mean −1.139e−13
Std Dev6.776e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

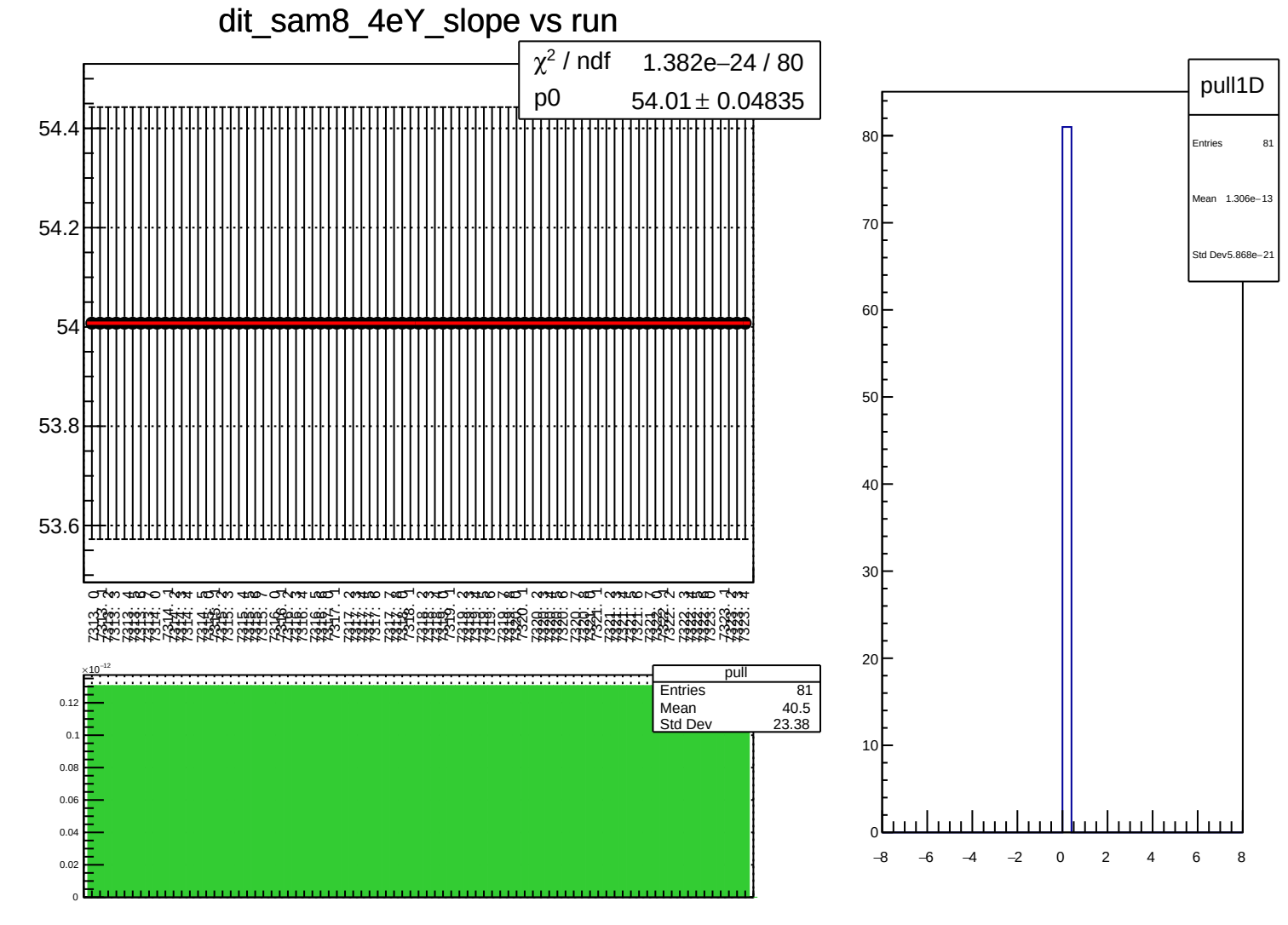

dit_sam7_4eY_slope vs run
χ² / ndf 1.395e−24 / 80
p0 −12.48 ± 0.01203
−12.4
−12.45
−12.5
−12.55
−12.6
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
pull1D
Entries 81
Mean −1.313e−13
Std Dev 7.384e−21
80
70
60
50
40
30
20
10
0
−8
−6
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−2
0
2
4
6
8

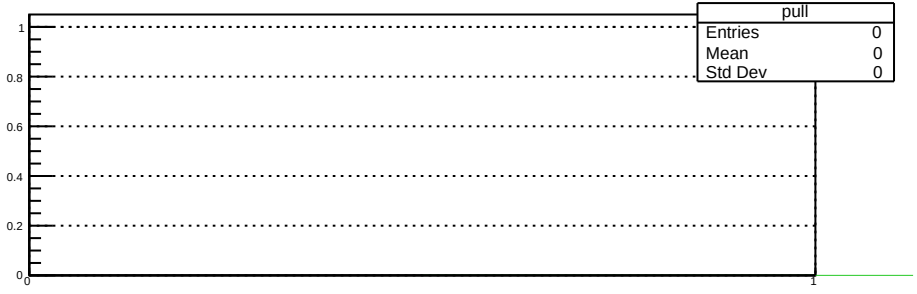

dit_sam8_4aX_slope vs run
χ² / ndf 3.114e−26 / 80
p0 30.56 ± 0.1007
31.5
31
30.5
30
29.5
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−5
−10
−15
−20
pull1D
Entries 81
Mean −1.961e−14
Std Dev 8.47e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

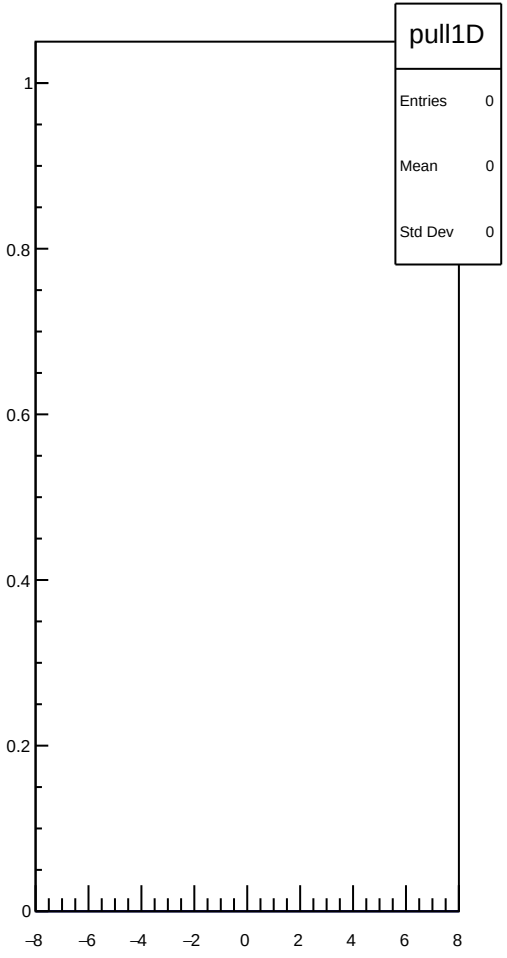

dit_sam8_4eX_slope vs run
χ² / ndf 2.282e−26 / 80
p0 −59.14 ± 0.09407
−58.2
−58.4
−58.6
−58.8
−59
−59.2
−59.4
−59.6
−59.8
−60
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
−14
−16
pull1D
Entries 81
Mean −1.679e−14
Std Dev5.187e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

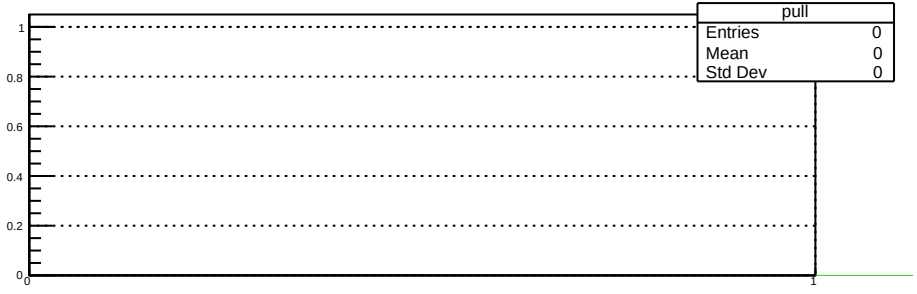

dit_sam8_11X12X_slope vs run
χ² / ndf 1.35e−26 / 80
p0 0.3893 ± 0.002866
0.42
0.41
0.4
0.39
0.38
0.37
0.36
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹⁵
12
10
8
6
4
2
0
pull1D
Entries 81
Mean 1.291e−14
Std Dev 3.962e−22
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

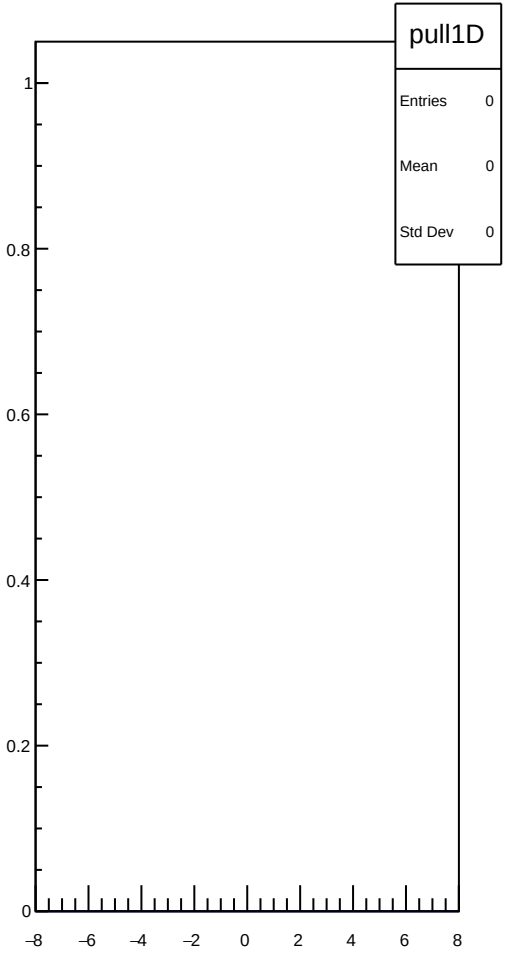

dit_sam8_4aY_slope vs run
χ² / ndf 4.605e−22 / 80
p0 −48.7 ± 0.007616
−48.62
−48.64
−48.66
−48.68
−48.7
−48.72
−48.74
−48.76
−48.78
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0
−0.5
−1
−1.5
−2
−2.5
pull1D
Entries 81
Mean −2.384e−12
Std Dev 9.773e−20
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

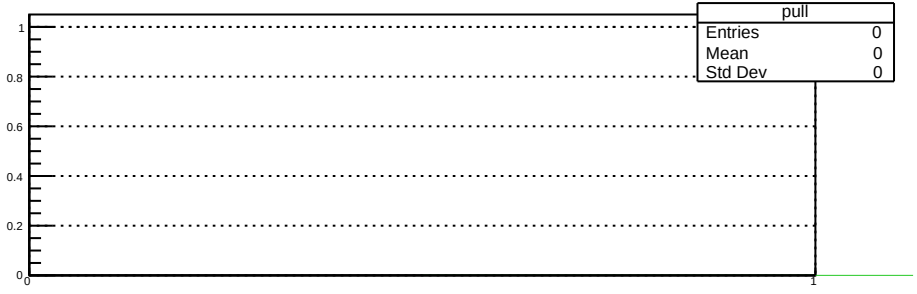

dit_sam8_4eY_slope vs run
χ² / ndf 1.382e−24 / 80
p0 54.01 ± 0.04835
54.4
54.2
54
53.8
53.6
pull
Entries 81
Mean 40.5
Std Dev 23.38
×10⁻¹²
0.12
0.1
0.08
0.06
0.04
0.02
0
pull1D
Entries 81
Mean 1.306e−13
Std Dev 5.868e−21
80
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

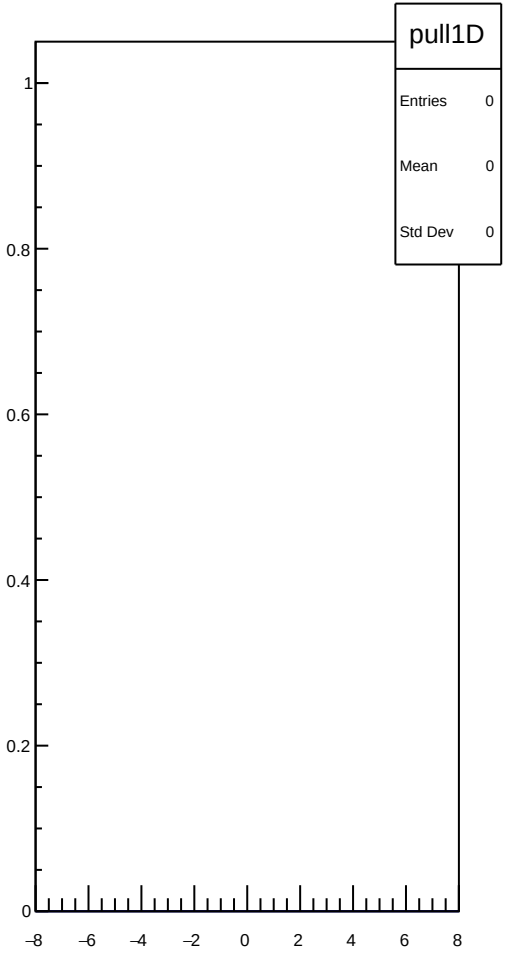

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

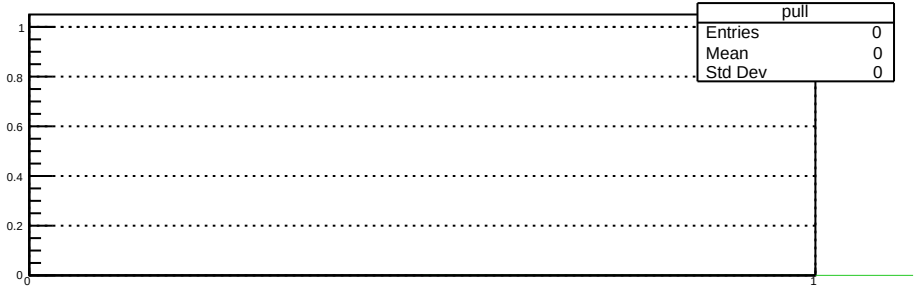

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

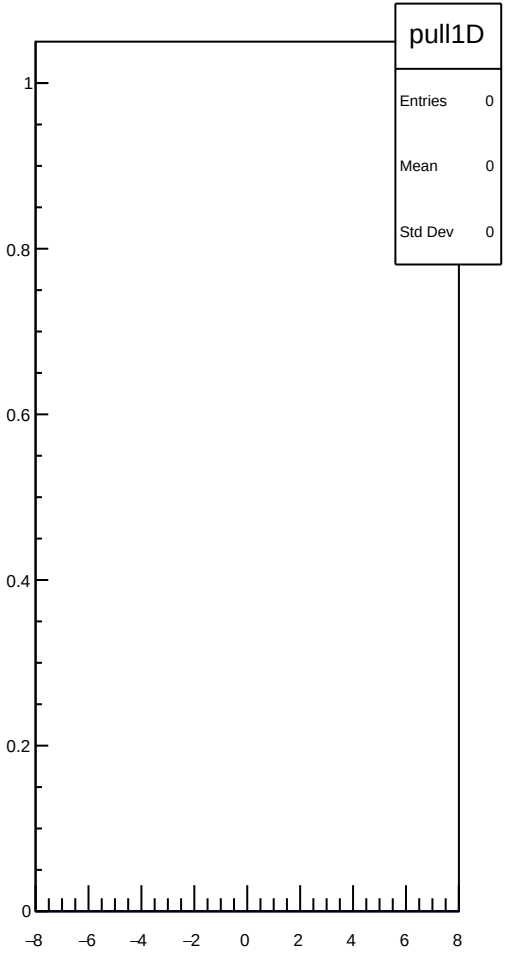

pull
Entries 0
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
0
0
1

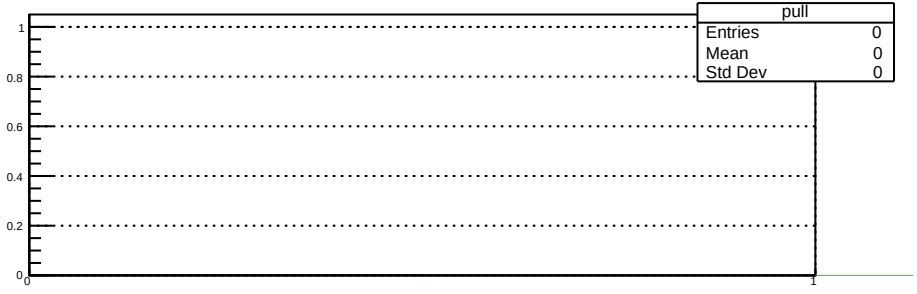

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

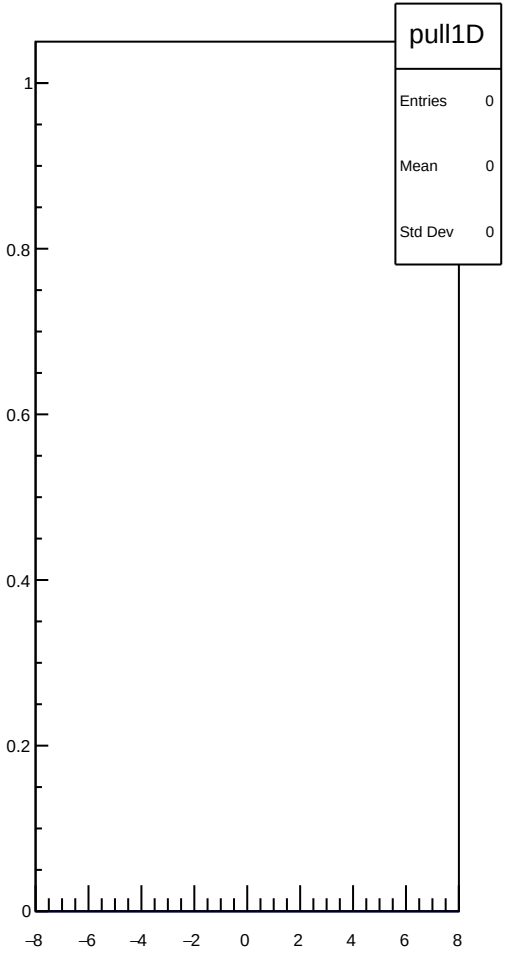

pull
Entries 0
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
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0
1

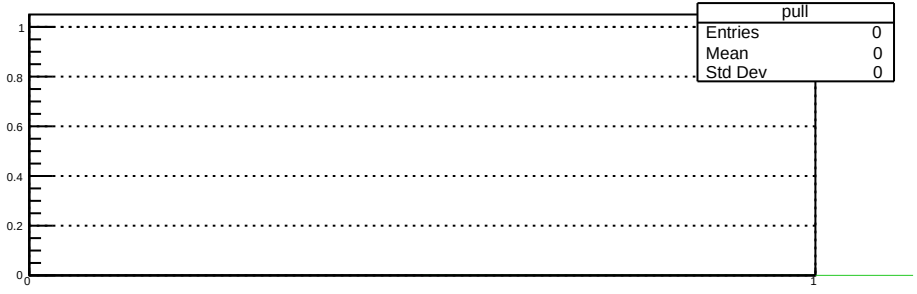

pull1D
Entries 0
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

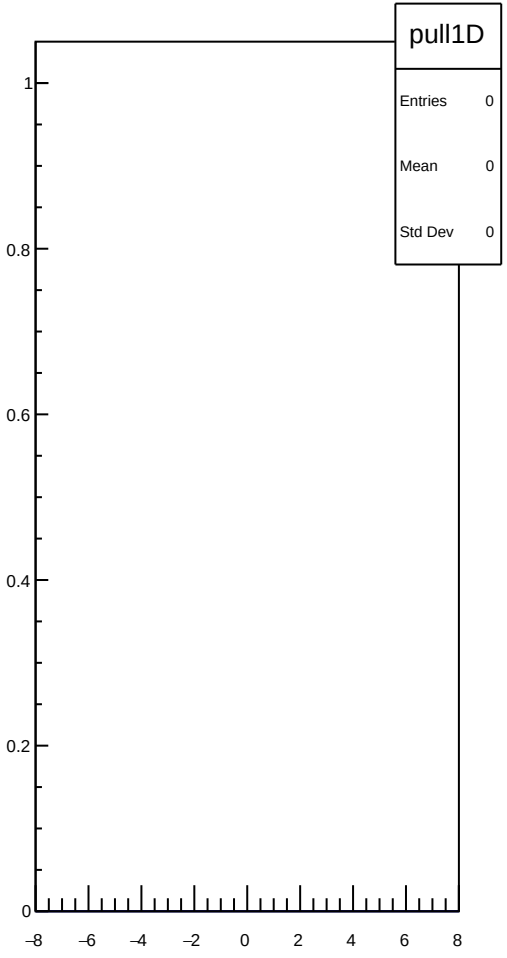

pull
Entries 0
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
0
0
1

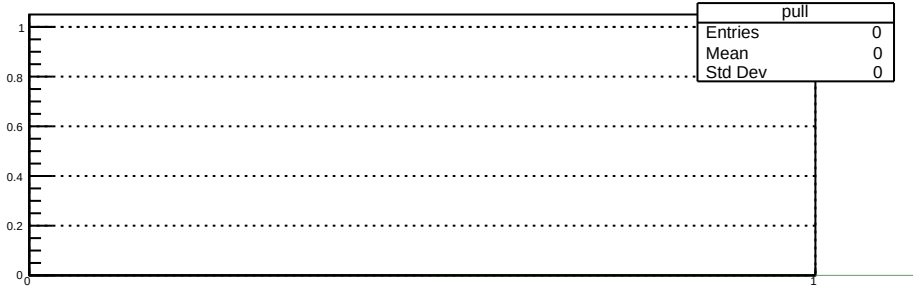

pull1D
Entries 0
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
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–8
–6
–4
–2
0
2
4
6
8

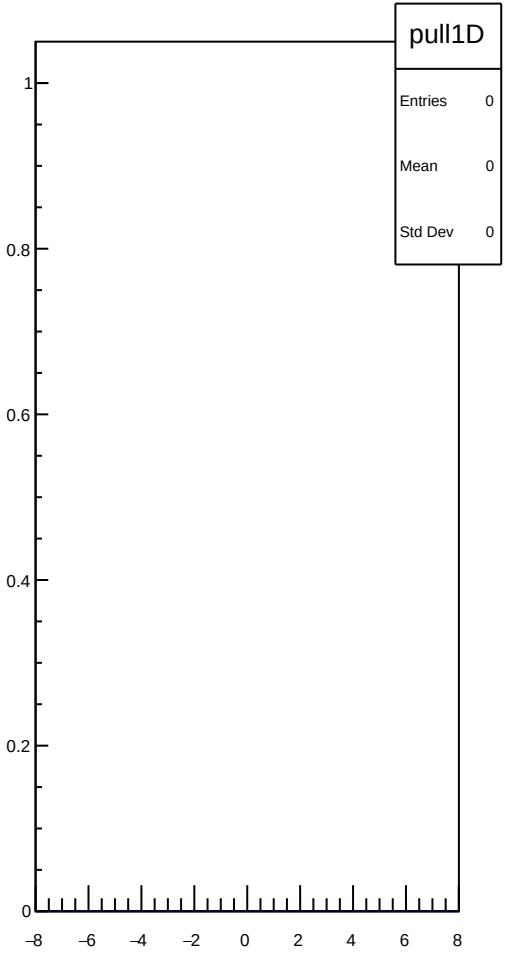

pull
Entries 0
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
0
0
1

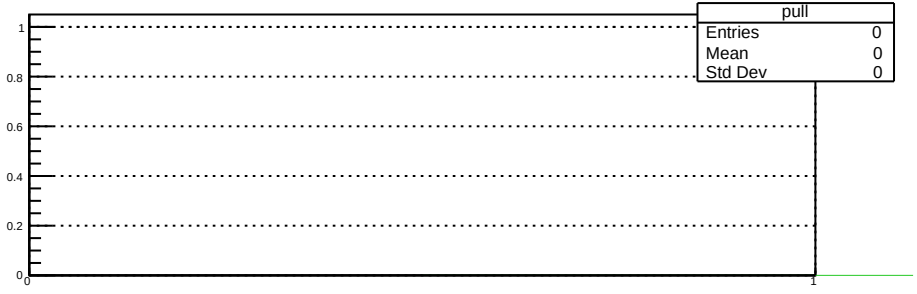

pull1D
Entries 0
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

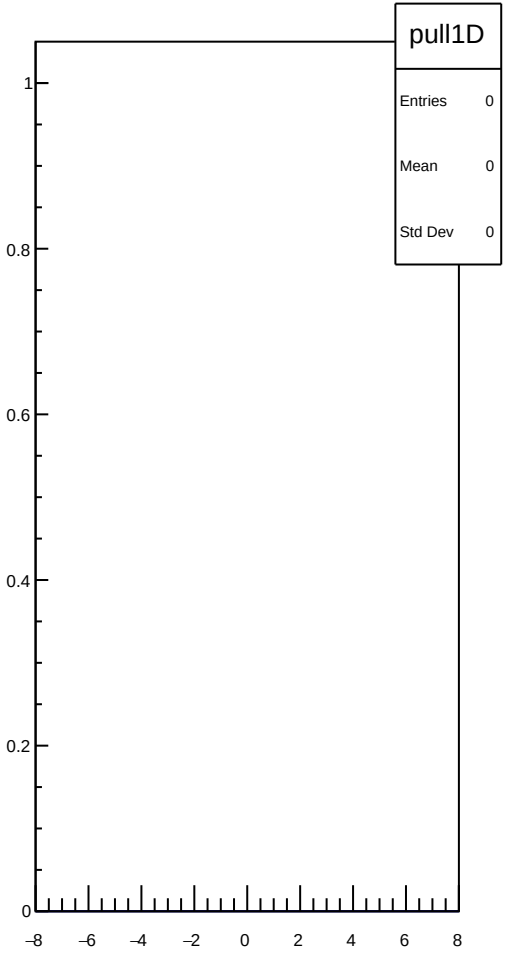

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

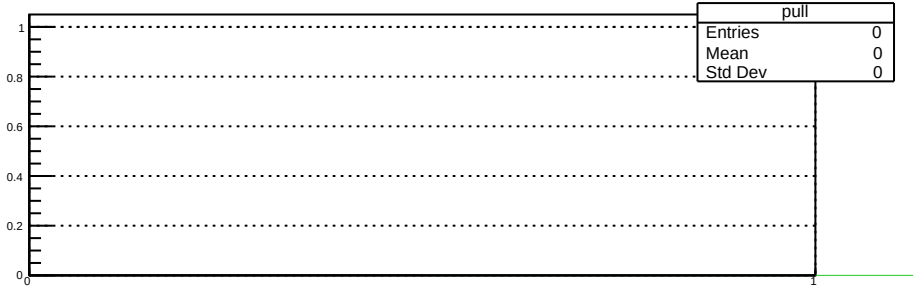

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

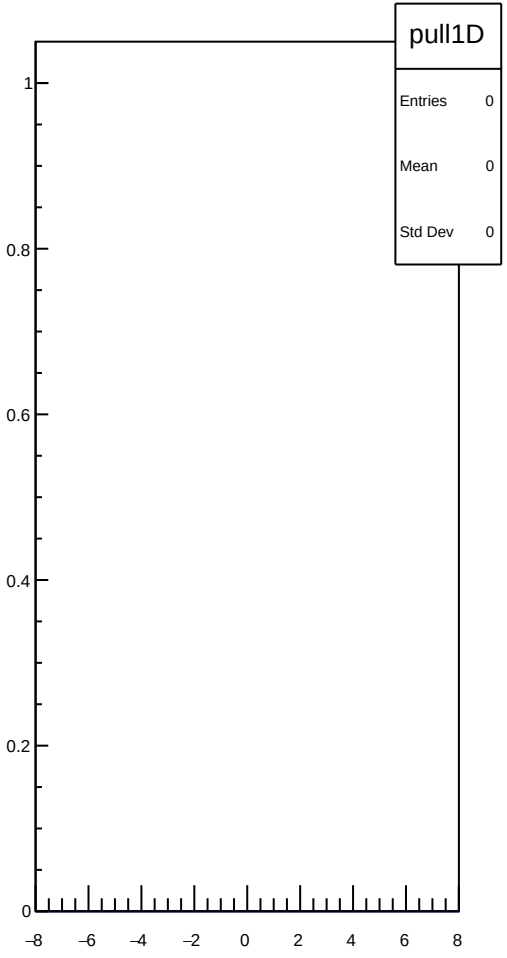

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

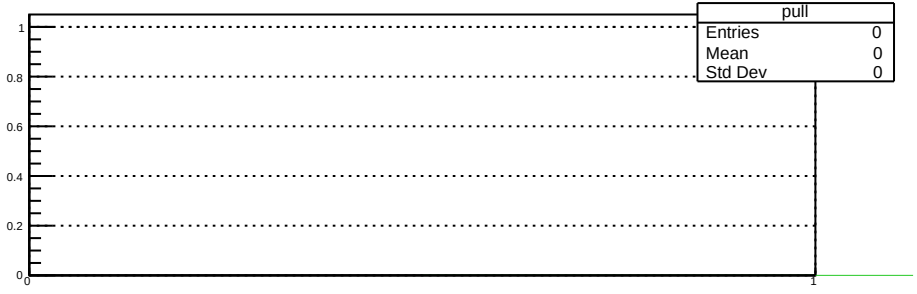

pull1D
Entries 0
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

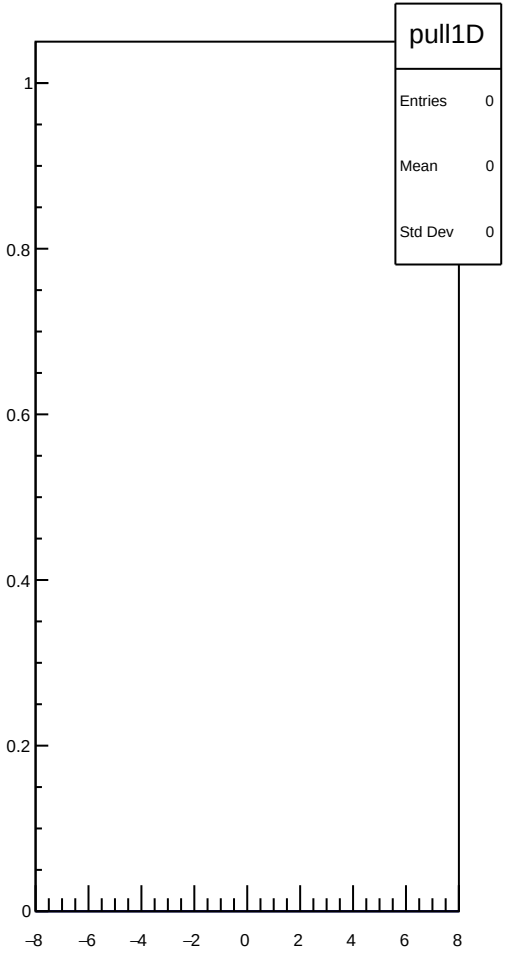

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

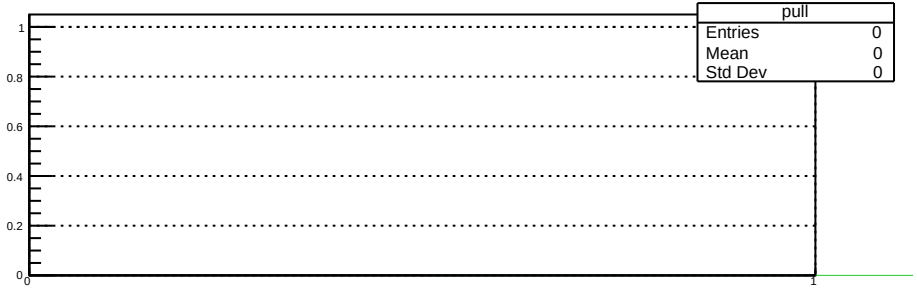

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
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2
4
6
8

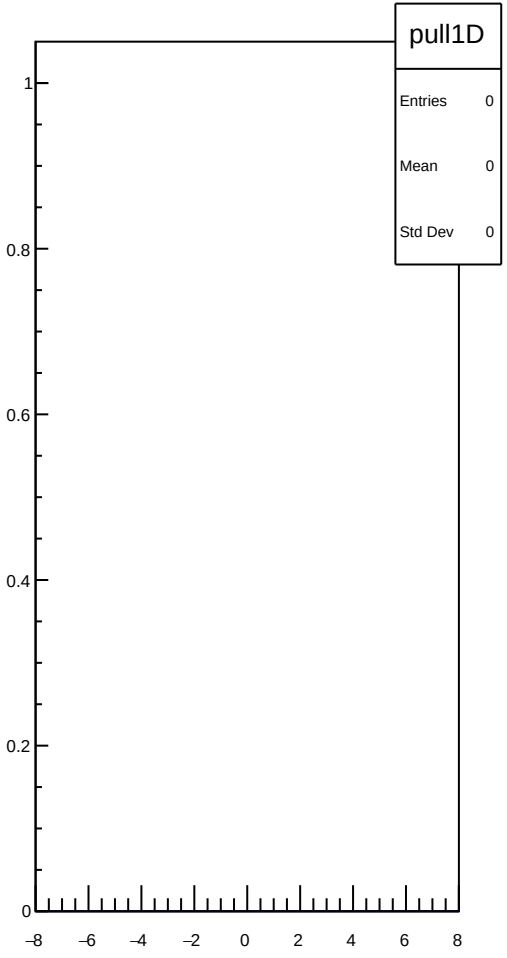

pull
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
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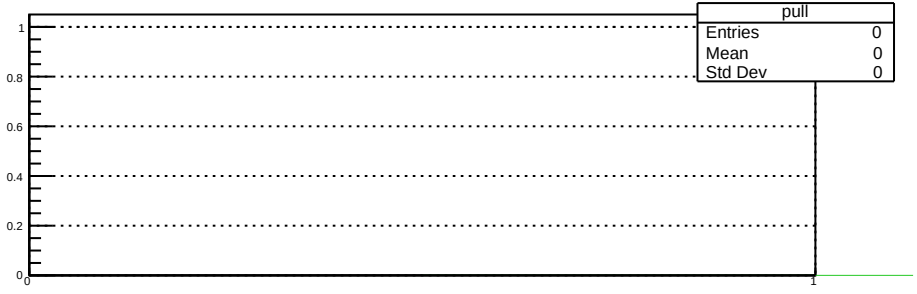

pull1D
Entries 0
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

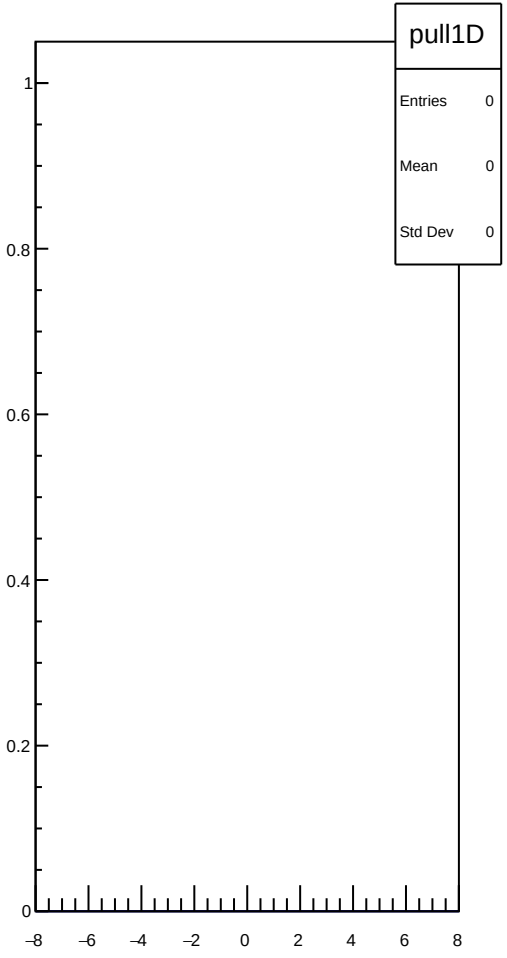

pull
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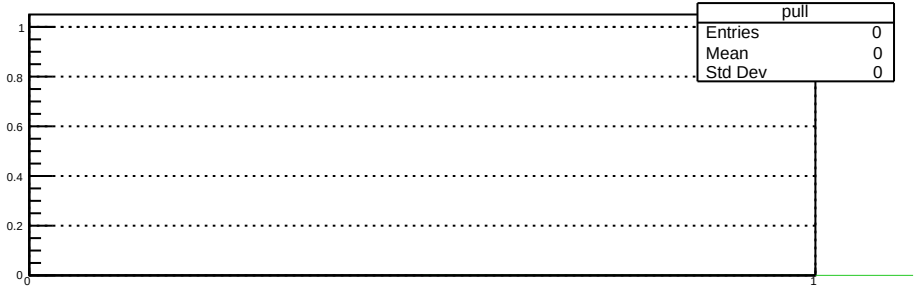

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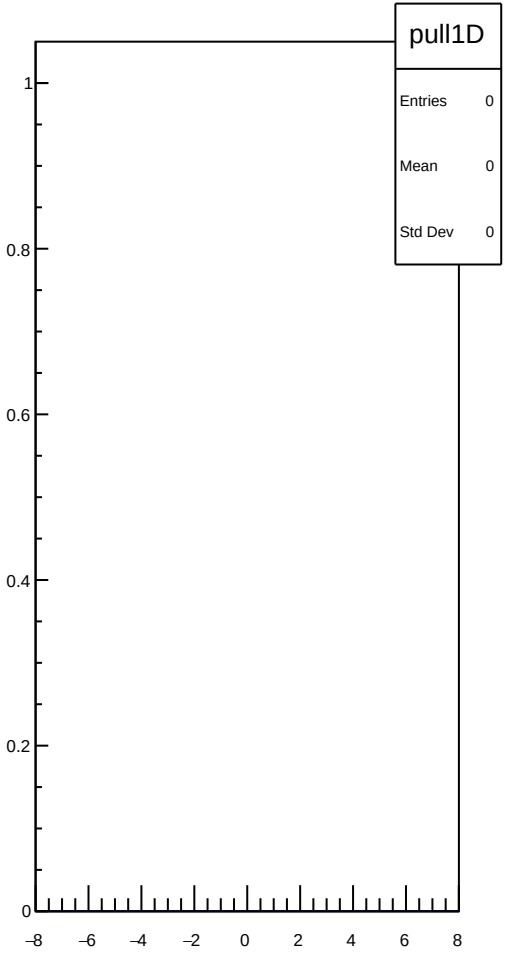

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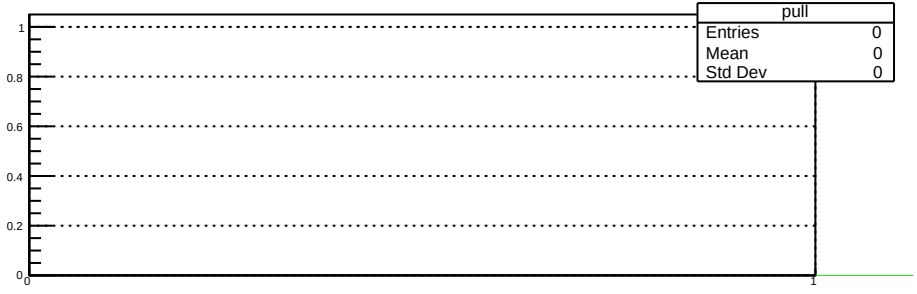

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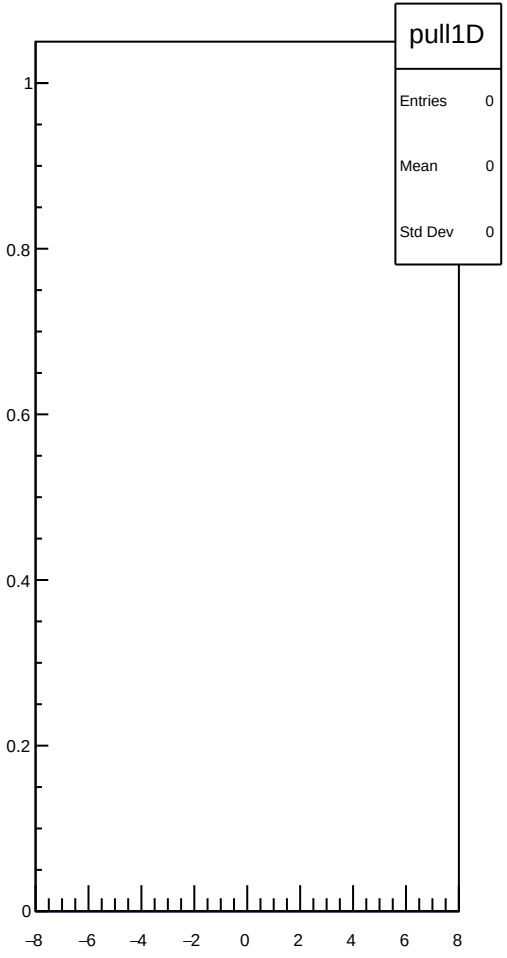

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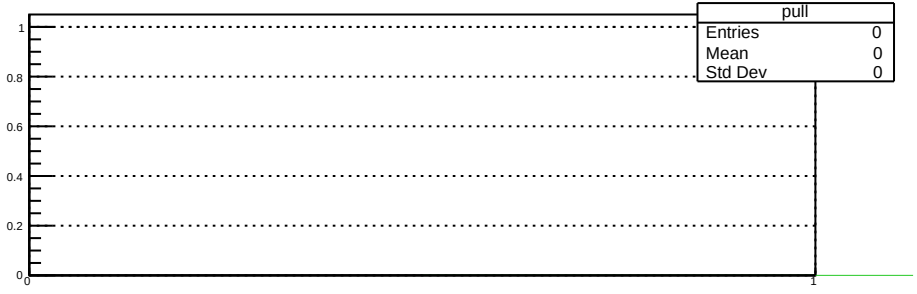

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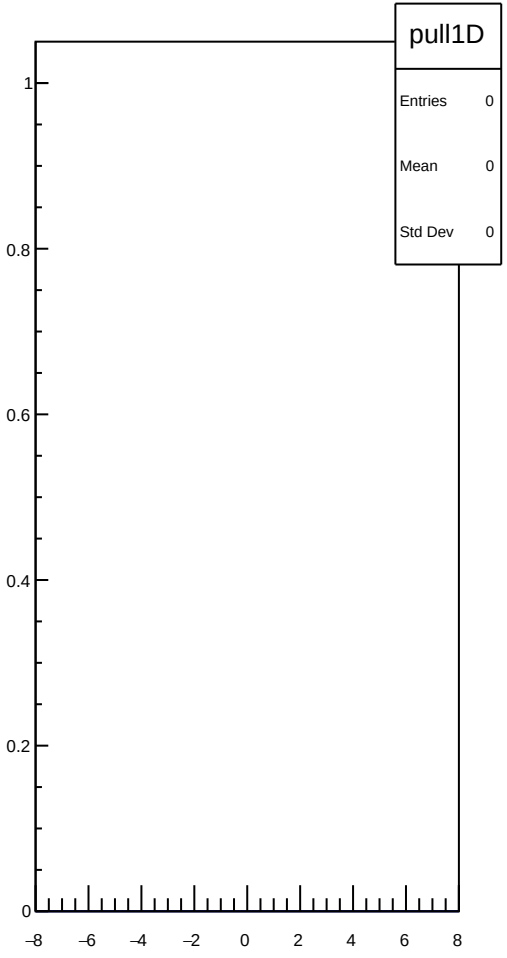

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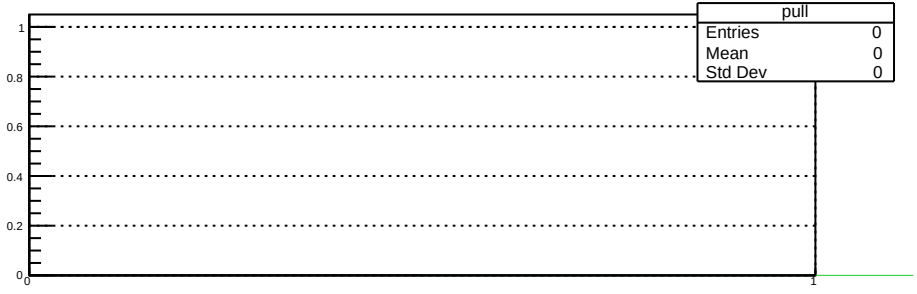

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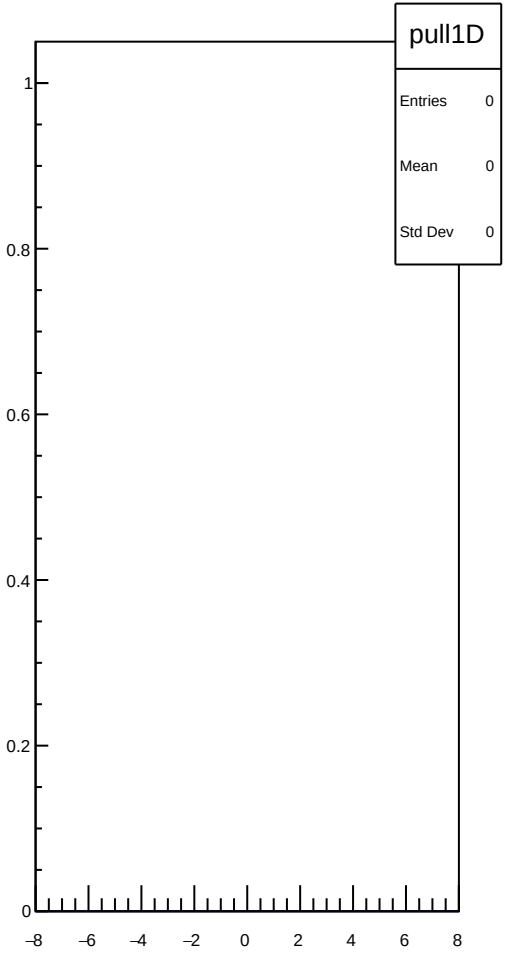

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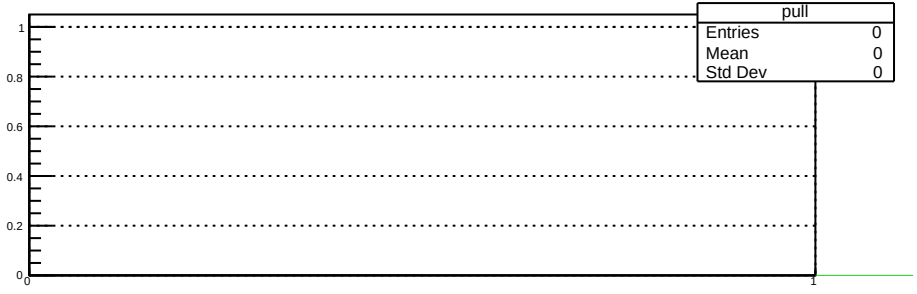

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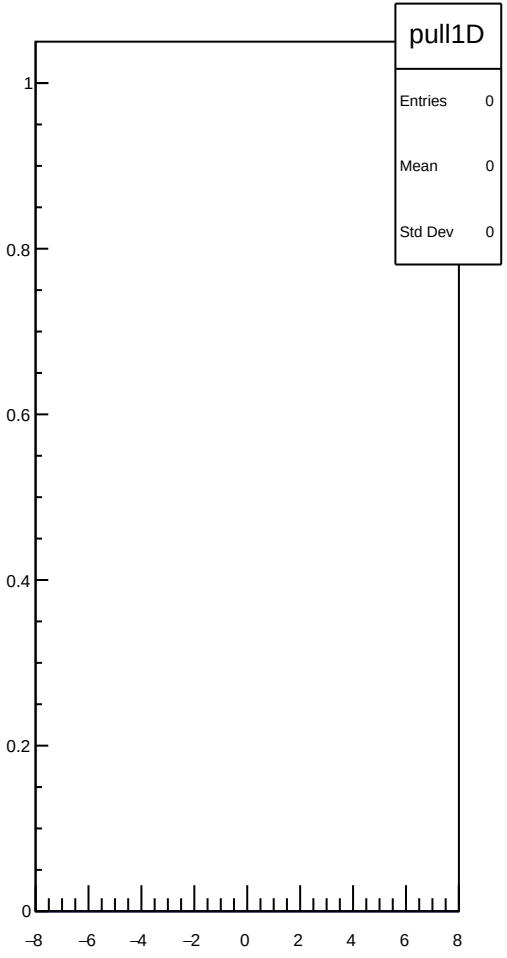

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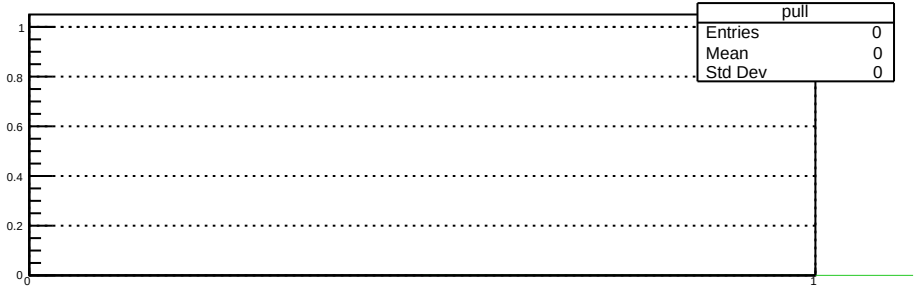

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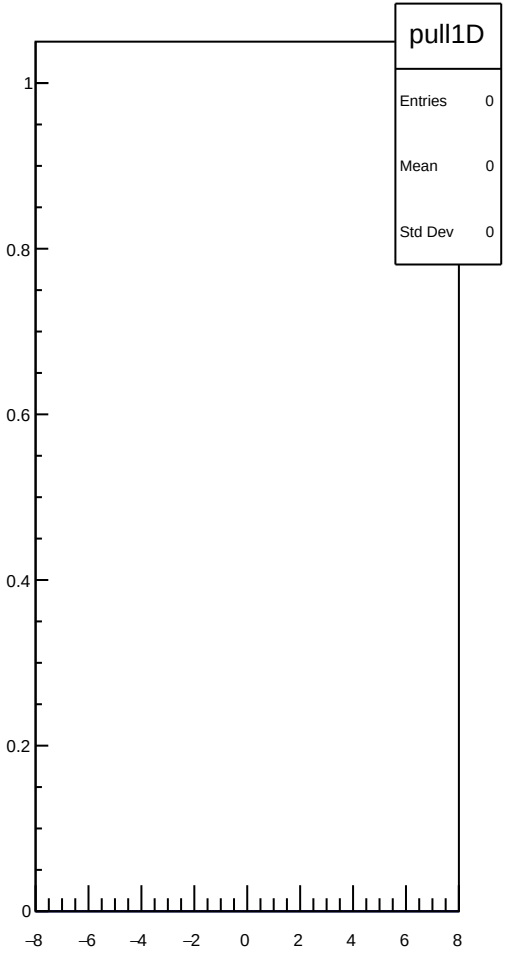

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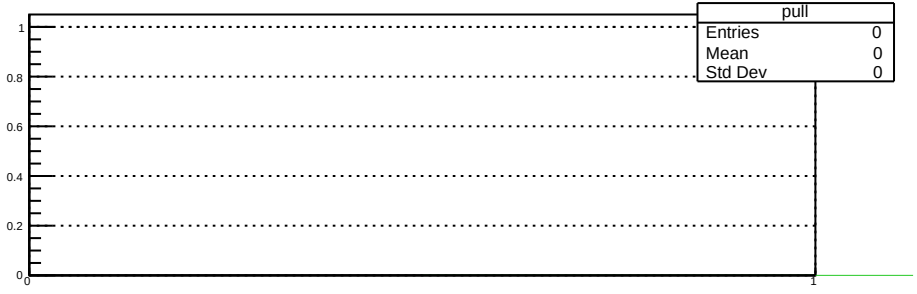

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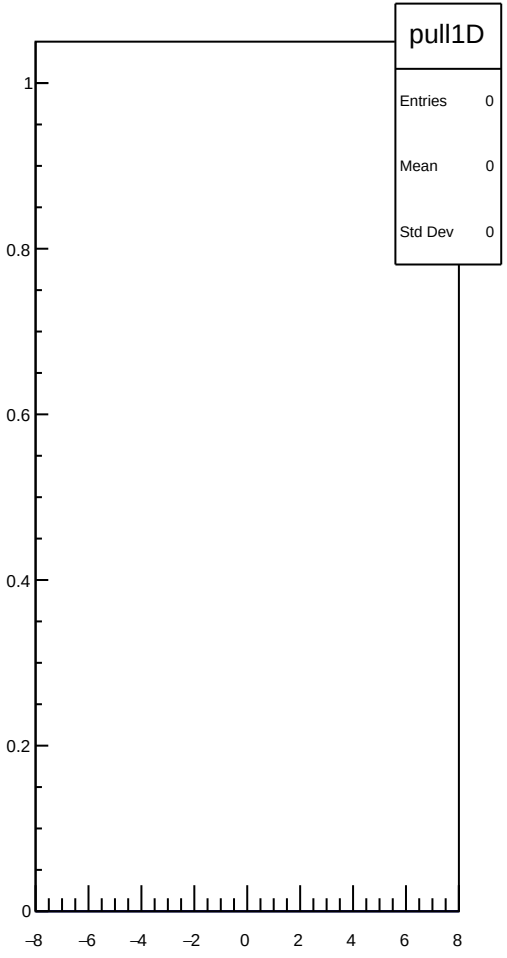

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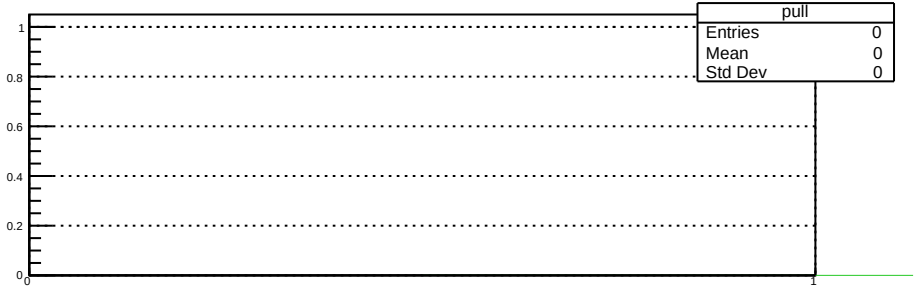

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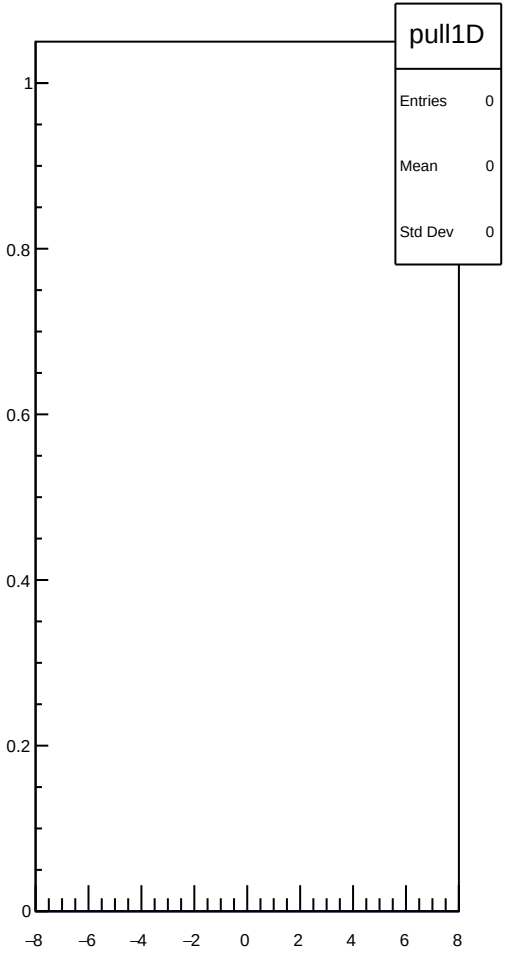

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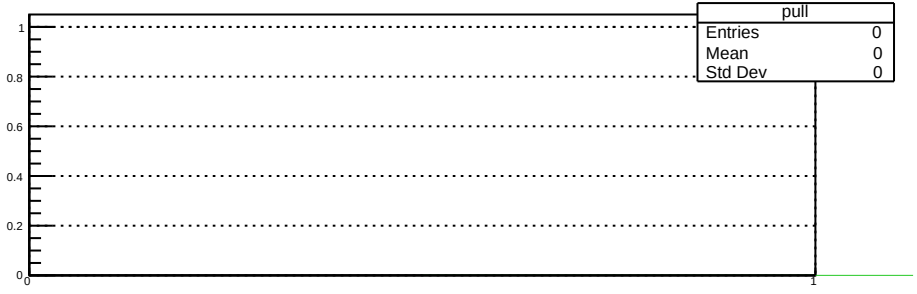

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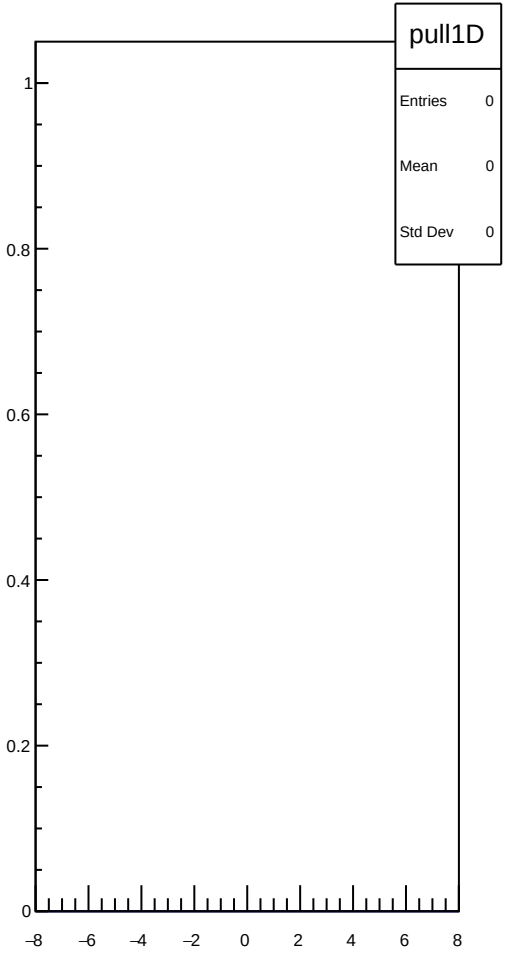

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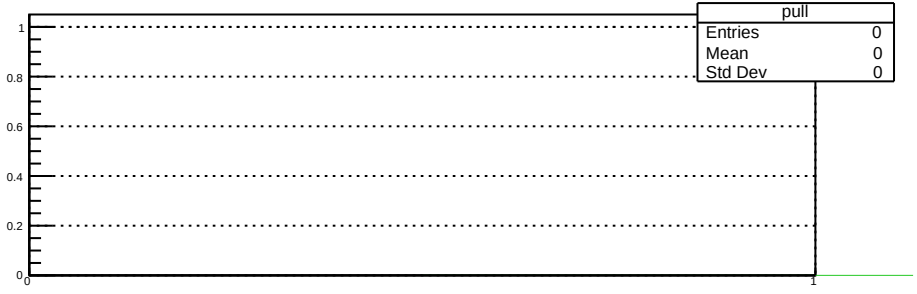

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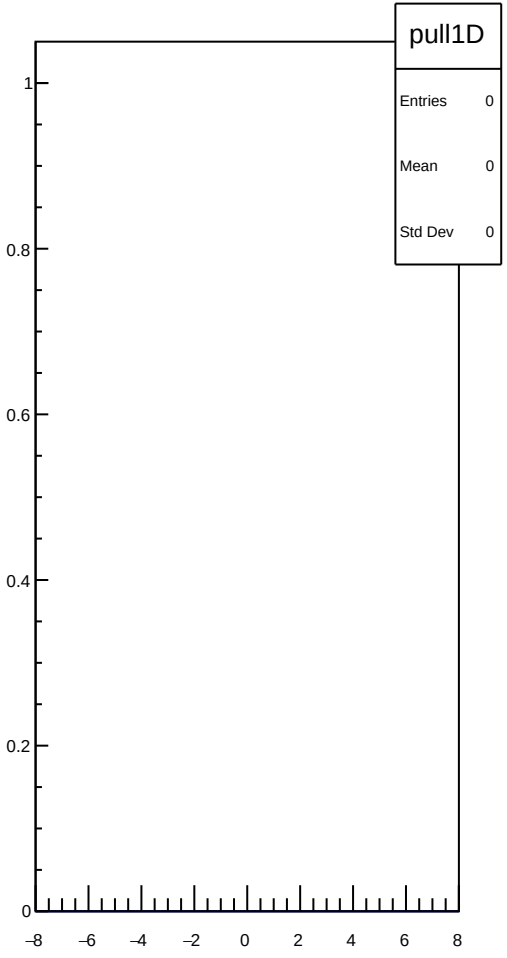

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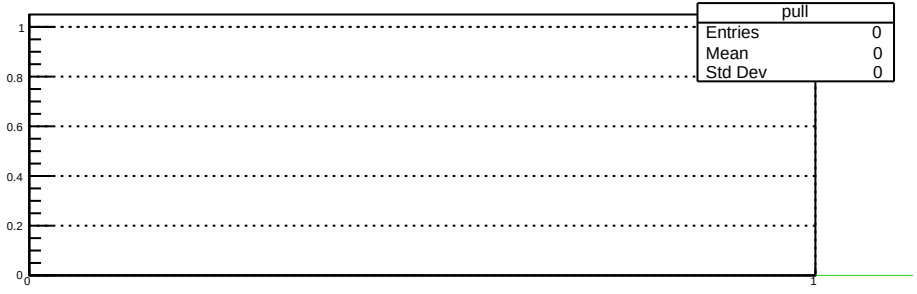

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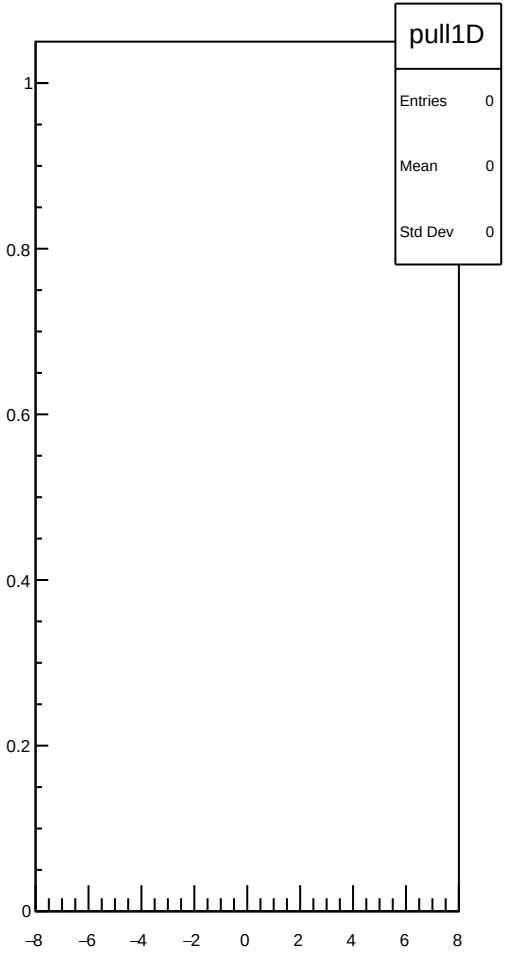

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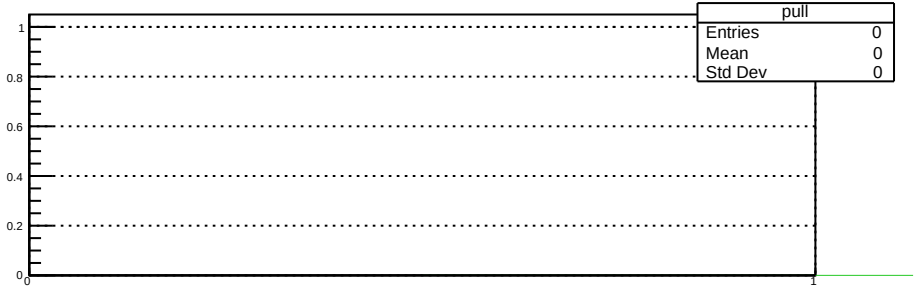

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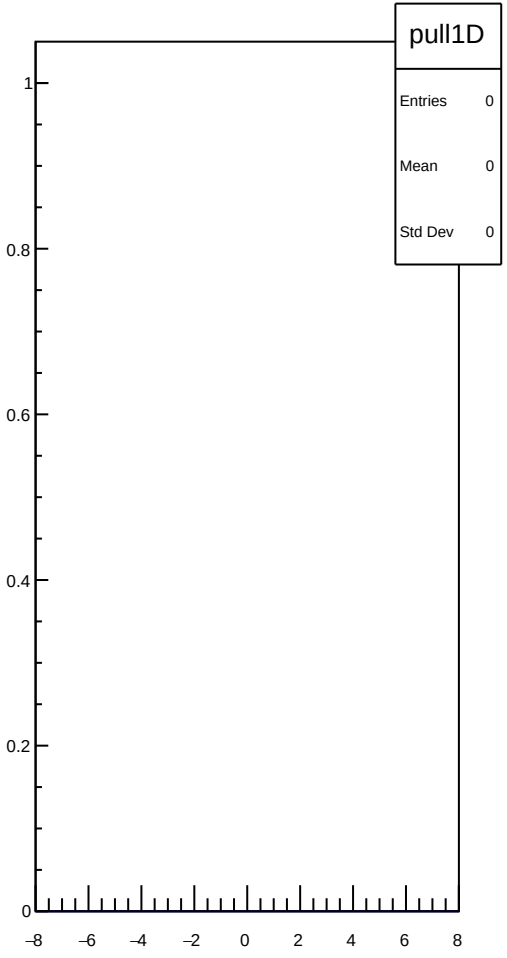

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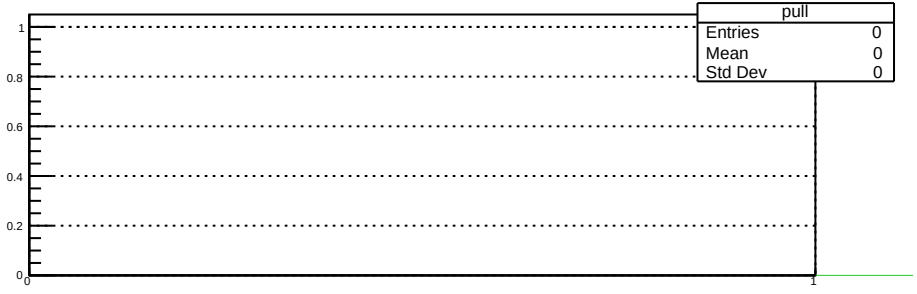

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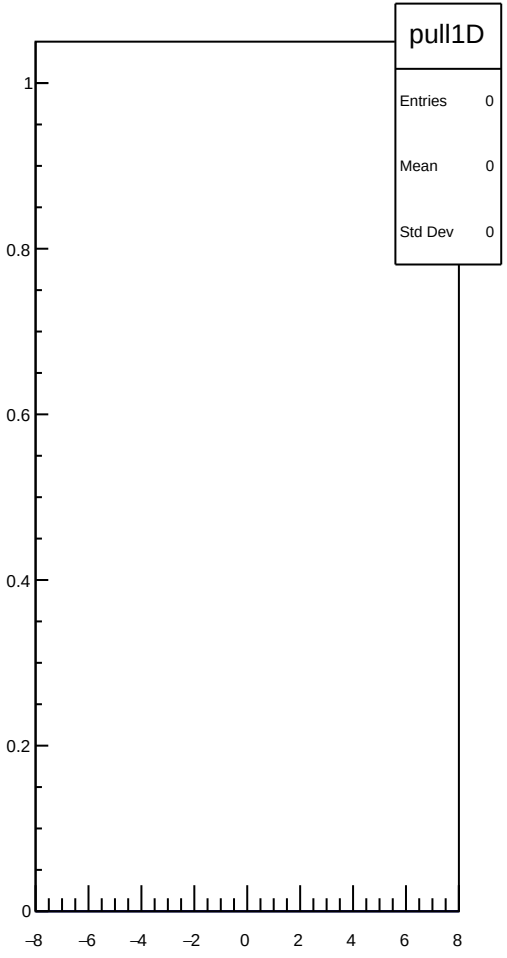

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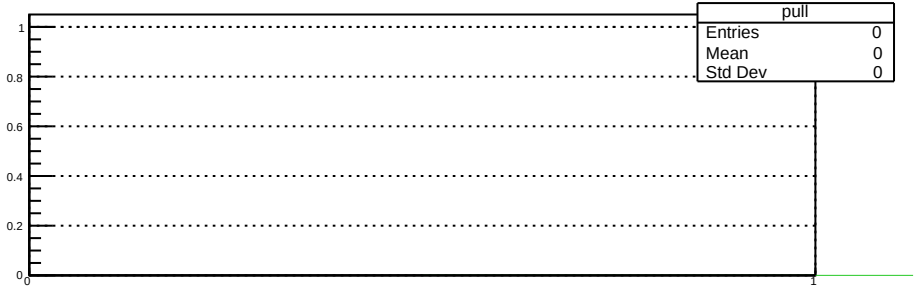

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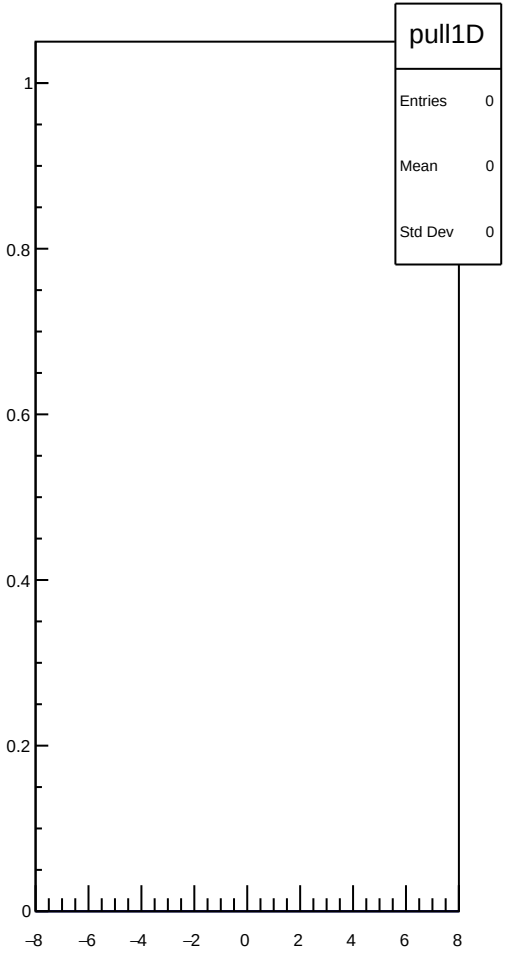

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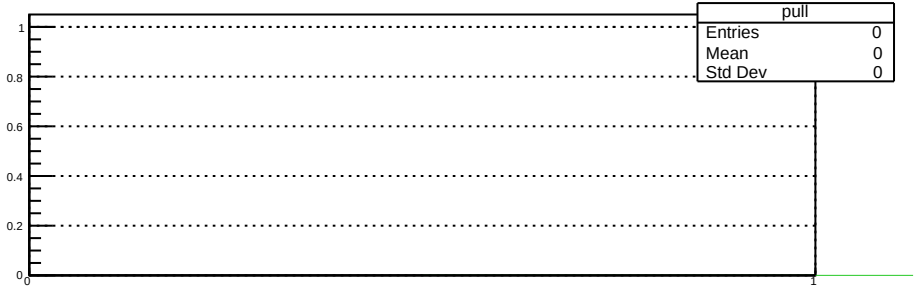

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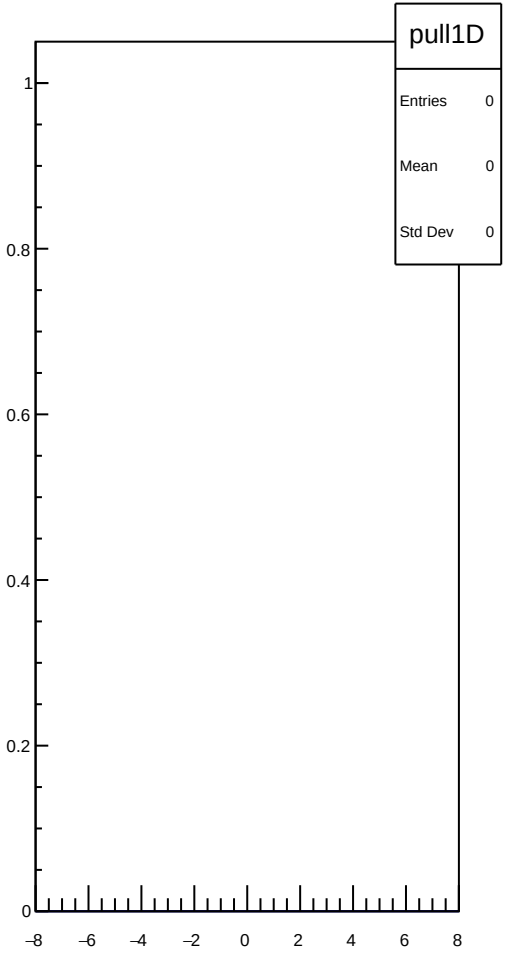

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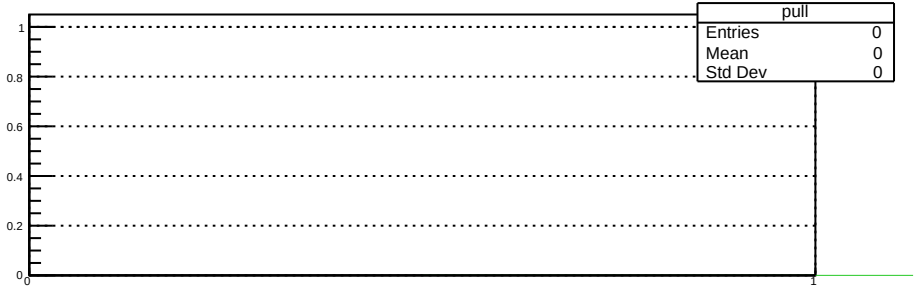

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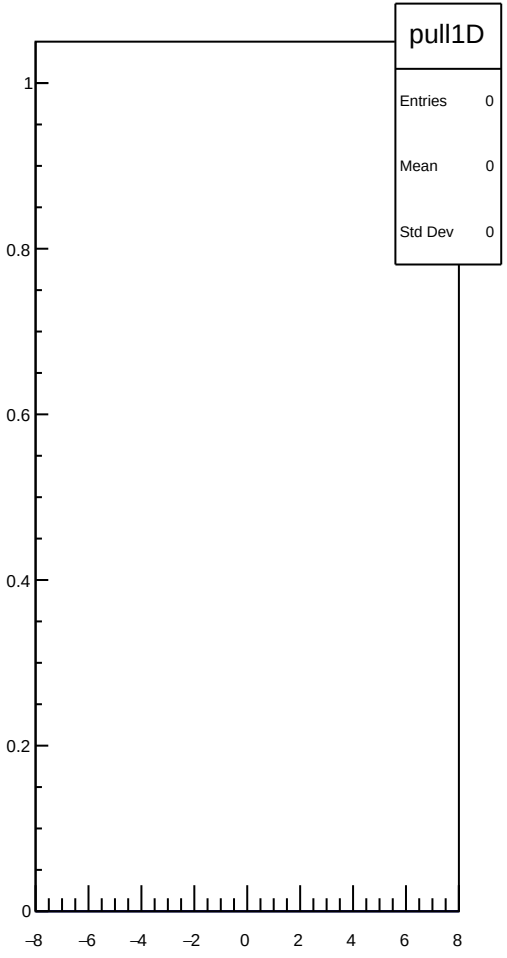

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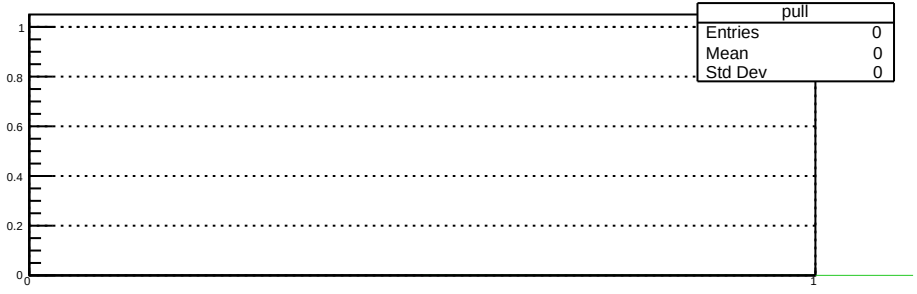

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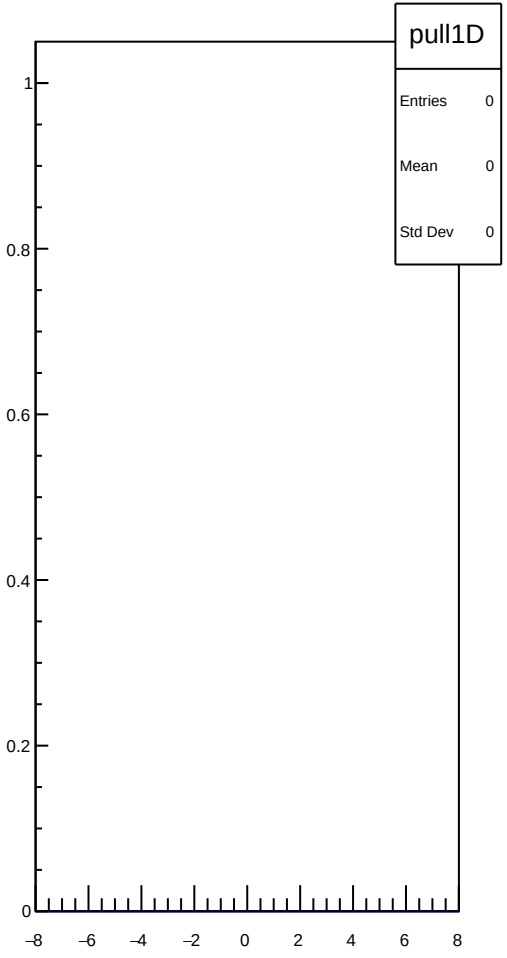

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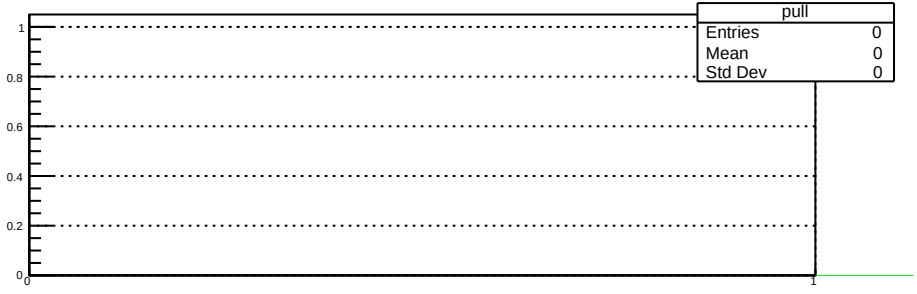

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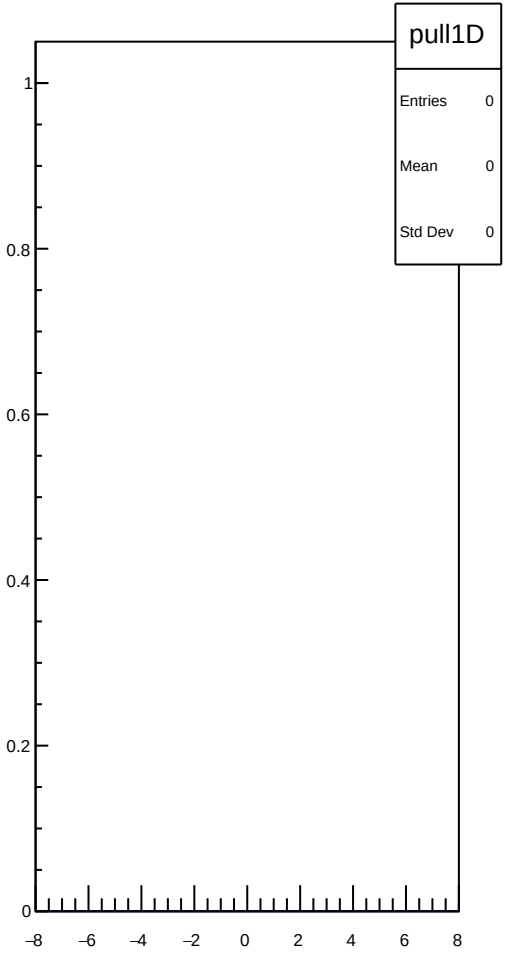

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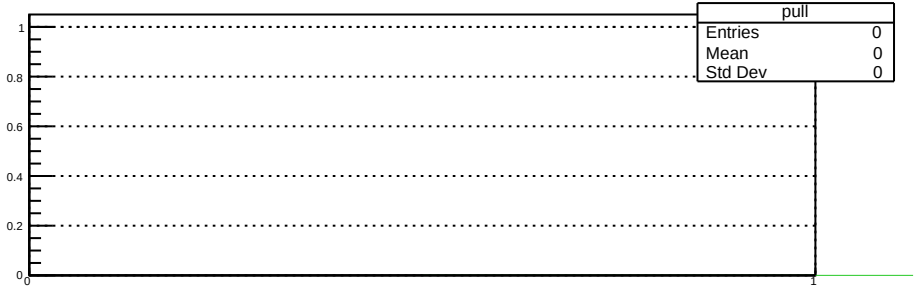

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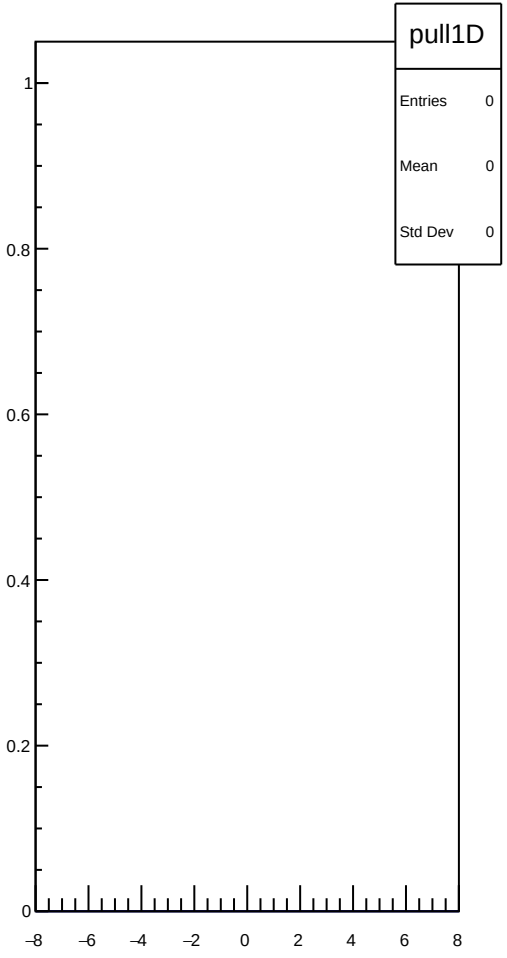

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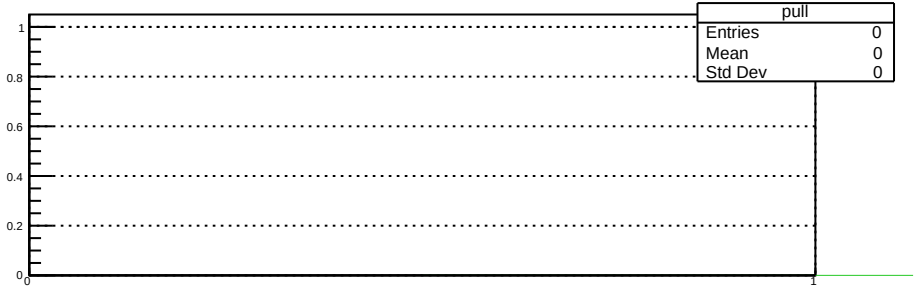

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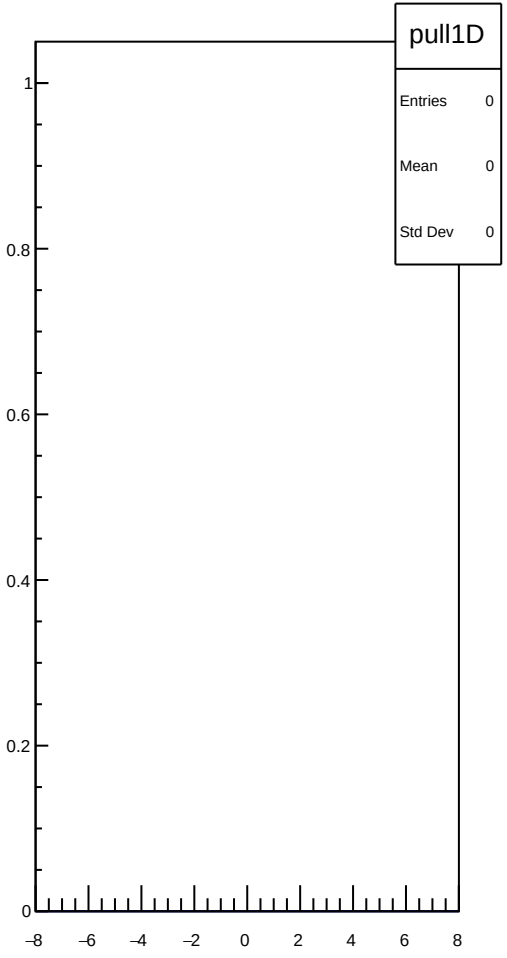

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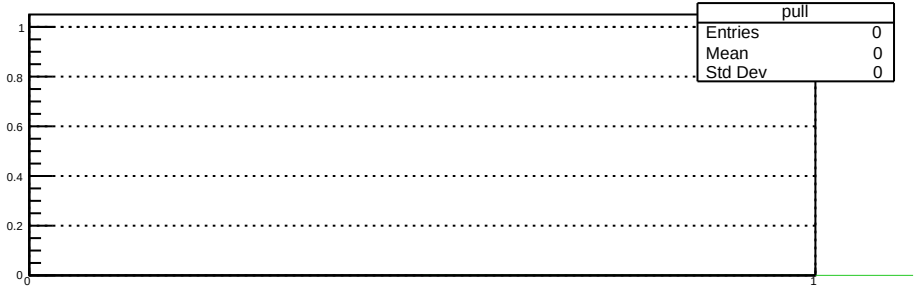

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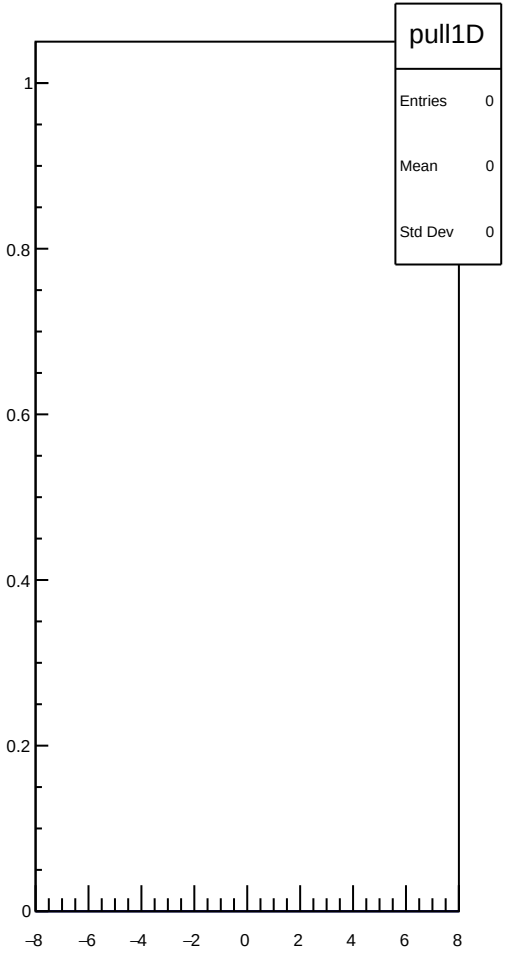

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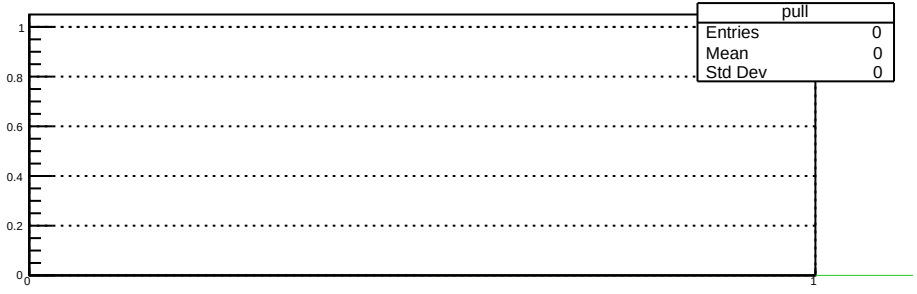

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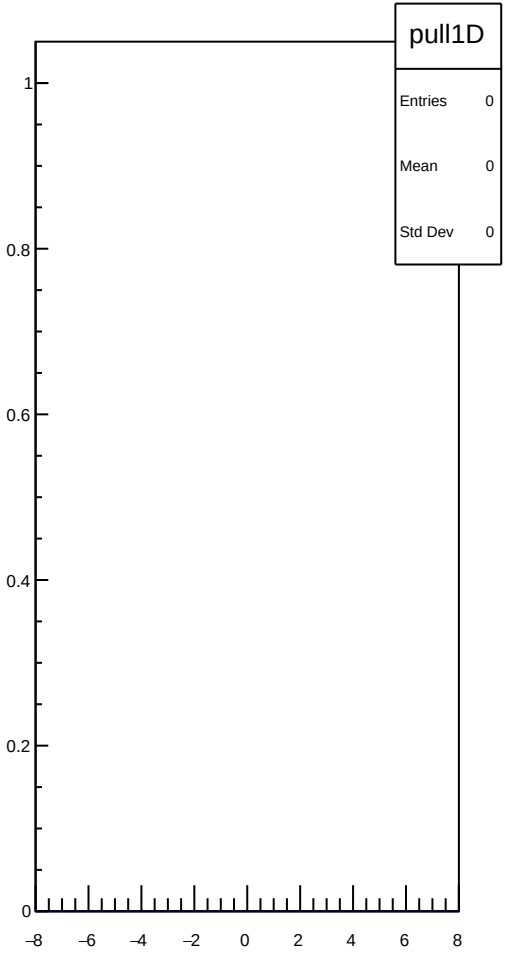

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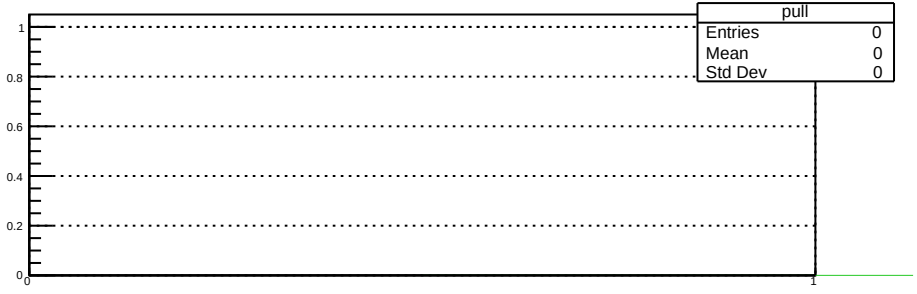

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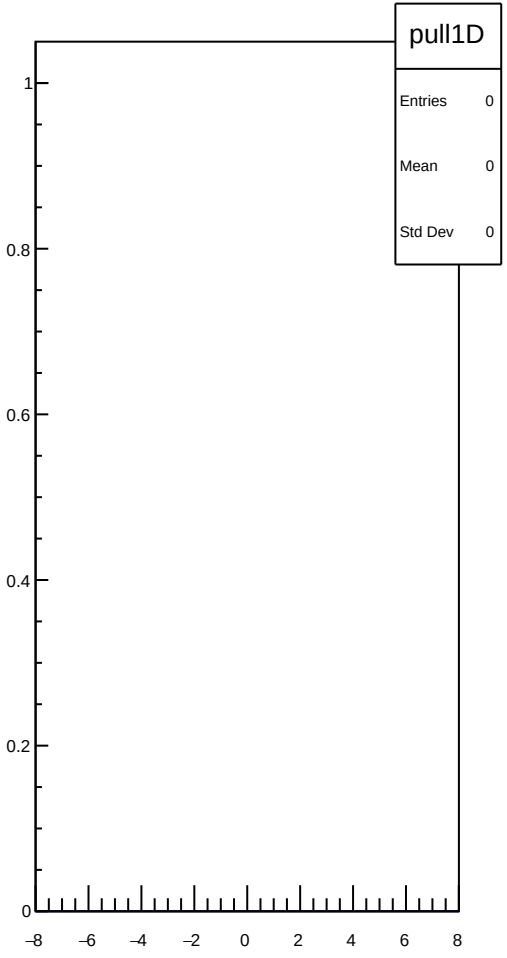

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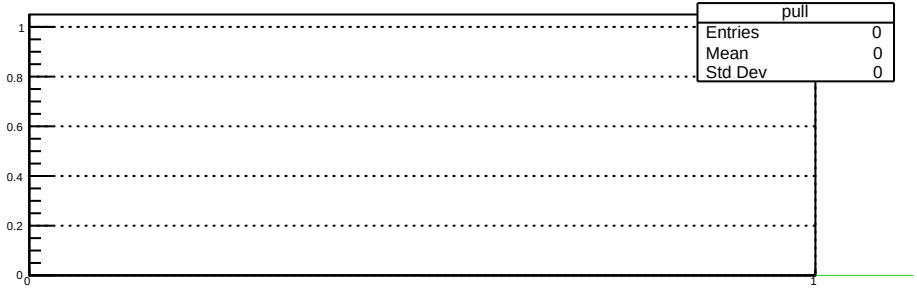

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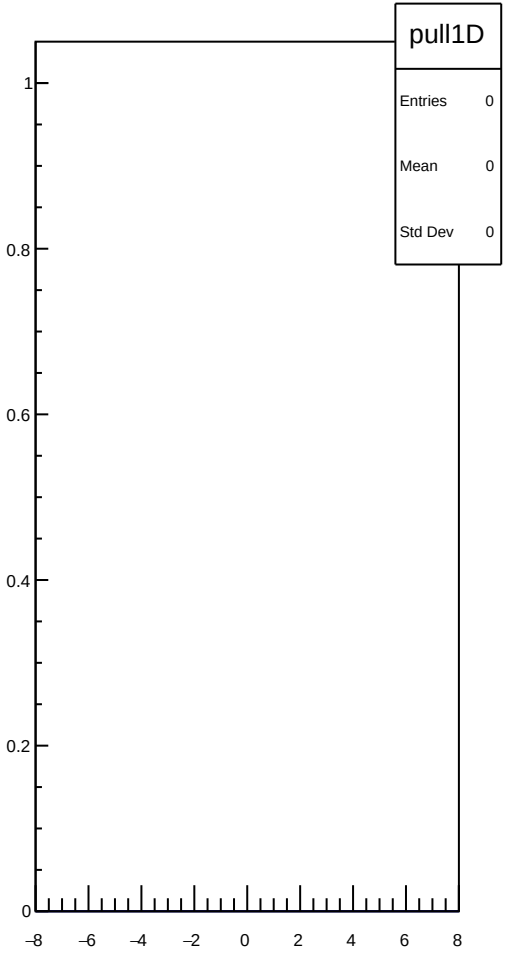

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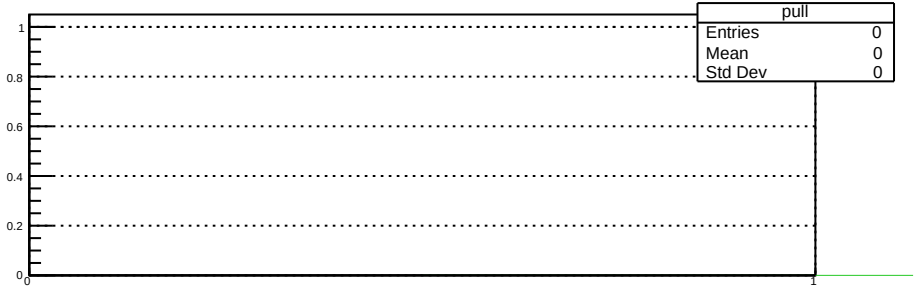

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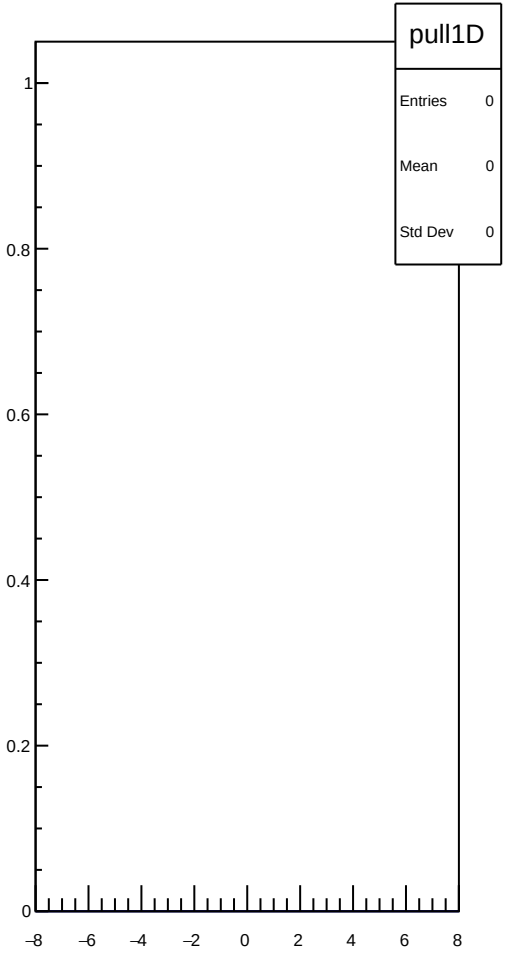

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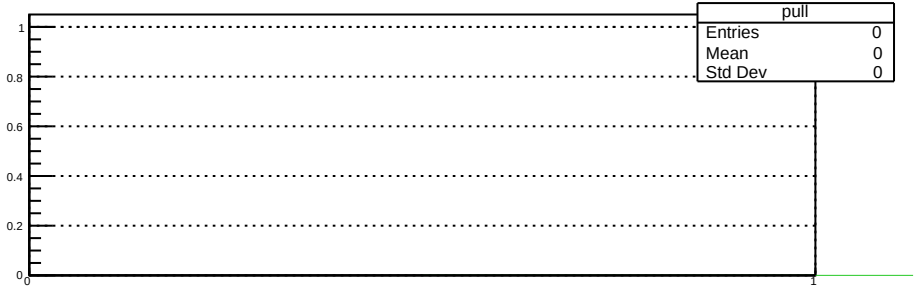

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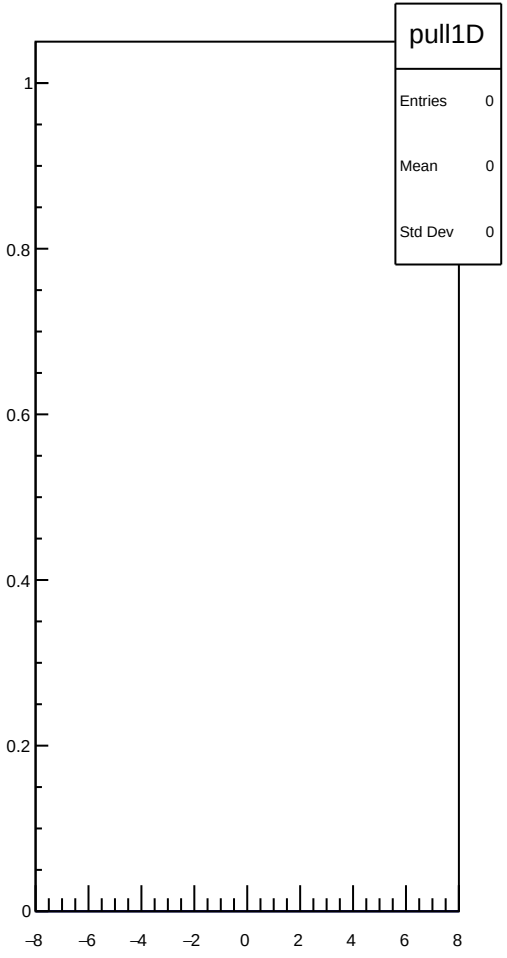

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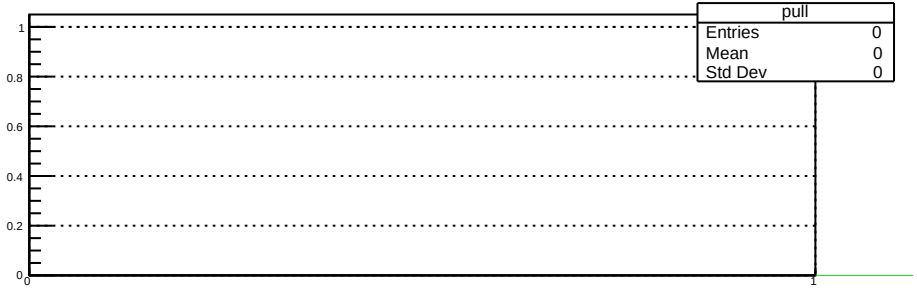

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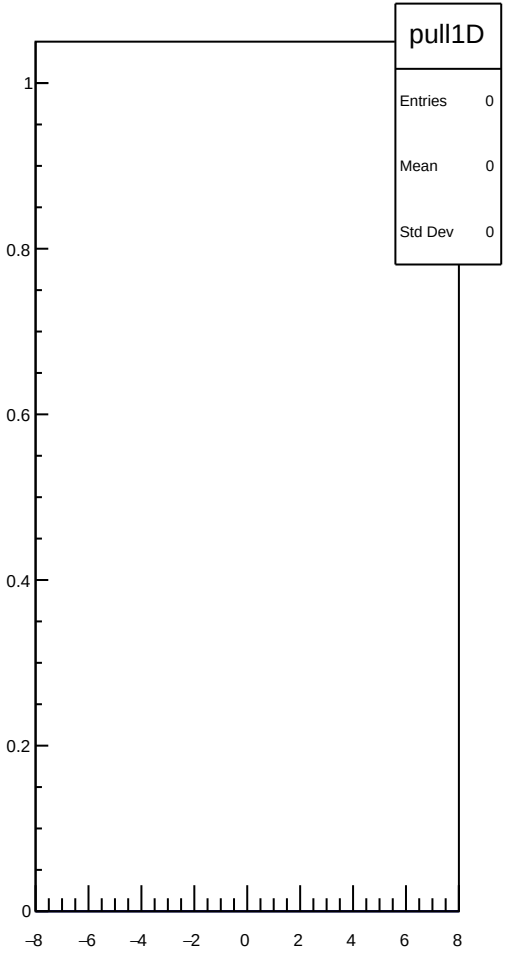

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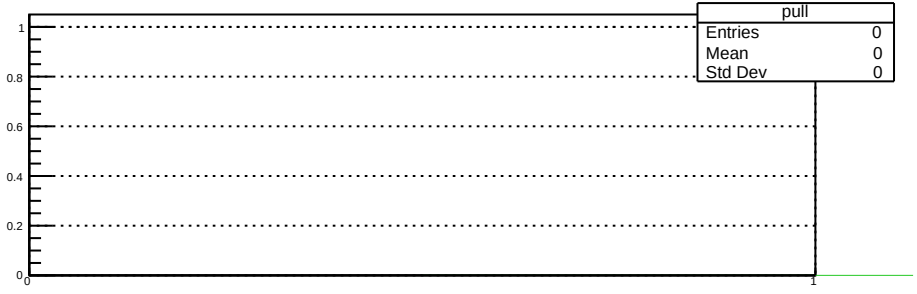

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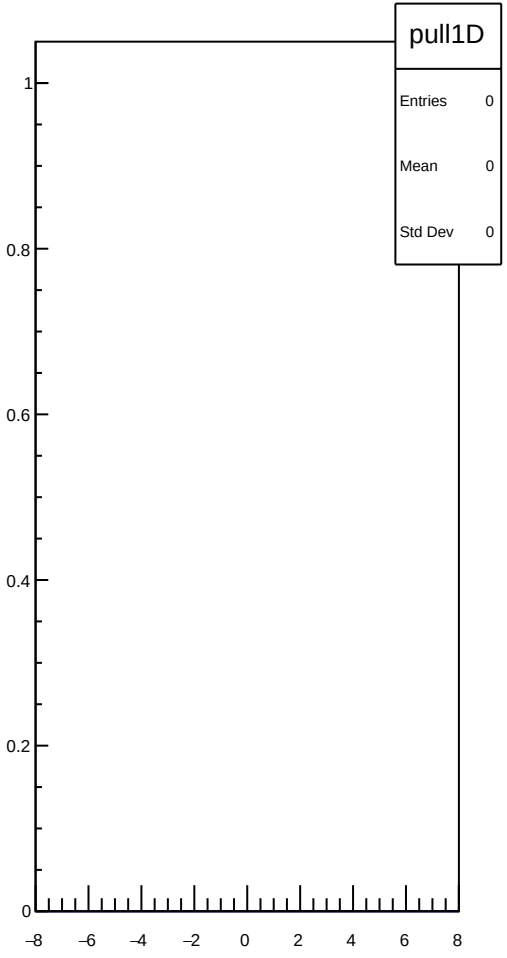

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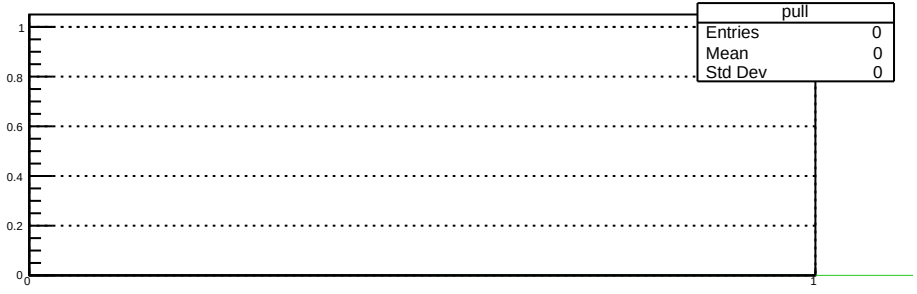

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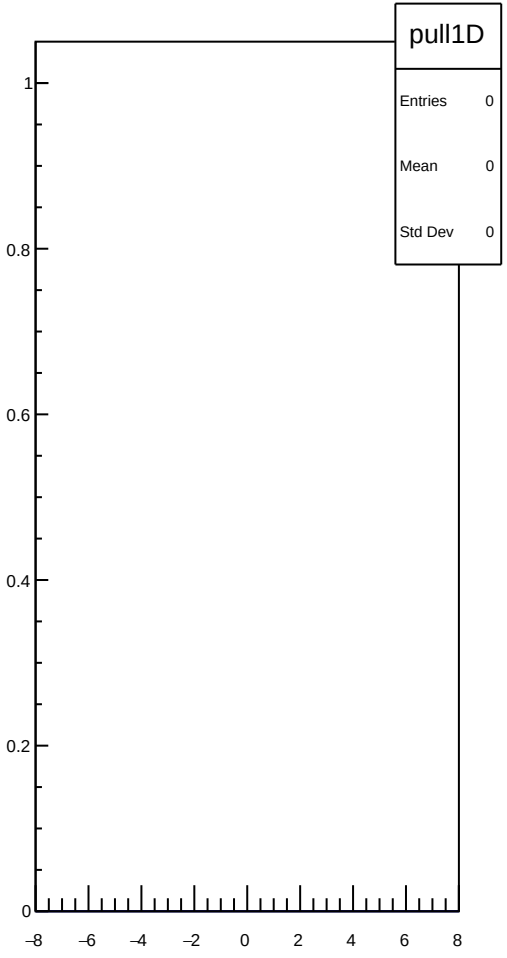

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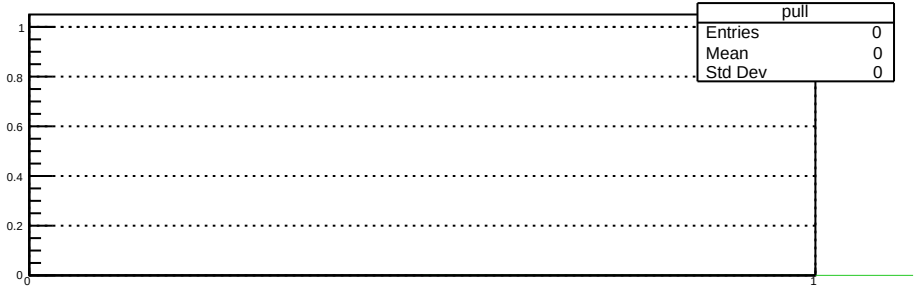

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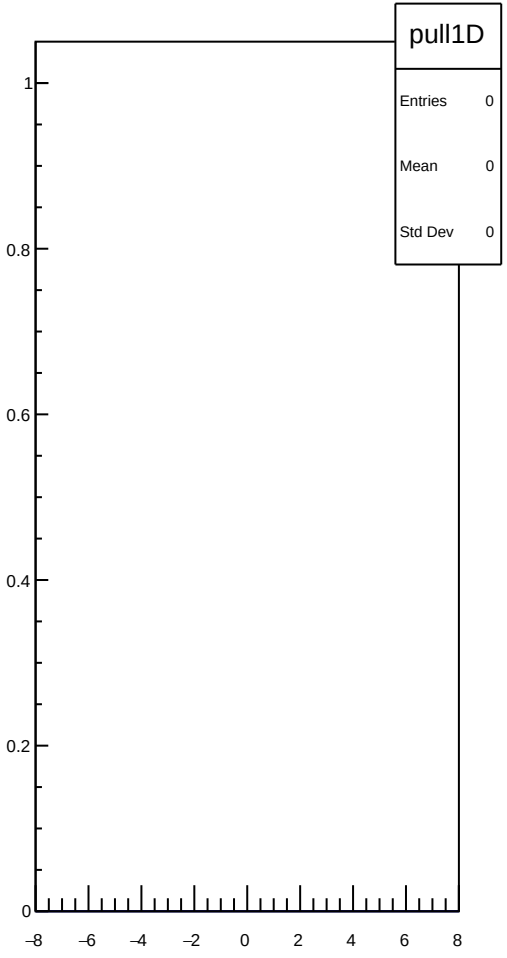

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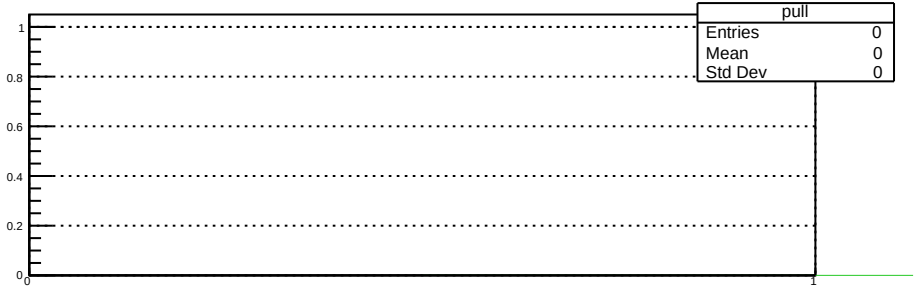

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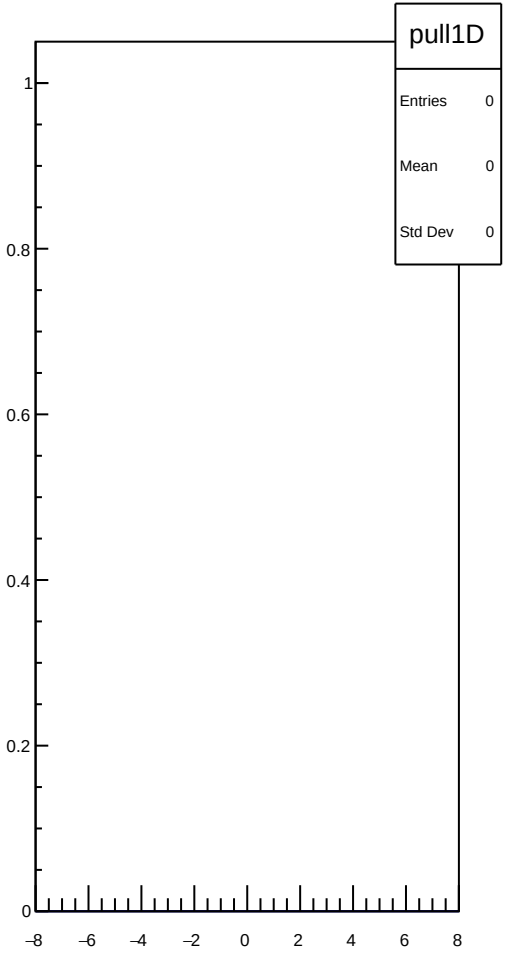

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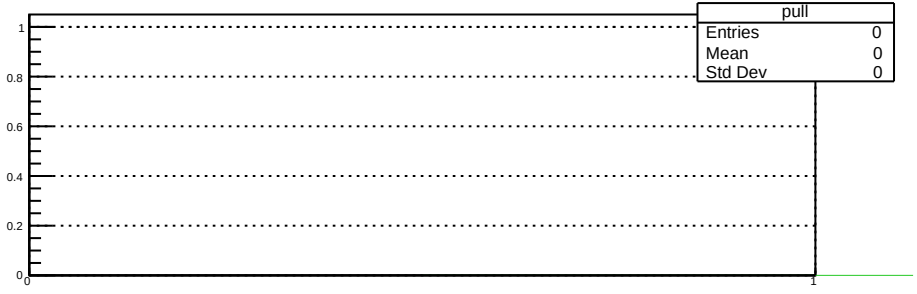

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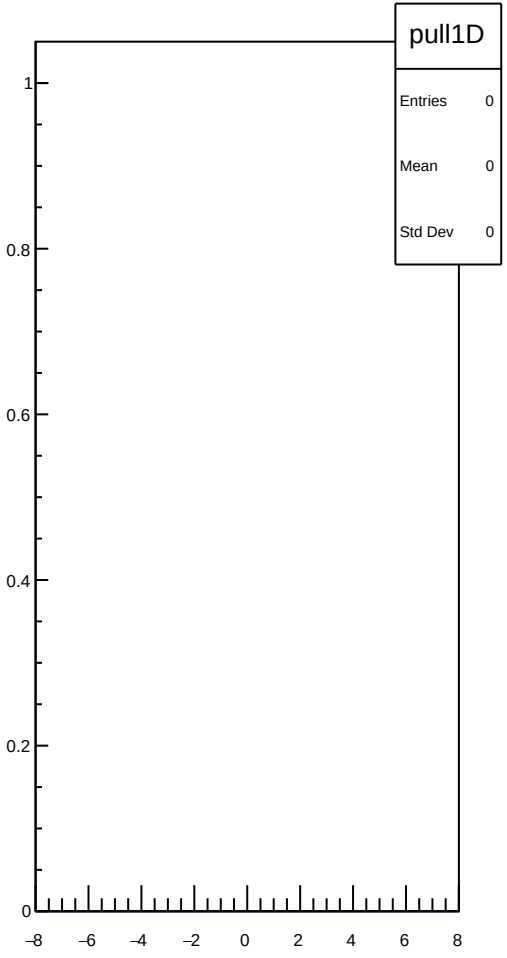

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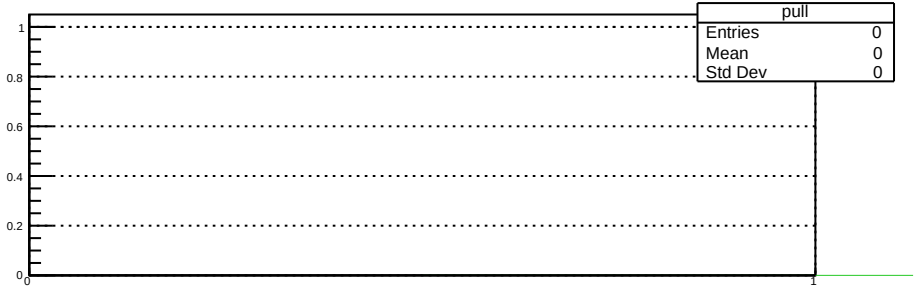

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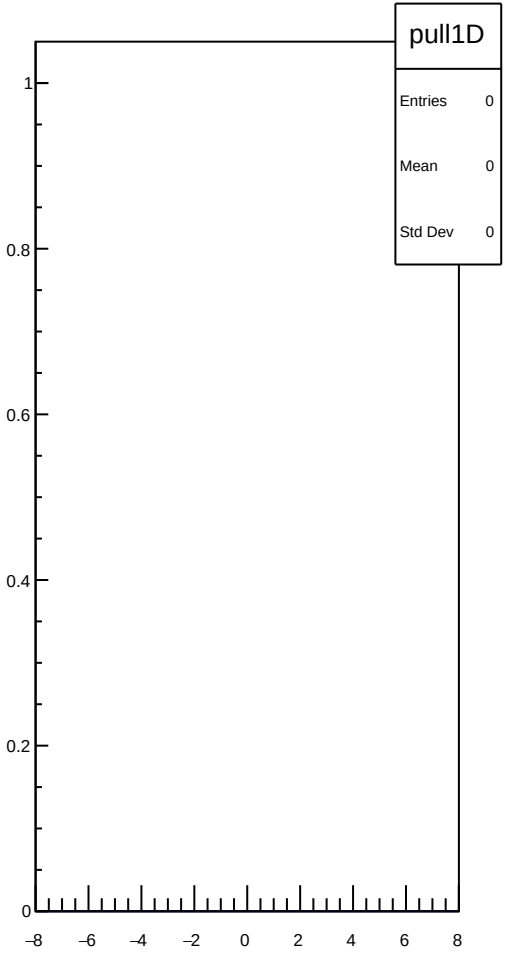

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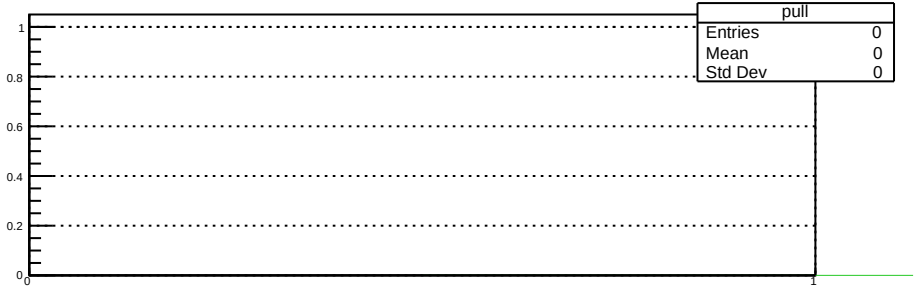

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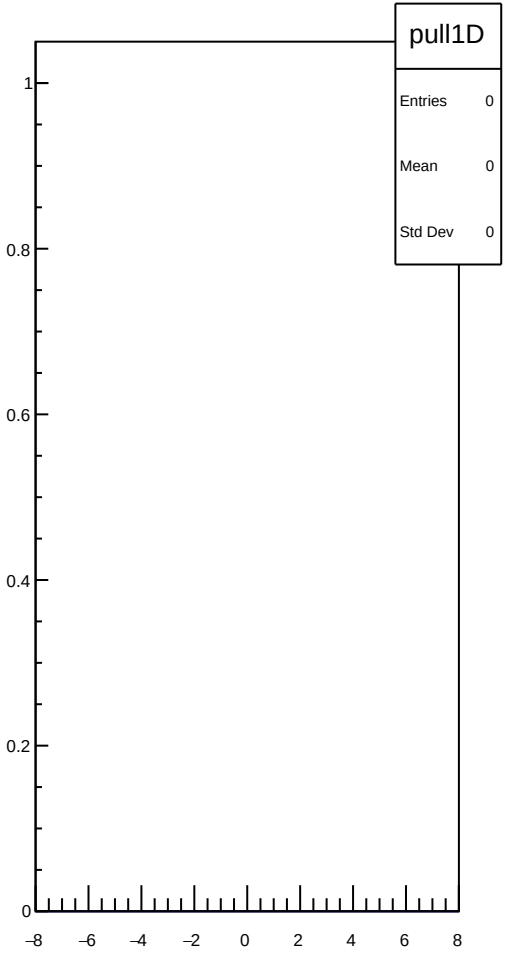

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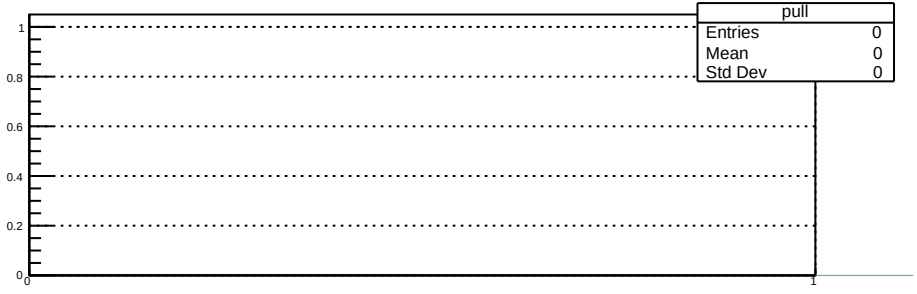

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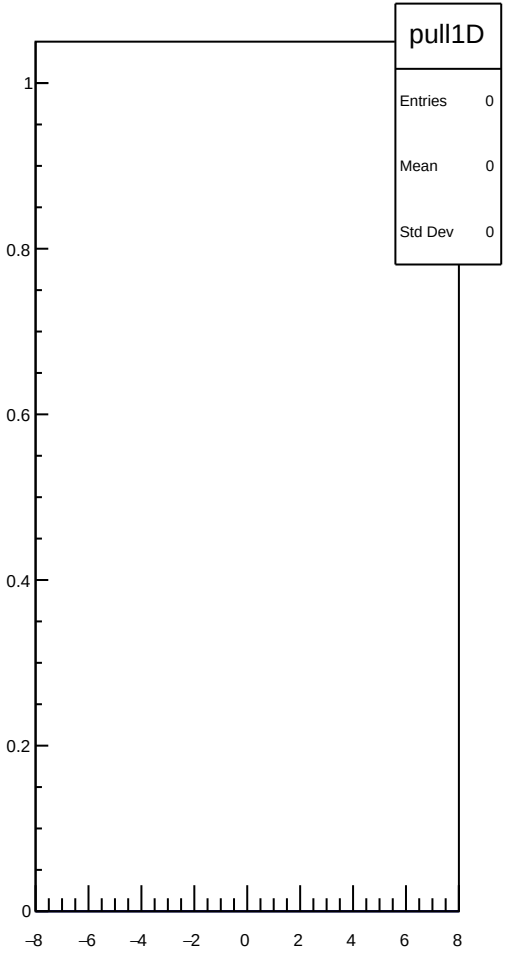

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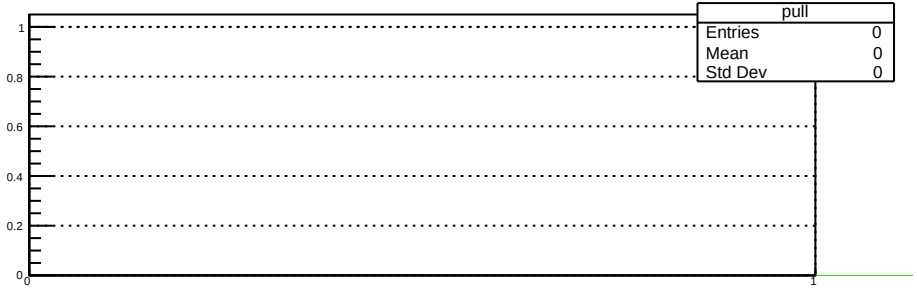

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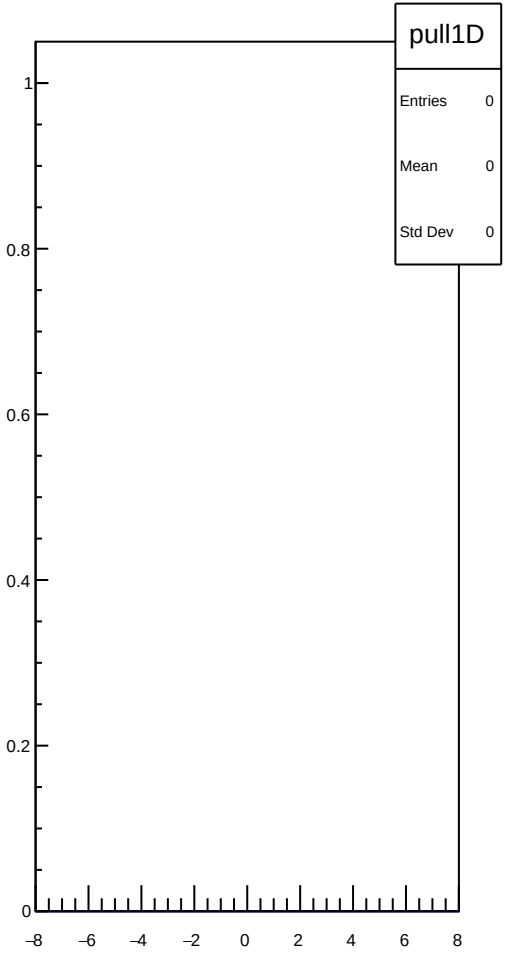

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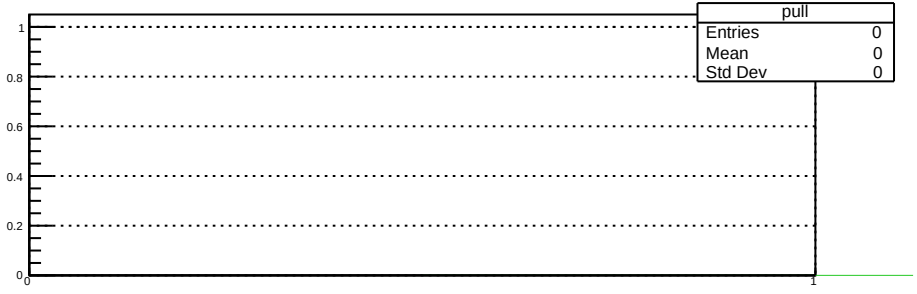

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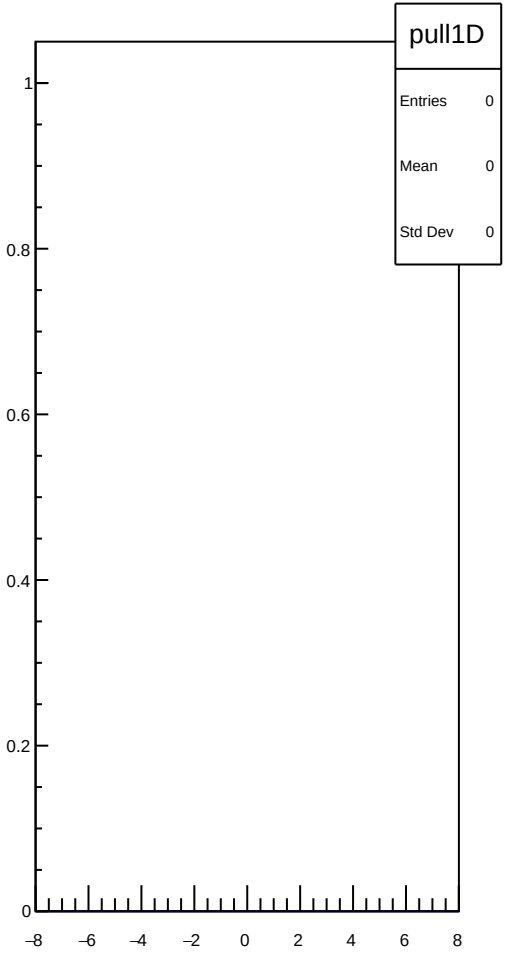

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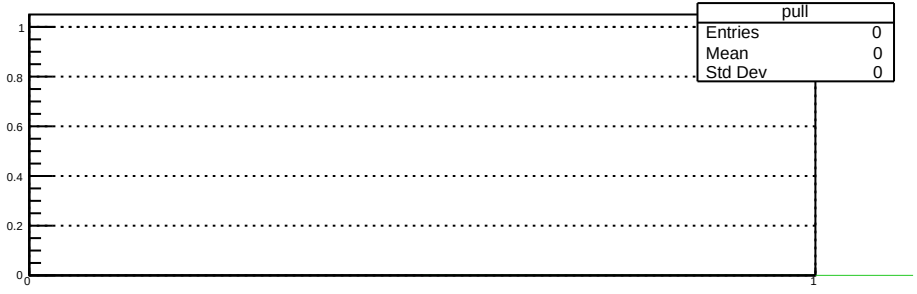

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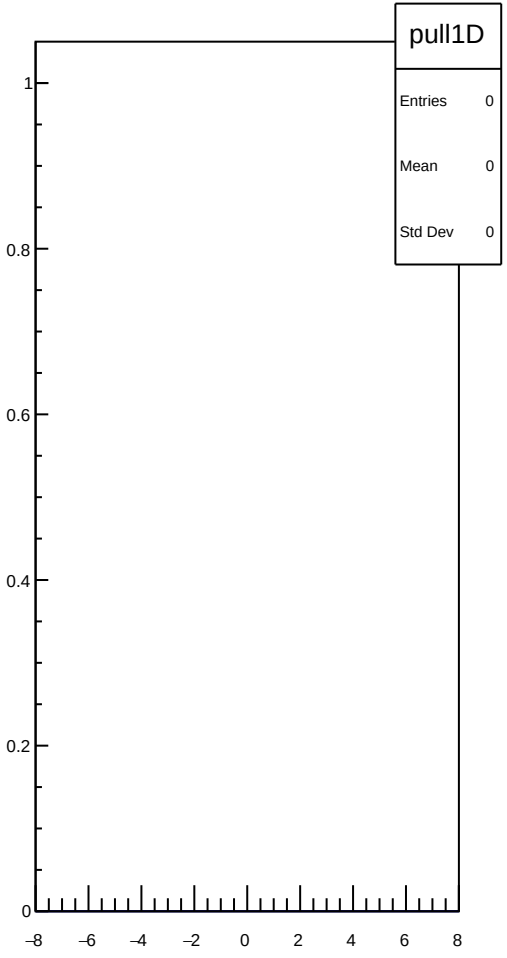

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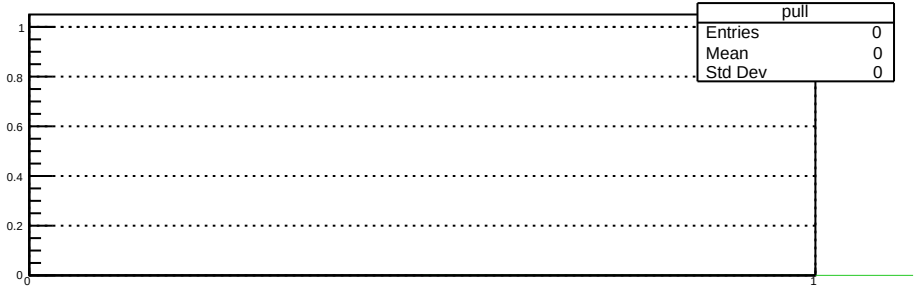

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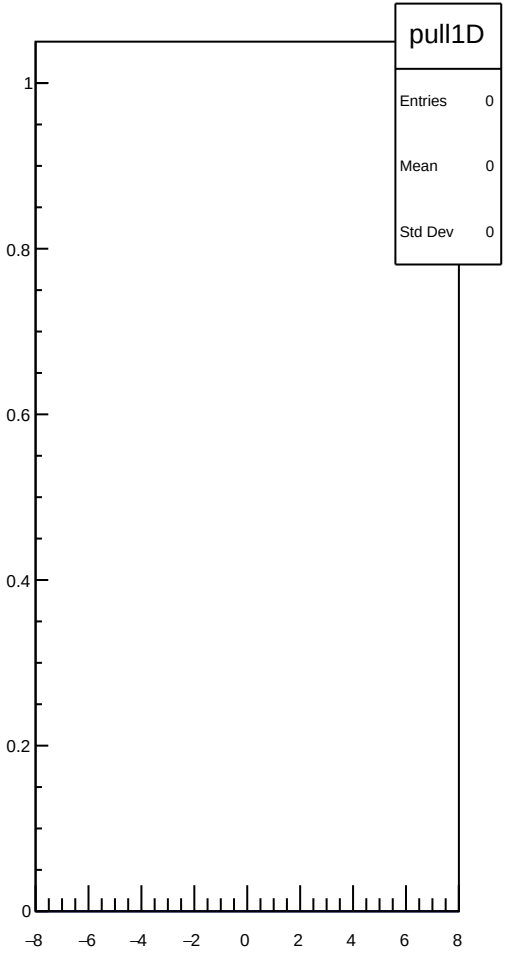

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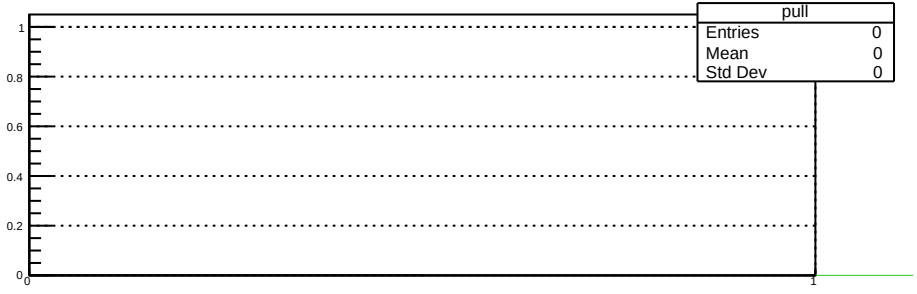

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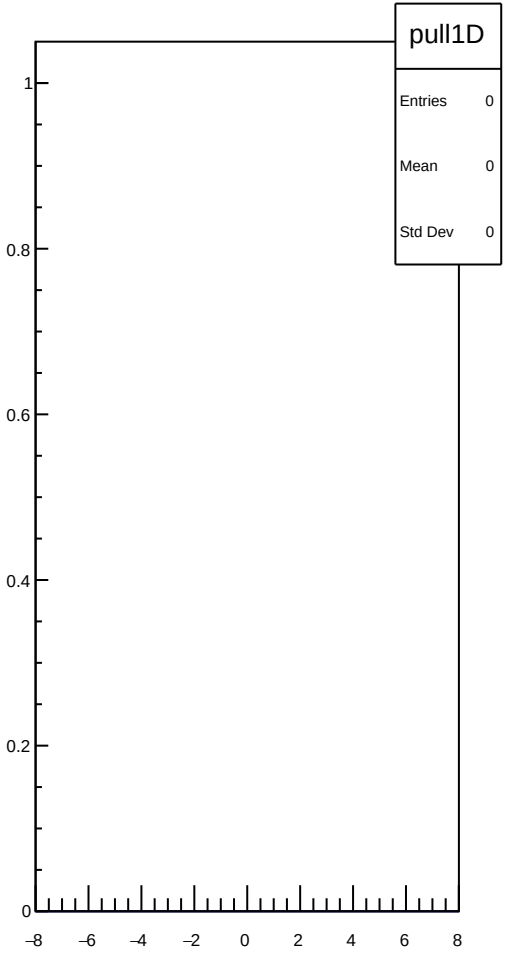

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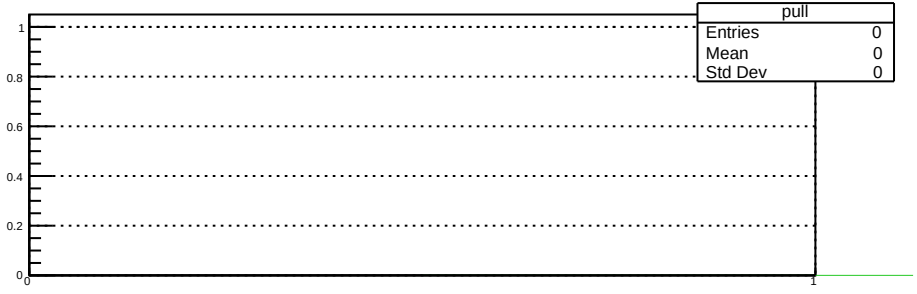

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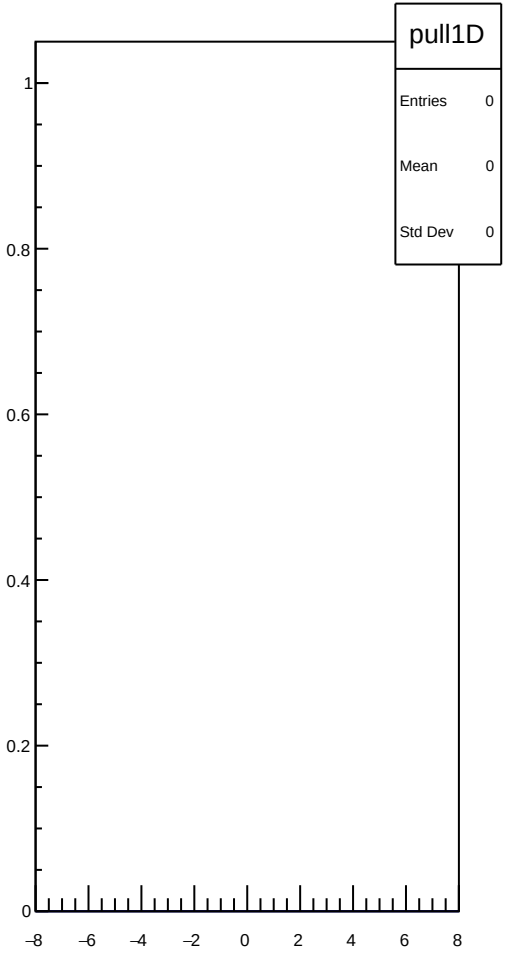

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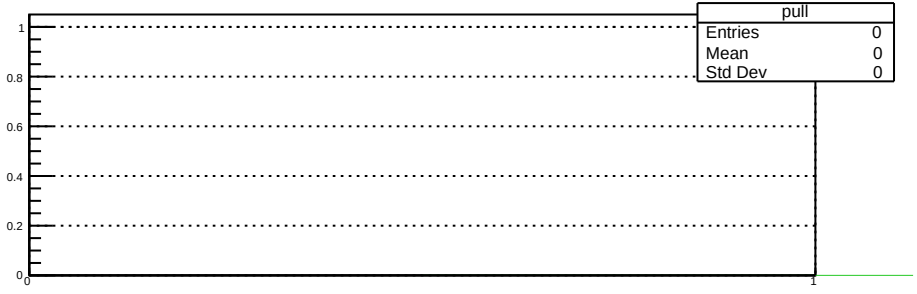

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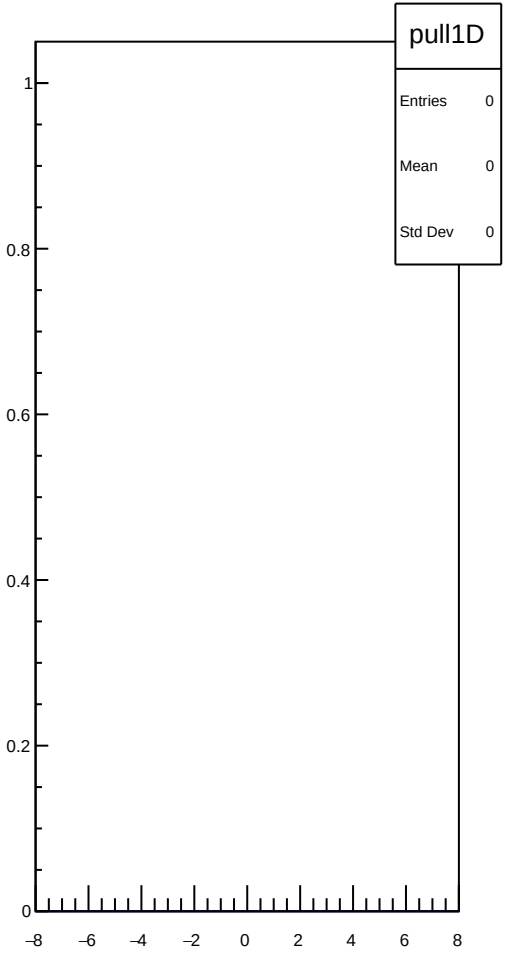

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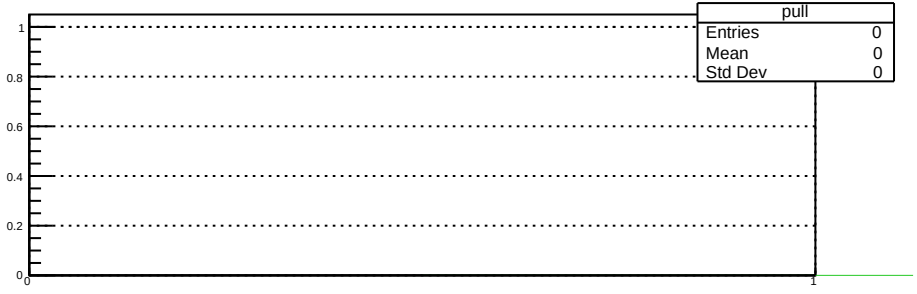

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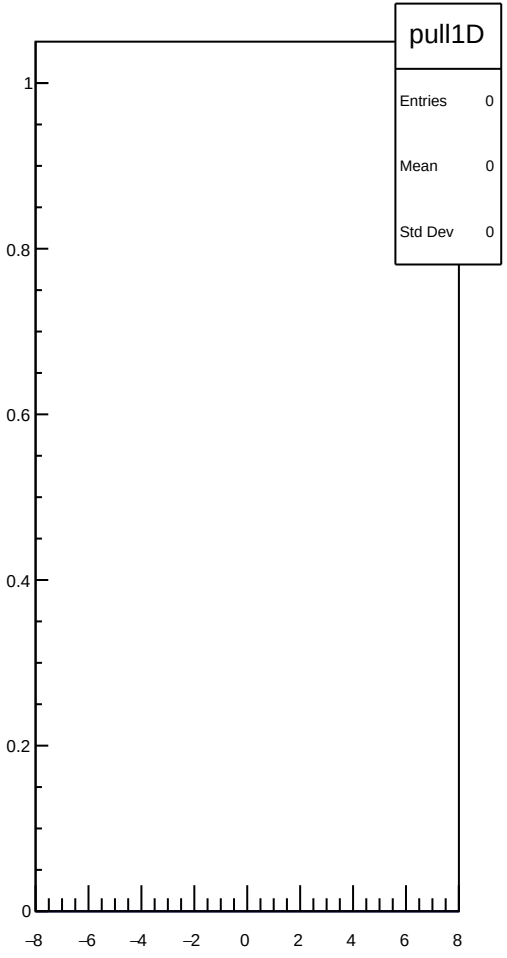

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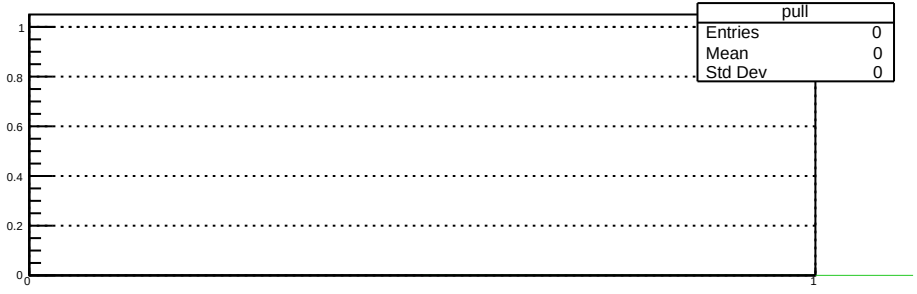

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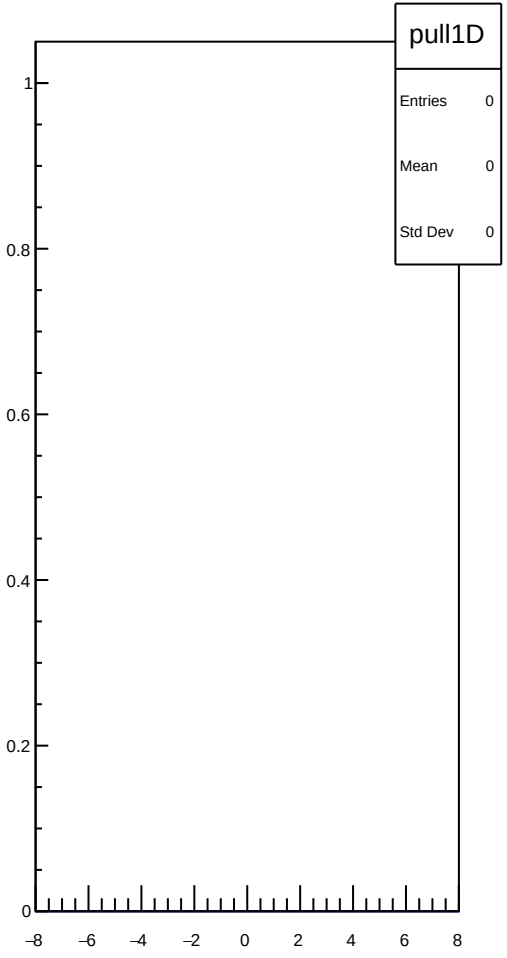

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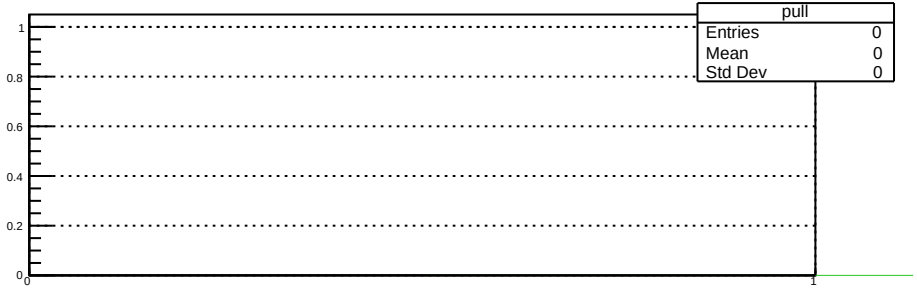

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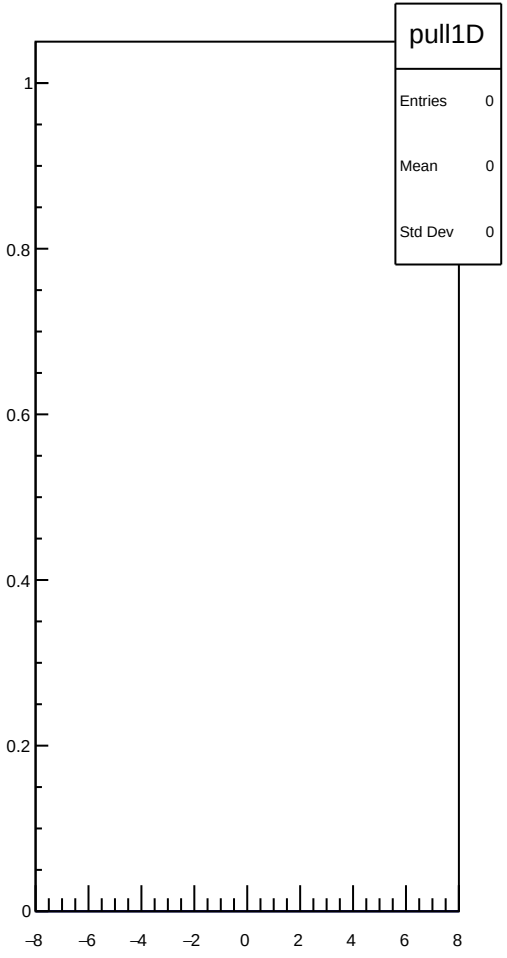

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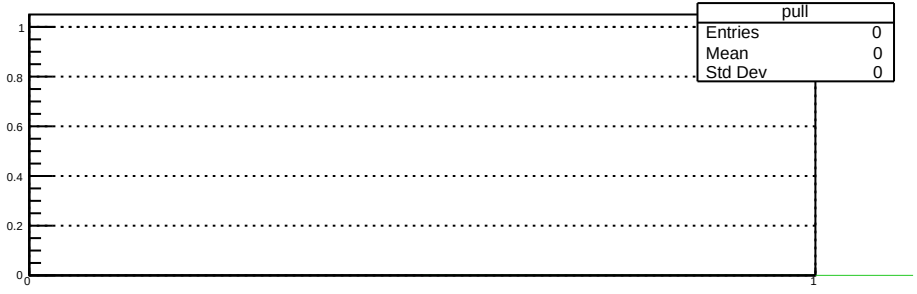

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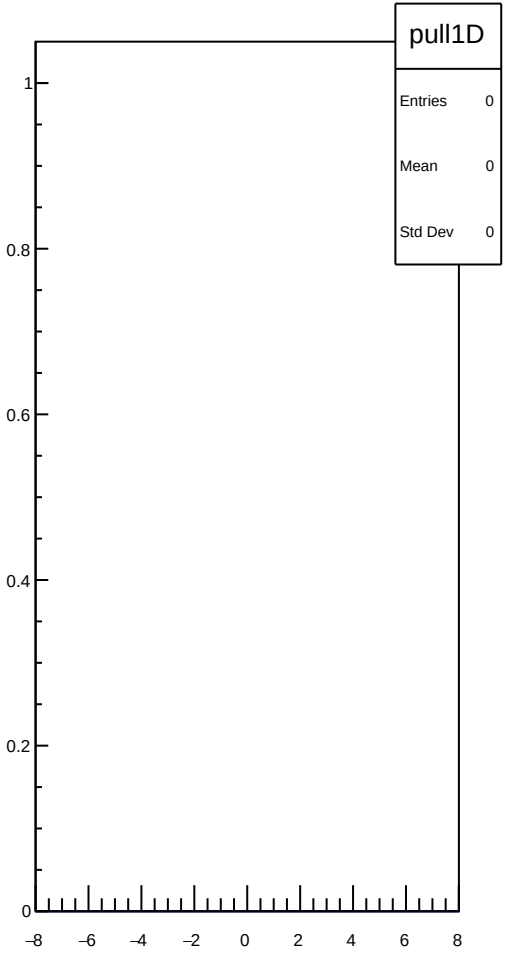

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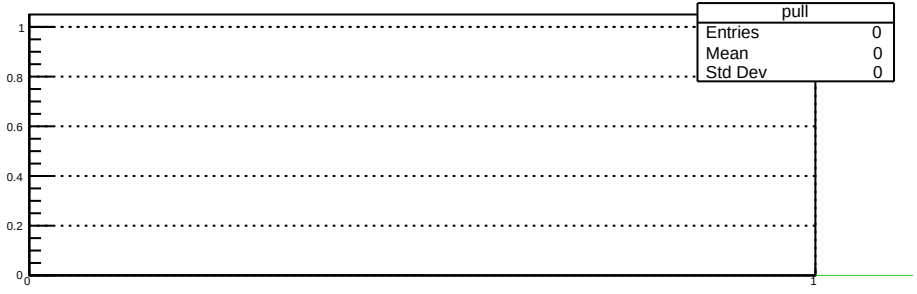

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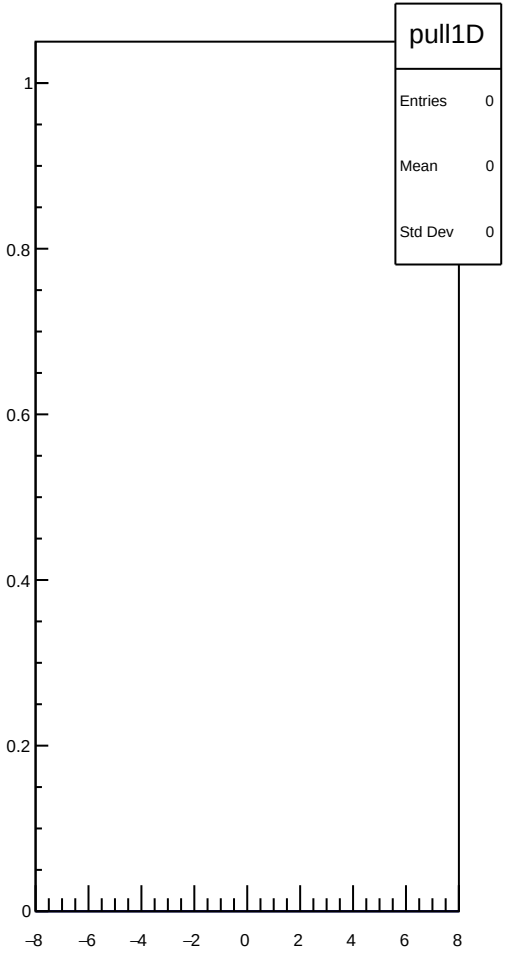

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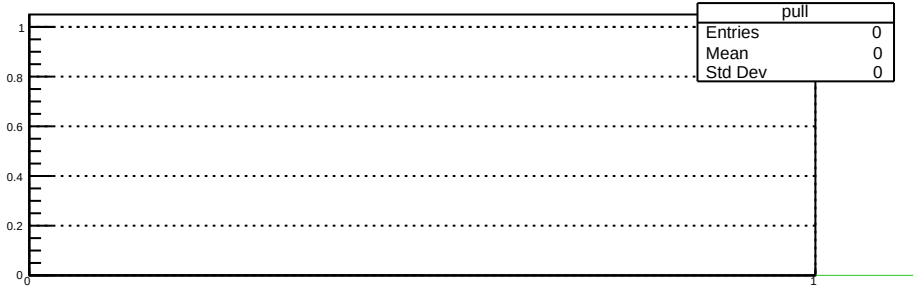

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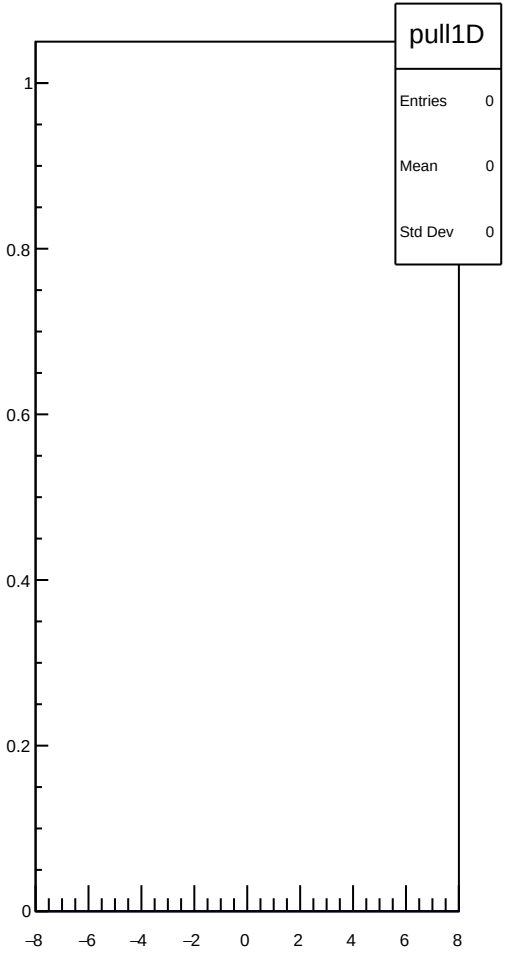

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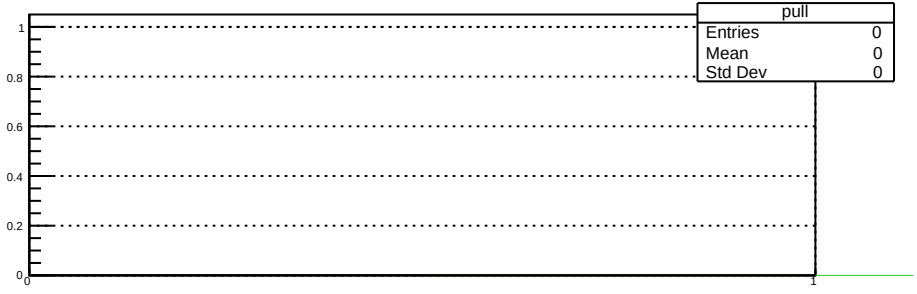

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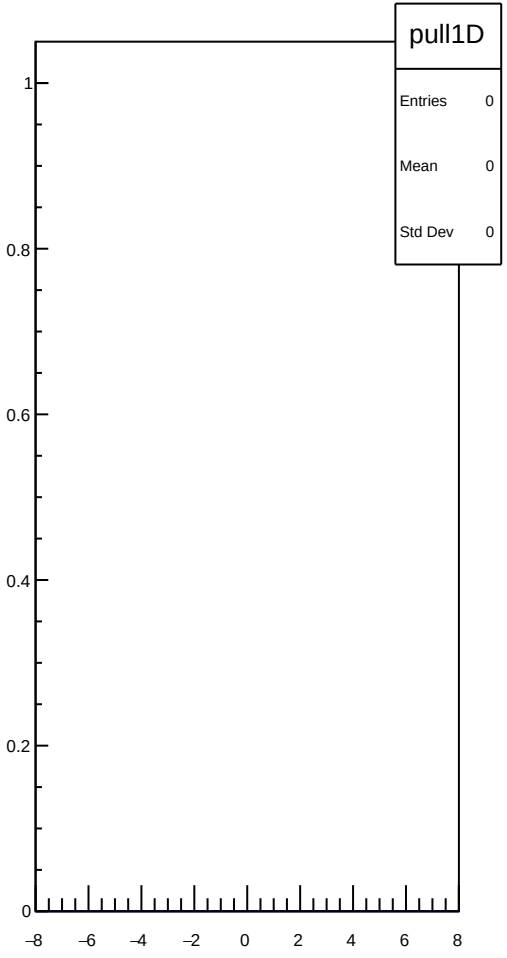

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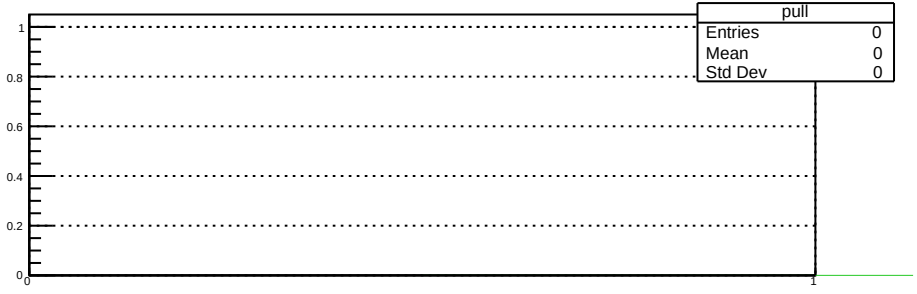

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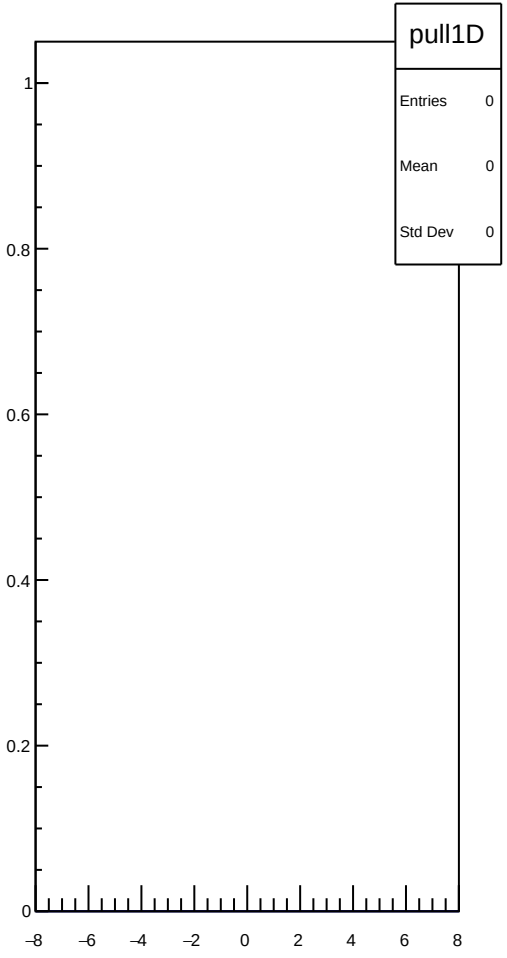

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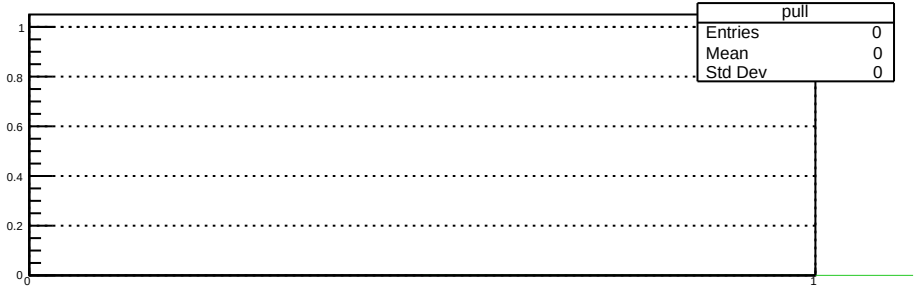

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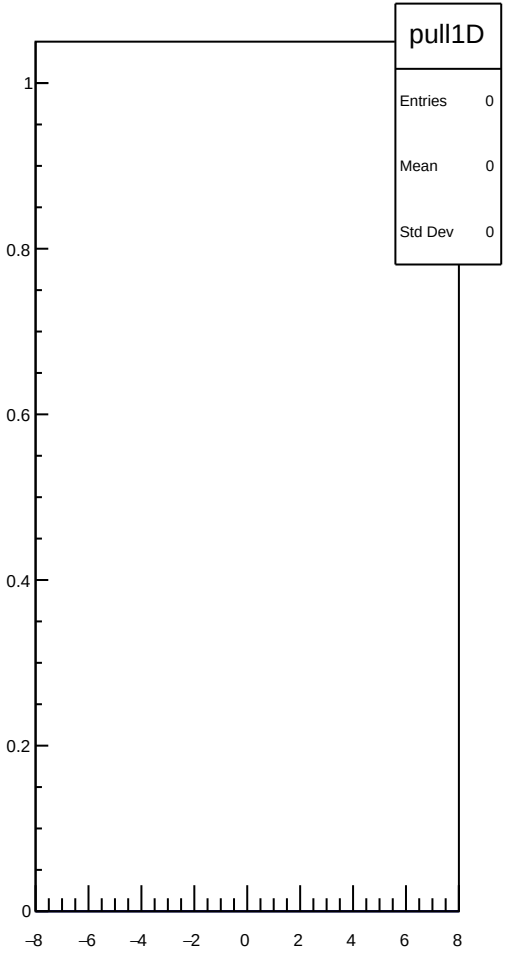

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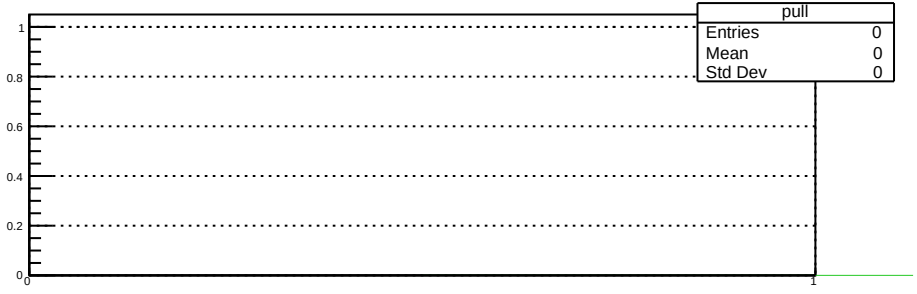

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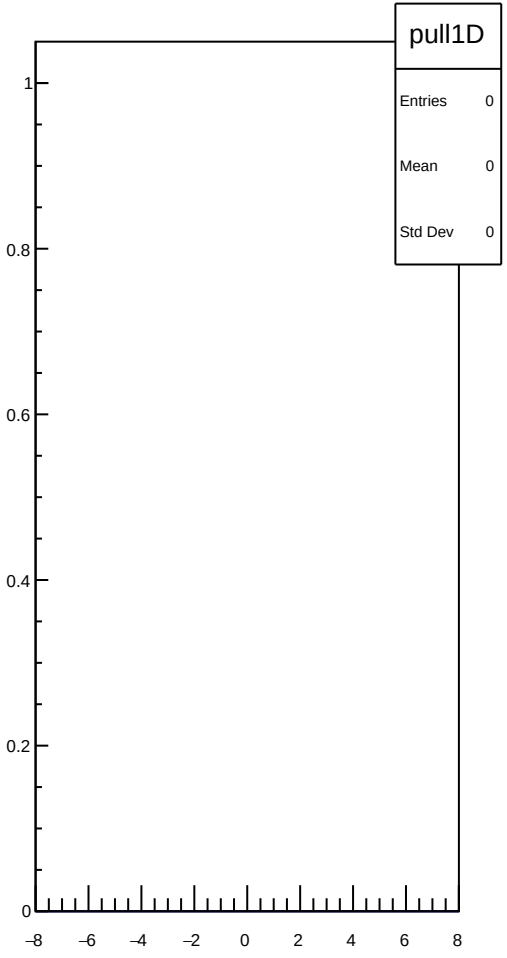

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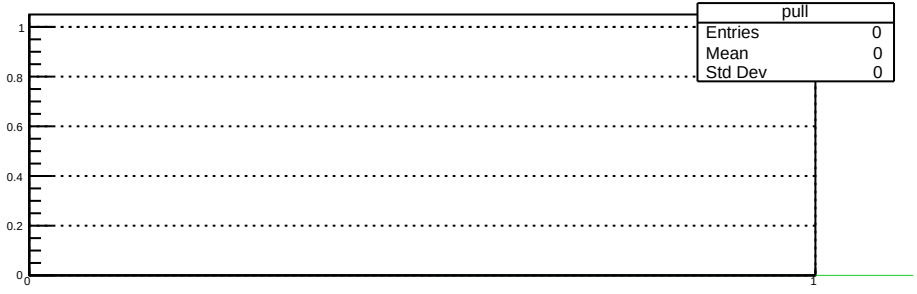

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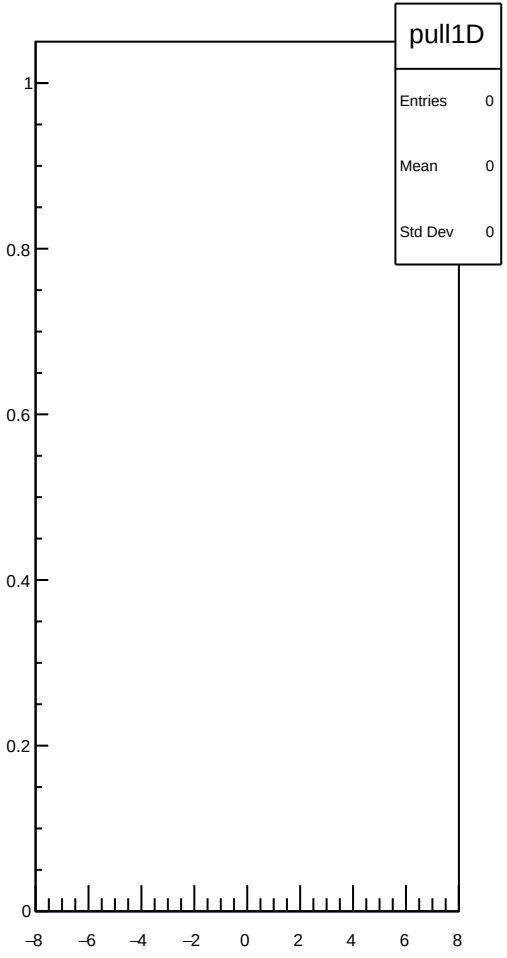

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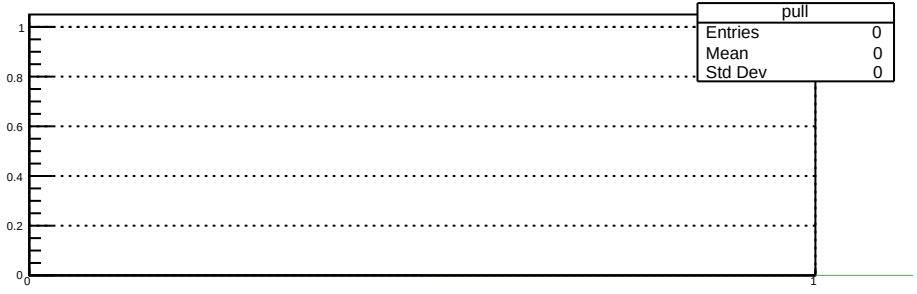

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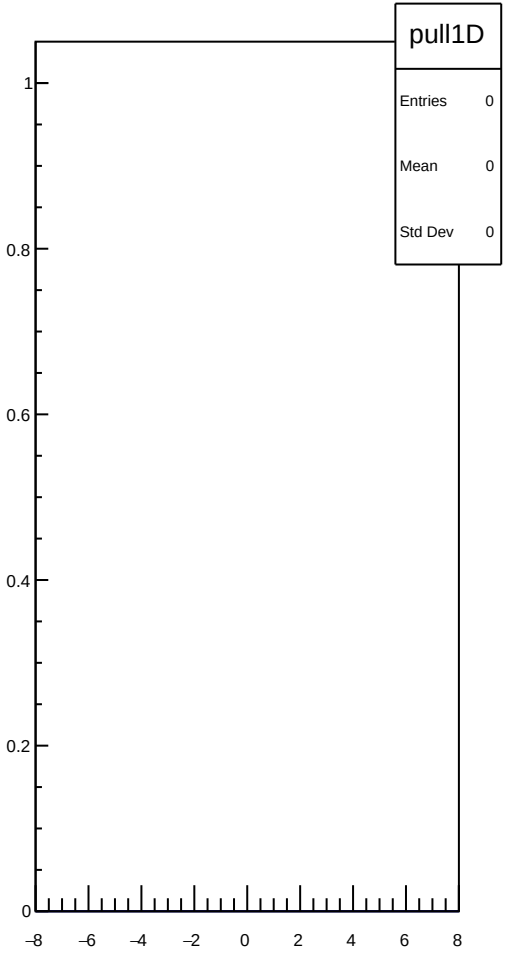

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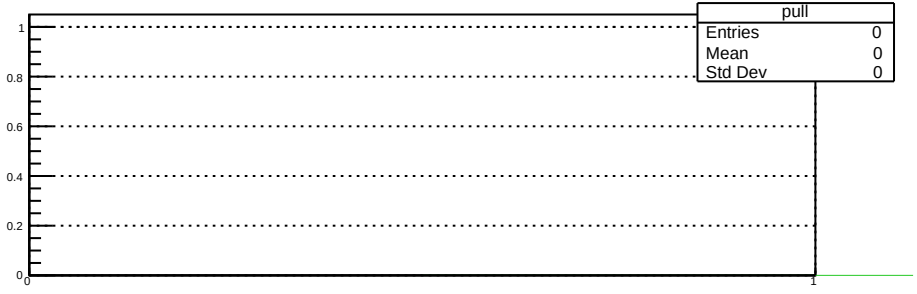

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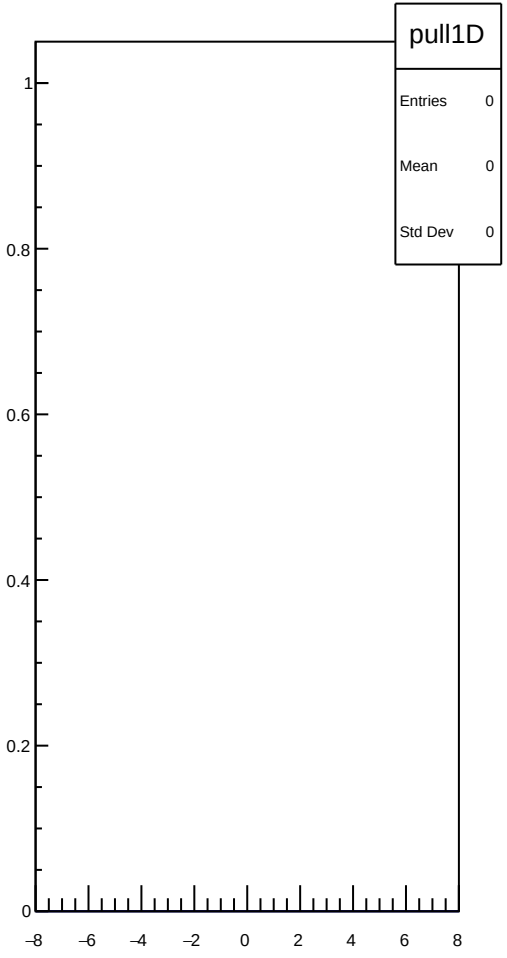

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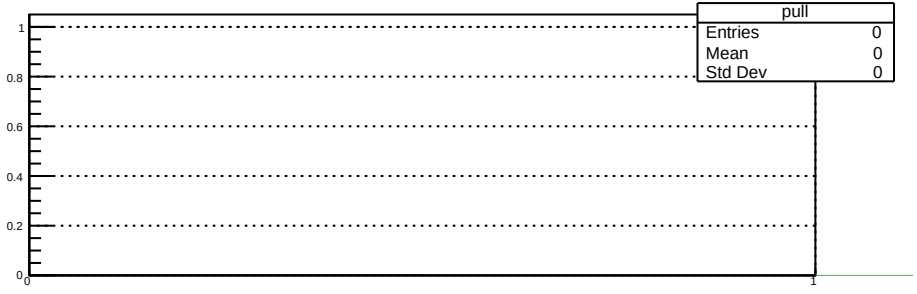

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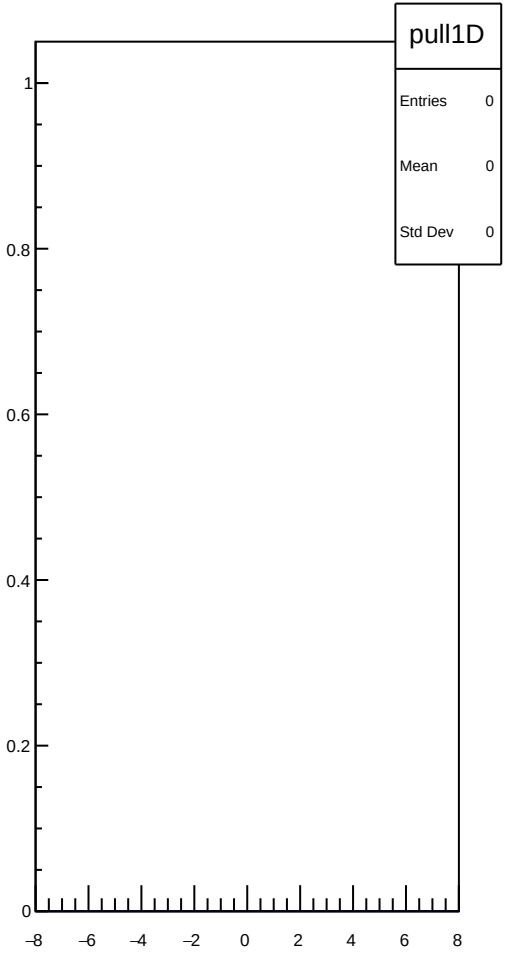

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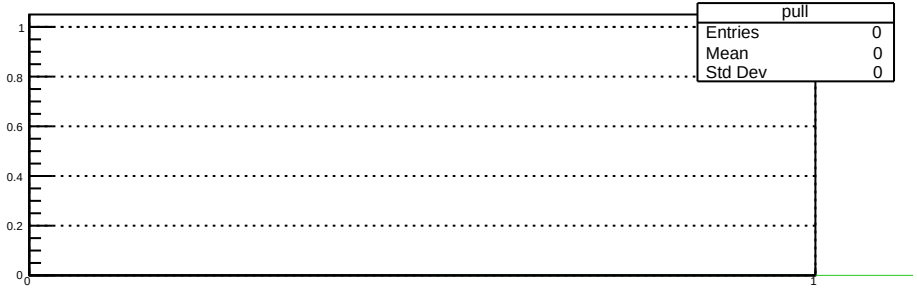

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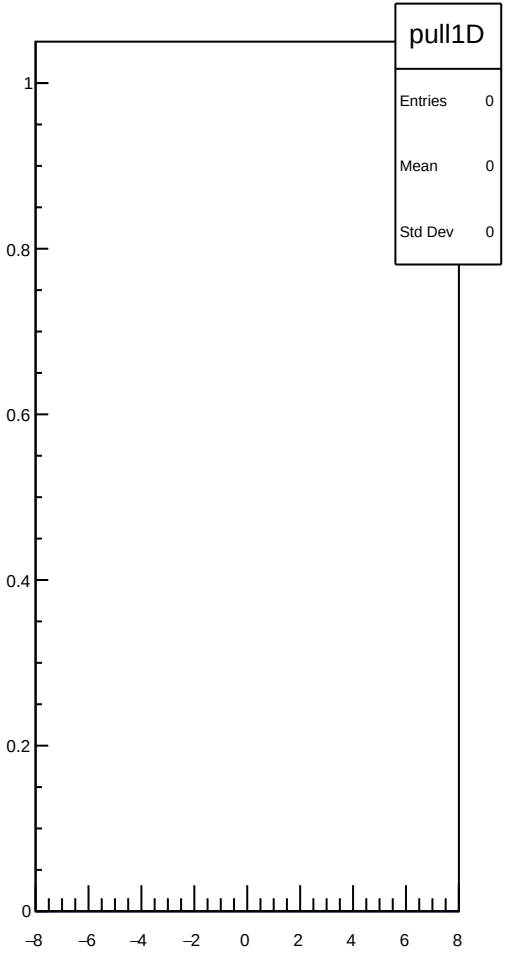

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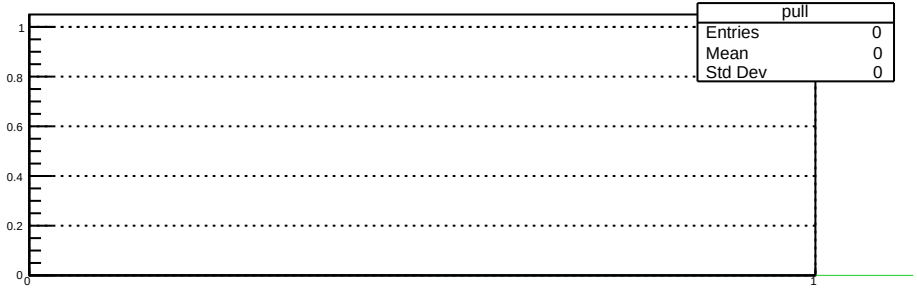

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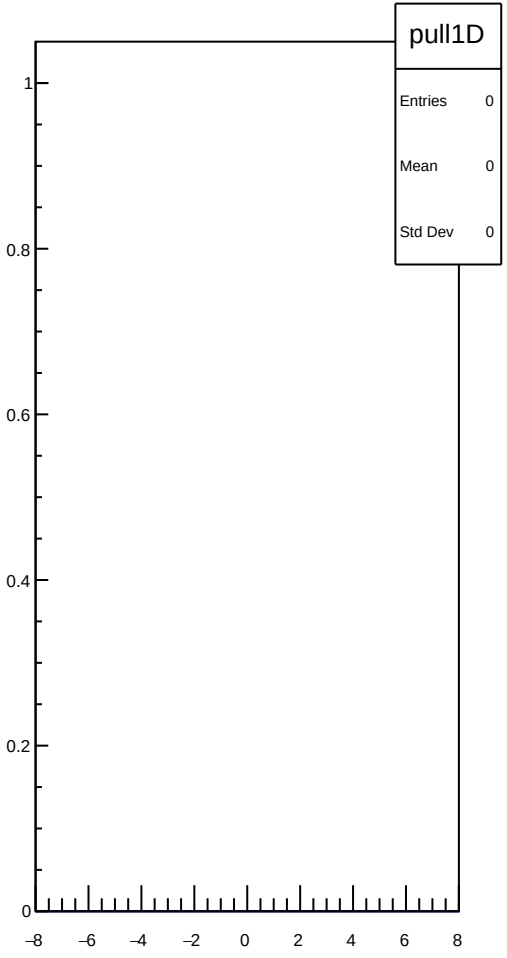

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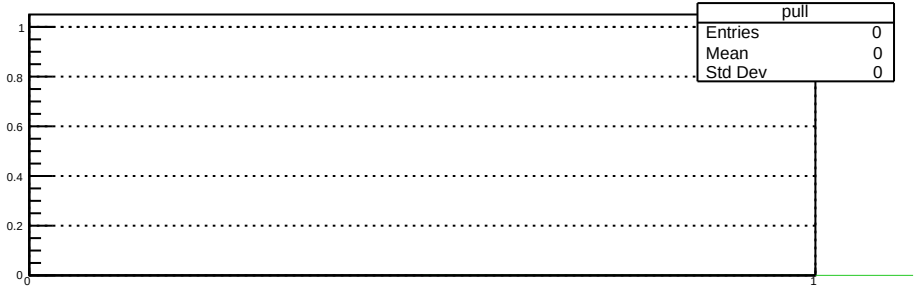

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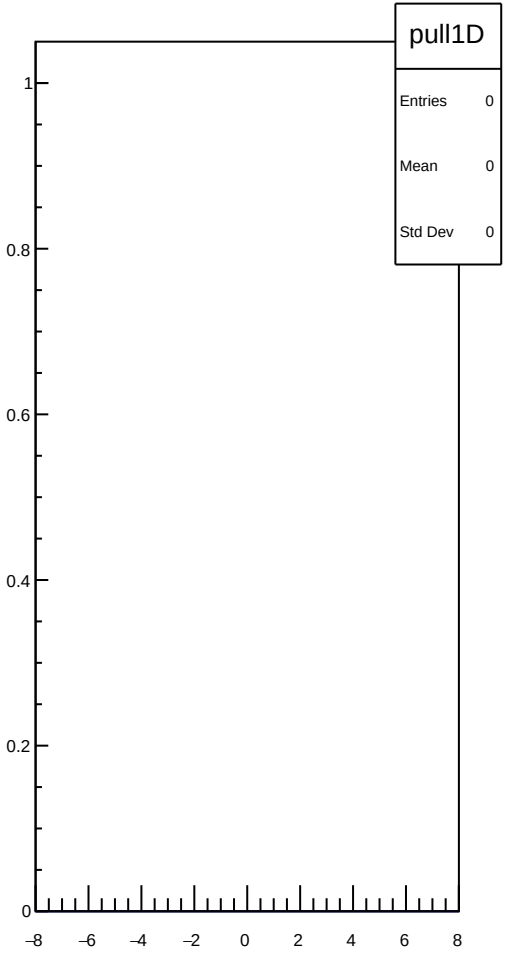

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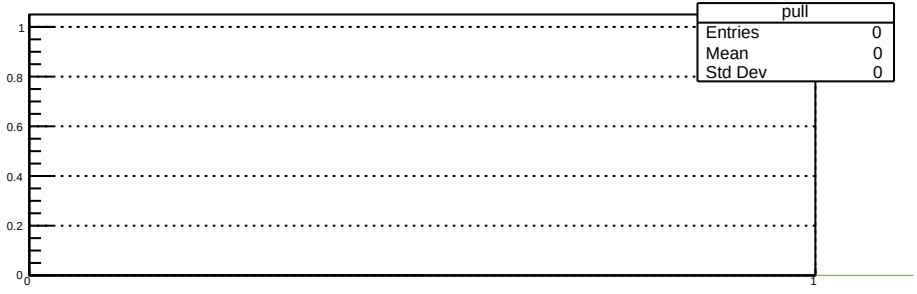

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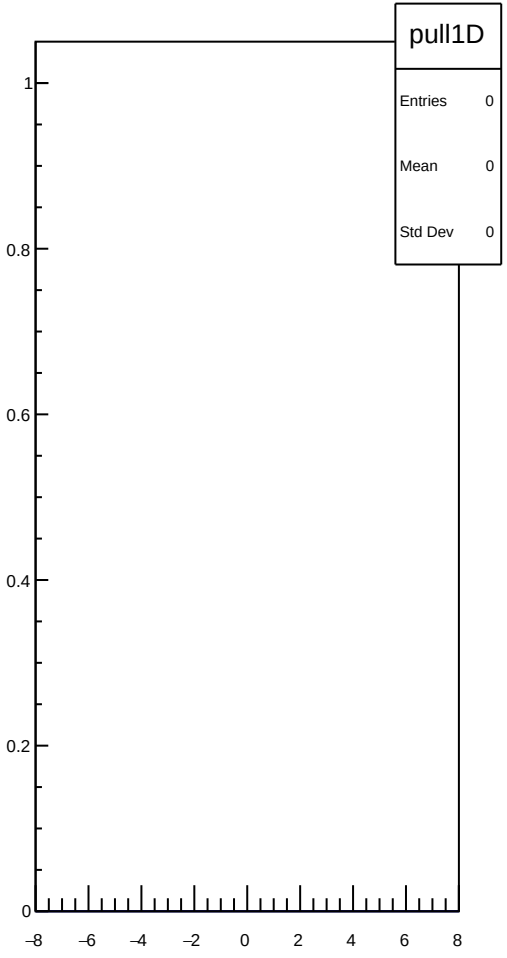

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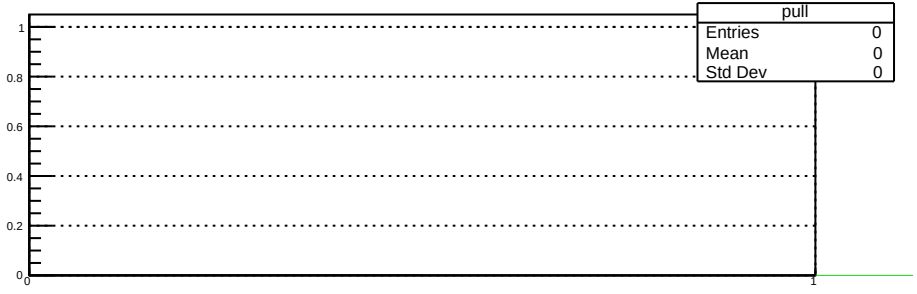

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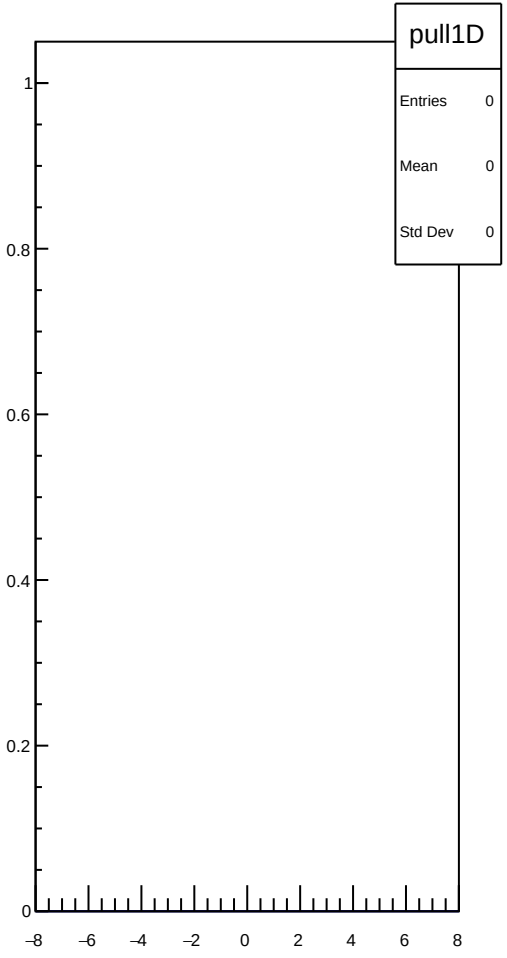

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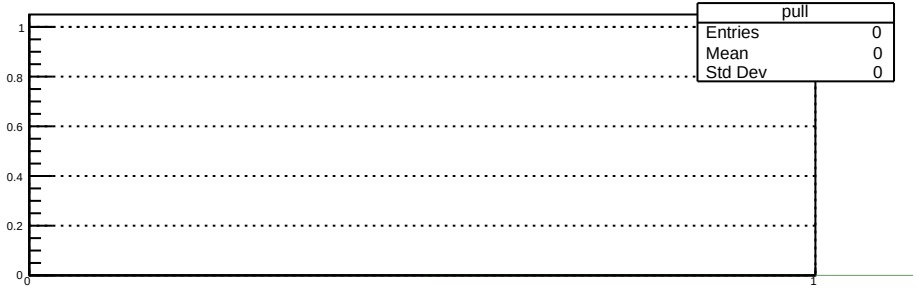

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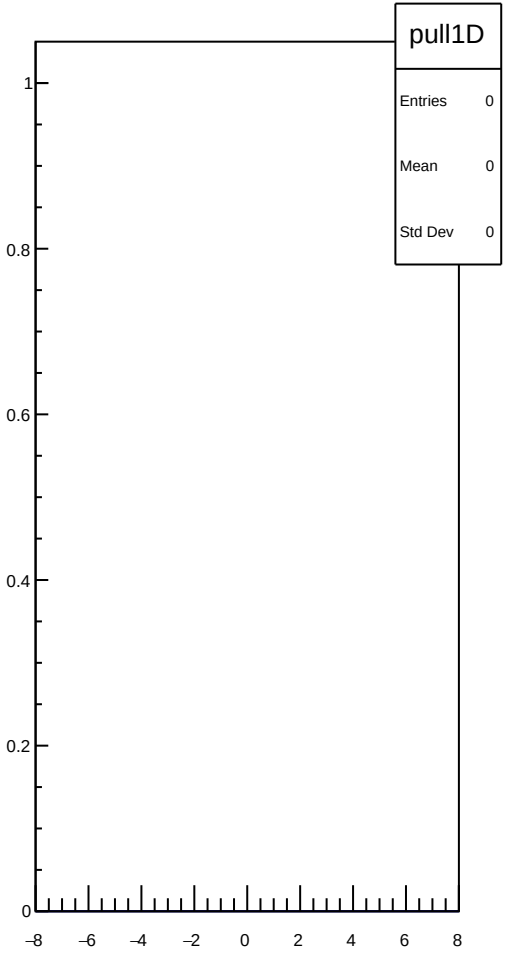

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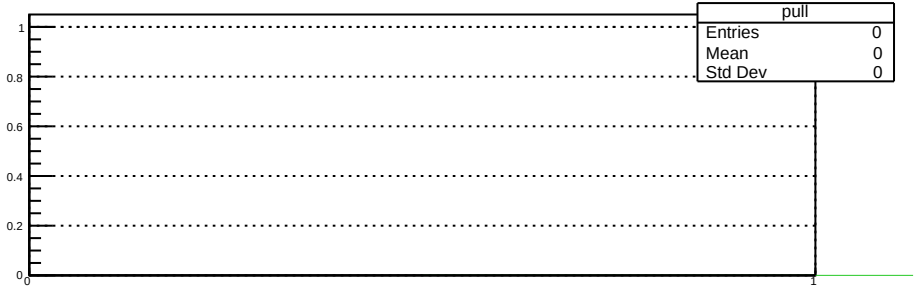

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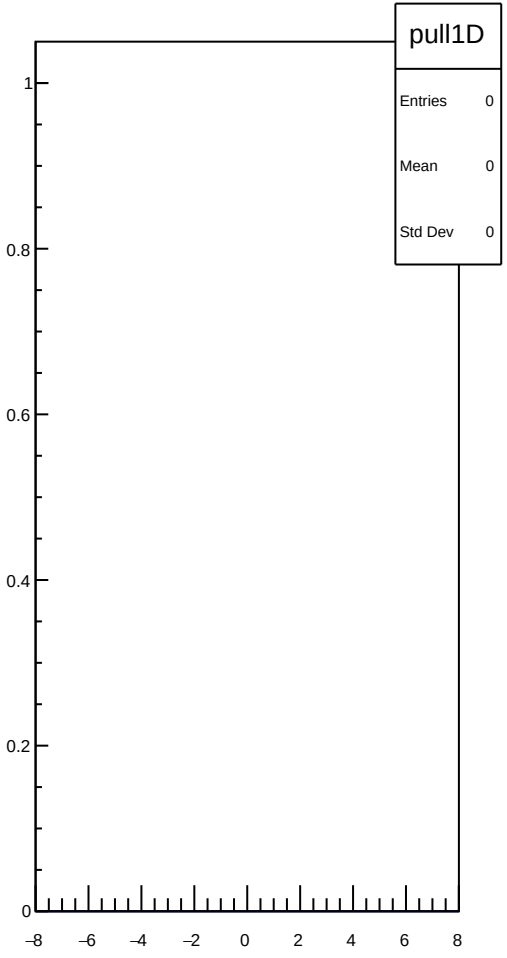

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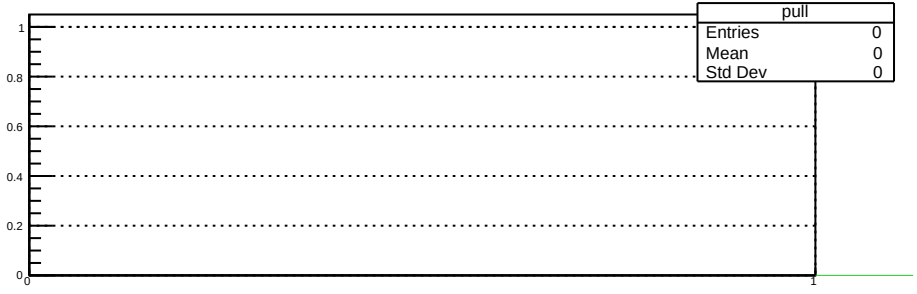

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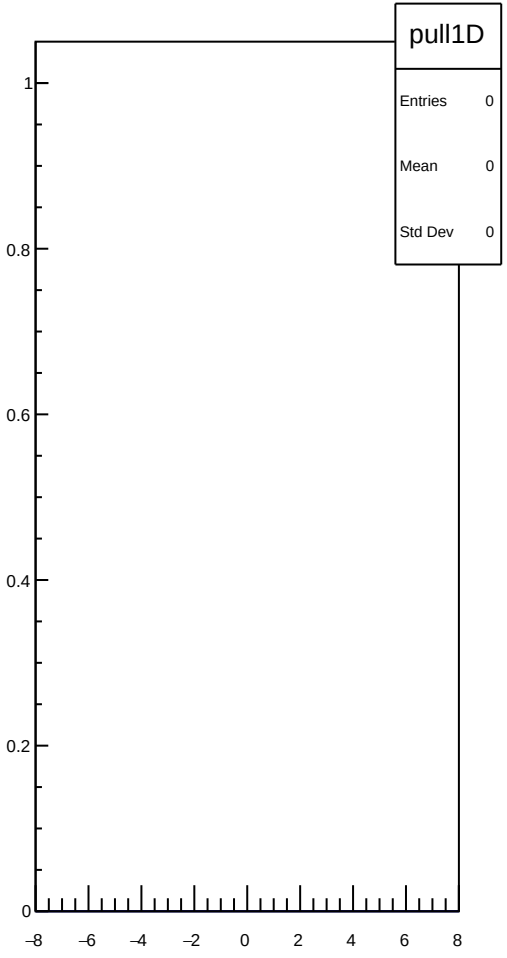

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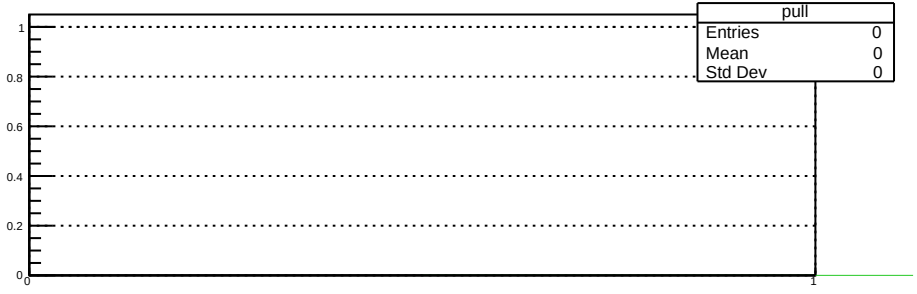

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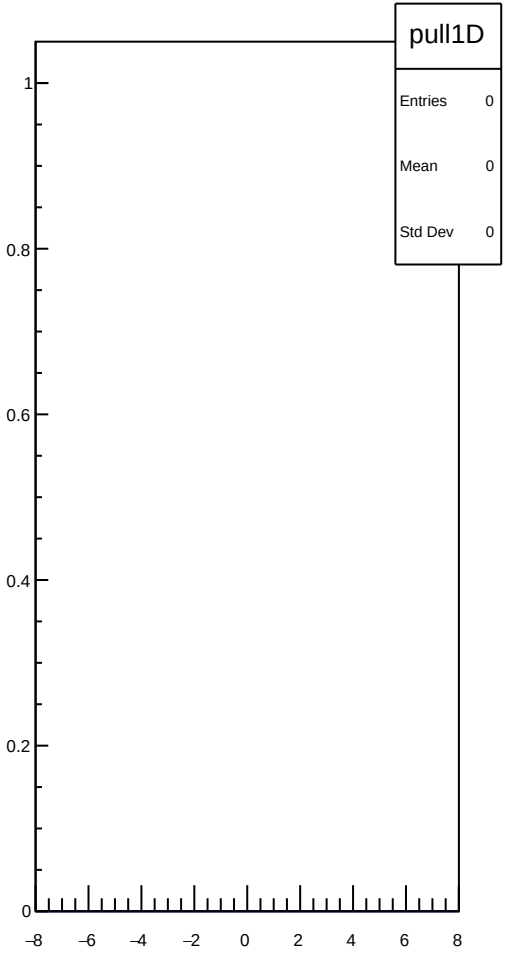

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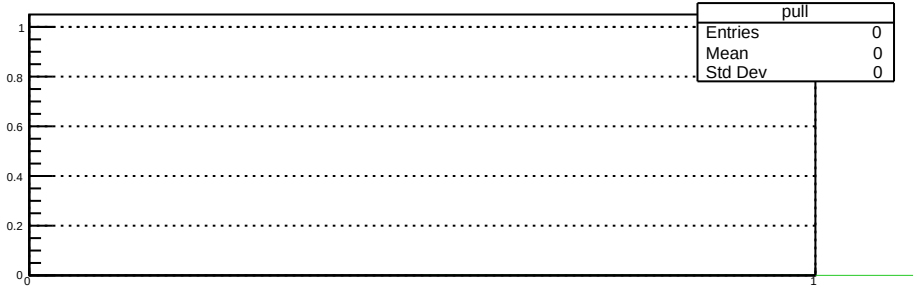

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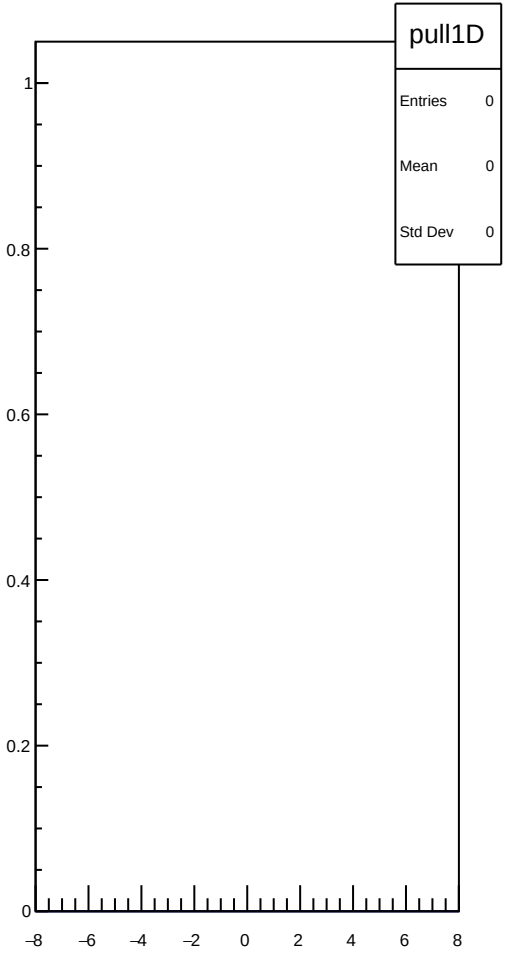

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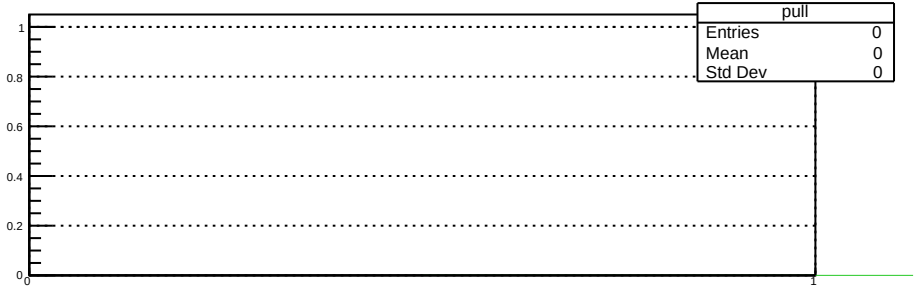

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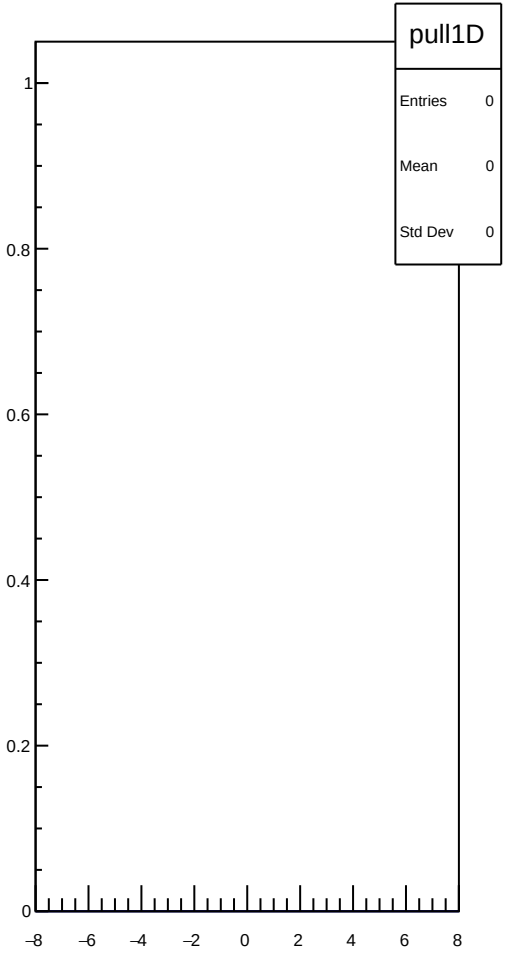

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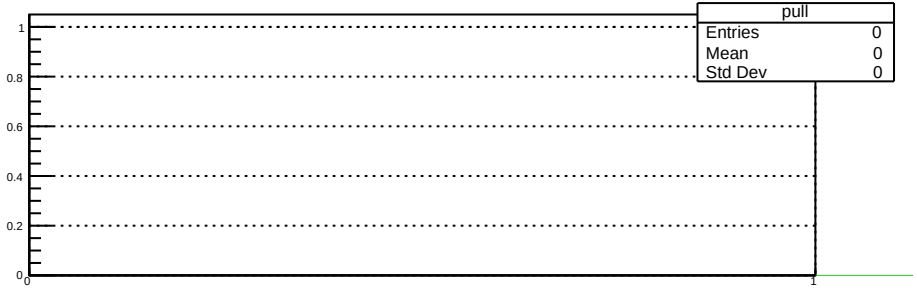

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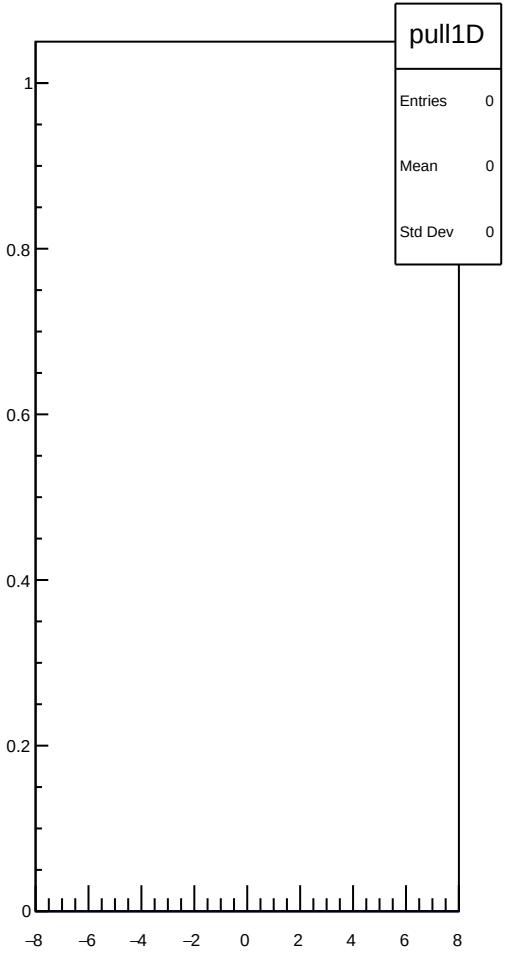

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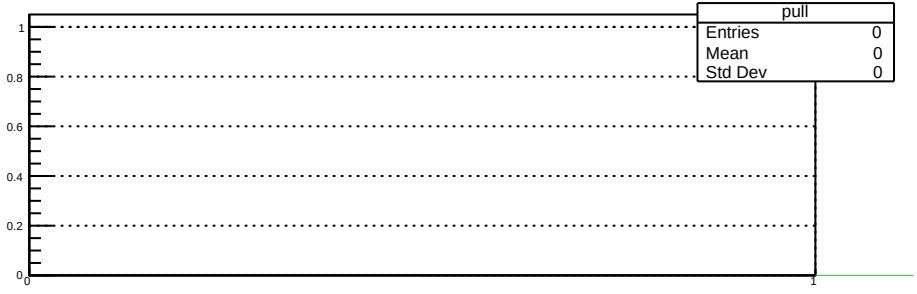

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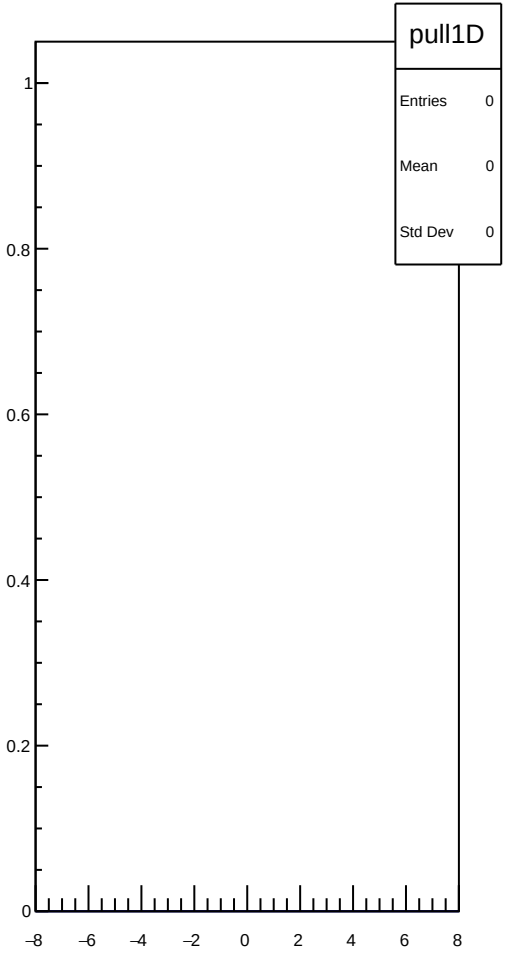

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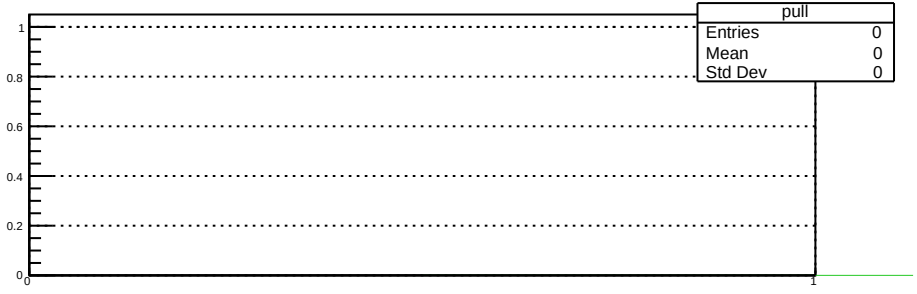

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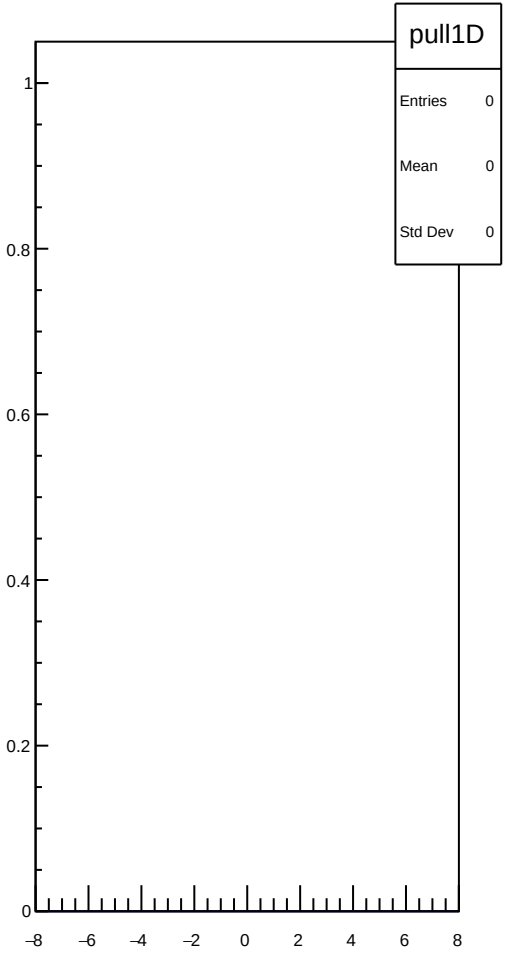

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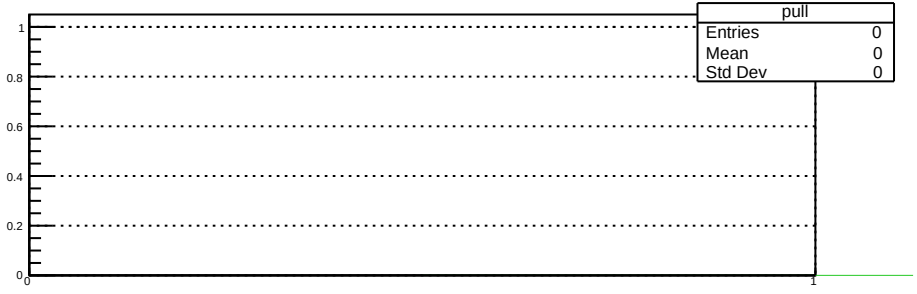

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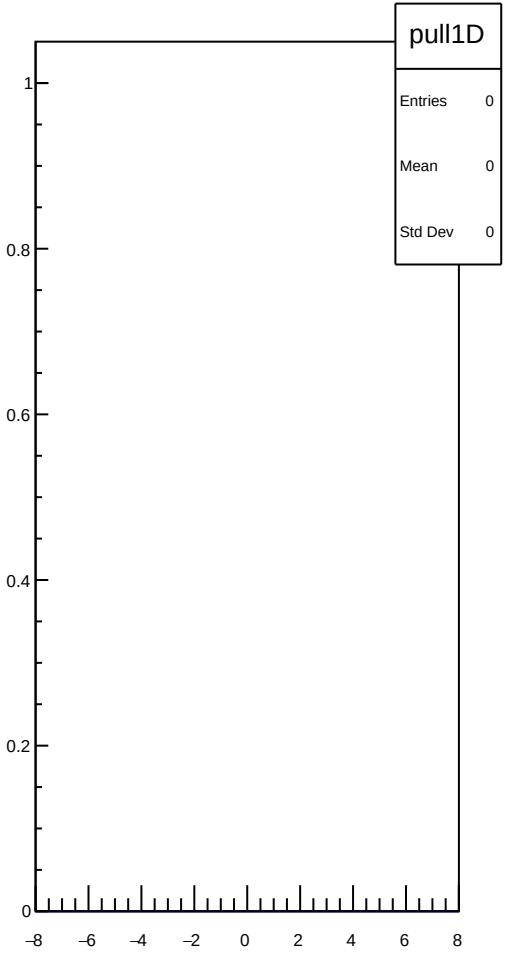

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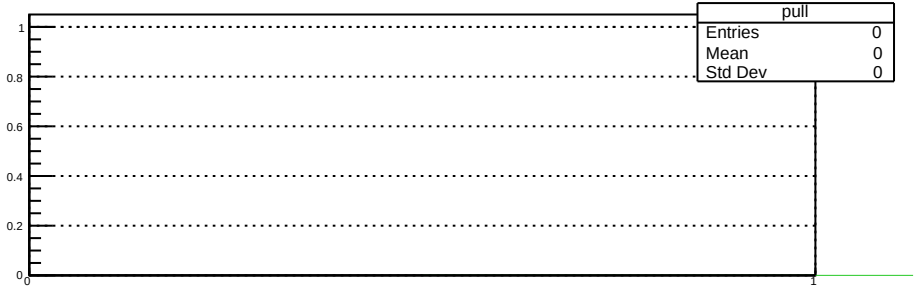

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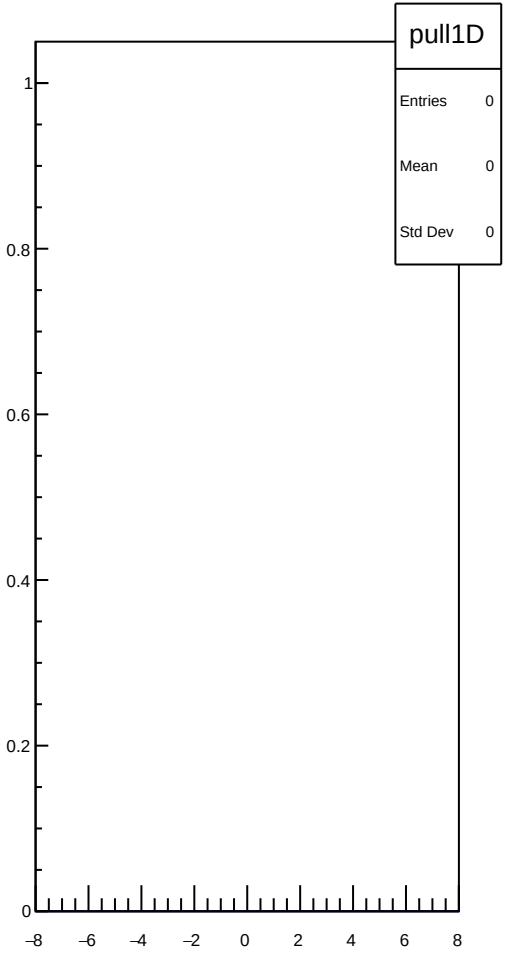

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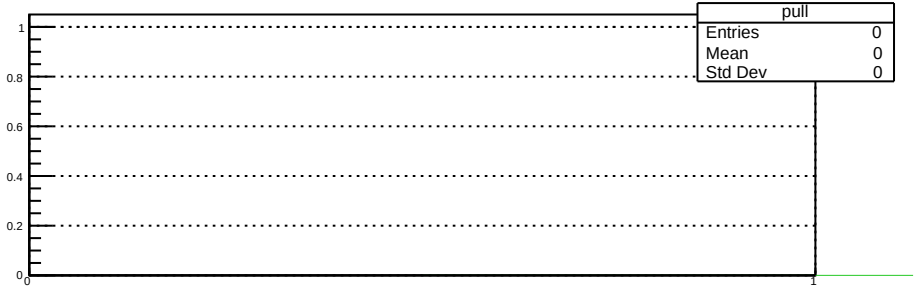

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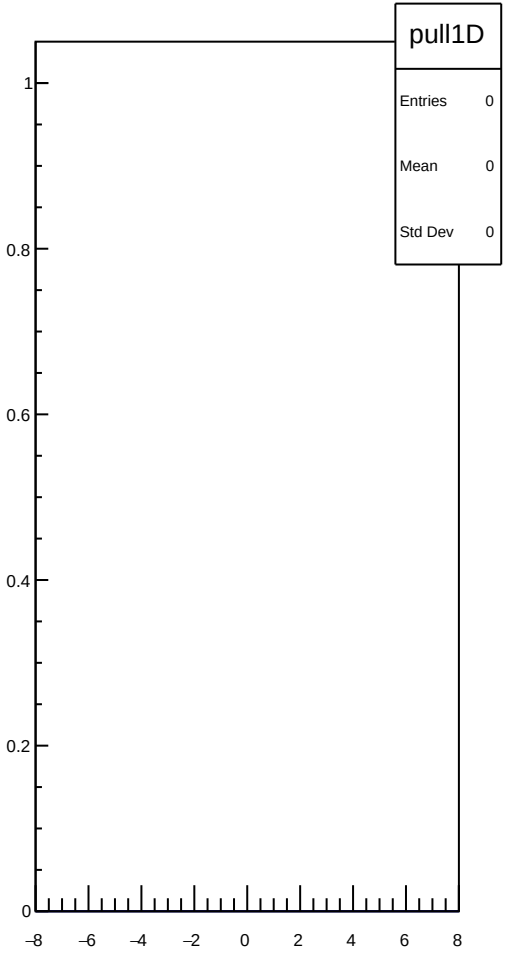

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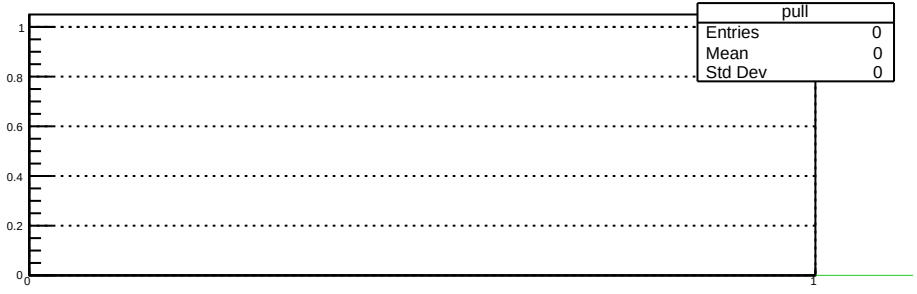

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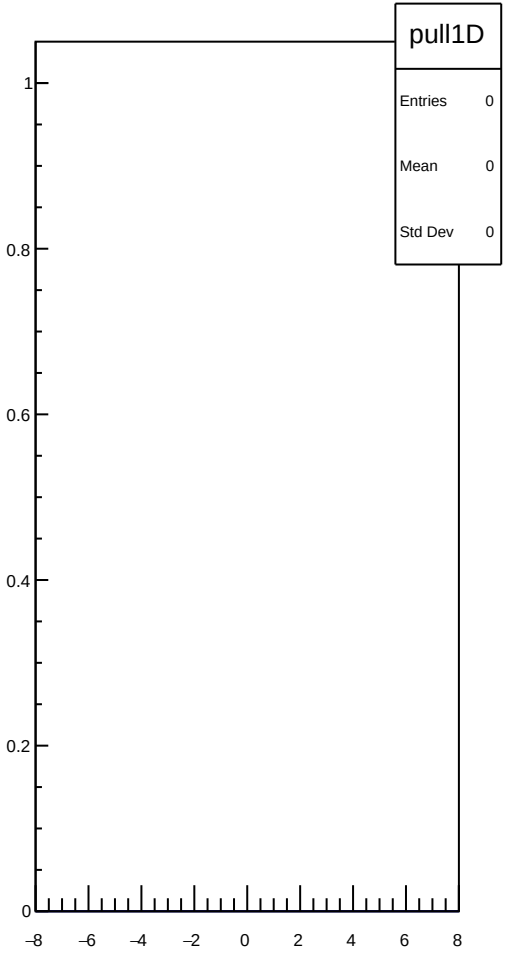

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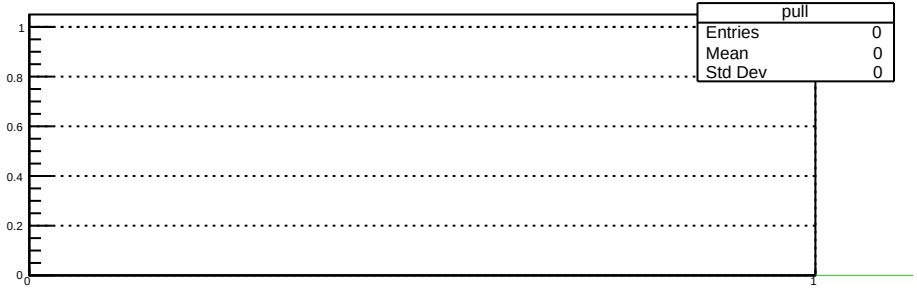

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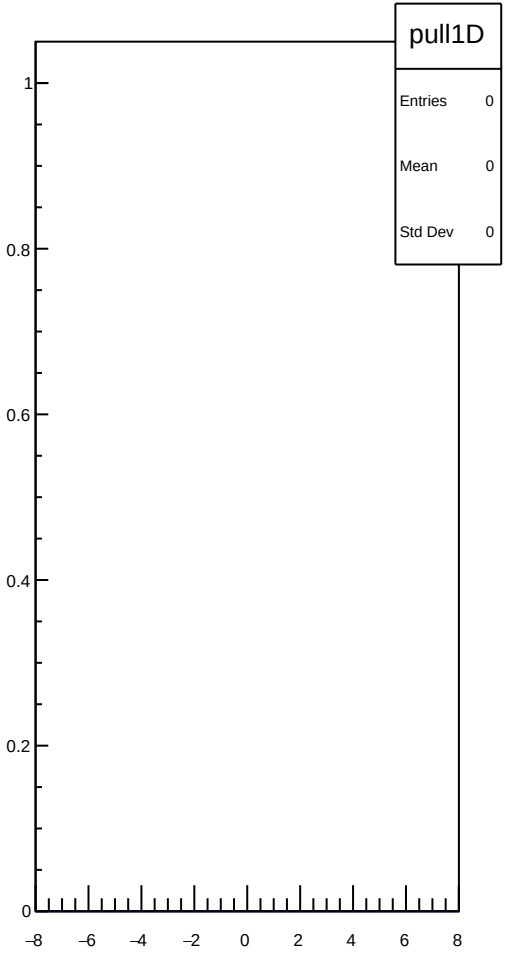

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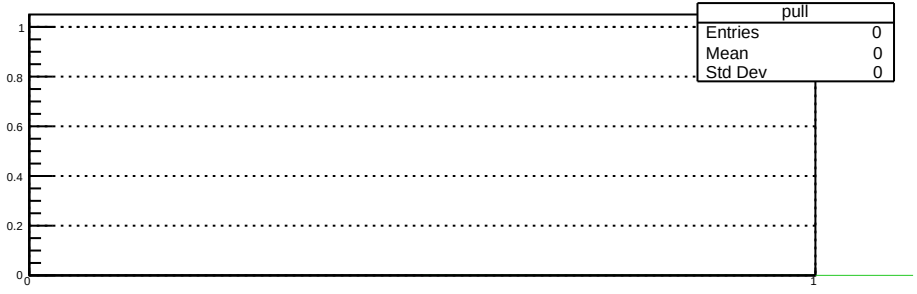

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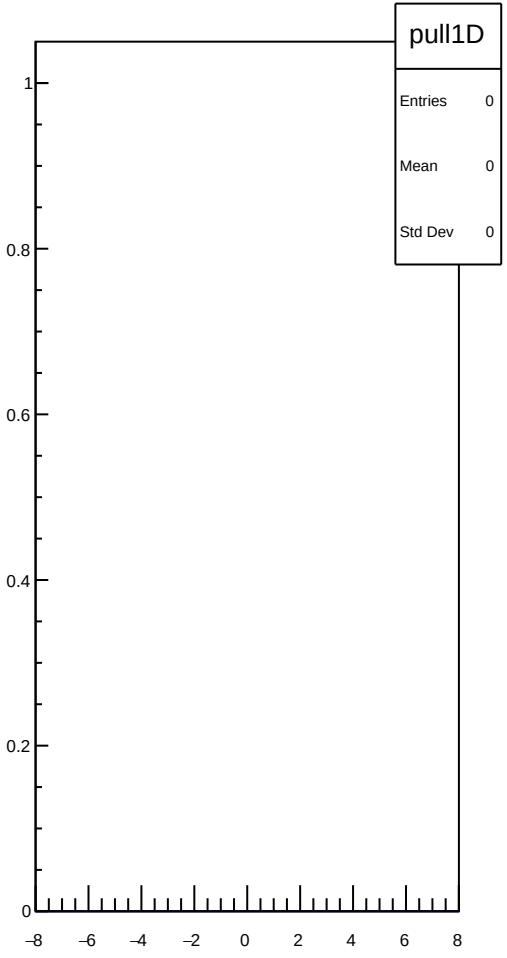

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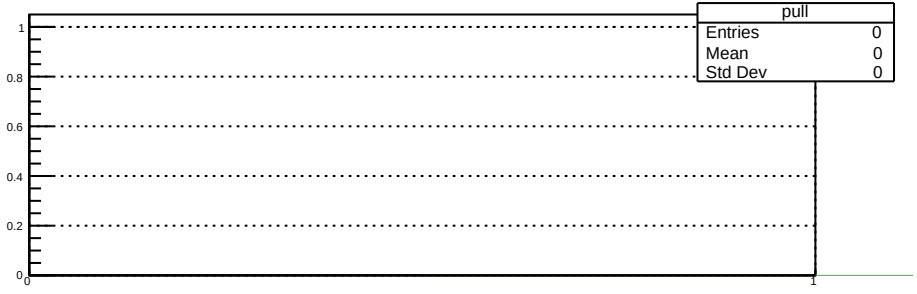

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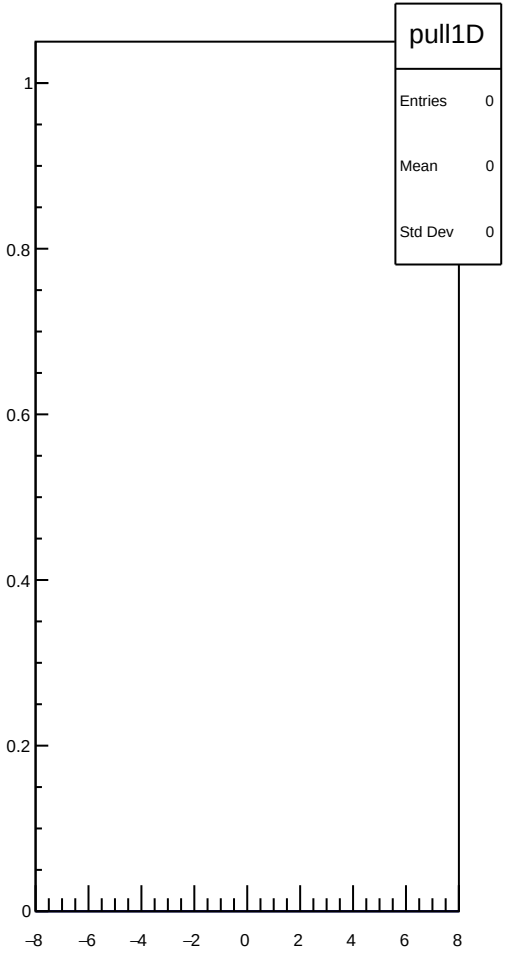

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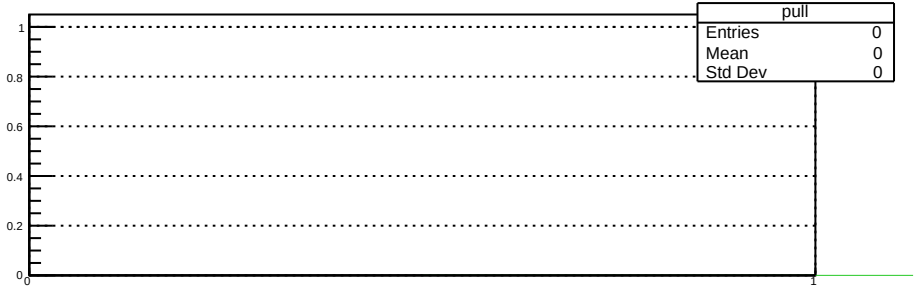

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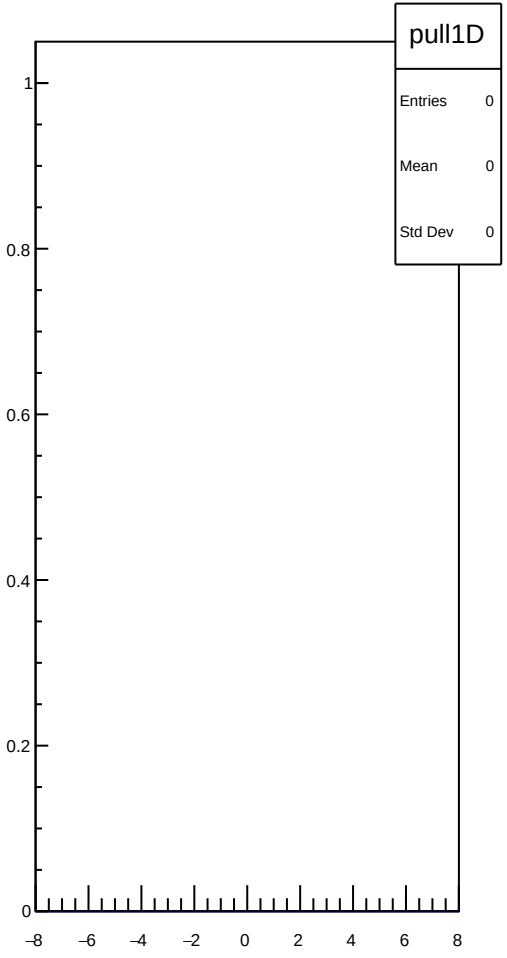

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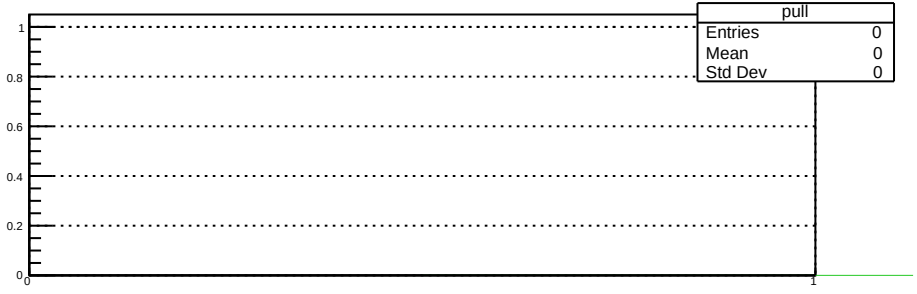

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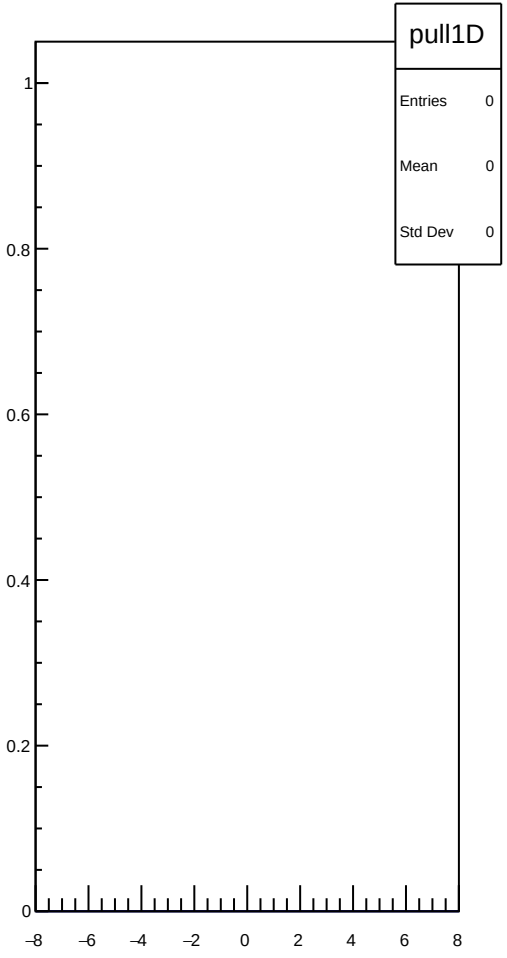

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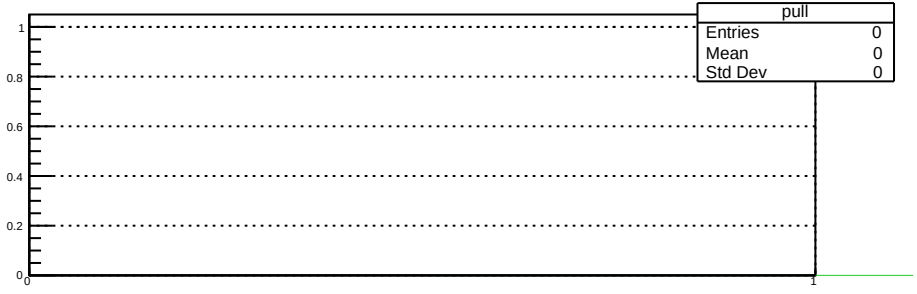

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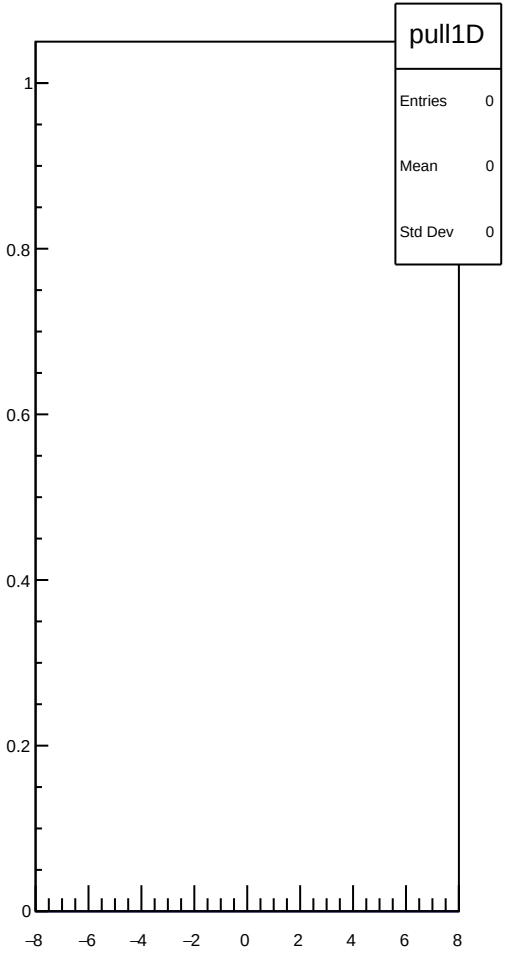

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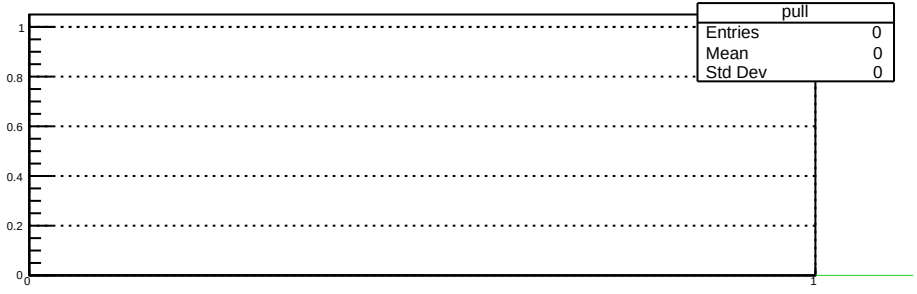

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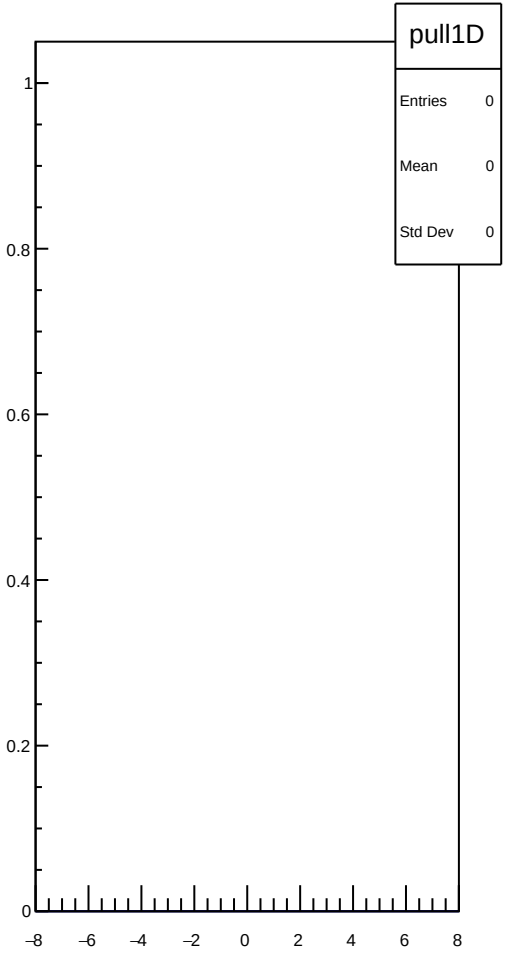

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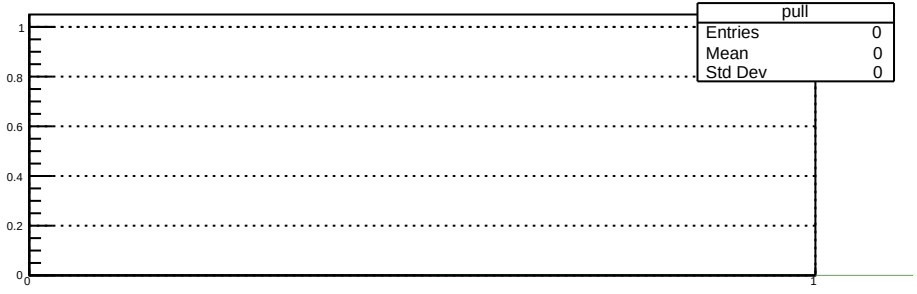

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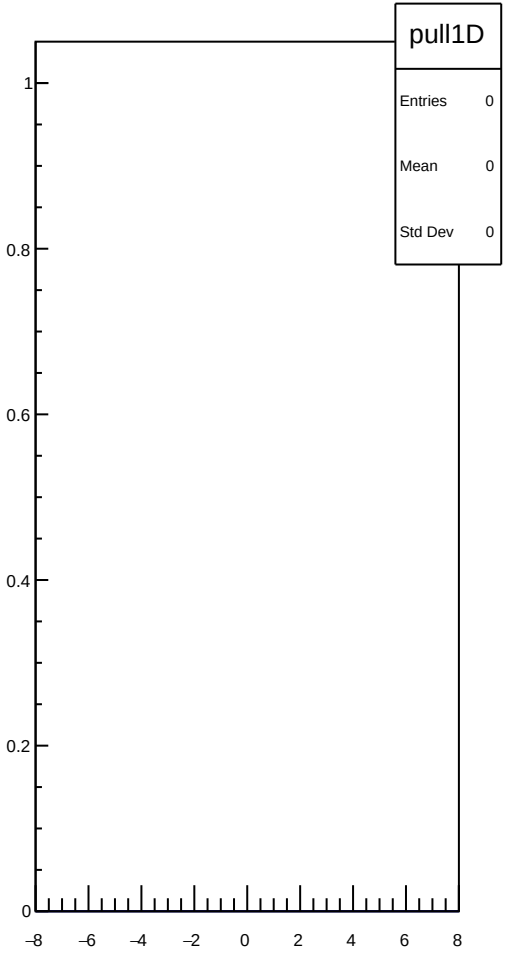

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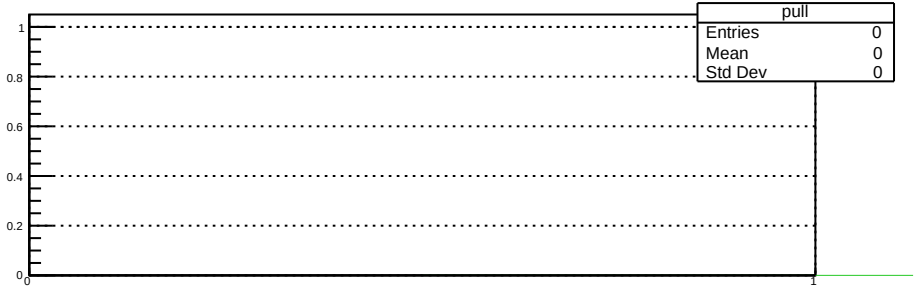

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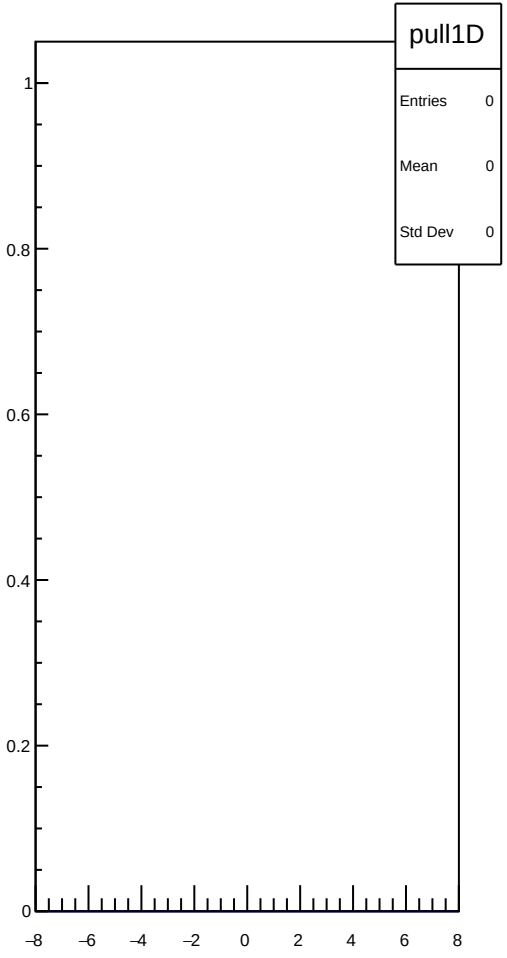

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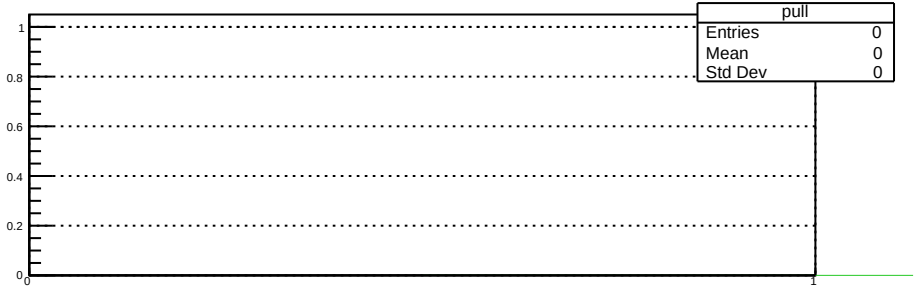

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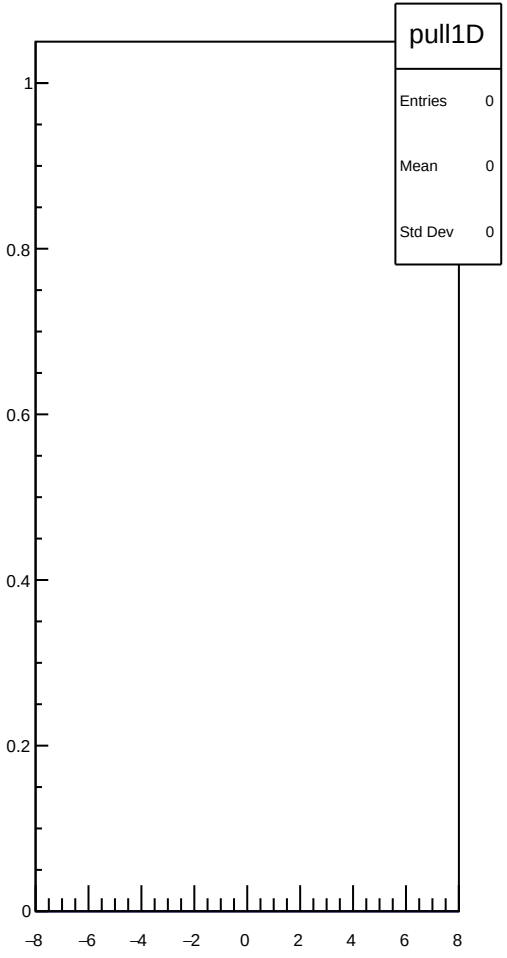

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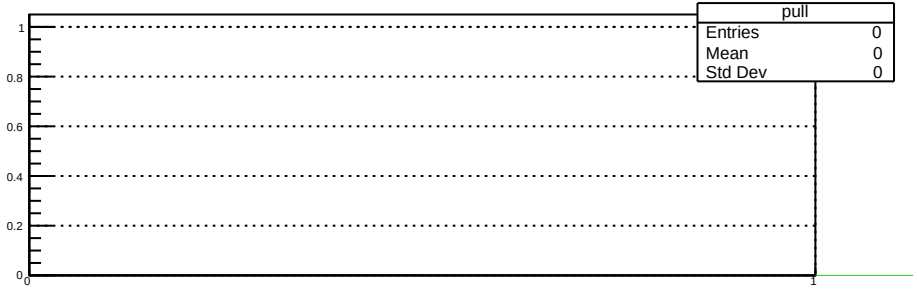

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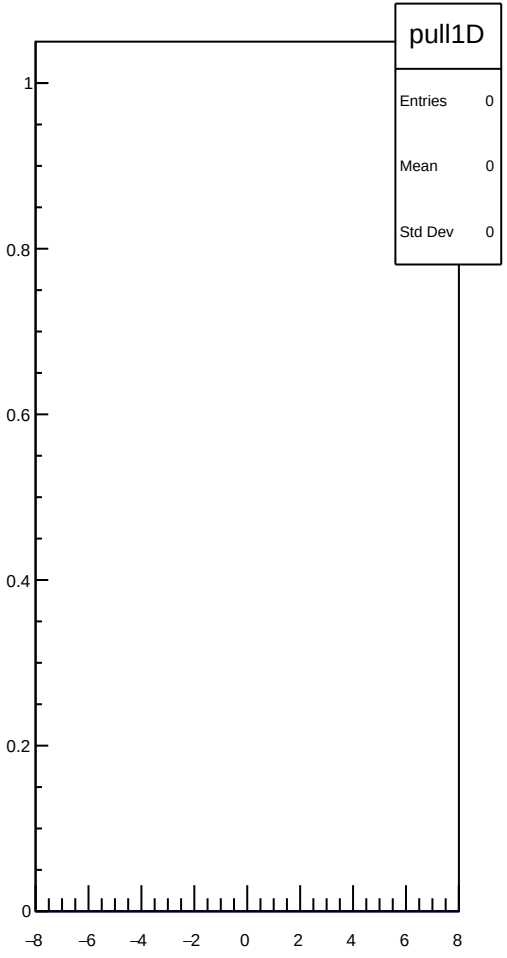

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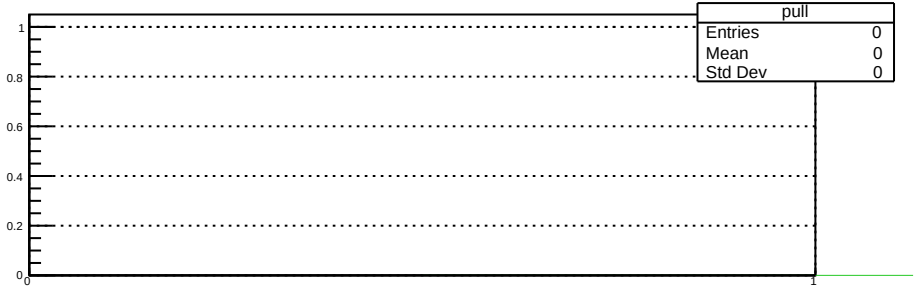

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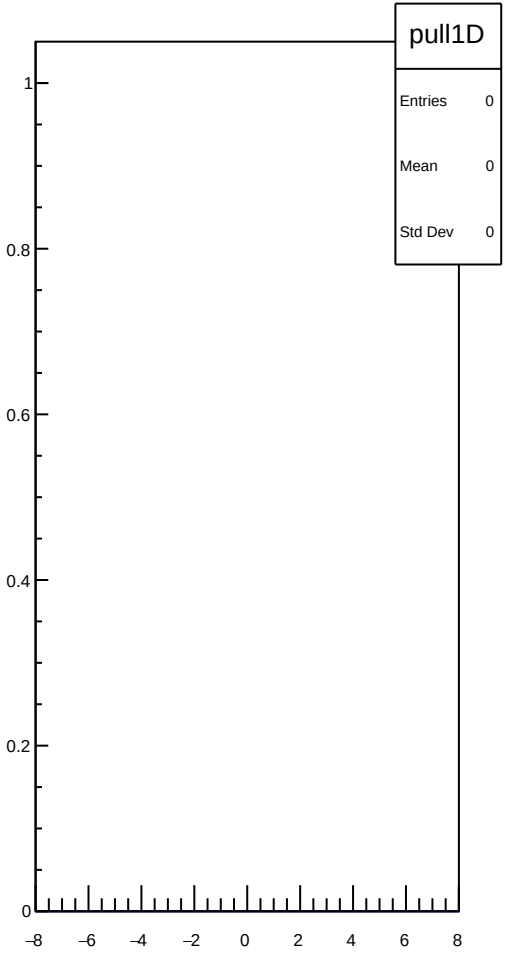

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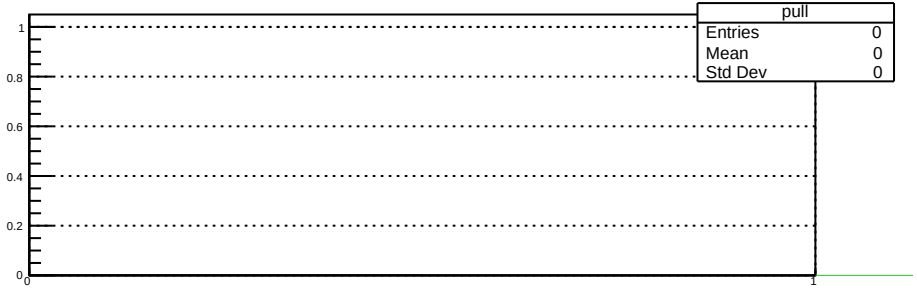

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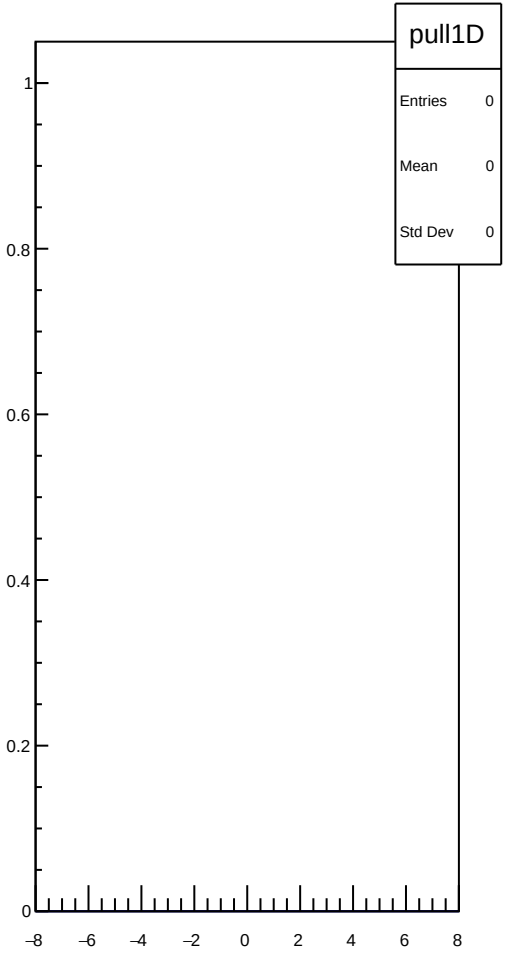

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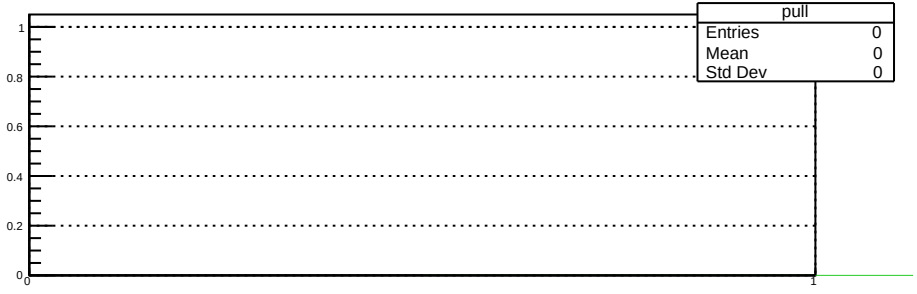

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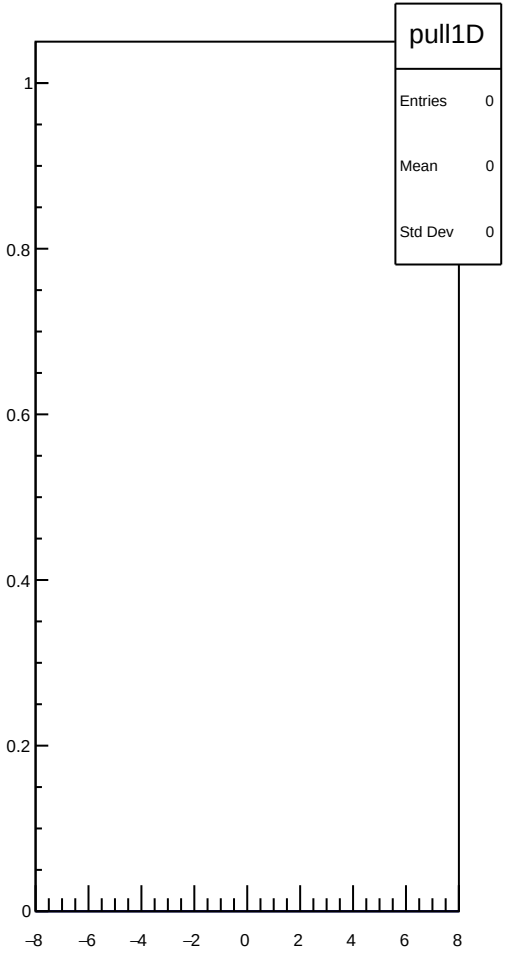

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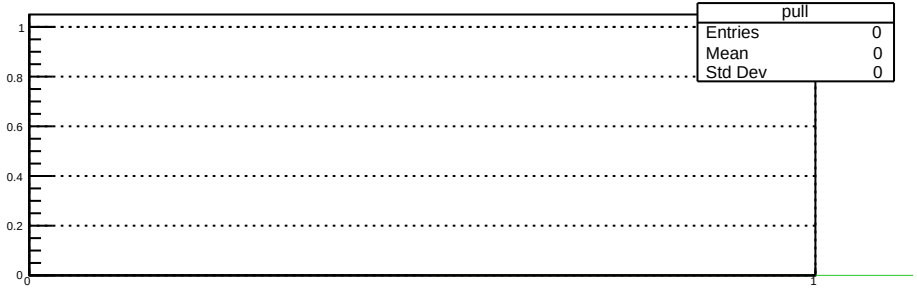

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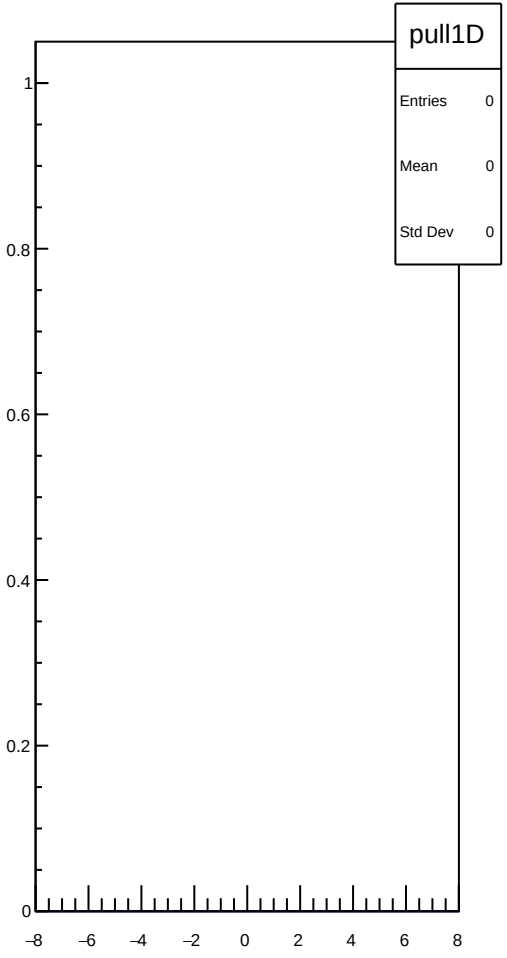

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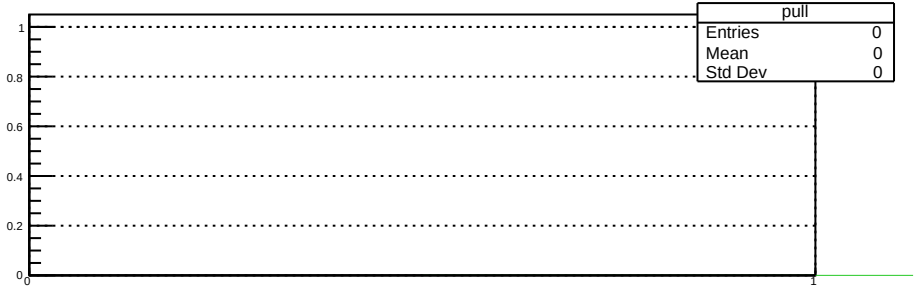

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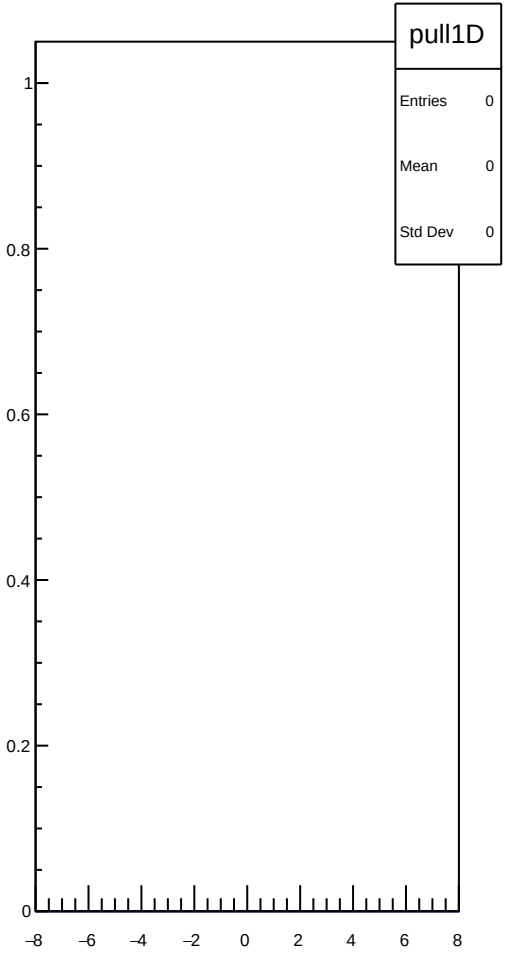

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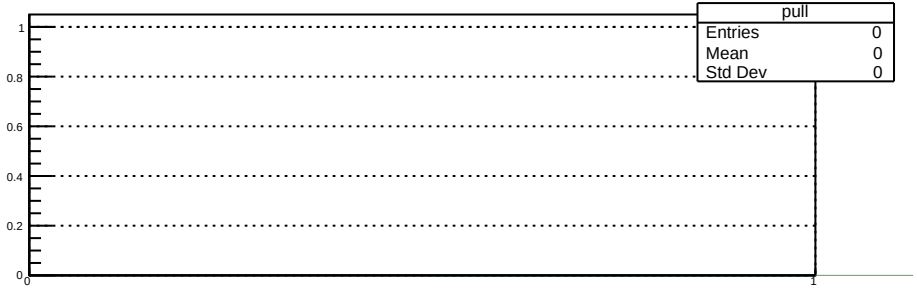

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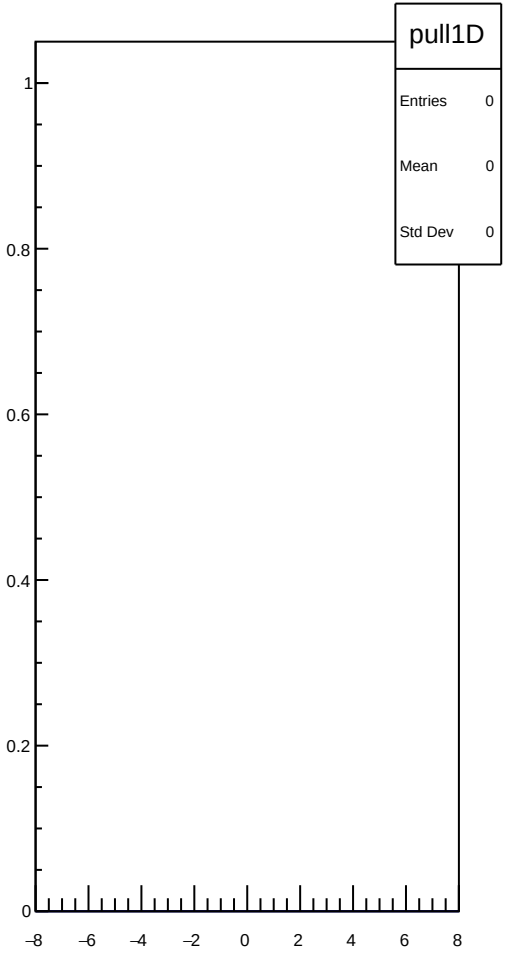

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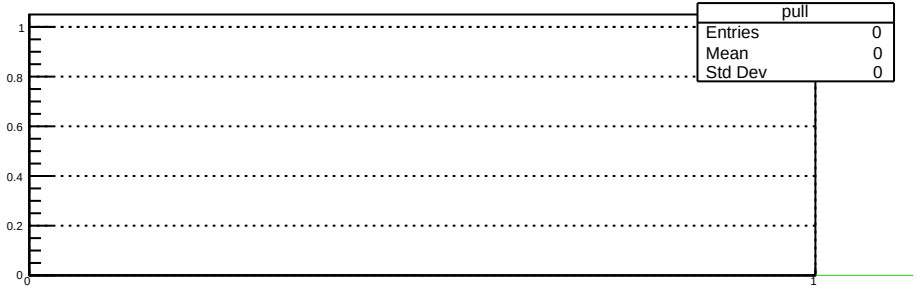

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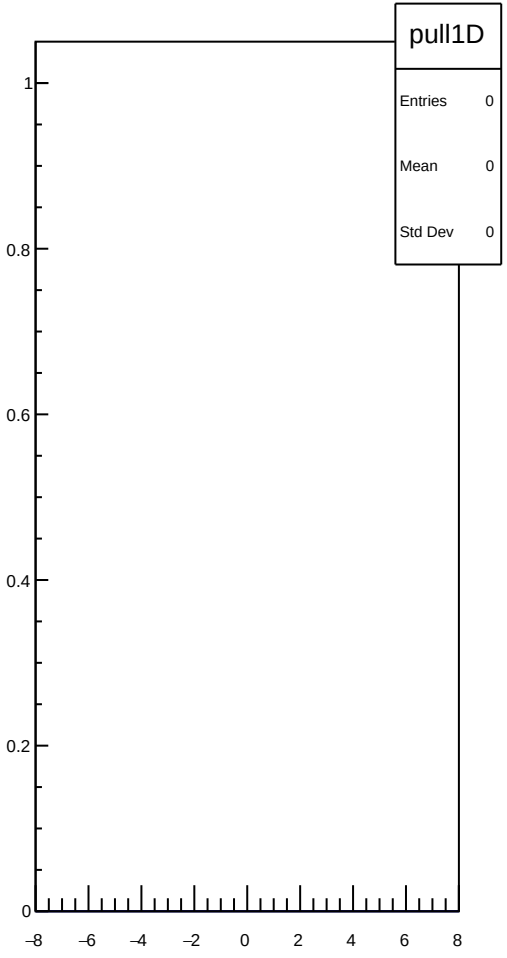

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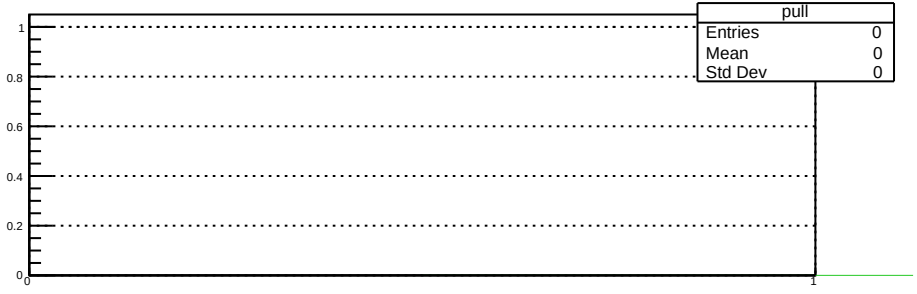

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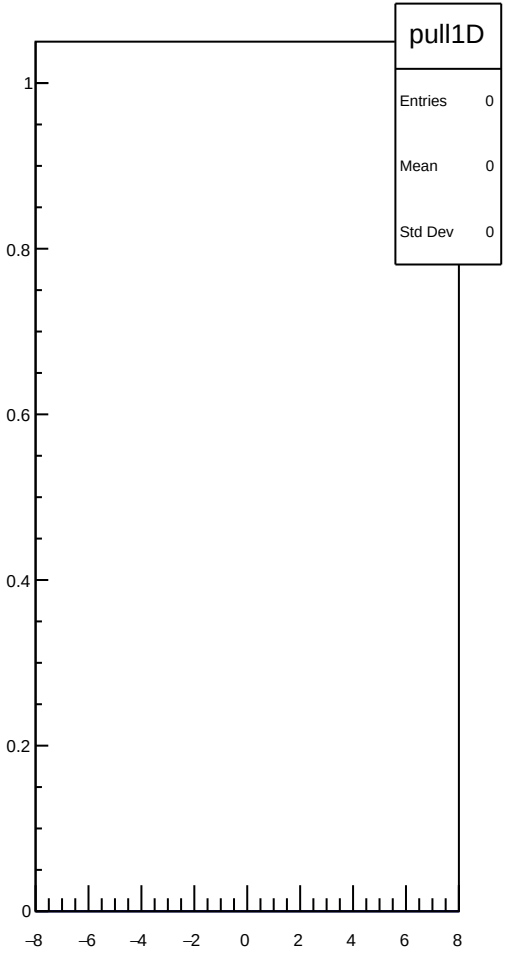

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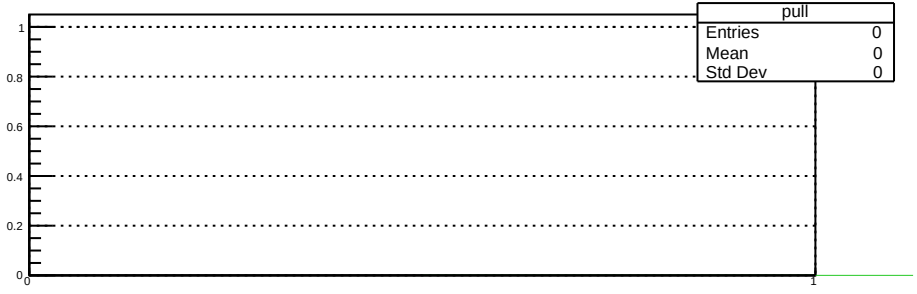

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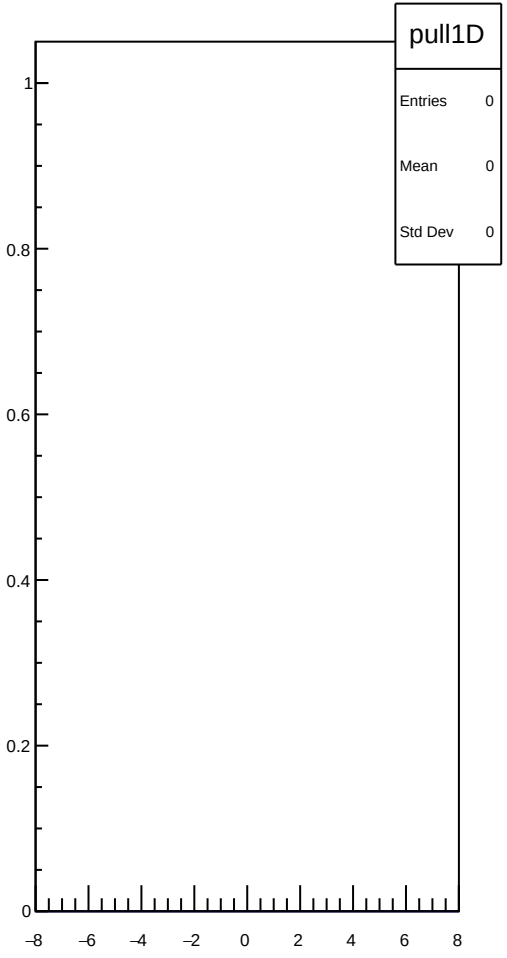

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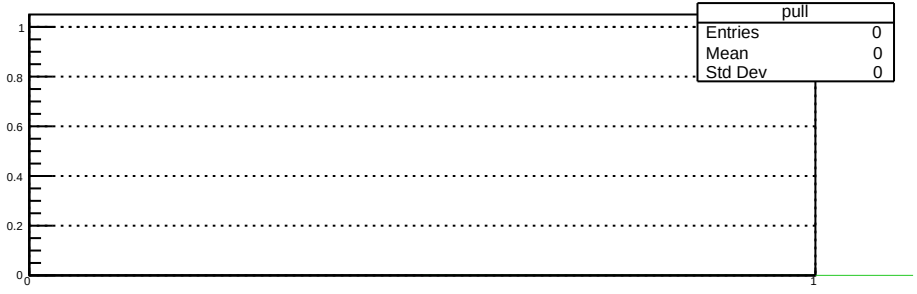

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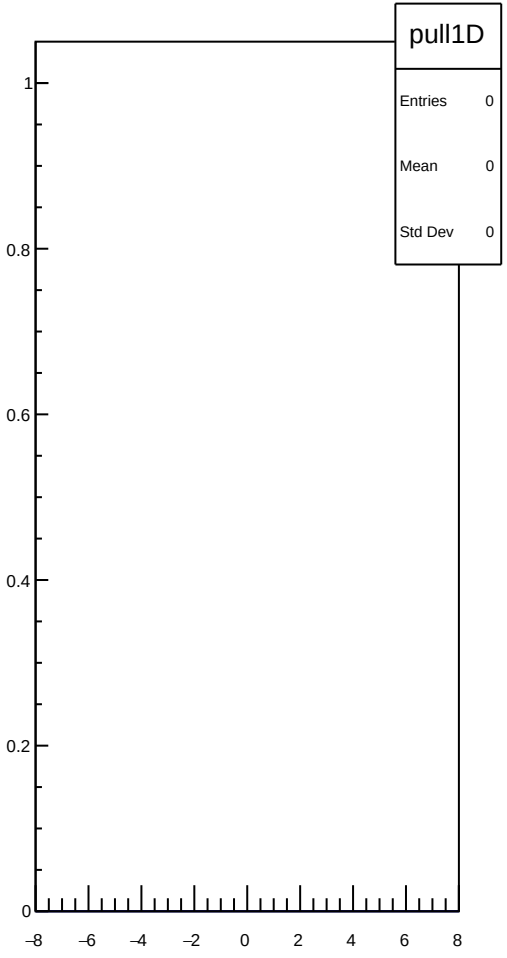

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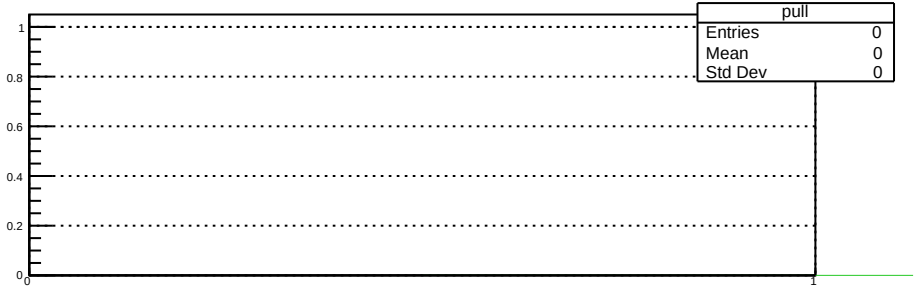

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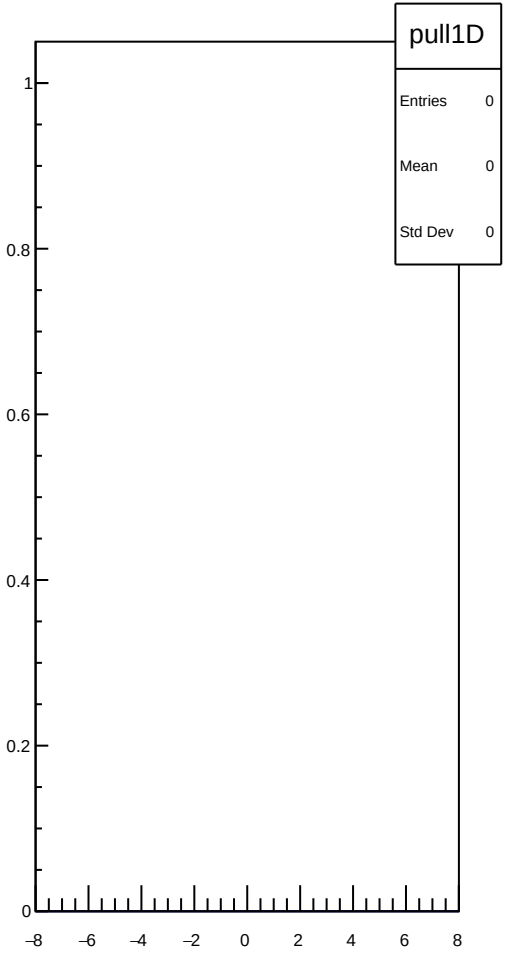

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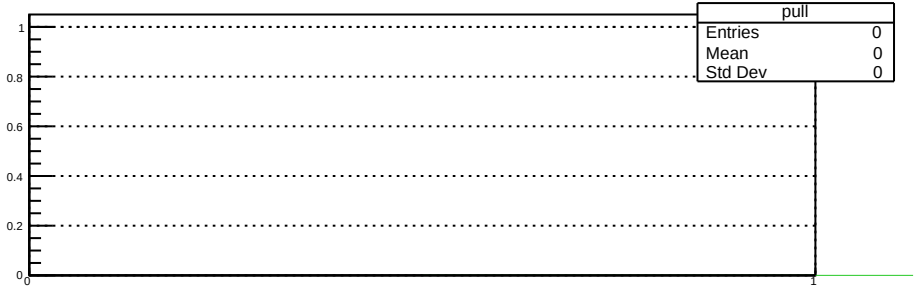

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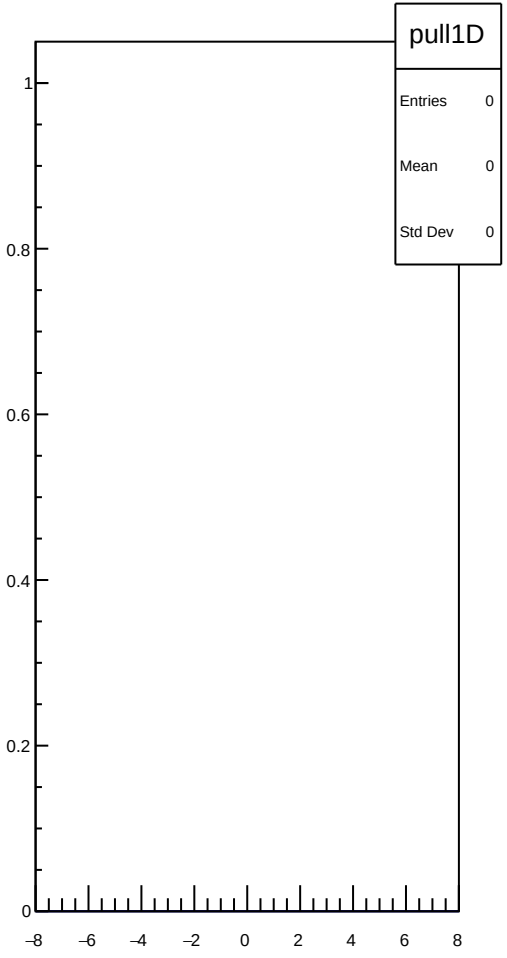

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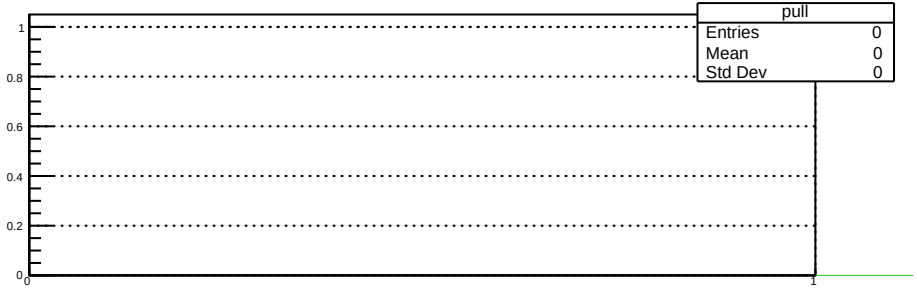

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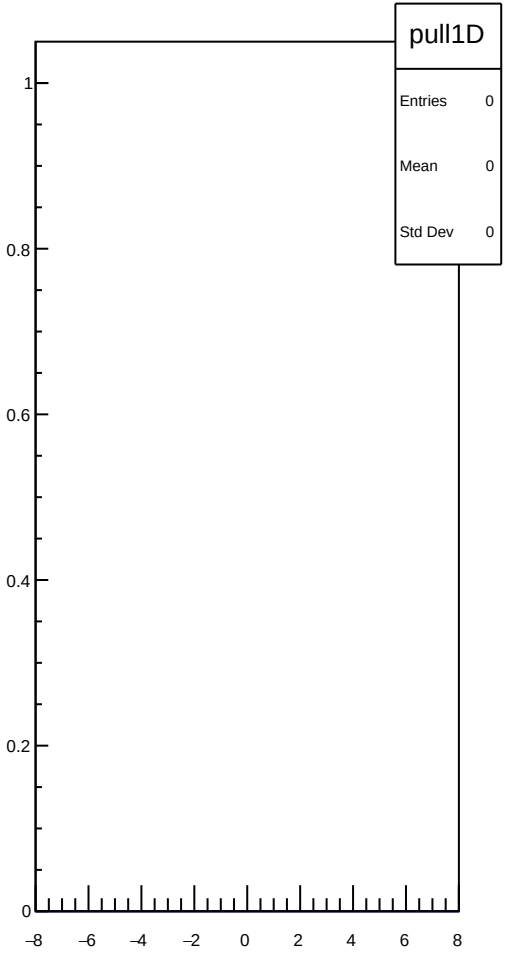

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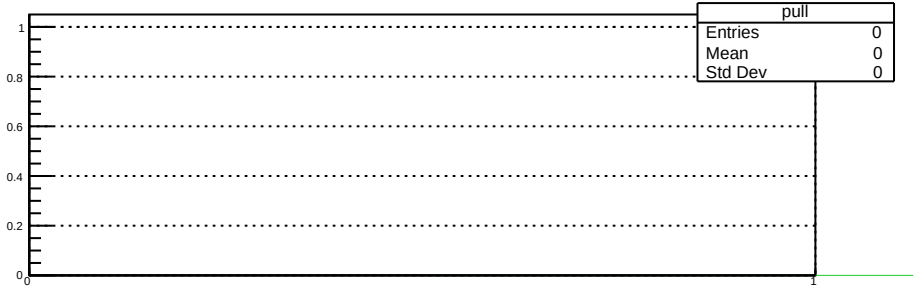

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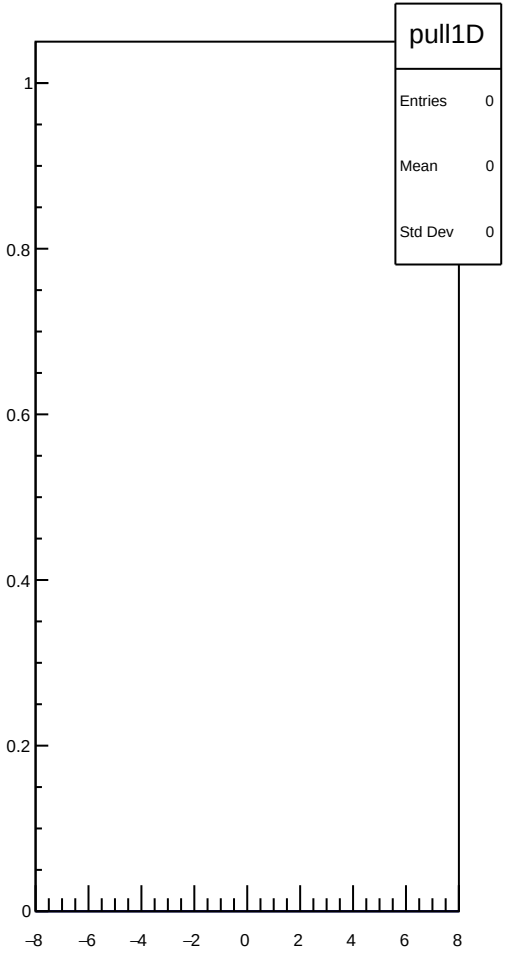

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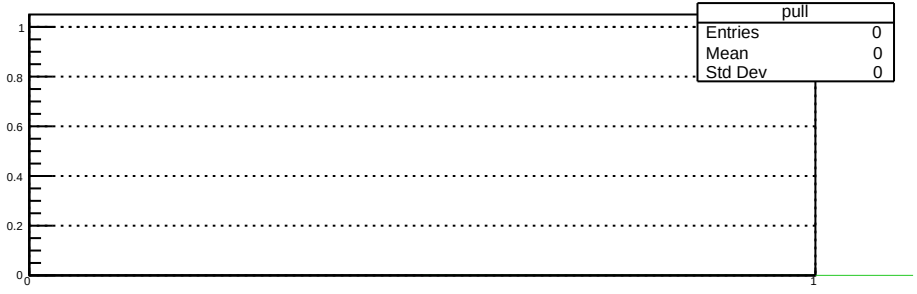

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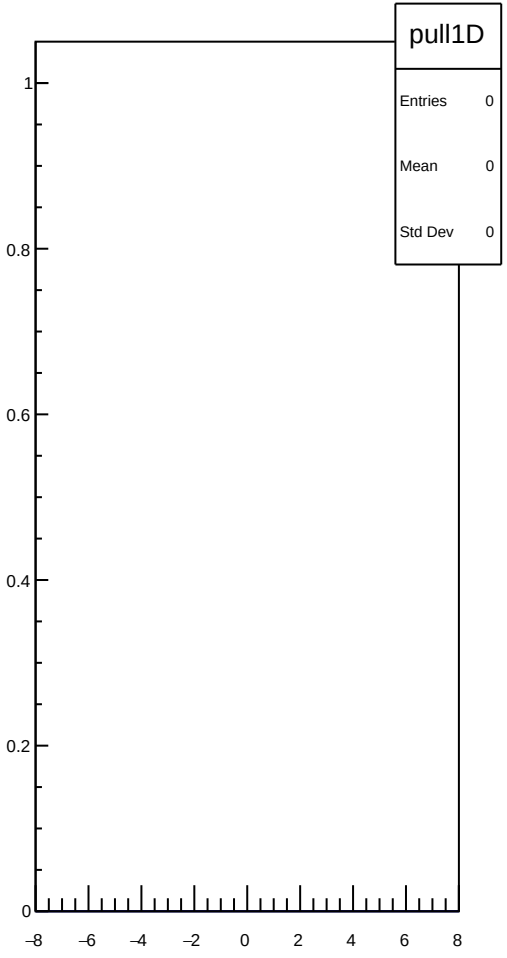

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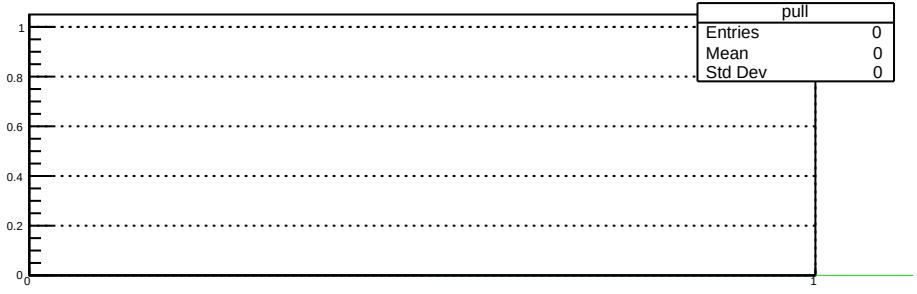

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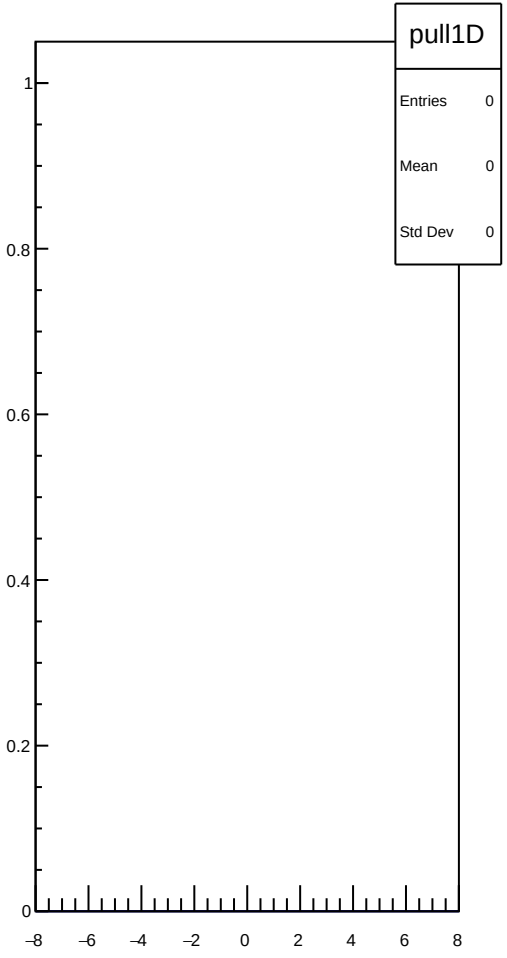

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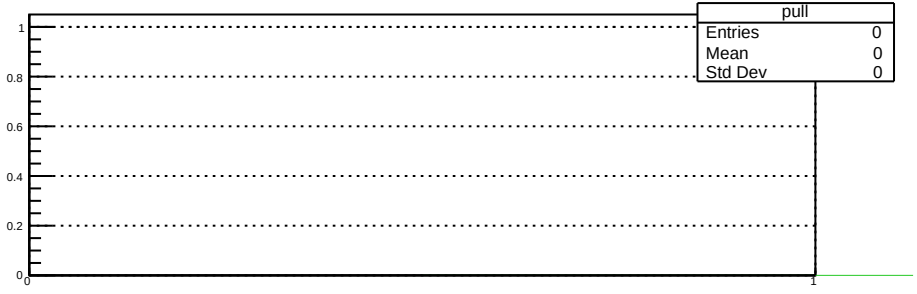

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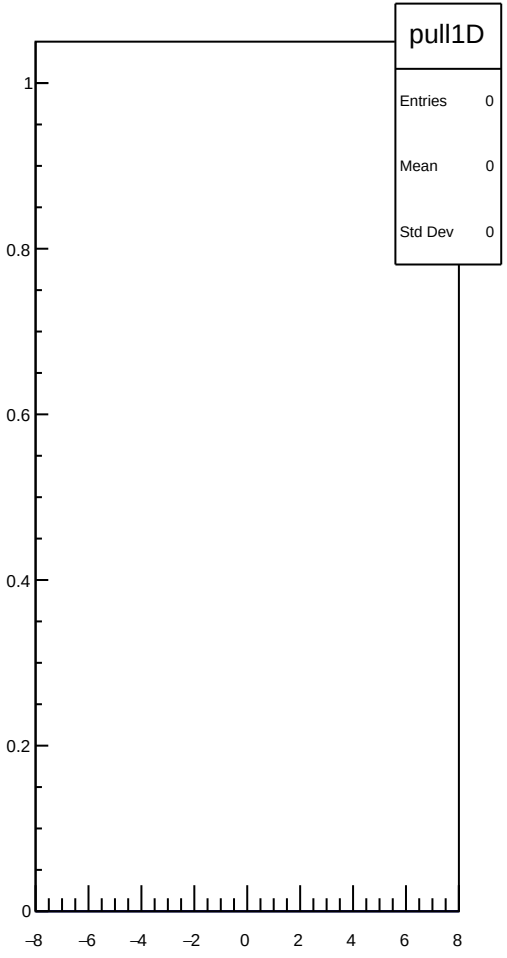

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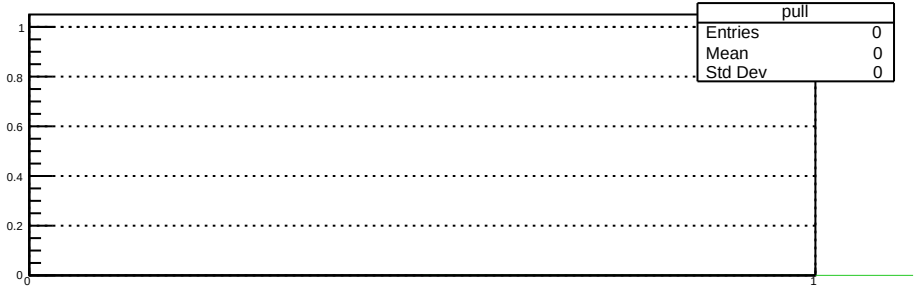

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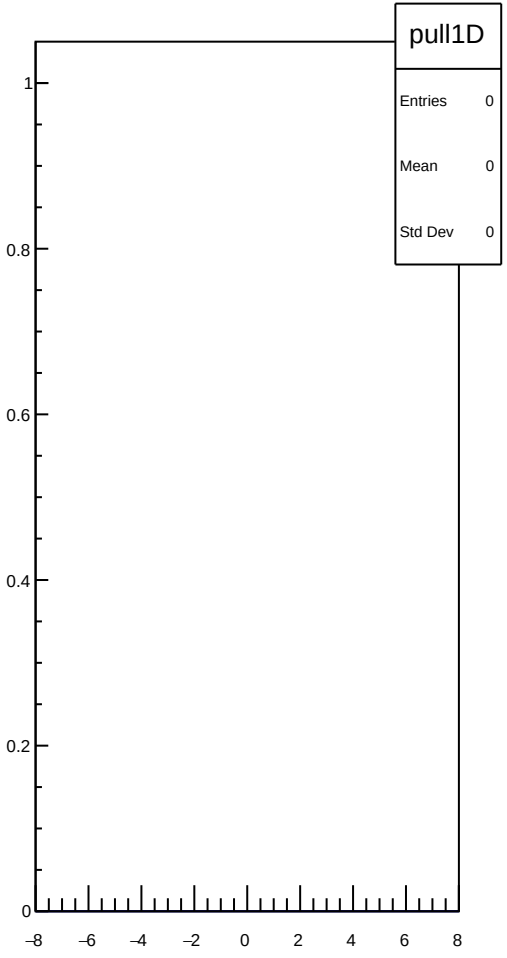

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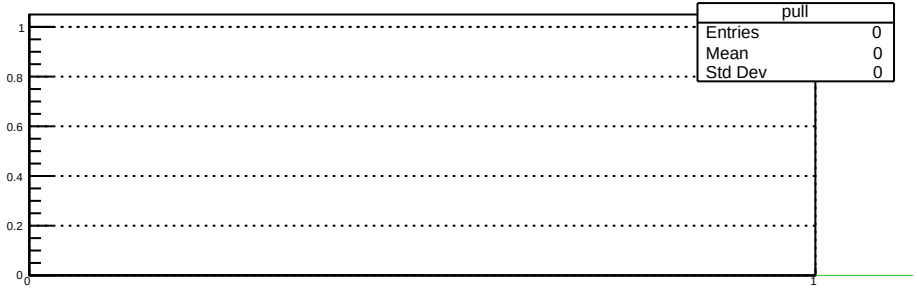

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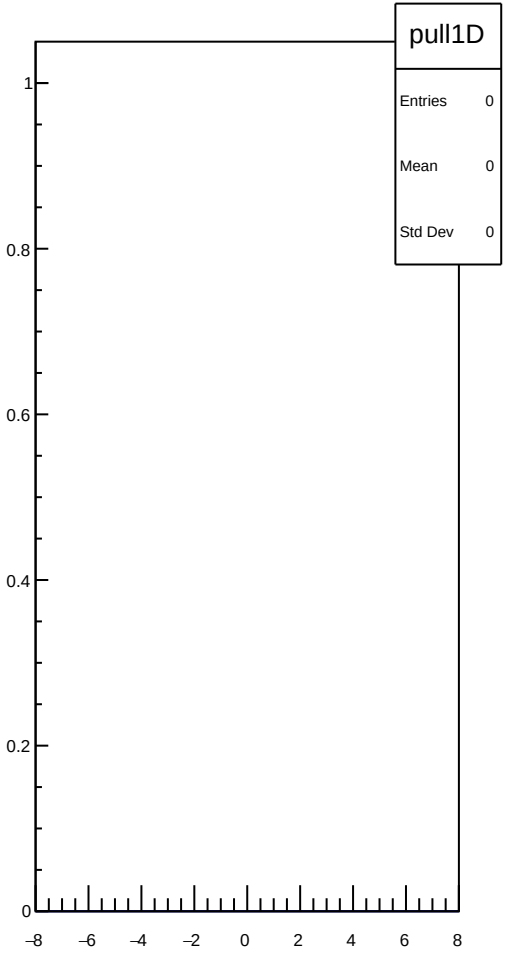

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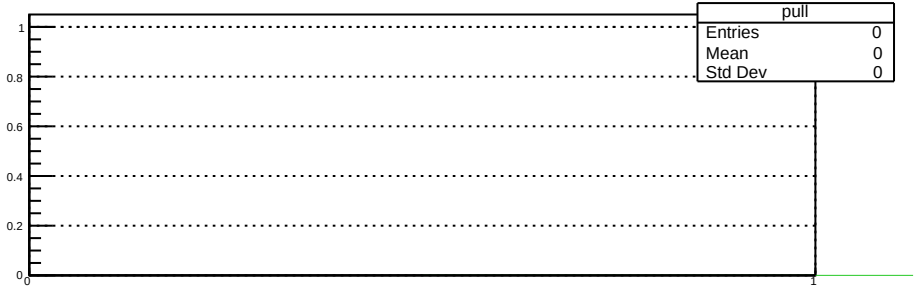

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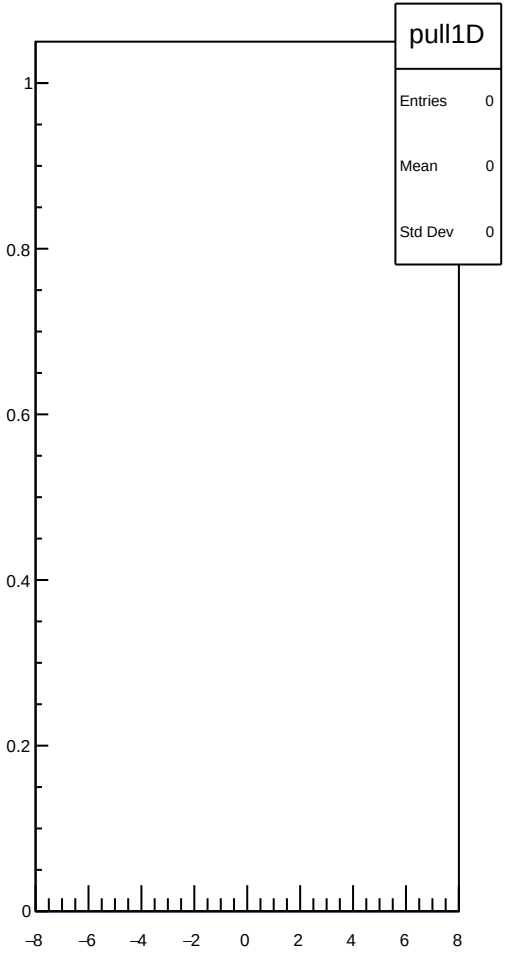

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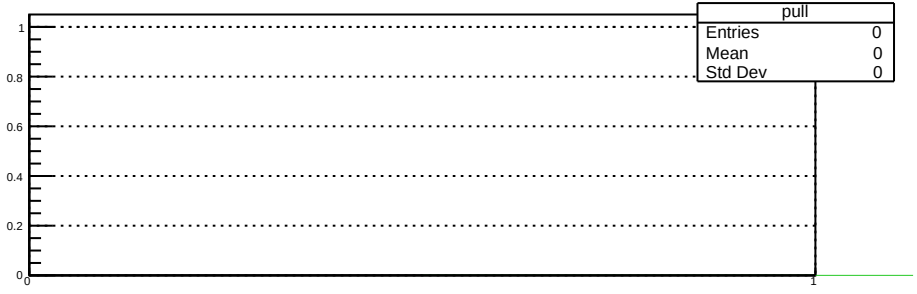

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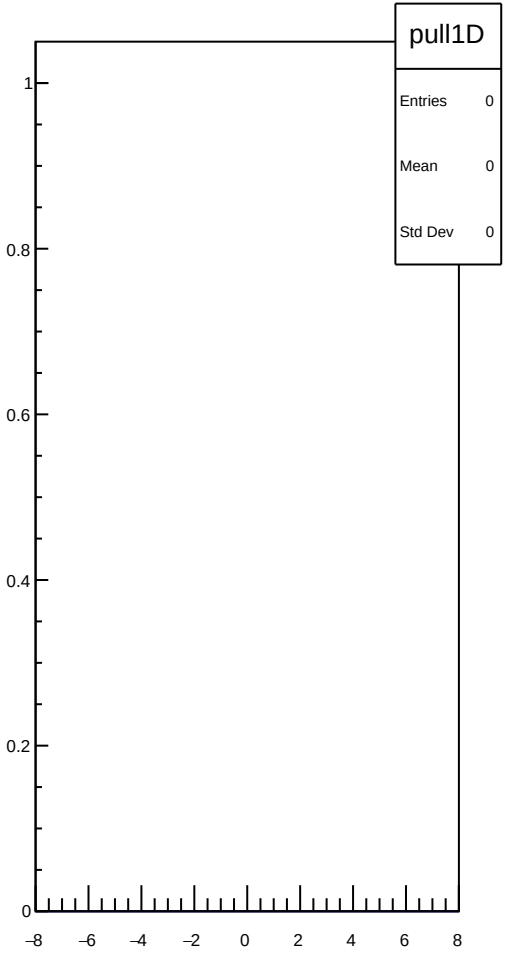

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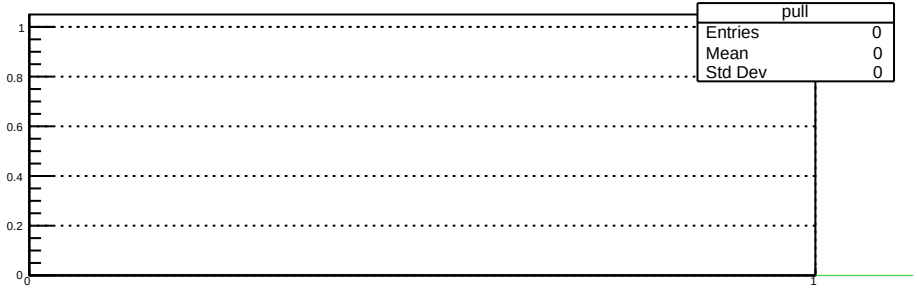

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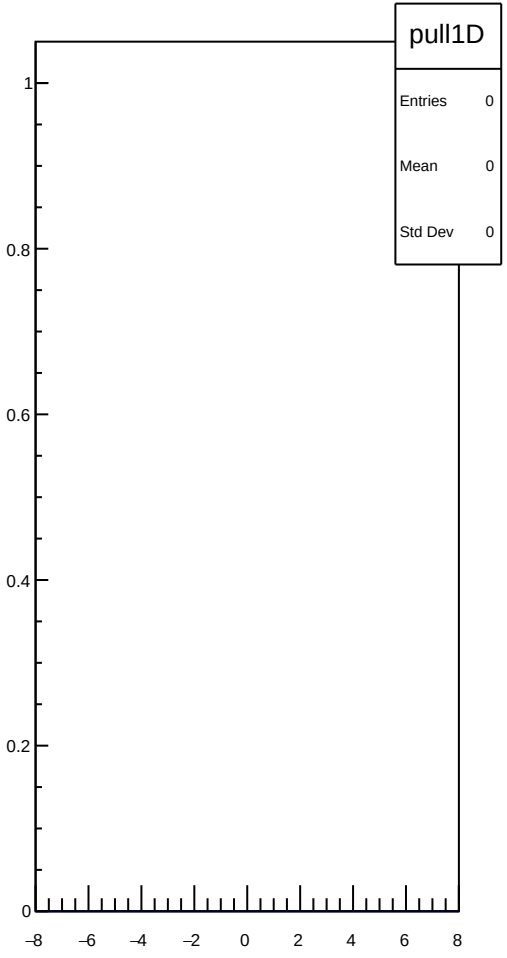

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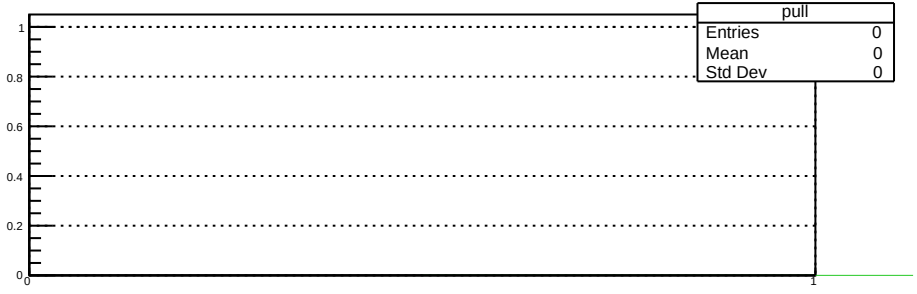

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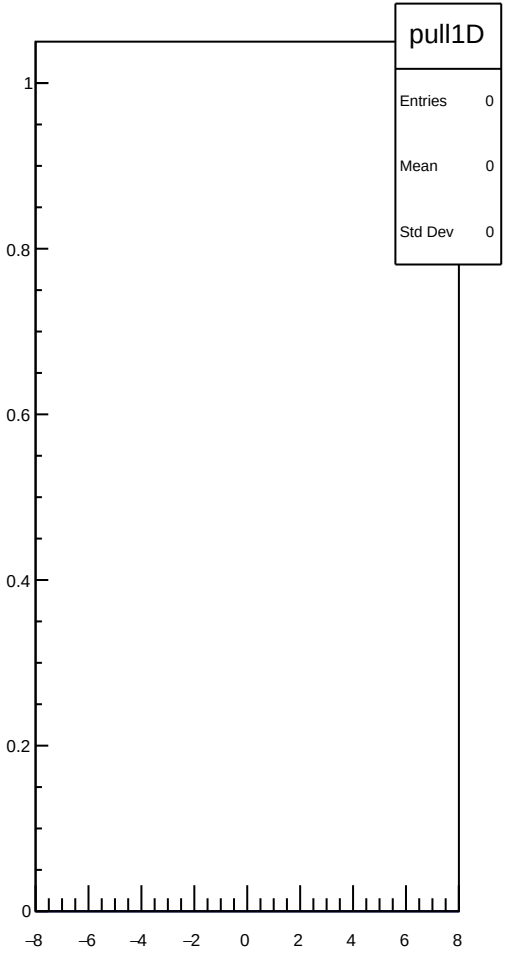

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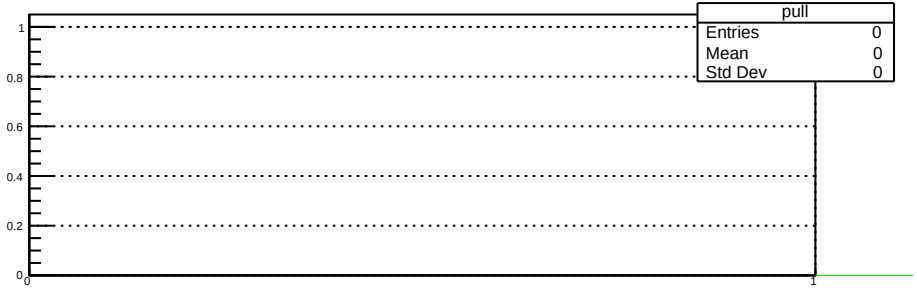

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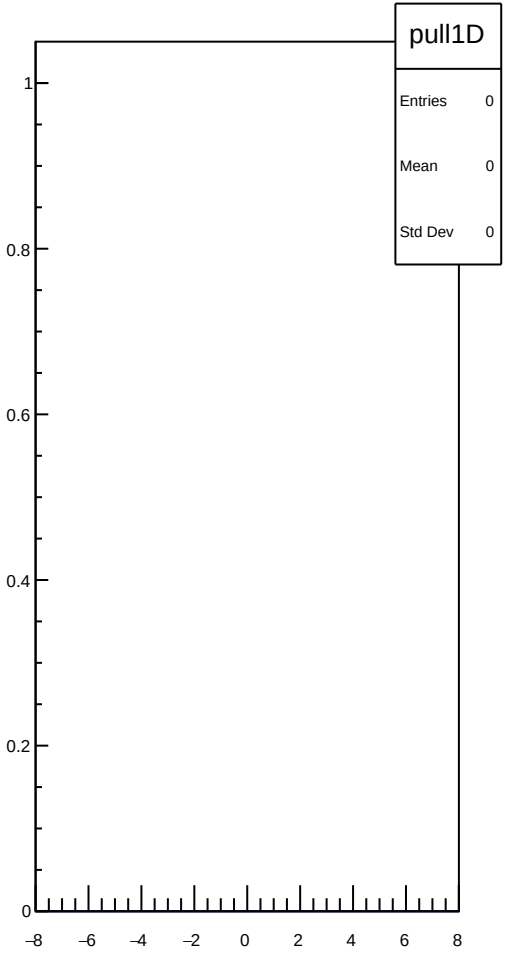

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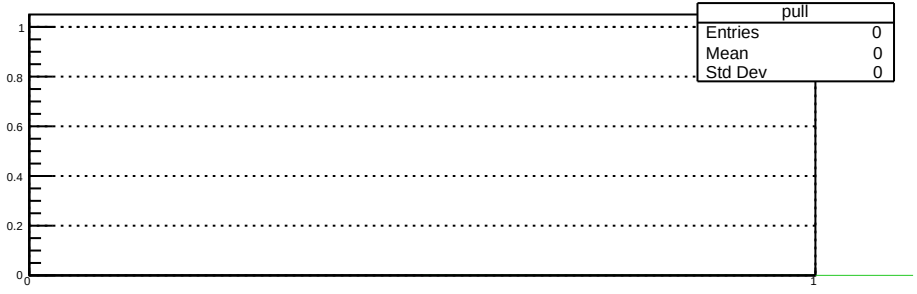

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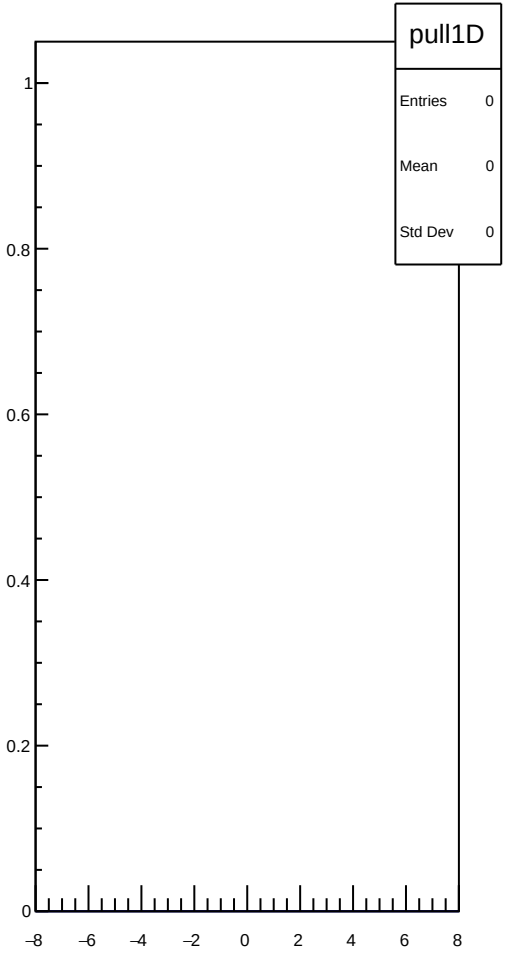

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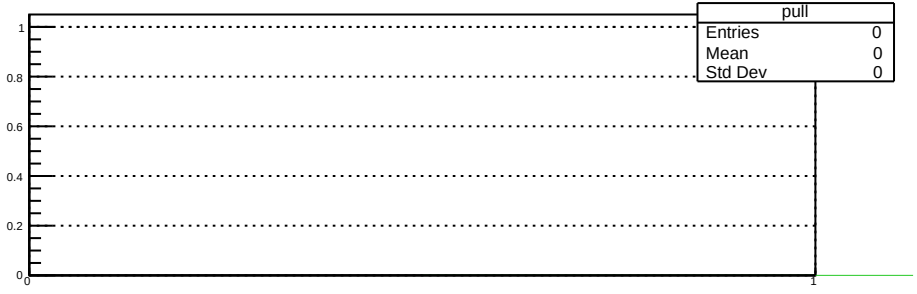

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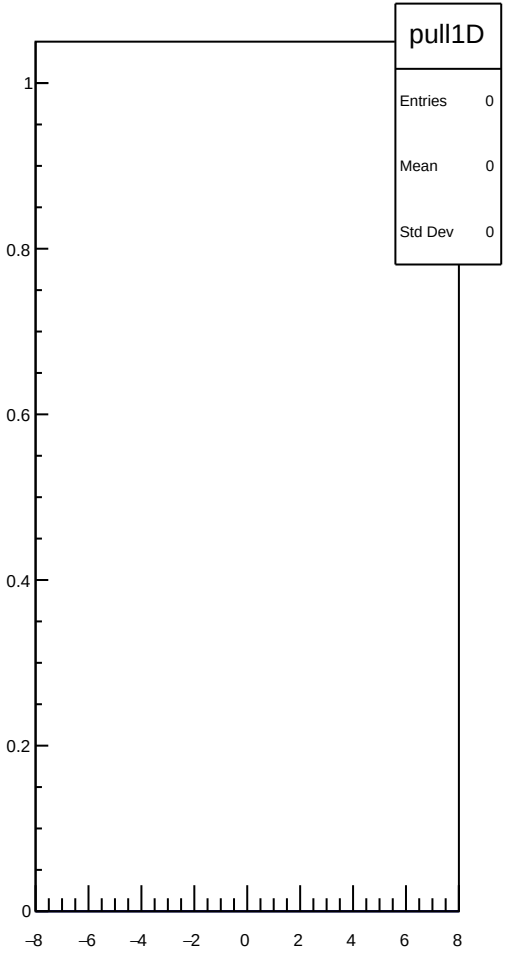

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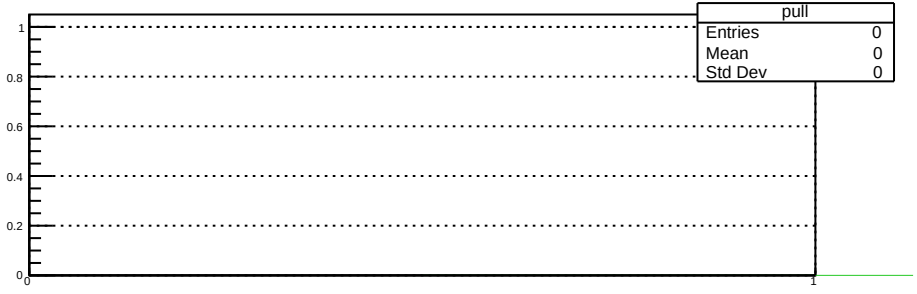

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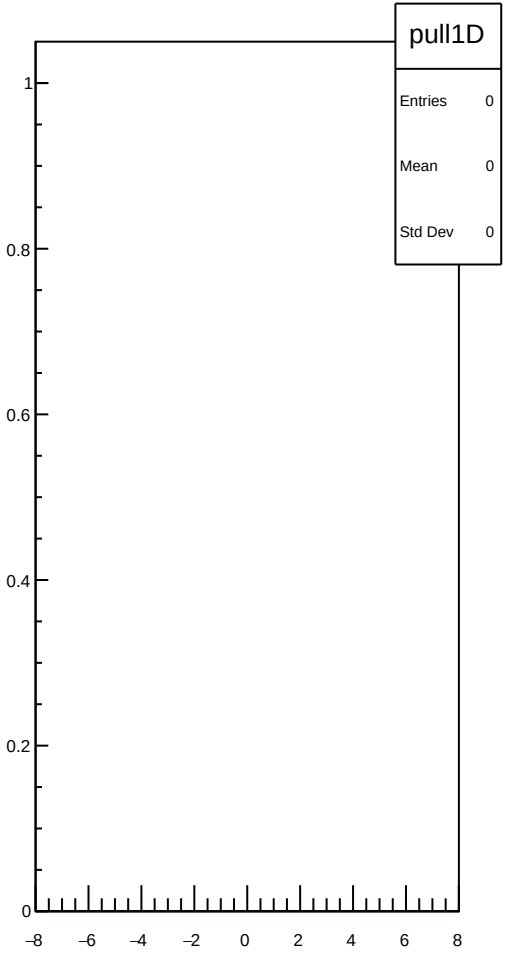

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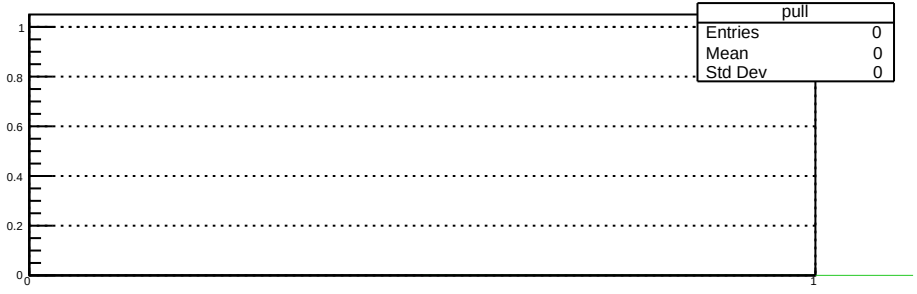

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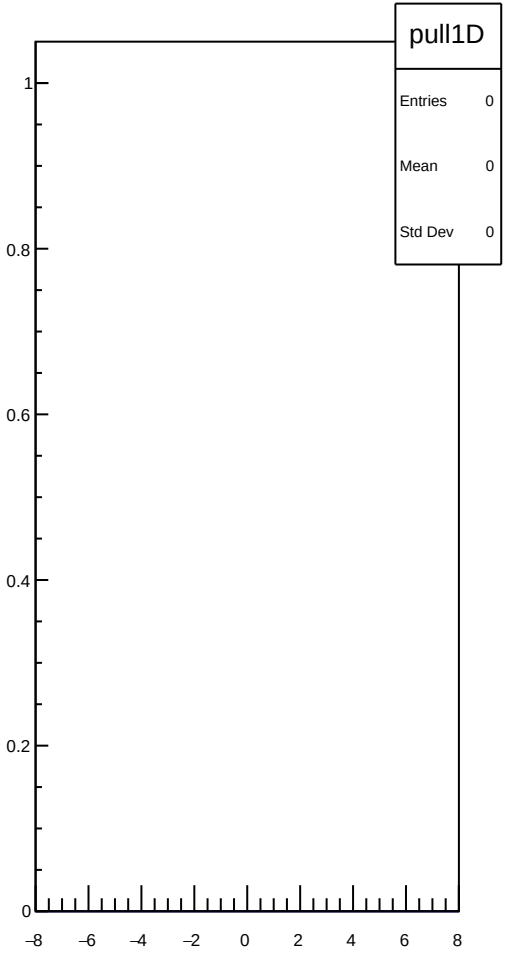

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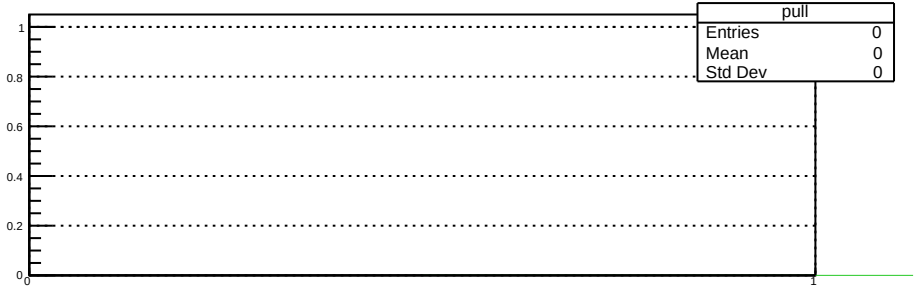

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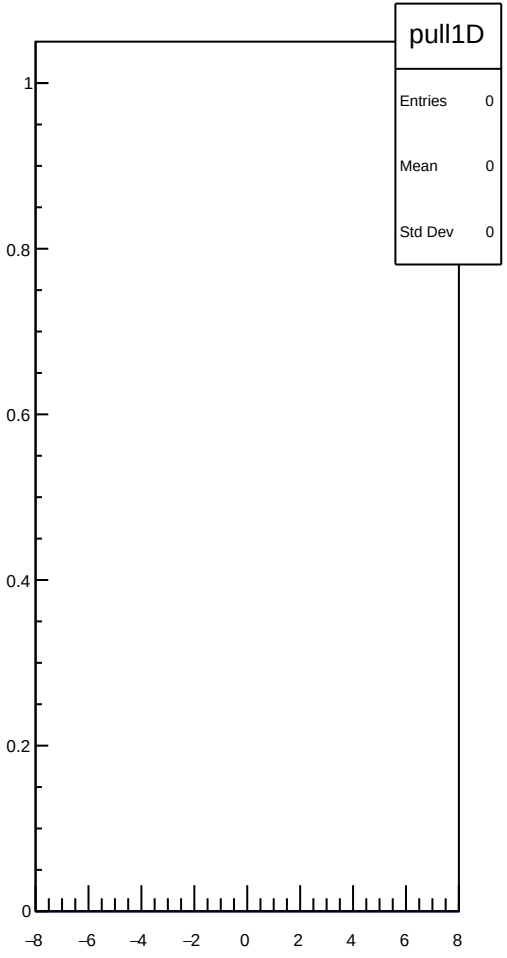

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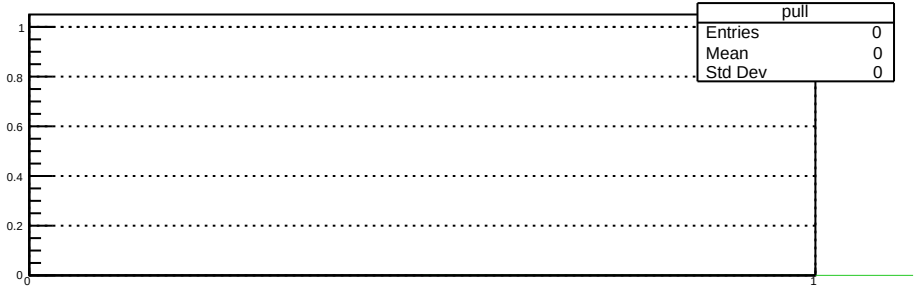

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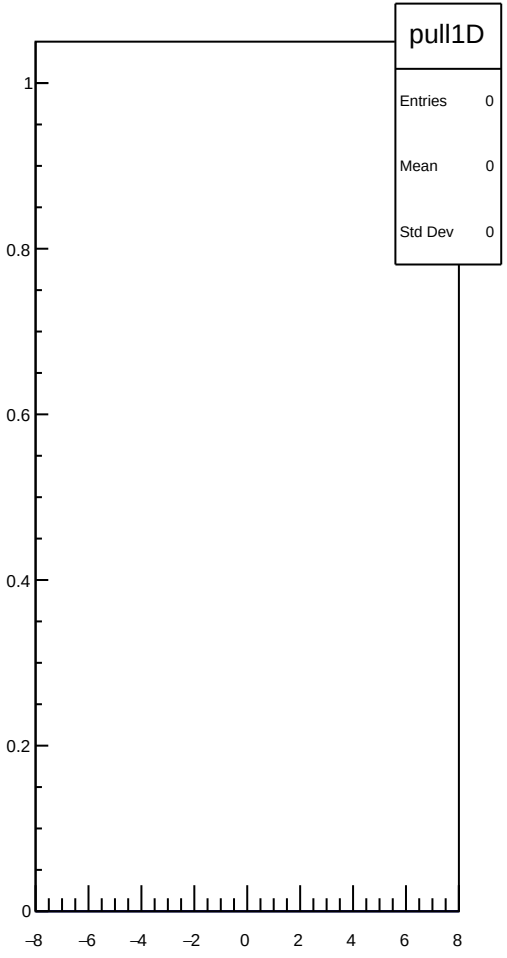

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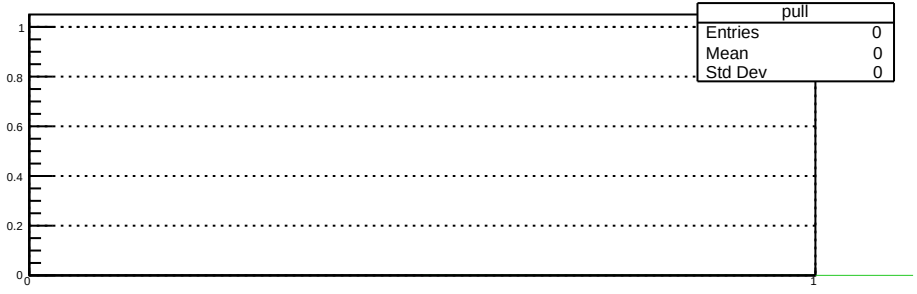

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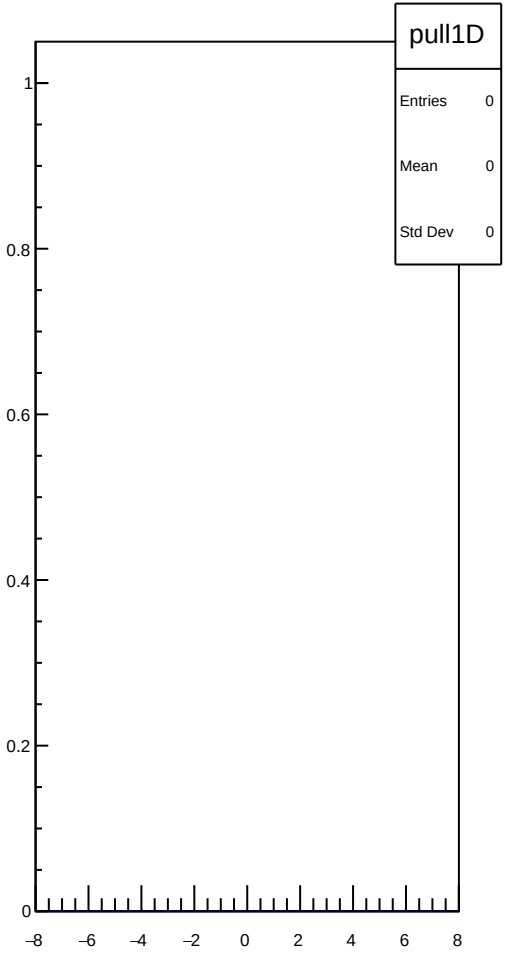

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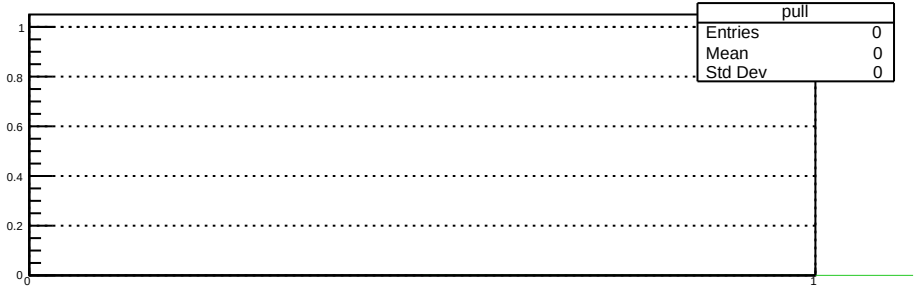

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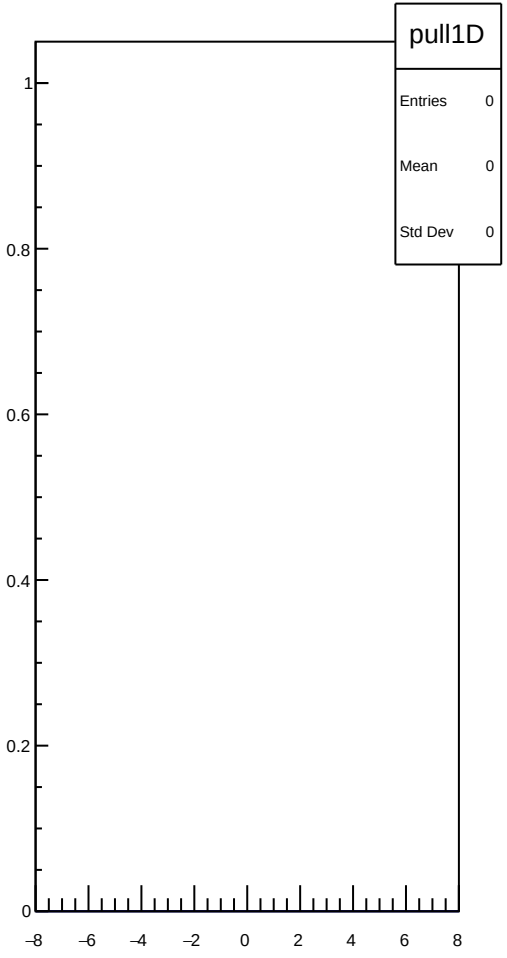

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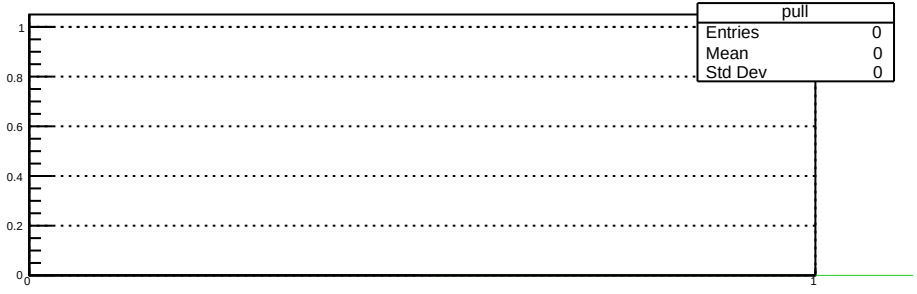

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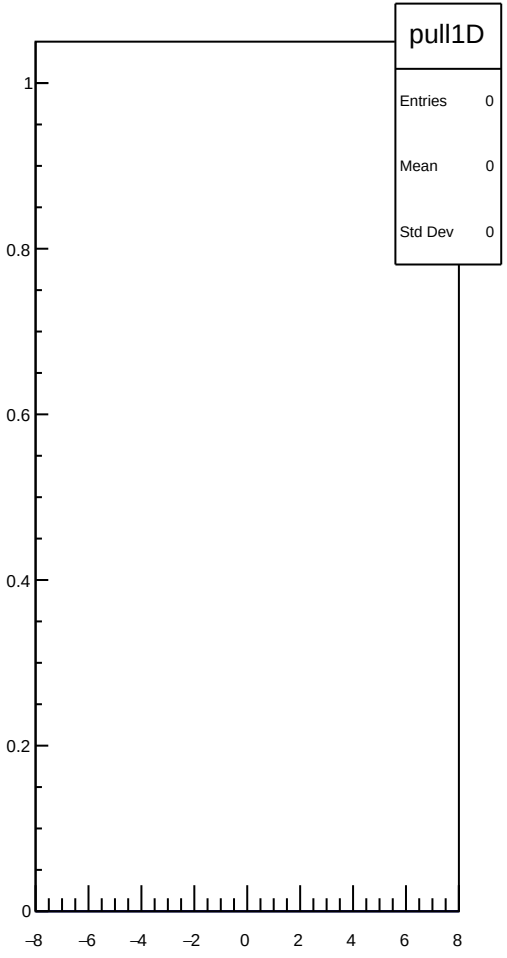

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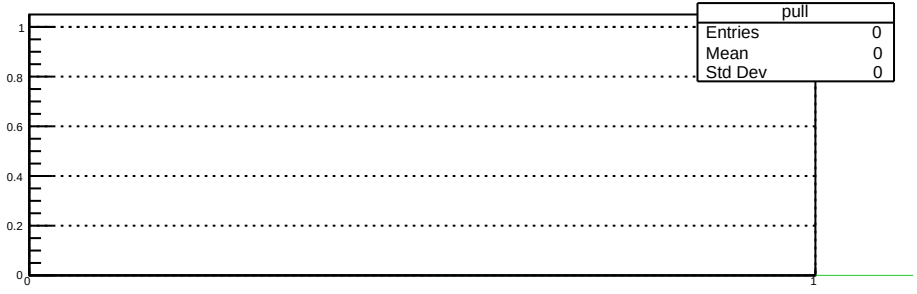

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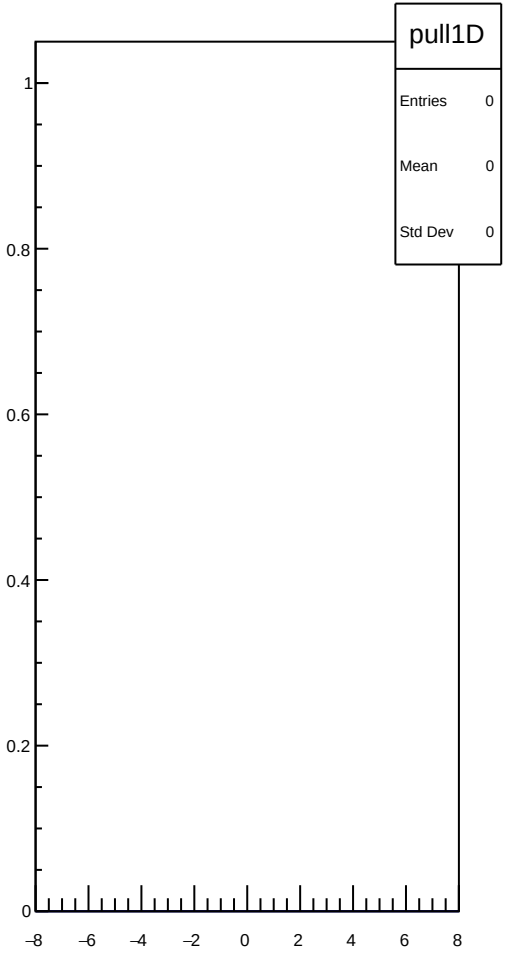

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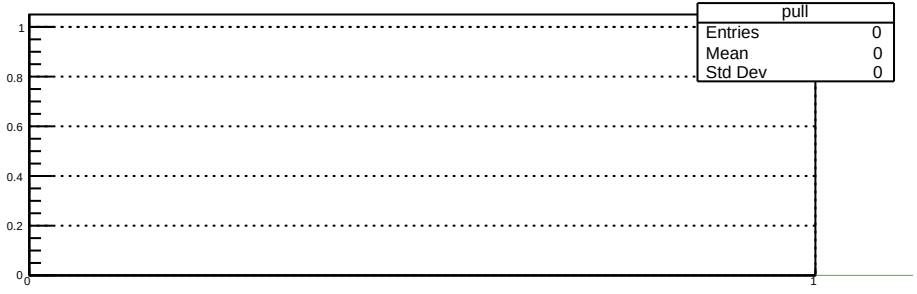

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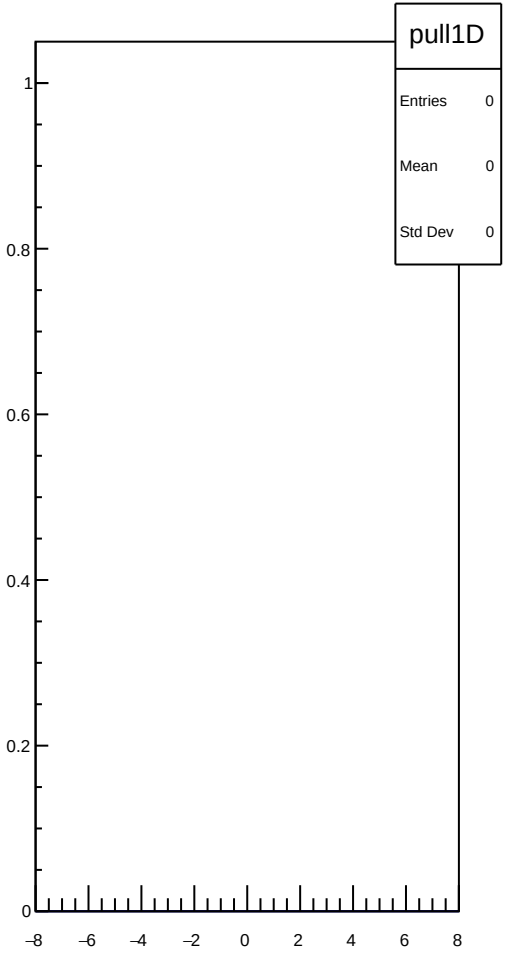

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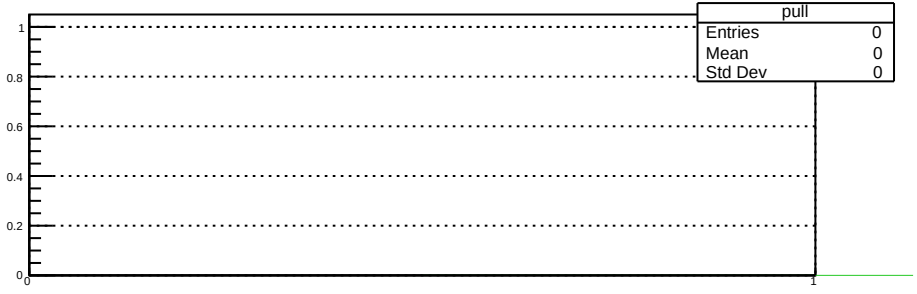

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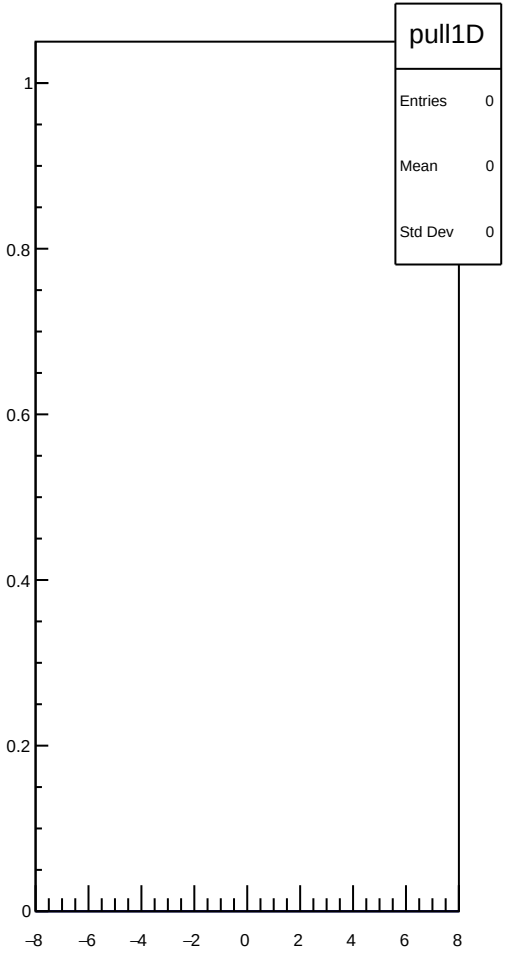

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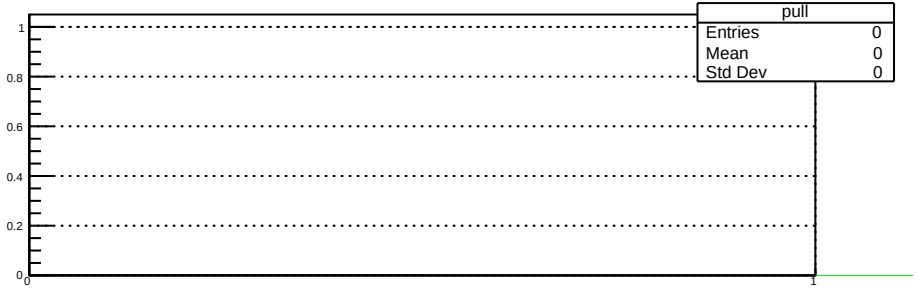

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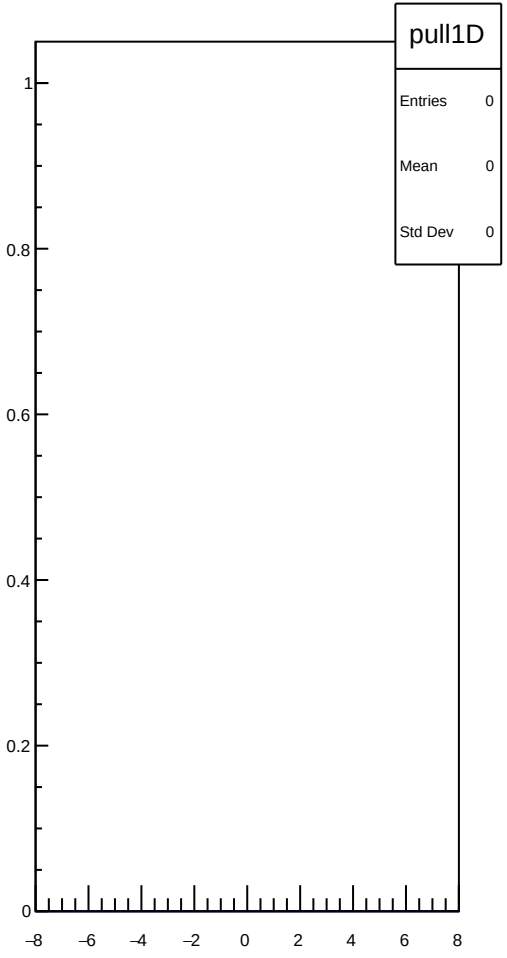

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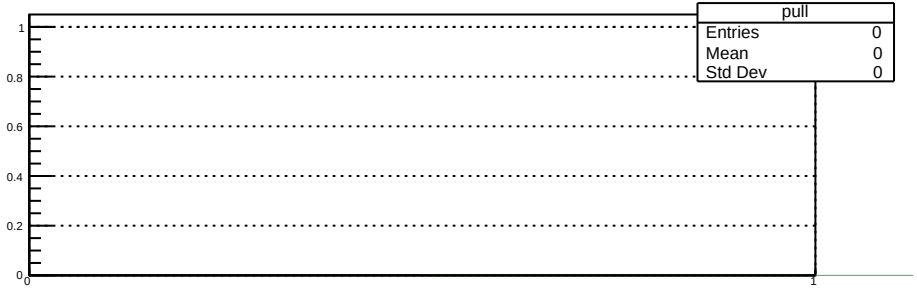

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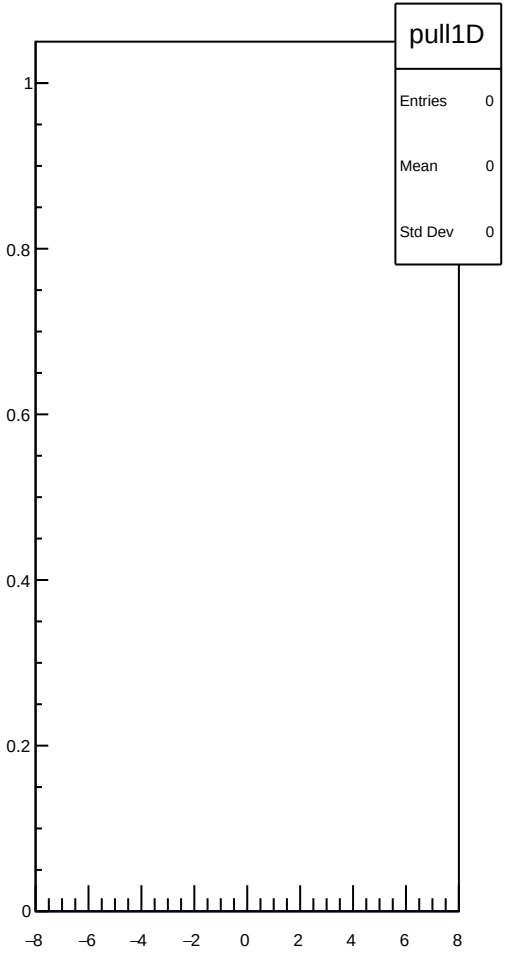

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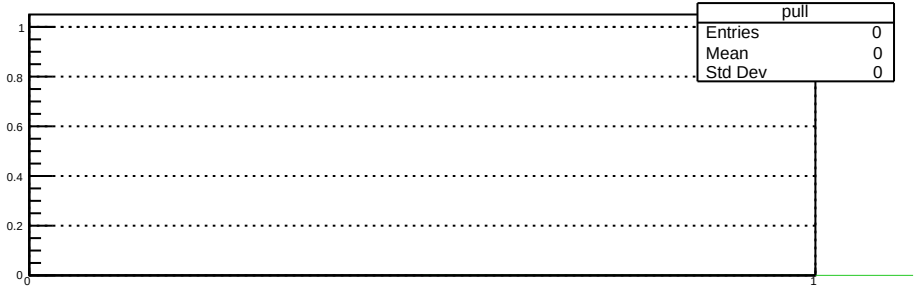

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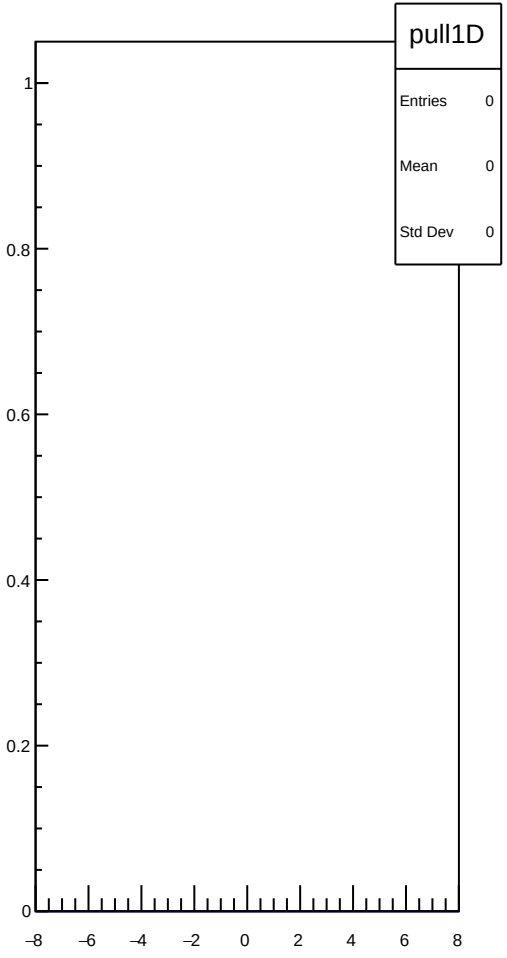

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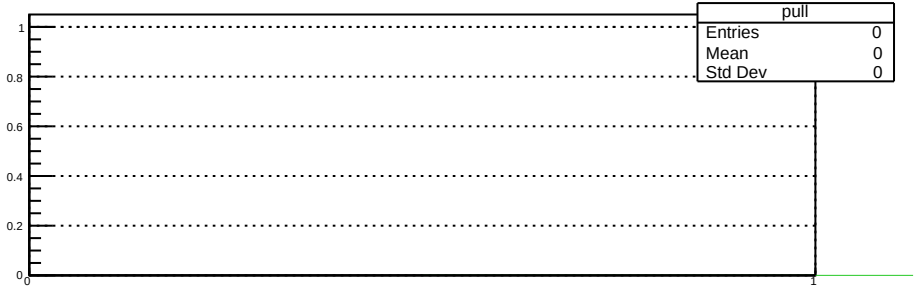

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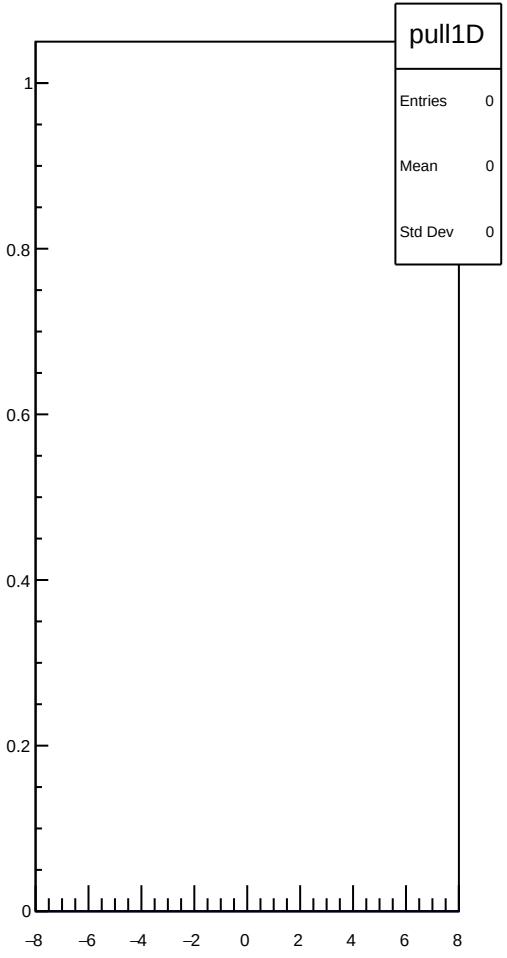

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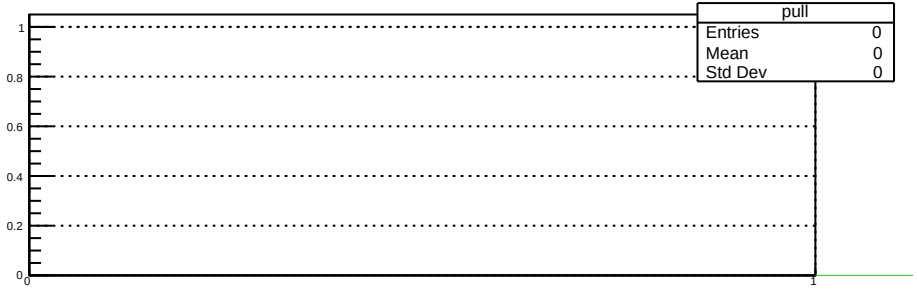

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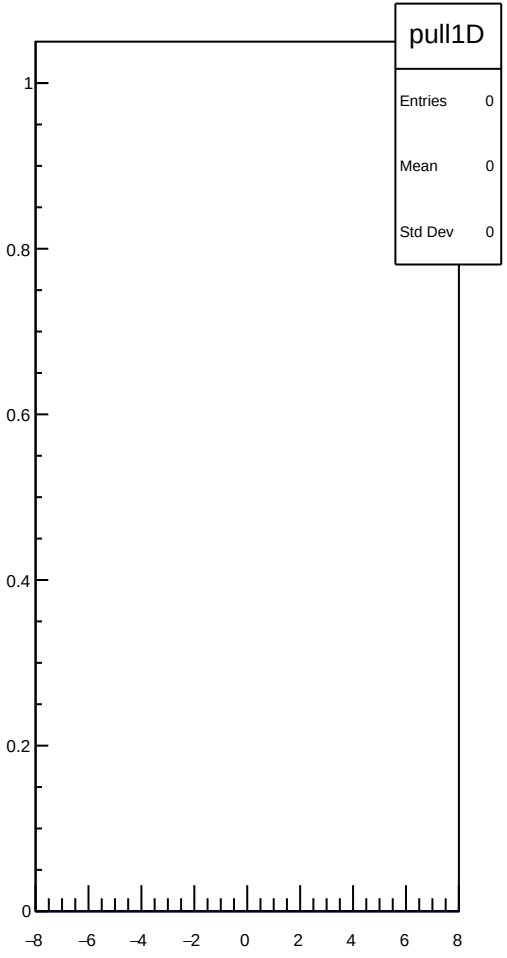

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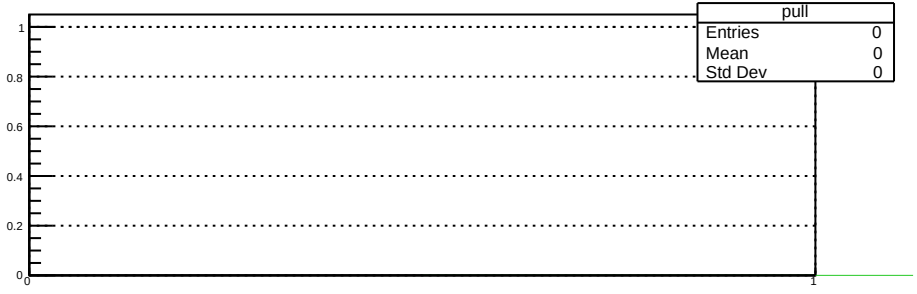

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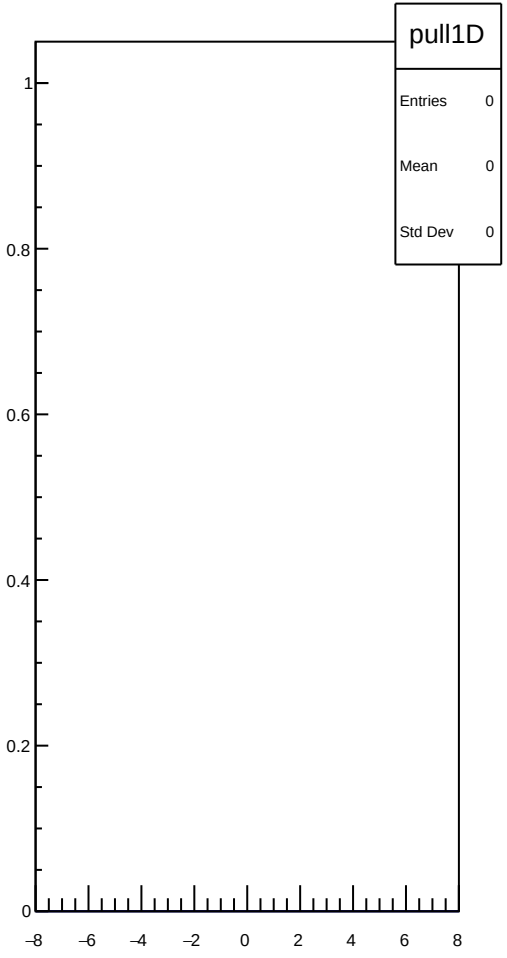

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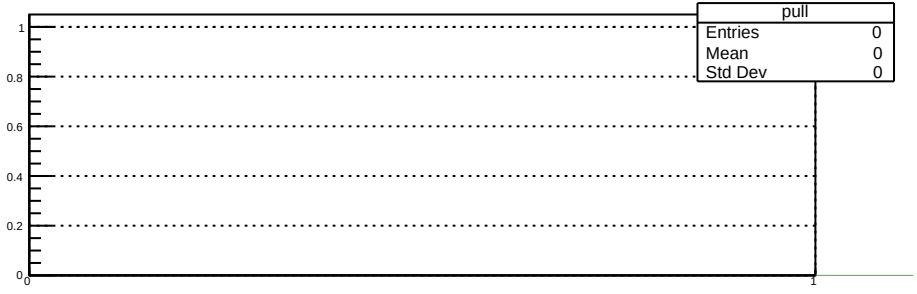

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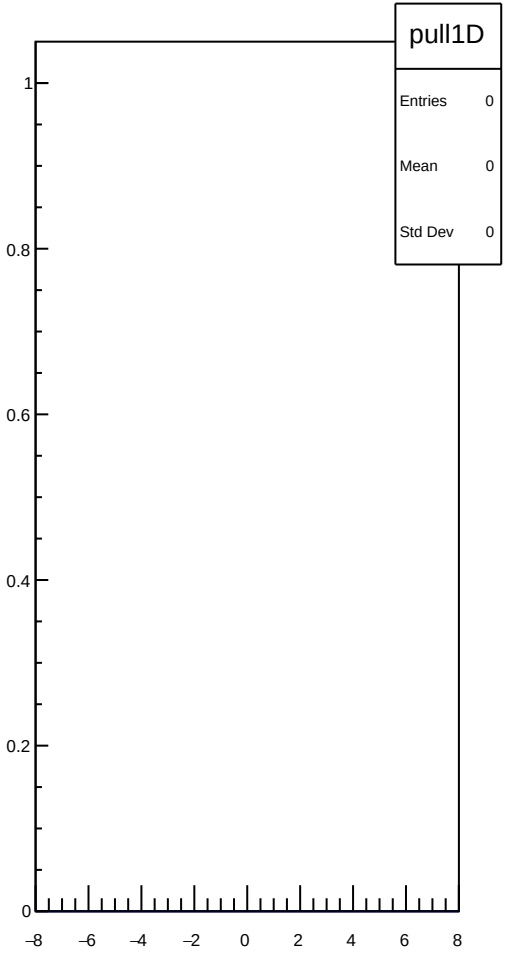

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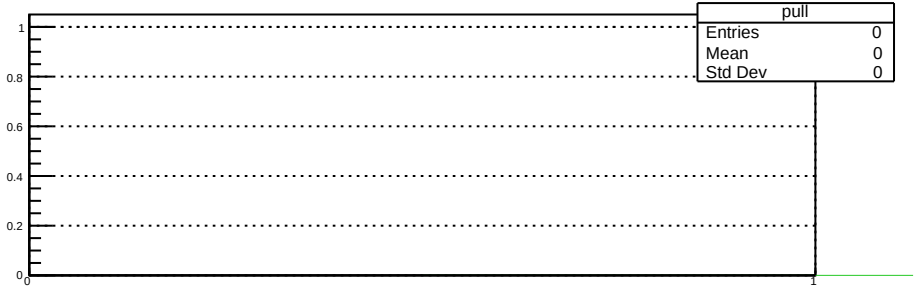

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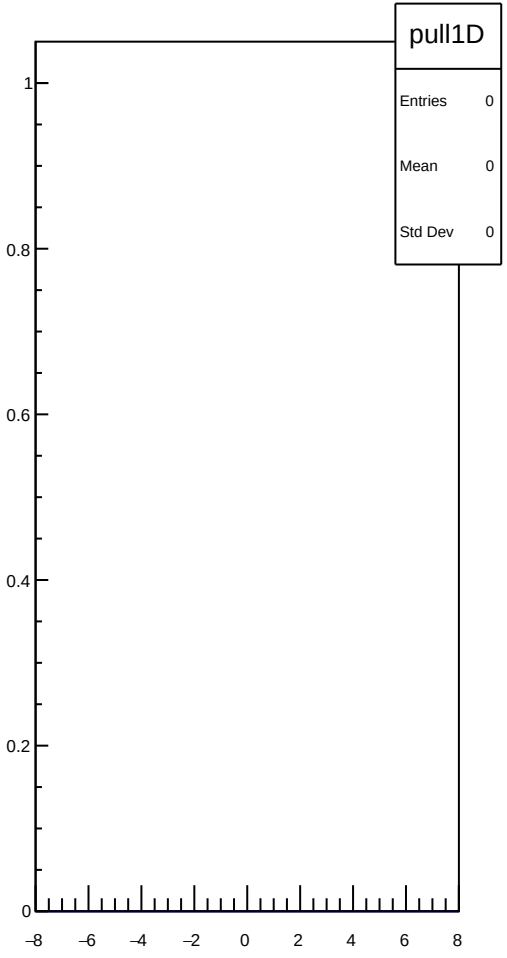

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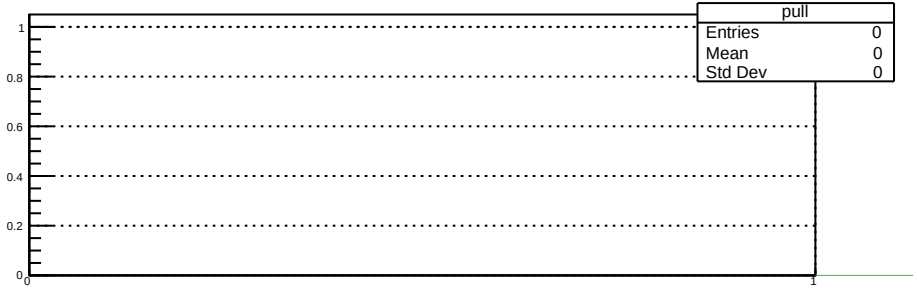

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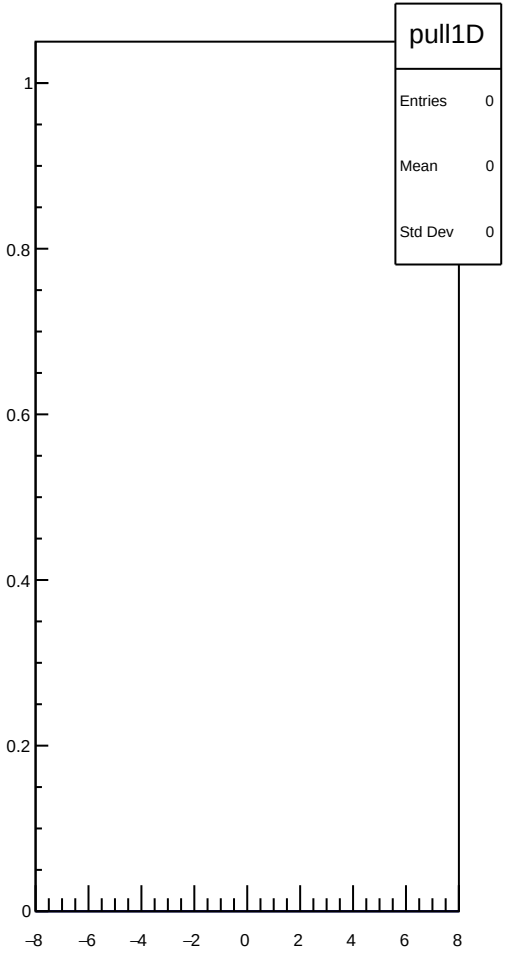

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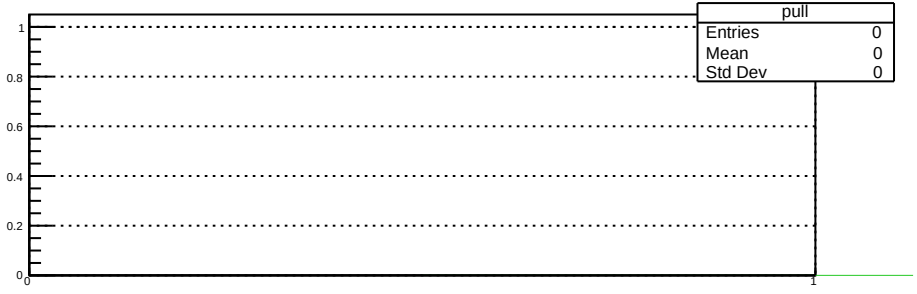

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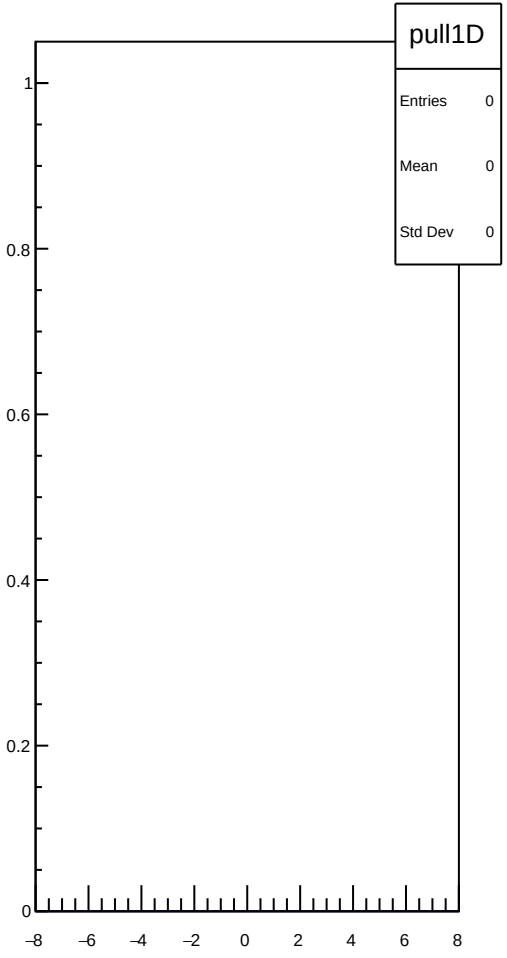

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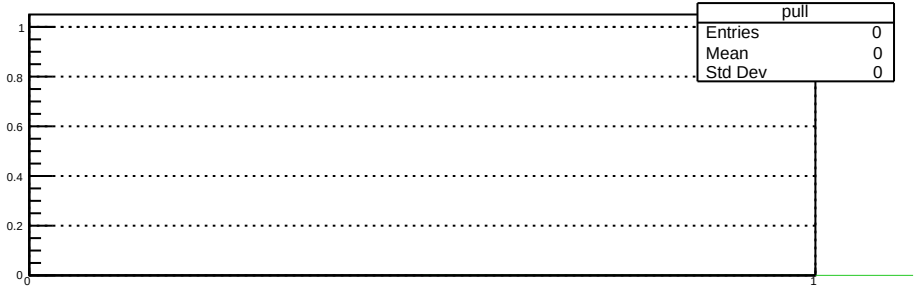

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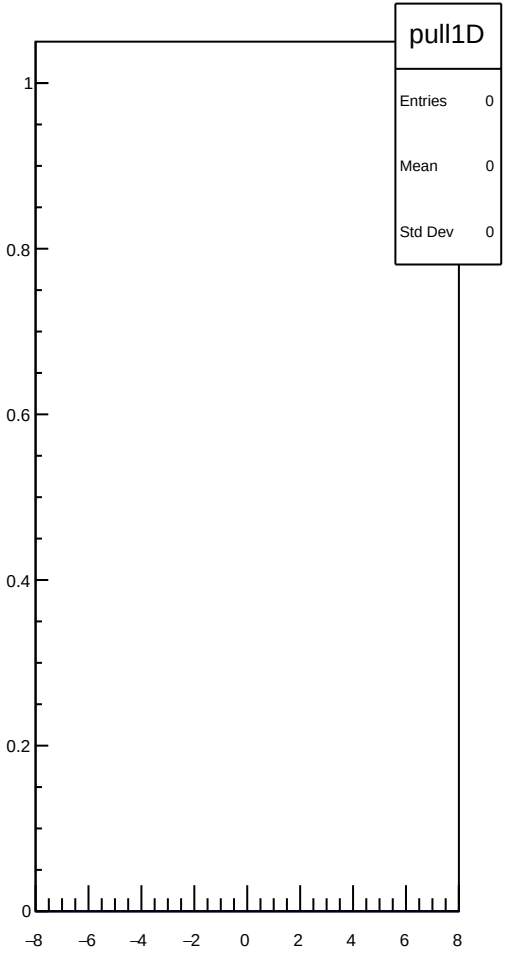

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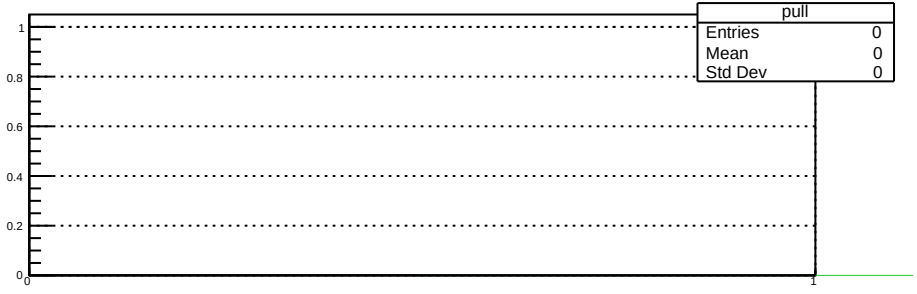

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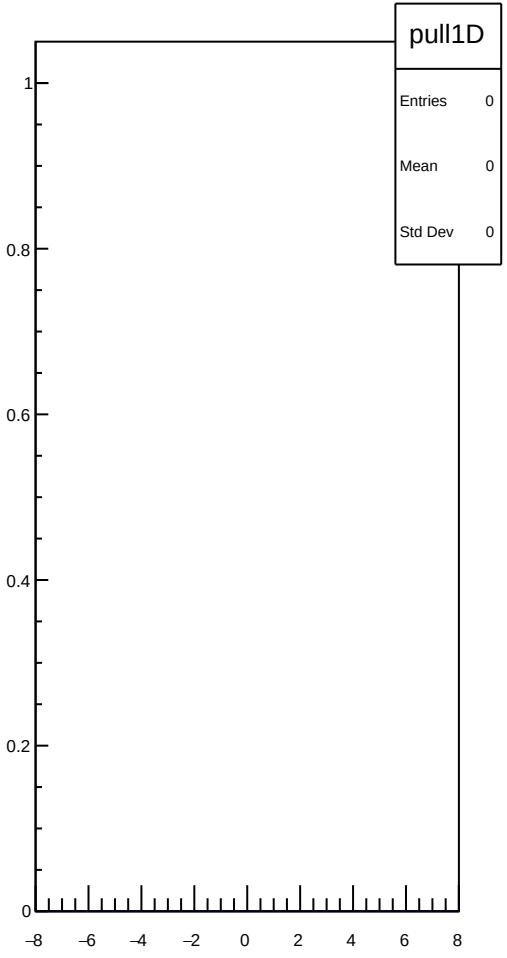

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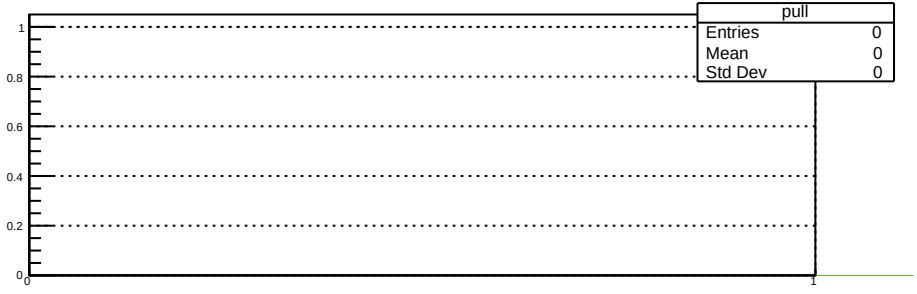

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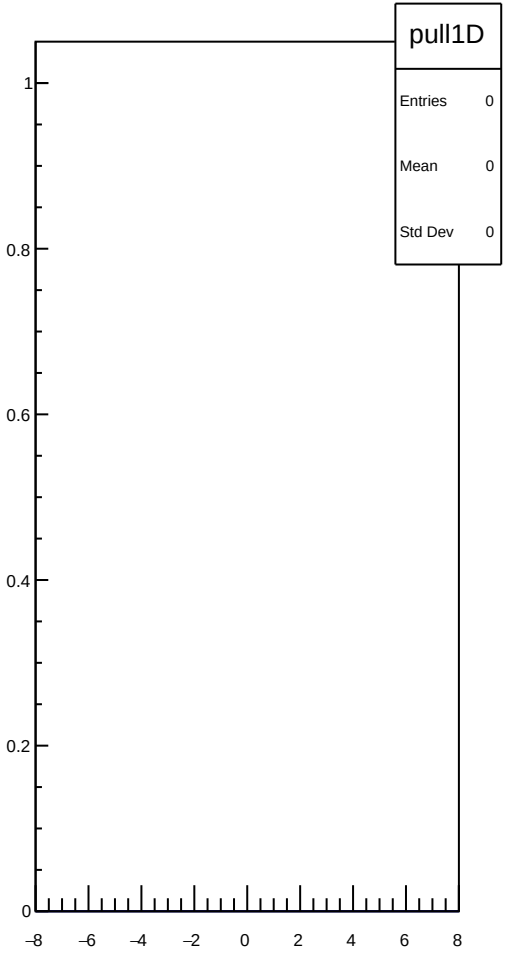

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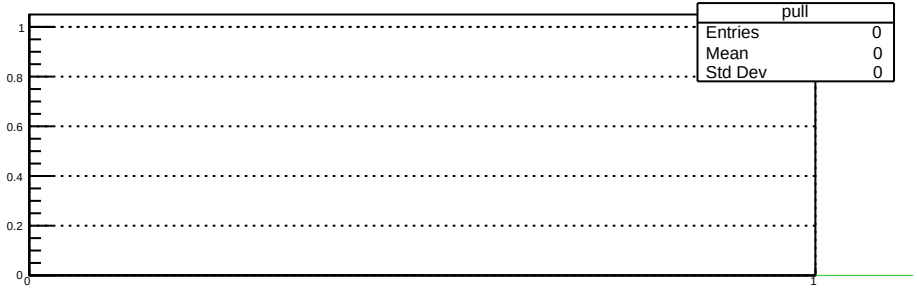

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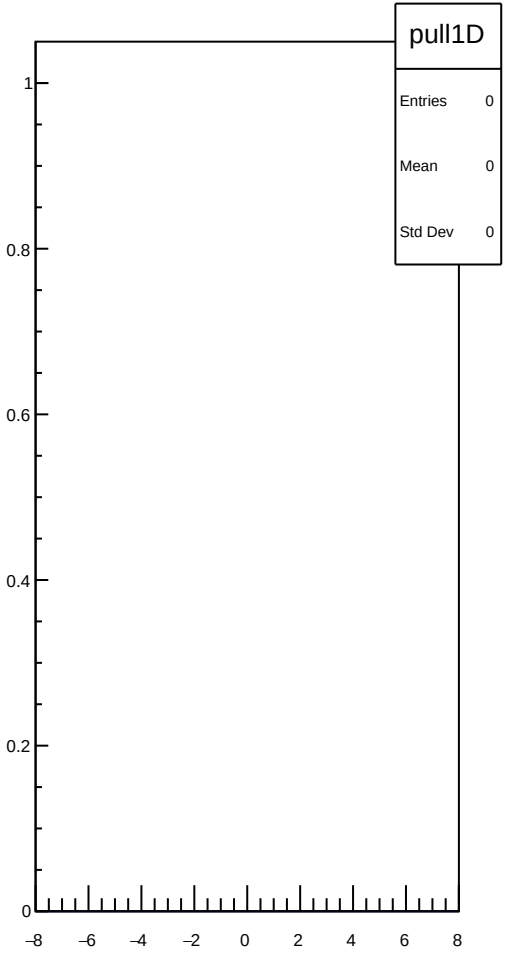

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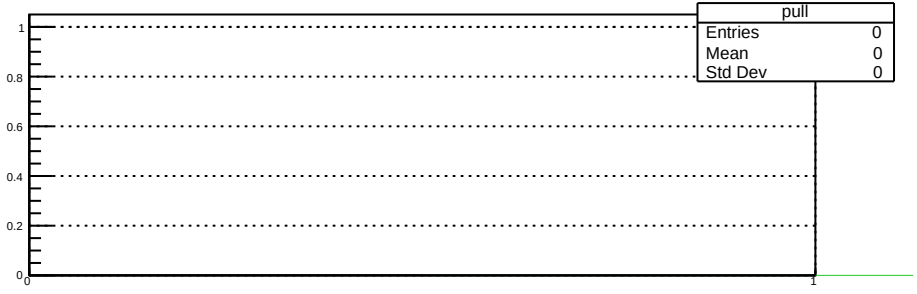

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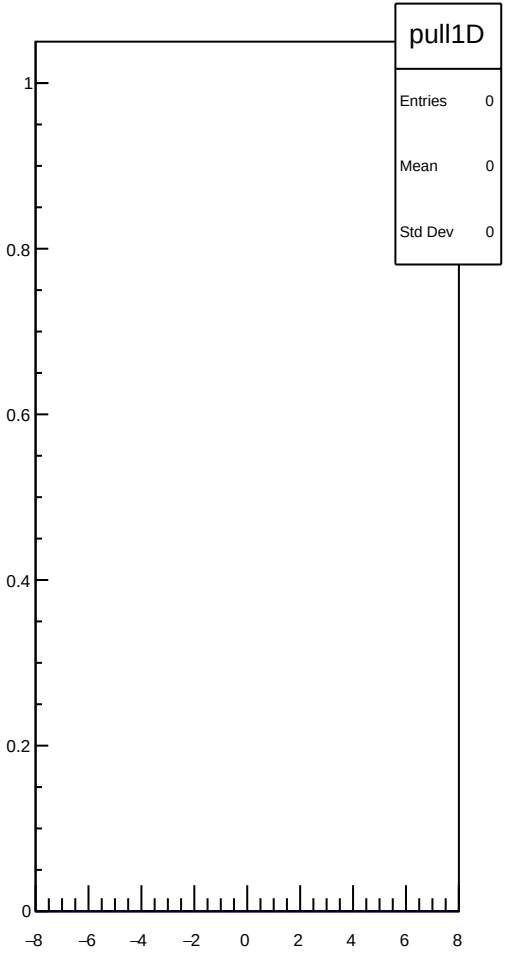

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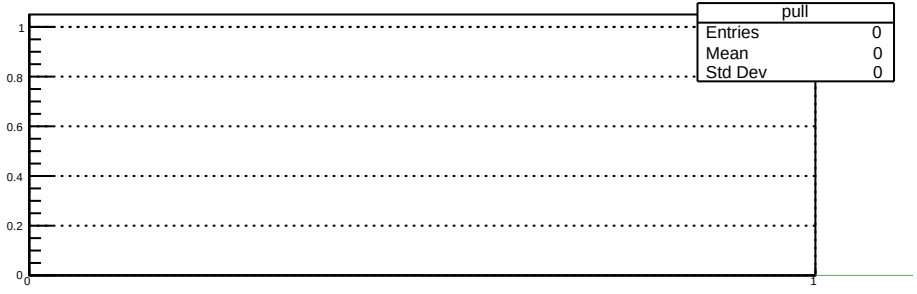

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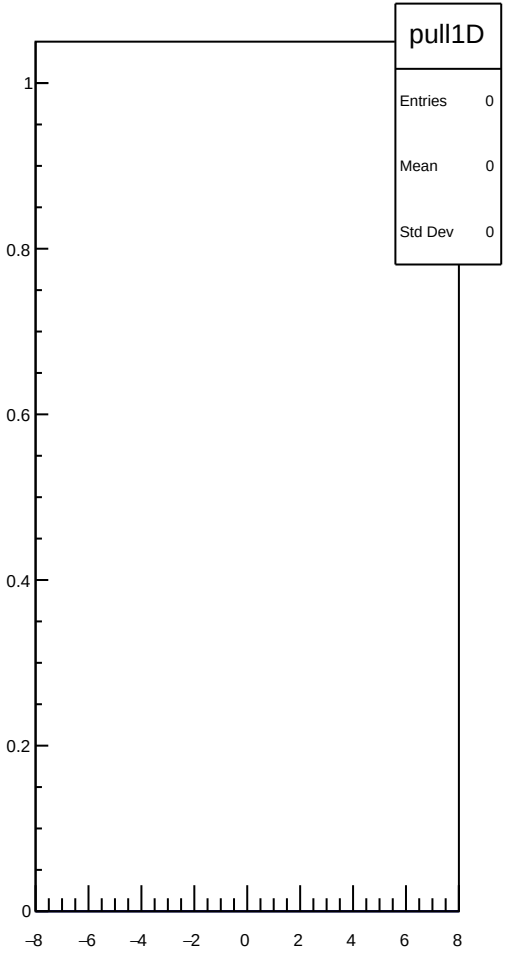

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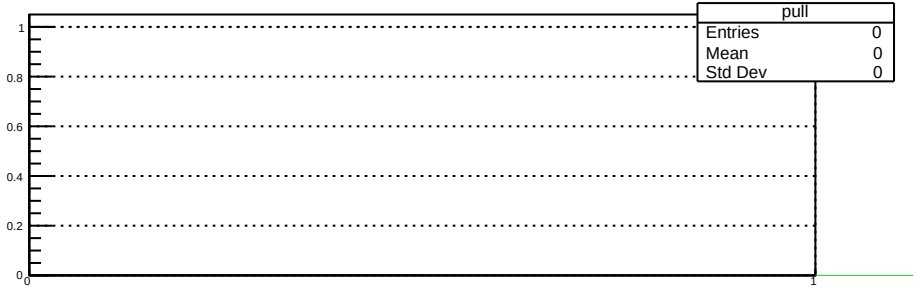

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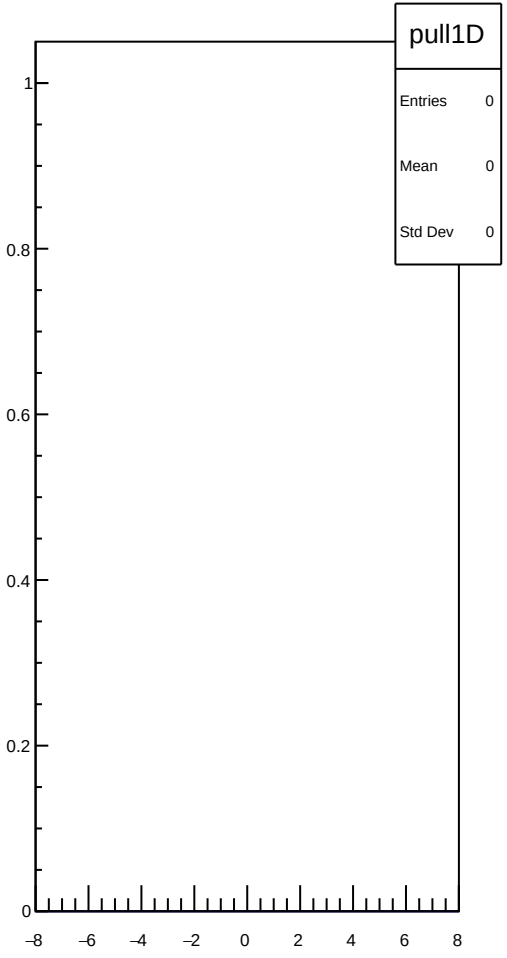

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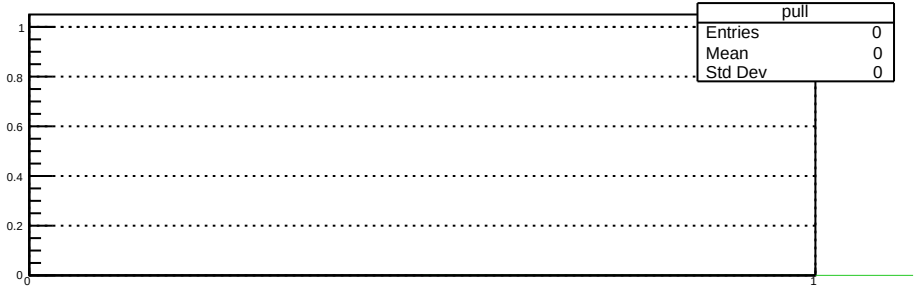

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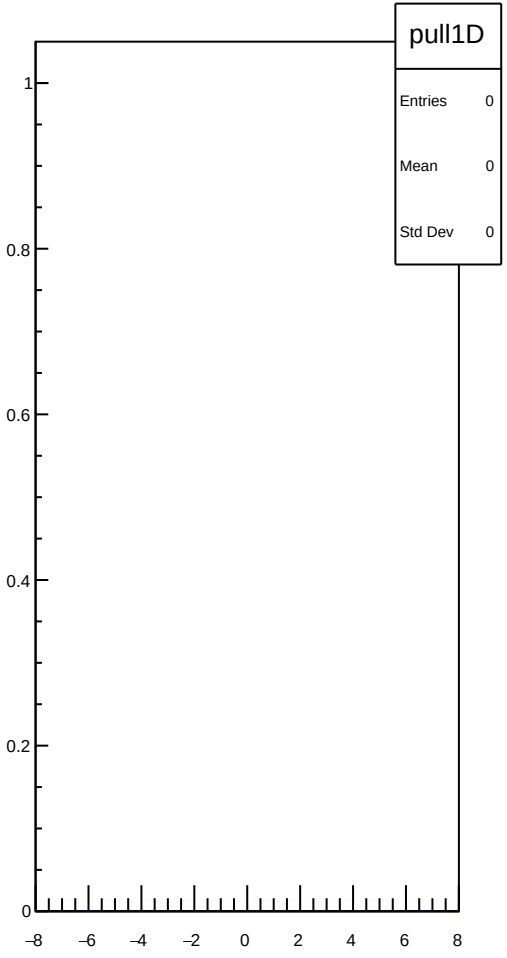

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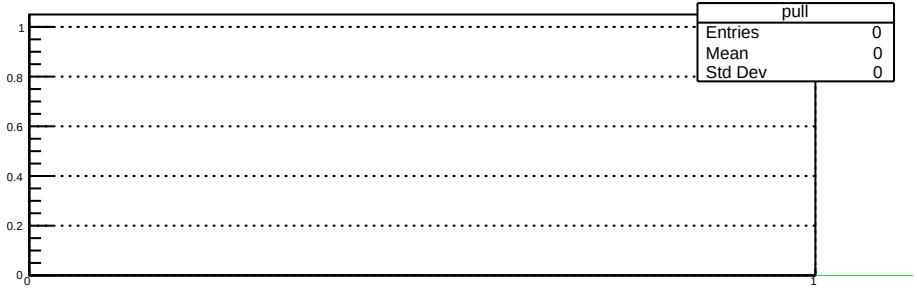

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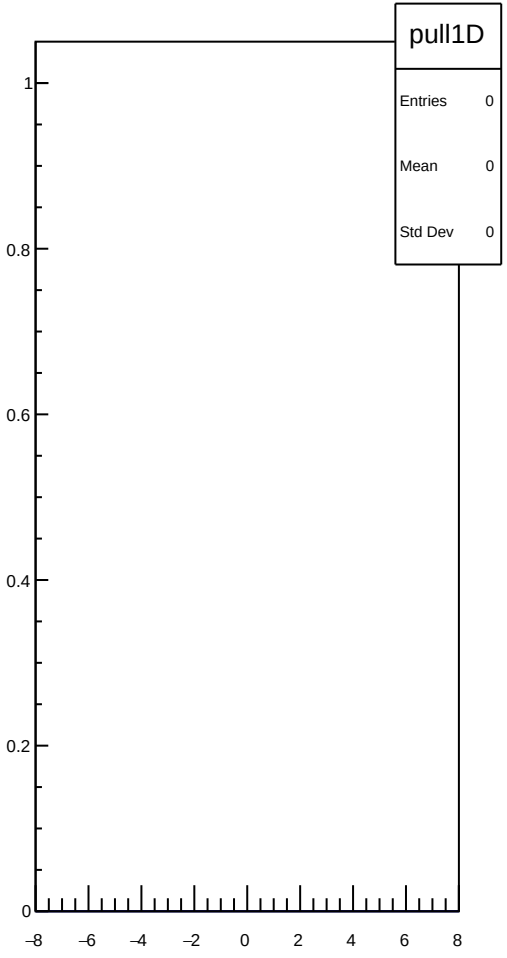

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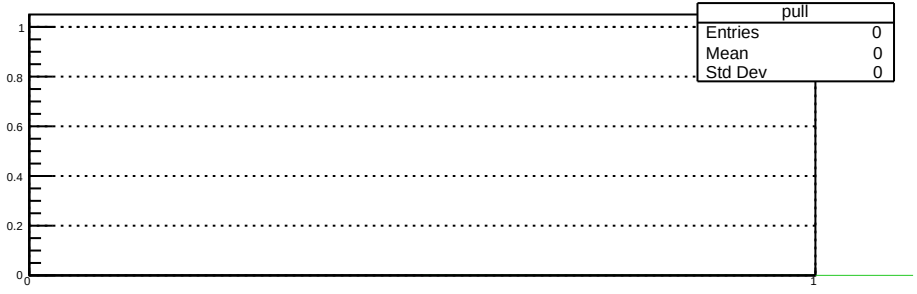

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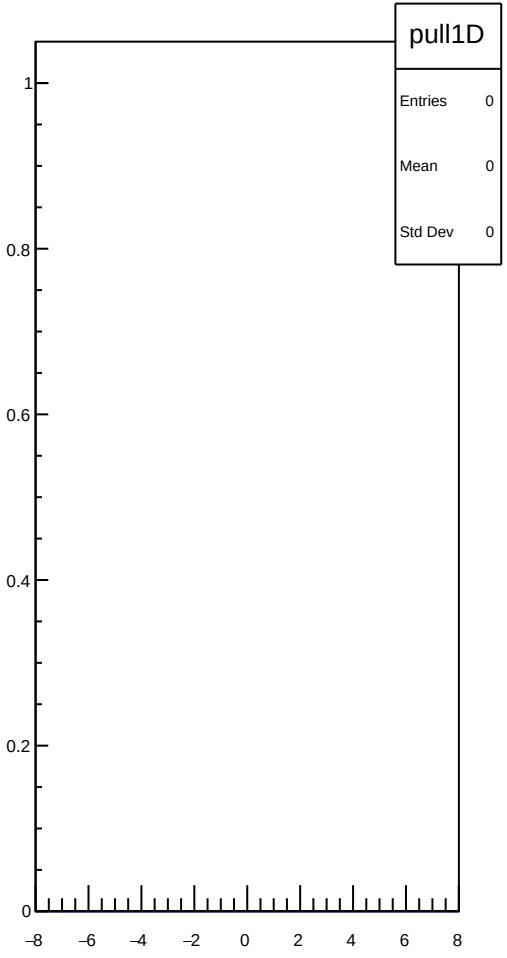

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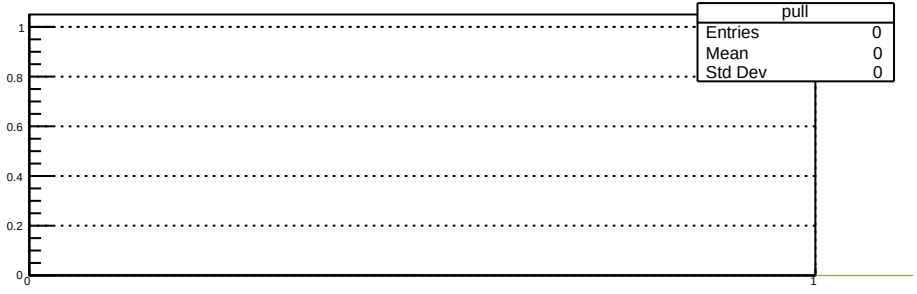

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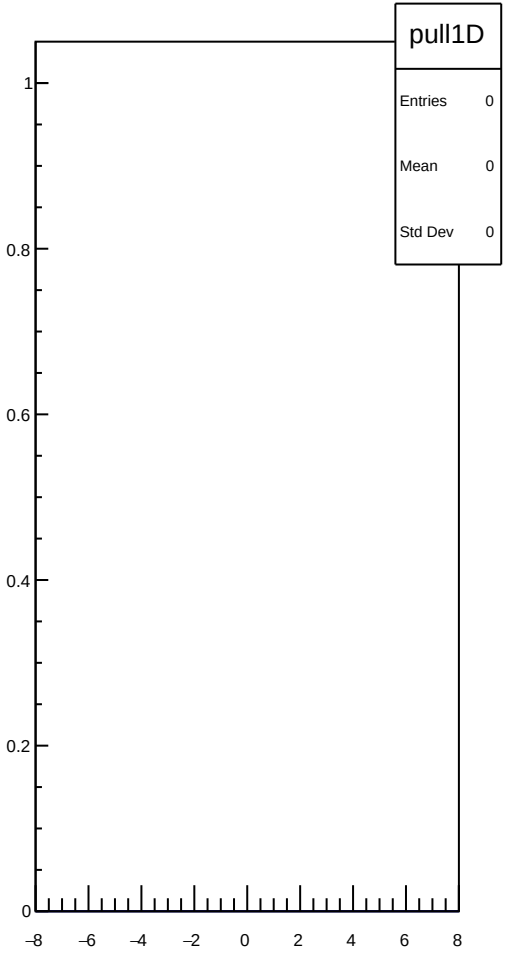

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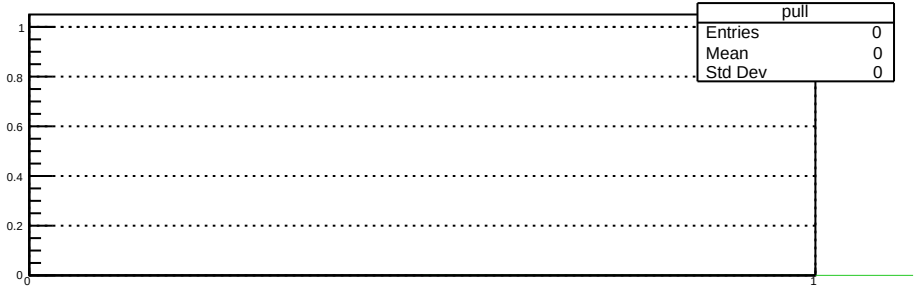

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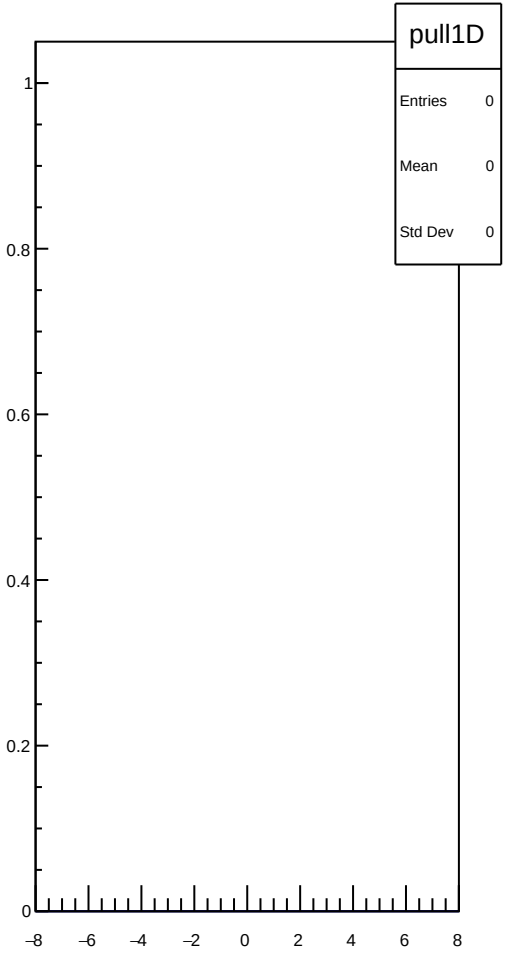

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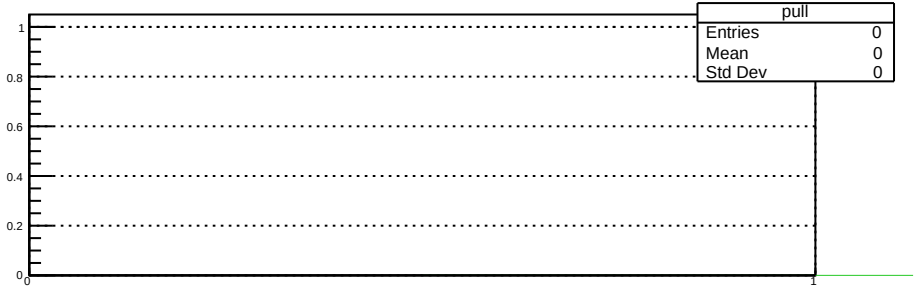

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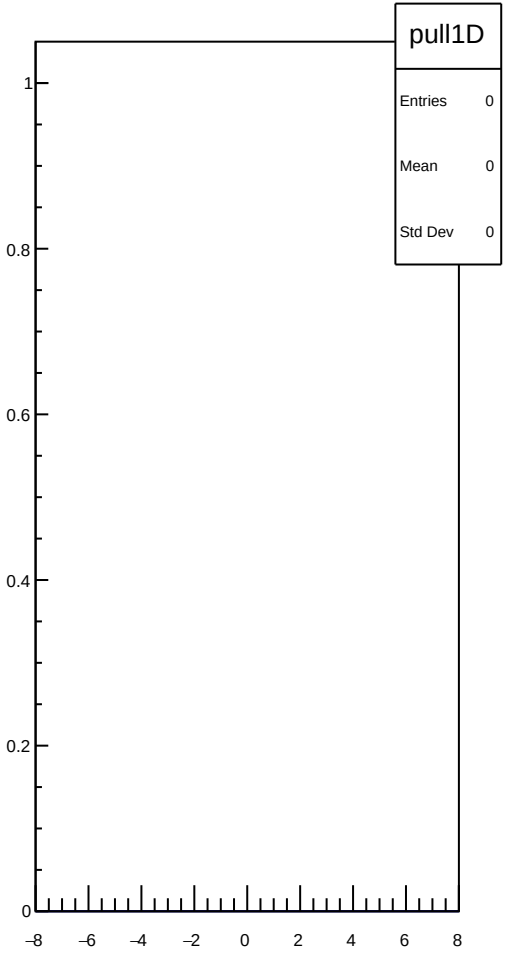

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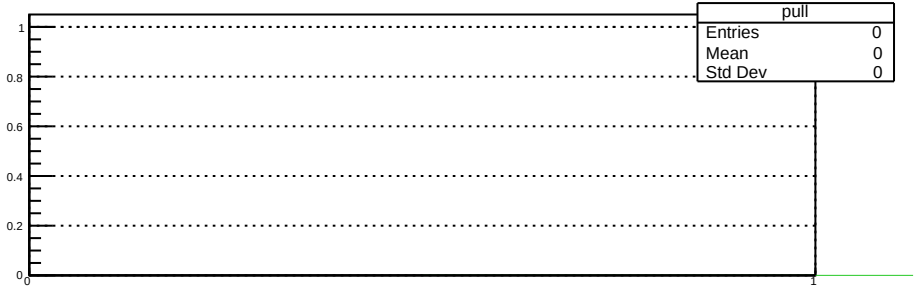

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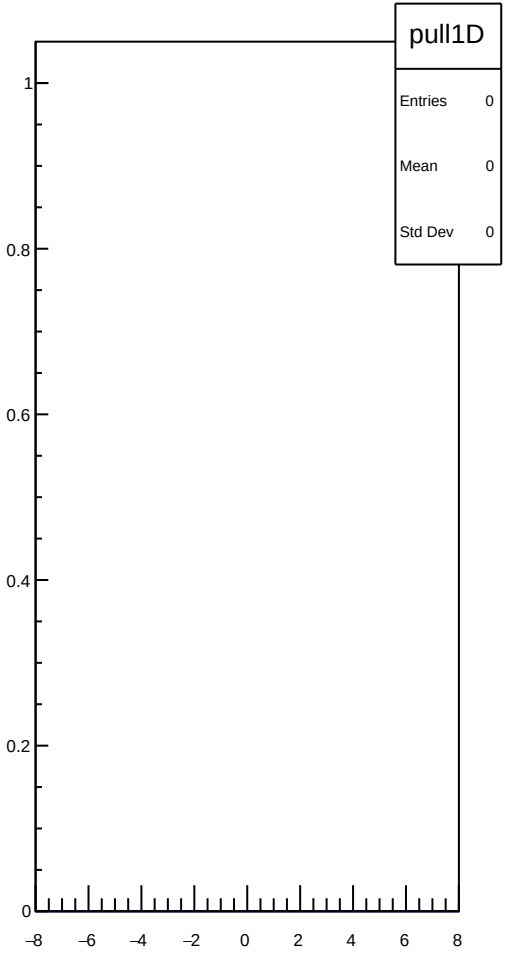

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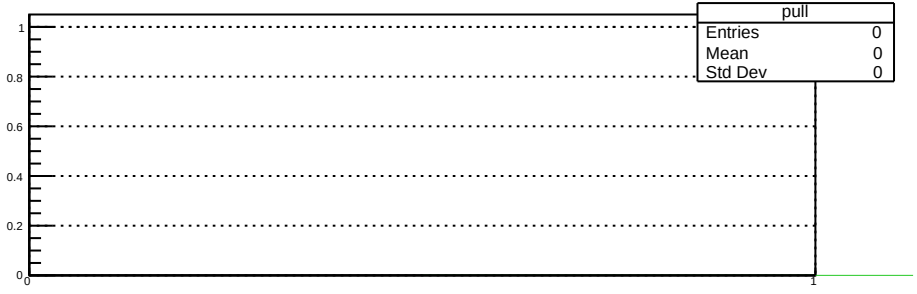

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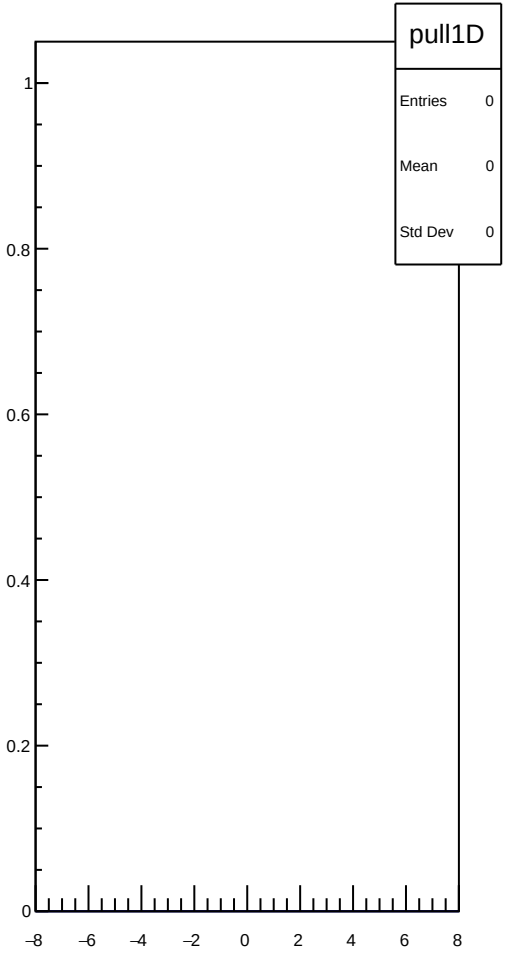

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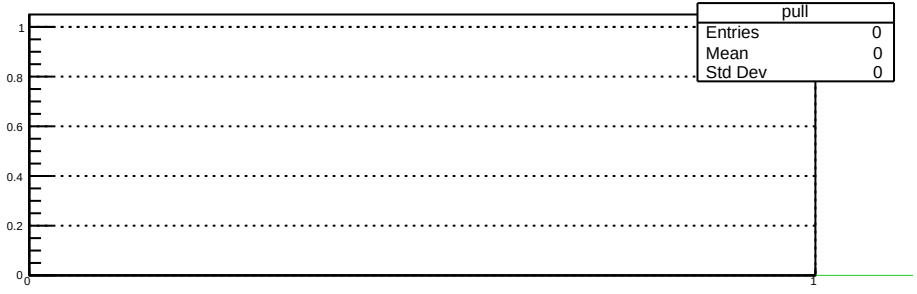

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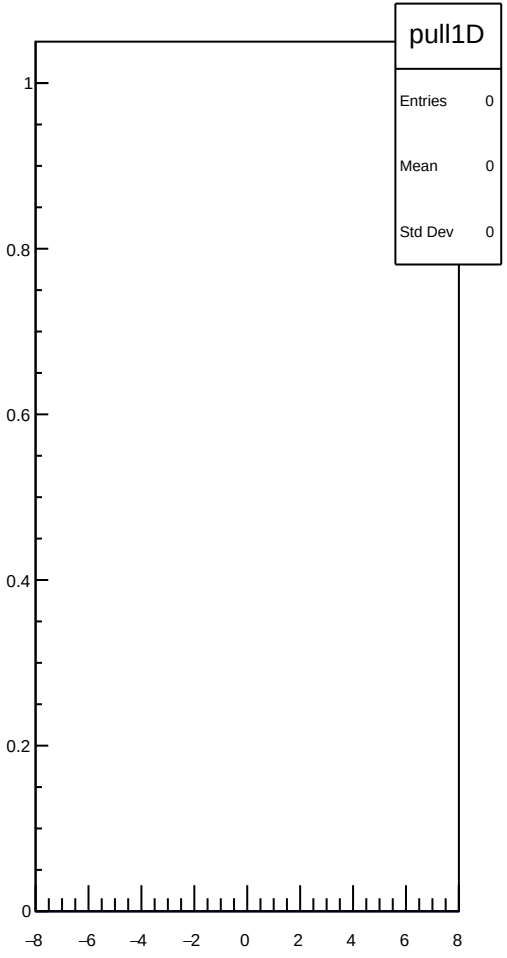

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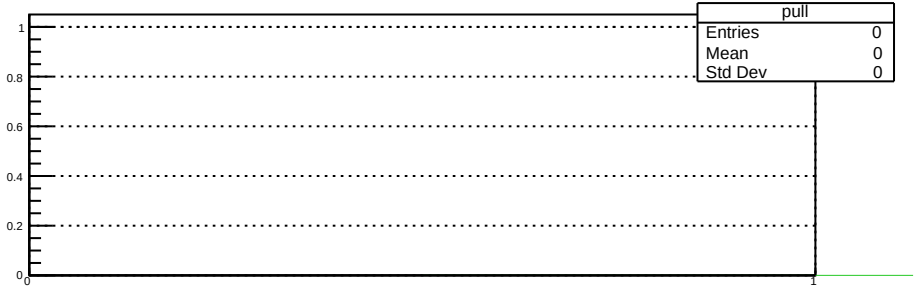

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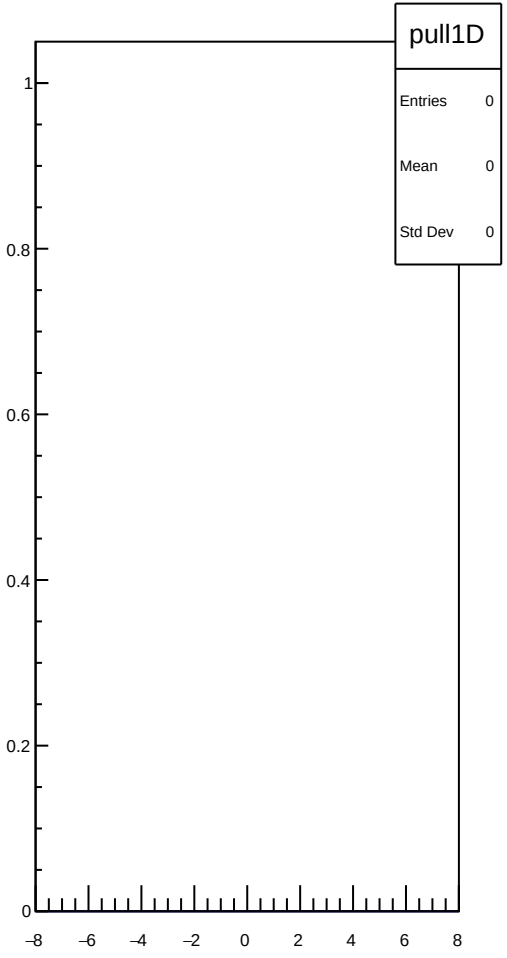

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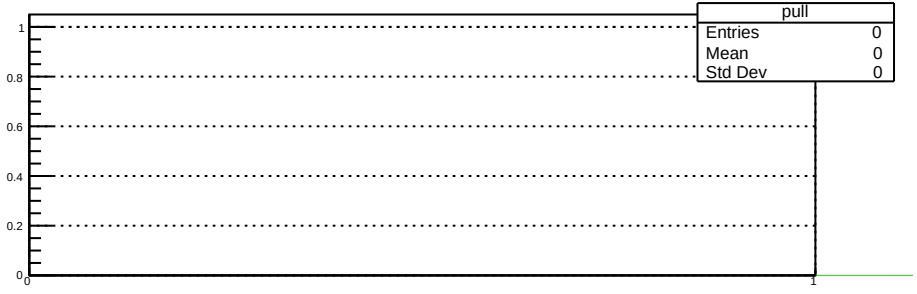

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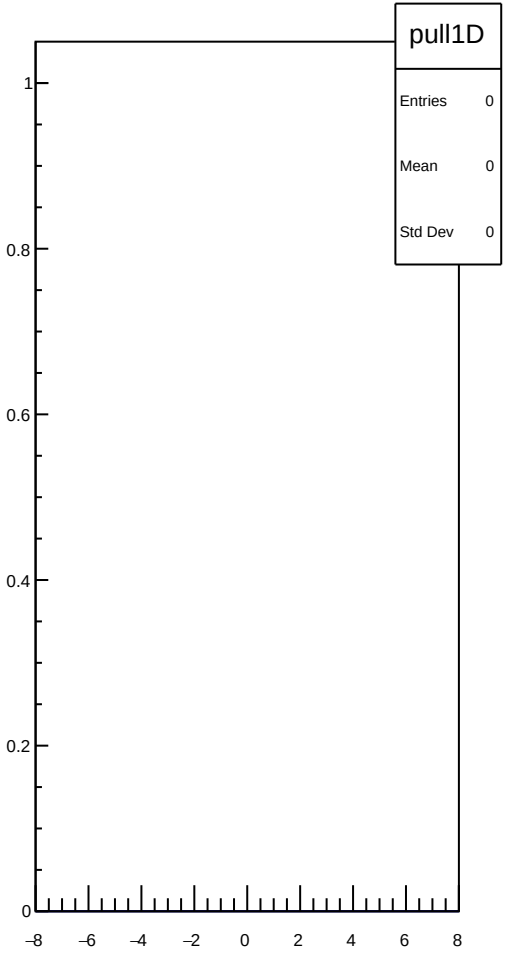

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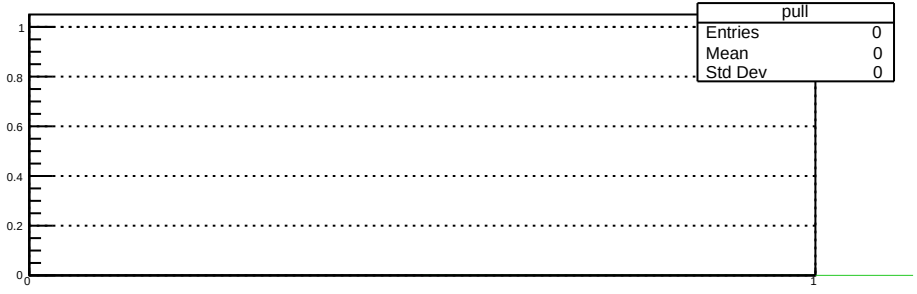

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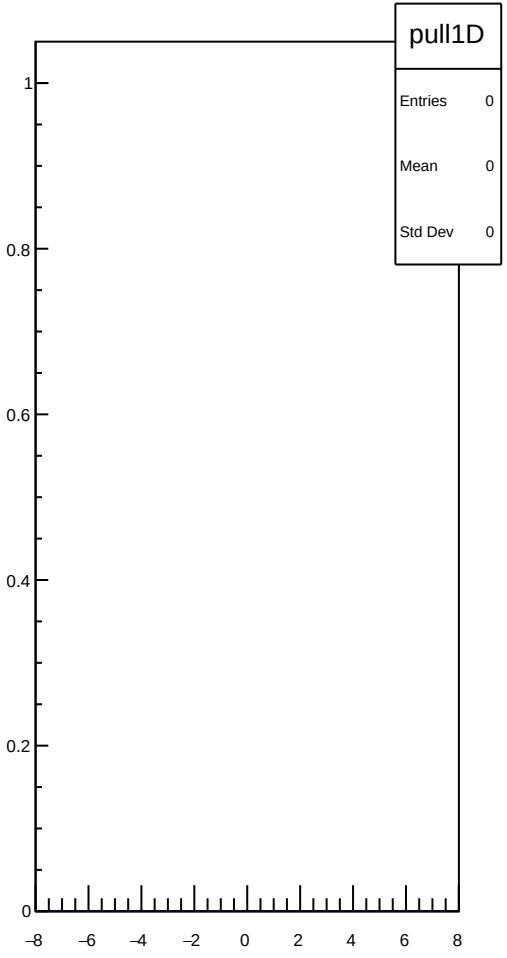

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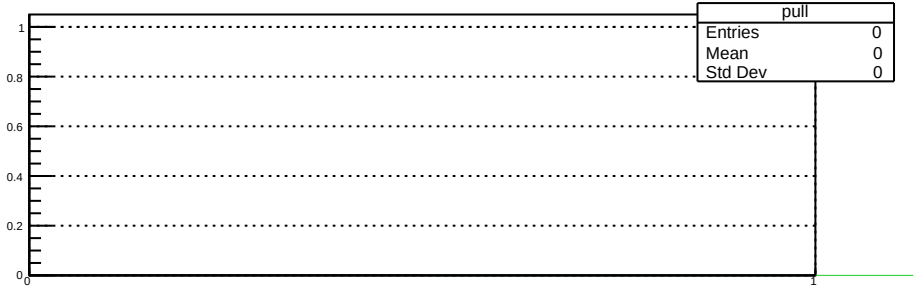

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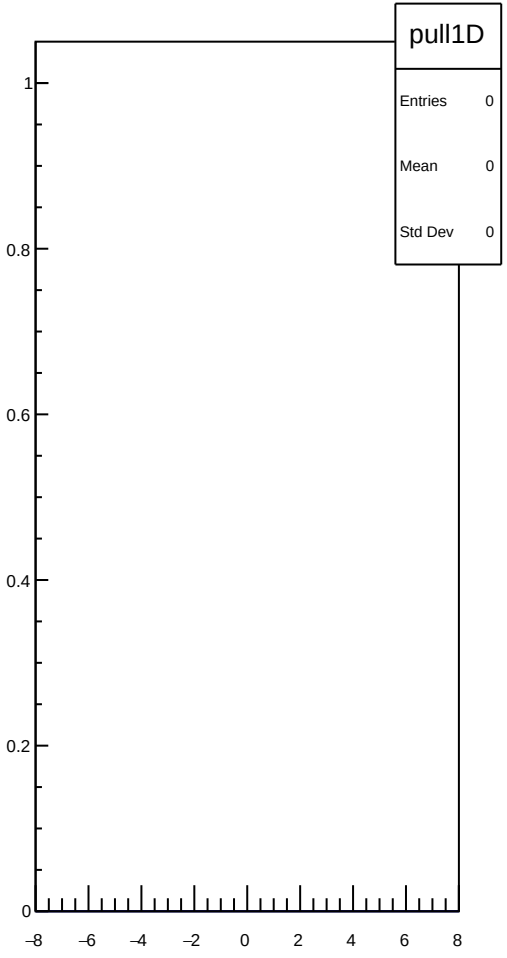

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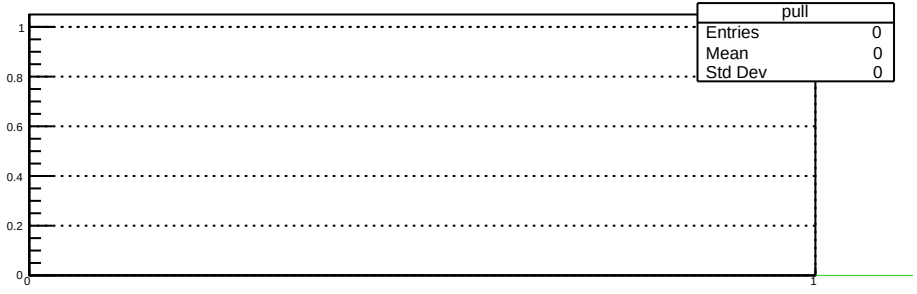

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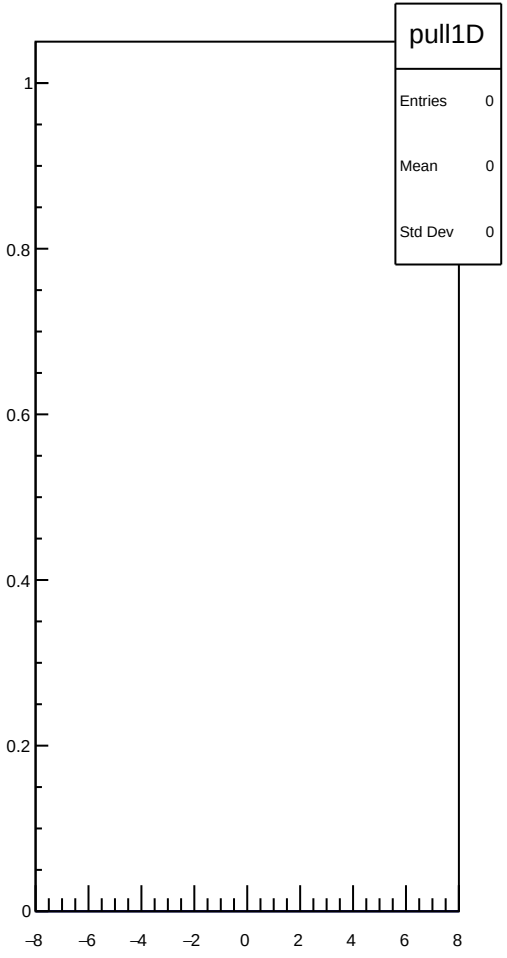

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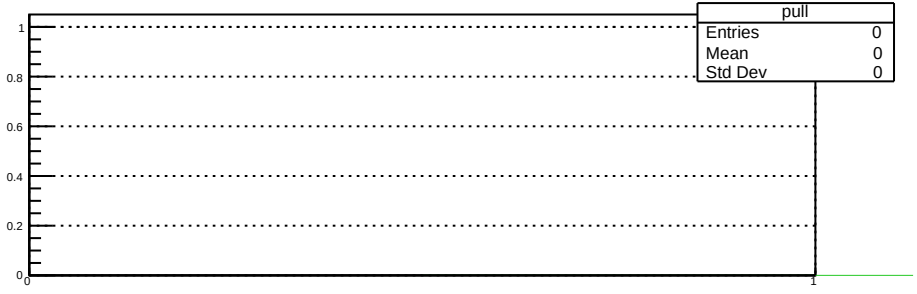

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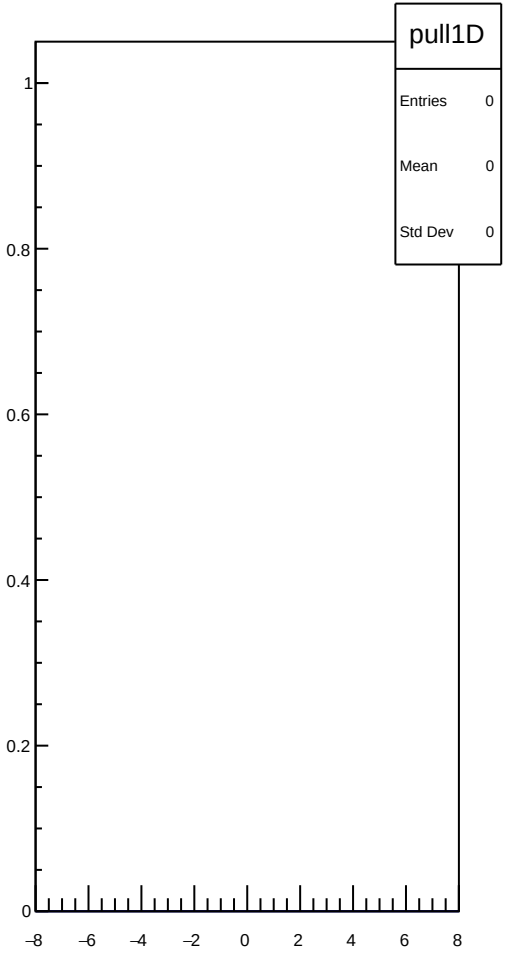

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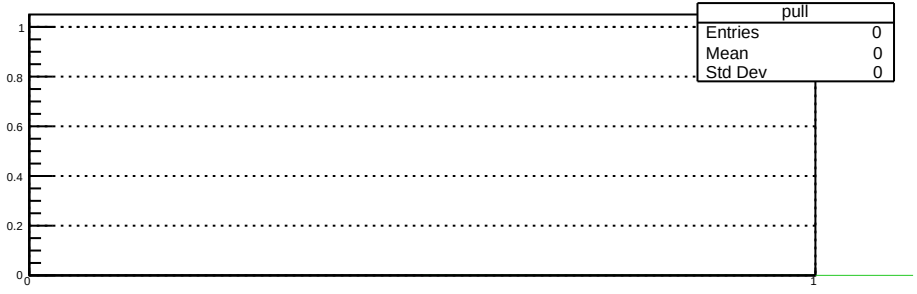

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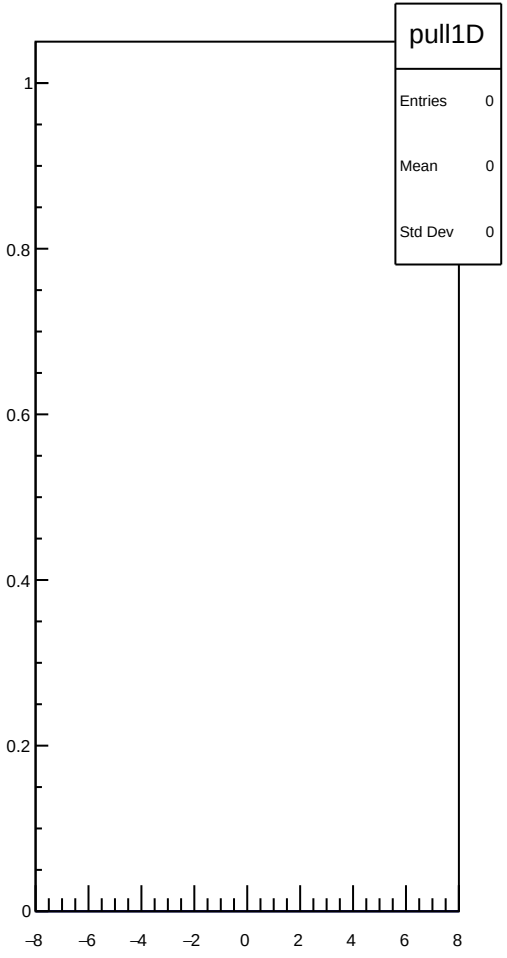

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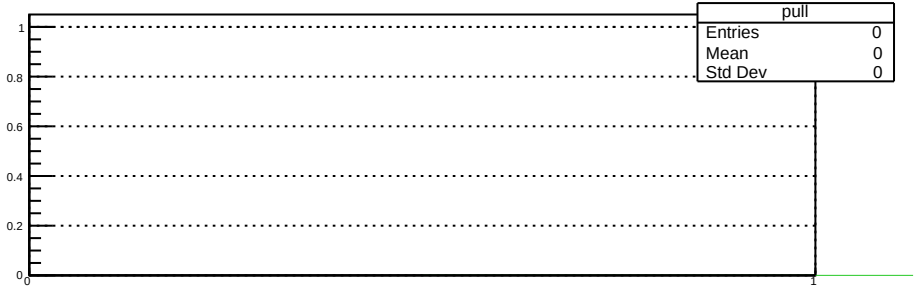

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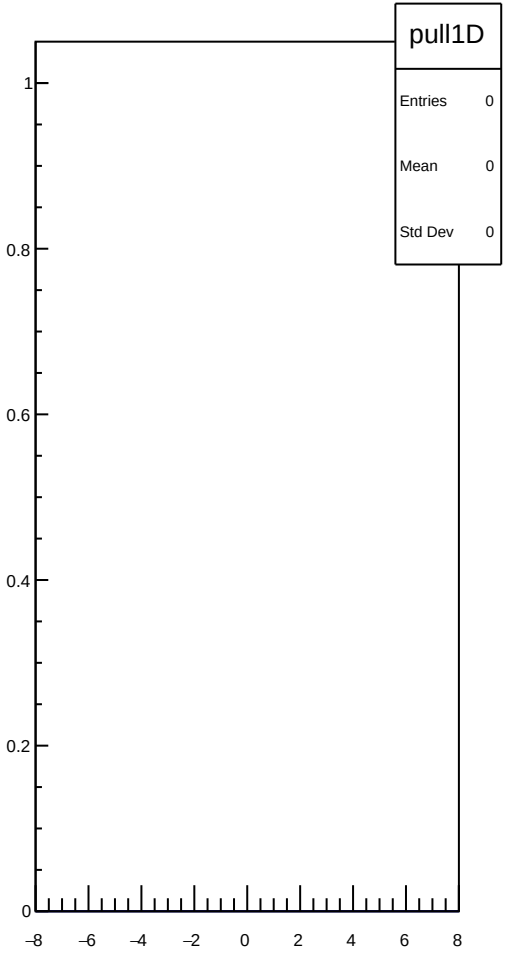

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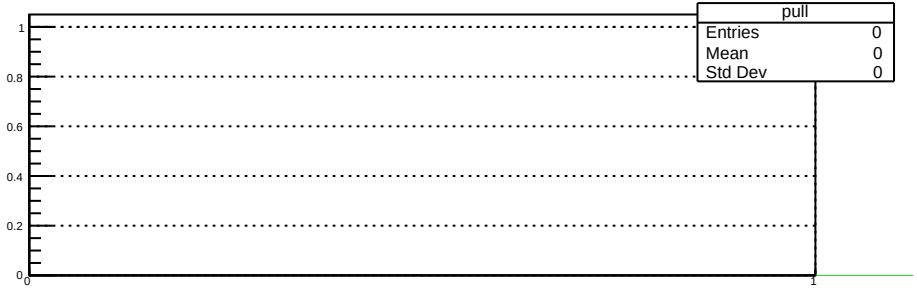

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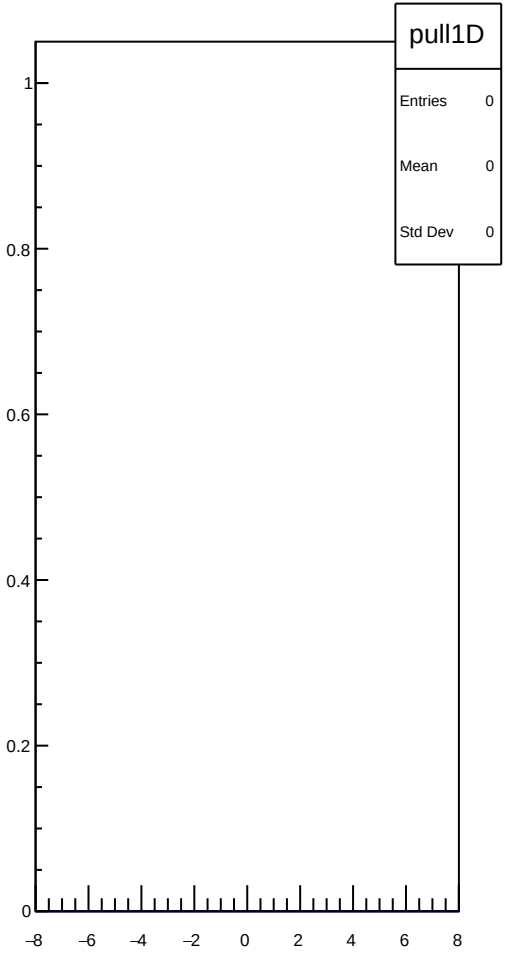

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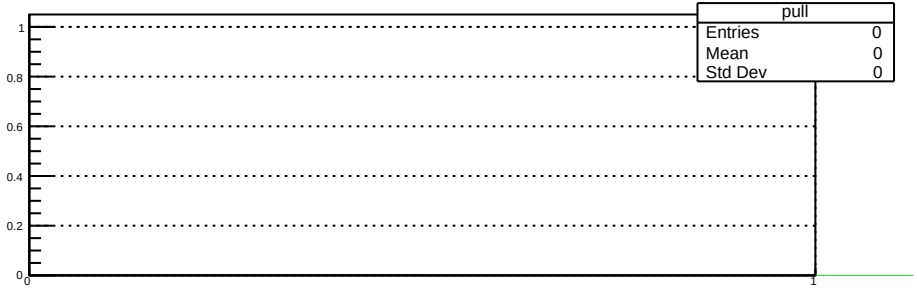

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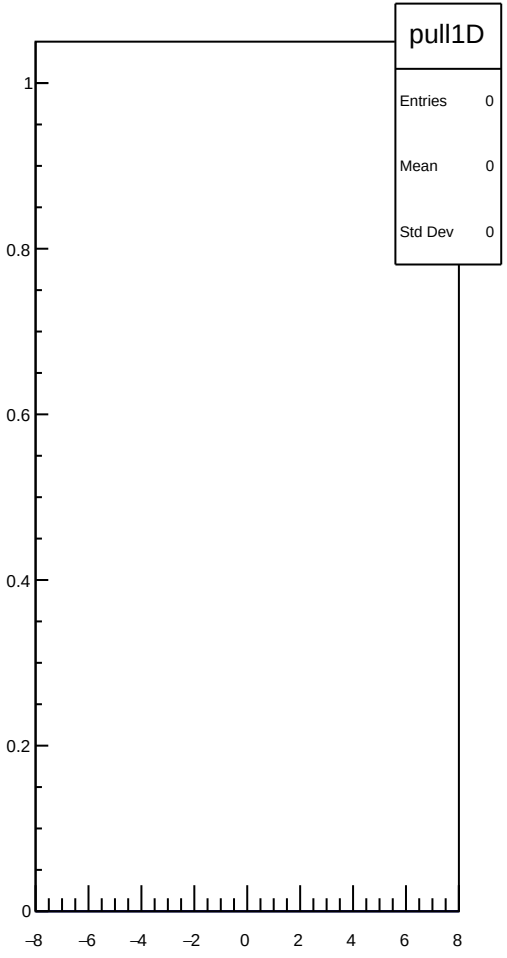

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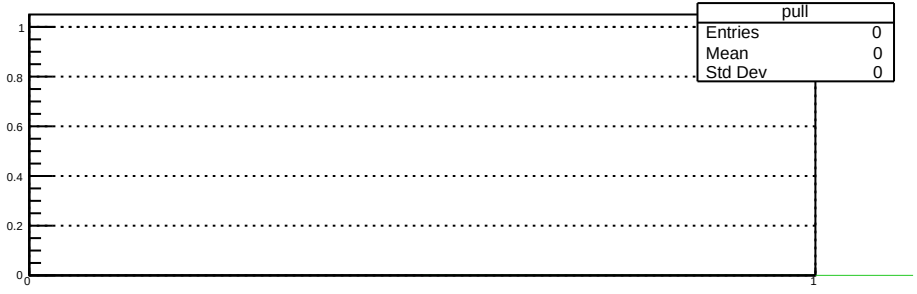

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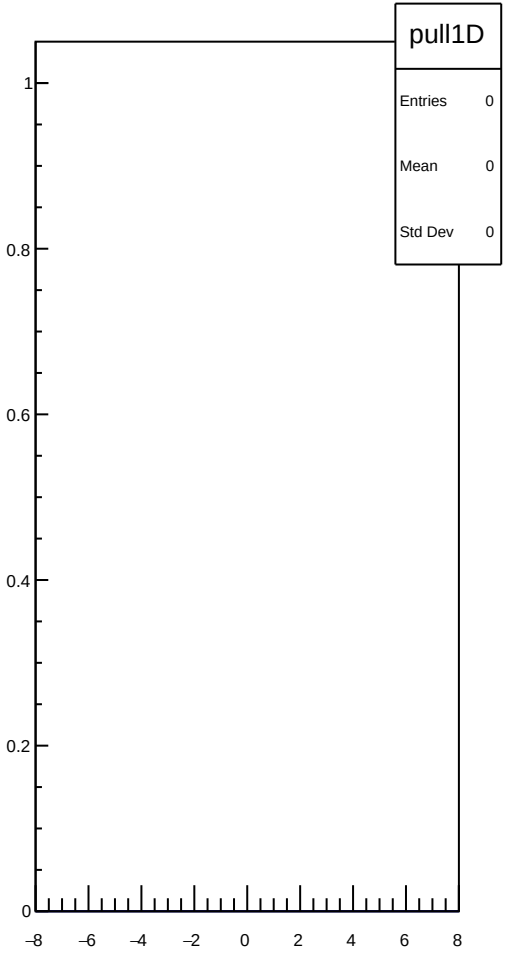

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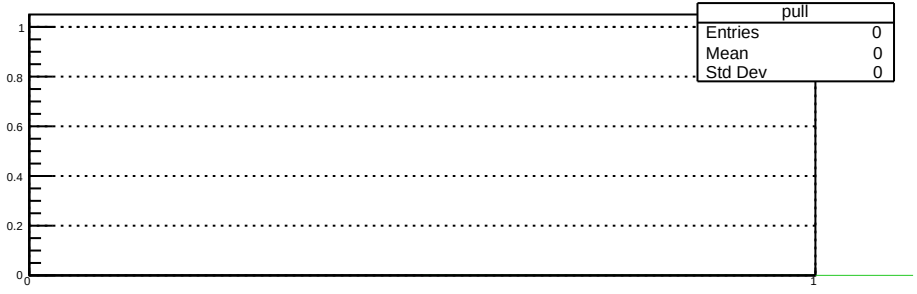

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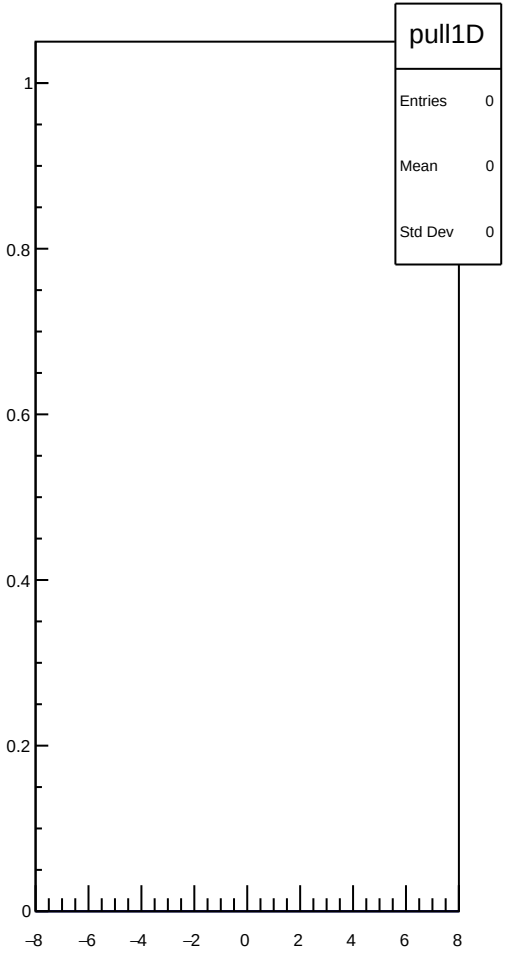

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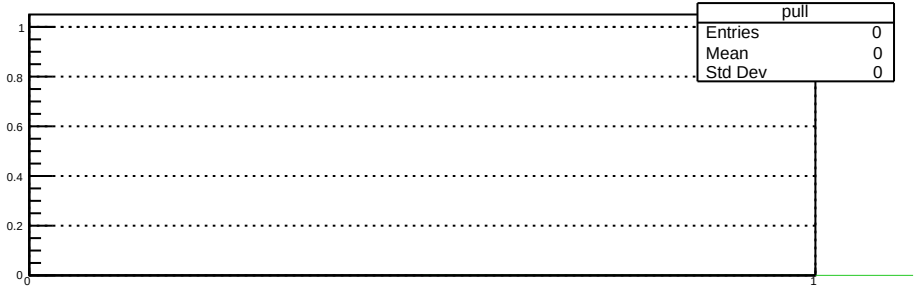

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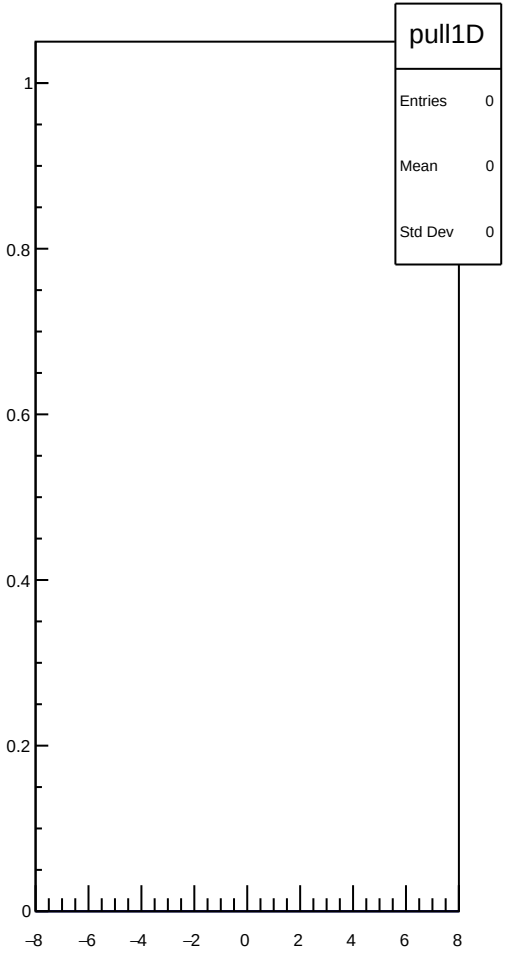

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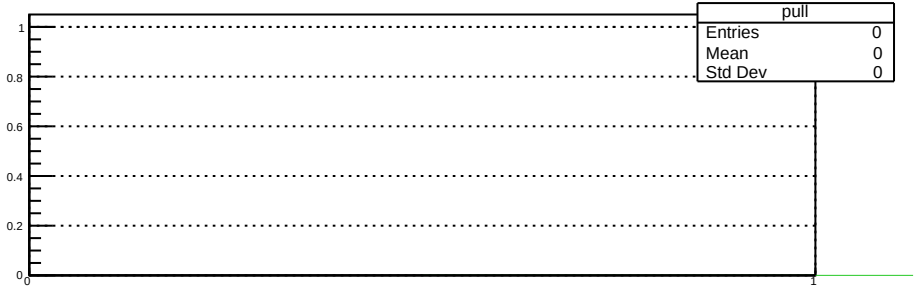

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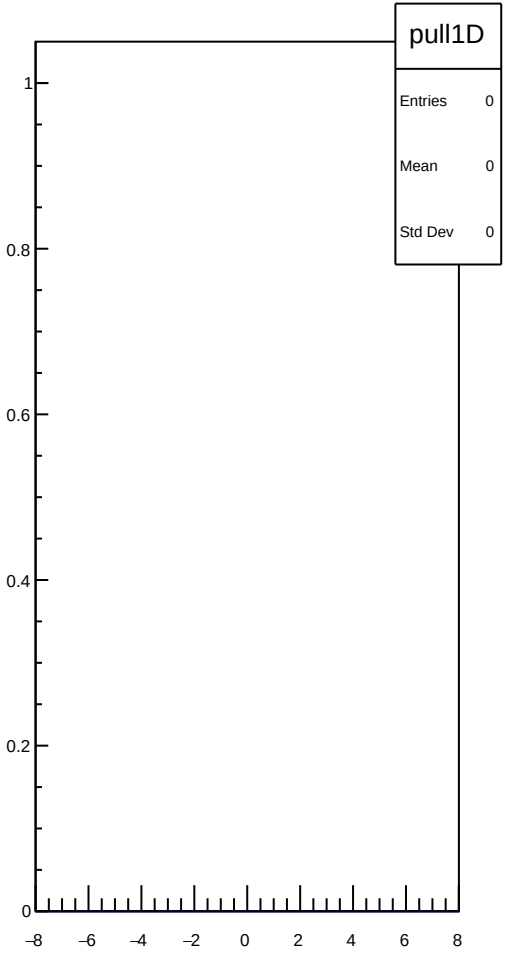

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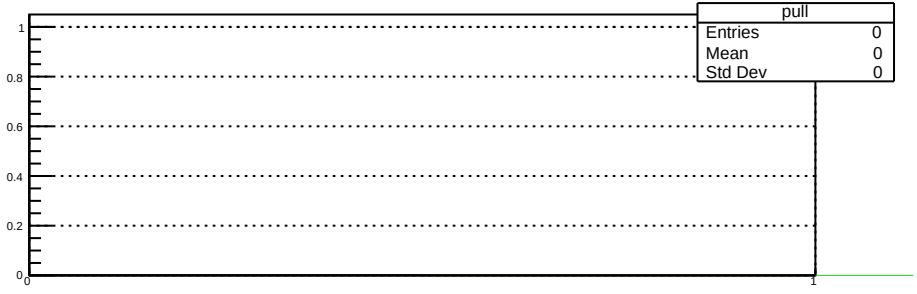

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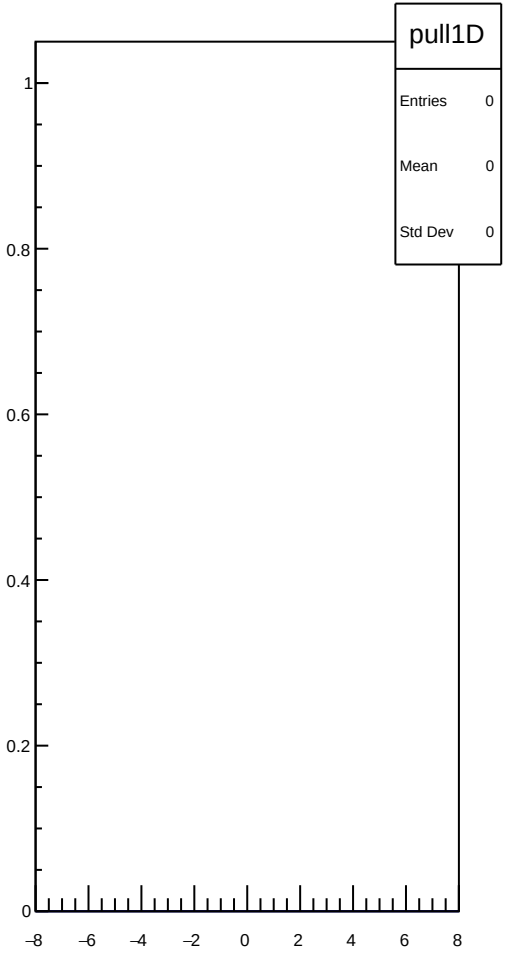

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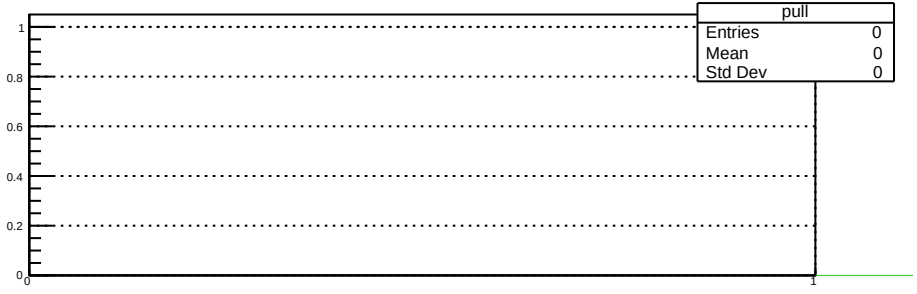

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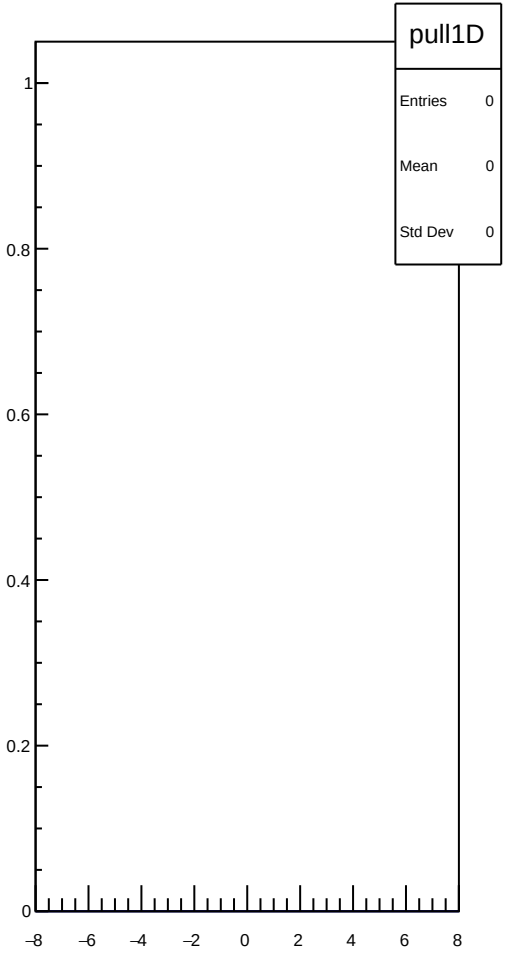

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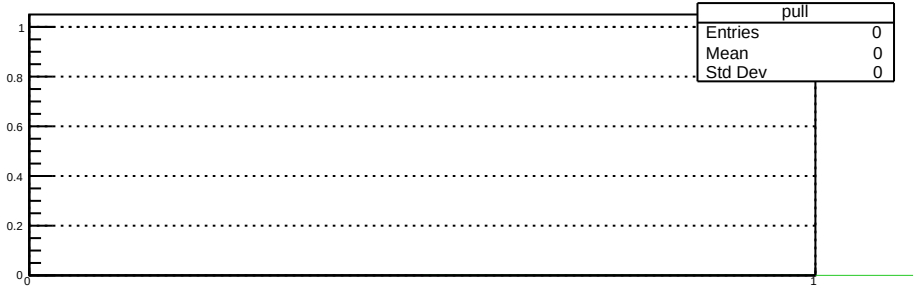

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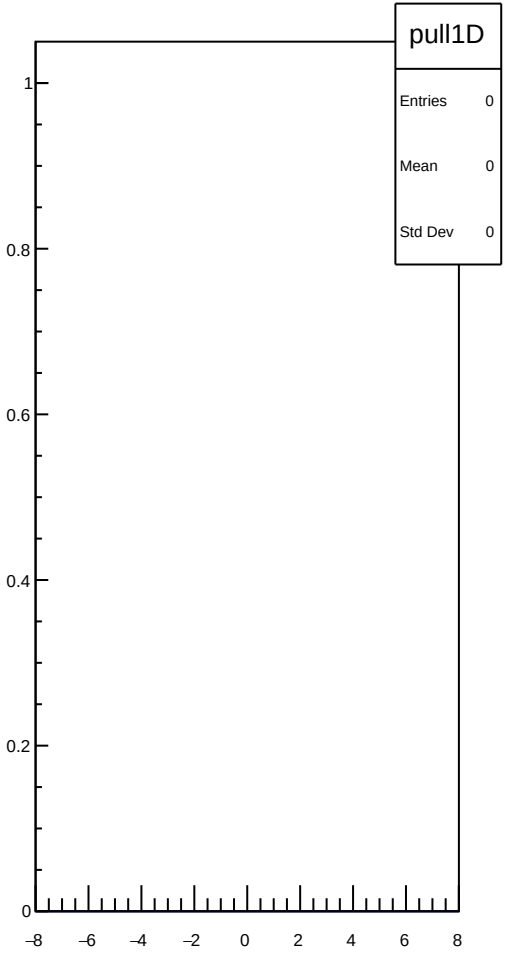

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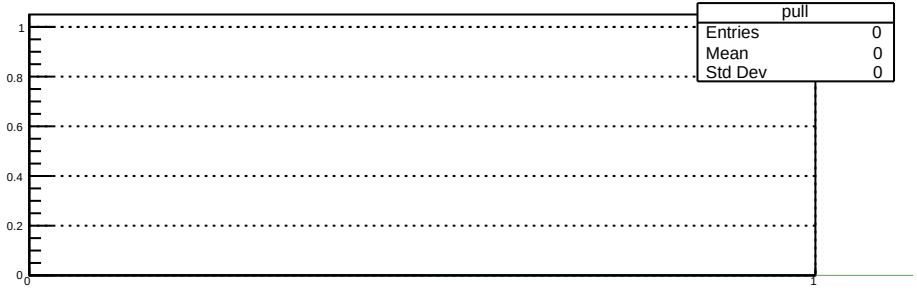

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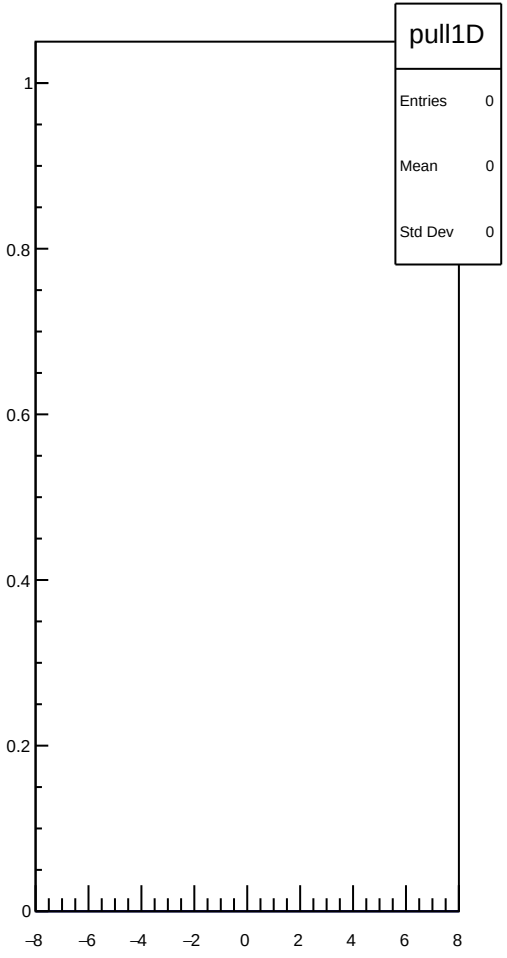

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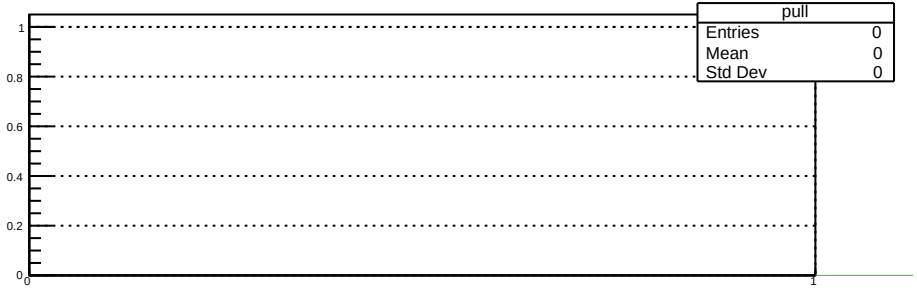

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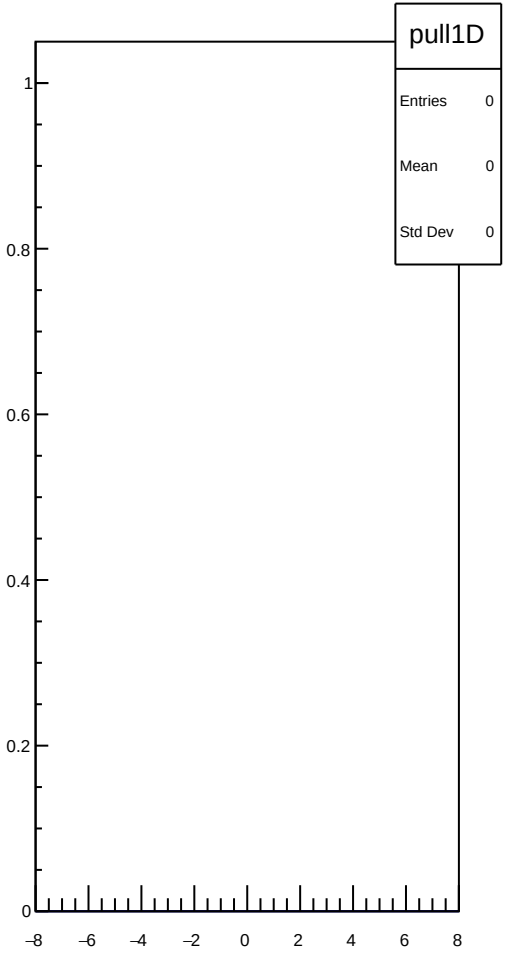

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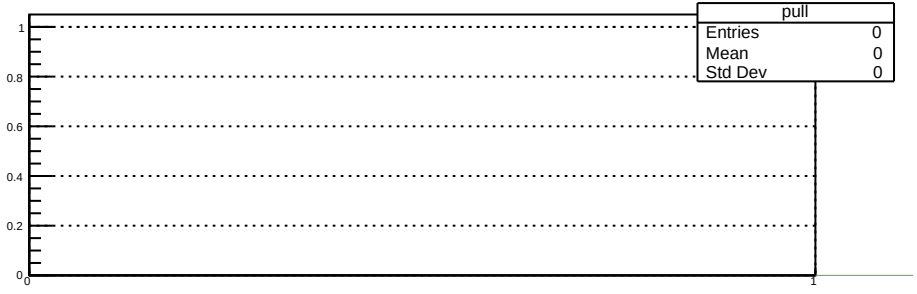

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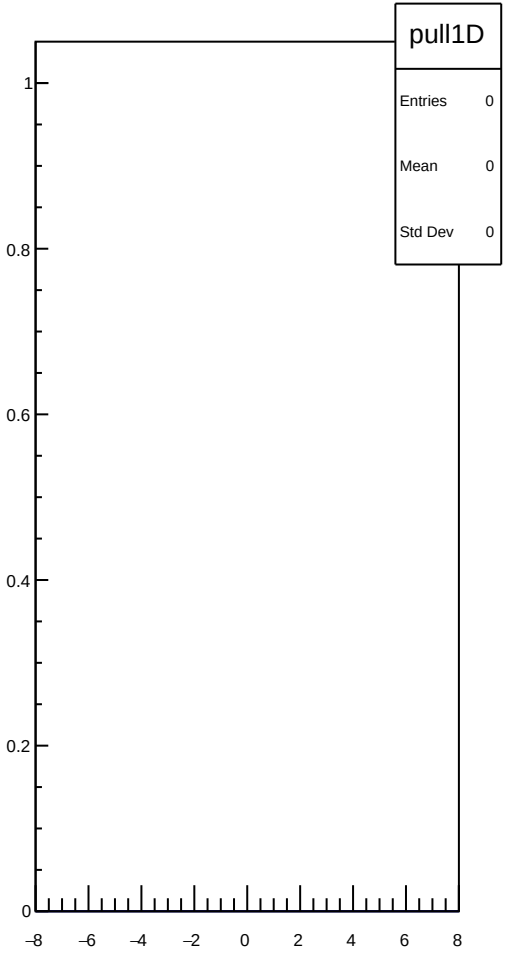

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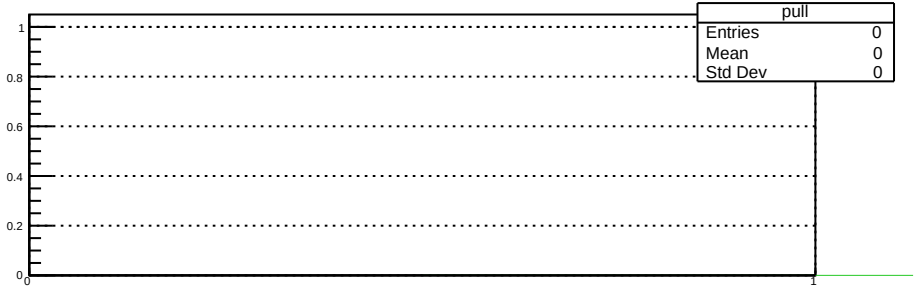

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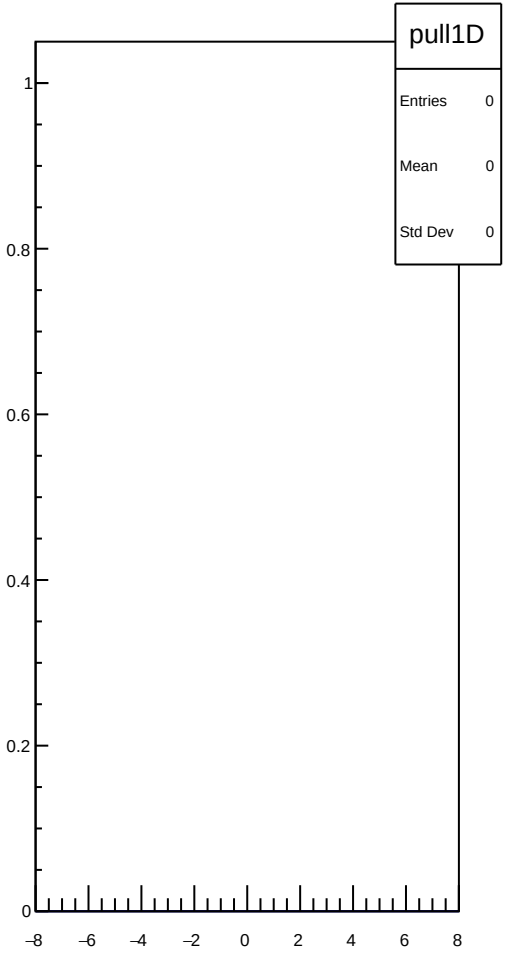

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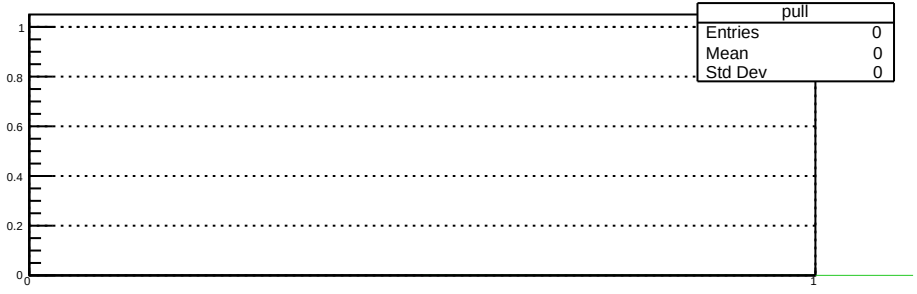

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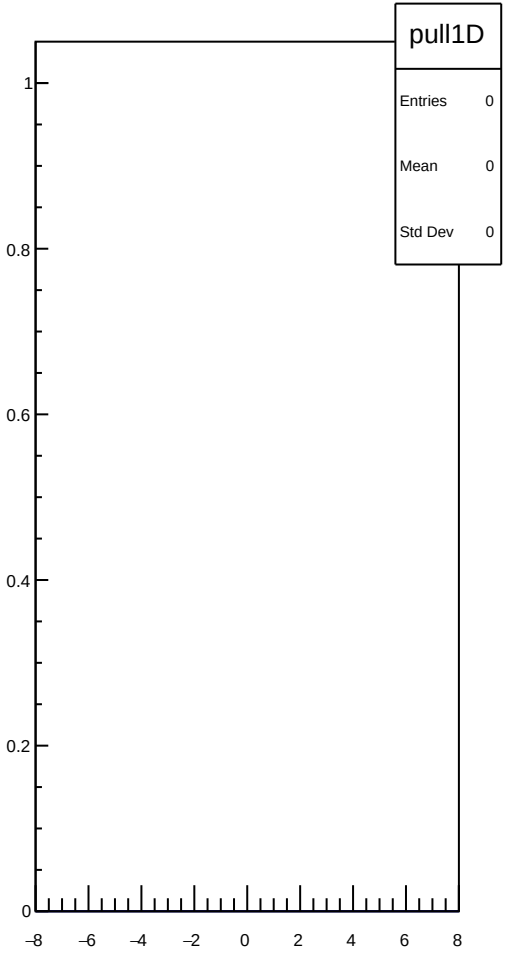

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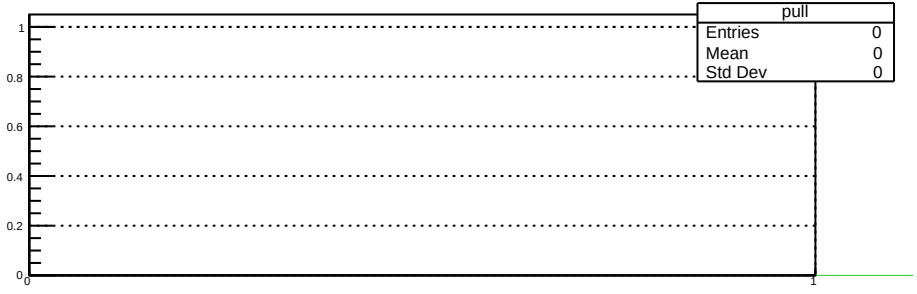

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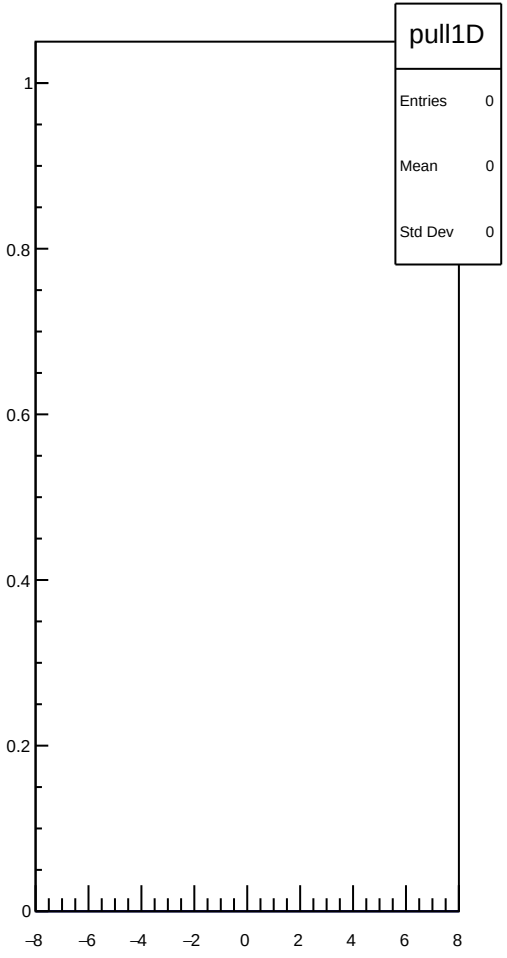

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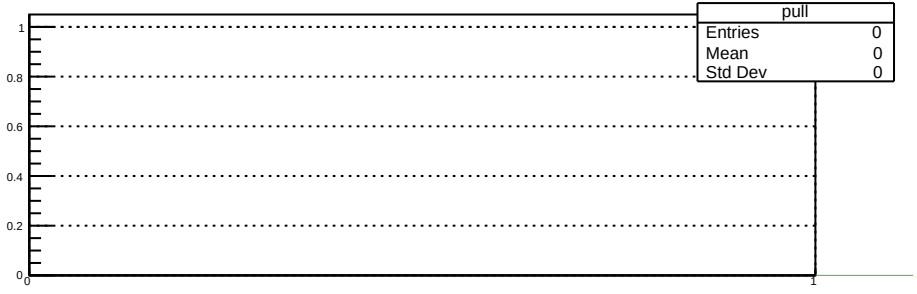

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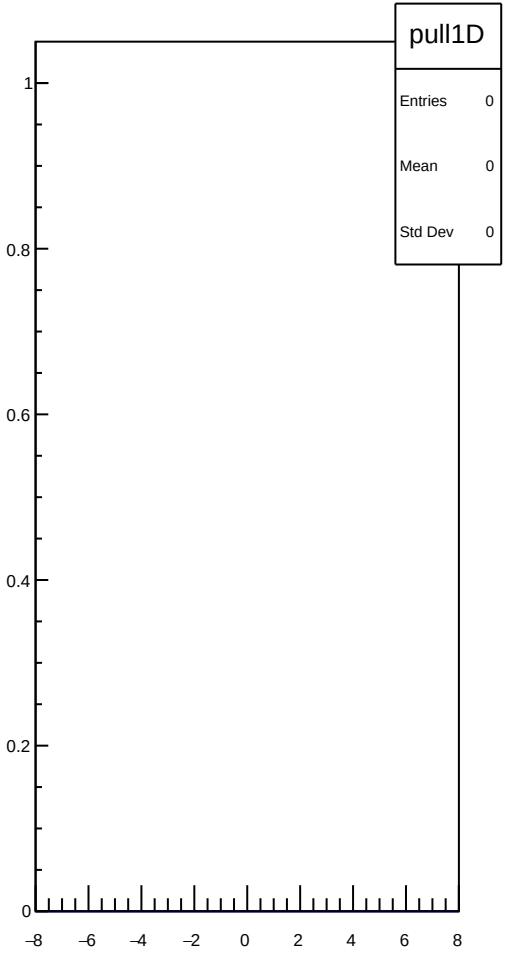

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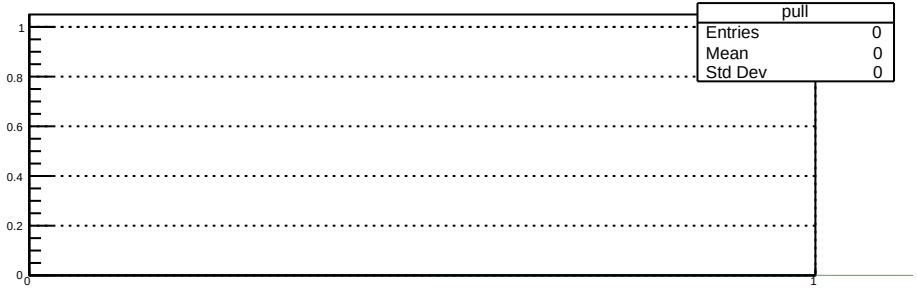

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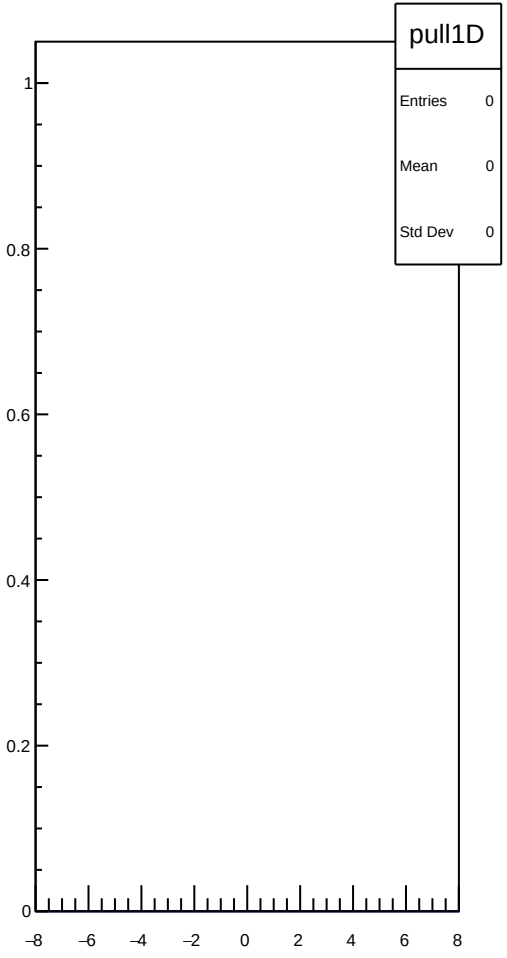

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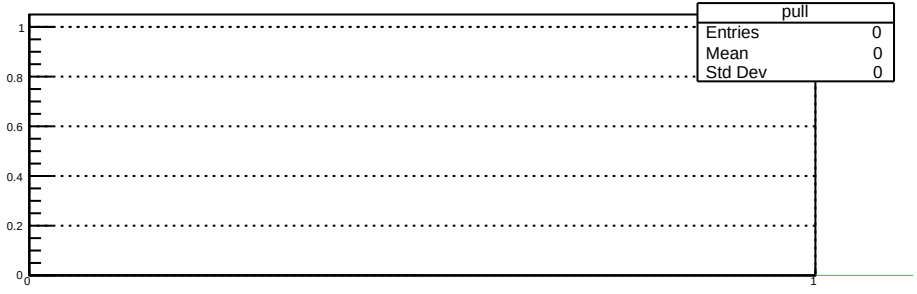

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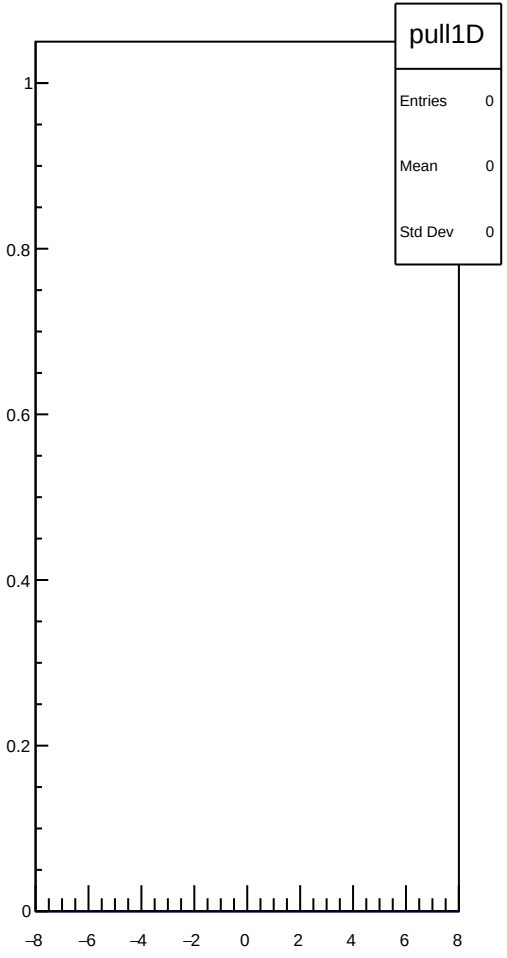

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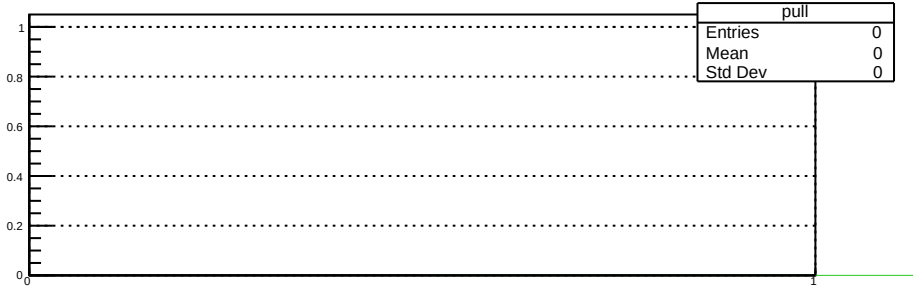

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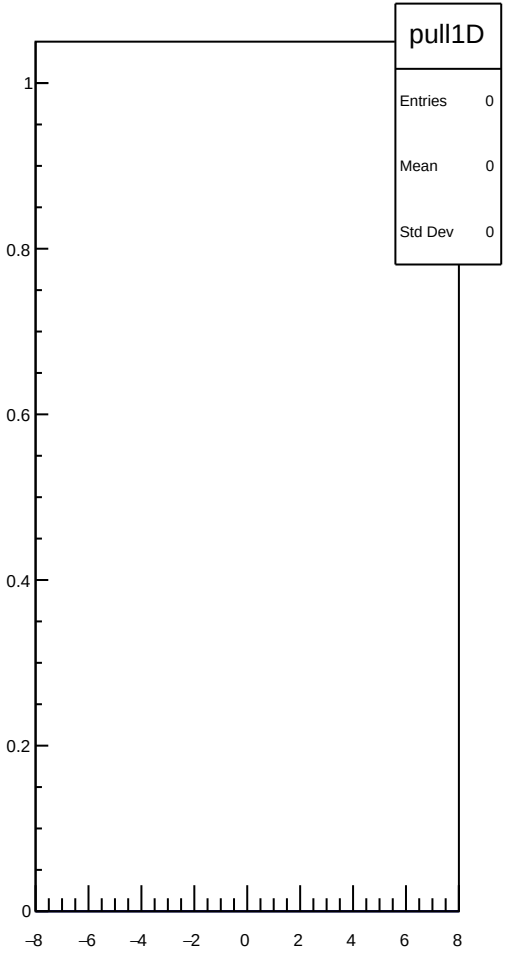

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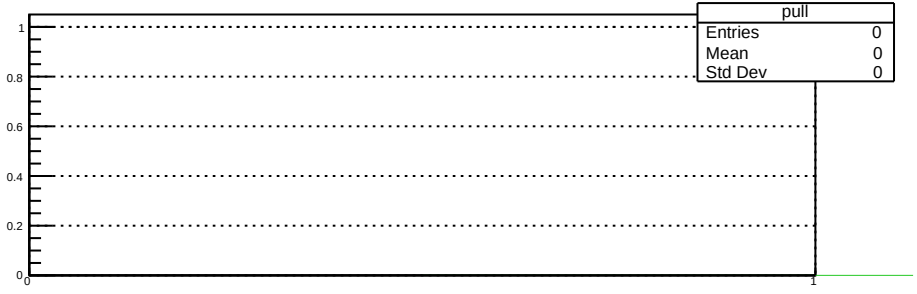

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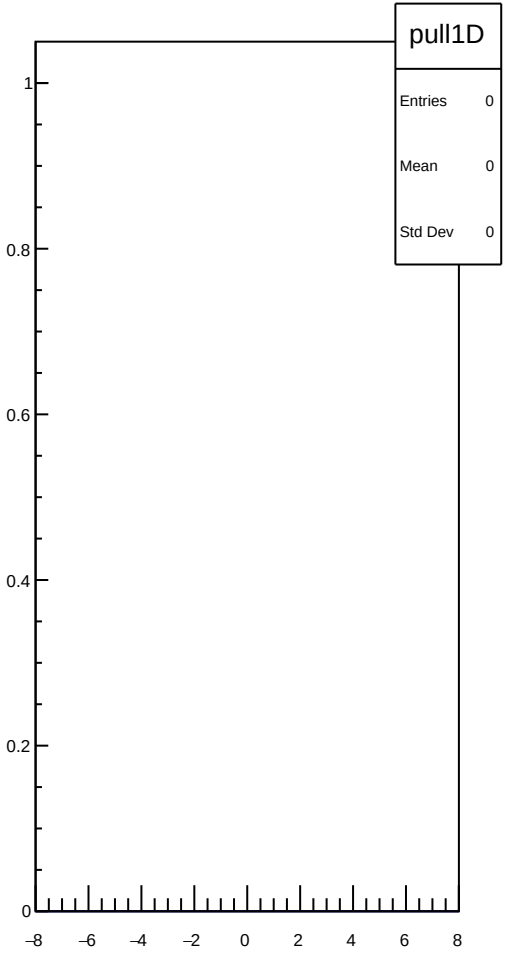

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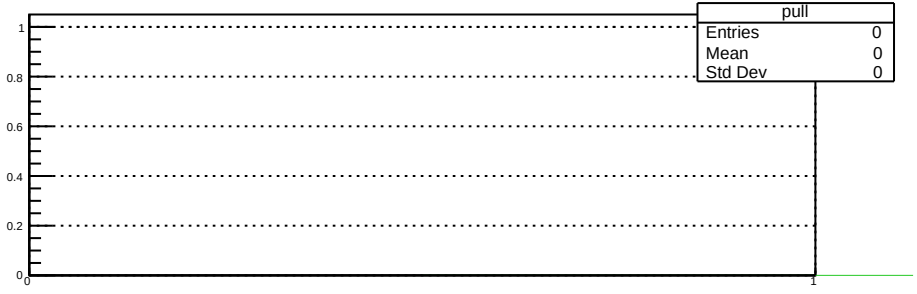

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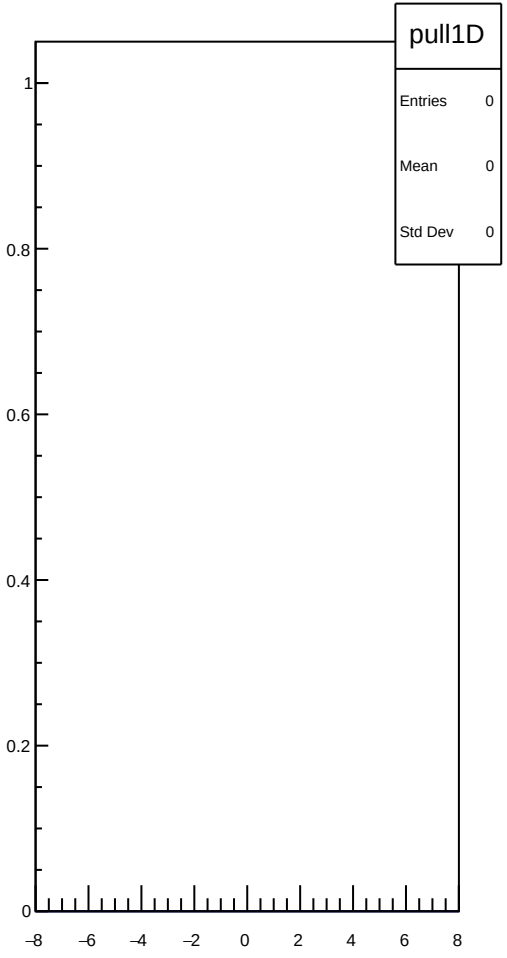

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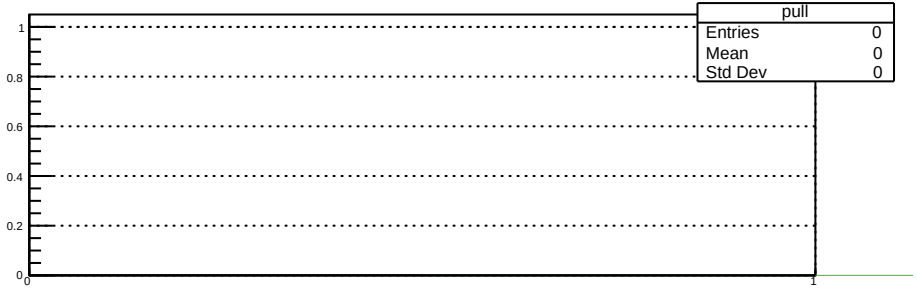

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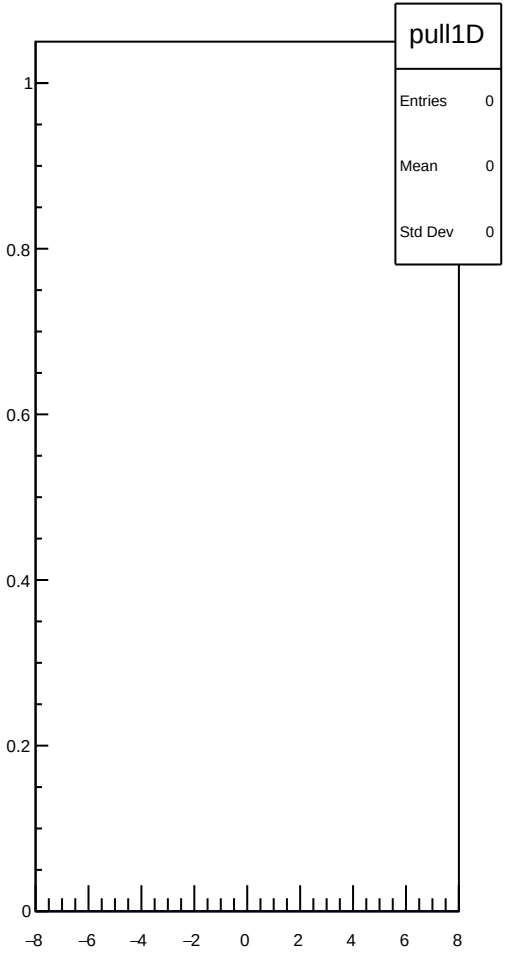

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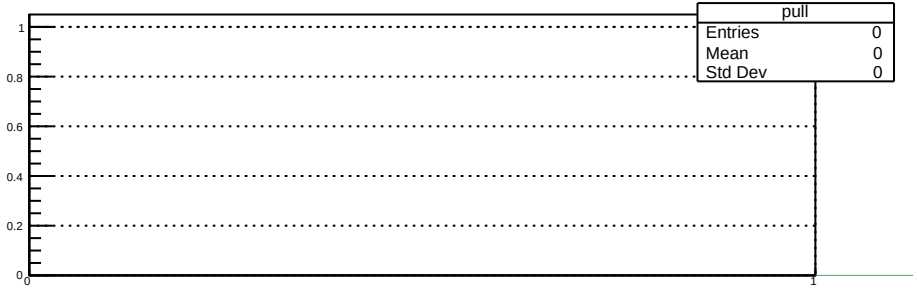

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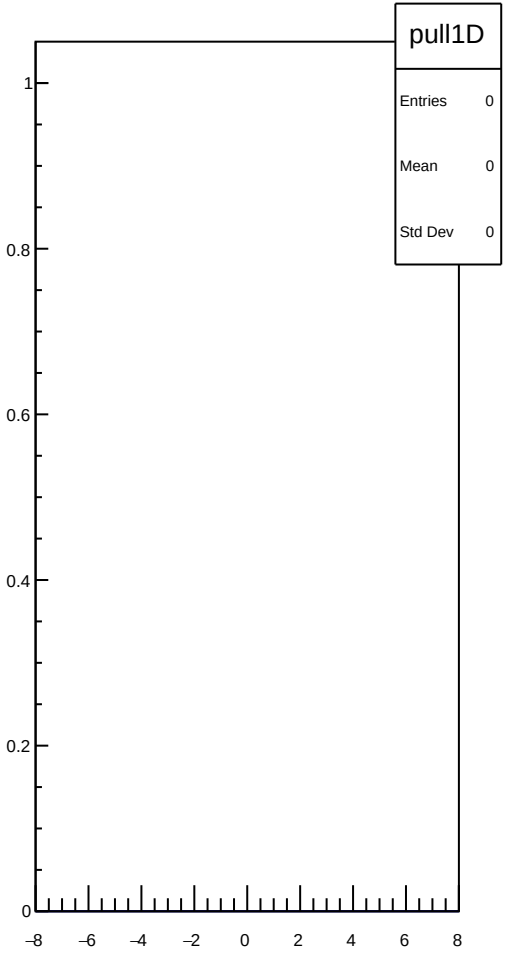

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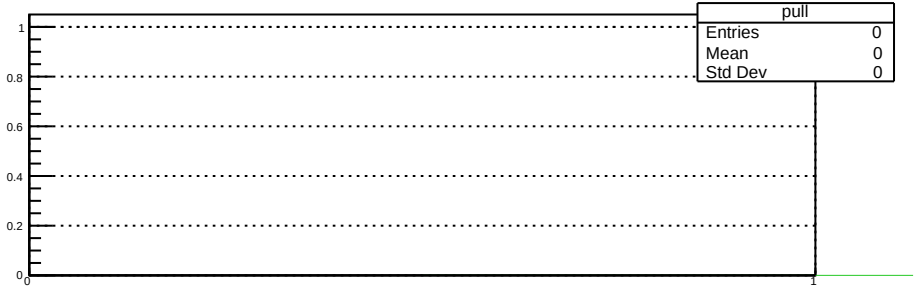

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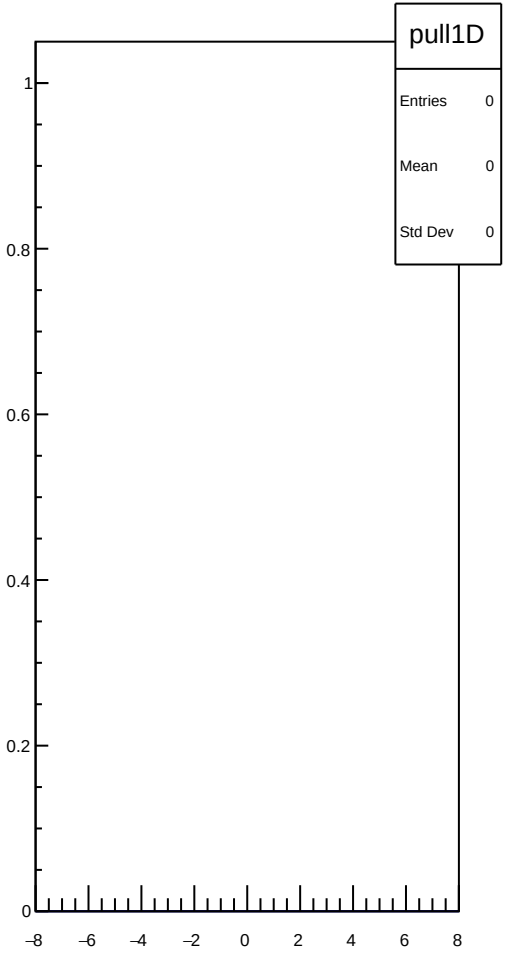

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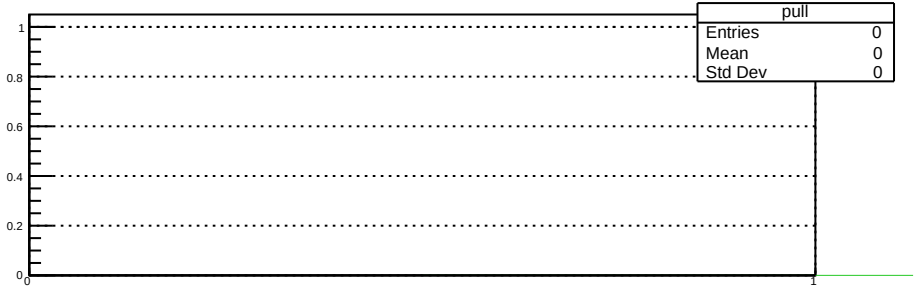

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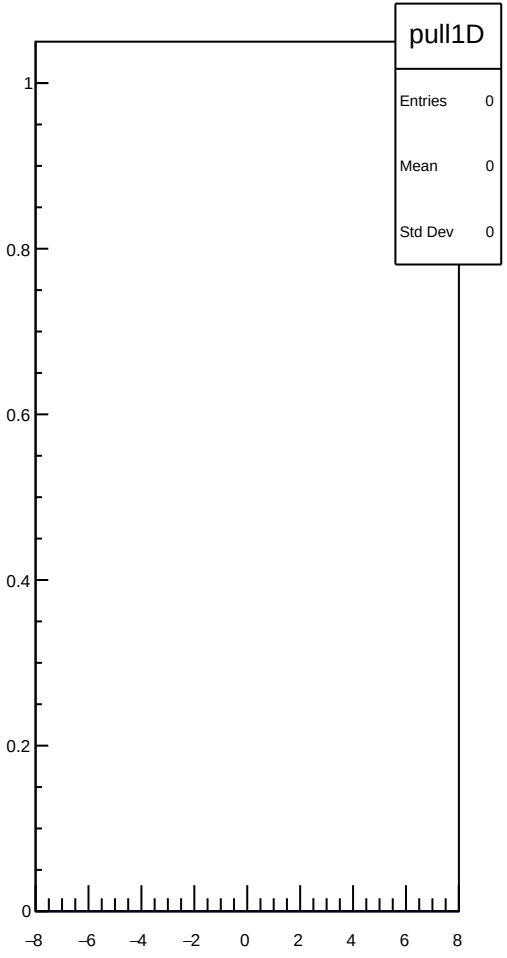

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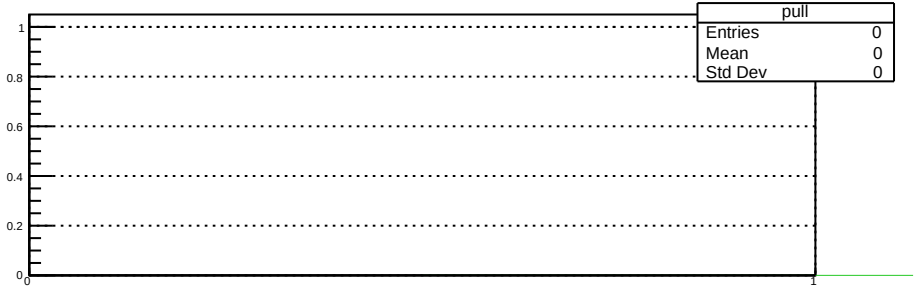

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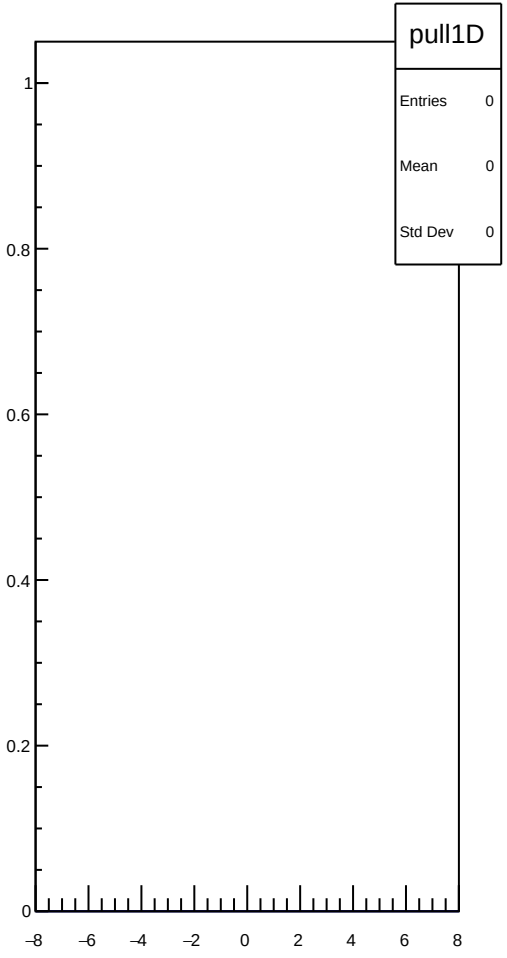

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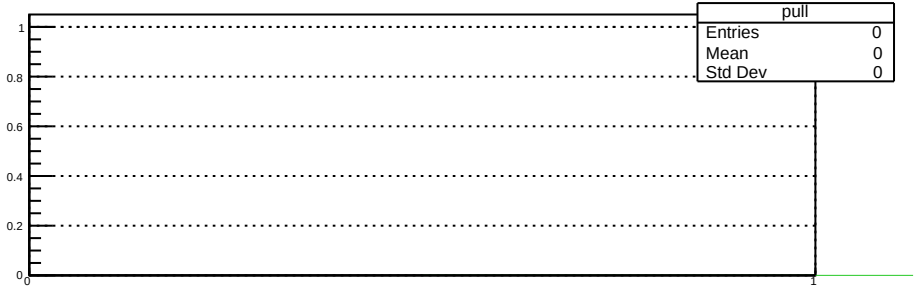

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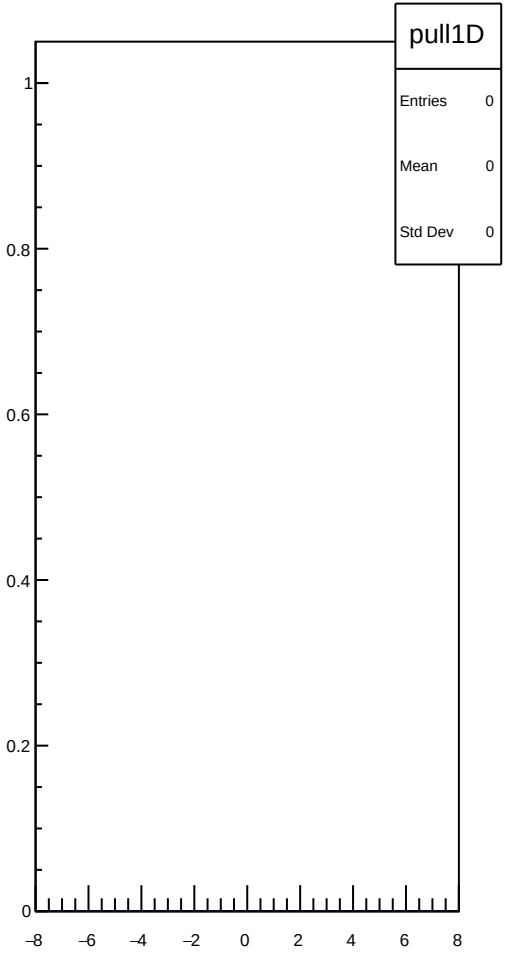

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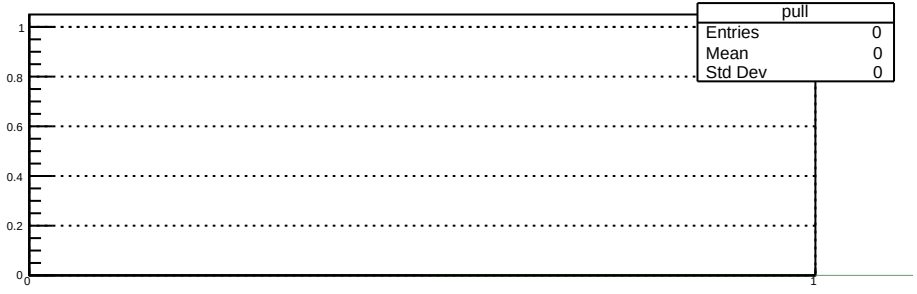

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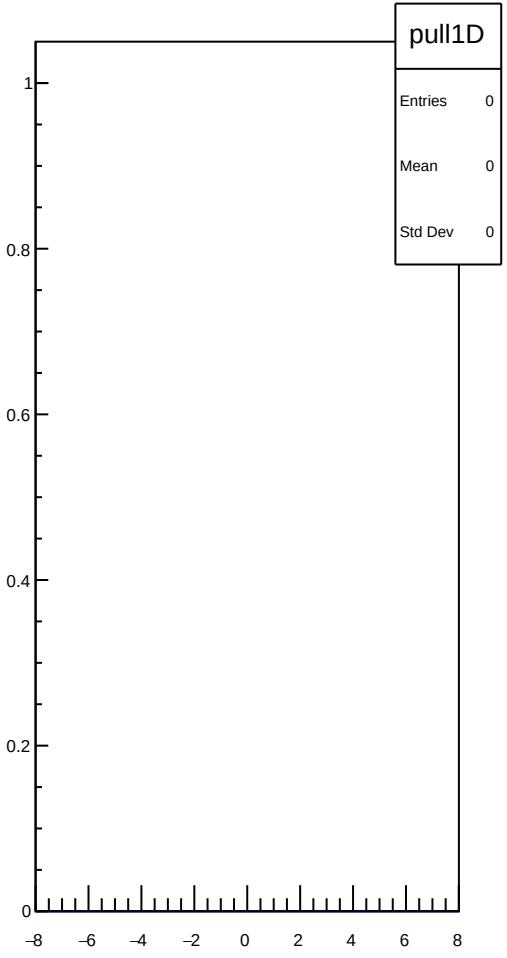

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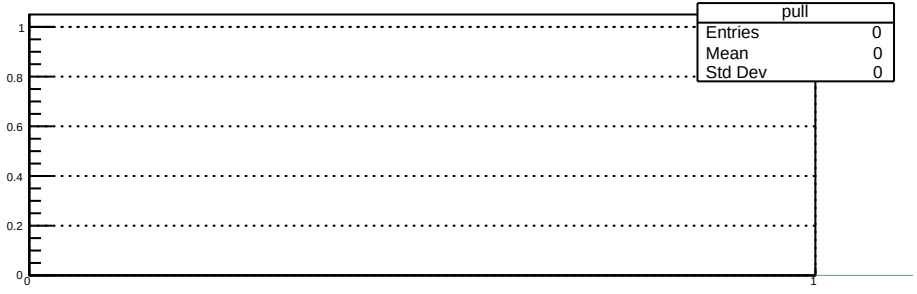

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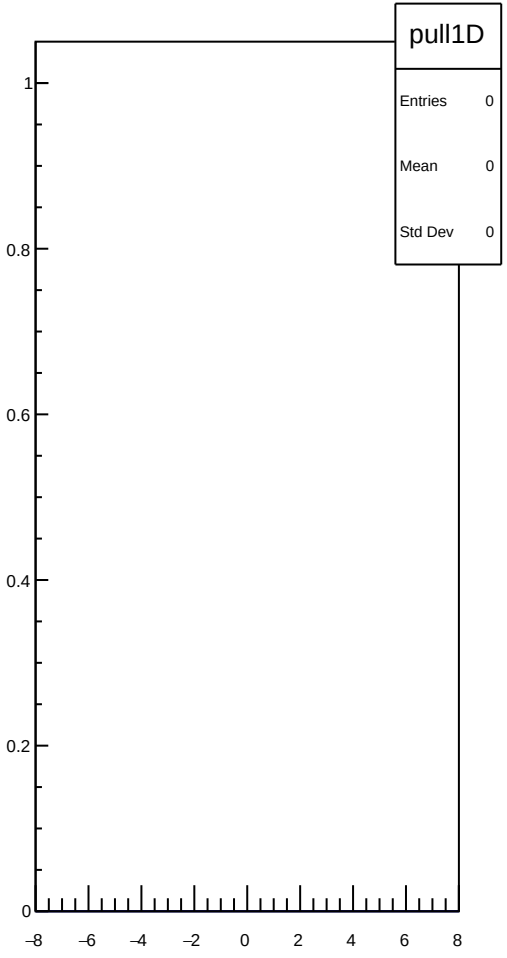

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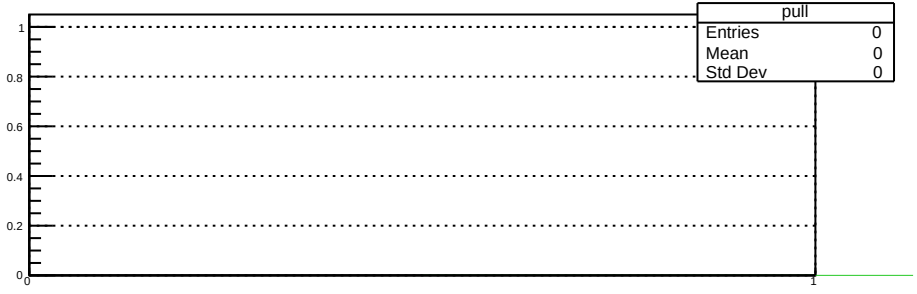

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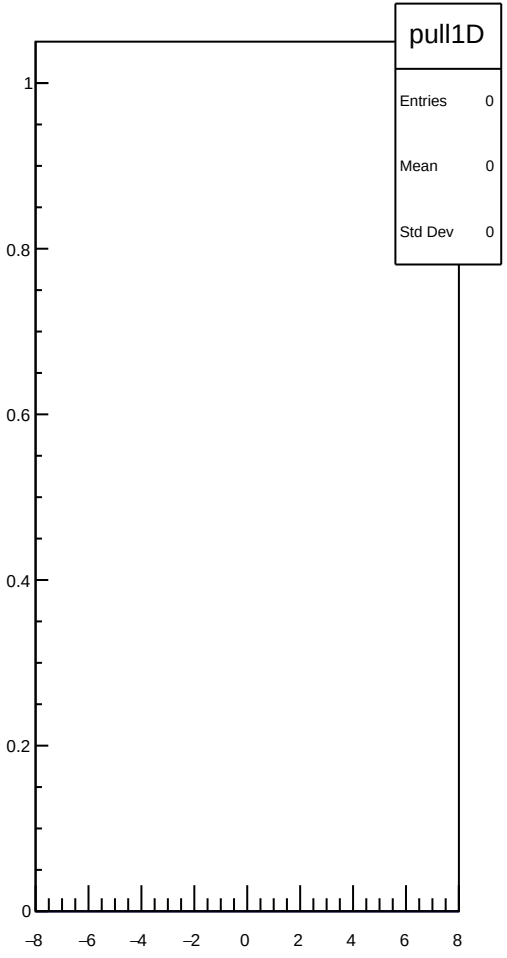

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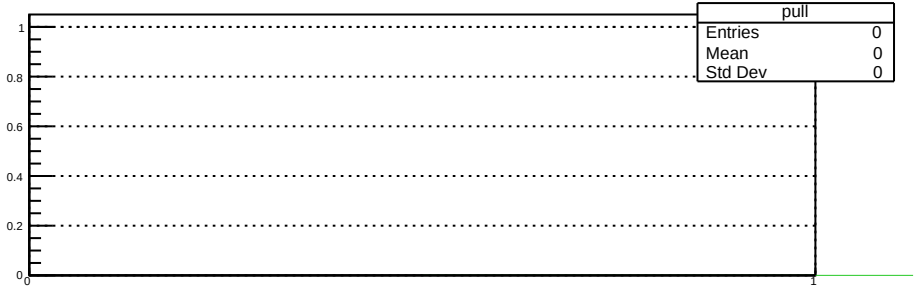

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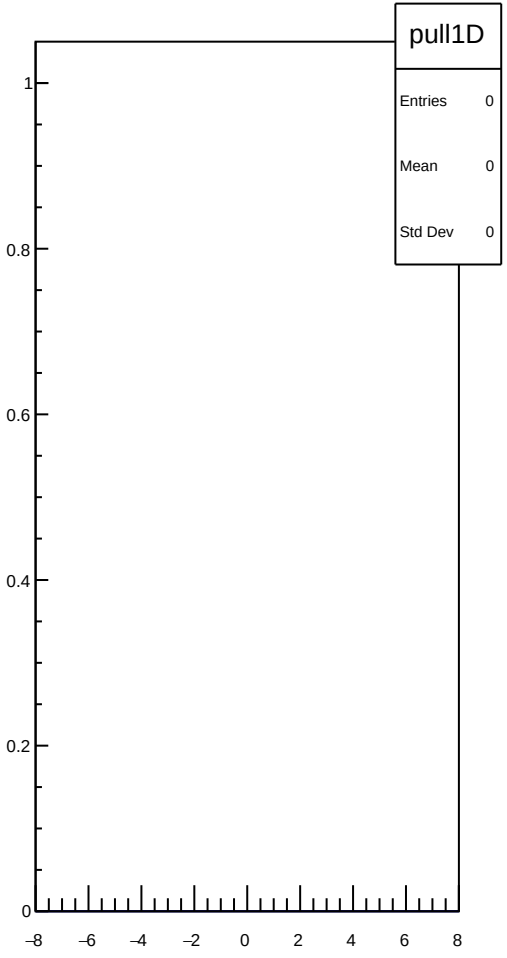

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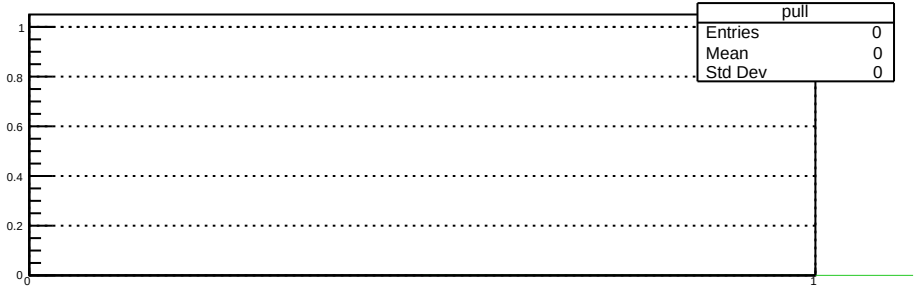

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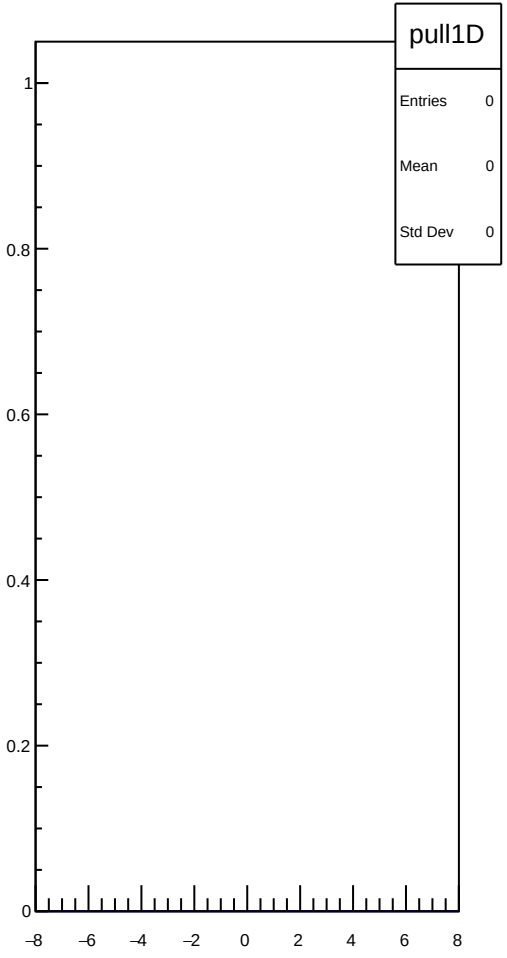

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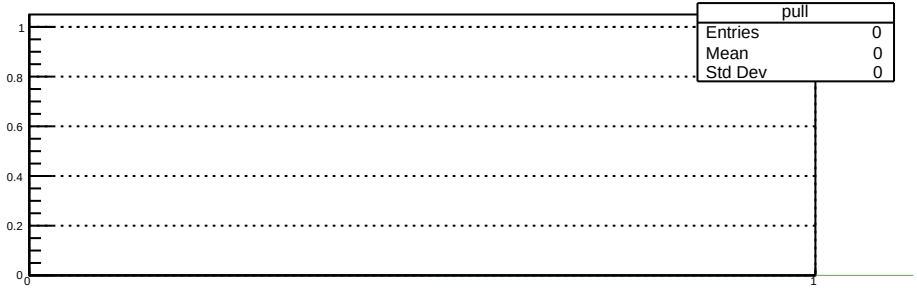

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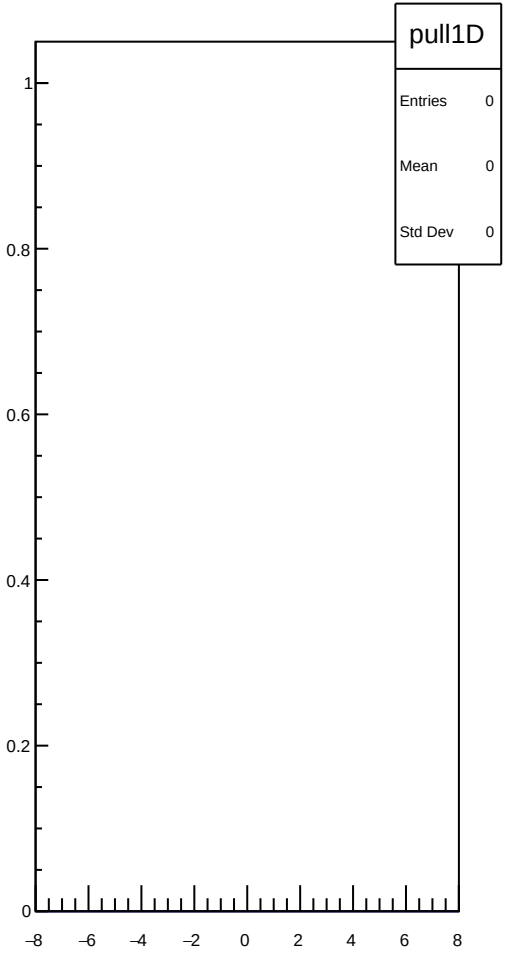

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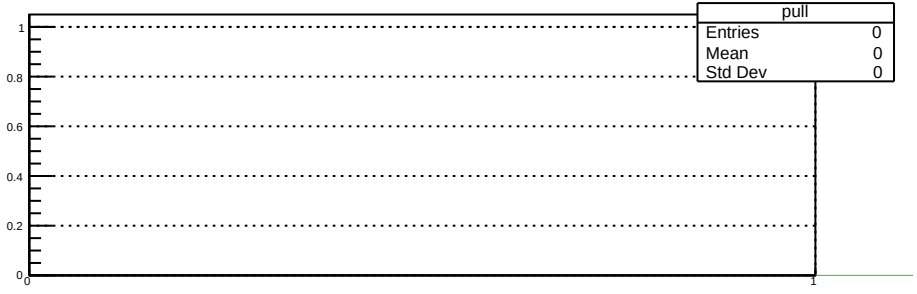

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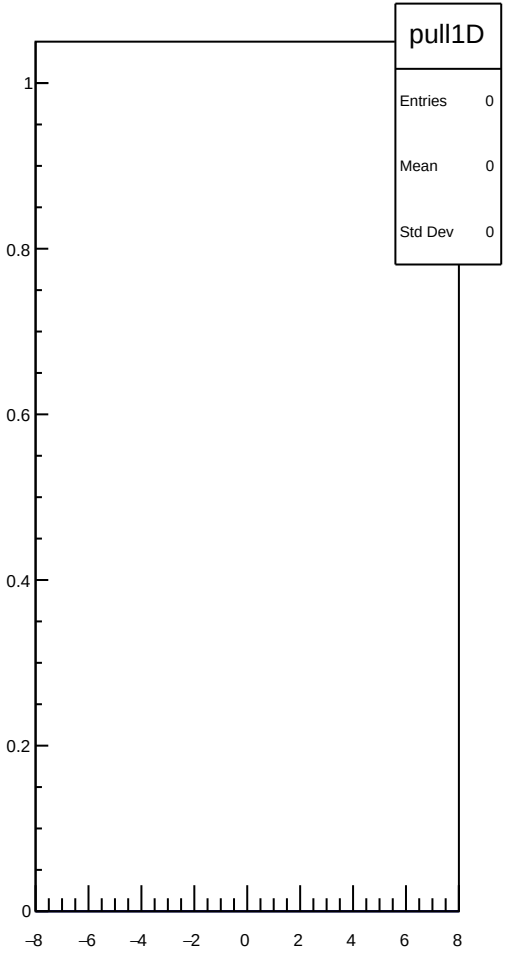

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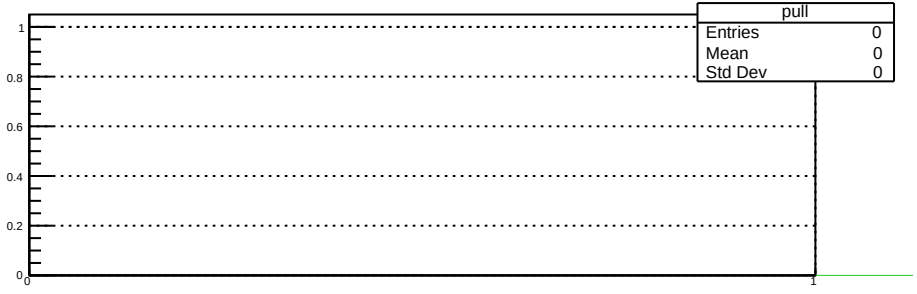

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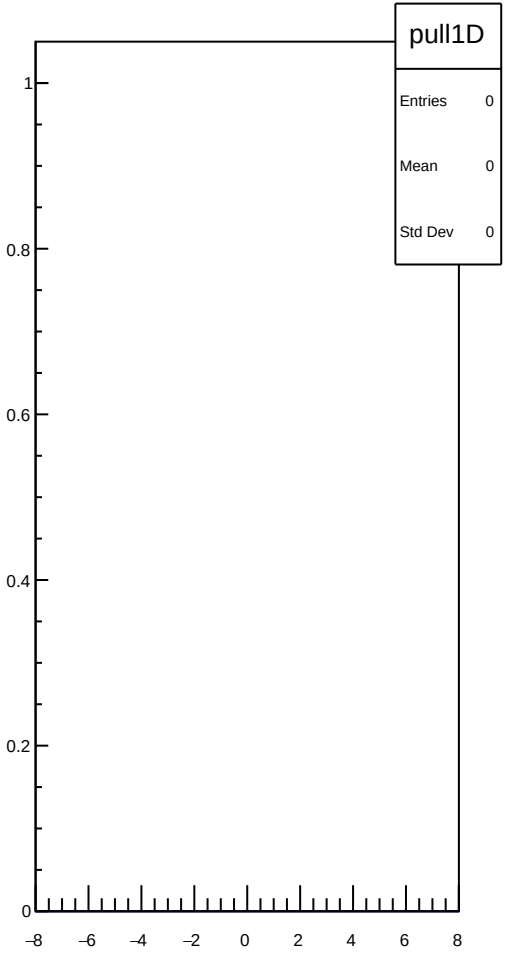

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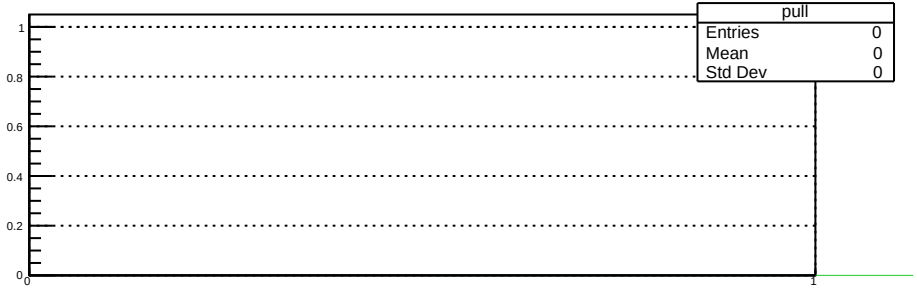

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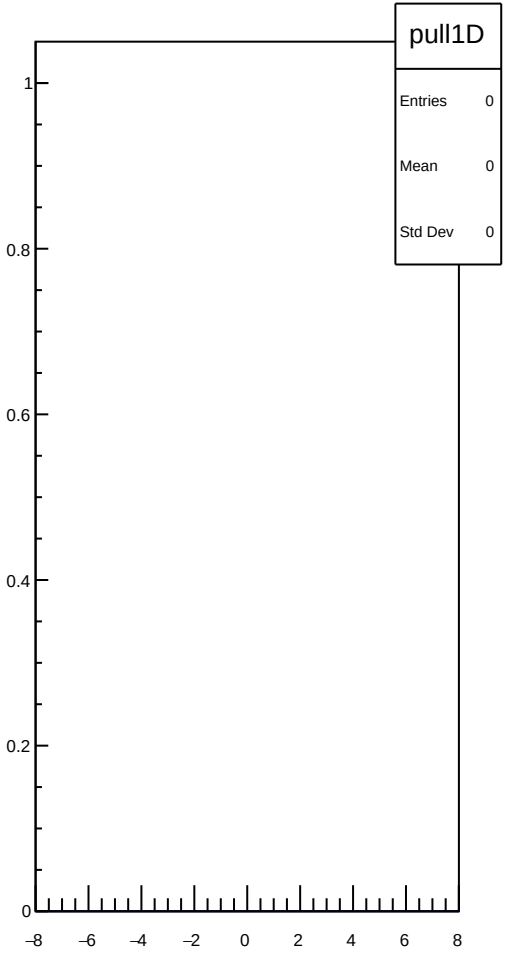

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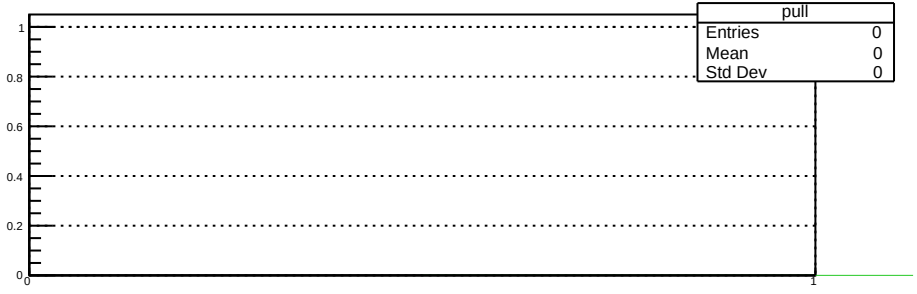

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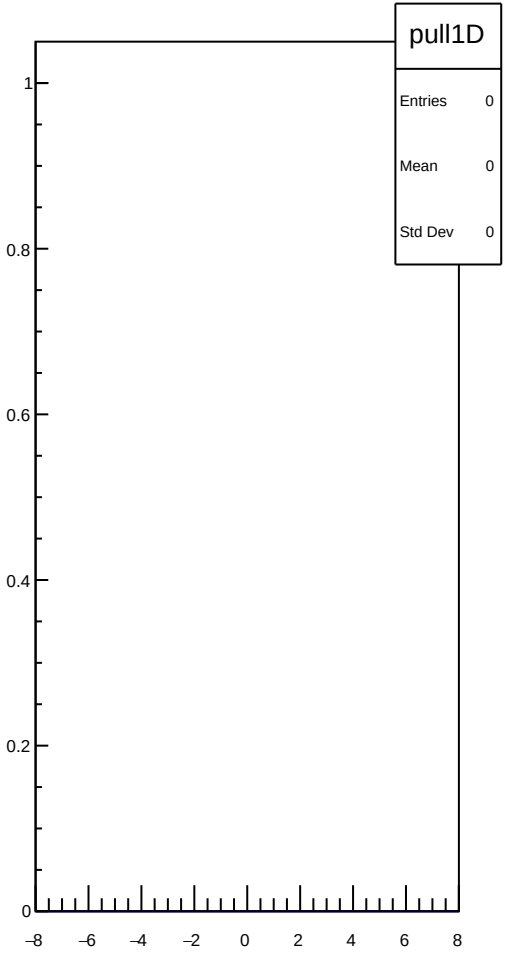

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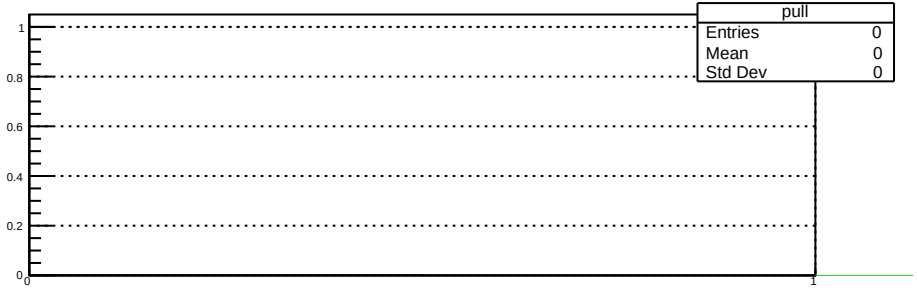

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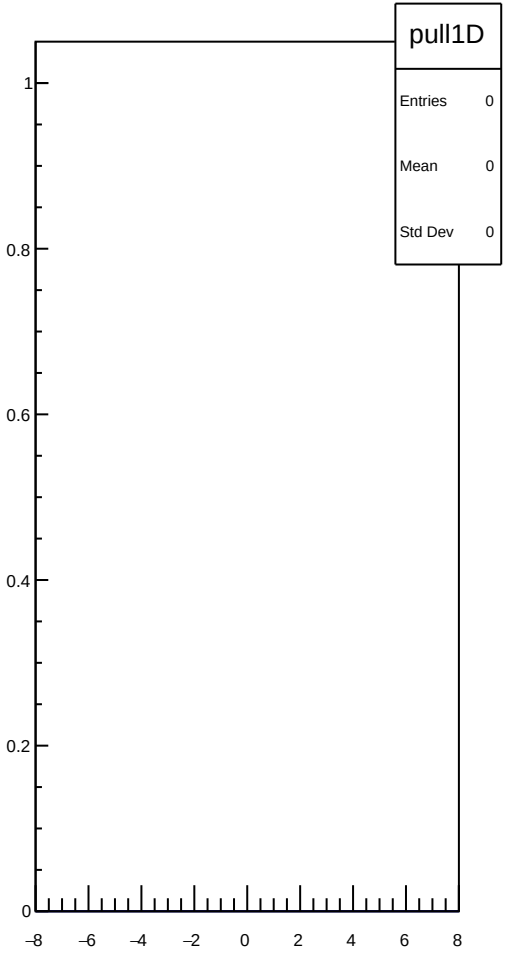

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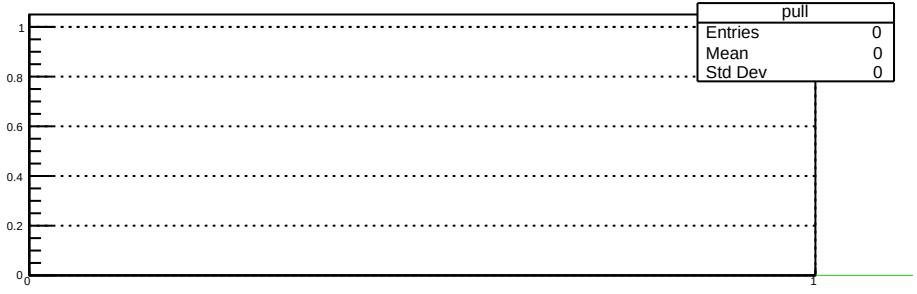

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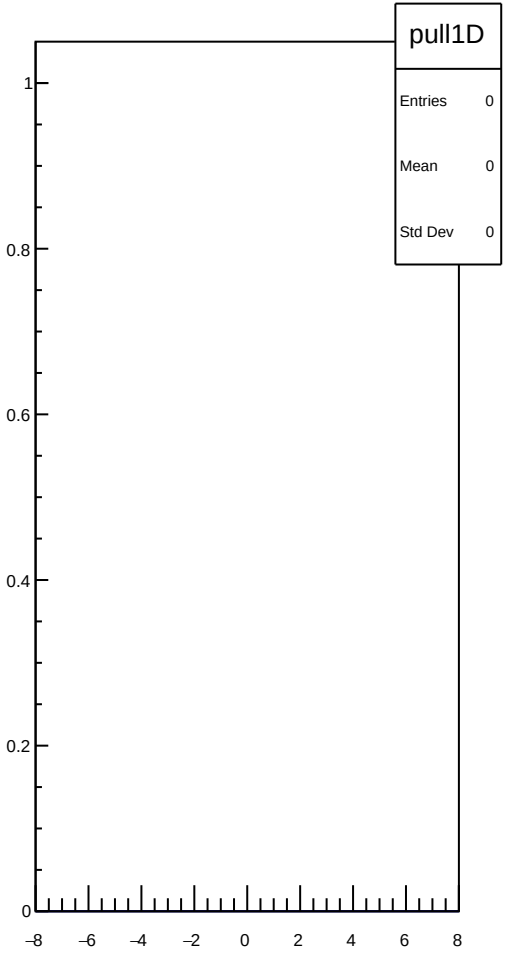

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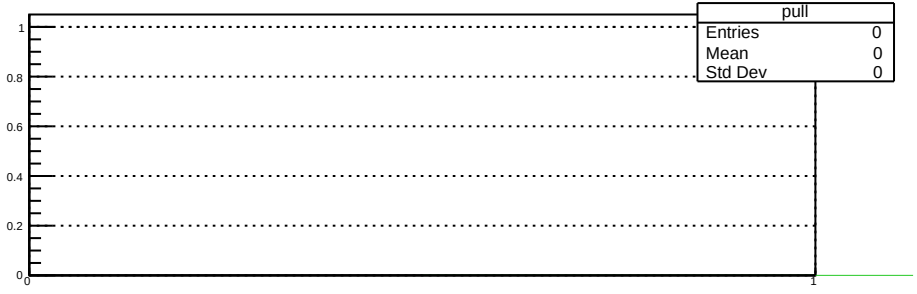

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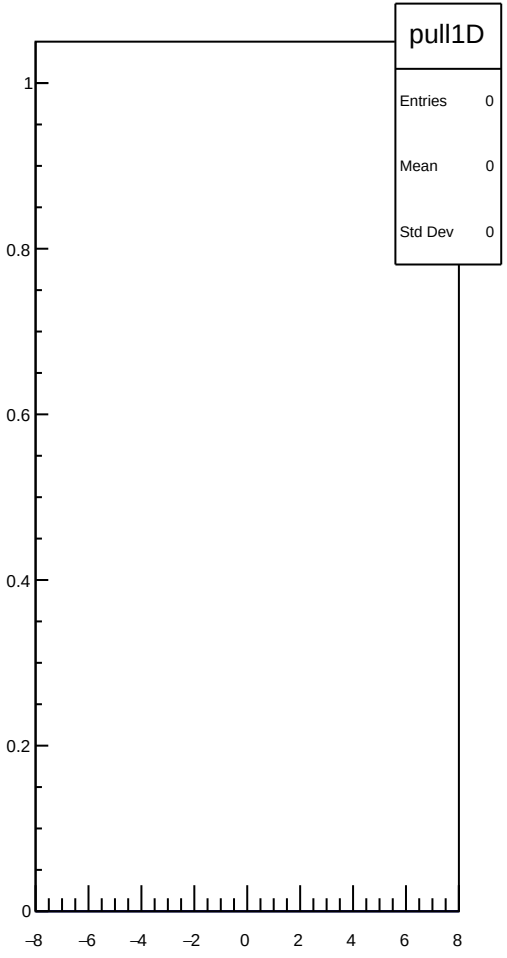

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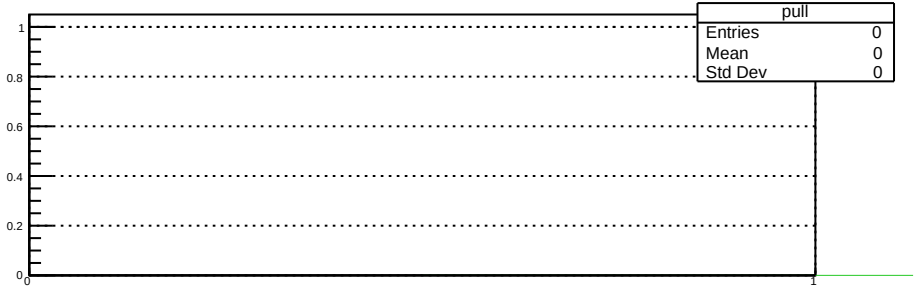

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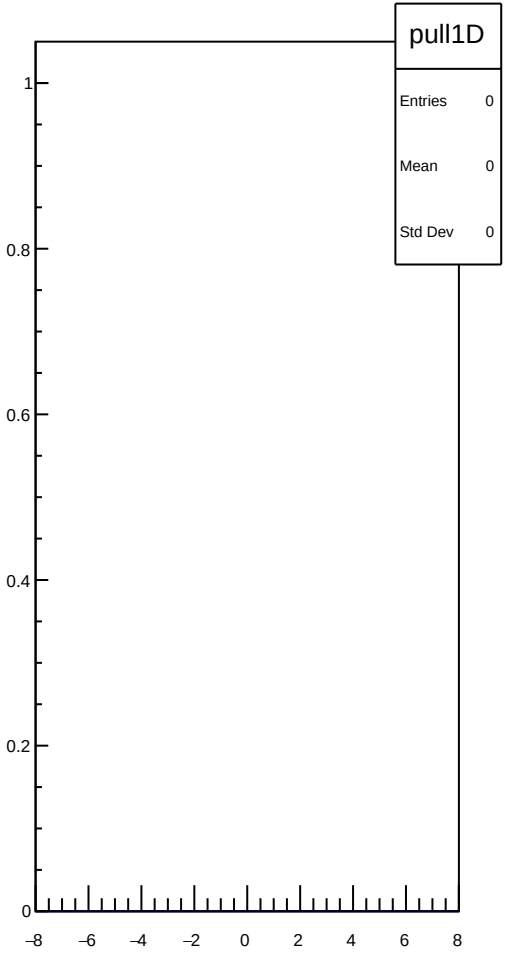

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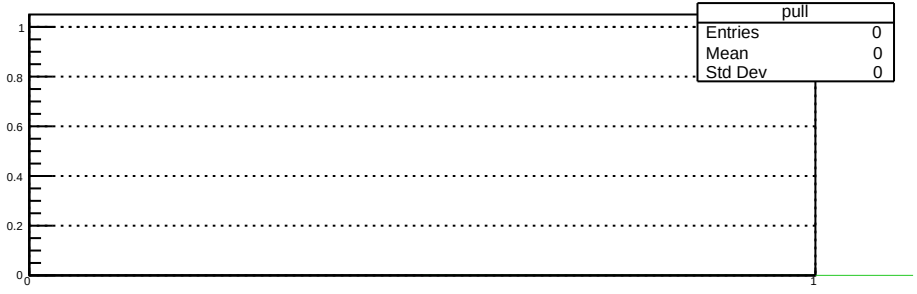

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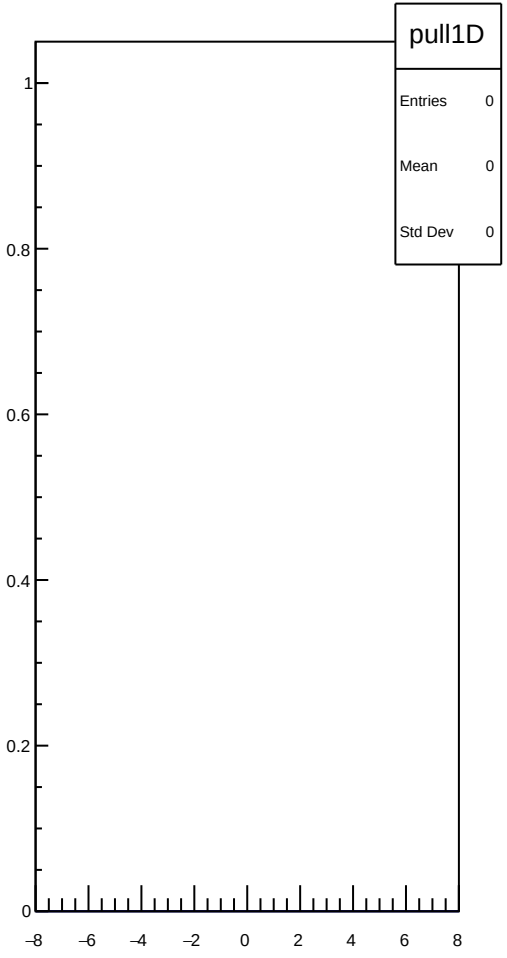

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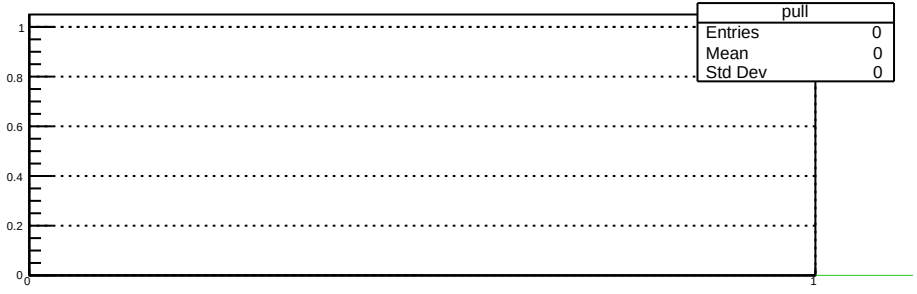

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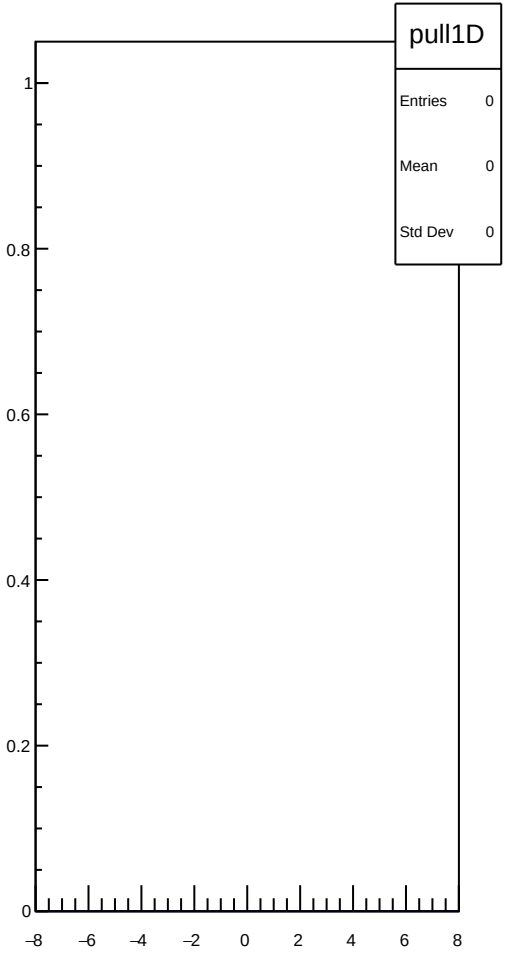

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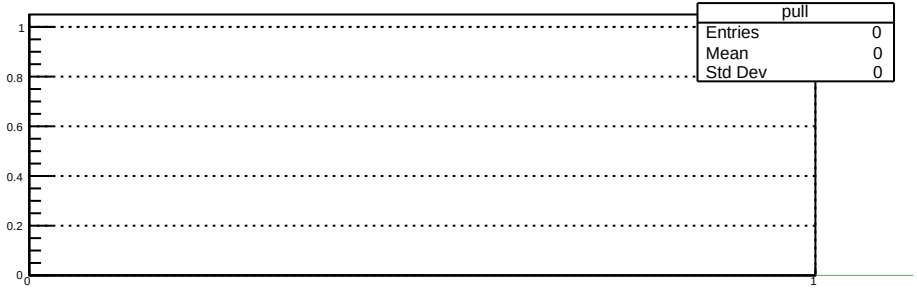

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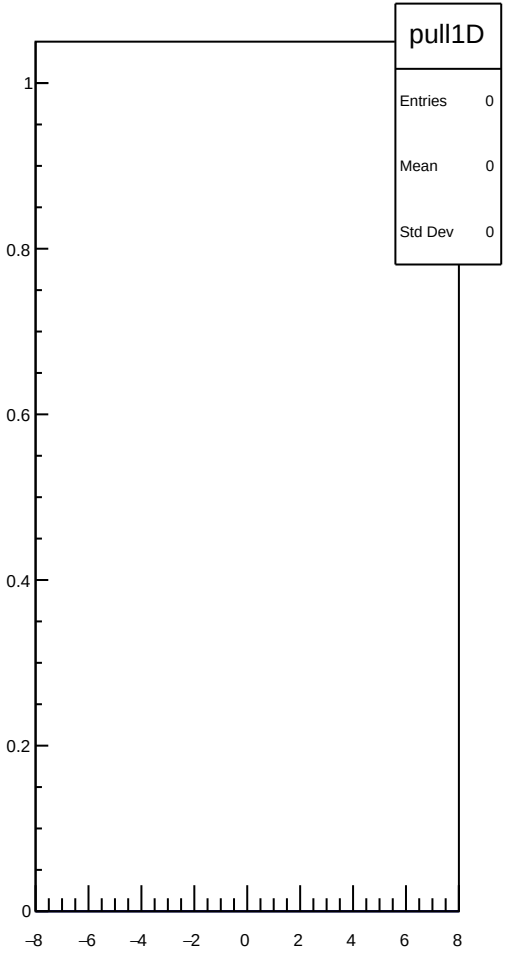

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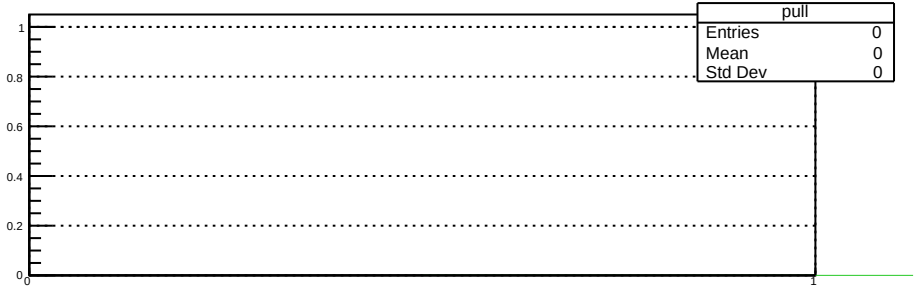

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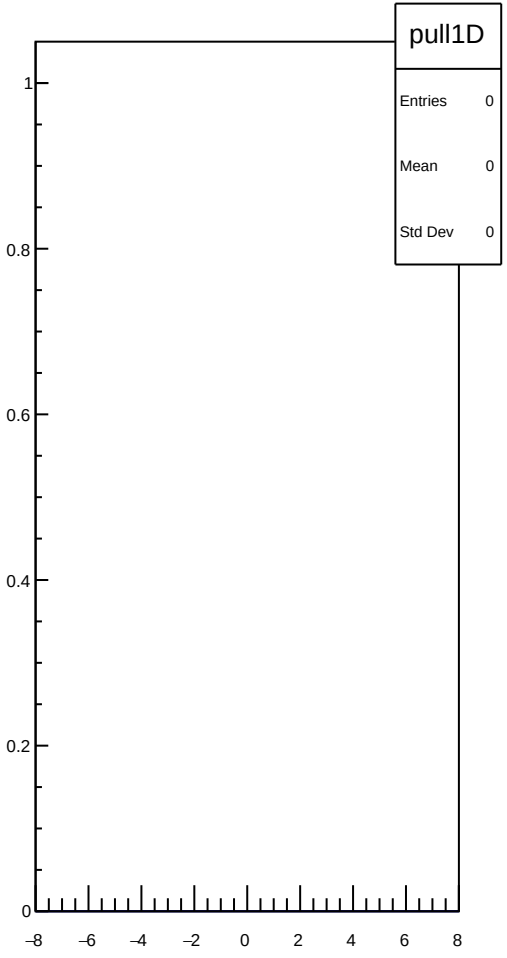

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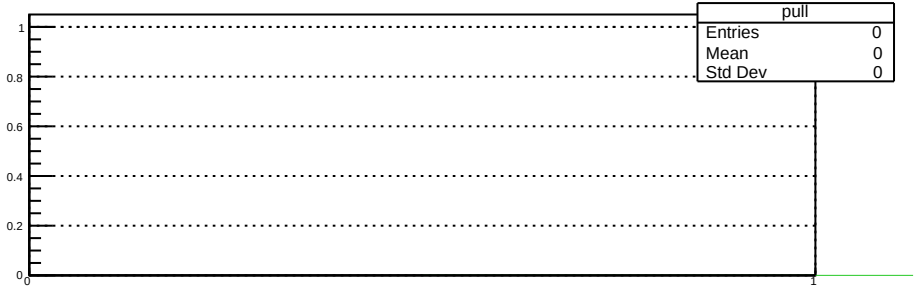

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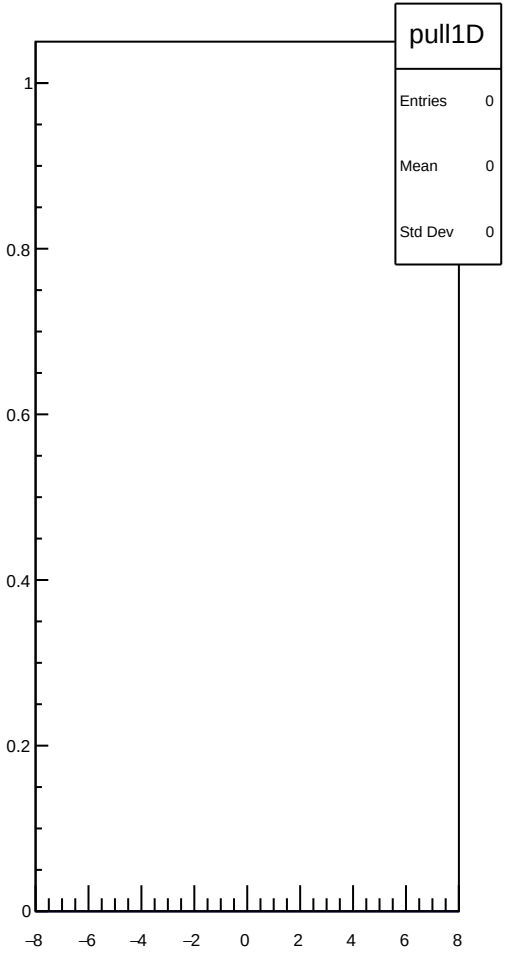

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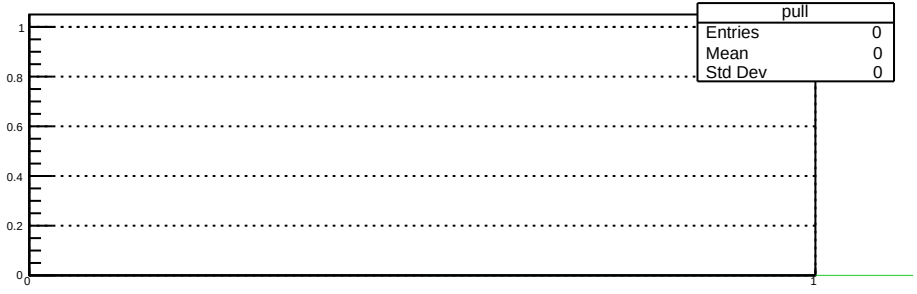

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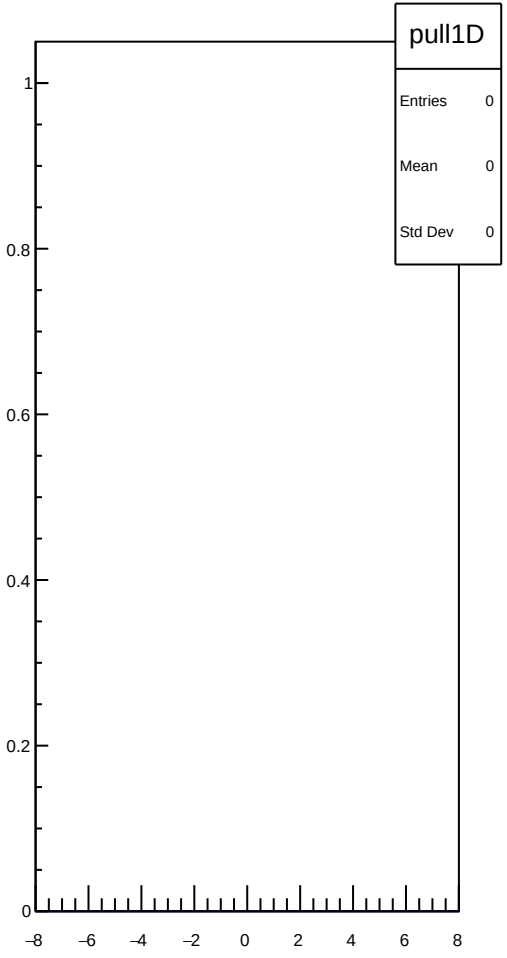

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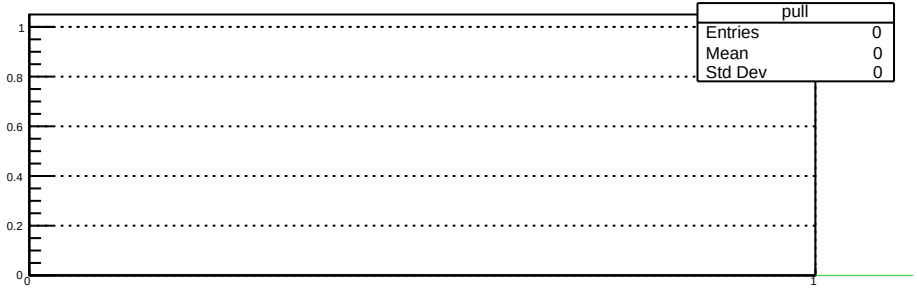

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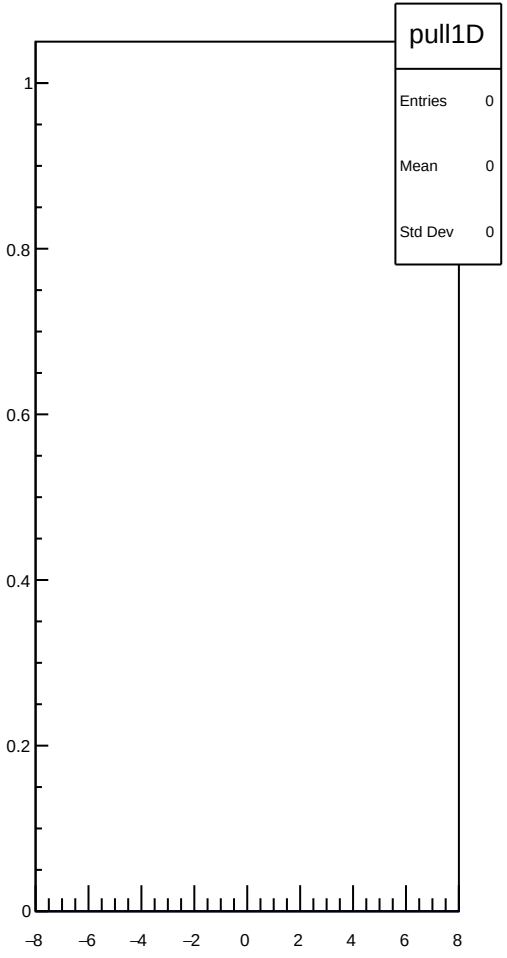

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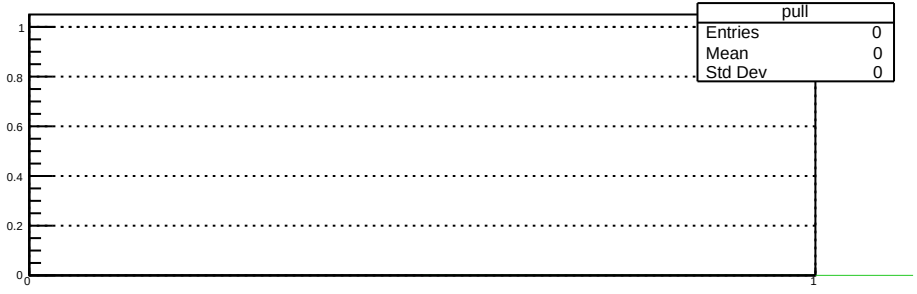

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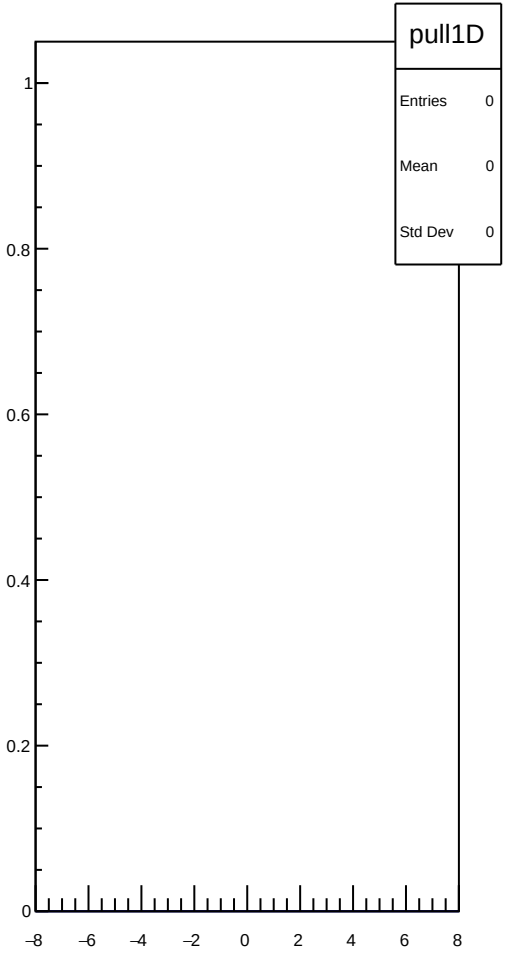

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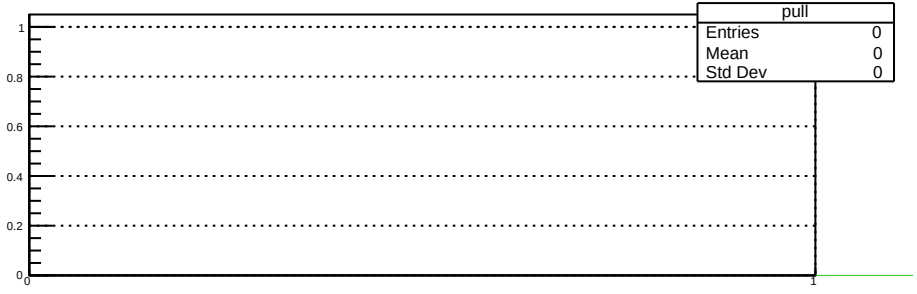

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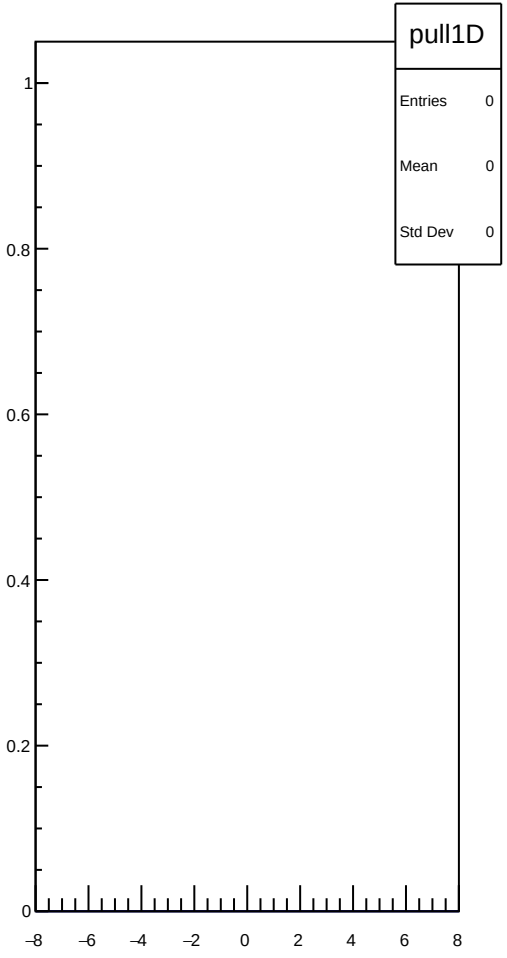

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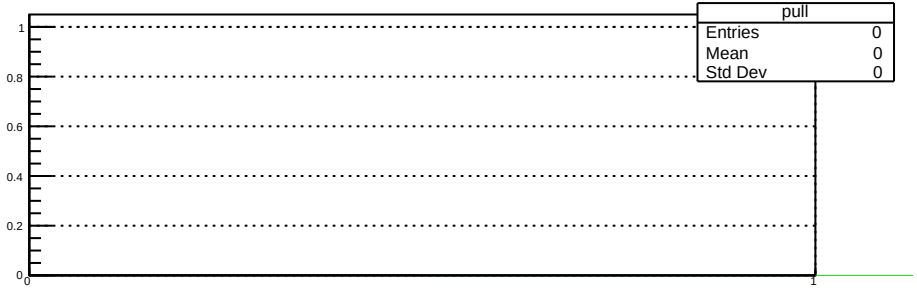

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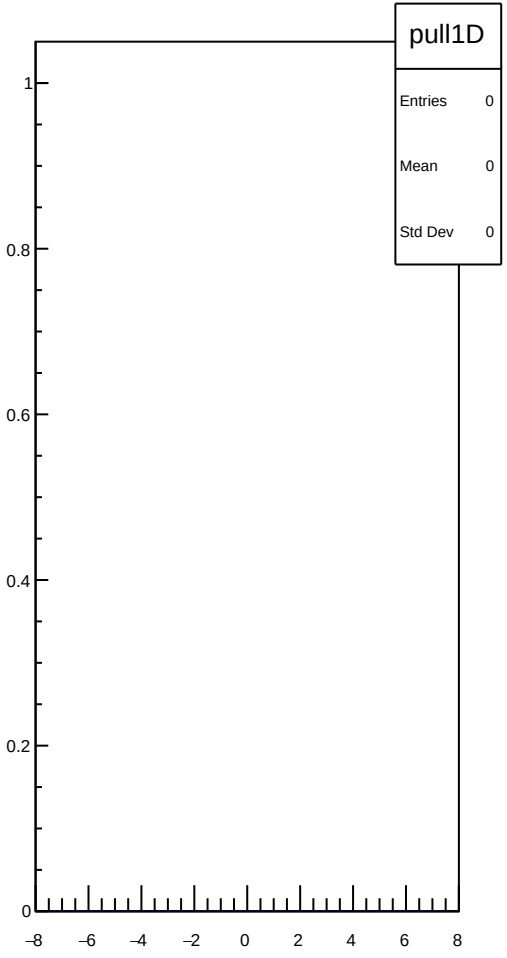

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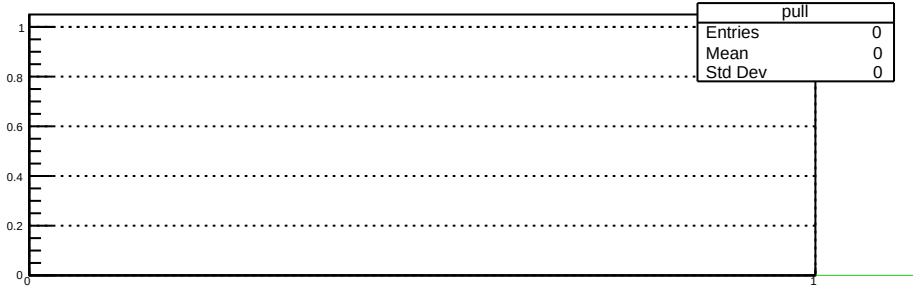

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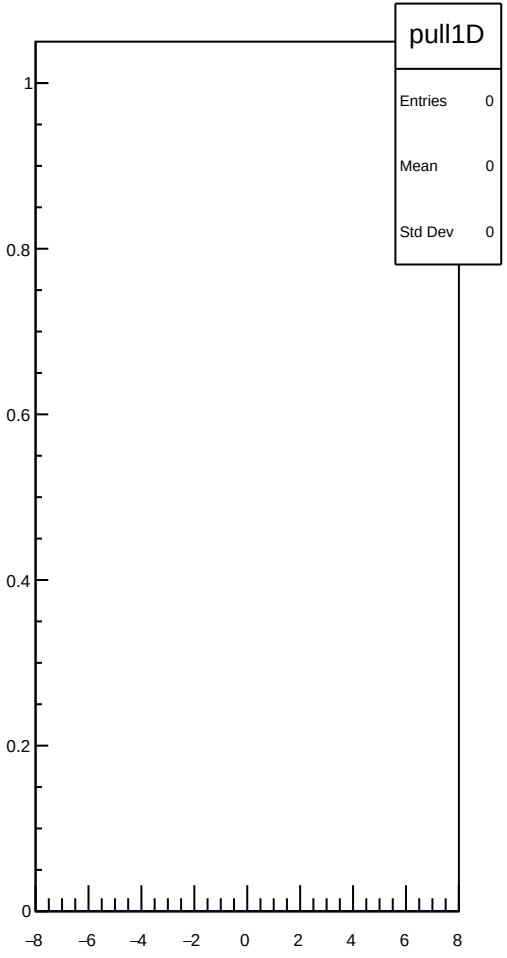

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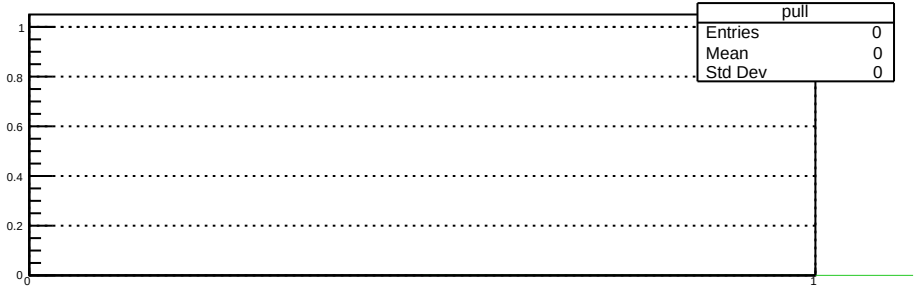

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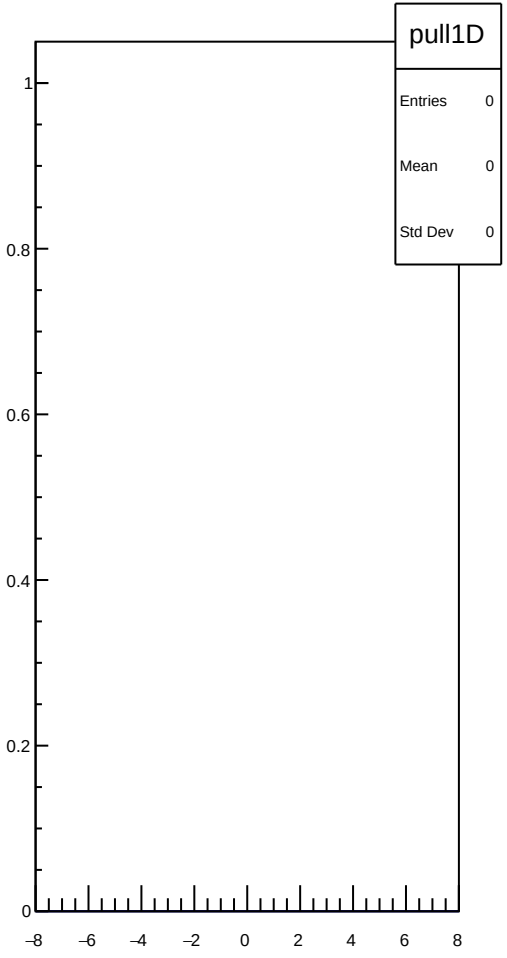

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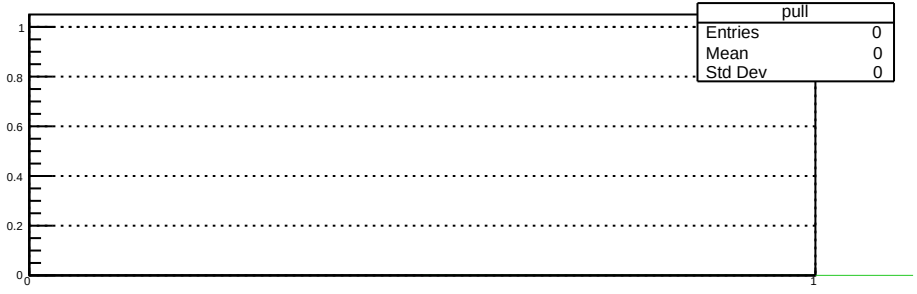

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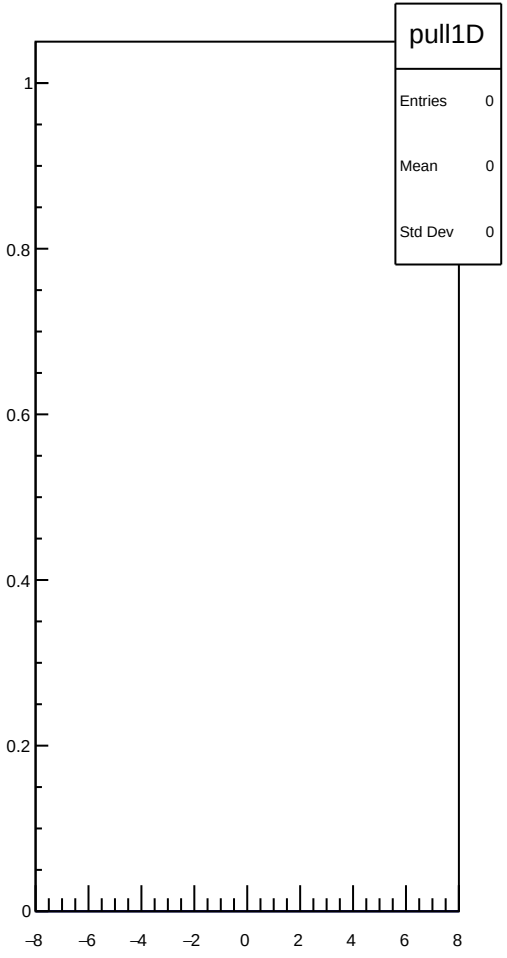

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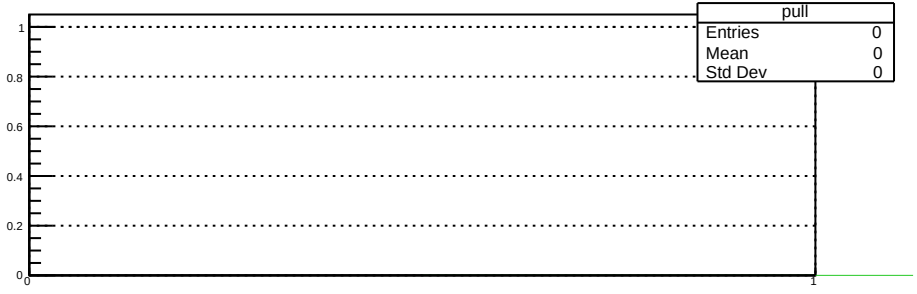

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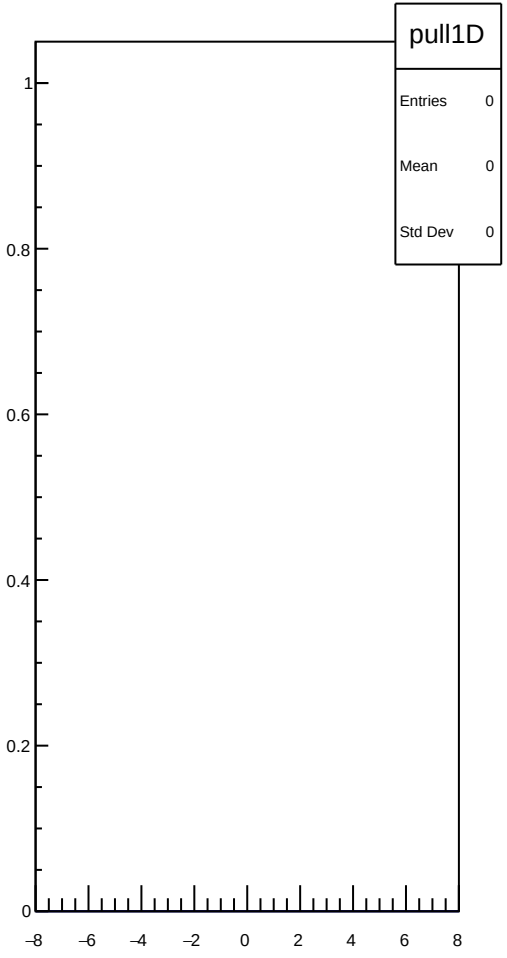

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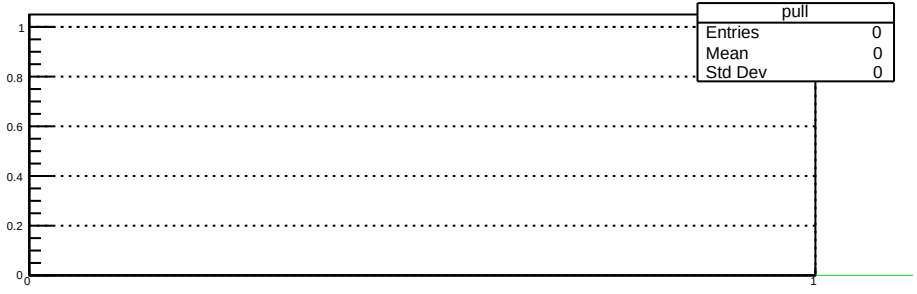

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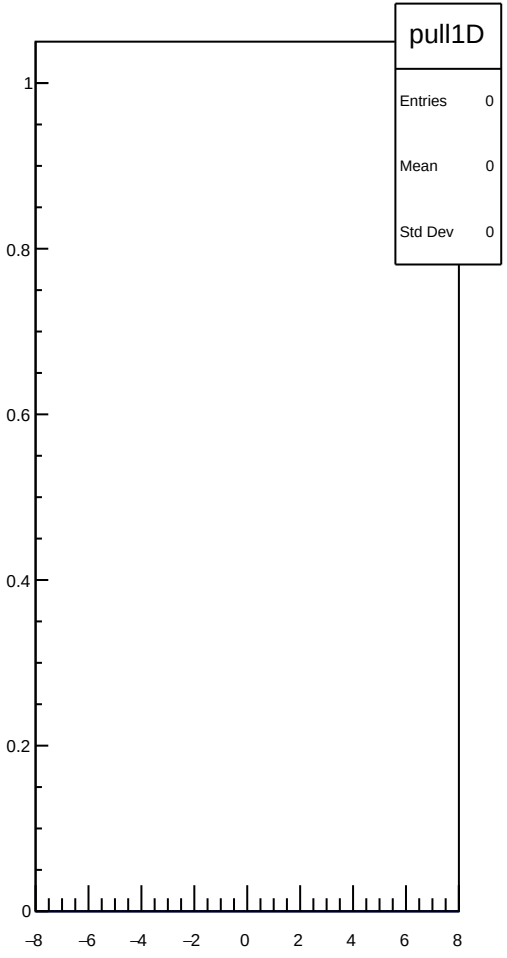

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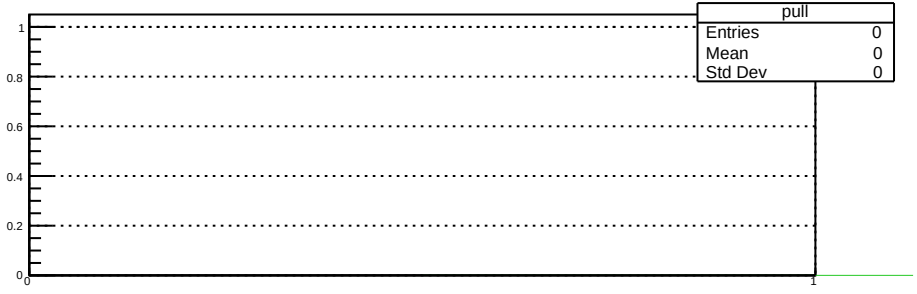

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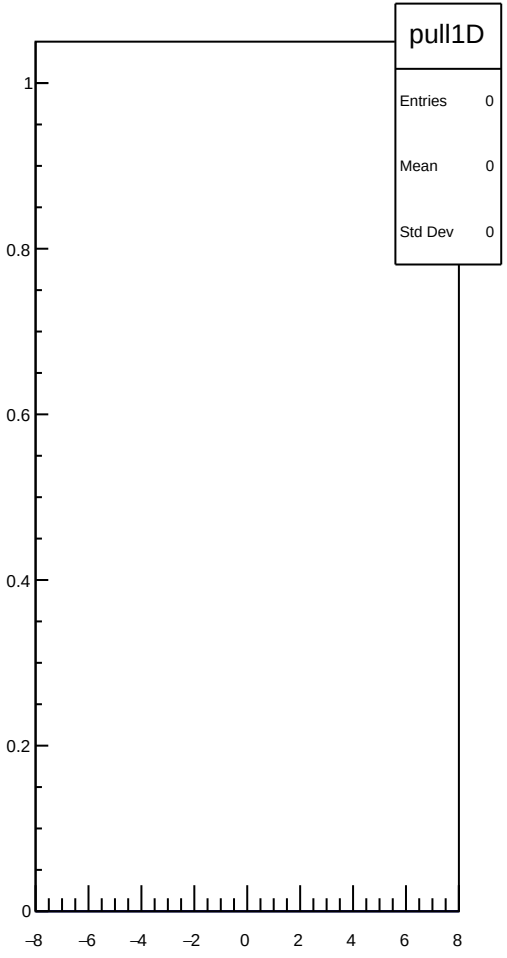

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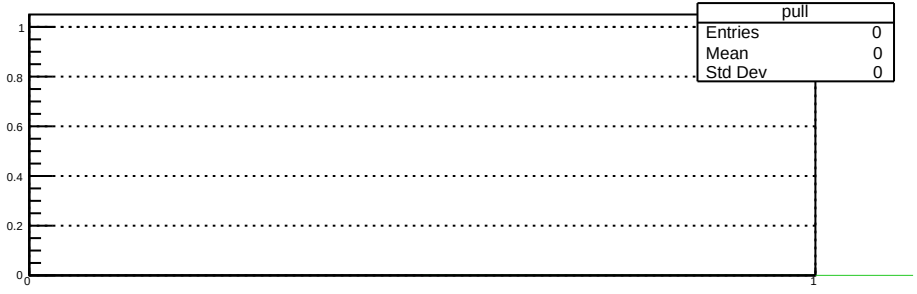

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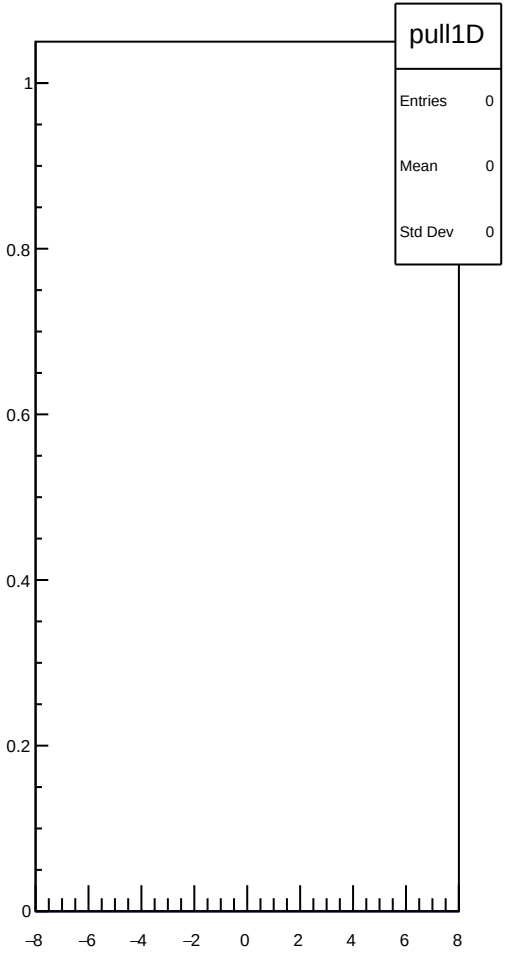

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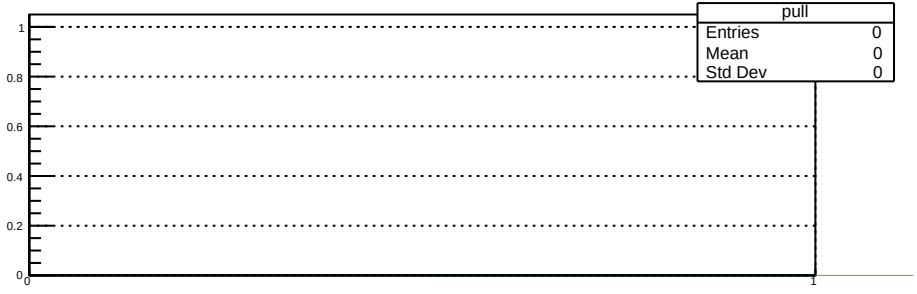

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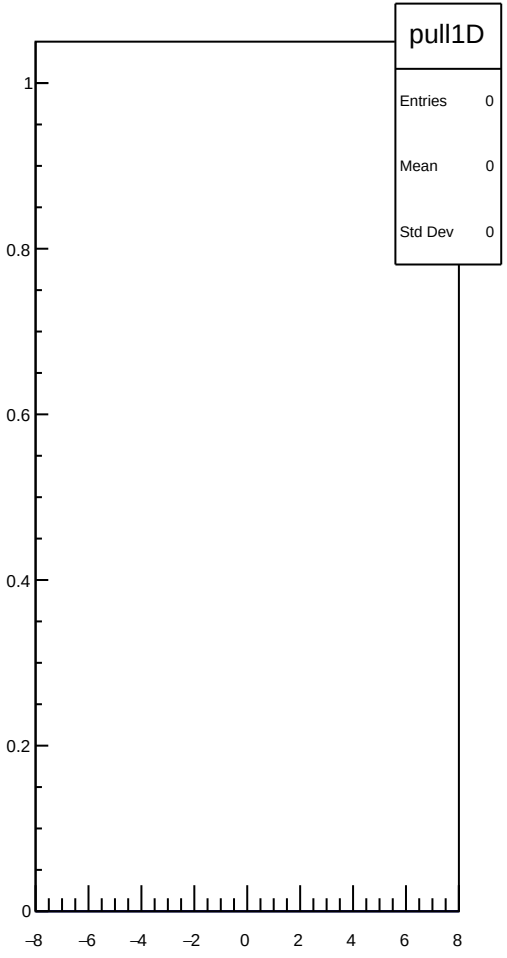

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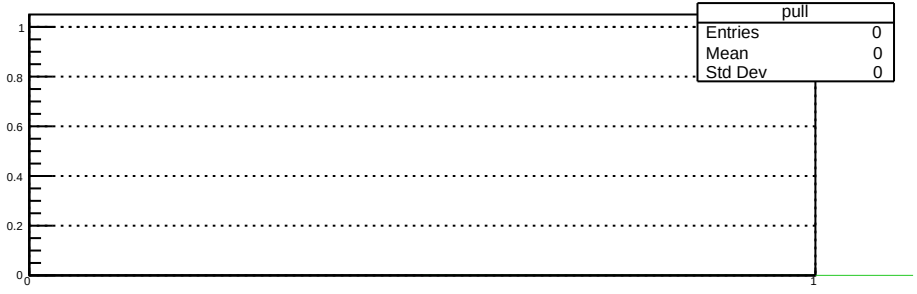

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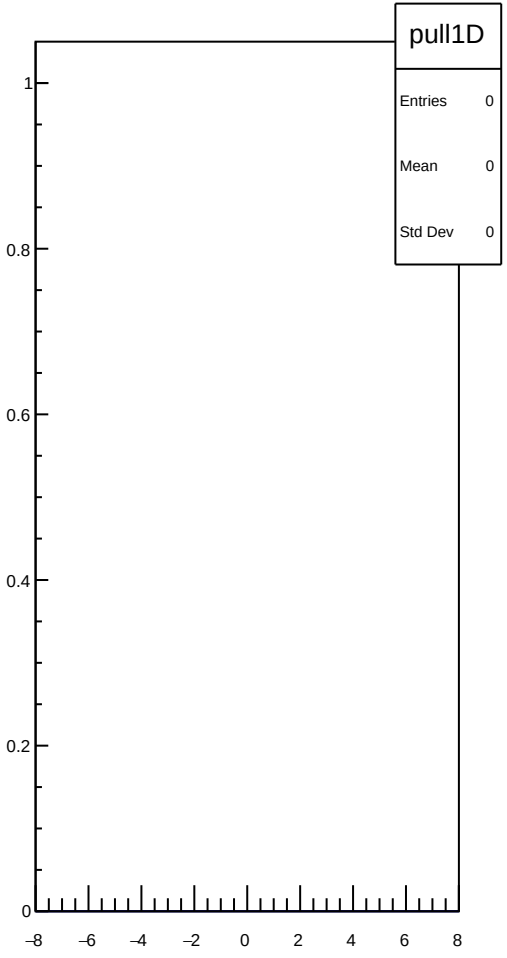

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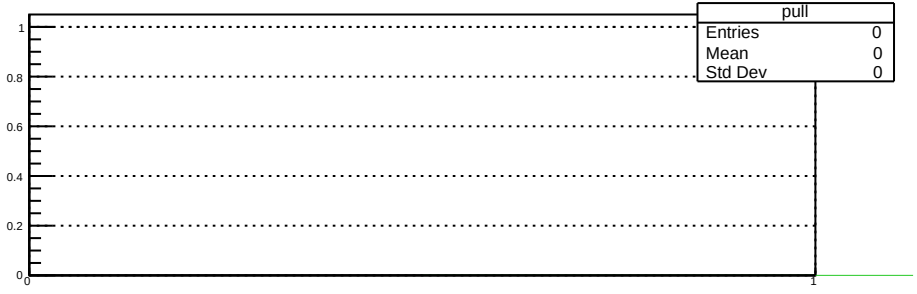

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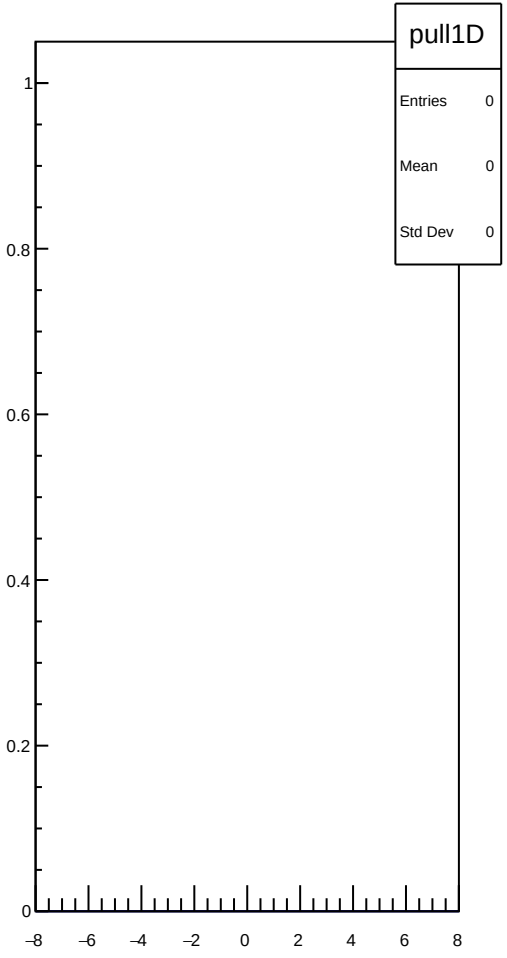

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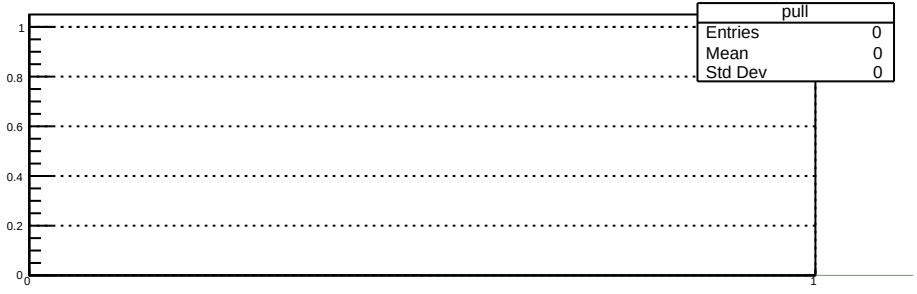

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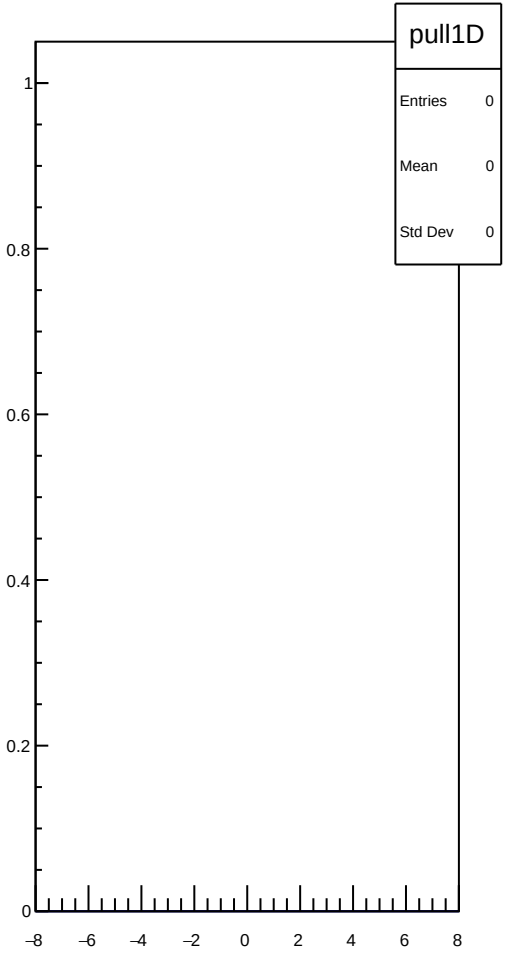

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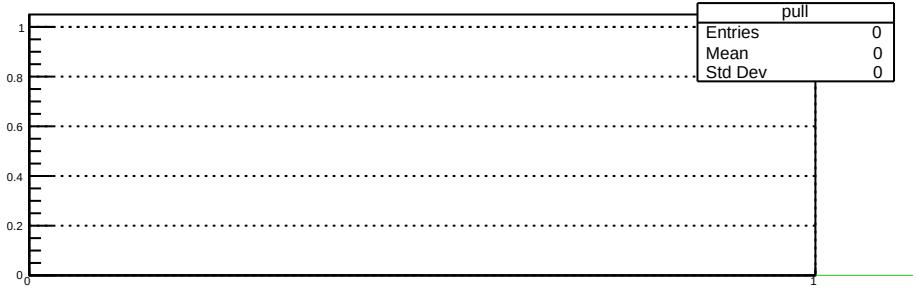

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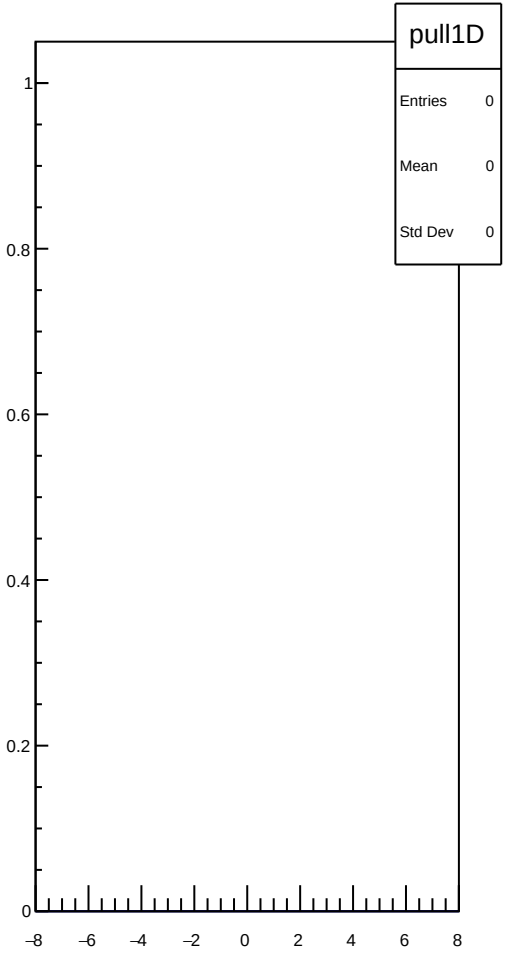

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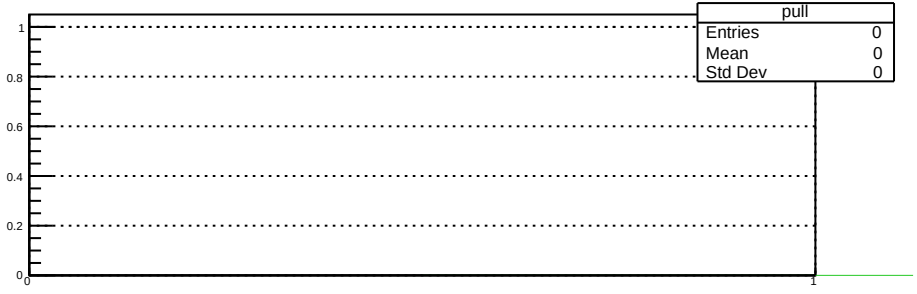

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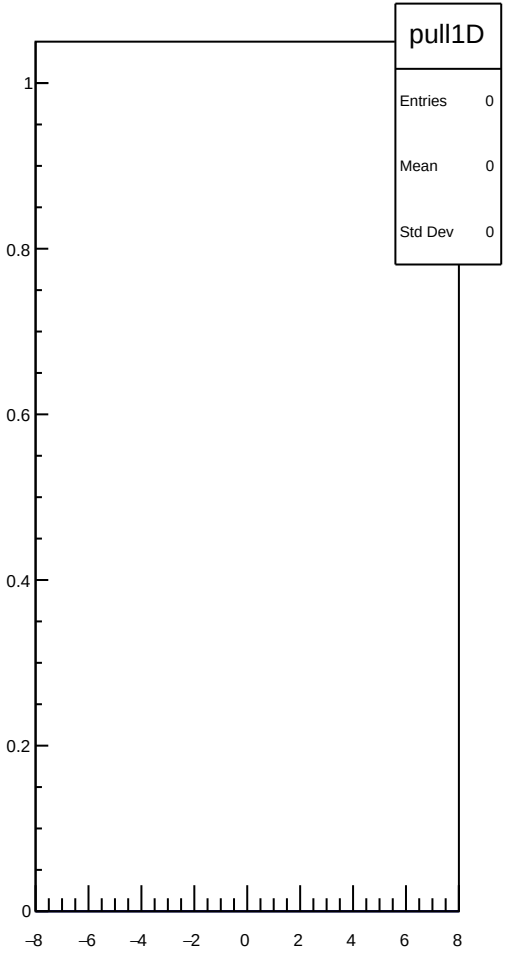

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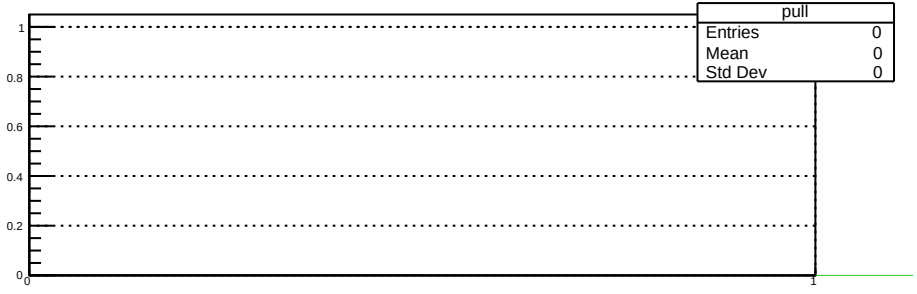

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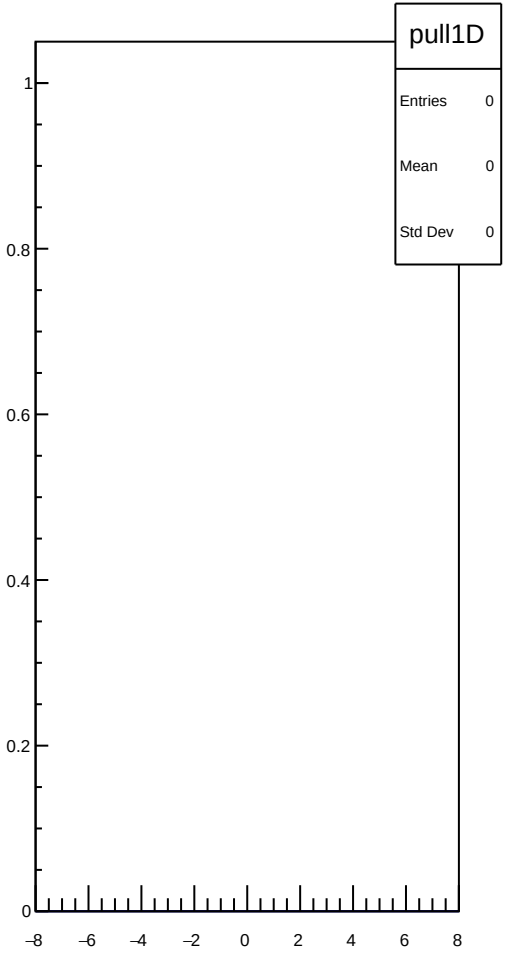

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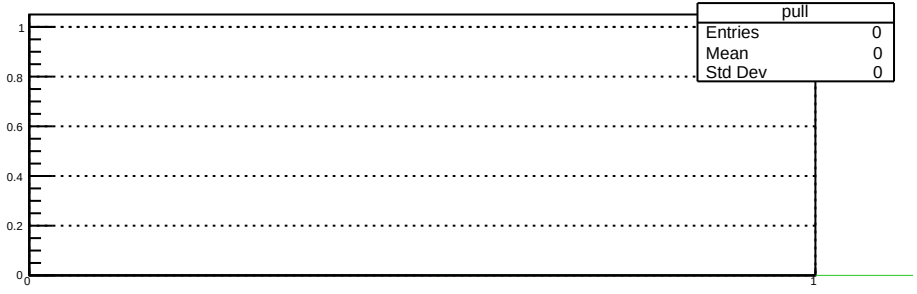

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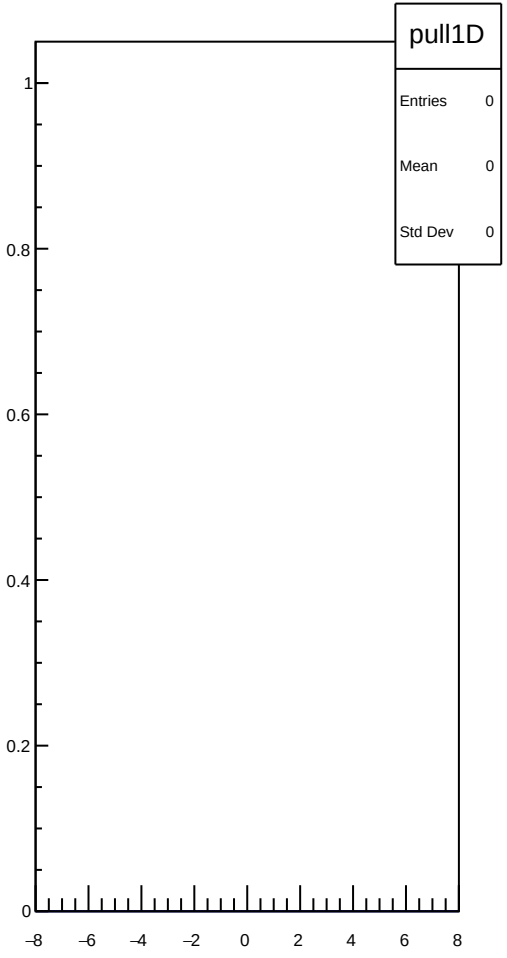

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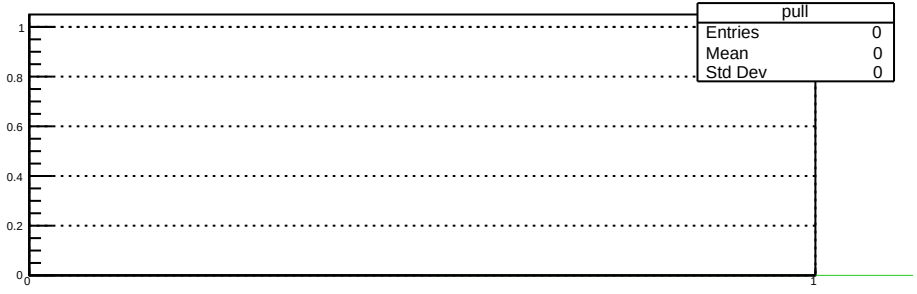

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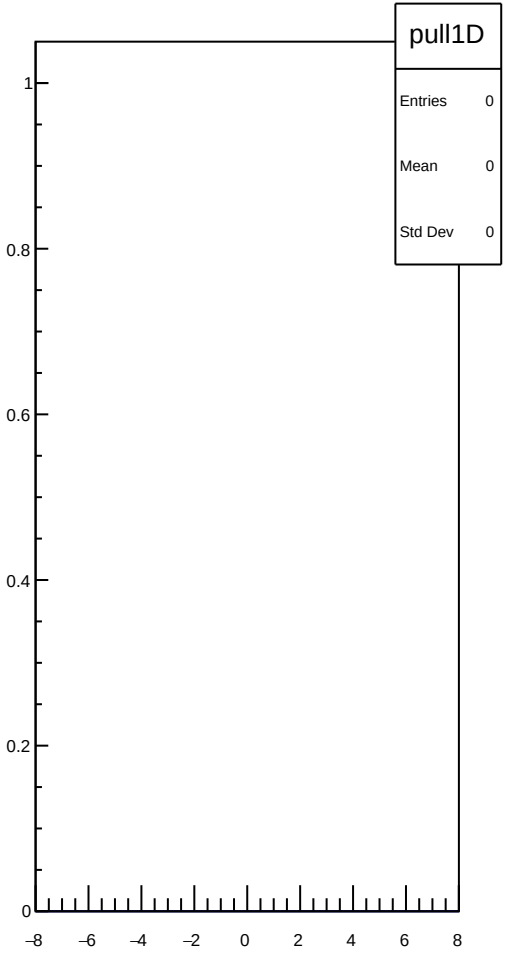

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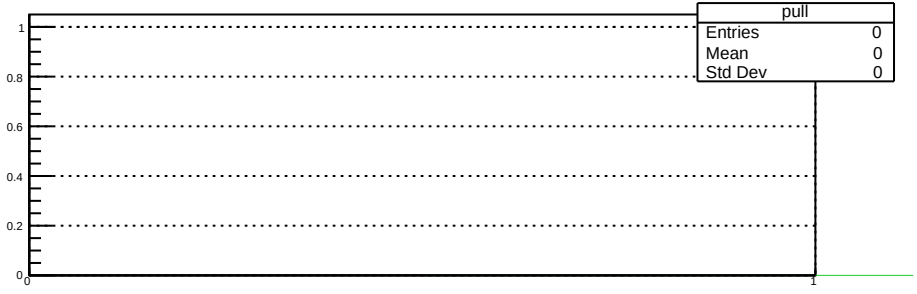

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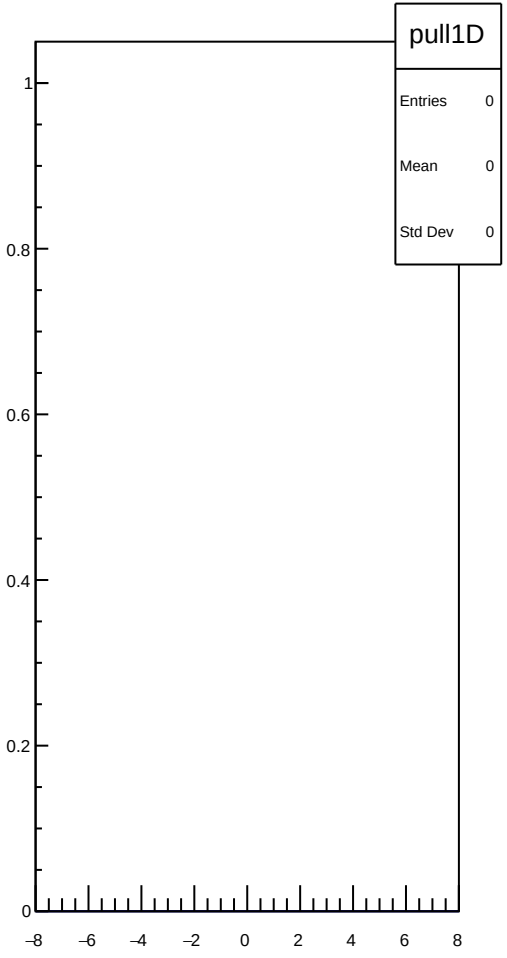

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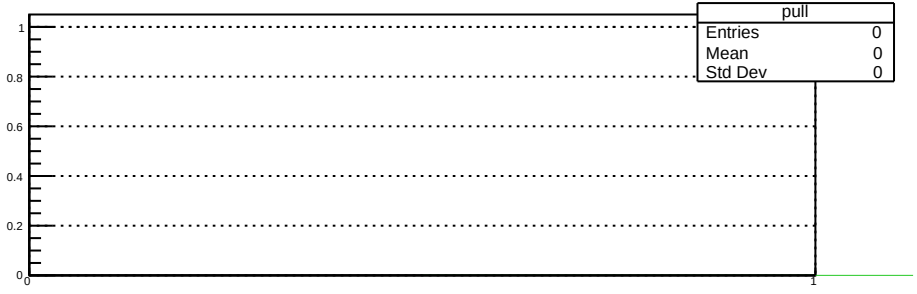

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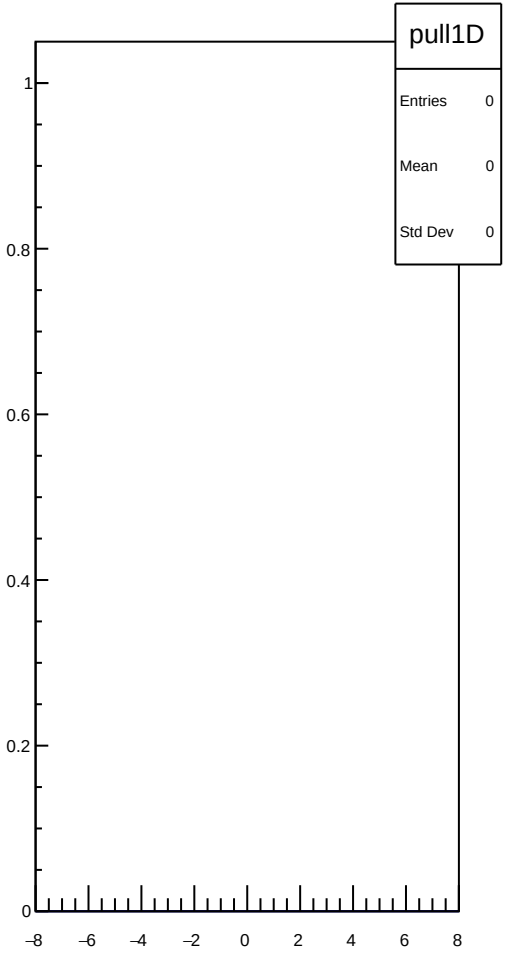

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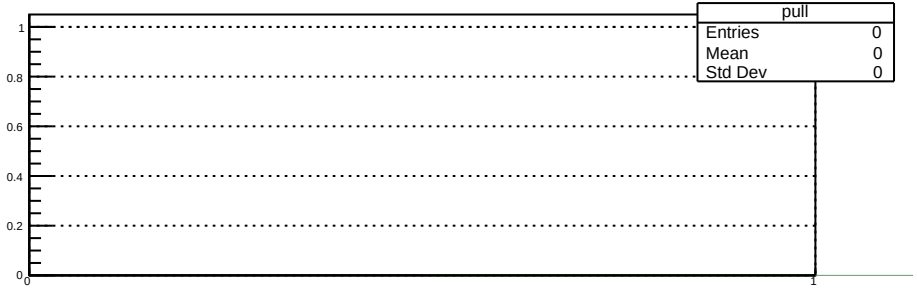

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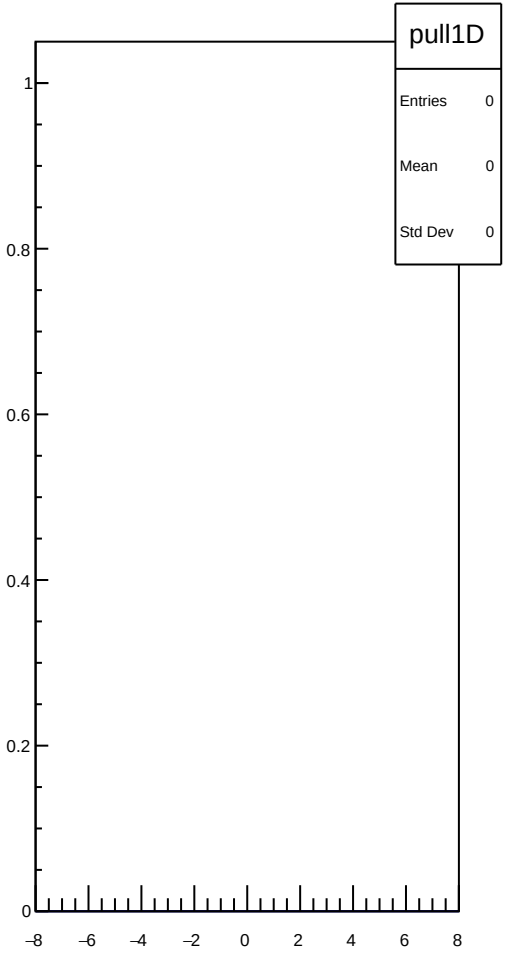

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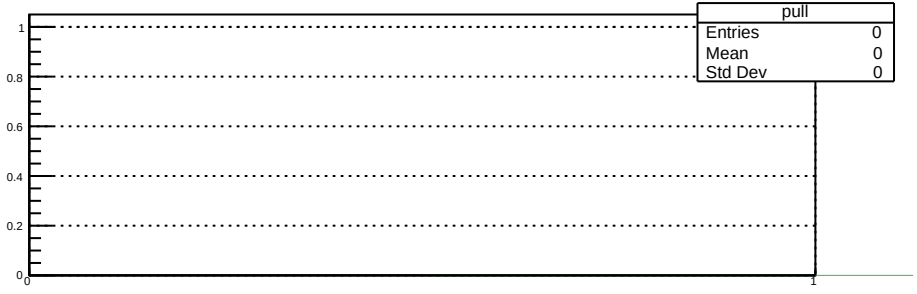

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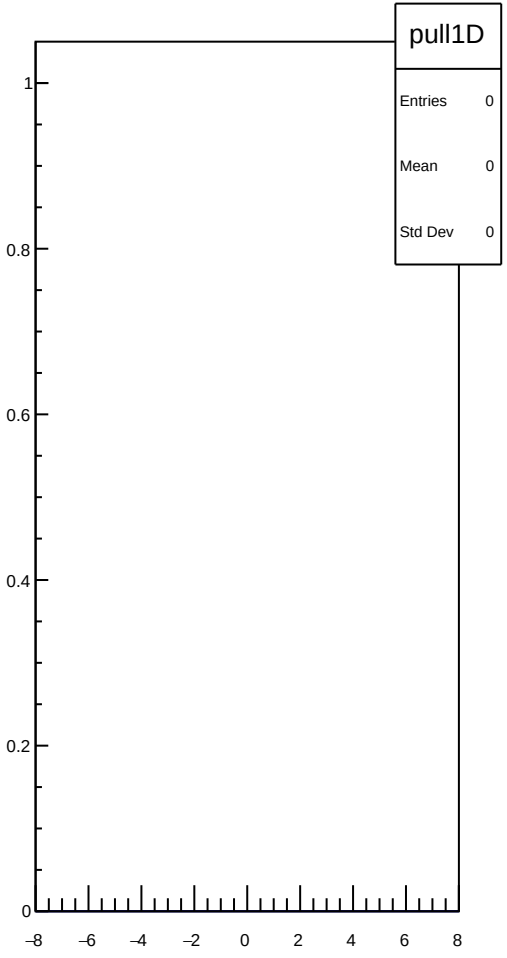

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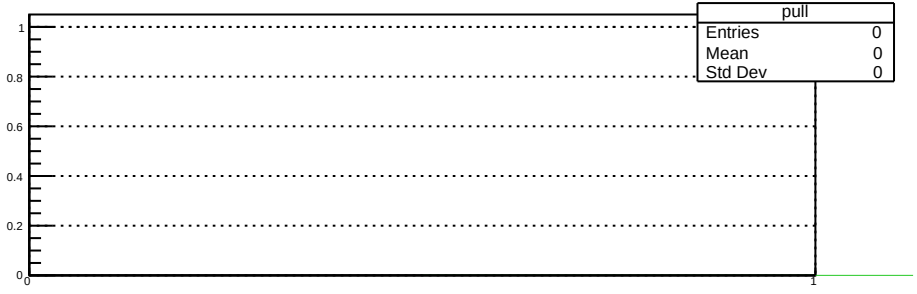

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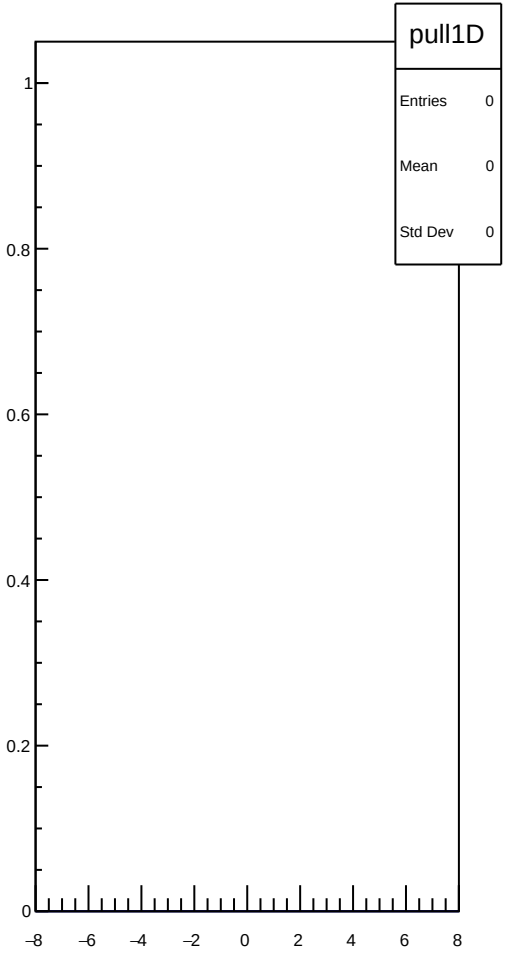

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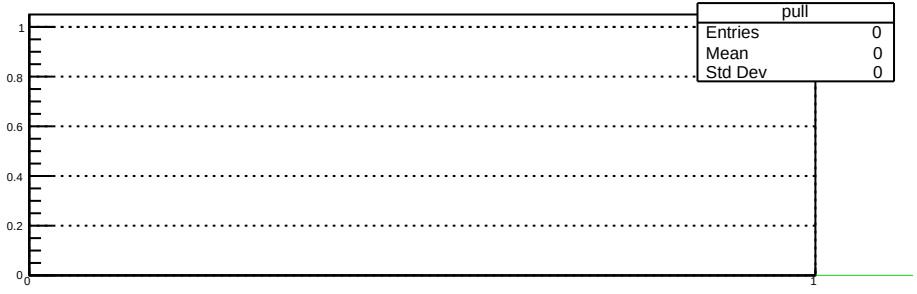

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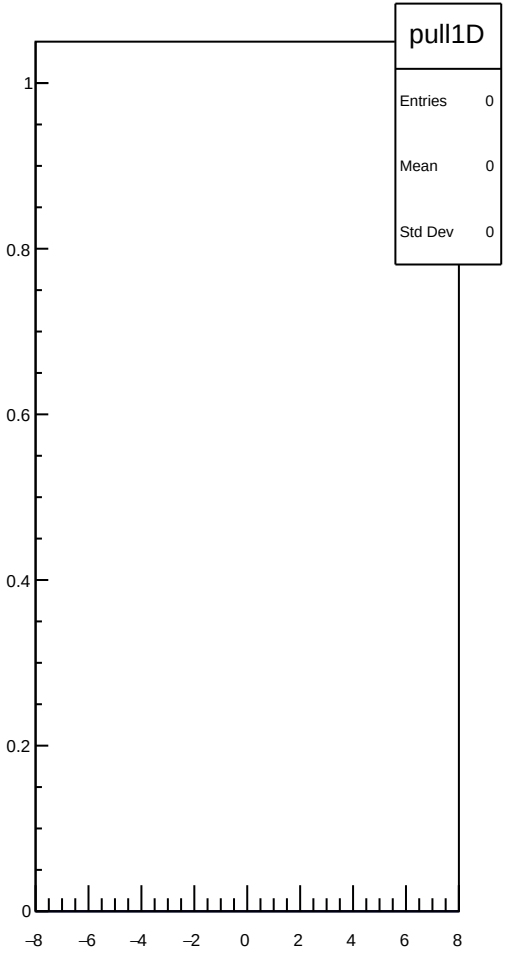

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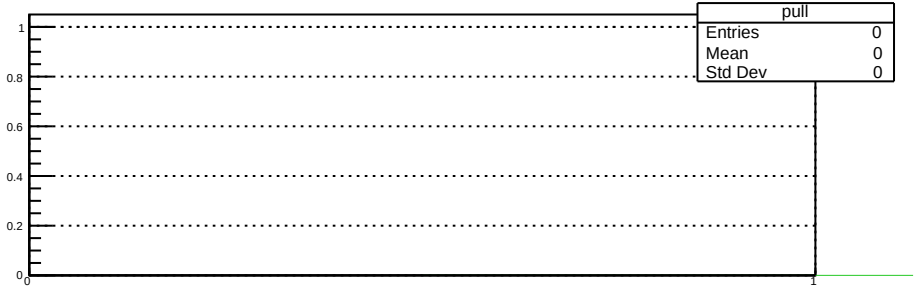

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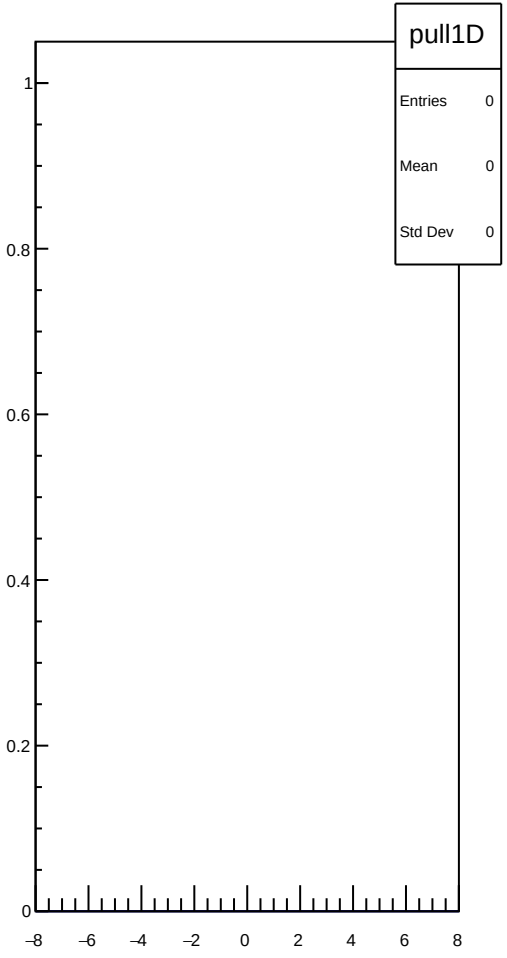

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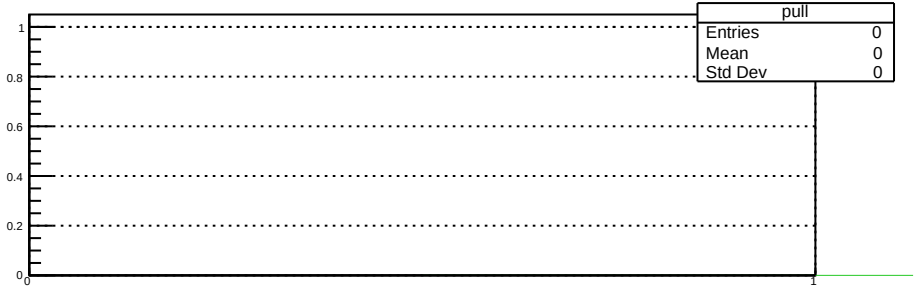

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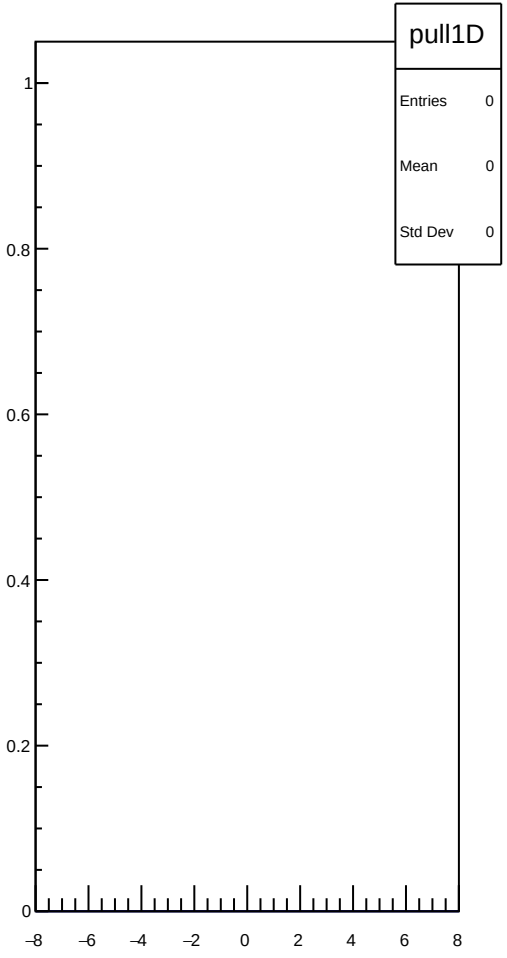

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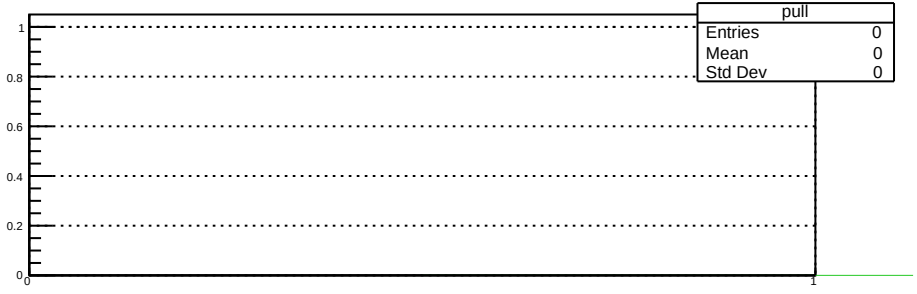

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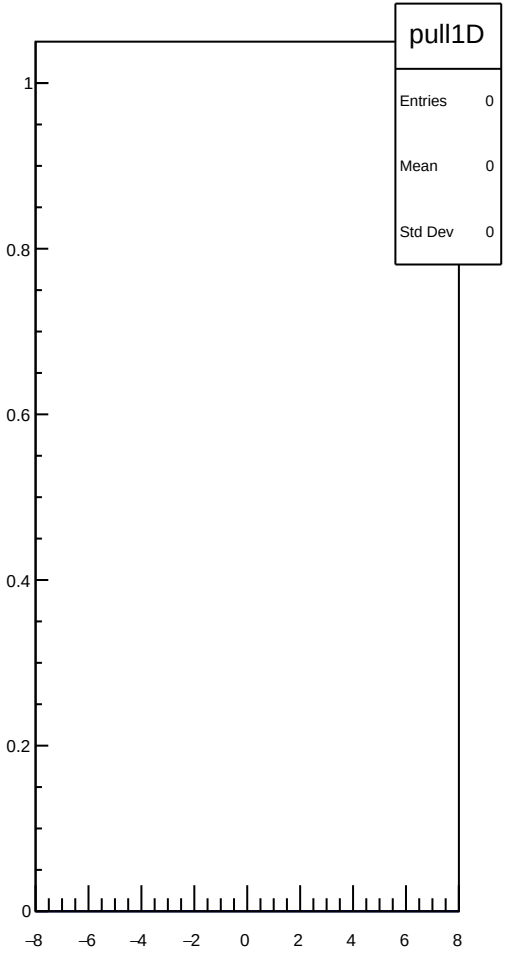

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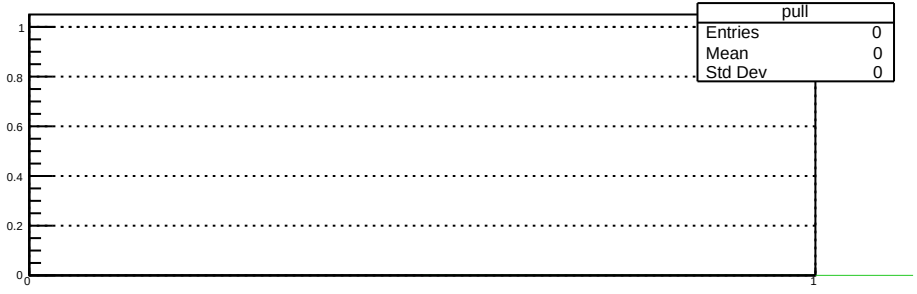

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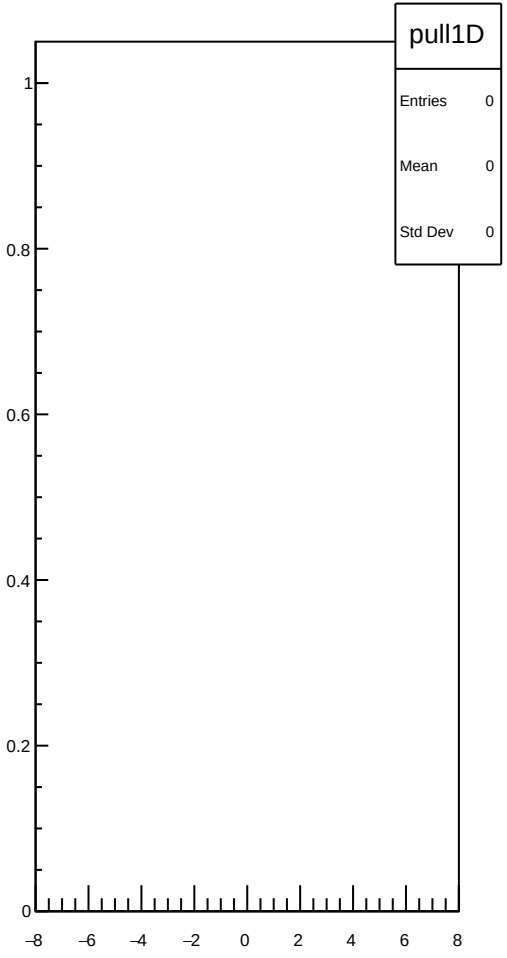

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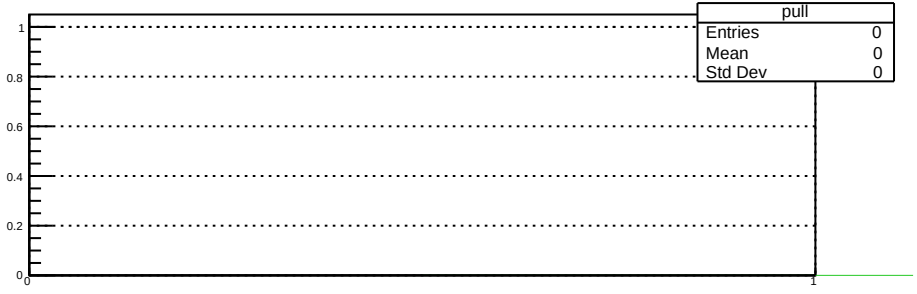

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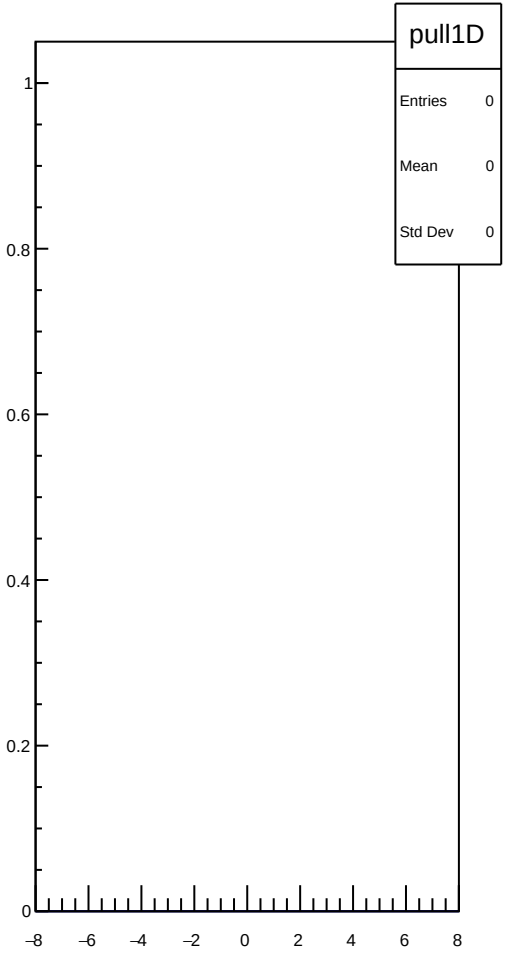

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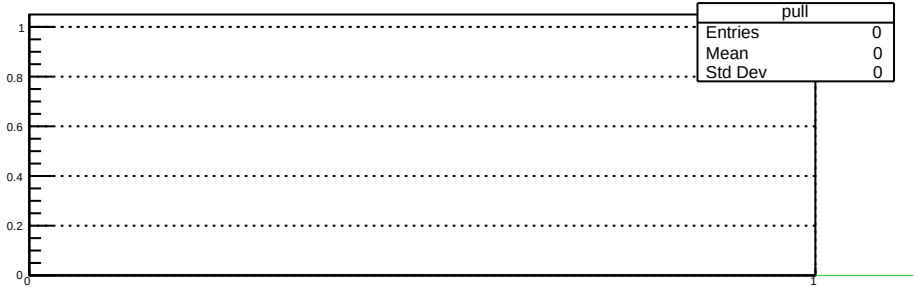

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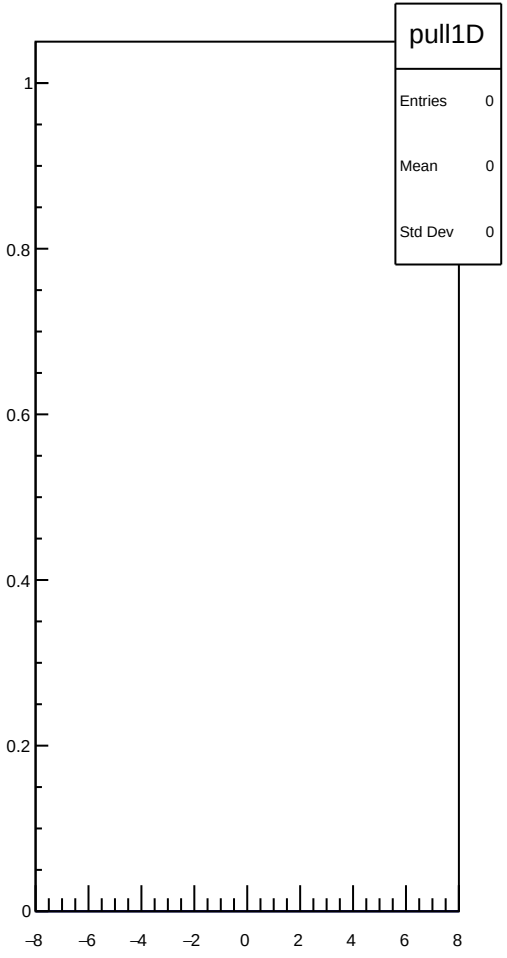

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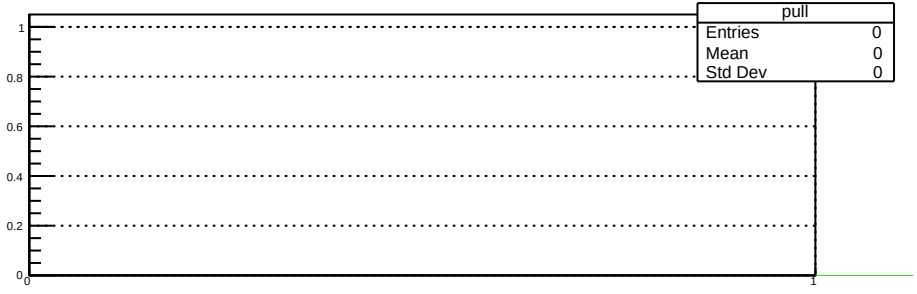

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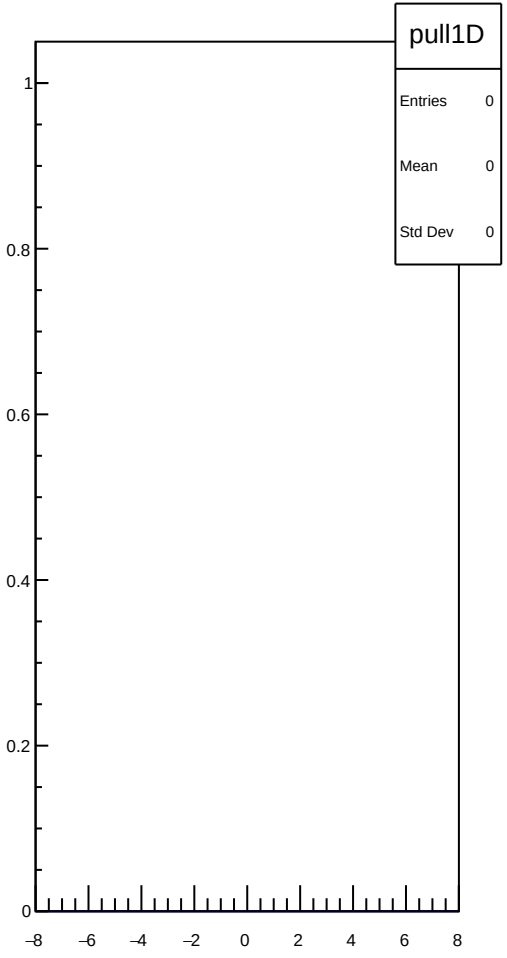

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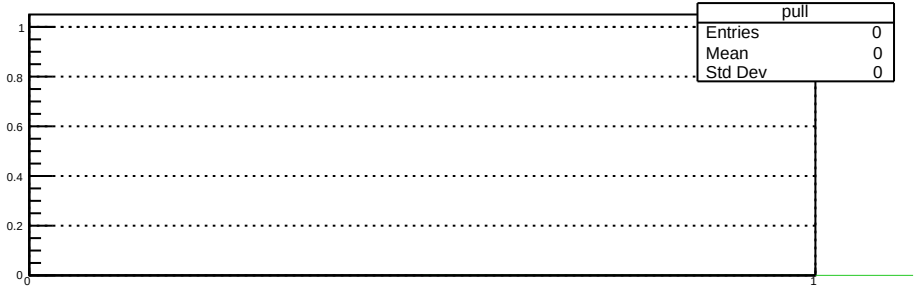

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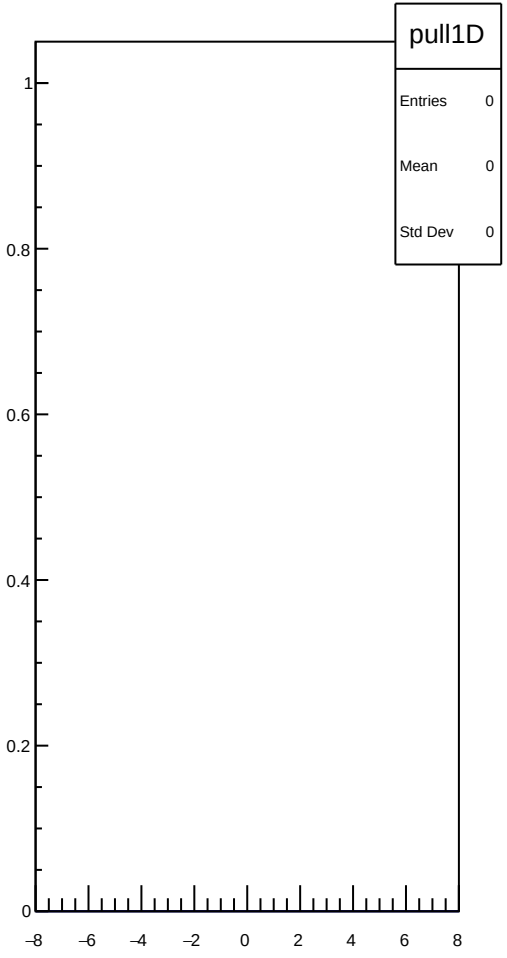

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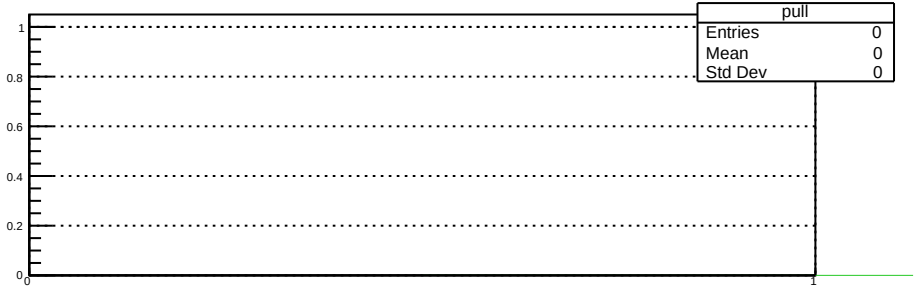

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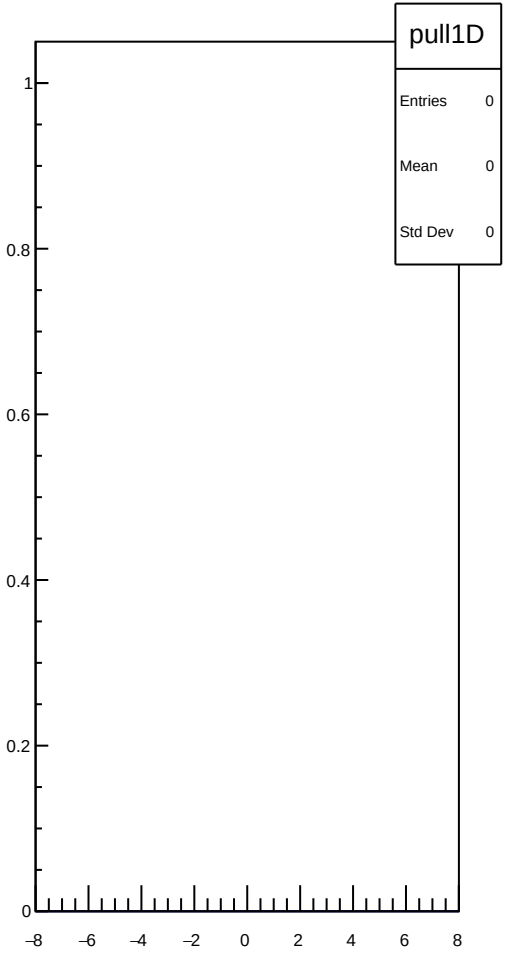

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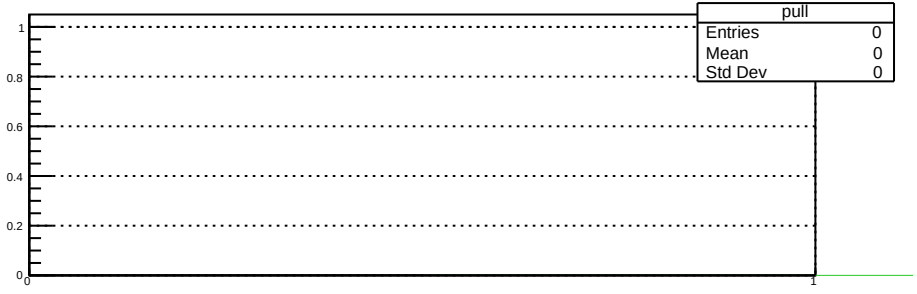

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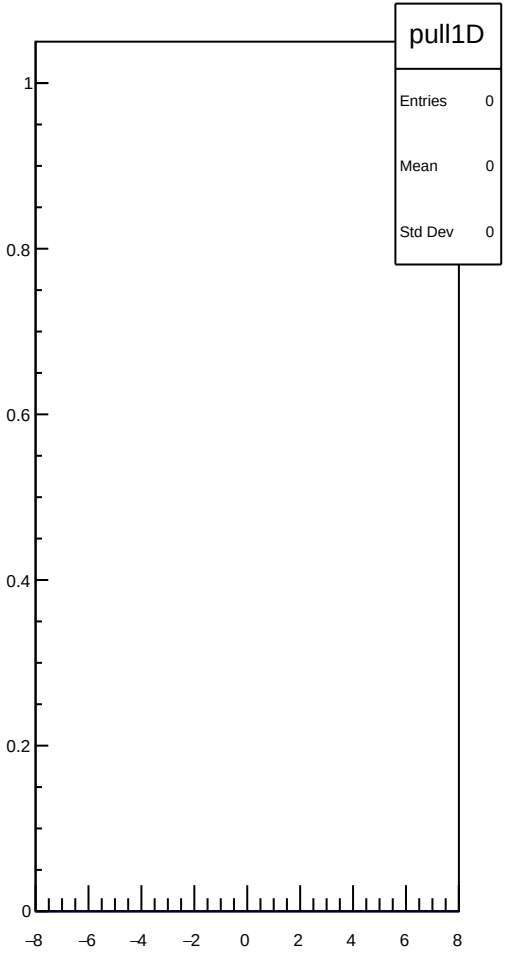

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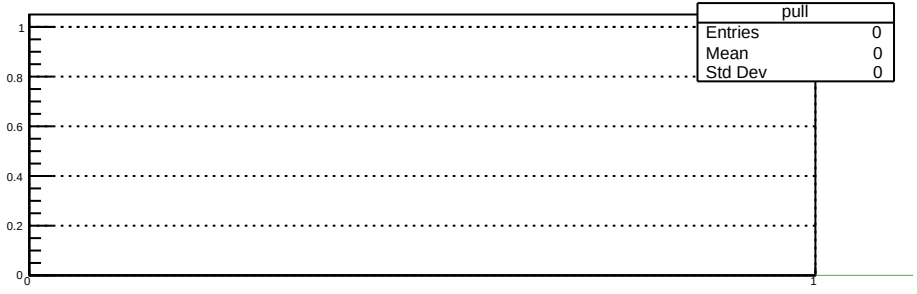

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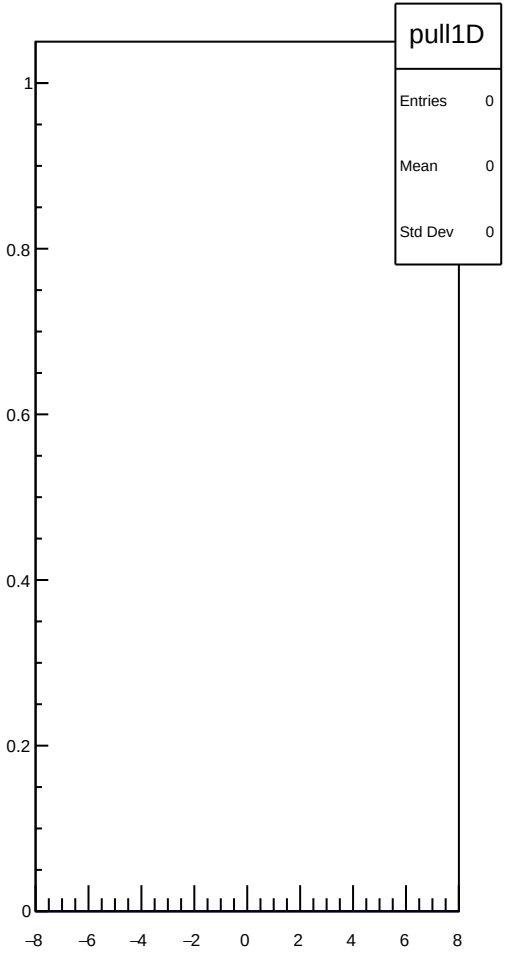

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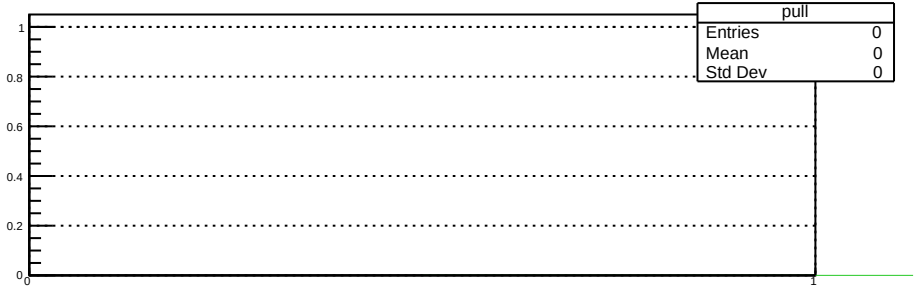

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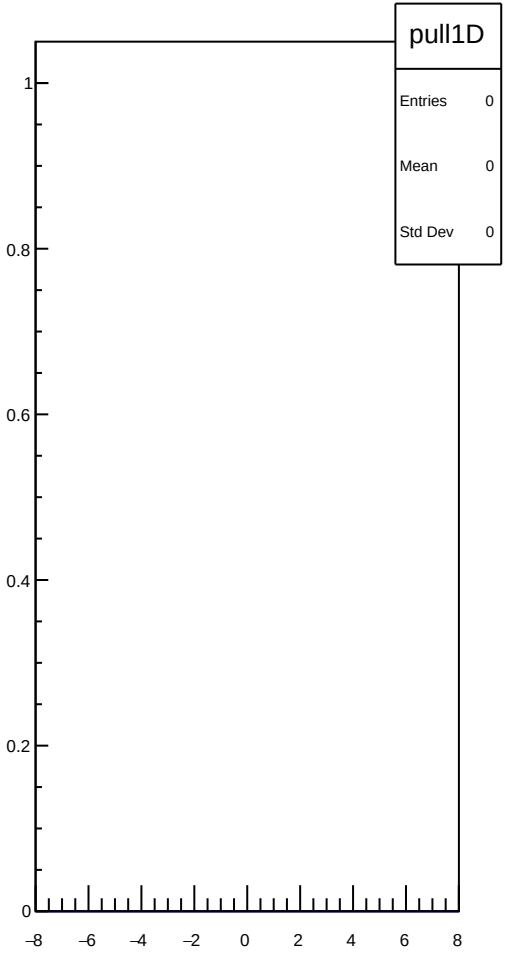

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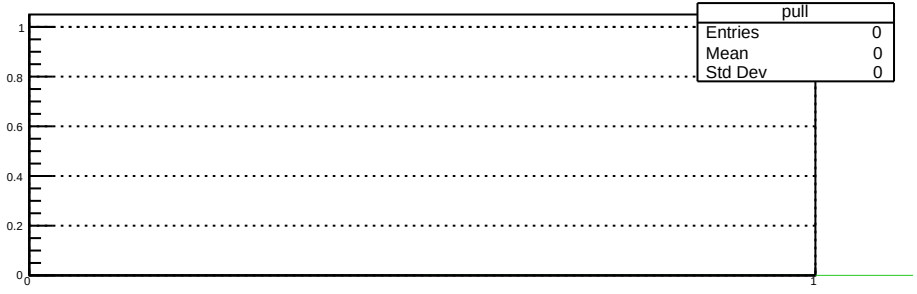

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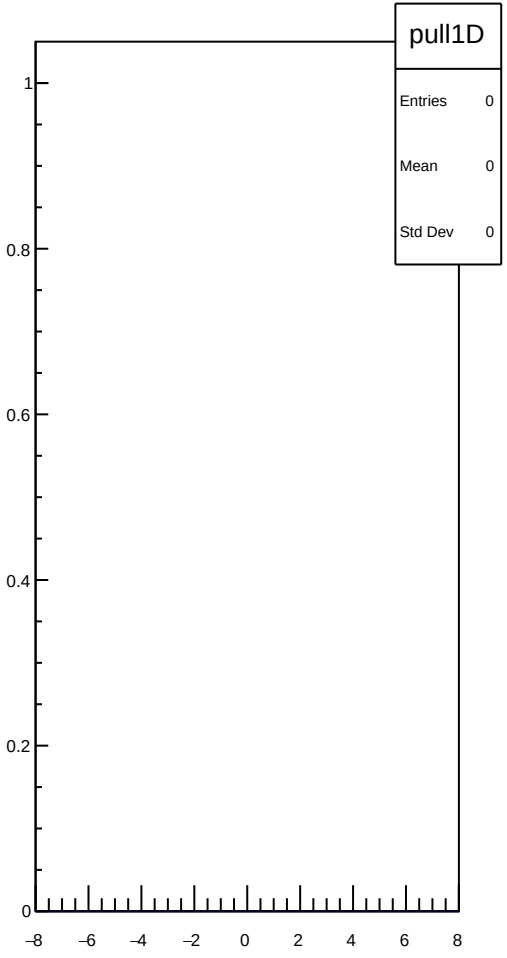

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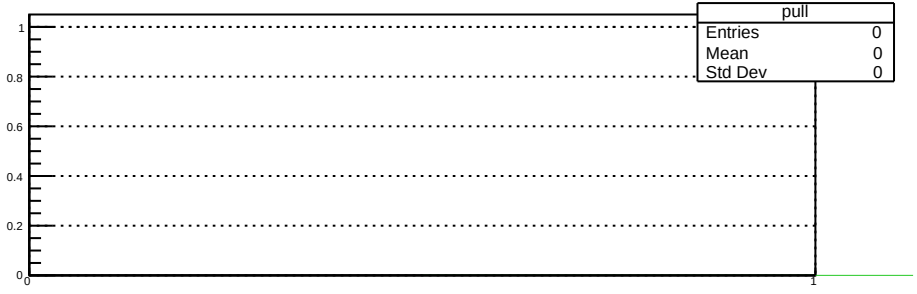

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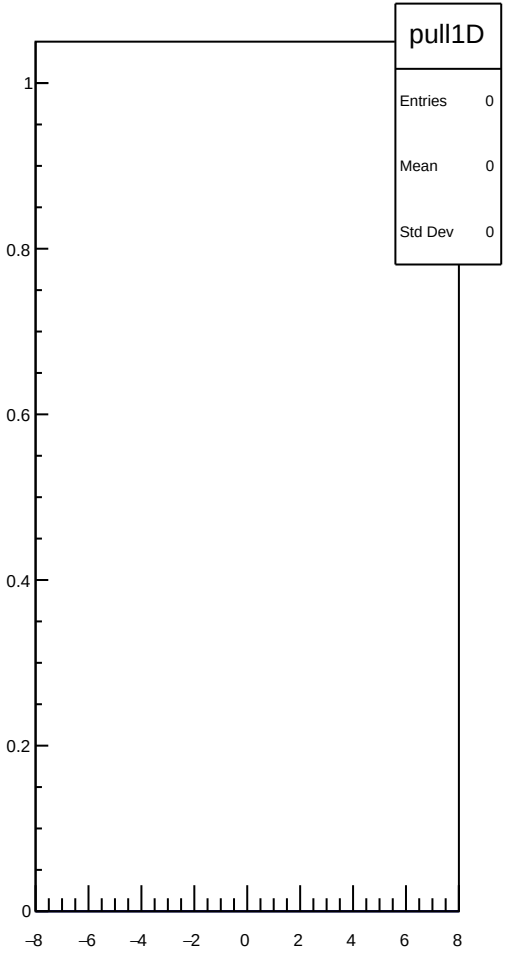

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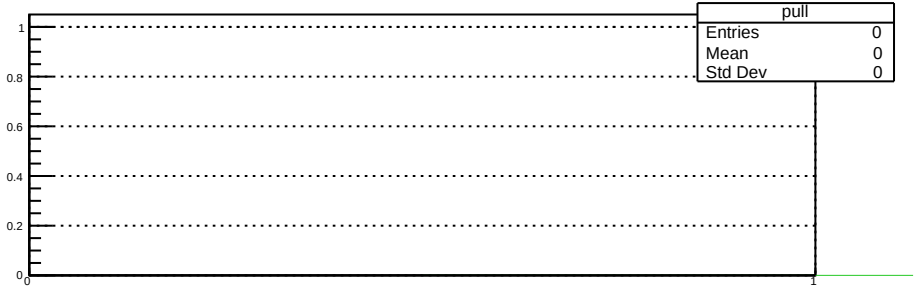

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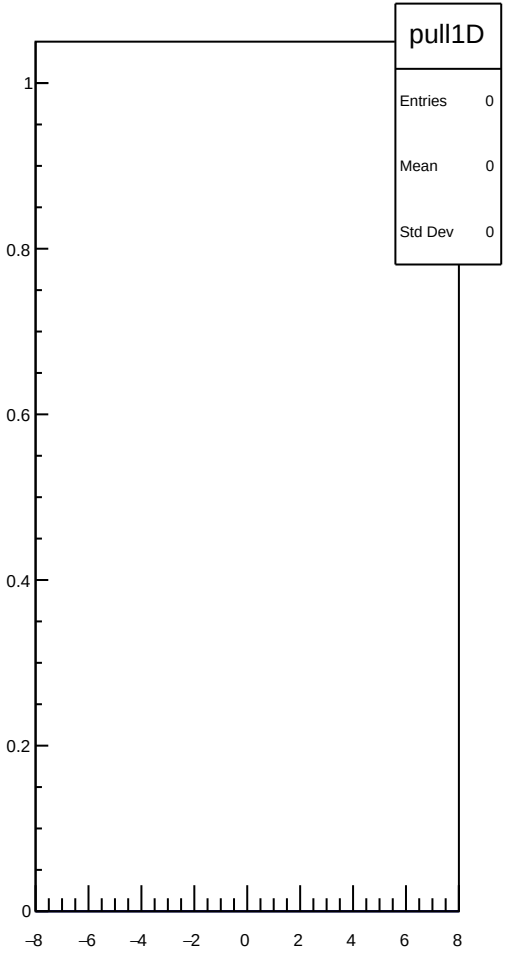

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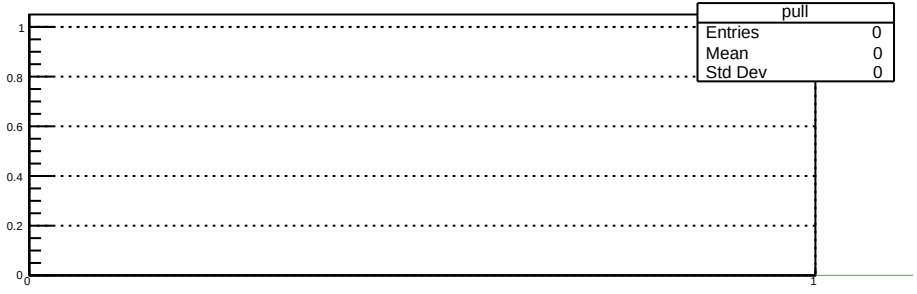

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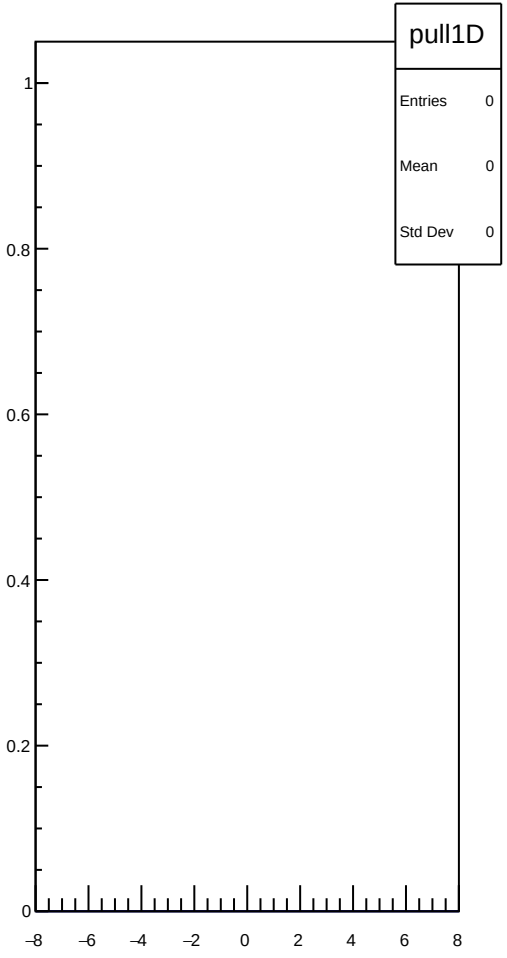

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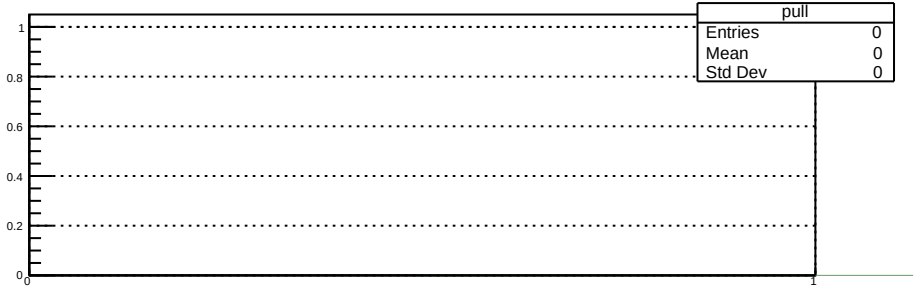

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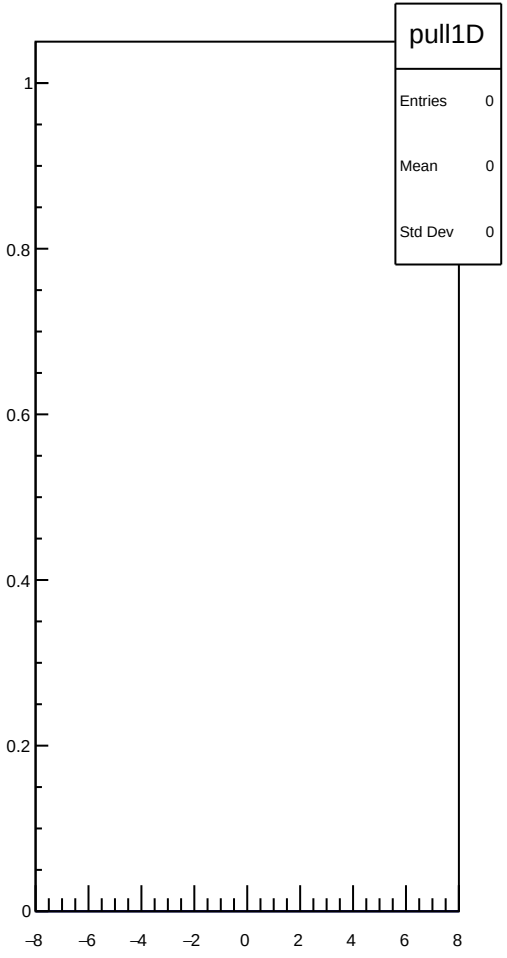

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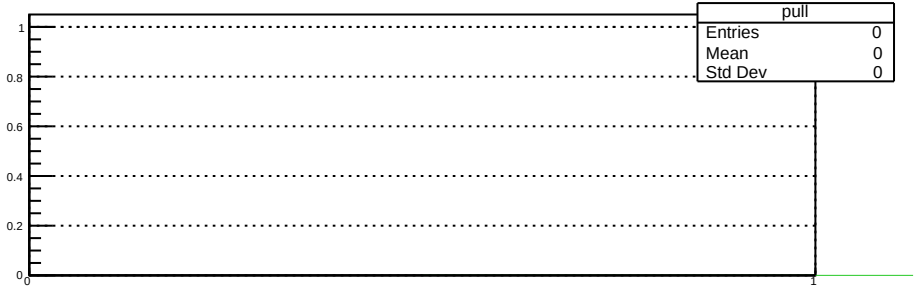

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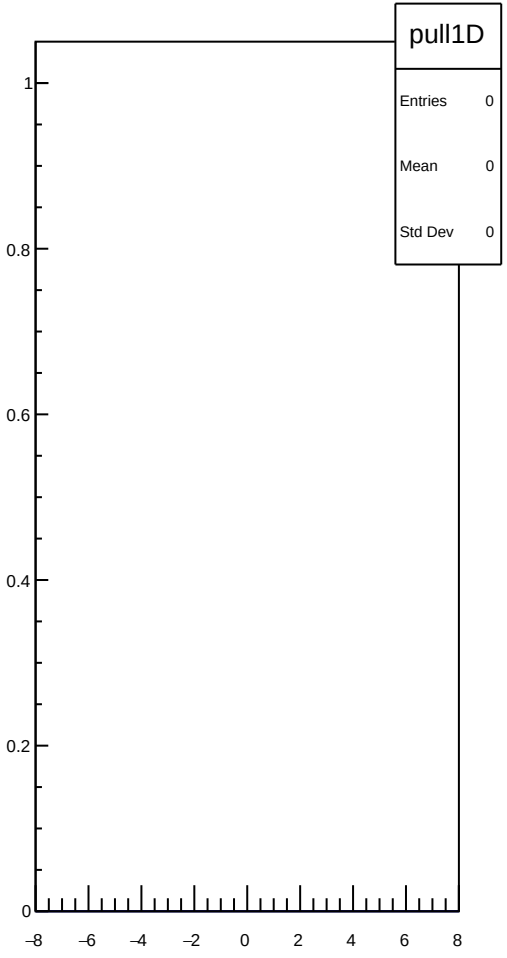

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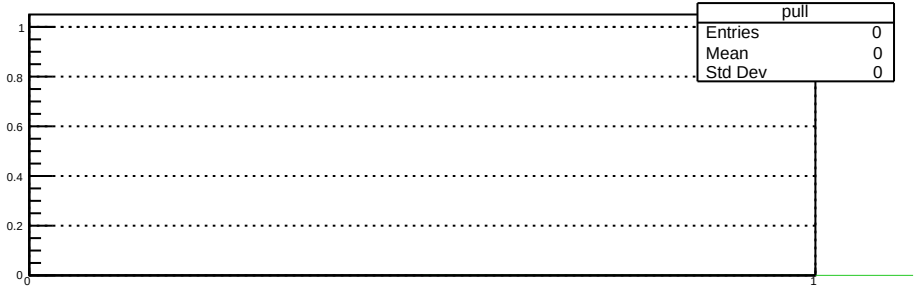

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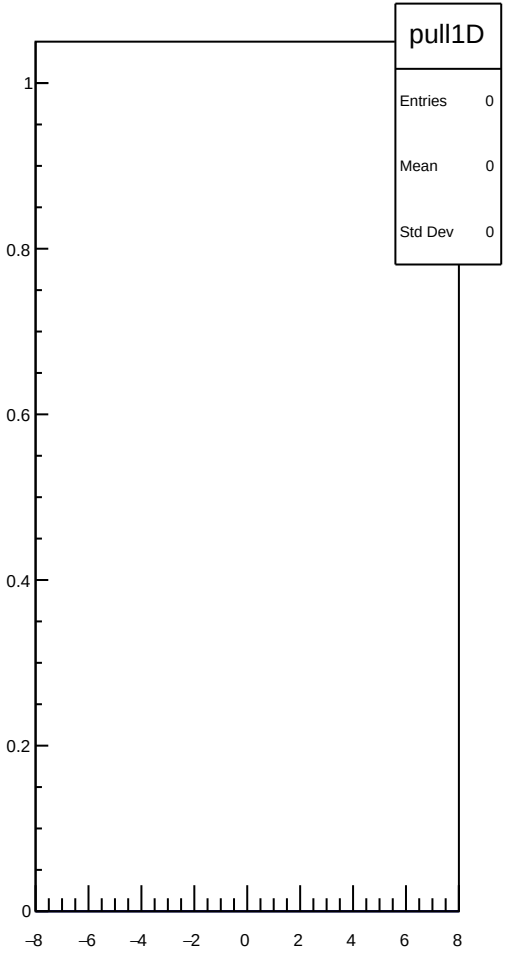

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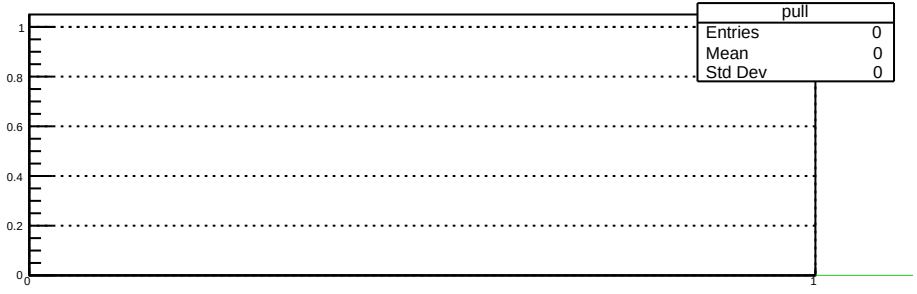

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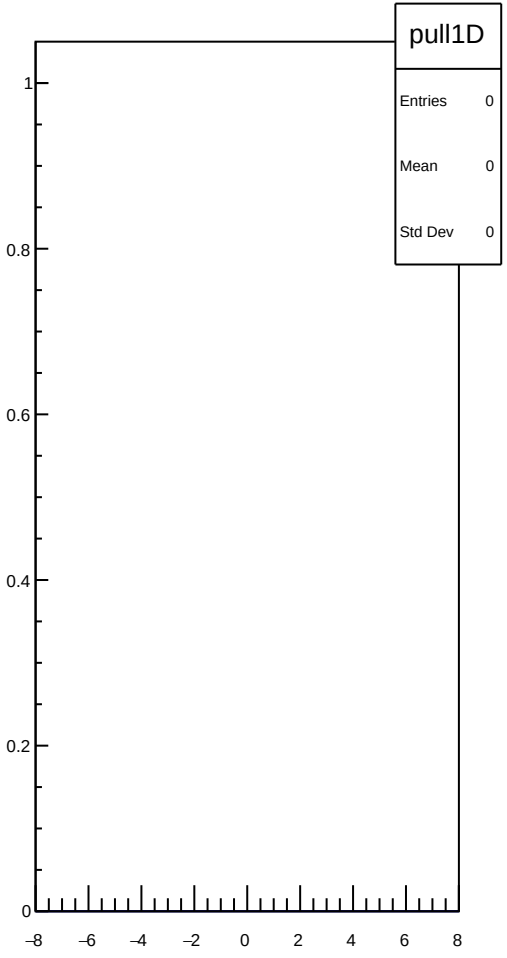

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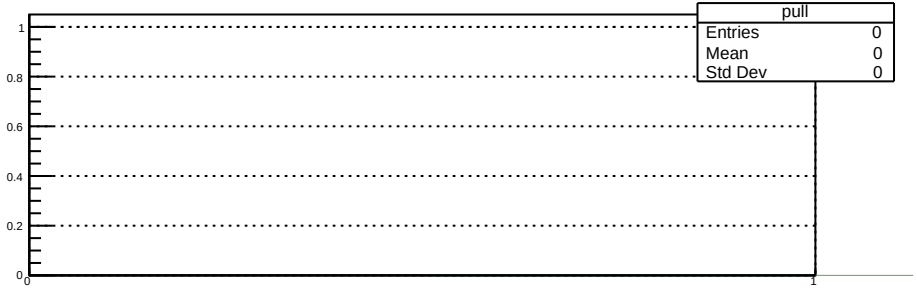

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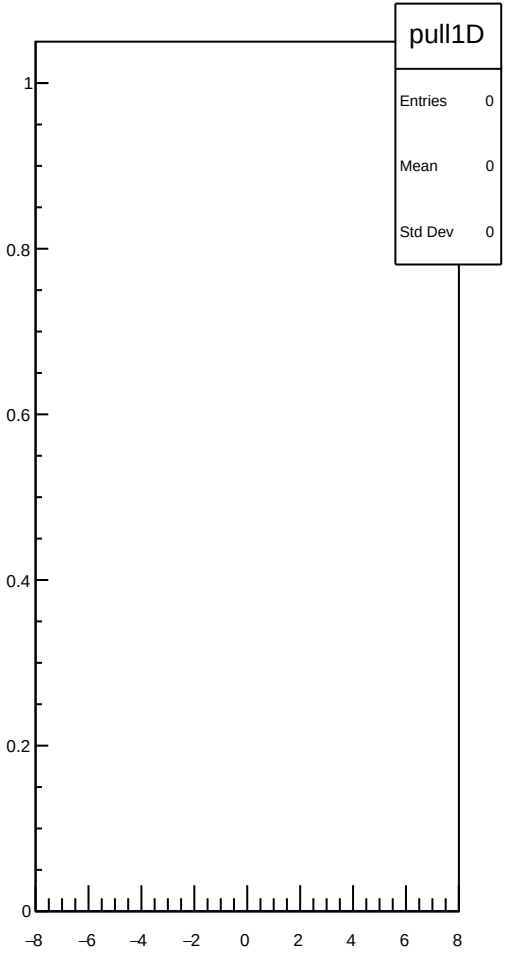

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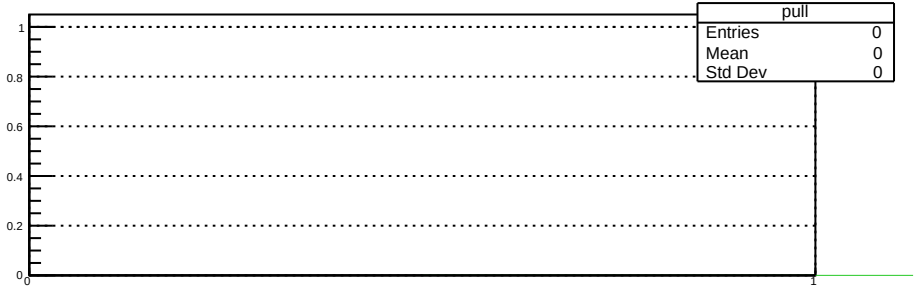

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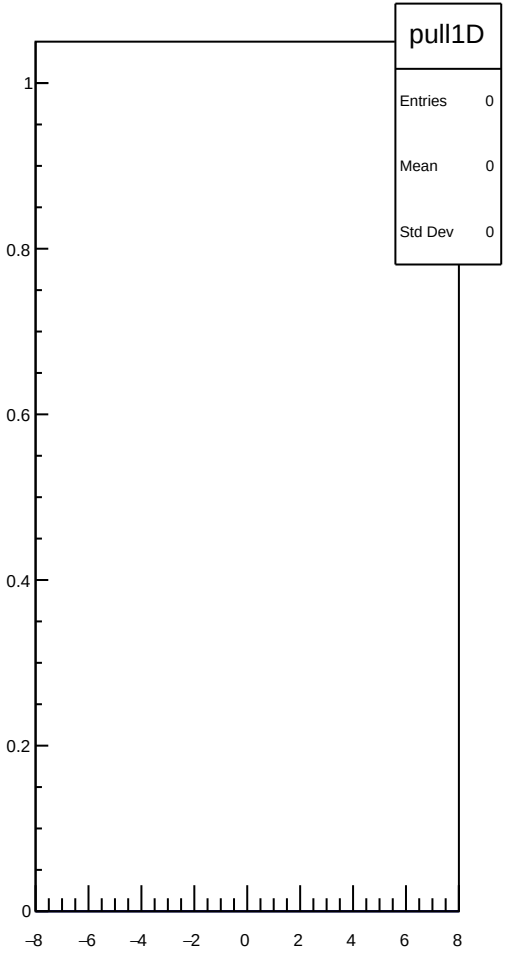

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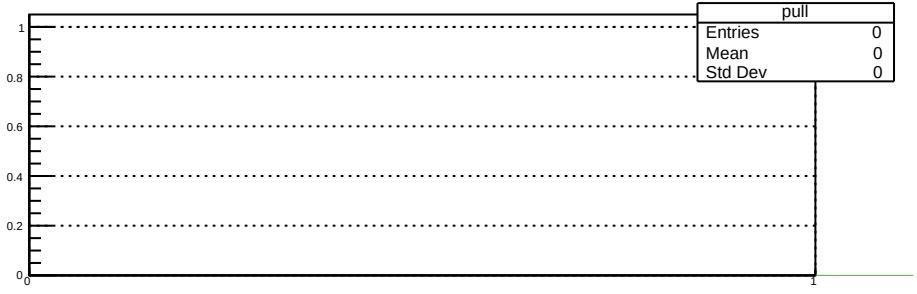

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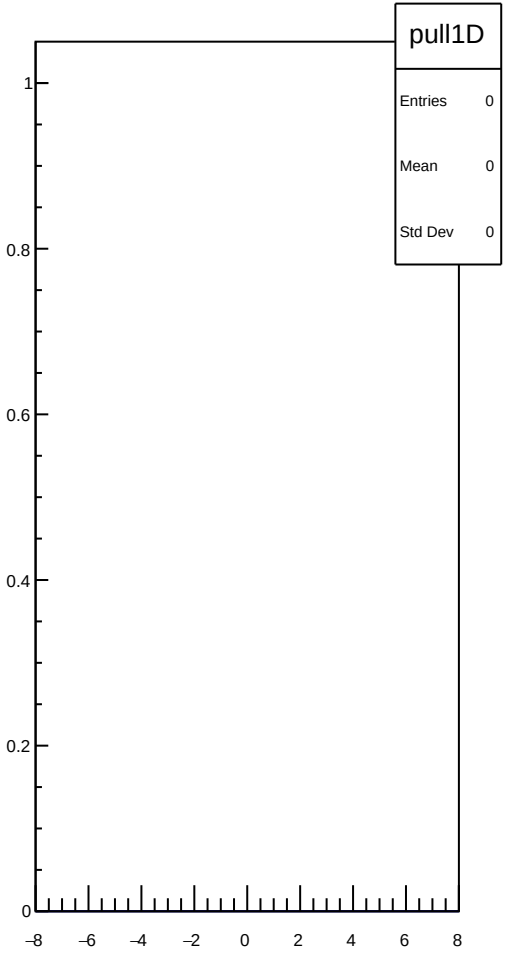

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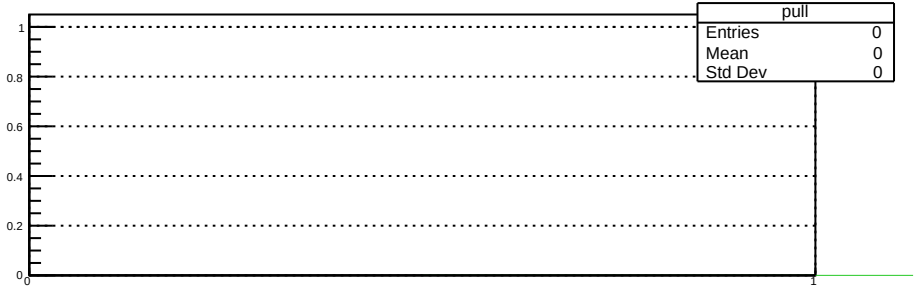

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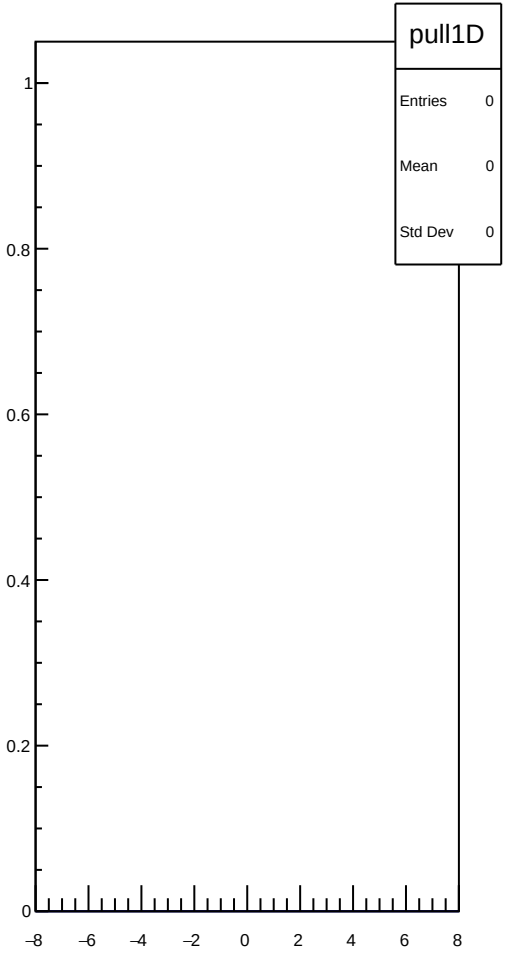

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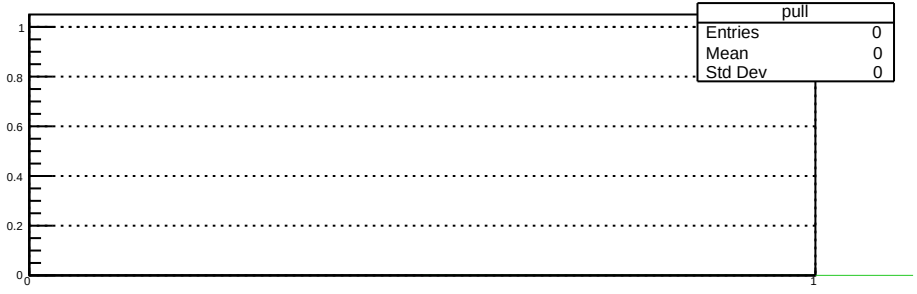

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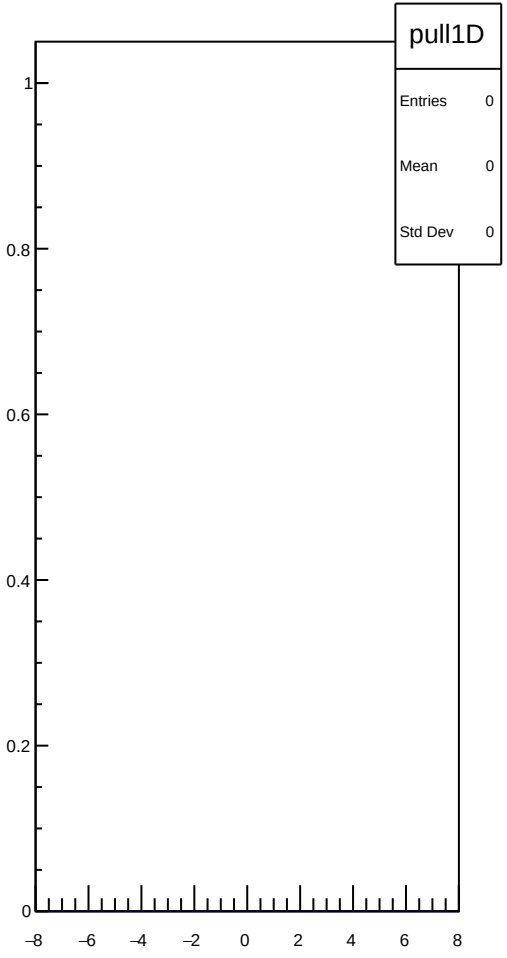

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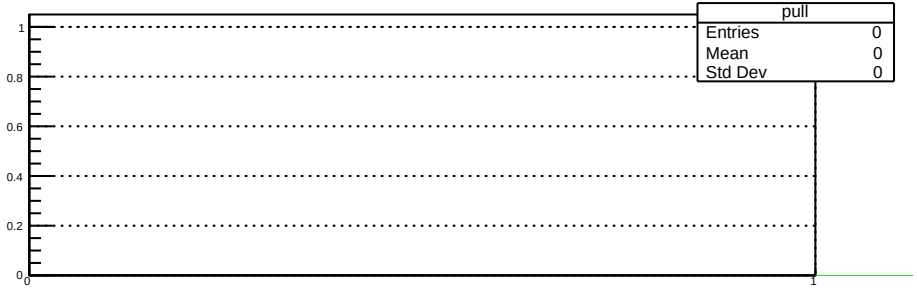

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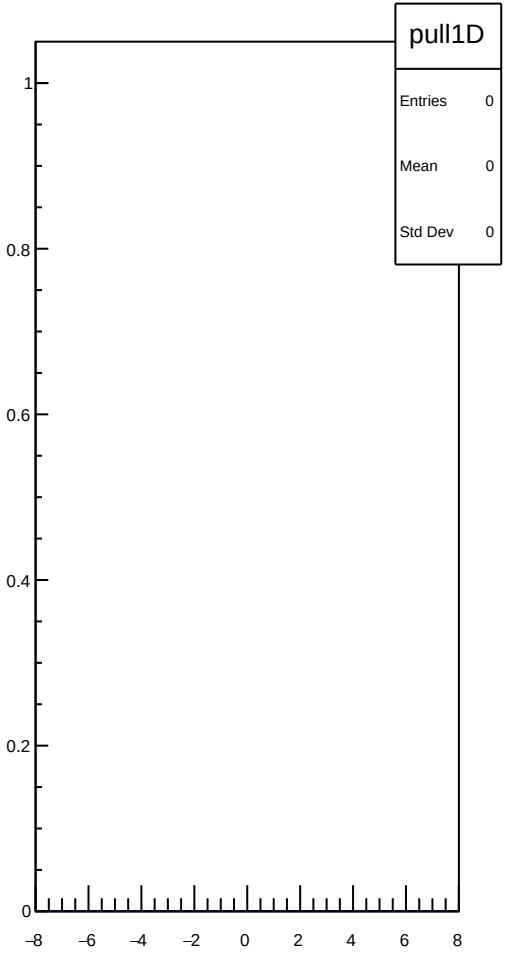

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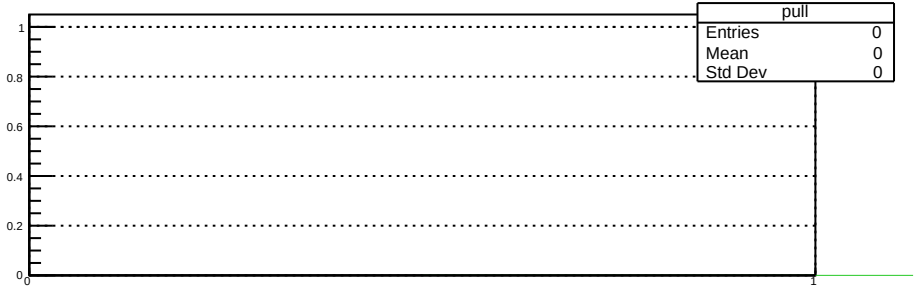

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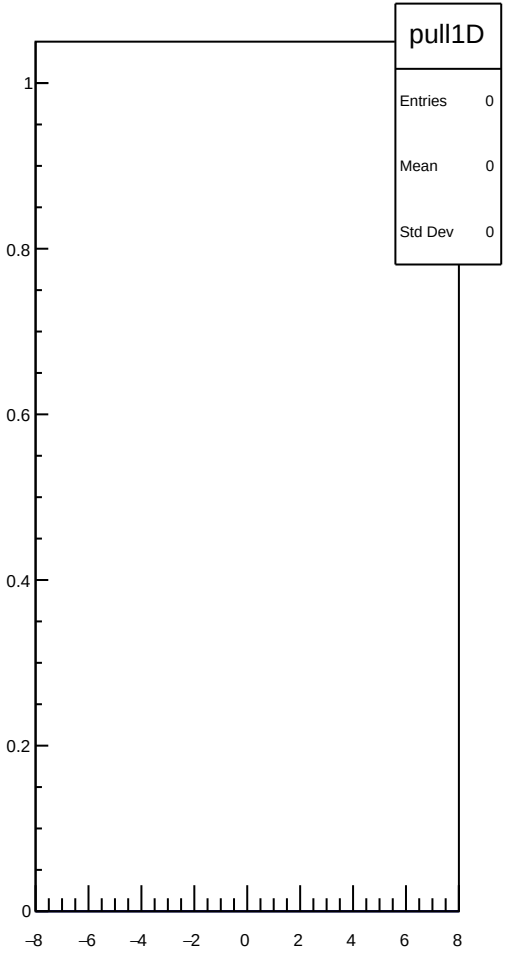

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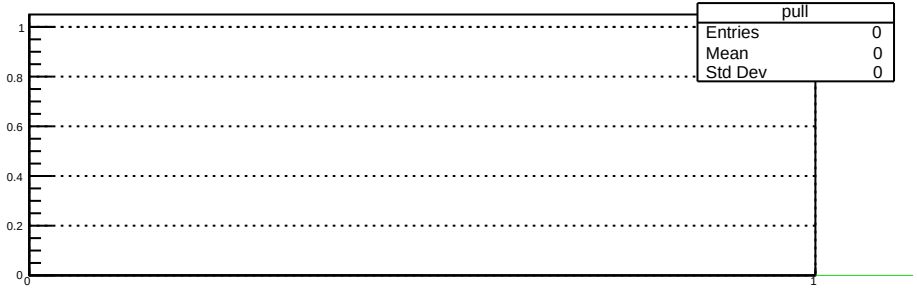

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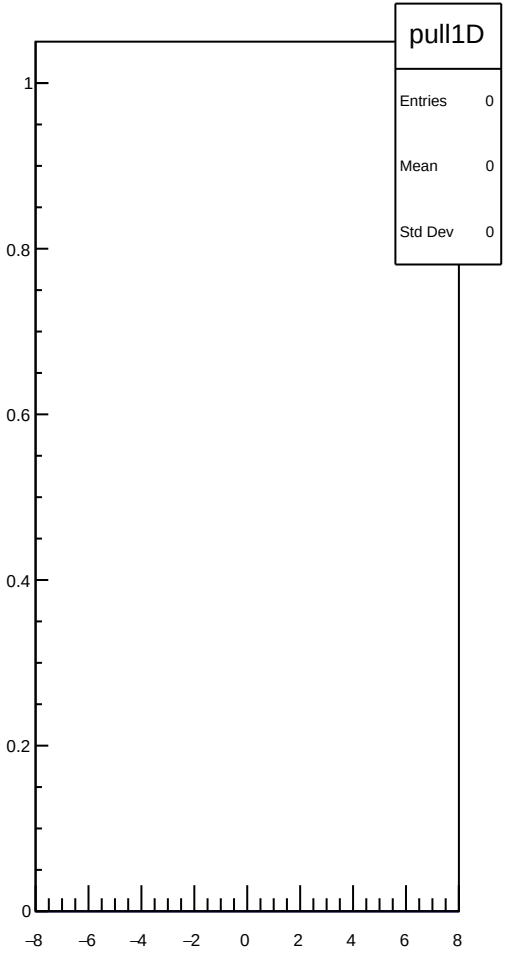

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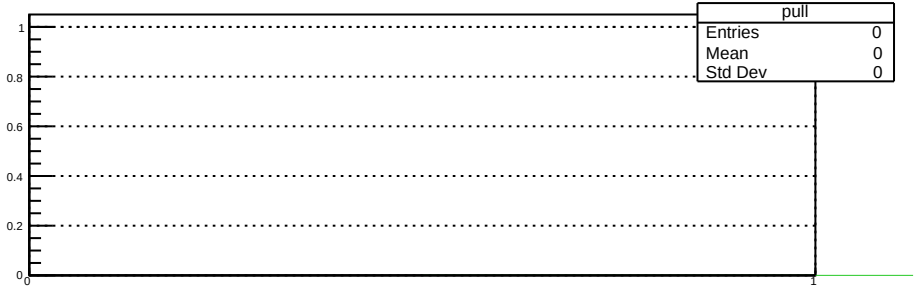

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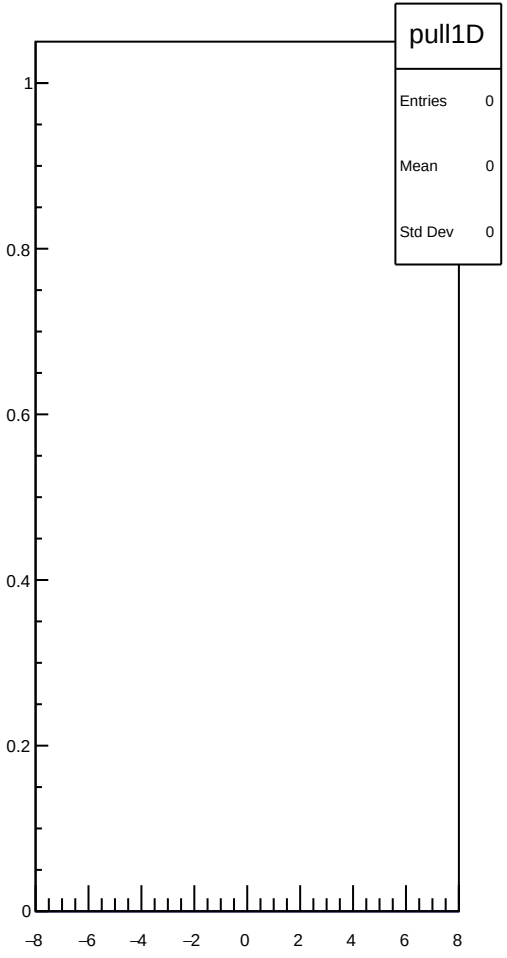

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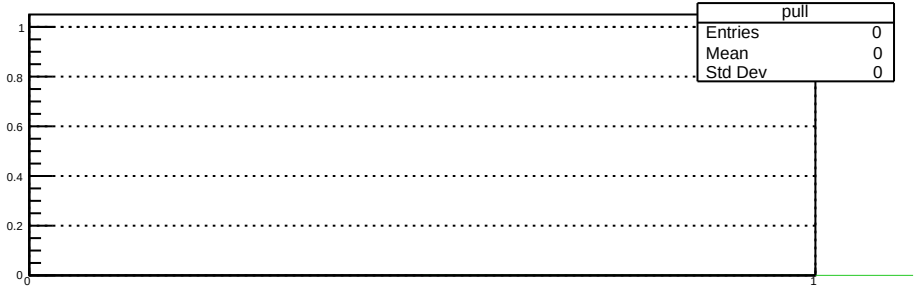

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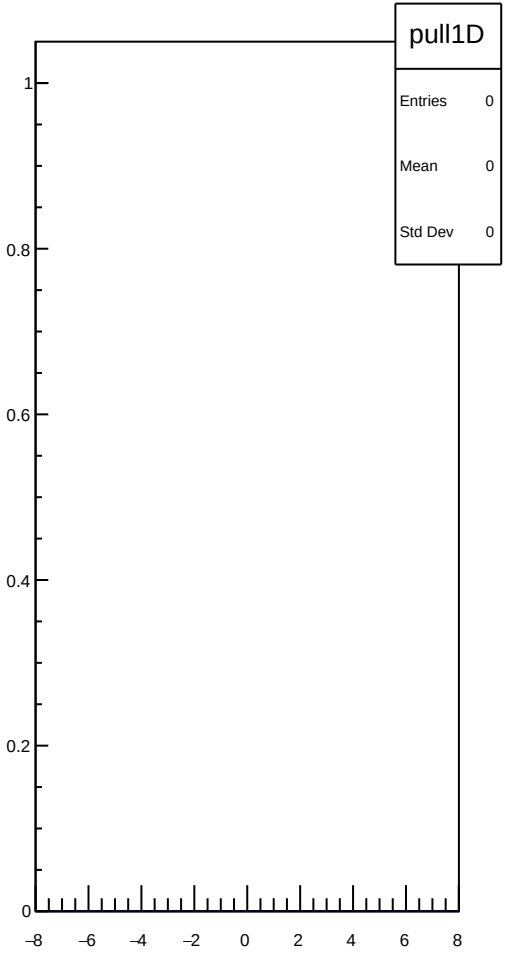

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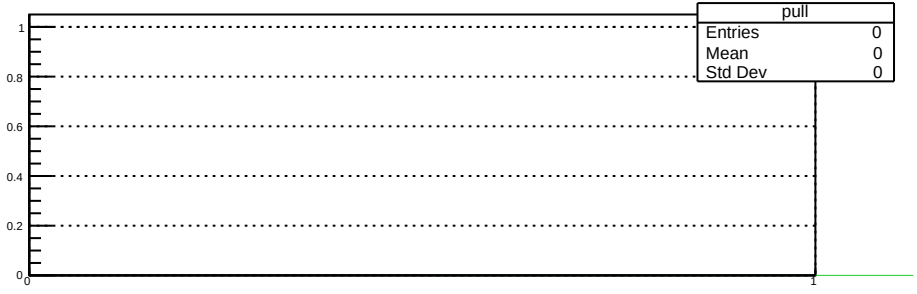

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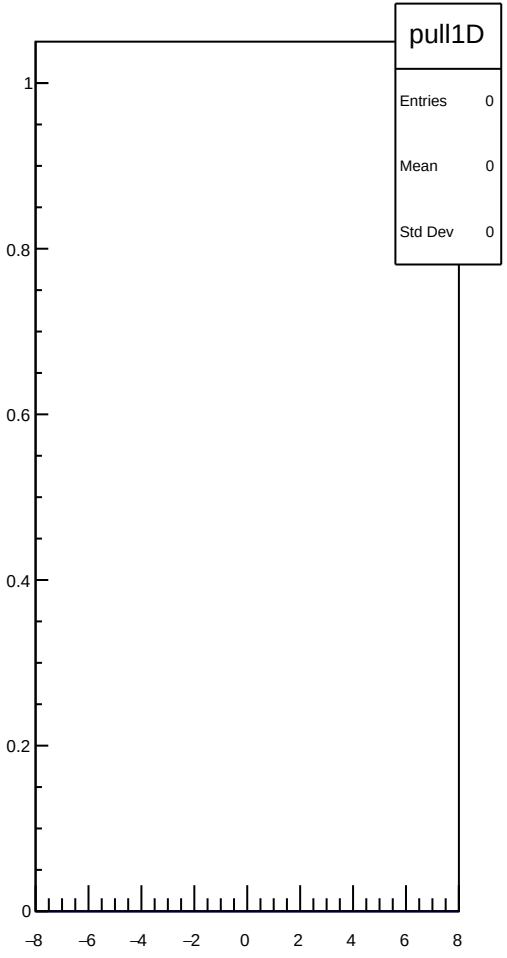

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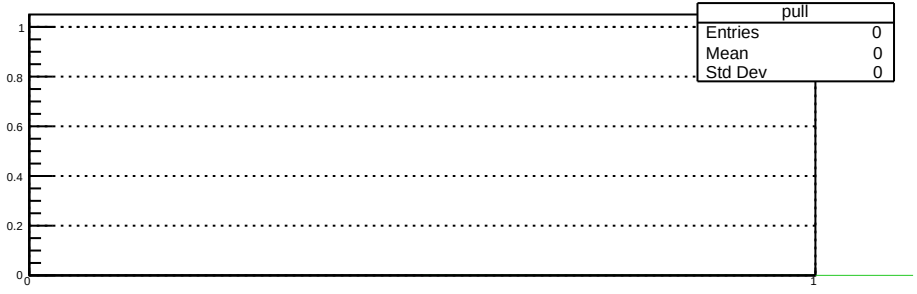

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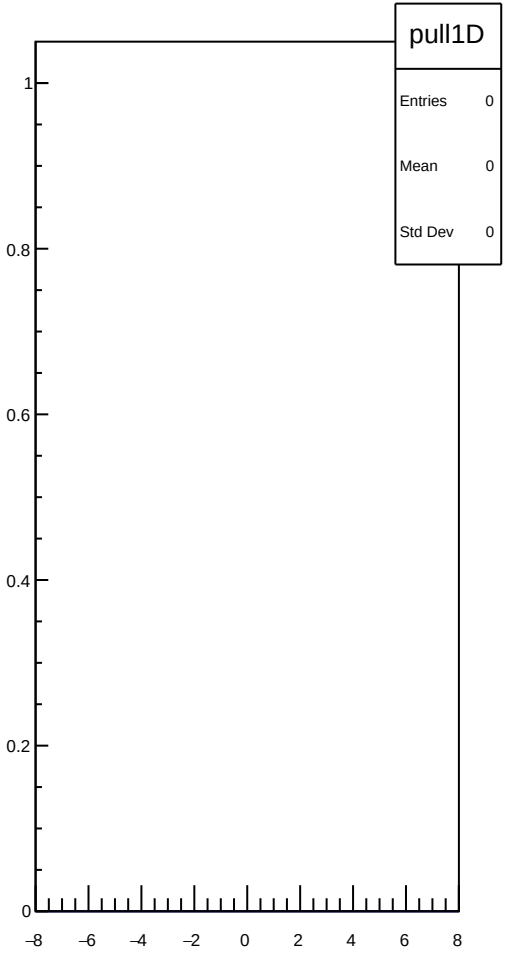

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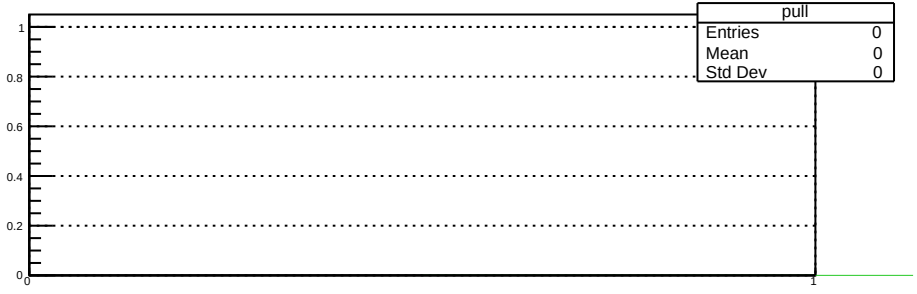

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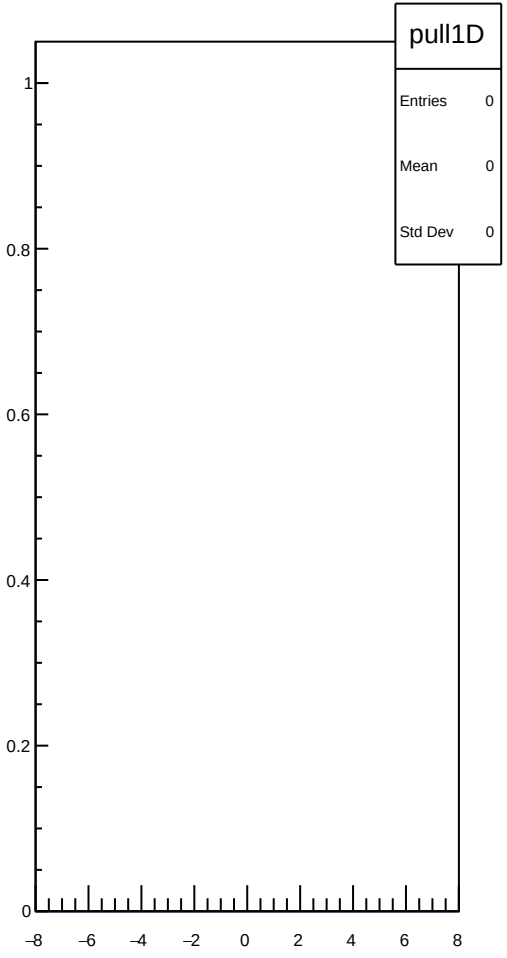

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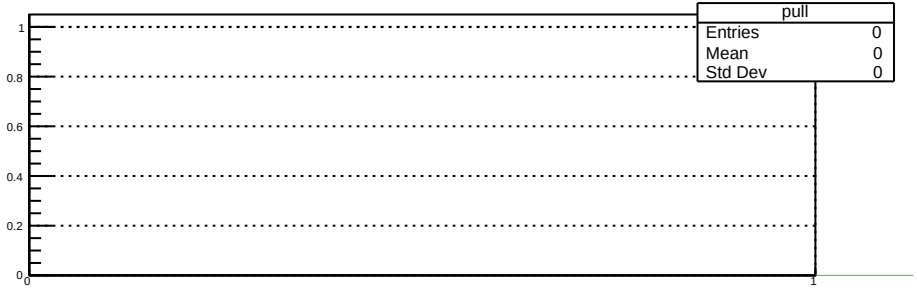

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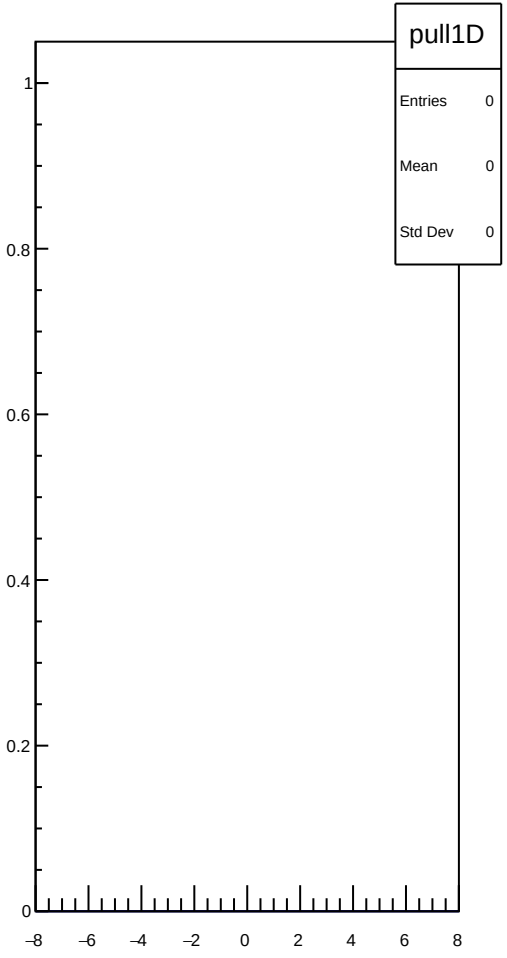

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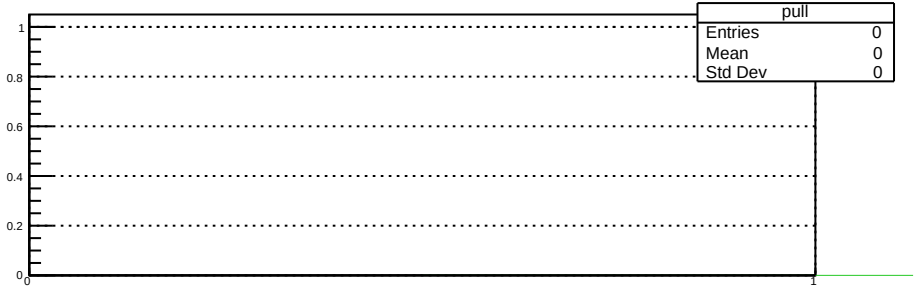

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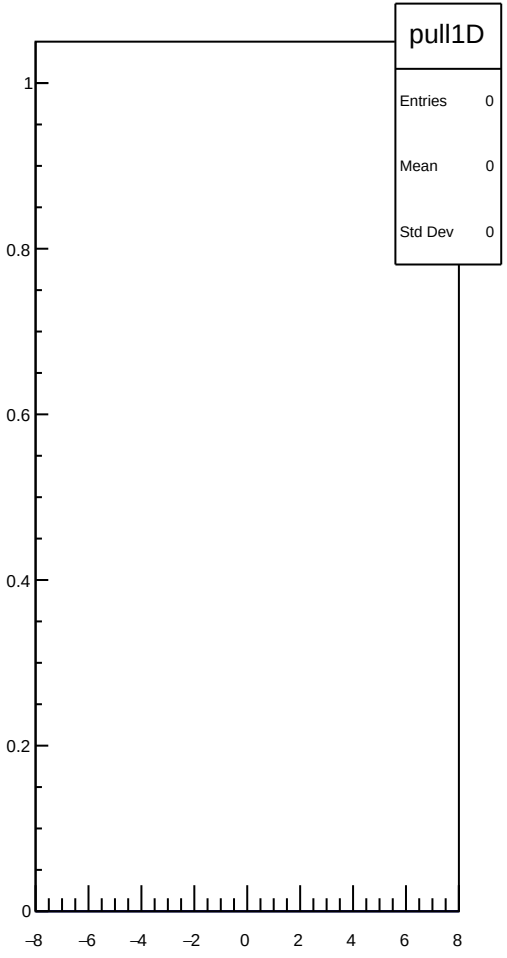

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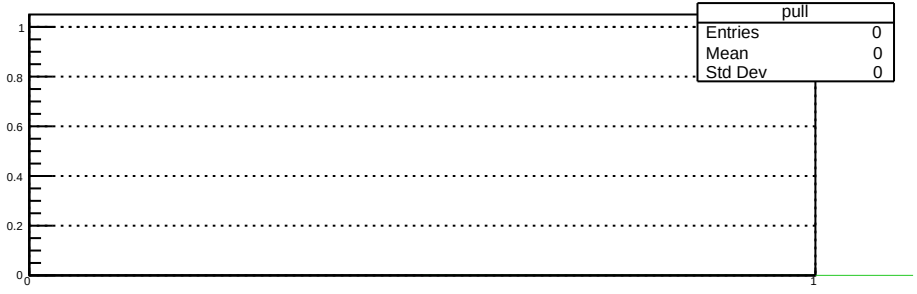

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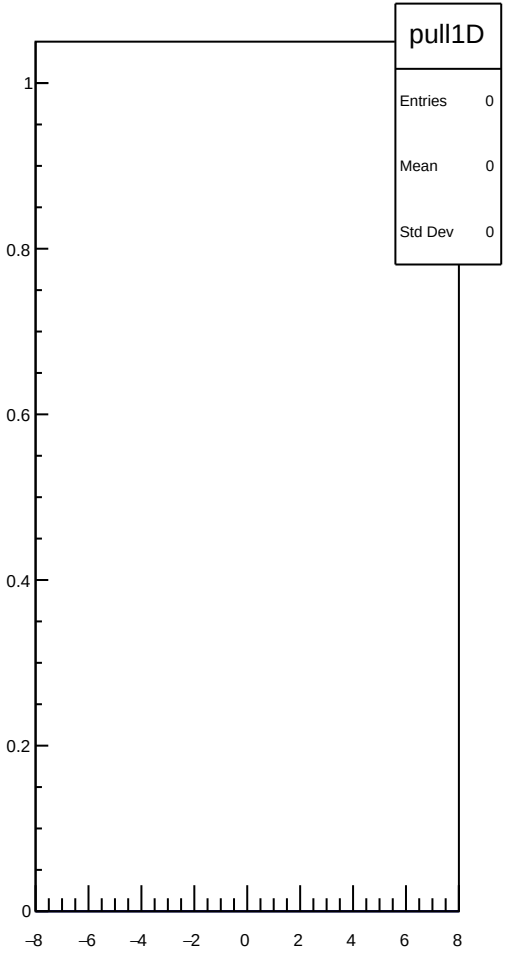

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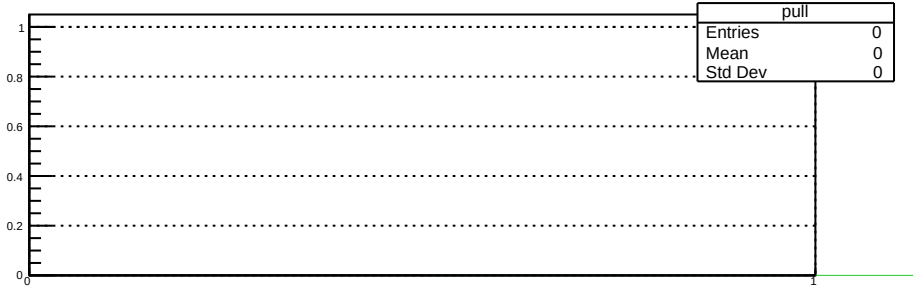

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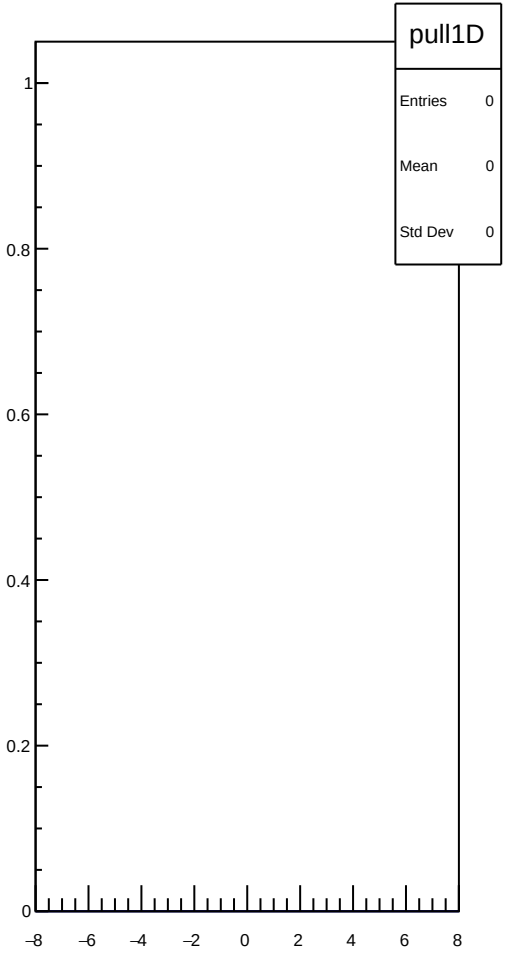

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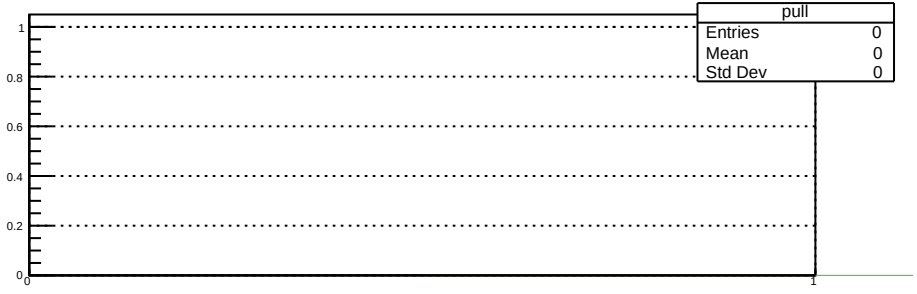

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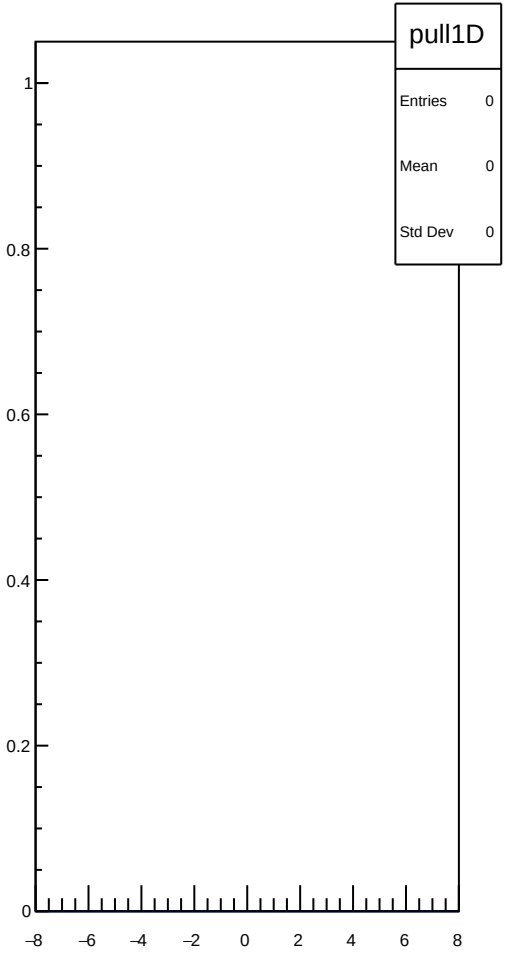

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0
1

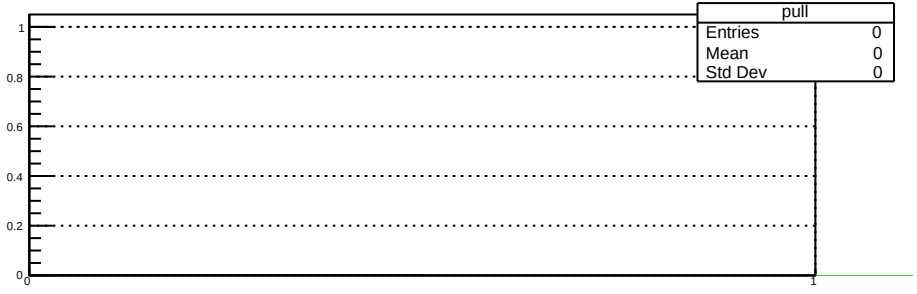

pull1D
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
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–6
–4
–2
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6
8

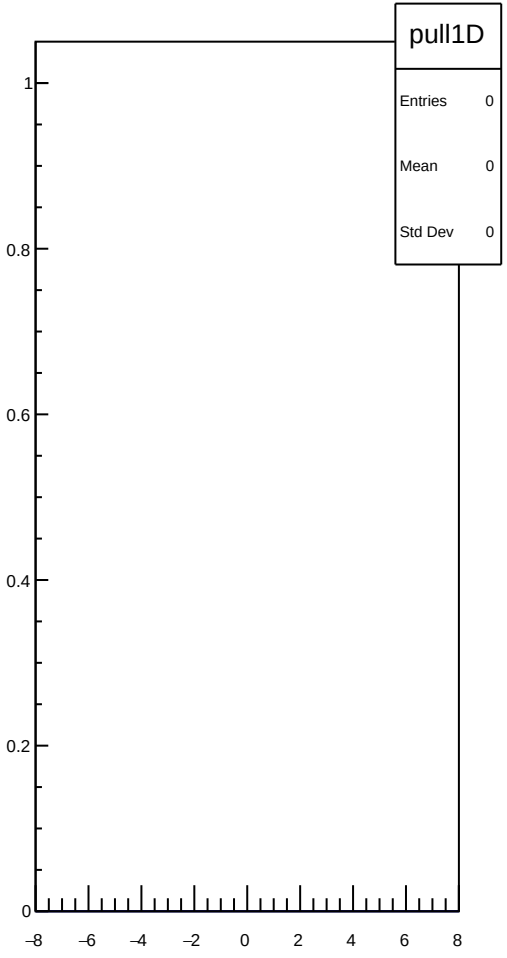

pull
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
0
0
1

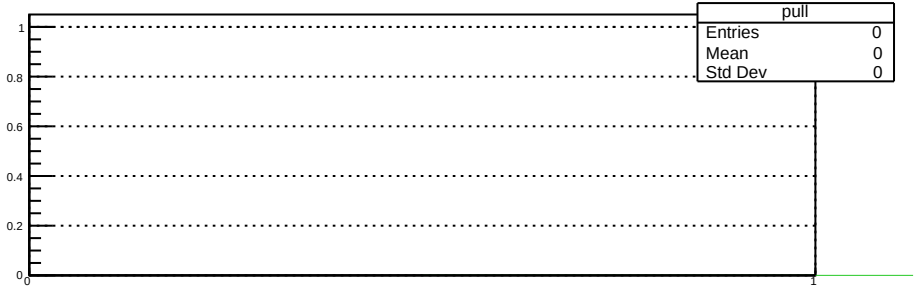

pull1D
Entries 0
Mean 0
Std Dev 0
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0.4
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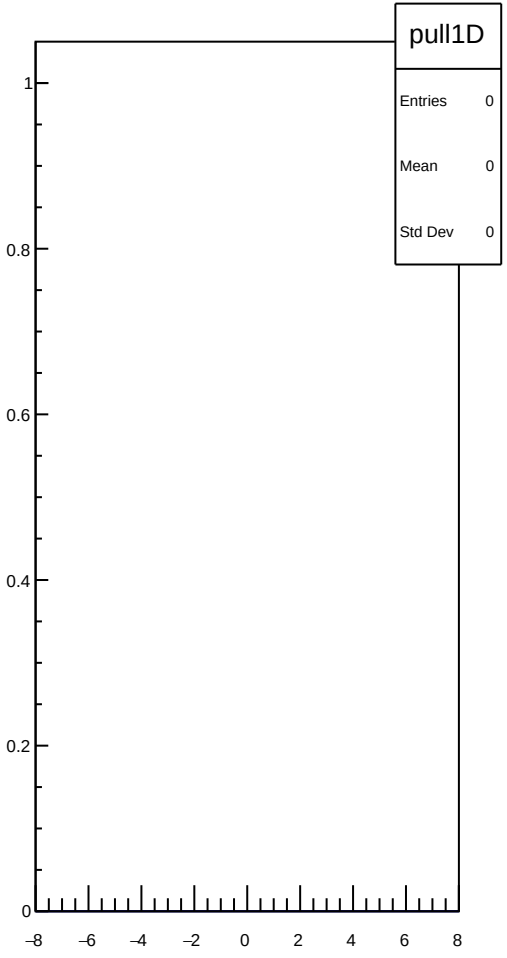

pull
Entries 0
Mean 0
Std Dev 0
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0.6
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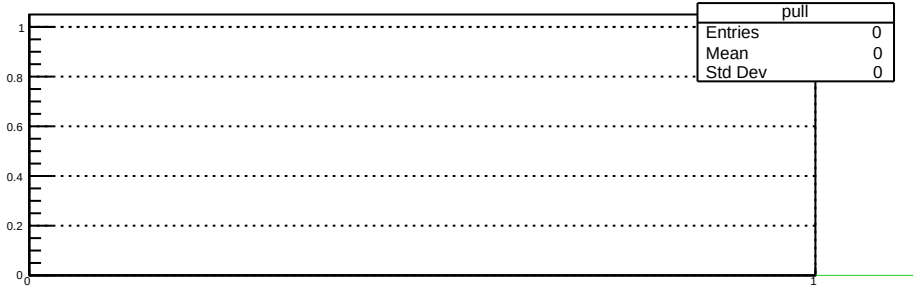

pull1D
Entries 0
Mean 0
Std Dev 0
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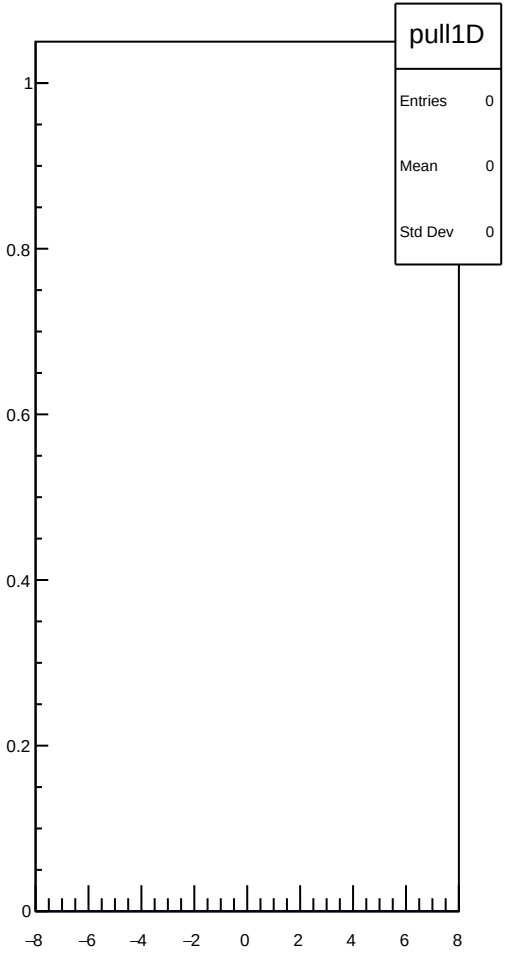

pull
Entries 0
Mean 0
Std Dev 0
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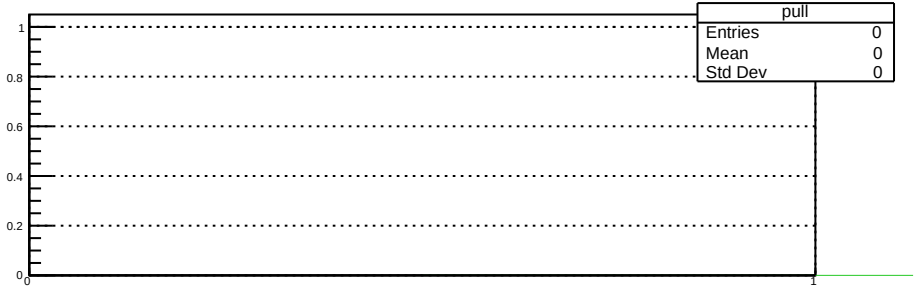

pull1D
Entries 0
Mean 0
Std Dev 0
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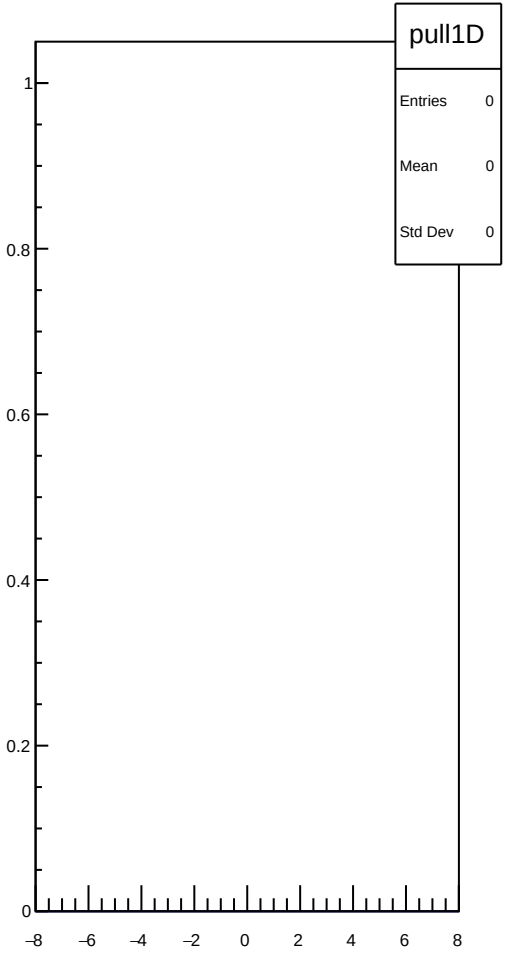

pull
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Std Dev 0
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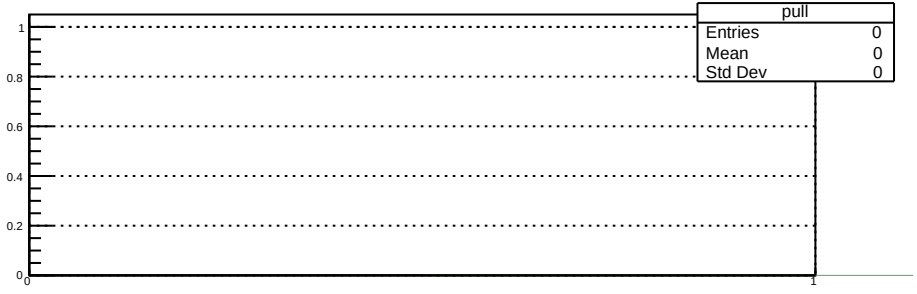

pull1D
Entries 0
Mean 0
Std Dev 0
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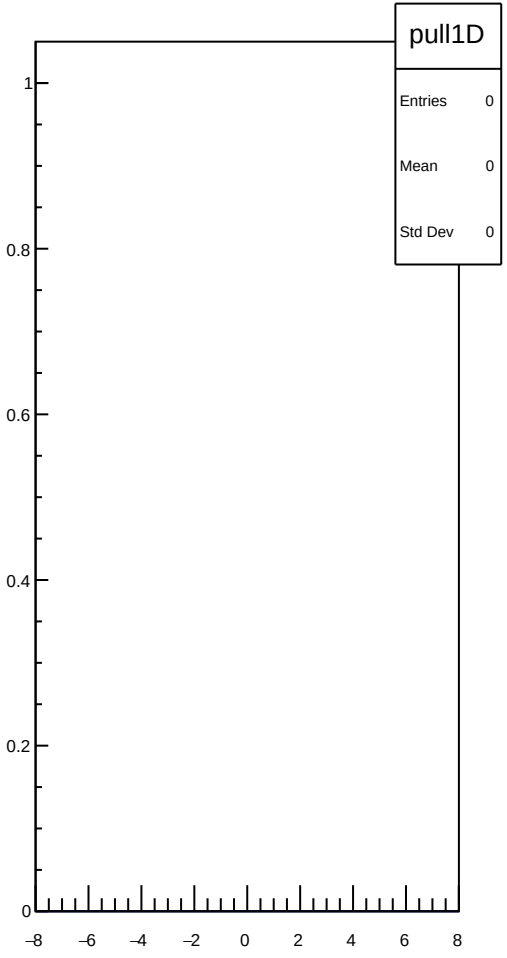

pull
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Std Dev 0
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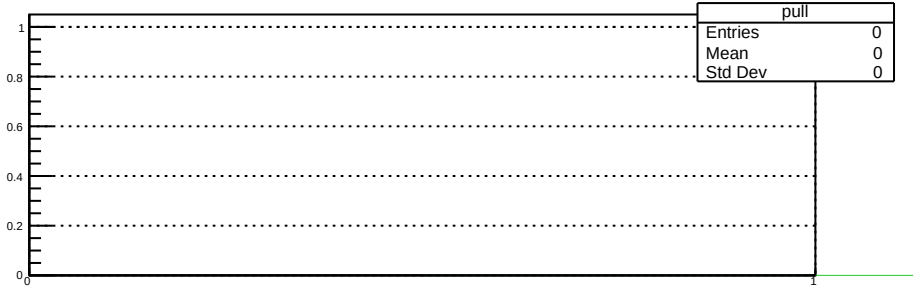

pull1D
Entries 0
Mean 0
Std Dev 0
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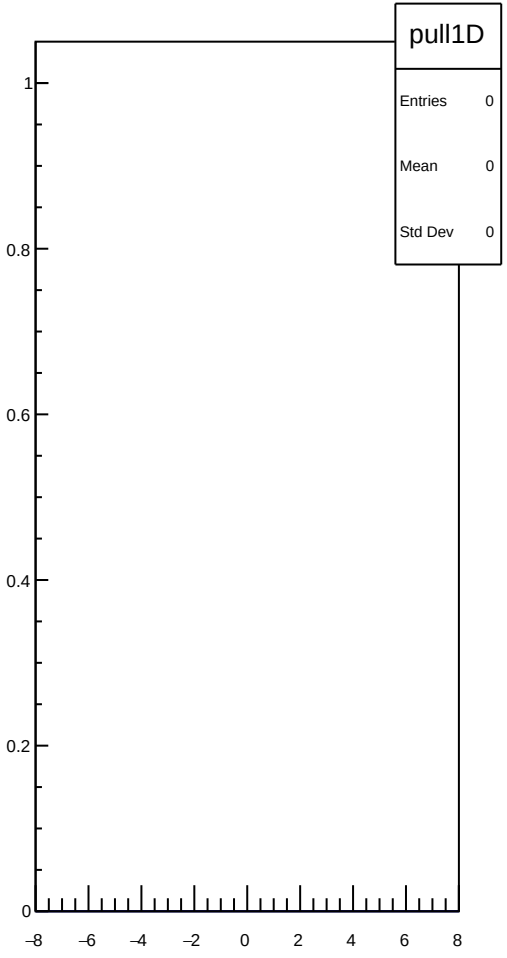

pull
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Mean 0
Std Dev 0
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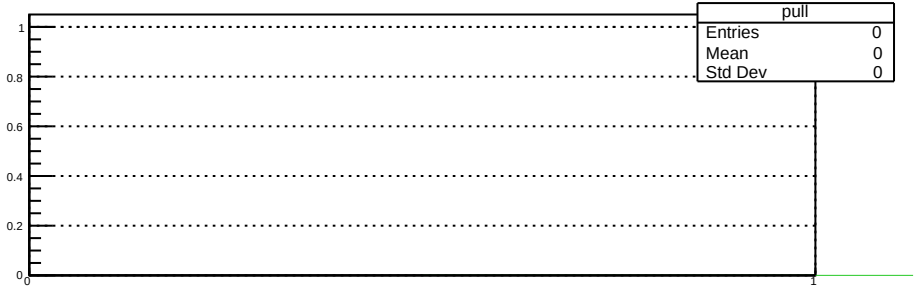

pull1D
Entries 0
Mean 0
Std Dev 0
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6
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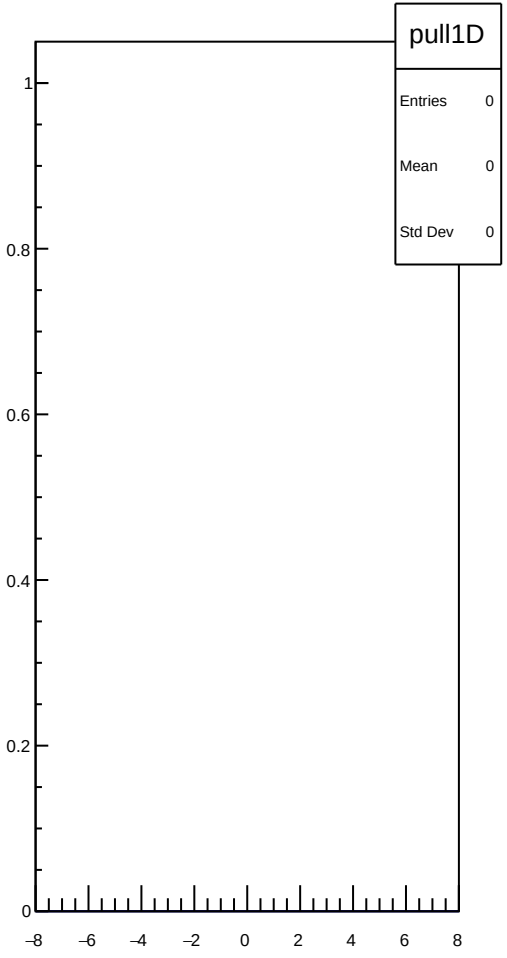

pull
Entries 0
Mean 0
Std Dev 0
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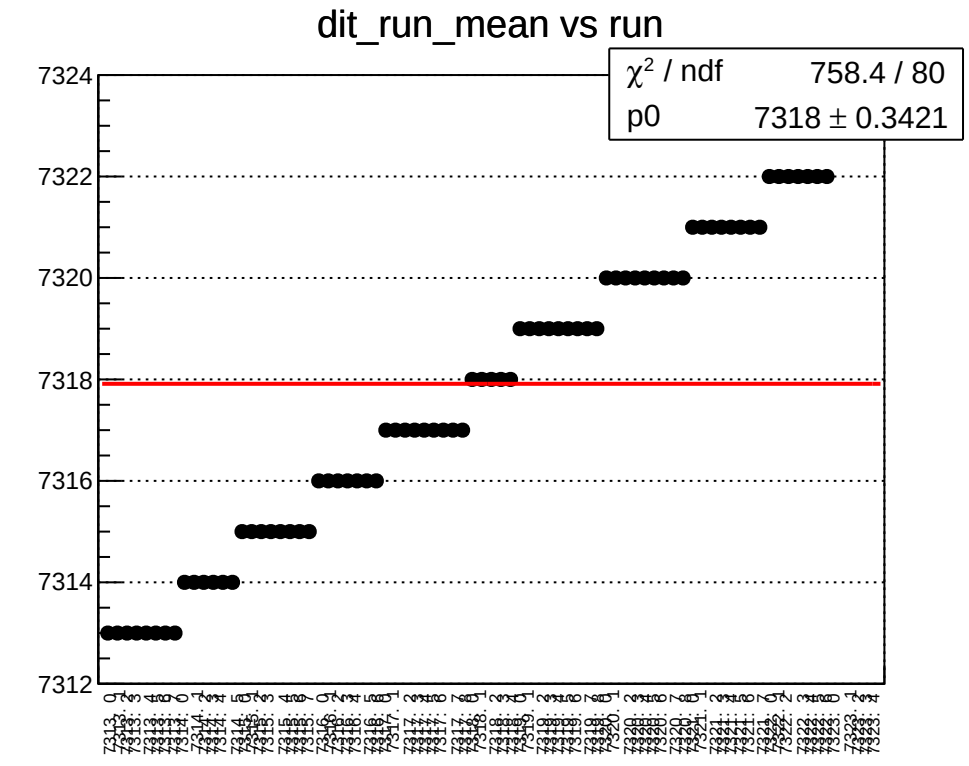

pull1D
Entries 0
Mean 0
Std Dev 0
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0.4
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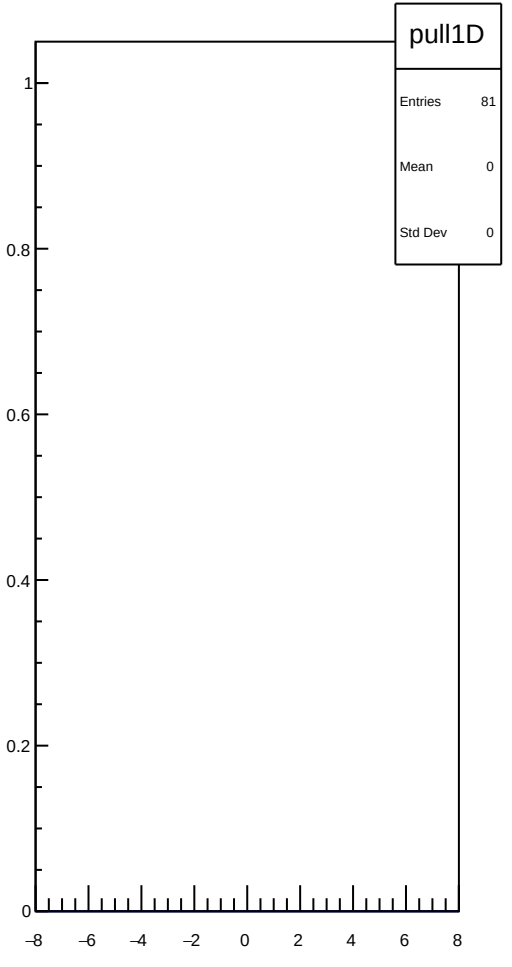

pull
Entries 0
Mean 0
Std Dev 0
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0.6
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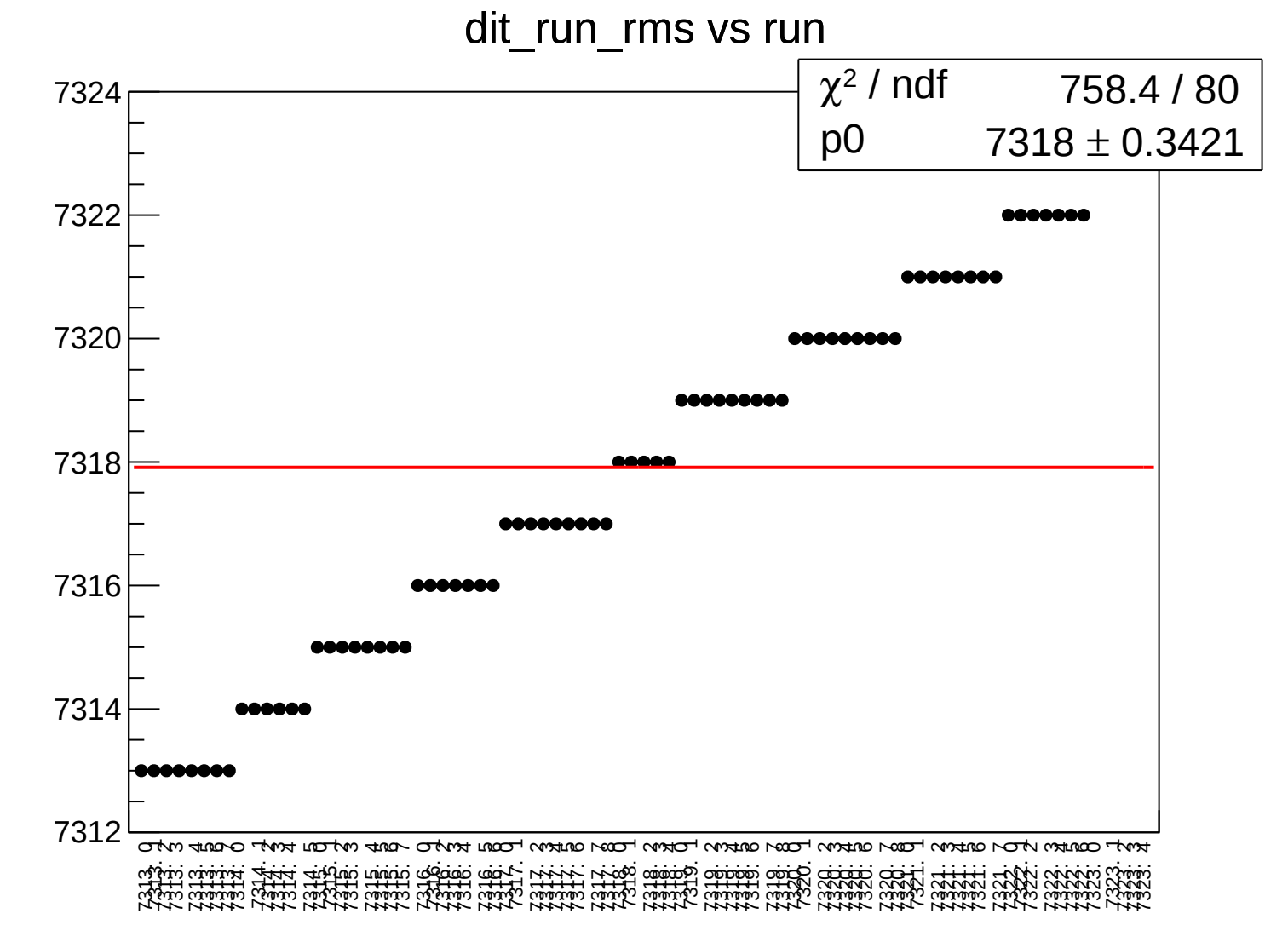

pull1D
Entries 0
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
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–4
–2
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6
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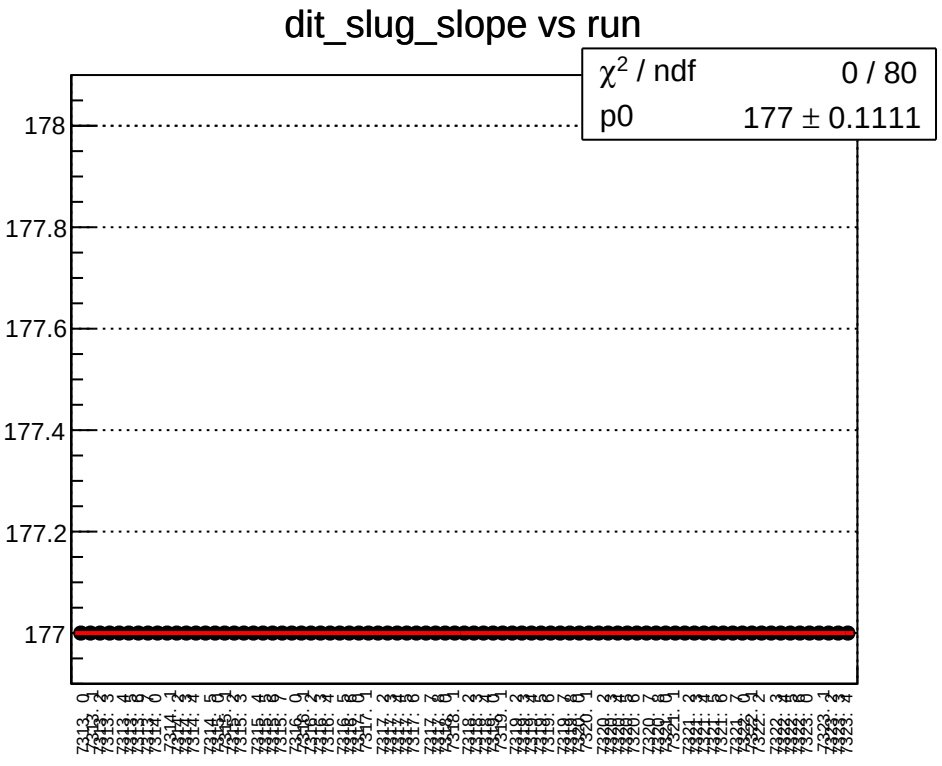

pull
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
0
0
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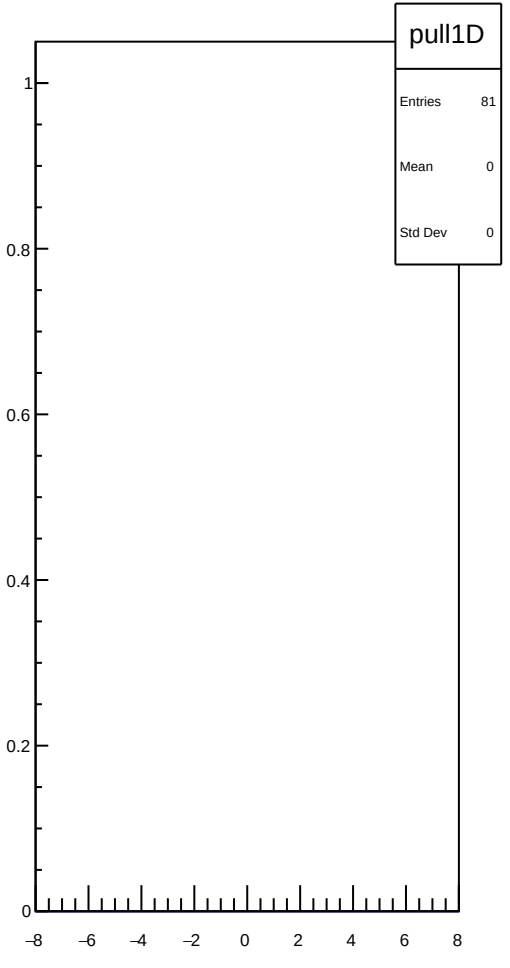

pull1D
Entries 0
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
0
–8
–6
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2
4
6
8

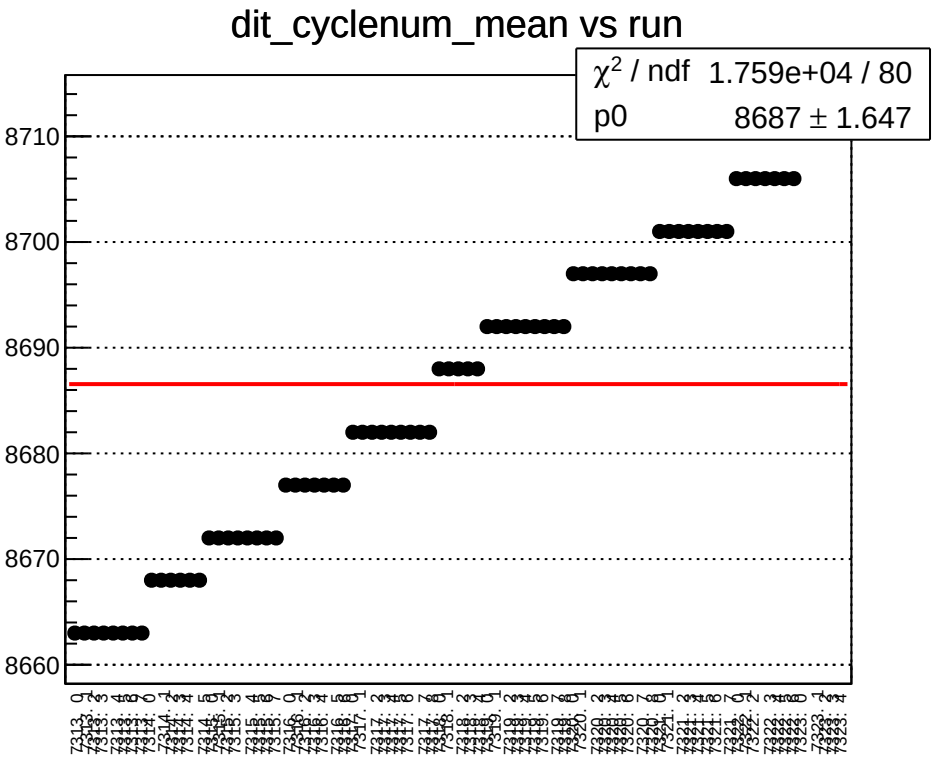

dit_run_mean vs run
χ^2 / ndf 758.4 / 80
p0 7318 ± 0.3421
7324
7322
7320
7318
7316
7314
7312

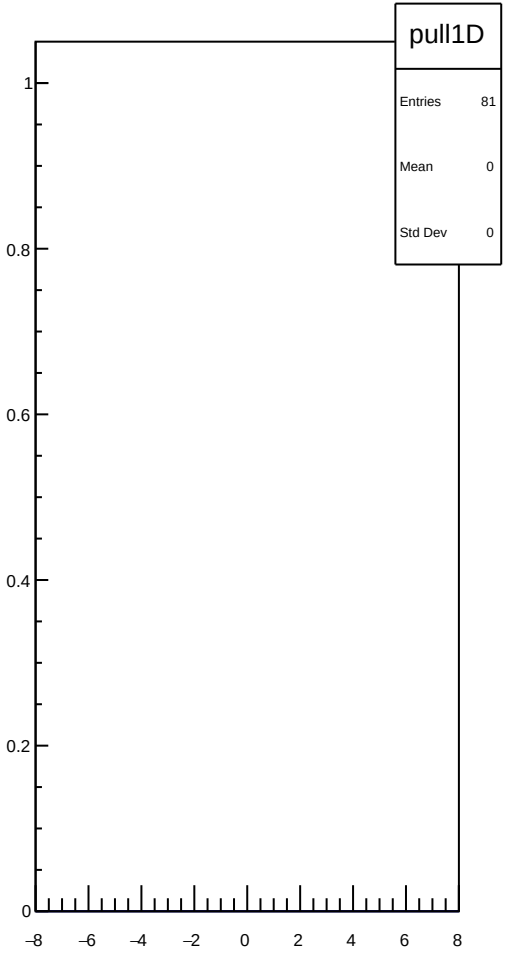

pull1D
Entries 81
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

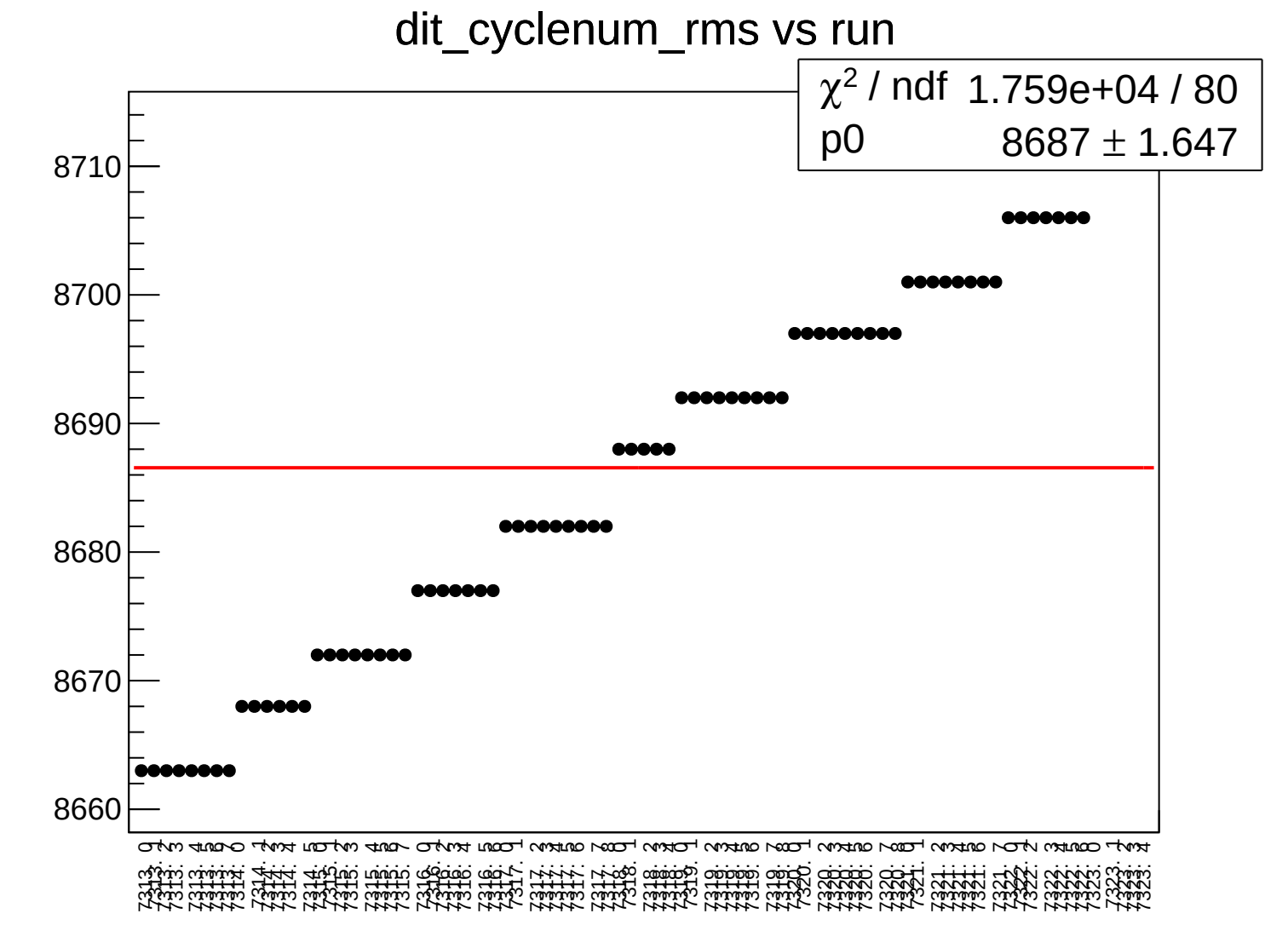

dit_run_rms vs run
χ² / ndf 758.4 / 80
p0 7318 ± 0.3421
7324
7322
7320
7318
7316
7314
7312

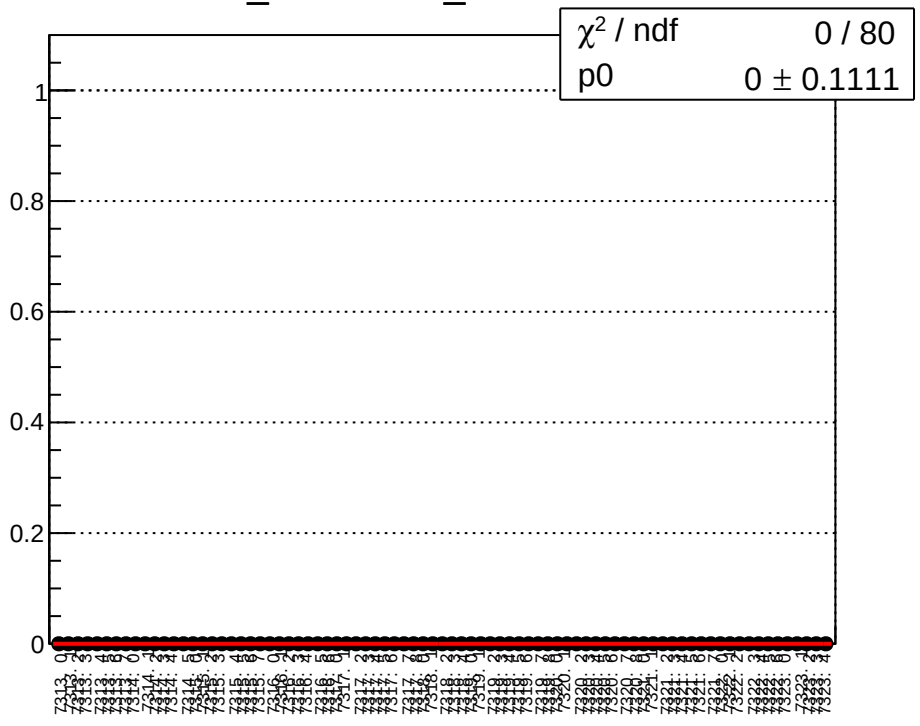

dit_slug_slope vs run
χ^2 / ndf 0 / 80
p0 177 ± 0.1111
178
177.8
177.6
177.4
177.2
177

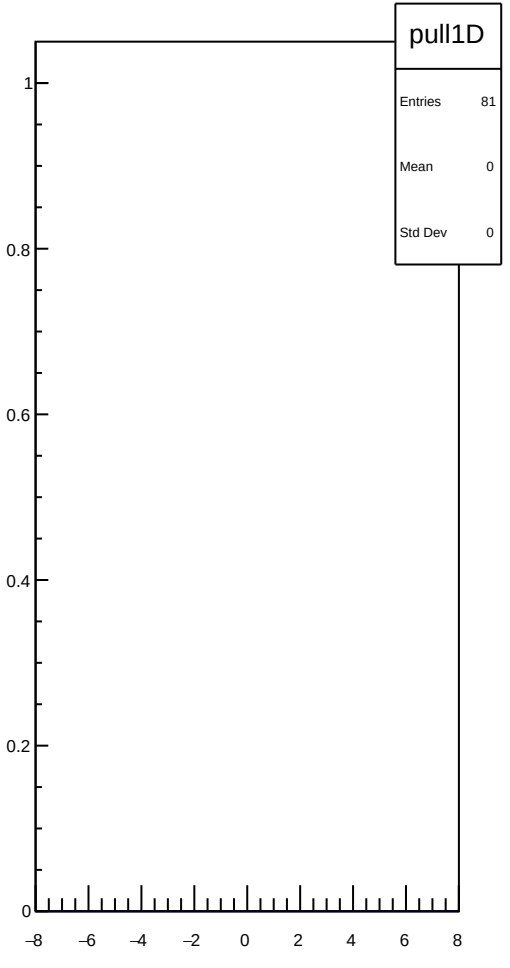

pull1D
Entries 81
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

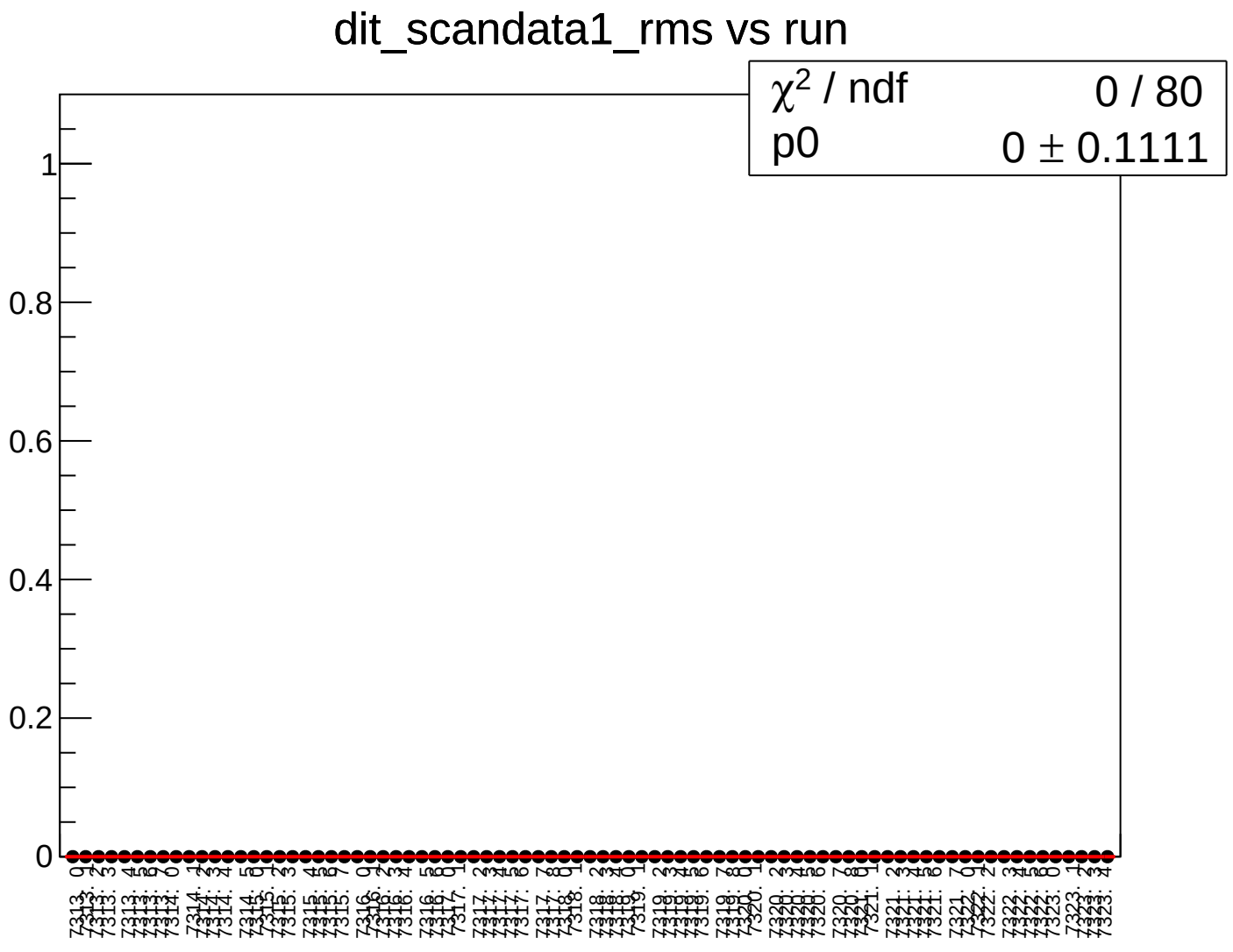

dit_cyclenum_mean vs run
χ² / ndf 1.759e+04 / 80
p0 8687 ± 1.647
8710
8700
8690
8680
8670
8660

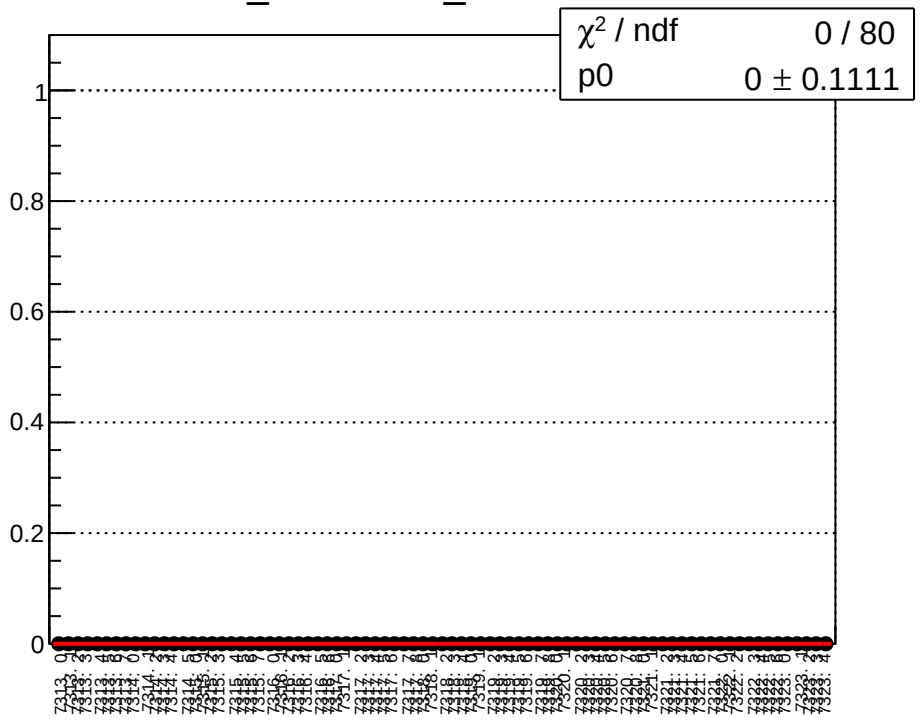

pull1D
Entries 81
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

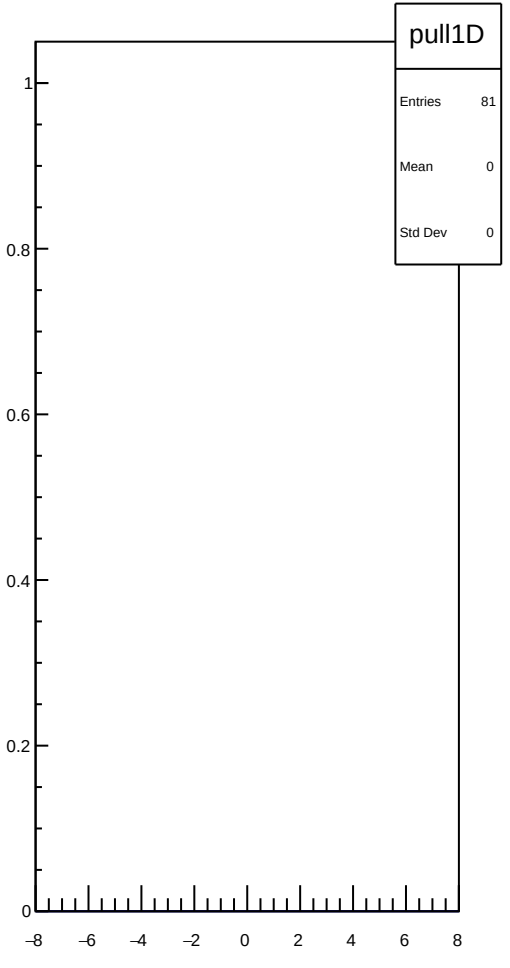

dit_cyclenum_rms vs run
χ² / ndf 1.759e+04 / 80
p0 8687 ± 1.647
8710
8700
8690
8680
8670
8660

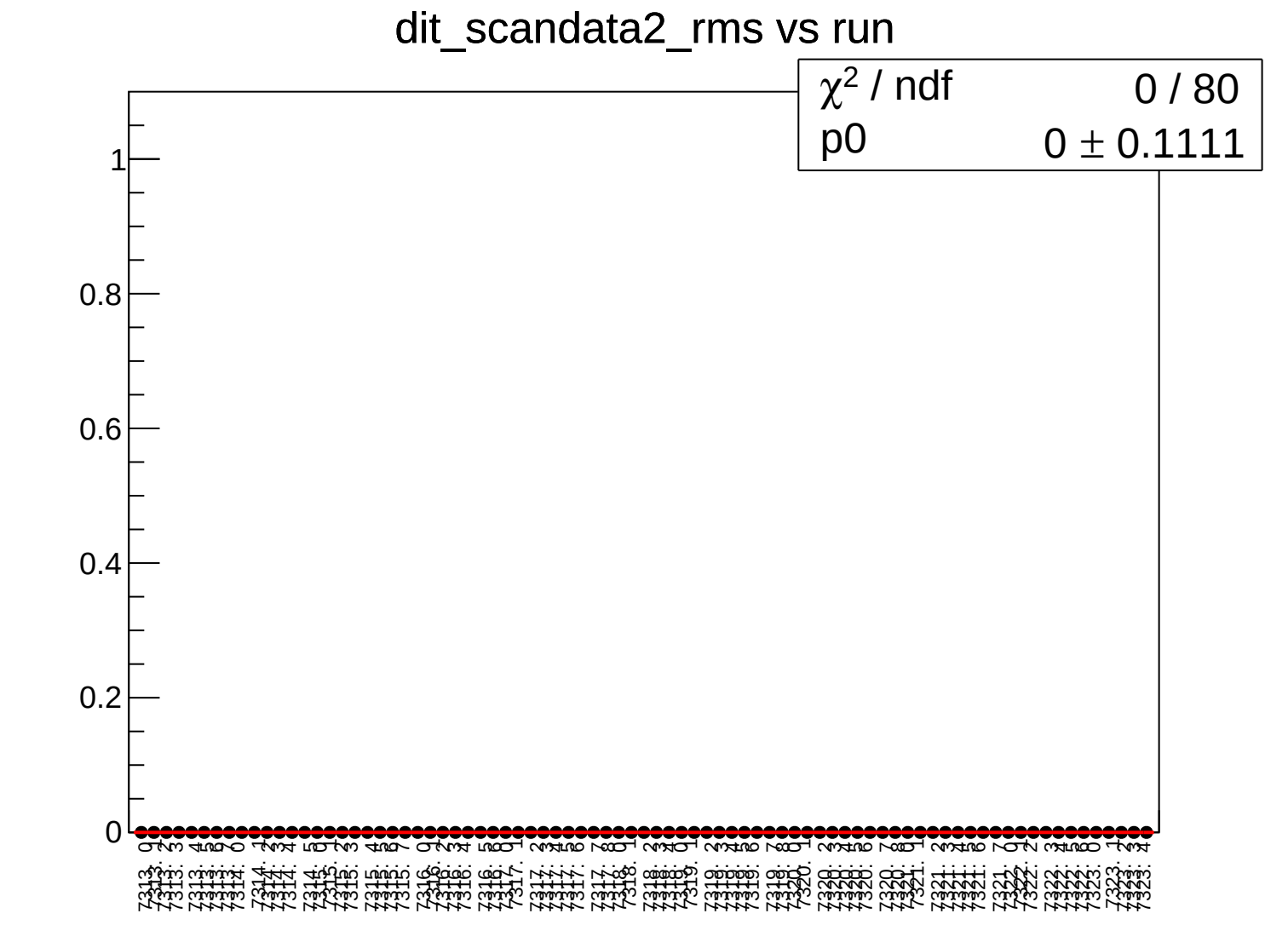

dit_scandata1_mean vs run
χ² / ndf 0 / 80
p0 0 ± 0.1111
1
0.8
0.6
0.4
0.2
0

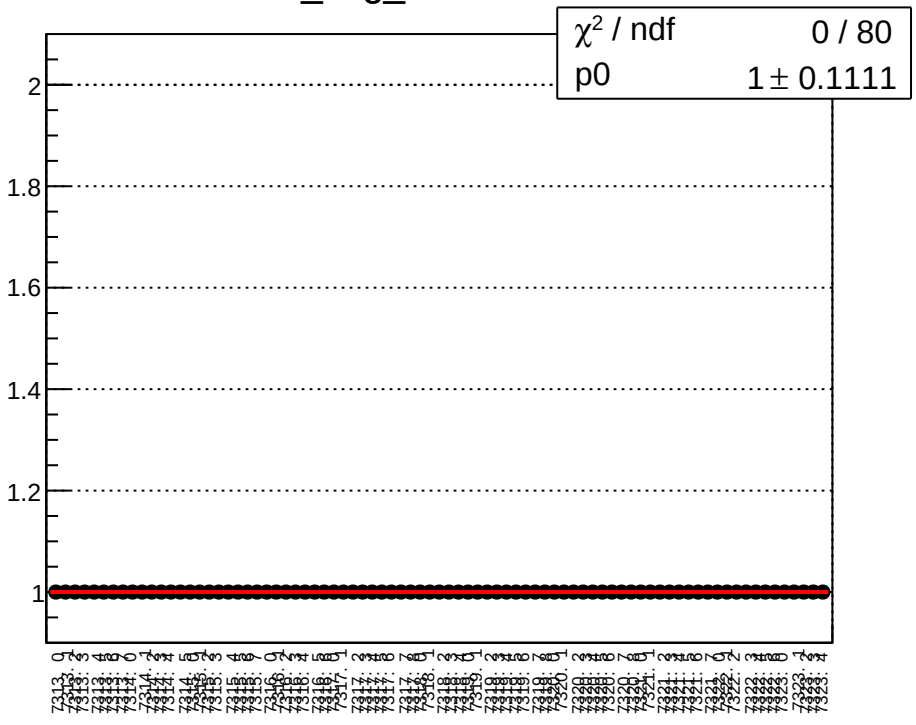

pull1D
Entries 81
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

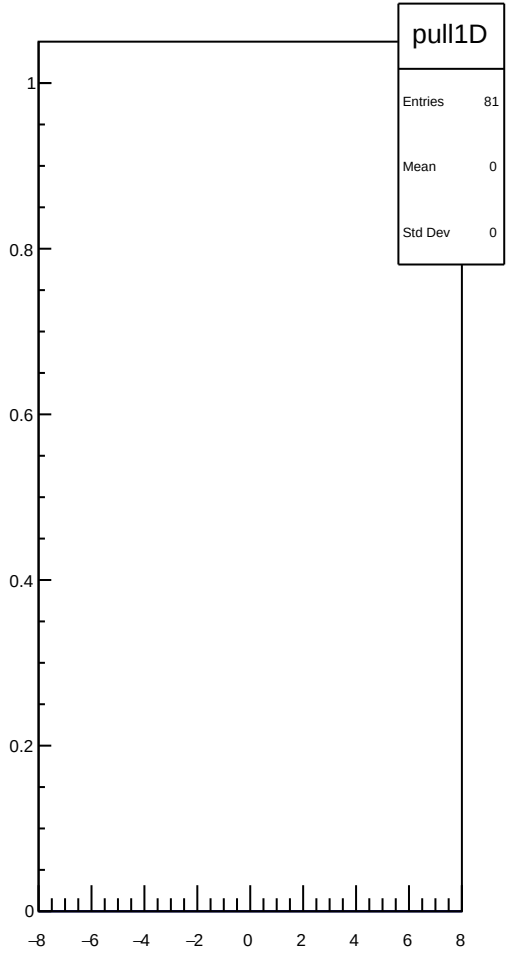

dit_scandata1_rms vs run
χ² / ndf 0 / 80
p0 0 ± 0.1111
1
0.8
0.6
0.4
0.2
0

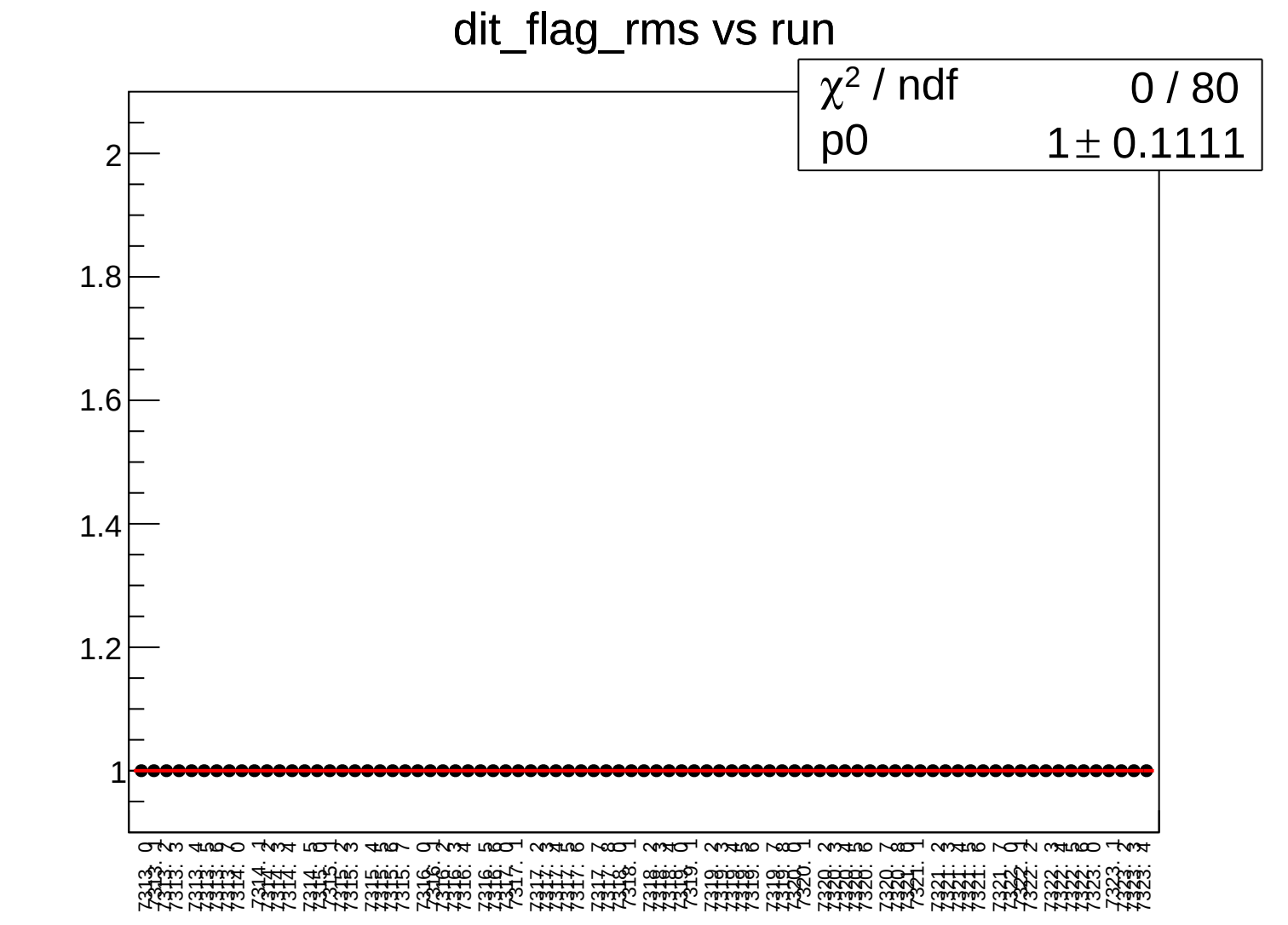

dit_scandata2_mean vs run
χ² / ndf 0 / 80
p0 0 ± 0.1111
1
0.8
0.6
0.4
0.2
0

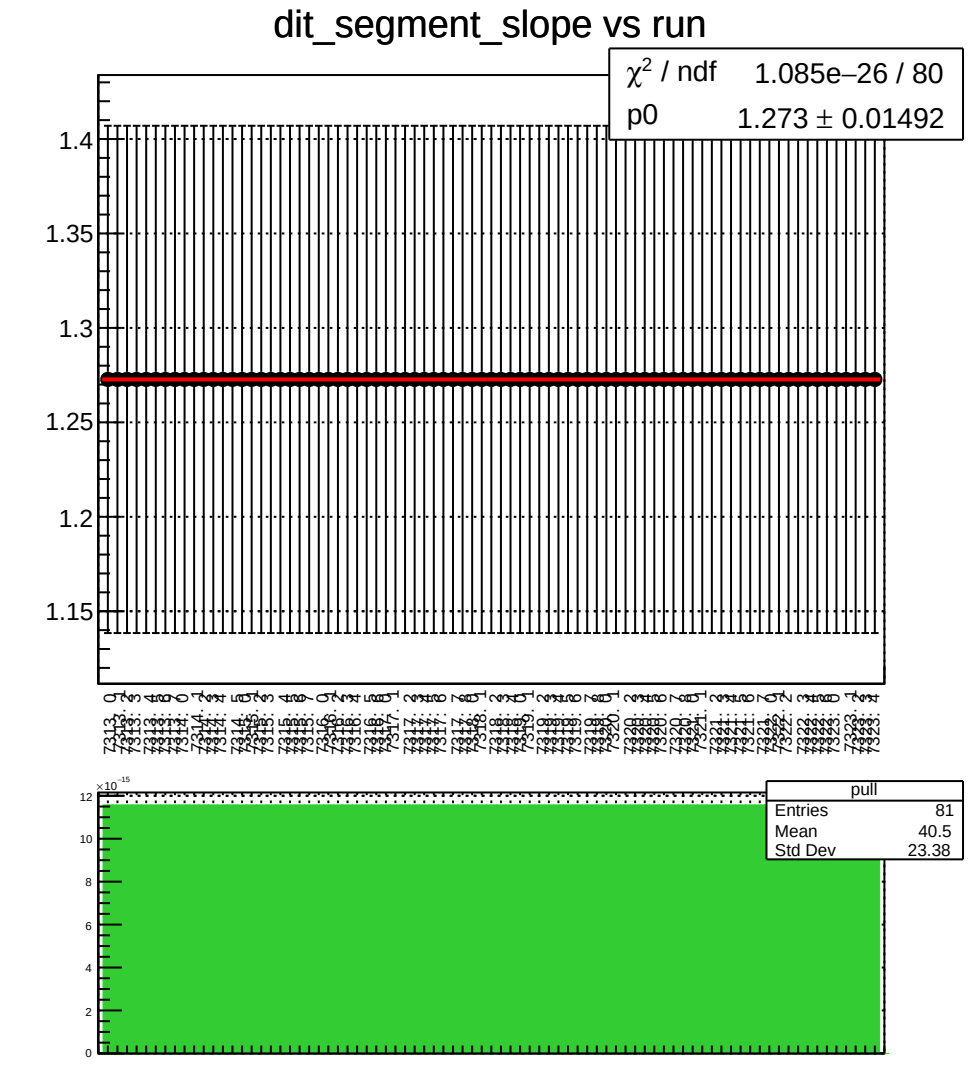

pull1D
Entries 81
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

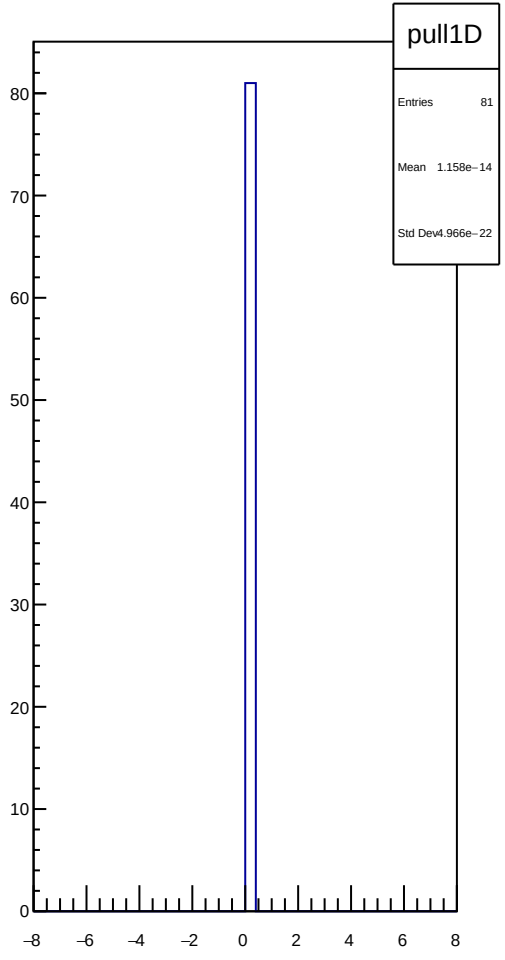

dit_scandata2_rms vs run
χ² / ndf 0 / 80
p0 0 ± 0.1111
1
0.8
0.6
0.4
0.2
0

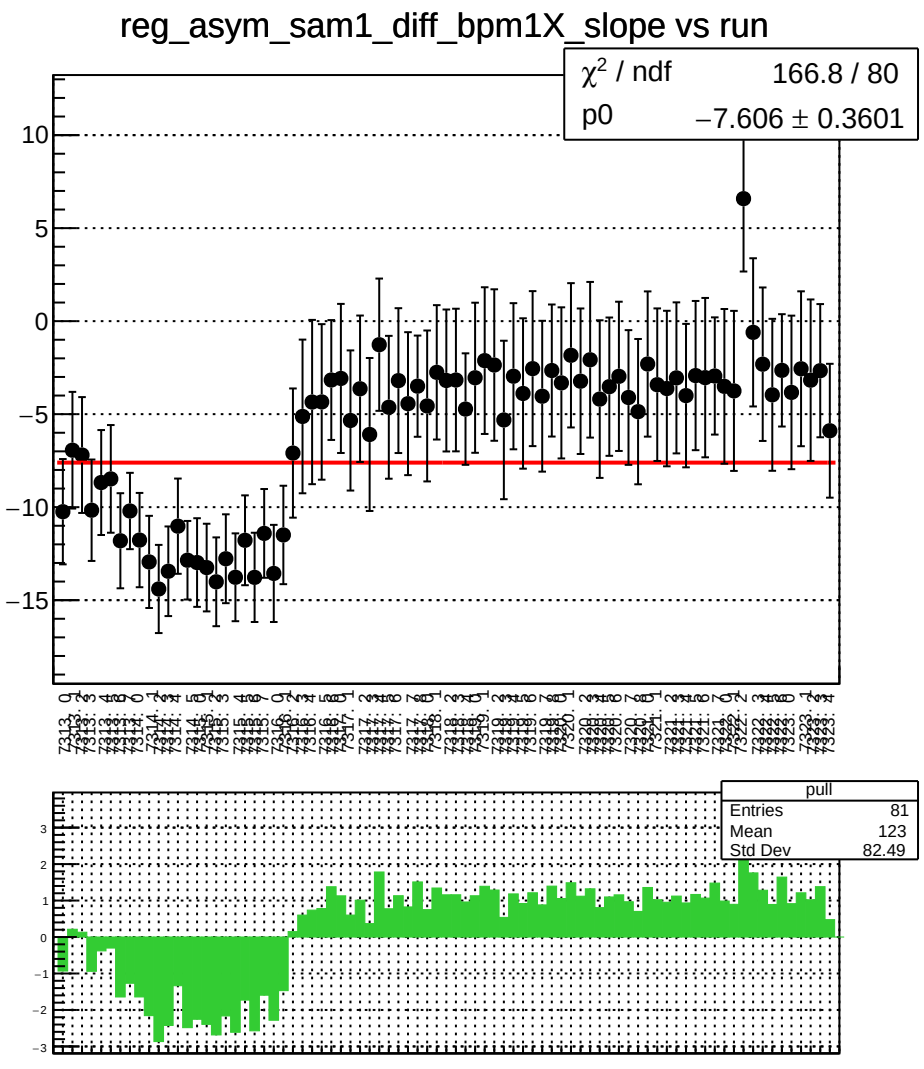

dit_flag_mean vs run
χ² / ndf 0 / 80
p0 1 ± 0.1111
2
1.8
1.6
1.4
1.2
1

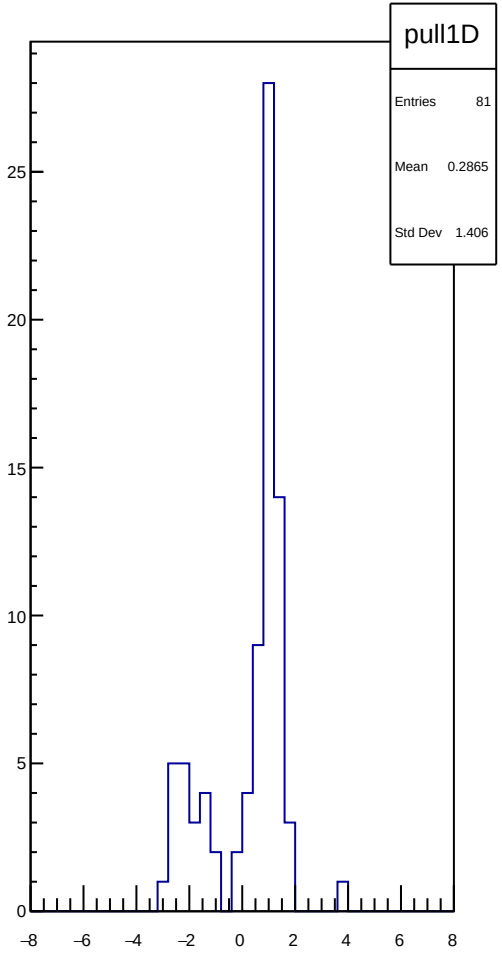

pull1D
Entries 81
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

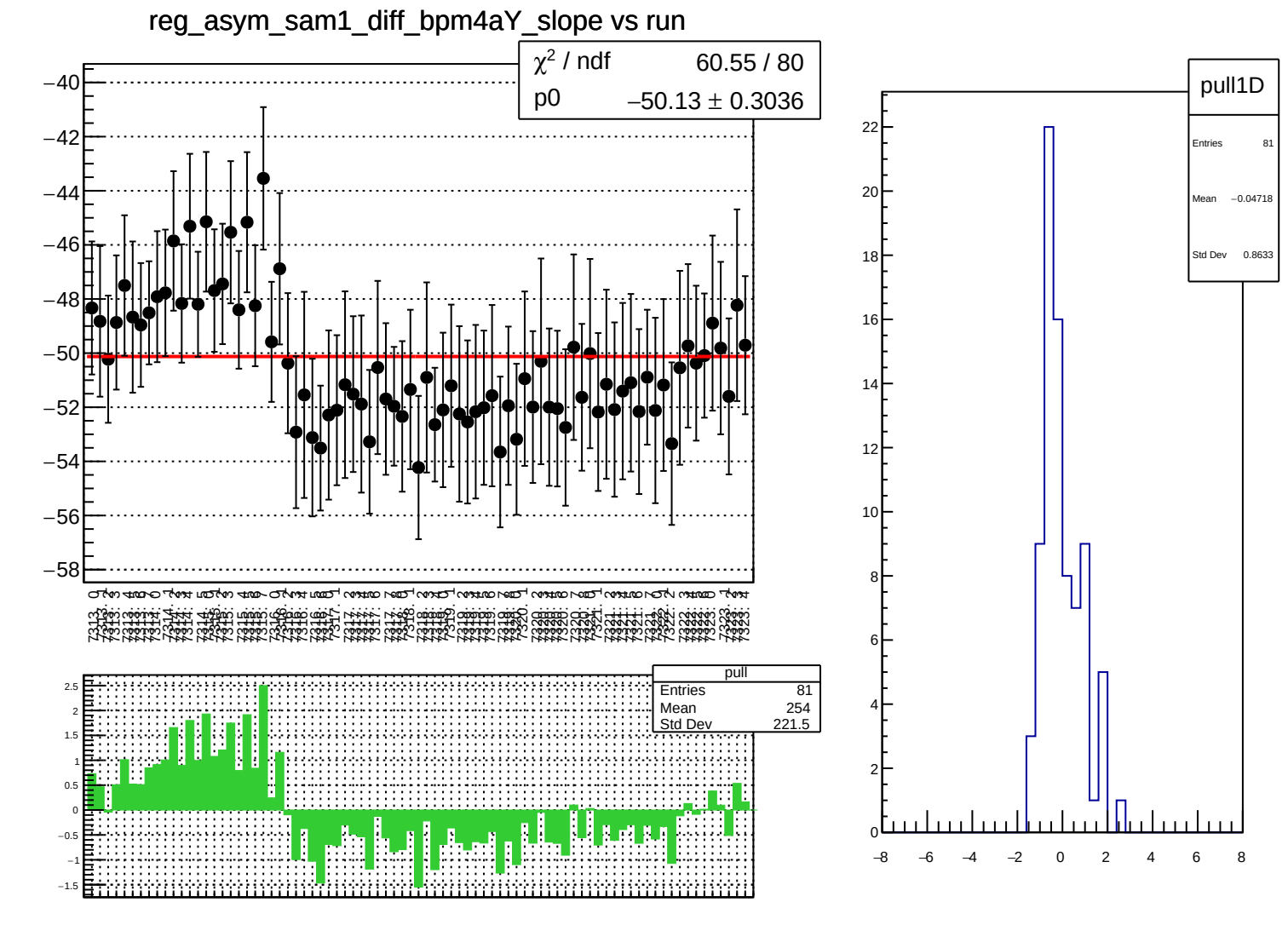

dit_flag_rms vs run
χ² / ndf 0 / 80
p0 1 ± 0.1111
2
1.8
1.6
1.4
1.2
1

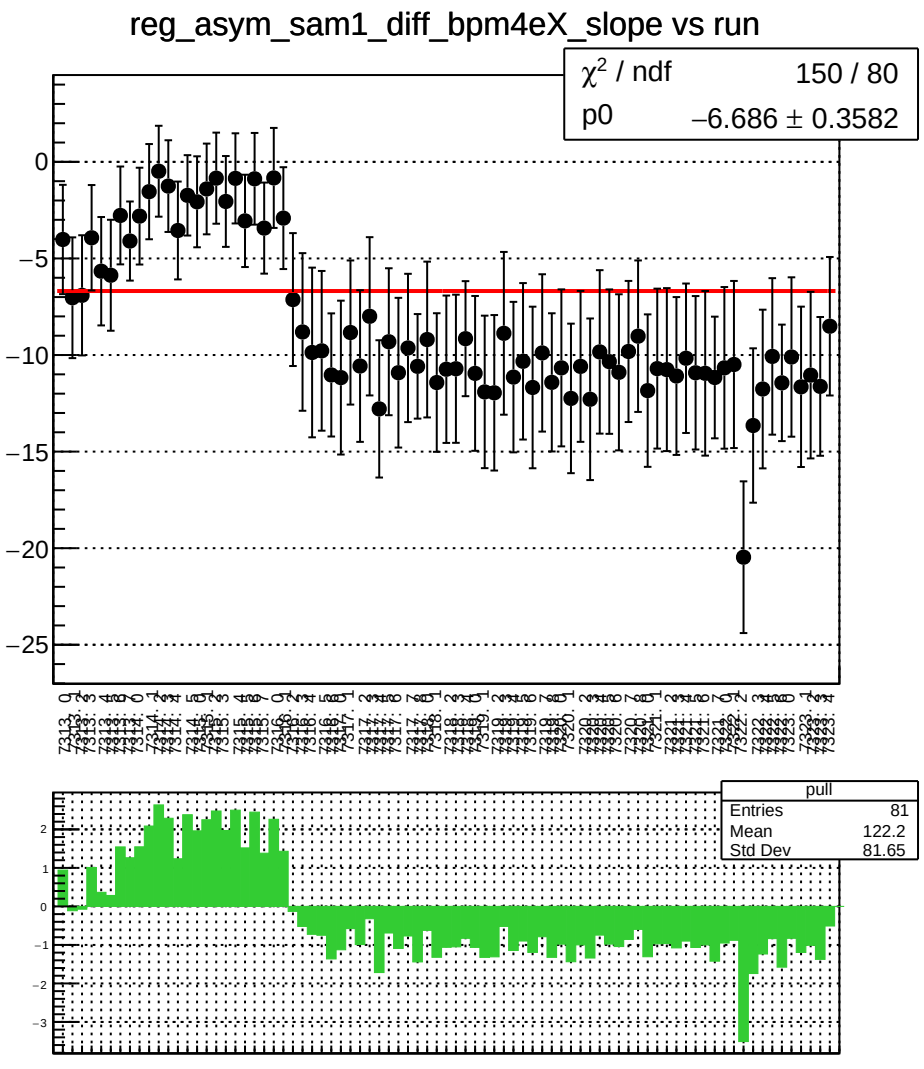

dit_segment_slope vs run
χ² / ndf 1.085e−26 / 80
p0 1.273 ± 0.01492
pull
Entries 81
Mean 40.5
Std Dev 23.38

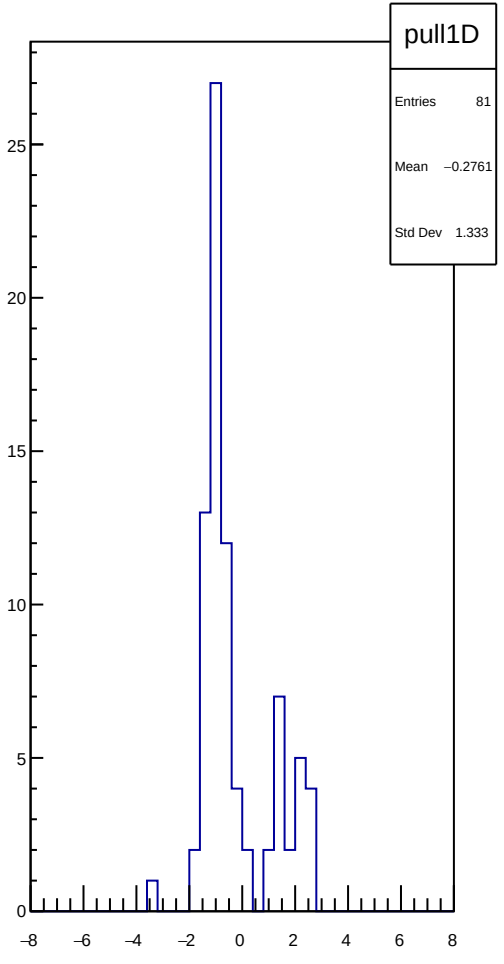

pull1D
Entries 81
Mean 1.158e−14
Std Dev4.966e−22

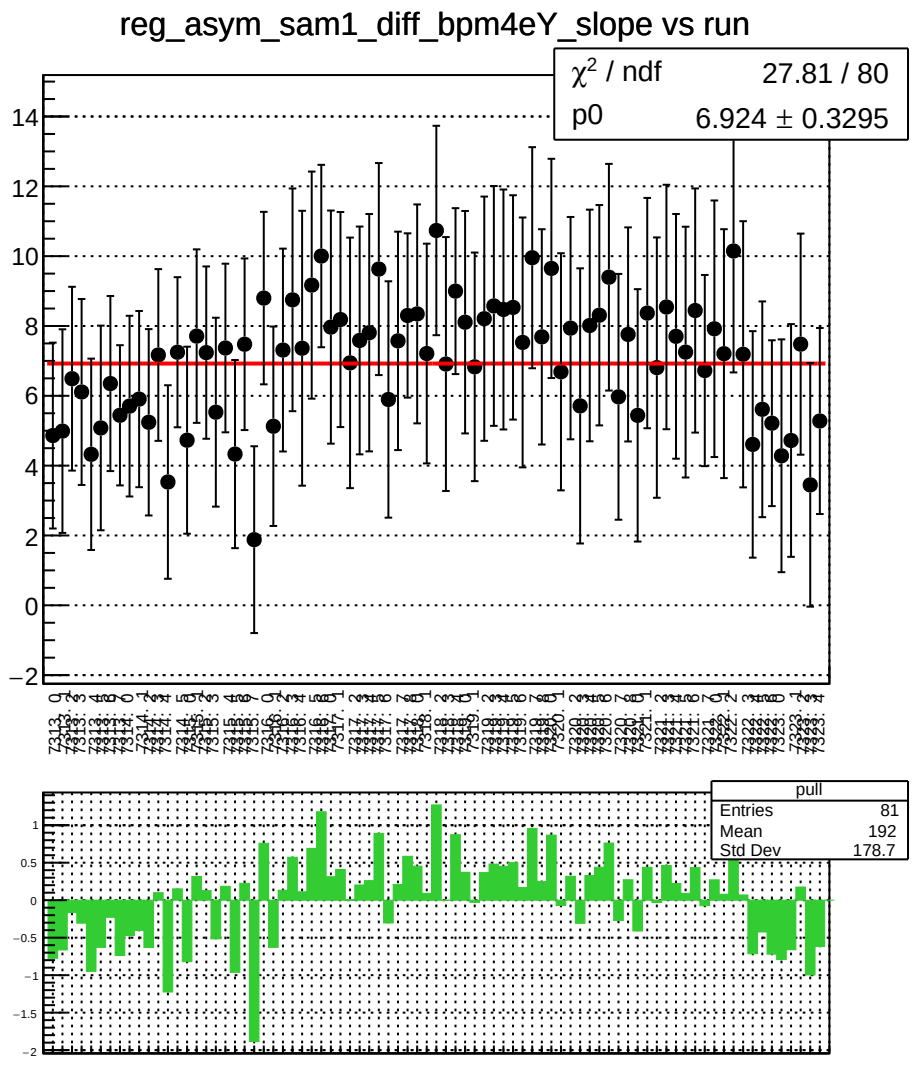

reg_asym_sam1_diff_bpm1X_slope vs run
χ² / ndf 166.8 / 80
p0 −7.606 ± 0.3601
pull
Entries 81
Mean 123
Std Dev 82.49

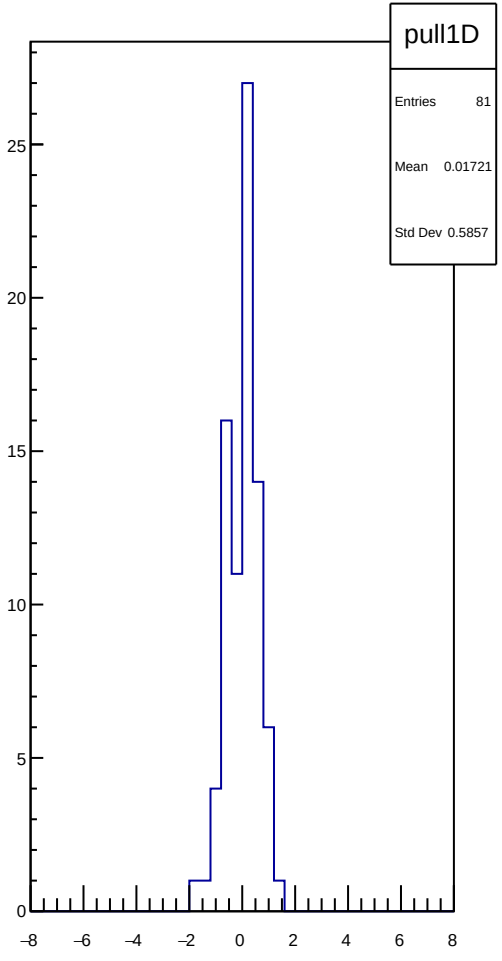

pull1D
Entries 81
Mean 0.2865
Std Dev 1.406

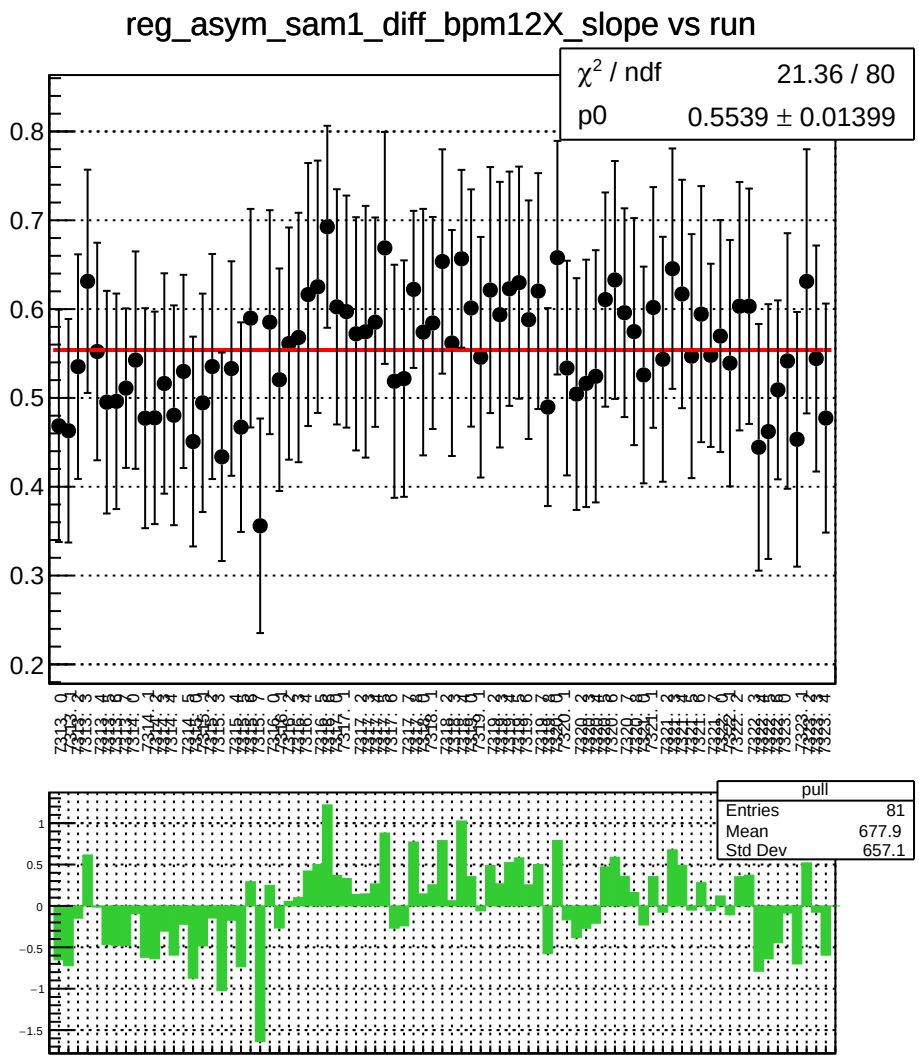

reg_asym_sam1_diff_bpm4aY_slope vs run
χ² / ndf 60.55 / 80
p0 −50.13 ± 0.3036
pull
Entries 81
Mean 254
Std Dev 221.5
pull1D
Entries 81
Mean −0.04718
Std Dev 0.8633

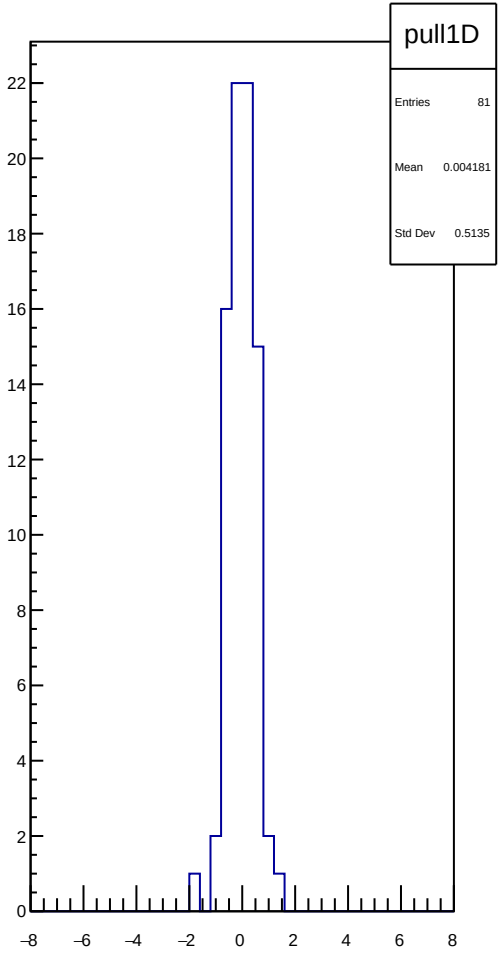

reg_asym_sam1_diff_bpm4eX_slope vs run
χ² / ndf 150 / 80
p0 −6.686 ± 0.3582
pull
Entries 81
Mean 122.2
Std Dev 81.65

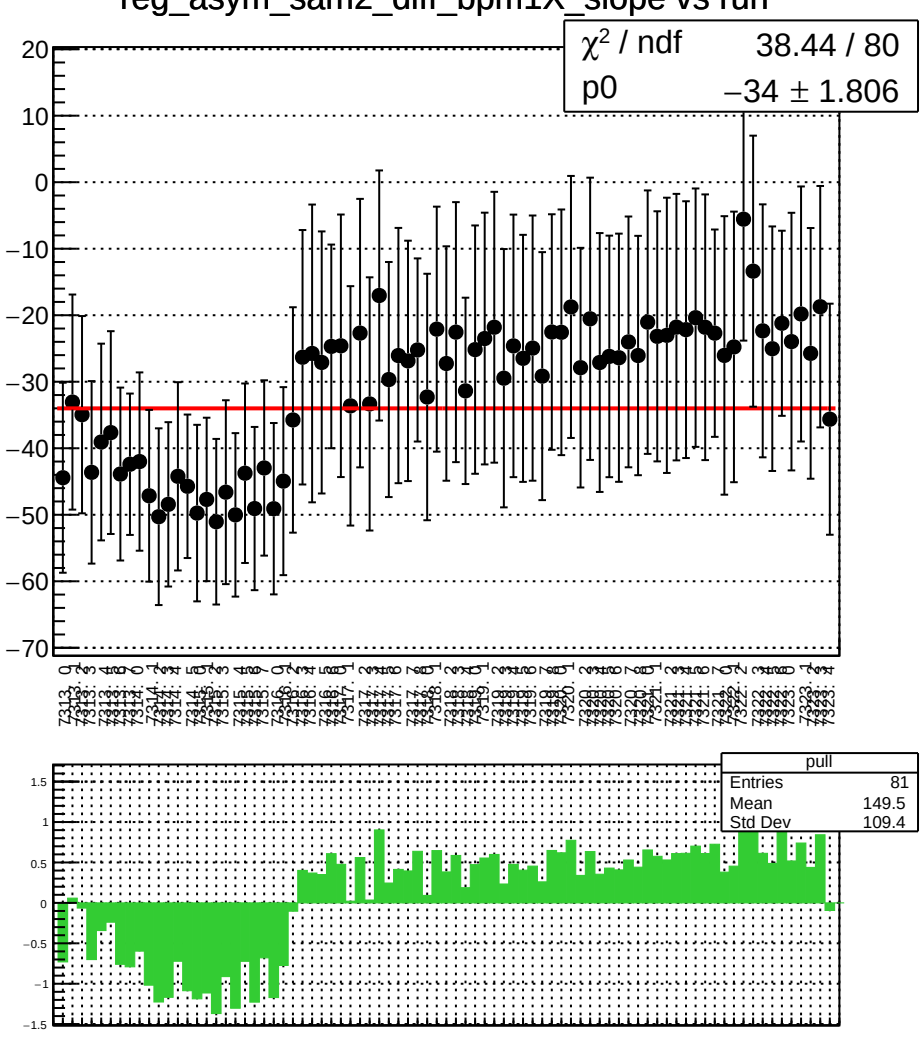

pull1D
Entries 81
Mean −0.2761
Std Dev 1.333

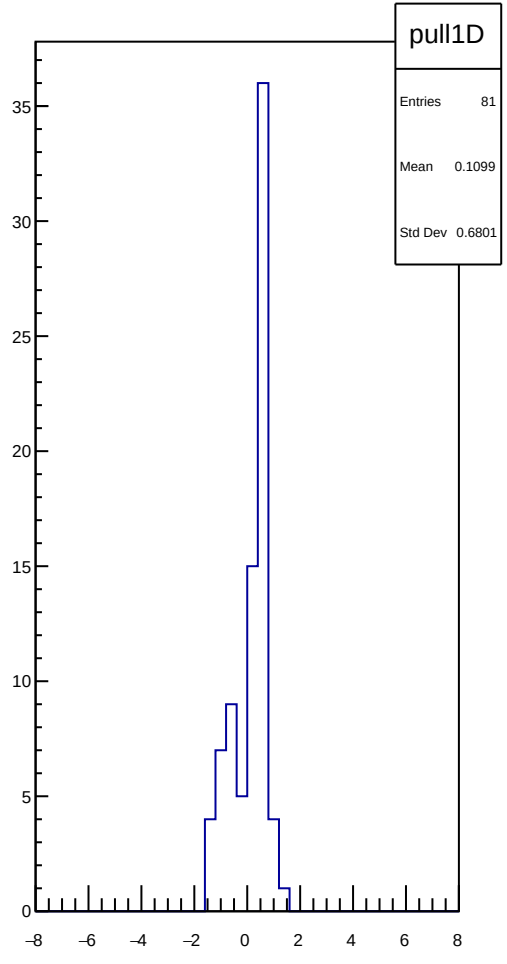

reg_asym_sam1_diff_bpm4eY_slope vs run
χ² / ndf 27.81 / 80
p0 6.924 ± 0.3295
pull
Entries 81
Mean 192
Std Dev 178.7

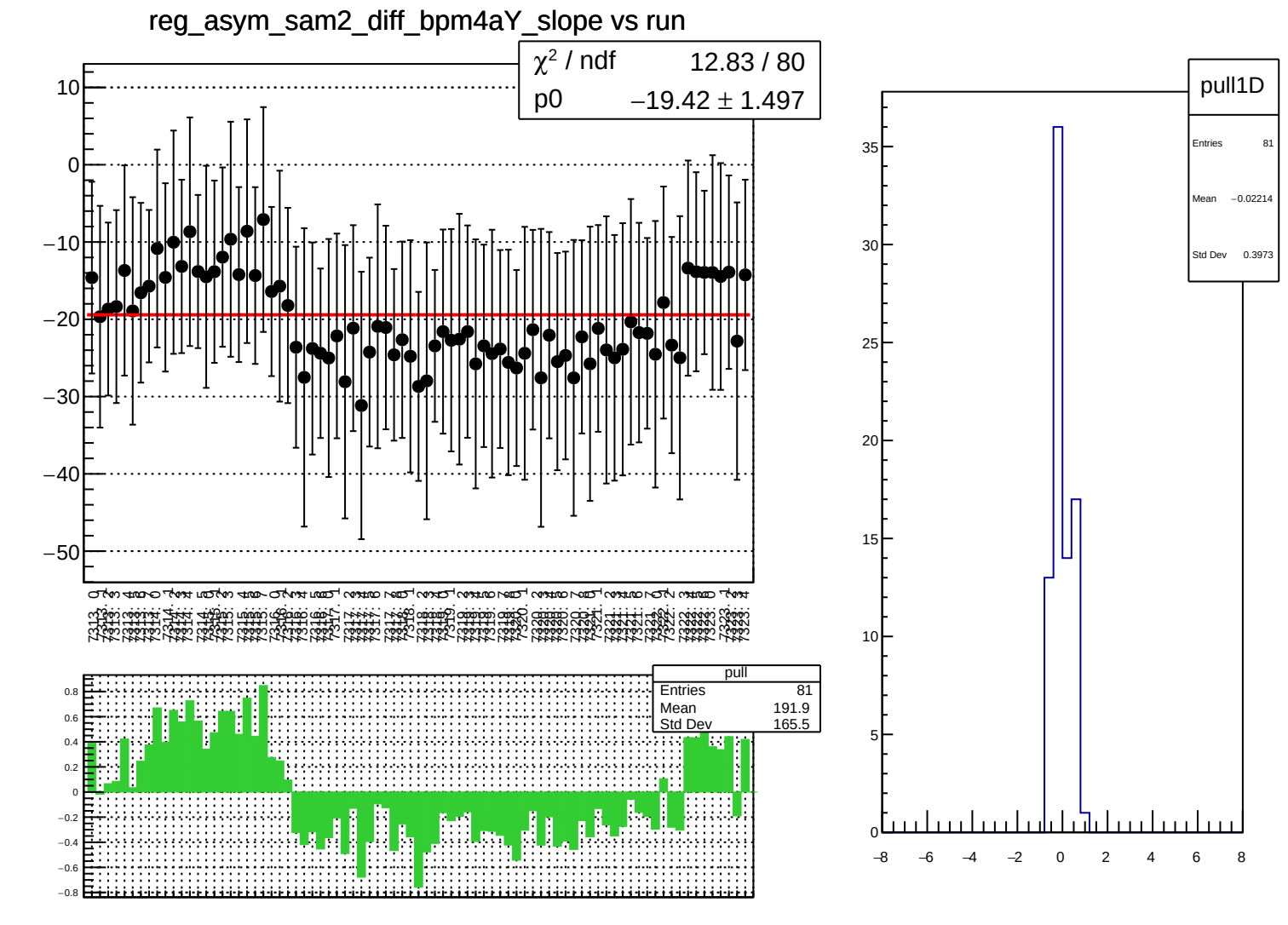

pull1D
Entries 81
Mean 0.01721
Std Dev 0.5857

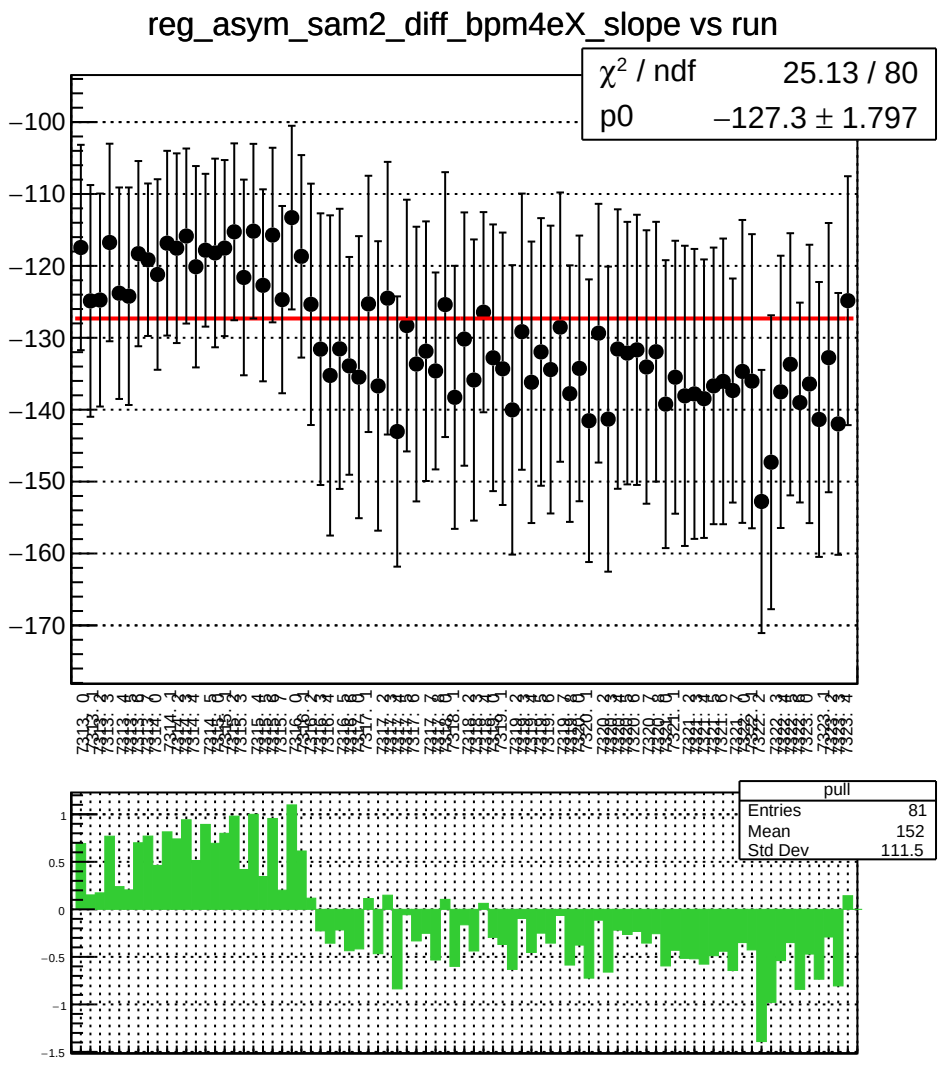

reg_asym_sam1_diff_bpm12X_slope vs run
χ² / ndf 21.36 / 80
p0 0.5539 ± 0.01399
pull
Entries 81
Mean 677.9
Std Dev 657.1

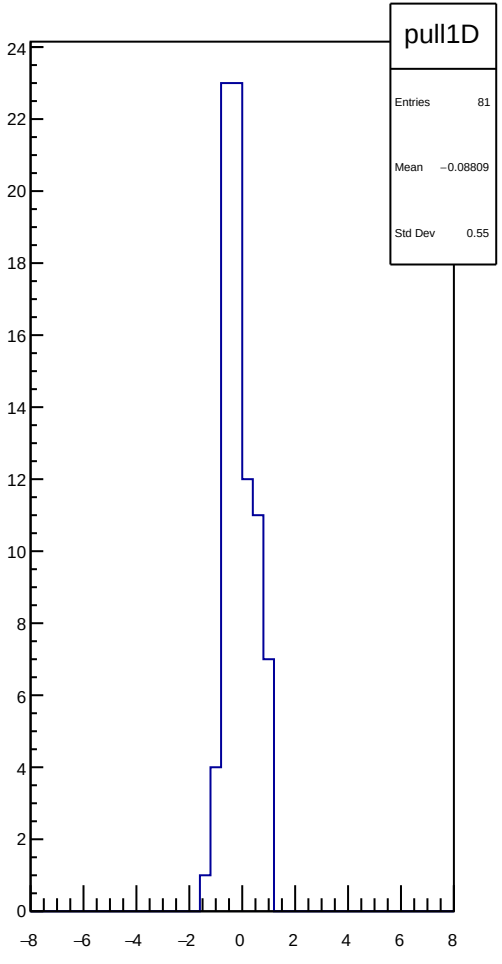

pull1D
Entries 81
Mean 0.004181
Std Dev 0.5135

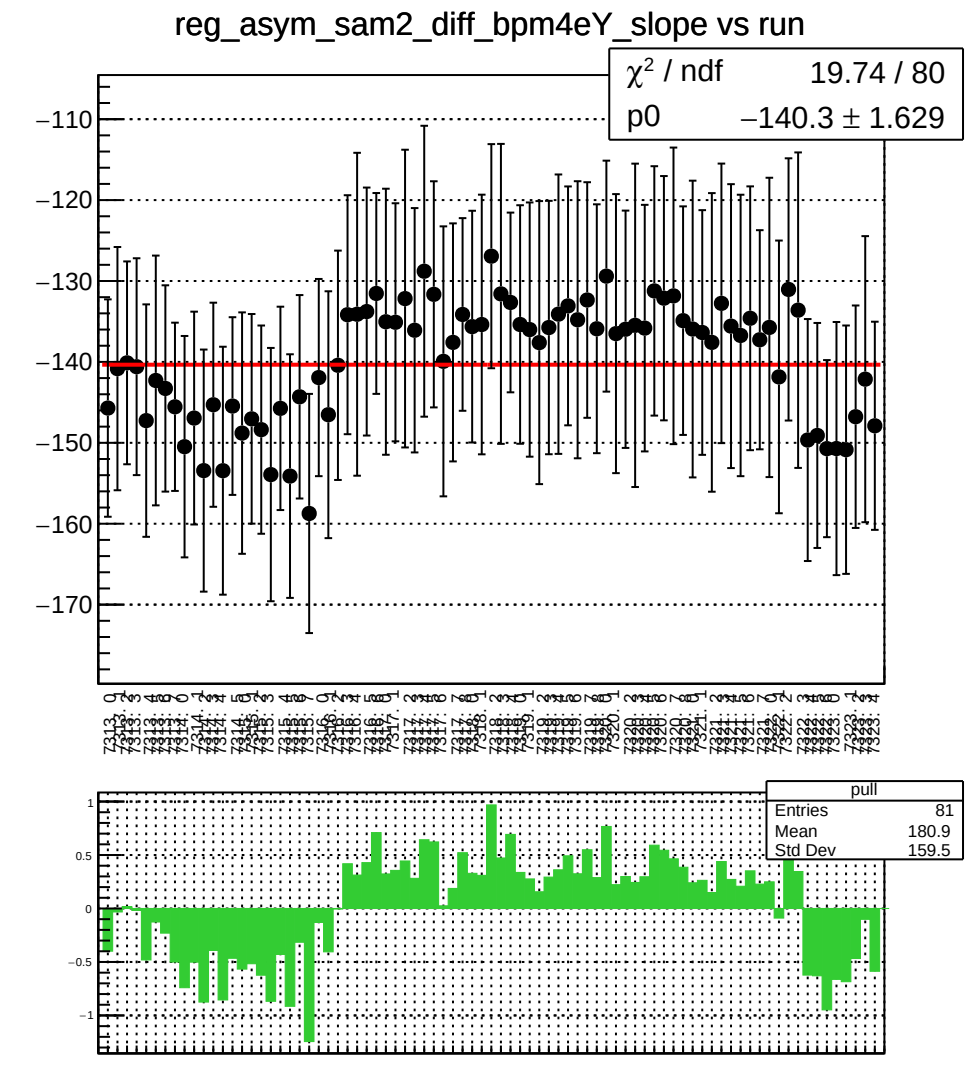

reg_asym_sam2_diff_bpm1X_slope vs run
χ² / ndf 38.44 / 80
p0 −34 ± 1.806
pull
Entries 81
Mean 149.5
Std Dev 109.4

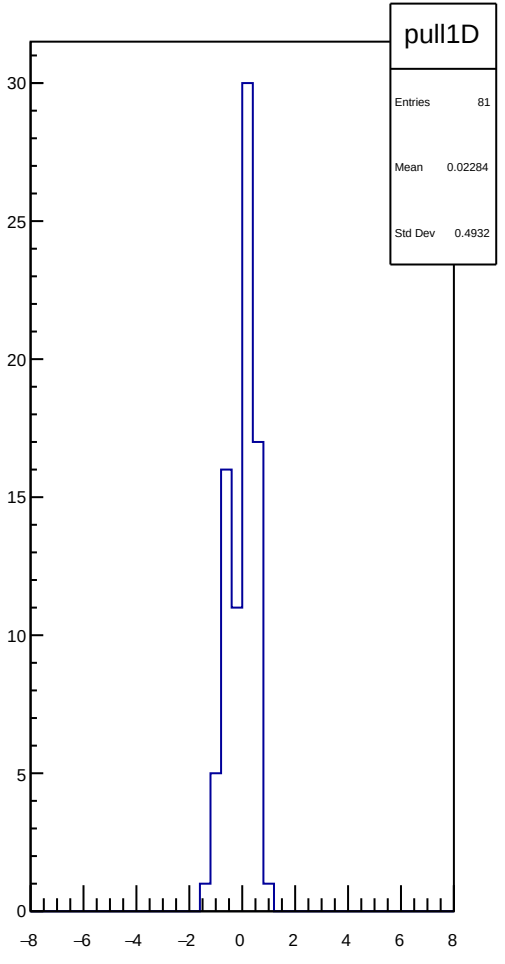

pull1D
Entries 81
Mean 0.1099
Std Dev 0.6801

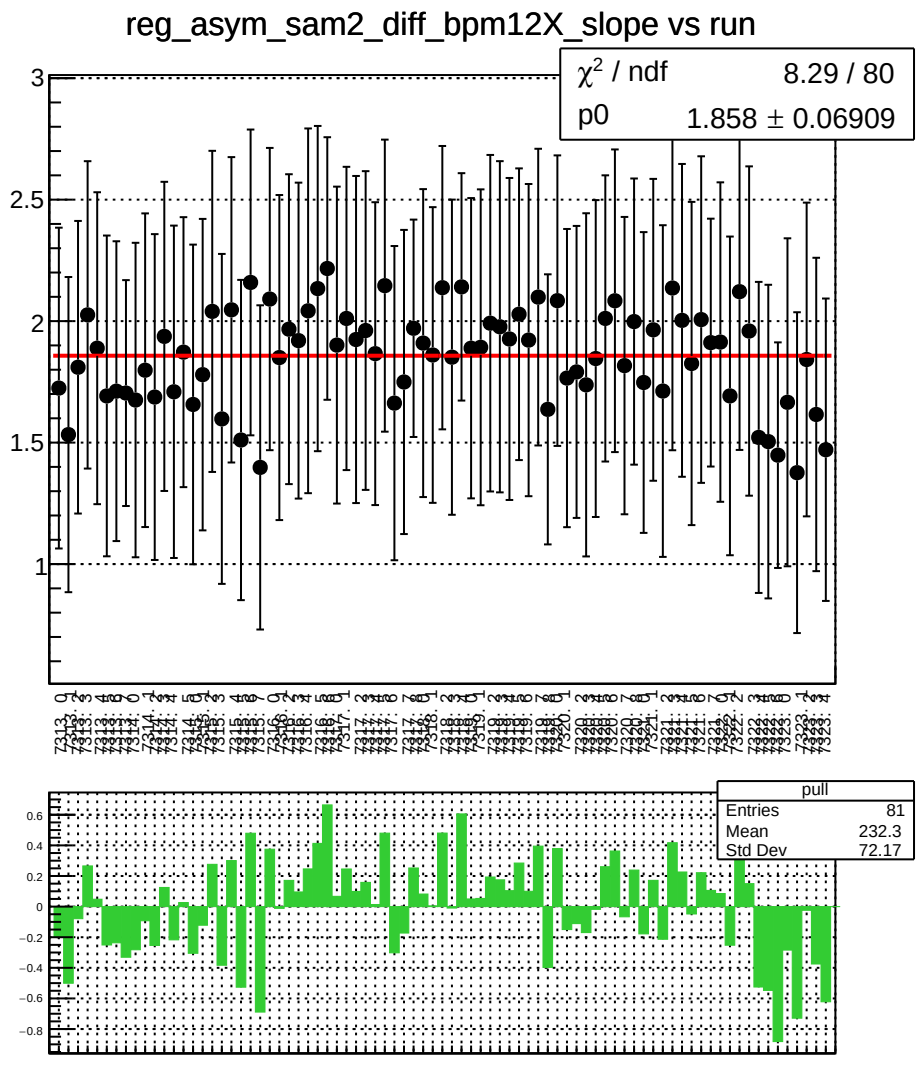

reg_asym_sam2_diff_bpm4aY_slope vs run
χ² / ndf 12.83 / 80
p0 −19.42 ± 1.497
pull
Entries 81
Mean 191.9
Std Dev 165.5
pull1D
Entries 81
Mean −0.02214
Std Dev 0.3973

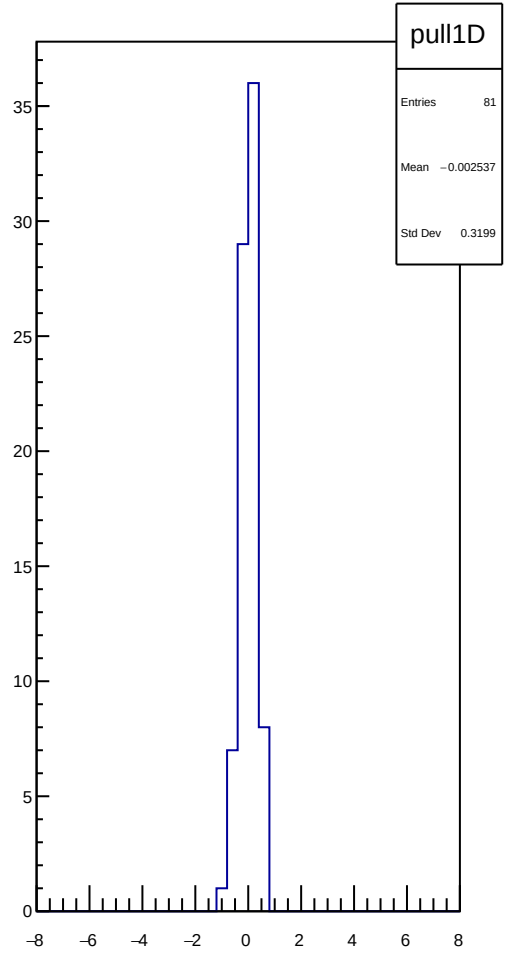

reg_asym_sam2_diff_bpm4eX_slope vs run
χ² / ndf 25.13 / 80
p0 −127.3 ± 1.797
pull
Entries 81
Mean 152
Std Dev 111.5

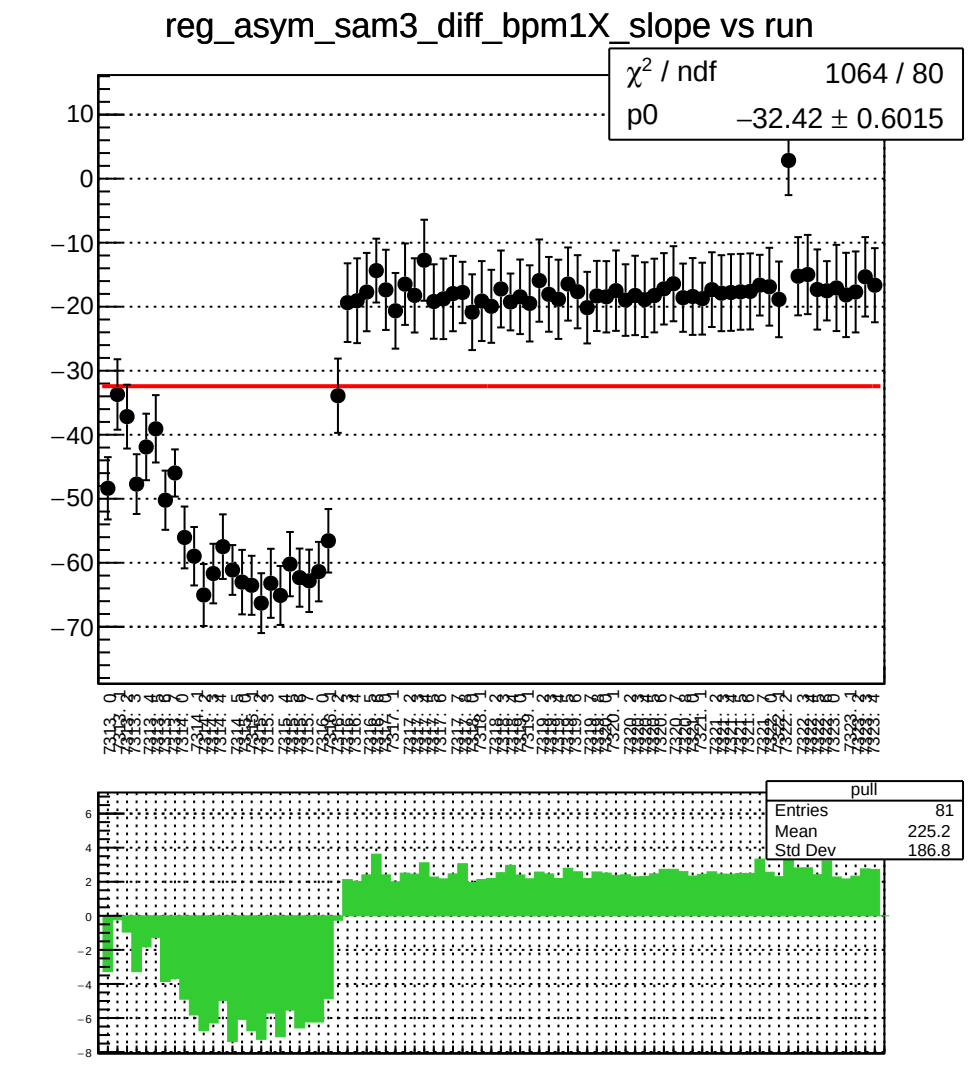

pull1D
Entries 81
Mean −0.08809
Std Dev 0.55

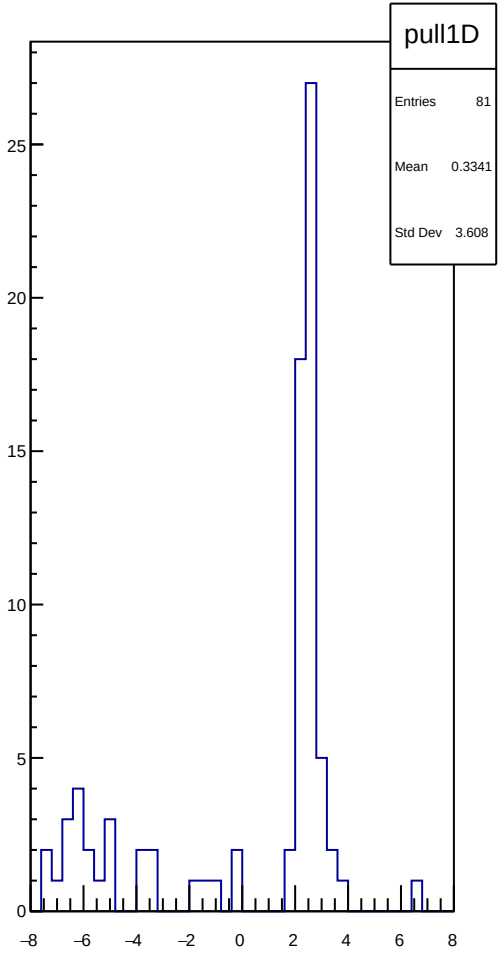

reg_asym_sam2_diff_bpm4eY_slope vs run
χ² / ndf 19.74 / 80
p0 −140.3 ± 1.629
pull
Entries 81
Mean 180.9
Std Dev 159.5

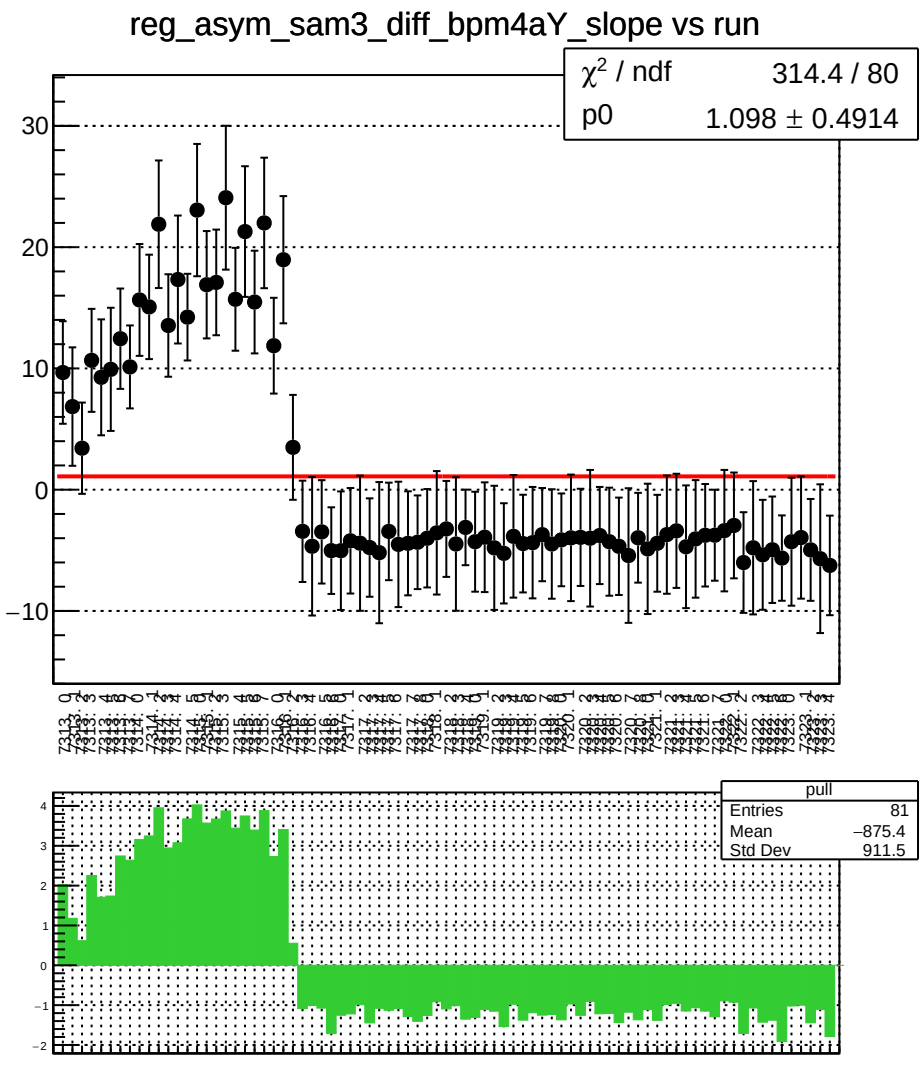

pull1D
Entries 81
Mean 0.02284
Std Dev 0.4932

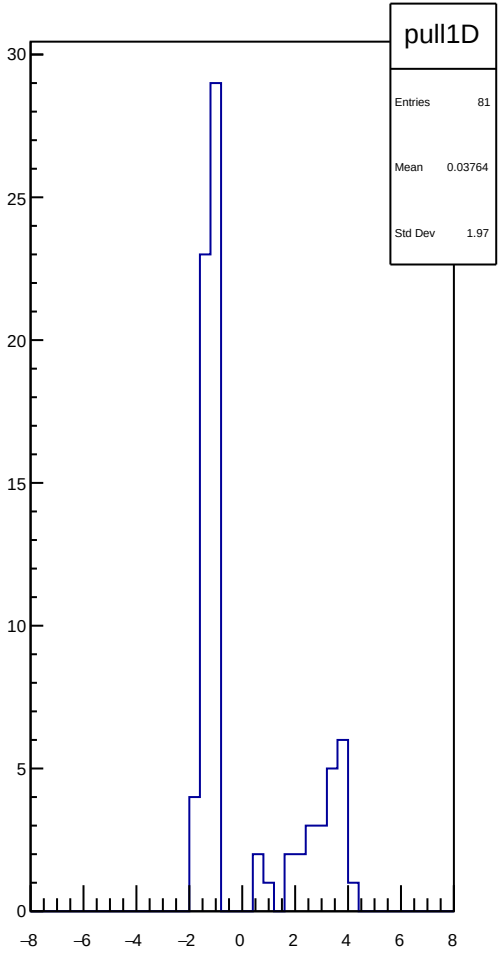

reg_asym_sam2_diff_bpm12X_slope vs run
χ² / ndf 8.29 / 80
p0 1.858 ± 0.06909
pull
Entries 81
Mean 232.3
Std Dev 72.17

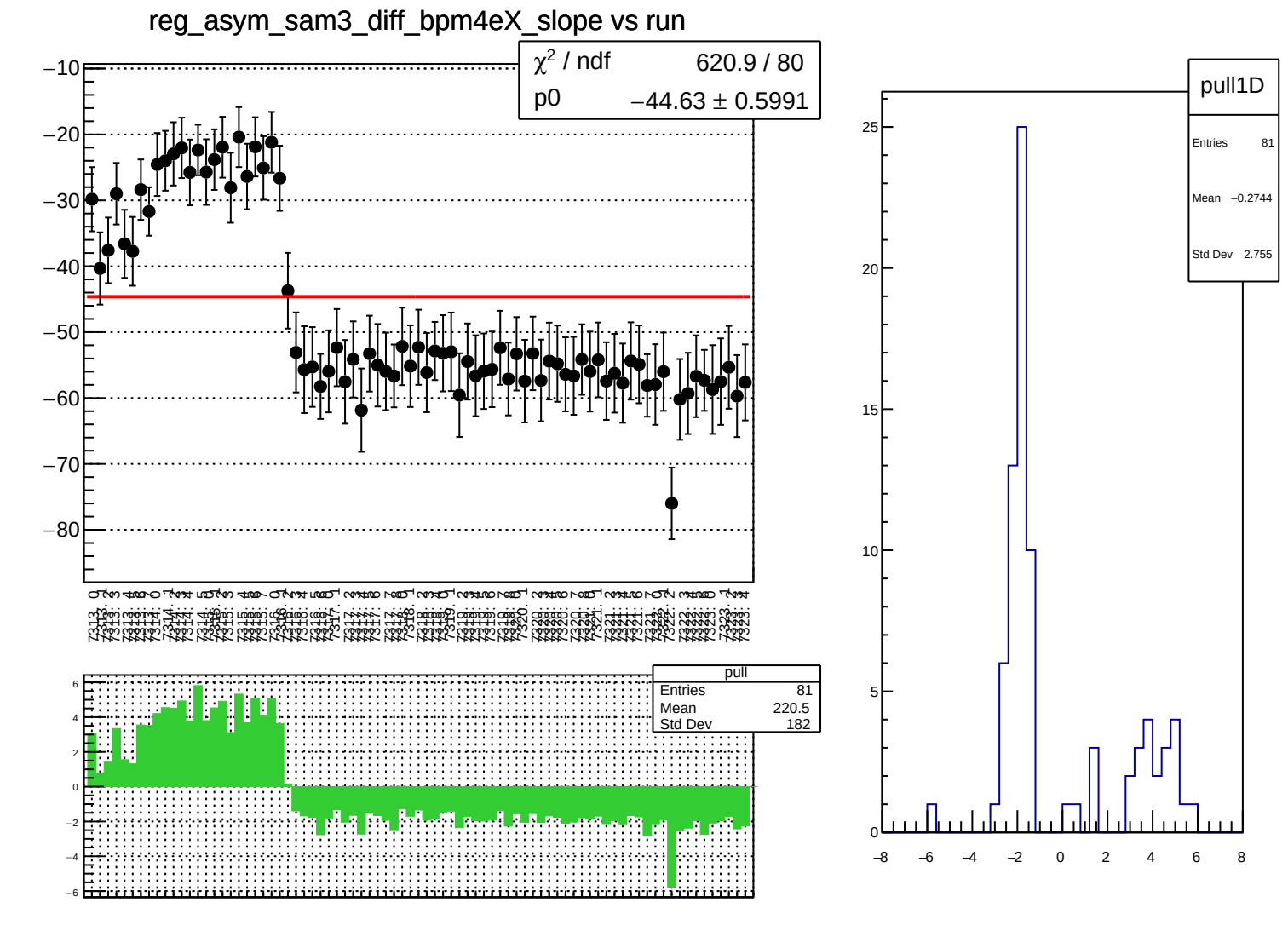

pull1D
Entries 81
Mean −0.002537
Std Dev 0.3199

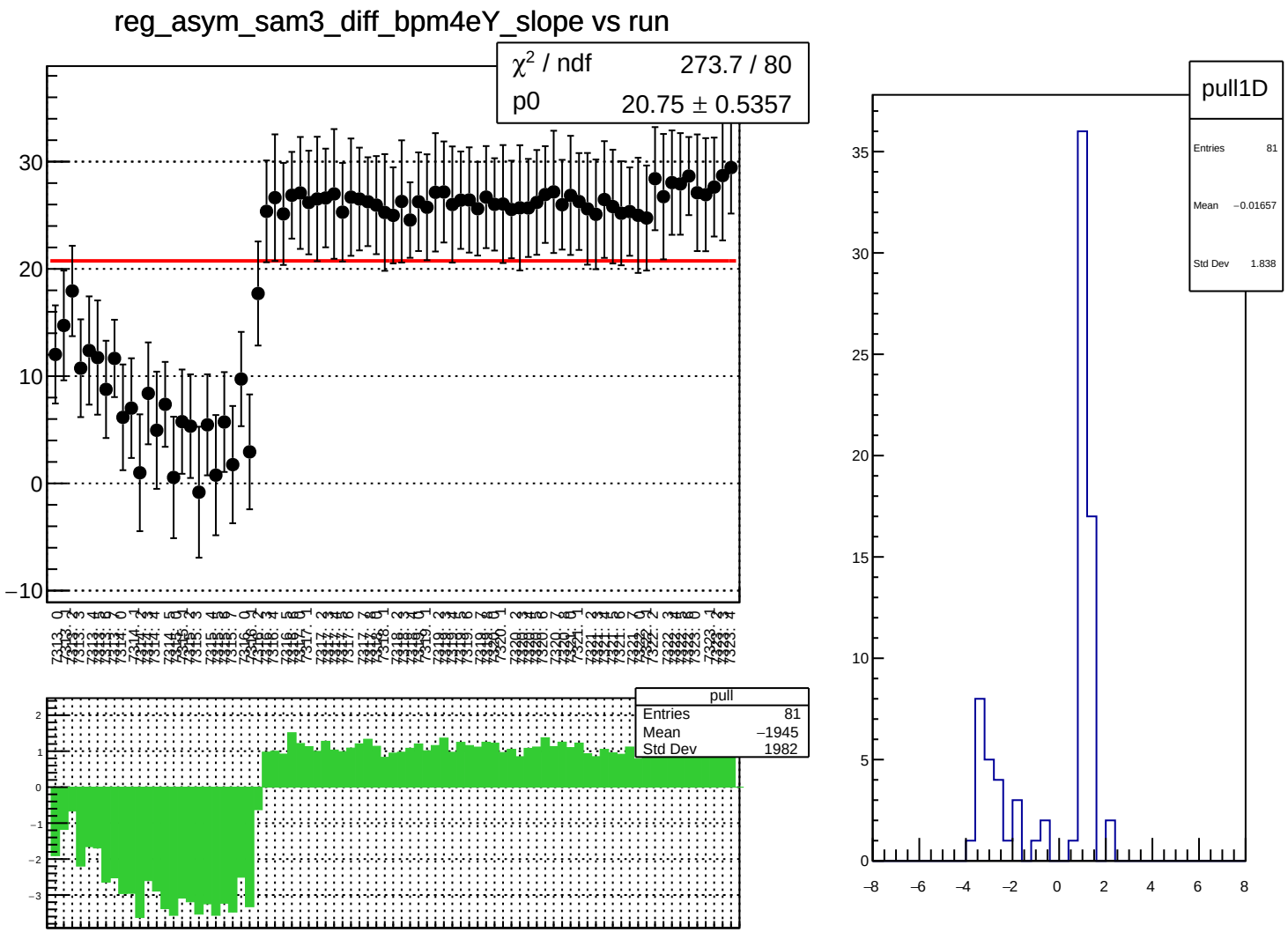

reg_asym_sam3_diff_bpm1X_slope vs run
χ² / ndf 1064 / 80
p0 −32.42 ± 0.6015
pull
Entries 81
Mean 225.2
Std Dev 186.8

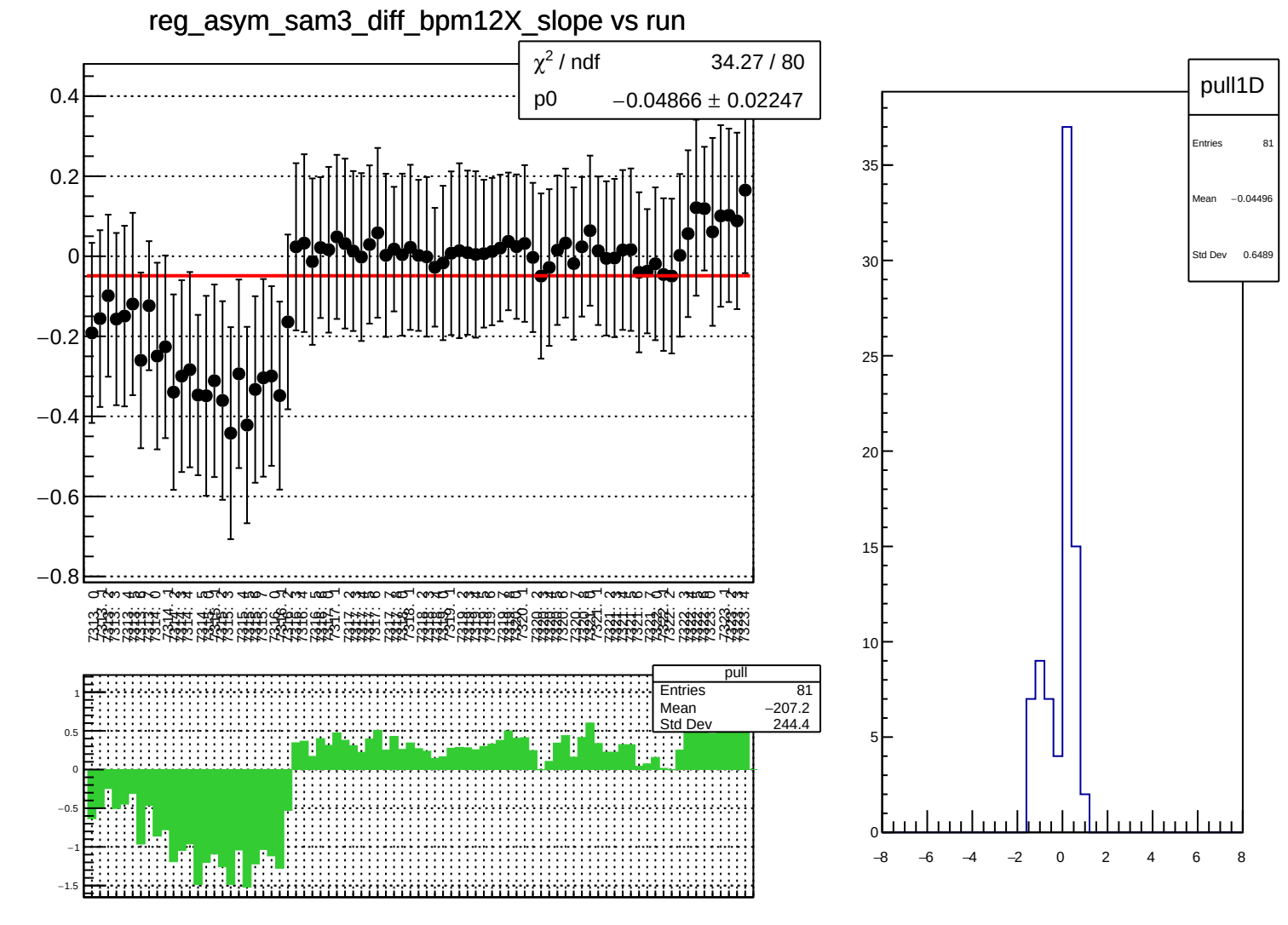

pull1D
Entries 81
Mean 0.3341
Std Dev 3.608

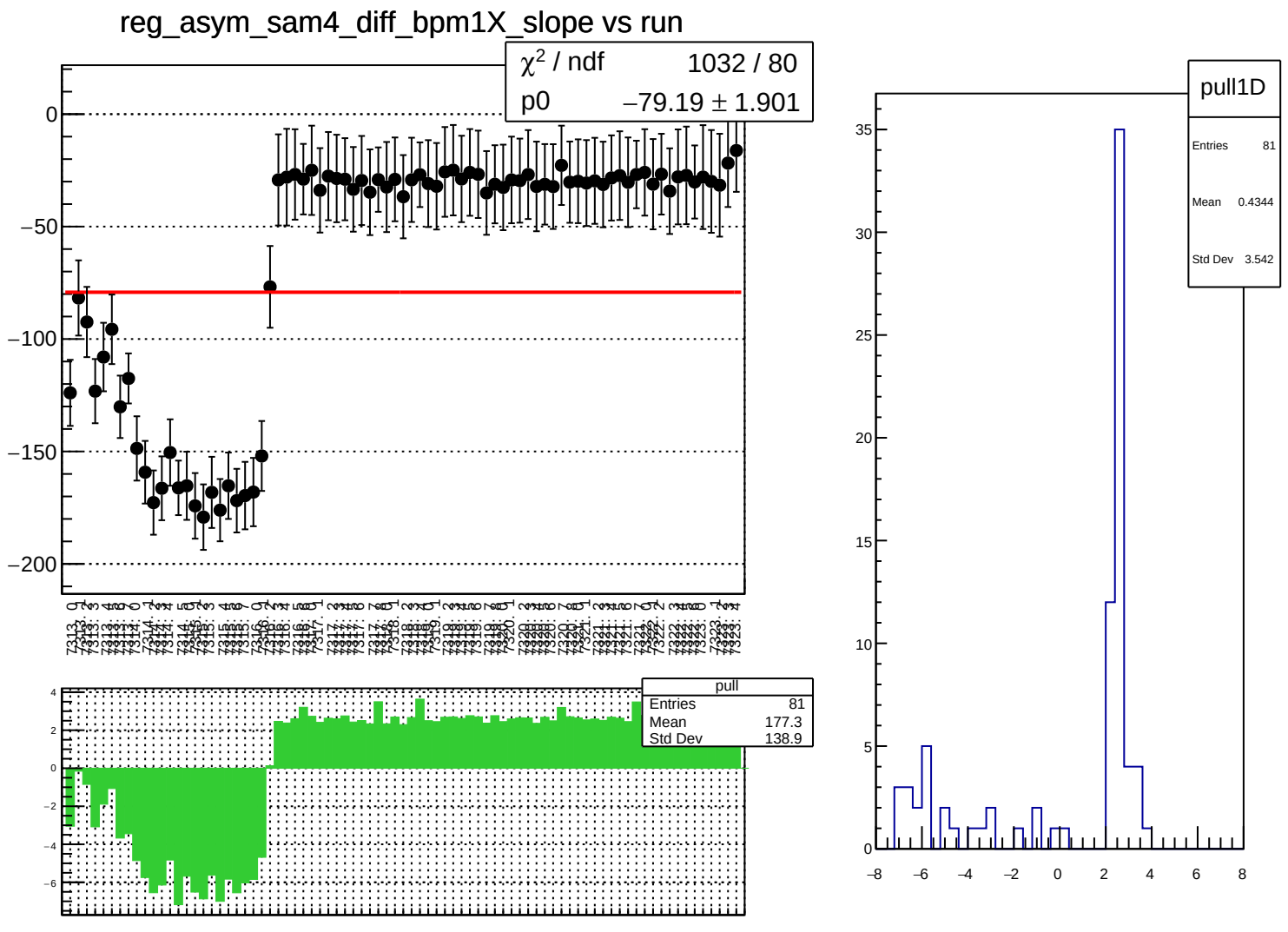

reg_asym_sam3_diff_bpm4aY_slope vs run
χ² / ndf 314.4 / 80
p0 1.098 ± 0.4914
pull
Entries 81
Mean −875.4
Std Dev 911.5

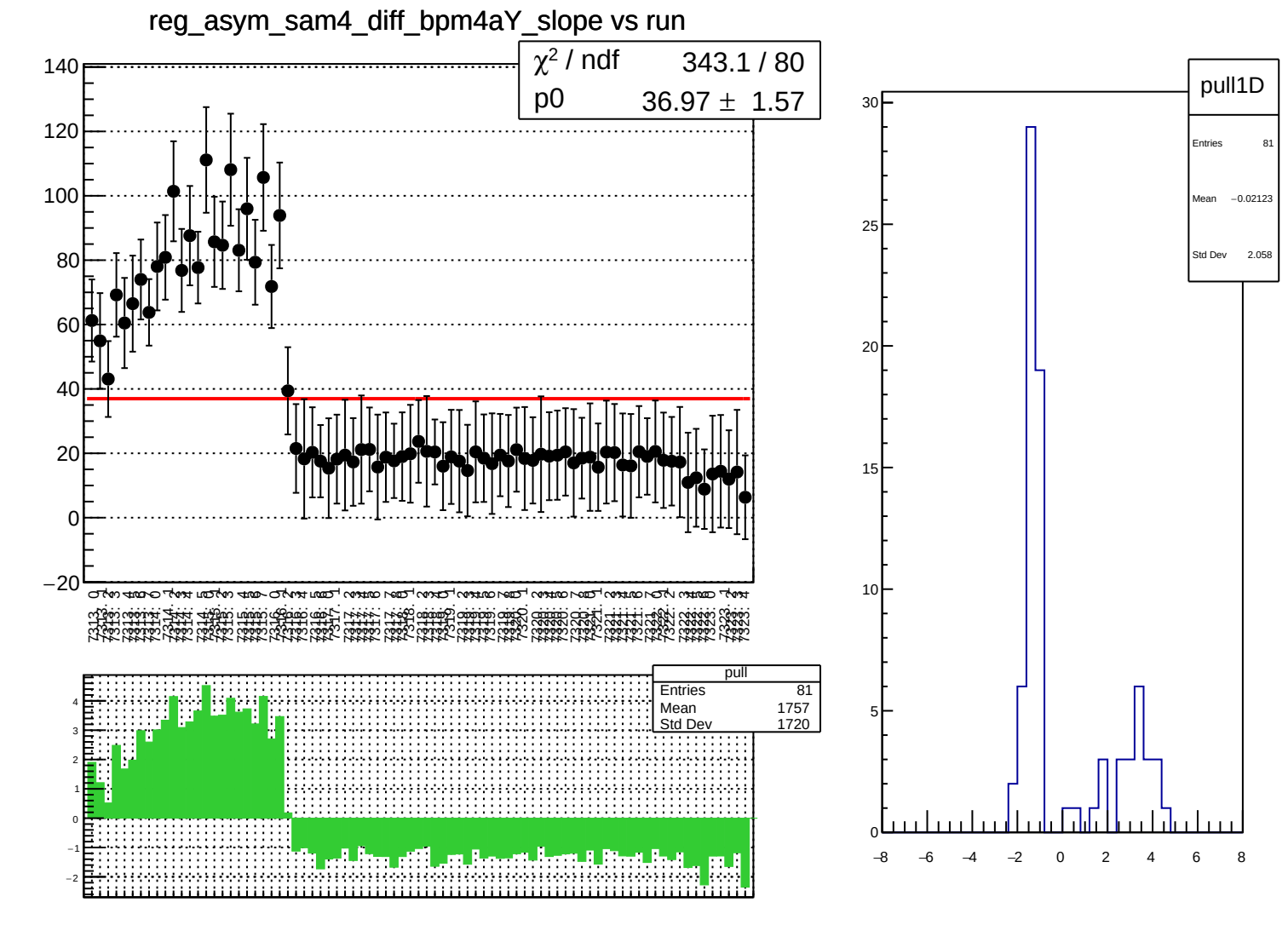

pull1D
Entries 81
Mean 0.03764
Std Dev 1.97

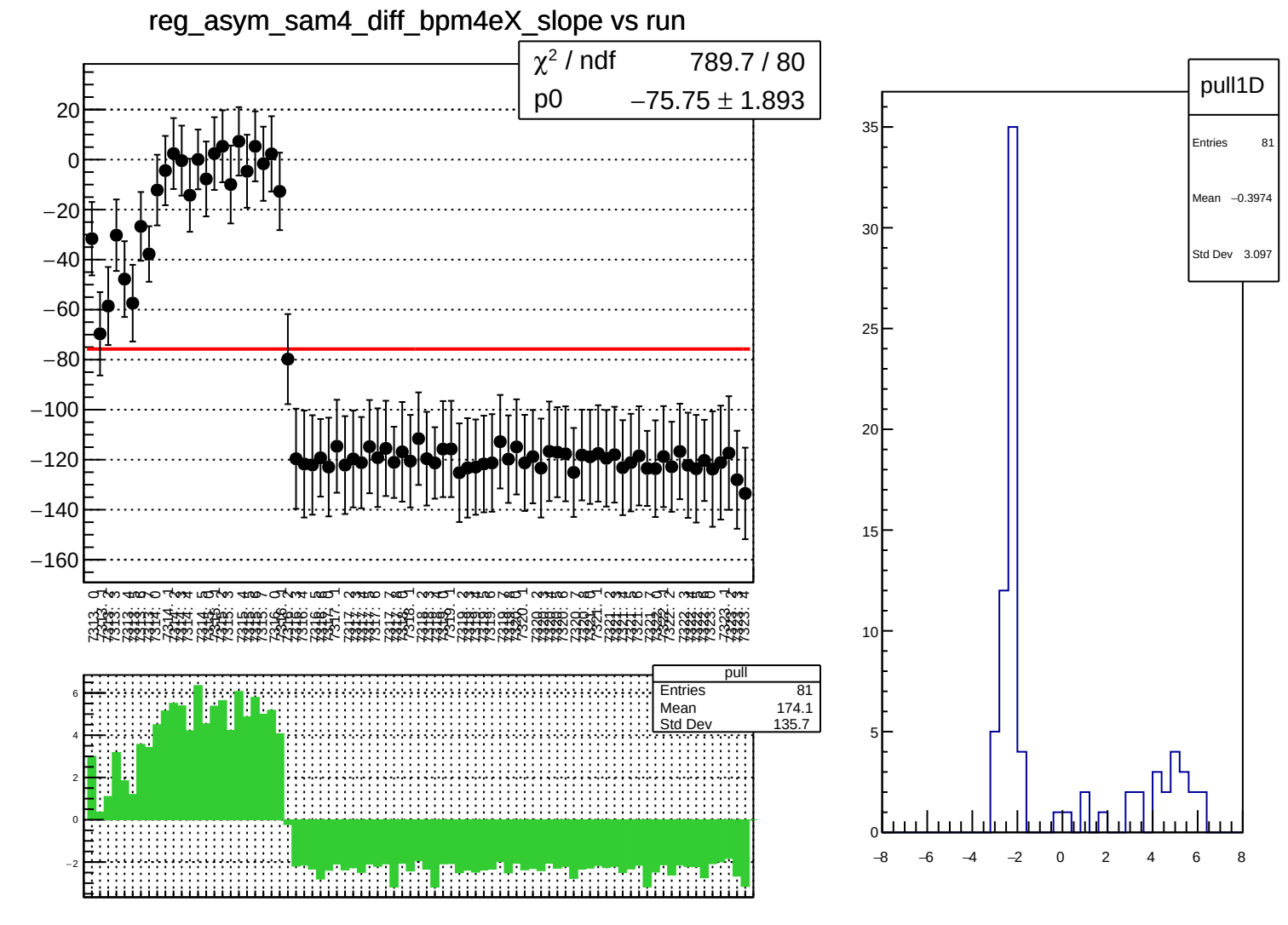

reg_asym_sam3_diff_bpm4eX_slope vs run
χ² / ndf 620.9 / 80
p0 −44.63 ± 0.5991
pull
Entries 81
Mean 220.5
Std Dev 182
pull1D
Entries 81
Mean −0.2744
Std Dev 2.755

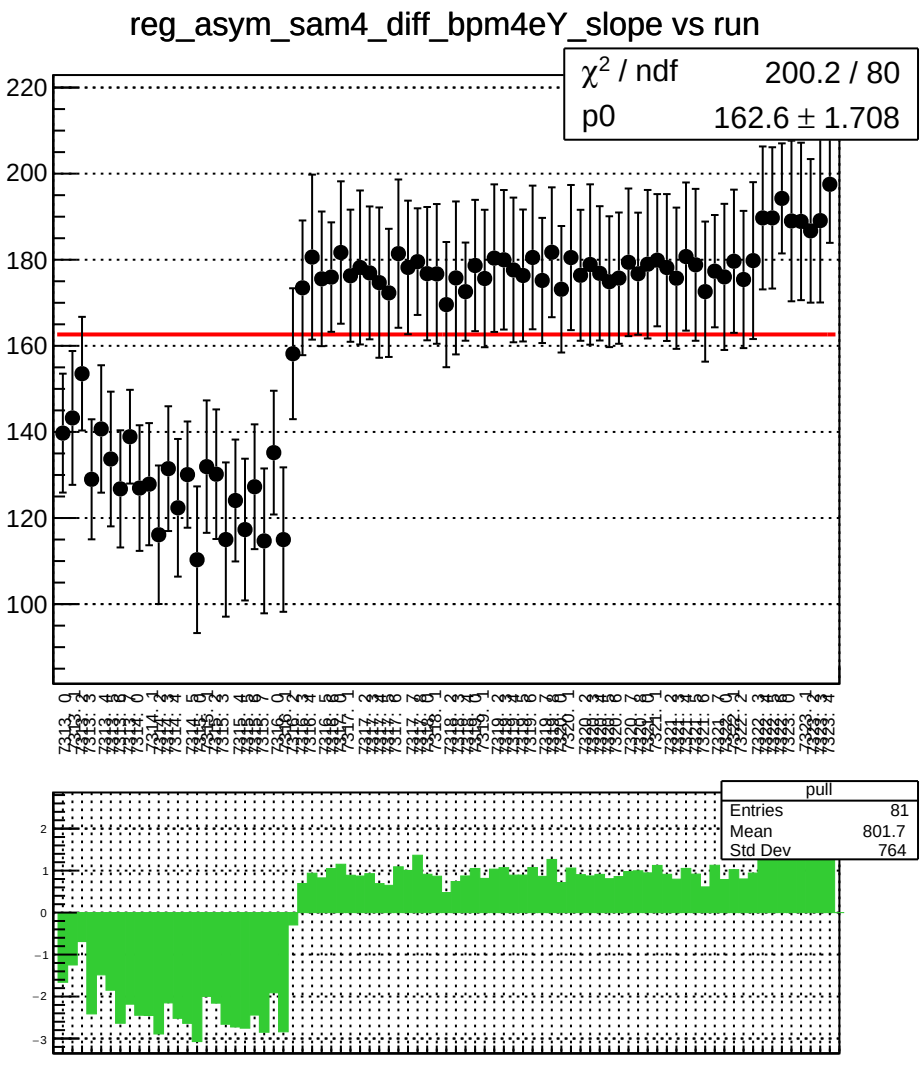

reg_asym_sam3_diff_bpm4eY_slope vs run
χ² / ndf 273.7 / 80
p0 20.75 ± 0.5357
pull
Entries 81
Mean −1945
Std Dev 1982
pull1D
Entries 81
Mean −0.01657
Std Dev 1.838

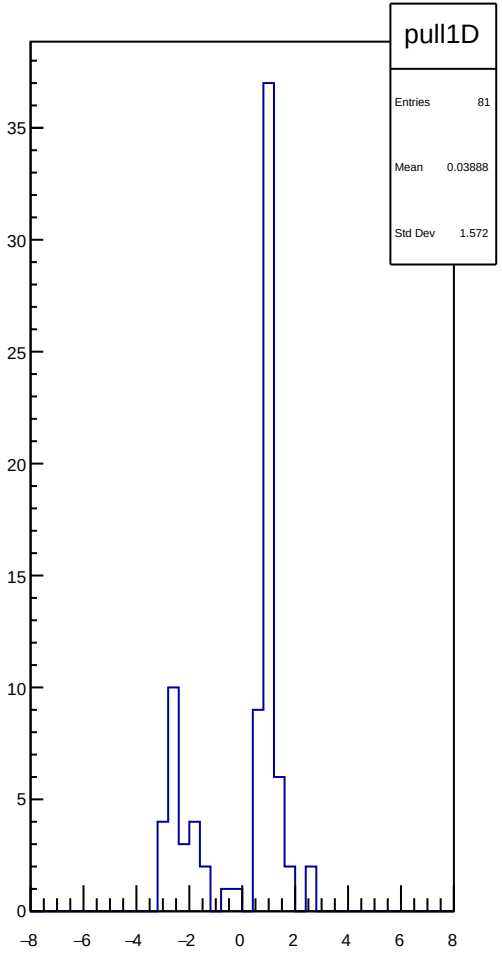

reg_asym_sam3_diff_bpm12X_slope vs run
χ² / ndf 34.27 / 80
p0 −0.04866 ± 0.02247
pull
Entries 81
Mean −207.2
Std Dev 244.4
pull1D
Entries 81
Mean −0.04496
Std Dev 0.6489

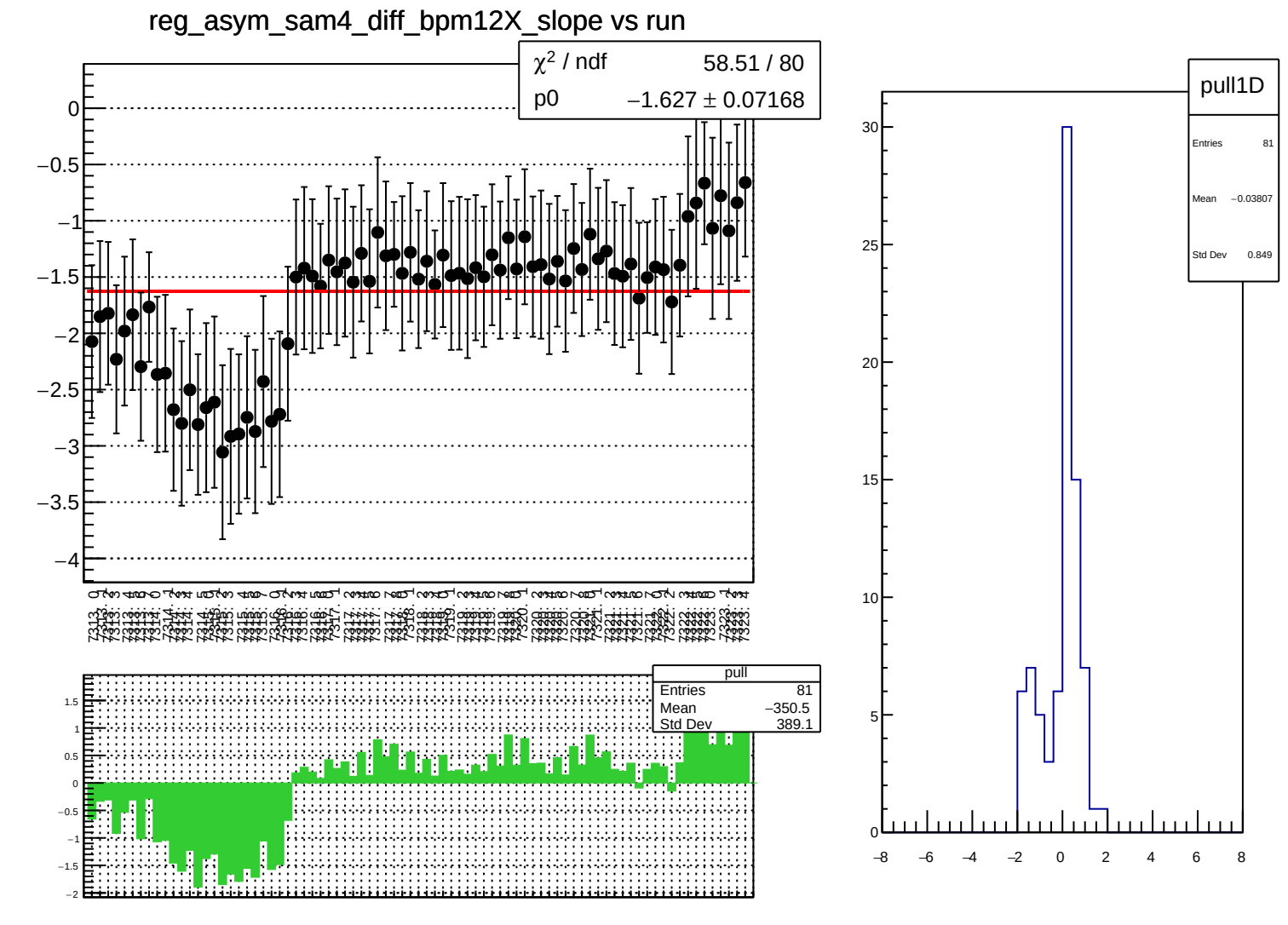

reg_asym_sam4_diff_bpm1X_slope vs run
χ² / ndf 1032 / 80
p0 −79.19 ± 1.901
pull
Entries 81
Mean 177.3
Std Dev 138.9
pull1D
Entries 81
Mean 0.4344
Std Dev 3.542

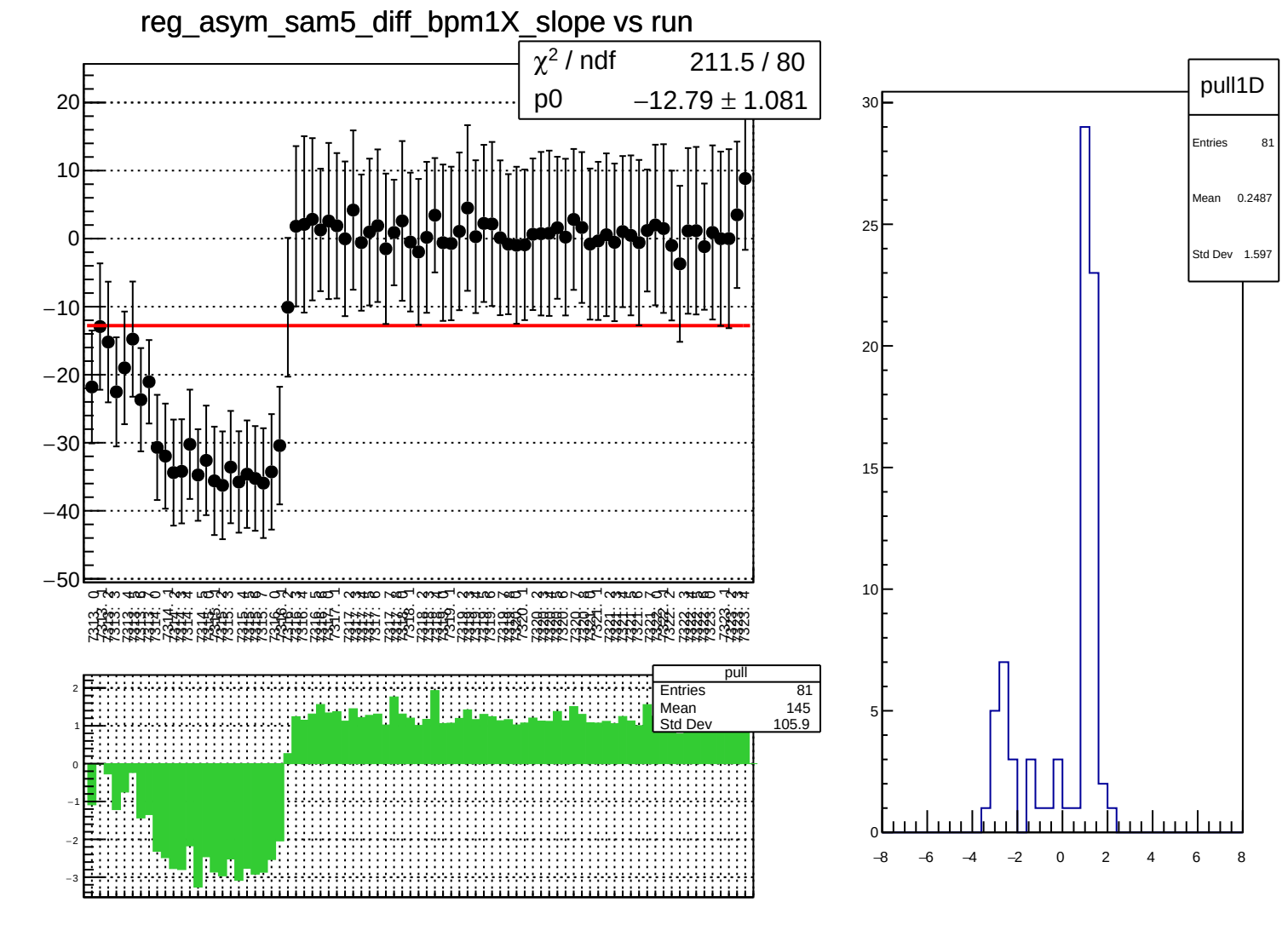

reg_asym_sam4_diff_bpm4aY_slope vs run
χ² / ndf 343.1 / 80
p0 36.97 ± 1.57
pull
Entries 81
Mean 1757
Std Dev 1720
pull1D
Entries 81
Mean −0.02123
Std Dev 2.058

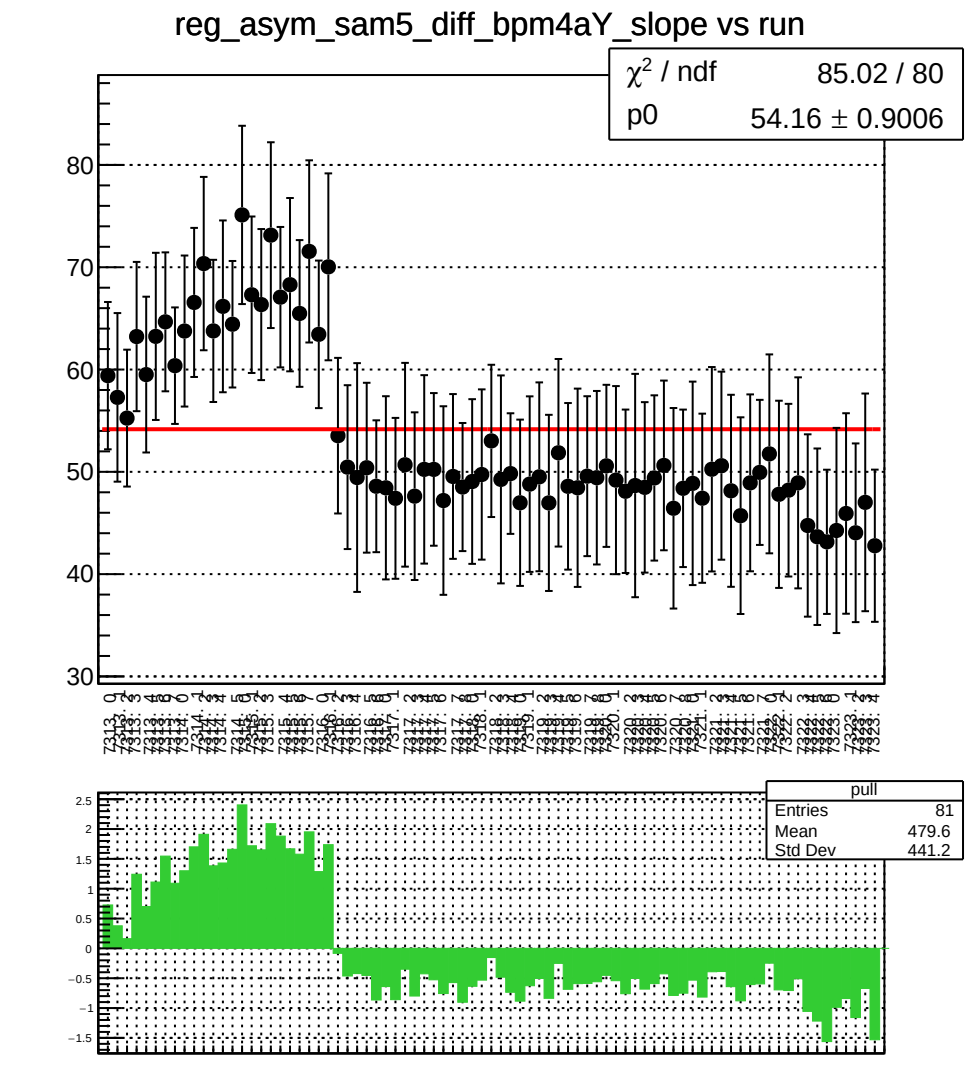

reg_asym_sam4_diff_bpm4eX_slope vs run
χ² / ndf 789.7 / 80
p0 −75.75 ± 1.893
pull
Entries 81
Mean 174.1
Std Dev 135.7
pull1D
Entries 81
Mean −0.3974
Std Dev 3.097

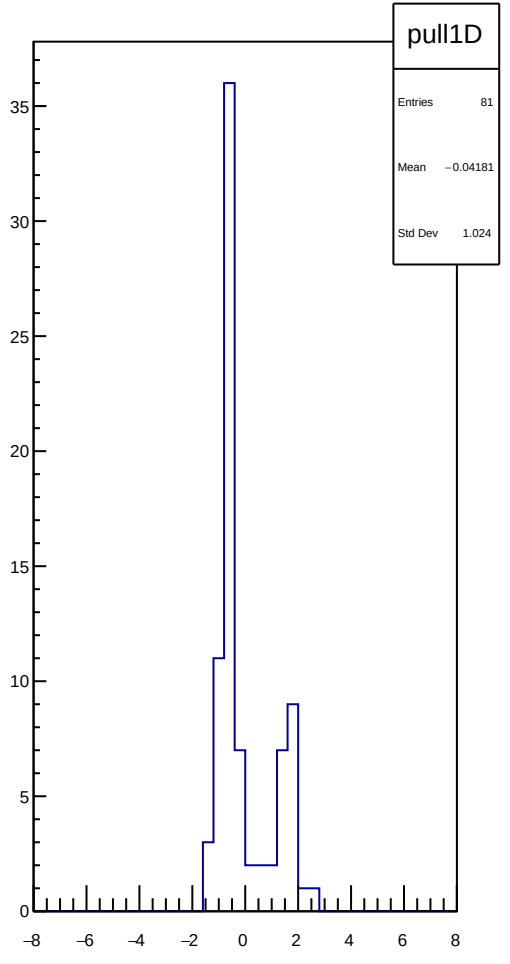

reg_asym_sam4_diff_bpm4eY_slope vs run
χ² / ndf 200.2 / 80
p0 162.6 ± 1.708
pull
Entries 81
Mean 801.7
Std Dev 764

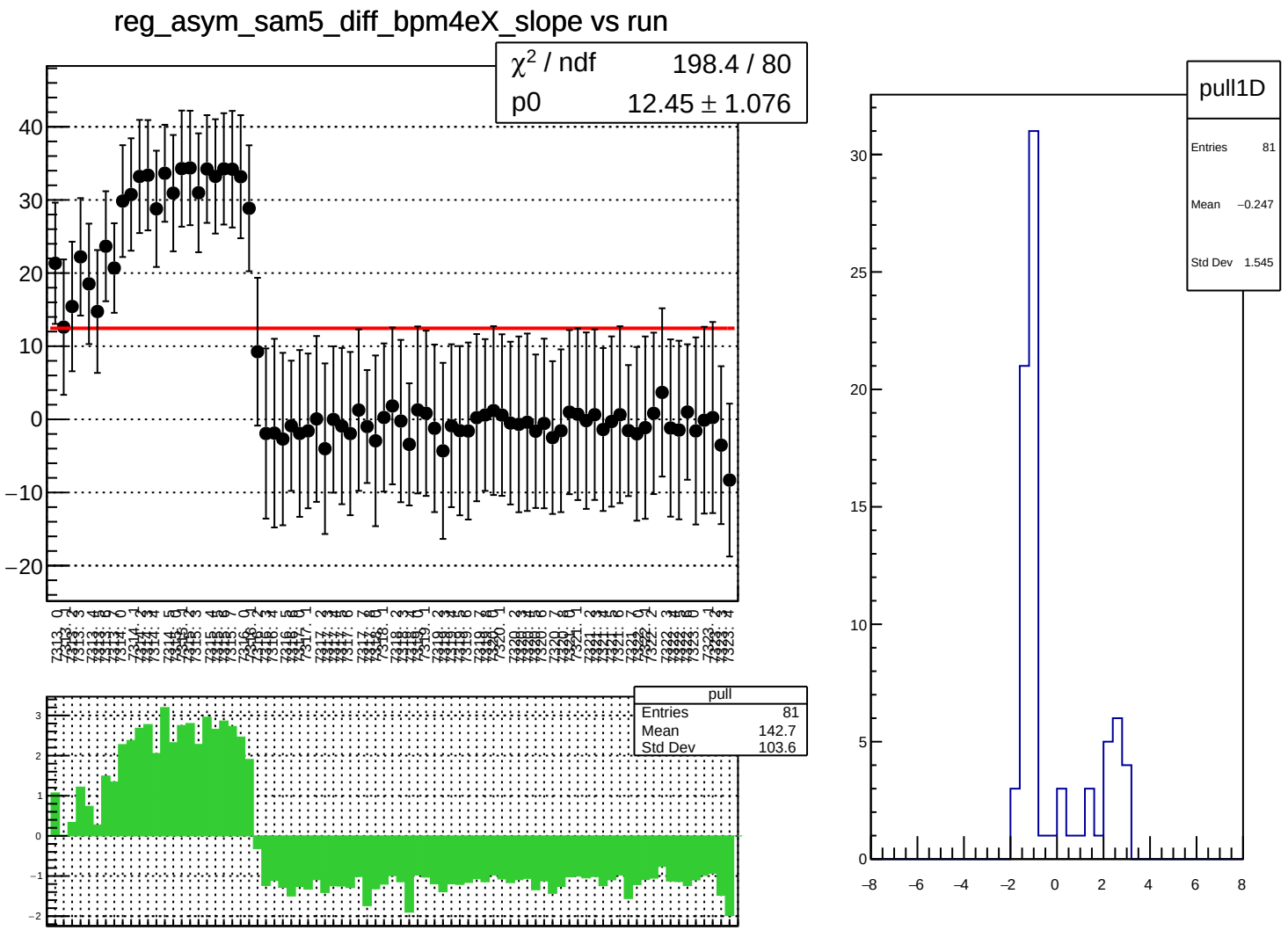

pull1D
Entries 81
Mean 0.03888
Std Dev 1.572

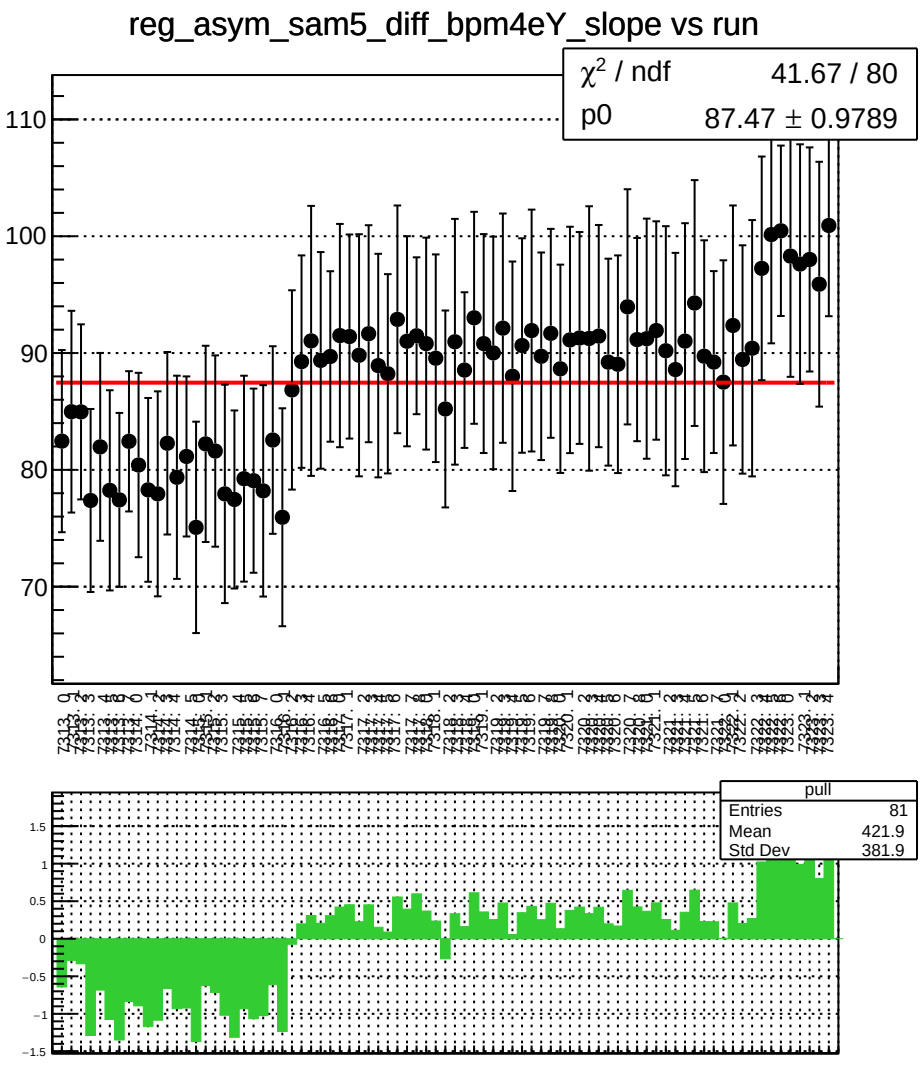

reg_asym_sam4_diff_bpm12X_slope vs run
χ² / ndf 58.51 / 80
p0 −1.627 ± 0.07168
pull
Entries 81
Mean −350.5
Std Dev 389.1
pull1D
Entries 81
Mean −0.03807
Std Dev 0.849

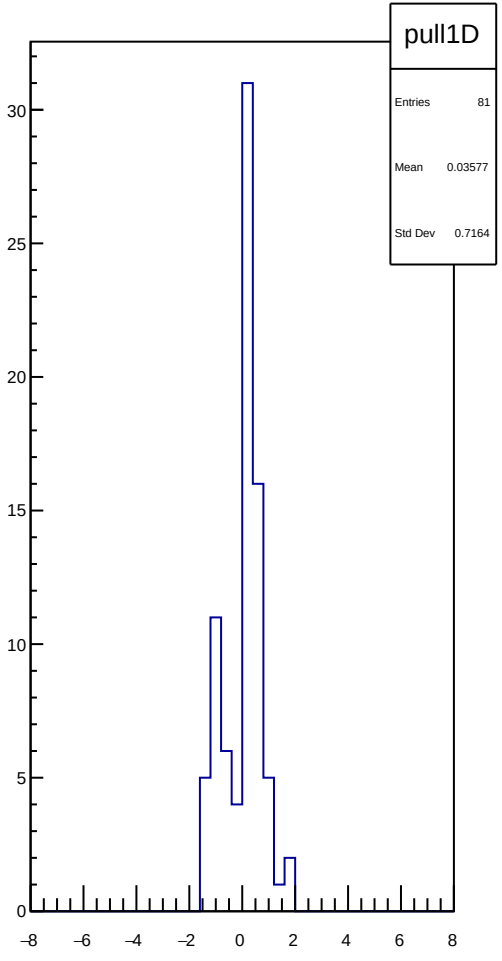

reg_asym_sam5_diff_bpm1X_slope vs run
χ² / ndf 211.5 / 80
p0 −12.79 ± 1.081
pull
Entries 81
Mean 145
Std Dev 105.9
pull1D
Entries 81
Mean 0.2487
Std Dev 1.597

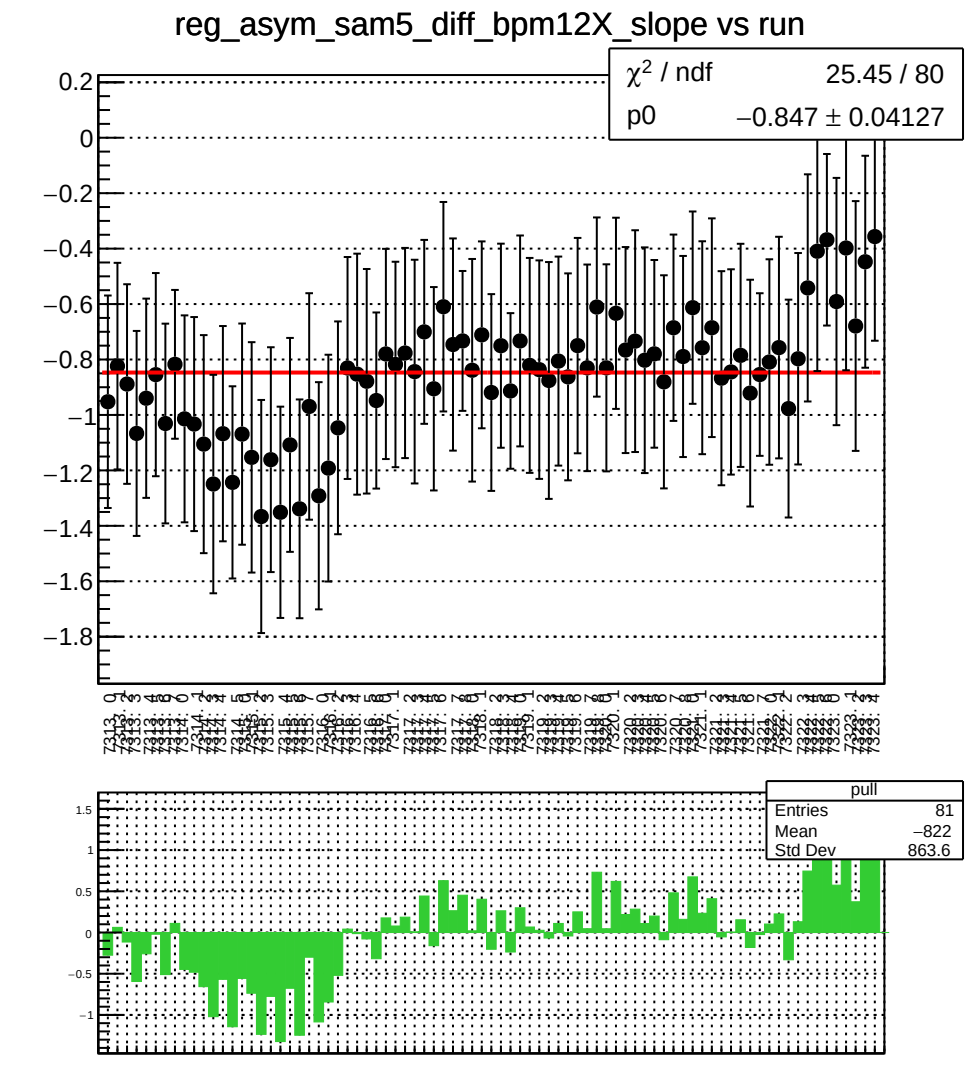

reg_asym_sam5_diff_bpm4aY_slope vs run
χ² / ndf 85.02 / 80
p0 54.16 ± 0.9006
pull
Entries 81
Mean 479.6
Std Dev 441.2

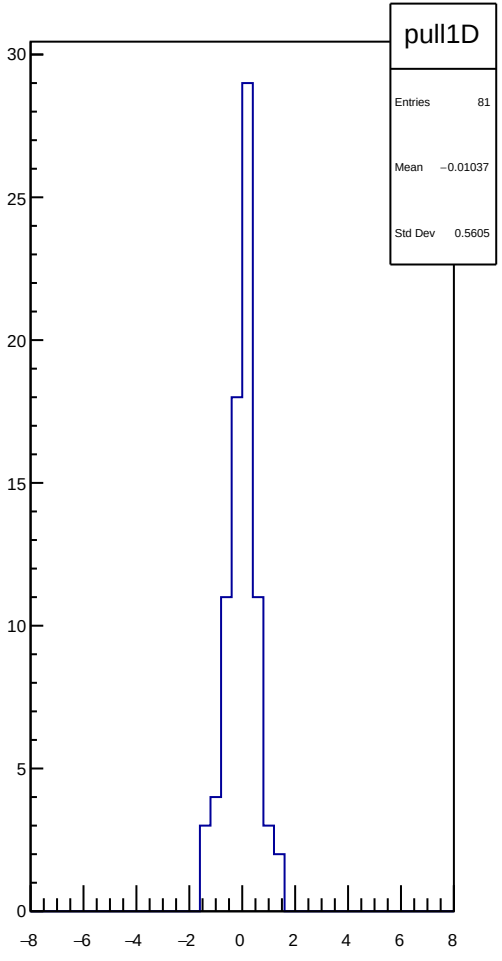

pull1D
Entries 81
Mean −0.04181
Std Dev 1.024

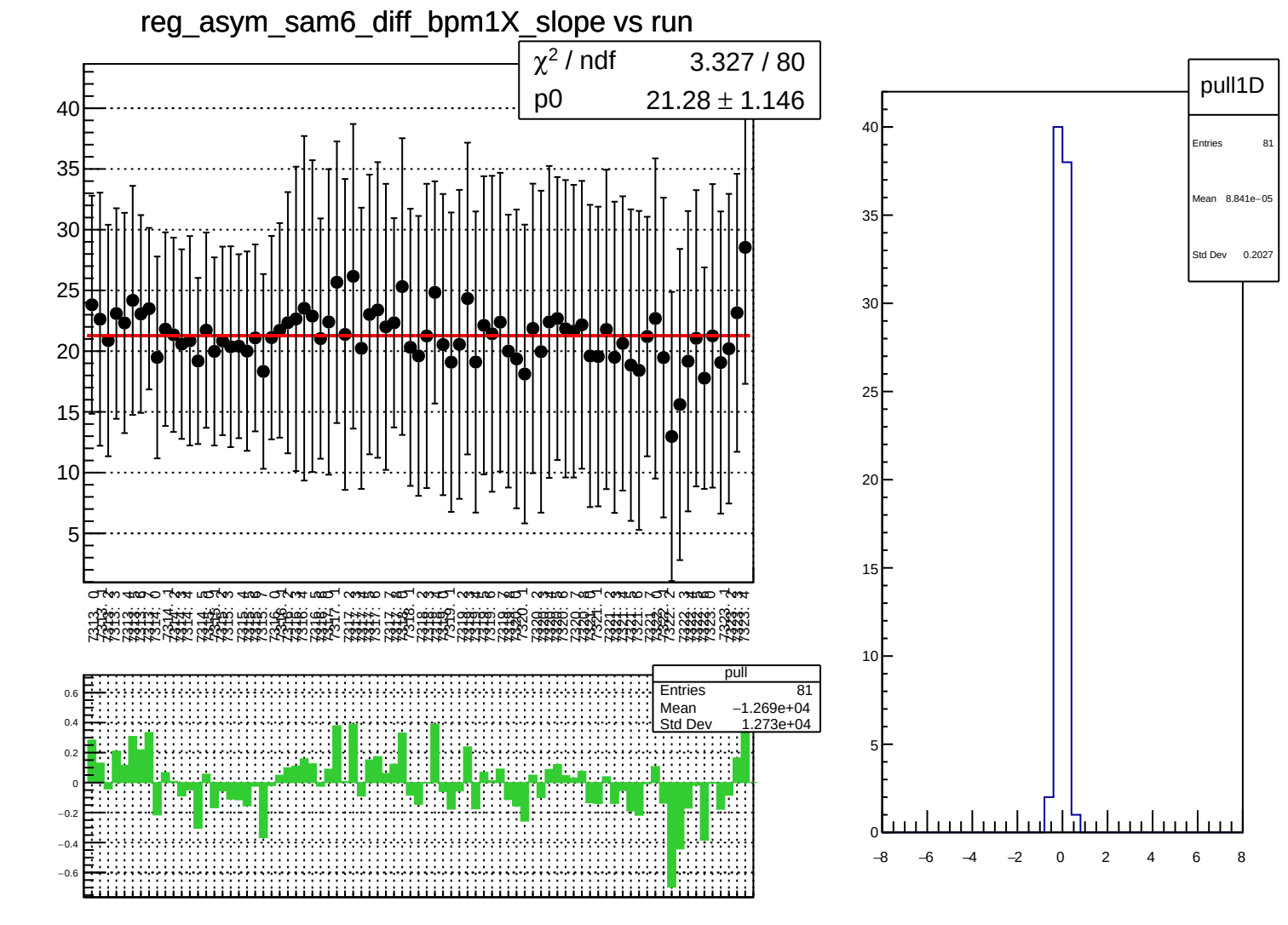

reg_asym_sam5_diff_bpm4eX_slope vs run
χ² / ndf 198.4 / 80
p0 12.45 ± 1.076
pull
Entries 81
Mean 142.7
Std Dev 103.6
pull1D
Entries 81
Mean −0.247
Std Dev 1.545

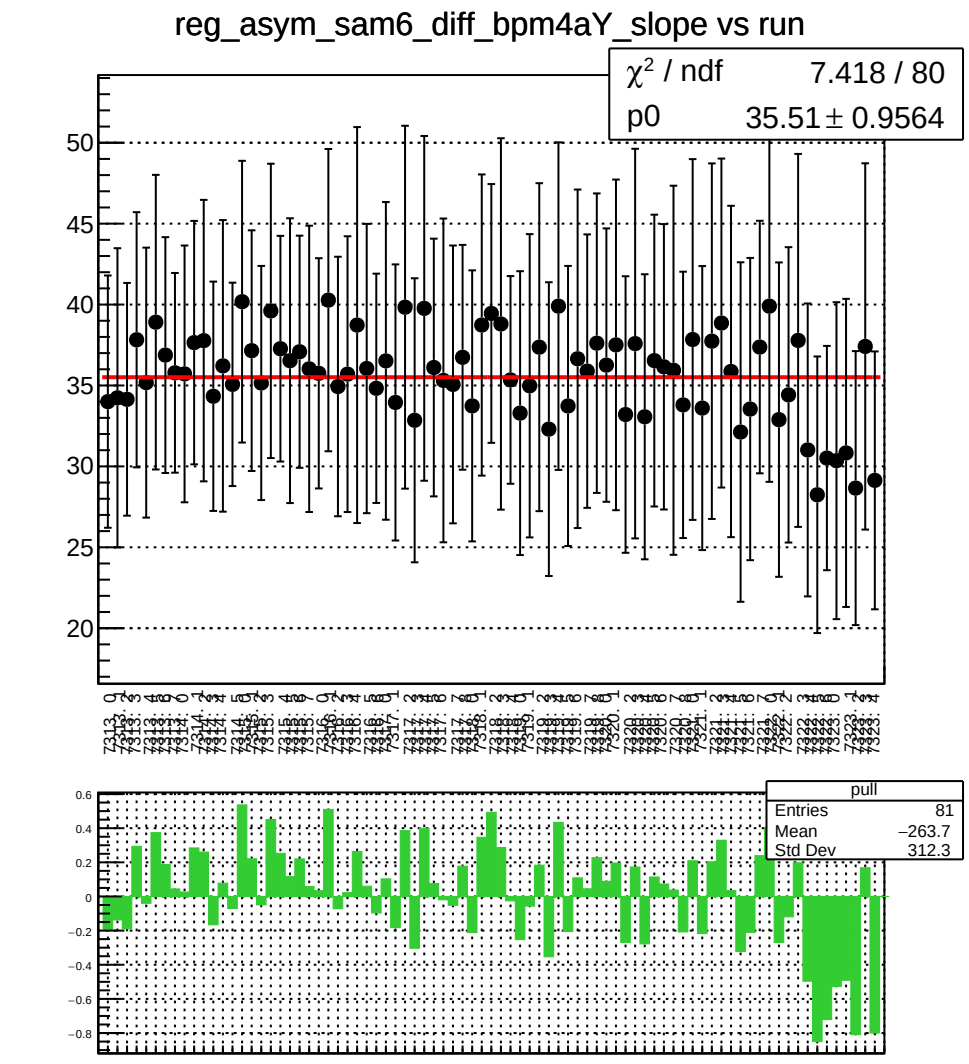

reg_asym_sam5_diff_bpm4eY_slope vs run
χ² / ndf 41.67 / 80
p0 87.47 ± 0.9789
pull
Entries 81
Mean 421.9
Std Dev 381.9

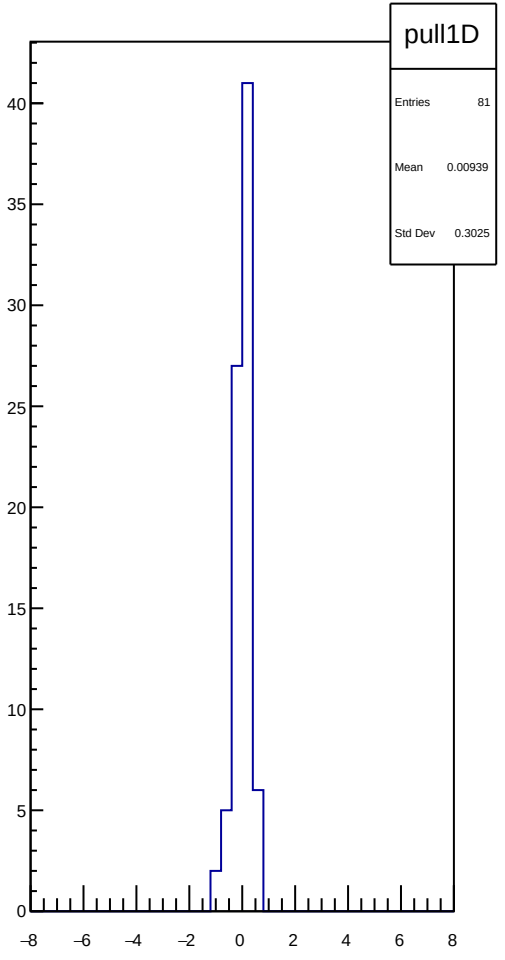

pull1D
Entries 81
Mean 0.03577
Std Dev 0.7164

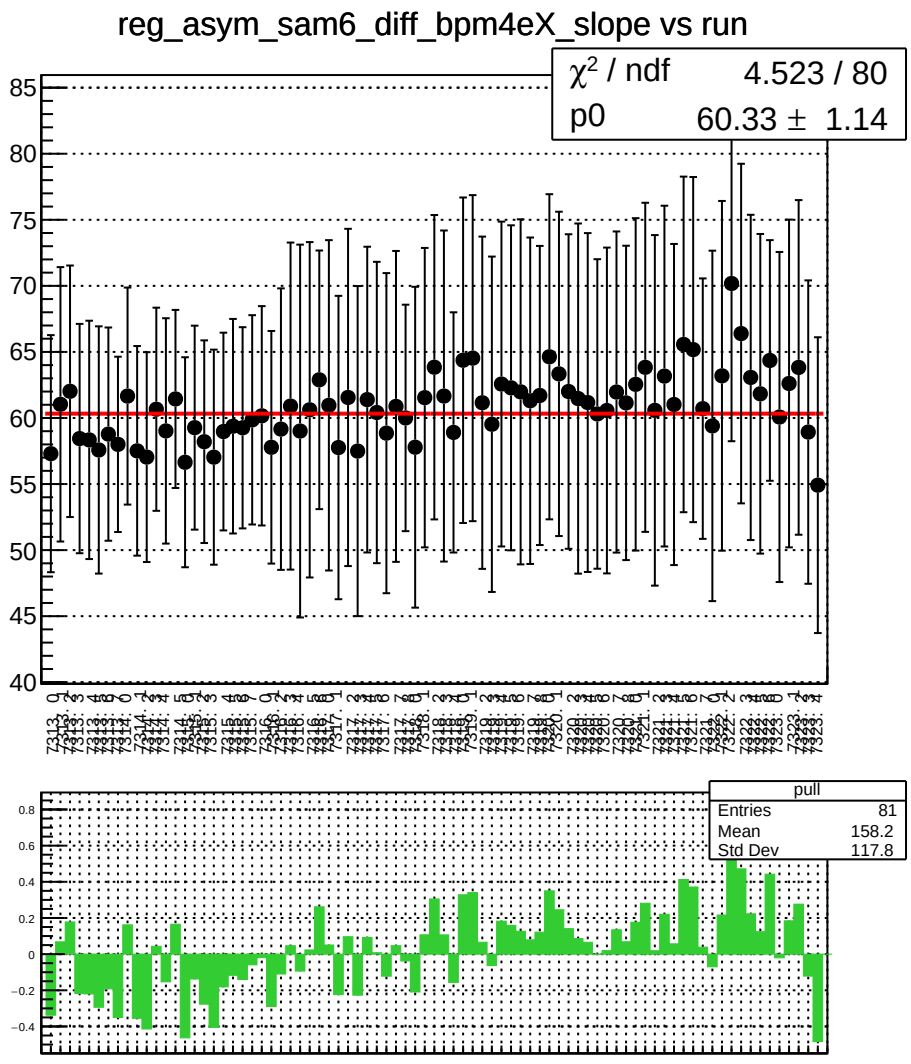

reg_asym_sam5_diff_bpm12X_slope vs run
χ² / ndf 25.45 / 80
p0 −0.847 ± 0.04127
pull
Entries 81
Mean −822
Std Dev 863.6

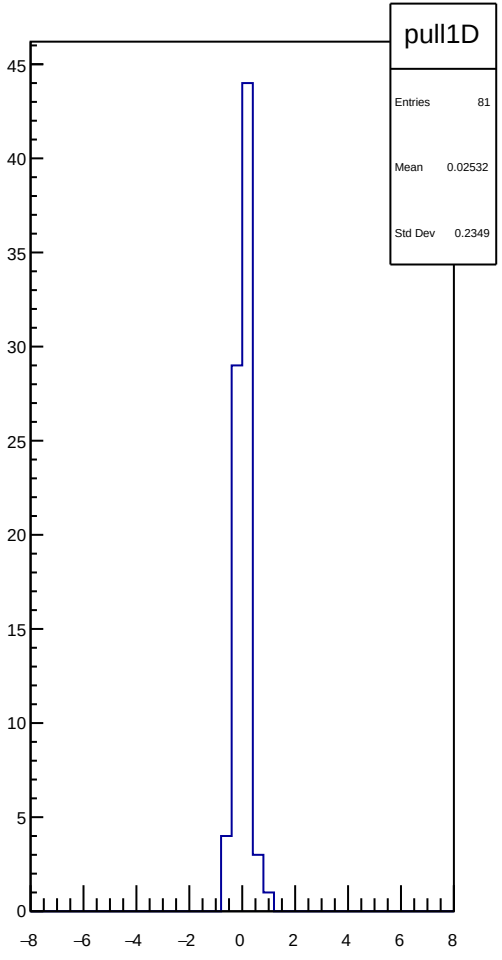

pull1D
Entries 81
Mean −0.01037
Std Dev 0.5605

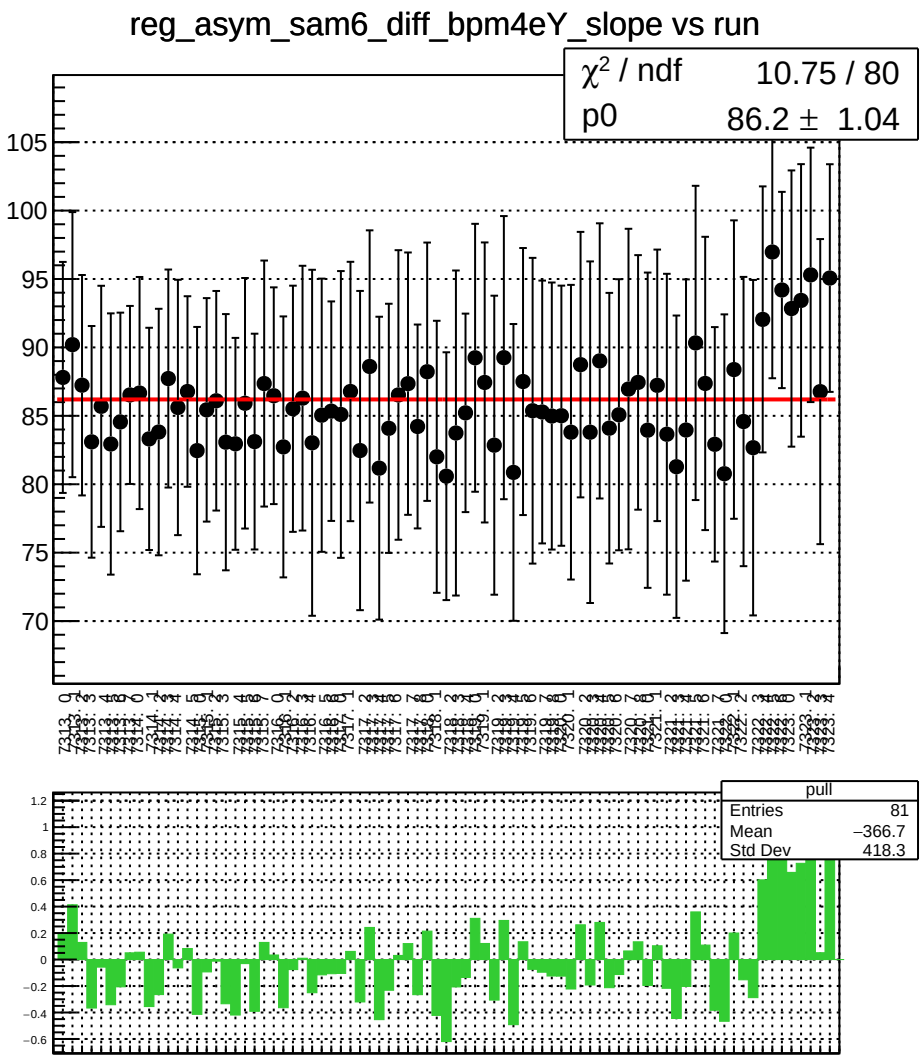

reg_asym_sam6_diff_bpm1X_slope vs run
χ² / ndf 3.327 / 80
p0 21.28 ± 1.146
pull
Entries 81
Mean −1.269e+04
Std Dev 1.273e+04
pull1D
Entries 81
Mean 8.841e−05
Std Dev 0.2027

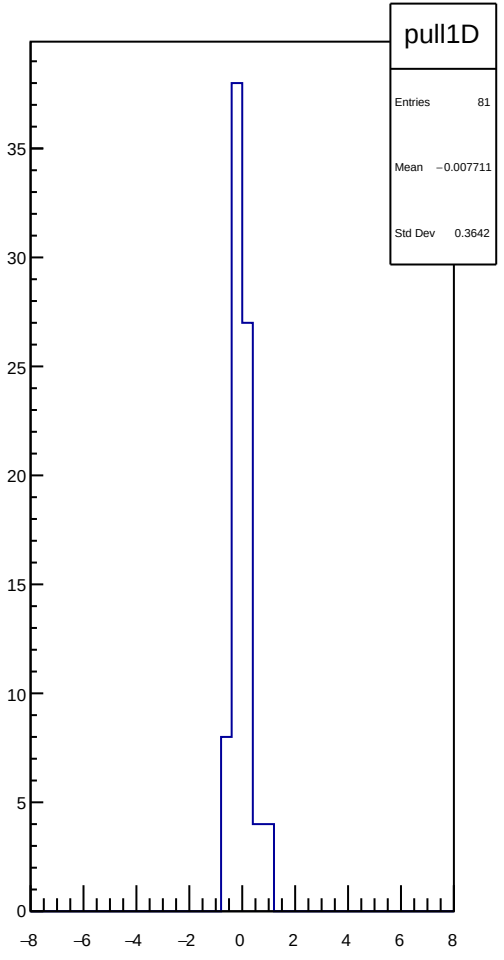

reg_asym_sam6_diff_bpm4aY_slope vs run
χ² / ndf 7.418 / 80
p0 35.51 ± 0.9564
pull
Entries 81
Mean −263.7
Std Dev 312.3

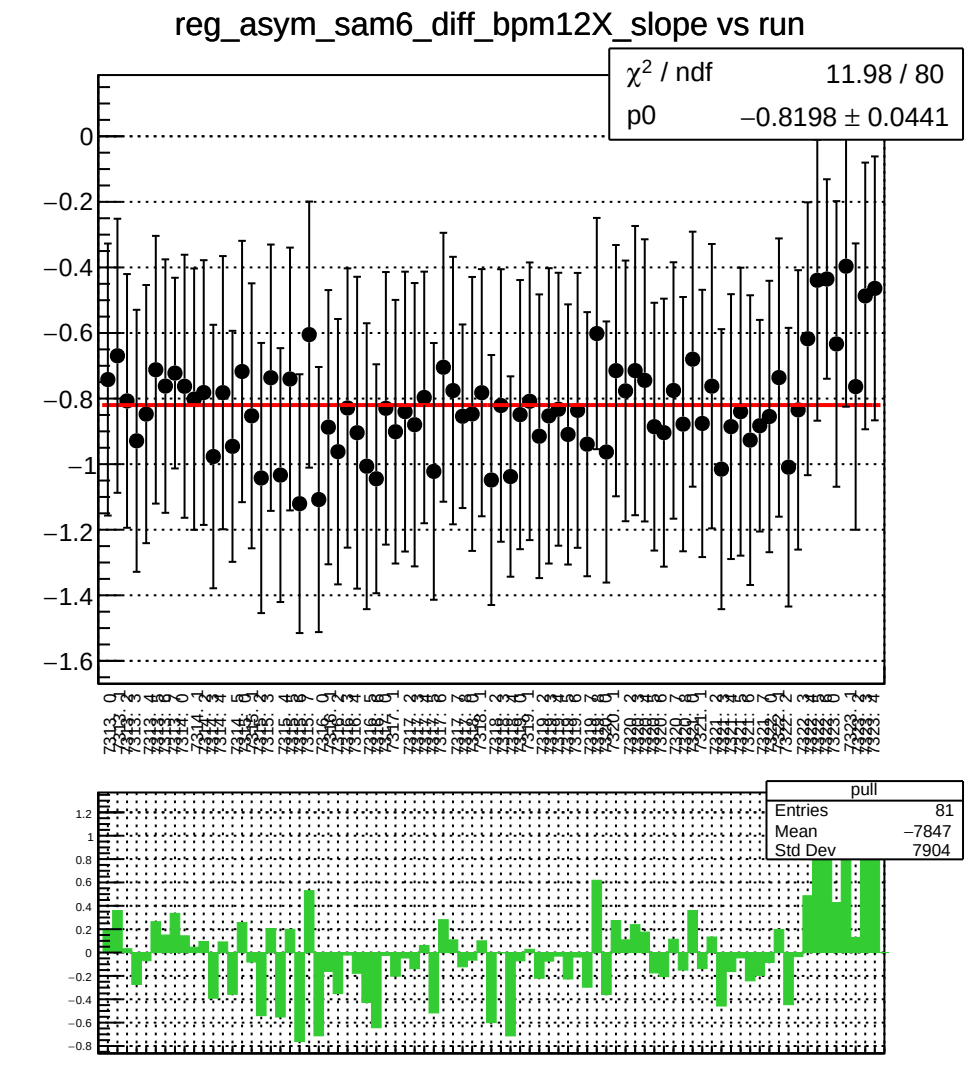

pull1D
Entries 81
Mean 0.00939
Std Dev 0.3025

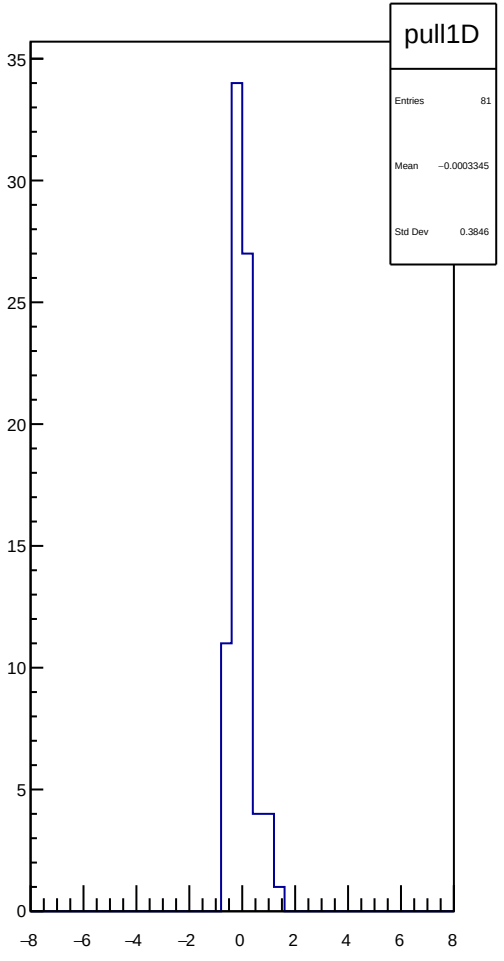

reg_asym_sam6_diff_bpm4eX_slope vs run
χ² / ndf 4.523 / 80
p0 60.33 ± 1.14
pull
Entries 81
Mean 158.2
Std Dev 117.8

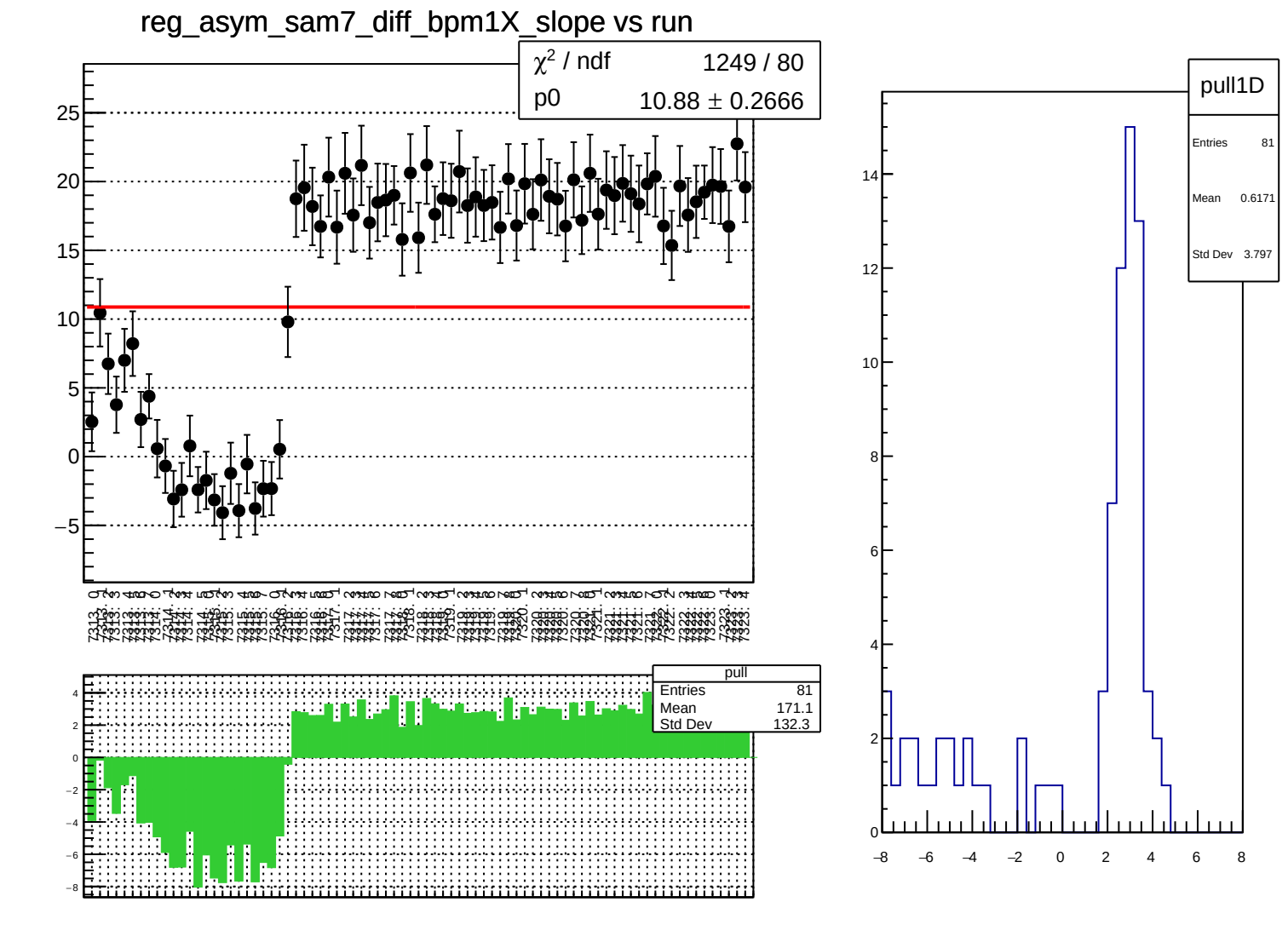

pull1D
Entries 81
Mean 0.02532
Std Dev 0.2349

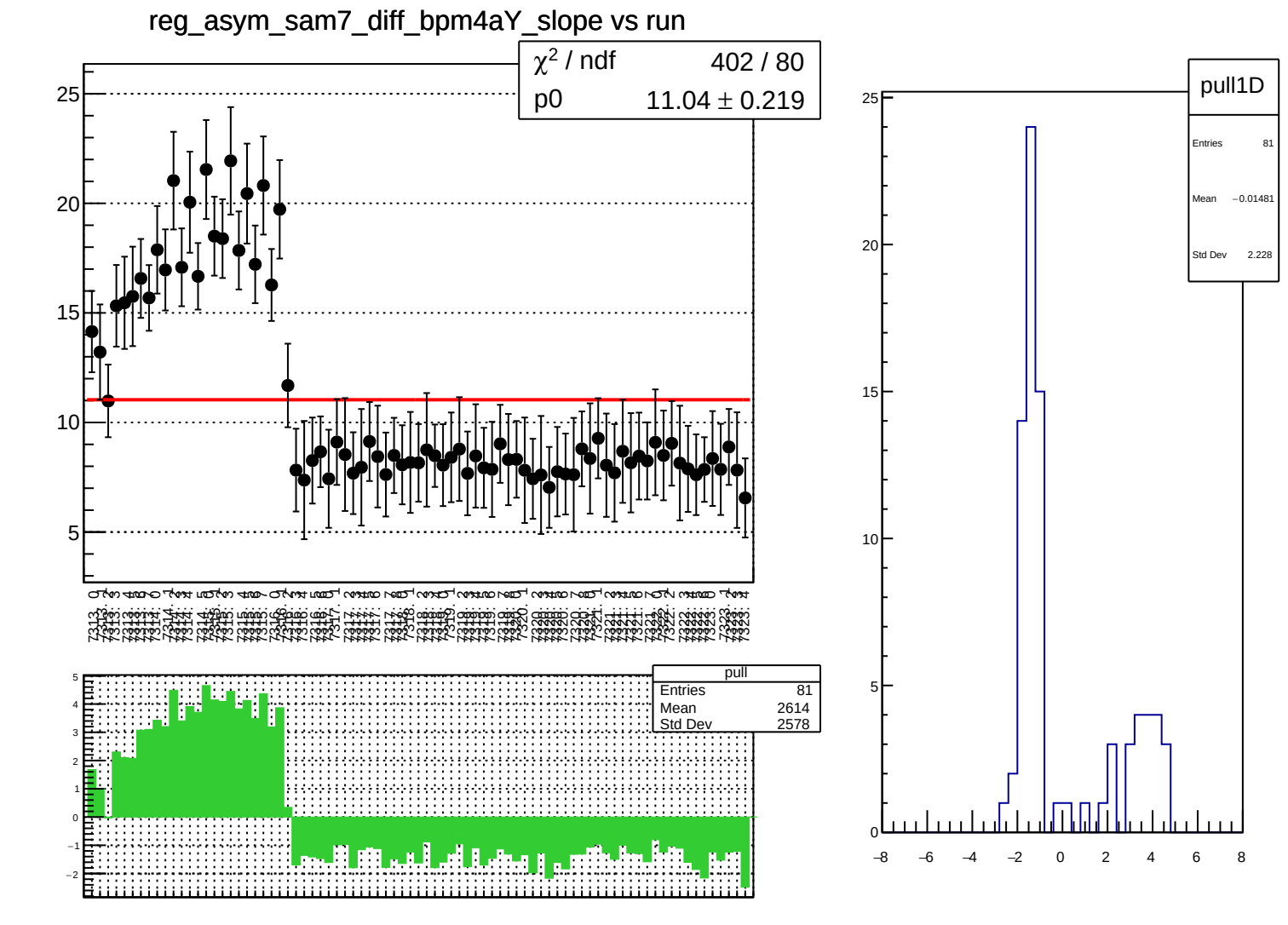

reg_asym_sam6_diff_bpm4eY_slope vs run
χ² / ndf 10.75 / 80
p0 86.2 ± 1.04
pull
Entries 81
Mean −366.7
Std Dev 418.3

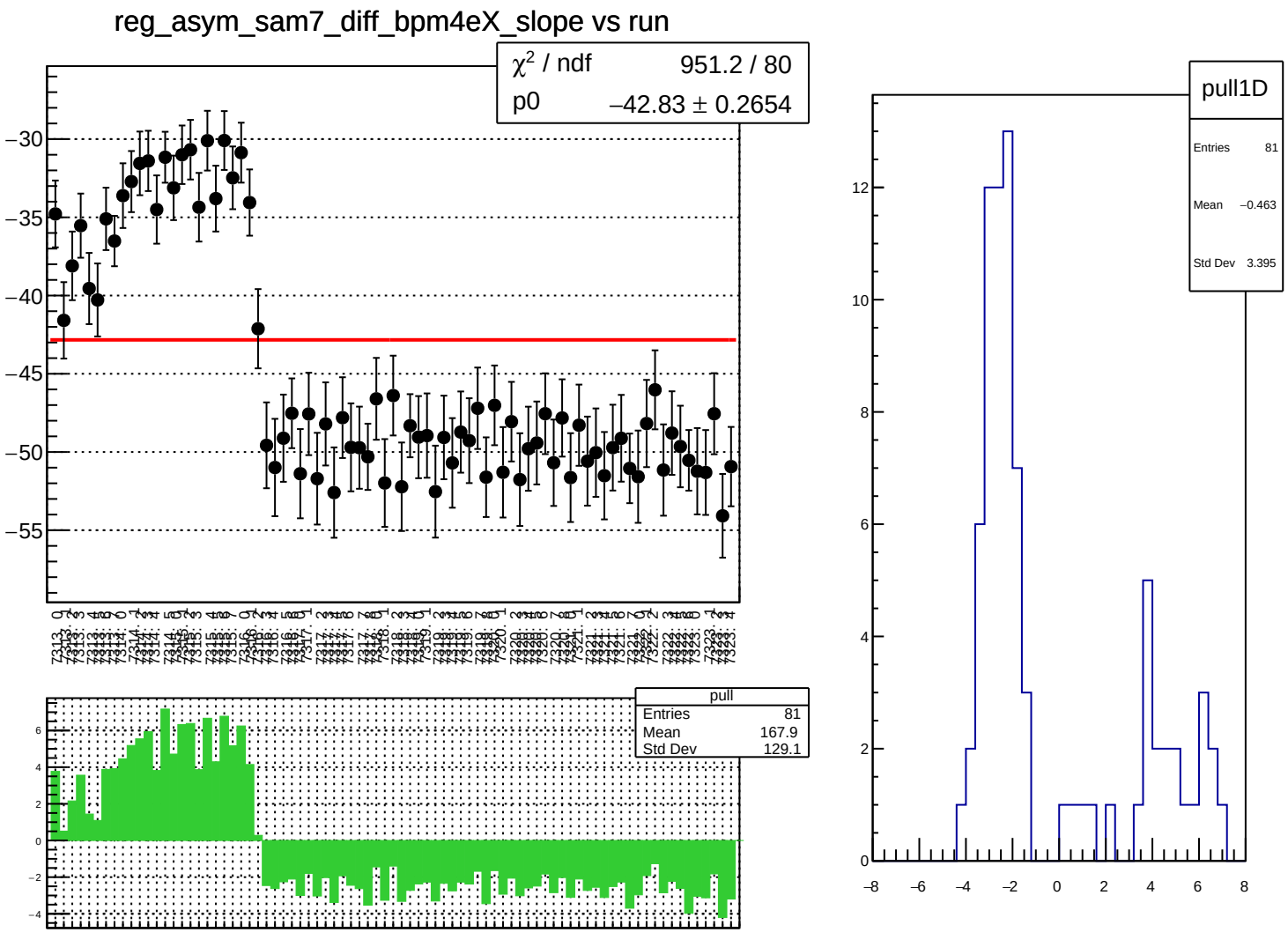

pull1D
Entries 81
Mean −0.007711
Std Dev 0.3642

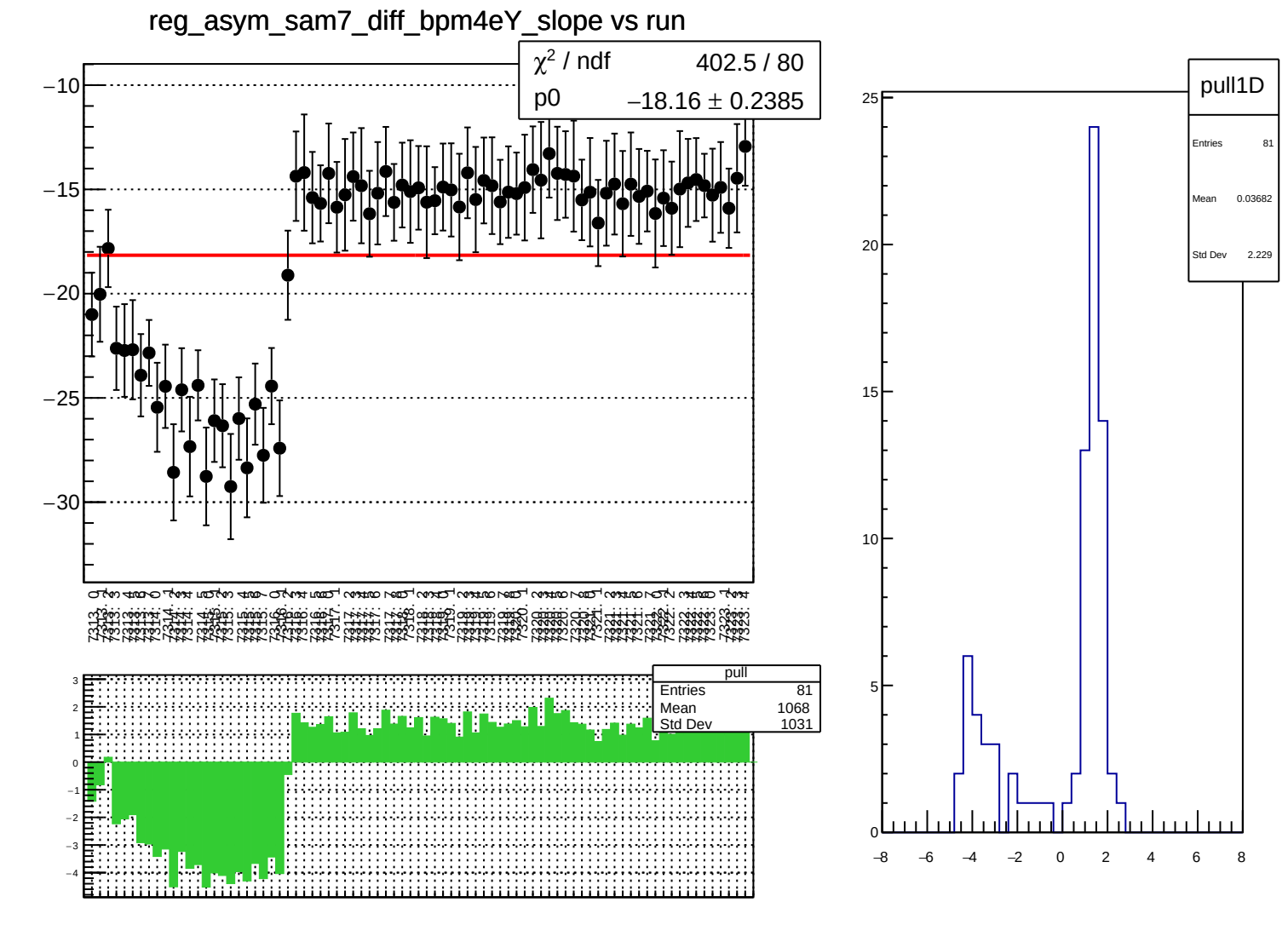

reg_asym_sam6_diff_bpm12X_slope vs run
χ² / ndf 11.98 / 80
p0 −0.8198 ± 0.0441
pull
Entries 81
Mean −7847
Std Dev 7904

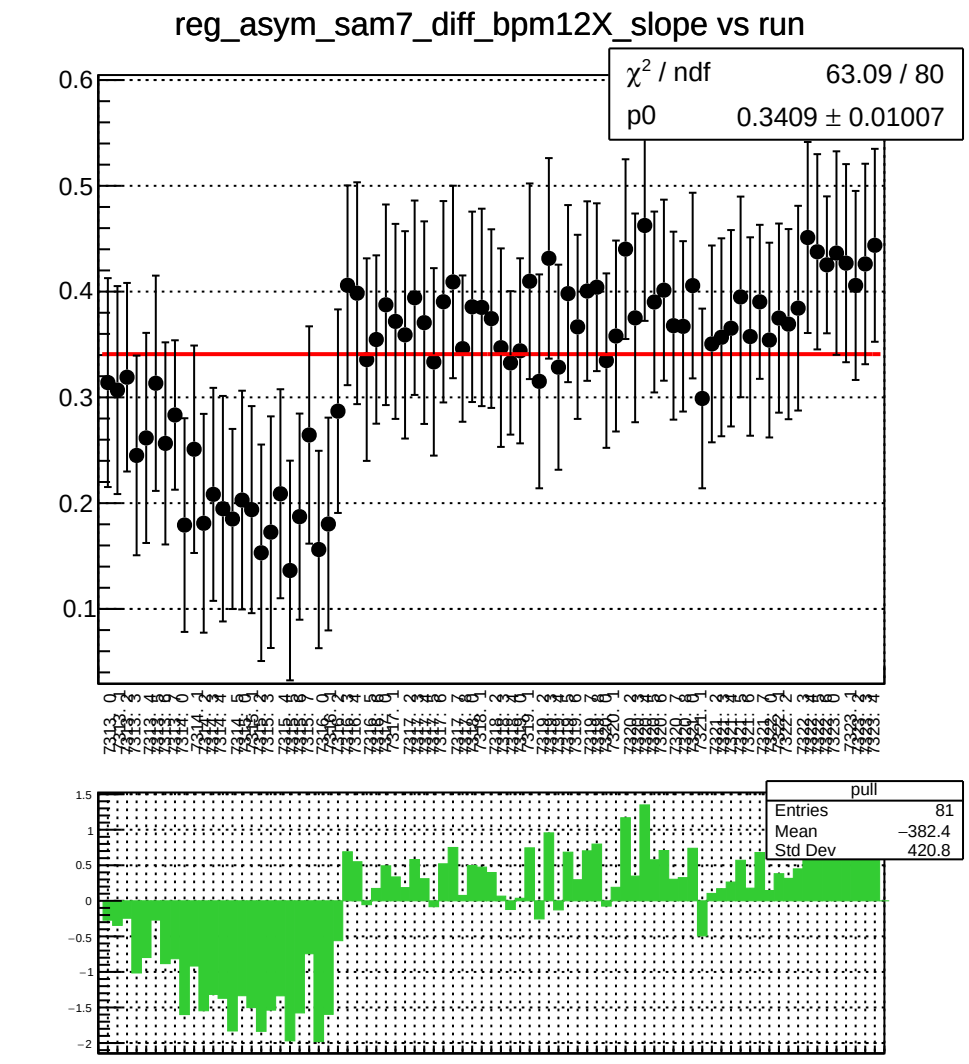

pull1D
Entries 81
Mean −0.0003345
Std Dev 0.3846

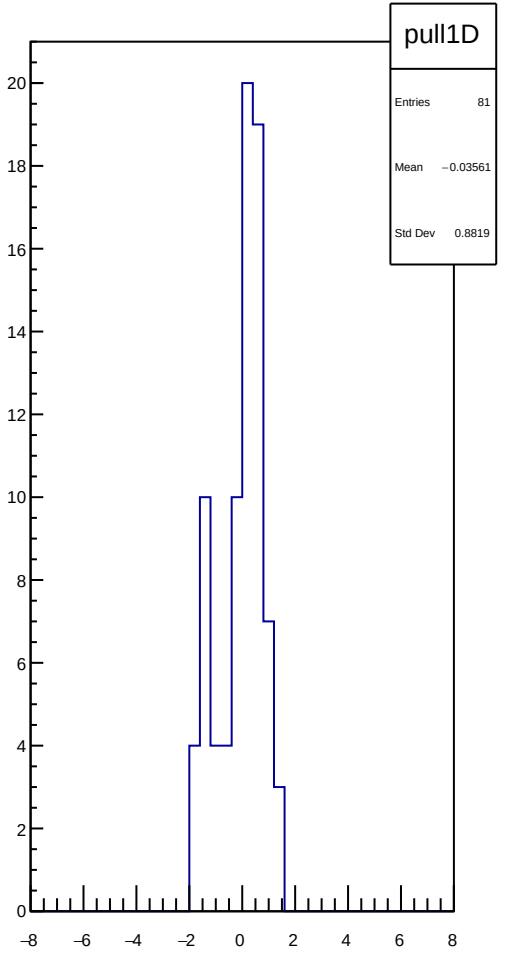

reg_asym_sam7_diff_bpm1X_slope vs run
χ² / ndf 1249 / 80
p0 10.88 ± 0.2666
pull
Entries 81
Mean 171.1
Std Dev 132.3
pull1D
Entries 81
Mean 0.6171
Std Dev 3.797

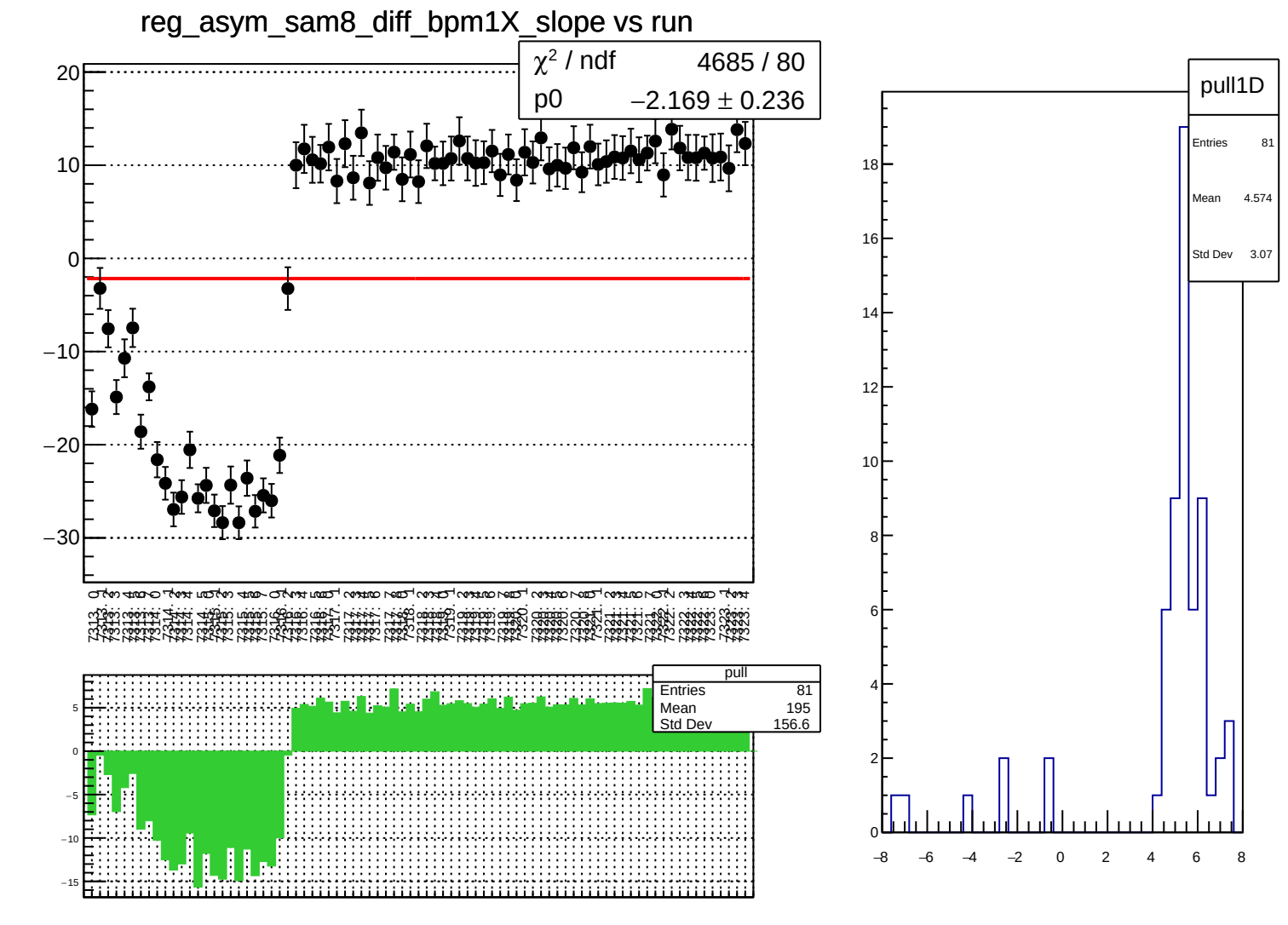

reg_asym_sam7_diff_bpm4aY_slope vs run
χ² / ndf 402 / 80
p0 11.04 ± 0.219
pull
Entries 81
Mean 2614
Std Dev 2578
pull1D
Entries 81
Mean −0.01481
Std Dev 2.228

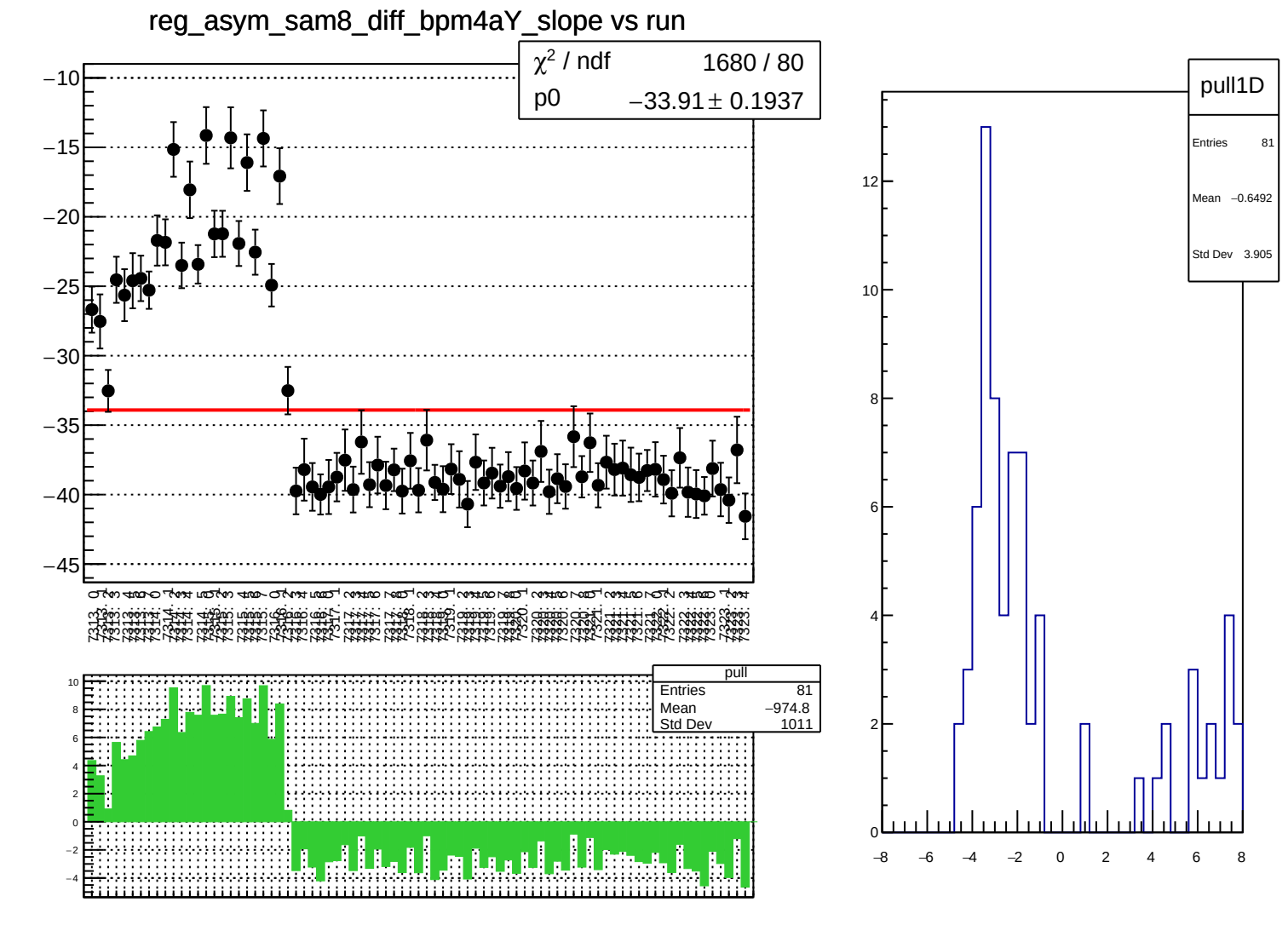

reg_asym_sam7_diff_bpm4eX_slope vs run
χ² / ndf 951.2 / 80
p0 −42.83 ± 0.2654
pull
Entries 81
Mean 167.9
Std Dev 129.1
pull1D
Entries 81
Mean −0.463
Std Dev 3.395

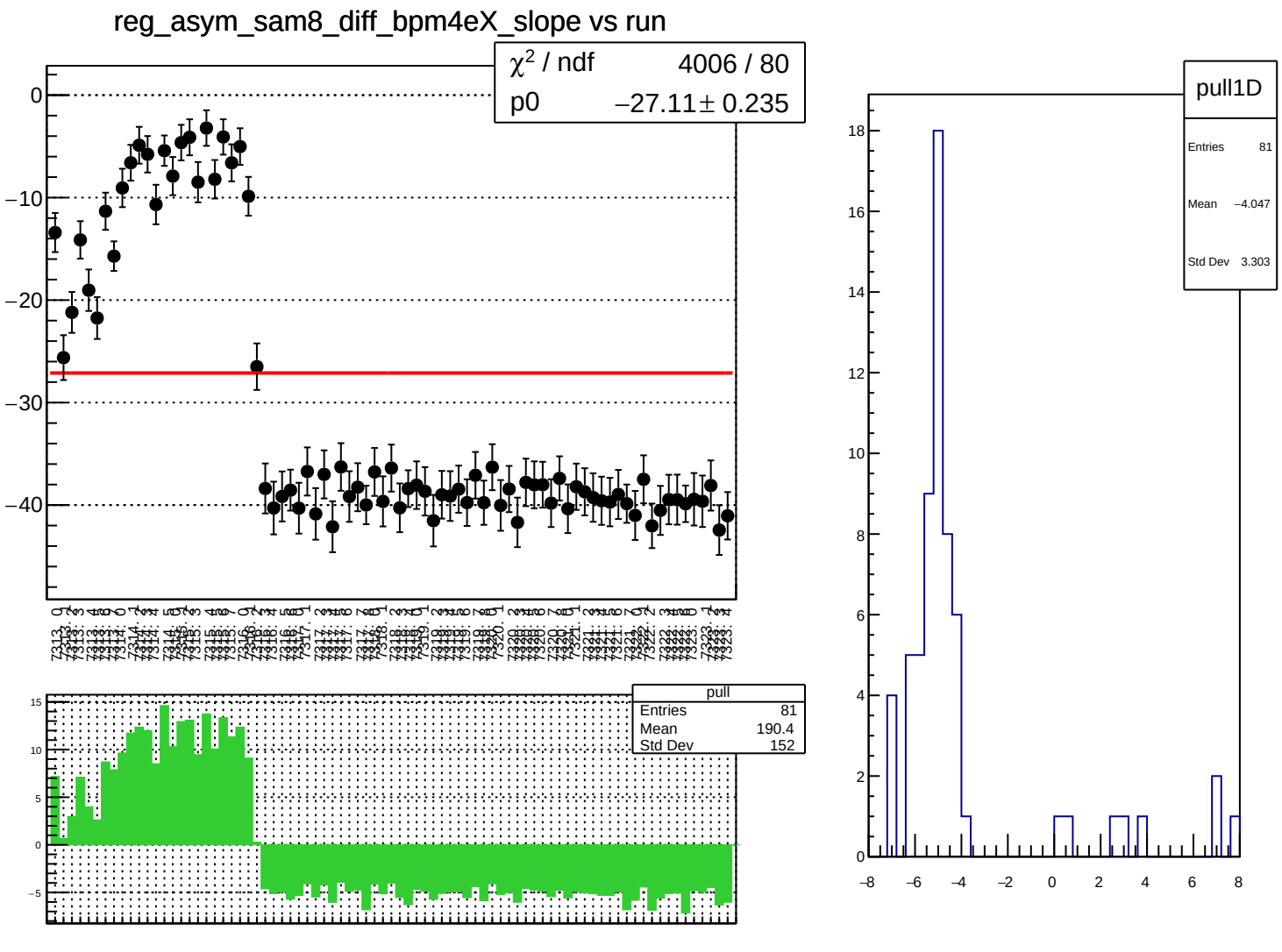

reg_asym_sam7_diff_bpm4eY_slope vs run
χ² / ndf 402.5 / 80
p0 −18.16 ± 0.2385
pull
Entries 81
Mean 1068
Std Dev 1031
pull1D
Entries 81
Mean 0.03682
Std Dev 2.229

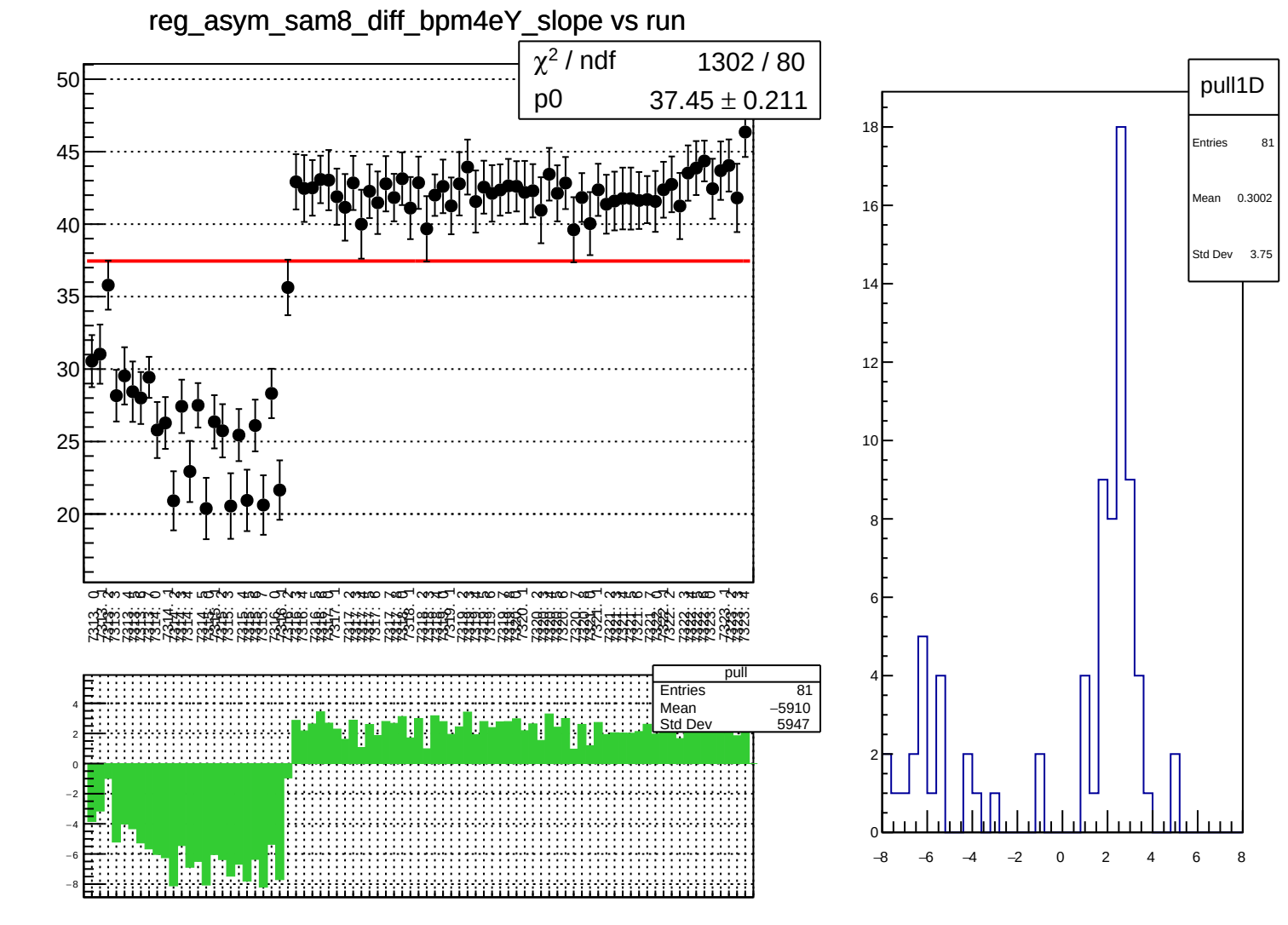

reg_asym_sam7_diff_bpm12X_slope vs run
χ² / ndf 63.09 / 80
p0 0.3409 ± 0.01007
pull
Entries 81
Mean −382.4
Std Dev 420.8

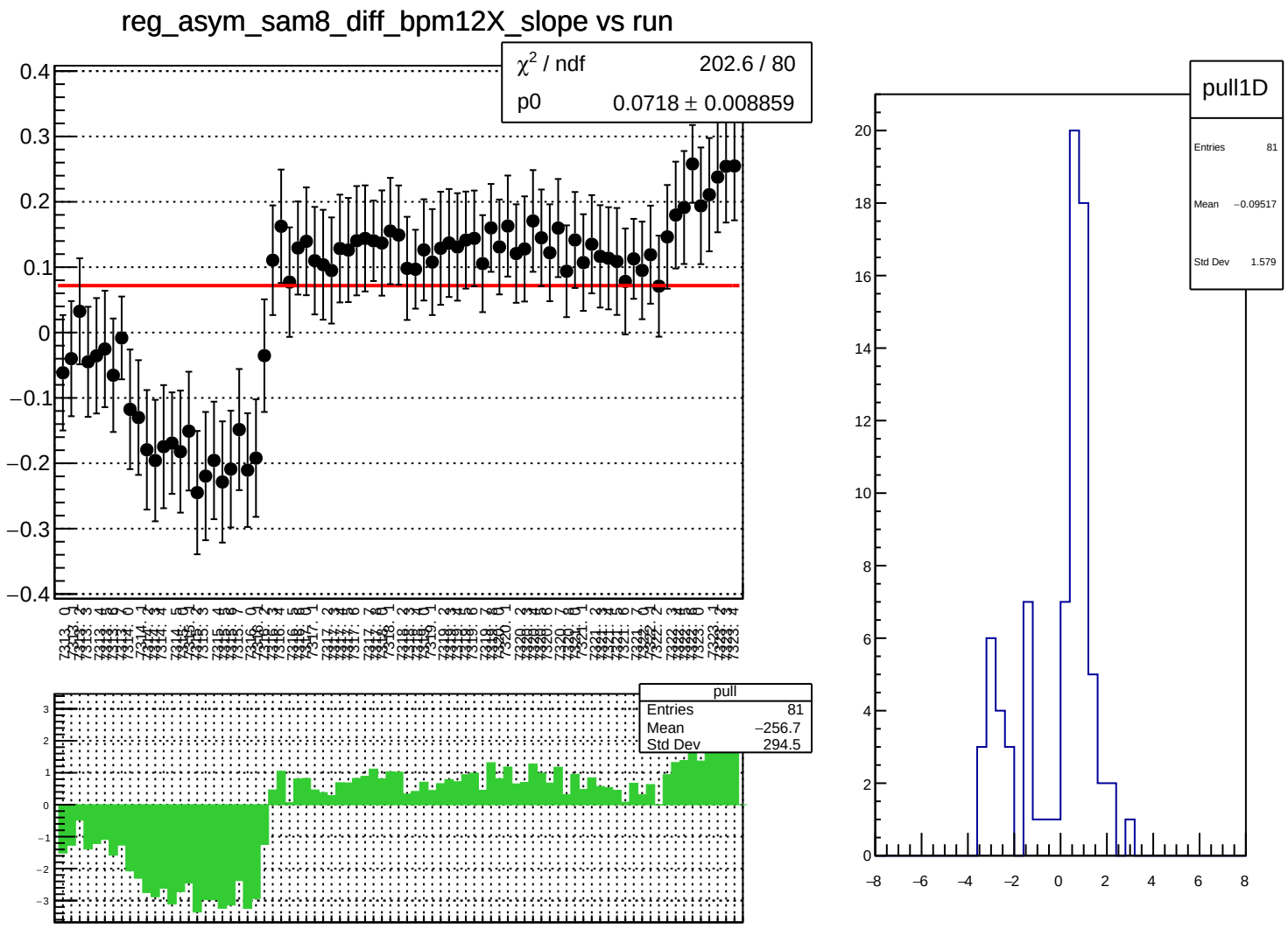

pull1D
Entries 81
Mean −0.03561
Std Dev 0.8819

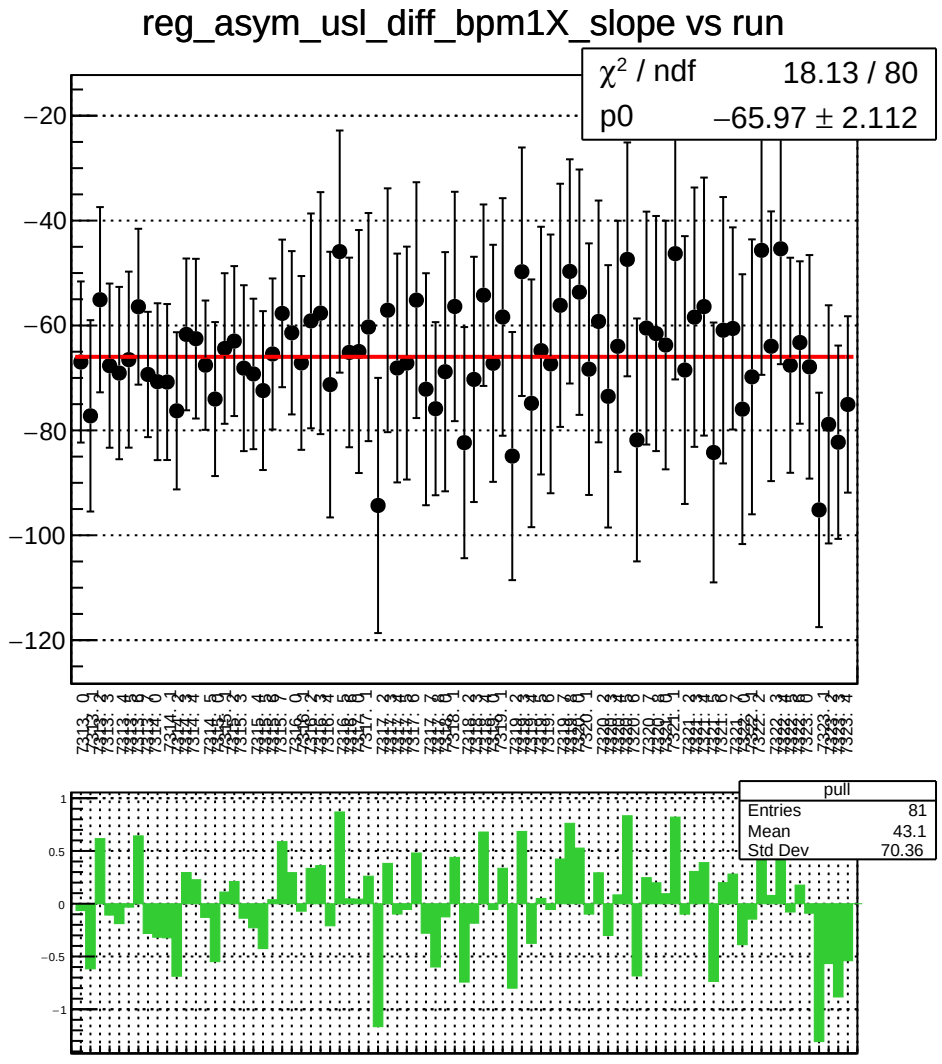

reg_asym_sam8_diff_bpm1X_slope vs run
χ² / ndf 4685 / 80
p0 −2.169 ± 0.236
pull
Entries 81
Mean 195
Std Dev 156.6
pull1D
Entries 81
Mean 4.574
Std Dev 3.07

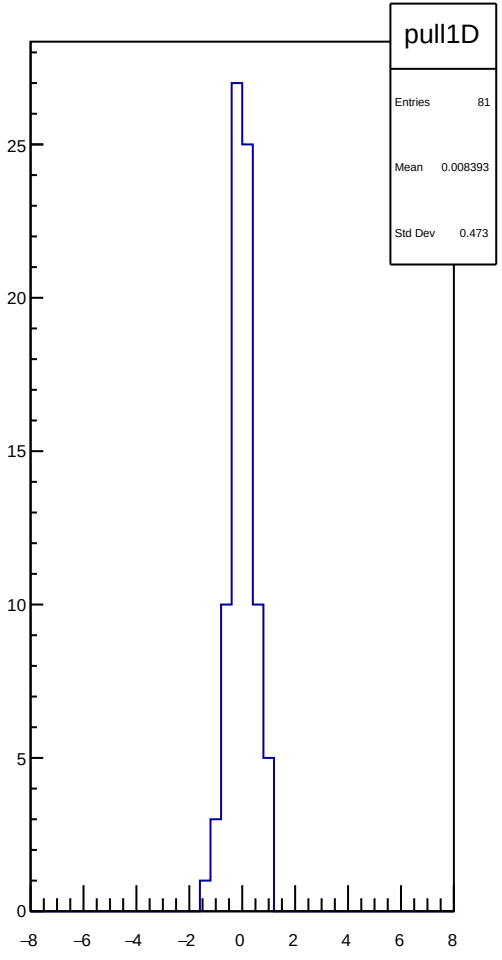

reg_asym_sam8_diff_bpm4aY_slope vs run
χ² / ndf 1680 / 80
p0 −33.91 ± 0.1937
pull
Entries 81
Mean −974.8
Std Dev 1011
pull1D
Entries 81
Mean −0.6492
Std Dev 3.905

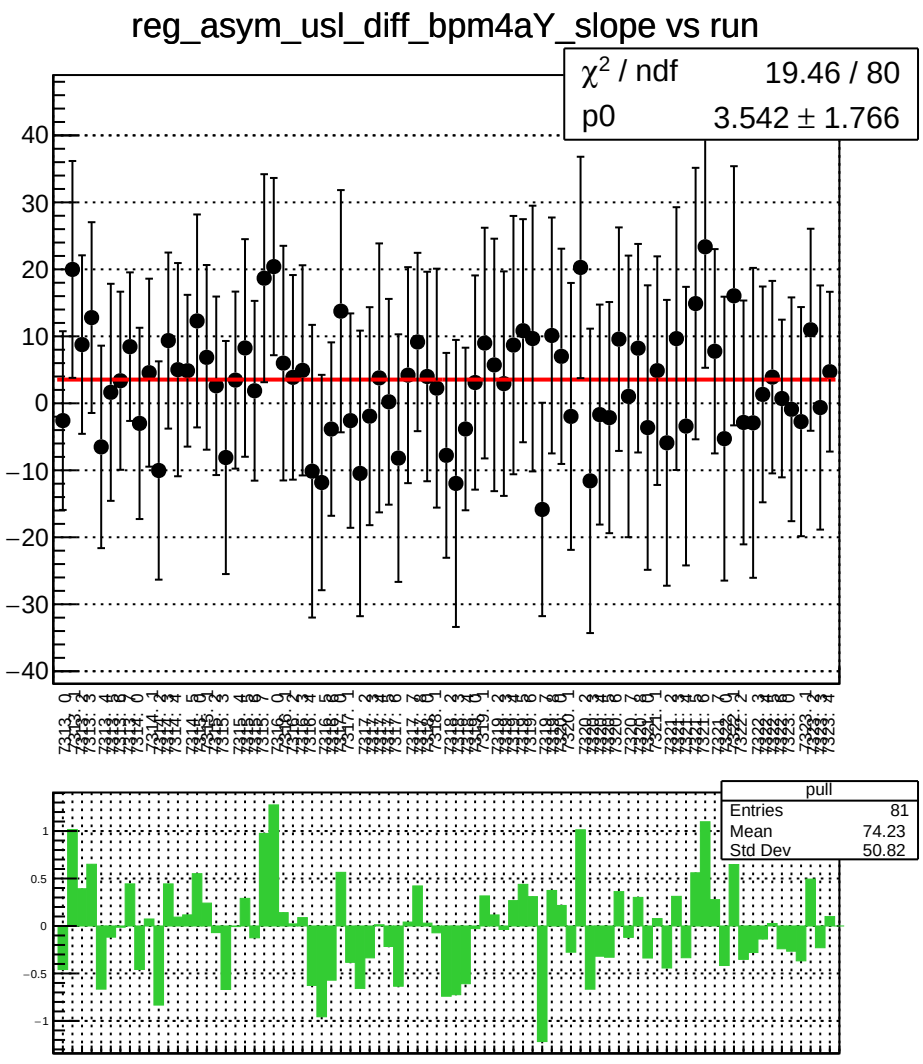

reg_asym_sam8_diff_bpm4eX_slope vs run
χ² / ndf 4006 / 80
p0 −27.11 ± 0.235
pull
Entries 81
Mean 190.4
Std Dev 152
pull1D
Entries 81
Mean −4.047
Std Dev 3.303

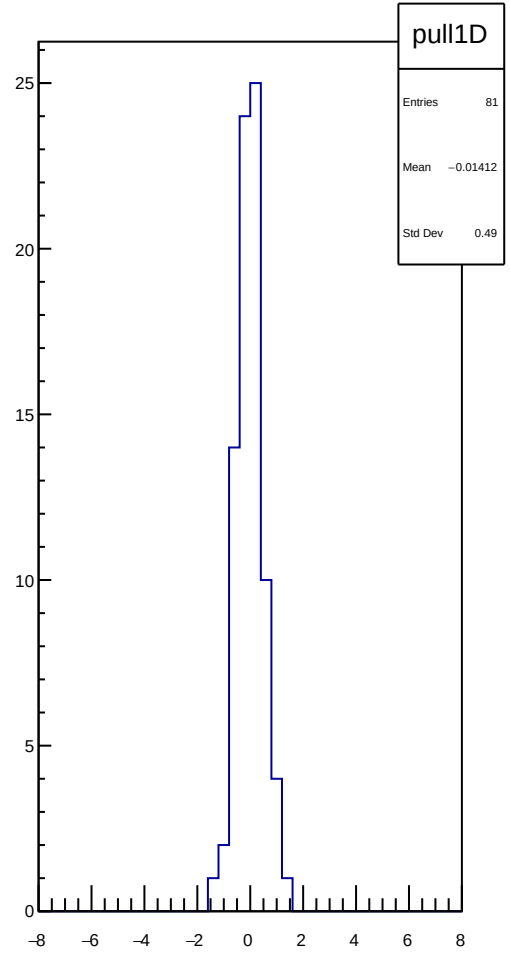

reg_asym_sam8_diff_bpm4eY_slope vs run
χ² / ndf 1302 / 80
p0 37.45 ± 0.211
pull
Entries 81
Mean −5910
Std Dev 5947
pull1D
Entries 81
Mean 0.3002
Std Dev 3.75

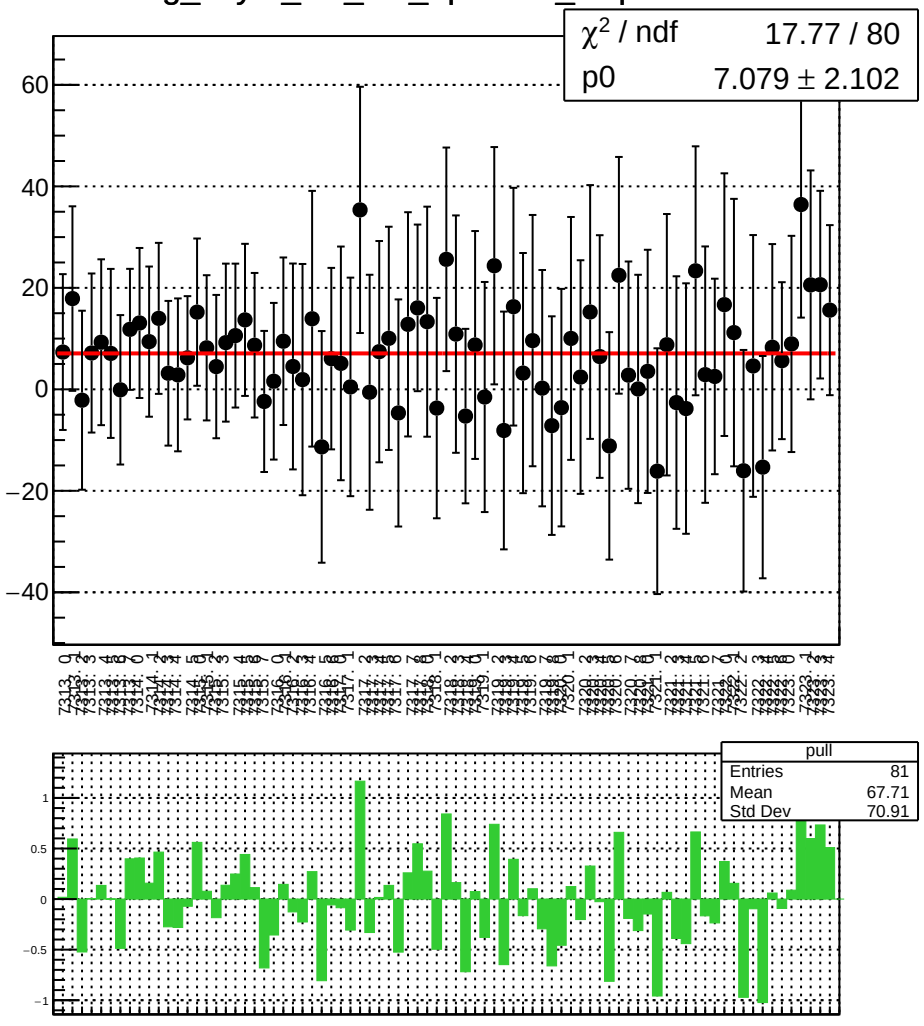

reg_asym_sam8_diff_bpm12X_slope vs run
χ² / ndf 202.6 / 80
p0 0.0718 ± 0.008859
pull
Entries 81
Mean −256.7
Std Dev 294.5
pull1D
Entries 81
Mean −0.09517
Std Dev 1.579

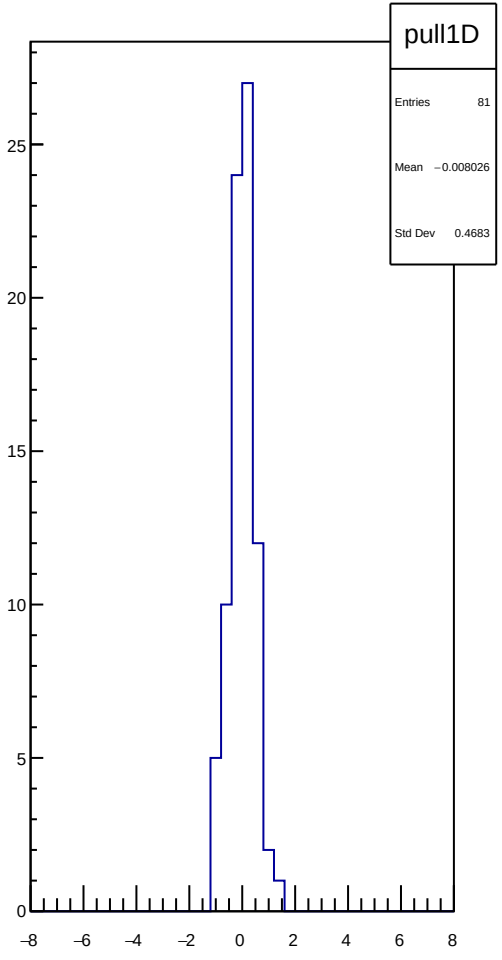

reg_asym_usl_diff_bpm1X_slope vs run
χ² / ndf 18.13 / 80
p0 −65.97 ± 2.112
pull
Entries 81
Mean 43.1
Std Dev 70.36

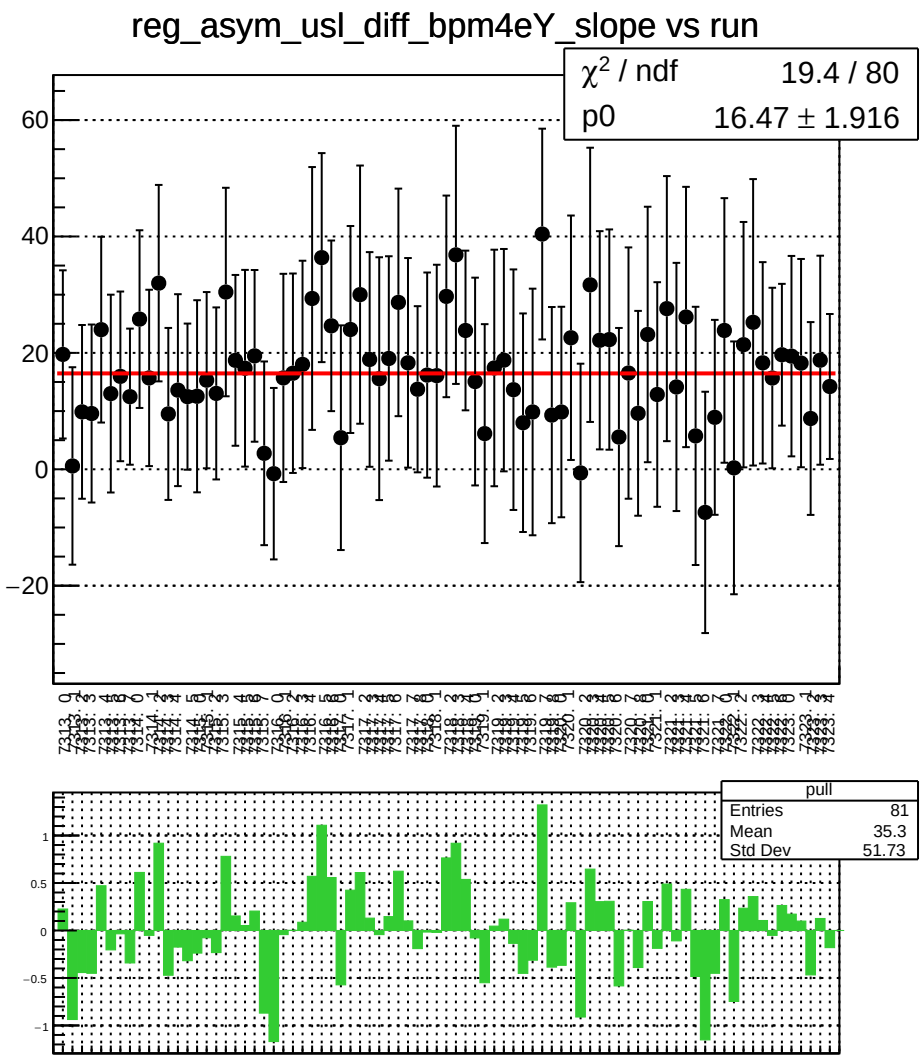

pull1D
Entries 81
Mean 0.008393
Std Dev 0.473

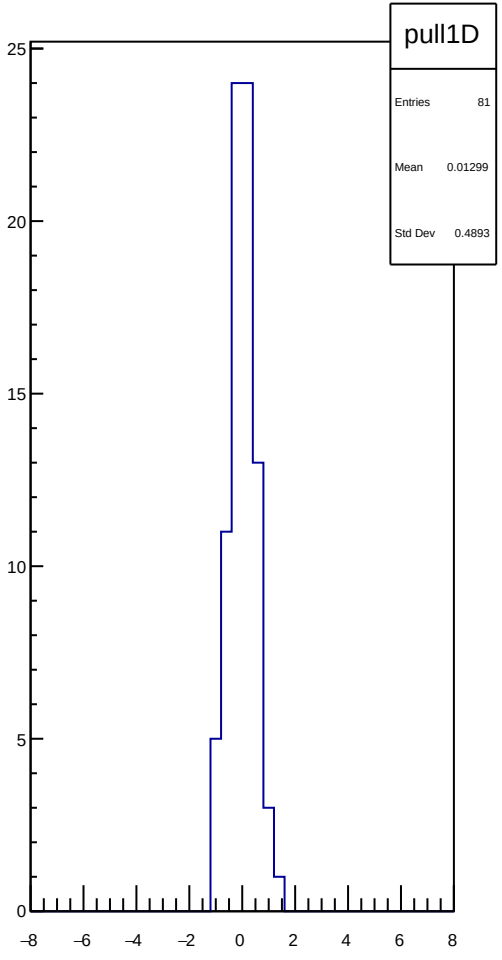

reg_asym_usl_diff_bpm4aY_slope vs run
χ² / ndf 19.46 / 80
p0 3.542 ± 1.766
pull
Entries 81
Mean 74.23
Std Dev 50.82

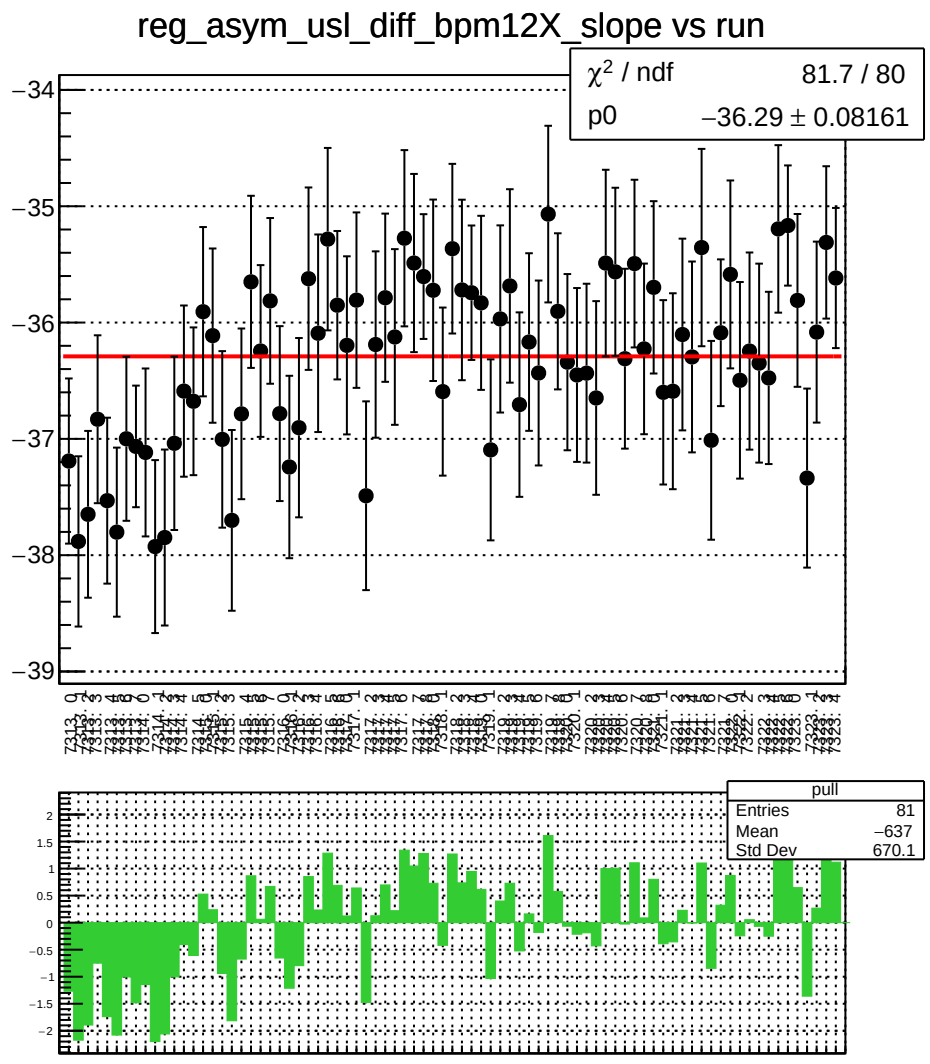

pull1D
Entries 81
Mean −0.01412
Std Dev 0.49

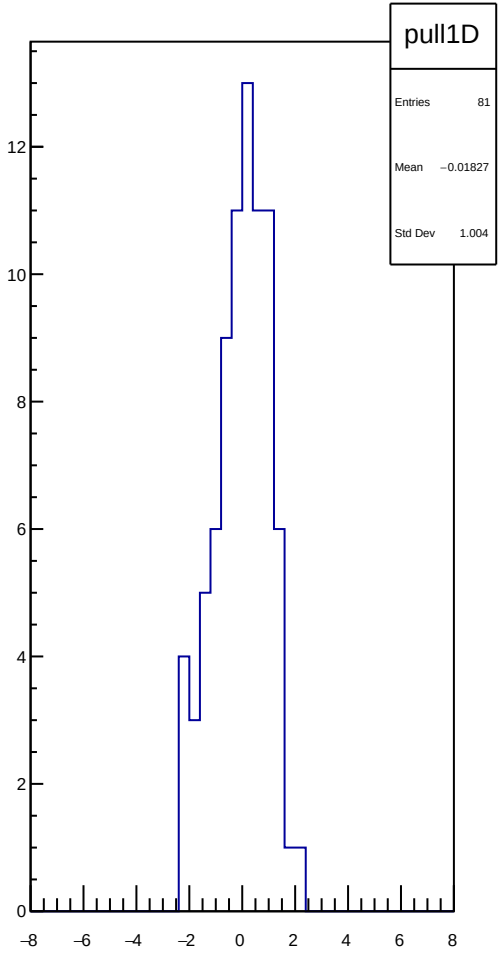

reg_asym_usl_diff_bpm4eX_slope vs run
χ² / ndf 17.77 / 80
p0 7.079 ± 2.102
pull
Entries 81
Mean 67.71
Std Dev 70.91

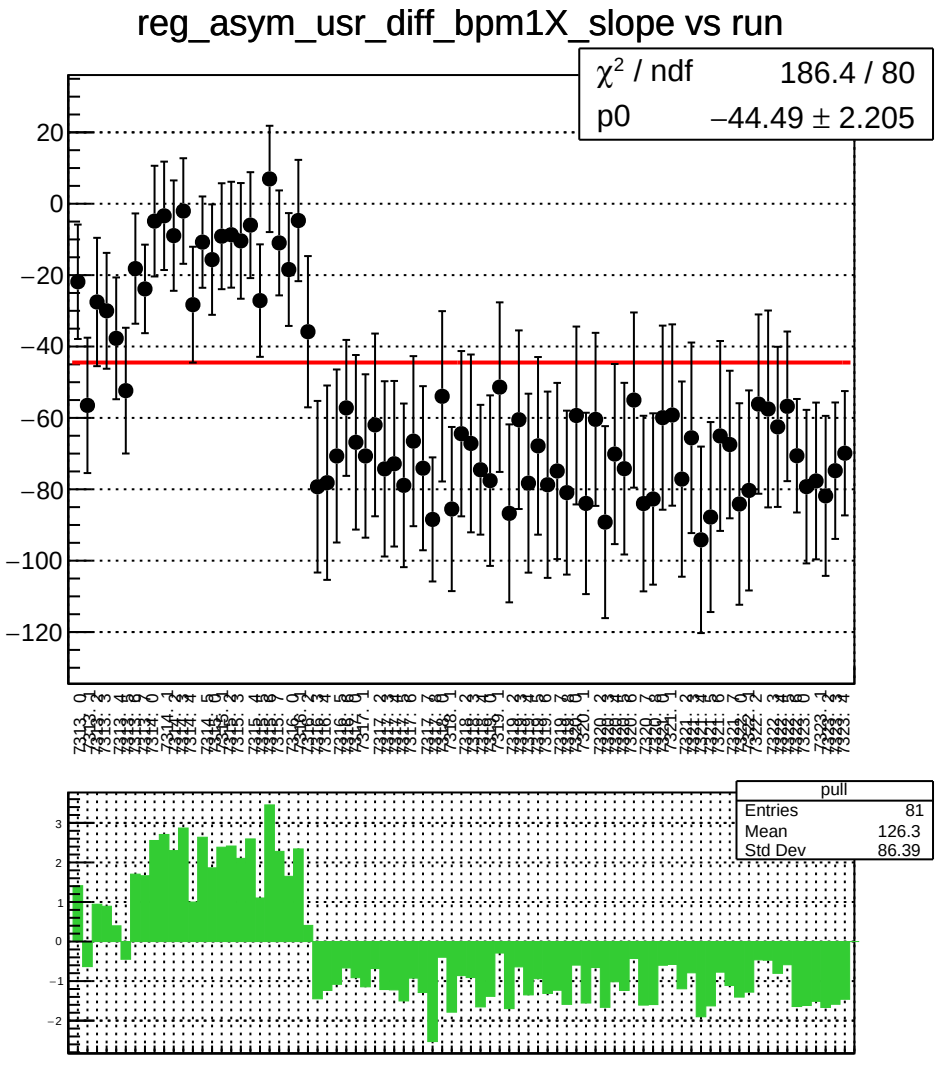

pull1D
Entries 81
Mean −0.008026
Std Dev 0.4683

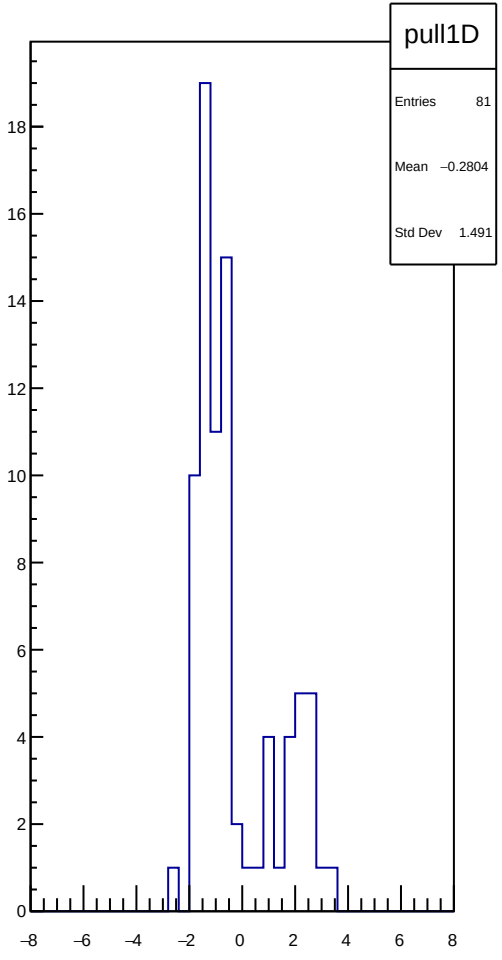

reg_asym_usl_diff_bpm4eY_slope vs run
χ^2 / ndf 19.4 / 80
p0 16.47 ± 1.916
pull
Entries 81
Mean 35.3
Std Dev 51.73

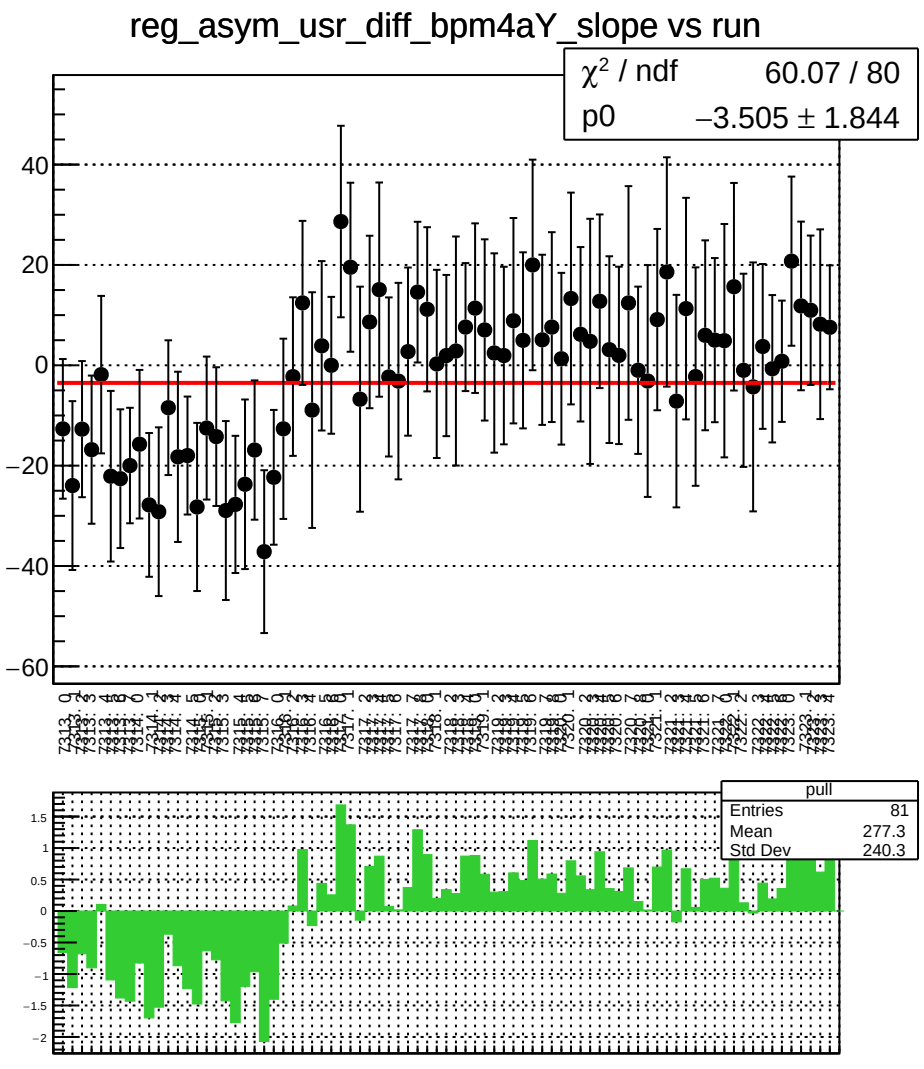

pull1D
Entries 81
Mean 0.01299
Std Dev 0.4893

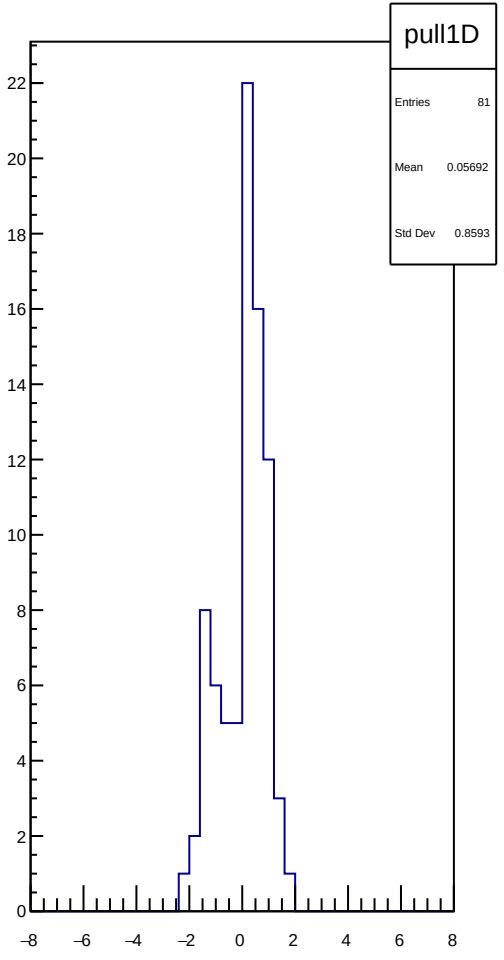

reg_asym_usl_diff_bpm12X_slope vs run
χ² / ndf 81.7 / 80
p0 −36.29 ± 0.08161
pull
Entries 81
Mean −637
Std Dev 670.1

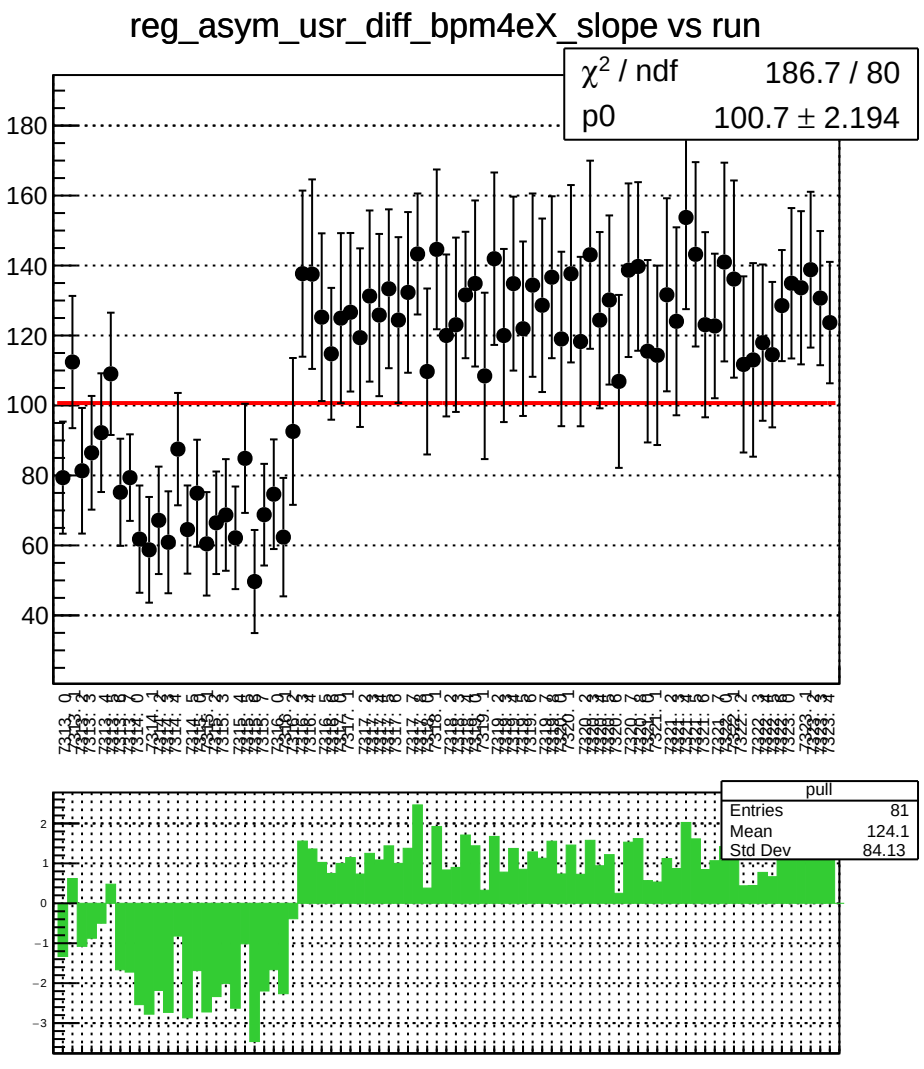

pull1D
Entries 81
Mean −0.01827
Std Dev 1.004

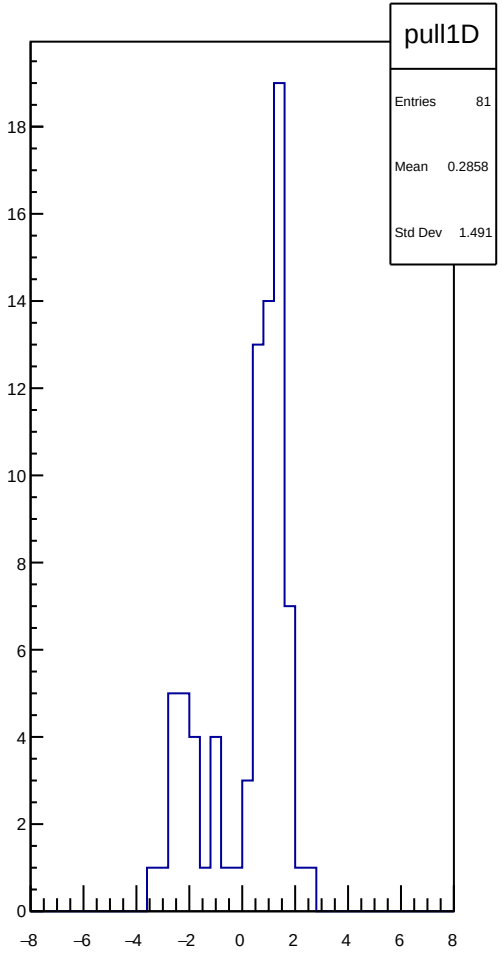

reg_asym_usr_diff_bpm1X_slope vs run
χ² / ndf 186.4 / 80
p0 −44.49 ± 2.205
pull
Entries 81
Mean 126.3
Std Dev 86.39

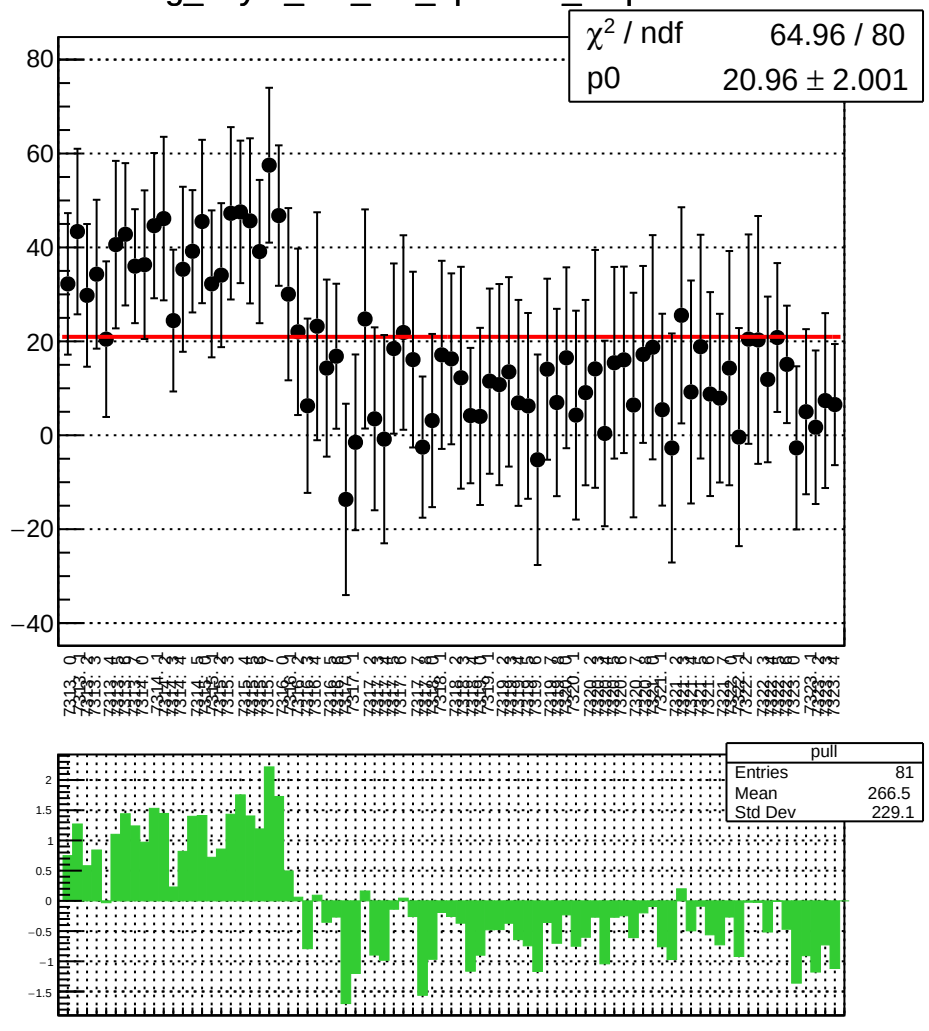

pull1D
Entries 81
Mean −0.2804
Std Dev 1.491

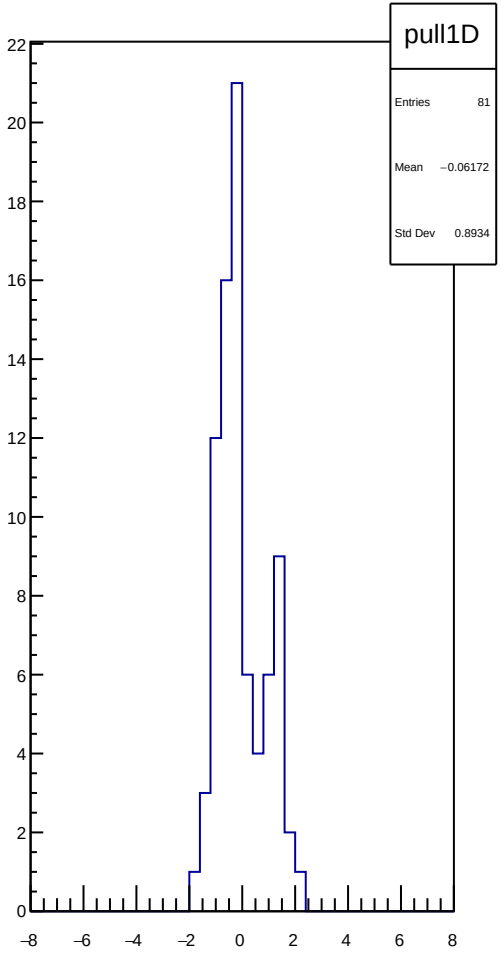

reg_asym_usr_diff_bpm4aY_slope vs run
χ² / ndf 60.07 / 80
p0 −3.505 ± 1.844
pull
Entries 81
Mean 277.3
Std Dev 240.3

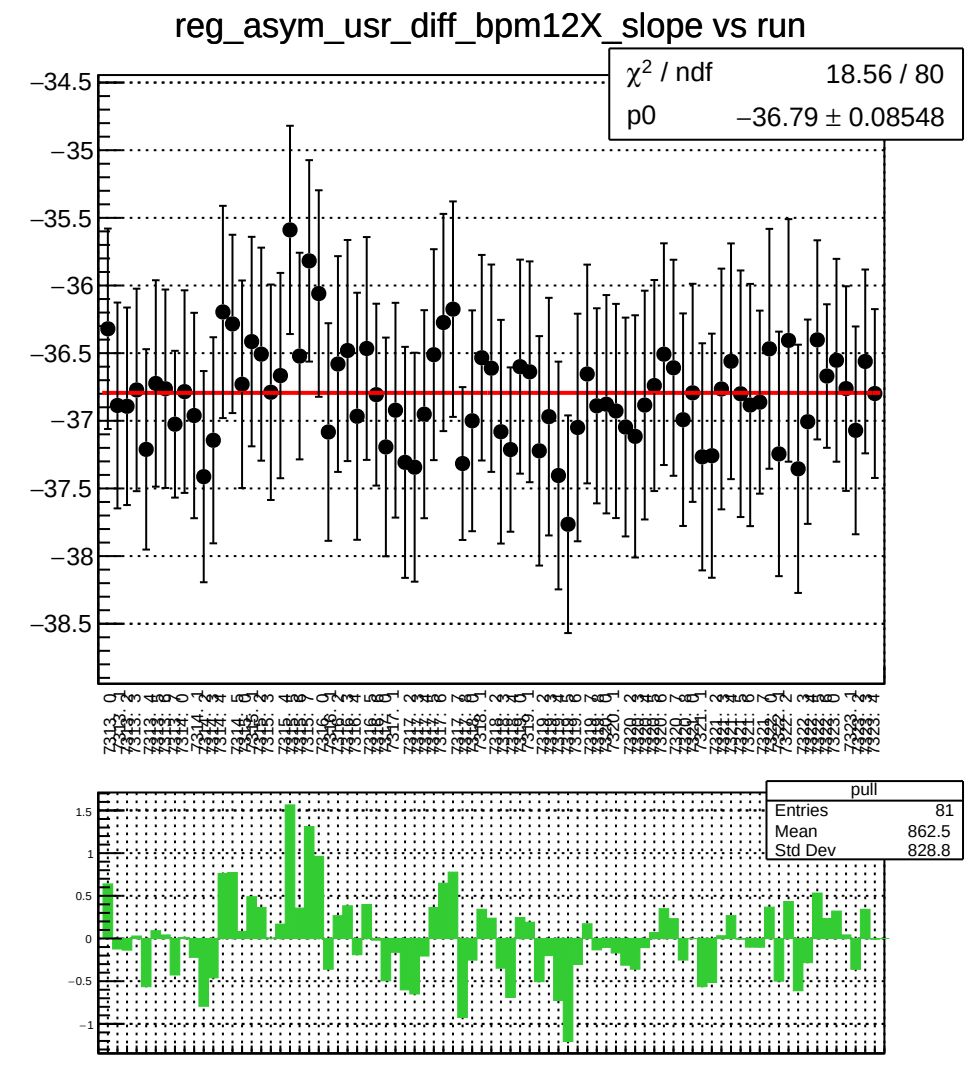

pull1D
Entries 81
Mean 0.05692
Std Dev 0.8593

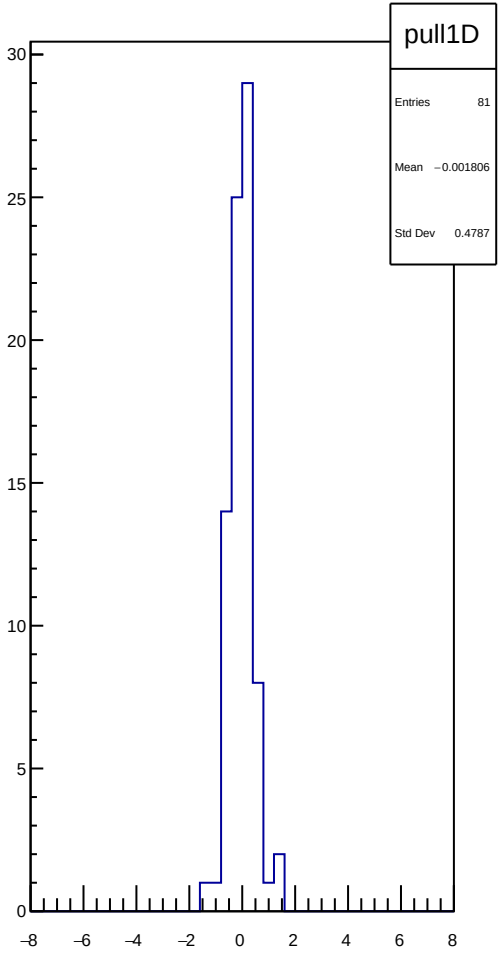

reg_asym_usr_diff_bpm4eX_slope vs run
χ² / ndf 186.7 / 80
p0 100.7 ± 2.194
pull
Entries 81
Mean 124.1
Std Dev 84.13

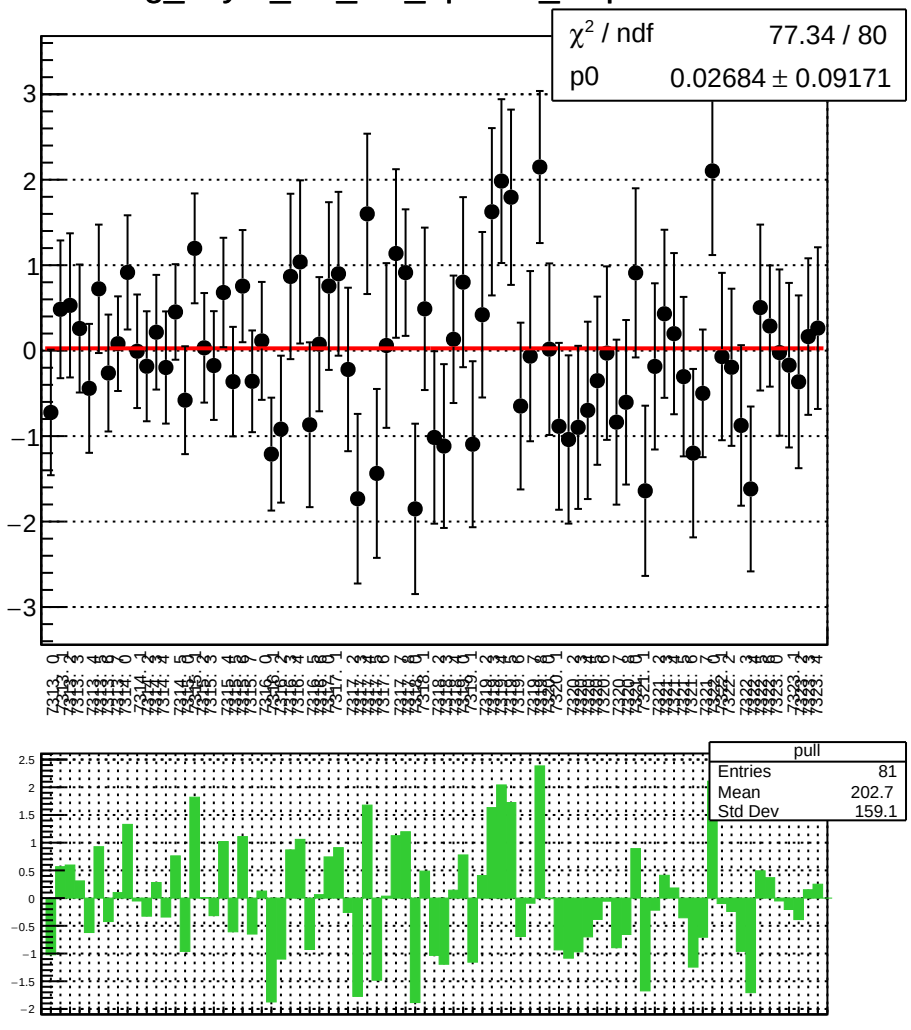

pull1D
Entries 81
Mean 0.2858
Std Dev 1.491

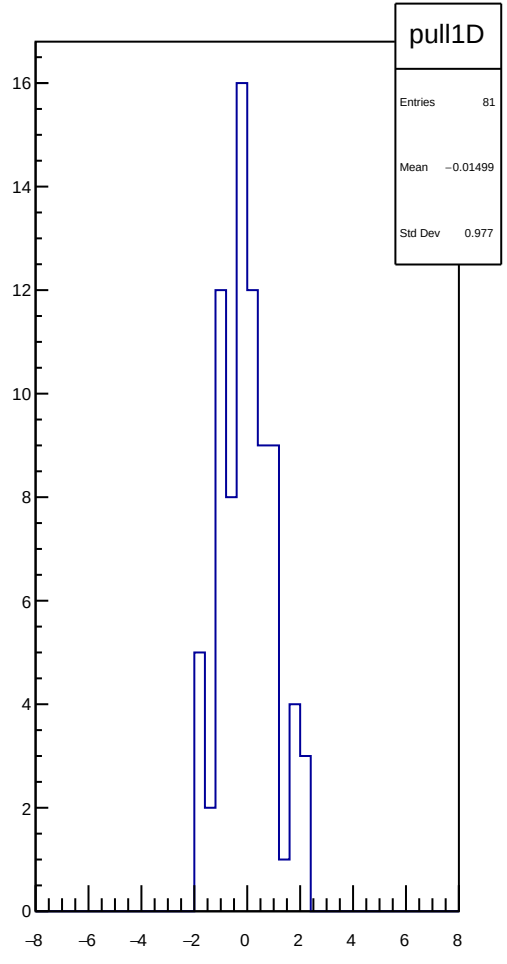

reg_asym_usr_diff_bpm4eY_slope vs run
χ² / ndf 64.96 / 80
p0 20.96 ± 2.001
pull
Entries 81
Mean 266.5
Std Dev 229.1

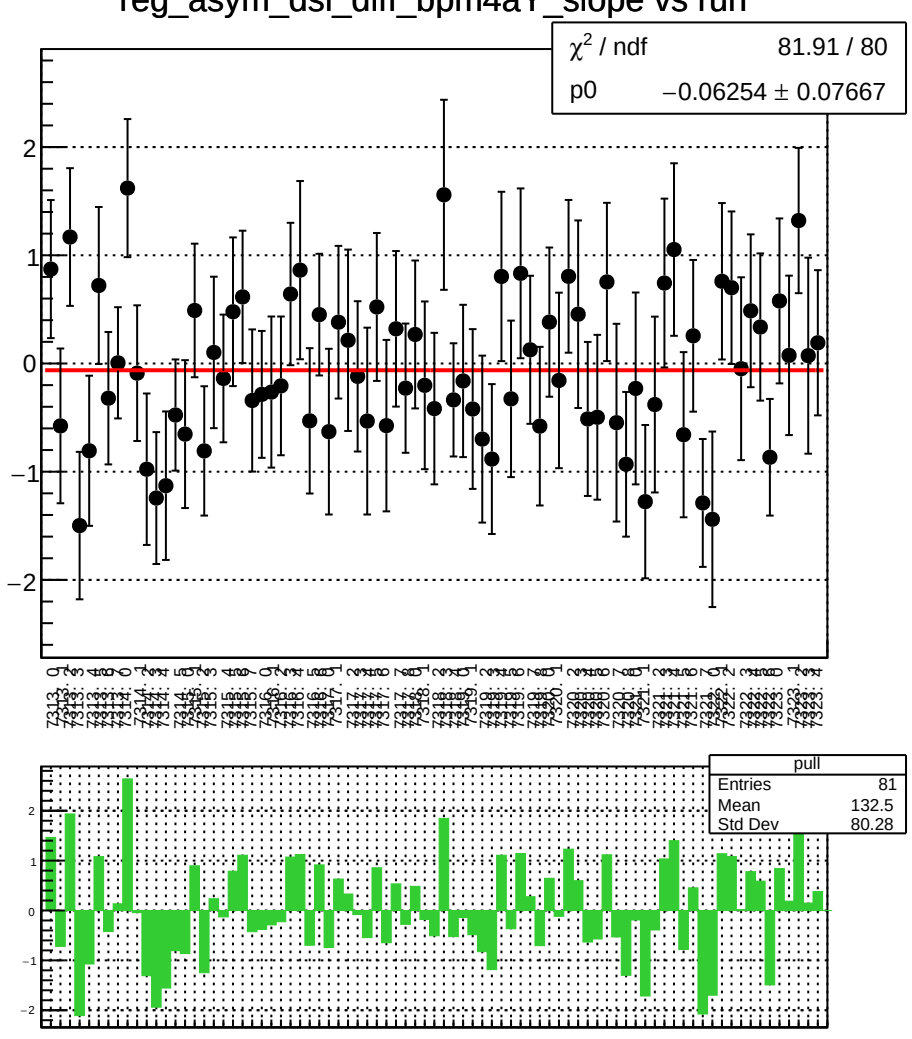

pull1D
Entries 81
Mean −0.06172
Std Dev 0.8934

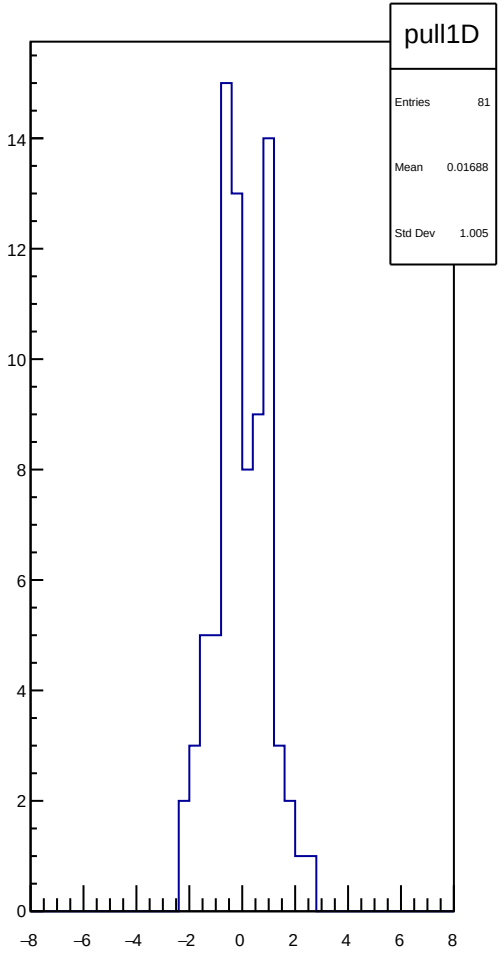

reg_asym_usr_diff_bpm12X_slope vs run
χ² / ndf 18.56 / 80
p0 −36.79 ± 0.08548
pull
Entries 81
Mean 862.5
Std Dev 828.8

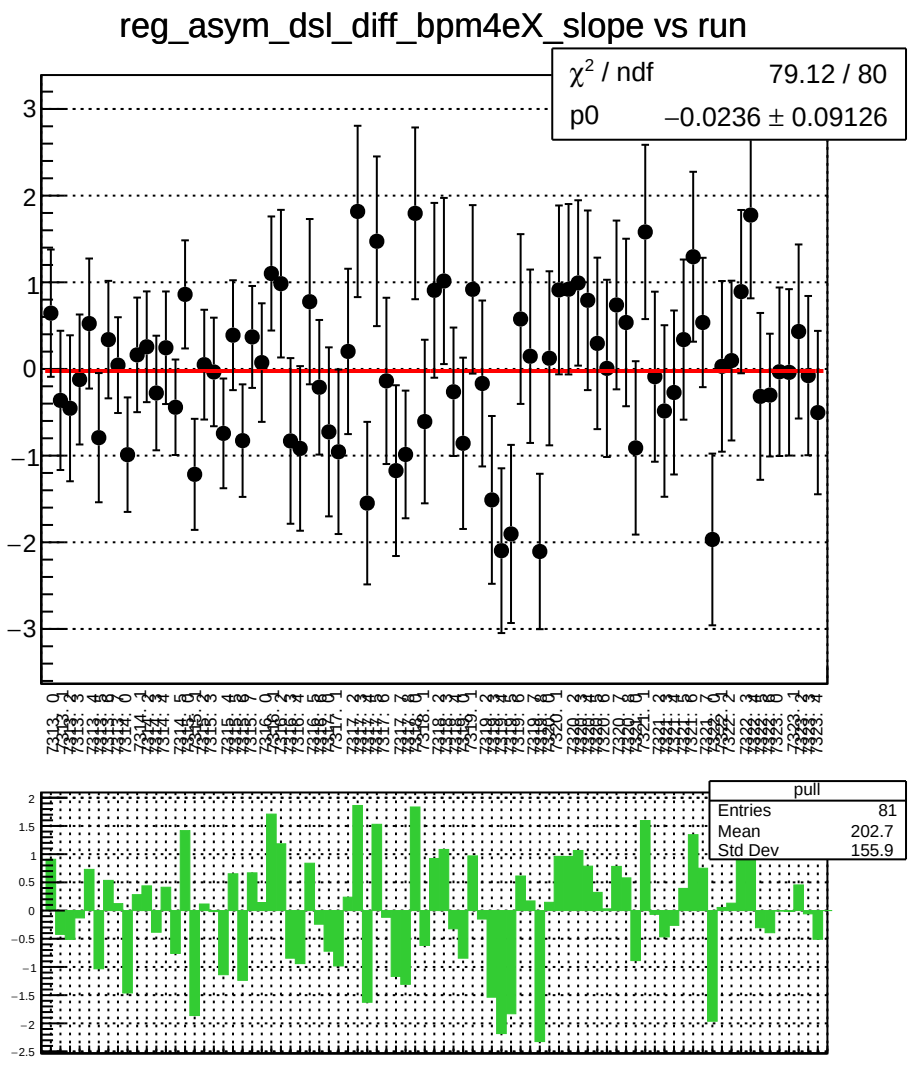

pull1D
Entries 81
Mean −0.001806
Std Dev 0.4787

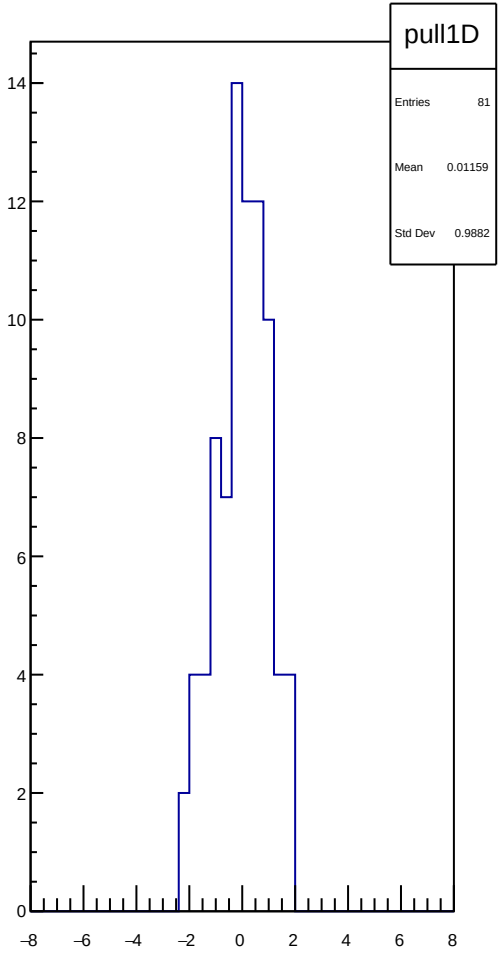

reg_asym_dsl_diff_bpm1X_slope vs run
χ² / ndf 77.34 / 80
p0 0.02684 ± 0.09171
pull
Entries 81
Mean 202.7
Std Dev 159.1

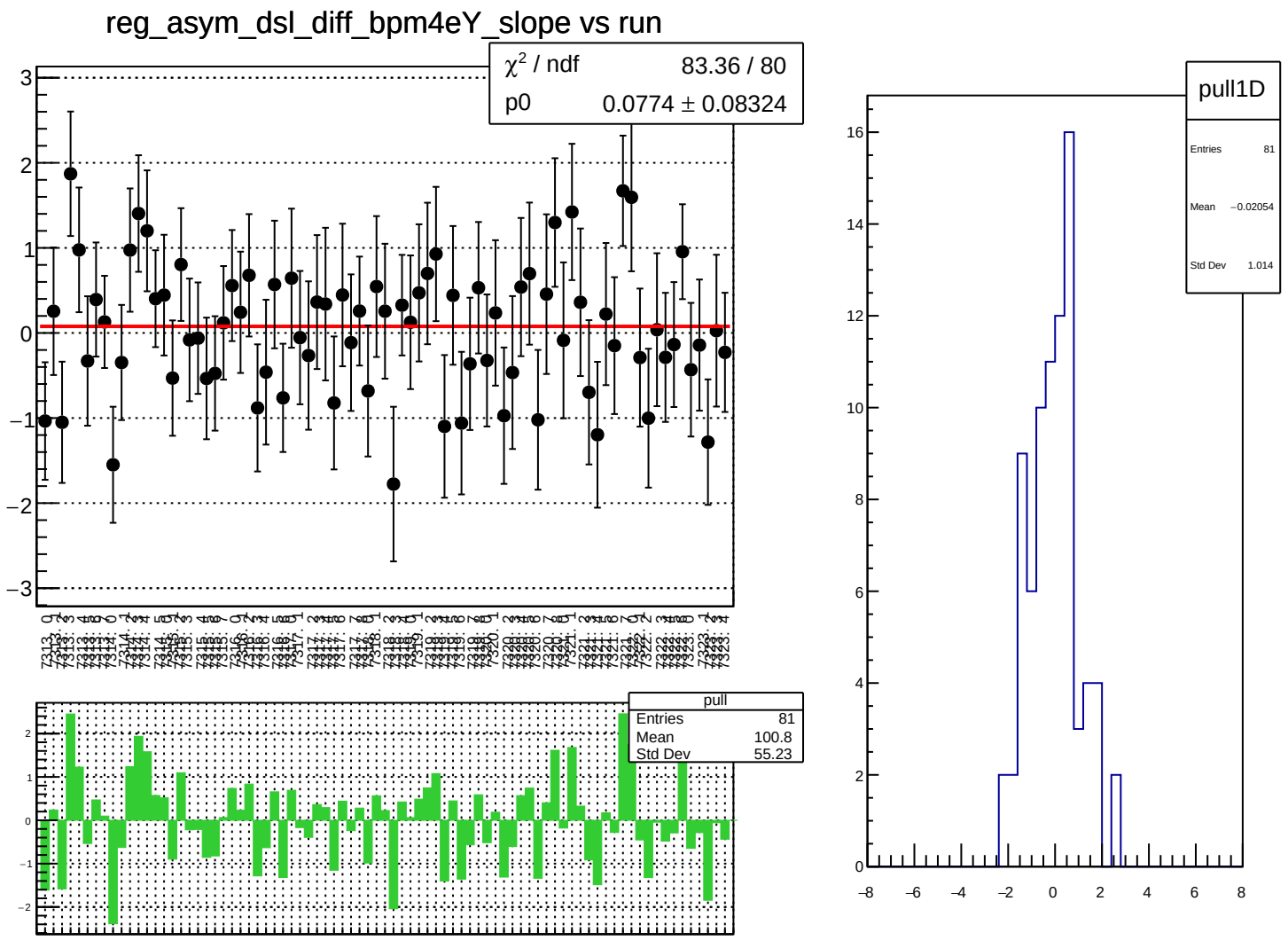

pull1D
Entries 81
Mean −0.01499
Std Dev 0.977

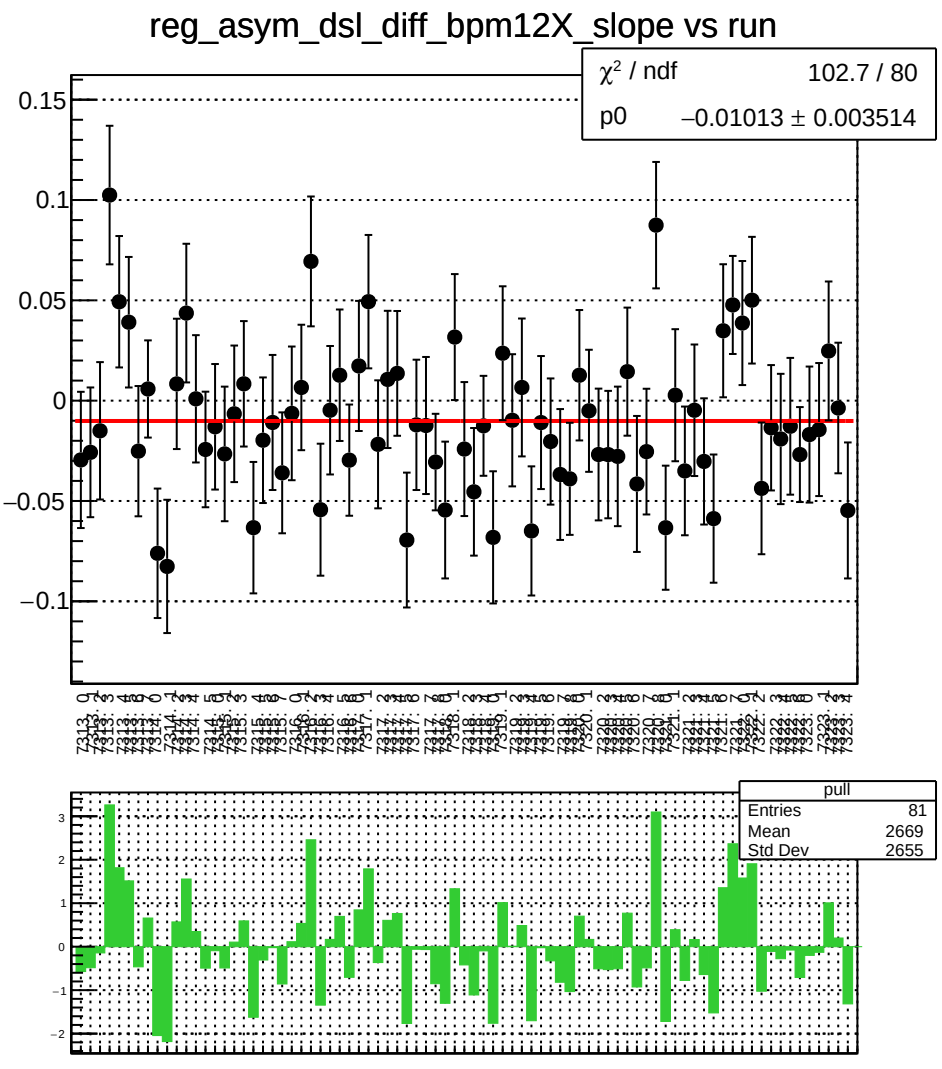

reg_asym_dsl_diff_bpm4aY_slope vs run
χ² / ndf 81.91 / 80
p0 −0.06254 ± 0.07667
pull
Entries 81
Mean 132.5
Std Dev 80.28

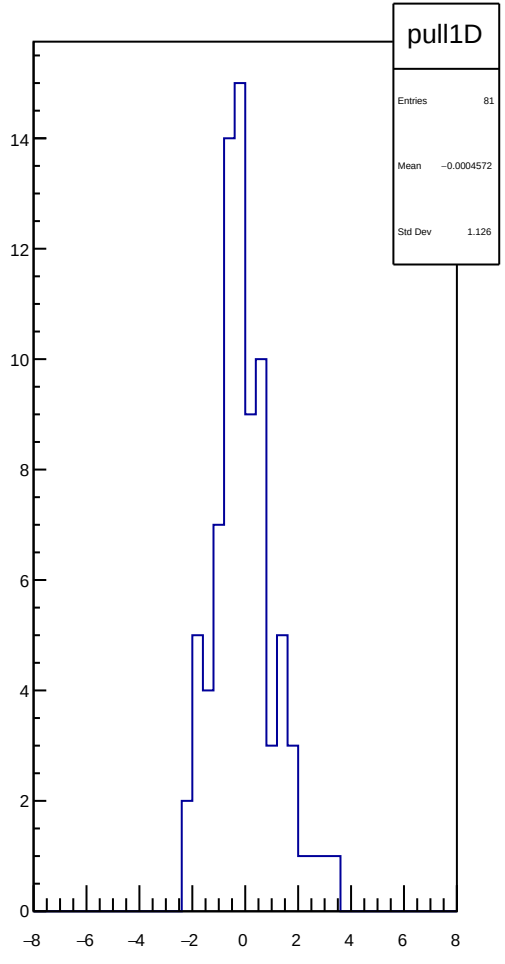

pull1D
Entries 81
Mean 0.01688
Std Dev 1.005

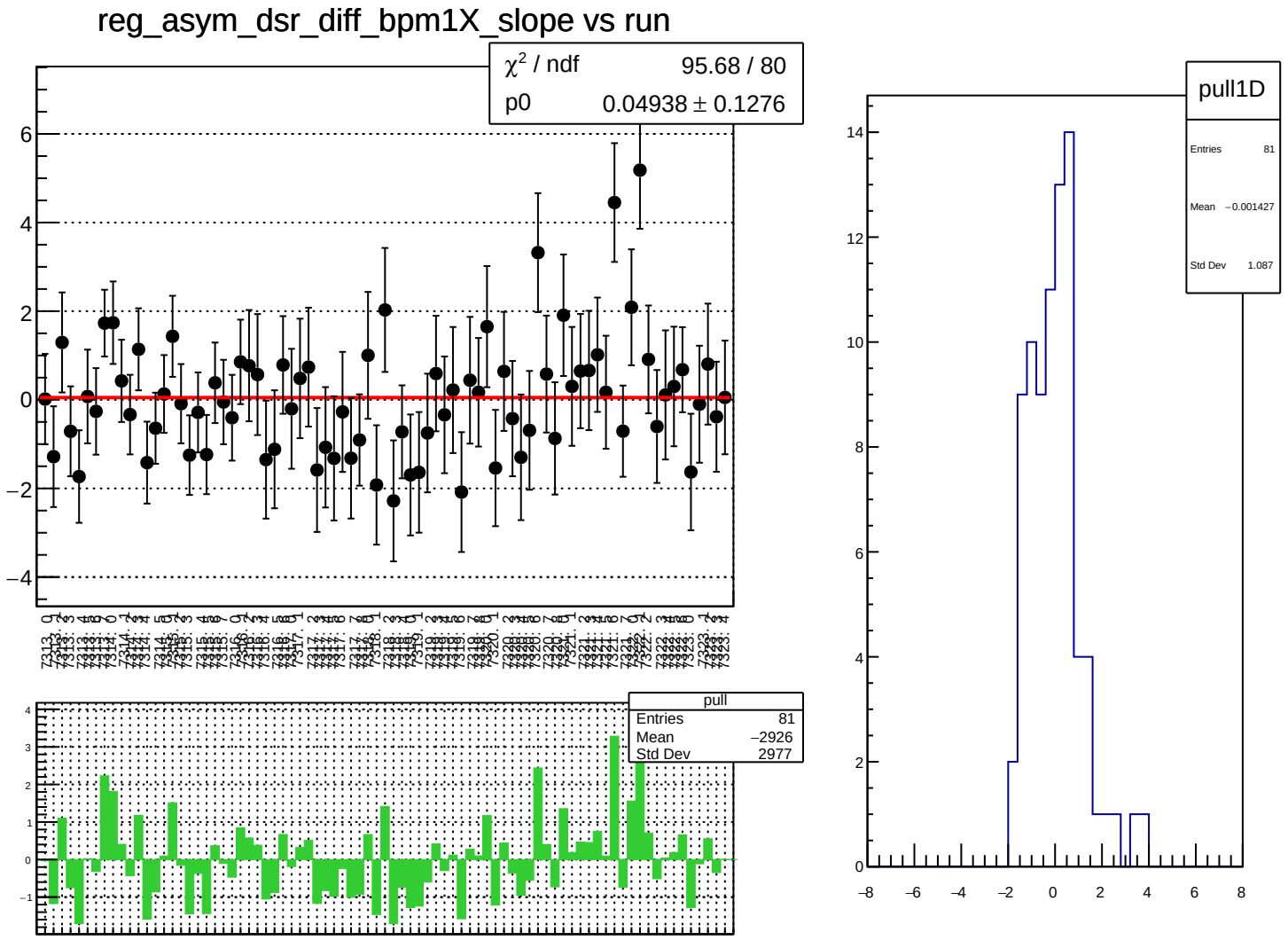

reg_asym_dsl_diff_bpm4eX_slope vs run
χ² / ndf 79.12 / 80
p0 −0.0236 ± 0.09126
pull
Entries 81
Mean 202.7
Std Dev 155.9

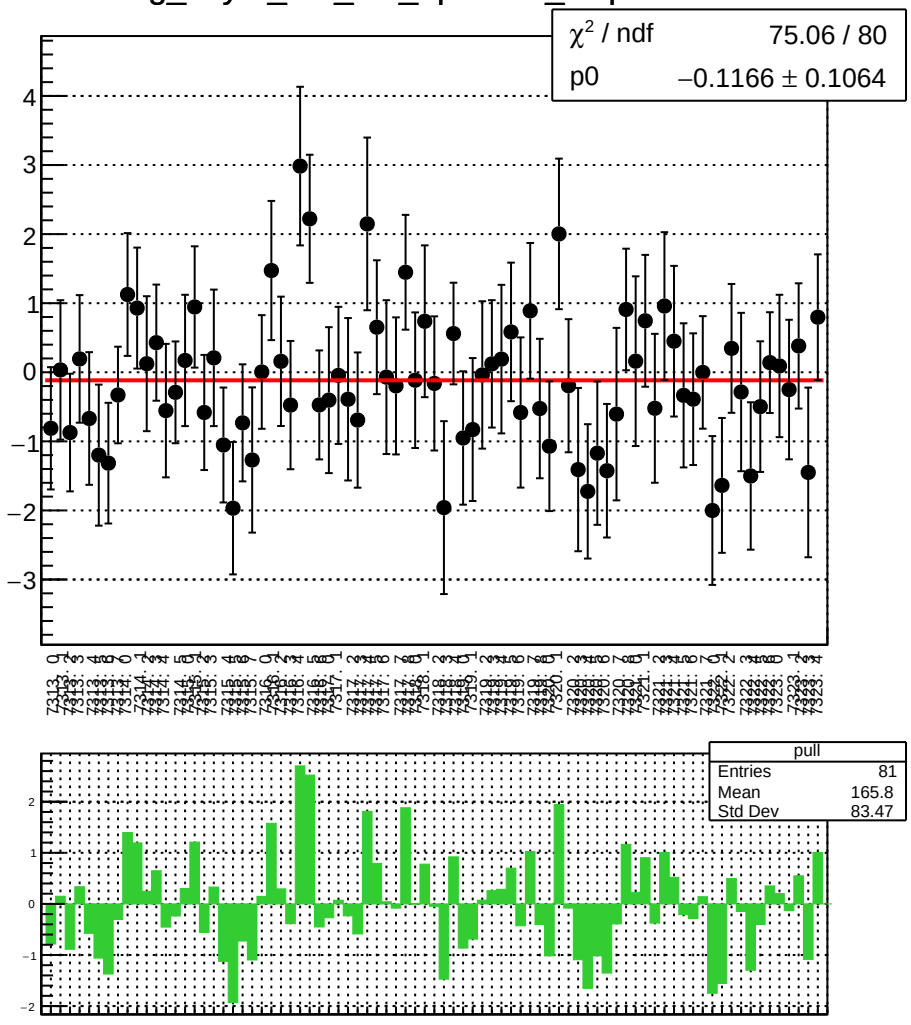

pull1D
Entries 81
Mean 0.01159
Std Dev 0.9882

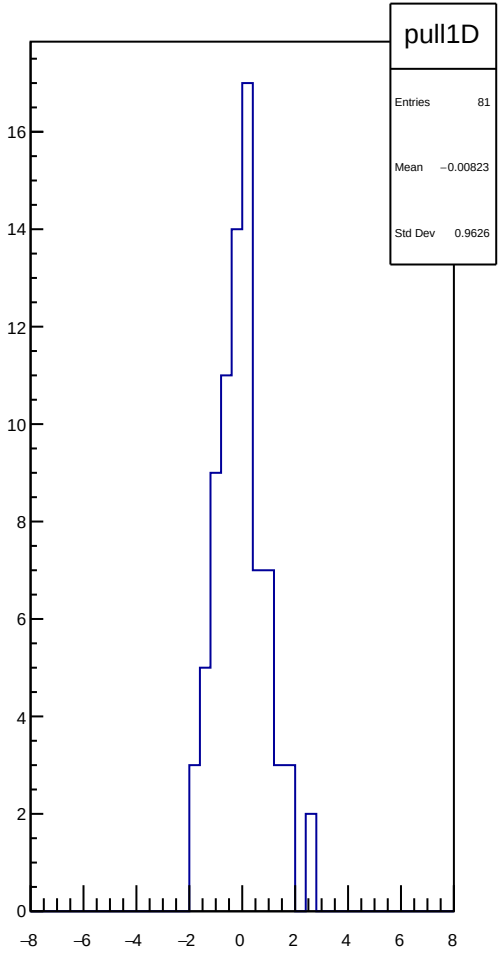

reg_asym_dsl_diff_bpm4eY_slope vs run
χ² / ndf 83.36 / 80
p0 0.0774 ± 0.08324
pull
Entries 81
Mean 100.8
Std Dev 55.23
pull1D
Entries 81
Mean −0.02054
Std Dev 1.014

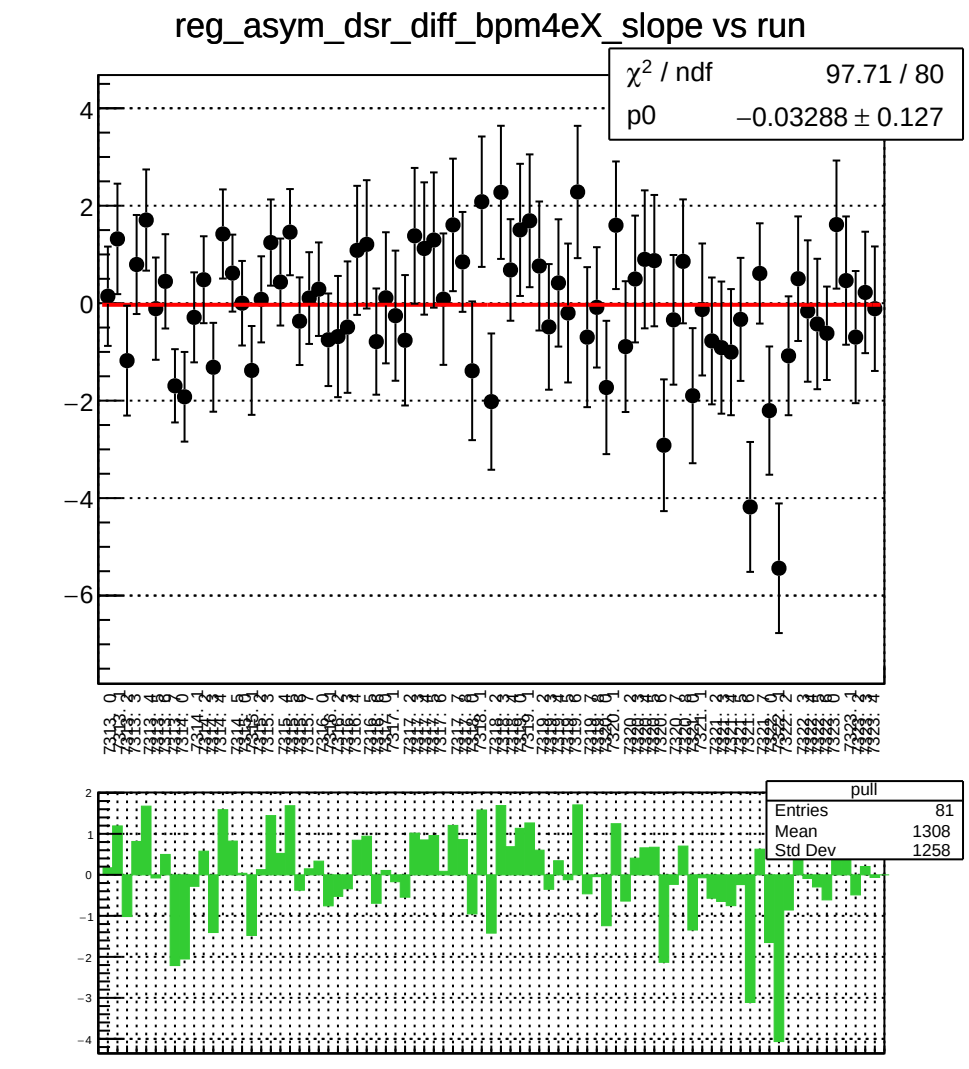

reg_asym_dsl_diff_bpm12X_slope vs run
χ² / ndf 102.7 / 80
p0 −0.01013 ± 0.003514
0.15
0.1
0.05
0
−0.05
−0.1
pull
Entries 81
Mean 2669
Std Dev 2655
3
2
1
0
−1
−2

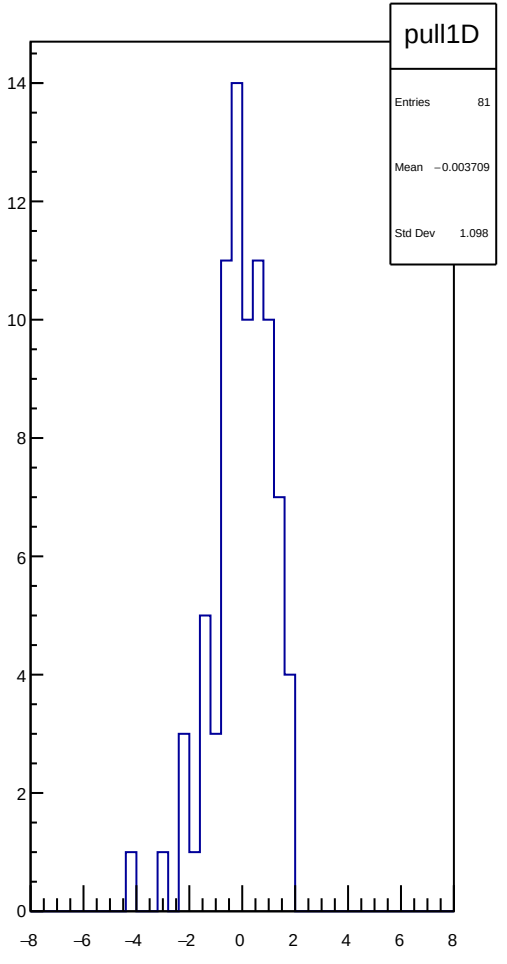

pull1D
Entries 81
Mean −0.0004572
Std Dev 1.126
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

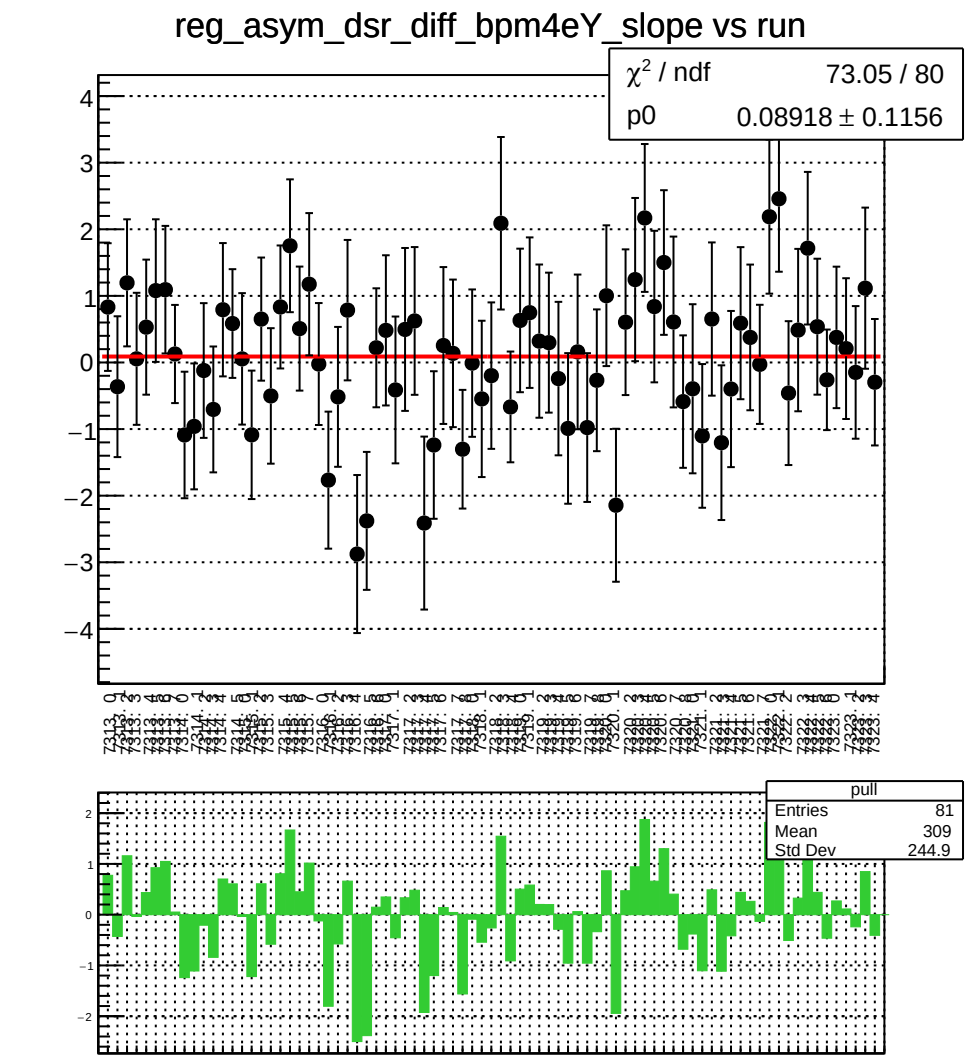

reg_asym_dsr_diff_bpm1X_slope vs run
χ² / ndf 95.68 / 80
p0 0.04938 ± 0.1276
pull
Entries 81
Mean −2926
Std Dev 2977
pull1D
Entries 81
Mean −0.001427
Std Dev 1.087

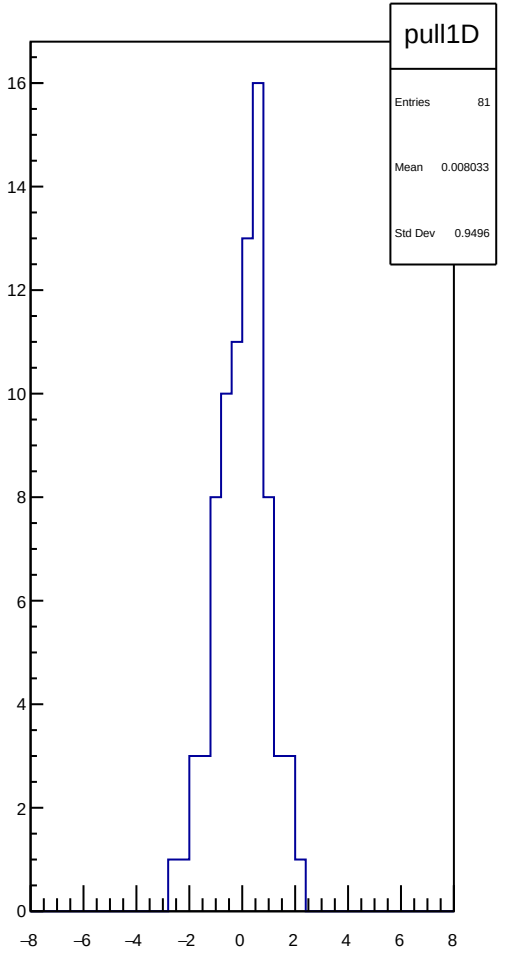

reg_asym_dsr_diff_bpm4aY_slope vs run
χ² / ndf 75.06 / 80
p0 −0.1166 ± 0.1064
pull
Entries 81
Mean 165.8
Std Dev 83.47

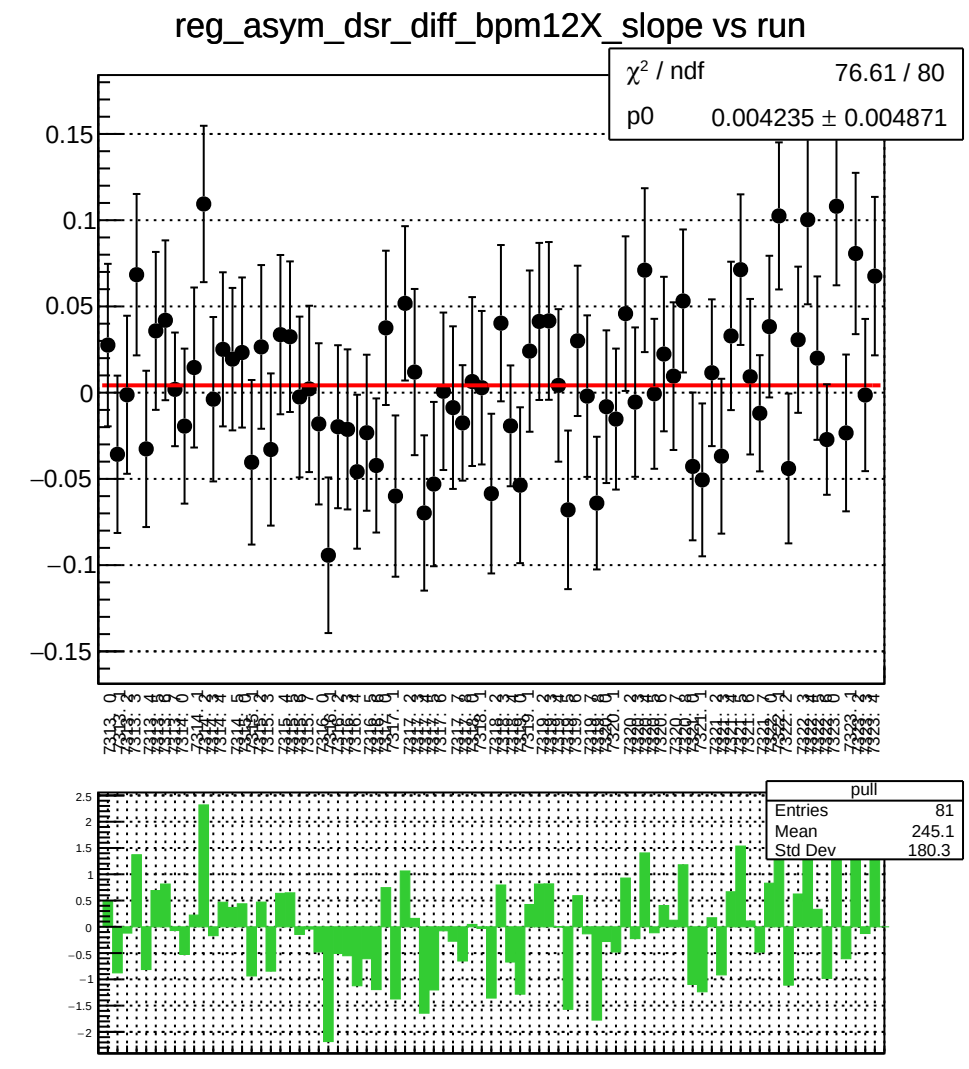

pull1D
Entries 81
Mean −0.00823
Std Dev 0.9626

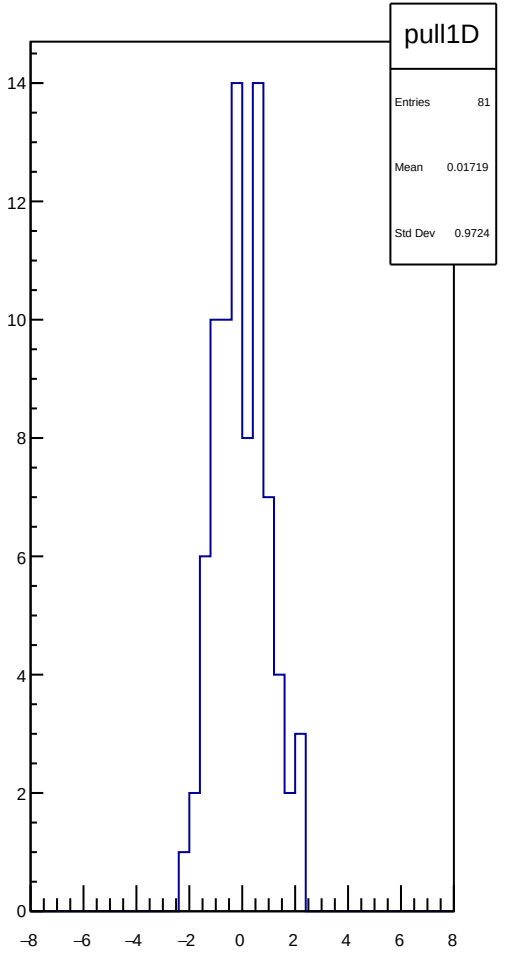

reg_asym_dsr_diff_bpm4eX_slope vs run
χ² / ndf 97.71 / 80
p0 −0.03288 ± 0.127
pull
Entries 81
Mean 1308
Std Dev 1258

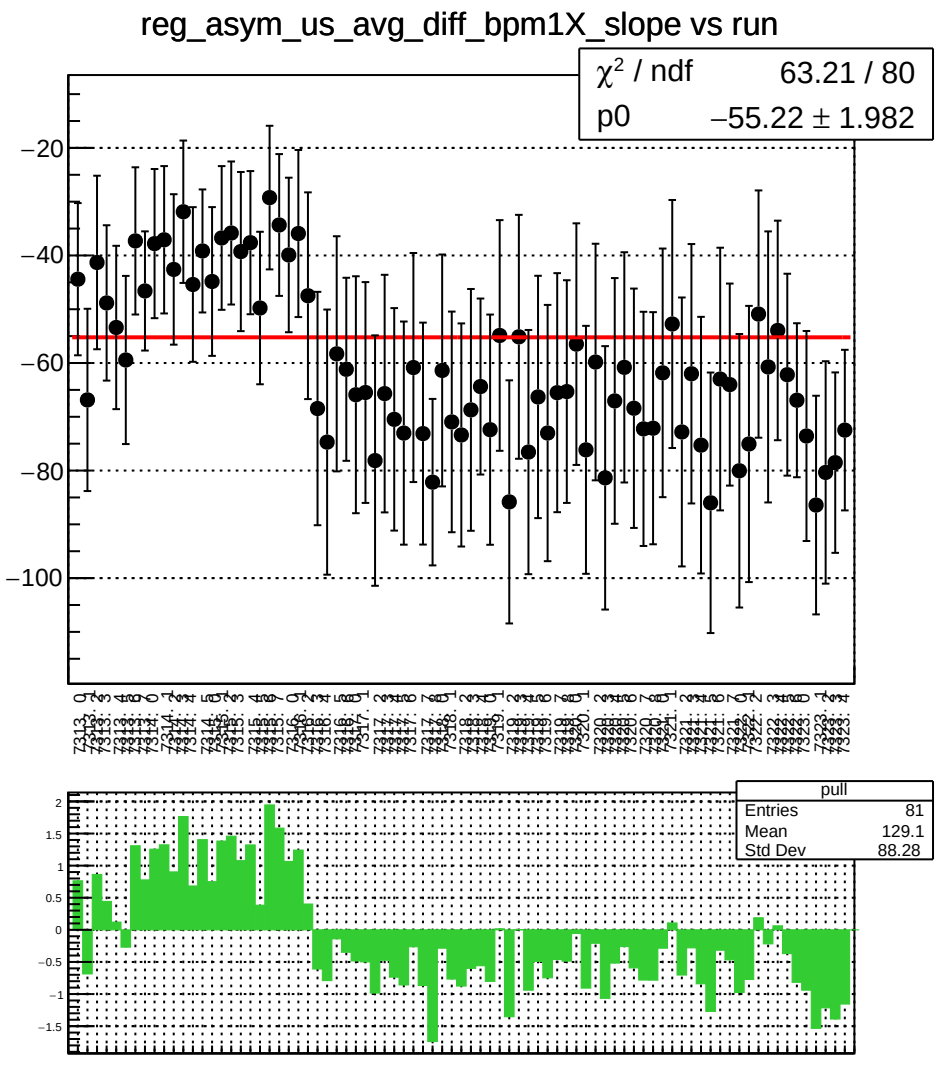

pull1D
Entries 81
Mean −0.003709
Std Dev 1.098

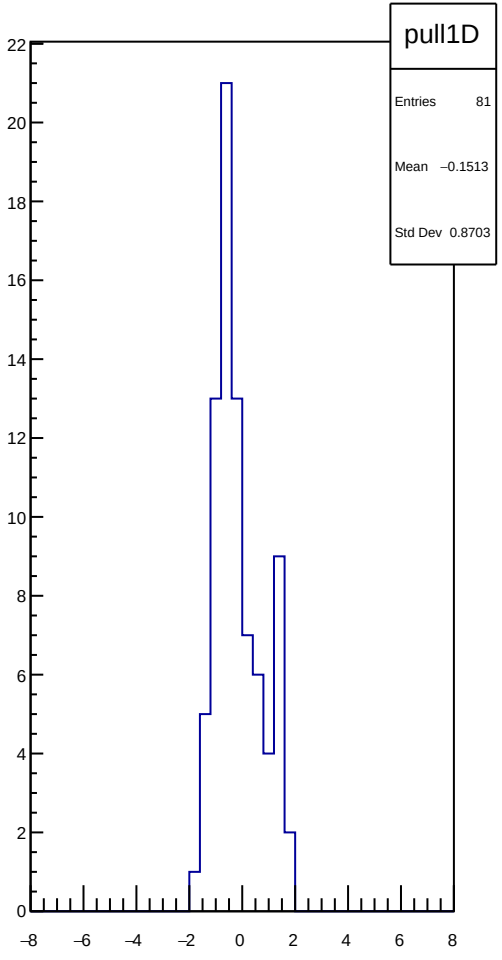

reg_asym_dsr_diff_bpm4eY_slope vs run
χ² / ndf 73.05 / 80
p0 0.08918 ± 0.1156
pull
Entries 81
Mean 309
Std Dev 244.9

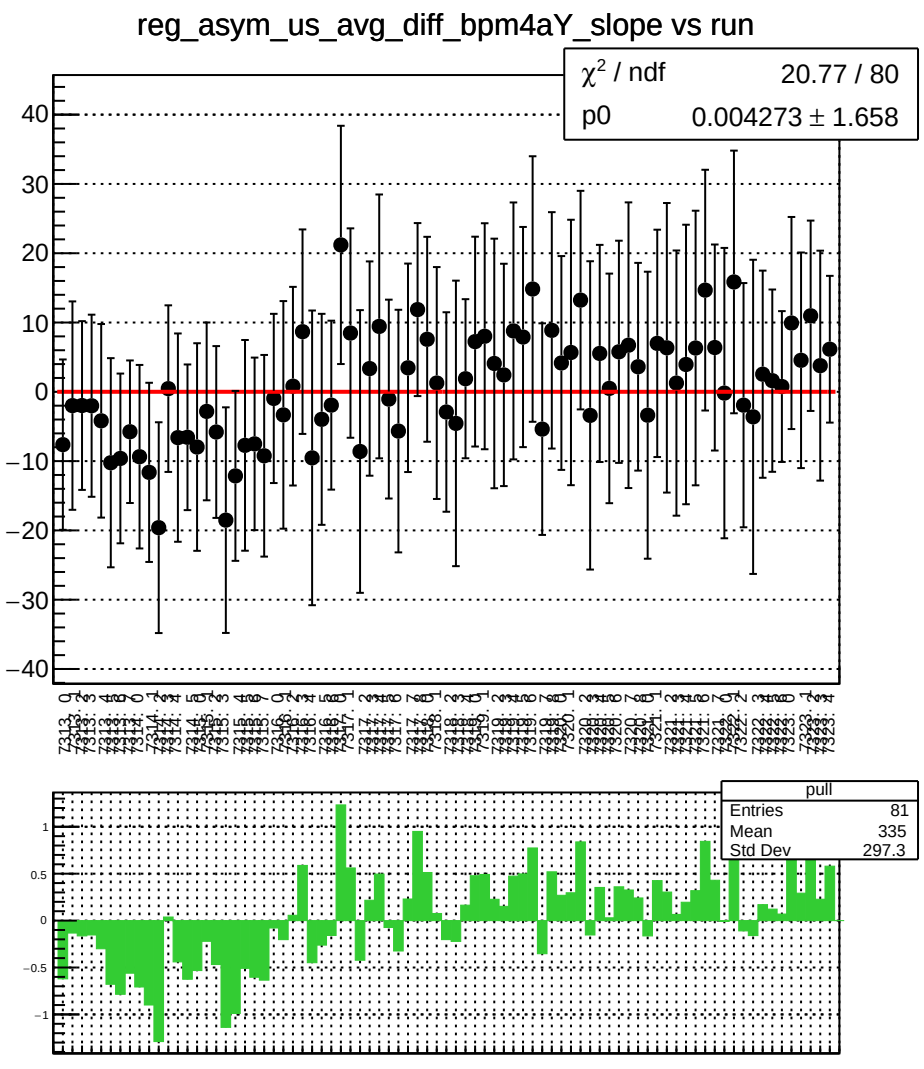

pull1D
Entries 81
Mean 0.008033
Std Dev 0.9496

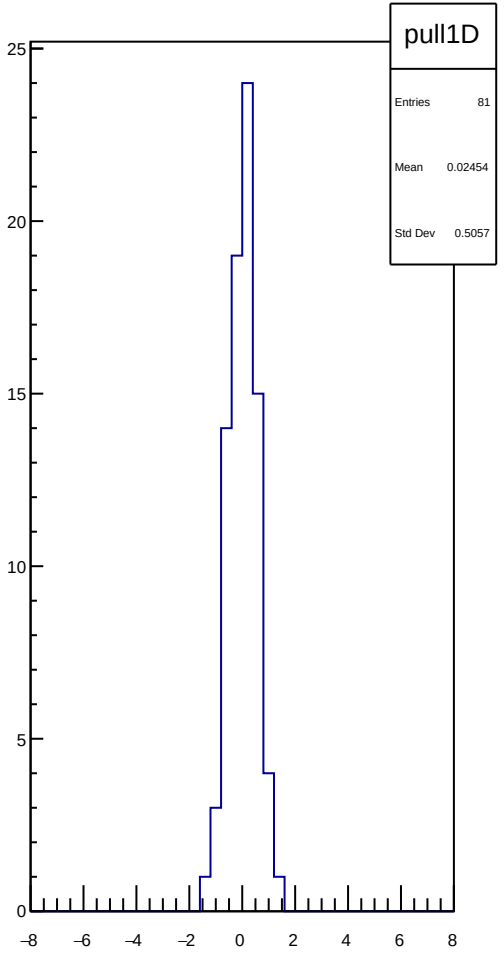

reg_asym_dsr_diff_bpm12X_slope vs run
χ² / ndf 76.61 / 80
p0 0.004235 ± 0.004871
pull
Entries 81
Mean 245.1
Std Dev 180.3

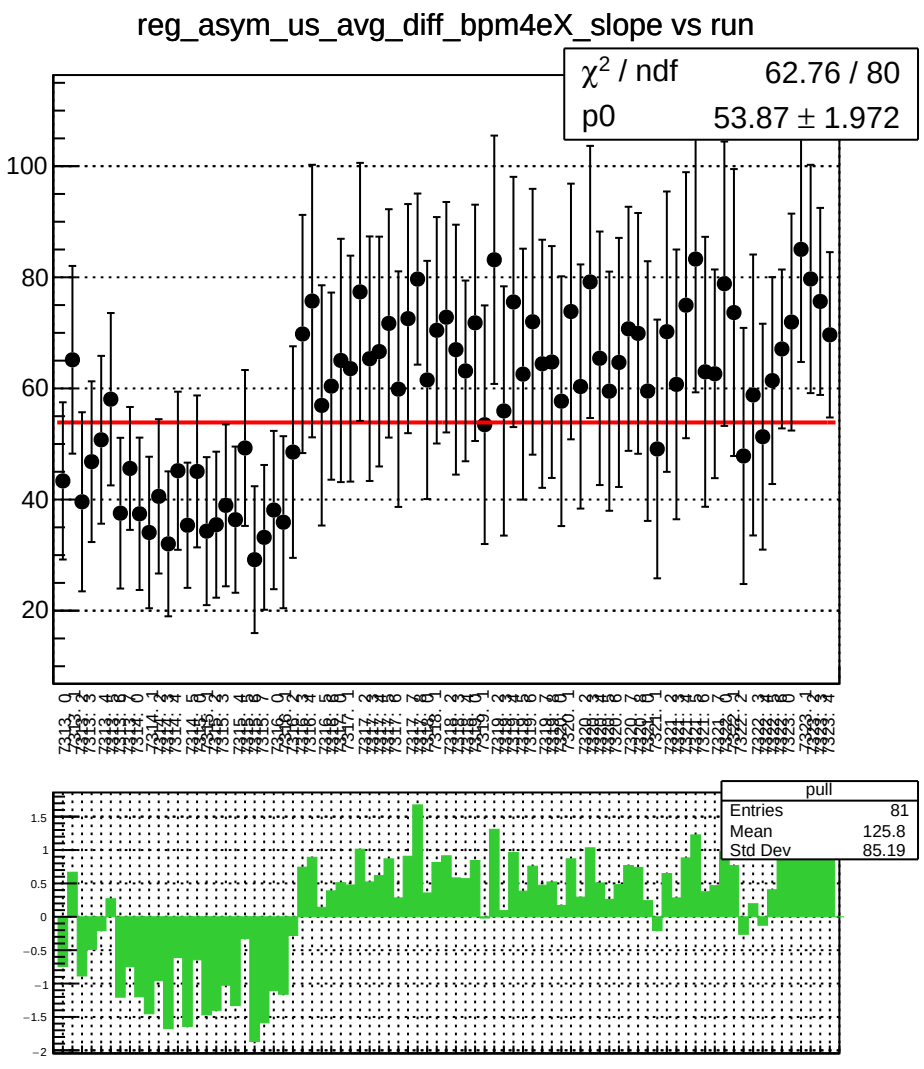

pull1D
Entries 81
Mean 0.01719
Std Dev 0.9724

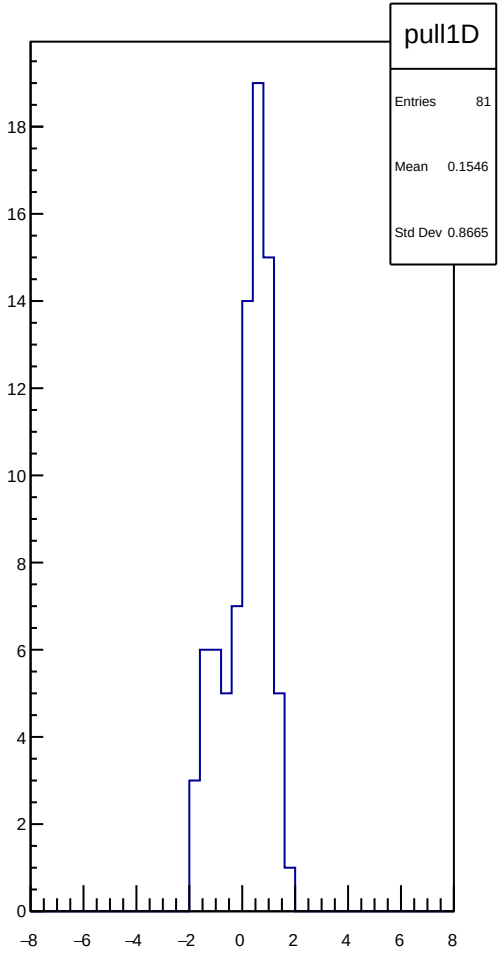

reg_asym_us_avg_diff_bpm1X_slope vs run
χ² / ndf 63.21 / 80
p0 −55.22 ± 1.982
pull
Entries 81
Mean 129.1
Std Dev 88.28

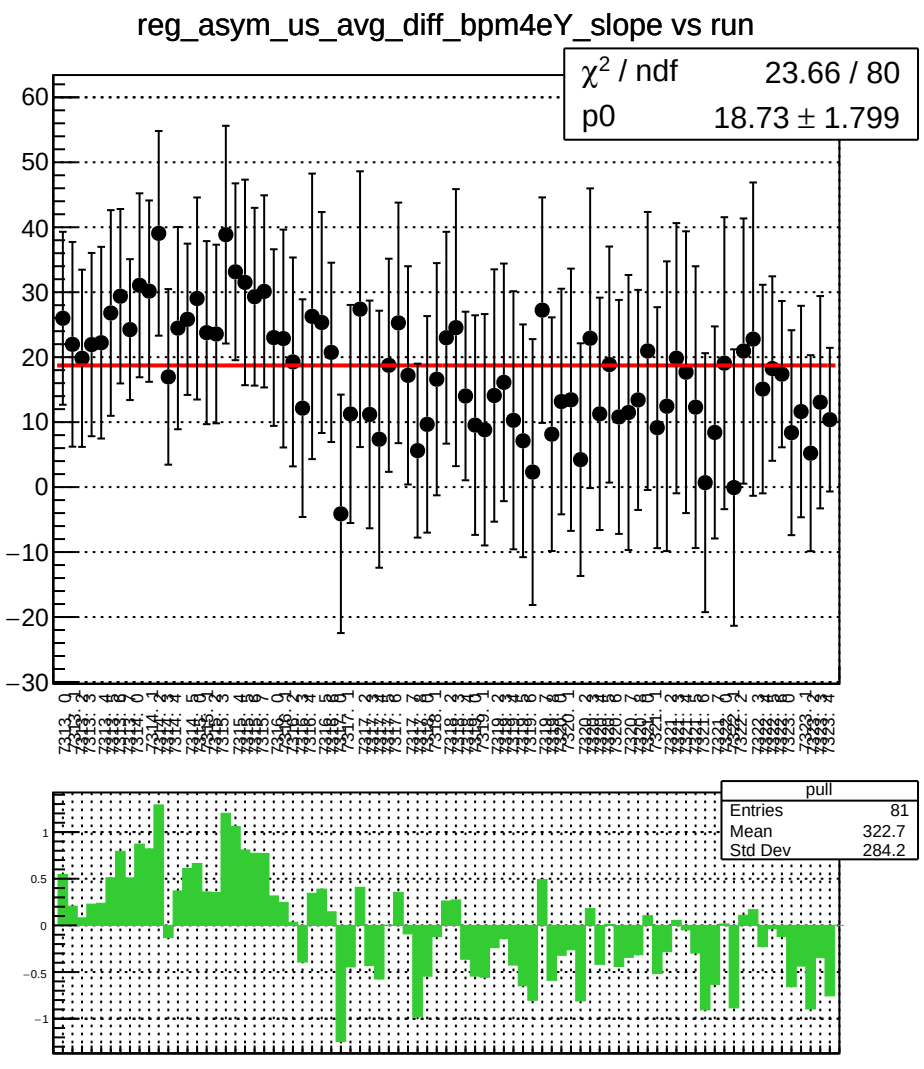

pull1D
Entries 81
Mean −0.1513
Std Dev 0.8703

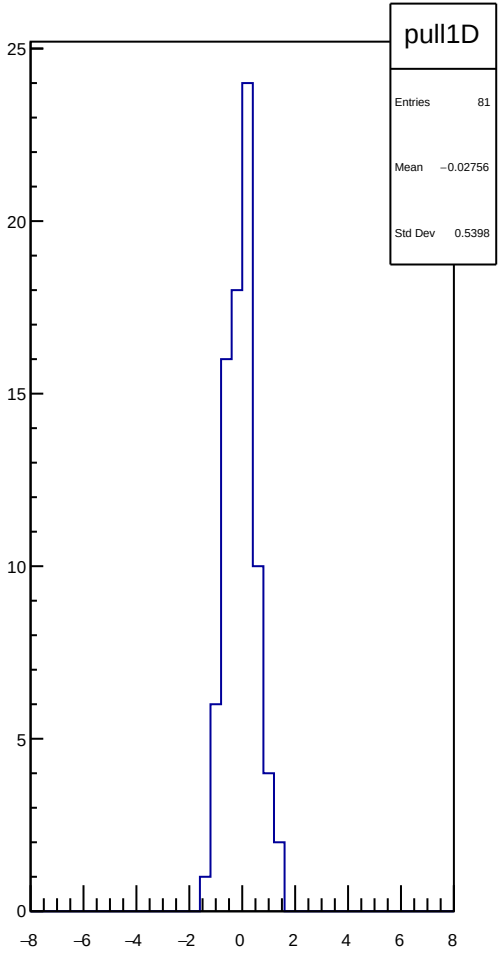

reg_asym_us_avg_diff_bpm4aY_slope vs run
χ² / ndf 20.77 / 80
p0 0.004273 ± 1.658
pull
Entries 81
Mean 335
Std Dev 297.3

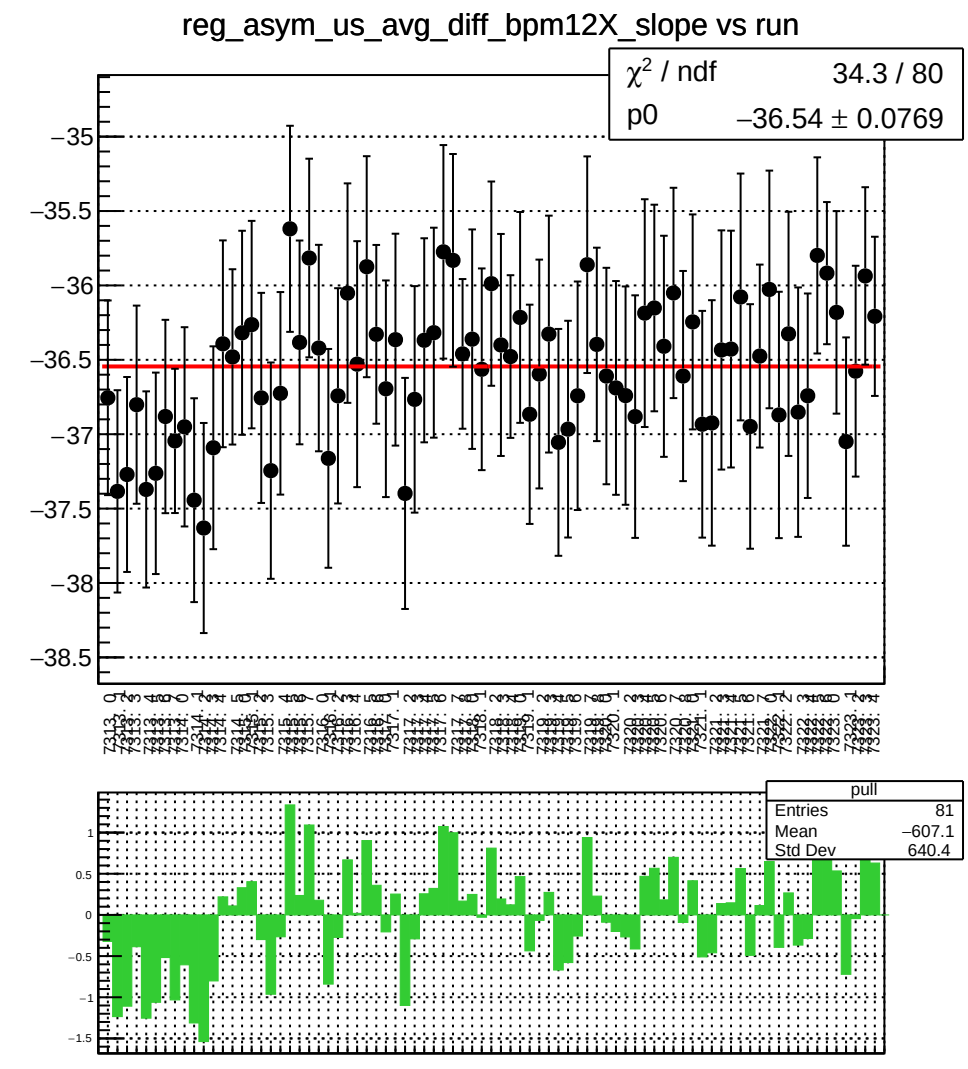

pull1D
Entries 81
Mean 0.02454
Std Dev 0.5057

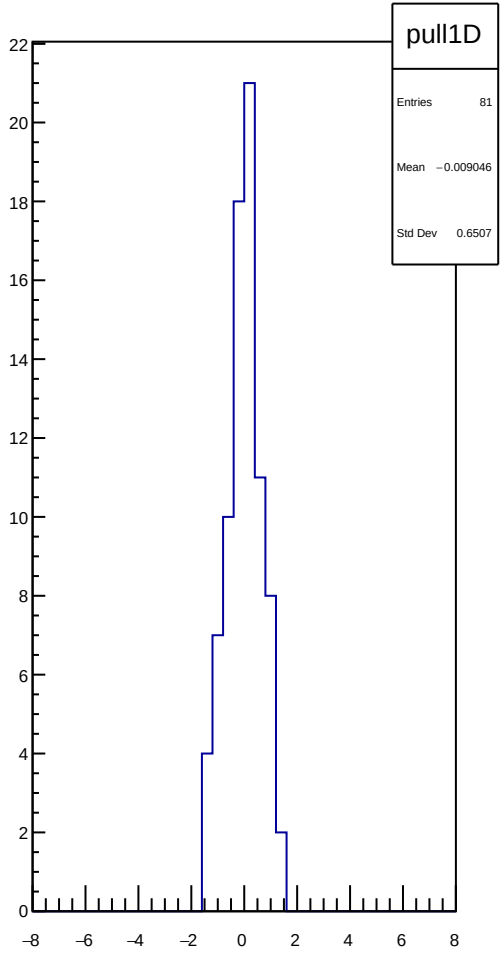

reg_asym_us_avg_diff_bpm4eX_slope vs run
χ² / ndf 62.76 / 80
p0 53.87 ± 1.972
pull
Entries 81
Mean 125.8
Std Dev 85.19

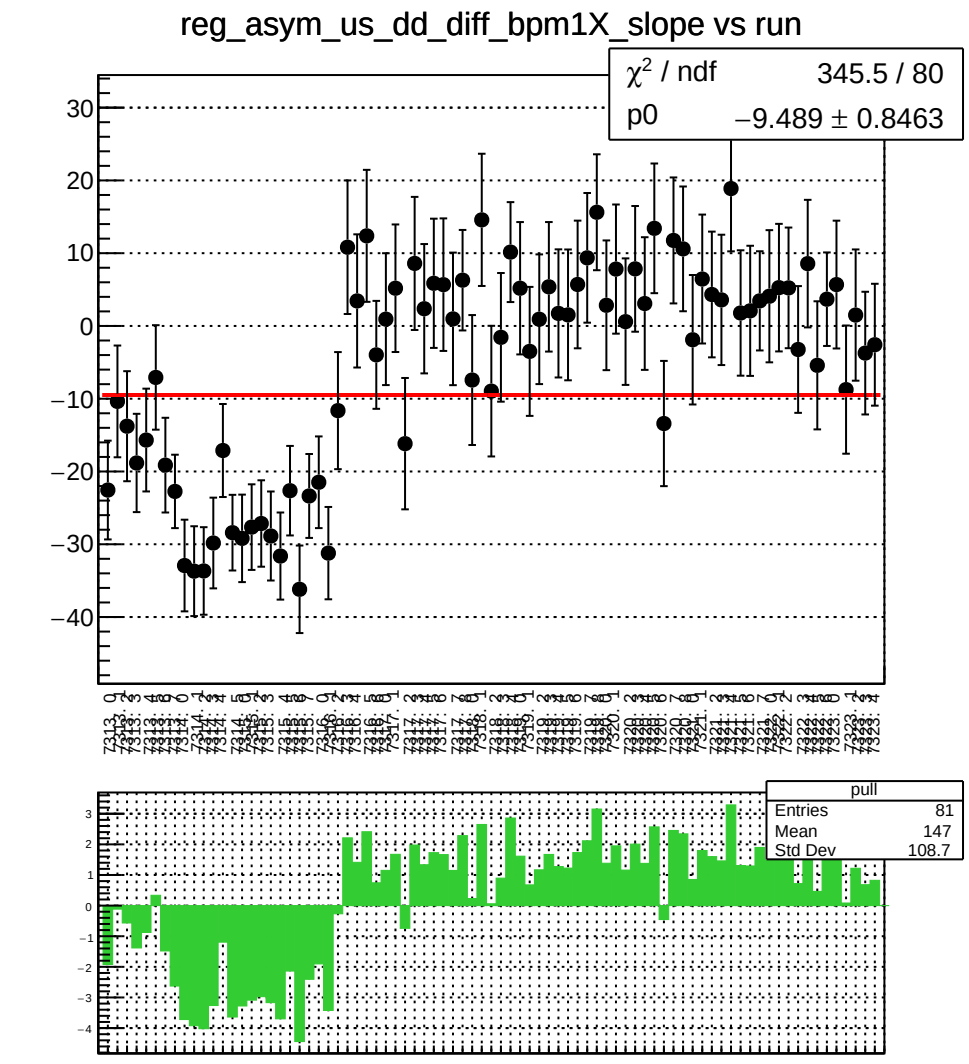

pull1D
Entries 81
Mean 0.1546
Std Dev 0.8665

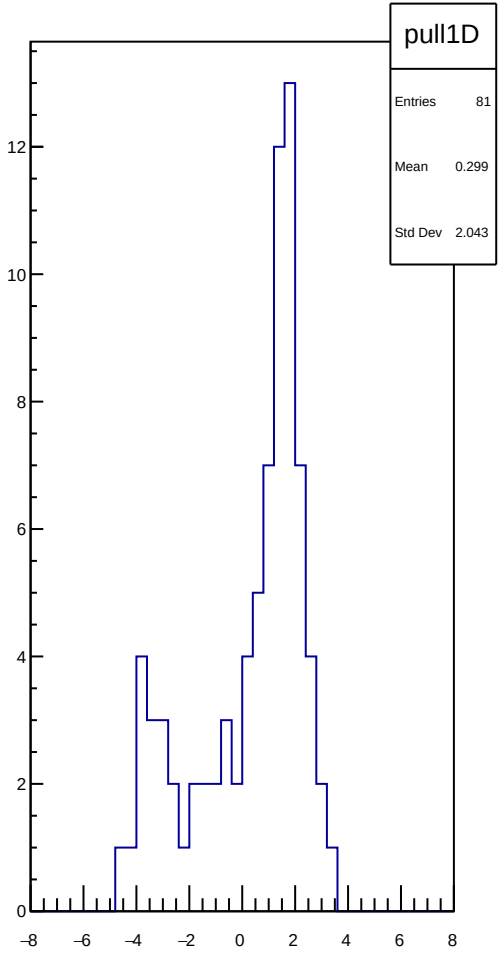

reg_asym_us_avg_diff_bpm4eY_slope vs run
χ² / ndf 23.66 / 80
p0 18.73 ± 1.799
pull
Entries 81
Mean 322.7
Std Dev 284.2

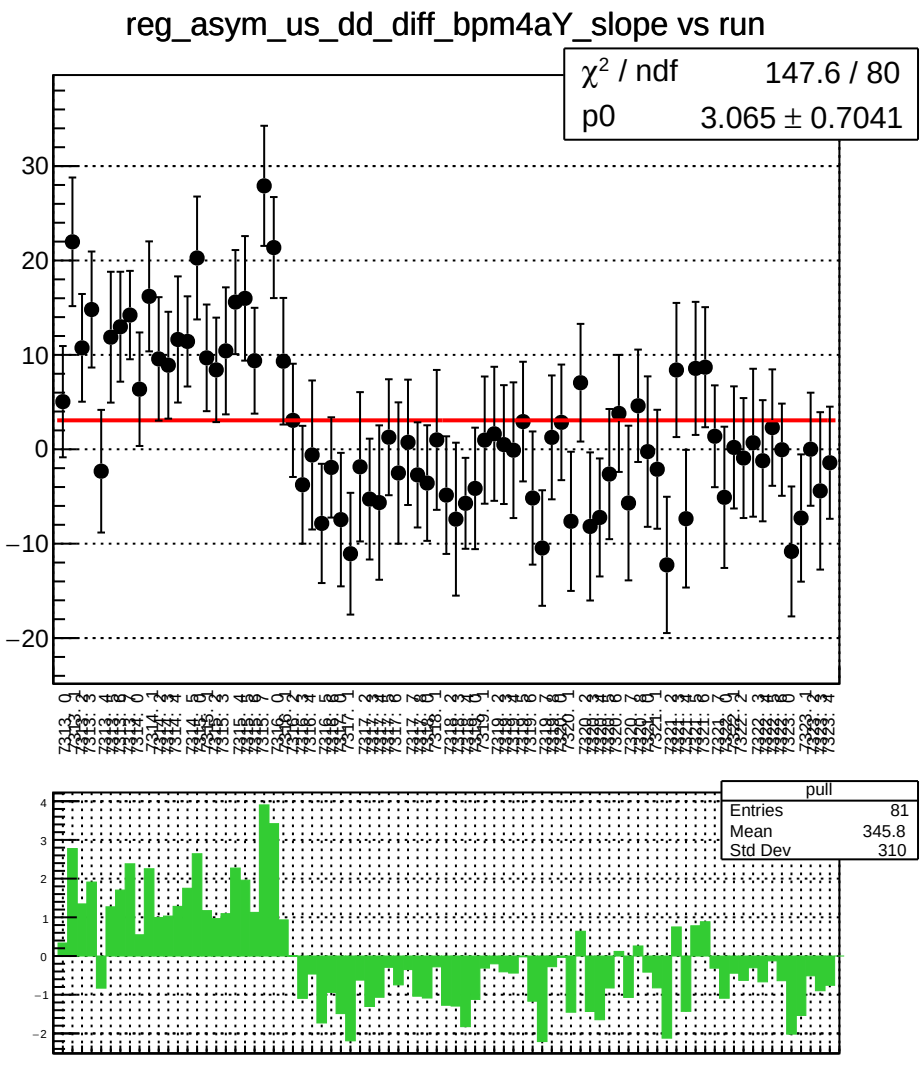

pull1D
Entries 81
Mean −0.02756
Std Dev 0.5398

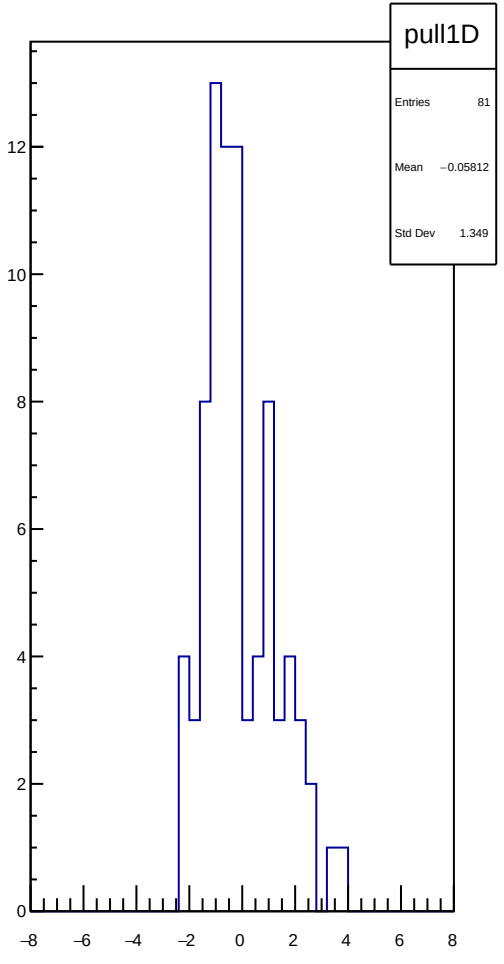

reg_asym_us_avg_diff_bpm12X_slope vs run
χ² / ndf 34.3 / 80
p0 −36.54 ± 0.0769
pull
Entries 81
Mean −607.1
Std Dev 640.4

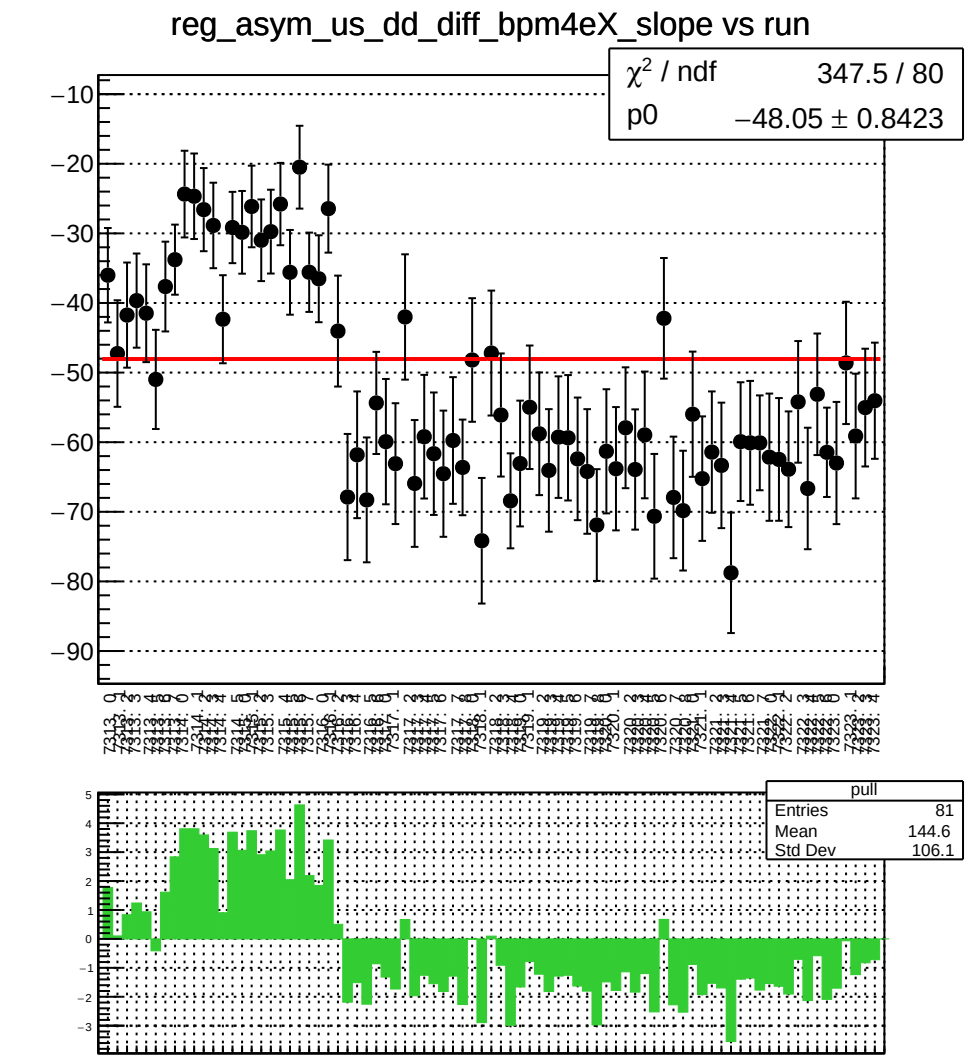

pull1D
Entries 81
Mean −0.009046
Std Dev 0.6507

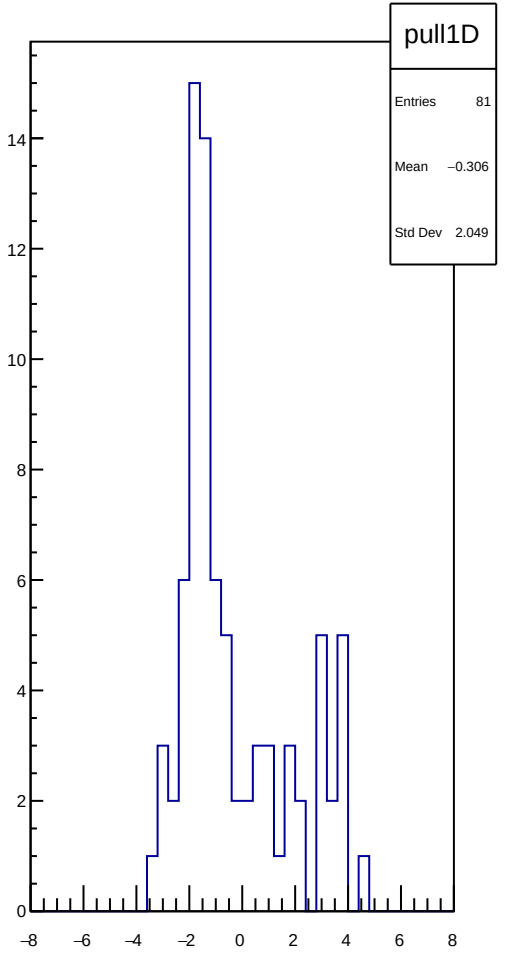

reg_asym_us_dd_diff_bpm1X_slope vs run
χ² / ndf 345.5 / 80
p0 −9.489 ± 0.8463
pull
Entries 81
Mean 147
Std Dev 108.7

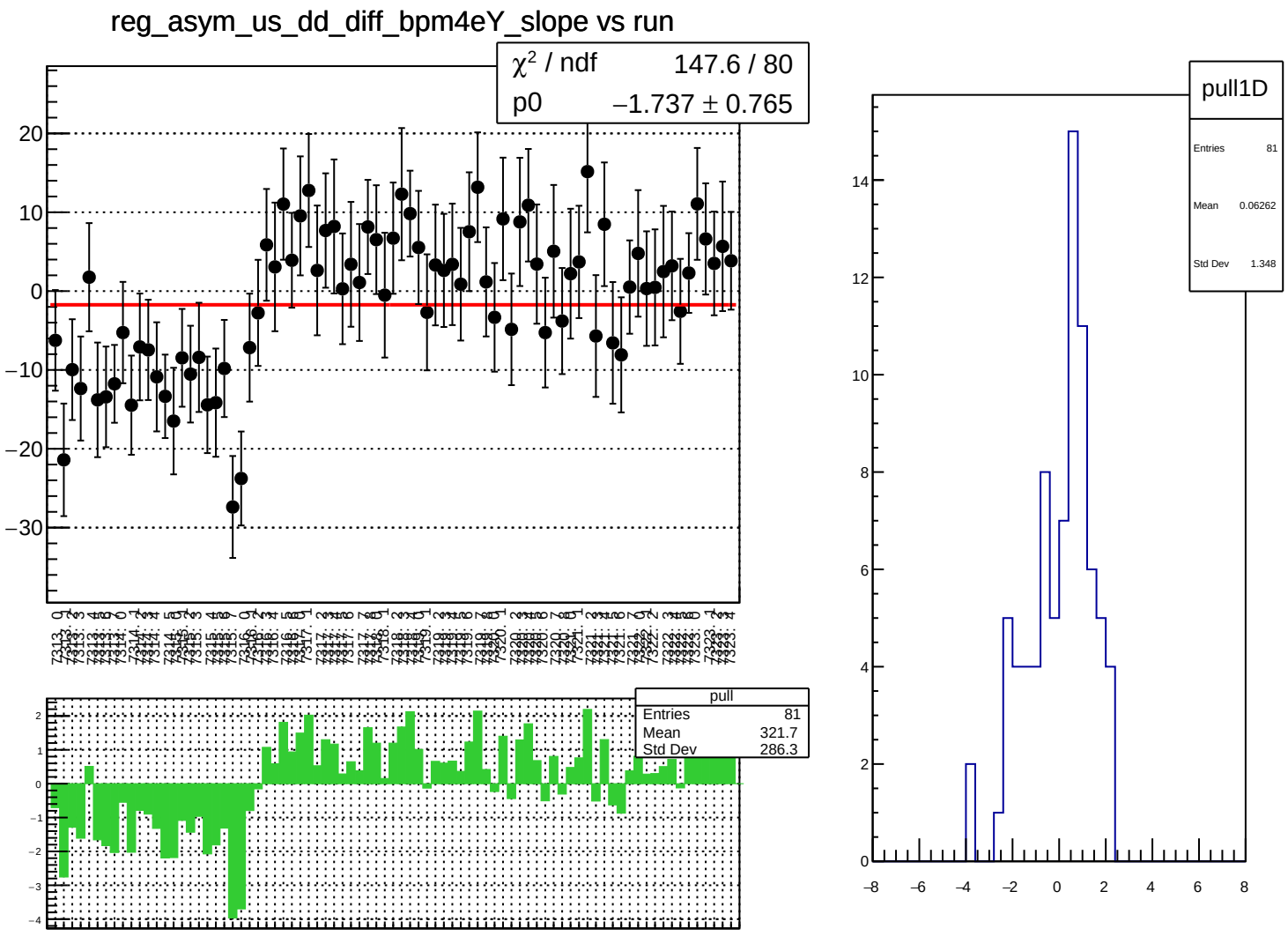

pull1D
Entries 81
Mean 0.299
Std Dev 2.043

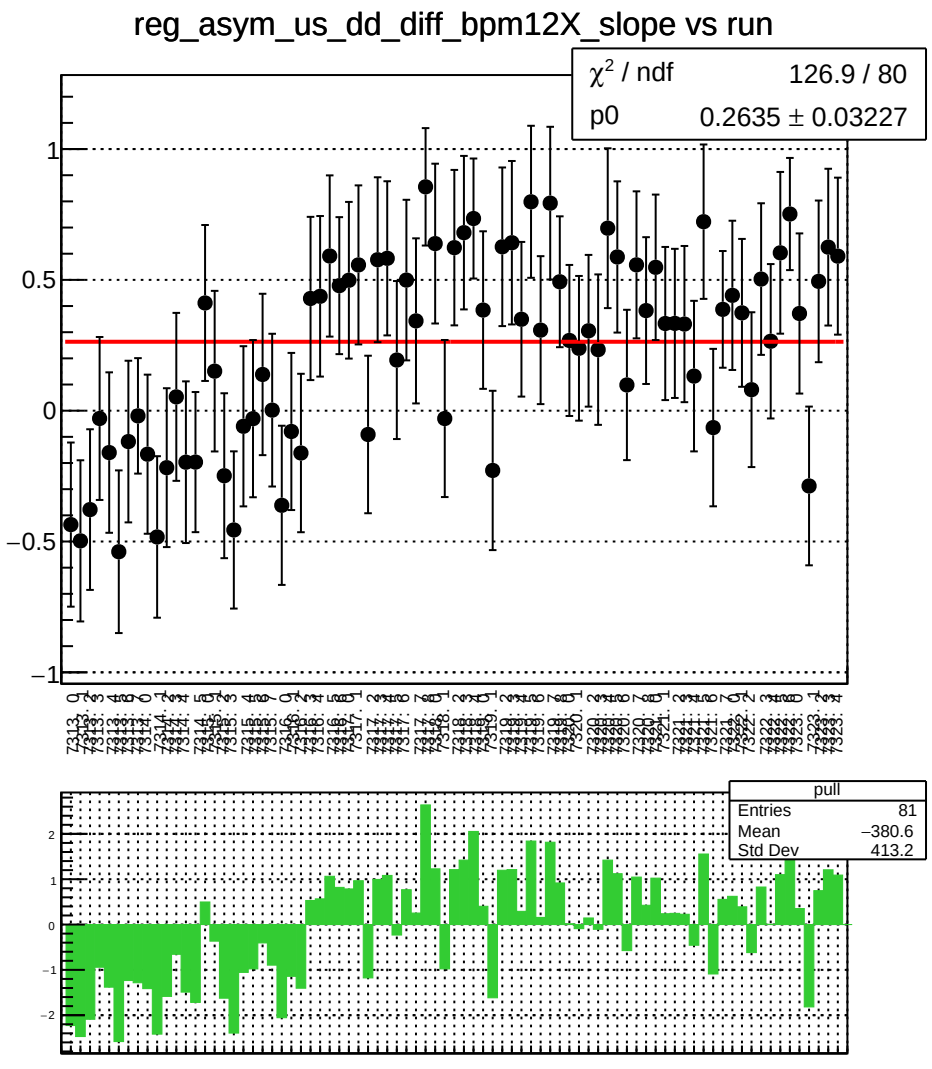

reg_asym_us_dd_diff_bpm4aY_slope vs run
χ² / ndf 147.6 / 80
p0 3.065 ± 0.7041
pull
Entries 81
Mean 345.8
Std Dev 310

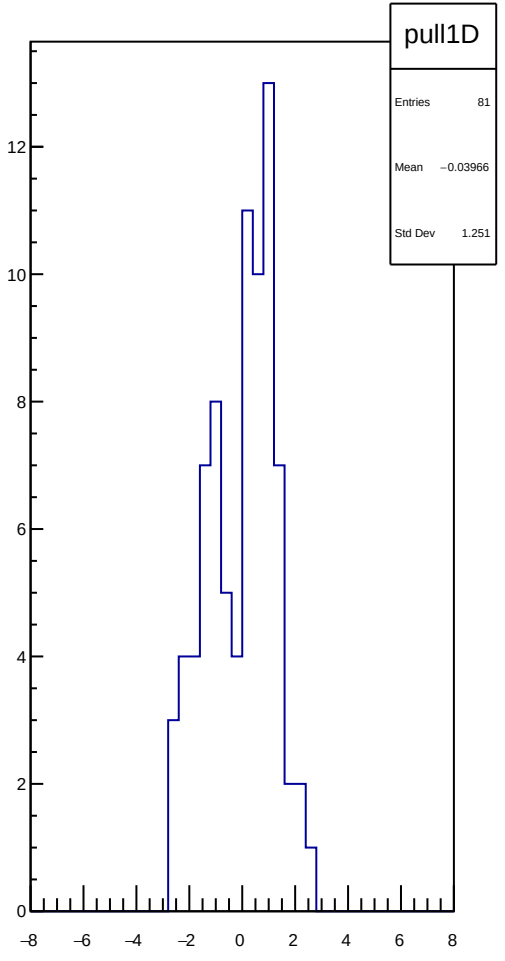

pull1D
Entries 81
Mean −0.05812
Std Dev 1.349

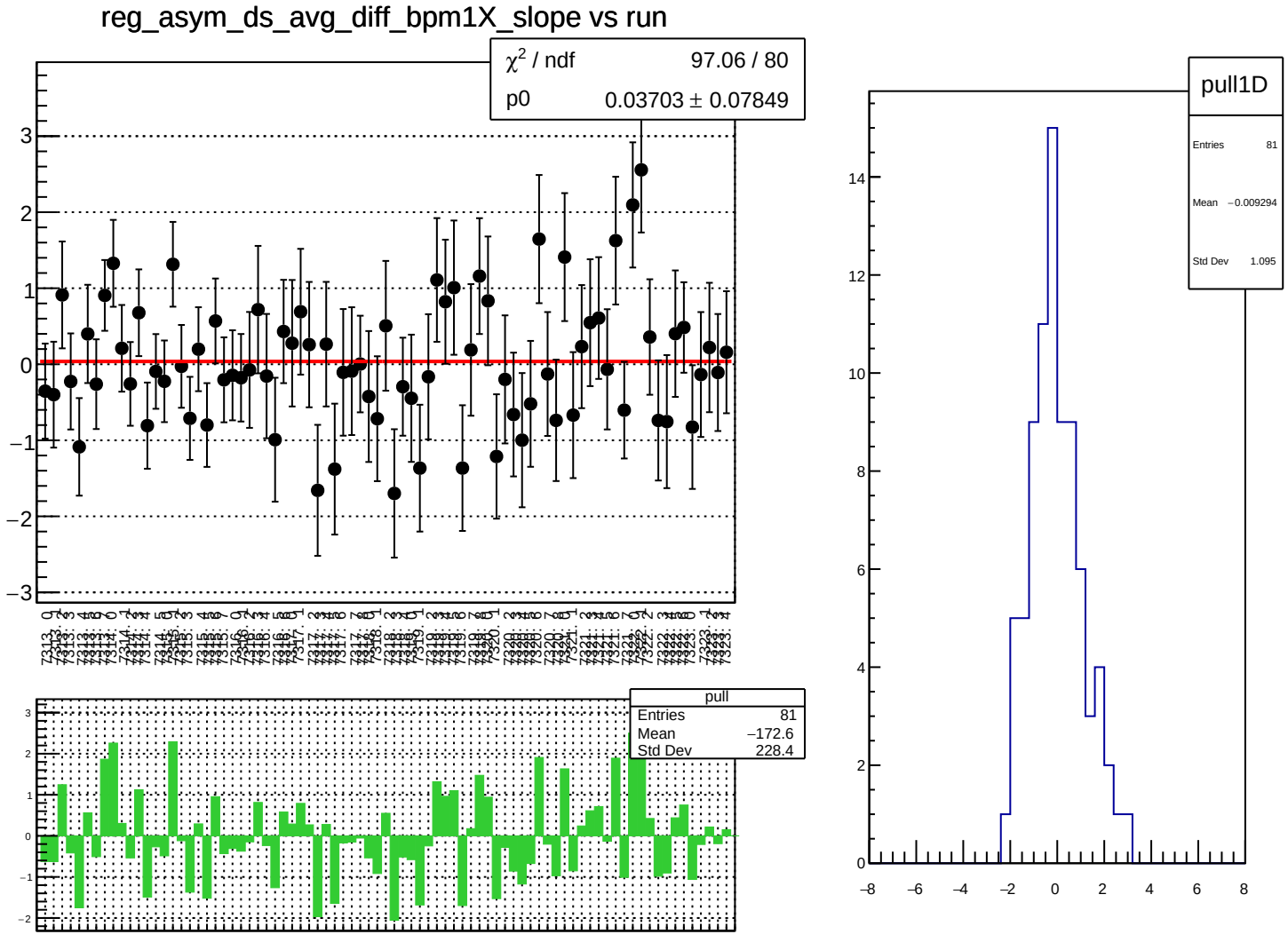

reg_asym_us_dd_diff_bpm4eX_slope vs run
χ² / ndf 347.5 / 80
p0 −48.05 ± 0.8423
pull
Entries 81
Mean 144.6
Std Dev 106.1

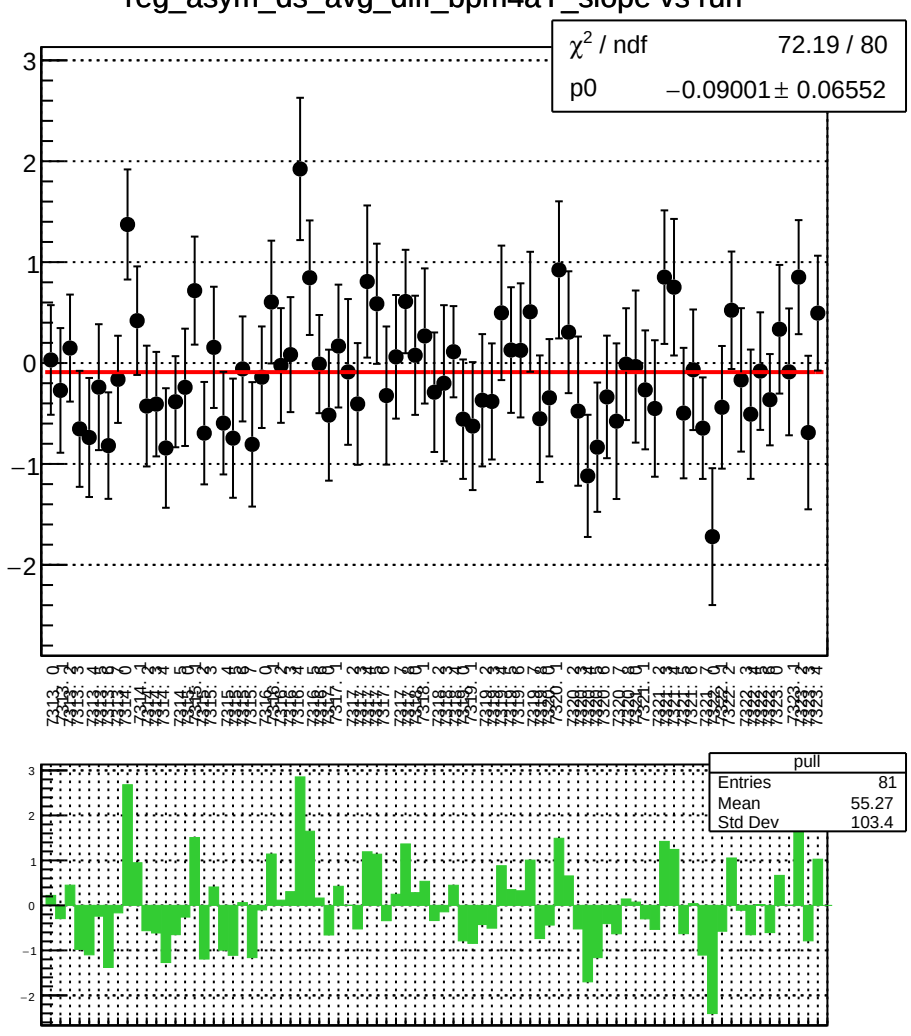

pull1D
Entries 81
Mean −0.306
Std Dev 2.049

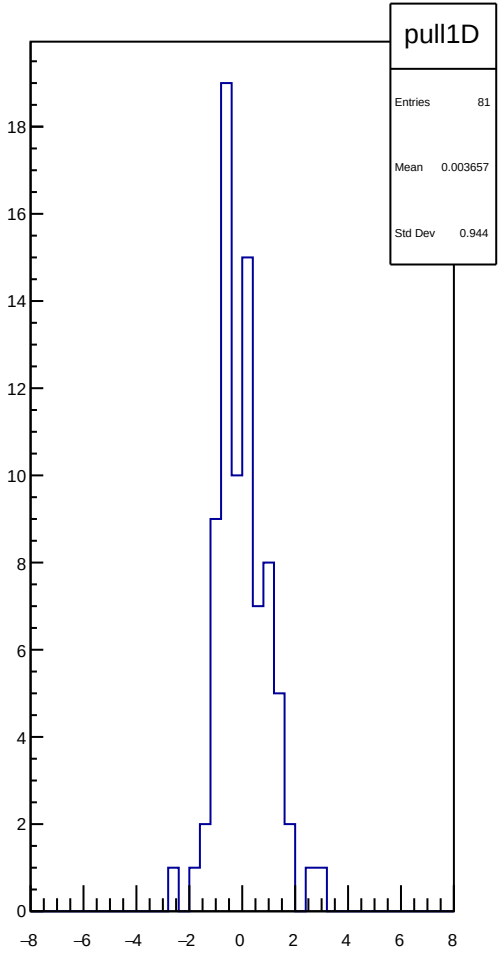

reg_asym_us_dd_diff_bpm4eY_slope vs run
χ² / ndf 147.6 / 80
p0 −1.737 ± 0.765
pull
Entries 81
Mean 321.7
Std Dev 286.3
pull1D
Entries 81
Mean 0.06262
Std Dev 1.348

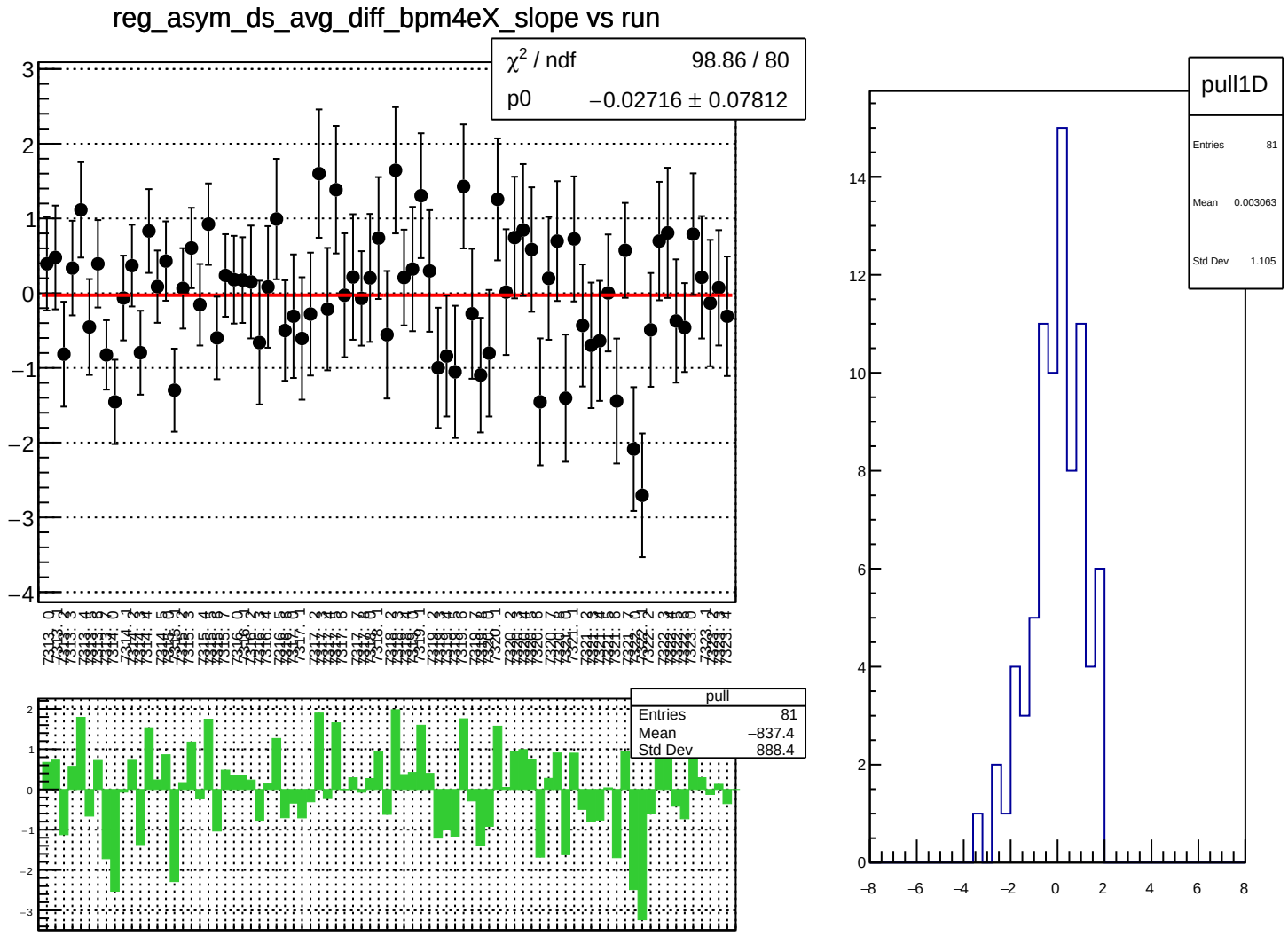

reg_asym_us_dd_diff_bpm12X_slope vs run
χ² / ndf 126.9 / 80
p0 0.2635 ± 0.03227
pull
Entries 81
Mean −380.6
Std Dev 413.2

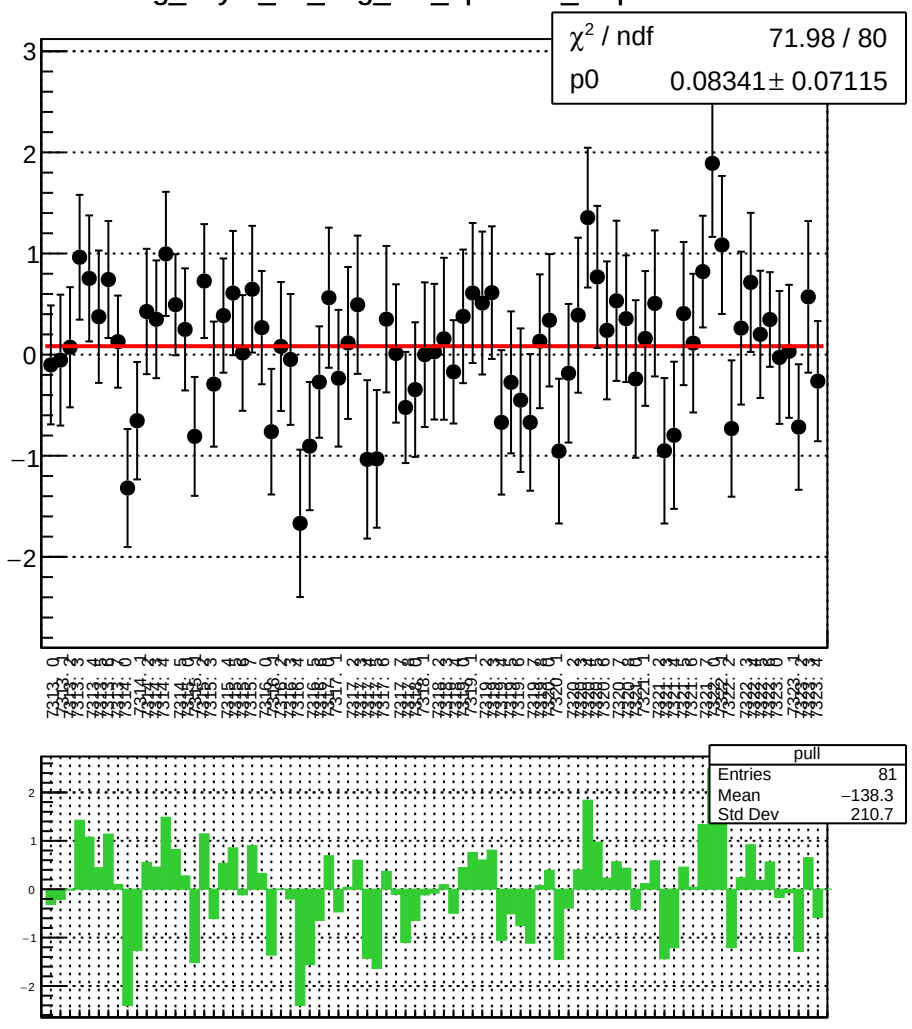

pull1D
Entries 81
Mean −0.03966
Std Dev 1.251

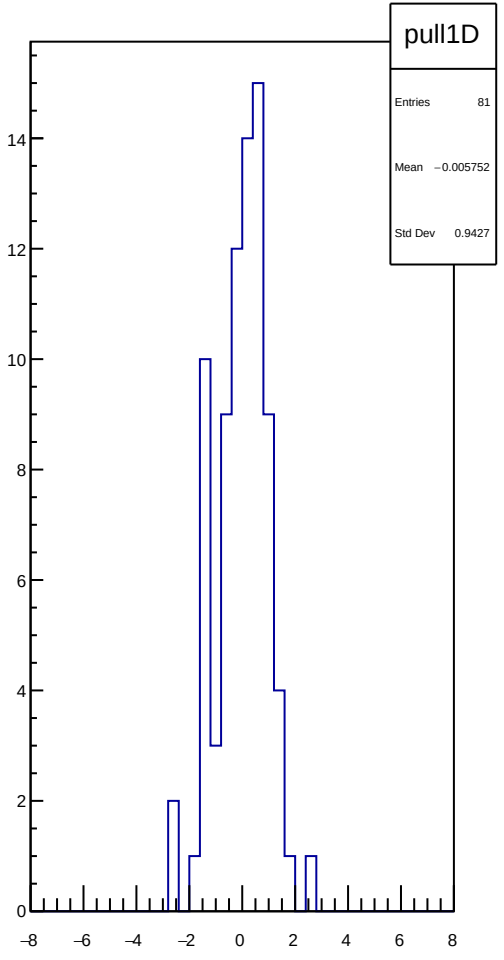

reg_asym_ds_avg_diff_bpm1X_slope vs run
χ² / ndf 97.06 / 80
p0 0.03703 ± 0.07849
pull
Entries 81
Mean −172.6
Std Dev 228.4
pull1D
Entries 81
Mean −0.009294
Std Dev 1.095

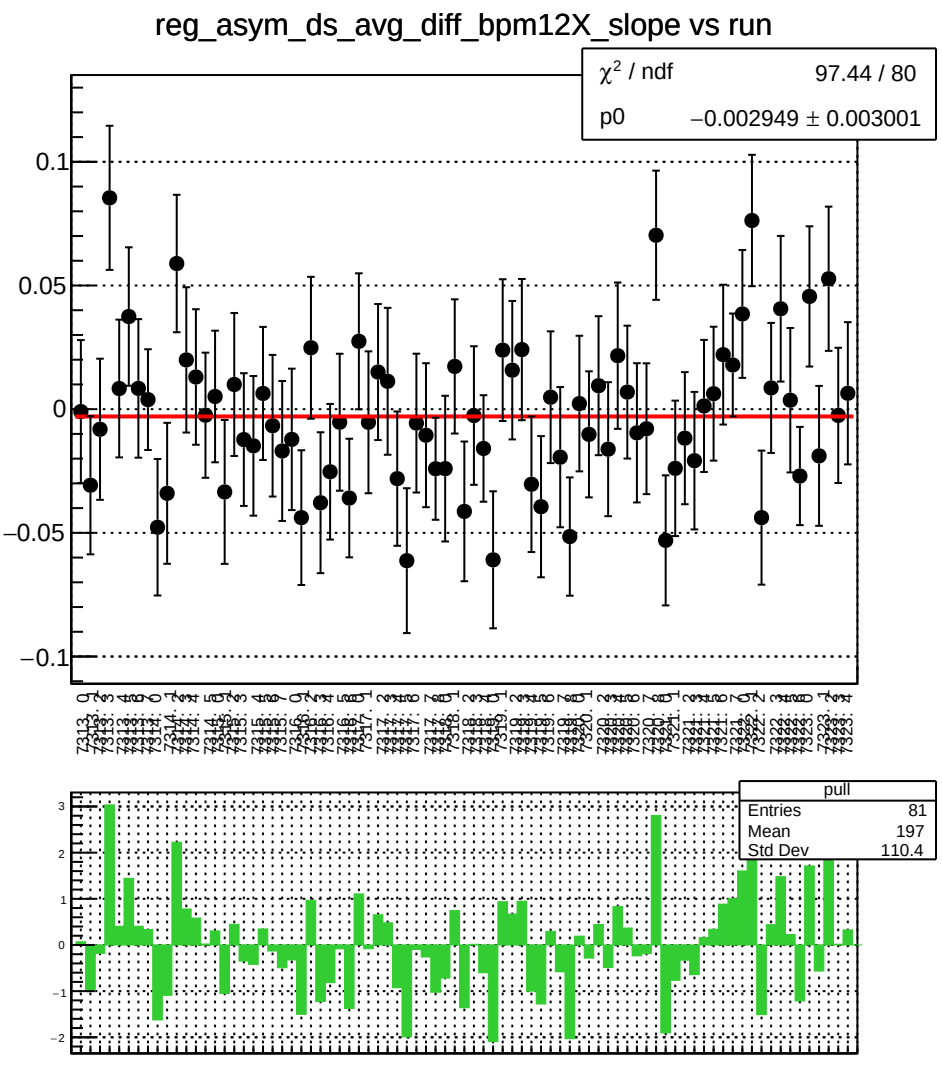

reg_asym_ds_avg_diff_bpm4aY_slope vs run
χ² / ndf 72.19 / 80
p0 −0.09001 ± 0.06552
pull
Entries 81
Mean 55.27
Std Dev 103.4

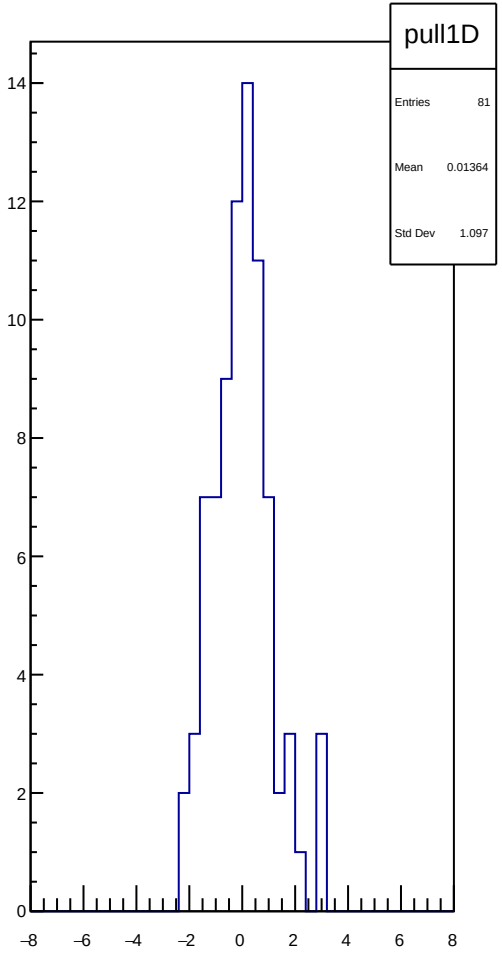

pull1D
Entries 81
Mean 0.003657
Std Dev 0.944

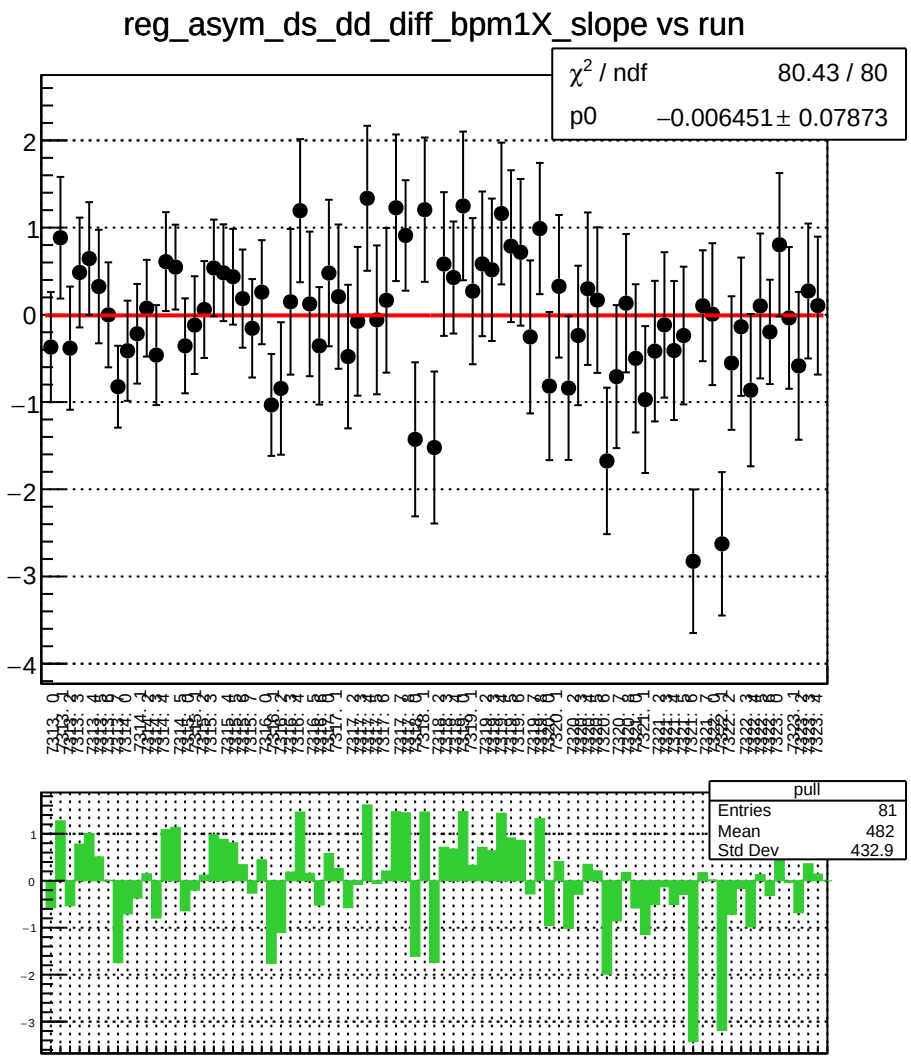

reg_asym_ds_avg_diff_bpm4eX_slope vs run
χ² / ndf 98.86 / 80
p0 −0.02716 ± 0.07812
pull
Entries 81
Mean −837.4
Std Dev 888.4
pull1D
Entries 81
Mean 0.003063
Std Dev 1.105

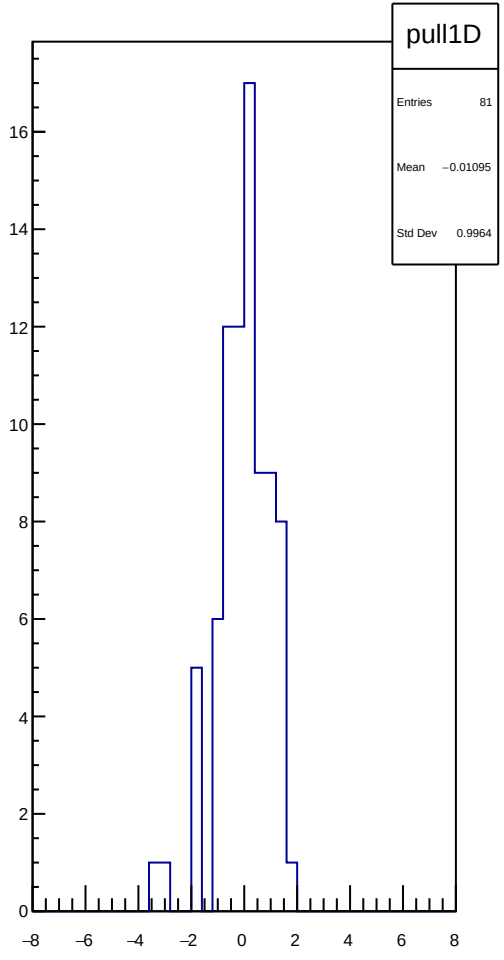

reg_asym_ds_avg_diff_bpm4eY_slope vs run
χ² / ndf 71.98 / 80
p0 0.08341 ± 0.07115
pull
Entries 81
Mean −138.3
Std Dev 210.7

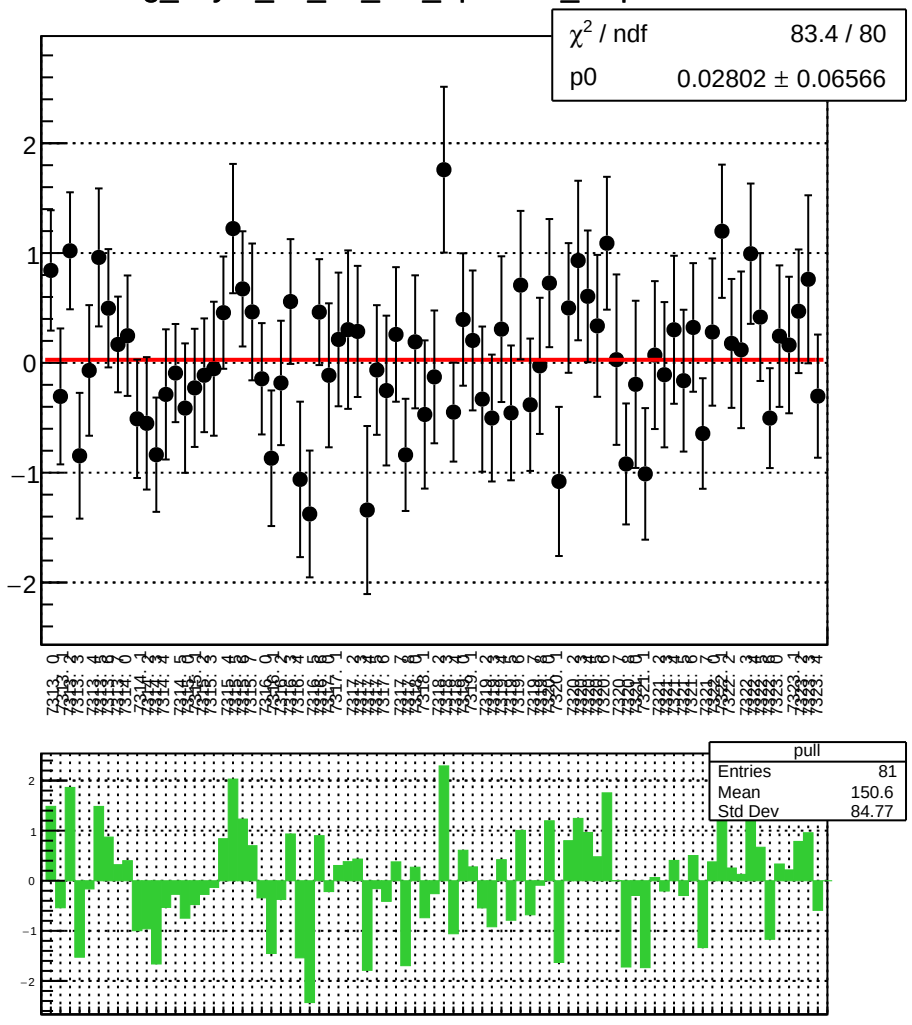

pull1D
Entries 81
Mean −0.005752
Std Dev 0.9427

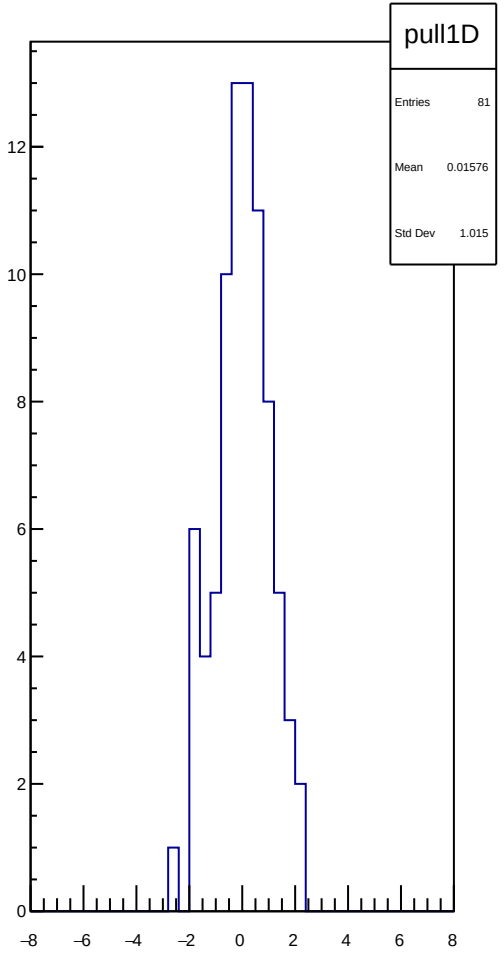

reg_asym_ds_avg_diff_bpm12X_slope vs run
χ² / ndf 97.44 / 80
p0 −0.002949 ± 0.003001
pull
Entries 81
Mean 197
Std Dev 110.4

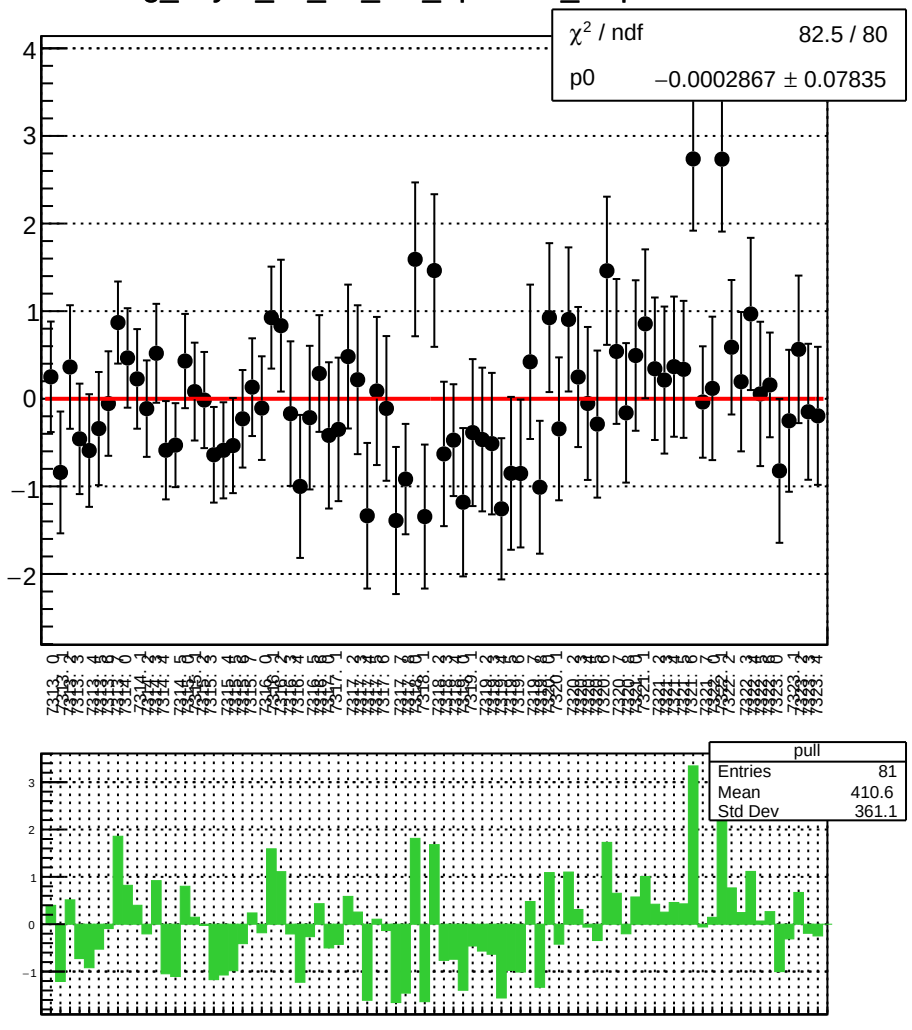

pull1D
Entries 81
Mean 0.01364
Std Dev 1.097

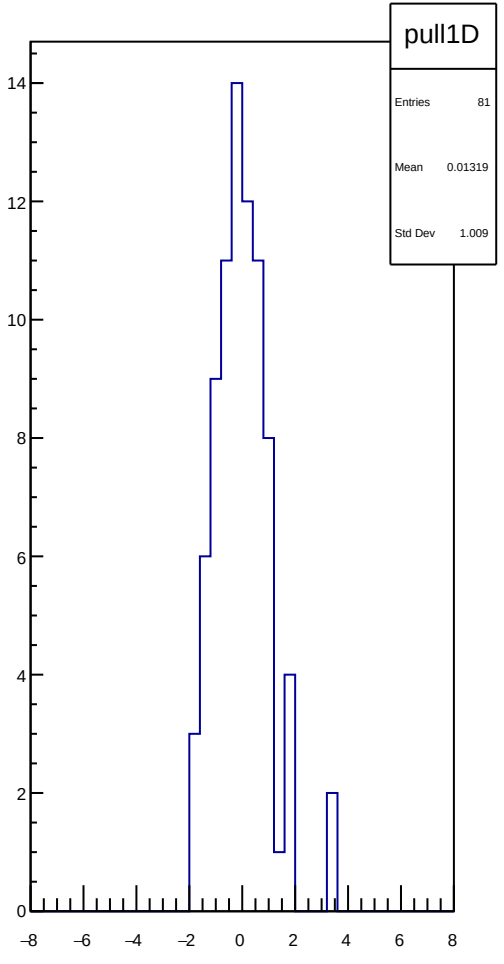

reg_asym_ds_dd_diff_bpm1X_slope vs run
χ² / ndf 80.43 / 80
p0 −0.006451 ± 0.07873
pull
Entries 81
Mean 482
Std Dev 432.9

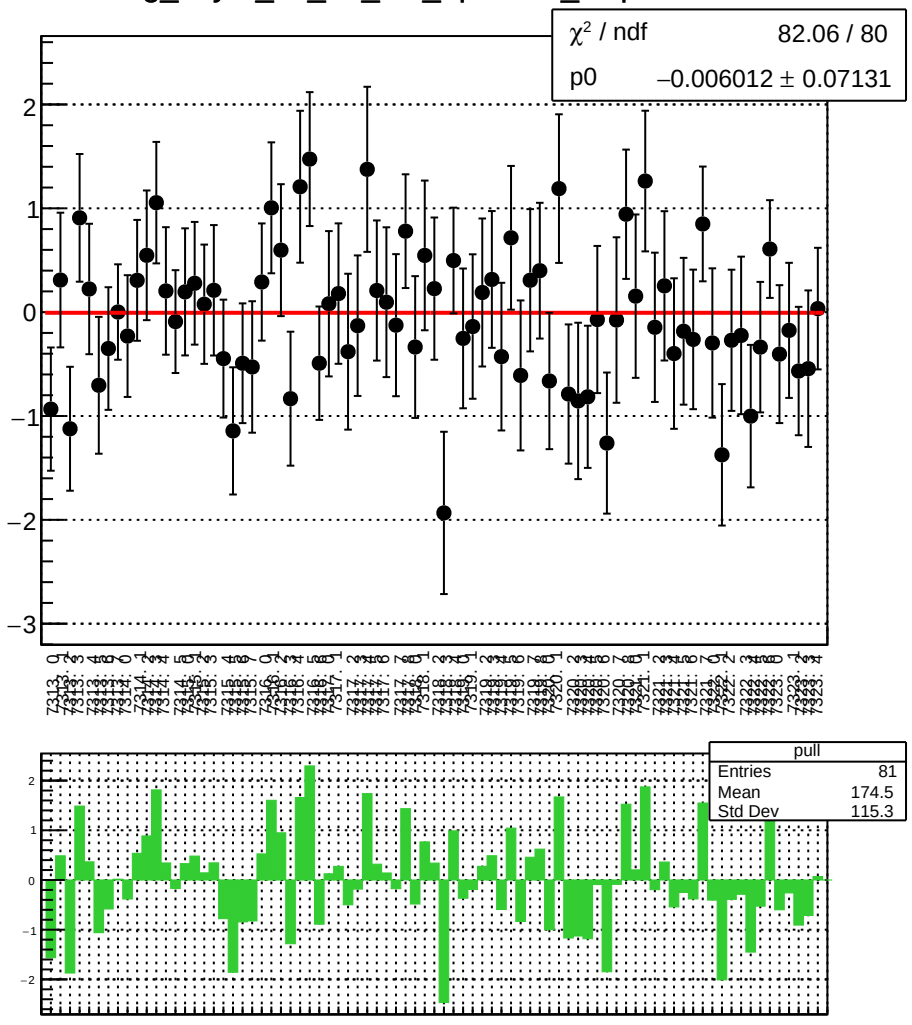

pull1D
Entries 81
Mean −0.01095
Std Dev 0.9964

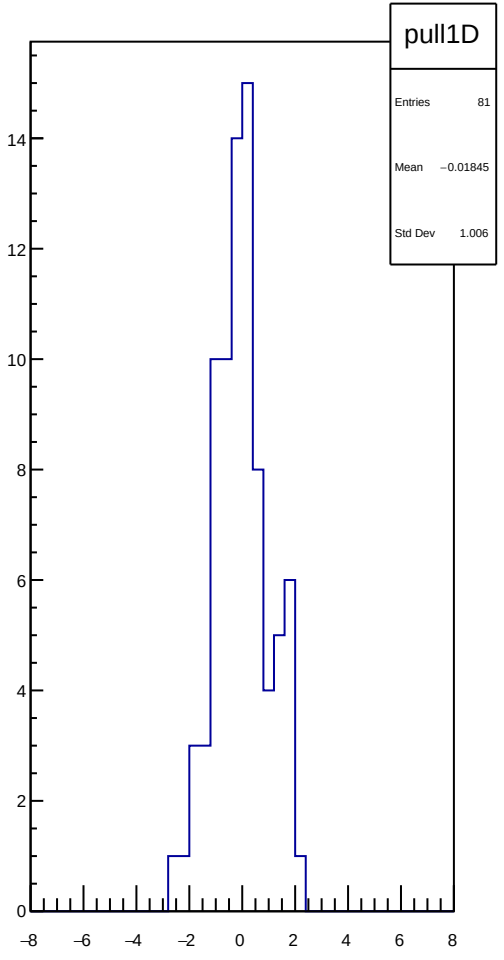

reg_asym_ds_dd_diff_bpm4aY_slope vs run
χ² / ndf 83.4 / 80
p0 0.02802 ± 0.06566
pull
Entries 81
Mean 150.6
Std Dev 84.77

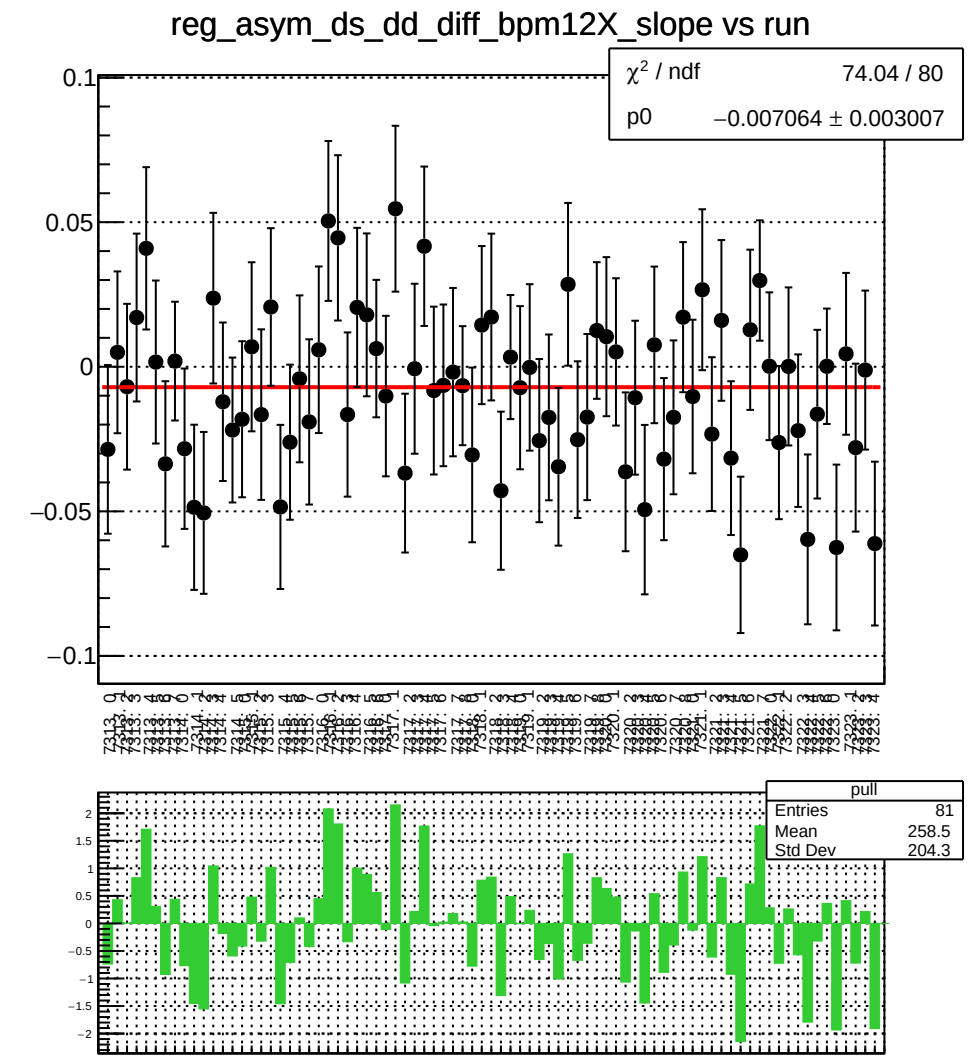

pull1D
Entries 81
Mean 0.01576
Std Dev 1.015

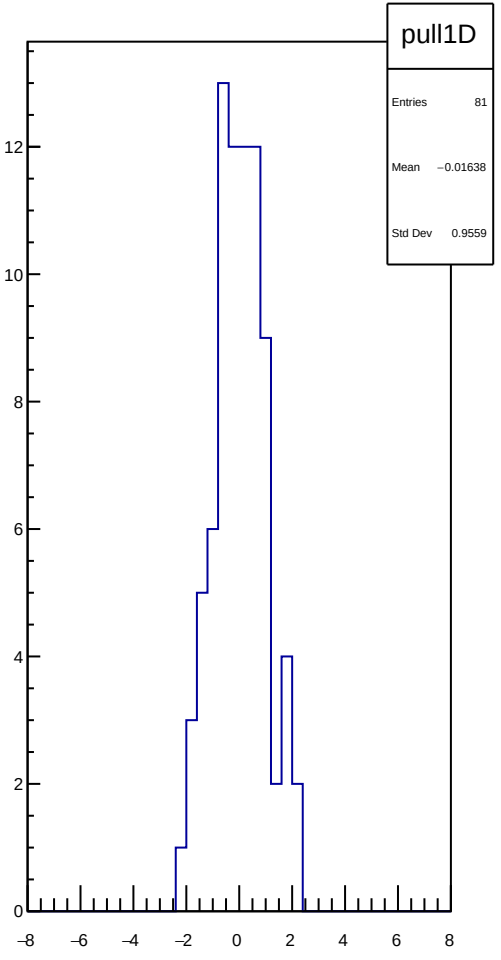

reg_asym_ds_dd_diff_bpm4eX_slope vs run
χ² / ndf 82.5 / 80
p0 −0.0002867 ± 0.07835
pull
Entries 81
Mean 410.6
Std Dev 361.1

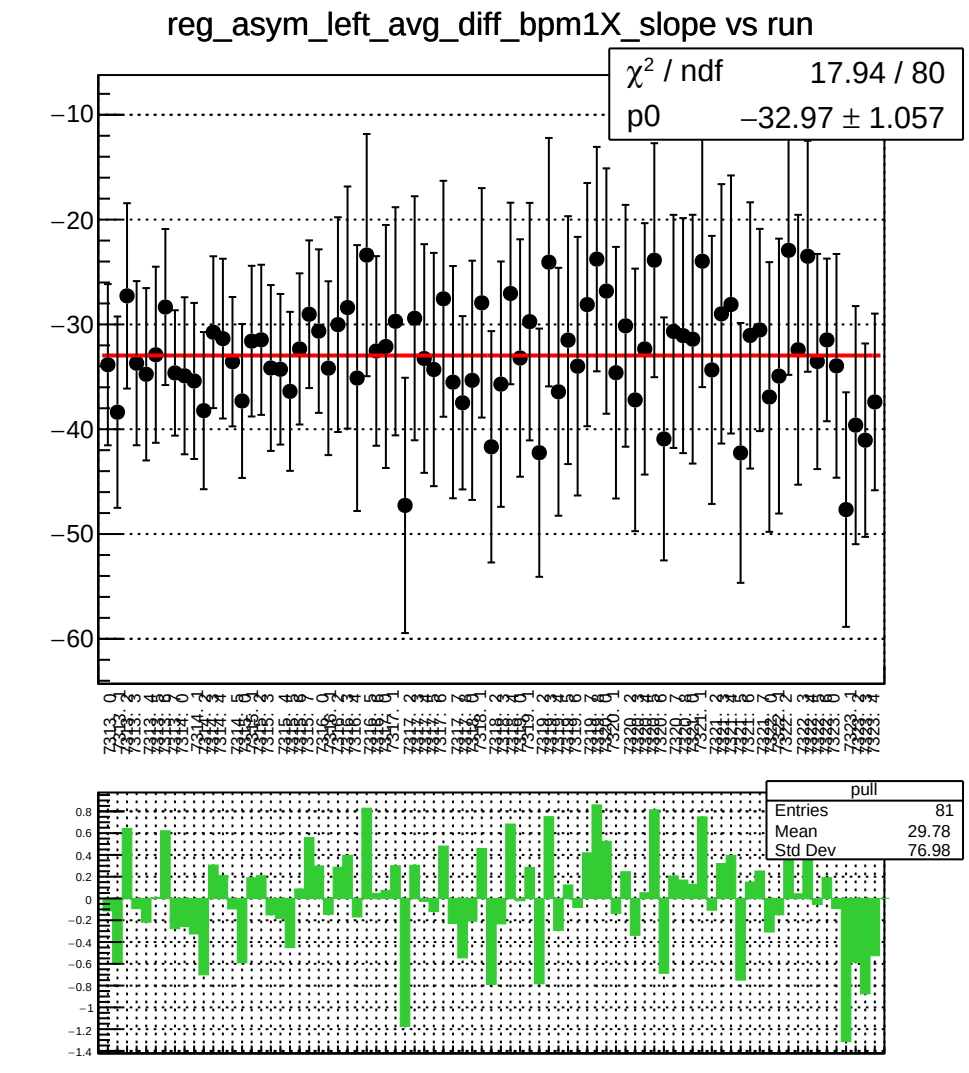

pull1D
Entries 81
Mean 0.01319
Std Dev 1.009

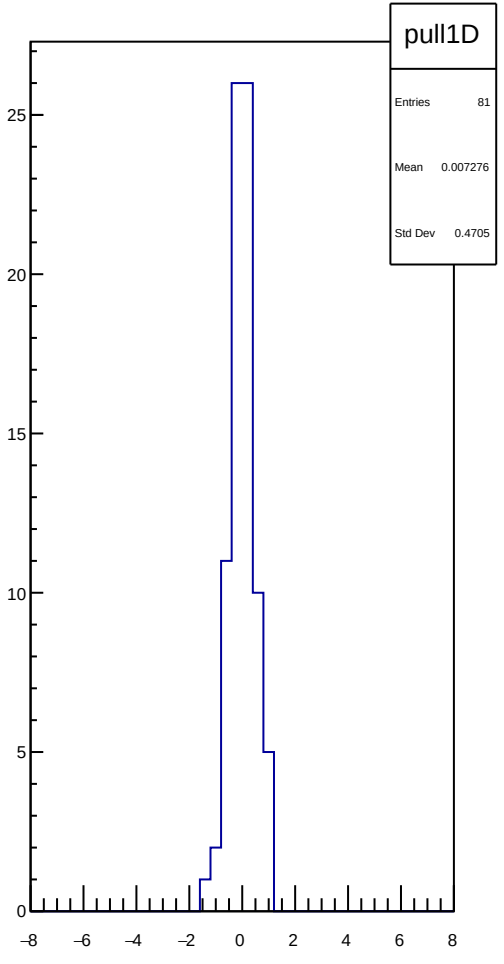

reg_asym_ds_dd_diff_bpm4eY_slope vs run
χ² / ndf 82.06 / 80
p0 −0.006012 ± 0.07131
pull
Entries 81
Mean 174.5
Std Dev 115.3

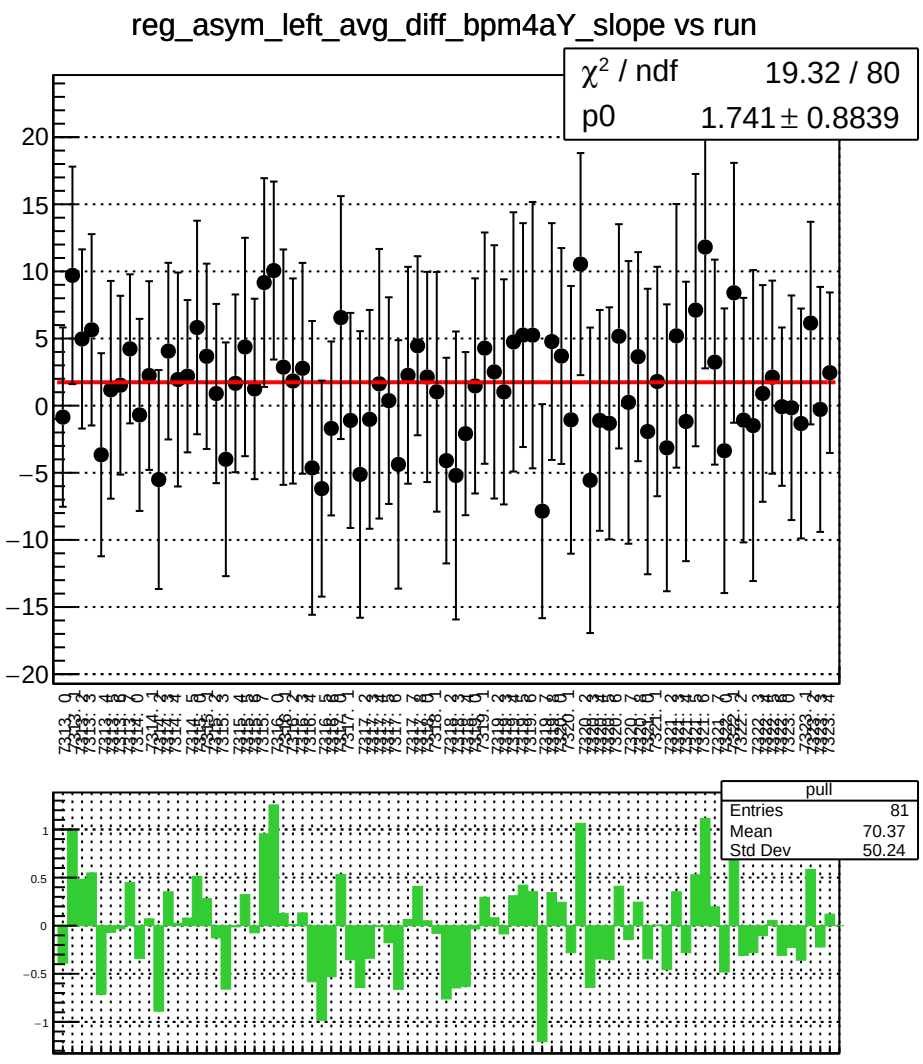

pull1D
Entries 81
Mean −0.01845
Std Dev 1.006

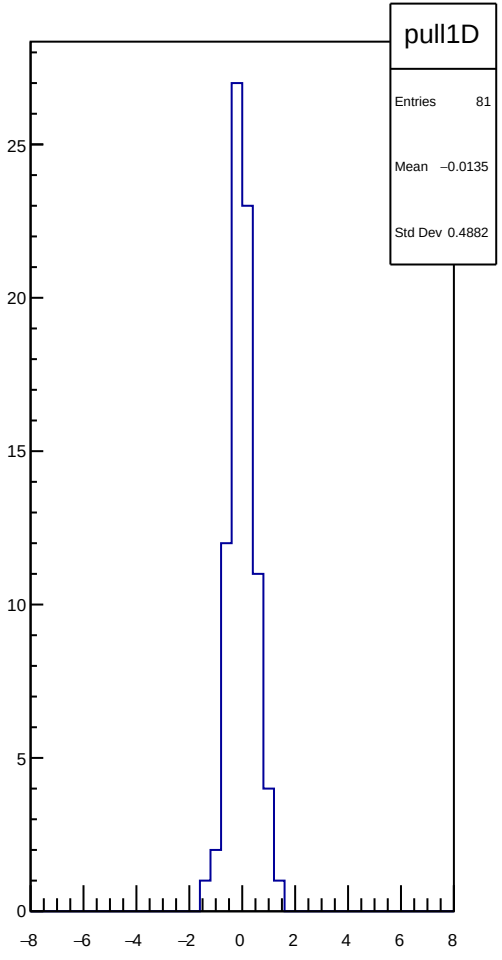

reg_asym_ds_dd_diff_bpm12X_slope vs run
χ² / ndf 74.04 / 80
p0 −0.007064 ± 0.003007
pull
Entries 81
Mean 258.5
Std Dev 204.3

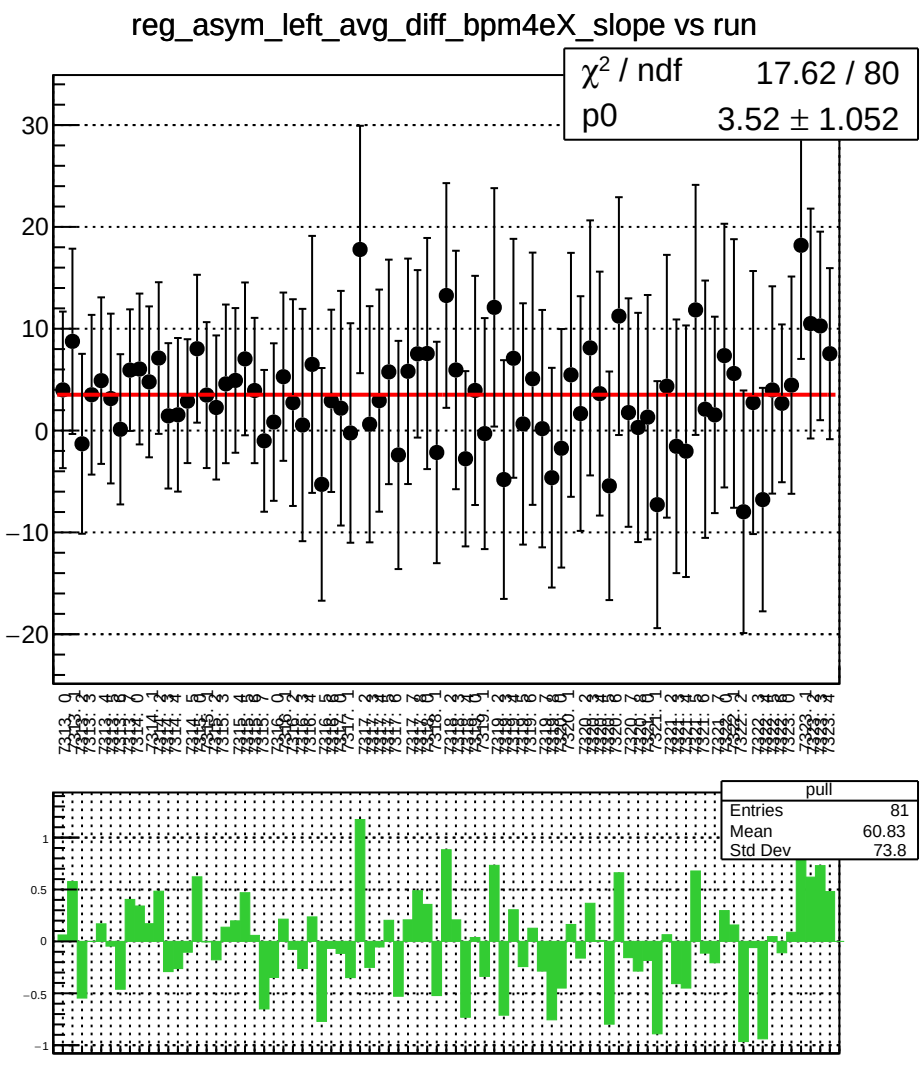

pull1D
Entries 81
Mean −0.01638
Std Dev 0.9559

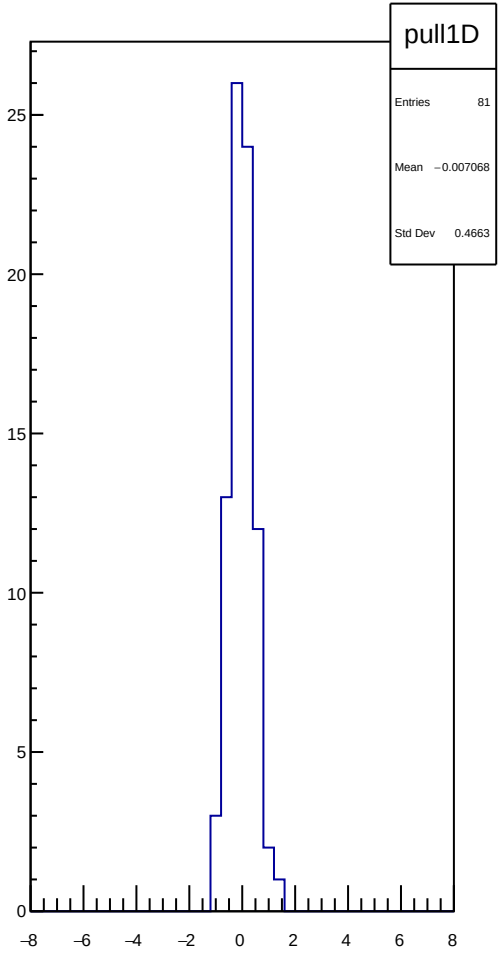

reg_asym_left_avg_diff_bpm1X_slope vs run
χ² / ndf 17.94 / 80
p0 −32.97 ± 1.057
pull
Entries 81
Mean 29.78
Std Dev 76.98

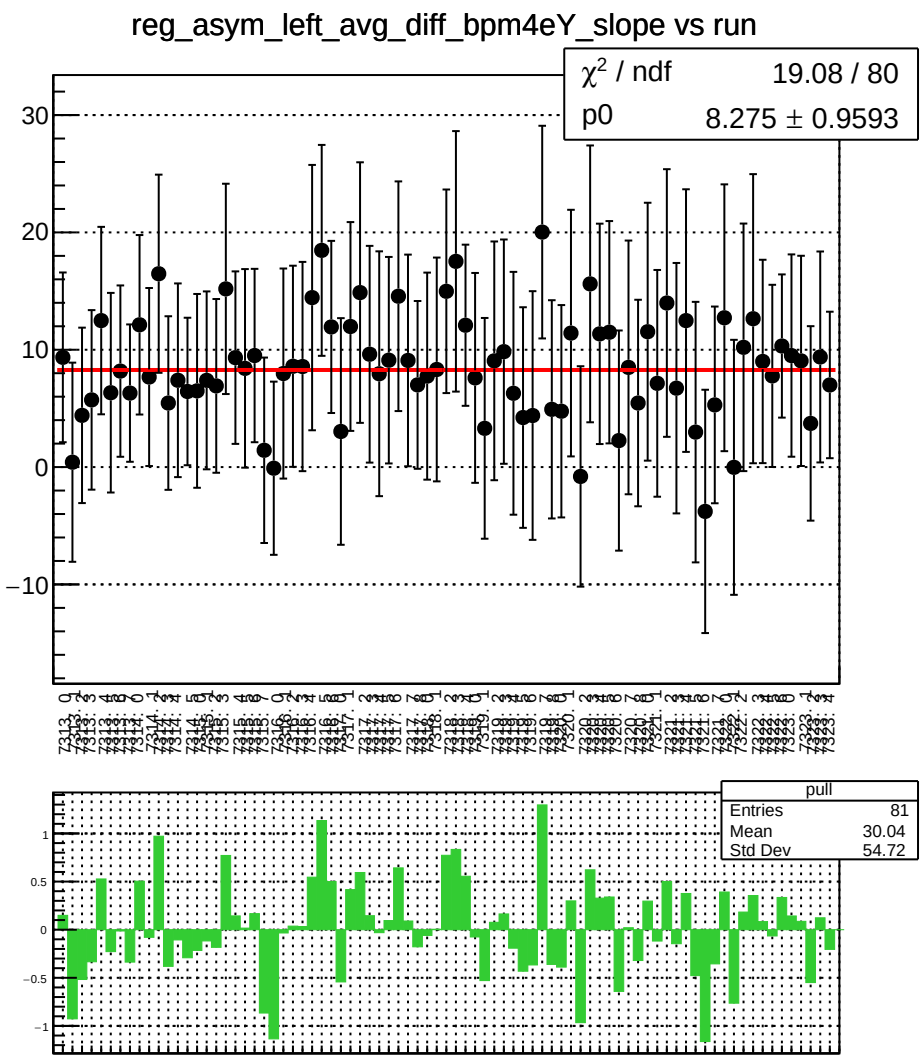

pull1D
Entries 81
Mean 0.007276
Std Dev 0.4705

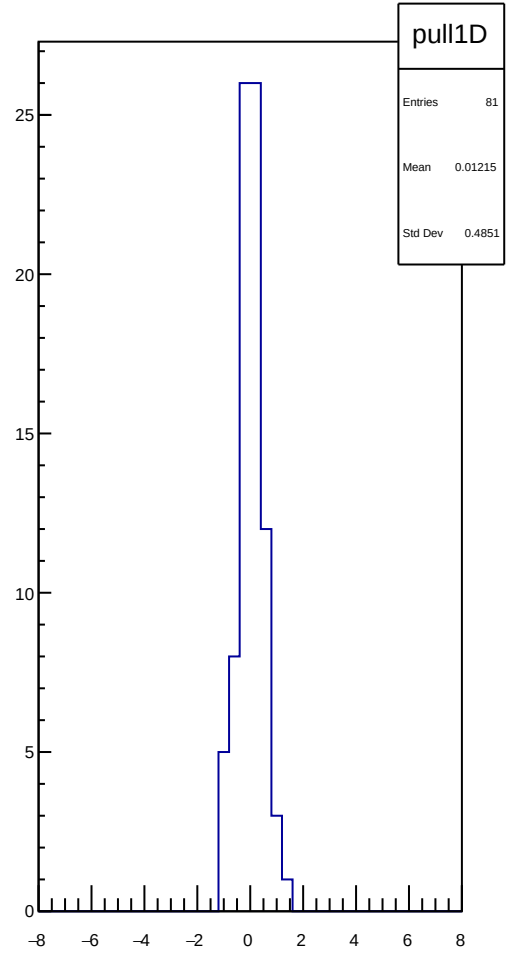

reg_asym_left_avg_diff_bpm4aY_slope vs run
χ² / ndf 19.32 / 80
p0 1.741 ± 0.8839
pull
Entries 81
Mean 70.37
Std Dev 50.24

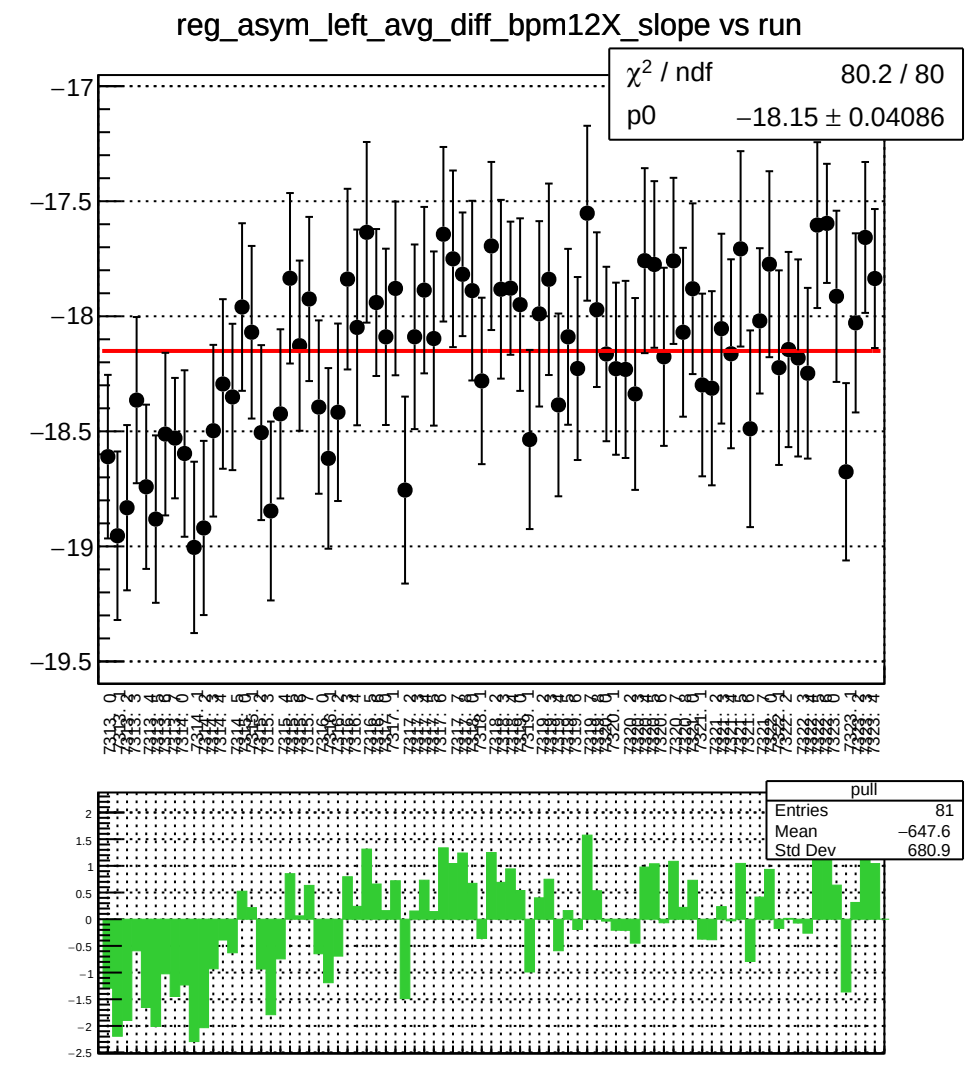

pull1D
Entries 81
Mean −0.0135
Std Dev 0.4882

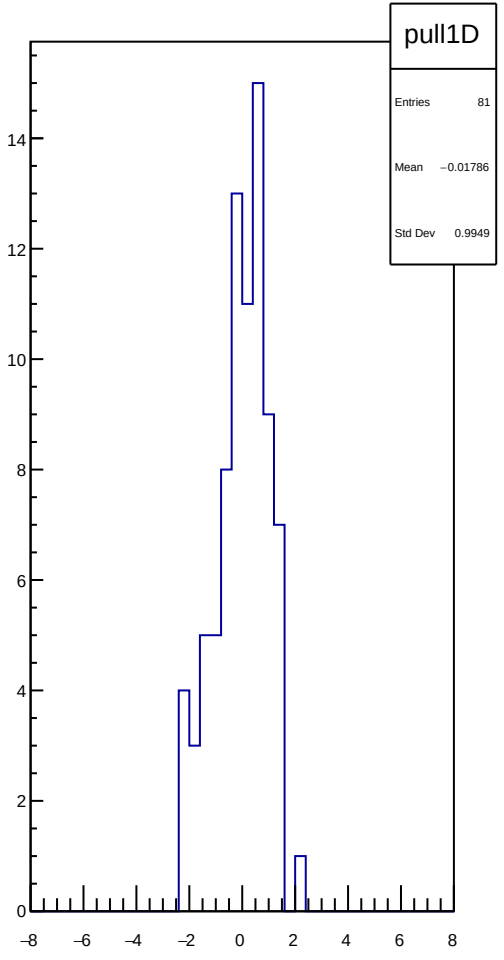

reg_asym_left_avg_diff_bpm4eX_slope vs run
χ² / ndf 17.62 / 80
p0 3.52 ± 1.052
pull
Entries 81
Mean 60.83
Std Dev 73.8

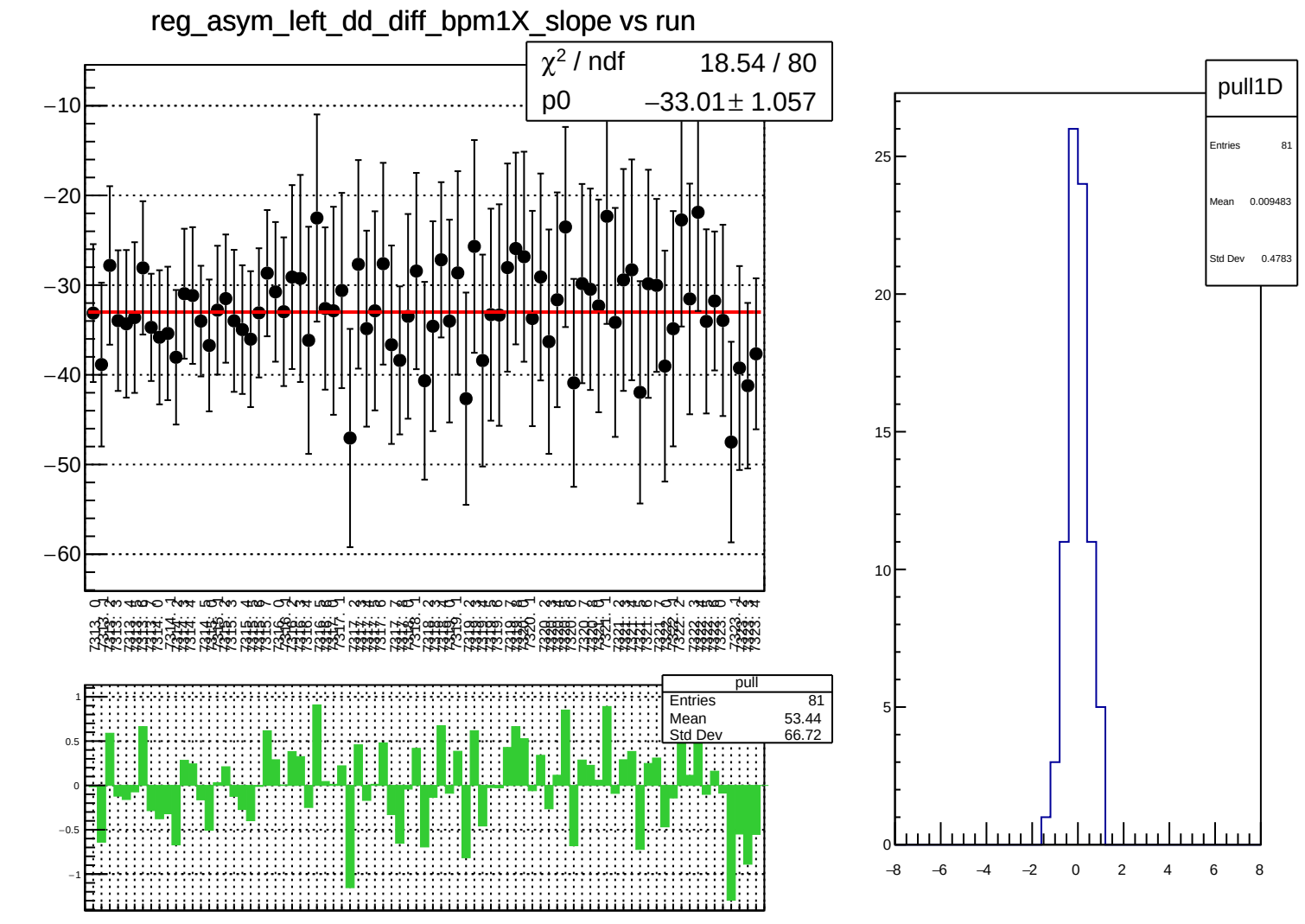

pull1D
Entries 81
Mean −0.007068
Std Dev 0.4663

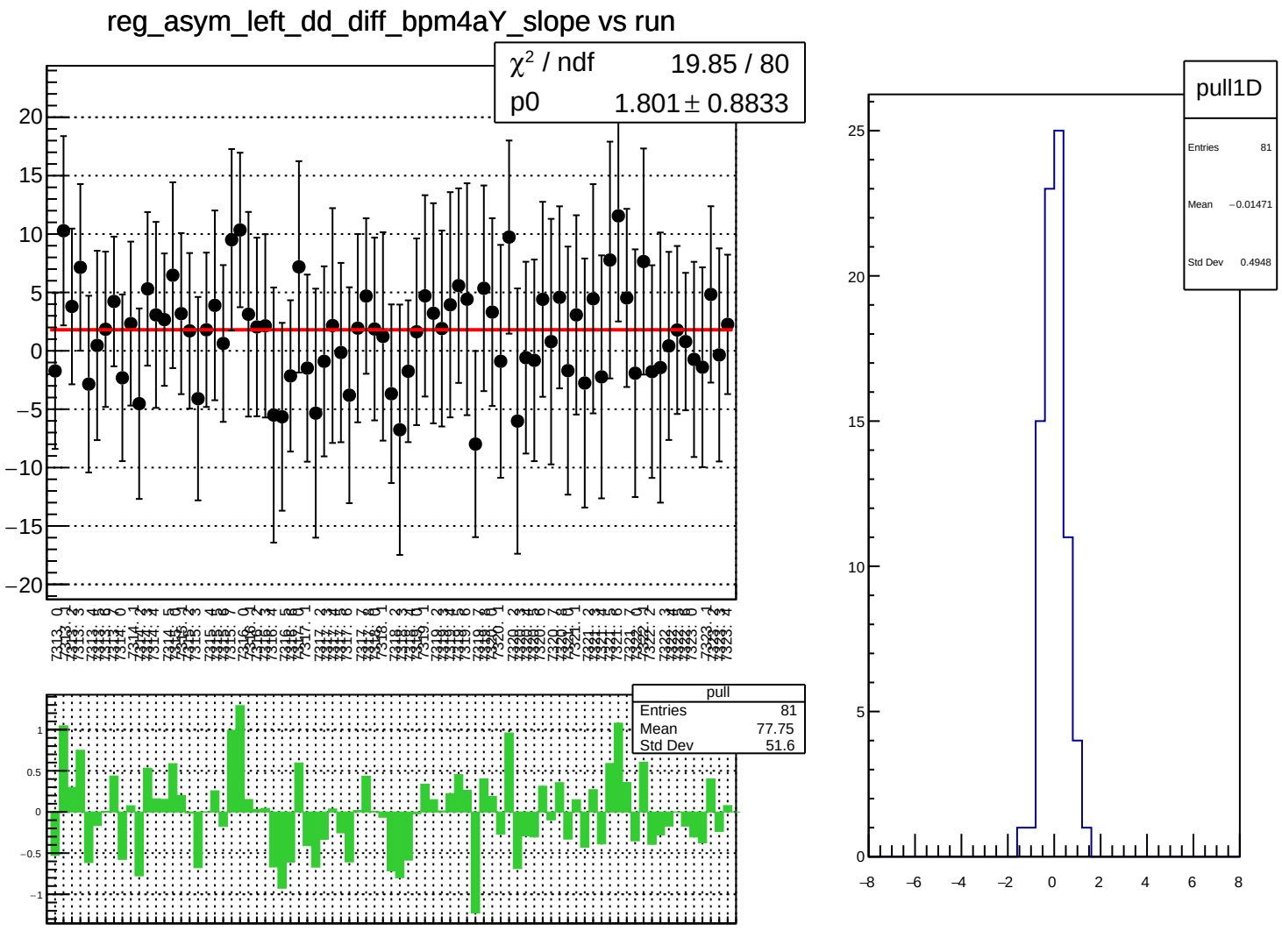

reg_asym_left_avg_diff_bpm4eY_slope vs run
χ² / ndf 19.08 / 80
p0 8.275 ± 0.9593
pull
Entries 81
Mean 30.04
Std Dev 54.72

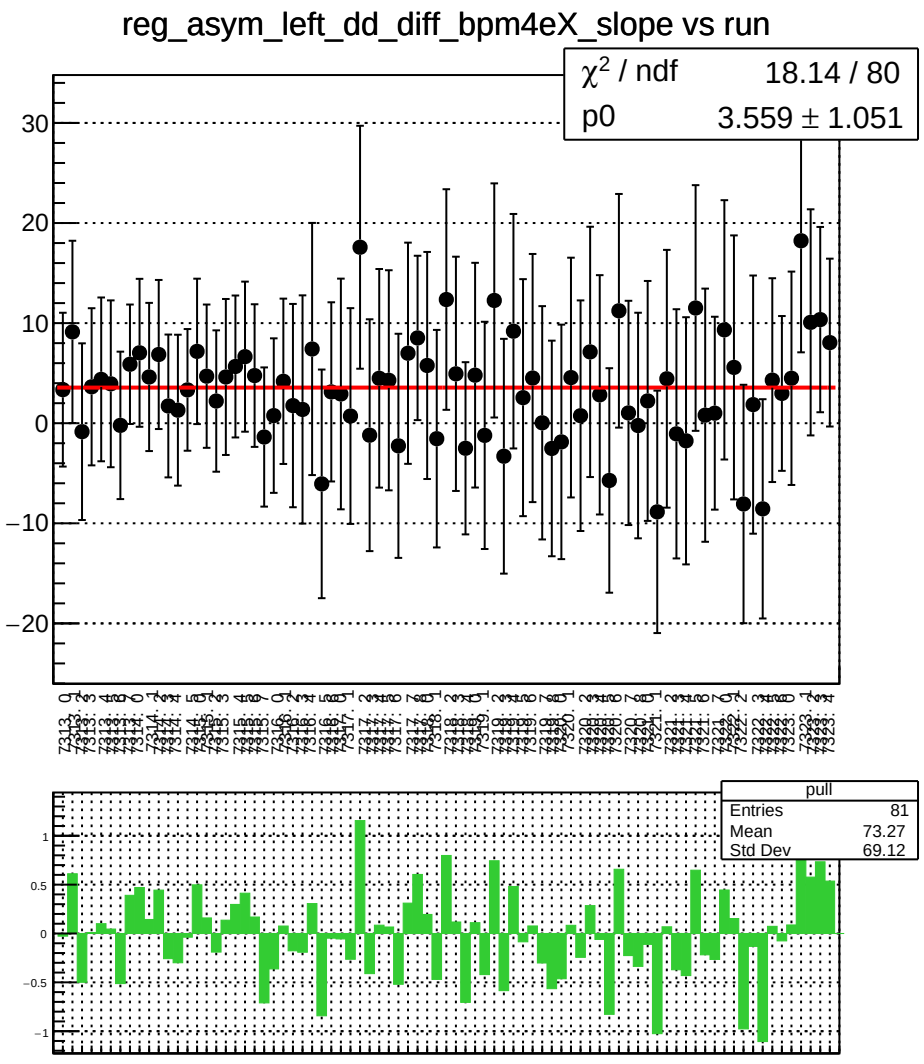

pull1D
Entries 81
Mean 0.01215
Std Dev 0.4851

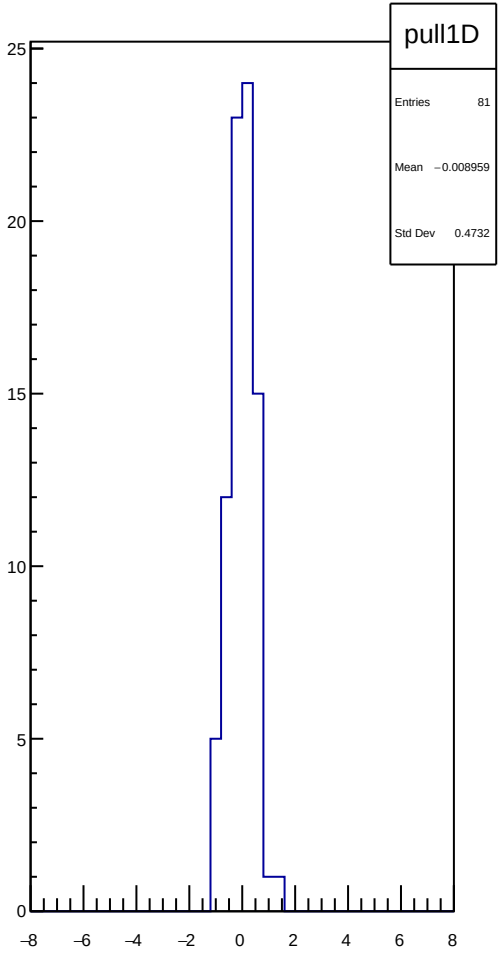

reg_asym_left_avg_diff_bpm12X_slope vs run
χ² / ndf 80.2 / 80
p0 −18.15 ± 0.04086
pull
Entries 81
Mean −647.6
Std Dev 680.9

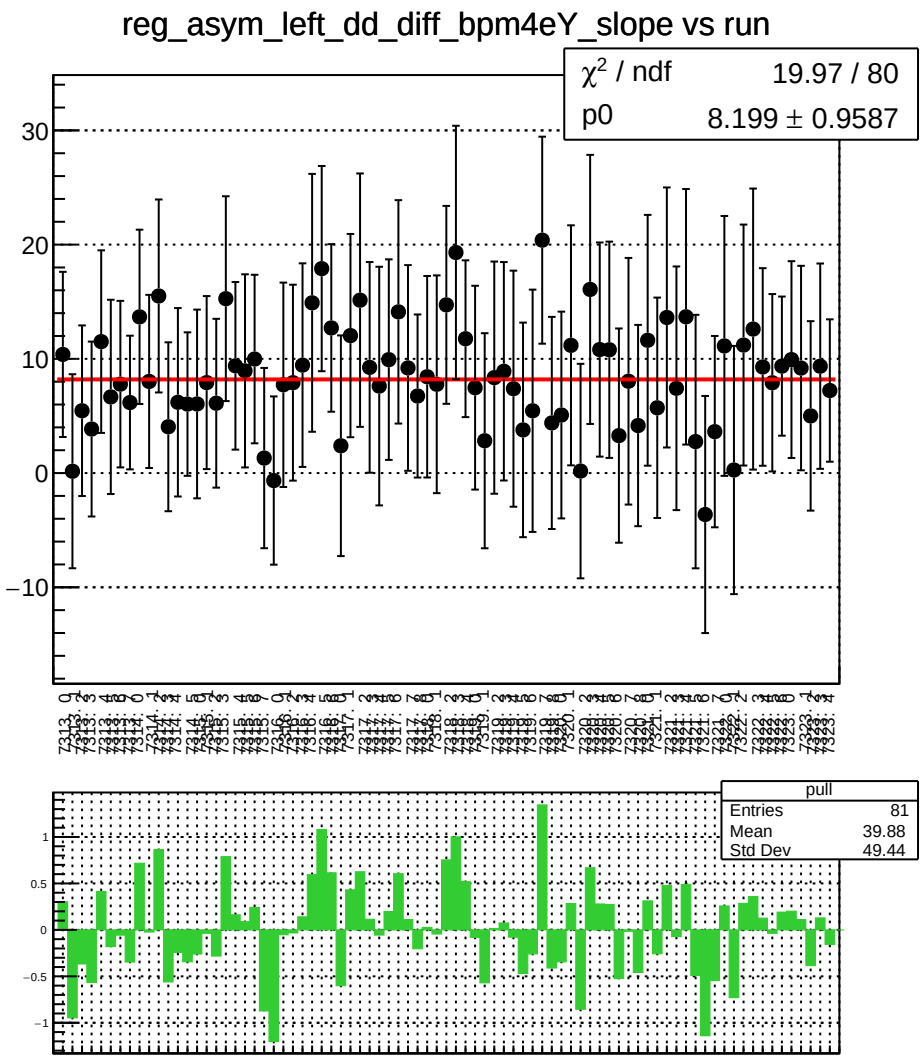

pull1D
Entries 81
Mean −0.01786
Std Dev 0.9949

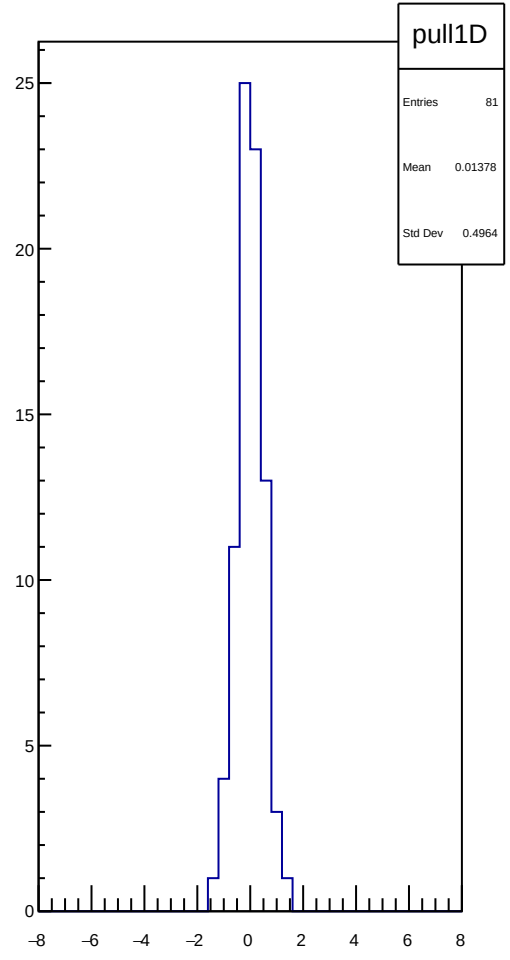

reg_asym_left_dd_diff_bpm1X_slope vs run
χ² / ndf 18.54 / 80
p0 −33.01 ± 1.057
pull
Entries 81
Mean 53.44
Std Dev 66.72
pull1D
Entries 81
Mean 0.009483
Std Dev 0.4783

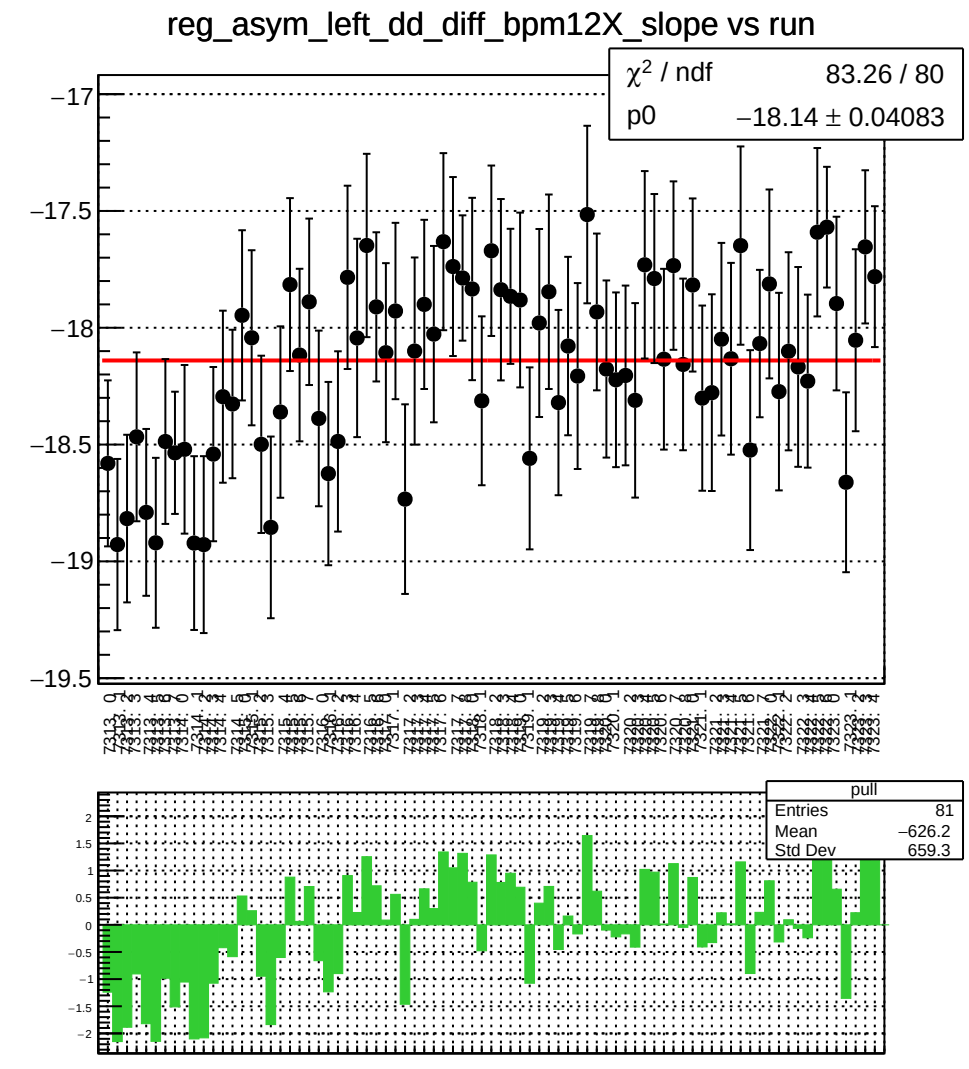

reg_asym_left_dd_diff_bpm4aY_slope vs run
χ² / ndf 19.85 / 80
p0 1.801 ± 0.8833
pull
Entries 81
Mean 77.75
Std Dev 51.6
pull1D
Entries 81
Mean −0.01471
Std Dev 0.4948

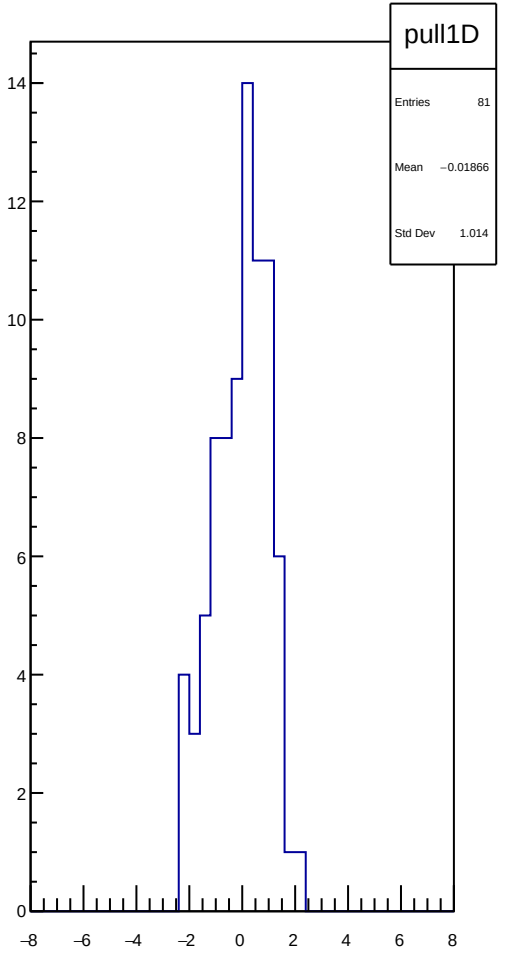

reg_asym_left_dd_diff_bpm4eX_slope vs run
χ² / ndf 18.14 / 80
p0 3.559 ± 1.051
pull
Entries 81
Mean 73.27
Std Dev 69.12

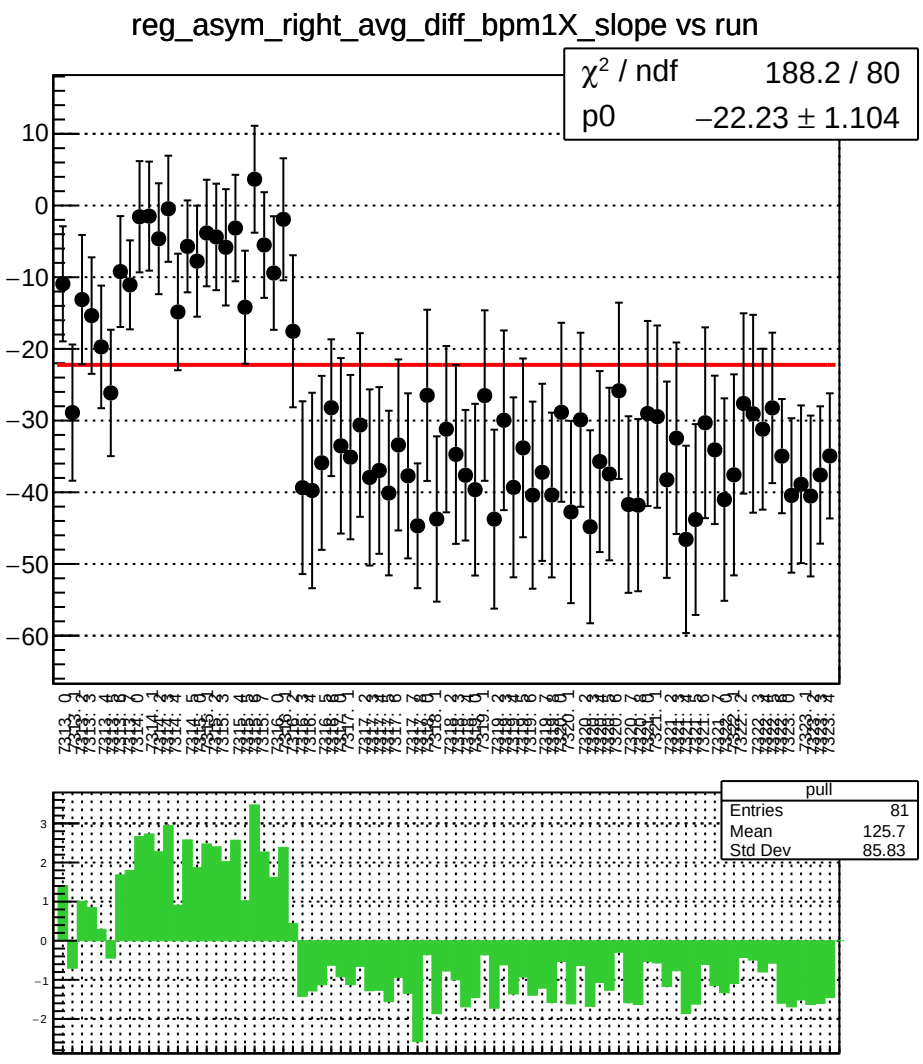

pull1D
Entries 81
Mean −0.008959
Std Dev 0.4732

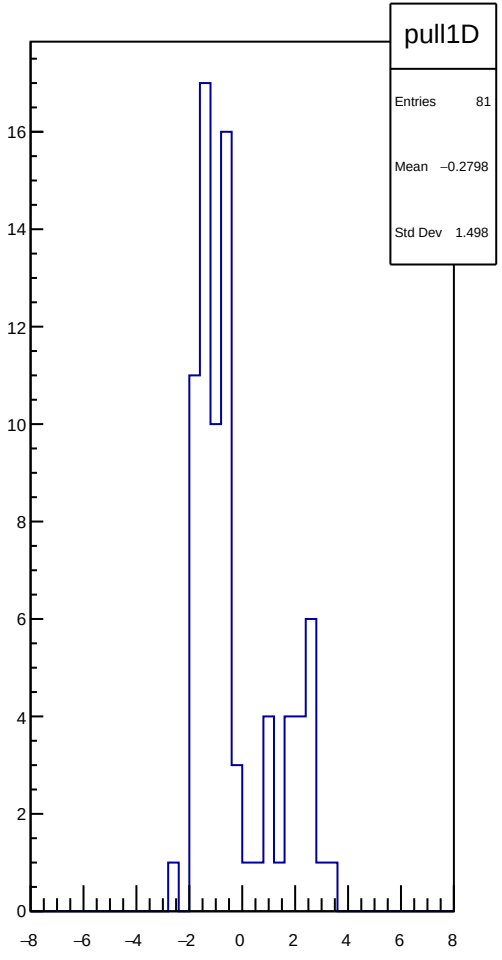

reg_asym_left_dd_diff_bpm4eY_slope vs run
χ² / ndf 19.97 / 80
p0 8.199 ± 0.9587
pull
Entries 81
Mean 39.88
Std Dev 49.44

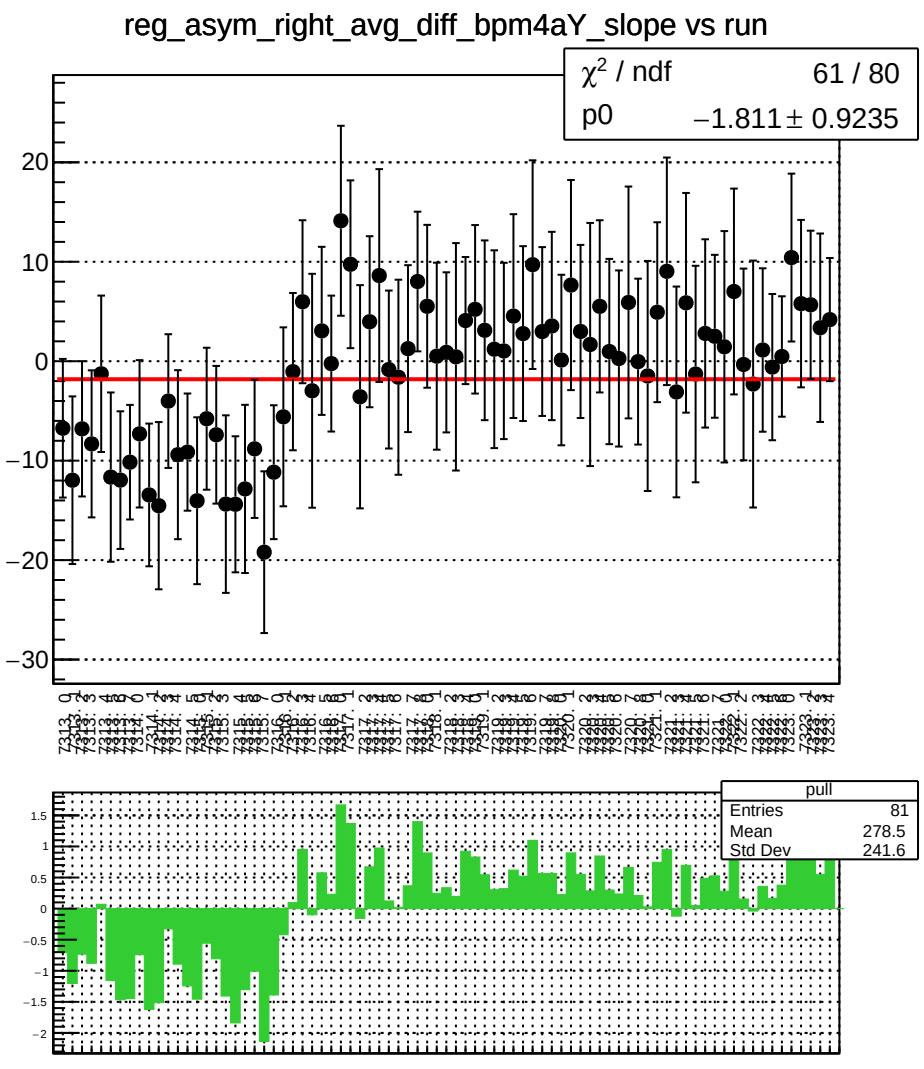

pull1D
Entries 81
Mean 0.01378
Std Dev 0.4964

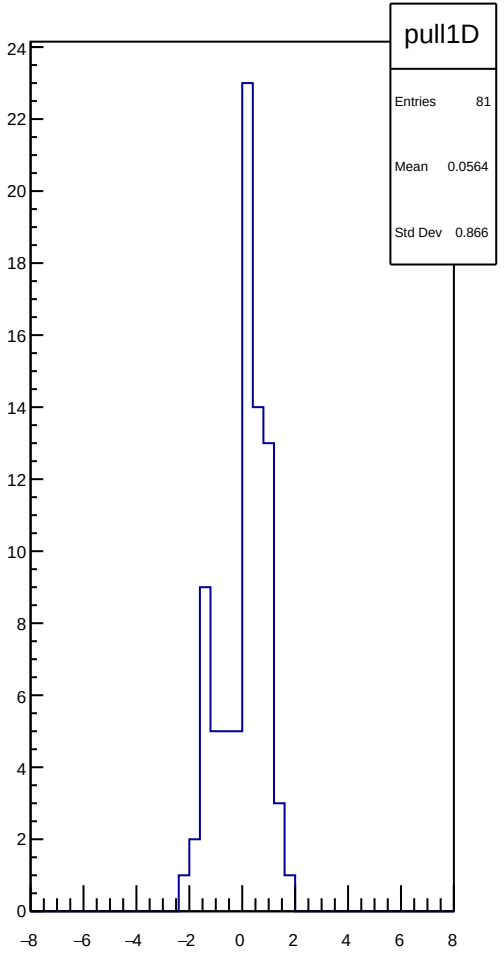

reg_asym_left_dd_diff_bpm12X_slope vs run
χ² / ndf 83.26 / 80
p0 −18.14 ± 0.04083
pull
Entries 81
Mean −626.2
Std Dev 659.3

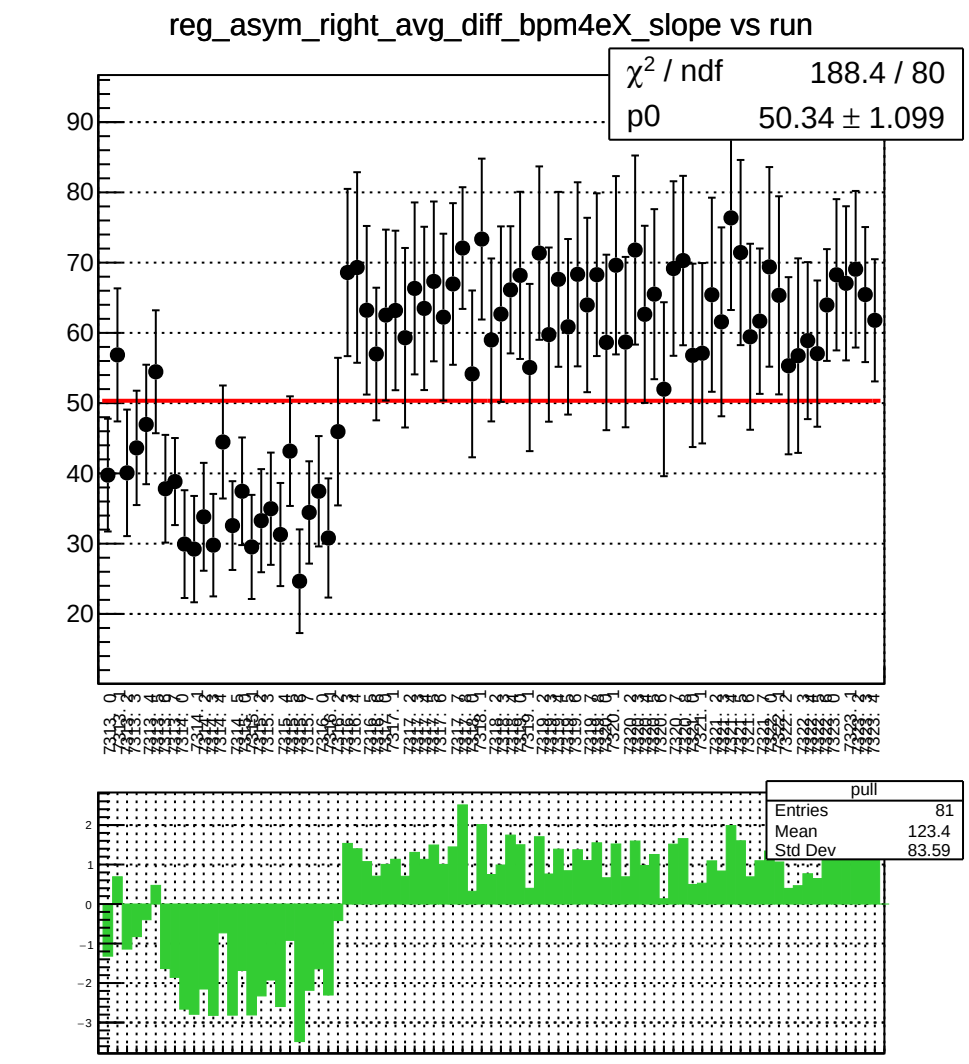

pull1D
Entries 81
Mean −0.01866
Std Dev 1.014

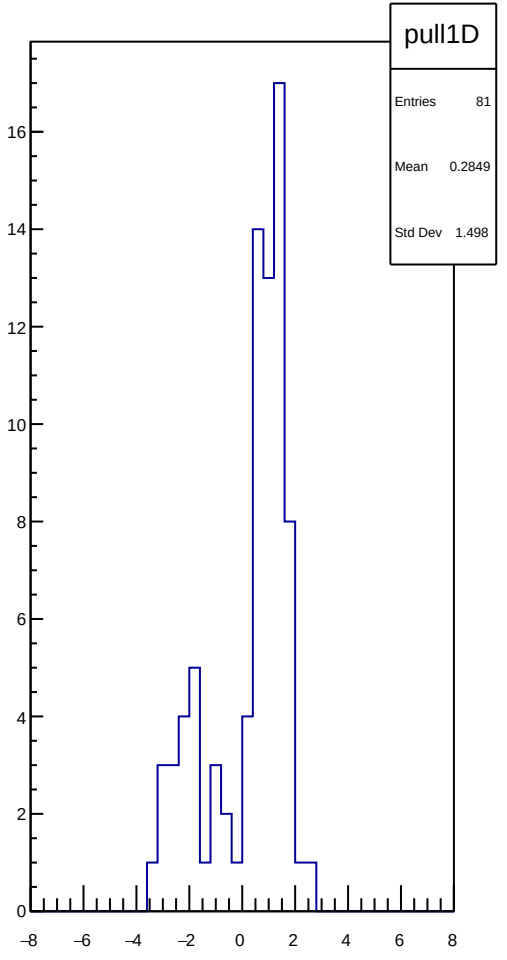

reg_asym_right_avg_diff_bpm1X_slope vs run
χ² / ndf 188.2 / 80
p0 −22.23 ± 1.104
pull
Entries 81
Mean 125.7
Std Dev 85.83

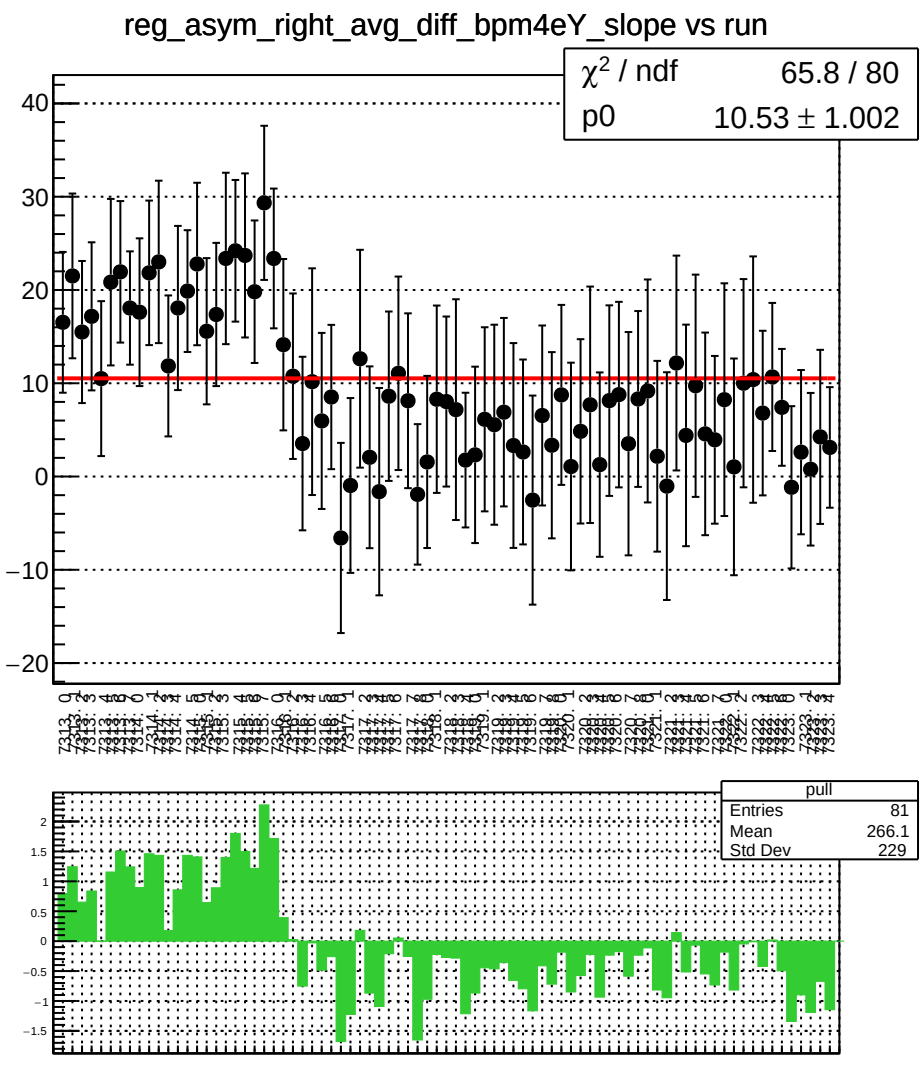

pull1D
Entries 81
Mean −0.2798
Std Dev 1.498

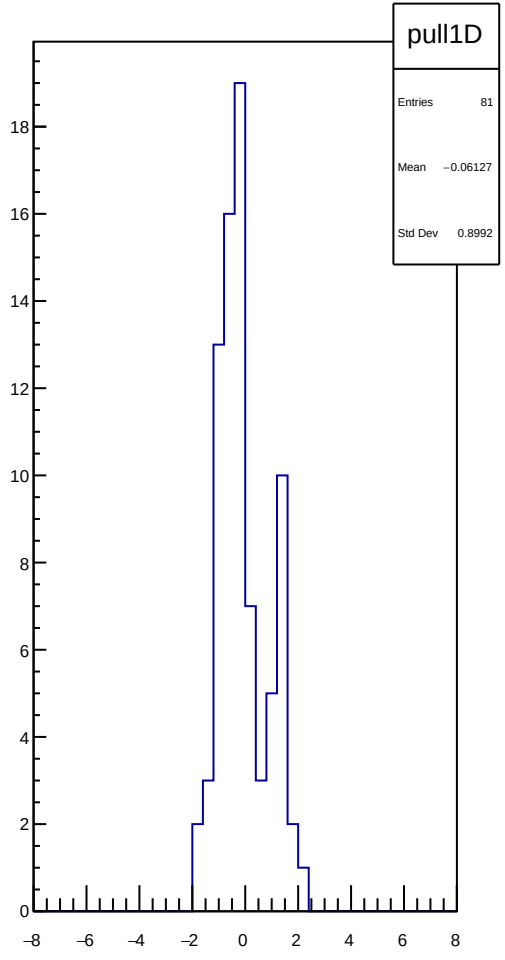

reg_asym_right_avg_diff_bpm4aY_slope vs run
χ² / ndf 61 / 80
p0 −1.811 ± 0.9235
pull
Entries 81
Mean 278.5
Std Dev 241.6

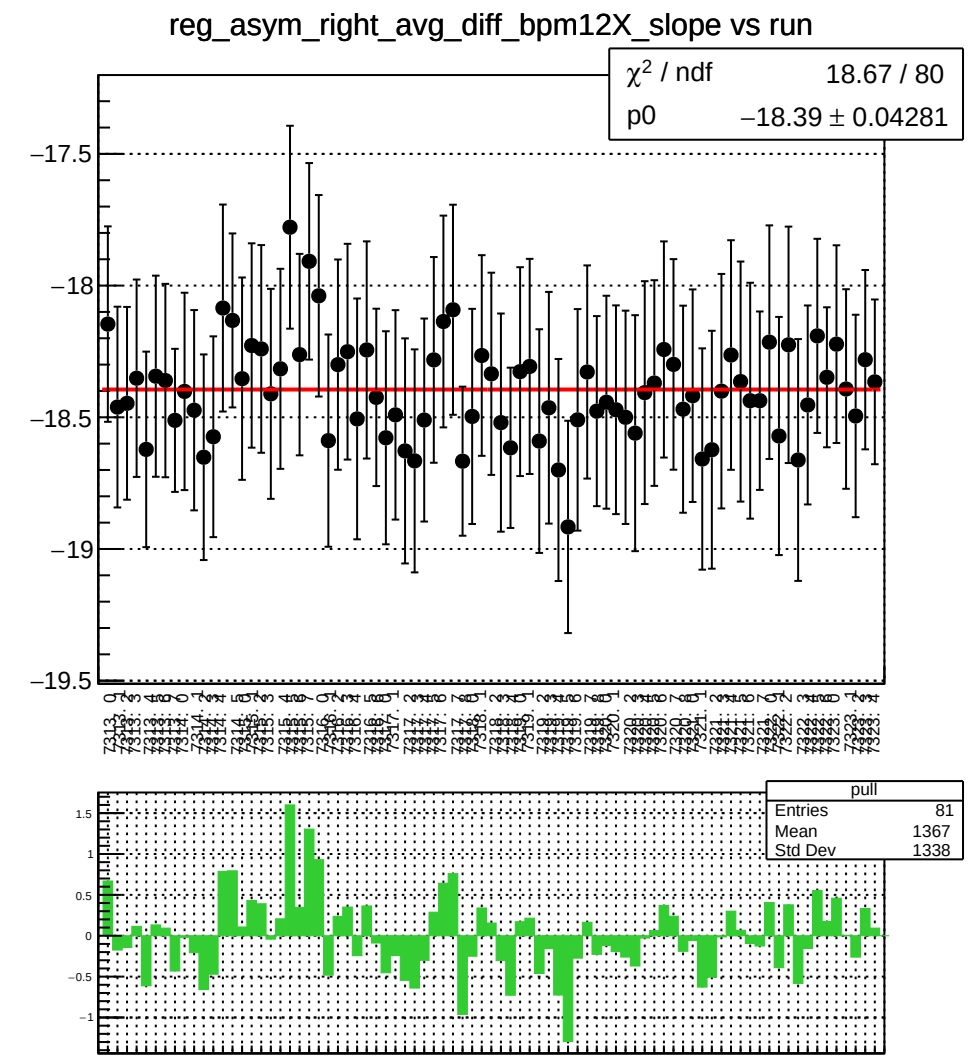

pull1D
Entries 81
Mean 0.0564
Std Dev 0.866

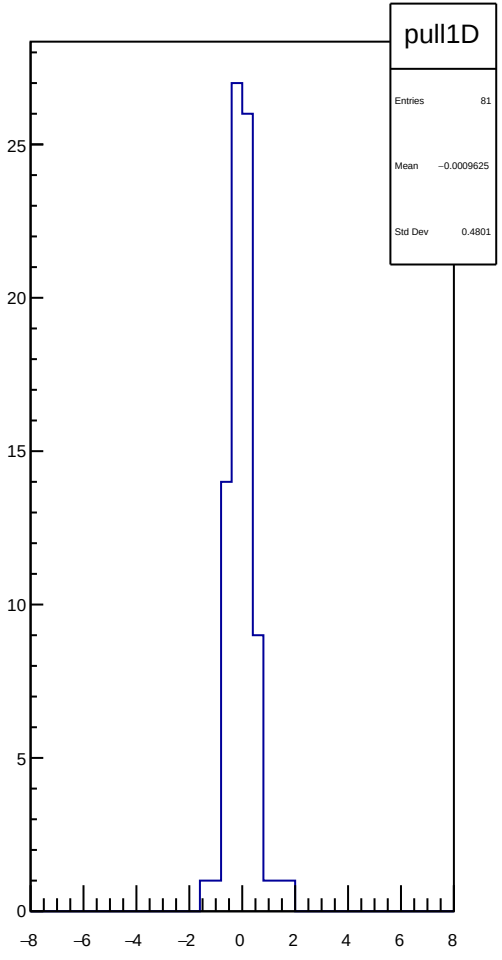

reg_asym_right_avg_diff_bpm4eX_slope vs run
χ² / ndf 188.4 / 80
p0 50.34 ± 1.099
pull
Entries 81
Mean 123.4
Std Dev 83.59

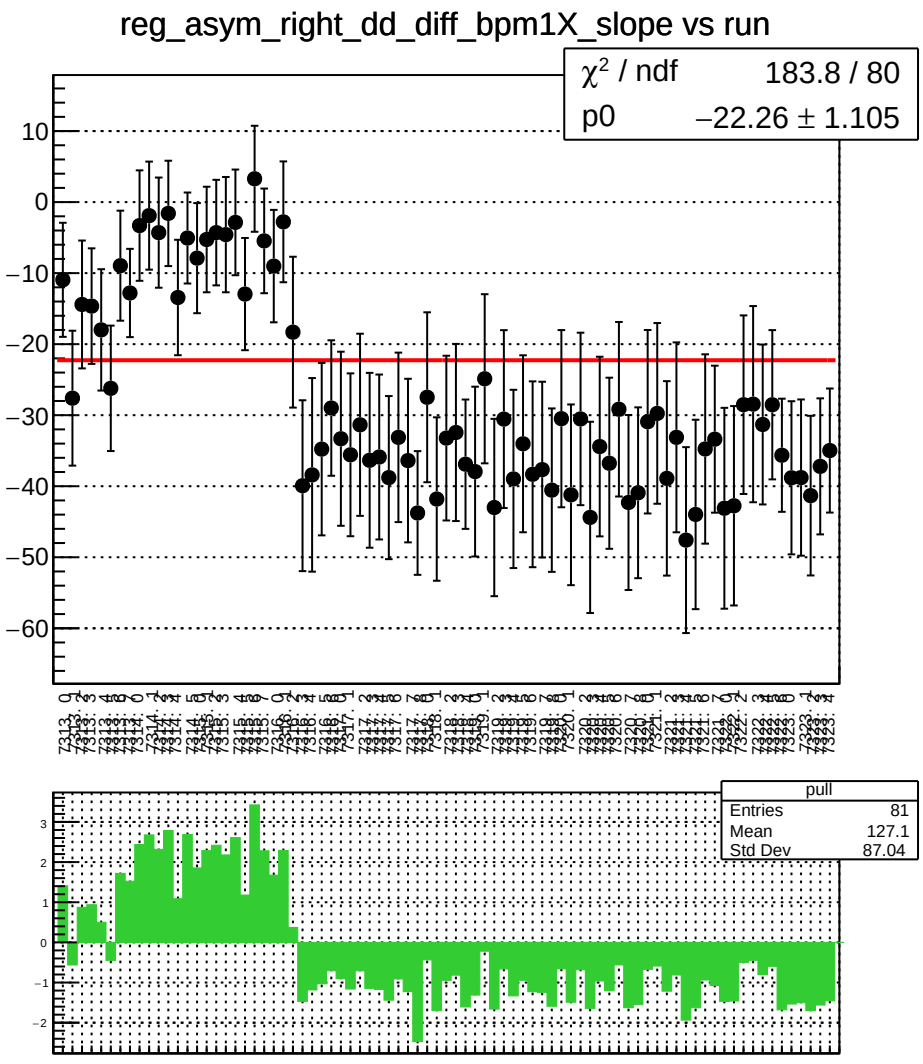

pull1D
Entries 81
Mean 0.2849
Std Dev 1.498

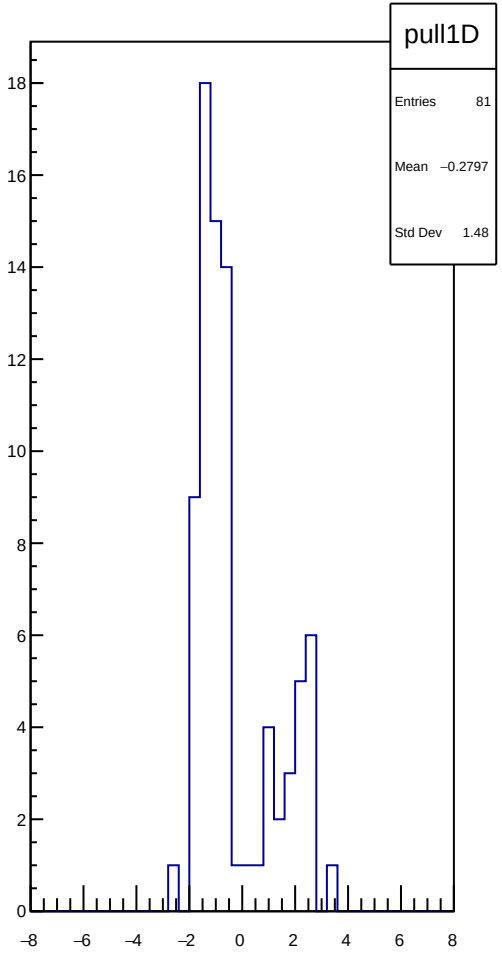

reg_asym_right_avg_diff_bpm4eY_slope vs run
χ² / ndf 65.8 / 80
p0 10.53 ± 1.002
pull
Entries 81
Mean 266.1
Std Dev 229

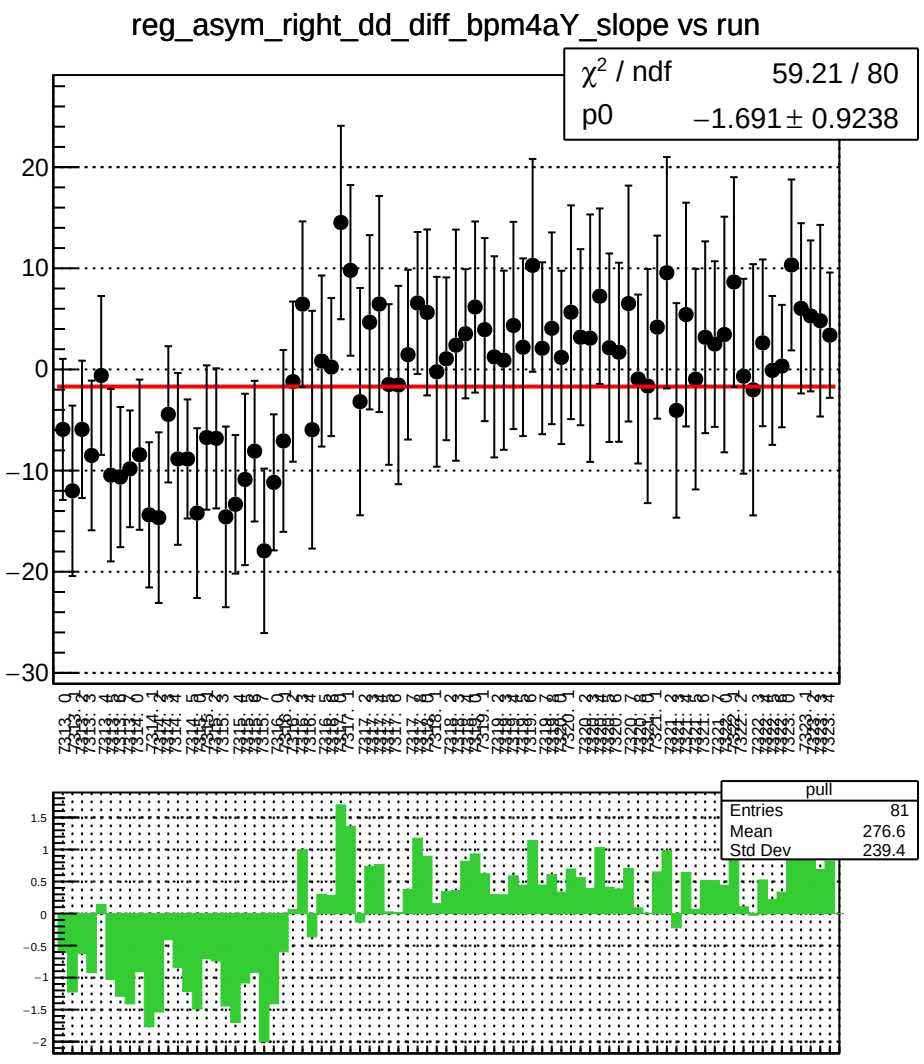

pull1D
Entries 81
Mean −0.06127
Std Dev 0.8992

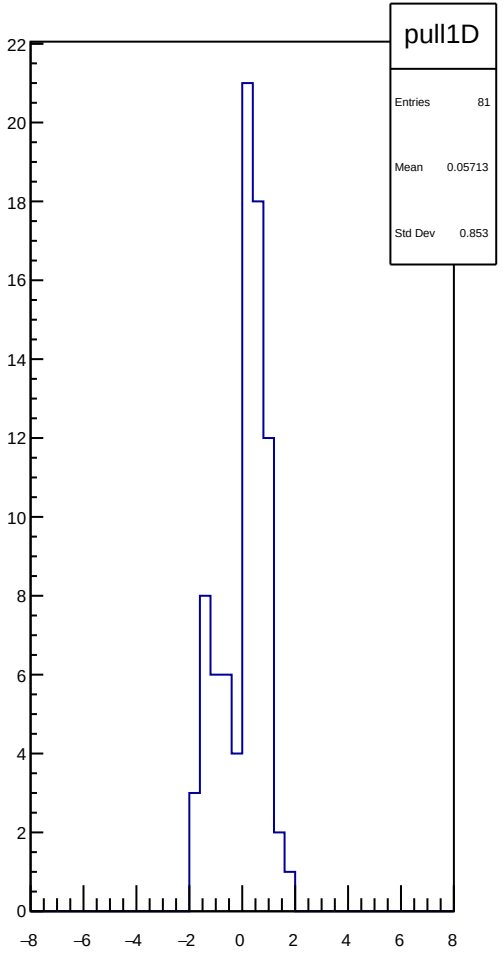

reg_asym_right_avg_diff_bpm12X_slope vs run
χ² / ndf 18.67 / 80
p0 −18.39 ± 0.04281
−17.5
−18
−18.5
−19
−19.5
pull
Entries 81
Mean 1367
Std Dev 1338
1.5
1
0.5
0
−0.5
−1

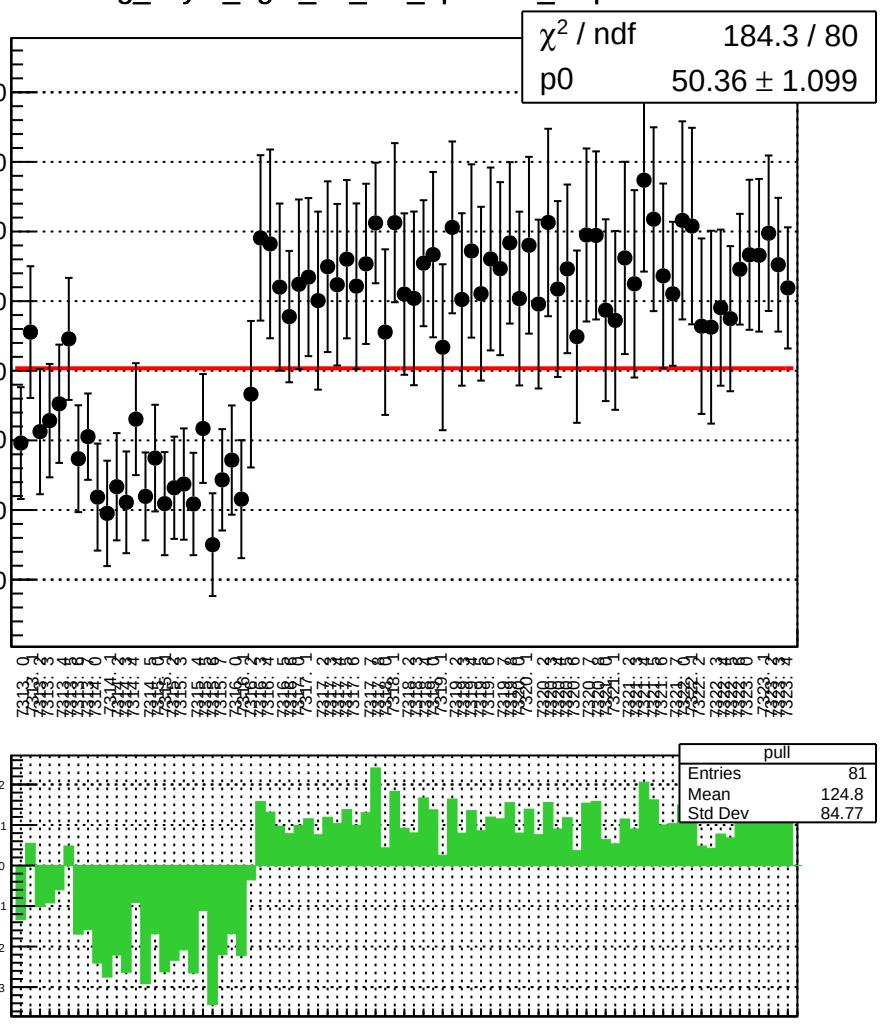

pull1D
Entries 81
Mean −0.0009625
Std Dev 0.4801
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

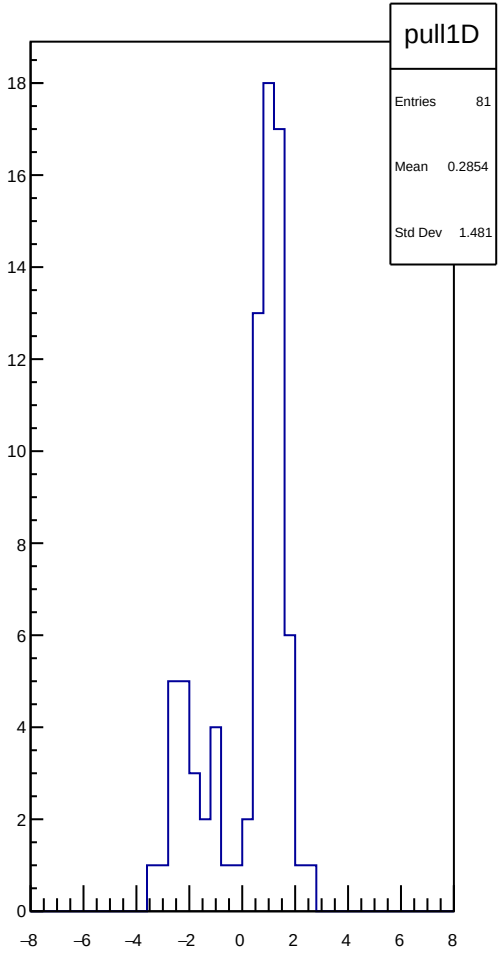

reg_asym_right_dd_diff_bpm1X_slope vs run
χ² / ndf 183.8 / 80
p0 −22.26 ± 1.105
pull
Entries 81
Mean 127.1
Std Dev 87.04

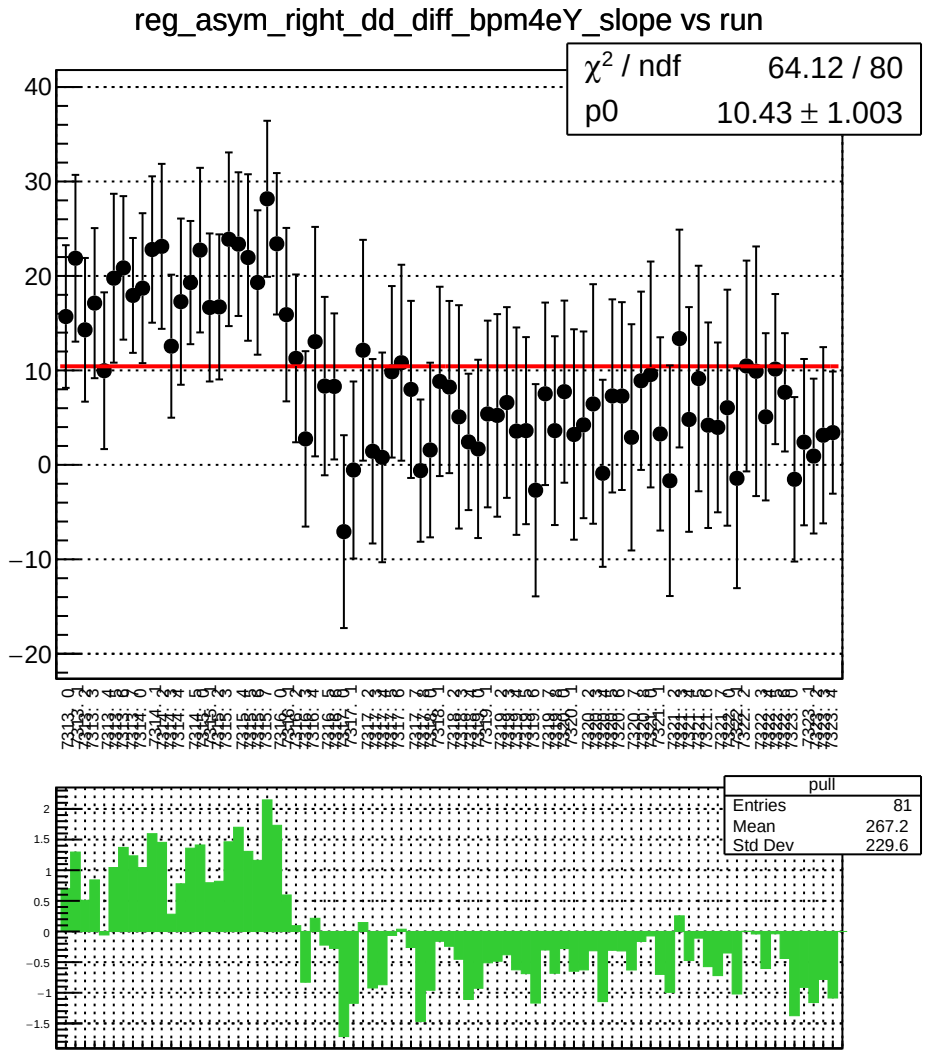

pull1D
Entries 81
Mean −0.2797
Std Dev 1.48

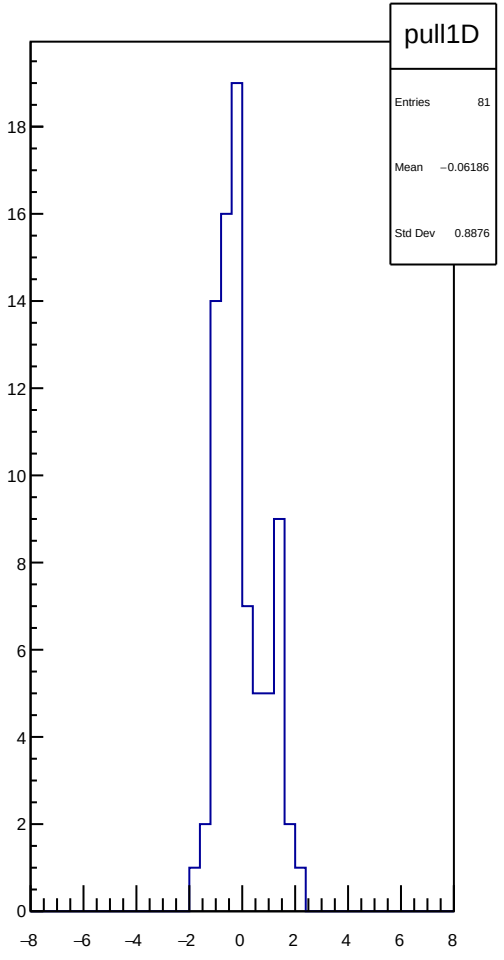

reg_asym_right_dd_diff_bpm4aY_slope vs run
χ² / ndf 59.21 / 80
p0 −1.691 ± 0.9238
pull
Entries 81
Mean 276.6
Std Dev 239.4

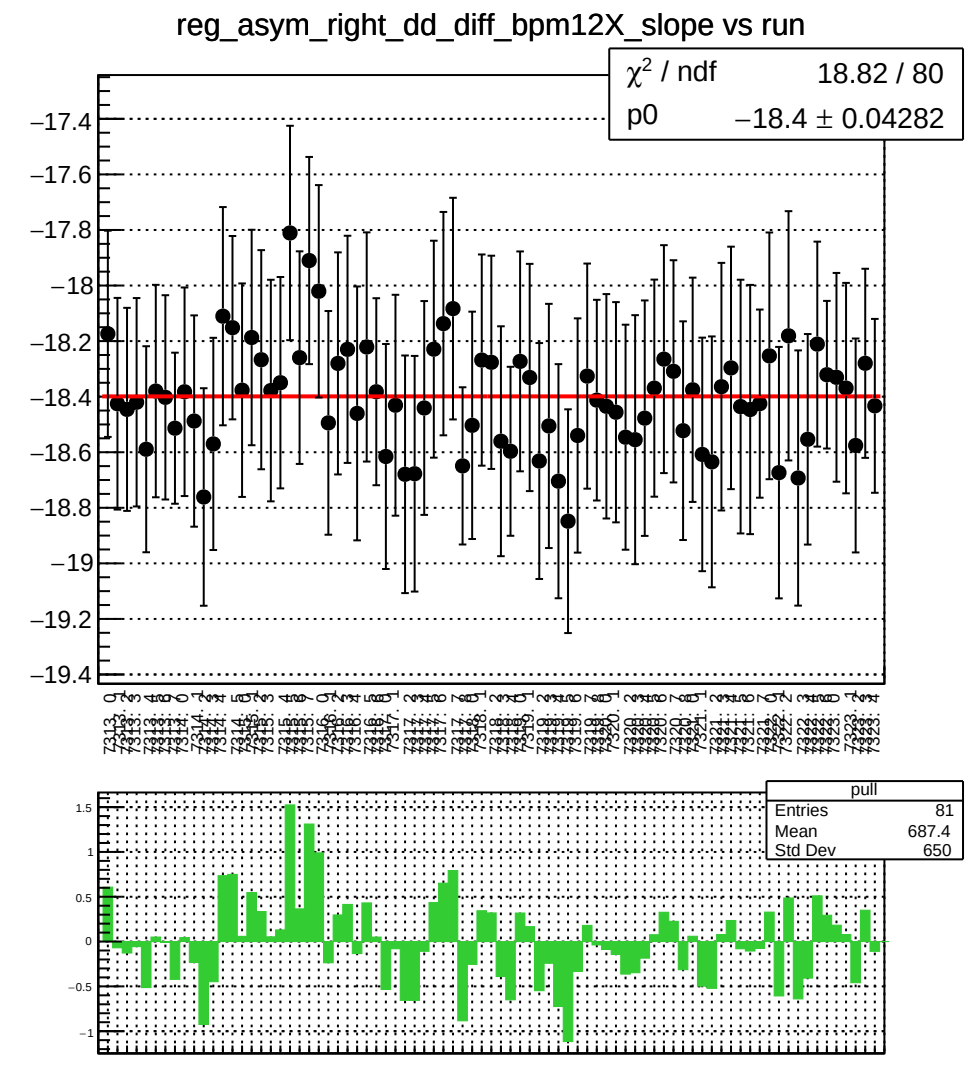

pull1D
Entries 81
Mean 0.05713
Std Dev 0.853

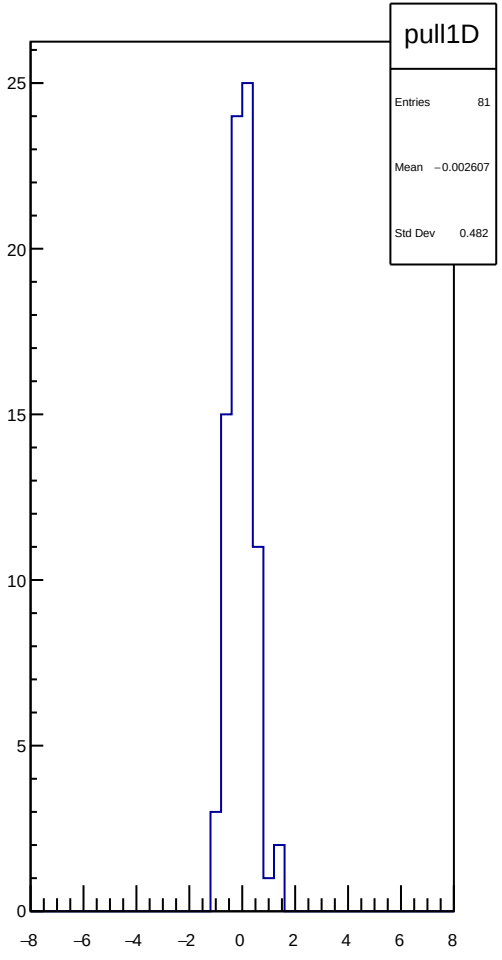

reg_asym_right_dd_diff_bpm4eX_slope vs run
χ² / ndf 184.3 / 80
p0 50.36 ± 1.099
pull
Entries 81
Mean 124.8
Std Dev 84.77

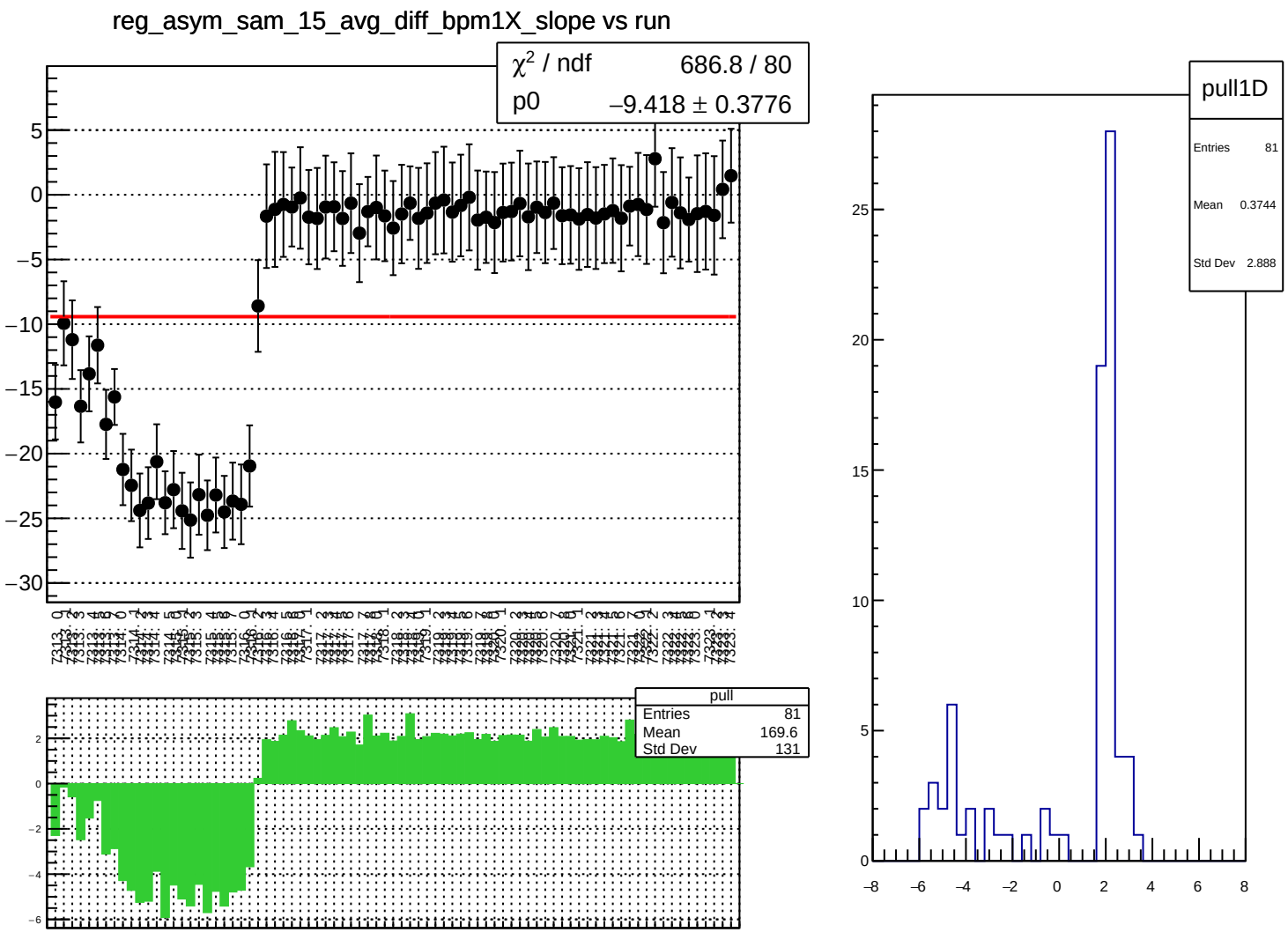

pull1D
Entries 81
Mean 0.2854
Std Dev 1.481

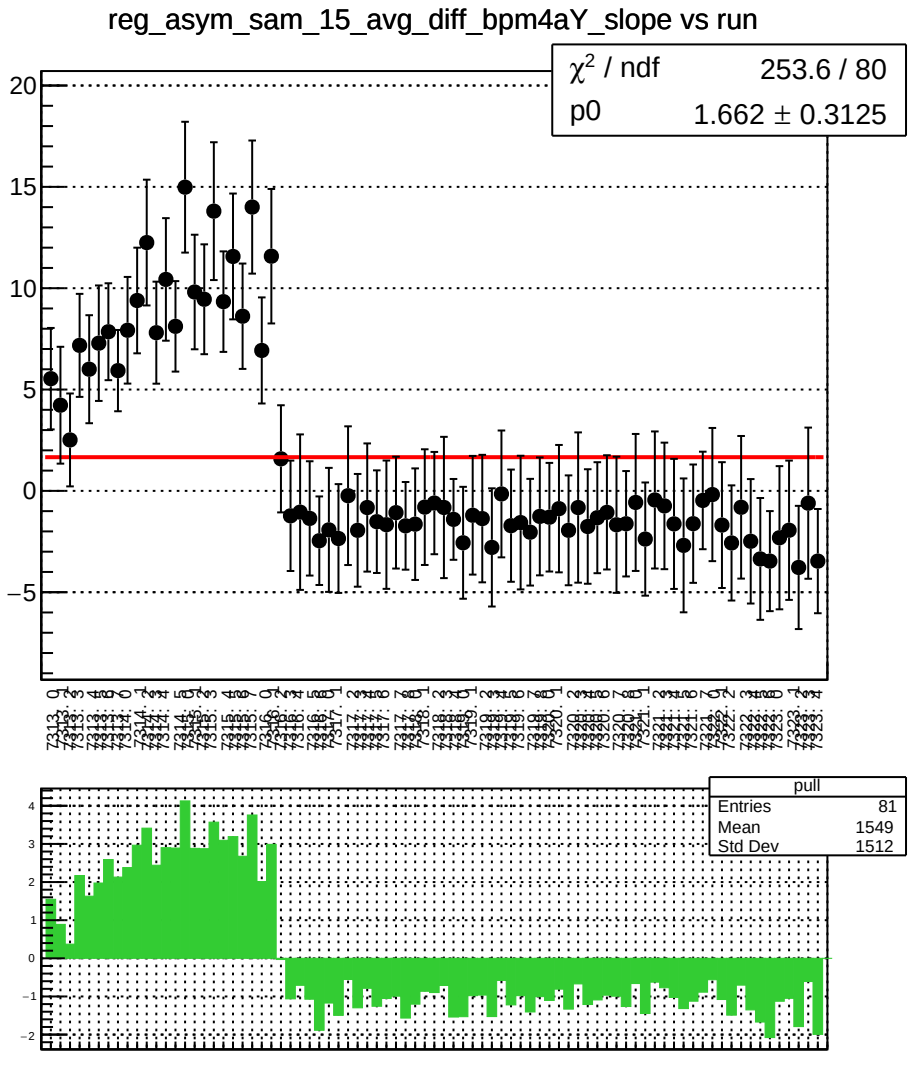

reg_asym_right_dd_diff_bpm4eY_slope vs run
χ² / ndf 64.12 / 80
p0 10.43 ± 1.003
pull
Entries 81
Mean 267.2
Std Dev 229.6

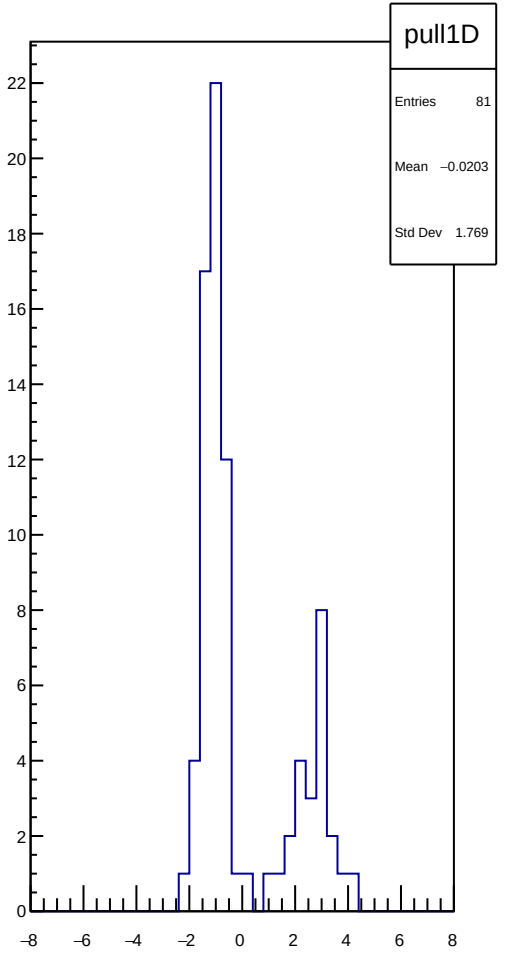

pull1D
Entries 81
Mean −0.06186
Std Dev 0.8876

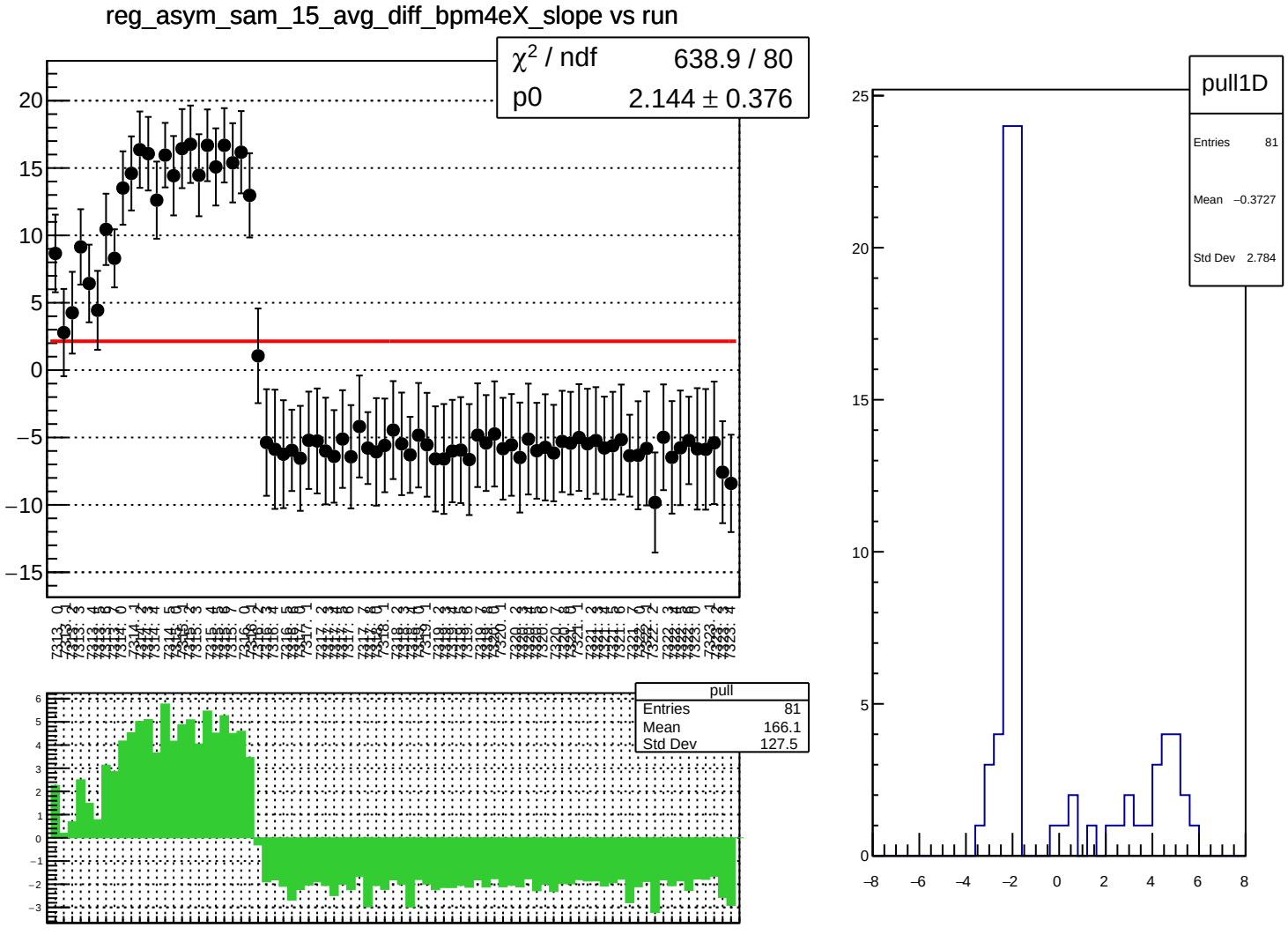

reg_asym_right_dd_diff_bpm12X_slope vs run
χ² / ndf 18.82 / 80
p0 −18.4 ± 0.04282
pull
Entries 81
Mean 687.4
Std Dev 650

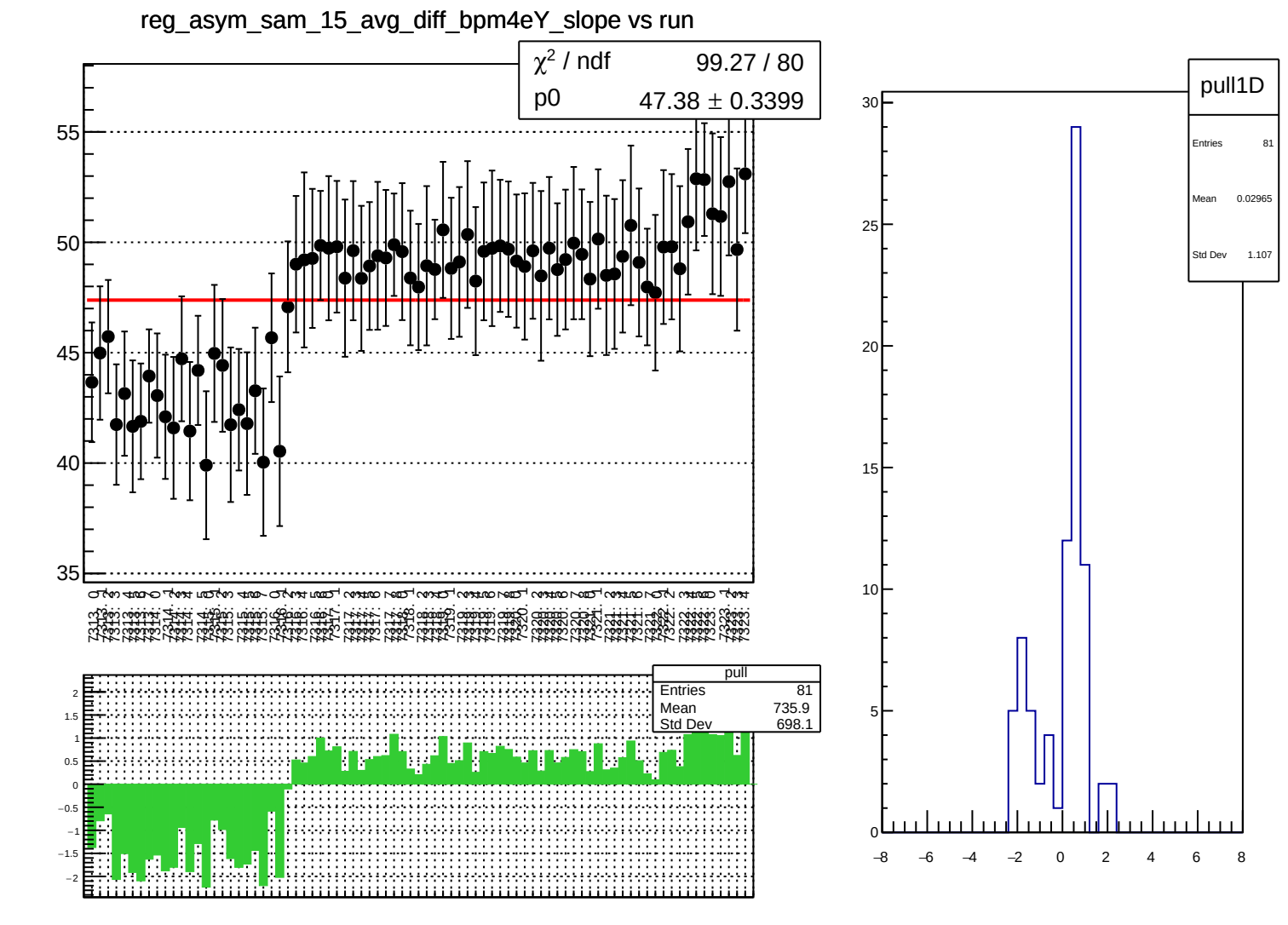

pull1D
Entries 81
Mean −0.002607
Std Dev 0.482

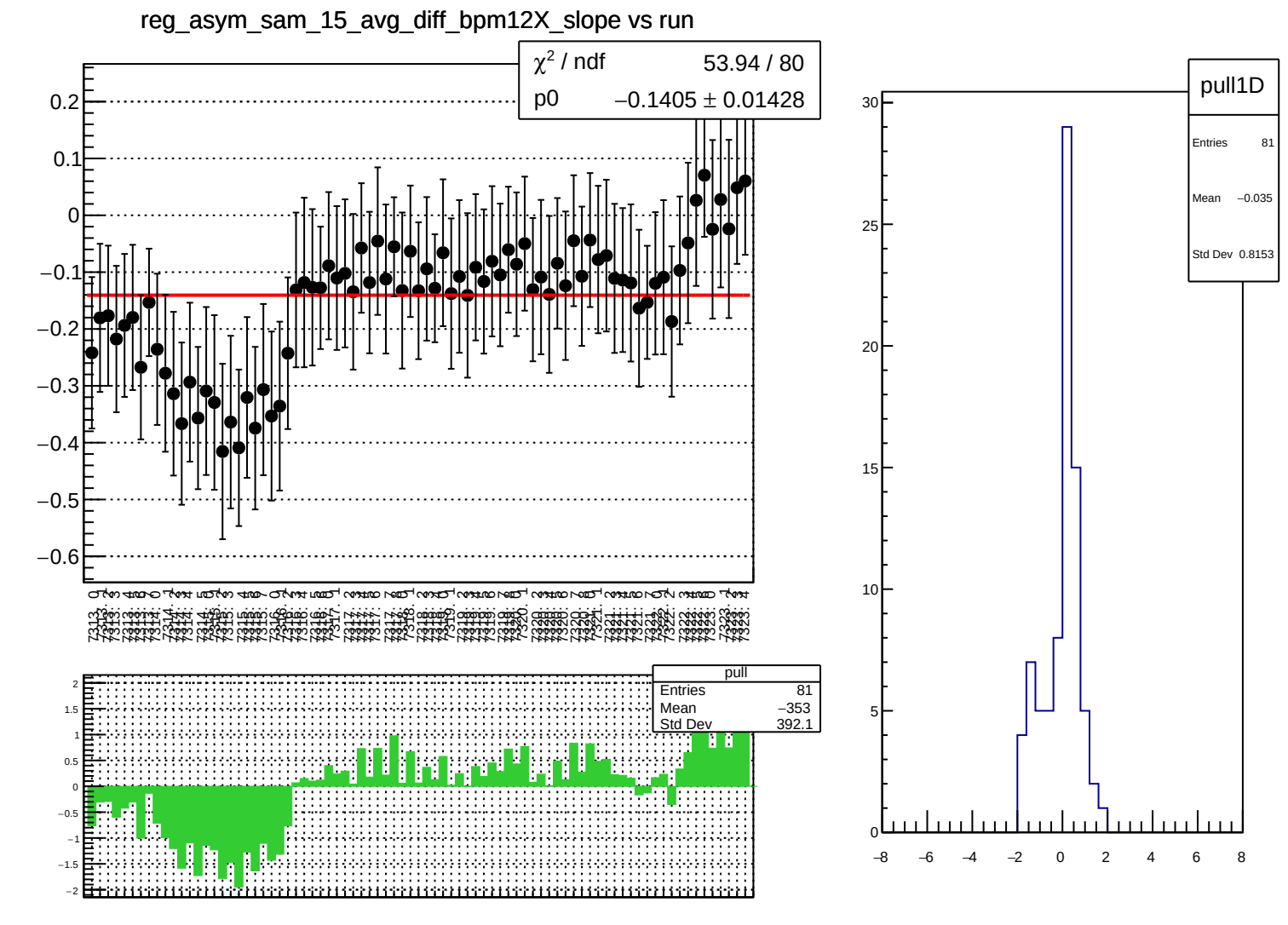

reg_asym_sam_15_avg_diff_bpm1X_slope vs run
χ² / ndf 686.8 / 80
p0 −9.418 ± 0.3776
pull
Entries 81
Mean 169.6
Std Dev 131
pull1D
Entries 81
Mean 0.3744
Std Dev 2.888

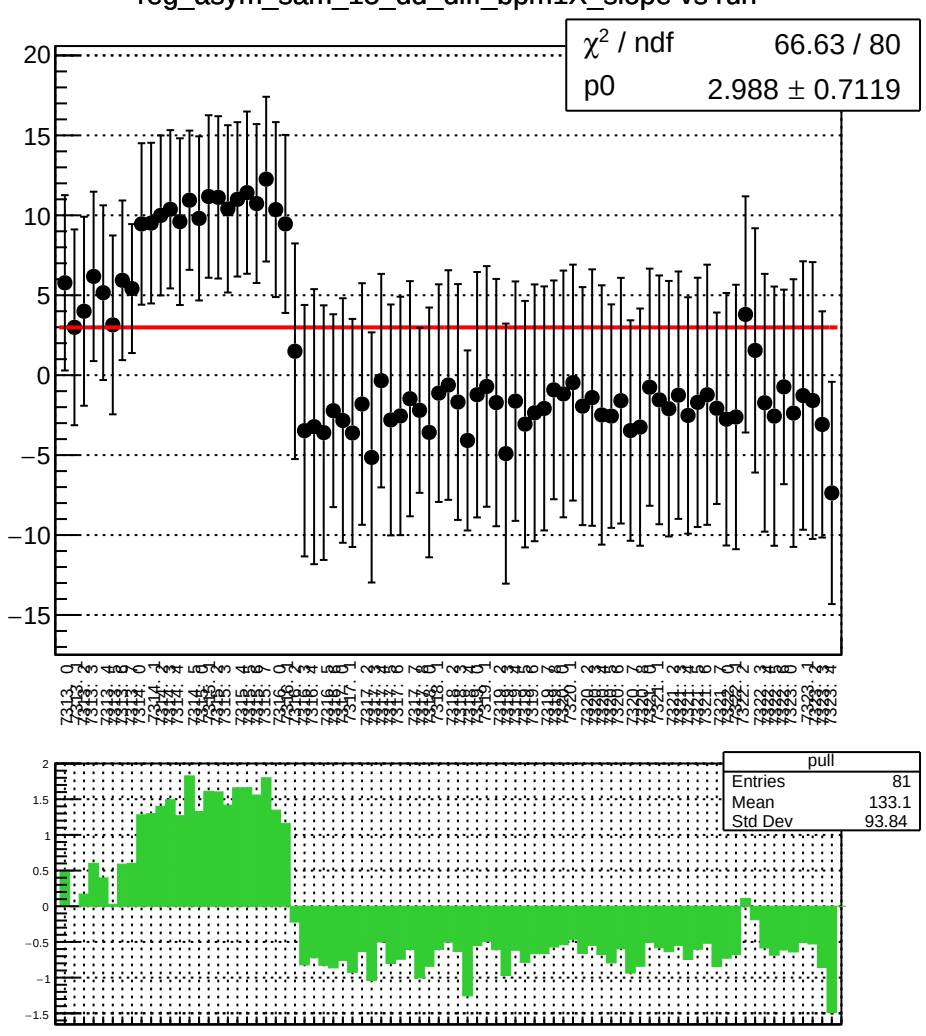

reg_asym_sam_15_avg_diff_bpm4aY_slope vs run
χ² / ndf 253.6 / 80
p0 1.662 ± 0.3125
pull
Entries 81
Mean 1549
Std Dev 1512

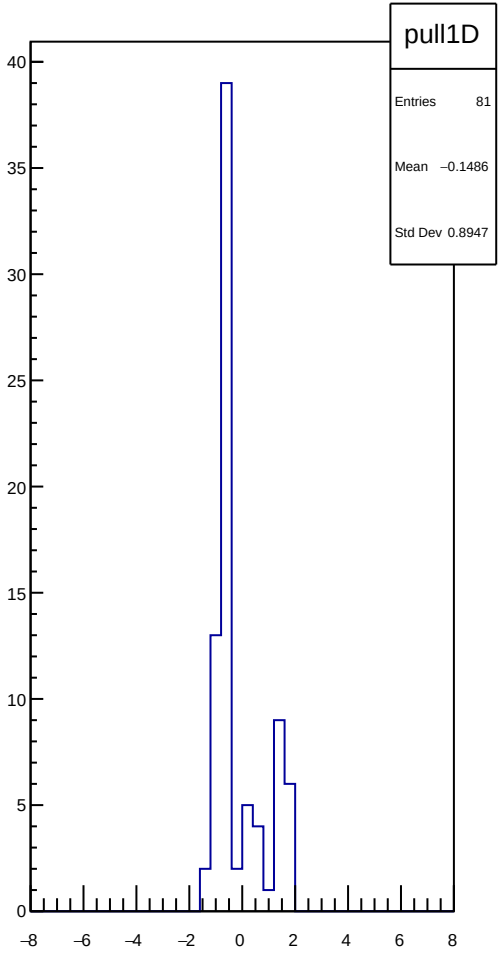

pull1D
Entries 81
Mean −0.0203
Std Dev 1.769

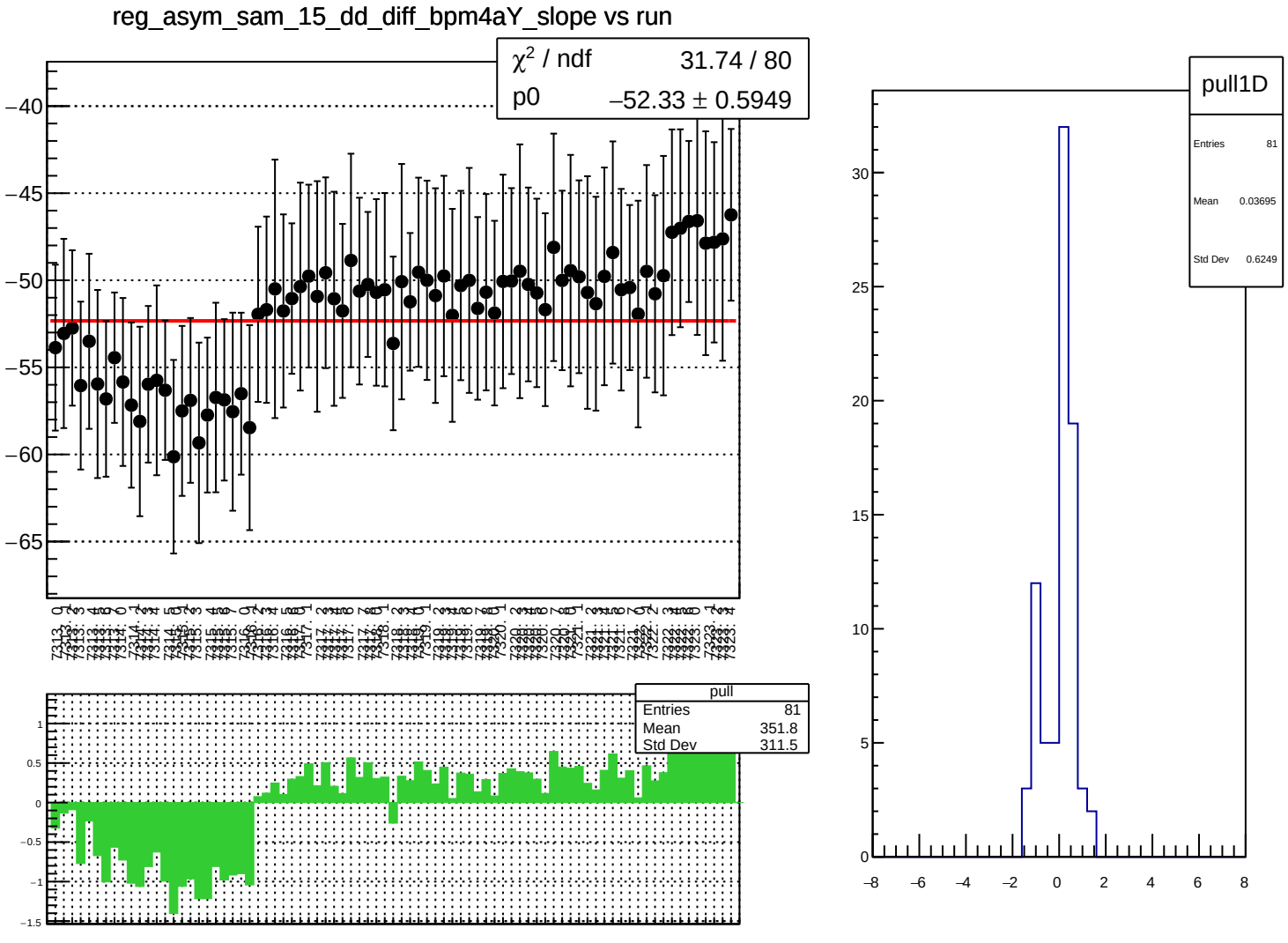

reg_asym_sam_15_avg_diff_bpm4eX_slope vs run
χ² / ndf 638.9 / 80
p0 2.144 ± 0.376
pull
Entries 81
Mean 166.1
Std Dev 127.5
pull1D
Entries 81
Mean −0.3727
Std Dev 2.784

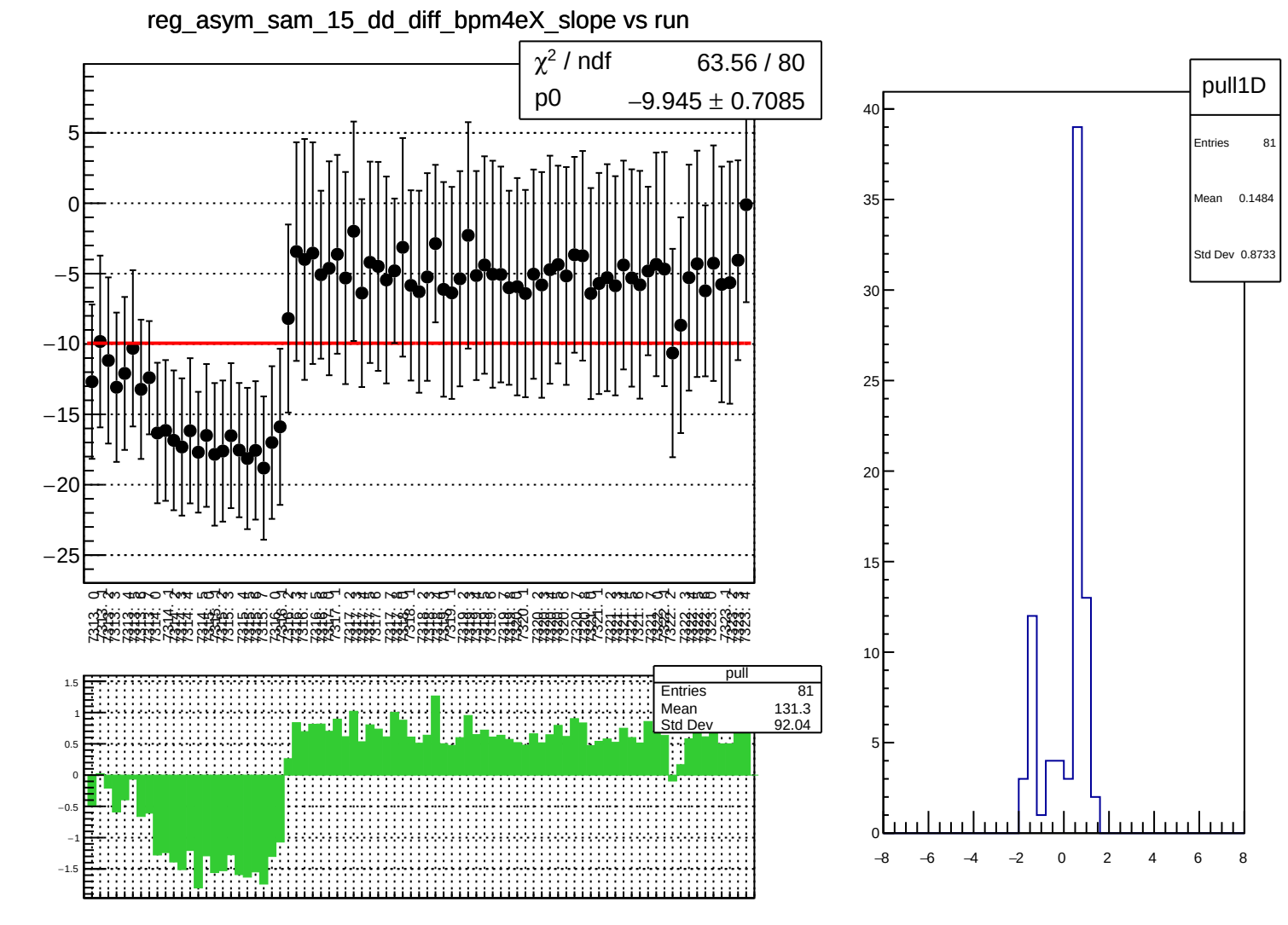

reg_asym_sam_15_avg_diff_bpm4eY_slope vs run
χ² / ndf 99.27 / 80
p0 47.38 ± 0.3399
pull
Entries 81
Mean 735.9
Std Dev 698.1
pull1D
Entries 81
Mean 0.02965
Std Dev 1.107

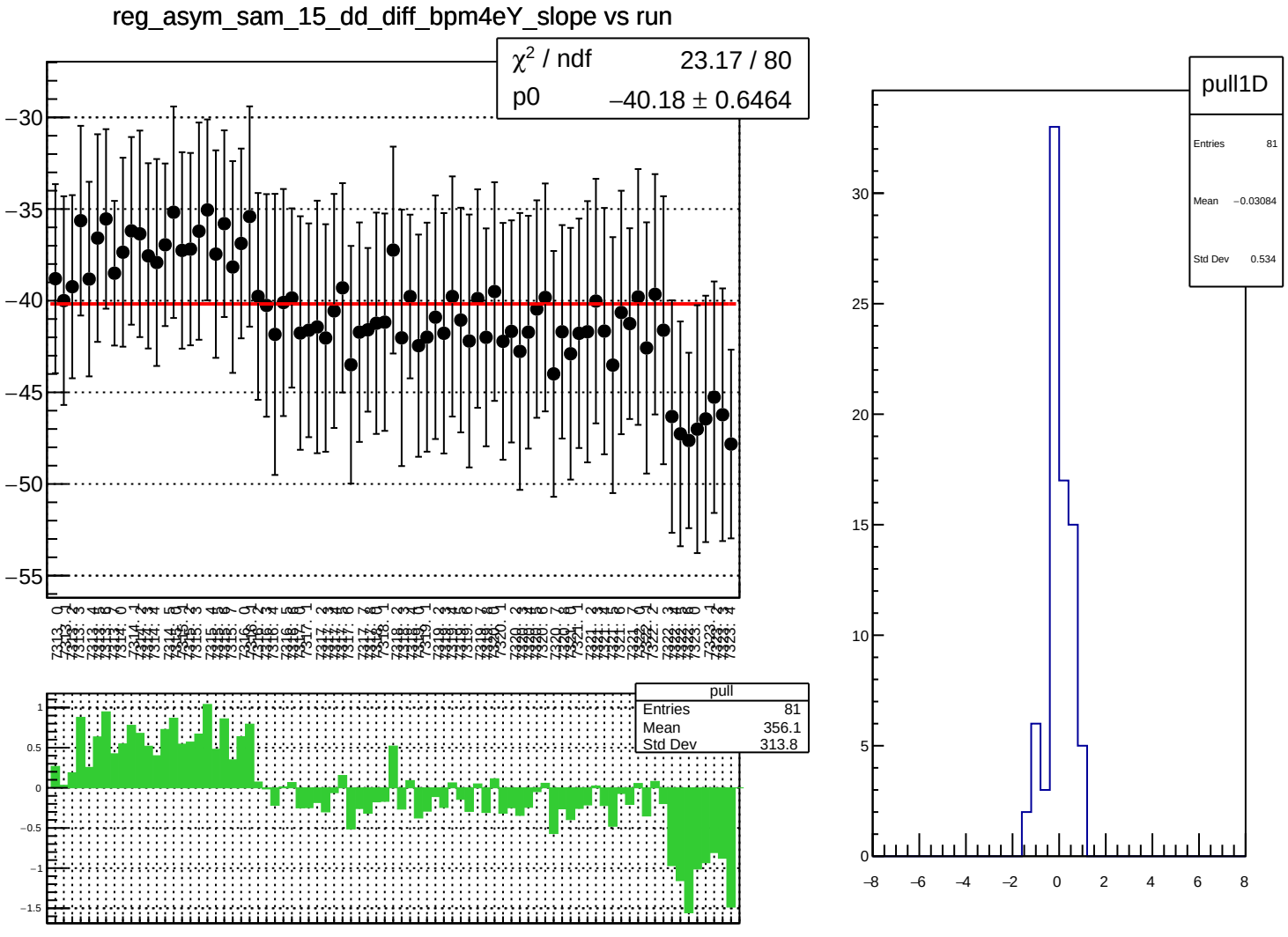

reg_asym_sam_15_avg_diff_bpm12X_slope vs run
χ² / ndf 53.94 / 80
p0 −0.1405 ± 0.01428
pull
Entries 81
Mean −353
Std Dev 392.1
pull1D
Entries 81
Mean −0.035
Std Dev 0.8153

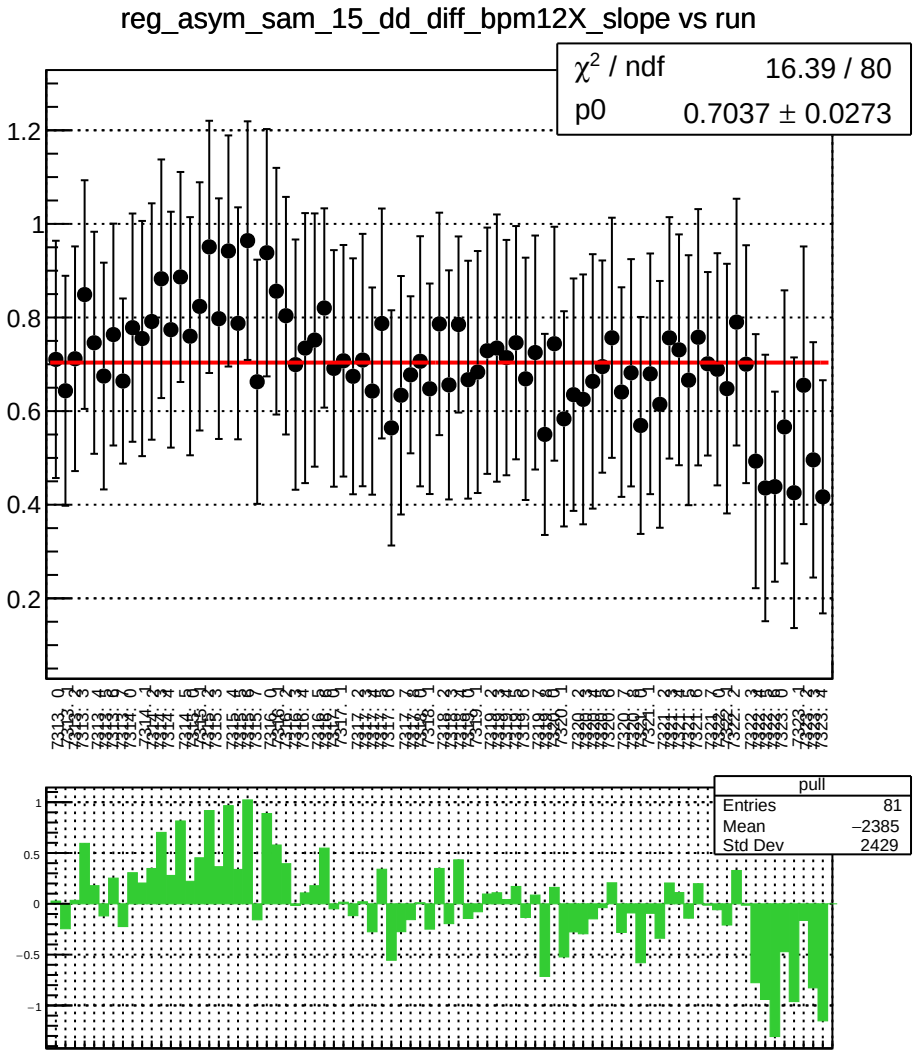

reg_asym_sam_15_dd_diff_bpm1X_slope vs run
χ² / ndf 66.63 / 80
p0 2.988 ± 0.7119
pull
Entries 81
Mean 133.1
Std Dev 93.84

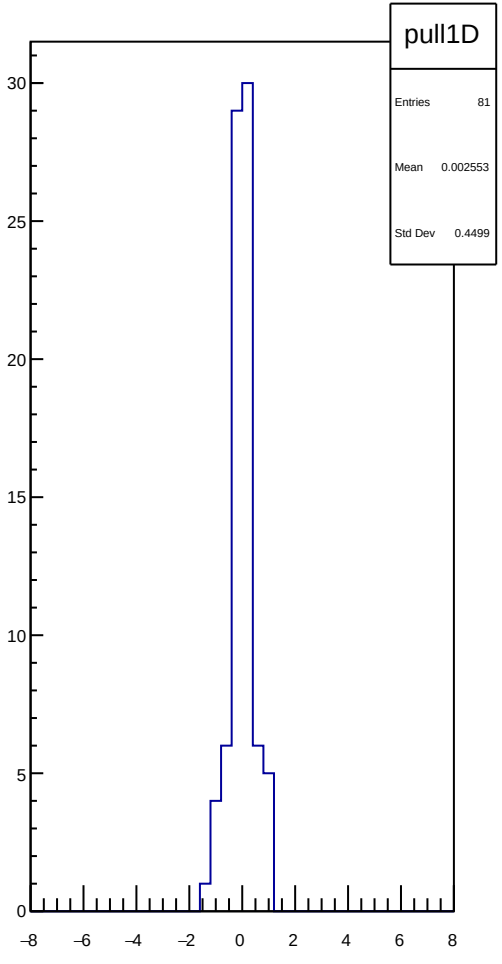

pull1D
Entries 81
Mean −0.1486
Std Dev 0.8947

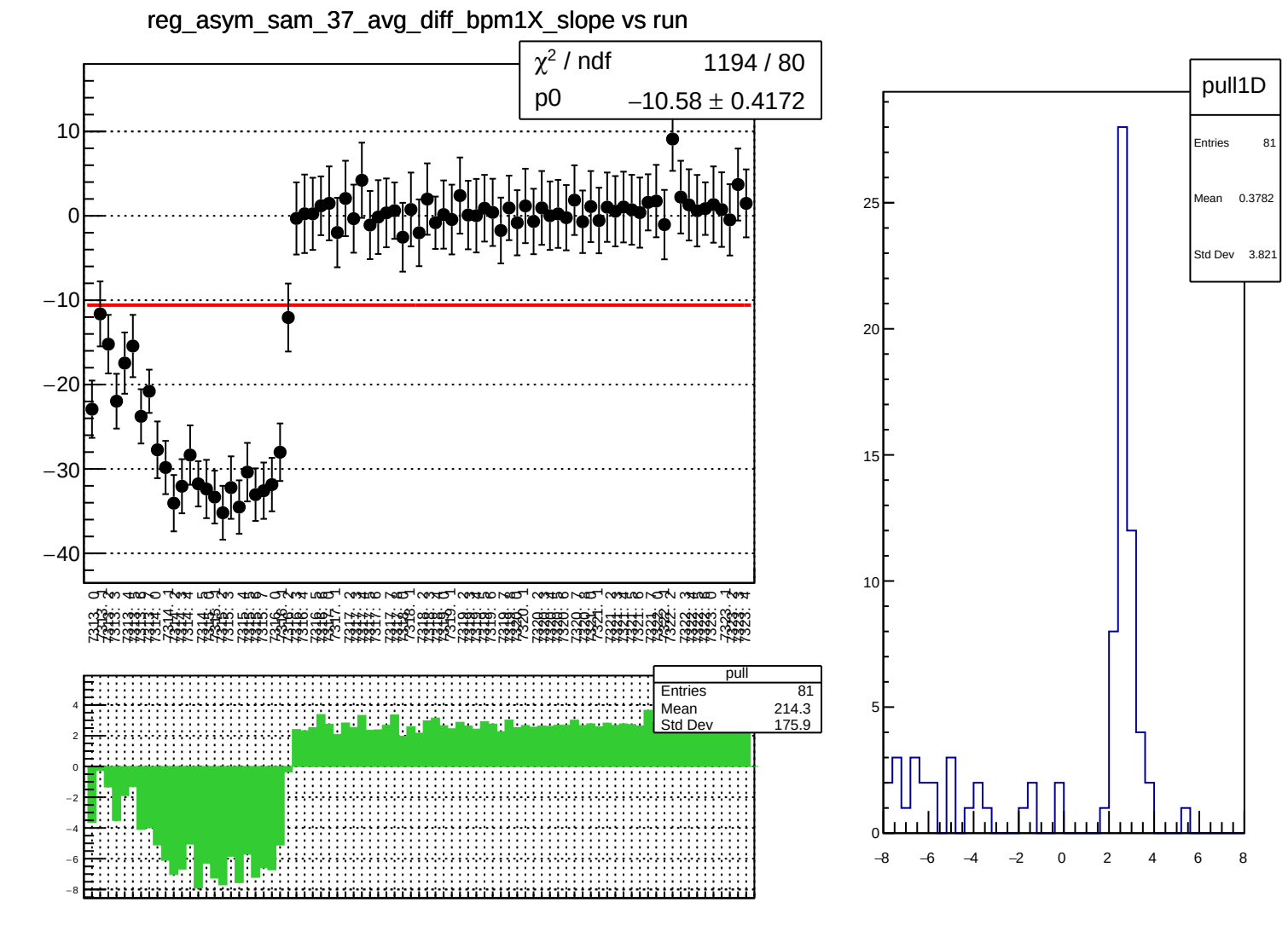

reg_asym_sam_15_dd_diff_bpm4aY_slope vs run
χ² / ndf 31.74 / 80
p0 −52.33 ± 0.5949
pull
Entries 81
Mean 351.8
Std Dev 311.5
pull1D
Entries 81
Mean 0.03695
Std Dev 0.6249

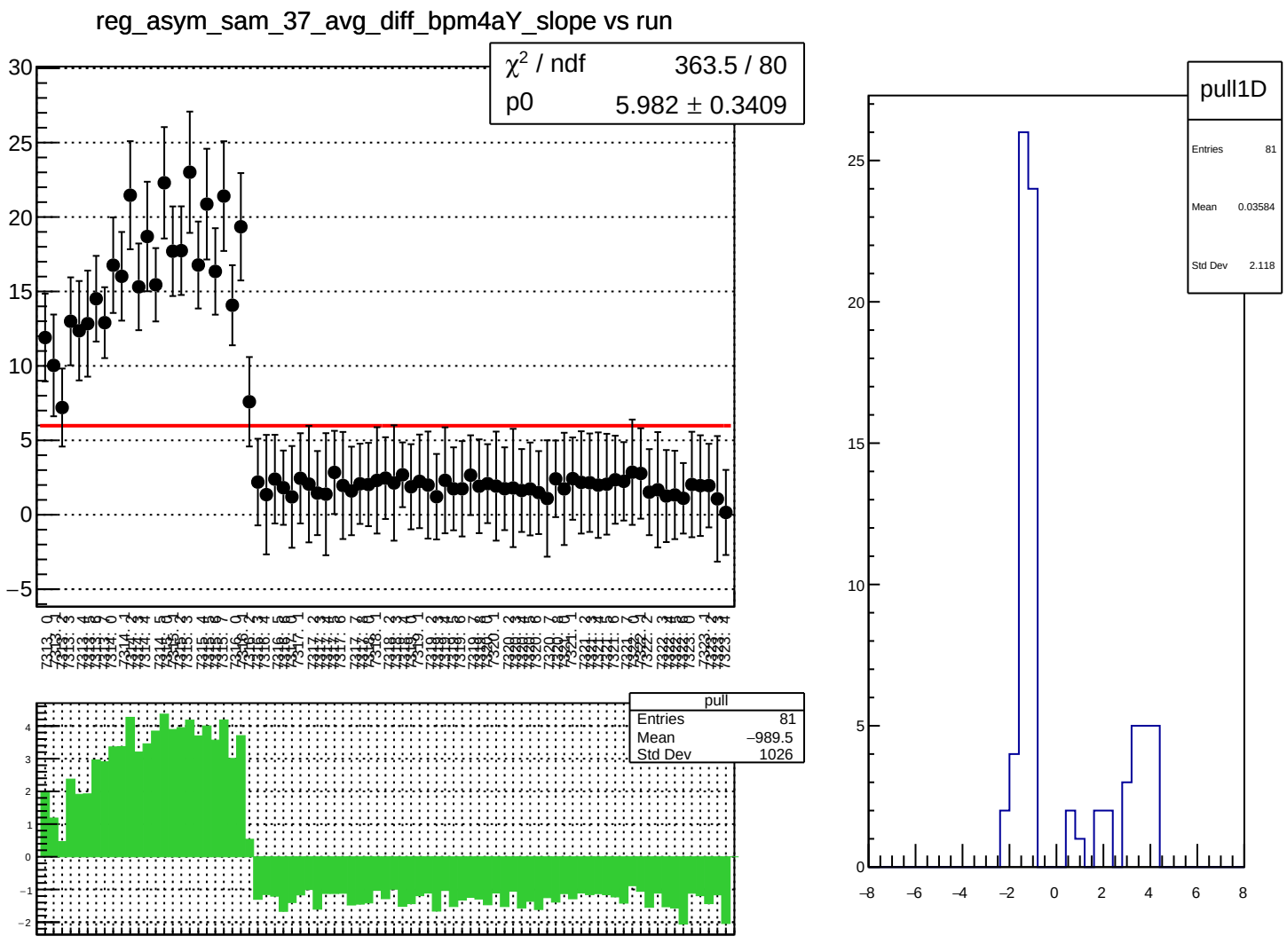

reg_asym_sam_15_dd_diff_bpm4eX_slope vs run
χ² / ndf 63.56 / 80
p0 −9.945 ± 0.7085
pull
Entries 81
Mean 131.3
Std Dev 92.04
pull1D
Entries 81
Mean 0.1484
Std Dev 0.8733

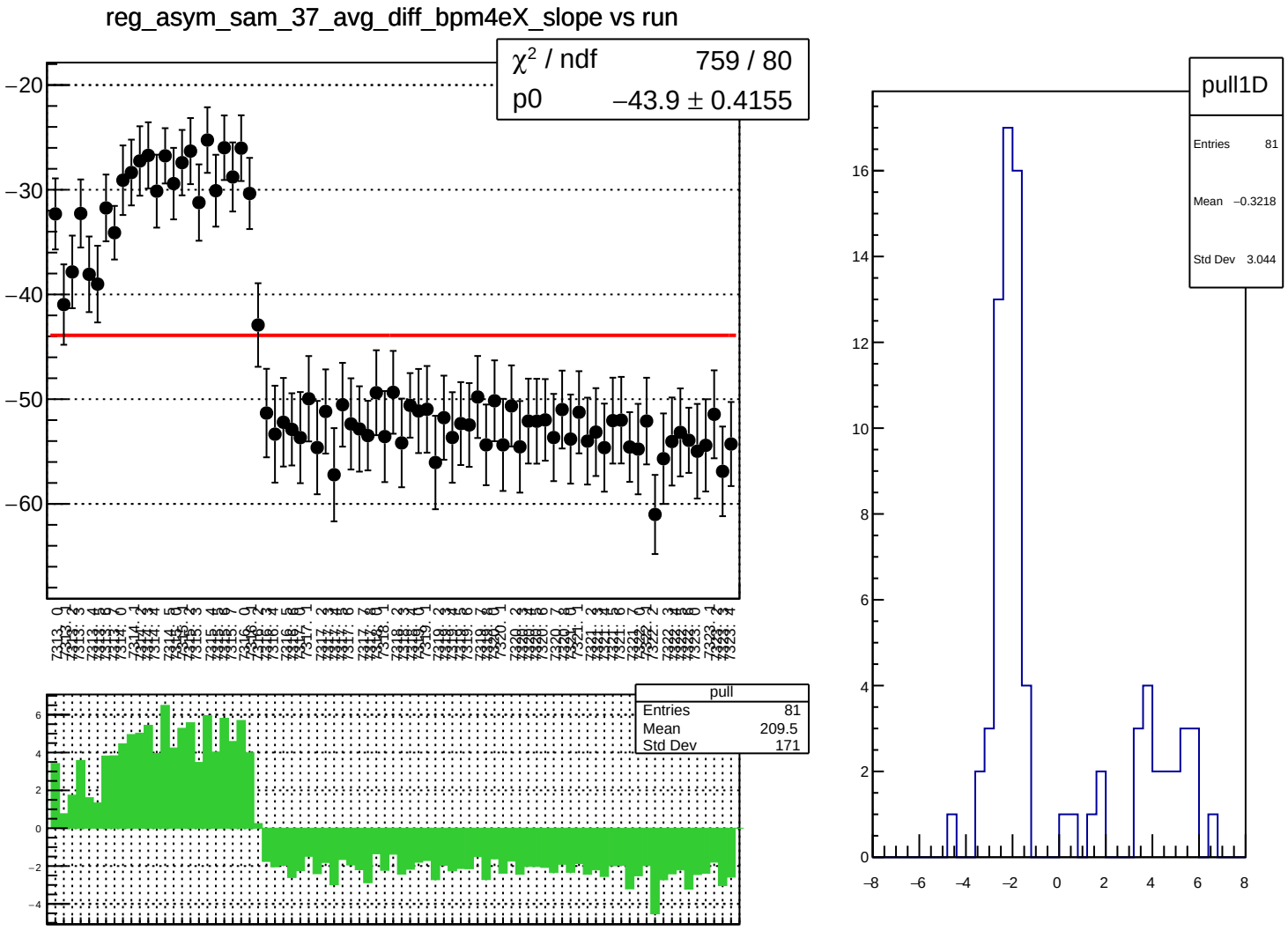

reg_asym_sam_15_dd_diff_bpm4eY_slope vs run
χ² / ndf 23.17 / 80
p0 −40.18 ± 0.6464
pull
Entries 81
Mean 356.1
Std Dev 313.8
pull1D
Entries 81
Mean −0.03084
Std Dev 0.534

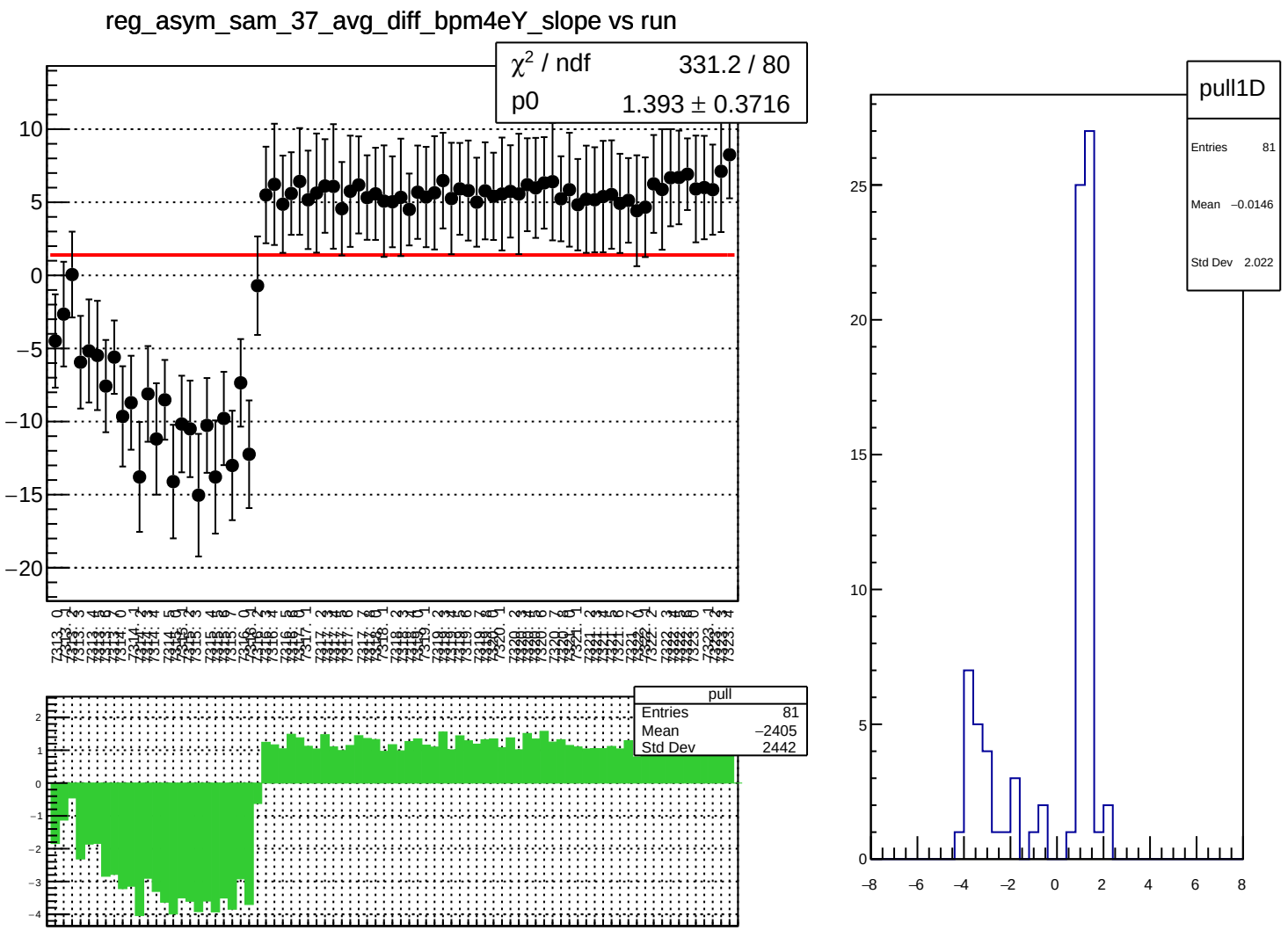

reg_asym_sam_15_dd_diff_bpm12X_slope vs run
χ² / ndf 16.39 / 80
p0 0.7037 ± 0.0273
pull
Entries 81
Mean −2385
Std Dev 2429

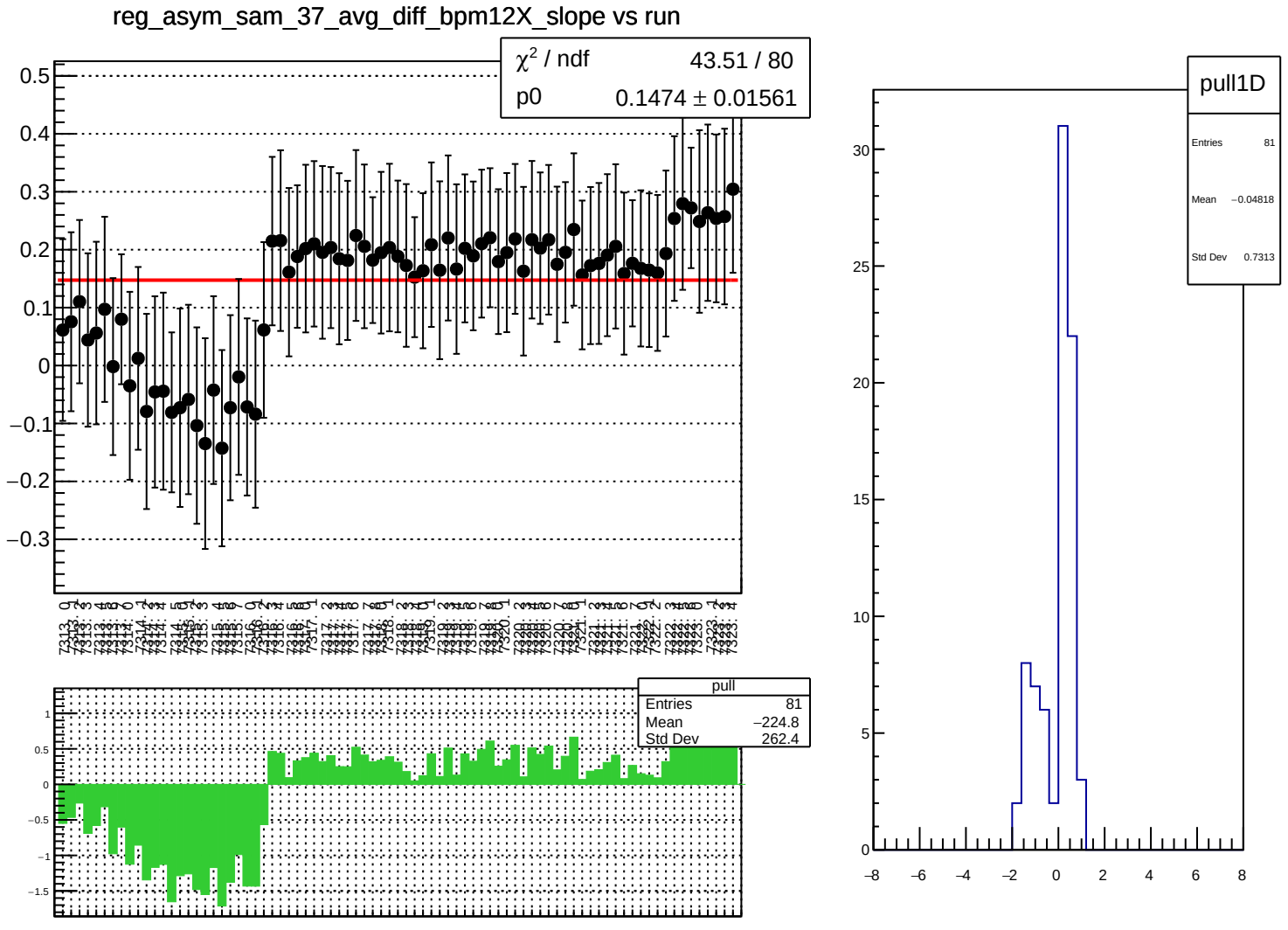

pull1D
Entries 81
Mean 0.002553
Std Dev 0.4499

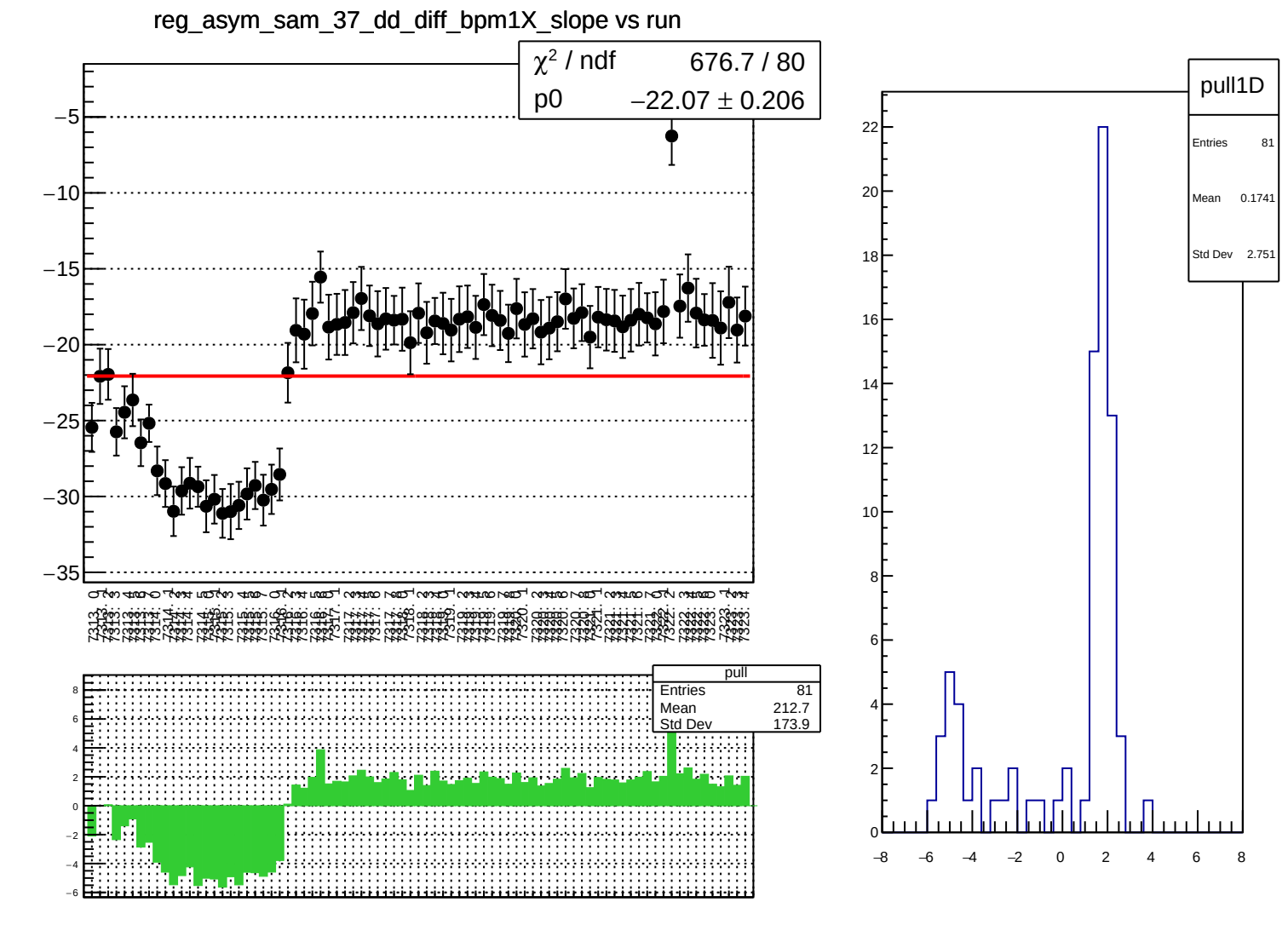

reg_asym_sam_37_avg_diff_bpm1X_slope vs run
χ² / ndf 1194 / 80
p0 −10.58 ± 0.4172
pull
Entries 81
Mean 214.3
Std Dev 175.9
pull1D
Entries 81
Mean 0.3782
Std Dev 3.821

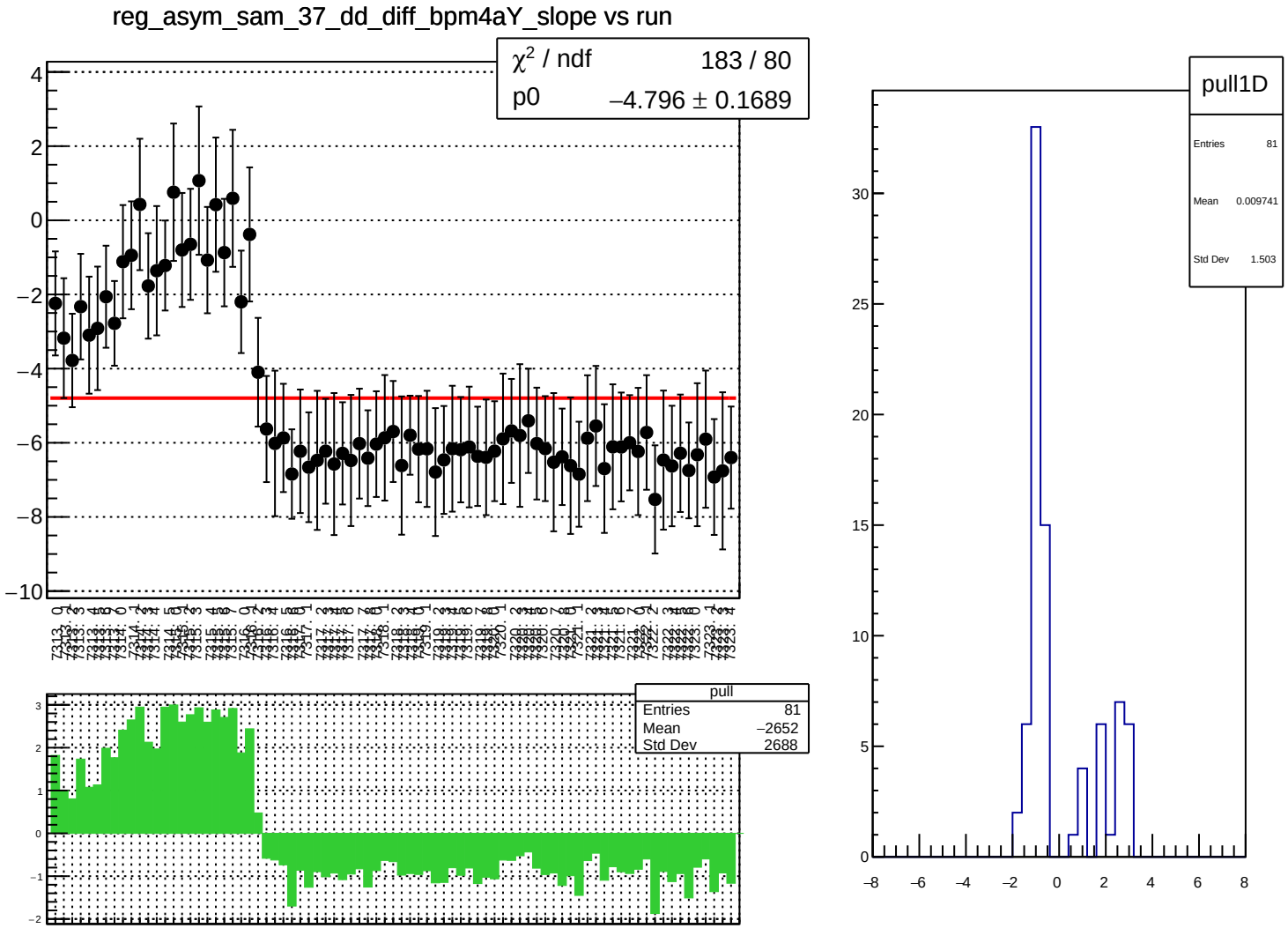

reg_asym_sam_37_avg_diff_bpm4aY_slope vs run
χ² / ndf 363.5 / 80
p0 5.982 ± 0.3409
pull
Entries 81
Mean −989.5
Std Dev 1026
pull1D
Entries 81
Mean 0.03584
Std Dev 2.118

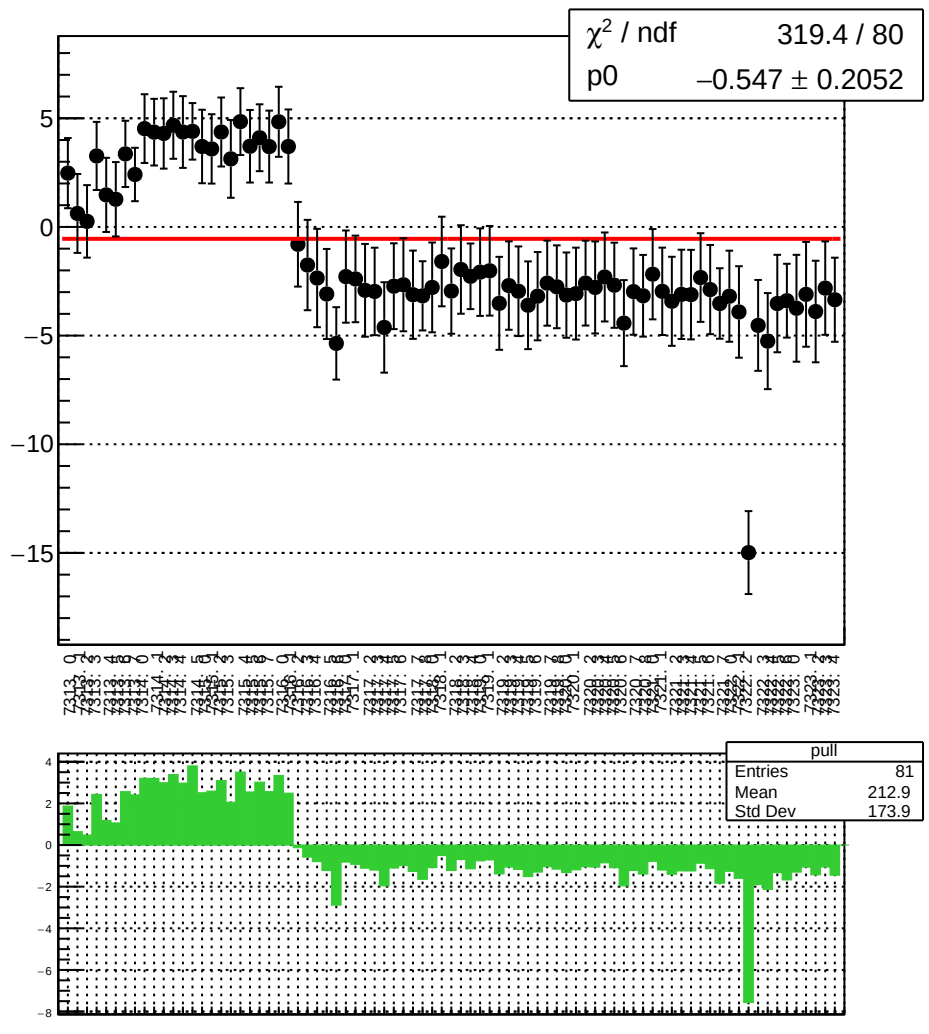

reg_asym_sam_37_avg_diff_bpm4eX_slope vs run
χ² / ndf 759 / 80
p0 −43.9 ± 0.4155
pull
Entries 81
Mean 209.5
Std Dev 171
pull1D
Entries 81
Mean −0.3218
Std Dev 3.044

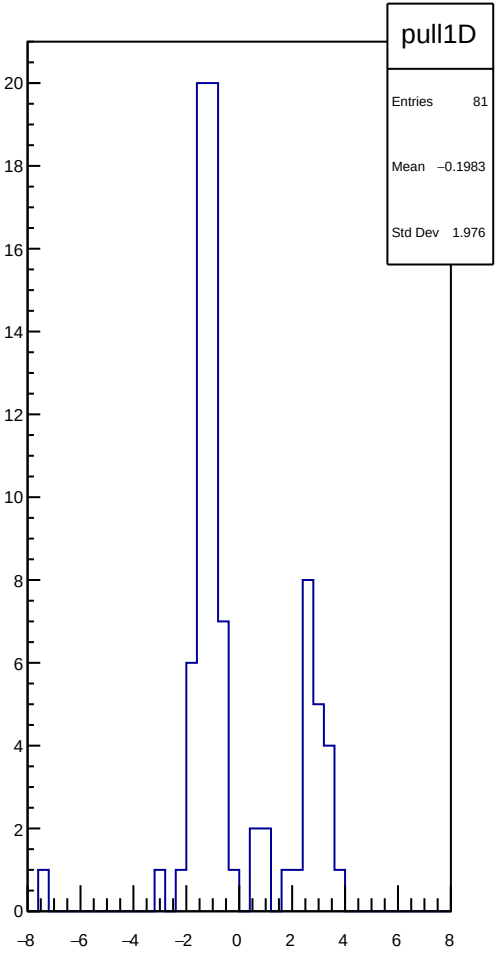

reg_asym_sam_37_avg_diff_bpm4eY_slope vs run
χ² / ndf 331.2 / 80
p0 1.393 ± 0.3716
pull
Entries 81
Mean −2405
Std Dev 2442
pull1D
Entries 81
Mean −0.0146
Std Dev 2.022

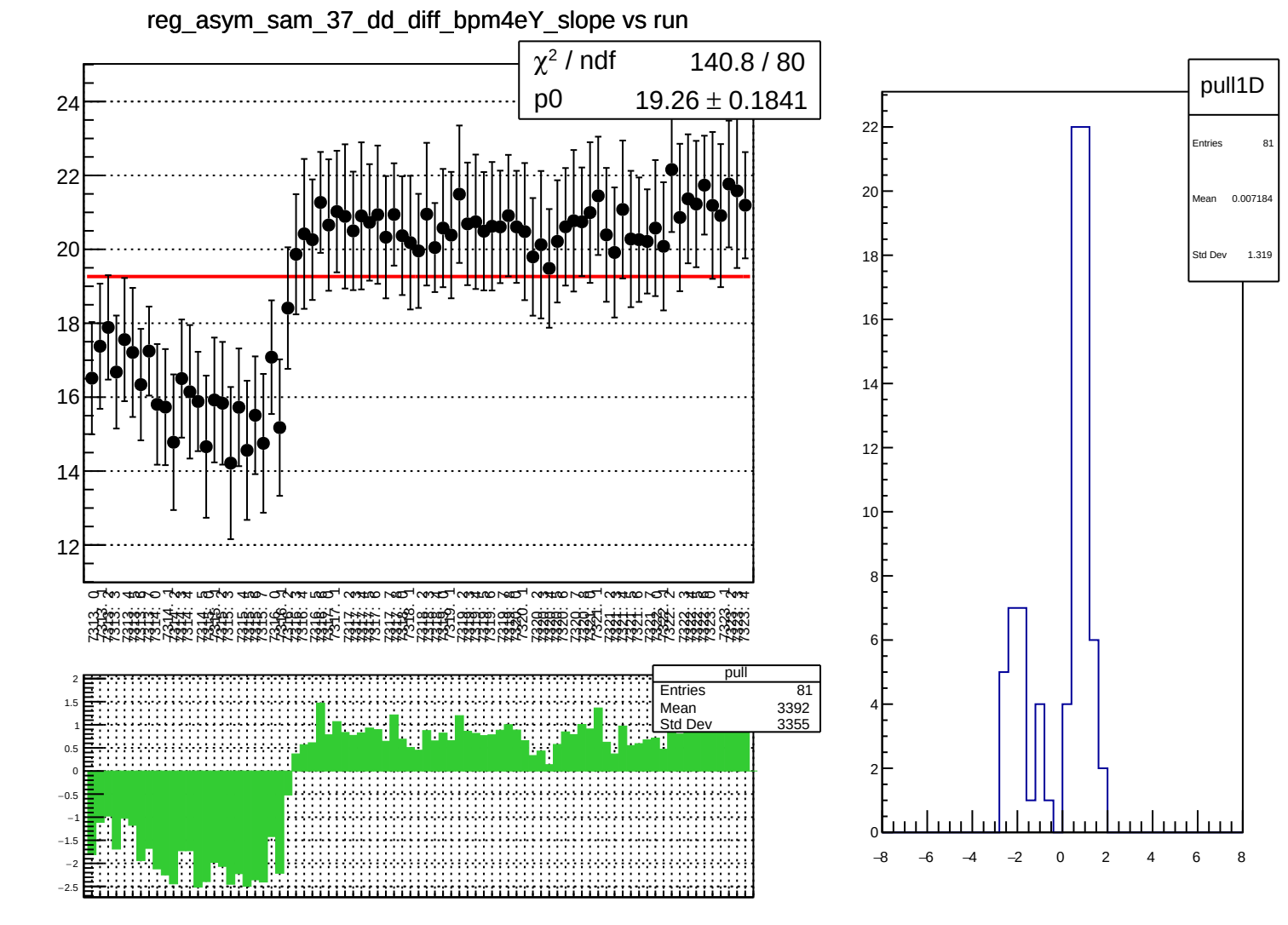

reg_asym_sam_37_avg_diff_bpm12X_slope vs run
χ² / ndf 43.51 / 80
p0 0.1474 ± 0.01561
pull
Entries 81
Mean −224.8
Std Dev 262.4
pull1D
Entries 81
Mean −0.04818
Std Dev 0.7313

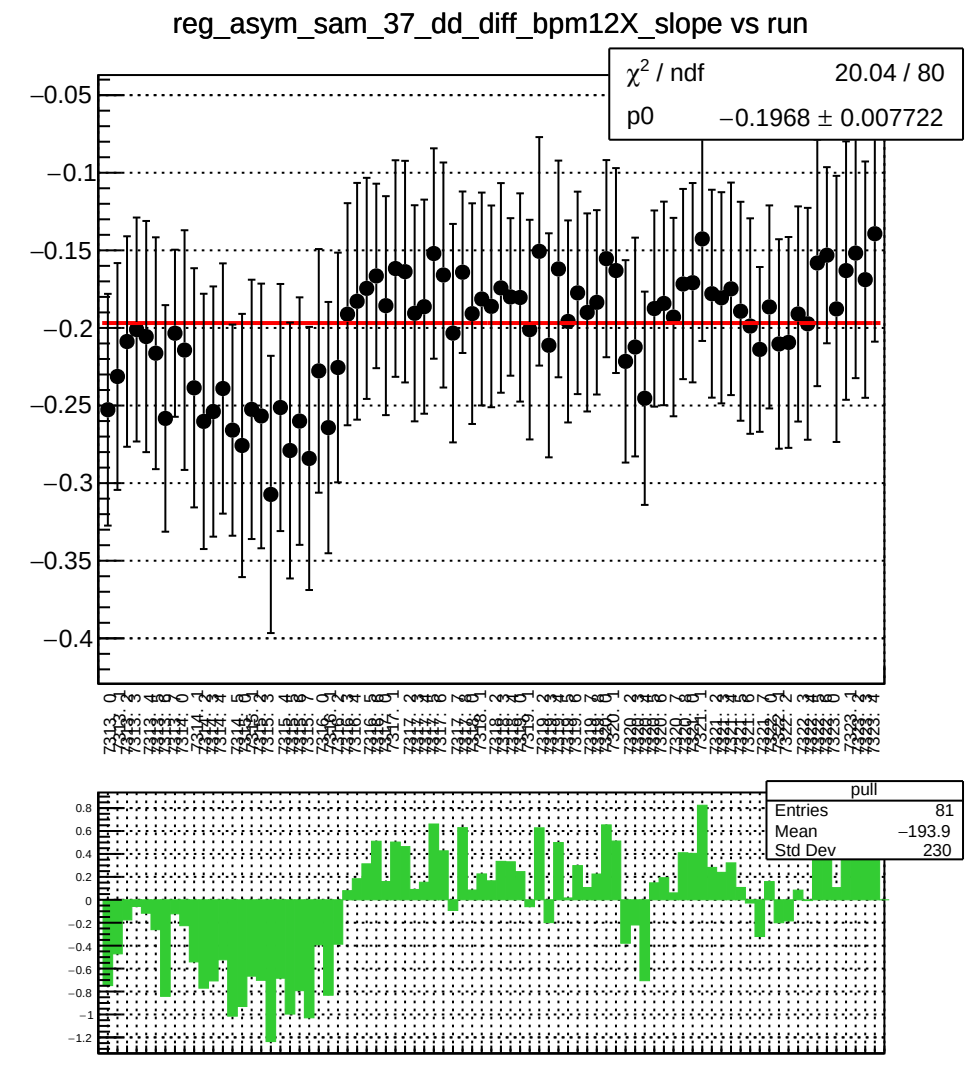

reg_asym_sam_37_dd_diff_bpm1X_slope vs run
χ² / ndf 676.7 / 80
p0 −22.07 ± 0.206
pull
Entries 81
Mean 212.7
Std Dev 173.9
pull1D
Entries 81
Mean 0.1741
Std Dev 2.751

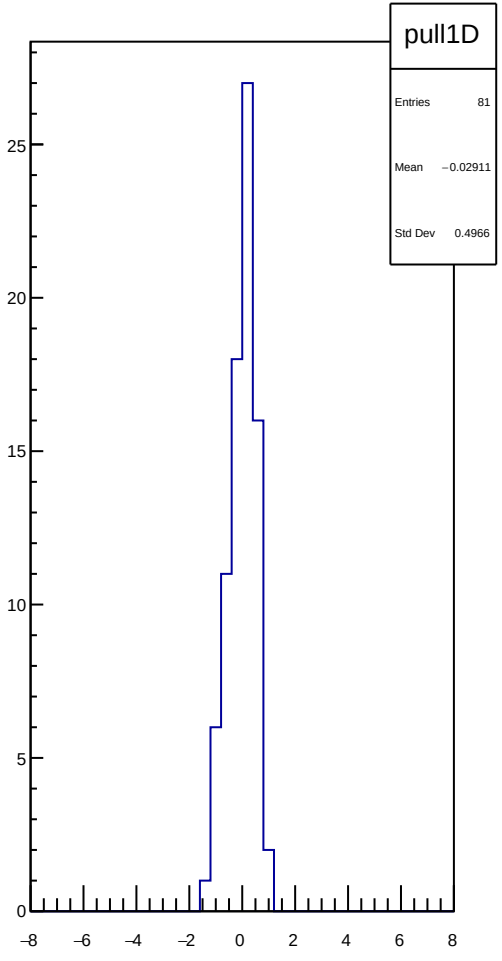

reg_asym_sam_37_dd_diff_bpm4aY_slope vs run
χ² / ndf 183 / 80
p0 −4.796 ± 0.1689
pull
Entries 81
Mean −2652
Std Dev 2688
pull1D
Entries 81
Mean 0.009741
Std Dev 1.503

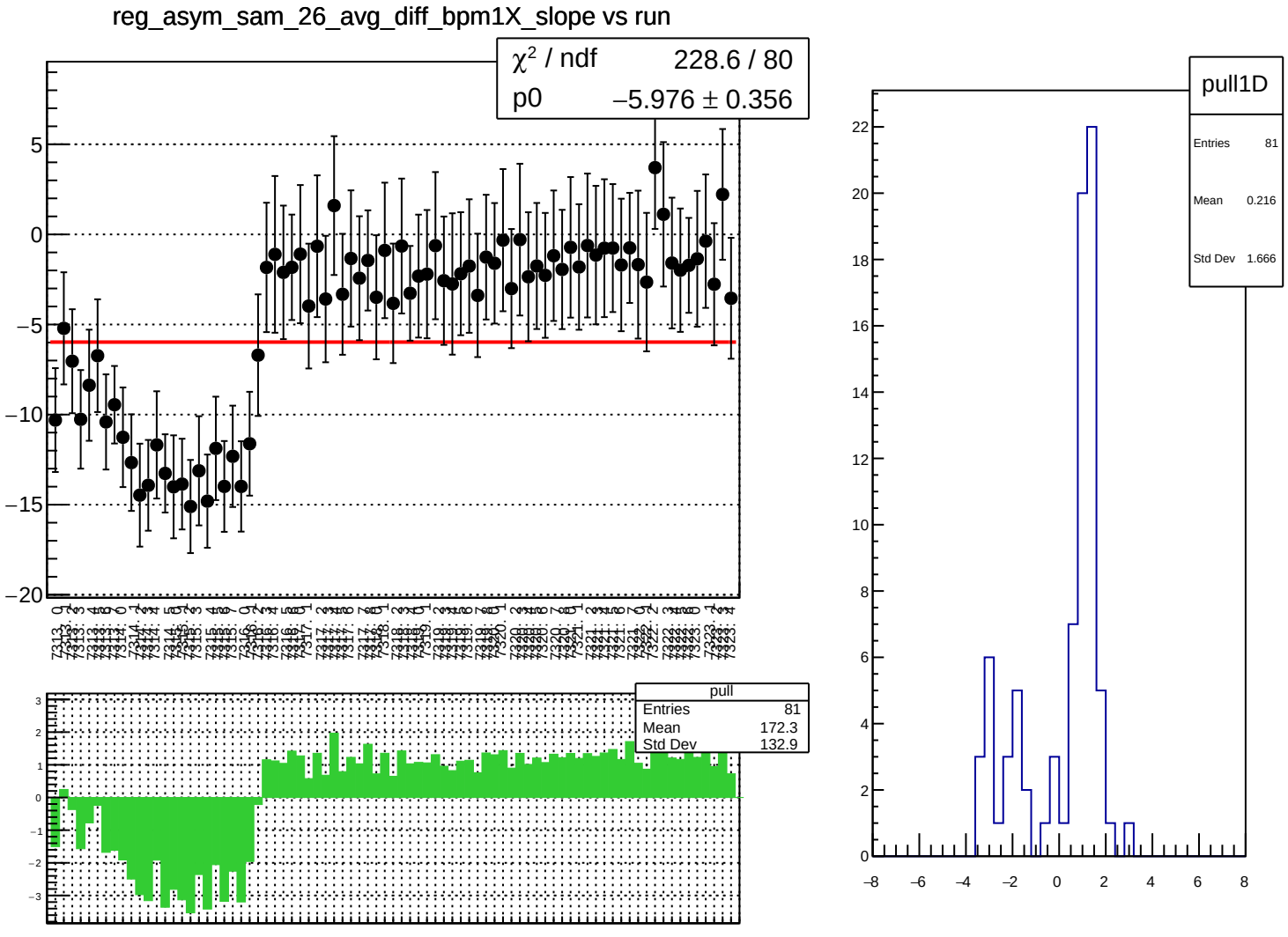

reg_asym_sam_37_dd_diff_bpm4eX_slope vs run
χ² / ndf 319.4 / 80
p0 −0.547 ± 0.2052
pull
Entries 81
Mean 212.9
Std Dev 173.9

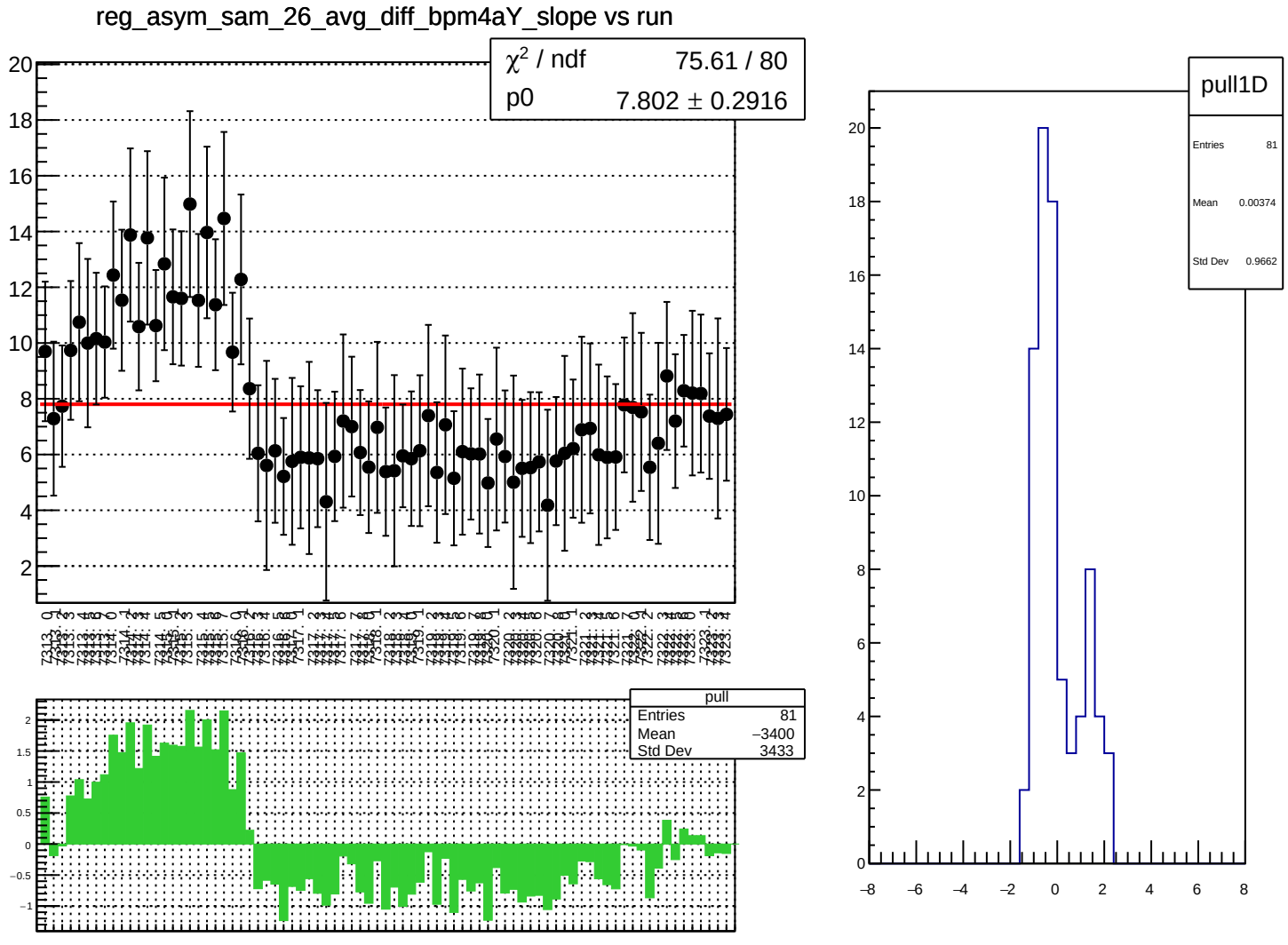

pull1D
Entries 81
Mean −0.1983
Std Dev 1.976

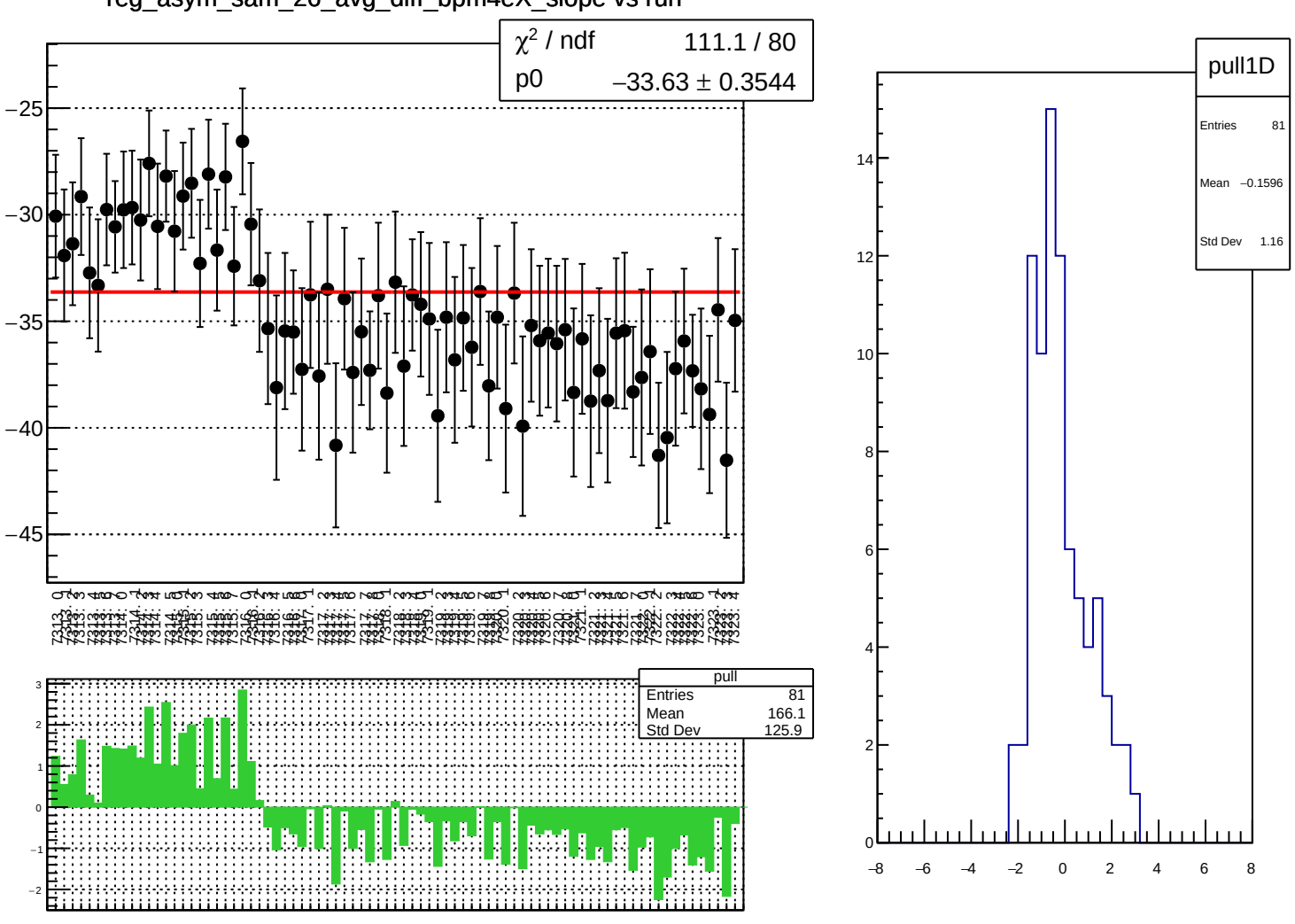

reg_asym_sam_37_dd_diff_bpm4eY_slope vs run
χ² / ndf 140.8 / 80
p0 19.26 ± 0.1841
pull
Entries 81
Mean 3392
Std Dev 3355
pull1D
Entries 81
Mean 0.007184
Std Dev 1.319

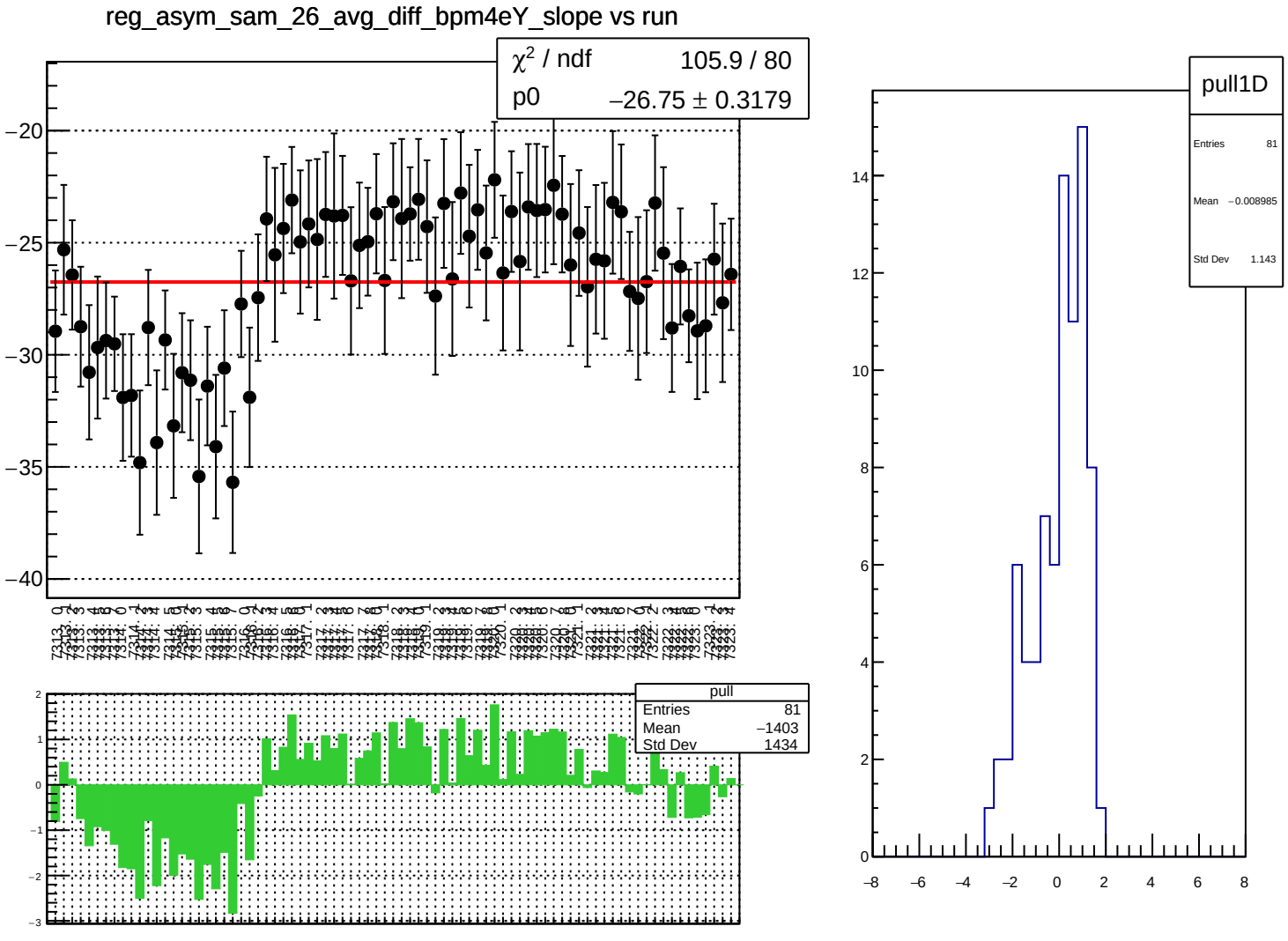

reg_asym_sam_37_dd_diff_bpm12X_slope vs run
χ² / ndf 20.04 / 80
p0 −0.1968 ± 0.007722
pull
Entries 81
Mean −193.9
Std Dev 230

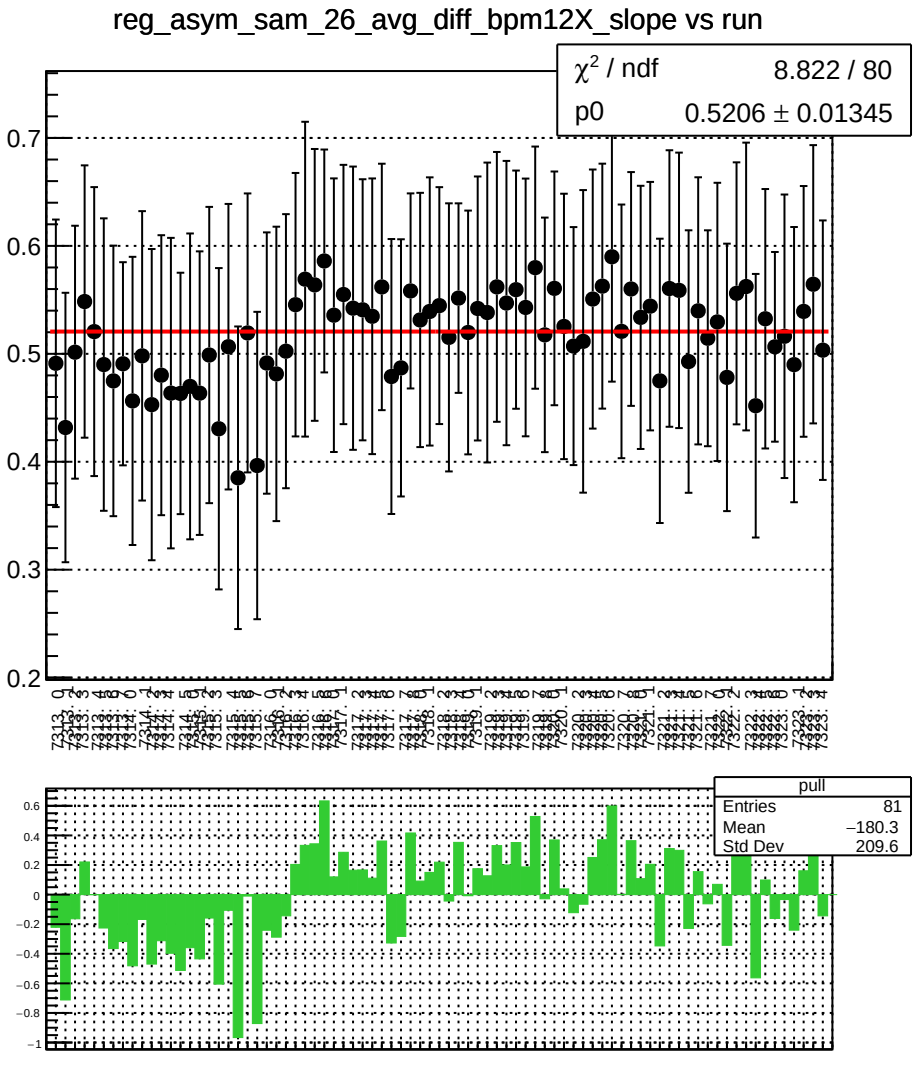

pull1D
Entries 81
Mean −0.02911
Std Dev 0.4966

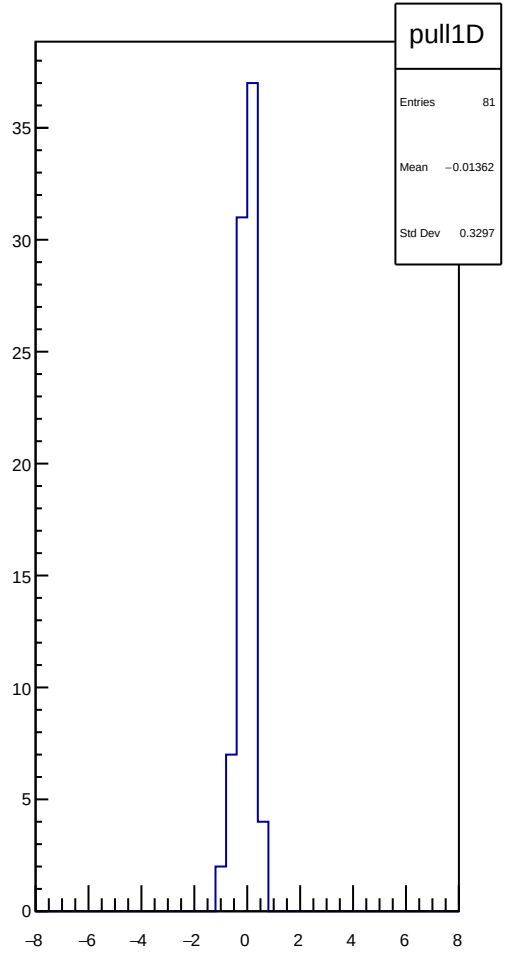

reg_asym_sam_26_avg_diff_bpm1X_slope vs run
χ² / ndf 228.6 / 80
p0 −5.976 ± 0.356
pull
Entries 81
Mean 172.3
Std Dev 132.9
pull1D
Entries 81
Mean 0.216
Std Dev 1.666

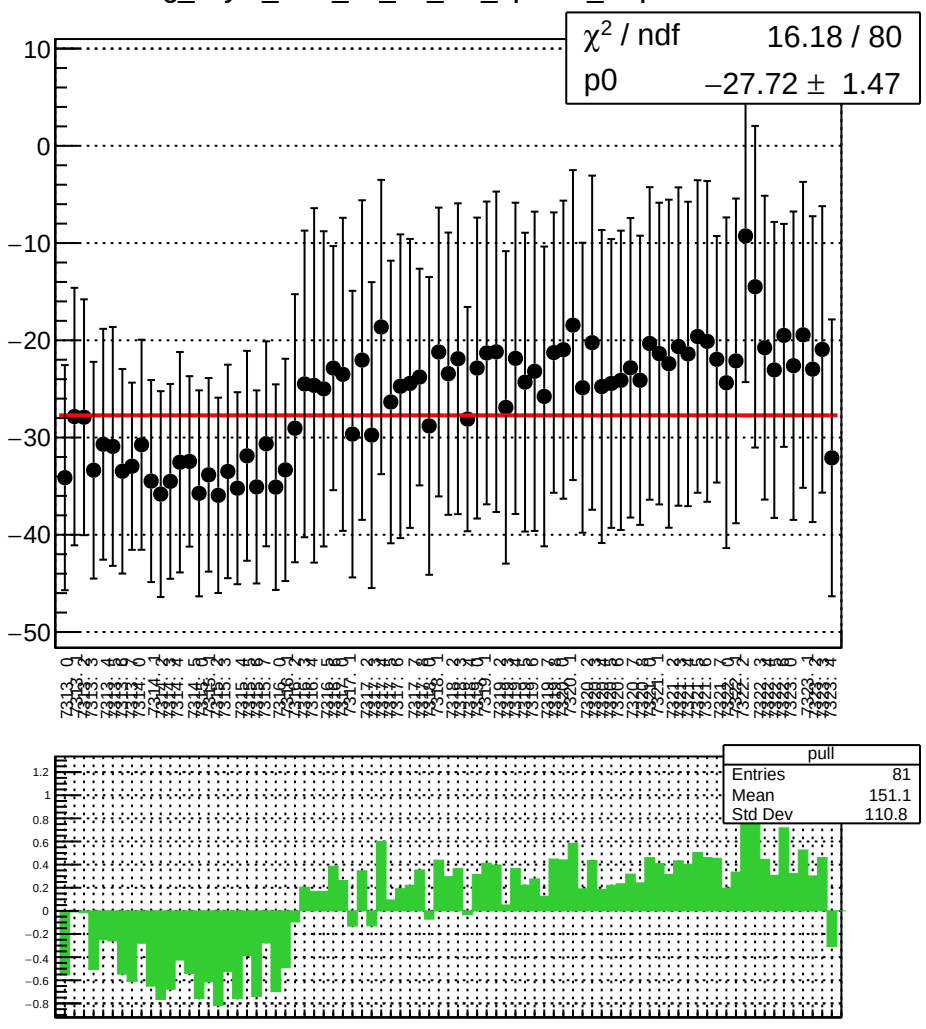

reg_asym_sam_26_avg_diff_bpm4aY_slope vs run
χ² / ndf 75.61 / 80
p0 7.802 ± 0.2916
pull
Entries 81
Mean −3400
Std Dev 3433
pull1D
Entries 81
Mean 0.00374
Std Dev 0.9662

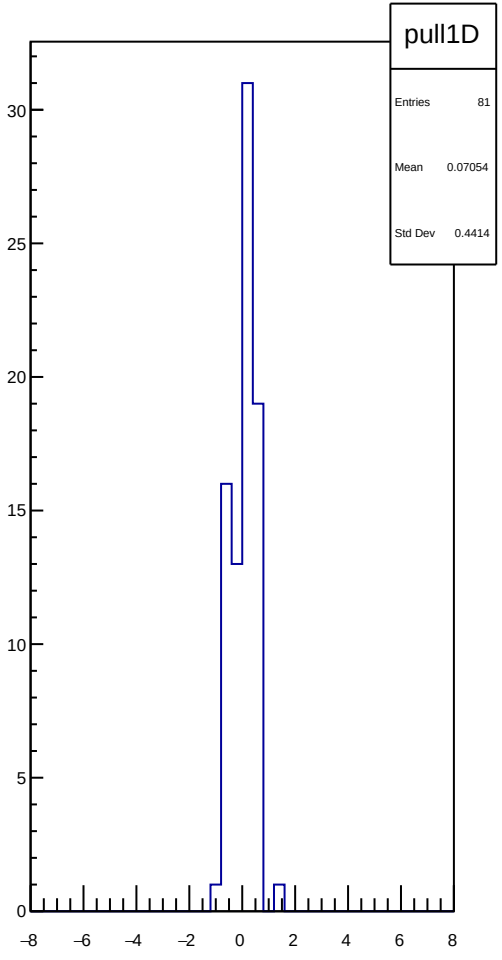

reg_asym_sam_26_avg_diff_bpm4eX_slope vs run
χ² / ndf 111.1 / 80
p0 −33.63 ± 0.3544
pull
Entries 81
Mean 166.1
Std Dev 125.9
pull1D
Entries 81
Mean −0.1596
Std Dev 1.16

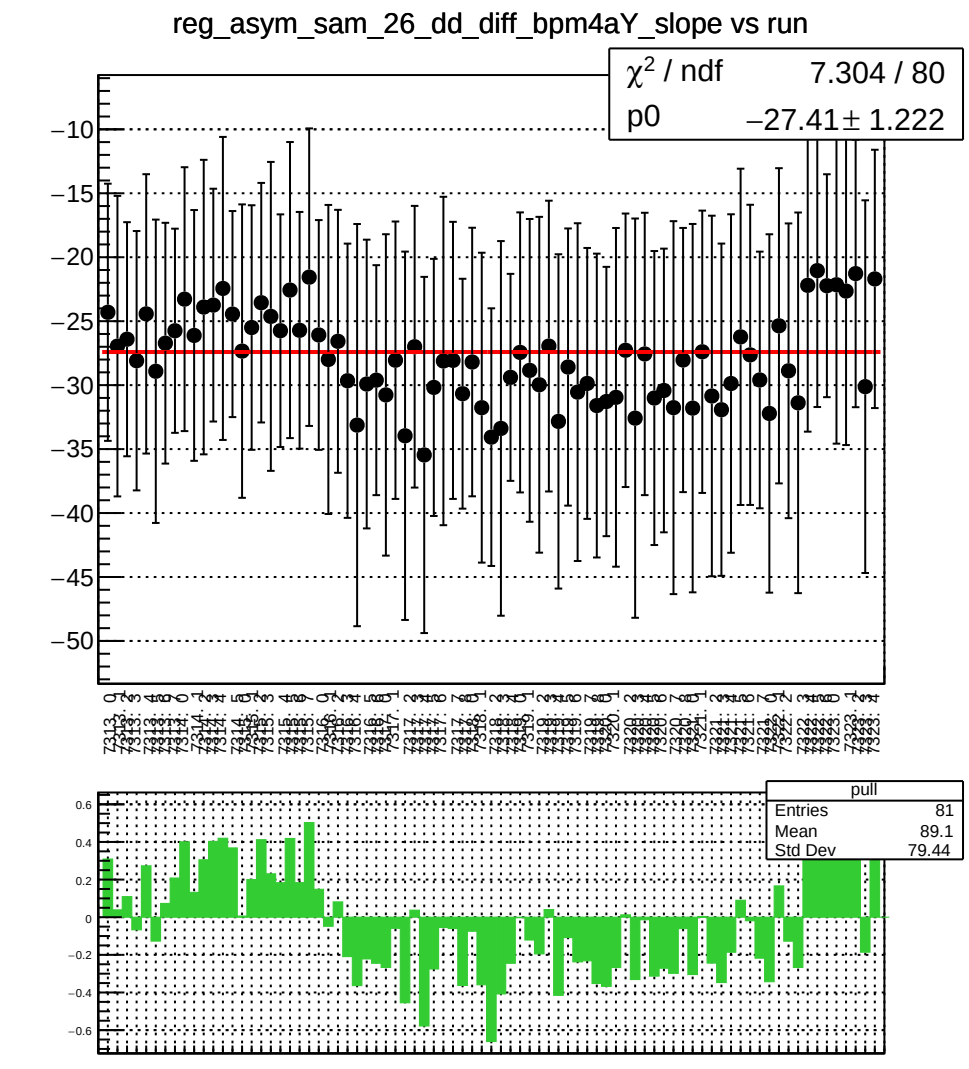

reg_asym_sam_26_avg_diff_bpm4eY_slope vs run
χ² / ndf 105.9 / 80
p0 −26.75 ± 0.3179
pull
Entries 81
Mean −1403
Std Dev 1434
pull1D
Entries 81
Mean −0.008985
Std Dev 1.143

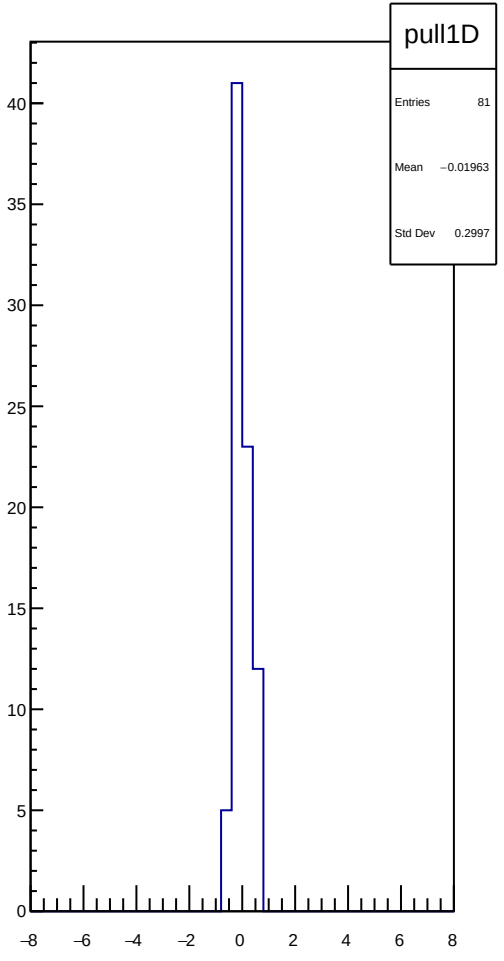

reg_asym_sam_26_avg_diff_bpm12X_slope vs run
χ² / ndf 8.822 / 80
p0 0.5206 ± 0.01345
pull
Entries 81
Mean −180.3
Std Dev 209.6

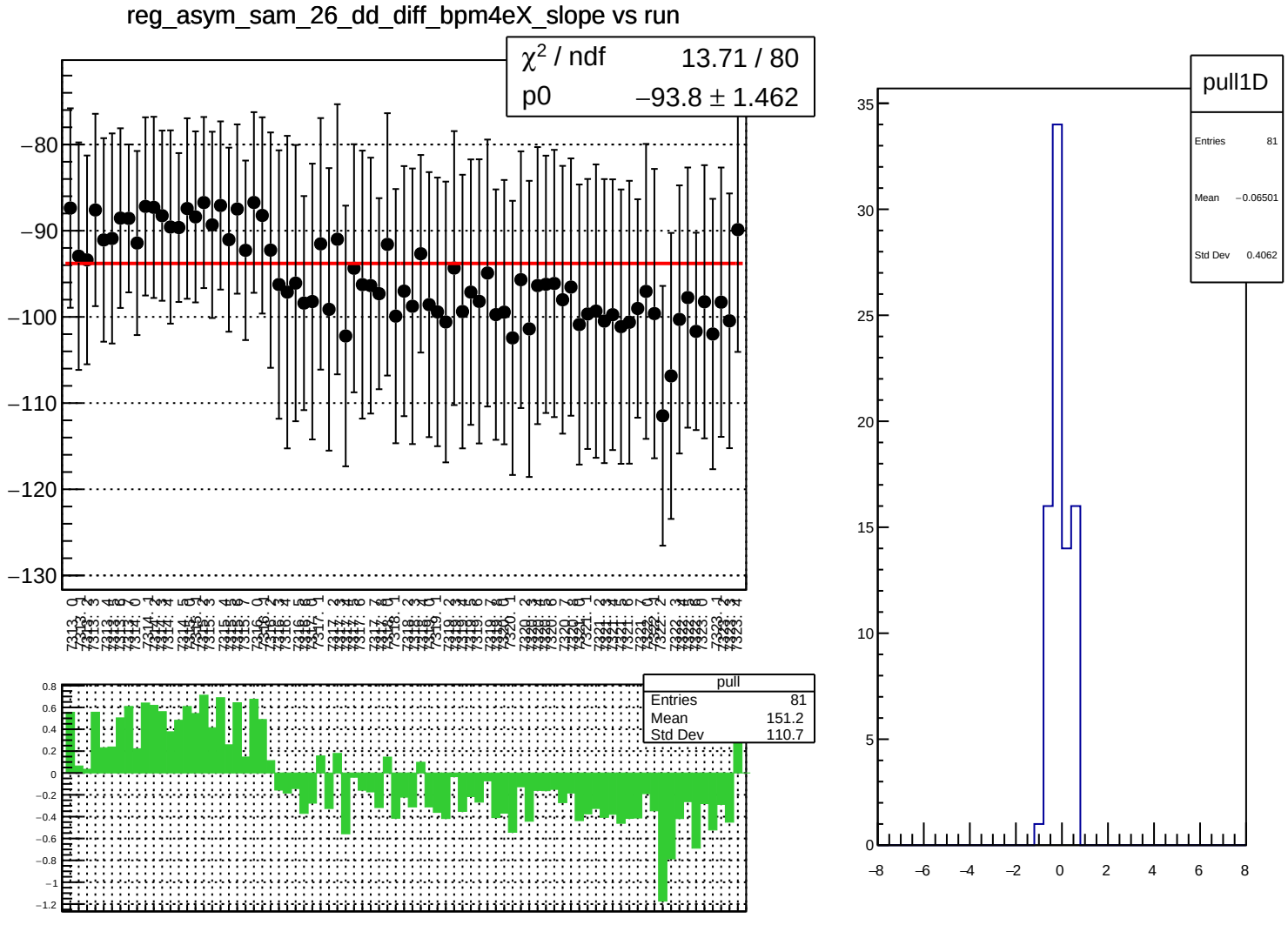

pull1D
Entries 81
Mean −0.01362
Std Dev 0.3297

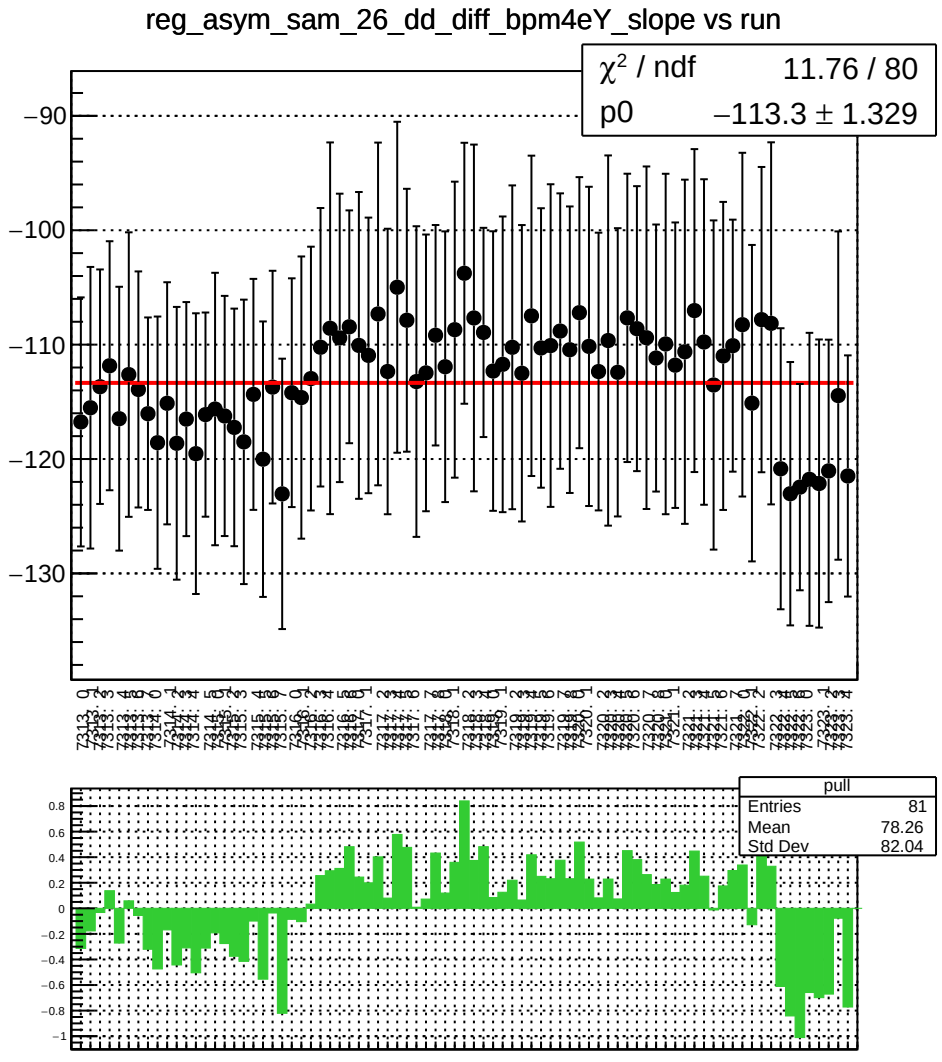

reg_asym_sam_26_dd_diff_bpm1X_slope vs run
χ² / ndf 16.18 / 80
p0 −27.72 ± 1.47
pull
Entries 81
Mean 151.1
Std Dev 110.8

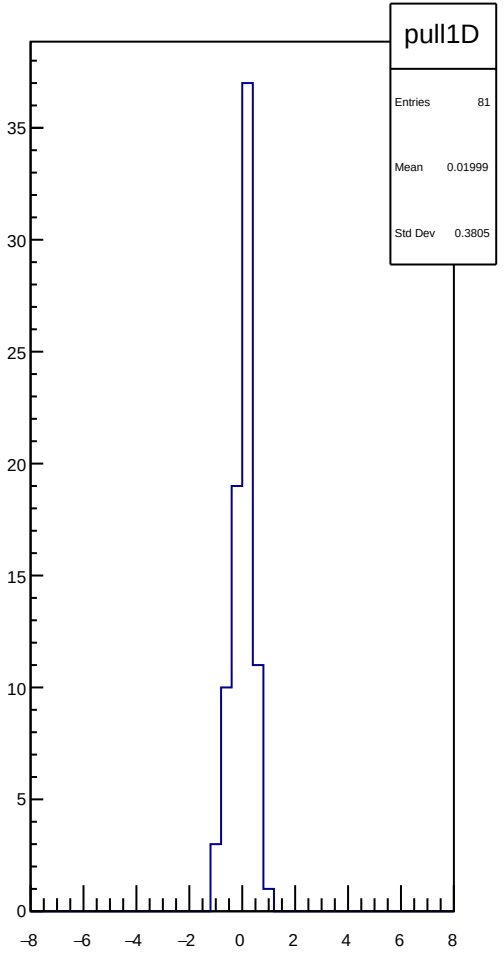

pull1D
Entries 81
Mean 0.07054
Std Dev 0.4414

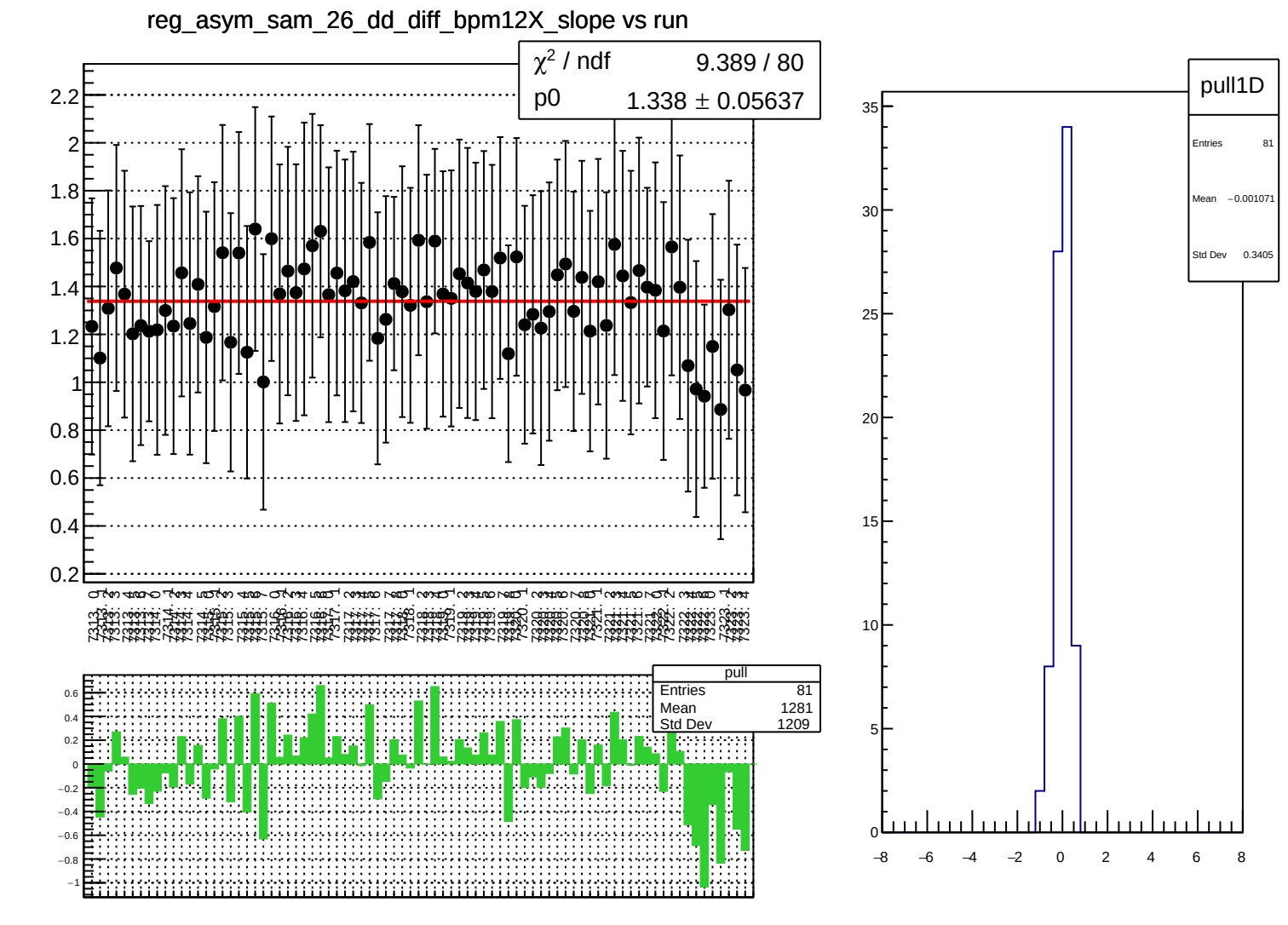

reg_asym_sam_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 7.304 / 80
p0 −27.41 ± 1.222
pull
Entries 81
Mean 89.1
Std Dev 79.44

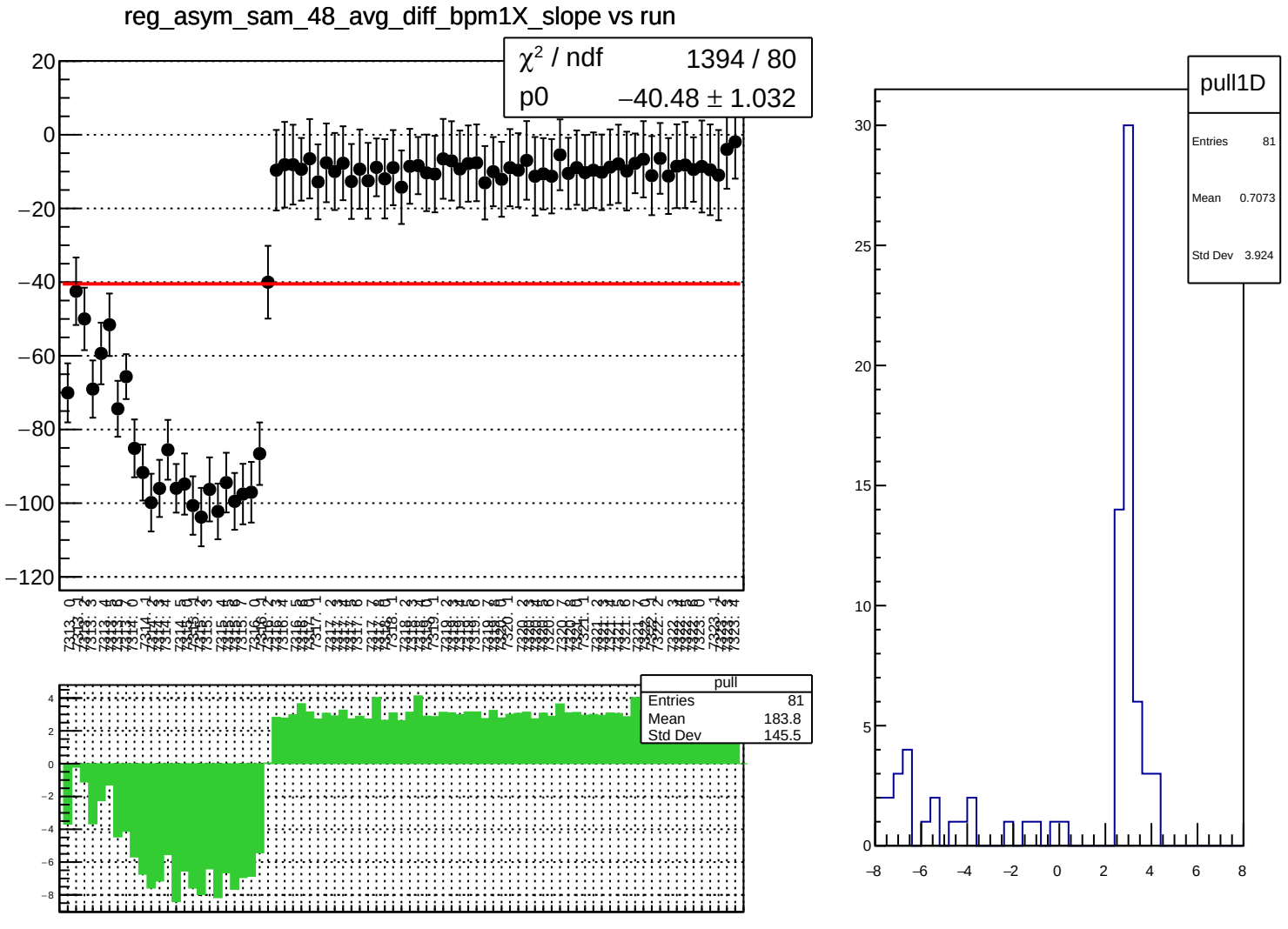

pull1D
Entries 81
Mean −0.01963
Std Dev 0.2997

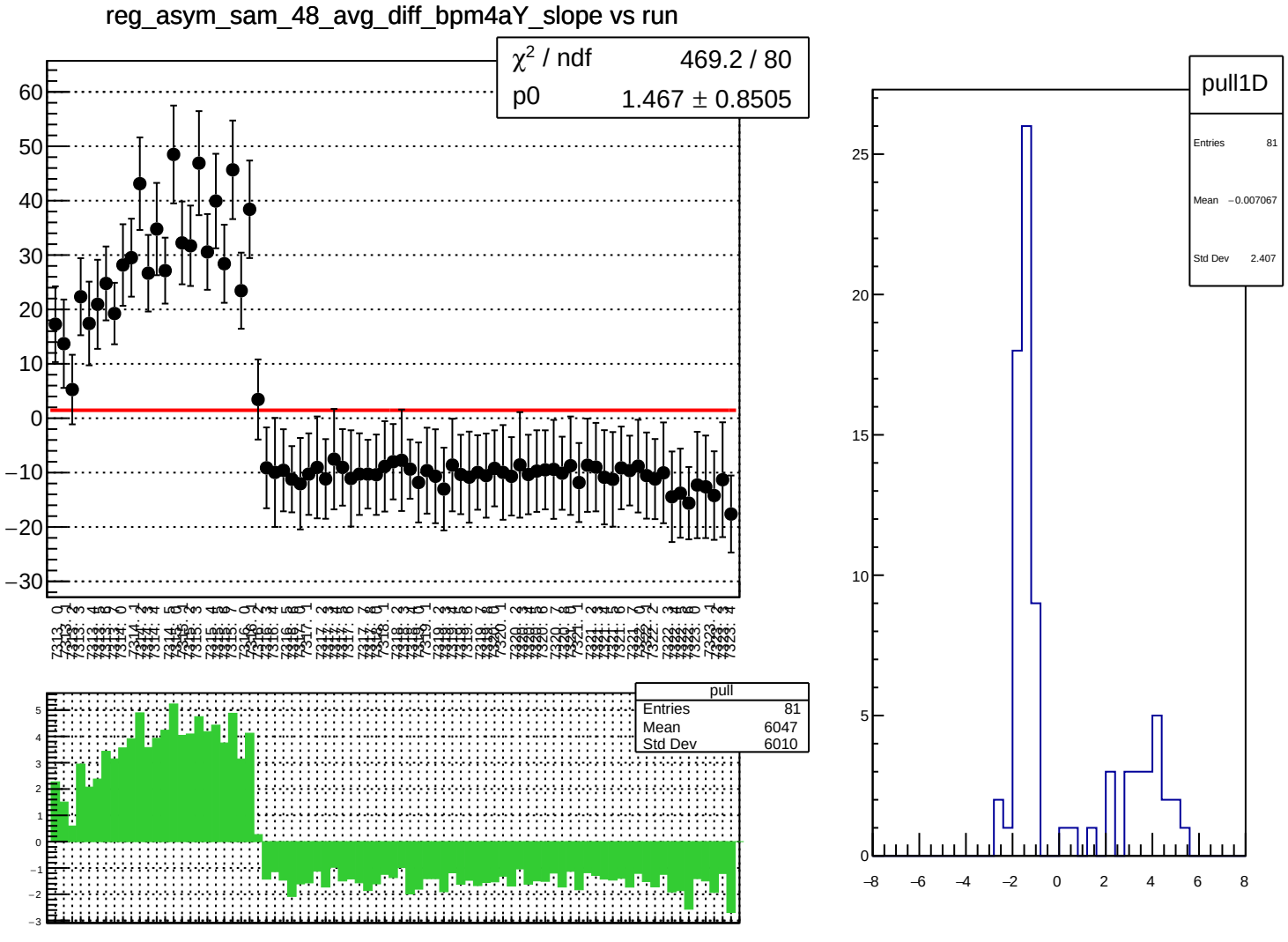

reg_asym_sam_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 13.71 / 80
p0 −93.8 ± 1.462
pull
Entries 81
Mean 151.2
Std Dev 110.7
pull1D
Entries 81
Mean −0.06501
Std Dev 0.4062

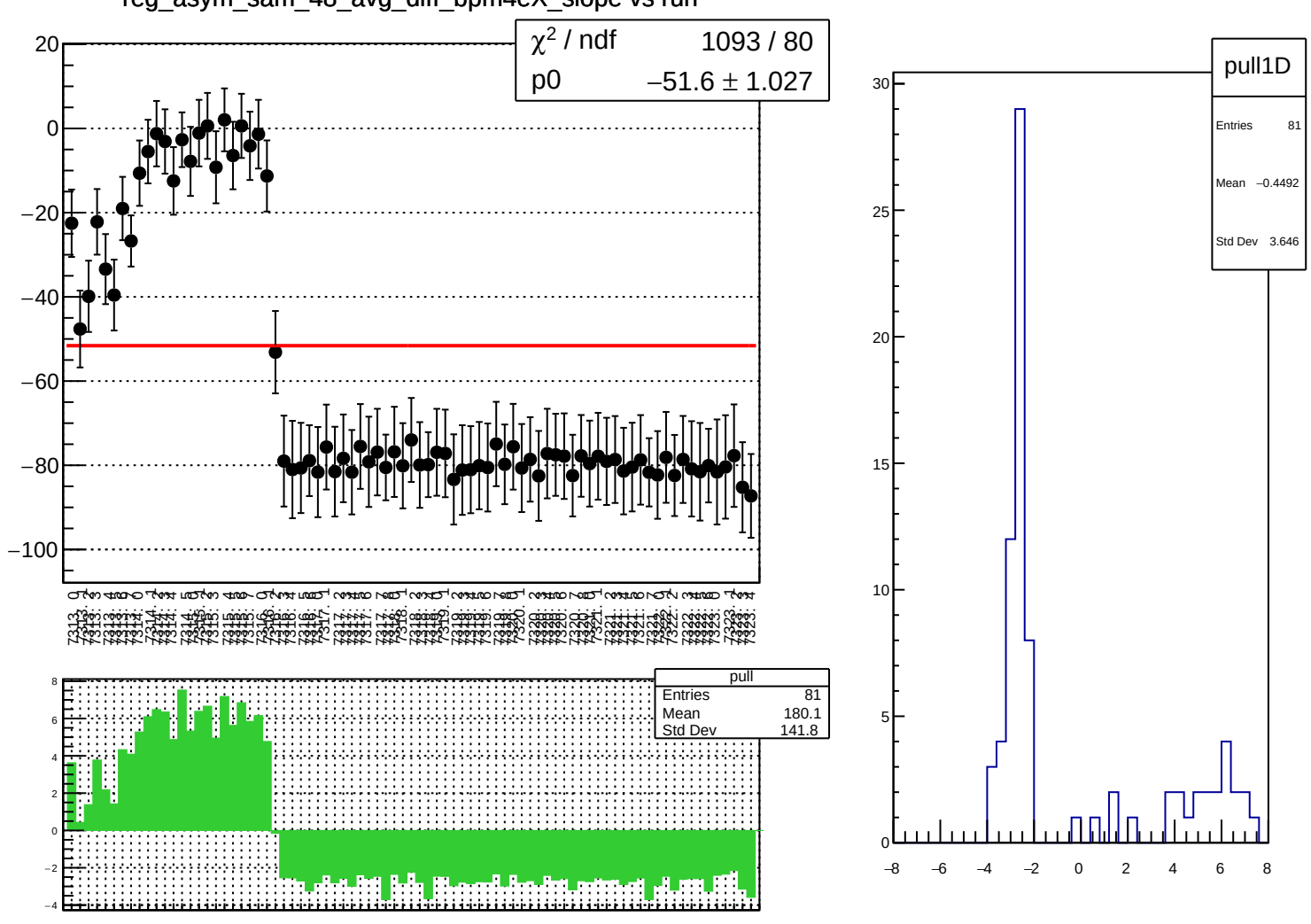

reg_asym_sam_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 11.76 / 80
p0 −113.3 ± 1.329
pull
Entries 81
Mean 78.26
Std Dev 82.04

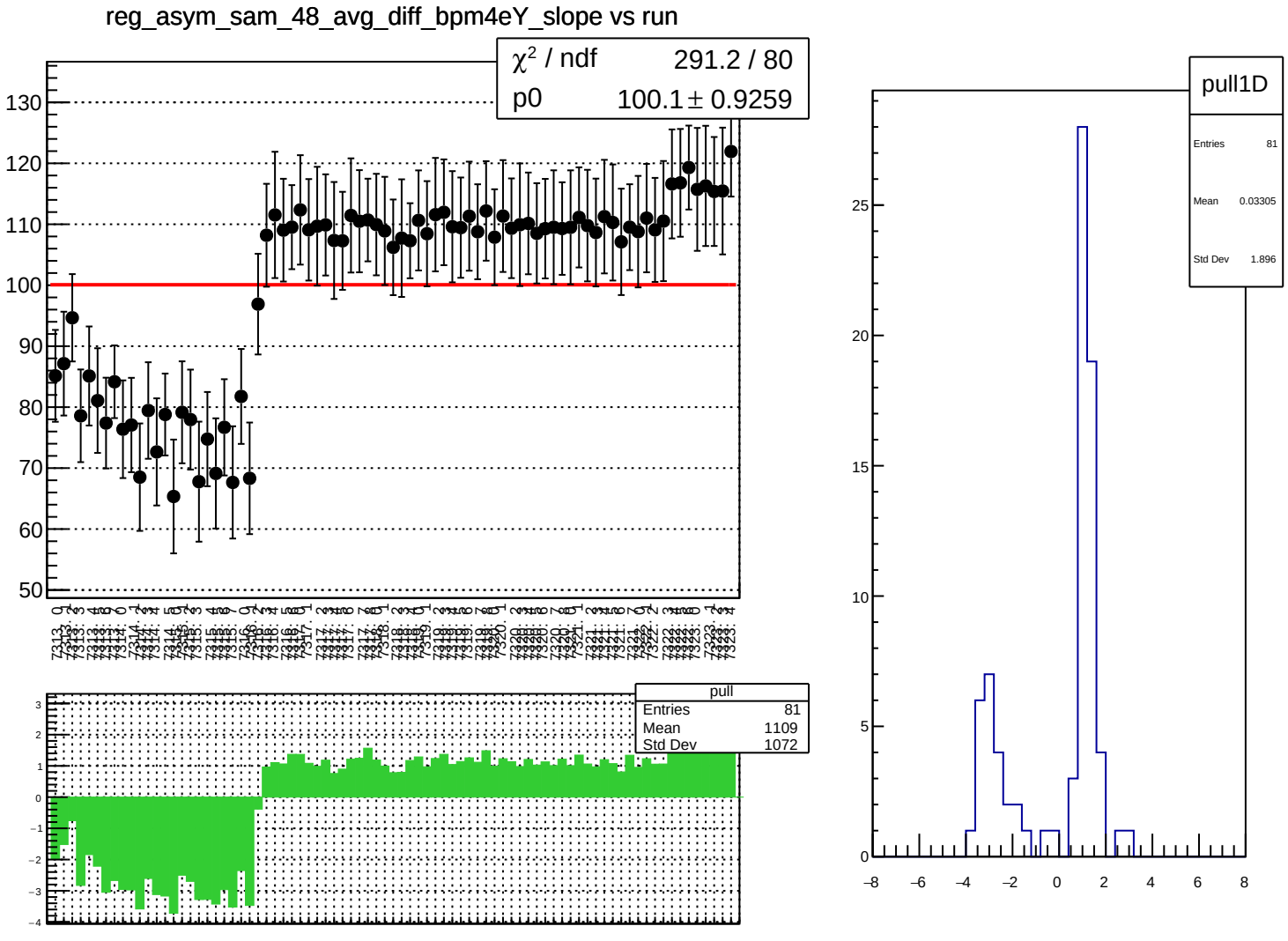

pull1D
Entries 81
Mean 0.01999
Std Dev 0.3805

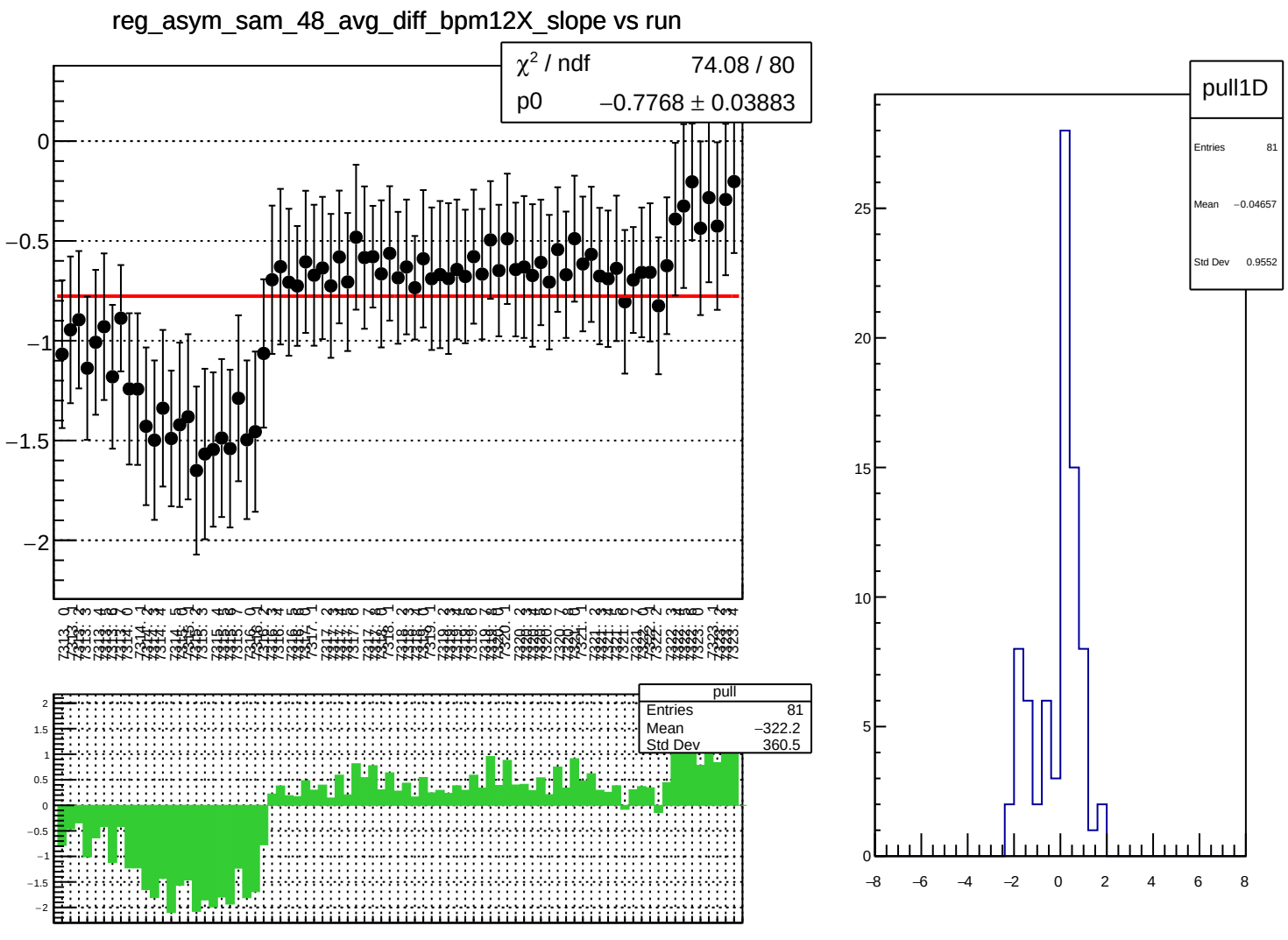

reg_asym_sam_26_dd_diff_bpm12X_slope vs run
χ² / ndf 9.389 / 80
p0 1.338 ± 0.05637
pull
Entries 81
Mean 1281
Std Dev 1209
pull1D
Entries 81
Mean −0.001071
Std Dev 0.3405

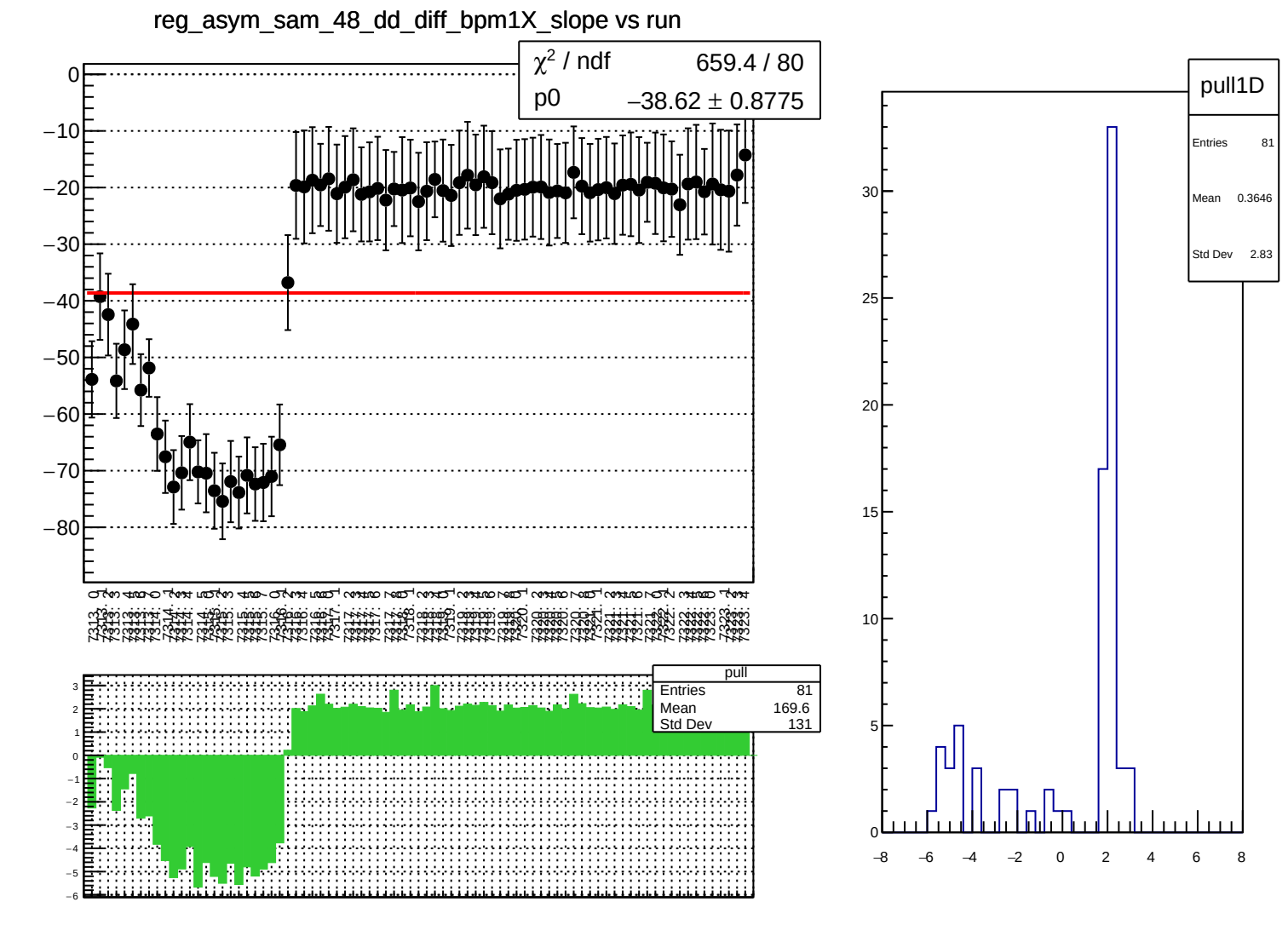

reg_asym_sam_48_avg_diff_bpm1X_slope vs run
χ² / ndf 1394 / 80
p0 −40.48 ± 1.032
pull
Entries 81
Mean 183.8
Std Dev 145.5
pull1D
Entries 81
Mean 0.7073
Std Dev 3.924

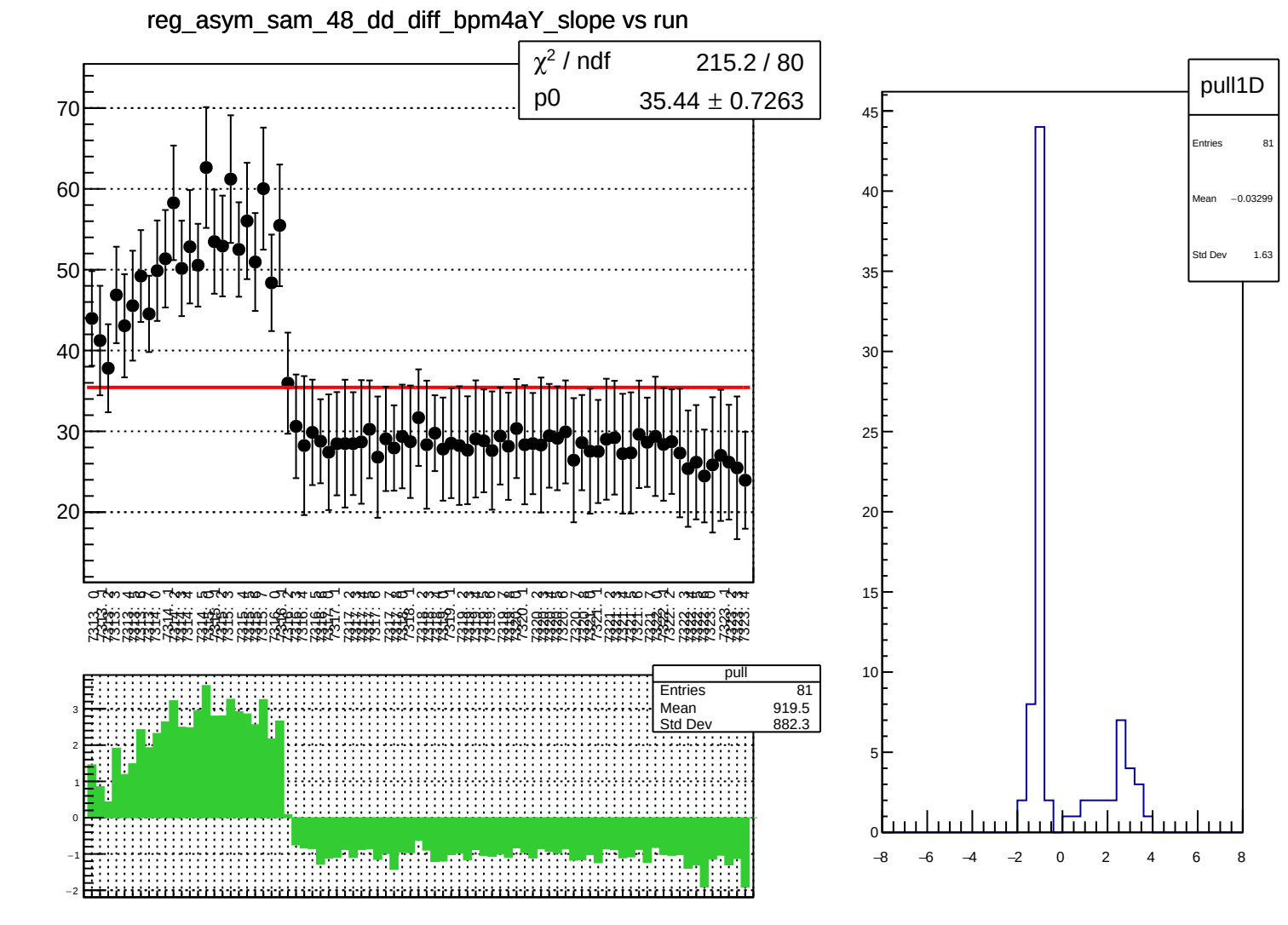

reg_asym_sam_48_avg_diff_bpm4aY_slope vs run
χ² / ndf 469.2 / 80
p0 1.467 ± 0.8505
pull
Entries 81
Mean 6047
Std Dev 6010
pull1D
Entries 81
Mean −0.007067
Std Dev 2.407

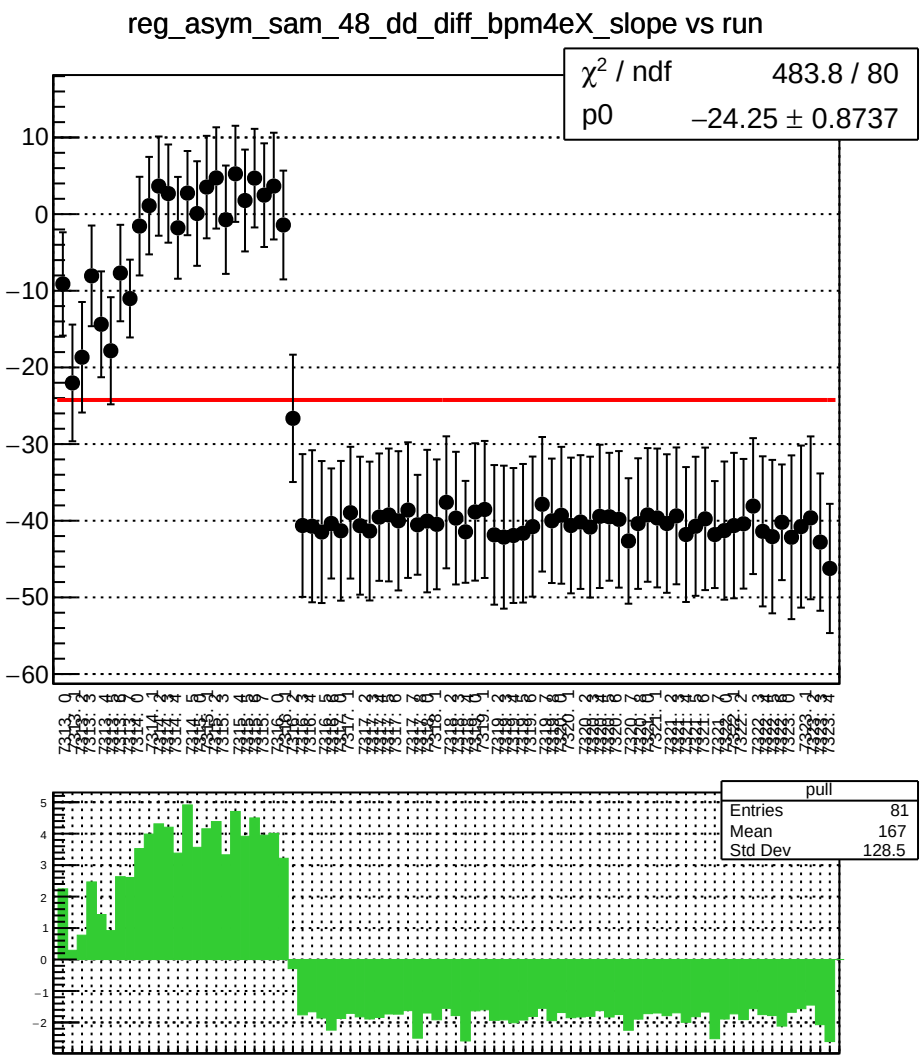

reg_asym_sam_48_avg_diff_bpm4eX_slope vs run
χ² / ndf 1093 / 80
p0 −51.6 ± 1.027
pull
Entries 81
Mean 180.1
Std Dev 141.8
pull1D
Entries 81
Mean −0.4492
Std Dev 3.646

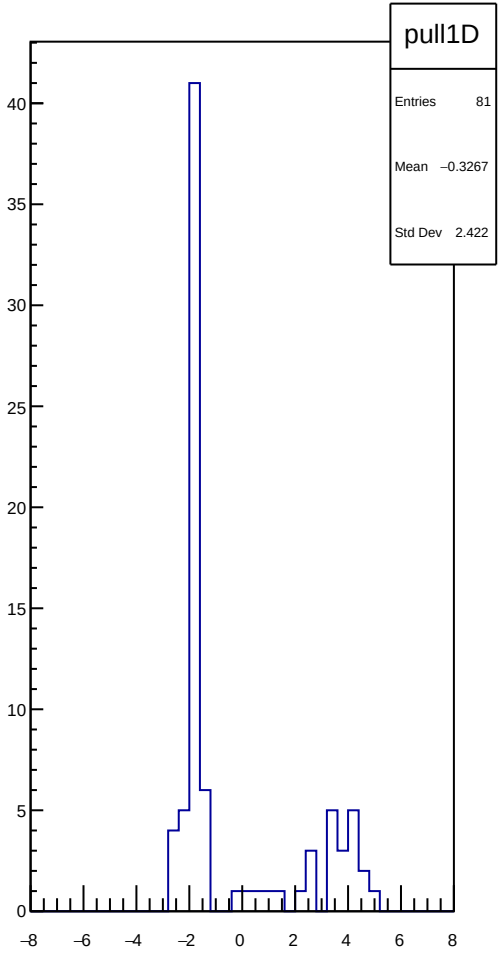

reg_asym_sam_48_avg_diff_bpm4eY_slope vs run
χ² / ndf 291.2 / 80
p0 100.1 ± 0.9259
pull
Entries 81
Mean 1109
Std Dev 1072
pull1D
Entries 81
Mean 0.03305
Std Dev 1.896

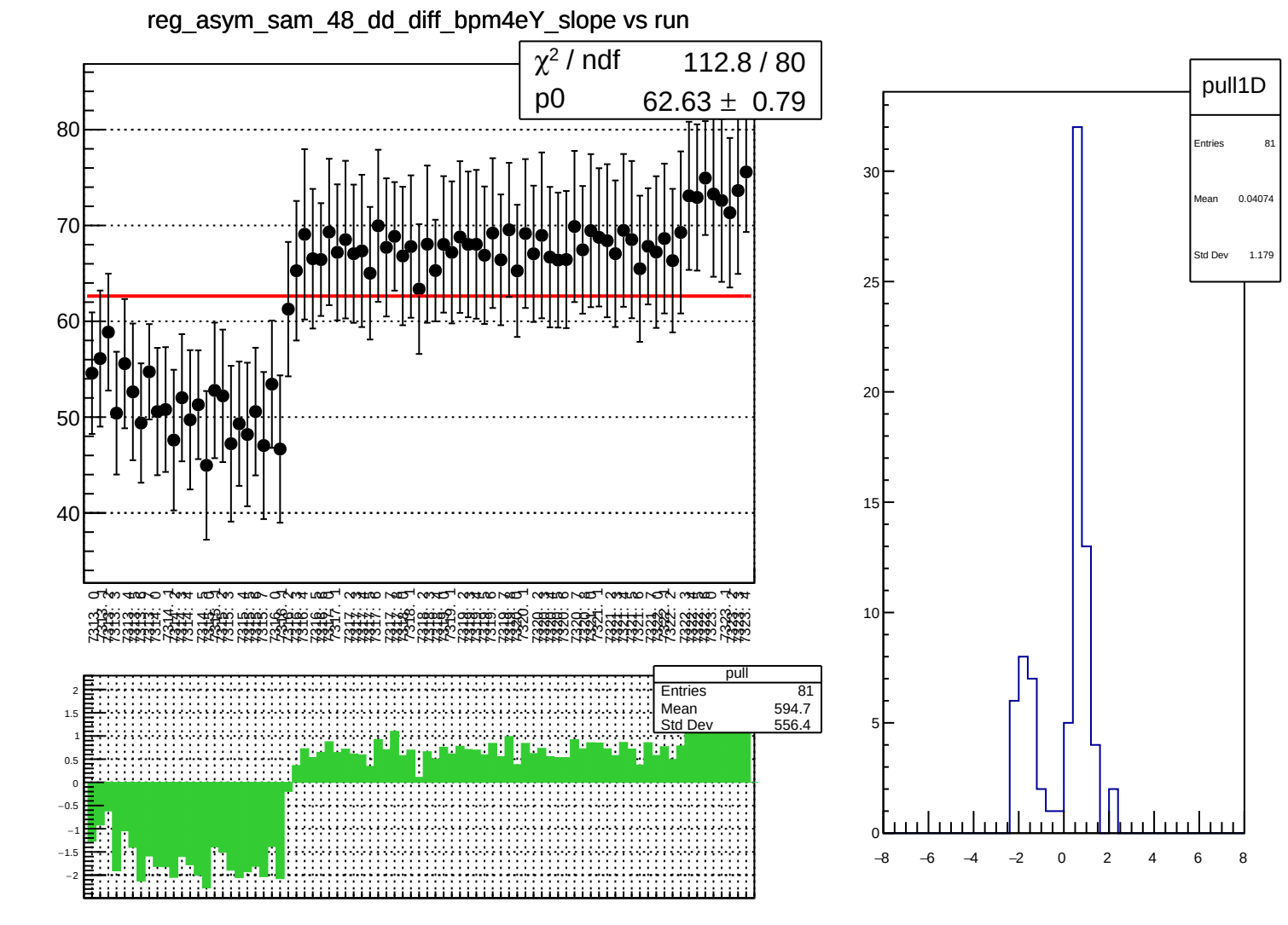

reg_asym_sam_48_avg_diff_bpm12X_slope vs run
χ² / ndf 74.08 / 80
p0 −0.7768 ± 0.03883
pull
Entries 81
Mean −322.2
Std Dev 360.5
pull1D
Entries 81
Mean −0.04657
Std Dev 0.9552

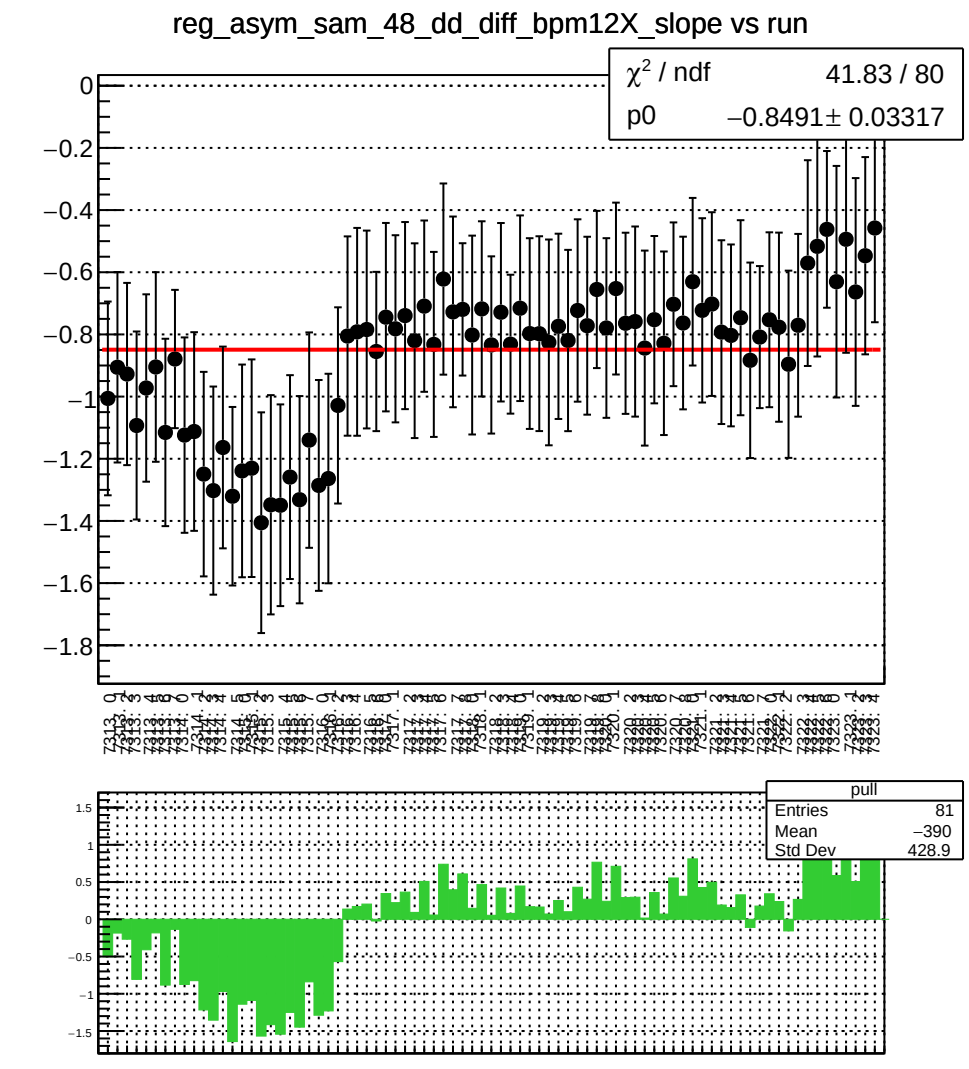

reg_asym_sam_48_dd_diff_bpm1X_slope vs run
χ² / ndf 659.4 / 80
p0 −38.62 ± 0.8775
pull
Entries 81
Mean 169.6
Std Dev 131
pull1D
Entries 81
Mean 0.3646
Std Dev 2.83

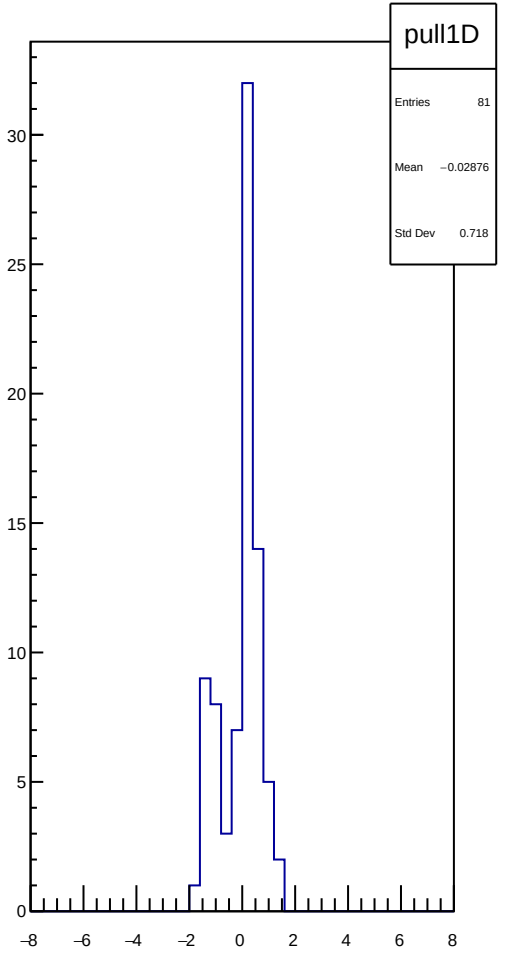

reg_asym_sam_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 215.2 / 80
p0 35.44 ± 0.7263
pull
Entries 81
Mean 919.5
Std Dev 882.3
pull1D
Entries 81
Mean −0.03299
Std Dev 1.63

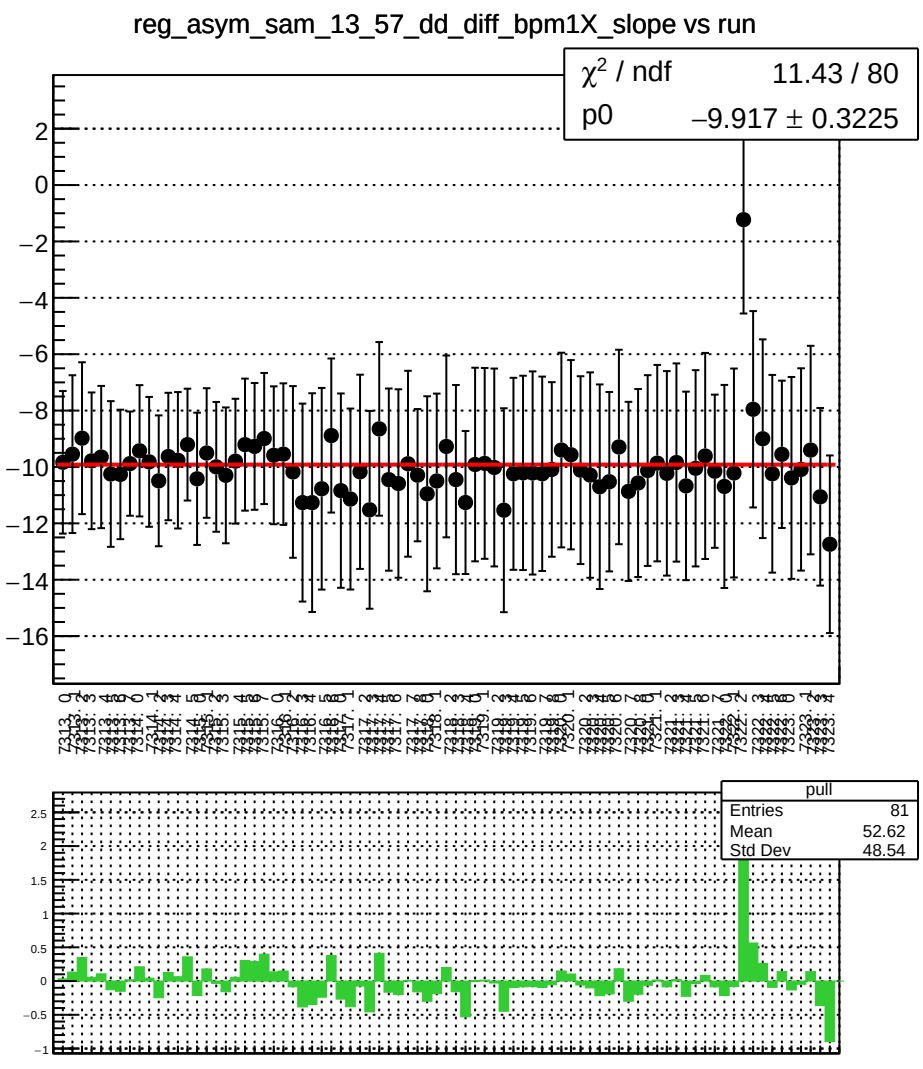

reg_asym_sam_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 483.8 / 80
p0 −24.25 ± 0.8737
pull
Entries 81
Mean 167
Std Dev 128.5

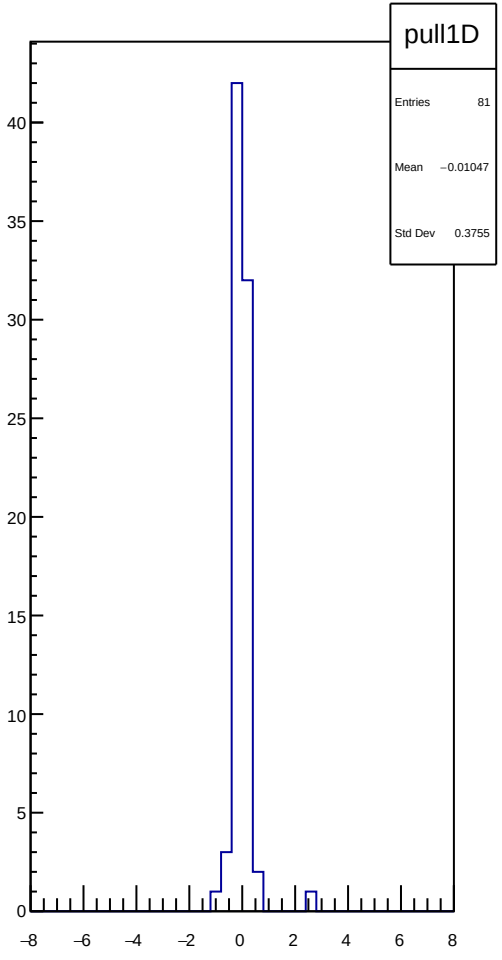

pull1D
Entries 81
Mean −0.3267
Std Dev 2.422

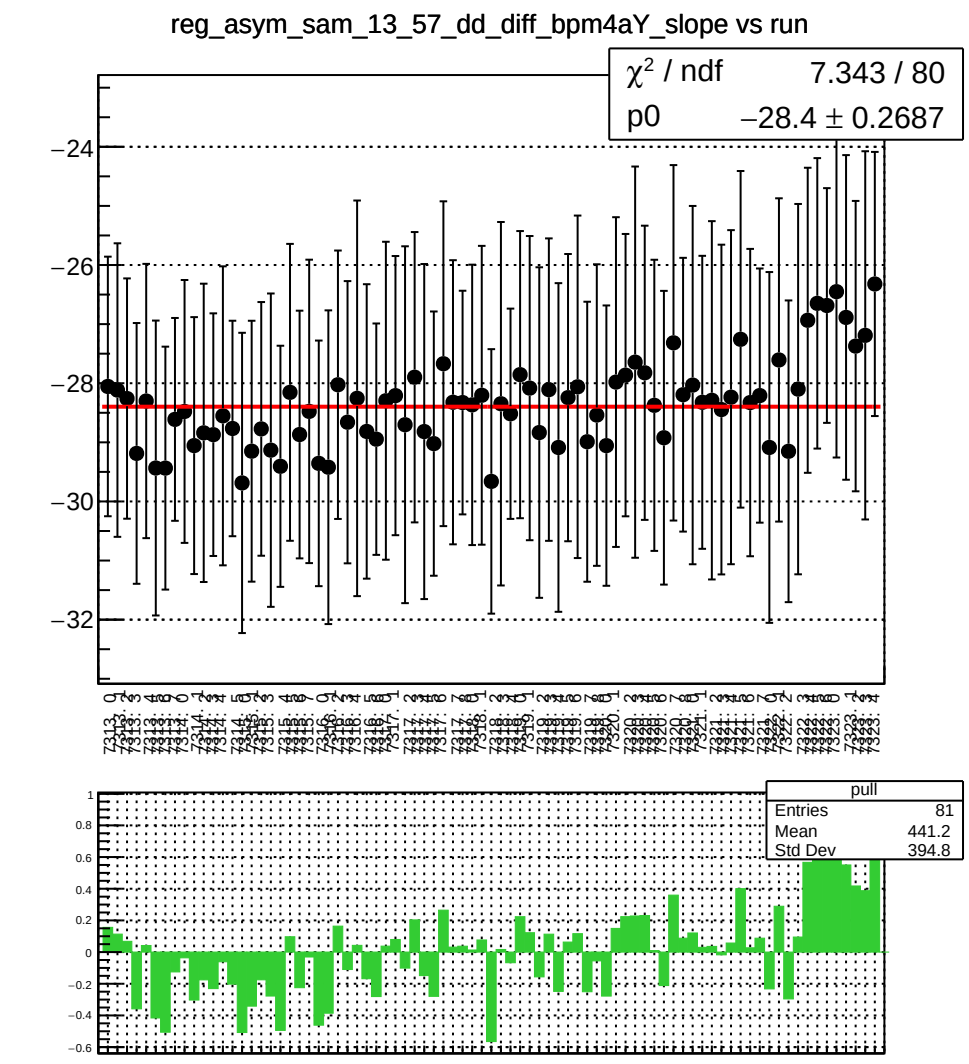

reg_asym_sam_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 112.8 / 80
p0 62.63 ± 0.79
pull
Entries 81
Mean 594.7
Std Dev 556.4
pull1D
Entries 81
Mean 0.04074
Std Dev 1.179

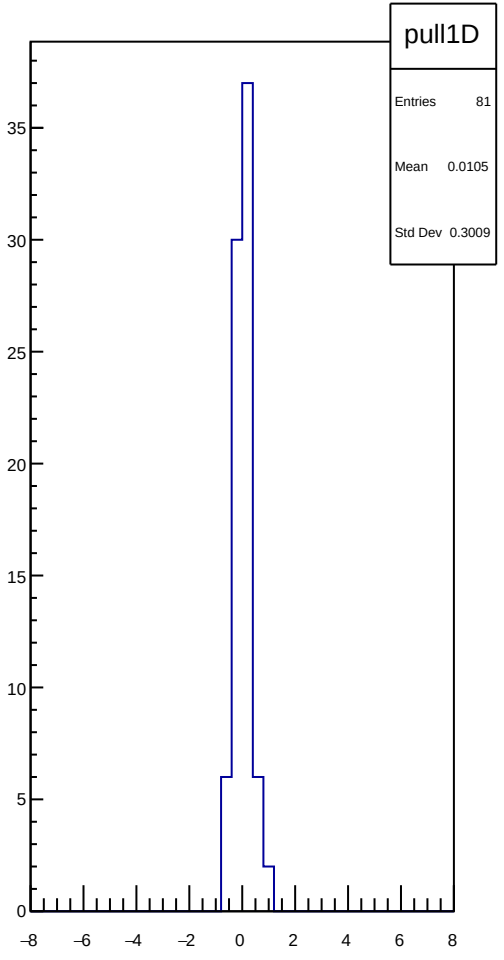

reg_asym_sam_48_dd_diff_bpm12X_slope vs run
χ² / ndf 41.83 / 80
p0 −0.8491± 0.03317
pull
Entries 81
Mean −390
Std Dev 428.9

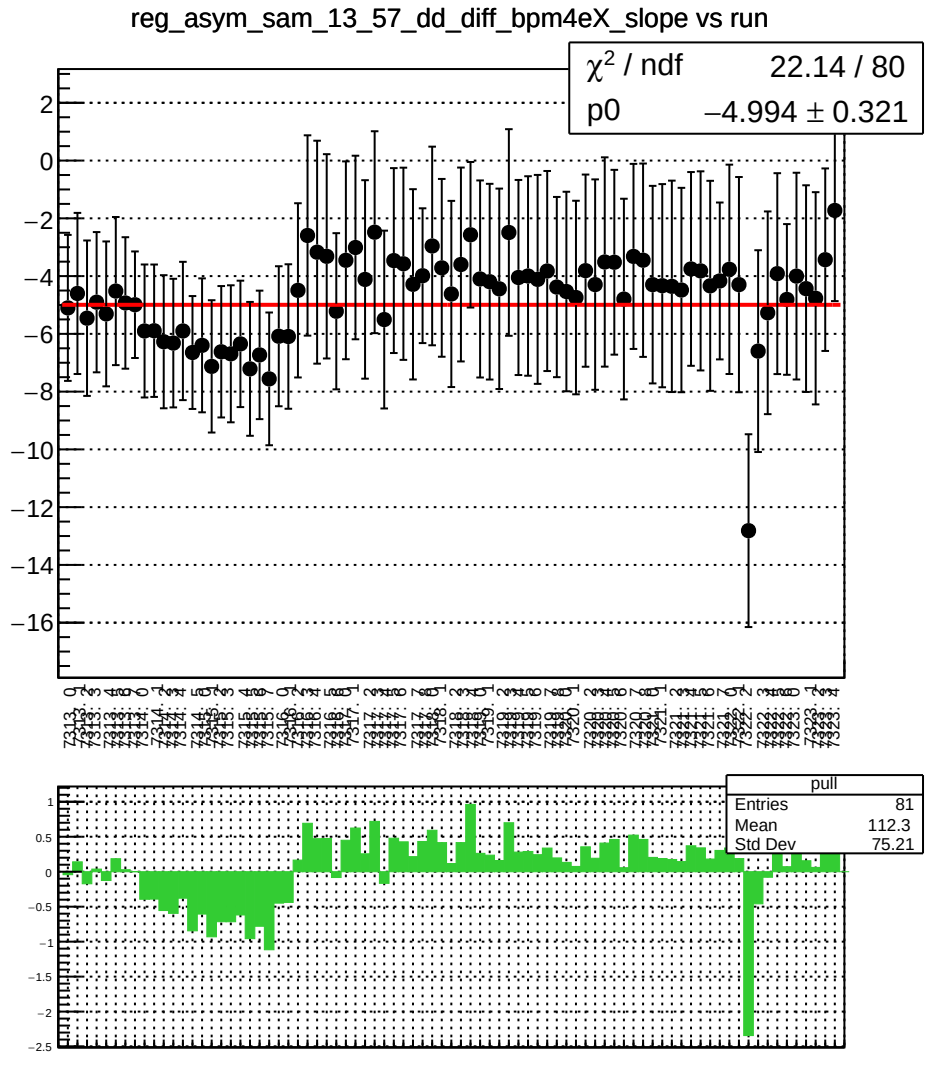

pull1D
Entries 81
Mean −0.02876
Std Dev 0.718

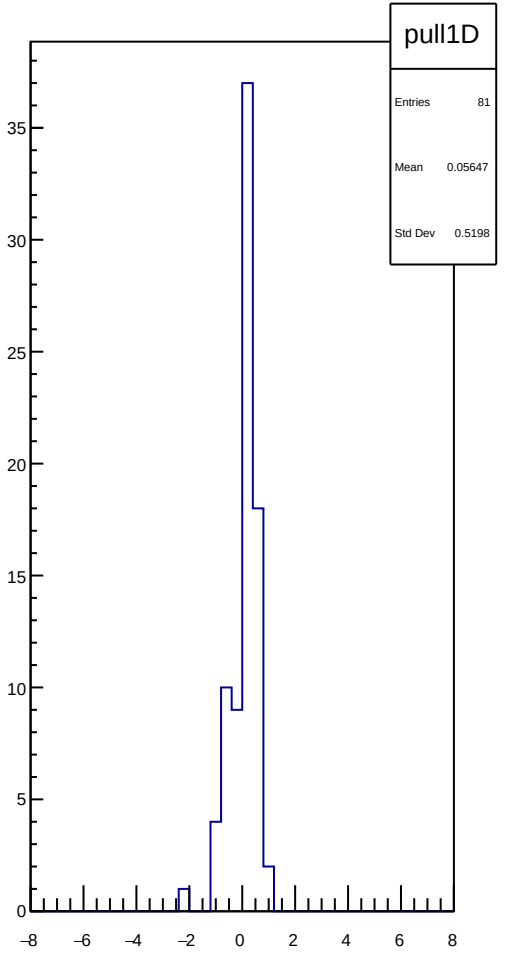

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs run
χ² / ndf 11.43 / 80
p0 −9.917 ± 0.3225
pull
Entries 81
Mean 52.62
Std Dev 48.54

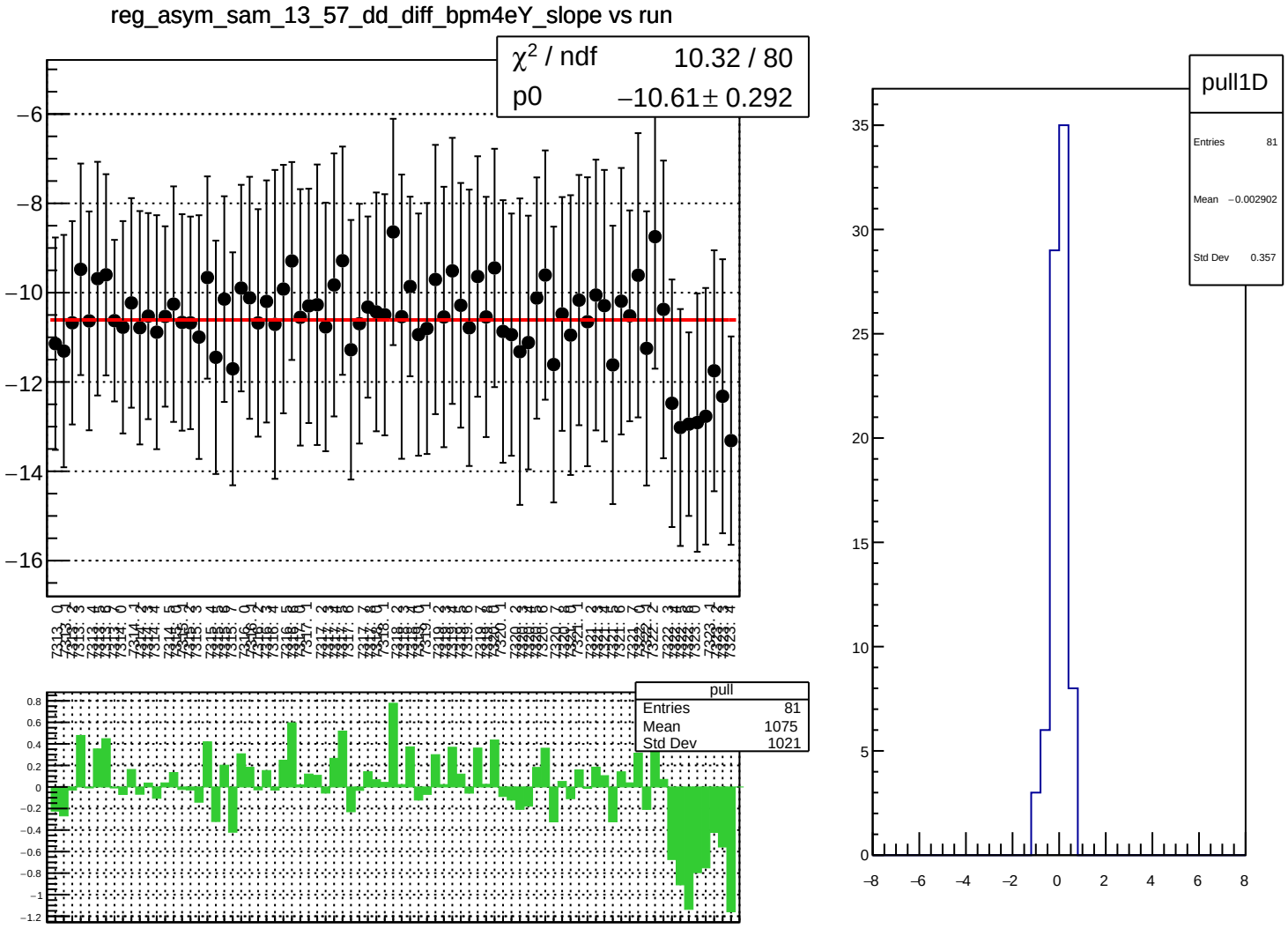

pull1D
Entries 81
Mean −0.01047
Std Dev 0.3755

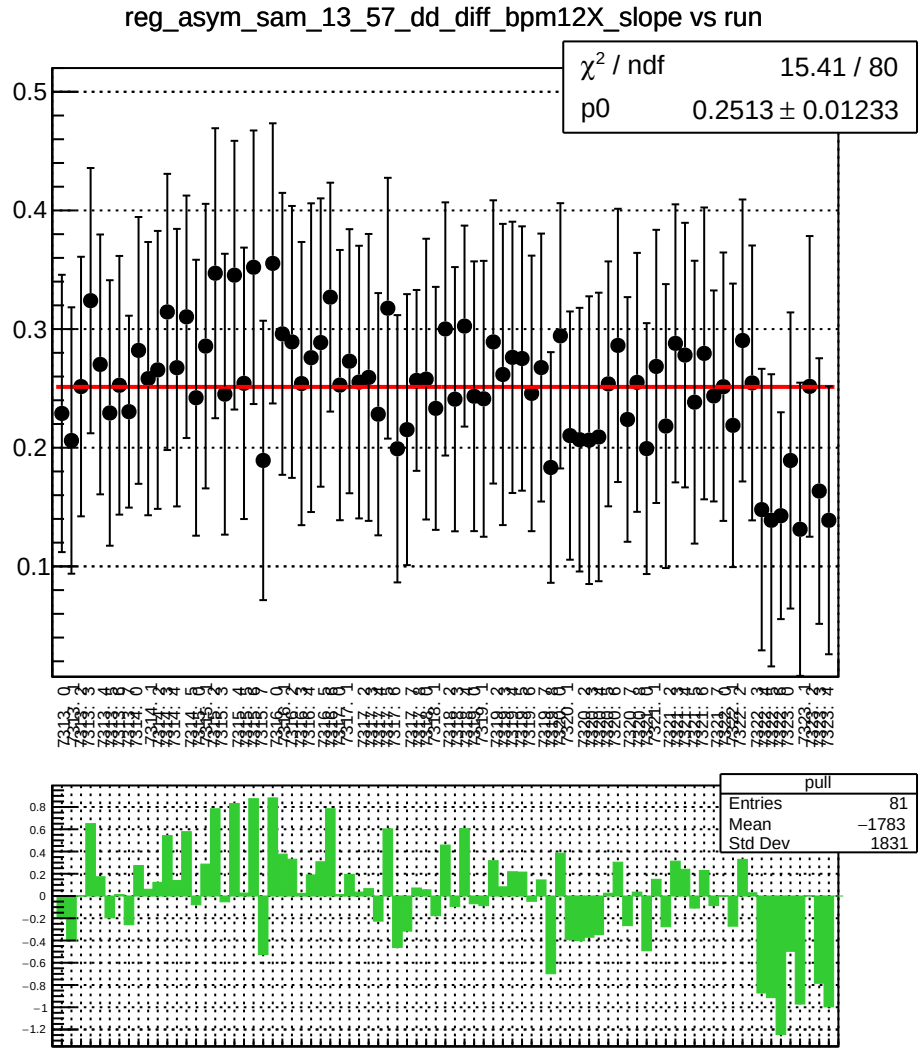

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs run
χ² / ndf 7.343 / 80
p0 −28.4 ± 0.2687
pull
Entries 81
Mean 441.2
Std Dev 394.8

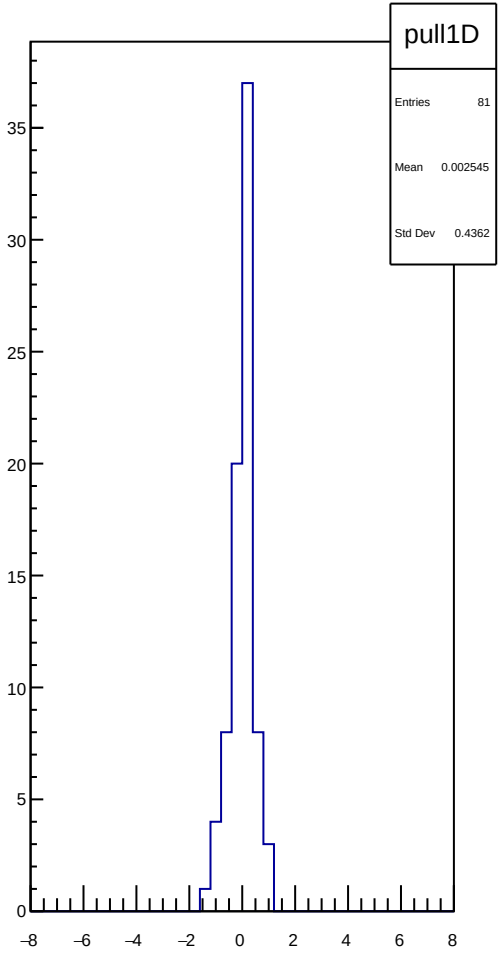

pull1D
Entries 81
Mean 0.0105
Std Dev 0.3009

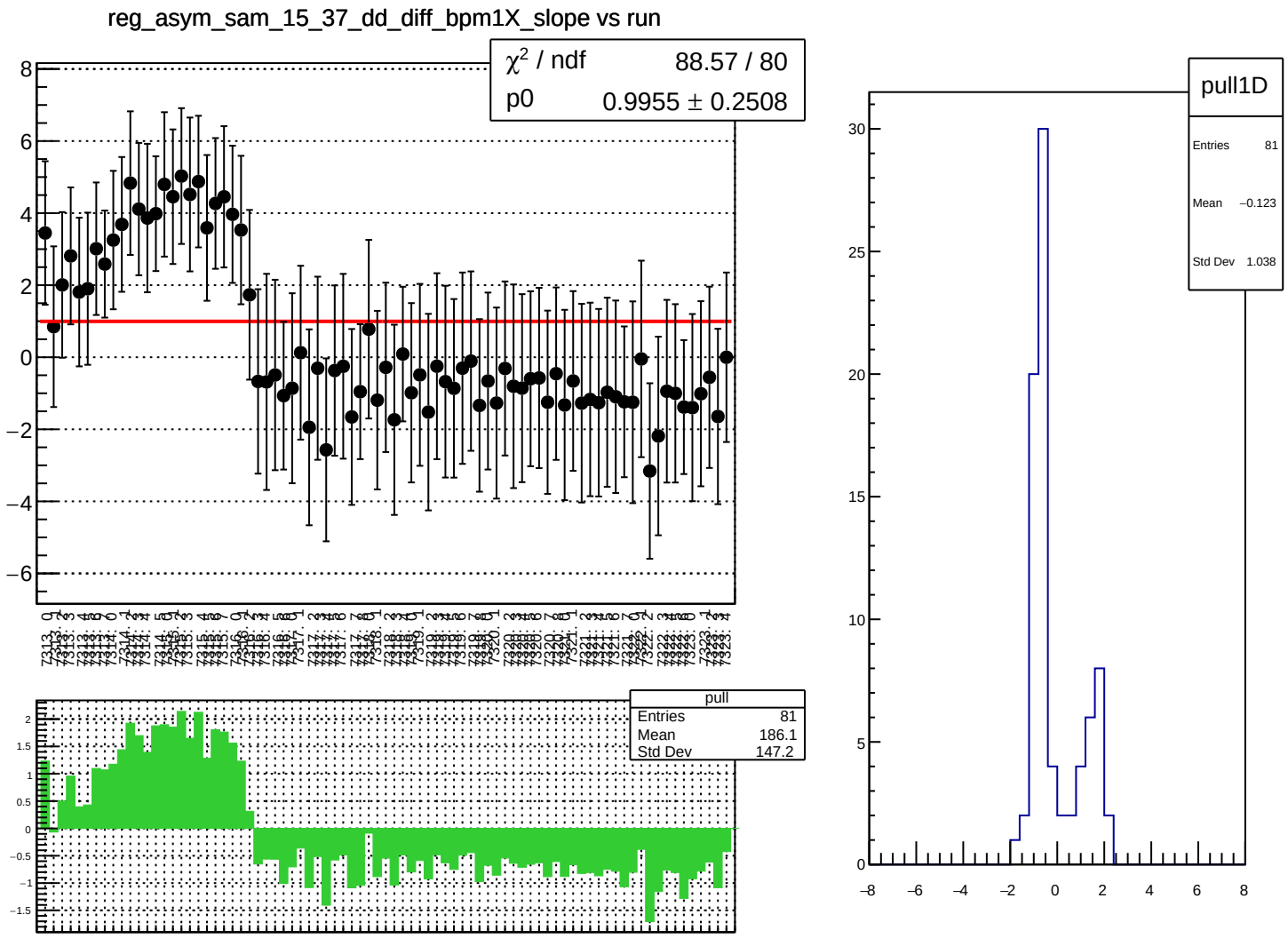

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs run
χ² / ndf 22.14 / 80
p0 −4.994 ± 0.321
pull
Entries 81
Mean 112.3
Std Dev 75.21

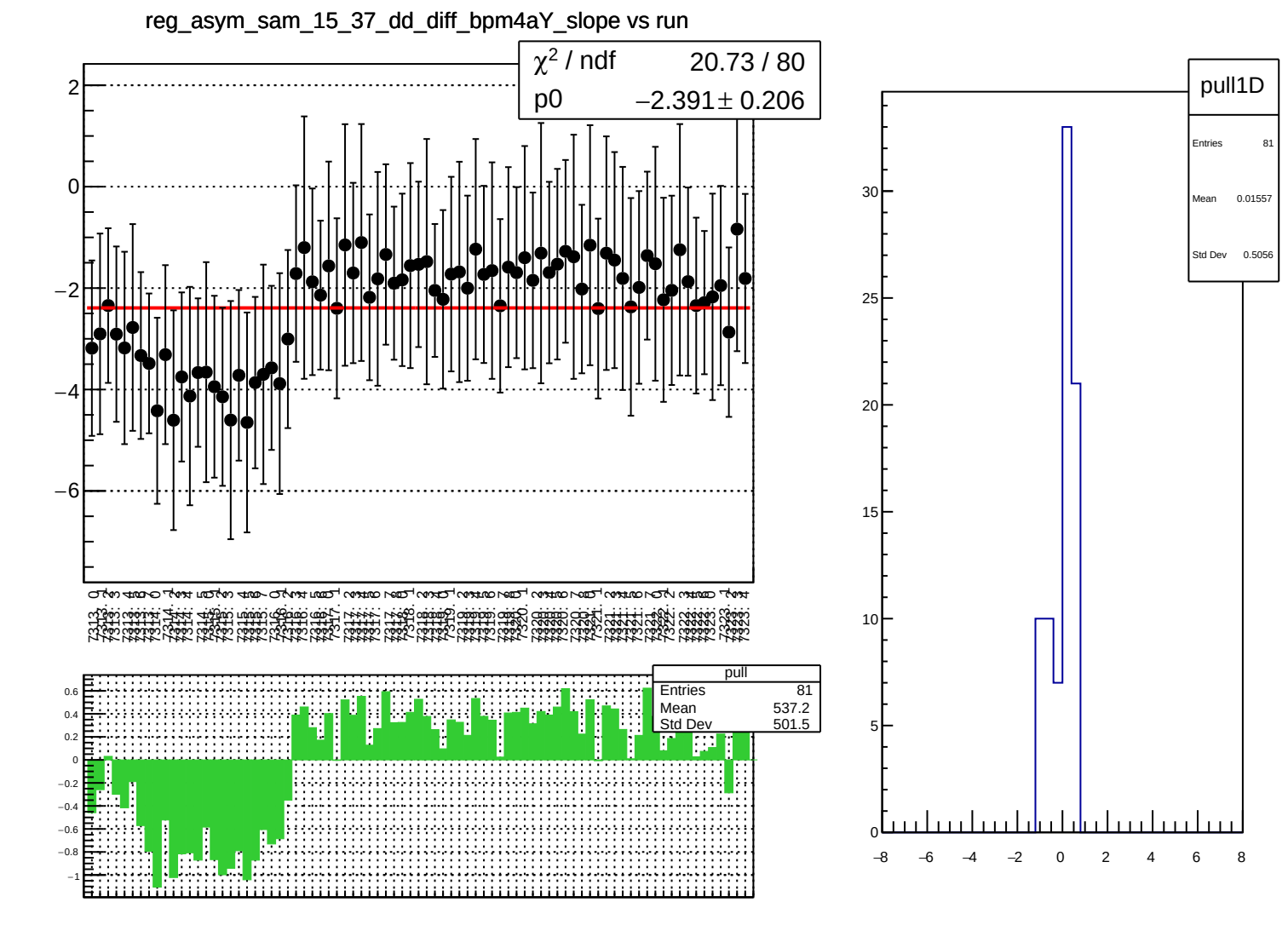

pull1D
Entries 81
Mean 0.05647
Std Dev 0.5198

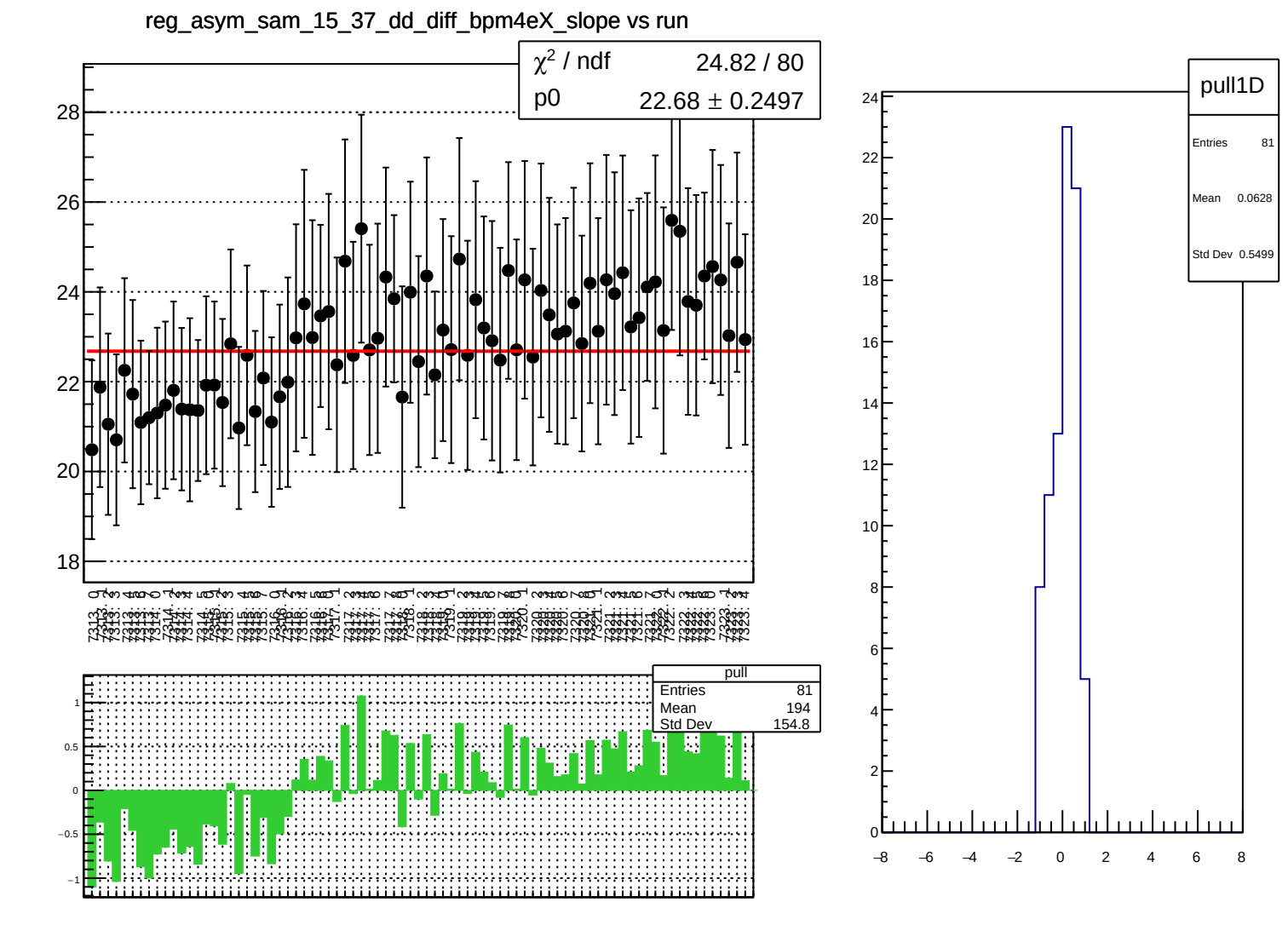

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs run
χ² / ndf 10.32 / 80
p0 −10.61 ± 0.292
pull
Entries 81
Mean 1075
Std Dev 1021
pull1D
Entries 81
Mean −0.002902
Std Dev 0.357

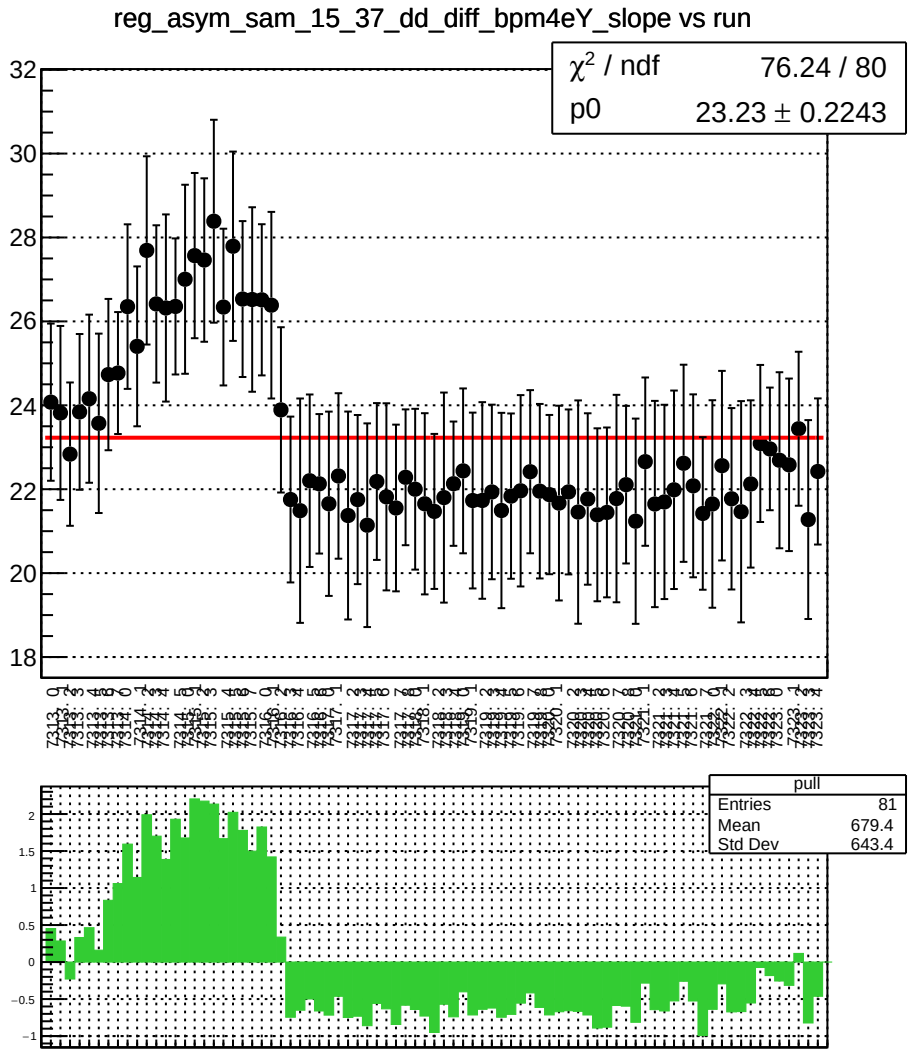

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs run
χ² / ndf 15.41 / 80
p0 0.2513 ± 0.01233
pull
Entries 81
Mean −1783
Std Dev 1831

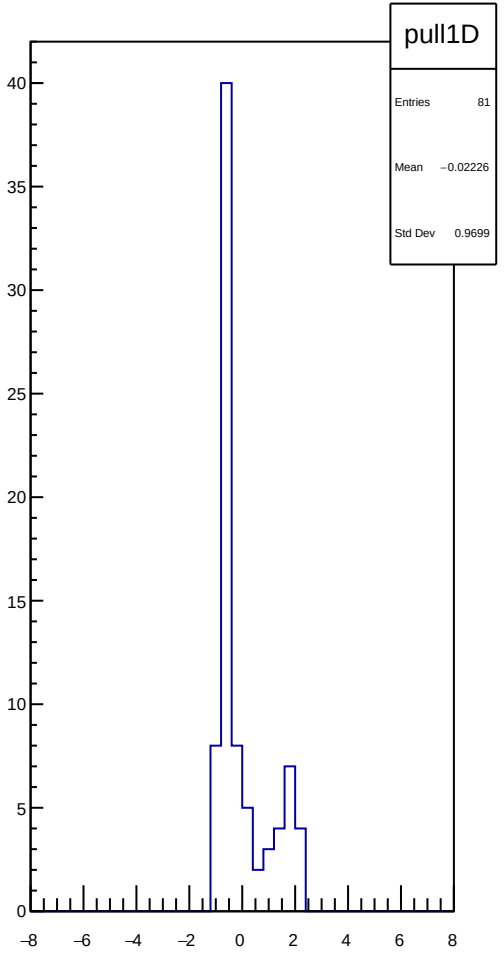

pull1D
Entries 81
Mean 0.002545
Std Dev 0.4362

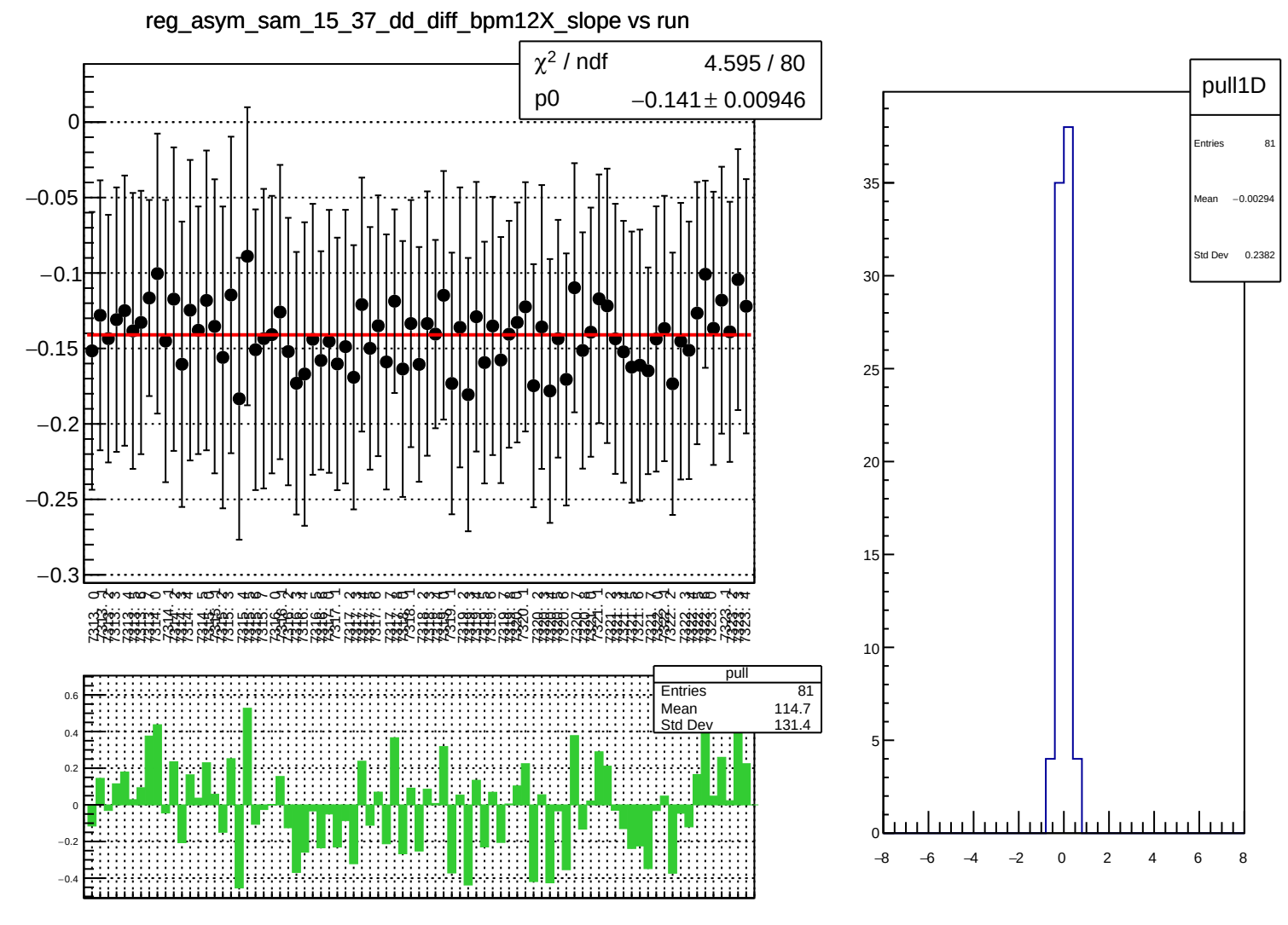

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs run
χ² / ndf 88.57 / 80
p0 0.9955 ± 0.2508
pull
Entries 81
Mean 186.1
Std Dev 147.2
pull1D
Entries 81
Mean −0.123
Std Dev 1.038

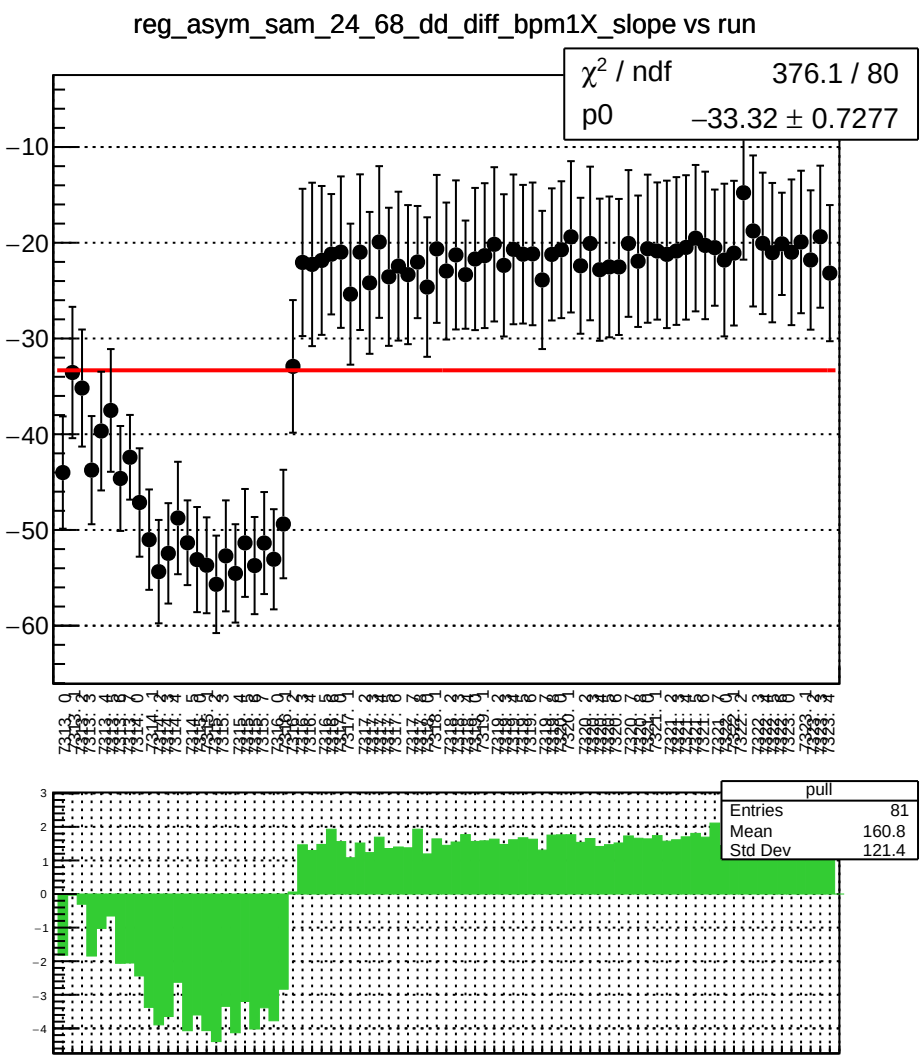

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs run
χ² / ndf 20.73 / 80
p0 −2.391 ± 0.206
pull
Entries 81
Mean 537.2
Std Dev 501.5
pull1D
Entries 81
Mean 0.01557
Std Dev 0.5056

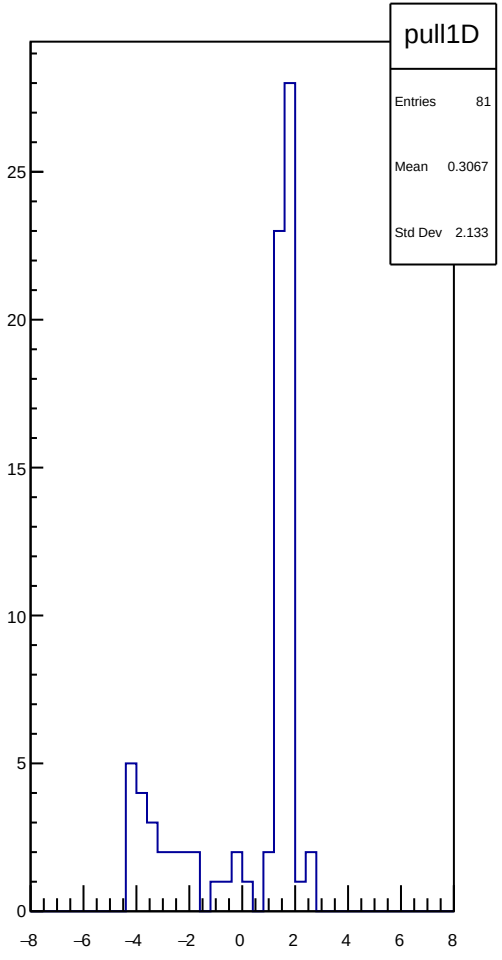

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs run
χ² / ndf 24.82 / 80
p0 22.68 ± 0.2497
pull
Entries 81
Mean 194
Std Dev 154.8
pull1D
Entries 81
Mean 0.0628
Std Dev 0.5499

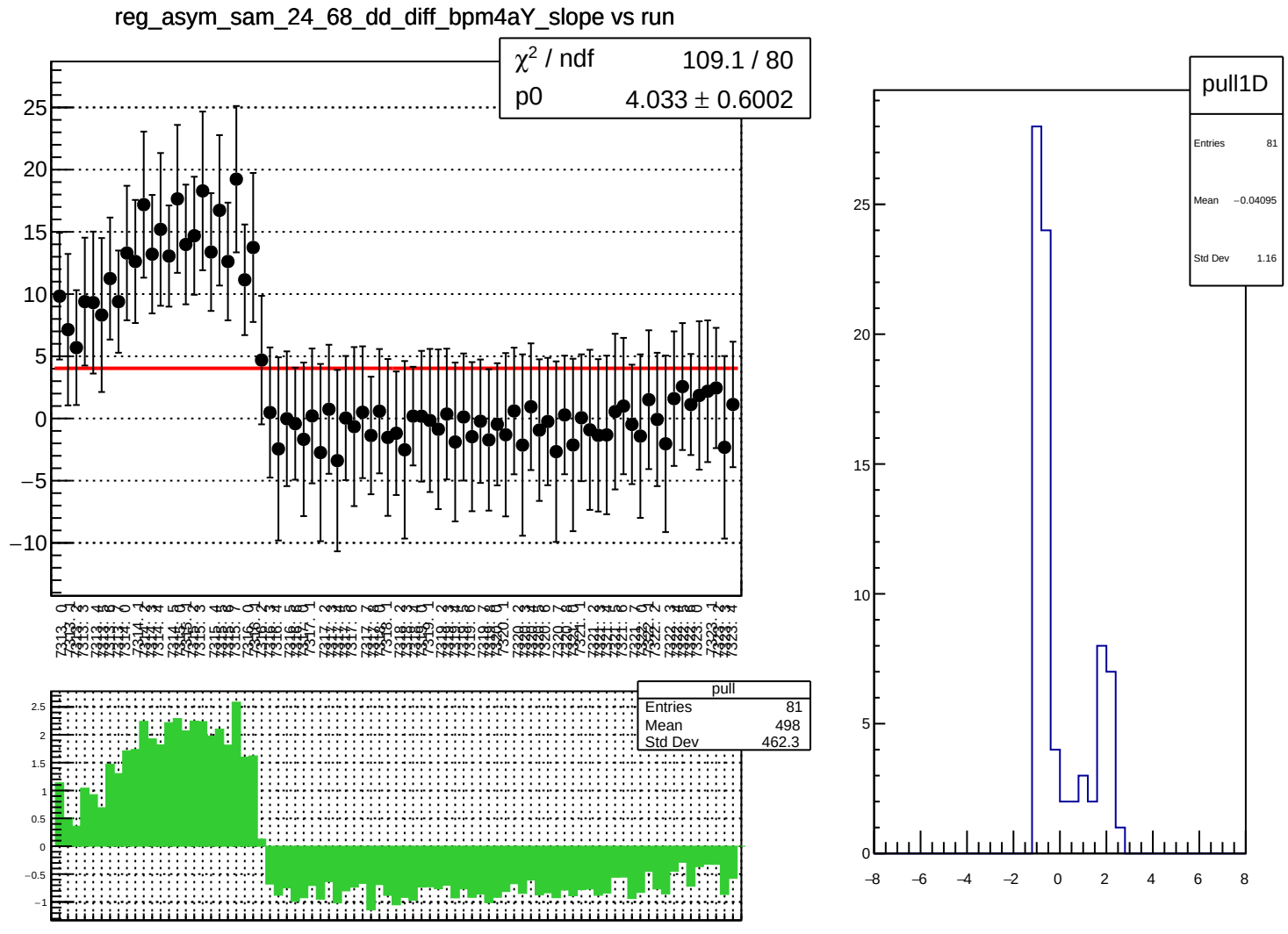

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs run
χ² / ndf 76.24 / 80
p0 23.23 ± 0.2243
pull
Entries 81
Mean 679.4
Std Dev 643.4

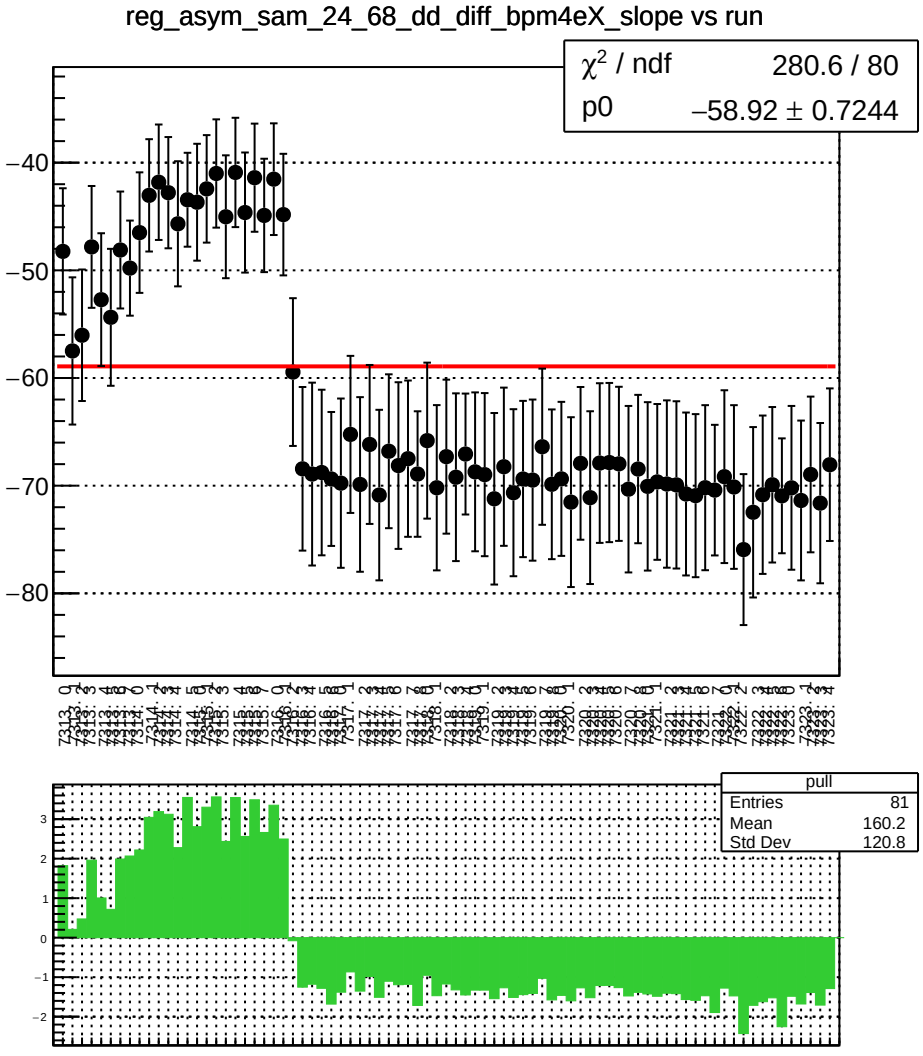

pull1D
Entries 81
Mean −0.02226
Std Dev 0.9699

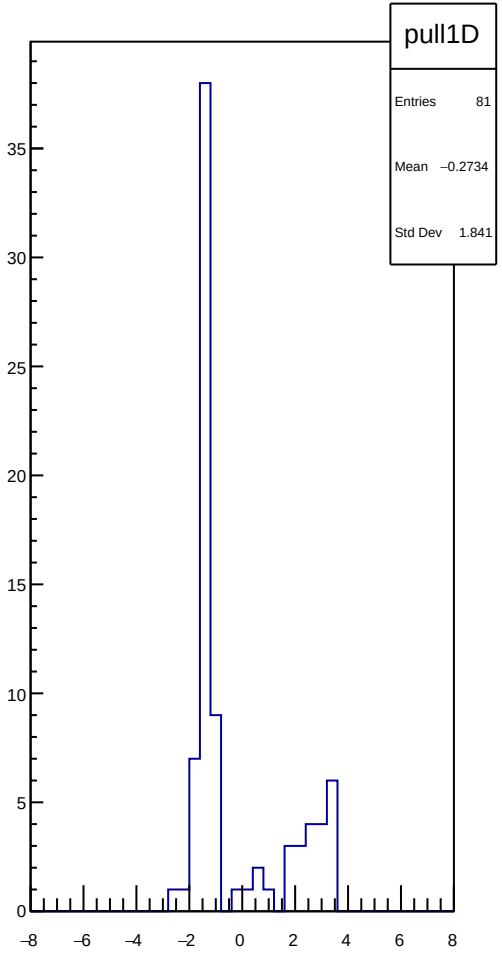

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs run
χ² / ndf 4.595 / 80
p0 −0.141 ± 0.00946
pull
Entries 81
Mean 114.7
Std Dev 131.4
pull1D
Entries 81
Mean −0.00294
Std Dev 0.2382

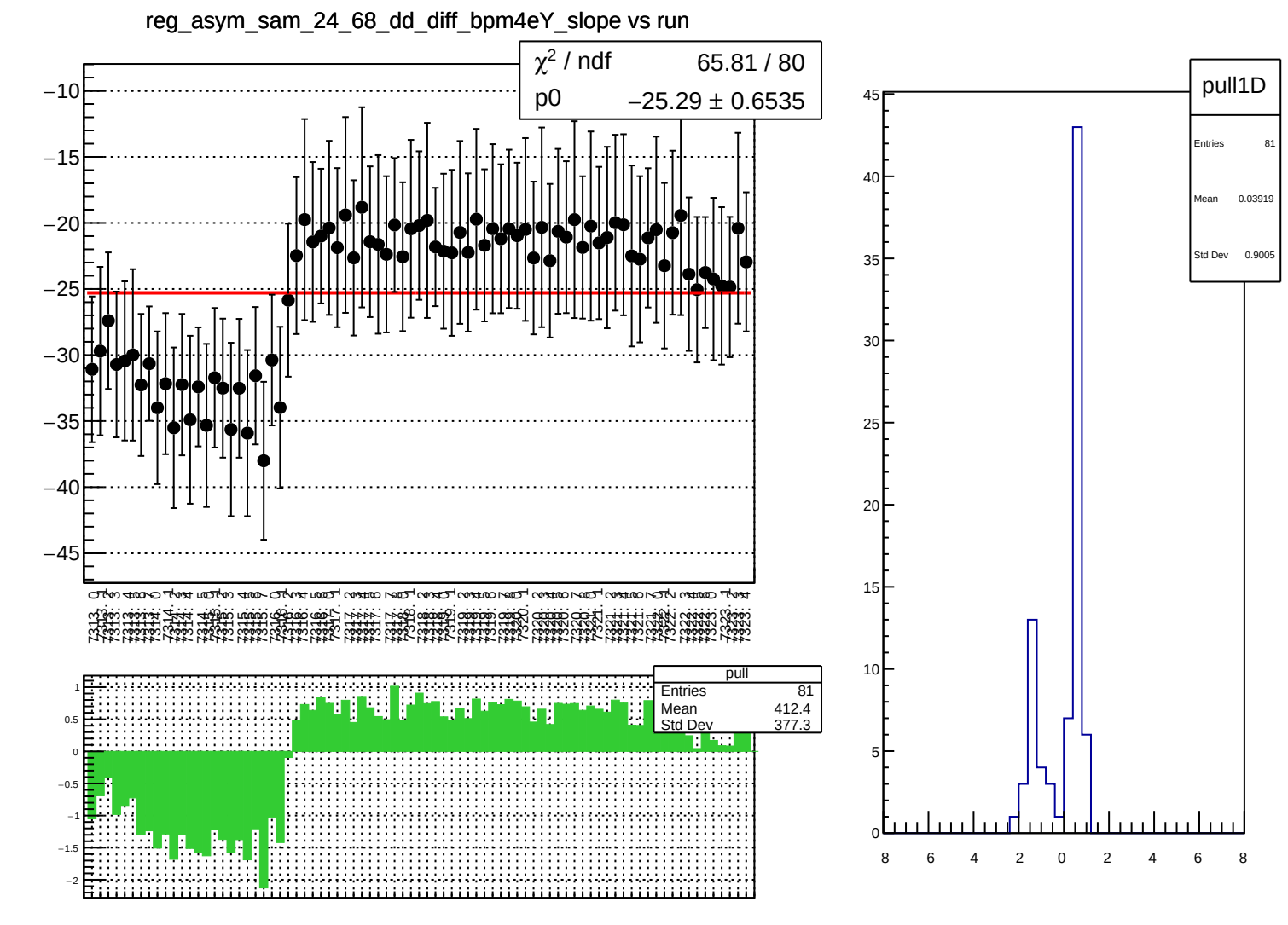

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs run
χ² / ndf 376.1 / 80
p0 −33.32 ± 0.7277
pull
Entries 81
Mean 160.8
Std Dev 121.4

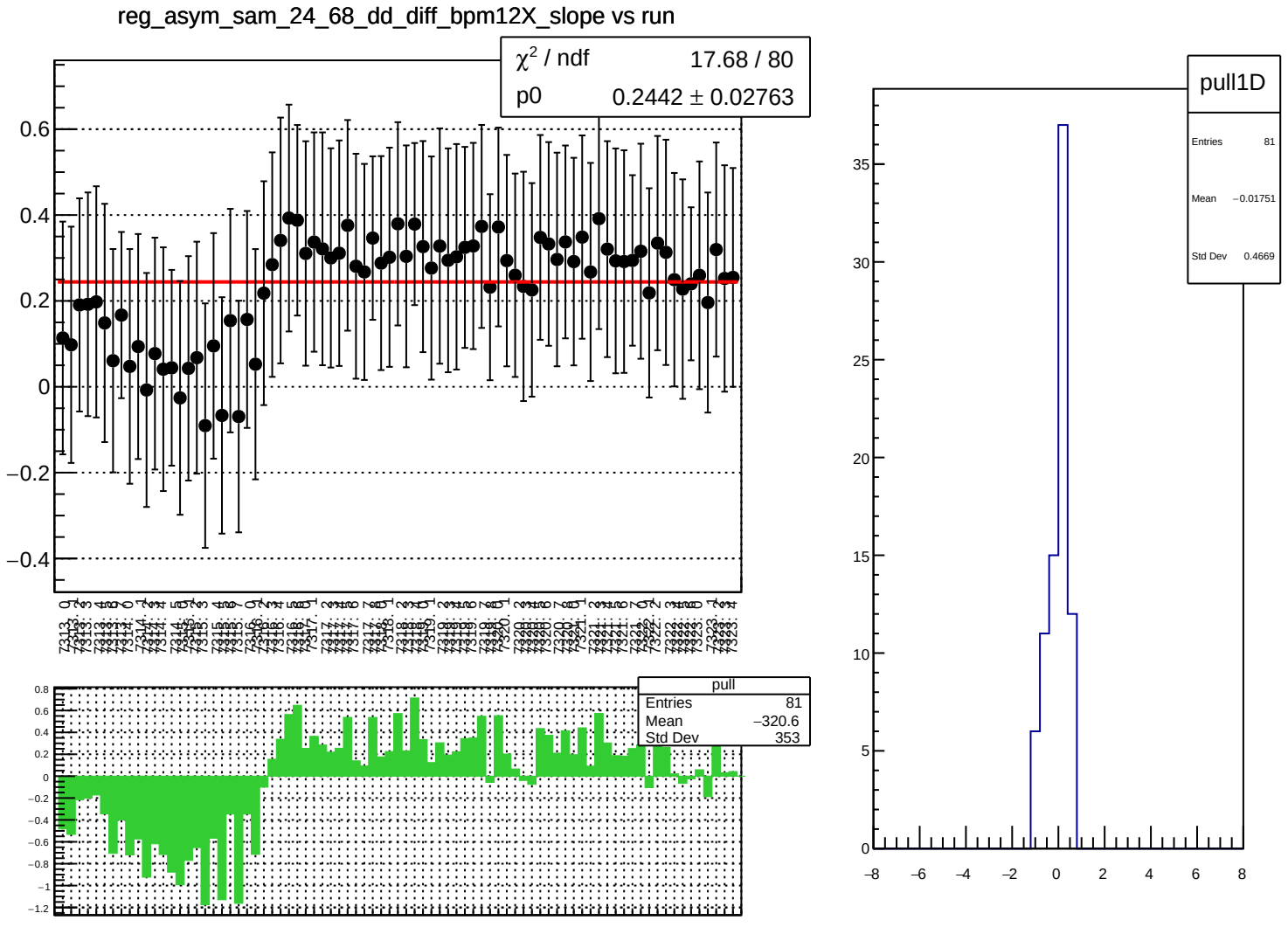

pull1D
Entries 81
Mean 0.3067
Std Dev 2.133

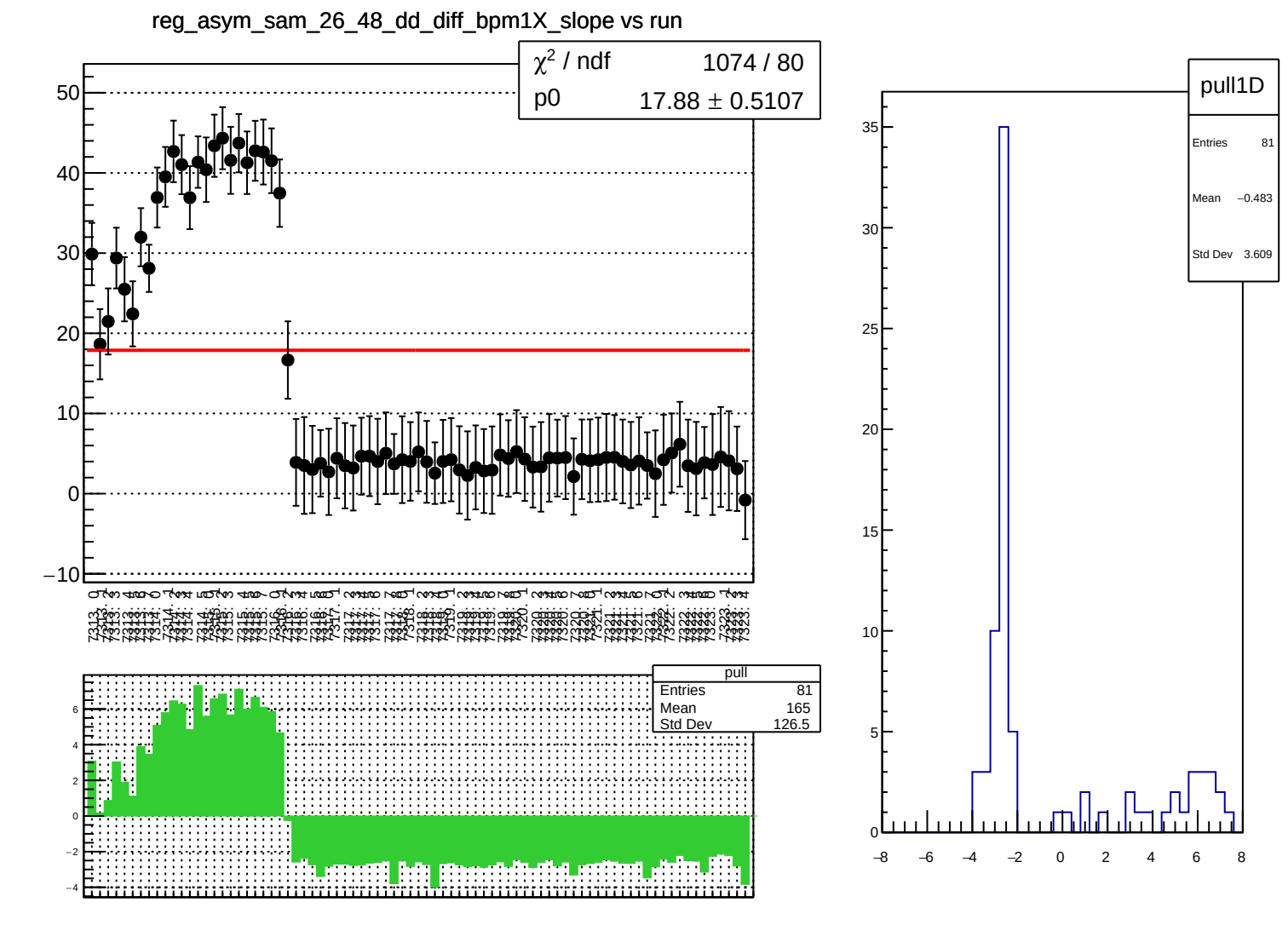

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs run
χ² / ndf 109.1 / 80
p0 4.033 ± 0.6002
pull
Entries 81
Mean 498
Std Dev 462.3
pull1D
Entries 81
Mean −0.04095
Std Dev 1.16

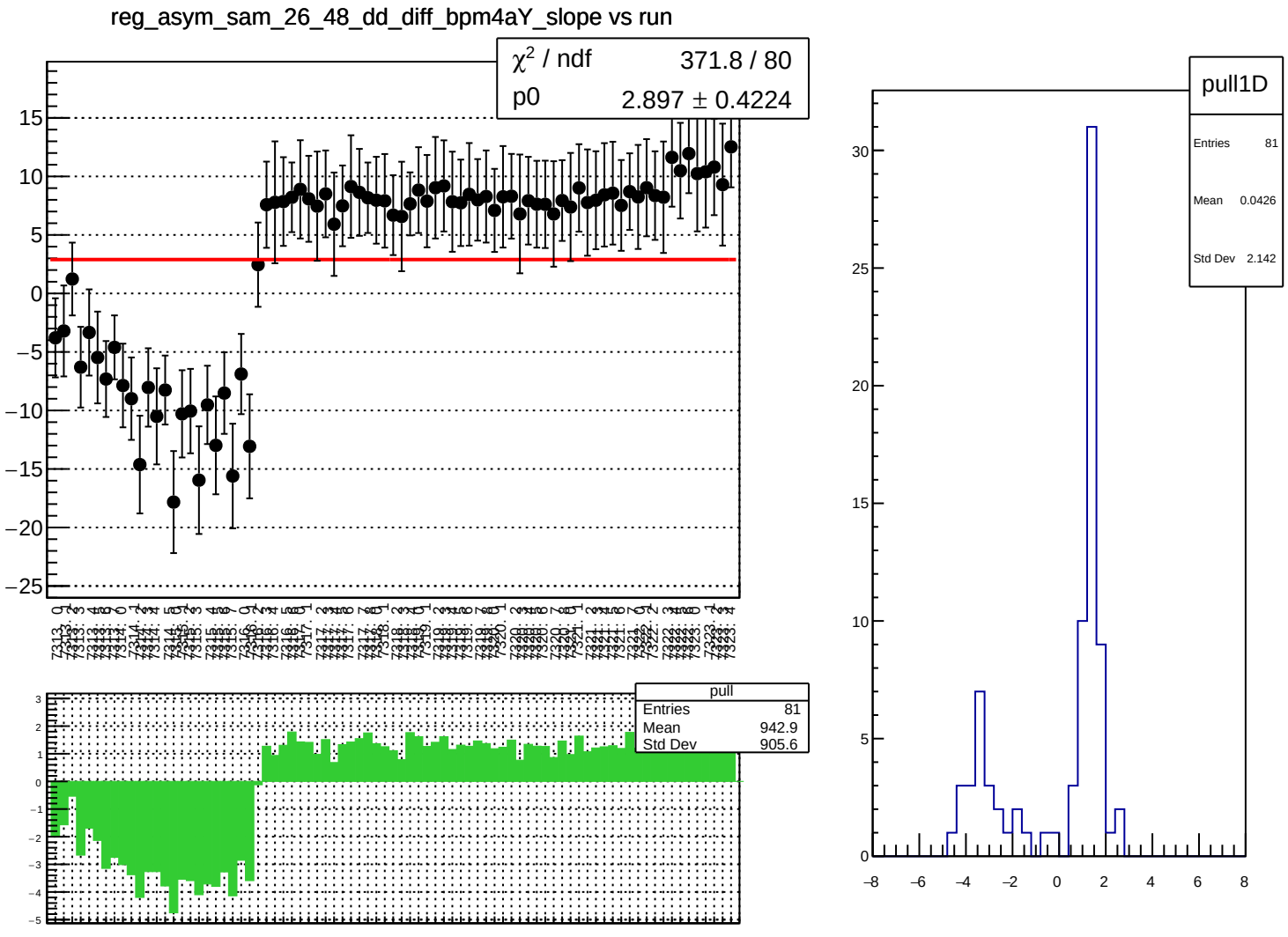

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs run
χ² / ndf 280.6 / 80
p0 −58.92 ± 0.7244
pull
Entries 81
Mean 160.2
Std Dev 120.8

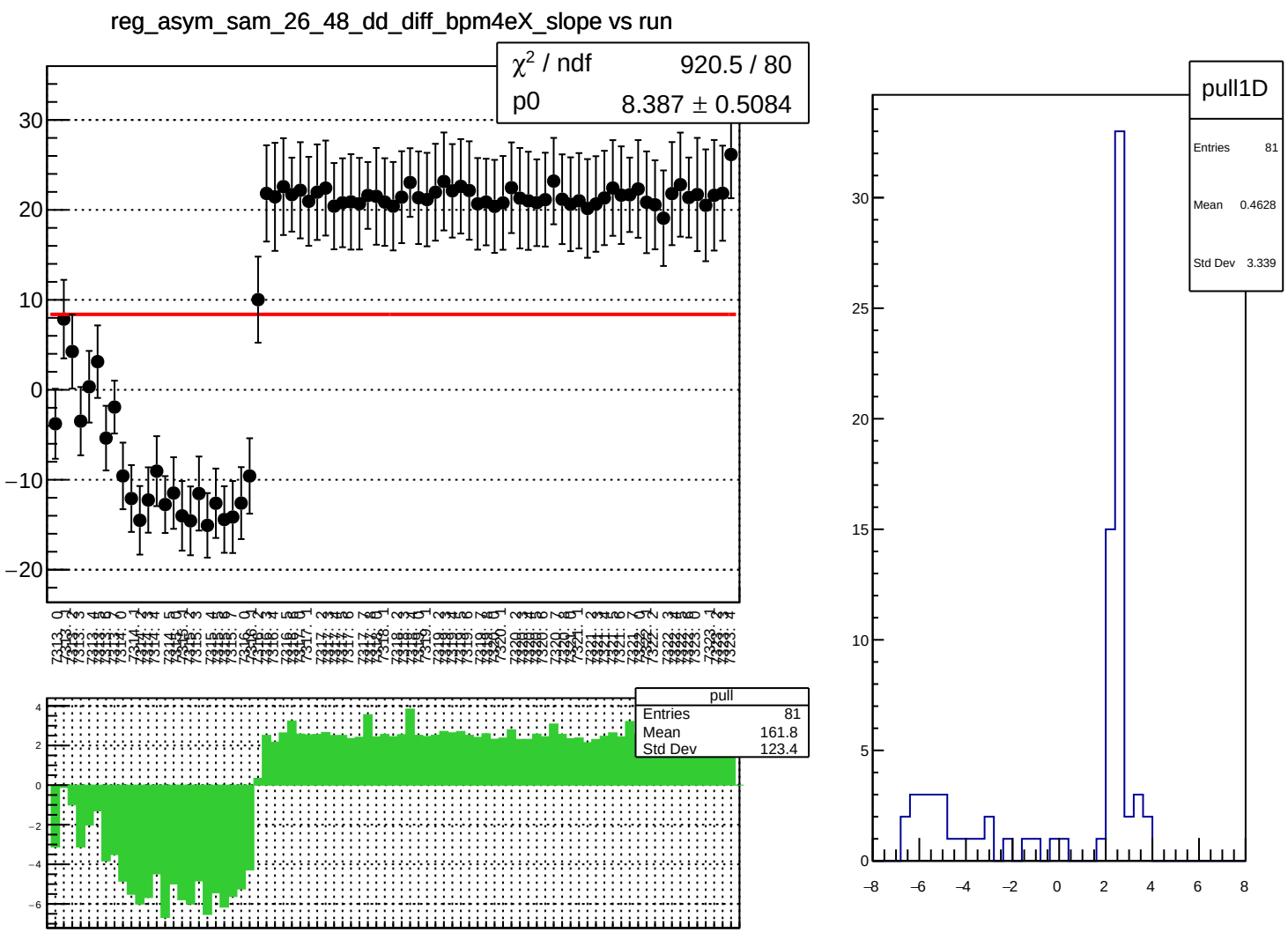

pull1D
Entries 81
Mean −0.2734
Std Dev 1.841

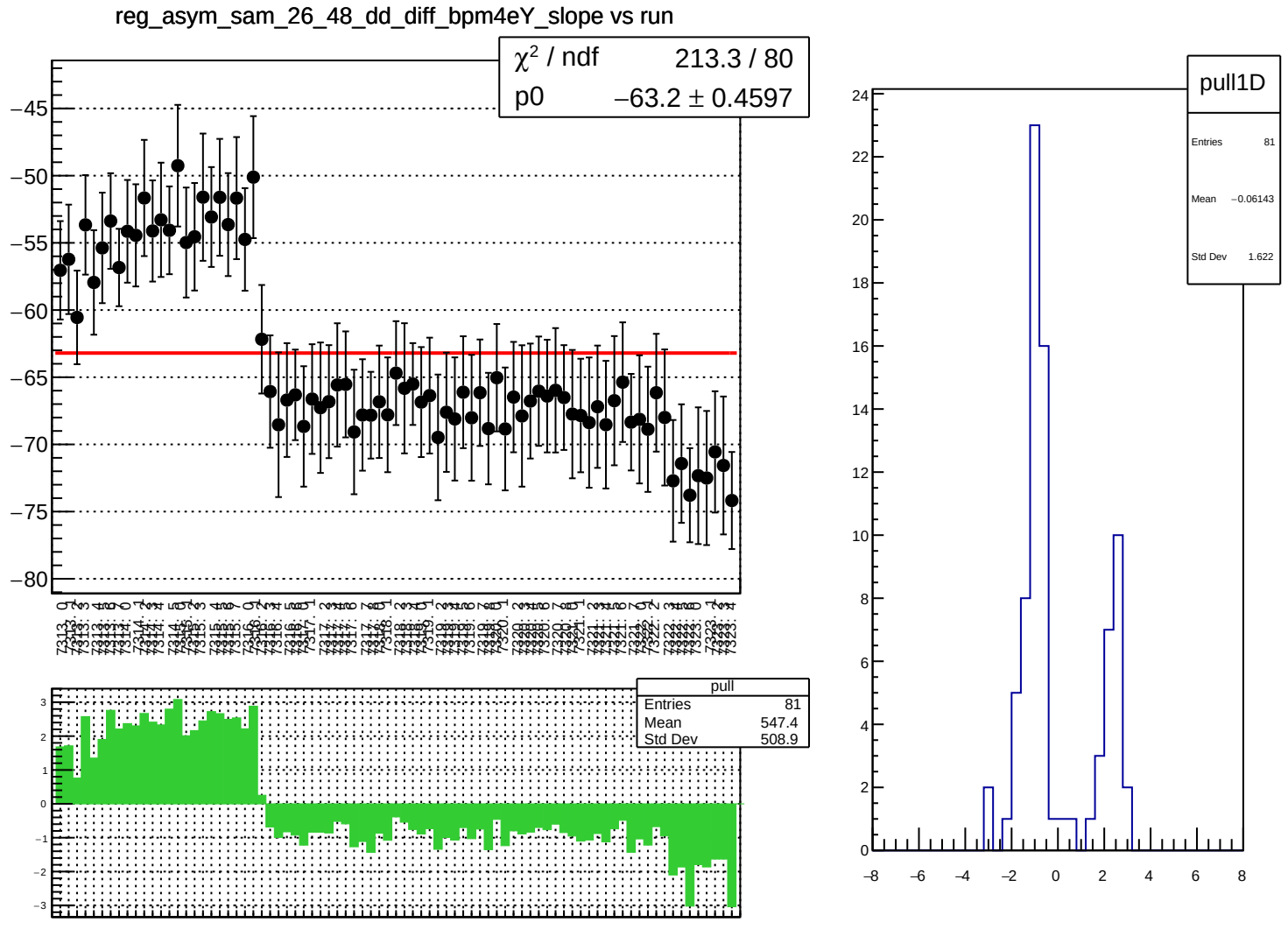

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs run
χ² / ndf 65.81 / 80
p0 −25.29 ± 0.6535
pull
Entries 81
Mean 412.4
Std Dev 377.3
pull1D
Entries 81
Mean 0.03919
Std Dev 0.9005

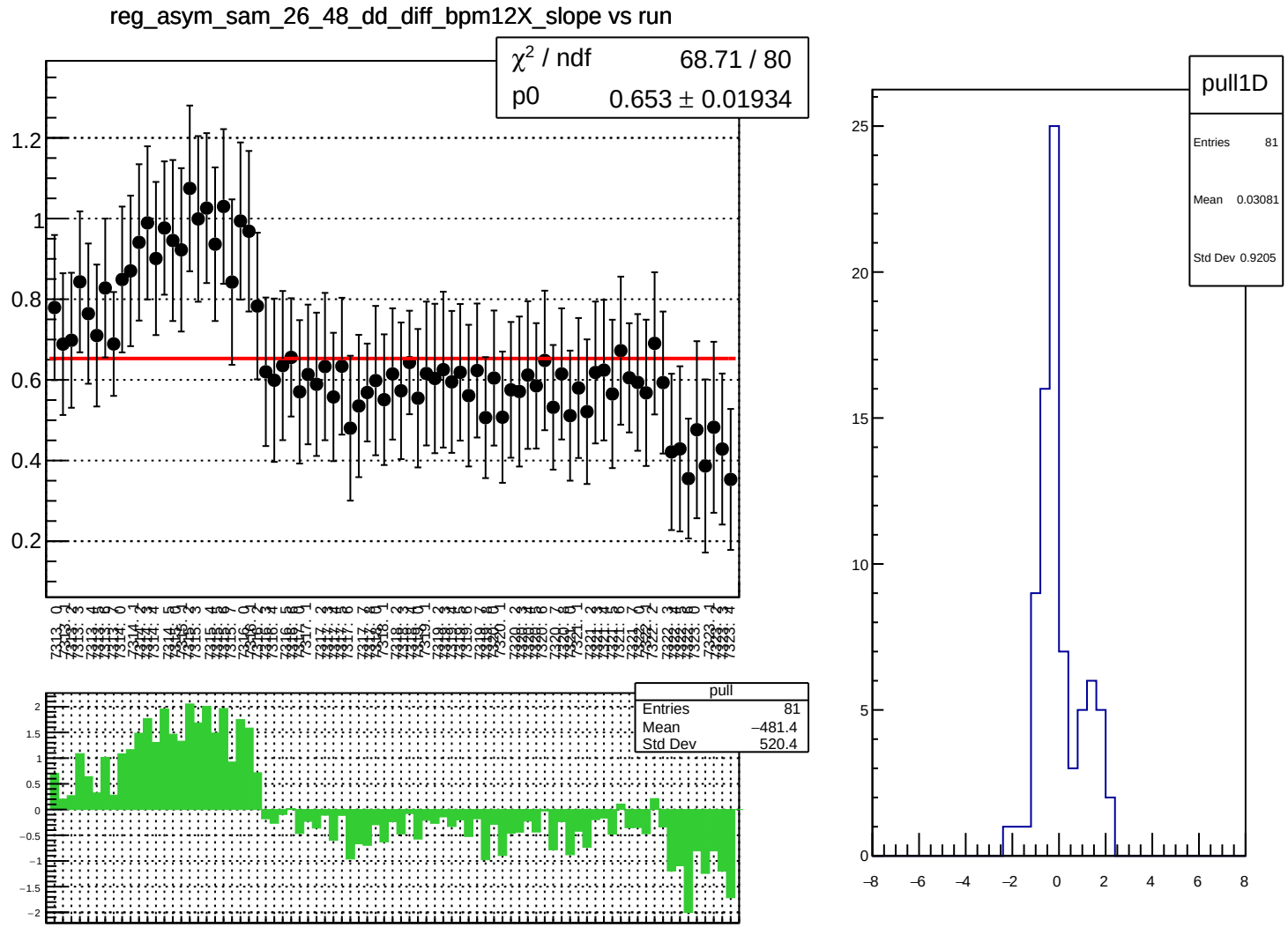

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs run
χ² / ndf 17.68 / 80
p0 0.2442 ± 0.02763
pull
Entries 81
Mean −320.6
Std Dev 353
pull1D
Entries 81
Mean −0.01751
Std Dev 0.4669

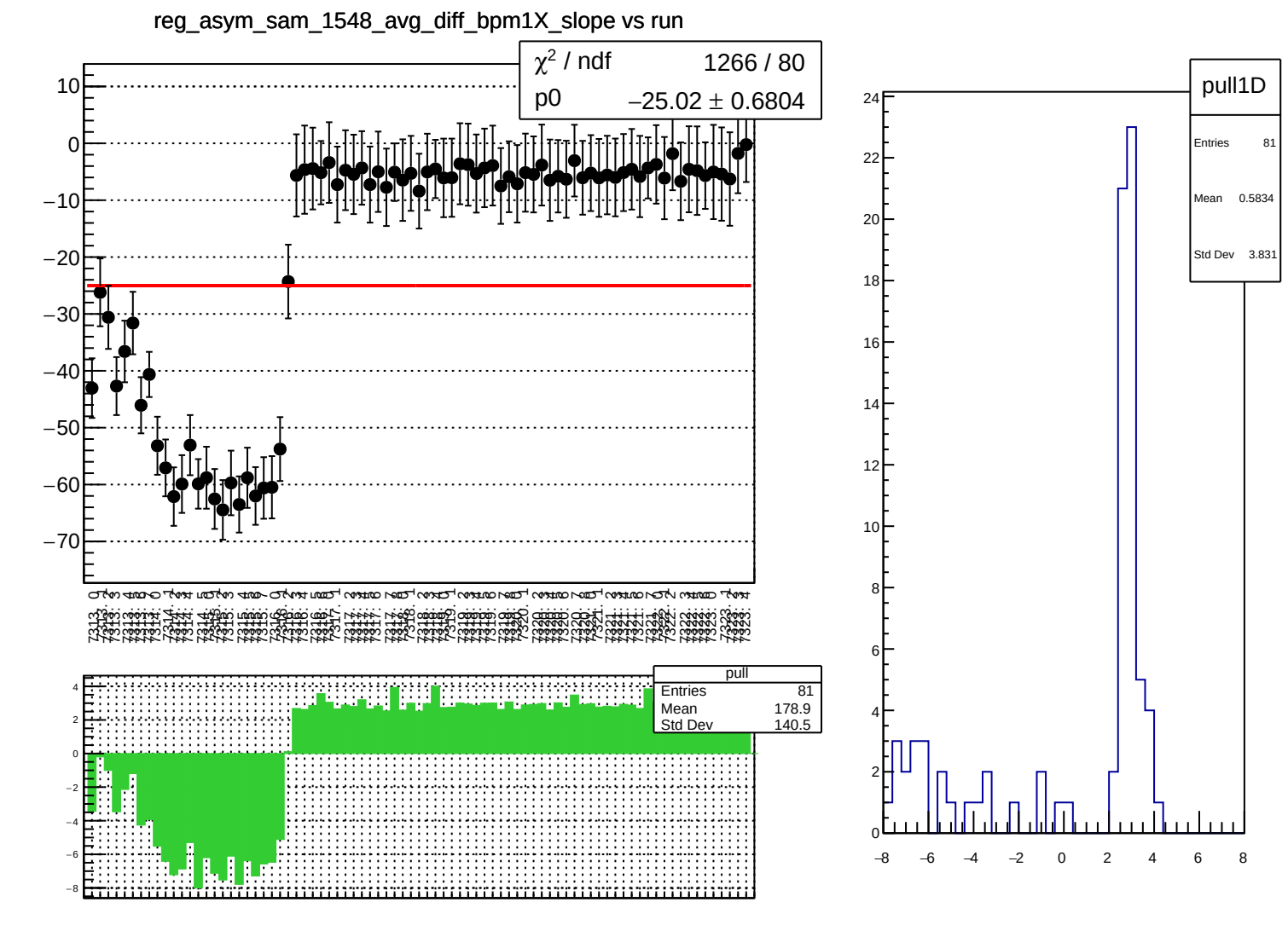

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs run
χ² / ndf 1074 / 80
p0 17.88 ± 0.5107
pull
Entries 81
Mean 165
Std Dev 126.5
pull1D
Entries 81
Mean −0.483
Std Dev 3.609

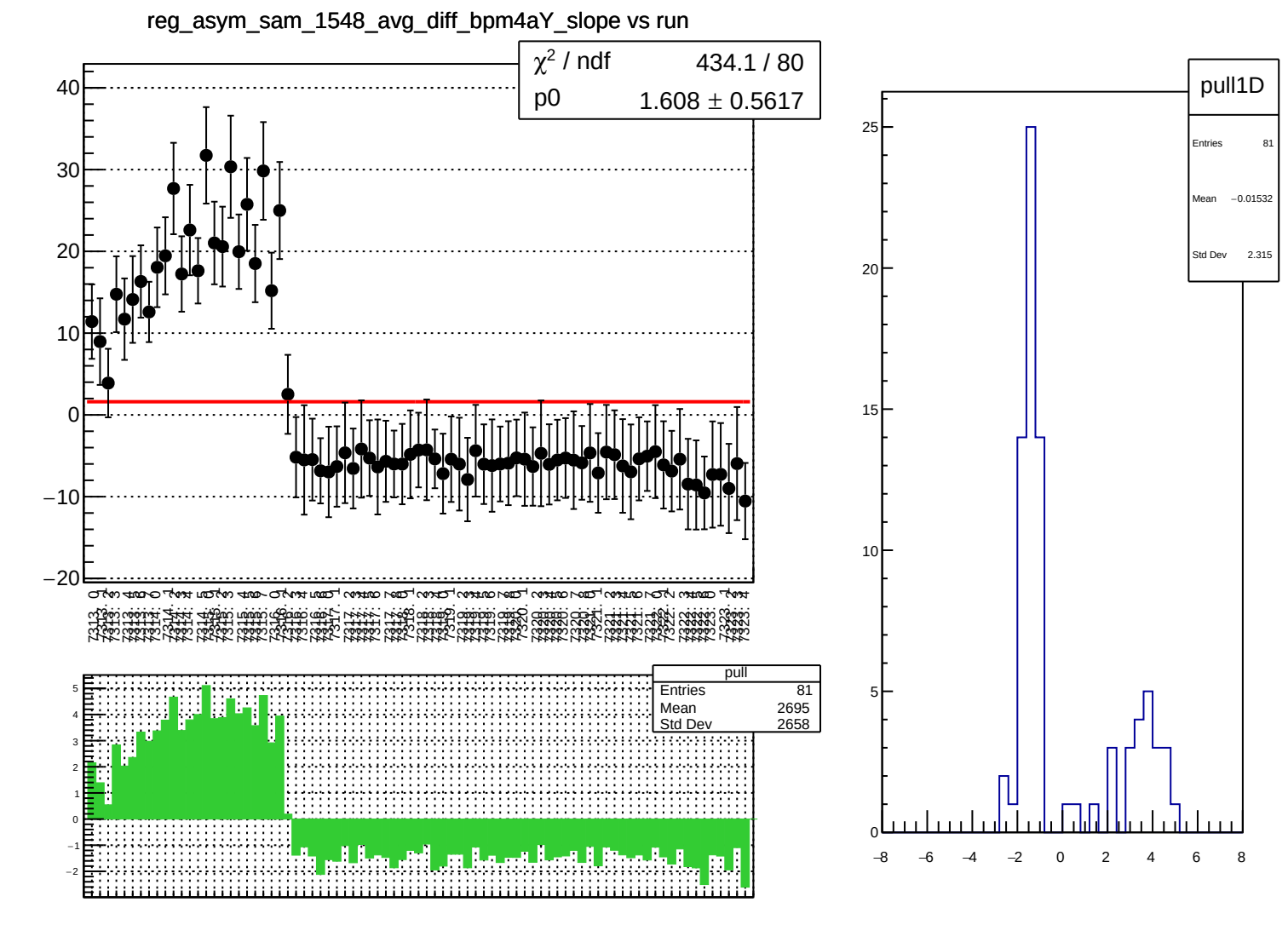

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 371.8 / 80
p0 2.897 ± 0.4224
pull
Entries 81
Mean 942.9
Std Dev 905.6
pull1D
Entries 81
Mean 0.0426
Std Dev 2.142

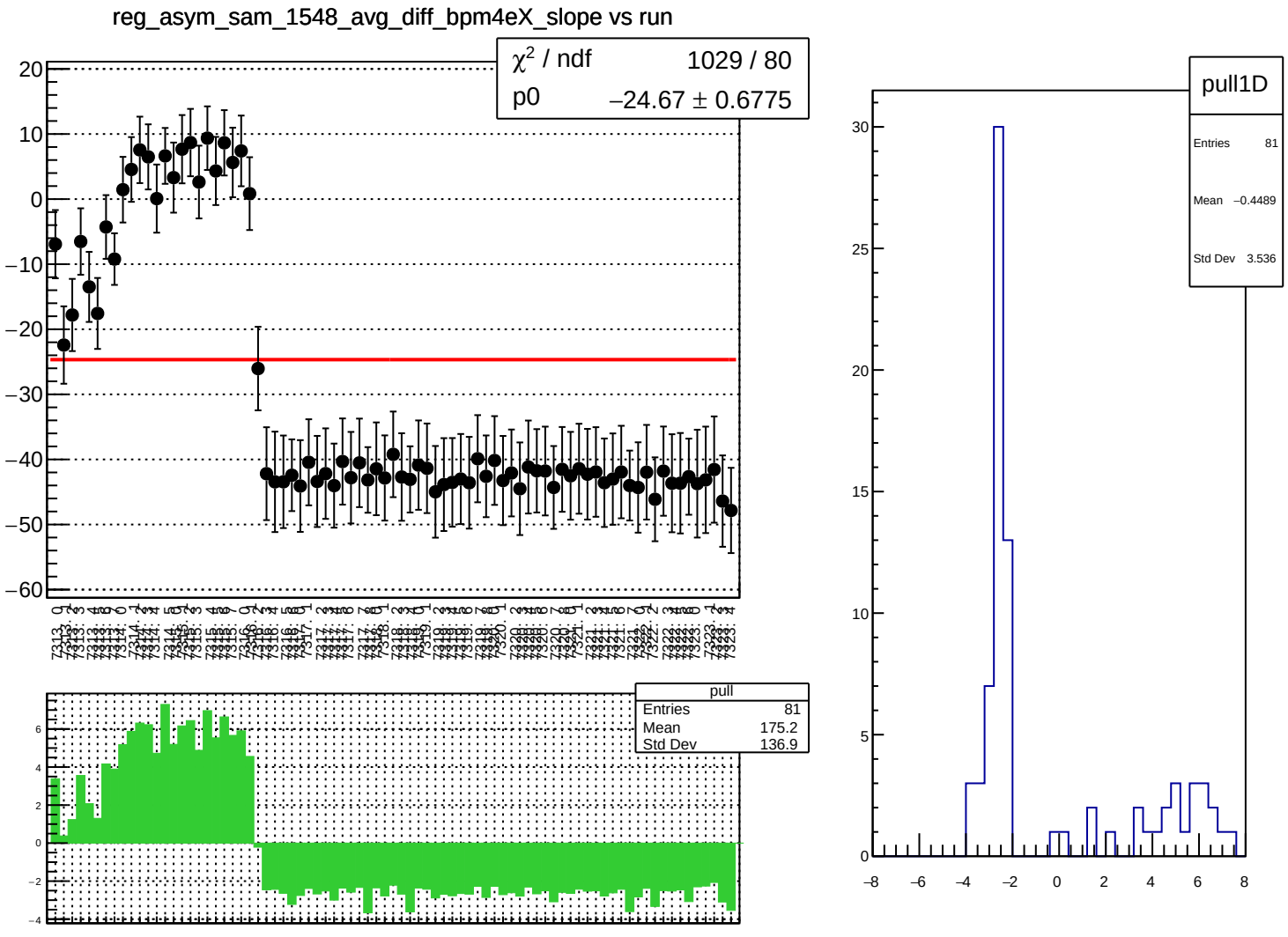

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 920.5 / 80
p0 8.387 ± 0.5084
pull
Entries 81
Mean 161.8
Std Dev 123.4
pull1D
Entries 81
Mean 0.4628
Std Dev 3.339

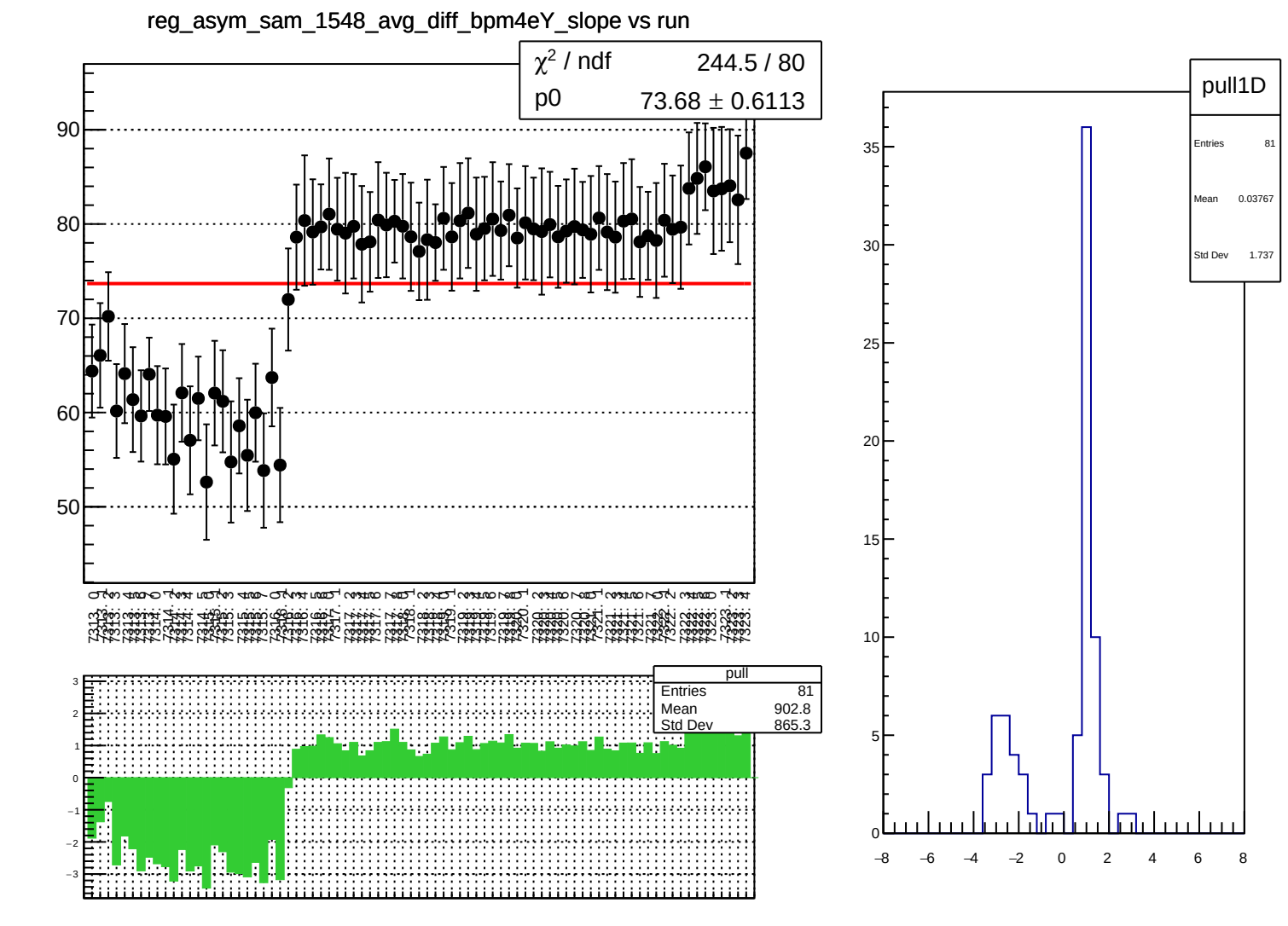

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 213.3 / 80
p0 −63.2 ± 0.4597
pull
Entries 81
Mean 547.4
Std Dev 508.9
pull1D
Entries 81
Mean −0.06143
Std Dev 1.622

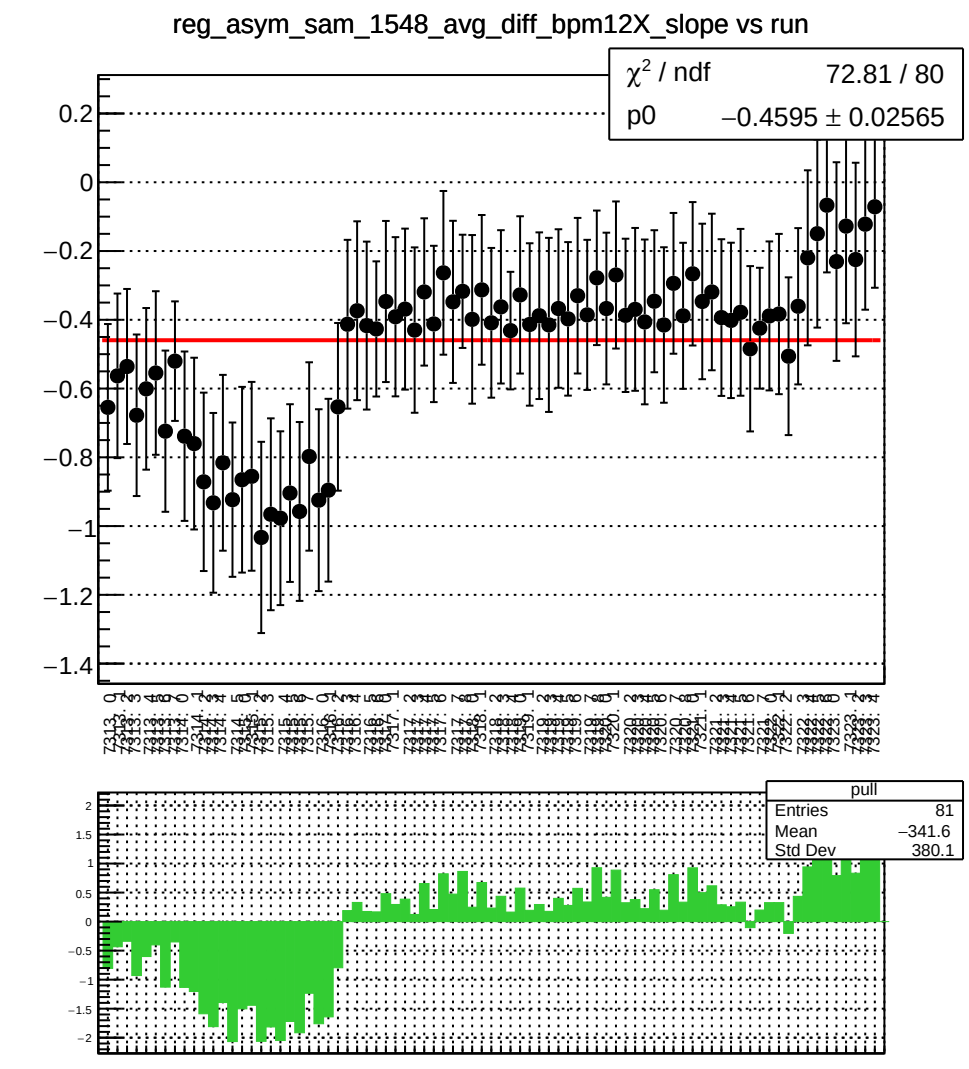

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs run
χ² / ndf 68.71 / 80
p0 0.653 ± 0.01934
pull
Entries 81
Mean −481.4
Std Dev 520.4
pull1D
Entries 81
Mean 0.03081
Std Dev 0.9205

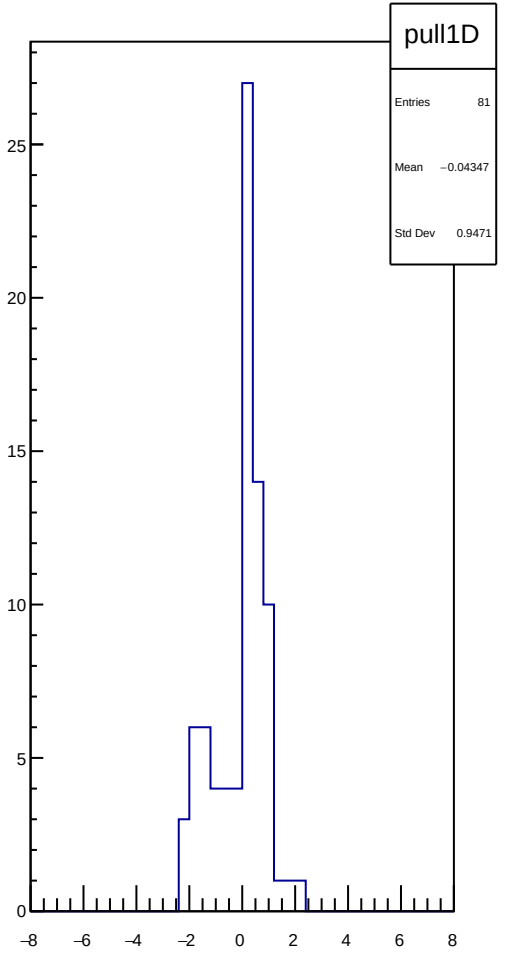

reg_asym_sam_1548_avg_diff_bpm1X_slope vs run
χ² / ndf 1266 / 80
p0 −25.02 ± 0.6804
pull
Entries 81
Mean 178.9
Std Dev 140.5
pull1D
Entries 81
Mean 0.5834
Std Dev 3.831

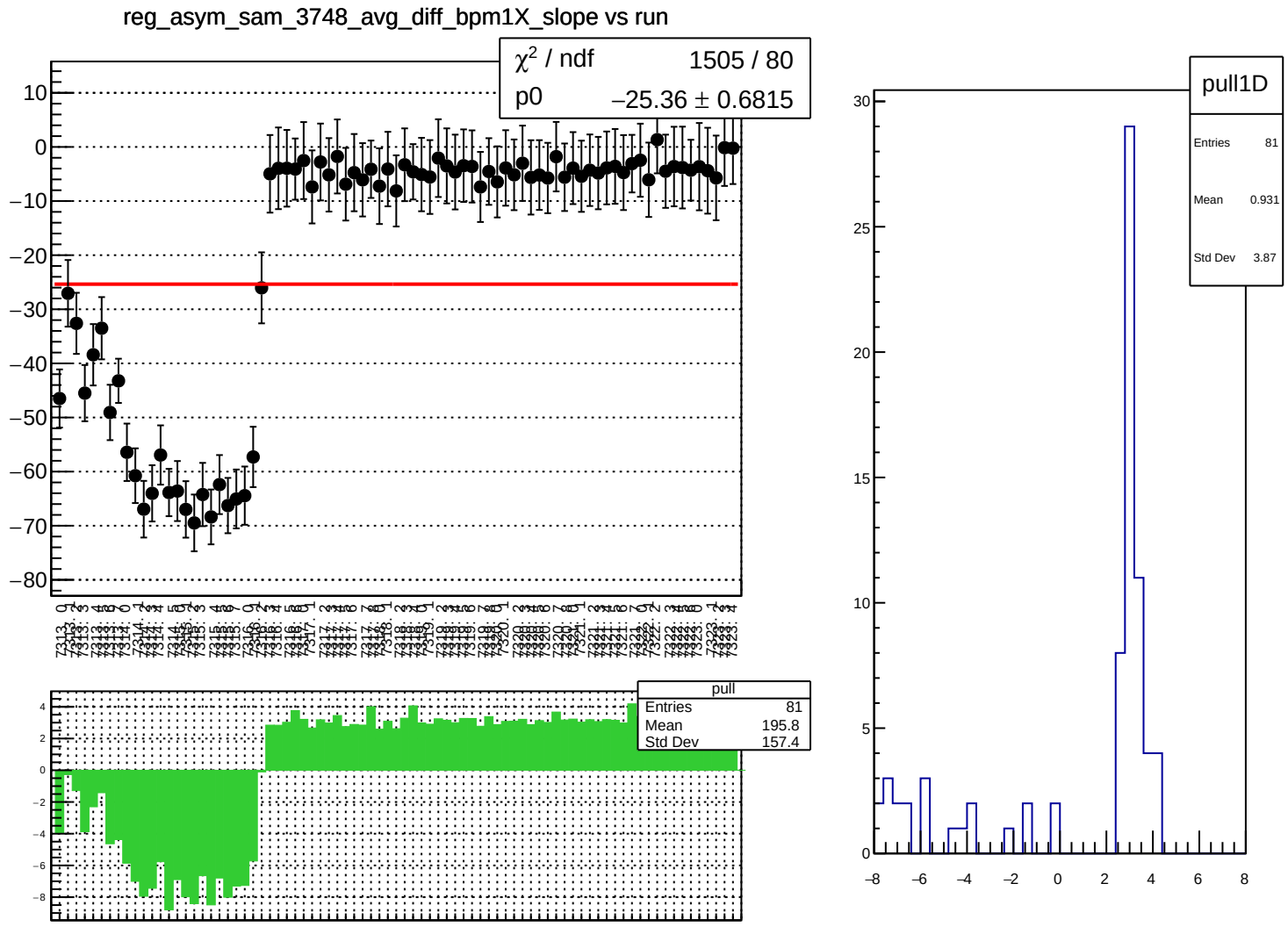

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs run
χ² / ndf 434.1 / 80
p0 1.608 ± 0.5617
pull
Entries 81
Mean 2695
Std Dev 2658
pull1D
Entries 81
Mean −0.01532
Std Dev 2.315

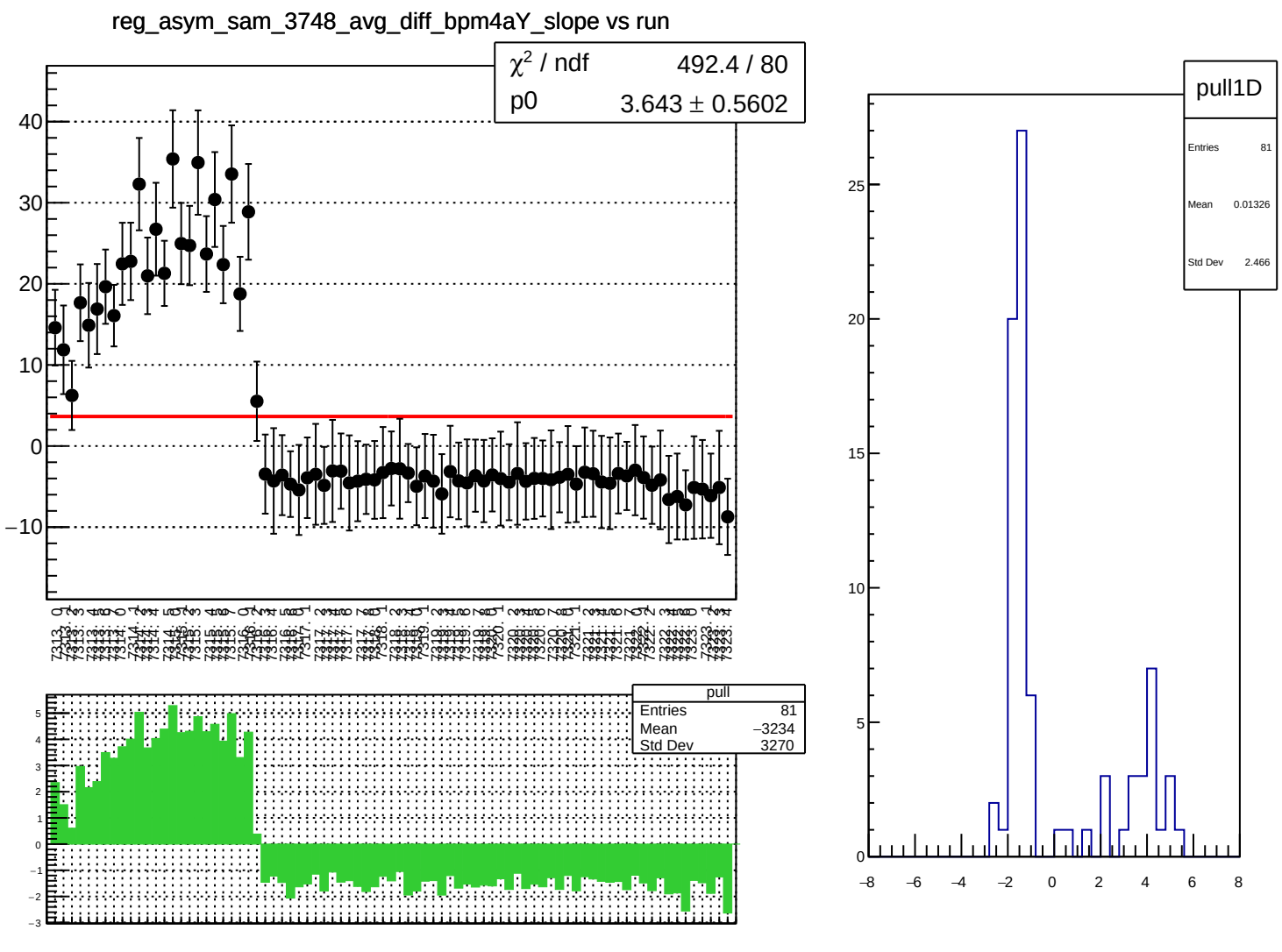

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs run
χ² / ndf 1029 / 80
p0 −24.67 ± 0.6775
pull
Entries 81
Mean 175.2
Std Dev 136.9
pull1D
Entries 81
Mean −0.4489
Std Dev 3.536

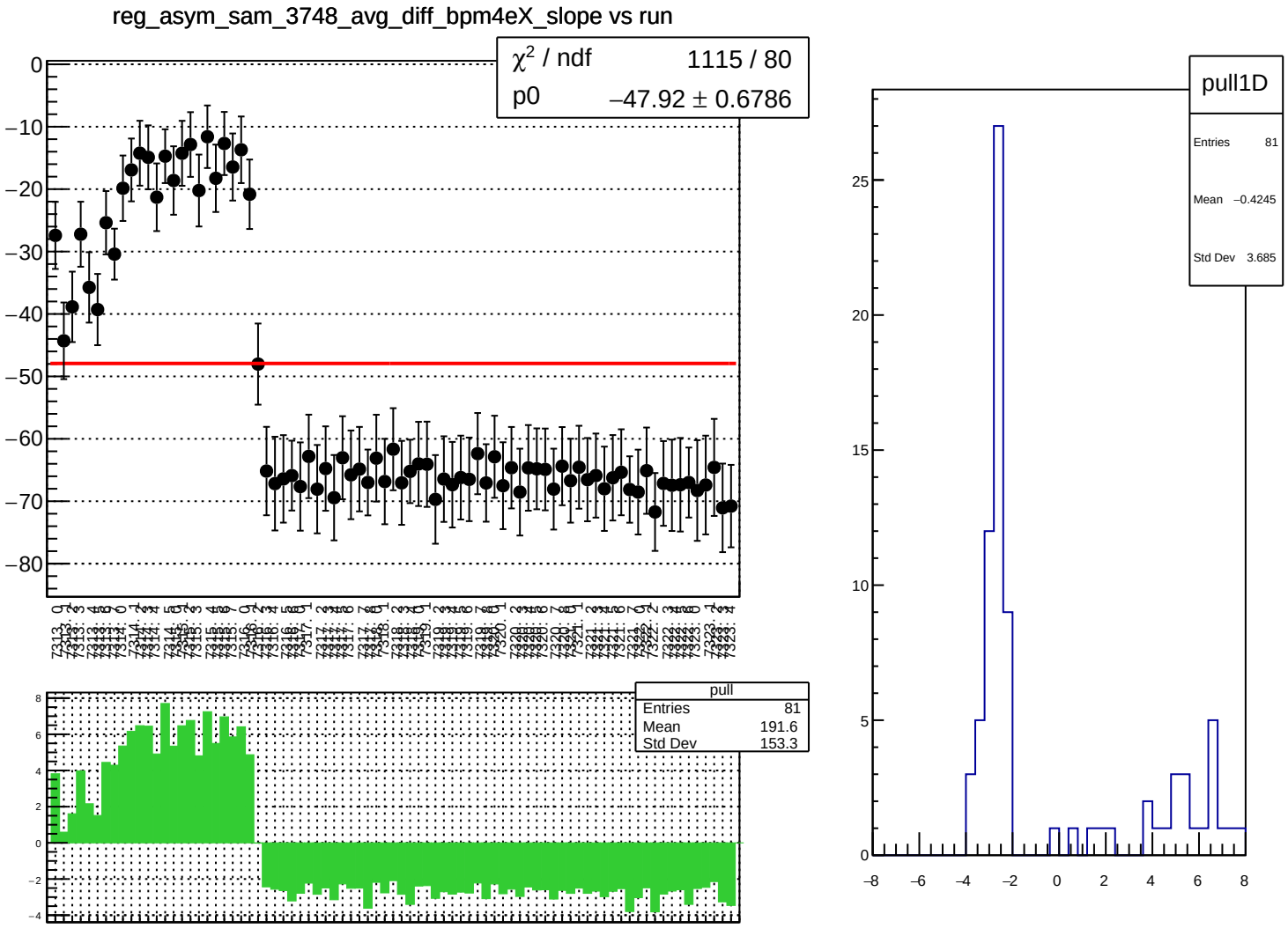

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs run
χ² / ndf 244.5 / 80
p0 73.68 ± 0.6113
pull
Entries 81
Mean 902.8
Std Dev 865.3
pull1D
Entries 81
Mean 0.03767
Std Dev 1.737

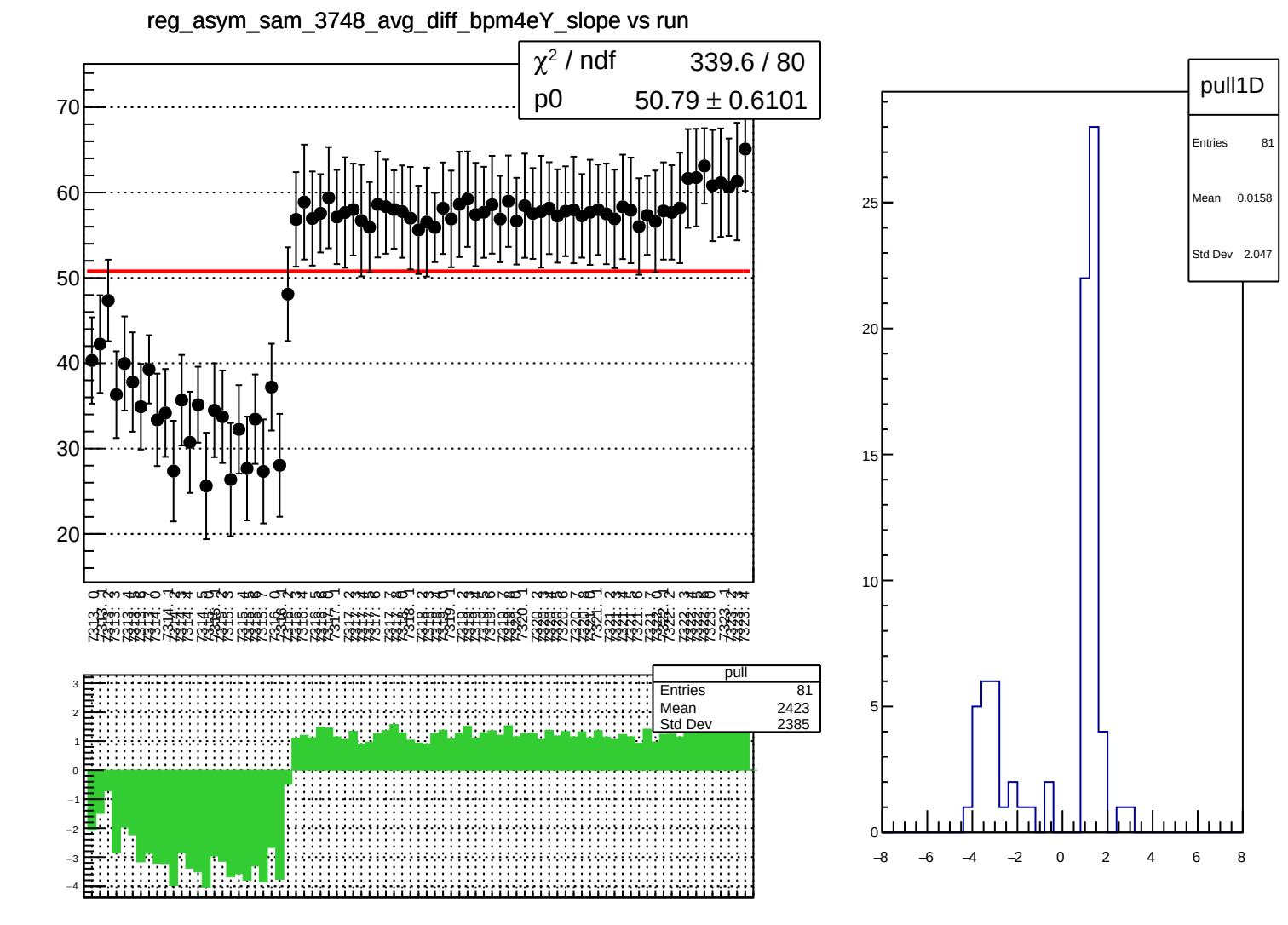

reg_asym_sam_1548_avg_diff_bpm12X_slope vs run
χ² / ndf 72.81 / 80
p0 −0.4595 ± 0.02565
pull
Entries 81
Mean −341.6
Std Dev 380.1

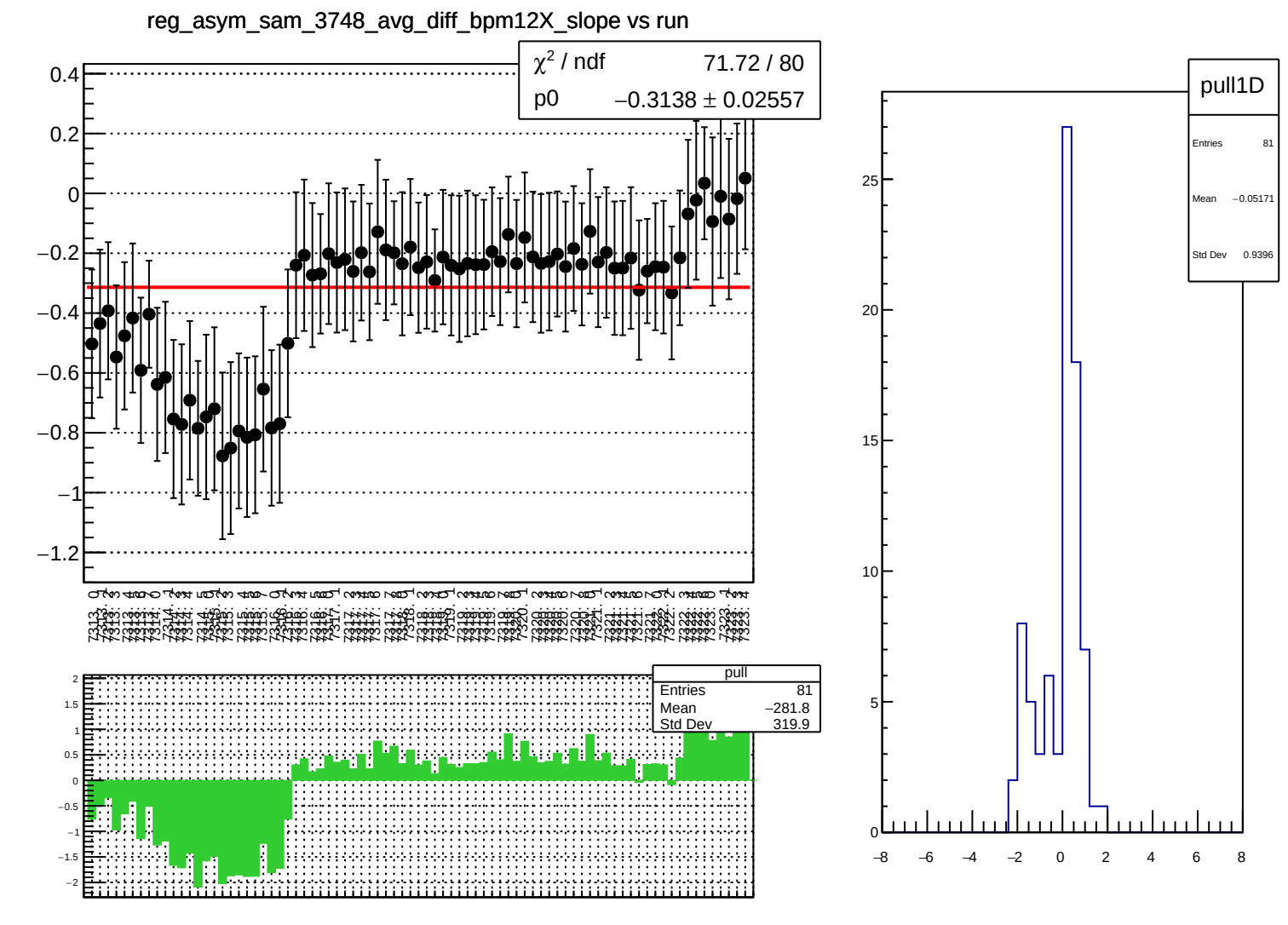

pull1D
Entries 81
Mean −0.04347
Std Dev 0.9471

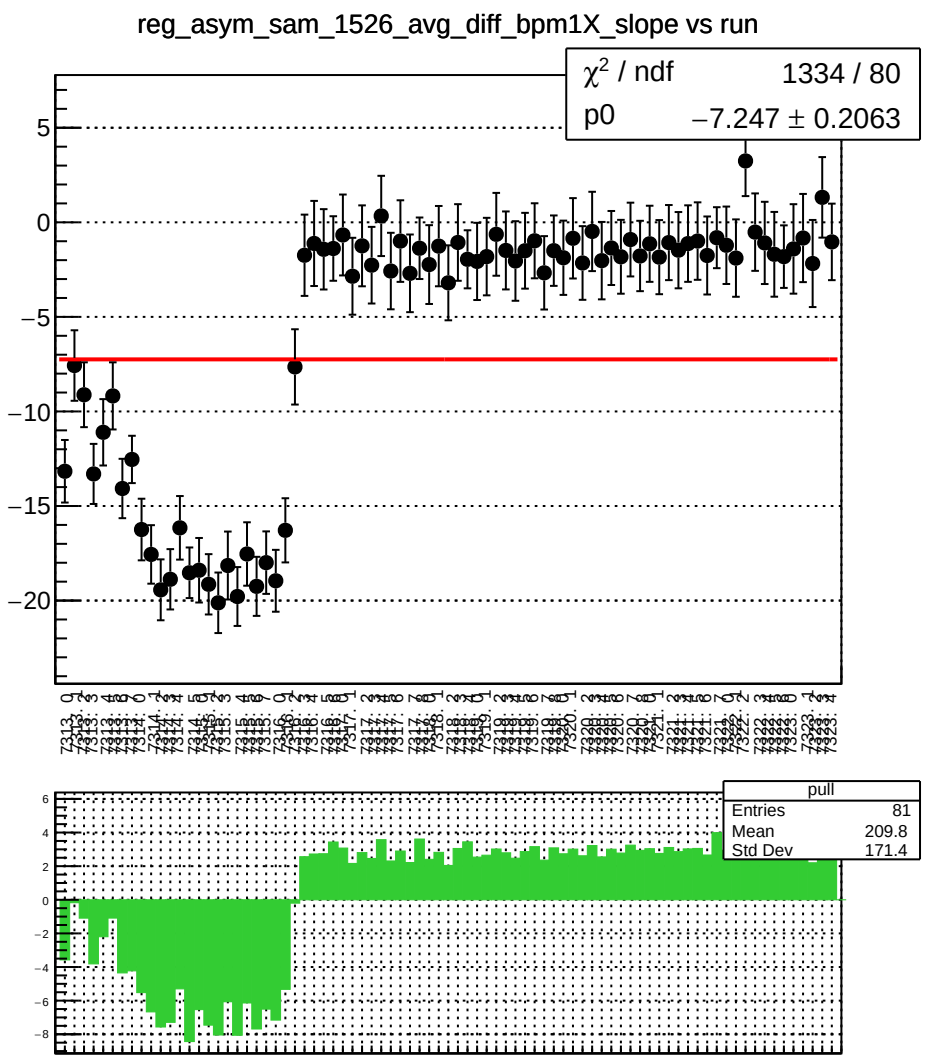

reg_asym_sam_3748_avg_diff_bpm1X_slope vs run
χ² / ndf 1505 / 80
p0 −25.36 ± 0.6815
pull
Entries 81
Mean 195.8
Std Dev 157.4
pull1D
Entries 81
Mean 0.931
Std Dev 3.87

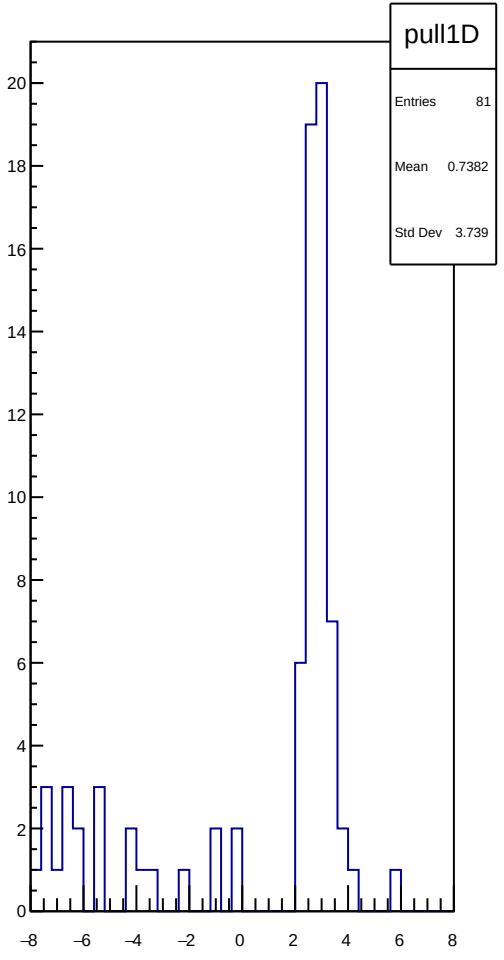

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs run
χ² / ndf 492.4 / 80
p0 3.643 ± 0.5602
pull
Entries 81
Mean −3234
Std Dev 3270
pull1D
Entries 81
Mean 0.01326
Std Dev 2.466

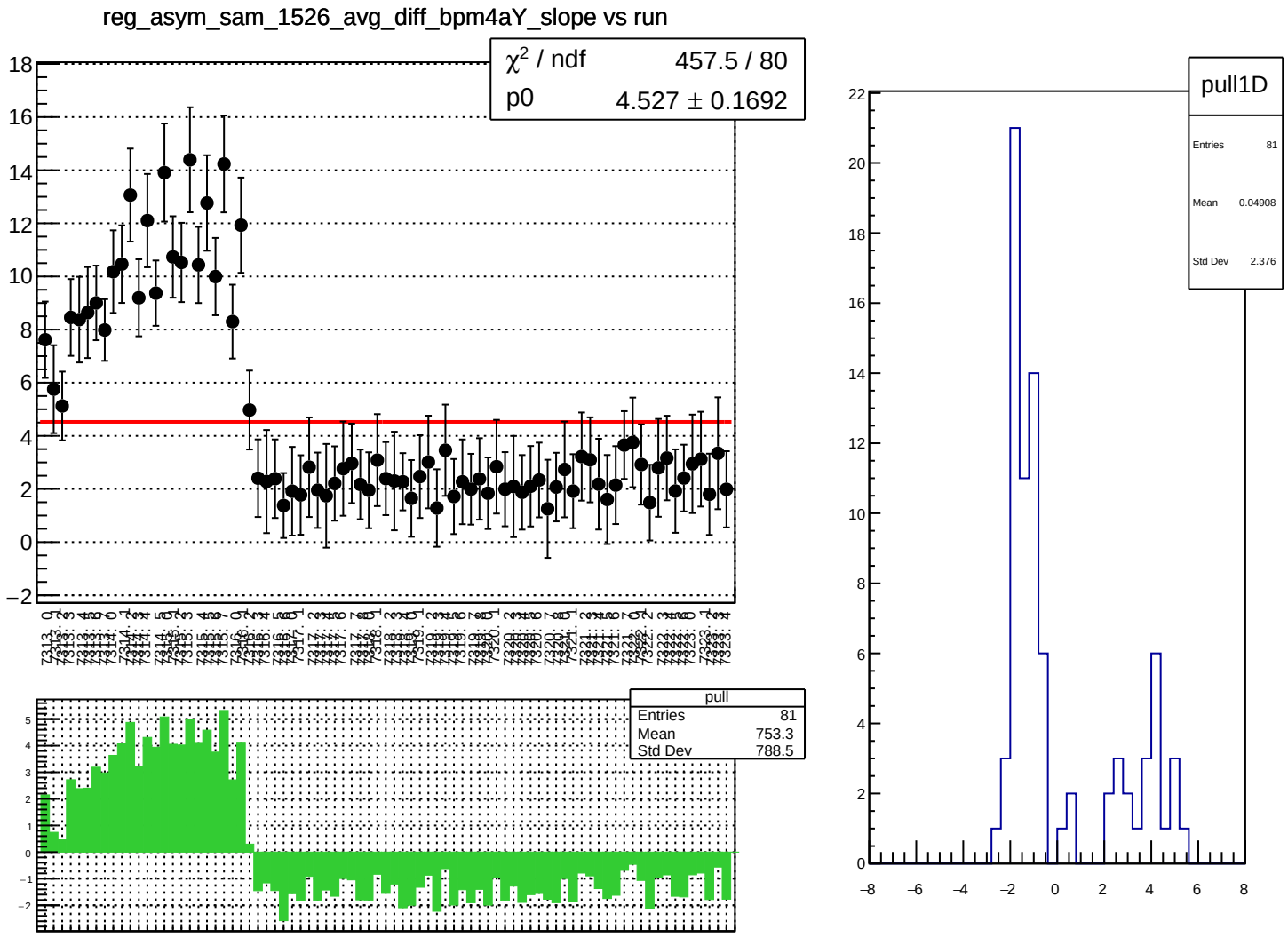

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs run
χ² / ndf 1115 / 80
p0 −47.92 ± 0.6786
pull
Entries 81
Mean 191.6
Std Dev 153.3
pull1D
Entries 81
Mean −0.4245
Std Dev 3.685

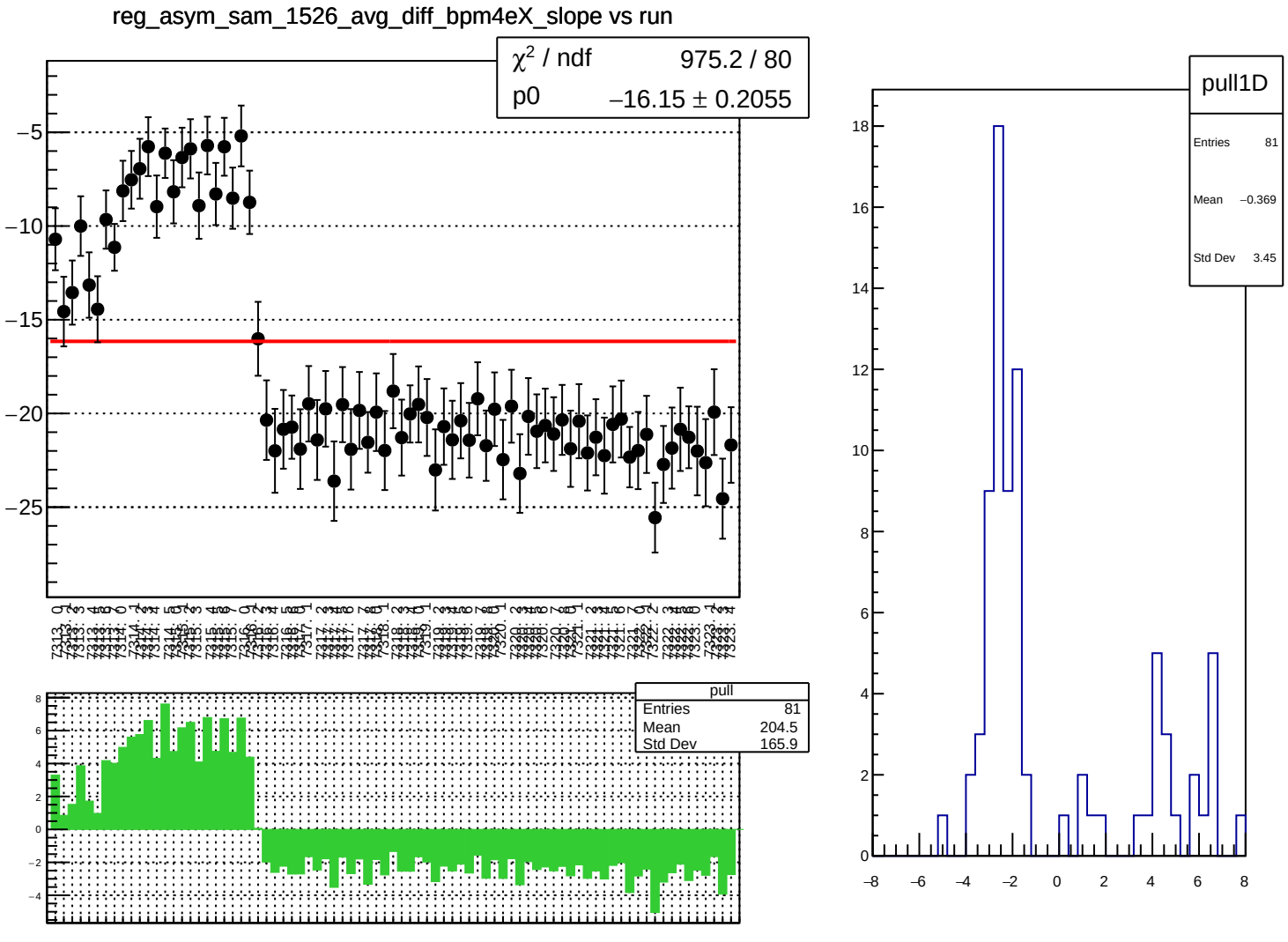

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs run
χ² / ndf 339.6 / 80
p0 50.79 ± 0.6101
pull
Entries 81
Mean 2423
Std Dev 2385
pull1D
Entries 81
Mean 0.0158
Std Dev 2.047

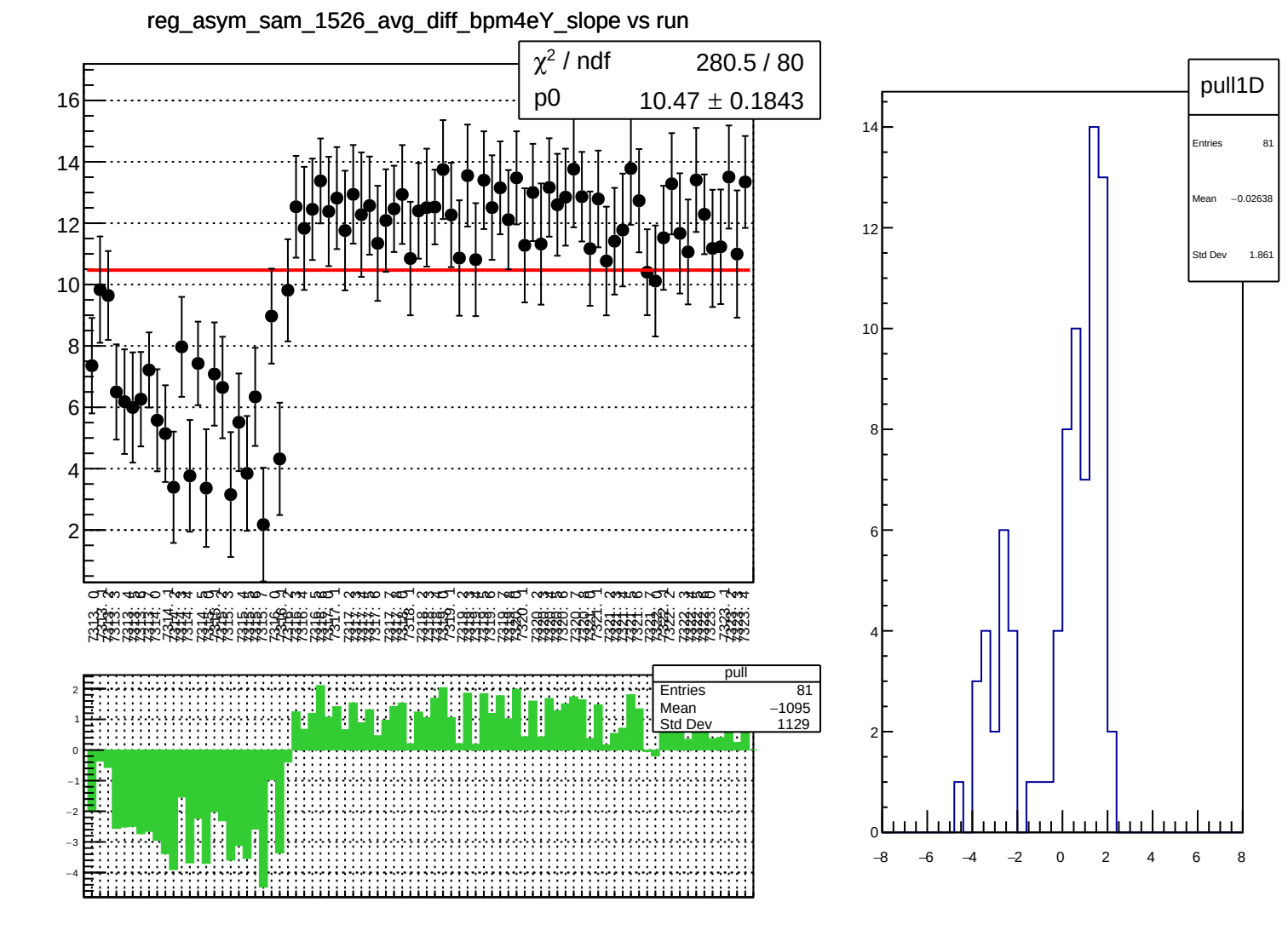

reg_asym_sam_3748_avg_diff_bpm12X_slope vs run
χ² / ndf 71.72 / 80
p0 −0.3138 ± 0.02557
pull
Entries 81
Mean −281.8
Std Dev 319.9
pull1D
Entries 81
Mean −0.05171
Std Dev 0.9396

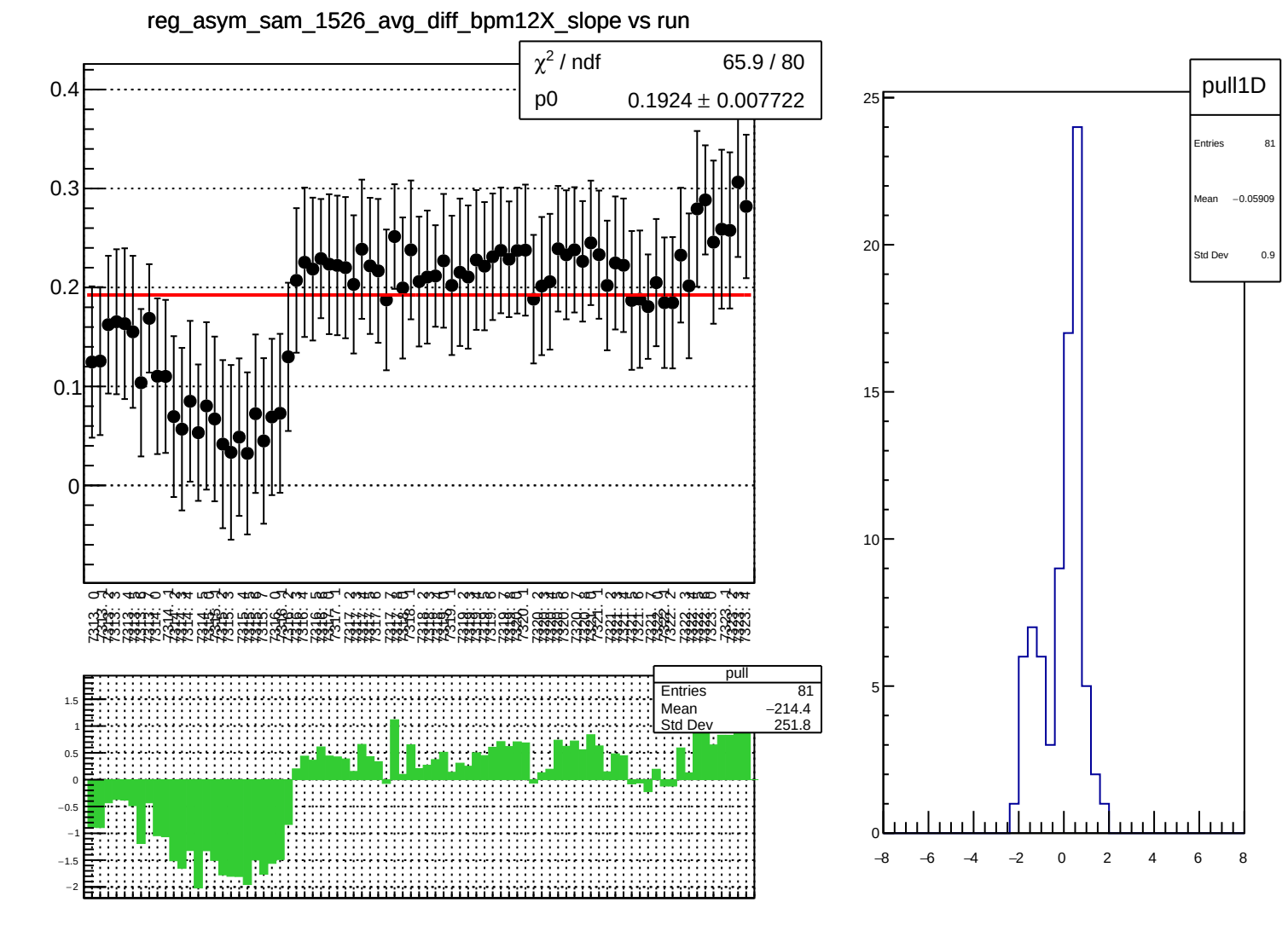

reg_asym_sam_1526_avg_diff_bpm1X_slope vs run
χ² / ndf 1334 / 80
p0 −7.247 ± 0.2063
pull
Entries 81
Mean 209.8
Std Dev 171.4

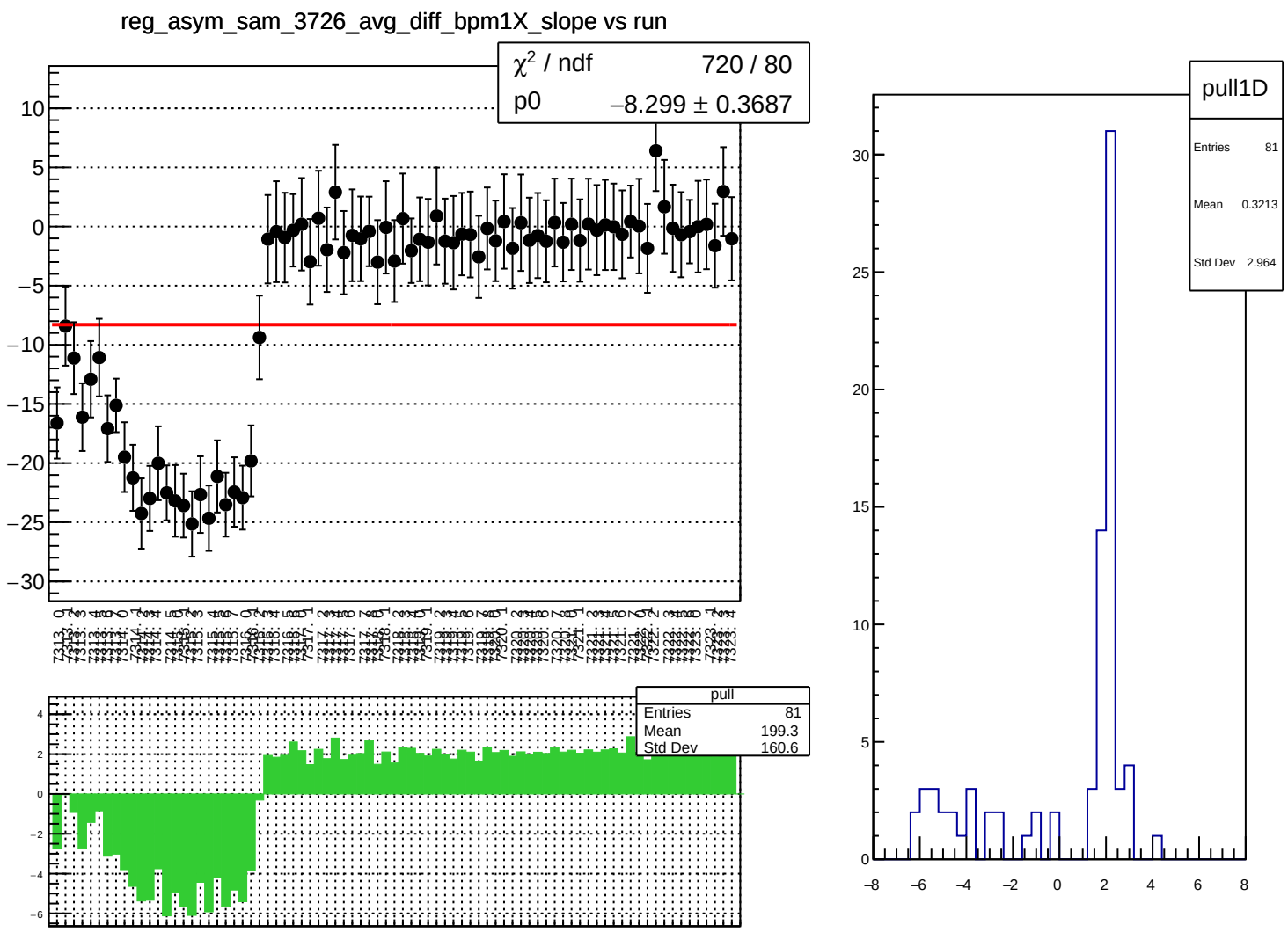

pull1D
Entries 81
Mean 0.7382
Std Dev 3.739

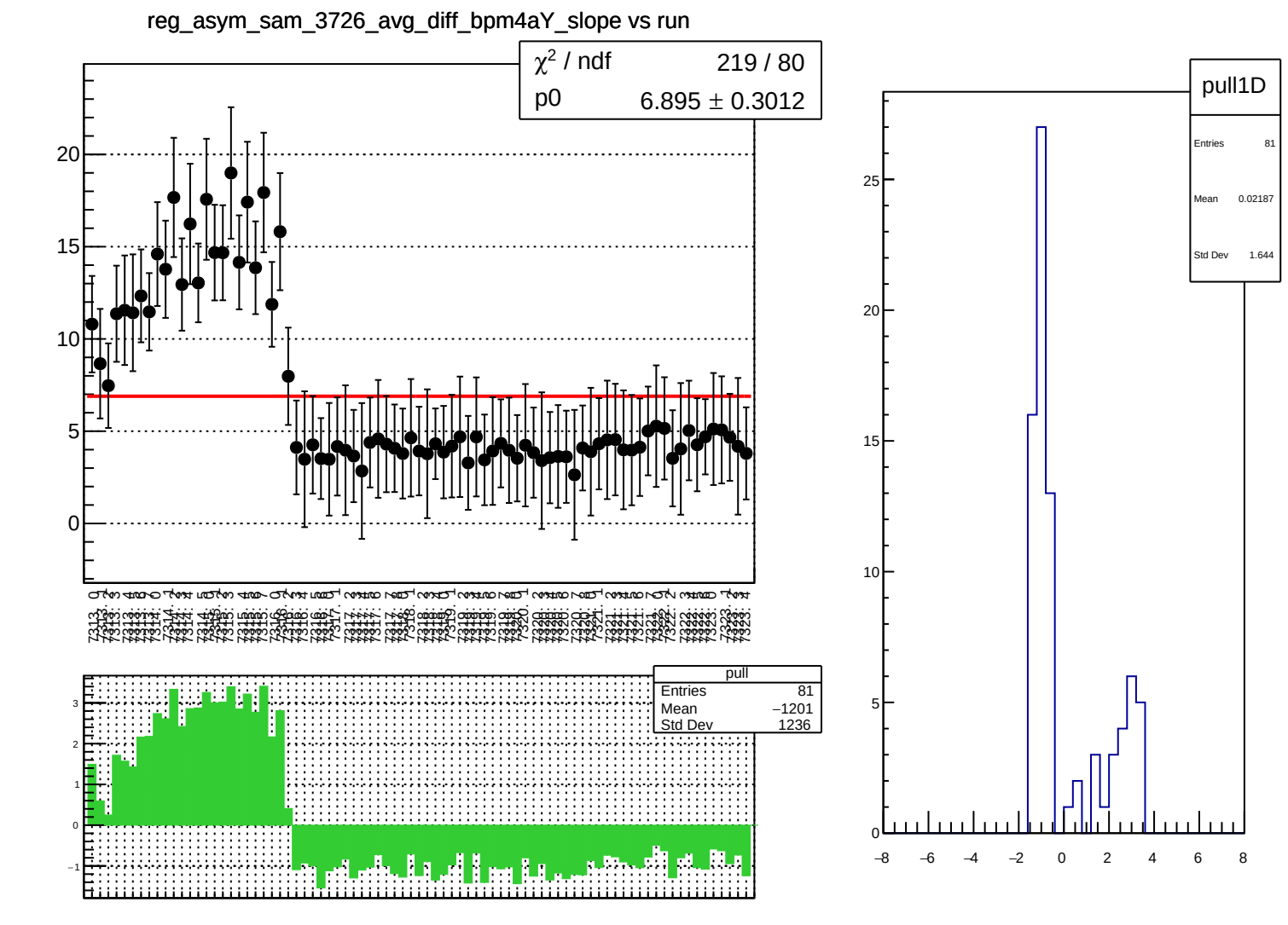

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs run
χ² / ndf 457.5 / 80
p0 4.527 ± 0.1692
pull
Entries 81
Mean −753.3
Std Dev 788.5
pull1D
Entries 81
Mean 0.04908
Std Dev 2.376

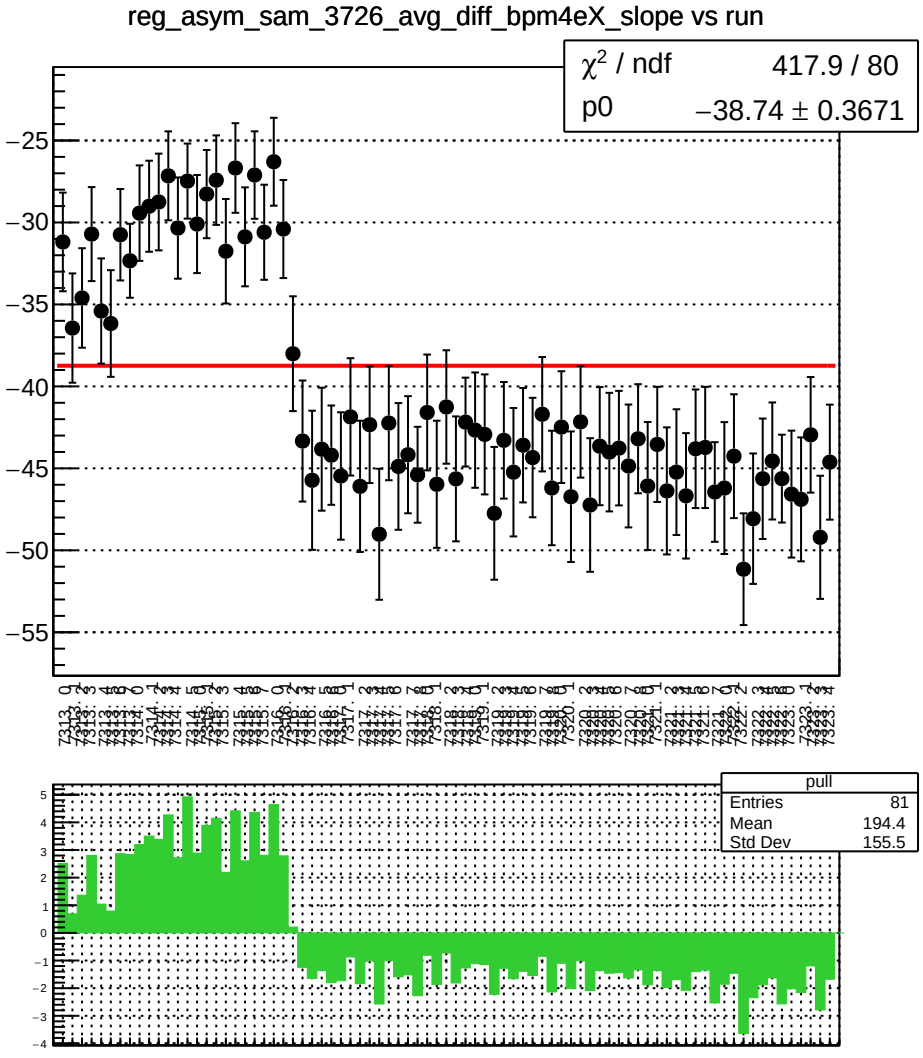

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs run
χ² / ndf 975.2 / 80
p0 −16.15 ± 0.2055
pull
Entries 81
Mean 204.5
Std Dev 165.9
pull1D
Entries 81
Mean −0.369
Std Dev 3.45

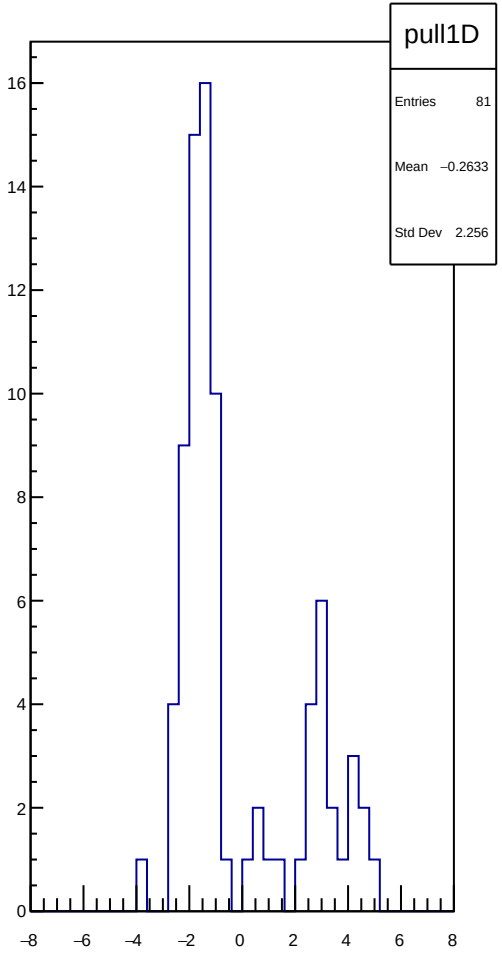

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs run
χ² / ndf 280.5 / 80
p0 10.47 ± 0.1843
pull
Entries 81
Mean −1095
Std Dev 1129
pull1D
Entries 81
Mean −0.02638
Std Dev 1.861

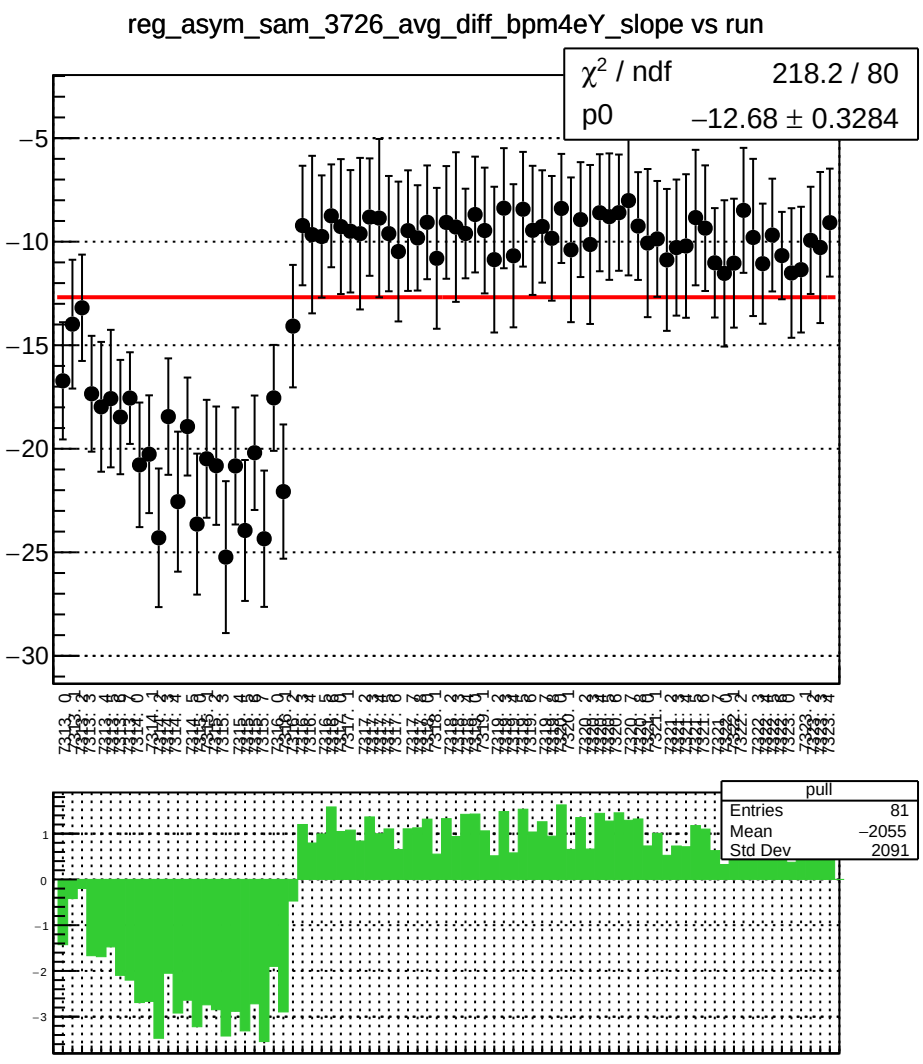

reg_asym_sam_1526_avg_diff_bpm12X_slope vs run
χ² / ndf 65.9 / 80
p0 0.1924 ± 0.007722
pull
Entries 81
Mean −214.4
Std Dev 251.8
pull1D
Entries 81
Mean −0.05909
Std Dev 0.9

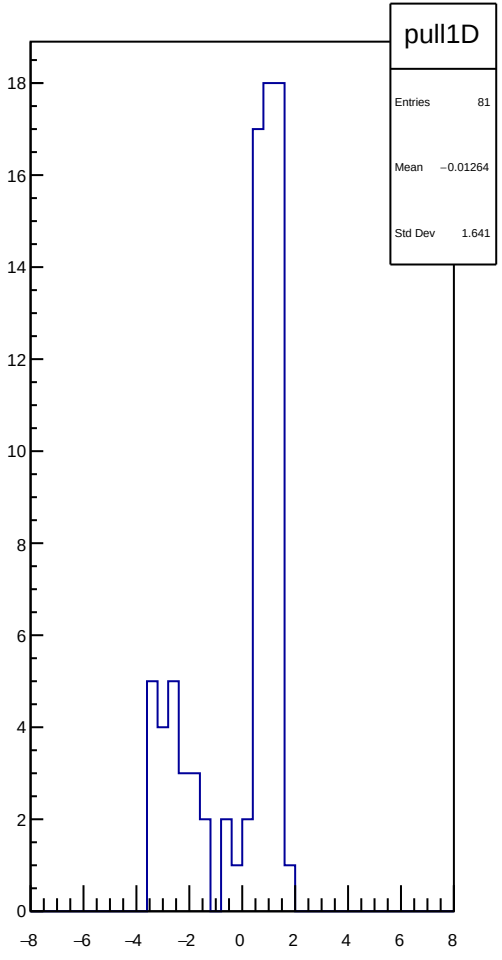

reg_asym_sam_3726_avg_diff_bpm1X_slope vs run
χ² / ndf 720 / 80
p0 −8.299 ± 0.3687
pull
Entries 81
Mean 199.3
Std Dev 160.6
pull1D
Entries 81
Mean 0.3213
Std Dev 2.964

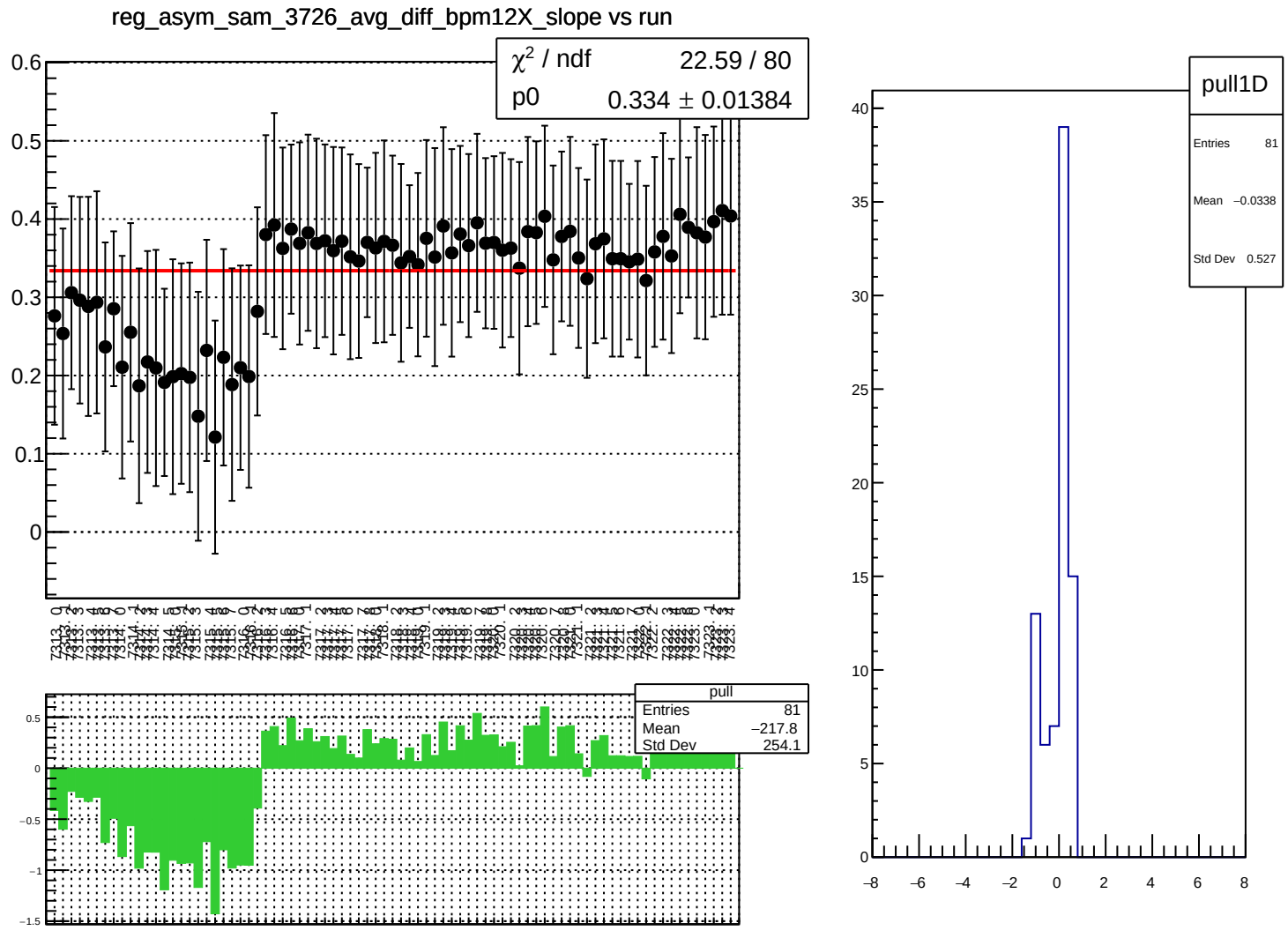

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs run
χ² / ndf 219 / 80
p0 6.895 ± 0.3012
pull
Entries 81
Mean −1201
Std Dev 1236
pull1D
Entries 81
Mean 0.02187
Std Dev 1.644

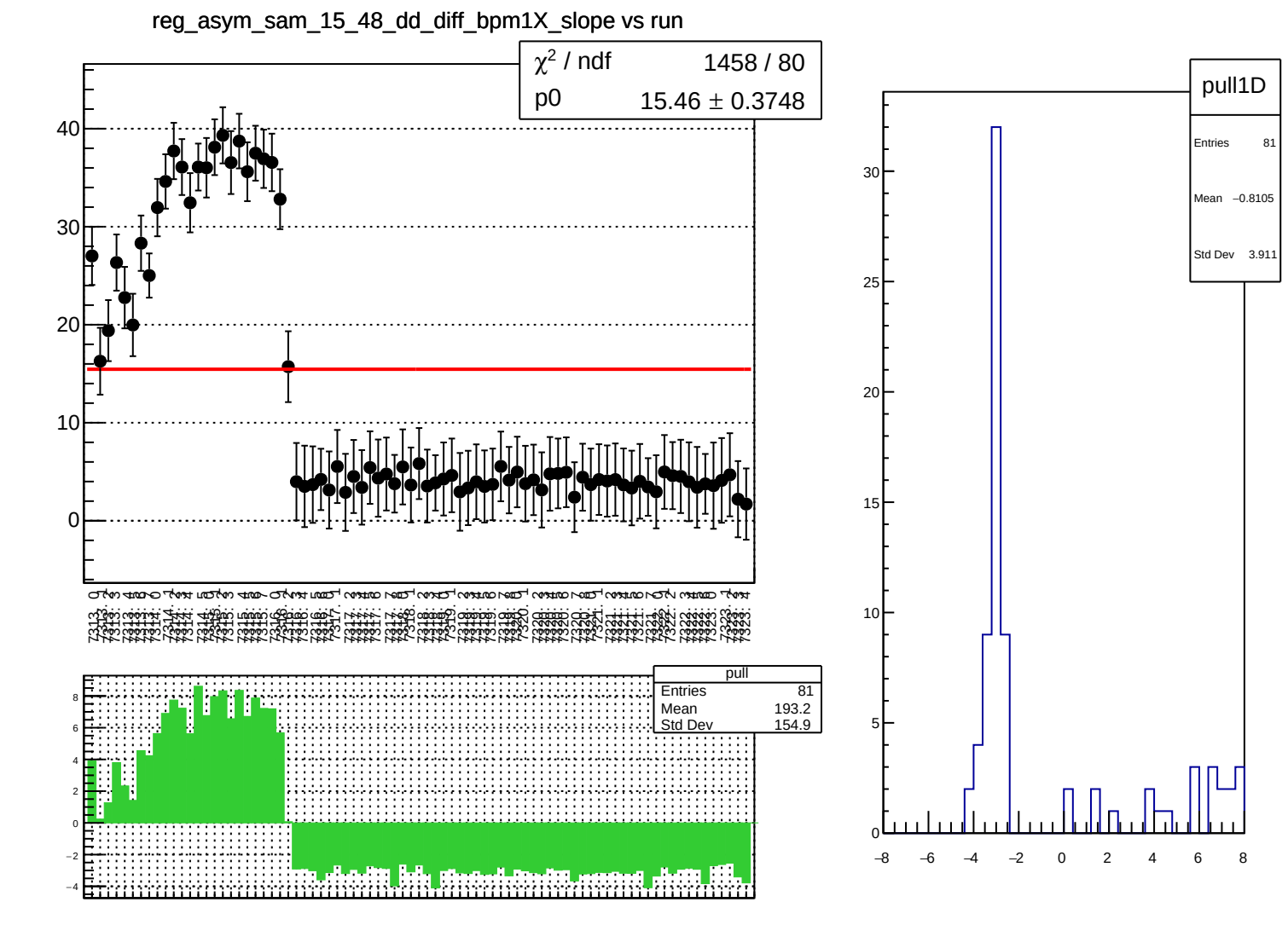

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs run
χ² / ndf 417.9 / 80
p0 −38.74 ± 0.3671
pull
Entries 81
Mean 194.4
Std Dev 155.5

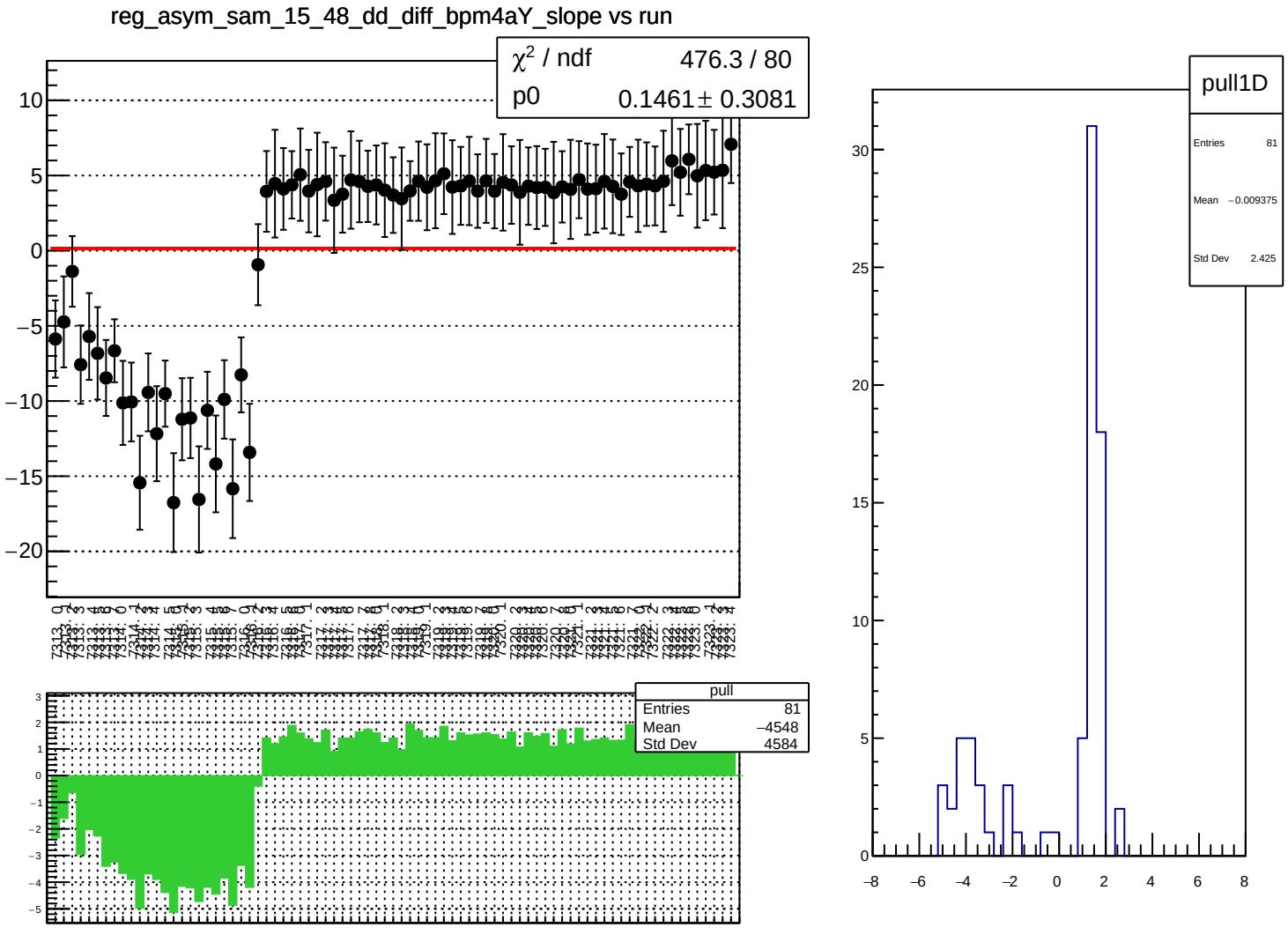

pull1D
Entries 81
Mean −0.2633
Std Dev 2.256

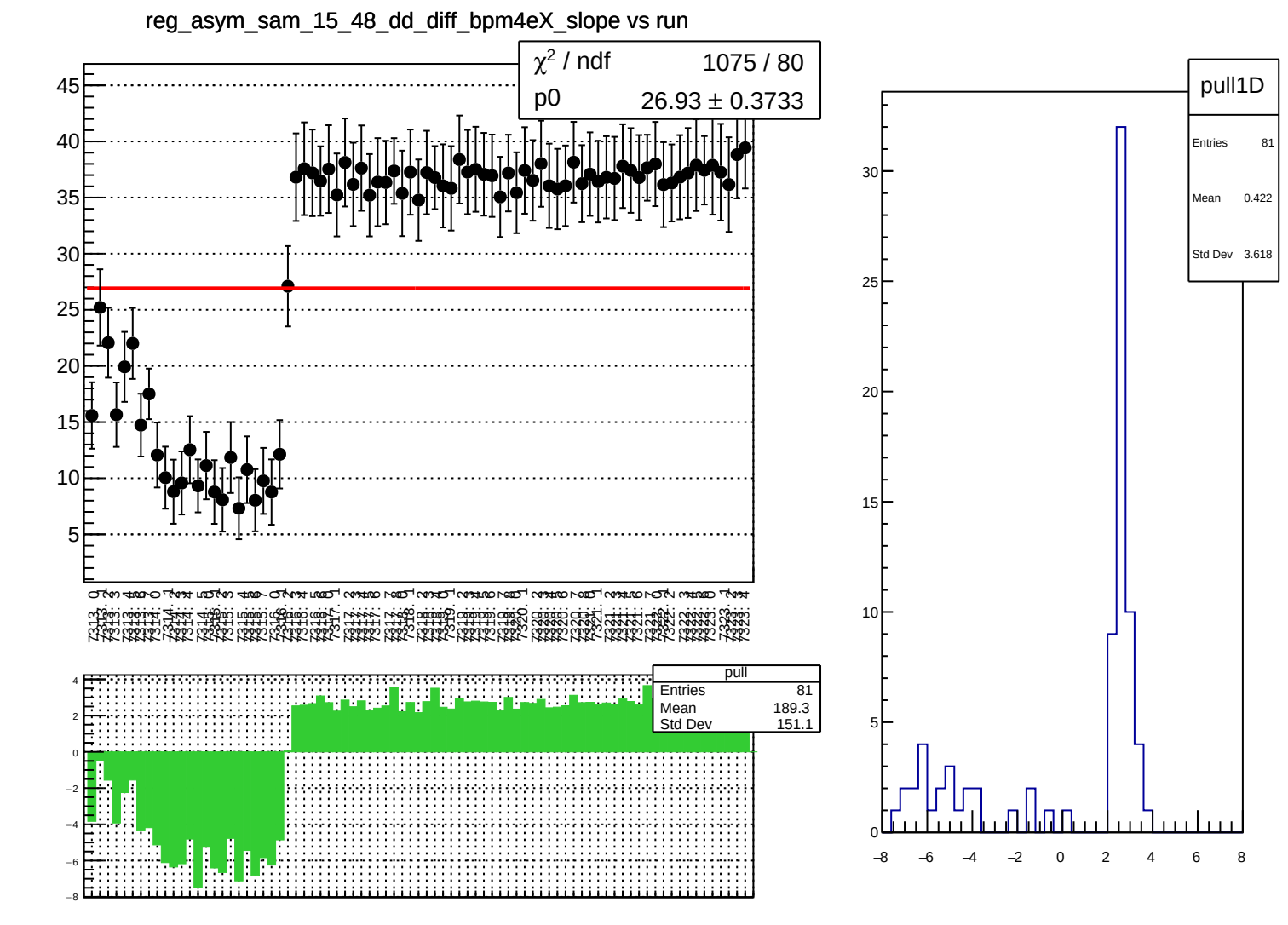

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs run
χ² / ndf 218.2 / 80
p0 −12.68 ± 0.3284
pull
Entries 81
Mean −2055
Std Dev 2091

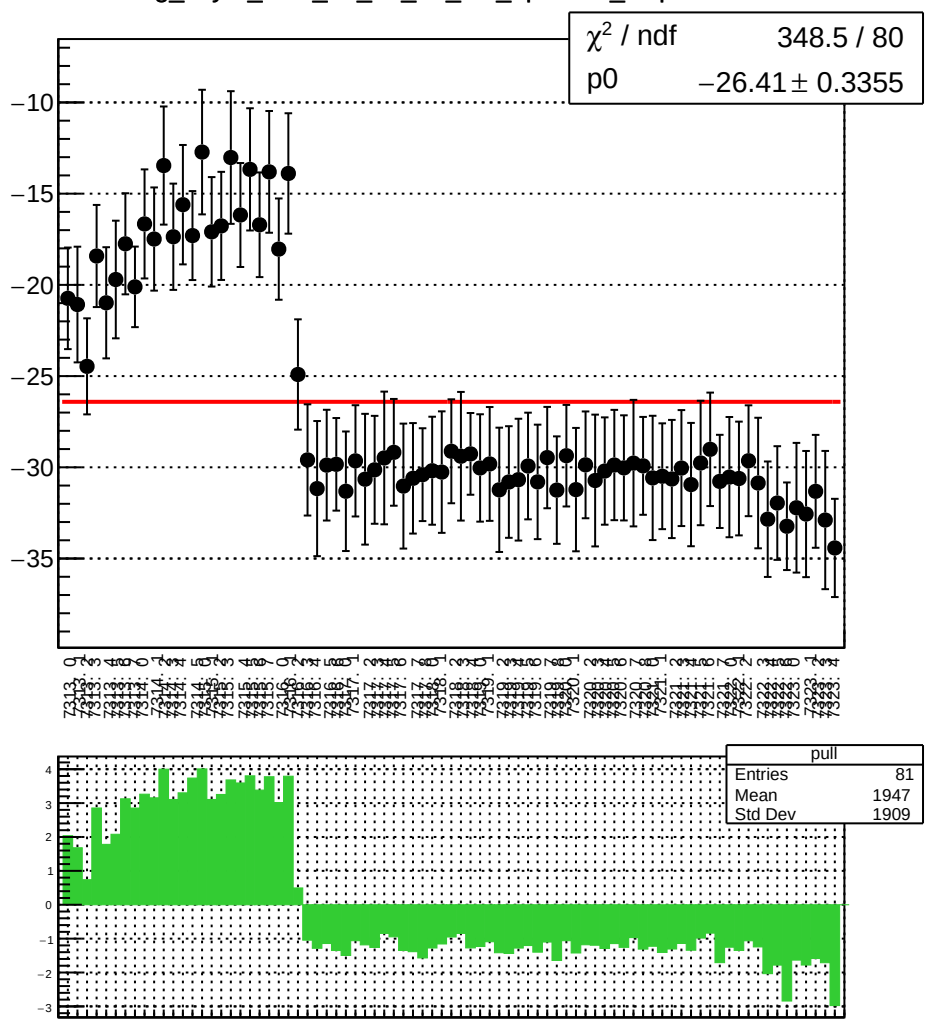

pull1D
Entries 81
Mean −0.01264
Std Dev 1.641

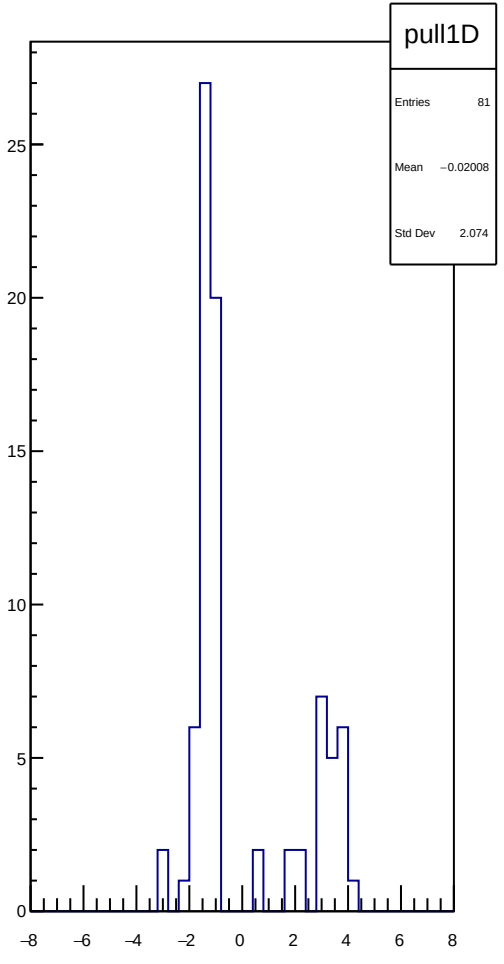

reg_asym_sam_3726_avg_diff_bpm12X_slope vs run
χ² / ndf 22.59 / 80
p0 0.334 ± 0.01384
pull
Entries 81
Mean −217.8
Std Dev 254.1
pull1D
Entries 81
Mean −0.0338
Std Dev 0.527

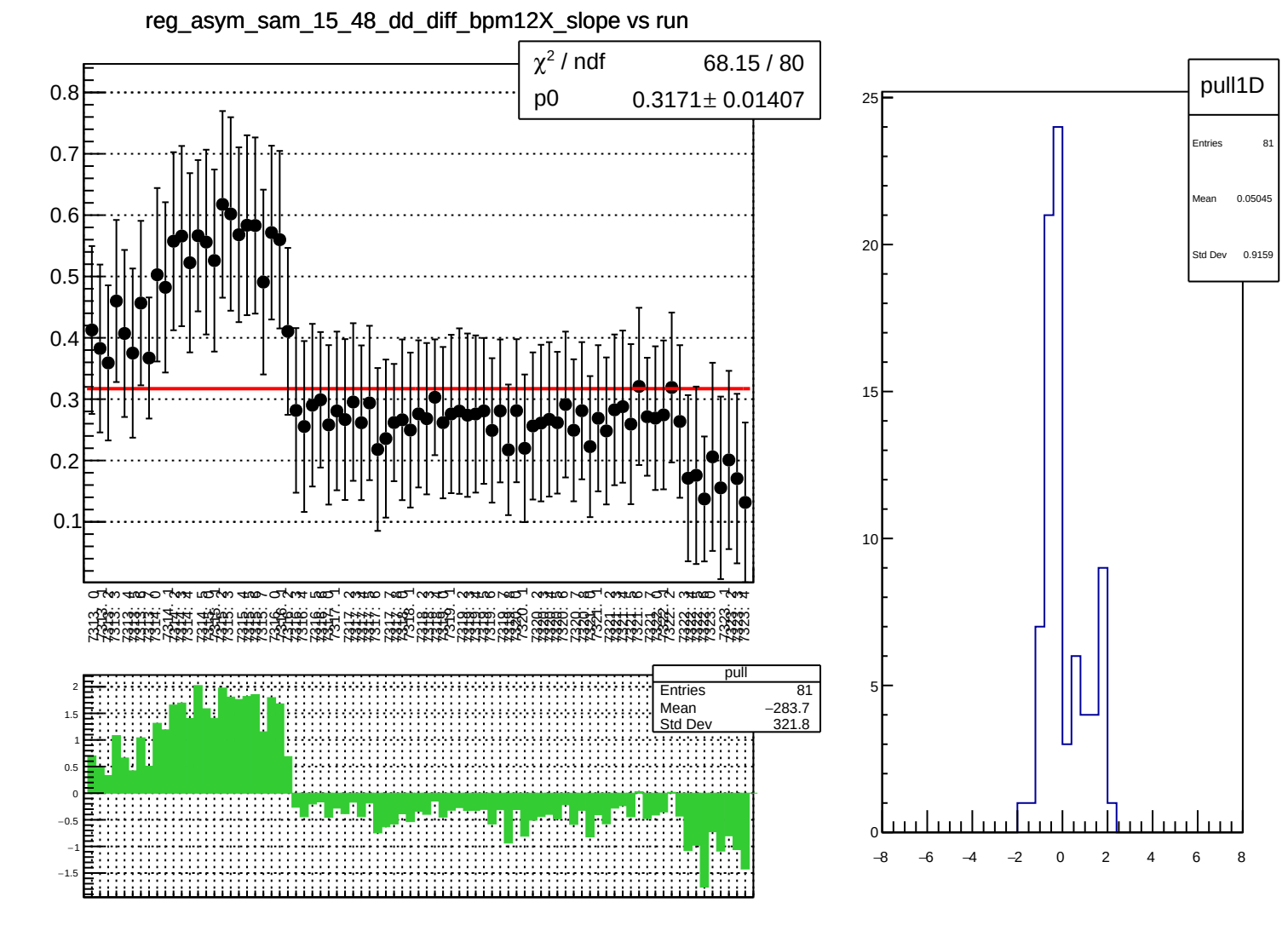

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs run
χ² / ndf 1458 / 80
p0 15.46 ± 0.3748
pull
Entries 81
Mean 193.2
Std Dev 154.9
pull1D
Entries 81
Mean −0.8105
Std Dev 3.911

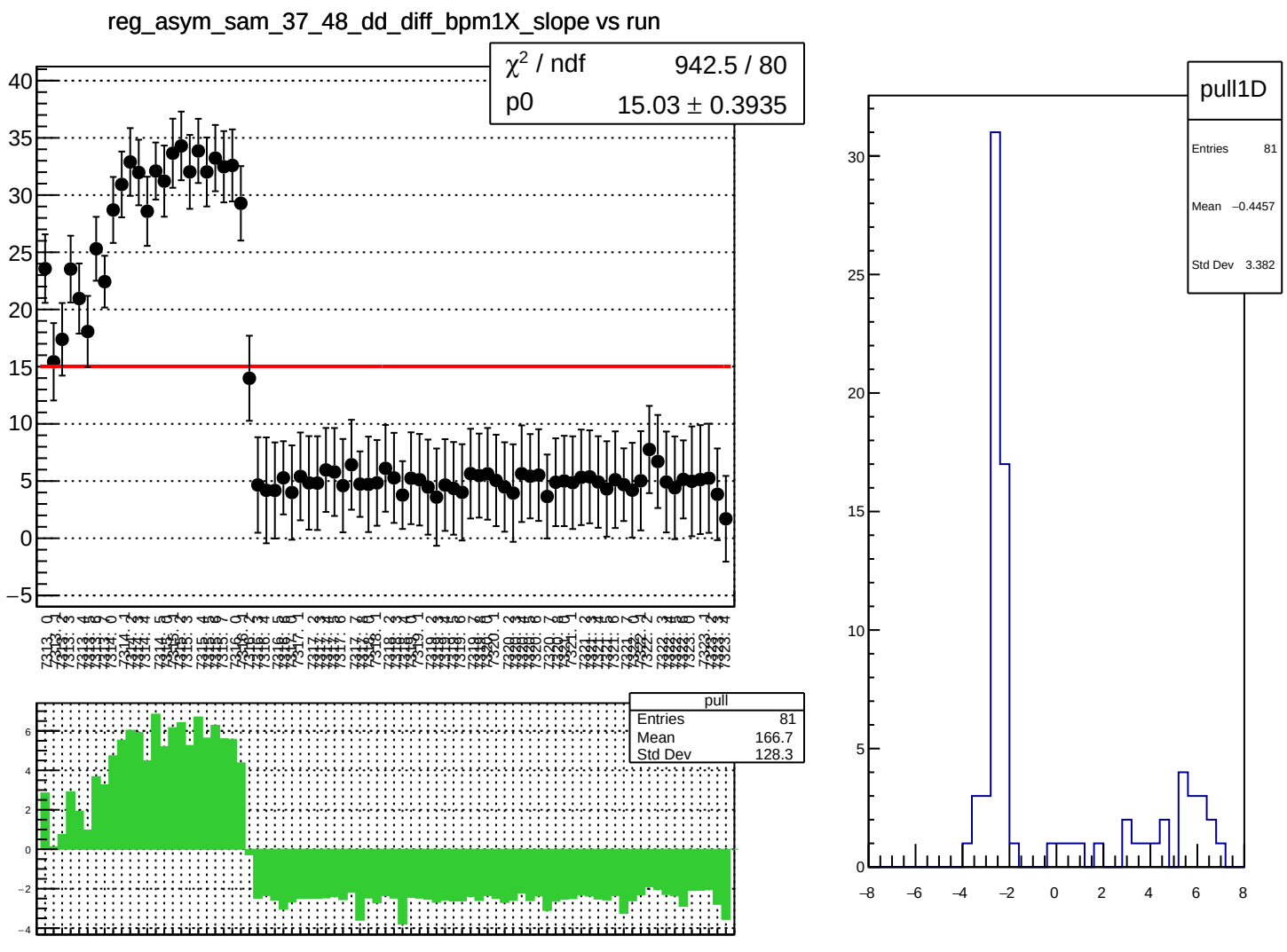

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 476.3 / 80
p0 0.1461 ± 0.3081
pull
Entries 81
Mean −4548
Std Dev 4584
pull1D
Entries 81
Mean −0.009375
Std Dev 2.425

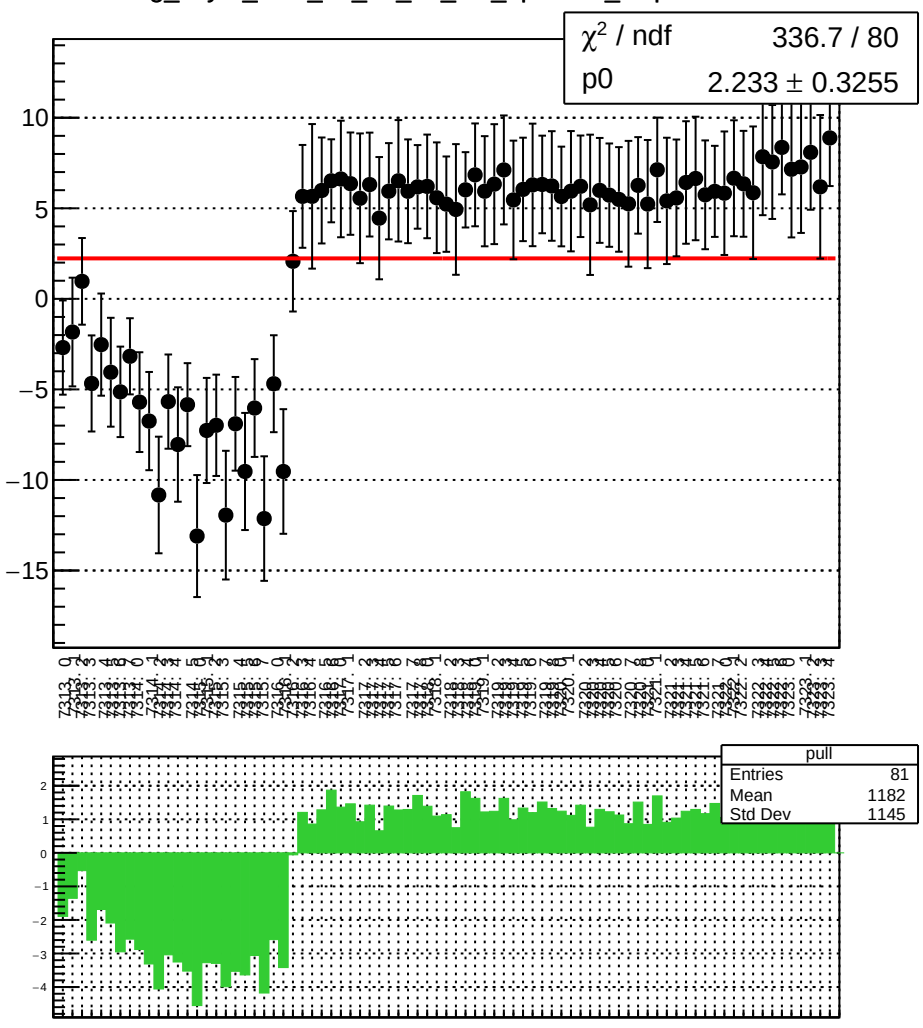

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 1075 / 80
p0 26.93 ± 0.3733
pull
Entries 81
Mean 189.3
Std Dev 151.1
pull1D
Entries 81
Mean 0.422
Std Dev 3.618

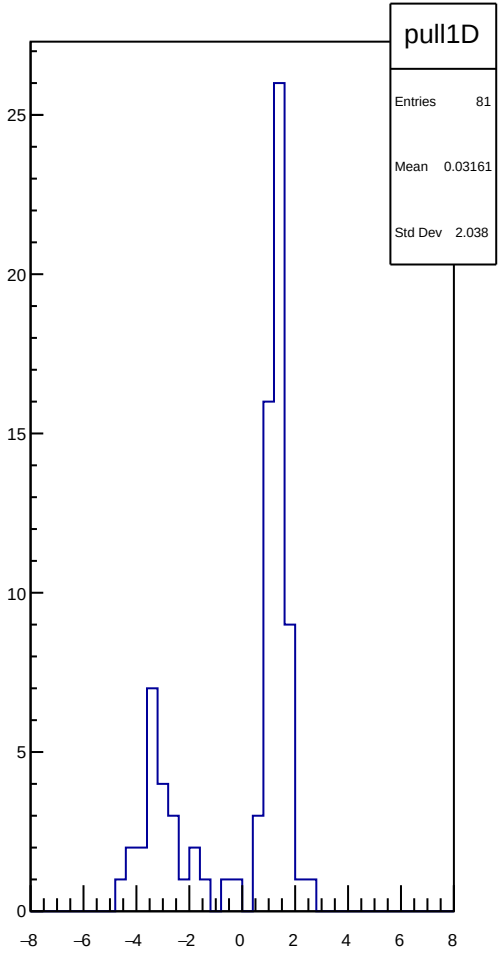

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 348.5 / 80
p0 −26.41 ± 0.3355
pull
Entries 81
Mean 1947
Std Dev 1909

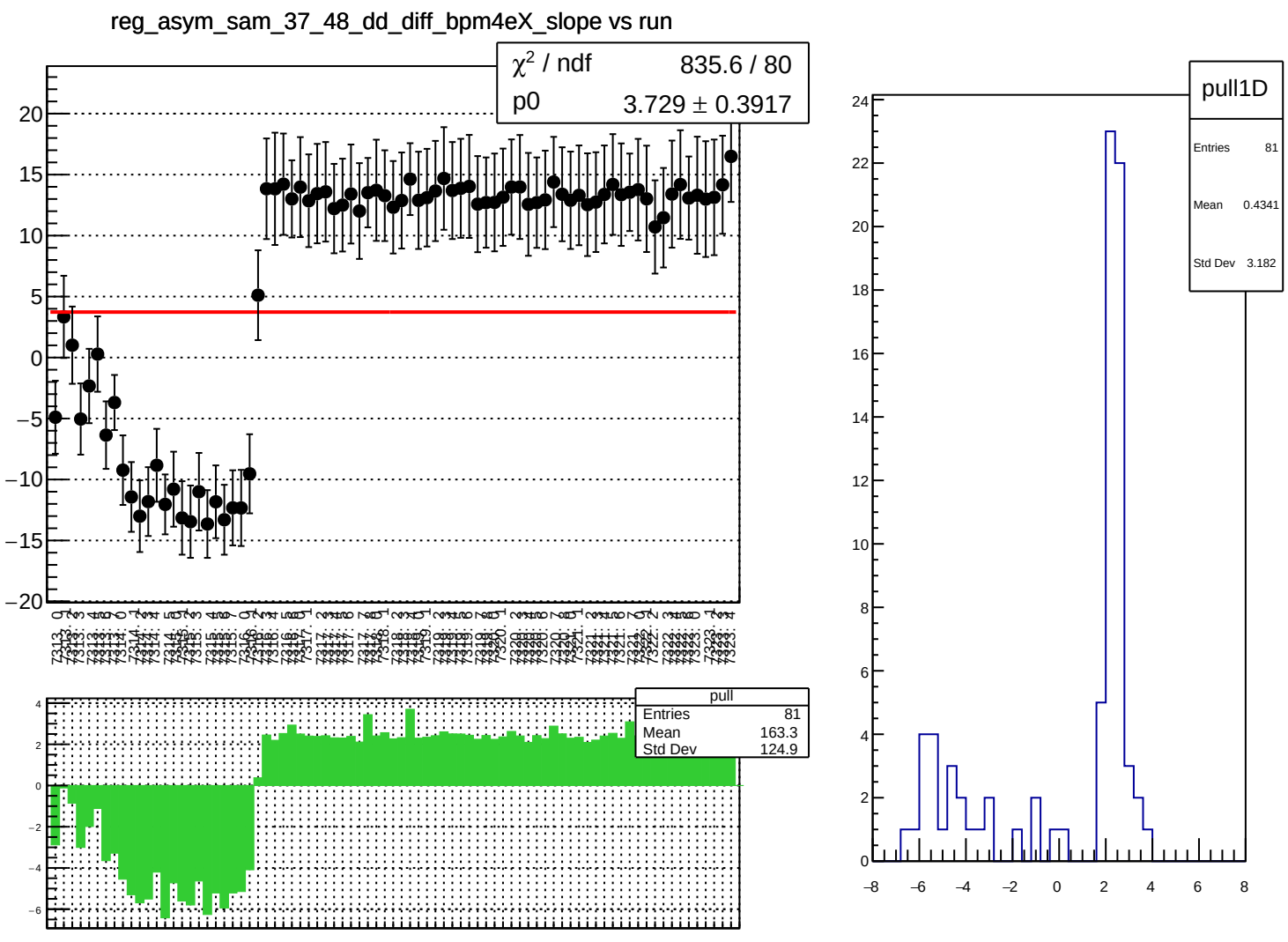

pull1D
Entries 81
Mean −0.02008
Std Dev 2.074

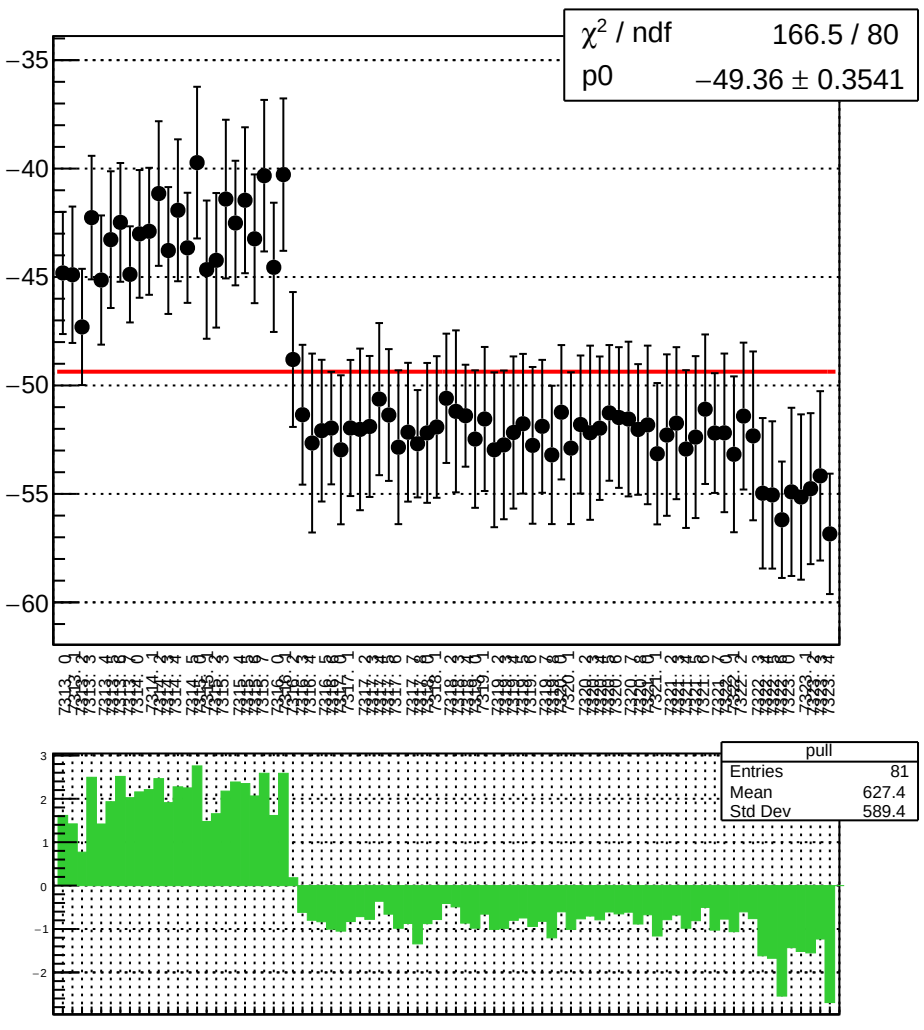

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs run
χ² / ndf 68.15 / 80
p0 0.3171± 0.01407
pull
Entries 81
Mean −283.7
Std Dev 321.8
pull1D
Entries 81
Mean 0.05045
Std Dev 0.9159

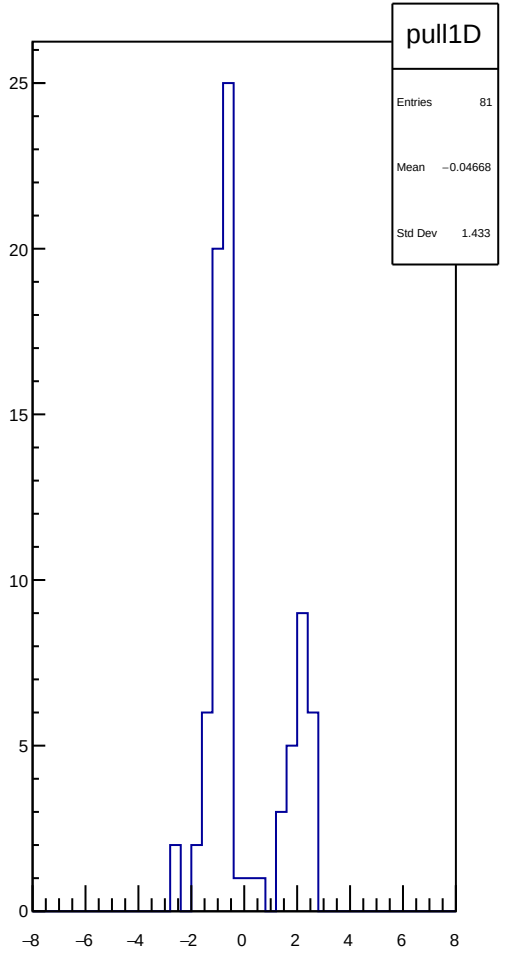

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs run
χ² / ndf 942.5 / 80
p0 15.03 ± 0.3935
pull
Entries 81
Mean 166.7
Std Dev 128.3
pull1D
Entries 81
Mean −0.4457
Std Dev 3.382

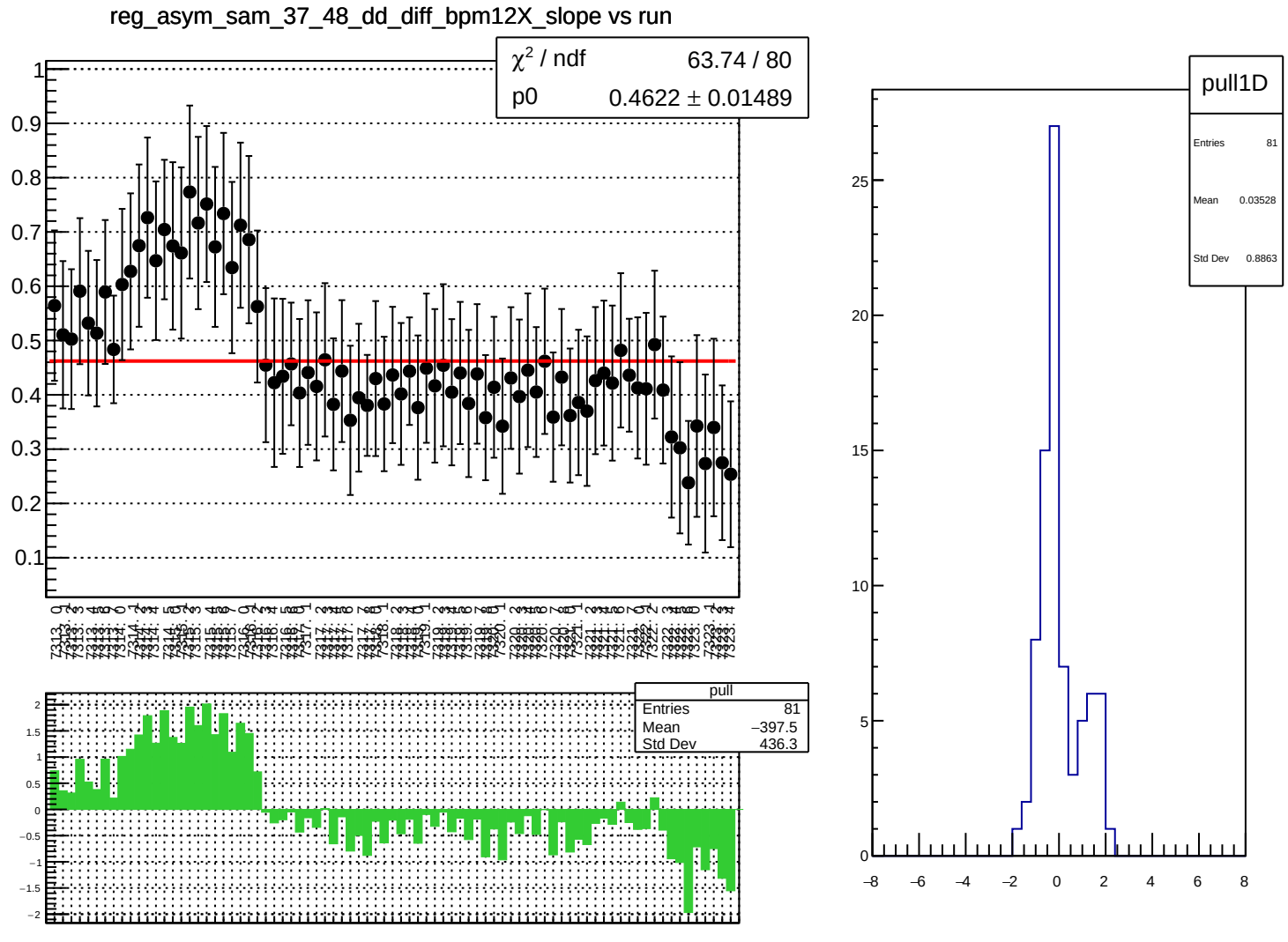

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 336.7 / 80
p0 2.233 ± 0.3255
pull
Entries 81
Mean 1182
Std Dev 1145

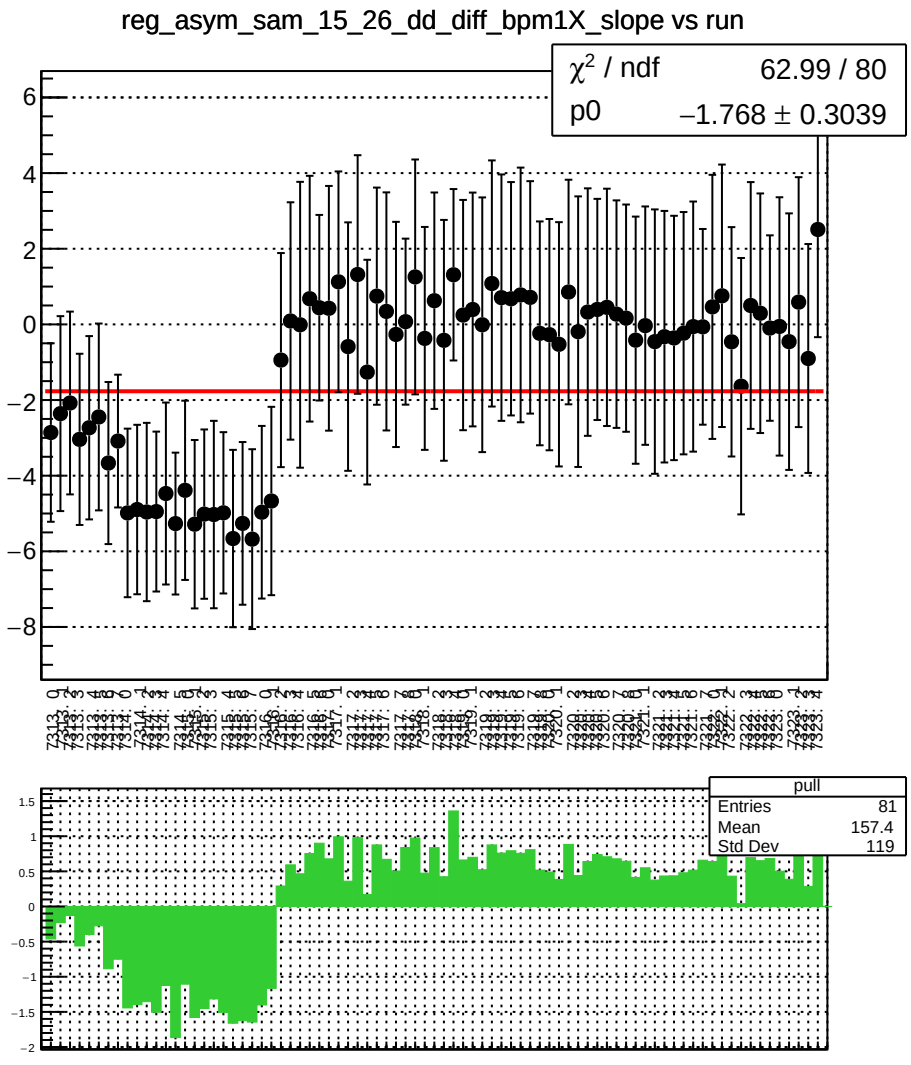

pull1D
Entries 81
Mean 0.03161
Std Dev 2.038

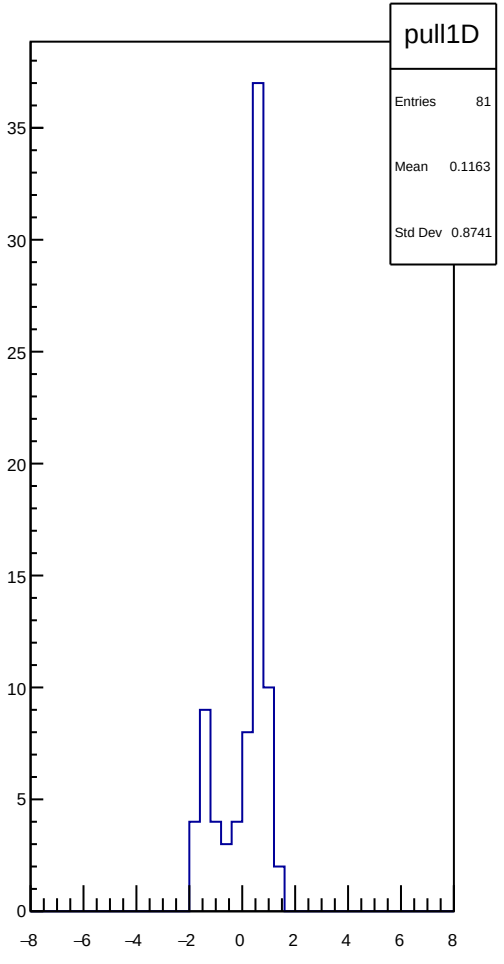

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 835.6 / 80
p0 3.729 ± 0.3917
pull
Entries 81
Mean 163.3
Std Dev 124.9
pull1D
Entries 81
Mean 0.4341
Std Dev 3.182

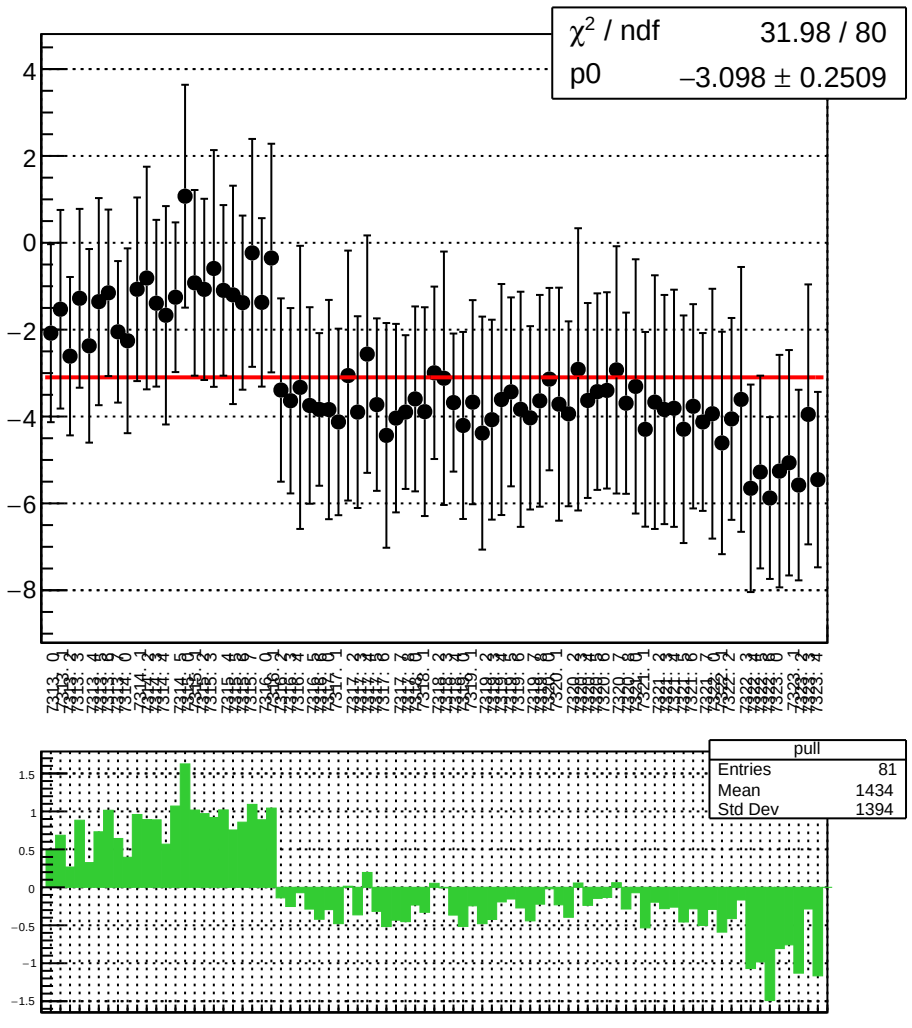

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 166.5 / 80
p0 −49.36 ± 0.3541
pull
Entries 81
Mean 627.4
Std Dev 589.4

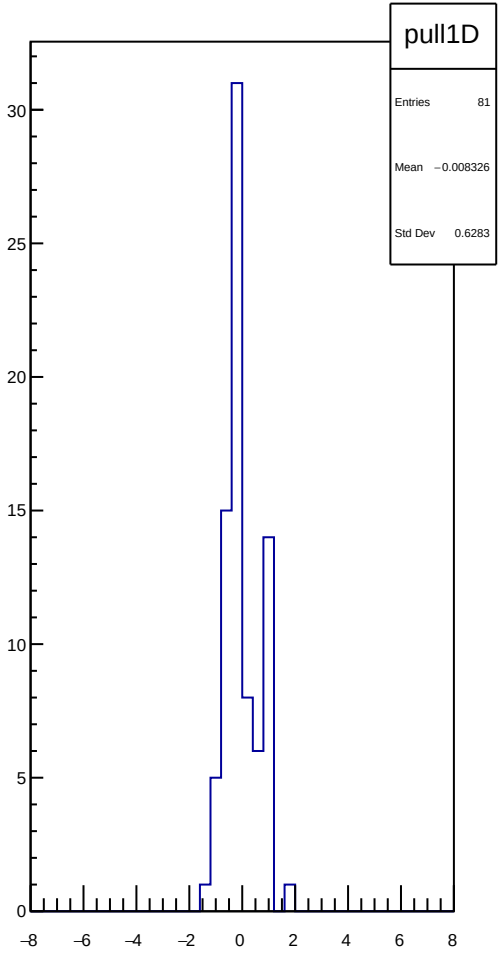

pull1D
Entries 81
Mean −0.04668
Std Dev 1.433

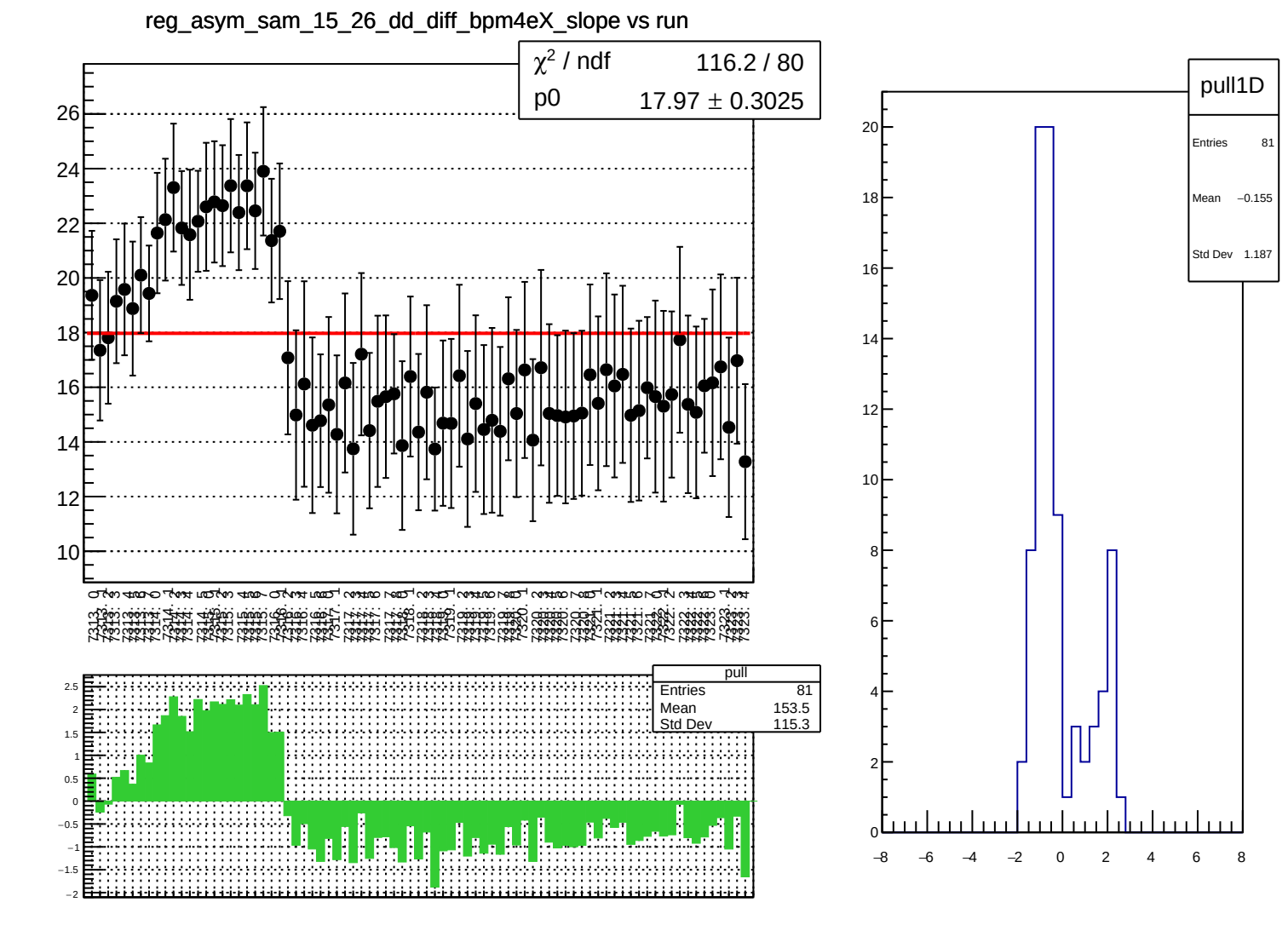

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs run
χ² / ndf 63.74 / 80
p0 0.4622 ± 0.01489
pull
Entries 81
Mean −397.5
Std Dev 436.3
pull1D
Entries 81
Mean 0.03528
Std Dev 0.8863

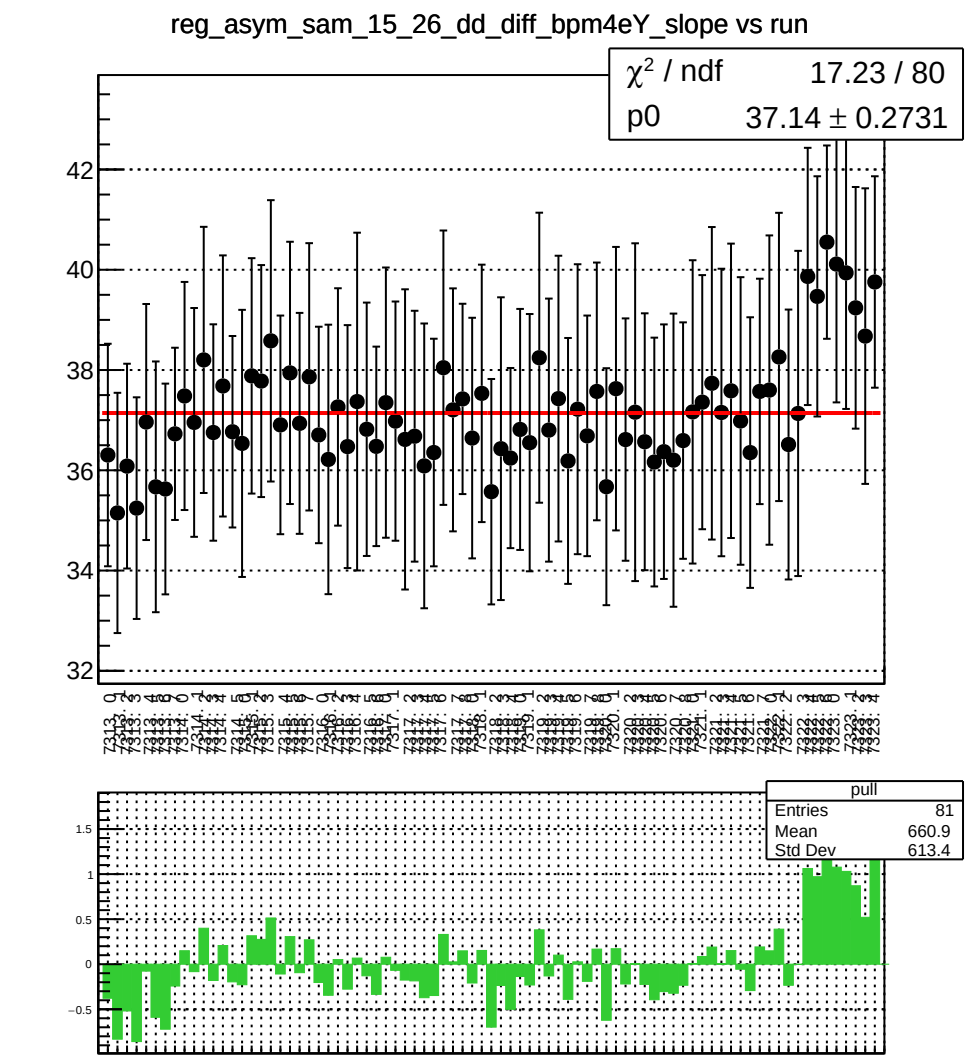

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs run
χ² / ndf 62.99 / 80
p0 −1.768 ± 0.3039
pull
Entries 81
Mean 157.4
Std Dev 119

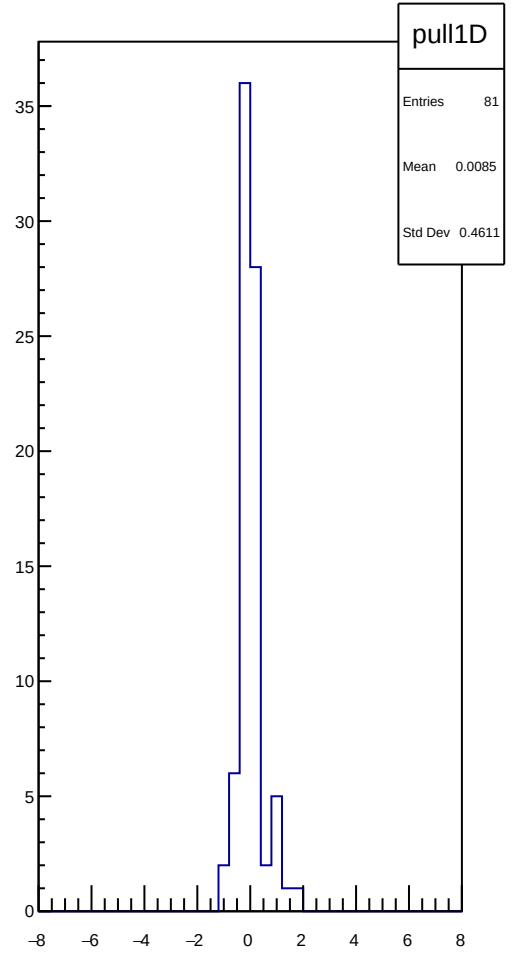

pull1D
Entries 81
Mean 0.1163
Std Dev 0.8741

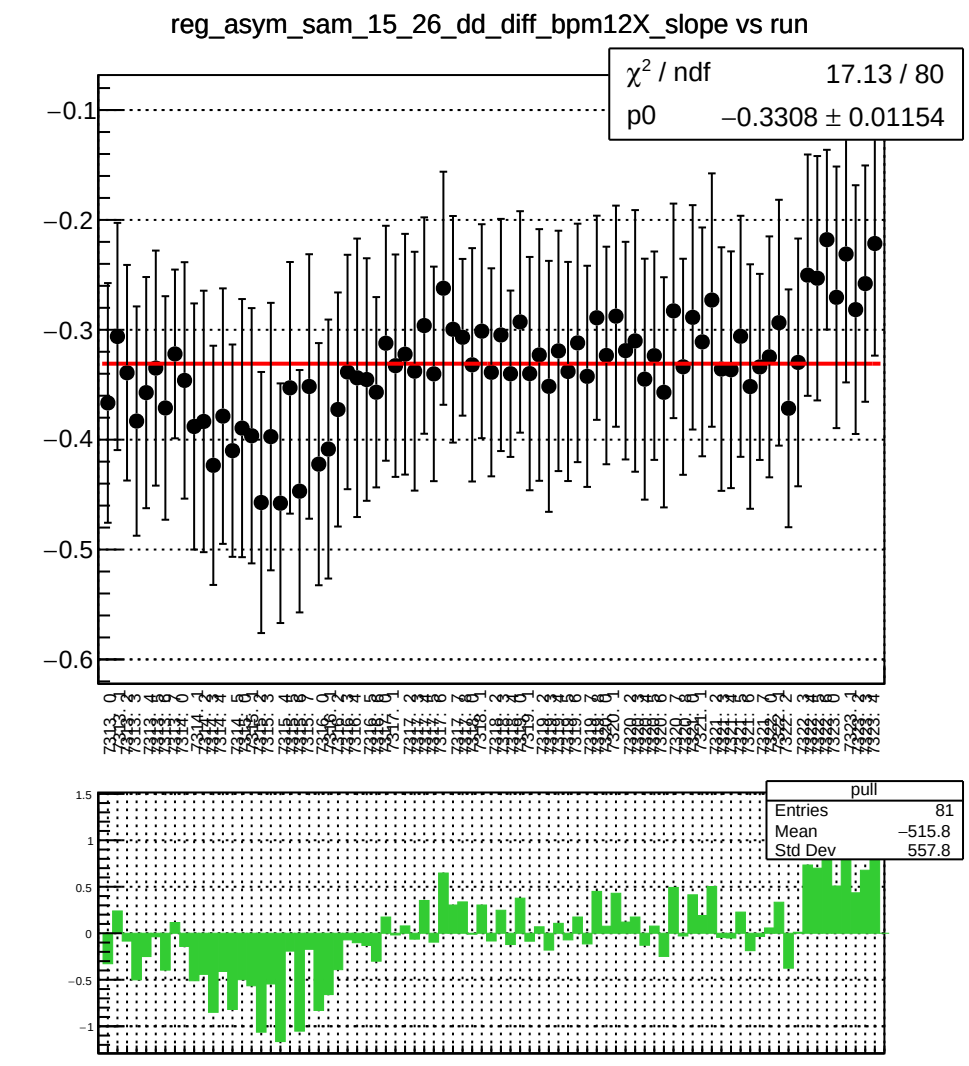

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 31.98 / 80
p0 −3.098 ± 0.2509
pull
Entries 81
Mean 1434
Std Dev 1394

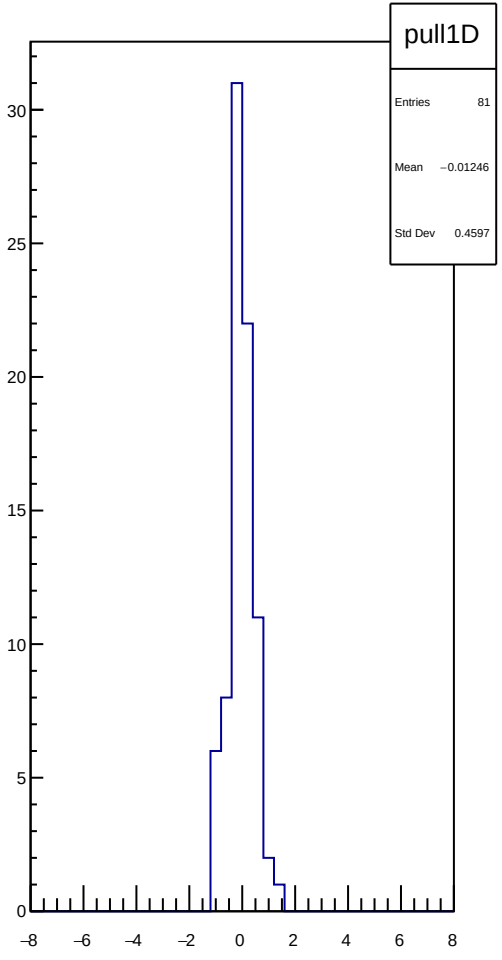

pull1D
Entries 81
Mean −0.008326
Std Dev 0.6283

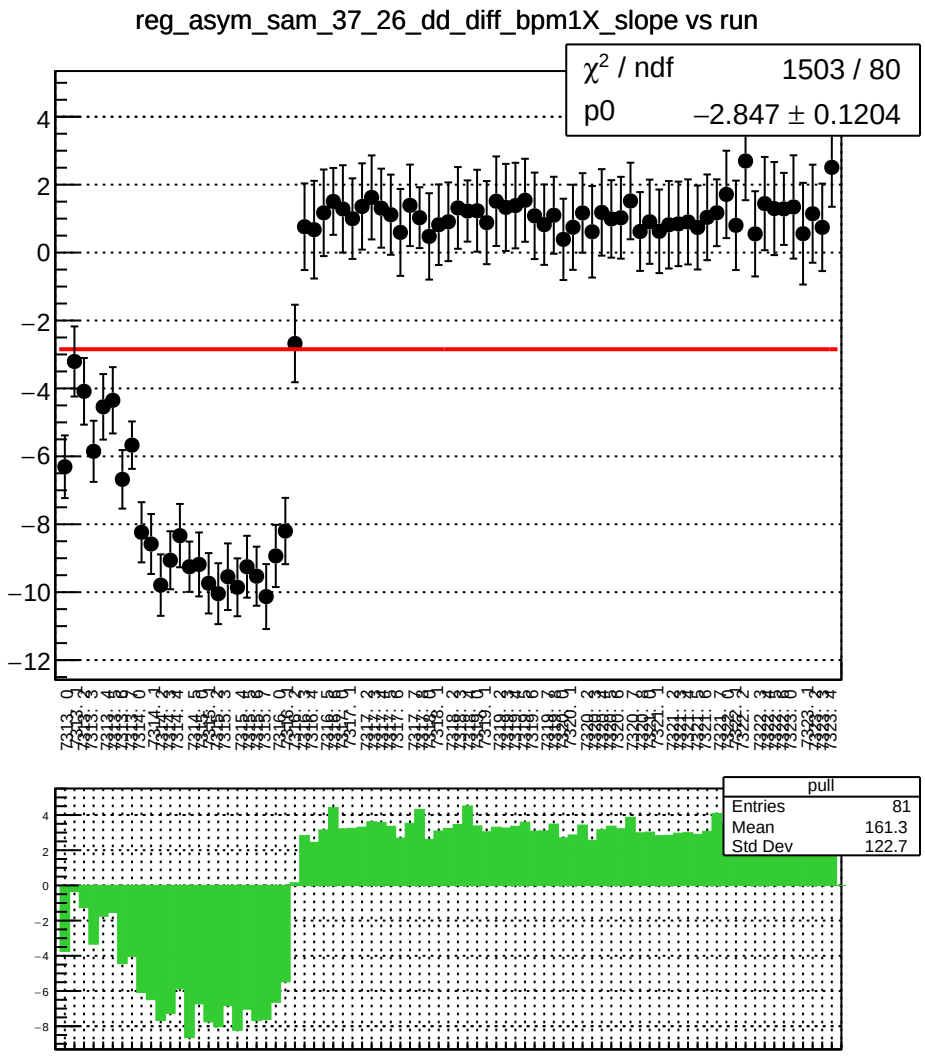

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 116.2 / 80
p0 17.97 ± 0.3025
pull
Entries 81
Mean 153.5
Std Dev 115.3
pull1D
Entries 81
Mean −0.155
Std Dev 1.187

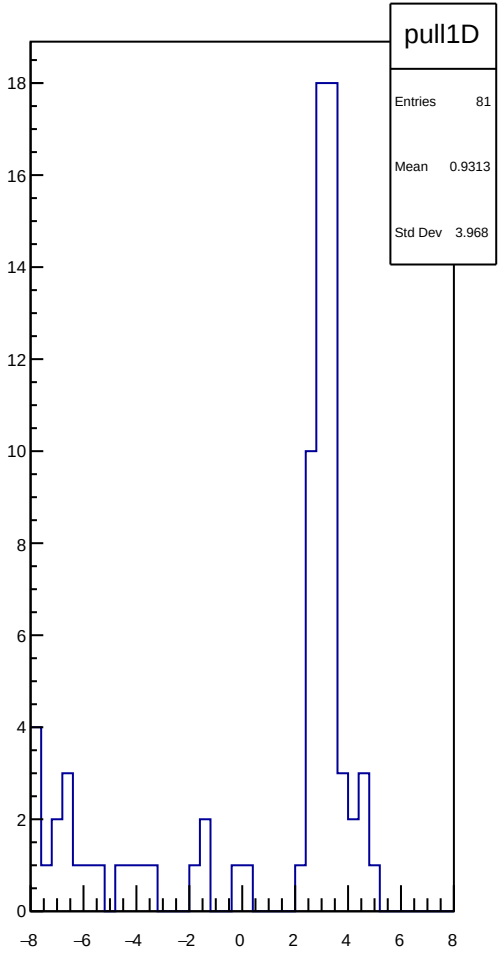

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 17.23 / 80
p0 37.14 ± 0.2731
pull
Entries 81
Mean 660.9
Std Dev 613.4

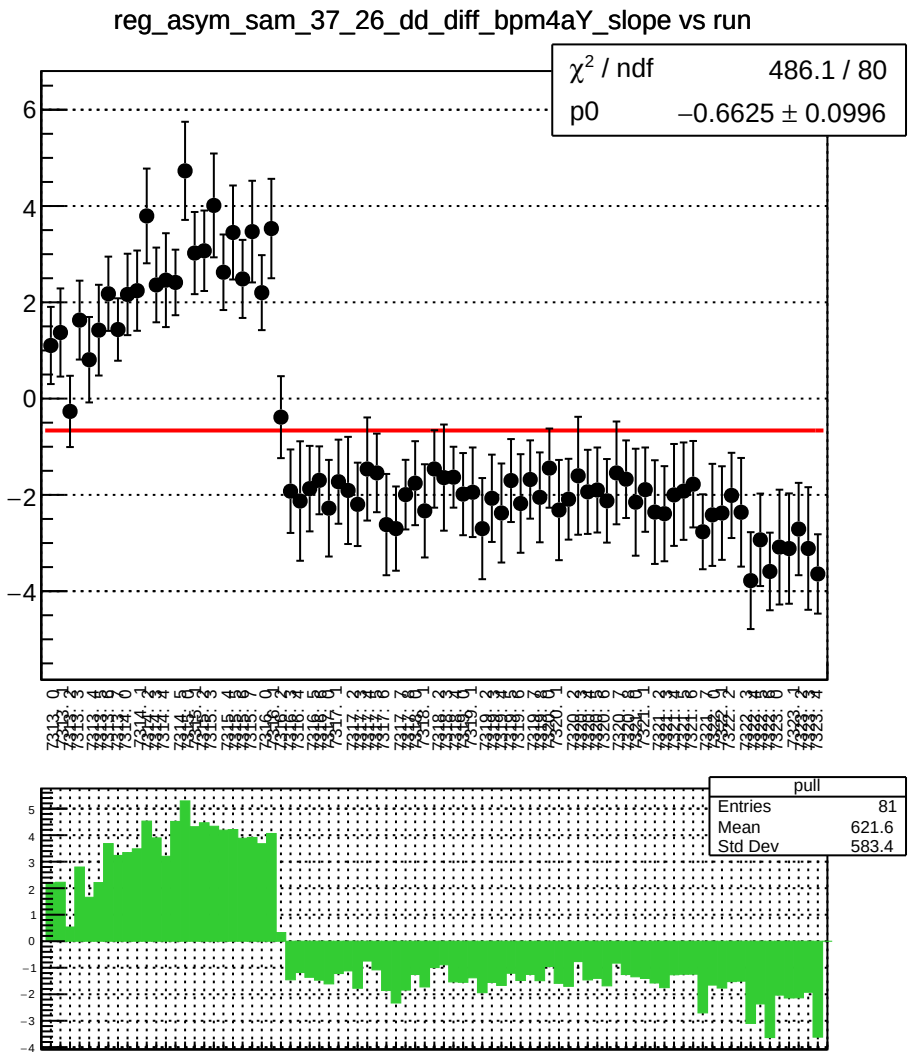

pull1D
Entries 81
Mean 0.0085
Std Dev 0.4611

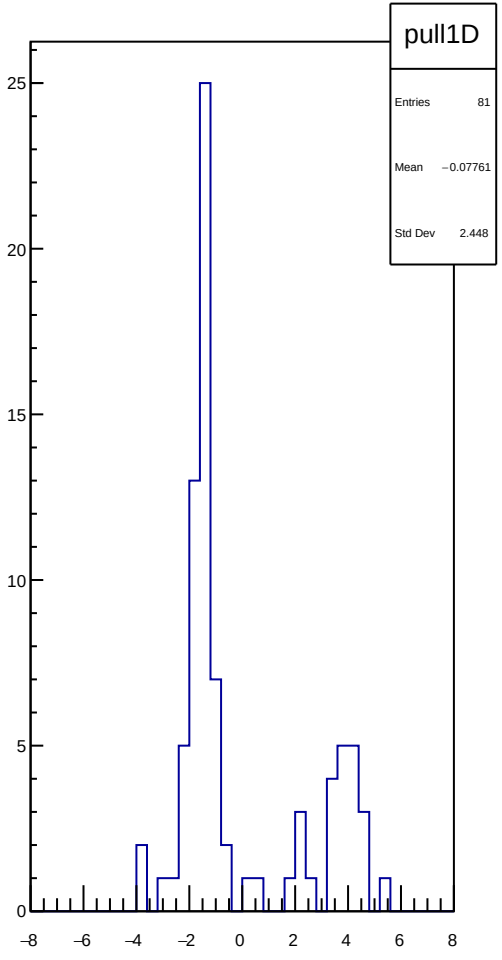

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs run
χ² / ndf 17.13 / 80
p0 −0.3308 ± 0.01154
pull
Entries 81
Mean −515.8
Std Dev 557.8

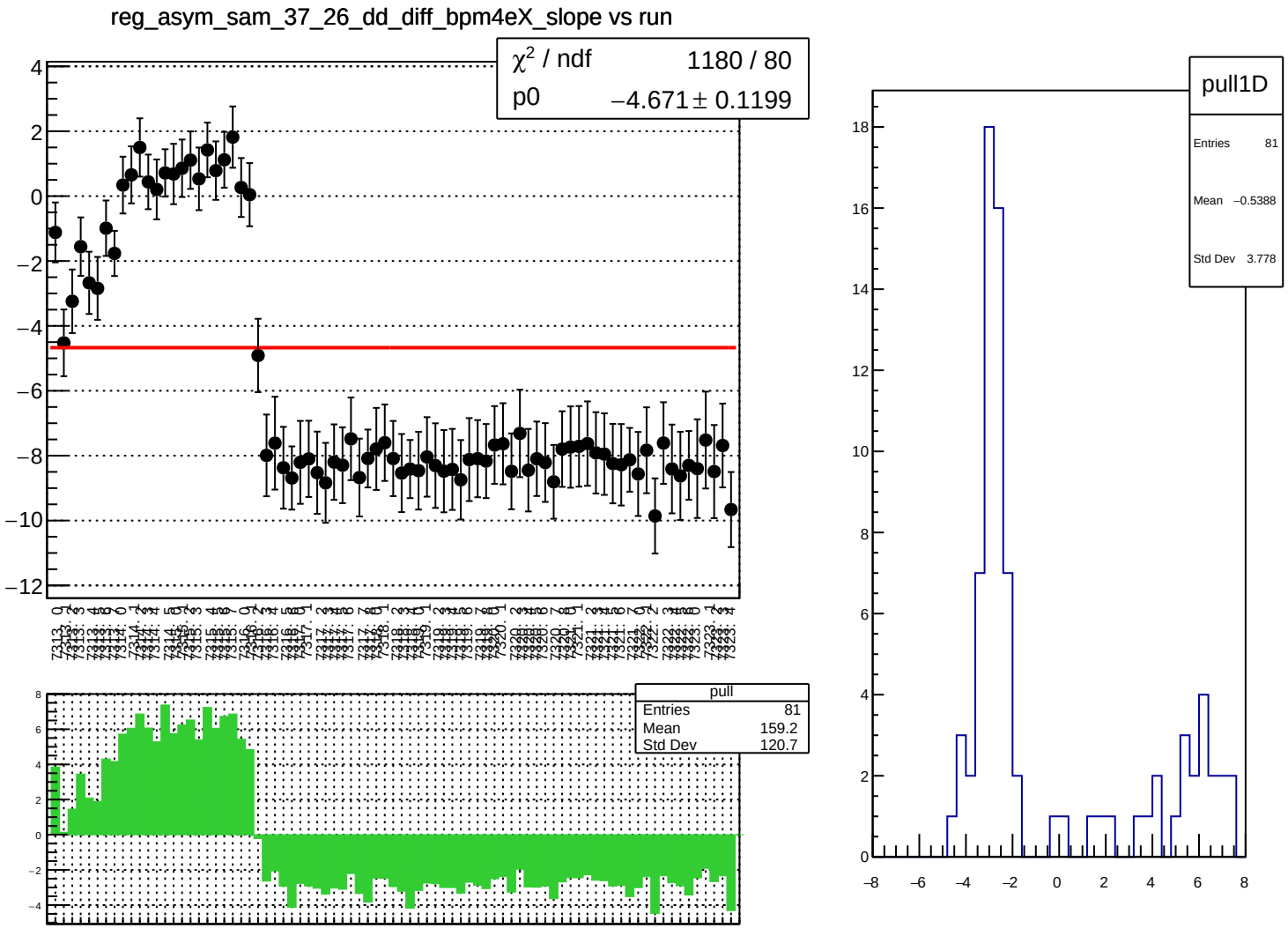

pull1D
Entries 81
Mean −0.01246
Std Dev 0.4597

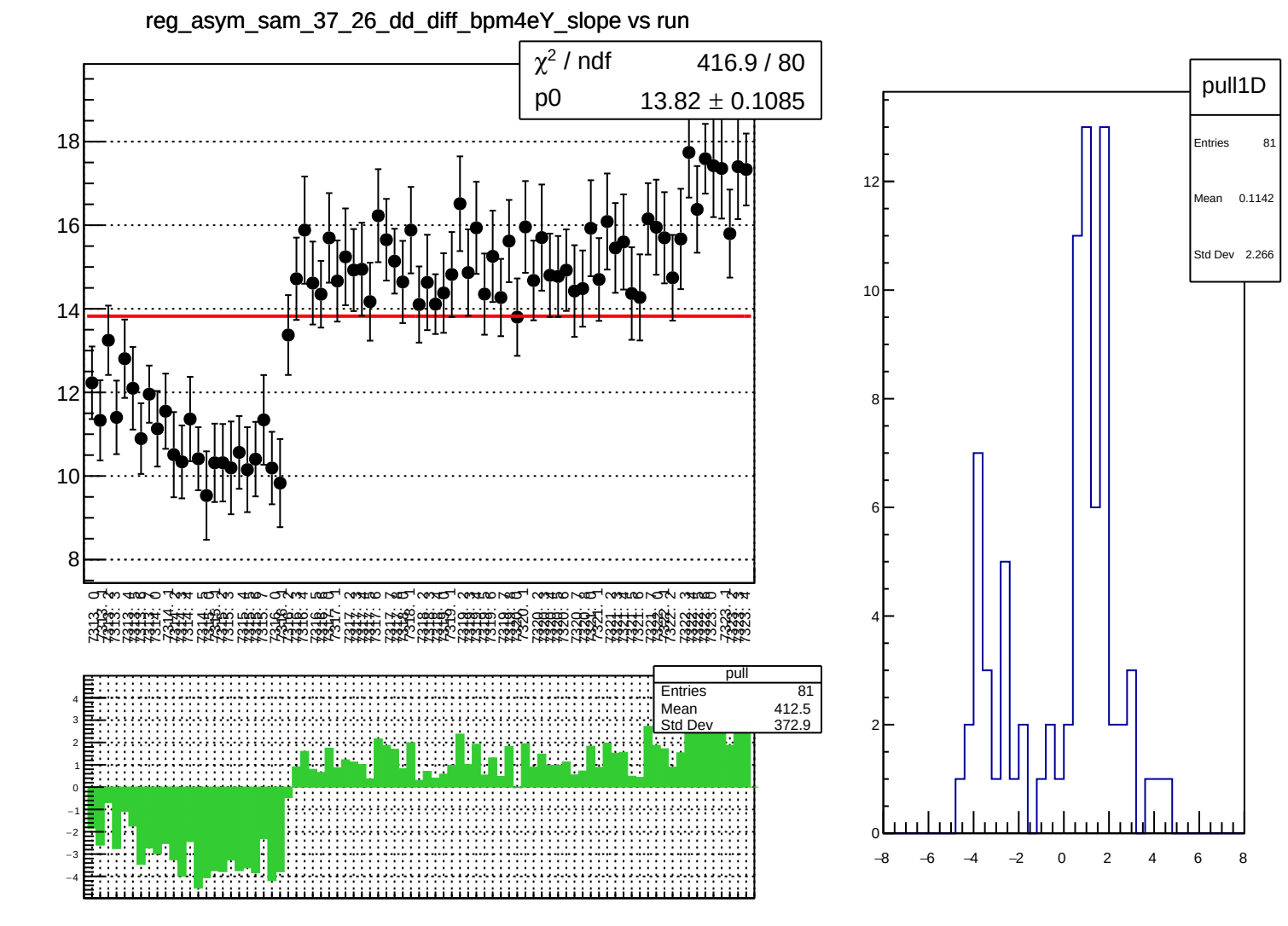

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs run
χ² / ndf 1503 / 80
p0 −2.847 ± 0.1204
pull
Entries 81
Mean 161.3
Std Dev 122.7

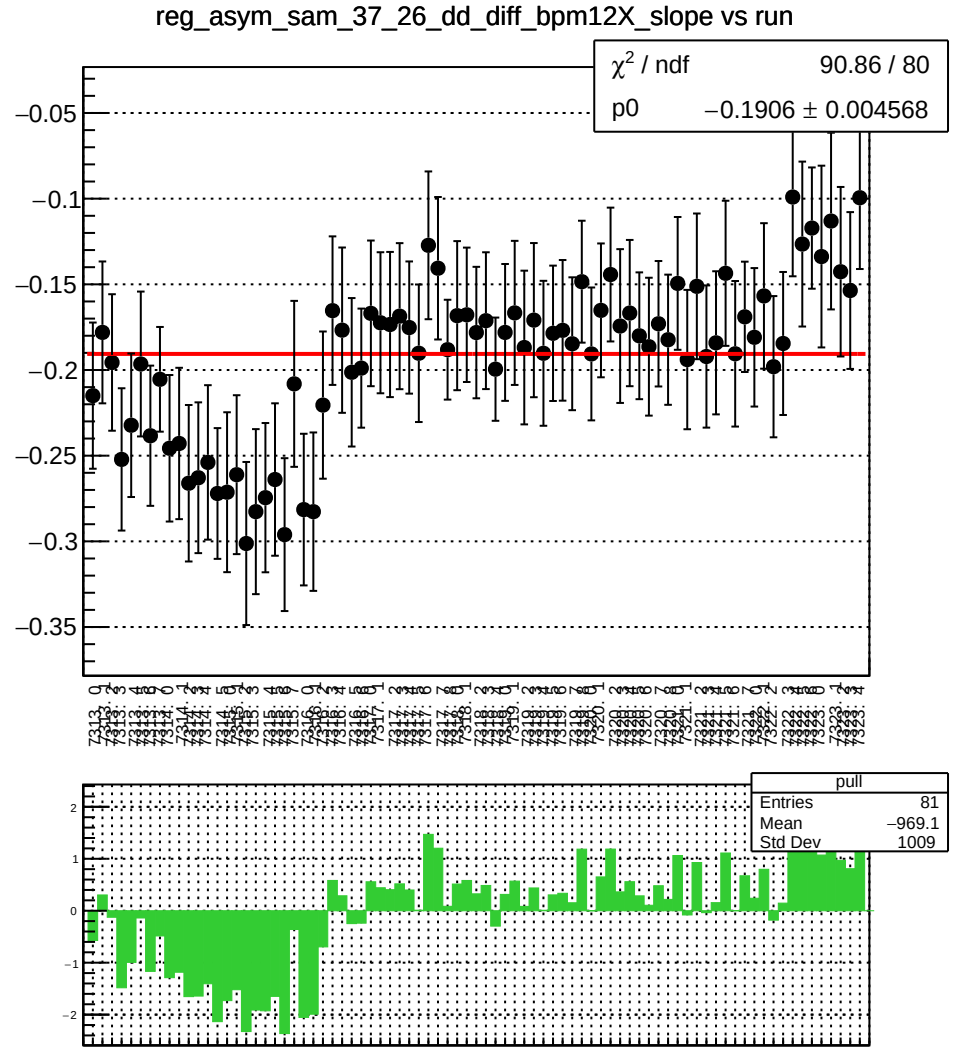

pull1D
Entries 81
Mean 0.9313
Std Dev 3.968

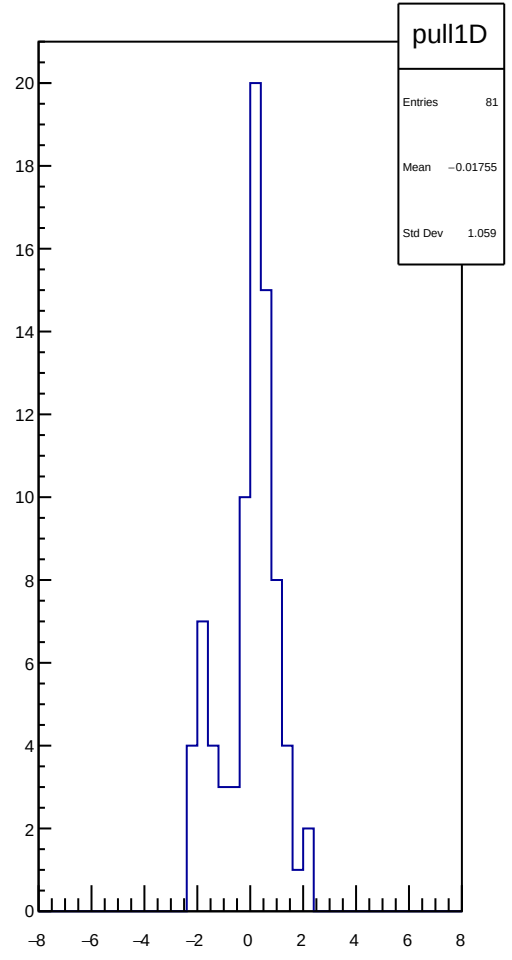

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 486.1 / 80
p0 −0.6625 ± 0.0996
pull
Entries 81
Mean 621.6
Std Dev 583.4

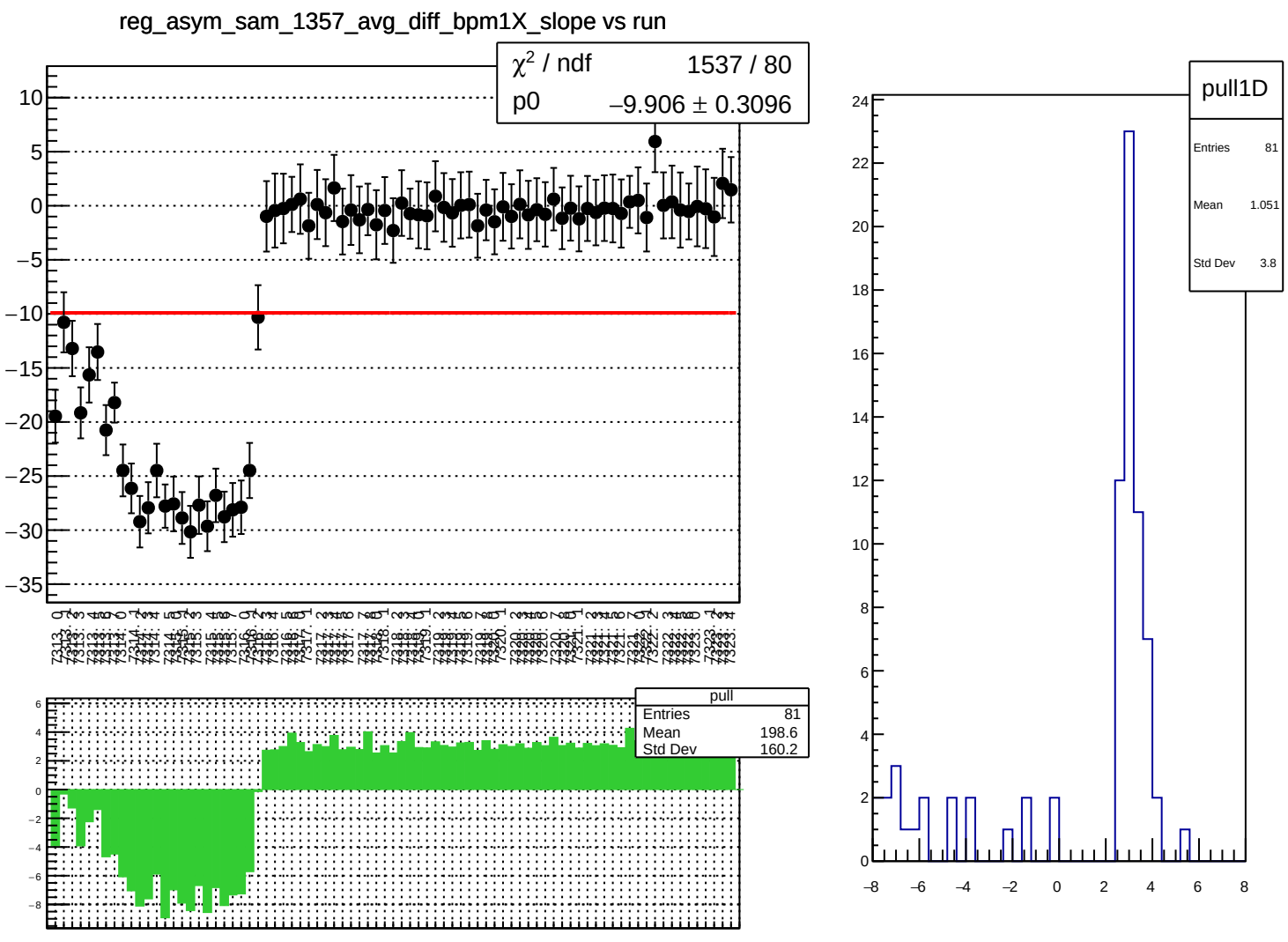

pull1D
Entries 81
Mean −0.07761
Std Dev 2.448

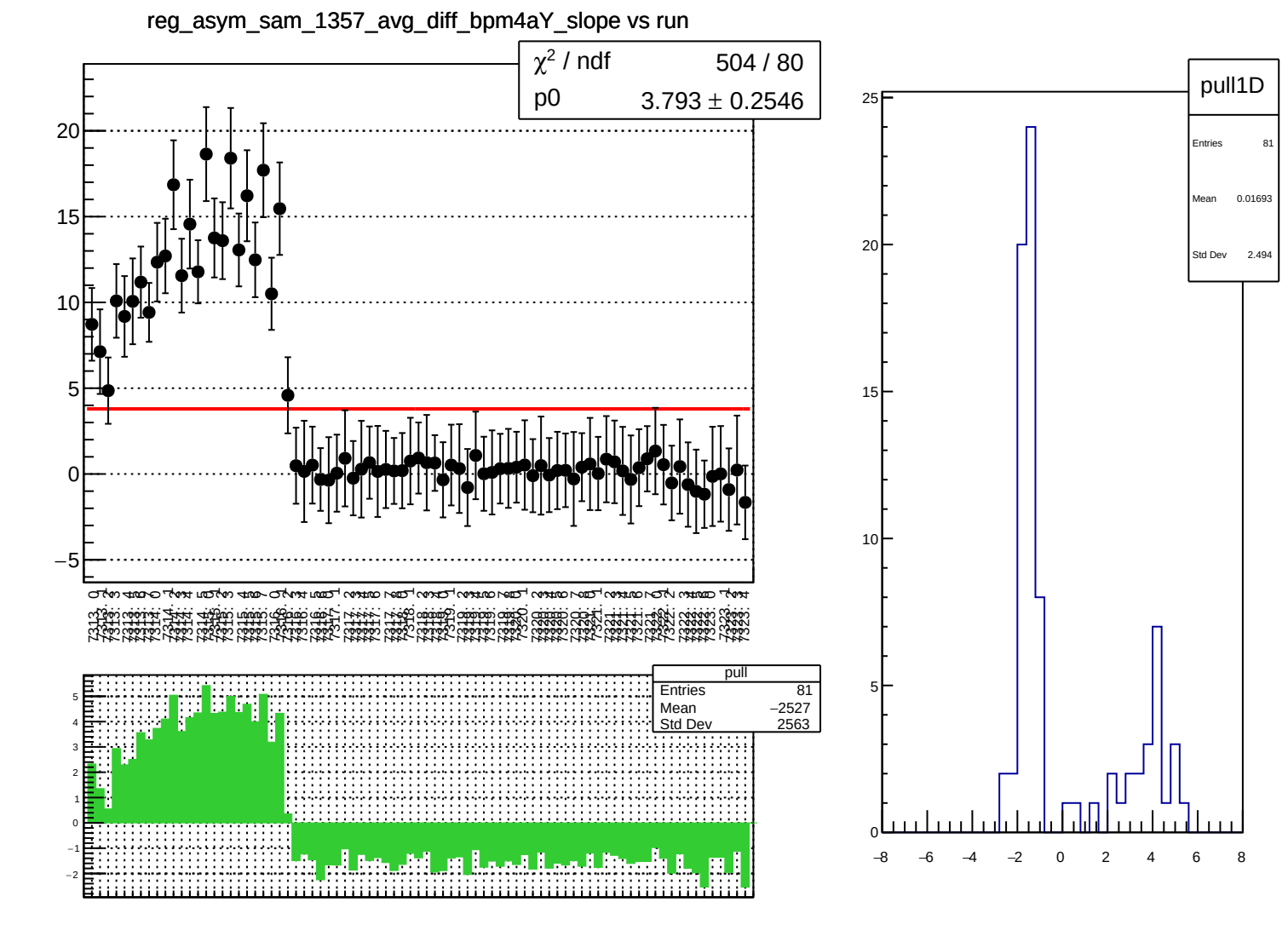

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 1180 / 80
p0 −4.671 ± 0.1199
pull
Entries 81
Mean 159.2
Std Dev 120.7
pull1D
Entries 81
Mean −0.5388
Std Dev 3.778

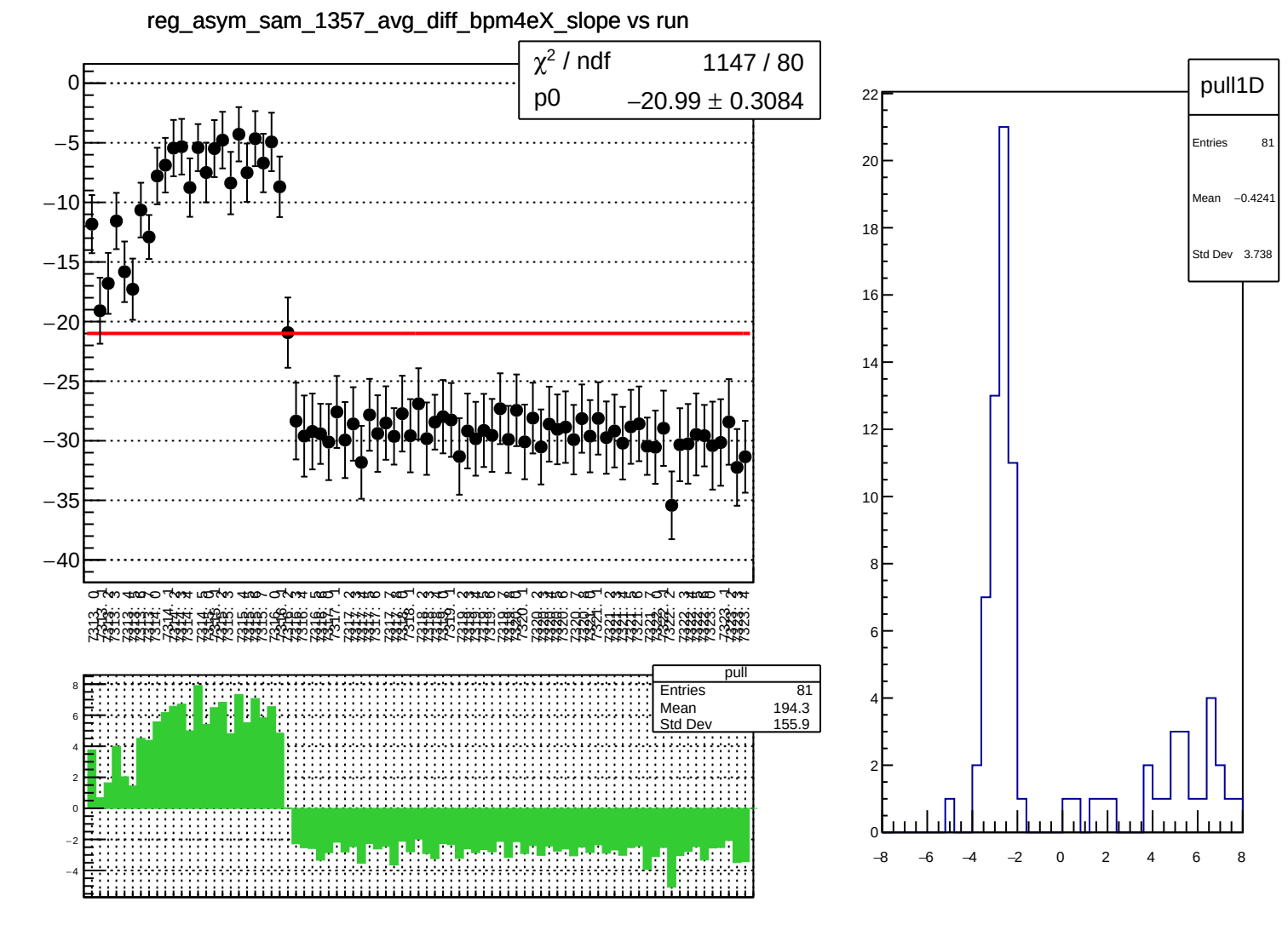

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 416.9 / 80
p0 13.82 ± 0.1085
pull
Entries 81
Mean 412.5
Std Dev 372.9
pull1D
Entries 81
Mean 0.1142
Std Dev 2.266

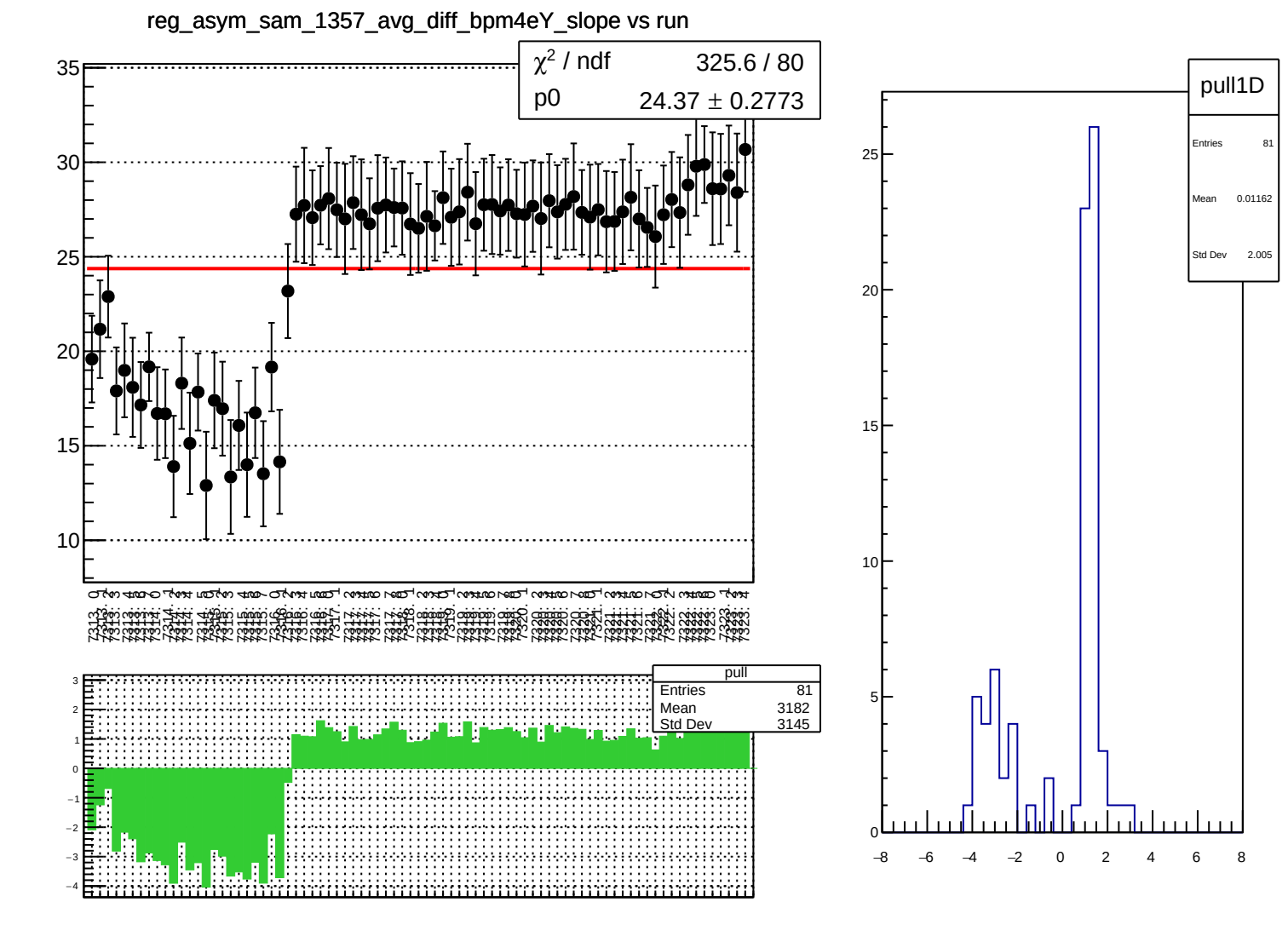

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs run
χ² / ndf 90.86 / 80
p0 −0.1906 ± 0.004568
pull
Entries 81
Mean −969.1
Std Dev 1009

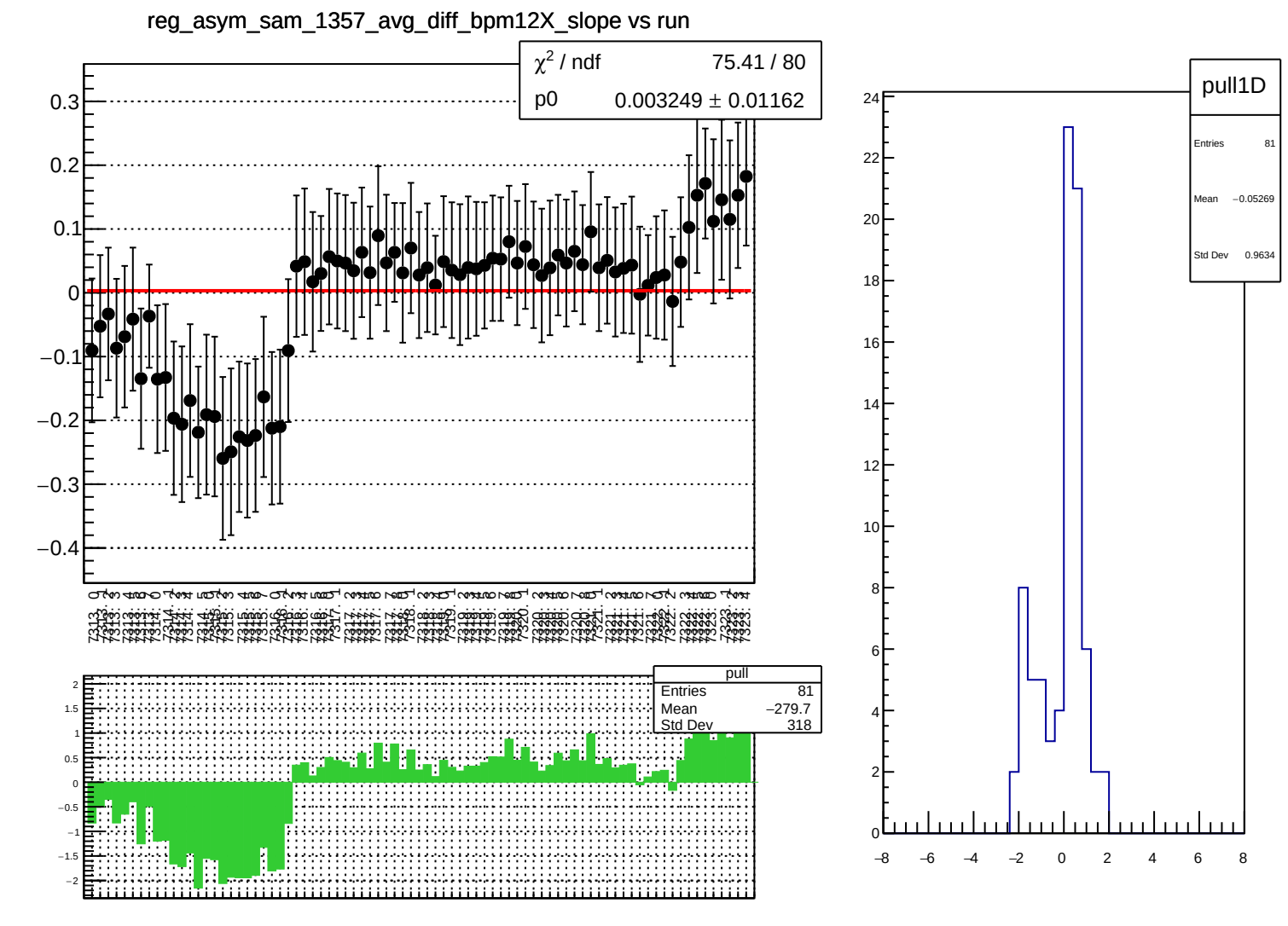

pull1D
Entries 81
Mean −0.01755
Std Dev 1.059

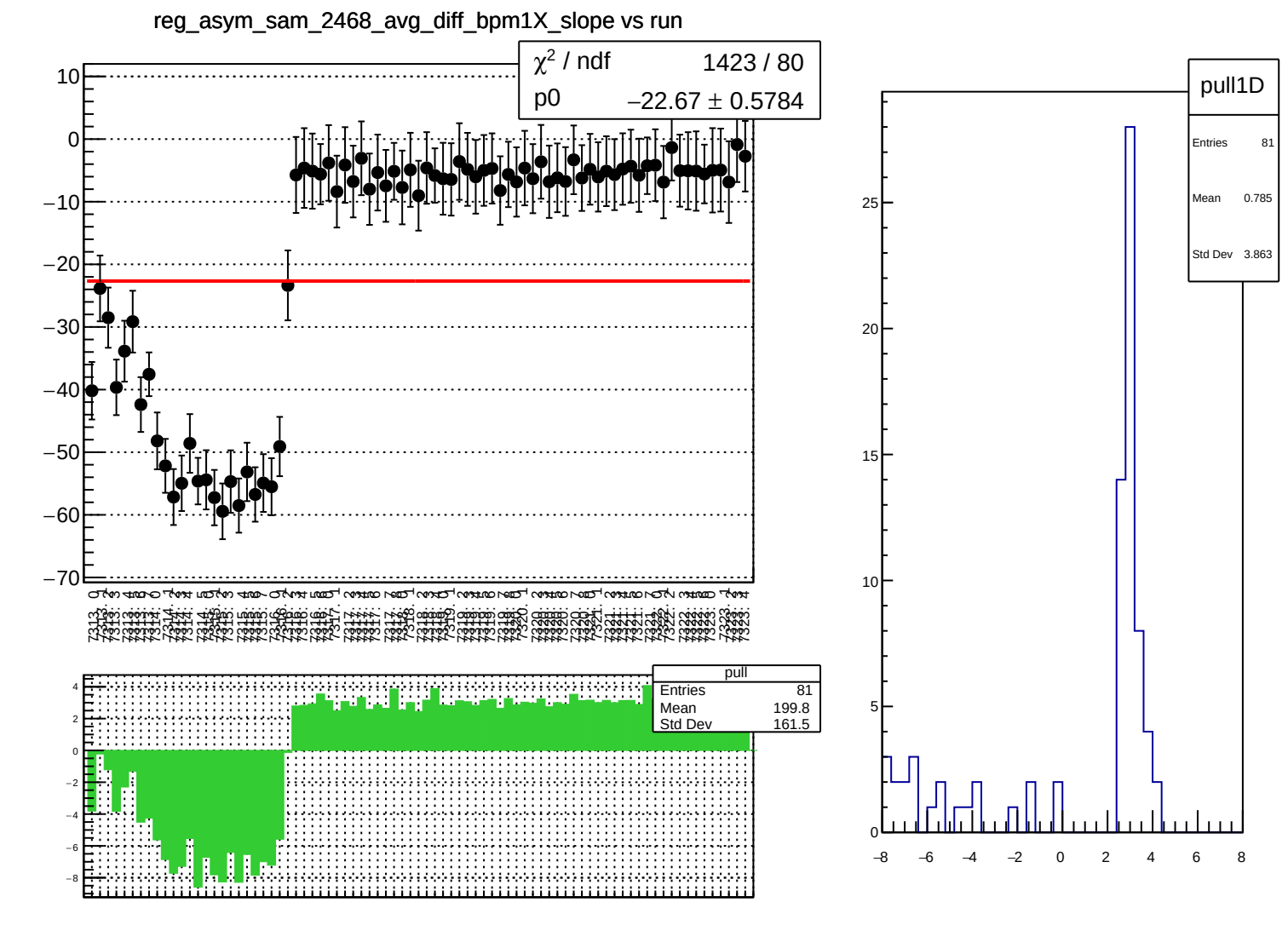

reg_asym_sam_1357_avg_diff_bpm1X_slope vs run
χ² / ndf 1537 / 80
p0 −9.906 ± 0.3096
pull
Entries 81
Mean 198.6
Std Dev 160.2
pull1D
Entries 81
Mean 1.051
Std Dev 3.8

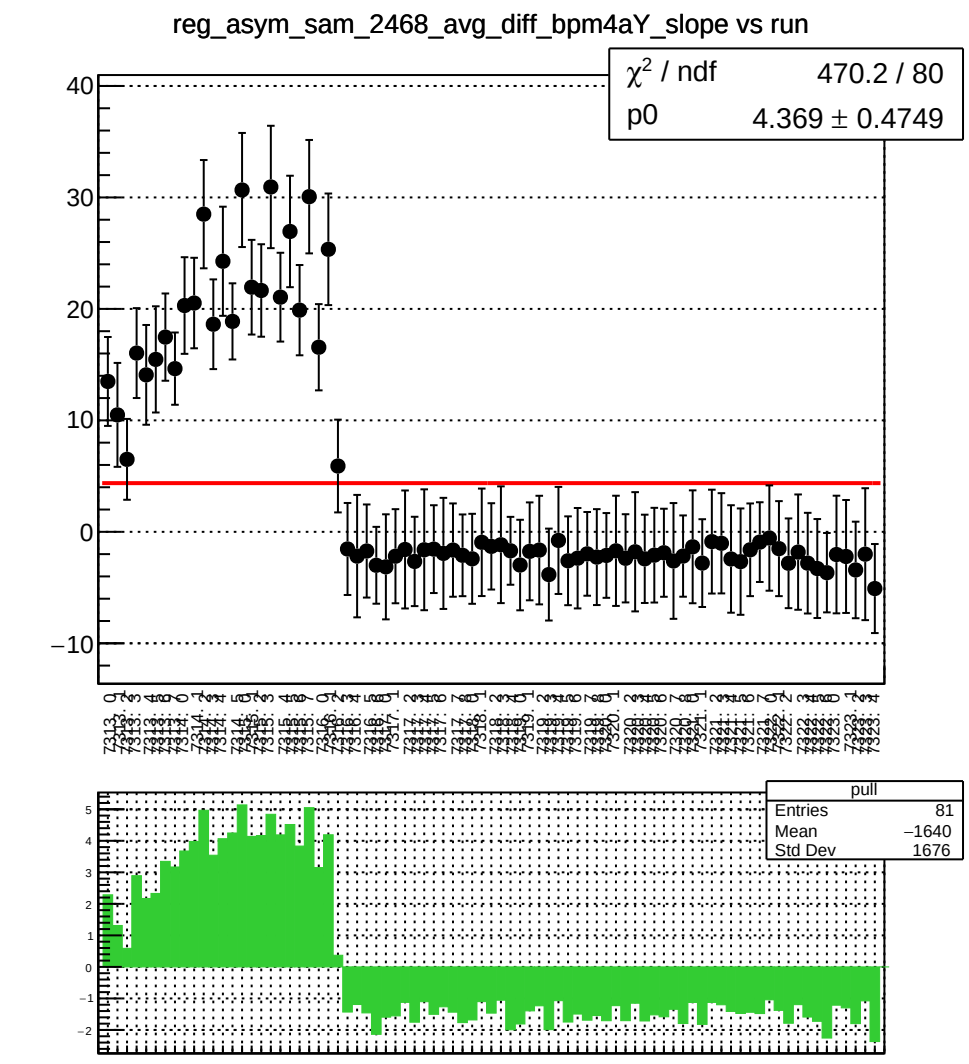

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs run
χ² / ndf 504 / 80
p0 3.793 ± 0.2546
pull
Entries 81
Mean −2527
Std Dev 2563
pull1D
Entries 81
Mean 0.01693
Std Dev 2.494

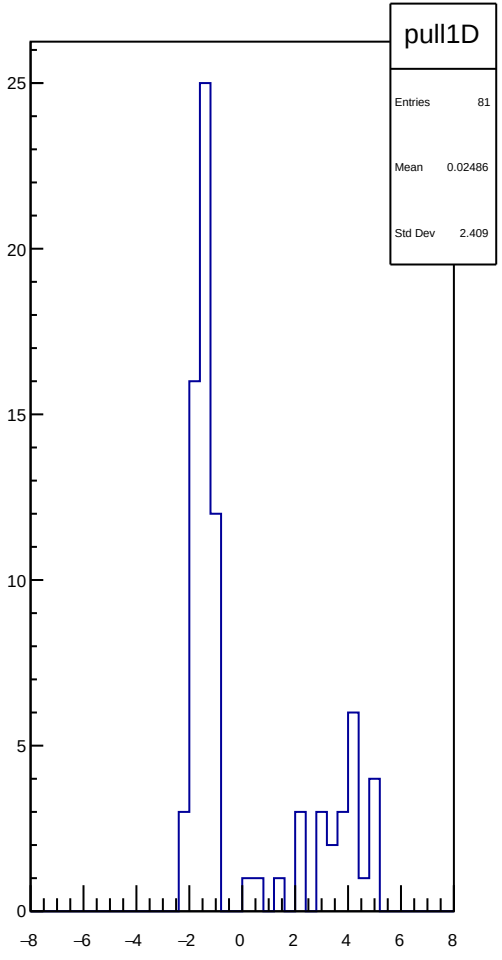

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs run
χ² / ndf 1147 / 80
p0 −20.99 ± 0.3084
pull
Entries 81
Mean 194.3
Std Dev 155.9
pull1D
Entries 81
Mean −0.4241
Std Dev 3.738

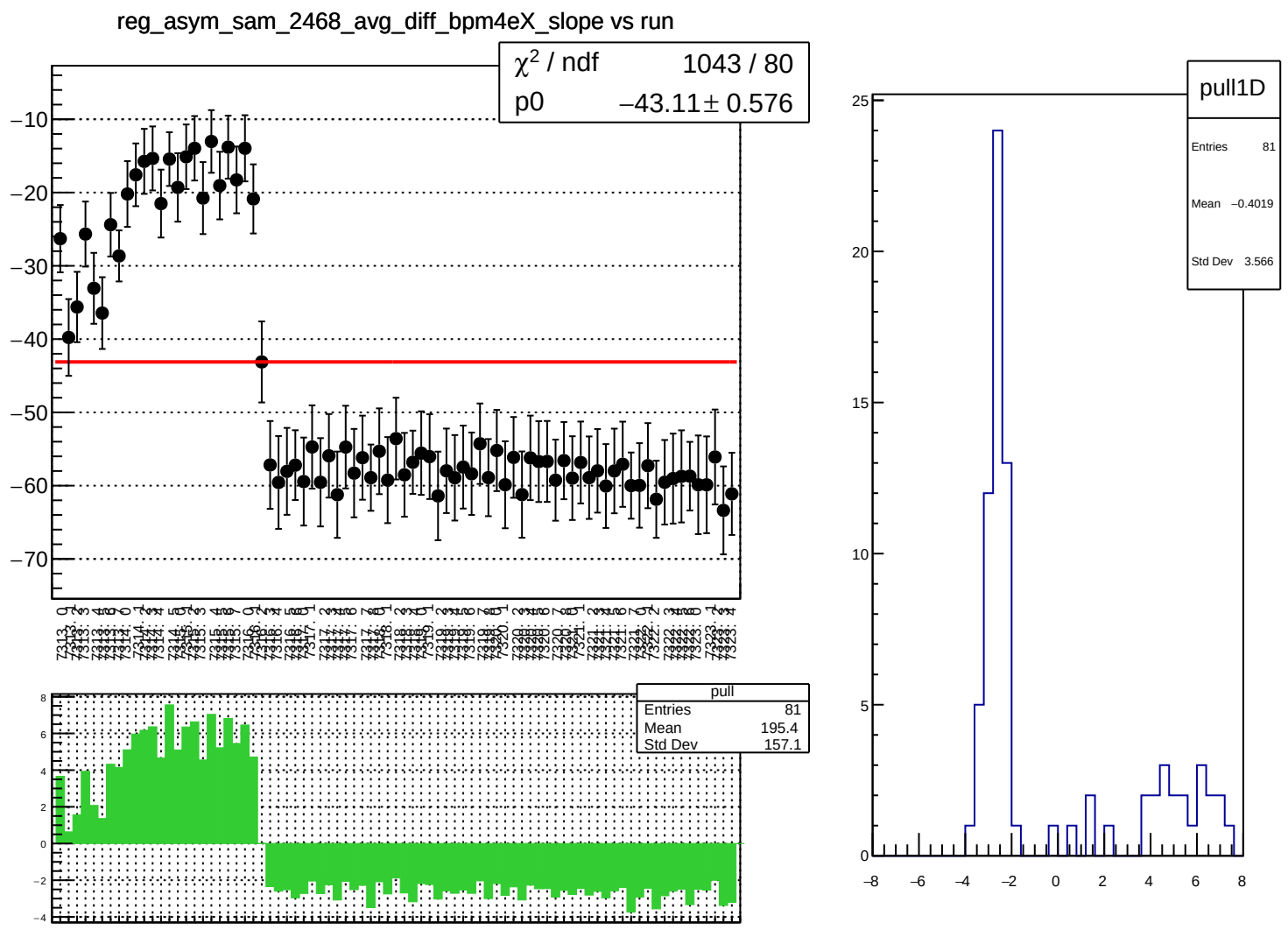

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs run
χ² / ndf 325.6 / 80
p0 24.37 ± 0.2773
pull
Entries 81
Mean 3182
Std Dev 3145
pull1D
Entries 81
Mean 0.01162
Std Dev 2.005

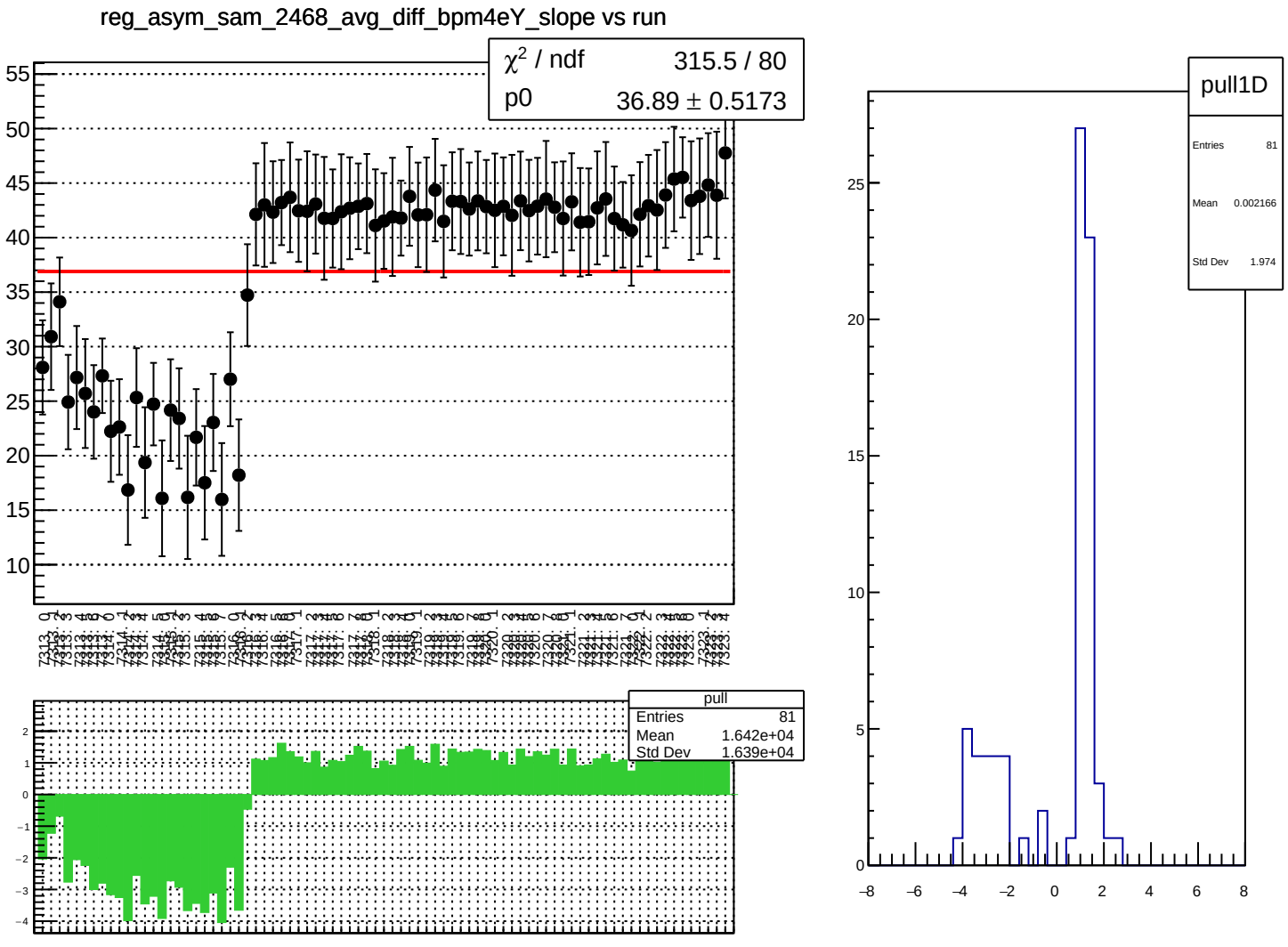

reg_asym_sam_1357_avg_diff_bpm12X_slope vs run
χ² / ndf 75.41 / 80
p0 0.003249 ± 0.01162
pull
Entries 81
Mean −279.7
Std Dev 318
pull1D
Entries 81
Mean −0.05269
Std Dev 0.9634

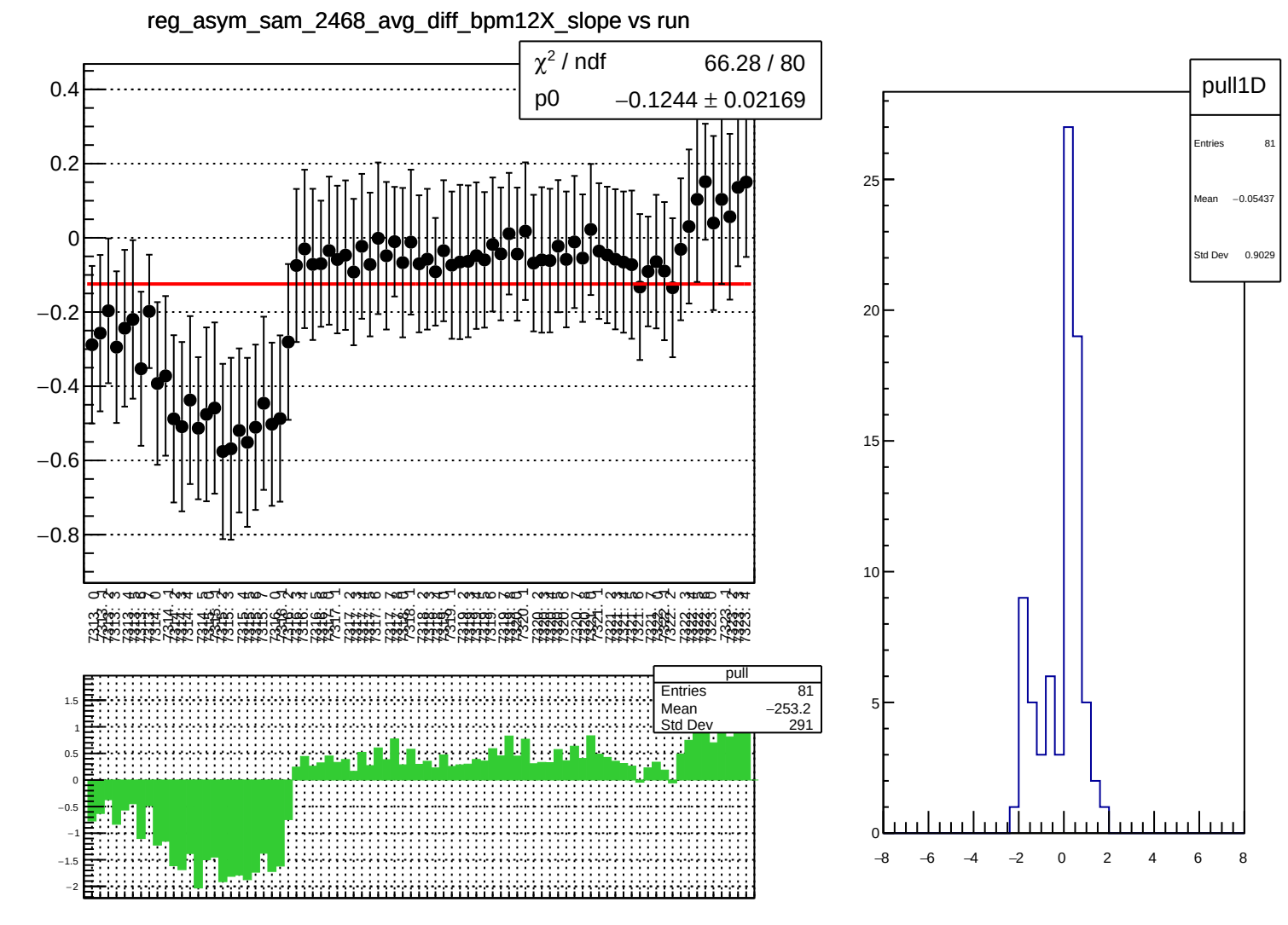

reg_asym_sam_2468_avg_diff_bpm1X_slope vs run
χ² / ndf 1423 / 80
p0 −22.67 ± 0.5784
pull
Entries 81
Mean 199.8
Std Dev 161.5
pull1D
Entries 81
Mean 0.785
Std Dev 3.863

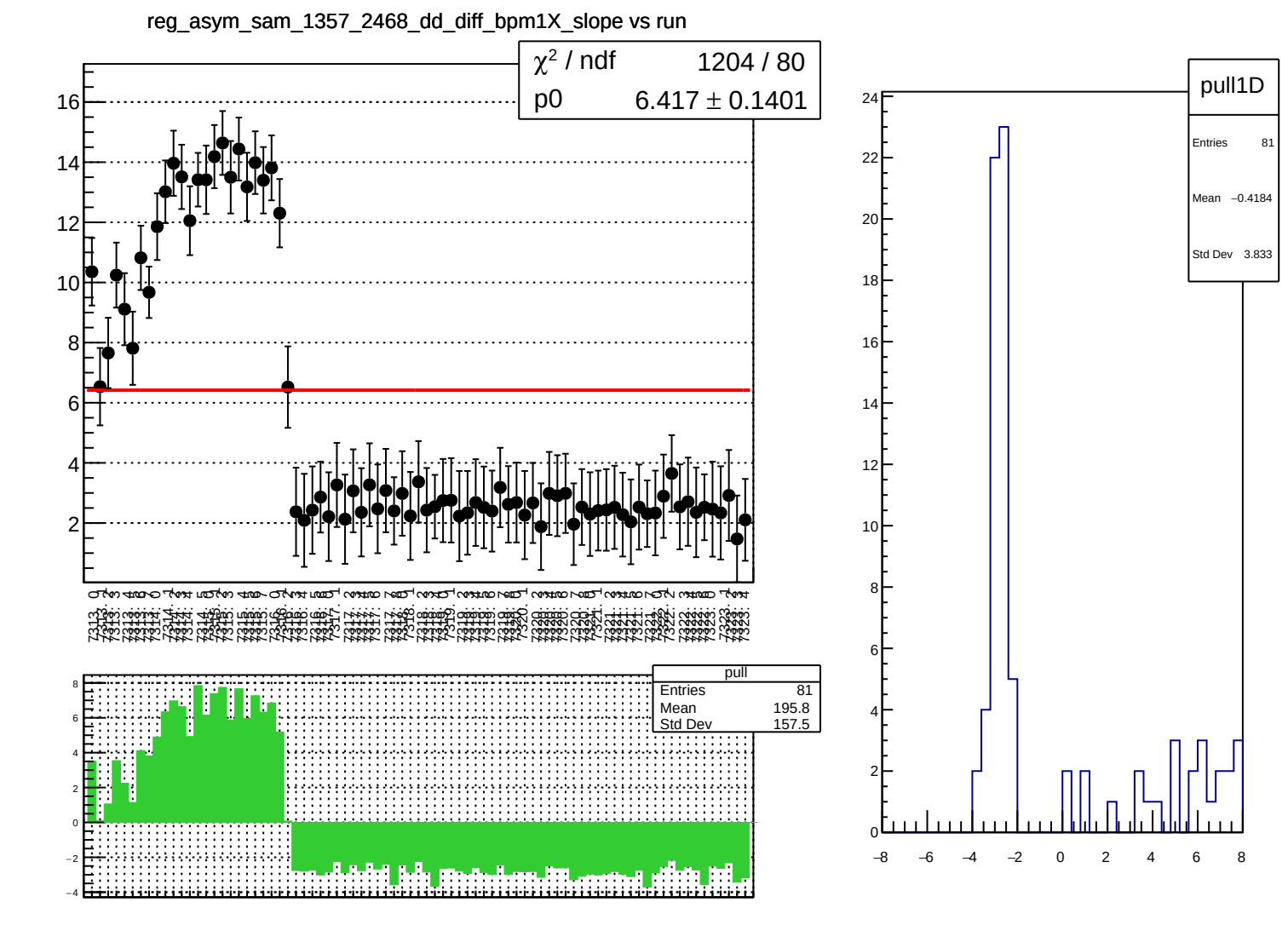

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs run
χ² / ndf 470.2 / 80
p0 4.369 ± 0.4749
pull
Entries 81
Mean −1640
Std Dev 1676

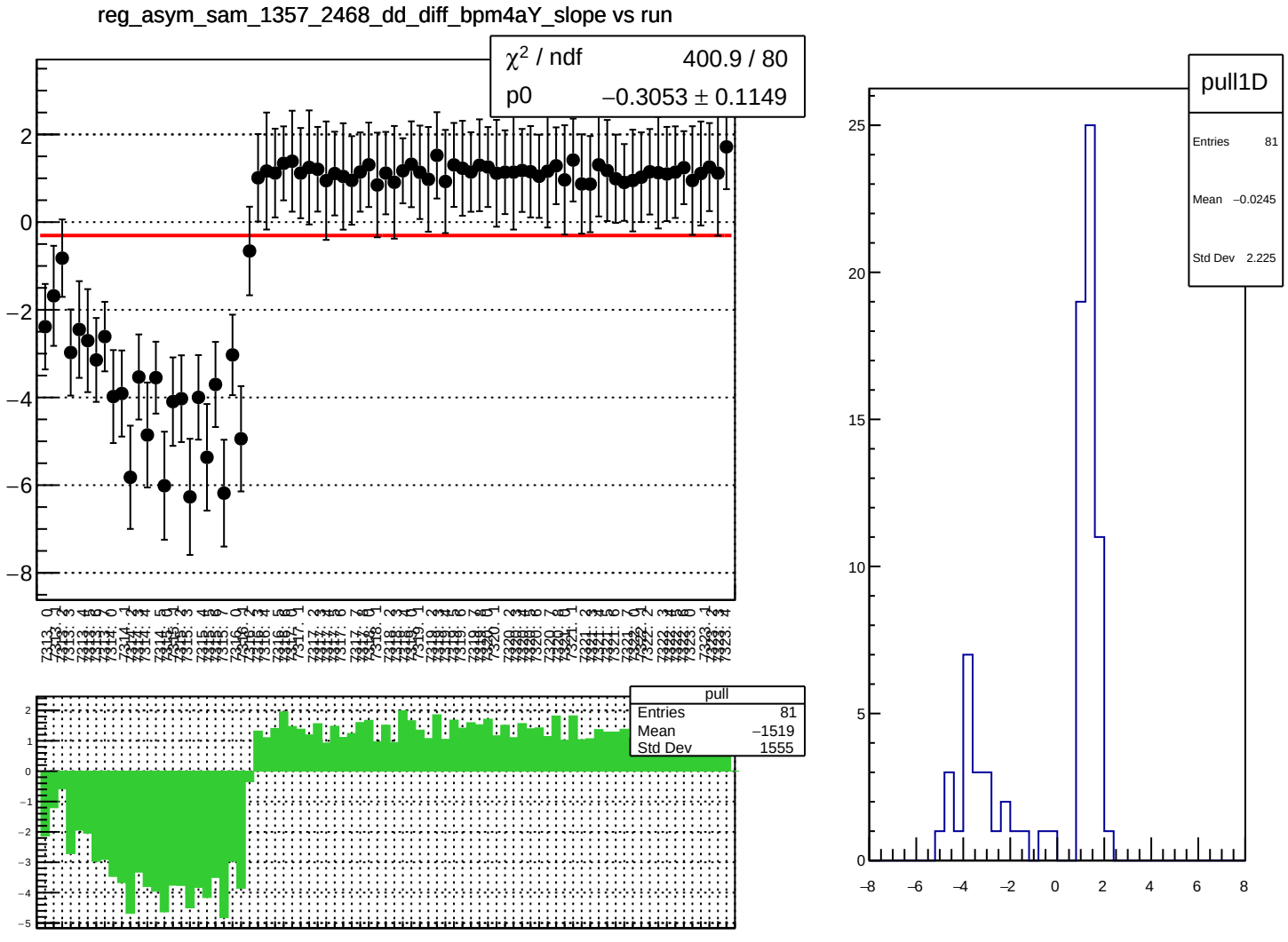

pull1D
Entries 81
Mean 0.02486
Std Dev 2.409

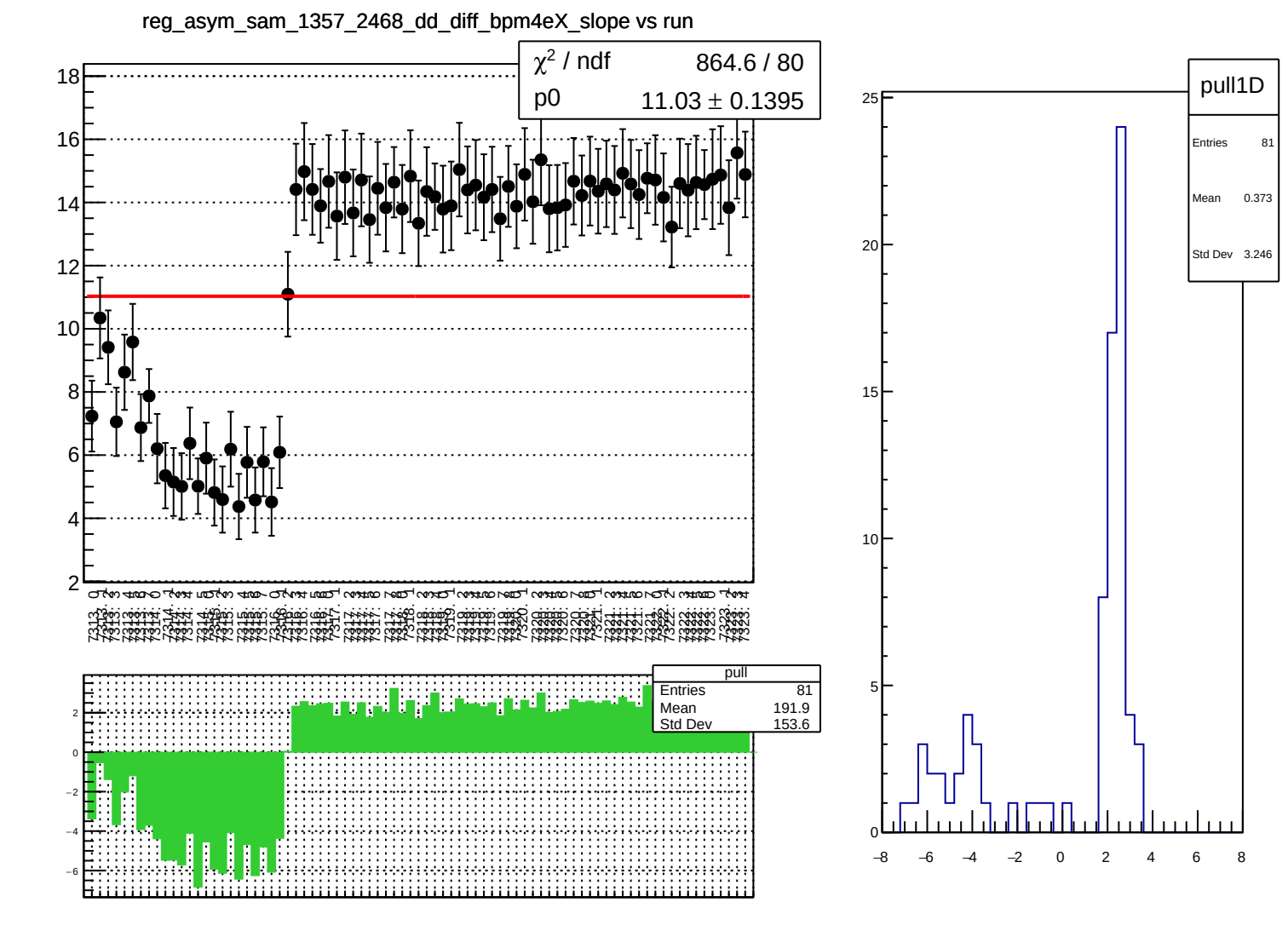

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs run
χ² / ndf 1043 / 80
p0 −43.11 ± 0.576
pull
Entries 81
Mean 195.4
Std Dev 157.1
pull1D
Entries 81
Mean −0.4019
Std Dev 3.566

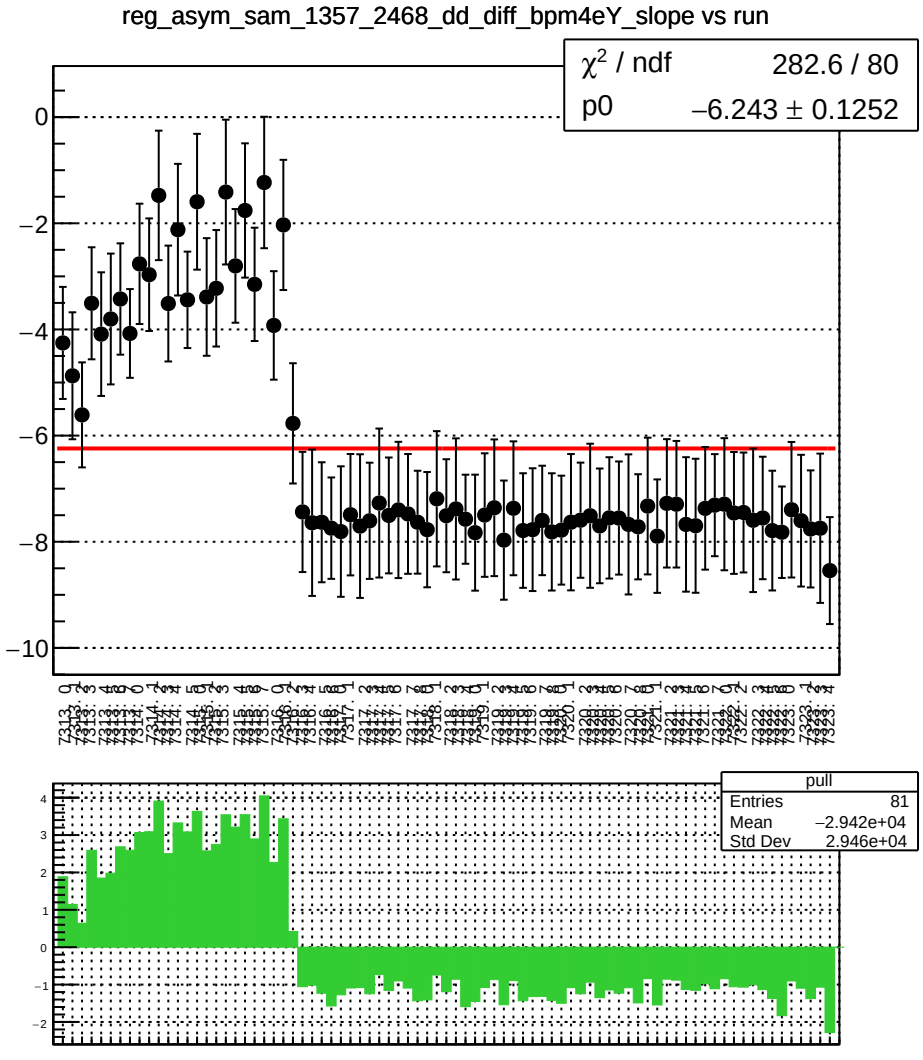

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs run
χ² / ndf 315.5 / 80
p0 36.89 ± 0.5173
pull
Entries 81
Mean 1.642e+04
Std Dev 1.639e+04
pull1D
Entries 81
Mean 0.002166
Std Dev 1.974

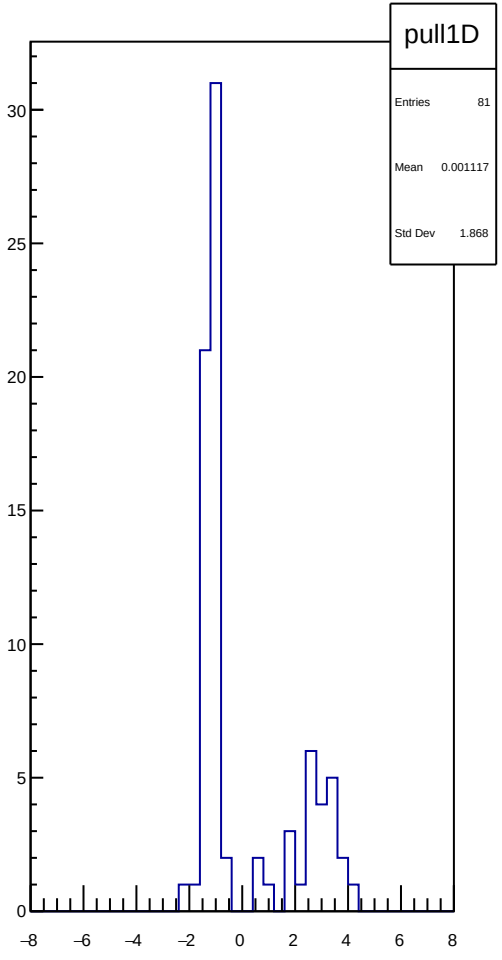

reg_asym_sam_2468_avg_diff_bpm12X_slope vs run
χ² / ndf 66.28 / 80
p0 −0.1244 ± 0.02169
pull
Entries 81
Mean −253.2
Std Dev 291
pull1D
Entries 81
Mean −0.05437
Std Dev 0.9029

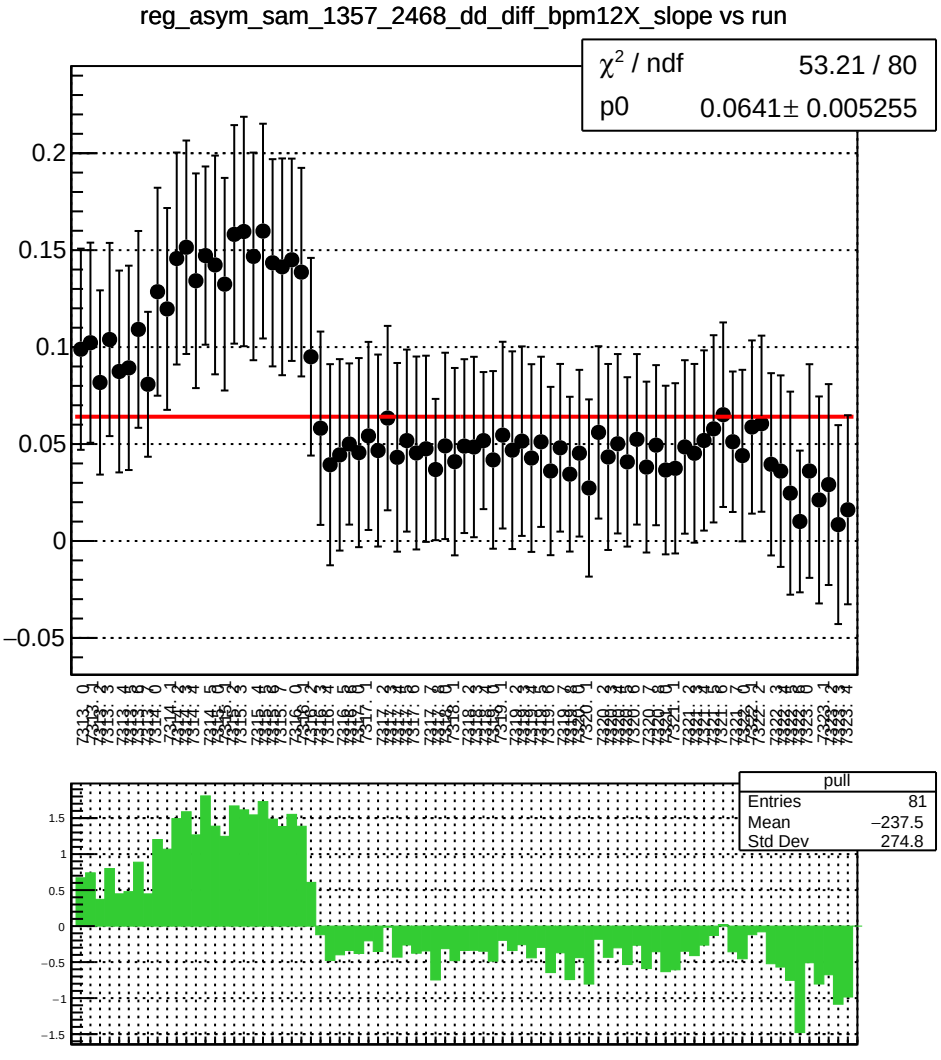

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs run
χ² / ndf 1204 / 80
p0 6.417 ± 0.1401
pull
Entries 81
Mean 195.8
Std Dev 157.5
pull1D
Entries 81
Mean −0.4184
Std Dev 3.833

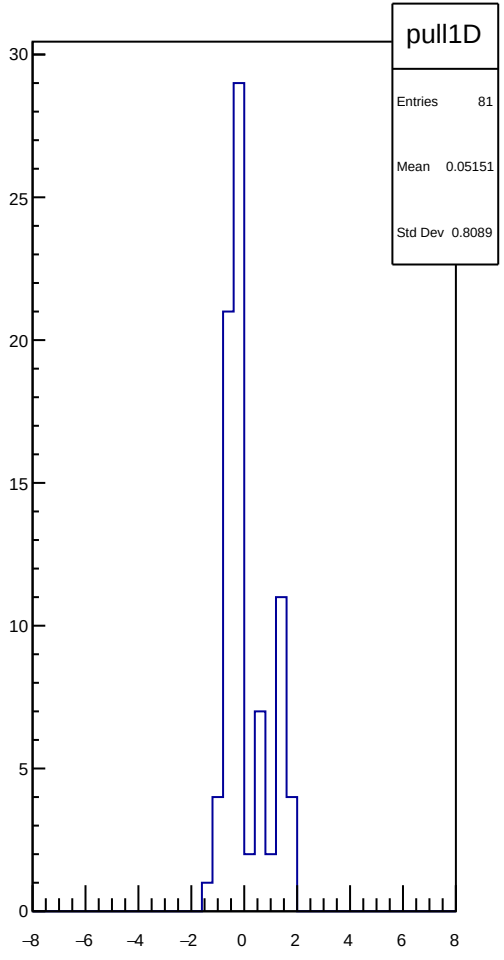

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs run
χ² / ndf 400.9 / 80
p0 −0.3053 ± 0.1149
pull
Entries 81
Mean −1519
Std Dev 1555
pull1D
Entries 81
Mean −0.0245
Std Dev 2.225

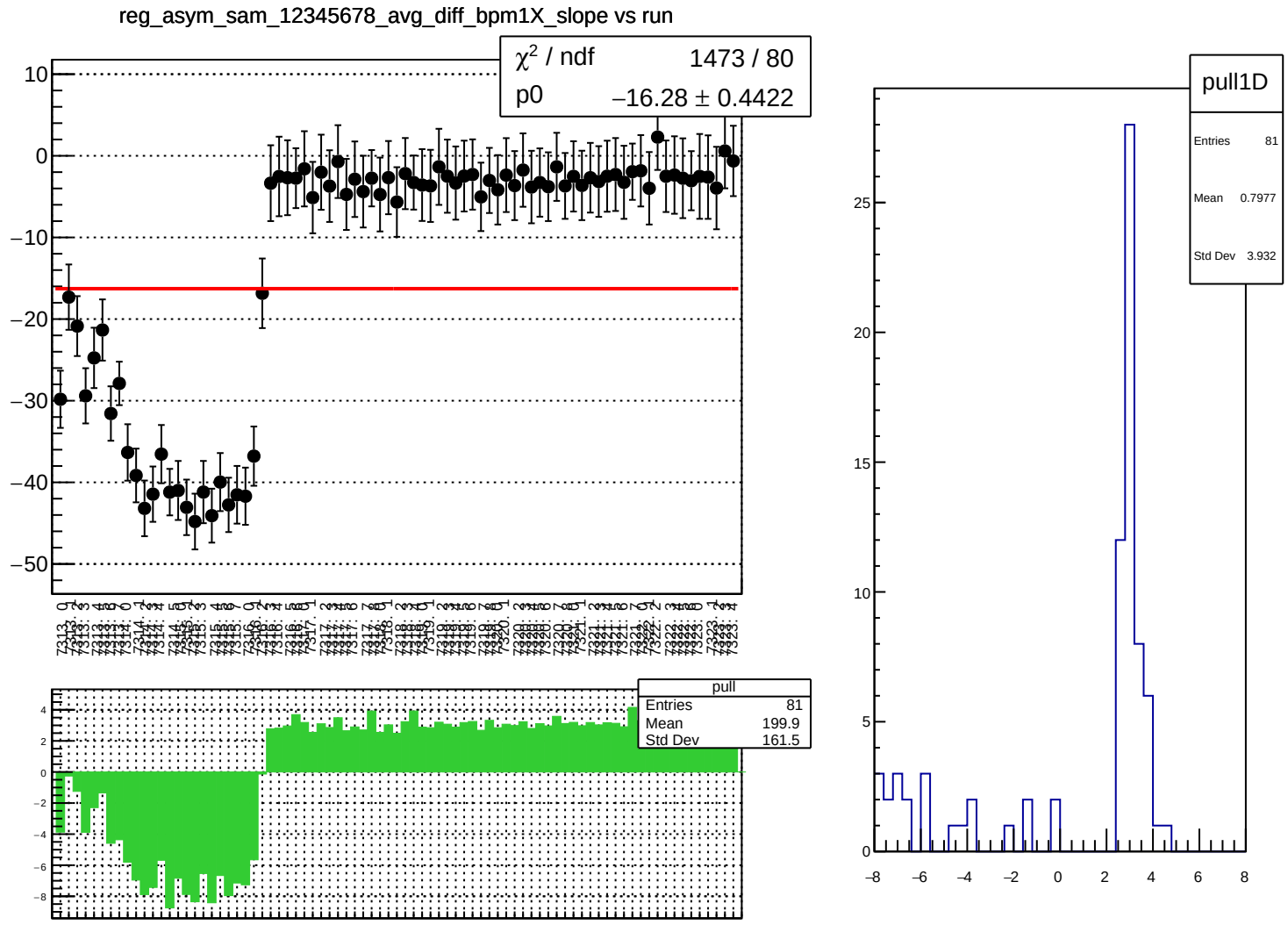

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs run
χ² / ndf 864.6 / 80
p0 11.03 ± 0.1395
pull
Entries 81
Mean 191.9
Std Dev 153.6
pull1D
Entries 81
Mean 0.373
Std Dev 3.246

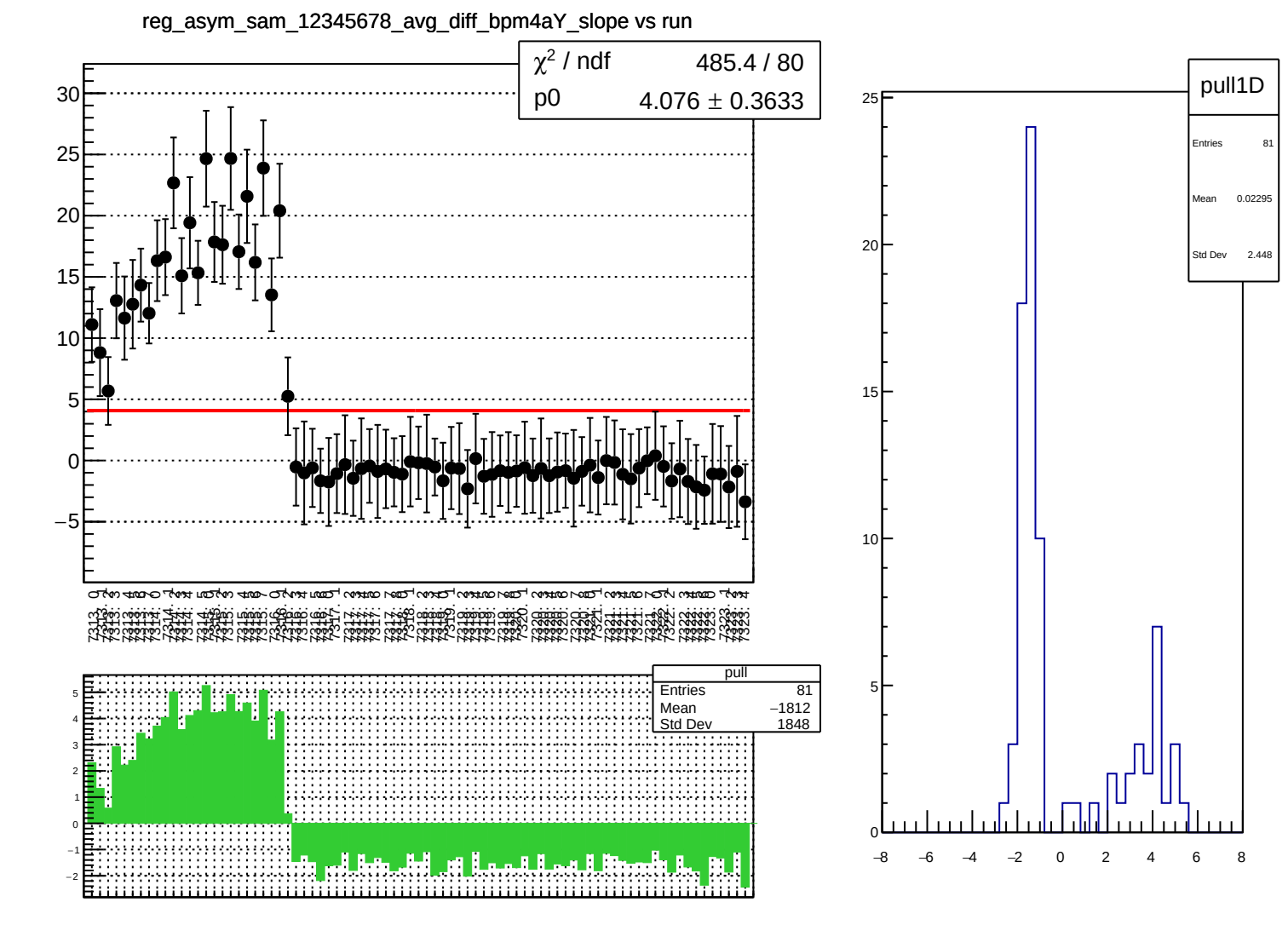

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs run
χ² / ndf 282.6 / 80
p0 −6.243 ± 0.1252
pull
Entries 81
Mean −2.942e+04
Std Dev 2.946e+04

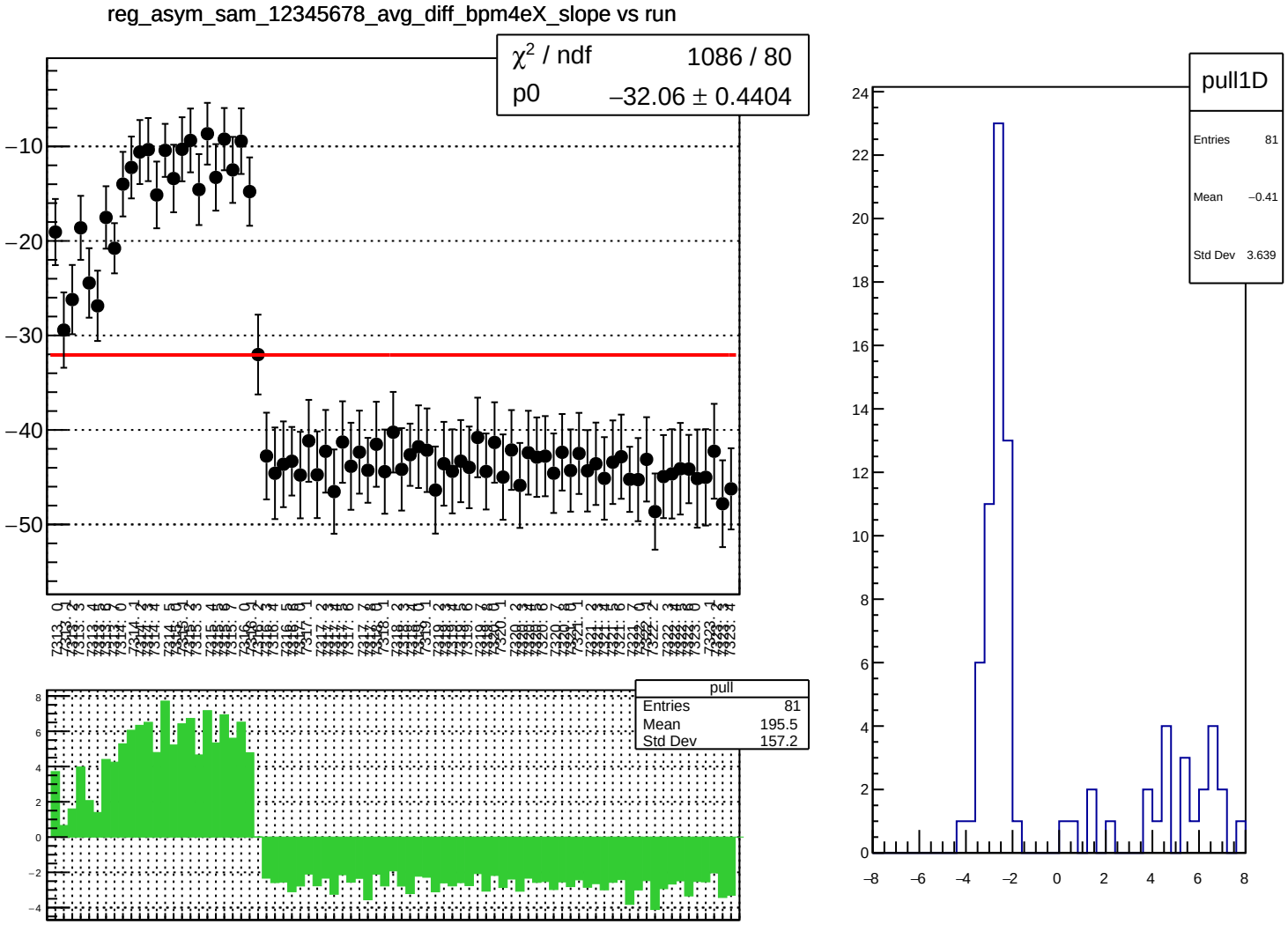

pull1D
Entries 81
Mean 0.001117
Std Dev 1.868

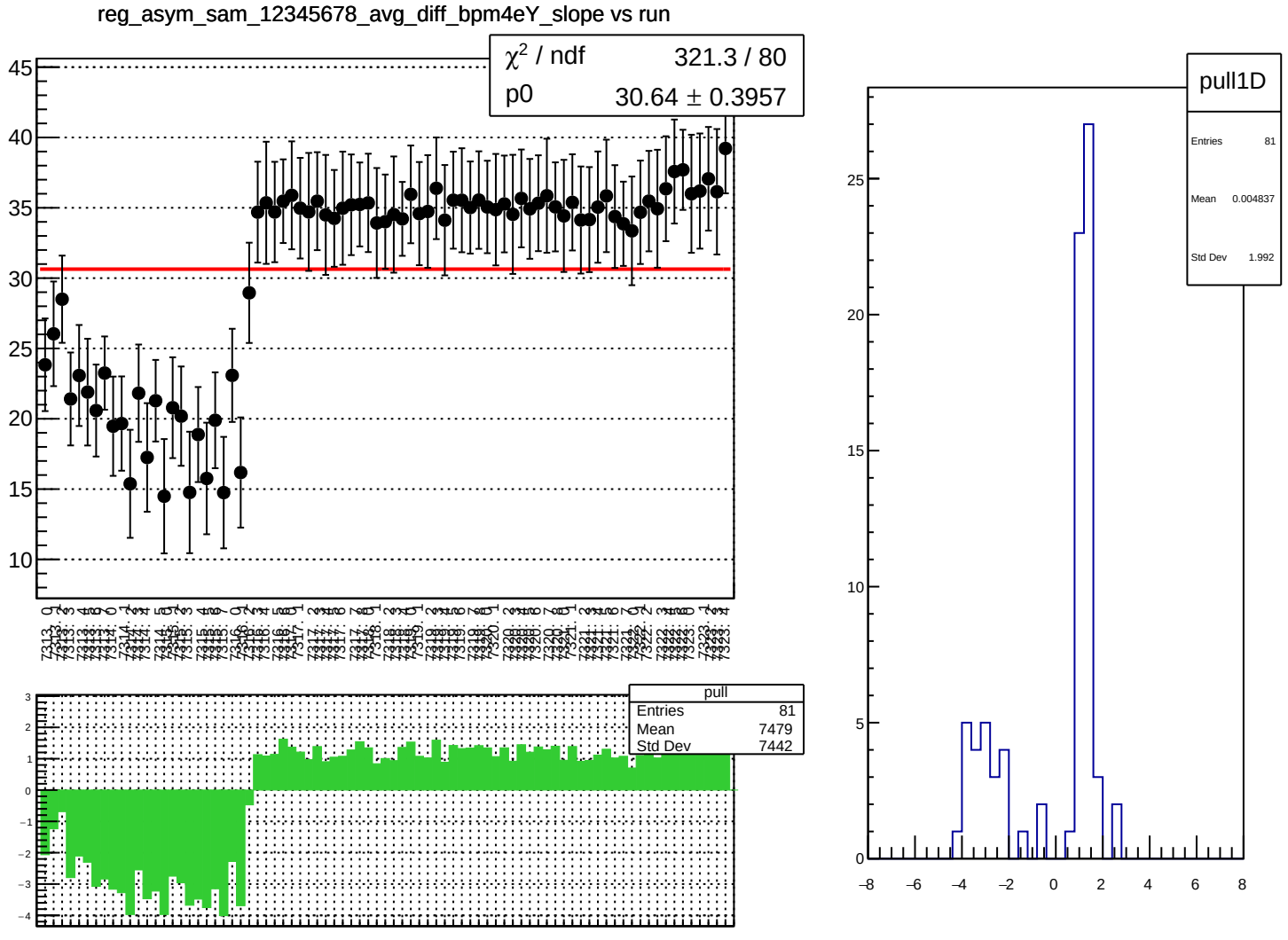

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs run
χ² / ndf 53.21 / 80
p0 0.0641± 0.005255
pull
Entries 81
Mean −237.5
Std Dev 274.8

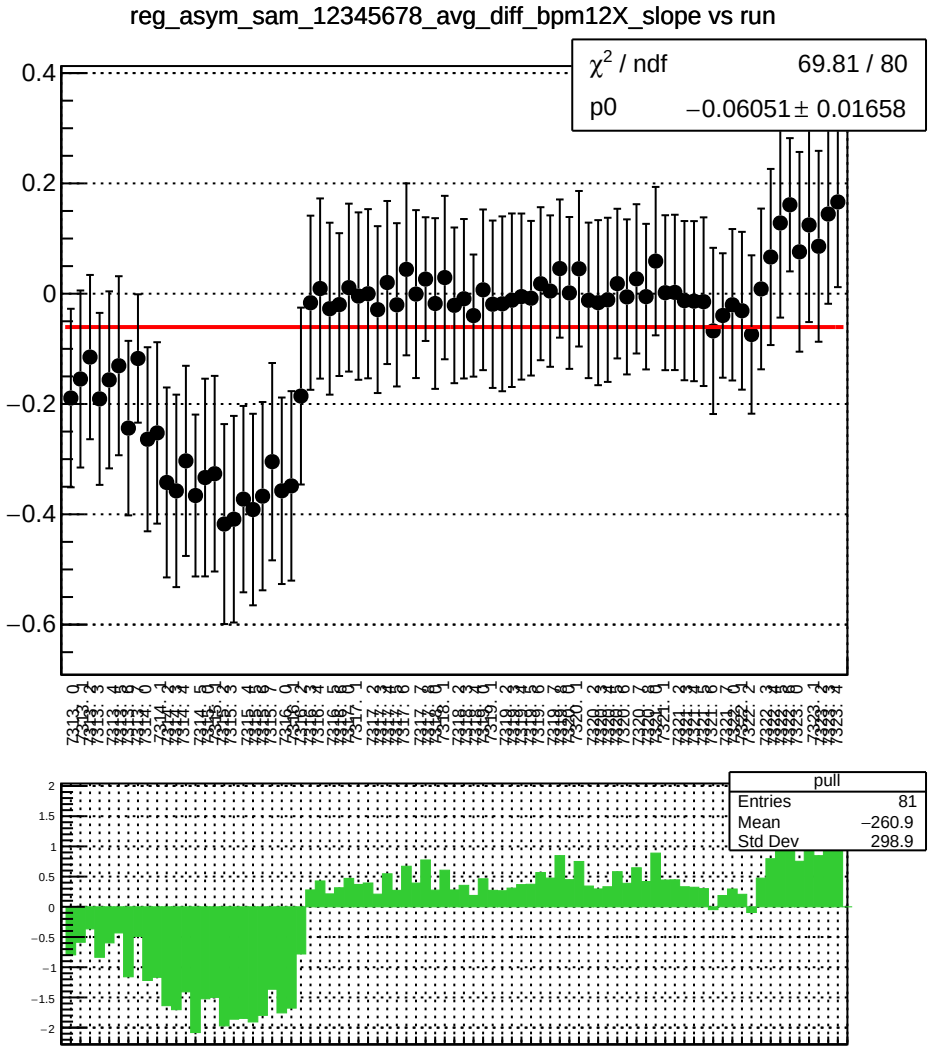

pull1D
Entries 81
Mean 0.05151
Std Dev 0.8089

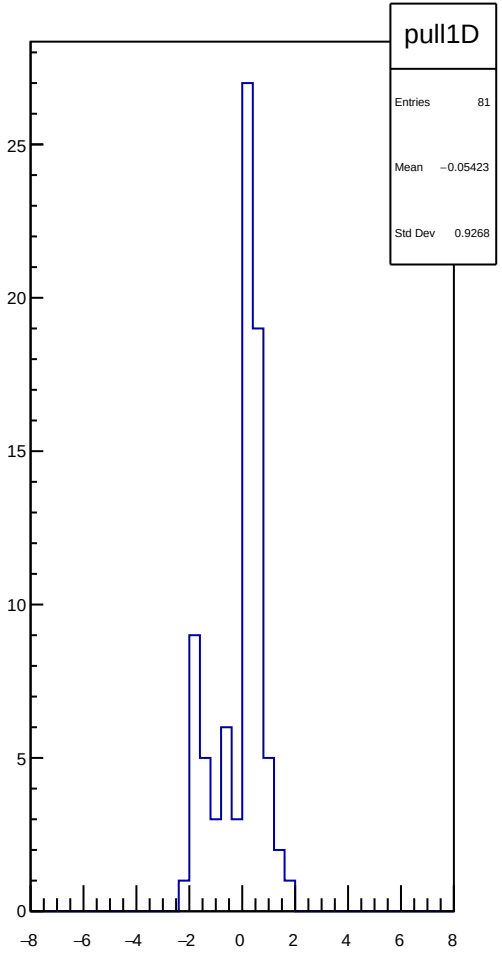

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs run
χ² / ndf 1473 / 80
p0 −16.28 ± 0.4422
pull
Entries 81
Mean 199.9
Std Dev 161.5
pull1D
Entries 81
Mean 0.7977
Std Dev 3.932

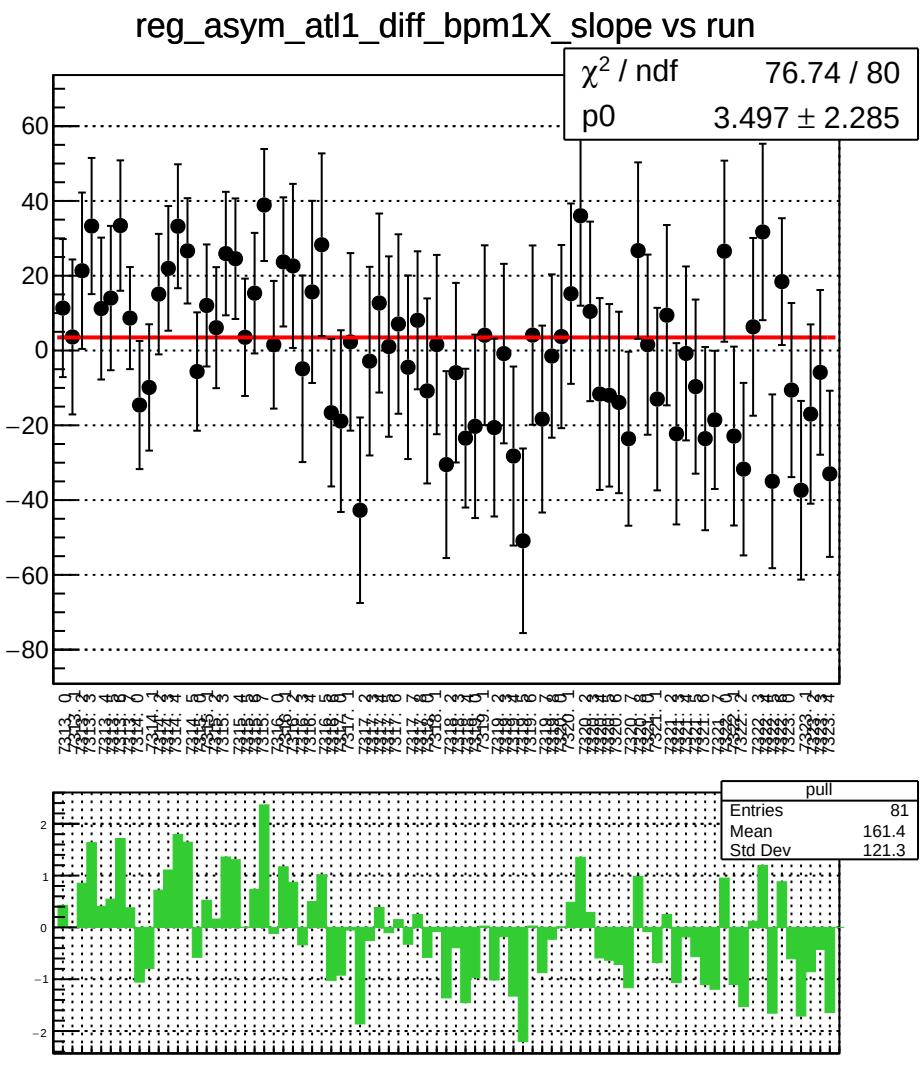

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs run
χ² / ndf 485.4 / 80
p0 4.076 ± 0.3633
pull
Entries 81
Mean −1812
Std Dev 1848
pull1D
Entries 81
Mean 0.02295
Std Dev 2.448

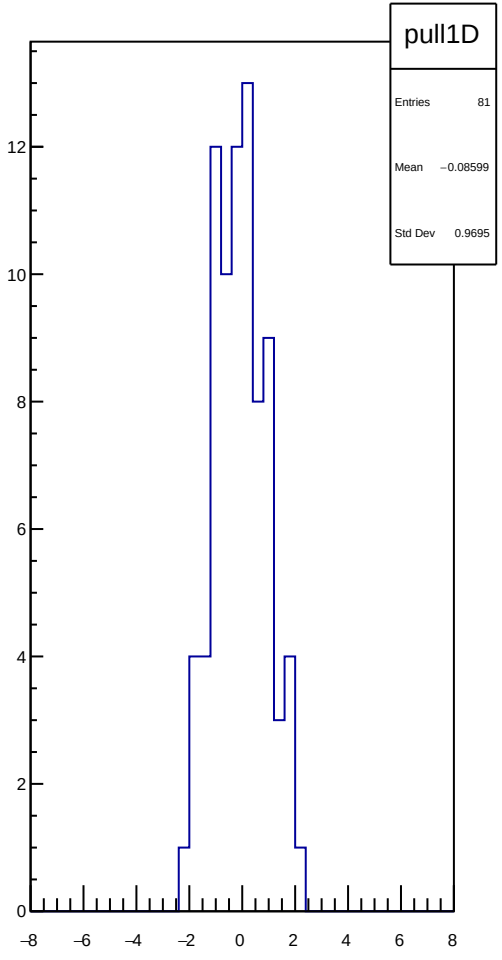

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs run
χ² / ndf 1086 / 80
p0 −32.06 ± 0.4404
pull
Entries 81
Mean 195.5
Std Dev 157.2
pull1D
Entries 81
Mean −0.41
Std Dev 3.639

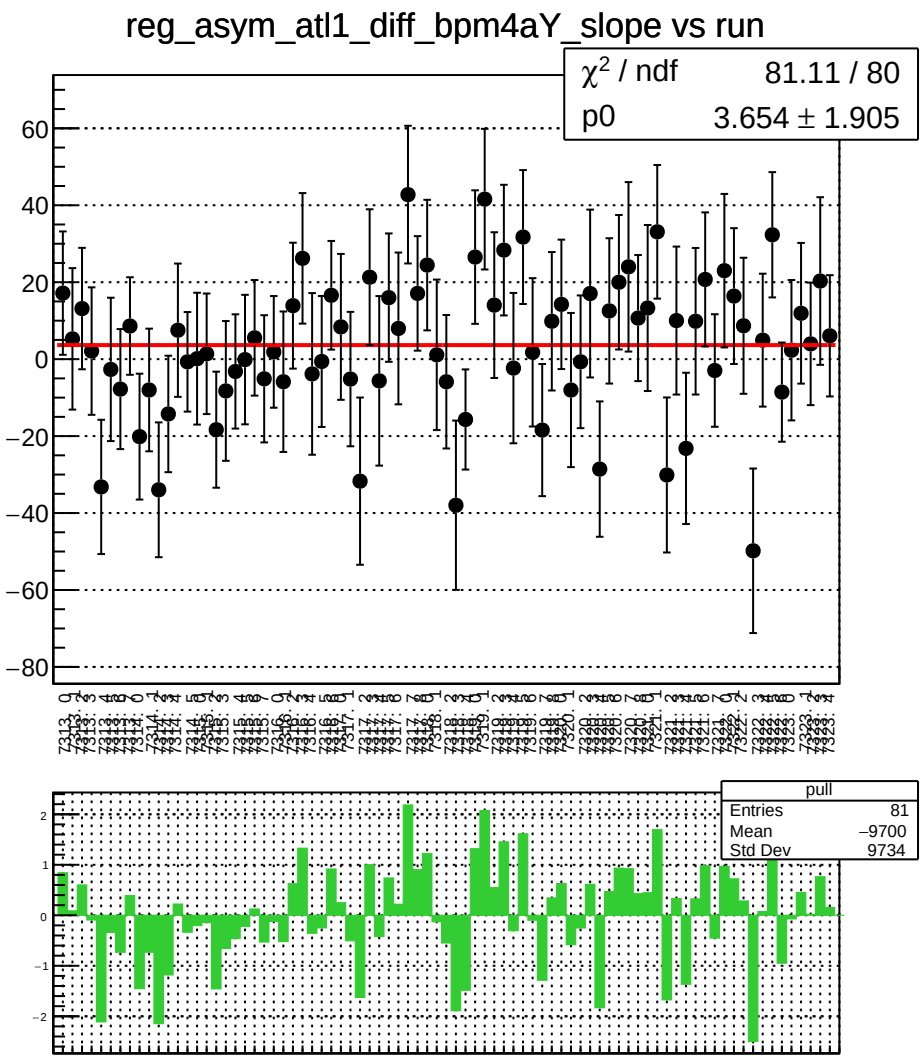

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs run
χ² / ndf 321.3 / 80
p0 30.64 ± 0.3957
pull
Entries 81
Mean 7479
Std Dev 7442
pull1D
Entries 81
Mean 0.004837
Std Dev 1.992

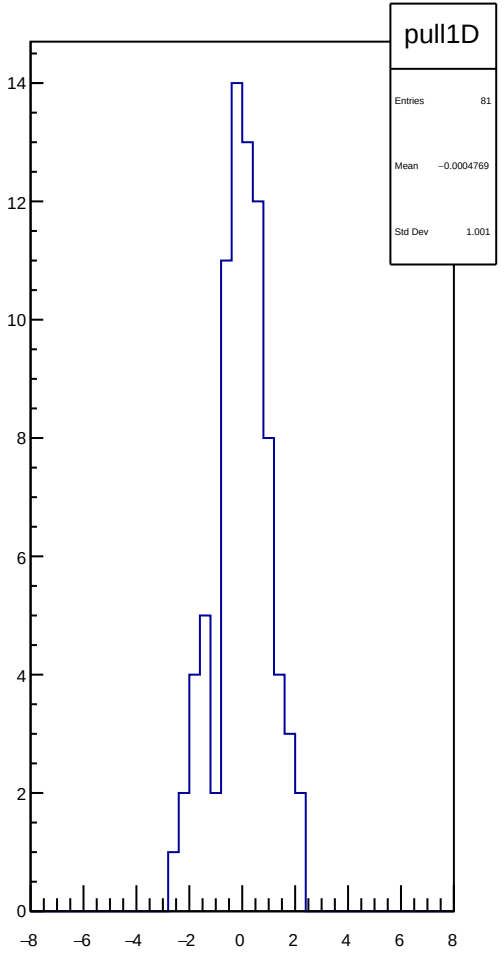

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs run
χ² / ndf 69.81 / 80
p0 −0.06051 ± 0.01658
pull
Entries 81
Mean −260.9
Std Dev 298.9

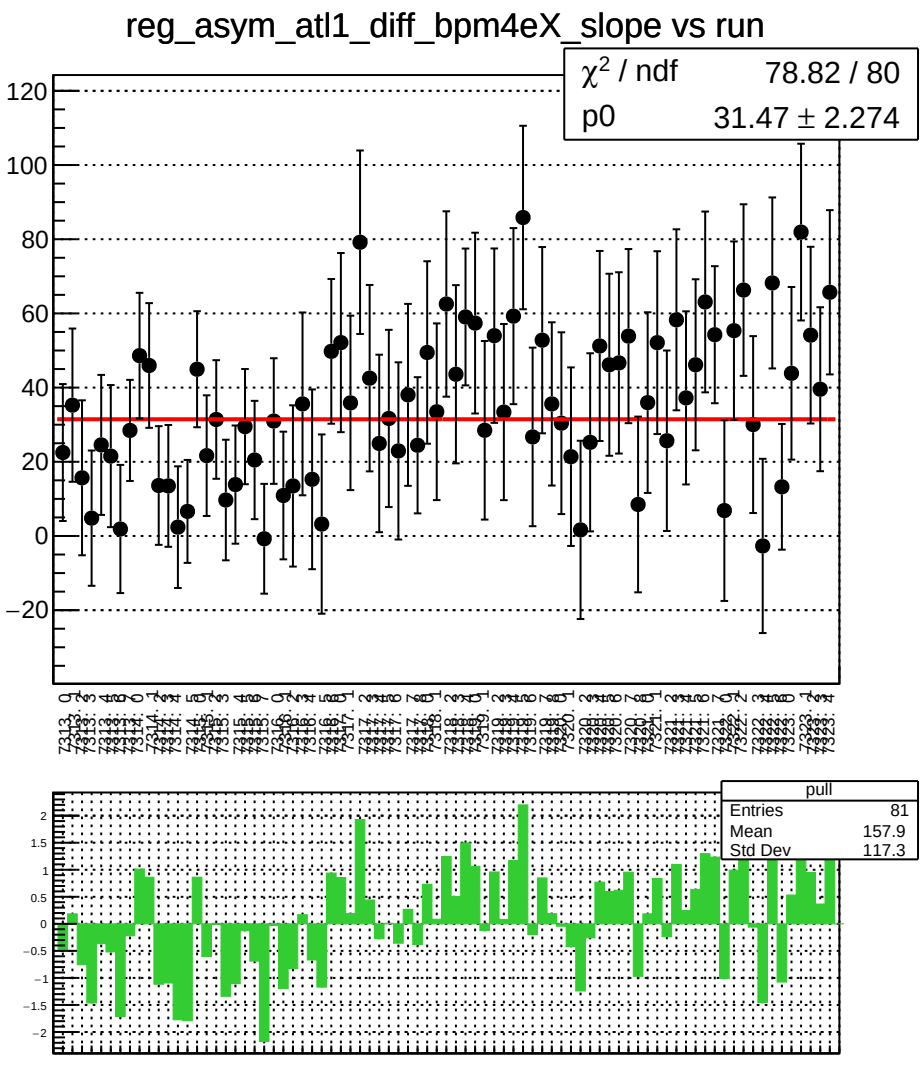

pull1D
Entries 81
Mean −0.05423
Std Dev 0.9268

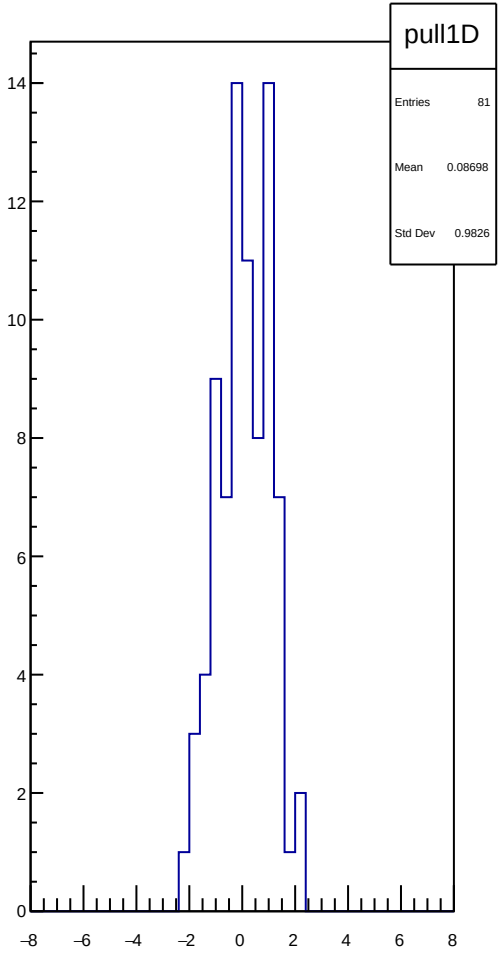

reg_asym_atl1_diff_bpm1X_slope vs run
χ² / ndf 76.74 / 80
p0 3.497 ± 2.285
pull
Entries 81
Mean 161.4
Std Dev 121.3

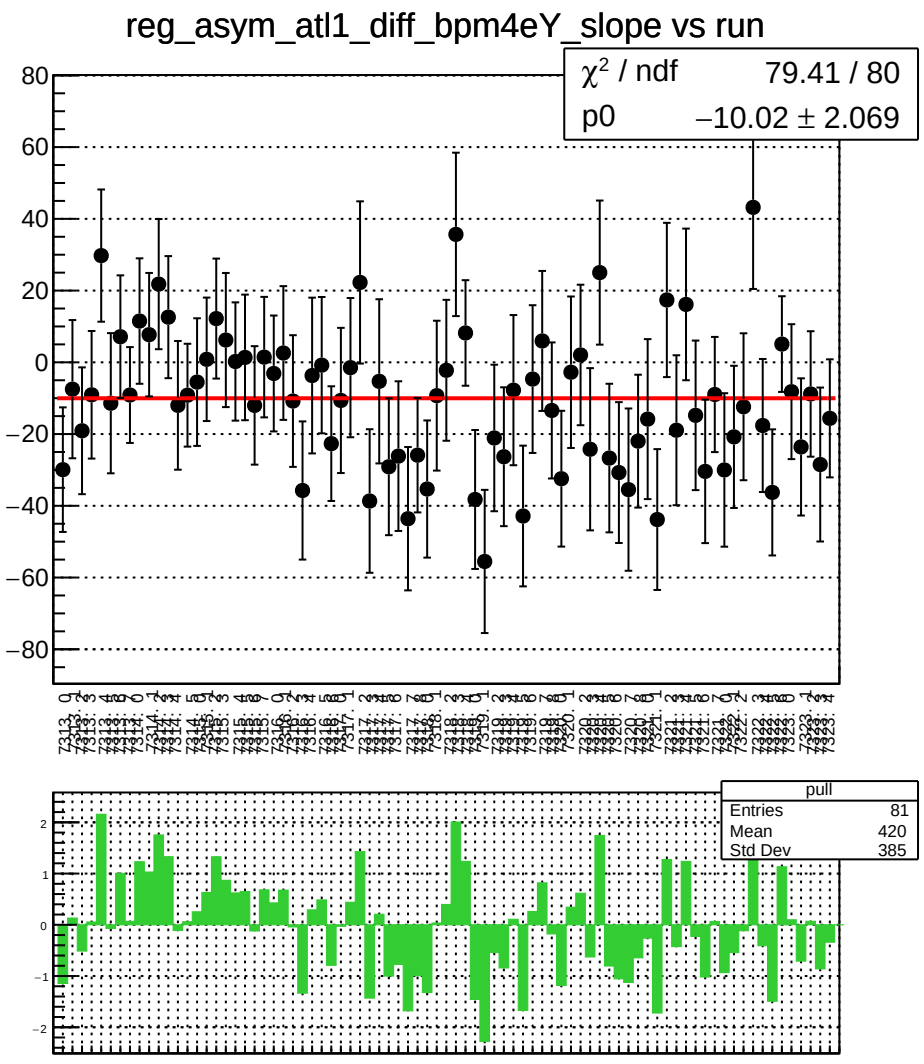

pull1D
Entries 81
Mean −0.08599
Std Dev 0.9695

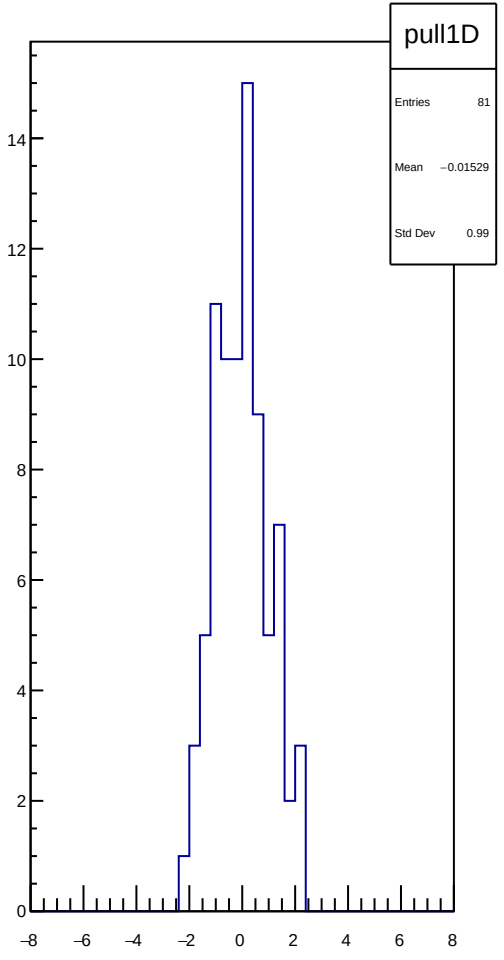

reg_asym_atl1_diff_bpm4aY_slope vs run
χ² / ndf 81.11 / 80
p0 3.654 ± 1.905
pull
Entries 81
Mean −9700
Std Dev 9734

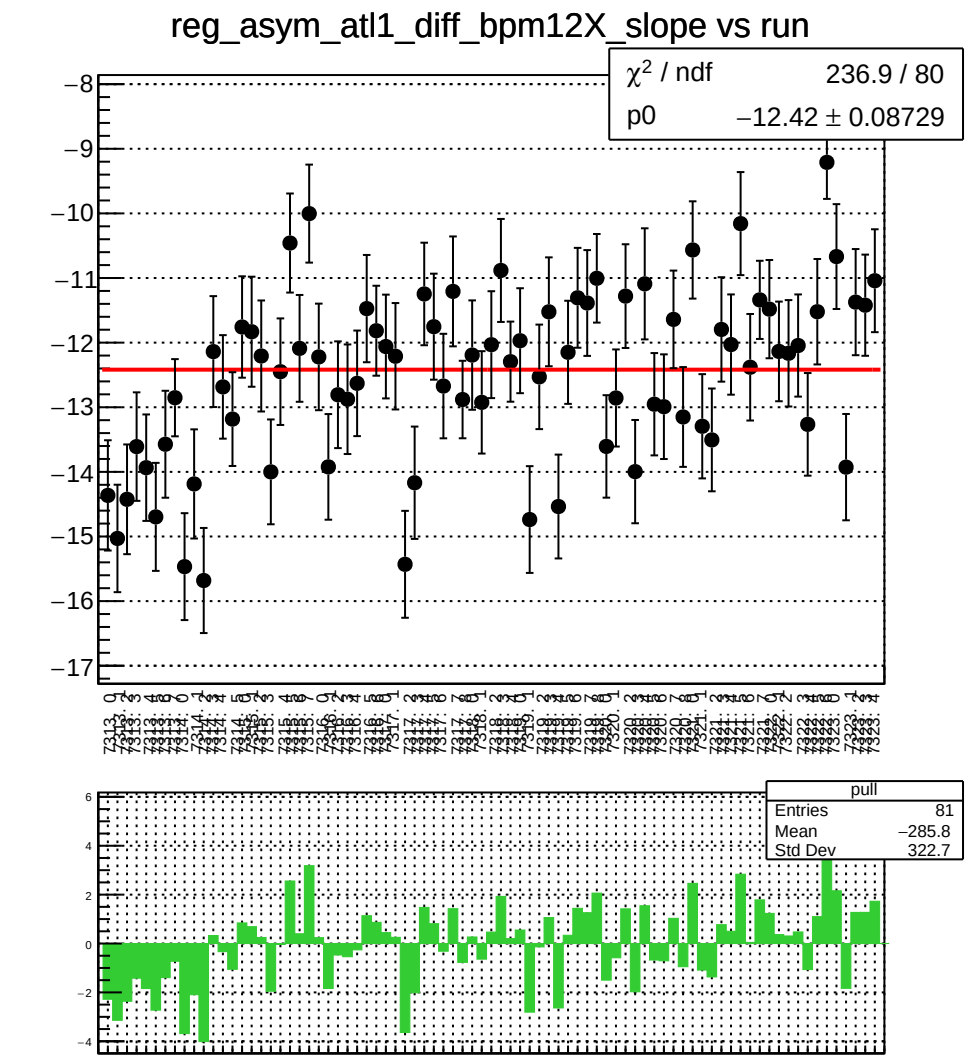

pull1D
Entries 81
Mean −0.0004769
Std Dev 1.001

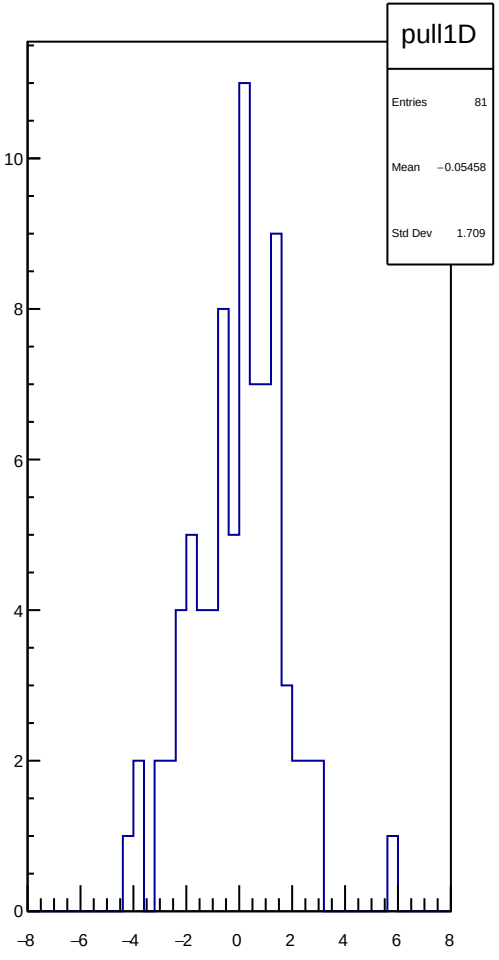

reg_asym_atl1_diff_bpm4eX_slope vs run
χ² / ndf 78.82 / 80
p0 31.47 ± 2.274
pull
Entries 81
Mean 157.9
Std Dev 117.3

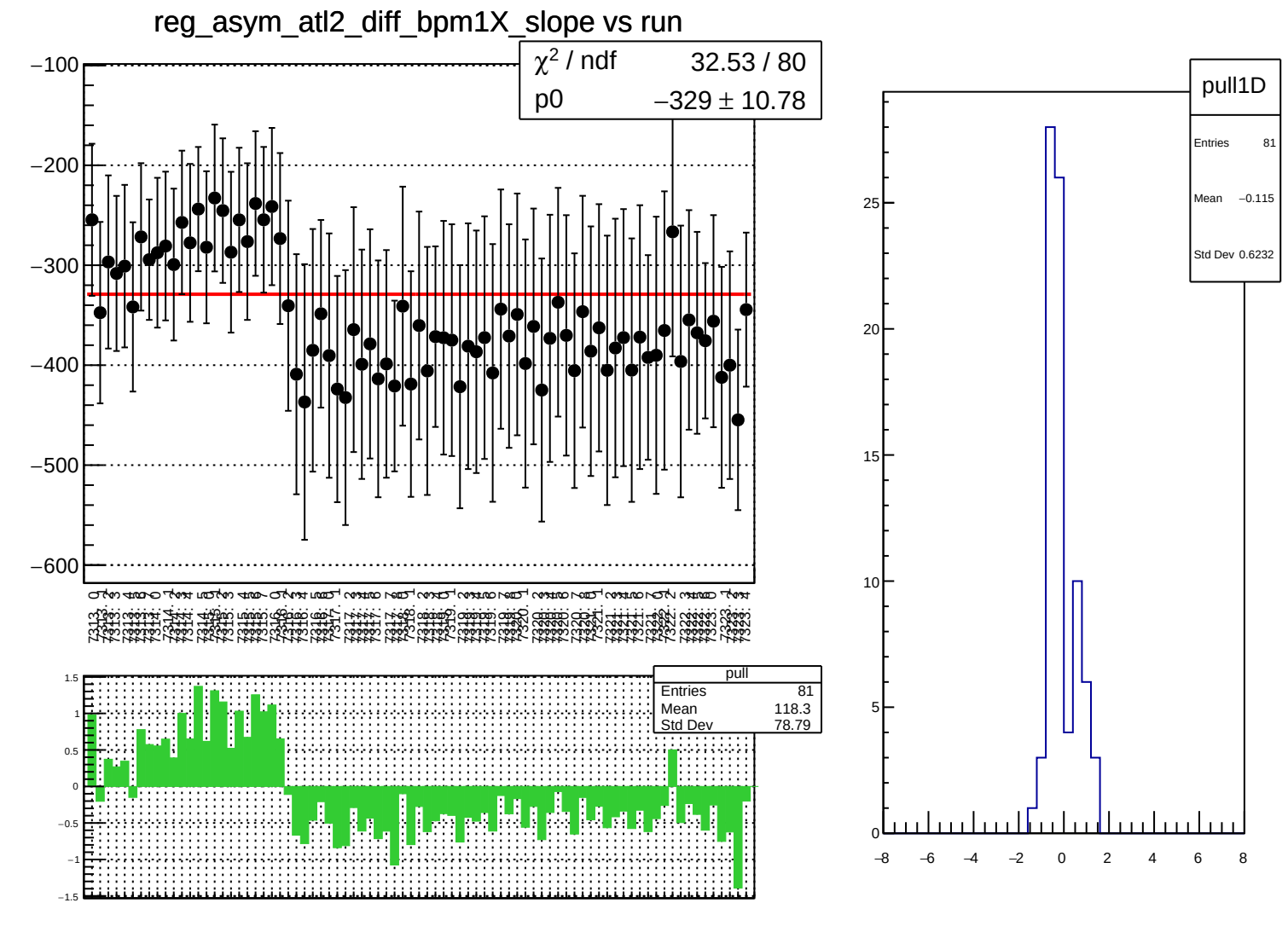

pull1D
Entries 81
Mean 0.08698
Std Dev 0.9826

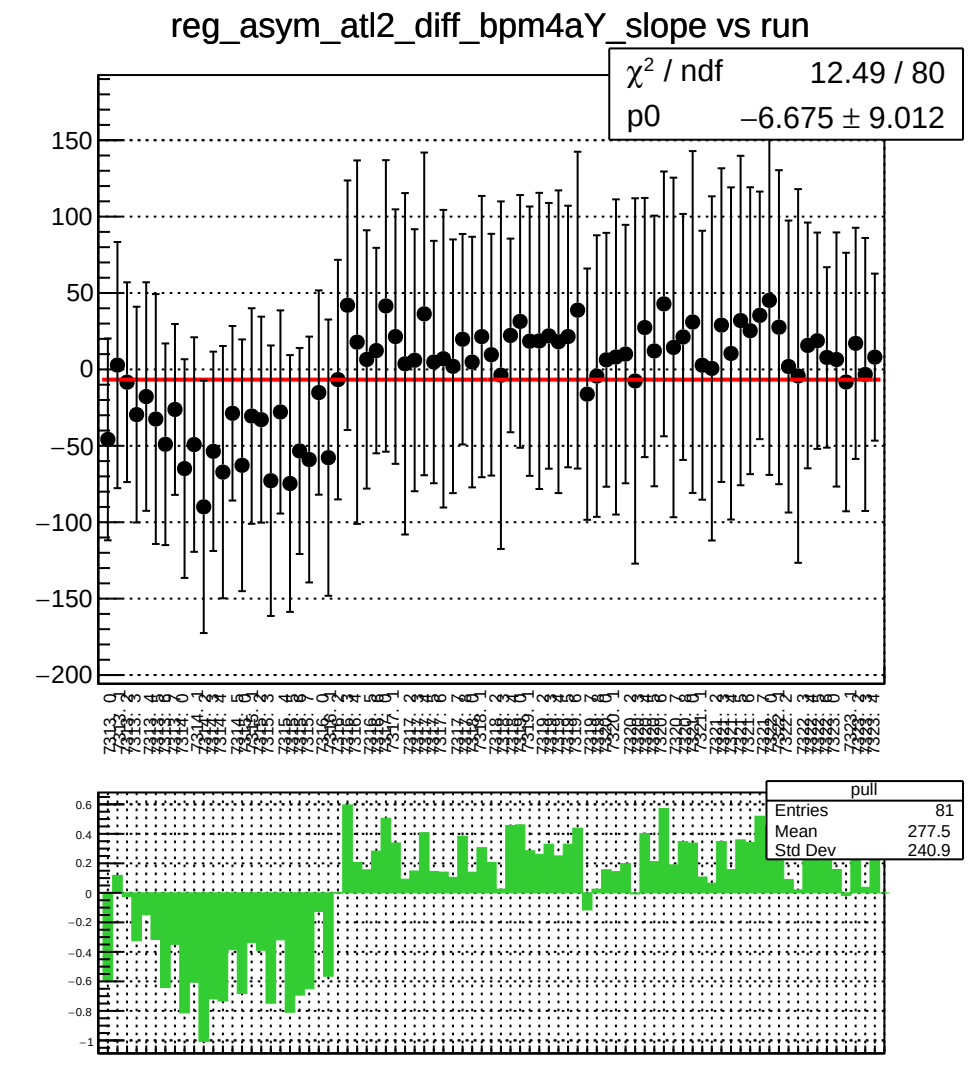

reg_asym_atl1_diff_bpm4eY_slope vs run
χ² / ndf 79.41 / 80
p0 −10.02 ± 2.069
pull
Entries 81
Mean 420
Std Dev 385

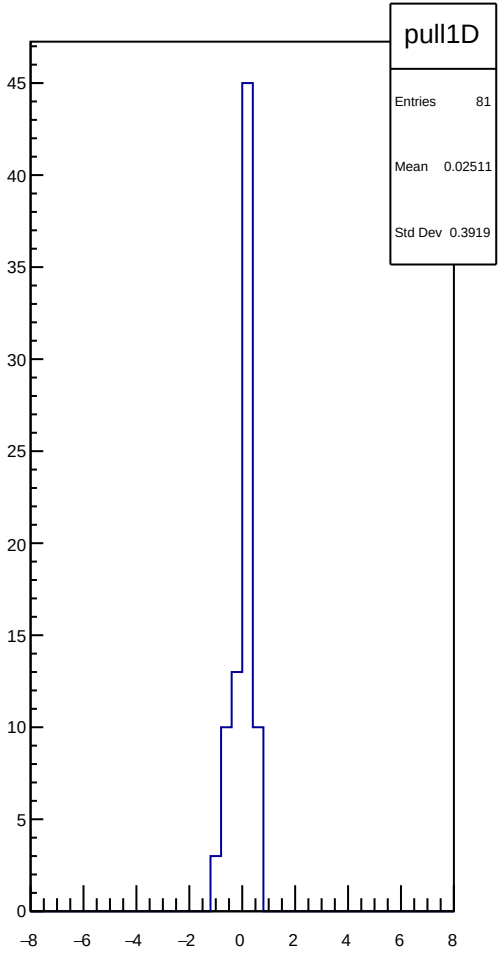

pull1D
Entries 81
Mean −0.01529
Std Dev 0.99

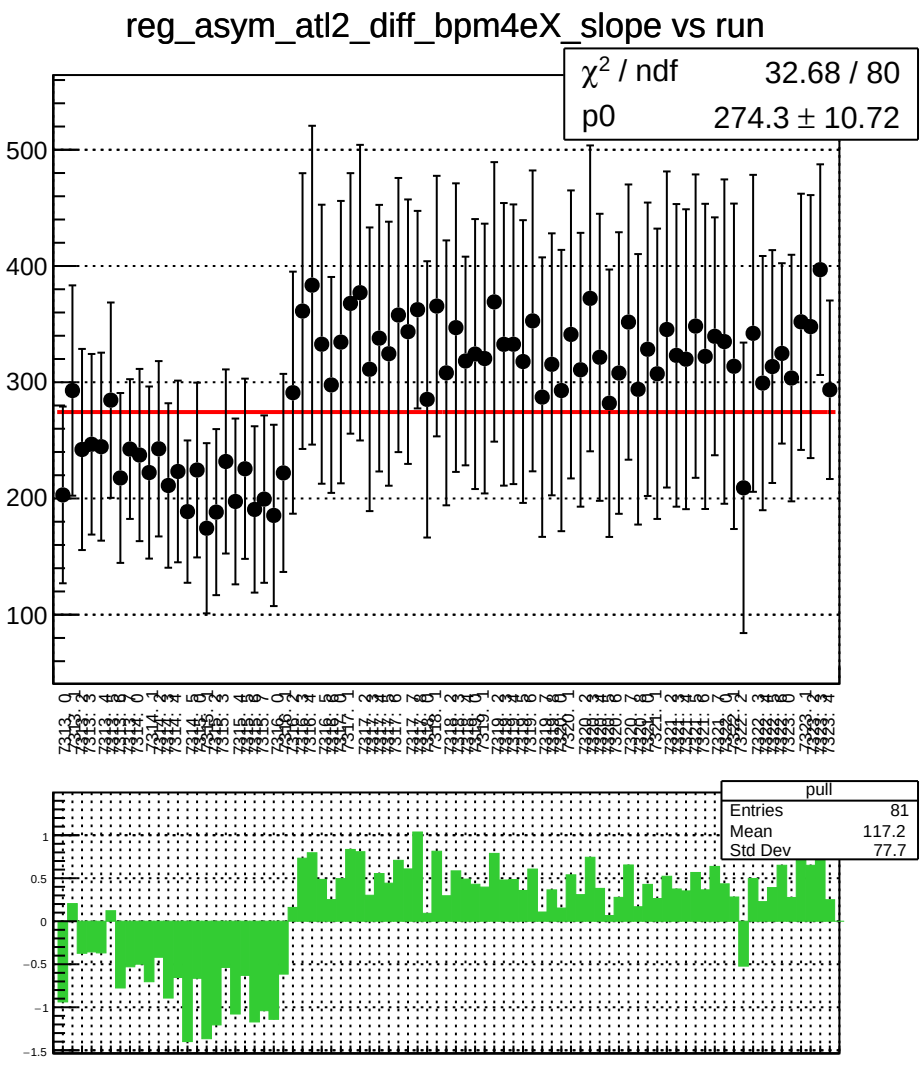

reg_asym_atl1_diff_bpm12X_slope vs run
χ² / ndf 236.9 / 80
p0 −12.42 ± 0.08729
pull
Entries 81
Mean −285.8
Std Dev 322.7

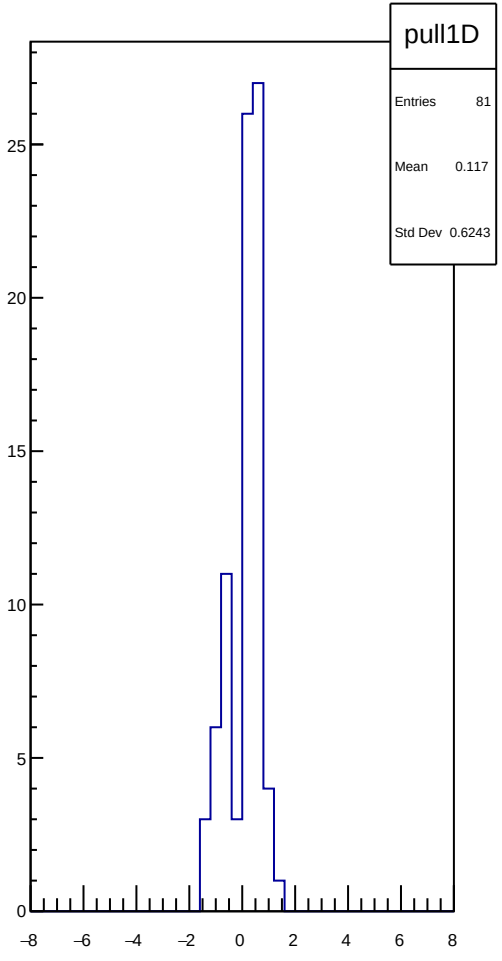

pull1D
Entries 81
Mean −0.05458
Std Dev 1.709

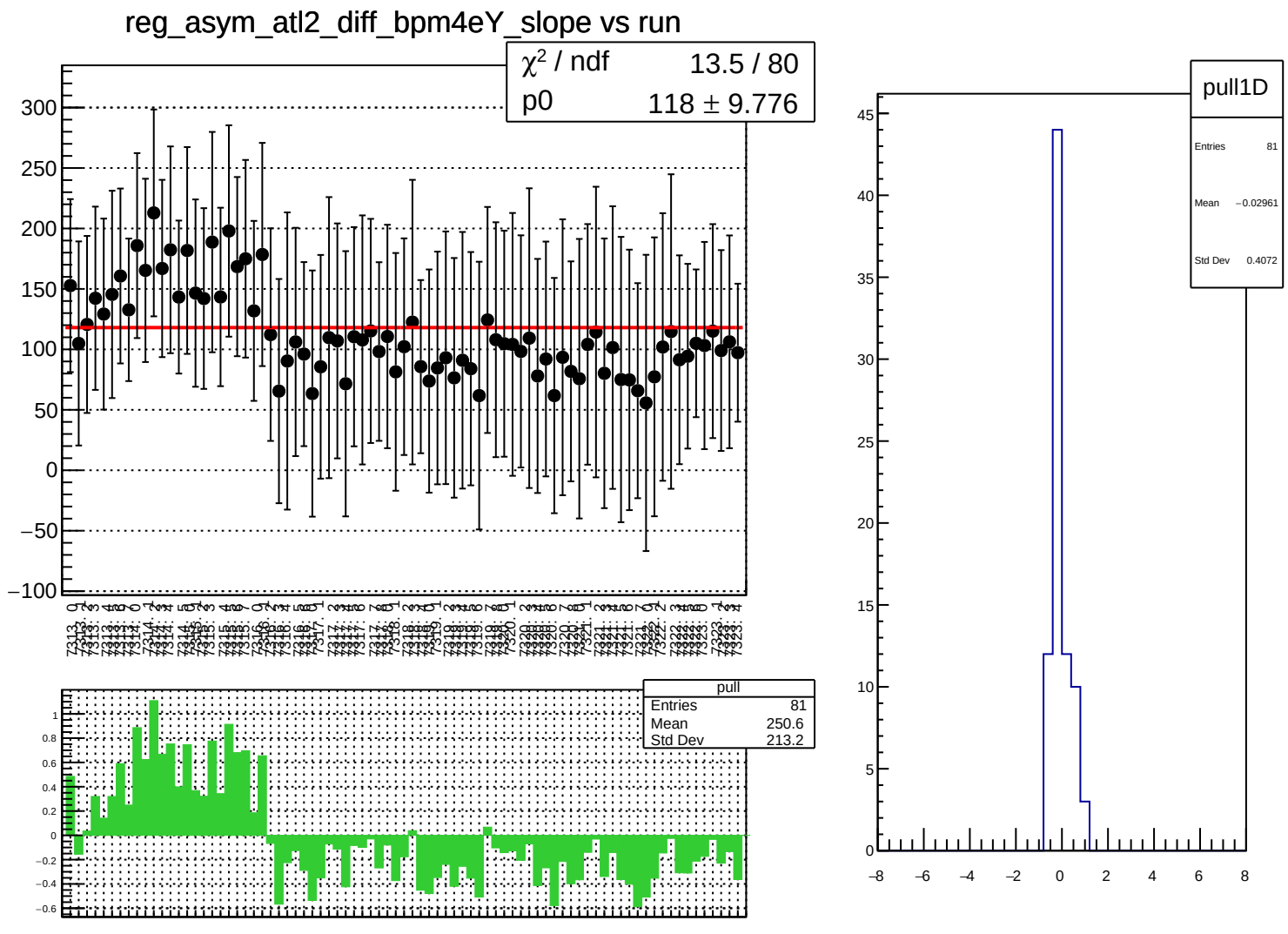

reg_asym_atl2_diff_bpm1X_slope vs run
χ² / ndf 32.53 / 80
p0 −329 ± 10.78
pull
Entries 81
Mean 118.3
Std Dev 78.79
pull1D
Entries 81
Mean −0.115
Std Dev 0.6232

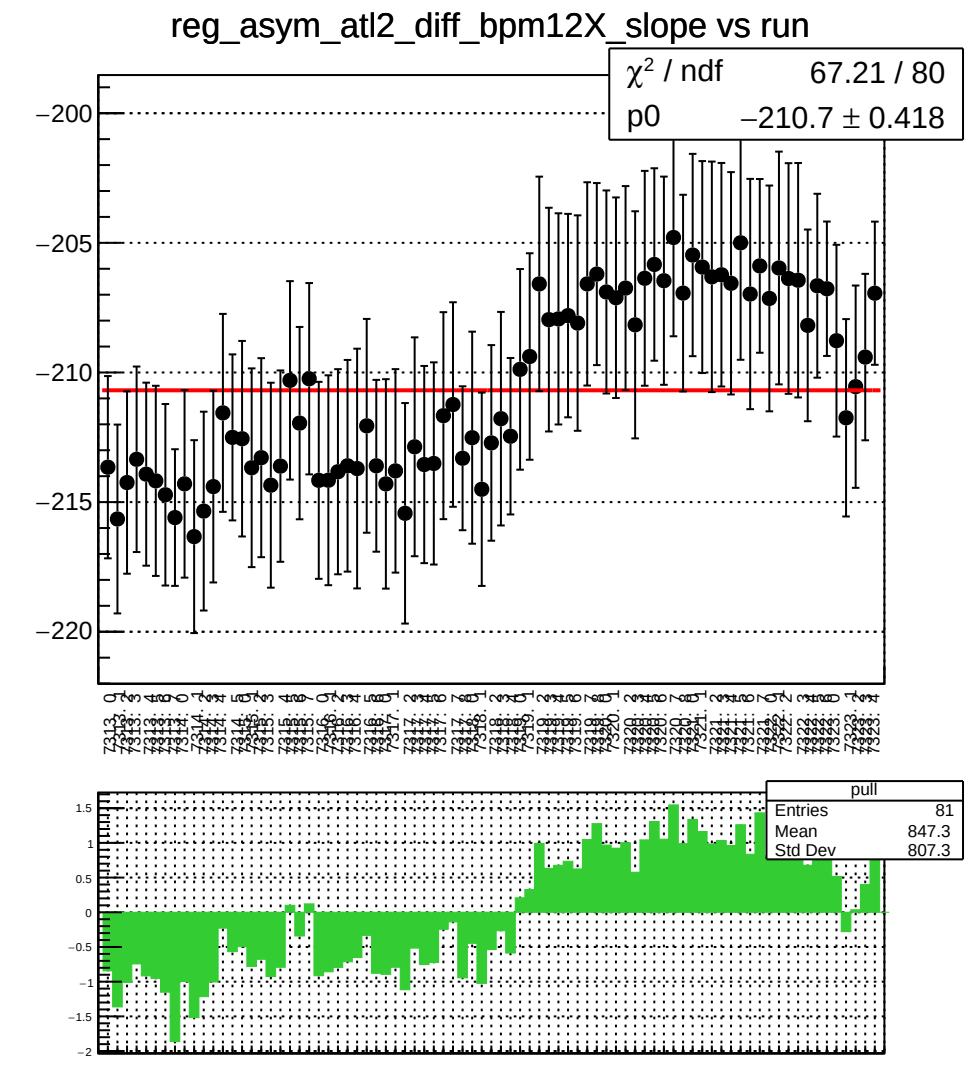

reg_asym_atl2_diff_bpm4aY_slope vs run
χ² / ndf 12.49 / 80
p0 −6.675 ± 9.012
pull
Entries 81
Mean 277.5
Std Dev 240.9

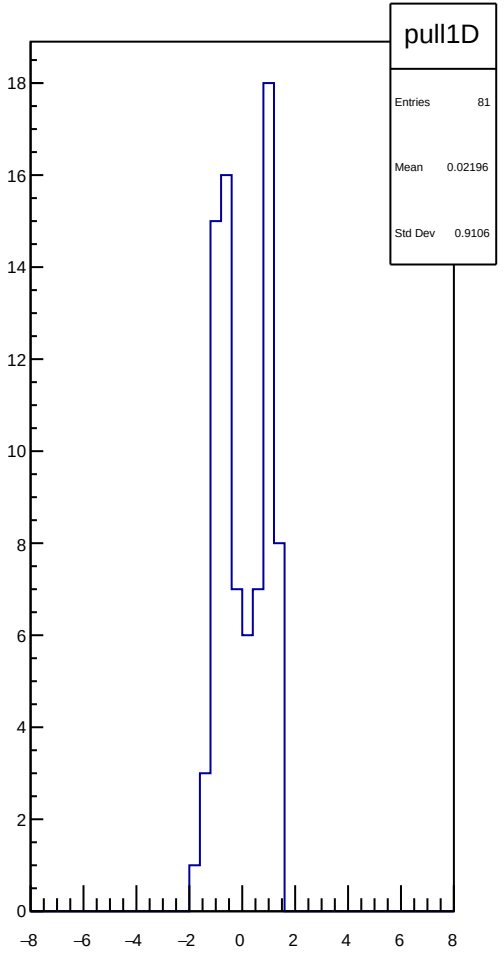

pull1D
Entries 81
Mean 0.02511
Std Dev 0.3919

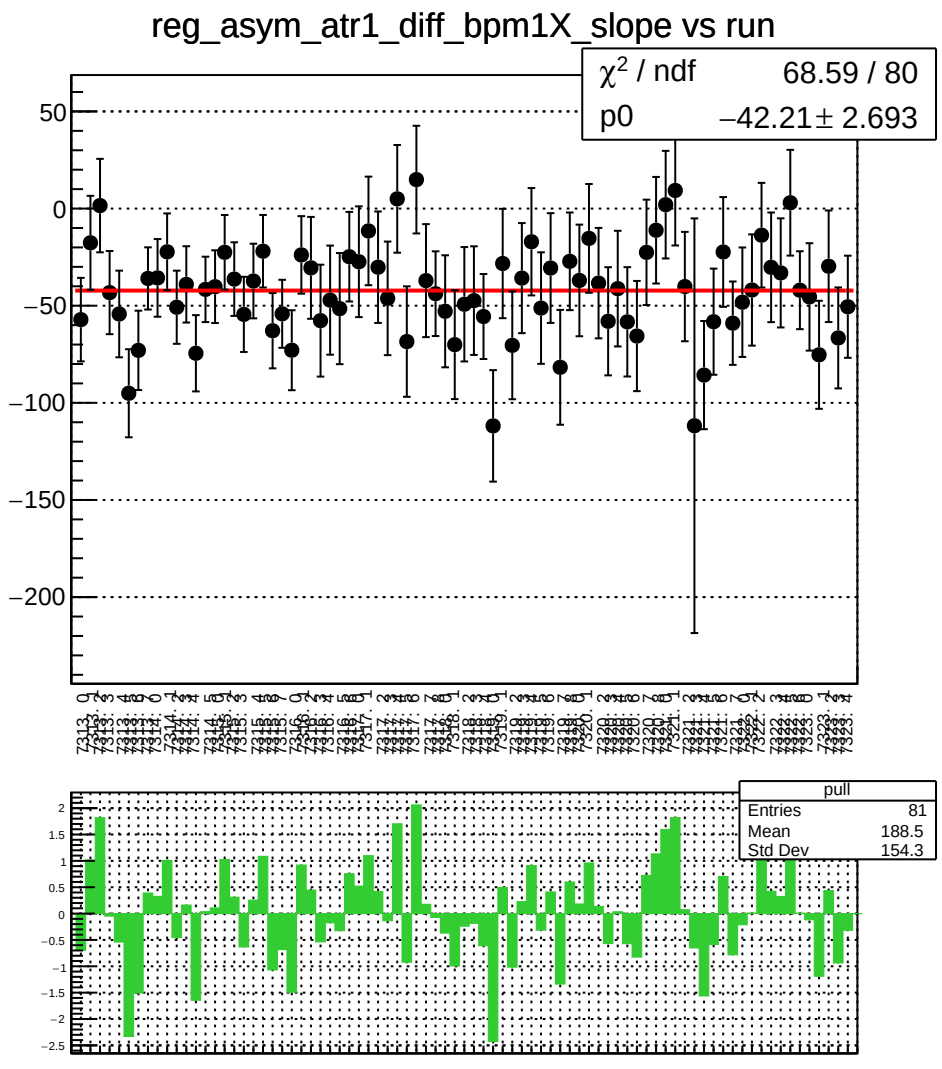

reg_asym_atl2_diff_bpm4eX_slope vs run
χ² / ndf 32.68 / 80
p0 274.3 ± 10.72
500
400
300
200
100
pull
Entries 81
Mean 117.2
Std Dev 77.7
1
0.5
0
−0.5
−1
−1.5

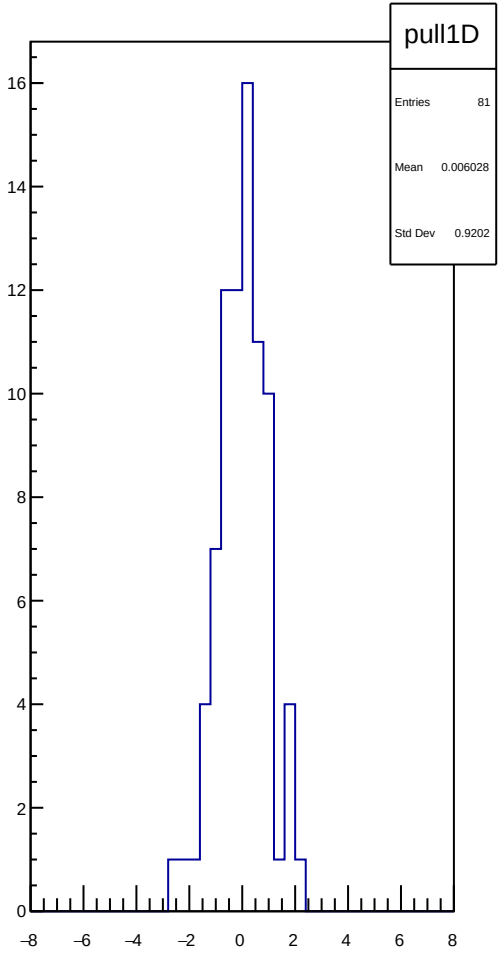

pull1D
Entries 81
Mean 0.117
Std Dev 0.6243
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

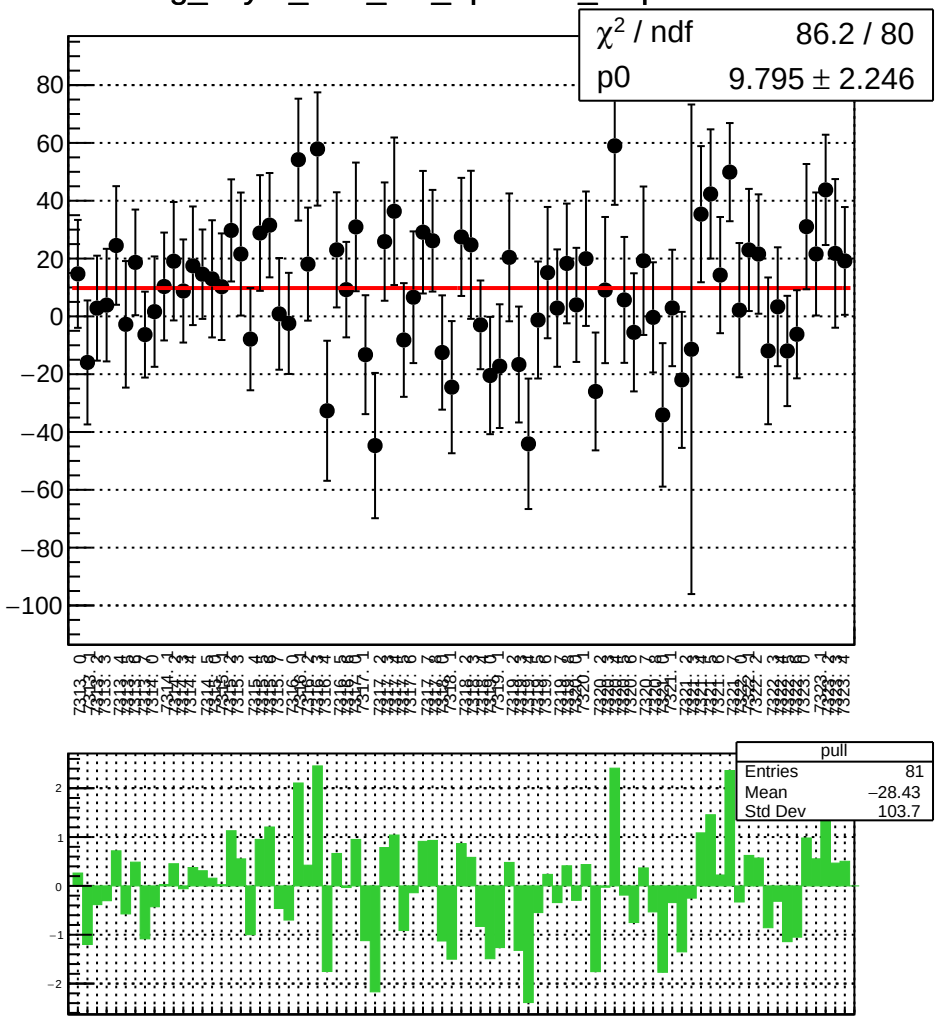

reg_asym_atl2_diff_bpm4eY_slope vs run
χ² / ndf 13.5 / 80
p0 118 ± 9.776
pull
Entries 81
Mean 250.6
Std Dev 213.2
pull1D
Entries 81
Mean −0.02961
Std Dev 0.4072

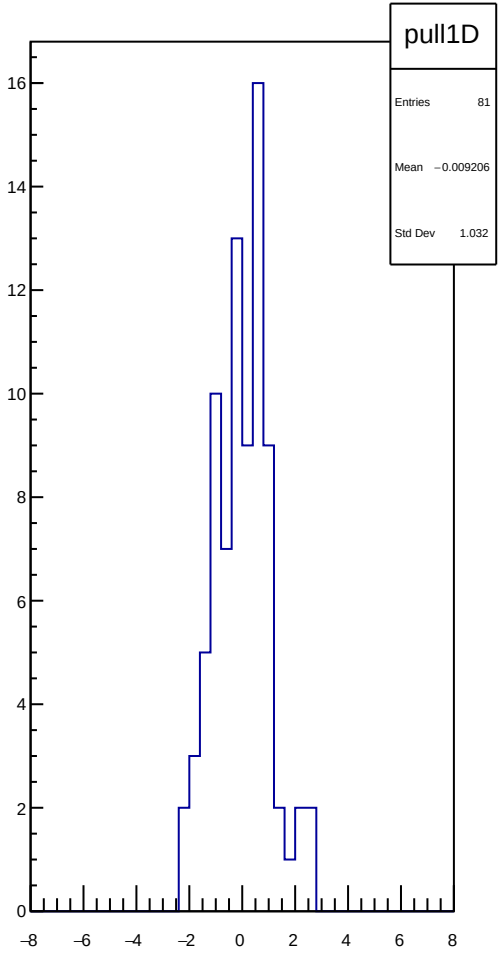

reg_asym_atl2_diff_bpm12X_slope vs run
χ² / ndf 67.21 / 80
p0 −210.7 ± 0.418
pull
Entries 81
Mean 847.3
Std Dev 807.3

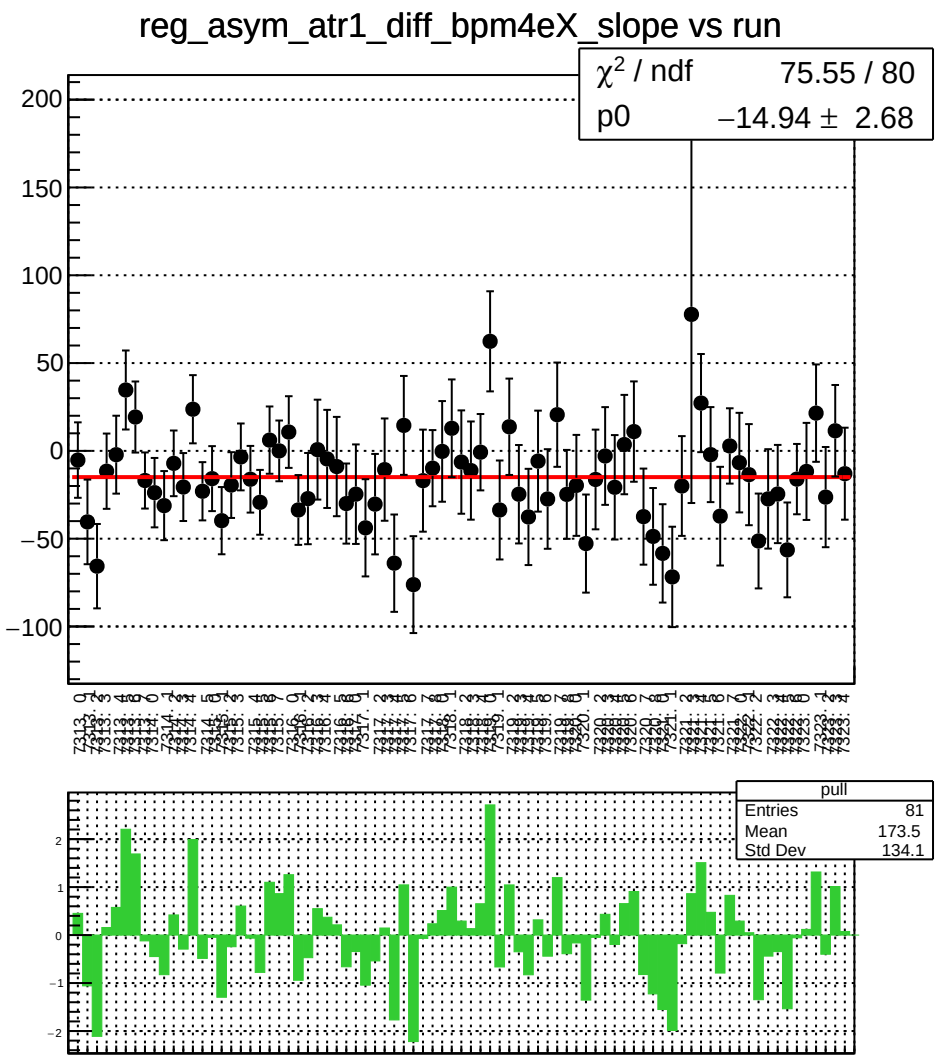

pull1D
Entries 81
Mean 0.02196
Std Dev 0.9106

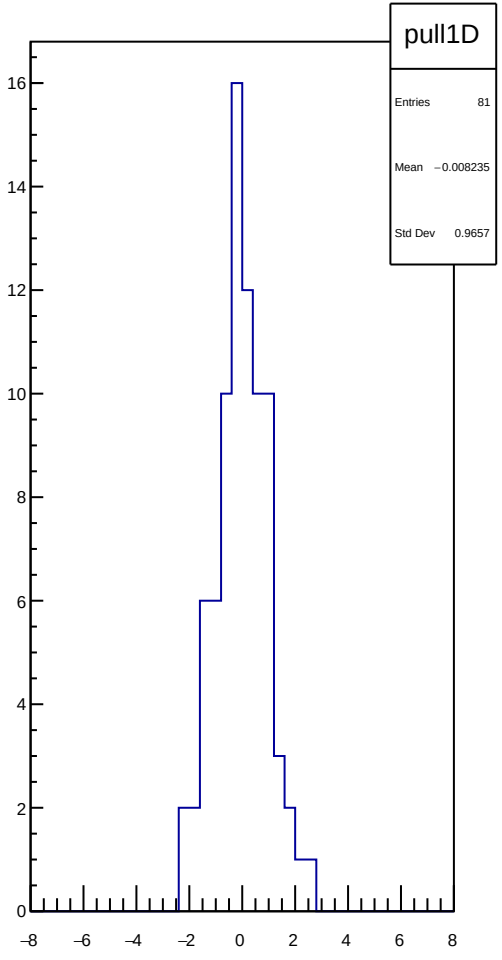

reg_asym_atr1_diff_bpm1X_slope vs run
χ² / ndf 68.59 / 80
p0 −42.21 ± 2.693
pull
Entries 81
Mean 188.5
Std Dev 154.3

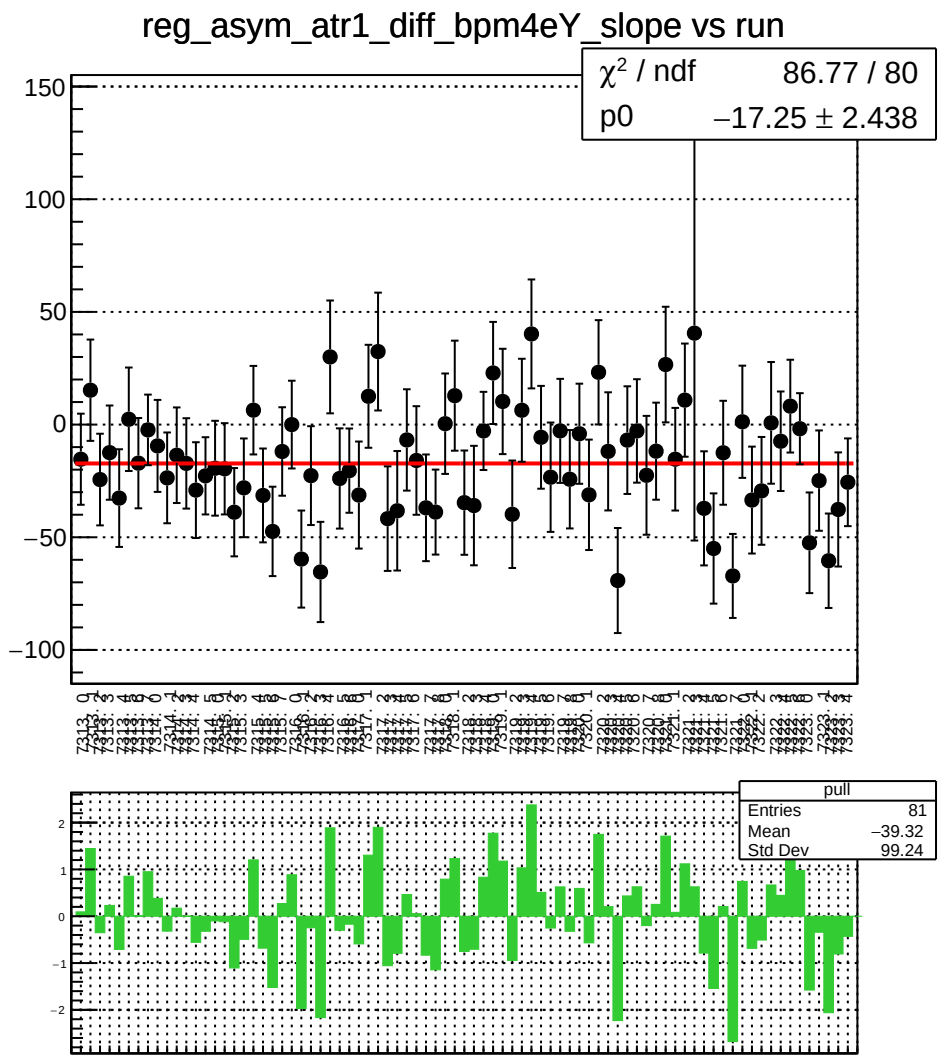

pull1D
Entries 81
Mean 0.006028
Std Dev 0.9202

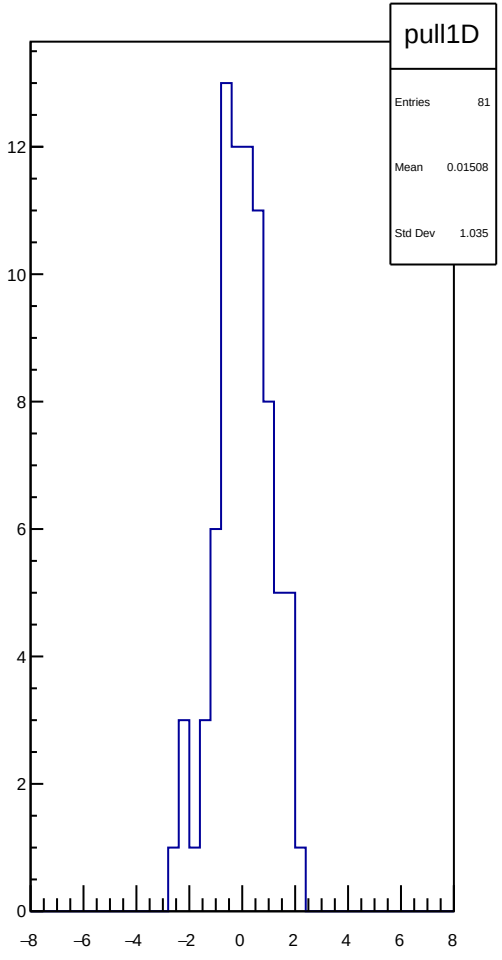

reg_asym_atr1_diff_bpm4aY_slope vs run
χ² / ndf 86.2 / 80
p0 9.795 ± 2.246
pull
Entries 81
Mean −28.43
Std Dev 103.7

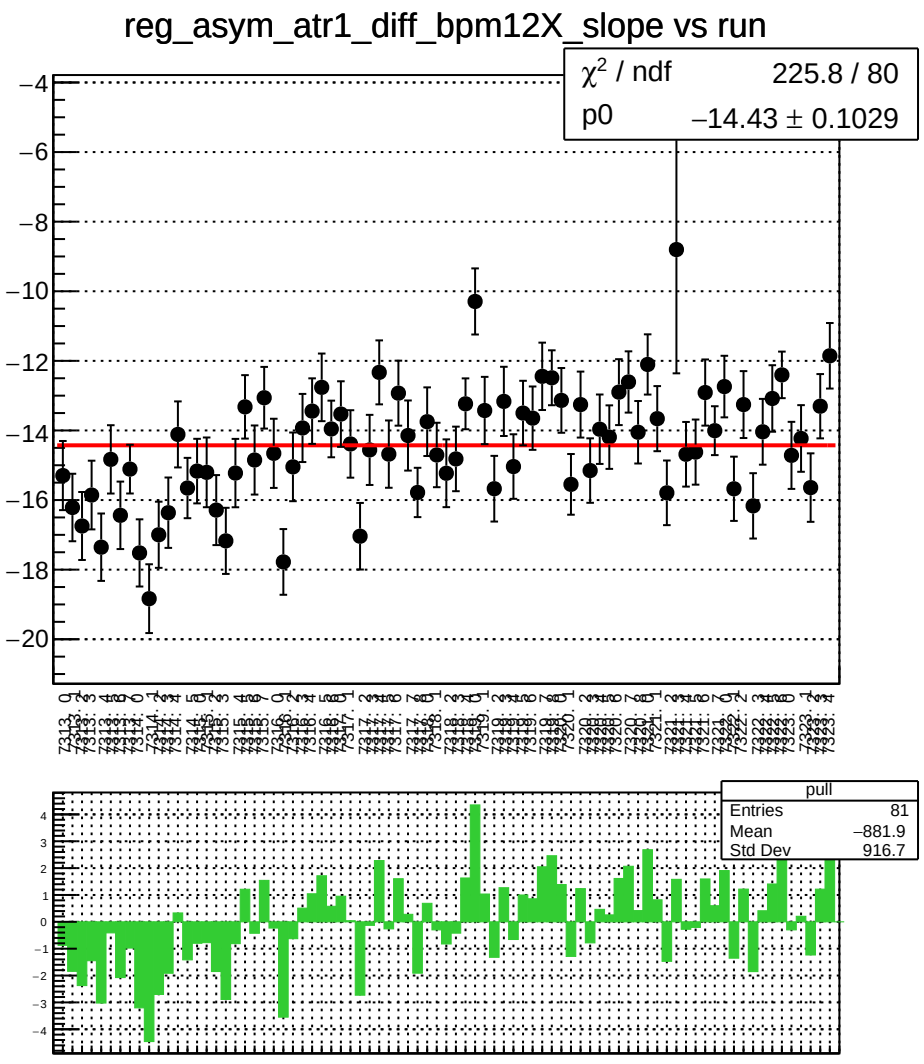

pull1D
Entries 81
Mean −0.009206
Std Dev 1.032

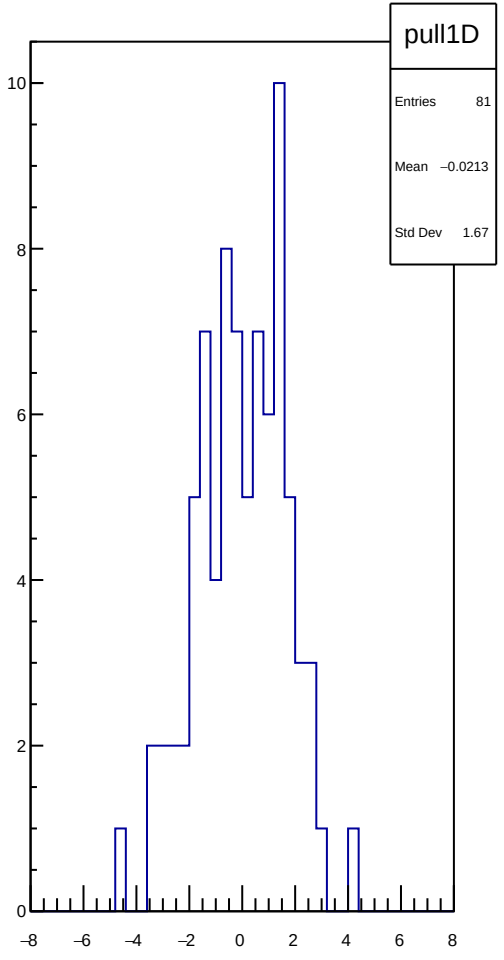

reg_asym_atr1_diff_bpm4eX_slope vs run
χ² / ndf 75.55 / 80
p0 −14.94 ± 2.68
pull
Entries 81
Mean 173.5
Std Dev 134.1

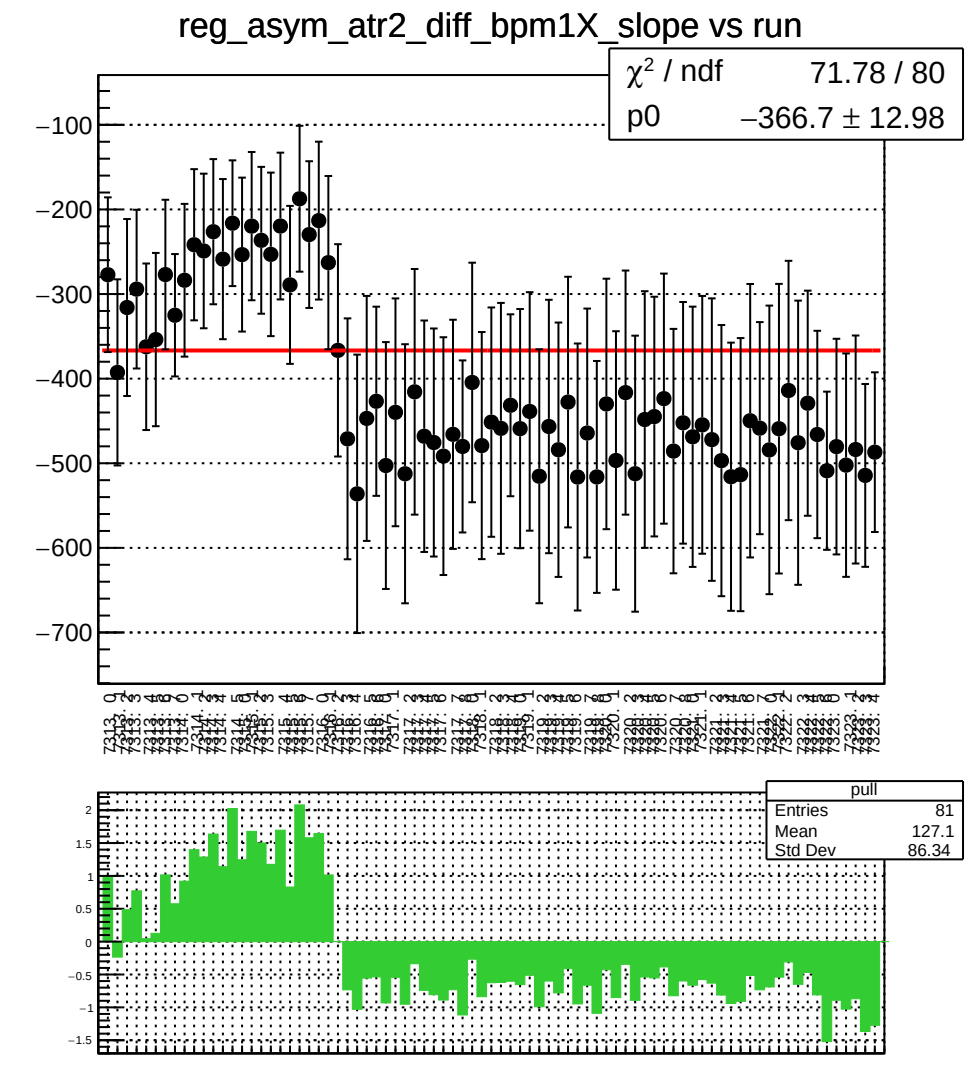

pull1D
Entries 81
Mean −0.008235
Std Dev 0.9657

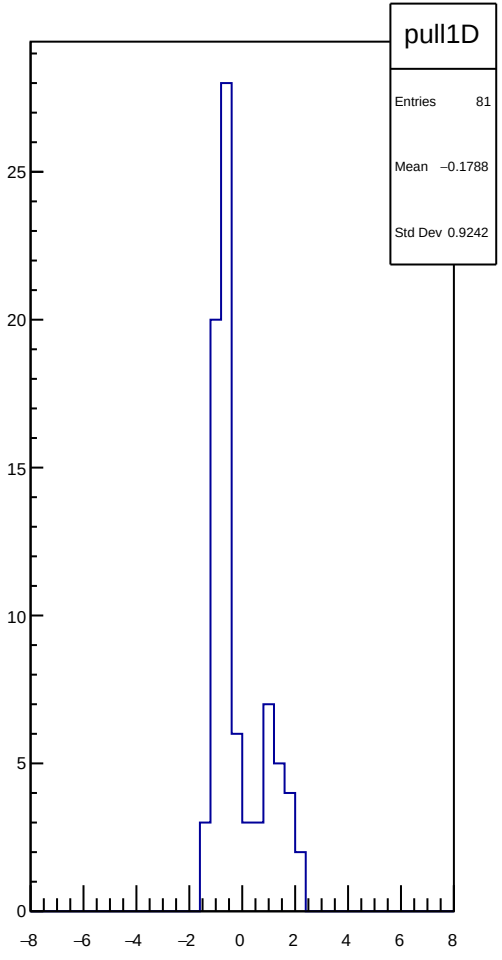

reg_asym_atr1_diff_bpm4eY_slope vs run
χ² / ndf 86.77 / 80
p0 −17.25 ± 2.438
150
100
50
0
−50
−100
pull
Entries 81
Mean −39.32
Std Dev 99.24
2
1
0
−1
−2

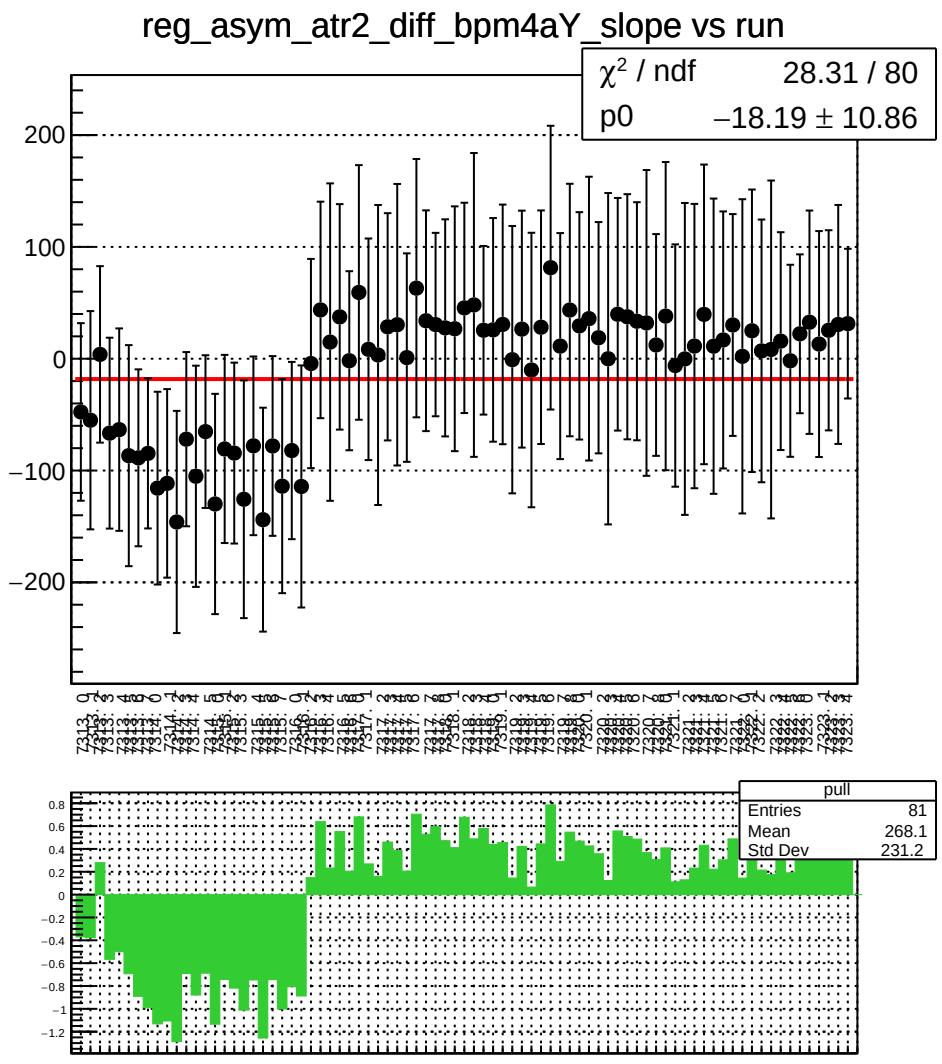

pull1D
Entries 81
Mean 0.01508
Std Dev 1.035
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

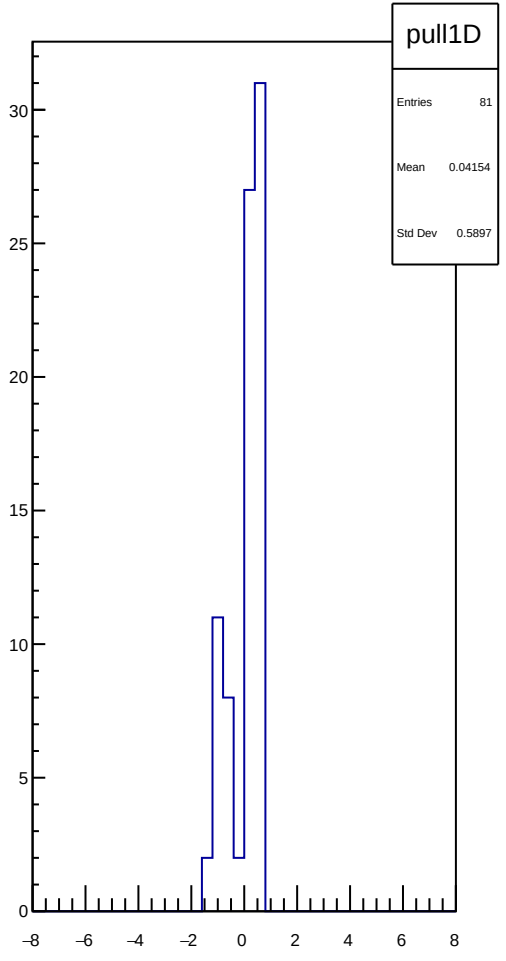

reg_asym_atr1_diff_bpm12X_slope vs run
χ² / ndf 225.8 / 80
p0 −14.43 ± 0.1029
pull
Entries 81
Mean −881.9
Std Dev 916.7

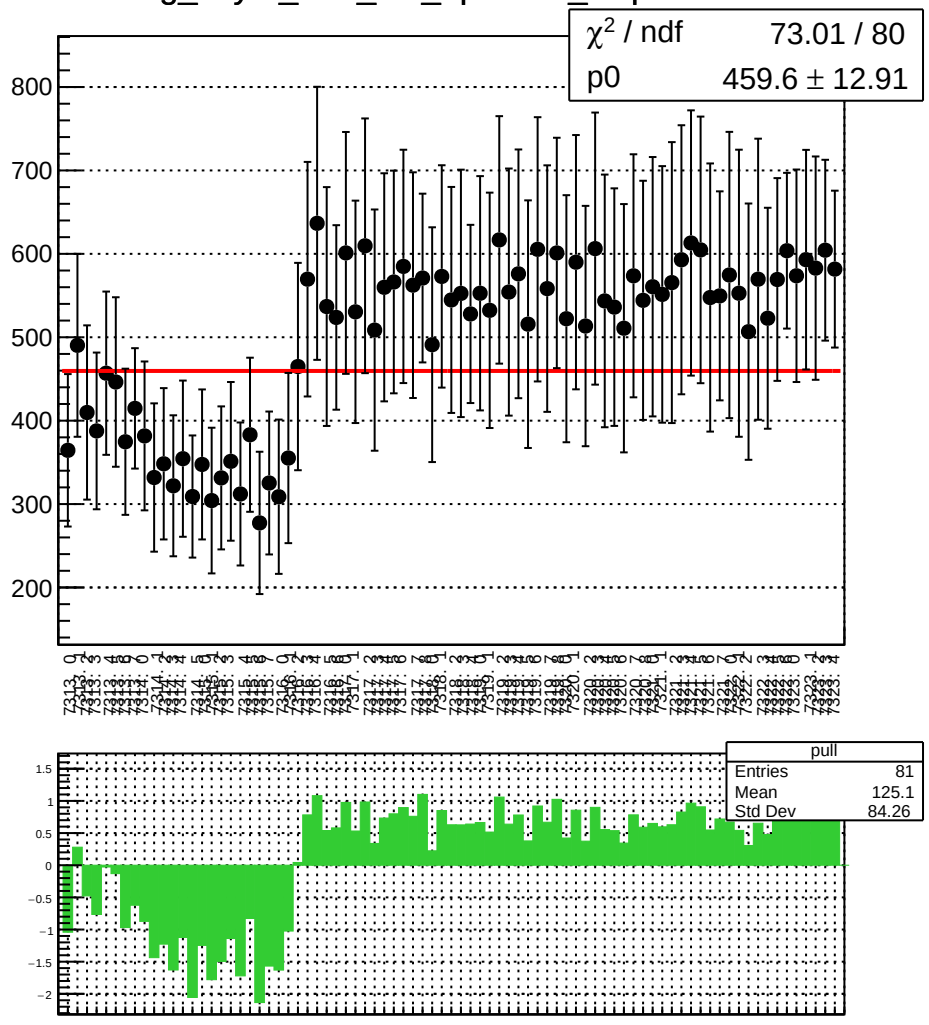

pull1D
Entries 81
Mean −0.0213
Std Dev 1.67

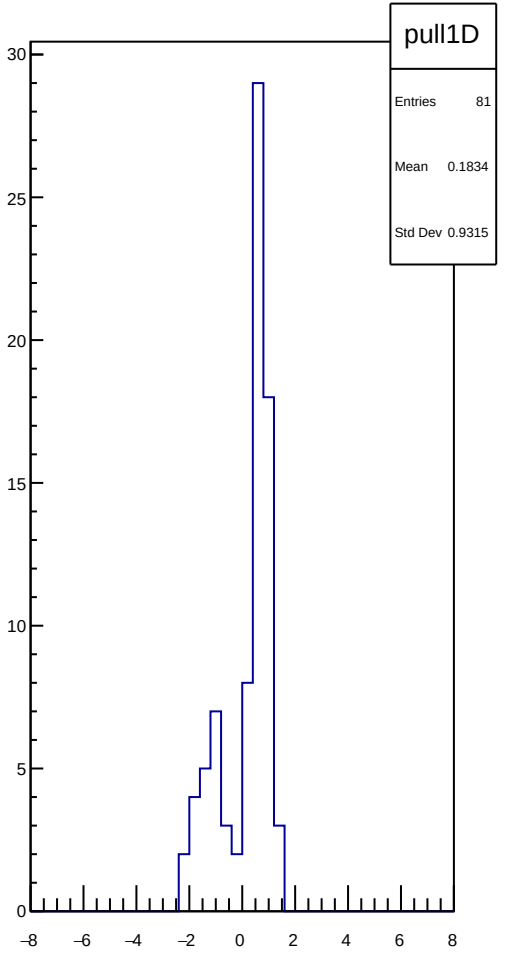

reg_asym_atr2_diff_bpm1X_slope vs run
χ² / ndf 71.78 / 80
p0 −366.7 ± 12.98
pull
Entries 81
Mean 127.1
Std Dev 86.34

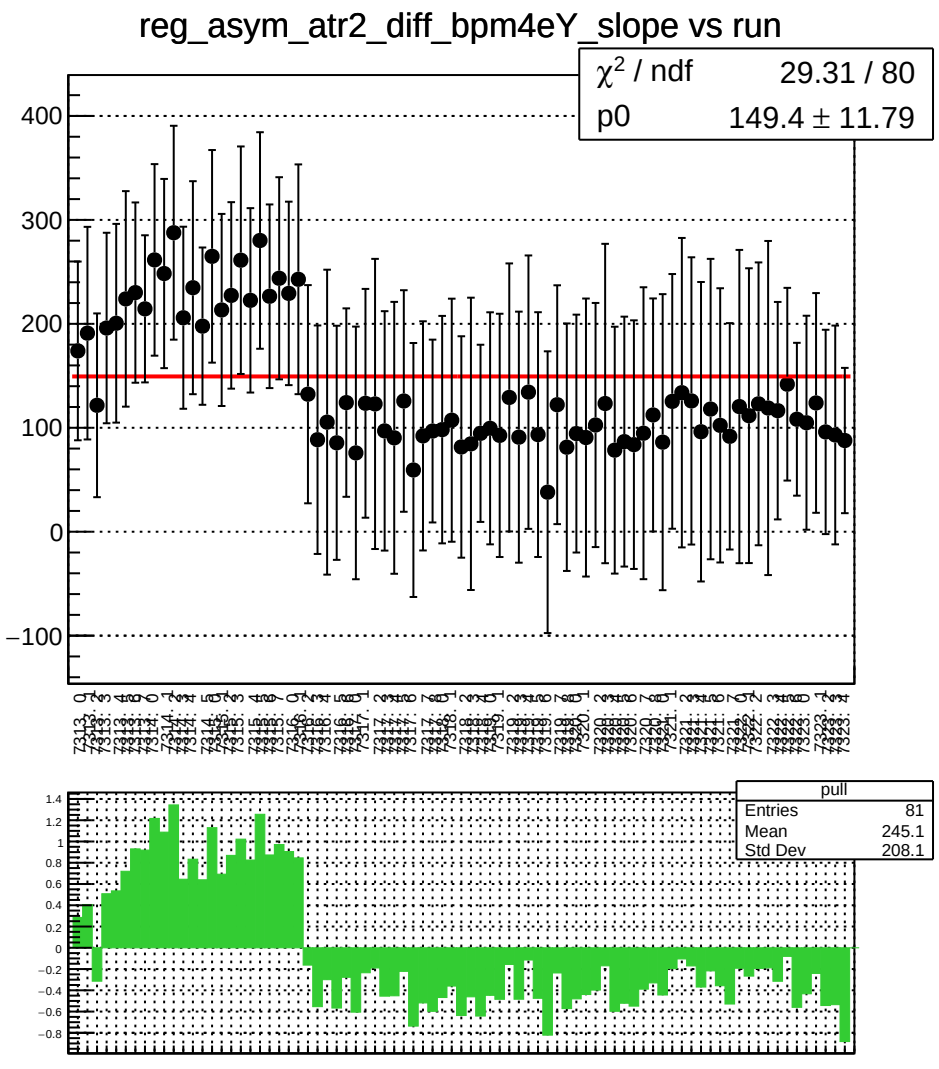

pull1D
Entries 81
Mean −0.1788
Std Dev 0.9242

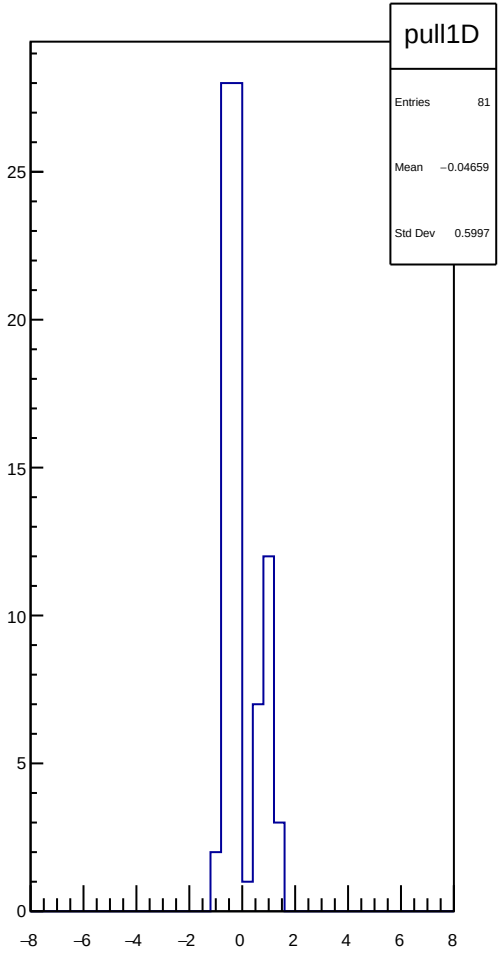

reg_asym_atr2_diff_bpm4aY_slope vs run
χ² / ndf 28.31 / 80
p0 −18.19 ± 10.86
200
100
0
−100
−200
pull
Entries 81
Mean 268.1
Std Dev 231.2
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−1.2

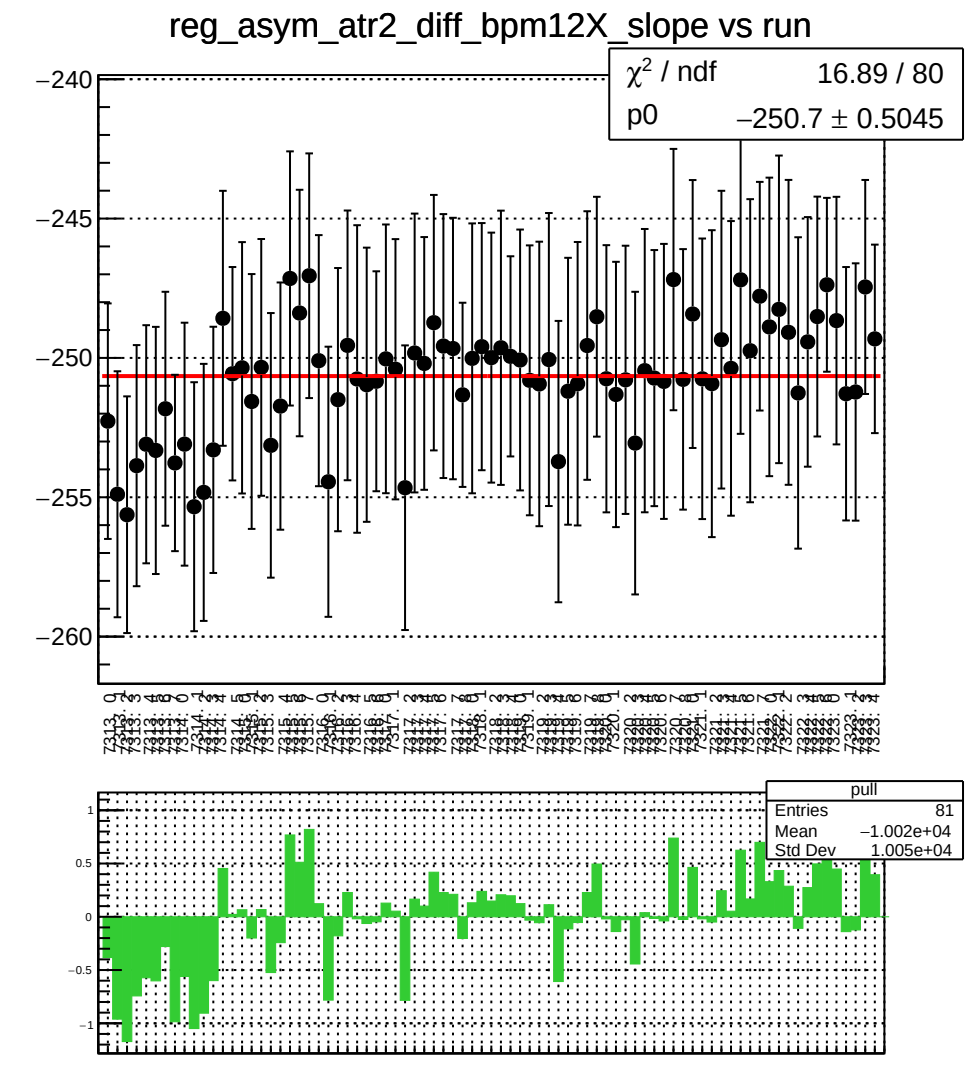

pull1D
Entries 81
Mean 0.04154
Std Dev 0.5897
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

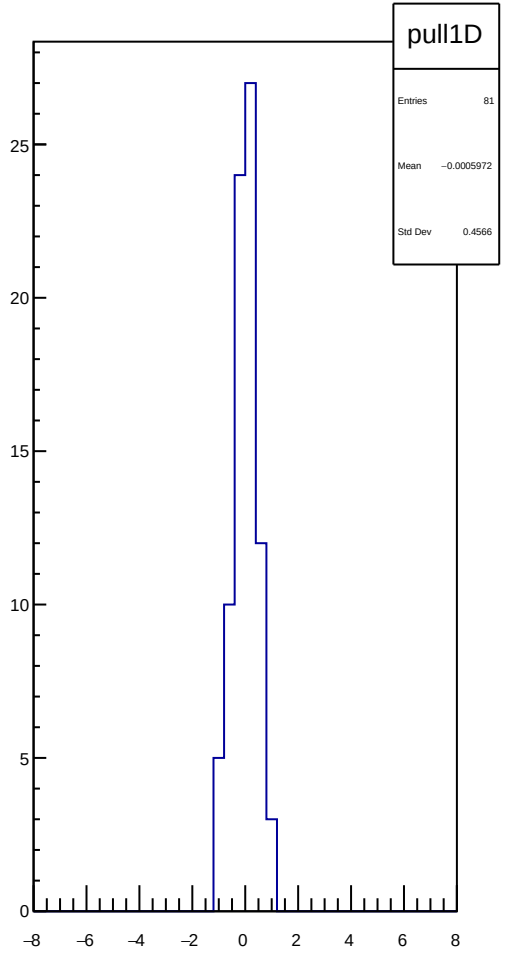

reg_asym_atr2_diff_bpm4eX_slope vs run
χ² / ndf 73.01 / 80
p0 459.6 ± 12.91
pull
Entries 81
Mean 125.1
Std Dev 84.26

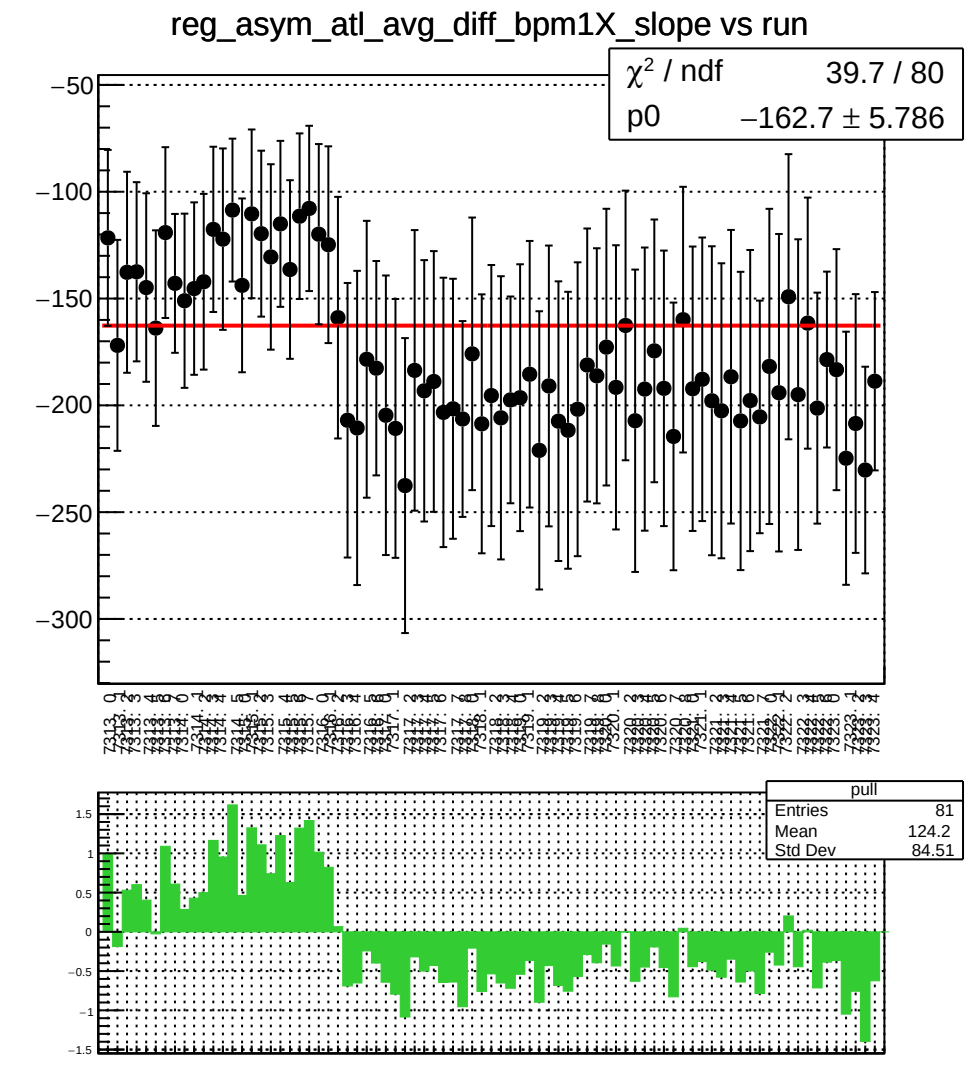

pull1D
Entries 81
Mean 0.1834
Std Dev 0.9315

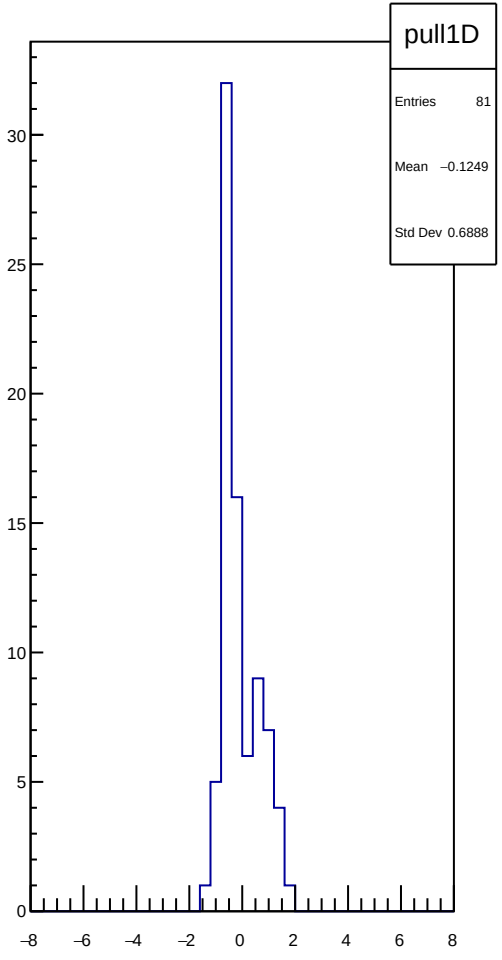

reg_asym_atr2_diff_bpm4eY_slope vs run
χ² / ndf 29.31 / 80
p0 149.4 ± 11.79
pull
Entries 81
Mean 245.1
Std Dev 208.1

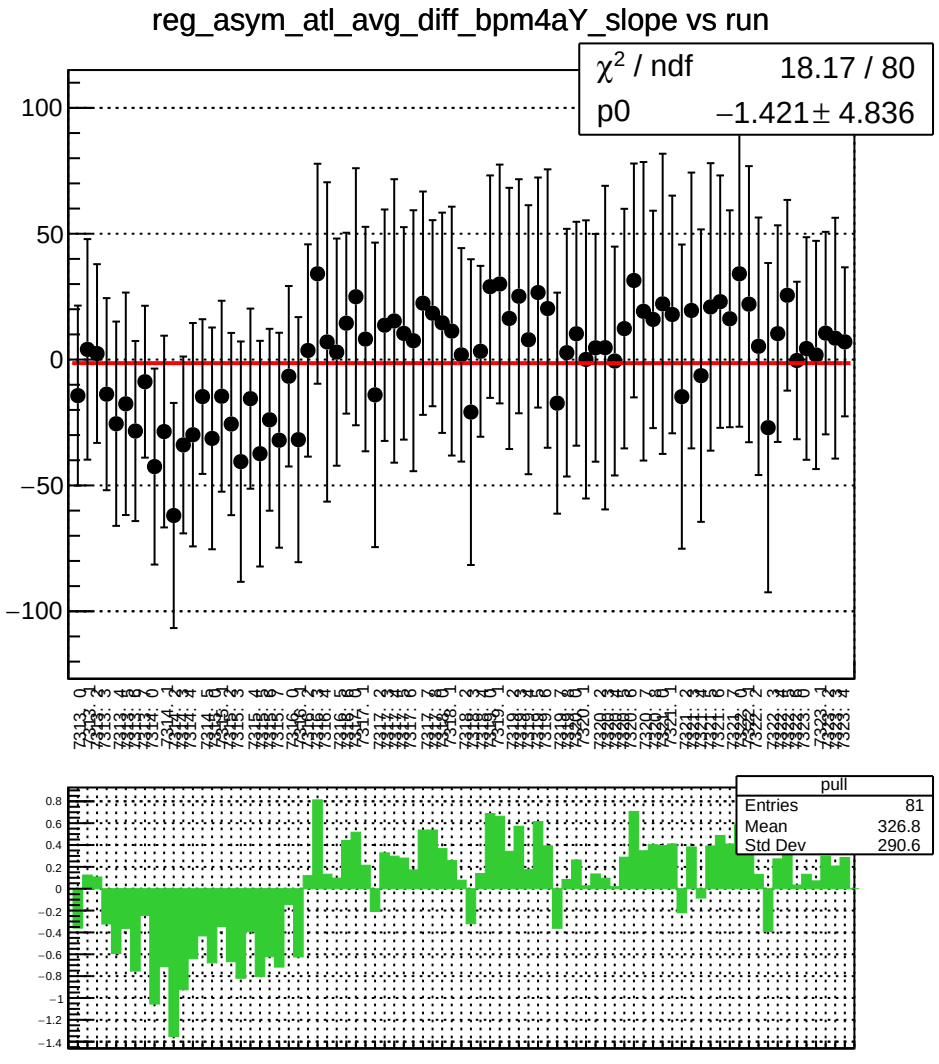

pull1D
Entries 81
Mean −0.04659
Std Dev 0.5997

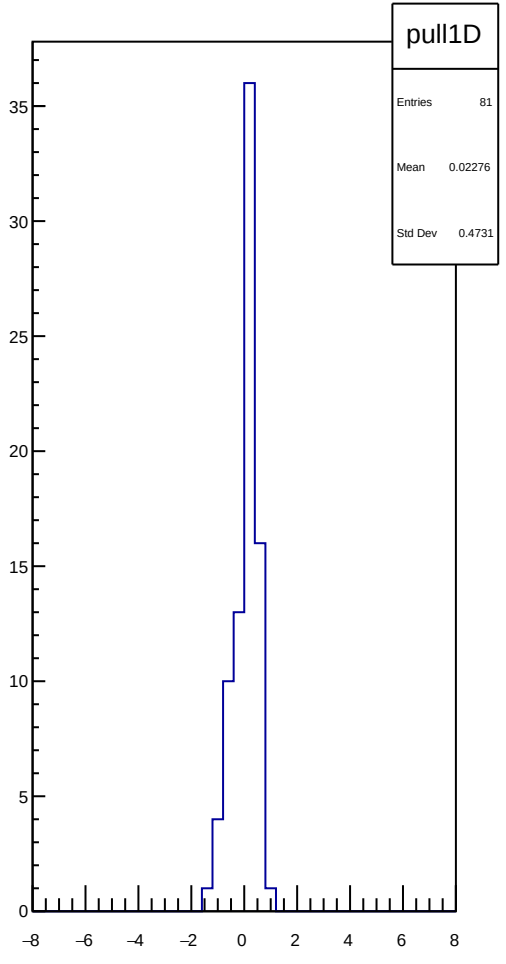

reg_asym_atr2_diff_bpm12X_slope vs run
χ² / ndf 16.89 / 80
p0 −250.7 ± 0.5045
−240
−245
−250
−255
−260
pull
Entries 81
Mean −1.002e+04
Std Dev 1.005e+04
1
0.5
0
−0.5
−1

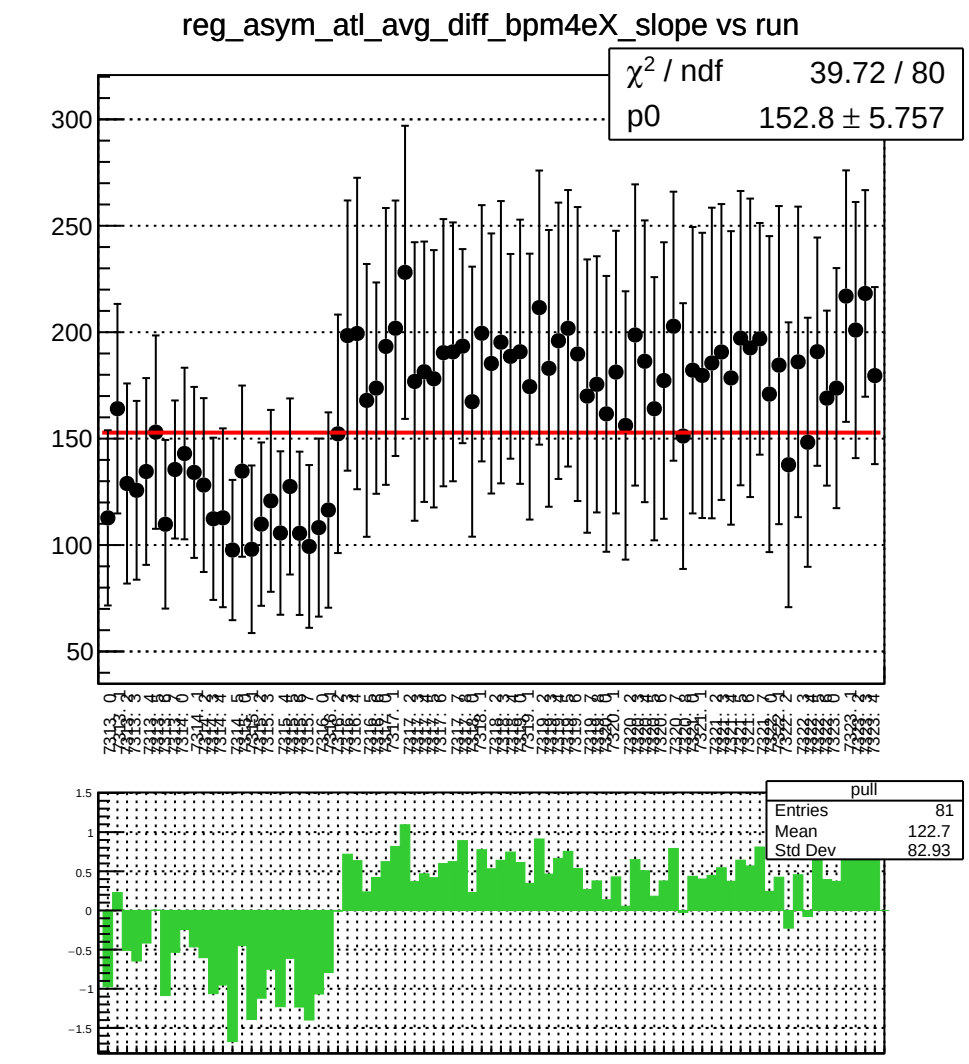

pull1D
Entries 81
Mean −0.0005972
Std Dev 0.4566
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

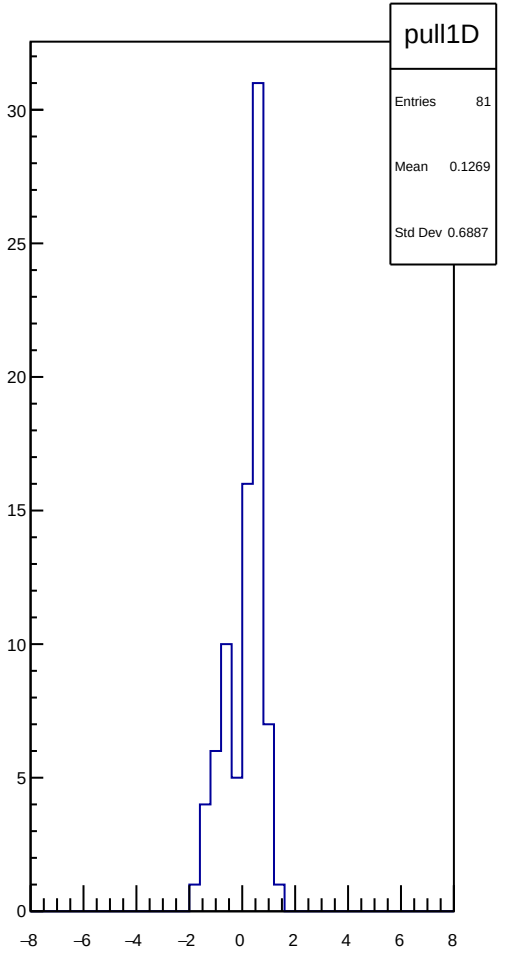

reg_asym_atl_avg_diff_bpm1X_slope vs run
χ² / ndf 39.7 / 80
p0 −162.7 ± 5.786
pull
Entries 81
Mean 124.2
Std Dev 84.51

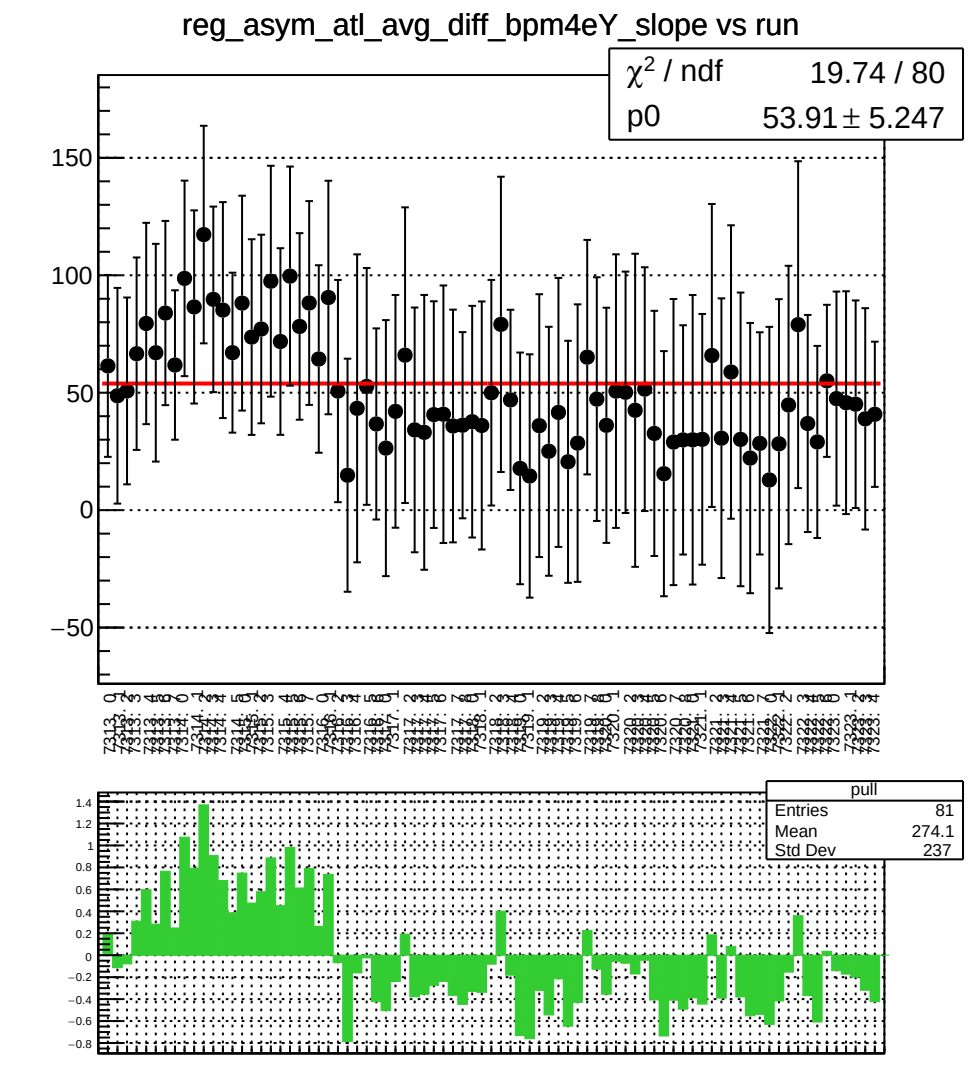

pull1D
Entries 81
Mean −0.1249
Std Dev 0.6888

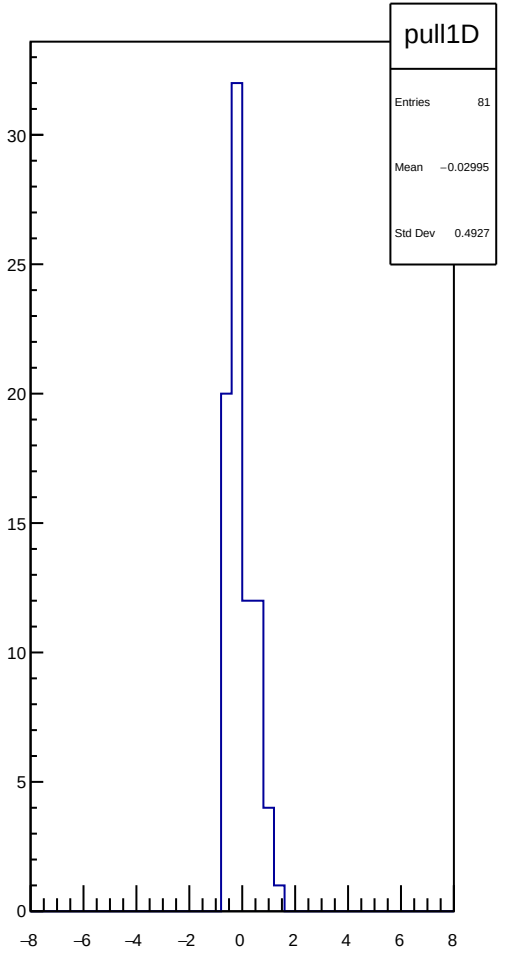

reg_asym_atl_avg_diff_bpm4aY_slope vs run
χ² / ndf 18.17 / 80
p0 −1.421 ± 4.836
pull
Entries 81
Mean 326.8
Std Dev 290.6

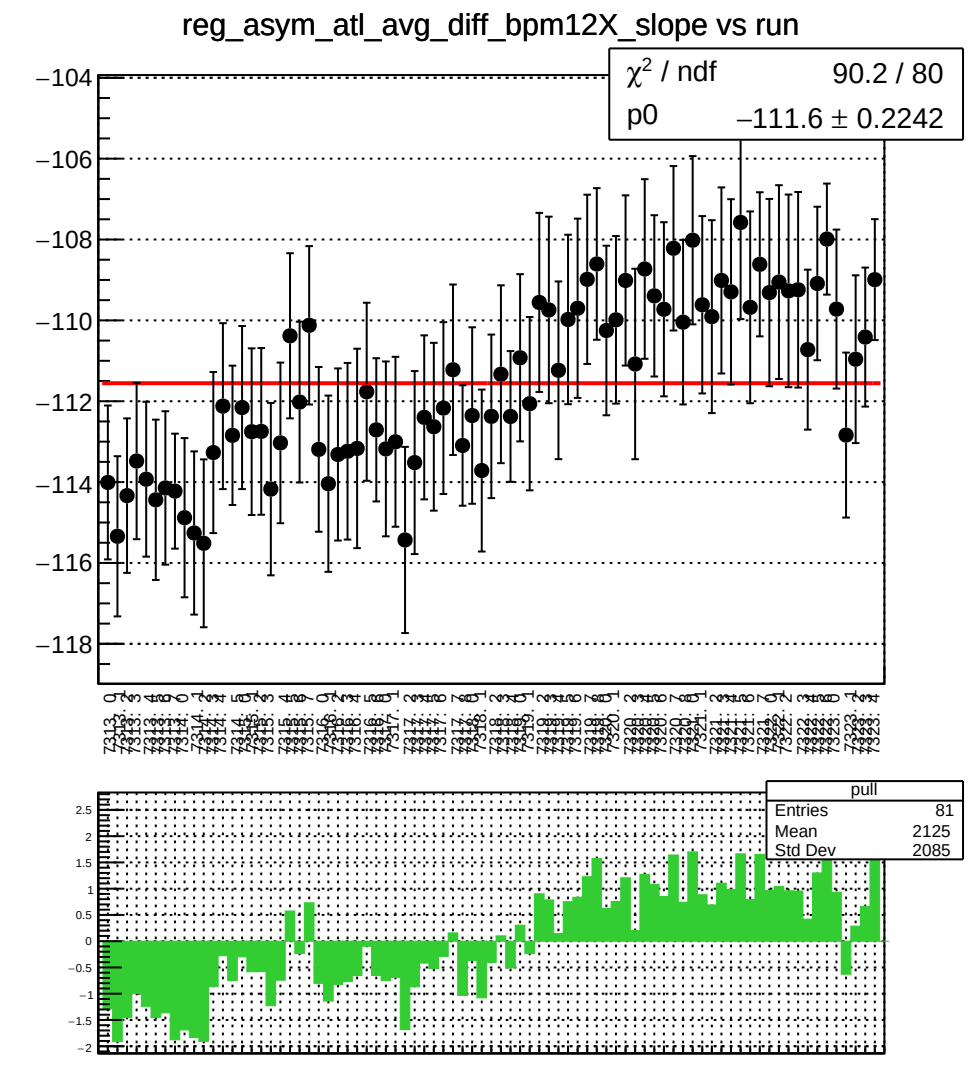

pull1D
Entries 81
Mean 0.02276
Std Dev 0.4731

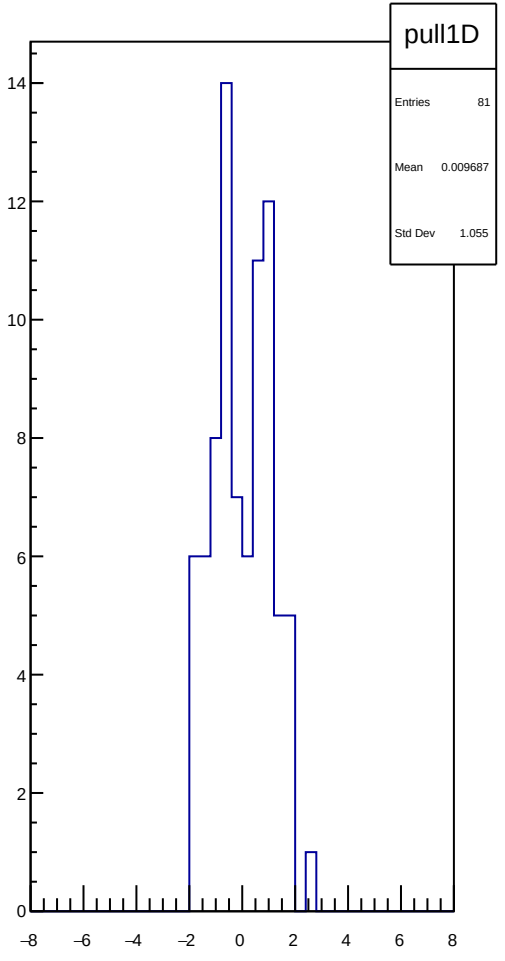

reg_asym_atl_avg_diff_bpm4eX_slope vs run
χ² / ndf 39.72 / 80
p0 152.8 ± 5.757
pull
Entries 81
Mean 122.7
Std Dev 82.93

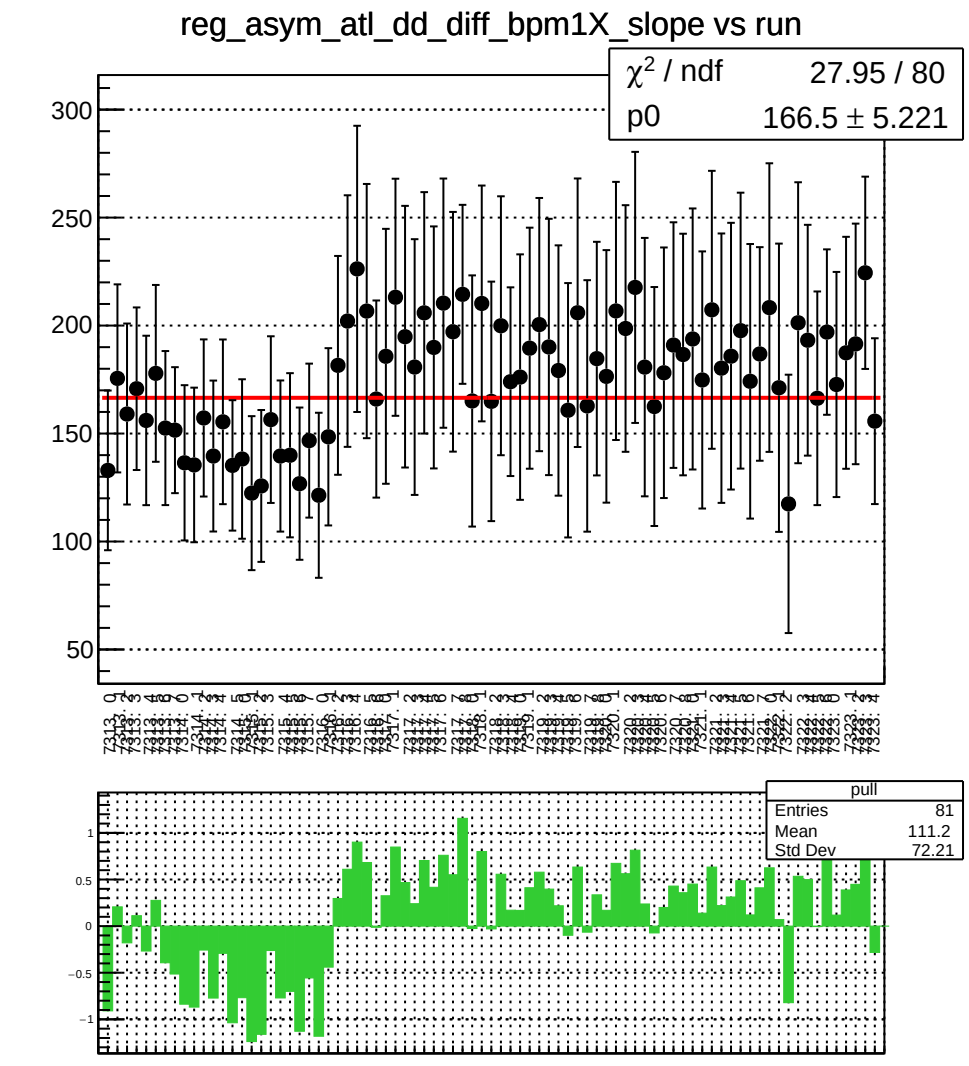

pull1D
Entries 81
Mean 0.1269
Std Dev 0.6887

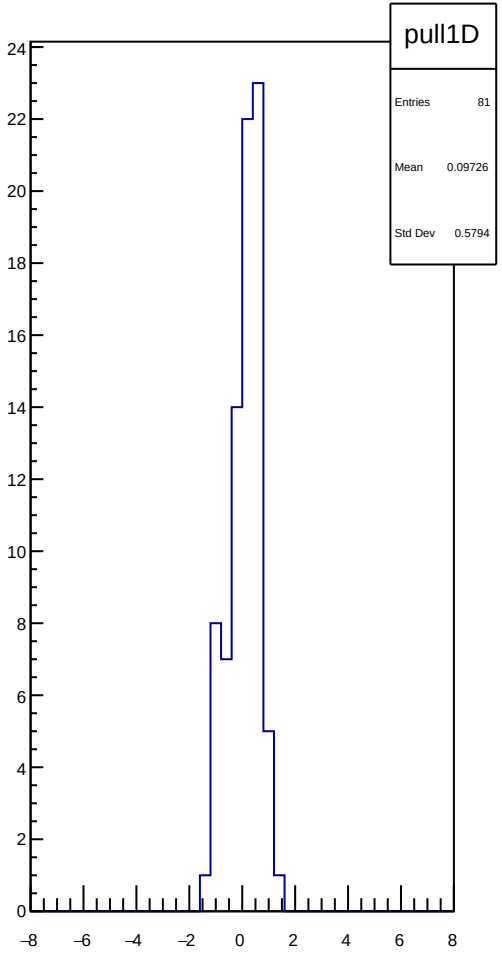

reg_asym_atl_avg_diff_bpm4eY_slope vs run
χ² / ndf 19.74 / 80
p0 53.91 ± 5.247
150
100
50
0
−50
pull
Entries 81
Mean 274.1
Std Dev 237
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

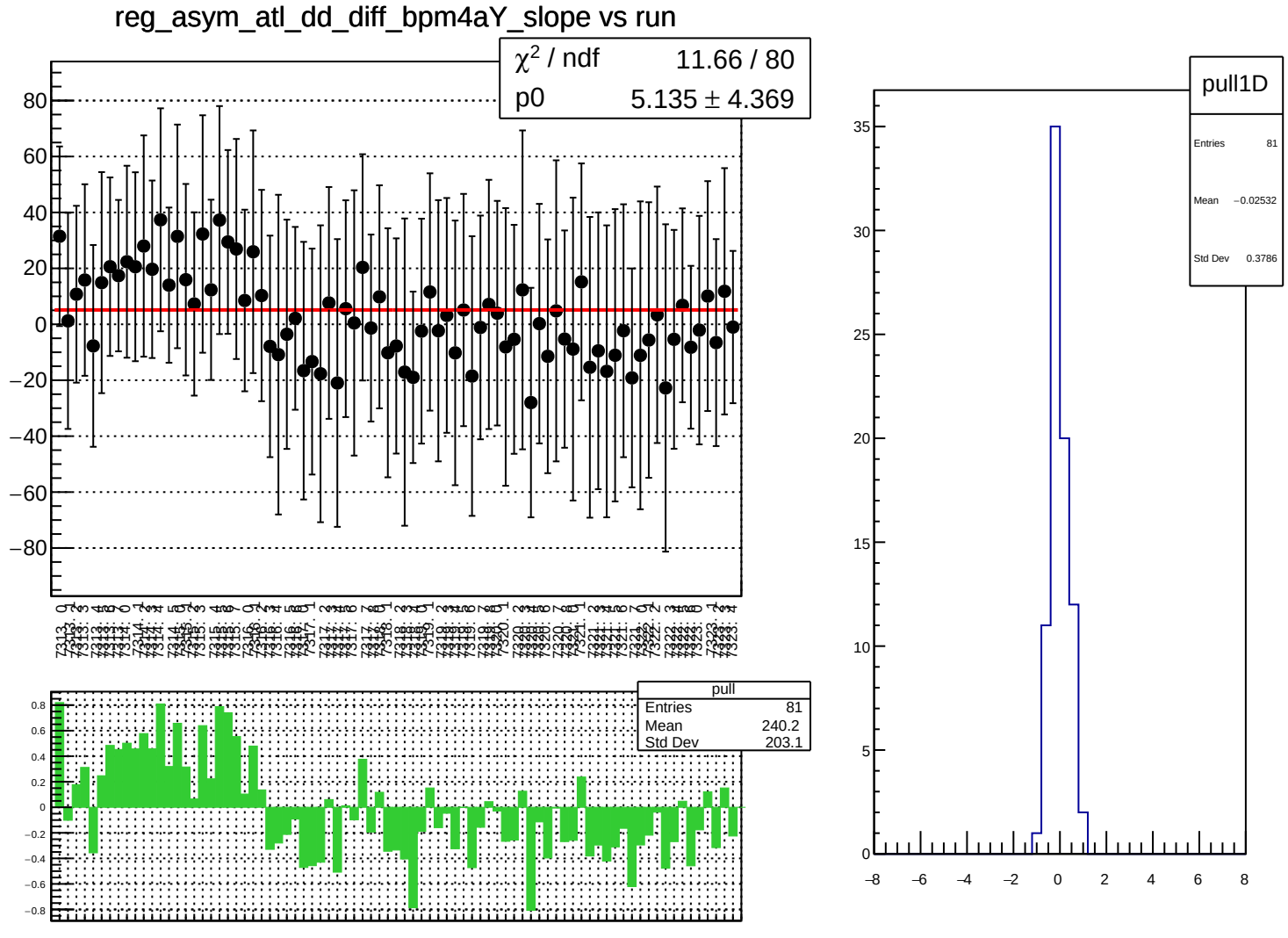

pull1D
Entries 81
Mean −0.02995
Std Dev 0.4927
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

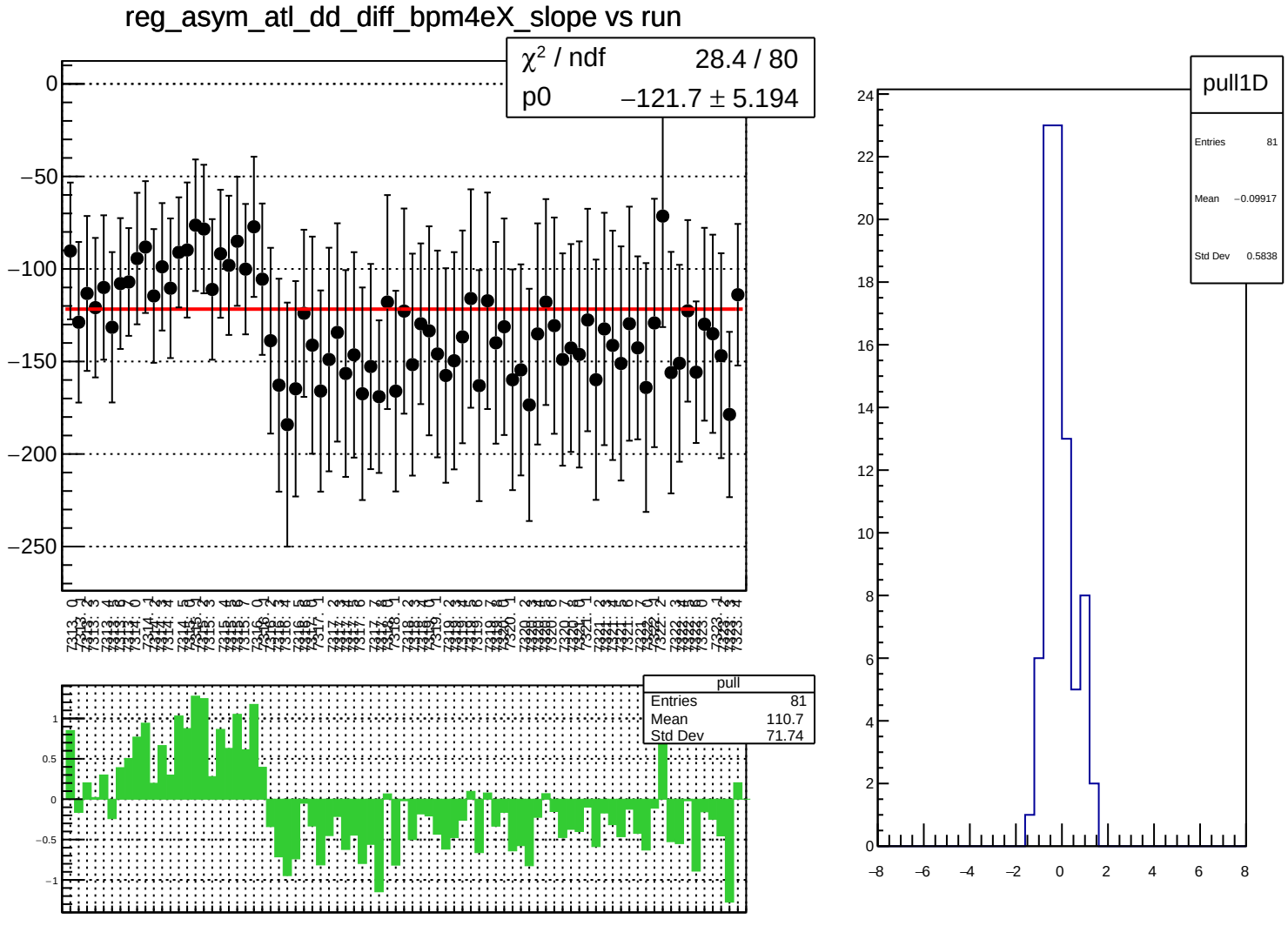

reg_asym_atl_avg_diff_bpm12X_slope vs run
χ² / ndf 90.2 / 80
p0 −111.6 ± 0.2242
pull
Entries 81
Mean 2125
Std Dev 2085

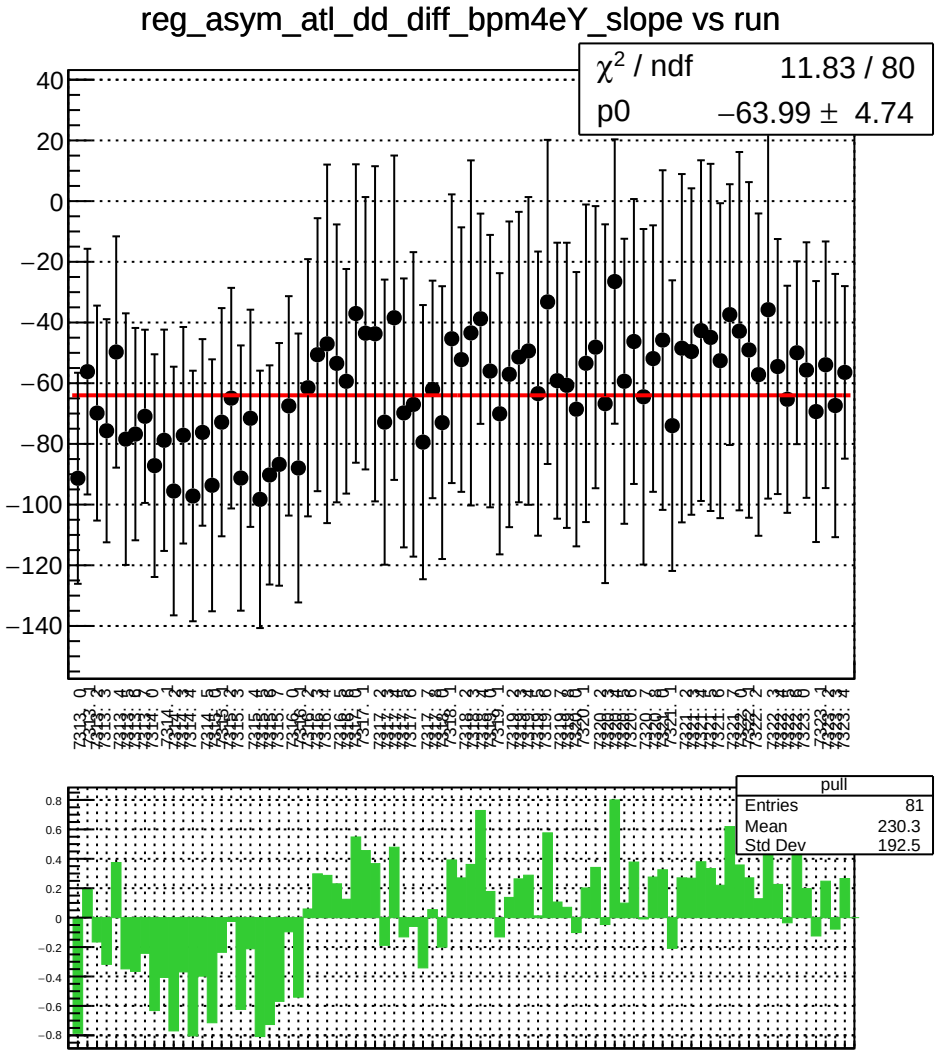

pull1D
Entries 81
Mean 0.009687
Std Dev 1.055

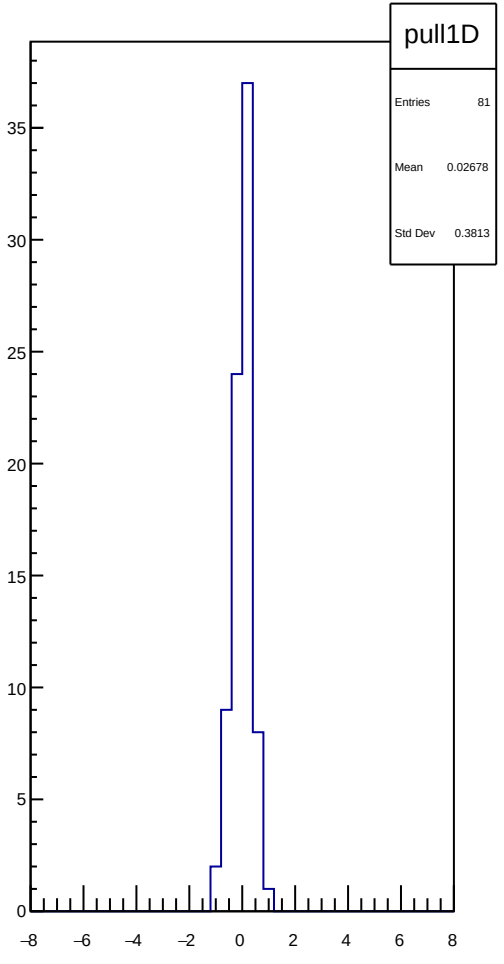

reg_asym_atl_dd_diff_bpm1X_slope vs run
χ² / ndf 27.95 / 80
p0 166.5 ± 5.221
pull
Entries 81
Mean 111.2
Std Dev 72.21

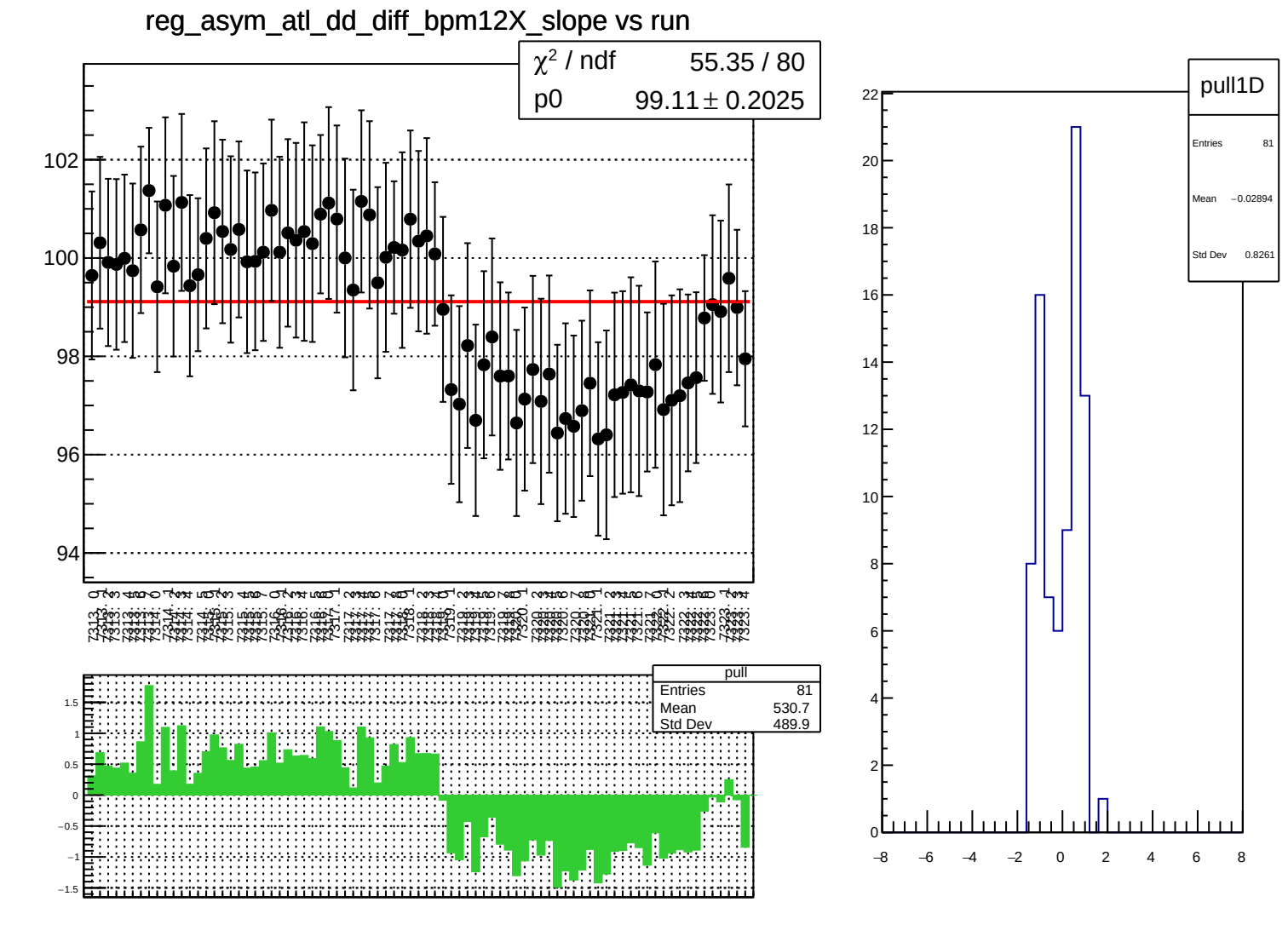

pull1D
Entries 81
Mean 0.09726
Std Dev 0.5794

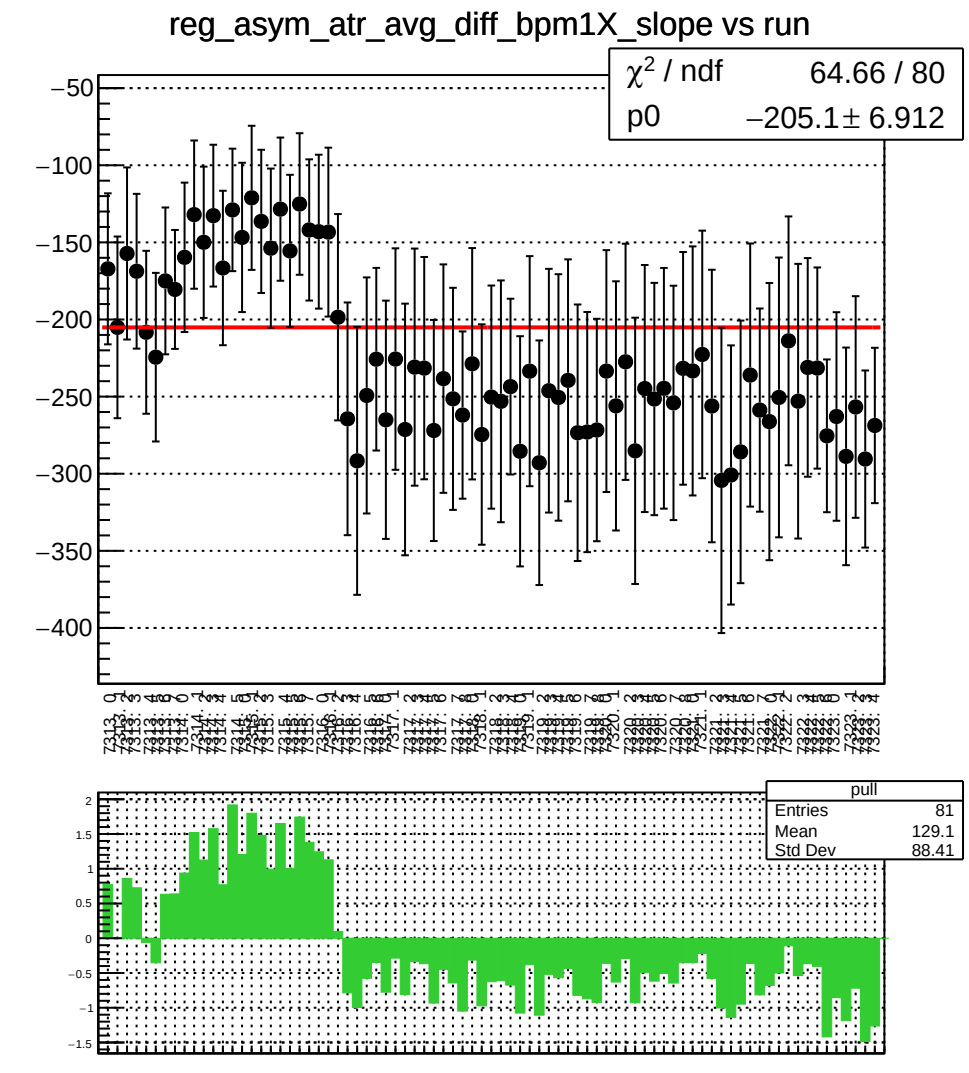

reg_asym_atl_dd_diff_bpm4aY_slope vs run
χ² / ndf 11.66 / 80
p0 5.135 ± 4.369
pull
Entries 81
Mean 240.2
Std Dev 203.1
pull1D
Entries 81
Mean −0.02532
Std Dev 0.3786

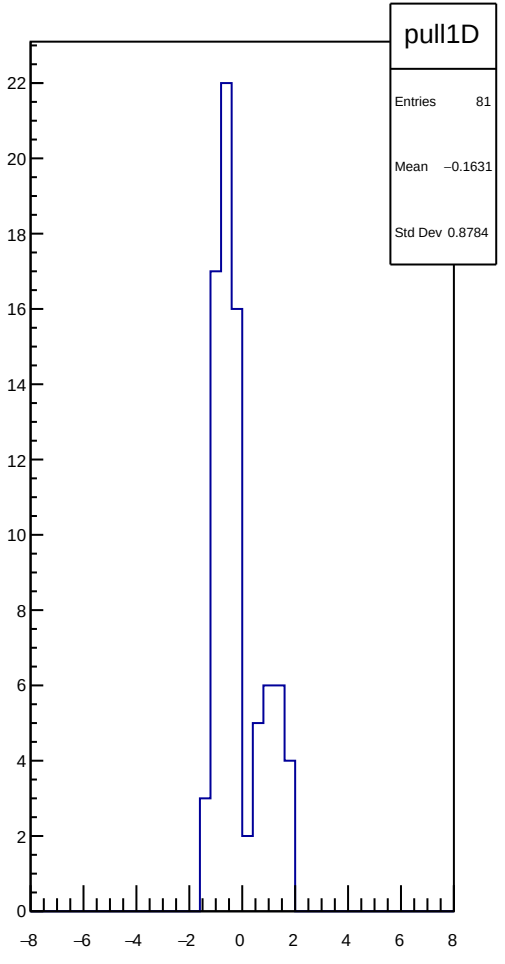

reg_asym_atl_dd_diff_bpm4eX_slope vs run
χ² / ndf 28.4 / 80
p0 −121.7 ± 5.194
pull
Entries 81
Mean 110.7
Std Dev 71.74
pull1D
Entries 81
Mean −0.09917
Std Dev 0.5838

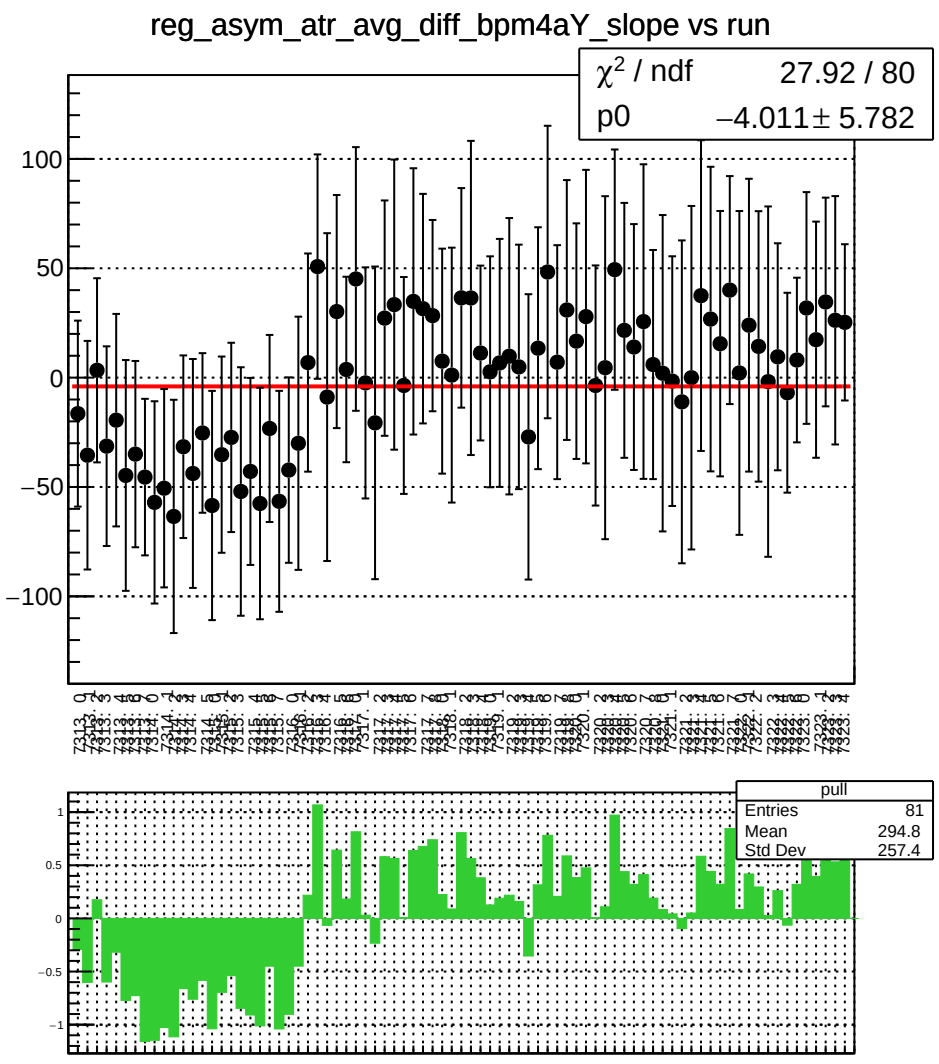

reg_asym_atl_dd_diff_bpm4eY_slope vs run
χ² / ndf 11.83 / 80
p0 −63.99 ± 4.74
pull
Entries 81
Mean 230.3
Std Dev 192.5

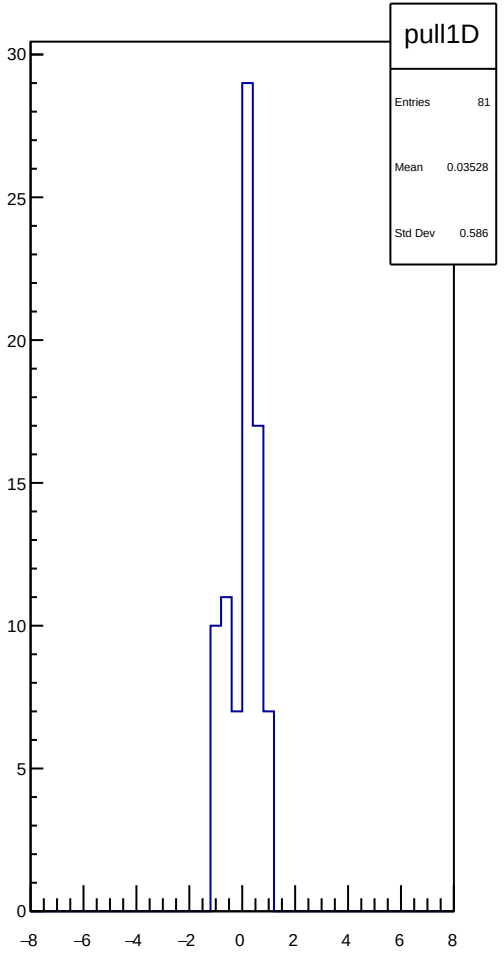

pull1D
Entries 81
Mean 0.02678
Std Dev 0.3813

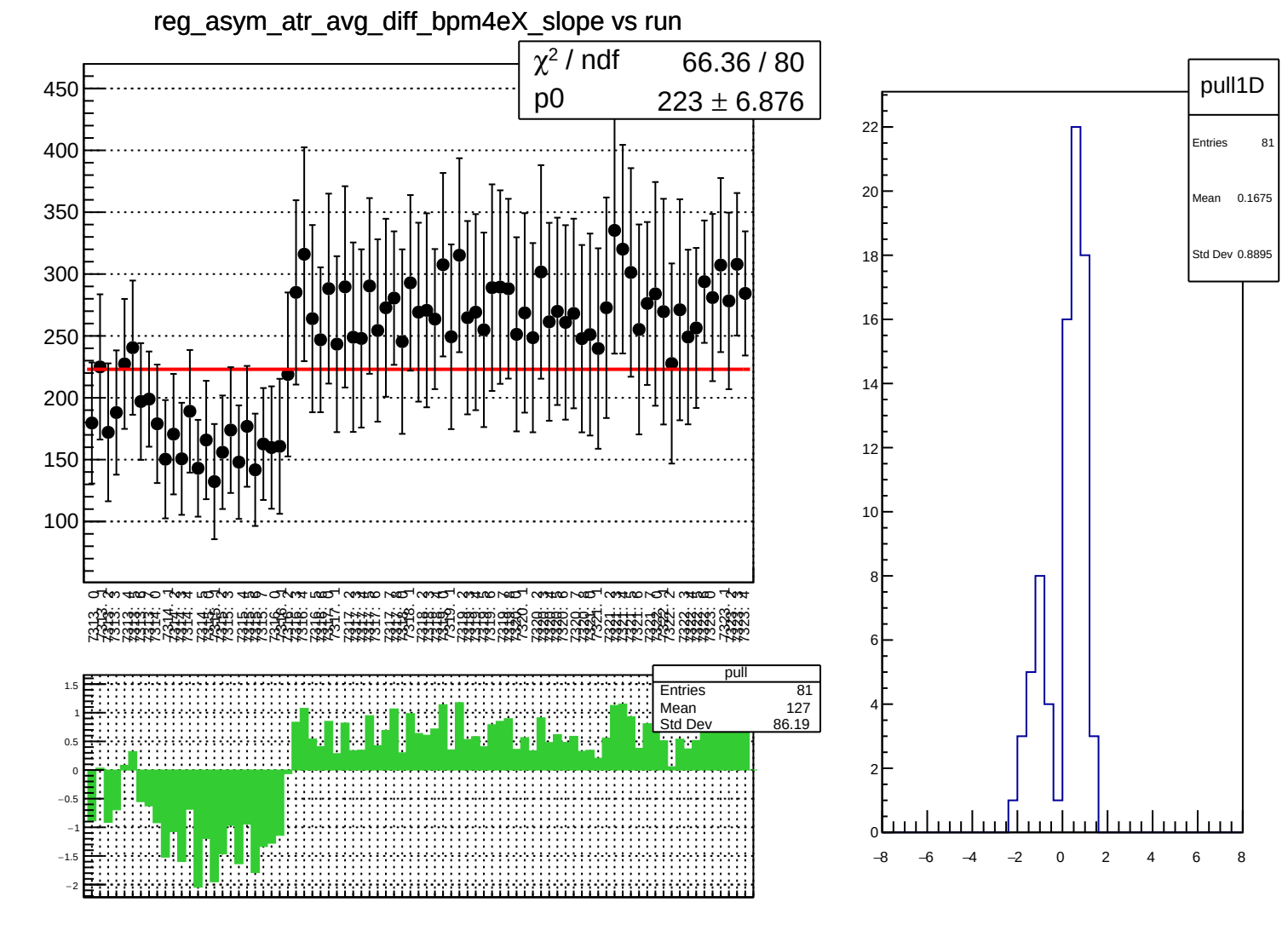

reg_asym_atl_dd_diff_bpm12X_slope vs run
χ² / ndf 55.35 / 80
p0 99.11 ± 0.2025
pull
Entries 81
Mean 530.7
Std Dev 489.9
pull1D
Entries 81
Mean −0.02894
Std Dev 0.8261

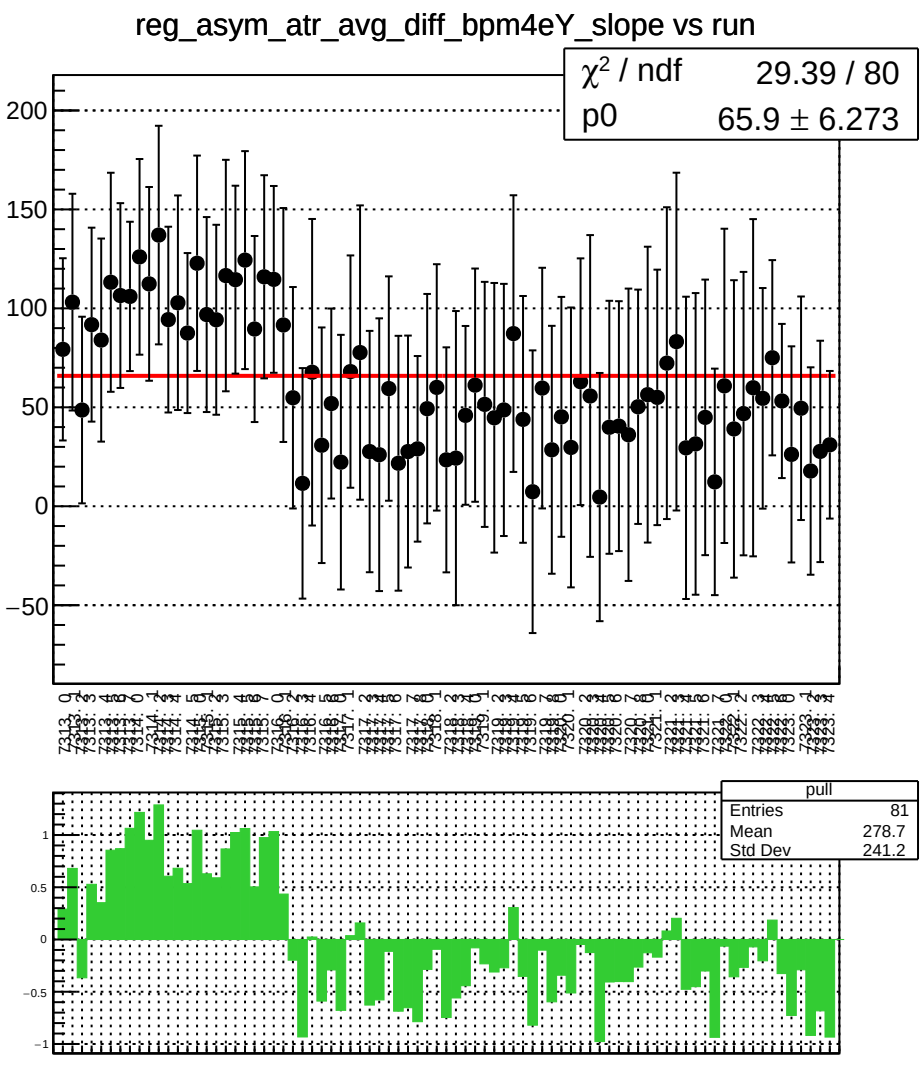

reg_asym_atr_avg_diff_bpm1X_slope vs run
χ² / ndf 64.66 / 80
p0 −205.1 ± 6.912
pull
Entries 81
Mean 129.1
Std Dev 88.41

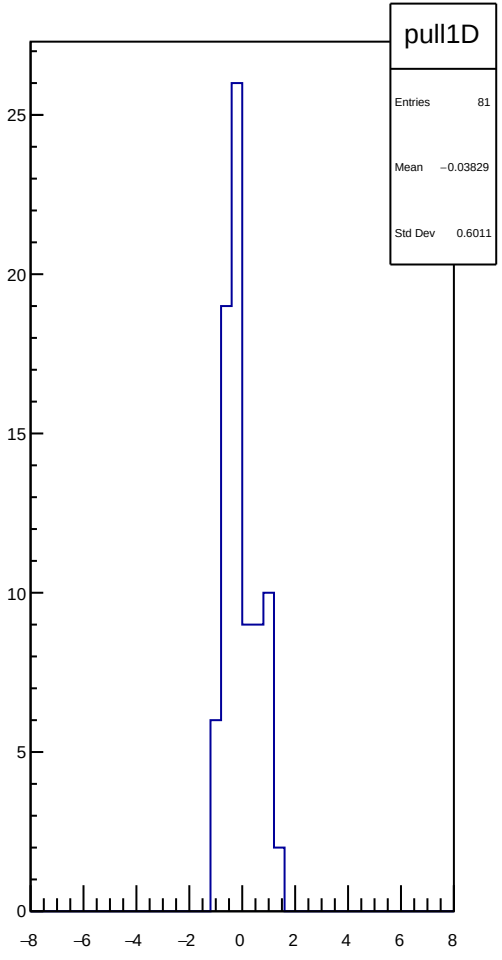

pull1D
Entries 81
Mean −0.1631
Std Dev 0.8784

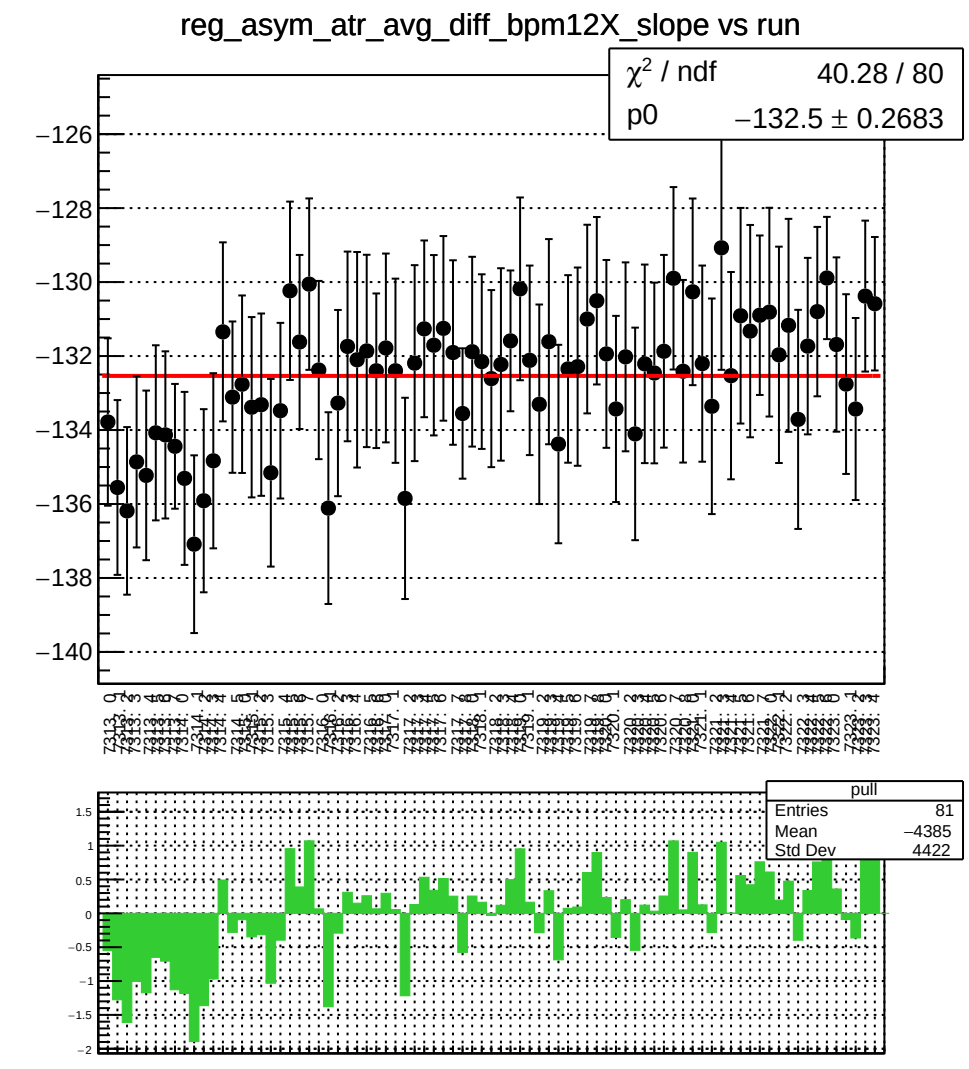

reg_asym_atr_avg_diff_bpm4aY_slope vs run
χ² / ndf 27.92 / 80
p0 −4.011 ± 5.782
pull
Entries 81
Mean 294.8
Std Dev 257.4

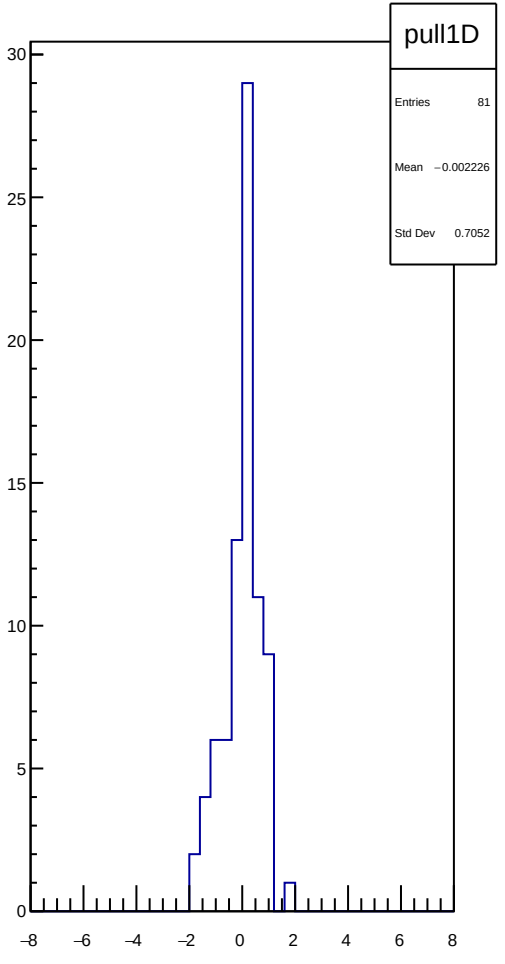

pull1D
Entries 81
Mean 0.03528
Std Dev 0.586

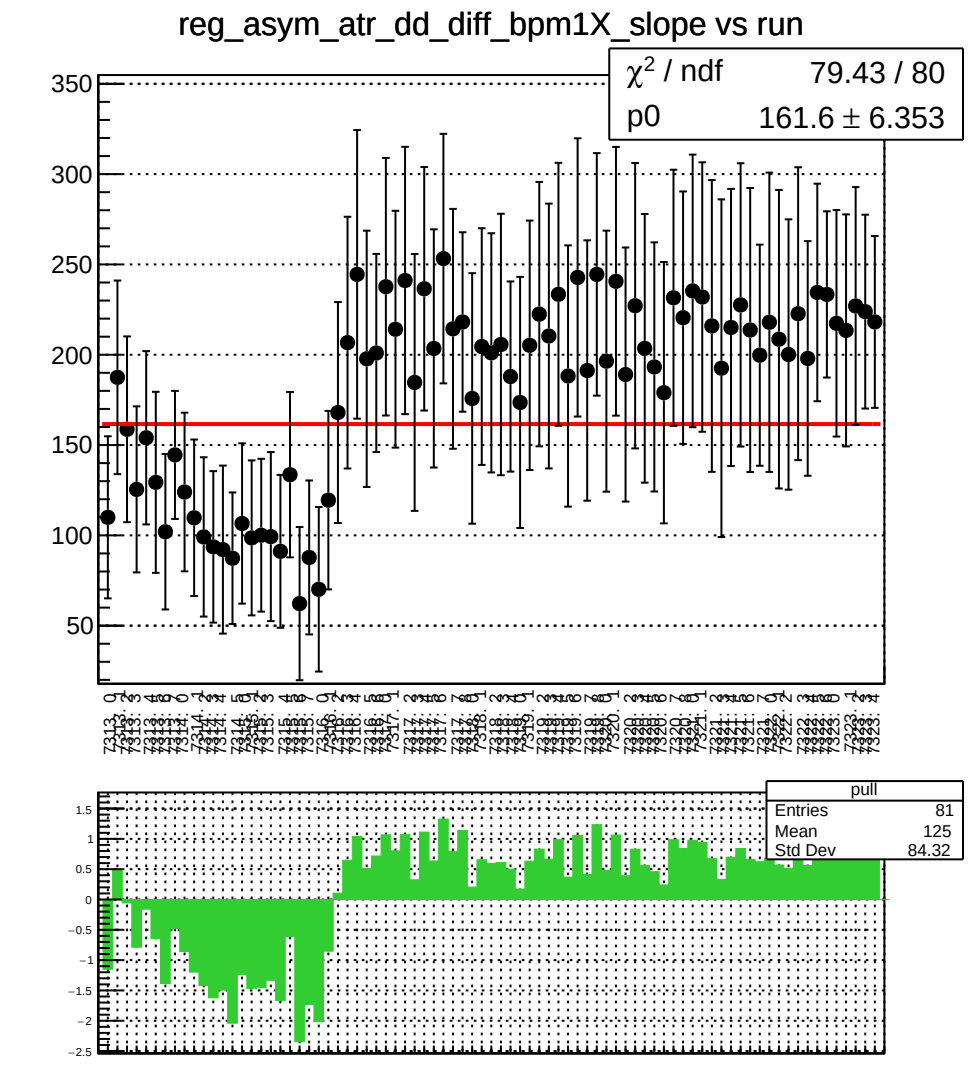

reg_asym_atr_avg_diff_bpm4eX_slope vs run
χ² / ndf 66.36 / 80
p0 223 ± 6.876
pull
Entries 81
Mean 127
Std Dev 86.19
pull1D
Entries 81
Mean 0.1675
Std Dev 0.8895

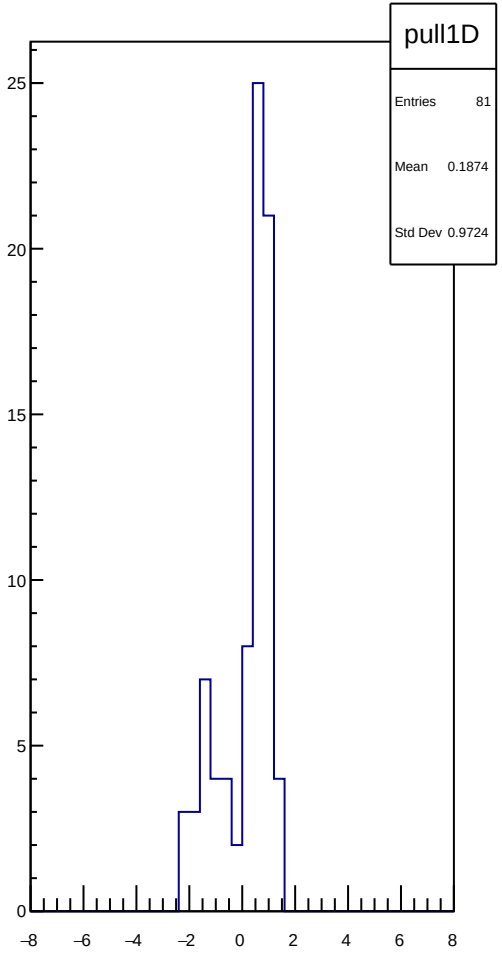

reg_asym_atr_avg_diff_bpm4eY_slope vs run
χ² / ndf 29.39 / 80
p0 65.9 ± 6.273
pull
Entries 81
Mean 278.7
Std Dev 241.2

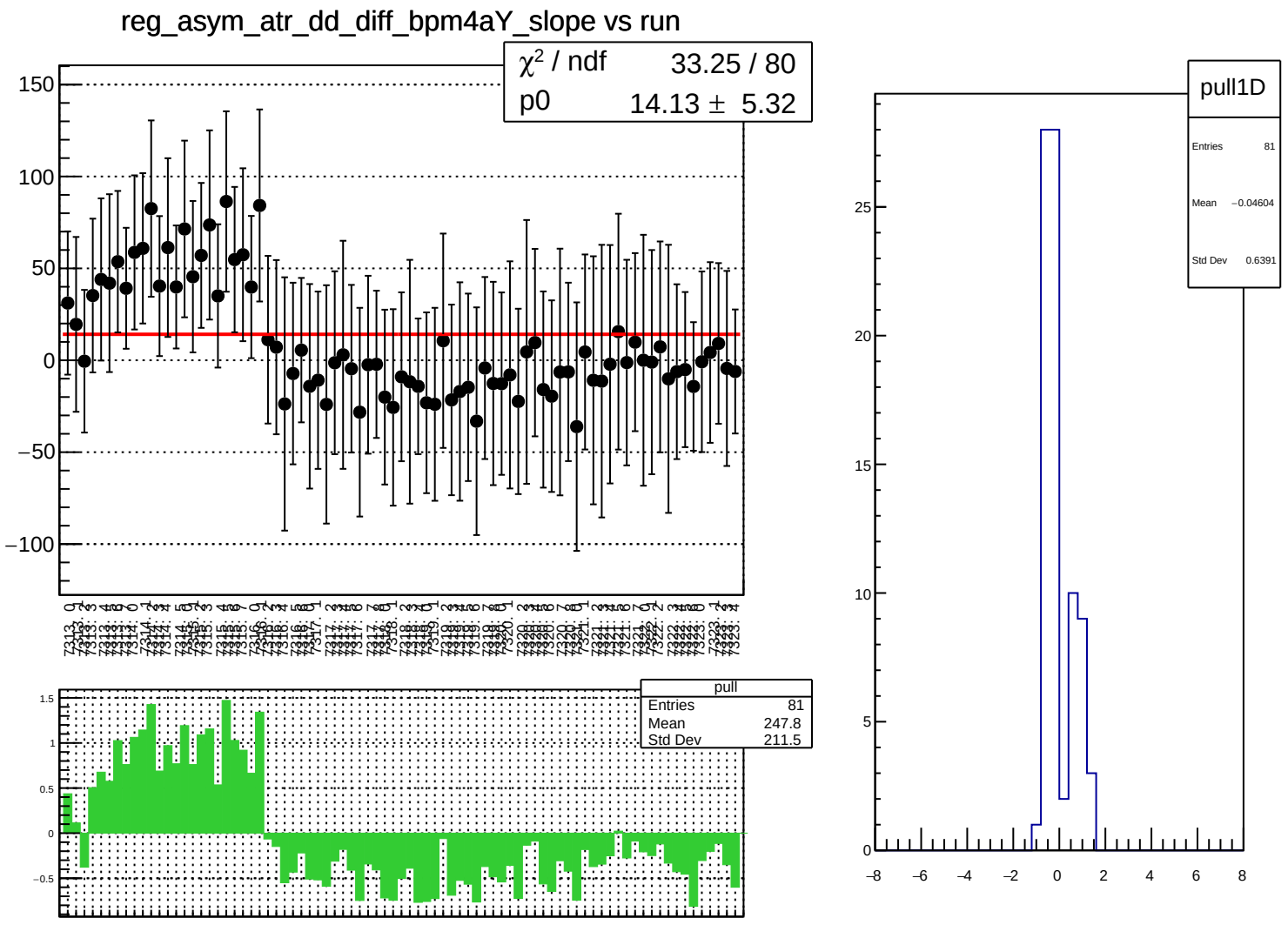

pull1D
Entries 81
Mean −0.03829
Std Dev 0.6011

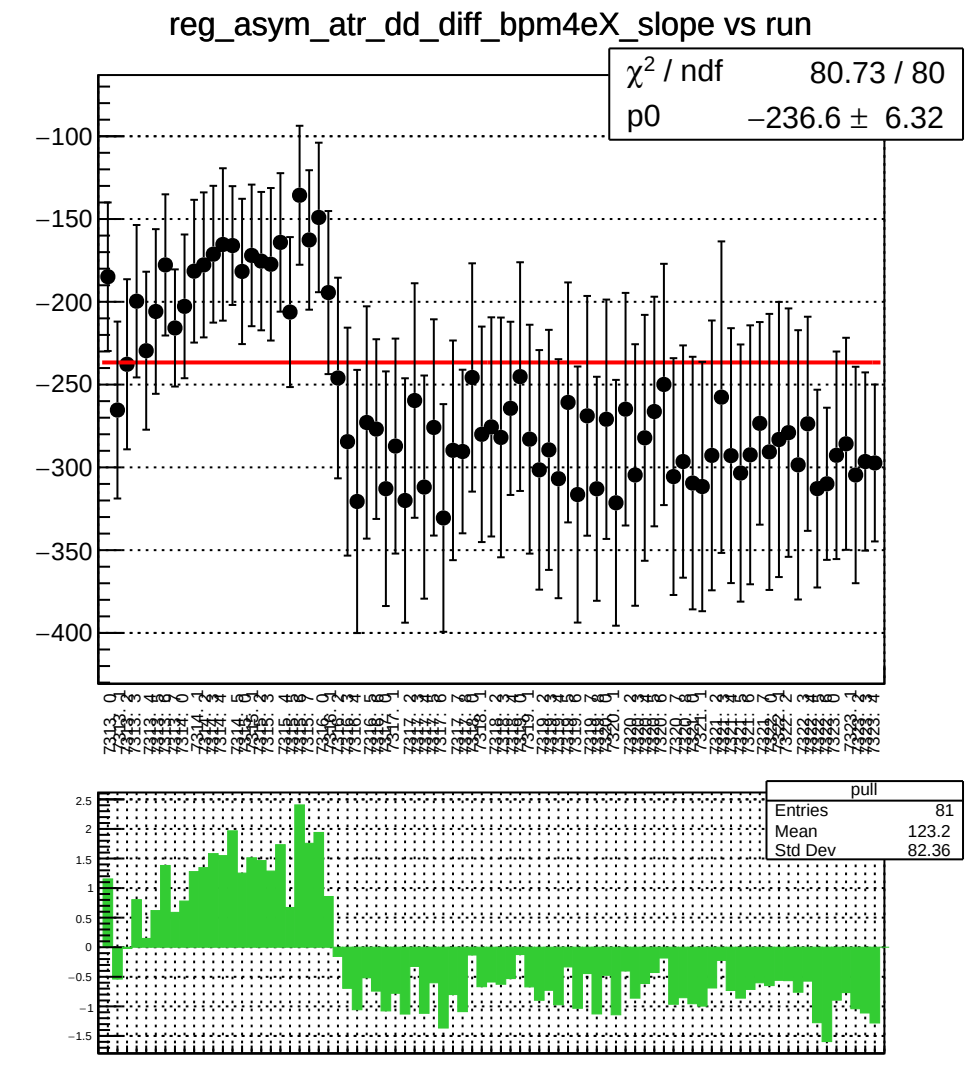

reg_asym_atr_avg_diff_bpm12X_slope vs run
χ² / ndf 40.28 / 80
p0 −132.5 ± 0.2683
pull
Entries 81
Mean −4385
Std Dev 4422

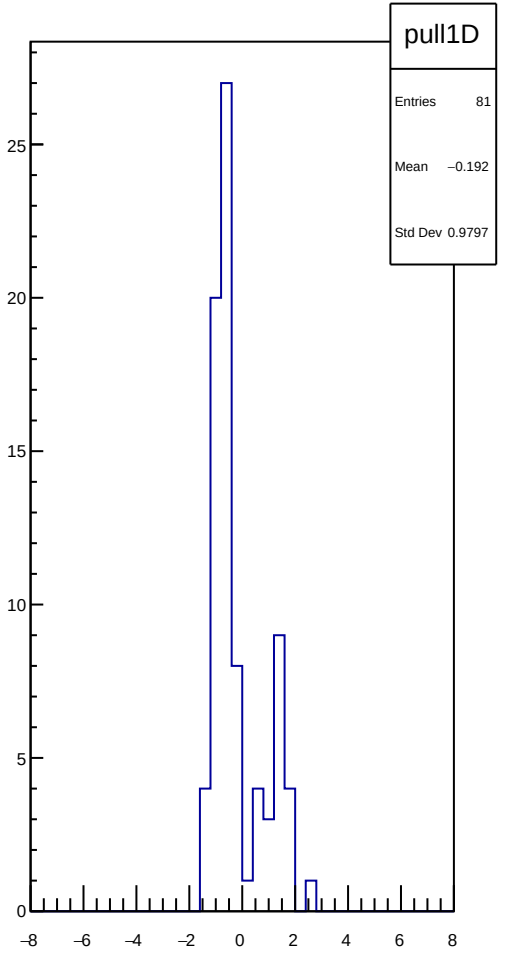

pull1D
Entries 81
Mean −0.002226
Std Dev 0.7052

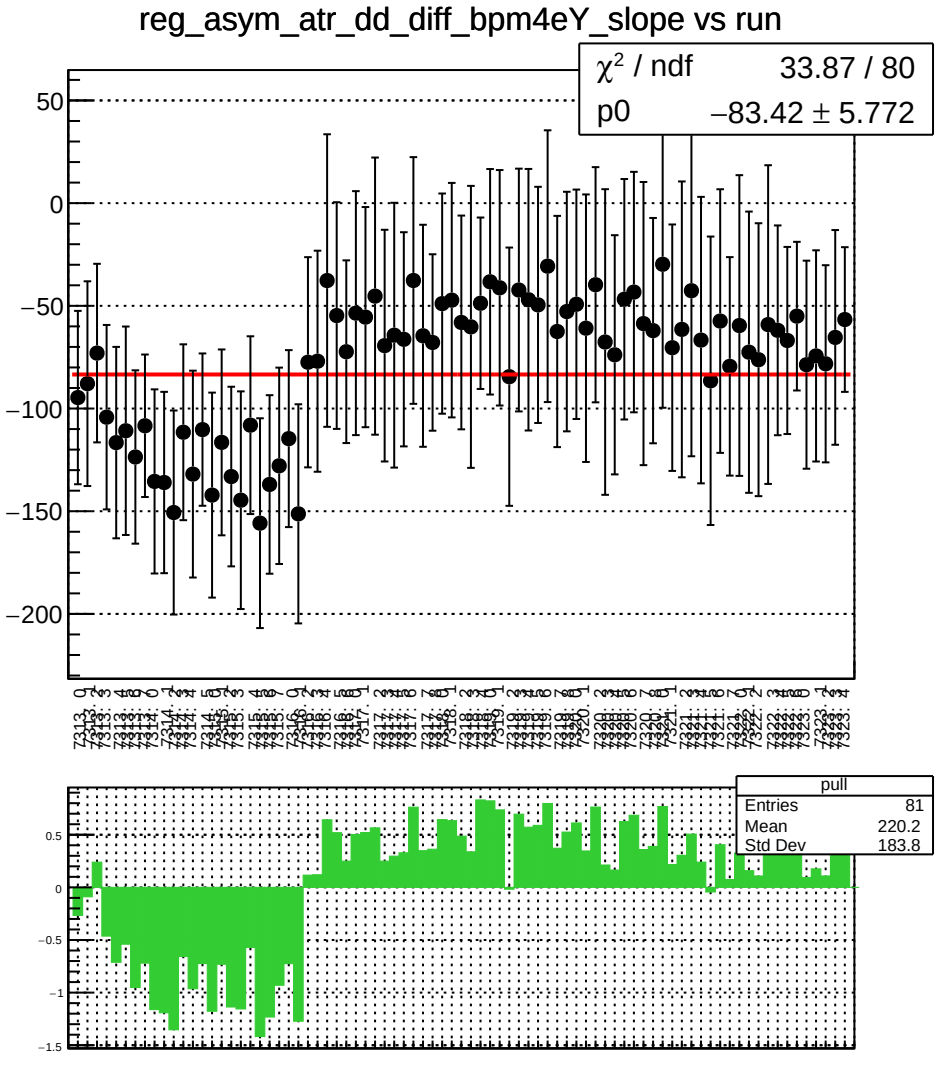

reg_asym_atr_dd_diff_bpm1X_slope vs run
χ² / ndf 79.43 / 80
p0 161.6 ± 6.353
pull
Entries 81
Mean 125
Std Dev 84.32

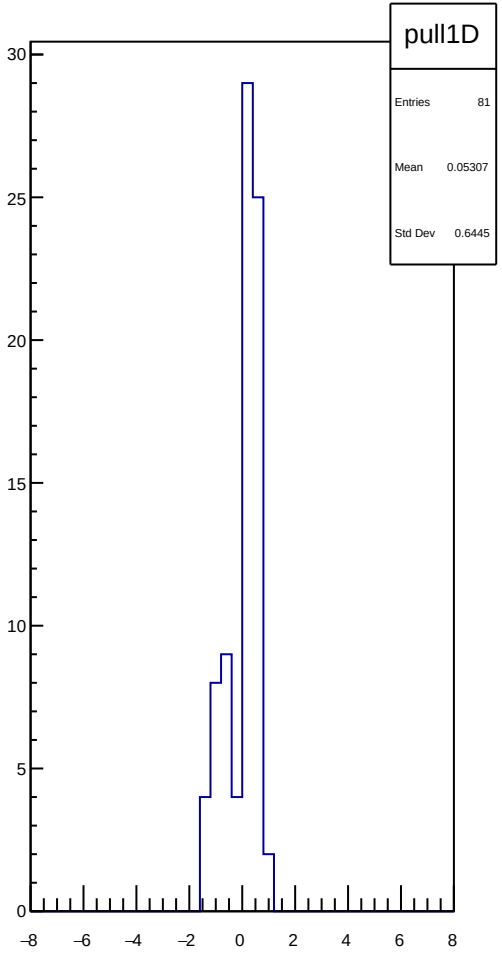

pull1D
Entries 81
Mean 0.1874
Std Dev 0.9724

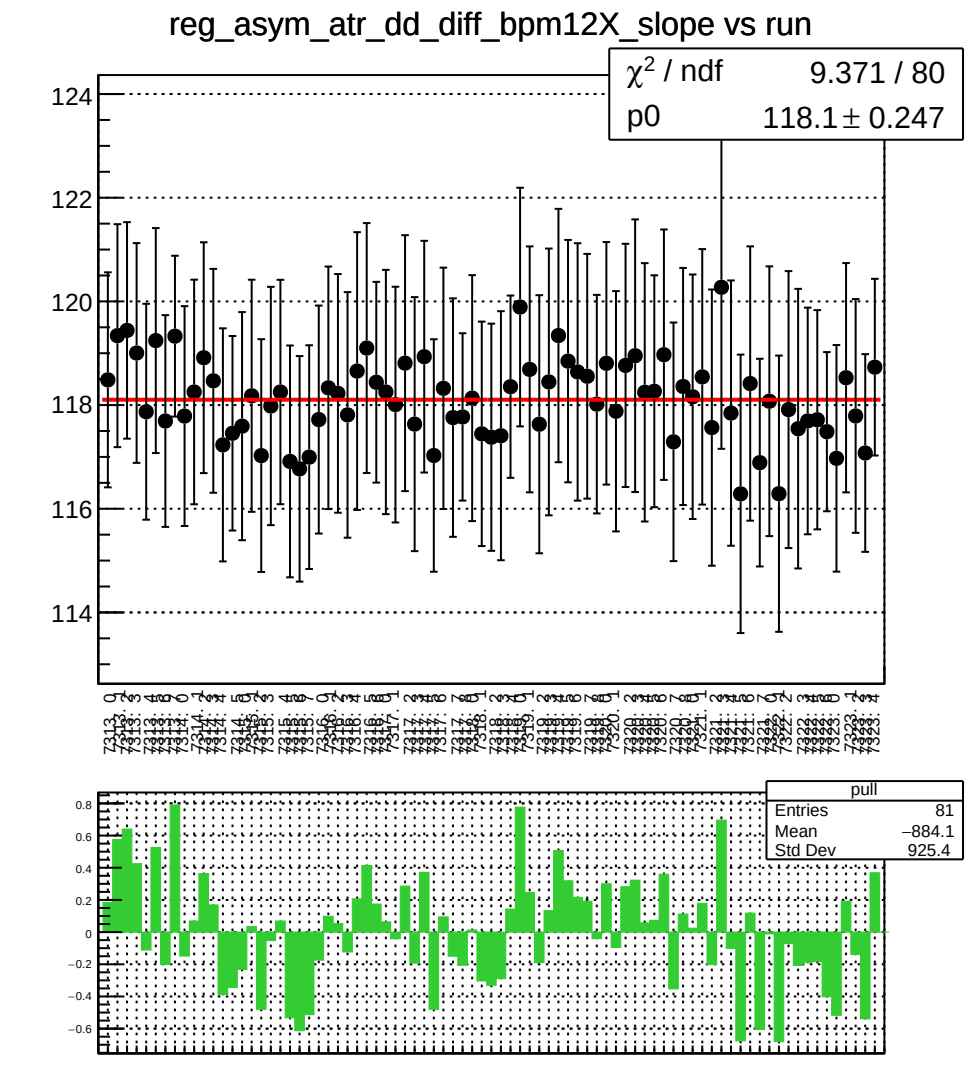

reg_asym_atr_dd_diff_bpm4aY_slope vs run
χ² / ndf 33.25 / 80
p0 14.13 ± 5.32
150
100
50
0
−50
−100
pull
Entries 81
Mean 247.8
Std Dev 211.5
1.5
1
0.5
0
−0.5
pull1D
Entries 81
Mean −0.04604
Std Dev 0.6391
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

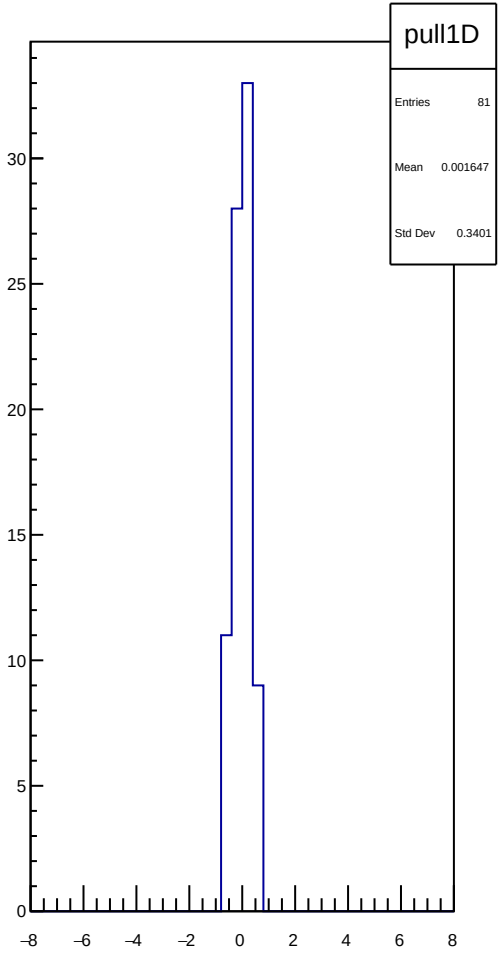

reg_asym_atr_dd_diff_bpm4eX_slope vs run
χ² / ndf 80.73 / 80
p0 −236.6 ± 6.32
pull
Entries 81
Mean 123.2
Std Dev 82.36

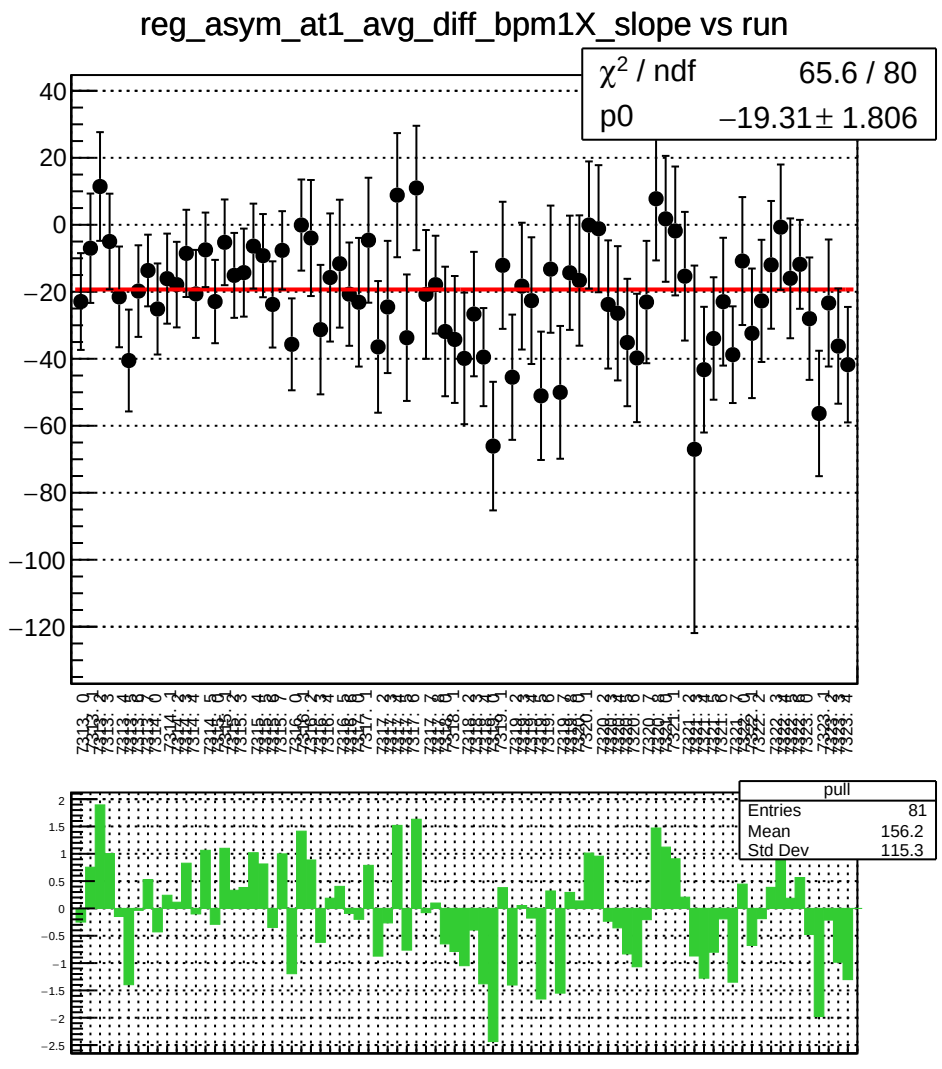

pull1D
Entries 81
Mean −0.192
Std Dev 0.9797

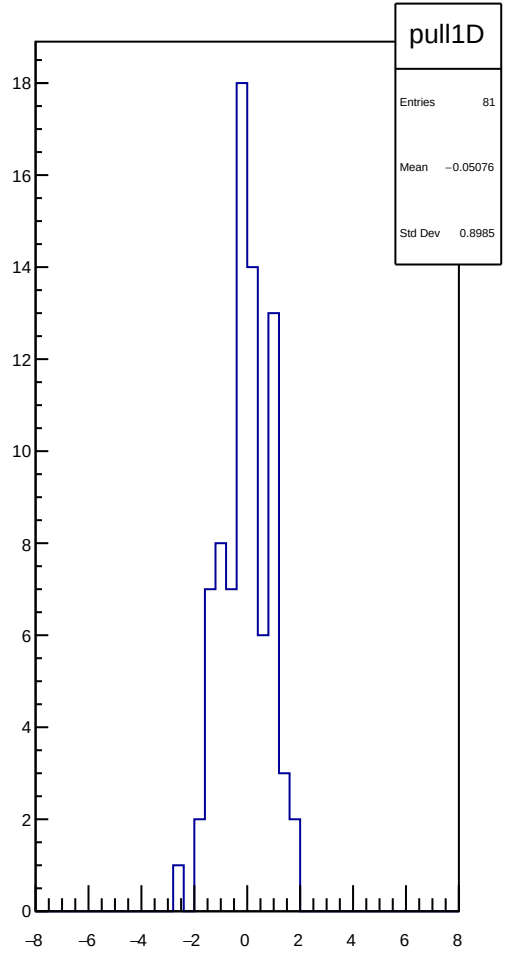

reg_asym_atr_dd_diff_bpm4eY_slope vs run
χ² / ndf 33.87 / 80
p0 −83.42 ± 5.772
pull
Entries 81
Mean 220.2
Std Dev 183.8

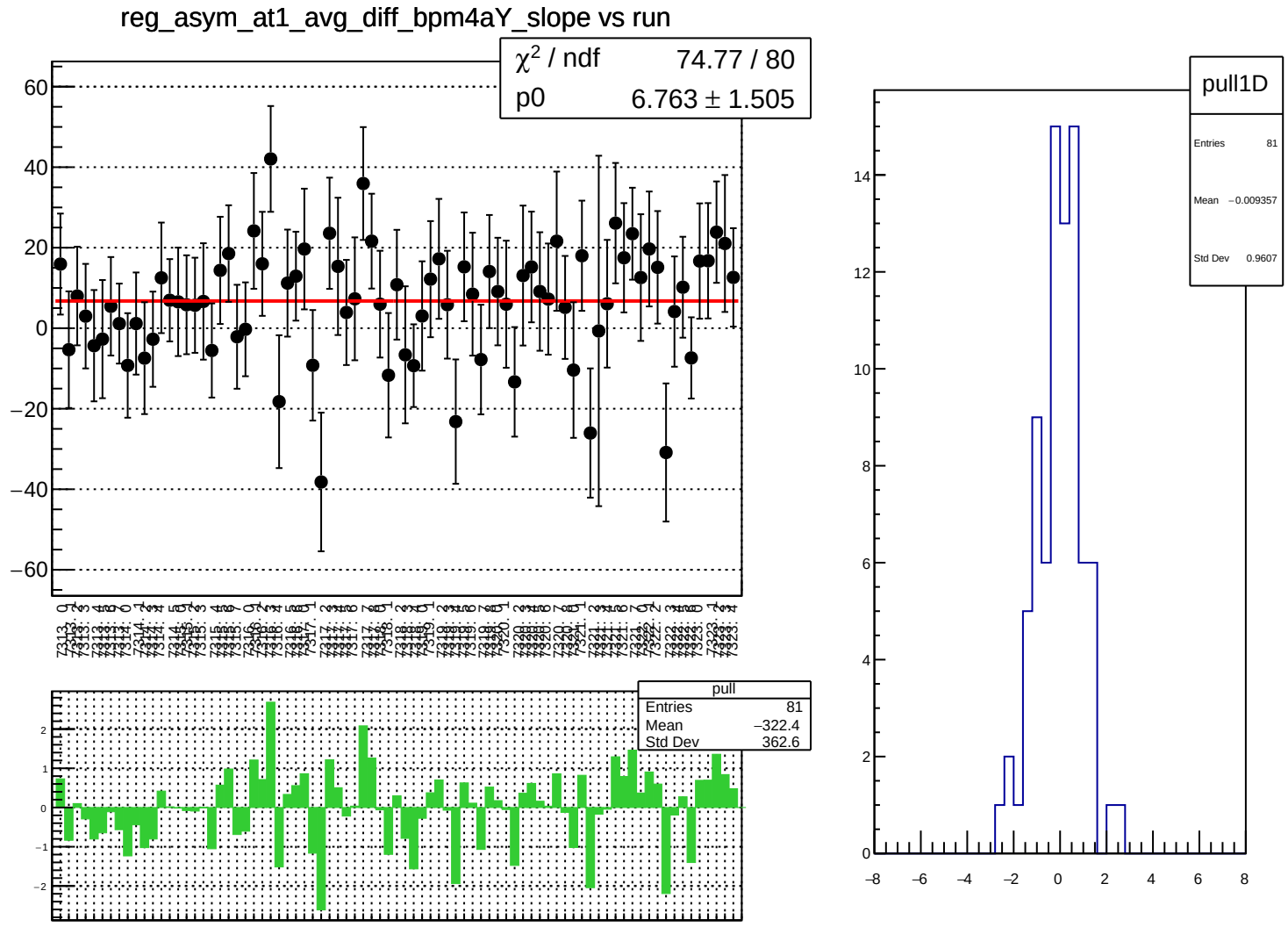

pull1D
Entries 81
Mean 0.05307
Std Dev 0.6445

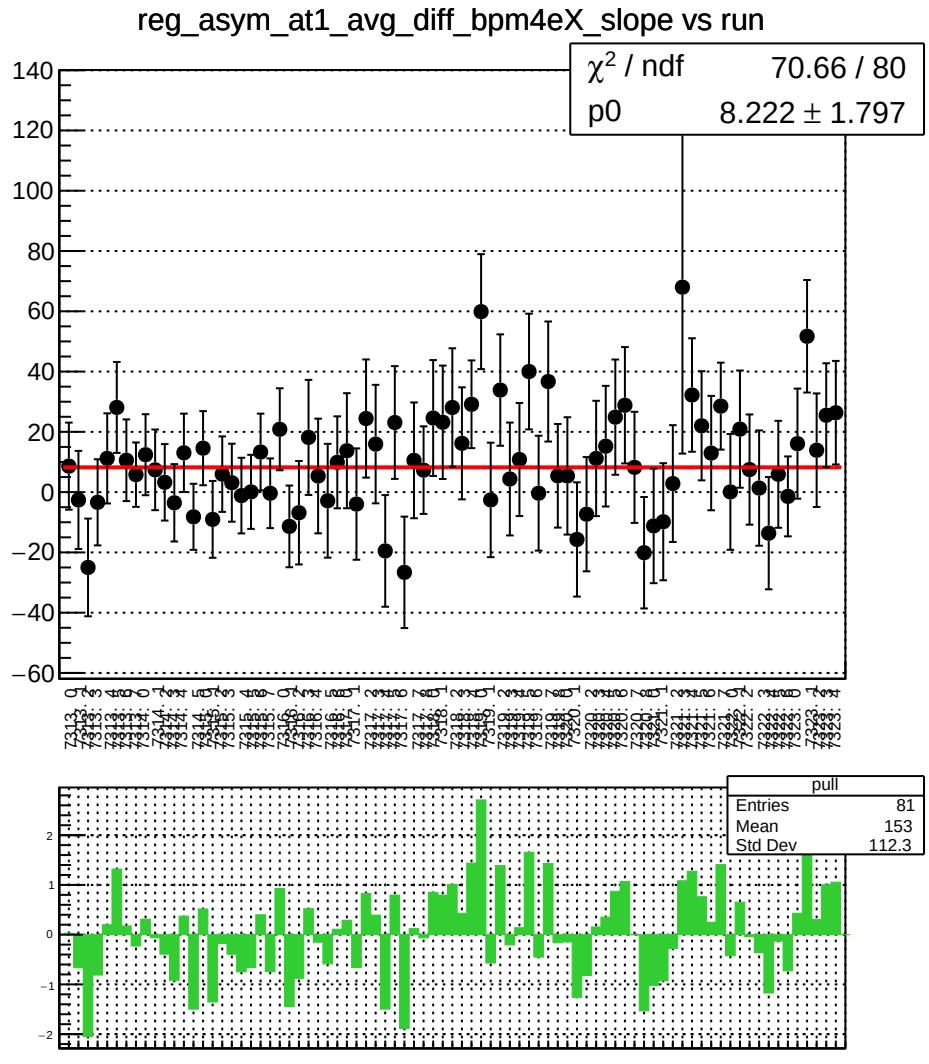

reg_asym_atr_dd_diff_bpm12X_slope vs run
χ² / ndf 9.371 / 80
p0 118.1 ± 0.247
pull
Entries 81
Mean −884.1
Std Dev 925.4

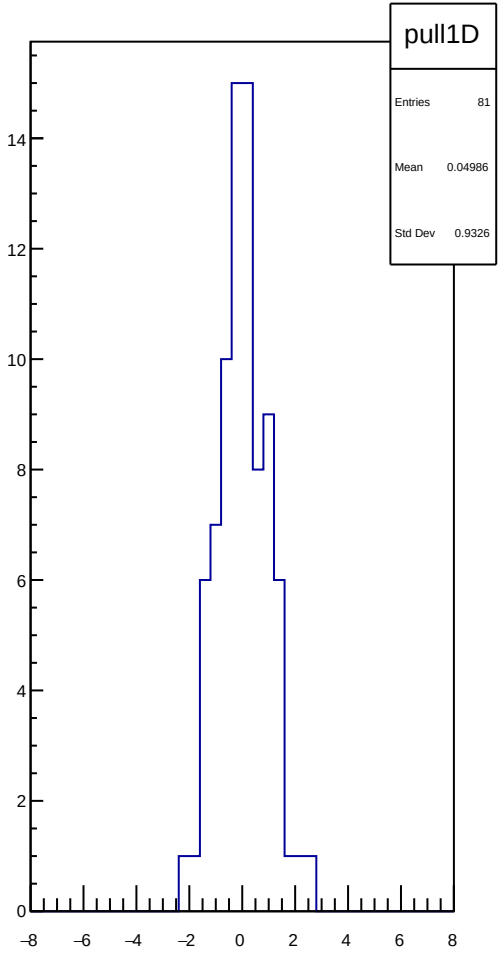

pull1D
Entries 81
Mean 0.001647
Std Dev 0.3401

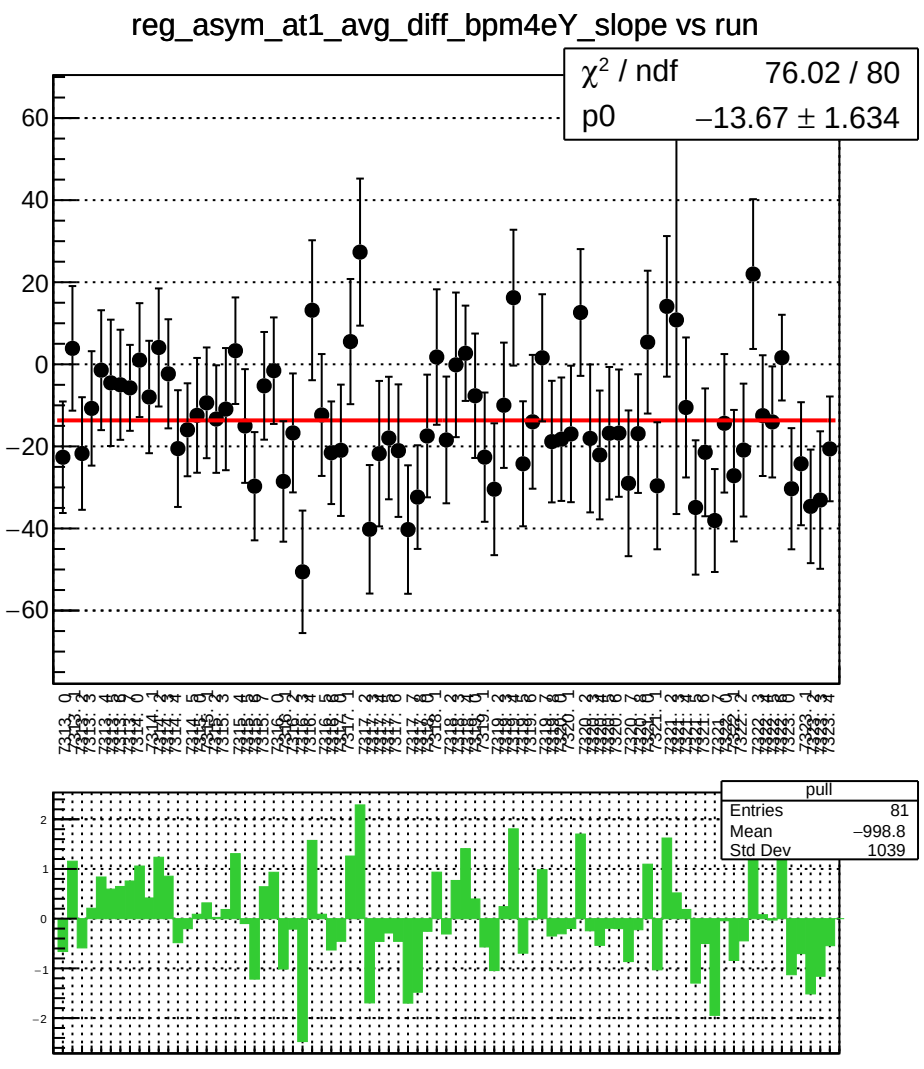

reg_asym_at1_avg_diff_bpm1X_slope vs run
χ² / ndf 65.6 / 80
p0 −19.31 ± 1.806
pull
Entries 81
Mean 156.2
Std Dev 115.3

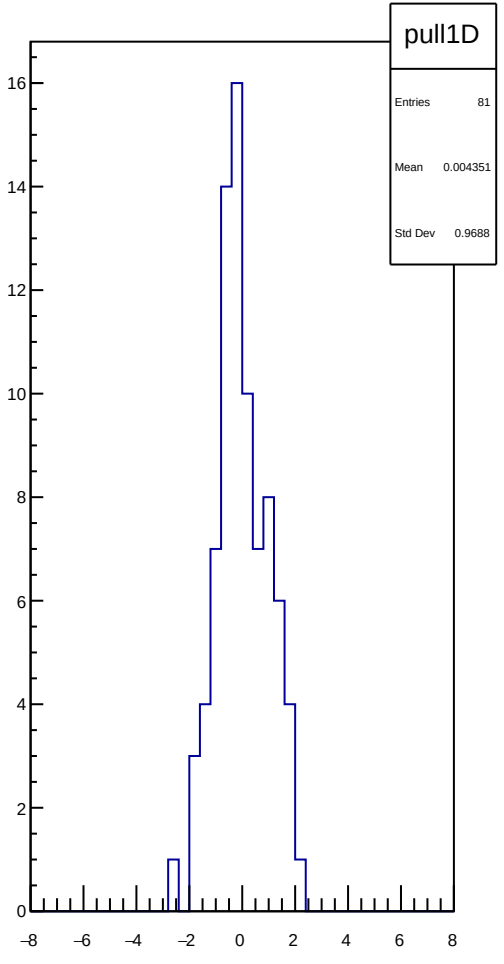

pull1D
Entries 81
Mean −0.05076
Std Dev 0.8985

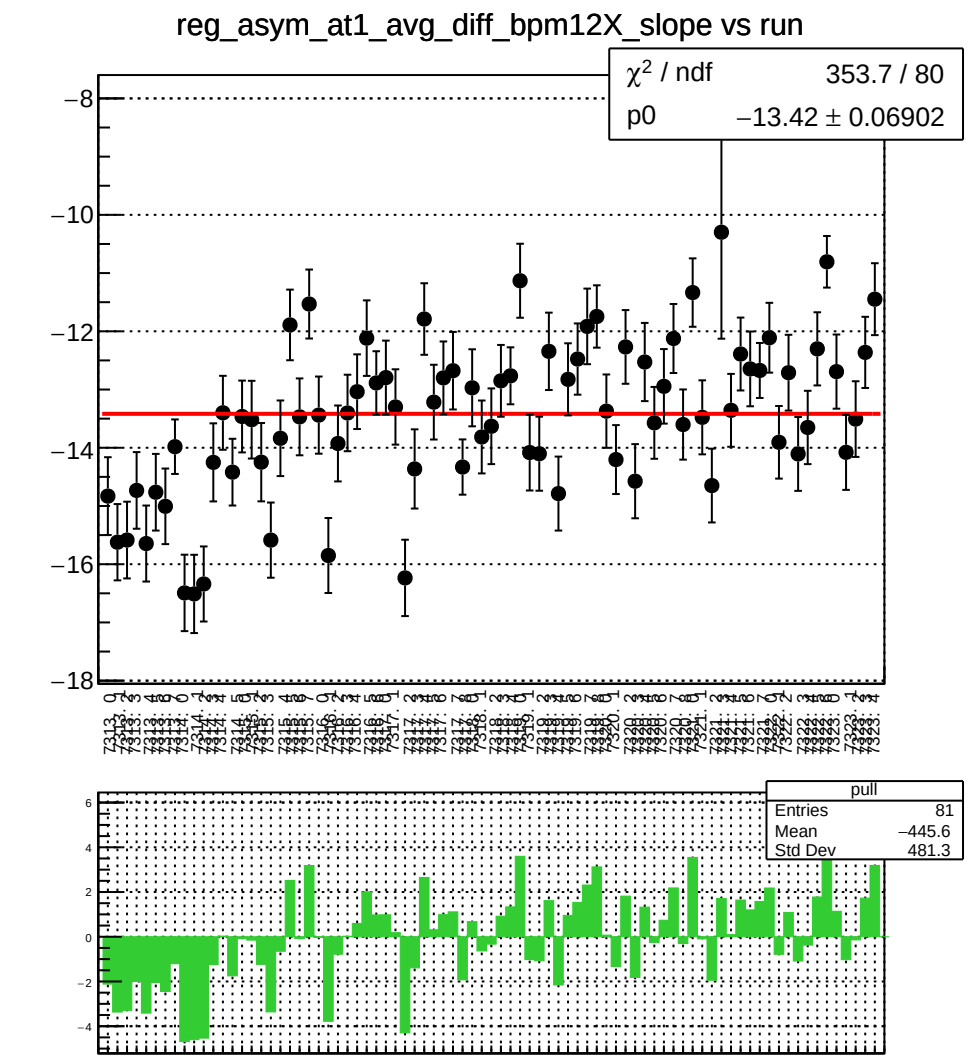

reg_asym_at1_avg_diff_bpm4aY_slope vs run
χ² / ndf 74.77 / 80
p0 6.763 ± 1.505
pull
Entries 81
Mean −322.4
Std Dev 362.6
pull1D
Entries 81
Mean −0.009357
Std Dev 0.9607

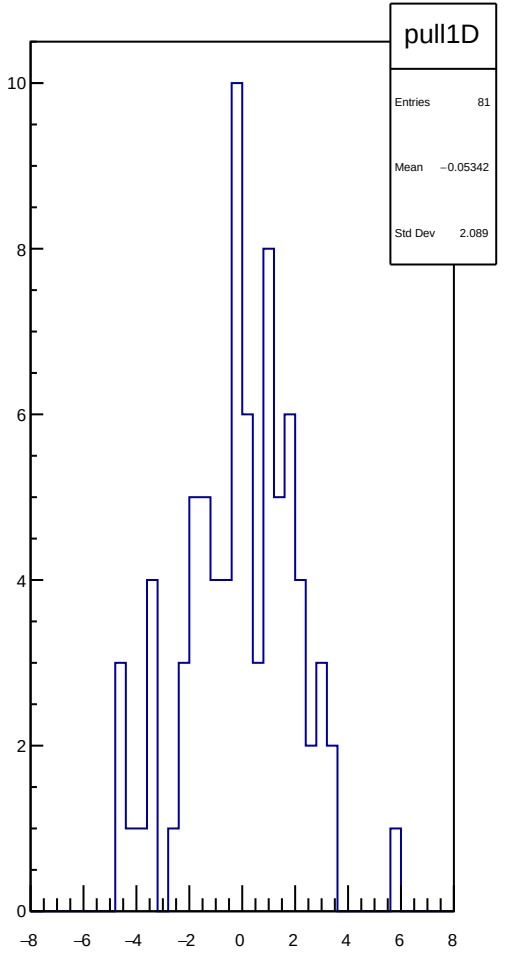

reg_asym_at1_avg_diff_bpm4eX_slope vs run
χ² / ndf 70.66 / 80
p0 8.222 ± 1.797
pull
Entries 81
Mean 153
Std Dev 112.3

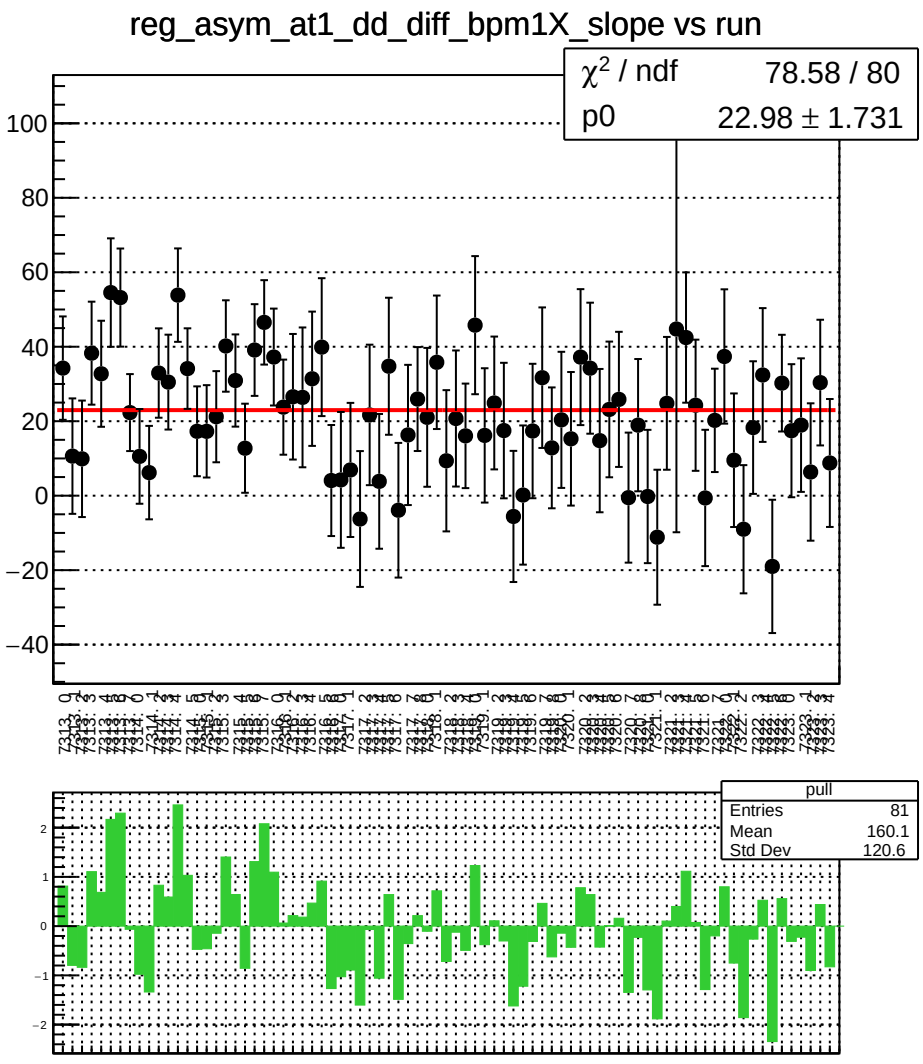

pull1D
Entries 81
Mean 0.04986
Std Dev 0.9326

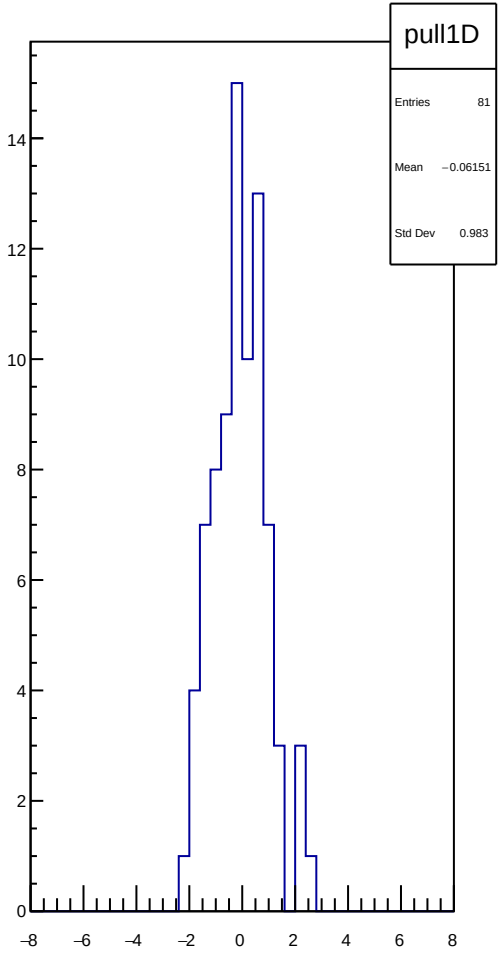

reg_asym_at1_avg_diff_bpm4eY_slope vs run
χ² / ndf 76.02 / 80
p0 −13.67 ± 1.634
pull
Entries 81
Mean −998.8
Std Dev 1039

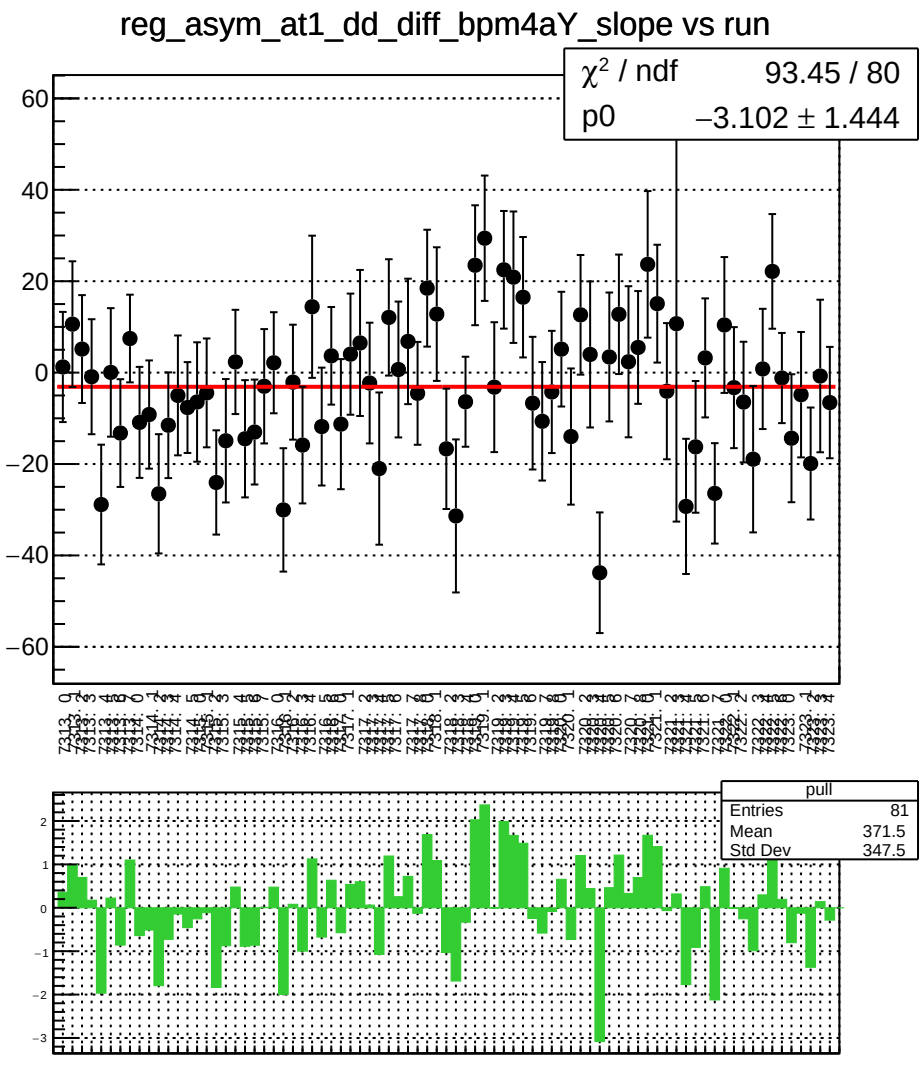

pull1D
Entries 81
Mean 0.004351
Std Dev 0.9688

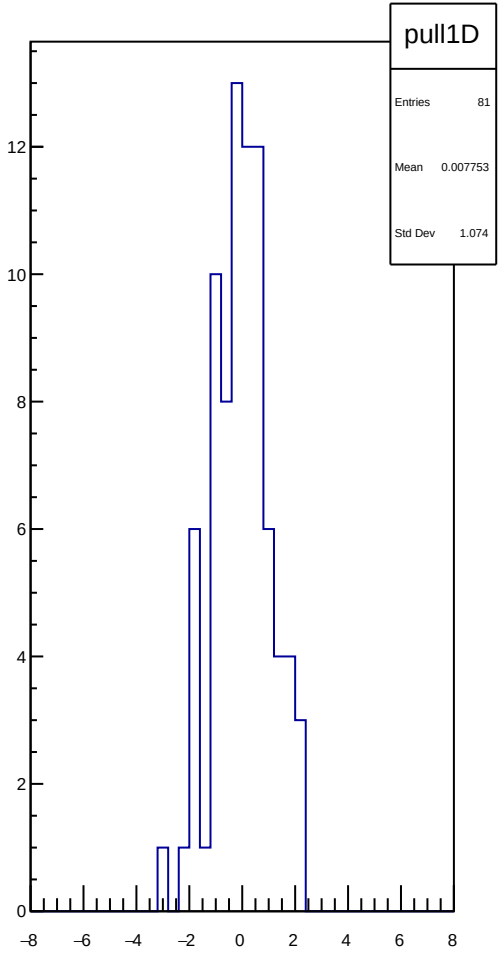

reg_asym_at1_avg_diff_bpm12X_slope vs run
χ² / ndf 353.7 / 80
p0 −13.42 ± 0.06902
pull
Entries 81
Mean −445.6
Std Dev 481.3

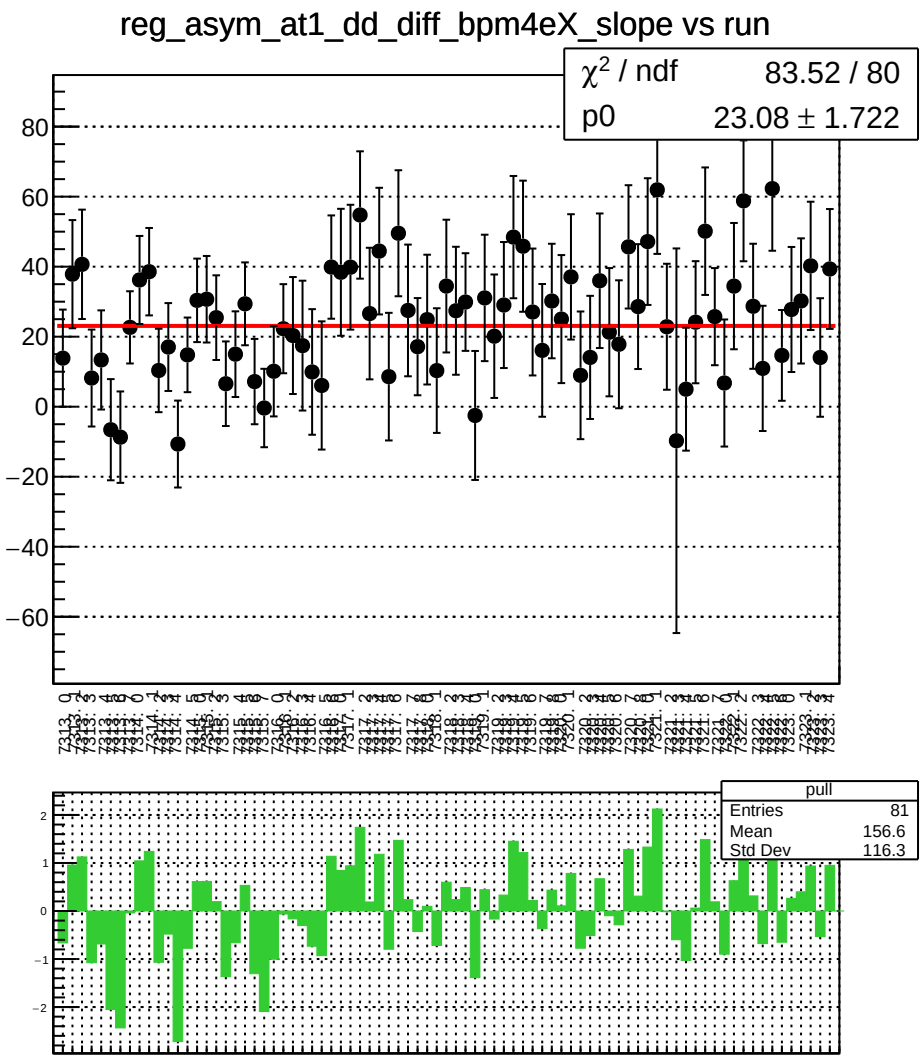

pull1D
Entries 81
Mean −0.05342
Std Dev 2.089

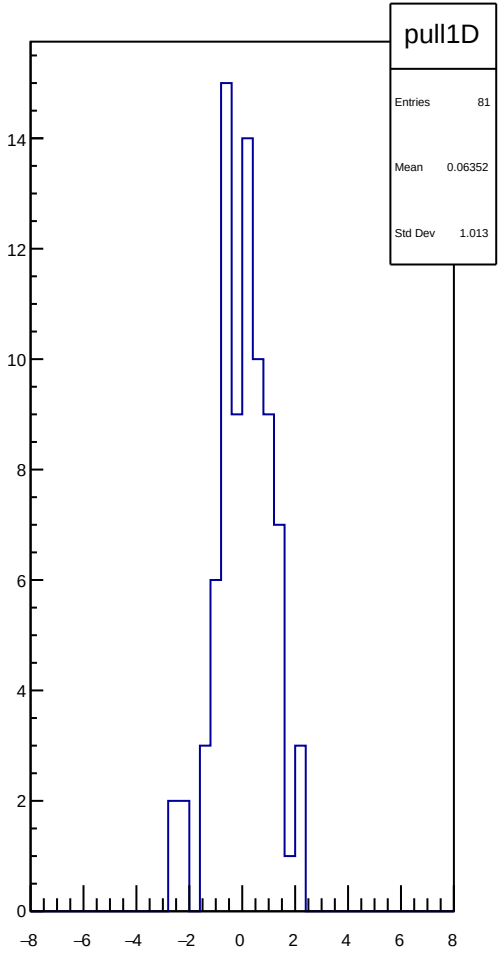

reg_asym_at1_dd_diff_bpm1X_slope vs run
χ² / ndf 78.58 / 80
p0 22.98 ± 1.731
pull
Entries 81
Mean 160.1
Std Dev 120.6

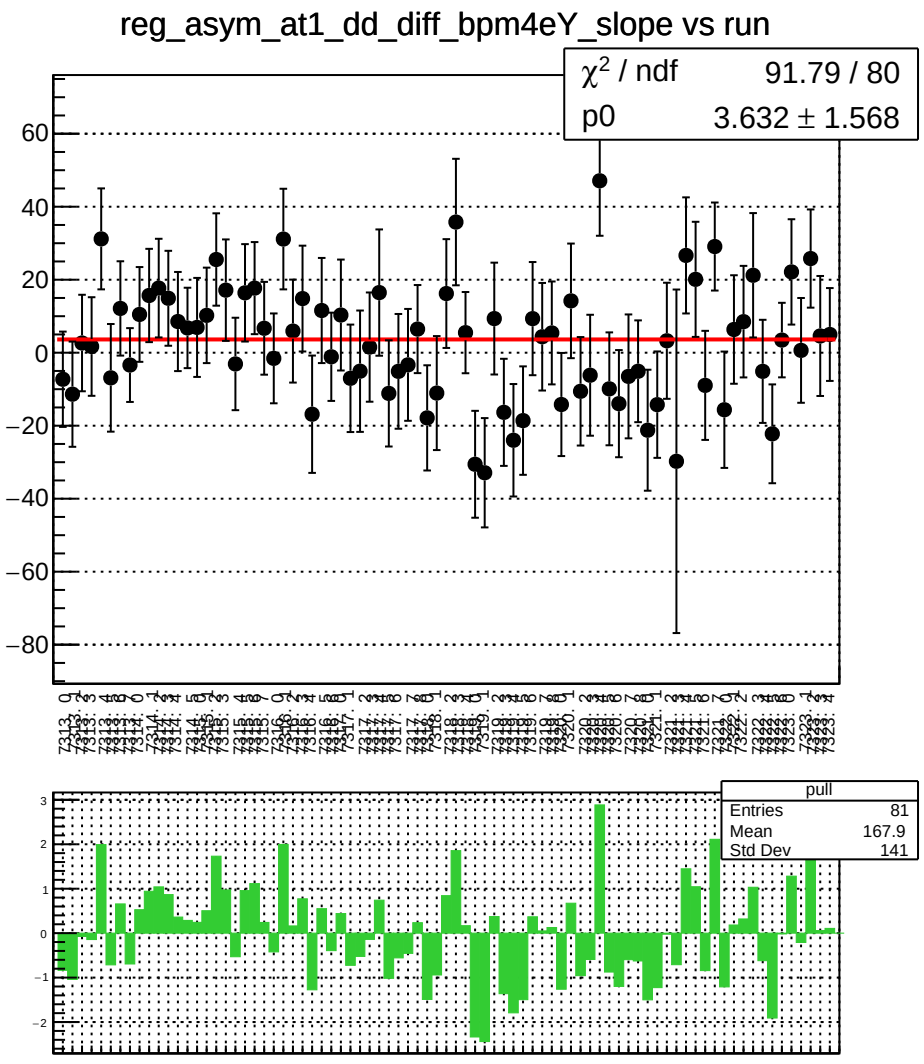

pull1D
Entries 81
Mean −0.06151
Std Dev 0.983

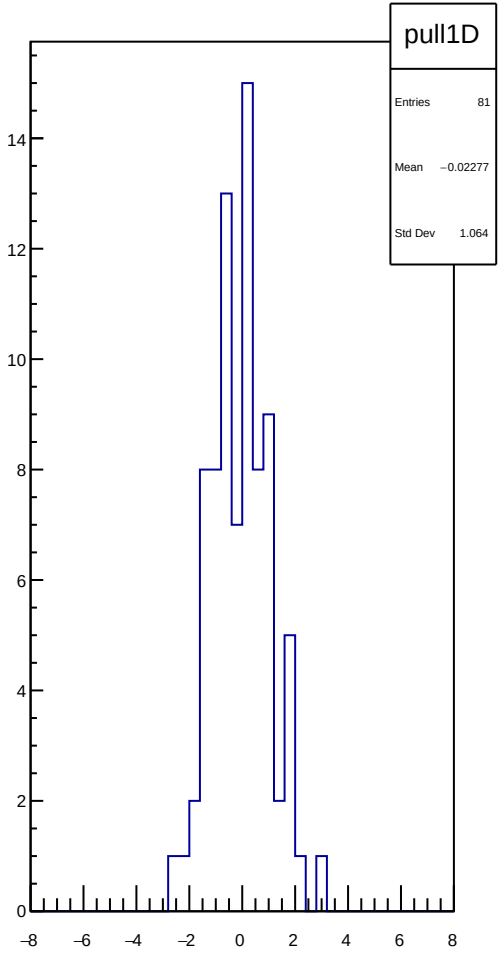

reg_asym_at1_dd_diff_bpm4aY_slope vs run
χ² / ndf 93.45 / 80
p0 −3.102 ± 1.444
pull
Entries 81
Mean 371.5
Std Dev 347.5

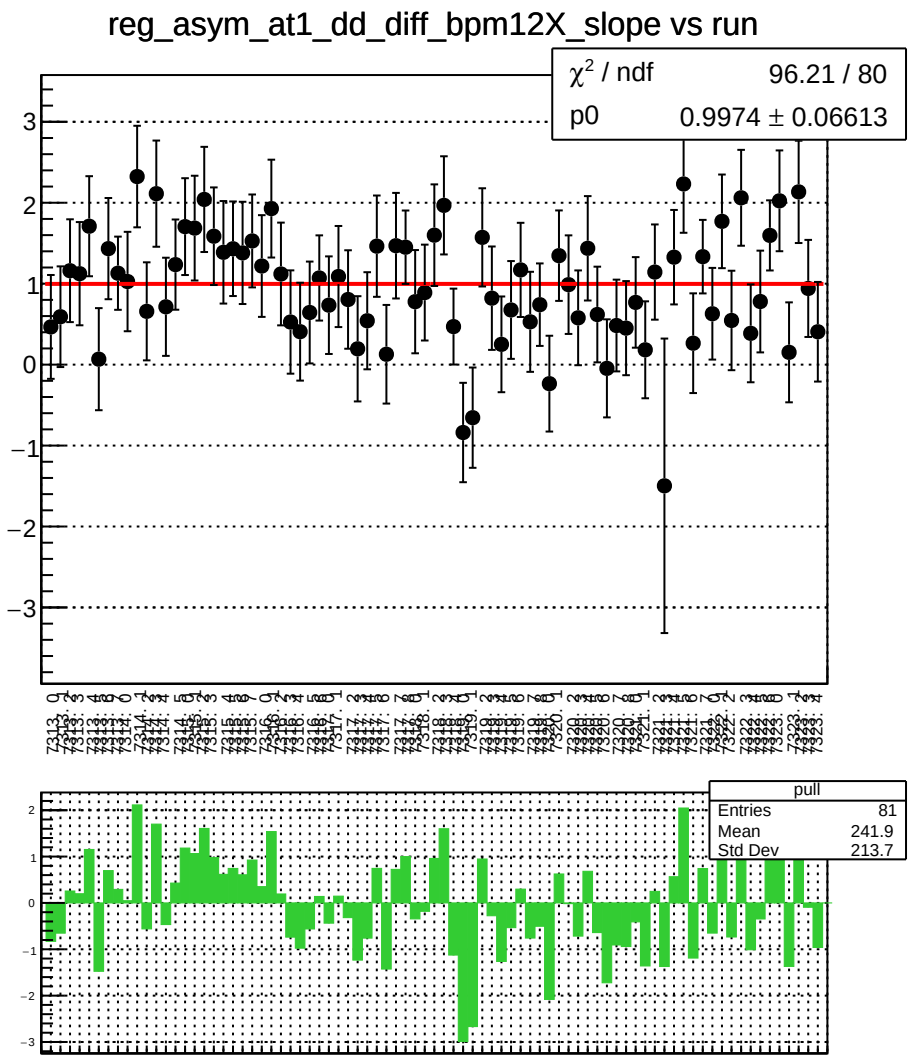

pull1D
Entries 81
Mean 0.007753
Std Dev 1.074

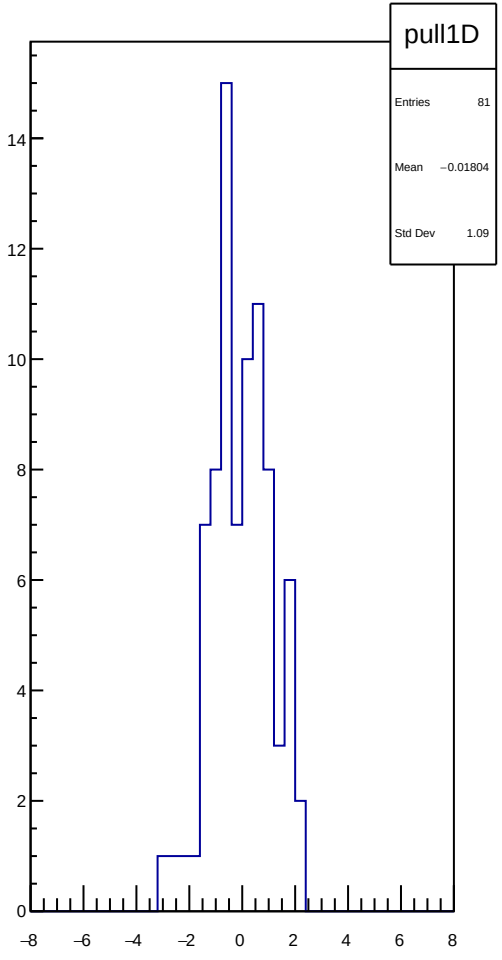

reg_asym_at1_dd_diff_bpm4eX_slope vs run
χ² / ndf 83.52 / 80
p0 23.08 ± 1.722
pull
Entries 81
Mean 156.6
Std Dev 116.3

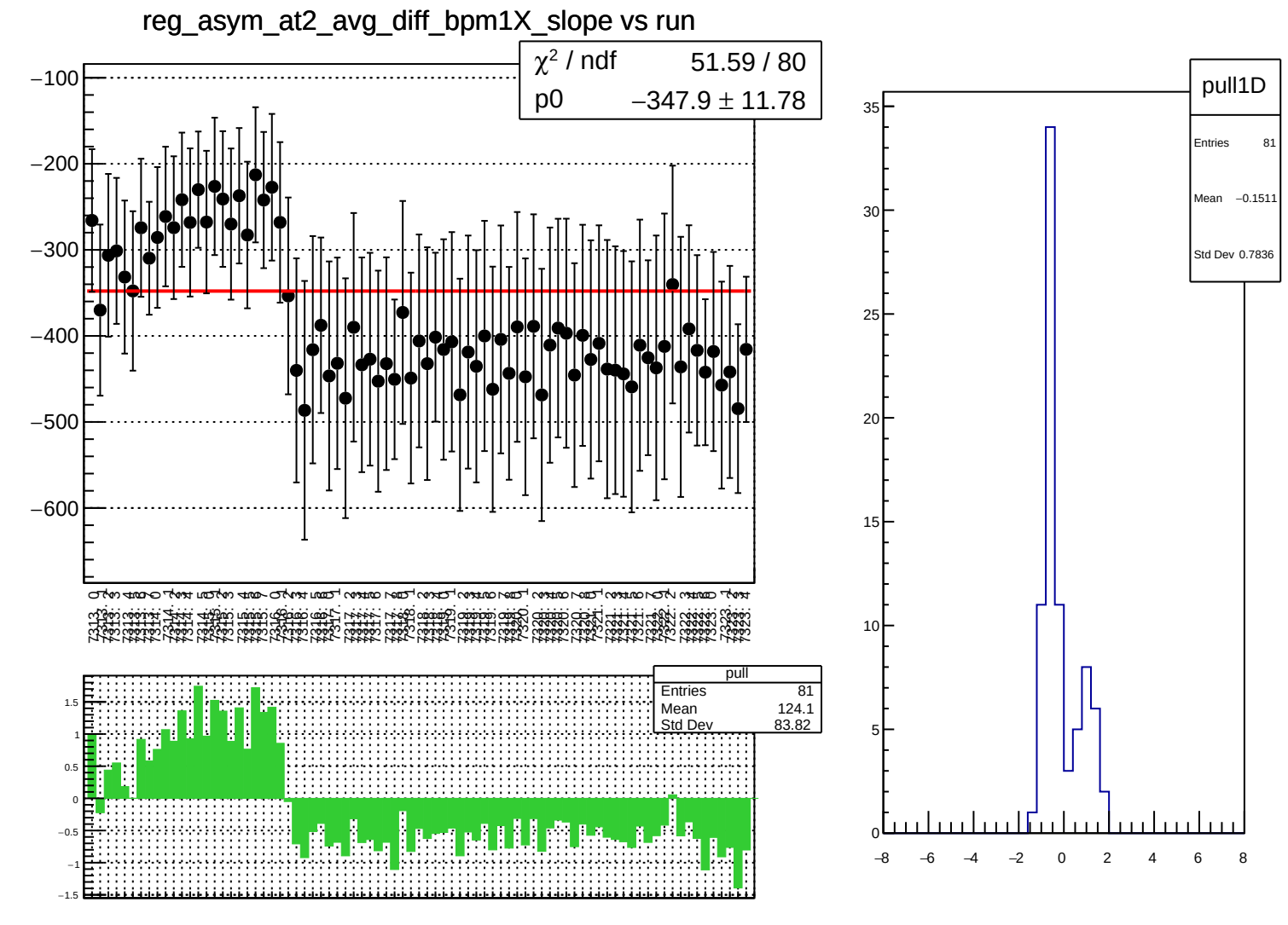

pull1D
Entries 81
Mean 0.06352
Std Dev 1.013

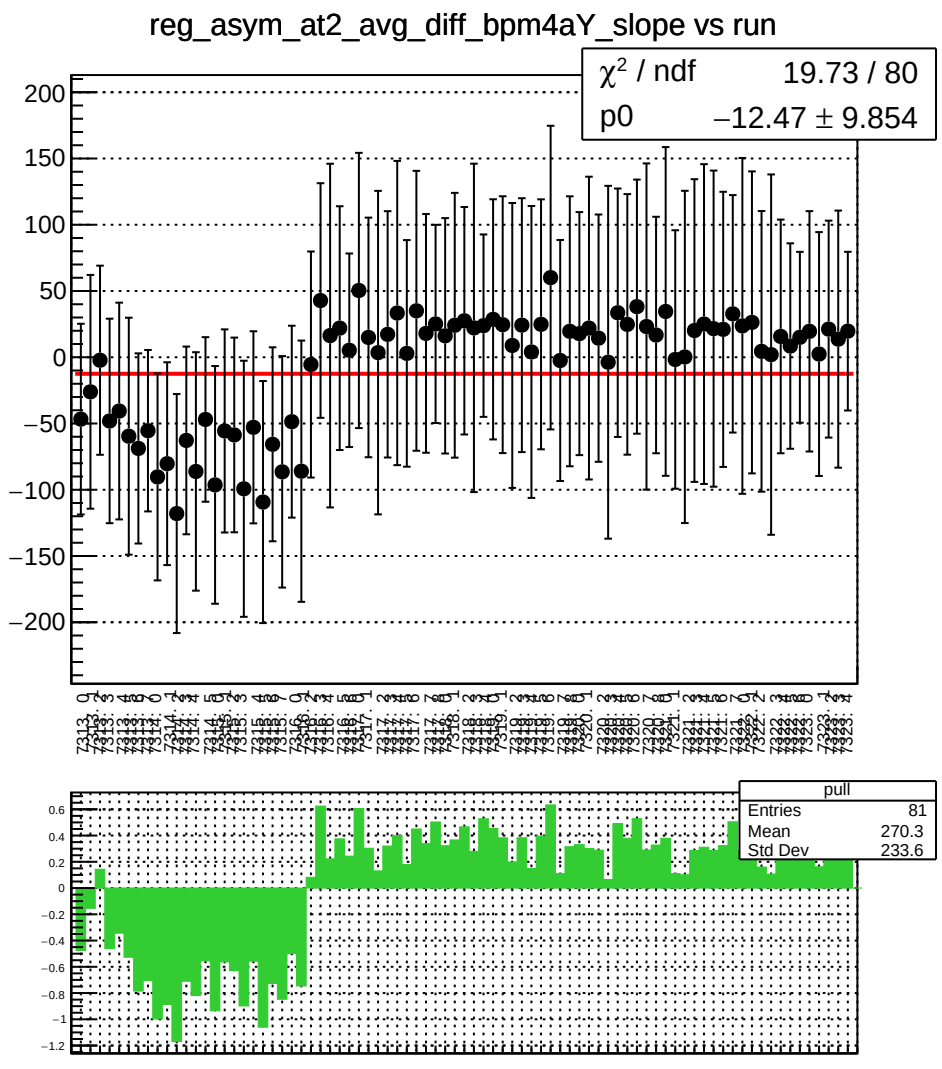

reg_asym_at1_dd_diff_bpm4eY_slope vs run
χ² / ndf 91.79 / 80
p0 3.632 ± 1.568
pull
Entries 81
Mean 167.9
Std Dev 141

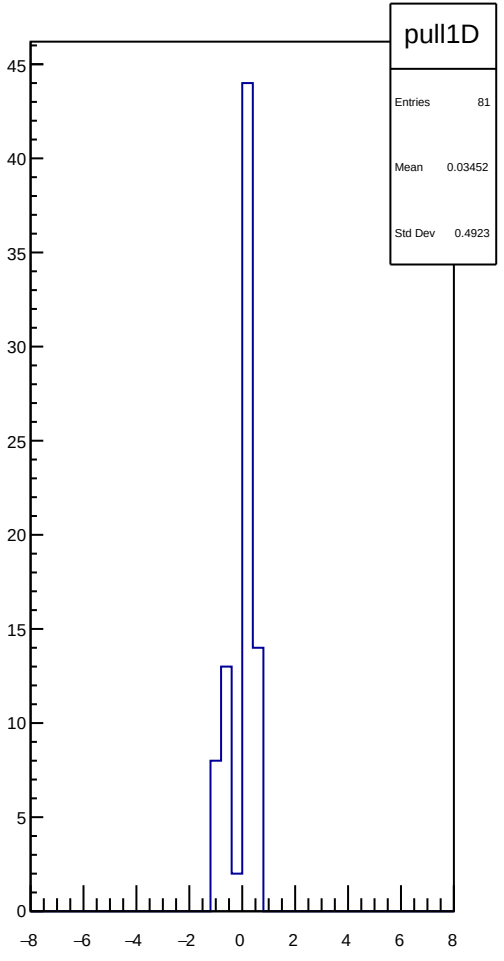

pull1D
Entries 81
Mean −0.02277
Std Dev 1.064

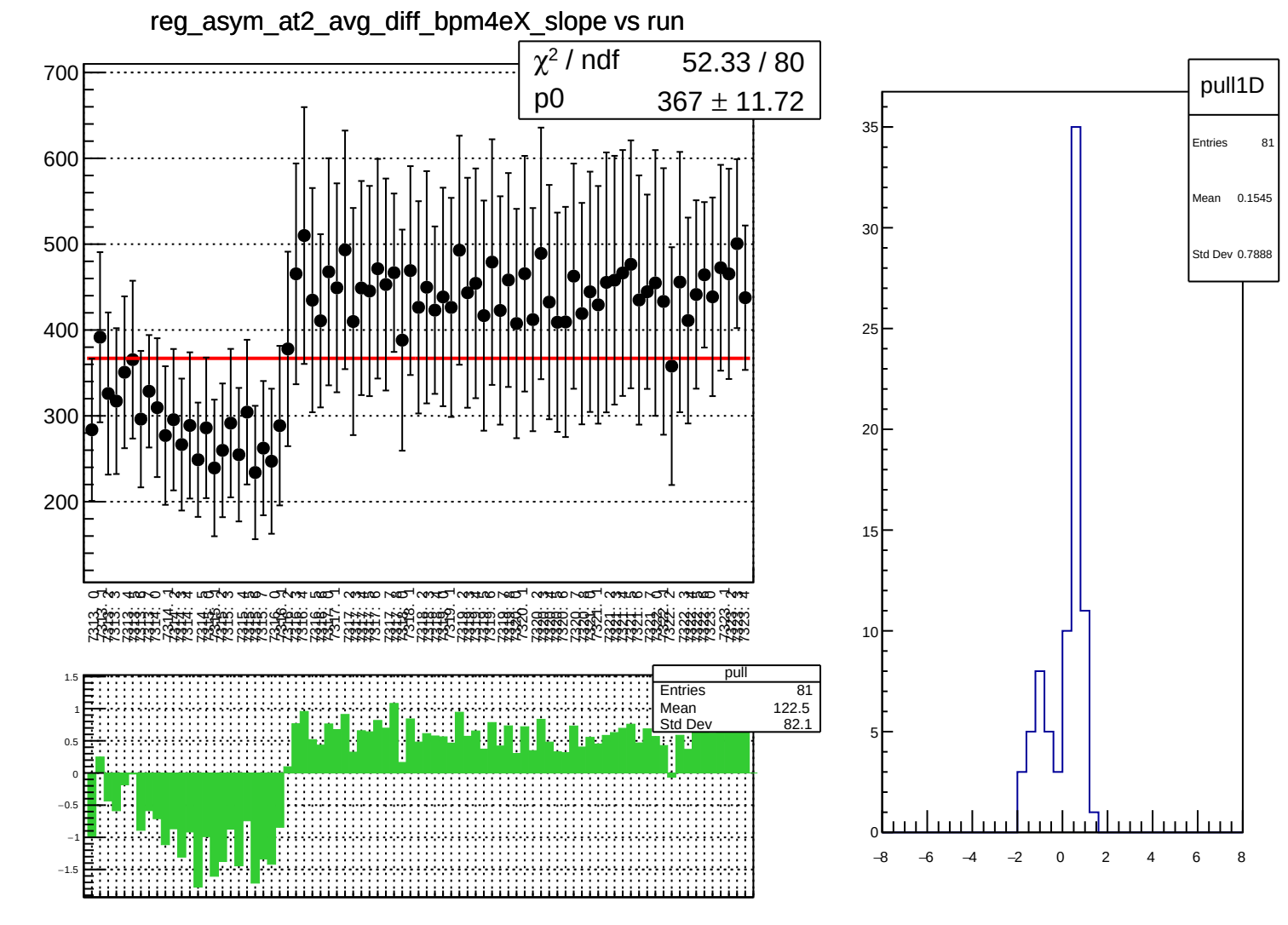

reg_asym_at1_dd_diff_bpm12X_slope vs run
χ² / ndf 96.21 / 80
p0 0.9974 ± 0.06613
pull
Entries 81
Mean 241.9
Std Dev 213.7

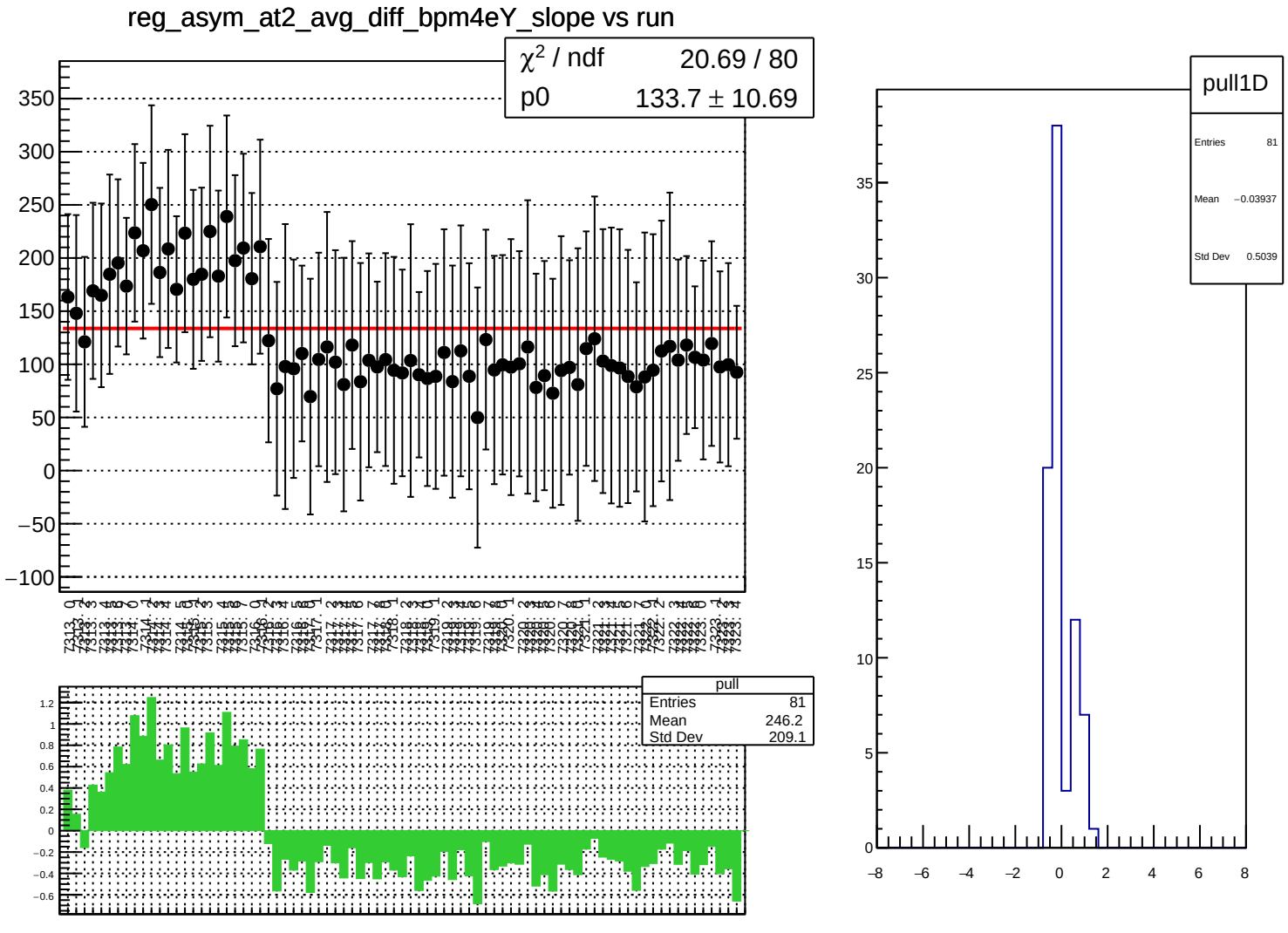

pull1D
Entries 81
Mean −0.01804
Std Dev 1.09

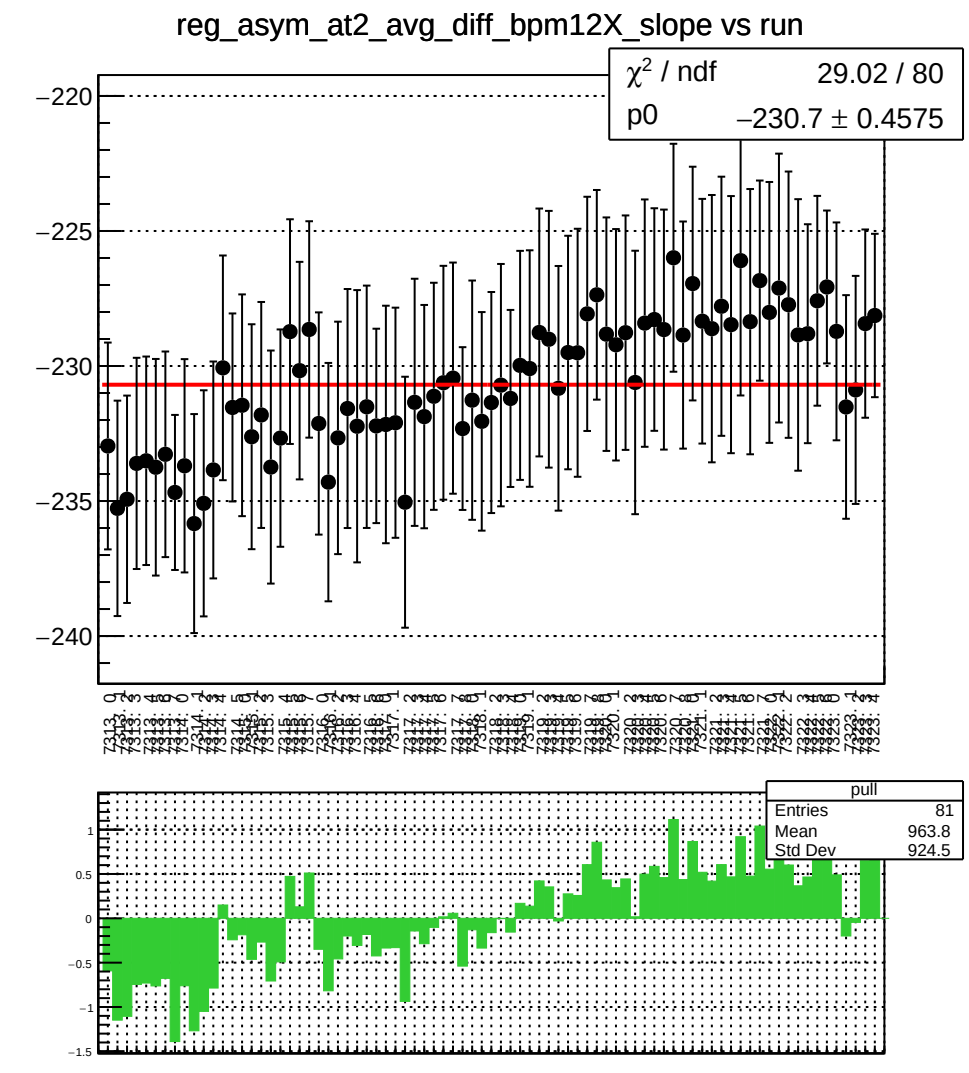

reg_asym_at2_avg_diff_bpm1X_slope vs run
χ² / ndf 51.59 / 80
p0 −347.9 ± 11.78
pull
Entries 81
Mean 124.1
Std Dev 83.82
pull1D
Entries 81
Mean −0.1511
Std Dev 0.7836

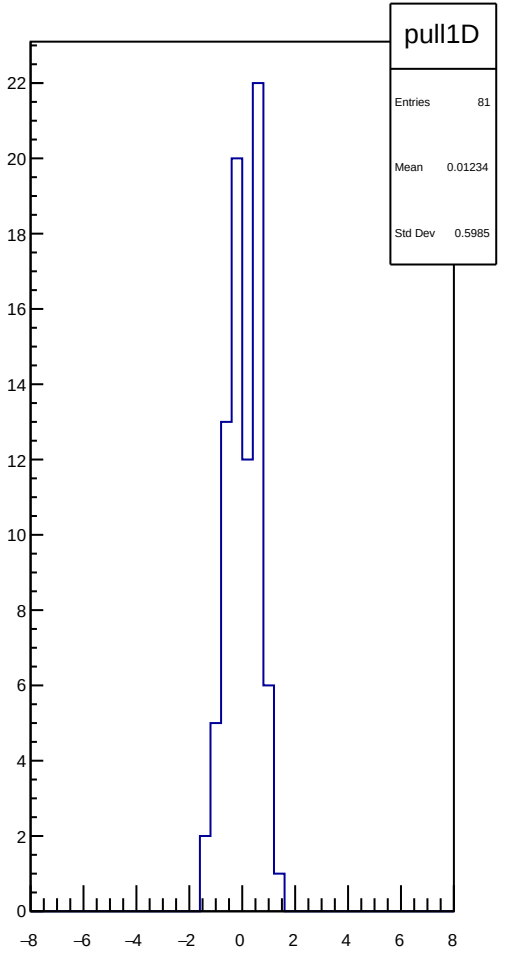

reg_asym_at2_avg_diff_bpm4aY_slope vs run
χ² / ndf 19.73 / 80
p0 −12.47 ± 9.854
pull
Entries 81
Mean 270.3
Std Dev 233.6

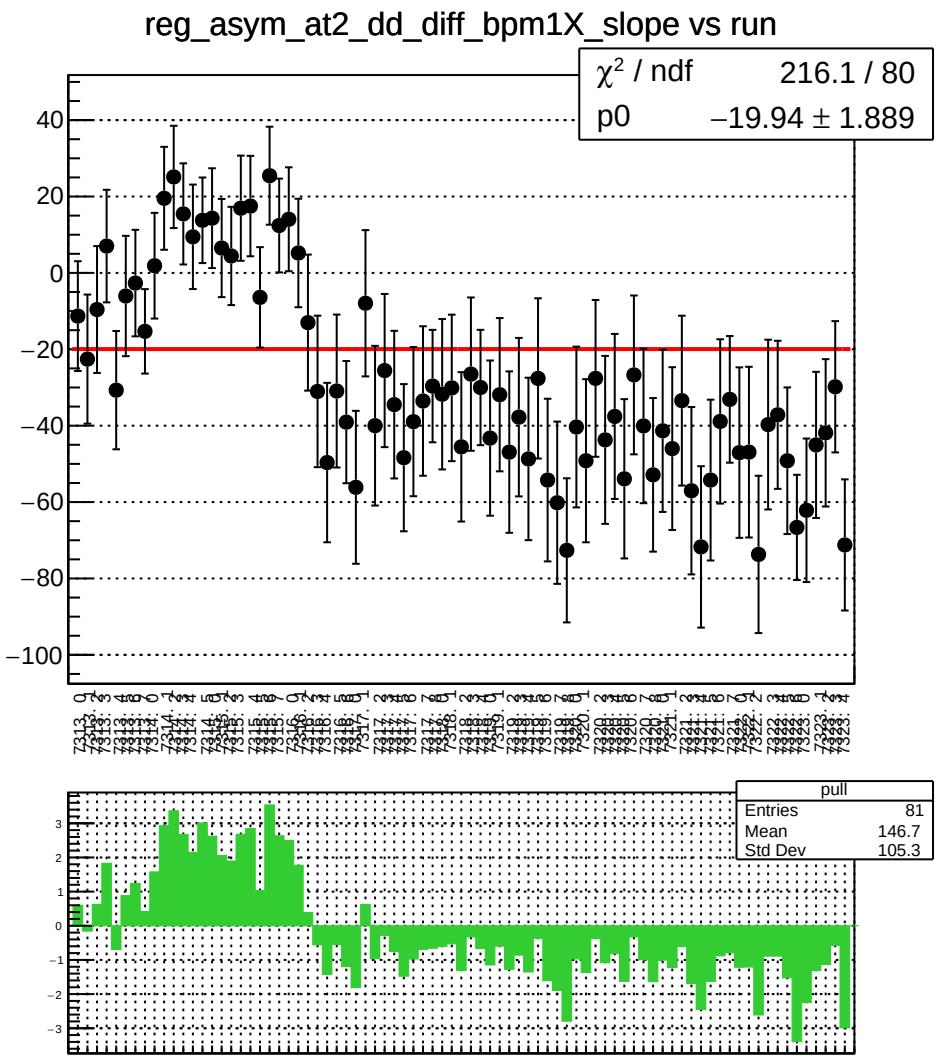

pull1D
Entries 81
Mean 0.03452
Std Dev 0.4923

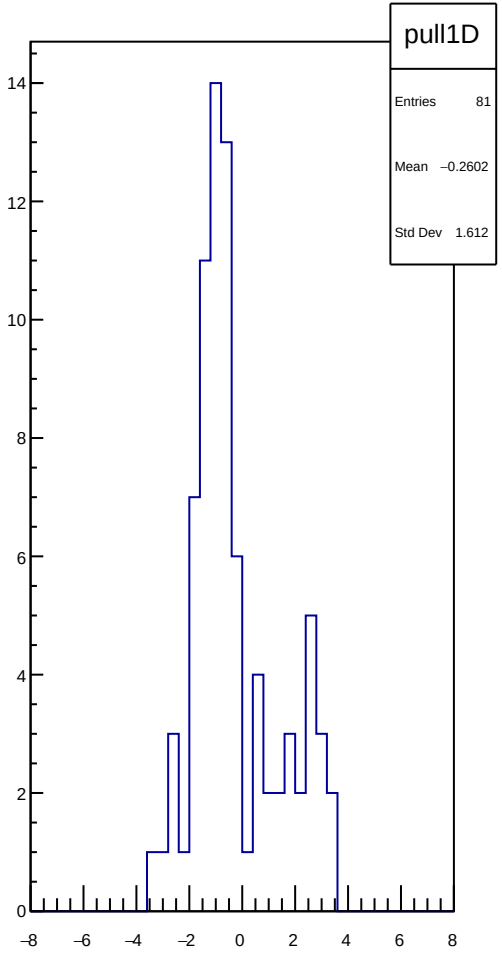

reg_asym_at2_avg_diff_bpm4eX_slope vs run
χ² / ndf 52.33 / 80
p0 367 ± 11.72
pull
Entries 81
Mean 122.5
Std Dev 82.1
pull1D
Entries 81
Mean 0.1545
Std Dev 0.7888

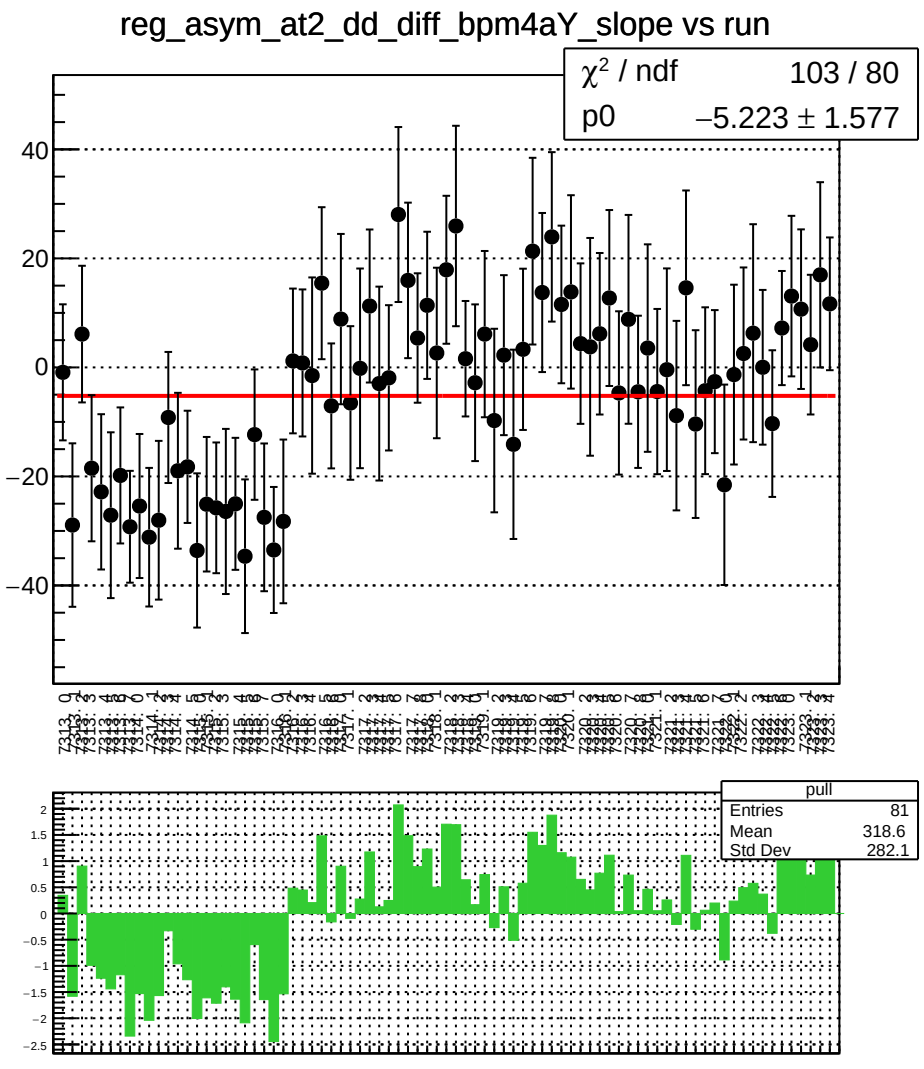

reg_asym_at2_avg_diff_bpm4eY_slope vs run
χ² / ndf 20.69 / 80
p0 133.7 ± 10.69
pull
Entries 81
Mean 246.2
Std Dev 209.1
pull1D
Entries 81
Mean −0.03937
Std Dev 0.5039

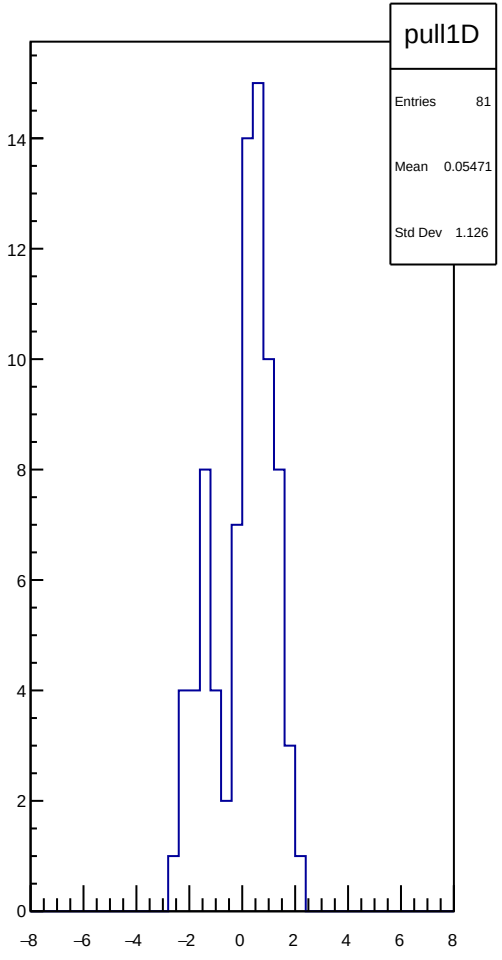

reg_asym_at2_avg_diff_bpm12X_slope vs run
χ² / ndf 29.02 / 80
p0 −230.7 ± 0.4575
pull
Entries 81
Mean 963.8
Std Dev 924.5

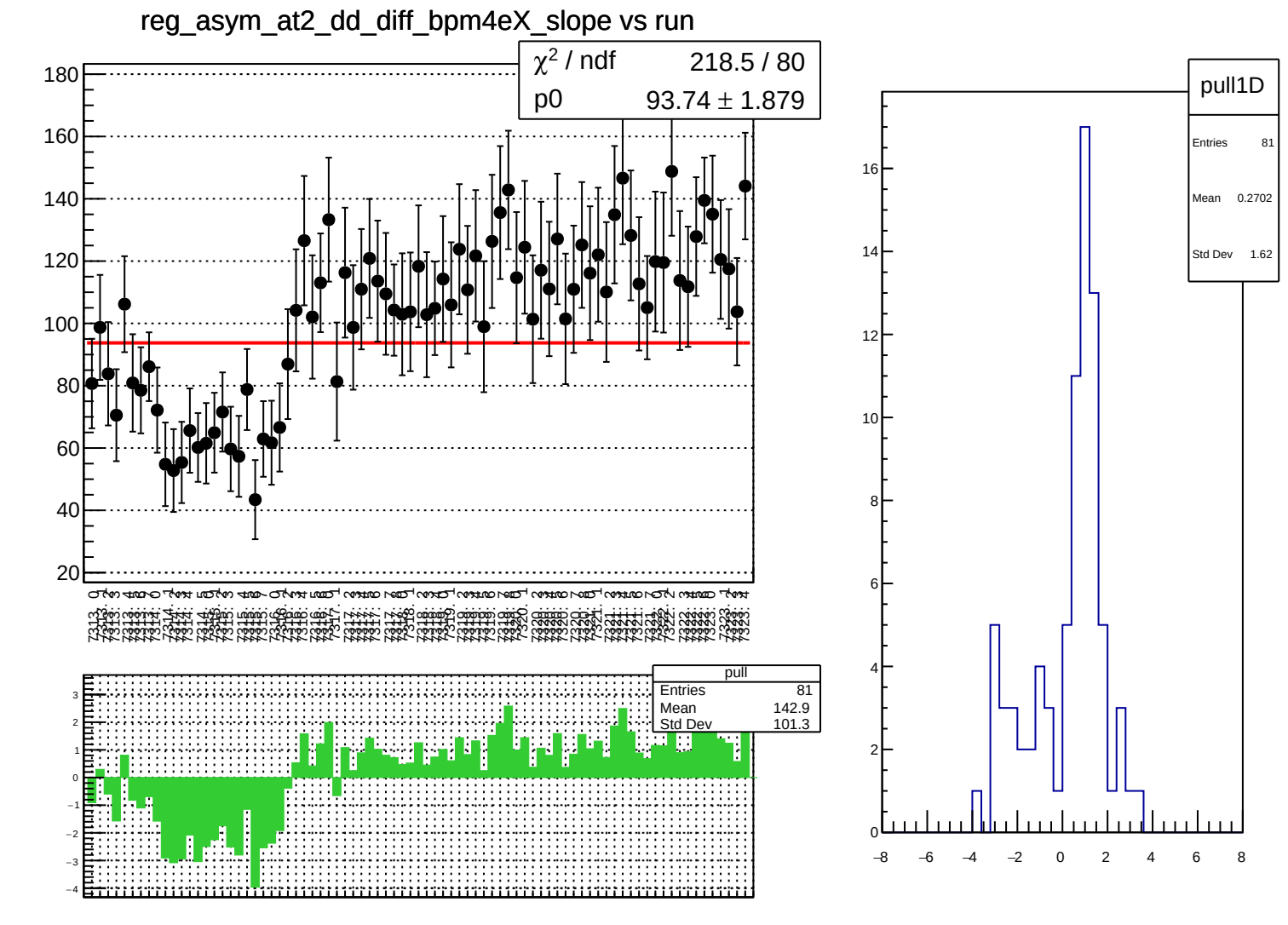

pull1D
Entries 81
Mean 0.01234
Std Dev 0.5985

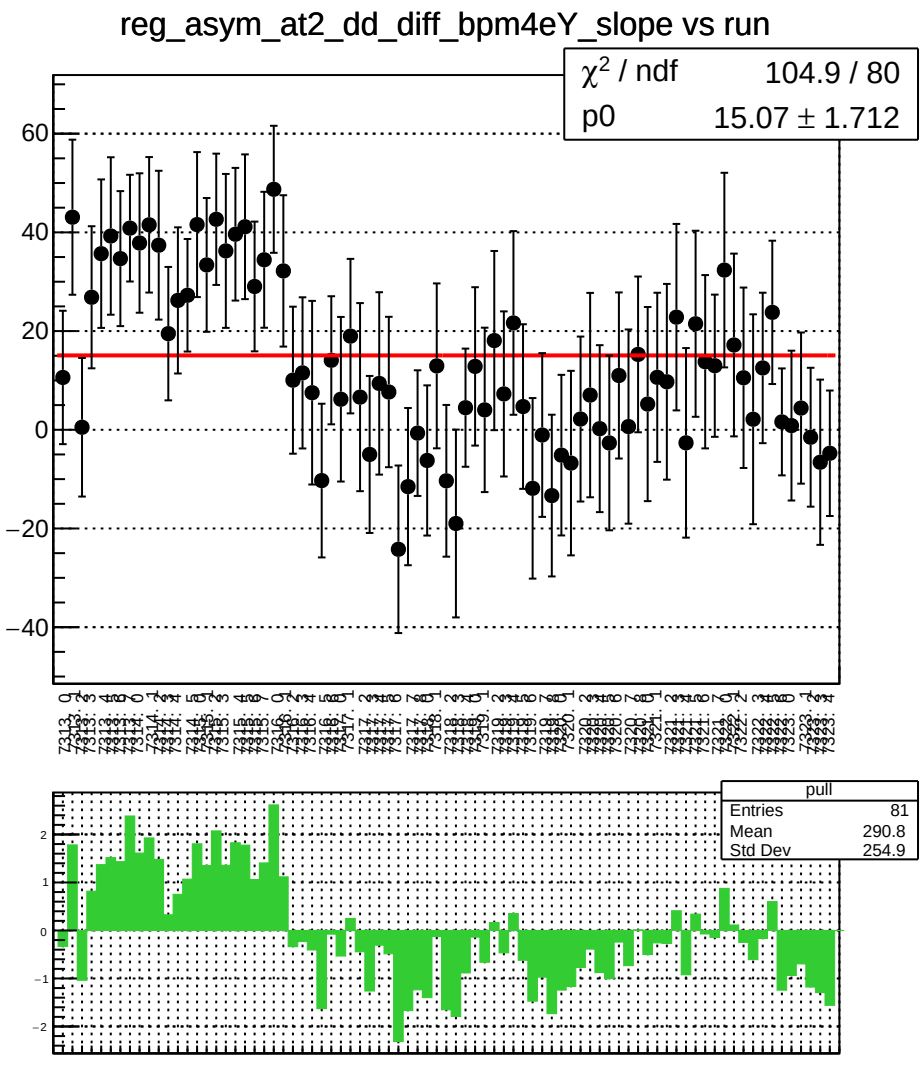

reg_asym_at2_dd_diff_bpm1X_slope vs run
χ² / ndf 216.1 / 80
p0 −19.94 ± 1.889
pull
Entries 81
Mean 146.7
Std Dev 105.3

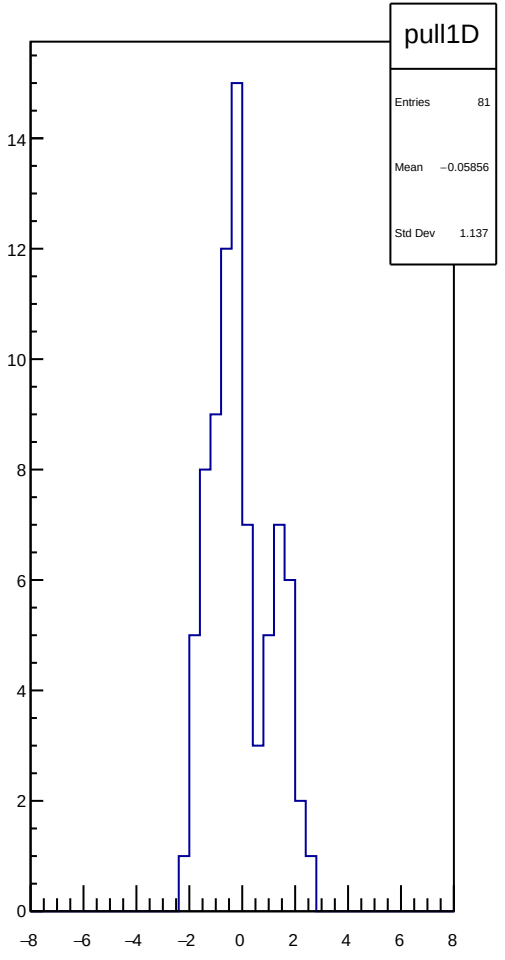

pull1D
Entries 81
Mean −0.2602
Std Dev 1.612

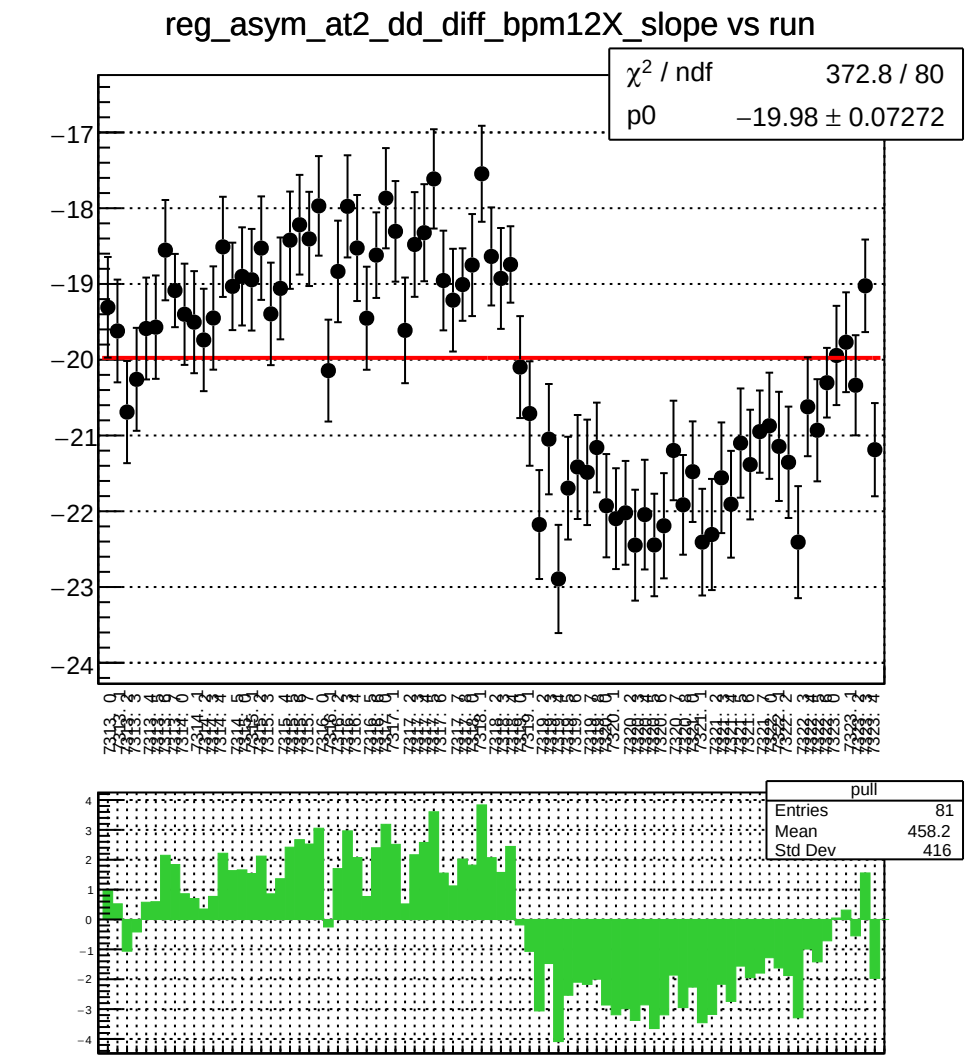

reg_asym_at2_dd_diff_bpm4aY_slope vs run
χ² / ndf 103 / 80
p0 −5.223 ± 1.577
pull
Entries 81
Mean 318.6
Std Dev 282.1

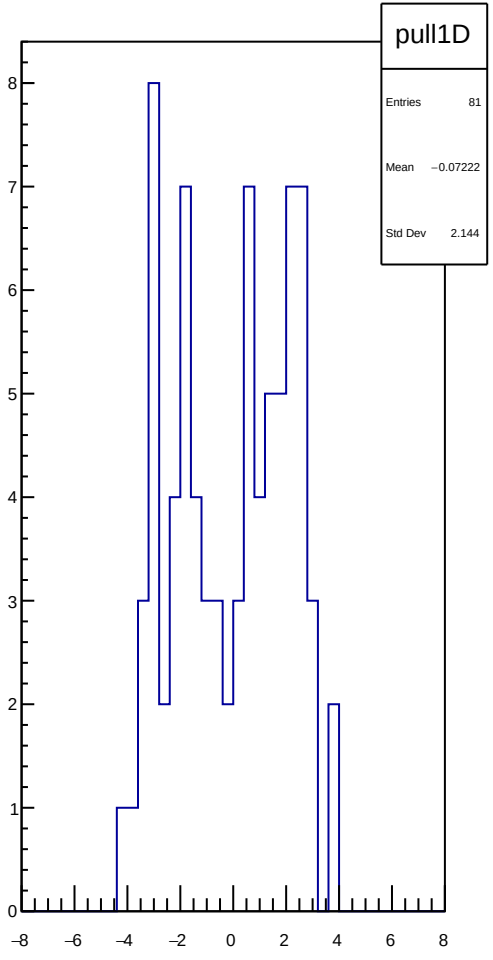

pull1D
Entries 81
Mean 0.05471
Std Dev 1.126

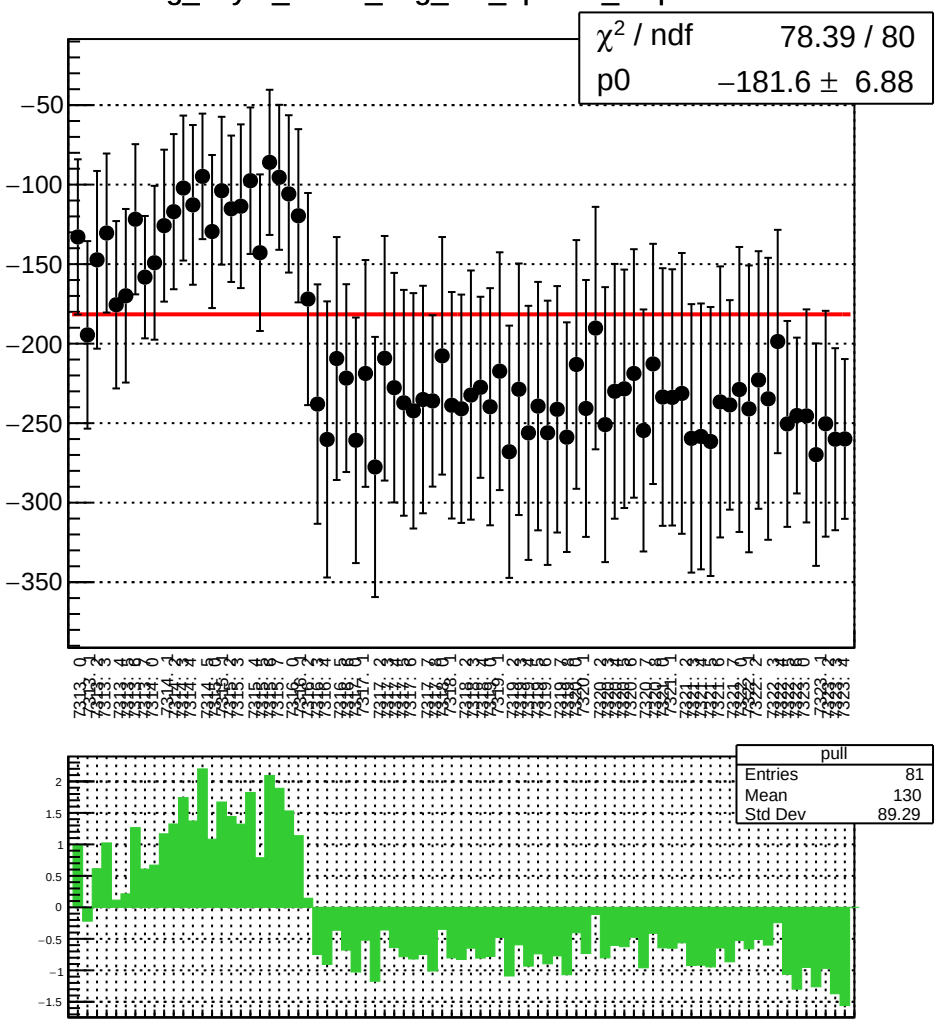

reg_asym_at2_dd_diff_bpm4eX_slope vs run
χ² / ndf 218.5 / 80
p0 93.74 ± 1.879
pull
Entries 81
Mean 142.9
Std Dev 101.3
pull1D
Entries 81
Mean 0.2702
Std Dev 1.62

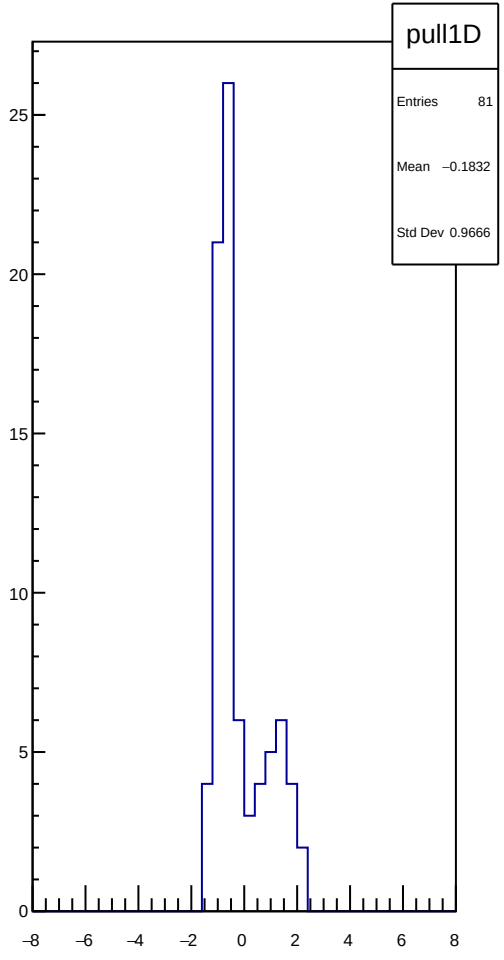

reg_asym_at2_dd_diff_bpm4eY_slope vs run
χ² / ndf 104.9 / 80
p0 15.07 ± 1.712
pull
Entries 81
Mean 290.8
Std Dev 254.9

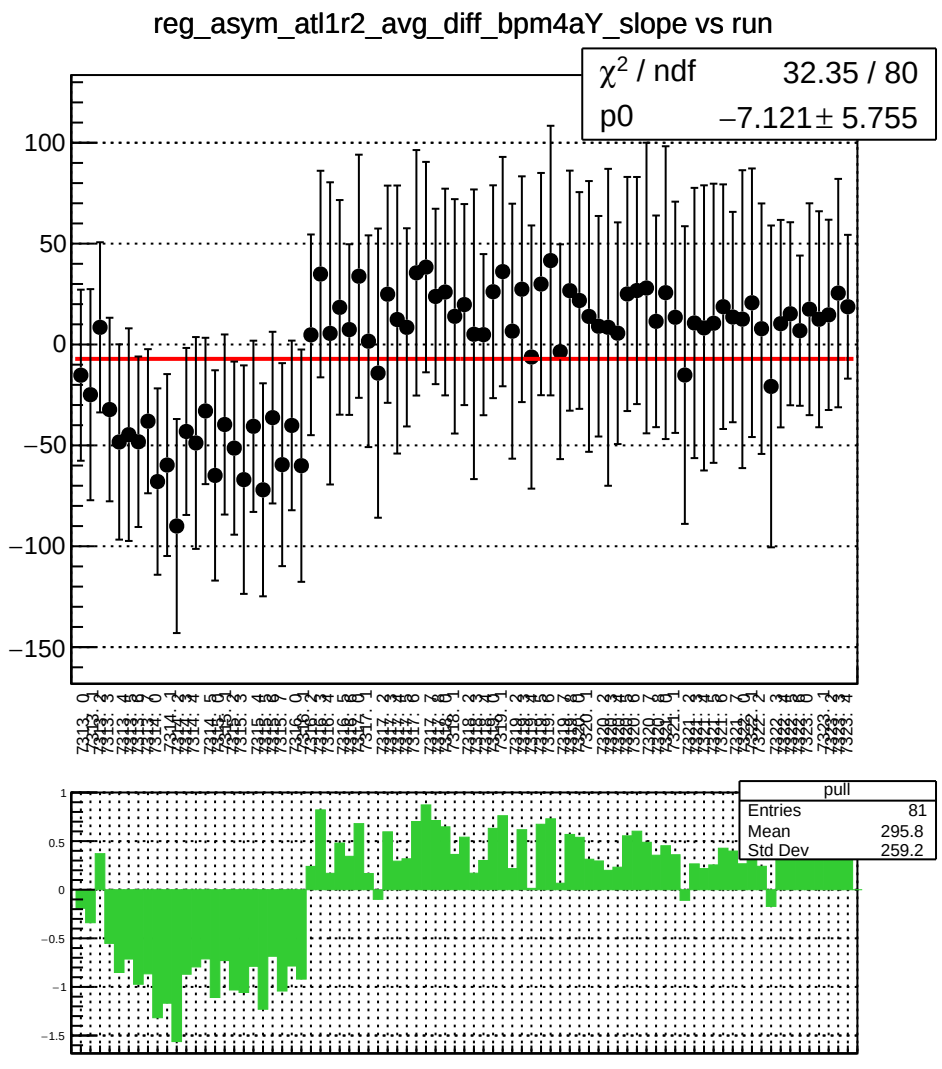

pull1D
Entries 81
Mean −0.05856
Std Dev 1.137

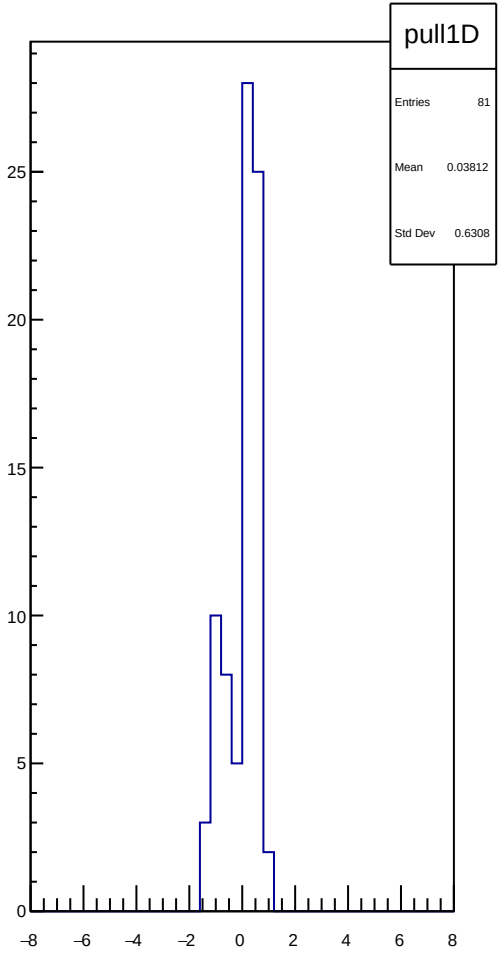

reg_asym_at2_dd_diff_bpm12X_slope vs run
χ² / ndf 372.8 / 80
p0 −19.98 ± 0.07272
pull
Entries 81
Mean 458.2
Std Dev 416

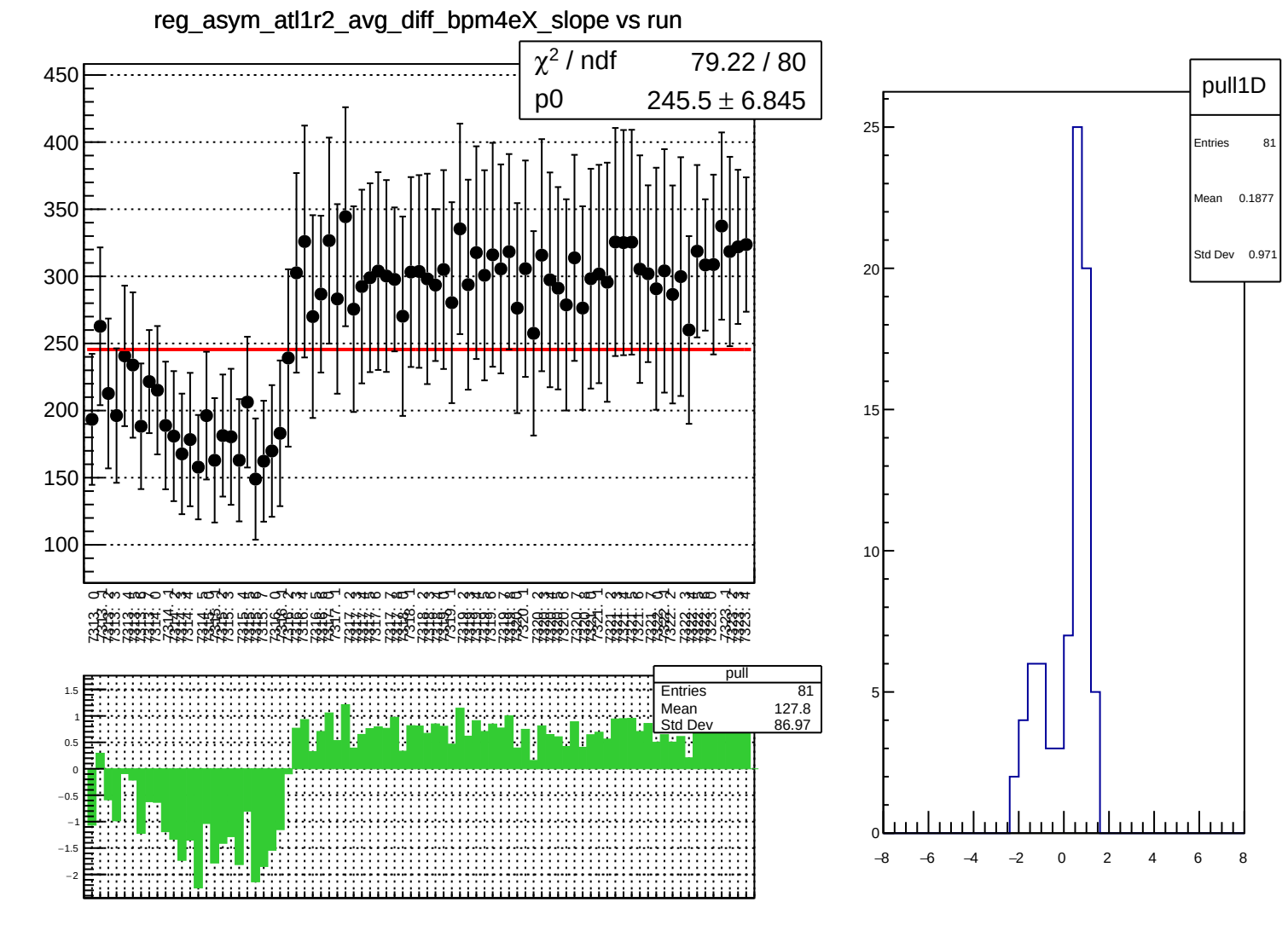

pull1D
Entries 81
Mean −0.07222
Std Dev 2.144

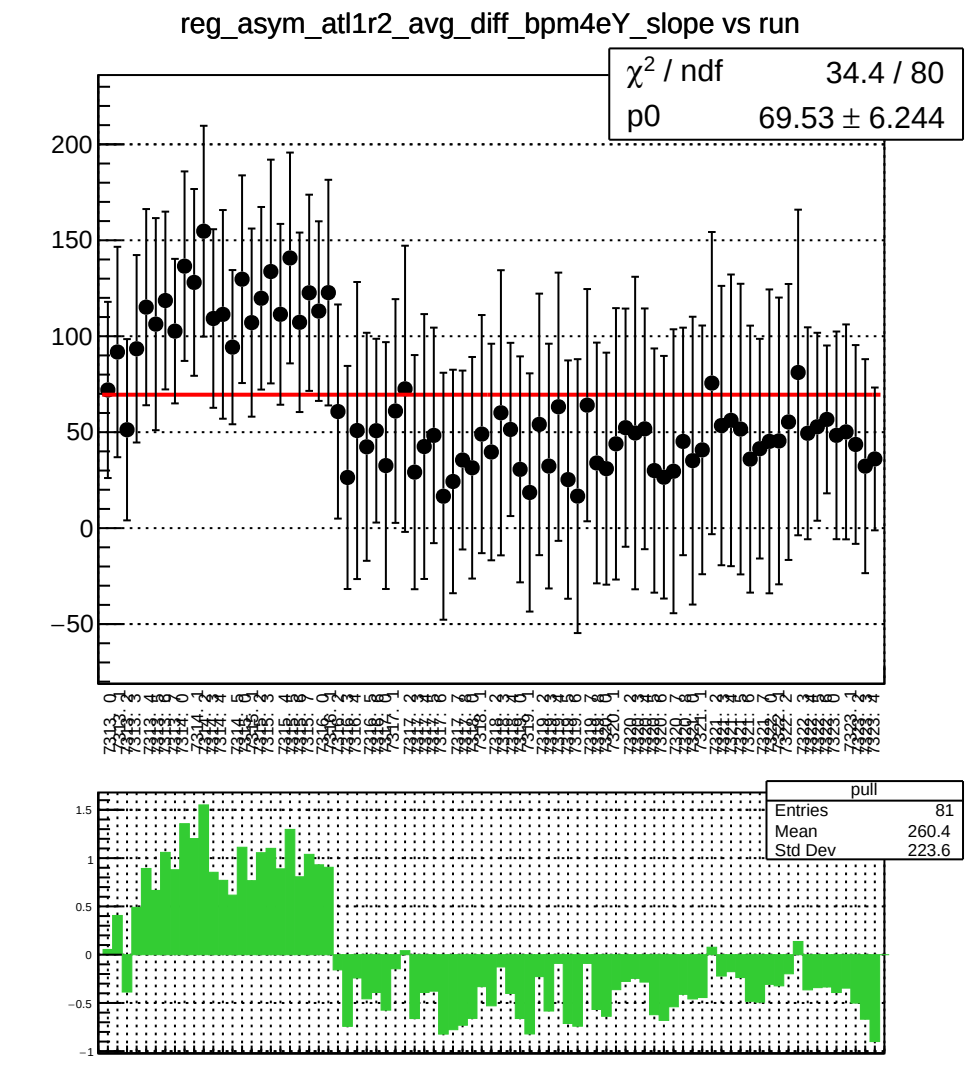

reg_asym_atl1r2_avg_diff_bpm1X_slope vs run
χ² / ndf 78.39 / 80
p0 −181.6 ± 6.88
pull
Entries 81
Mean 130
Std Dev 89.29

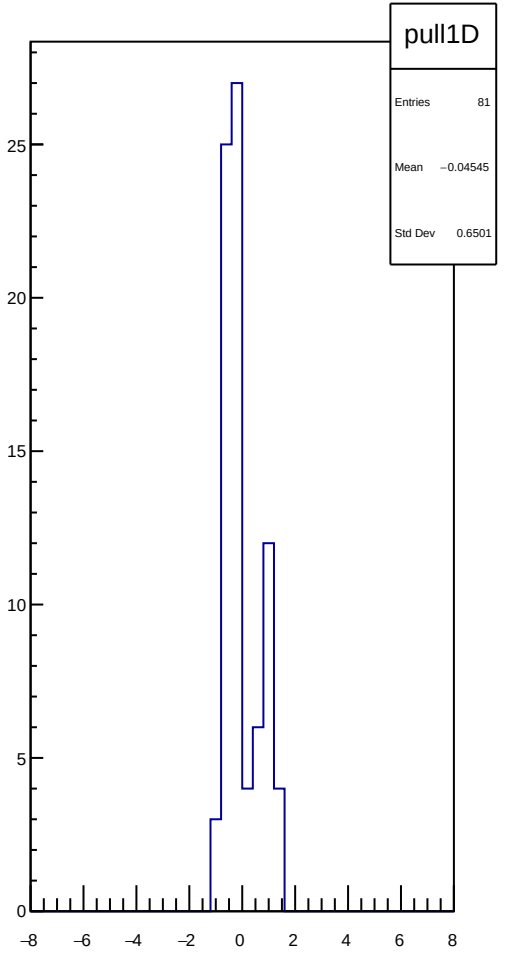

pull1D
Entries 81
Mean −0.1832
Std Dev 0.9666

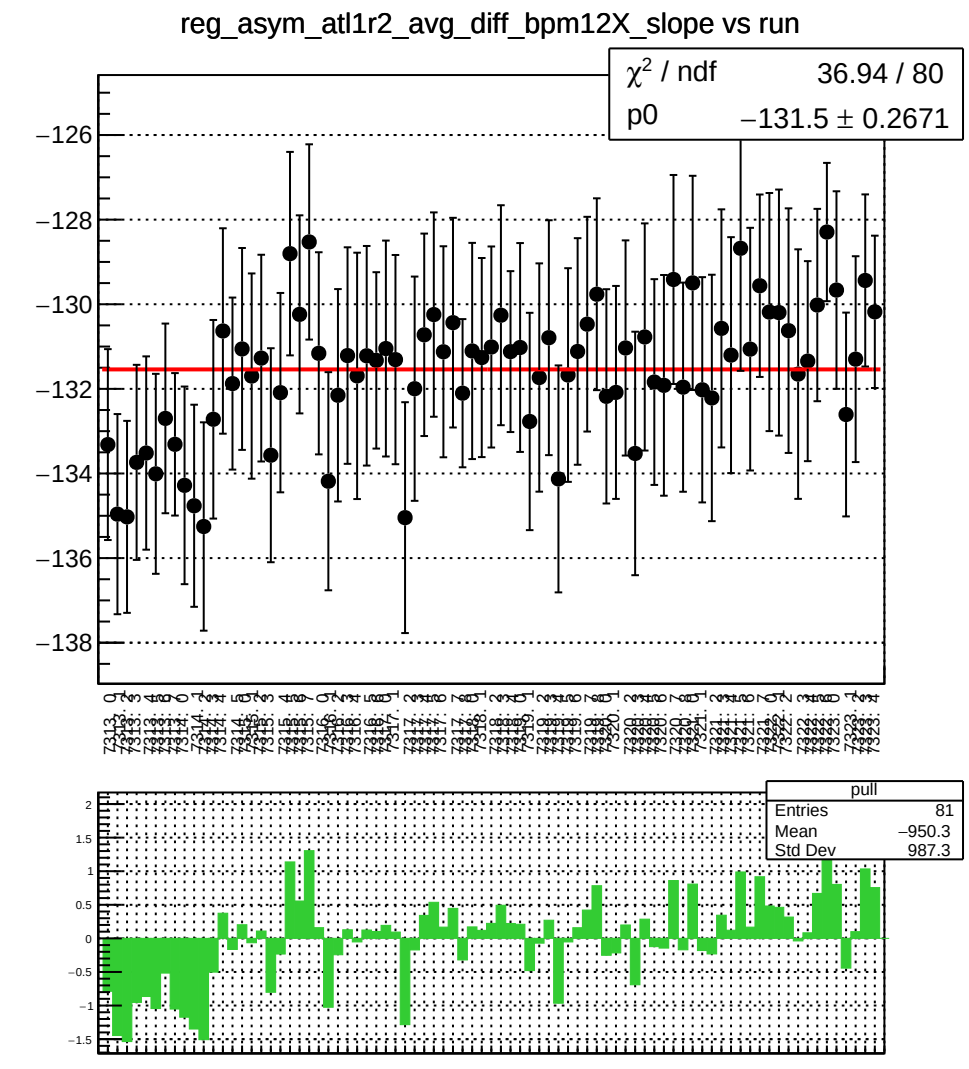

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs run
χ² / ndf 32.35 / 80
p0 −7.121 ± 5.755
pull
Entries 81
Mean 295.8
Std Dev 259.2

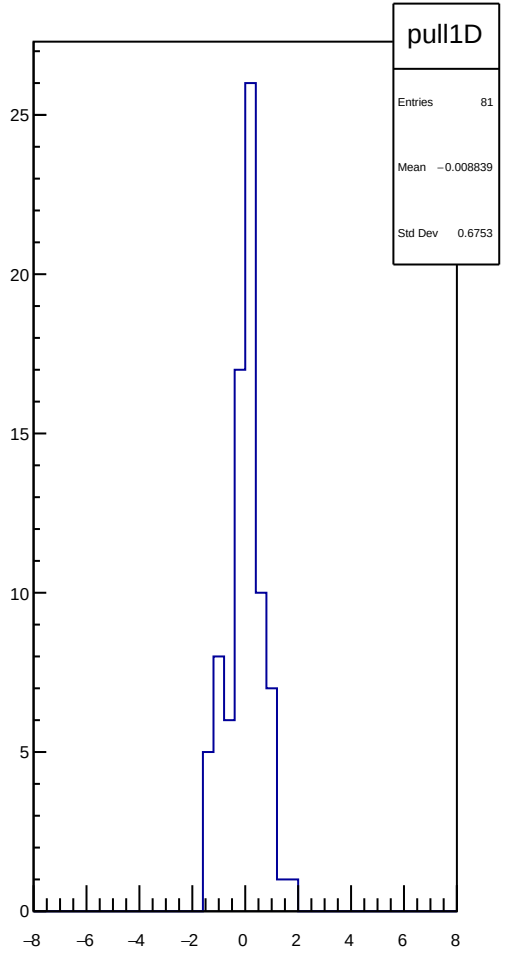

pull1D
Entries 81
Mean 0.03812
Std Dev 0.6308

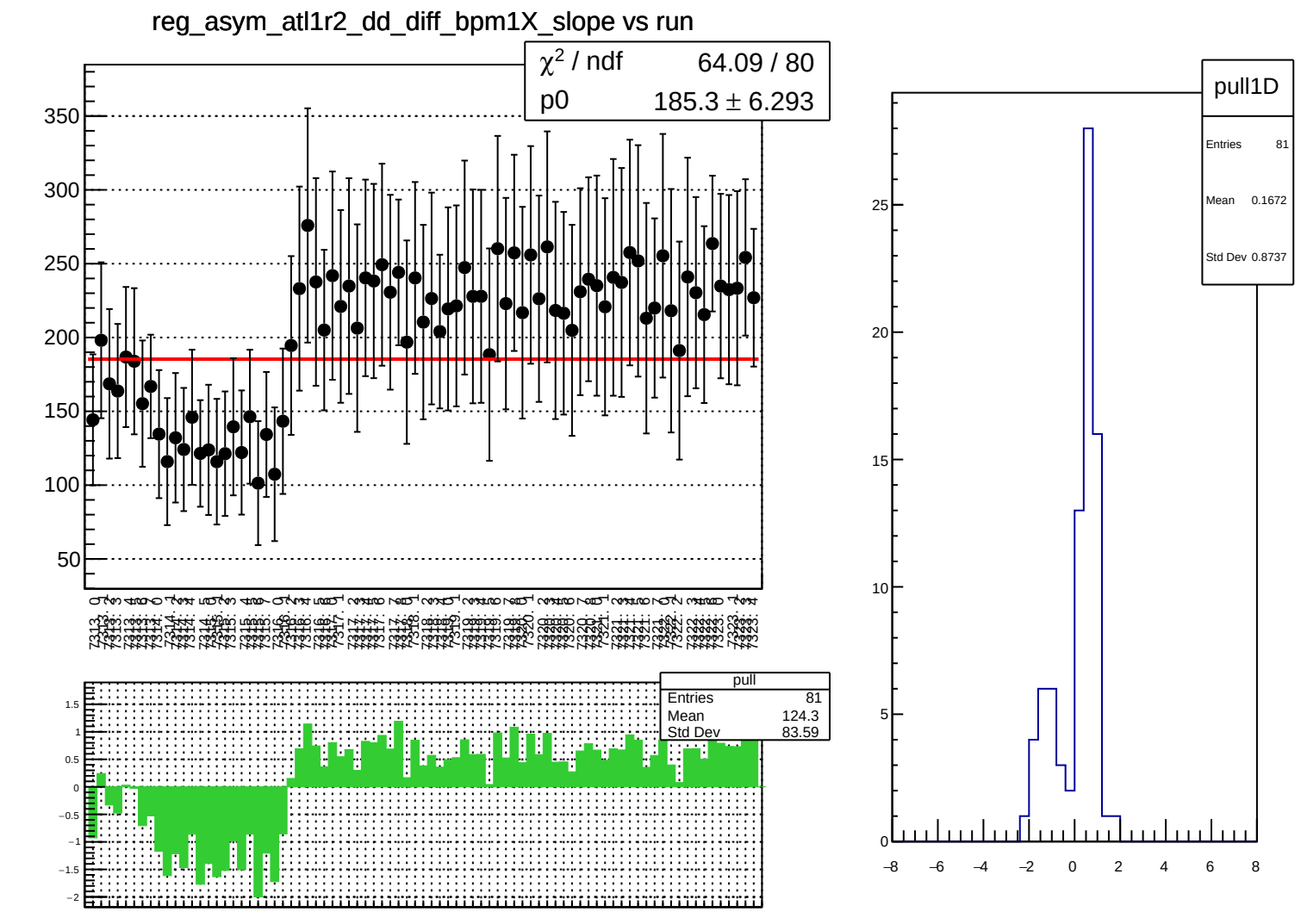

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs run
χ² / ndf 79.22 / 80
p0 245.5 ± 6.845
pull
Entries 81
Mean 127.8
Std Dev 86.97
pull1D
Entries 81
Mean 0.1877
Std Dev 0.971

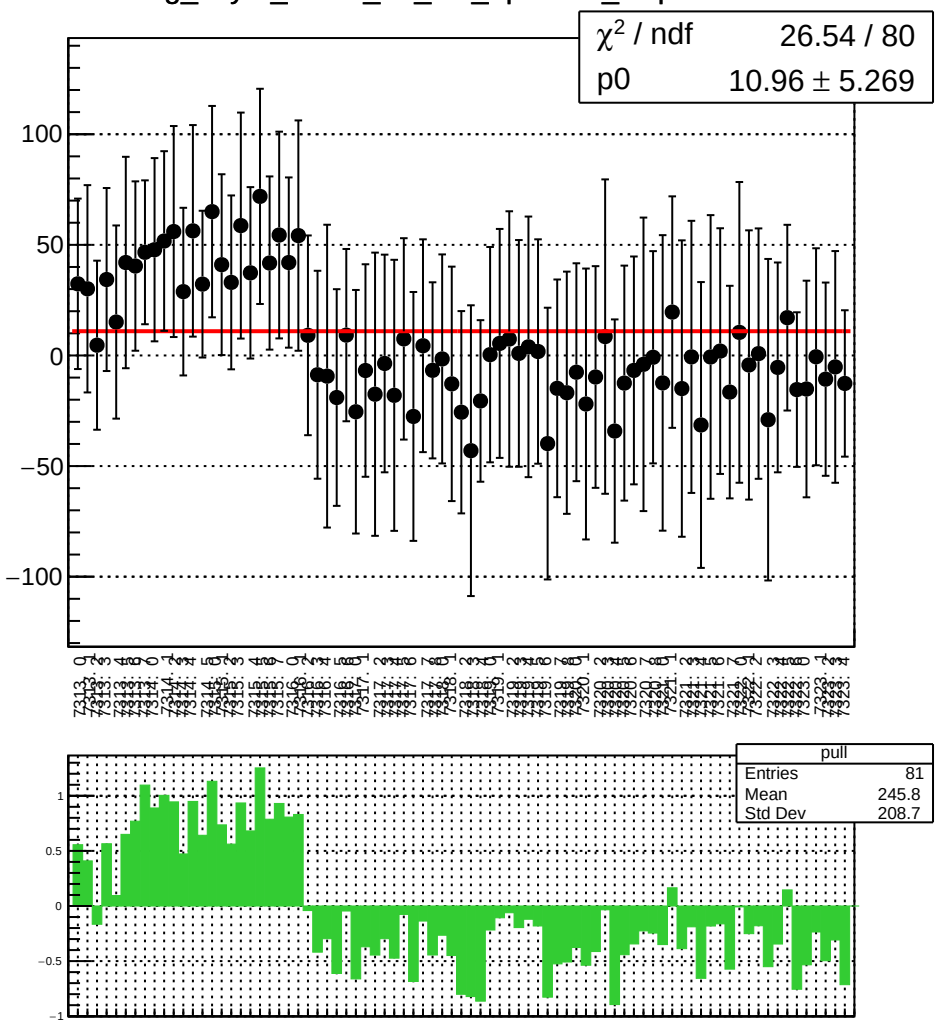

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs run
χ² / ndf 34.4 / 80
p0 69.53 ± 6.244
pull
Entries 81
Mean 260.4
Std Dev 223.6

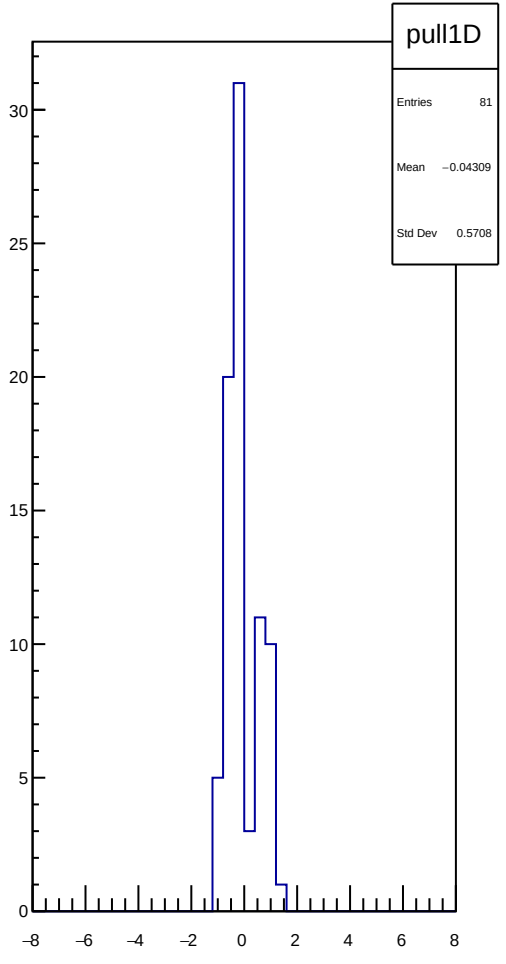

pull1D
Entries 81
Mean −0.04545
Std Dev 0.6501

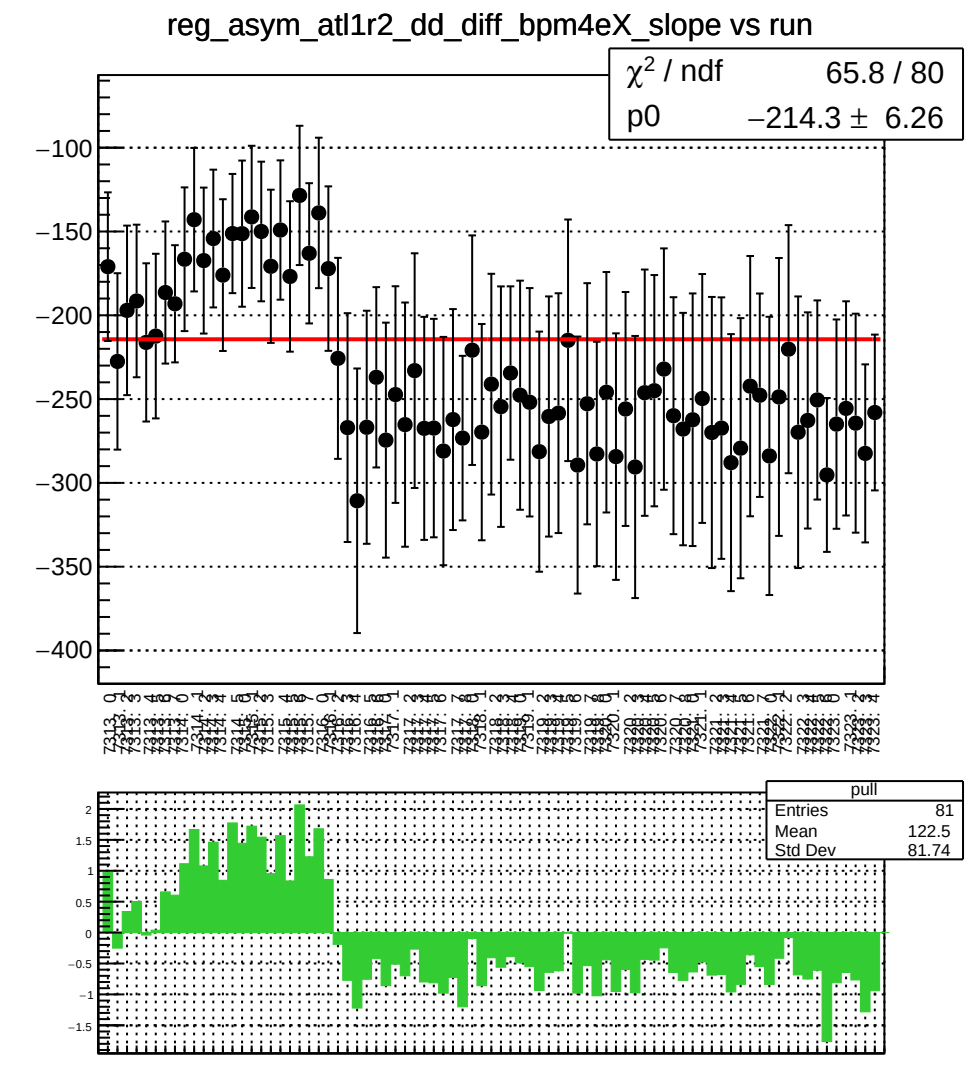

reg_asym_atl1r2_avg_diff_bpm12X_slope vs run
χ² / ndf 36.94 / 80
p0 −131.5 ± 0.2671
−126
−128
−130
−132
−134
−136
−138
pull
Entries 81
Mean −950.3
Std Dev 987.3
2
1.5
1
0.5
0
−0.5
−1
−1.5

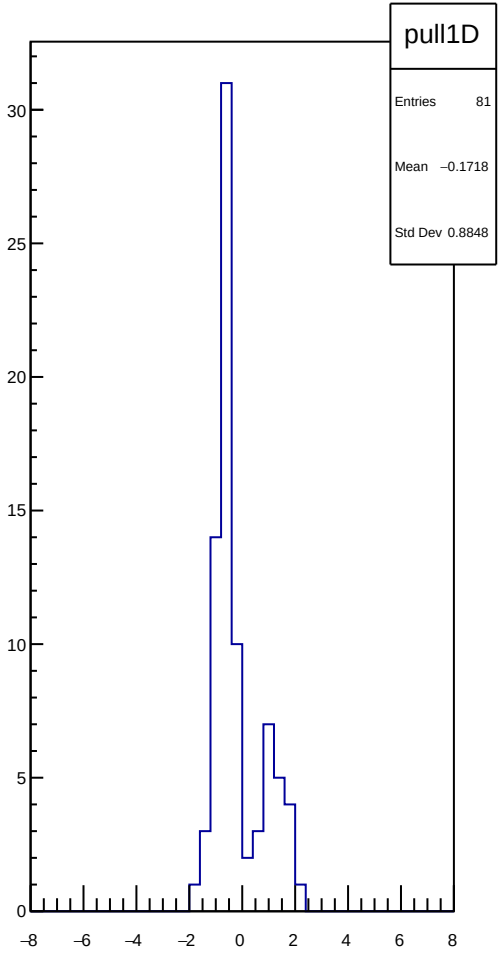

pull1D
Entries 81
Mean −0.008839
Std Dev 0.6753
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

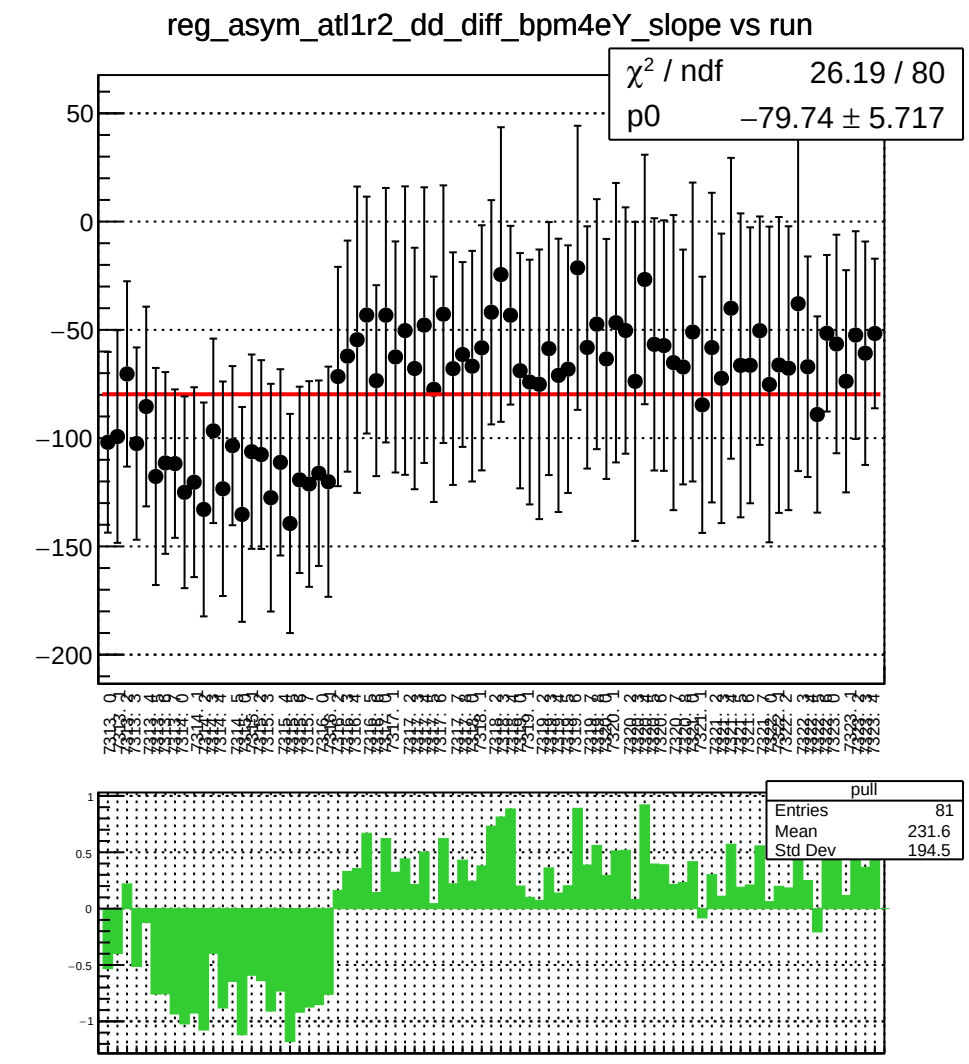

reg_asym_atl1r2_dd_diff_bpm1X_slope vs run
χ² / ndf 64.09 / 80
p0 185.3 ± 6.293
pull
Entries 81
Mean 124.3
Std Dev 83.59
pull1D
Entries 81
Mean 0.1672
Std Dev 0.8737

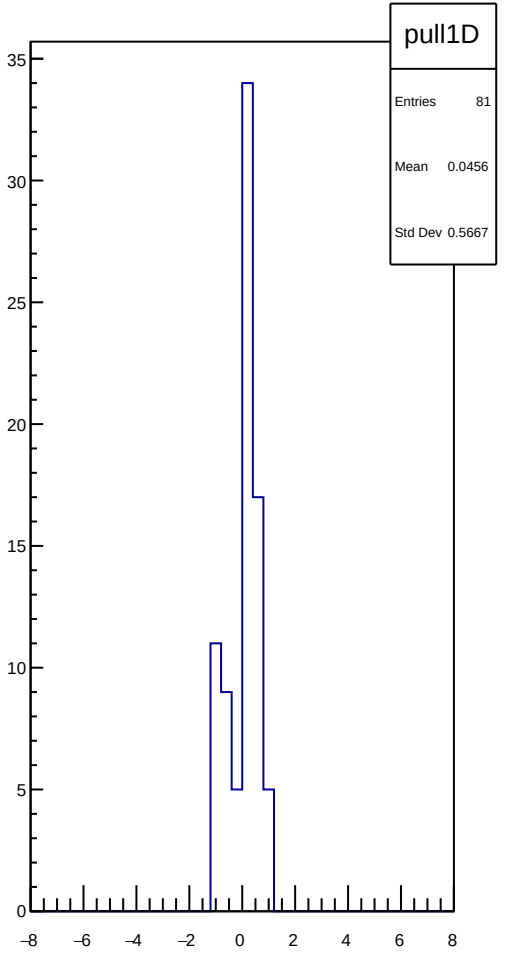

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs run
χ² / ndf 26.54 / 80
p0 10.96 ± 5.269
pull
Entries 81
Mean 245.8
Std Dev 208.7

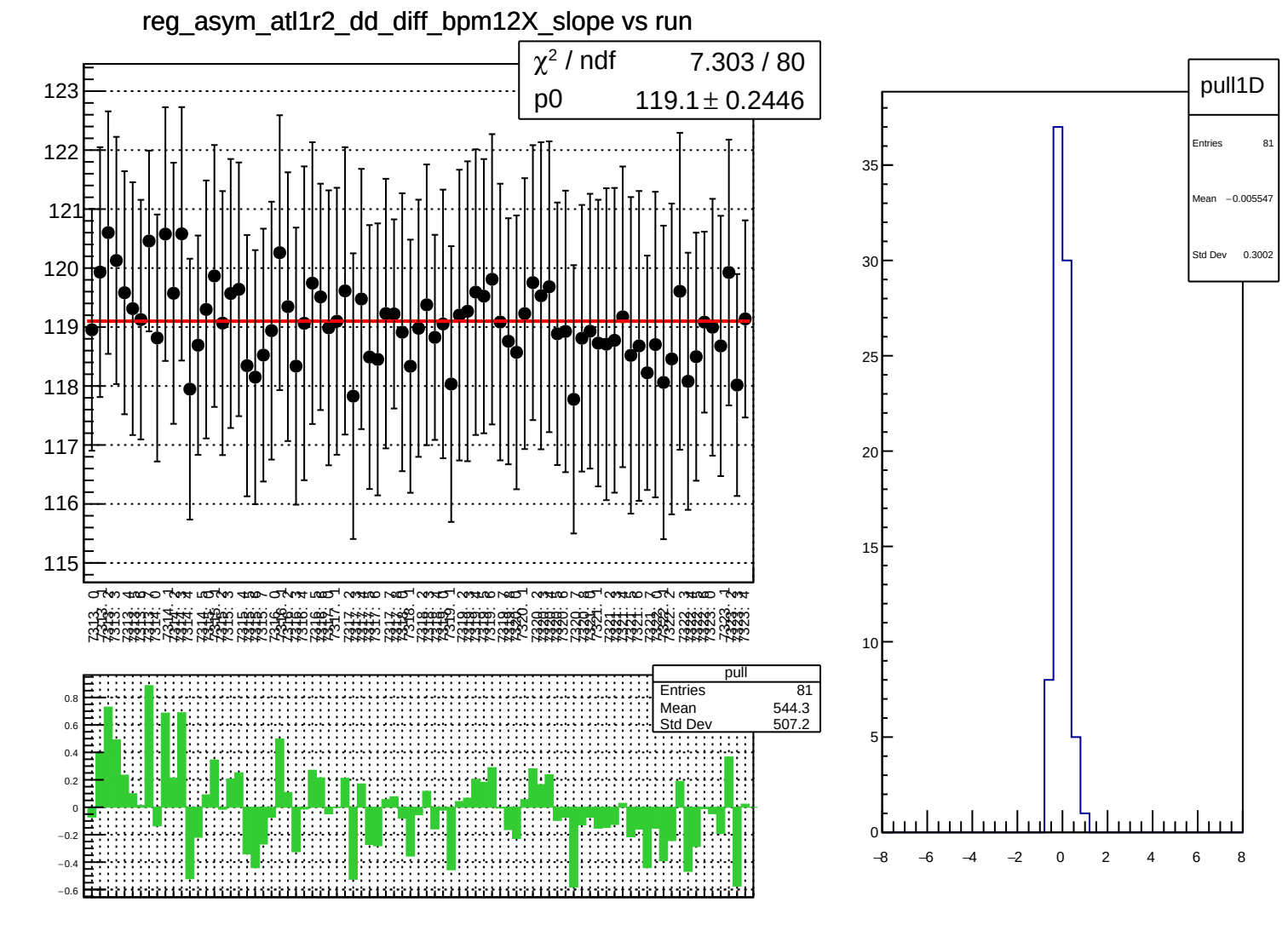

pull1D
Entries 81
Mean −0.04309
Std Dev 0.5708

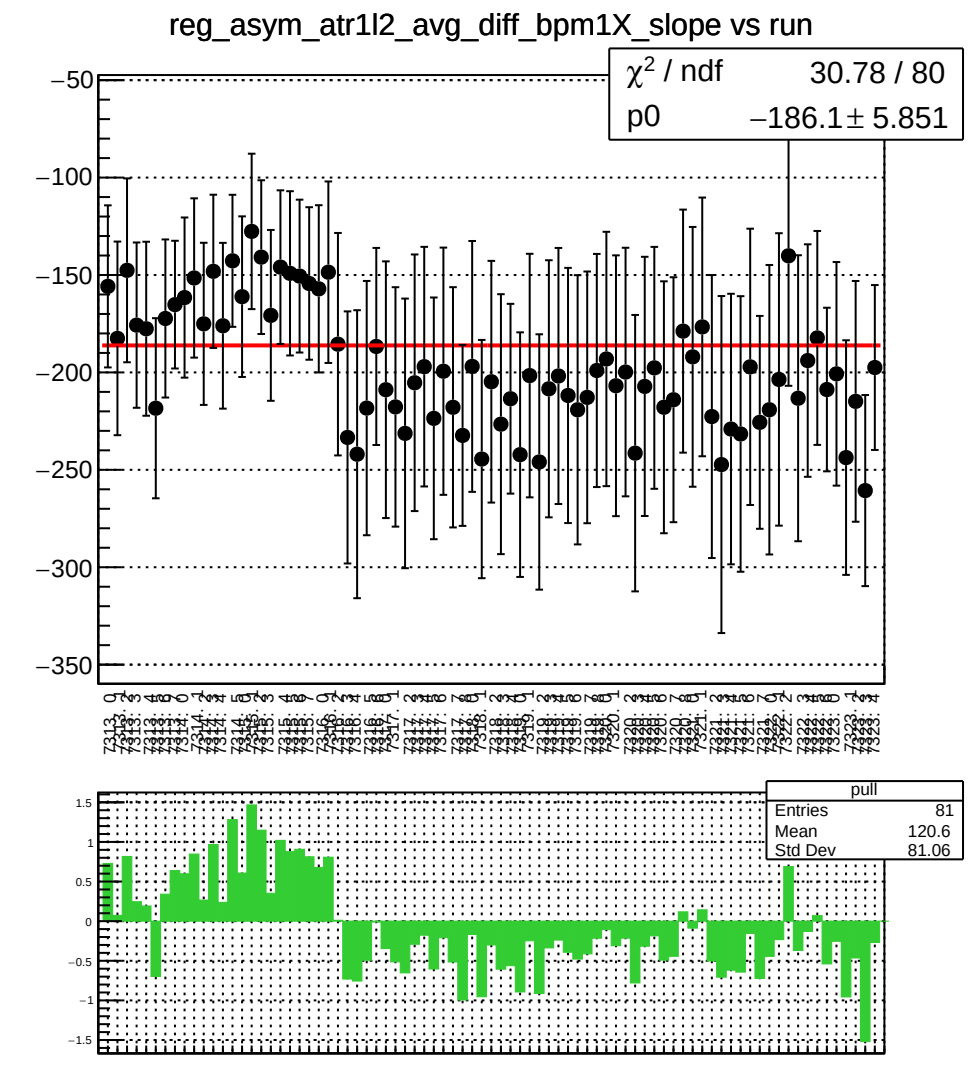

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs run
χ² / ndf 65.8 / 80
p0 −214.3 ± 6.26
pull
Entries 81
Mean 122.5
Std Dev 81.74

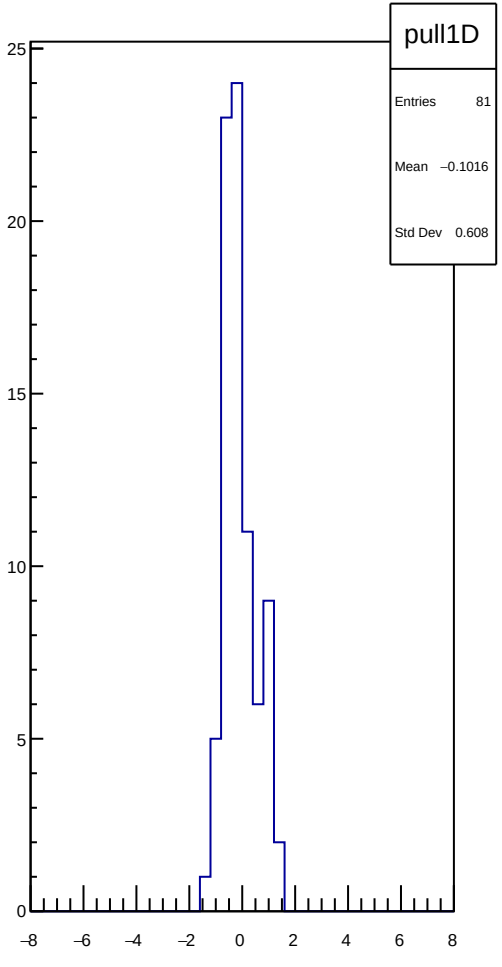

pull1D
Entries 81
Mean −0.1718
Std Dev 0.8848

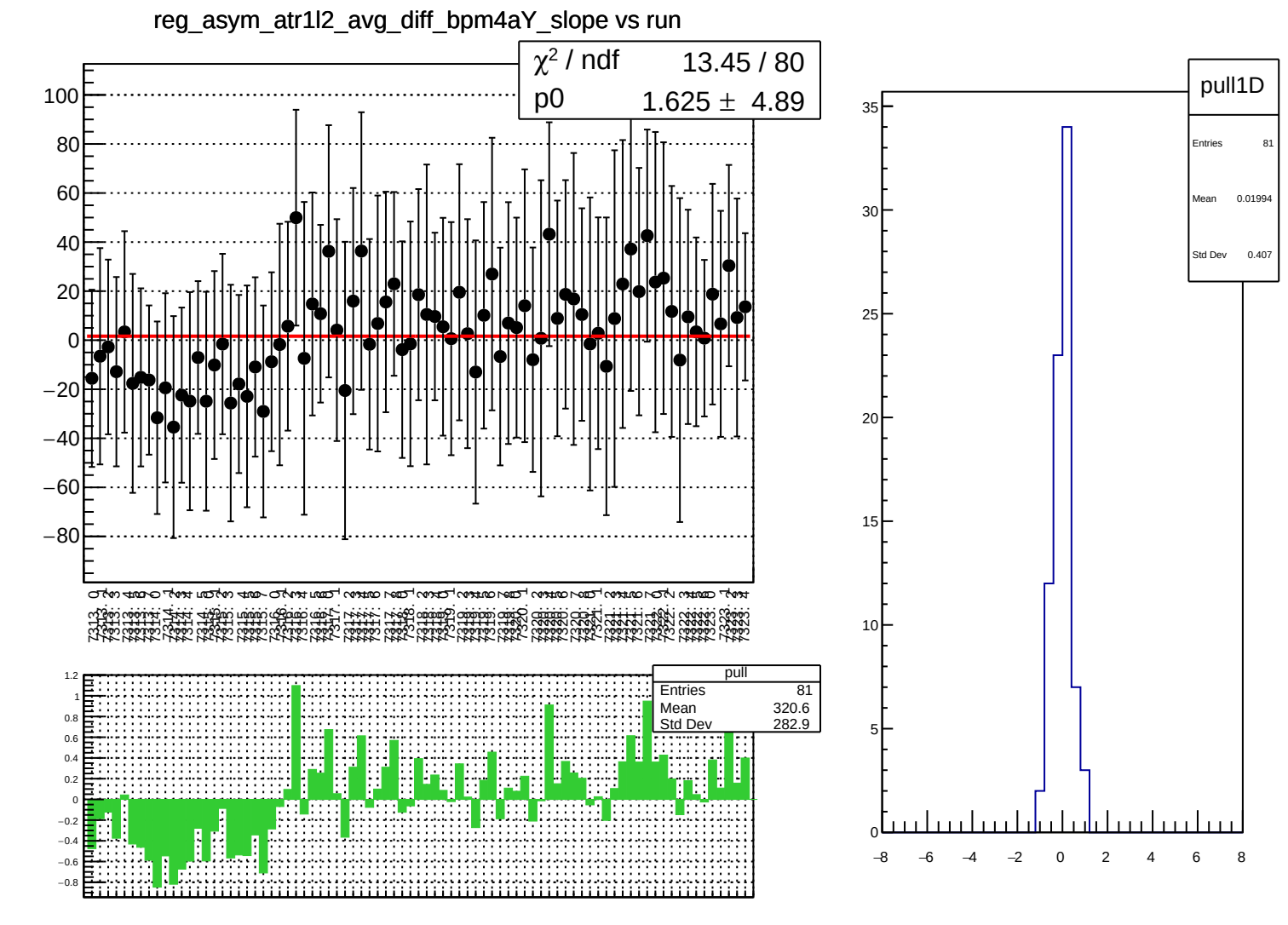

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs run
χ² / ndf 26.19 / 80
p0 −79.74 ± 5.717
pull
Entries 81
Mean 231.6
Std Dev 194.5

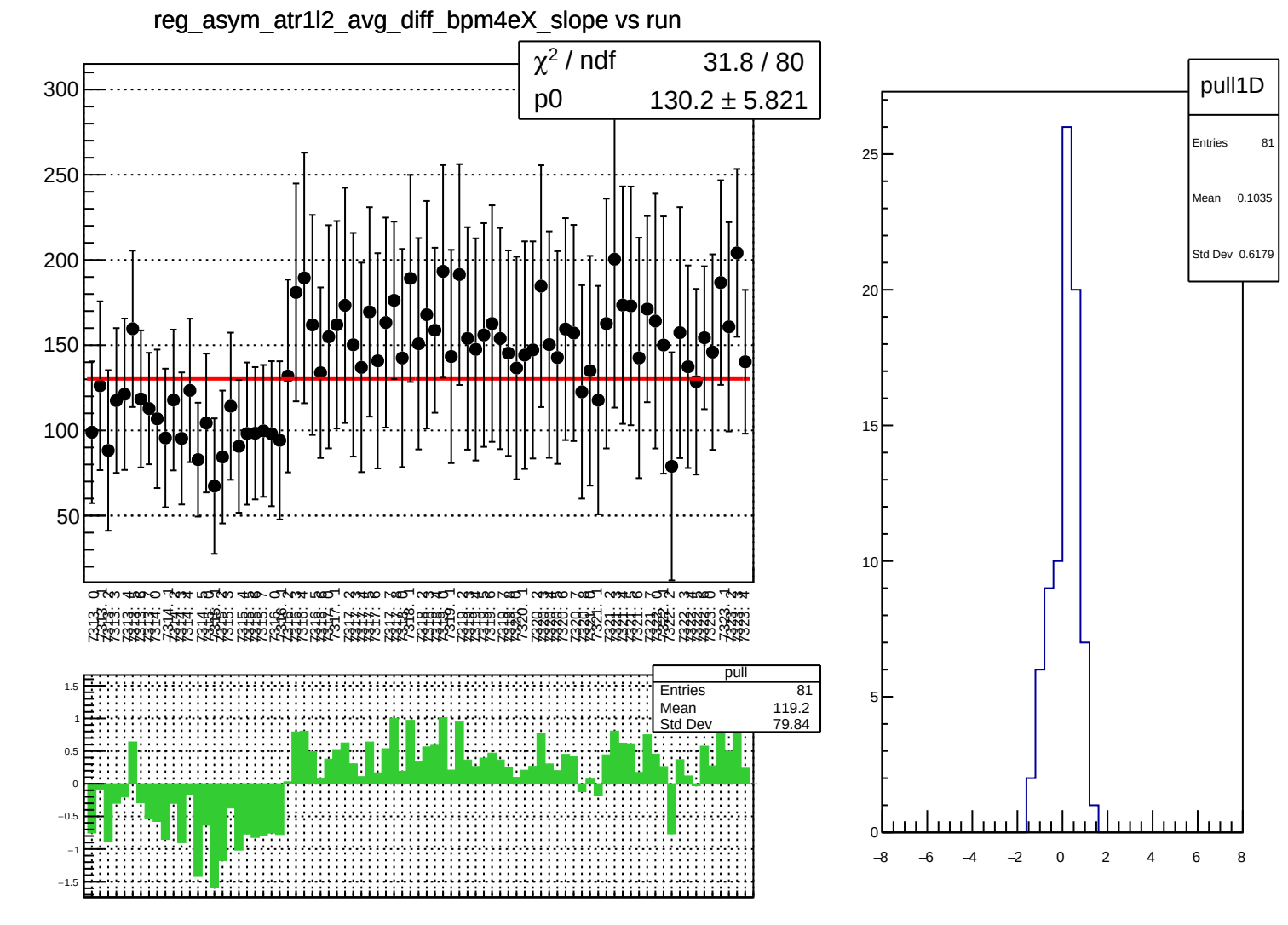

pull1D
Entries 81
Mean 0.0456
Std Dev 0.5667

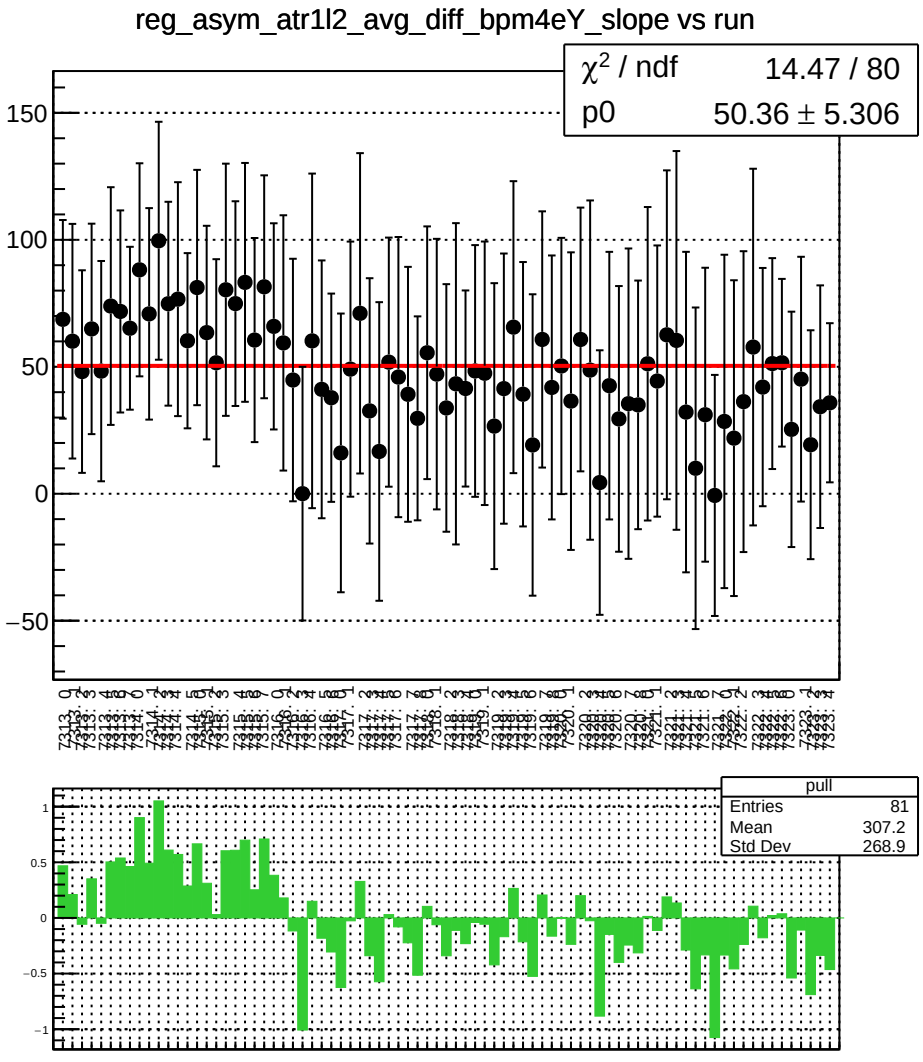

reg_asym_atl1r2_dd_diff_bpm12X_slope vs run
χ² / ndf 7.303 / 80
p0 119.1 ± 0.2446
pull
Entries 81
Mean 544.3
Std Dev 507.2
pull1D
Entries 81
Mean −0.005547
Std Dev 0.3002

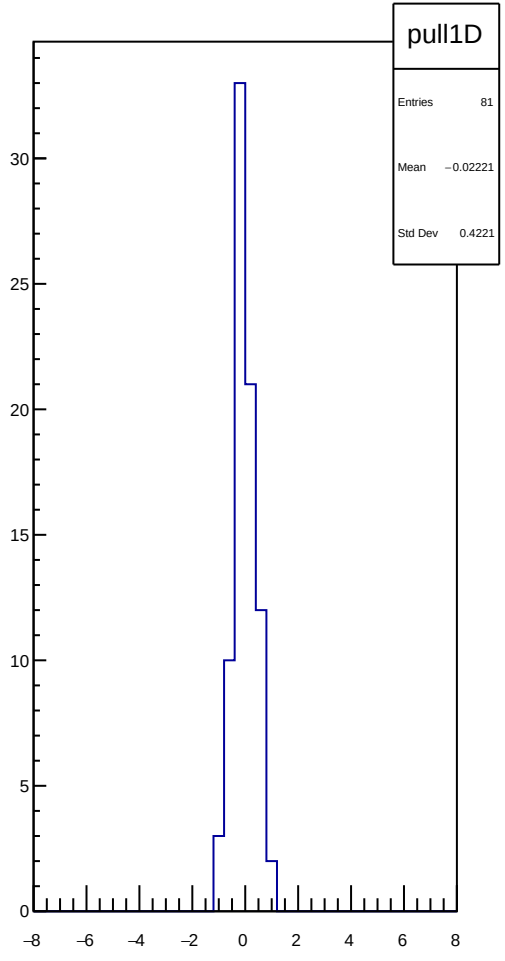

reg_asym_atr1l2_avg_diff_bpm1X_slope vs run
χ² / ndf 30.78 / 80
p0 −186.1 ± 5.851
pull
Entries 81
Mean 120.6
Std Dev 81.06

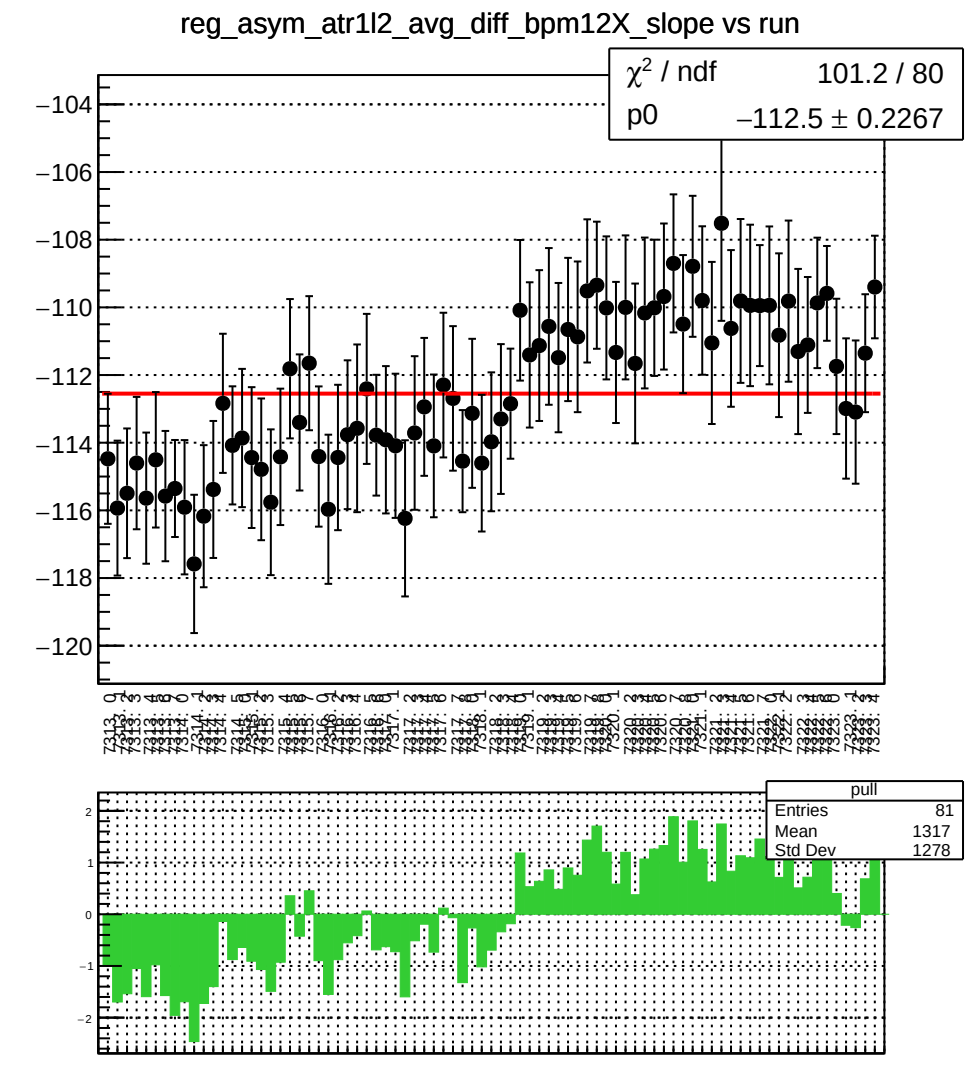

pull1D
Entries 81
Mean −0.1016
Std Dev 0.608

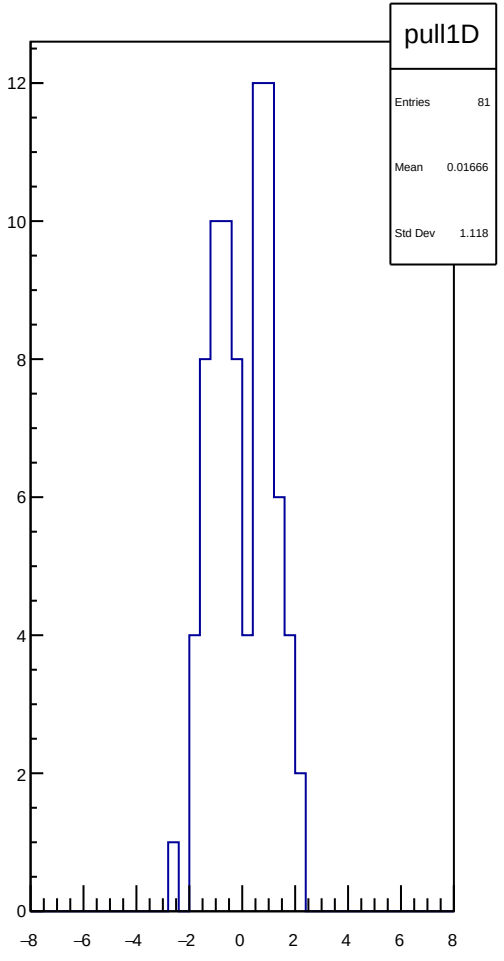

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs run
χ² / ndf 13.45 / 80
p0 1.625 ± 4.89
pull
Entries 81
Mean 320.6
Std Dev 282.9
pull1D
Entries 81
Mean 0.01994
Std Dev 0.407

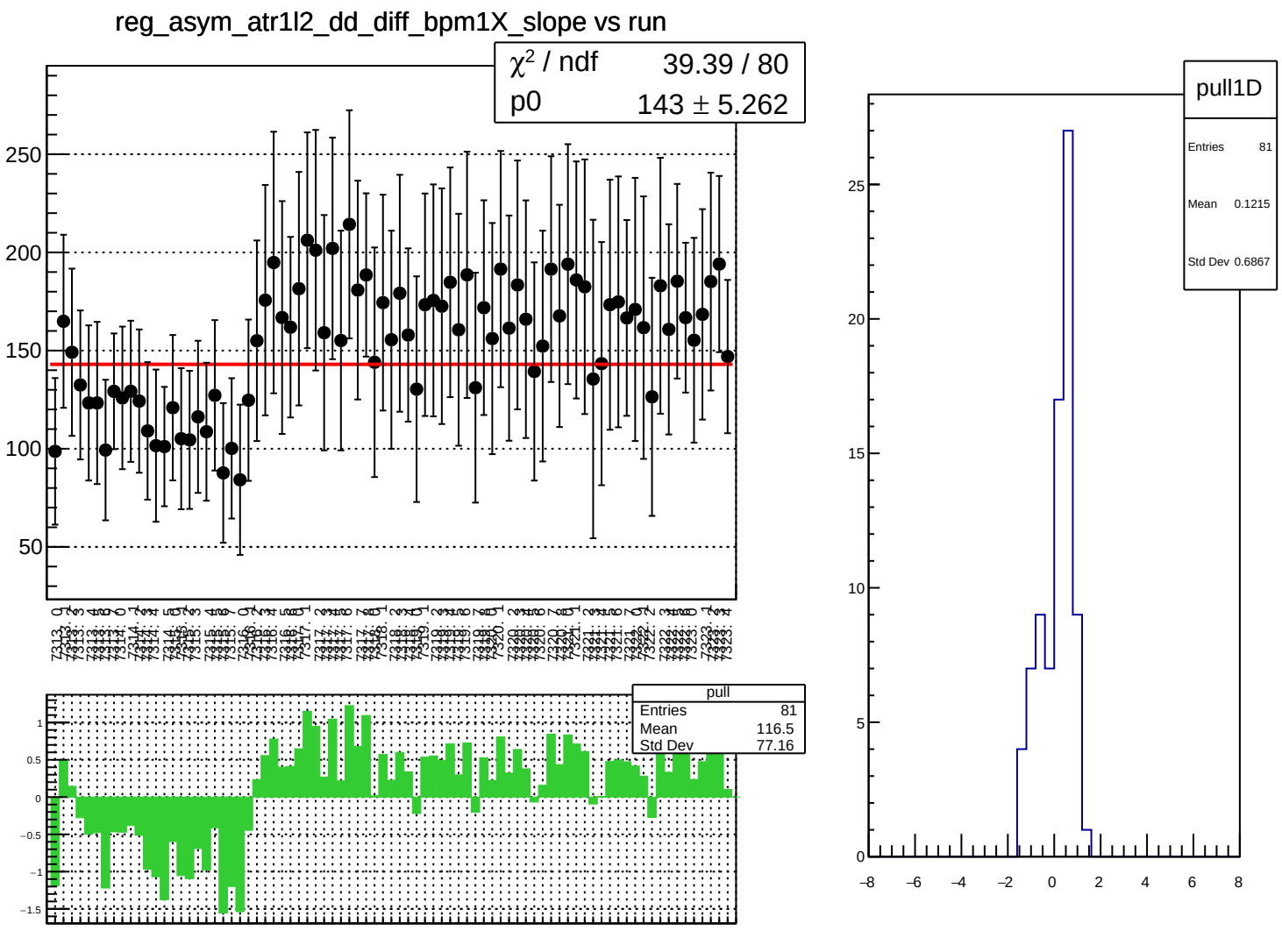

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs run
χ² / ndf 31.8 / 80
p0 130.2 ± 5.821
pull
Entries 81
Mean 119.2
Std Dev 79.84
pull1D
Entries 81
Mean 0.1035
Std Dev 0.6179

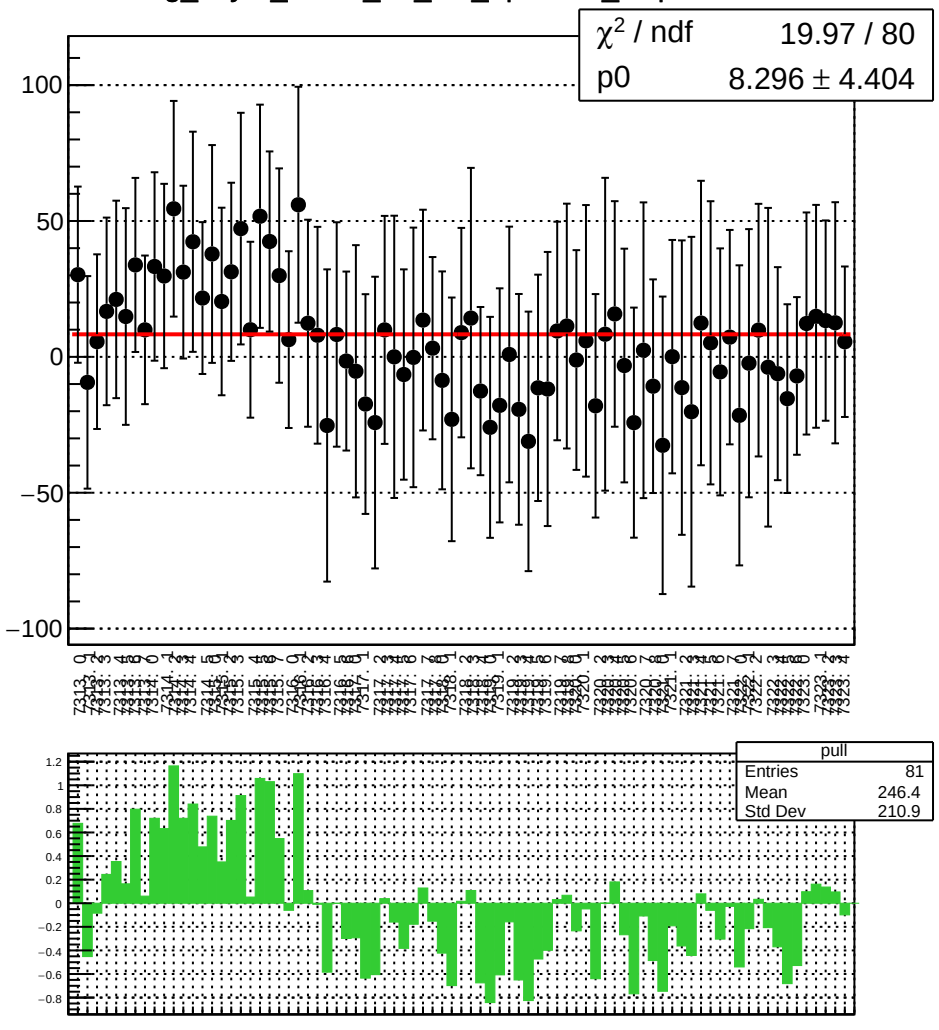

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs run
χ² / ndf 14.47 / 80
p0 50.36 ± 5.306
150
100
50
0
−50
pull
Entries 81
Mean 307.2
Std Dev 268.9
1
0.5
0
−0.5
−1

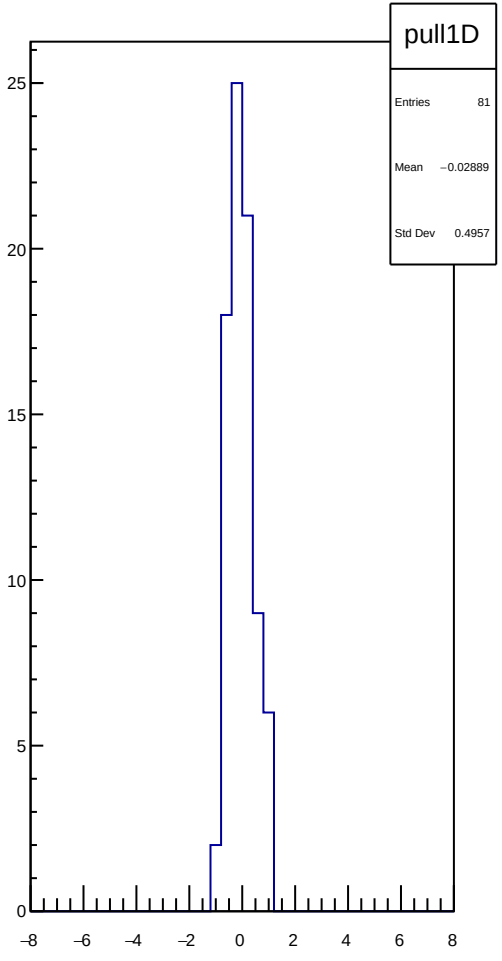

pull1D
Entries 81
Mean −0.02221
Std Dev 0.4221
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

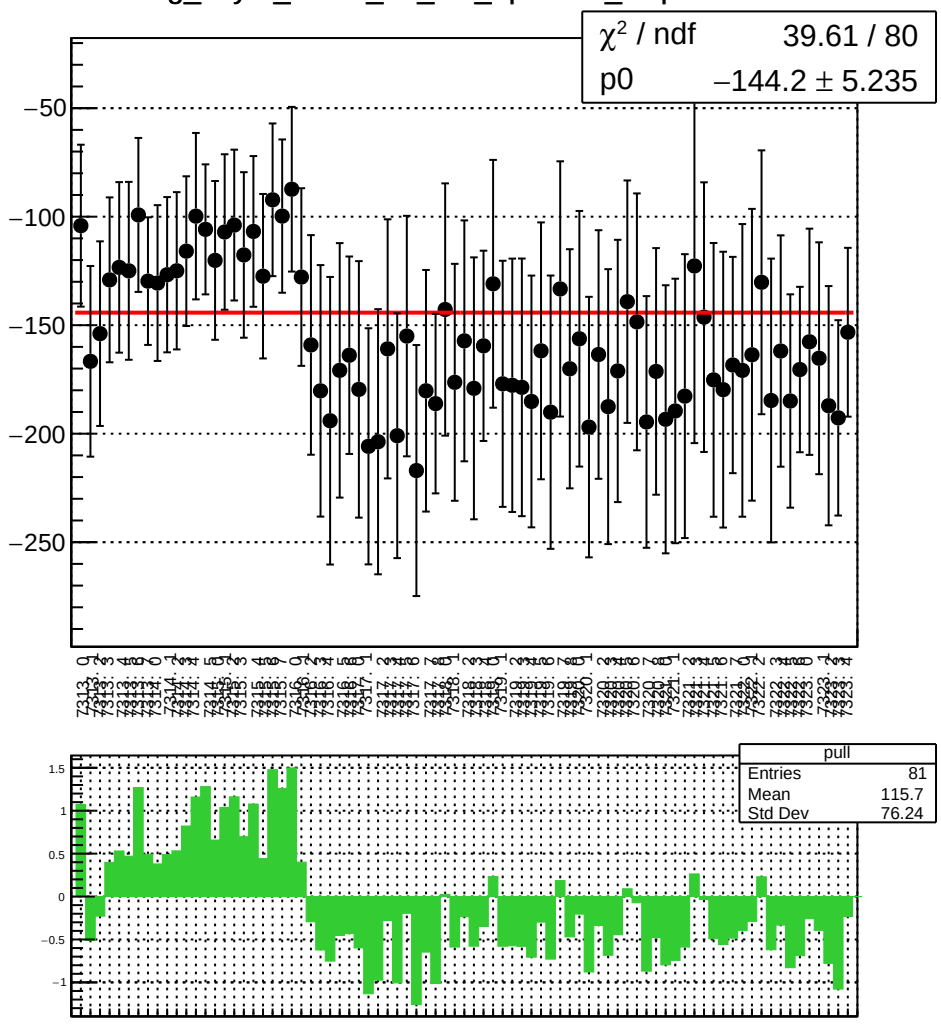

reg_asym_atr1l2_avg_diff_bpm12X_slope vs run
χ² / ndf 101.2 / 80
p0 −112.5 ± 0.2267
pull
Entries 81
Mean 1317
Std Dev 1278

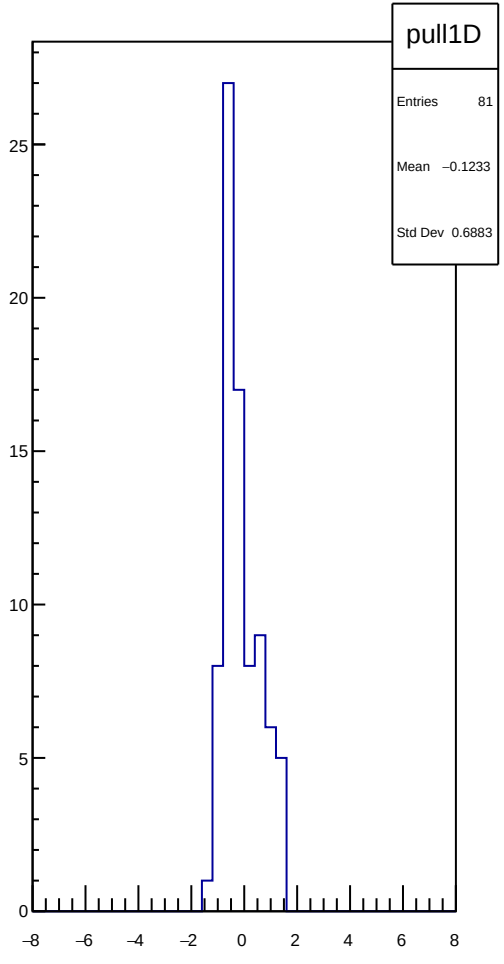

pull1D
Entries 81
Mean 0.01666
Std Dev 1.118

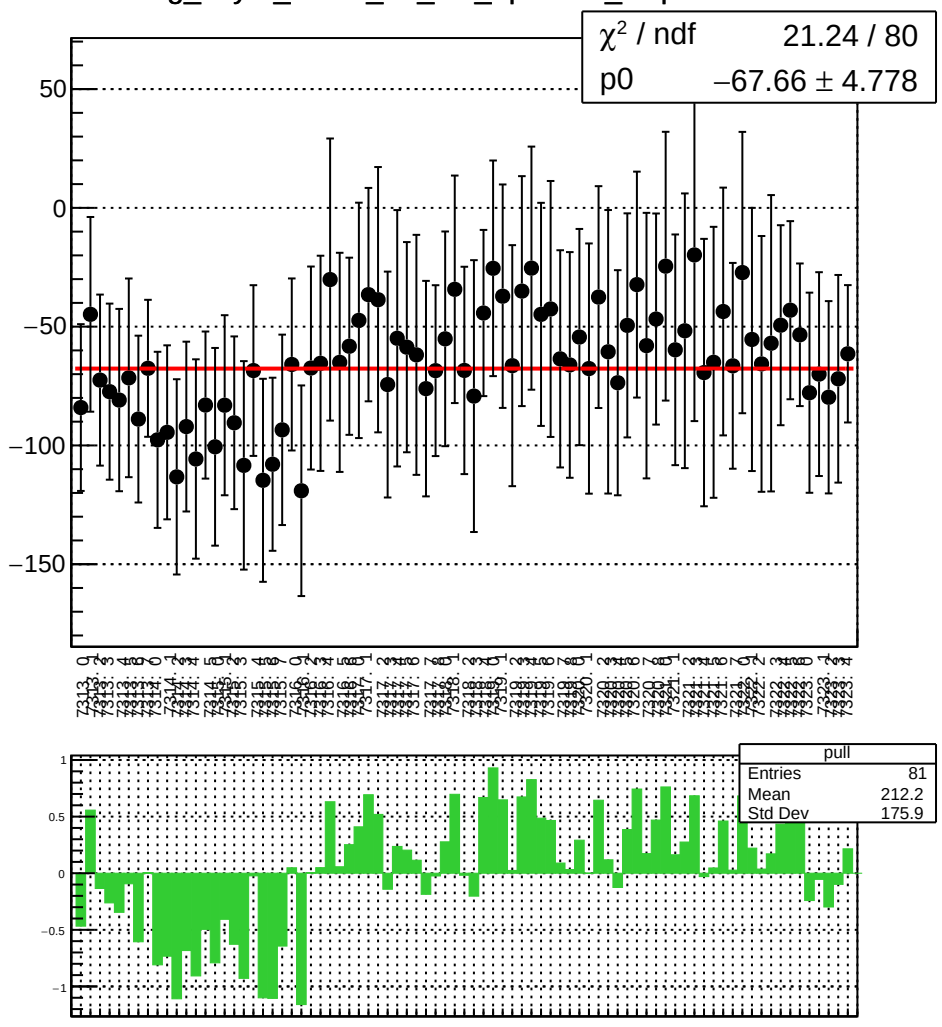

reg_asym_atr1l2_dd_diff_bpm1X_slope vs run
χ² / ndf 39.39 / 80
p0 143 ± 5.262
250
200
150
100
50
pull
Entries 81
Mean 116.5
Std Dev 77.16
1
0.5
0
−0.5
−1
−1.5
pull1D
Entries 81
Mean 0.1215
Std Dev 0.6867
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

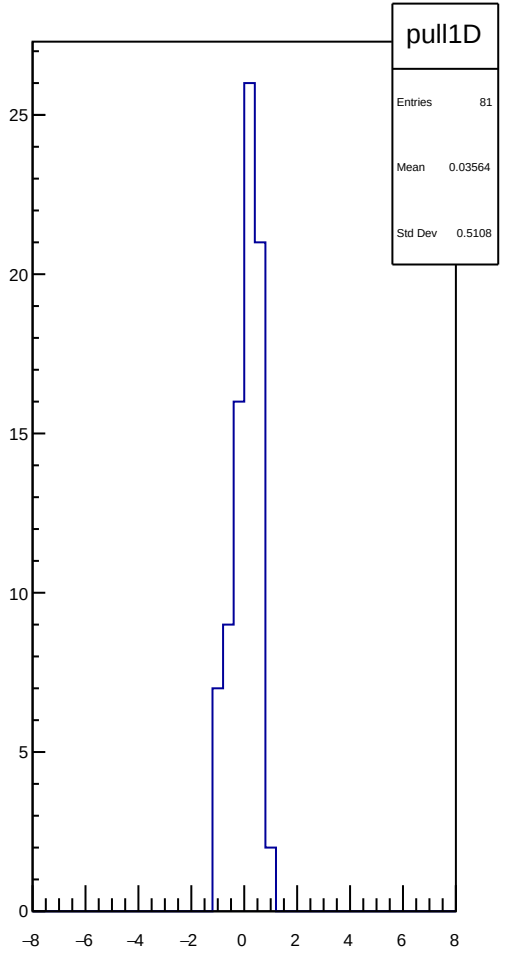

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs run
χ² / ndf 19.97 / 80
p0 8.296 ± 4.404
pull
Entries 81
Mean 246.4
Std Dev 210.9

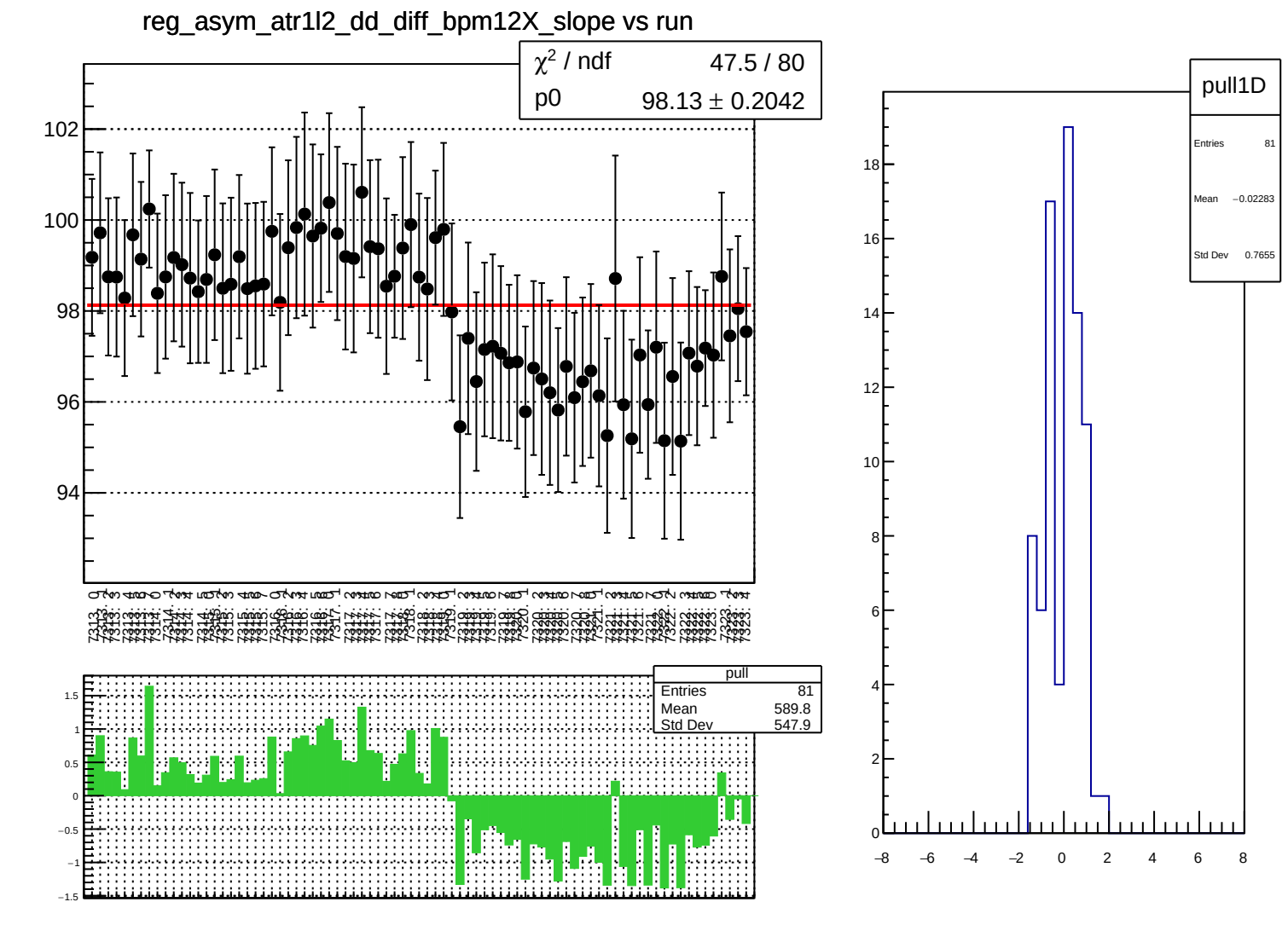

pull1D
Entries 81
Mean −0.02889
Std Dev 0.4957

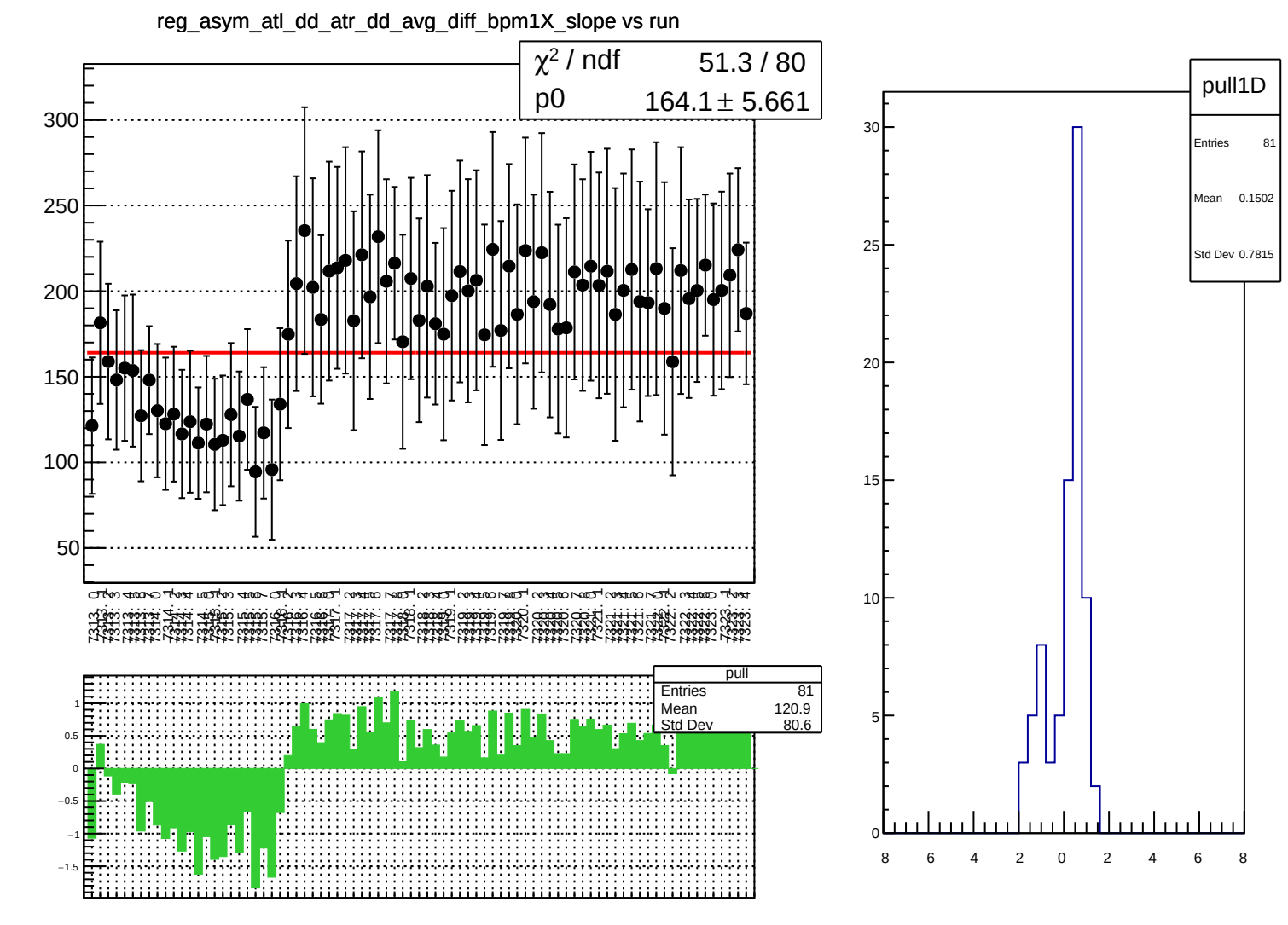

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs run
χ² / ndf 39.61 / 80
p0 −144.2 ± 5.235
−50
−100
−150
−200
−250
pull
Entries 81
Mean 115.7
Std Dev 76.24
1.5
1
0.5
0
−0.5
−1

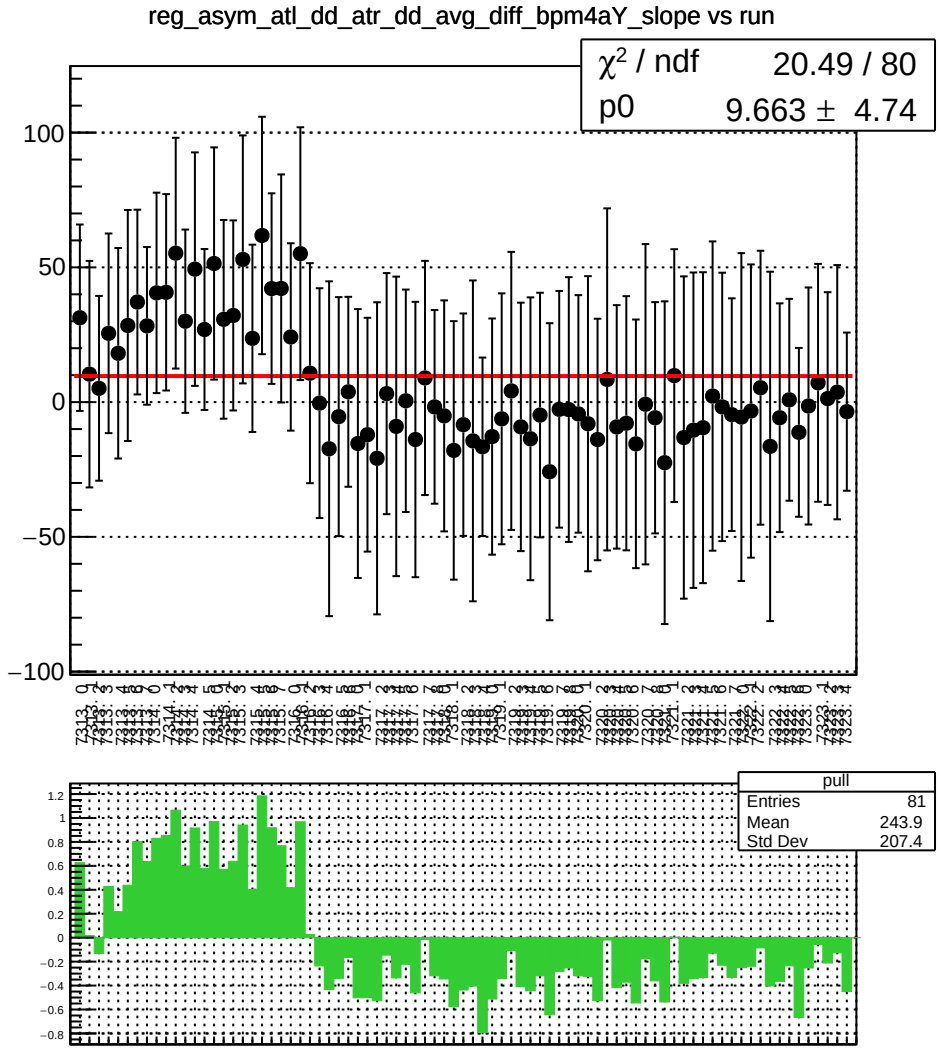

pull1D
Entries 81
Mean −0.1233
Std Dev 0.6883
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

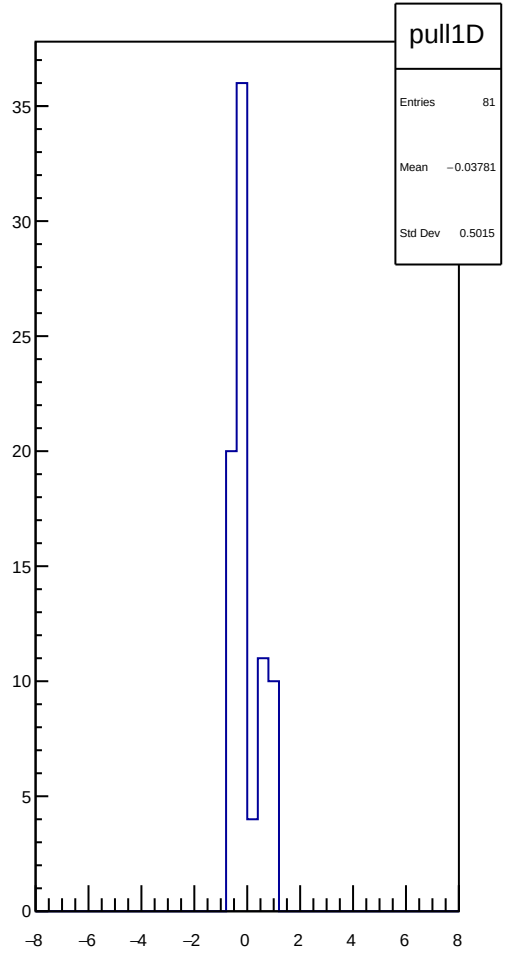

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs run
χ² / ndf 21.24 / 80
p0 −67.66 ± 4.778
pull
Entries 81
Mean 212.2
Std Dev 175.9

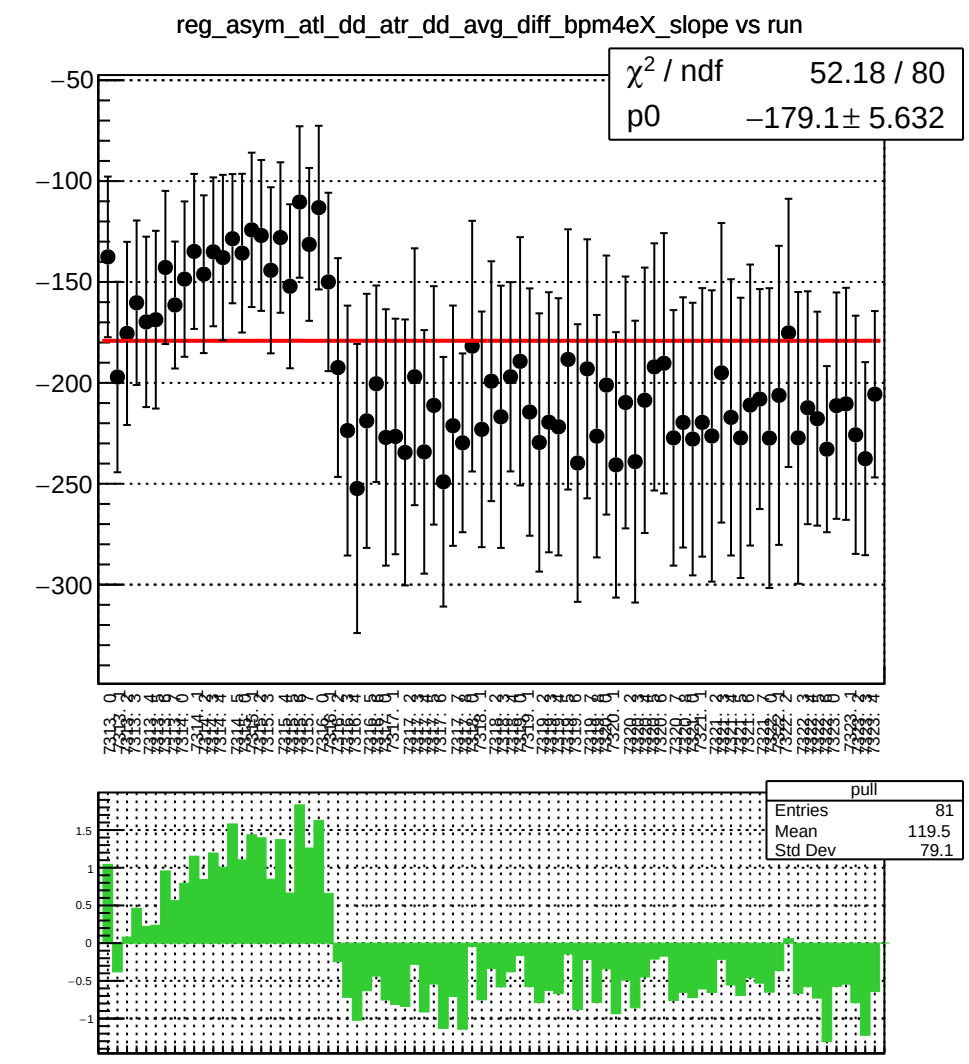

pull1D
Entries 81
Mean 0.03564
Std Dev 0.5108

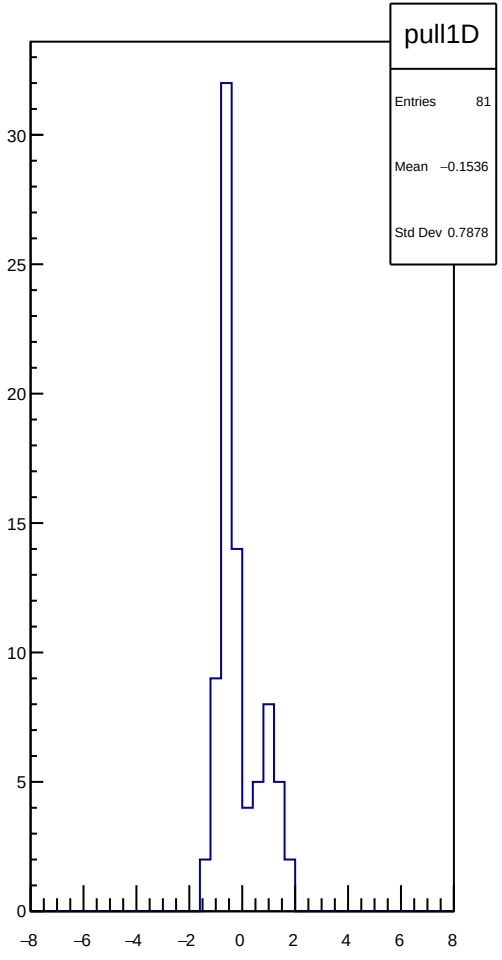

reg_asym_atr1l2_dd_diff_bpm12X_slope vs run
χ² / ndf 47.5 / 80
p0 98.13 ± 0.2042
102
100
98
96
94
pull
Entries 81
Mean 589.8
Std Dev 547.9
1.5
1
0.5
0
−0.5
−1
−1.5
pull1D
Entries 81
Mean −0.02283
Std Dev 0.7655
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

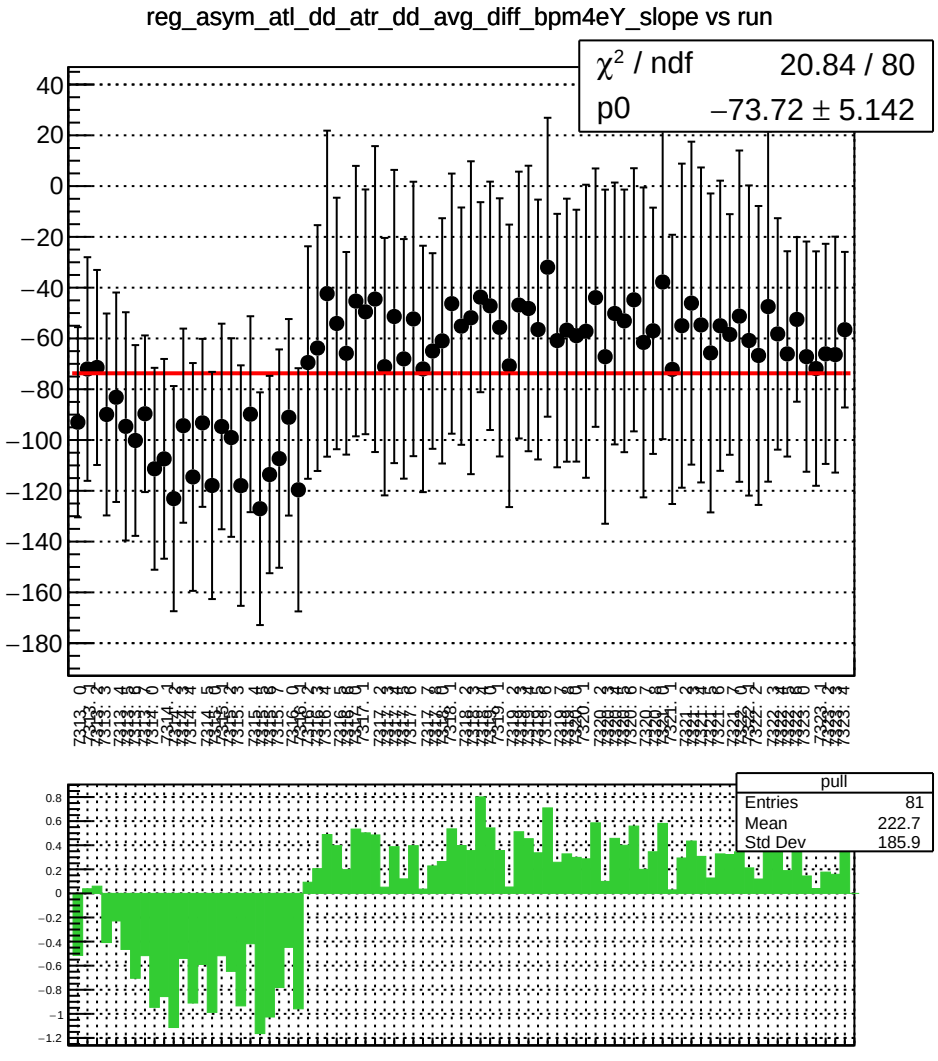

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs run
χ² / ndf 51.3 / 80
p0 164.1 ± 5.661
pull
Entries 81
Mean 120.9
Std Dev 80.6
pull1D
Entries 81
Mean 0.1502
Std Dev 0.7815

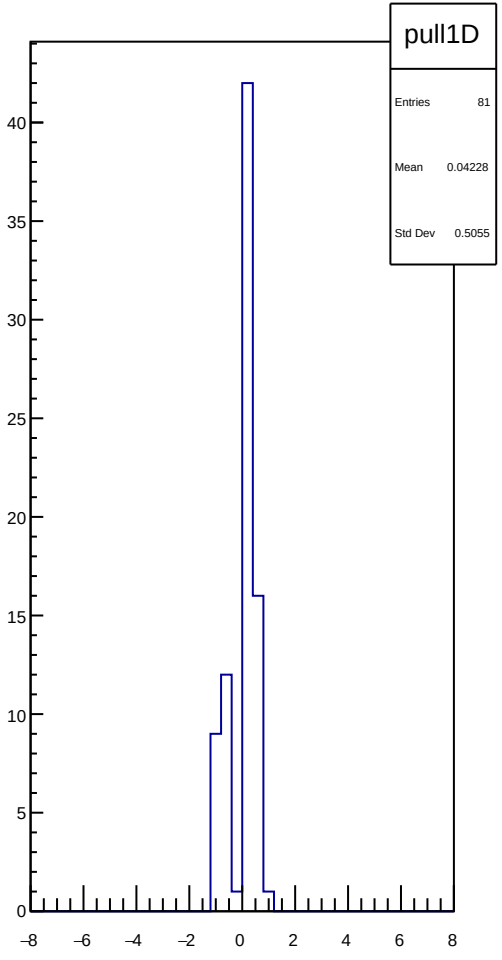

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs run
χ² / ndf 20.49 / 80
p0 9.663 ± 4.74
pull
Entries 81
Mean 243.9
Std Dev 207.4

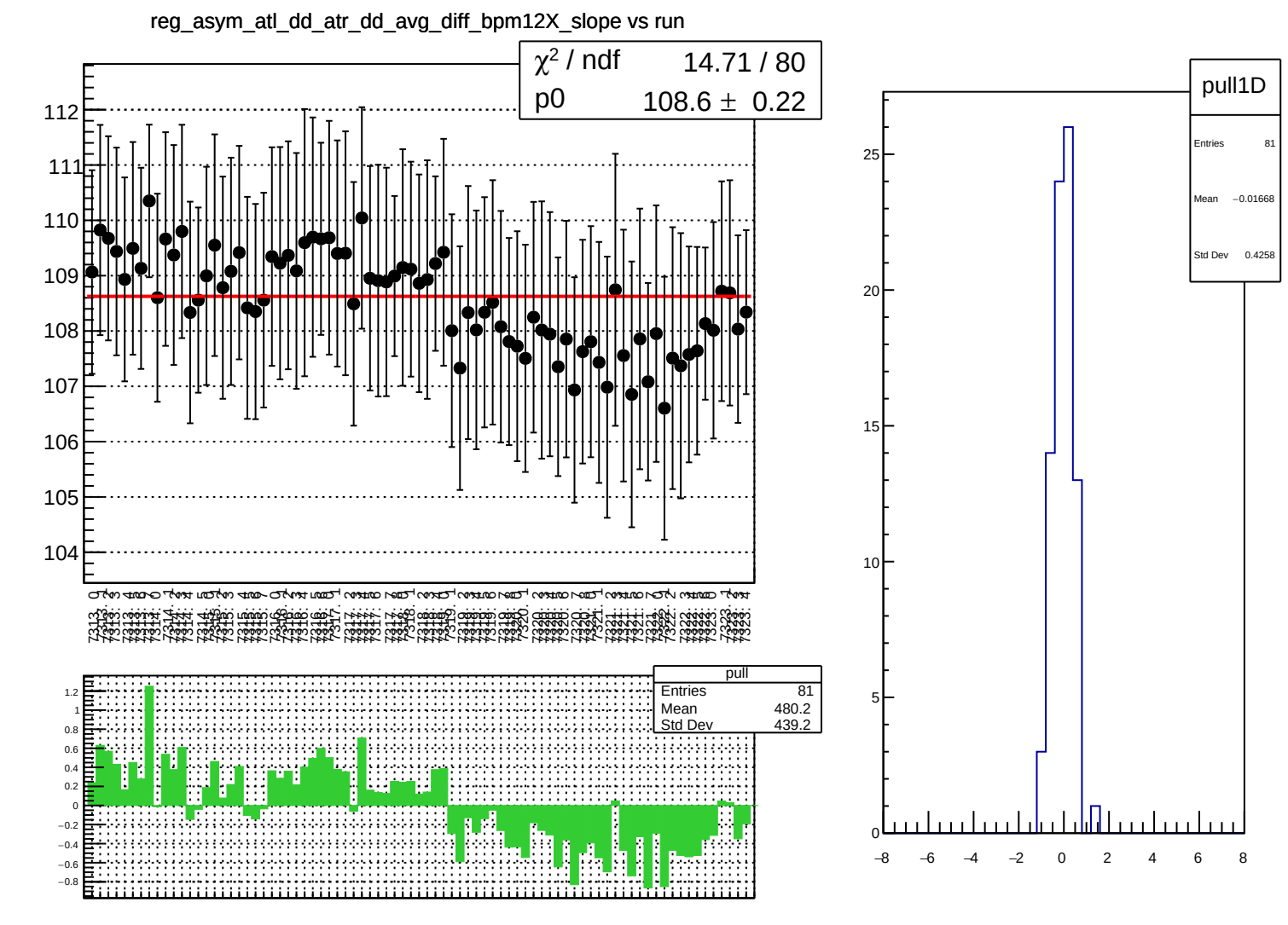

pull1D
Entries 81
Mean −0.03781
Std Dev 0.5015

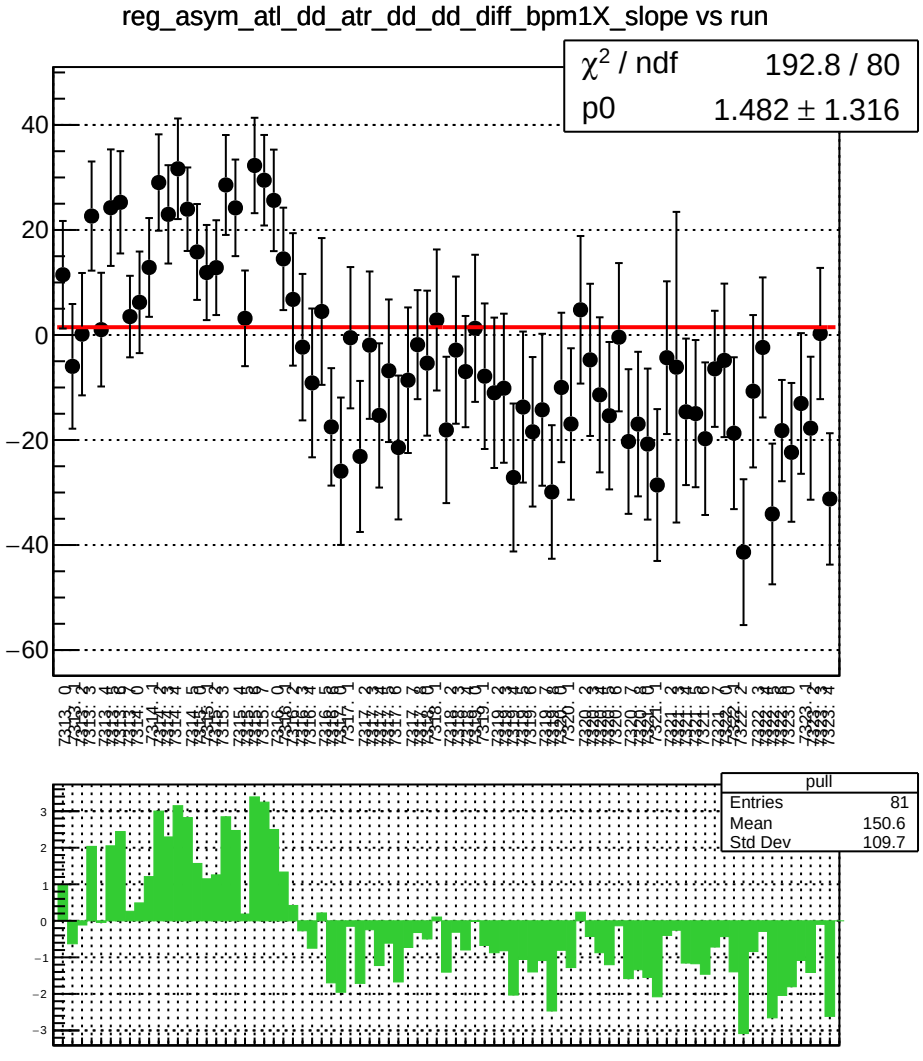

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs run
χ² / ndf 52.18 / 80
p0 −179.1± 5.632
pull
Entries 81
Mean 119.5
Std Dev 79.1

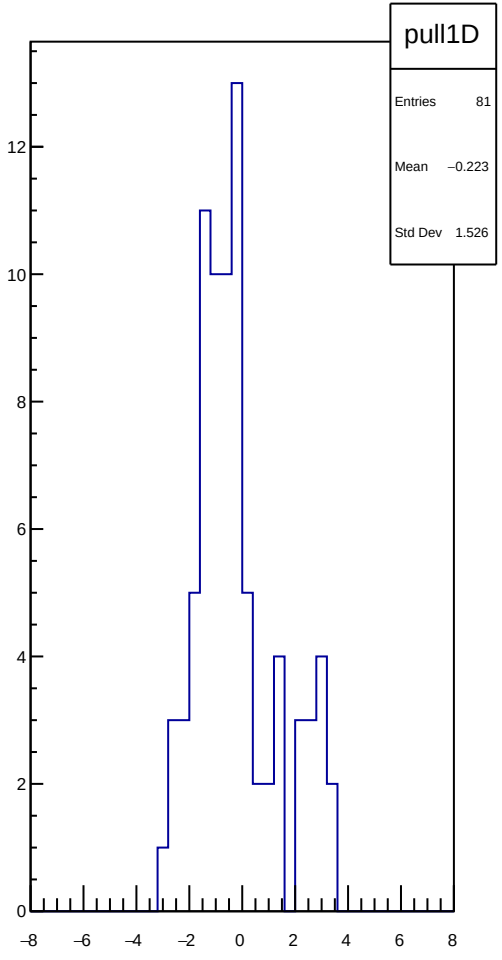

pull1D
Entries 81
Mean −0.1536
Std Dev 0.7878

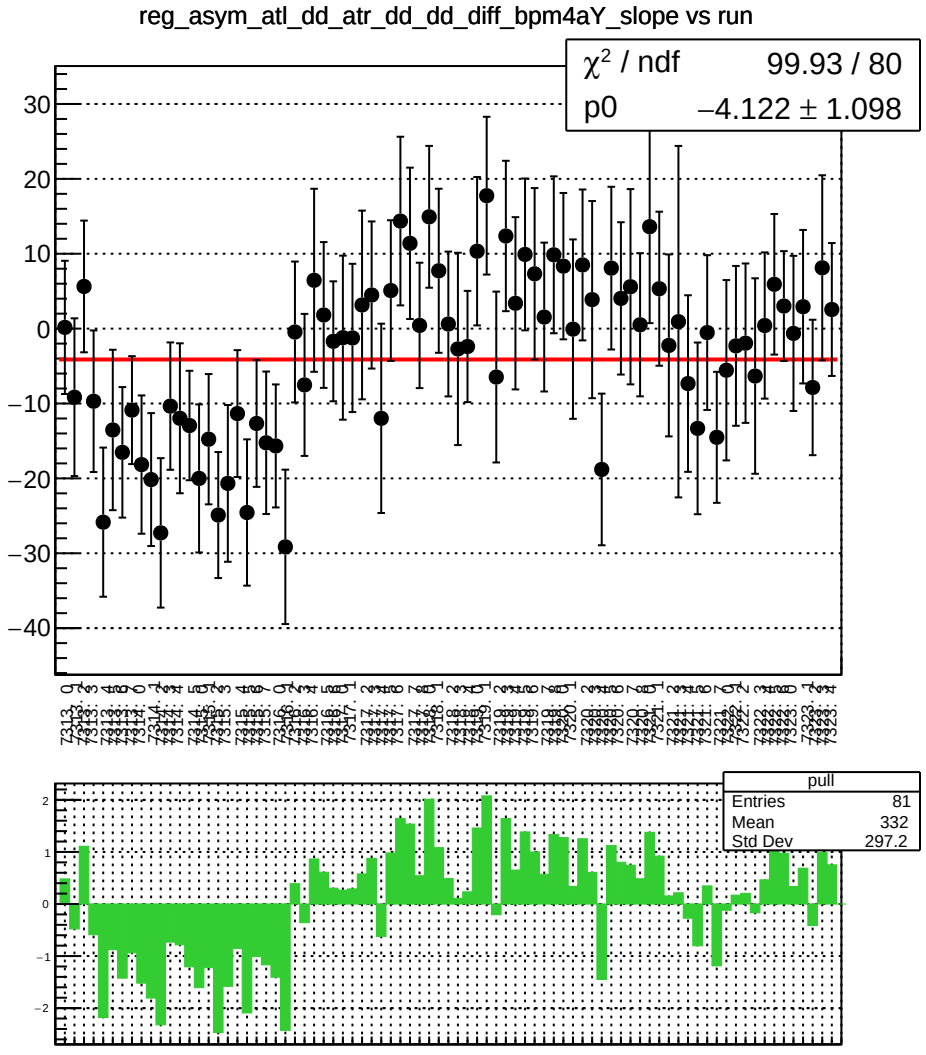

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs run
χ² / ndf 20.84 / 80
p0 −73.72 ± 5.142
pull
Entries 81
Mean 222.7
Std Dev 185.9

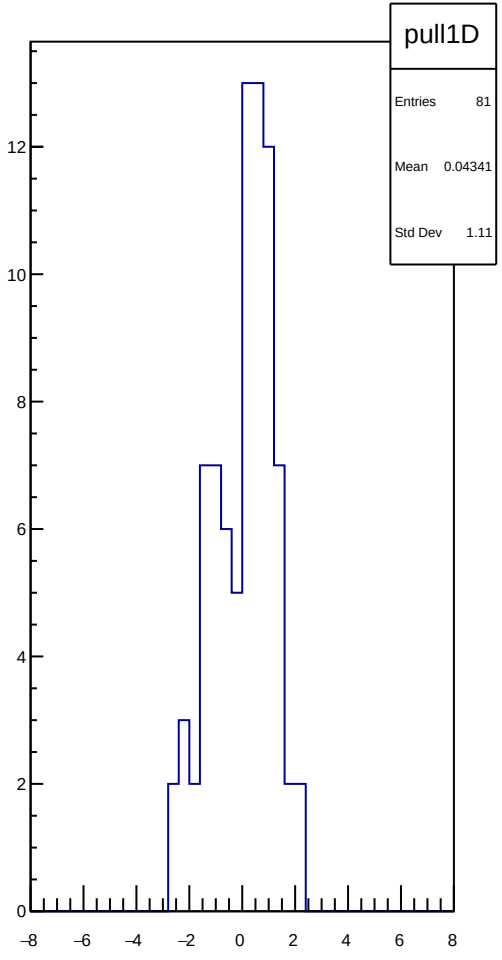

pull1D
Entries 81
Mean 0.04228
Std Dev 0.5055

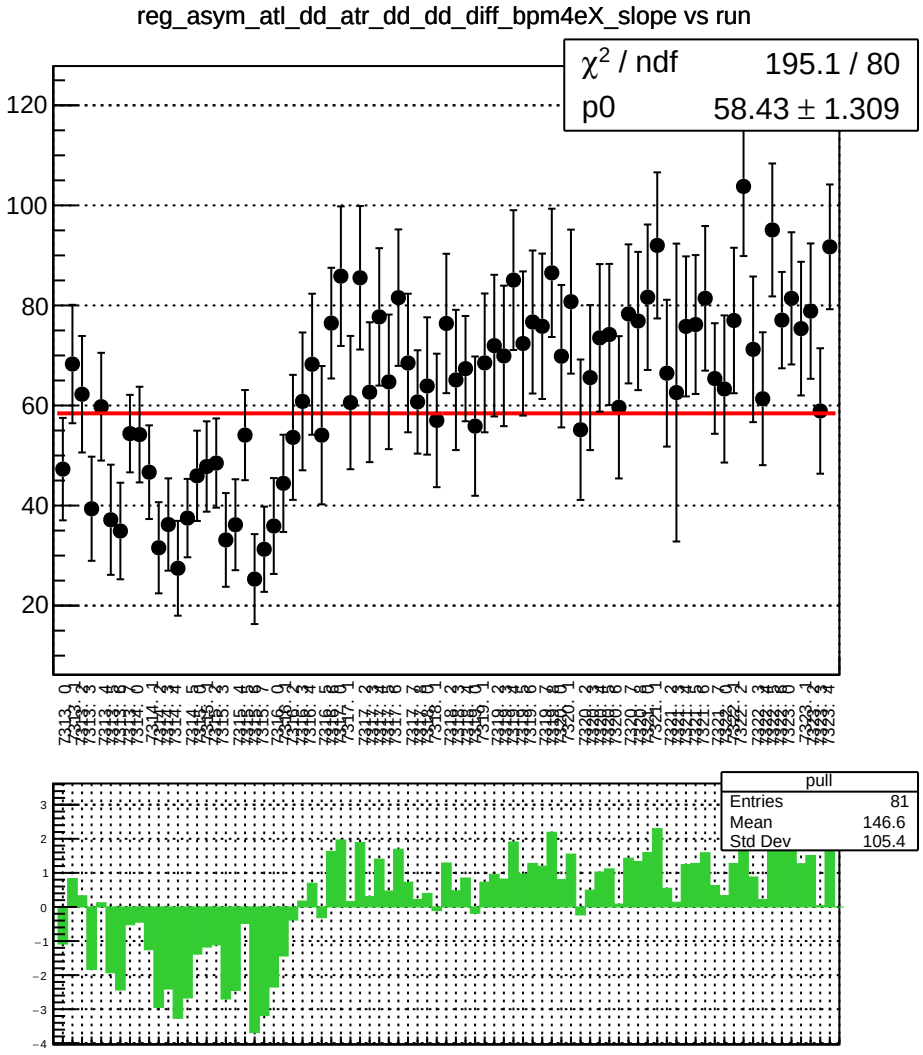

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs run
χ² / ndf 14.71 / 80
p0 108.6 ± 0.22
pull
Entries 81
Mean 480.2
Std Dev 439.2
pull1D
Entries 81
Mean −0.01668
Std Dev 0.4258

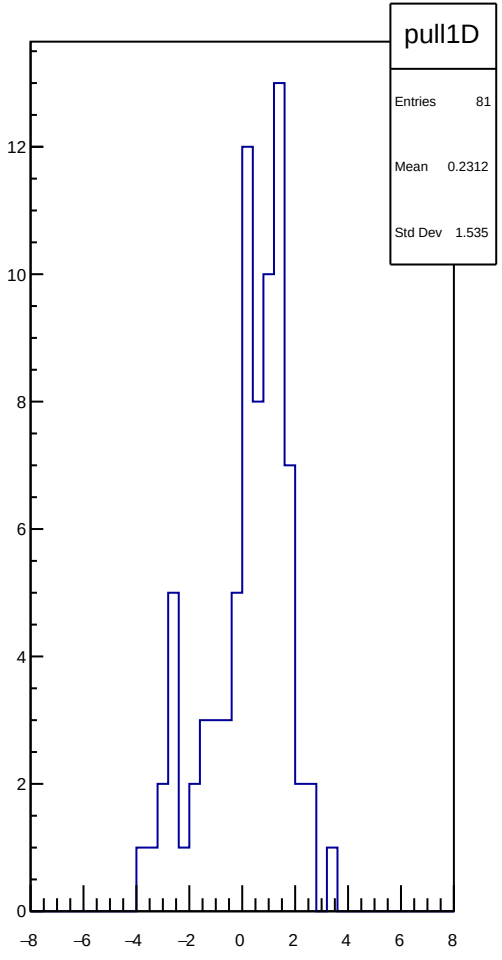

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs run
χ² / ndf 192.8 / 80
p0 1.482 ± 1.316
pull
Entries 81
Mean 150.6
Std Dev 109.7

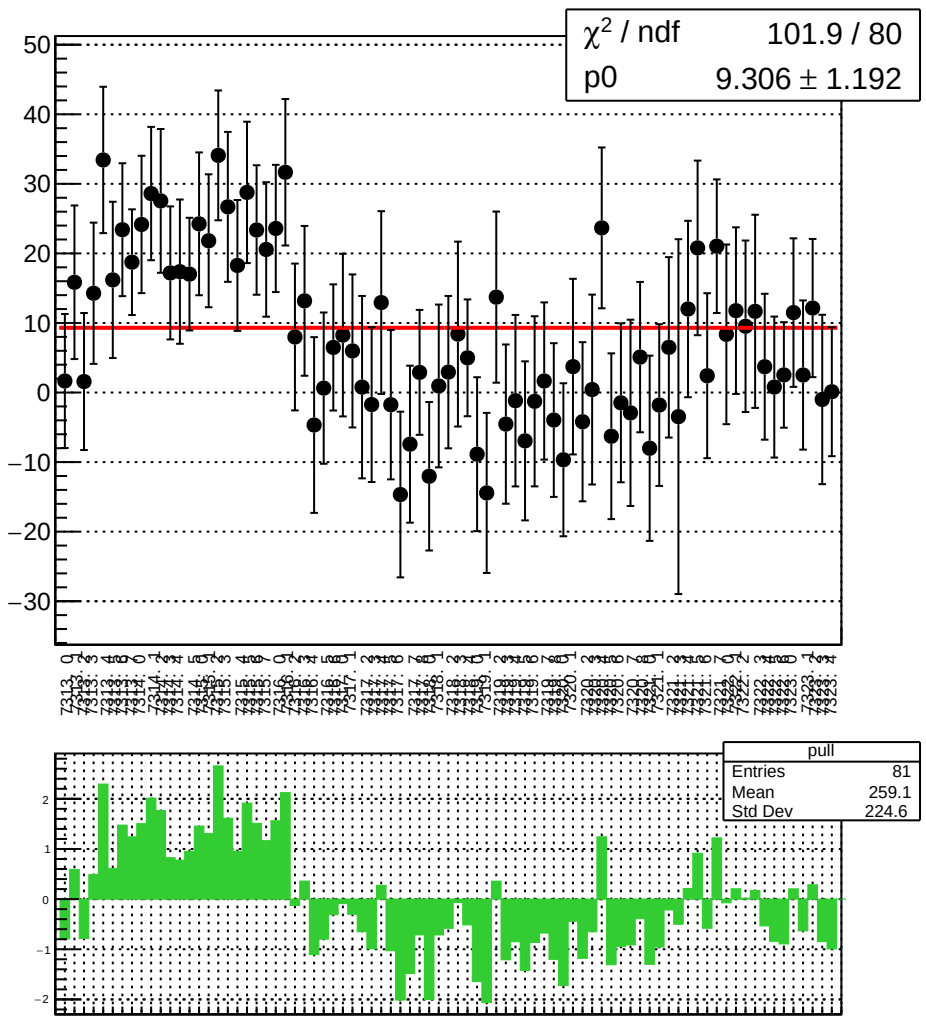

pull1D
Entries 81
Mean −0.223
Std Dev 1.526

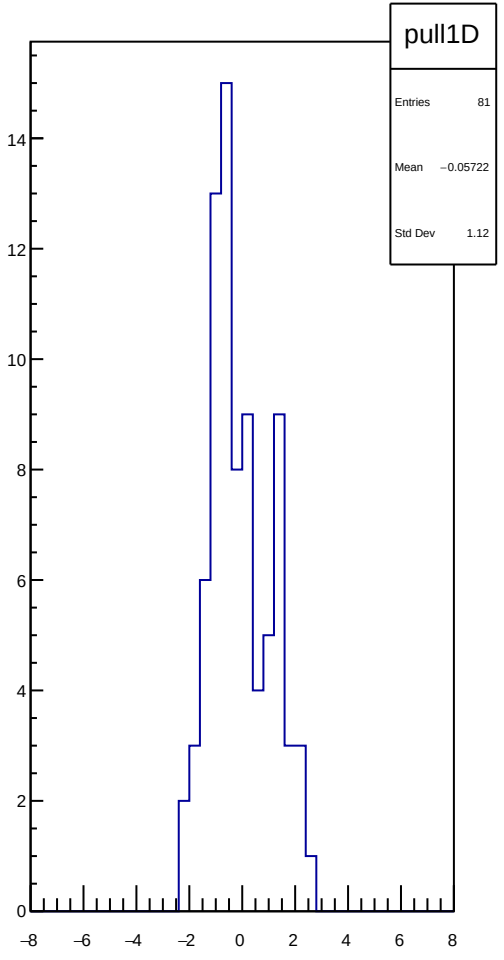

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs run
χ² / ndf 99.93 / 80
p0 −4.122 ± 1.098
pull
Entries 81
Mean 332
Std Dev 297.2

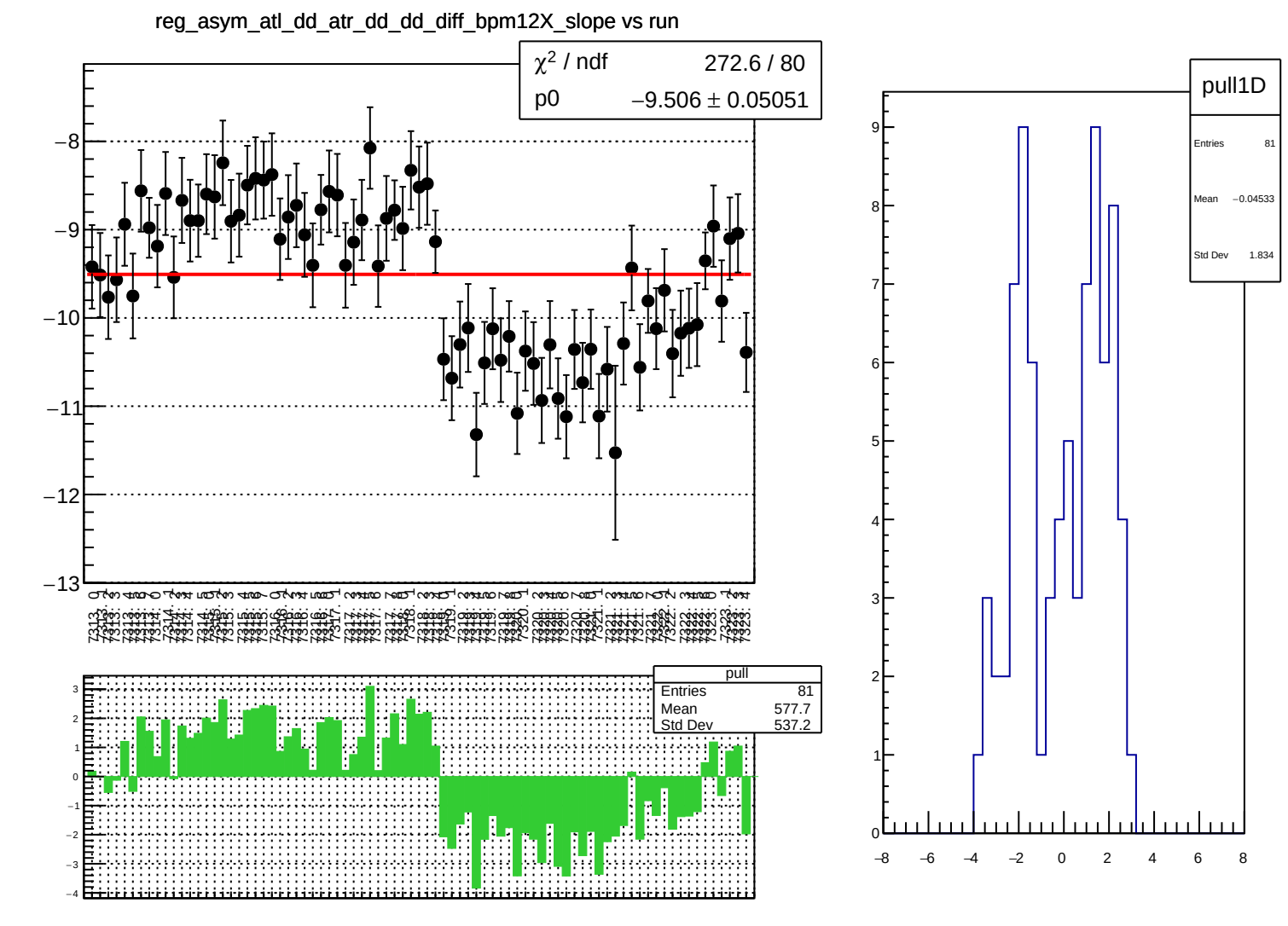

pull1D
Entries 81
Mean 0.04341
Std Dev 1.11

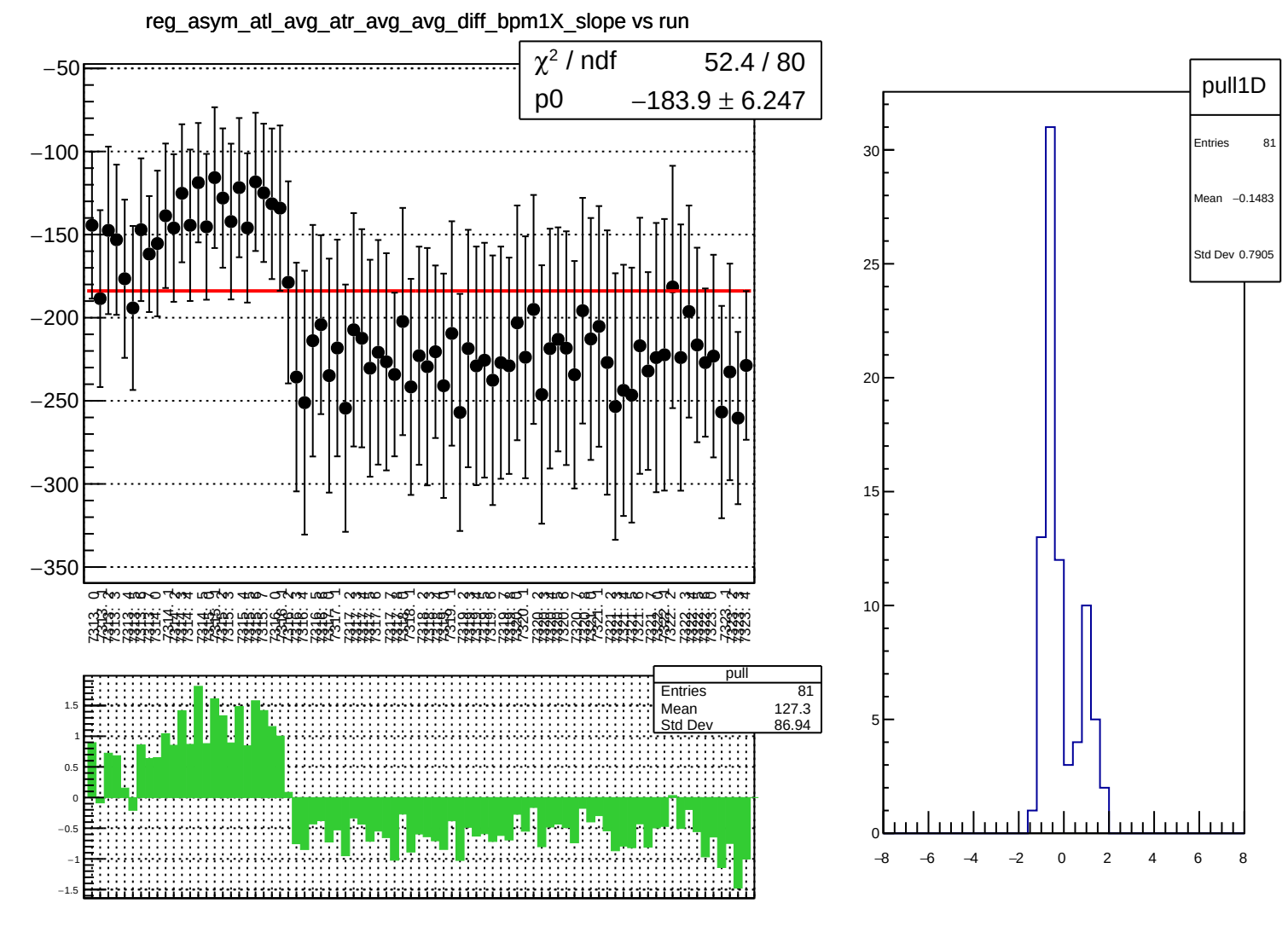

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs run
χ² / ndf 195.1 / 80
p0 58.43 ± 1.309
pull
Entries 81
Mean 146.6
Std Dev 105.4

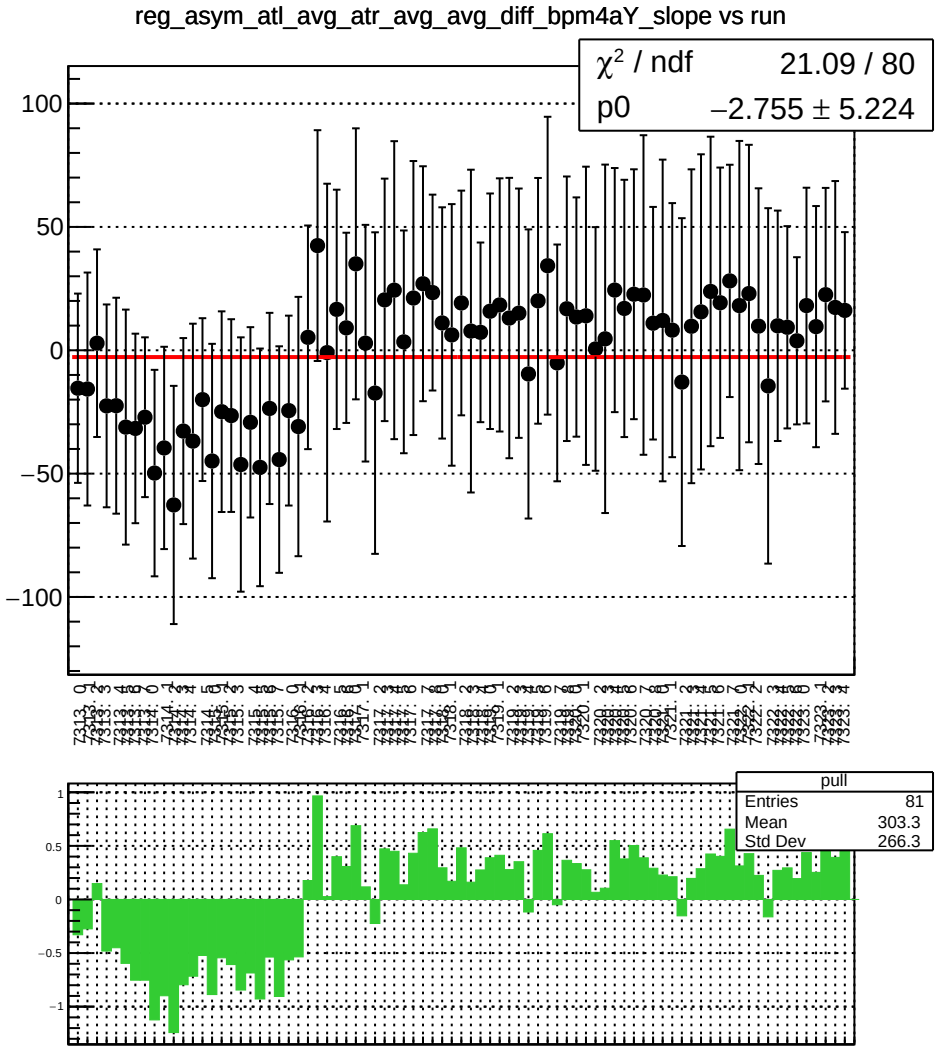

pull1D
Entries 81
Mean 0.2312
Std Dev 1.535

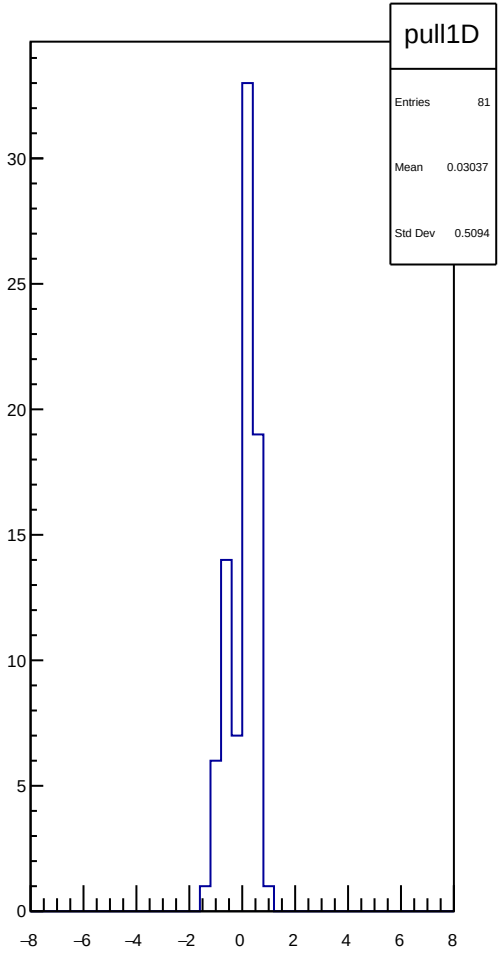

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs run
χ² / ndf 101.9 / 80
p0 9.306 ± 1.192
pull
Entries 81
Mean 259.1
Std Dev 224.6

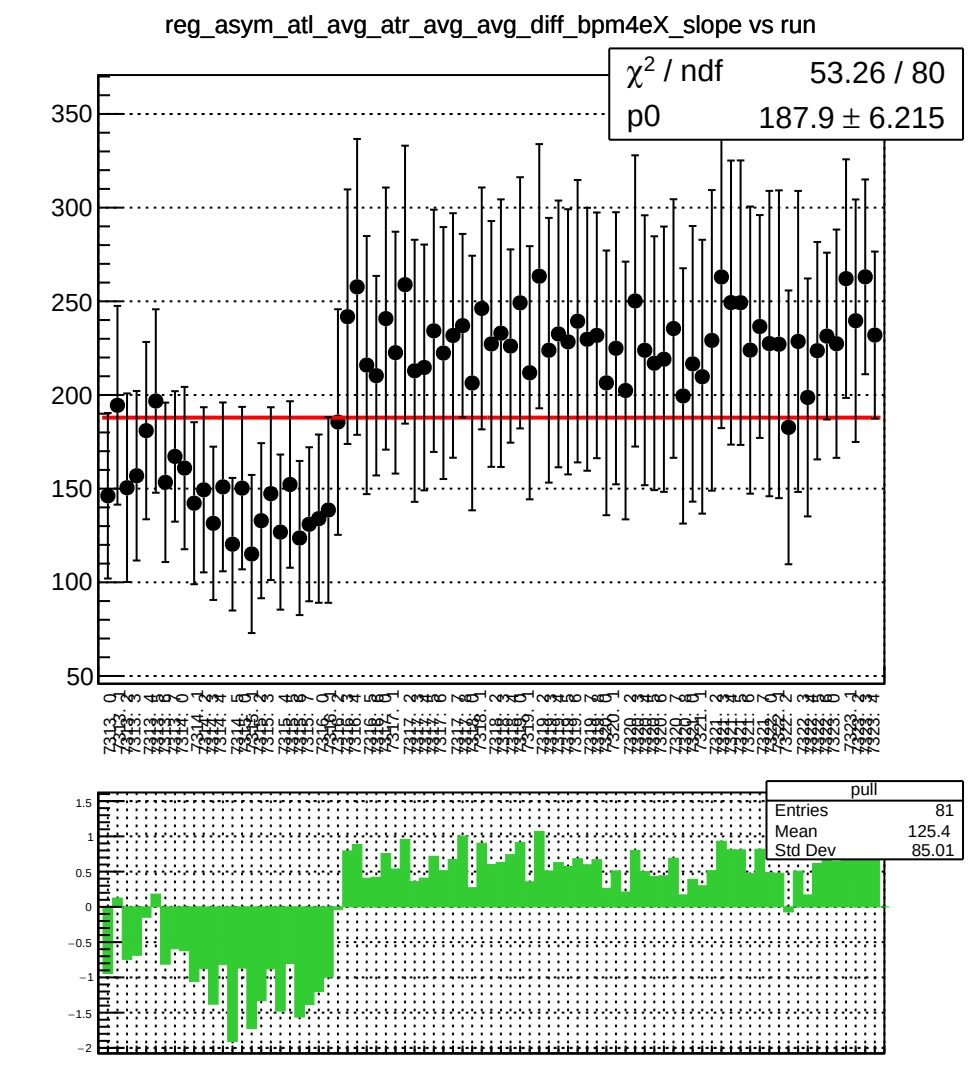

pull1D
Entries 81
Mean −0.05722
Std Dev 1.12

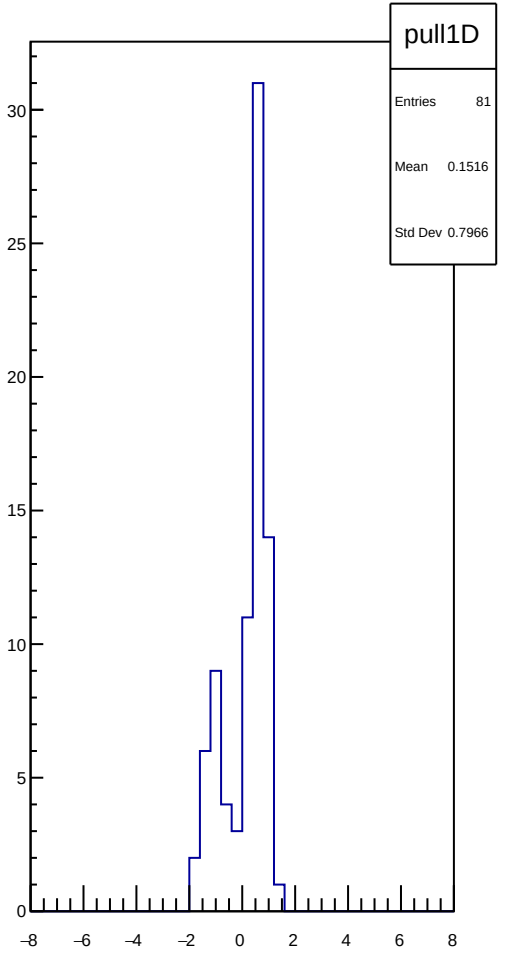

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs run
χ² / ndf 272.6 / 80
p0 −9.506 ± 0.05051
pull
Entries 81
Mean 577.7
Std Dev 537.2
pull1D
Entries 81
Mean −0.04533
Std Dev 1.834

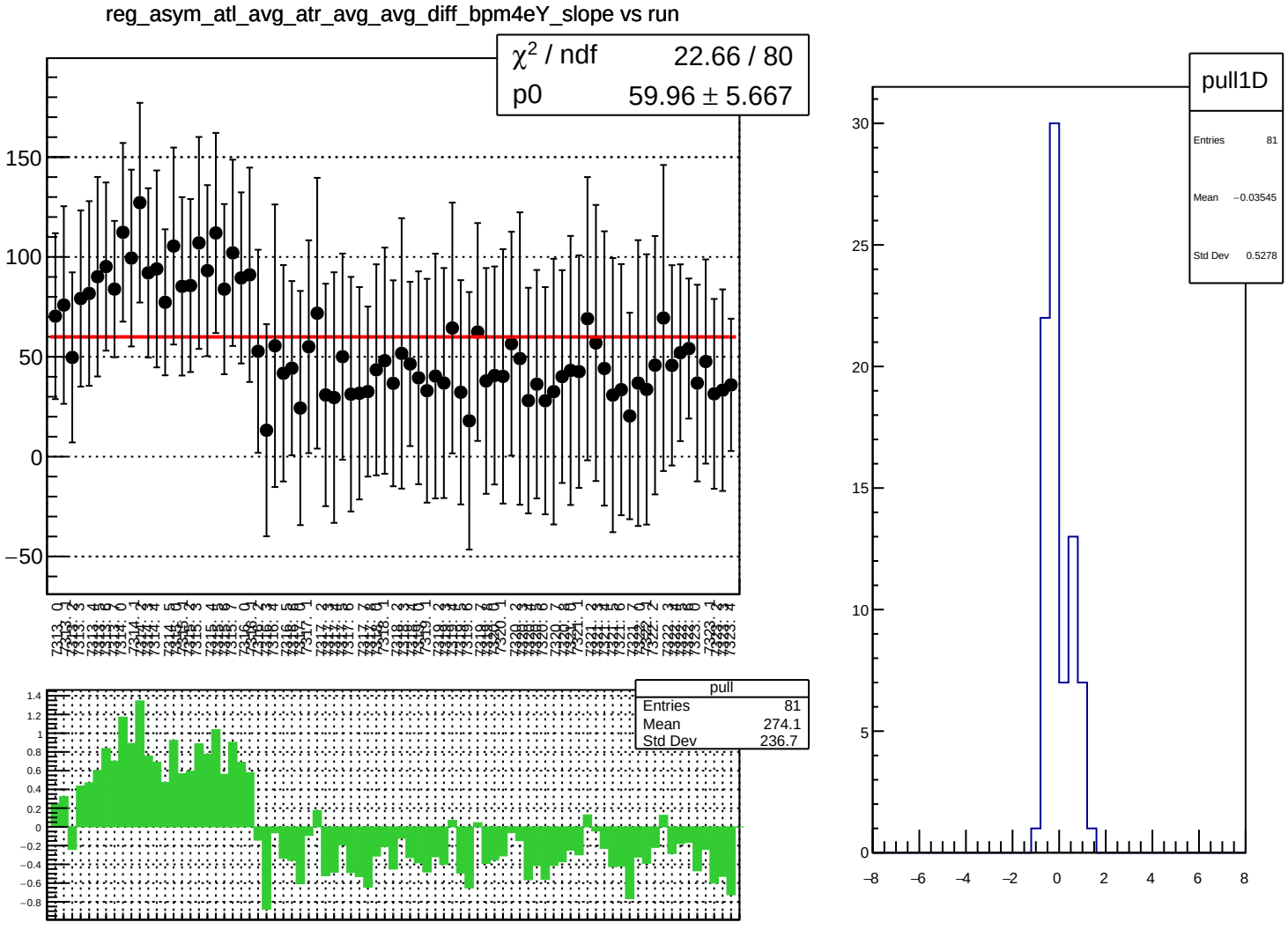

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs run
χ² / ndf 52.4 / 80
p0 −183.9 ± 6.247
pull
Entries 81
Mean 127.3
Std Dev 86.94
pull1D
Entries 81
Mean −0.1483
Std Dev 0.7905

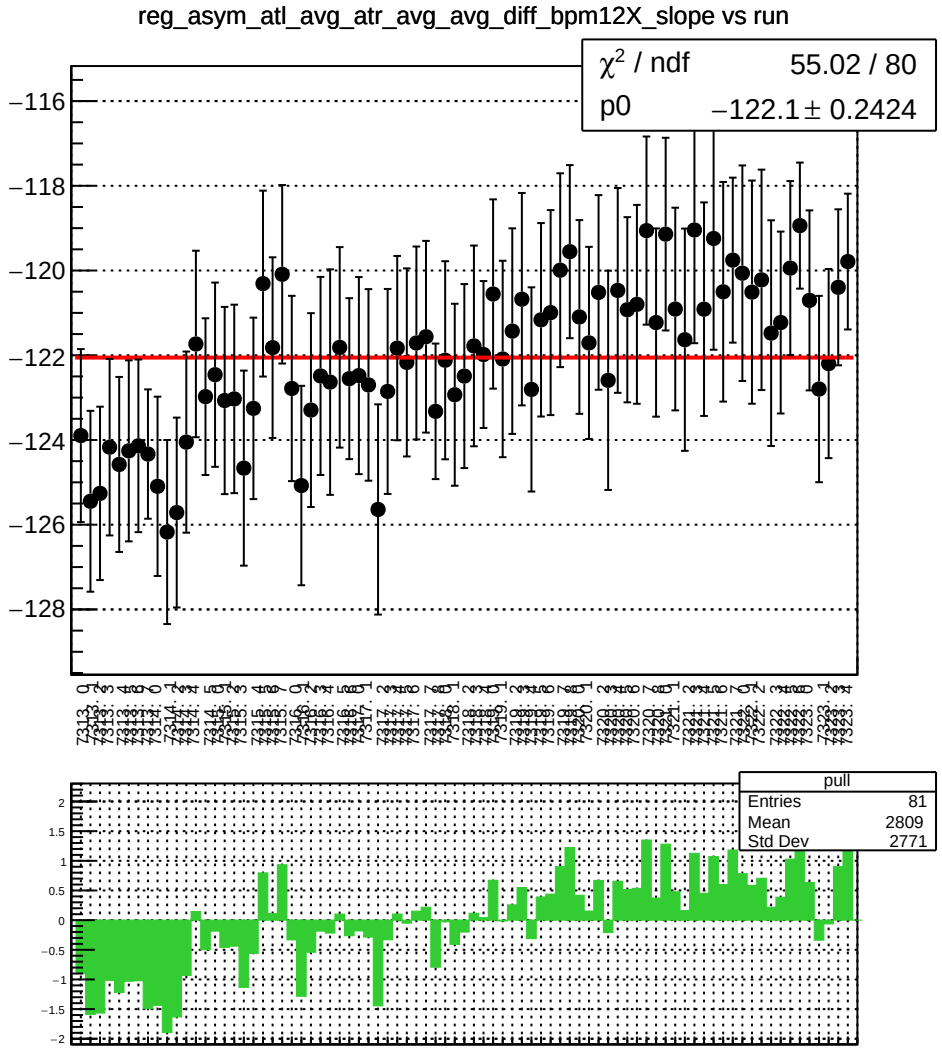

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs run
χ² / ndf 21.09 / 80
p0 −2.755 ± 5.224
pull
Entries 81
Mean 303.3
Std Dev 266.3

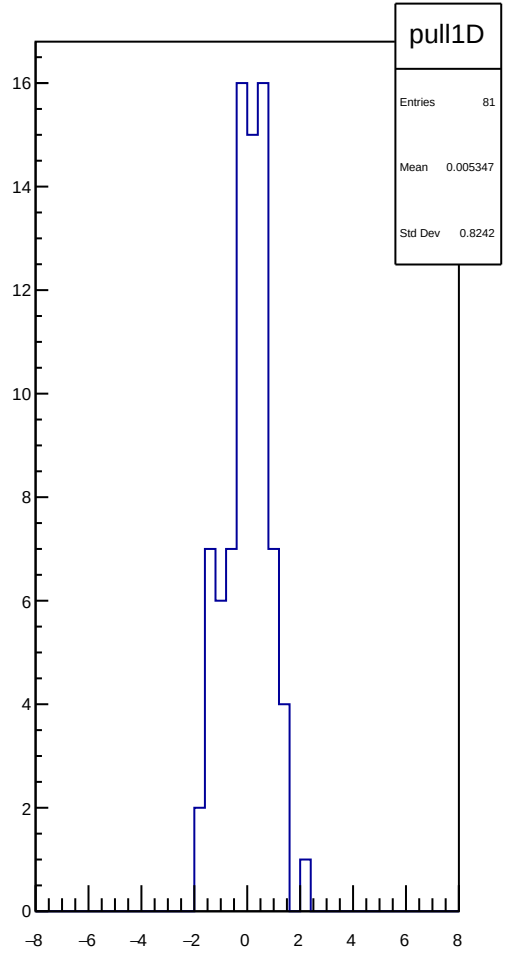

pull1D
Entries 81
Mean 0.03037
Std Dev 0.5094

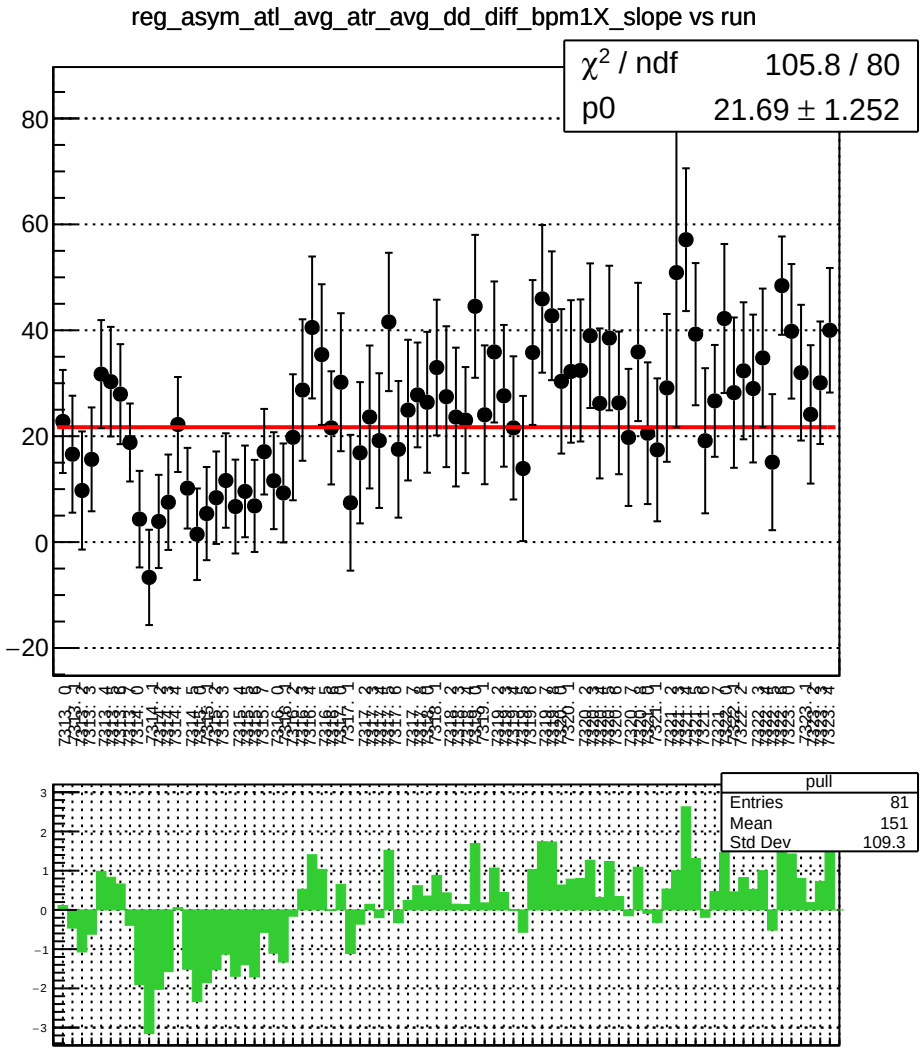

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs run
χ² / ndf 53.26 / 80
p0 187.9 ± 6.215
pull
Entries 81
Mean 125.4
Std Dev 85.01

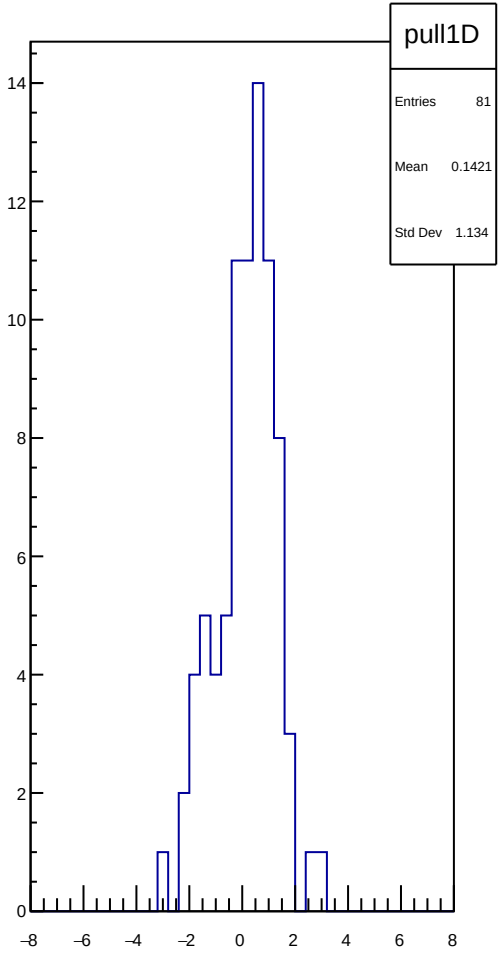

pull1D
Entries 81
Mean 0.1516
Std Dev 0.7966

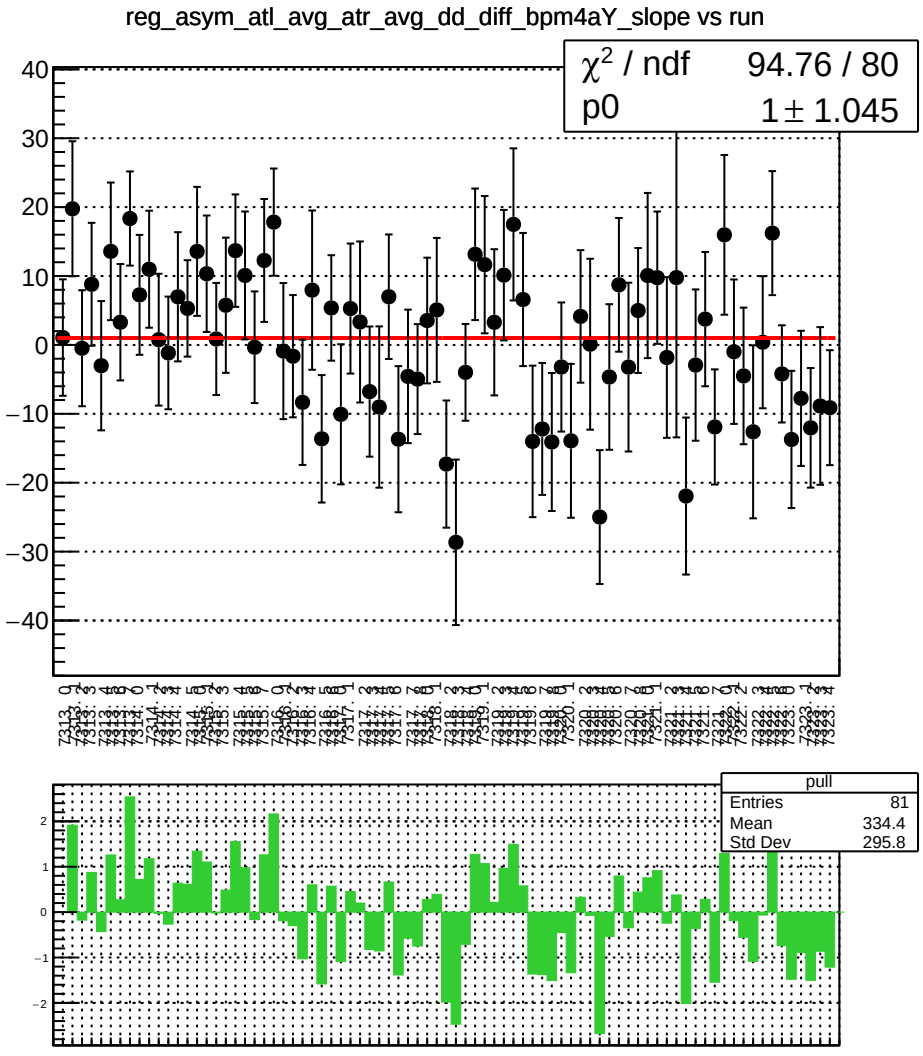

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs run
χ² / ndf 22.66 / 80
p0 59.96 ± 5.667
150
100
50
0
−50
pull
Entries 81
Mean 274.1
Std Dev 236.7
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
pull1D
Entries 81
Mean −0.03545
Std Dev 0.5278
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

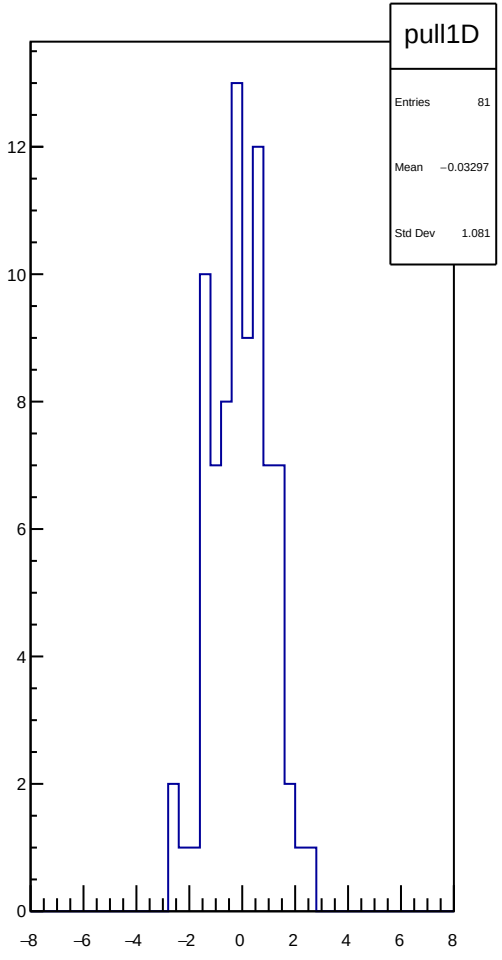

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs run
χ² / ndf 55.02 / 80
p0 −122.1 ± 0.2424
pull
Entries 81
Mean 2809
Std Dev 2771

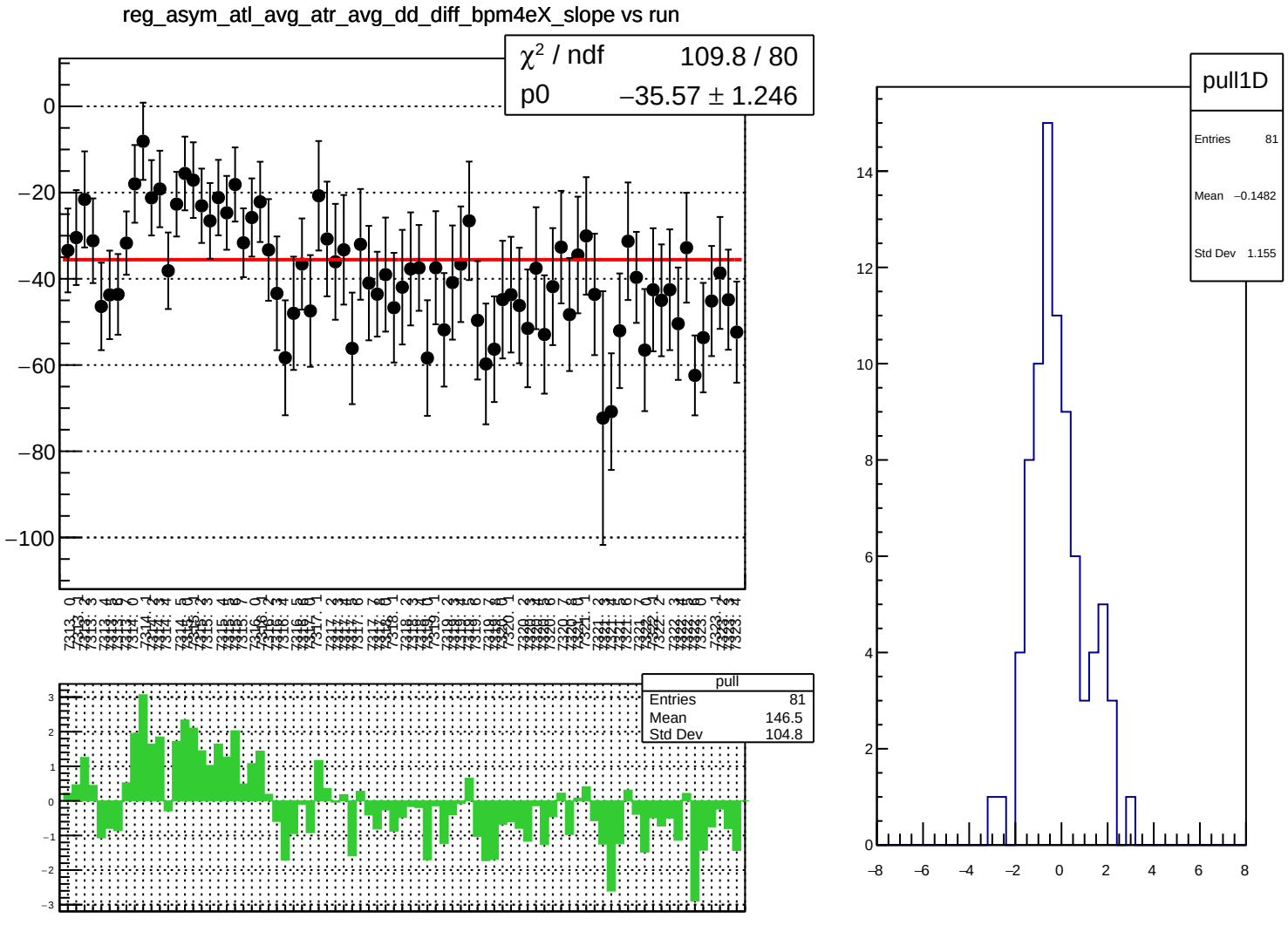

pull1D
Entries 81
Mean 0.005347
Std Dev 0.8242

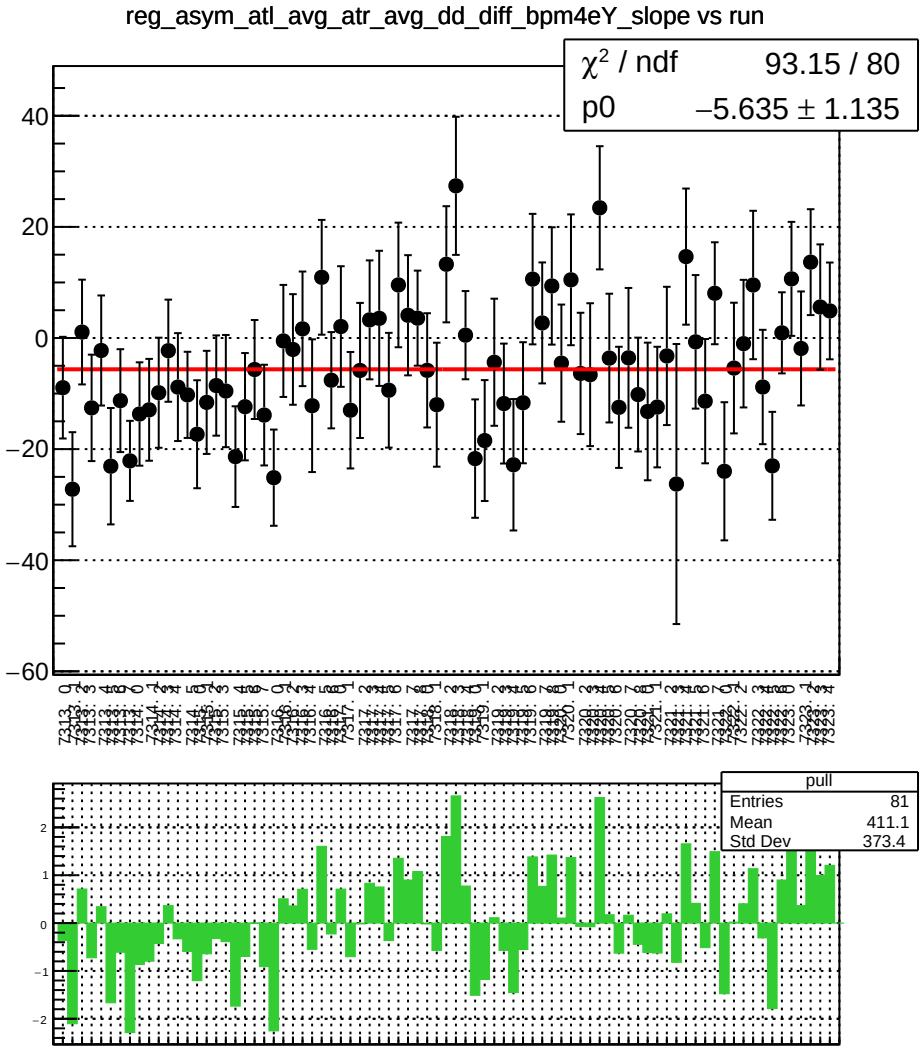

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs run
χ² / ndf 105.8 / 80
p0 21.69 ± 1.252
pull
Entries 81
Mean 151
Std Dev 109.3

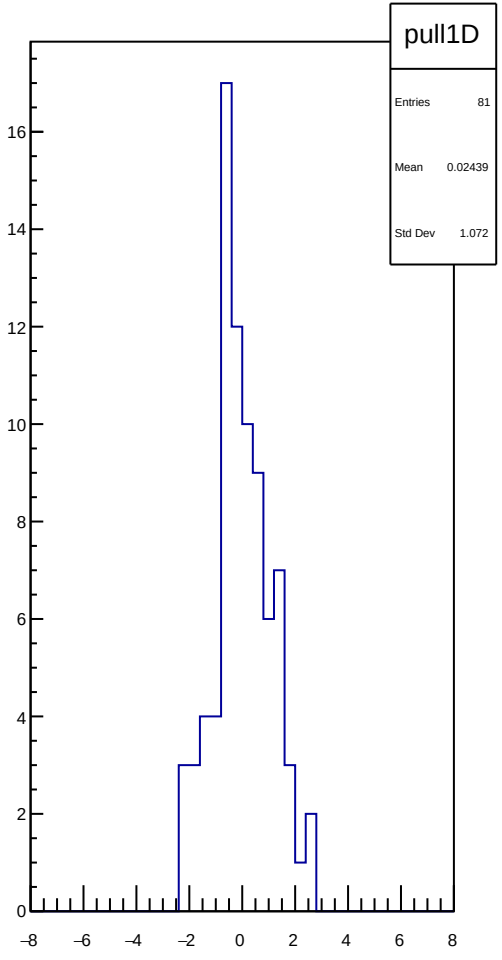

pull1D
Entries 81
Mean 0.1421
Std Dev 1.134

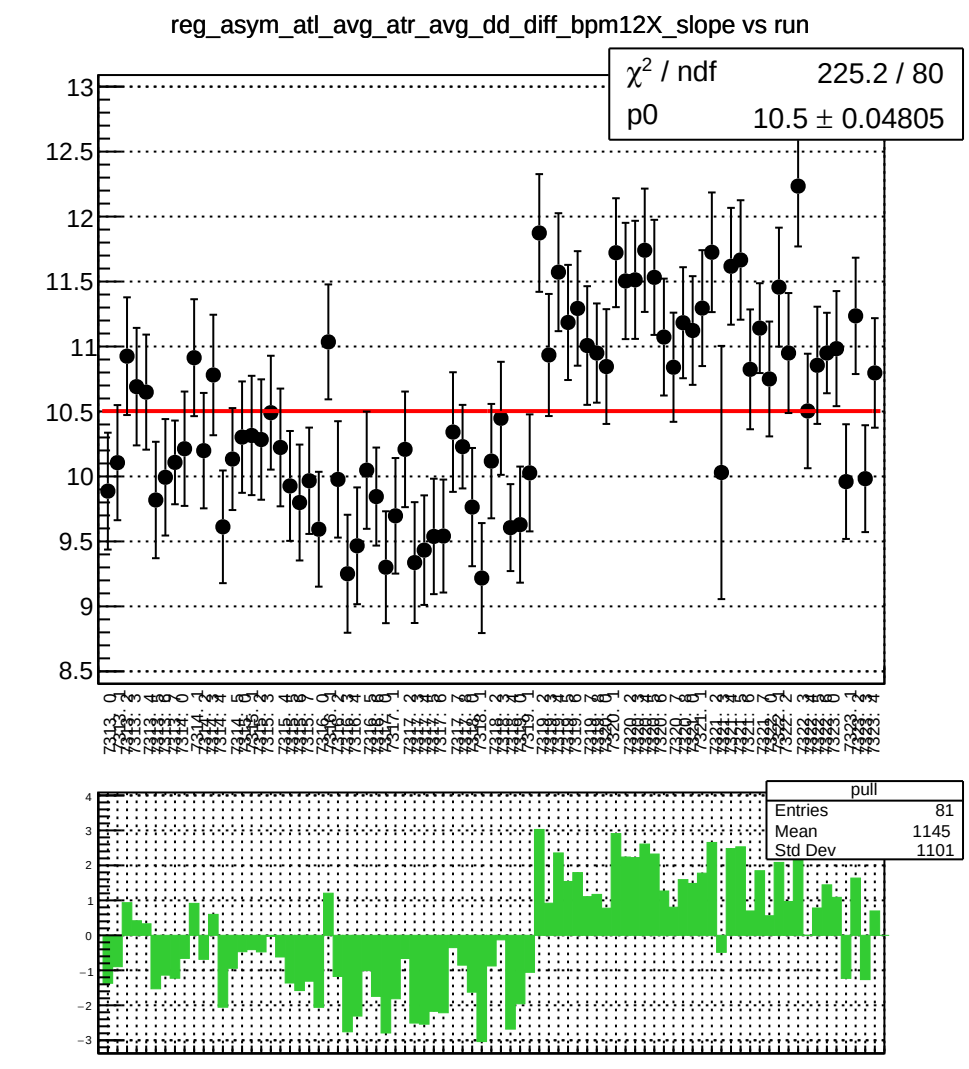

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs run
χ² / ndf 94.76 / 80
p0 1 ± 1.045
pull
Entries 81
Mean 334.4
Std Dev 295.8

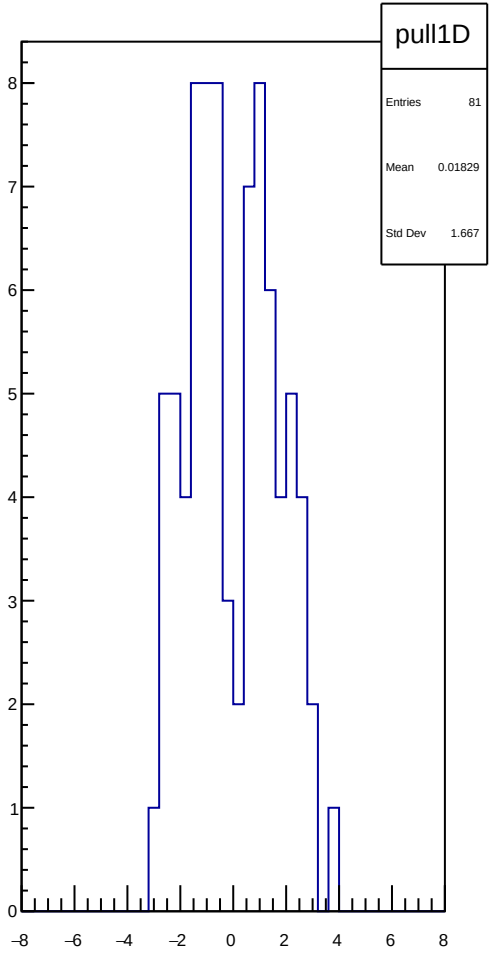

pull1D
Entries 81
Mean −0.03297
Std Dev 1.081

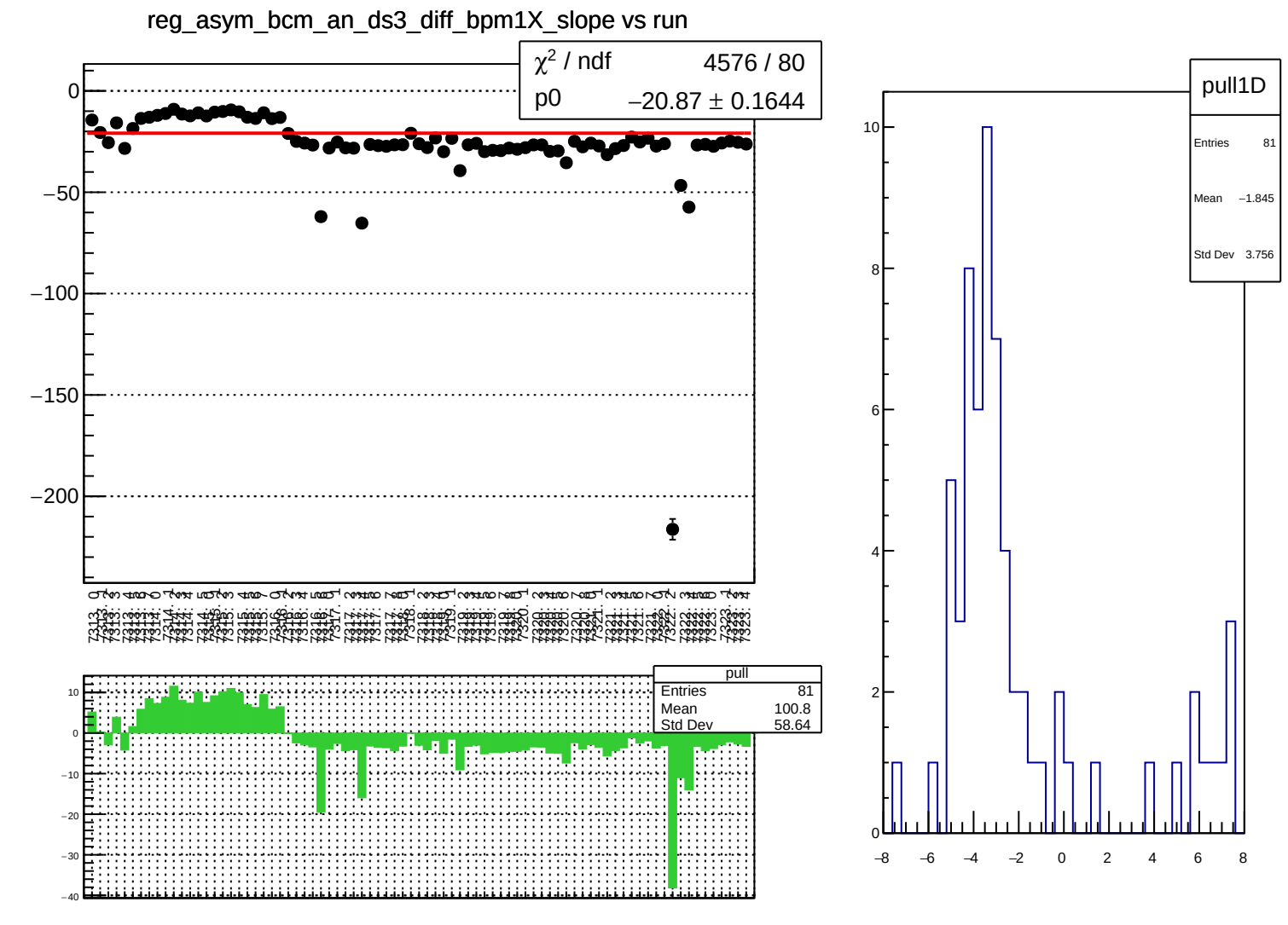

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs run
χ² / ndf 109.8 / 80
p0 −35.57 ± 1.246
pull
Entries 81
Mean 146.5
Std Dev 104.8
pull1D
Entries 81
Mean −0.1482
Std Dev 1.155

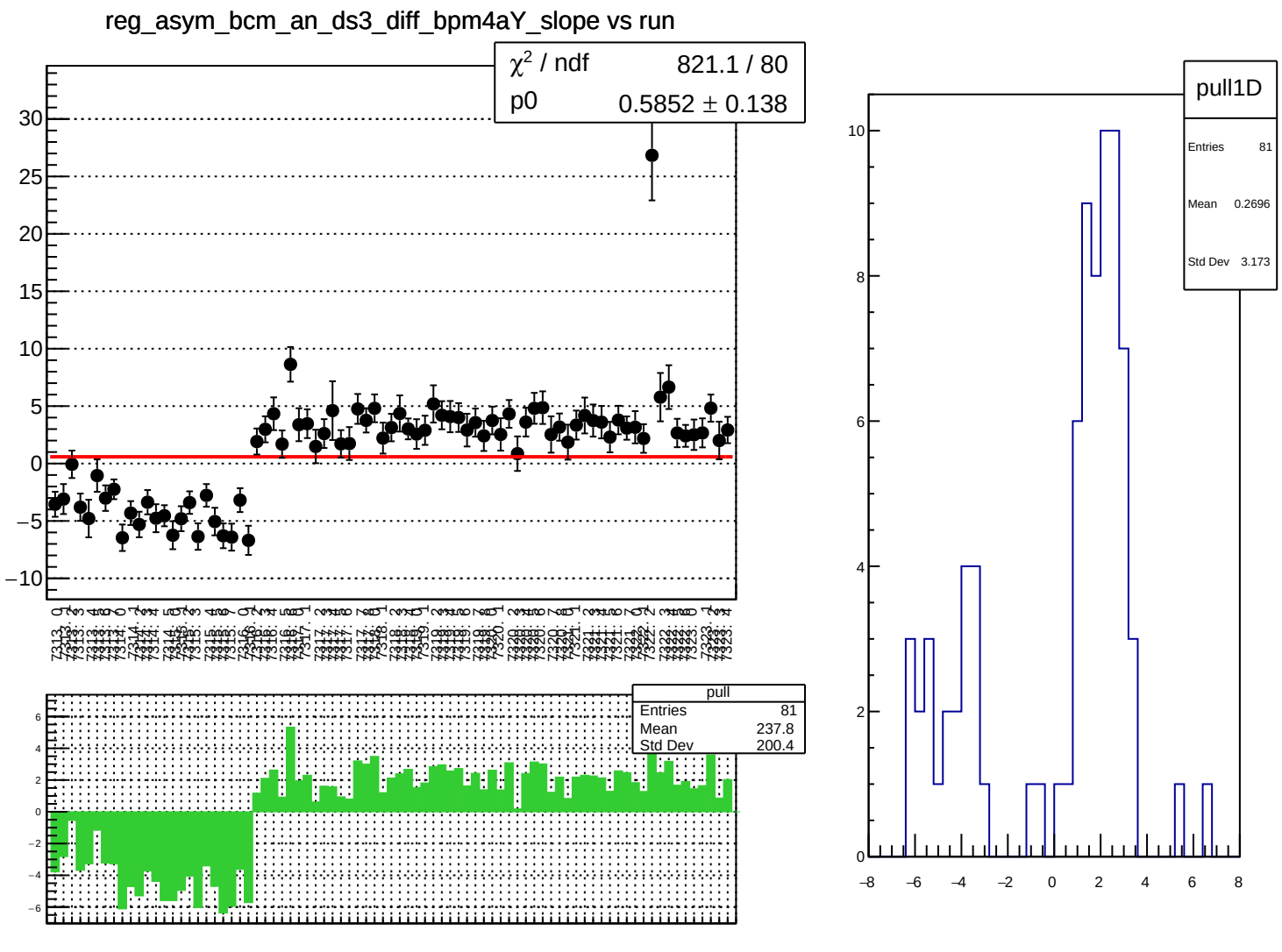

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs run
χ² / ndf 93.15 / 80
p0 −5.635 ± 1.135
pull
Entries 81
Mean 411.1
Std Dev 373.4

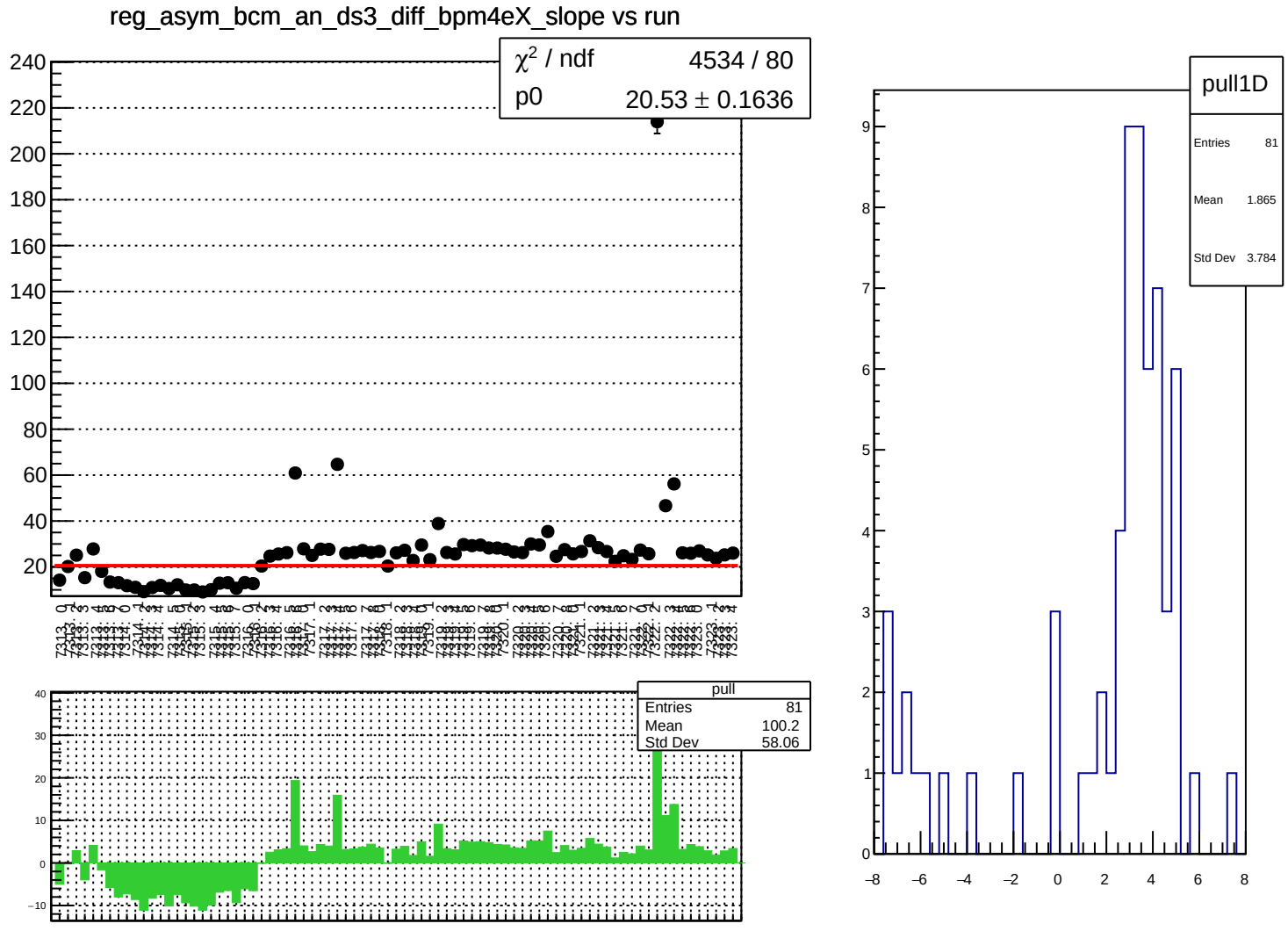

pull1D
Entries 81
Mean 0.02439
Std Dev 1.072

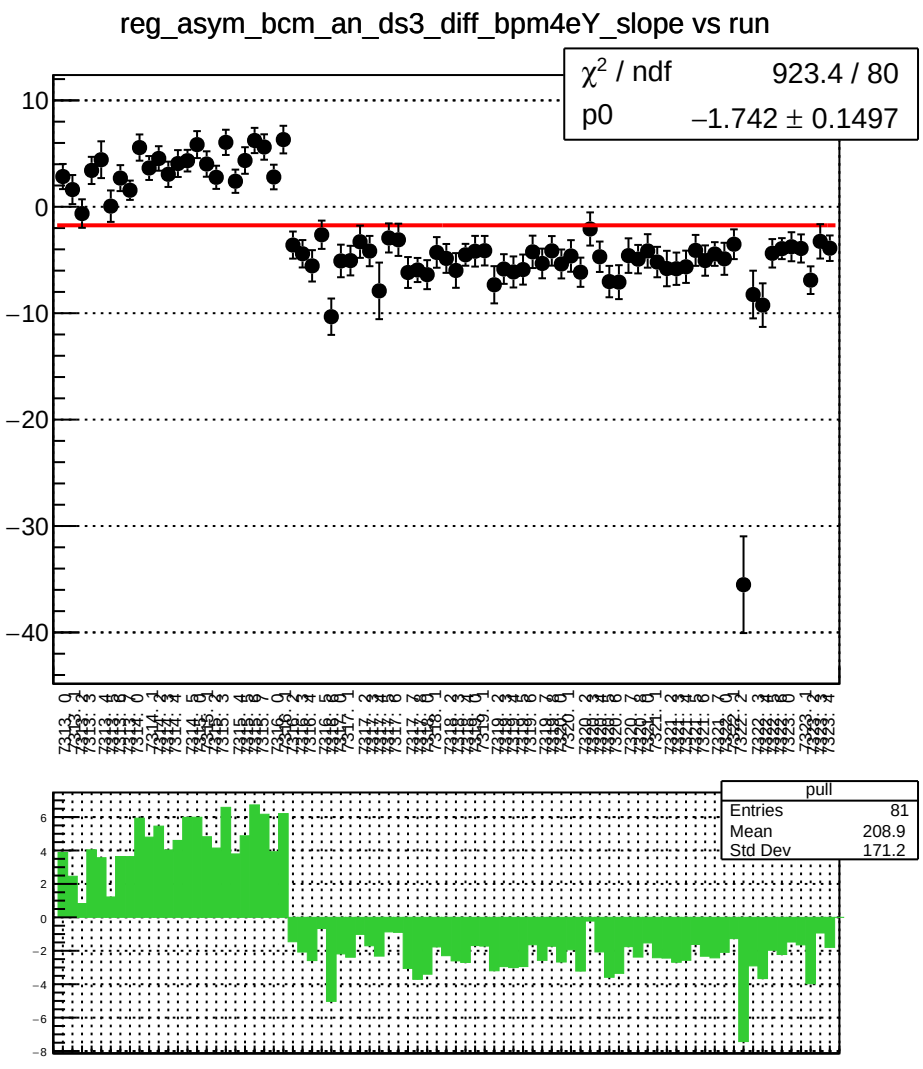

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs run
χ² / ndf 225.2 / 80
p0 10.5 ± 0.04805
pull
Entries 81
Mean 1145
Std Dev 1101

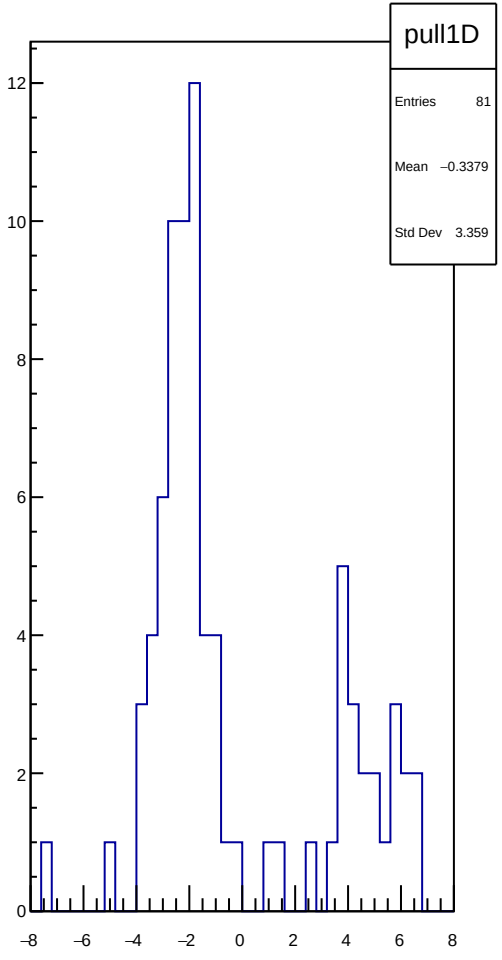

pull1D
Entries 81
Mean 0.01829
Std Dev 1.667

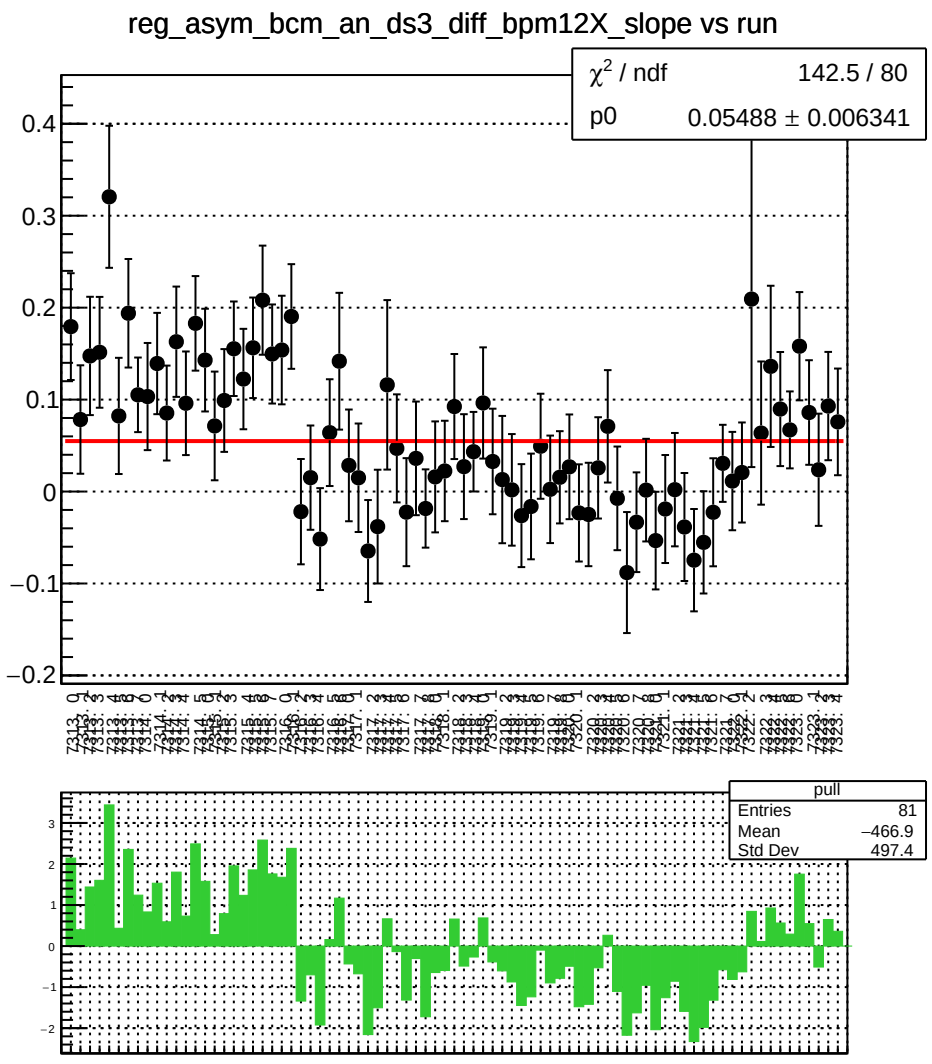

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs run
χ² / ndf 4576 / 80
p0 −20.87 ± 0.1644
pull
Entries 81
Mean 100.8
Std Dev 58.64
pull1D
Entries 81
Mean −1.845
Std Dev 3.756

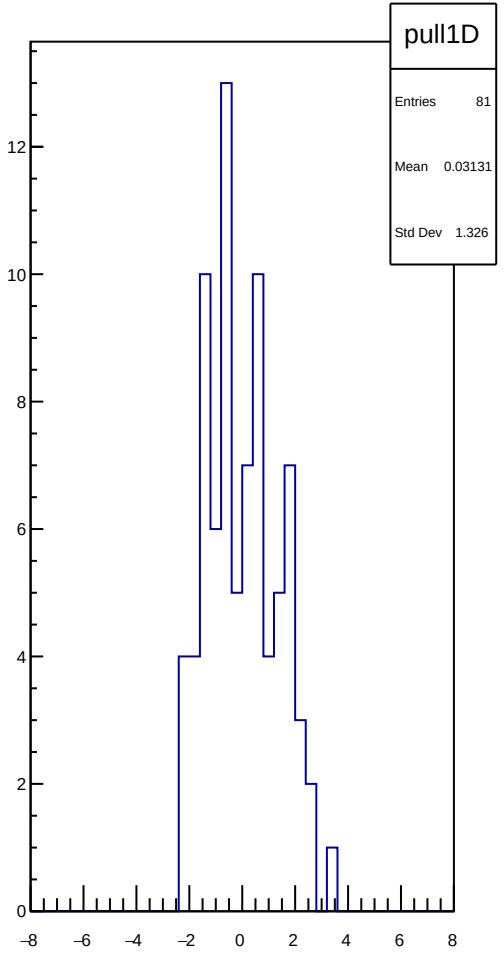

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs run
χ² / ndf 821.1 / 80
p0 0.5852 ± 0.138
pull
Entries 81
Mean 237.8
Std Dev 200.4
pull1D
Entries 81
Mean 0.2696
Std Dev 3.173

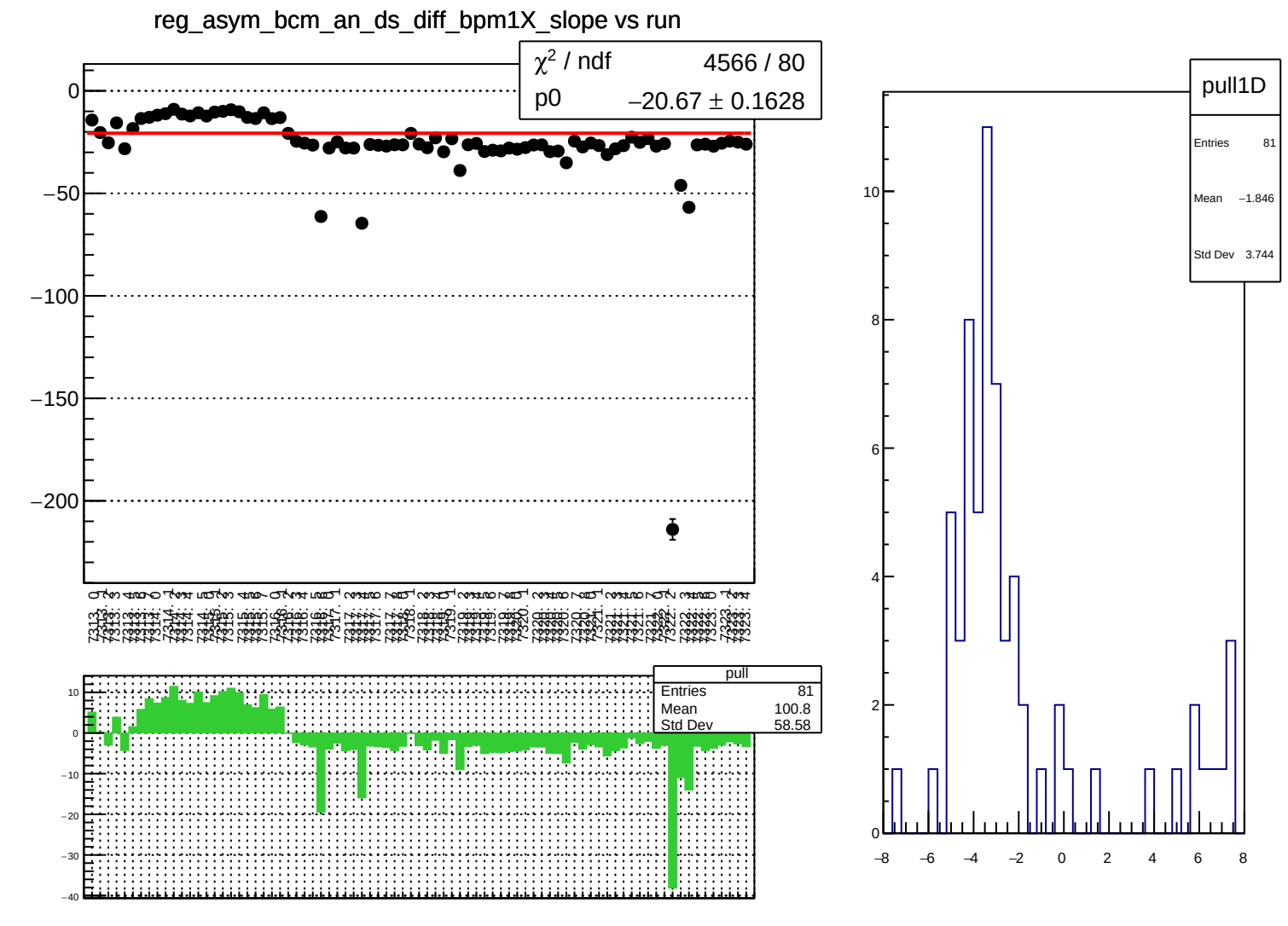

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs run
χ² / ndf 4534 / 80
p0 20.53 ± 0.1636
pull
Entries 81
Mean 100.2
Std Dev 58.06
pull1D
Entries 81
Mean 1.865
Std Dev 3.784

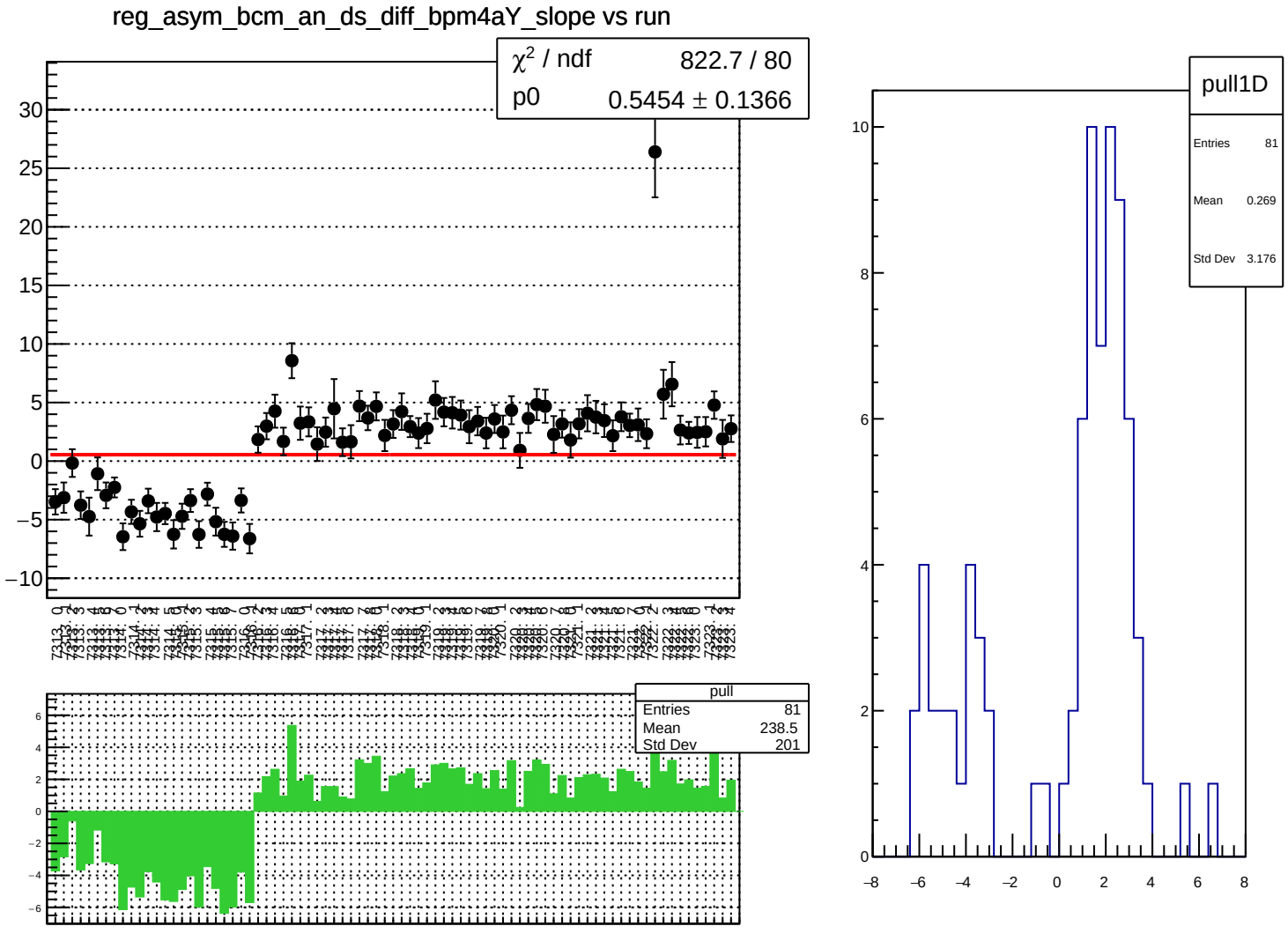

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs run
χ² / ndf 923.4 / 80
p0 −1.742 ± 0.1497
pull
Entries 81
Mean 208.9
Std Dev 171.2

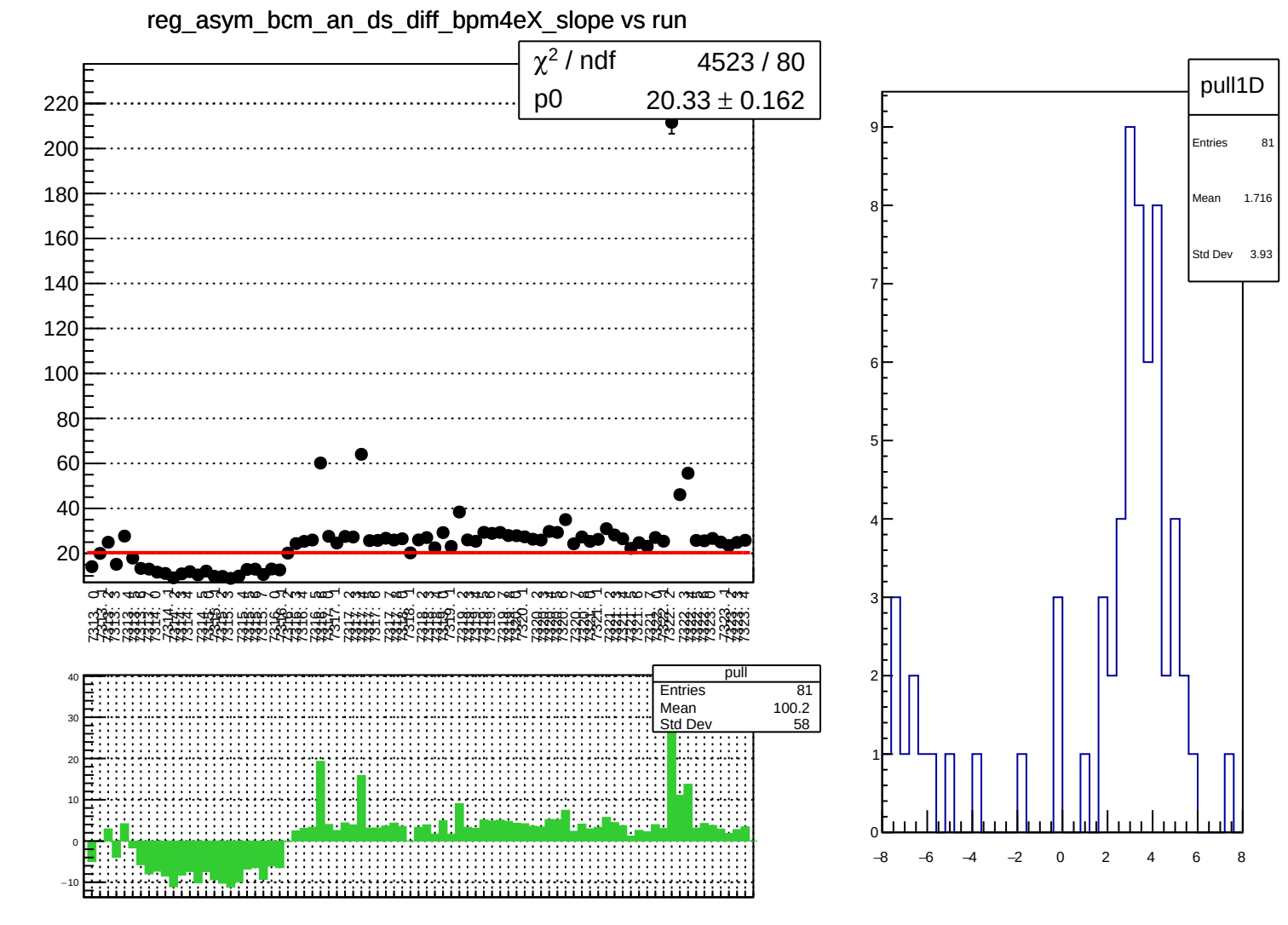

pull1D
Entries 81
Mean −0.3379
Std Dev 3.359

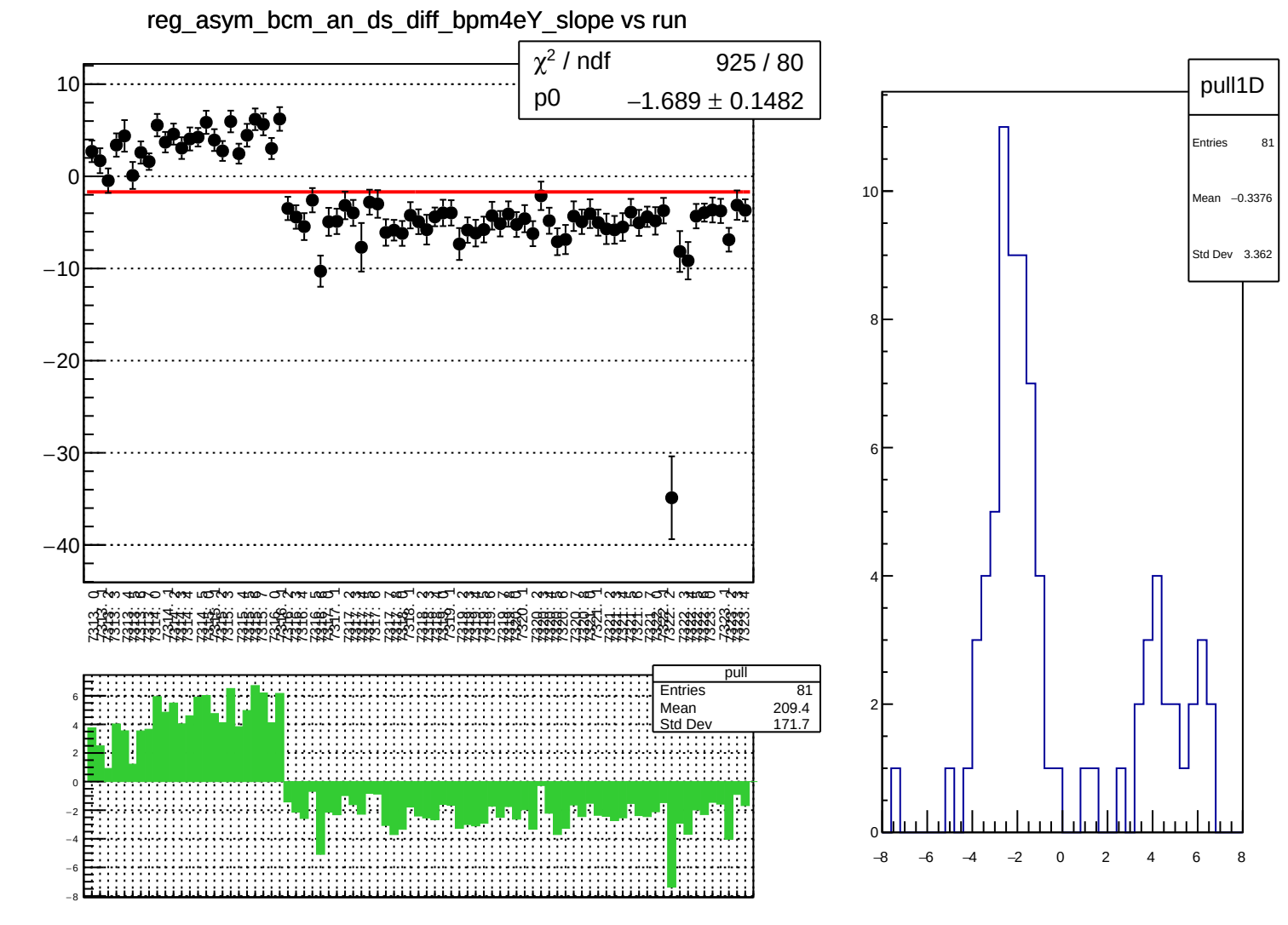

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs run
χ² / ndf 142.5 / 80
p0 0.05488 ± 0.006341
pull
Entries 81
Mean −466.9
Std Dev 497.4

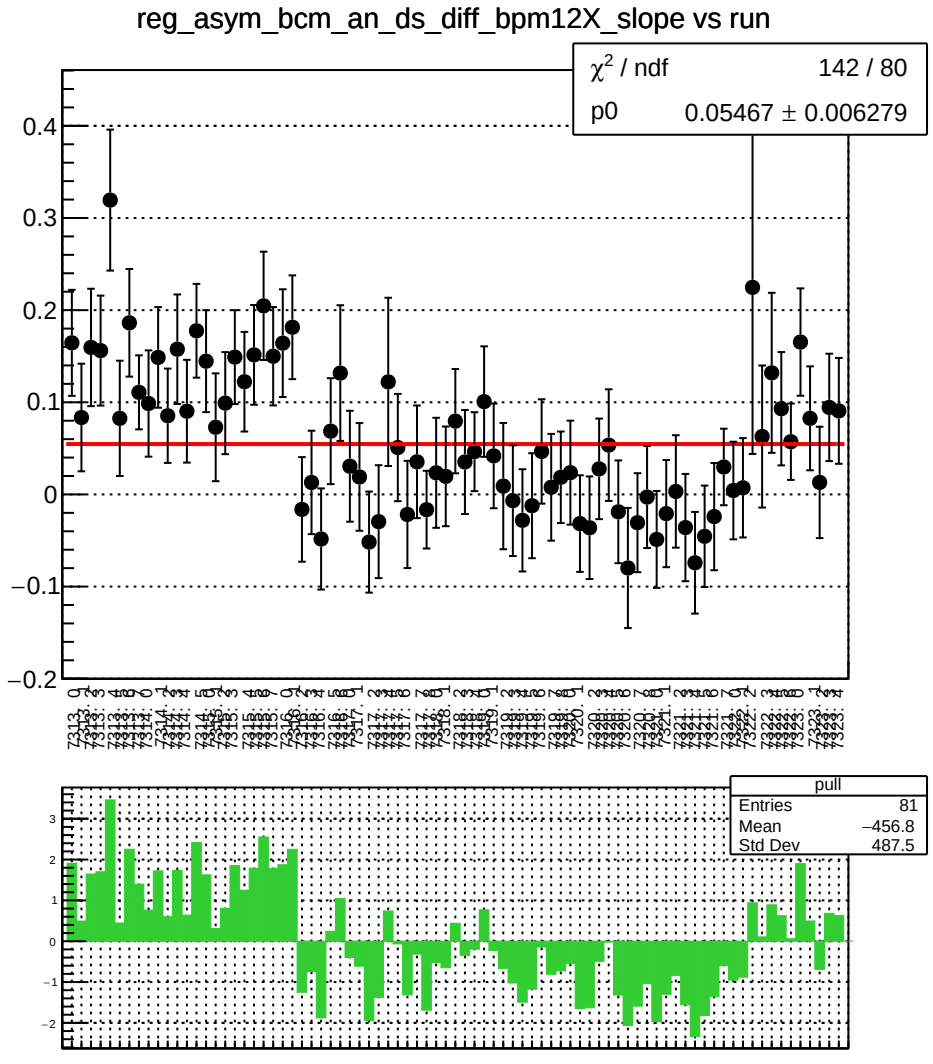

pull1D
Entries 81
Mean 0.03131
Std Dev 1.326

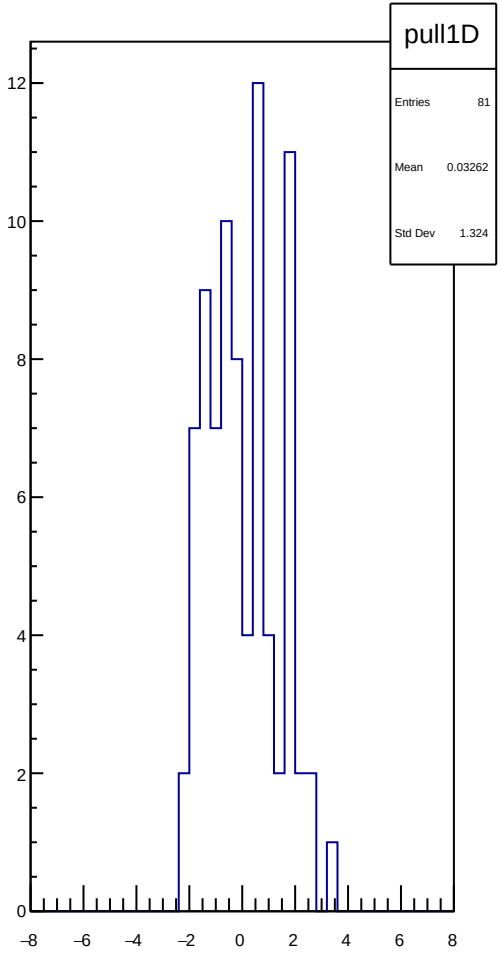

reg_asym_bcm_an_ds_diff_bpm1X_slope vs run
χ² / ndf 4566 / 80
p0 −20.67 ± 0.1628
pull
Entries 81
Mean 100.8
Std Dev 58.58
pull1D
Entries 81
Mean −1.846
Std Dev 3.744

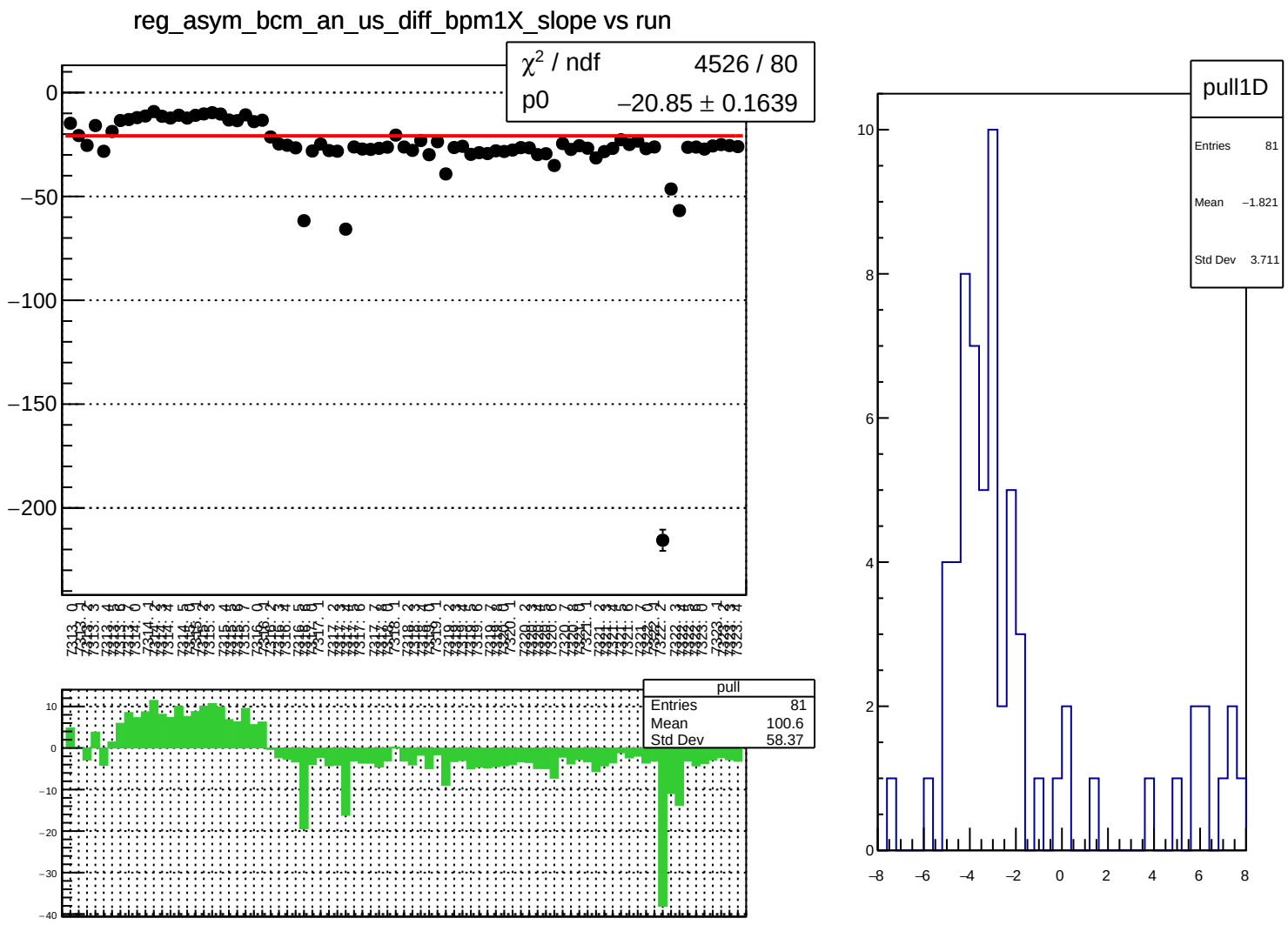

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs run
χ² / ndf 822.7 / 80
p0 0.5454 ± 0.1366
pull
Entries 81
Mean 238.5
Std Dev 201
pull1D
Entries 81
Mean 0.269
Std Dev 3.176

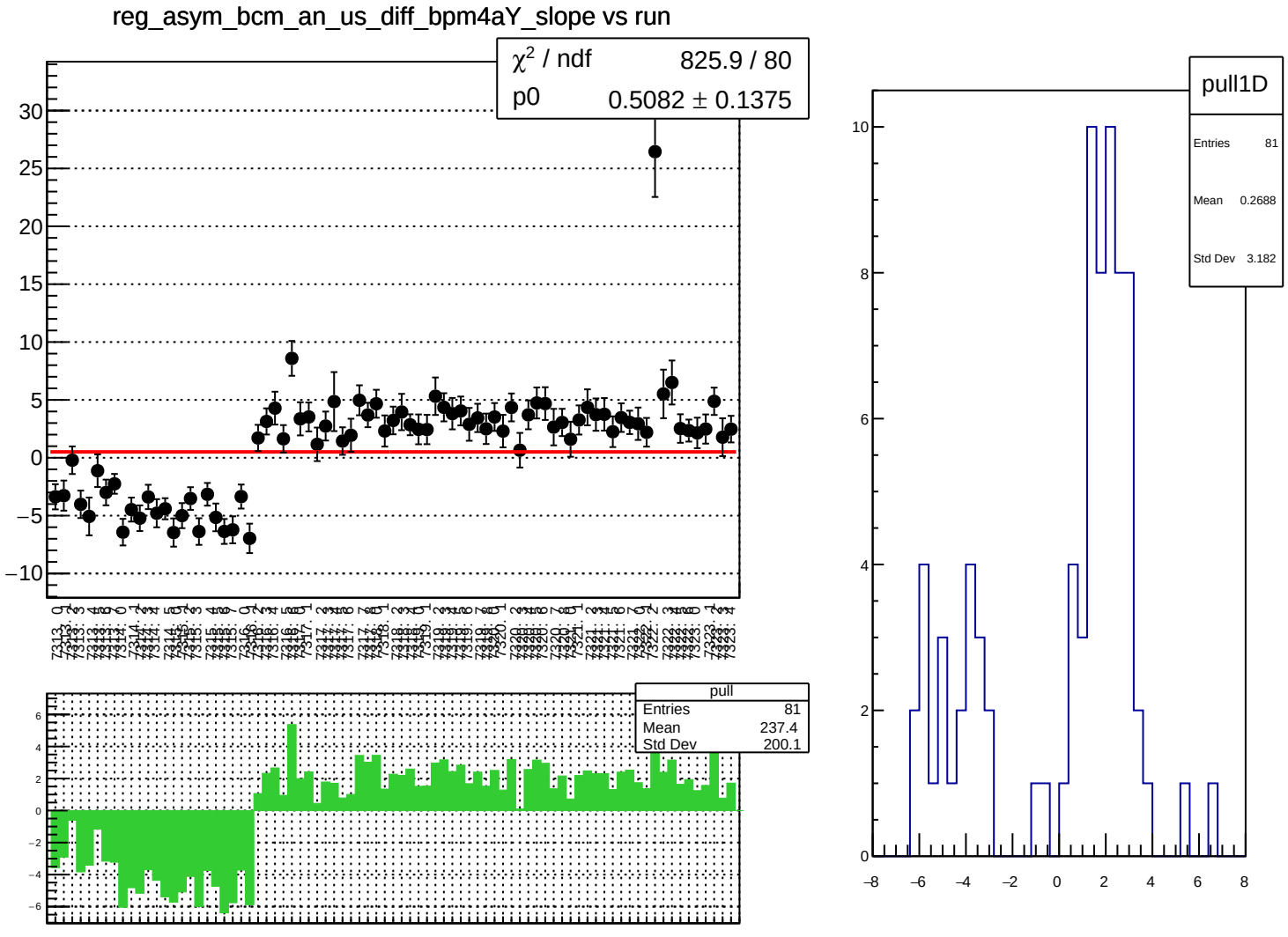

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs run
χ² / ndf 4523 / 80
p0 20.33 ± 0.162
pull
Entries 81
Mean 100.2
Std Dev 58
pull1D
Entries 81
Mean 1.716
Std Dev 3.93

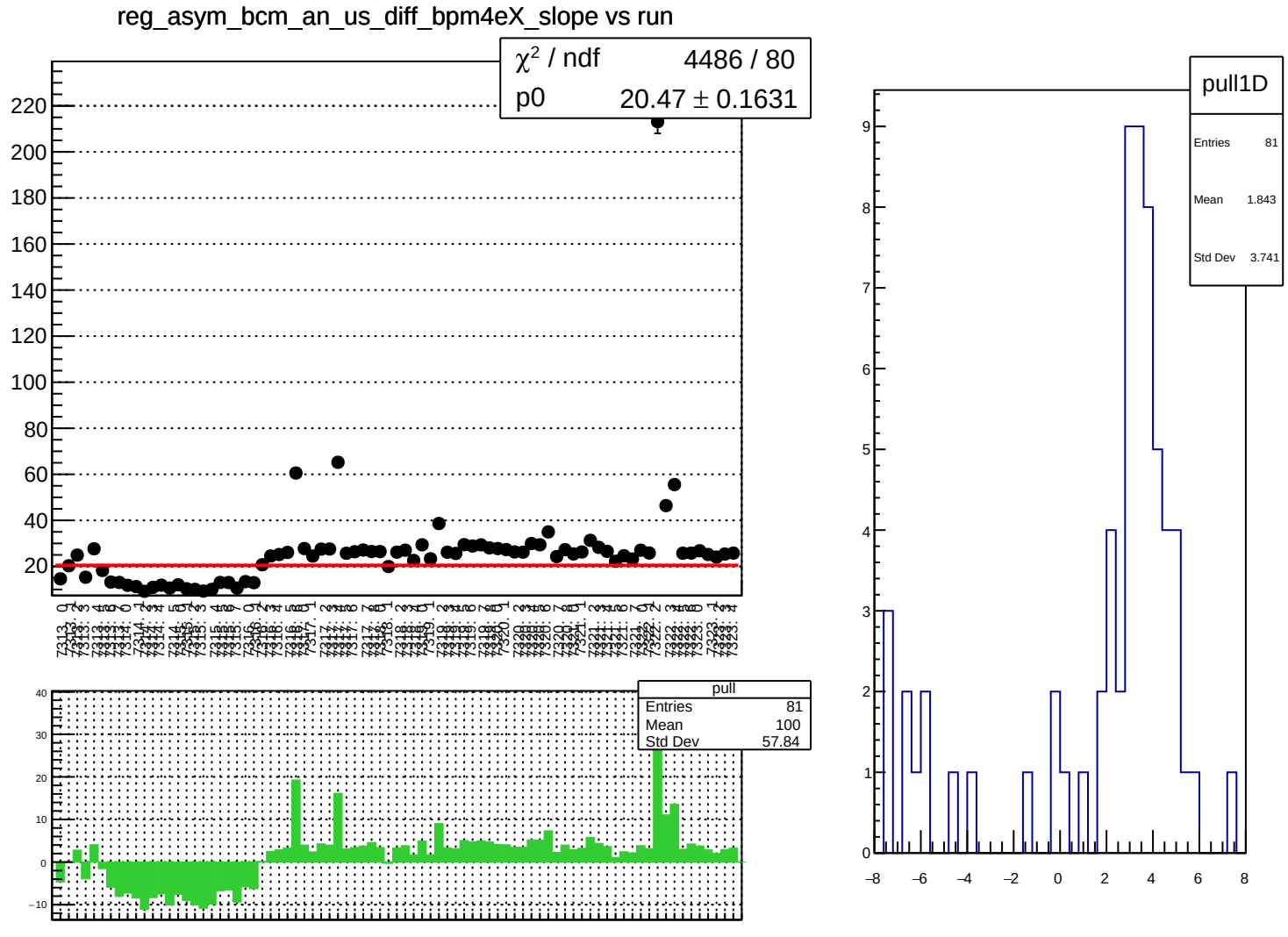

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs run
χ² / ndf 925 / 80
p0 −1.689 ± 0.1482
pull
Entries 81
Mean 209.4
Std Dev 171.7
pull1D
Entries 81
Mean −0.3376
Std Dev 3.362

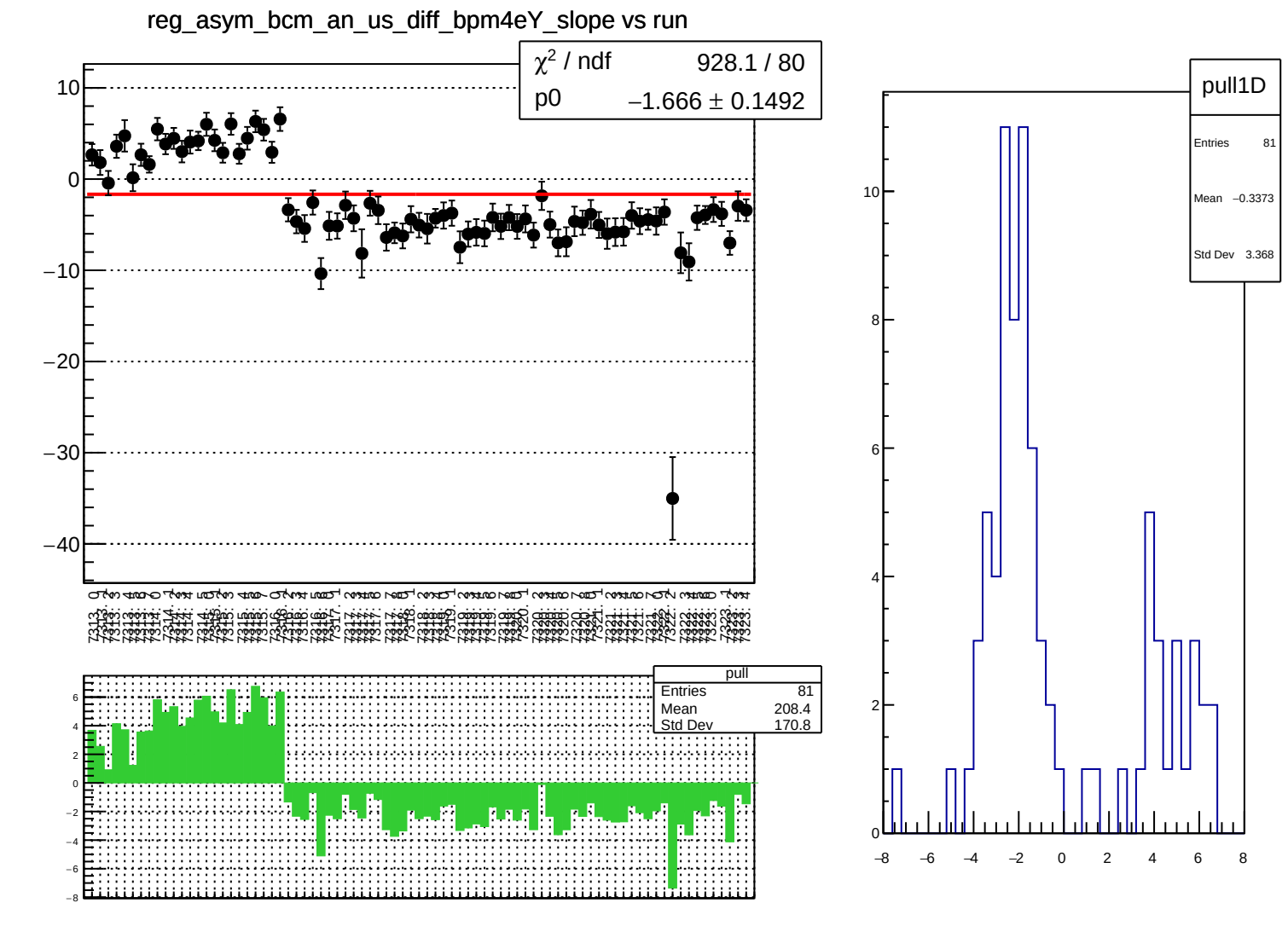

reg_asym_bcm_an_ds_diff_bpm12X_slope vs run
χ² / ndf 142 / 80
p0 0.05467 ± 0.006279
pull
Entries 81
Mean −456.8
Std Dev 487.5

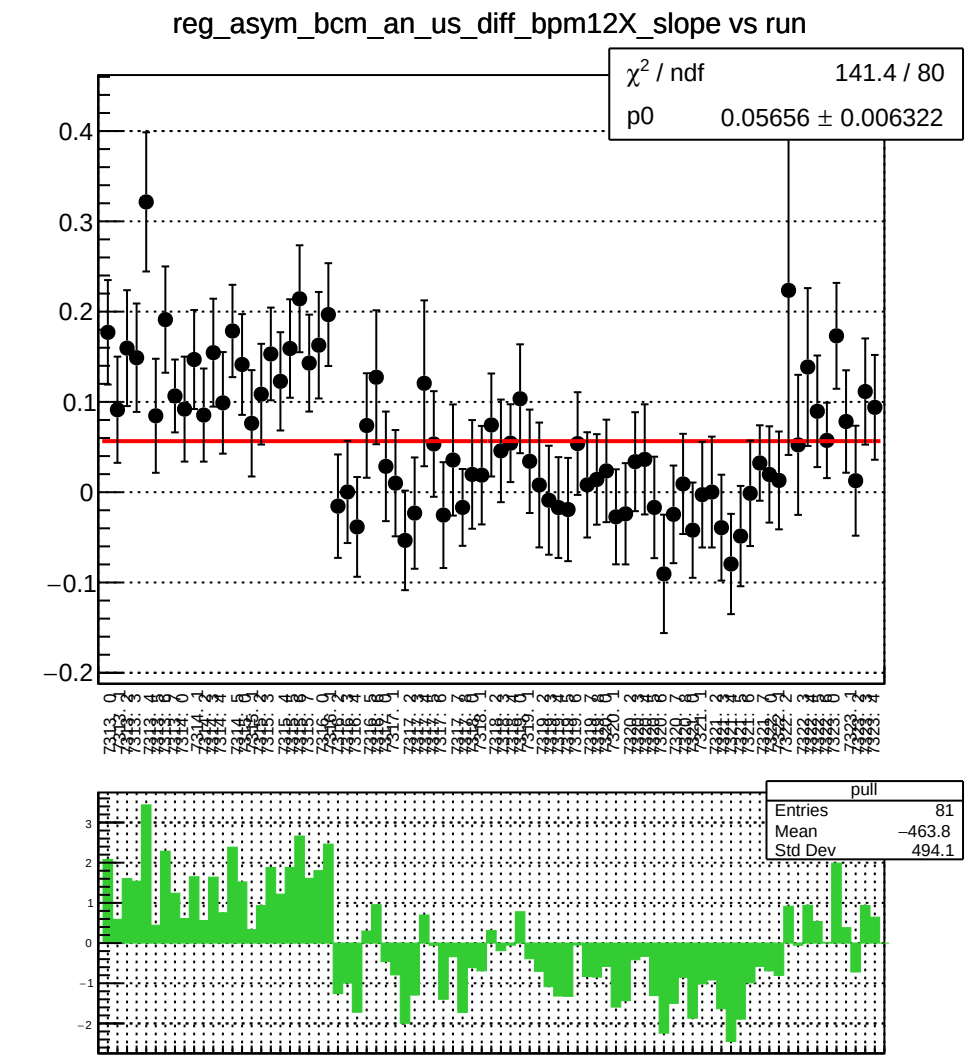

pull1D
Entries 81
Mean 0.03262
Std Dev 1.324

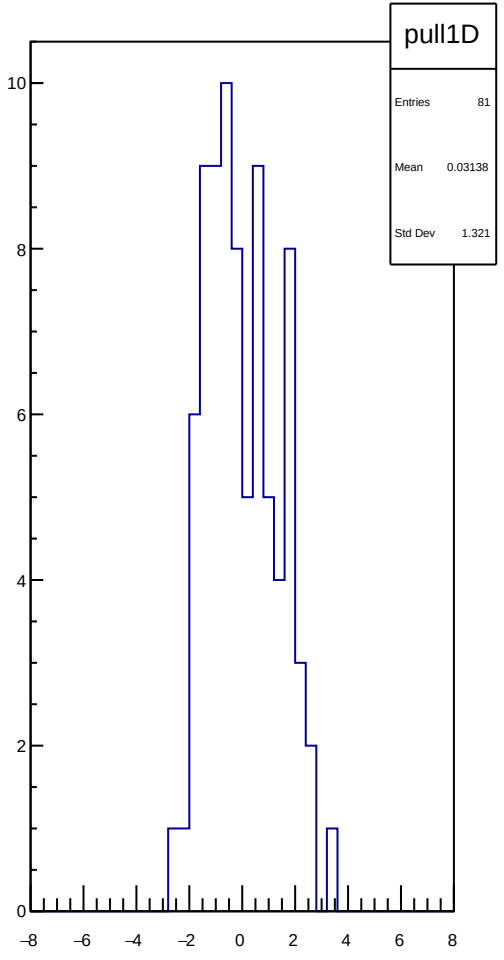

reg_asym_bcm_an_us_diff_bpm1X_slope vs run
χ² / ndf 4526 / 80
p0 −20.85 ± 0.1639
pull
Entries 81
Mean 100.6
Std Dev 58.37
pull1D
Entries 81
Mean −1.821
Std Dev 3.711

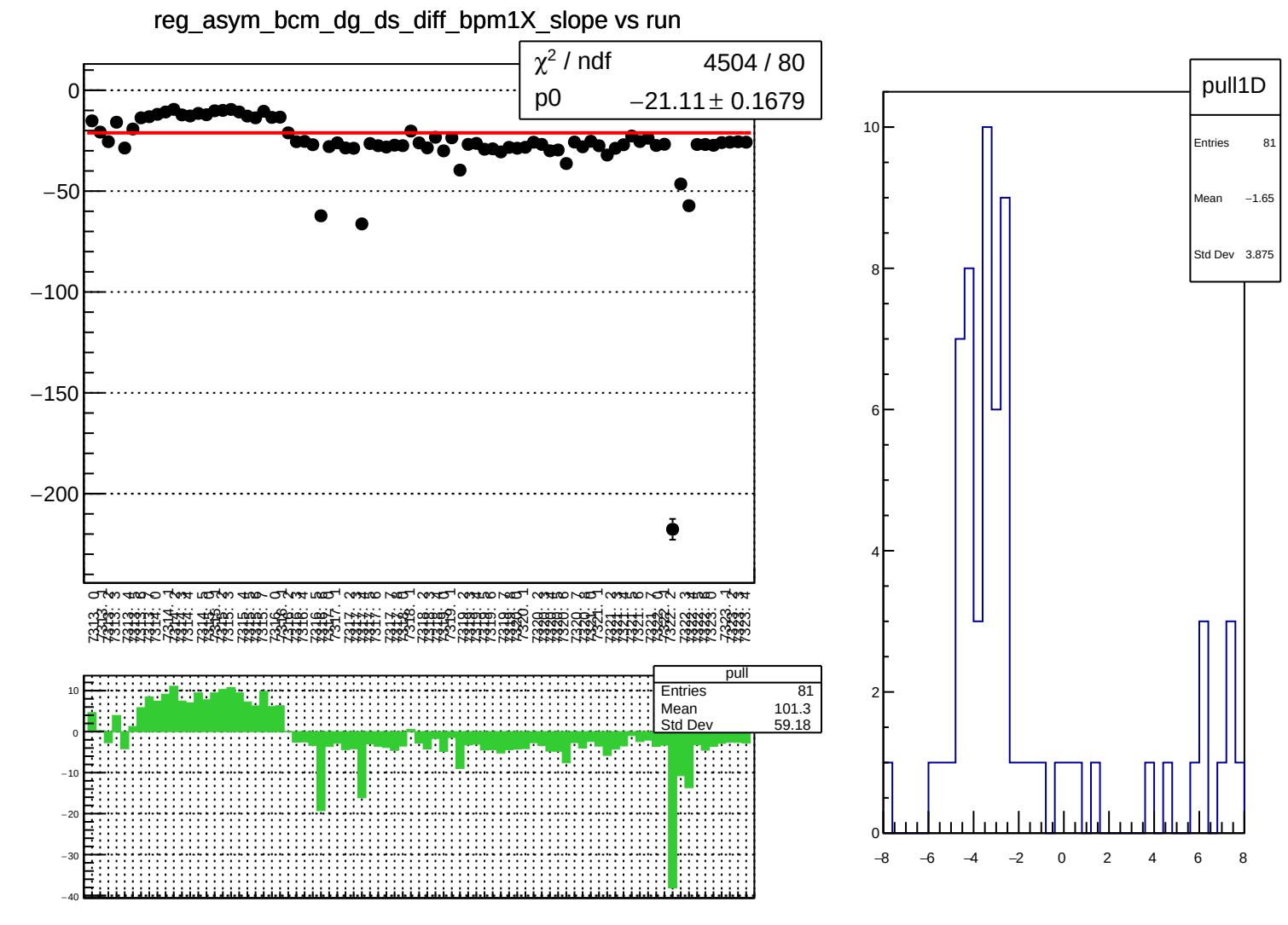

reg_asym_bcm_an_us_diff_bpm4aY_slope vs run
χ² / ndf 825.9 / 80
p0 0.5082 ± 0.1375
pull
Entries 81
Mean 237.4
Std Dev 200.1
pull1D
Entries 81
Mean 0.2688
Std Dev 3.182

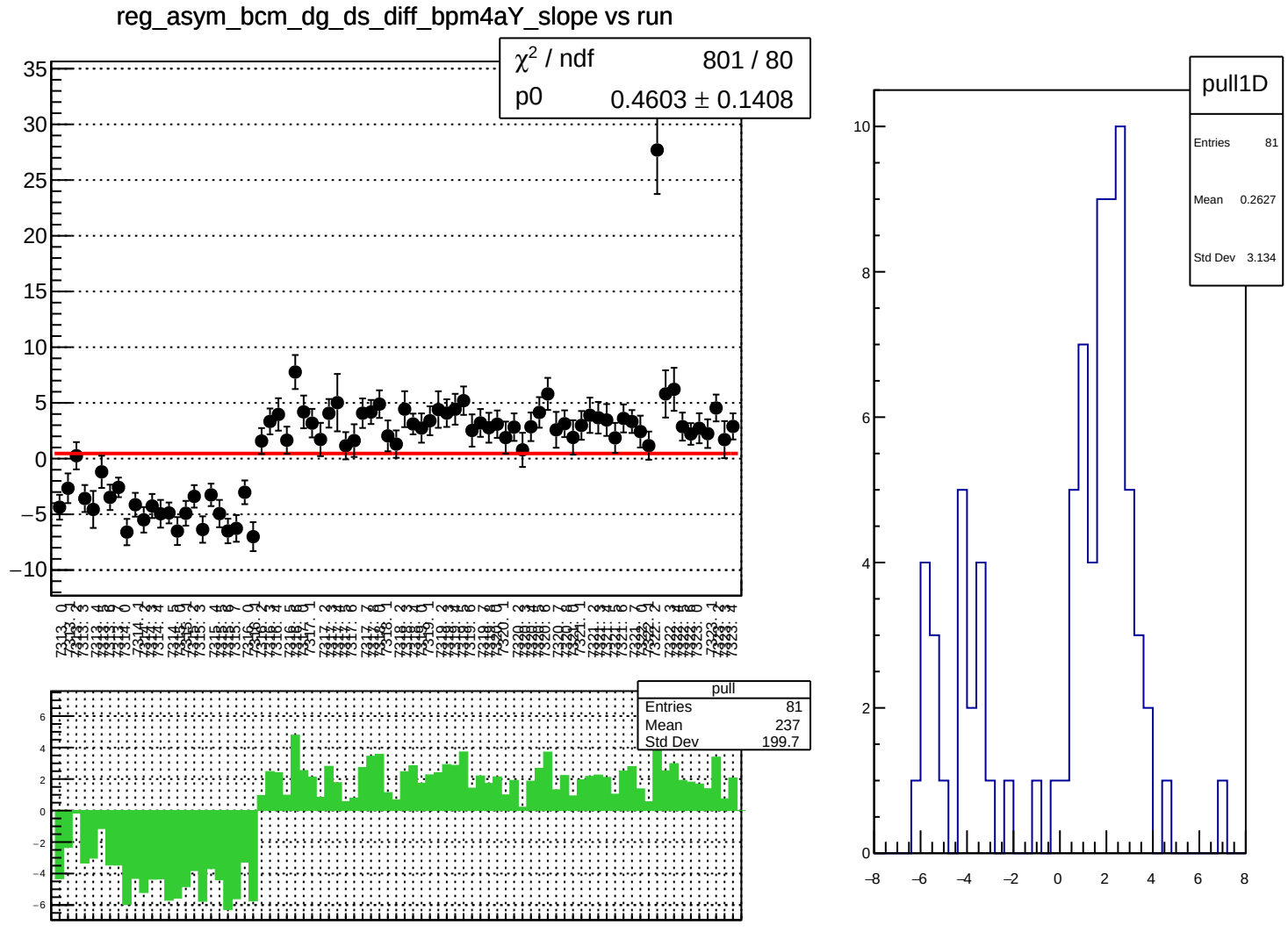

reg_asym_bcm_an_us_diff_bpm4eX_slope vs run
χ² / ndf 4486 / 80
p0 20.47 ± 0.1631
pull
Entries 81
Mean 100
Std Dev 57.84
pull1D
Entries 81
Mean 1.843
Std Dev 3.741

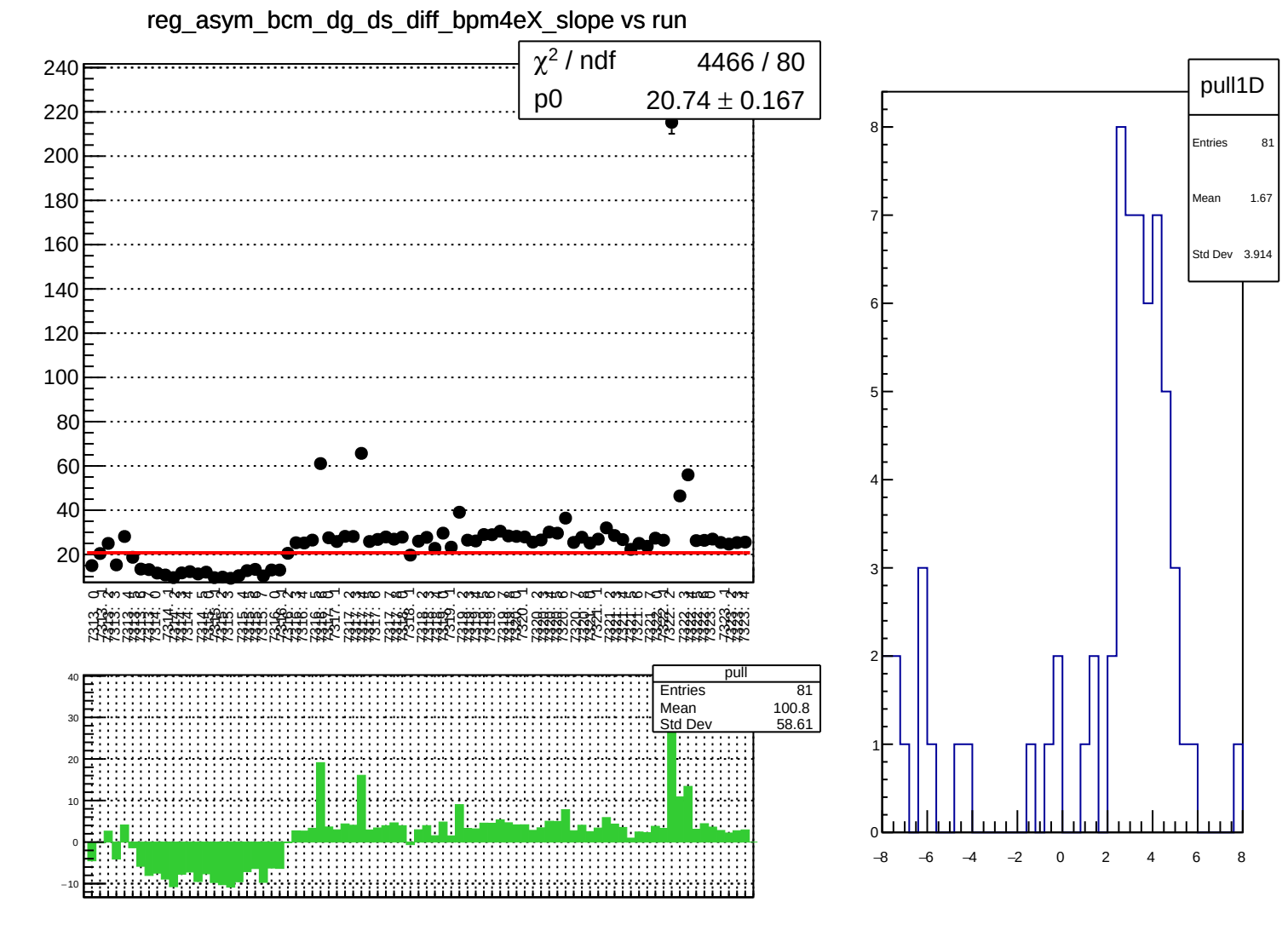

reg_asym_bcm_an_us_diff_bpm4eY_slope vs run
χ² / ndf 928.1 / 80
p0 −1.666 ± 0.1492
pull
Entries 81
Mean 208.4
Std Dev 170.8
pull1D
Entries 81
Mean −0.3373
Std Dev 3.368

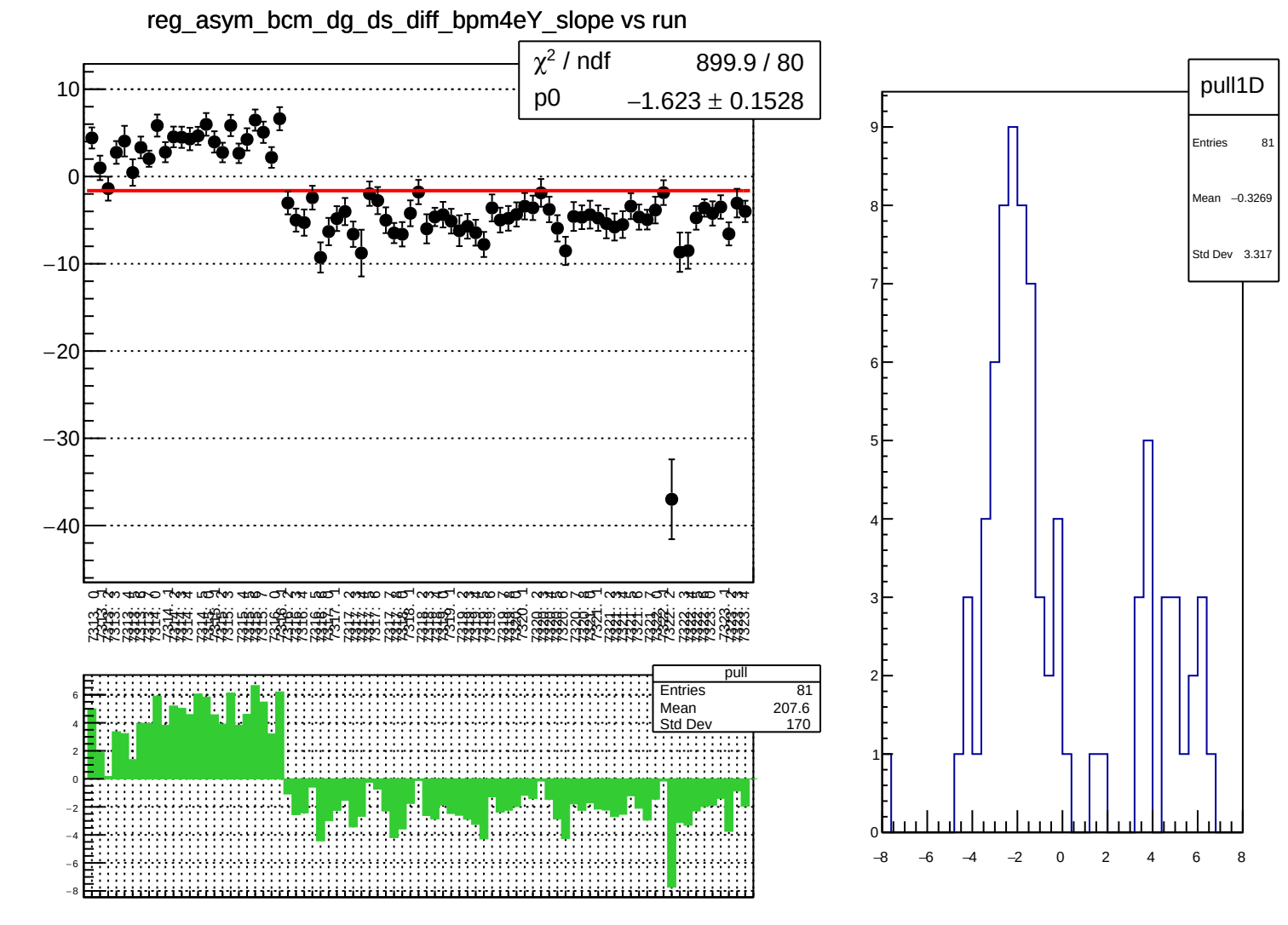

reg_asym_bcm_an_us_diff_bpm12X_slope vs run
χ² / ndf 141.4 / 80
p0 0.05656 ± 0.006322
pull
Entries 81
Mean −463.8
Std Dev 494.1

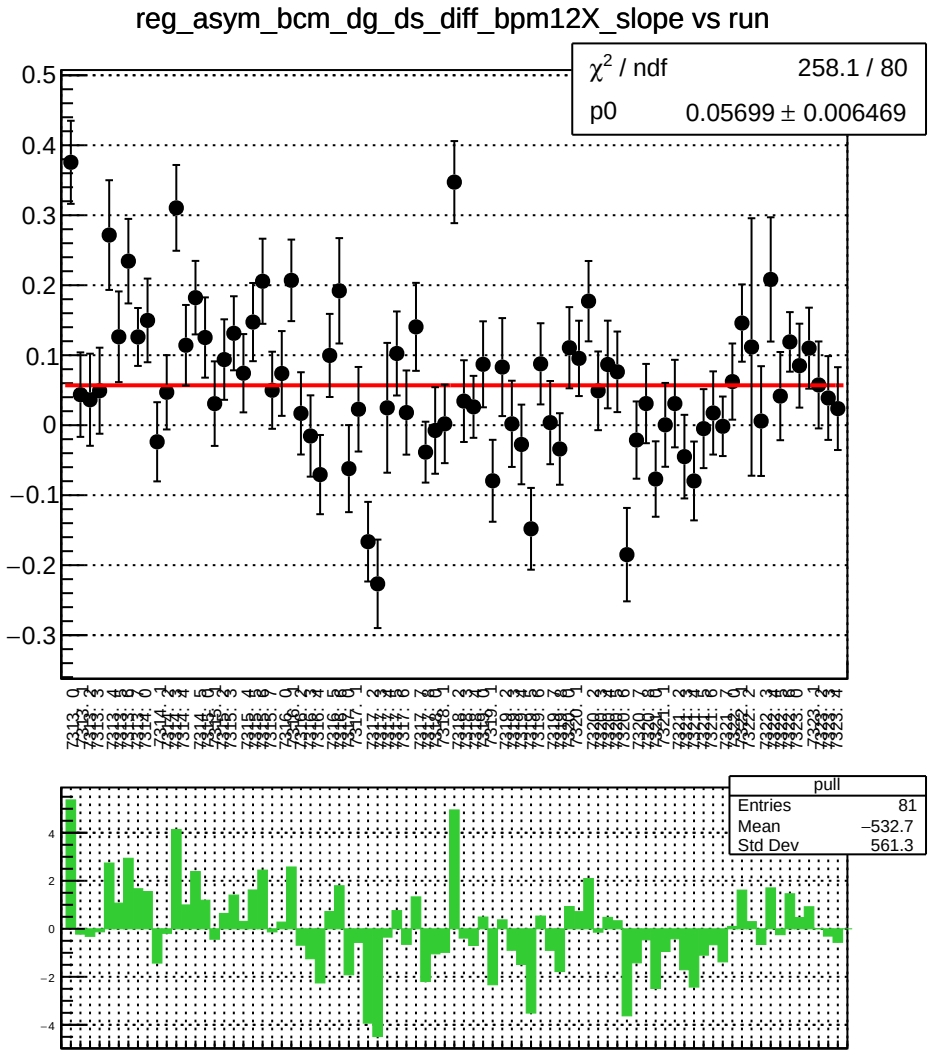

pull1D
Entries 81
Mean 0.03138
Std Dev 1.321

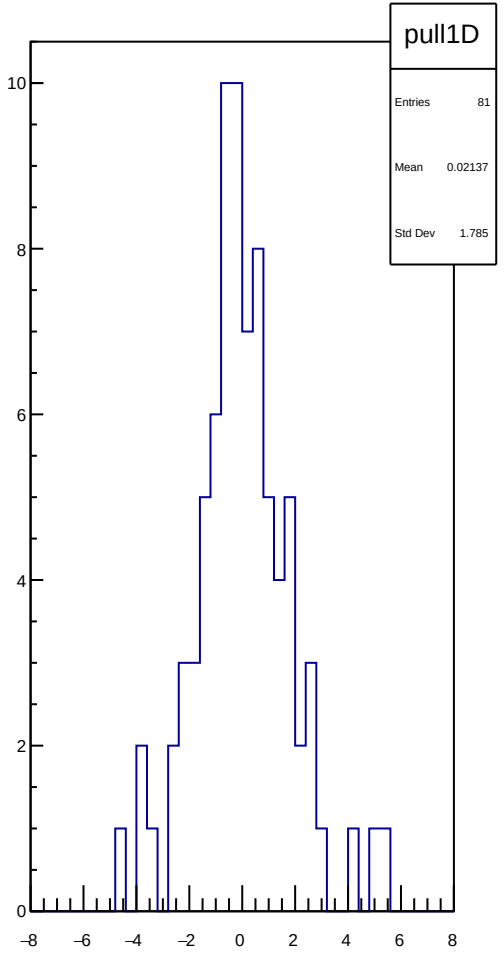

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs run
χ² / ndf 4504 / 80
p0 −21.11 ± 0.1679
pull
Entries 81
Mean 101.3
Std Dev 59.18
pull1D
Entries 81
Mean −1.65
Std Dev 3.875

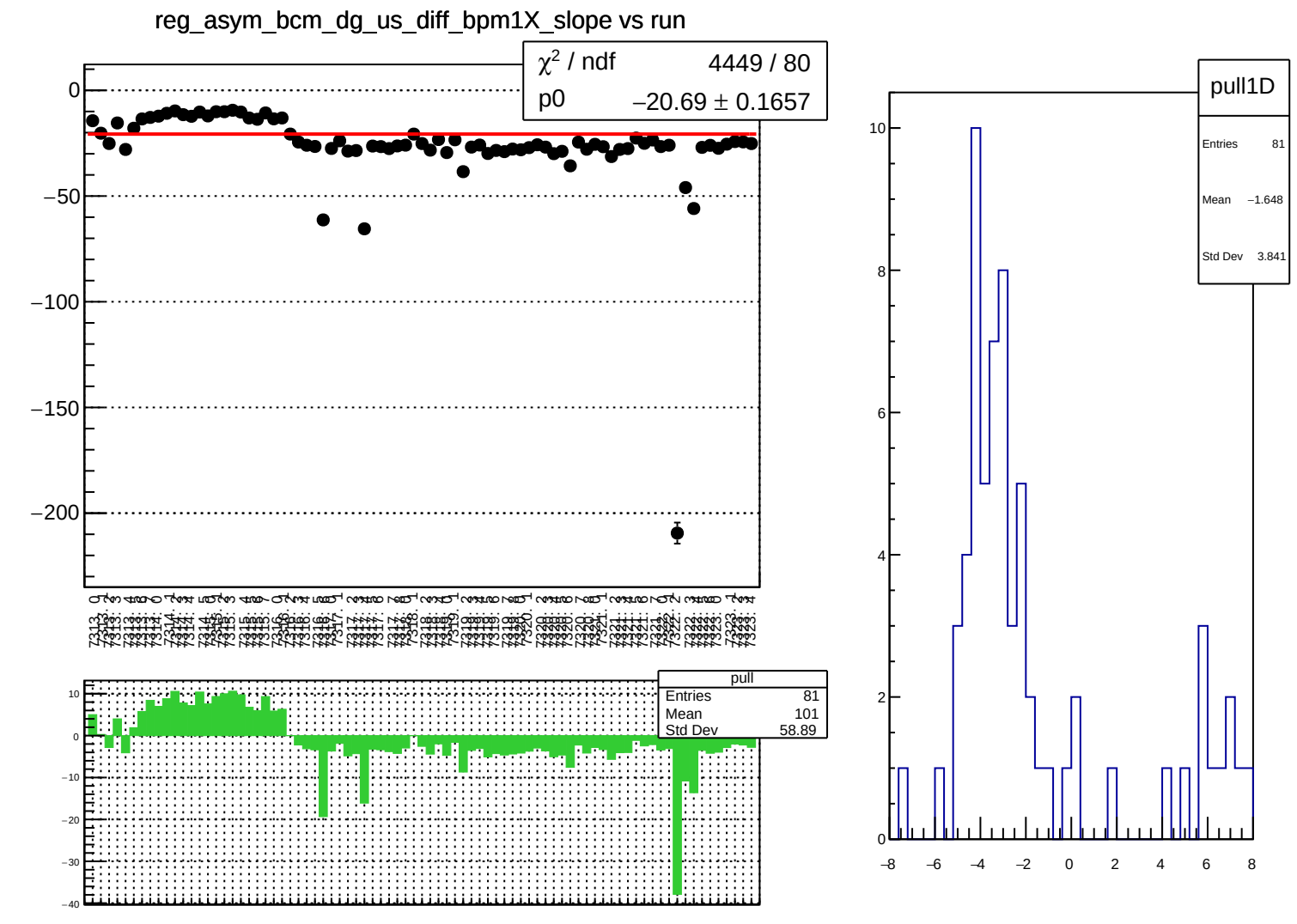

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs run
χ² / ndf 801 / 80
p0 0.4603 ± 0.1408
pull
Entries 81
Mean 237
Std Dev 199.7
pull1D
Entries 81
Mean 0.2627
Std Dev 3.134

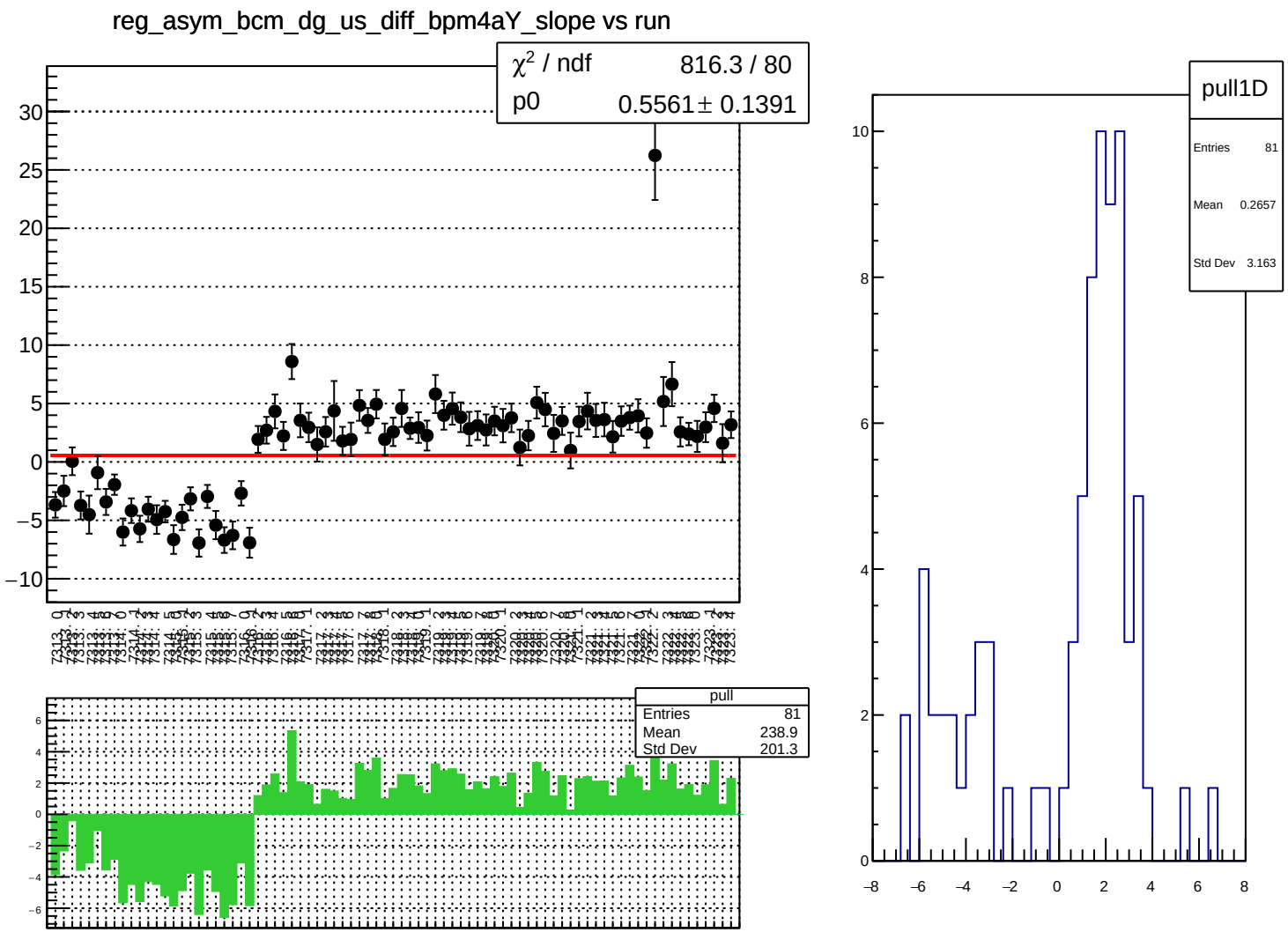

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs run
χ² / ndf 4466 / 80
p0 20.74 ± 0.167
pull
Entries 81
Mean 100.8
Std Dev 58.61
pull1D
Entries 81
Mean 1.67
Std Dev 3.914

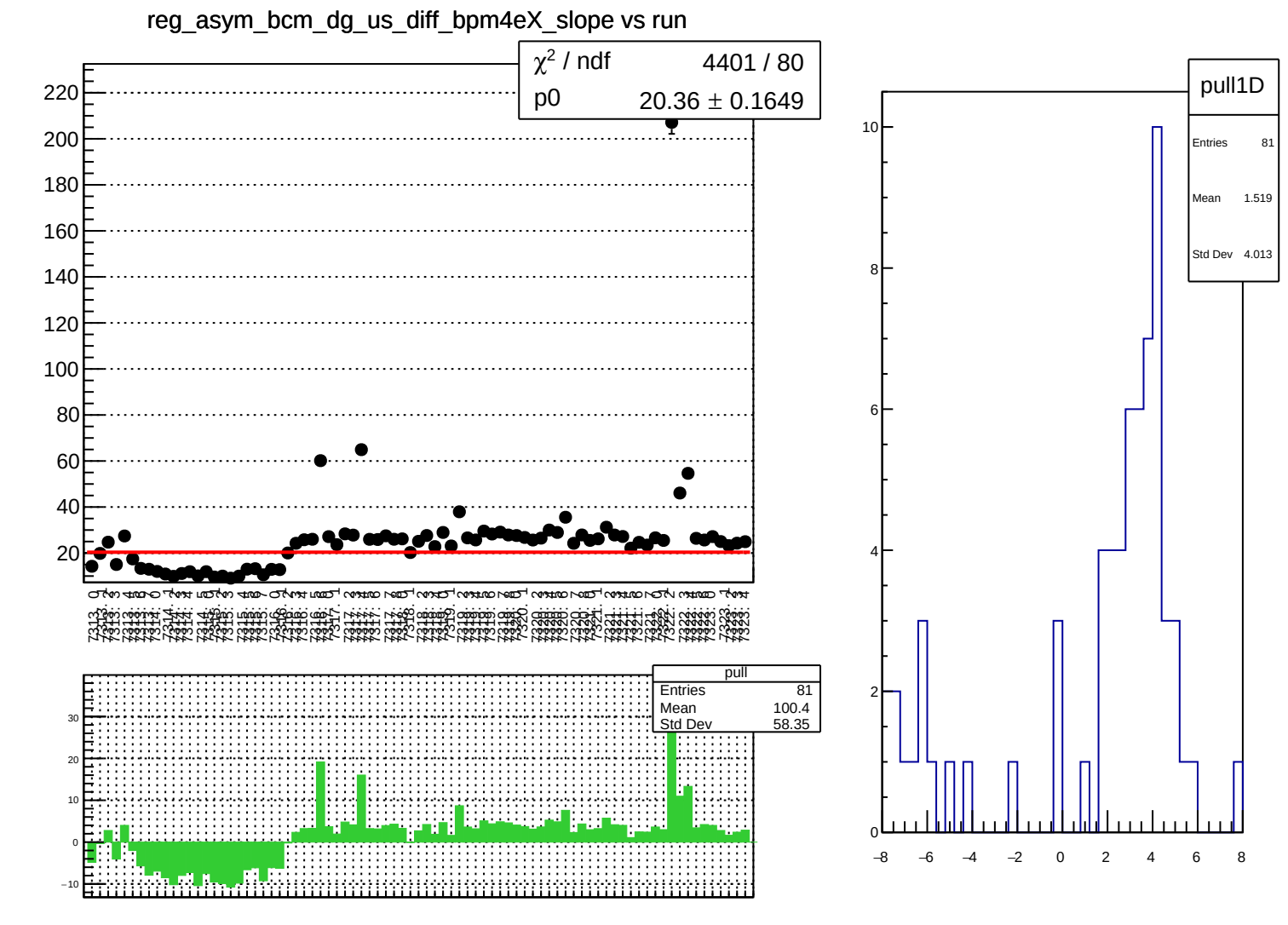

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs run
χ² / ndf 899.9 / 80
p0 −1.623 ± 0.1528
pull
Entries 81
Mean 207.6
Std Dev 170
pull1D
Entries 81
Mean −0.3269
Std Dev 3.317

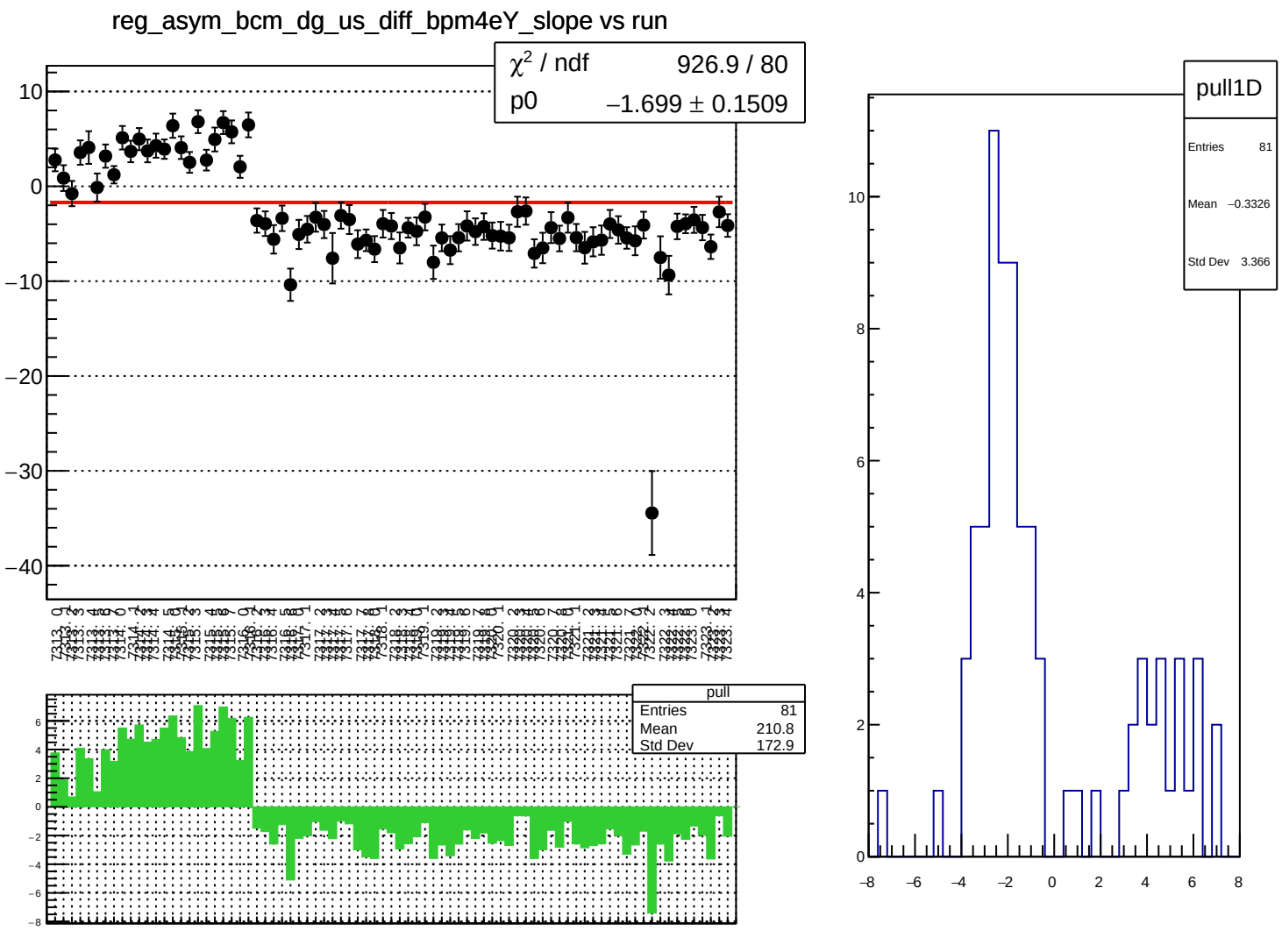

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs run
χ² / ndf 258.1 / 80
p0 0.05699 ± 0.006469
pull
Entries 81
Mean −532.7
Std Dev 561.3

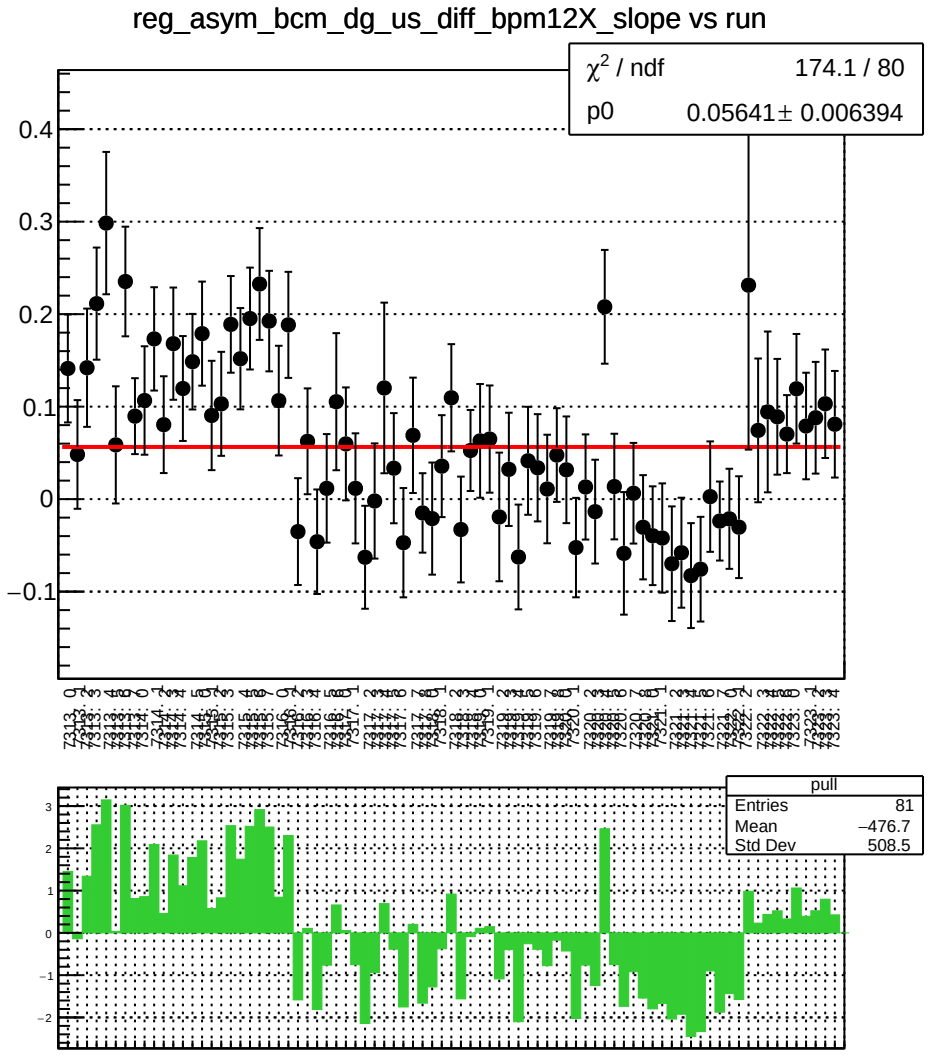

pull1D
Entries 81
Mean 0.02137
Std Dev 1.785

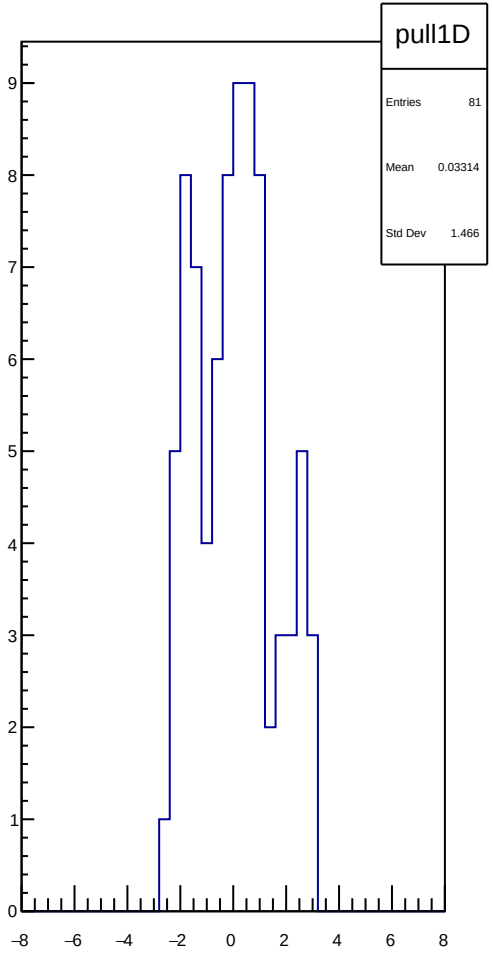

reg_asym_bcm_dg_us_diff_bpm1X_slope vs run
χ² / ndf 4449 / 80
p0 −20.69 ± 0.1657
pull
Entries 81
Mean 101
Std Dev 58.89
pull1D
Entries 81
Mean −1.648
Std Dev 3.841


reg_asym_bcm_dg_us_diff_bpm4aY_slope vs run
χ² / ndf 816.3 / 80
p0 0.5561± 0.1391
pull
Entries 81
Mean 238.9
Std Dev 201.3
pull1D
Entries 81
Mean 0.2657
Std Dev 3.163


reg_asym_bcm_dg_us_diff_bpm4eX_slope vs run
χ² / ndf 4401 / 80
p0 20.36 ± 0.1649
pull
Entries 81
Mean 100.4
Std Dev 58.35
pull1D
Entries 81
Mean 1.519
Std Dev 4.013


reg_asym_bcm_dg_us_diff_bpm4eY_slope vs run
χ² / ndf 926.9 / 80
p0 −1.699 ± 0.1509
pull
Entries 81
Mean 210.8
Std Dev 172.9
pull1D
Entries 81
Mean −0.3326
Std Dev 3.366


reg_asym_bcm_dg_us_diff_bpm12X_slope vs run
χ² / ndf 174.1 / 80
p0 0.05641± 0.006394
pull
Entries 81
Mean −476.7
Std Dev 508.5


pull1D
Entries 81
Mean 0.03314
Std Dev 1.466