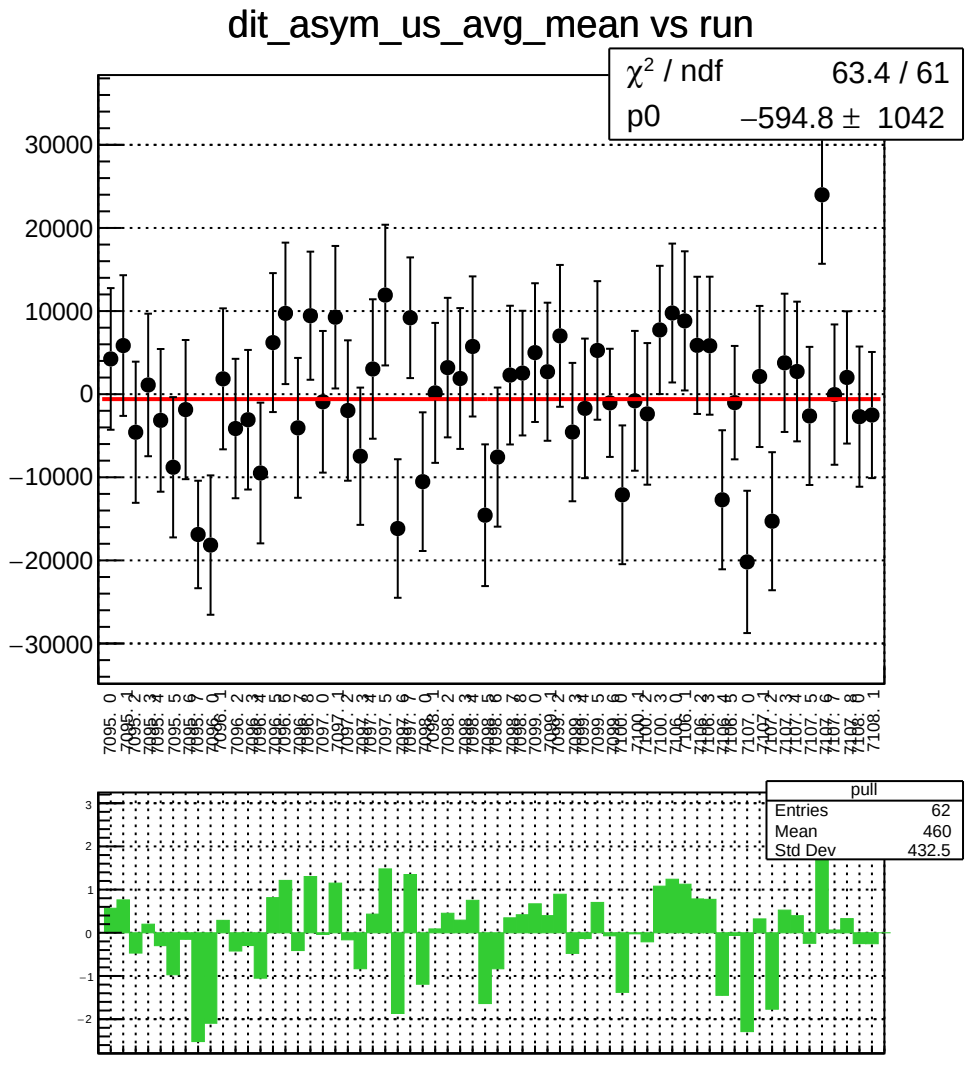
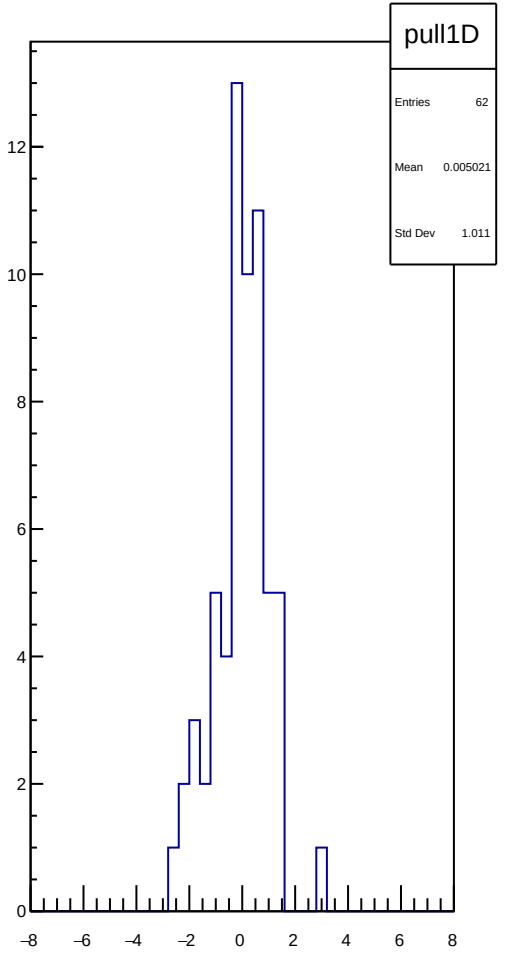
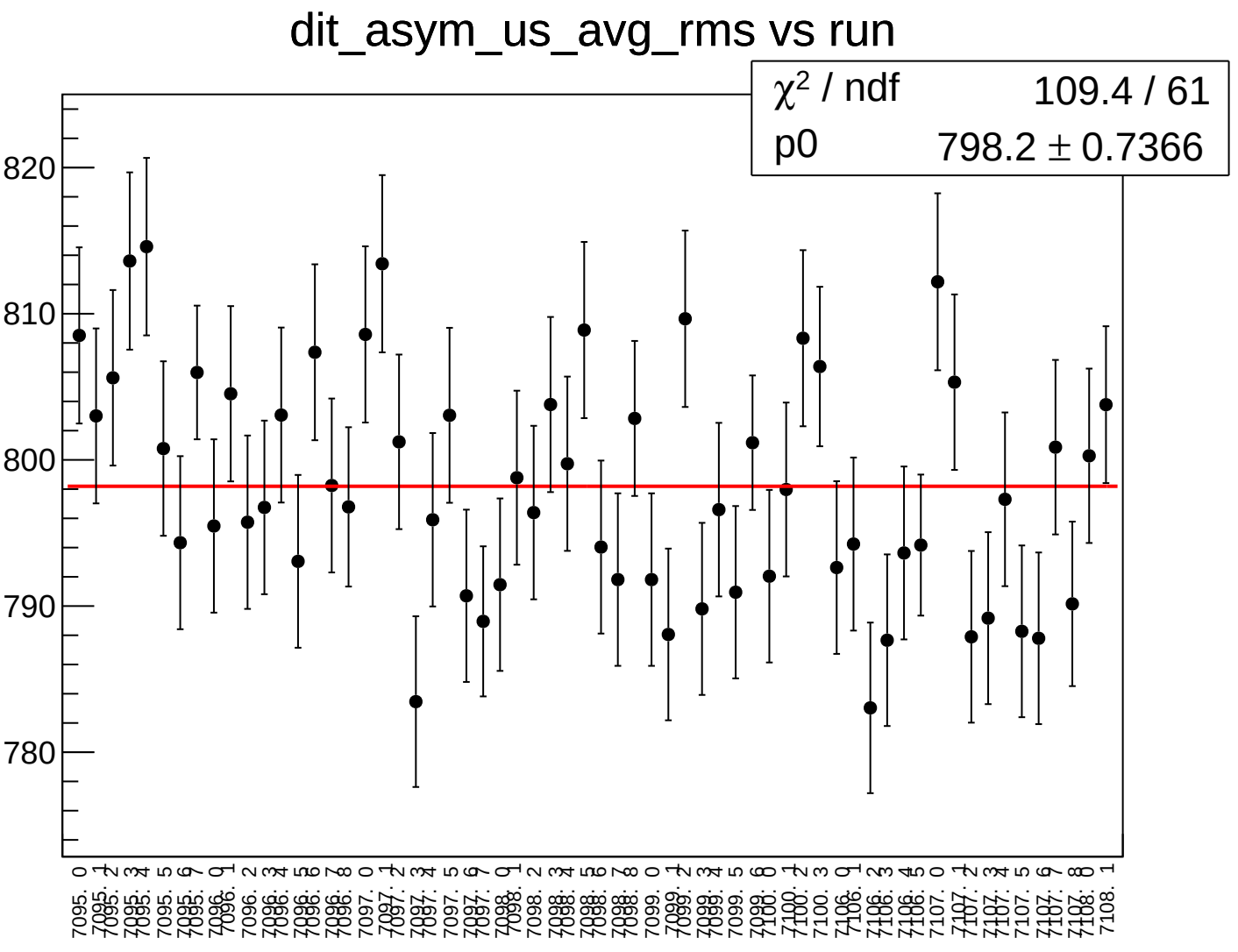
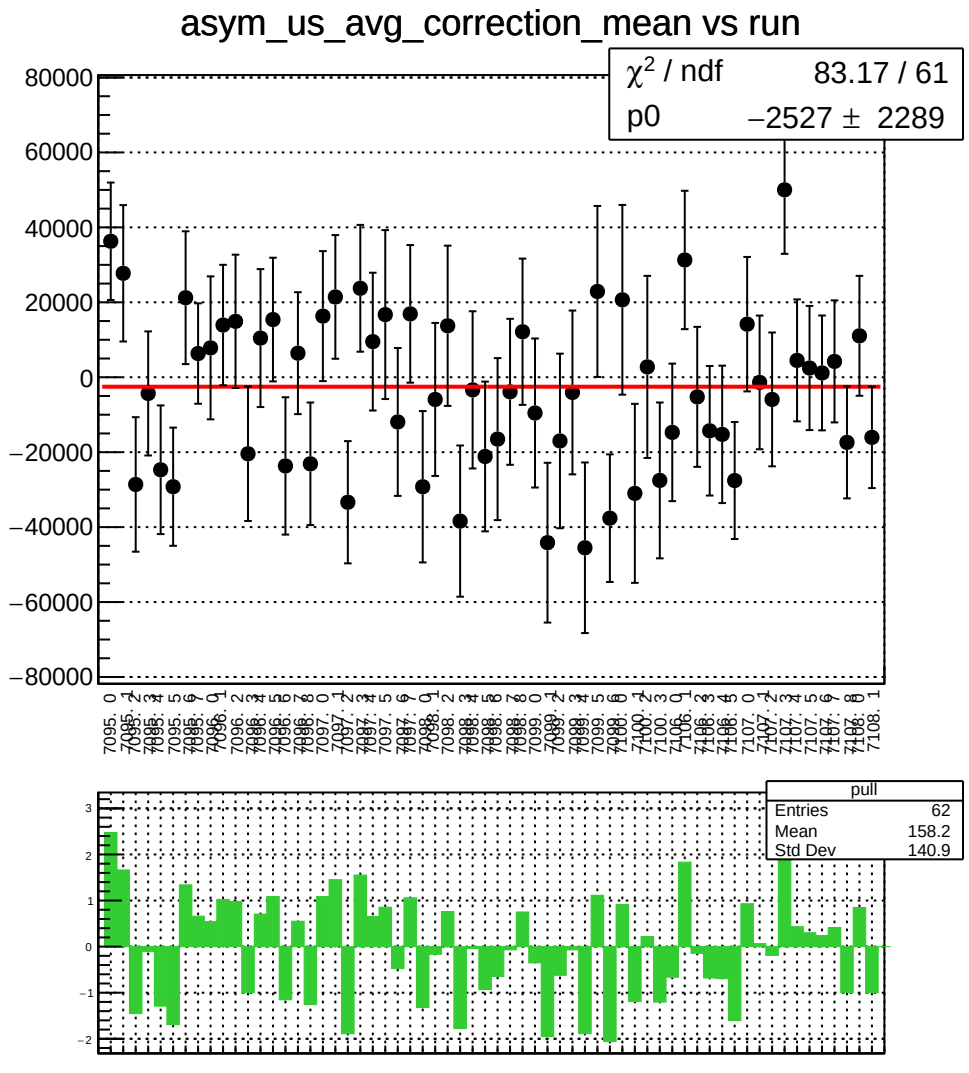
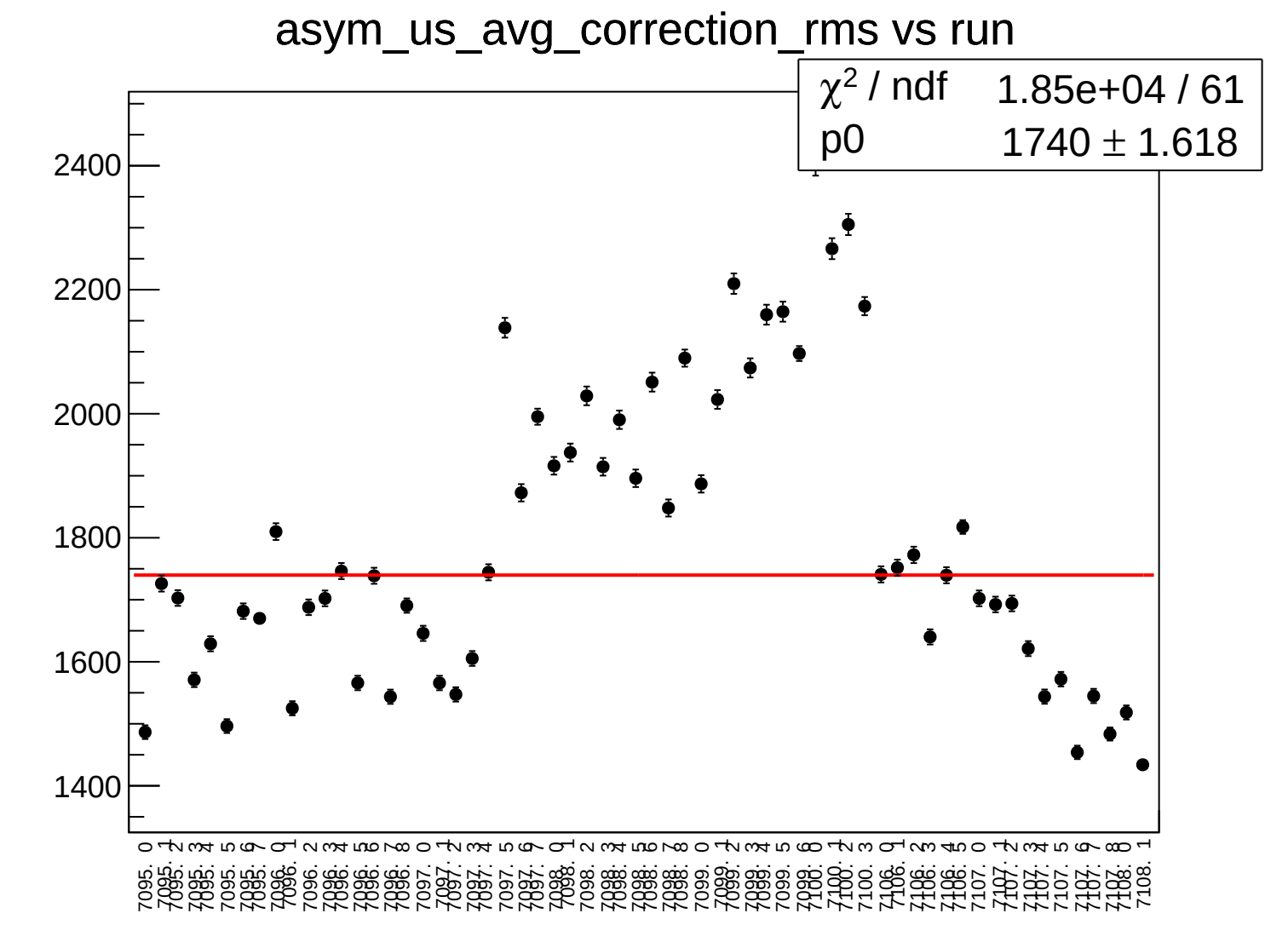
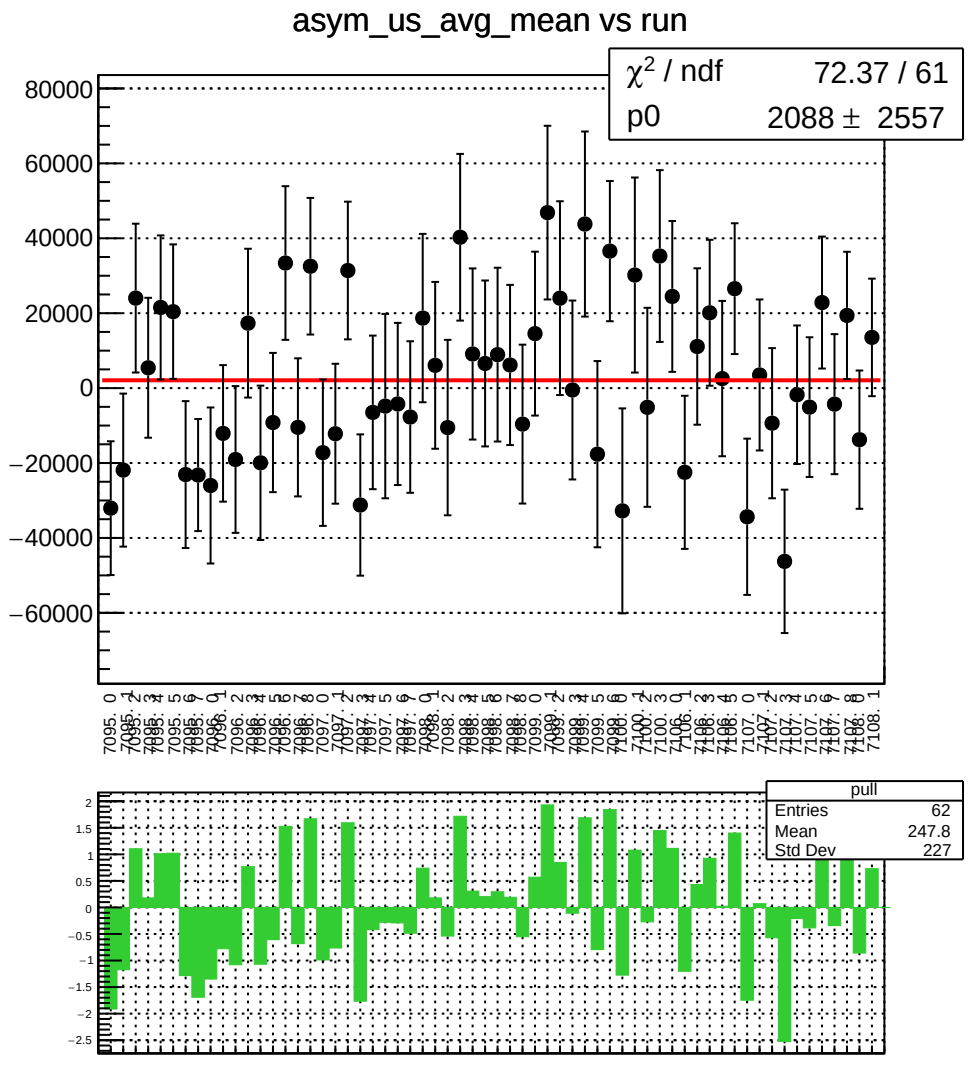

dit_asym_us_avg_mean vs run
χ² / ndf 63.4 / 61
p0 −594.8 ± 1042
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 62
Mean 460
Std Dev 432.5
3
2
1
0
−1
−2

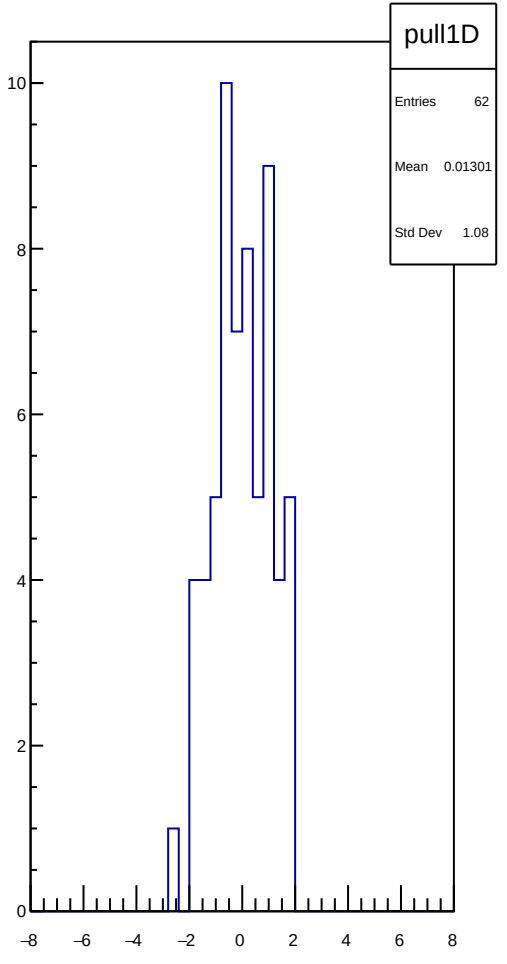

pull1D
Entries 62
Mean 0.005021
Std Dev 1.011
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

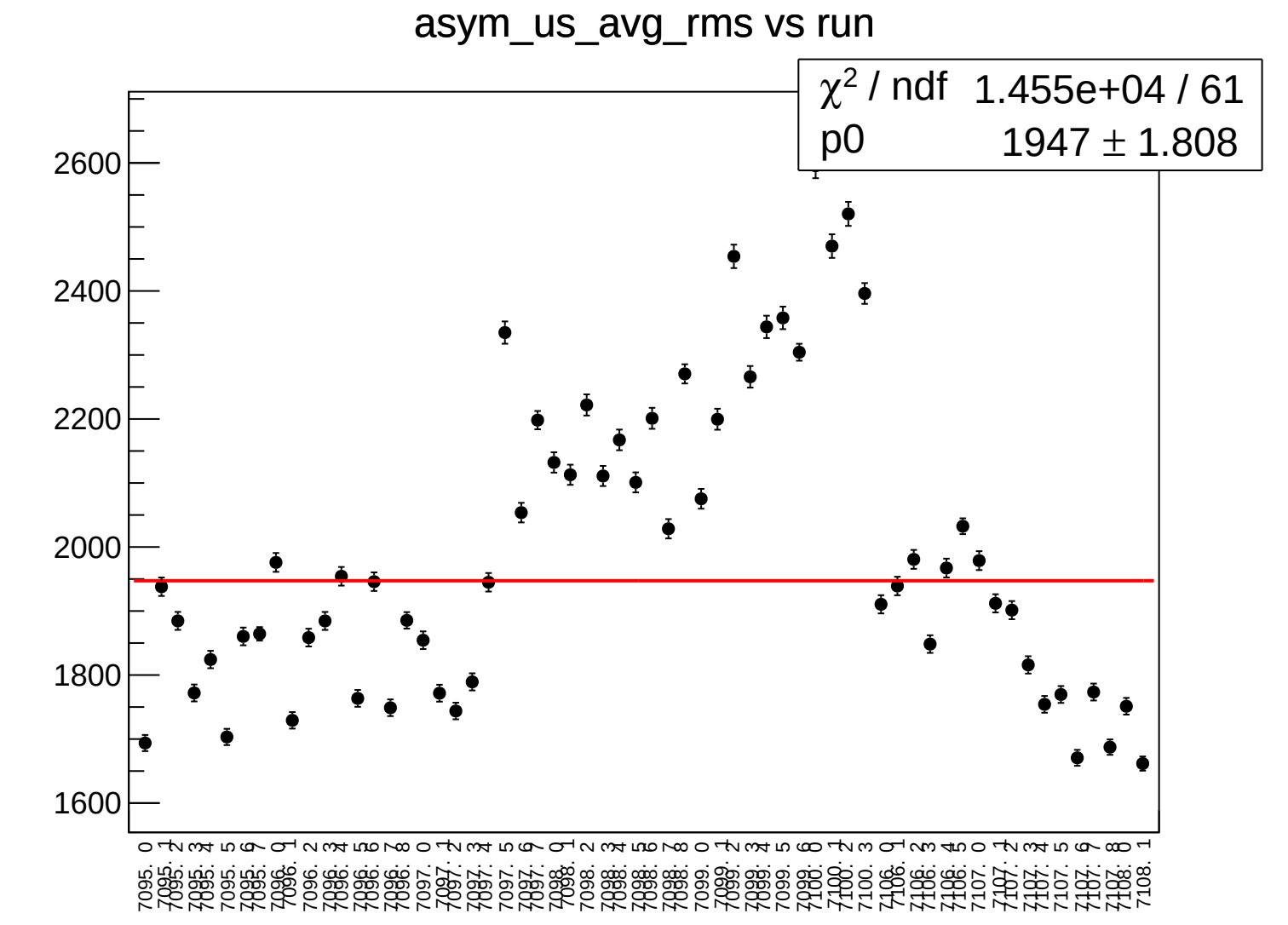

dit_asym_us_avg_rms vs run
χ² / ndf 109.4 / 61
p0 798.2 ± 0.7366
820
810
800
790
780
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7100. 4
7100. 5
7100. 6
7100. 7
7100. 8
7100. 9
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7106. 6
7106. 7
7106. 8
7106. 9
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

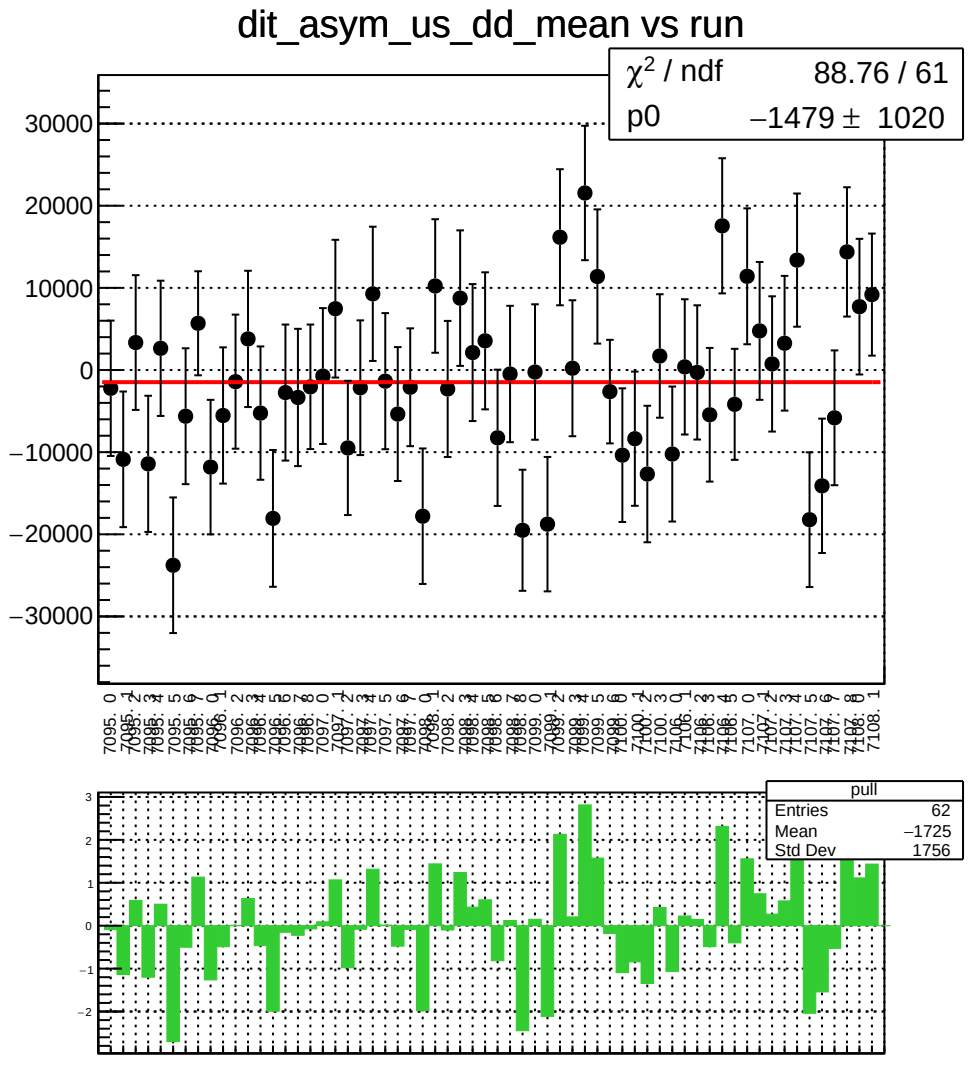

asym_us_avg_correction_mean vs run
χ² / ndf 83.17 / 61
p0 −2527 ± 2289
pull
Entries 62
Mean 158.2
Std Dev 140.9
pull1D
Entries 62
Mean −0.01604
Std Dev 1.158

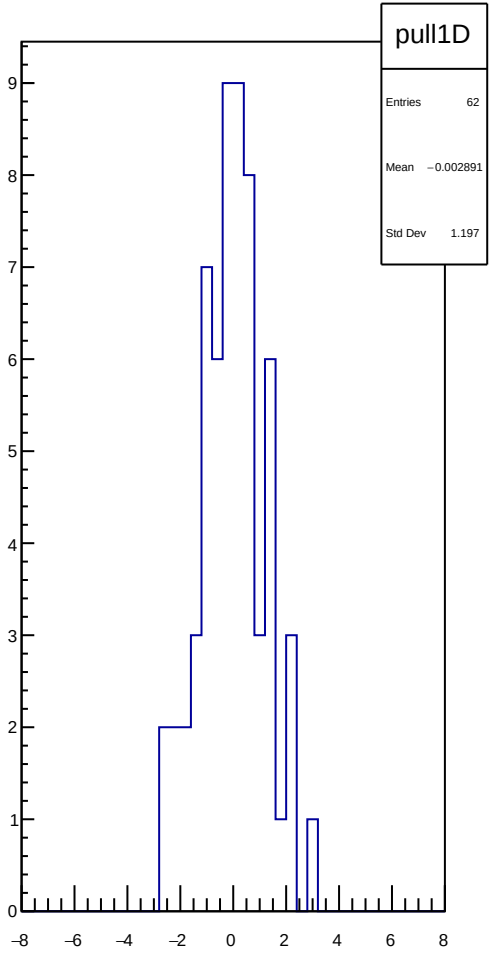

asym_us_avg_correction_rms vs run
χ^2 / ndf 1.85e+04 / 61
p0 1740 ± 1.618
2400
2200
2000
1800
1600
1400

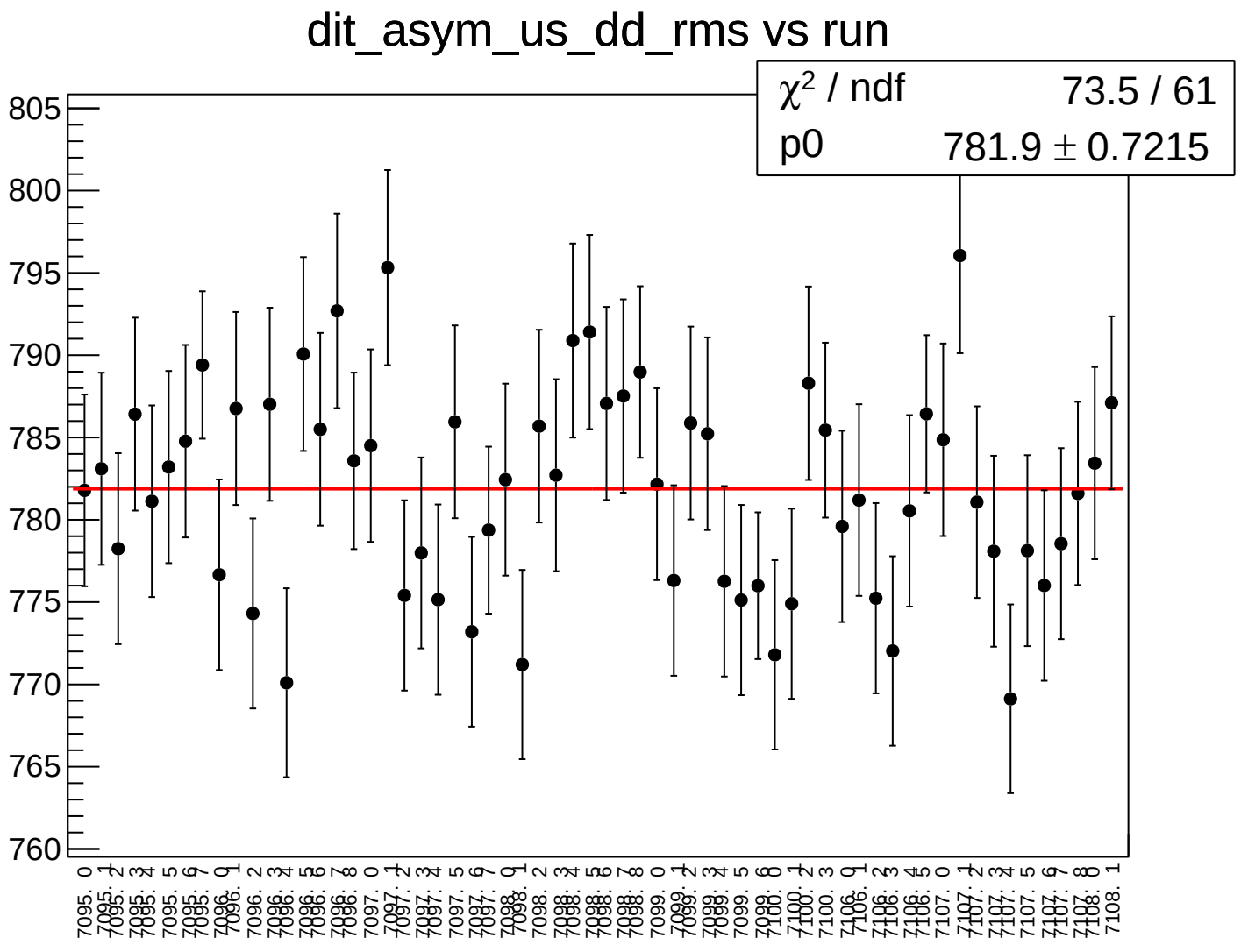

asym_us_avg_mean vs run
χ² / ndf 72.37 / 61
p0 2088 ± 2557
pull
Entries 62
Mean 247.8
Std Dev 227

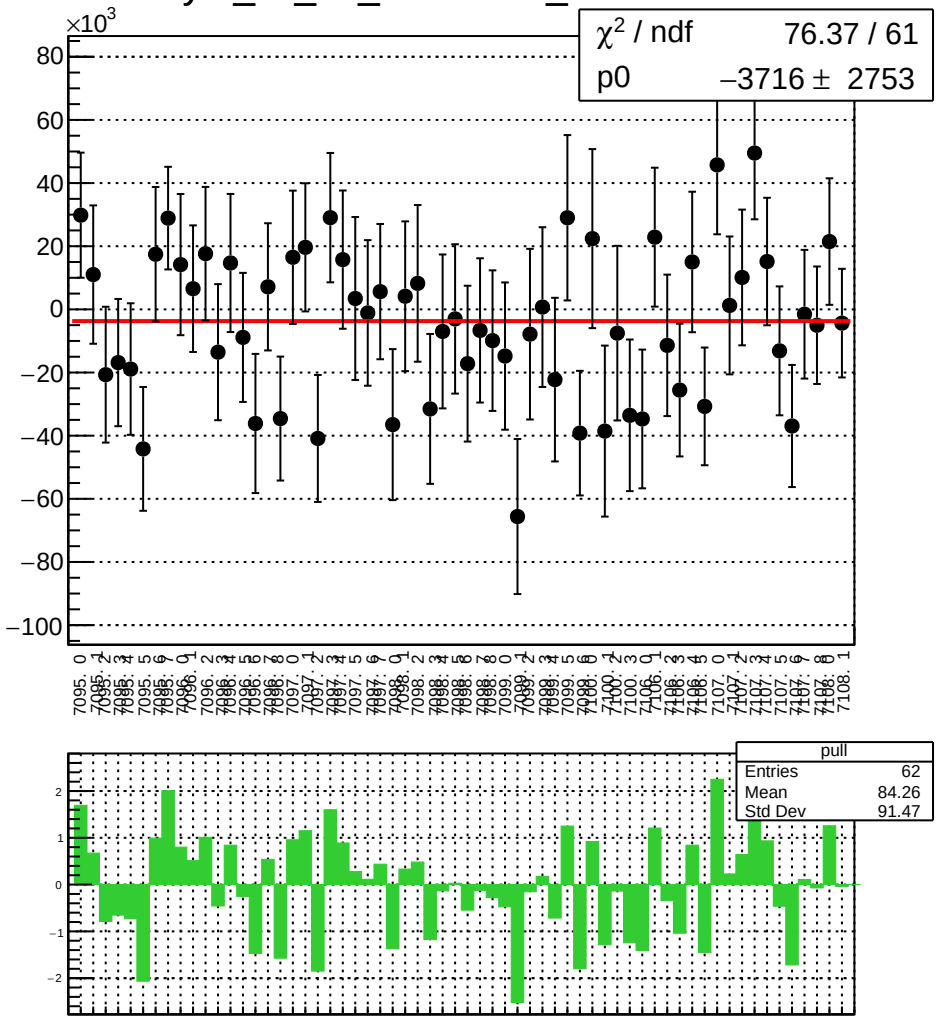

pull1D
Entries 62
Mean 0.01301
Std Dev 1.08

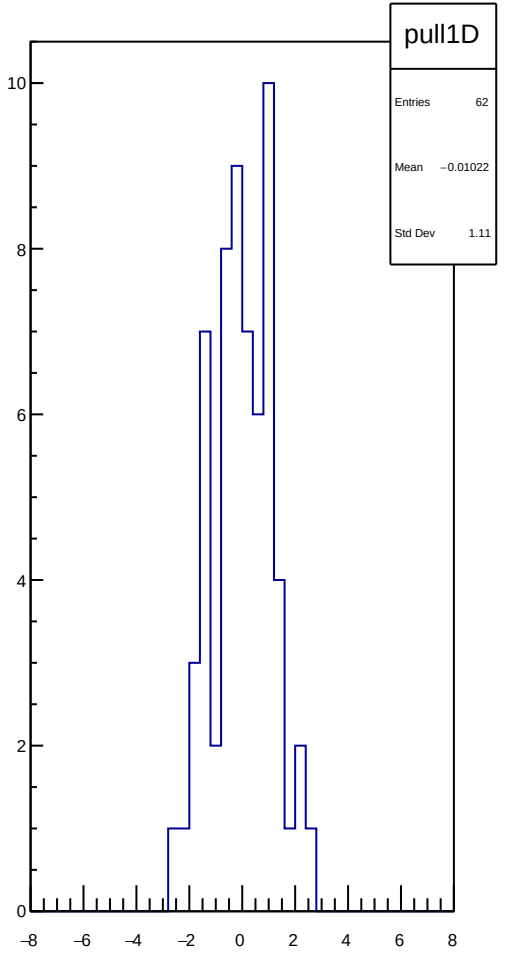

asym_us_avg_rms vs run
χ² / ndf 1.455e+04 / 61
p0 1947 ± 1.808
2600
2400
2200
2000
1800
1600
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

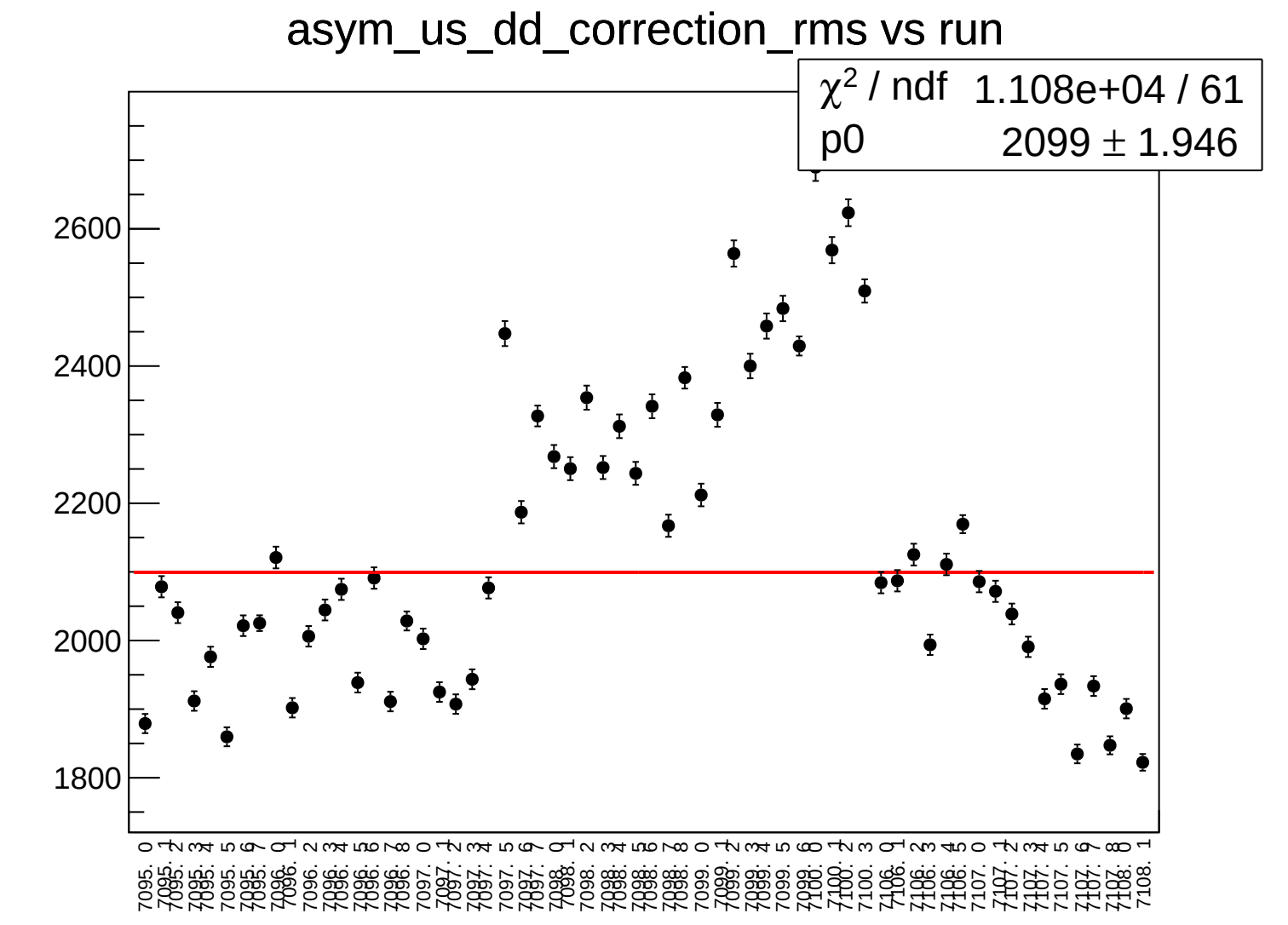

dit_asym_us_dd_mean vs run
χ^2 / ndf 88.76 / 61
p0 −1479 ± 1020
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 62
Mean −1725
Std Dev 1756
3
2
1
0
−1
−2

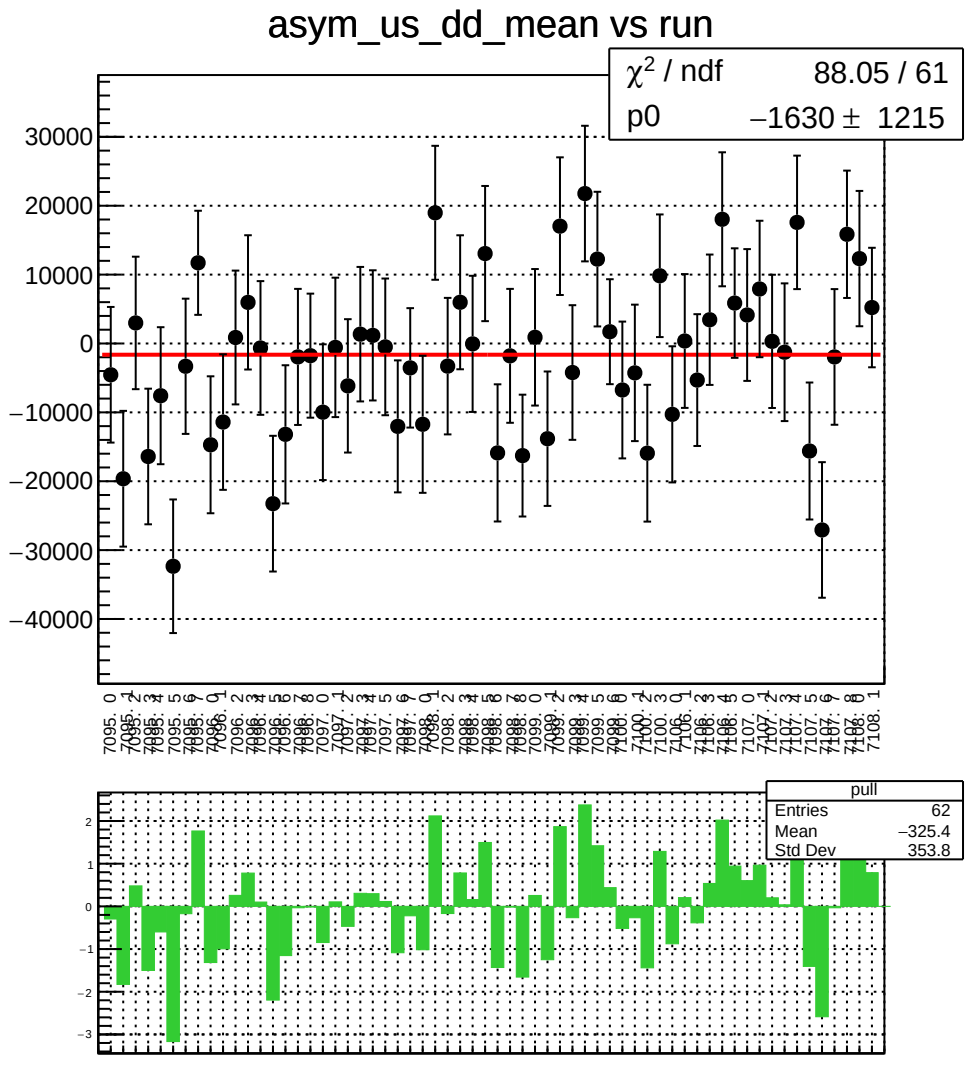

pull1D
Entries 62
Mean −0.002891
Std Dev 1.197
9
8
7
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

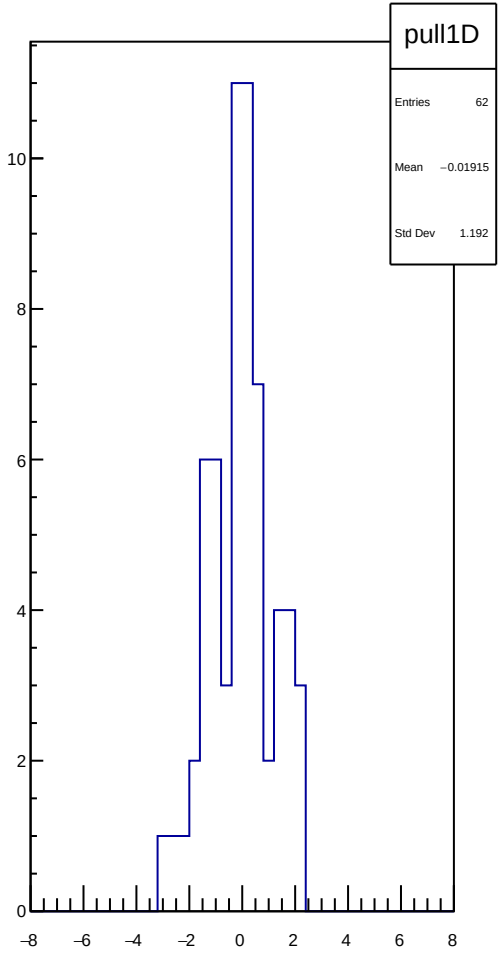

dit_asym_us_dd_rms vs run
χ² / ndf 73.5 / 61
p0 781.9 ± 0.7215
805
800
795
790
785
780
775
770
765
760

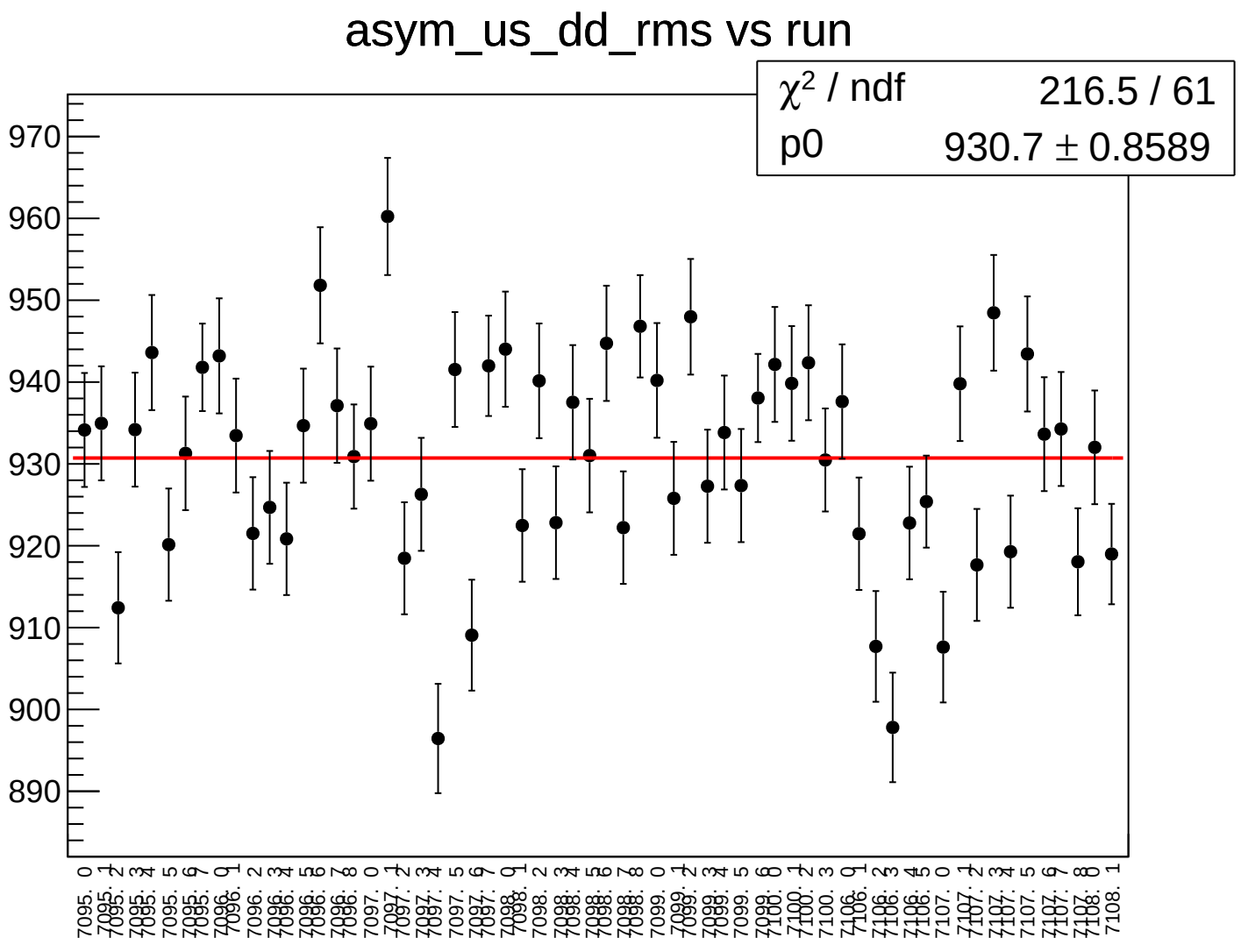

asym_us_dd_correction_mean vs run
×10^3
χ² / ndf 76.37 / 61
p0 −3716 ± 2753
pull
Entries 62
Mean 84.26
Std Dev 91.47

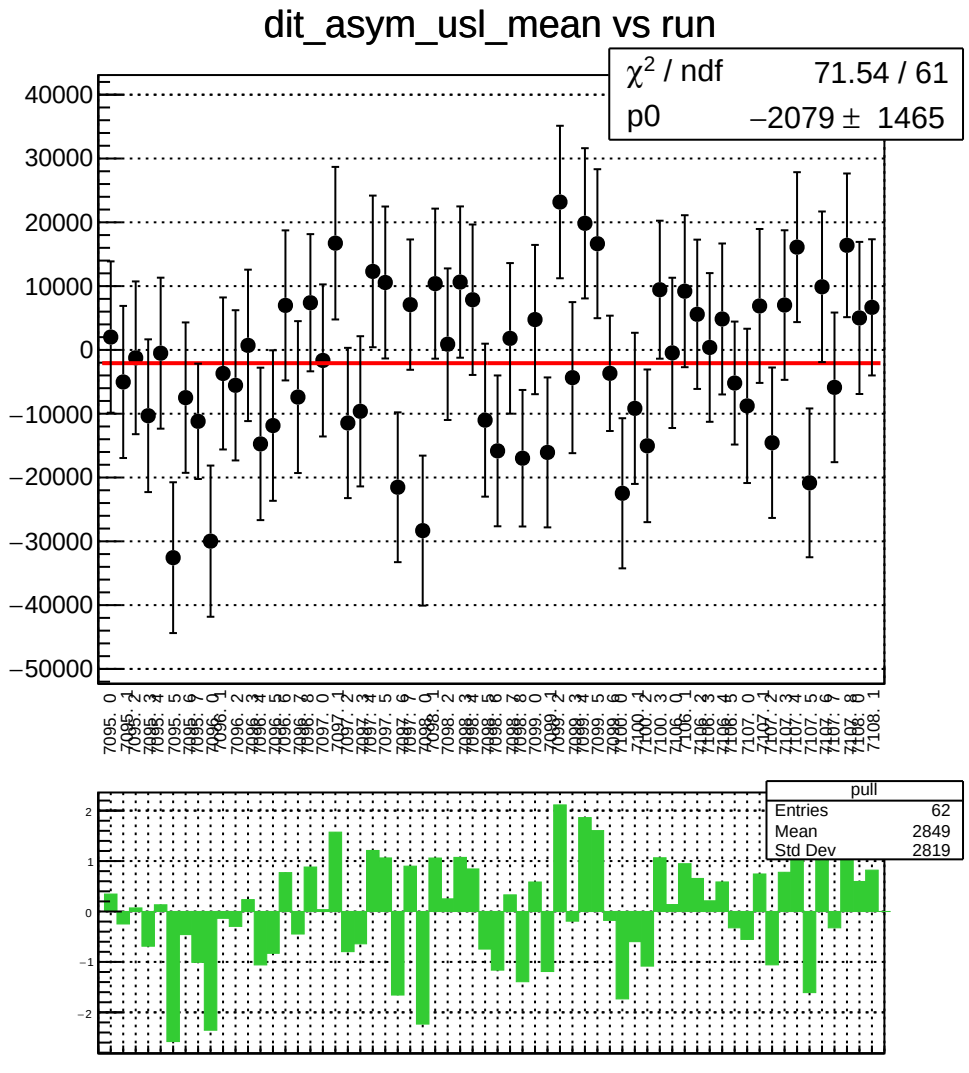

pull1D
Entries 62
Mean −0.01022
Std Dev 1.11

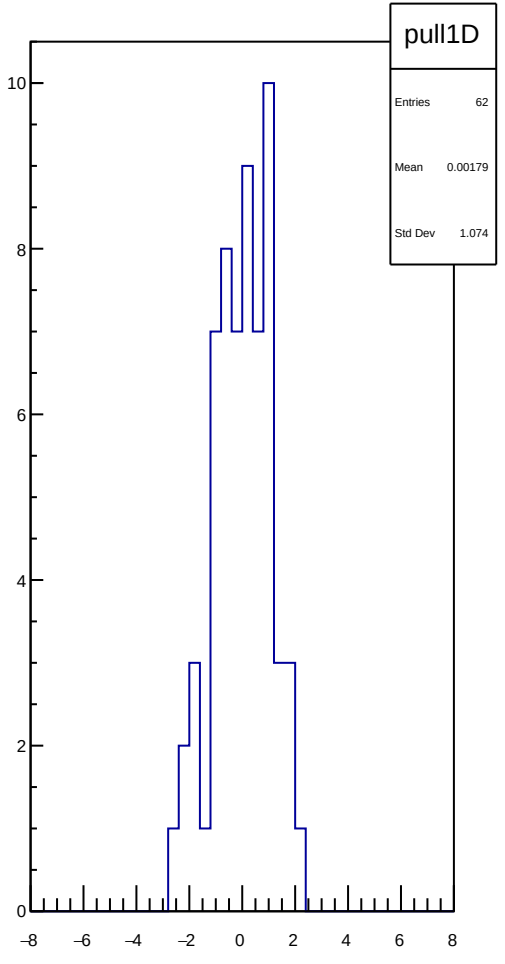

asym_us_dd_correction_rms vs run
χ² / ndf 1.108e+04 / 61
p0 2099 ± 1.946
2600
2400
2200
2000
1800

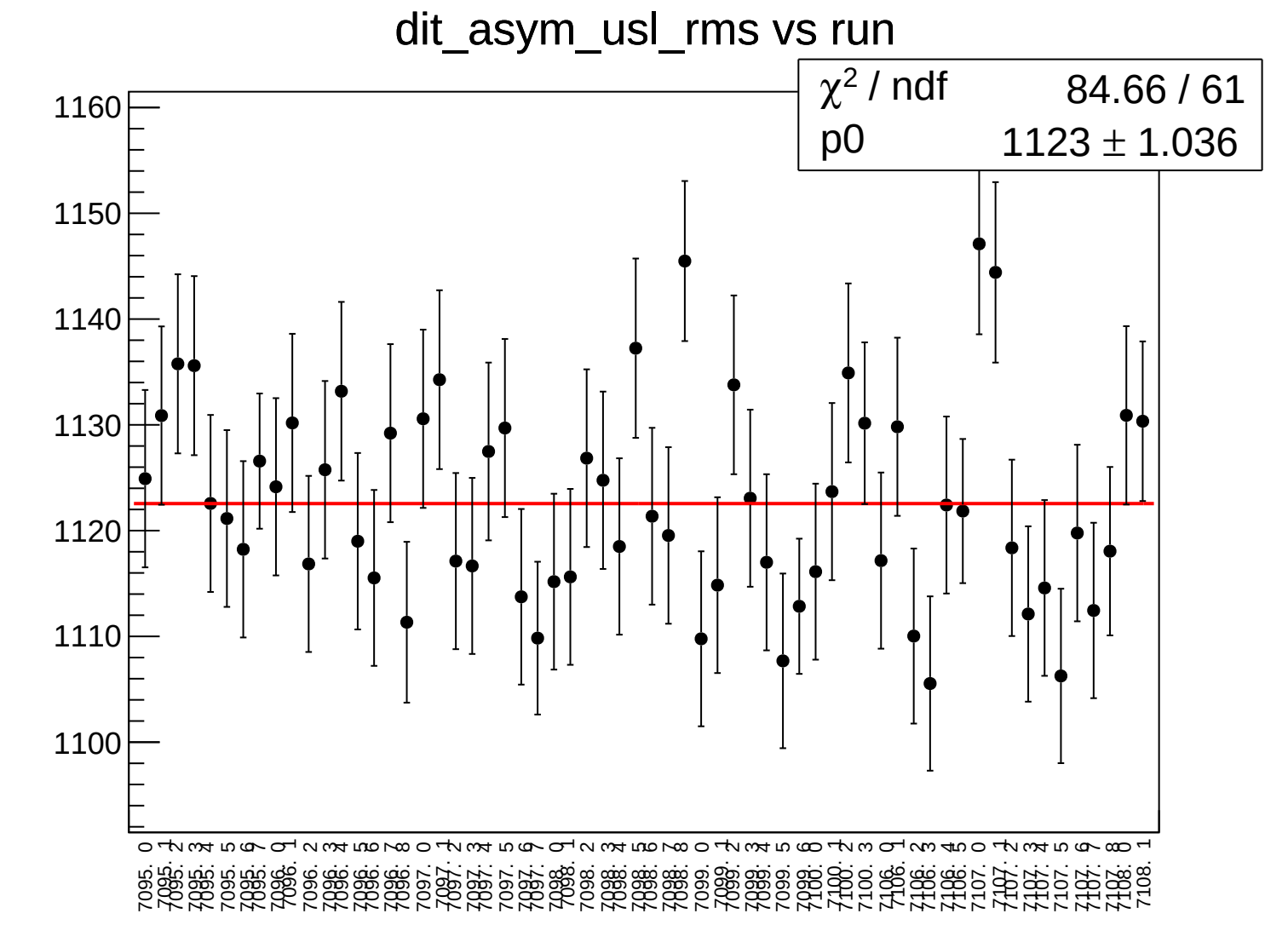

asym_us_dd_mean vs run
χ² / ndf 88.05 / 61
p0 −1630 ± 1215
30000
20000
10000
0
−10000
−20000
−30000
−40000
pull
Entries 62
Mean −325.4
Std Dev 353.8
2
1
0
−1
−2
−3

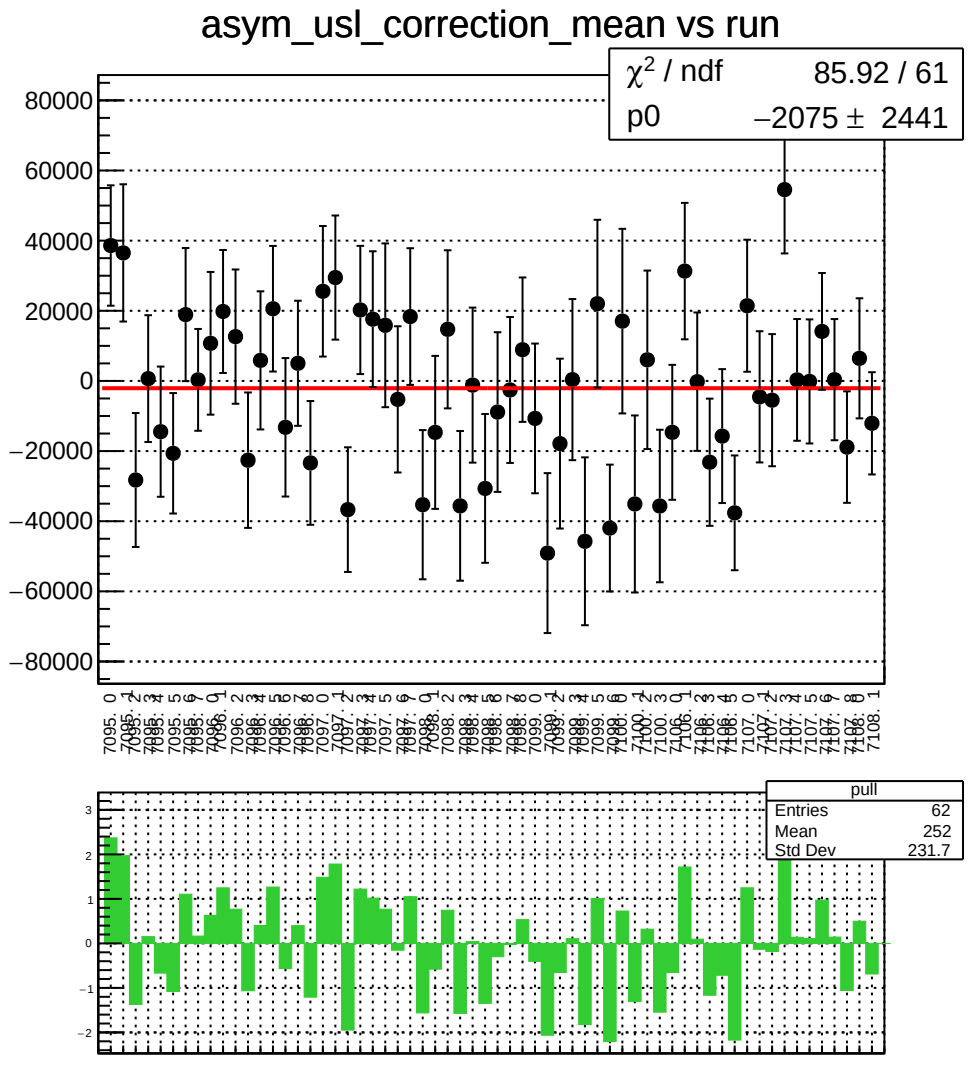

pull1D
Entries 62
Mean −0.01915
Std Dev 1.192
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

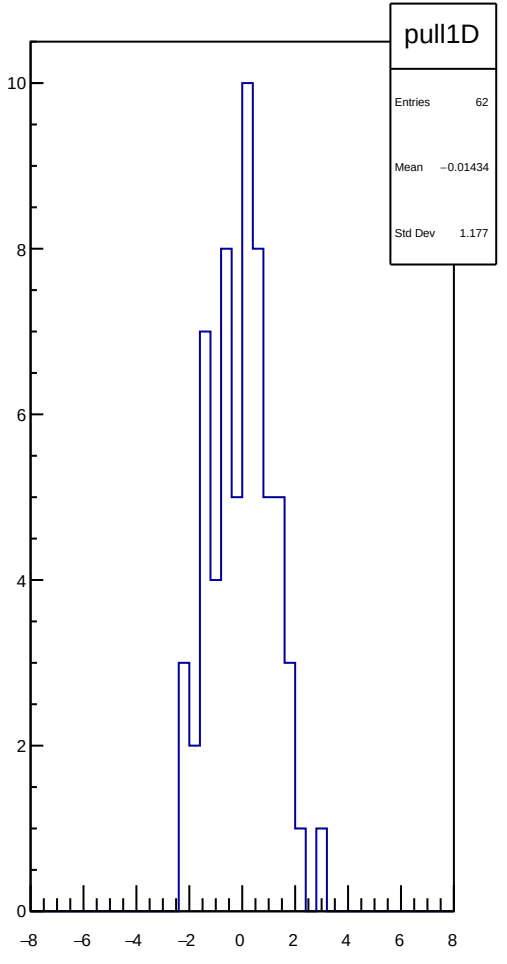

asym_us_dd_rms vs run
χ^2 / ndf 216.5 / 61
p0 930.7 ± 0.8589
970
960
950
940
930
920
910
900
890
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 9
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 9
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7100. 0
7100. 1
7100. 2
7100. 3
7106. 9
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7108. 0
7108. 1

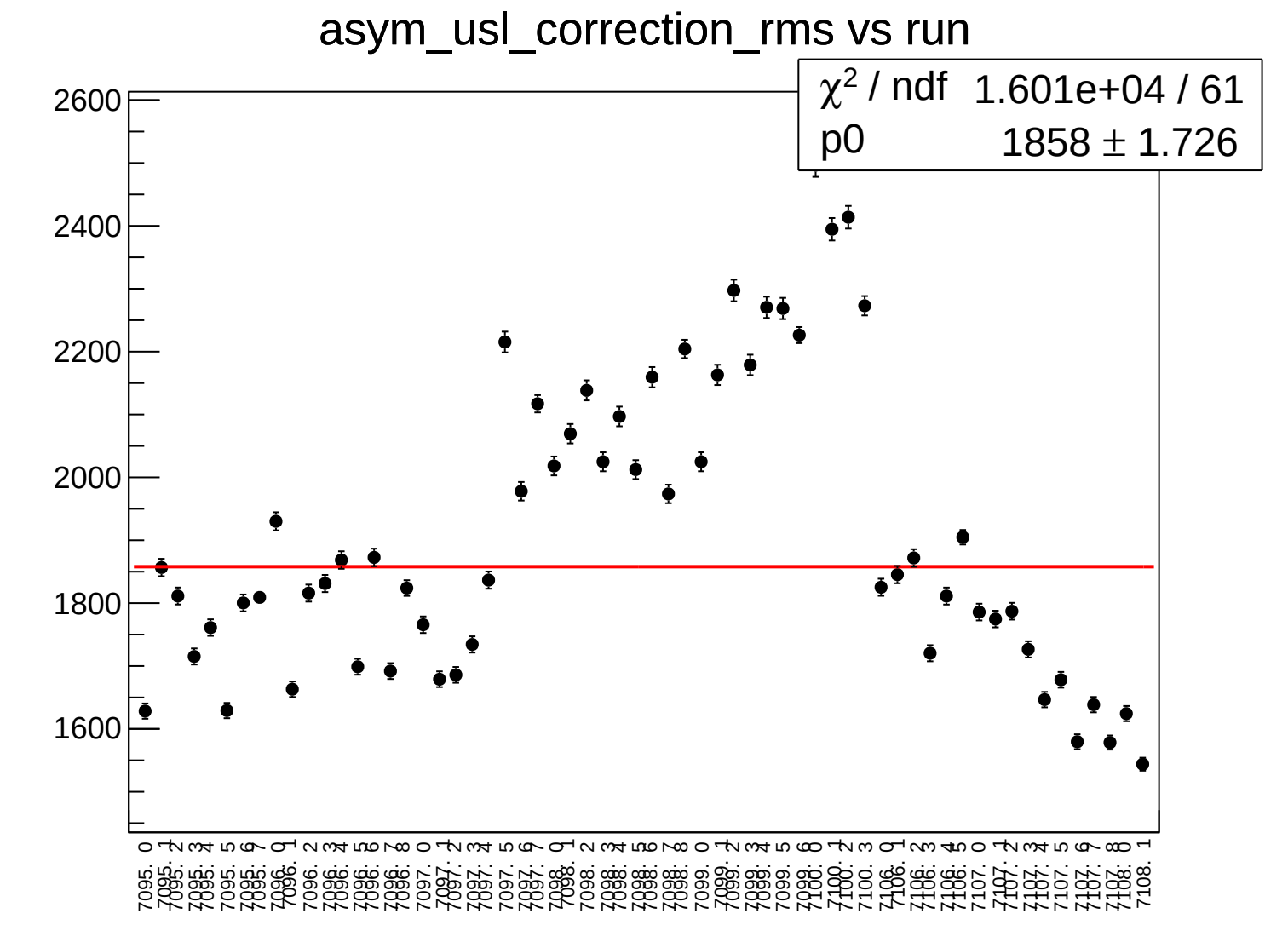

dit_asym_usl_mean vs run
χ² / ndf 71.54 / 61
p0 −2079 ± 1465
pull
Entries 62
Mean 2849
Std Dev 2819

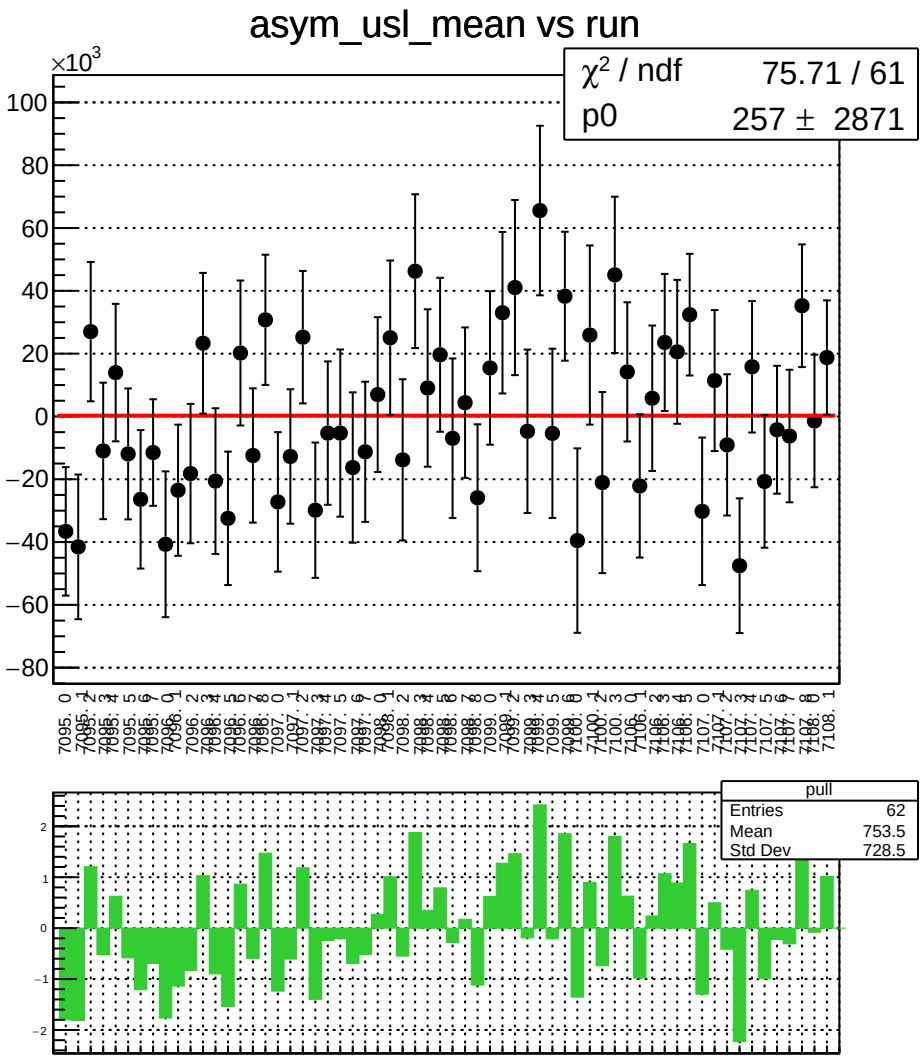

pull1D
Entries 62
Mean 0.00179
Std Dev 1.074

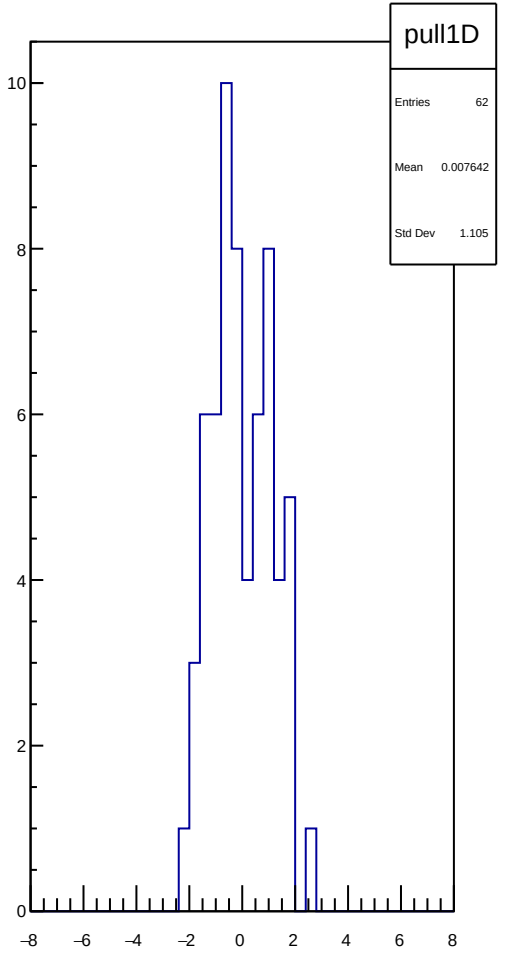

dit_asym_usl_rms vs run
χ² / ndf 84.66 / 61
p0 1123 ± 1.036
1160
1150
1140
1130
1120
1110
1100
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

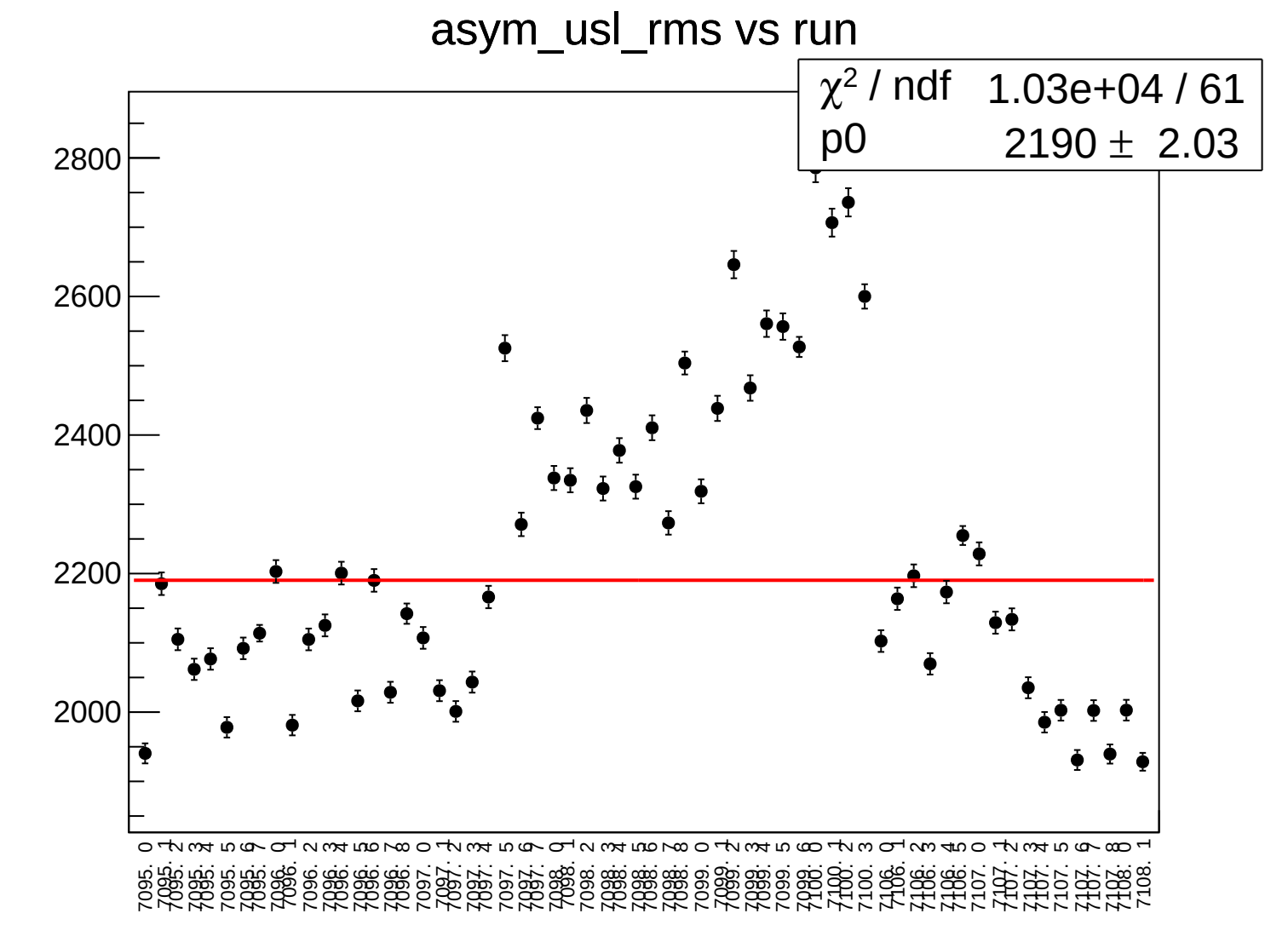

asym_usl_correction_mean vs run
χ² / ndf 85.92 / 61
p0 −2075 ± 2441
pull
Entries 62
Mean 252
Std Dev 231.7

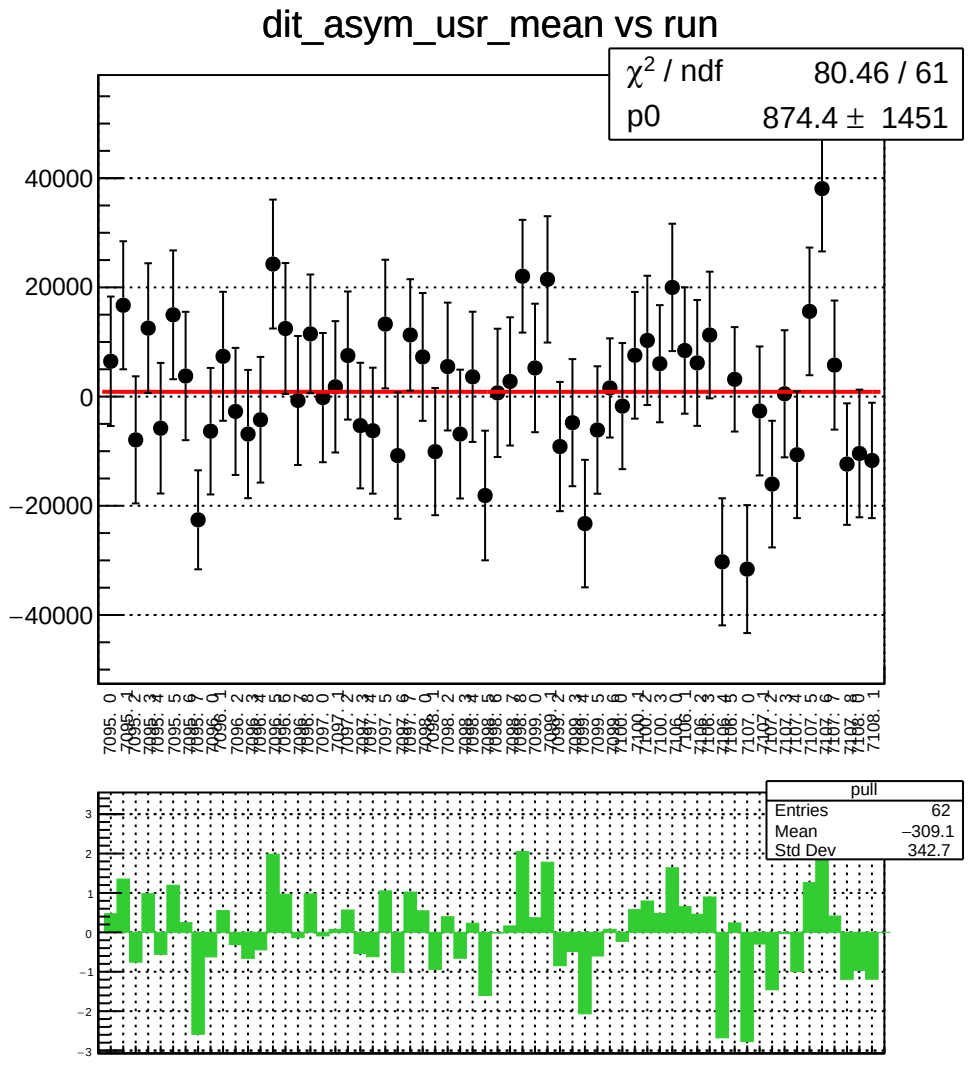

pull1D
Entries 62
Mean −0.01434
Std Dev 1.177

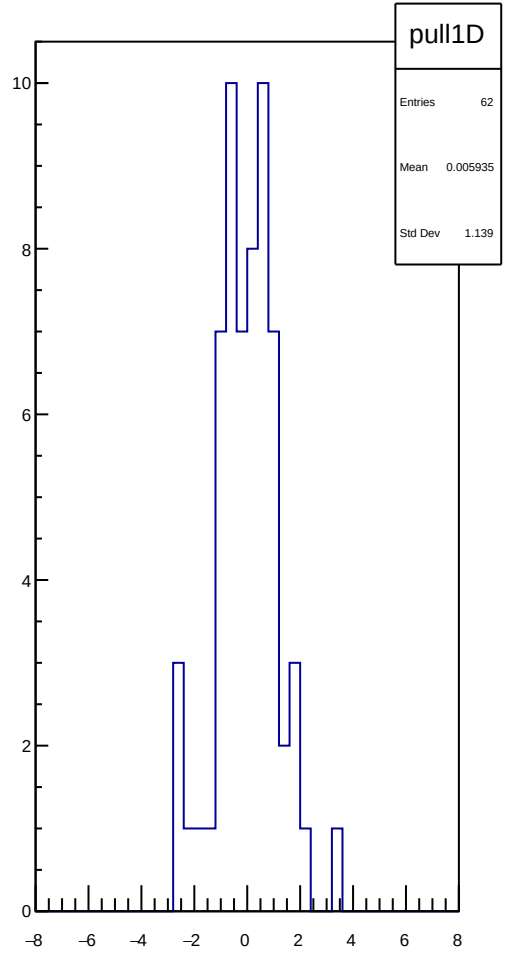

asym_usl_correction_rms vs run
χ² / ndf 1.601e+04 / 61
p0 1858 ± 1.726
2600
2400
2200
2000
1800
1600

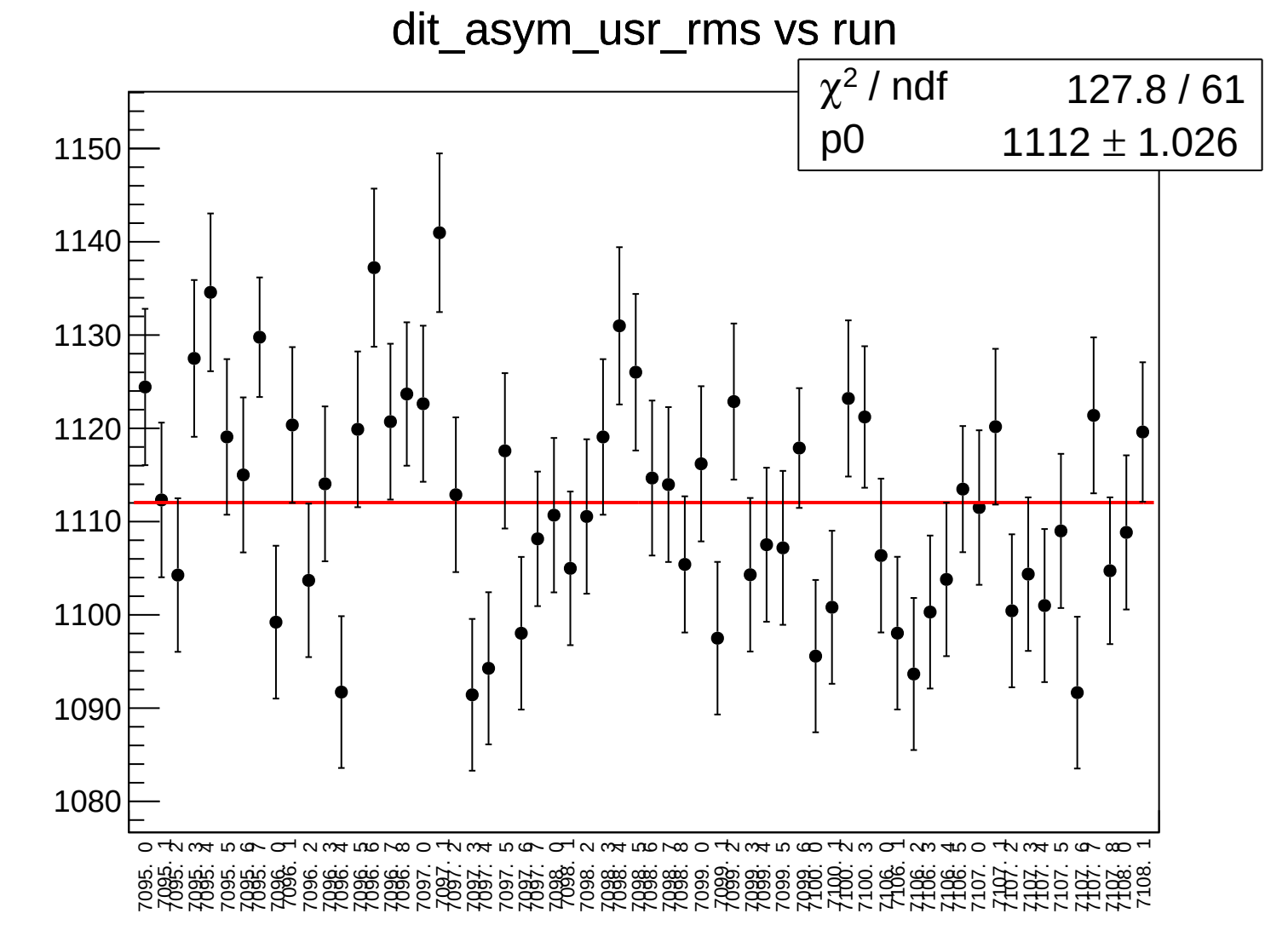

asym_usl_mean vs run
×10^3
χ² / ndf 75.71 / 61
p0 257 ± 2871
pull
Entries 62
Mean 753.5
Std Dev 728.5

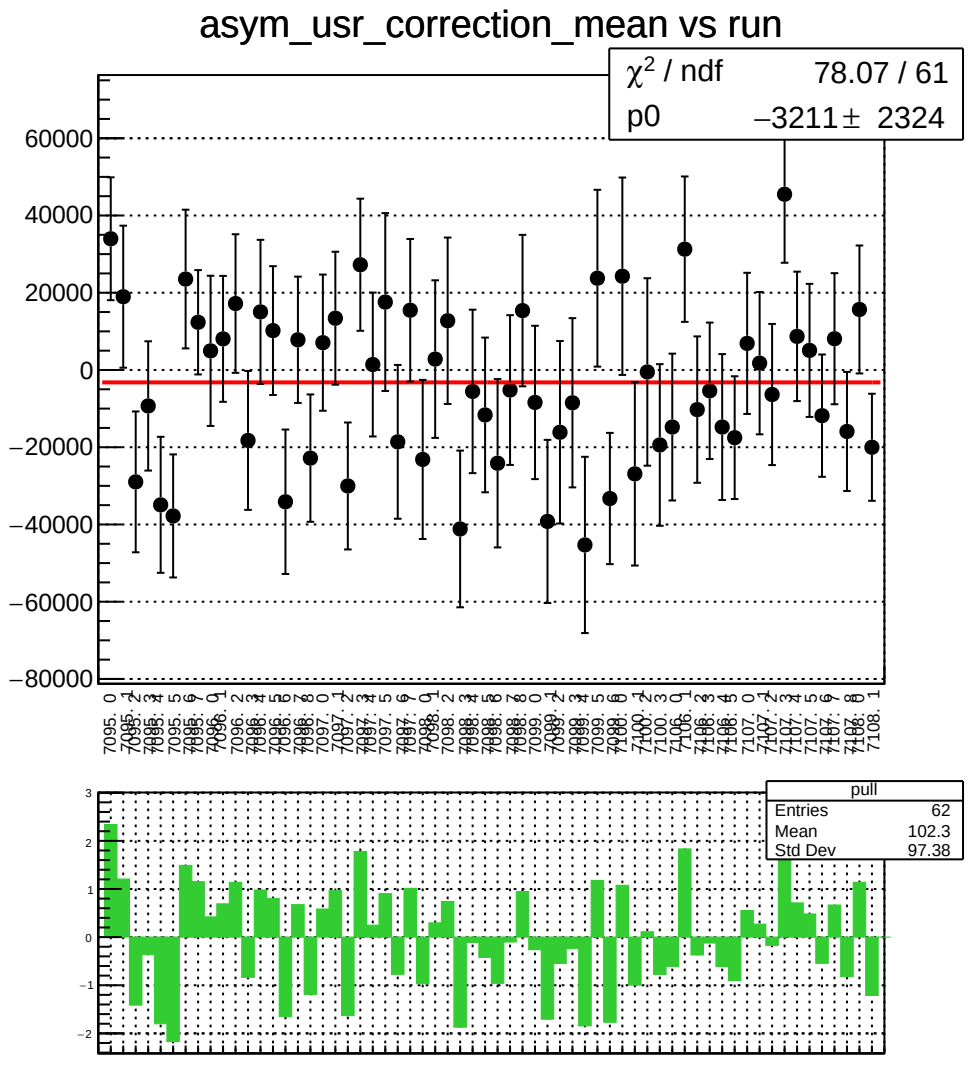

pull1D
Entries 62
Mean 0.007642
Std Dev 1.105

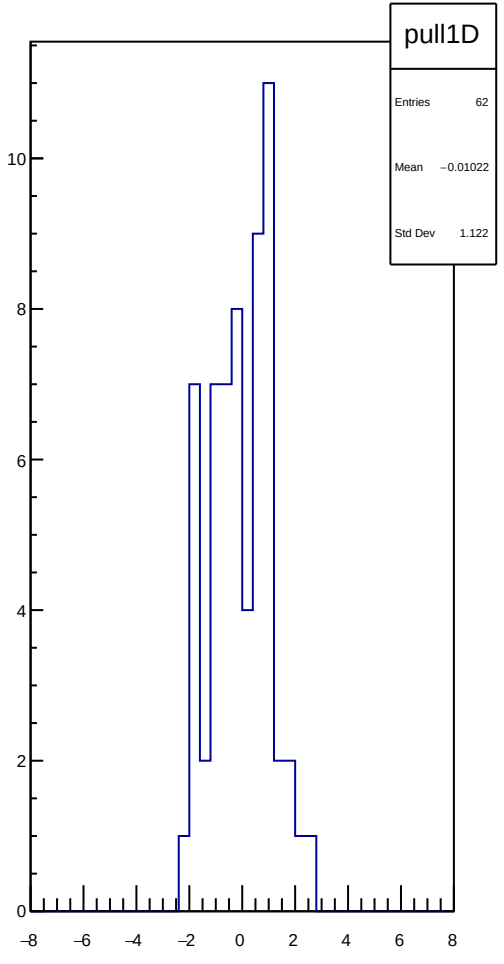

asym_usl_rms vs run
χ² / ndf 1.03e+04 / 61
p0 2190 ± 2.03
2800
2600
2400
2200
2000
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
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7096. 8
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7097. 1
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7099. 2
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7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

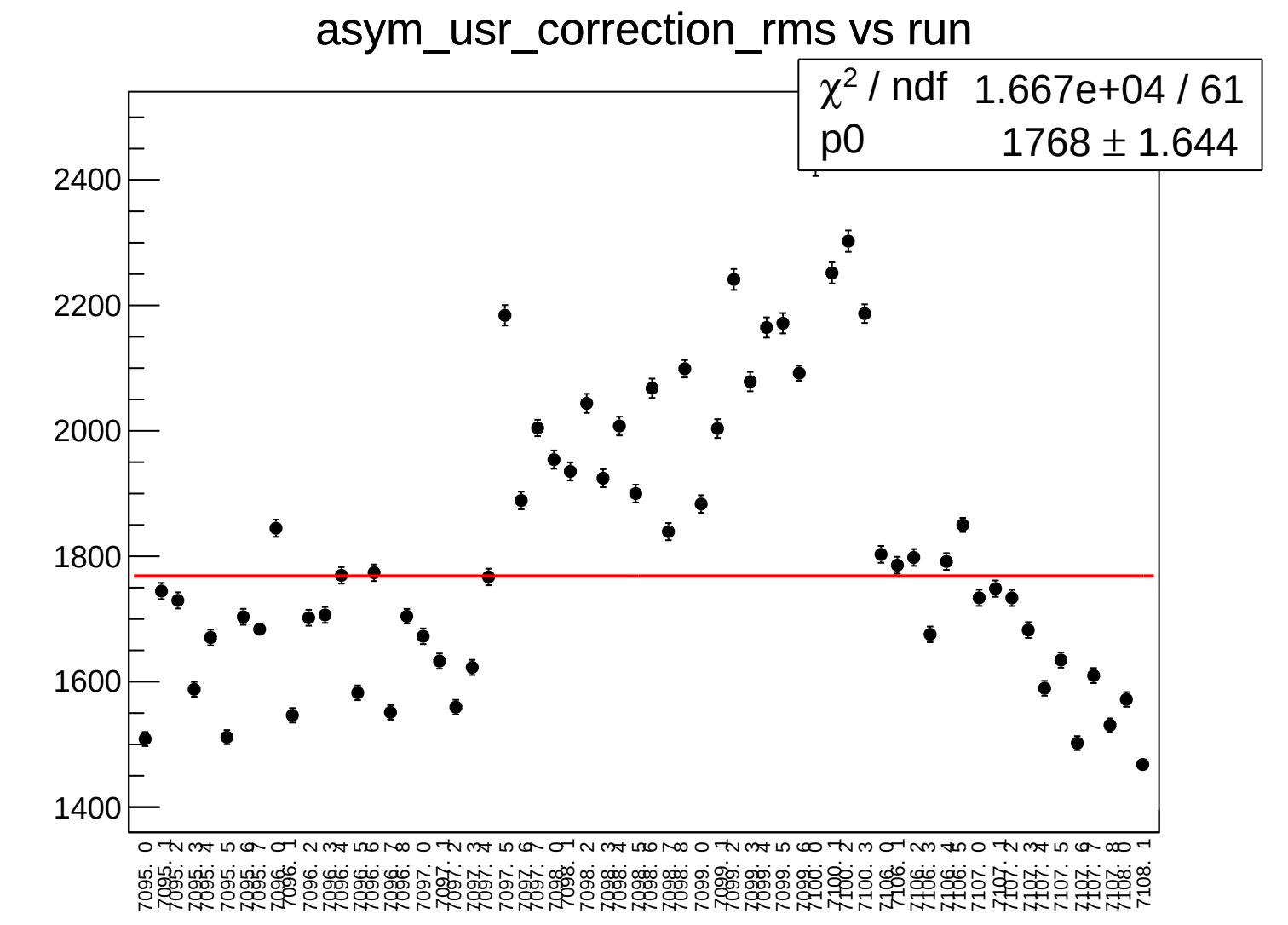

dit_asym_usr_mean vs run
χ² / ndf 80.46 / 61
p0 874.4 ± 1451
40000
20000
0
−20000
−40000
pull
Entries 62
Mean −309.1
Std Dev 342.7
3
2
1
0
−1
−2
−3

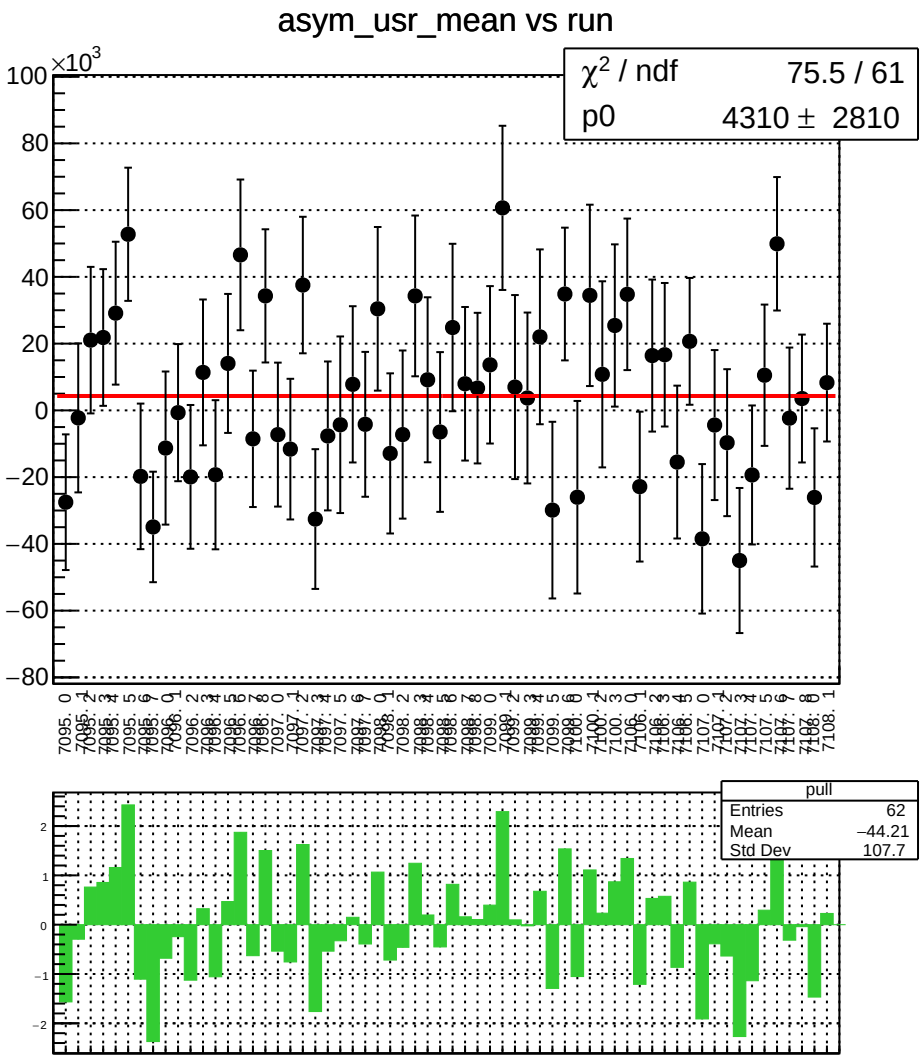

pull1D
Entries 62
Mean 0.005935
Std Dev 1.139
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

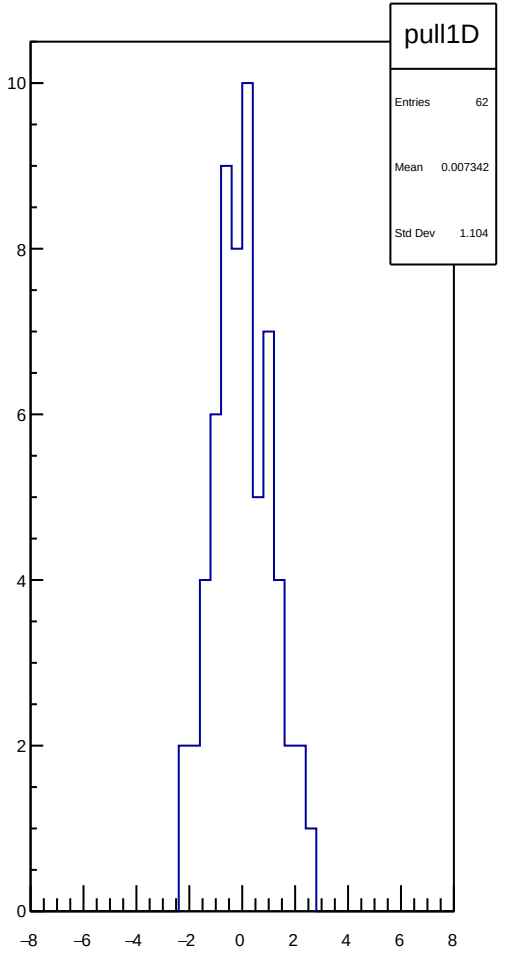

dit_asym_usr_rms vs run
χ² / ndf 127.8 / 61
p0 1112 ± 1.026
1150
1140
1130
1120
1110
1100
1090
1080

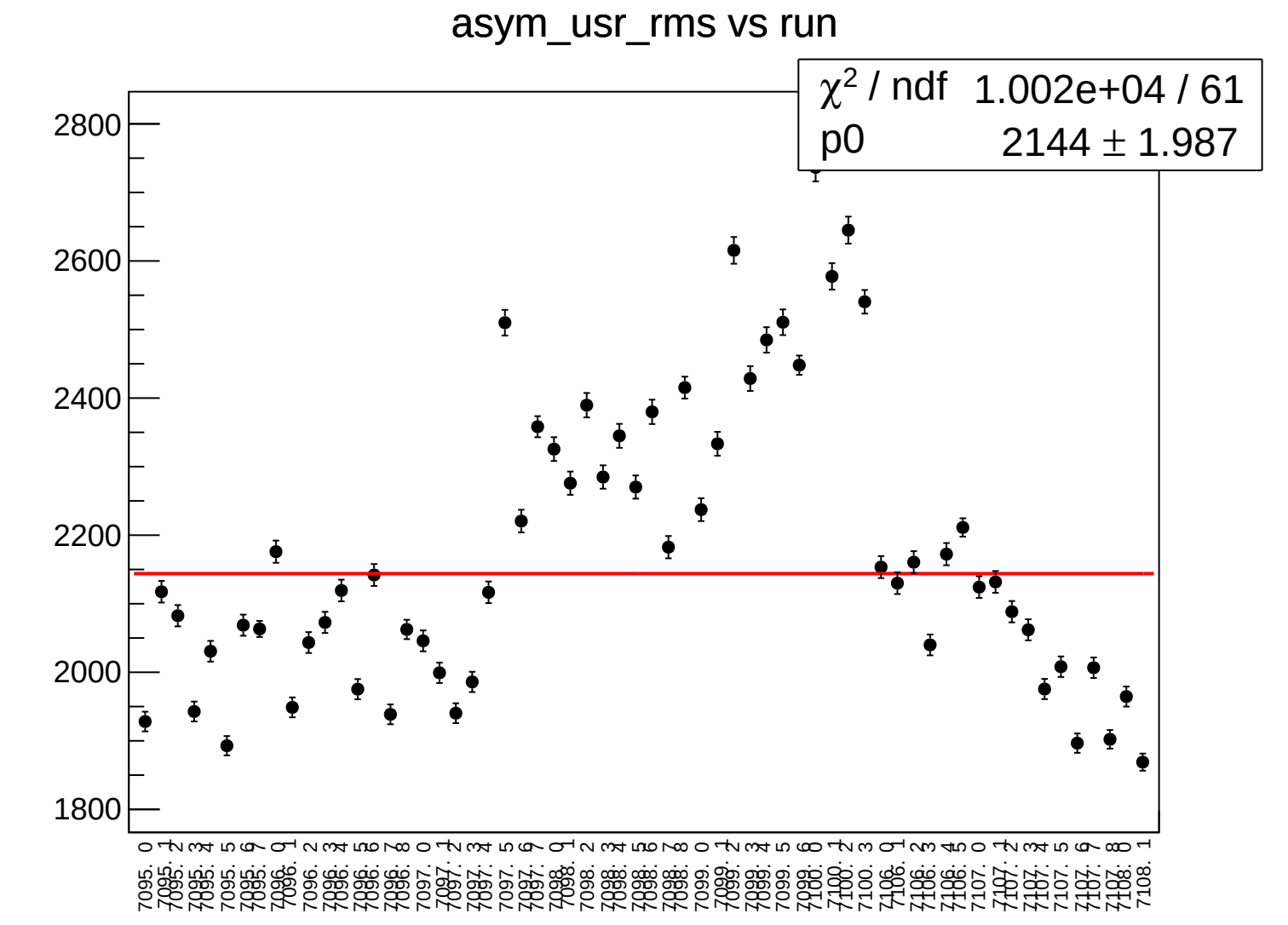

asym_usr_correction_mean vs run
χ² / ndf 78.07 / 61
p0 −3211 ± 2324
pull
Entries 62
Mean 102.3
Std Dev 97.38

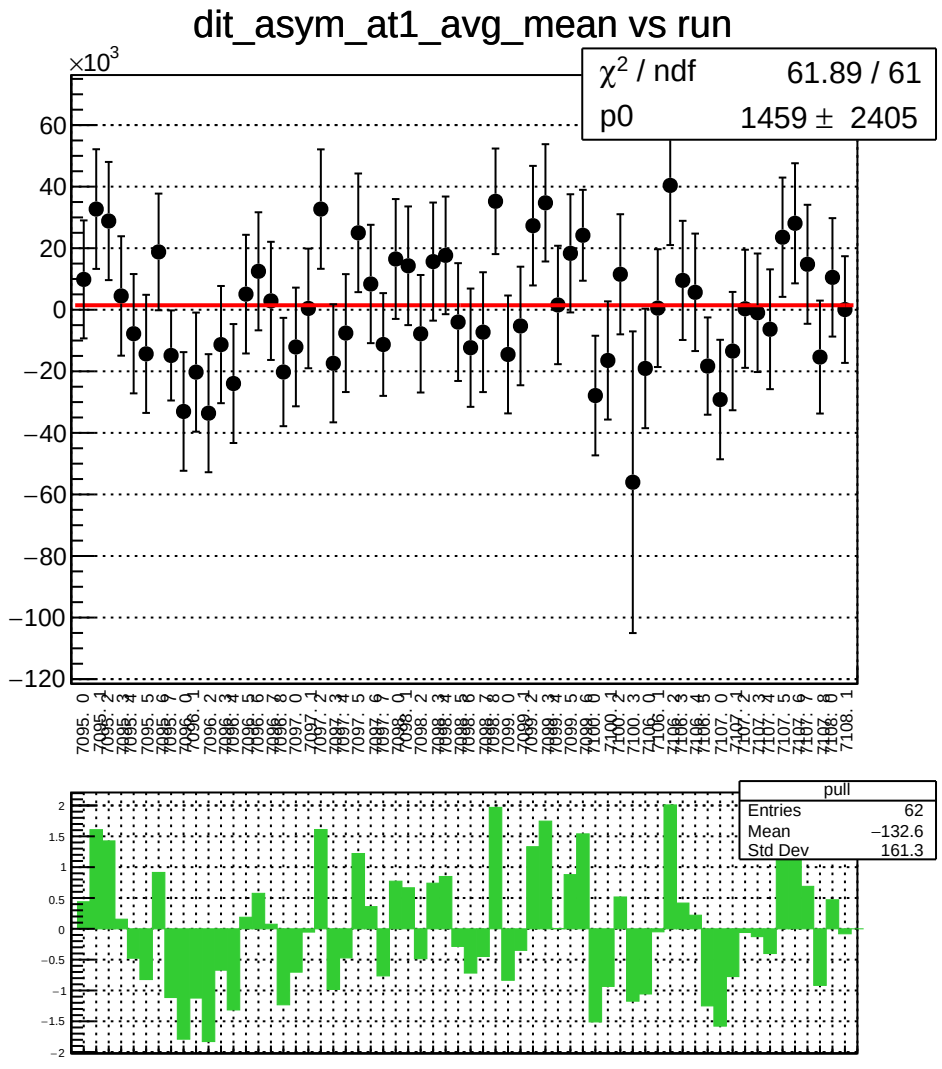

pull1D
Entries 62
Mean −0.01022
Std Dev 1.122

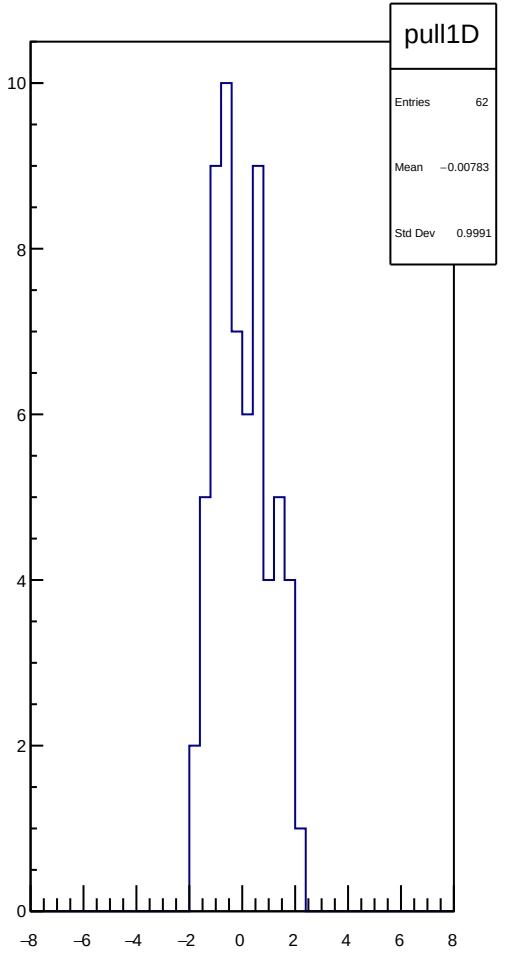

asym_usr_correction_rms vs run
χ² / ndf 1.667e+04 / 61
p0 1768 ± 1.644
2400
2200
2000
1800
1600
1400

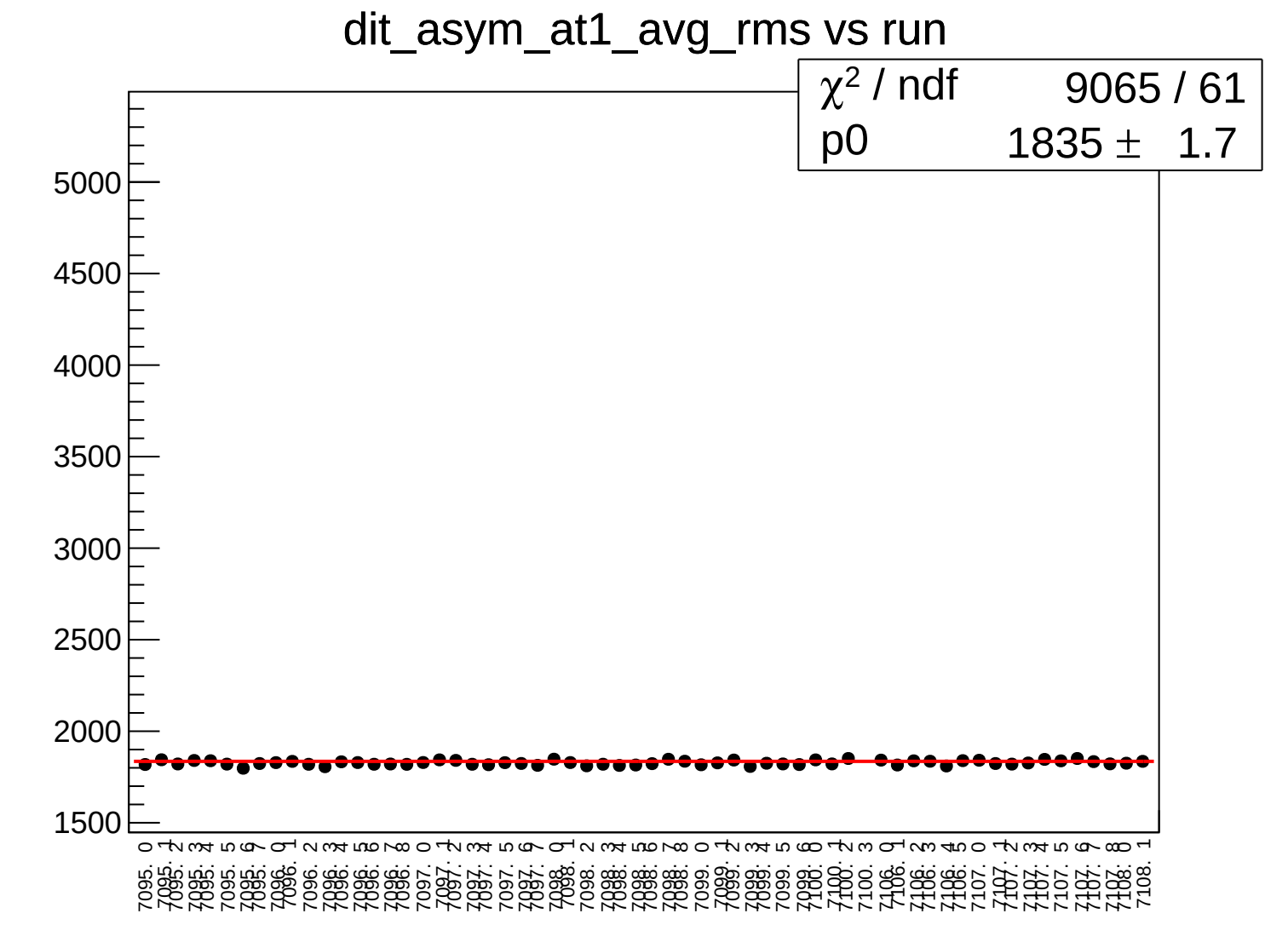

asym_usr_mean vs run
χ^2 / ndf 75.5 / 61
p0 4310 ± 2810
×10^3
pull
Entries 62
Mean −44.21
Std Dev 107.7

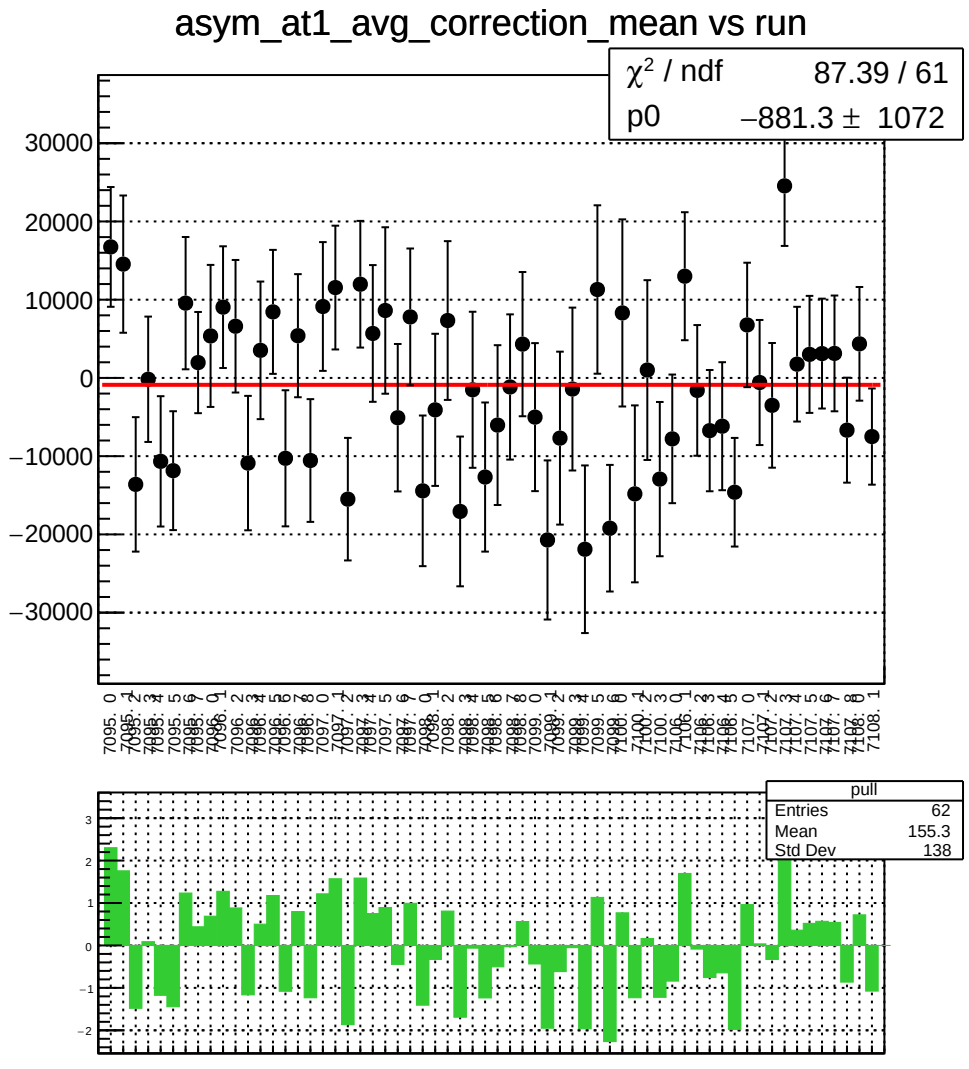

pull1D
Entries 62
Mean 0.007342
Std Dev 1.104

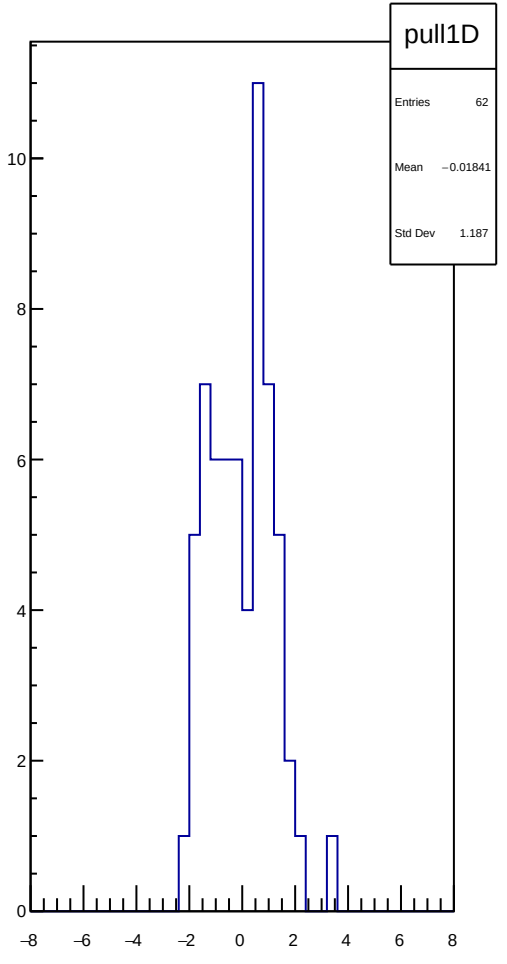

asym_usr_rms vs run
χ² / ndf 1.002e+04 / 61
p0 2144 ± 1.987
2800
2600
2400
2200
2000
1800

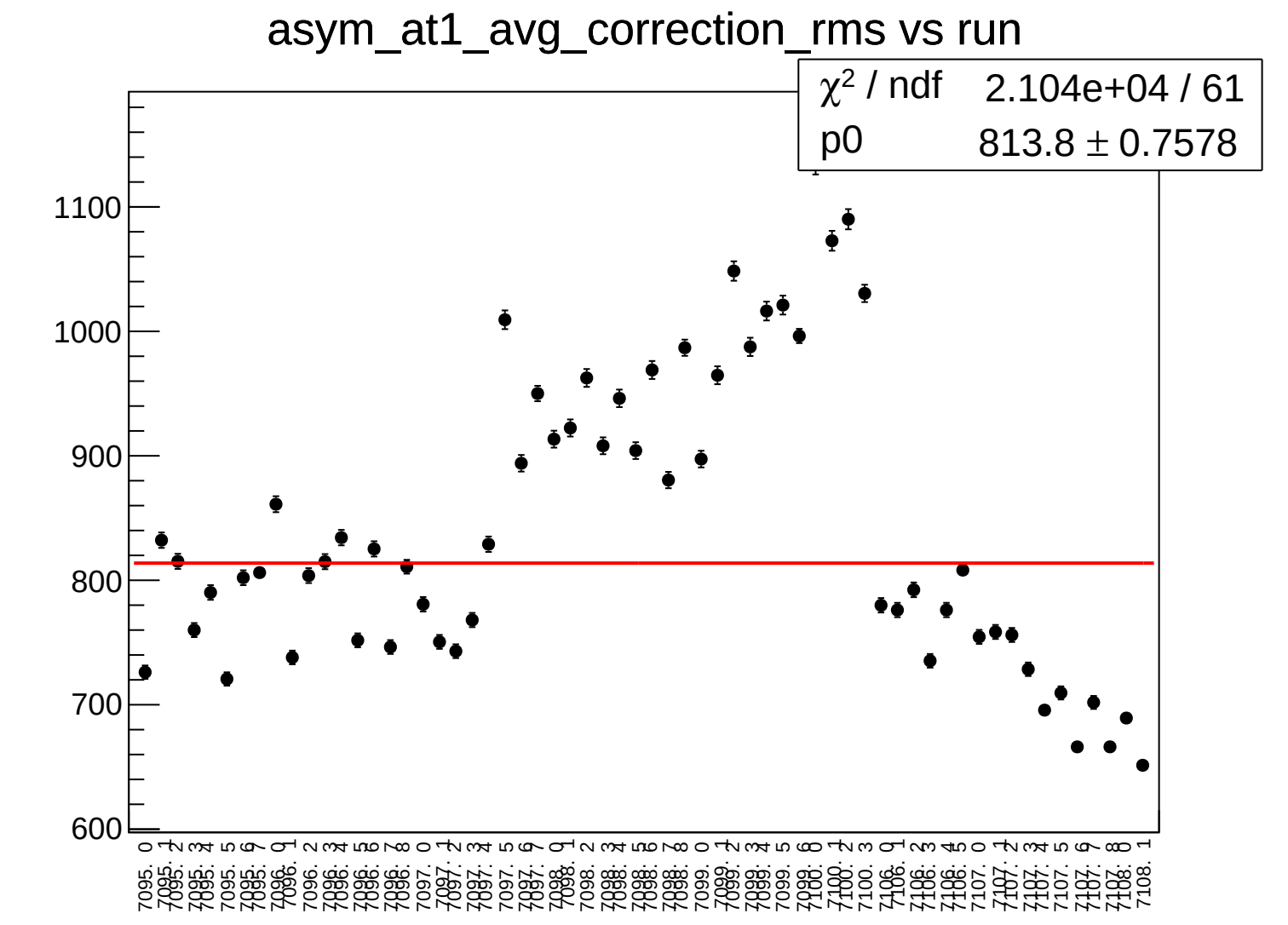

dit_asym_at1_avg_mean vs run
×10^3
χ^2 / ndf 61.89 / 61
p0 1459 ± 2405
pull
Entries 62
Mean −132.6
Std Dev 161.3

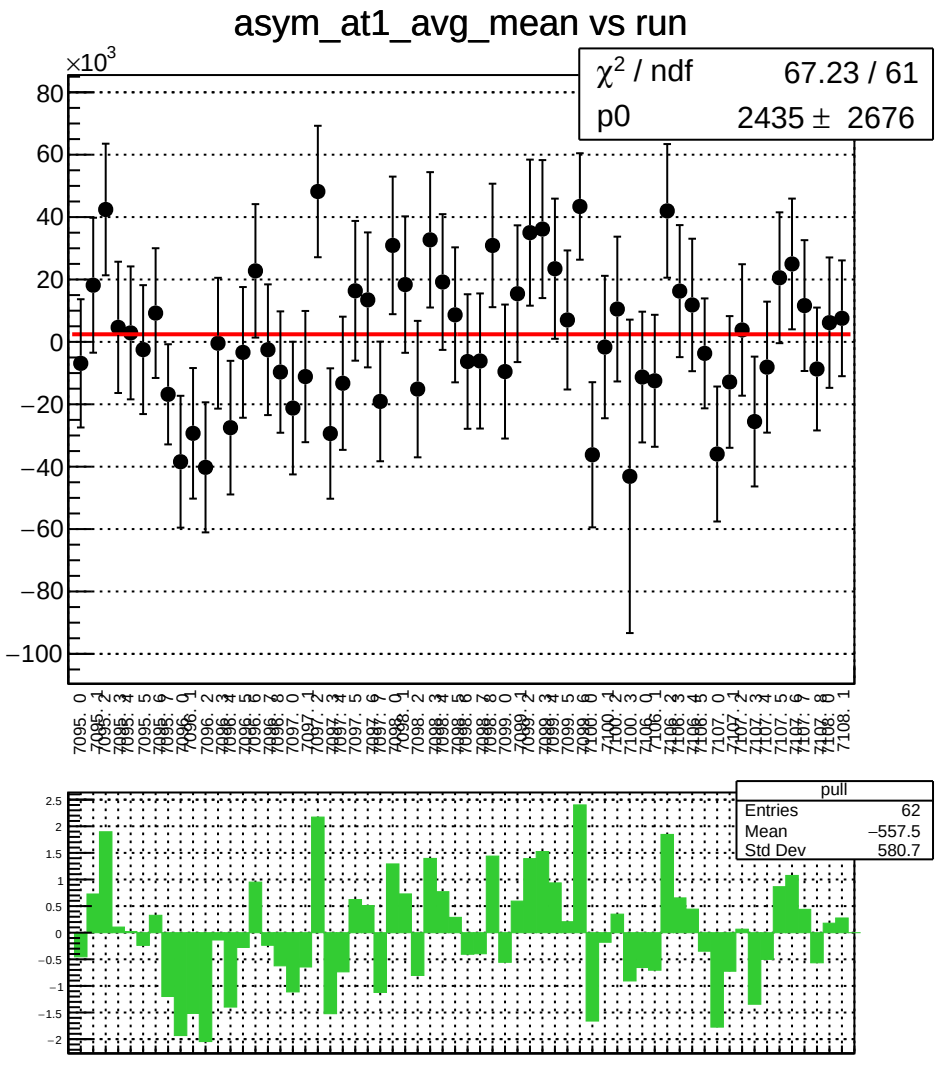

pull1D
Entries 62
Mean −0.00783
Std Dev 0.9991

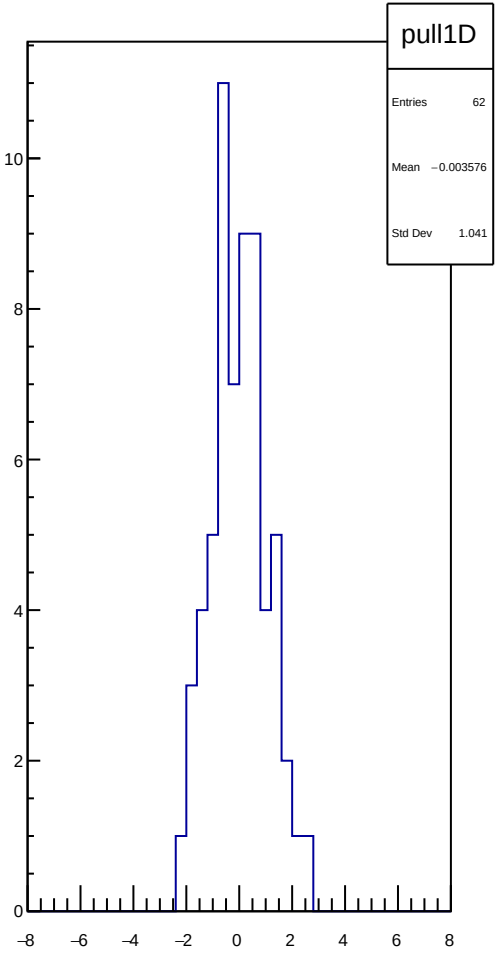

dit_asym_at1_avg_rms vs run
χ² / ndf 9065 / 61
p0 1835 ± 1.7
5000
4500
4000
3500
3000
2500
2000
1500

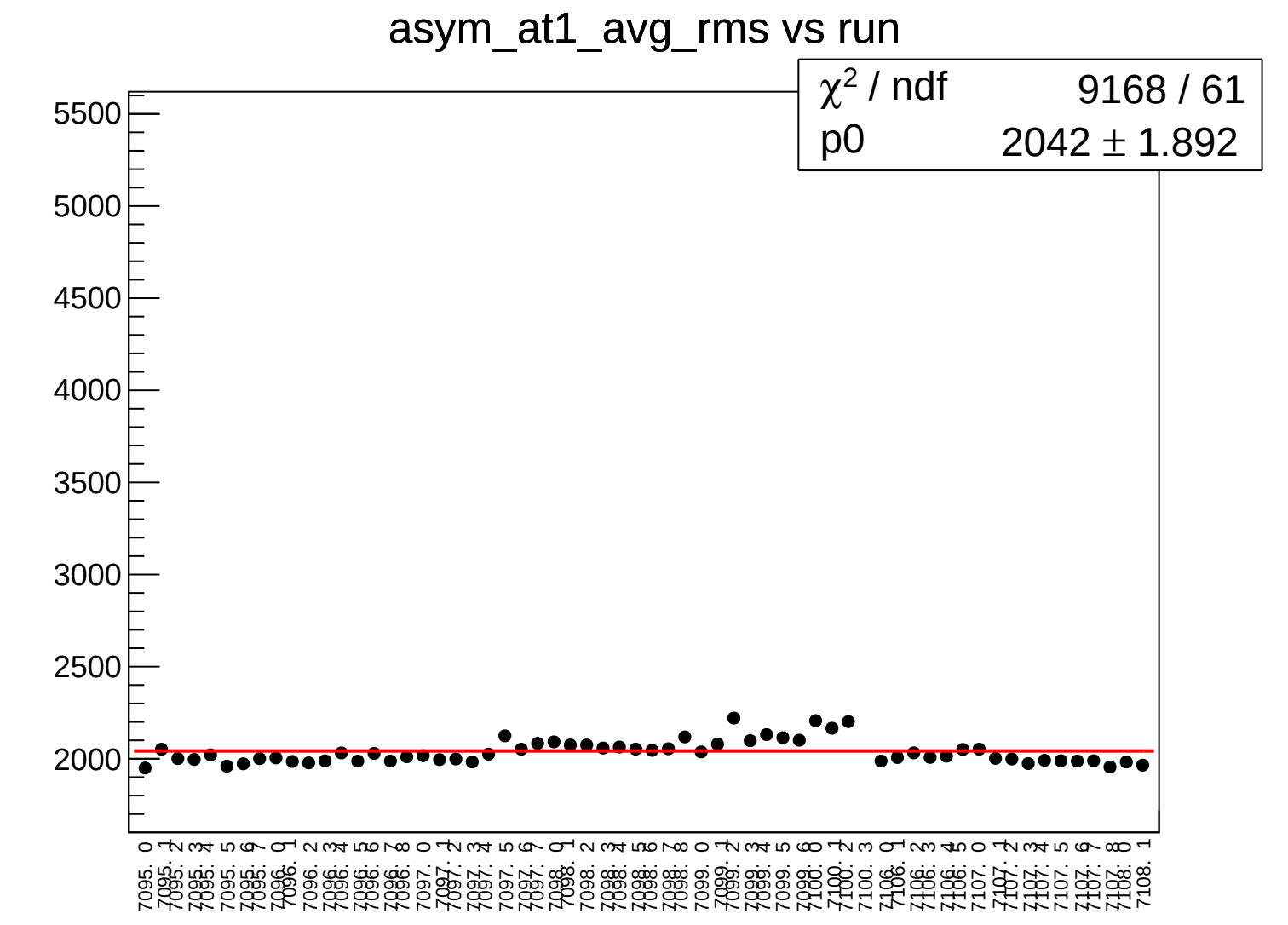

asym_at1_avg_correction_mean vs run
χ² / ndf 87.39 / 61
p0 −881.3 ± 1072
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 62
Mean 155.3
Std Dev 138
3
2
1
0
−1
−2

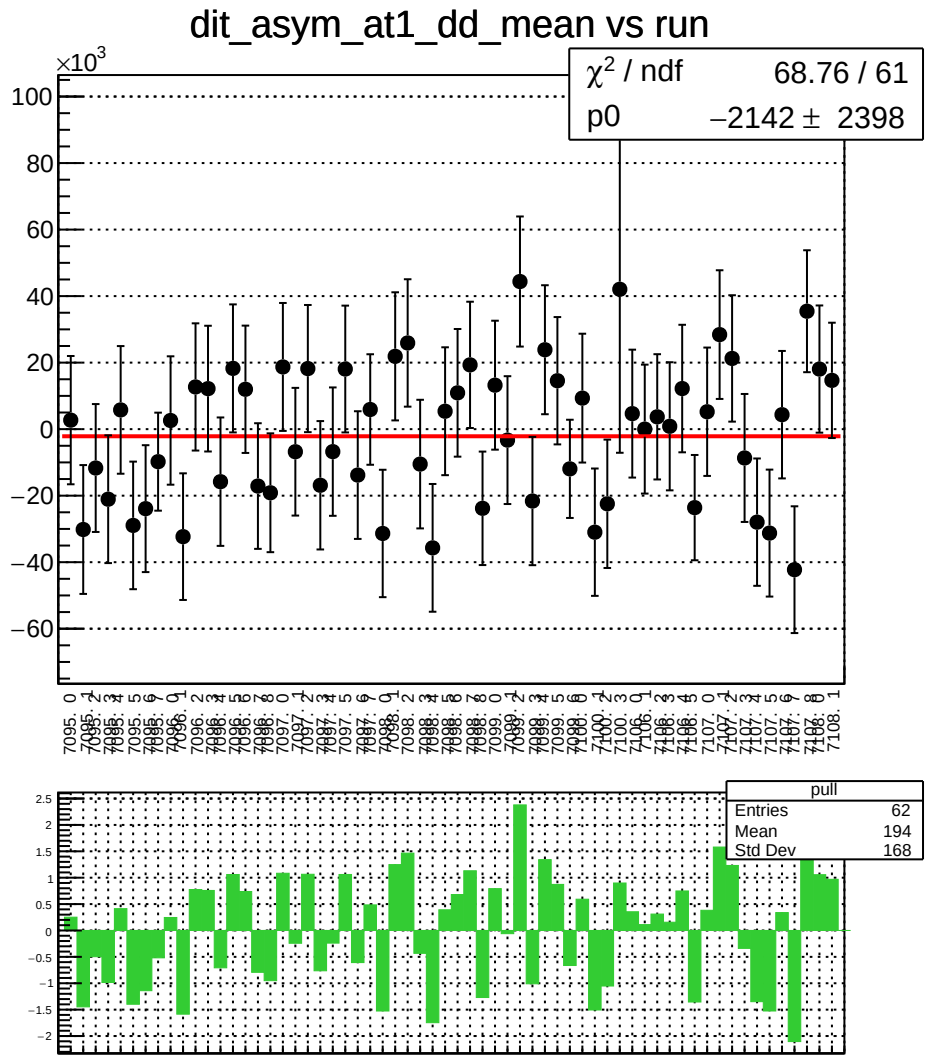

pull1D
Entries 62
Mean −0.01841
Std Dev 1.187
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

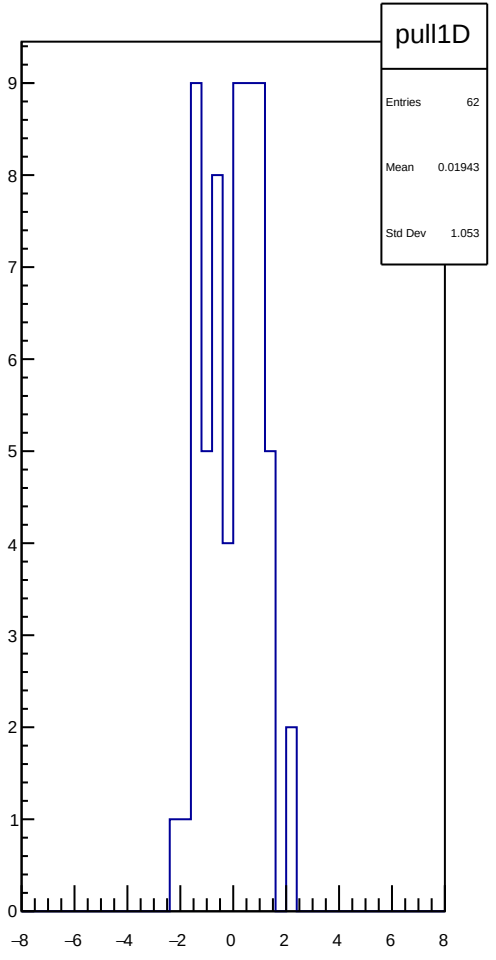

asym_at1_avg_correction_rms vs run
χ² / ndf 2.104e+04 / 61
p0 813.8 ± 0.7578
1100
1000
900
800
700
600

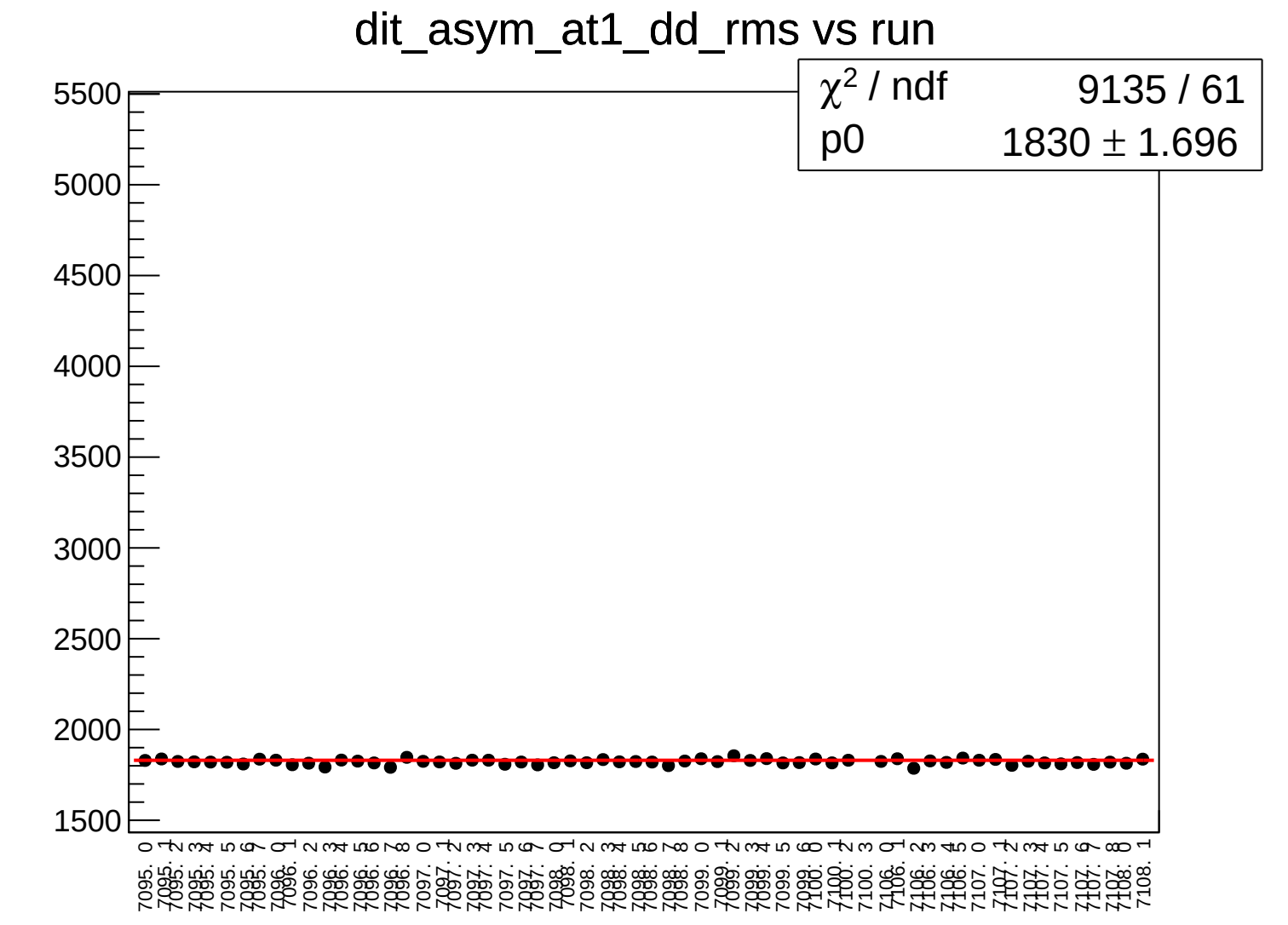

asym_at1_avg_mean vs run
×10^3
χ² / ndf 67.23 / 61
p0 2435 ± 2676
pull
Entries 62
Mean −557.5
Std Dev 580.7

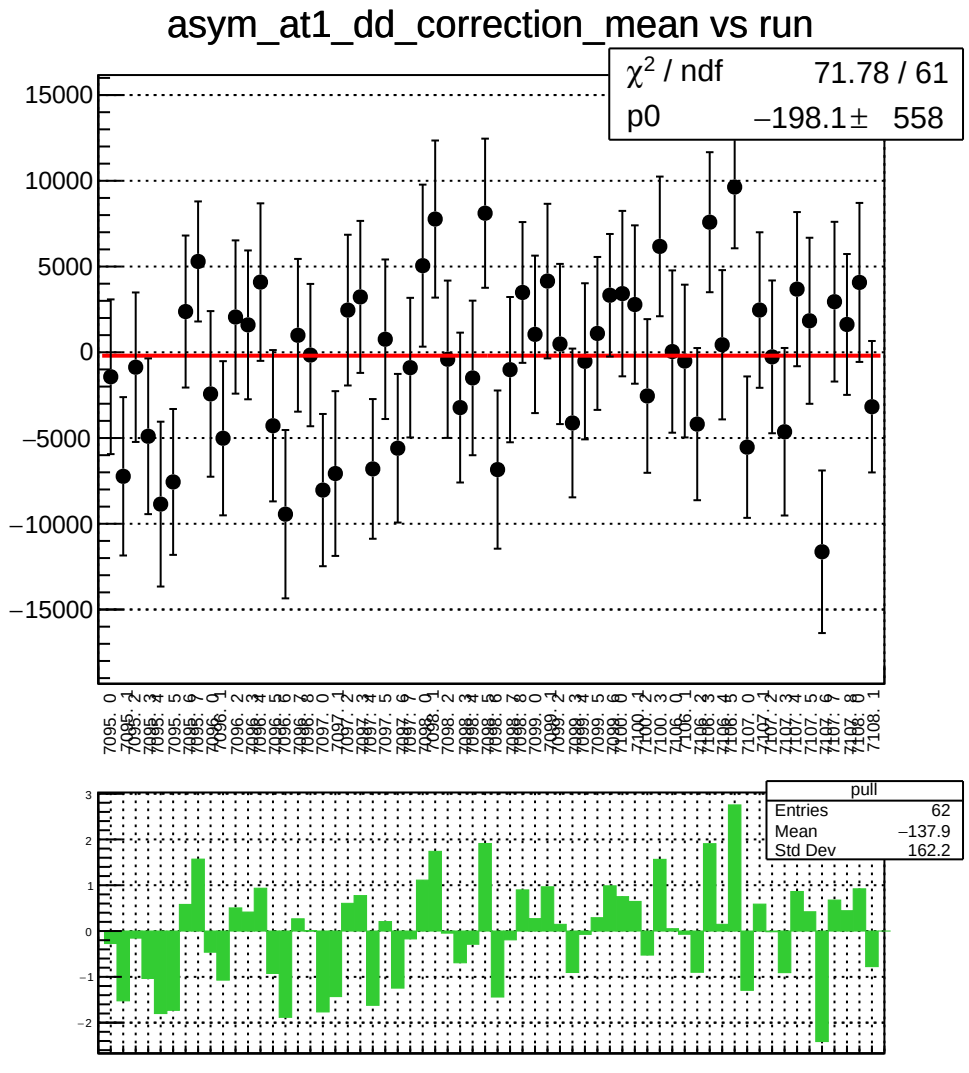

pull1D
Entries 62
Mean −0.003576
Std Dev 1.041

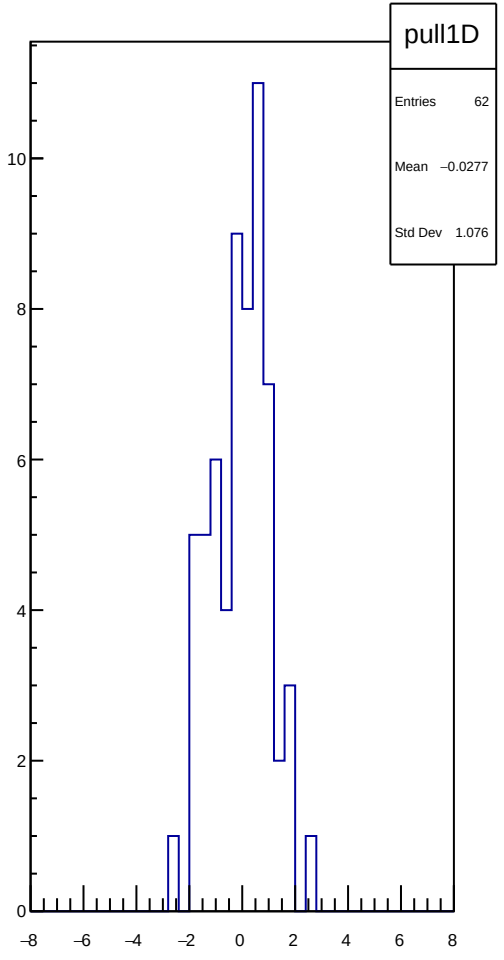

asym_at1_avg_rms vs run
χ^2 / ndf 9168 / 61
p0 2042 ± 1.892
5500
5000
4500
4000
3500
3000
2500
2000

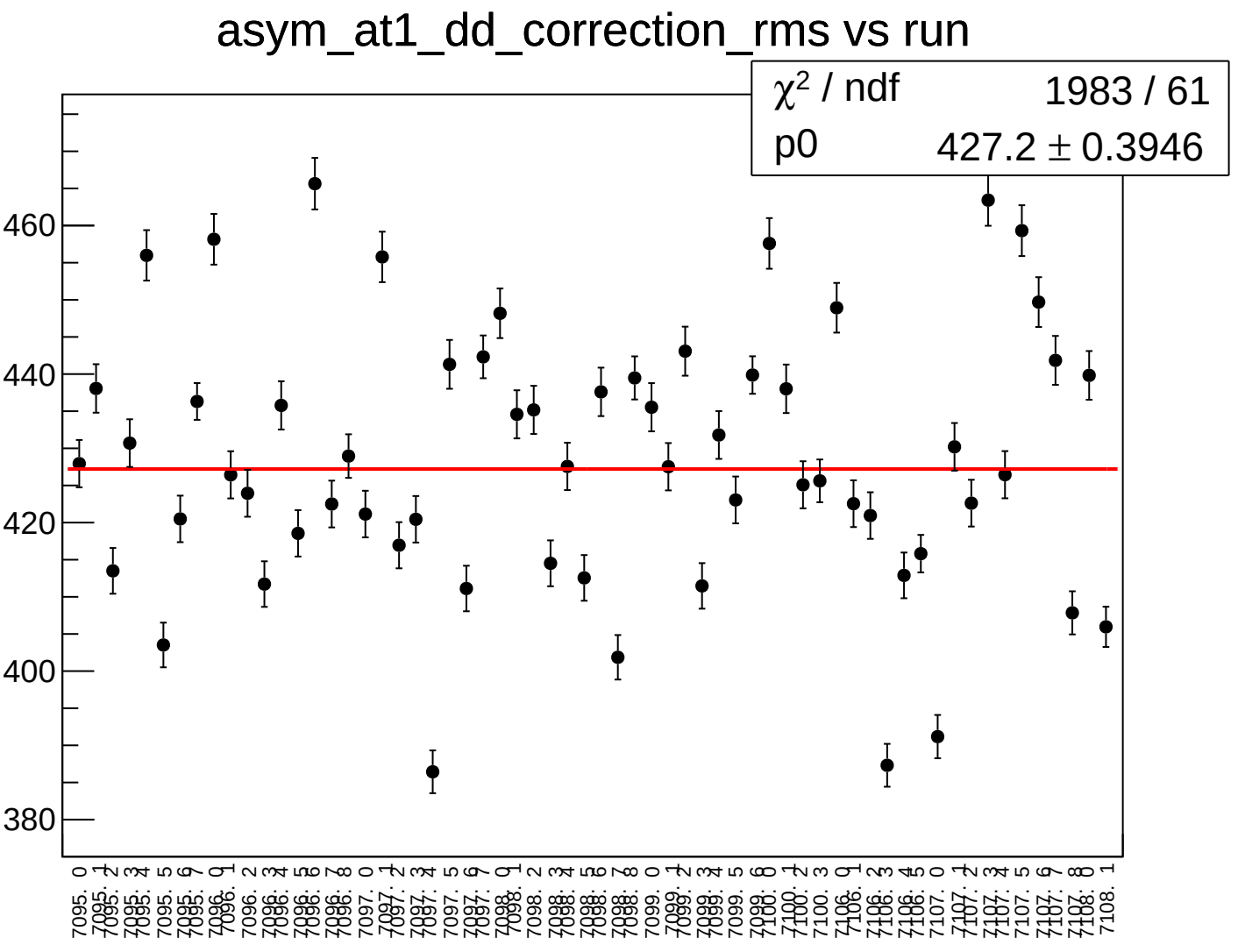

dit_asym_at1_dd_mean vs run
×10^3
χ² / ndf 68.76 / 61
p0 −2142 ± 2398
pull
Entries 62
Mean 194
Std Dev 168

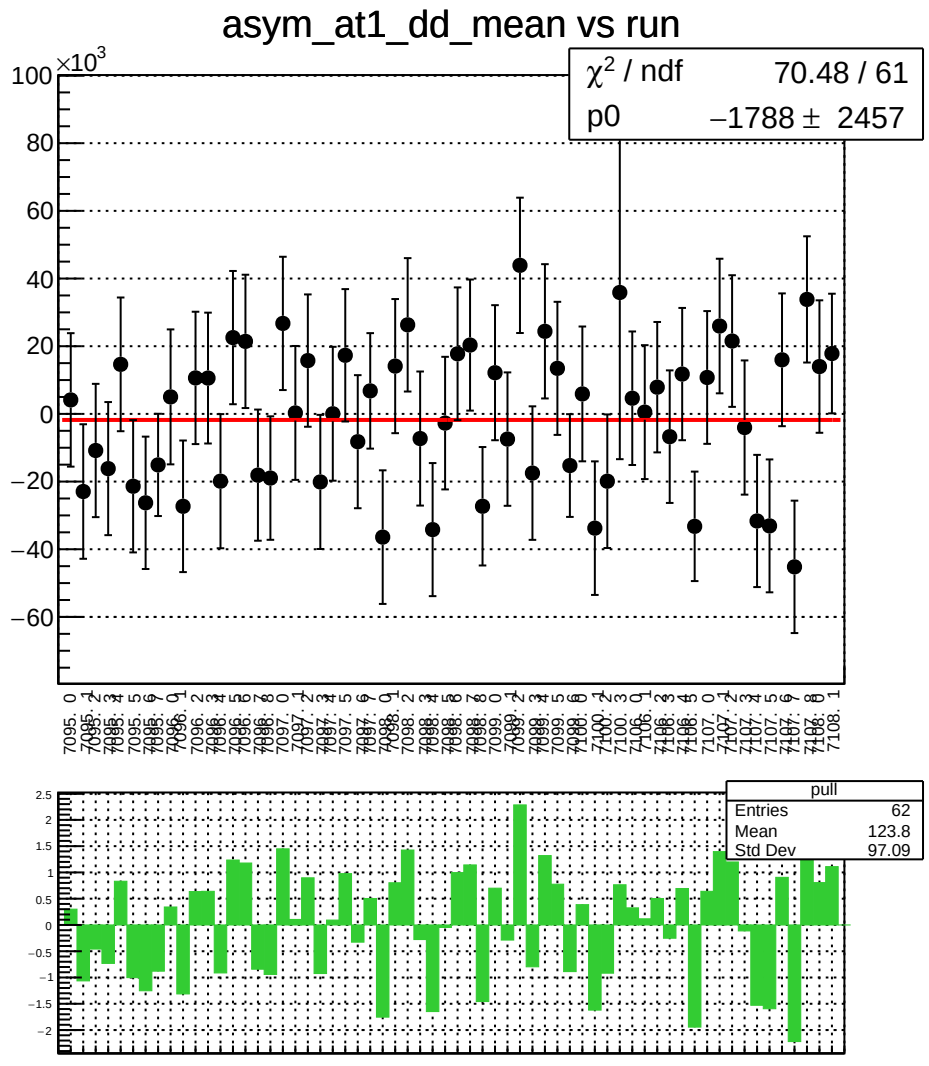

pull1D
Entries 62
Mean 0.01943
Std Dev 1.053

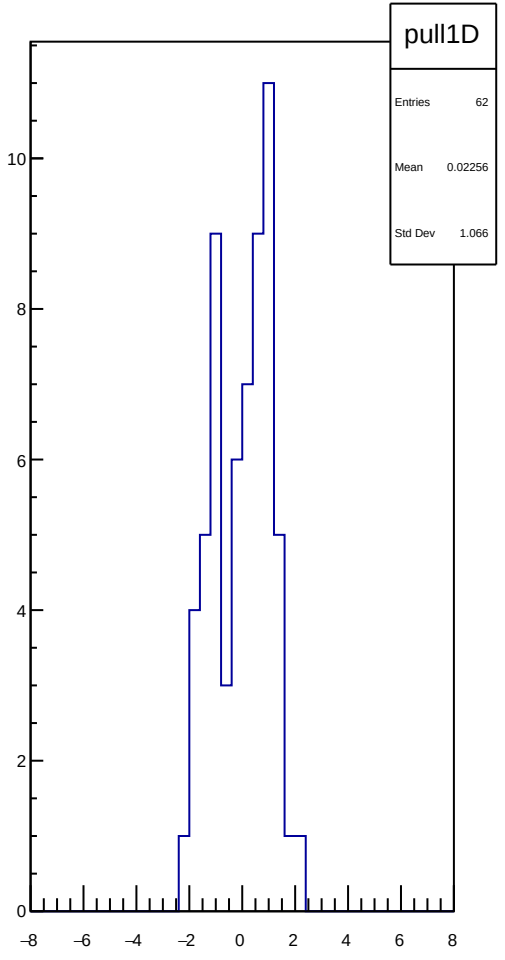

dit_asym_at1_dd_rms vs run
χ^2 / ndf 9135 / 61
p0 1830 ± 1.696
5500
5000
4500
4000
3500
3000
2500
2000
1500
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7108. 0
7108. 1

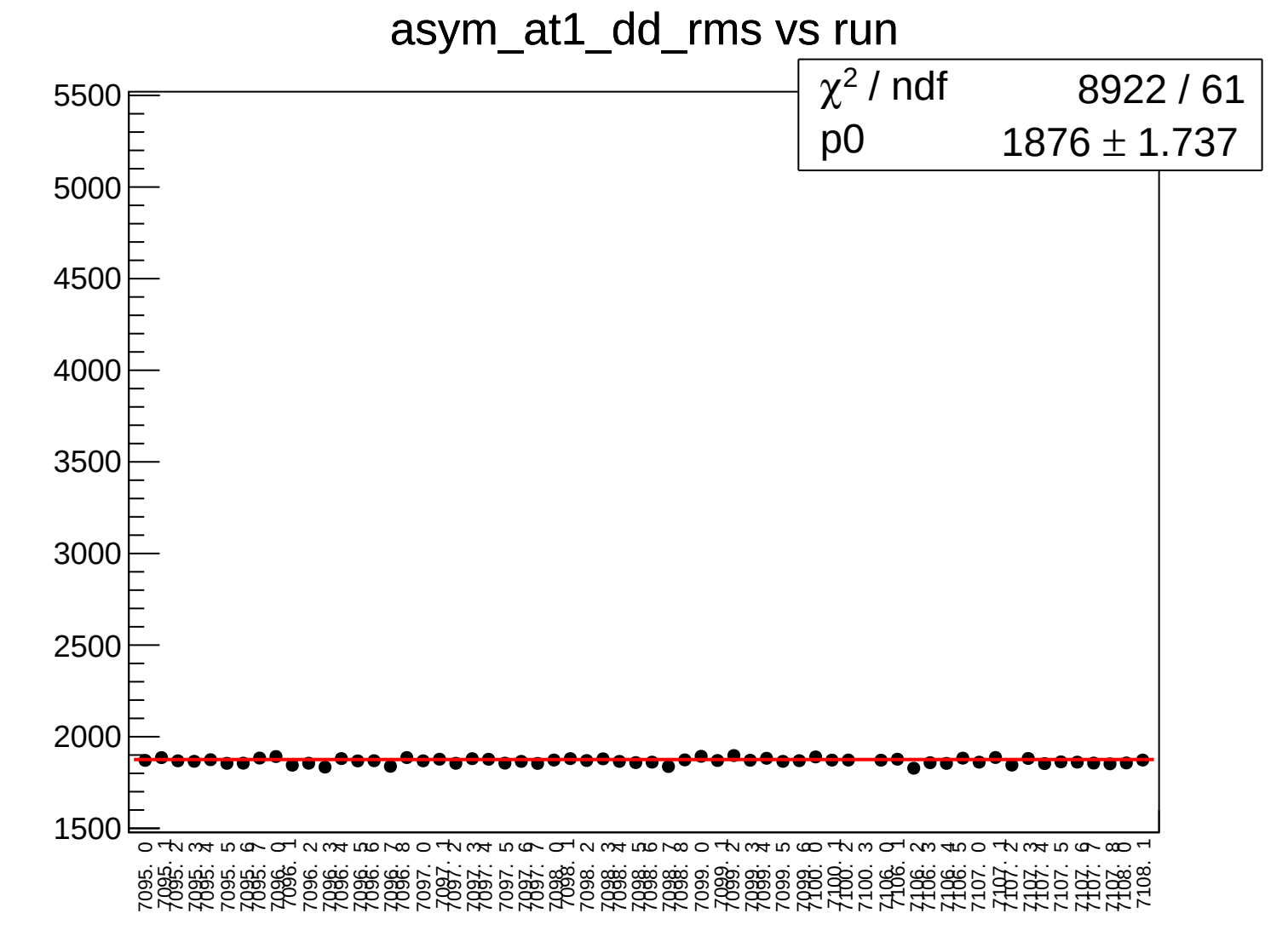

asym_at1_dd_correction_mean vs run
χ² / ndf 71.78 / 61
p0 −198.1± 558
pull
Entries 62
Mean −137.9
Std Dev 162.2

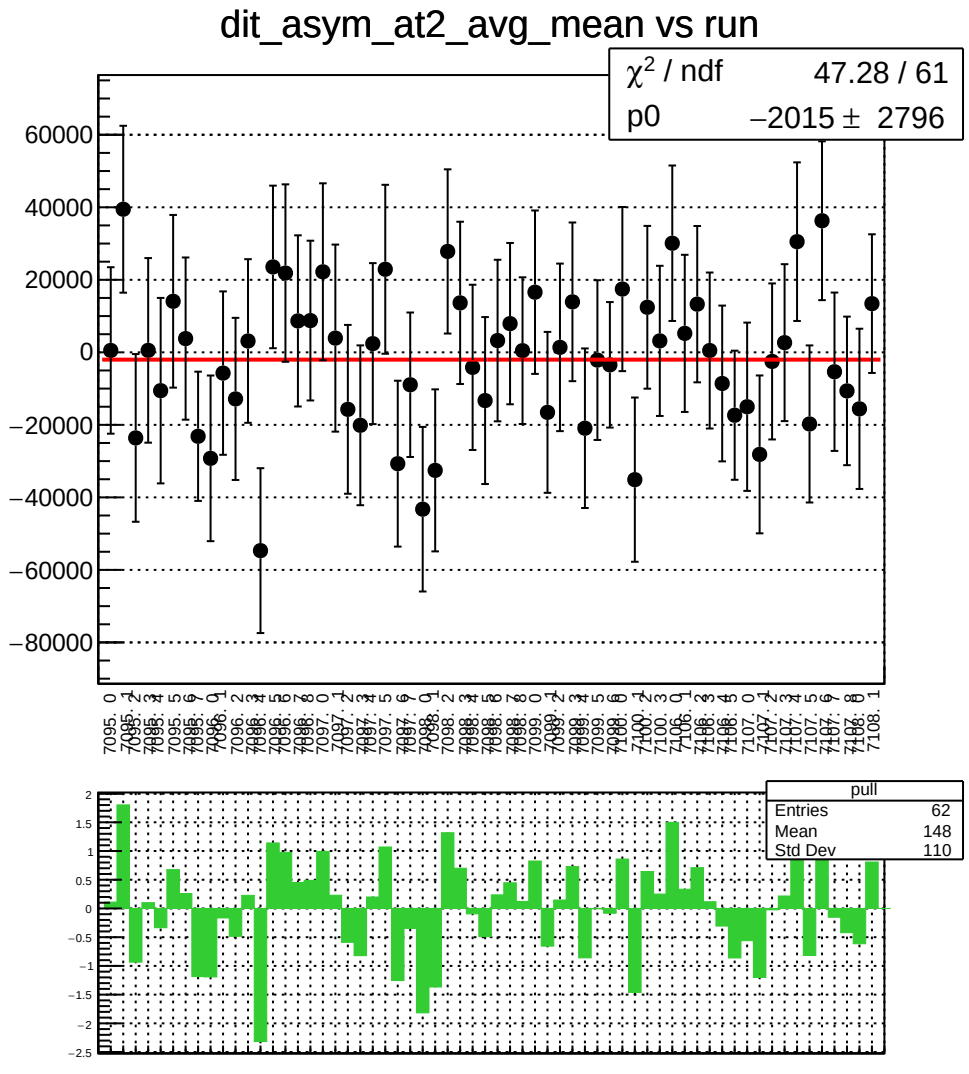

pull1D
Entries 62
Mean −0.0277
Std Dev 1.076

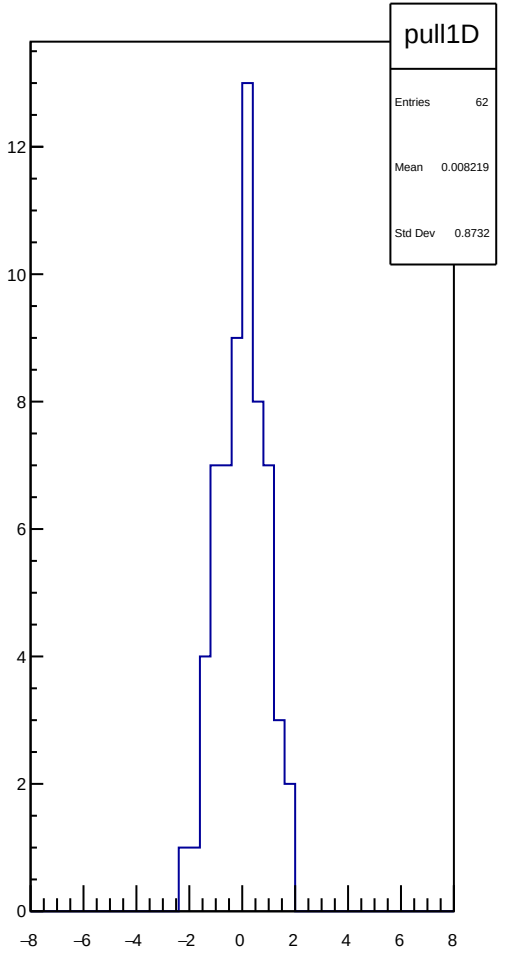

asym_at1_dd_correction_rms vs run
χ² / ndf 1983 / 61
p0 427.2 ± 0.3946
460
440
420
400
380

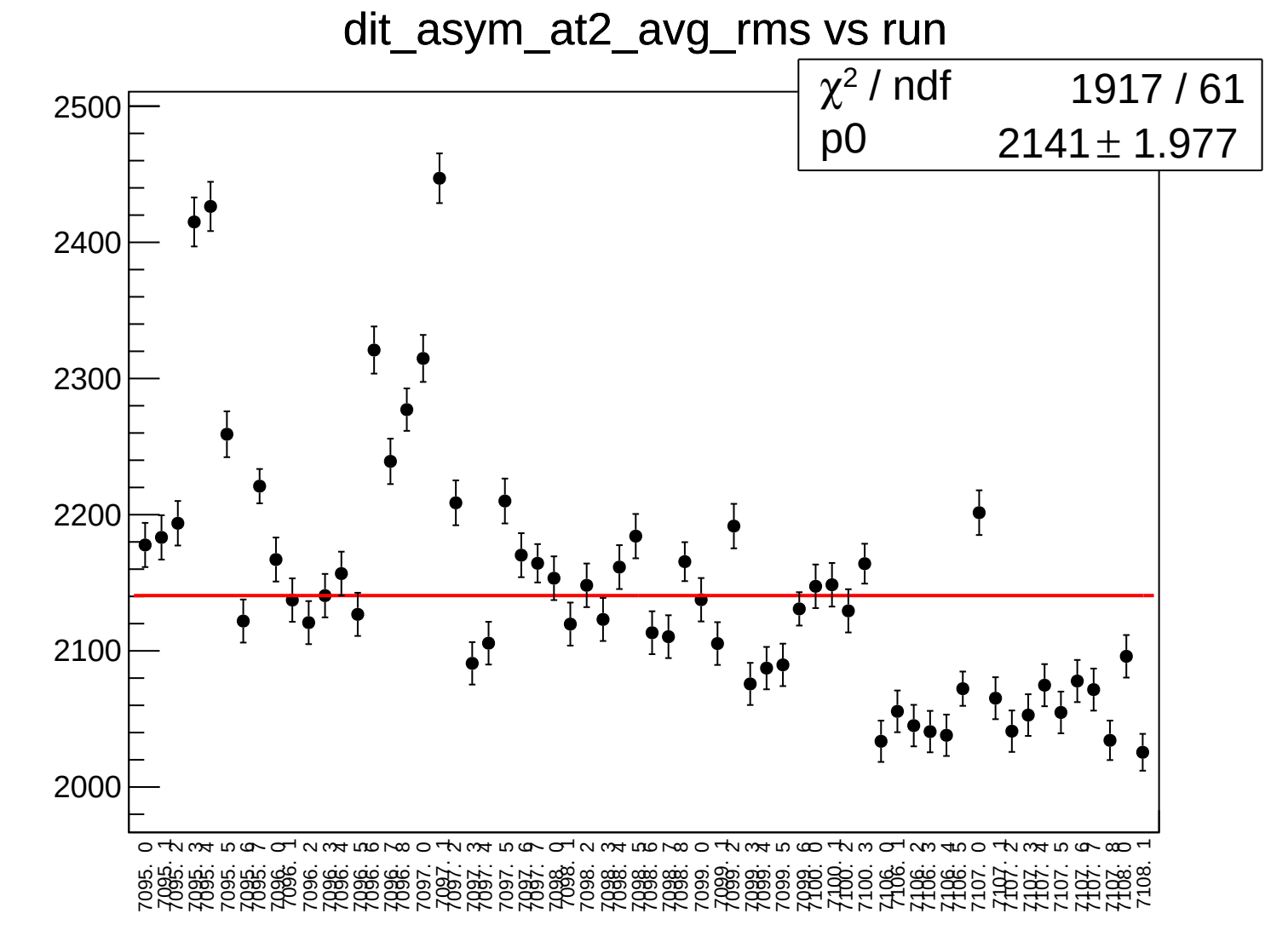

asym_at1_dd_mean vs run
×10^3
χ² / ndf 70.48 / 61
p0 −1788 ± 2457
pull
Entries 62
Mean 123.8
Std Dev 97.09

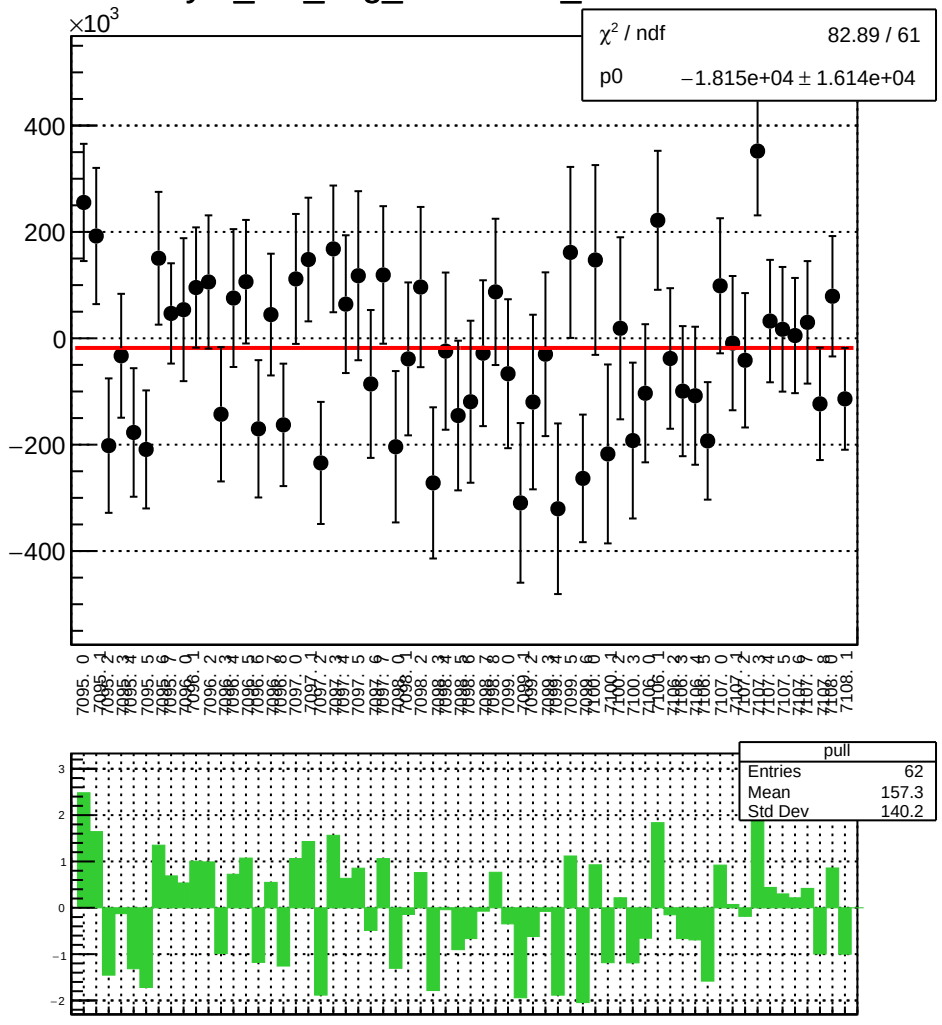

pull1D
Entries 62
Mean 0.02256
Std Dev 1.066

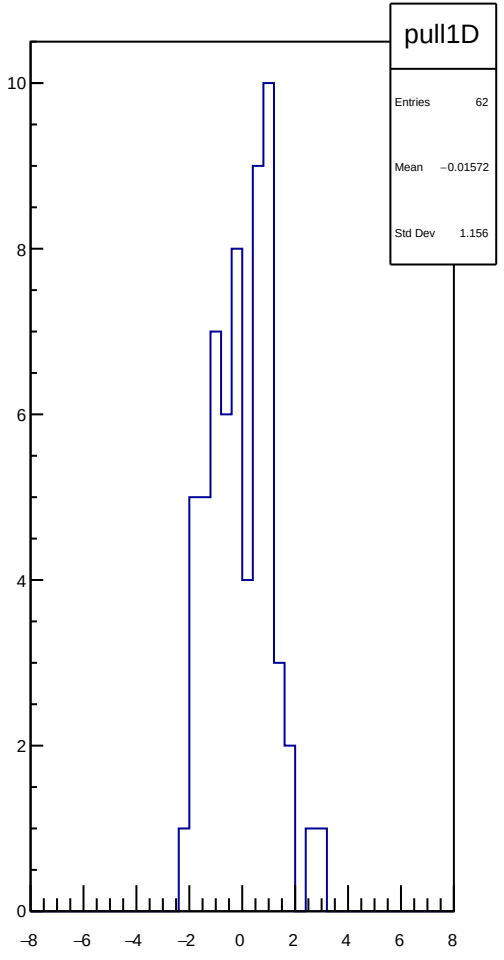

asym_at1_dd_rms vs run
χ^2 / ndf 8922 / 61
p0 1876 ± 1.737
5500
5000
4500
4000
3500
3000
2500
2000
1500
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

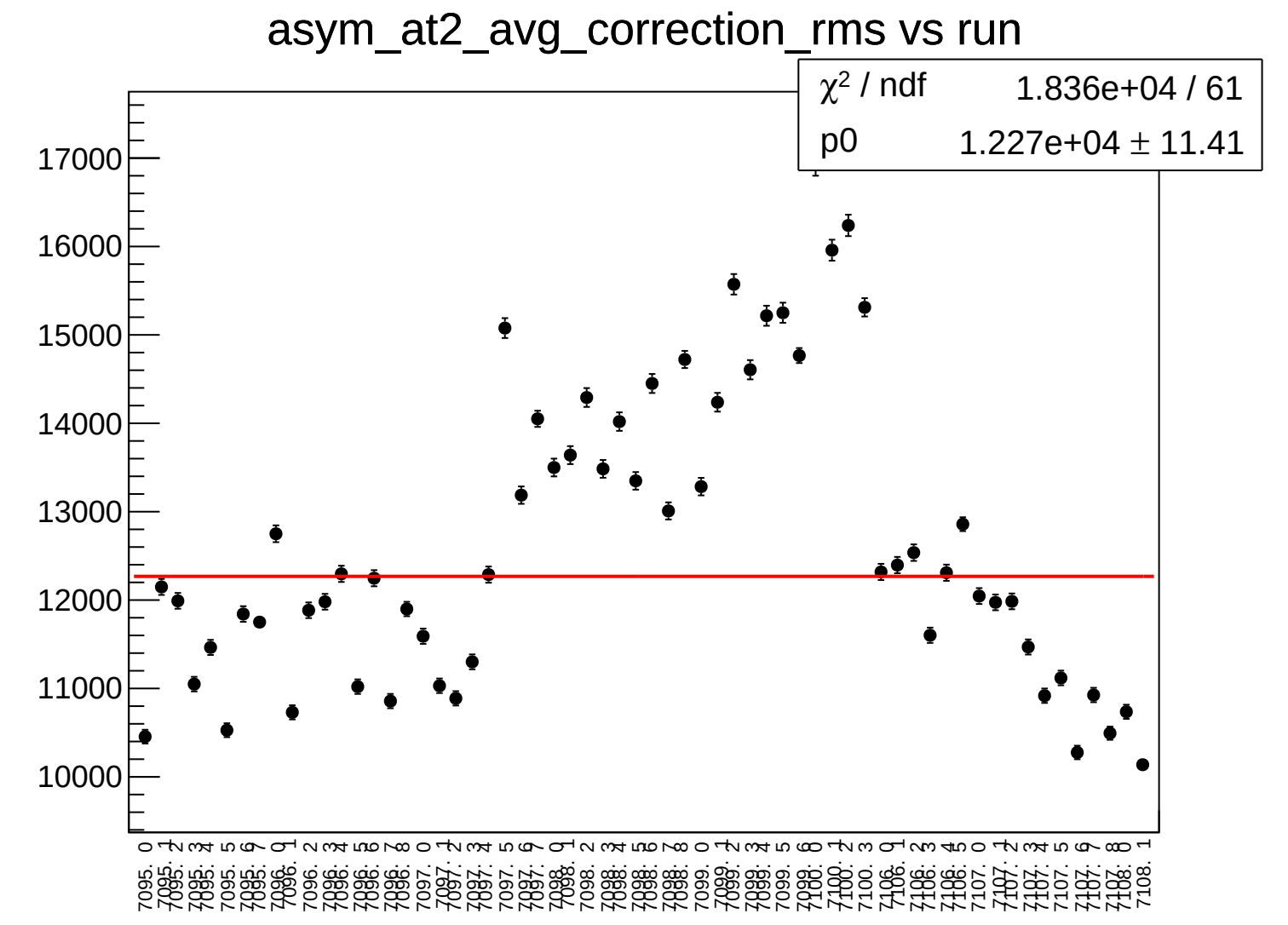

dit_asym_at2_avg_mean vs run
χ² / ndf 47.28 / 61
p0 −2015 ± 2796
pull
Entries 62
Mean 148
Std Dev 110

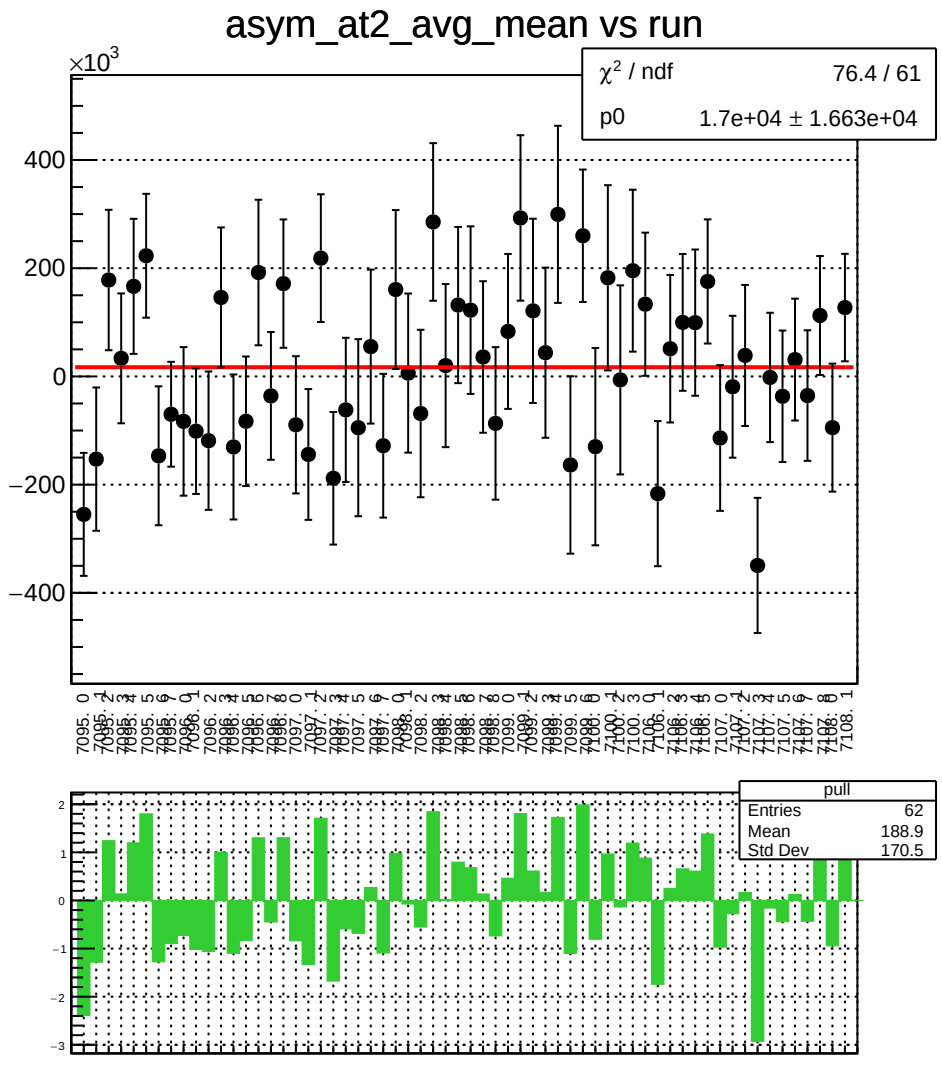

pull1D
Entries 62
Mean 0.008219
Std Dev 0.8732

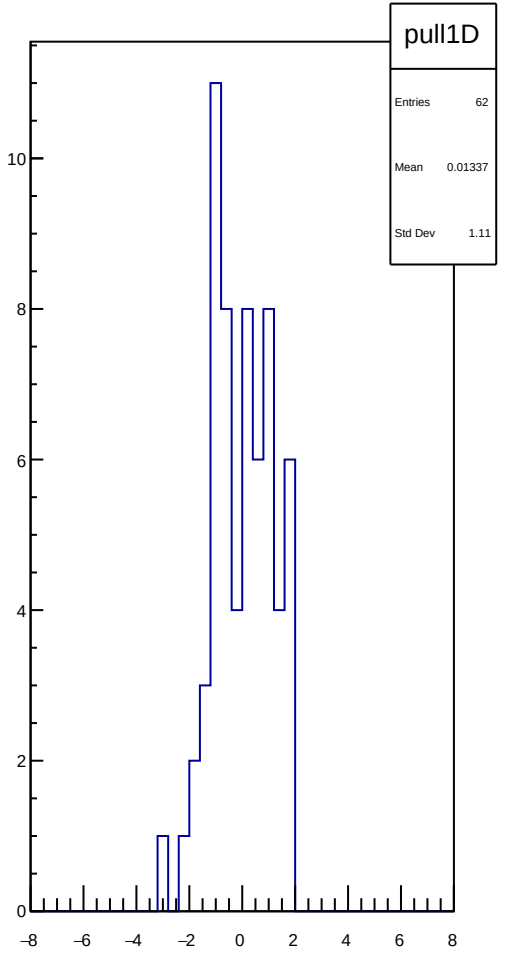

dit_asym_at2_avg_rms vs run
χ² / ndf 1917 / 61
p0 2141 ± 1.977
2500
2400
2300
2200
2100
2000

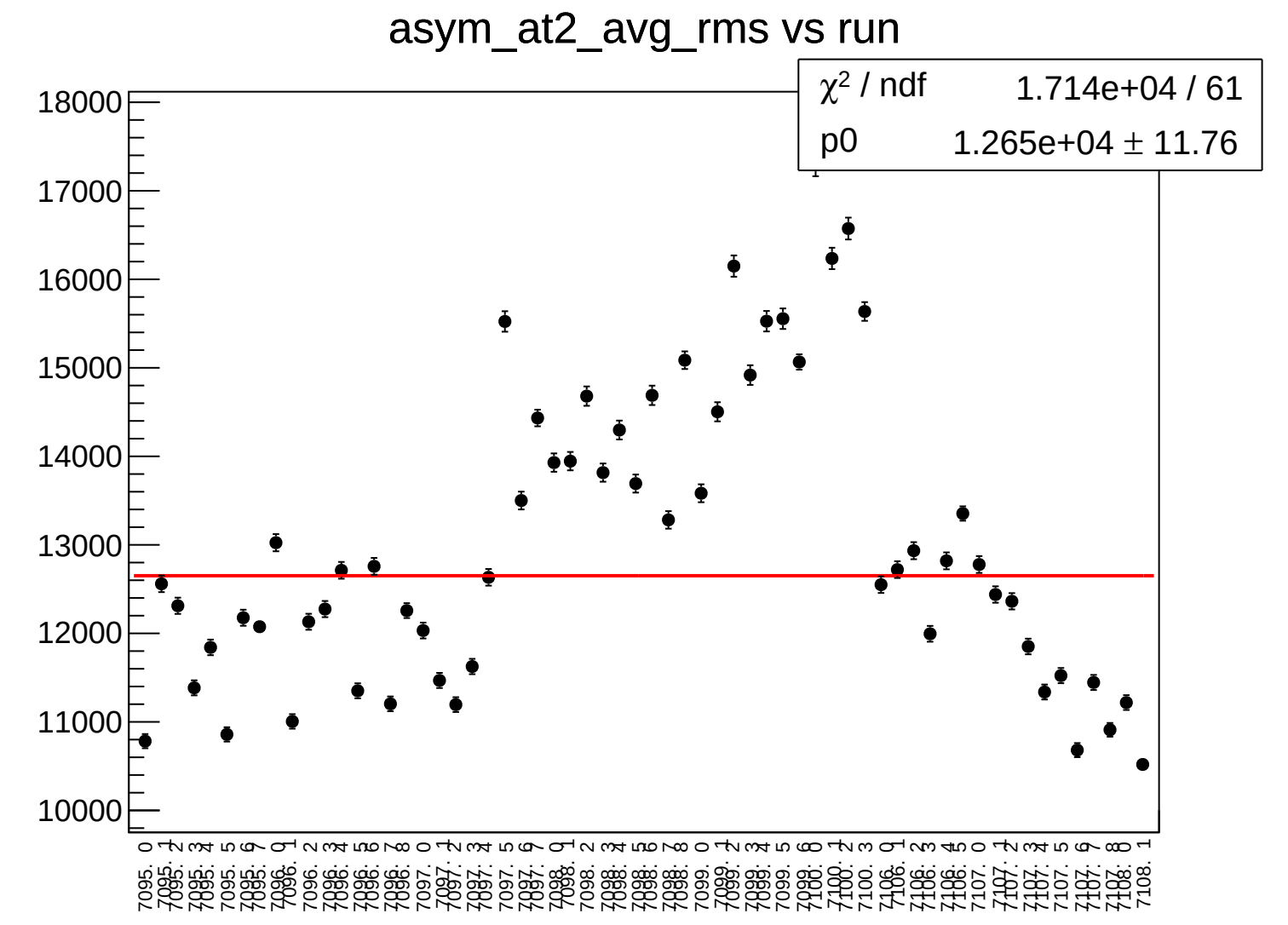

asym_at2_avg_correction_mean vs run
×10^3
χ² / ndf 82.89 / 61
p0 −1.815e+04 ± 1.614e+04
400
200
0
−200
−400
pull
Entries 62
Mean 157.3
Std Dev 140.2
3
2
1
0
−1
−2

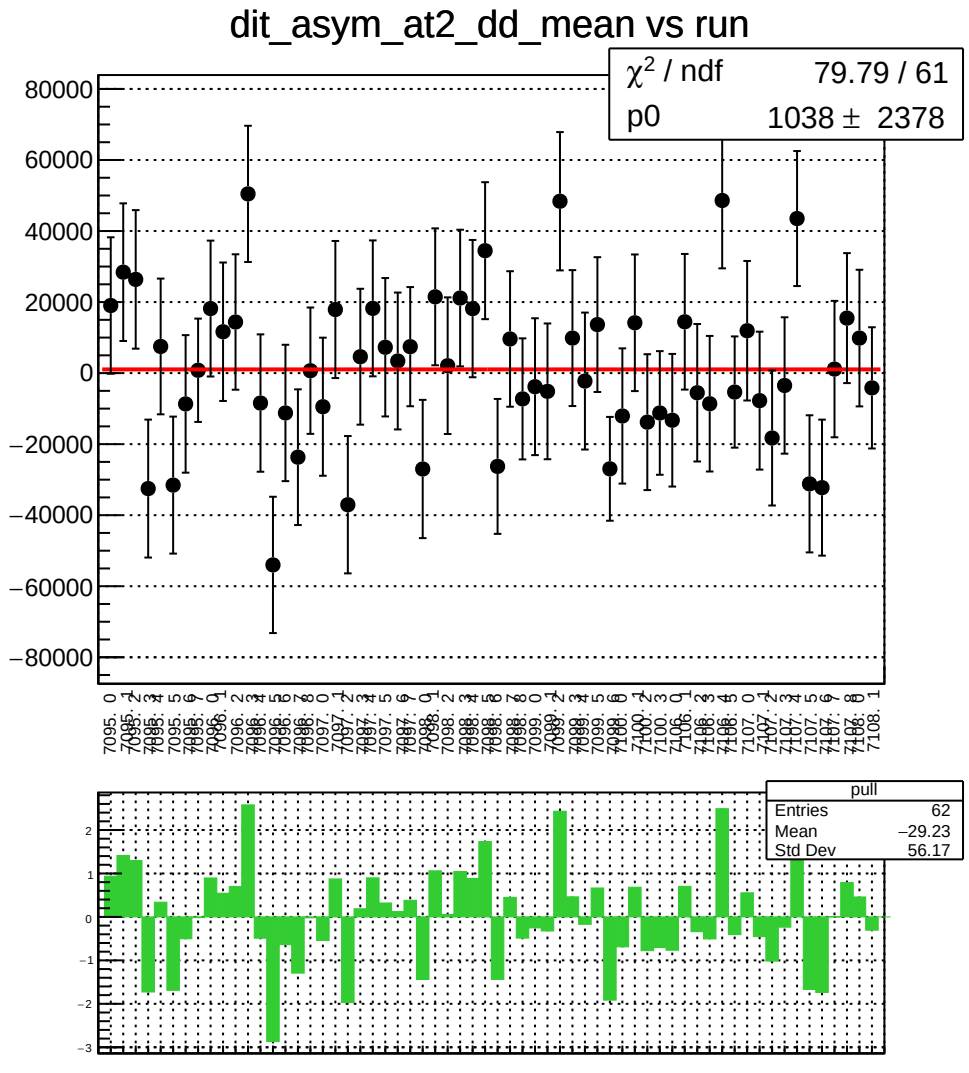

pull1D
Entries 62
Mean −0.01572
Std Dev 1.156
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

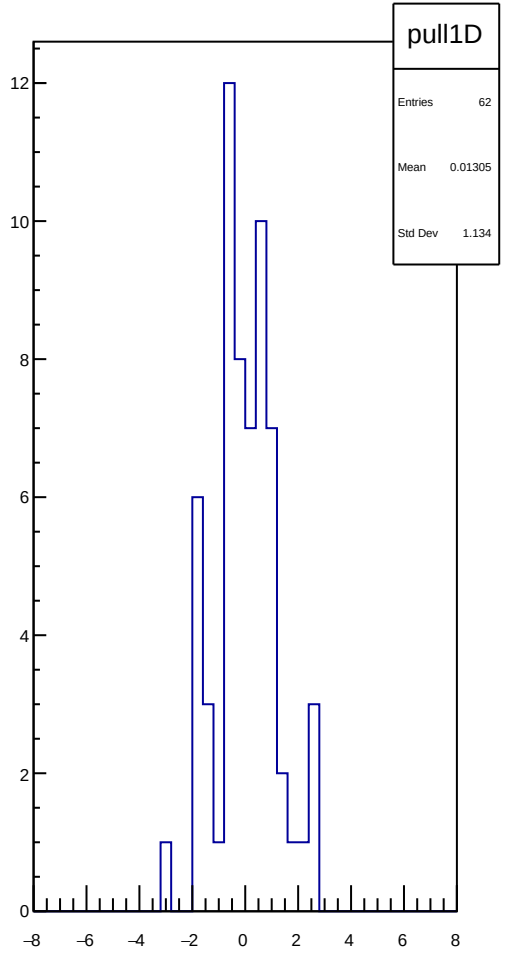

asym_at2_avg_correction_rms vs run
χ² / ndf 1.836e+04 / 61
p0 1.227e+04 ± 11.41
17000
16000
15000
14000
13000
12000
11000
10000

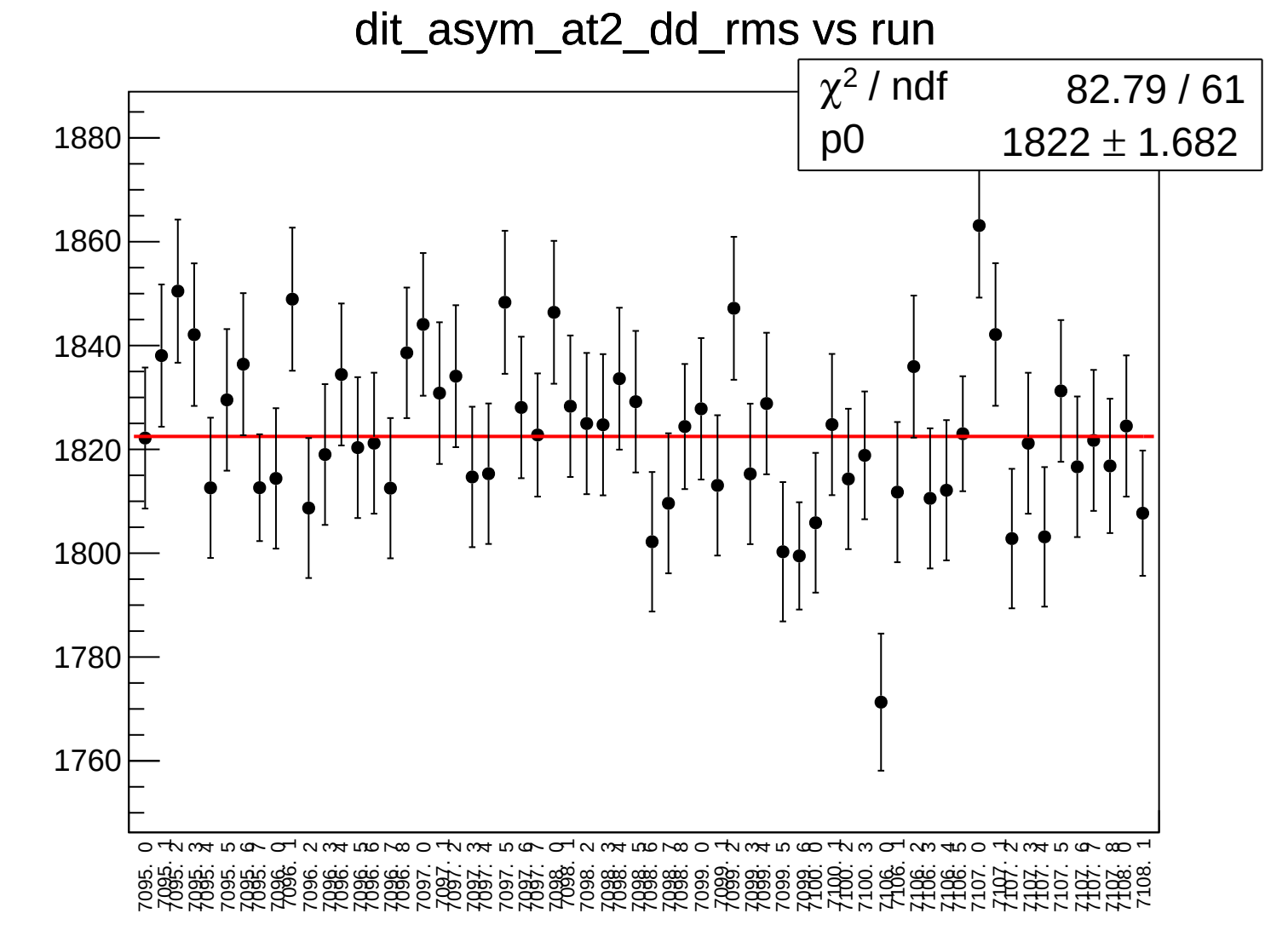

asym_at2_avg_mean vs run
×10^3
χ² / ndf 76.4 / 61
p0 1.7e+04 ± 1.663e+04
400
200
0
−200
−400
pull
Entries 62
Mean 188.9
Std Dev 170.5
2
1
0
−1
−2
−3

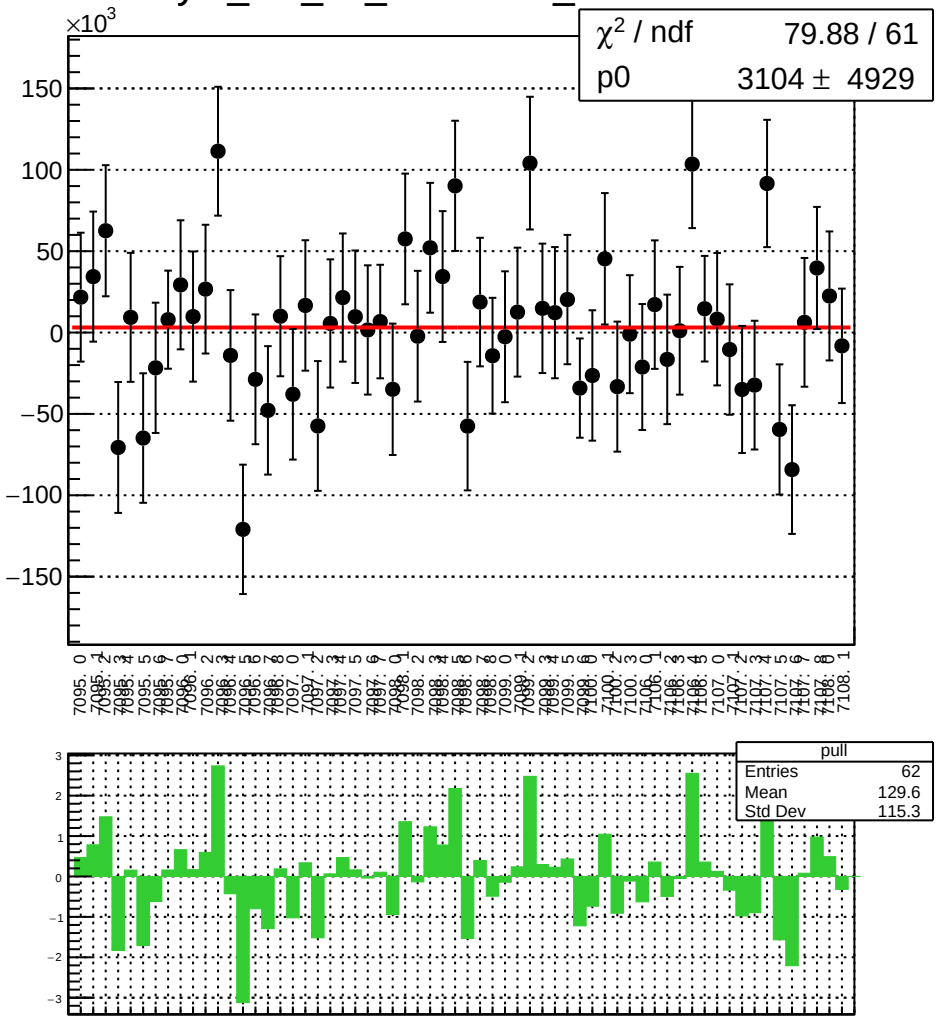

pull1D
Entries 62
Mean 0.01337
Std Dev 1.11
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

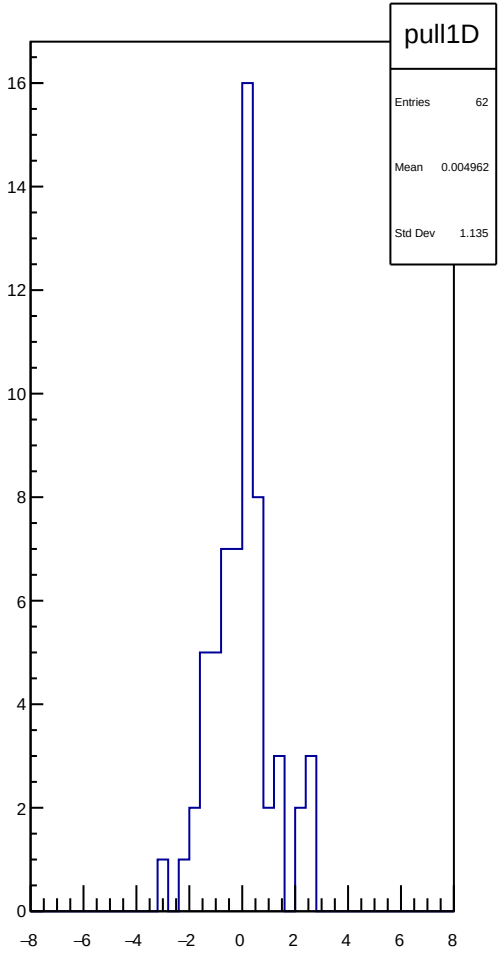

asym_at2_avg_rms vs run
χ² / ndf 1.714e+04 / 61
p0 1.265e+04 ± 11.76
18000
17000
16000
15000
14000
13000
12000
11000
10000

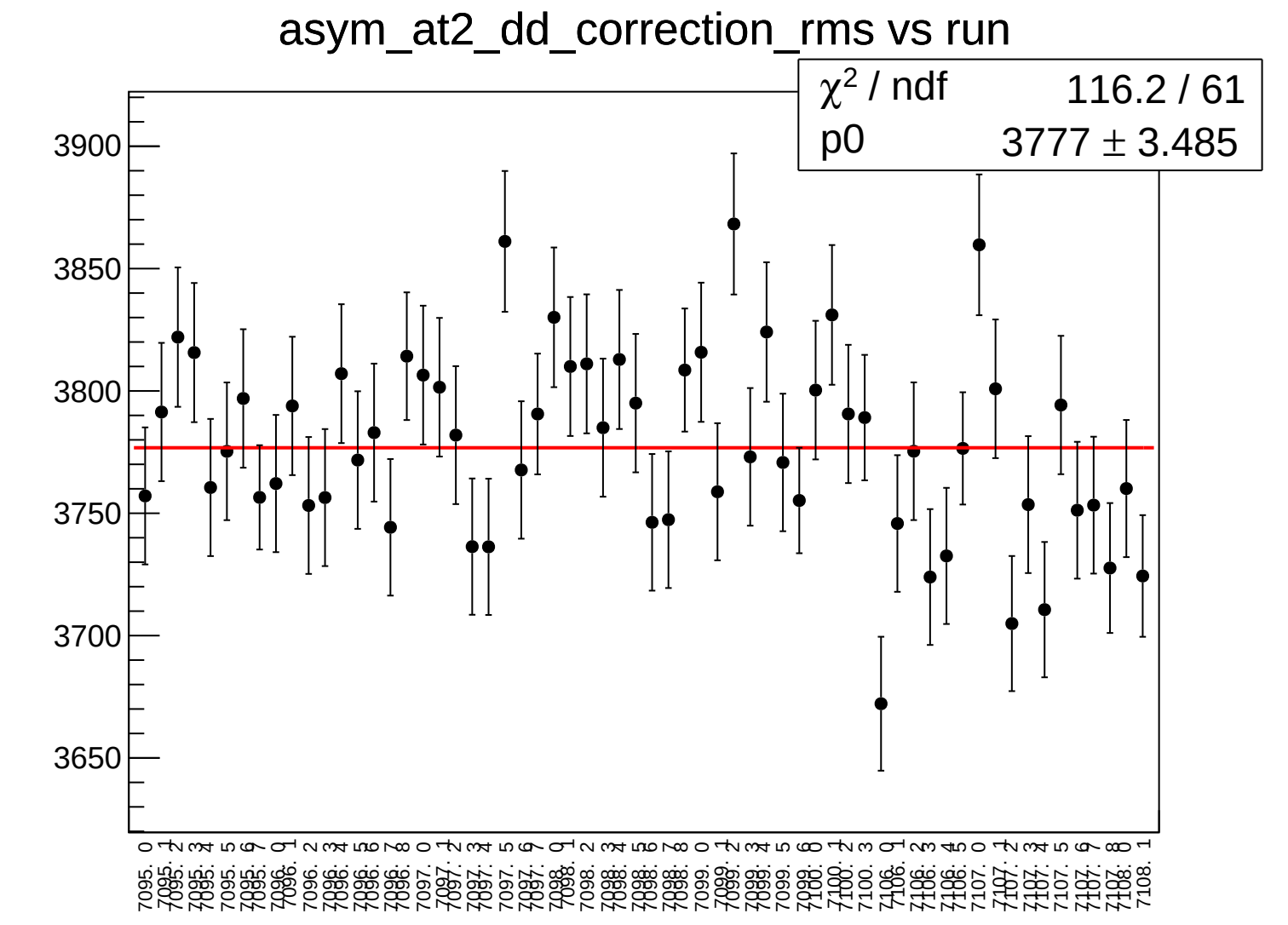

dit_asym_at2_dd_mean vs run
χ² / ndf 79.79 / 61
p0 1038 ± 2378
pull
Entries 62
Mean −29.23
Std Dev 56.17

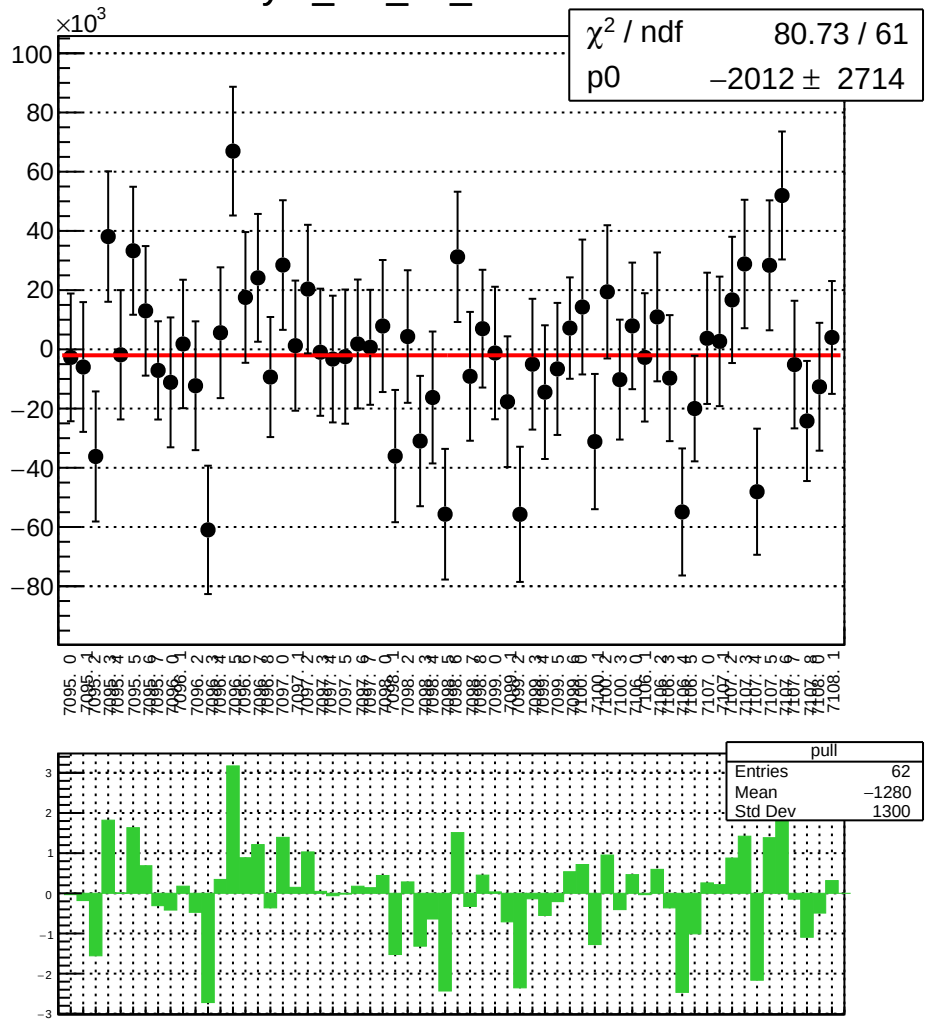

pull1D
Entries 62
Mean 0.01305
Std Dev 1.134

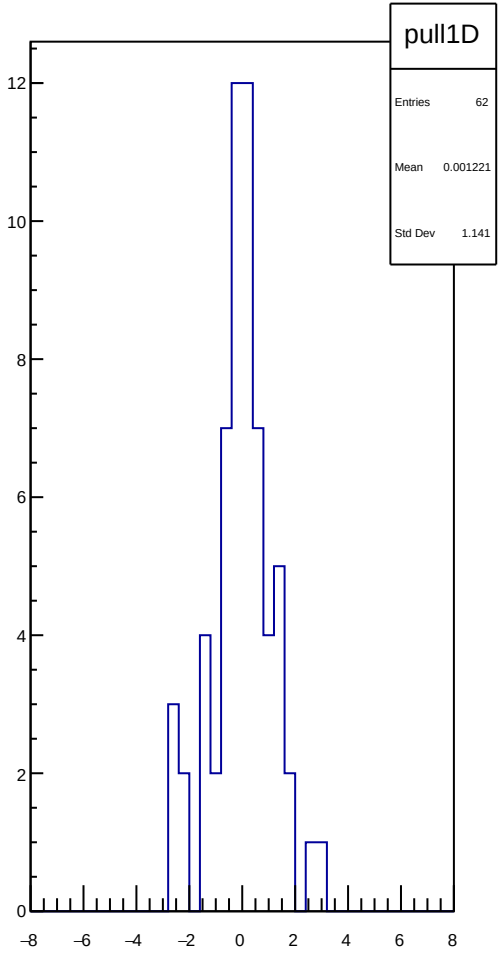

dit_asym_at2_dd_rms vs run
χ² / ndf 82.79 / 61
p0 1822 ± 1.682
1880
1860
1840
1820
1800
1780
1760
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7100. 4
7100. 5
7100. 6
7100. 7
7100. 8
7100. 9
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7106. 6
7106. 7
7106. 8
7106. 9
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

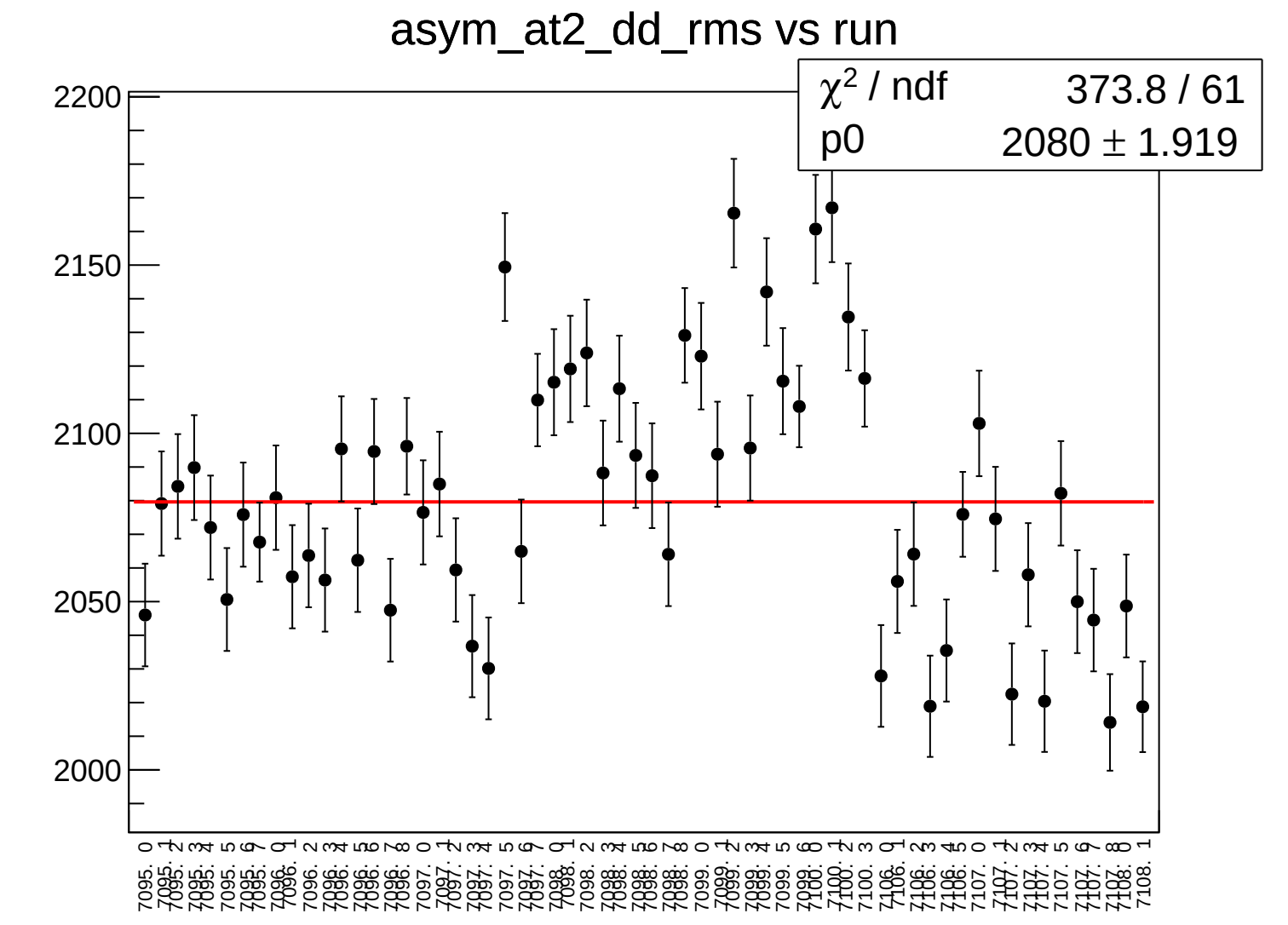

asym_at2_dd_correction_mean vs run
χ² / ndf 79.88 / 61
p0 3104 ± 4929
pull
Entries 62
Mean 129.6
Std Dev 115.3

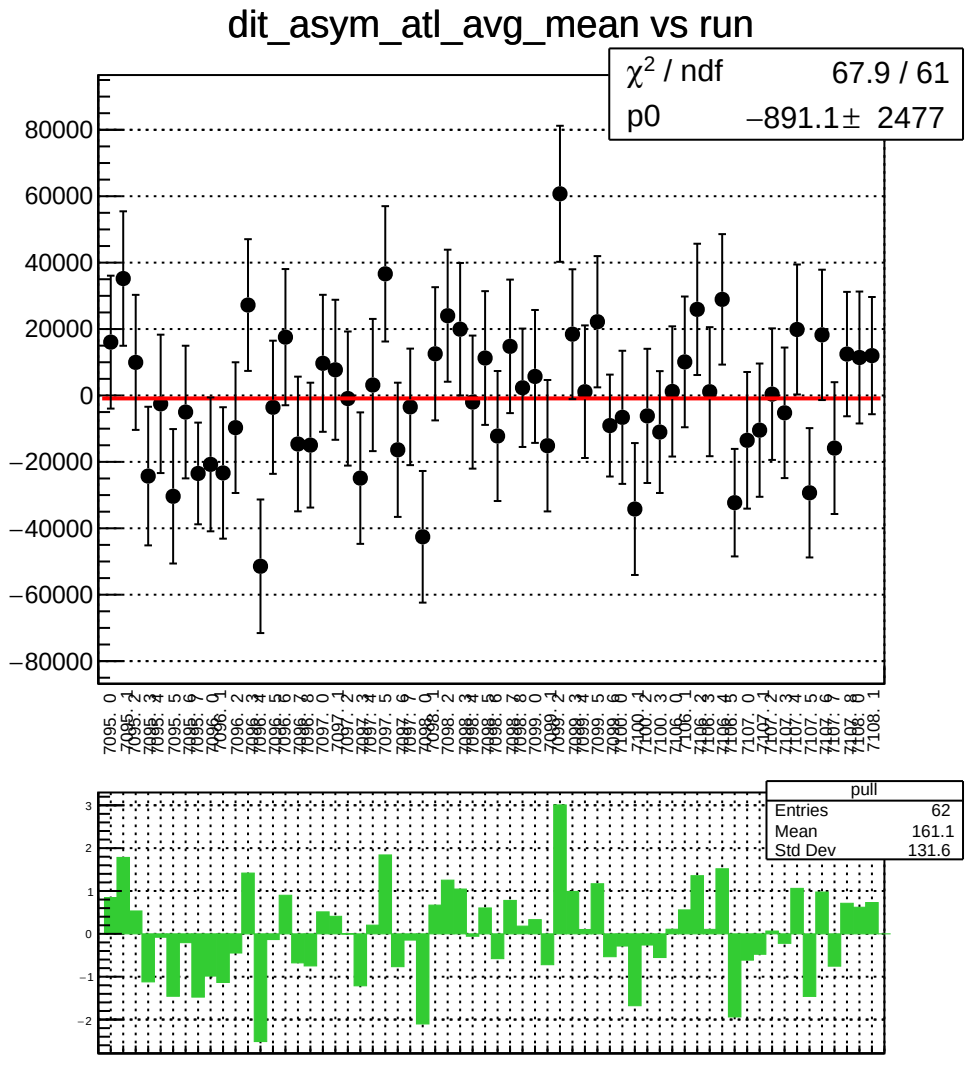

pull1D
Entries 62
Mean 0.004962
Std Dev 1.135

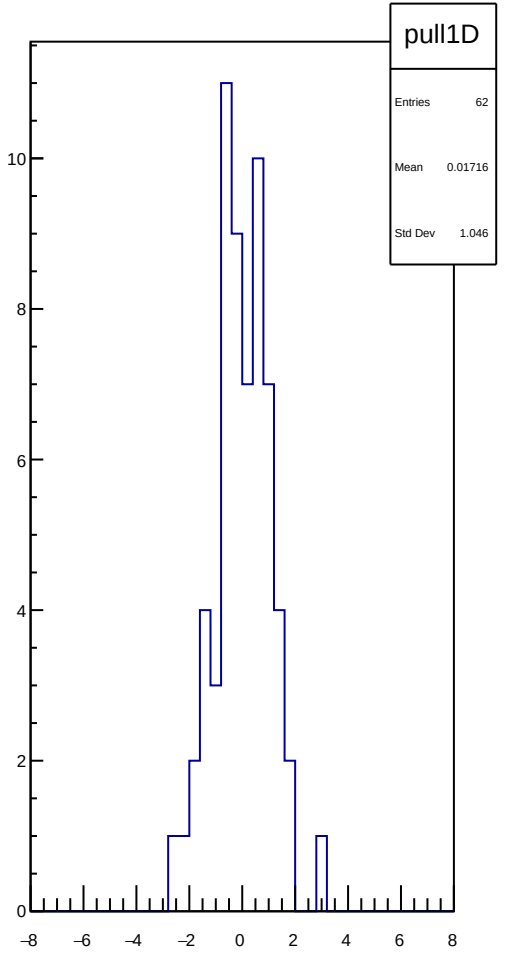

asym_at2_dd_correction_rms vs run
χ² / ndf 116.2 / 61
p0 3777 ± 3.485
3900
3850
3800
3750
3700
3650

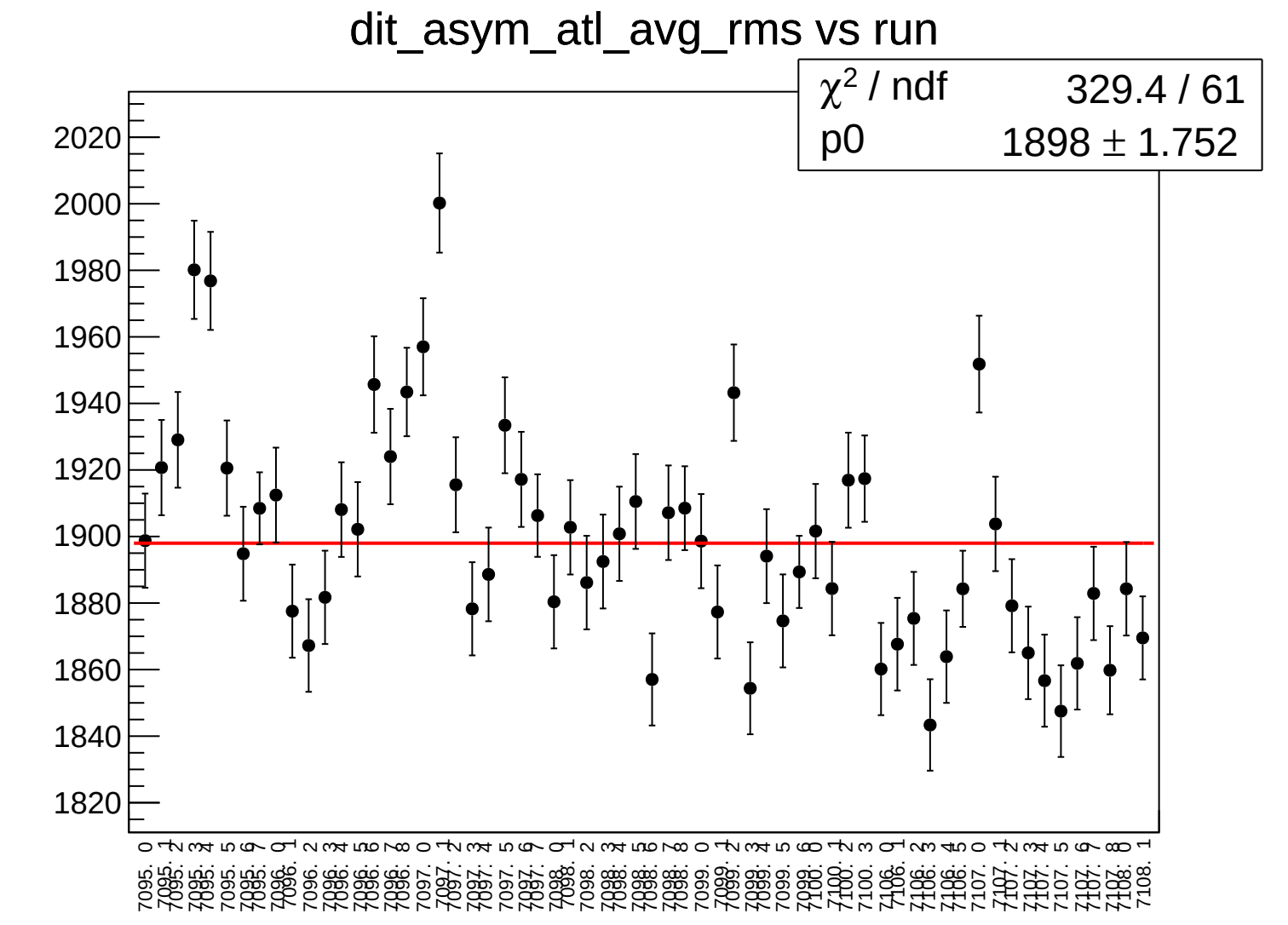

asym_at2_dd_mean vs run
×10^3
χ² / ndf 80.73 / 61
p0 −2012 ± 2714
pull
Entries 62
Mean −1280
Std Dev 1300

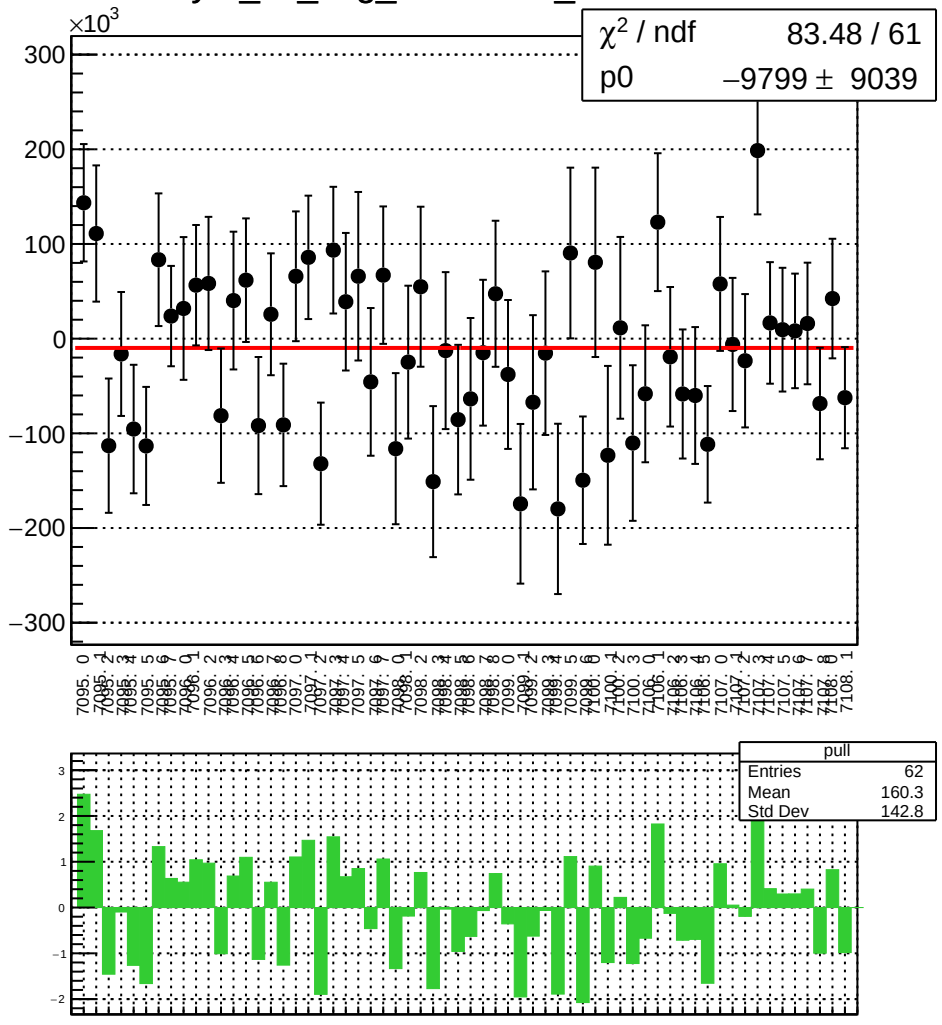

pull1D
Entries 62
Mean 0.001221
Std Dev 1.141

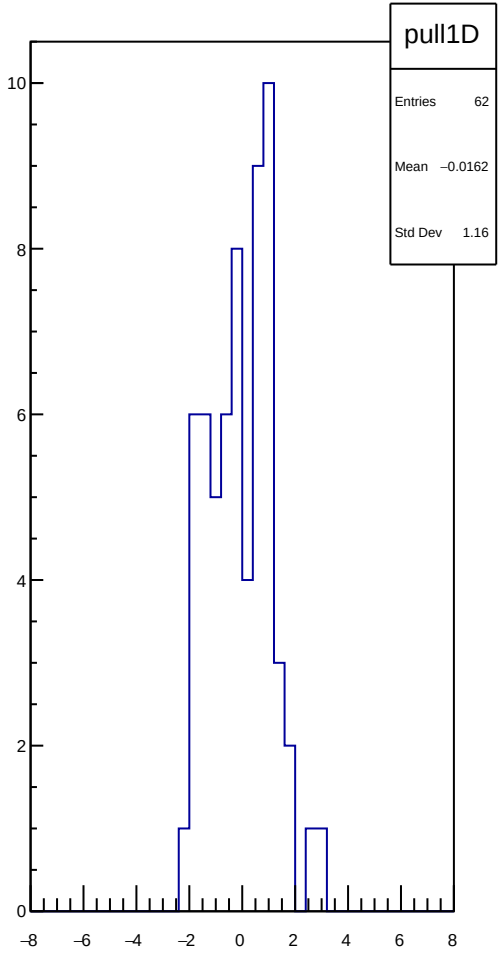

asym_at2_dd_rms vs run
χ² / ndf 373.8 / 61
p0 2080 ± 1.919
2200
2150
2100
2050
2000

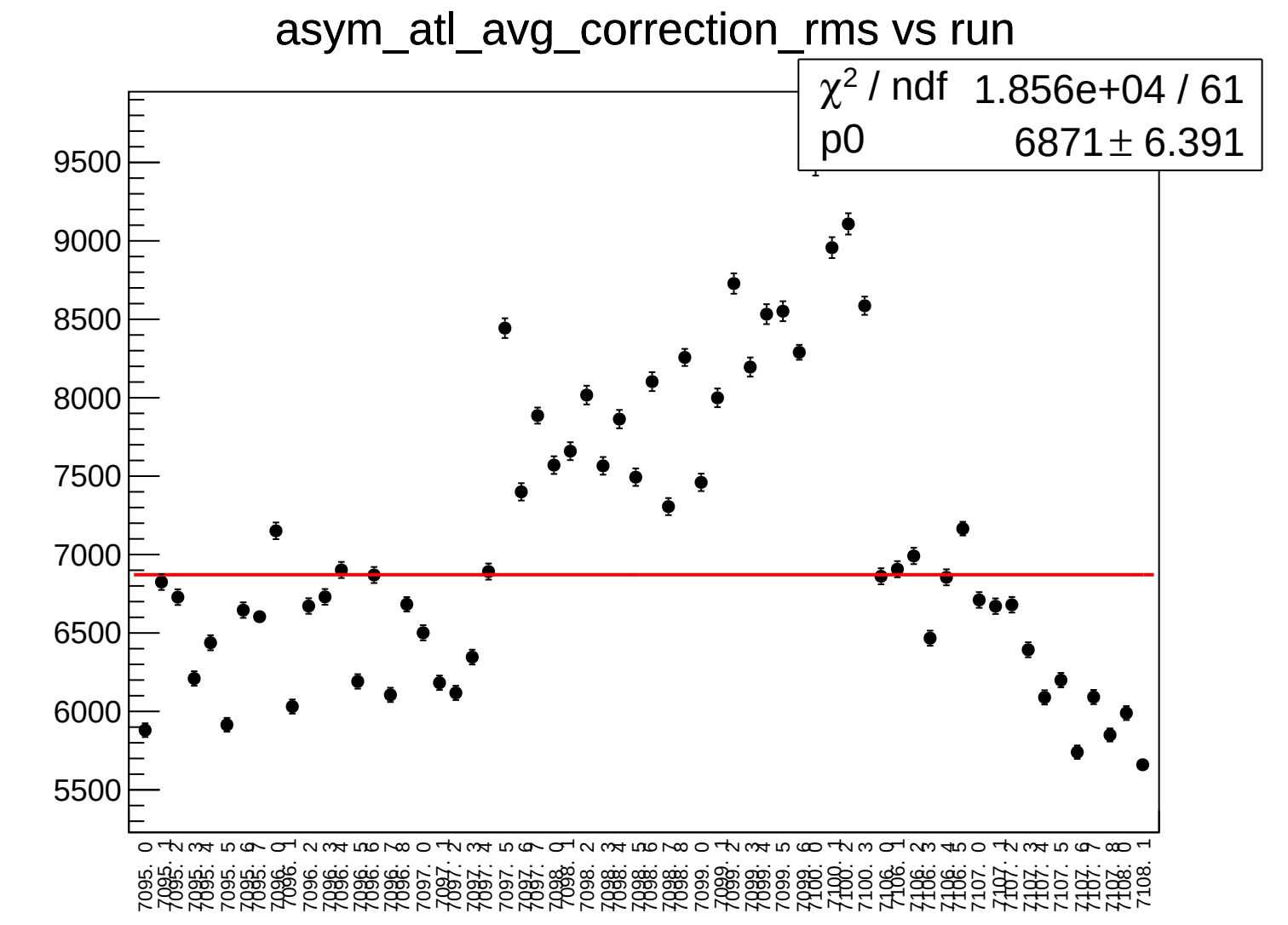

dit_asym_atl_avg_mean vs run
χ² / ndf 67.9 / 61
p0 −891.1± 2477
80000
60000
40000
20000
0
−20000
−40000
−60000
−80000
pull
Entries 62
Mean 161.1
Std Dev 131.6
3
2
1
0
−1
−2

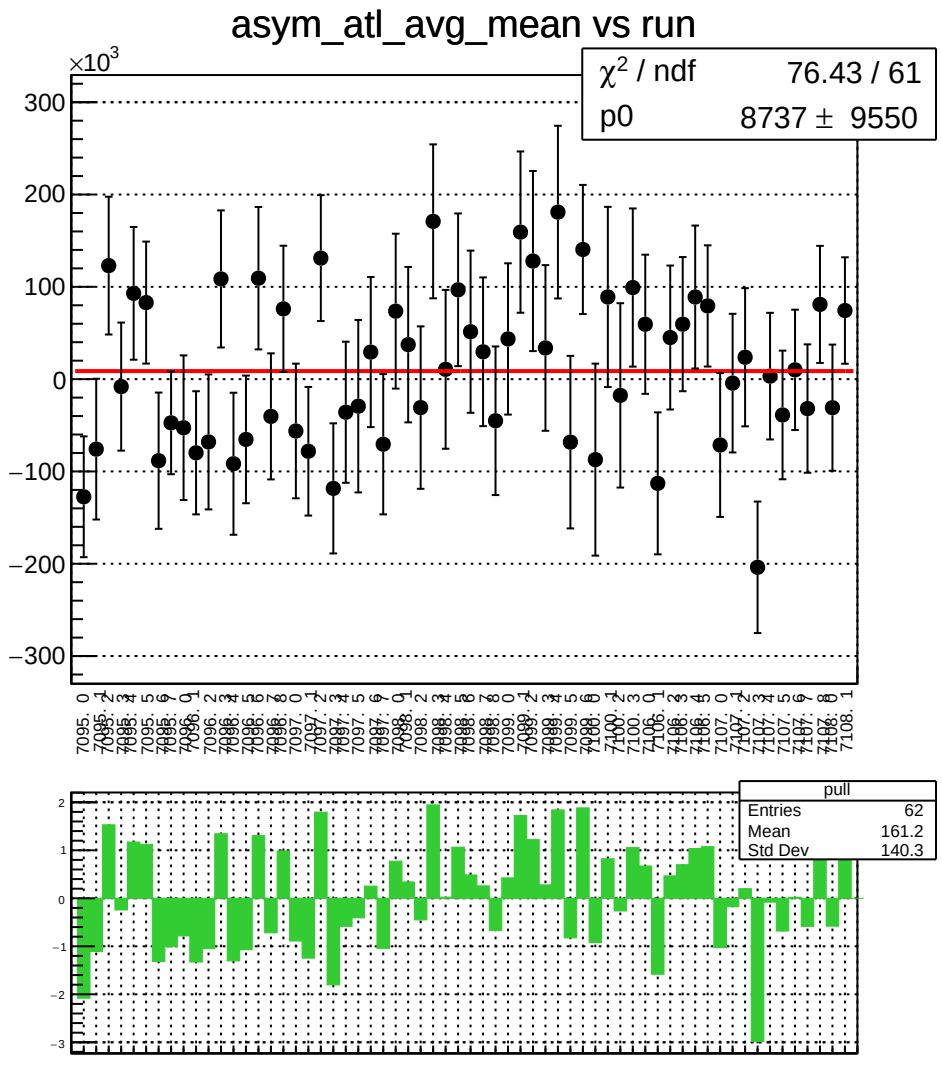

pull1D
Entries 62
Mean 0.01716
Std Dev 1.046
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

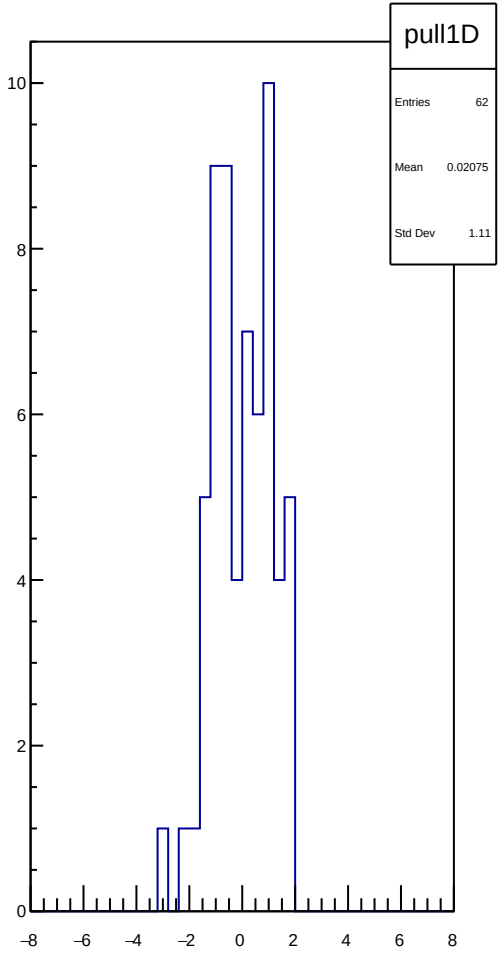

dit_asym_atl_avg_rms vs run
χ² / ndf 329.4 / 61
p0 1898 ± 1.752
2020
2000
1980
1960
1940
1920
1900
1880
1860
1840
1820

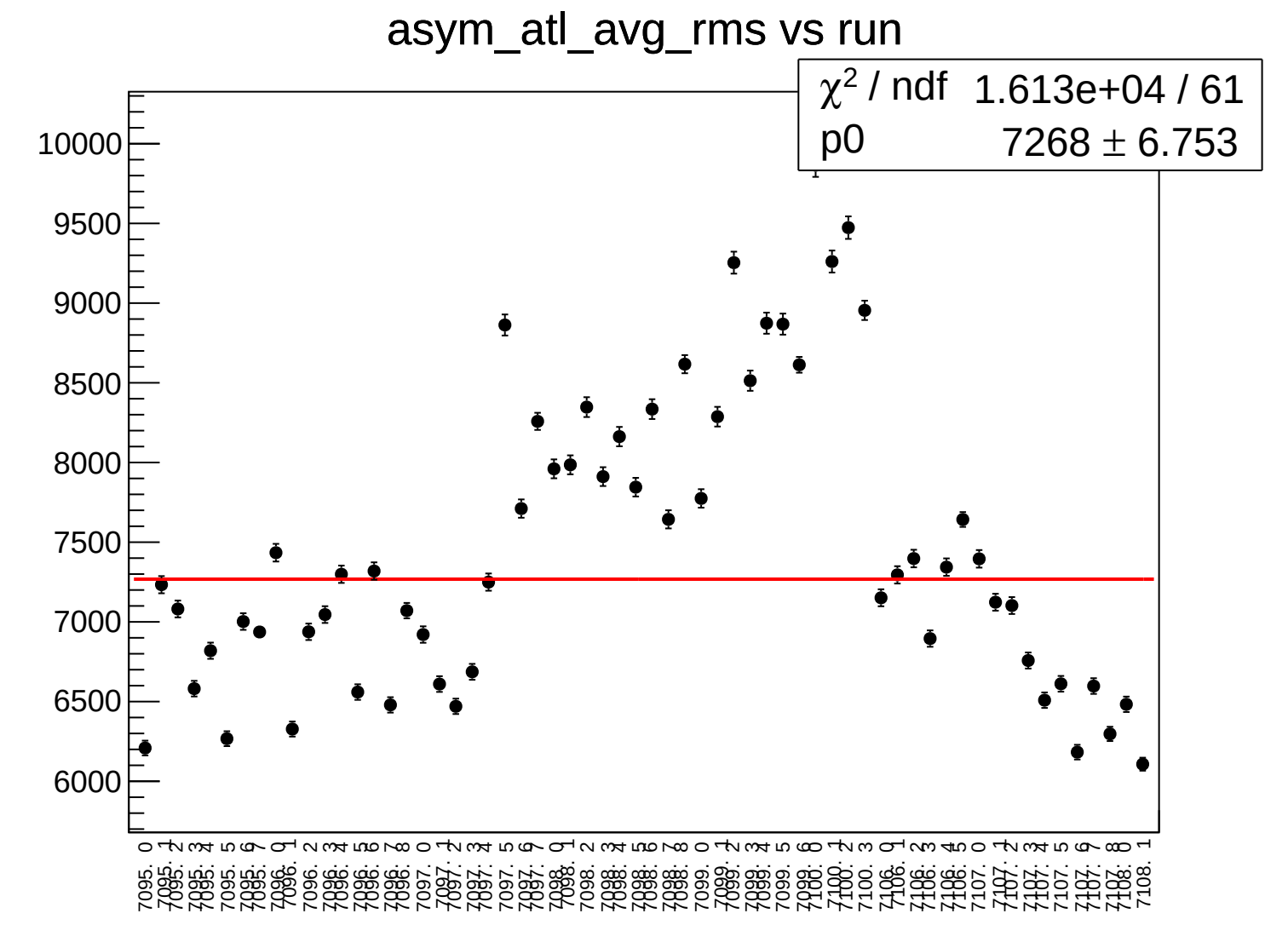

asym_atl_avg_correction_mean vs run
×10^3
χ² / ndf 83.48 / 61
p0 −9799 ± 9039
pull
Entries 62
Mean 160.3
Std Dev 142.8

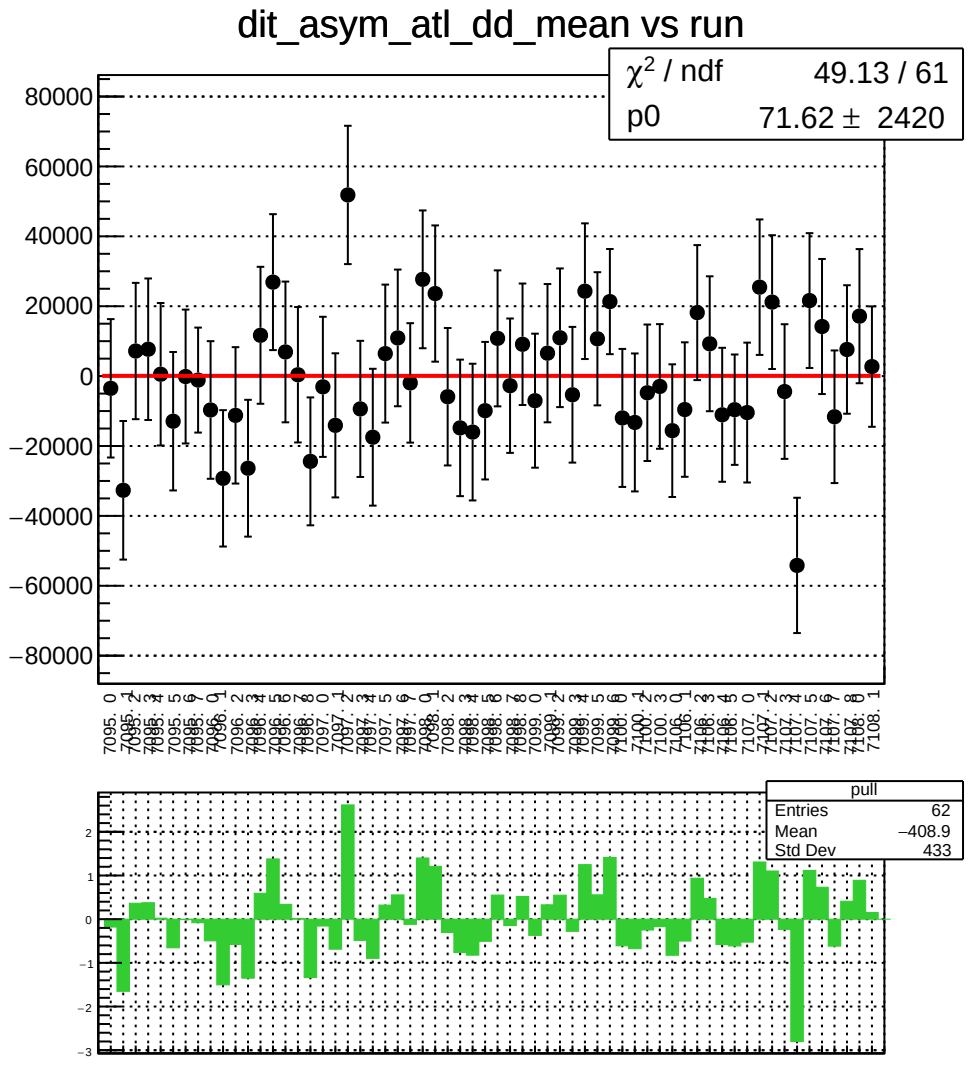

pull1D
Entries 62
Mean −0.0162
Std Dev 1.16

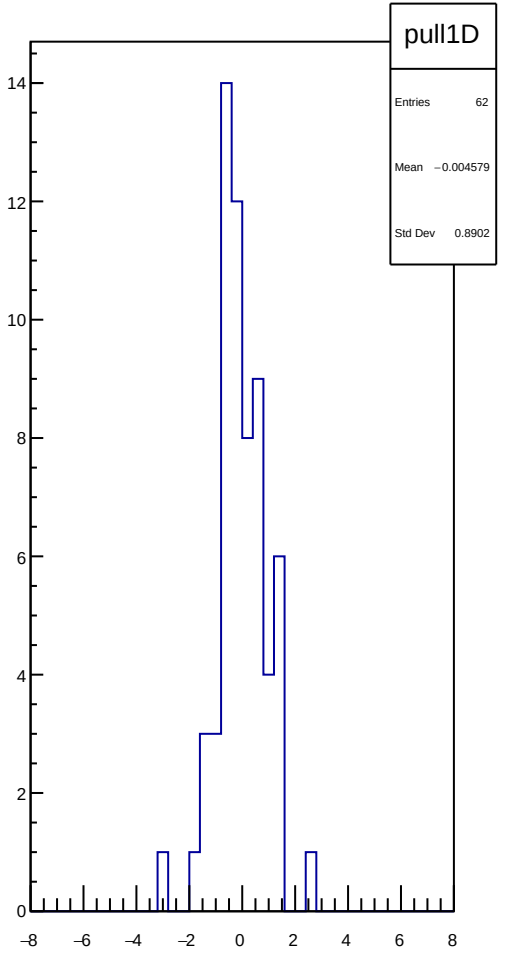

asym_atl_avg_correction_rms vs run
χ² / ndf 1.856e+04 / 61
p0 6871 ± 6.391
9500
9000
8500
8000
7500
7000
6500
6000
5500

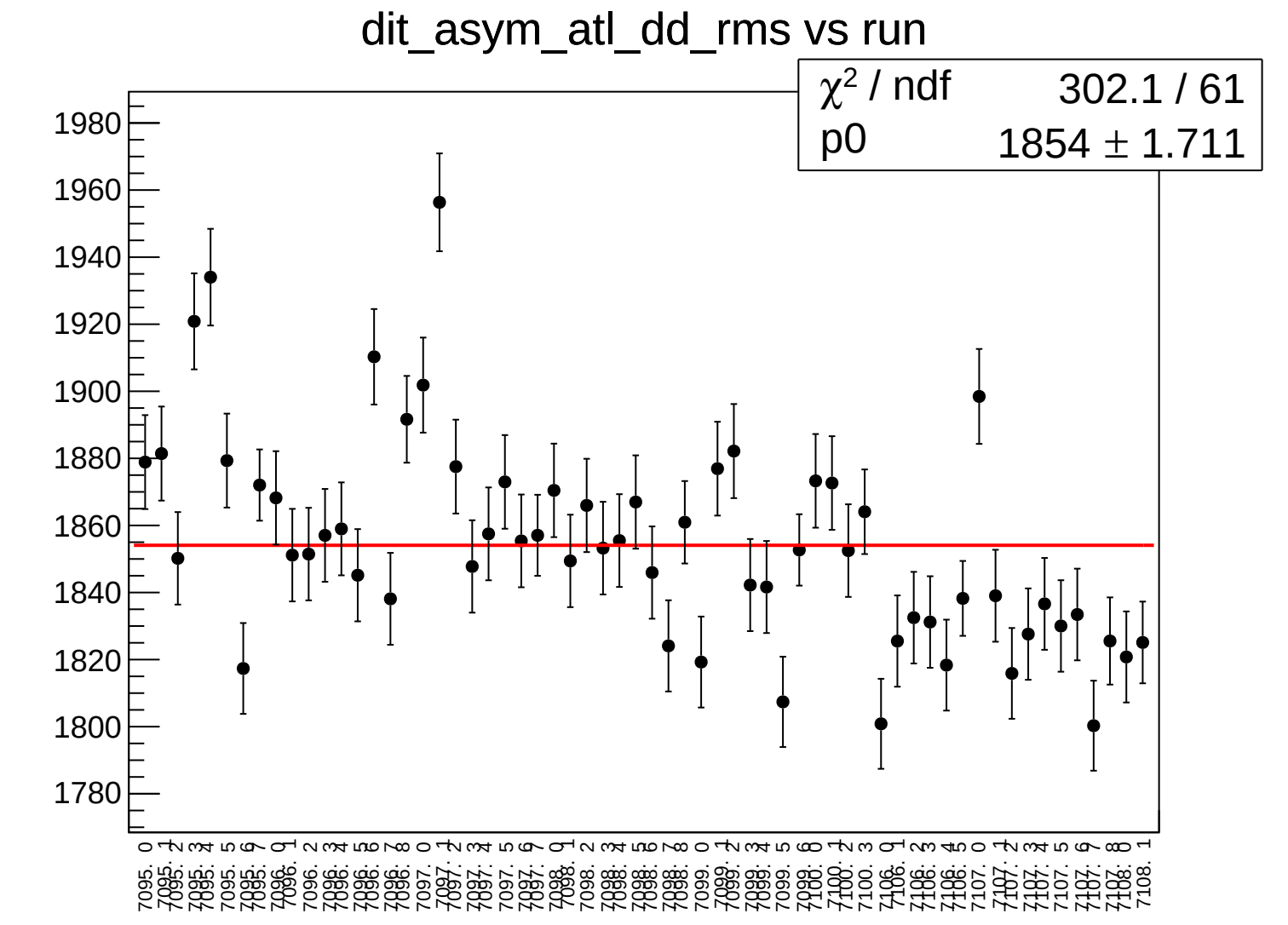

asym_atl_avg_mean vs run
×10^3
χ² / ndf 76.43 / 61
p0 8737 ± 9550
300
200
100
0
−100
−200
−300
pull
Entries 62
Mean 161.2
Std Dev 140.3
2
1
0
−1
−2
−3

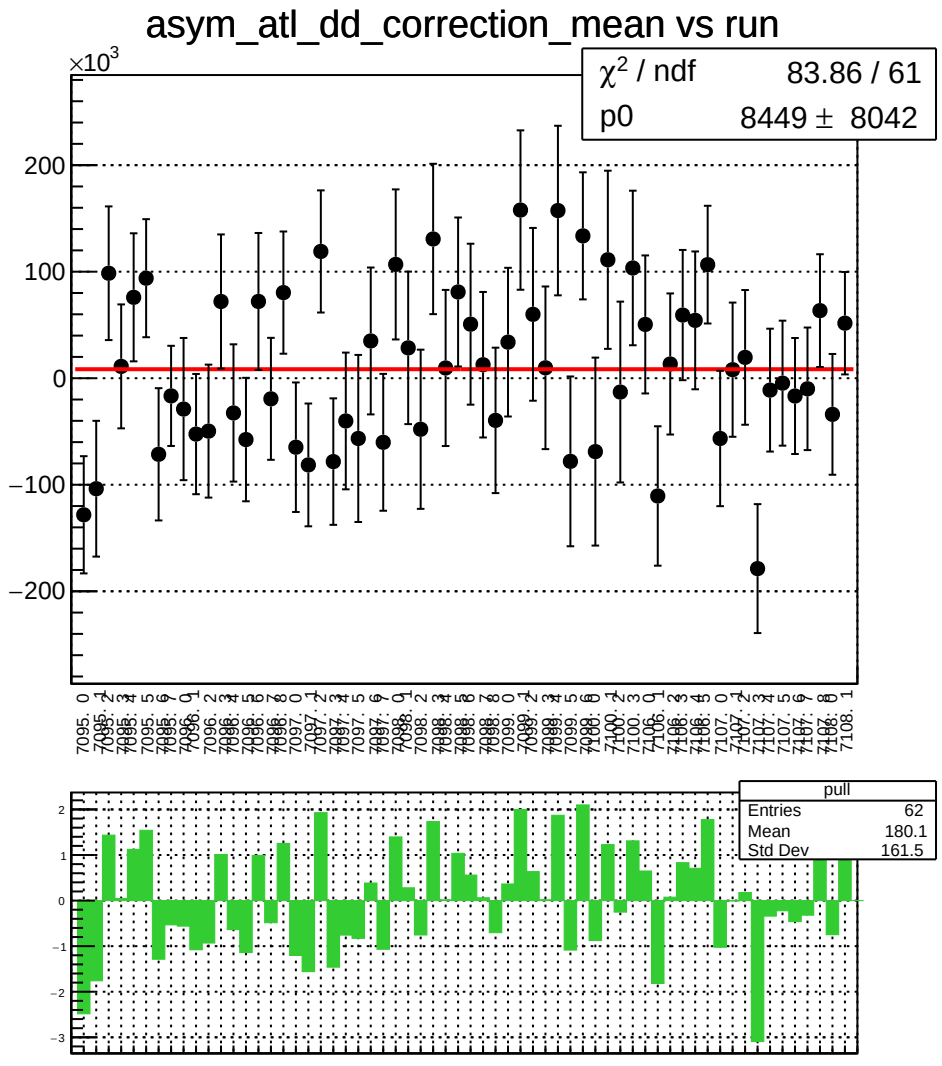

pull1D
Entries 62
Mean 0.02075
Std Dev 1.11
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

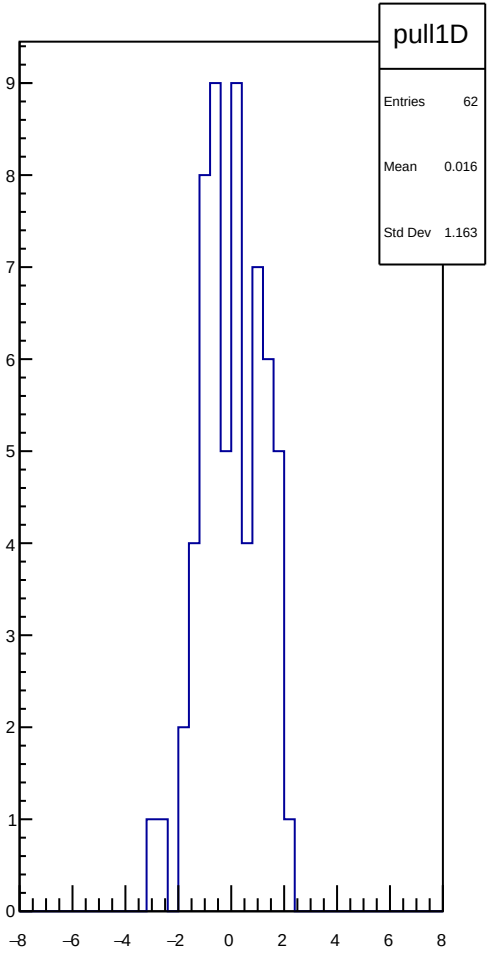

asym_atl_avg_rms vs run
χ^2 / ndf 1.613e+04 / 61
p0 7268 ± 6.753
10000
9500
9000
8500
8000
7500
7000
6500
6000

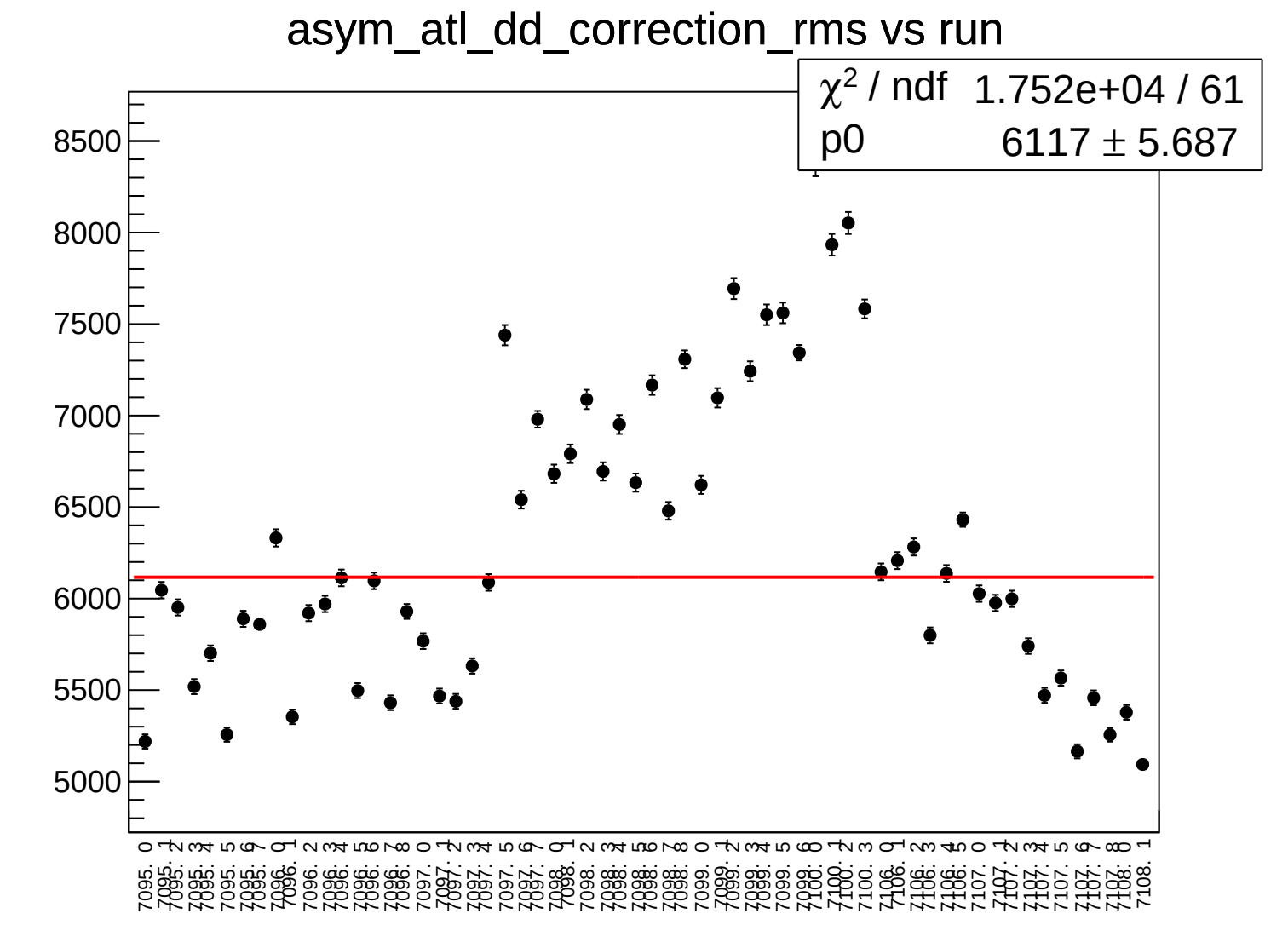

dit_asym_atl_dd_mean vs run
χ² / ndf 49.13 / 61
p0 71.62 ± 2420
pull
Entries 62
Mean −408.9
Std Dev 433

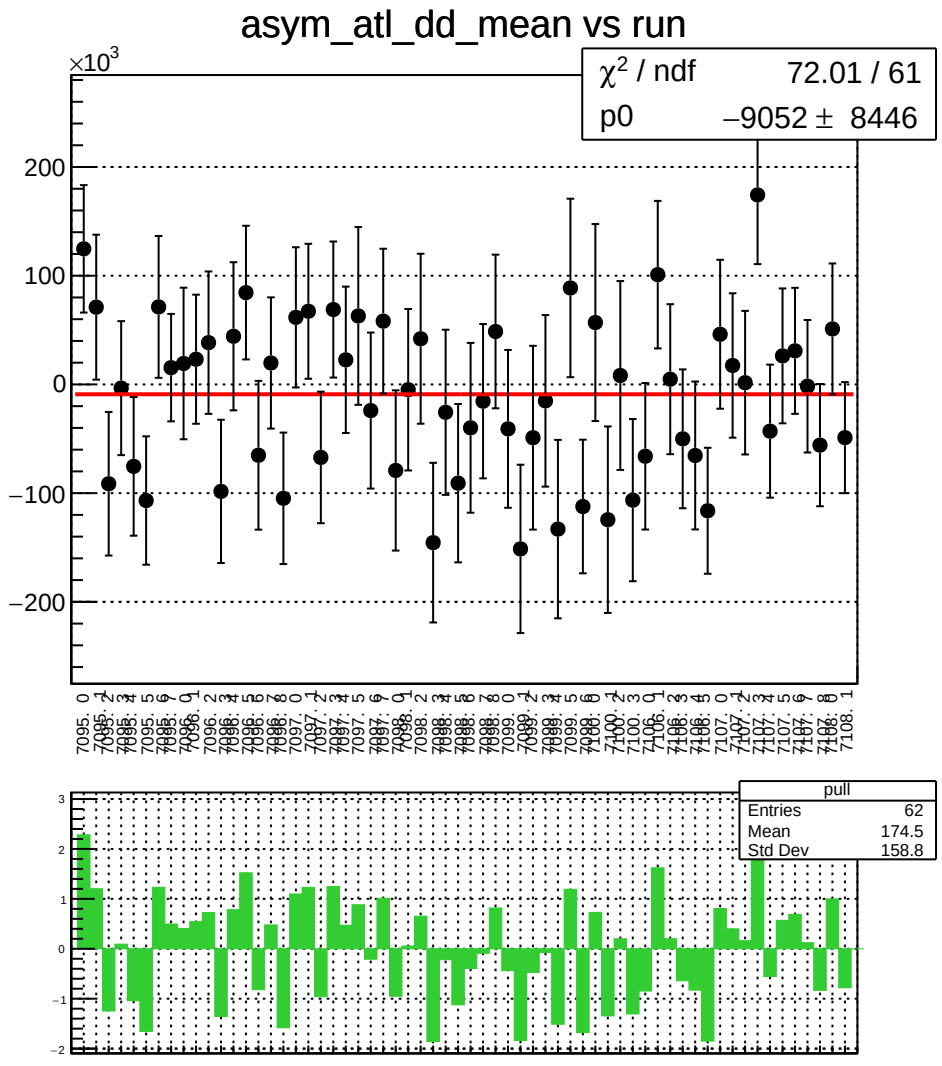

pull1D
Entries 62
Mean −0.004579
Std Dev 0.8902

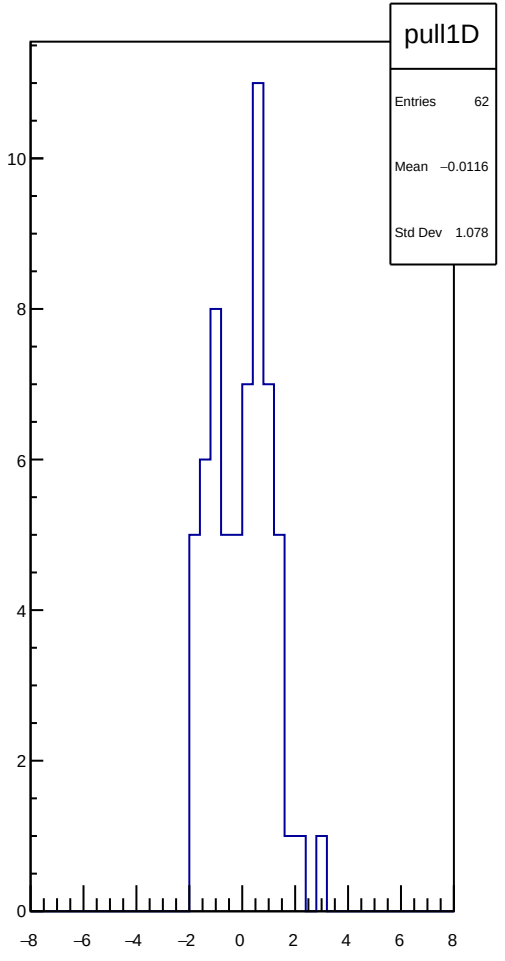

dit_asym_atl_dd_rms vs run
χ² / ndf 302.1 / 61
p0 1854 ± 1.711
1980
1960
1940
1920
1900
1880
1860
1840
1820
1800
1780

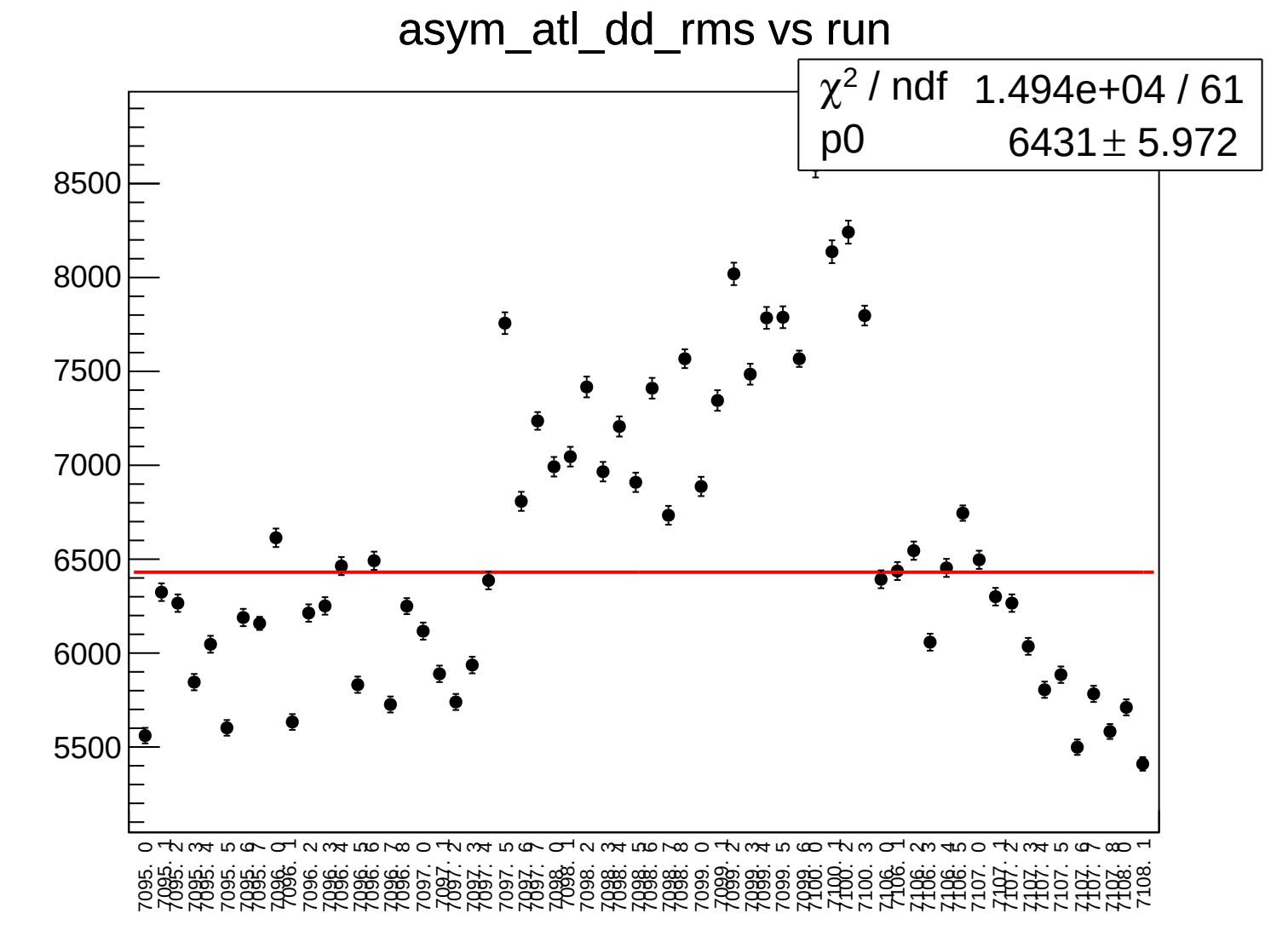

asym_atl_dd_correction_mean vs run
×10^3
χ^2 / ndf 83.86 / 61
p0 8449 ± 8042
200
100
0
−100
−200
pull
Entries 62
Mean 180.1
Std Dev 161.5
2
1
0
−1
−2
−3

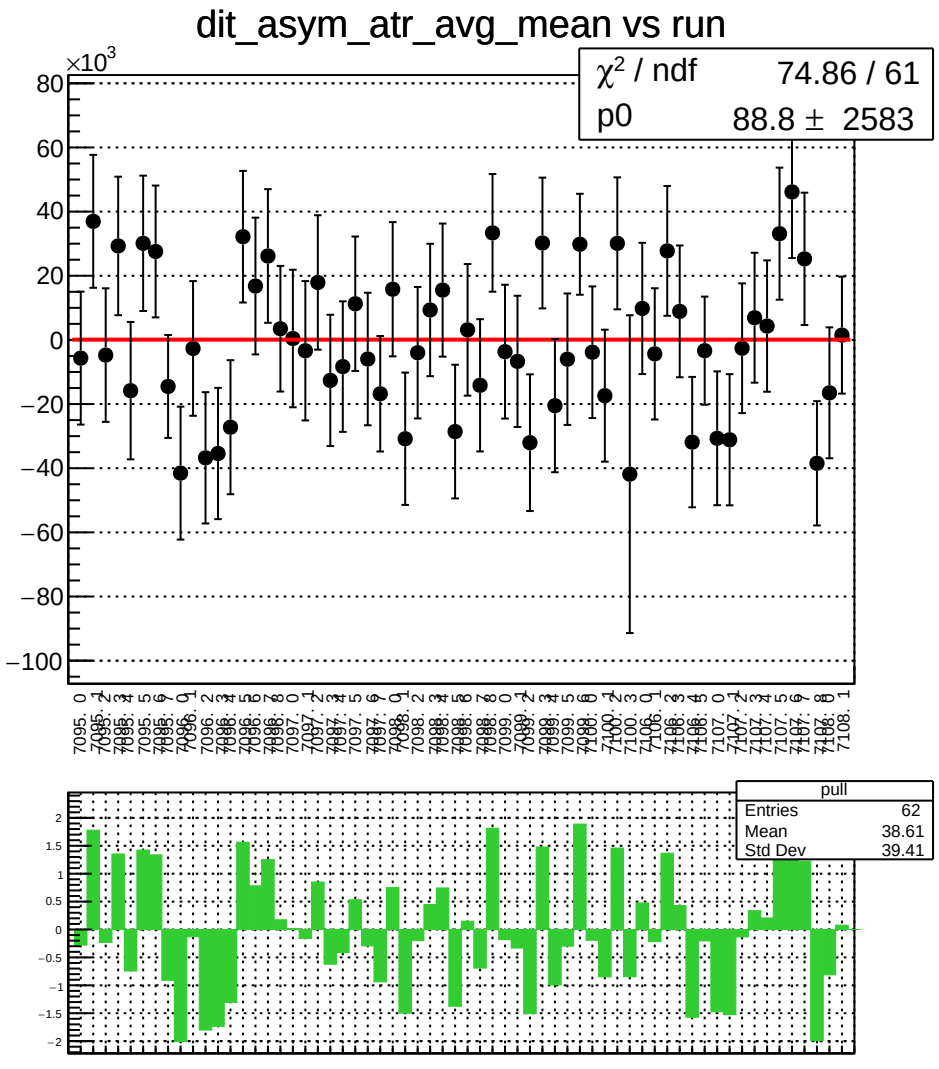

pull1D
Entries 62
Mean 0.016
Std Dev 1.163
9
8
7
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

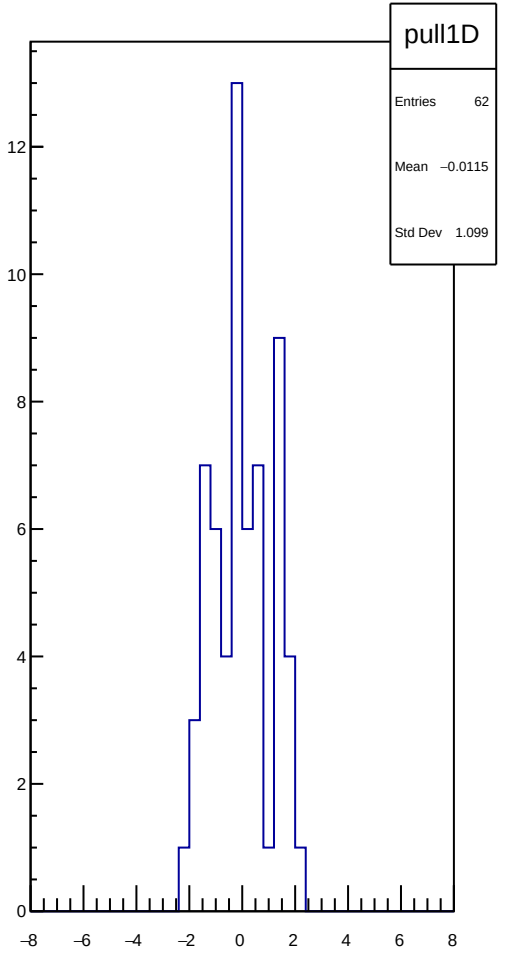

asym_atl_dd_correction_rms vs run
χ² / ndf 1.752e+04 / 61
p0 6117 ± 5.687
8500
8000
7500
7000
6500
6000
5500
5000

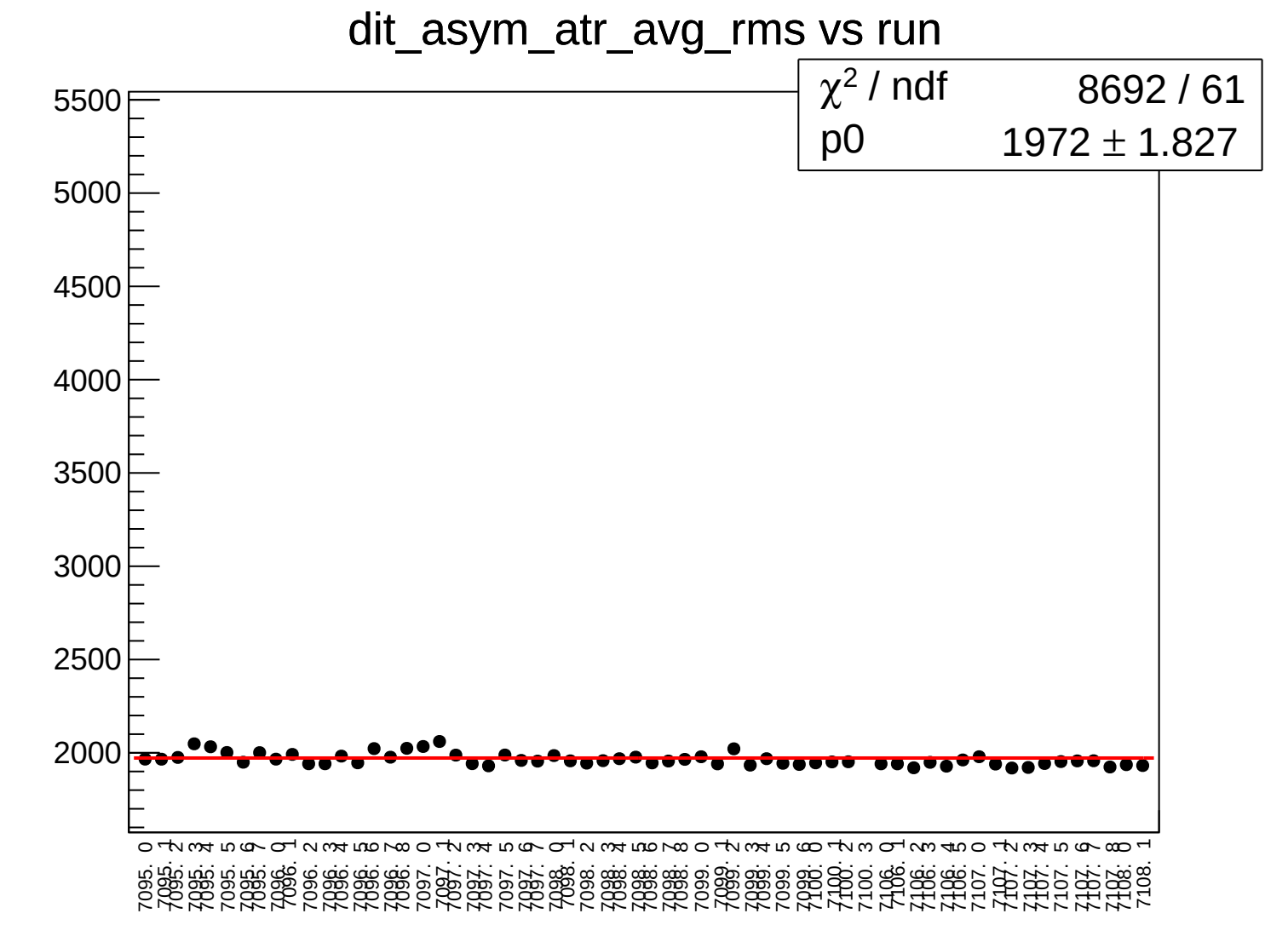

asym_atl_dd_mean vs run
×10^3
χ^2 / ndf 72.01 / 61
p0 −9052 ± 8446
200
100
0
−100
−200
pull
Entries 62
Mean 174.5
Std Dev 158.8
3
2
1
0
−1
−2

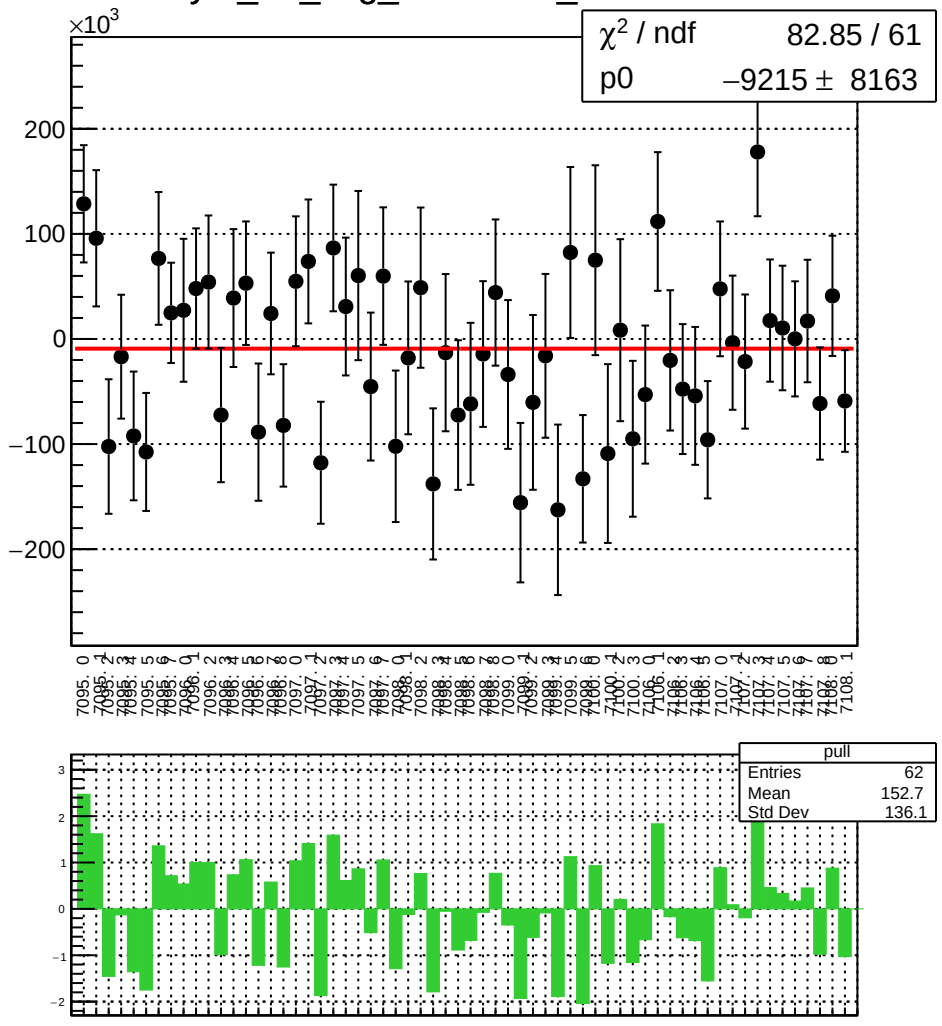

pull1D
Entries 62
Mean −0.0116
Std Dev 1.078
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

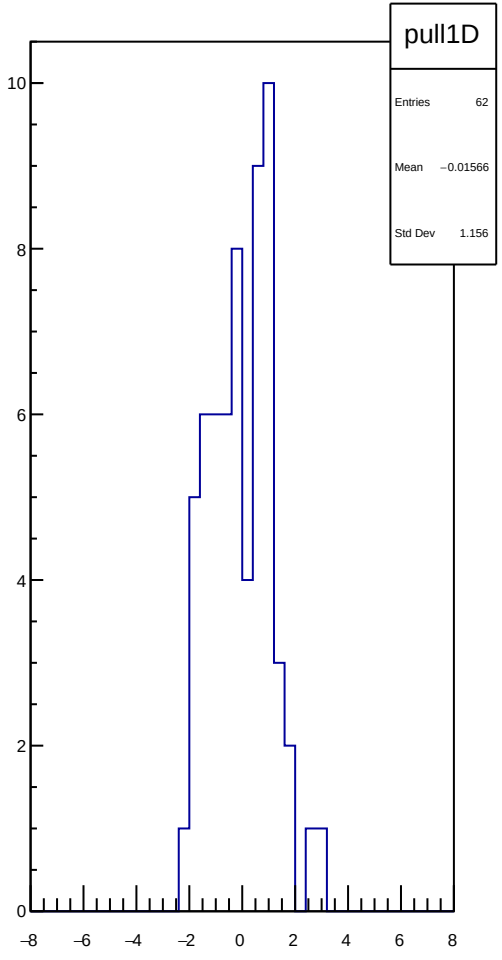

asym_atl_dd_rms vs run
χ^2 / ndf 1.494e+04 / 61
p0 6431 ± 5.972
8500
8000
7500
7000
6500
6000
5500
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7100. 4
7100. 5
7100. 6
7100. 7
7100. 8
7100. 9
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7106. 6
7106. 7
7106. 8
7106. 9
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

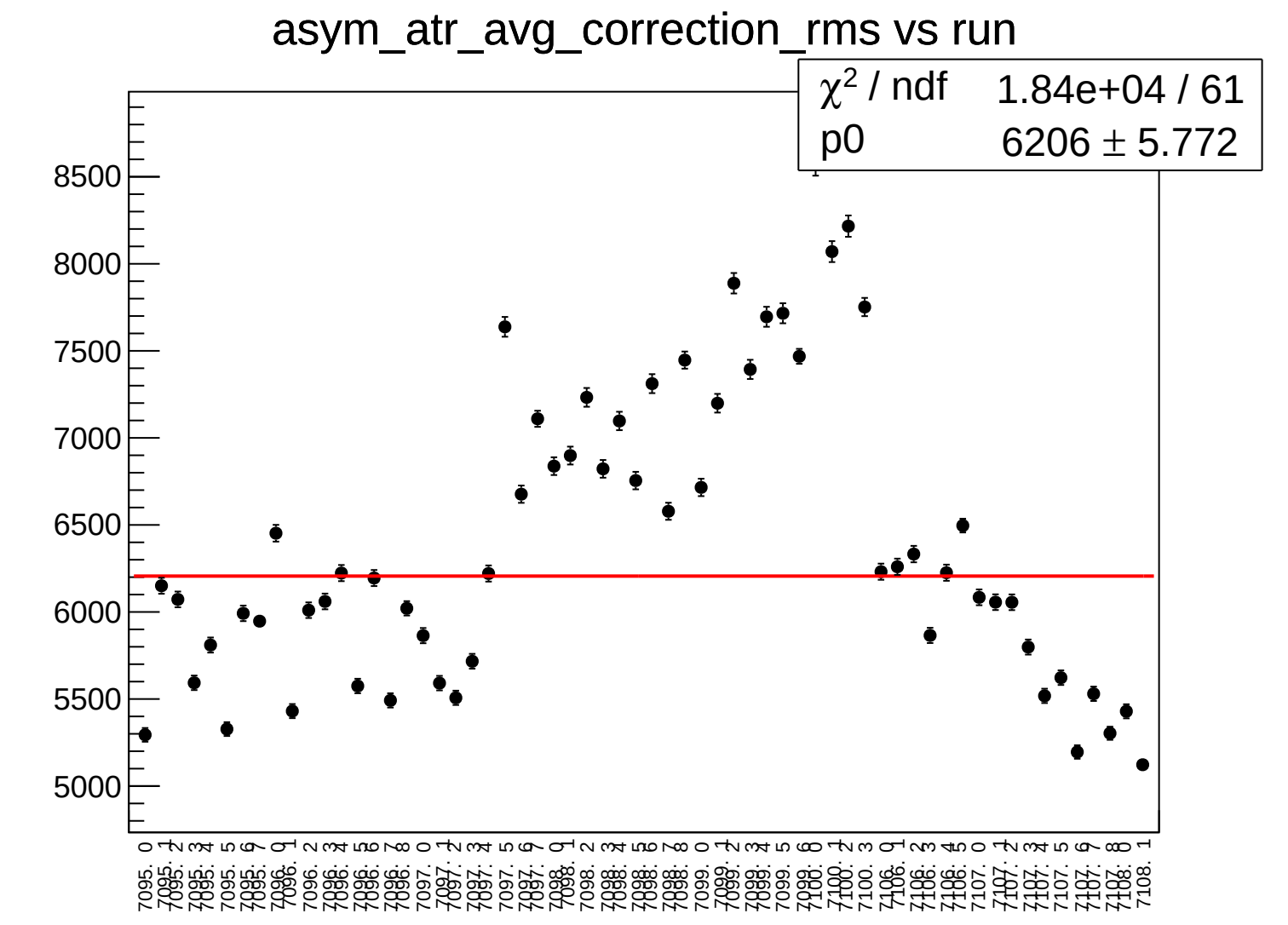

dit_asym_atr_avg_mean vs run
×10^3
χ² / ndf 74.86 / 61
p0 88.8 ± 2583
pull
Entries 62
Mean 38.61
Std Dev 39.41

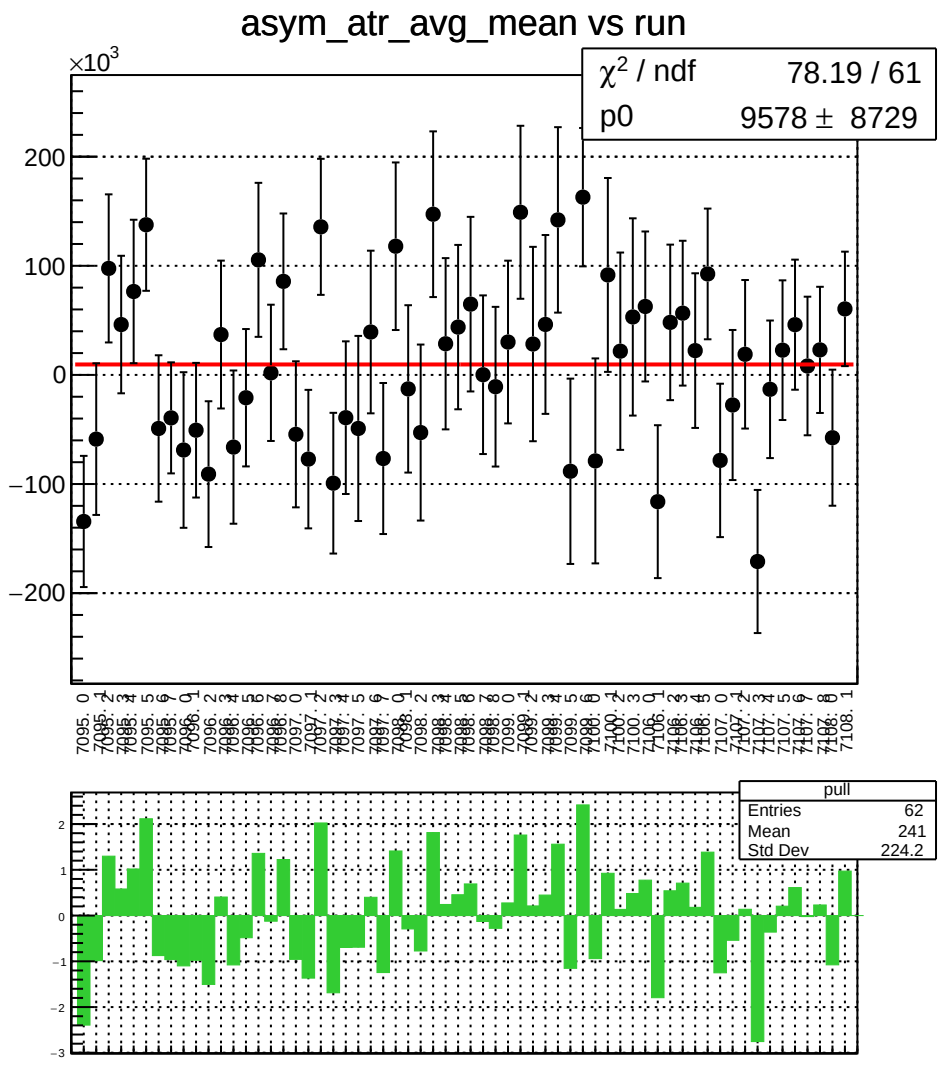

pull1D
Entries 62
Mean −0.0115
Std Dev 1.099

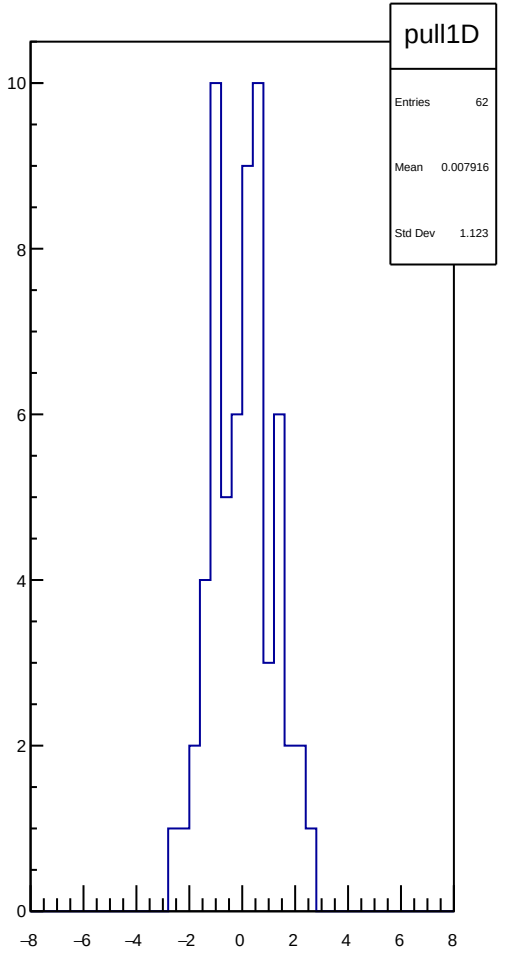

dit_asym_atr_avg_rms vs run
χ^2 / ndf 8692 / 61
p0 1972 ± 1.827
5500
5000
4500
4000
3500
3000
2500
2000
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7106. 6
7106. 7
7106. 8
7106. 9
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

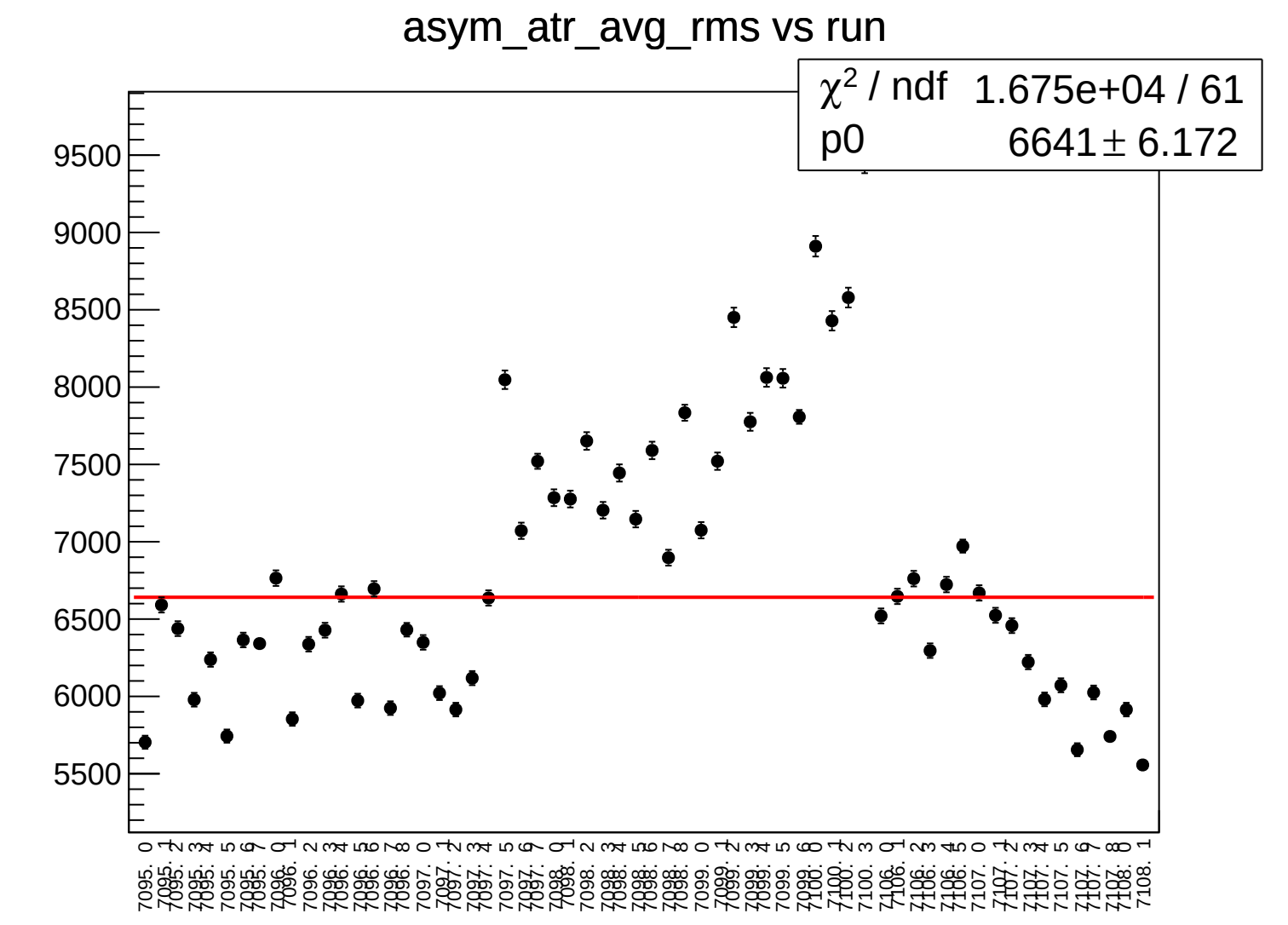

asym_atr_avg_correction_mean vs run
×10^3
χ^2 / ndf 82.85 / 61
p0 −9215 ± 8163
200
100
0
−100
−200
pull
Entries 62
Mean 152.7
Std Dev 136.1
3
2
1
0
−1
−2

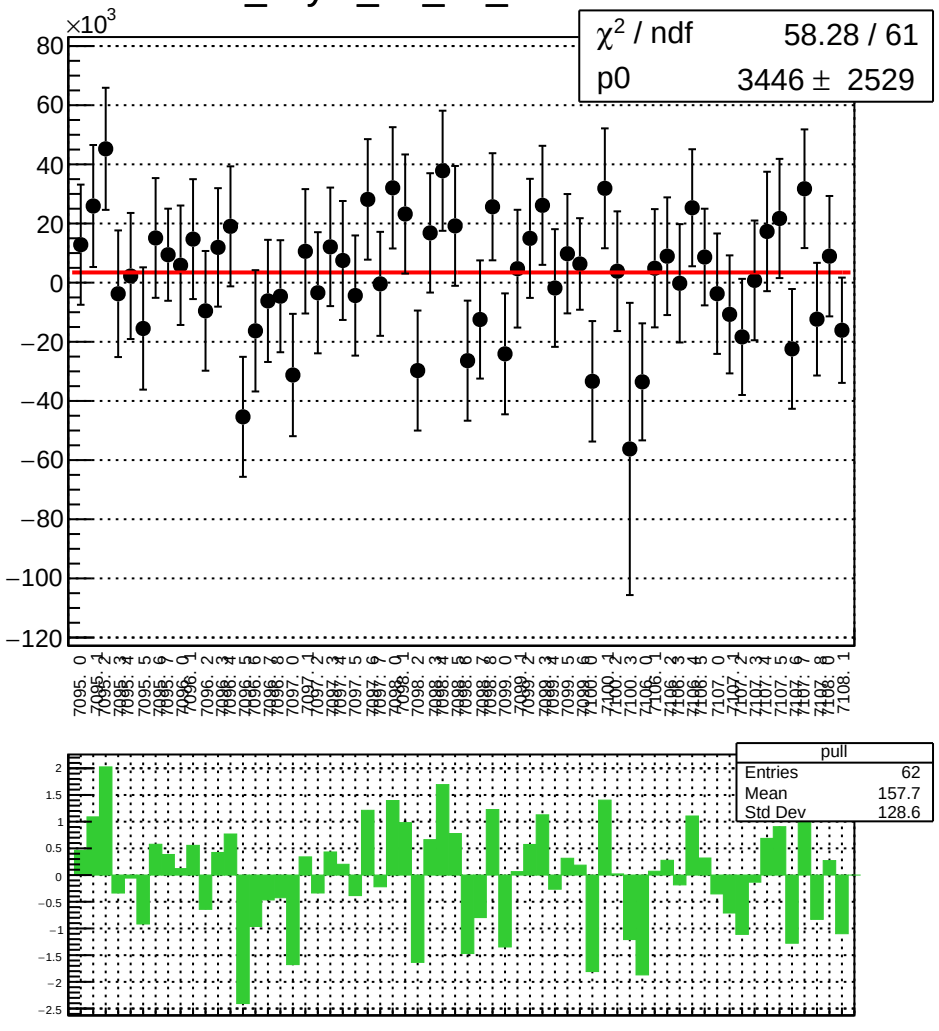

pull1D
Entries 62
Mean −0.01566
Std Dev 1.156
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

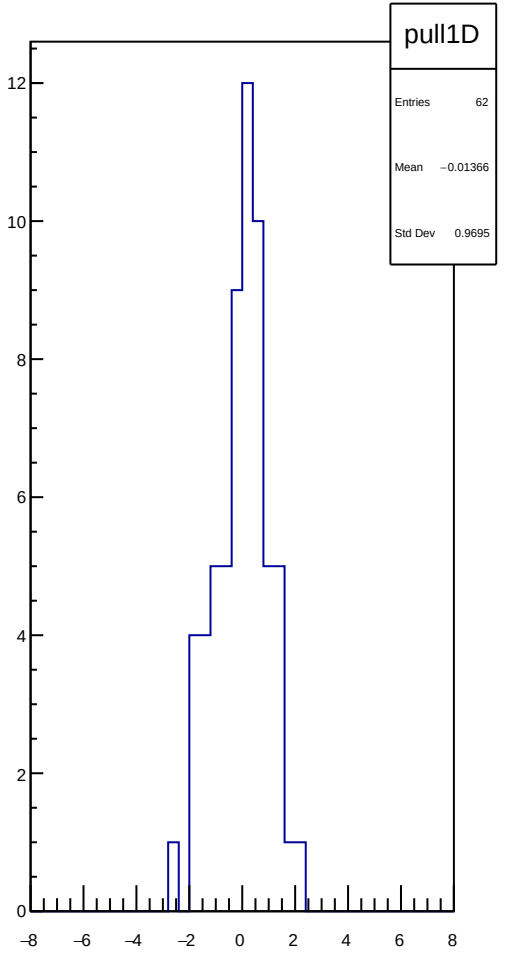

asym_atr_avg_correction_rms vs run
χ² / ndf 1.84e+04 / 61
p0 6206 ± 5.772
8500
8000
7500
7000
6500
6000
5500
5000

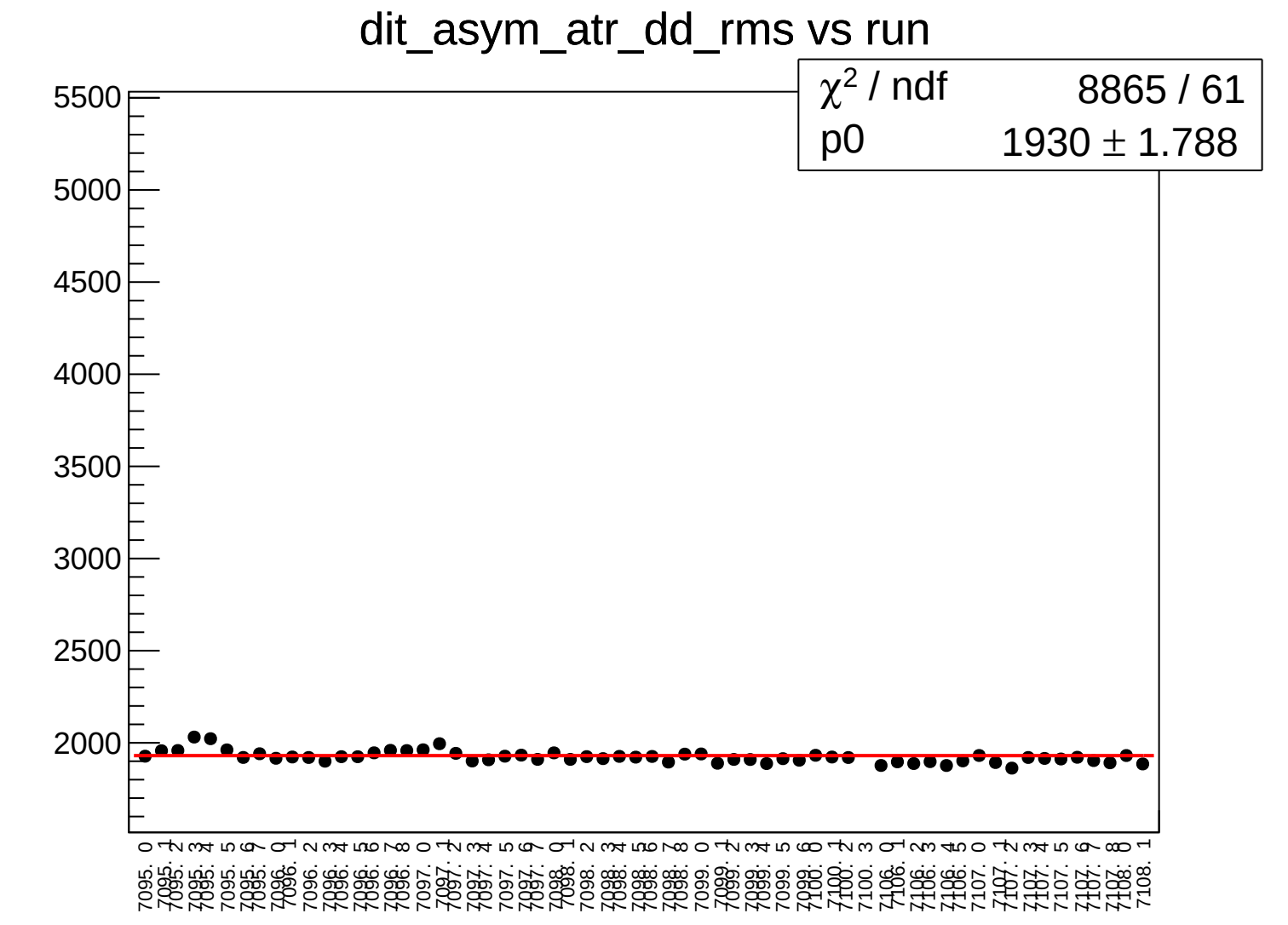

asym_atr_avg_mean vs run
×10^3
χ² / ndf 78.19 / 61
p0 9578 ± 8729
200
100
0
−100
−200
pull
Entries 62
Mean 241
Std Dev 224.2
2
1
0
−1
−2
−3

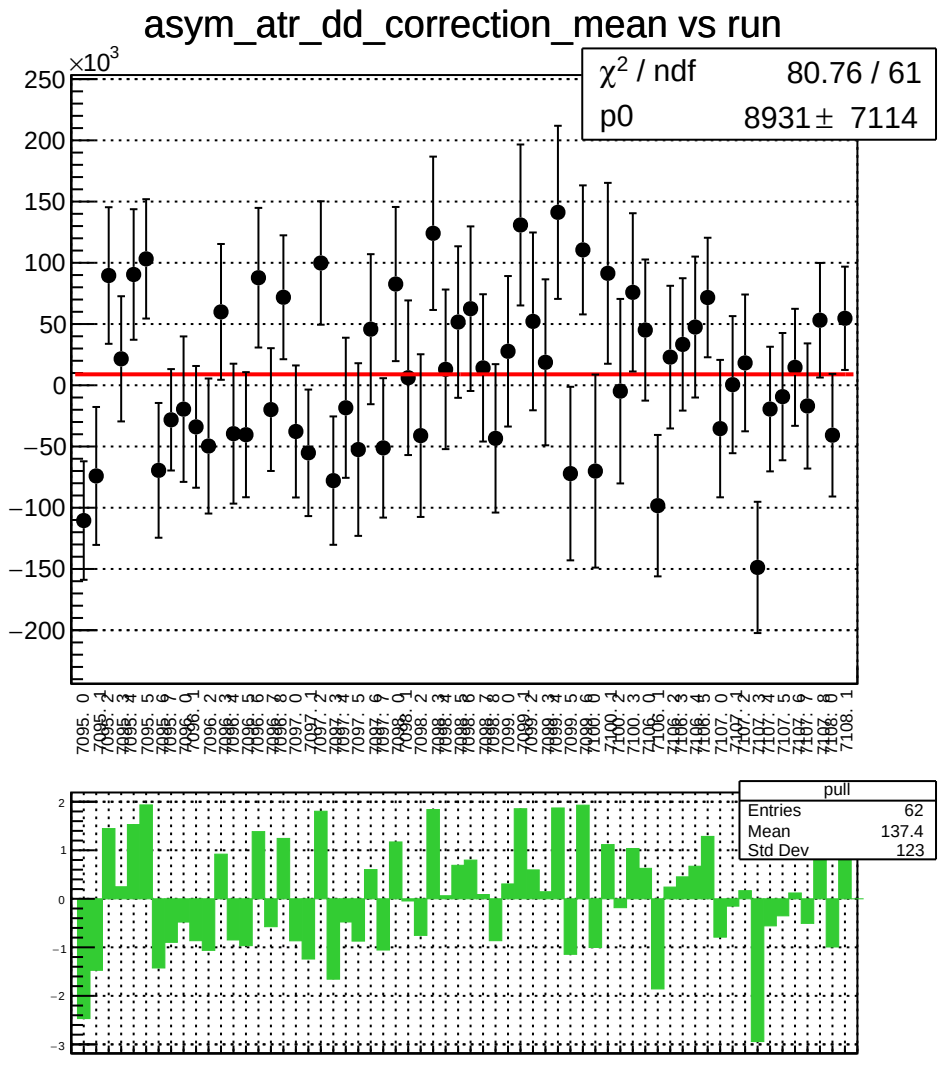

pull1D
Entries 62
Mean 0.007916
Std Dev 1.123
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

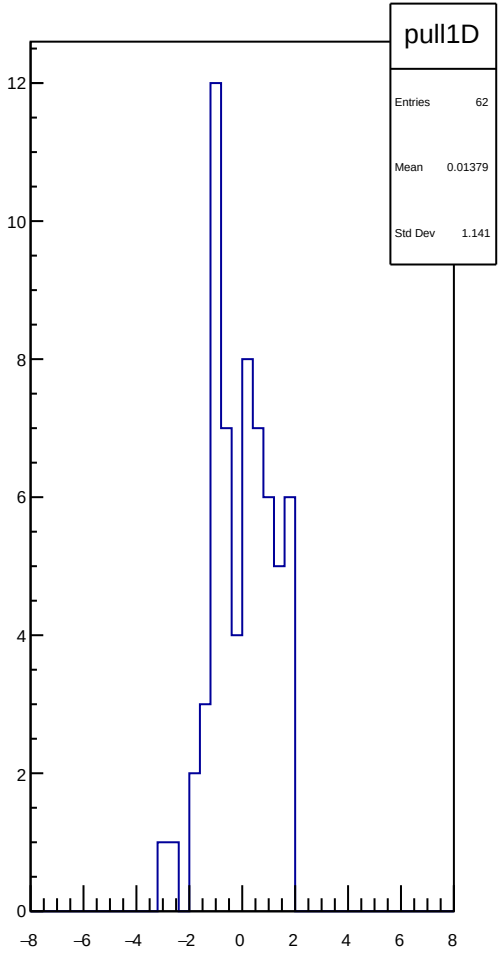

asym_atr_avg_rms vs run
χ^2 / ndf 1.675e+04 / 61
p0 6641 ± 6.172
9500
9000
8500
8000
7500
7000
6500
6000
5500

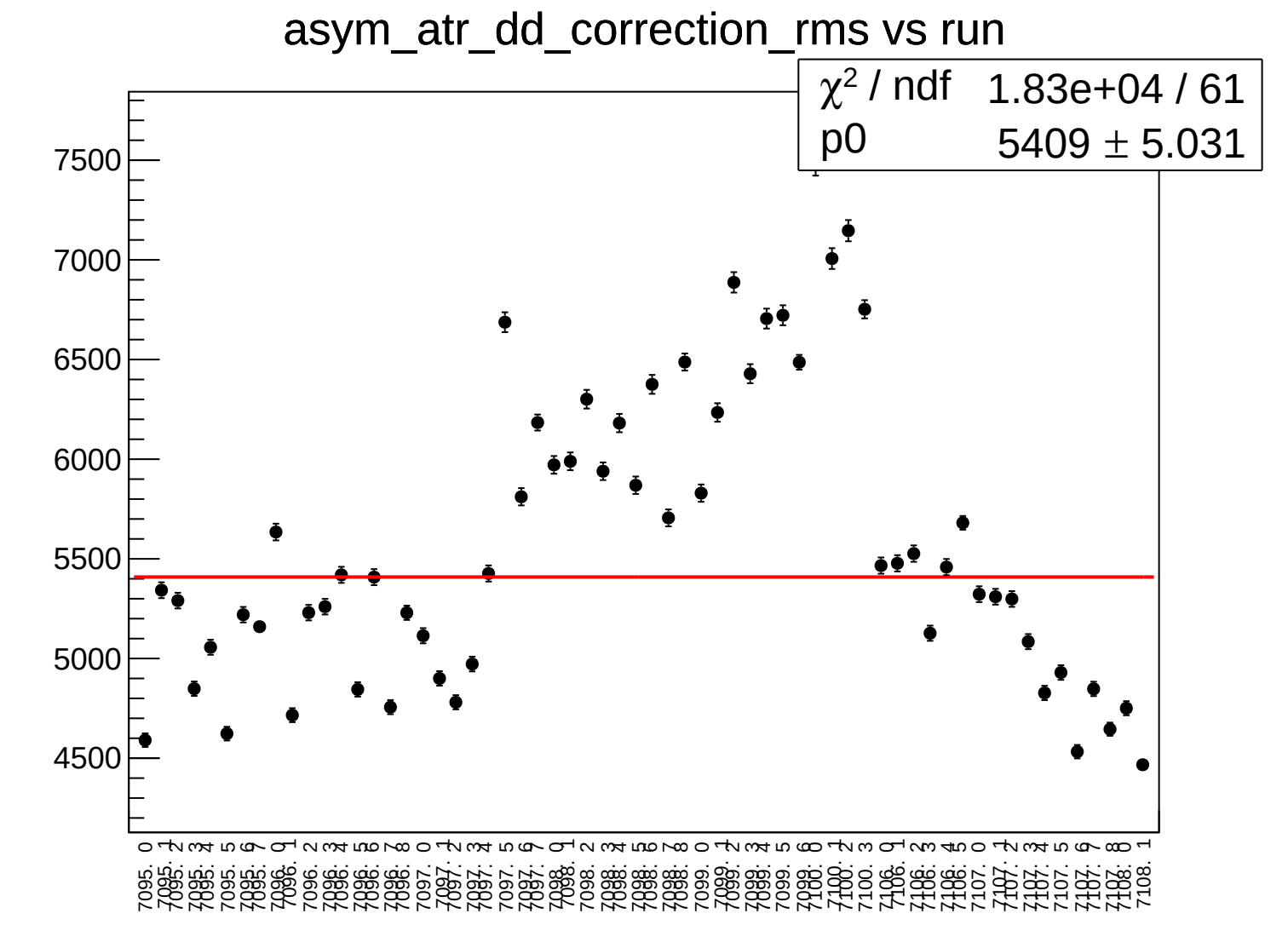

dit_asym_atr_dd_mean vs run
χ^2 / ndf 58.28 / 61
p0 3446 ± 2529
pull
Entries 62
Mean 157.7
Std Dev 128.6

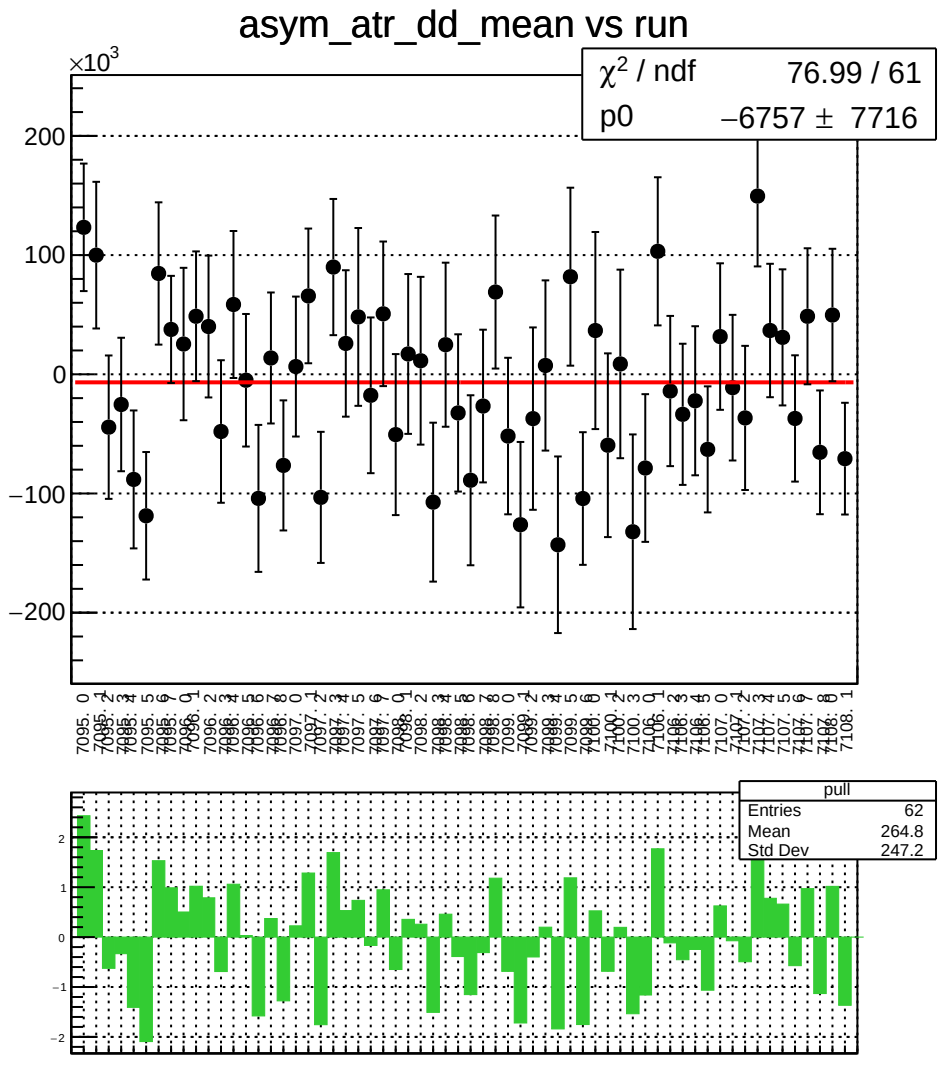

pull1D
Entries 62
Mean −0.01366
Std Dev 0.9695

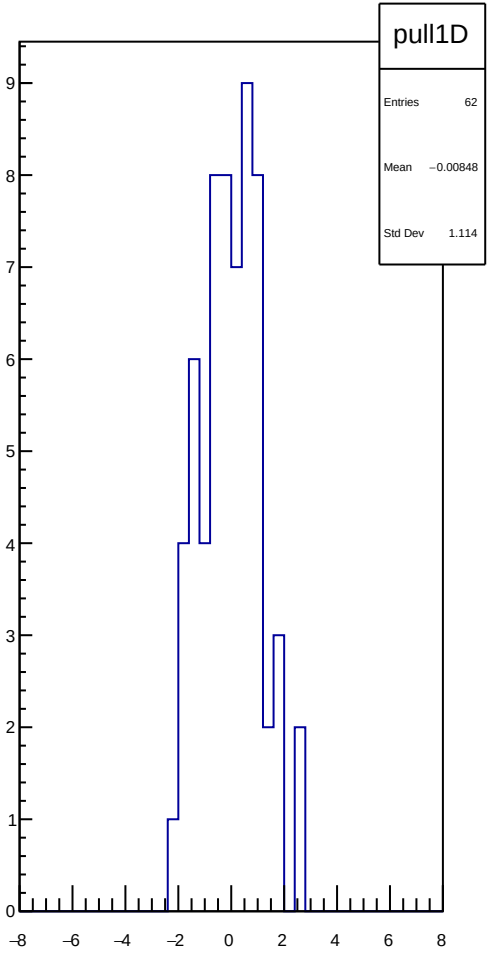

dit_asym_atr_dd_rms vs run
χ^2 / ndf 8865 / 61
p0 1930 ± 1.788
5500
5000
4500
4000
3500
3000
2500
2000

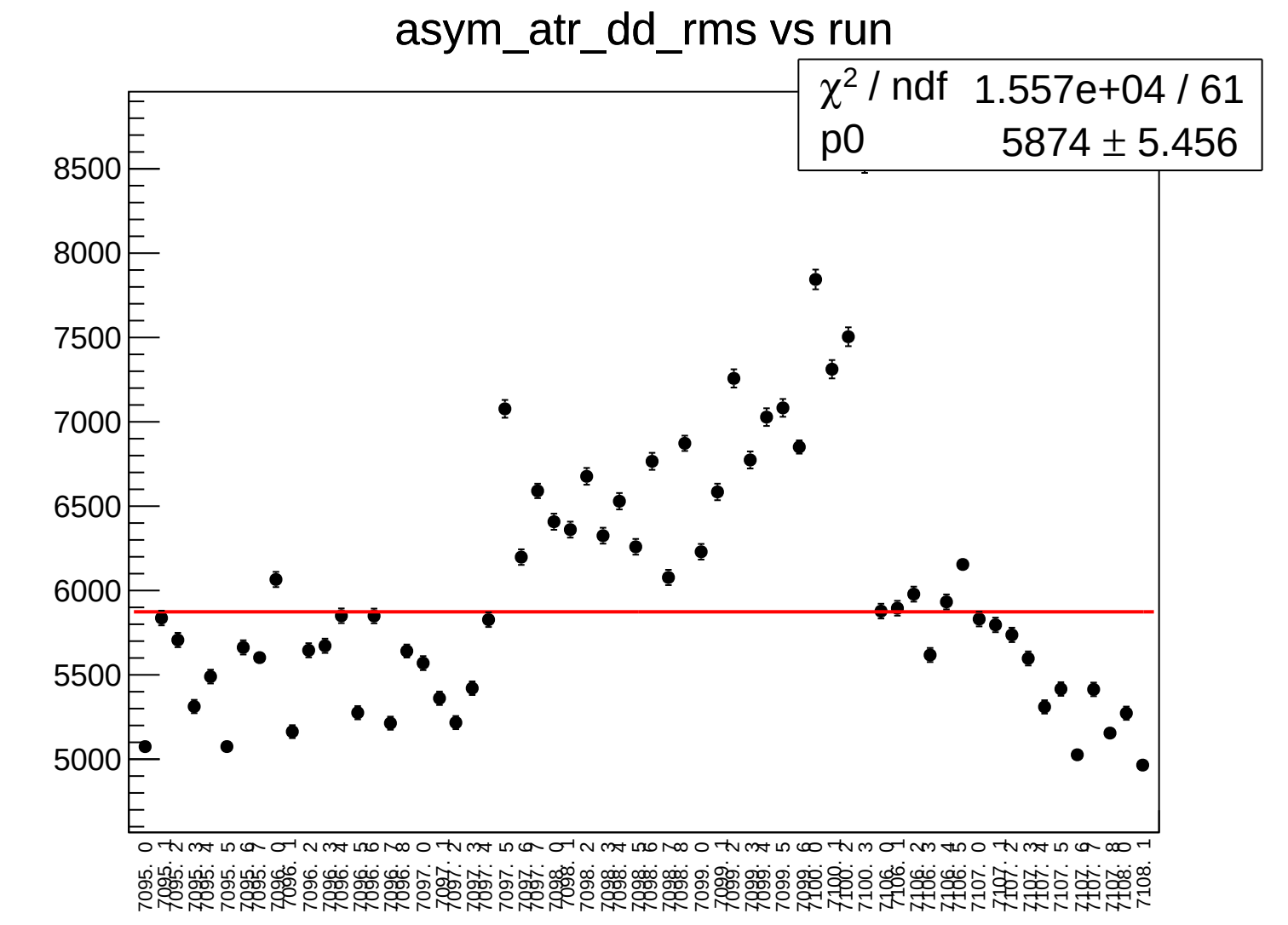

asym_atr_dd_correction_mean vs run
×10^3
χ^2 / ndf 80.76 / 61
p0 8931 ± 7114
pull
Entries 62
Mean 137.4
Std Dev 123

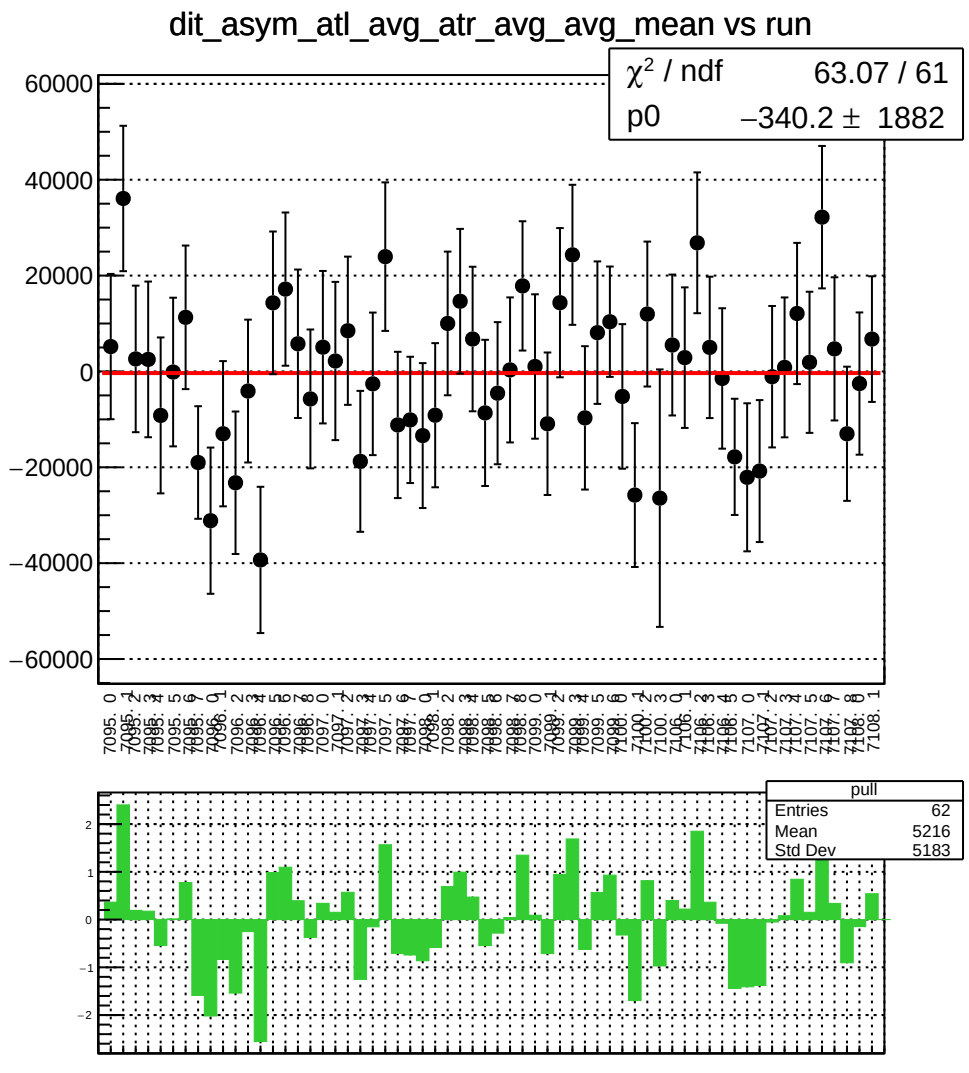

pull1D
Entries 62
Mean 0.01379
Std Dev 1.141

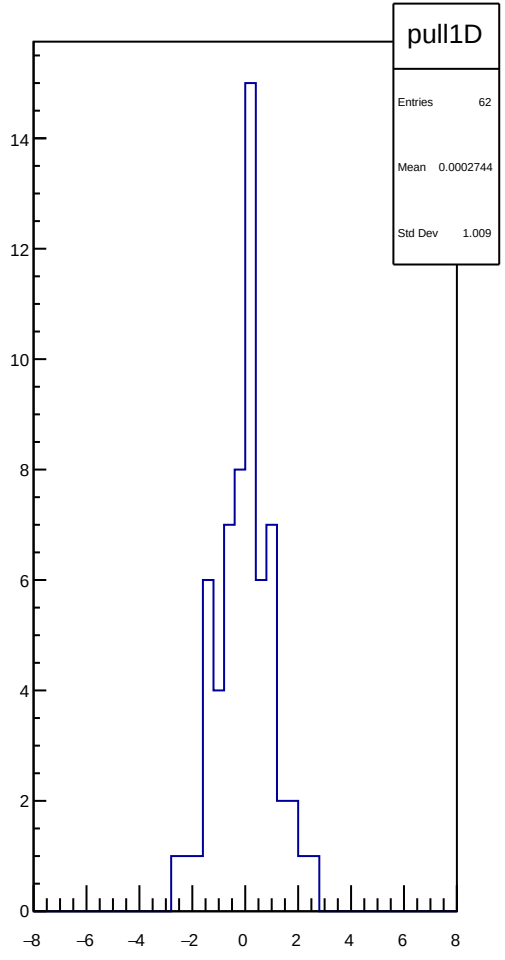

asym_atr_dd_correction_rms vs run
χ² / ndf 1.83e+04 / 61
p0 5409 ± 5.031
7500
7000
6500
6000
5500
5000
4500

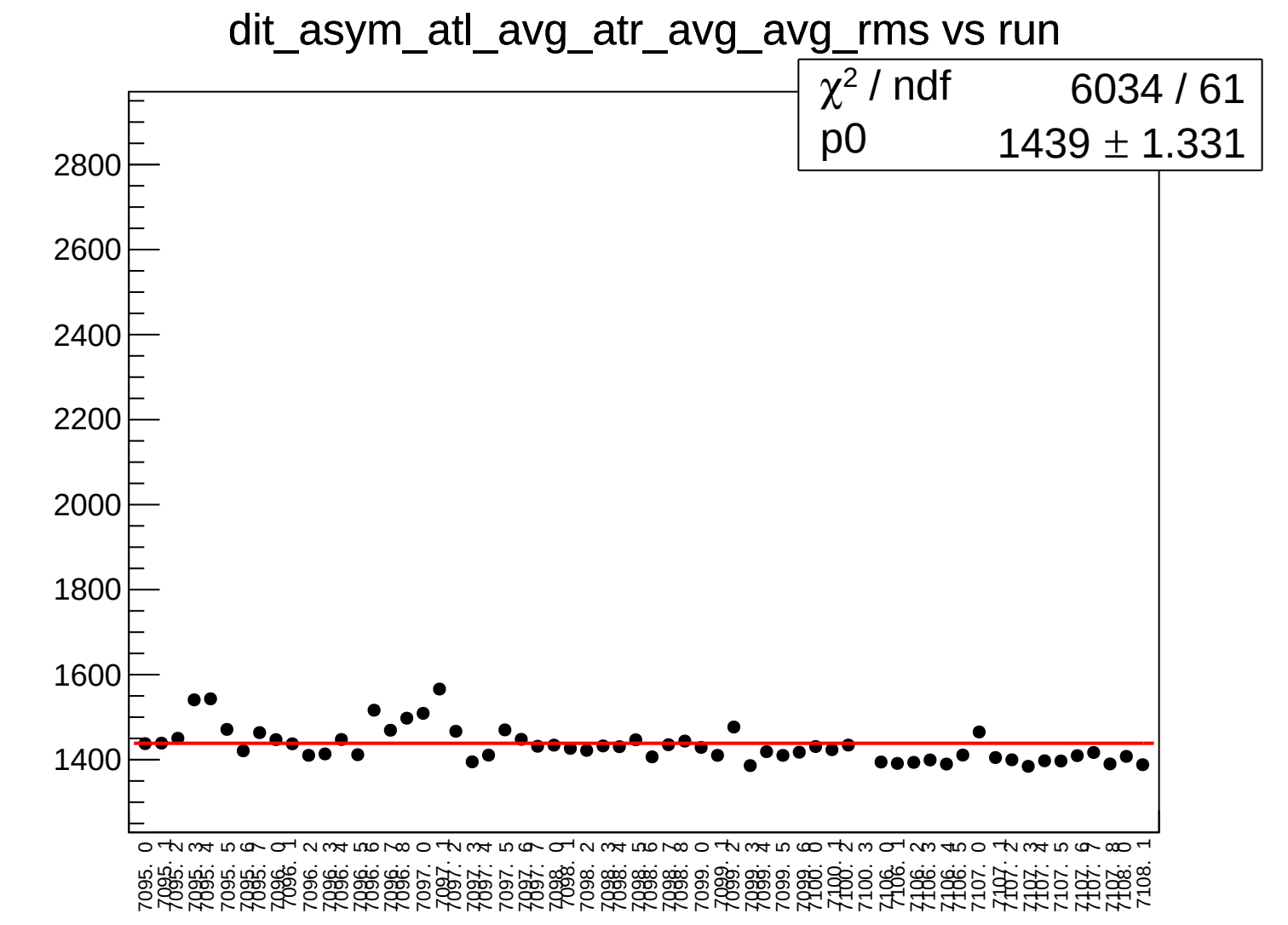

asym_atr_dd_mean vs run
×10^3
χ² / ndf 76.99 / 61
p0 −6757 ± 7716
200
100
0
−100
−200
pull
Entries 62
Mean 264.8
Std Dev 247.2
2
1
0
−1
−2

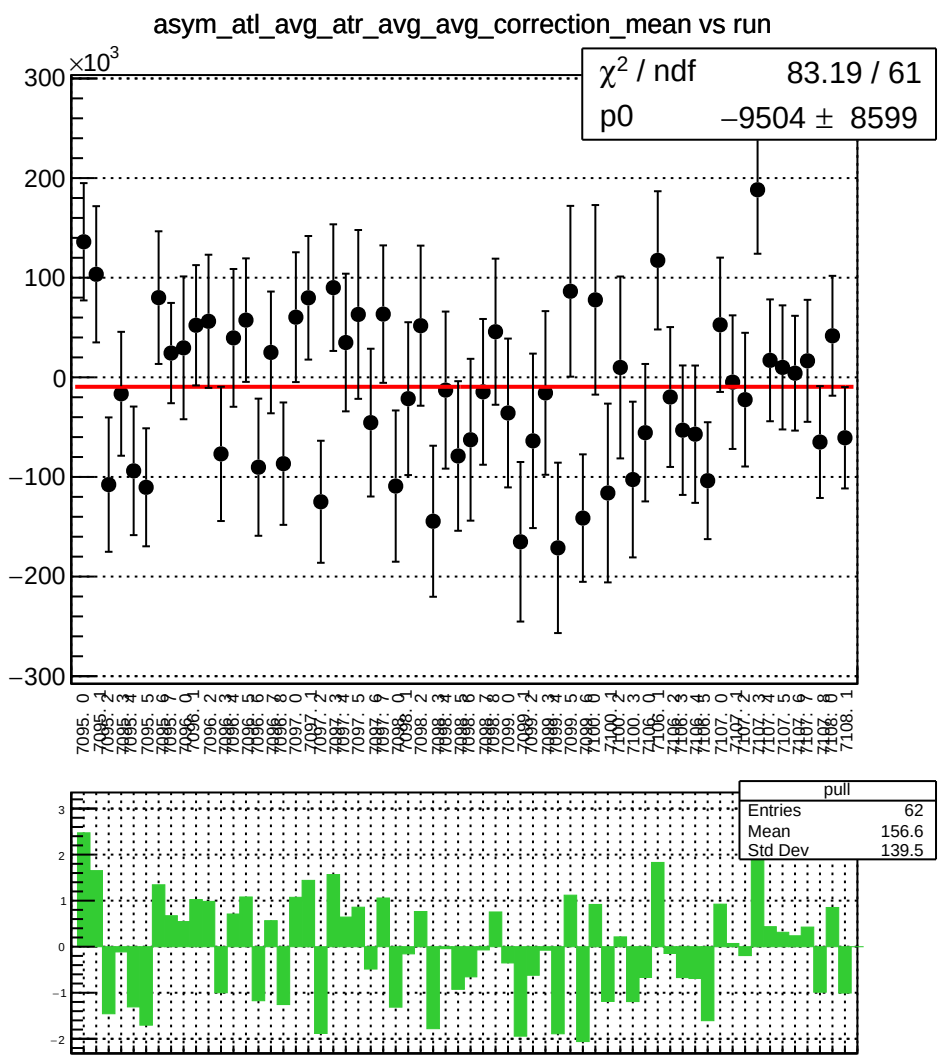

pull1D
Entries 62
Mean −0.00848
Std Dev 1.114
9
8
7
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

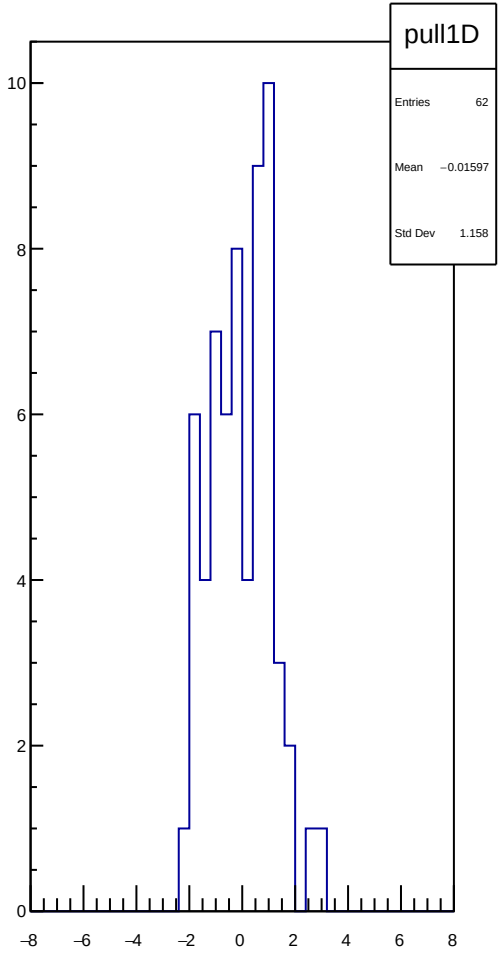

asym_atr_dd_rms vs run
χ² / ndf 1.557e+04 / 61
p0 5874 ± 5.456
8500
8000
7500
7000
6500
6000
5500
5000
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

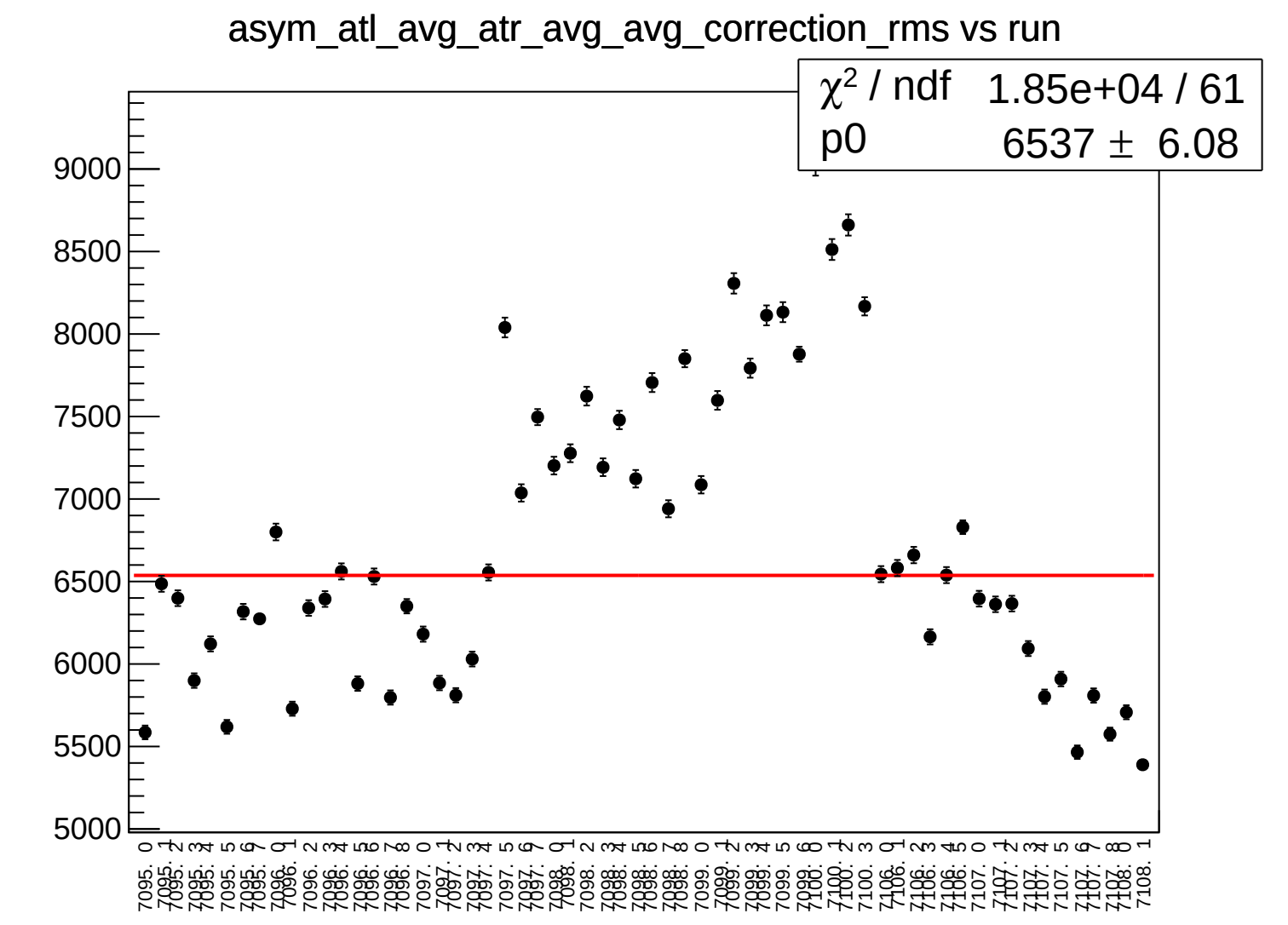

dit_asym_atl_avg_atr_avg_avg_mean vs run
χ² / ndf 63.07 / 61
p0 −340.2 ± 1882
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 62
Mean 5216
Std Dev 5183
2
1
0
−1
−2

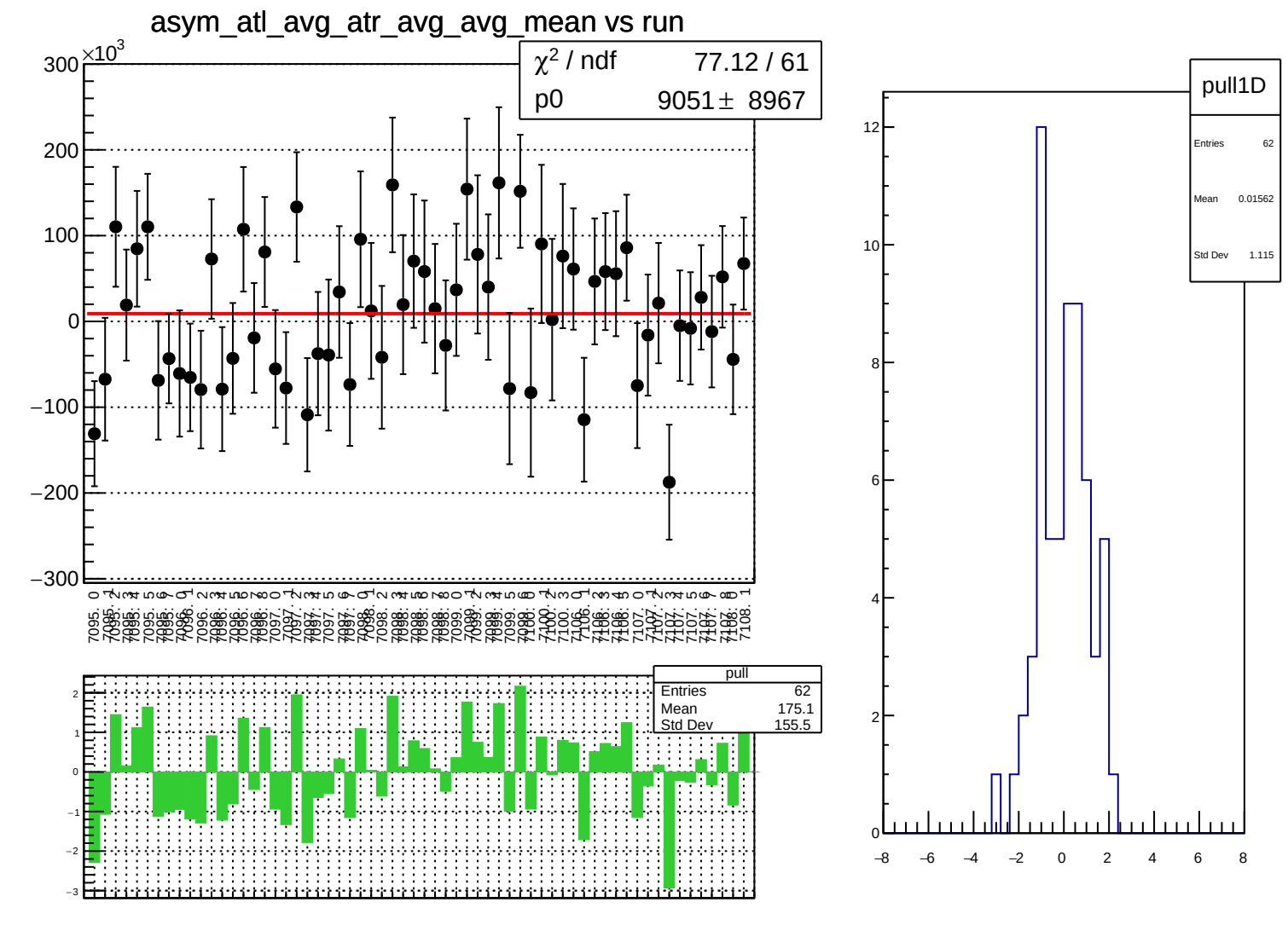

pull1D
Entries 62
Mean 0.0002744
Std Dev 1.009
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

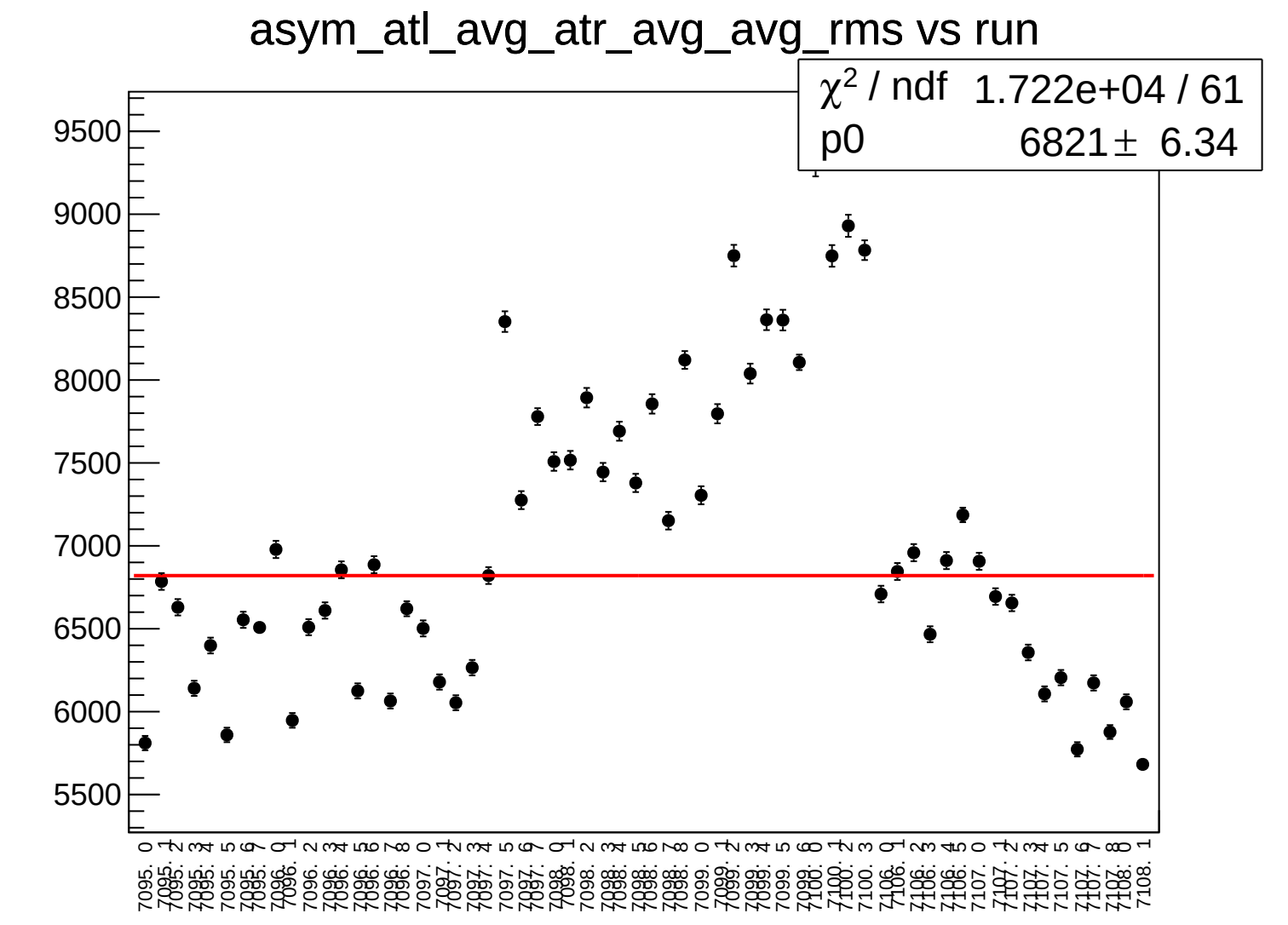

dit_asym_atl_avg_atr_avg_avg_rms vs run
χ² / ndf 6034 / 61
p0 1439 ± 1.331
2800
2600
2400
2200
2000
1800
1600
1400
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7106. 6
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7108. 0
7108. 1

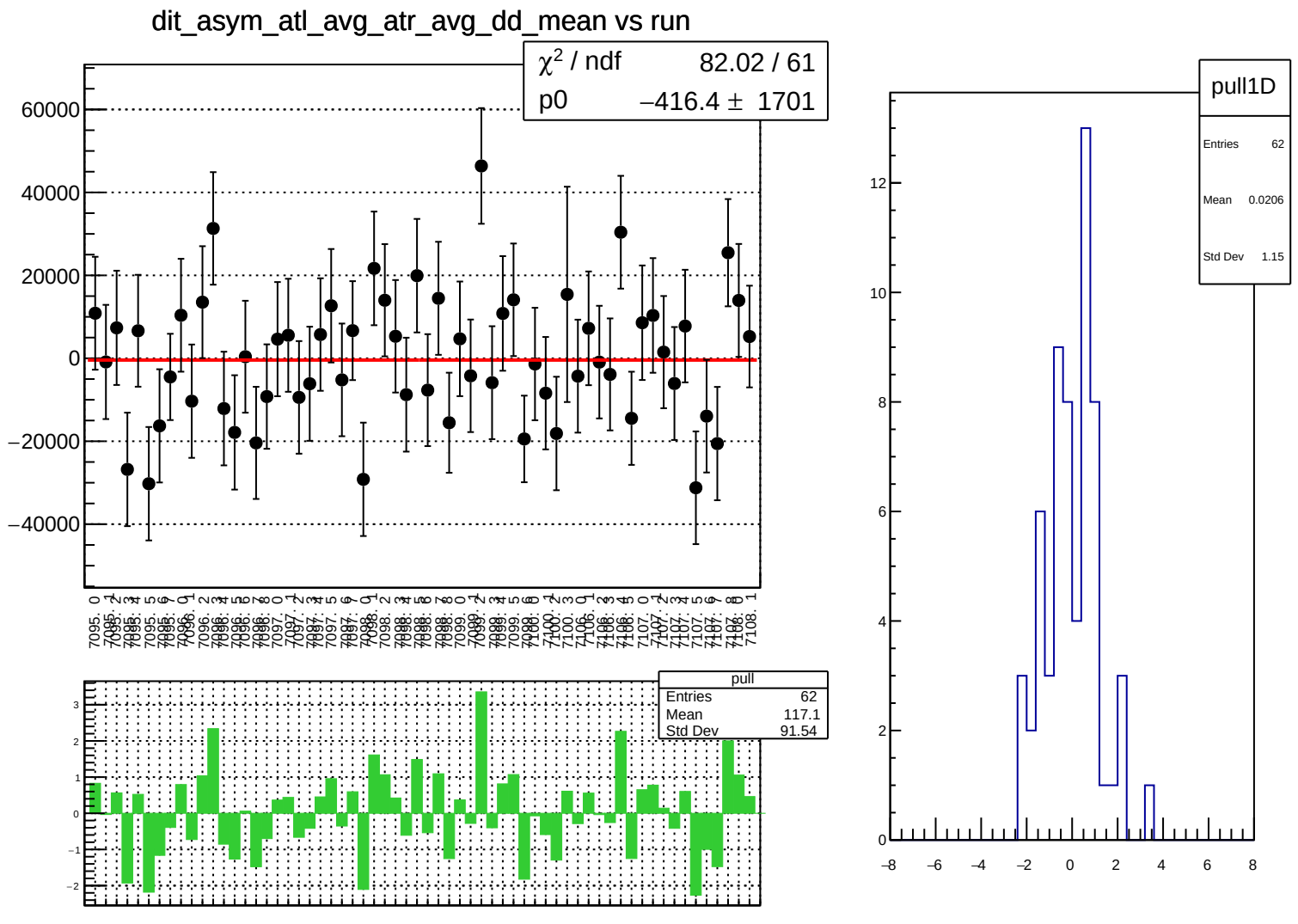

asym_atl_avg_atr_avg_avg_correction_mean vs run
χ² / ndf 83.19 / 61
p0 −9504 ± 8599
pull
Entries 62
Mean 156.6
Std Dev 139.5

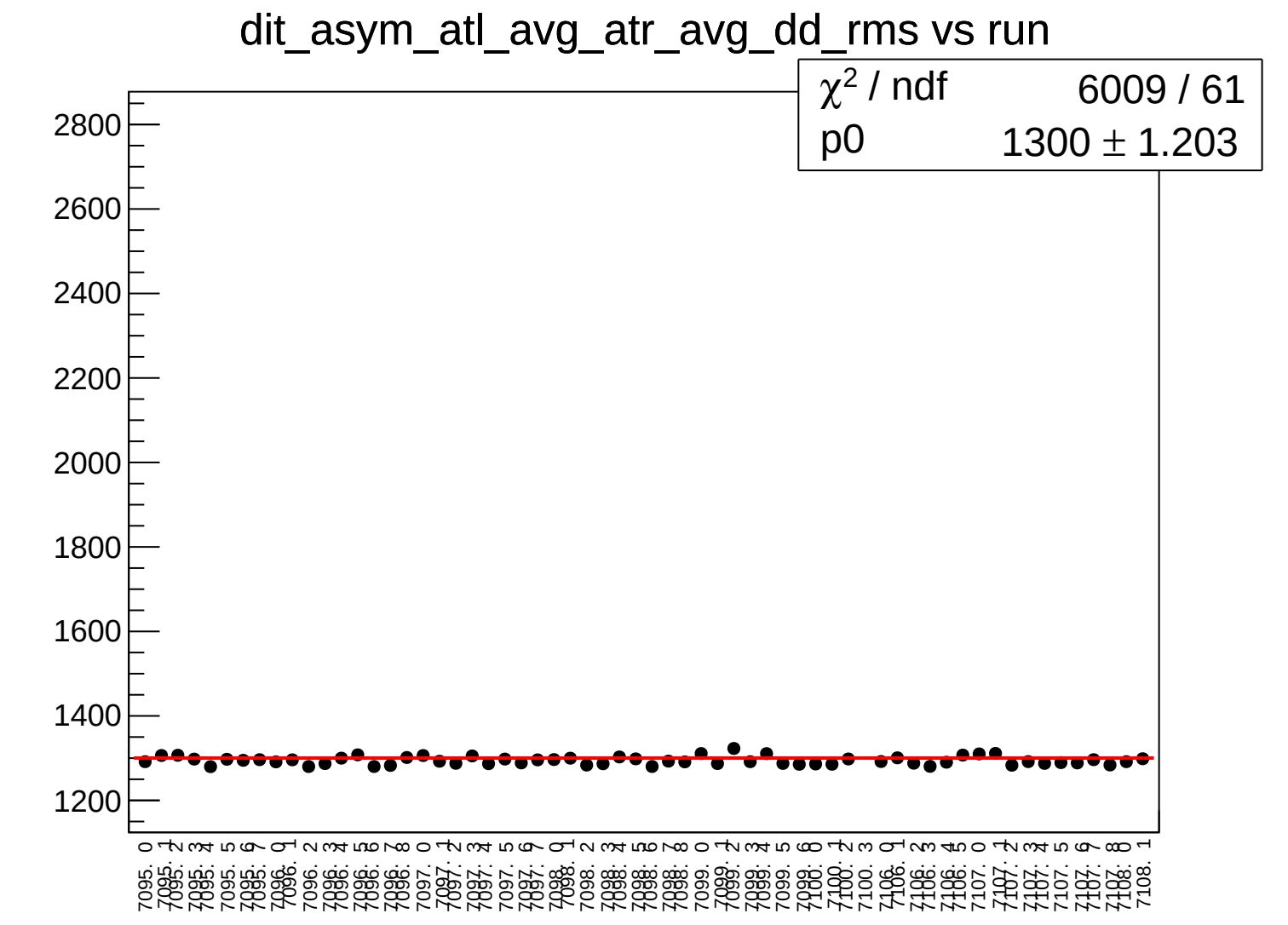

pull1D
Entries 62
Mean −0.01597
Std Dev 1.158

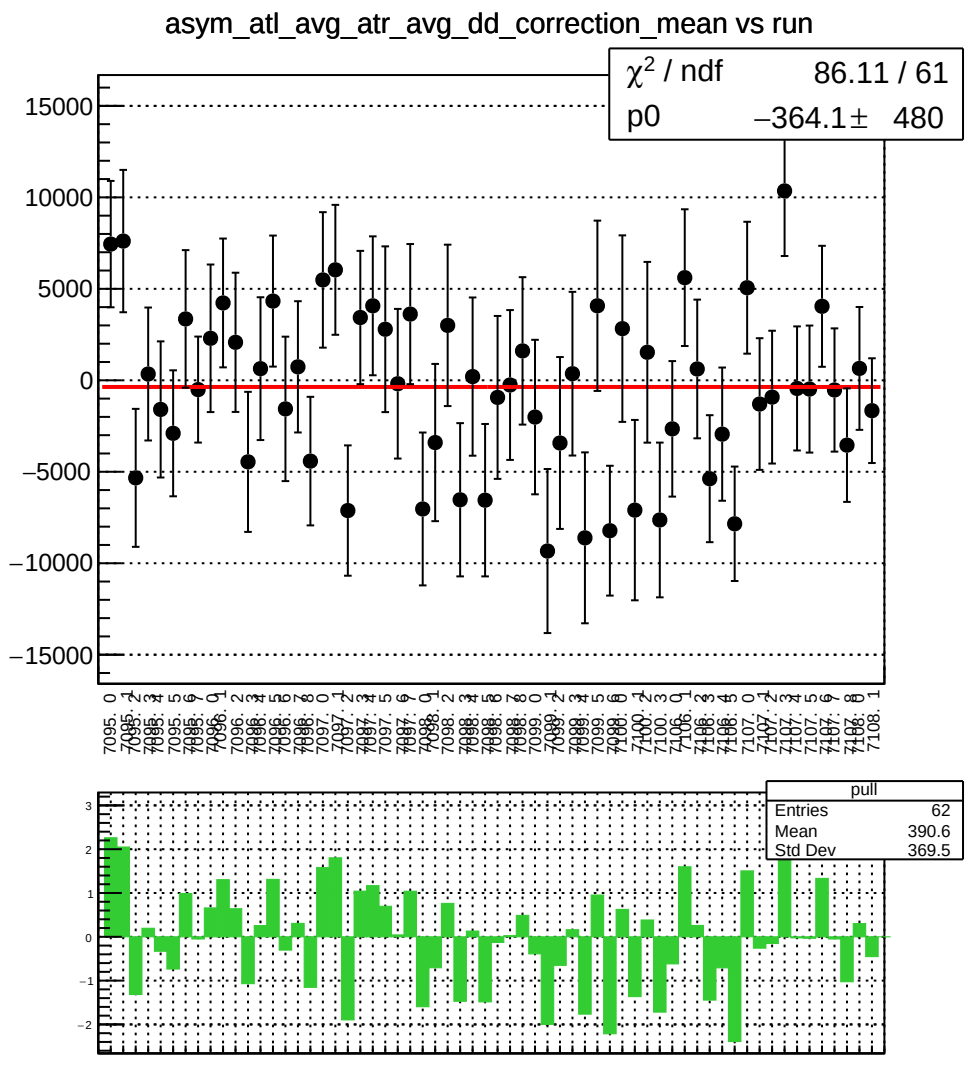

asym_atl_avg_atr_avg_avg_correction_rms vs run
χ² / ndf 1.85e+04 / 61
p0 6537 ± 6.08
9000
8500
8000
7500
7000
6500
6000
5500
5000

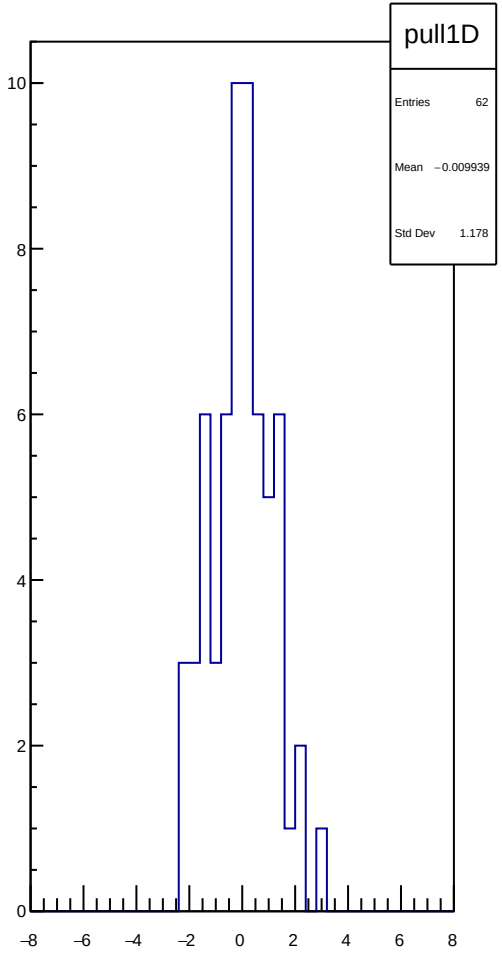

asym_atl_avg_atr_avg_avg_mean vs run
χ² / ndf 77.12 / 61
p0 9051 ± 8967
×10³
pull
Entries 62
Mean 175.1
Std Dev 155.5
pull1D
Entries 62
Mean 0.01562
Std Dev 1.115

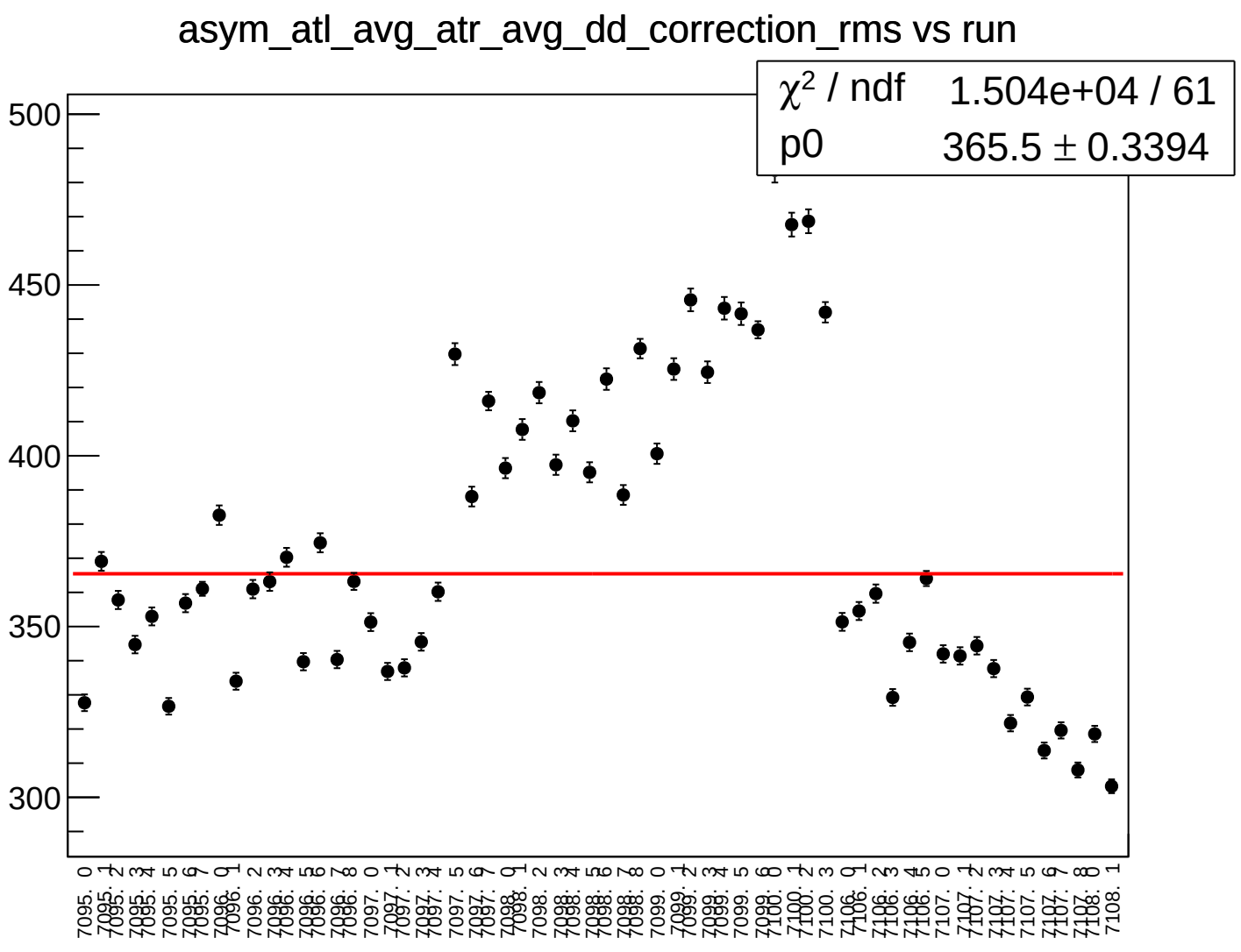

asym_atl_avg_atr_avg_avg_rms vs run
χ² / ndf 1.722e+04 / 61
p0 6821 ± 6.34
9500
9000
8500
8000
7500
7000
6500
6000
5500

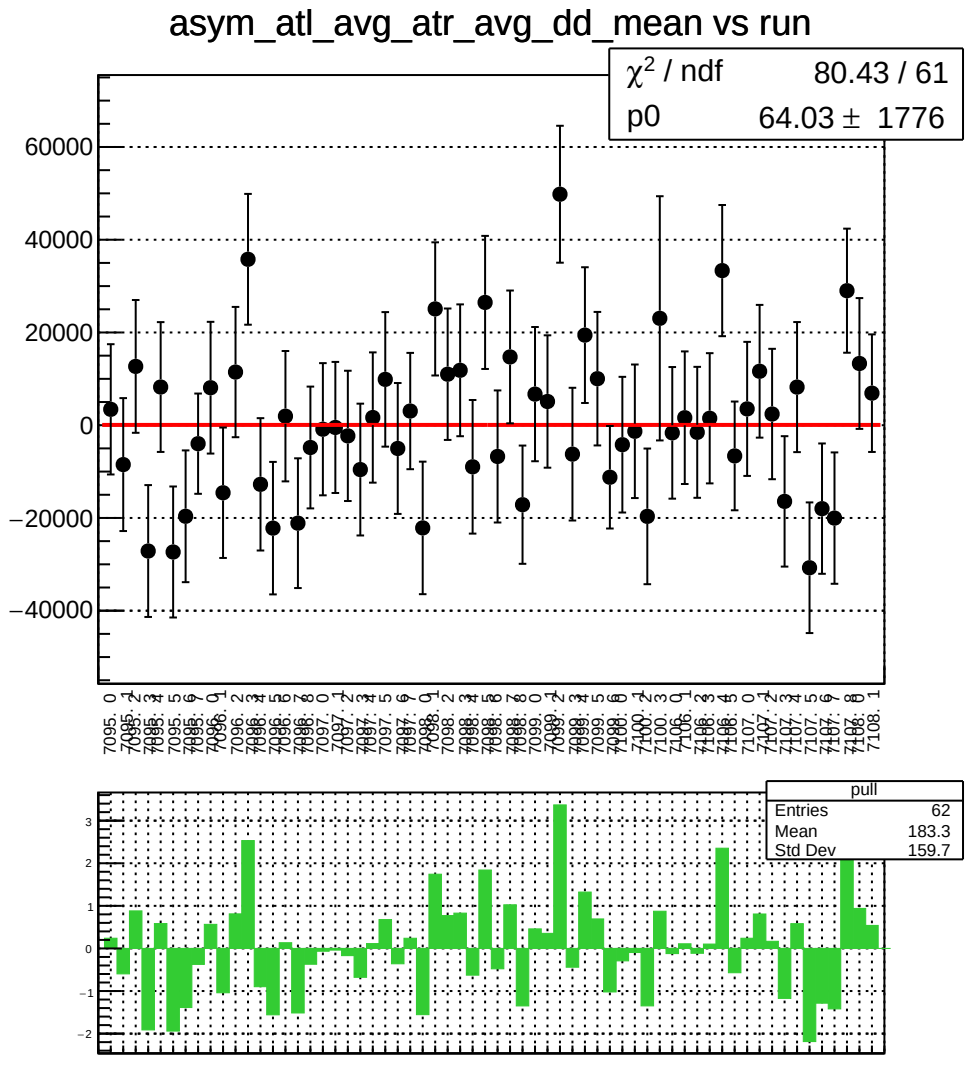

dit_asym_atl_avg_atr_avg_dd_mean vs run
χ² / ndf 82.02 / 61
p0 −416.4 ± 1701
60000
40000
20000
0
−20000
−40000
pull
Entries 62
Mean 117.1
Std Dev 91.54
pull1D
Entries 62
Mean 0.0206
Std Dev 1.15

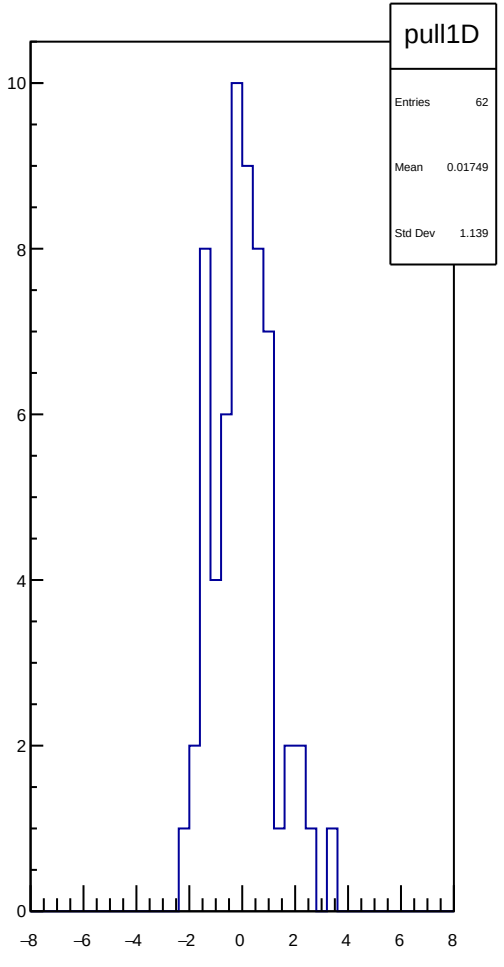

dit_asym_atl_avg_atr_avg_dd_rms vs run
χ² / ndf 6009 / 61
p0 1300 ± 1.203
2800
2600
2400
2200
2000
1800
1600
1400
1200
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

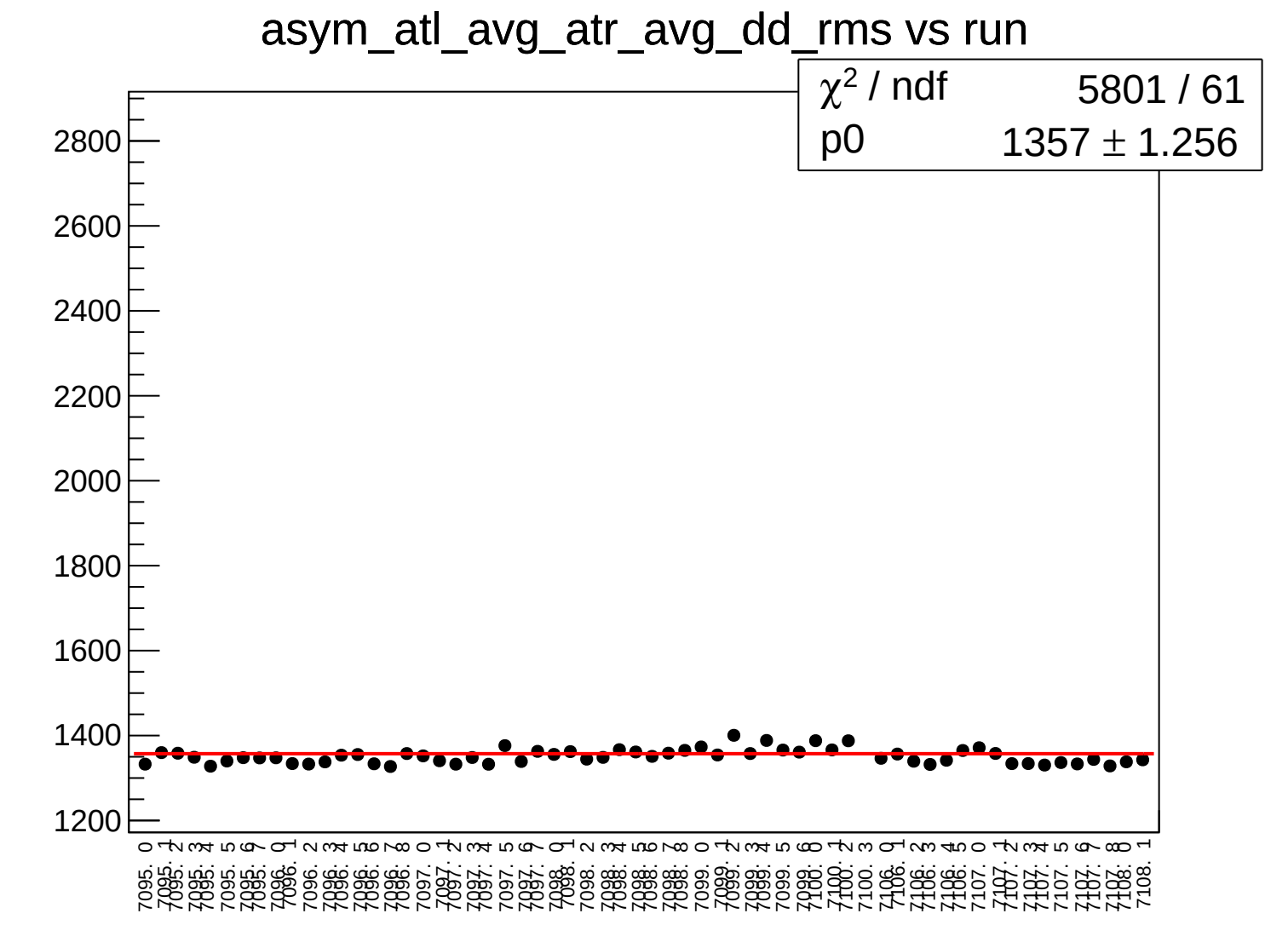

asym_atl_avg_atr_avg_dd_correction_mean vs run
χ² / ndf 86.11 / 61
p0 −364.1± 480
pull
Entries 62
Mean 390.6
Std Dev 369.5

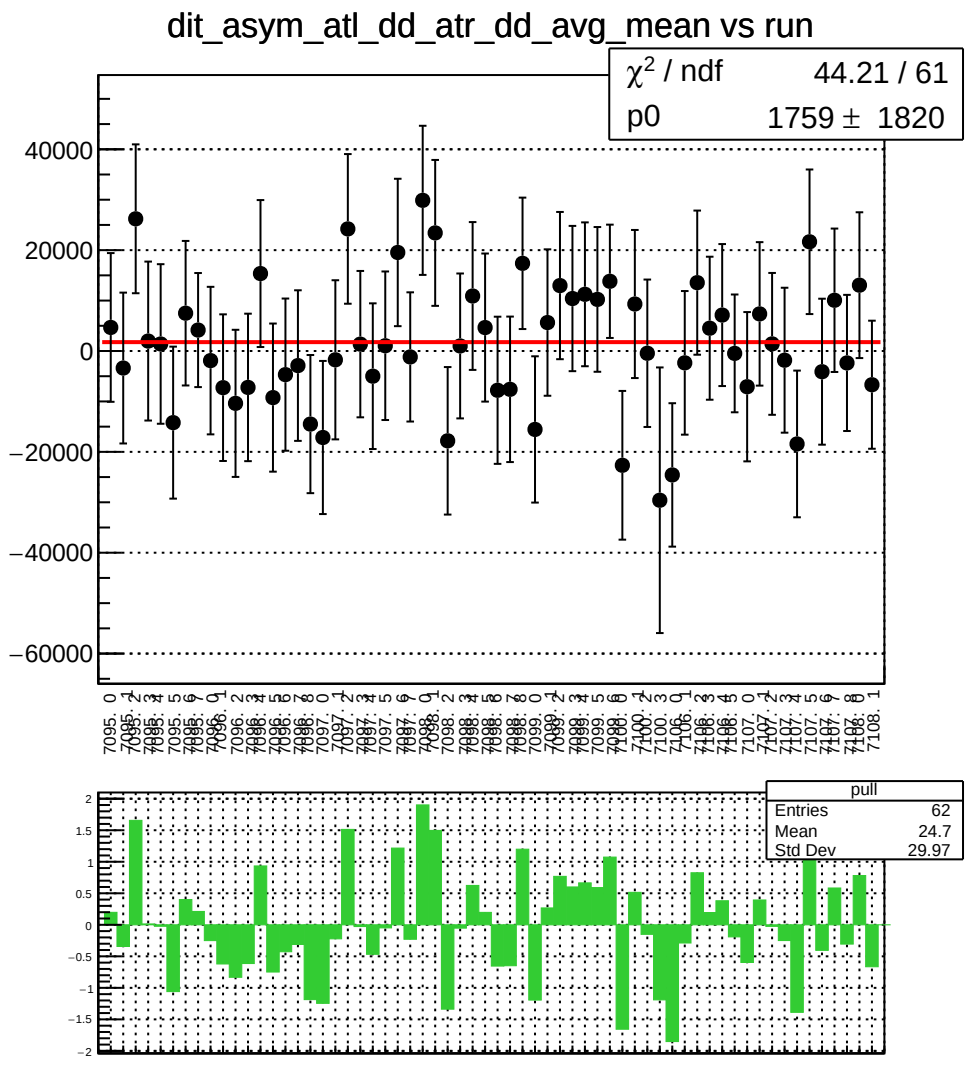

pull1D
Entries 62
Mean −0.009939
Std Dev 1.178

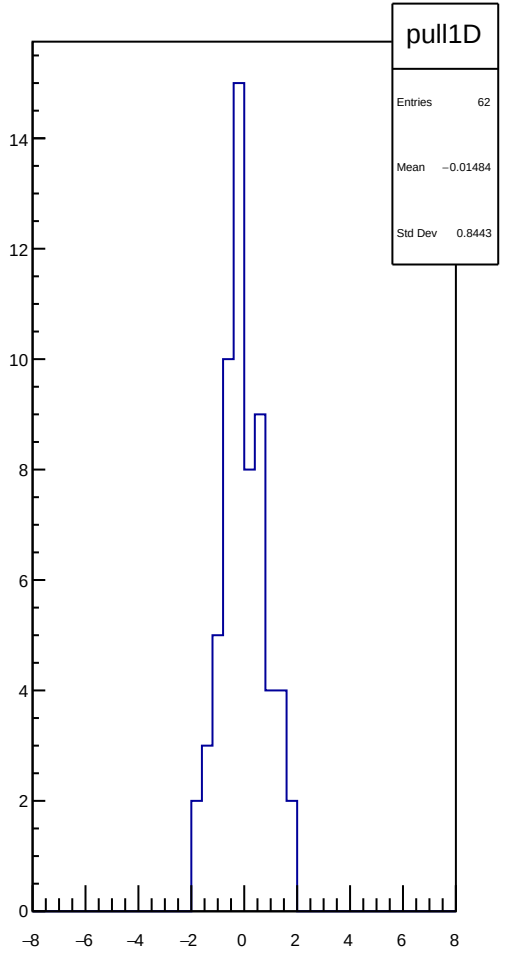

asym_atl_avg_atr_avg_dd_correction_rms vs run
χ² / ndf 1.504e+04 / 61
p0 365.5 ± 0.3394
500
450
400
350
300

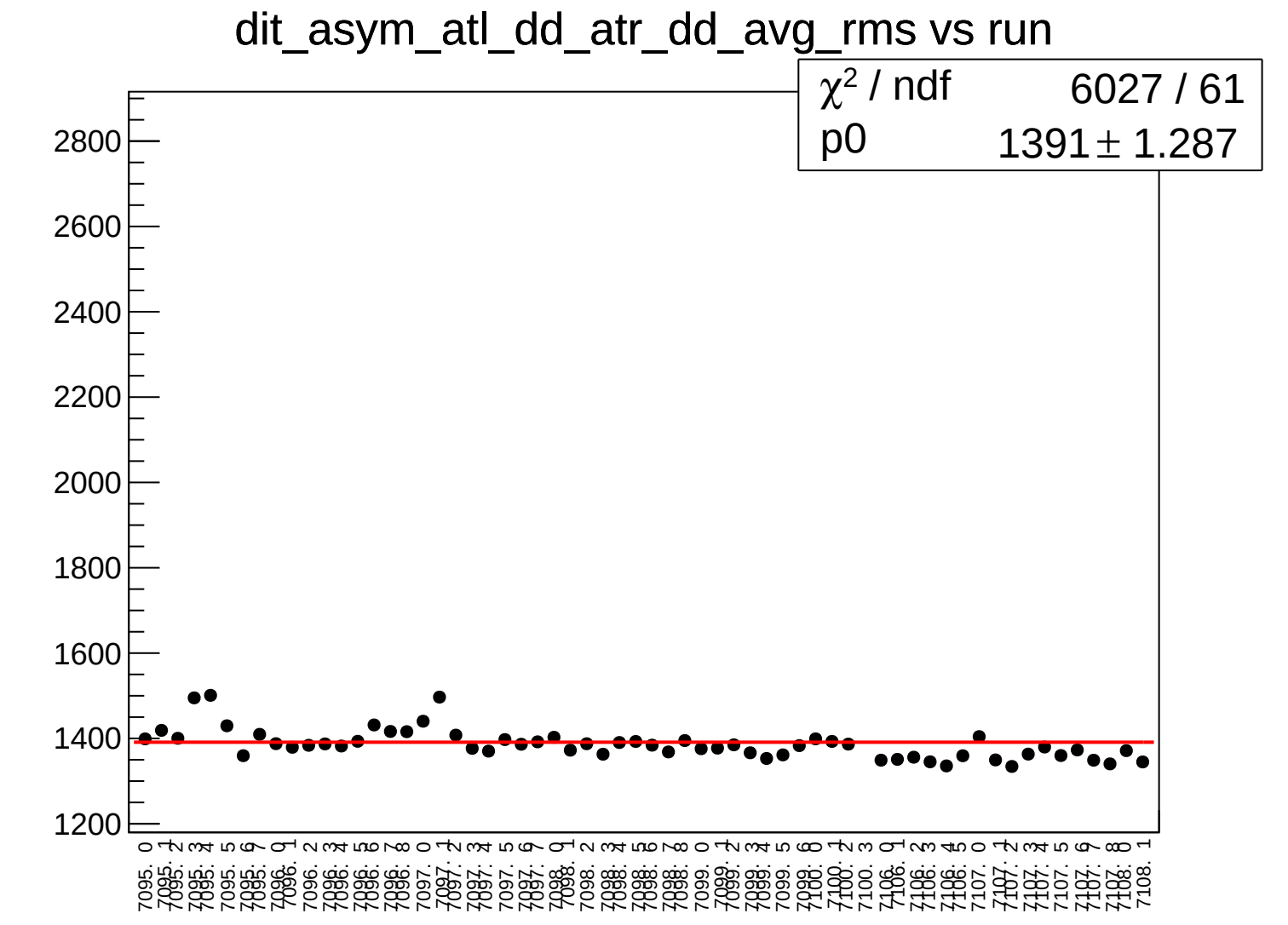

asym_atl_avg_atr_avg_dd_mean vs run
χ² / ndf 80.43 / 61
p0 64.03 ± 1776
pull
Entries 62
Mean 183.3
Std Dev 159.7

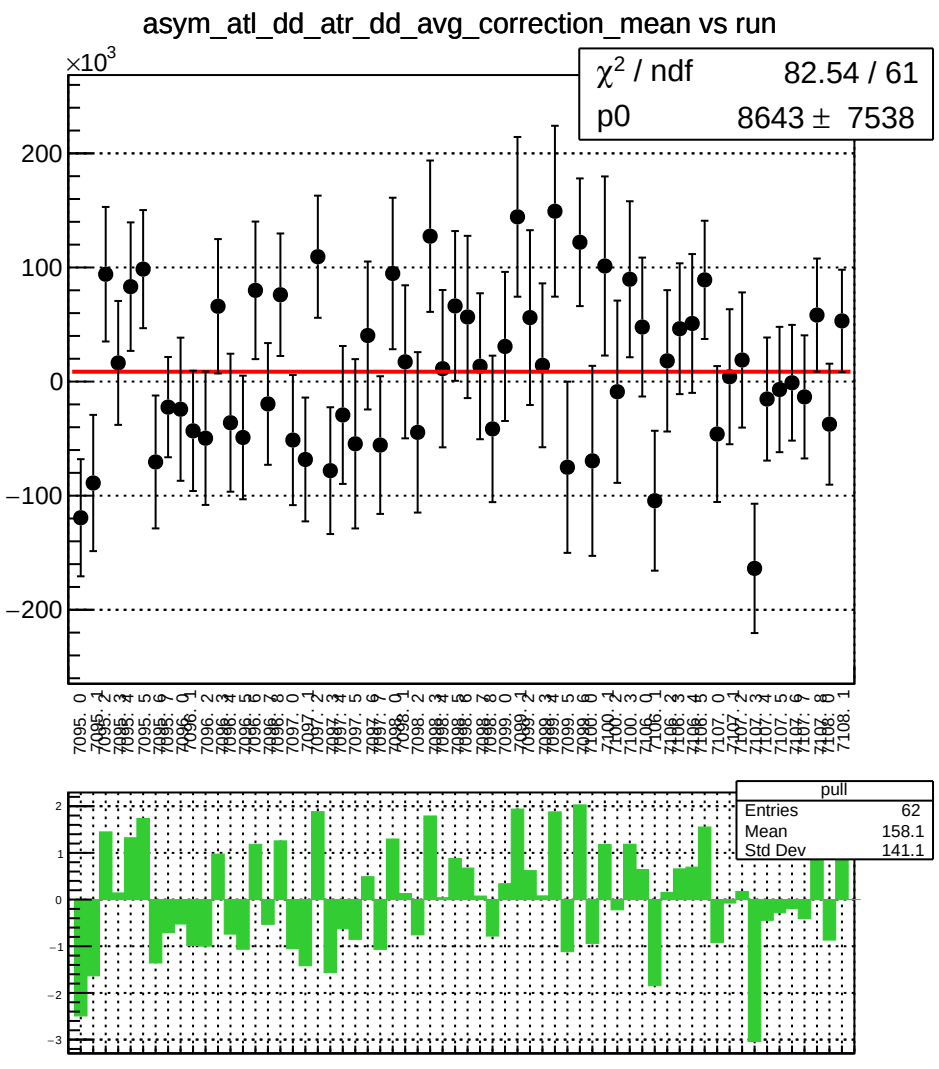

pull1D
Entries 62
Mean 0.01749
Std Dev 1.139

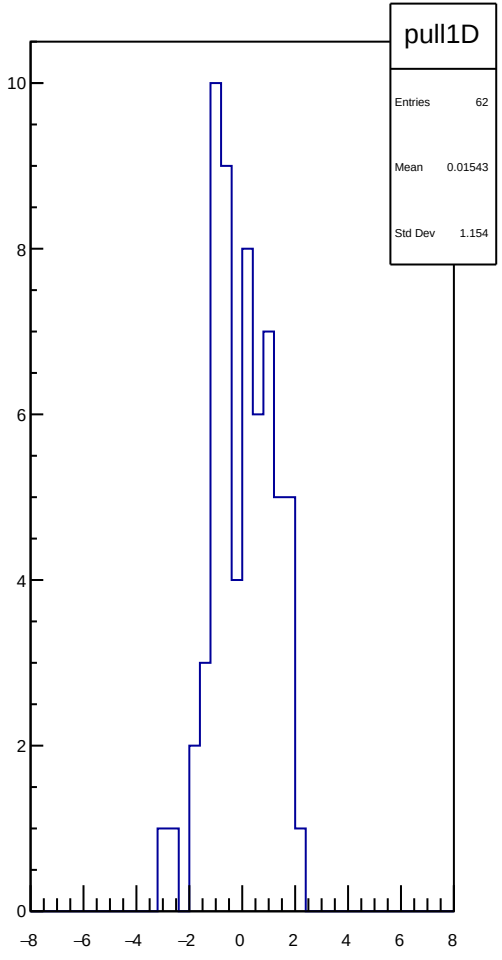

asym_atl_avg_atr_avg_dd_rms vs run
χ² / ndf 5801 / 61
p0 1357 ± 1.256
2800
2600
2400
2200
2000
1800
1600
1400
1200
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7106. 6
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7108. 0
7108. 1

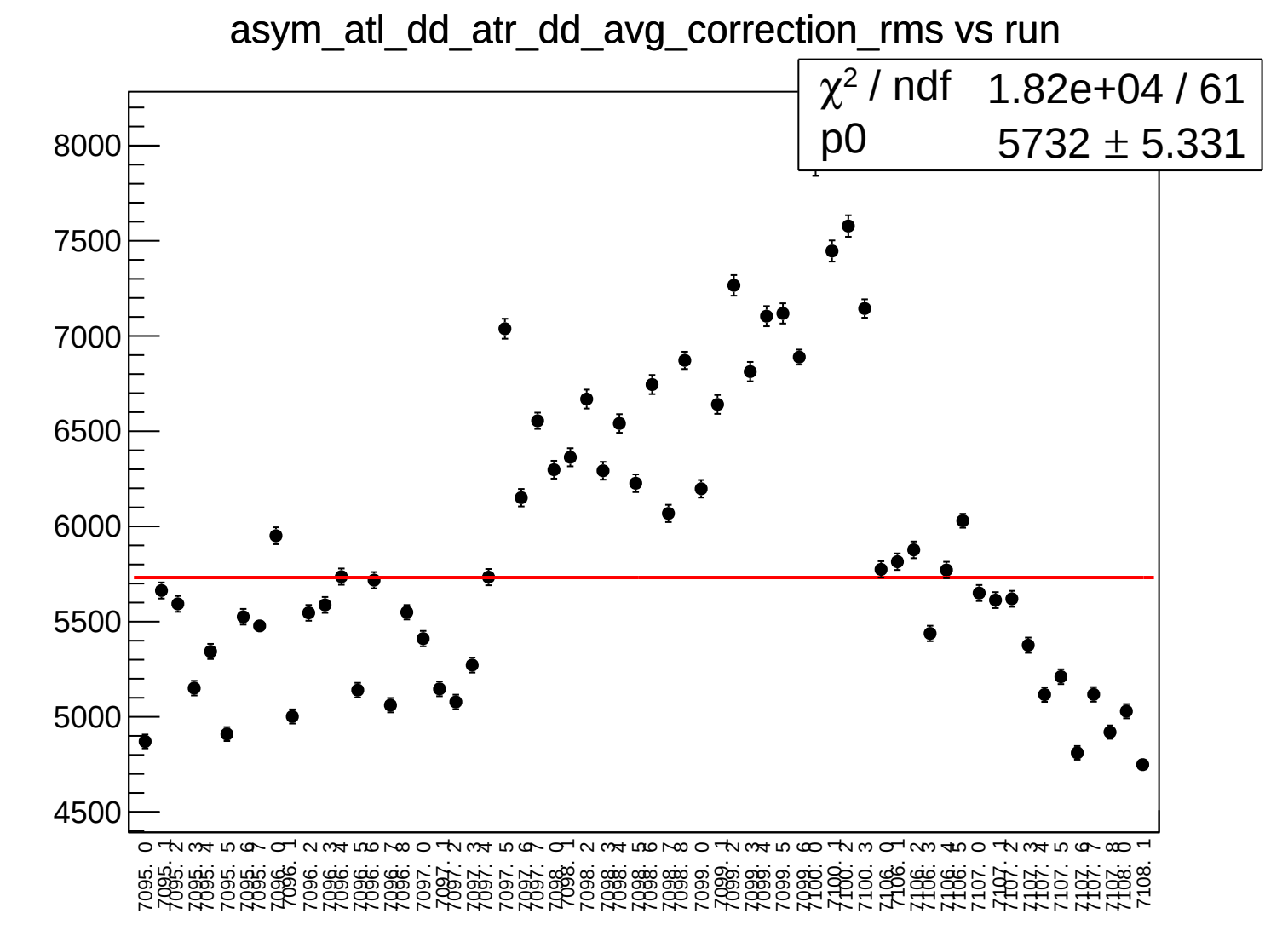

dit_asym_atl_dd_atr_dd_avg_mean vs run
χ² / ndf 44.21 / 61
p0 1759 ± 1820
40000
20000
0
−20000
−40000
−60000
pull
Entries 62
Mean 24.7
Std Dev 29.97
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

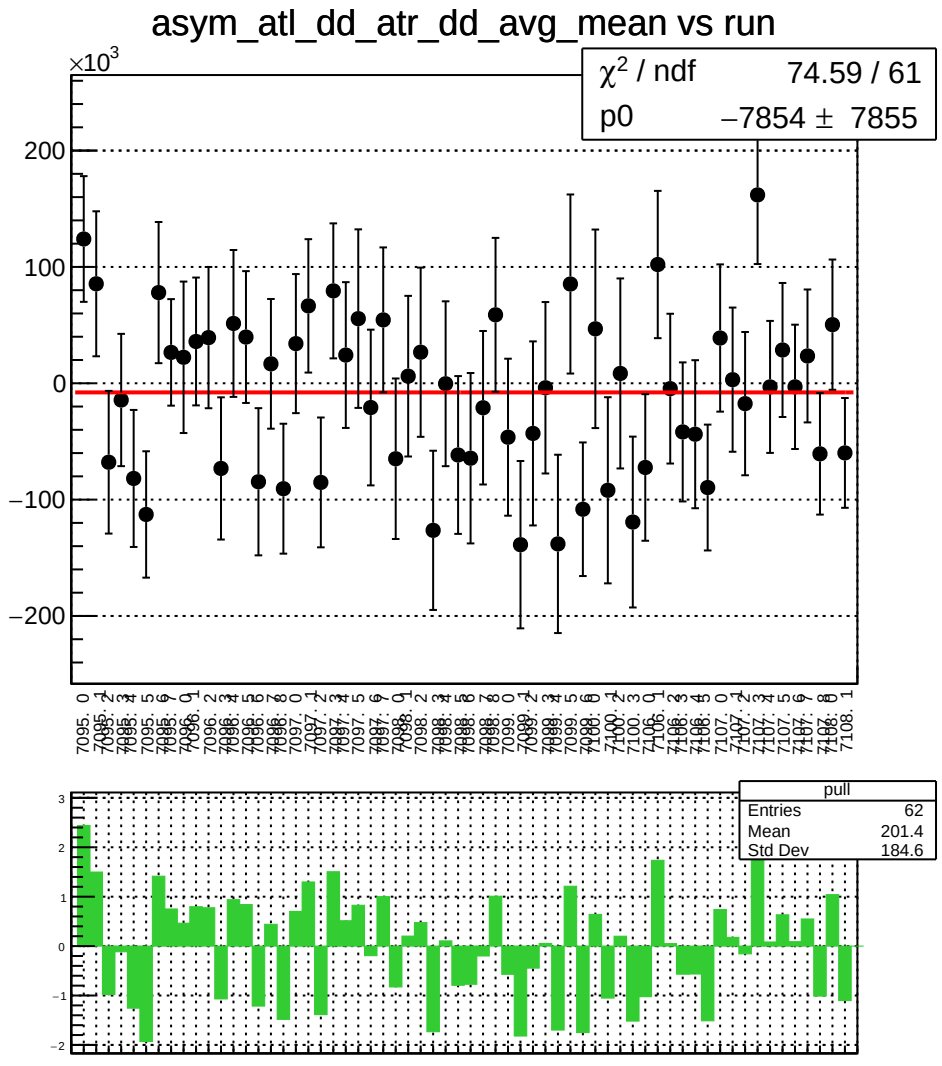

pull1D
Entries 62
Mean −0.01484
Std Dev 0.8443
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

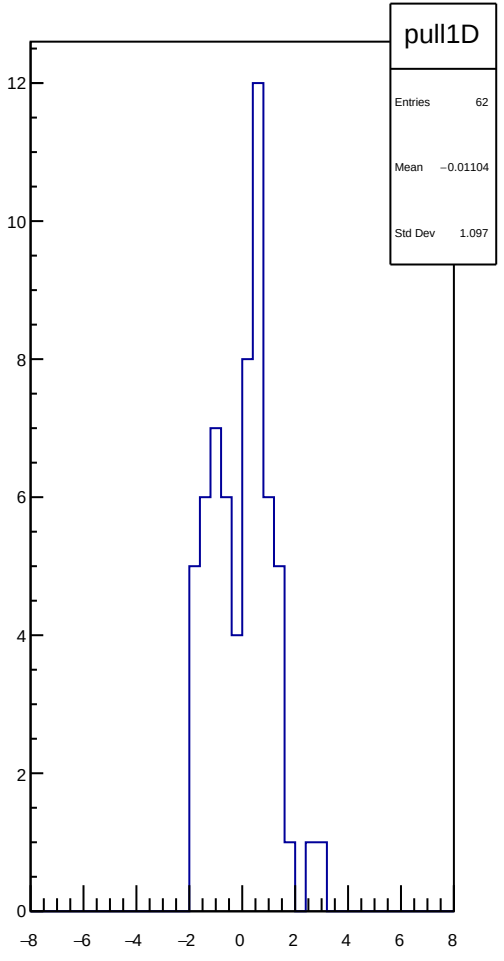

dit_asym_atl_dd_atr_dd_avg_rms vs run
χ² / ndf 6027 / 61
p0 1391 ± 1.287
2800
2600
2400
2200
2000
1800
1600
1400
1200

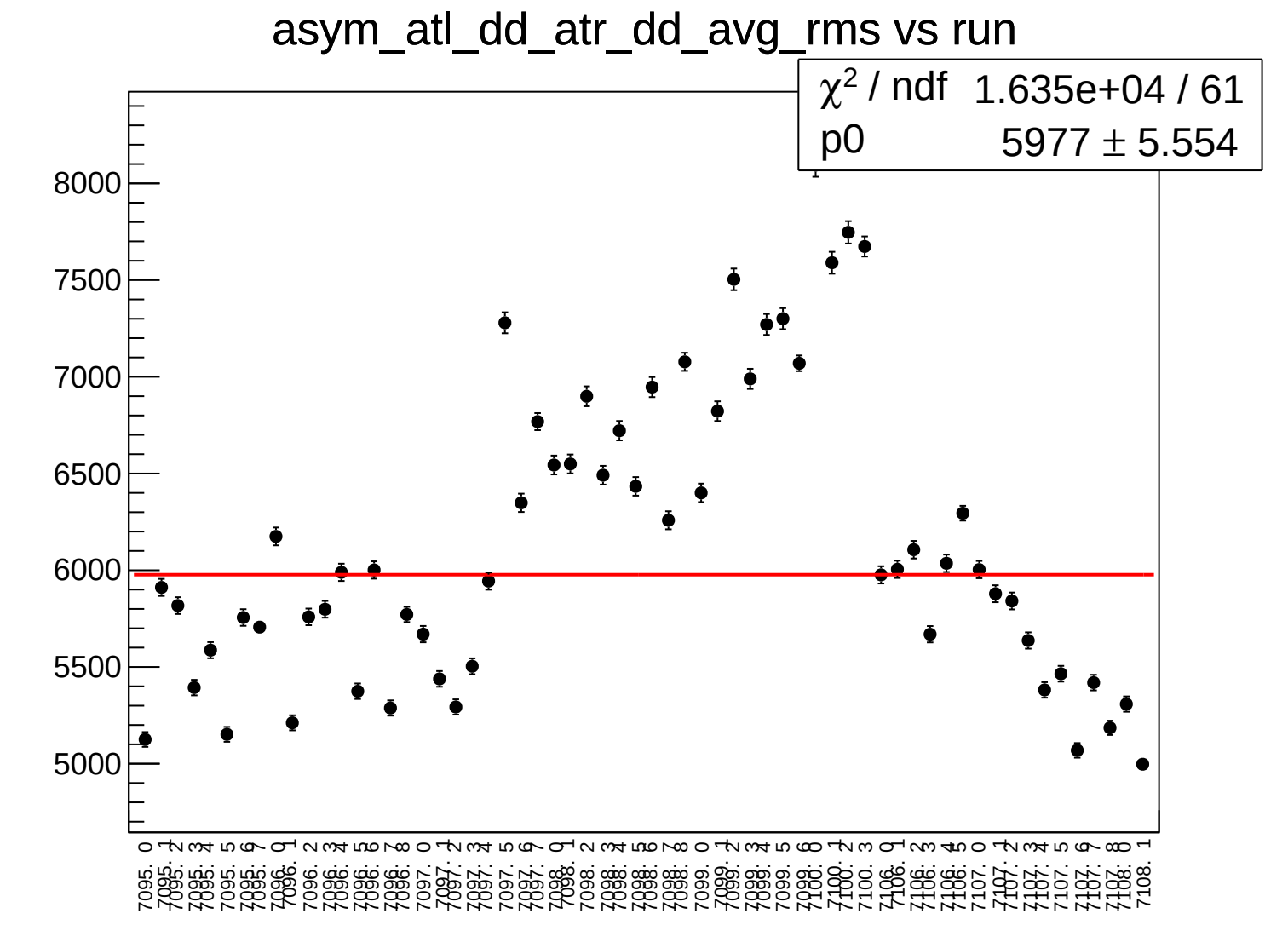

asym_atl_dd_atr_dd_avg_correction_mean vs run
χ² / ndf 82.54 / 61
p0 8643 ± 7538
pull
Entries 62
Mean 158.1
Std Dev 141.1

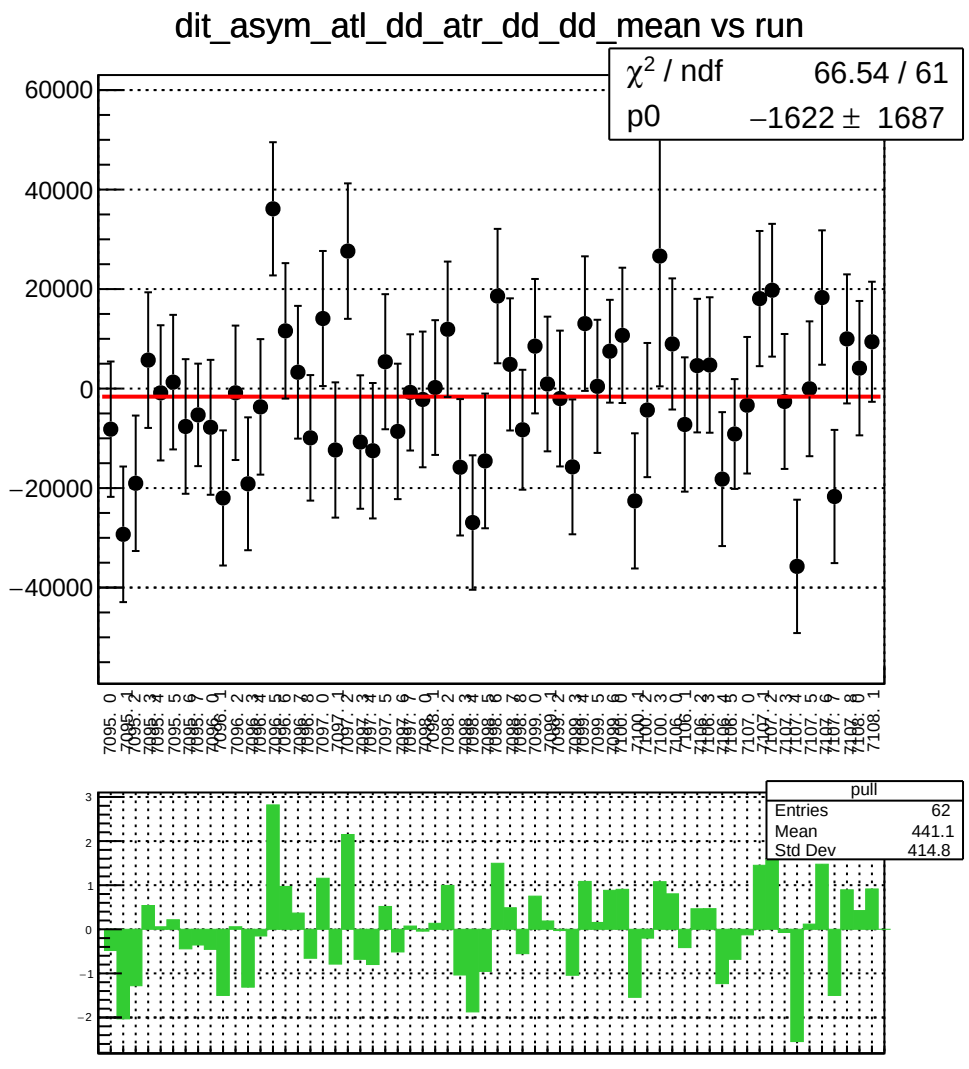

pull1D
Entries 62
Mean 0.01543
Std Dev 1.154

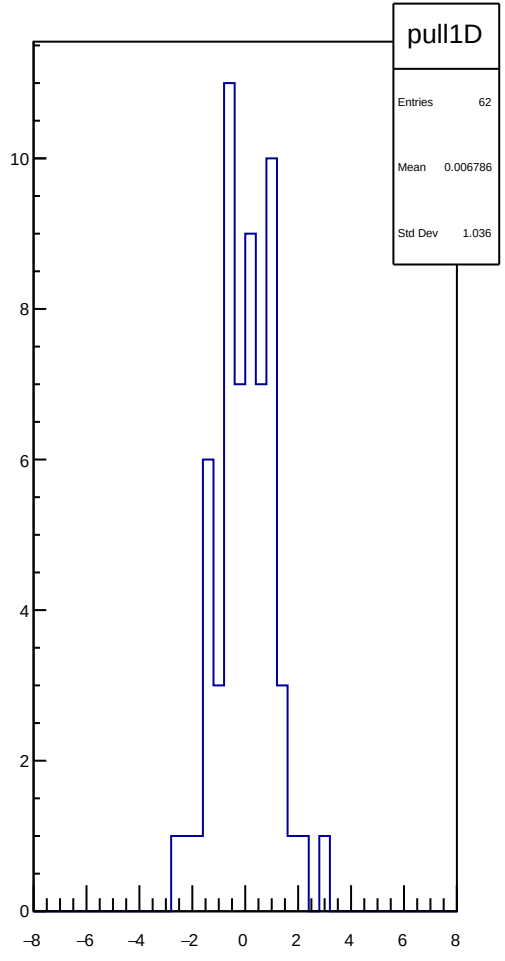

asym_atl_dd_atr_dd_avg_correction_rms vs run
χ² / ndf 1.82e+04 / 61
p0 5732 ± 5.331
8000
7500
7000
6500
6000
5500
5000
4500

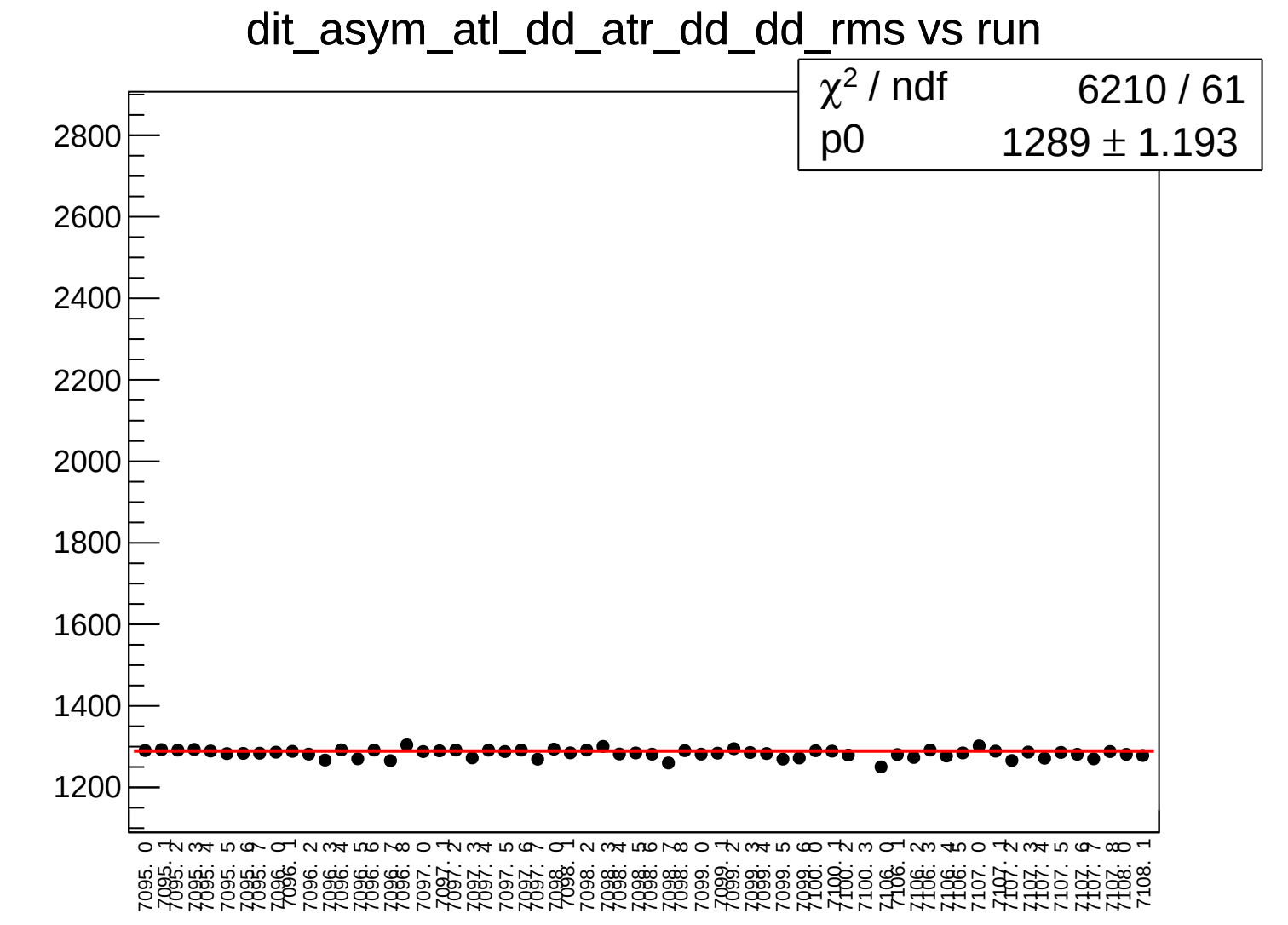

asym_atl_dd_atr_dd_avg_mean vs run
χ² / ndf 74.59 / 61
p0 −7854 ± 7855
×10³
200
100
0
−100
−200
pull
Entries 62
Mean 201.4
Std Dev 184.6
3
2
1
0
−1
−2

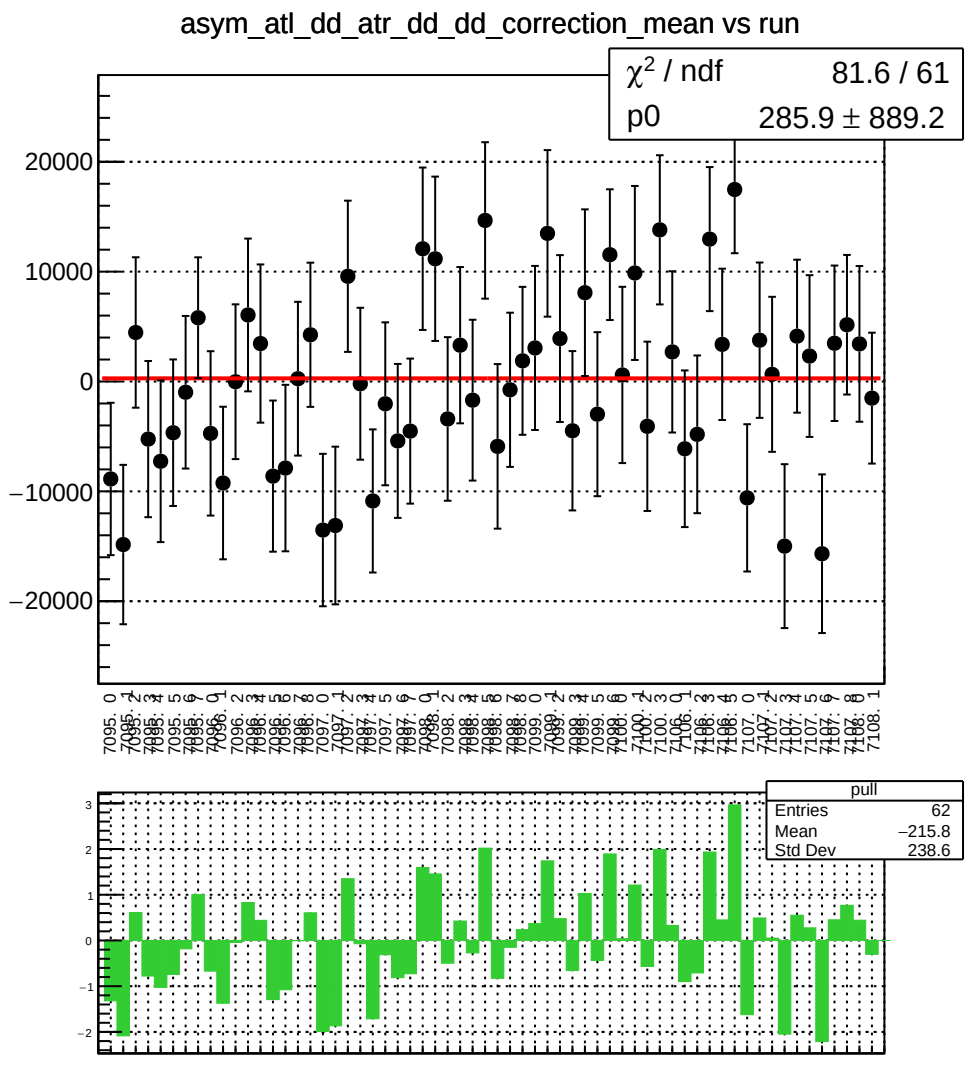

pull1D
Entries 62
Mean −0.01104
Std Dev 1.097
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

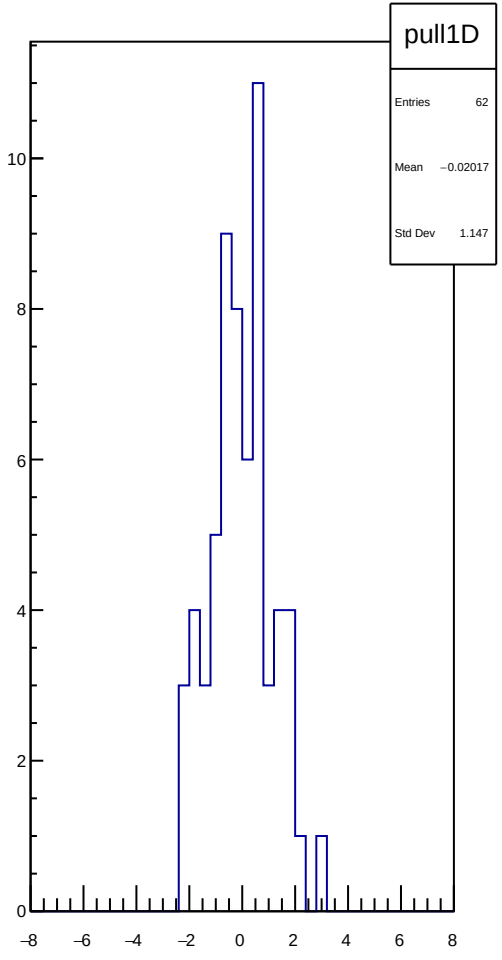

asym_atl_dd_atr_dd_avg_rms vs run
χ^2 / ndf 1.635e+04 / 61
p0 5977 ± 5.554
8000
7500
7000
6500
6000
5500
5000

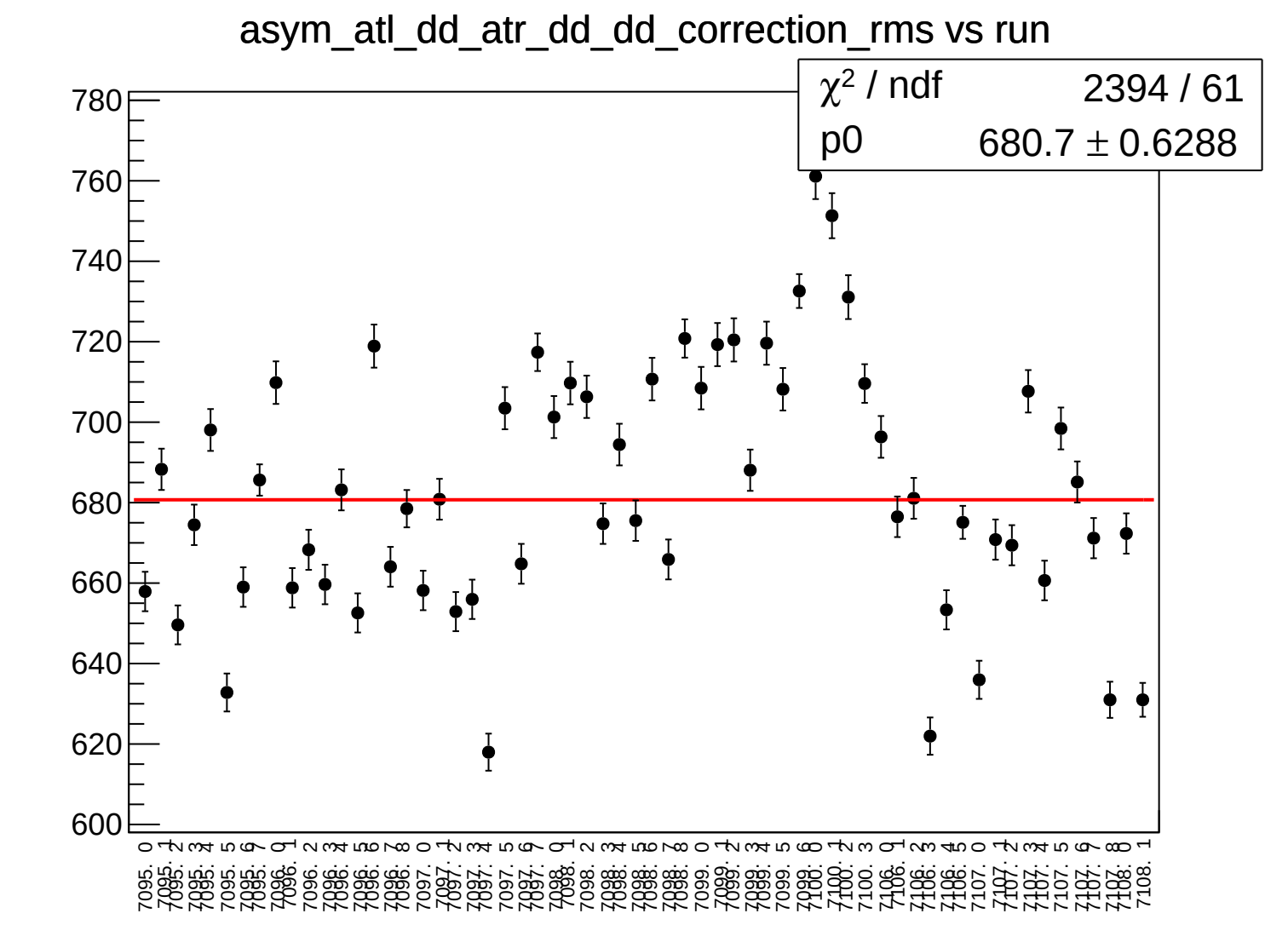

dit_asym_atl_dd_atr_dd_dd_mean vs run
χ² / ndf 66.54 / 61
p0 −1622 ± 1687
60000
40000
20000
0
−20000
−40000
pull
Entries 62
Mean 441.1
Std Dev 414.8
3
2
1
0
−1
−2

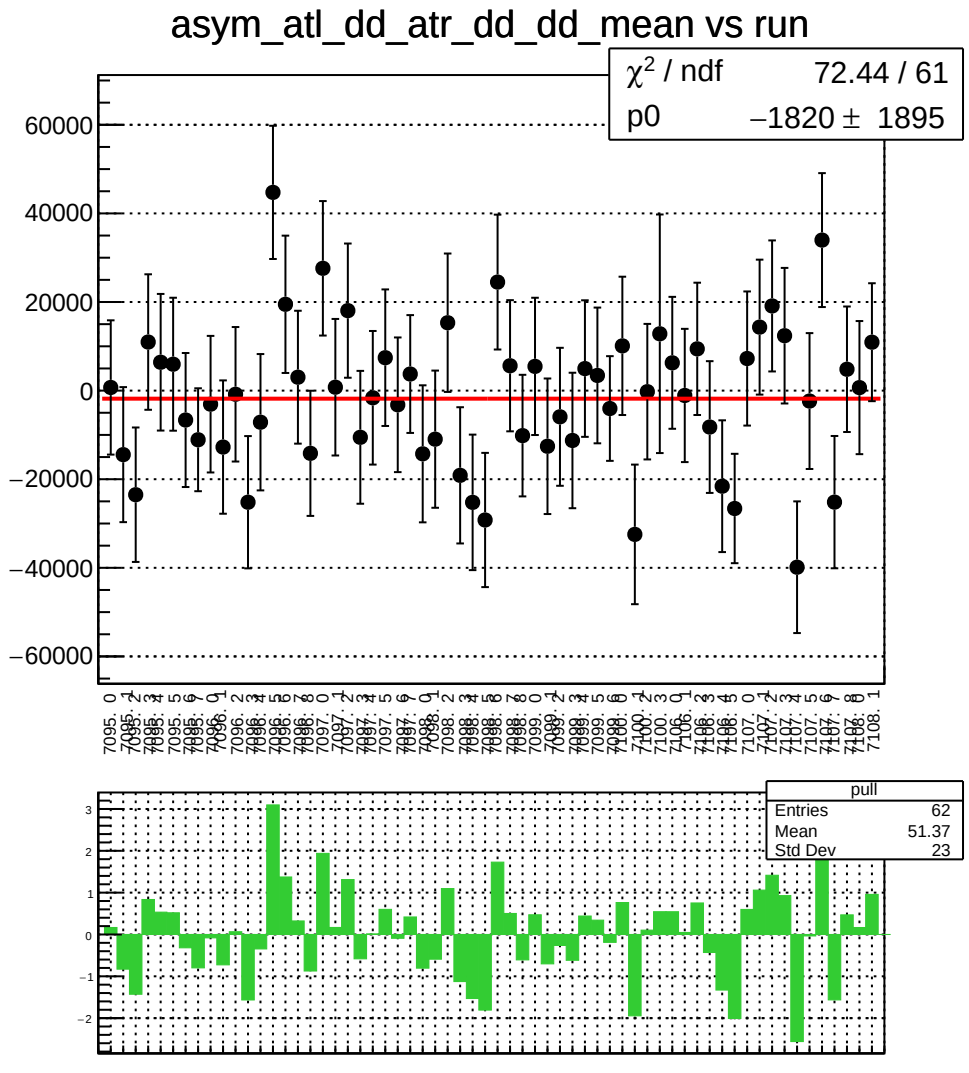

pull1D
Entries 62
Mean 0.006786
Std Dev 1.036
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

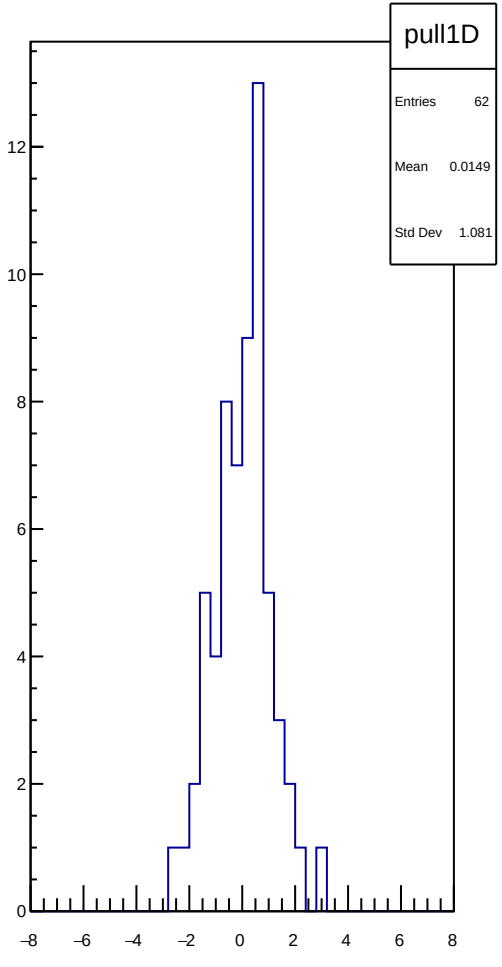

dit_asym_atl_dd_atr_dd_dd_rms vs run
χ² / ndf 6210 / 61
p0 1289 ± 1.193
2800
2600
2400
2200
2000
1800
1600
1400
1200

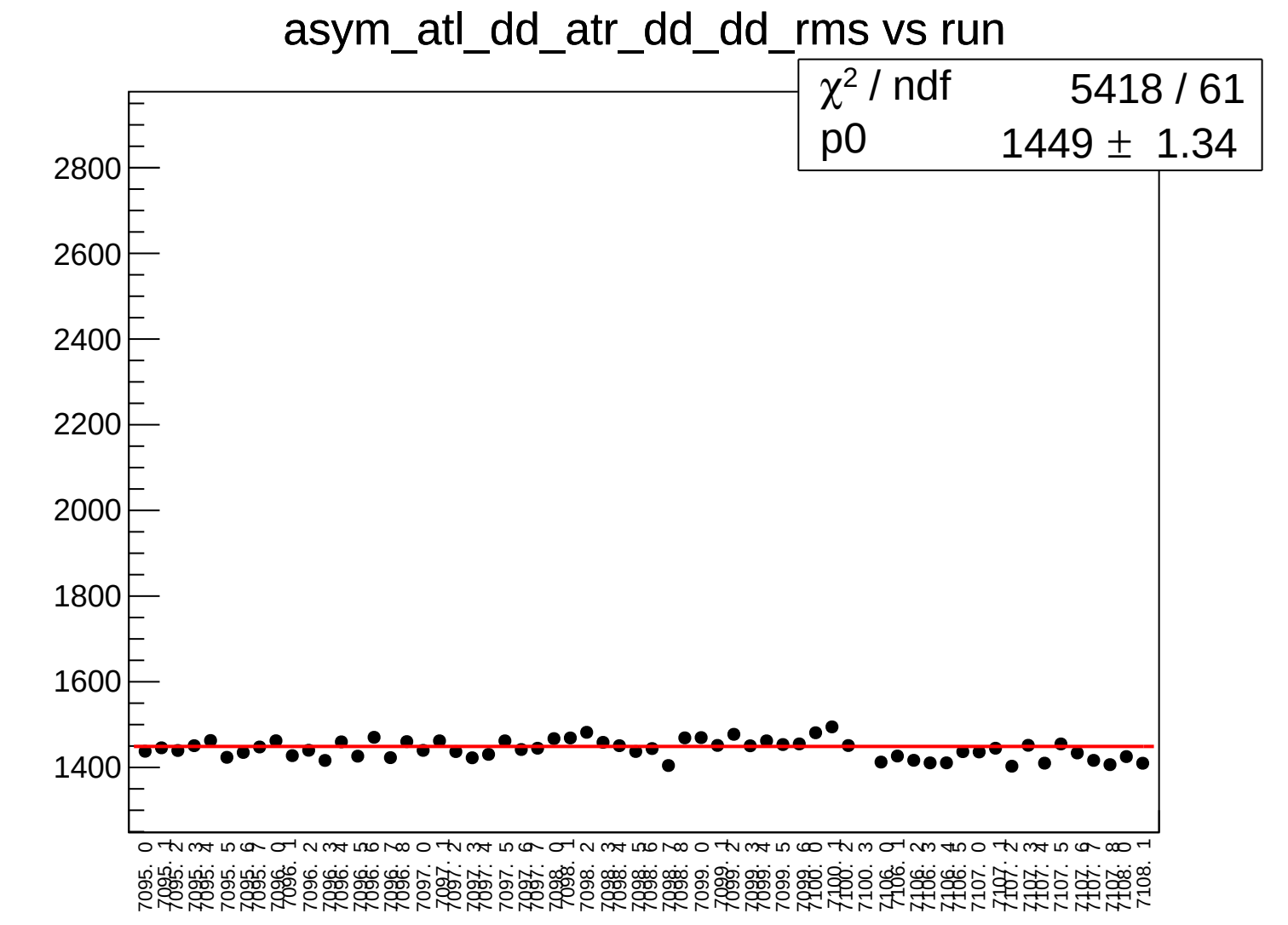

asym_atl_dd_atr_dd_dd_correction_mean vs run
χ² / ndf 81.6 / 61
p0 285.9 ± 889.2
20000
10000
0
−10000
−20000
pull
Entries 62
Mean −215.8
Std Dev 238.6
3
2
1
0
−1
−2

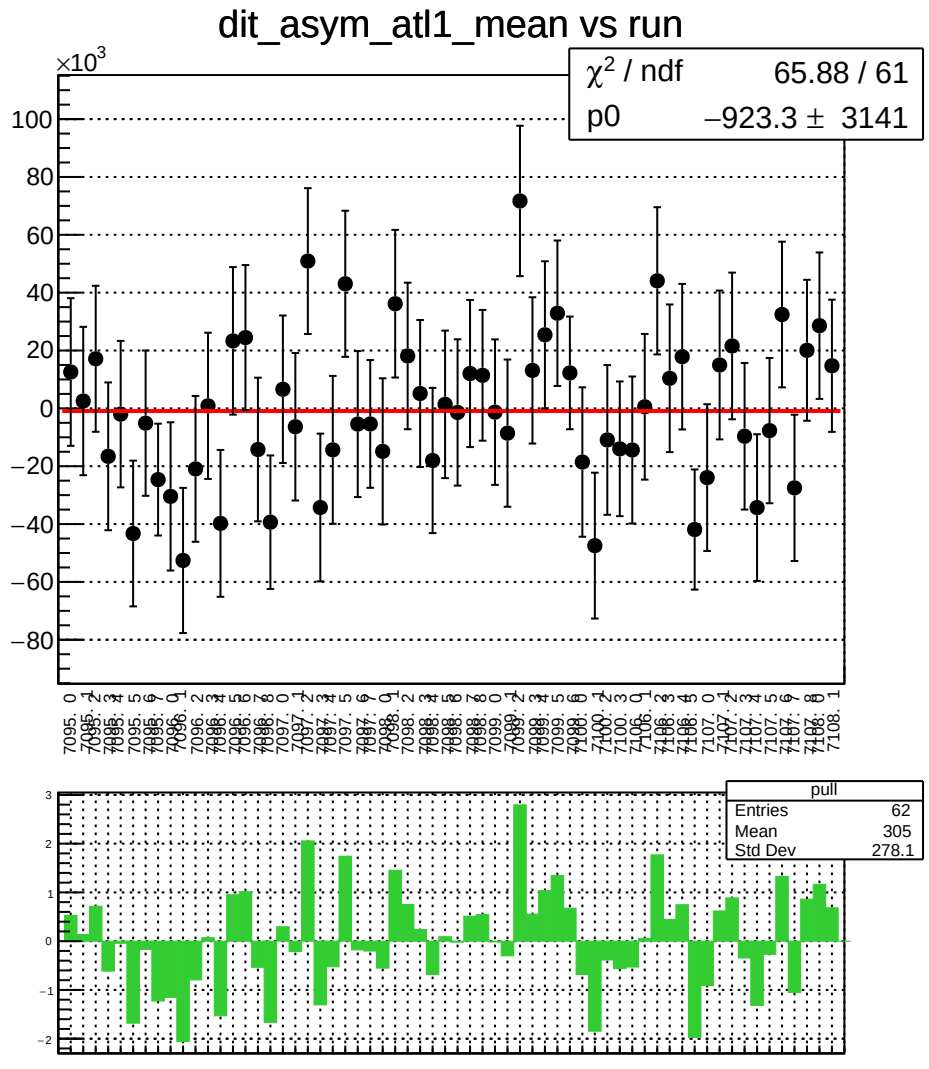

pull1D
Entries 62
Mean −0.02017
Std Dev 1.147
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

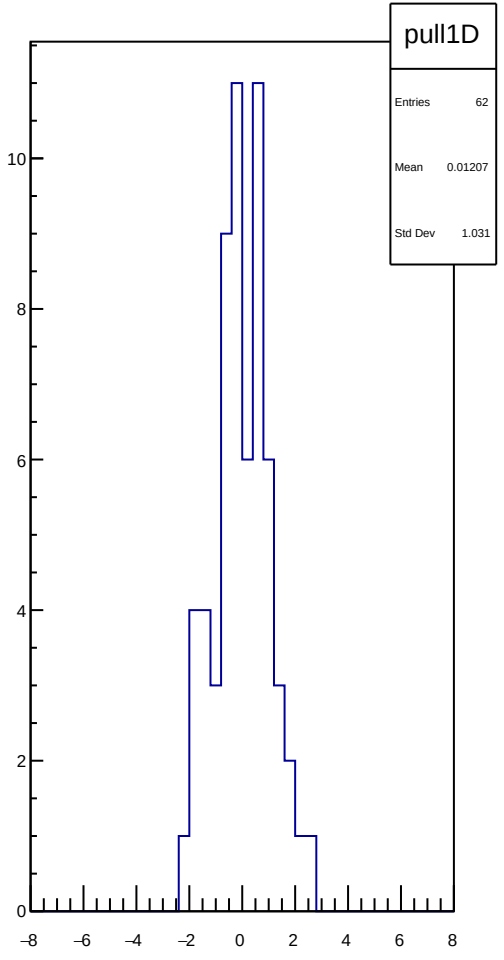

asym_atl_dd_atr_dd_dd_correction_rms vs run
χ² / ndf 2394 / 61
p0 680.7 ± 0.6288
780
760
740
720
700
680
660
640
620
600

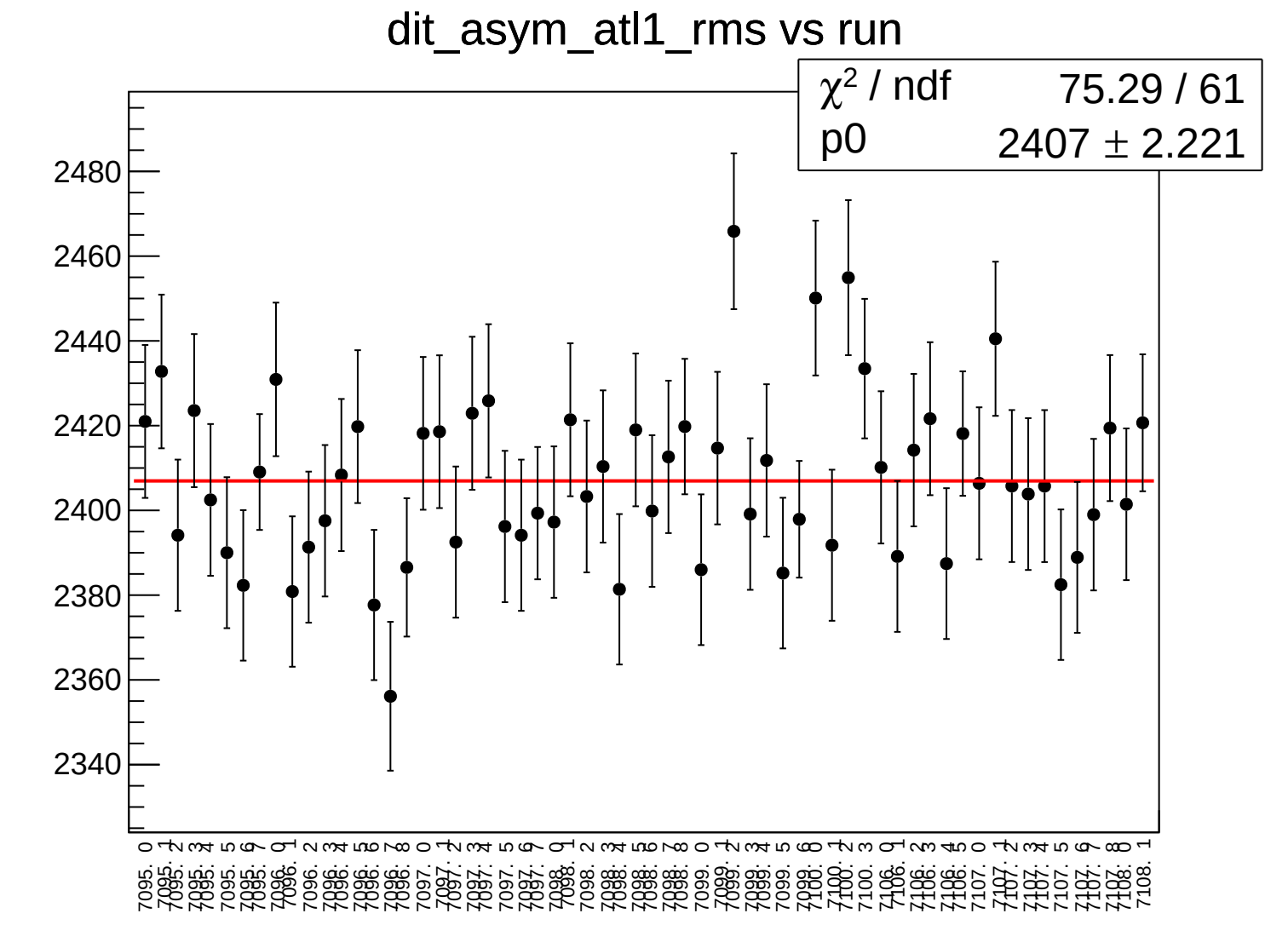

asym_atl_dd_atr_dd_dd_mean vs run
χ² / ndf 72.44 / 61
p0 −1820 ± 1895
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 62
Mean 51.37
Std Dev 23
3
2
1
0
−1
−2

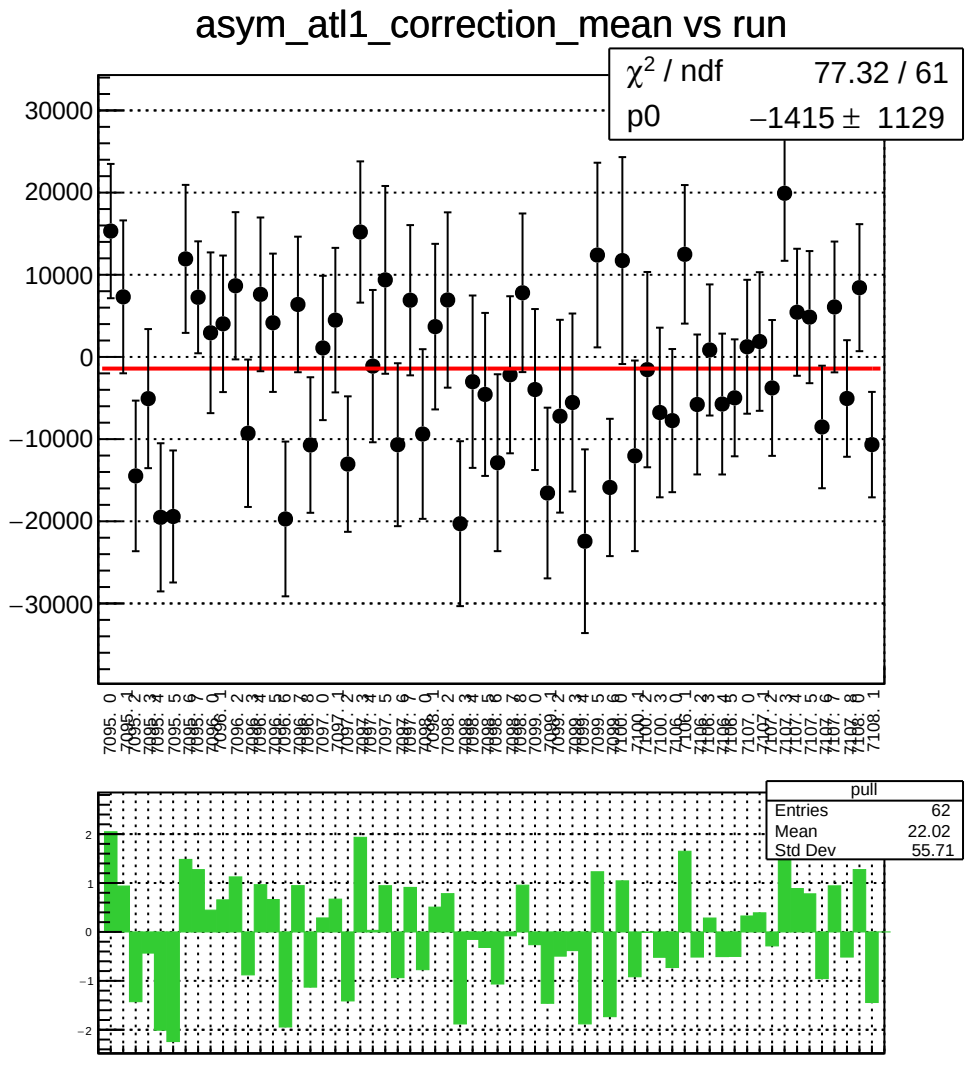

pull1D
Entries 62
Mean 0.0149
Std Dev 1.081
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

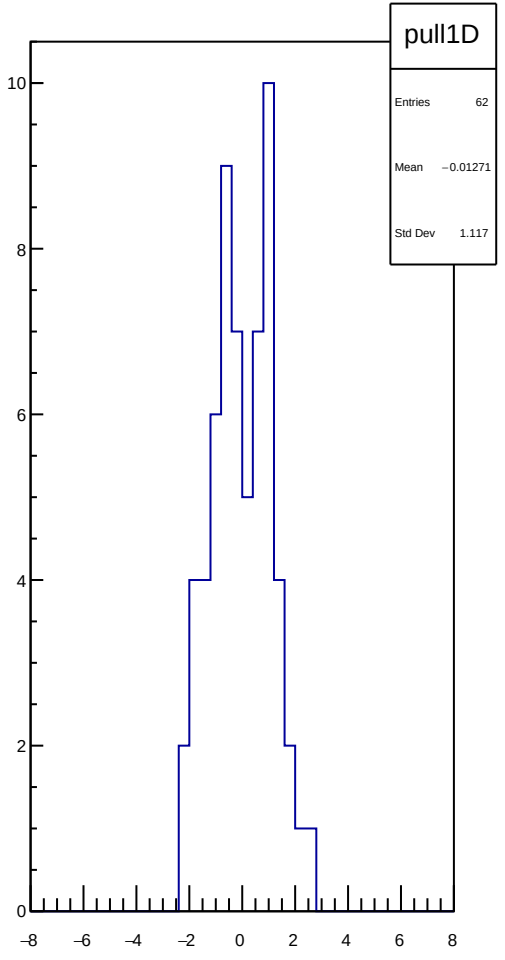

asym_atl_dd_atr_dd_dd_rms vs run
χ² / ndf 5418 / 61
p0 1449 ± 1.34
2800
2600
2400
2200
2000
1800
1600
1400

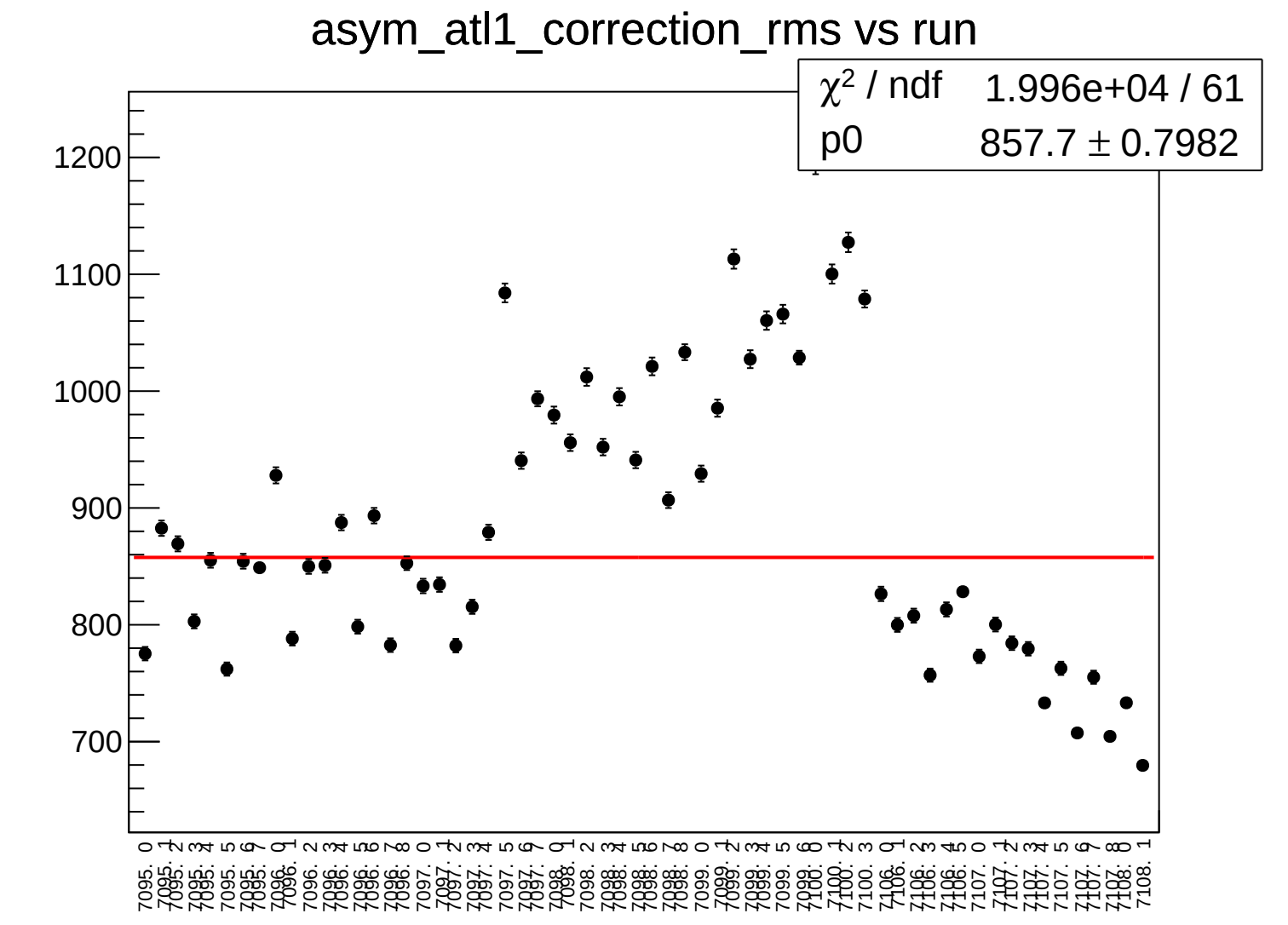

dit_asym_atl1_mean vs run
×10^3
χ² / ndf 65.88 / 61
p0 −923.3 ± 3141
pull
Entries 62
Mean 305
Std Dev 278.1

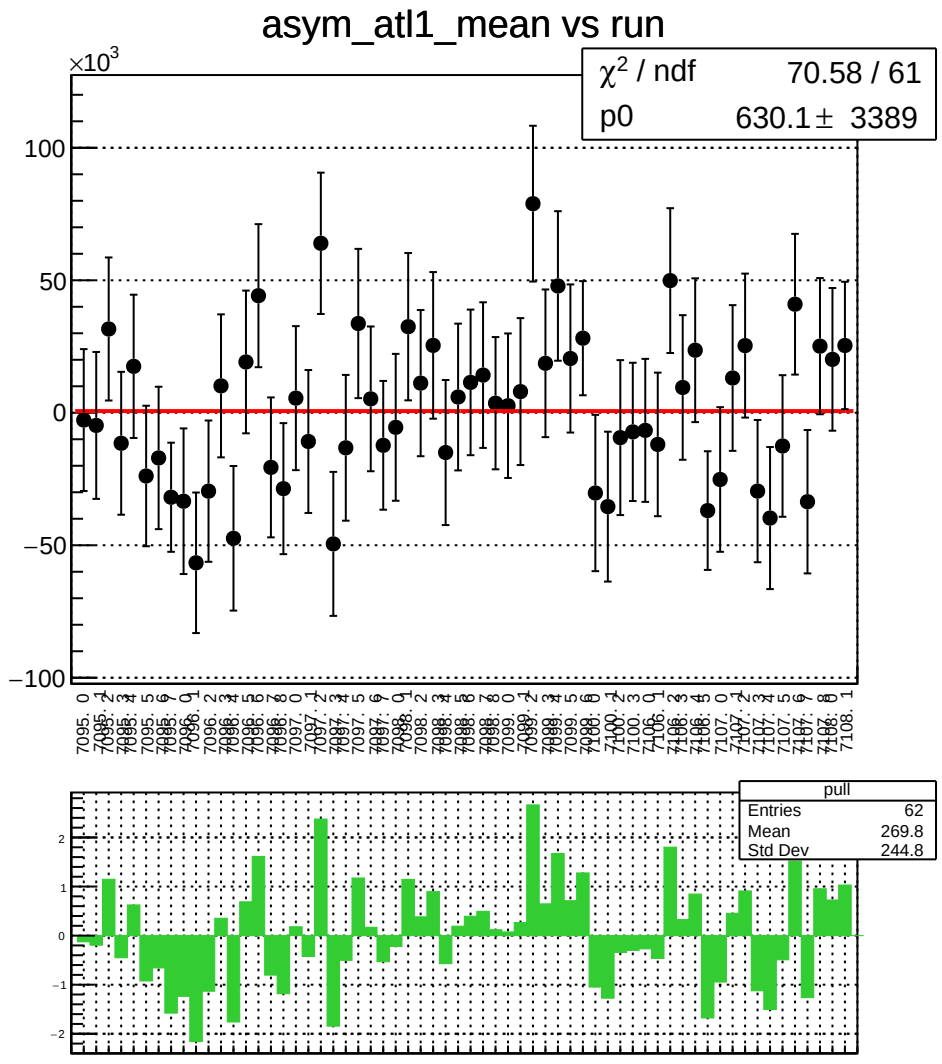

pull1D
Entries 62
Mean 0.01207
Std Dev 1.031

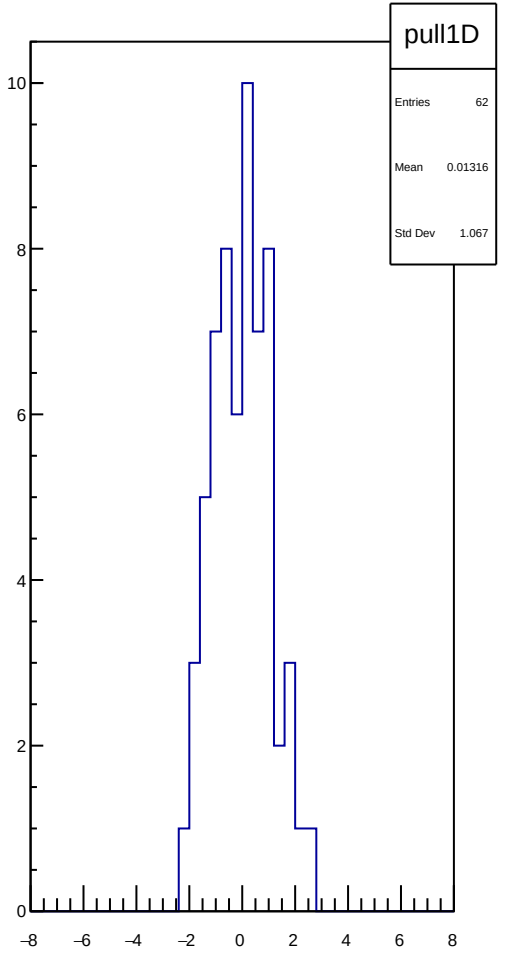

dit_asym_atl1_rms vs run
χ² / ndf 75.29 / 61
p0 2407 ± 2.221
2480
2460
2440
2420
2400
2380
2360
2340
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7108. 0
7108. 1

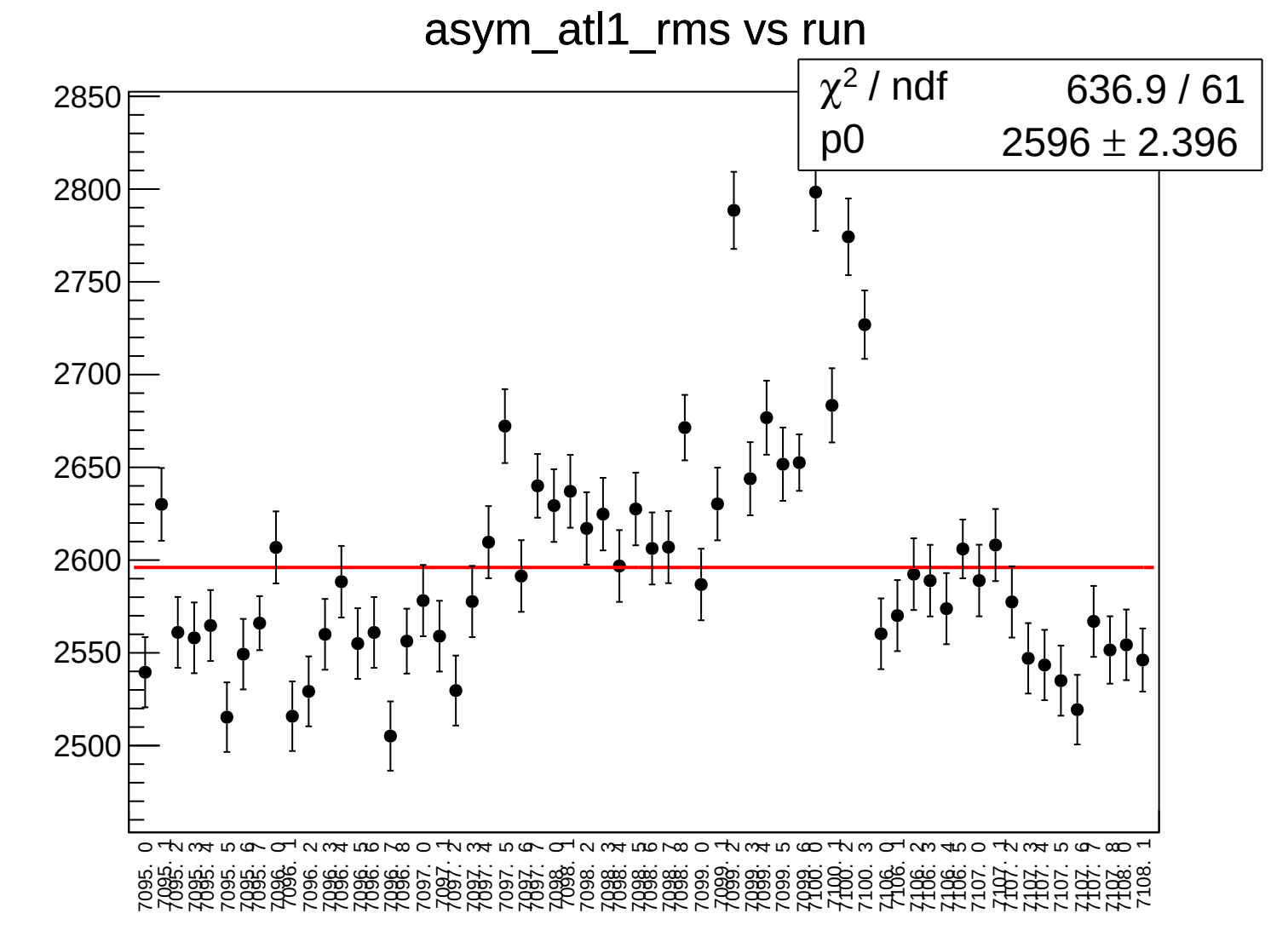

asym_atl1_correction_mean vs run
χ² / ndf 77.32 / 61
p0 −1415 ± 1129
pull
Entries 62
Mean 22.02
Std Dev 55.71

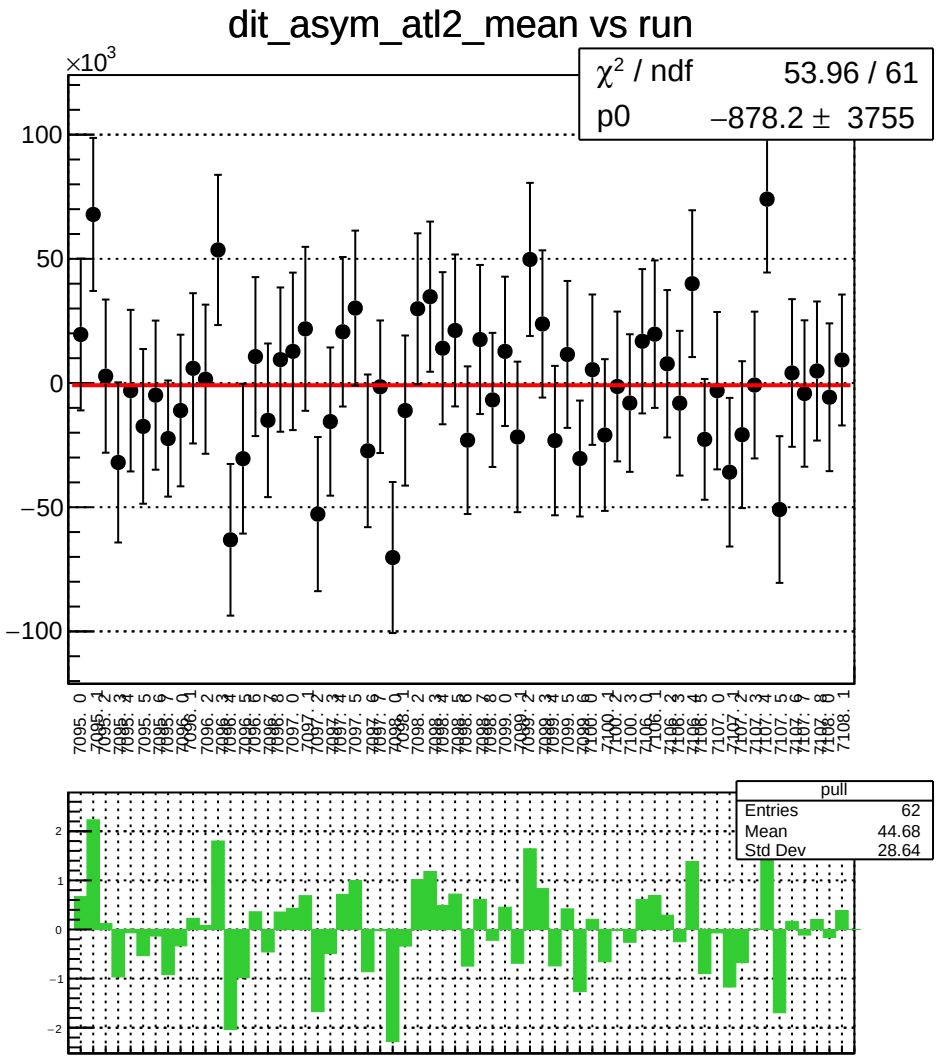

pull1D
Entries 62
Mean −0.01271
Std Dev 1.117

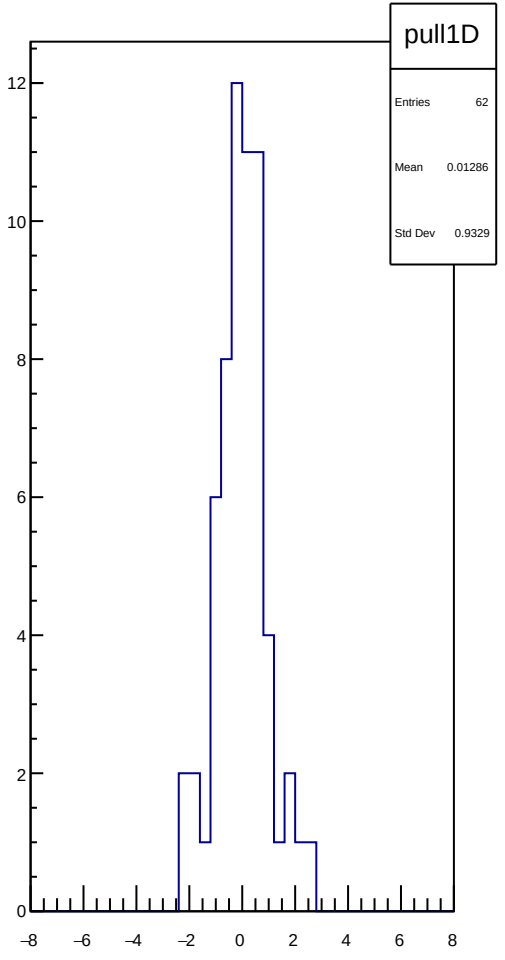

asym_atl1_correction_rms vs run
χ² / ndf 1.996e+04 / 61
p0 857.7 ± 0.7982
1200
1100
1000
900
800
700

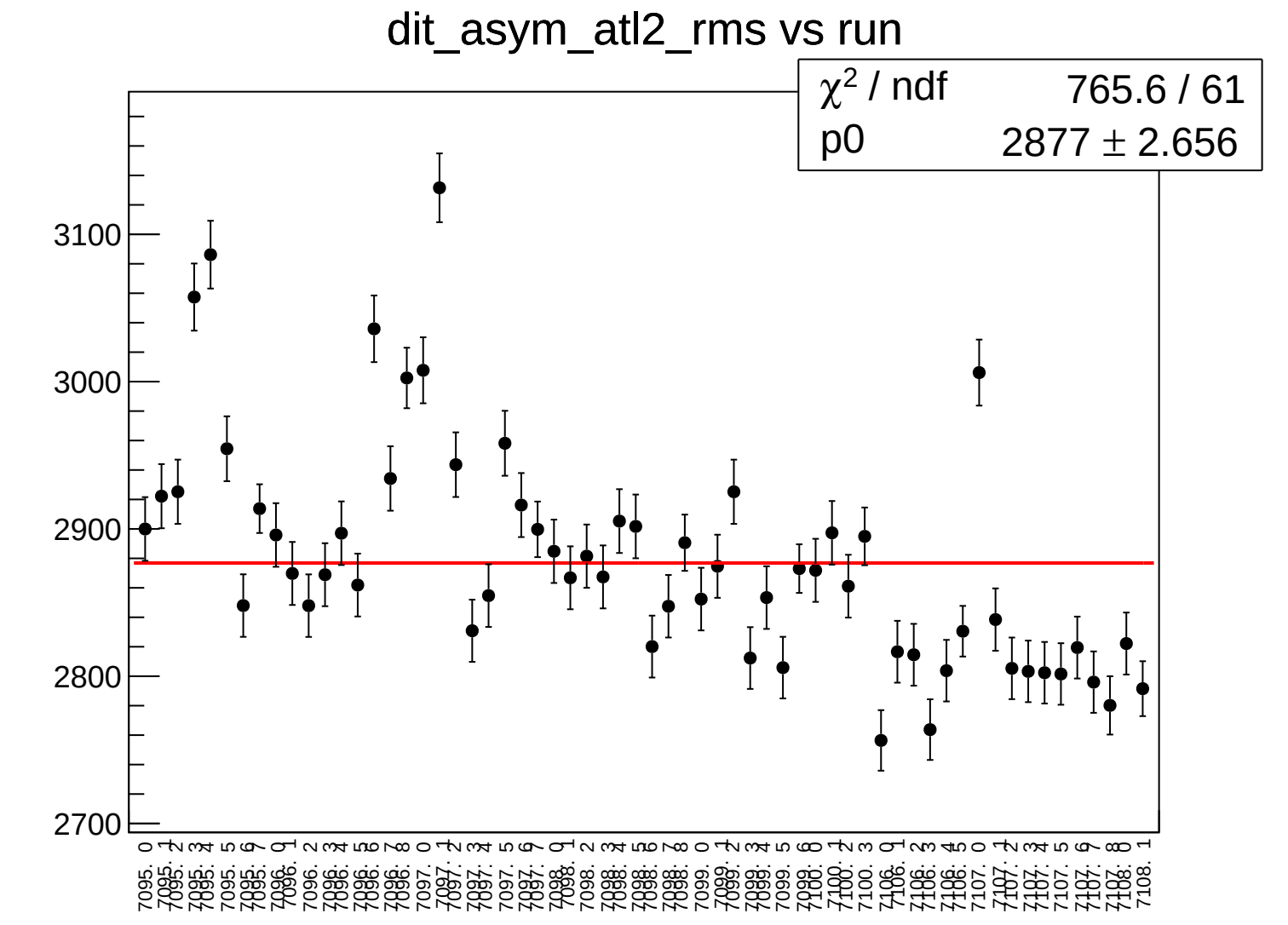

asym_atl1_mean vs run
×10^3
χ^2 / ndf 70.58 / 61
p0 630.1 ± 3389
100
50
0
−50
−100
pull
Entries 62
Mean 269.8
Std Dev 244.8
2
1
0
−1
−2

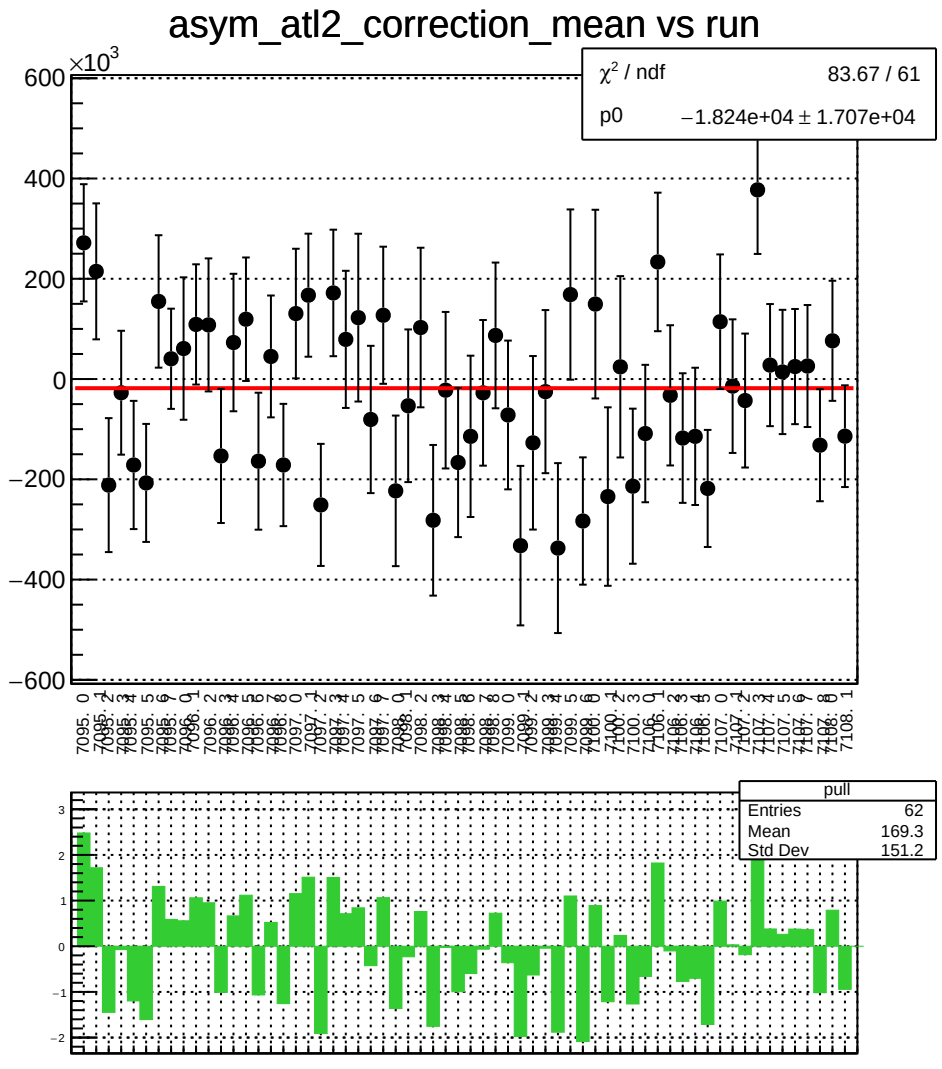

pull1D
Entries 62
Mean 0.01316
Std Dev 1.067
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

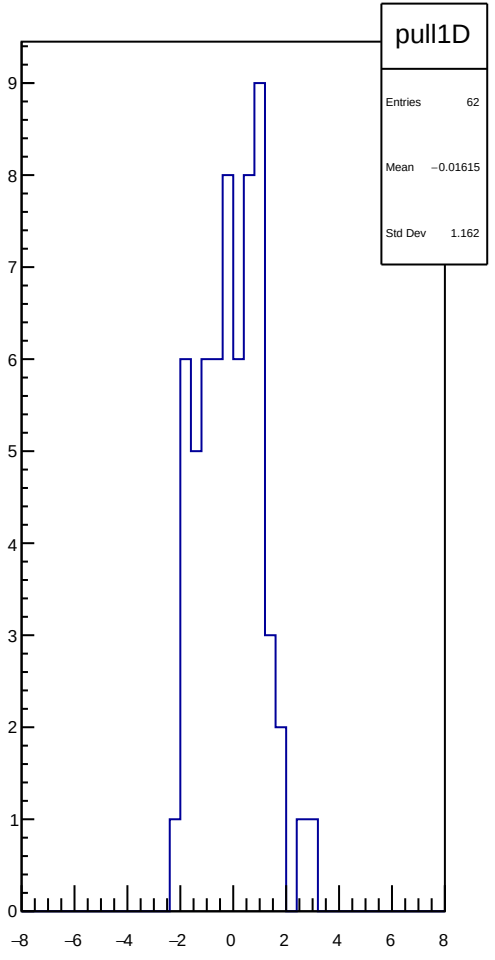

asym_atl1_rms vs run
χ² / ndf 636.9 / 61
p0 2596 ± 2.396
2850
2800
2750
2700
2650
2600
2550
2500

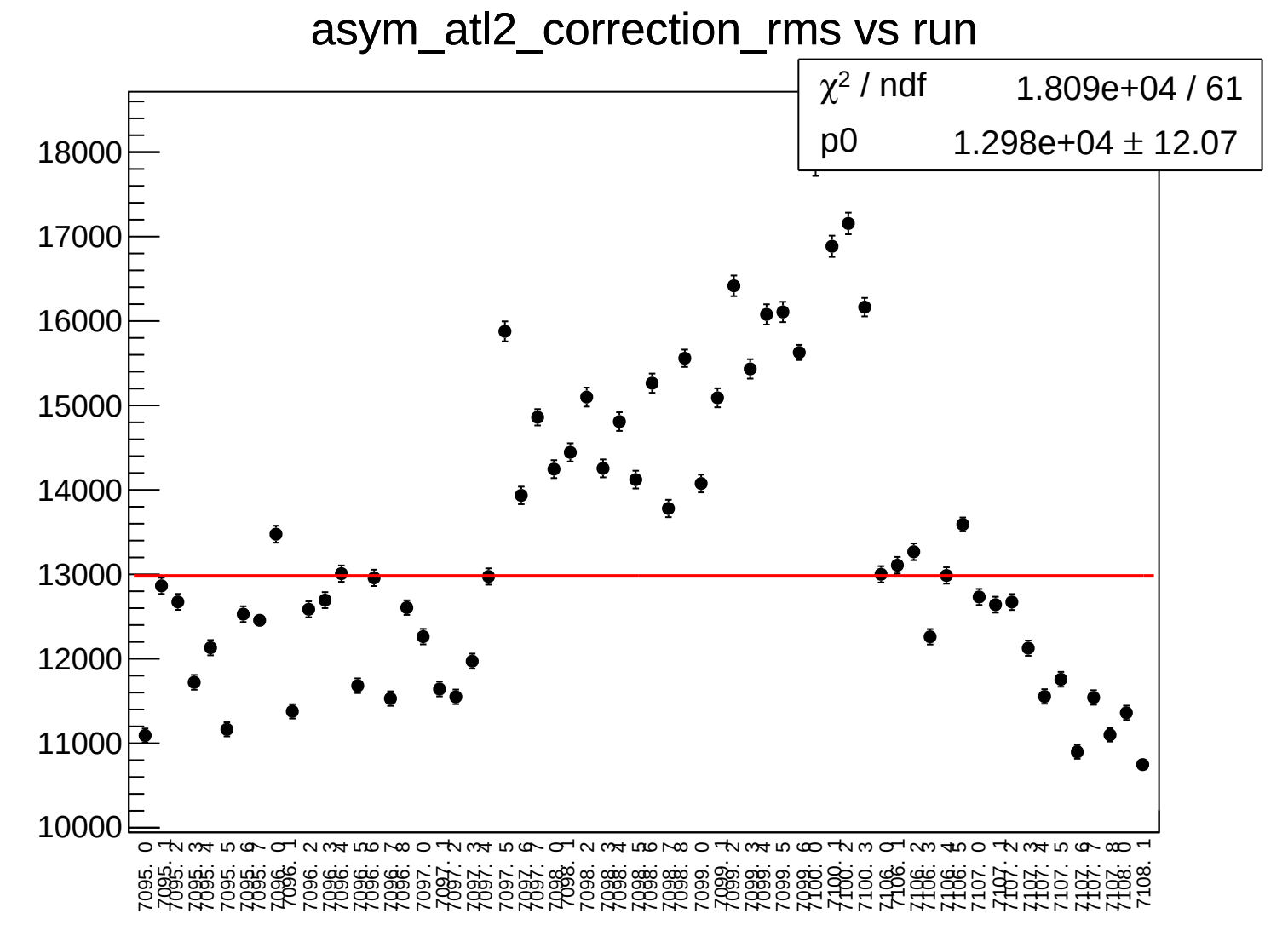

dit_asym_atl2_mean vs run
×10^3
χ² / ndf 53.96 / 61
p0 −878.2 ± 3755
100
50
0
−50
−100
pull
Entries 62
Mean 44.68
Std Dev 28.64
2
1
0
−1
−2

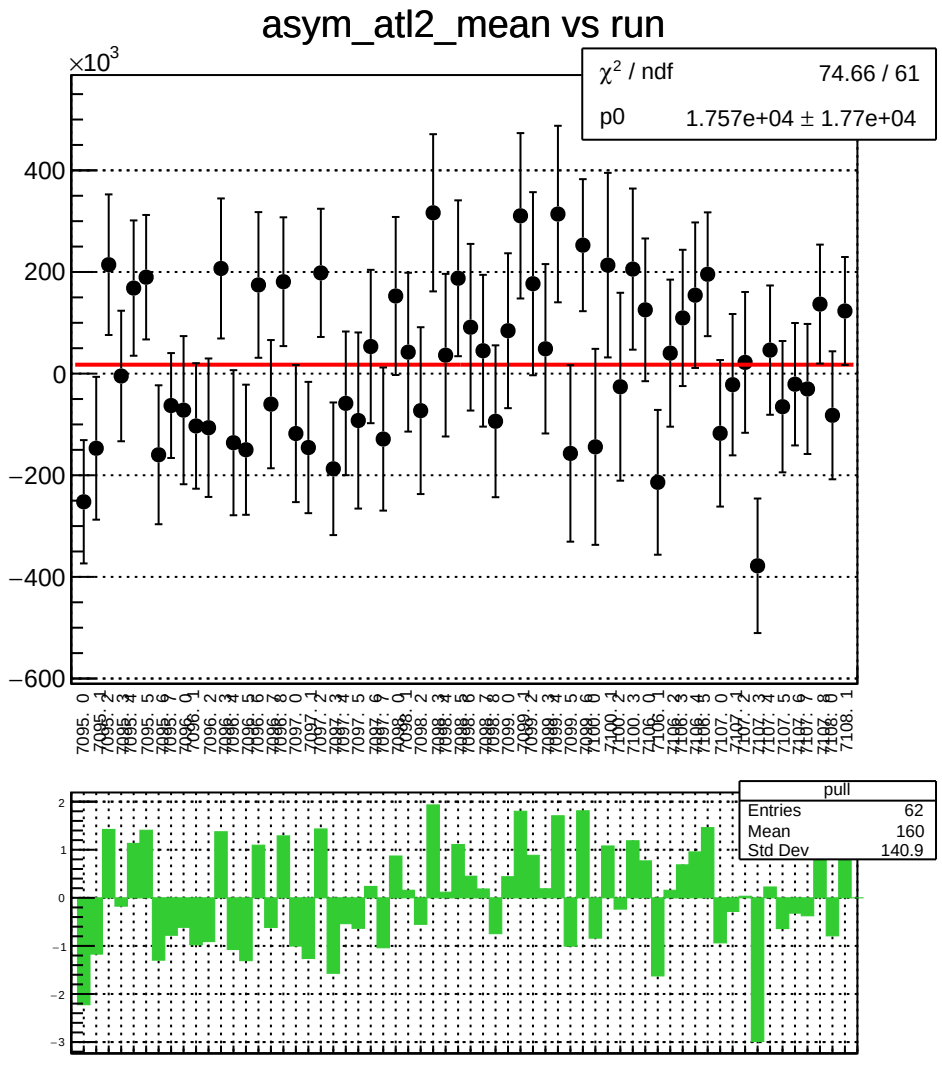

pull1D
Entries 62
Mean 0.01286
Std Dev 0.9329
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

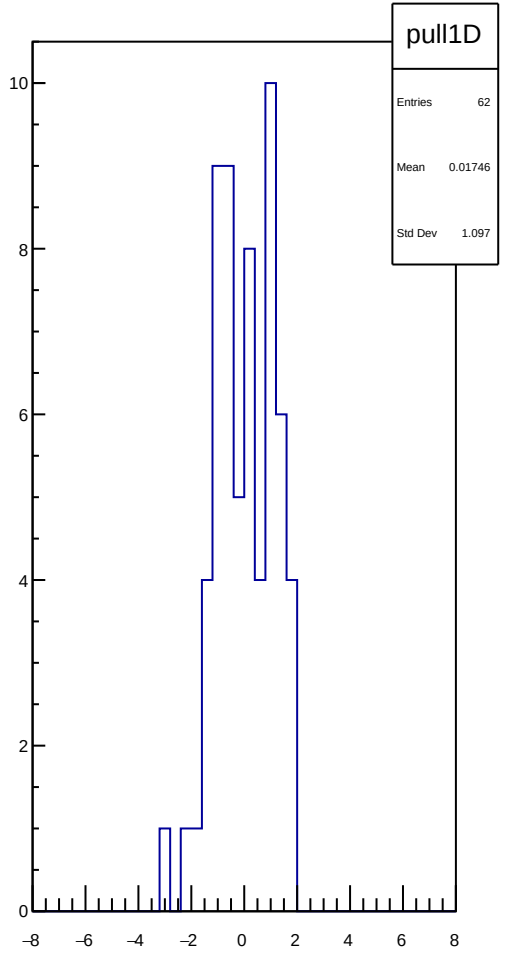

dit_asym_atl2_rms vs run
χ² / ndf 765.6 / 61
p0 2877 ± 2.656
3100
3000
2900
2800
2700

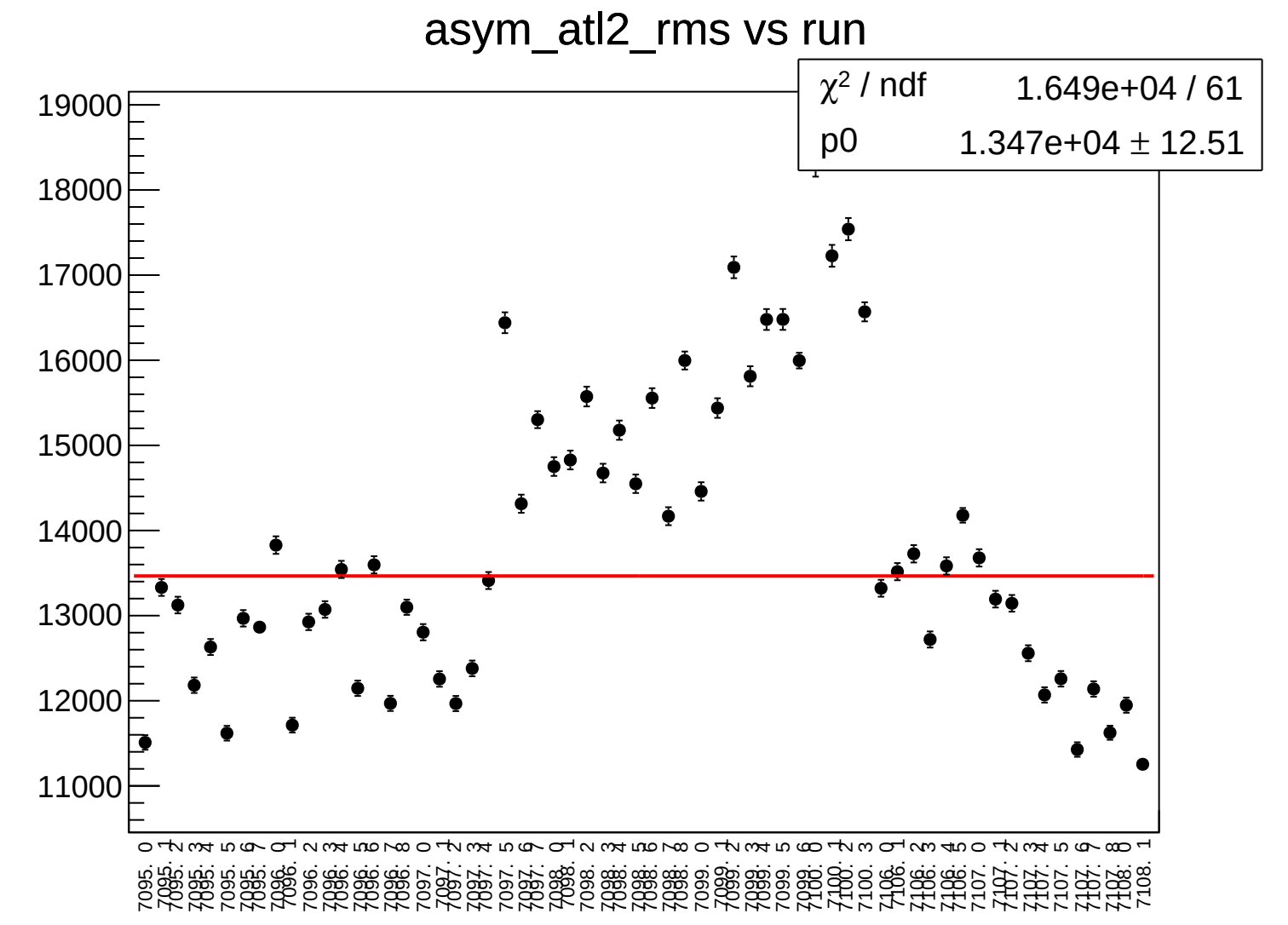

asym_atl2_correction_mean vs run
×10^3
χ² / ndf 83.67 / 61
p0 −1.824e+04 ± 1.707e+04
pull
Entries 62
Mean 169.3
Std Dev 151.2

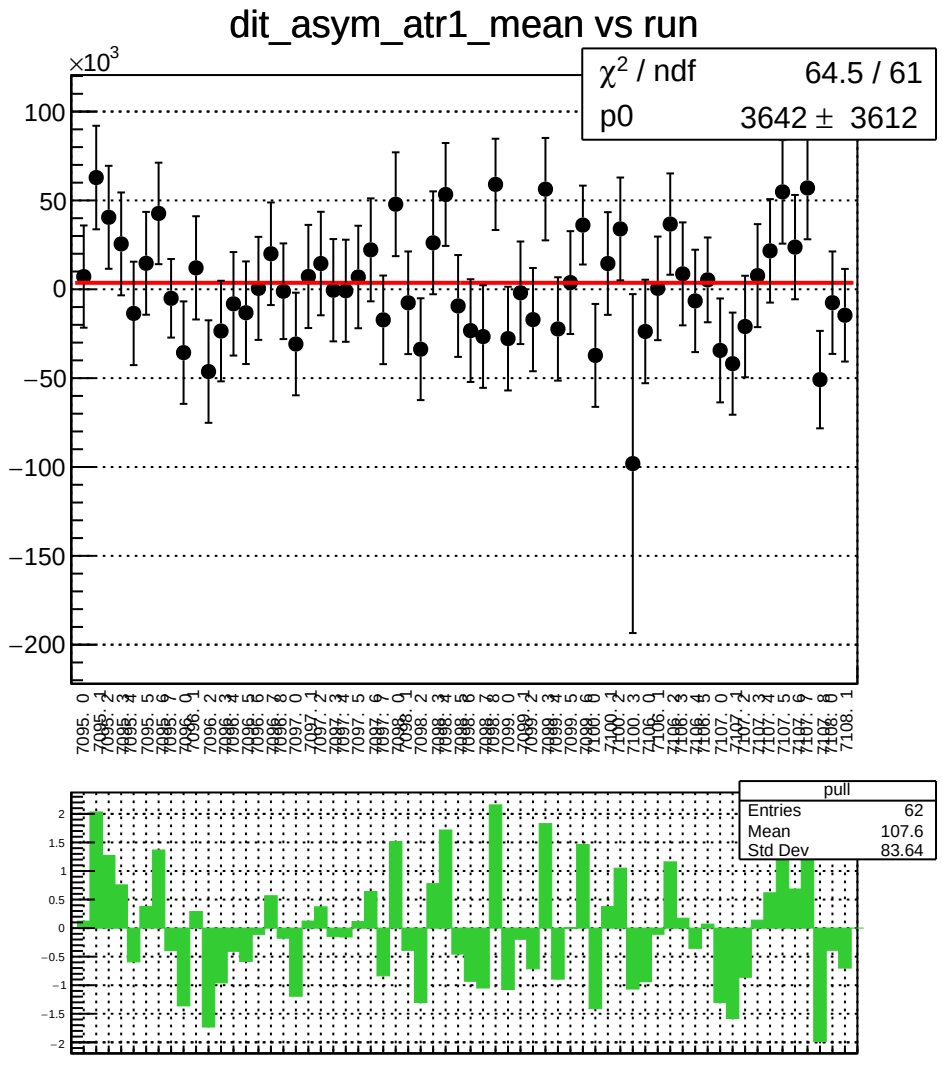

pull1D
Entries 62
Mean −0.01615
Std Dev 1.162

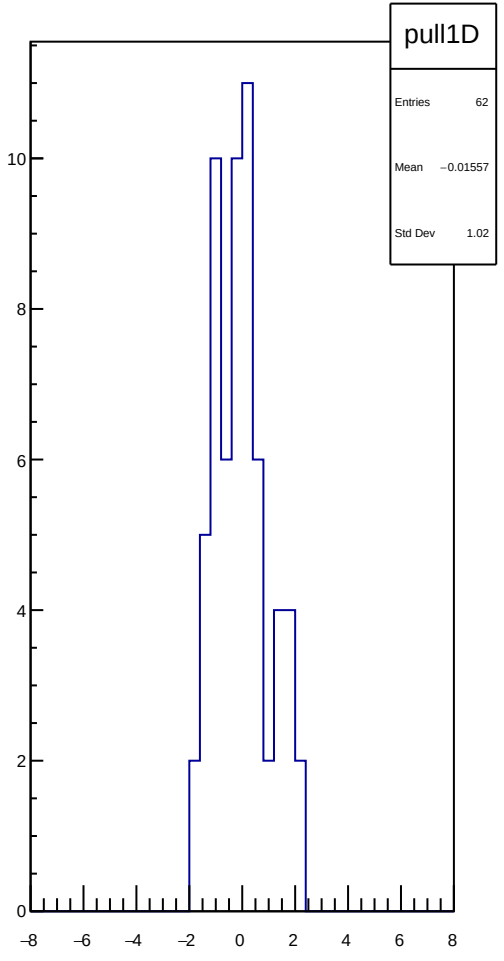

asym_atl2_correction_rms vs run
χ² / ndf 1.809e+04 / 61
p0 1.298e+04 ± 12.07
18000
17000
16000
15000
14000
13000
12000
11000
10000

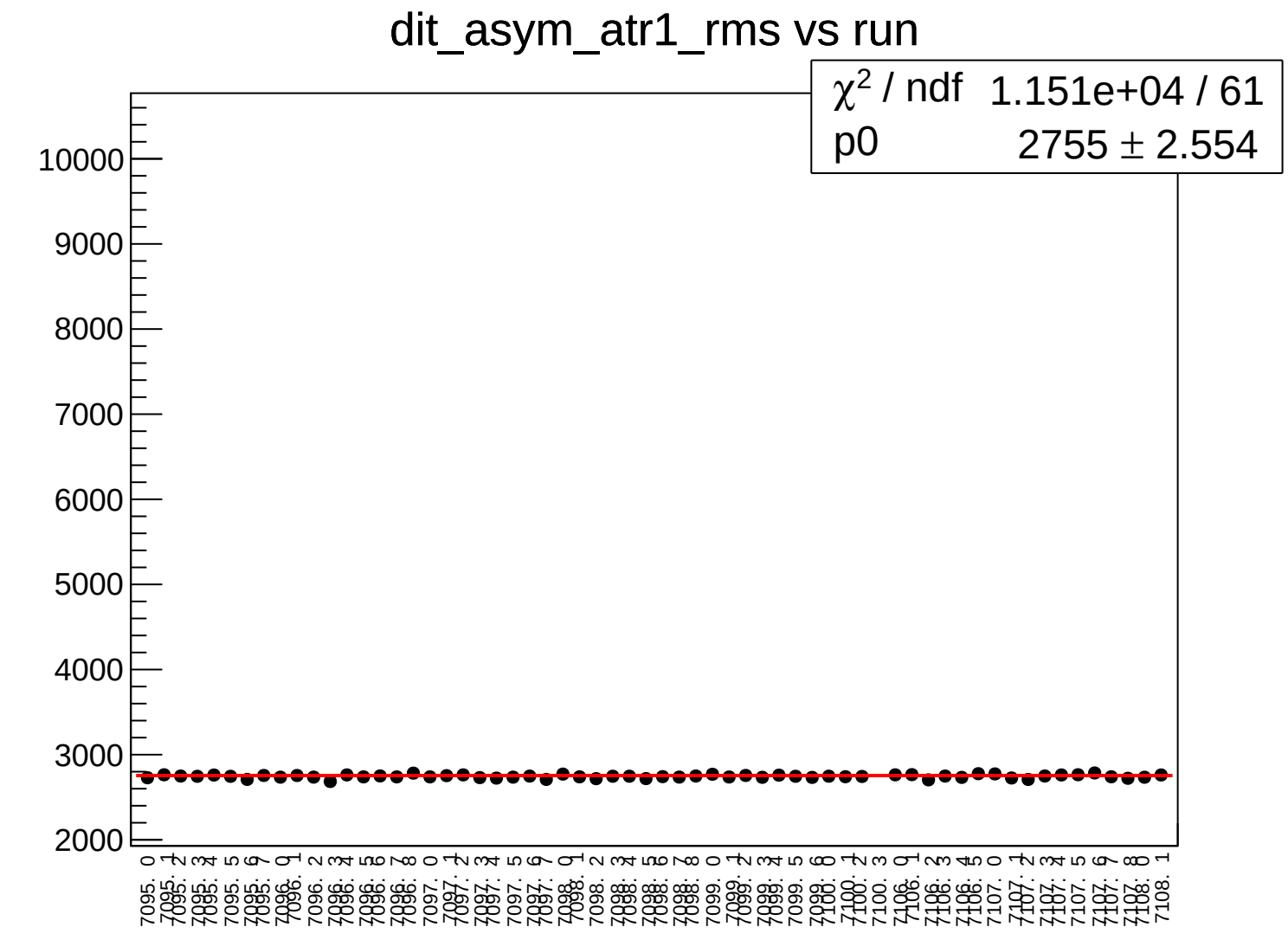

asym_atl2_mean vs run
×10^3
χ² / ndf 74.66 / 61
p0 1.757e+04 ± 1.77e+04
400
200
0
−200
−400
−600
pull
Entries 62
Mean 160
Std Dev 140.9
2
1
0
−1
−2
−3

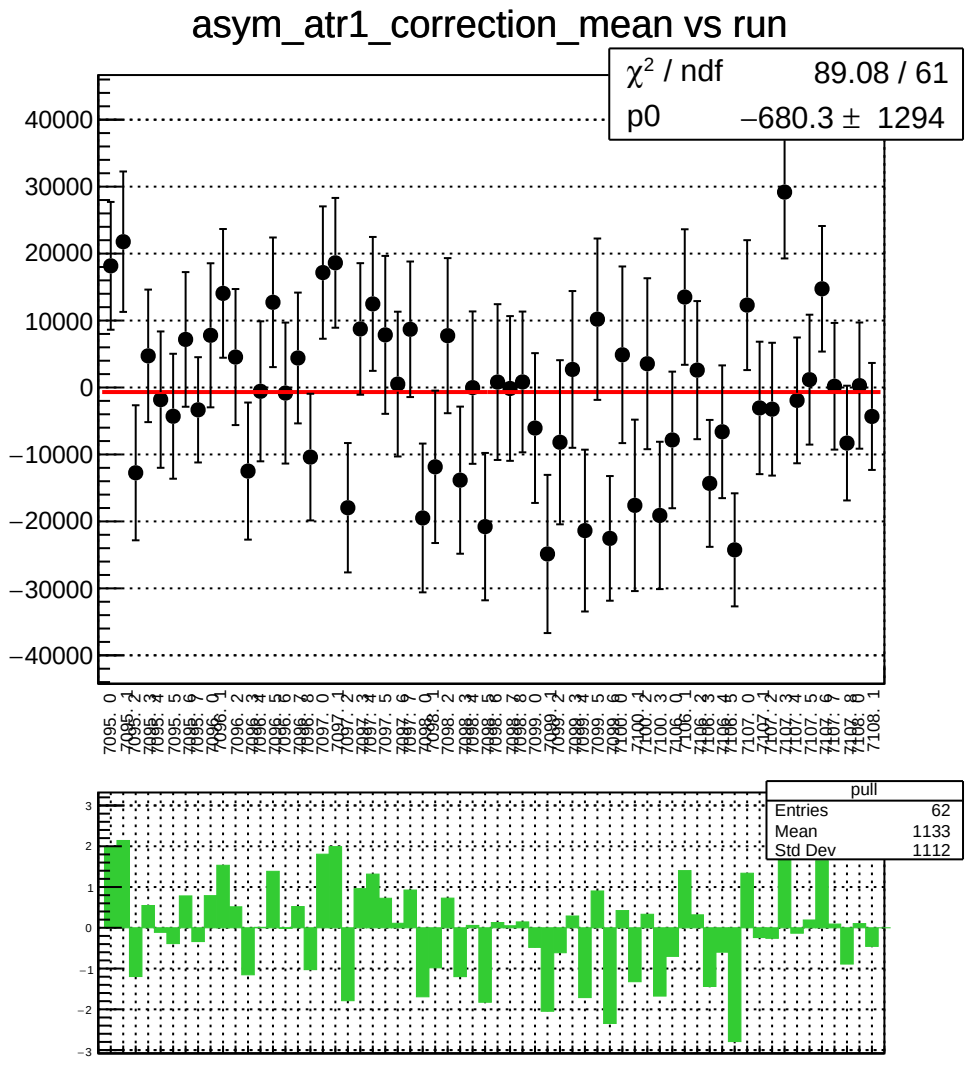

pull1D
Entries 62
Mean 0.01746
Std Dev 1.097
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

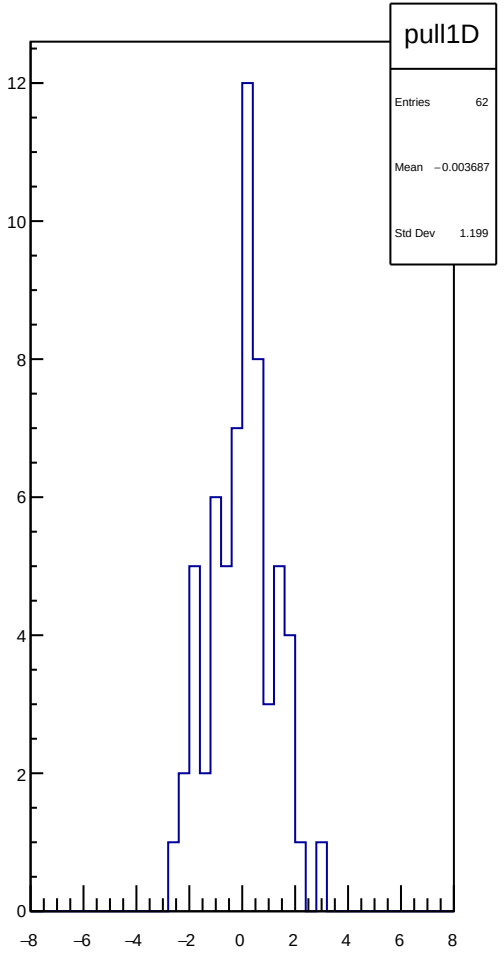

asym_atl2_rms vs run
χ² / ndf 1.649e+04 / 61
p0 1.347e+04 ± 12.51
19000
18000
17000
16000
15000
14000
13000
12000
11000

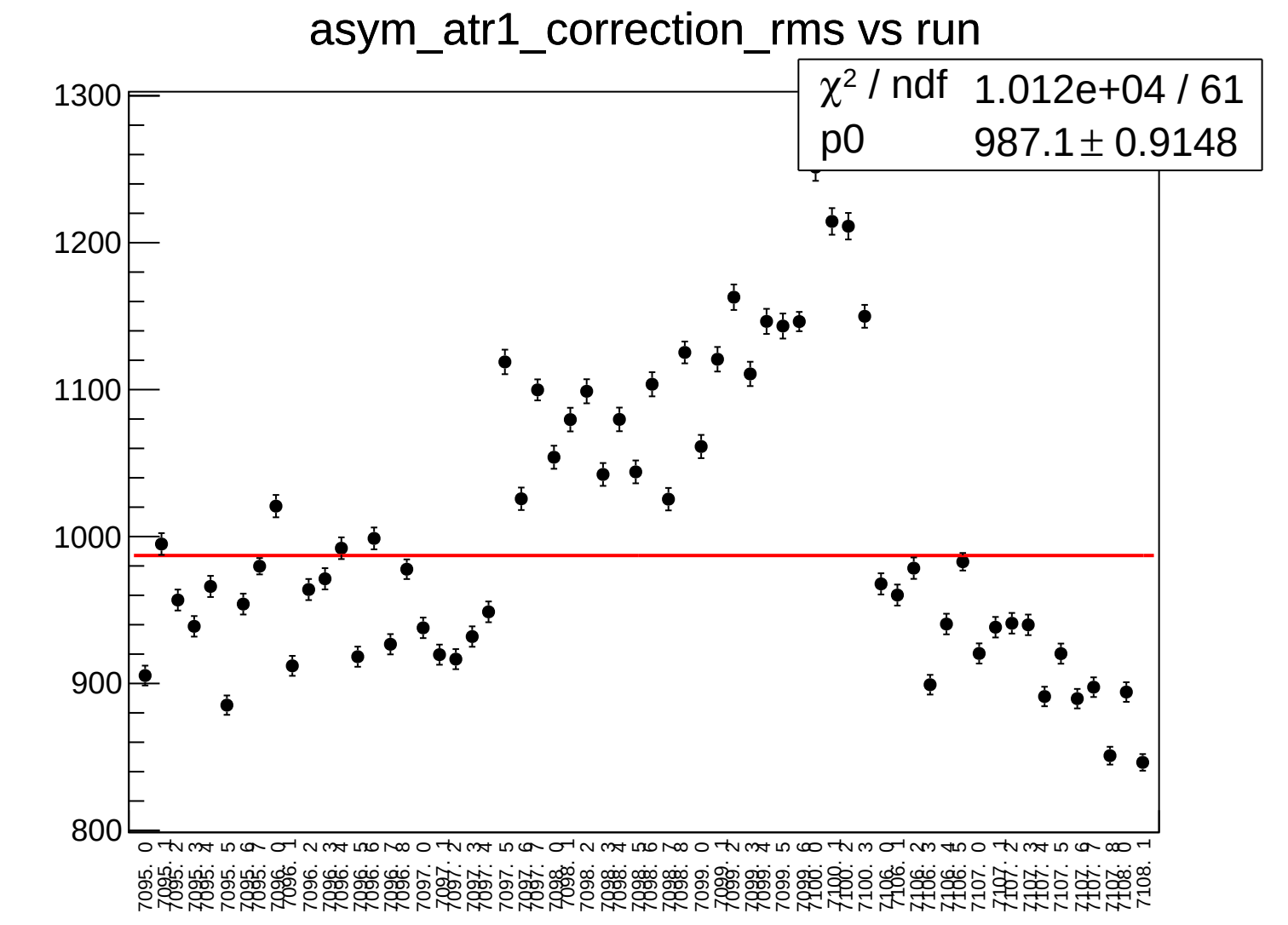

dit_asym_atr1_mean vs run
×10^3
χ² / ndf 64.5 / 61
p0 3642 ± 3612
100
50
0
−50
−100
−150
−200
pull
Entries 62
Mean 107.6
Std Dev 83.64
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

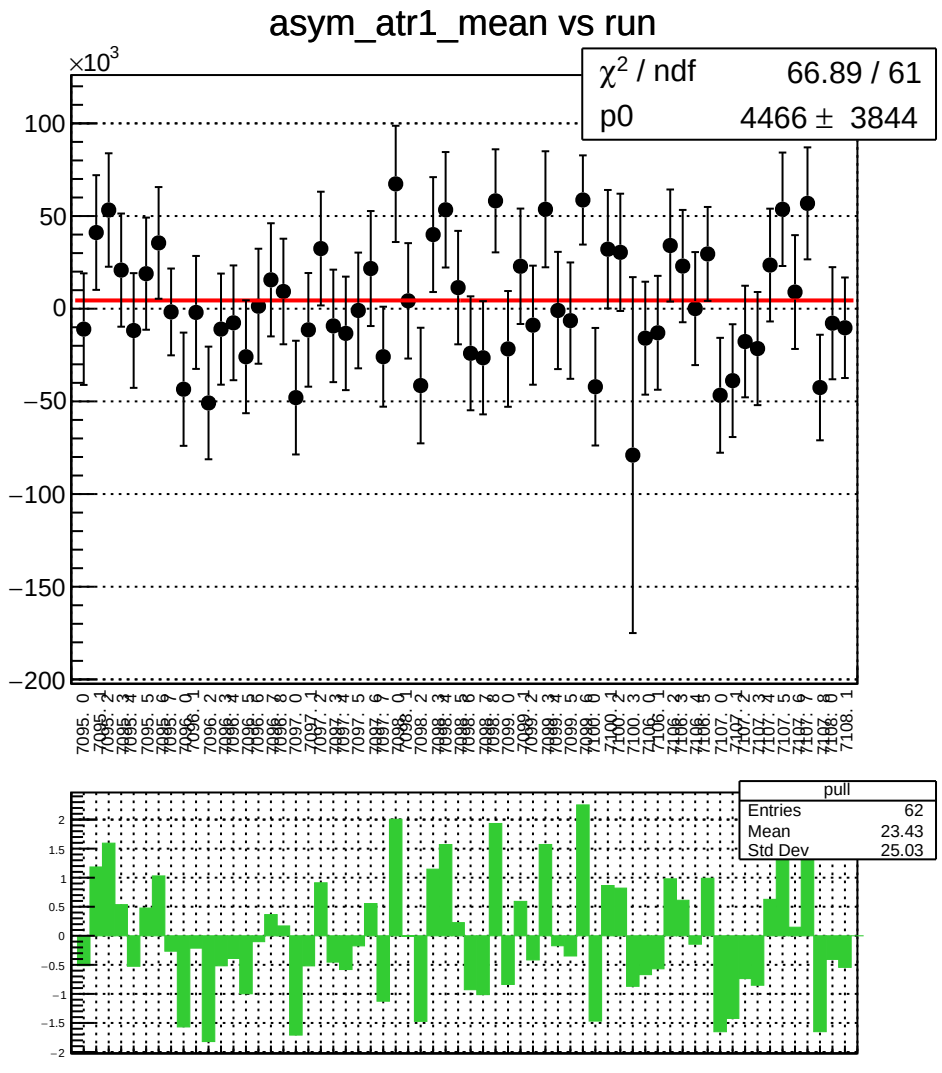

pull1D
Entries 62
Mean −0.01557
Std Dev 1.02
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

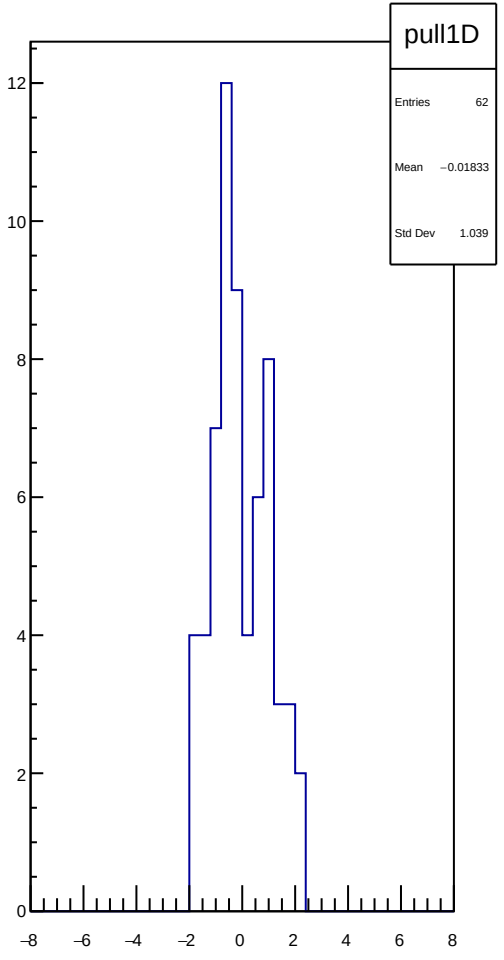

dit_asym_atr1_rms vs run
χ^2 / ndf 1.151e+04 / 61
p0 2755 ± 2.554
10000
9000
8000
7000
6000
5000
4000
3000
2000
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

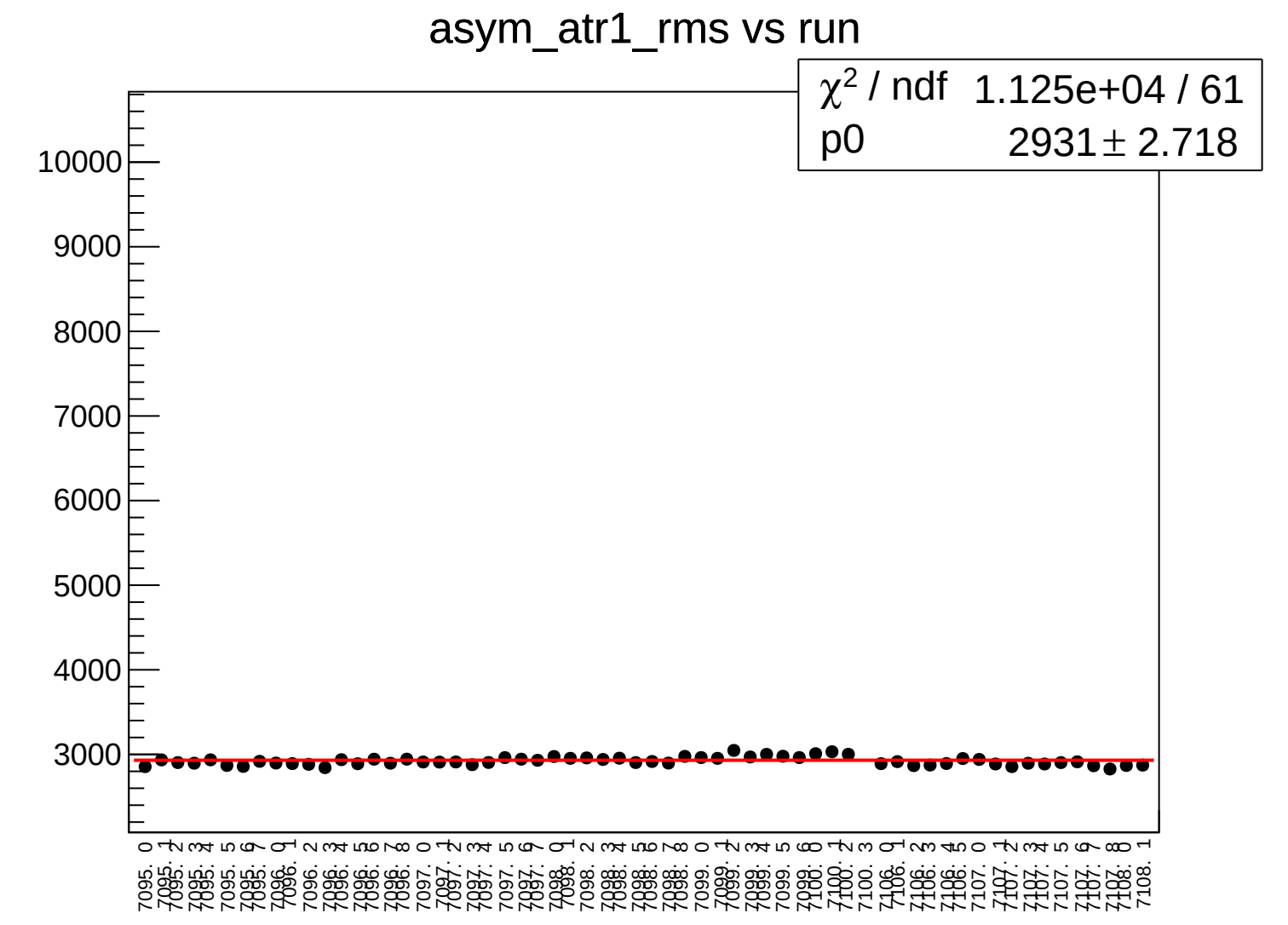

asym_atr1_correction_mean vs run
χ² / ndf 89.08 / 61
p0 −680.3 ± 1294
pull
Entries 62
Mean 1133
Std Dev 1112

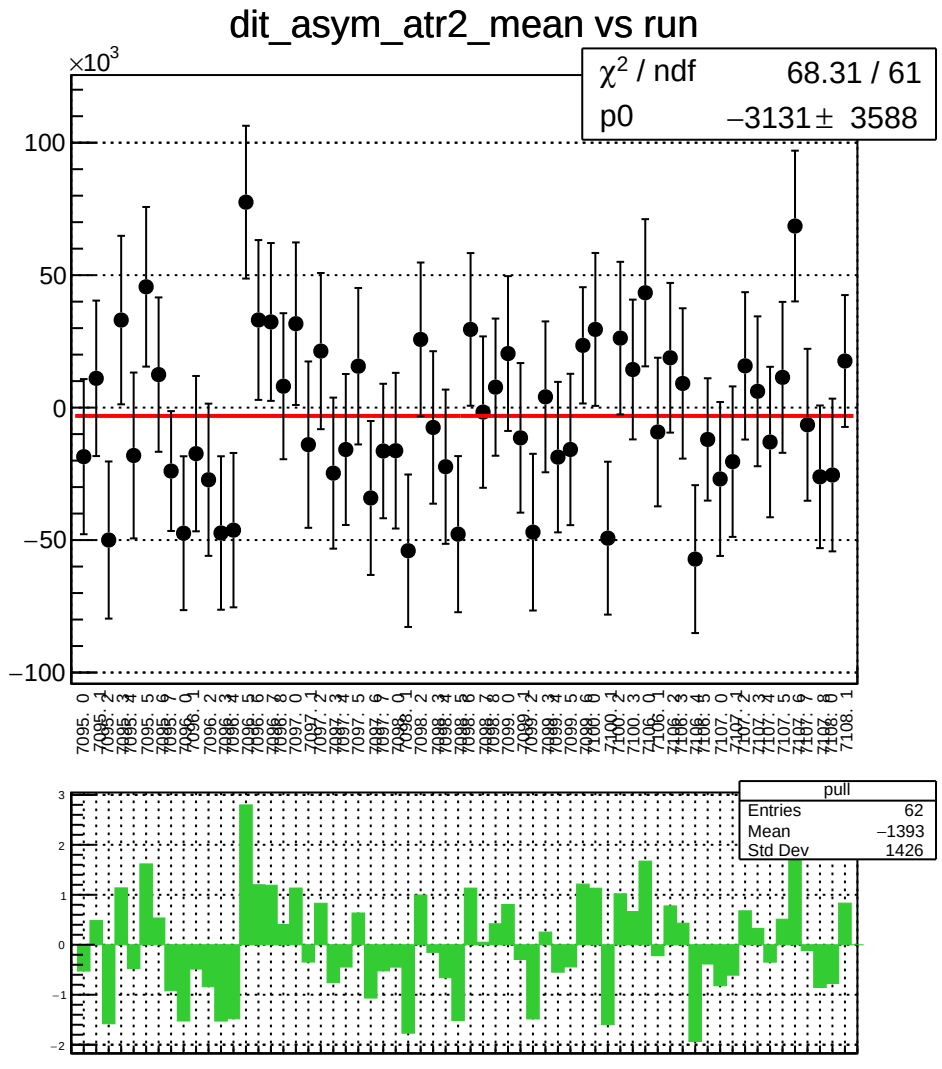

pull1D
Entries 62
Mean −0.003687
Std Dev 1.199

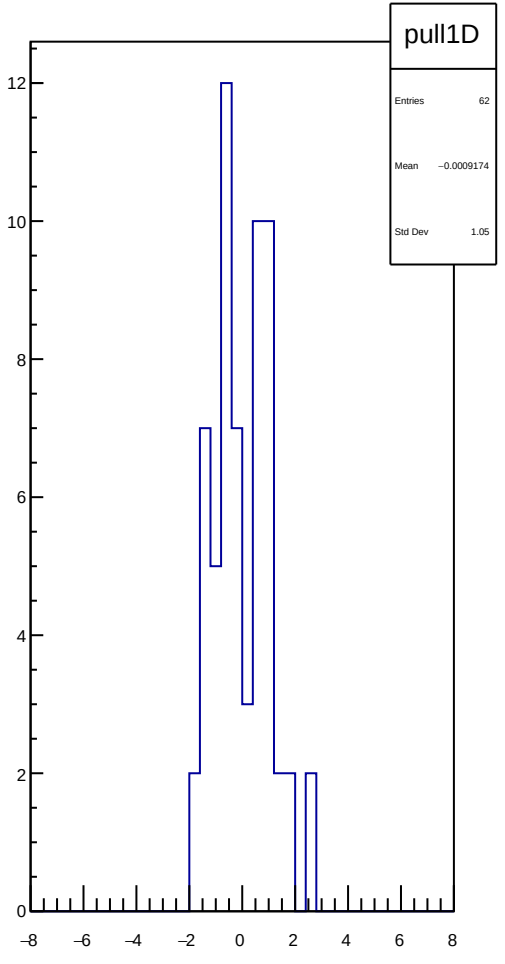

asym_atr1_correction_rms vs run
χ² / ndf 1.012e+04 / 61
p0 987.1 ± 0.9148
1300
1200
1100
1000
900
800

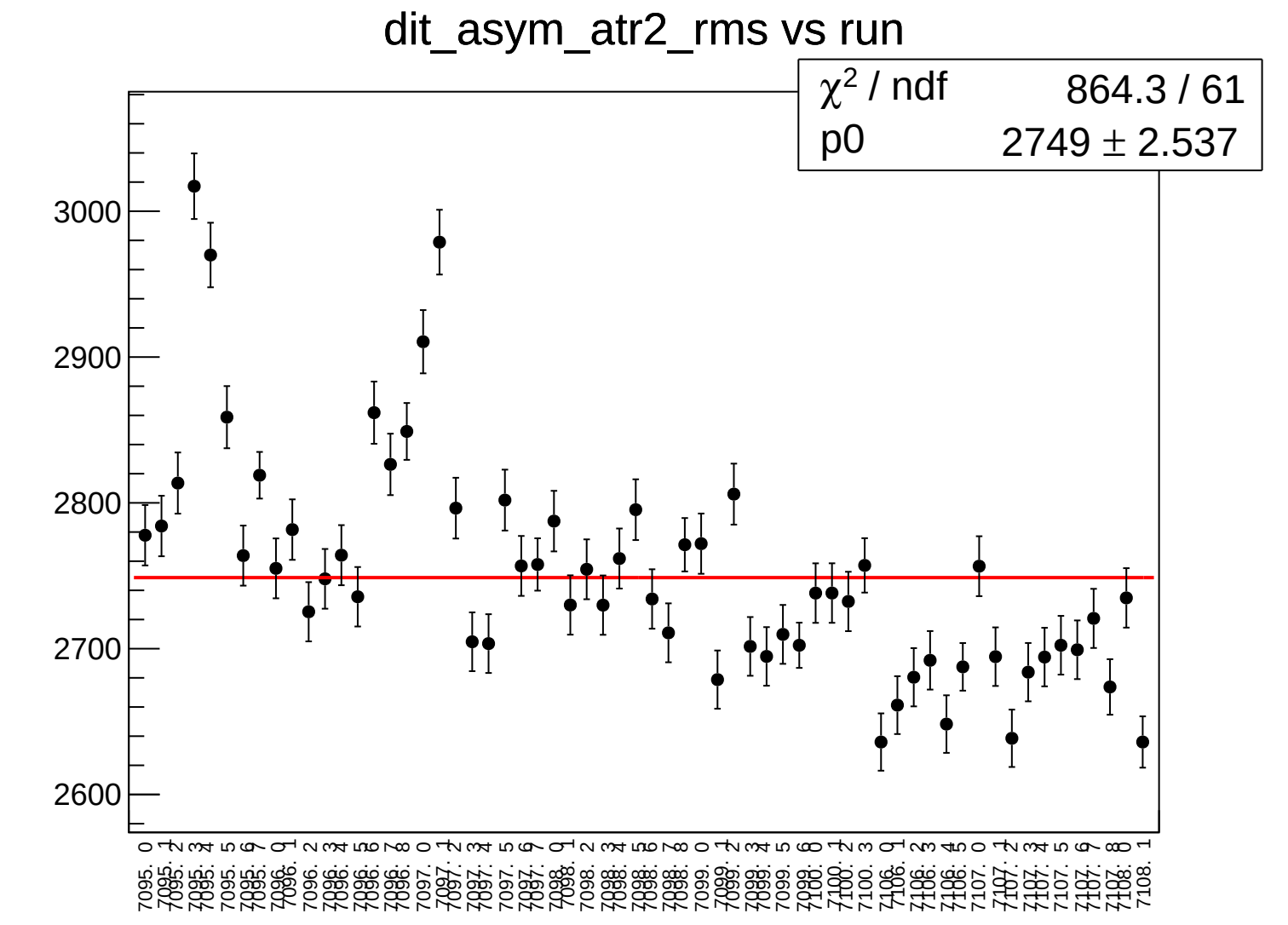

asym_atr1_mean vs run
×10^3
χ² / ndf 66.89 / 61
p0 4466 ± 3844
pull
Entries 62
Mean 23.43
Std Dev 25.03

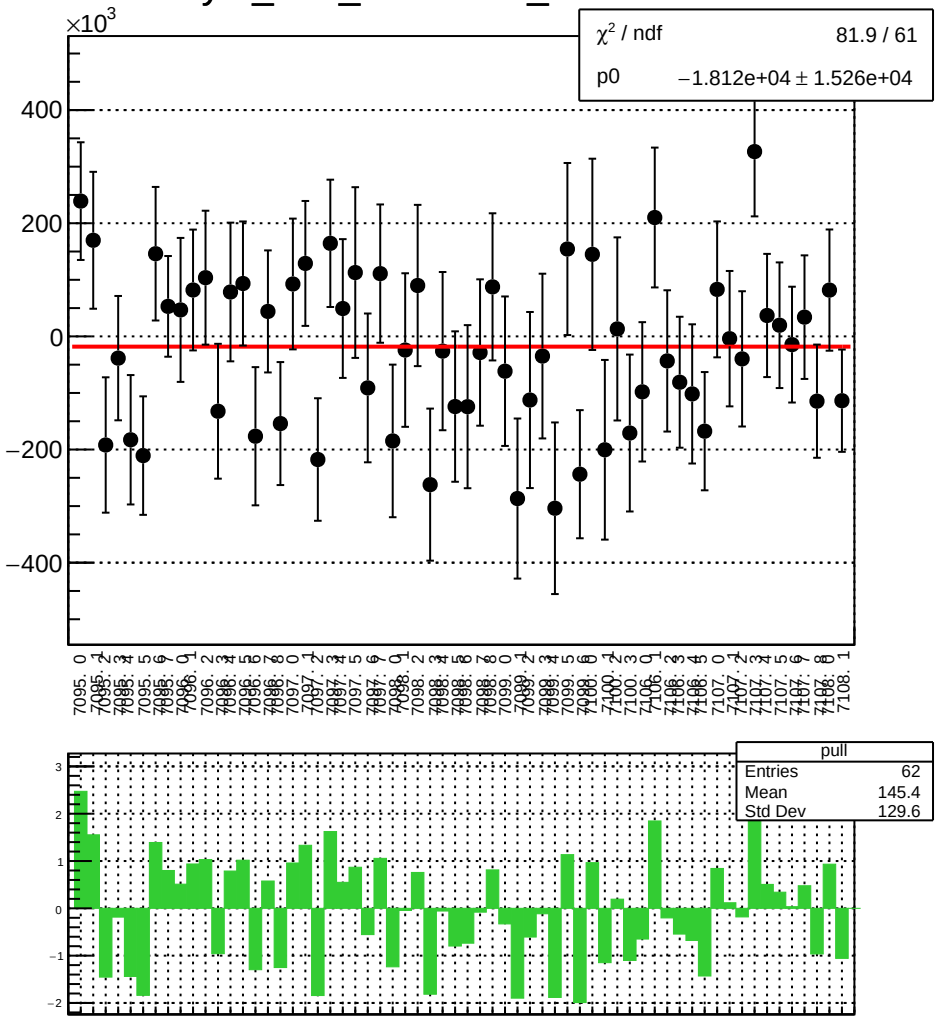

pull1D
Entries 62
Mean −0.01833
Std Dev 1.039

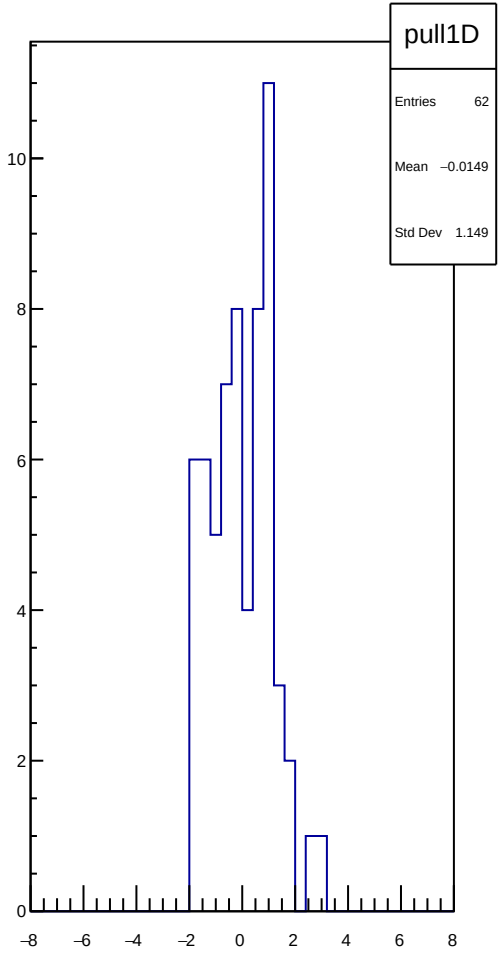

asym_atr1_rms vs run
χ² / ndf 1.125e+04 / 61
p0 2931 ± 2.718
10000
9000
8000
7000
6000
5000
4000
3000
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

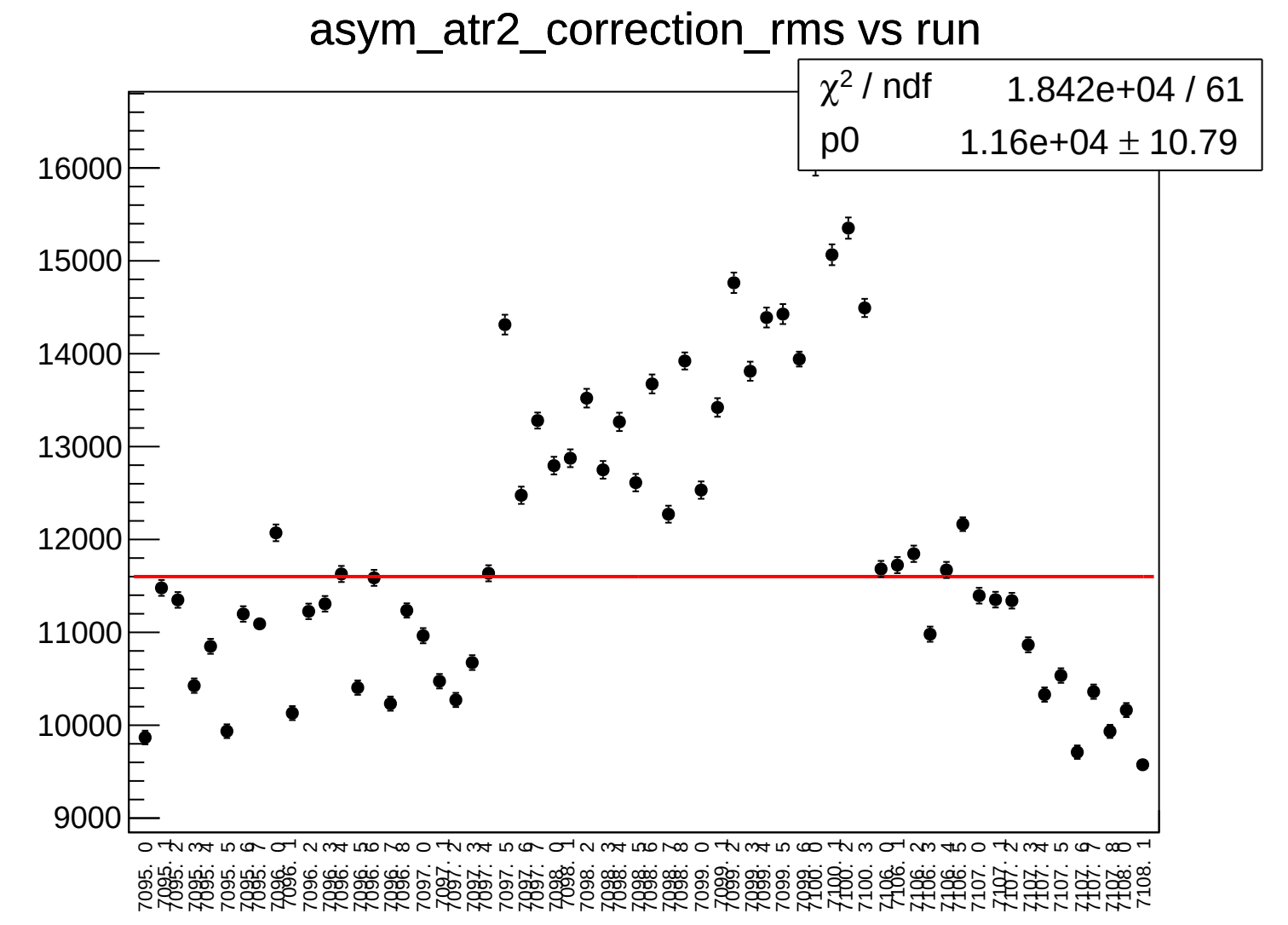

dit_asym_atr2_mean vs run
×10^3
χ² / ndf 68.31 / 61
p0 −3131 ± 3588
100
50
0
−50
−100
pull
Entries 62
Mean −1393
Std Dev 1426
3
2
1
0
−1
−2

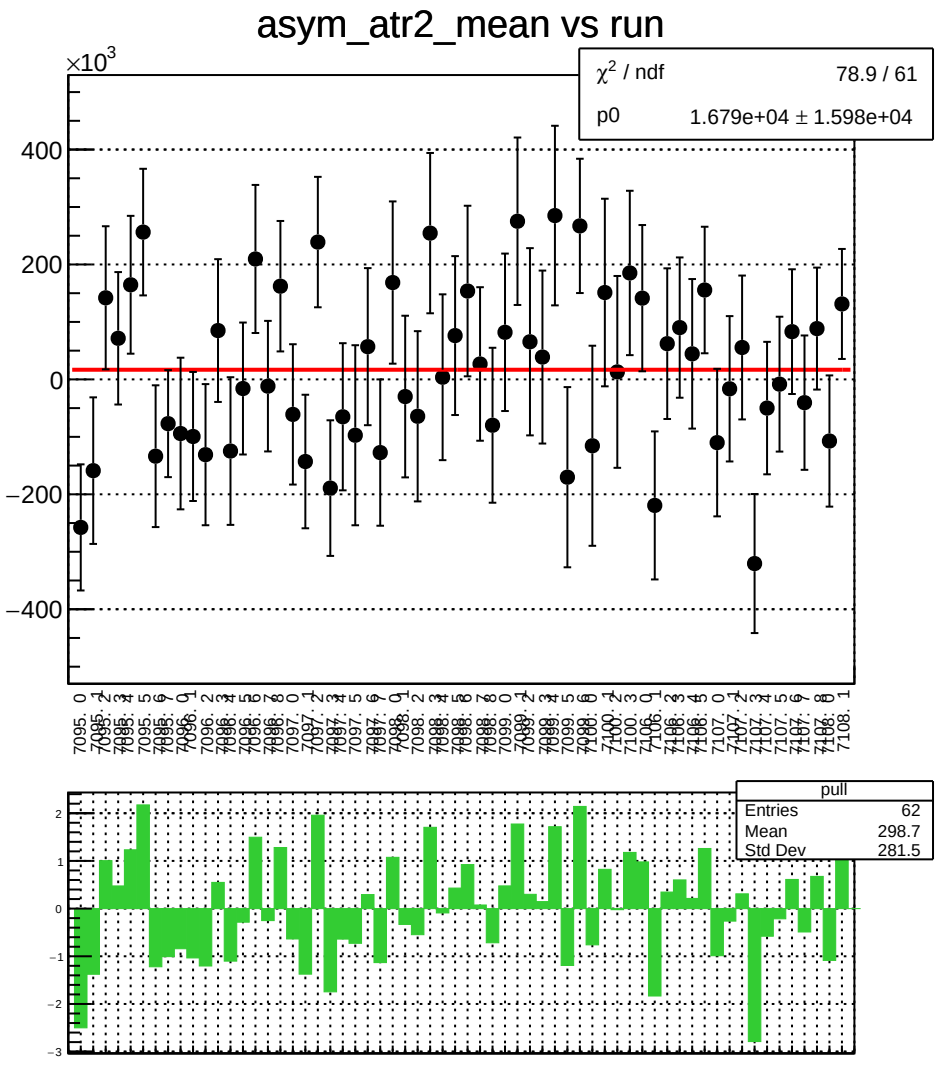

pull1D
Entries 62
Mean −0.0009174
Std Dev 1.05
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

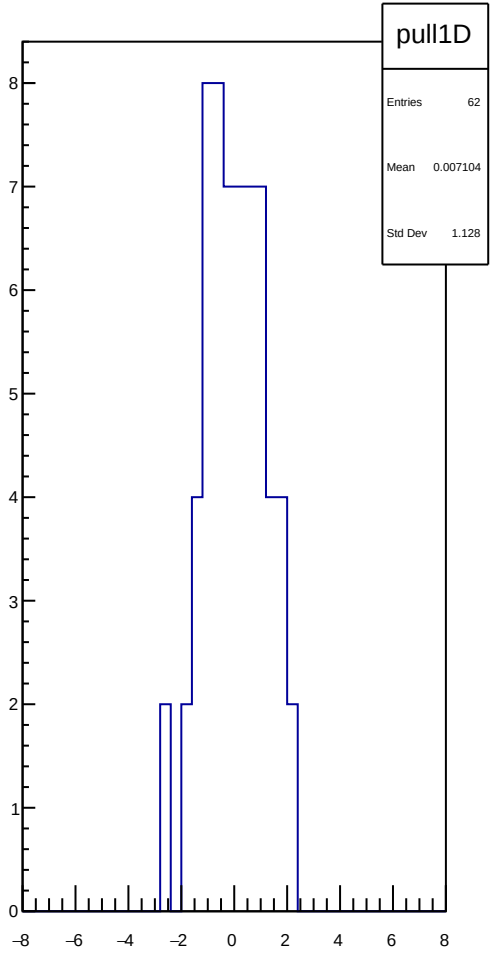

dit_asym_atr2_rms vs run
χ^2 / ndf 864.3 / 61
p0 2749 ± 2.537
3000
2900
2800
2700
2600

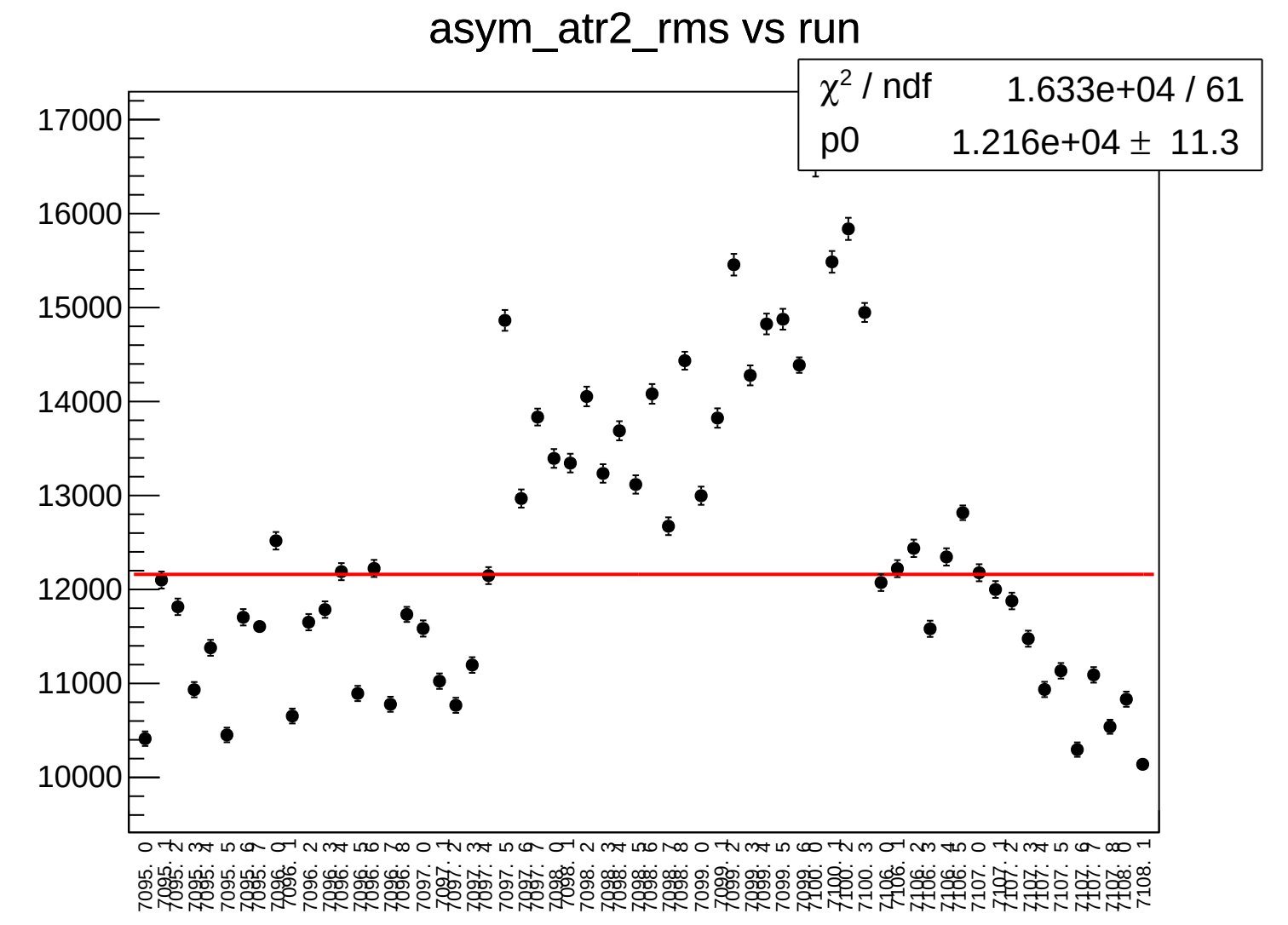

asym_atr2_correction_mean vs run
×10^3
χ² / ndf 81.9 / 61
p0 −1.812e+04 ± 1.526e+04
pull
Entries 62
Mean 145.4
Std Dev 129.6

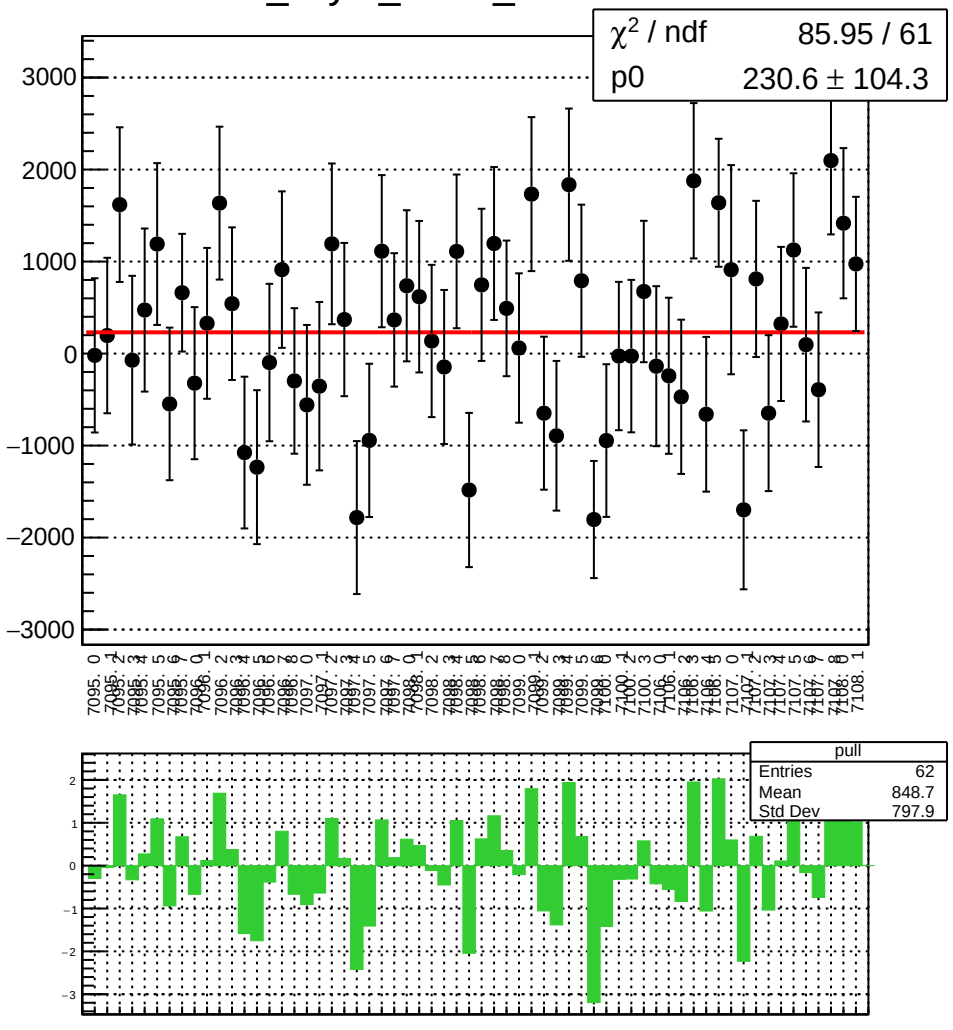

pull1D
Entries 62
Mean −0.0149
Std Dev 1.149

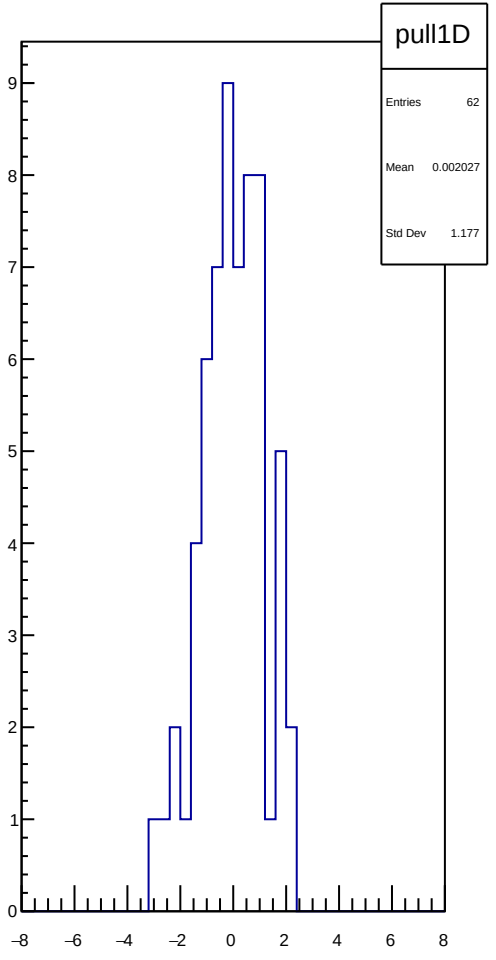

asym_atr2_correction_rms vs run
χ^2 / ndf 1.842e+04 / 61
p0 1.16e+04 ± 10.79
16000
15000
14000
13000
12000
11000
10000
9000

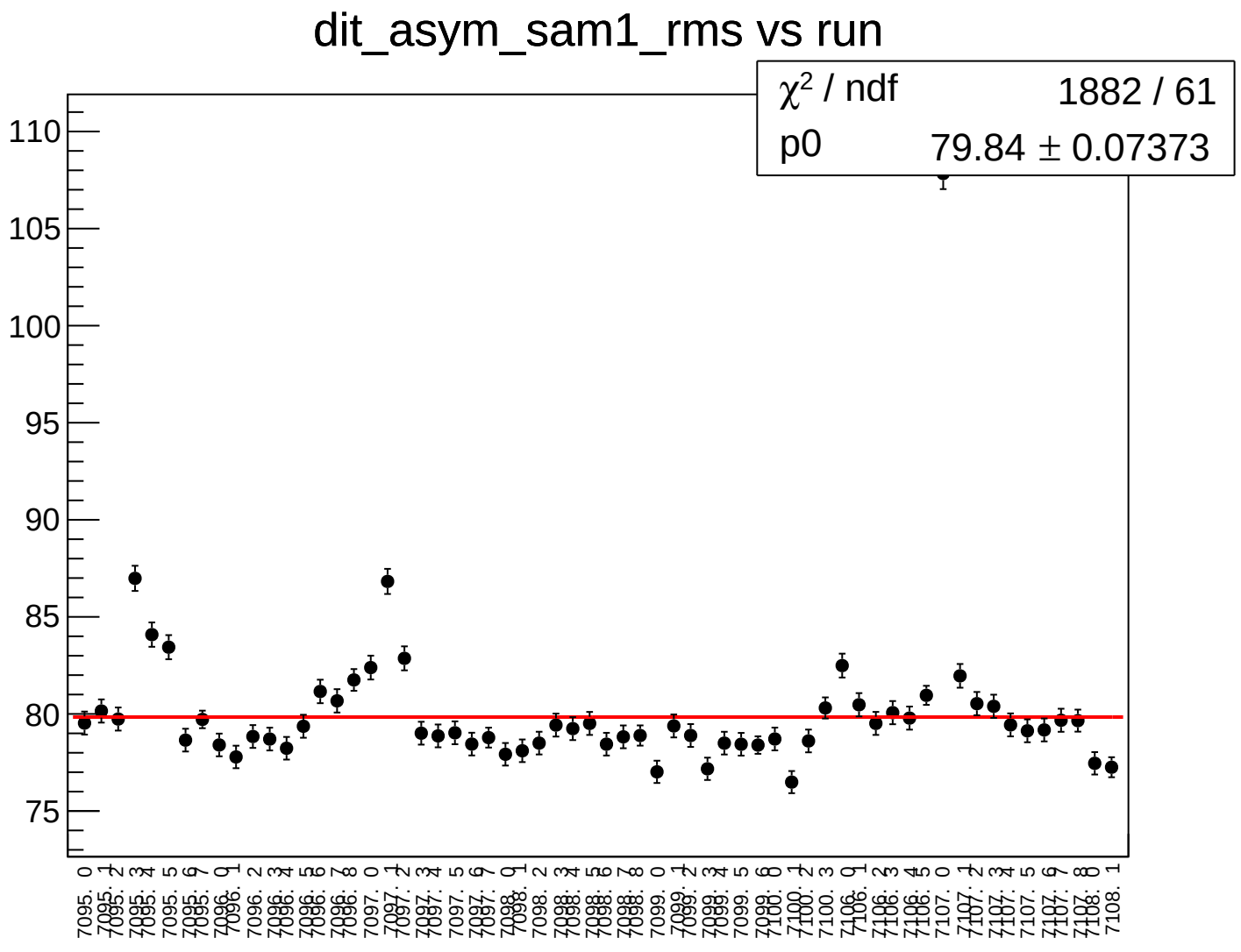

asym_atr2_mean vs run
×10^3
χ² / ndf 78.9 / 61
p0 1.679e+04 ± 1.598e+04
400
200
0
−200
−400
pull
Entries 62
Mean 298.7
Std Dev 281.5
2
1
0
−1
−2
−3

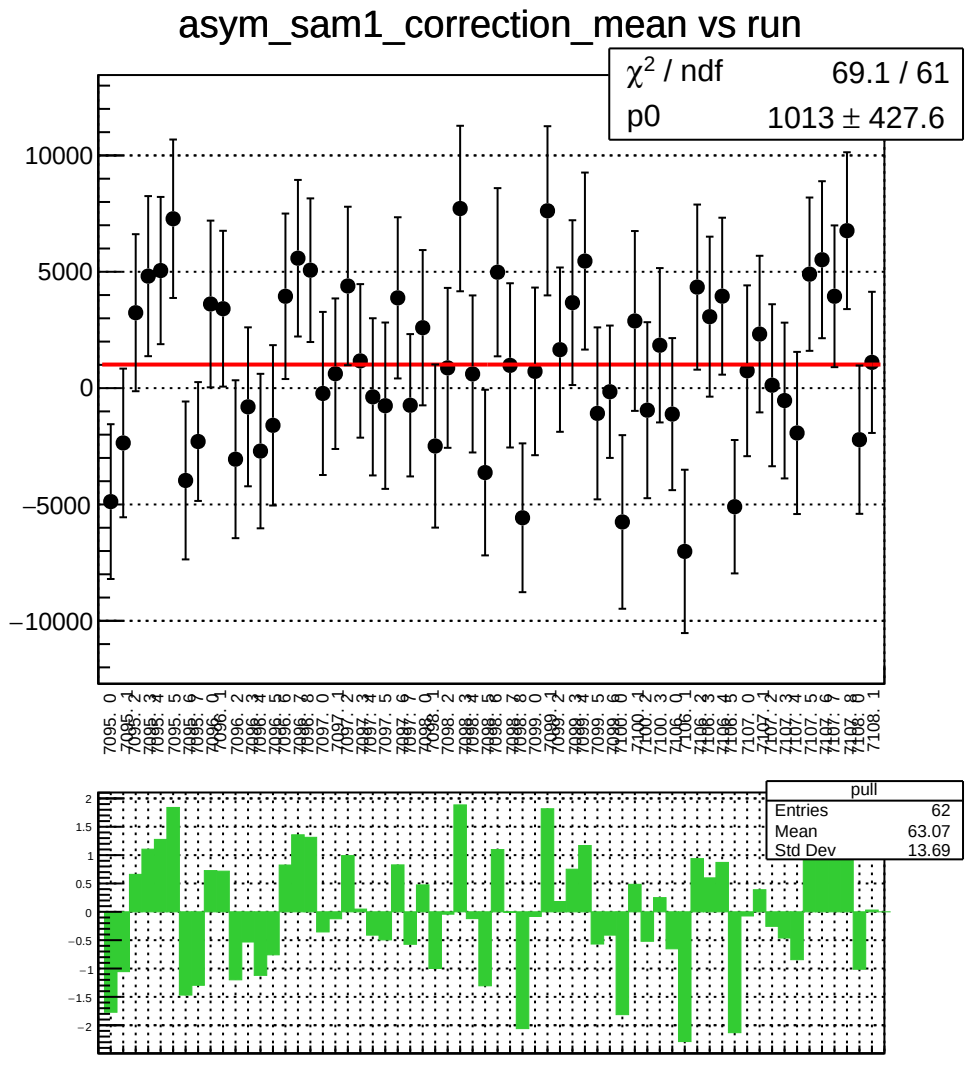

pull1D
Entries 62
Mean 0.007104
Std Dev 1.128
8
7
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

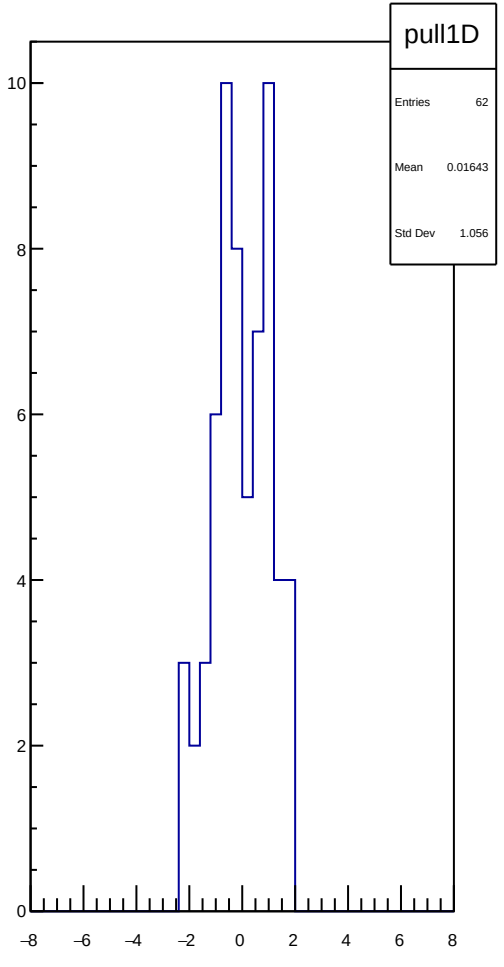

asym_atr2_rms vs run
χ² / ndf 1.633e+04 / 61
p0 1.216e+04 ± 11.3
17000
16000
15000
14000
13000
12000
11000
10000

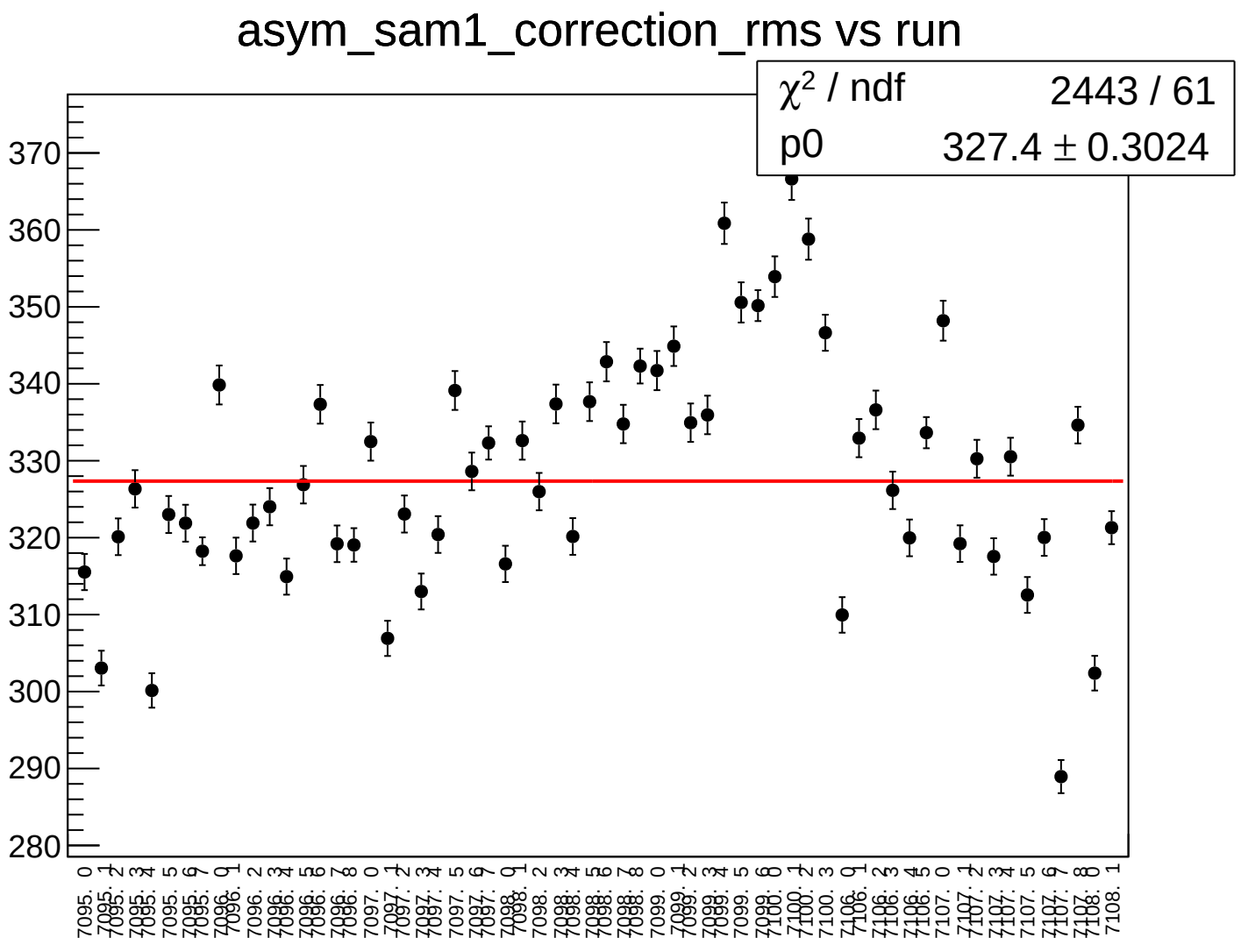

dit_asym_sam1_mean vs run
χ² / ndf 85.95 / 61
p0 230.6 ± 104.3
pull
Entries 62
Mean 848.7
Std Dev 797.9

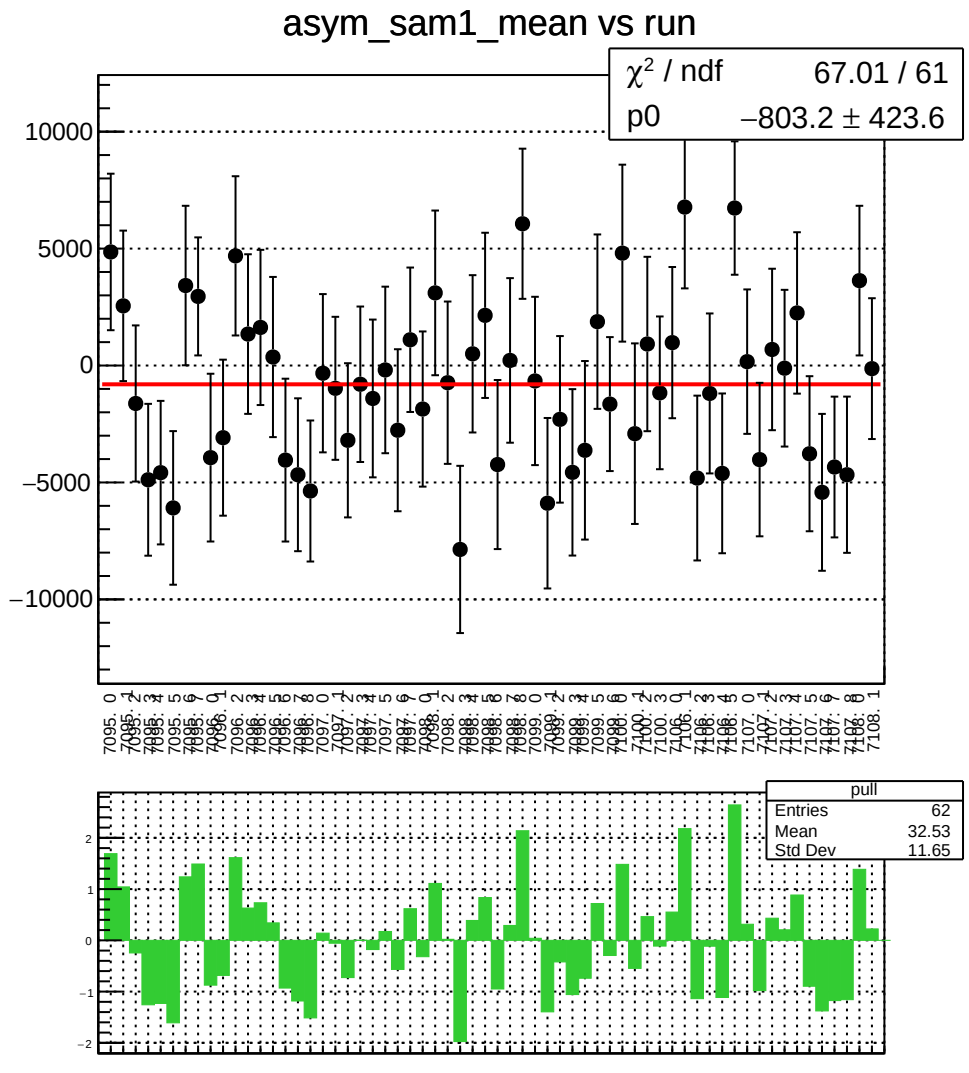

pull1D
Entries 62
Mean 0.002027
Std Dev 1.177

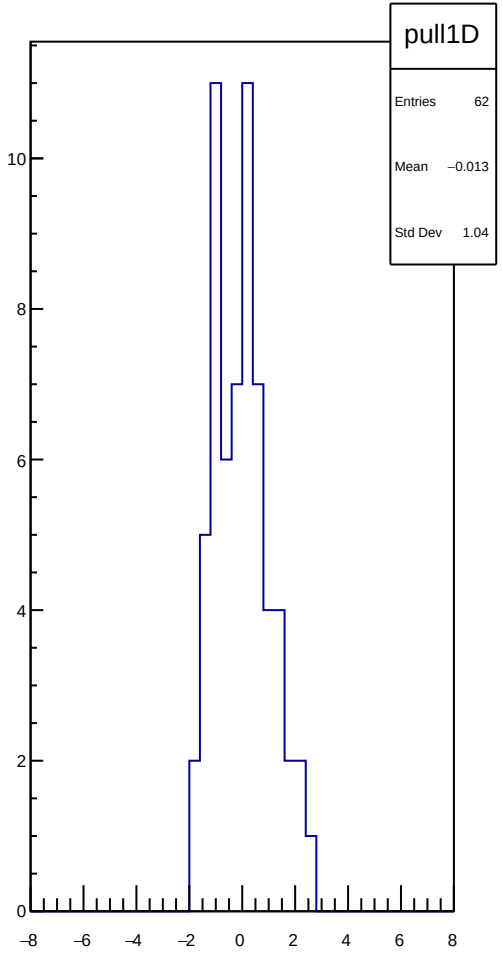

dit_asym_sam1_rms vs run
χ^2 / ndf 1882 / 61
p0 79.84 ± 0.07373
110
105
100
95
90
85
80
75

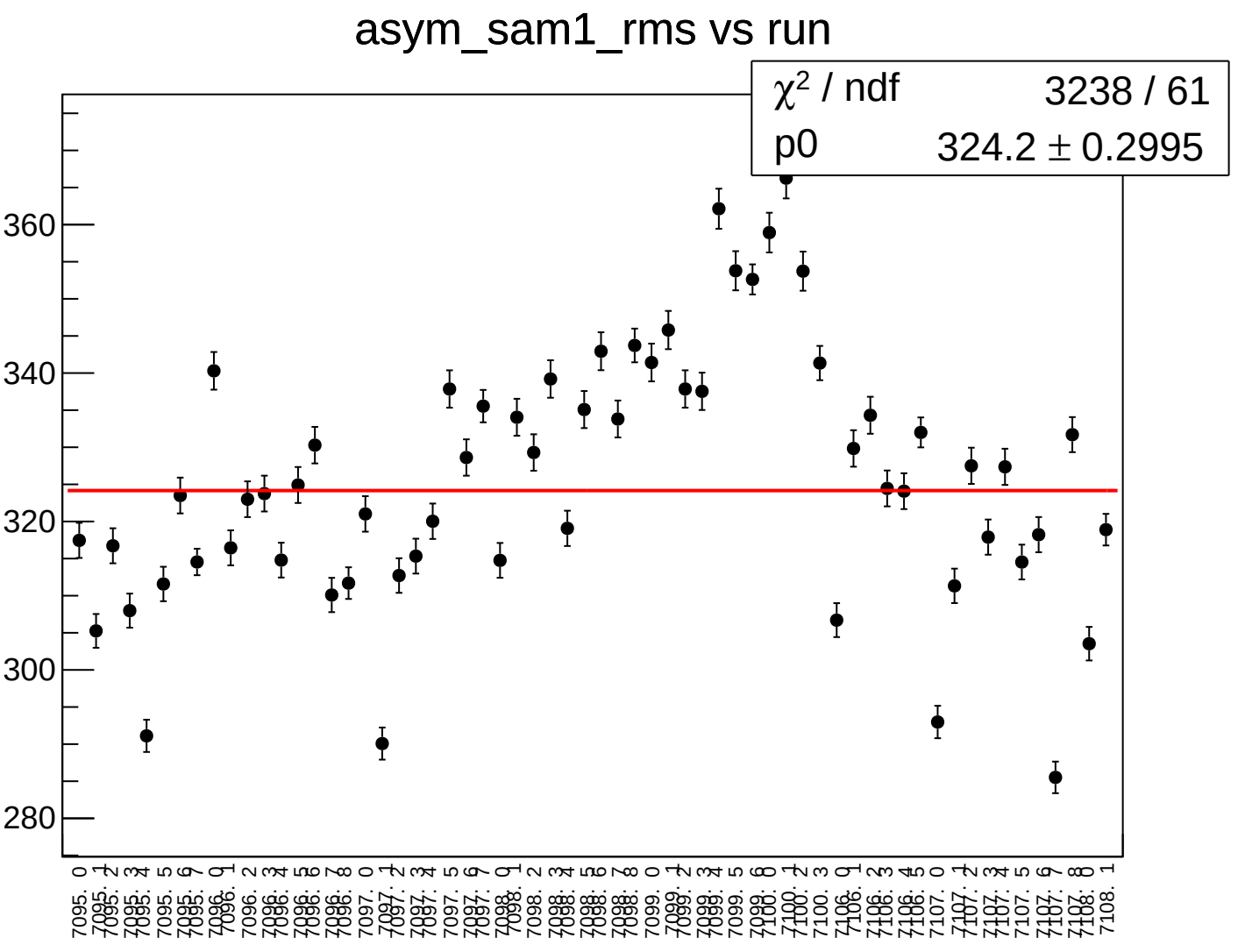

asym_sam1_correction_mean vs run
χ² / ndf 69.1 / 61
p0 1013 ± 427.6
10000
5000
0
−5000
−10000
pull
Entries 62
Mean 63.07
Std Dev 13.69
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

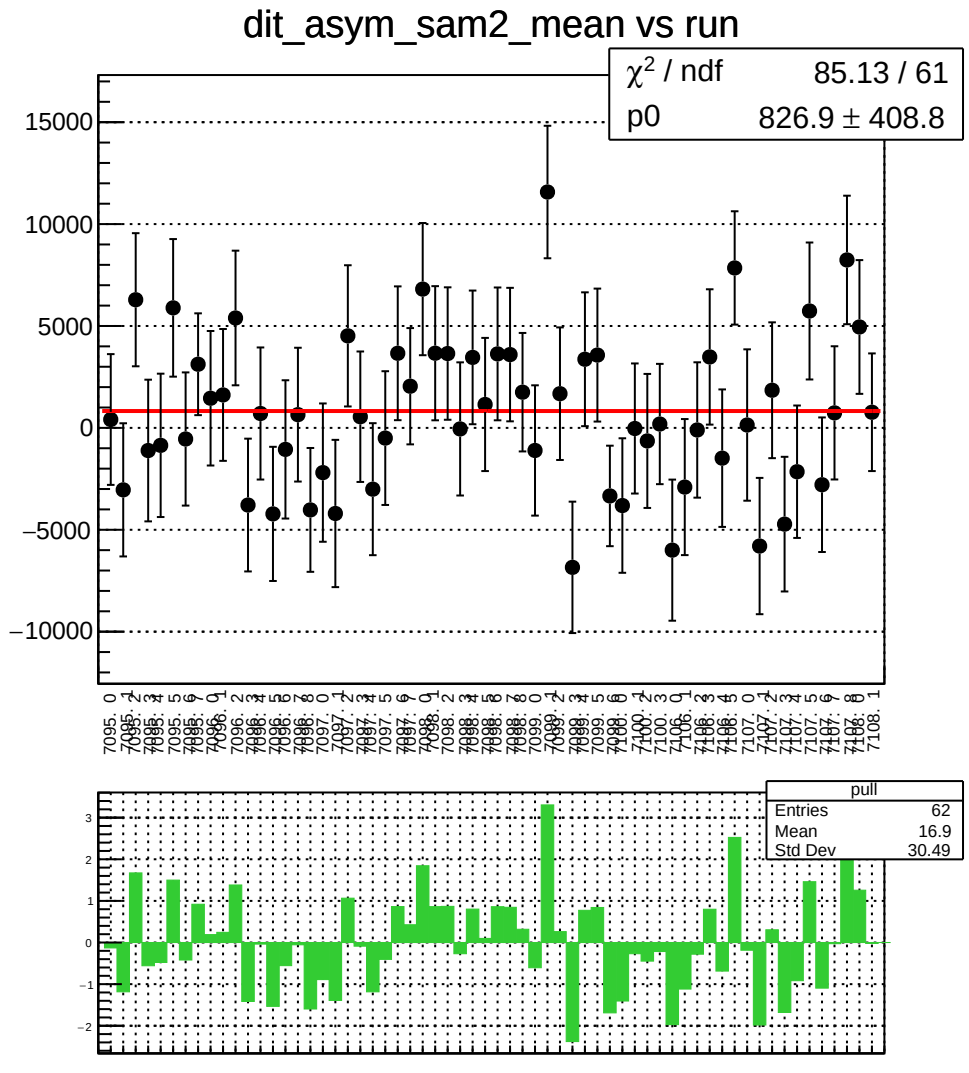

pull1D
Entries 62
Mean 0.01643
Std Dev 1.056
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

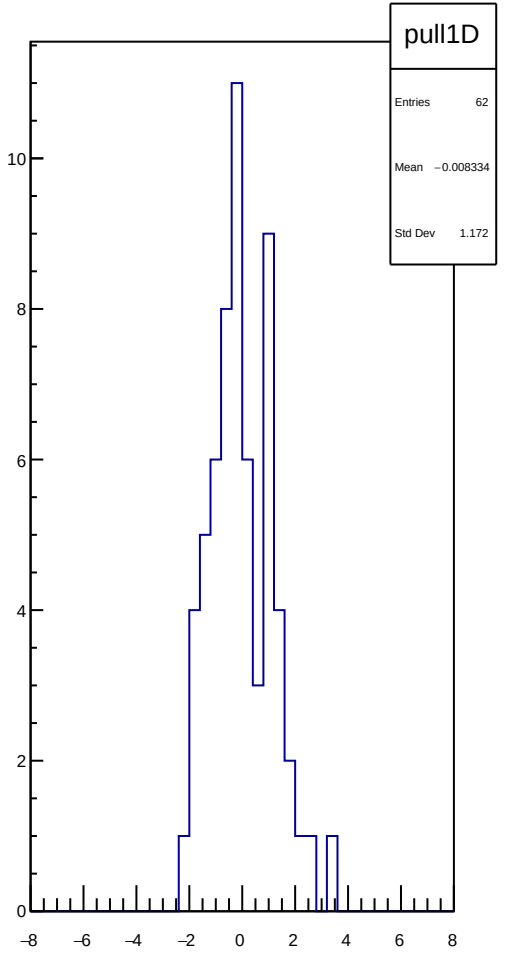

asym_sam1_correction_rms vs run
χ² / ndf 2443 / 61
p0 327.4 ± 0.3024
370
360
350
340
330
320
310
300
290
280
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7106. 6
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7108. 0
7108. 1

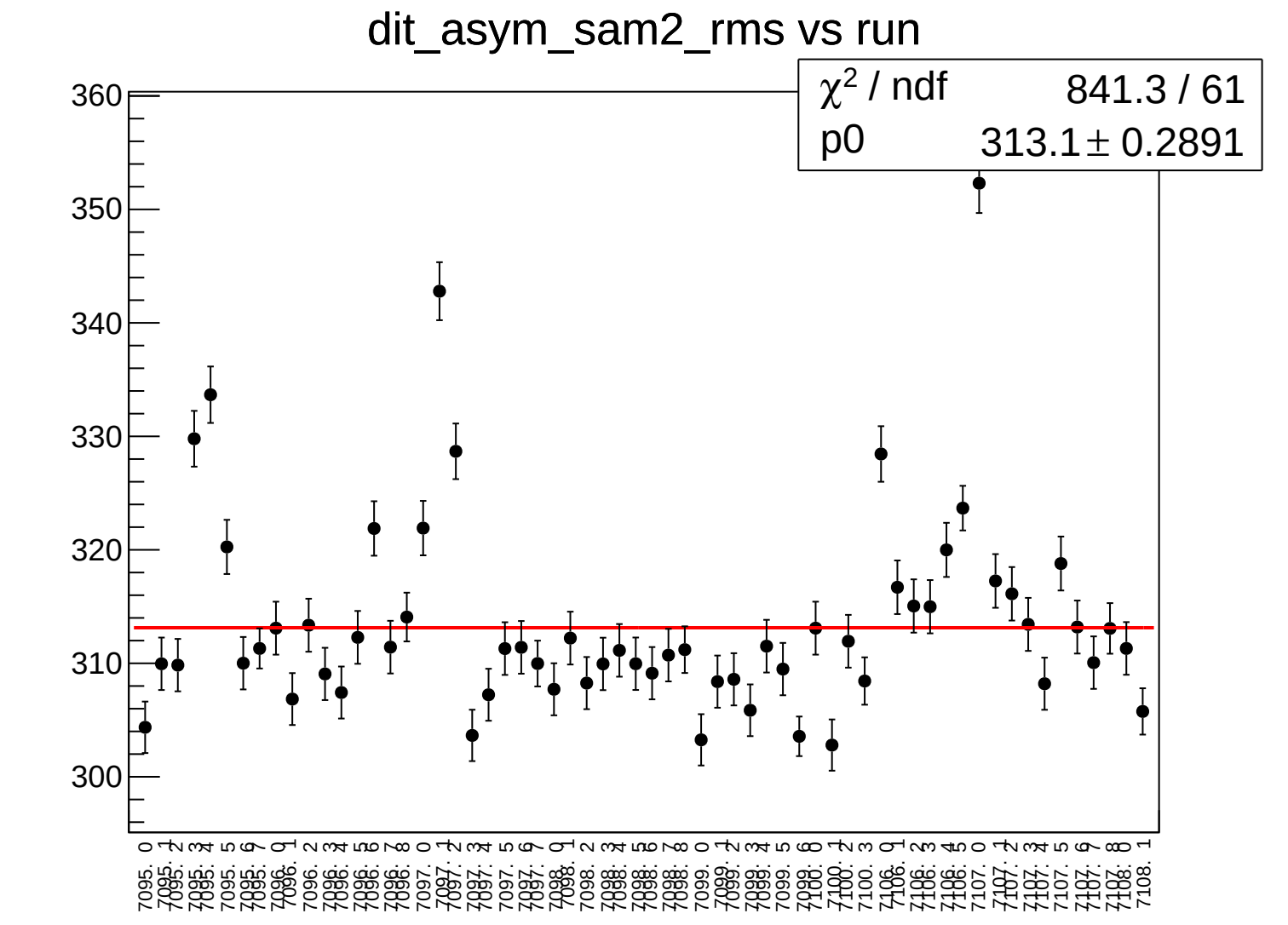

asym_sam1_mean vs run
χ² / ndf 67.01 / 61
p0 −803.2 ± 423.6
10000
5000
0
−5000
−10000
pull
Entries 62
Mean 32.53
Std Dev 11.65
2
1
0
−1
−2

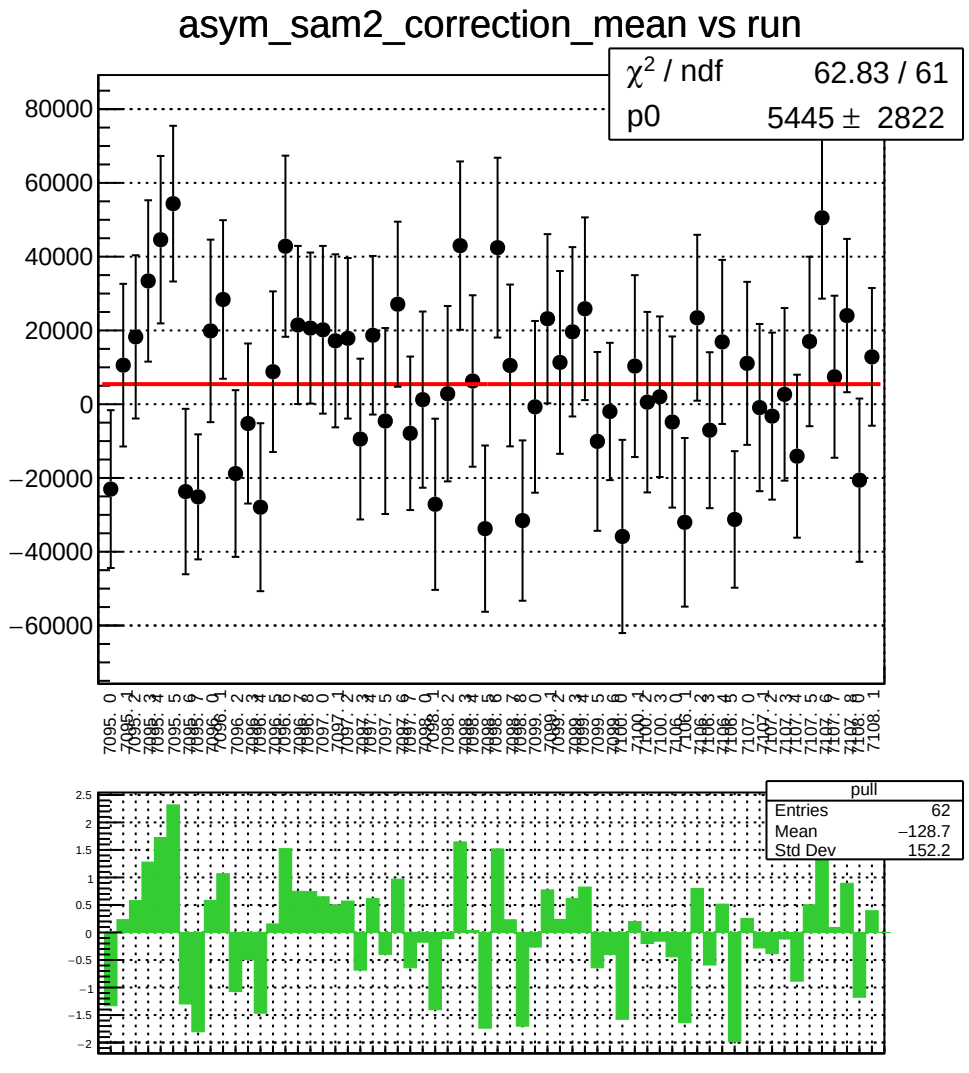

pull1D
Entries 62
Mean −0.013
Std Dev 1.04
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

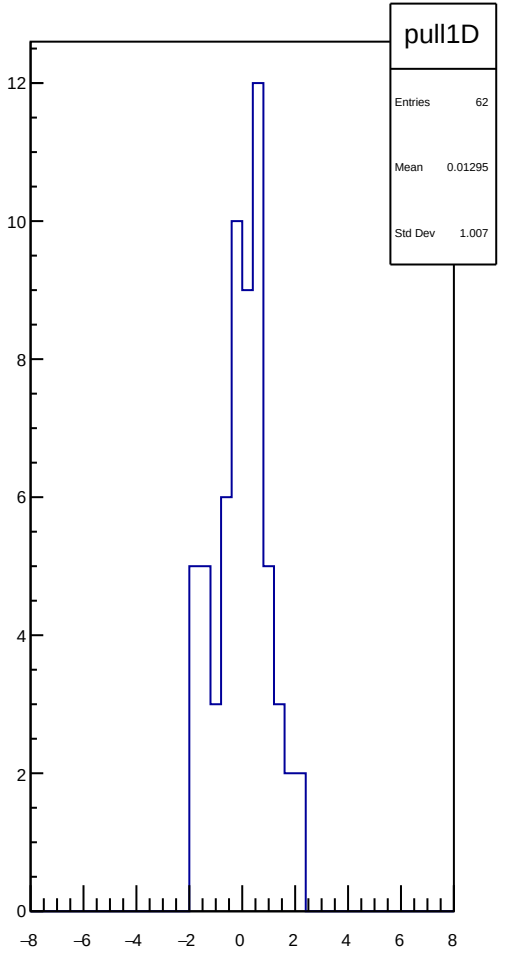

asym_sam1_rms vs run
χ² / ndf 3238 / 61
p0 324.2 ± 0.2995
360
340
320
300
280

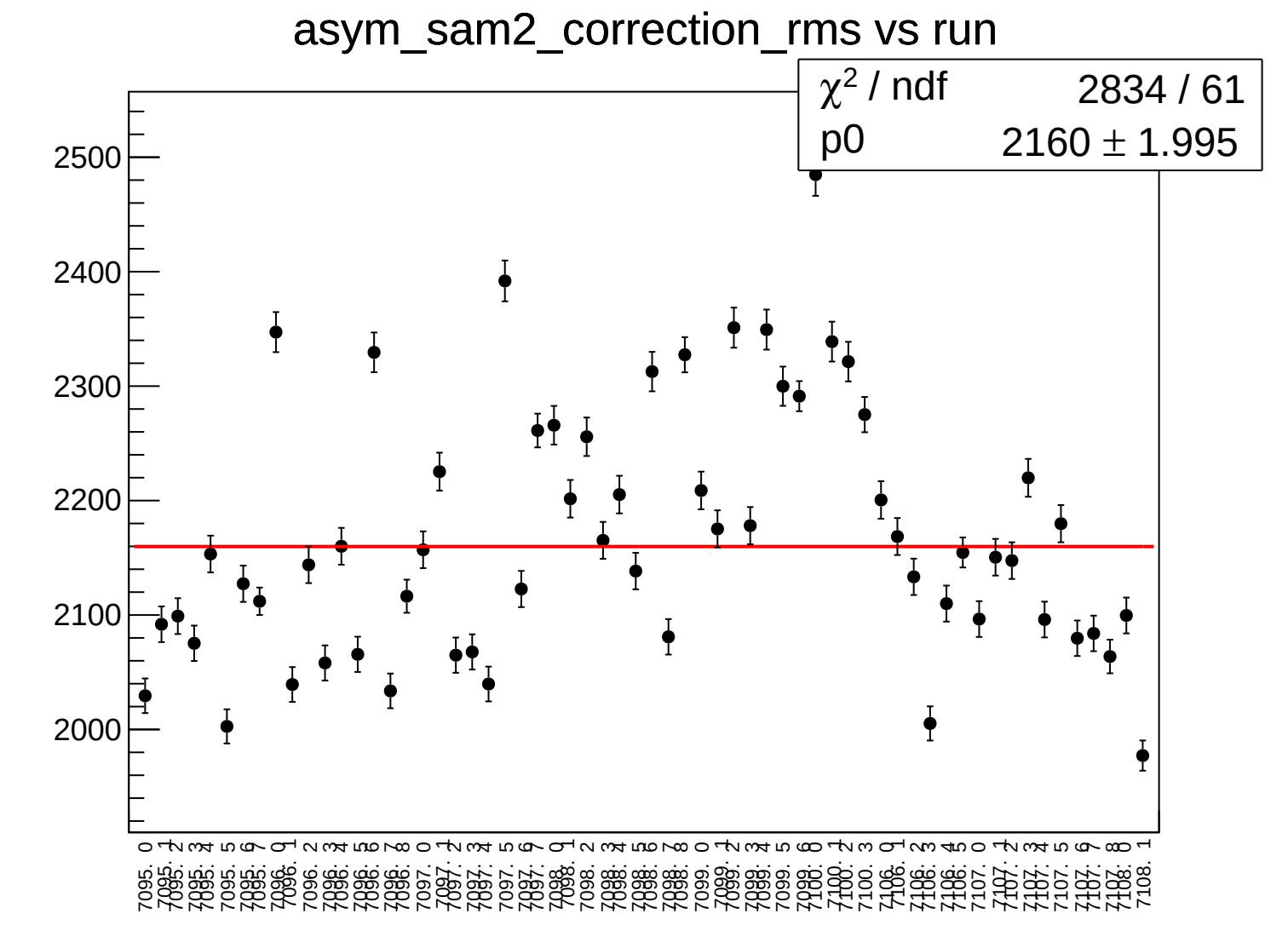

dit_asym_sam2_mean vs run
χ² / ndf 85.13 / 61
p0 826.9 ± 408.8
15000
10000
5000
0
−5000
−10000
pull
Entries 62
Mean 16.9
Std Dev 30.49
3
2
1
0
−1
−2

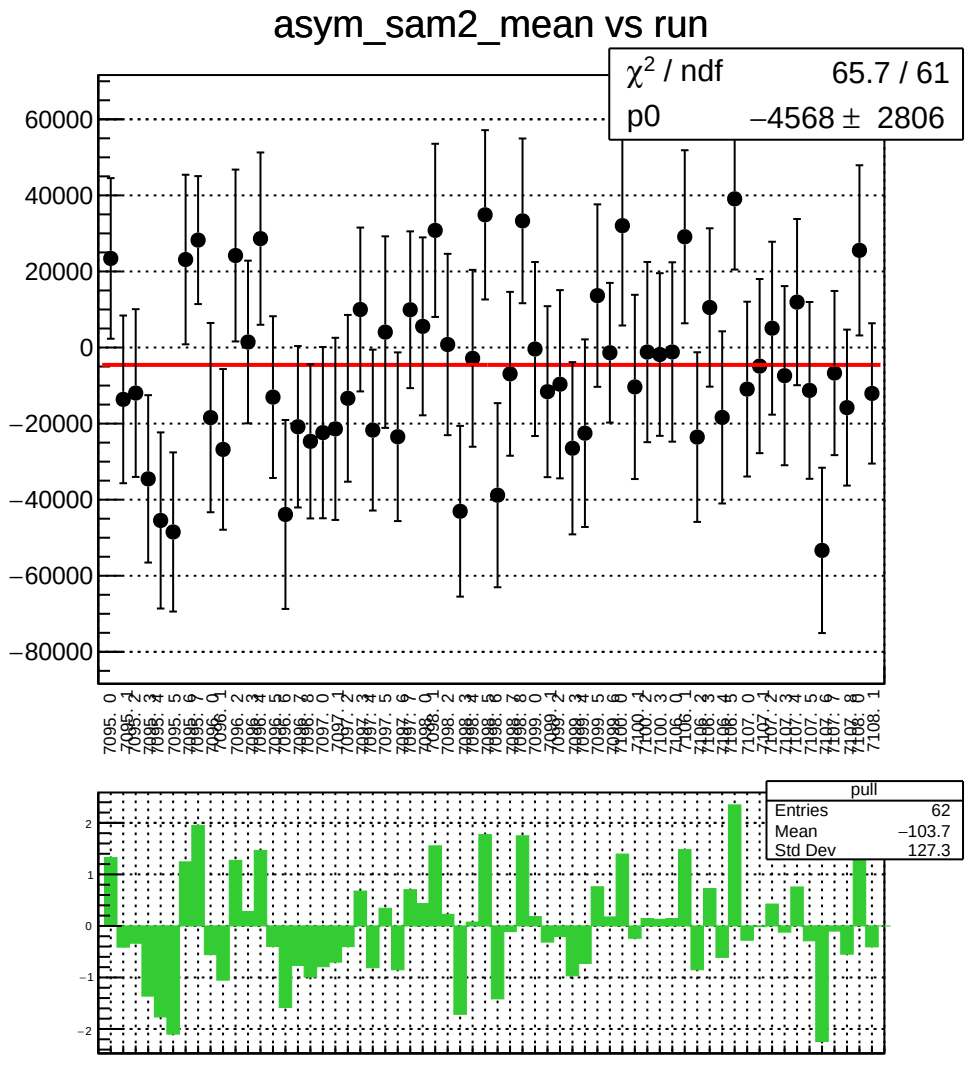

pull1D
Entries 62
Mean −0.008334
Std Dev 1.172
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

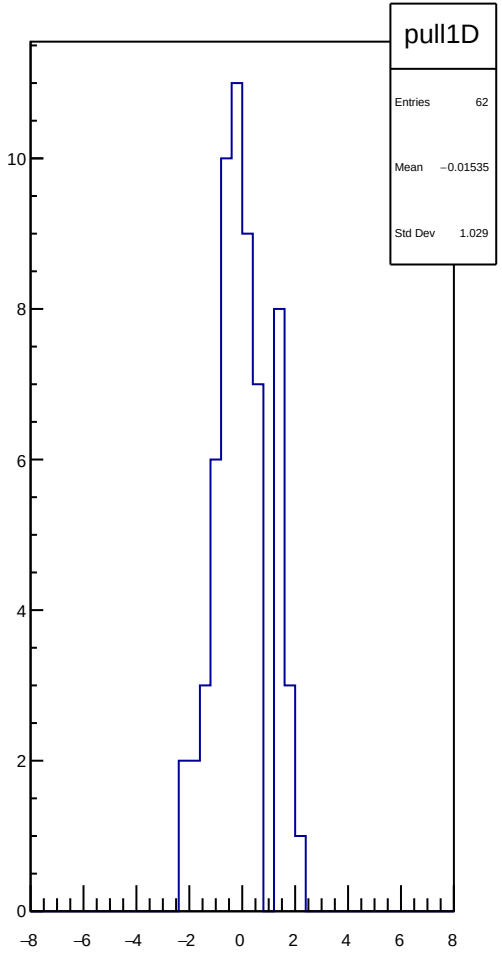

dit_asym_sam2_rms vs run
χ^2 / ndf 841.3 / 61
p0 313.1 ± 0.2891
360
350
340
330
320
310
300

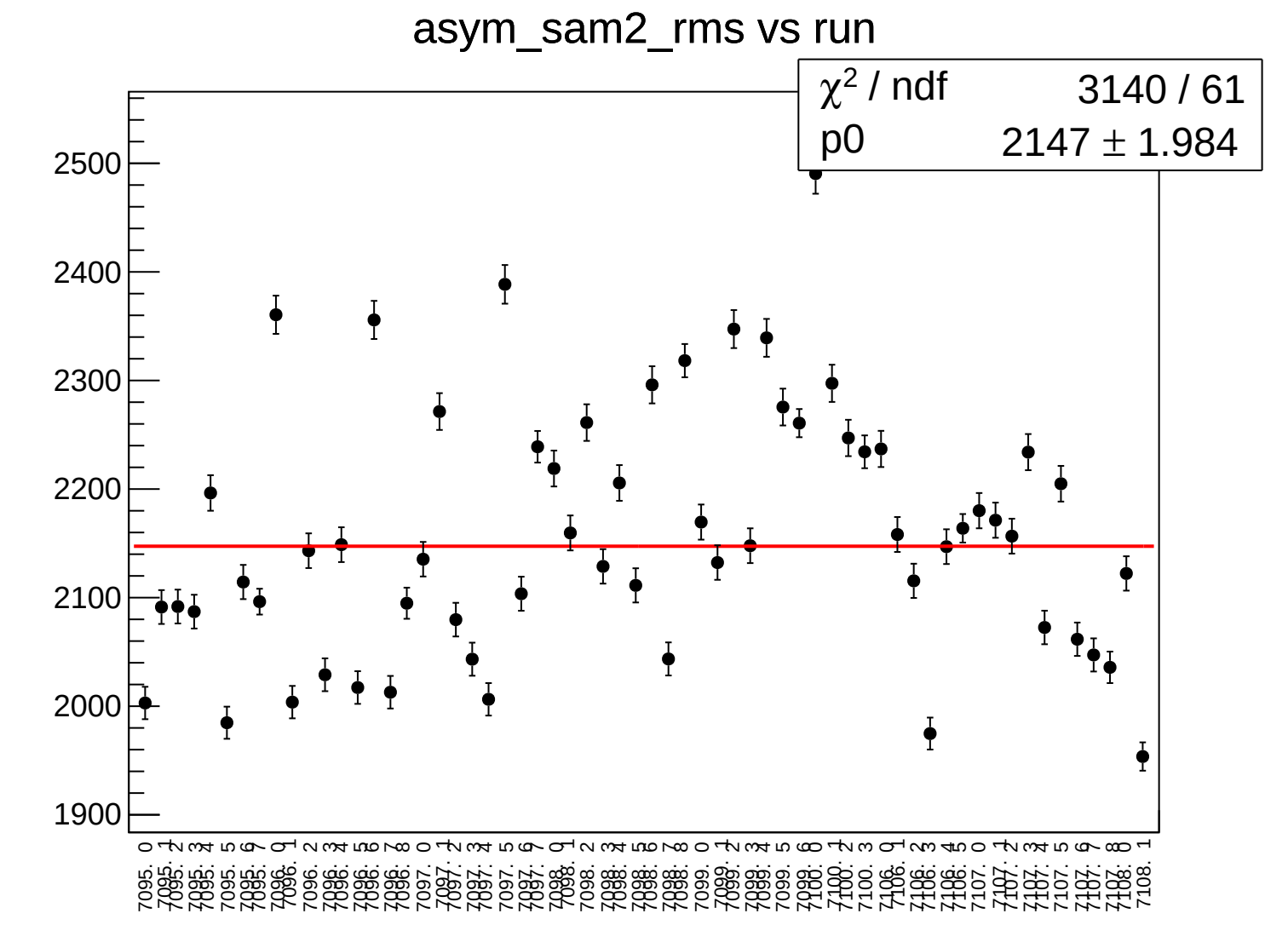

asym_sam2_correction_mean vs run
χ² / ndf 62.83 / 61
p0 5445 ± 2822
pull
Entries 62
Mean −128.7
Std Dev 152.2

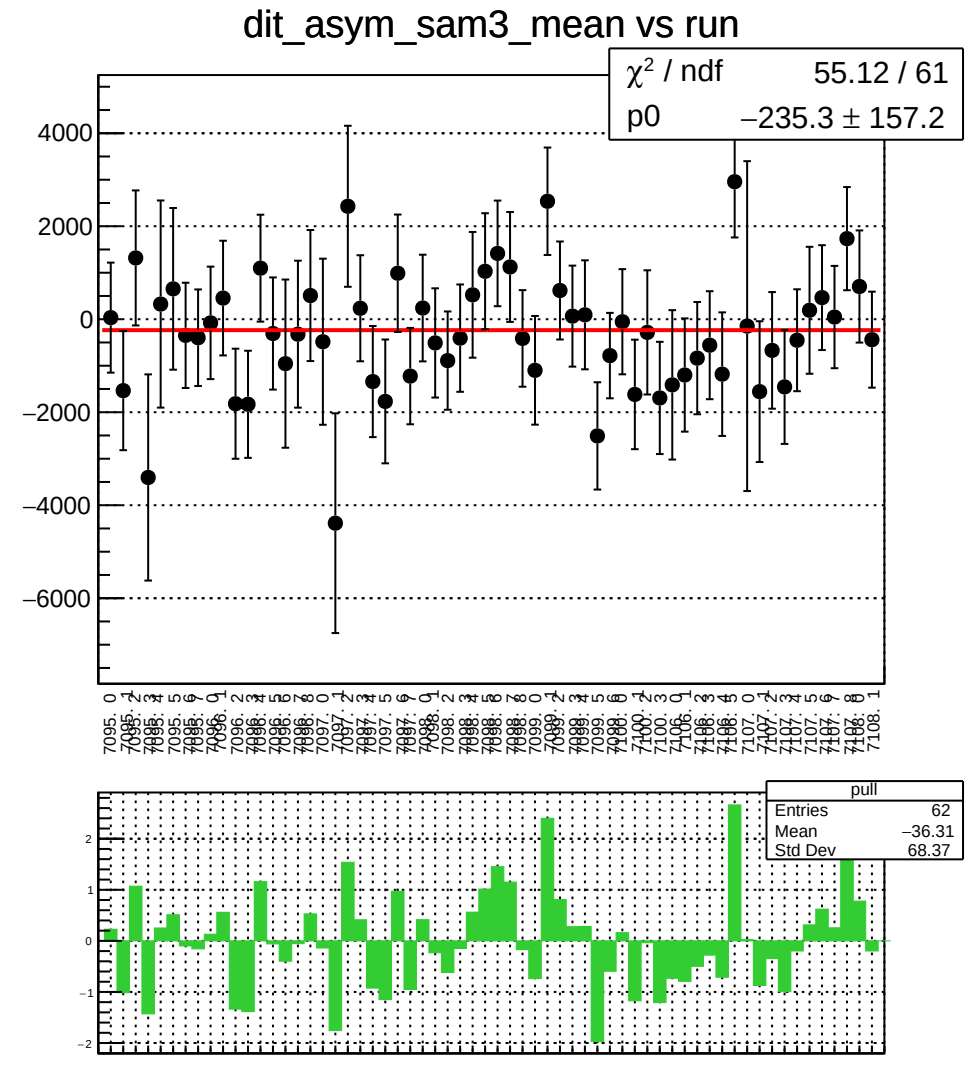

pull1D
Entries 62
Mean 0.01295
Std Dev 1.007

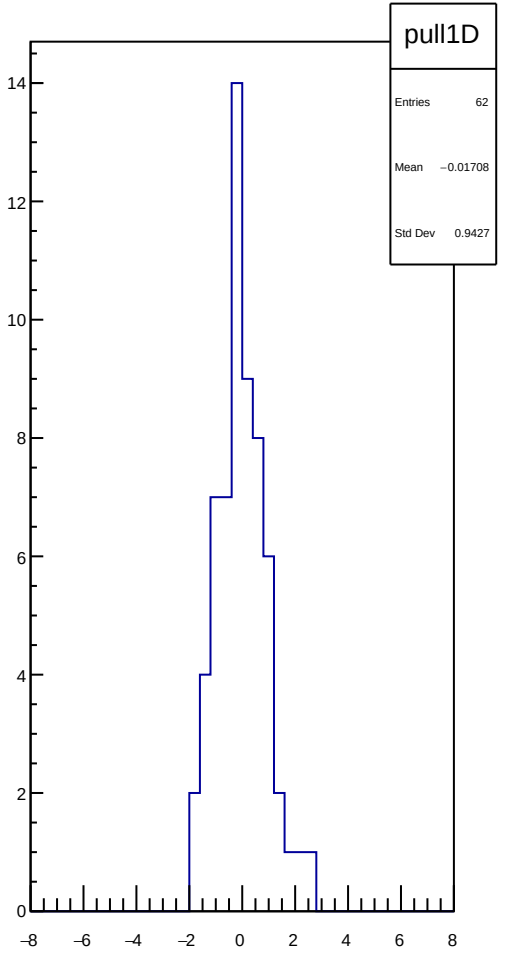

asym_sam2_correction_rms vs run
χ² / ndf 2834 / 61
p0 2160 ± 1.995
2500
2400
2300
2200
2100
2000

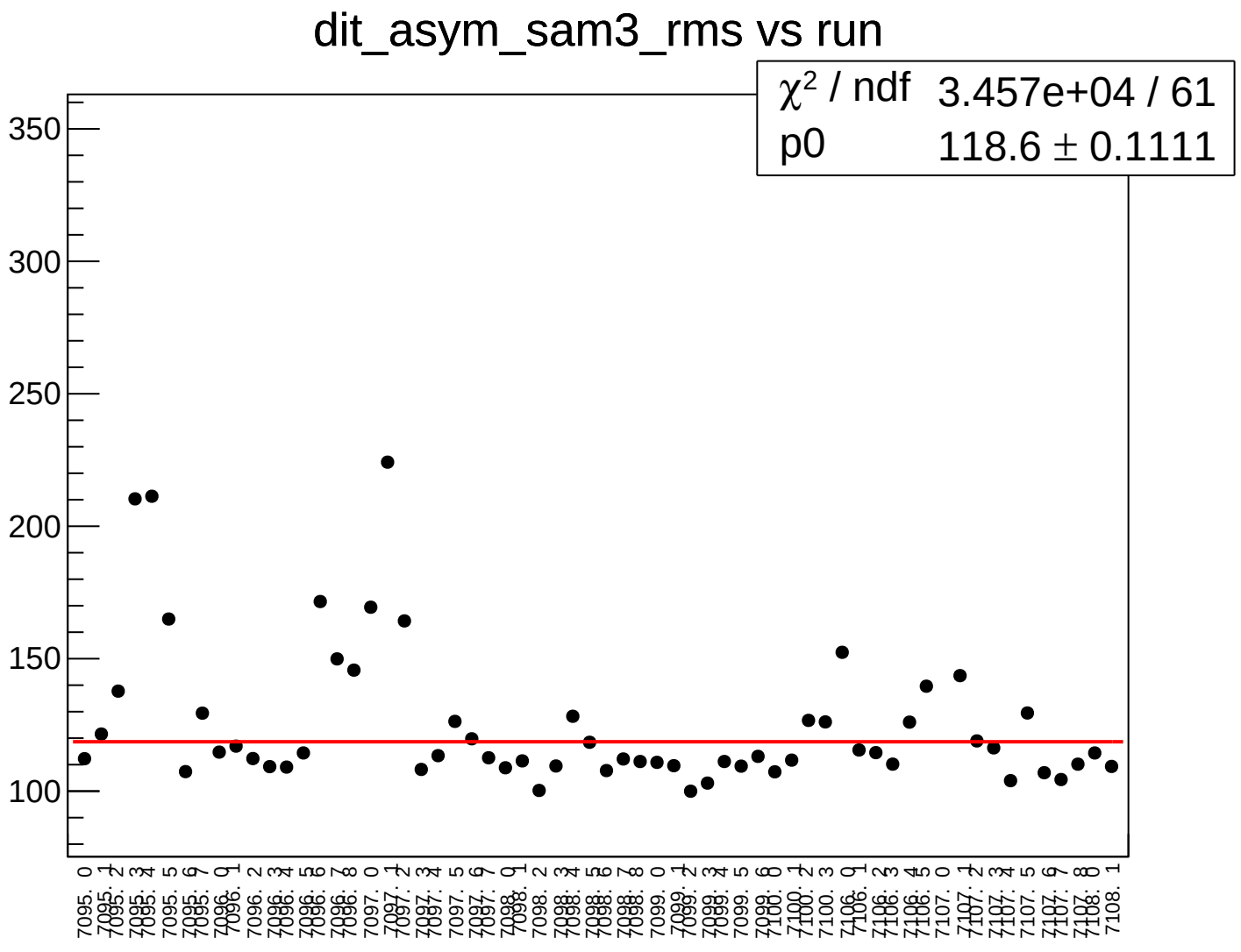

asym_sam2_mean vs run
χ² / ndf 65.7 / 61
p0 −4568 ± 2806
60000
40000
20000
0
−20000
−40000
−60000
−80000
pull
Entries 62
Mean −103.7
Std Dev 127.3
2
1
0
−1
−2

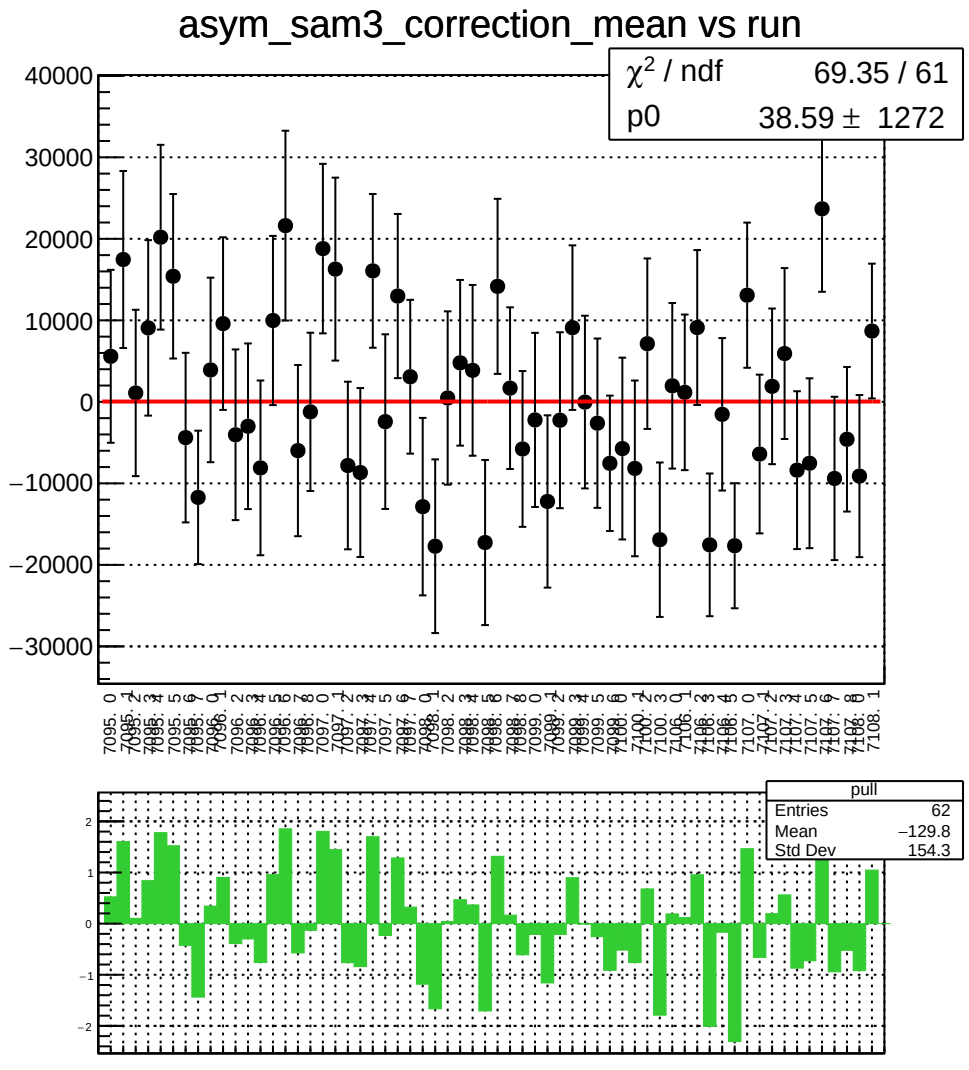

pull1D
Entries 62
Mean −0.01535
Std Dev 1.029
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

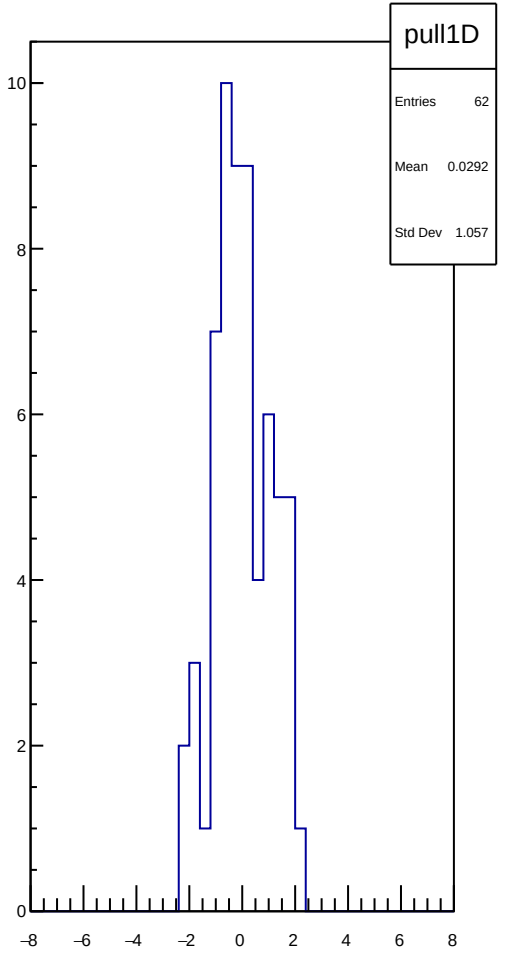

asym_sam2_rms vs run
χ^2 / ndf 3140 / 61
p0 2147 ± 1.984
2500
2400
2300
2200
2100
2000
1900

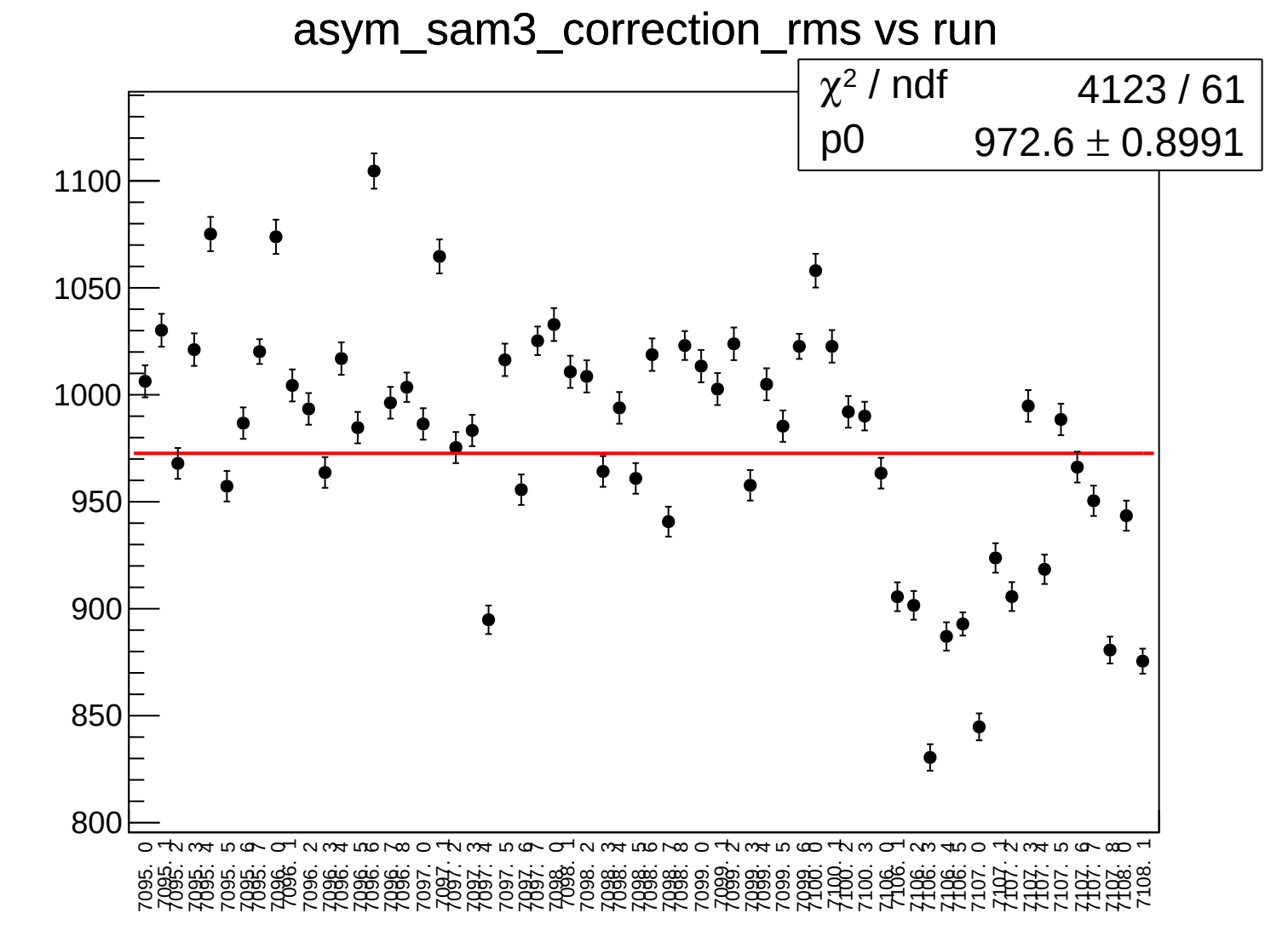

dit_asym_sam3_mean vs run
χ² / ndf 55.12 / 61
p0 −235.3 ± 157.2
4000
2000
0
−2000
−4000
−6000
pull
Entries 62
Mean −36.31
Std Dev 68.37
2
1
0
−1
−2

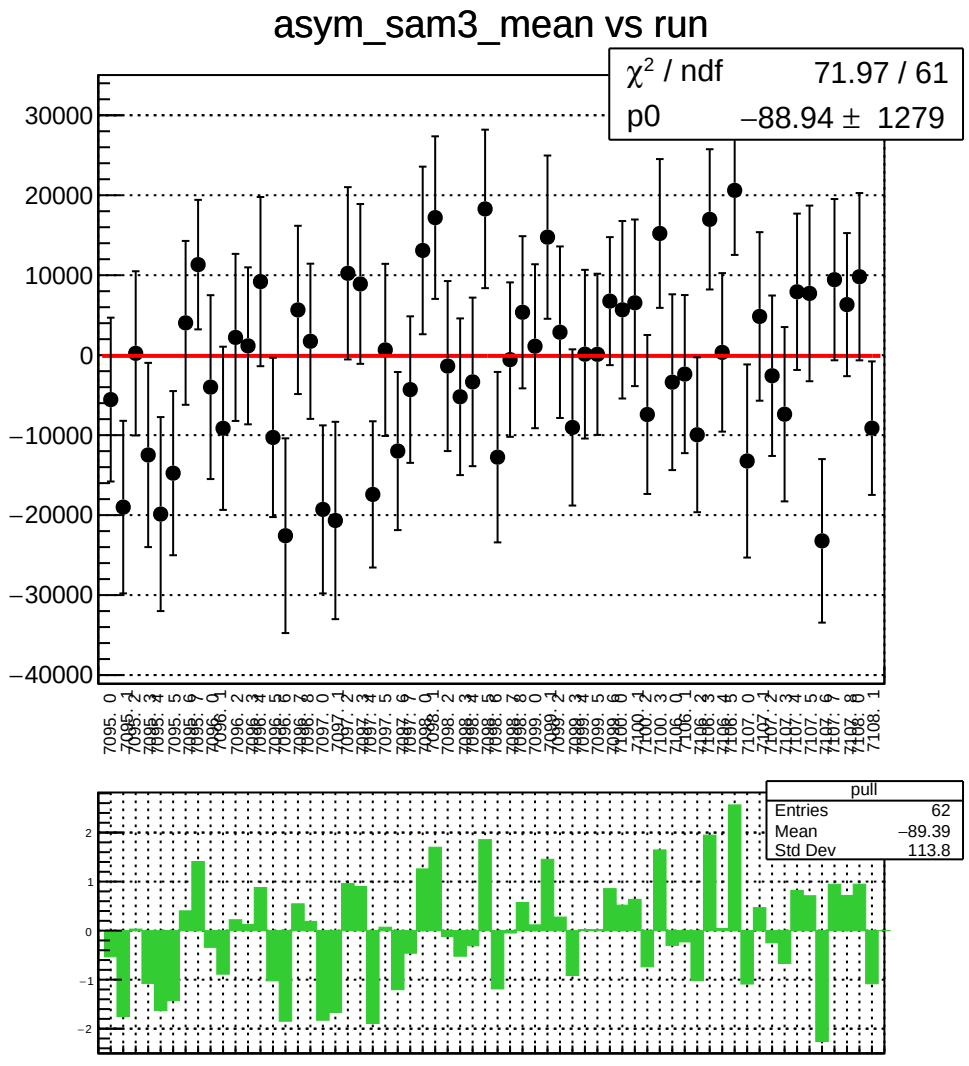

pull1D
Entries 62
Mean −0.01708
Std Dev 0.9427
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

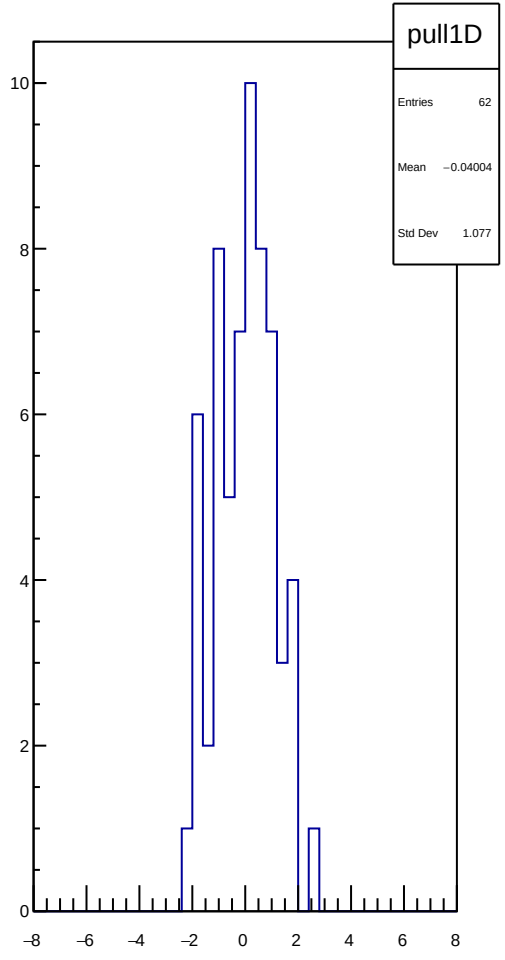

dit_asym_sam3_rms vs run
χ² / ndf 3.457e+04 / 61
p0 118.6 ± 0.1111
350
300
250
200
150
100

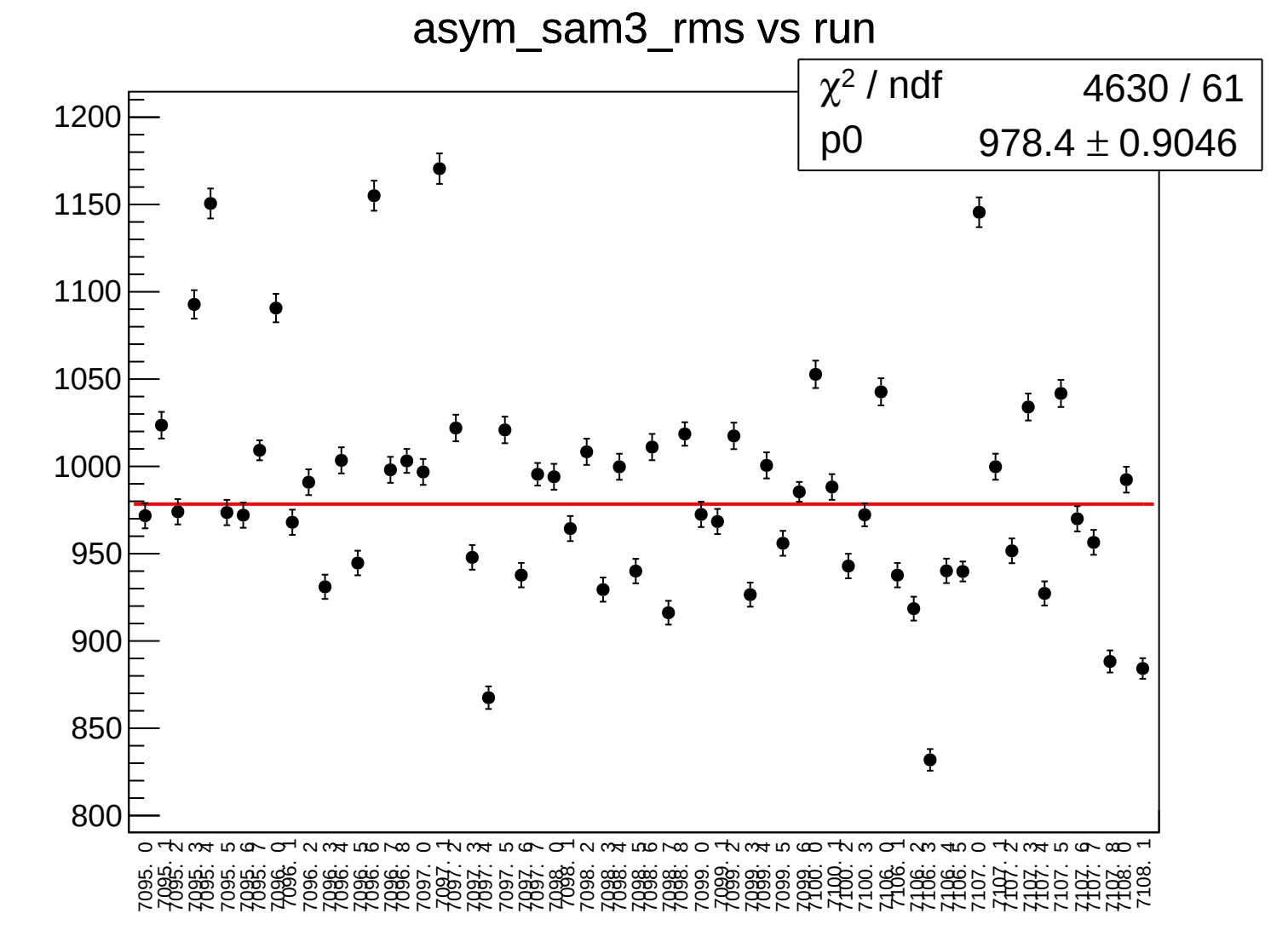

asym_sam3_correction_mean vs run
χ² / ndf 69.35 / 61
p0 38.59 ± 1272
pull
Entries 62
Mean −129.8
Std Dev 154.3

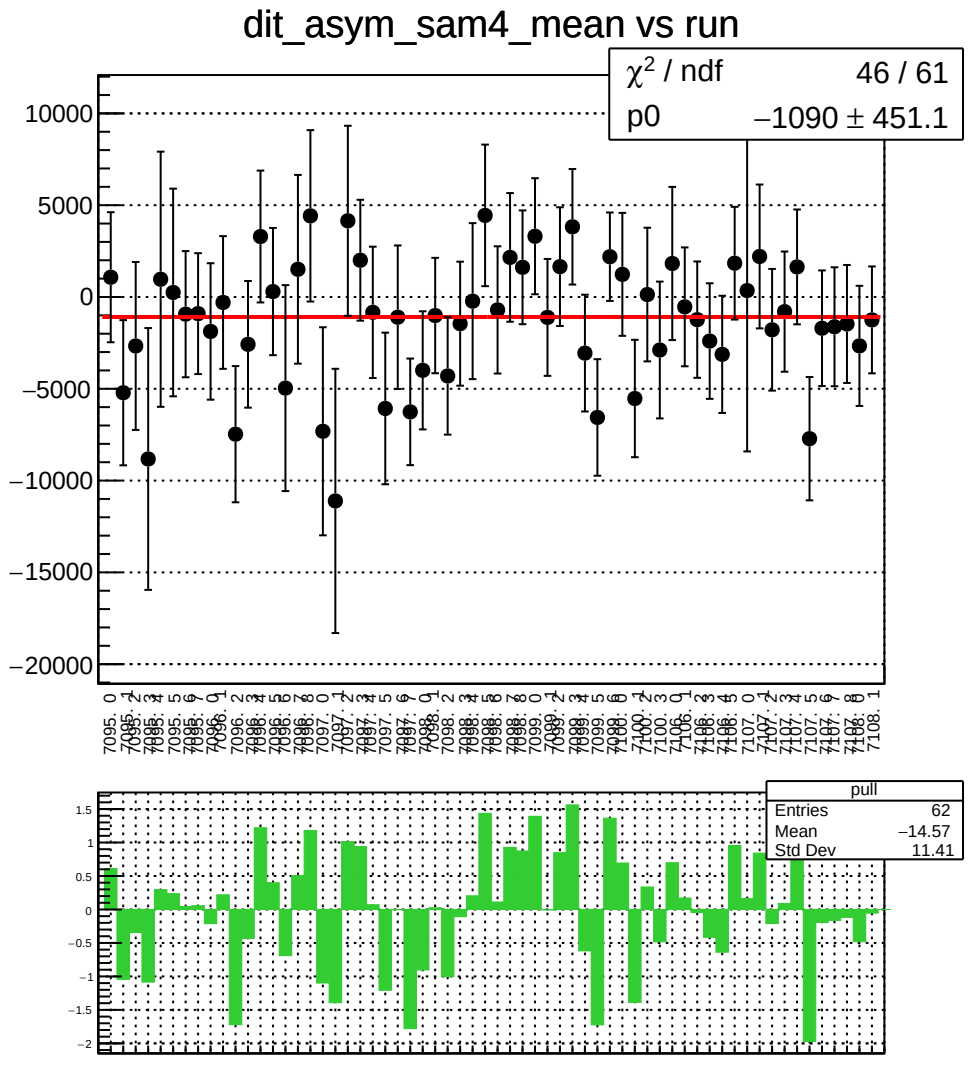

pull1D
Entries 62
Mean 0.0292
Std Dev 1.057

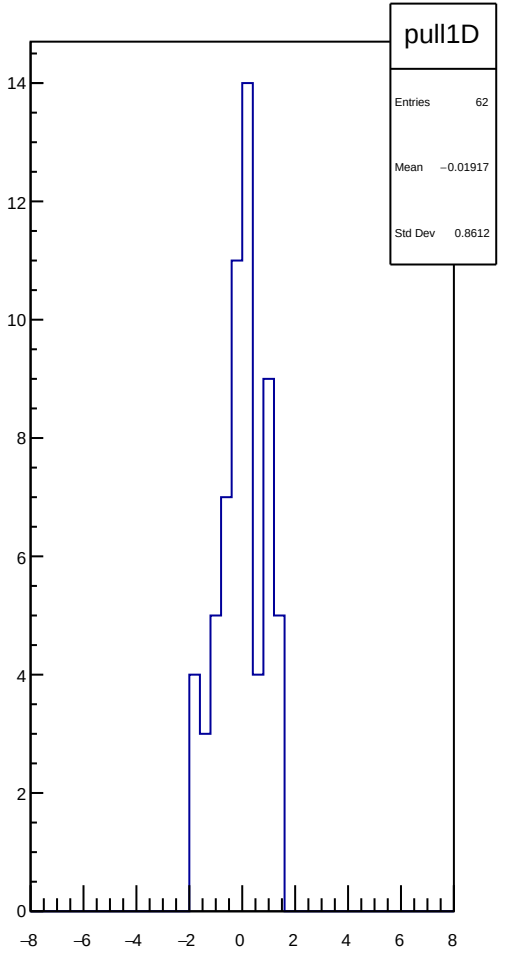

asym_sam3_correction_rms vs run
χ² / ndf 4123 / 61
p0 972.6 ± 0.8991
1100
1050
1000
950
900
850
800

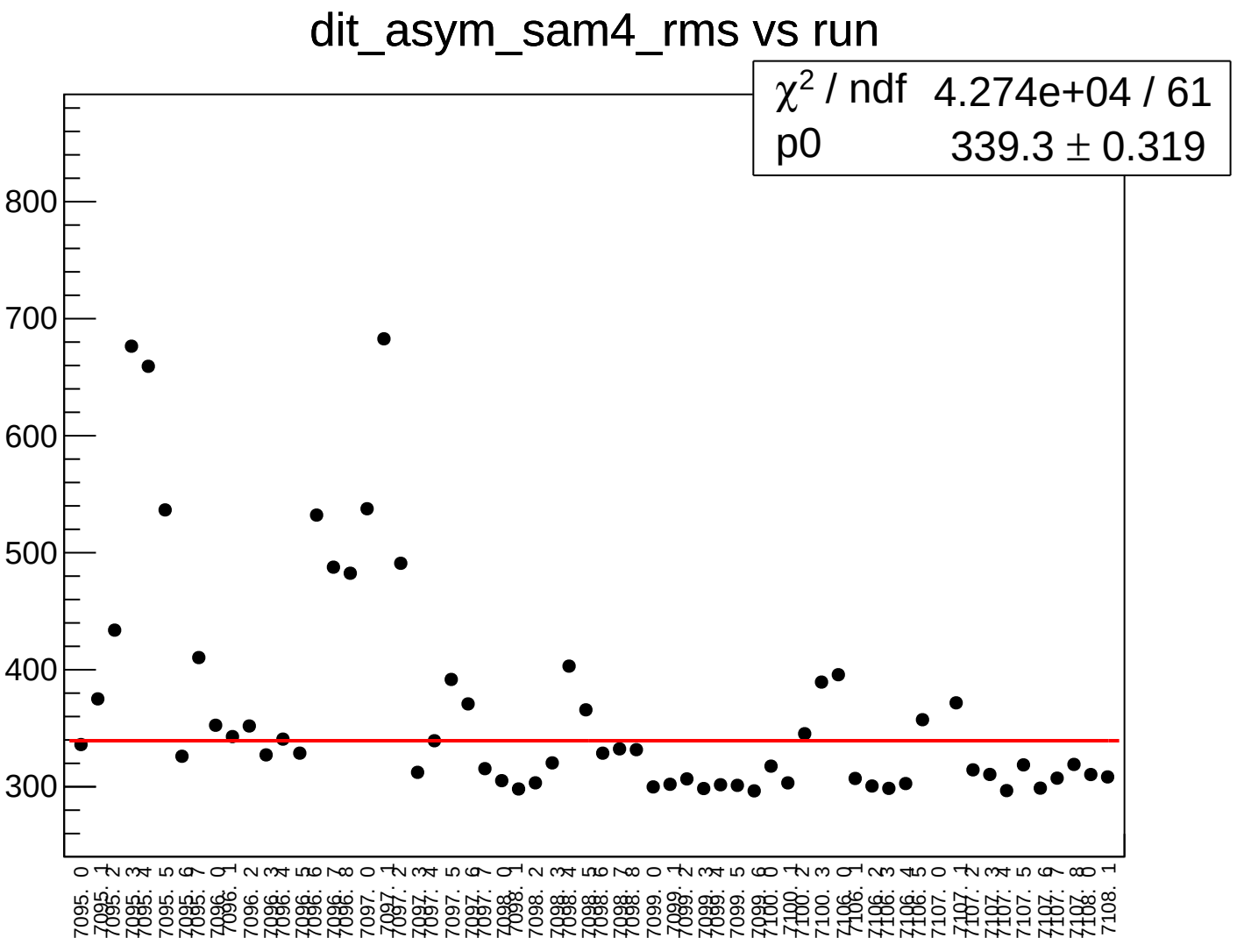

asym_sam3_mean vs run
χ² / ndf 71.97 / 61
p0 −88.94 ± 1279
pull
Entries 62
Mean −89.39
Std Dev 113.8

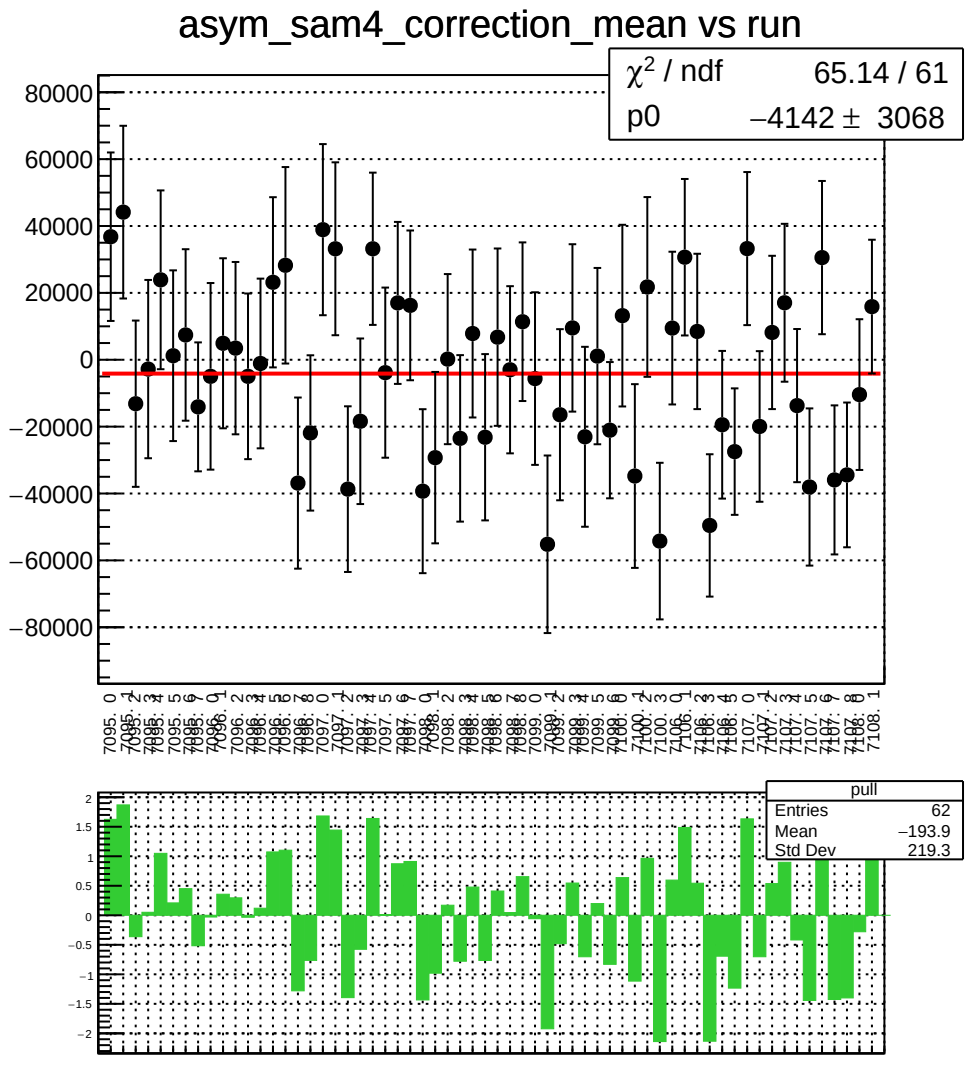

pull1D
Entries 62
Mean −0.04004
Std Dev 1.077

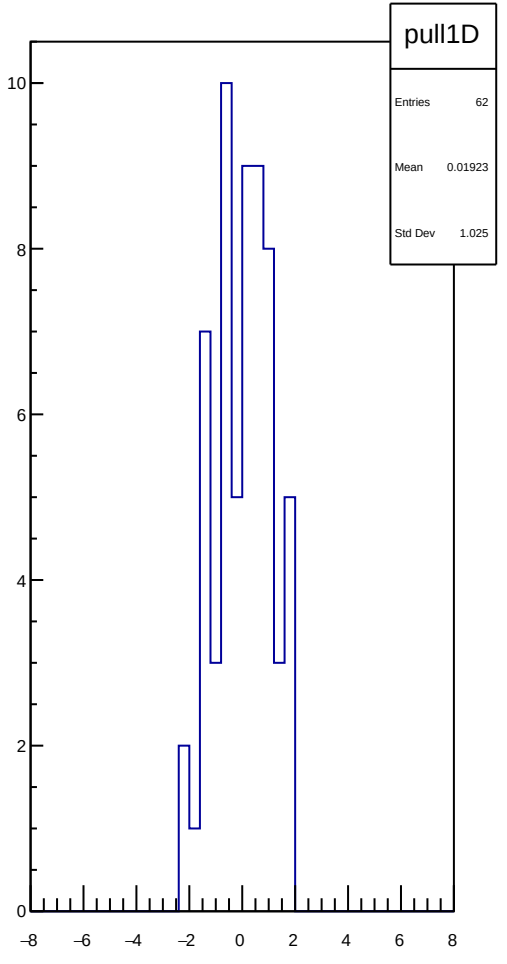

asym_sam3_rms vs run
χ² / ndf 4630 / 61
p0 978.4 ± 0.9046
1200
1150
1100
1050
1000
950
900
850
800

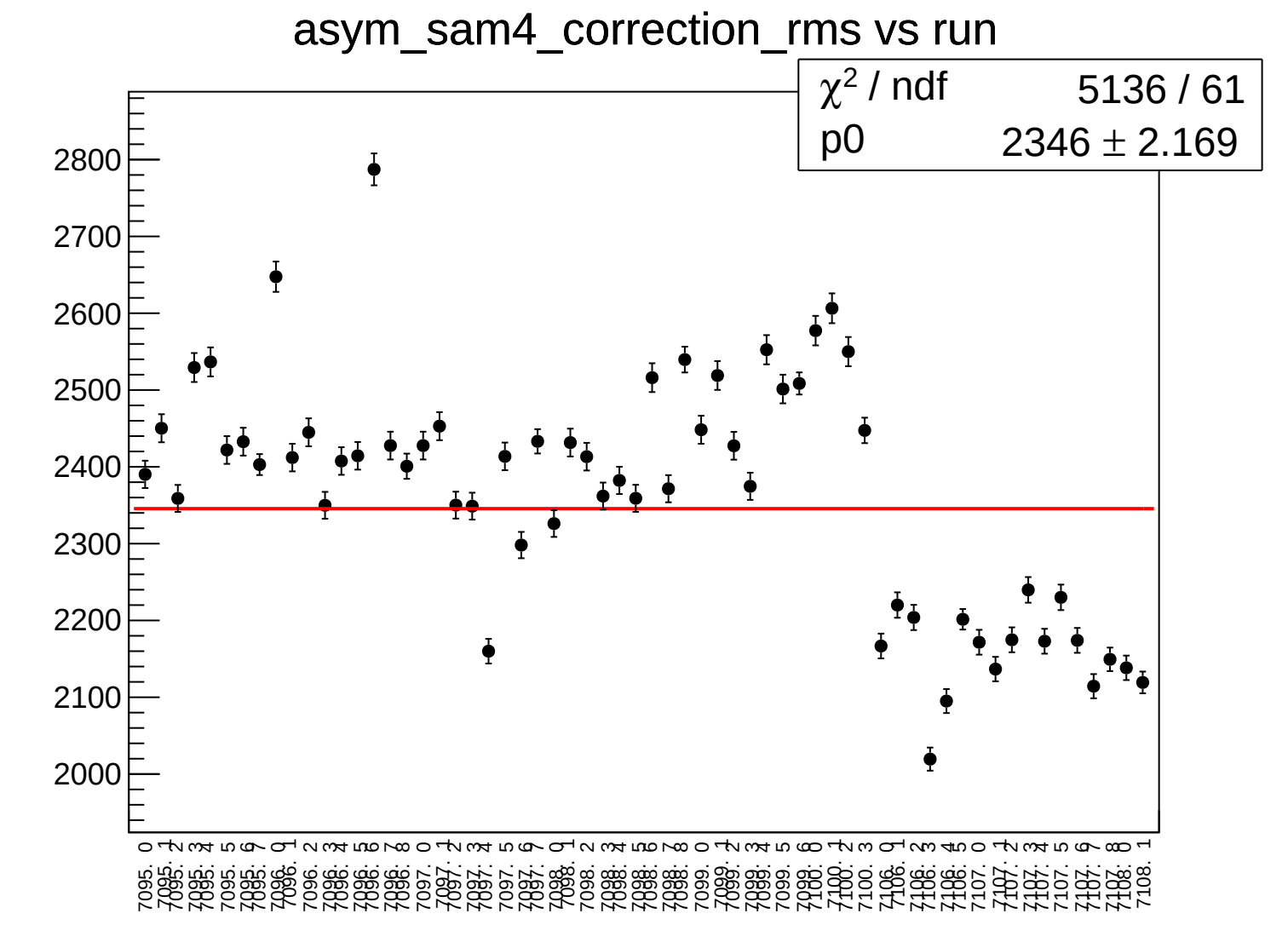

dit_asym_sam4_mean vs run
χ² / ndf 46 / 61
p0 −1090 ± 451.1
10000
5000
0
−5000
−10000
−15000
−20000
pull
Entries 62
Mean −14.57
Std Dev 11.41
1.5
1
0.5
0
−0.5
−1
−1.5
−2

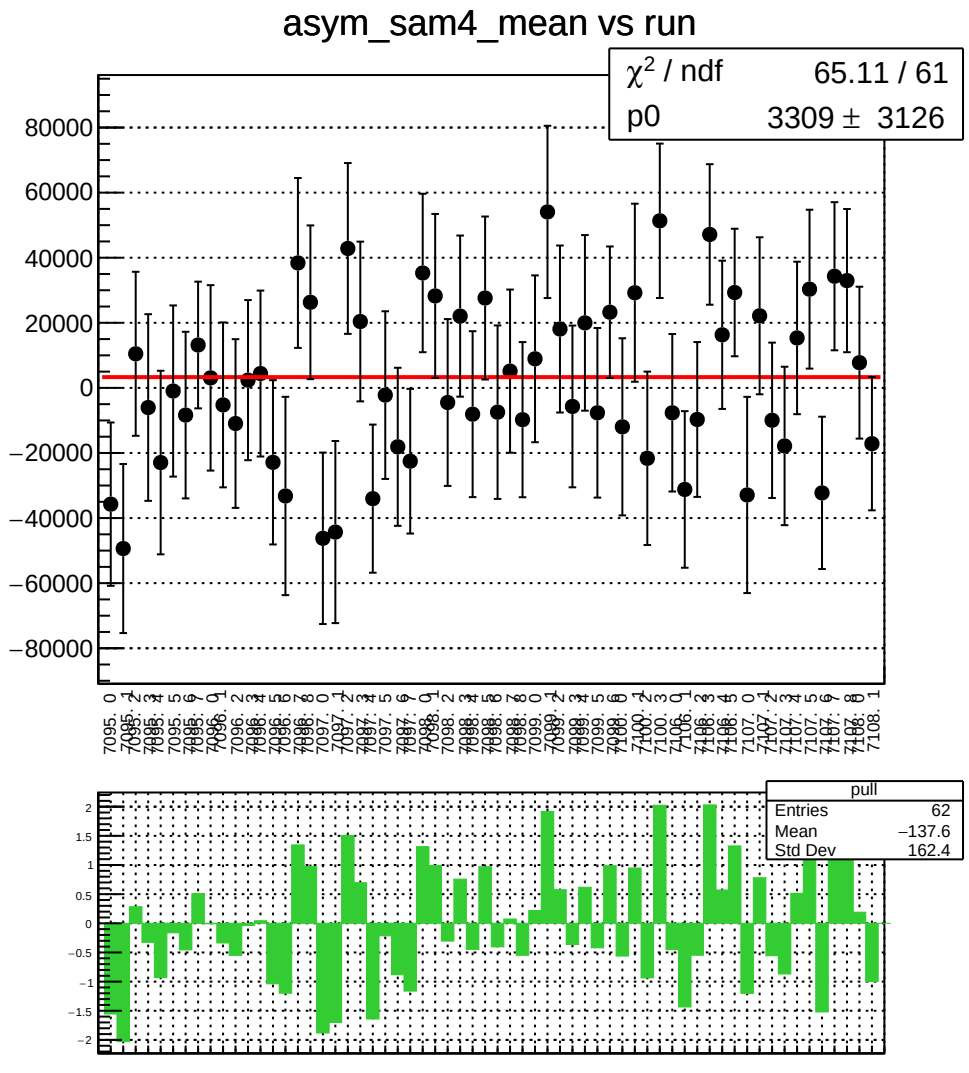

pull1D
Entries 62
Mean −0.01917
Std Dev 0.8612
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

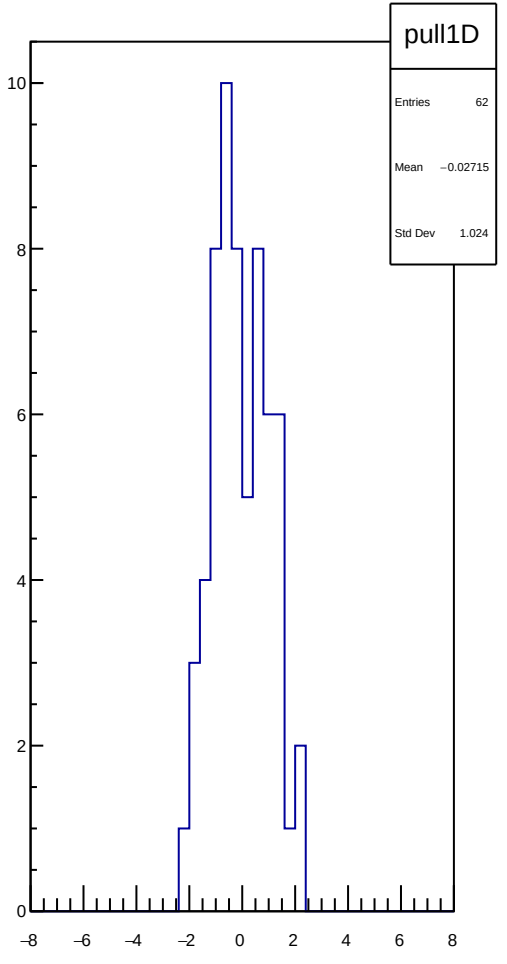

dit_asym_sam4_rms vs run
χ² / ndf 4.274e+04 / 61
p0 339.3 ± 0.319
800
700
600
500
400
300

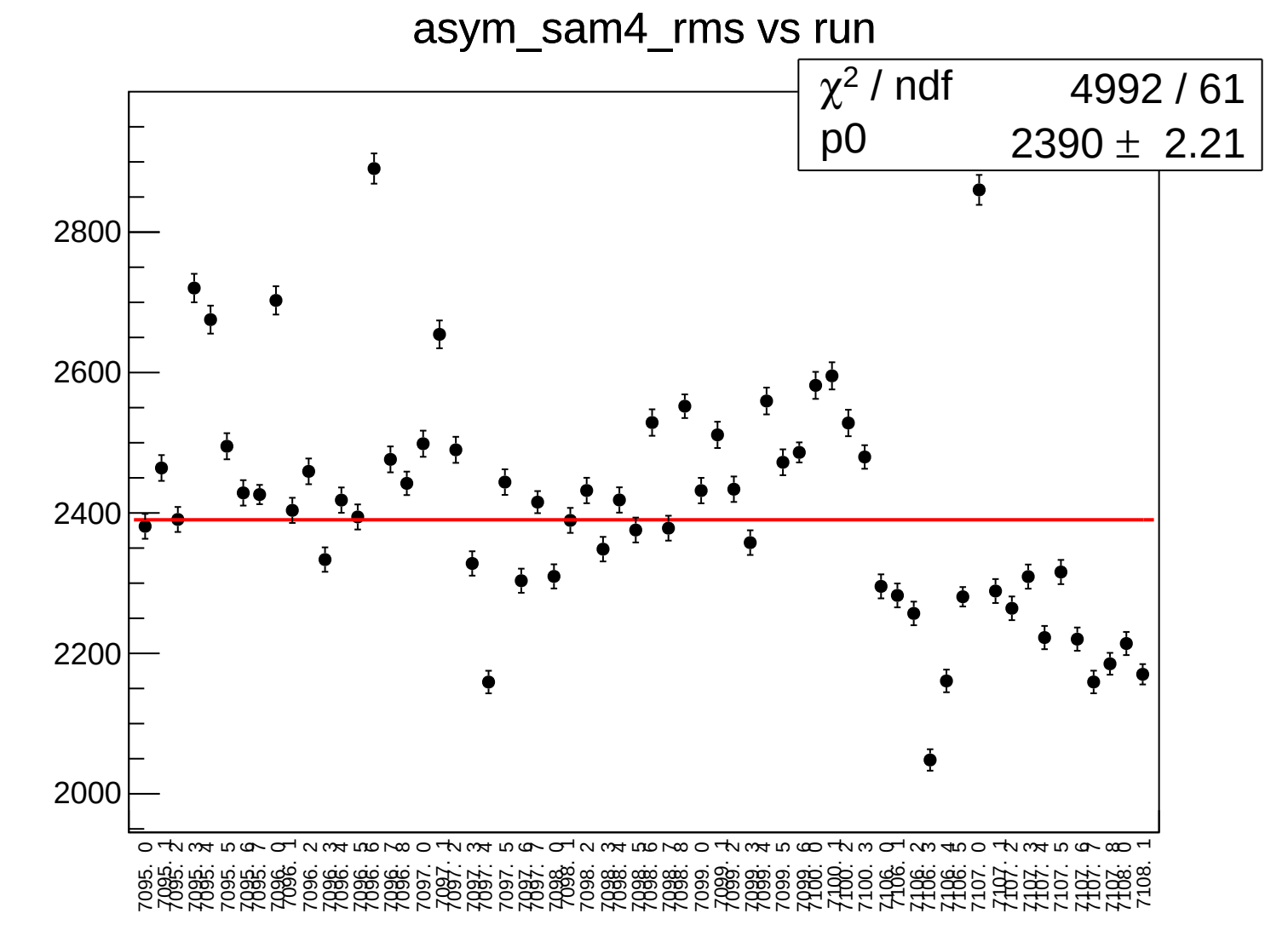

asym_sam4_correction_mean vs run
χ² / ndf 65.14 / 61
p0 −4142 ± 3068
pull
Entries 62
Mean −193.9
Std Dev 219.3

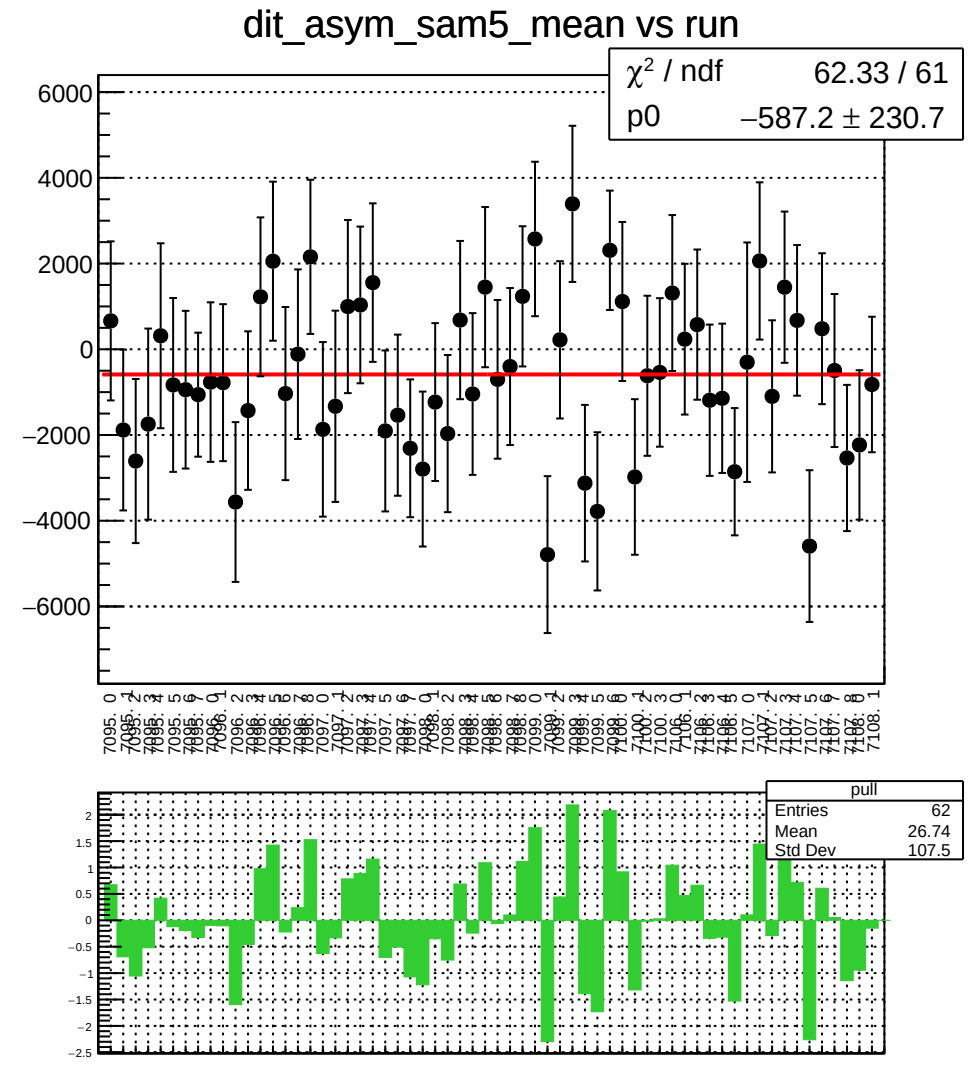

pull1D
Entries 62
Mean 0.01923
Std Dev 1.025

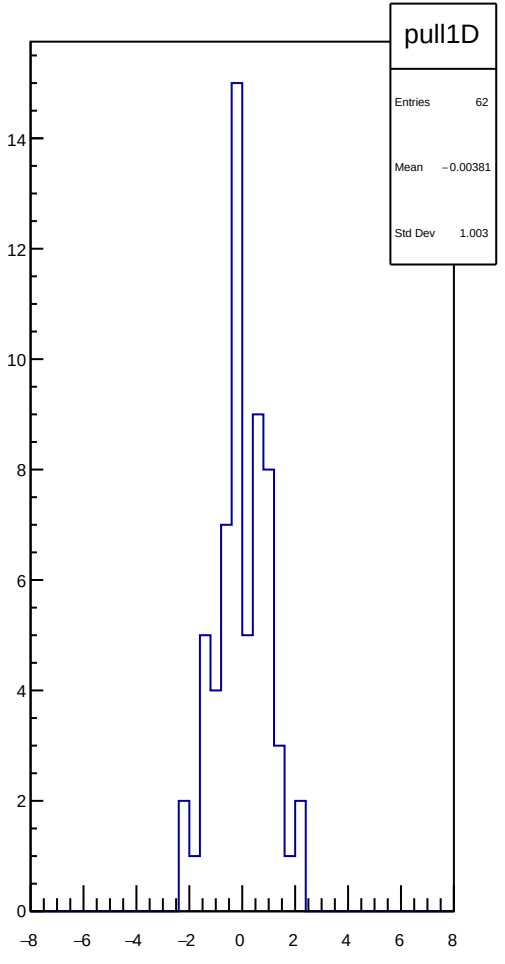

asym_sam4_correction_rms vs run
χ² / ndf 5136 / 61
p0 2346 ± 2.169
2800
2700
2600
2500
2400
2300
2200
2100
2000

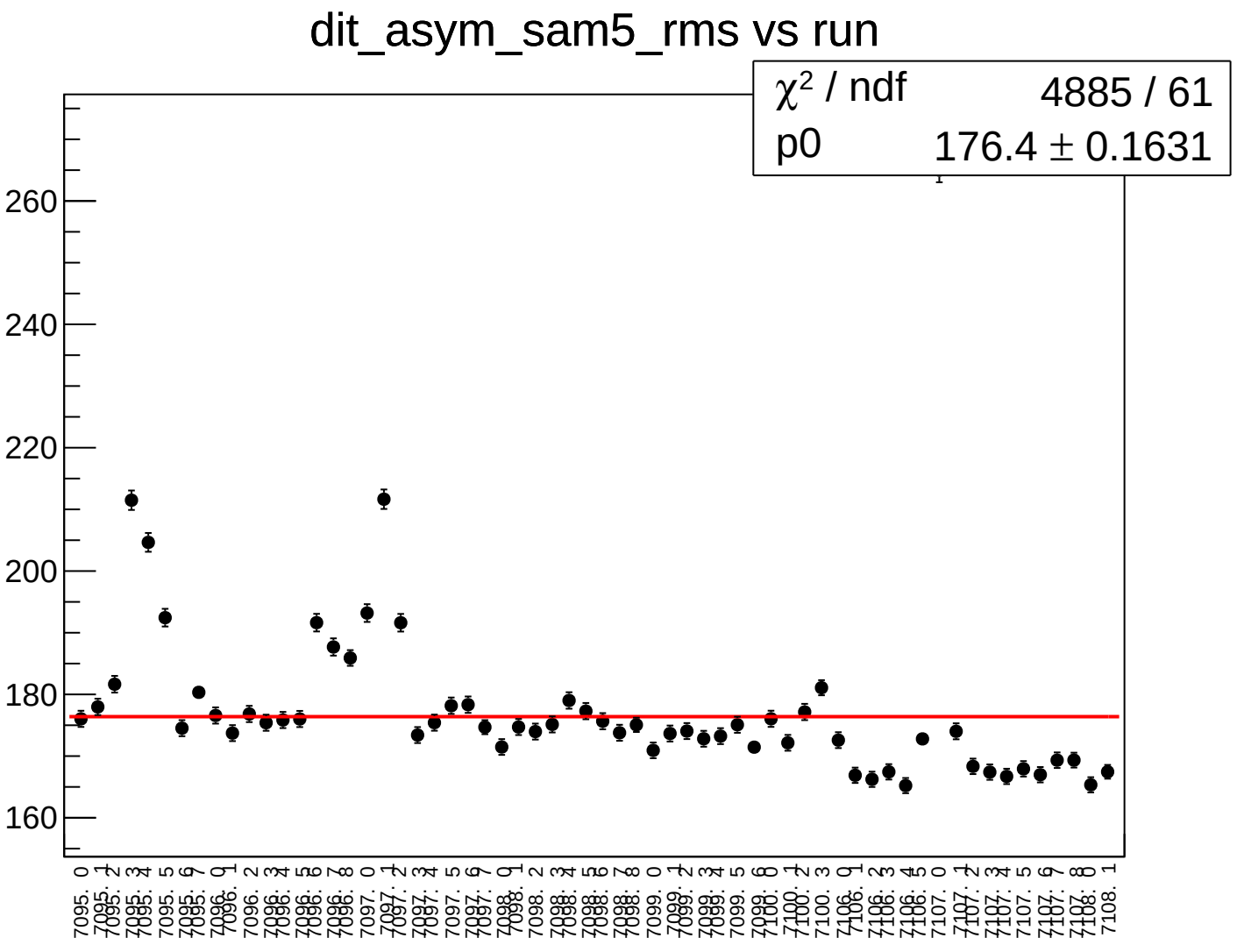

asym_sam4_mean vs run
χ² / ndf 65.11 / 61
p0 3309 ± 3126
pull
Entries 62
Mean −137.6
Std Dev 162.4

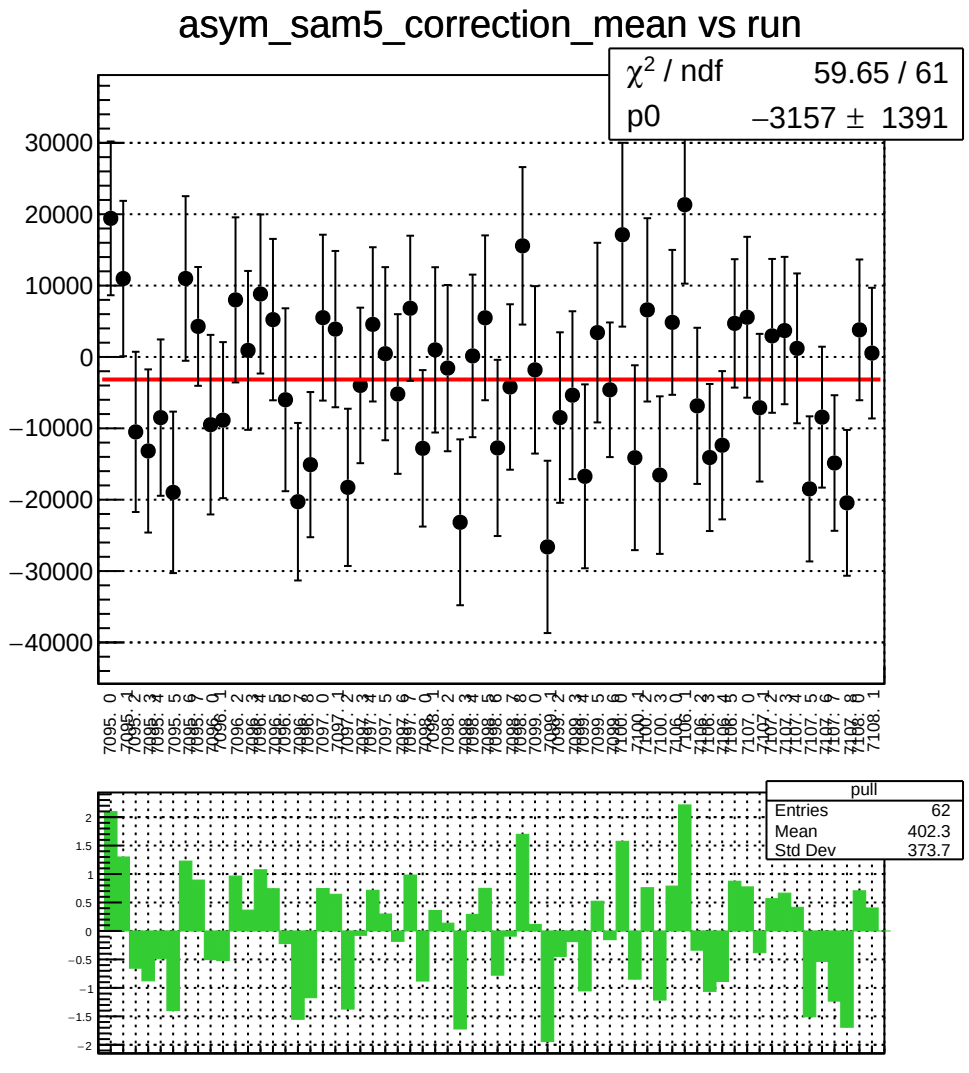

pull1D
Entries 62
Mean −0.02715
Std Dev 1.024

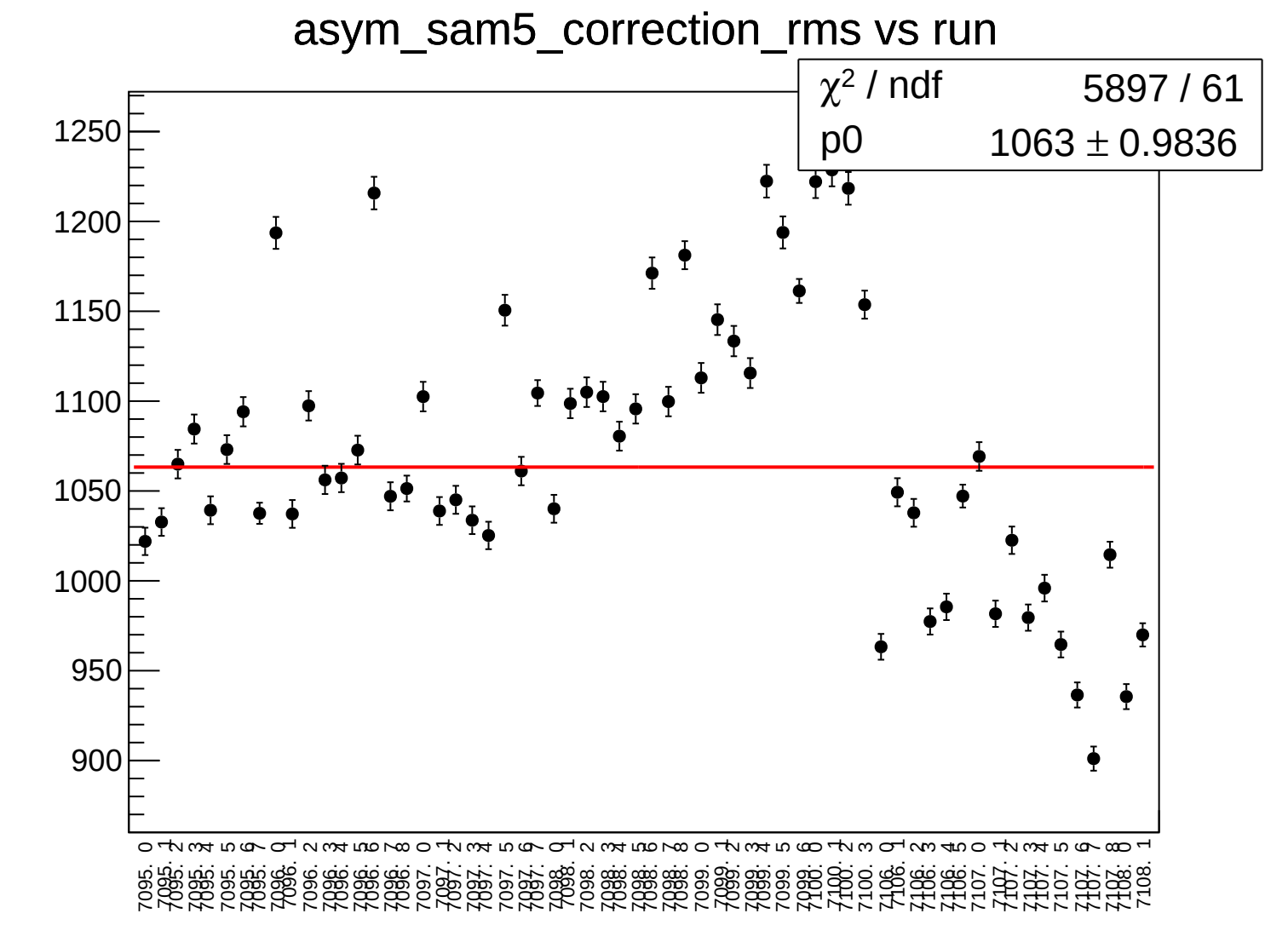

asym_sam4_rms vs run
χ^2 / ndf 4992 / 61
p0 2390 ± 2.21
2800
2600
2400
2200
2000

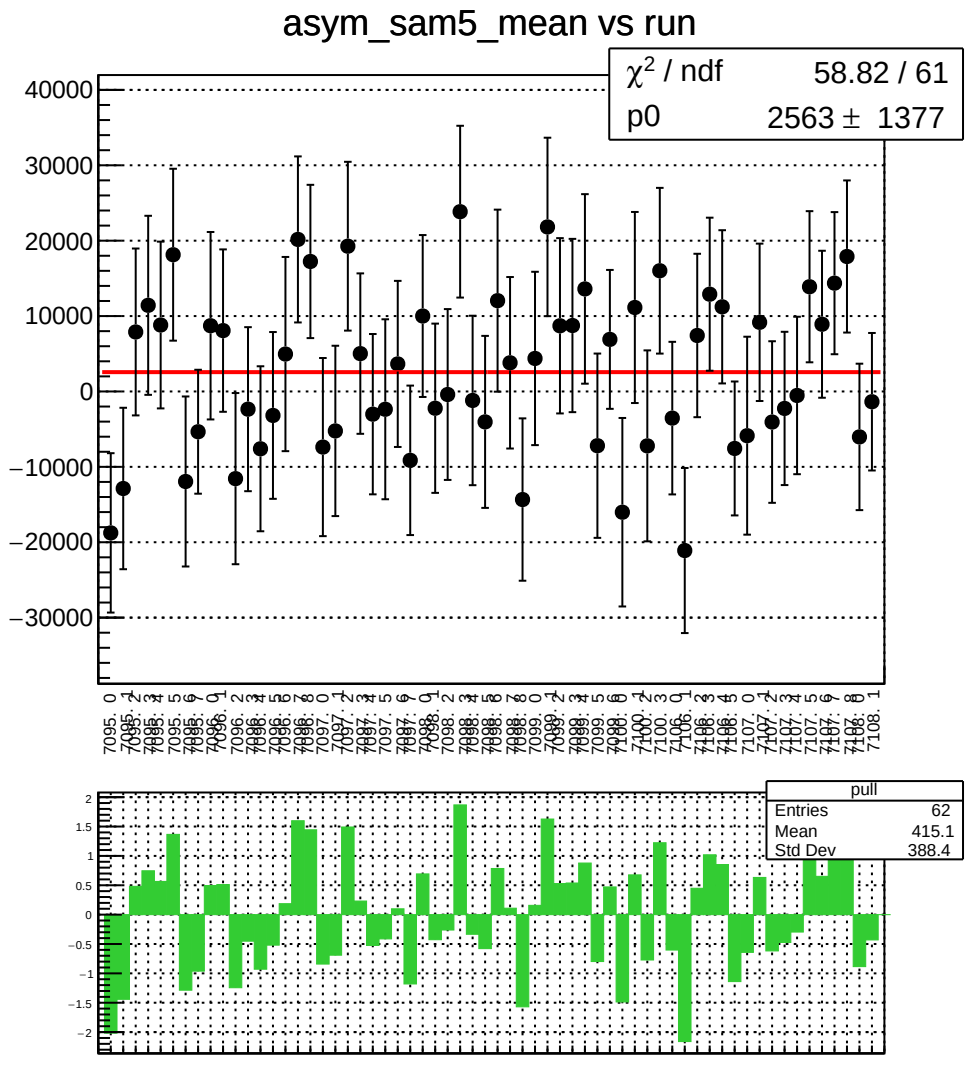

dit_asym_sam5_mean vs run
χ² / ndf 62.33 / 61
p0 −587.2 ± 230.7
pull
Entries 62
Mean 26.74
Std Dev 107.5

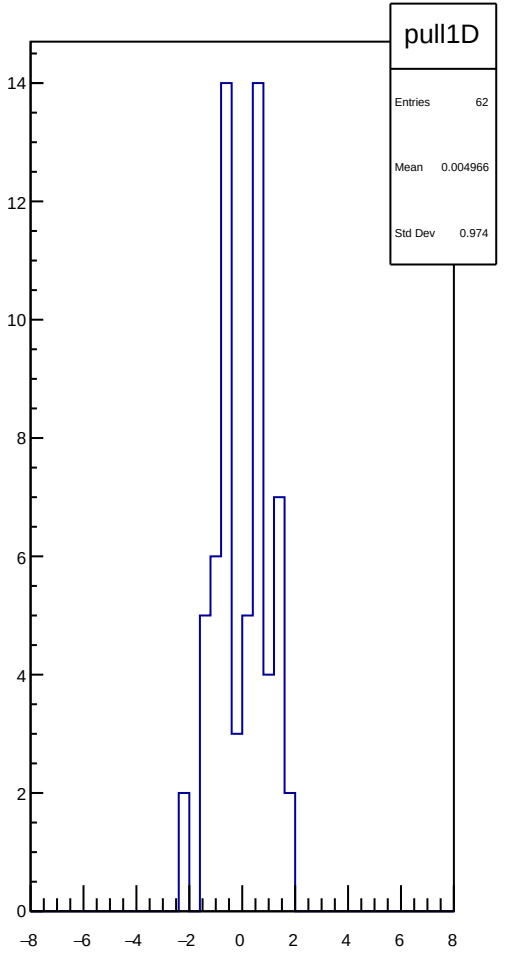

pull1D
Entries 62
Mean −0.00381
Std Dev 1.003

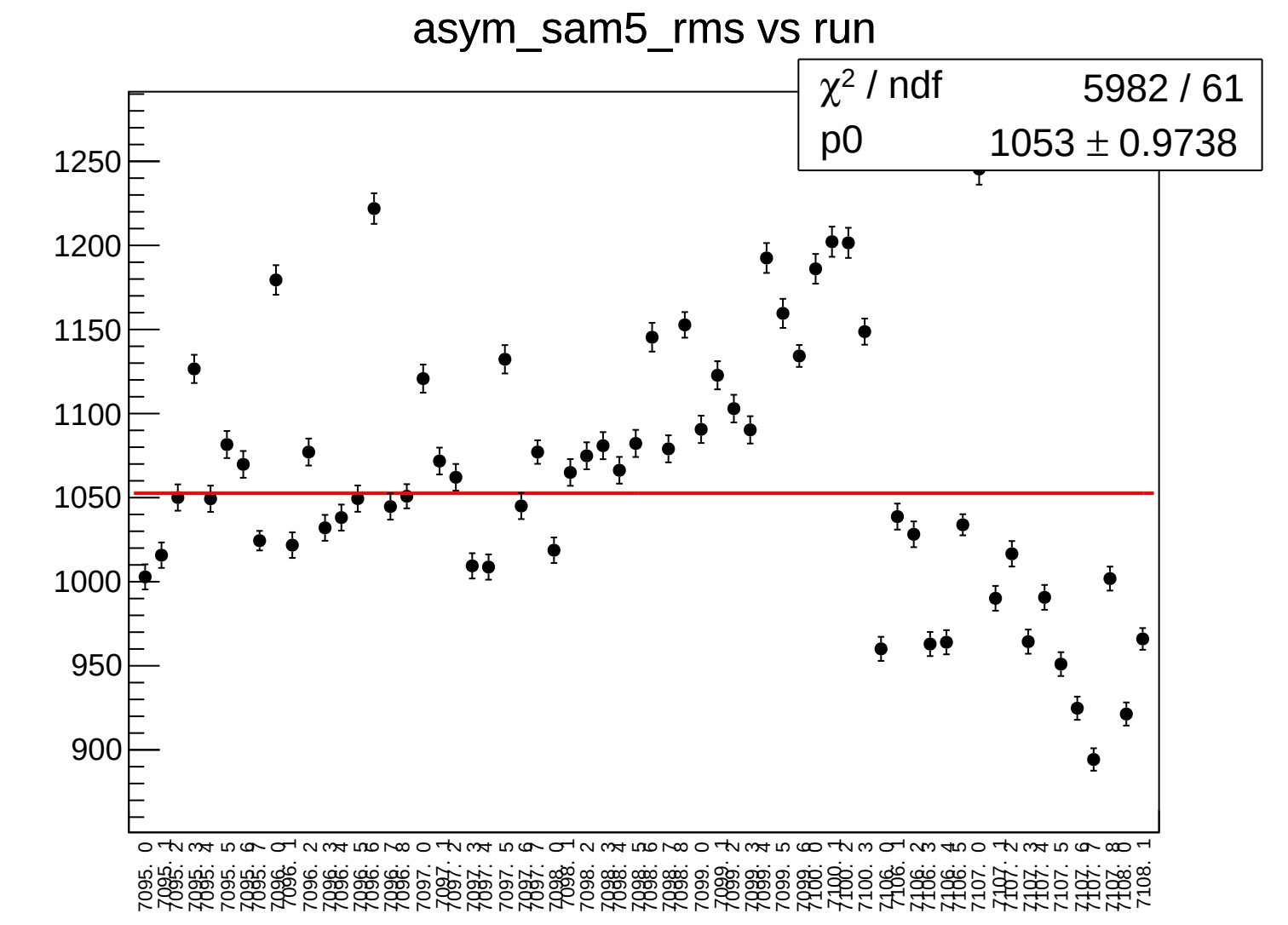

dit_asym_sam5_rms vs run
χ² / ndf 4885 / 61
p0 176.4 ± 0.1631
260
240
220
200
180
160
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

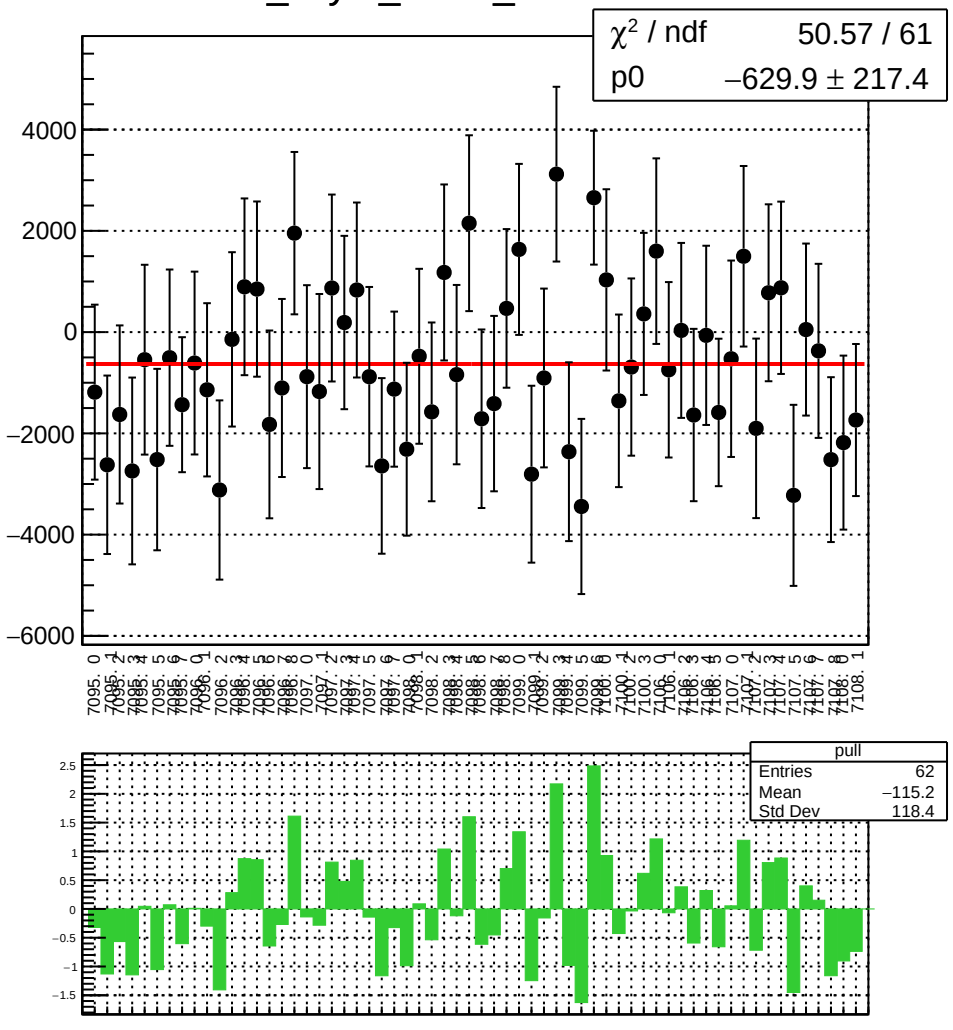

asym_sam5_correction_mean vs run
χ² / ndf 59.65 / 61
p0 −3157 ± 1391
pull
Entries 62
Mean 402.3
Std Dev 373.7
pull1D
Entries 62
Mean −0.004807
Std Dev 0.9808

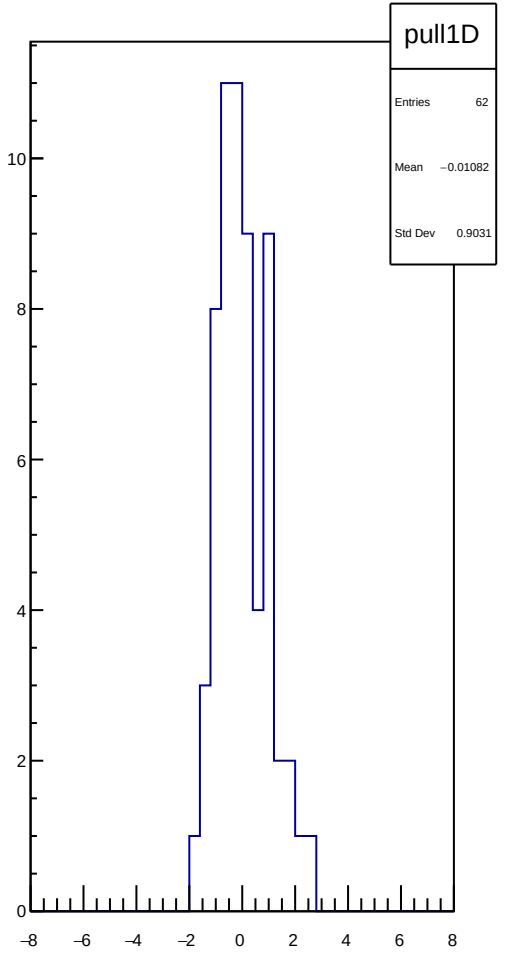

asym_sam5_correction_rms vs run
χ² / ndf 5897 / 61
p0 1063 ± 0.9836
1250
1200
1150
1100
1050
1000
950
900

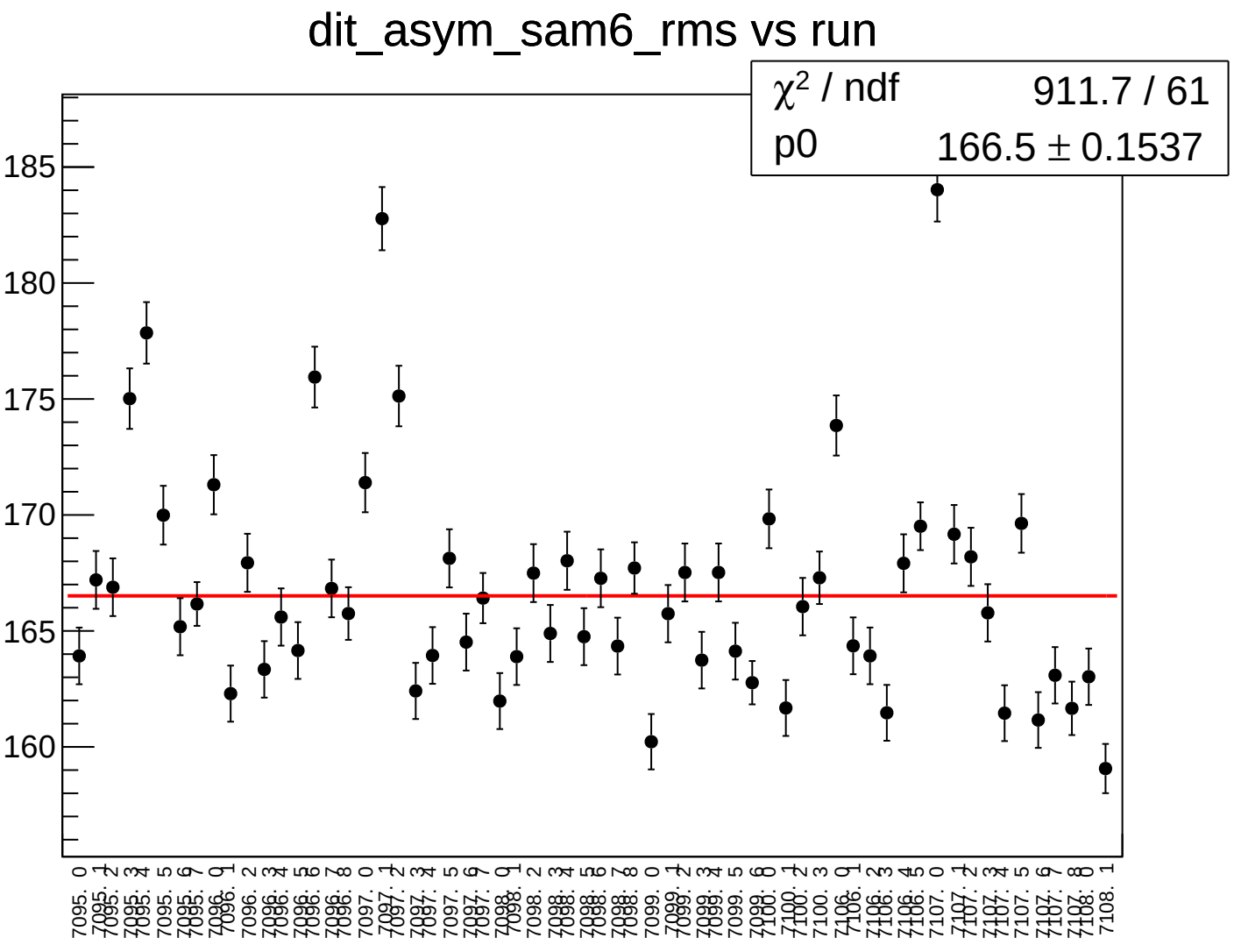

asym_sam5_mean vs run
χ² / ndf 58.82 / 61
p0 2563 ± 1377
pull
Entries 62
Mean 415.1
Std Dev 388.4

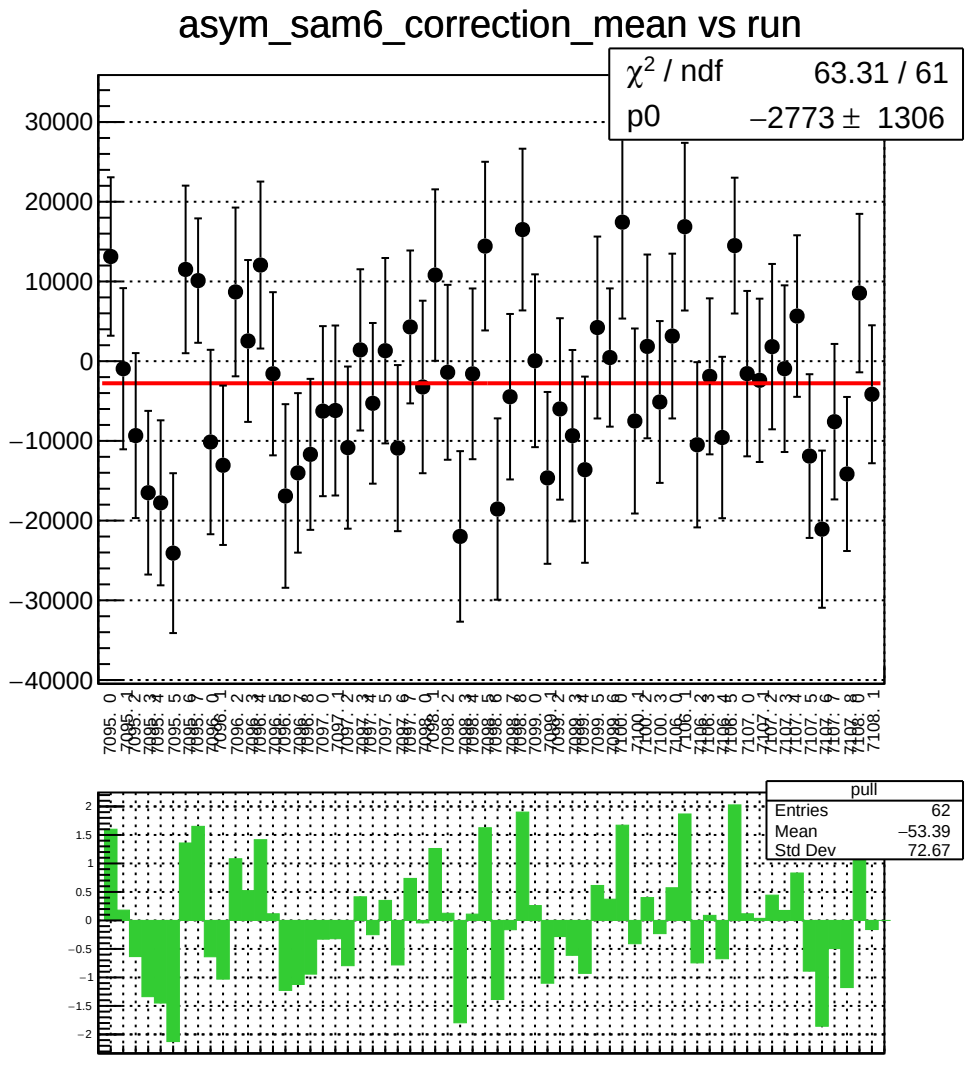

pull1D
Entries 62
Mean 0.004966
Std Dev 0.974

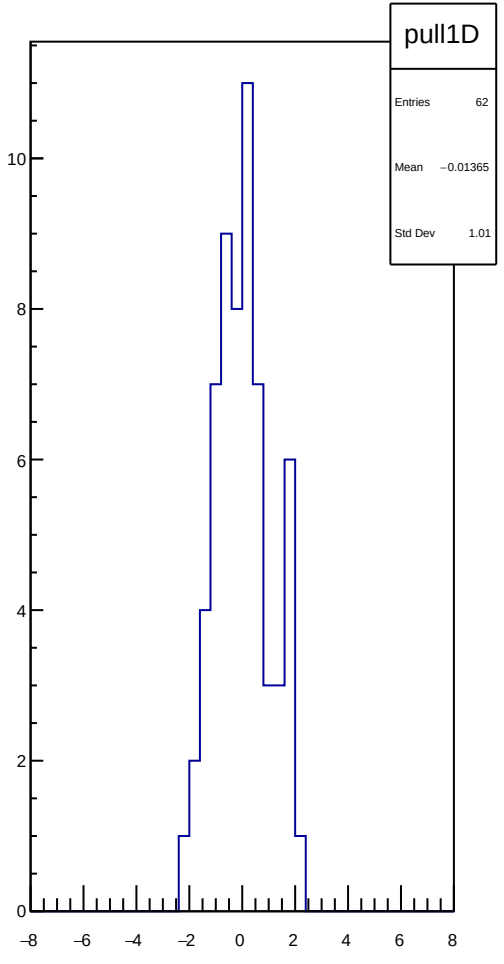

asym_sam5_rms vs run
χ² / ndf 5982 / 61
p0 1053 ± 0.9738
1250
1200
1150
1100
1050
1000
950
900

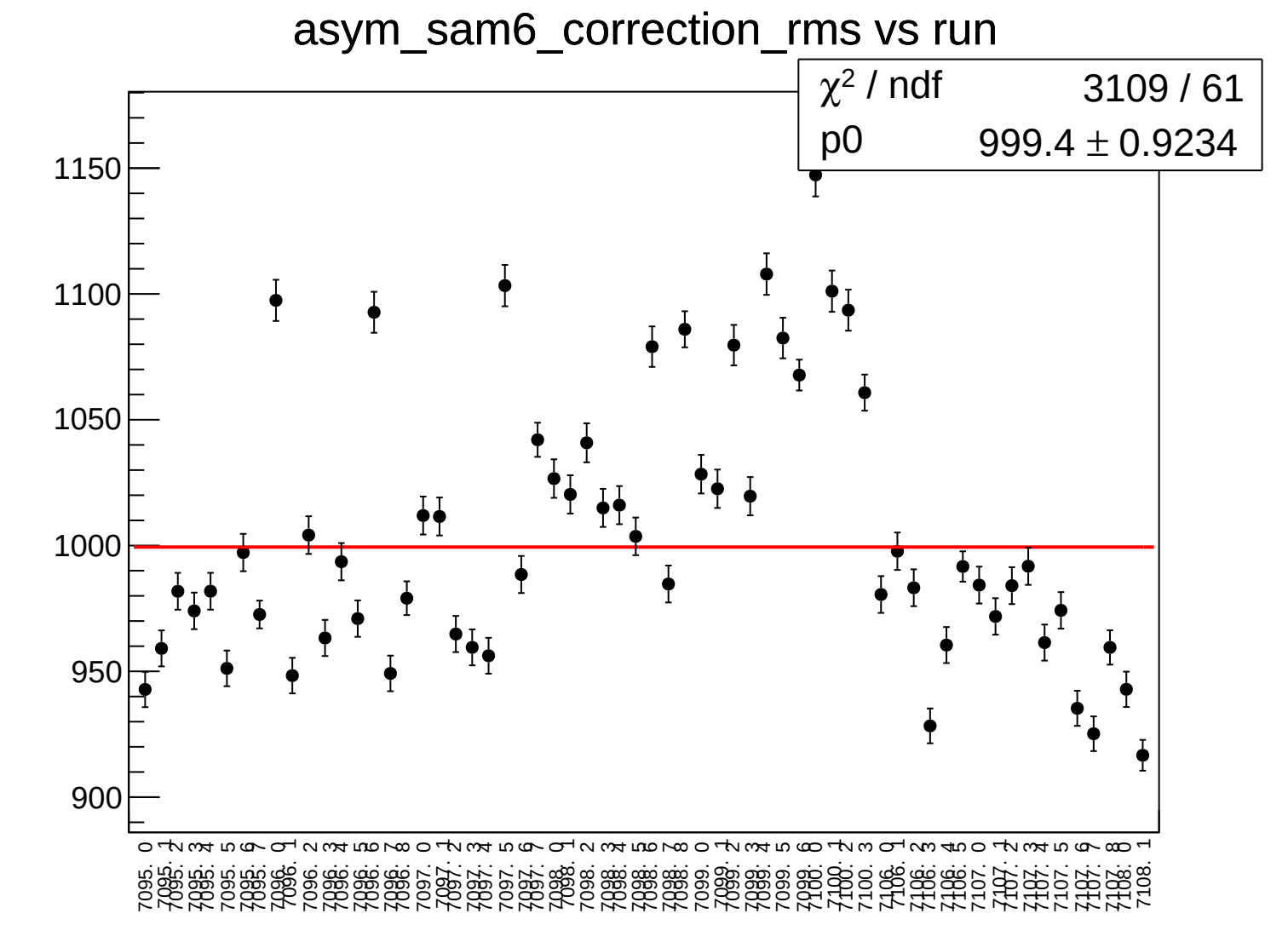

dit_asym_sam6_mean vs run
χ² / ndf 50.57 / 61
p0 −629.9 ± 217.4
pull
Entries 62
Mean −115.2
Std Dev 118.4

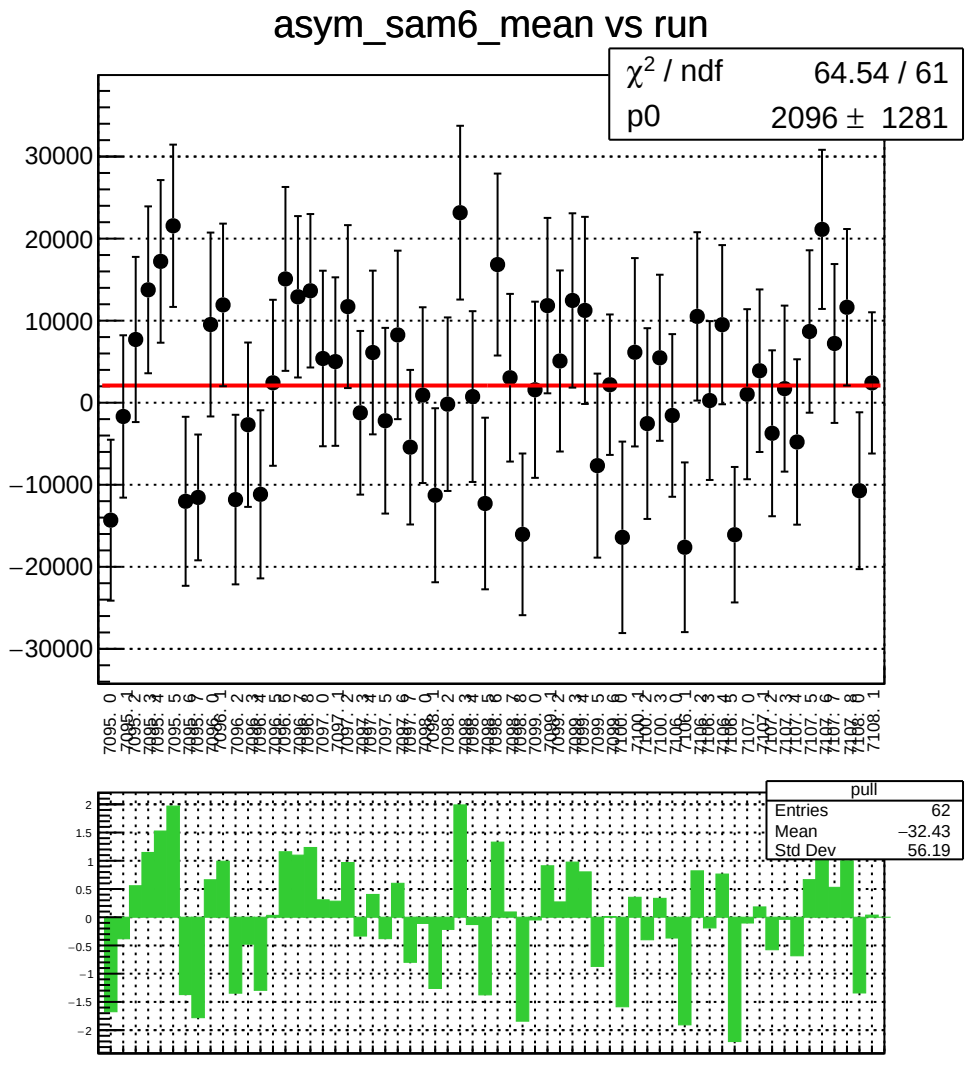

pull1D
Entries 62
Mean −0.01082
Std Dev 0.9031

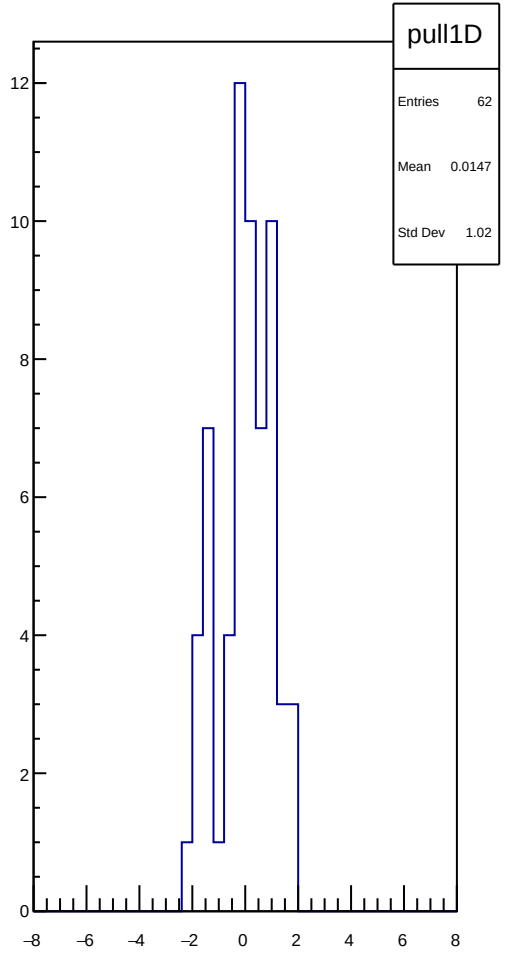

dit_asym_sam6_rms vs run
χ² / ndf 911.7 / 61
p0 166.5 ± 0.1537
185
180
175
170
165
160

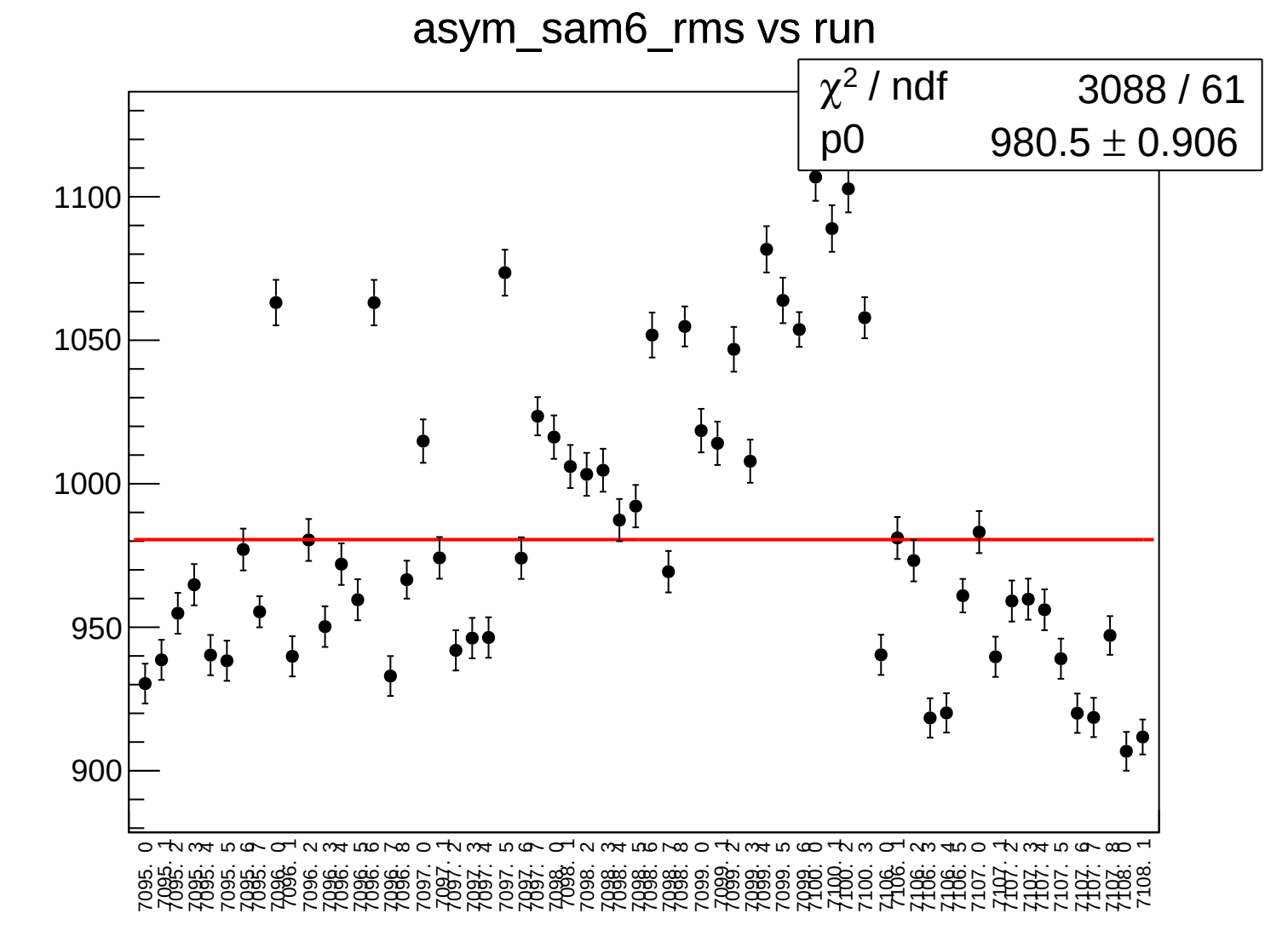

asym_sam6_correction_mean vs run
χ² / ndf 63.31 / 61
p0 −2773 ± 1306
pull
Entries 62
Mean −53.39
Std Dev 72.67

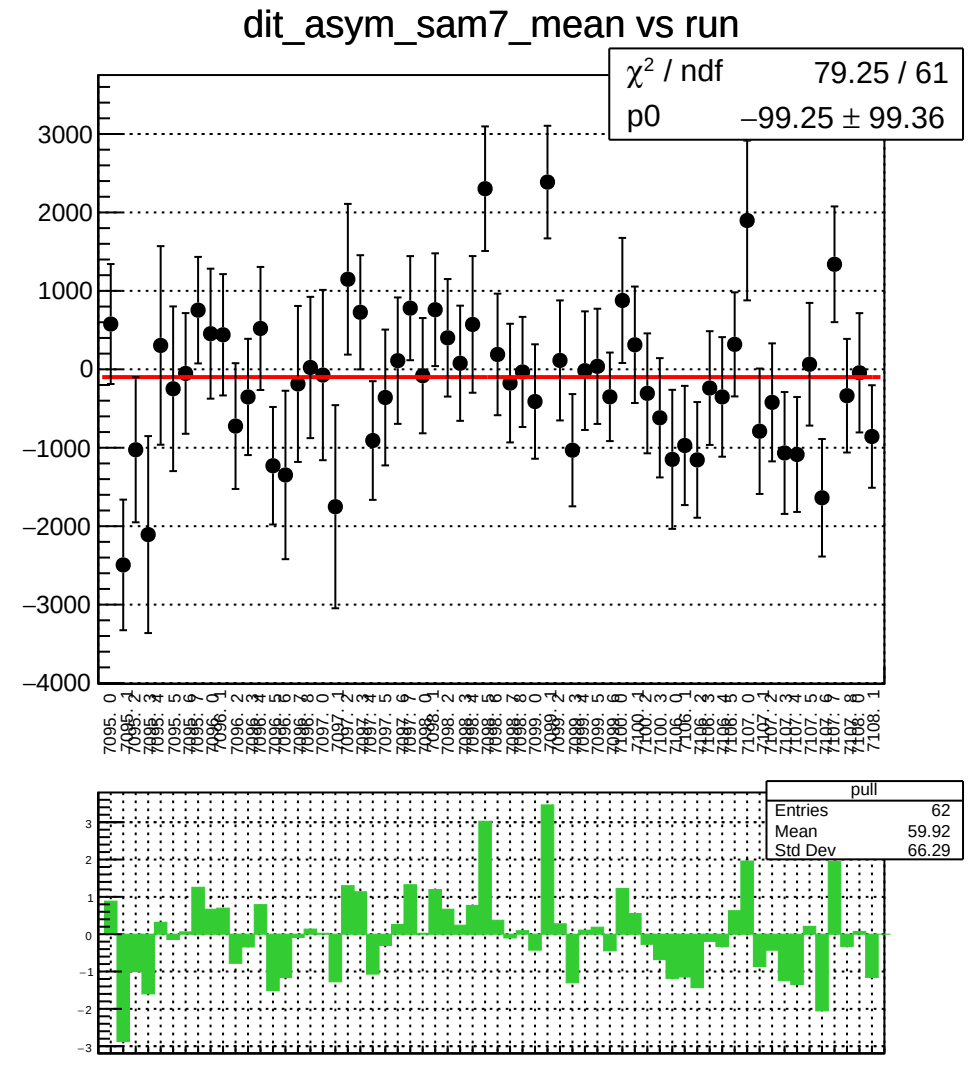

pull1D
Entries 62
Mean −0.01365
Std Dev 1.01

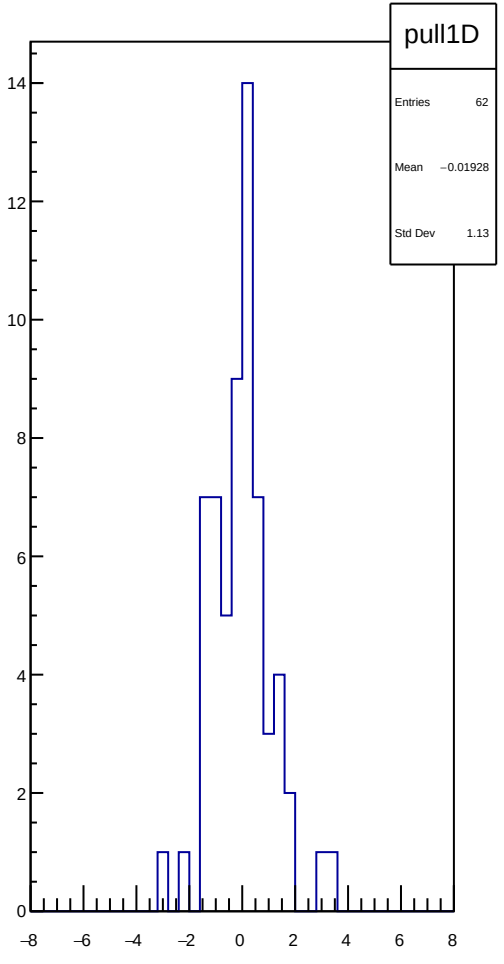

asym_sam6_correction_rms vs run
χ² / ndf 3109 / 61
p0 999.4 ± 0.9234
1150
1100
1050
1000
950
900

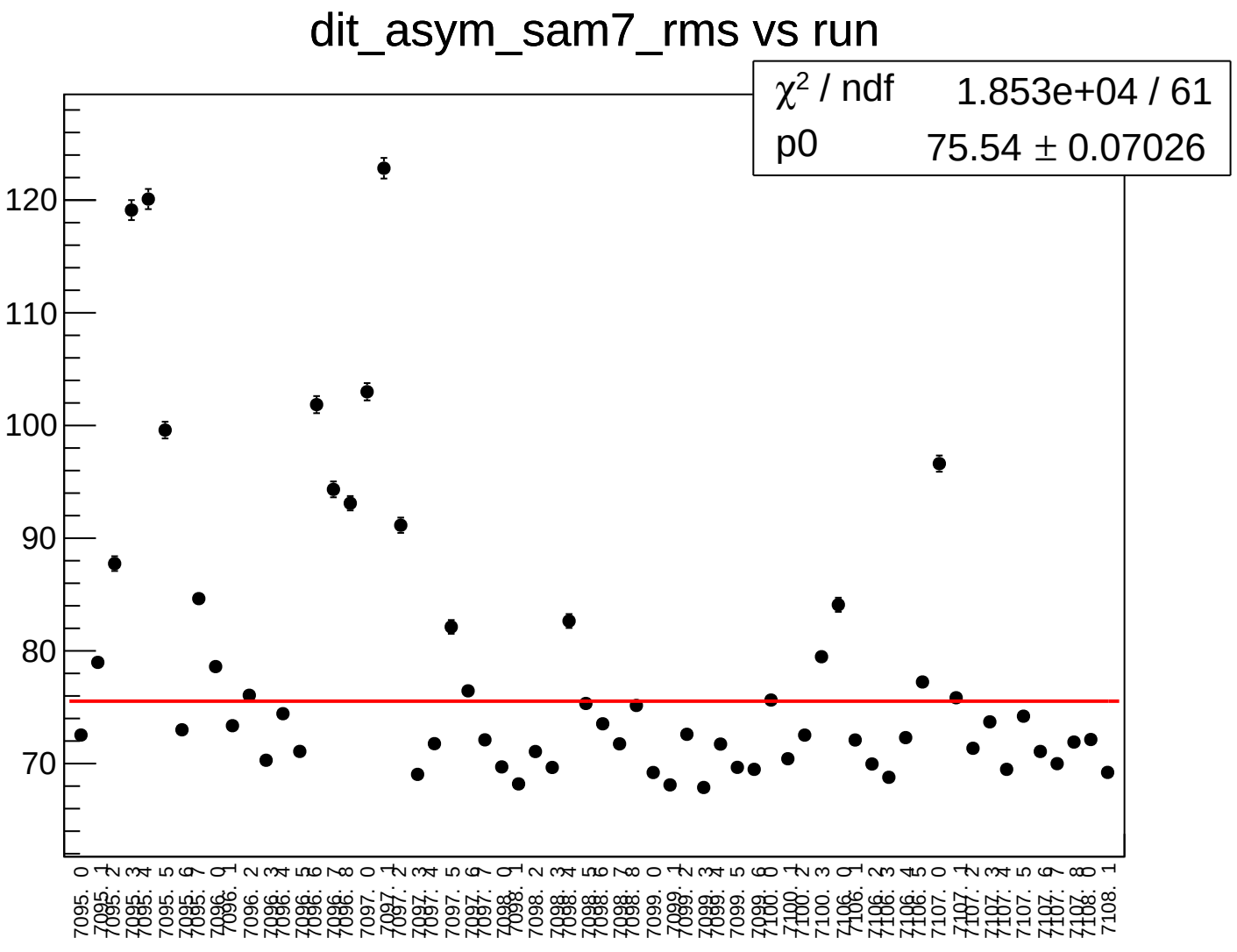

asym_sam6_mean vs run
χ² / ndf 64.54 / 61
p0 2096 ± 1281
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 62
Mean −32.43
Std Dev 56.19
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

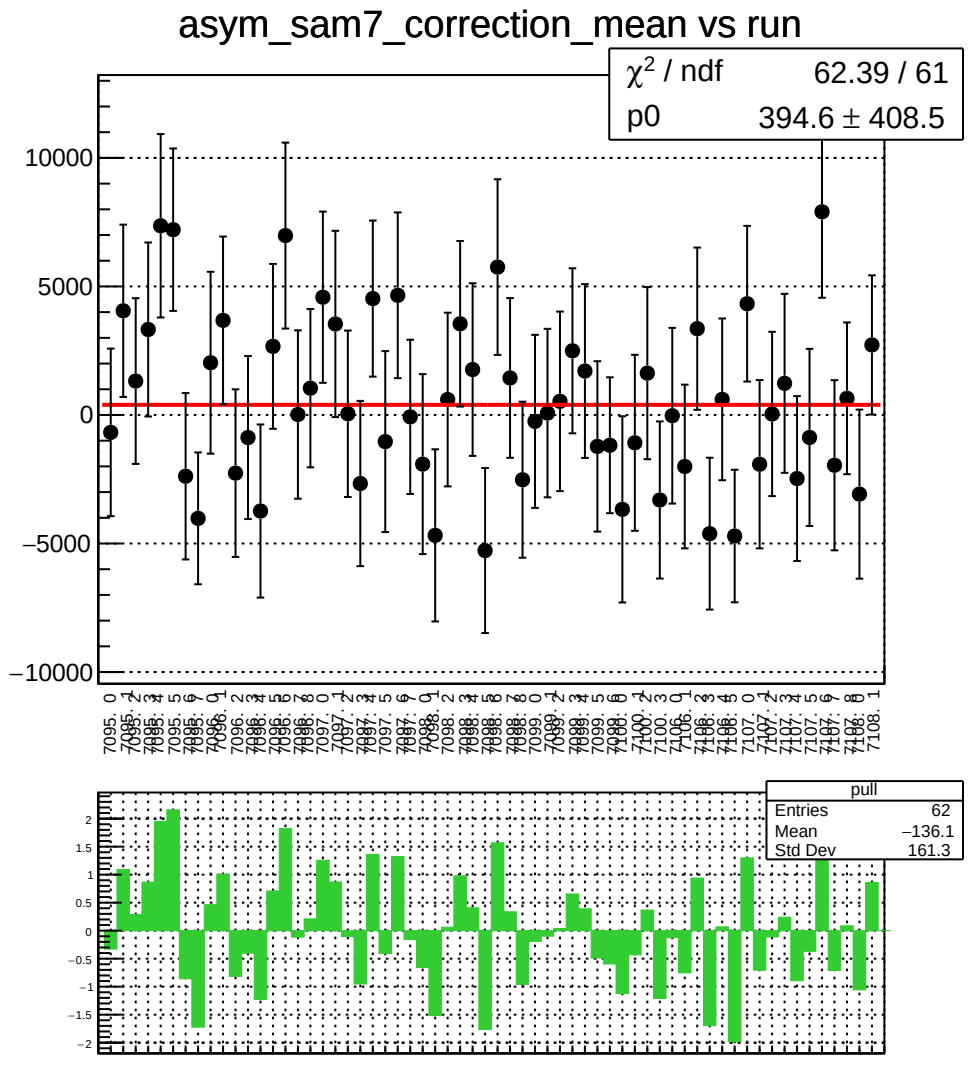

pull1D
Entries 62
Mean 0.0147
Std Dev 1.02
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

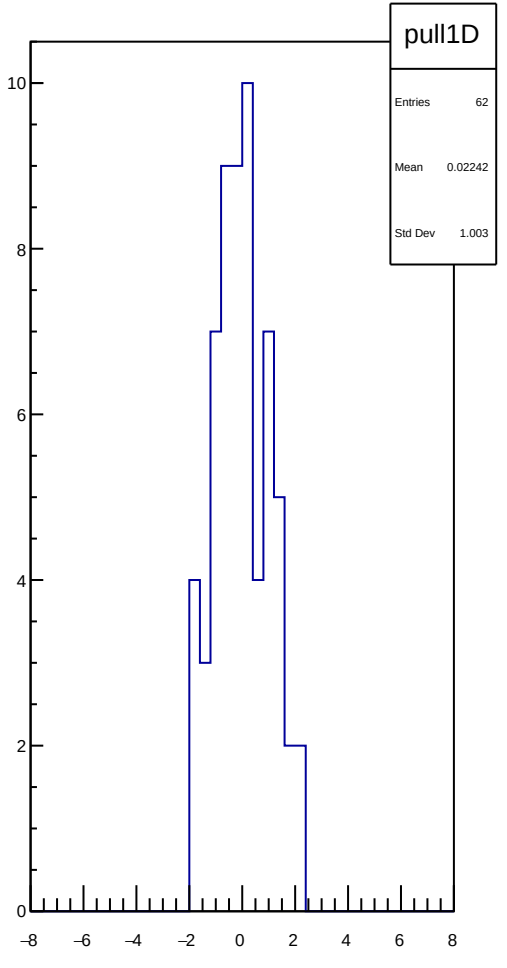

asym_sam6_rms vs run
χ^2 / ndf 3088 / 61
p0 980.5 ± 0.906
1100
1050
1000
950
900
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7108. 0
7108. 1

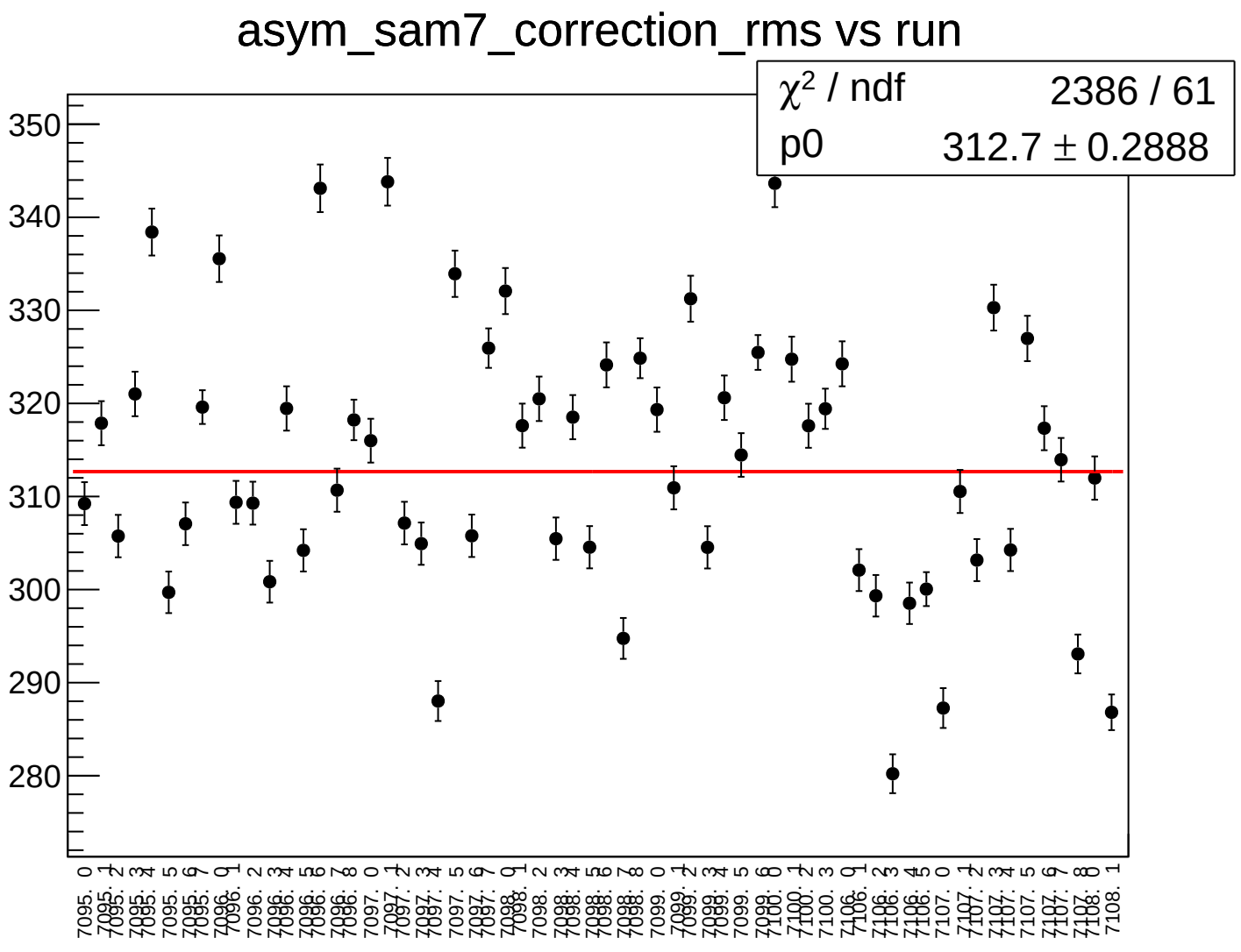

dit_asym_sam7_mean vs run
χ² / ndf 79.25 / 61
p0 −99.25 ± 99.36
pull
Entries 62
Mean 59.92
Std Dev 66.29

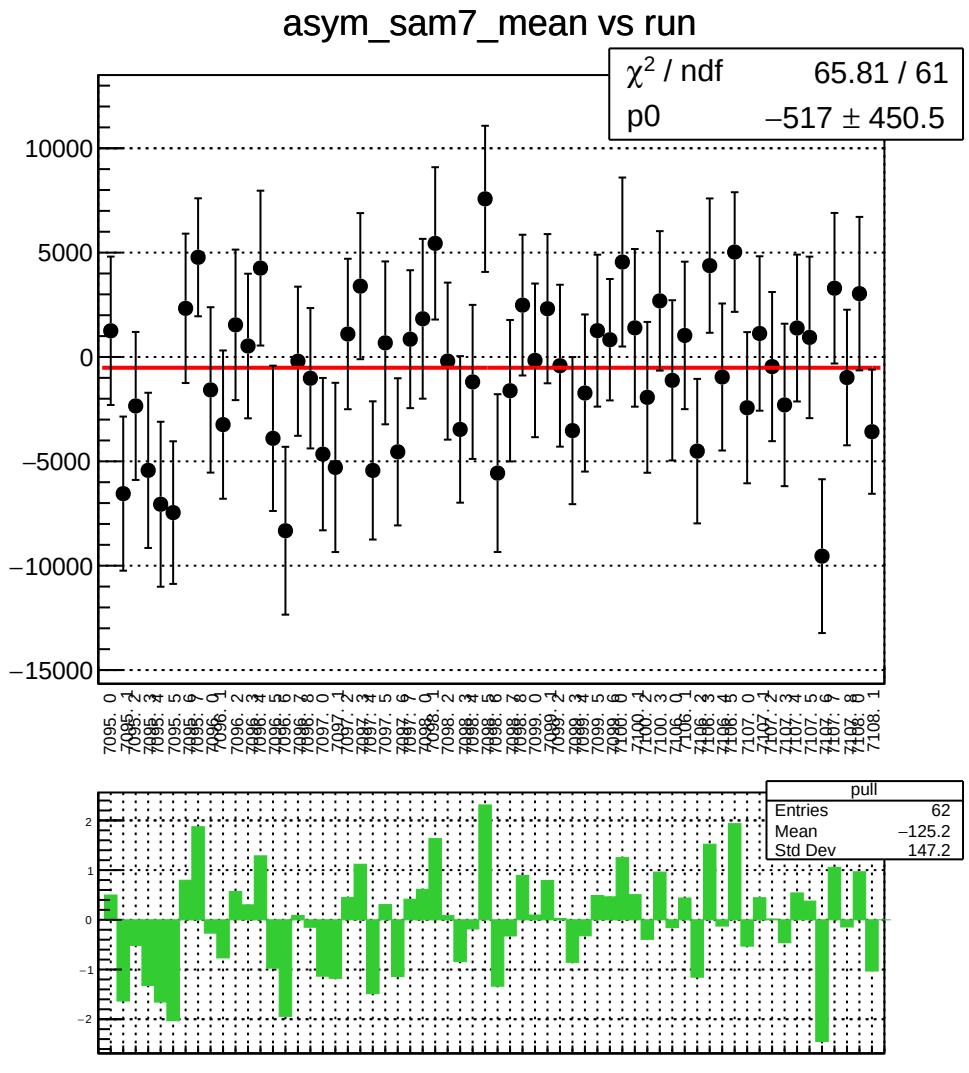

pull1D
Entries 62
Mean −0.01928
Std Dev 1.13

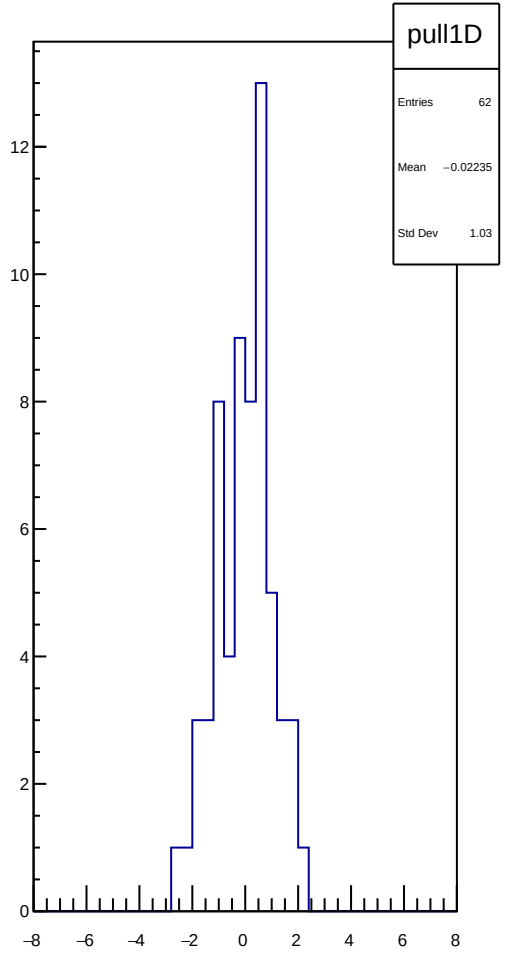

dit_asym_sam7_rms vs run
χ^2 / ndf 1.853e+04 / 61
p0 75.54 ± 0.07026
120
110
100
90
80
70
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

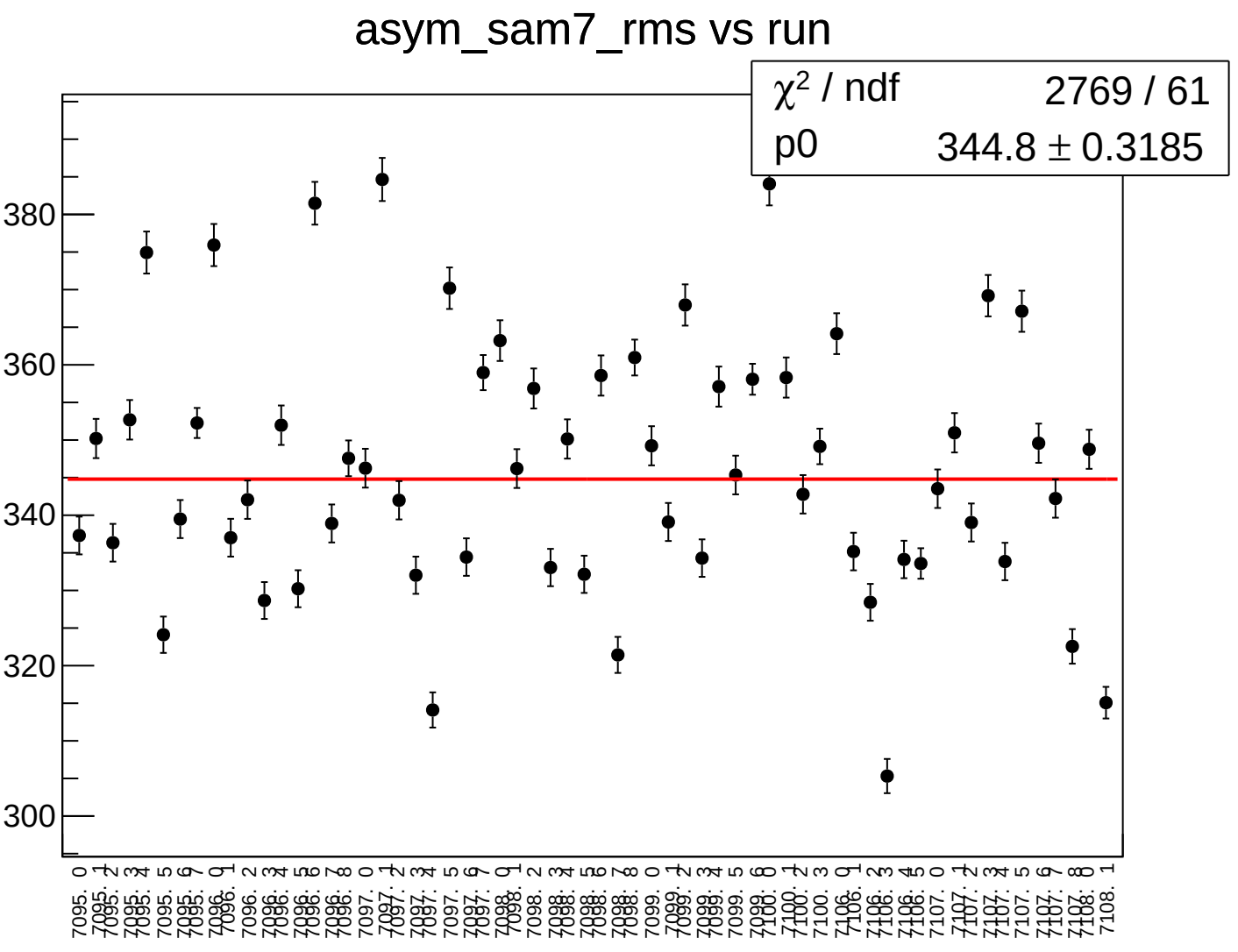

asym_sam7_correction_mean vs run
χ² / ndf 62.39 / 61
p0 394.6 ± 408.5
10000
5000
0
−5000
−10000
pull
Entries 62
Mean −136.1
Std Dev 161.3
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

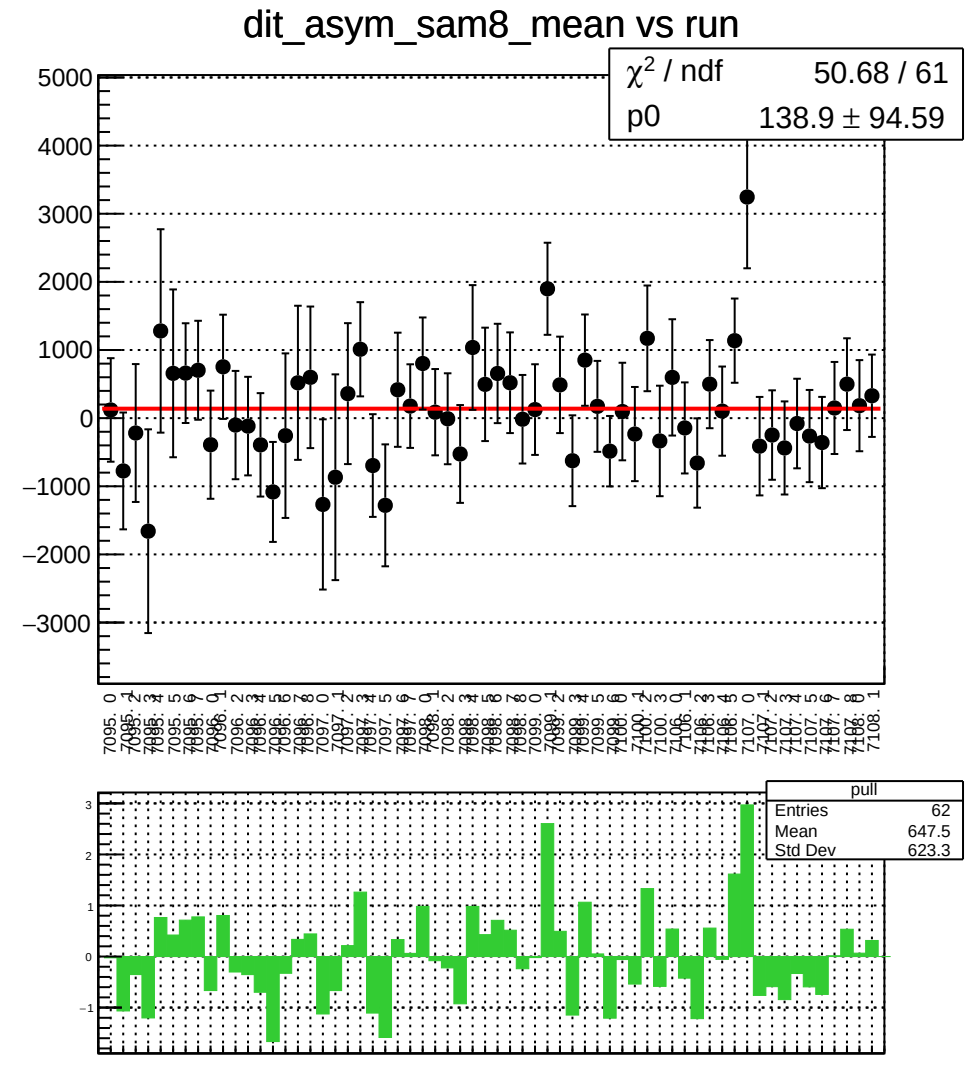

pull1D
Entries 62
Mean 0.02242
Std Dev 1.003
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

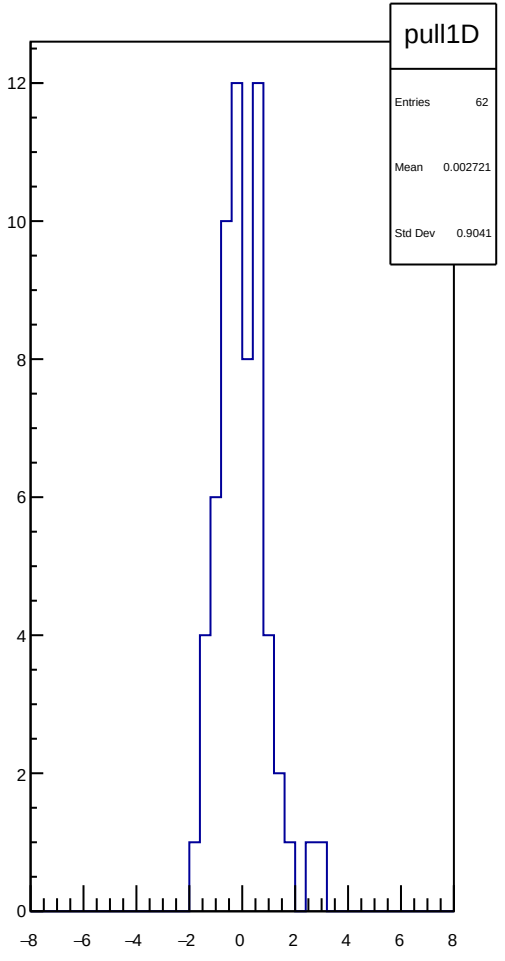

asym_sam7_correction_rms vs run
χ² / ndf 2386 / 61
p0 312.7 ± 0.2888
350
340
330
320
310
300
290
280
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
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7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
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7099. 8
7099. 9
7100. 0
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7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7106. 6
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7108. 0
7108. 1

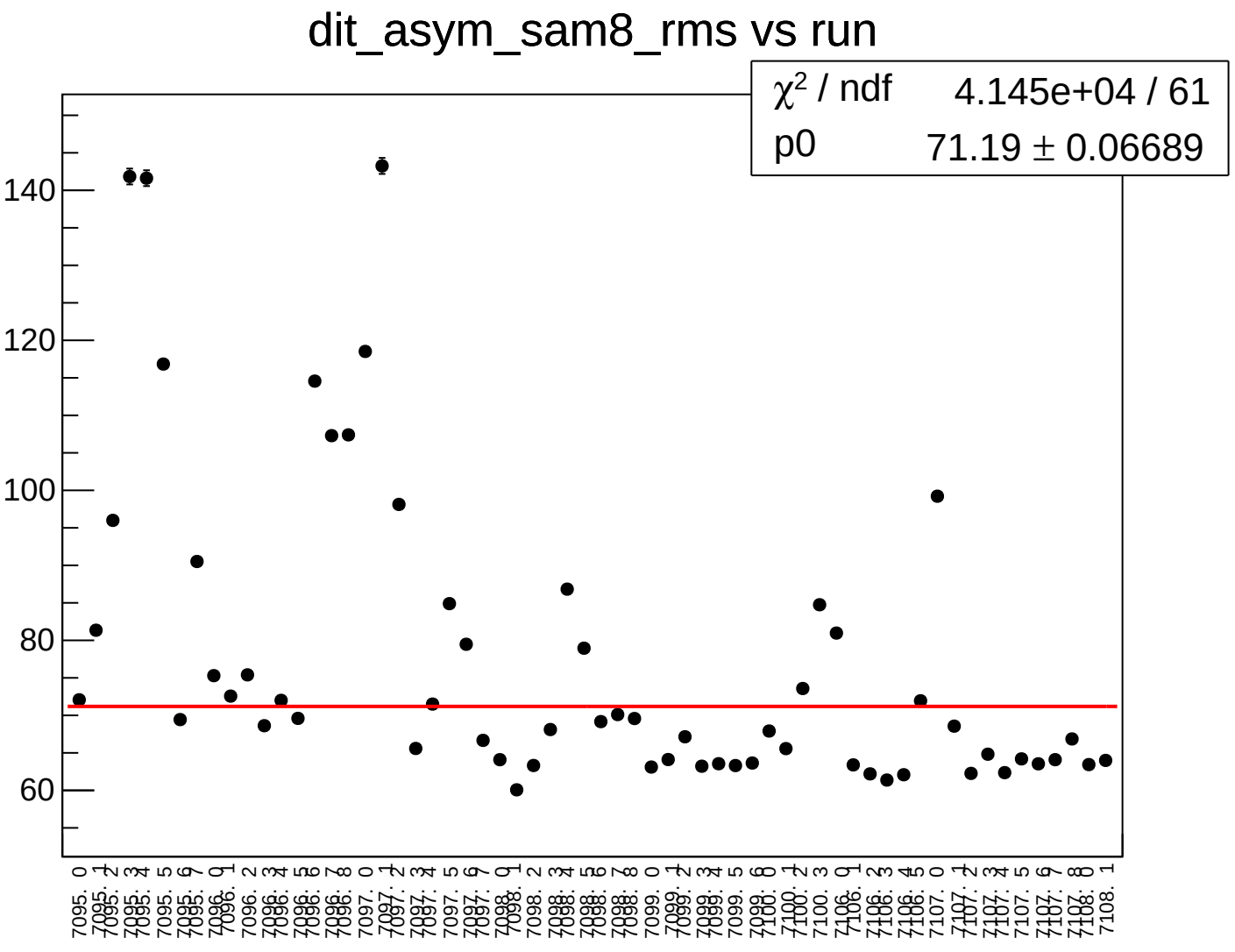

asym_sam7_mean vs run
χ² / ndf 65.81 / 61
p0 −517 ± 450.5
10000
5000
0
−5000
−10000
−15000
pull
Entries 62
Mean −125.2
Std Dev 147.2
2
1
0
−1
−2

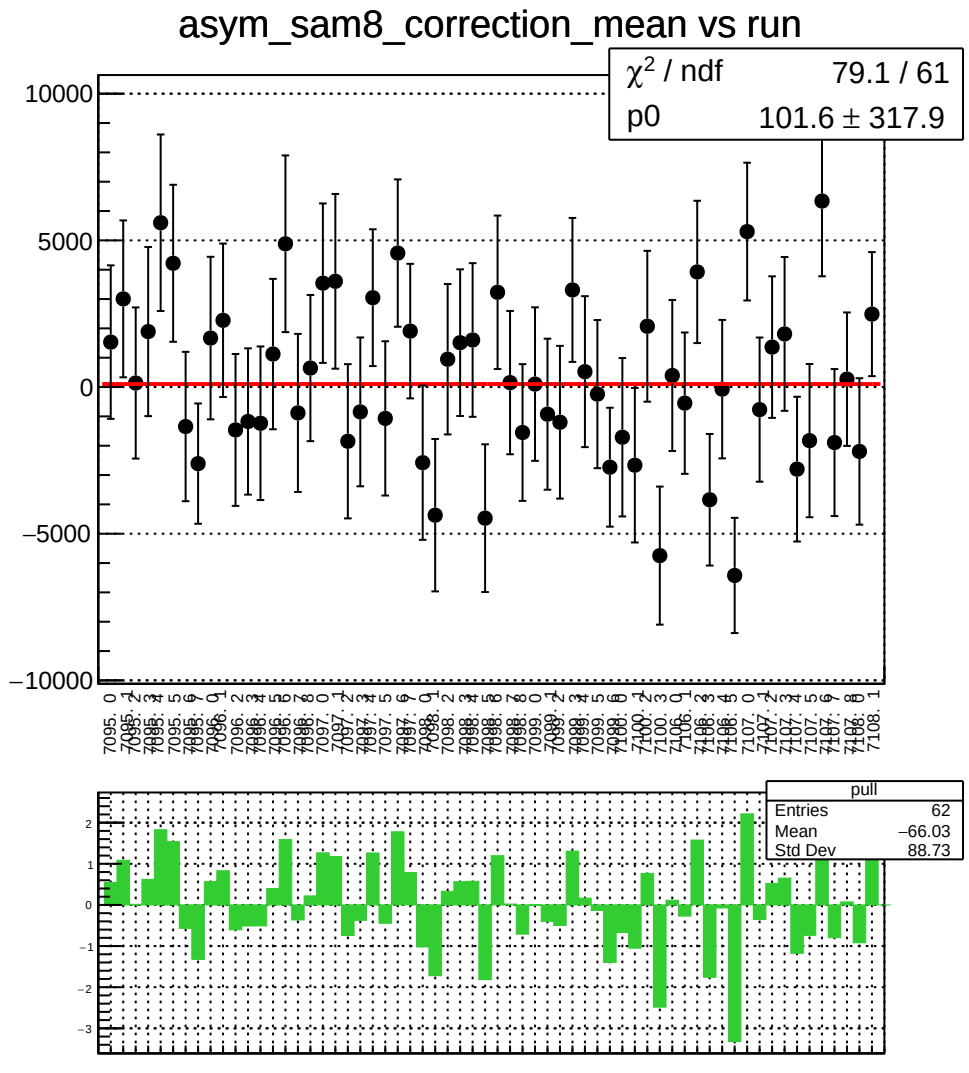

pull1D
Entries 62
Mean −0.02235
Std Dev 1.03
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

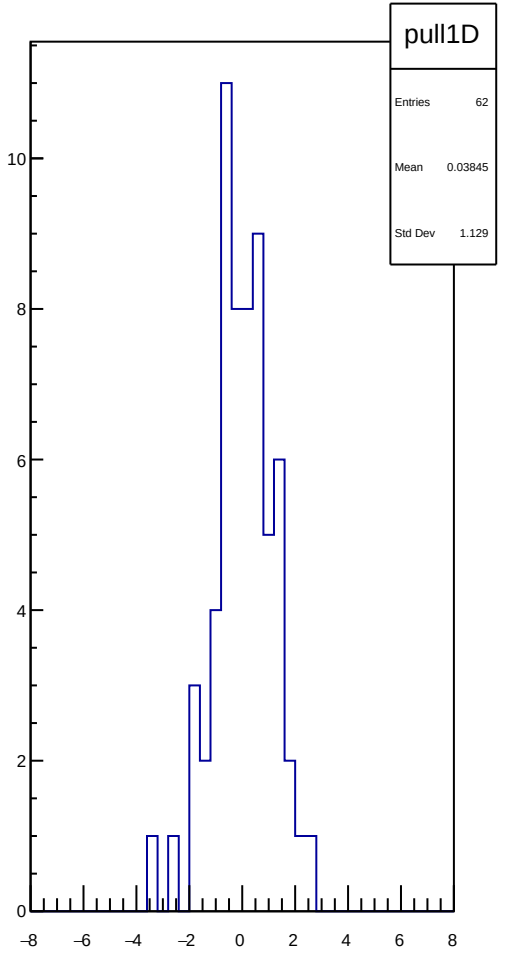

asym_sam7_rms vs run
χ² / ndf 2769 / 61
p0 344.8 ± 0.3185
380
360
340
320
300
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7106. 6
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7108. 0
7108. 1

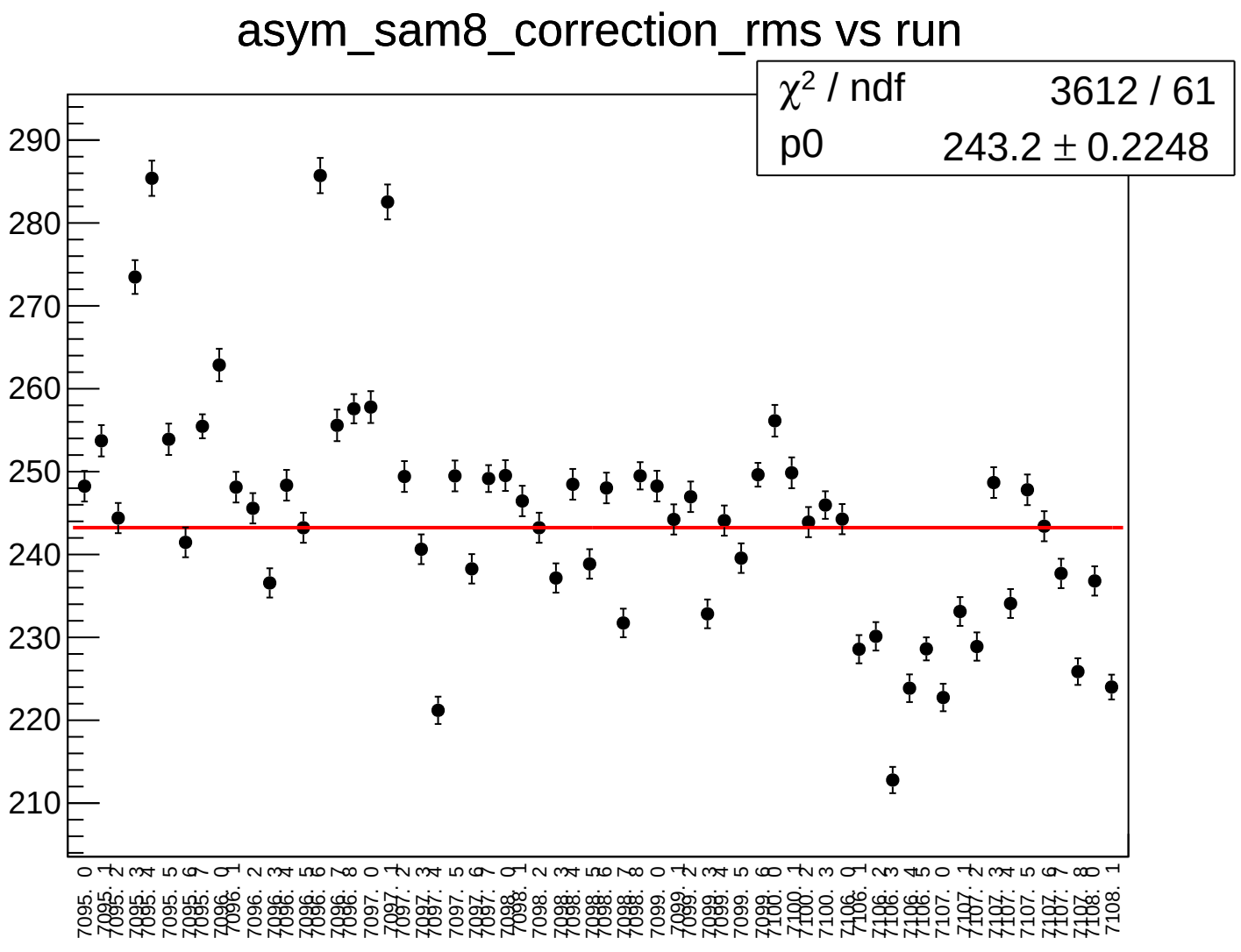

dit_asym_sam8_mean vs run
χ^2 / ndf 50.68 / 61
p0 138.9 ± 94.59
pull
Entries 62
Mean 647.5
Std Dev 623.3

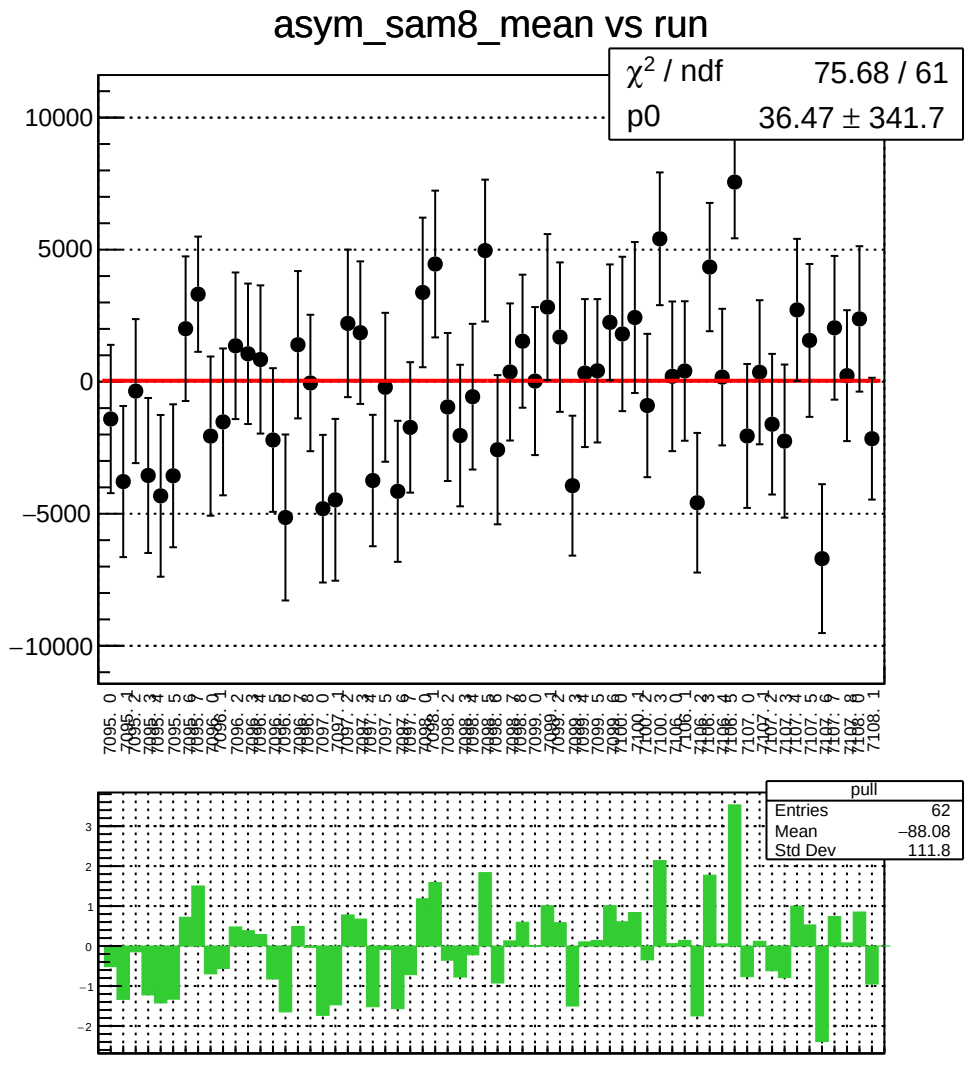

pull1D
Entries 62
Mean 0.002721
Std Dev 0.9041

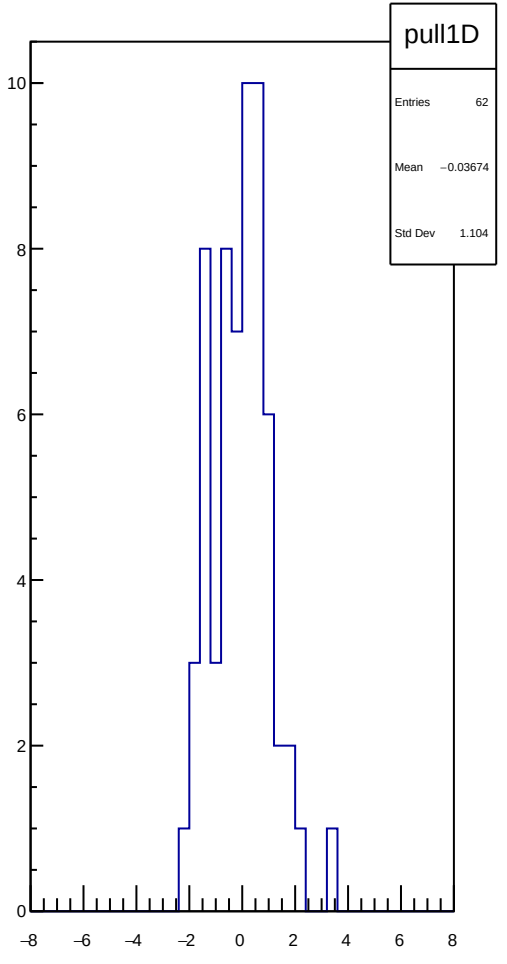

dit_asym_sam8_rms vs run
χ² / ndf 4.145e+04 / 61
p0 71.19 ± 0.06689
140
120
100
80
60

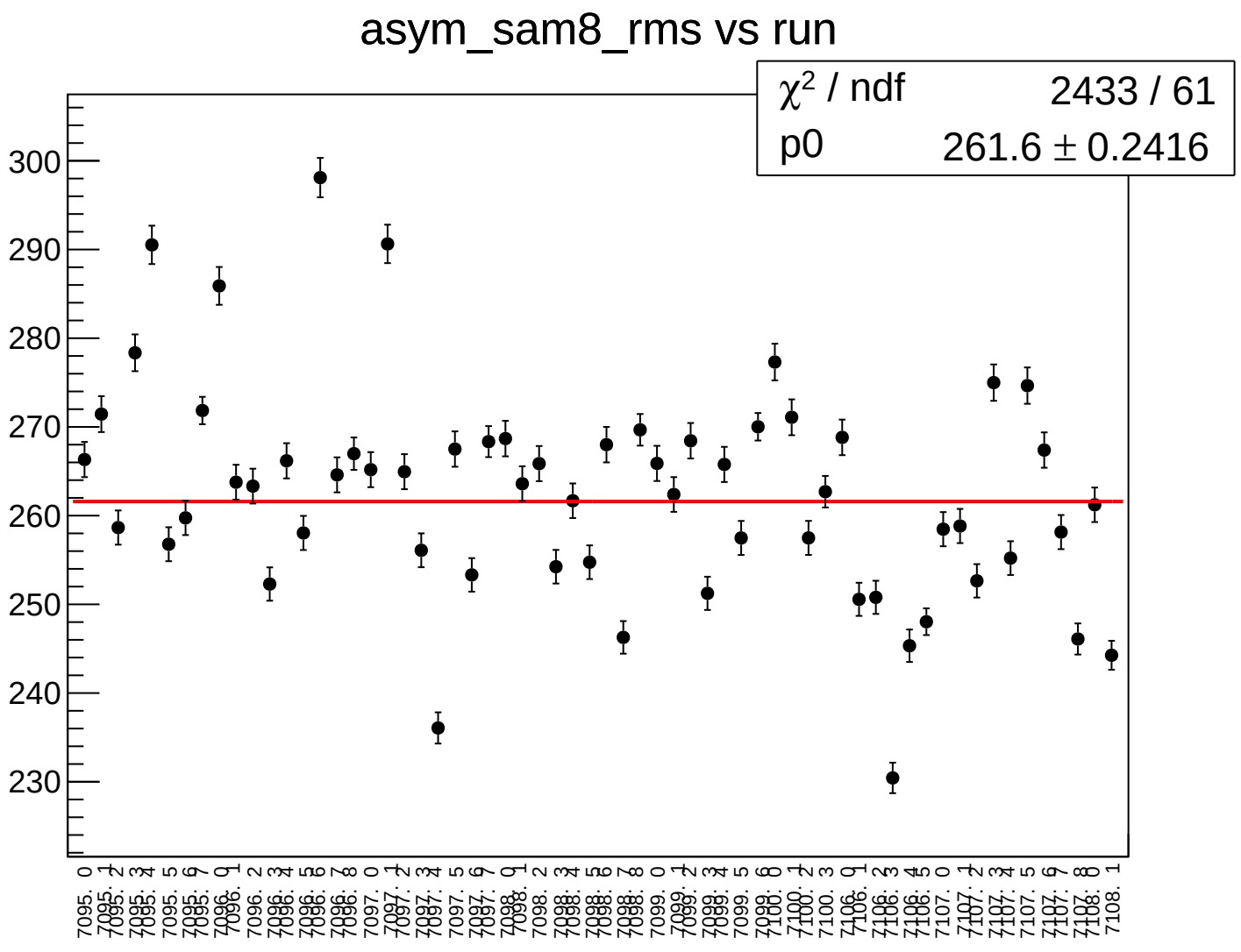

asym_sam8_correction_mean vs run
χ² / ndf 79.1 / 61
p0 101.6 ± 317.9
10000
5000
0
−5000
−10000
pull
Entries 62
Mean −66.03
Std Dev 88.73
2
1
0
−1
−2
−3

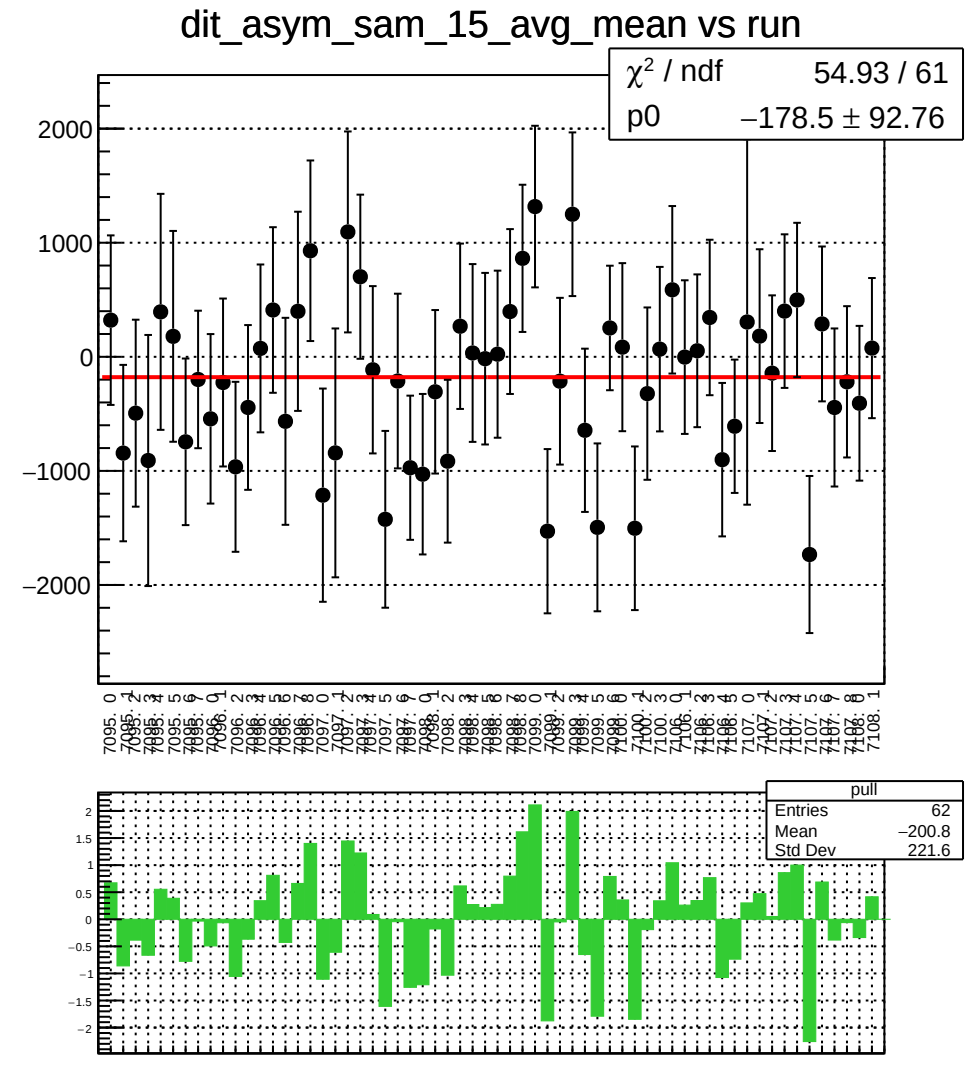

pull1D
Entries 62
Mean 0.03845
Std Dev 1.129
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

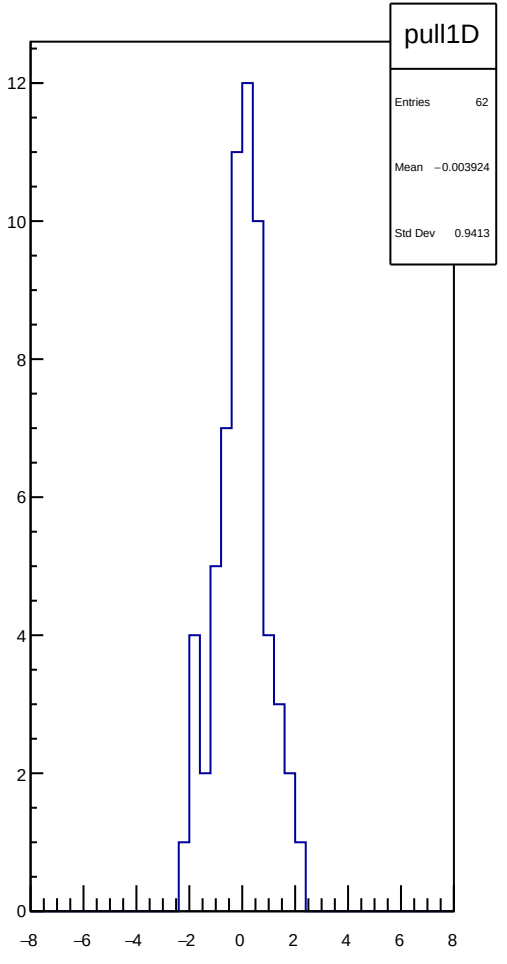

asym_sam8_correction_rms vs run
χ² / ndf 3612 / 61
p0 243.2 ± 0.2248
290
280
270
260
250
240
230
220
210
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7100. 4
7100. 5
7100. 6
7100. 7
7100. 8
7100. 9
7101. 0
7101. 1
7101. 2
7101. 3
7101. 4
7101. 5
7101. 6
7101. 7
7101. 8
7101. 9
7102. 0
7102. 1
7102. 2
7102. 3
7102. 4
7102. 5
7102. 6
7102. 7
7102. 8
7102. 9
7103. 0
7103. 1
7103. 2
7103. 3
7103. 4
7103. 5
7103. 6
7103. 7
7103. 8
7103. 9
7104. 0
7104. 1
7104. 2
7104. 3
7104. 4
7104. 5
7104. 6
7104. 7
7104. 8
7104. 9
7105. 0
7105. 1
7105. 2
7105. 3
7105. 4
7105. 5
7105. 6
7105. 7
7105. 8
7105. 9
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7106. 6
7106. 7
7106. 8
7106. 9
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

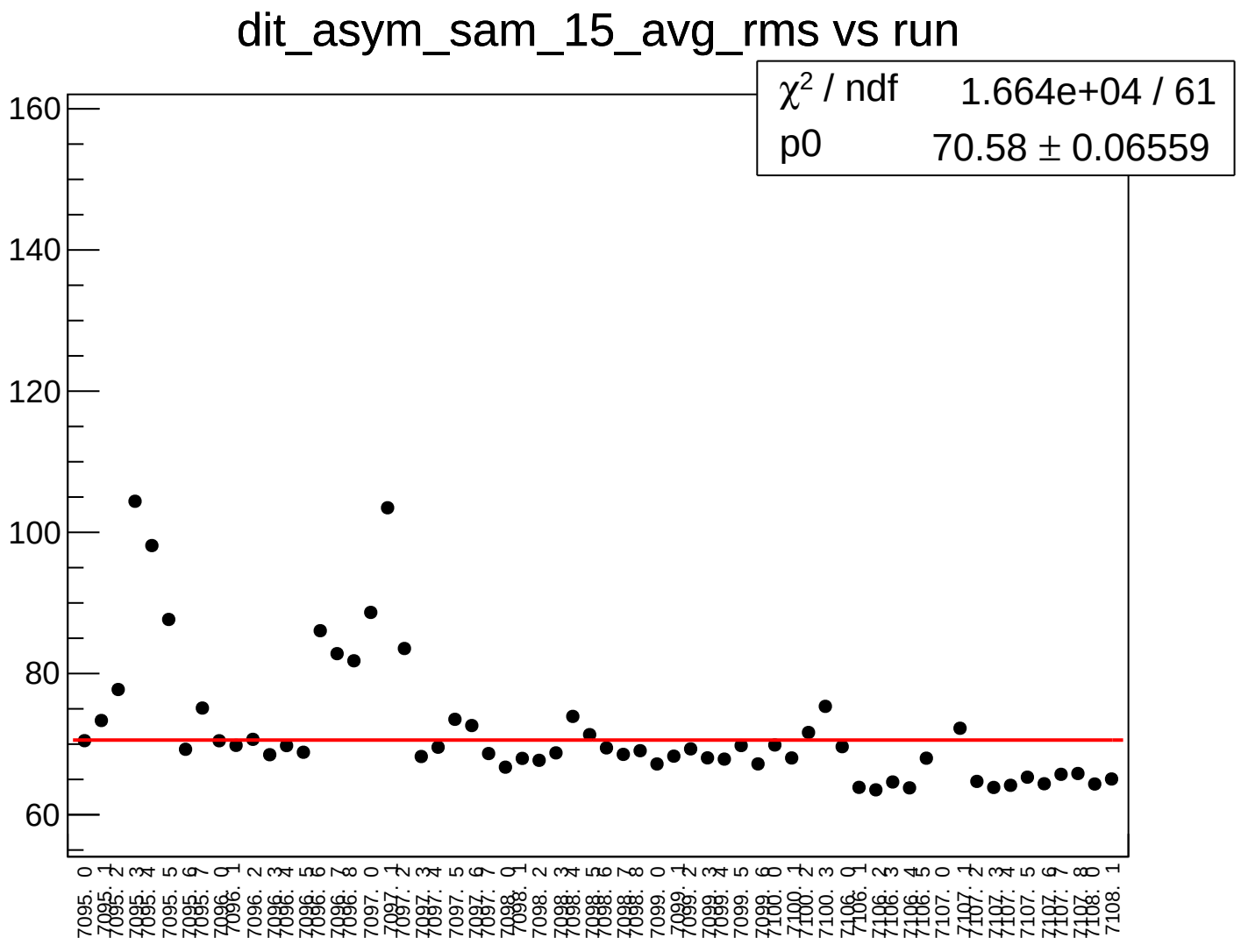

asym_sam8_mean vs run
χ² / ndf 75.68 / 61
p0 36.47 ± 341.7
10000
5000
0
−5000
−10000
pull
Entries 62
Mean −88.08
Std Dev 111.8
3
2
1
0
−1
−2

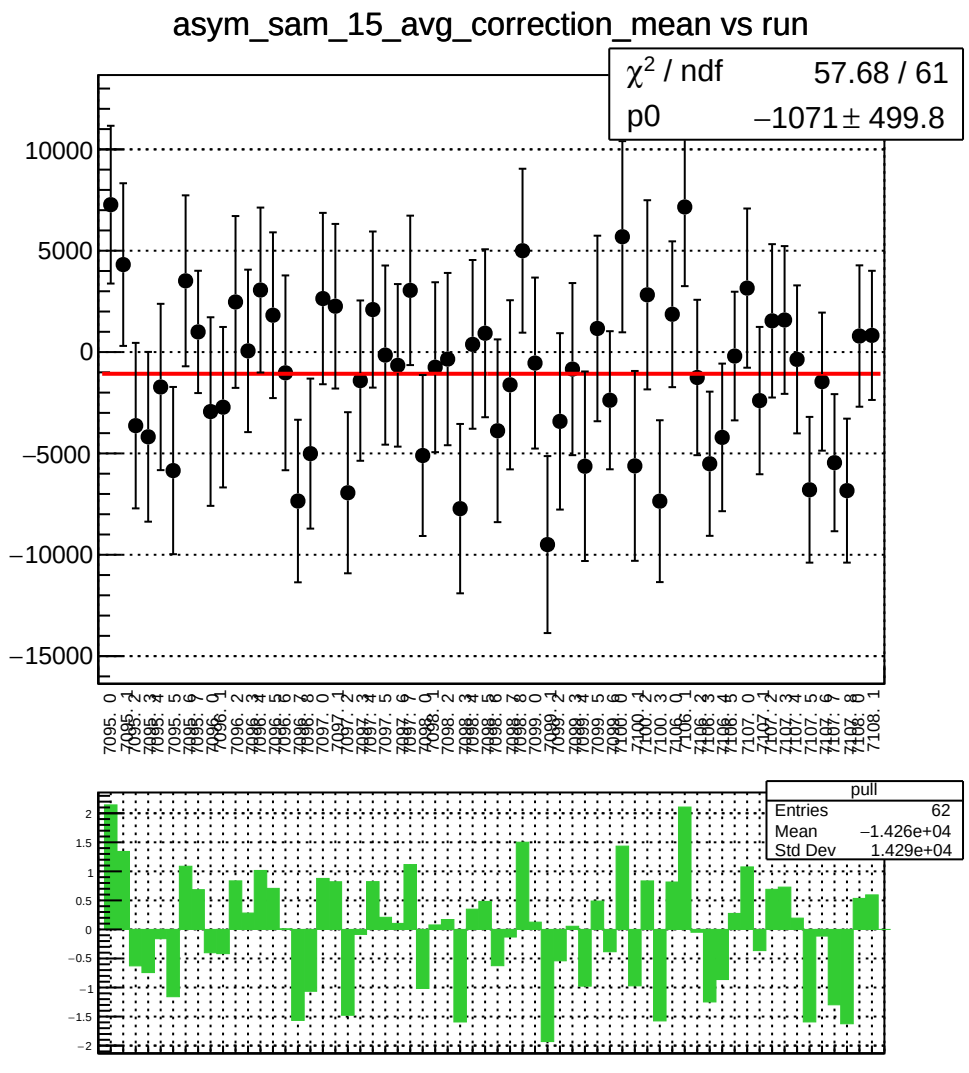

pull1D
Entries 62
Mean −0.03674
Std Dev 1.104
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

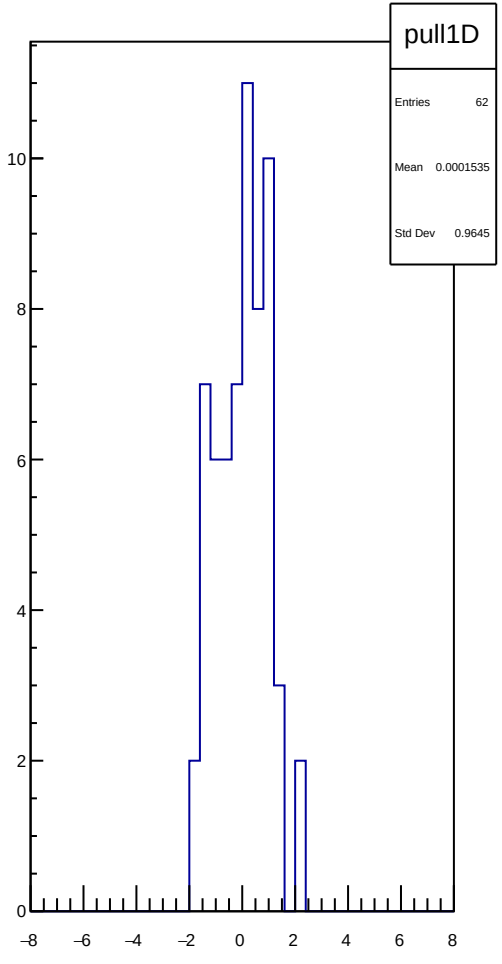

asym_sam8_rms vs run
χ² / ndf 2433 / 61
p0 261.6 ± 0.2416
300
290
280
270
260
250
240
230

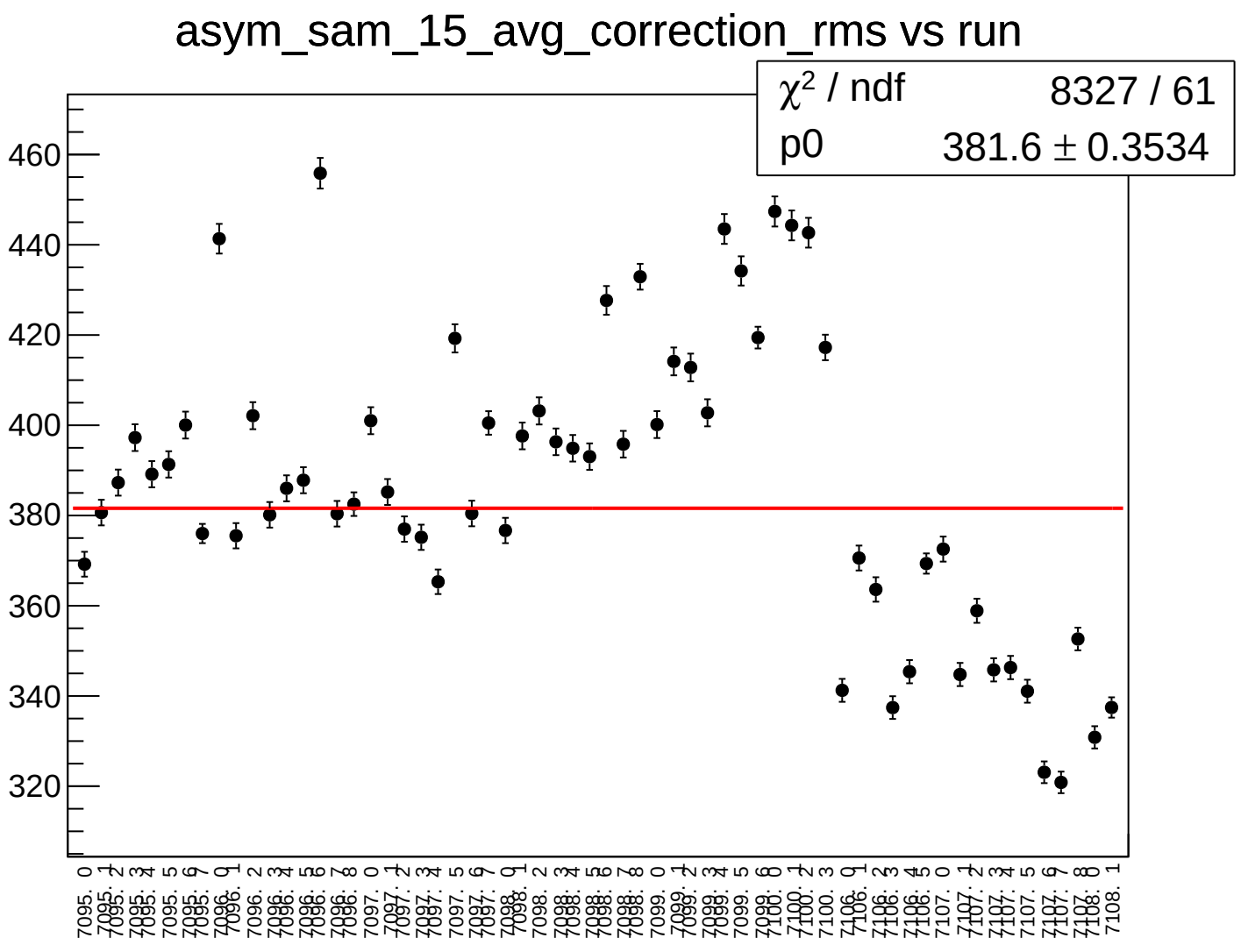

dit_asym_sam_15_avg_mean vs run
χ² / ndf 54.93 / 61
p0 −178.5 ± 92.76
2000
1000
0
−1000
−2000
pull
Entries 62
Mean −200.8
Std Dev 221.6
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

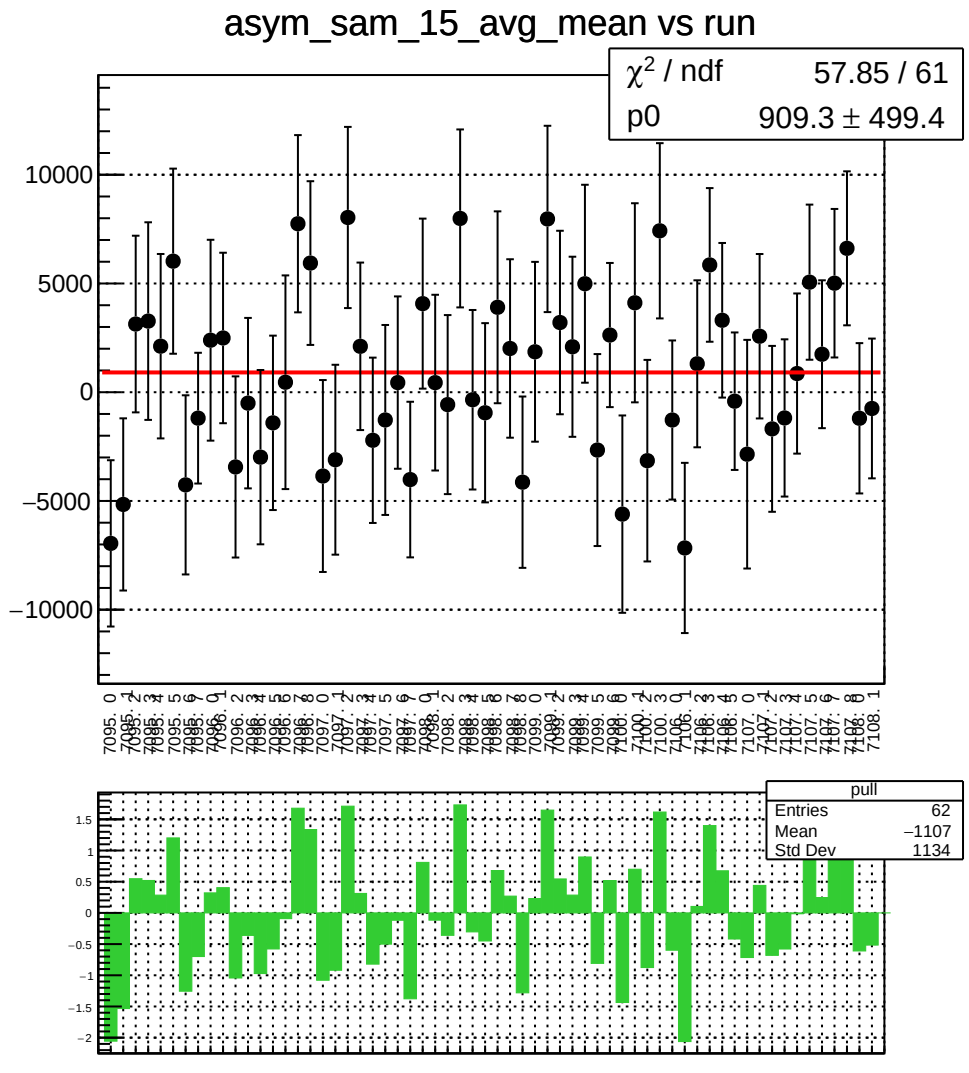

pull1D
Entries 62
Mean −0.003924
Std Dev 0.9413
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

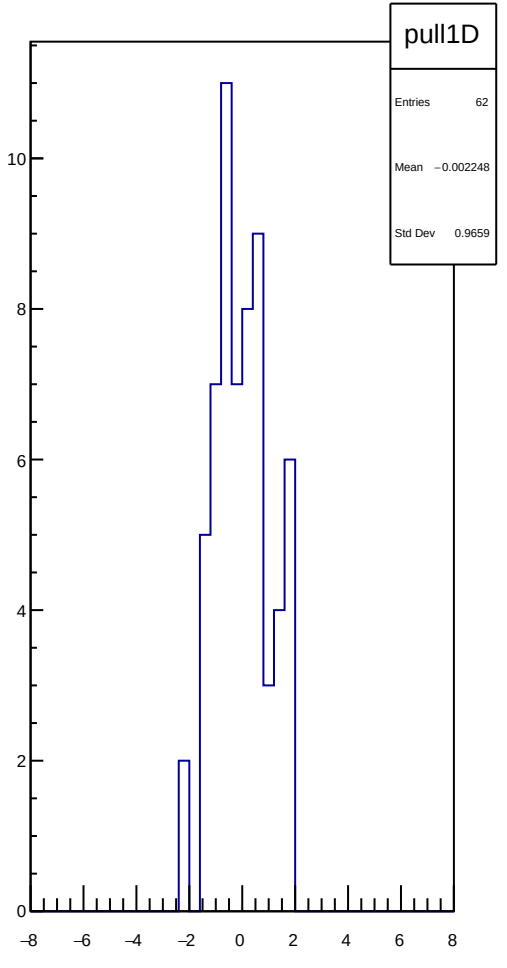

dit_asym_sam_15_avg_rms vs run
χ² / ndf 1.664e+04 / 61
p0 70.58 ± 0.06559
160
140
120
100
80
60

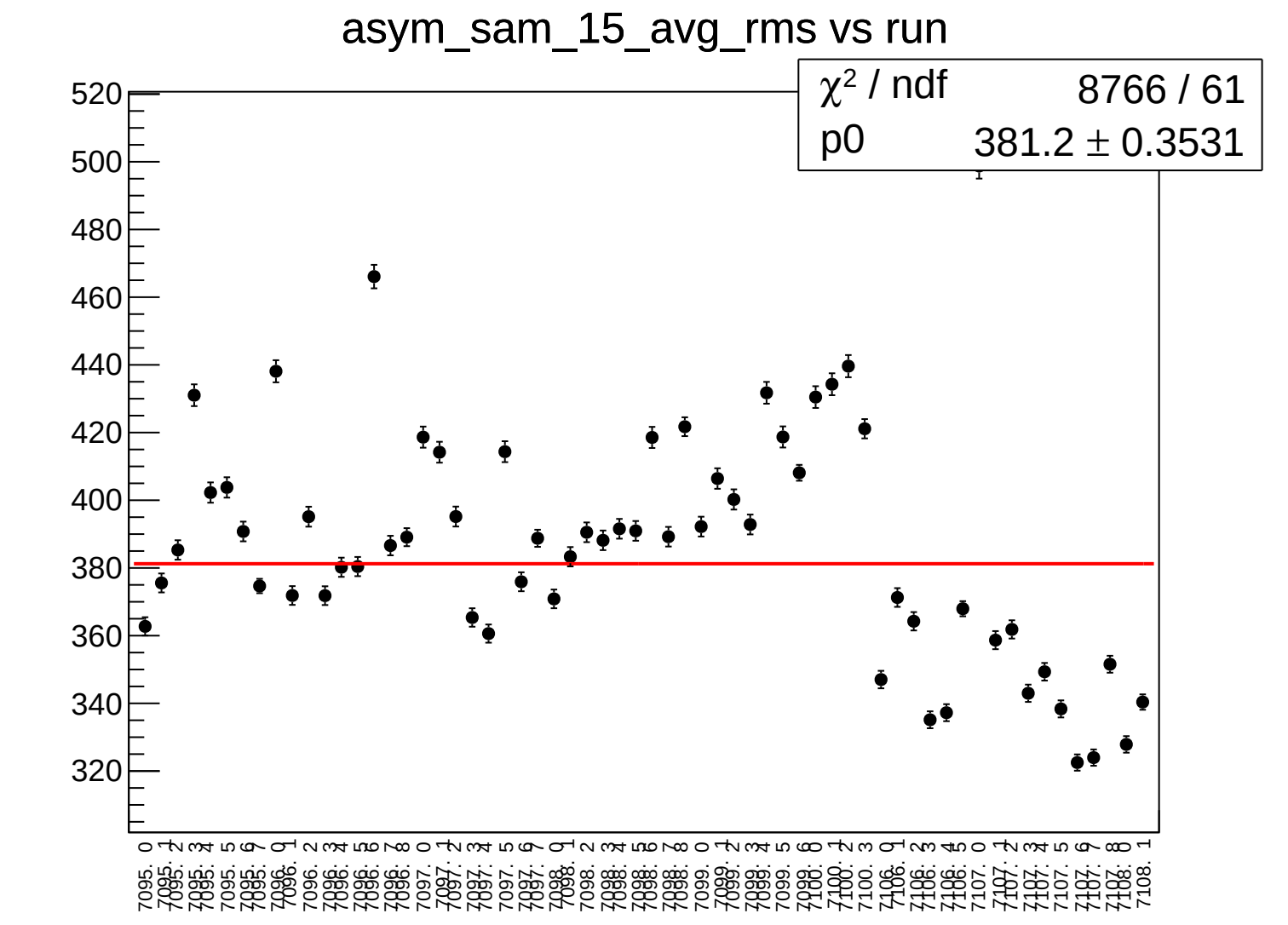

asym_sam_15_avg_correction_mean vs run
χ² / ndf 57.68 / 61
p0 −1071 ± 499.8
pull
Entries 62
Mean −1.426e+04
Std Dev 1.429e+04

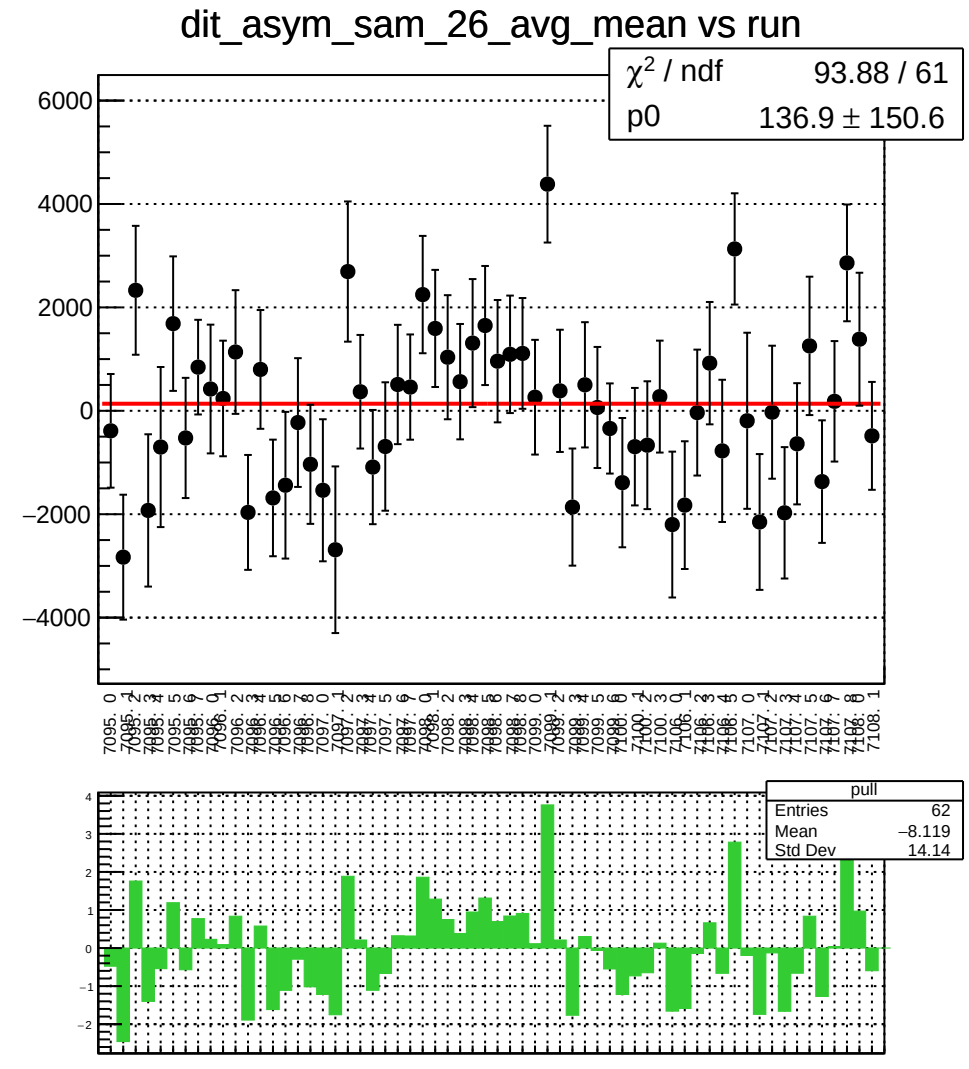

pull1D
Entries 62
Mean 0.0001535
Std Dev 0.9645

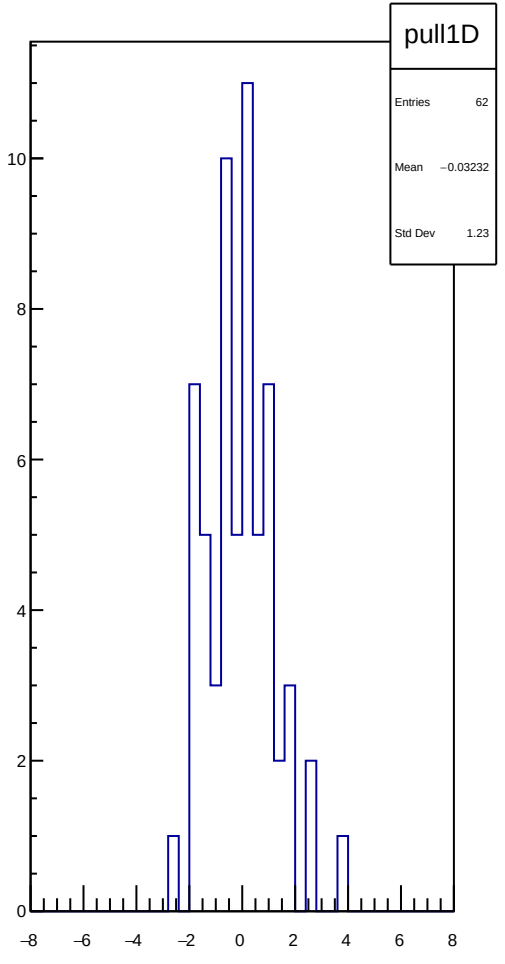

asym_sam_15_avg_correction_rms vs run
χ² / ndf 8327 / 61
p0 381.6 ± 0.3534
460
440
420
400
380
360
340
320
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7106. 6
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7108. 0
7108. 1

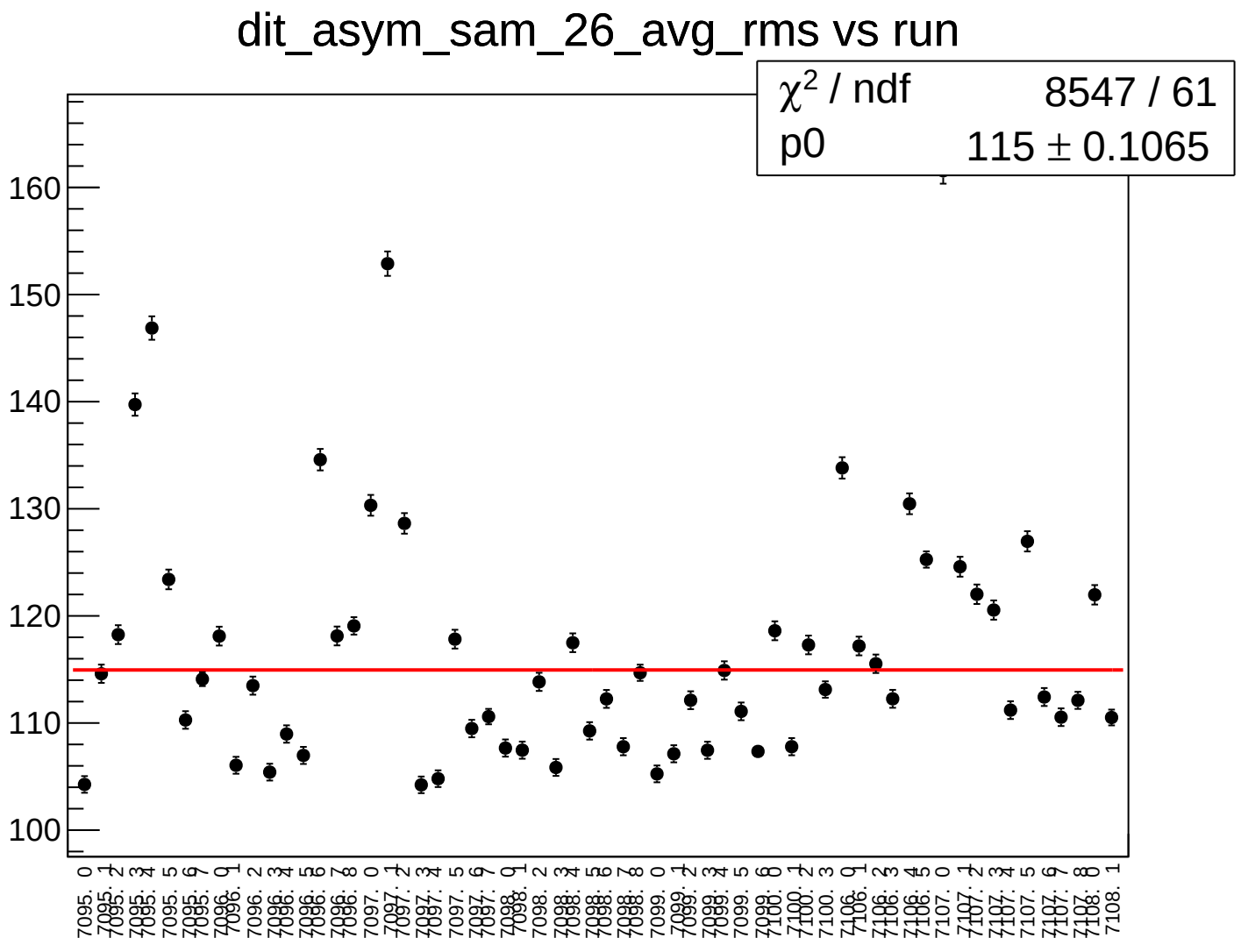

asym_sam_15_avg_mean vs run
χ² / ndf 57.85 / 61
p0 909.3 ± 499.4
10000
5000
0
−5000
−10000
pull
Entries 62
Mean −1107
Std Dev 1134
1.5
1
0.5
0
−0.5
−1
−1.5
−2

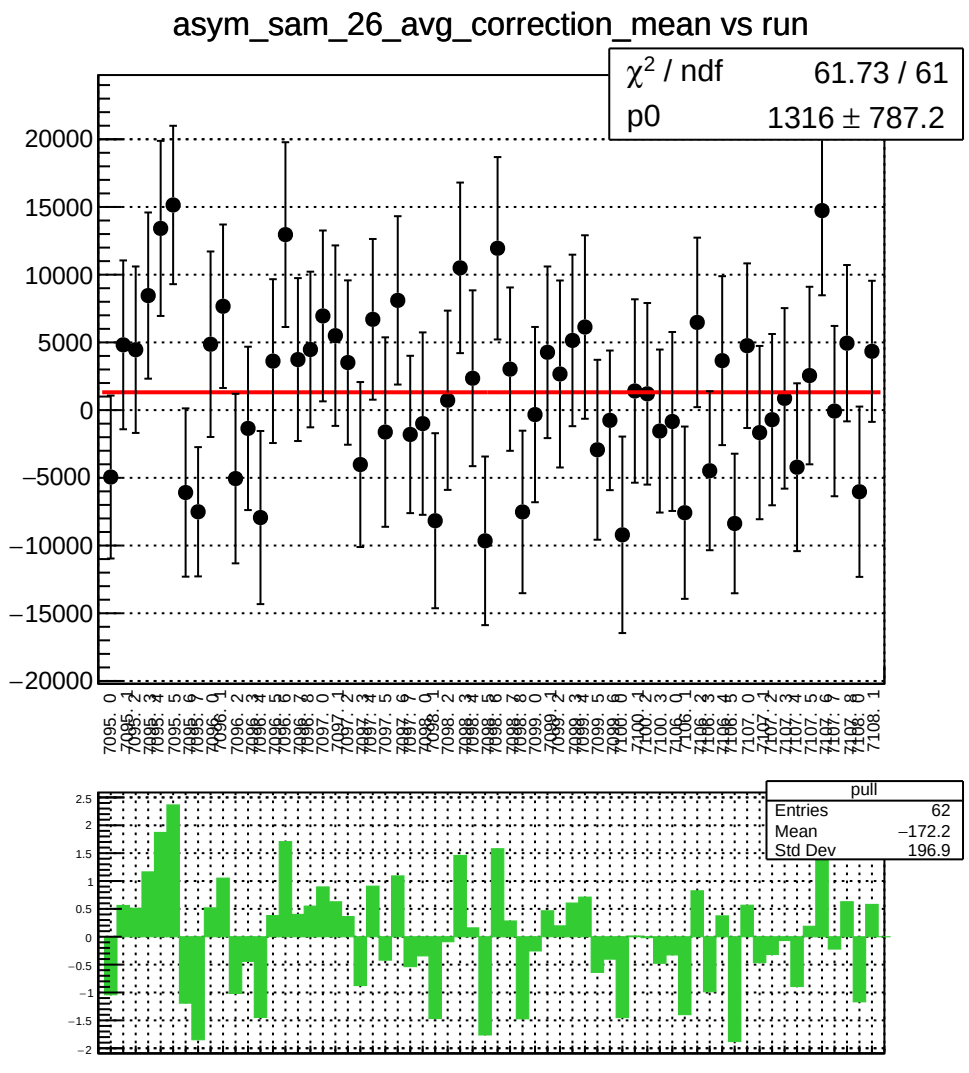

pull1D
Entries 62
Mean −0.002248
Std Dev 0.9659
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

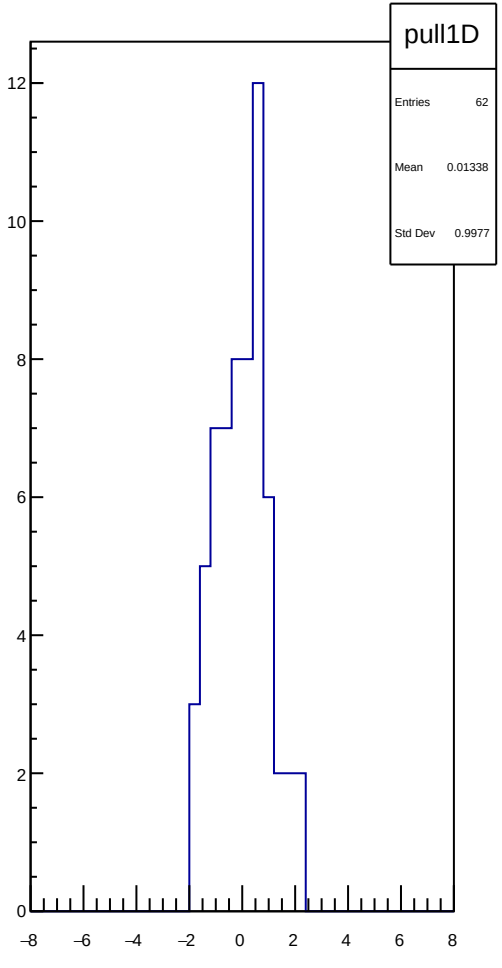

asym_sam_15_avg_rms vs run
χ² / ndf 8766 / 61
p0 381.2 ± 0.3531
520
500
480
460
440
420
400
380
360
340
320

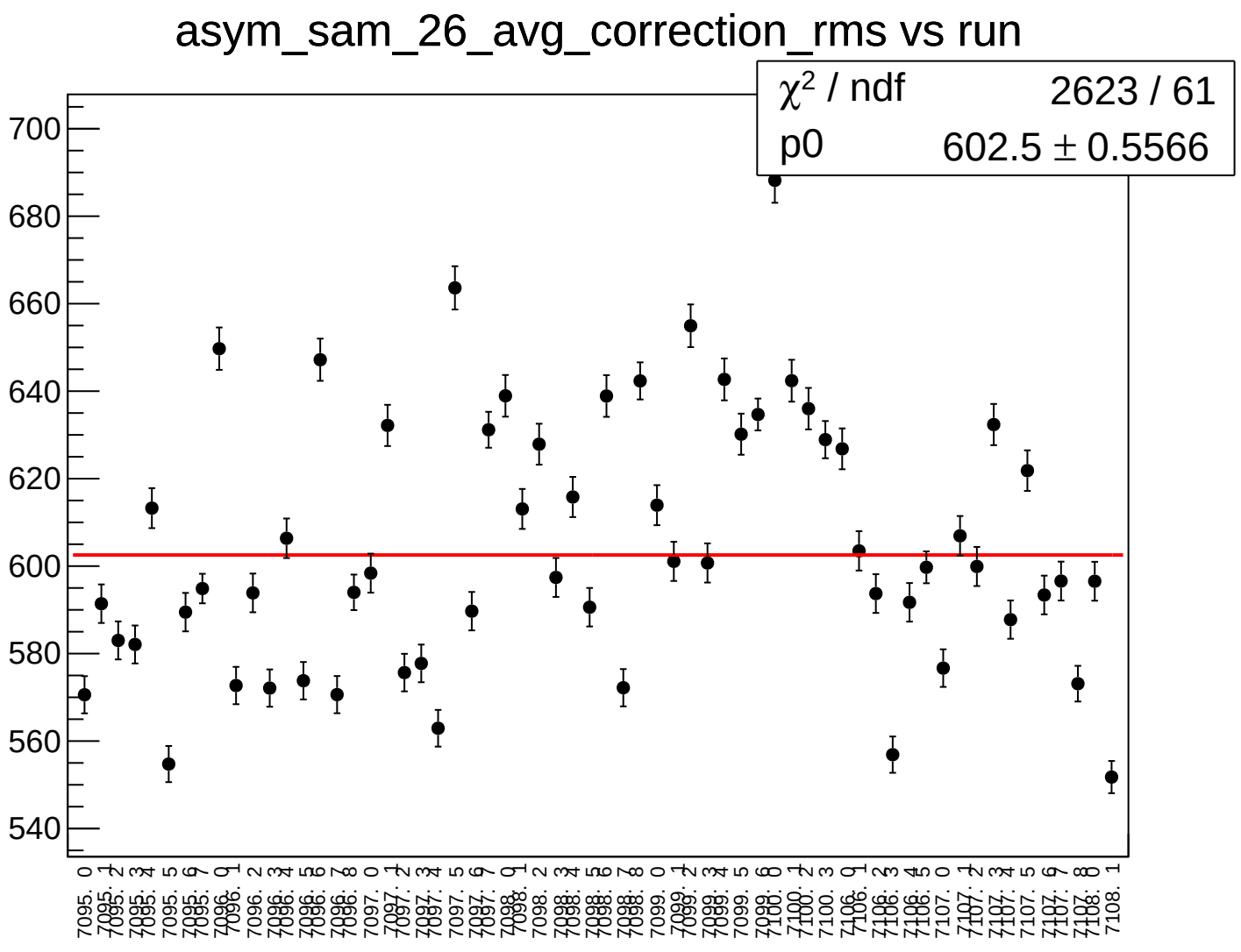

dit_asym_sam_26_avg_mean vs run
χ^2 / ndf 93.88 / 61
p0 136.9 ± 150.6
pull
Entries 62
Mean −8.119
Std Dev 14.14

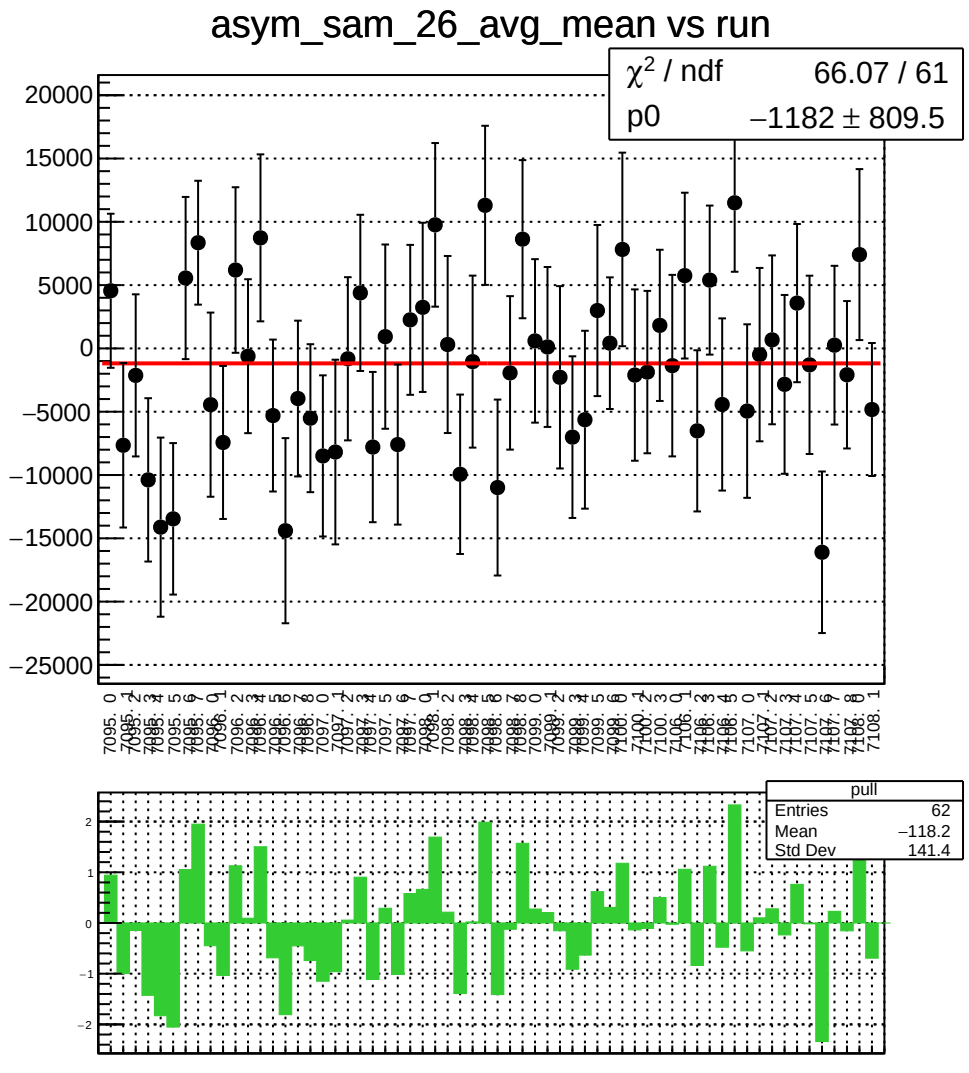

pull1D
Entries 62
Mean −0.03232
Std Dev 1.23

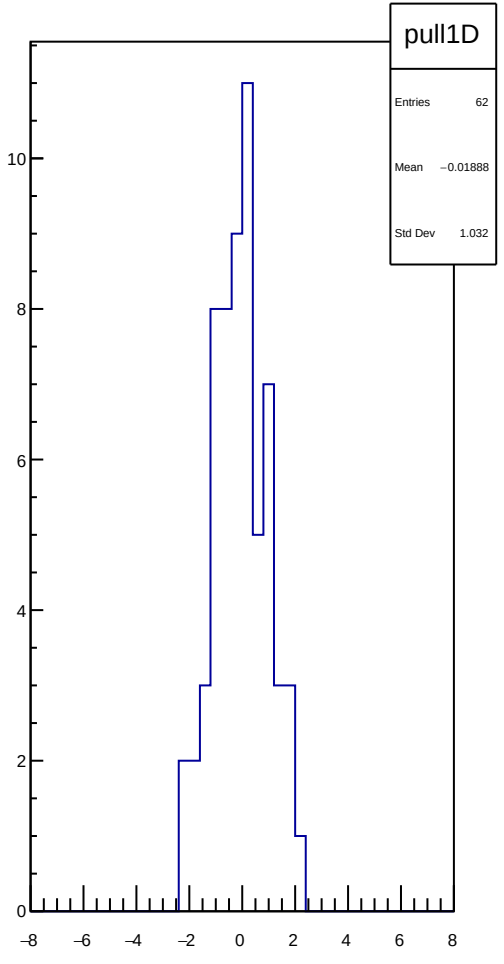

dit_asym_sam_26_avg_rms vs run
χ^2 / ndf 8547 / 61
p0 115 ± 0.1065
160
150
140
130
120
110
100
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

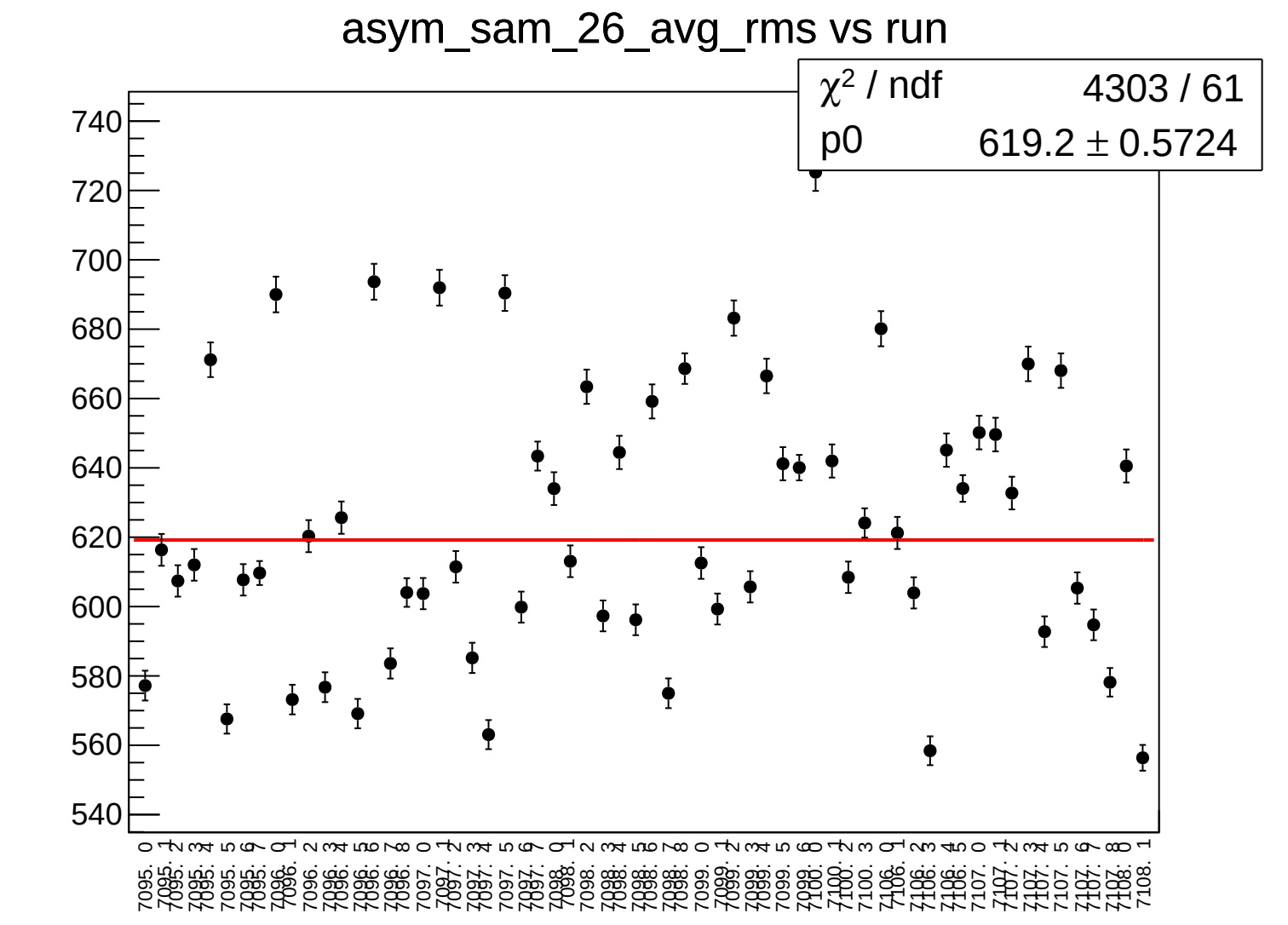

asym_sam_26_avg_correction_mean vs run
χ² / ndf 61.73 / 61
p0 1316 ± 787.2
pull
Entries 62
Mean −172.2
Std Dev 196.9

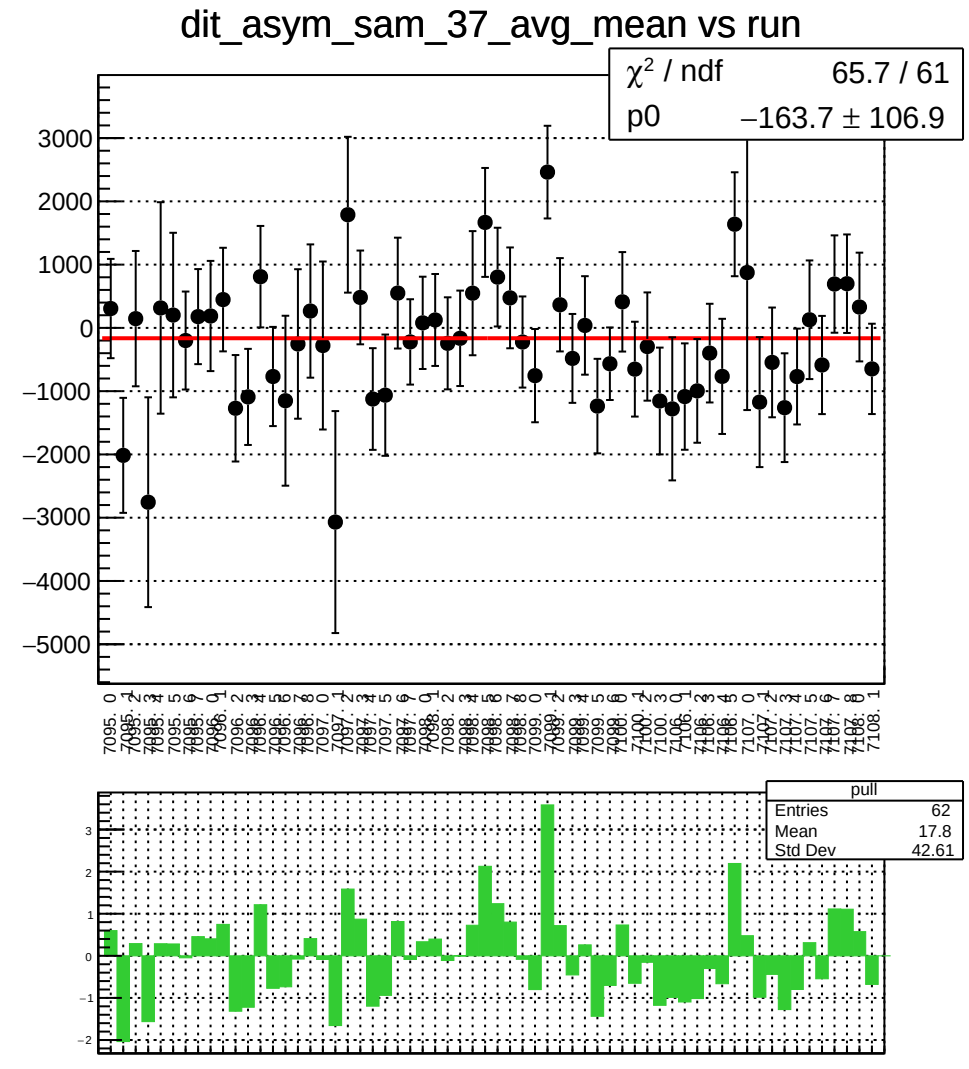

pull1D
Entries 62
Mean 0.01338
Std Dev 0.9977

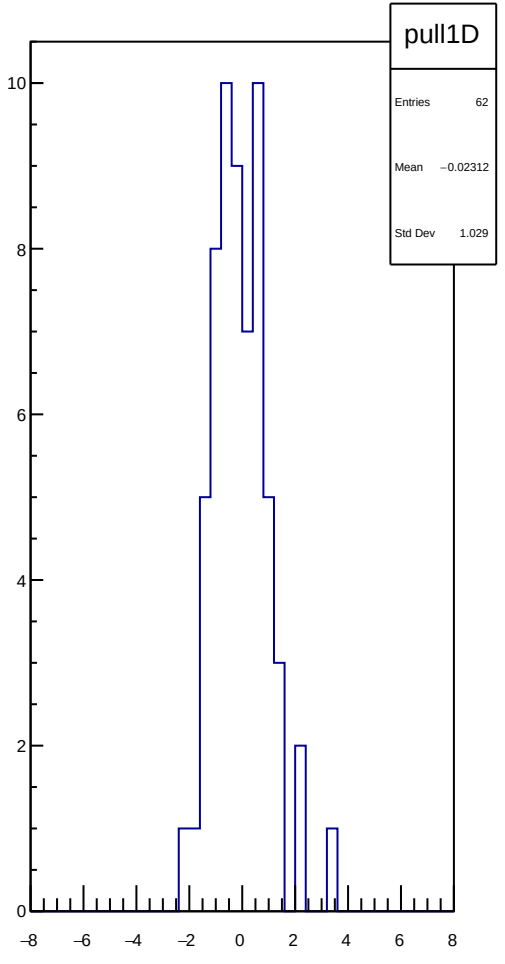

asym_sam_26_avg_correction_rms vs run
χ² / ndf 2623 / 61
p0 602.5 ± 0.5566
700
680
660
640
620
600
580
560
540

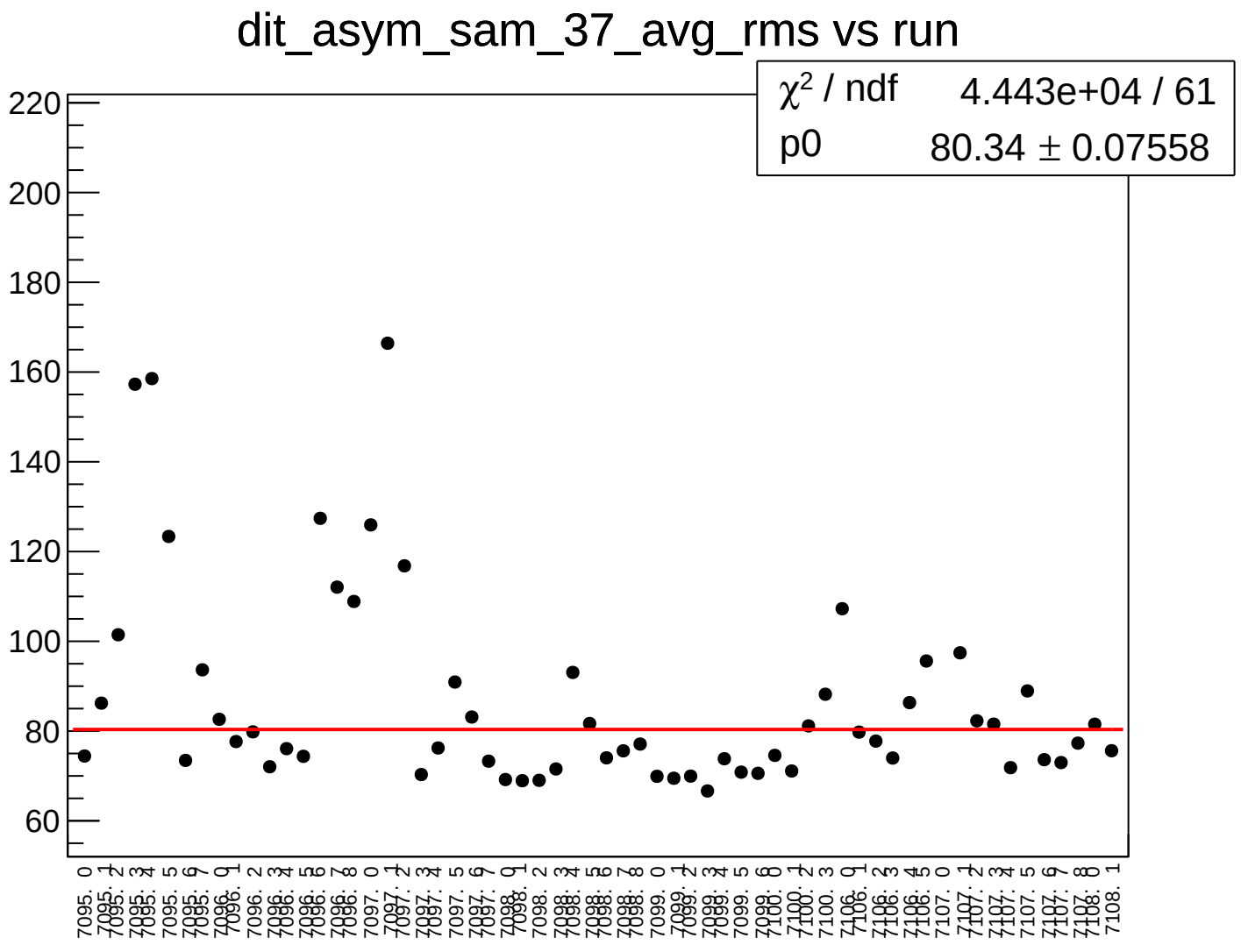

asym_sam_26_avg_mean vs run
χ² / ndf 66.07 / 61
p0 −1182 ± 809.5
pull
Entries 62
Mean −118.2
Std Dev 141.4

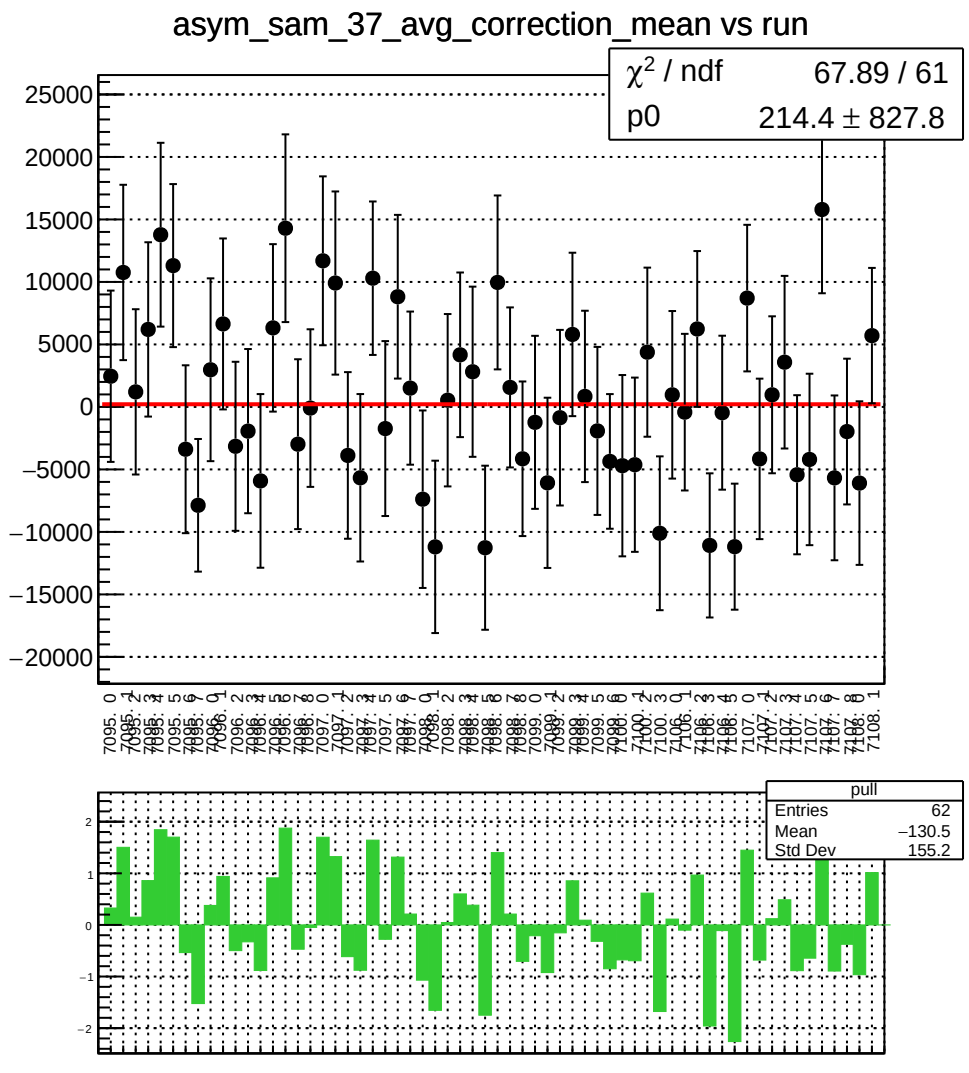

pull1D
Entries 62
Mean −0.01888
Std Dev 1.032

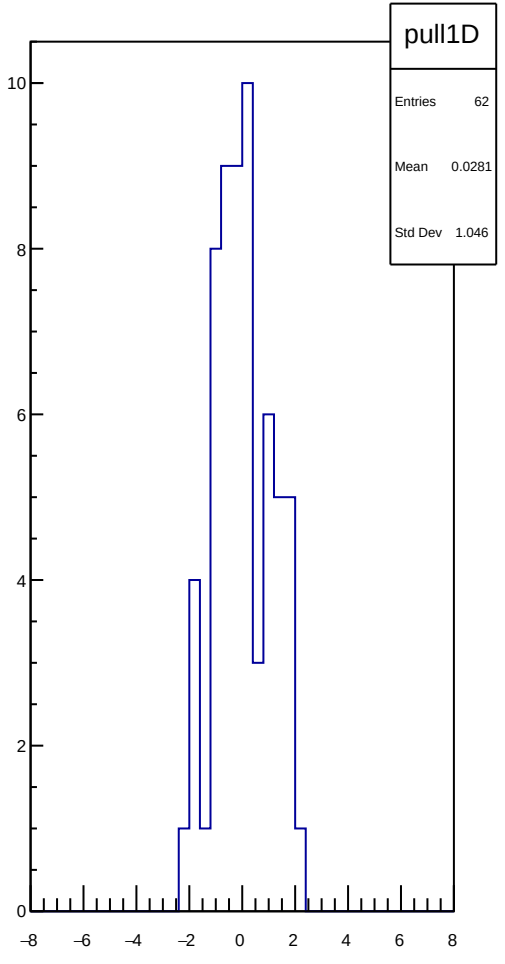

asym_sam_26_avg_rms vs run
χ^2 / ndf 4303 / 61
p0 619.2 ± 0.5724
740
720
700
680
660
640
620
600
580
560
540
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7108. 0
7108. 1

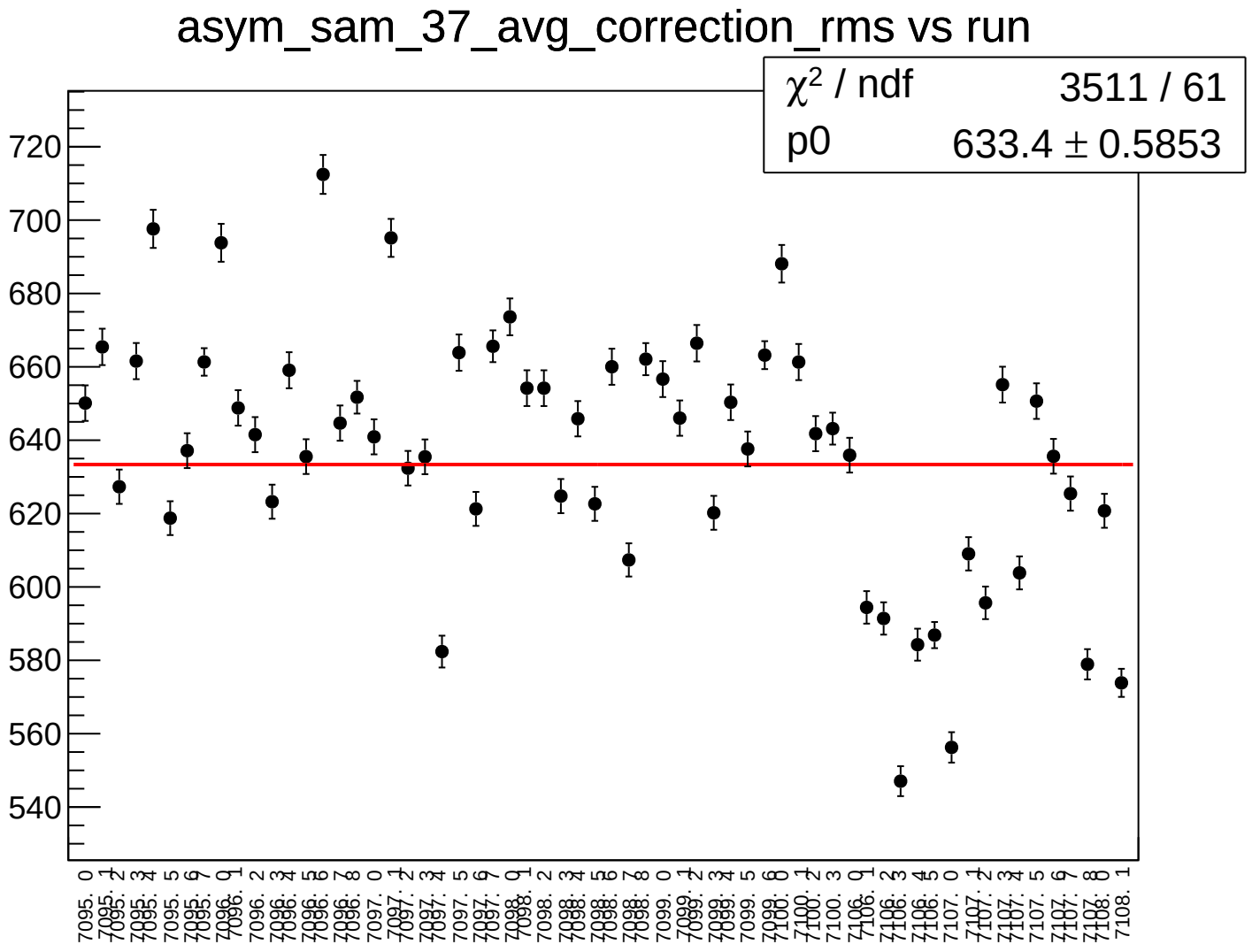

dit_asym_sam_37_avg_mean vs run
χ² / ndf 65.7 / 61
p0 −163.7 ± 106.9
pull
Entries 62
Mean 17.8
Std Dev 42.61

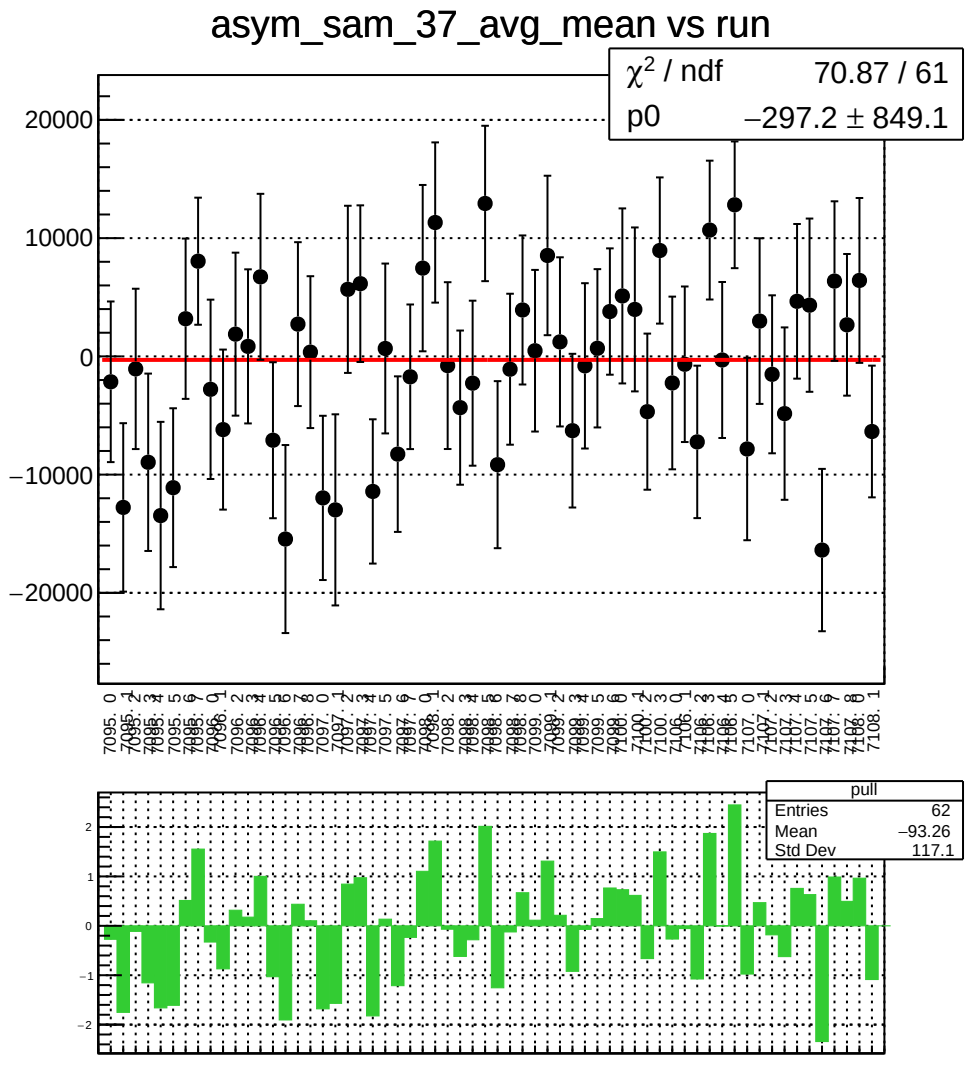

pull1D
Entries 62
Mean −0.02312
Std Dev 1.029

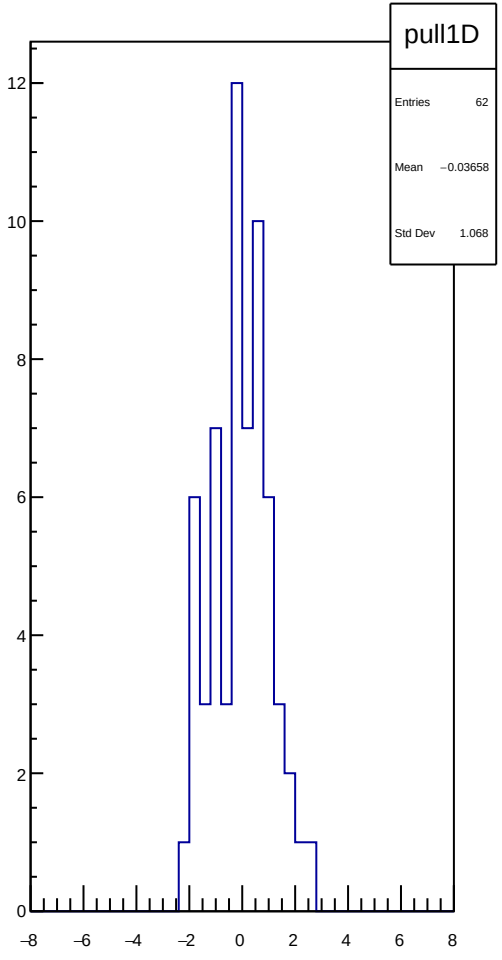

dit_asym_sam_37_avg_rms vs run
χ^2 / ndf 4.443e+04 / 61
p0 80.34 ± 0.07558
220
200
180
160
140
120
100
80
60

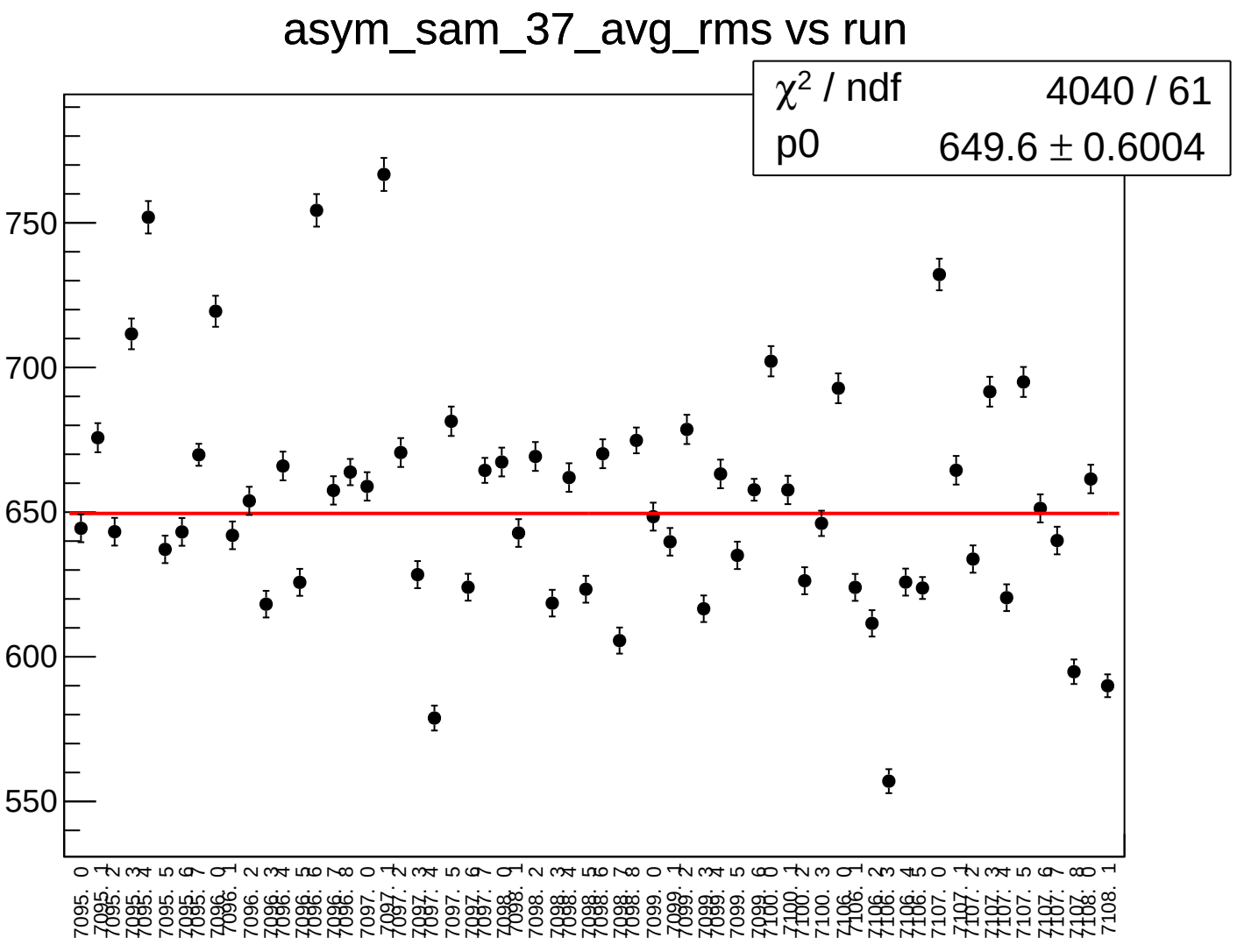

asym_sam_37_avg_correction_mean vs run
χ² / ndf 67.89 / 61
p0 214.4 ± 827.8
pull
Entries 62
Mean −130.5
Std Dev 155.2

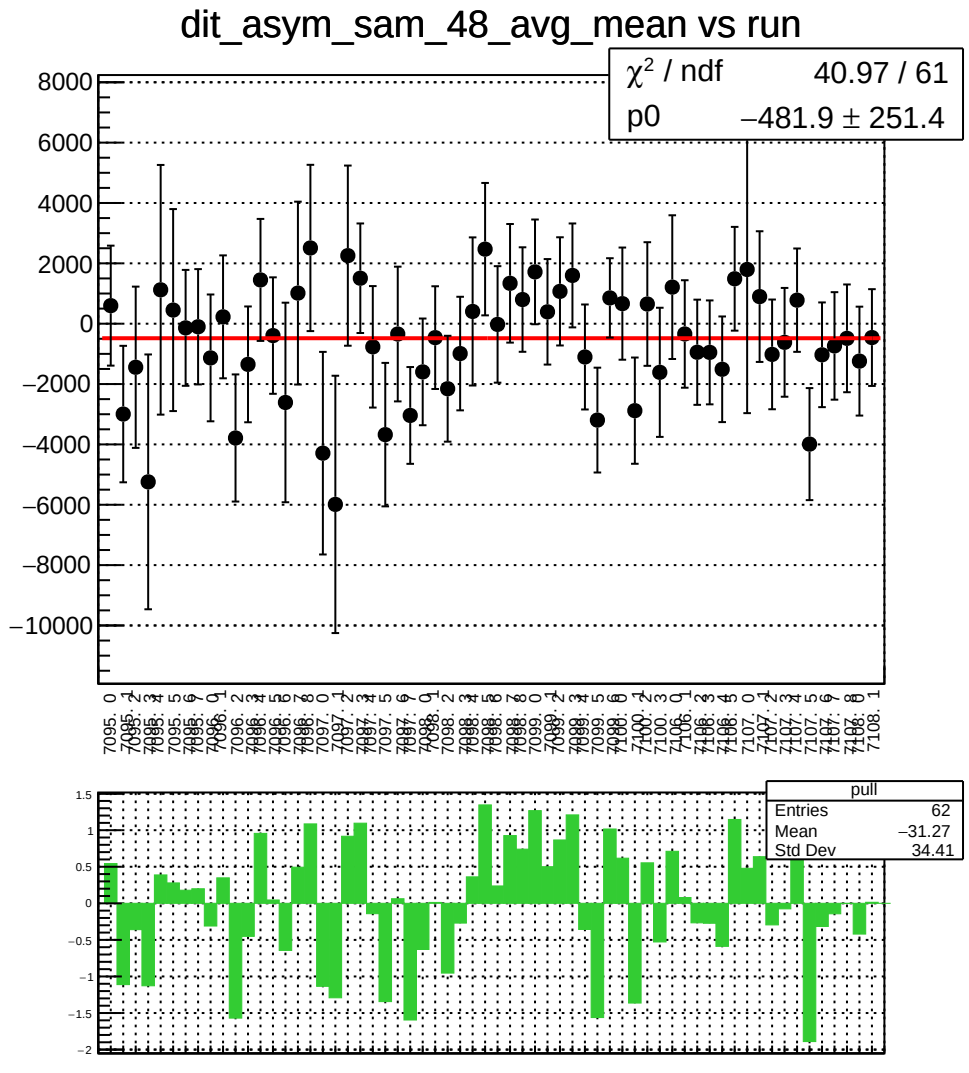

pull1D
Entries 62
Mean 0.0281
Std Dev 1.046

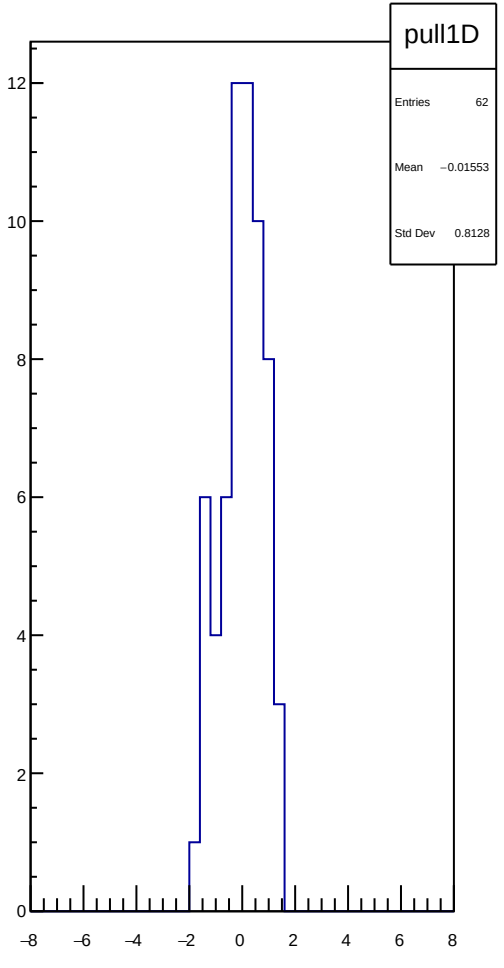

asym_sam_37_avg_correction_rms vs run
χ² / ndf 3511 / 61
p0 633.4 ± 0.5853
720
700
680
660
640
620
600
580
560
540

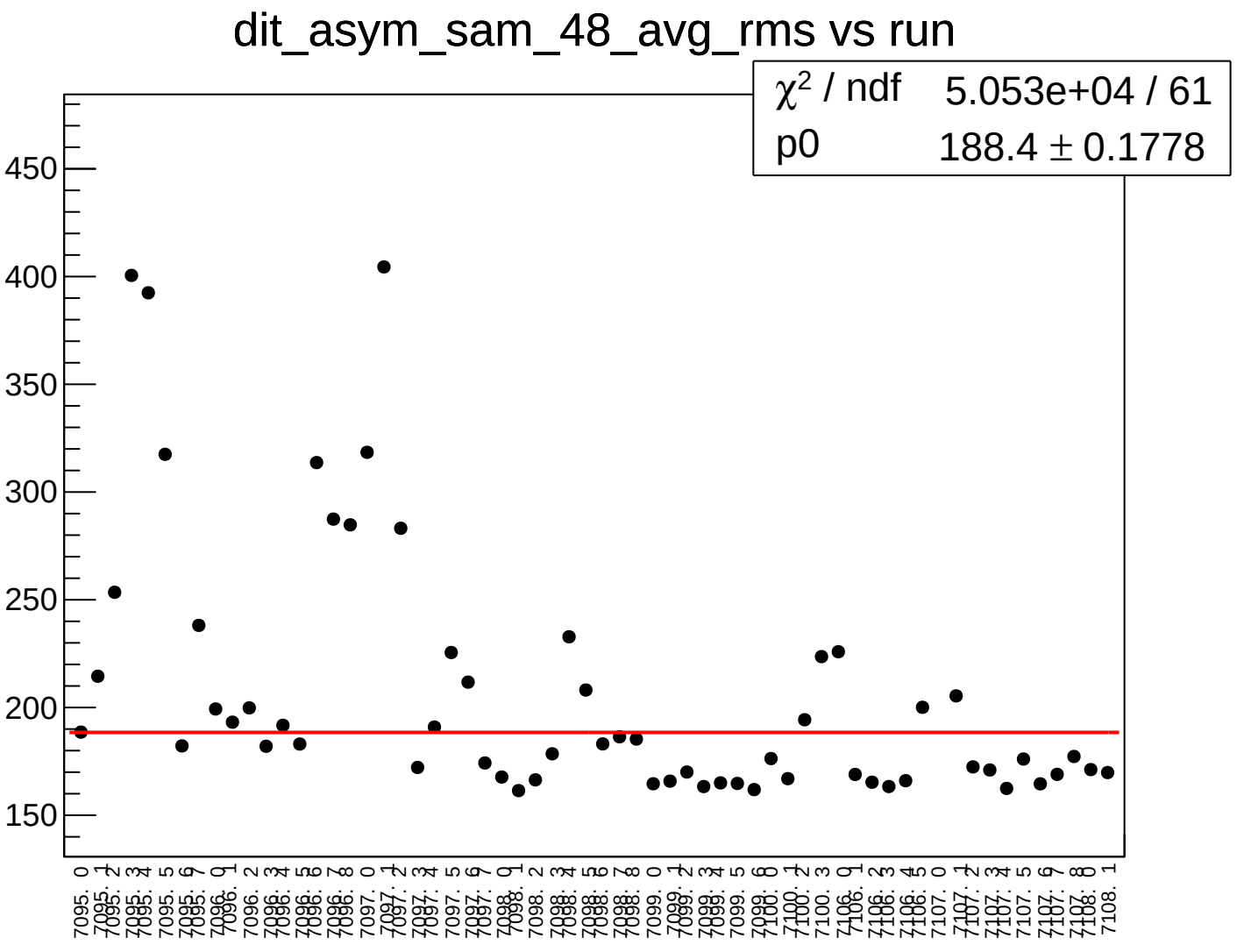

asym_sam_37_avg_mean vs run
χ² / ndf 70.87 / 61
p0 −297.2 ± 849.1
20000
10000
0
−10000
−20000
pull
Entries 62
Mean −93.26
Std Dev 117.1
2
1
0
−1
−2

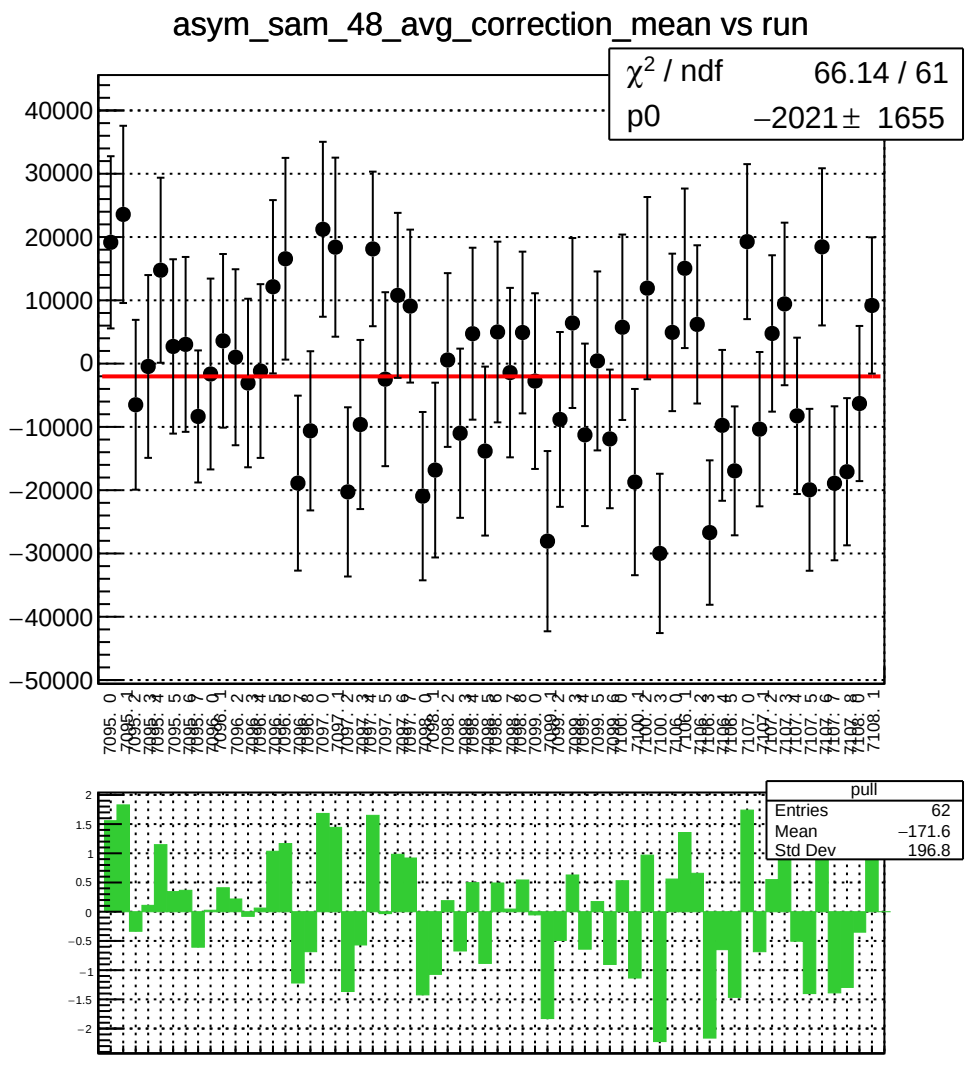

pull1D
Entries 62
Mean −0.03658
Std Dev 1.068
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

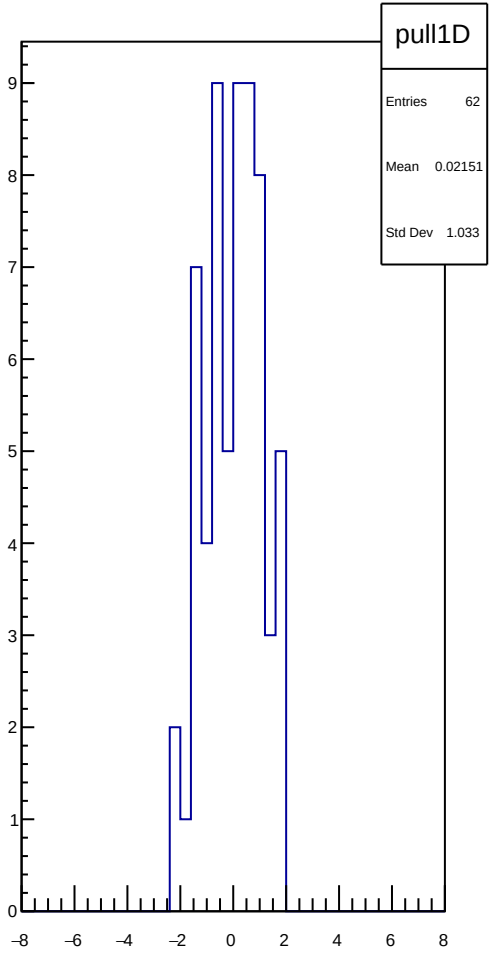

asym_sam_37_avg_rms vs run
χ² / ndf 4040 / 61
p0 649.6 ± 0.6004
750
700
650
600
550

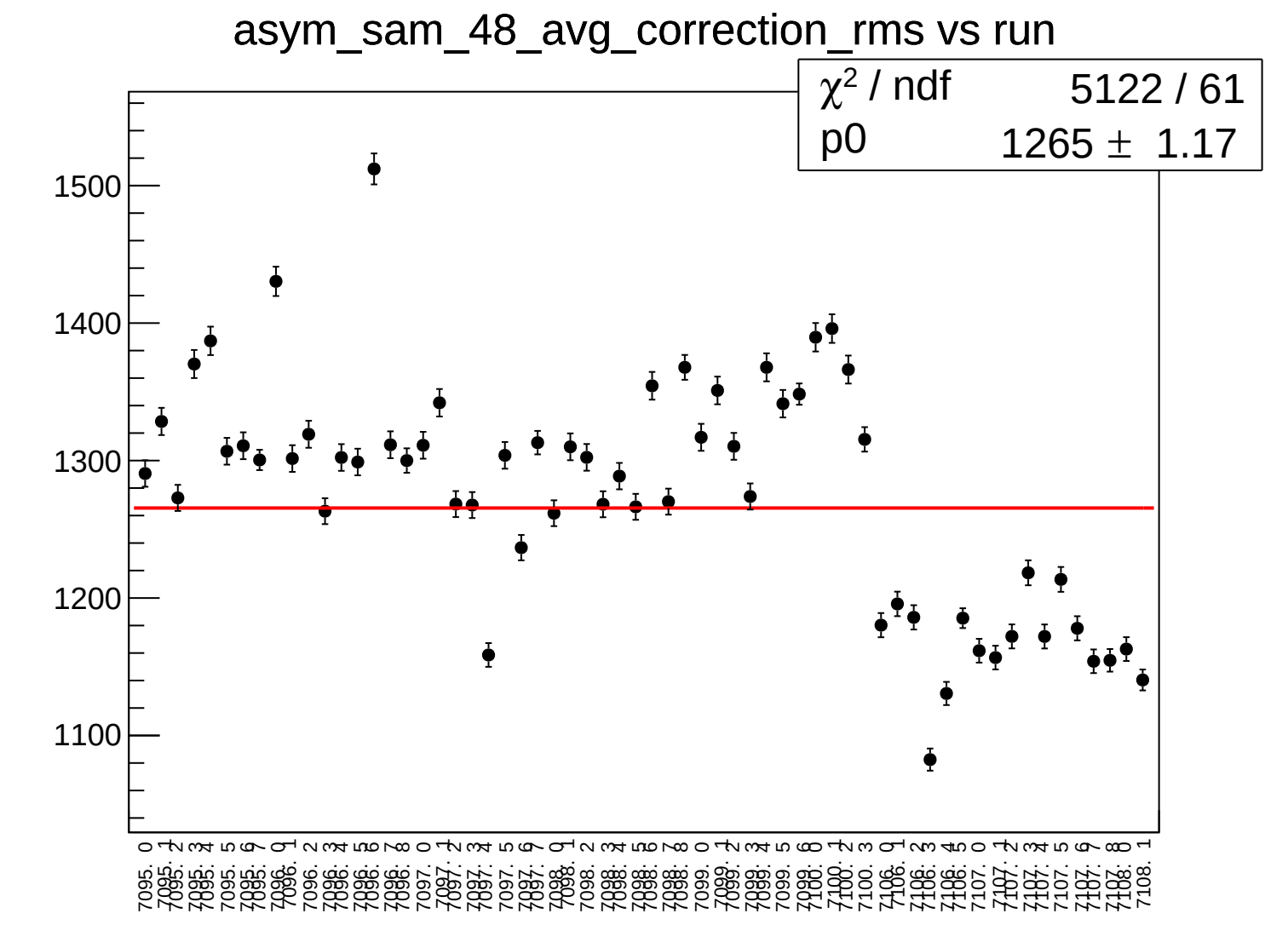

dit_asym_sam_48_avg_mean vs run
χ² / ndf 40.97 / 61
p0 −481.9 ± 251.4
pull
Entries 62
Mean −31.27
Std Dev 34.41

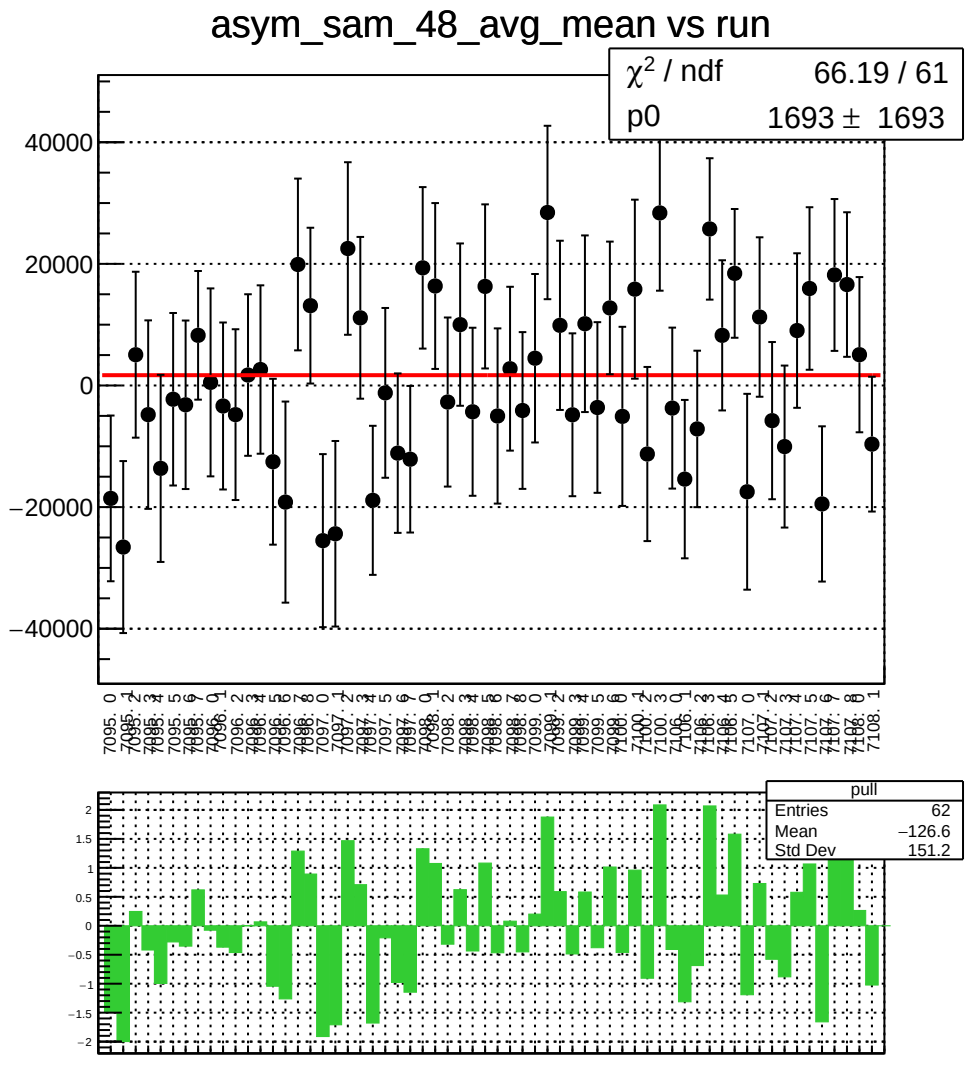

pull1D
Entries 62
Mean −0.01553
Std Dev 0.8128

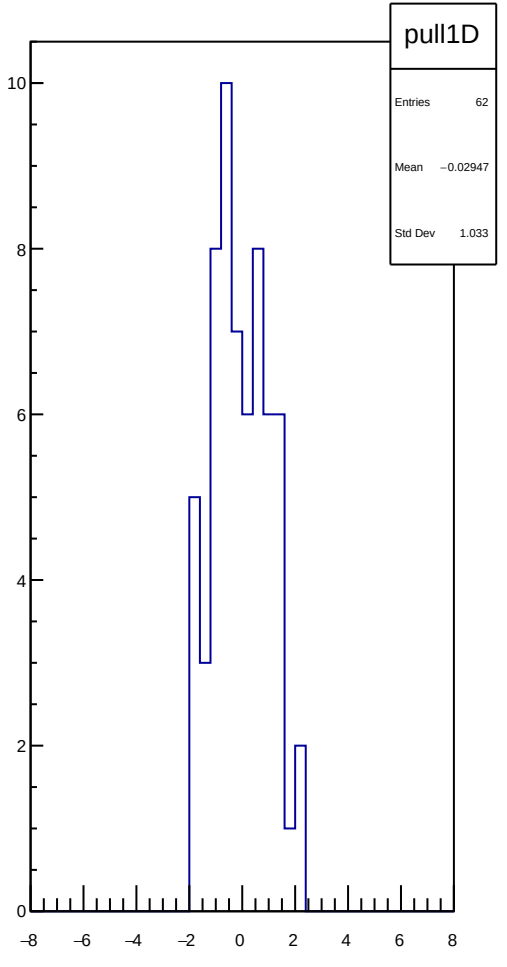

dit_asym_sam_48_avg_rms vs run
χ^2 / ndf 5.053e+04 / 61
p0 188.4 ± 0.1778
450
400
350
300
250
200
150
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

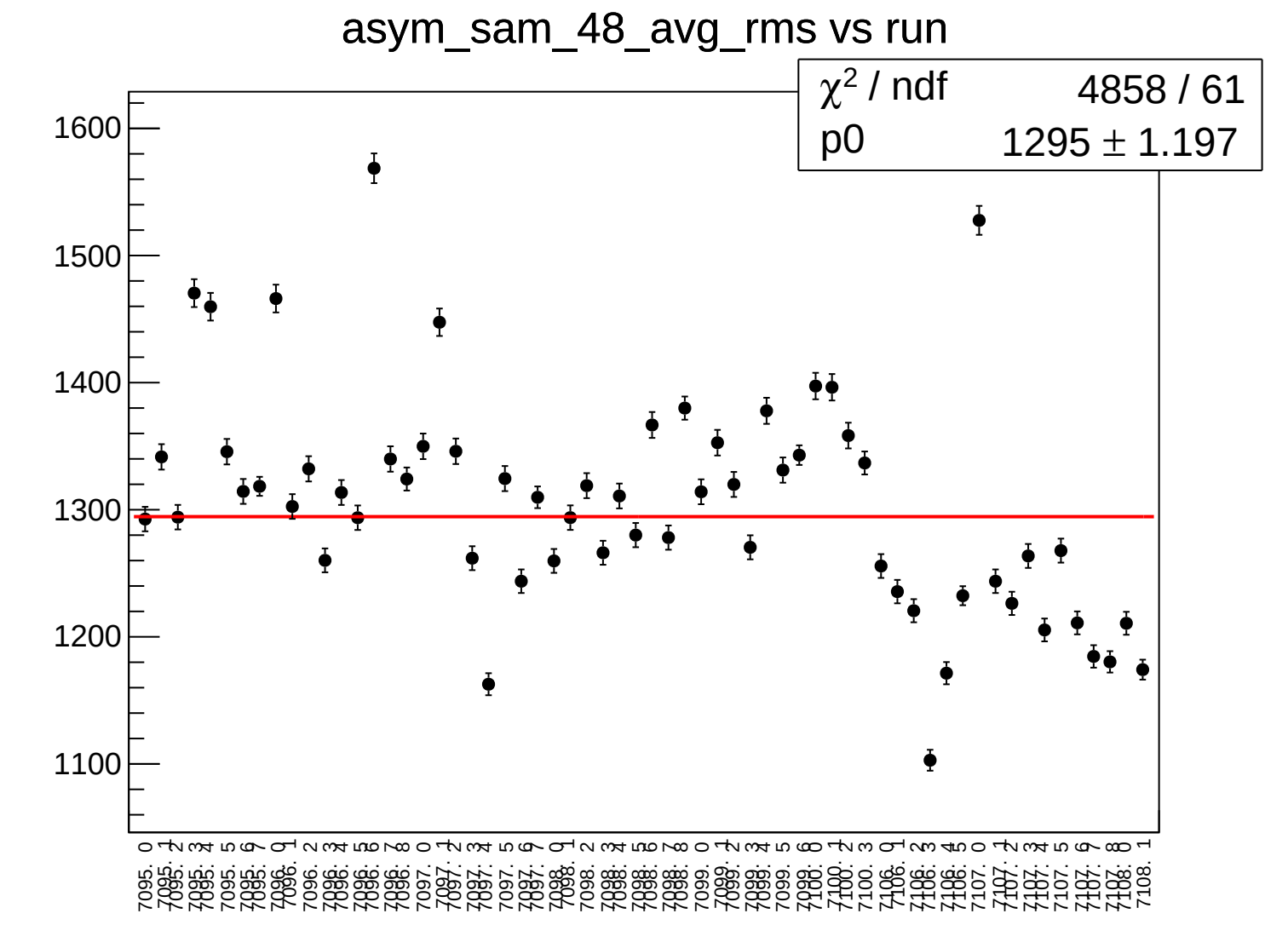

asym_sam_48_avg_correction_mean vs run
χ² / ndf 66.14 / 61
p0 −2021 ± 1655
pull
Entries 62
Mean −171.6
Std Dev 196.8

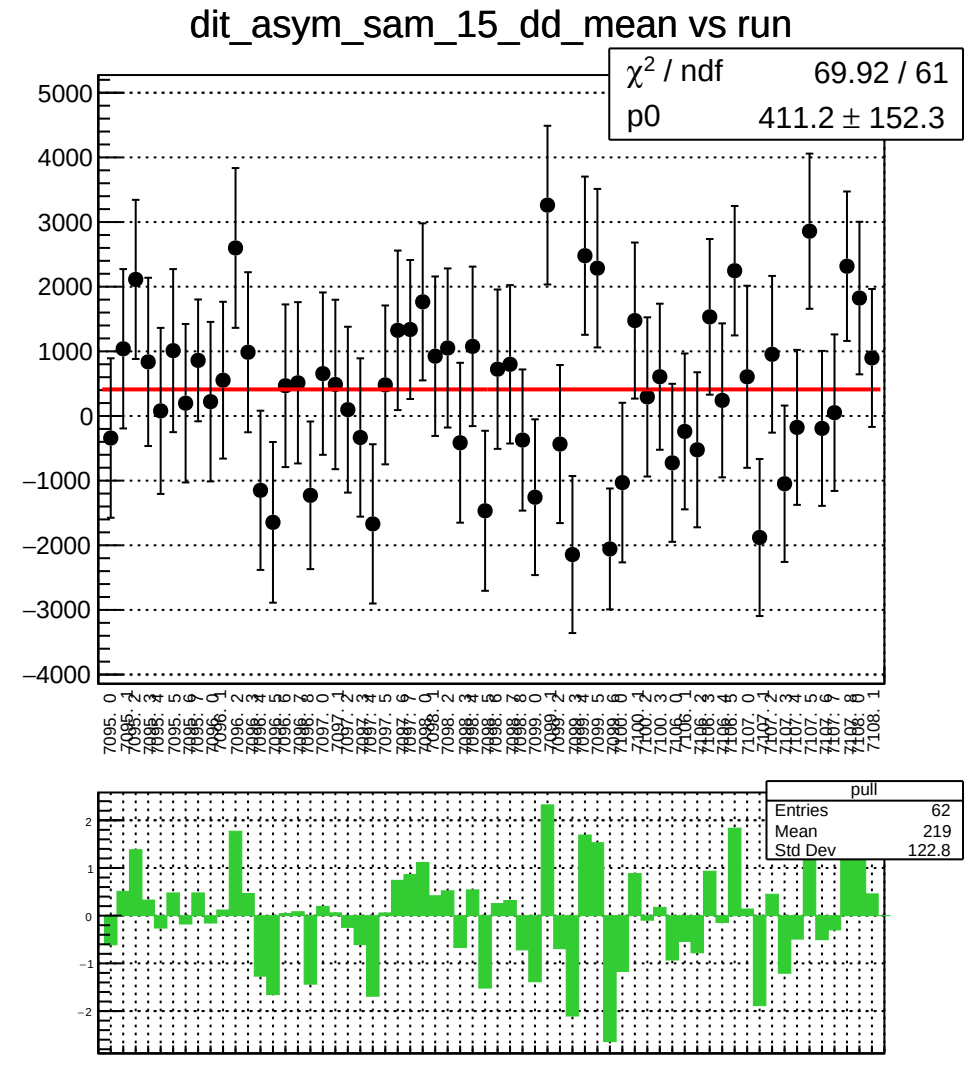

pull1D
Entries 62
Mean 0.02151
Std Dev 1.033

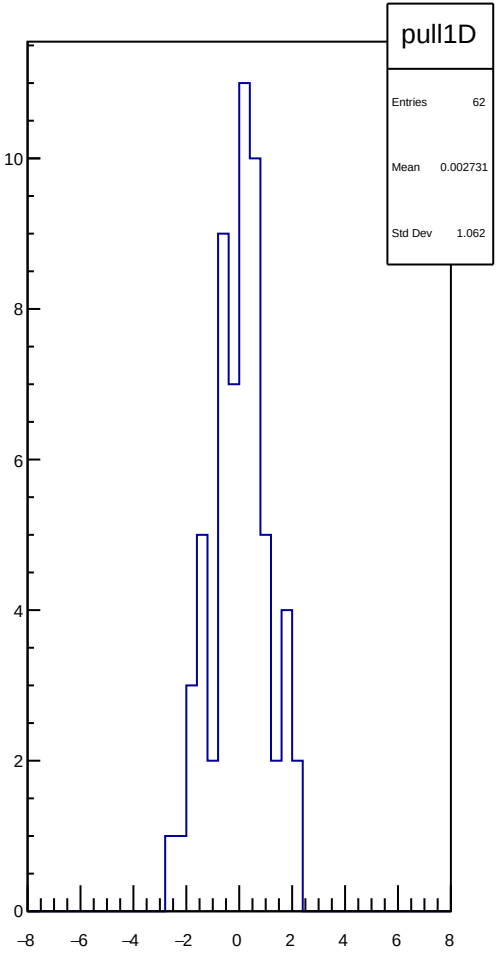

asym_sam_48_avg_correction_rms vs run
χ² / ndf 5122 / 61
p0 1265 ± 1.17
1500
1400
1300
1200
1100

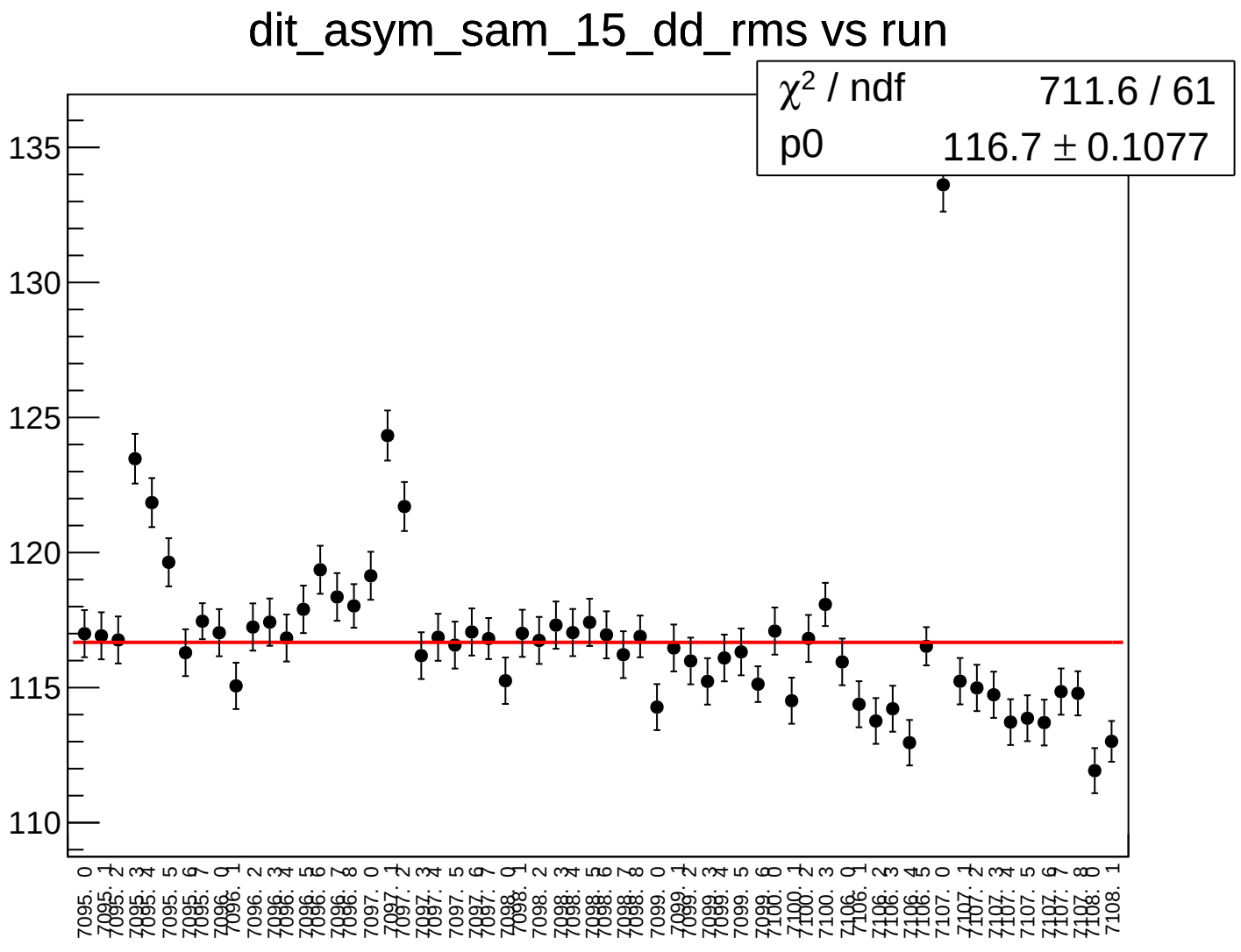

asym_sam_48_avg_mean vs run
χ² / ndf 66.19 / 61
p0 1693 ± 1693
40000
20000
0
−20000
−40000
pull
Entries 62
Mean −126.6
Std Dev 151.2
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

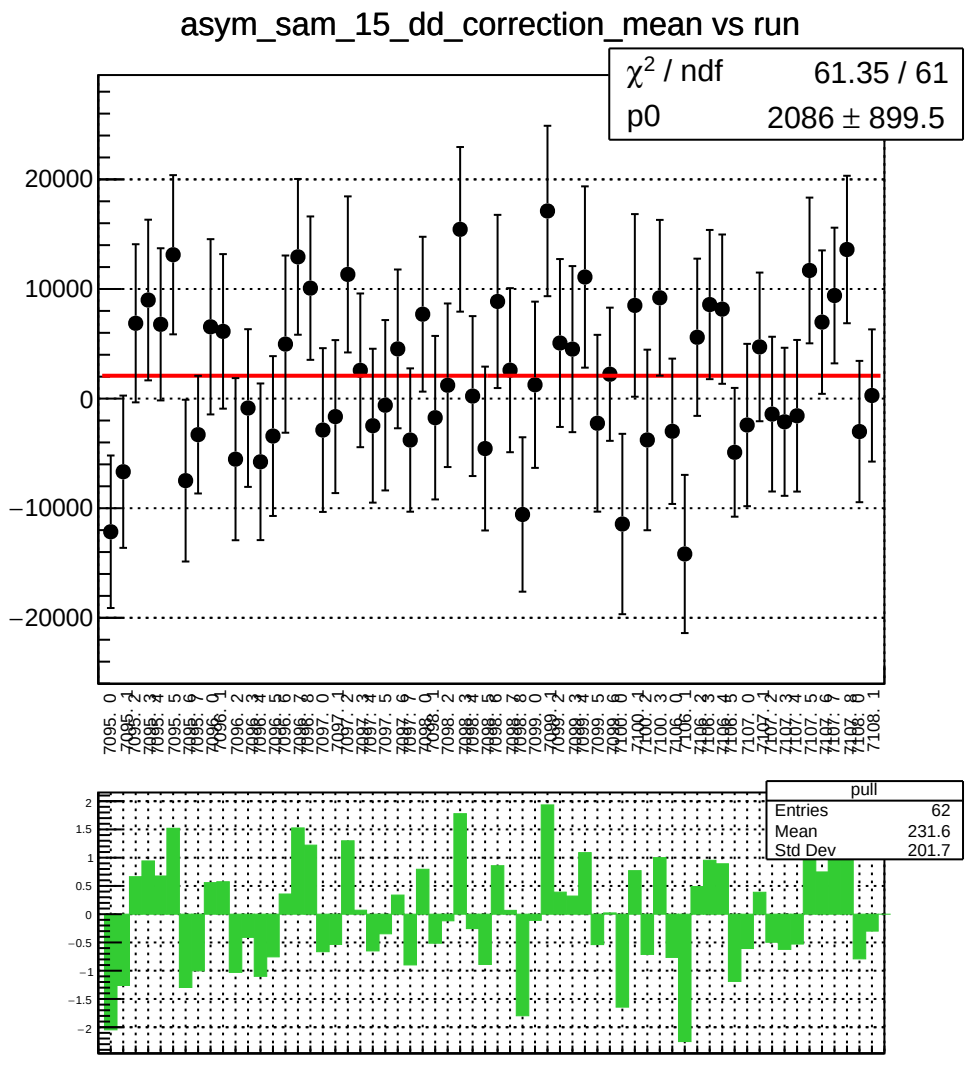

pull1D
Entries 62
Mean −0.02947
Std Dev 1.033
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

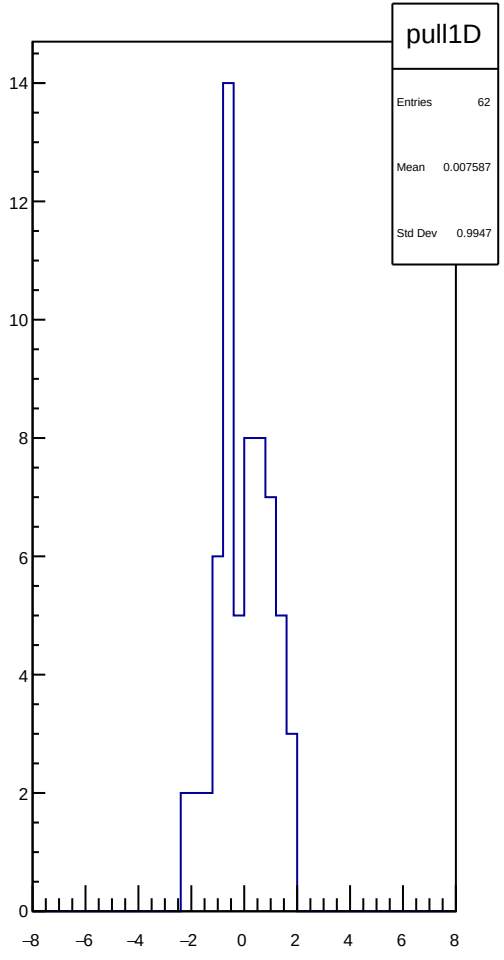

asym_sam_48_avg_rms vs run
χ² / ndf 4858 / 61
p0 1295 ± 1.197
1600
1500
1400
1300
1200
1100

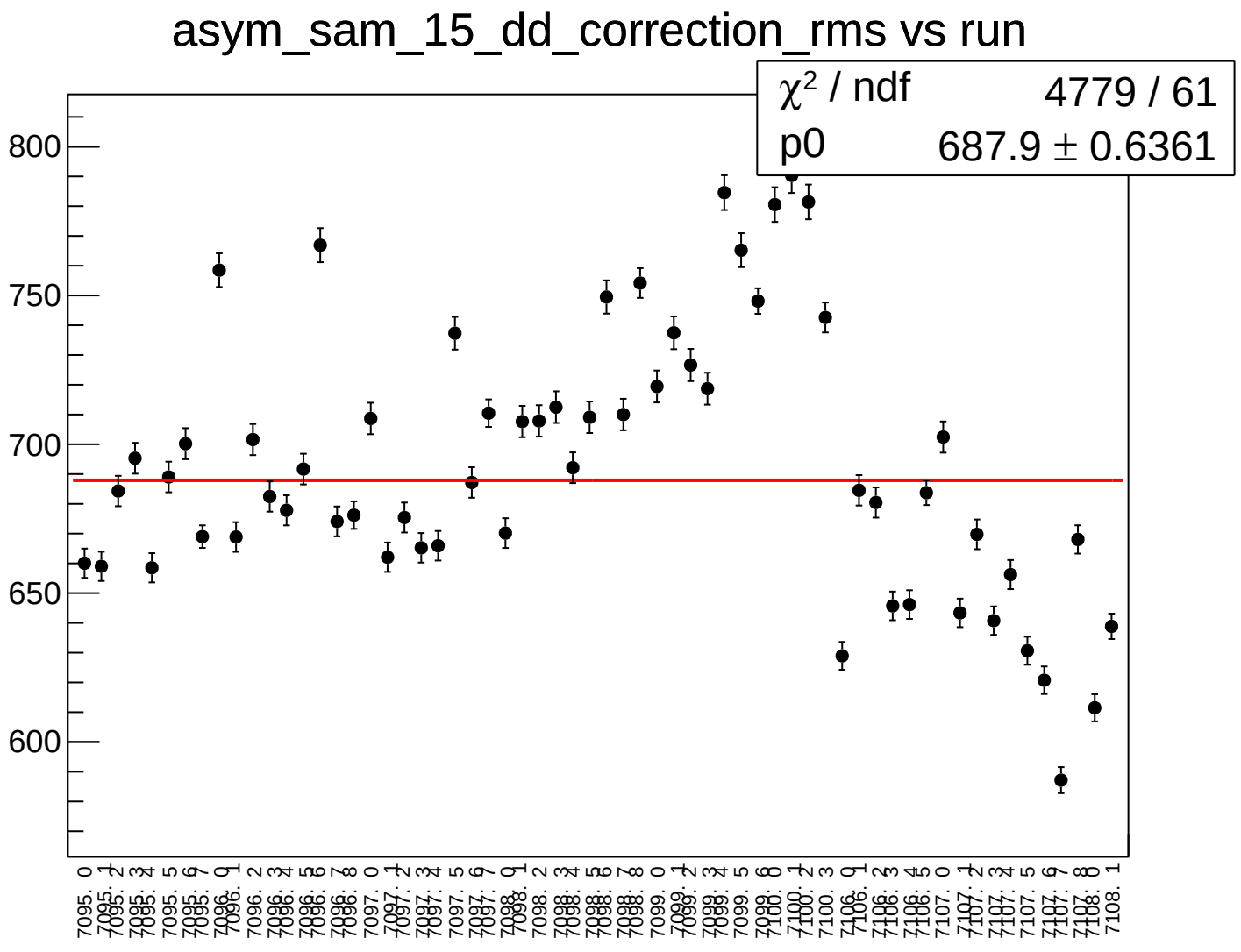

dit_asym_sam_15_dd_mean vs run
χ² / ndf 69.92 / 61
p0 411.2 ± 152.3
pull
Entries 62
Mean 219
Std Dev 122.8

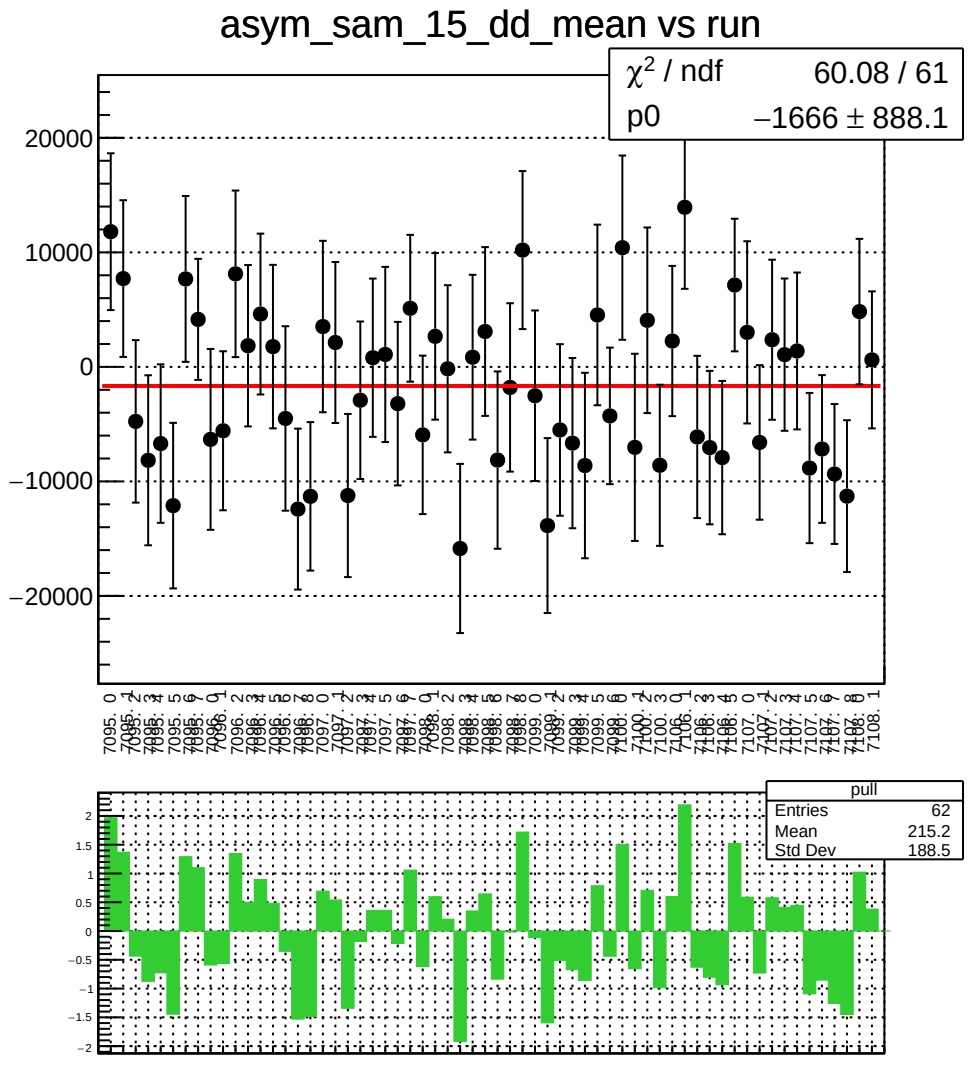

pull1D
Entries 62
Mean 0.002731
Std Dev 1.062

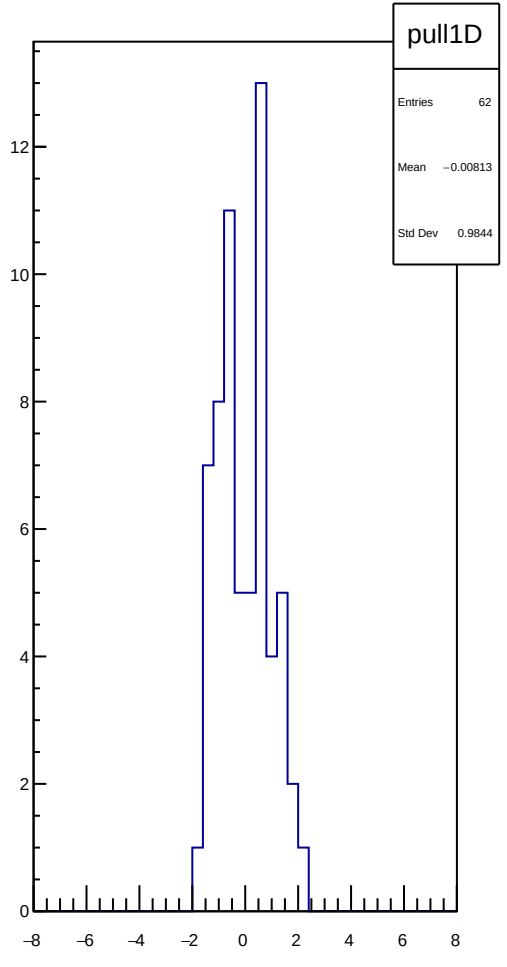

dit_asym_sam_15_dd_rms vs run
χ² / ndf 711.6 / 61
p0 116.7 ± 0.1077
135
130
125
120
115
110

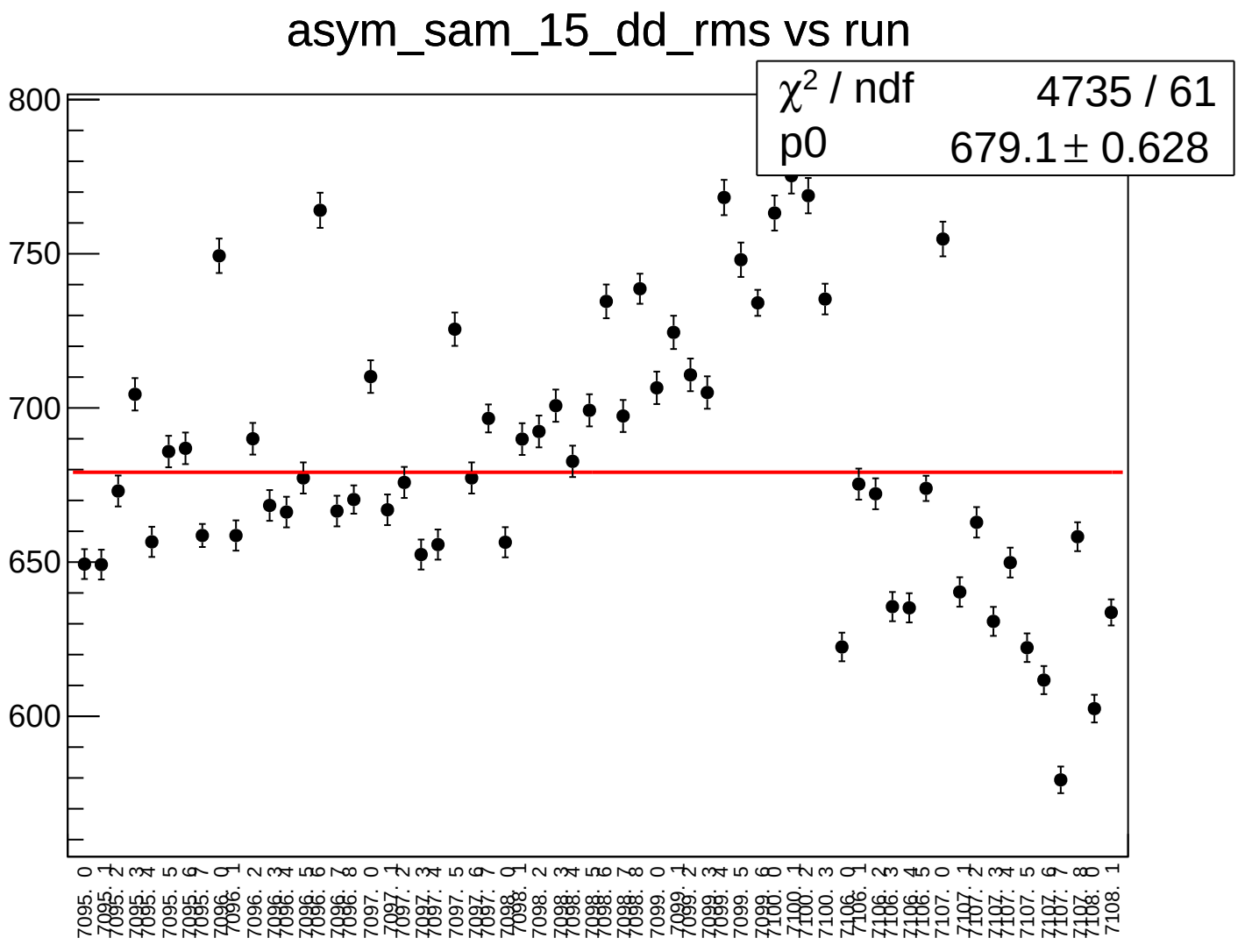

asym_sam_15_dd_correction_mean vs run
χ² / ndf 61.35 / 61
p0 2086 ± 899.5
20000
10000
0
−10000
−20000
pull
Entries 62
Mean 231.6
Std Dev 201.7
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

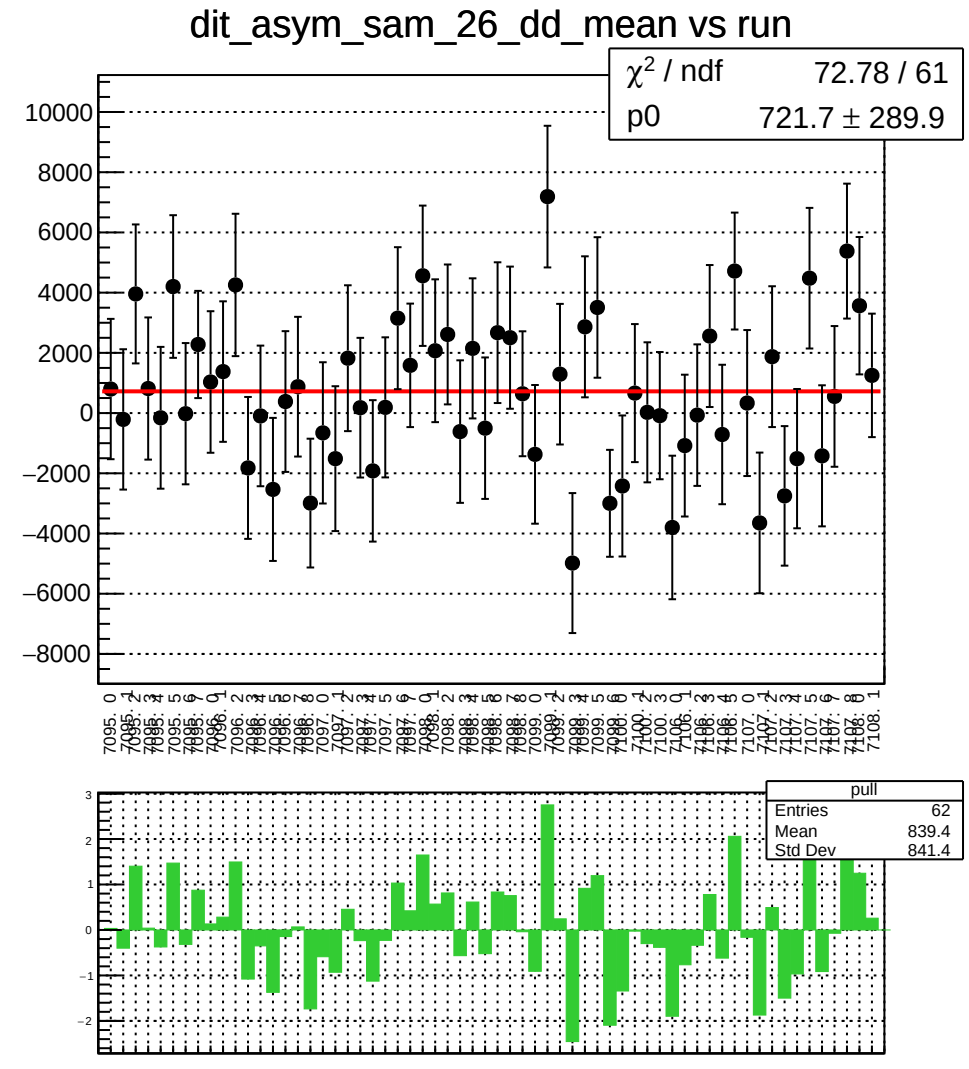

pull1D
Entries 62
Mean 0.007587
Std Dev 0.9947
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

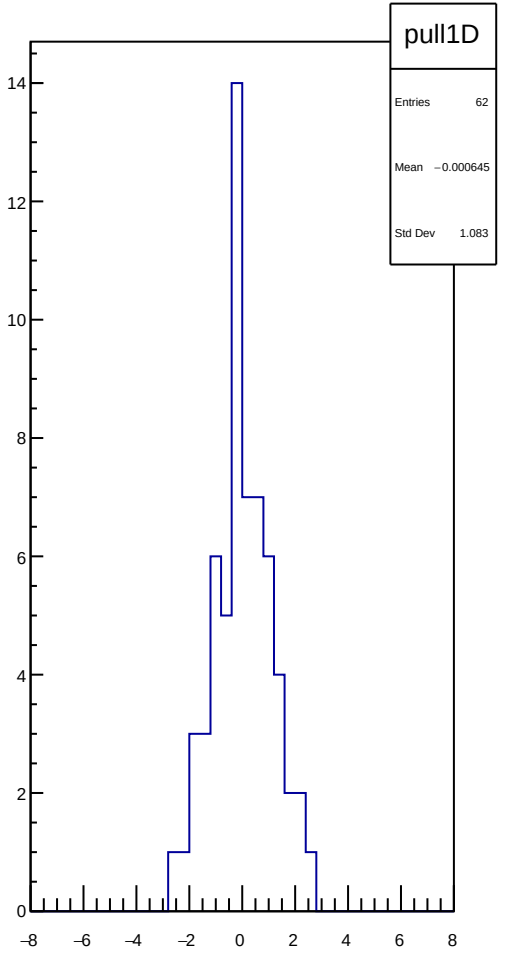

asym_sam_15_dd_correction_rms vs run
χ² / ndf 4779 / 61
p0 687.9 ± 0.6361
800
750
700
650
600

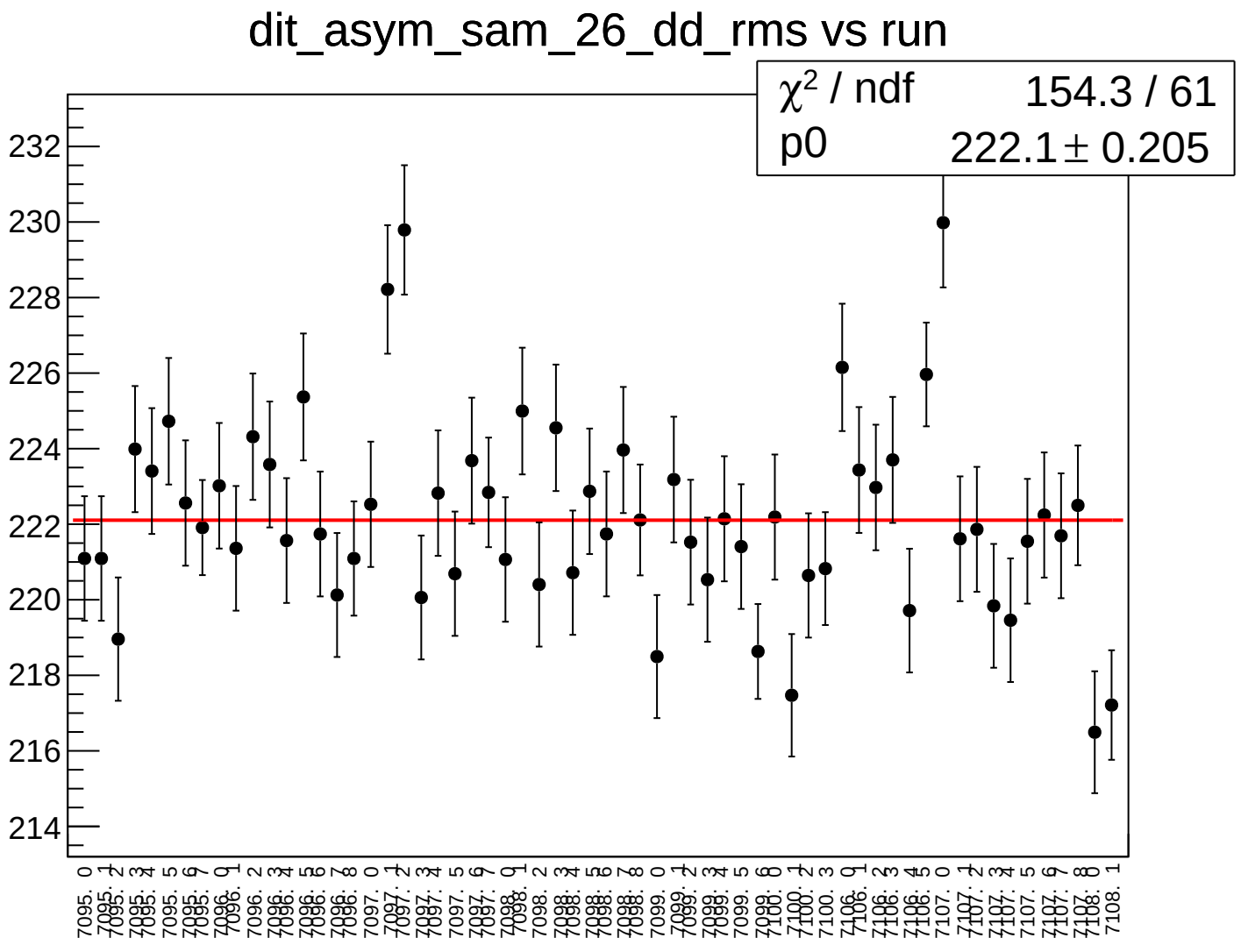

asym_sam_15_dd_mean vs run
χ² / ndf 60.08 / 61
p0 −1666 ± 888.1
20000
10000
0
−10000
−20000
pull
Entries 62
Mean 215.2
Std Dev 188.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

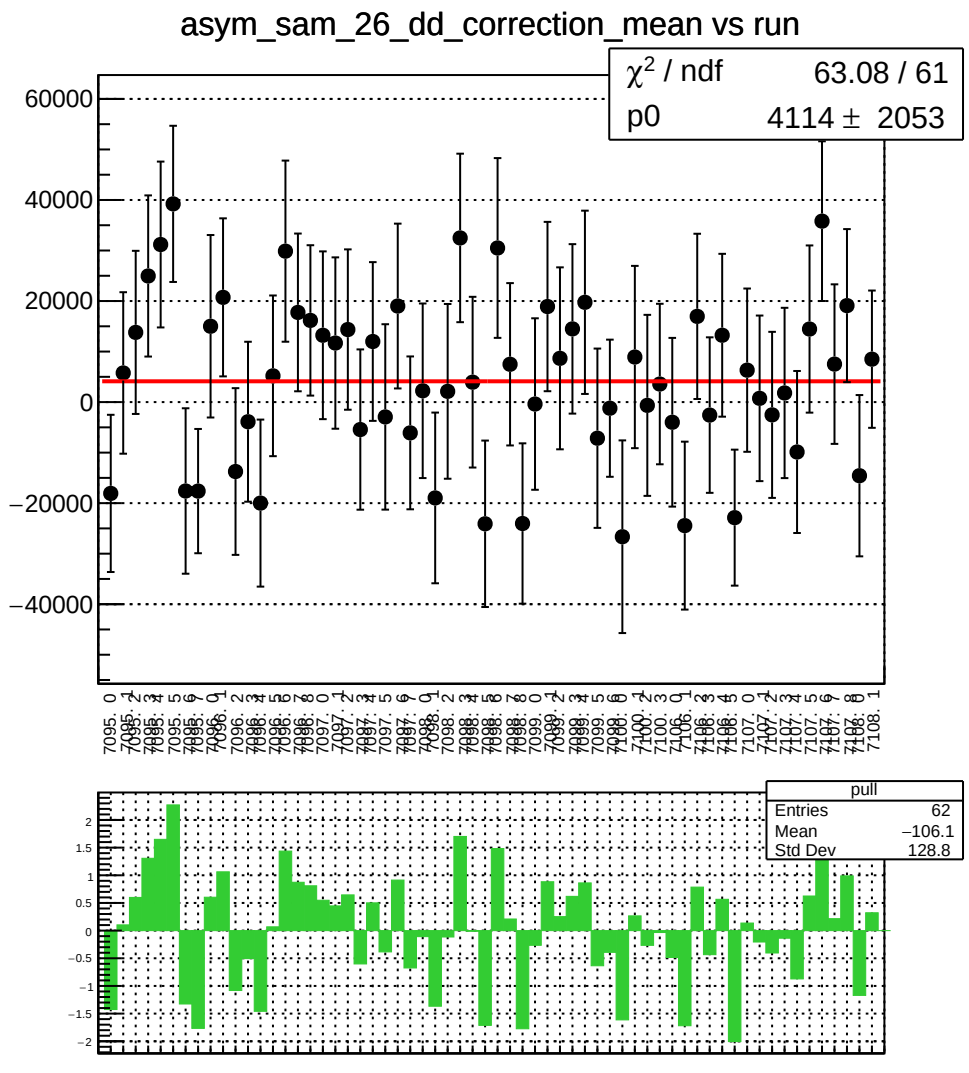

pull1D
Entries 62
Mean −0.00813
Std Dev 0.9844
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

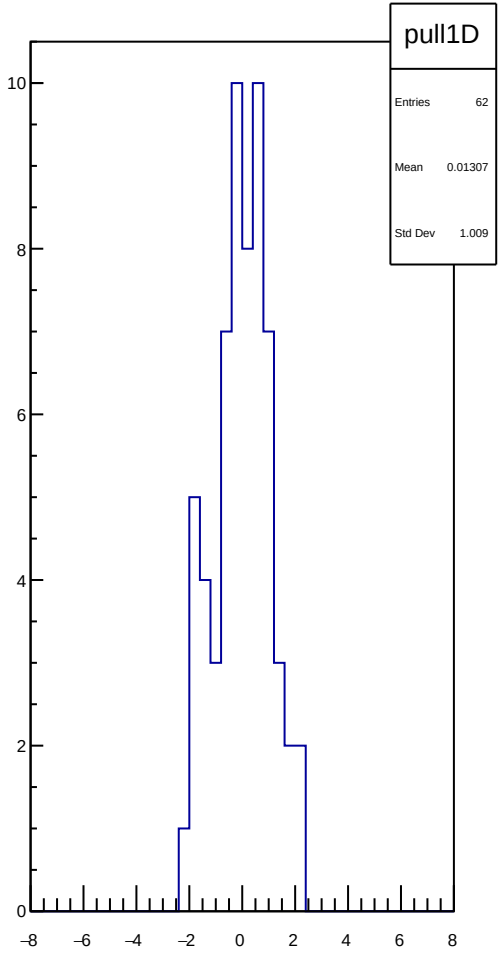

asym_sam_15_dd_rms vs run
χ² / ndf 4735 / 61
p0 679.1 ± 0.628
800
750
700
650
600
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

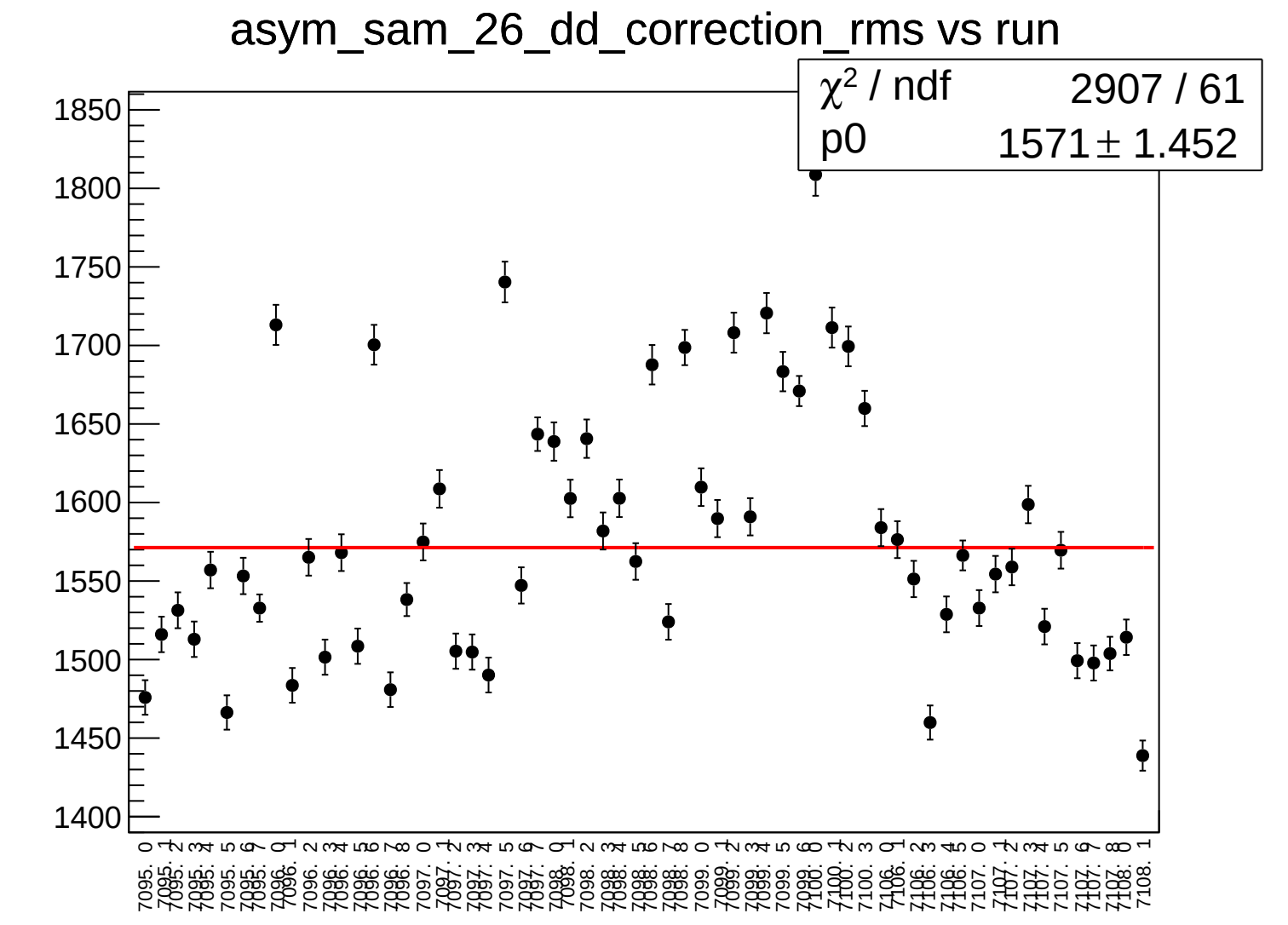

dit_asym_sam_26_dd_mean vs run
χ² / ndf 72.78 / 61
p0 721.7 ± 289.9
pull
Entries 62
Mean 839.4
Std Dev 841.4

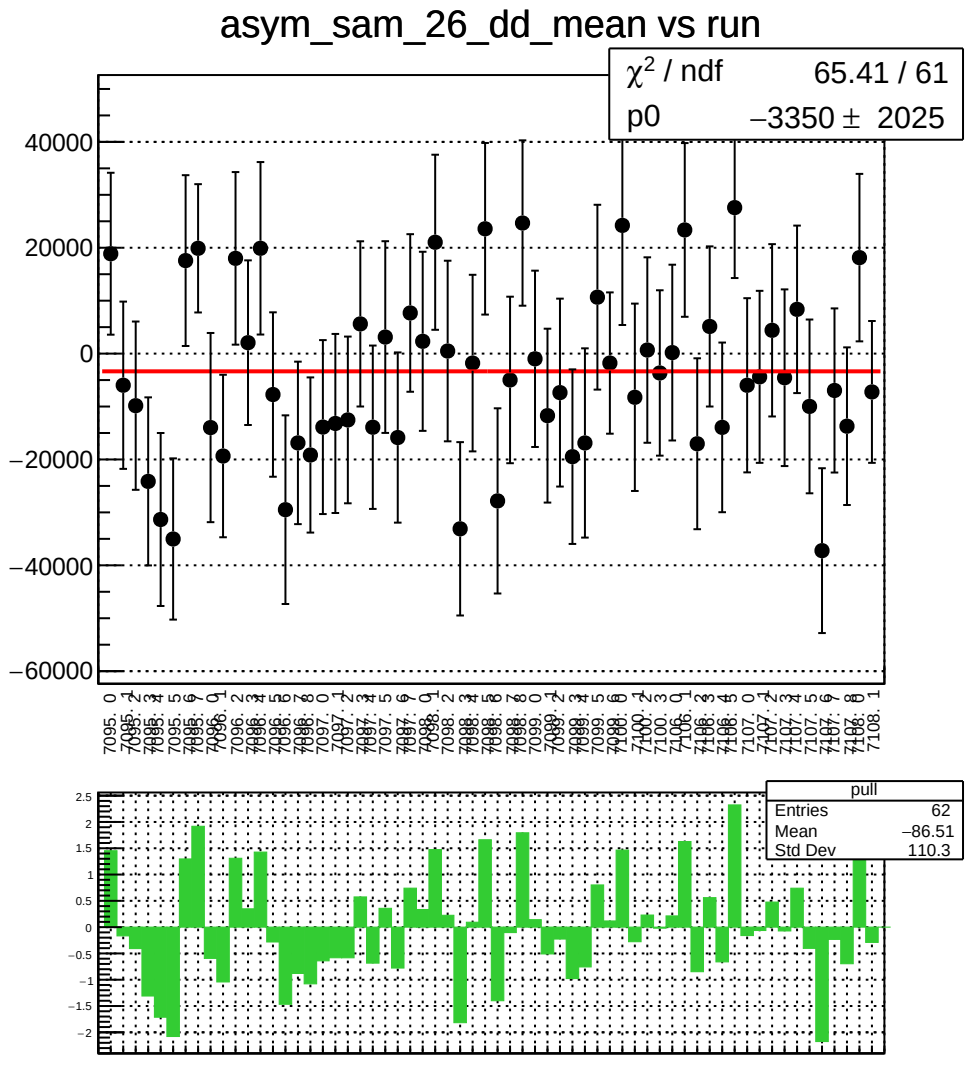

pull1D
Entries 62
Mean −0.000645
Std Dev 1.083

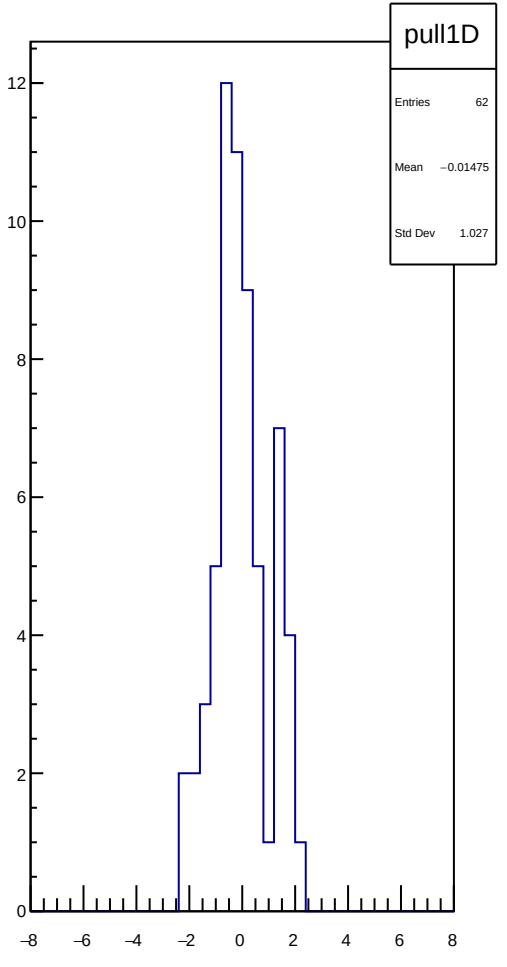

dit_asym_sam_26_dd_rms vs run
χ² / ndf 154.3 / 61
p0 222.1 ± 0.205
232
230
228
226
224
222
220
218
216
214

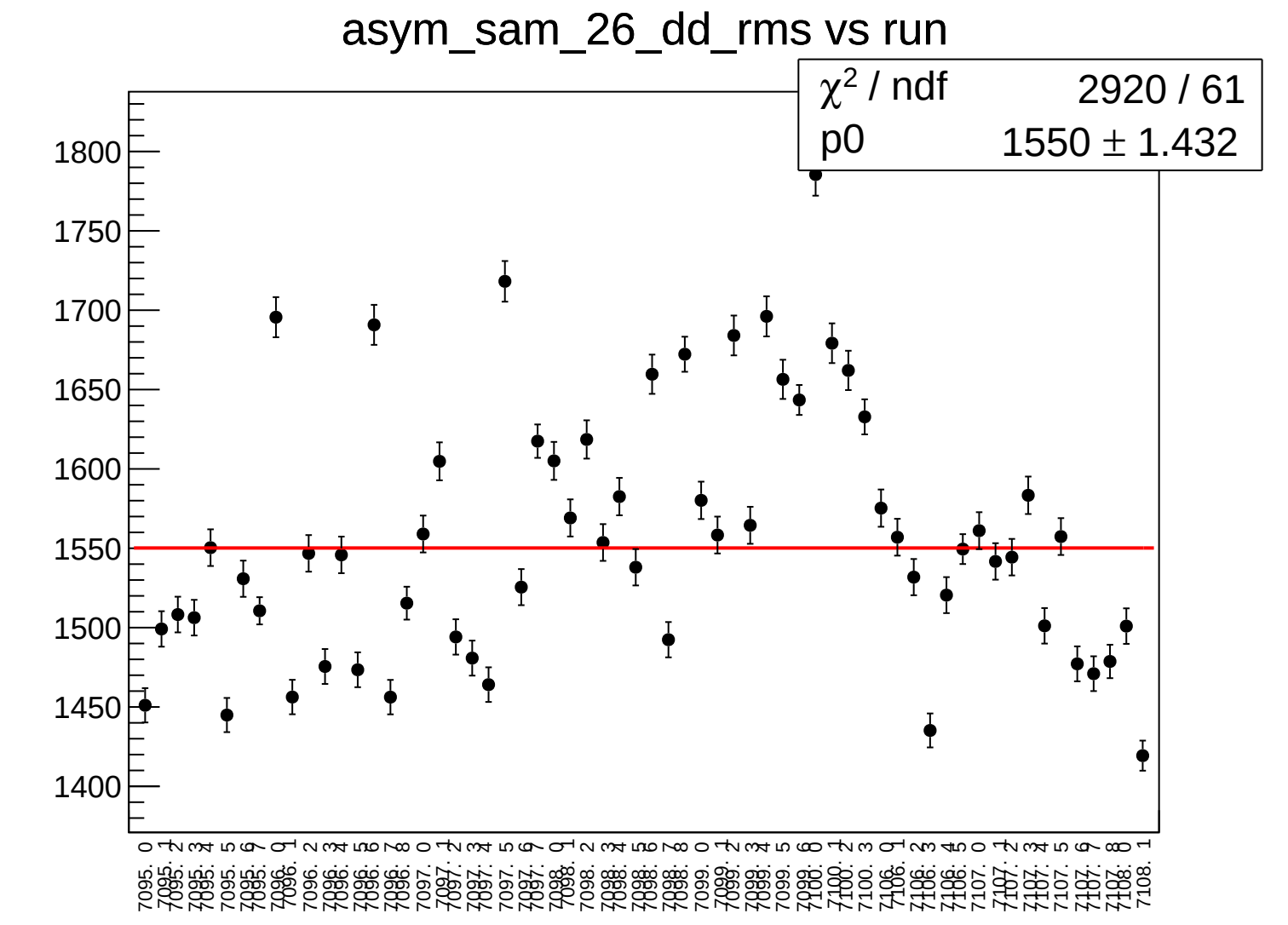

asym_sam_26_dd_correction_mean vs run
χ² / ndf 63.08 / 61
p0 4114 ± 2053
pull
Entries 62
Mean −106.1
Std Dev 128.8

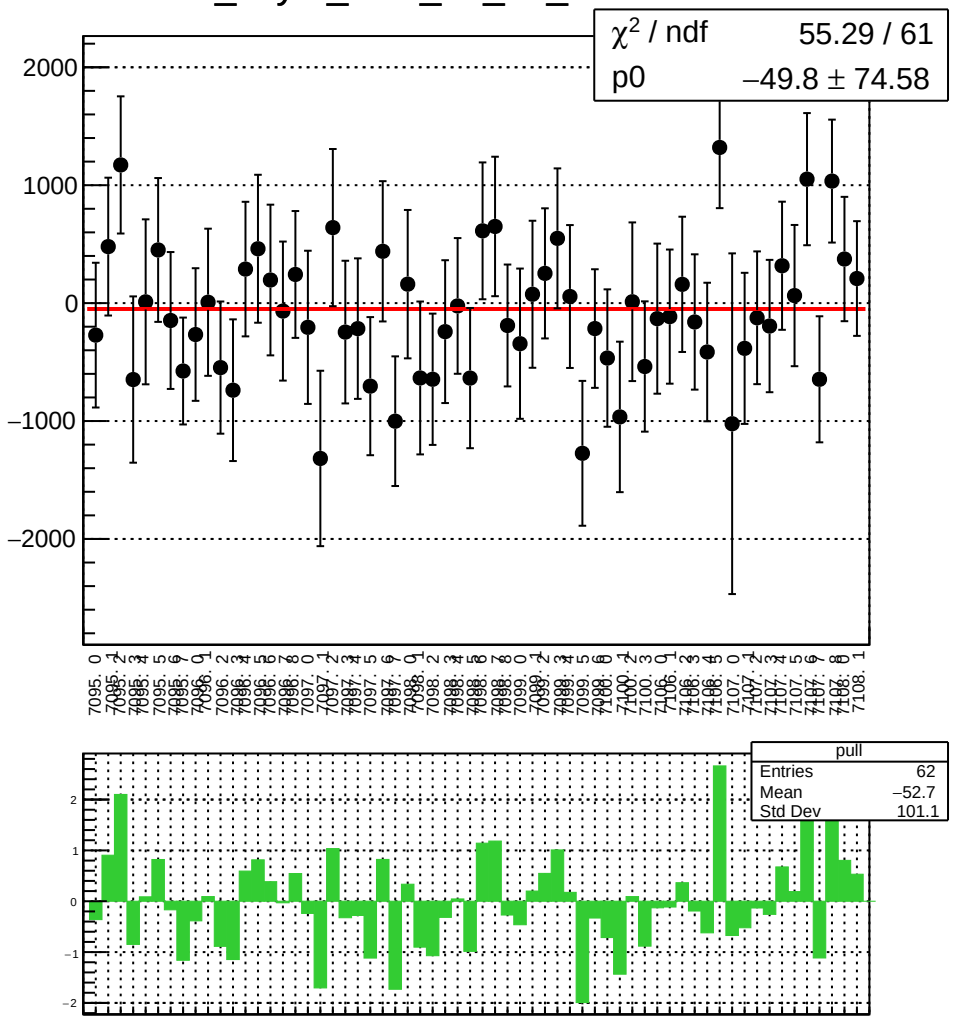

pull1D
Entries 62
Mean 0.01307
Std Dev 1.009

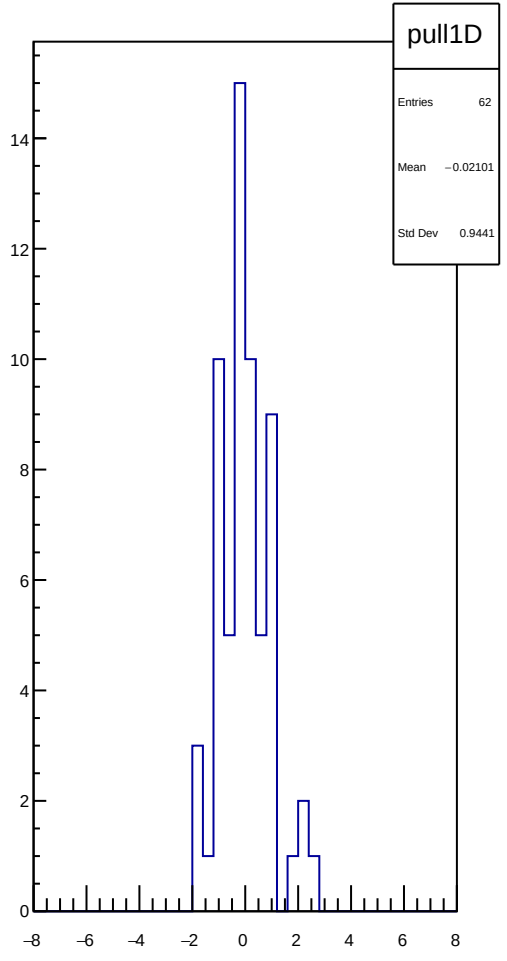

asym_sam_26_dd_correction_rms vs run
χ² / ndf 2907 / 61
p0 1571 ± 1.452
1850
1800
1750
1700
1650
1600
1550
1500
1450
1400

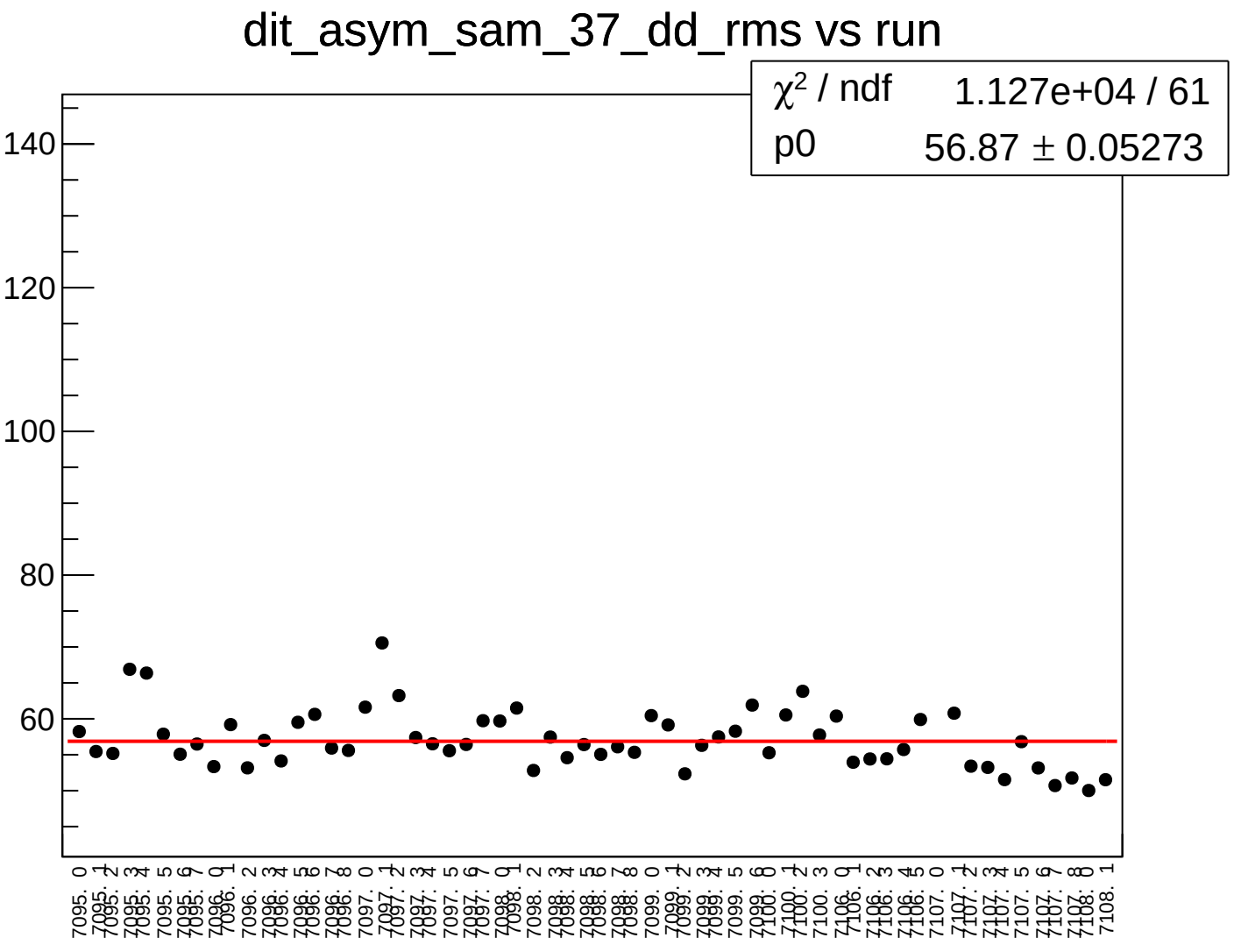

asym_sam_26_dd_mean vs run
χ² / ndf 65.41 / 61
p0 −3350 ± 2025
40000
20000
0
−20000
−40000
−60000
pull
Entries 62
Mean −86.51
Std Dev 110.3
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

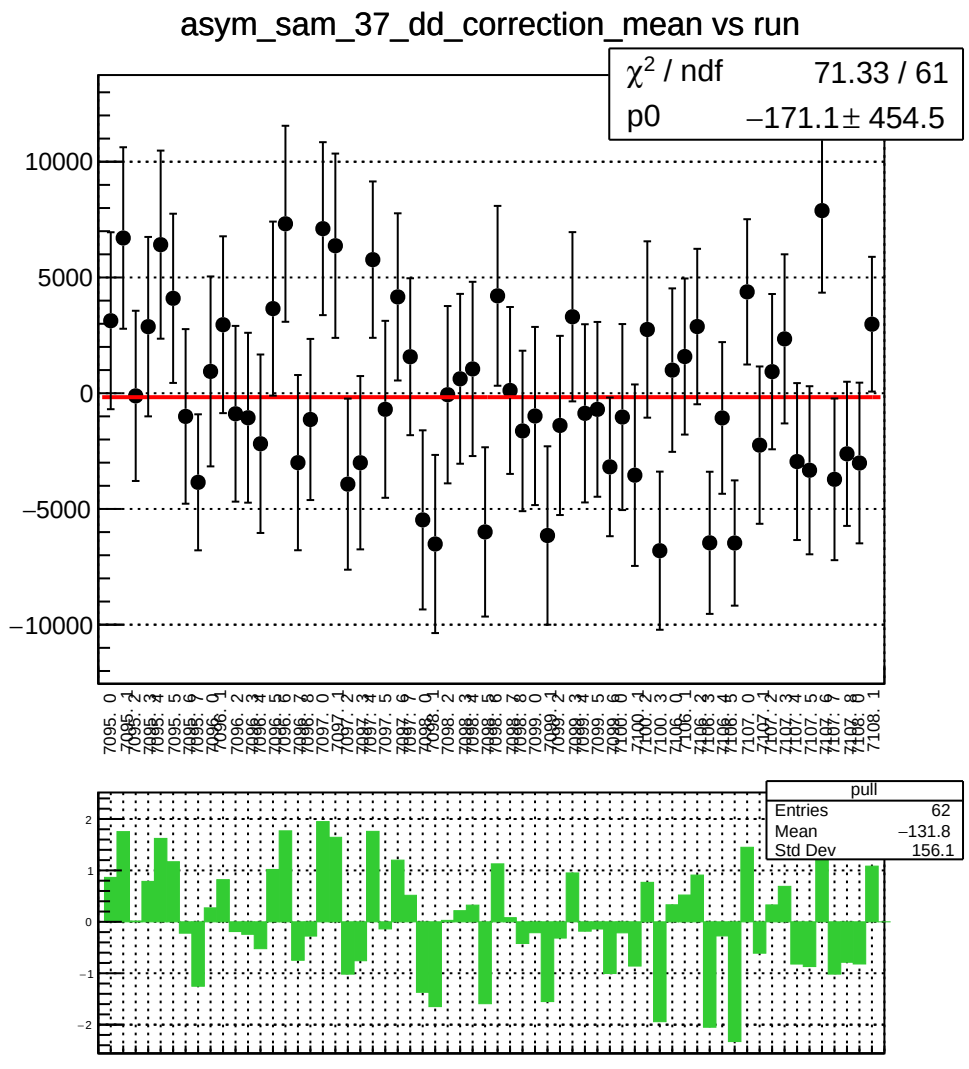

pull1D
Entries 62
Mean −0.01475
Std Dev 1.027
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

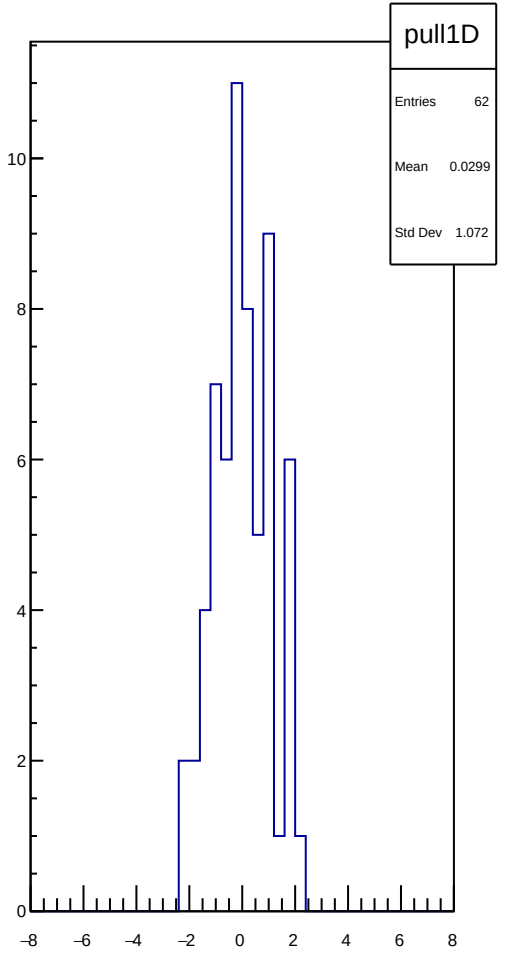

asym_sam_26_dd_rms vs run
χ² / ndf 2920 / 61
p0 1550 ± 1.432
1800
1750
1700
1650
1600
1550
1500
1450
1400

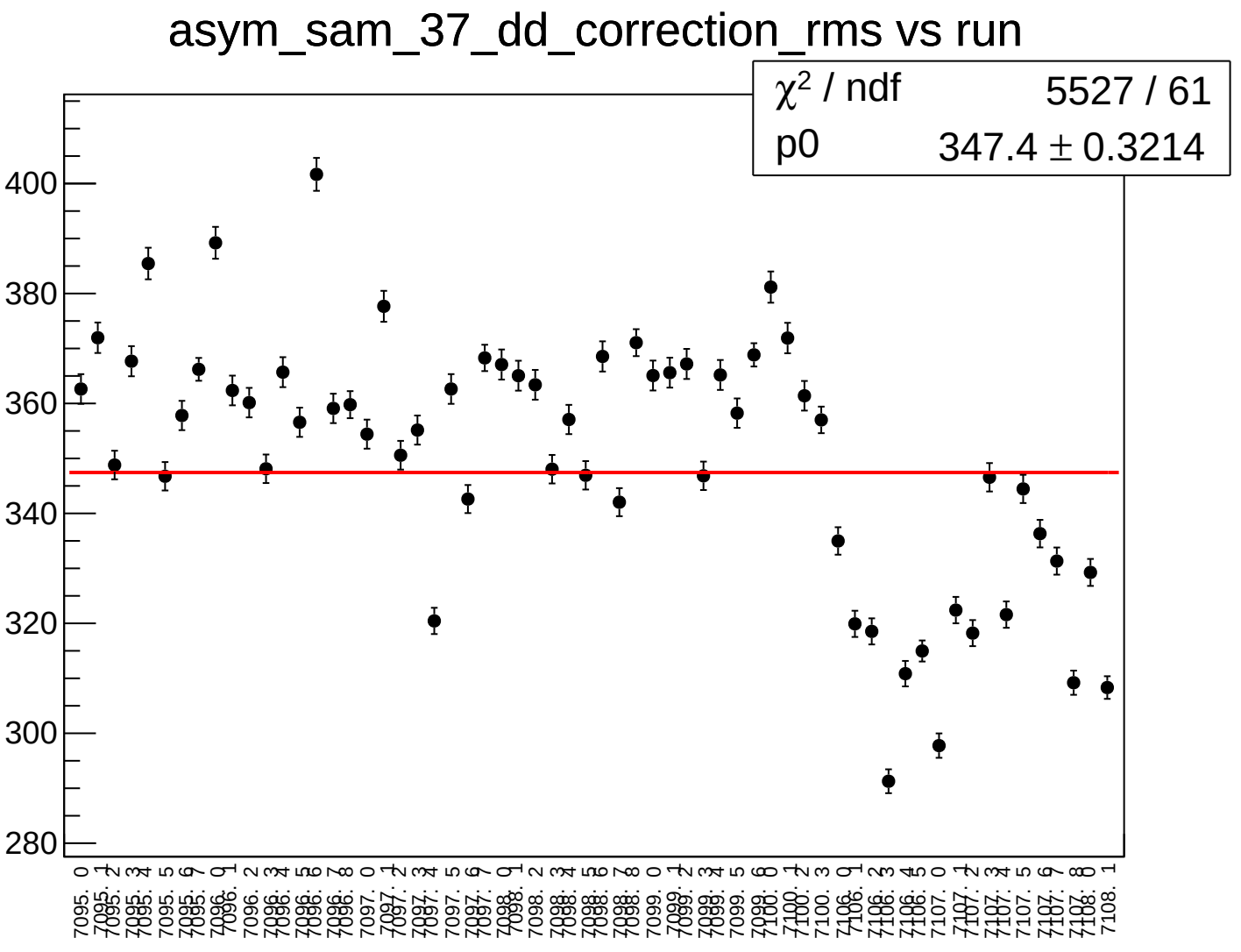

dit_asym_sam_37_dd_mean vs run
χ² / ndf 55.29 / 61
p0 −49.8 ± 74.58
pull
Entries 62
Mean −52.7
Std Dev 101.1

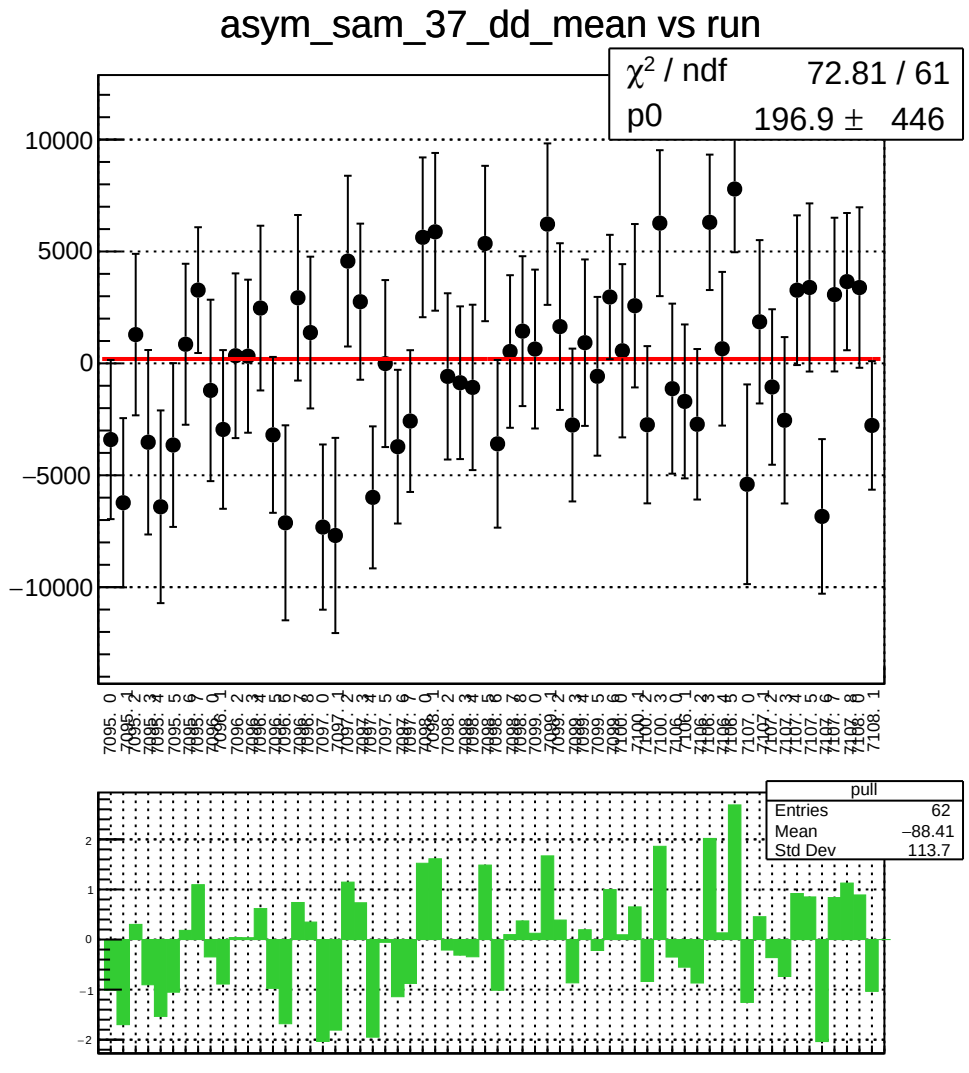

pull1D
Entries 62
Mean −0.02101
Std Dev 0.9441

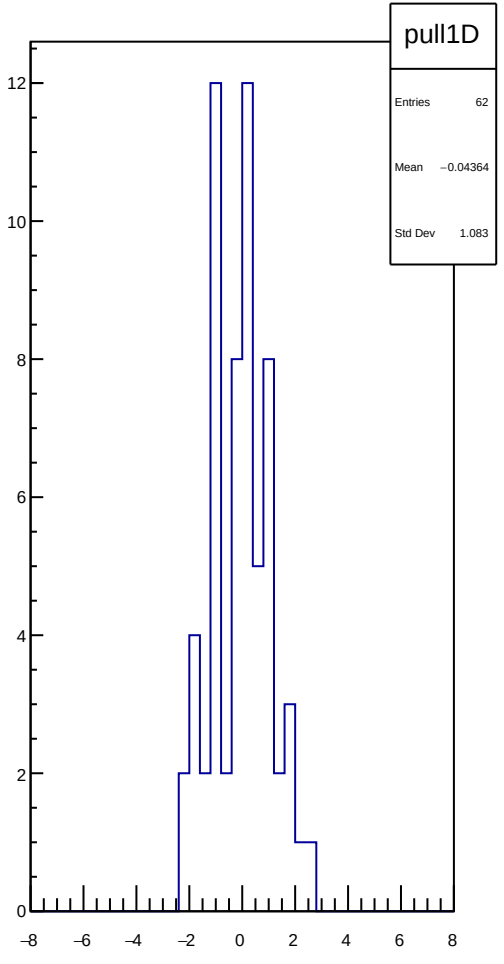

dit_asym_sam_37_dd_rms vs run
χ^2 / ndf 1.127e+04 / 61
p0 56.87 ± 0.05273
140
120
100
80
60

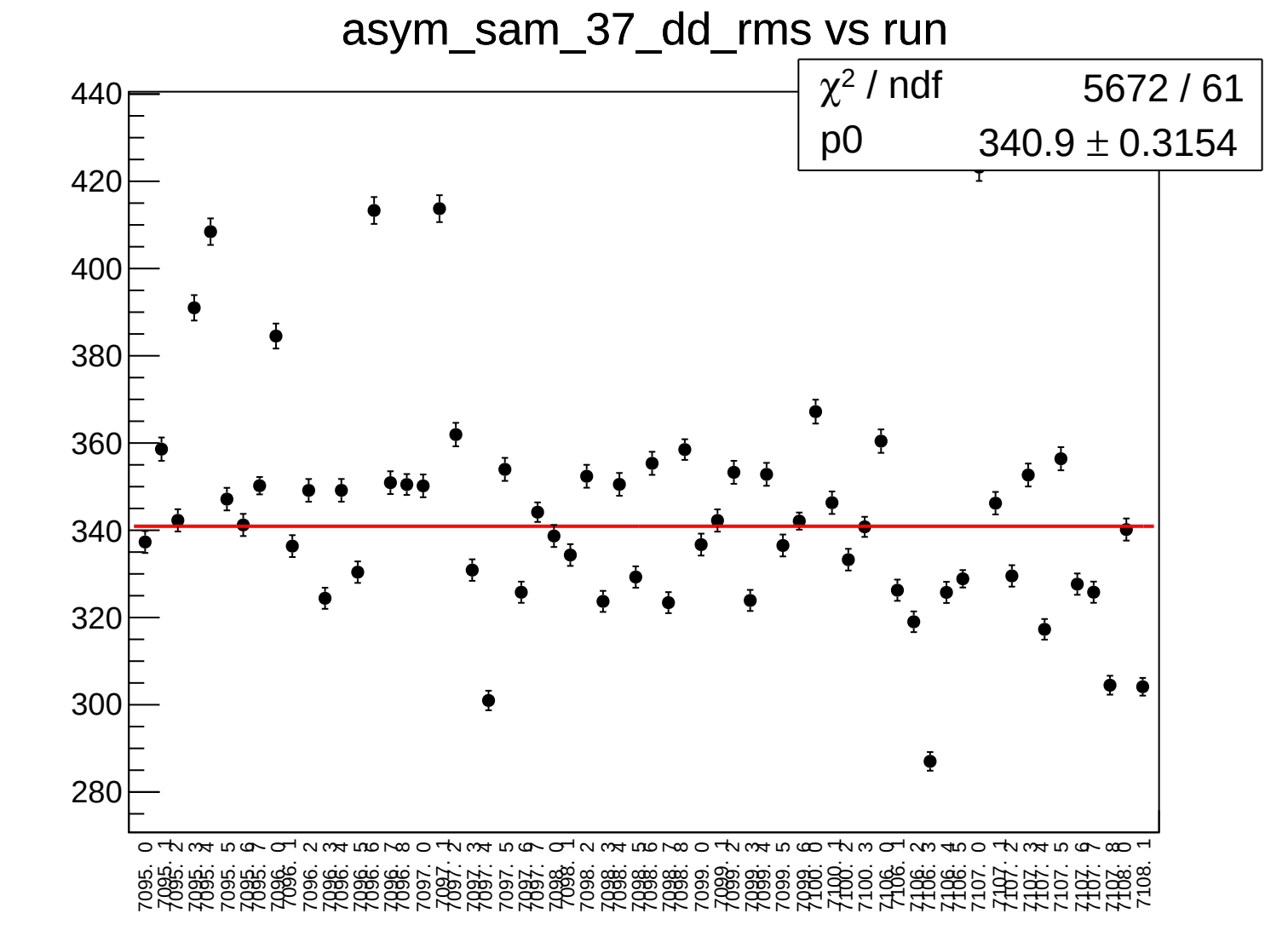

asym_sam_37_dd_correction_mean vs run
χ² / ndf 71.33 / 61
p0 −171.1 ± 454.5
10000
5000
0
−5000
−10000
pull
Entries 62
Mean −131.8
Std Dev 156.1
2
1
0
−1
−2

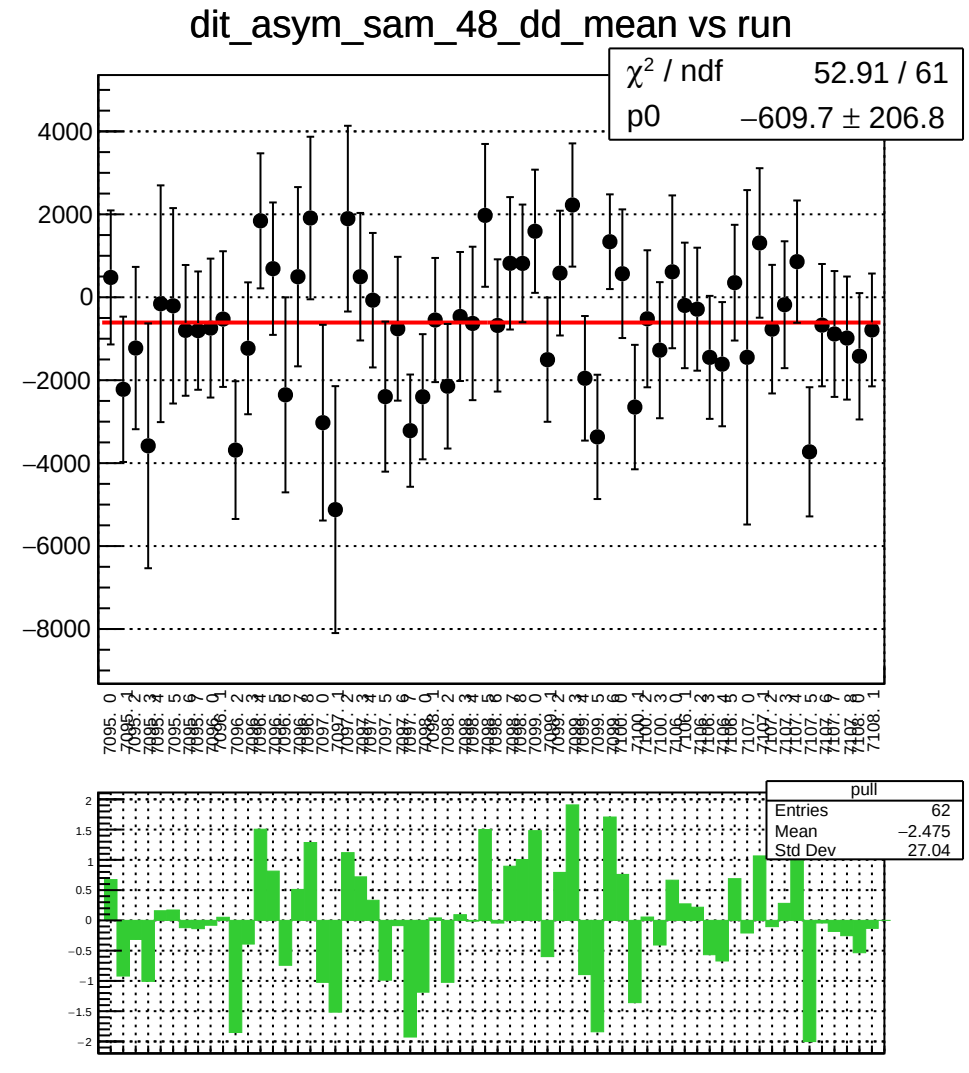

pull1D
Entries 62
Mean 0.0299
Std Dev 1.072
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

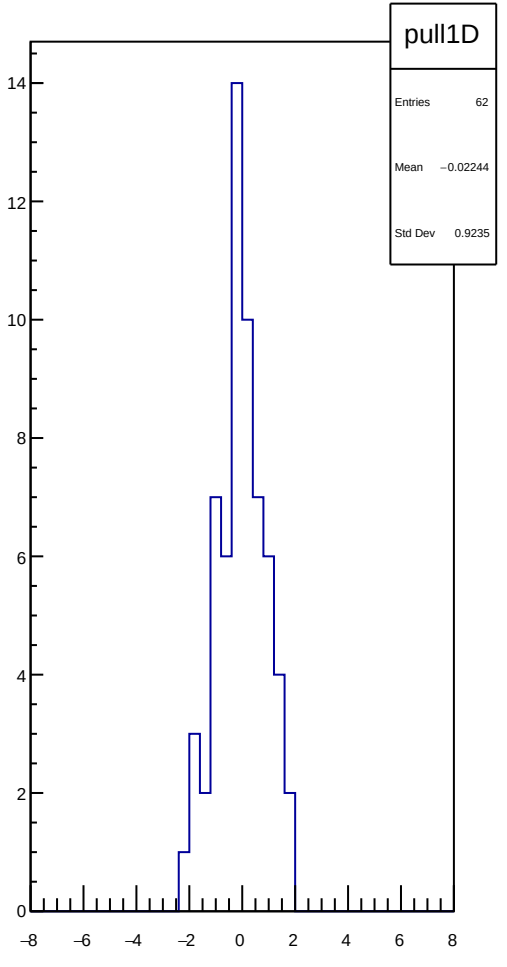

asym_sam_37_dd_correction_rms vs run
χ² / ndf 5527 / 61
p0 347.4 ± 0.3214
400
380
360
340
320
300
280

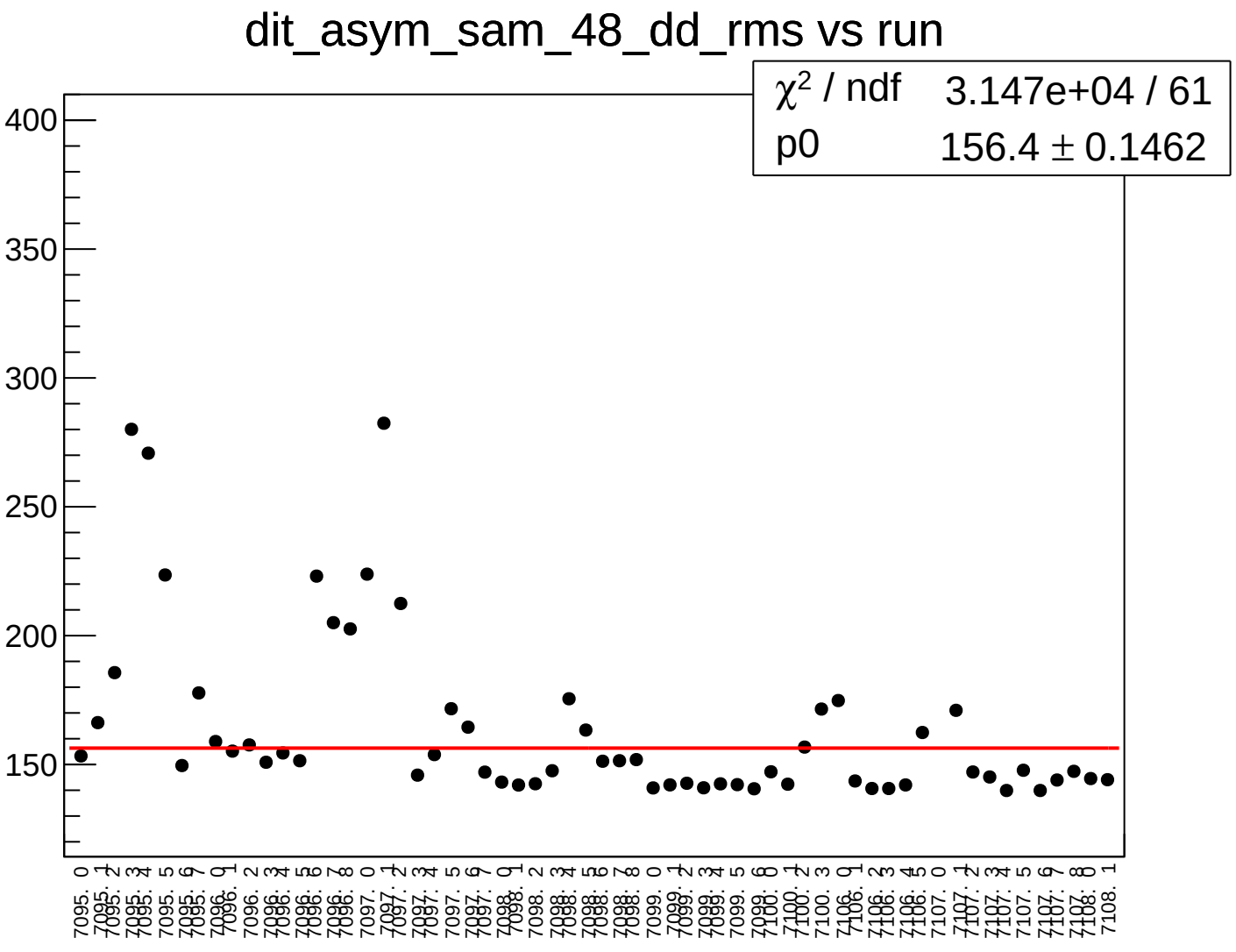

asym_sam_37_dd_mean vs run
χ^2 / ndf 72.81 / 61
p0 196.9 ± 446
10000
5000
0
−5000
−10000
pull
Entries 62
Mean −88.41
Std Dev 113.7
2
1
0
−1
−2

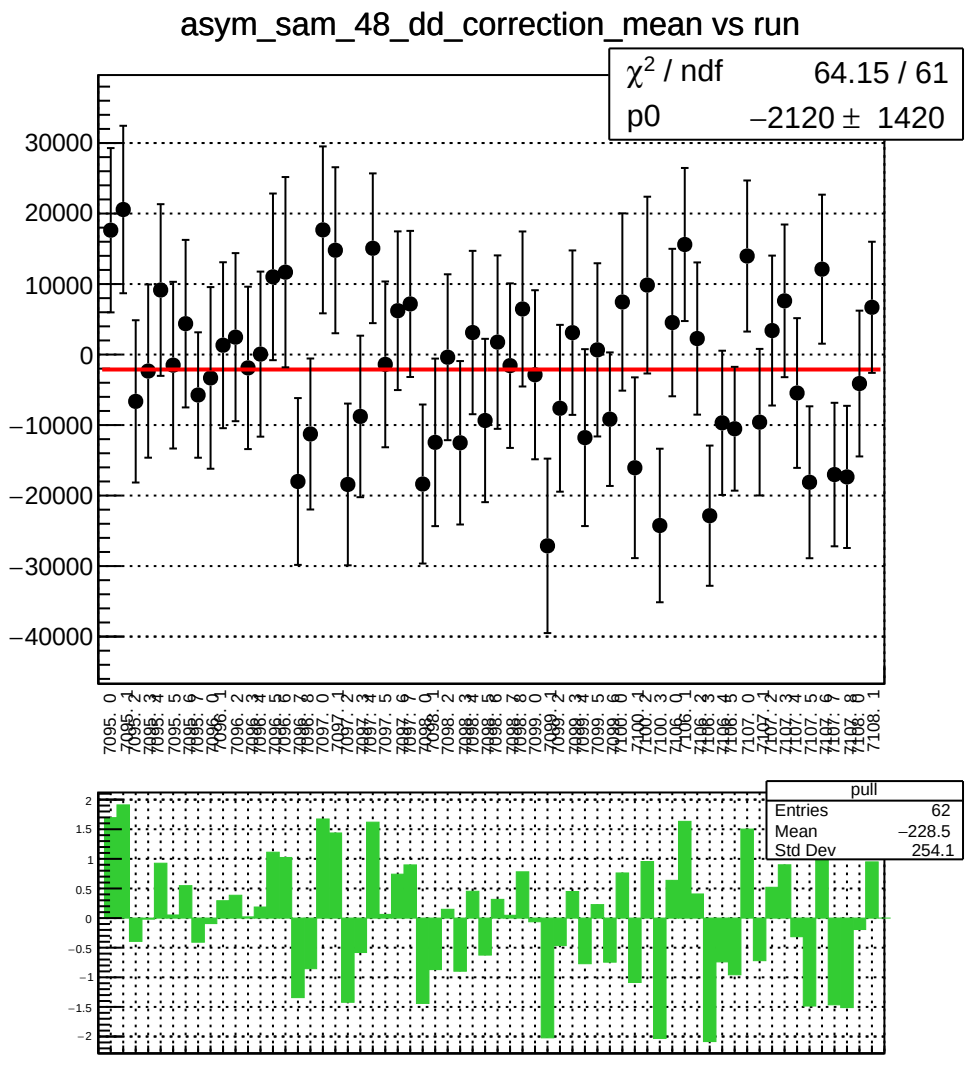

pull1D
Entries 62
Mean −0.04364
Std Dev 1.083
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

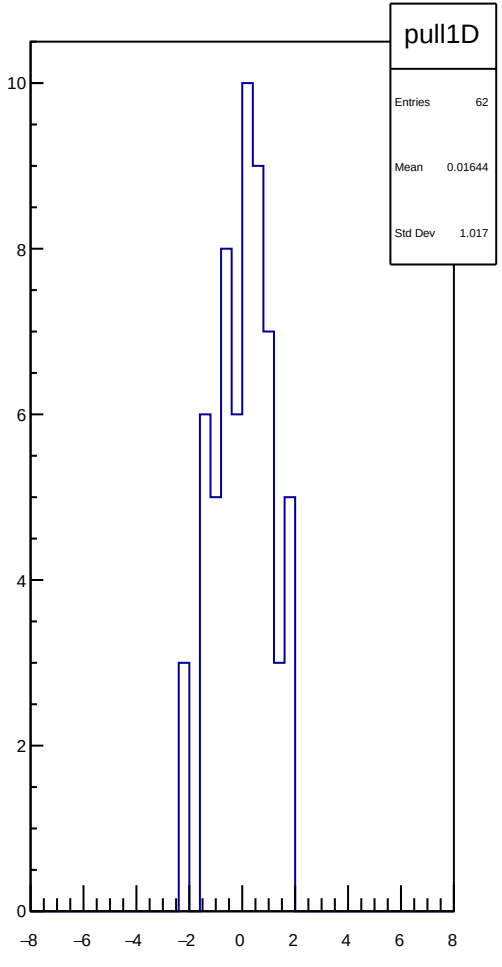

asym_sam_37_dd_rms vs run
χ^2 / ndf 5672 / 61
p0 340.9 ± 0.3154
440
420
400
380
360
340
320
300
280
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7100. 4
7100. 5
7100. 6
7100. 7
7100. 8
7100. 9
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7106. 6
7106. 7
7106. 8
7106. 9
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

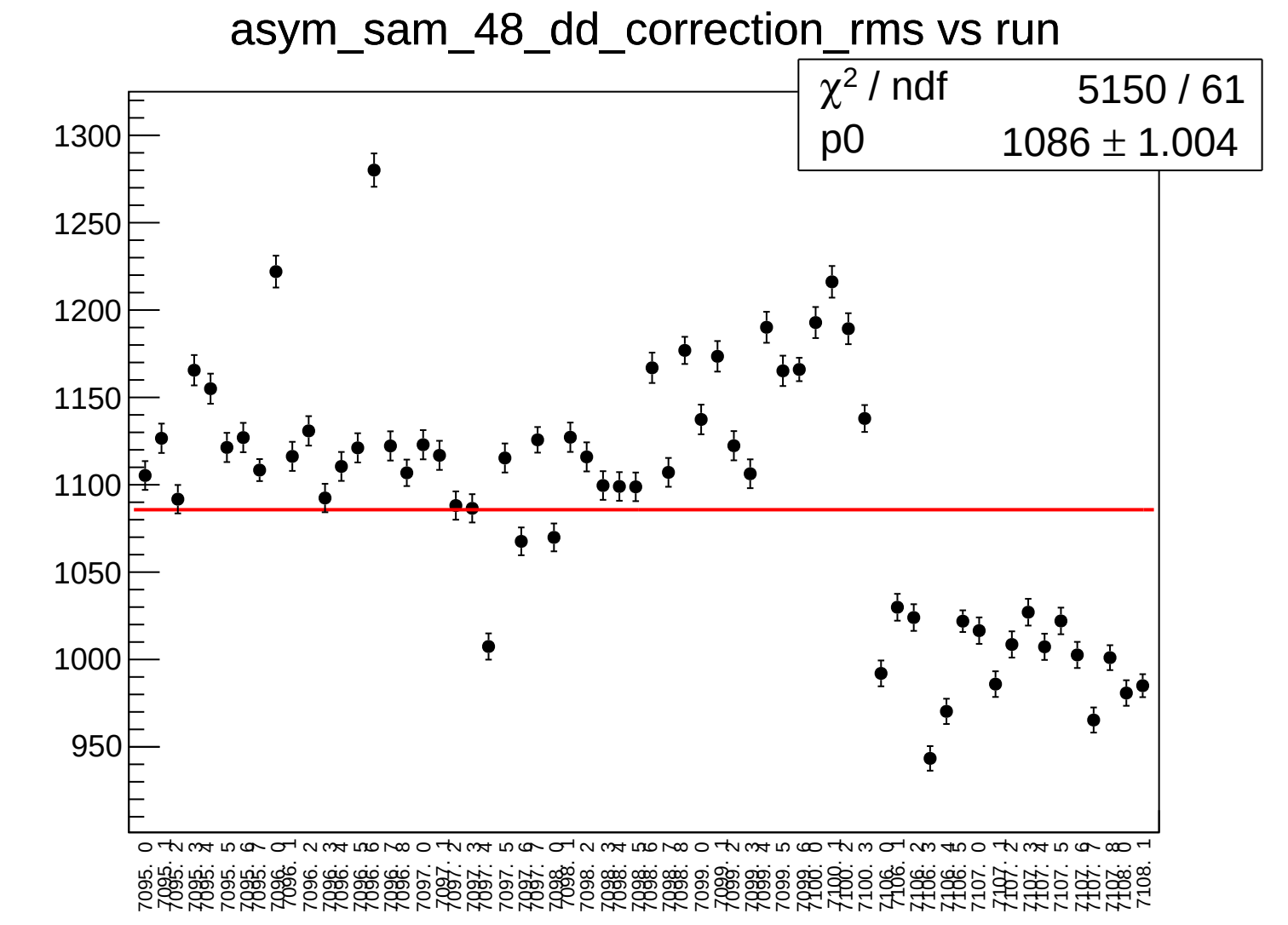

dit_asym_sam_48_dd_mean vs run
χ² / ndf 52.91 / 61
p0 −609.7 ± 206.8
4000
2000
0
−2000
−4000
−6000
−8000
pull
Entries 62
Mean −2.475
Std Dev 27.04
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

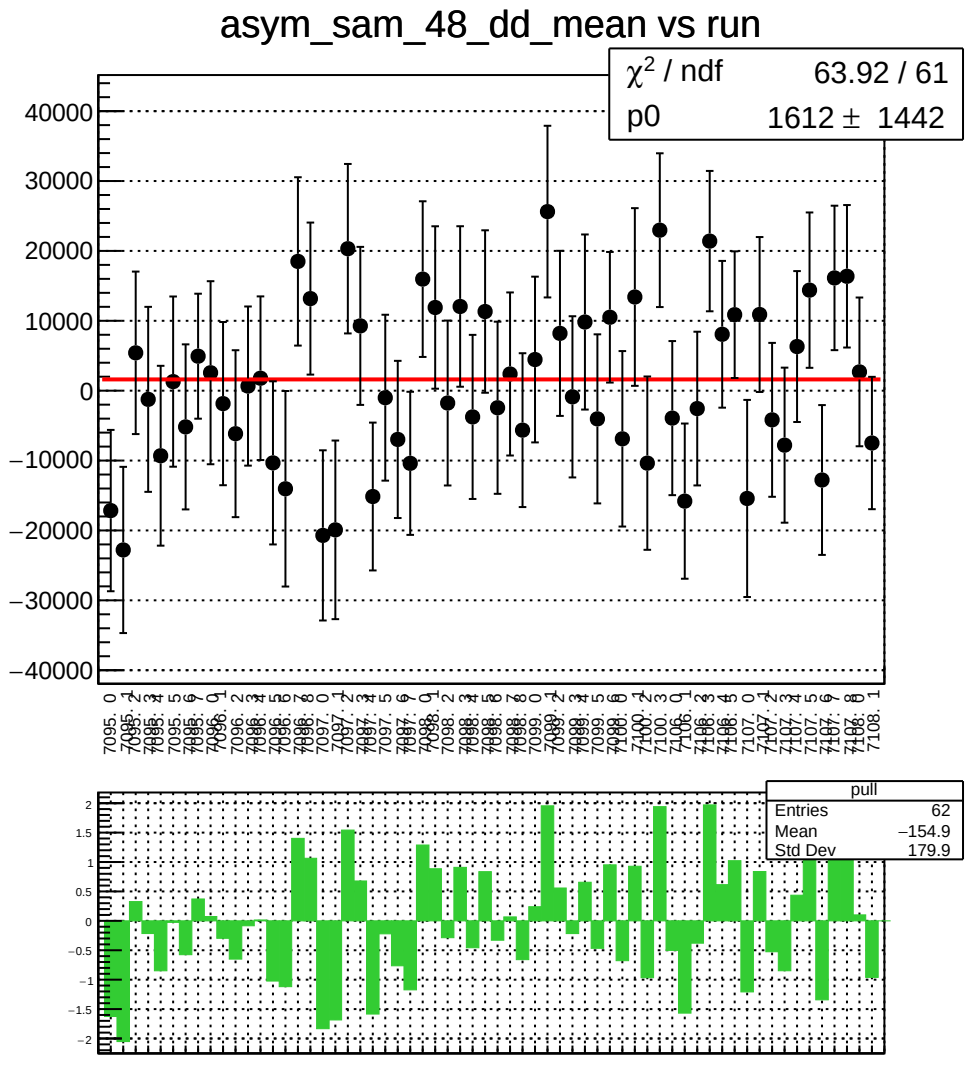

pull1D
Entries 62
Mean −0.02244
Std Dev 0.9235
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

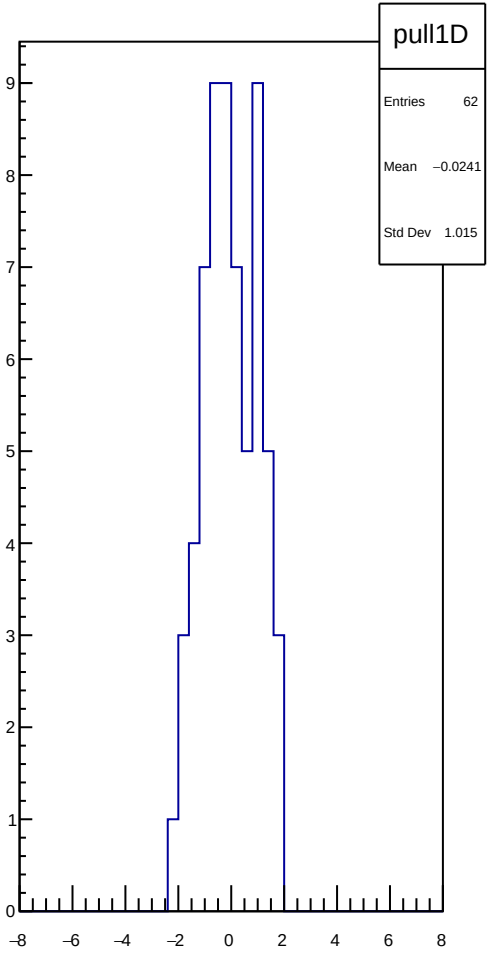

dit_asym_sam_48_dd_rms vs run
χ² / ndf 3.147e+04 / 61
p0 156.4 ± 0.1462
400
350
300
250
200
150
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

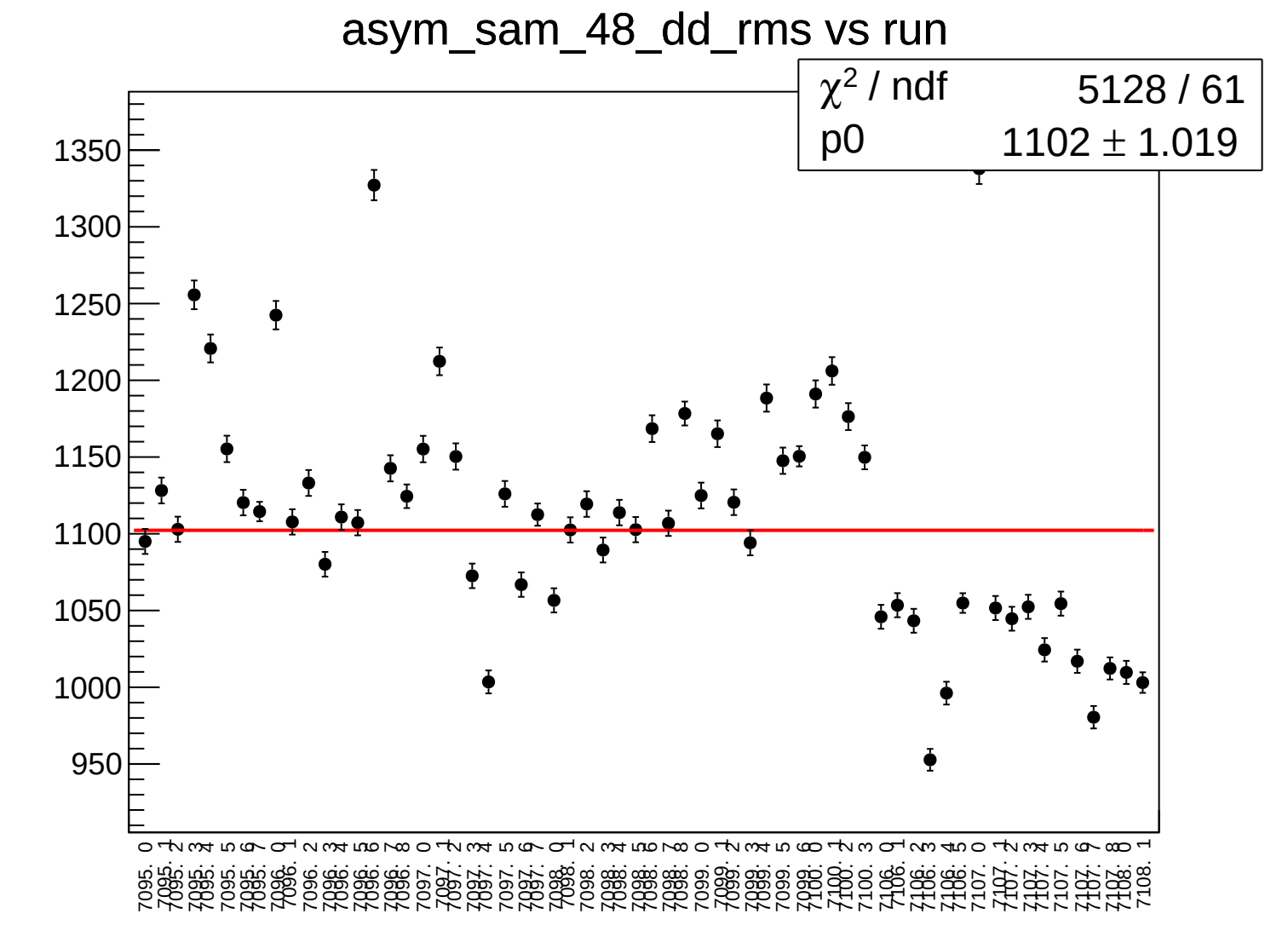

asym_sam_48_dd_correction_mean vs run
χ² / ndf 64.15 / 61
p0 −2120 ± 1420
pull
Entries 62
Mean −228.5
Std Dev 254.1

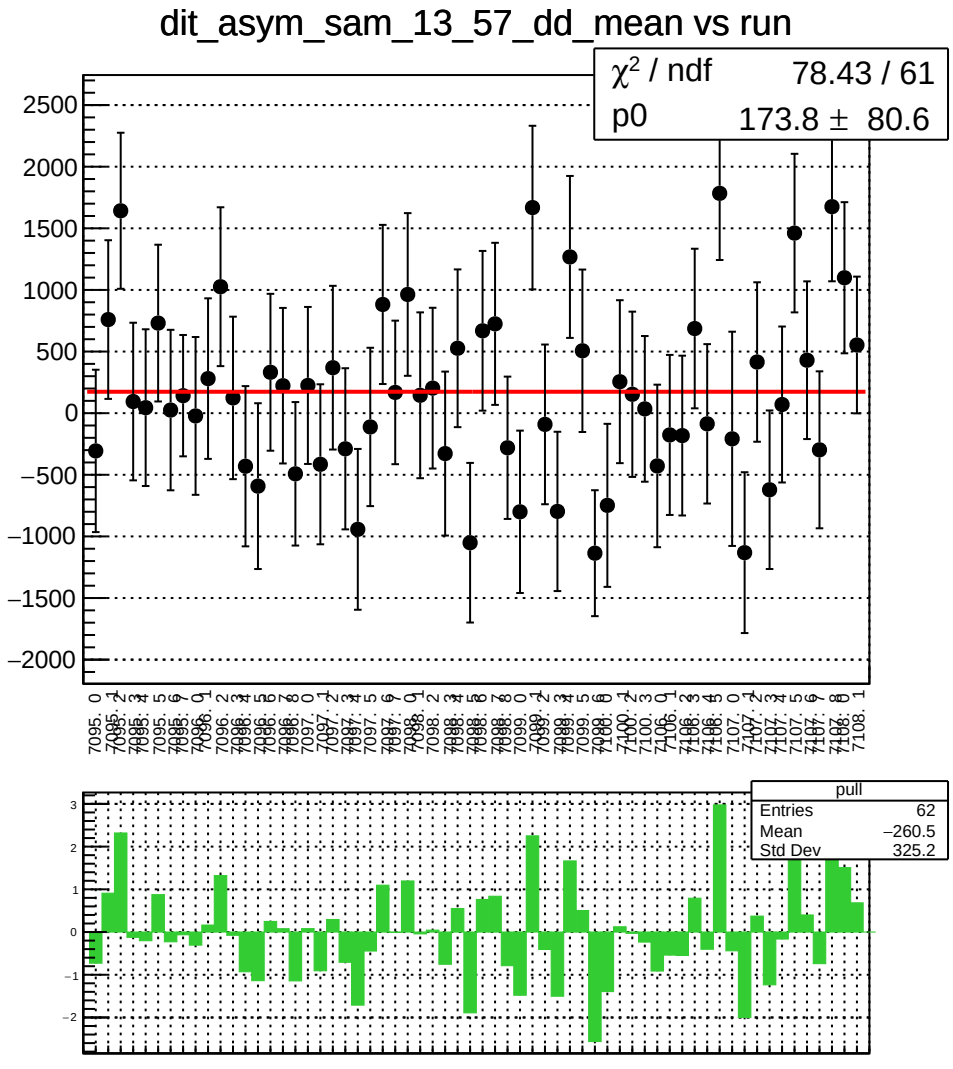

pull1D
Entries 62
Mean 0.01644
Std Dev 1.017

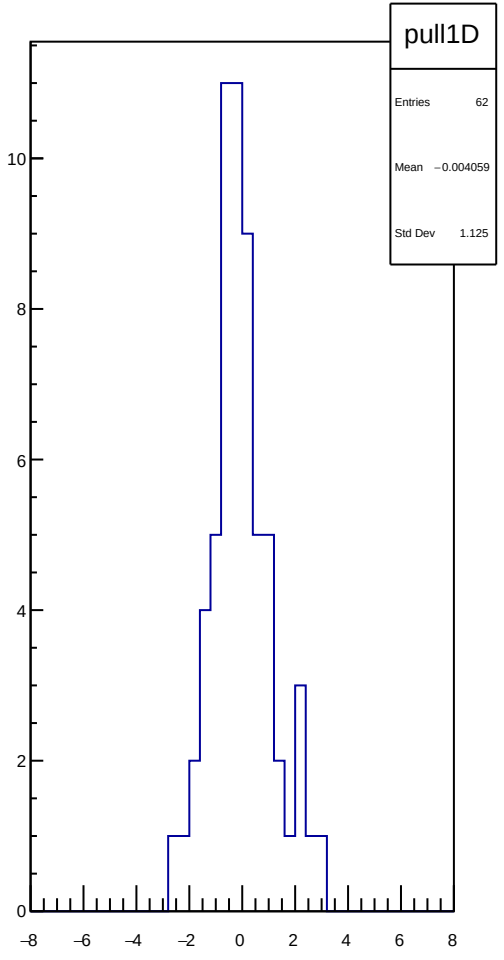

asym_sam_48_dd_correction_rms vs run
χ² / ndf 5150 / 61
p0 1086 ± 1.004
1300
1250
1200
1150
1100
1050
1000
950

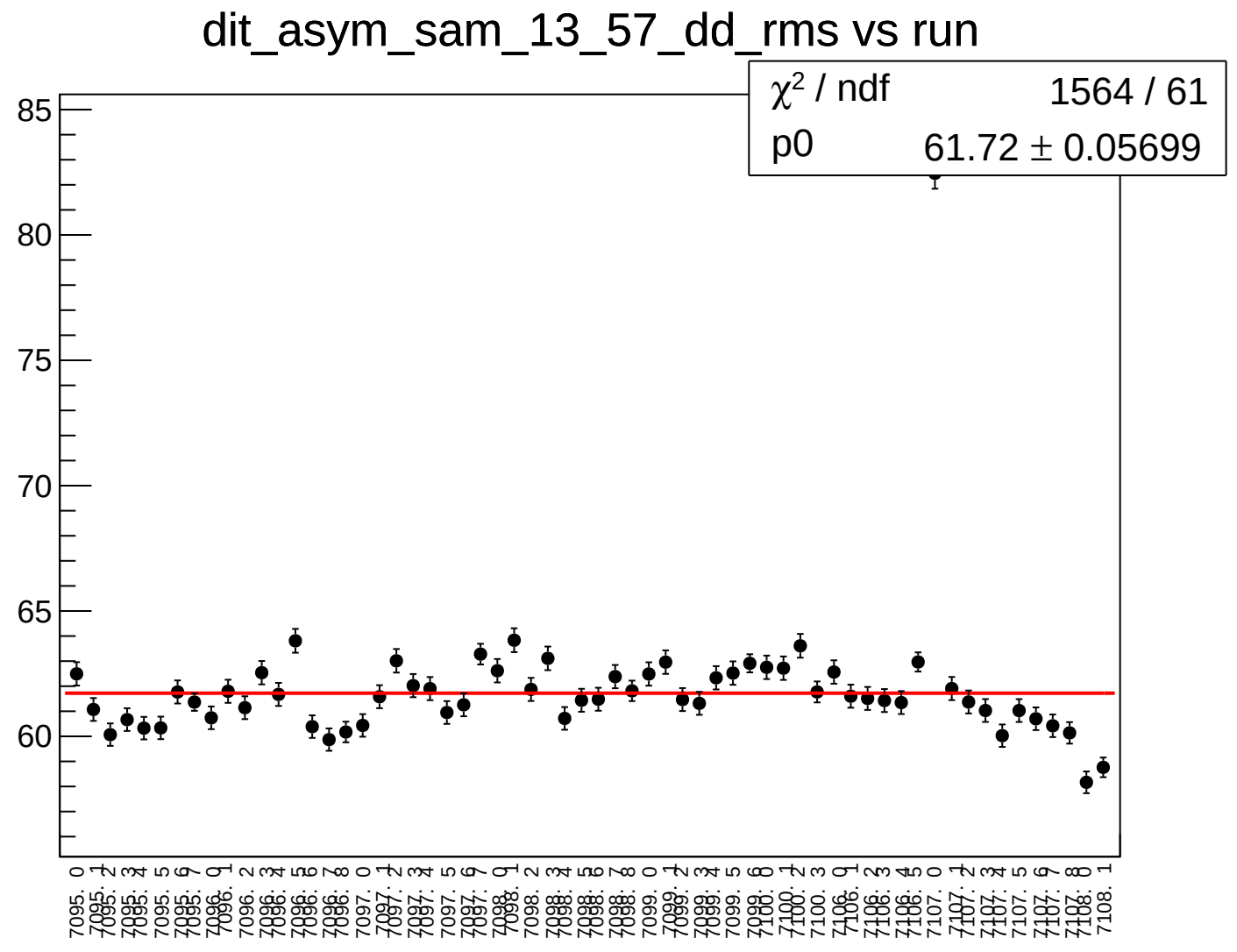

asym_sam_48_dd_mean vs run
χ² / ndf 63.92 / 61
p0 1612 ± 1442
pull
Entries 62
Mean −154.9
Std Dev 179.9

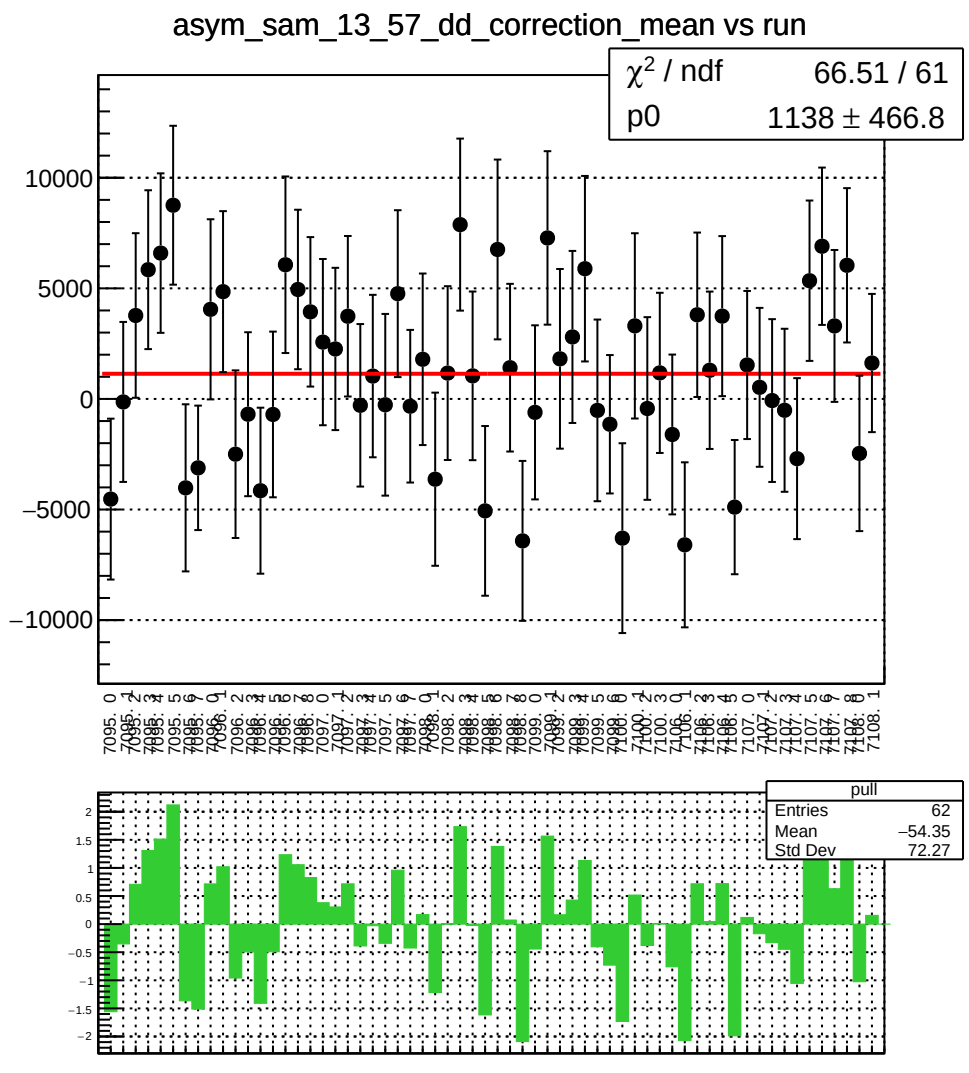

pull1D
Entries 62
Mean −0.0241
Std Dev 1.015

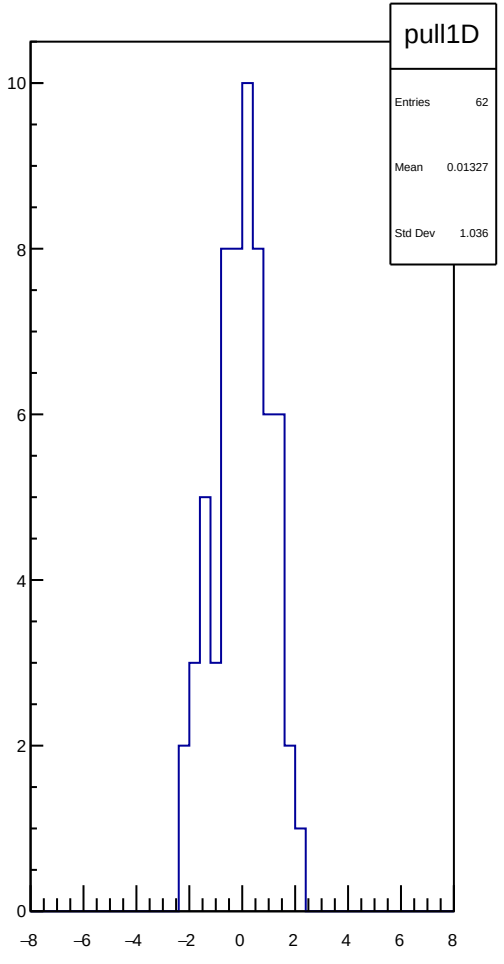

asym_sam_48_dd_rms vs run
χ² / ndf 5128 / 61
p0 1102 ± 1.019
1350
1300
1250
1200
1150
1100
1050
1000
950
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7108. 0
7108. 1

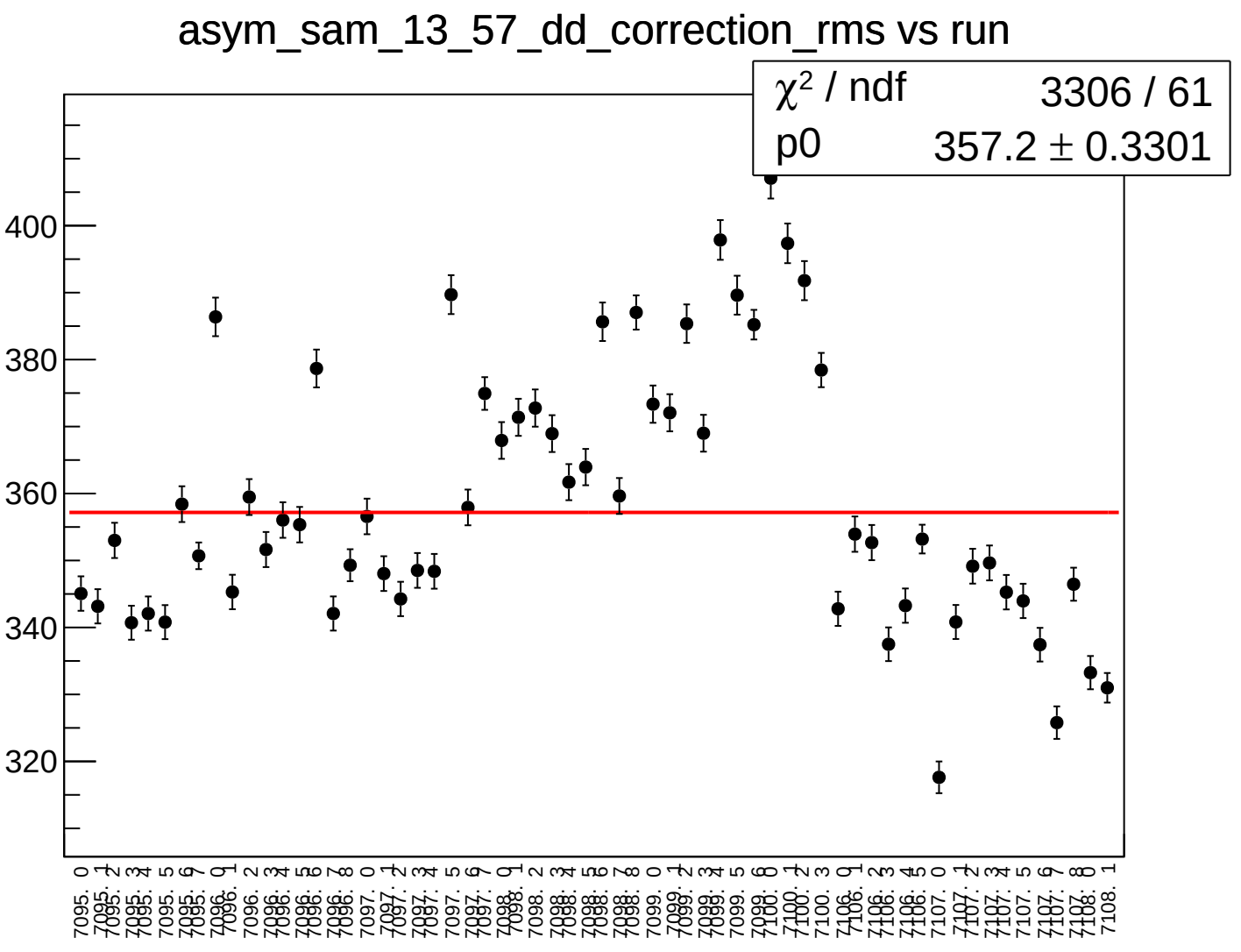

dit_asym_sam_13_57_dd_mean vs run
χ² / ndf 78.43 / 61
p0 173.8 ± 80.6
pull
Entries 62
Mean −260.5
Std Dev 325.2

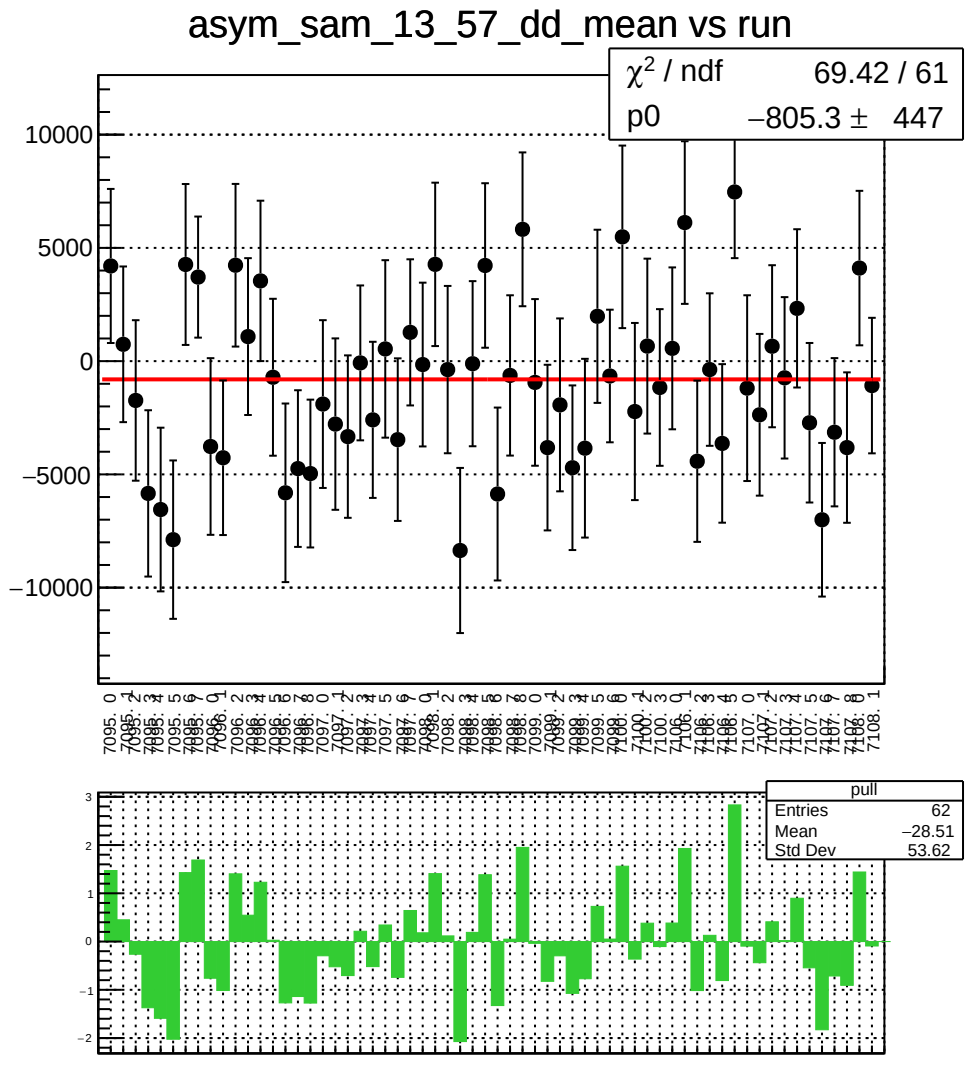

pull1D
Entries 62
Mean −0.004059
Std Dev 1.125

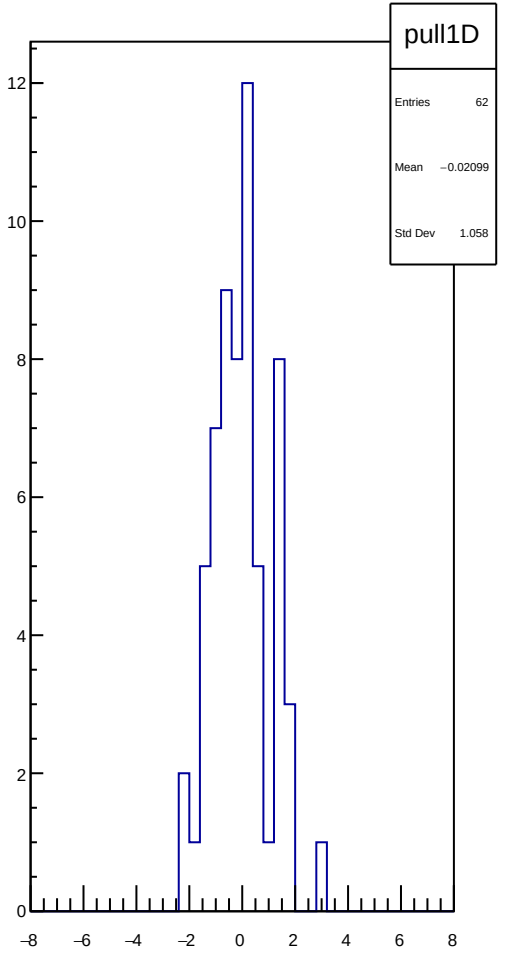

dit_asym_sam_13_57_dd_rms vs run
χ² / ndf 1564 / 61
p0 61.72 ± 0.05699
85
80
75
70
65
60

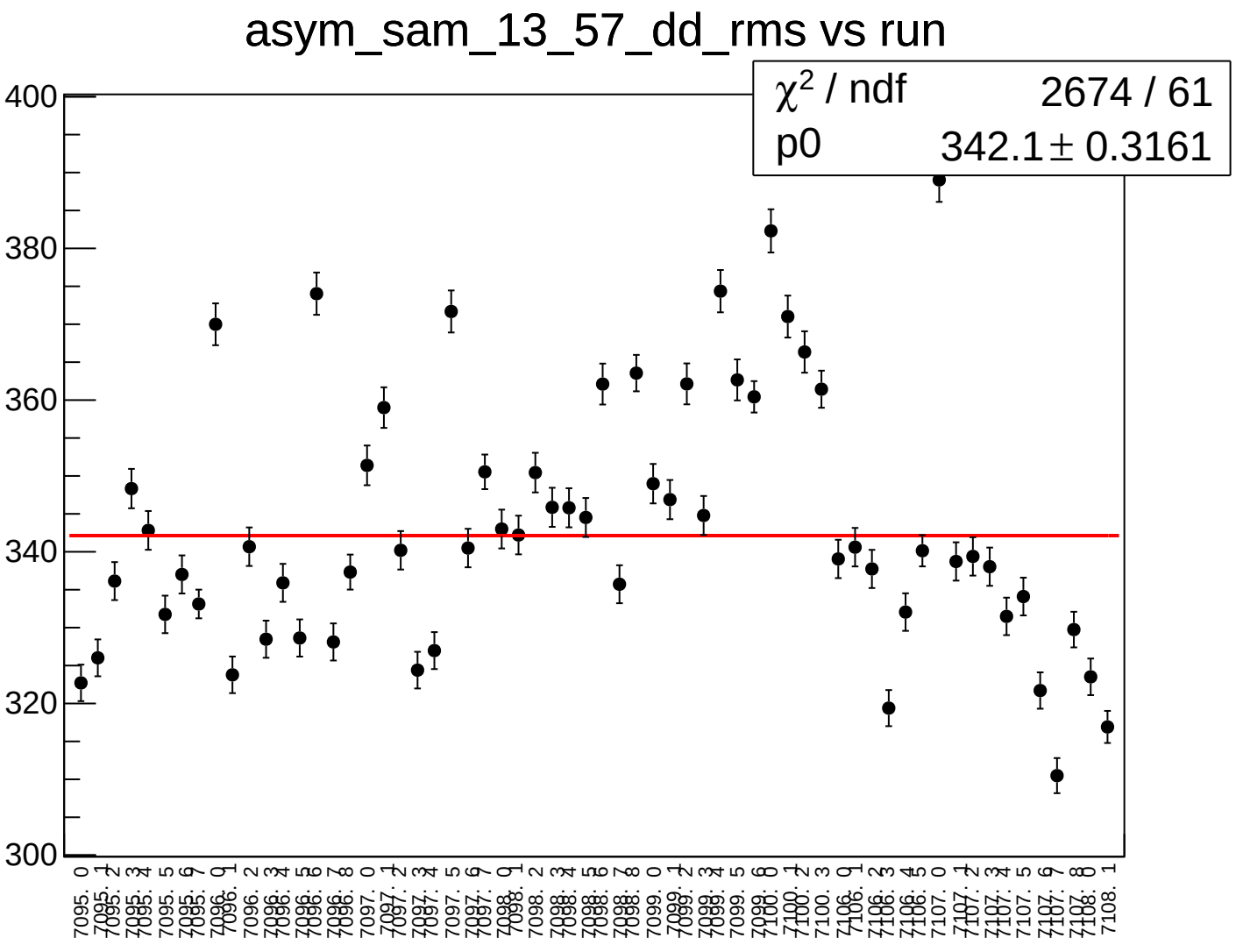

asym_sam_13_57_dd_correction_mean vs run
χ² / ndf 66.51 / 61
p0 1138 ± 466.8
10000
5000
0
−5000
−10000
pull
Entries 62
Mean −54.35
Std Dev 72.27
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

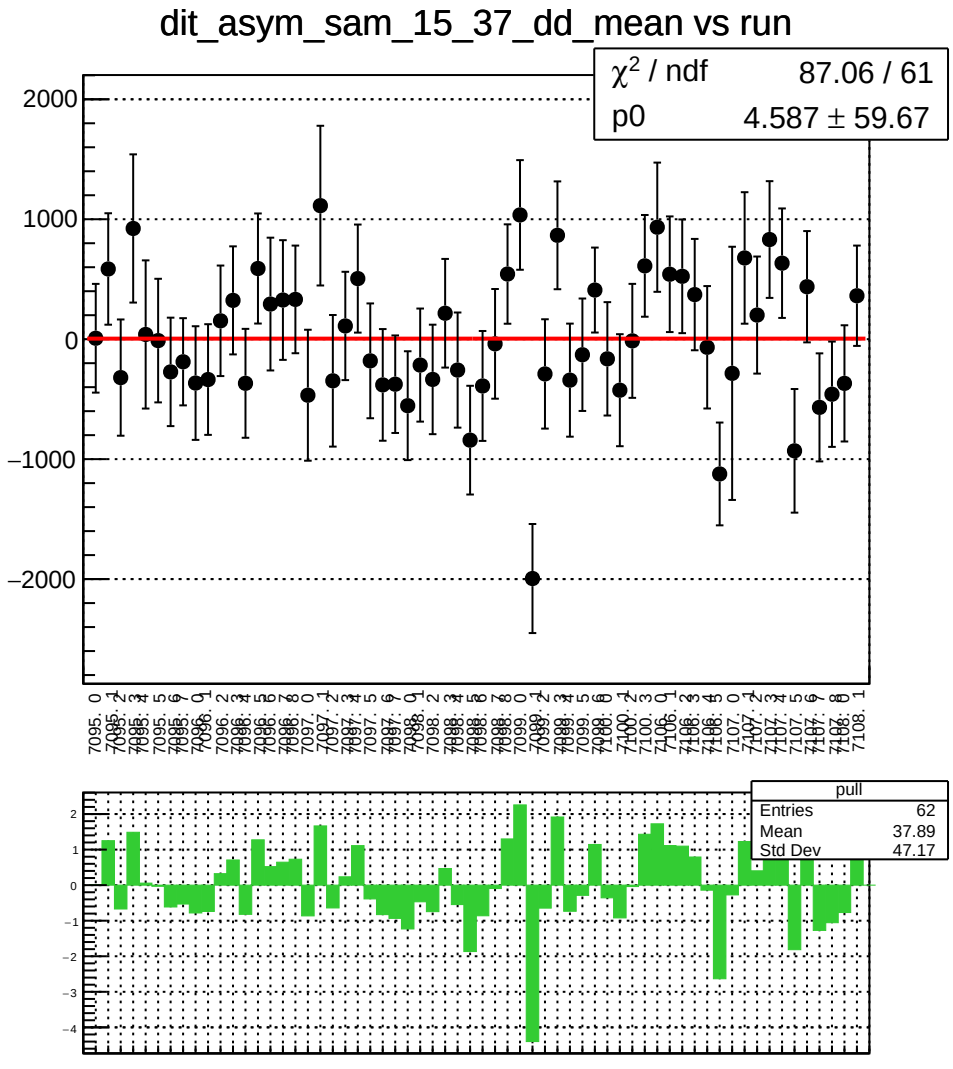

pull1D
Entries 62
Mean 0.01327
Std Dev 1.036
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

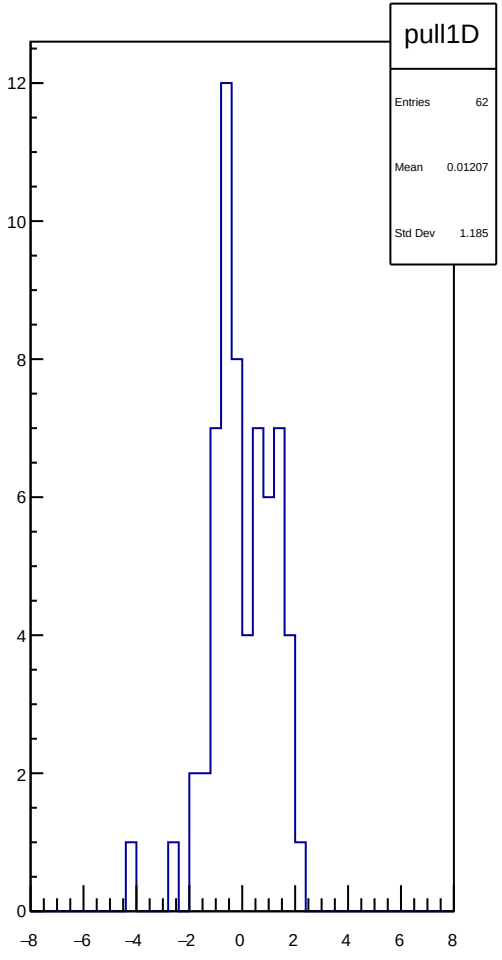

asym_sam_13_57_dd_correction_rms vs run
χ² / ndf 3306 / 61
p0 357.2 ± 0.3301
400
380
360
340
320

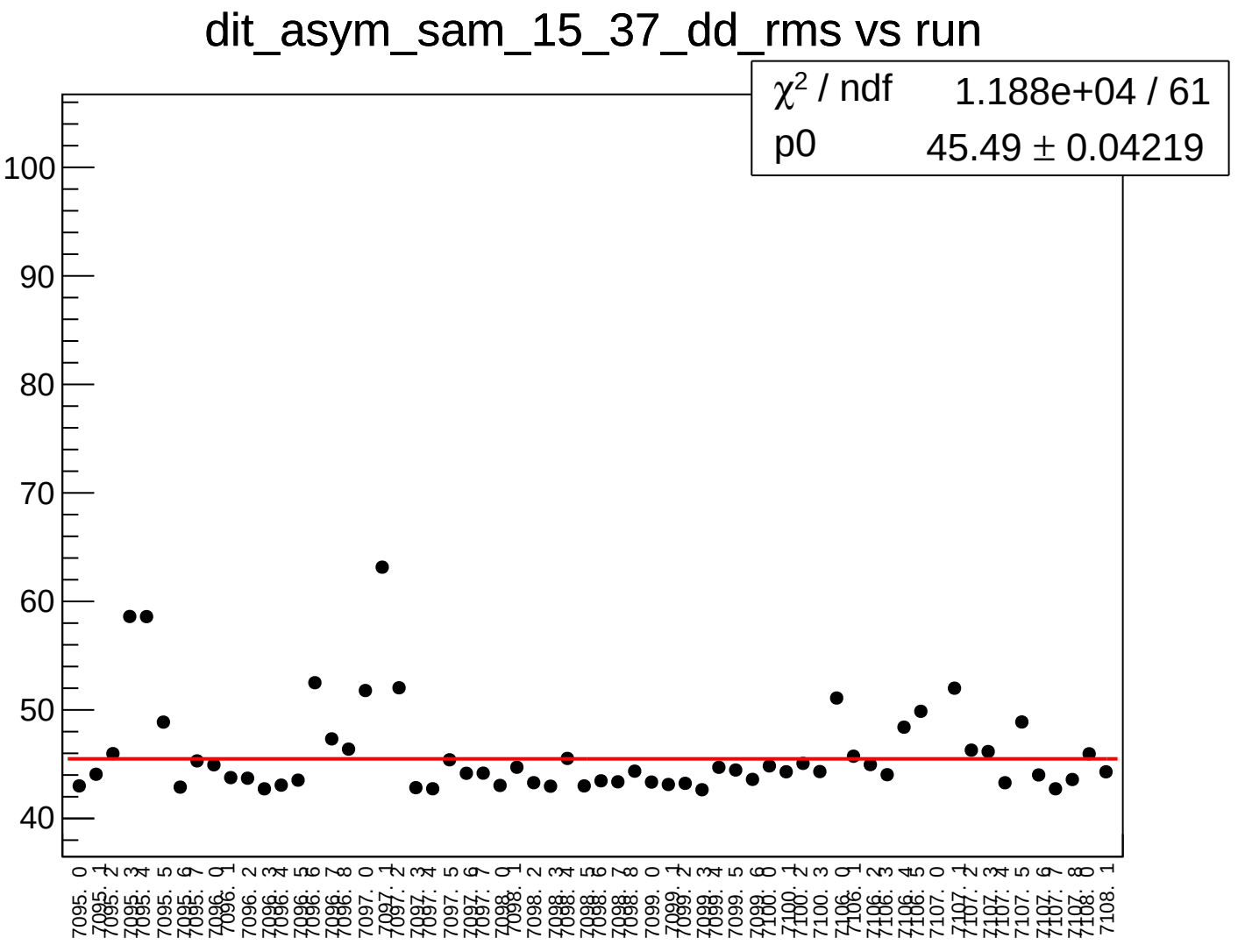

asym_sam_13_57_dd_mean vs run
χ² / ndf 69.42 / 61
p0 −805.3 ± 447
10000
5000
0
−5000
−10000
pull
Entries 62
Mean −28.51
Std Dev 53.62
3
2
1
0
−1
−2

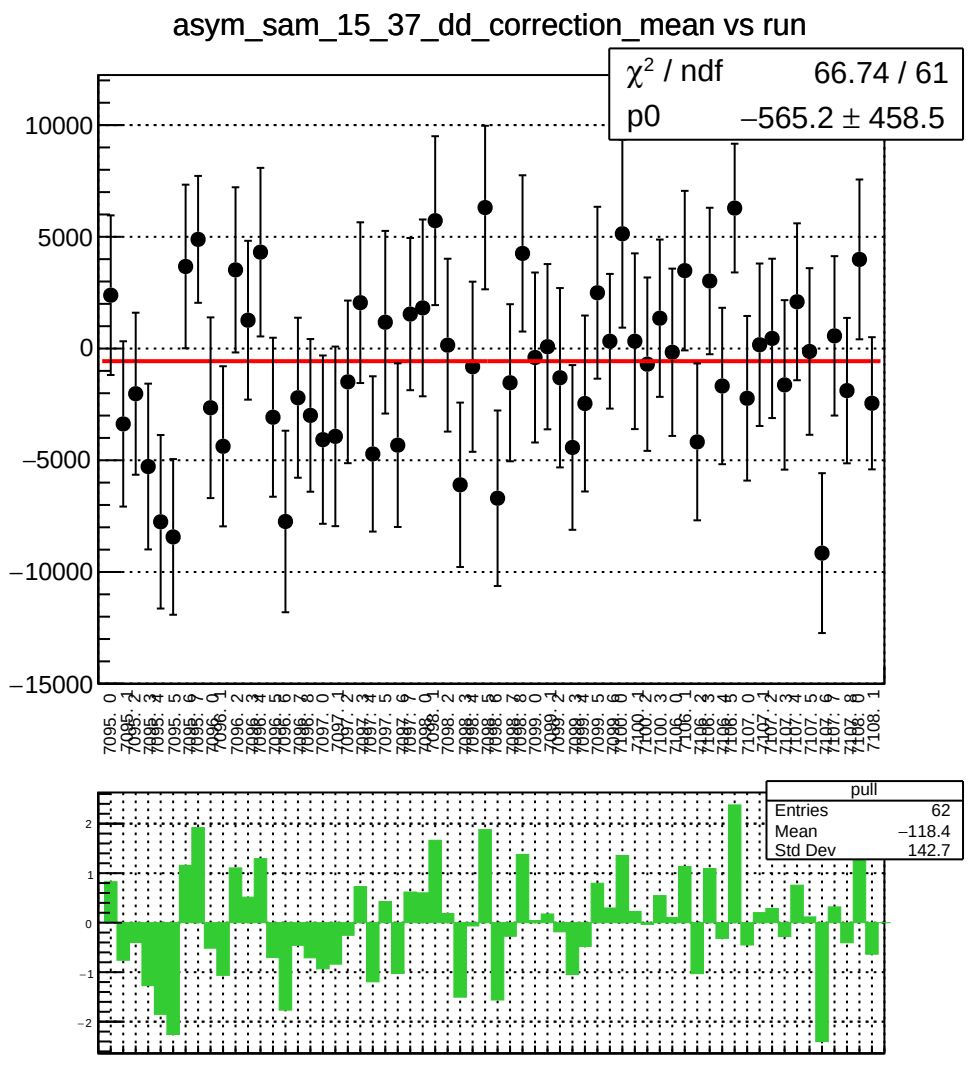

pull1D
Entries 62
Mean −0.02099
Std Dev 1.058
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

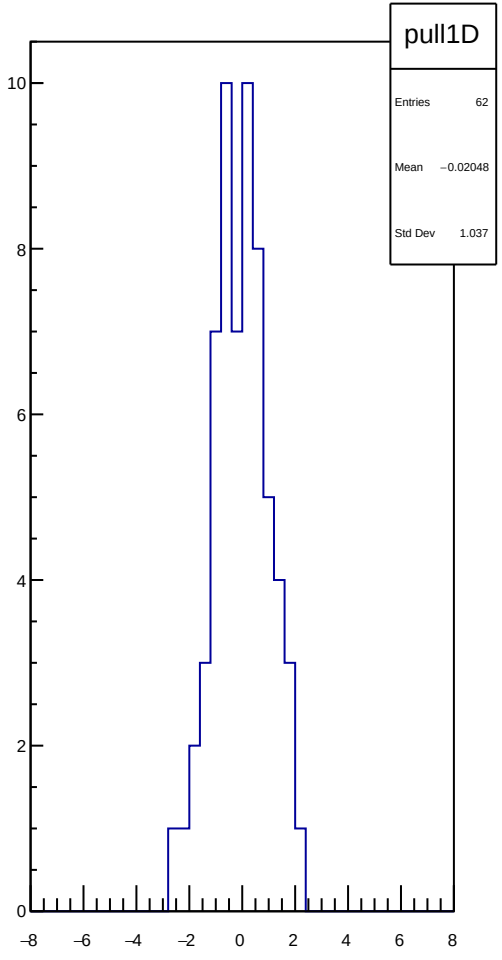

asym_sam_13_57_dd_rms vs run
χ² / ndf 2674 / 61
p0 342.1 ± 0.3161
400
380
360
340
320
300
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7108. 0
7108. 1

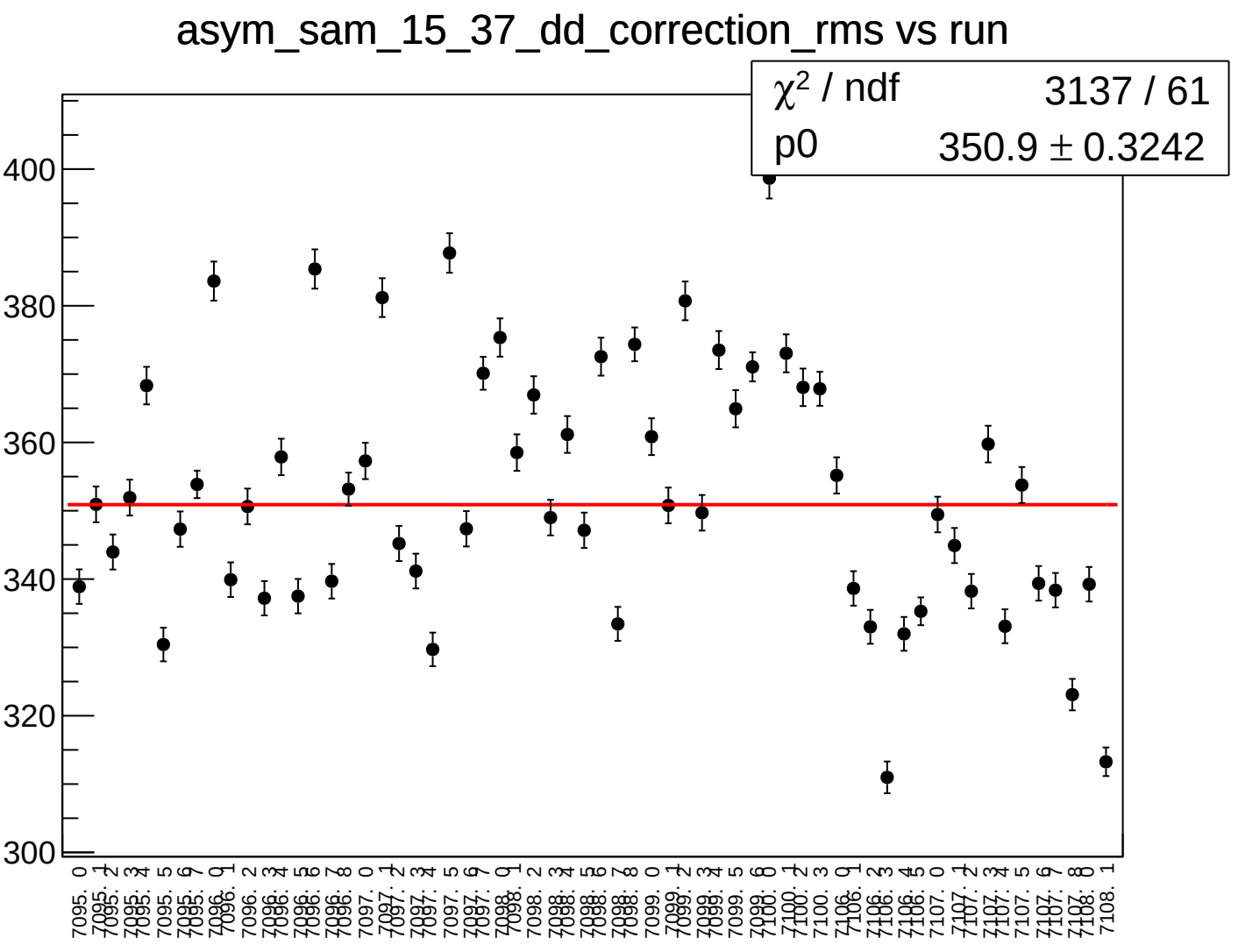

dit_asym_sam_15_37_dd_mean vs run
χ² / ndf 87.06 / 61
p0 4.587 ± 59.67
2000
1000
0
−1000
−2000
pull
Entries 62
Mean 37.89
Std Dev 47.17
2
1
0
−1
−2
−3
−4

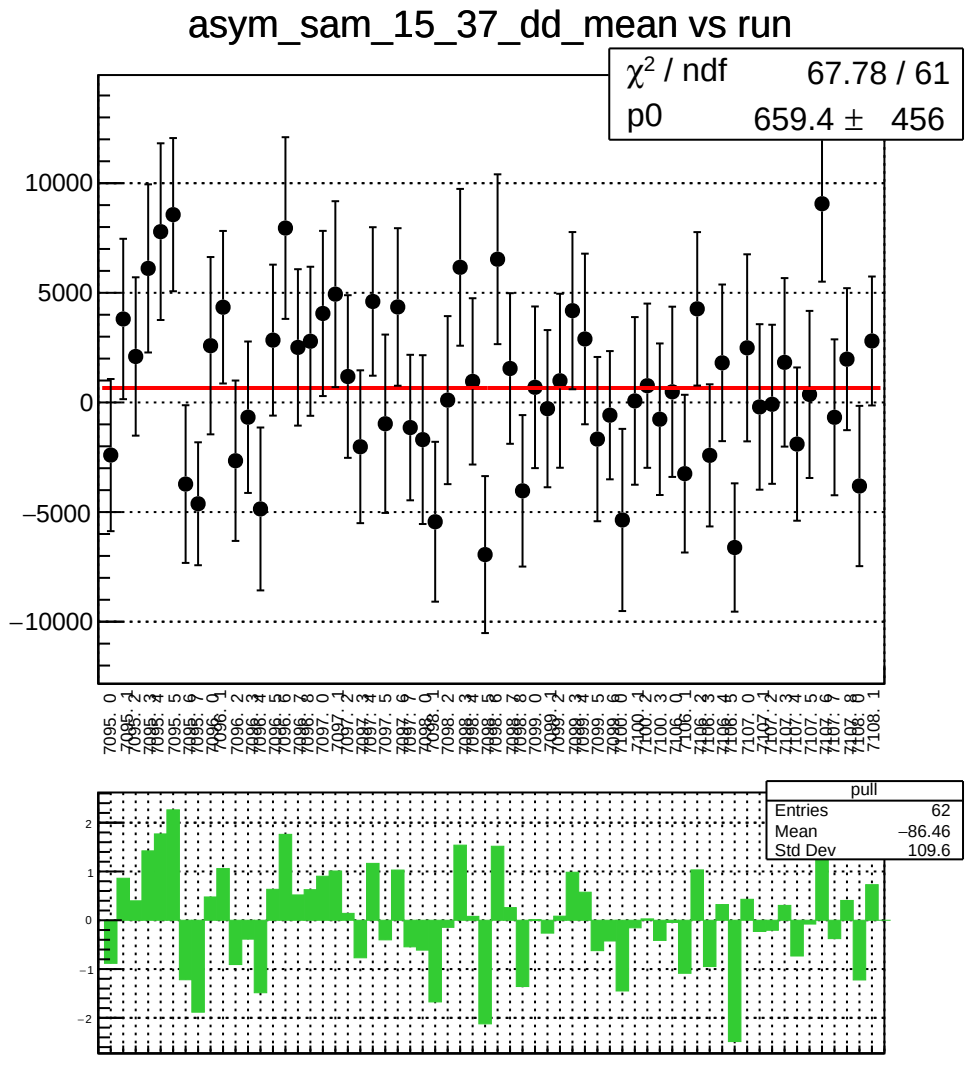

pull1D
Entries 62
Mean 0.01207
Std Dev 1.185
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

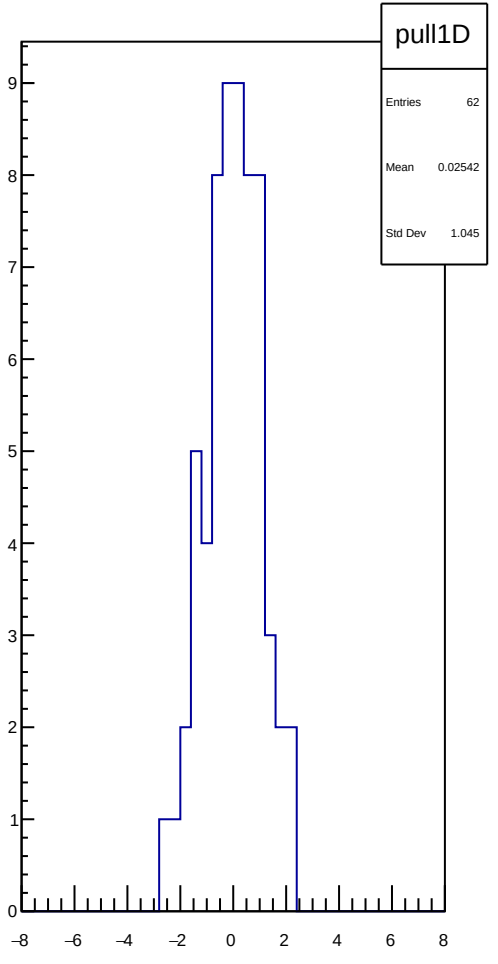

dit_asym_sam_15_37_dd_rms vs run
χ² / ndf 1.188e+04 / 61
p0 45.49 ± 0.04219
100
90
80
70
60
50
40
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

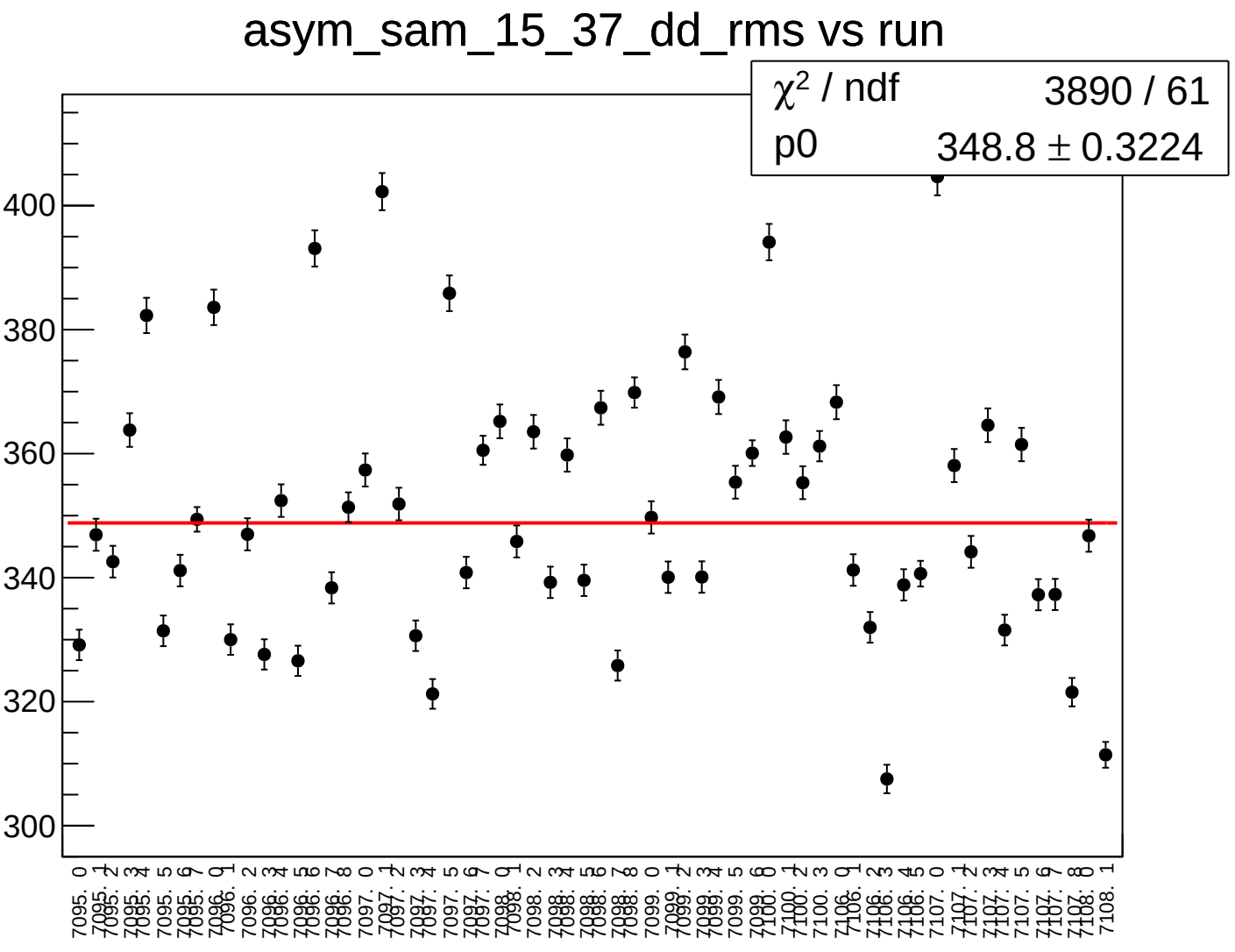

asym_sam_15_37_dd_correction_mean vs run
χ² / ndf 66.74 / 61
p0 −565.2 ± 458.5
pull
Entries 62
Mean −118.4
Std Dev 142.7

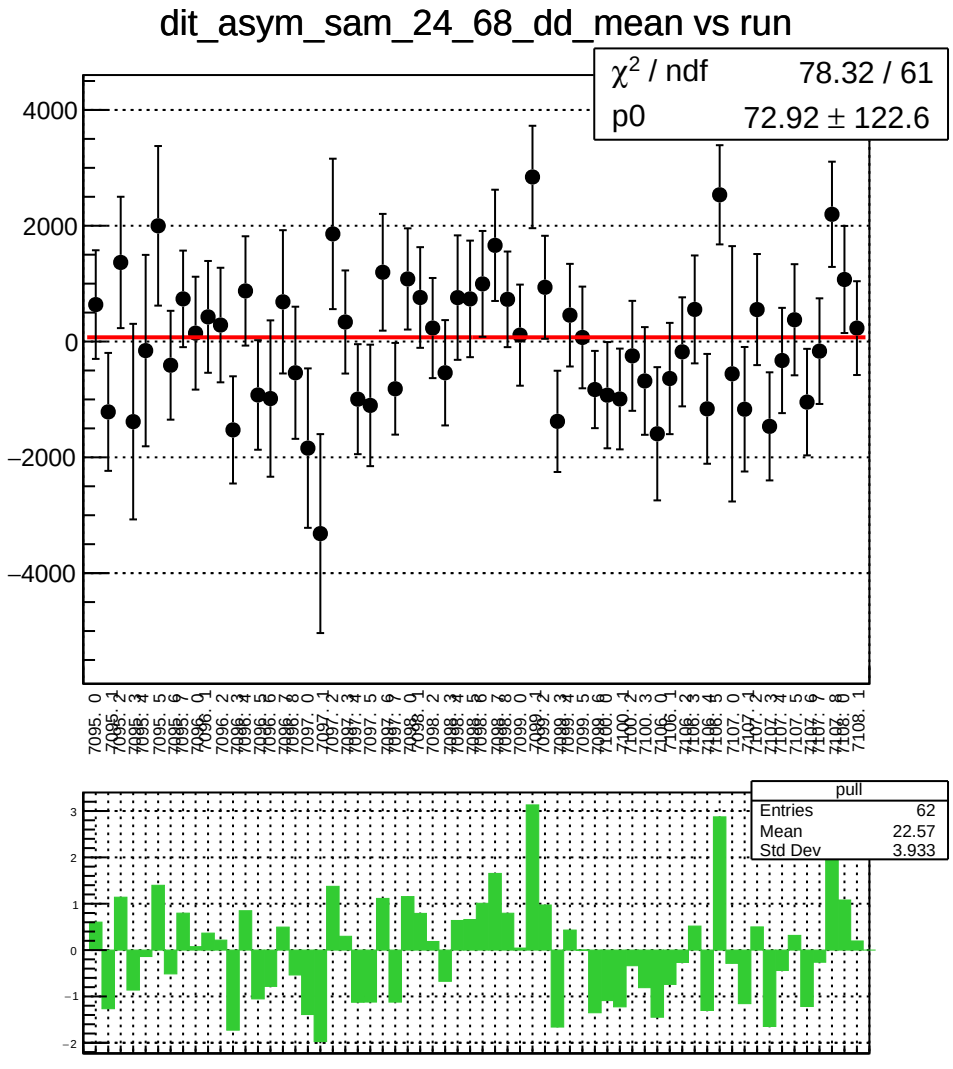

pull1D
Entries 62
Mean −0.02048
Std Dev 1.037

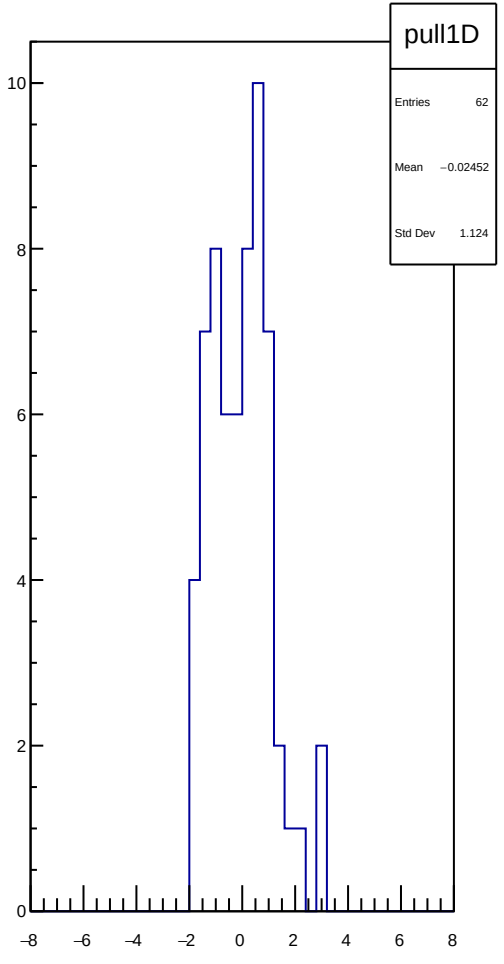

asym_sam_15_37_dd_correction_rms vs run
χ² / ndf 3137 / 61
p0 350.9 ± 0.3242
400
380
360
340
320
300
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 8
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7108. 0
7108. 1

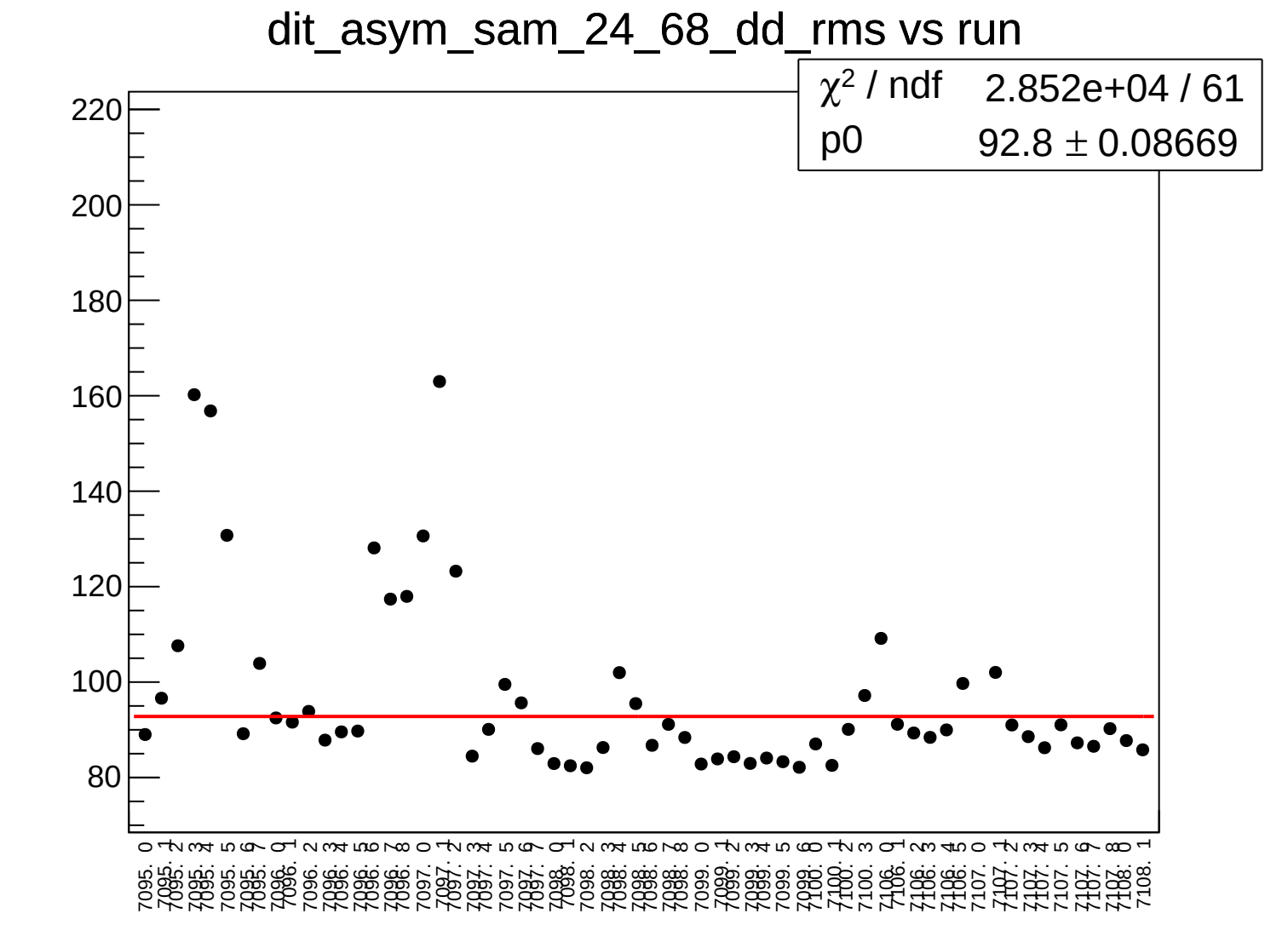

asym_sam_15_37_dd_mean vs run
χ² / ndf 67.78 / 61
p0 659.4 ± 456
10000
5000
0
−5000
−10000
pull
Entries 62
Mean −86.46
Std Dev 109.6
2
1
0
−1
−2

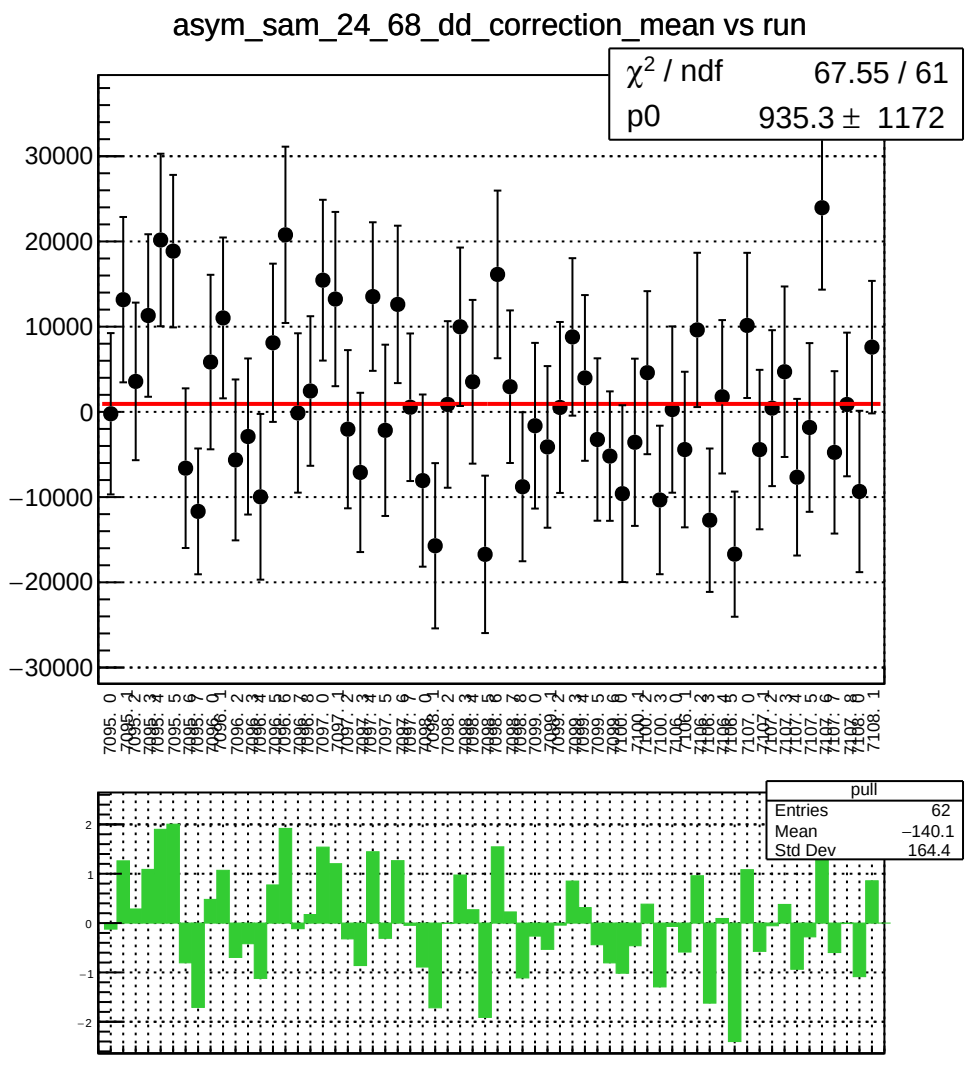

pull1D
Entries 62
Mean 0.02542
Std Dev 1.045
9
8
7
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

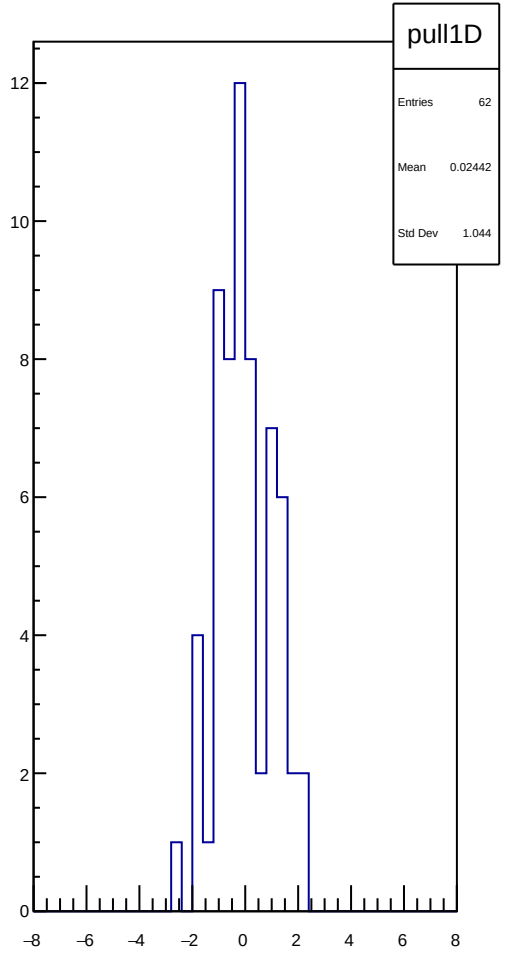

asym_sam_15_37_dd_rms vs run
χ² / ndf 3890 / 61
p0 348.8 ± 0.3224
400
380
360
340
320
300

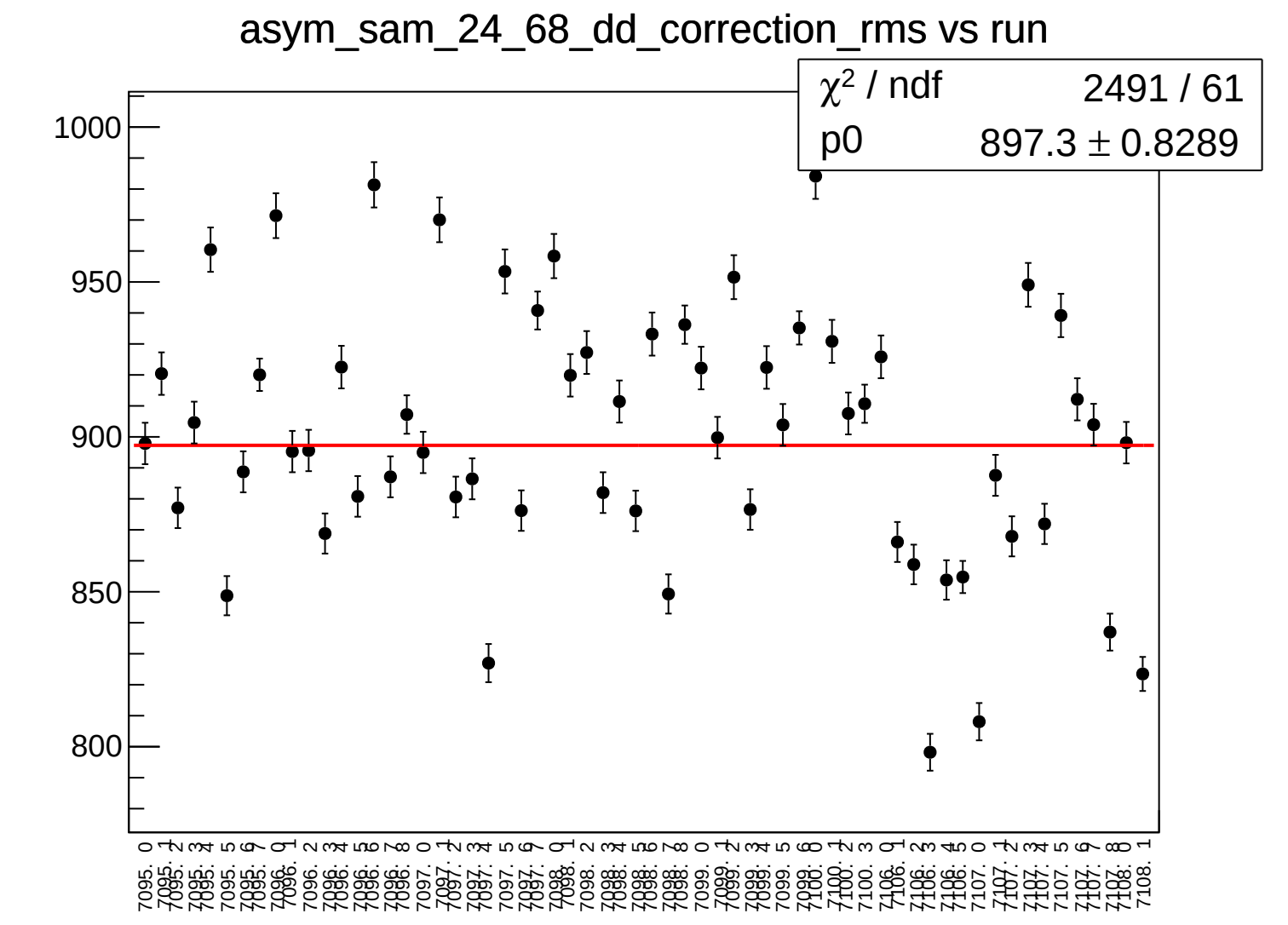

dit_asym_sam_24_68_dd_mean vs run
χ² / ndf 78.32 / 61
p0 72.92 ± 122.6
4000
2000
0
−2000
−4000
pull
Entries 62
Mean 22.57
Std Dev 3.933
3
2
1
0
−1
−2

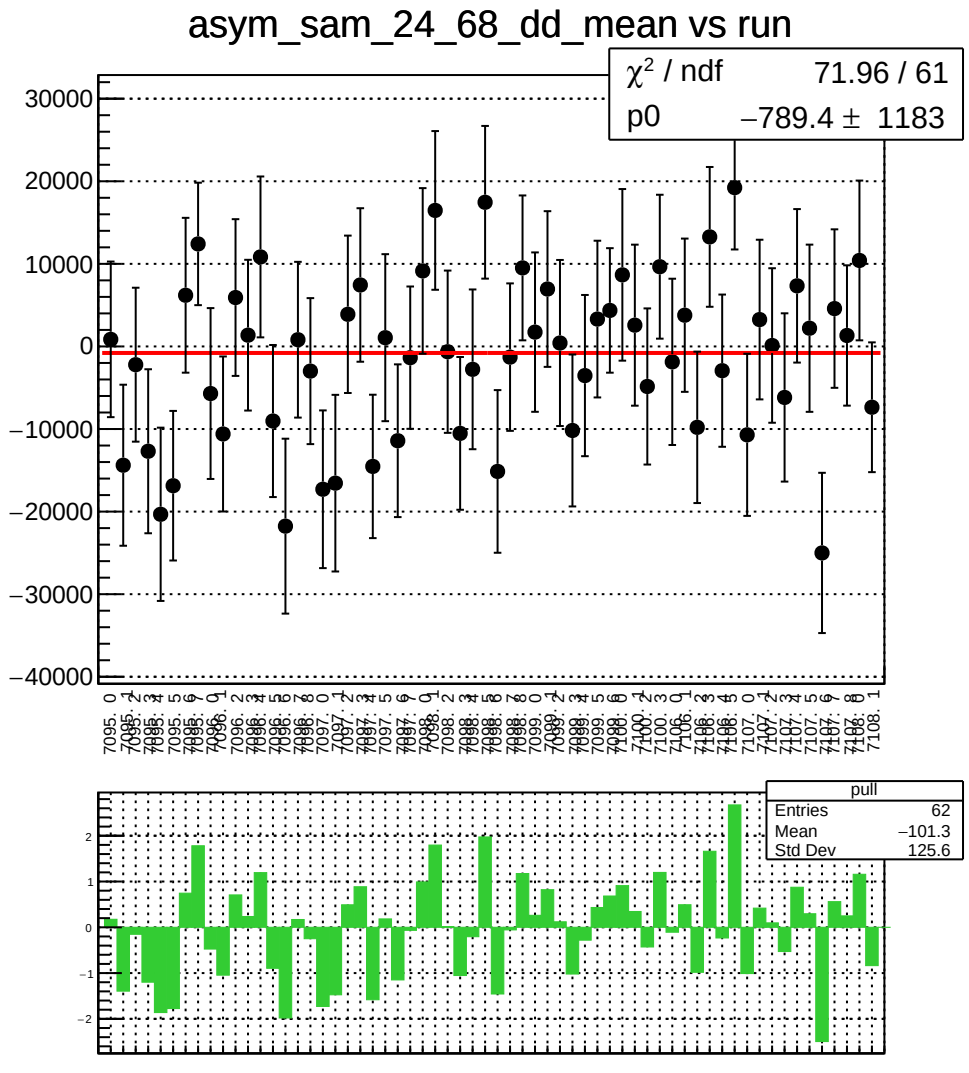

pull1D
Entries 62
Mean −0.02452
Std Dev 1.124
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

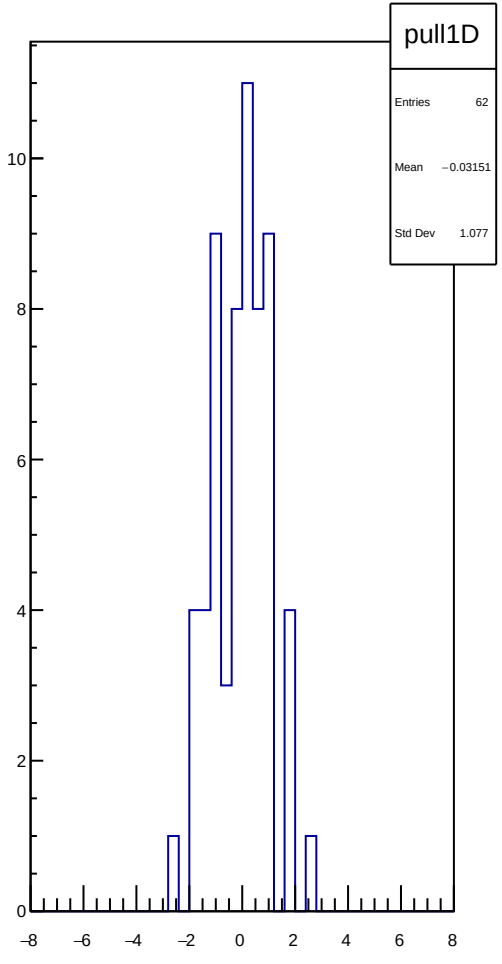

dit_asym_sam_24_68_dd_rms vs run
χ² / ndf 2.852e+04 / 61
p0 92.8 ± 0.08669
220
200
180
160
140
120
100
80
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

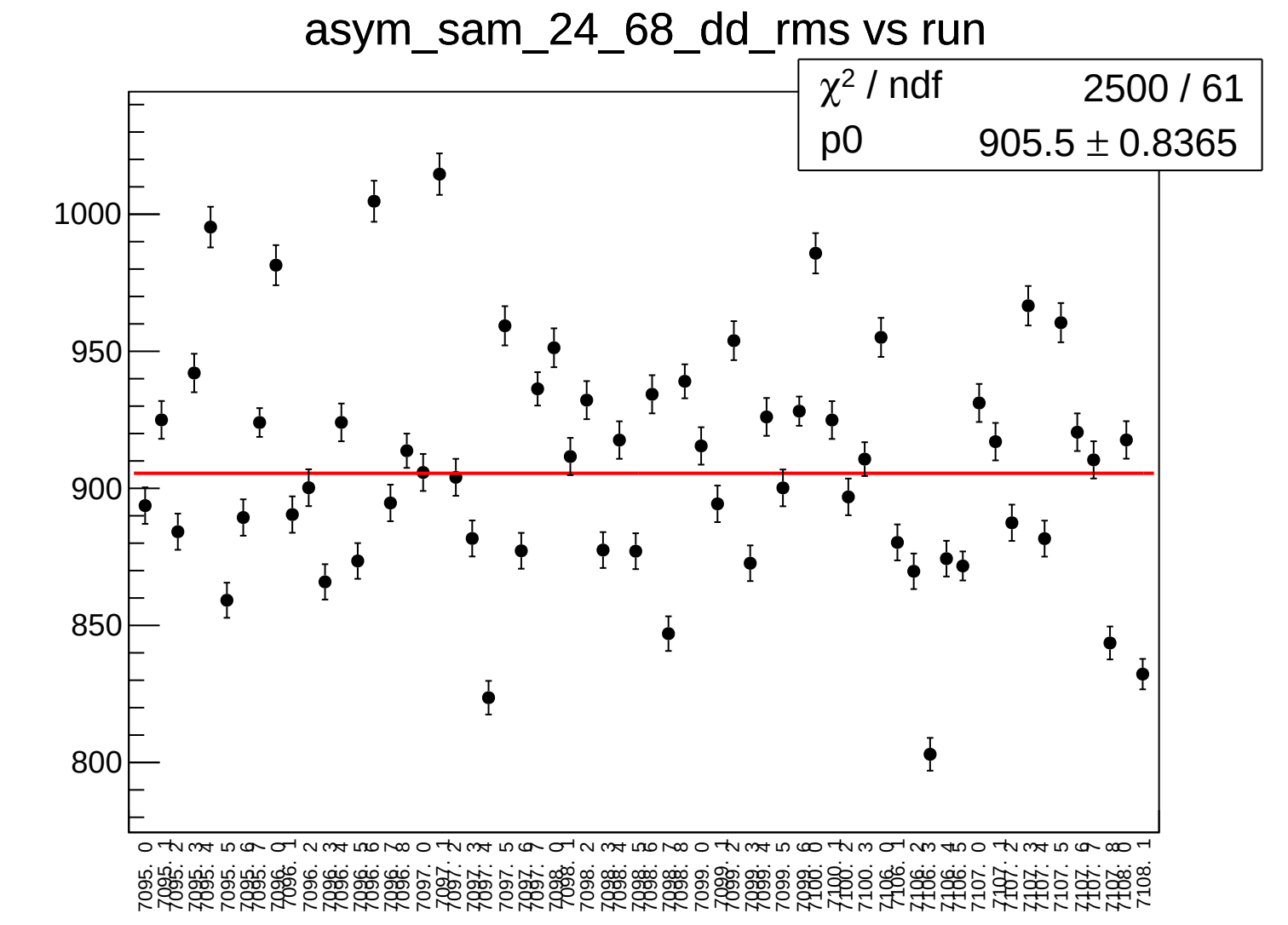

asym_sam_24_68_dd_correction_mean vs run
χ² / ndf 67.55 / 61
p0 935.3 ± 1172
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 62
Mean −140.1
Std Dev 164.4
2
1
0
−1
−2

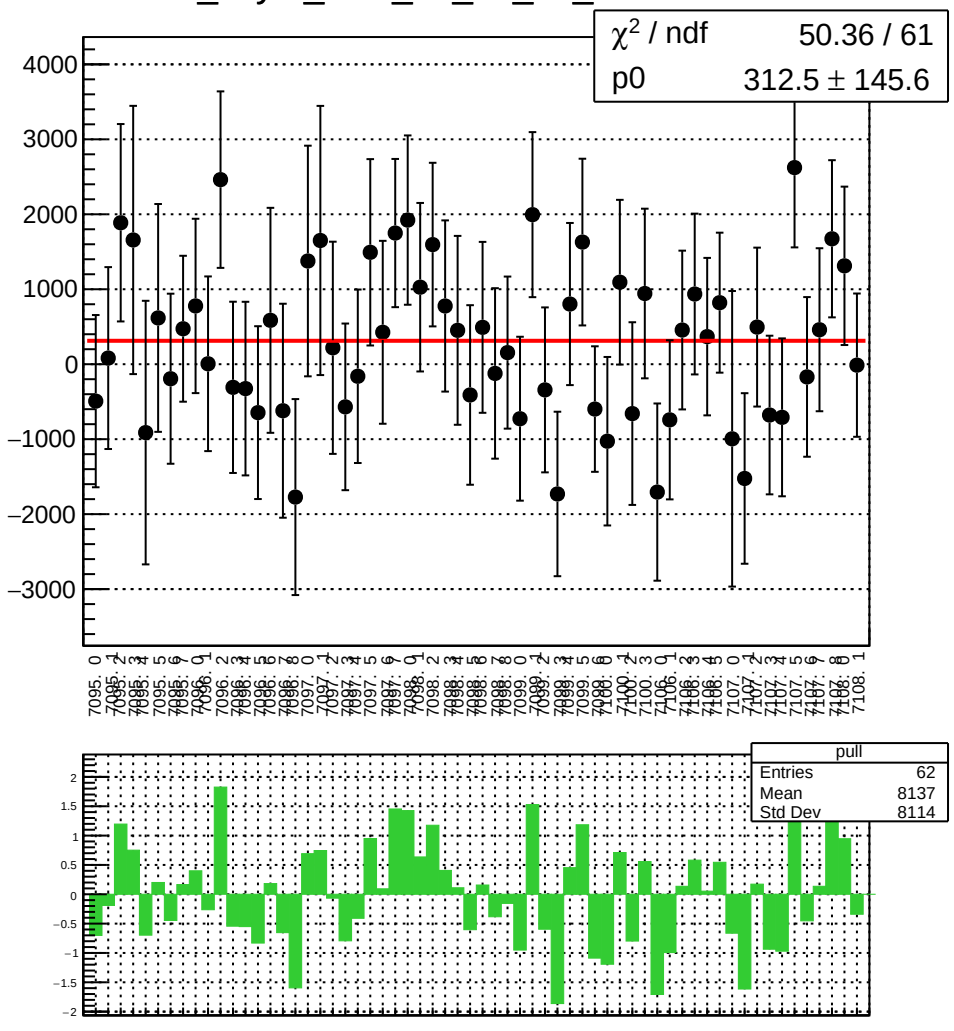

pull1D
Entries 62
Mean 0.02442
Std Dev 1.044
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

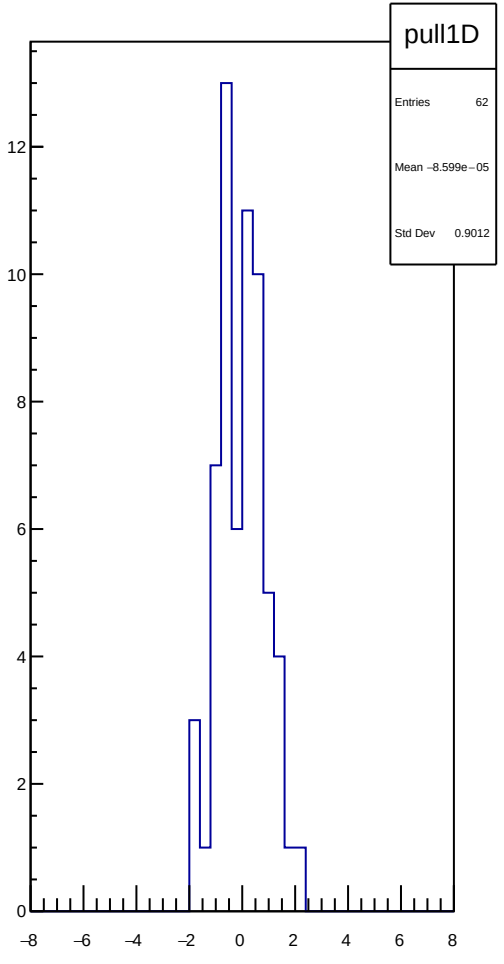

asym_sam_24_68_dd_correction_rms vs run
χ² / ndf 2491 / 61
p0 897.3 ± 0.8289
1000
950
900
850
800

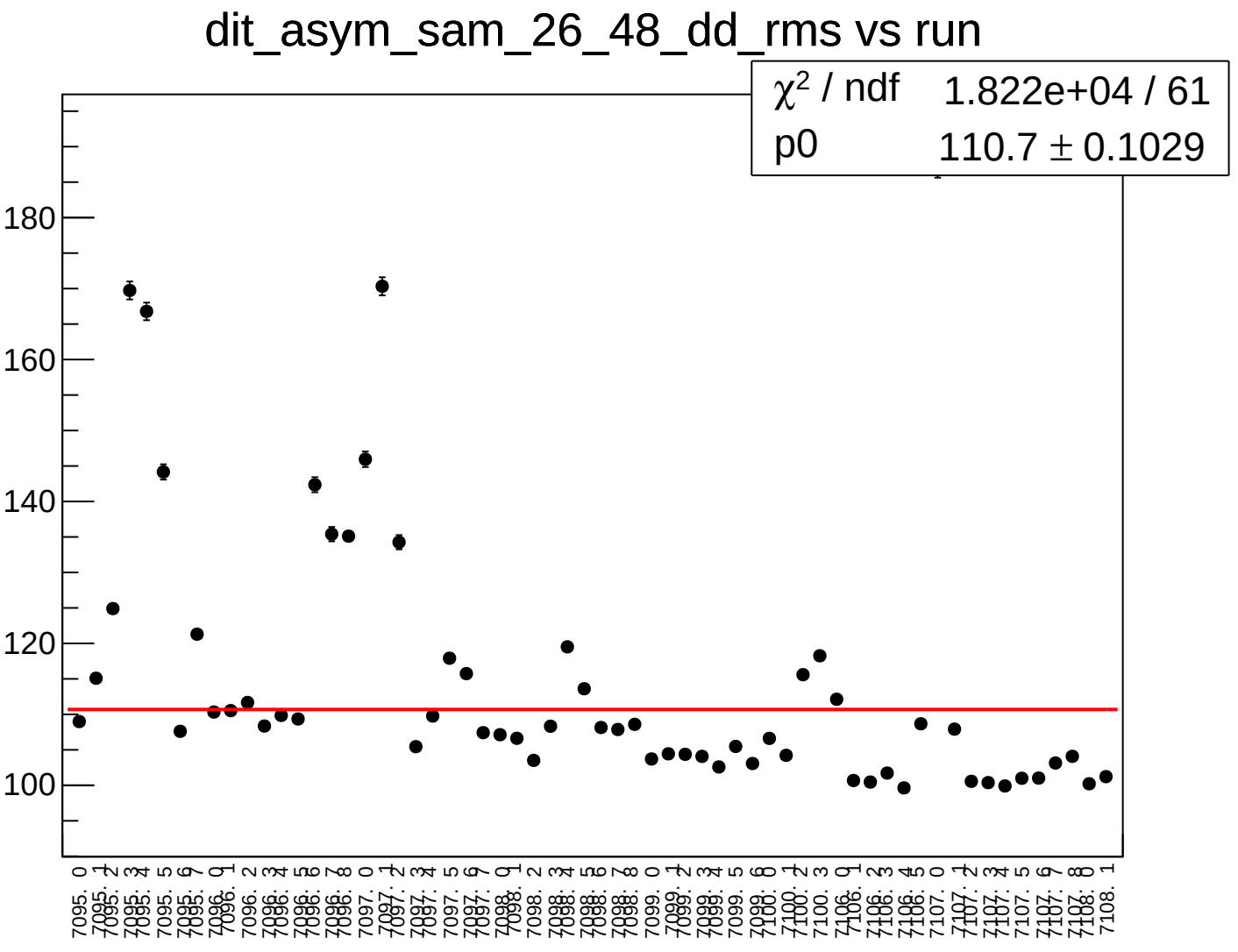

asym_sam_24_68_dd_mean vs run
χ² / ndf 71.96 / 61
p0 −789.4 ± 1183
pull
Entries 62
Mean −101.3
Std Dev 125.6

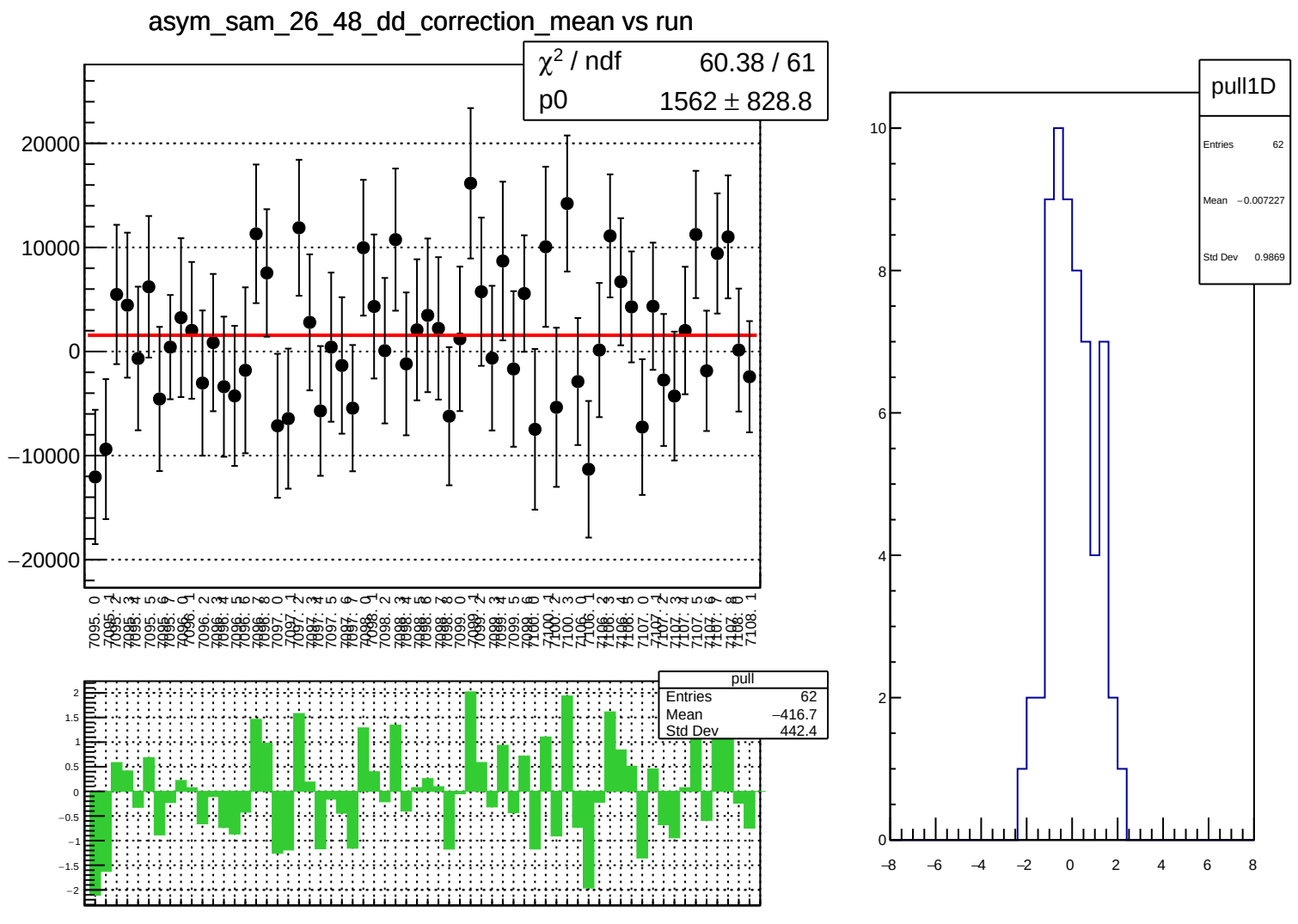

pull1D
Entries 62
Mean −0.03151
Std Dev 1.077

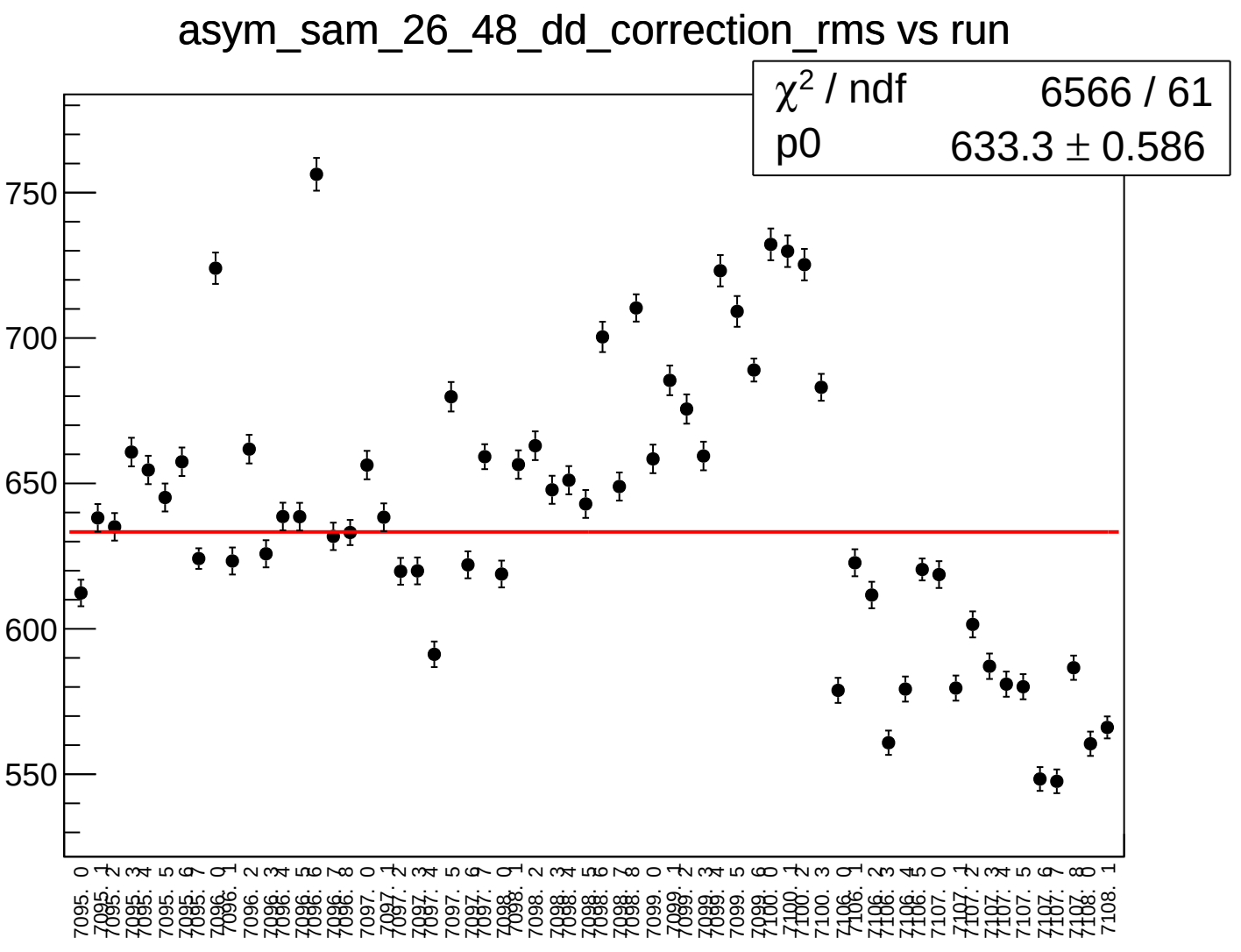

asym_sam_24_68_dd_rms vs run
χ² / ndf 2500 / 61
p0 905.5 ± 0.8365
1000
950
900
850
800
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

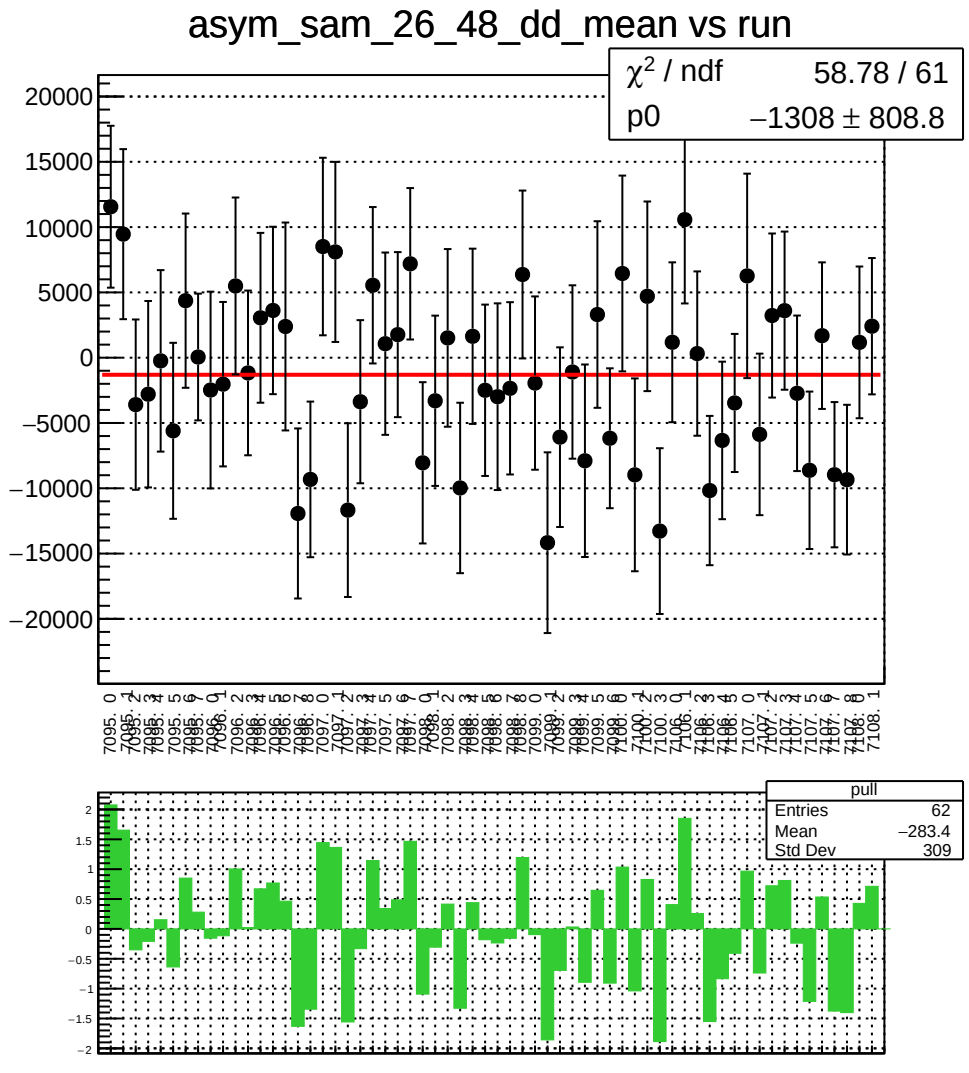

dit_asym_sam_26_48_dd_mean vs run
χ^2 / ndf 50.36 / 61
p0 312.5 ± 145.6
pull
Entries 62
Mean 8137
Std Dev 8114

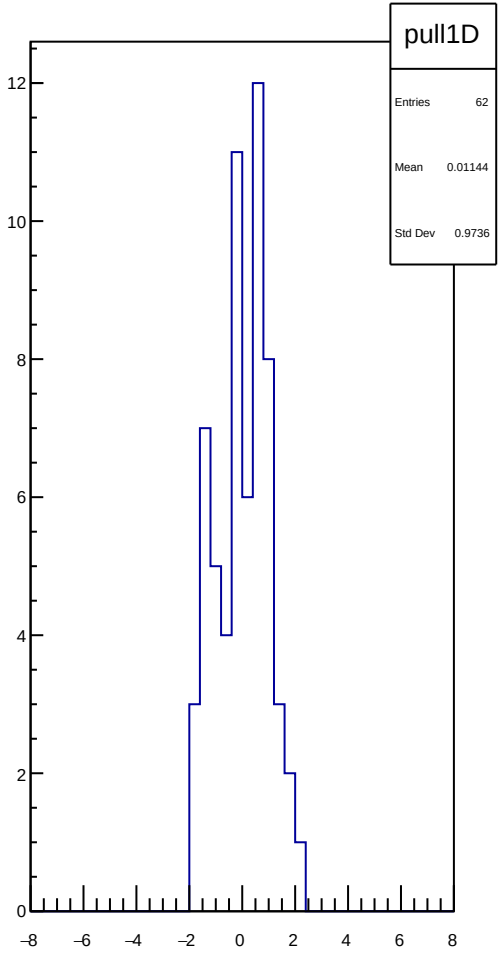

pull1D
Entries 62
Mean −8.599e−05
Std Dev 0.9012

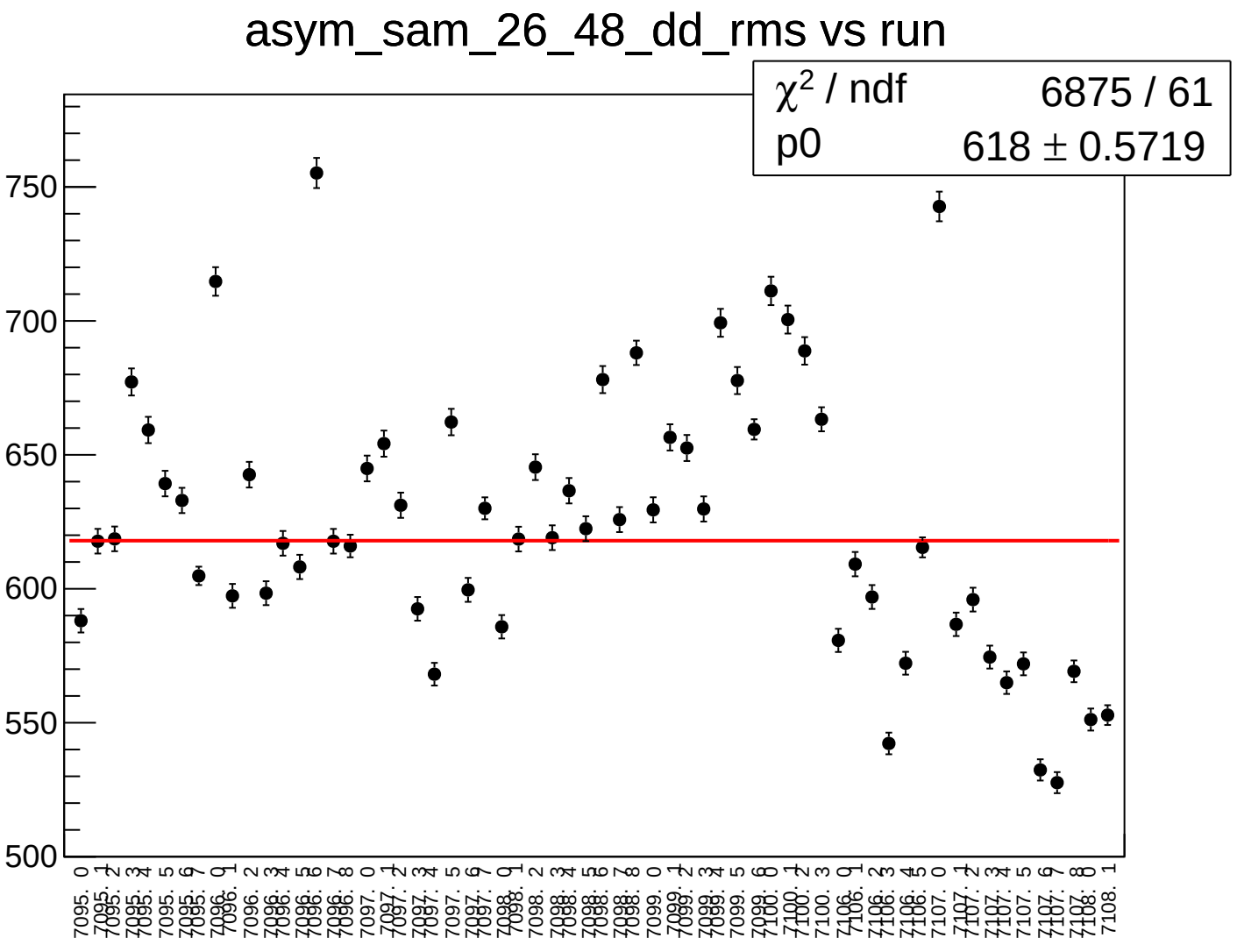

dit_asym_sam_26_48_dd_rms vs run
χ² / ndf 1.822e+04 / 61
p0 110.7 ± 0.1029
180
160
140
120
100

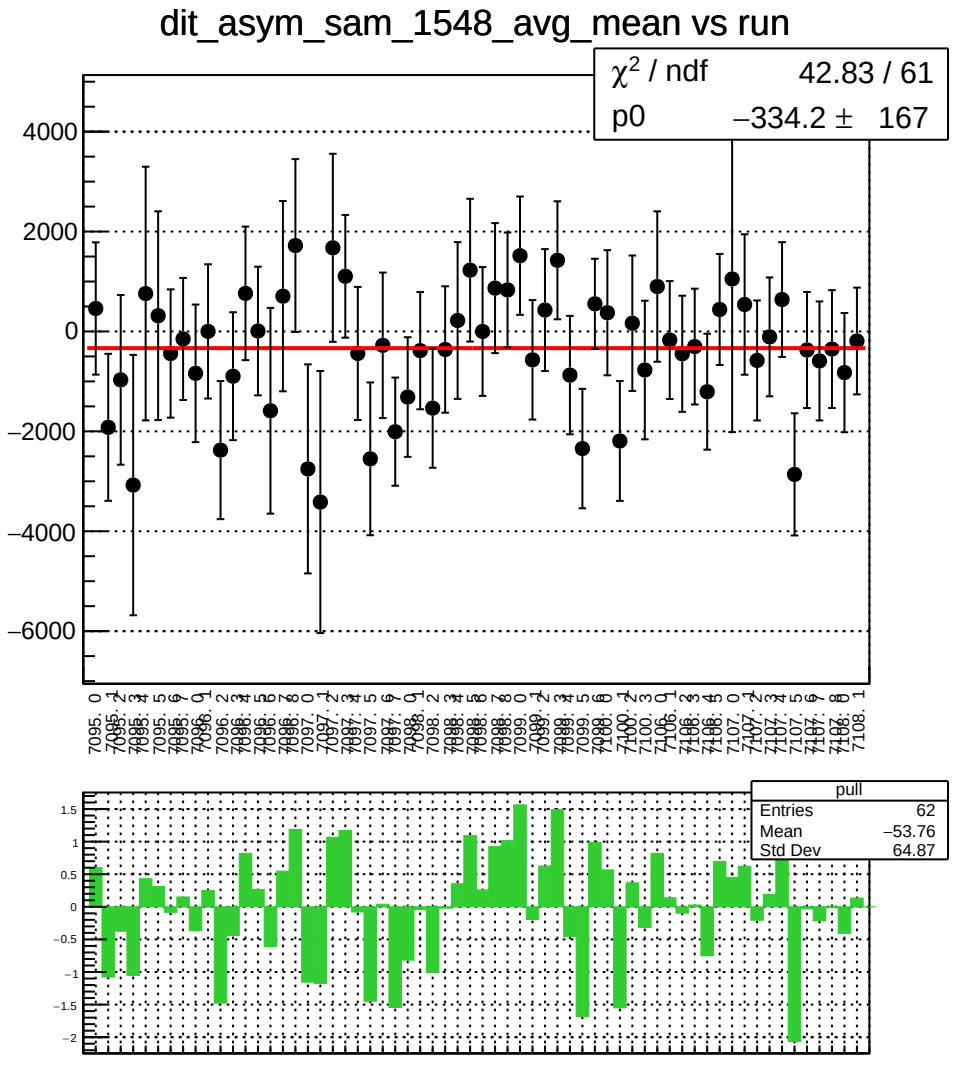

asym_sam_26_48_dd_correction_mean vs run
χ² / ndf 60.38 / 61
p0 1562 ± 828.8
20000
10000
0
−10000
−20000
pull
Entries 62
Mean −416.7
Std Dev 442.4
pull1D
Entries 62
Mean −0.007227
Std Dev 0.9869

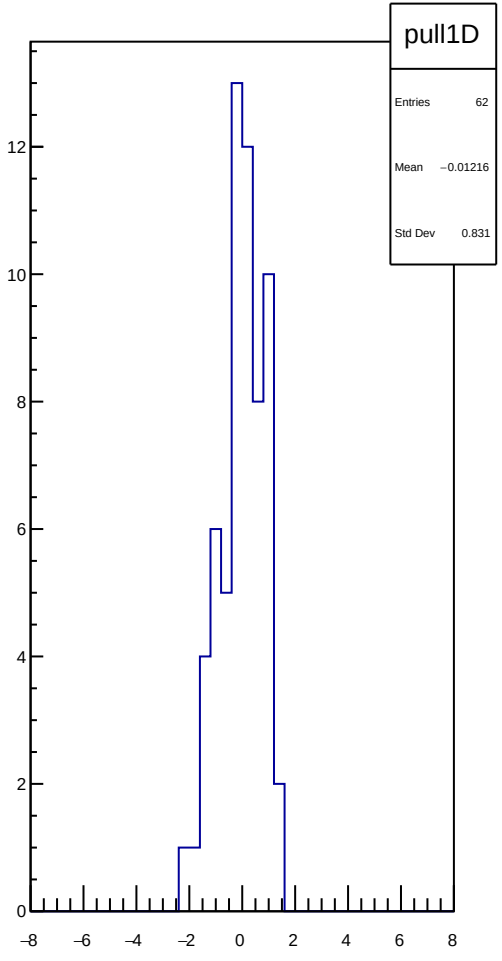

asym_sam_26_48_dd_correction_rms vs run
χ² / ndf 6566 / 61
p0 633.3 ± 0.586
750
700
650
600
550
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7108. 0
7108. 1

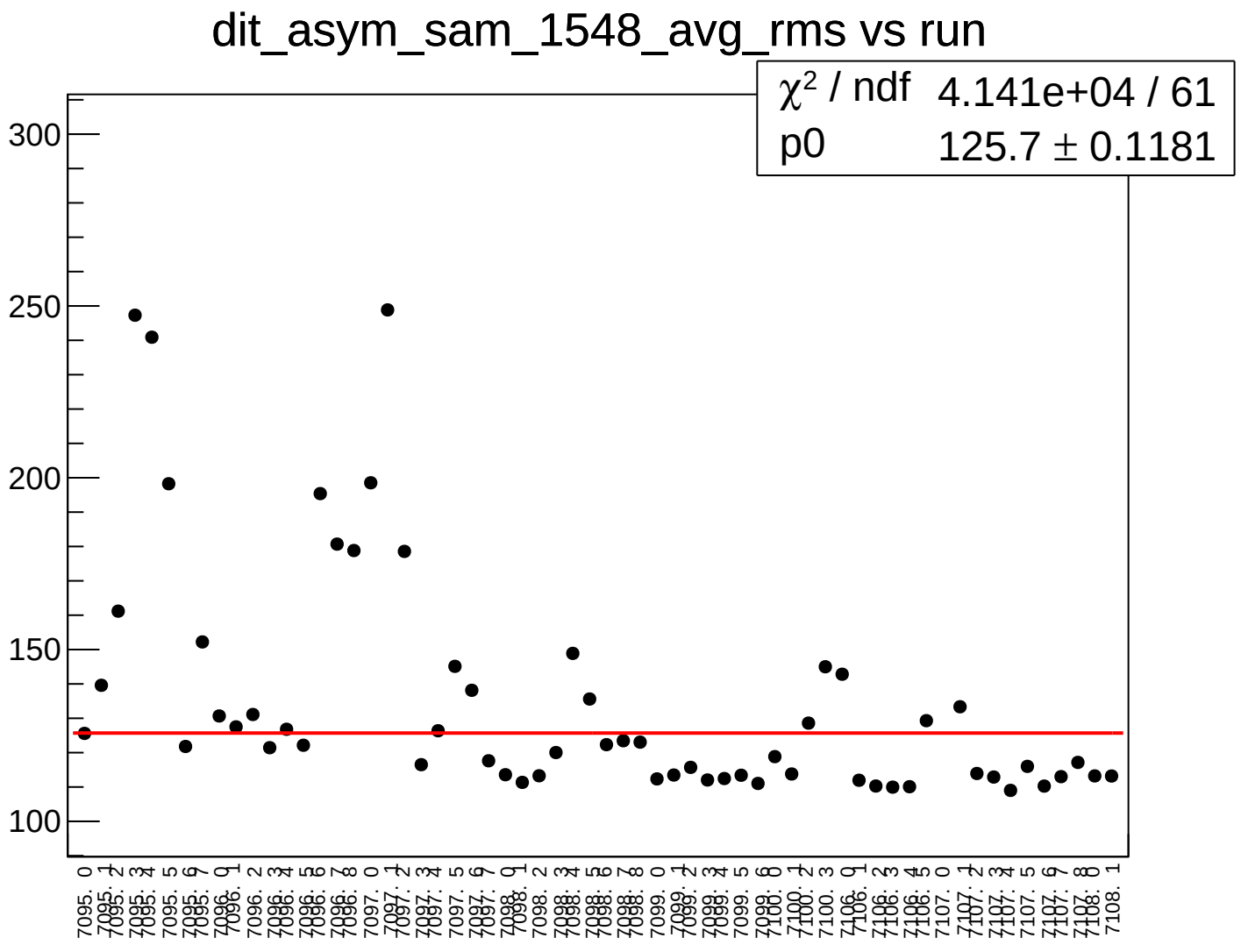

asym_sam_26_48_dd_mean vs run
χ² / ndf 58.78 / 61
p0 −1308 ± 808.8
pull
Entries 62
Mean −283.4
Std Dev 309

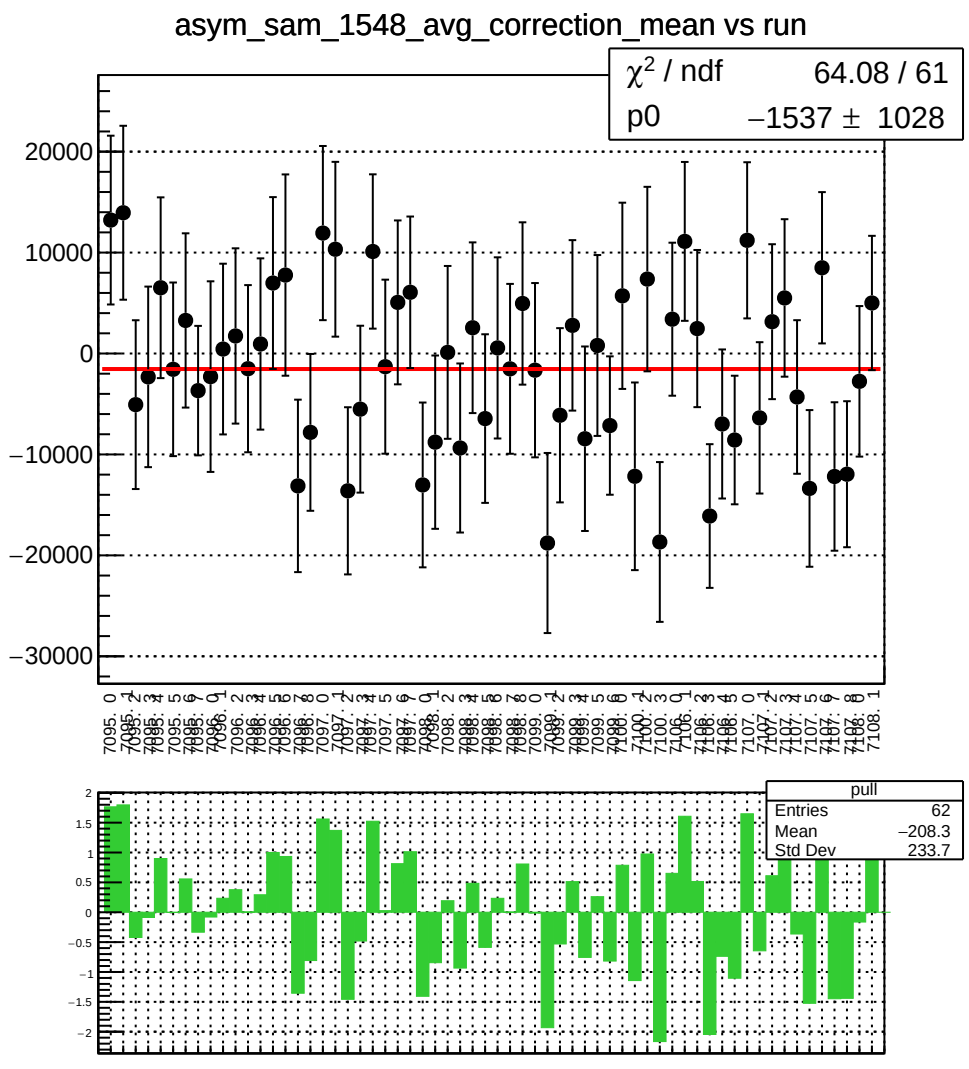

pull1D
Entries 62
Mean 0.01144
Std Dev 0.9736

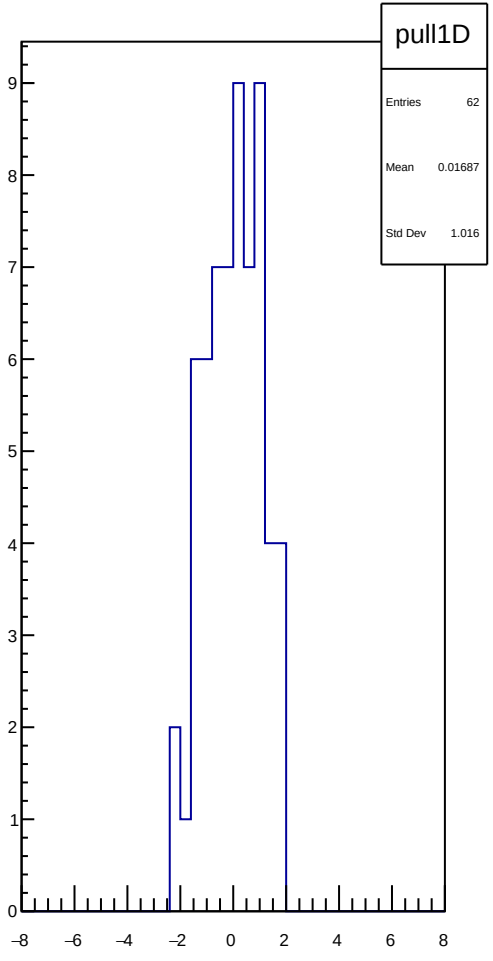

asym_sam_26_48_dd_rms vs run
χ² / ndf 6875 / 61
p0 618 ± 0.5719
750
700
650
600
550
500

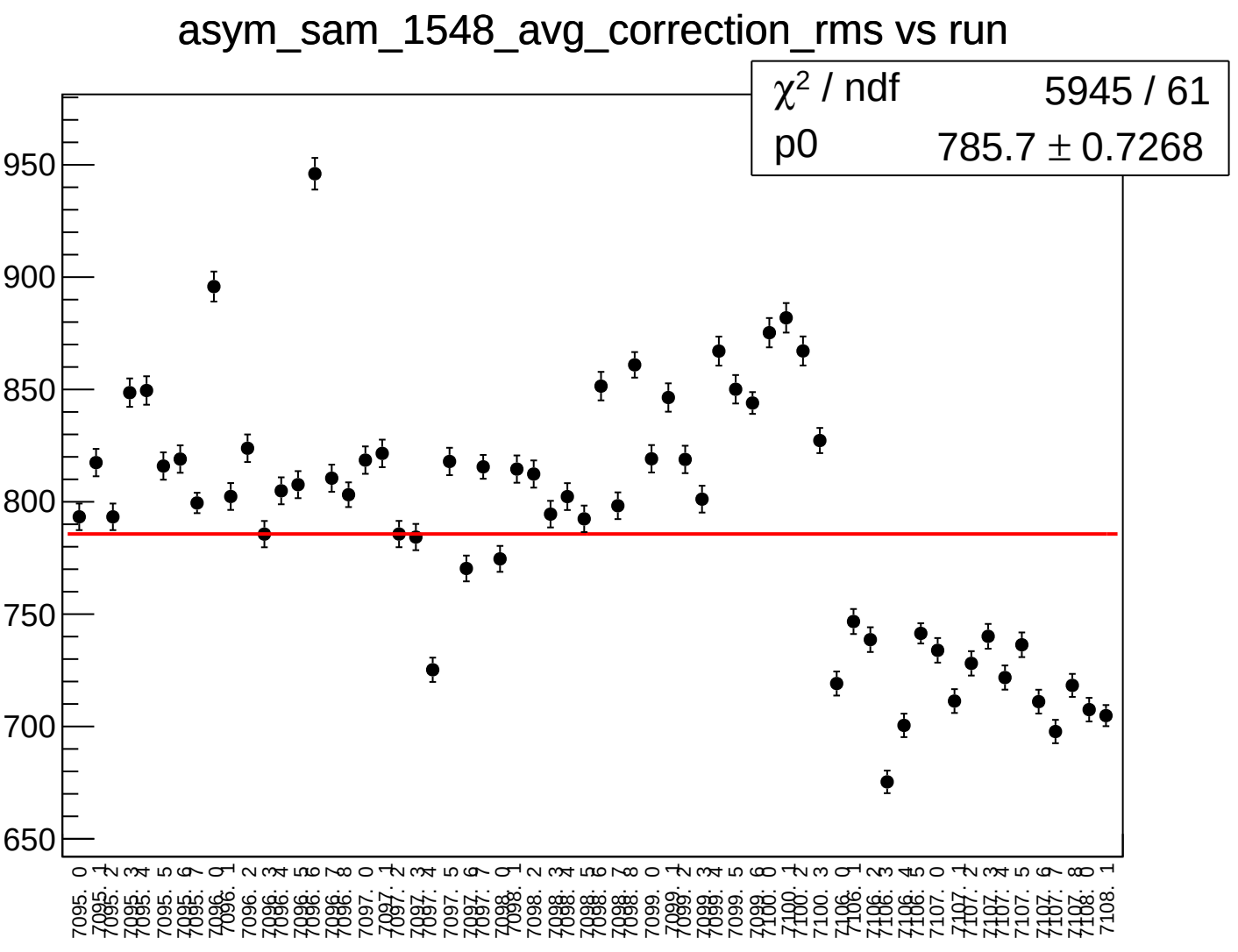

dit_asym_sam_1548_avg_mean vs run
χ² / ndf 42.83 / 61
p0 −334.2 ± 167
4000
2000
0
−2000
−4000
−6000
pull
Entries 62
Mean −53.76
Std Dev 64.87
1.5
1
0.5
0
−0.5
−1
−1.5
−2

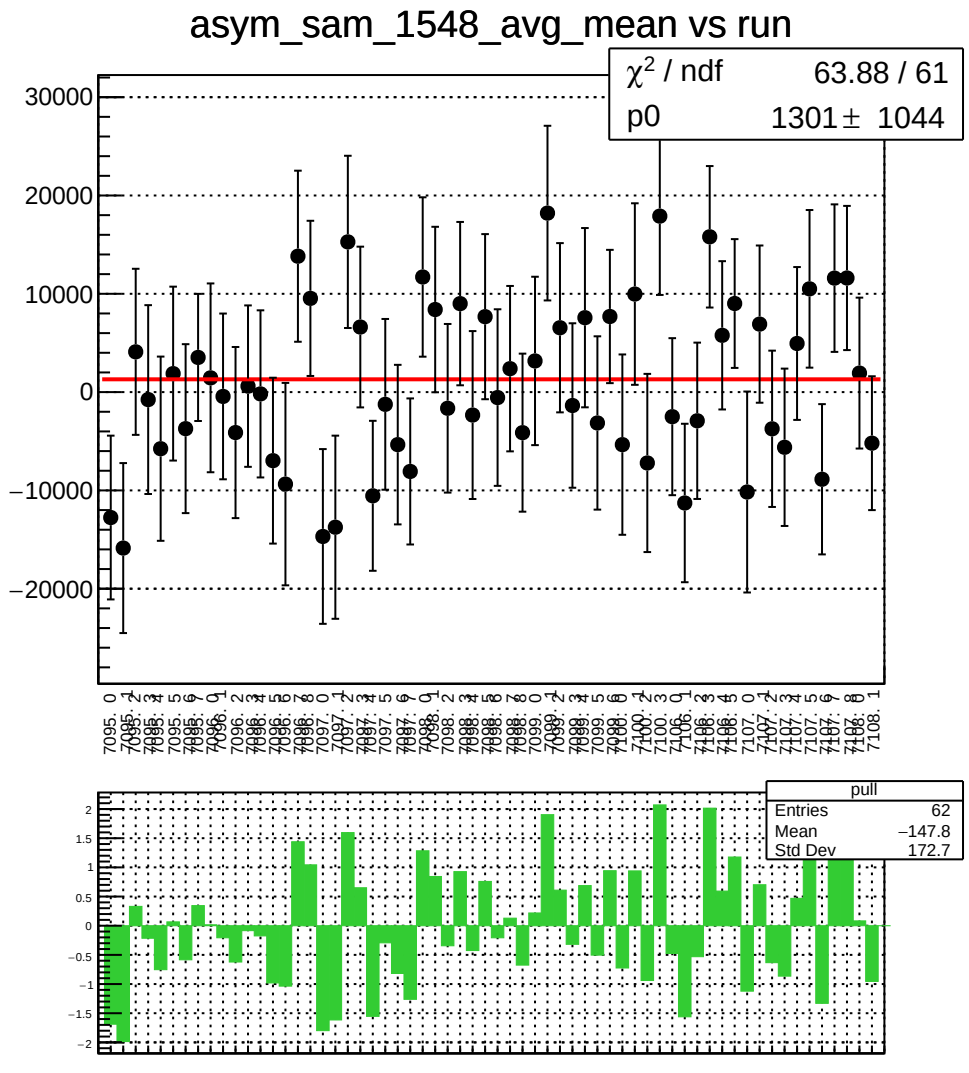

pull1D
Entries 62
Mean −0.01216
Std Dev 0.831
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

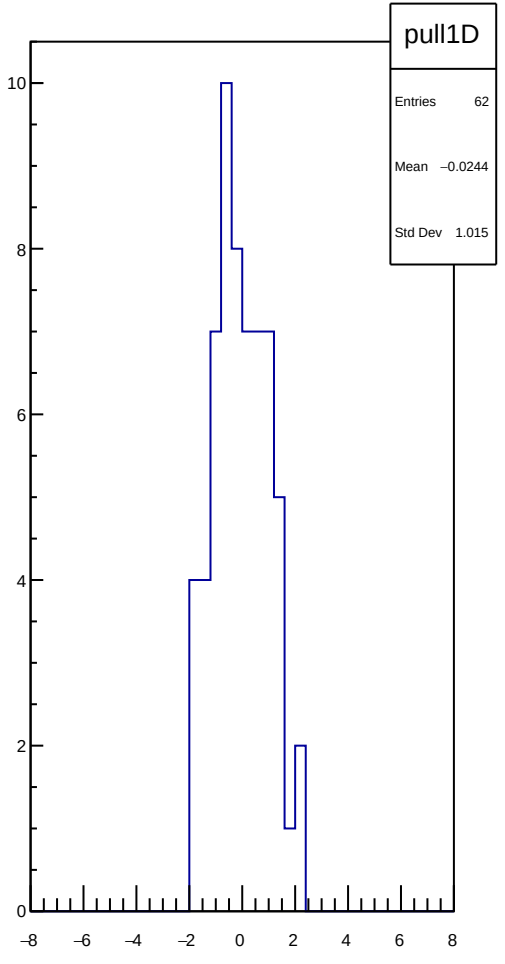

dit_asym_sam_1548_avg_rms vs run
χ² / ndf 4.141e+04 / 61
p0 125.7 ± 0.1181
300
250
200
150
100

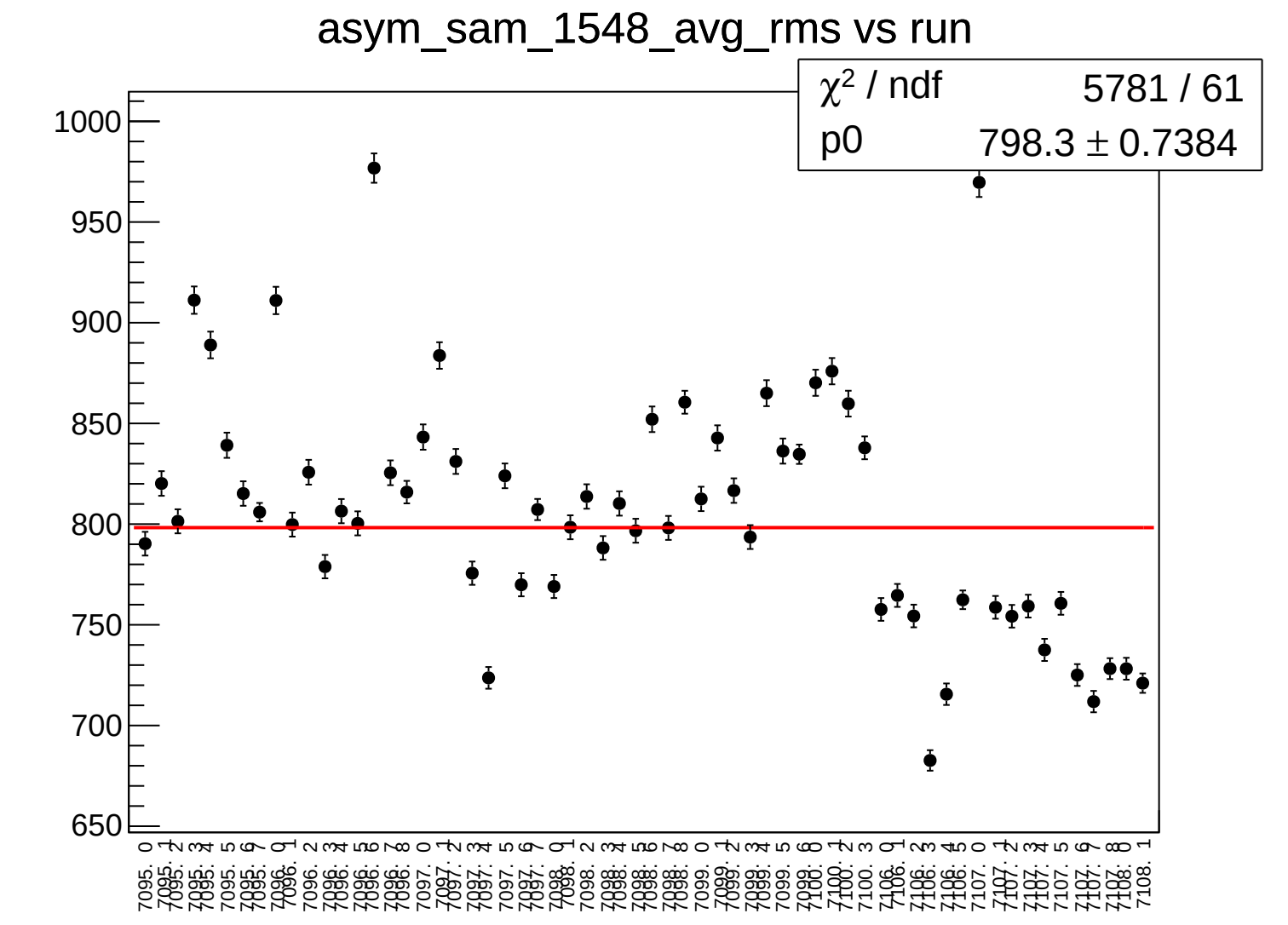

asym_sam_1548_avg_correction_mean vs run
χ² / ndf 64.08 / 61
p0 −1537 ± 1028
pull
Entries 62
Mean −208.3
Std Dev 233.7

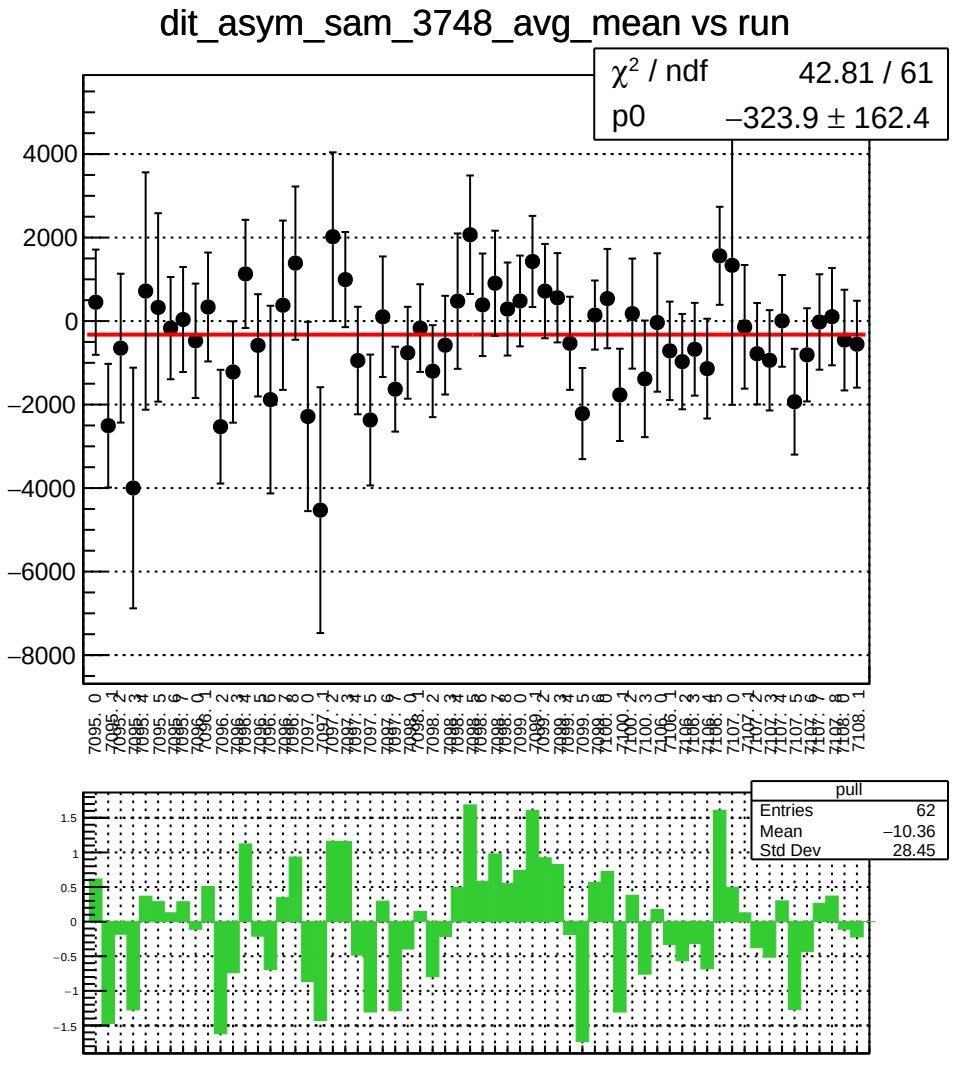

pull1D
Entries 62
Mean 0.01687
Std Dev 1.016

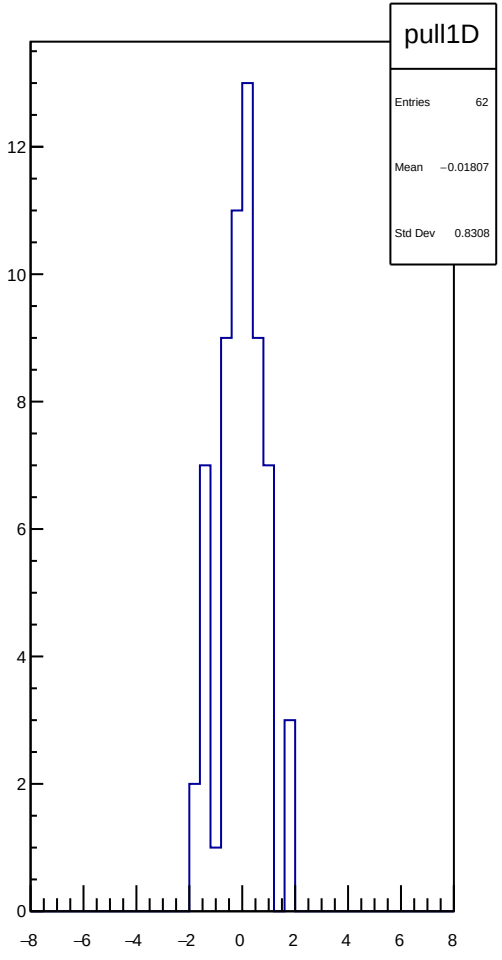

asym_sam_1548_avg_correction_rms vs run
χ² / ndf 5945 / 61
p0 785.7 ± 0.7268
950
900
850
800
750
700
650

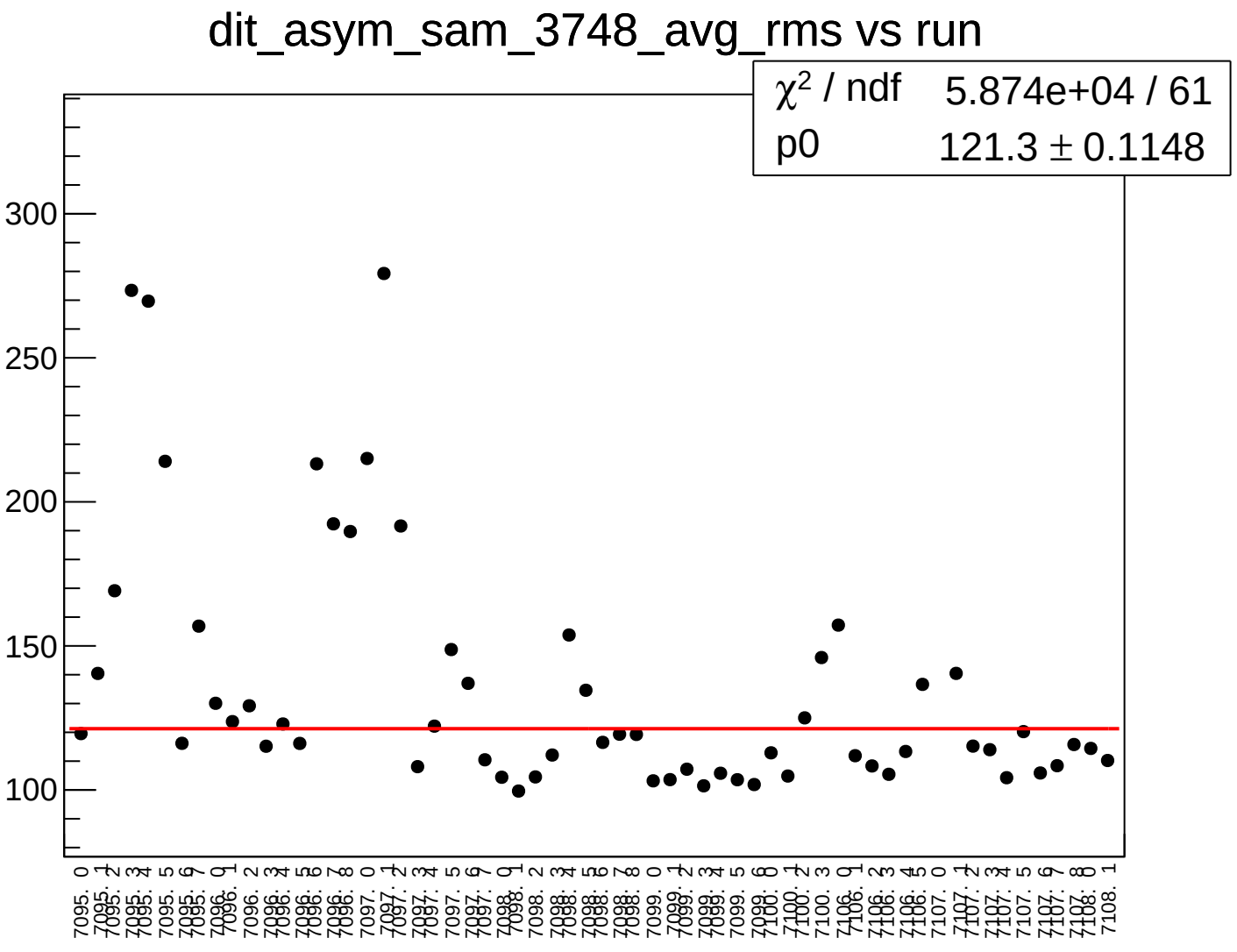

asym_sam_1548_avg_mean vs run
χ² / ndf 63.88 / 61
p0 1301 ± 1044
pull
Entries 62
Mean −147.8
Std Dev 172.7

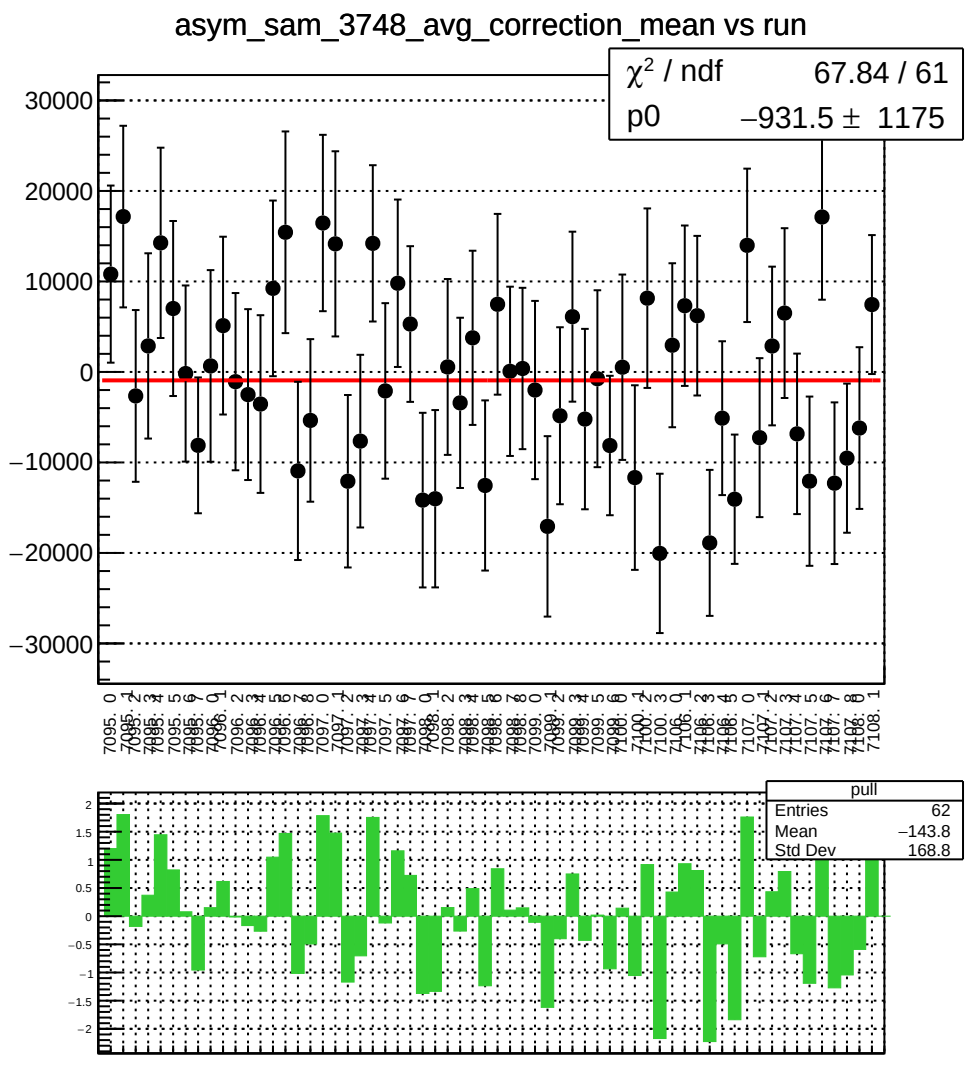

pull1D
Entries 62
Mean −0.0244
Std Dev 1.015

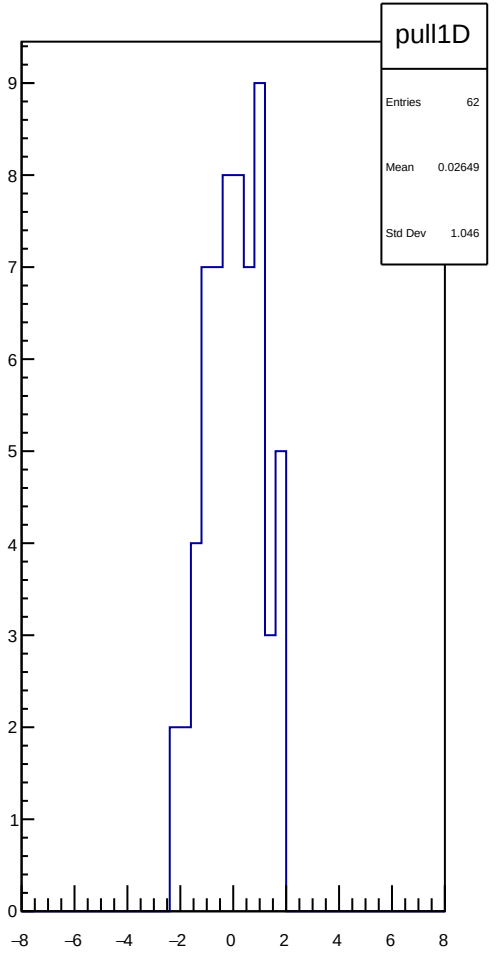

asym_sam_1548_avg_rms vs run
χ² / ndf 5781 / 61
p0 798.3 ± 0.7384
1000
950
900
850
800
750
700
650

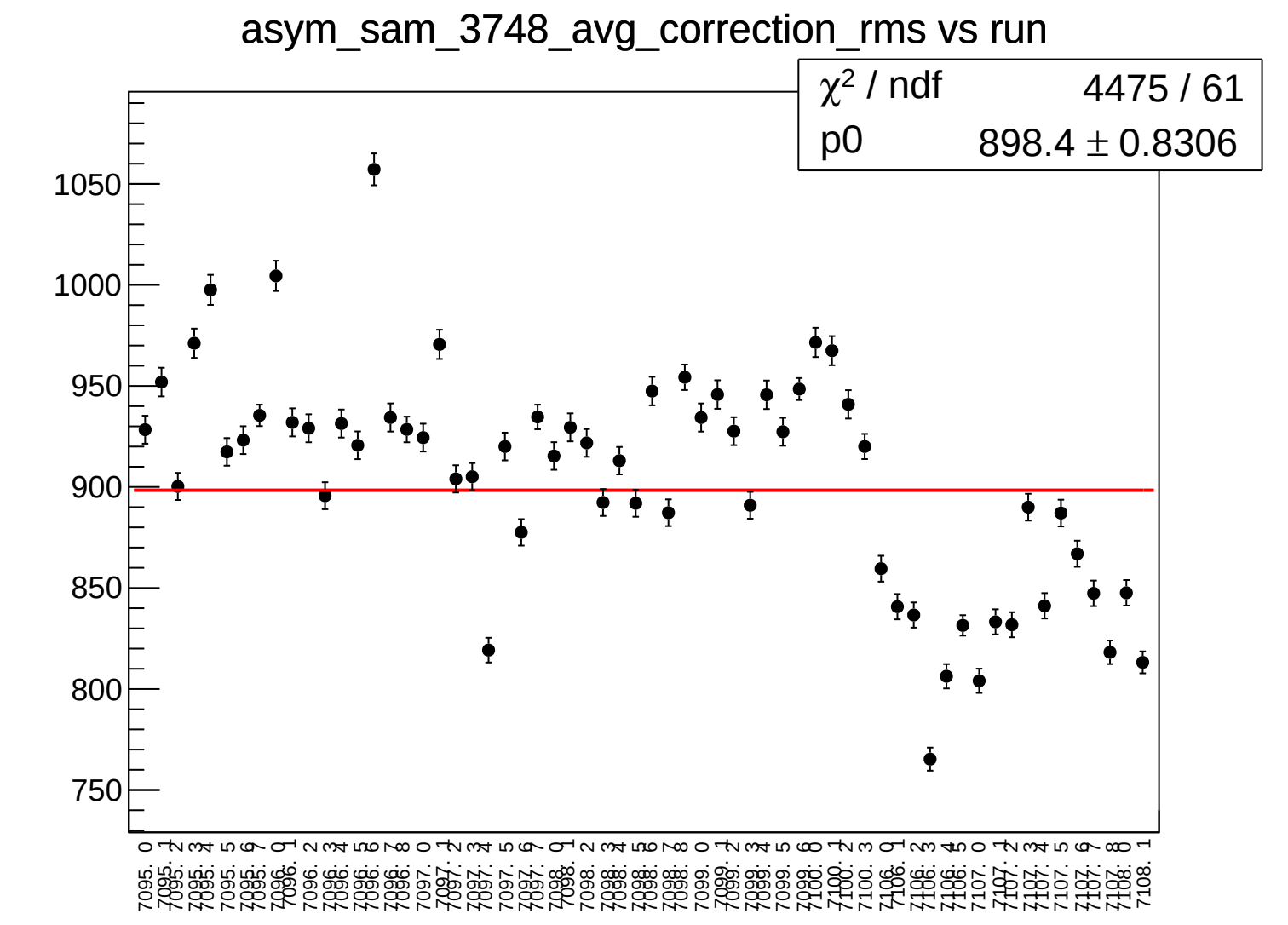

dit_asym_sam_3748_avg_mean vs run
χ² / ndf 42.81 / 61
p0 −323.9 ± 162.4
4000
2000
0
−2000
−4000
−6000
−8000
pull
Entries 62
Mean −10.36
Std Dev 28.45
1.5
1
0.5
0
−0.5
−1
−1.5

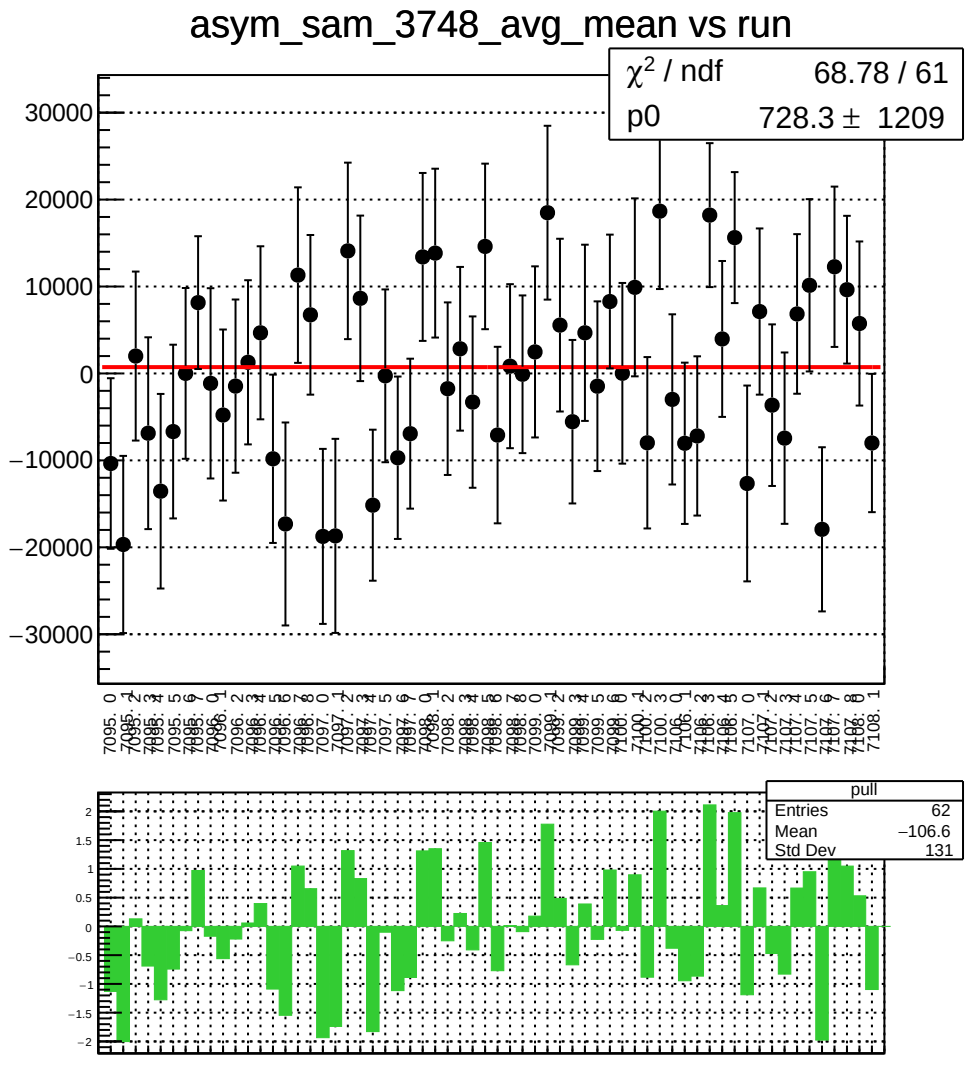

pull1D
Entries 62
Mean −0.01807
Std Dev 0.8308
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

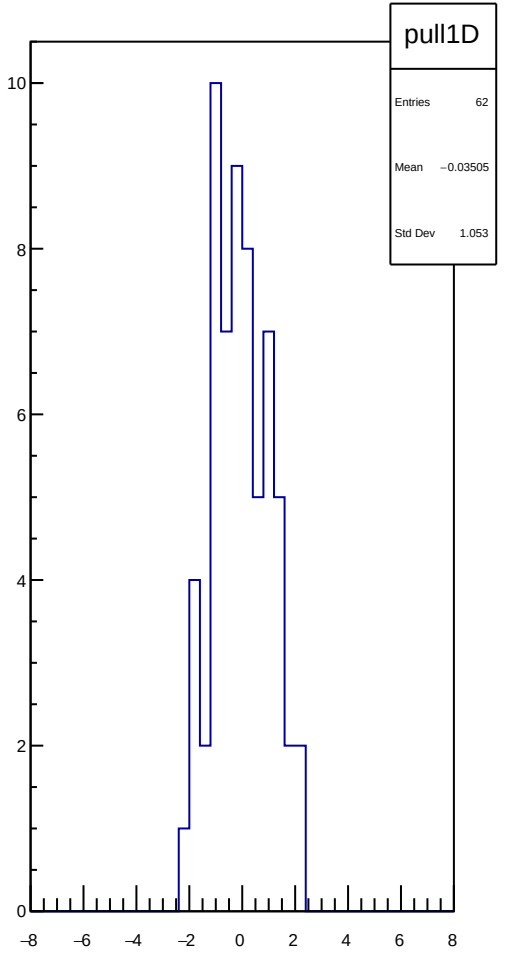

dit_asym_sam_3748_avg_rms vs run
χ² / ndf 5.874e+04 / 61
p0 121.3 ± 0.1148
300
250
200
150
100
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

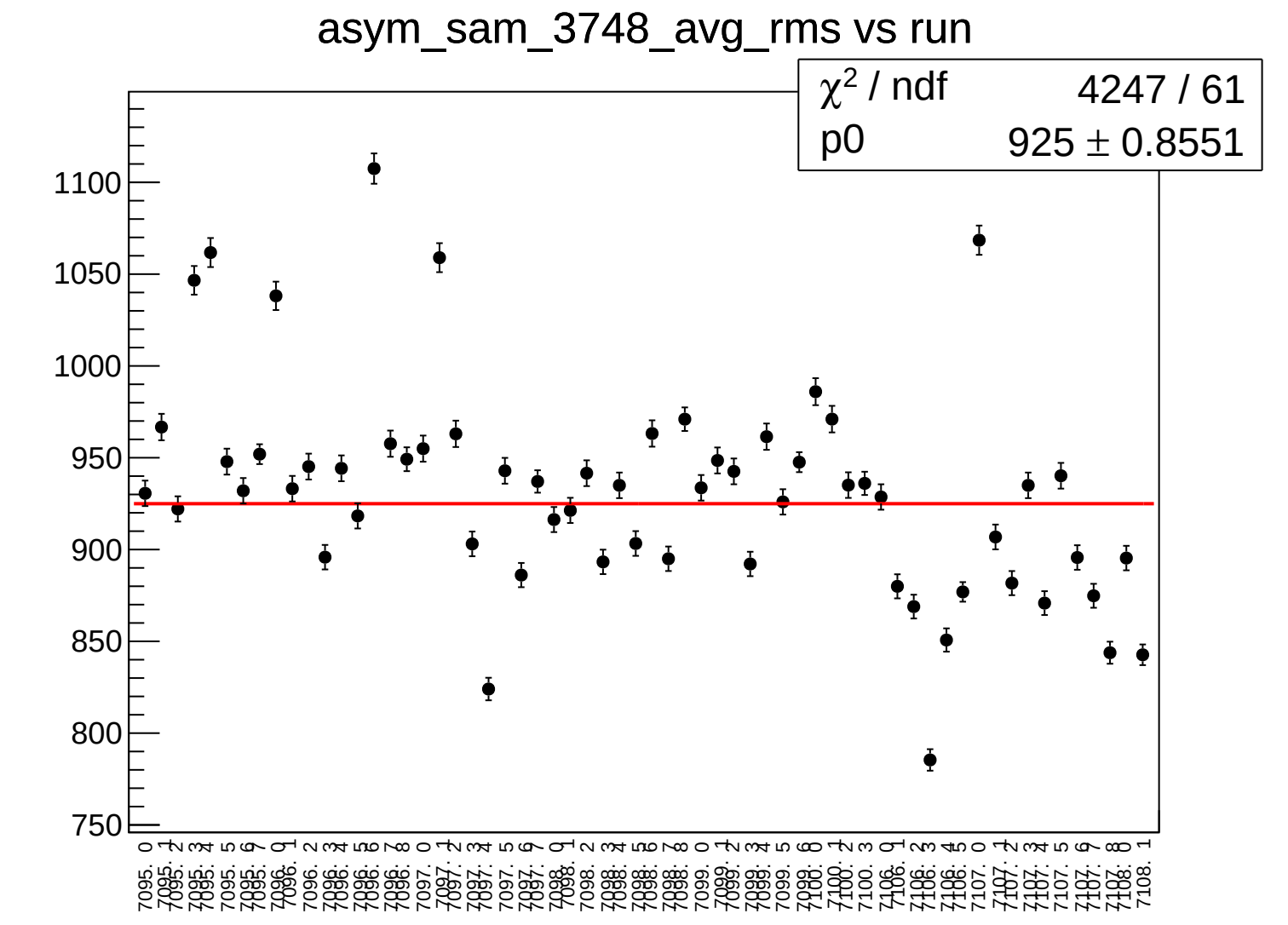

asym_sam_3748_avg_correction_mean vs run
χ² / ndf 67.84 / 61
p0 −931.5 ± 1175
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 62
Mean −143.8
Std Dev 168.8
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

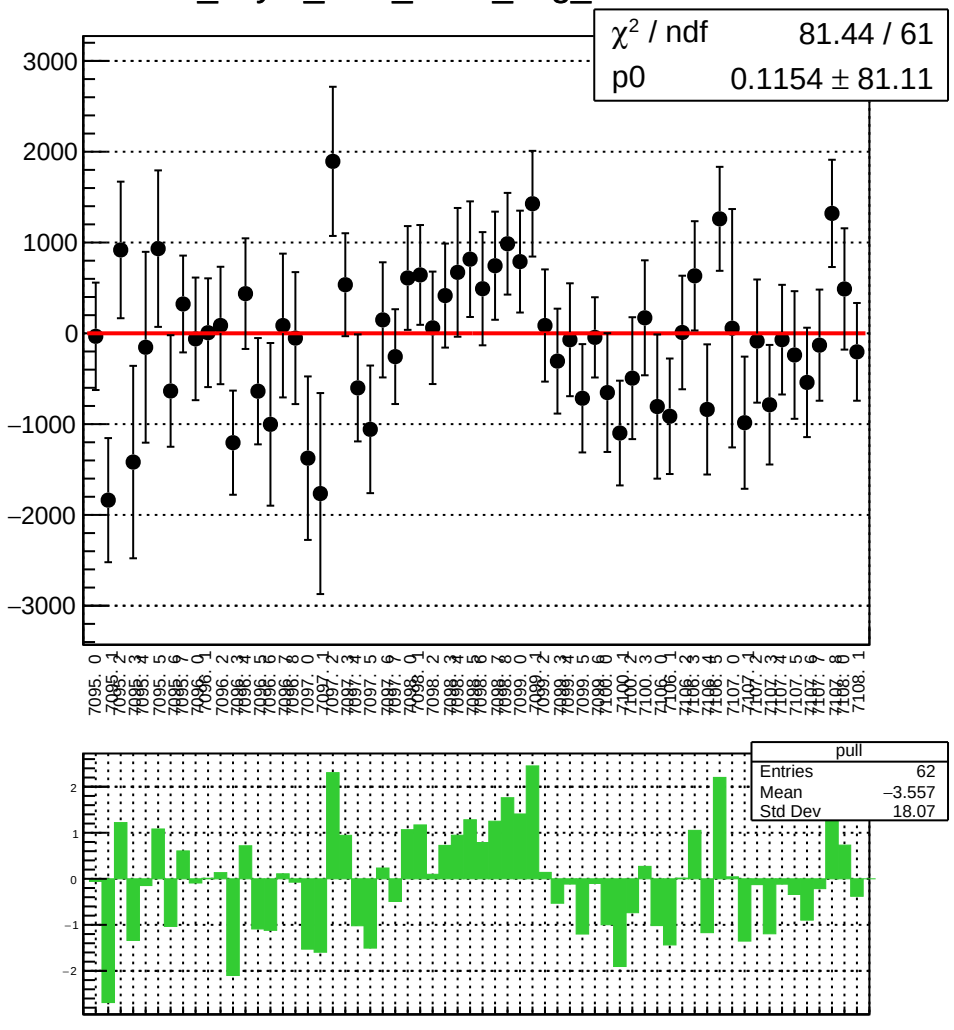

pull1D
Entries 62
Mean 0.02649
Std Dev 1.046
9
8
7
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

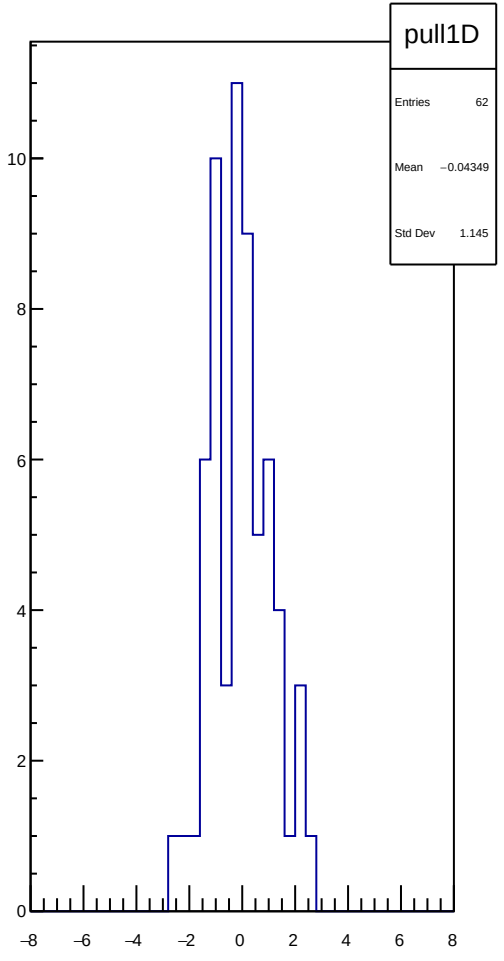

asym_sam_3748_avg_correction_rms vs run
χ² / ndf 4475 / 61
p0 898.4 ± 0.8306
1050
1000
950
900
850
800
750

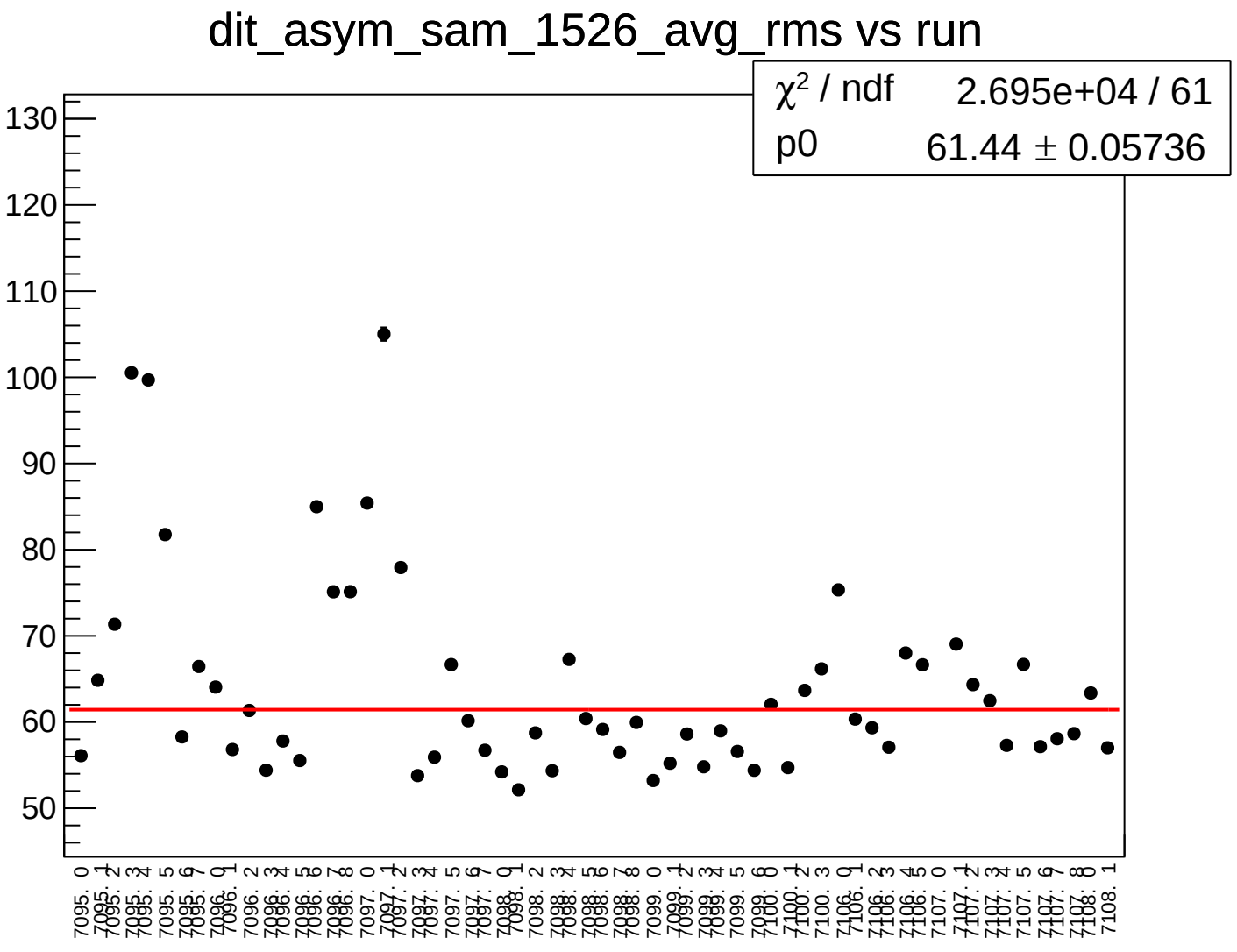

asym_sam_3748_avg_mean vs run
χ² / ndf 68.78 / 61
p0 728.3 ± 1209
pull
Entries 62
Mean −106.6
Std Dev 131

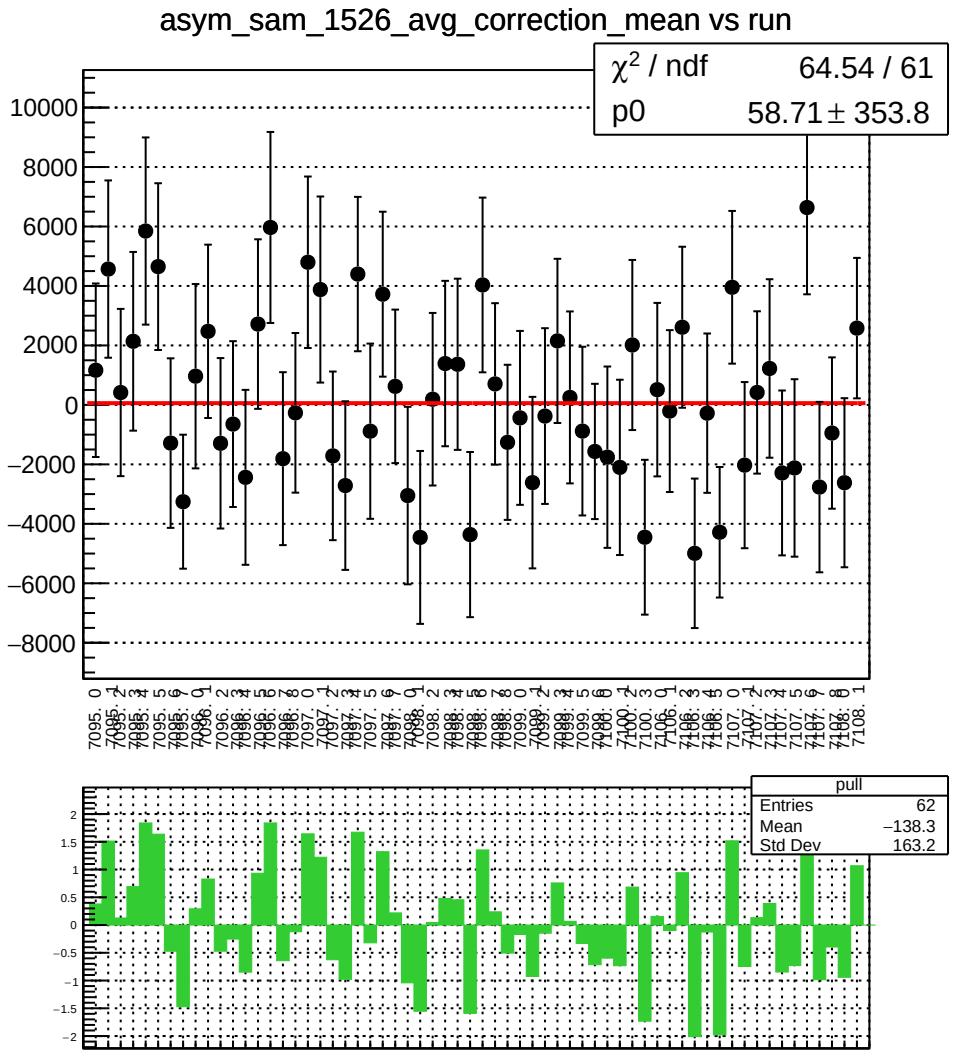

pull1D
Entries 62
Mean −0.03505
Std Dev 1.053

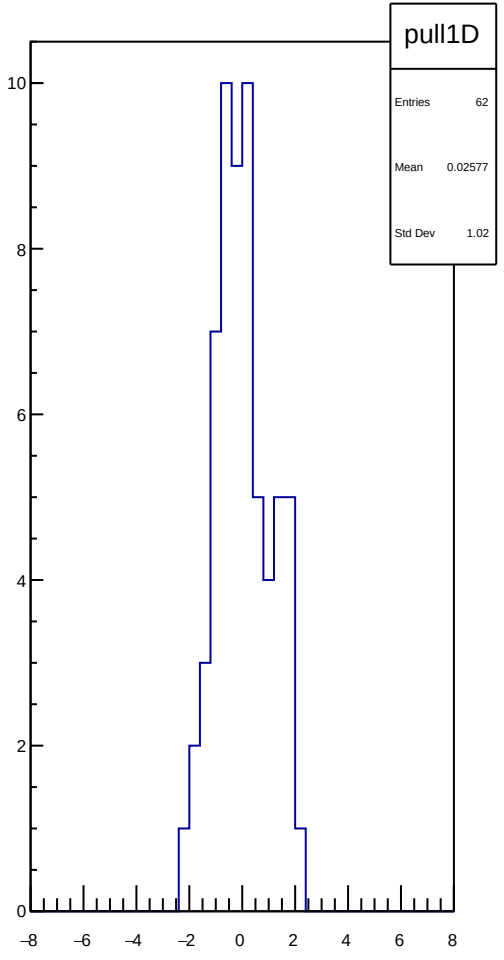

asym_sam_3748_avg_rms vs run
χ² / ndf 4247 / 61
p0 925 ± 0.8551
1100
1050
1000
950
900
850
800
750
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7100. 4
7106. 9
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7108. 0
7108. 1

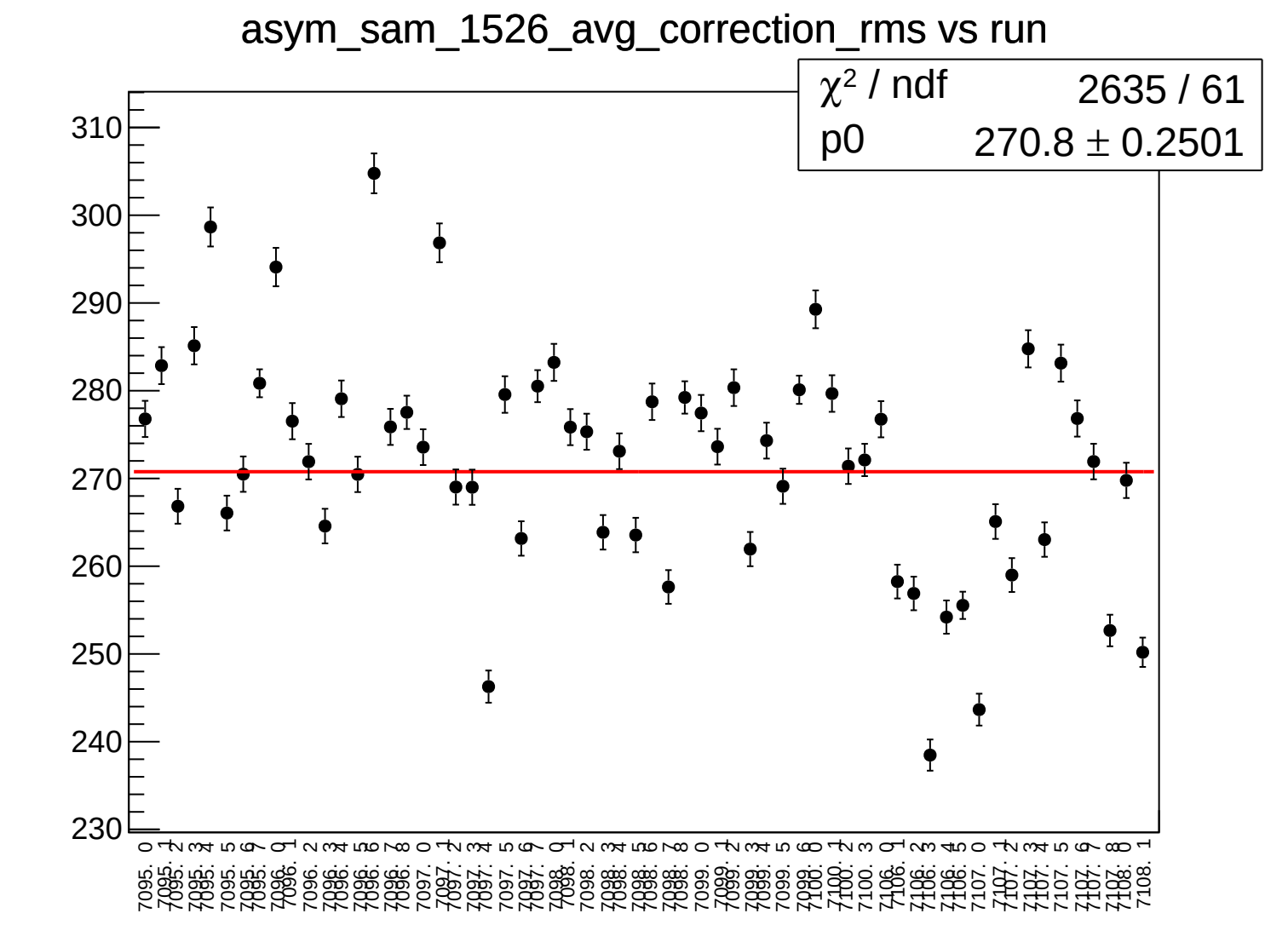

dit_asym_sam_1526_avg_mean vs run
χ² / ndf 81.44 / 61
p0 0.1154 ± 81.11
pull
Entries 62
Mean −3.557
Std Dev 18.07

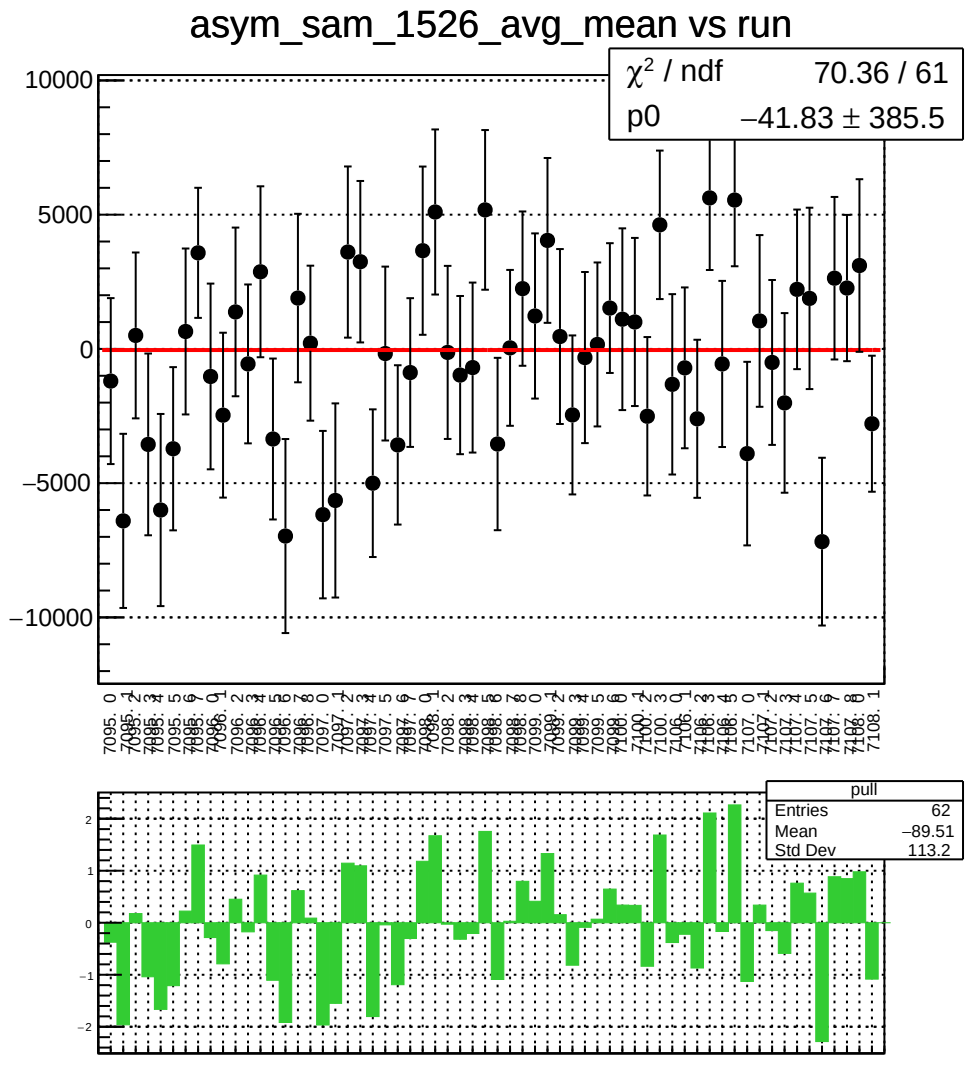

pull1D
Entries 62
Mean −0.04349
Std Dev 1.145

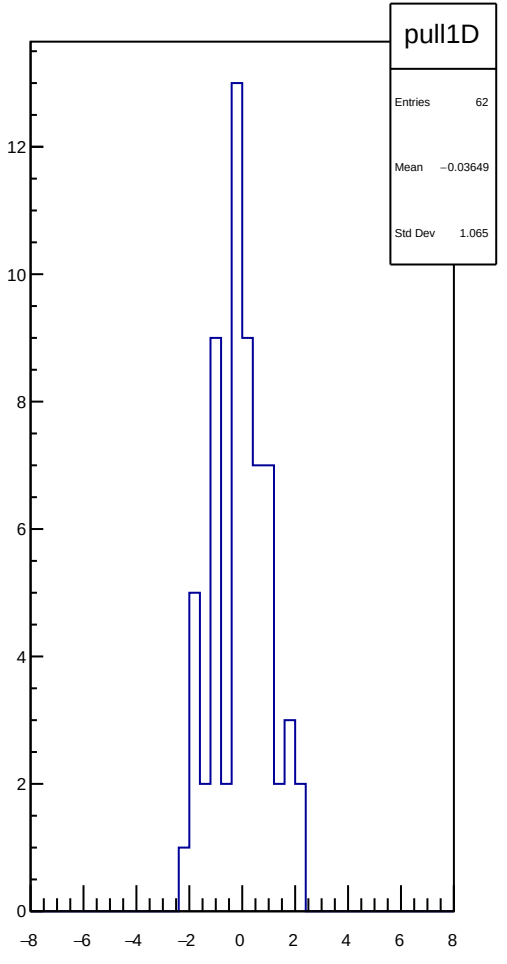

dit_asym_sam_1526_avg_rms vs run
χ^2 / ndf 2.695e+04 / 61
p0 61.44 ± 0.05736
130
120
110
100
90
80
70
60
50

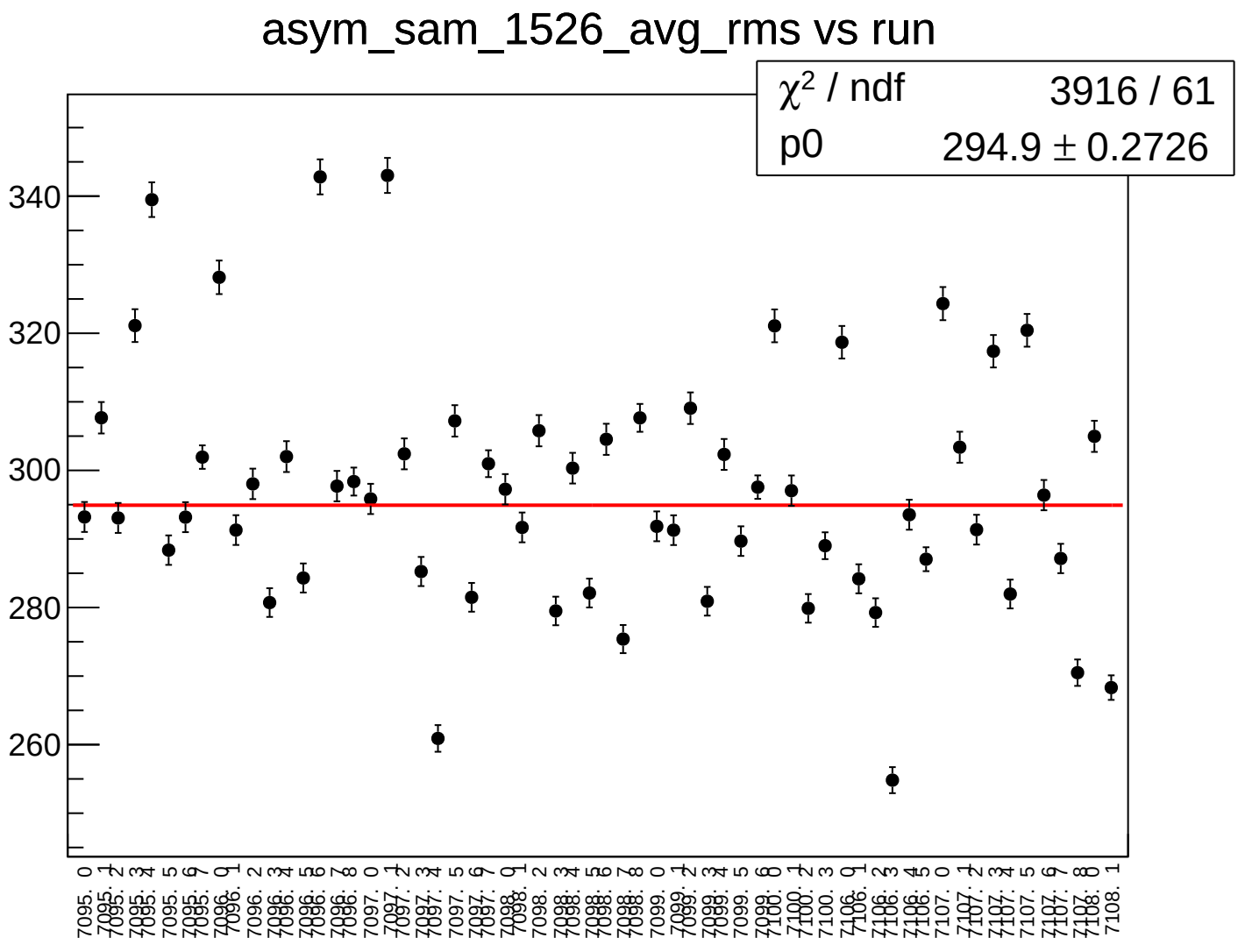

asym_sam_1526_avg_correction_mean vs run
χ² / ndf 64.54 / 61
p0 58.71 ± 353.8
pull
Entries 62
Mean −138.3
Std Dev 163.2

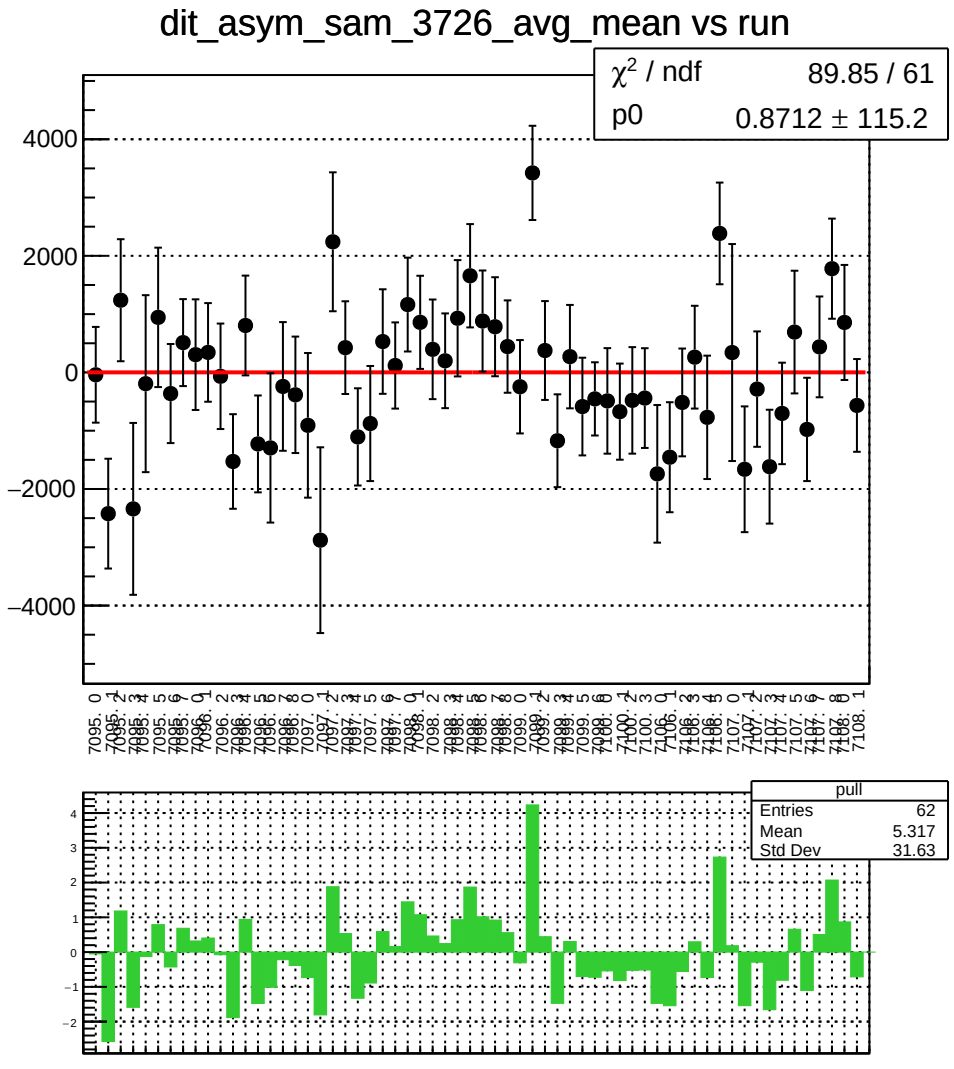

pull1D
Entries 62
Mean 0.02577
Std Dev 1.02

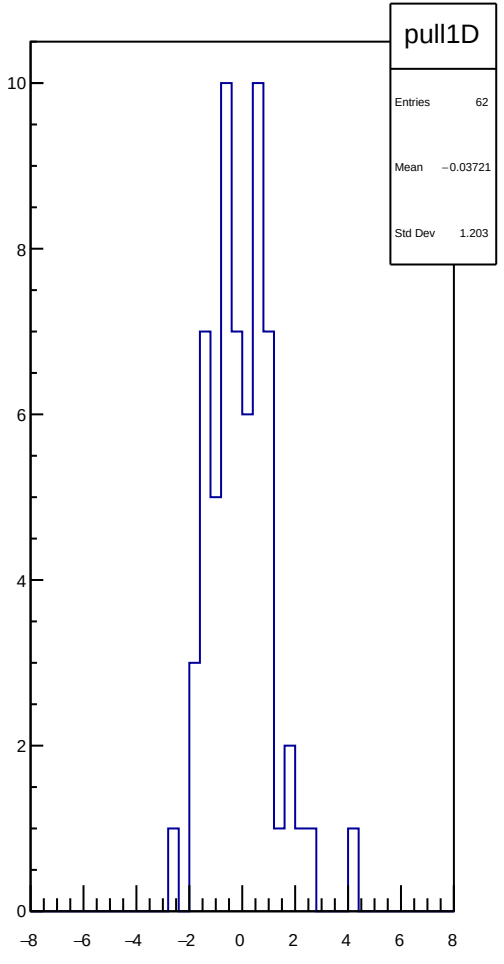

asym_sam_1526_avg_correction_rms vs run
χ² / ndf 2635 / 61
p0 270.8 ± 0.2501
310
300
290
280
270
260
250
240
230

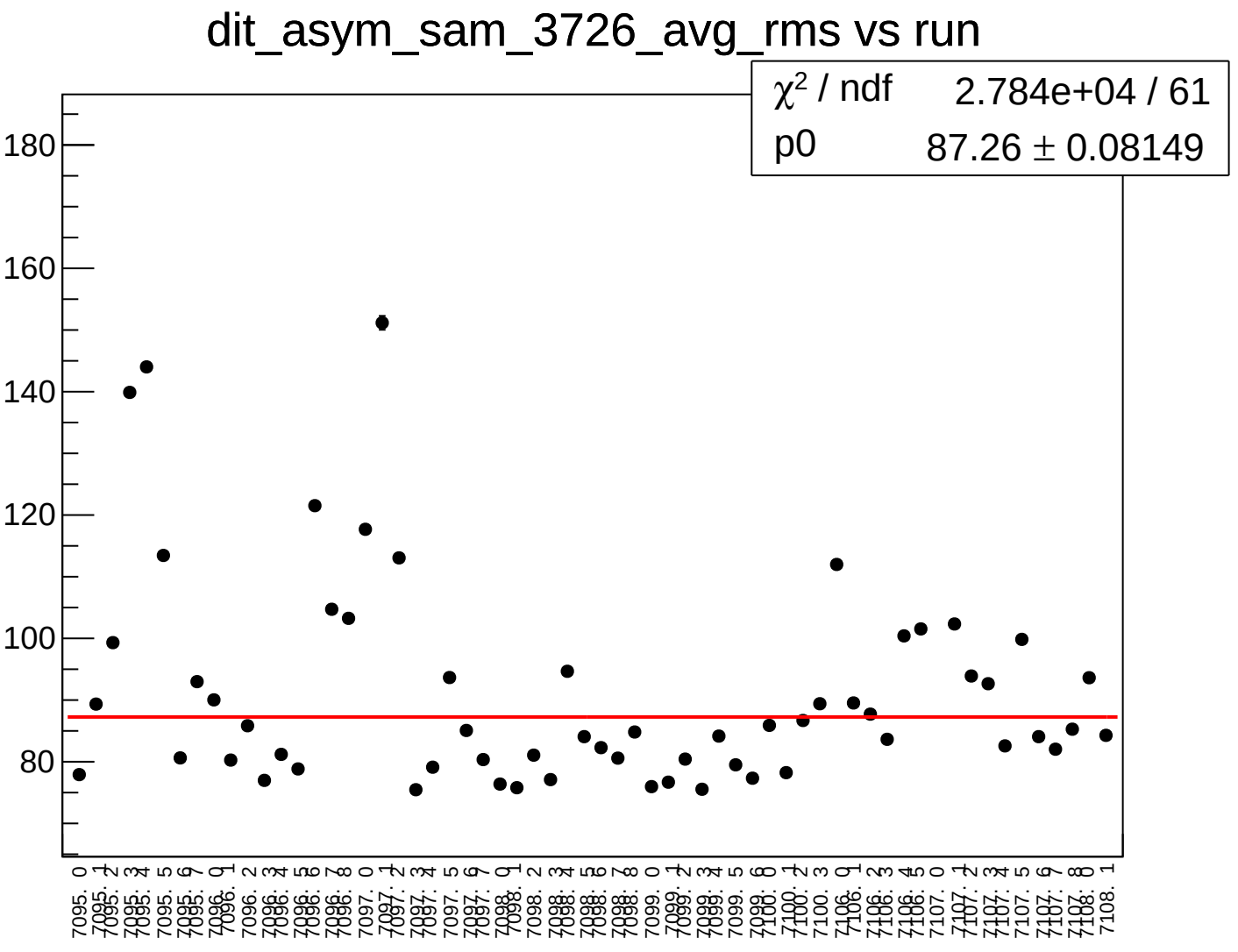

asym_sam_1526_avg_mean vs run
χ² / ndf 70.36 / 61
p0 −41.83 ± 385.5
10000
5000
0
−5000
−10000
pull
Entries 62
Mean −89.51
Std Dev 113.2
2
1
0
−1
−2

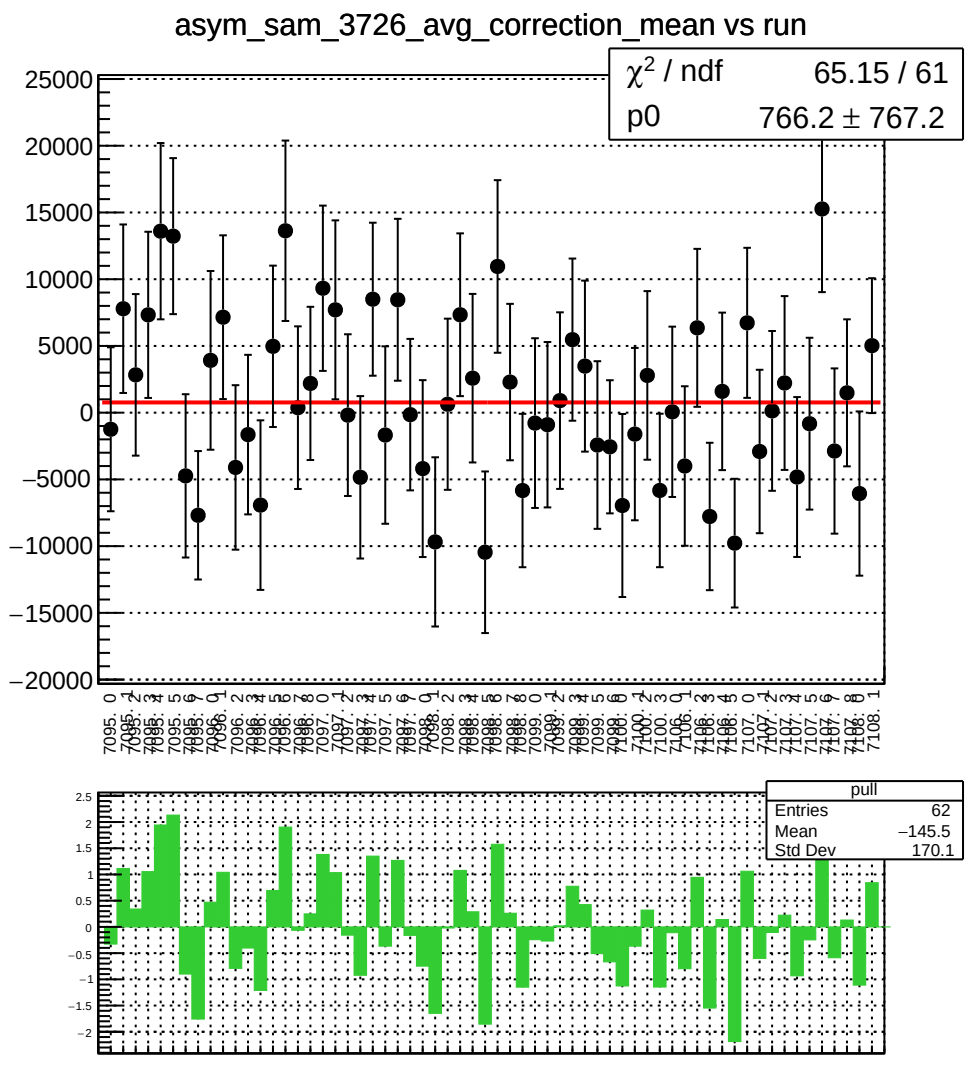

pull1D
Entries 62
Mean −0.03649
Std Dev 1.065
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

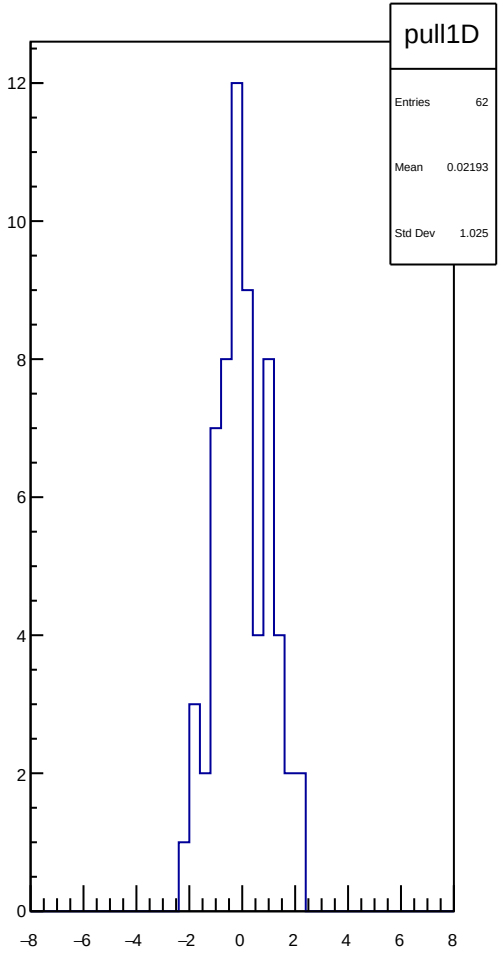

asym_sam_1526_avg_rms vs run
χ² / ndf 3916 / 61
p0 294.9 ± 0.2726
340
320
300
280
260

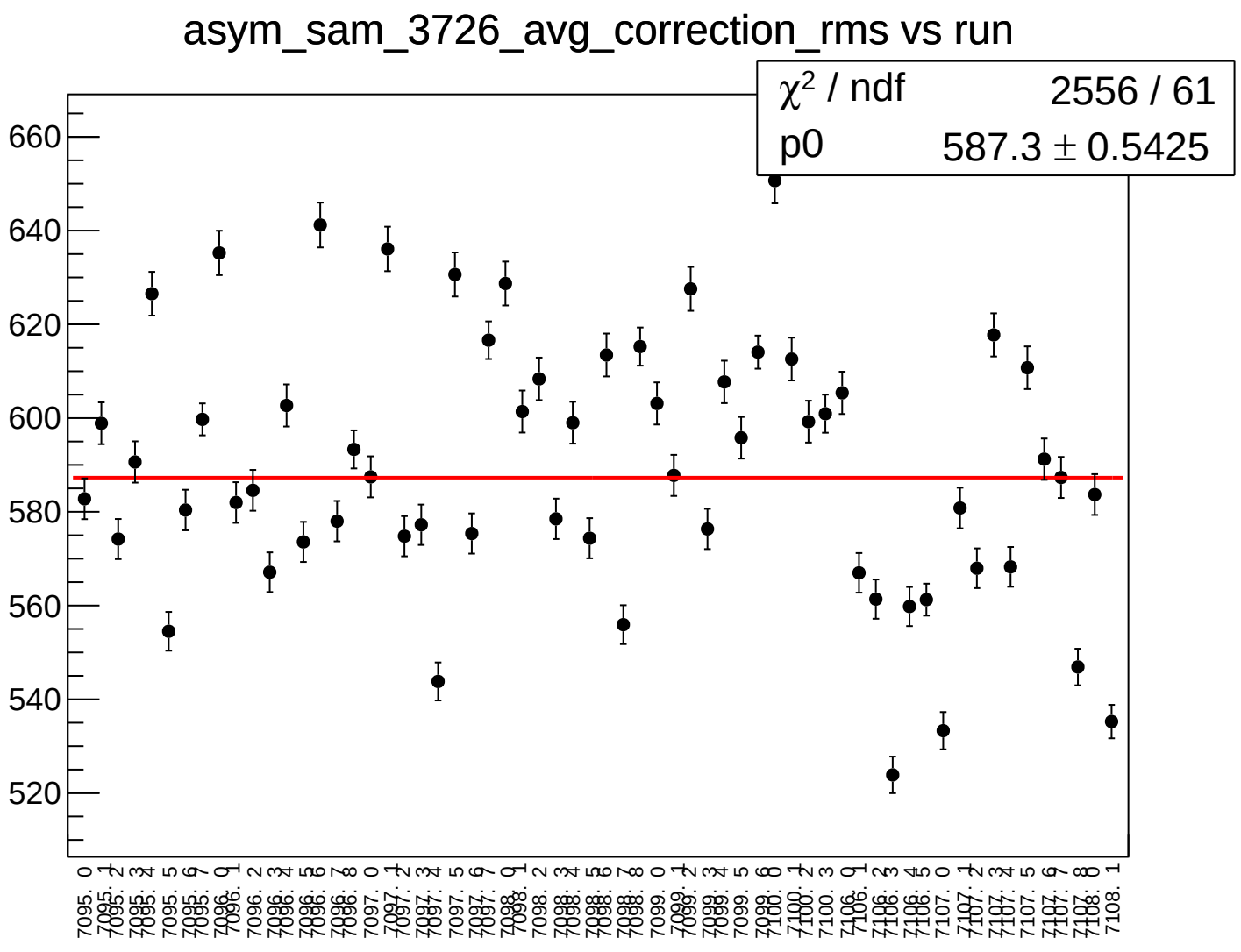

dit_asym_sam_3726_avg_mean vs run
χ² / ndf 89.85 / 61
p0 0.8712 ± 115.2
4000
2000
0
−2000
−4000
pull
Entries 62
Mean 5.317
Std Dev 31.63

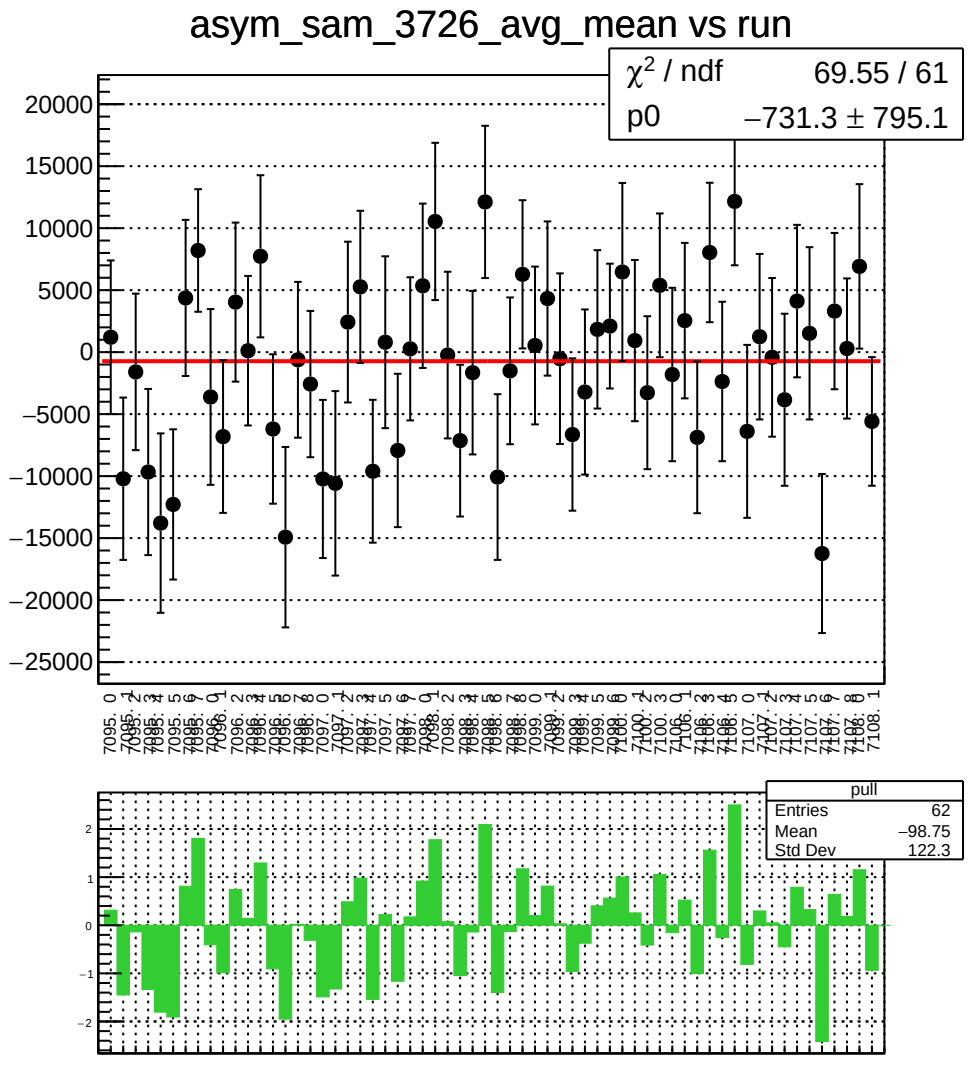

pull1D
Entries 62
Mean −0.03721
Std Dev 1.203
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

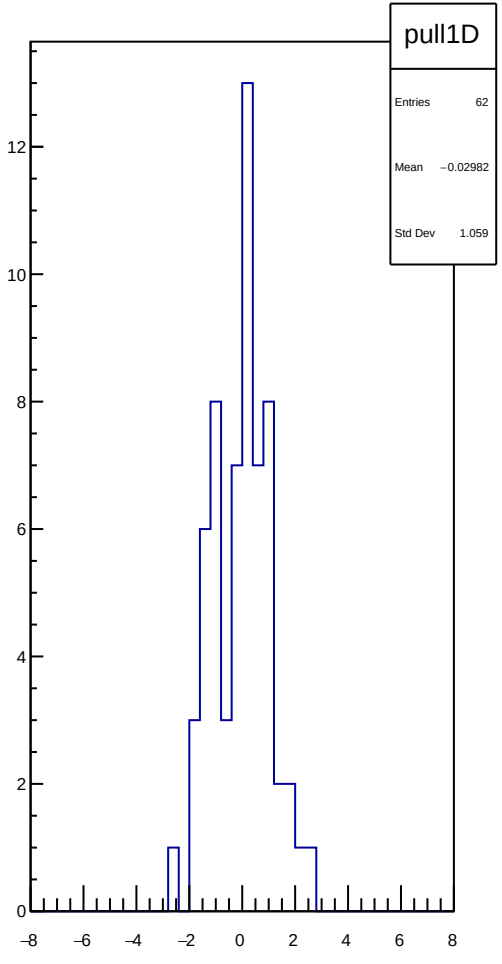

dit_asym_sam_3726_avg_rms vs run
χ² / ndf 2.784e+04 / 61
p0 87.26 ± 0.08149
180
160
140
120
100
80
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

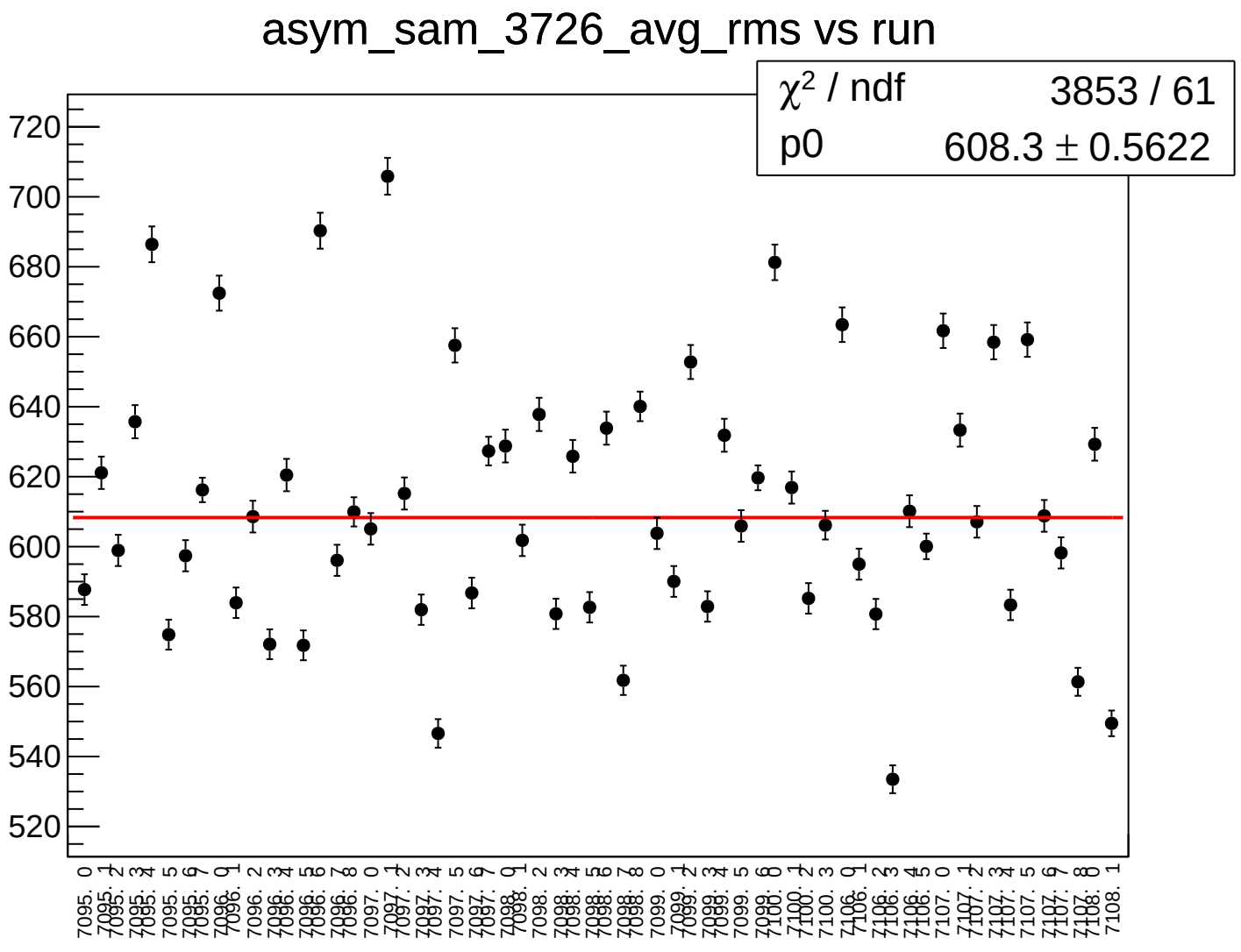

asym_sam_3726_avg_correction_mean vs run
χ² / ndf 65.15 / 61
p0 766.2 ± 767.2
pull
Entries 62
Mean −145.5
Std Dev 170.1

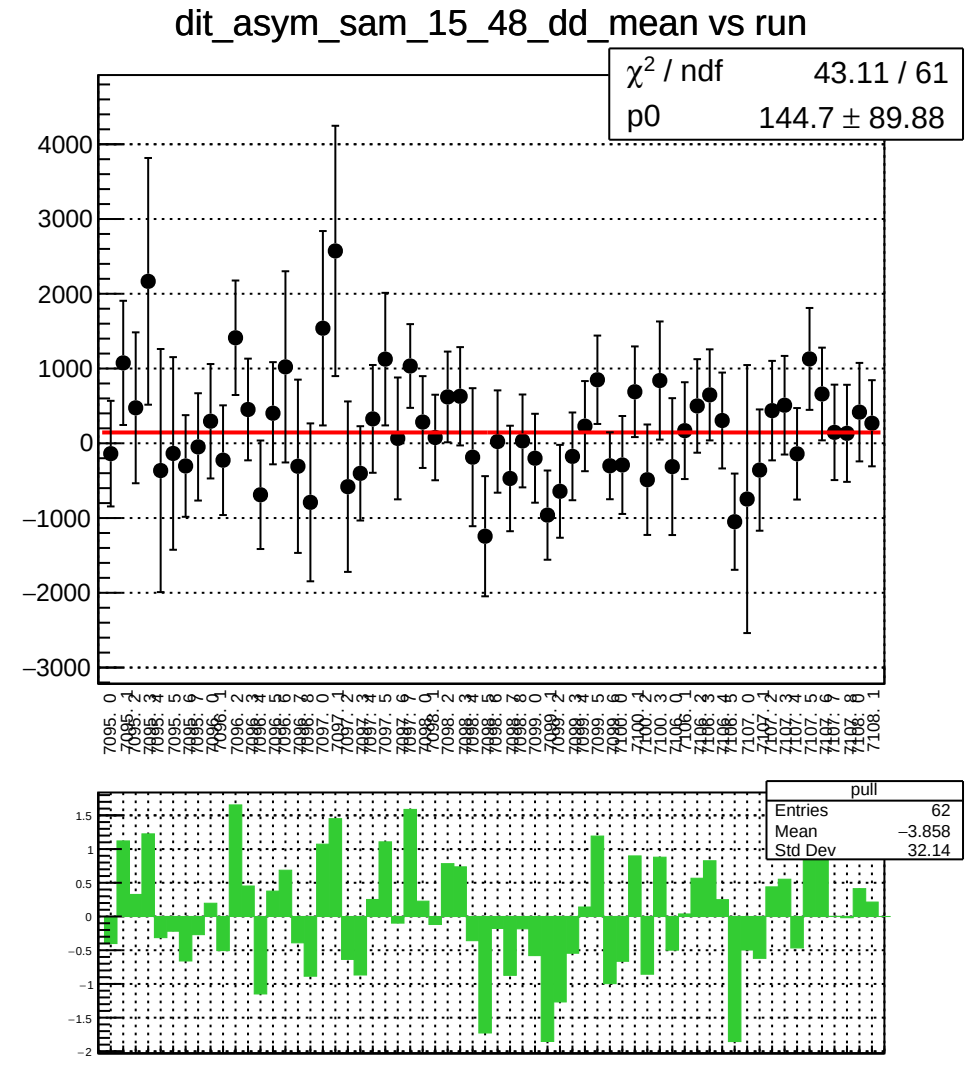

pull1D
Entries 62
Mean 0.02193
Std Dev 1.025

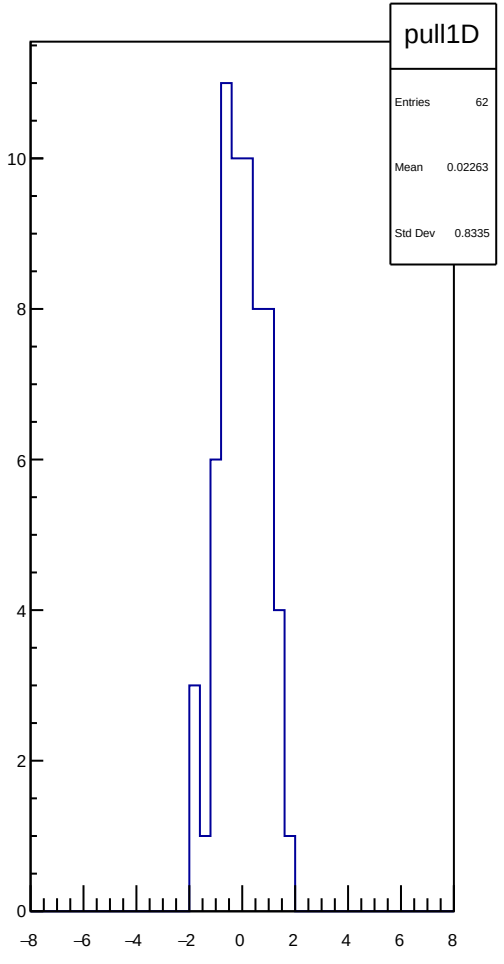

asym_sam_3726_avg_correction_rms vs run
χ² / ndf 2556 / 61
p0 587.3 ± 0.5425
660
640
620
600
580
560
540
520

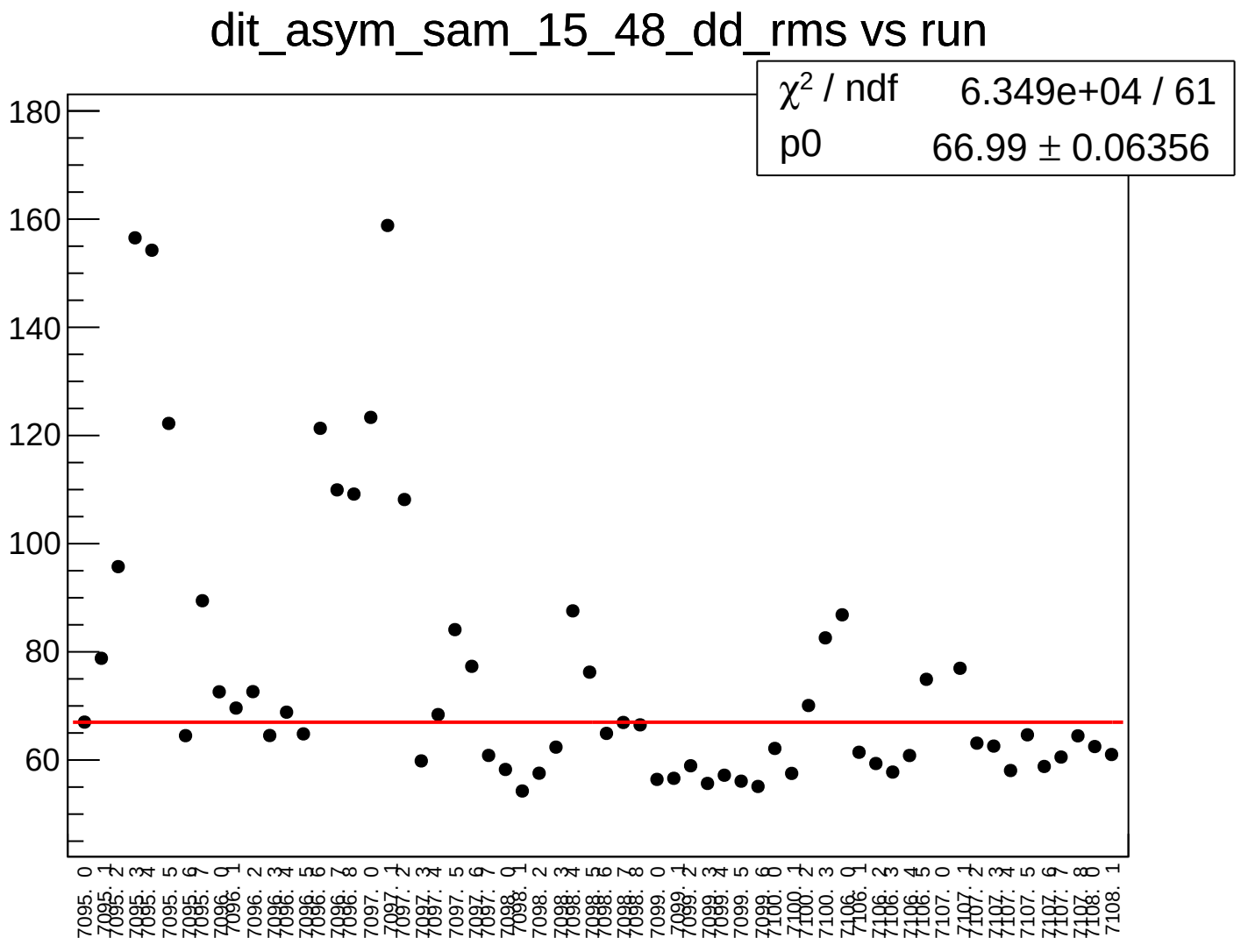

asym_sam_3726_avg_mean vs run
χ² / ndf 69.55 / 61
p0 −731.3 ± 795.1
pull
Entries 62
Mean −98.75
Std Dev 122.3

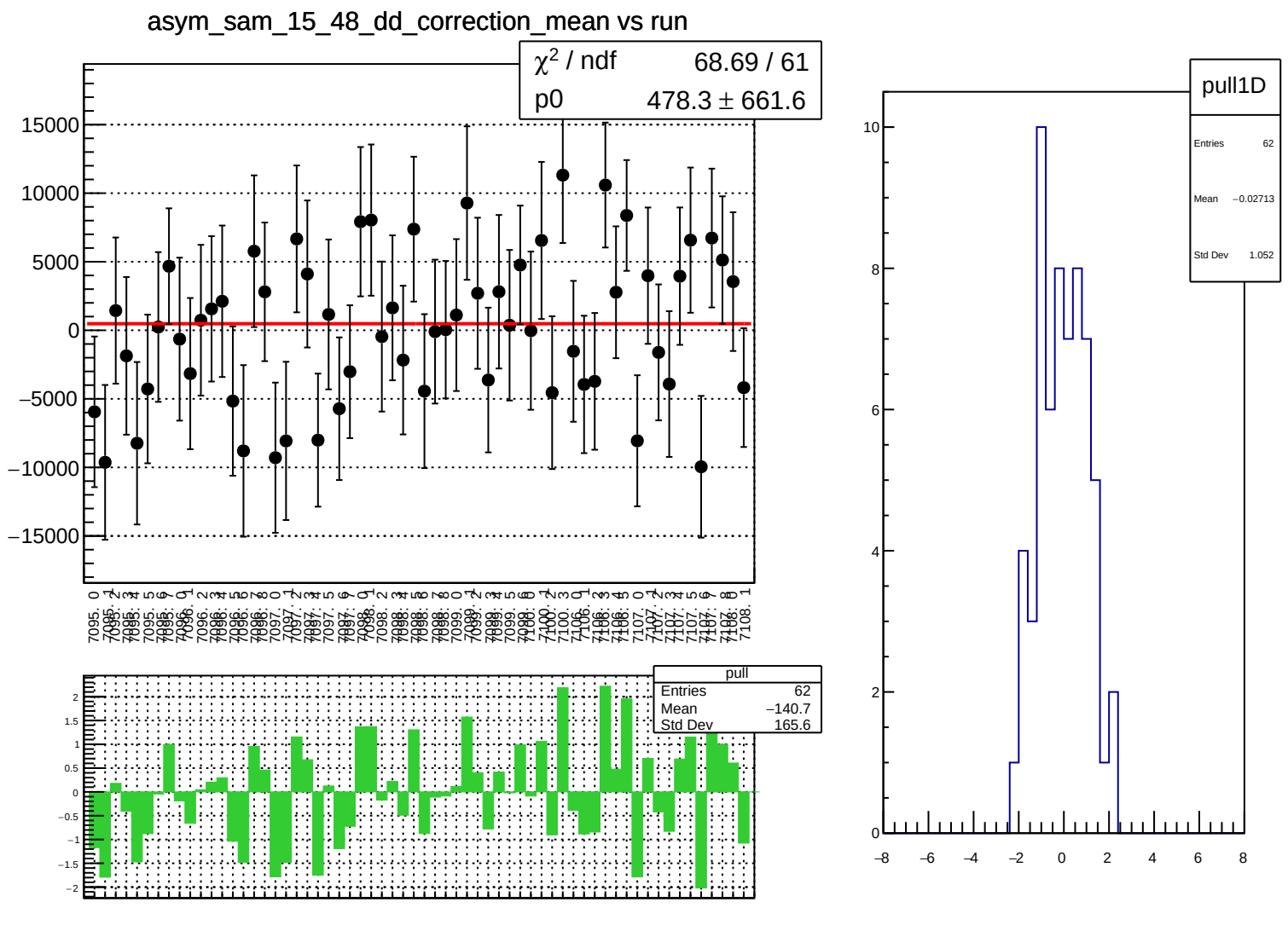

pull1D
Entries 62
Mean −0.02982
Std Dev 1.059

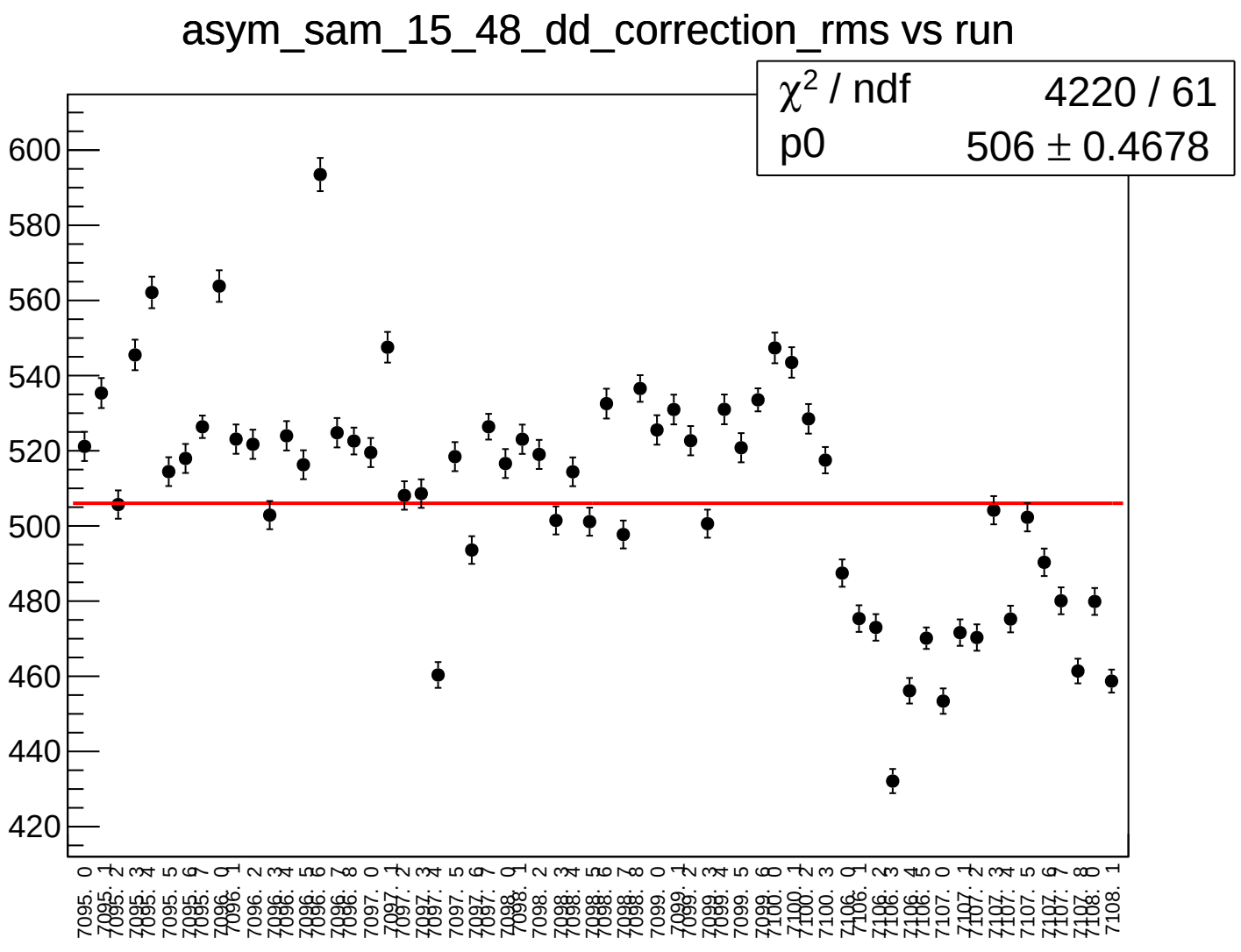

asym_sam_3726_avg_rms vs run
χ^2 / ndf 3853 / 61
p0 608.3 ± 0.5622
720
700
680
660
640
620
600
580
560
540
520

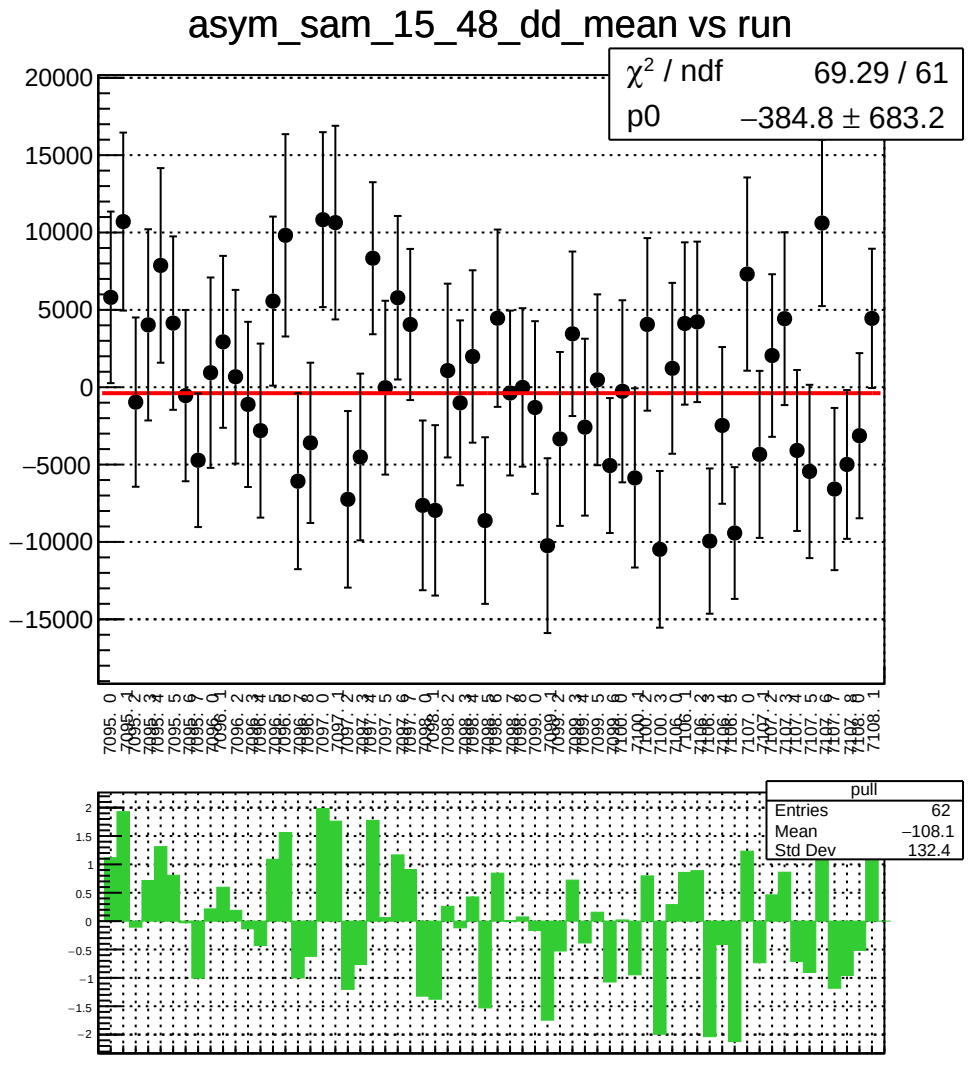

dit_asym_sam_15_48_dd_mean vs run
χ² / ndf 43.11 / 61
p0 144.7 ± 89.88
pull
Entries 62
Mean −3.858
Std Dev 32.14

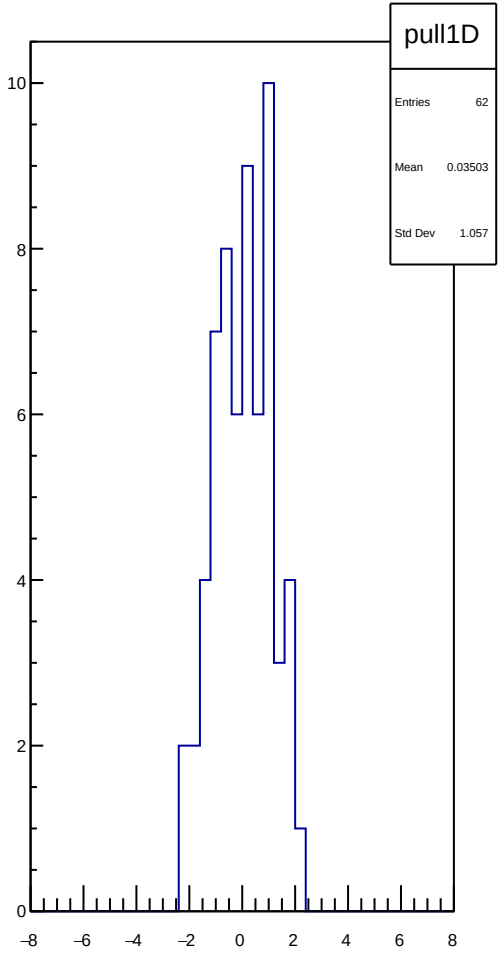

pull1D
Entries 62
Mean 0.02263
Std Dev 0.8335

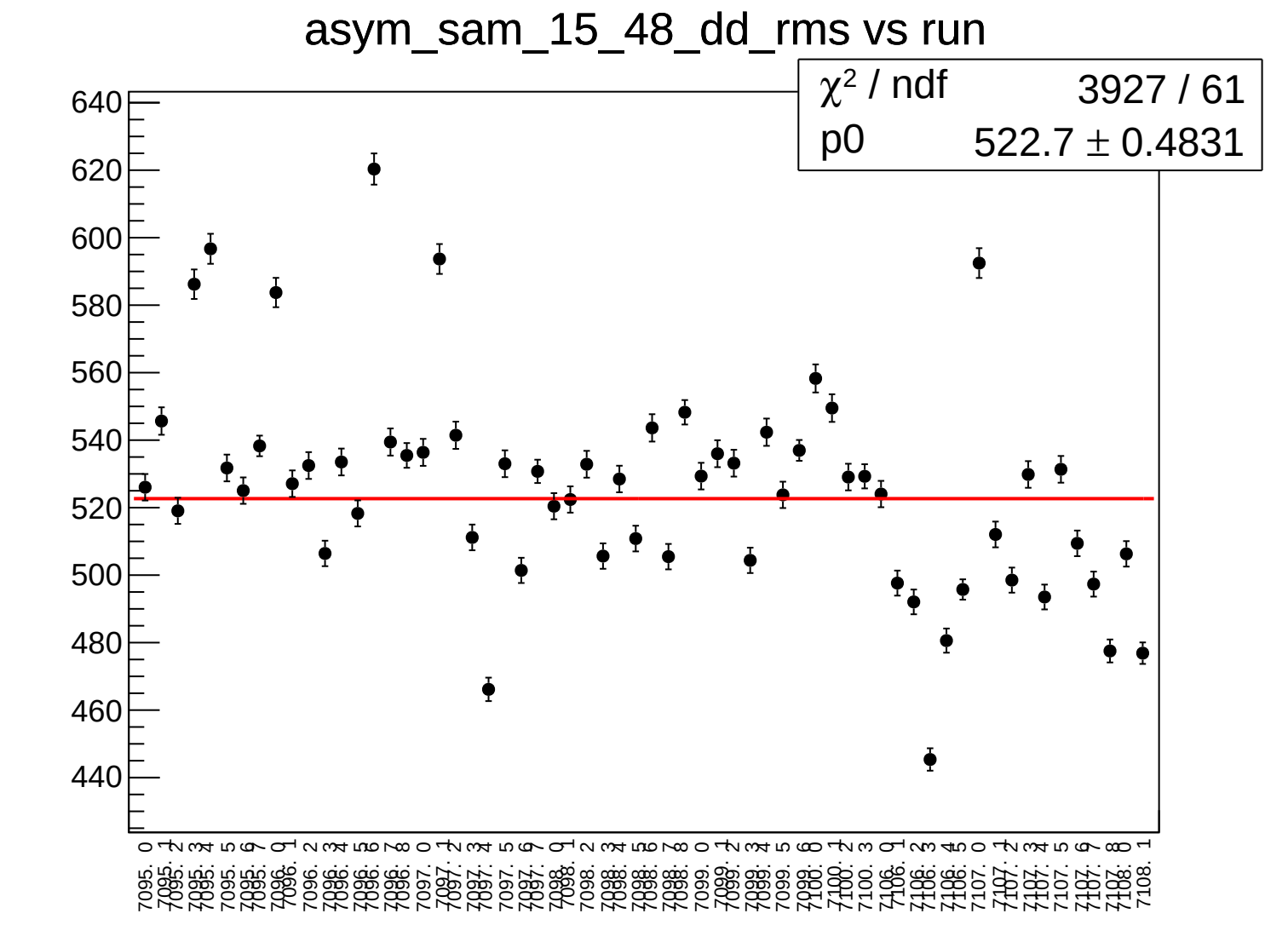

dit_asym_sam_15_48_dd_rms vs run
χ^2 / ndf 6.349e+04 / 61
p0 66.99 ± 0.06356
180
160
140
120
100
80
60

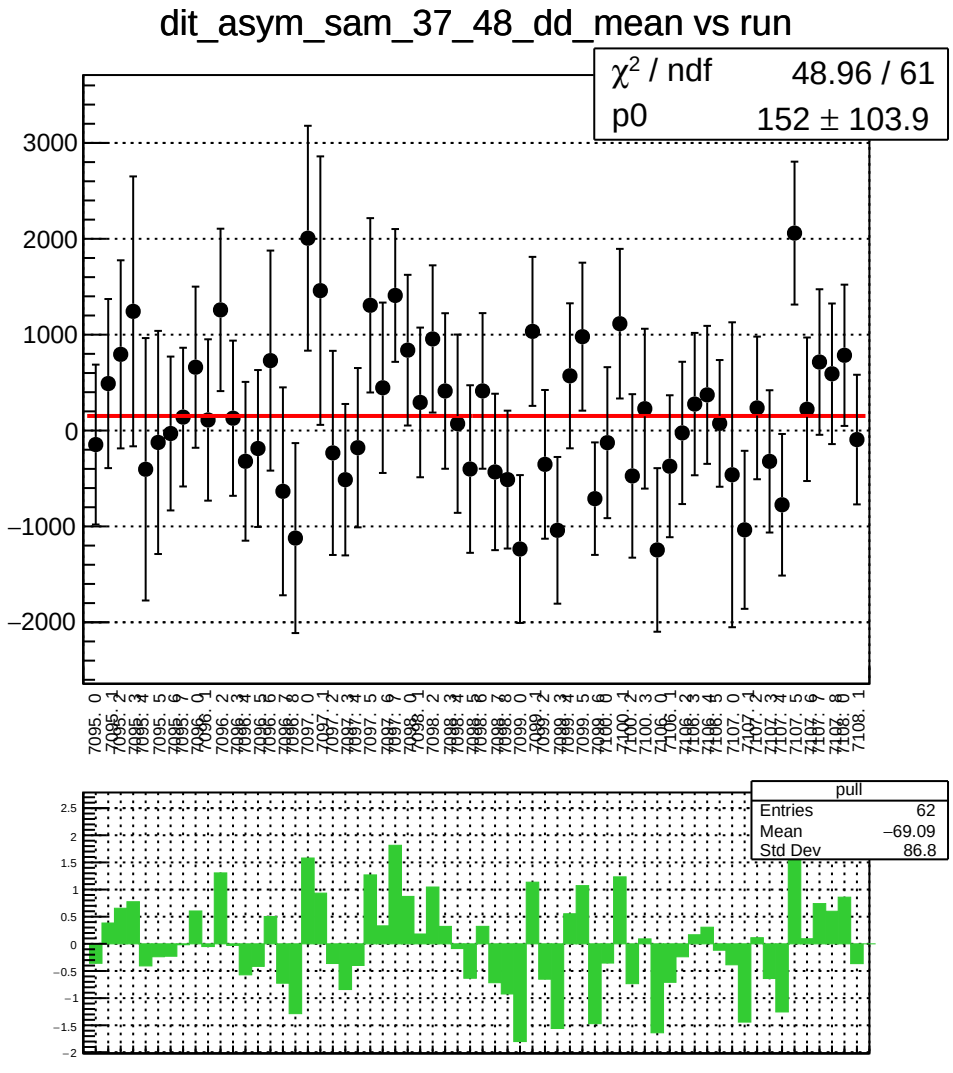

asym_sam_15_48_dd_correction_mean vs run
χ² / ndf 68.69 / 61
p0 478.3 ± 661.6
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 62
Mean −140.7
Std Dev 165.6
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
pull1D
Entries 62
Mean −0.02713
Std Dev 1.052
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

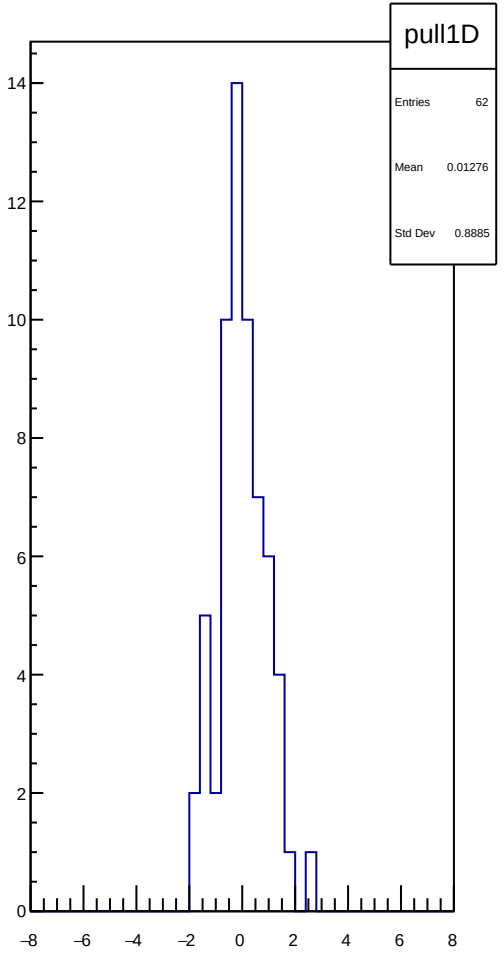

asym_sam_15_48_dd_correction_rms vs run
χ² / ndf 4220 / 61
p0 506 ± 0.4678
600
580
560
540
520
500
480
460
440
420

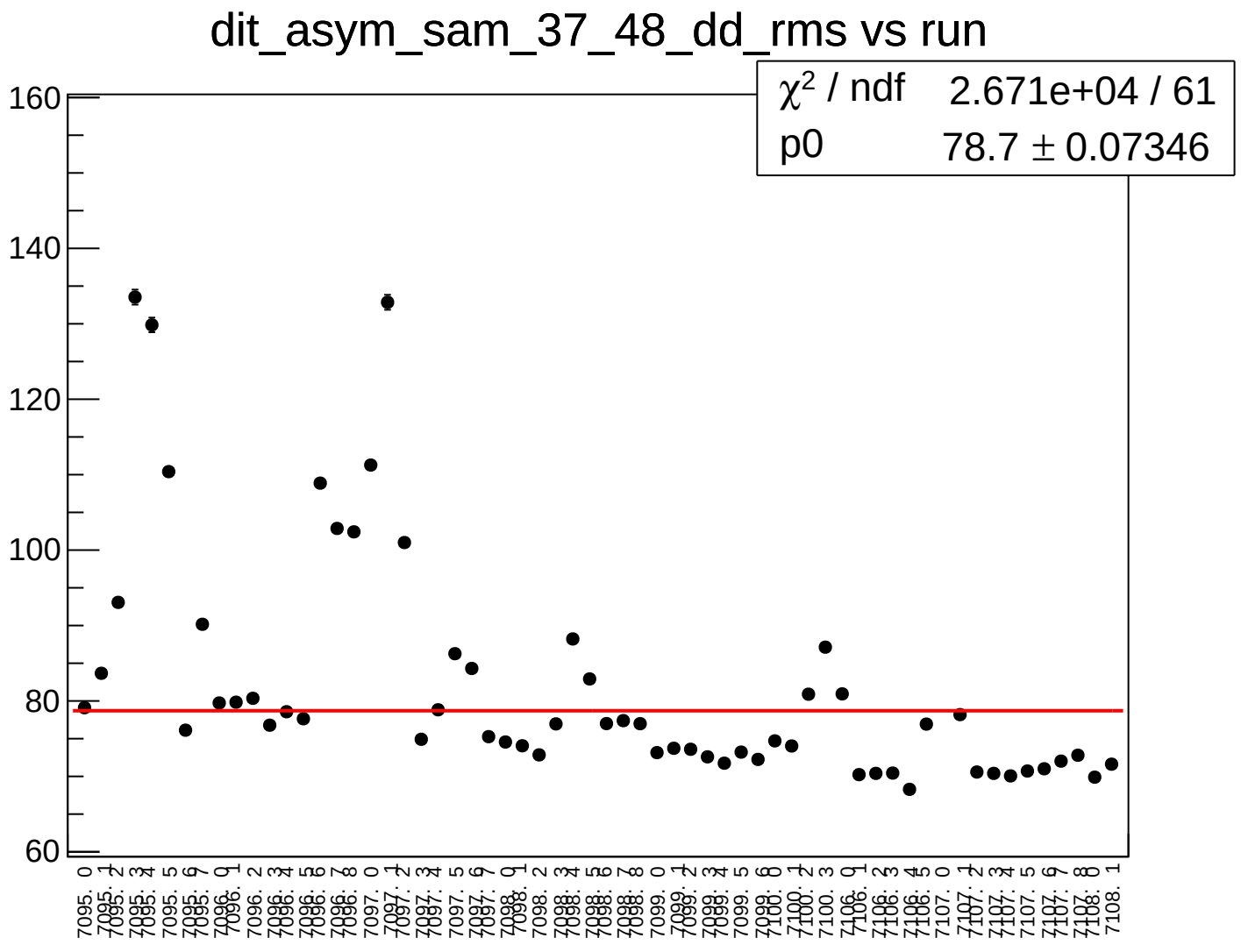

asym_sam_15_48_dd_mean vs run
χ² / ndf 69.29 / 61
p0 −384.8 ± 683.2
pull
Entries 62
Mean −108.1
Std Dev 132.4

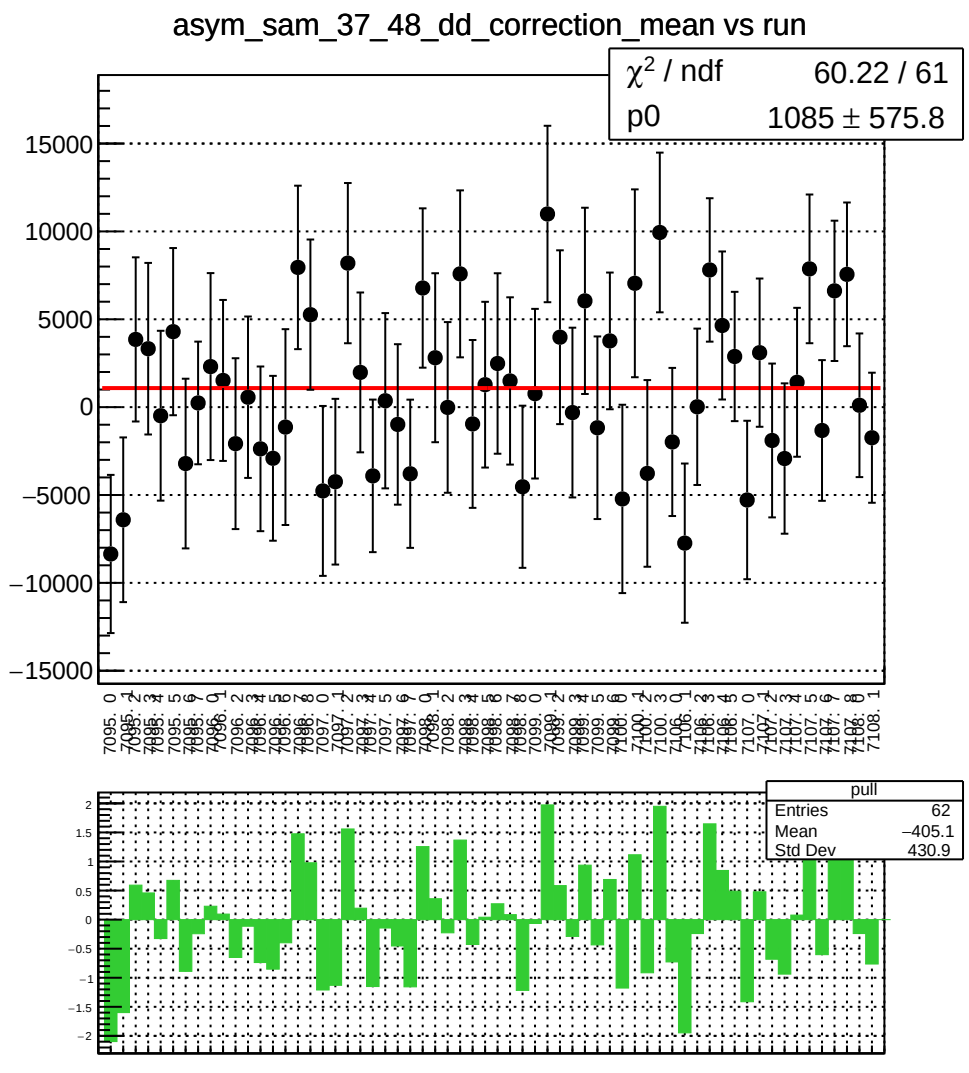

pull1D
Entries 62
Mean 0.03503
Std Dev 1.057

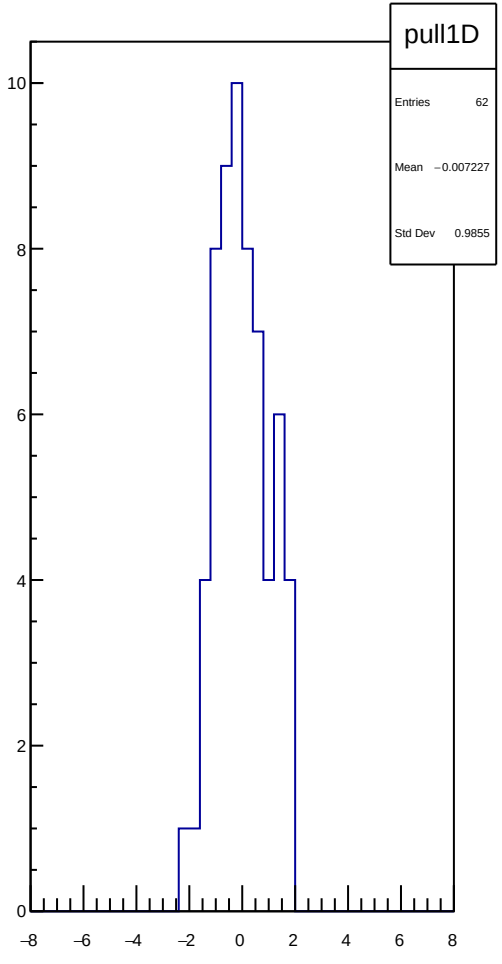

asym_sam_15_48_dd_rms vs run
χ² / ndf 3927 / 61
p0 522.7 ± 0.4831
640
620
600
580
560
540
520
500
480
460
440

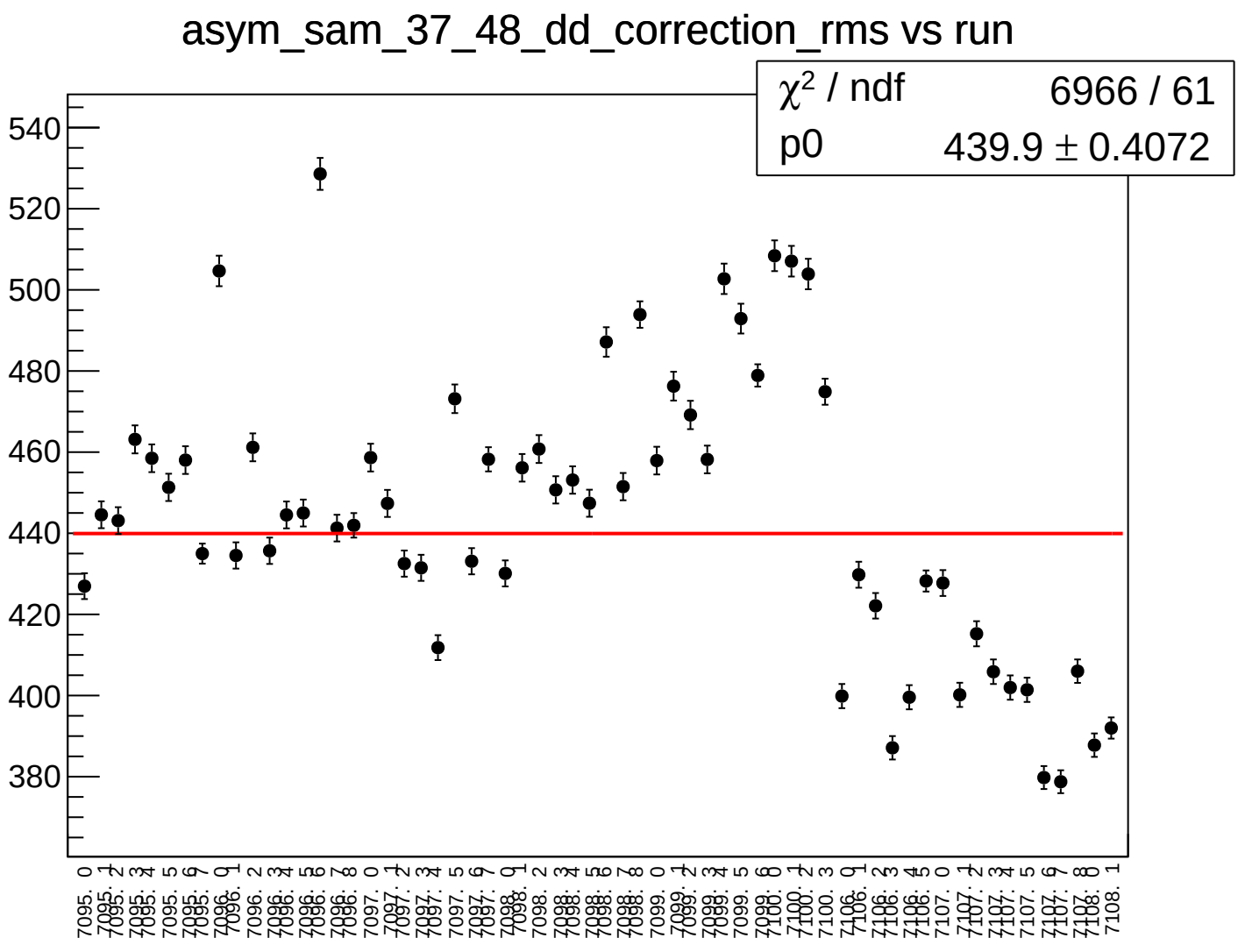

dit_asym_sam_37_48_dd_mean vs run
χ² / ndf 48.96 / 61
p0 152 ± 103.9
pull
Entries 62
Mean −69.09
Std Dev 86.8

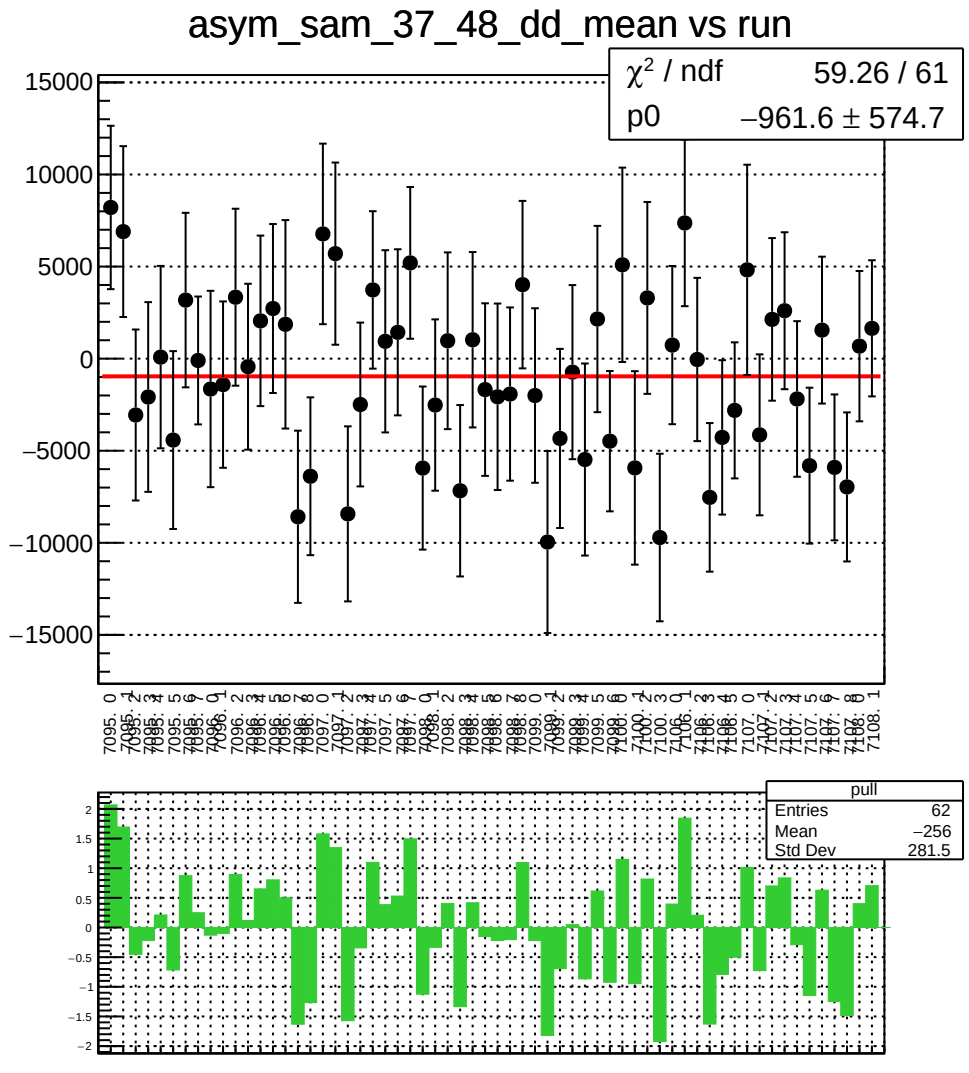

pull1D
Entries 62
Mean 0.01276
Std Dev 0.8885

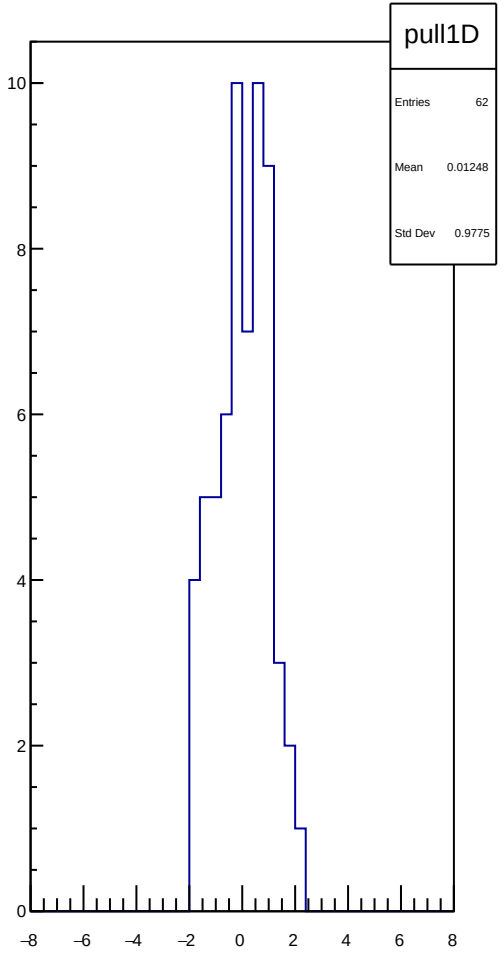

dit_asym_sam_37_48_dd_rms vs run
χ² / ndf 2.671e+04 / 61
p0 78.7 ± 0.07346
160
140
120
100
80
60

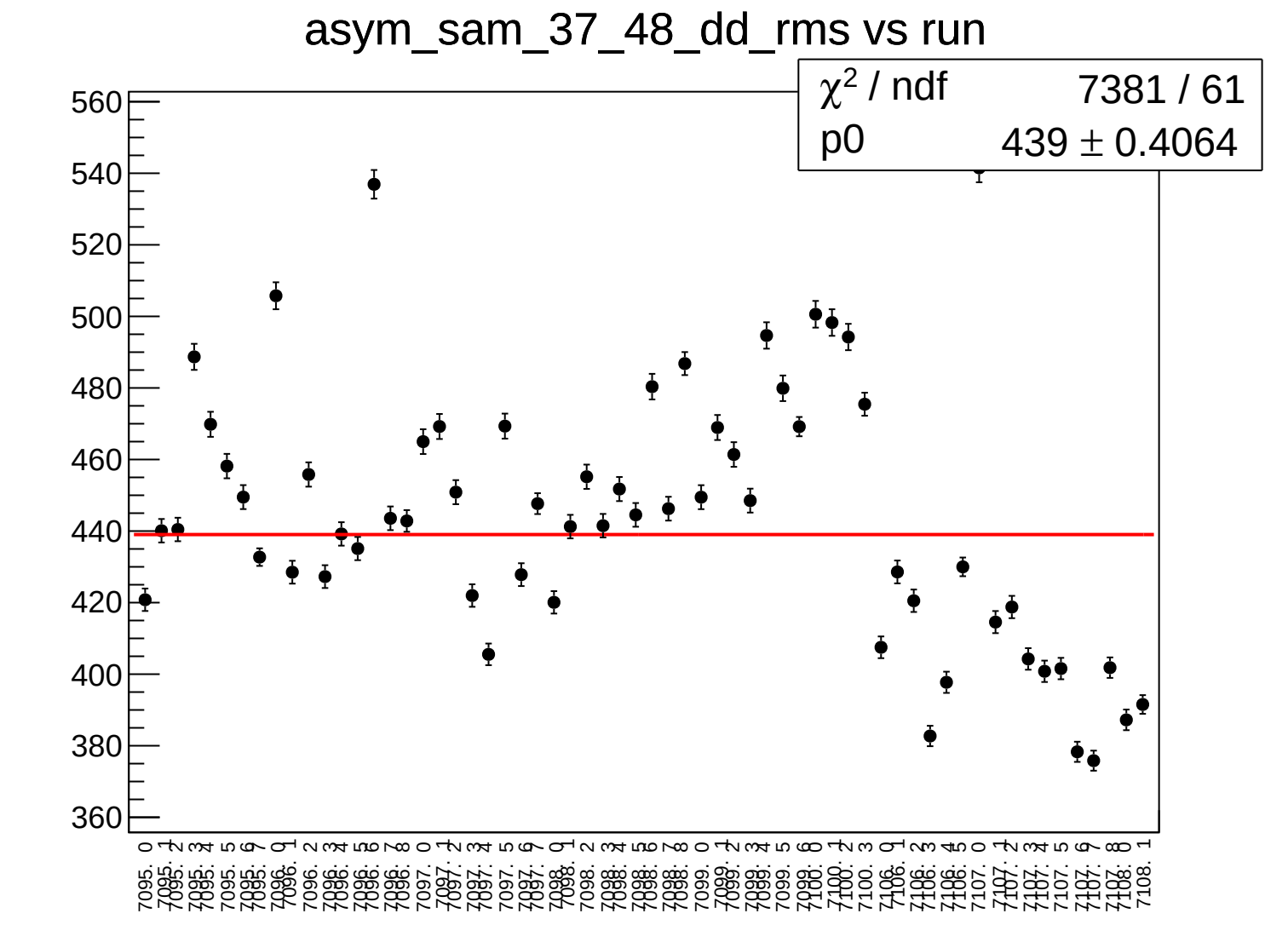

asym_sam_37_48_dd_correction_mean vs run
χ² / ndf 60.22 / 61
p0 1085 ± 575.8
pull
Entries 62
Mean −405.1
Std Dev 430.9

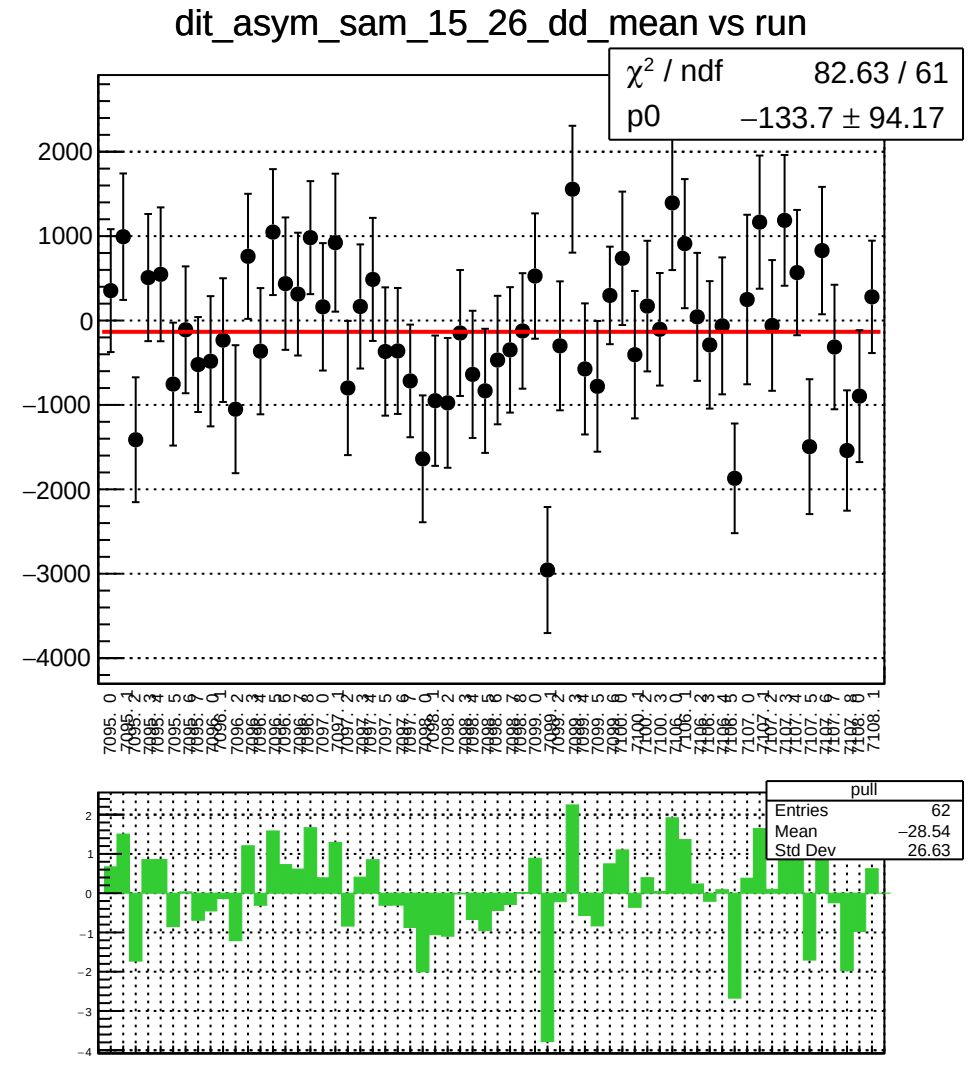

pull1D
Entries 62
Mean −0.007227
Std Dev 0.9855

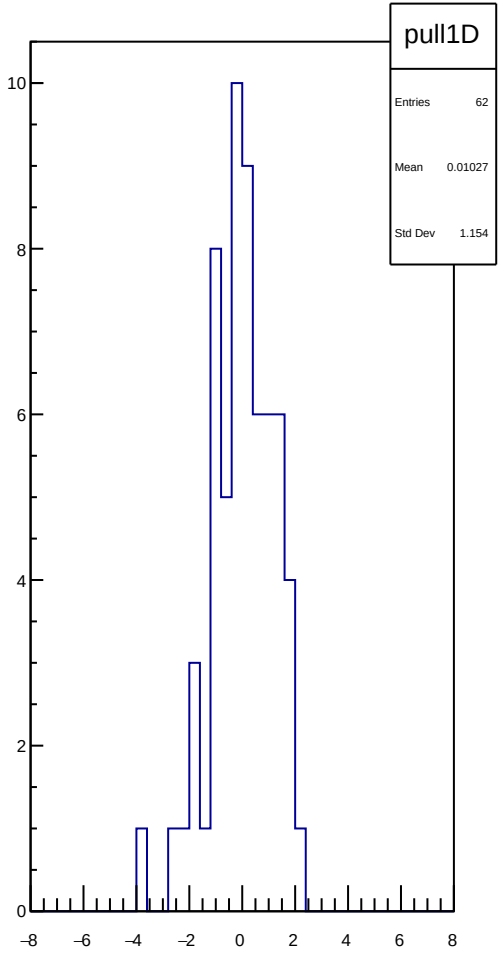

asym_sam_37_48_dd_correction_rms vs run
χ² / ndf 6966 / 61
p0 439.9 ± 0.4072
540
520
500
480
460
440
420
400
380

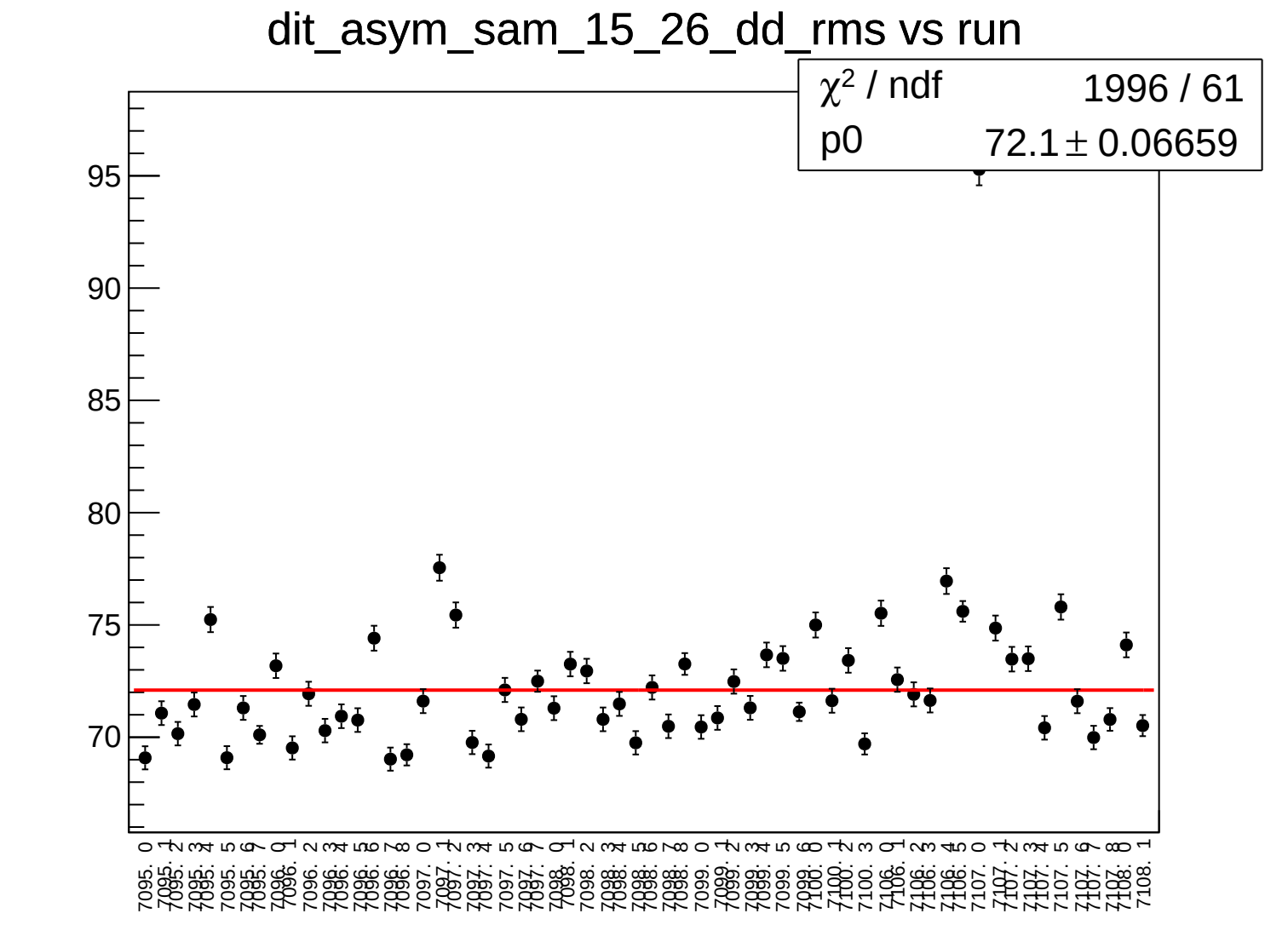

asym_sam_37_48_dd_mean vs run
χ² / ndf 59.26 / 61
p0 −961.6 ± 574.7
pull
Entries 62
Mean −256
Std Dev 281.5

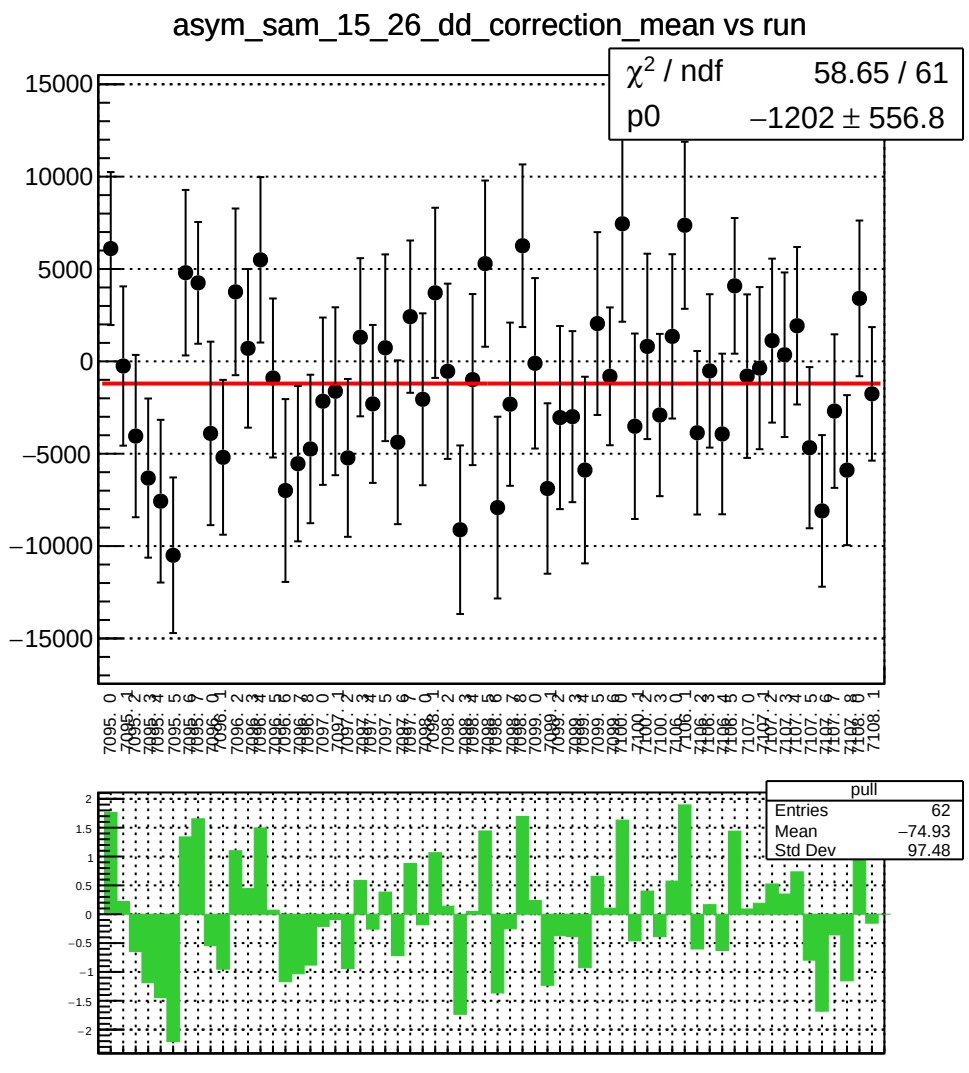

pull1D
Entries 62
Mean 0.01248
Std Dev 0.9775

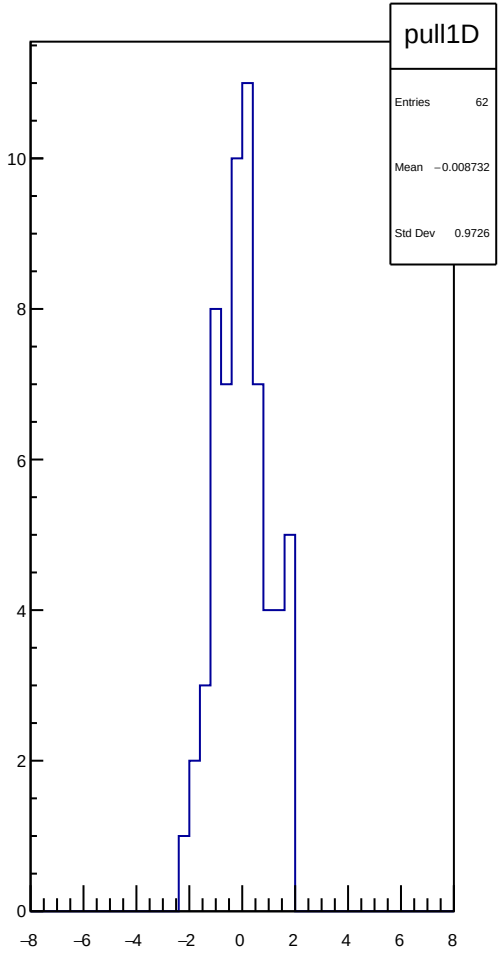

asym_sam_37_48_dd_rms vs run
χ² / ndf 7381 / 61
p0 439 ± 0.4064
560
540
520
500
480
460
440
420
400
380
360

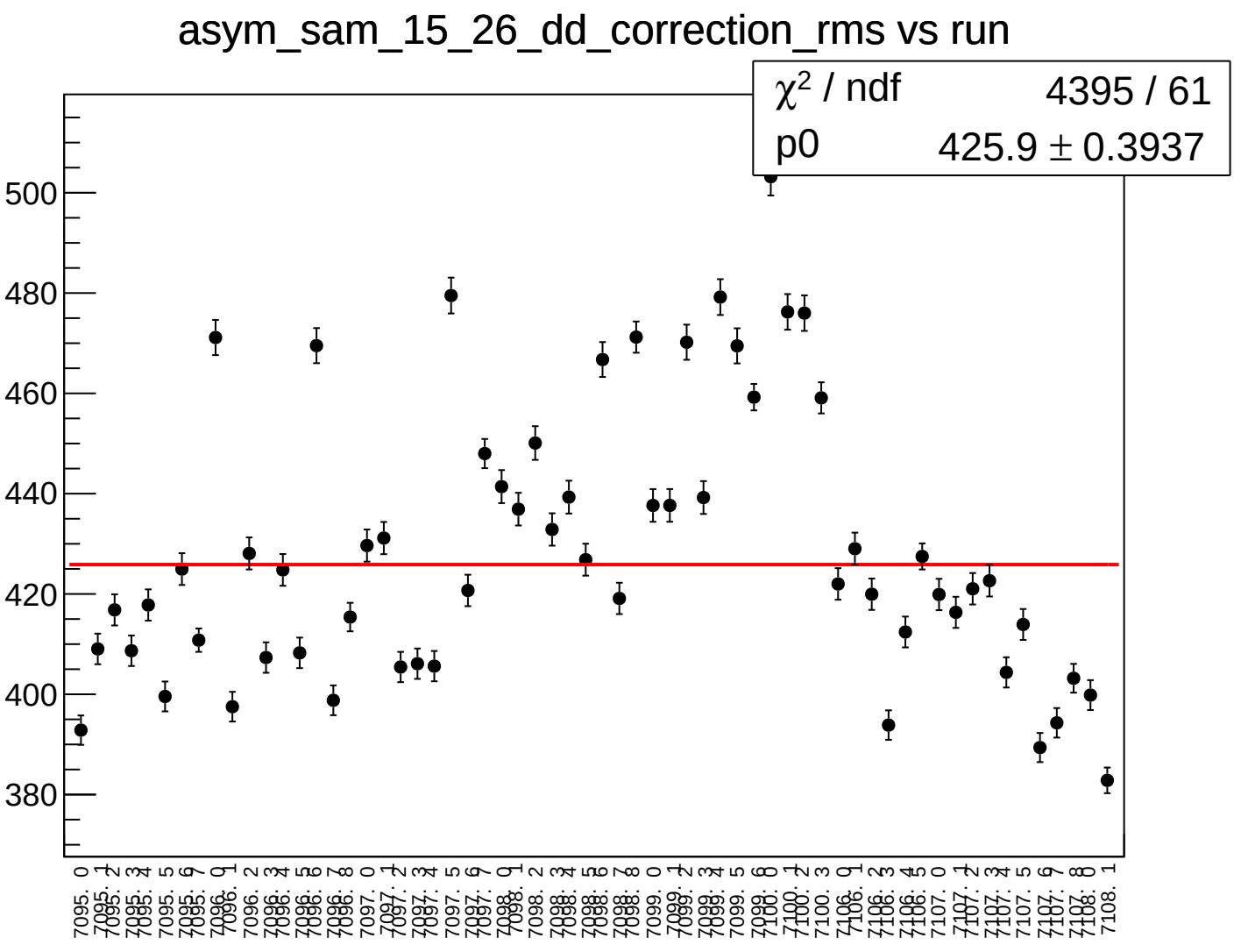

dit_asym_sam_15_26_dd_mean vs run
χ² / ndf 82.63 / 61
p0 −133.7 ± 94.17
pull
Entries 62
Mean −28.54
Std Dev 26.63

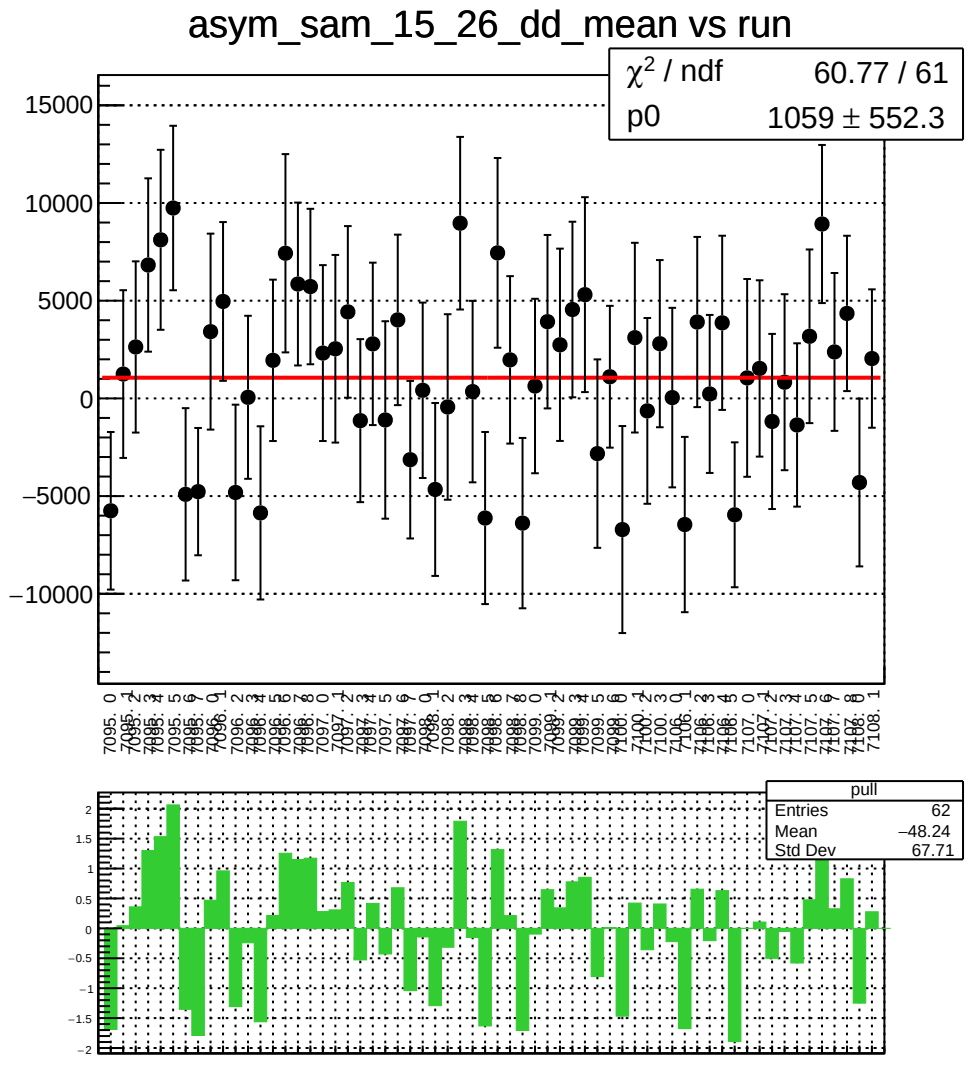

pull1D
Entries 62
Mean 0.01027
Std Dev 1.154

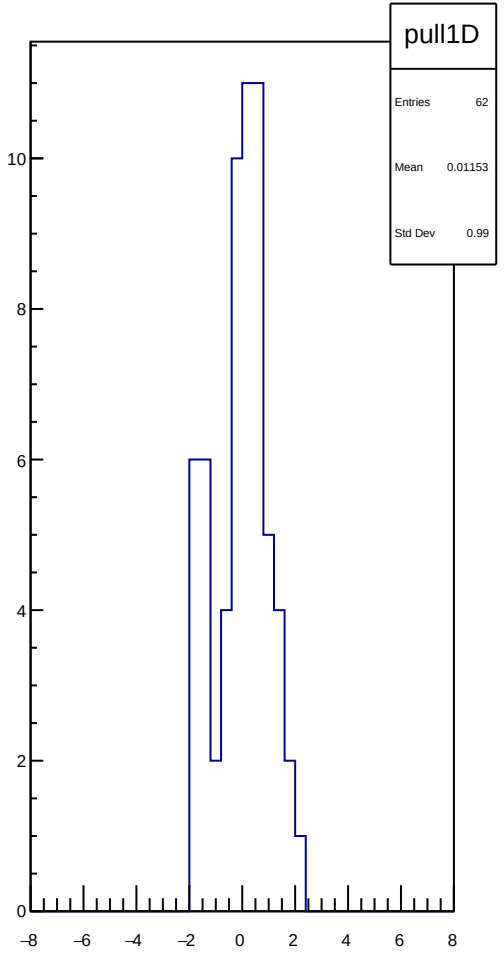

dit_asym_sam_15_26_dd_rms vs run
χ² / ndf 1996 / 61
p0 72.1 ± 0.06659
95
90
85
80
75
70

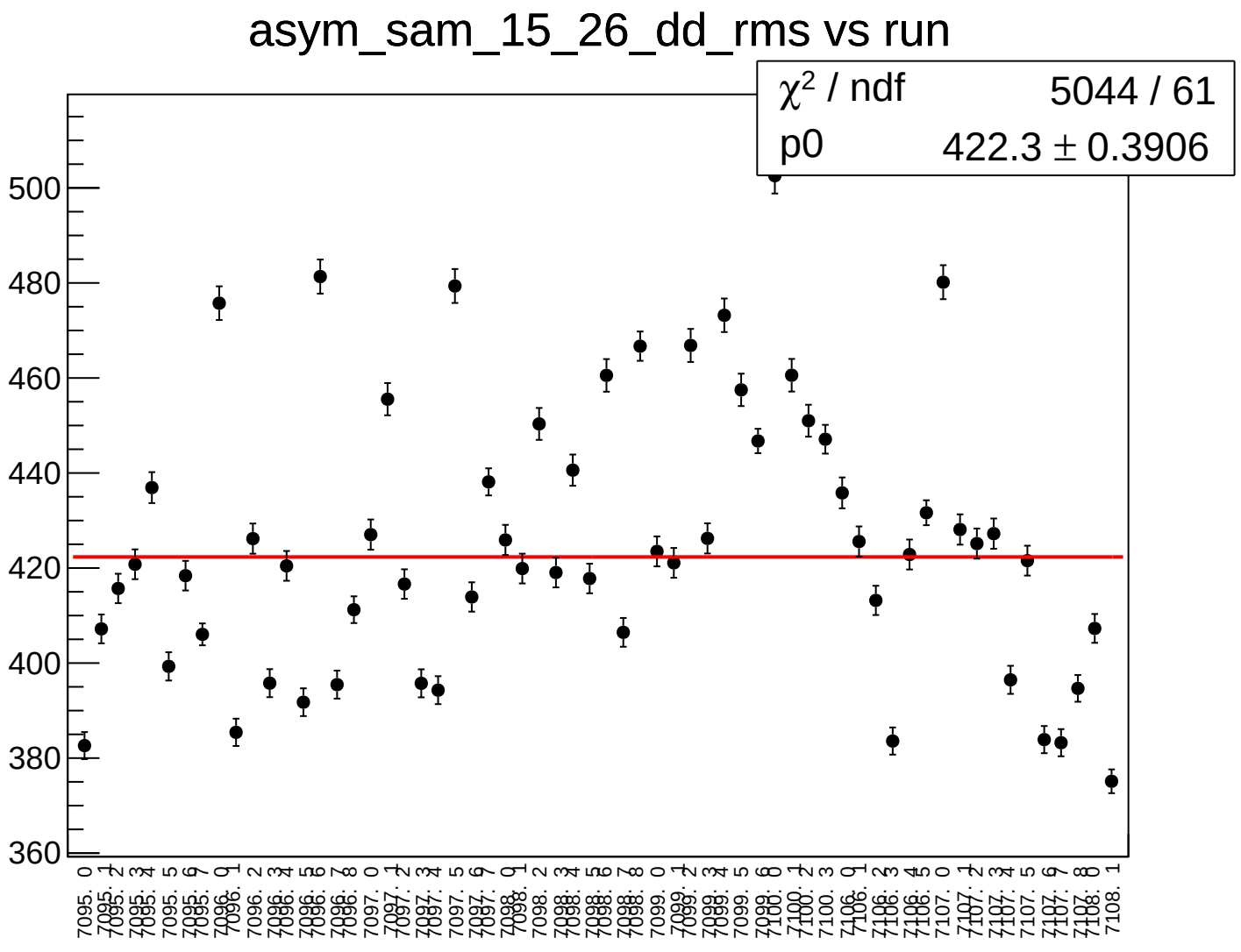

asym_sam_15_26_dd_correction_mean vs run
χ² / ndf 58.65 / 61
p0 −1202 ± 556.8
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 62
Mean −74.93
Std Dev 97.48
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

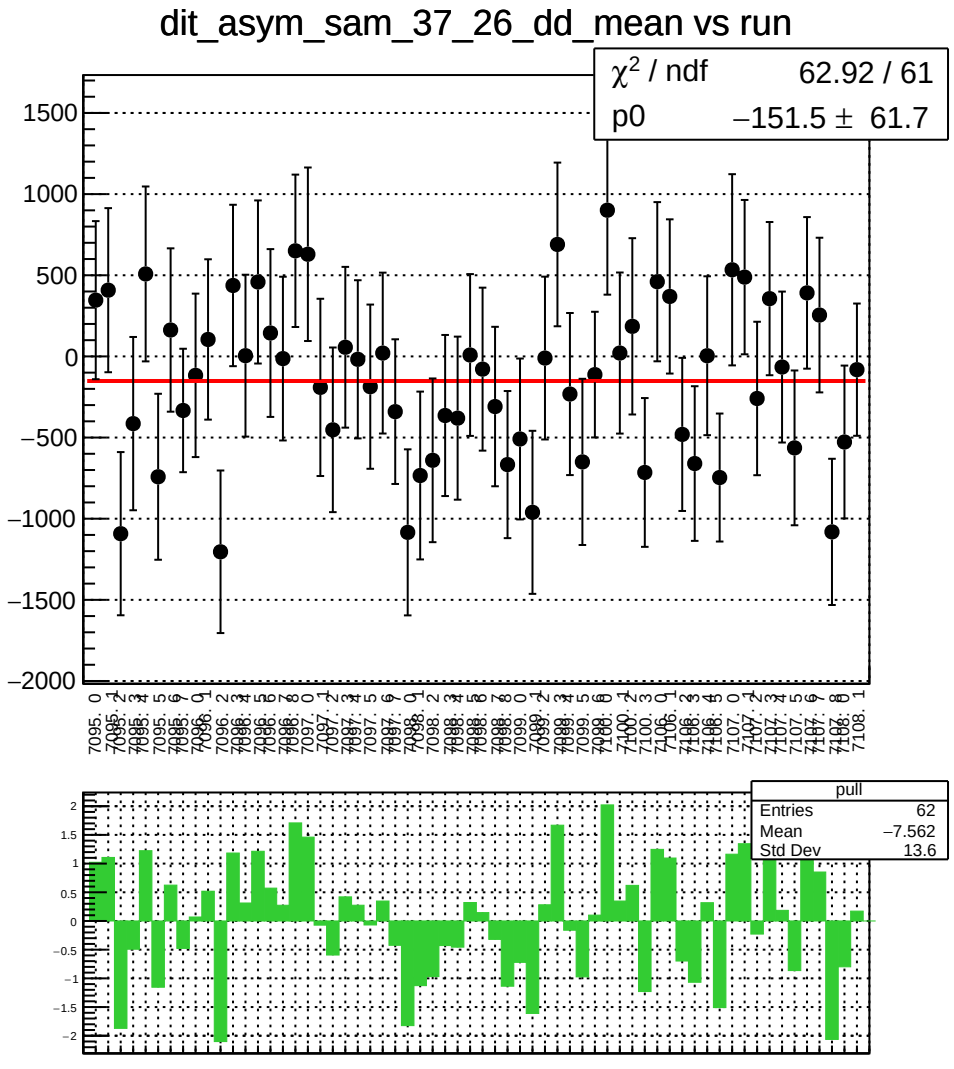

pull1D
Entries 62
Mean −0.008732
Std Dev 0.9726
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

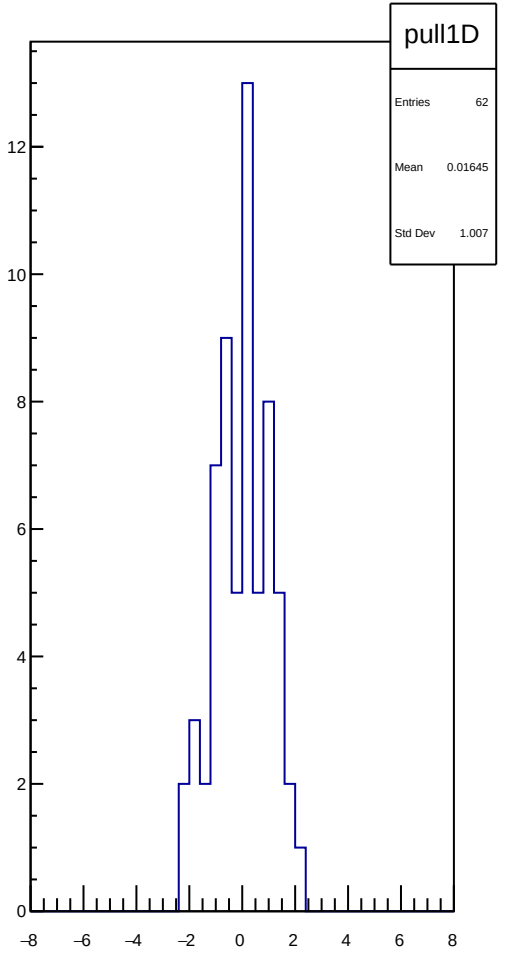

asym_sam_15_26_dd_correction_rms vs run
χ² / ndf 4395 / 61
p0 425.9 ± 0.3937
500
480
460
440
420
400
380

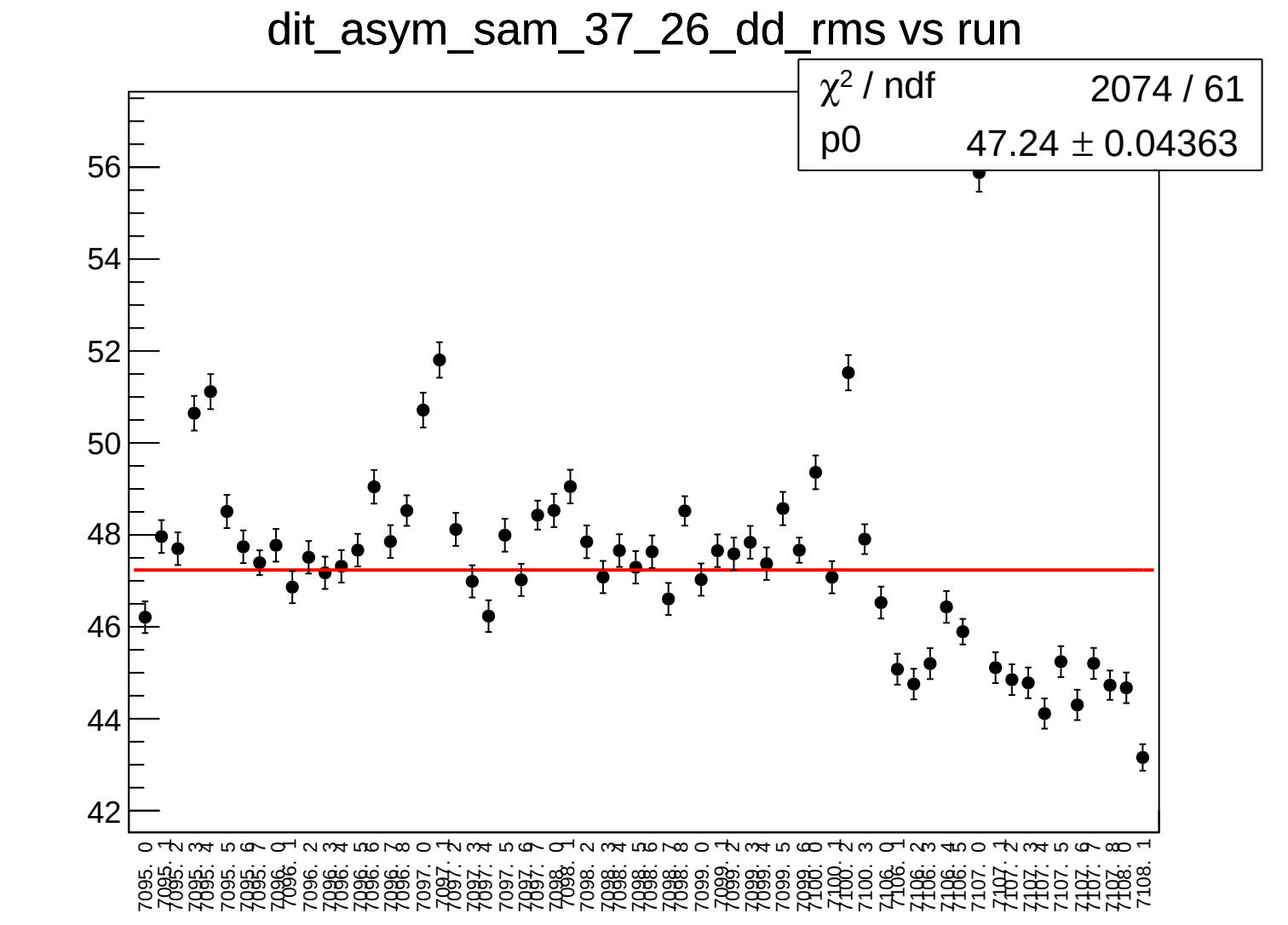

asym_sam_15_26_dd_mean vs run
χ² / ndf 60.77 / 61
p0 1059 ± 552.3
pull
Entries 62
Mean −48.24
Std Dev 67.71

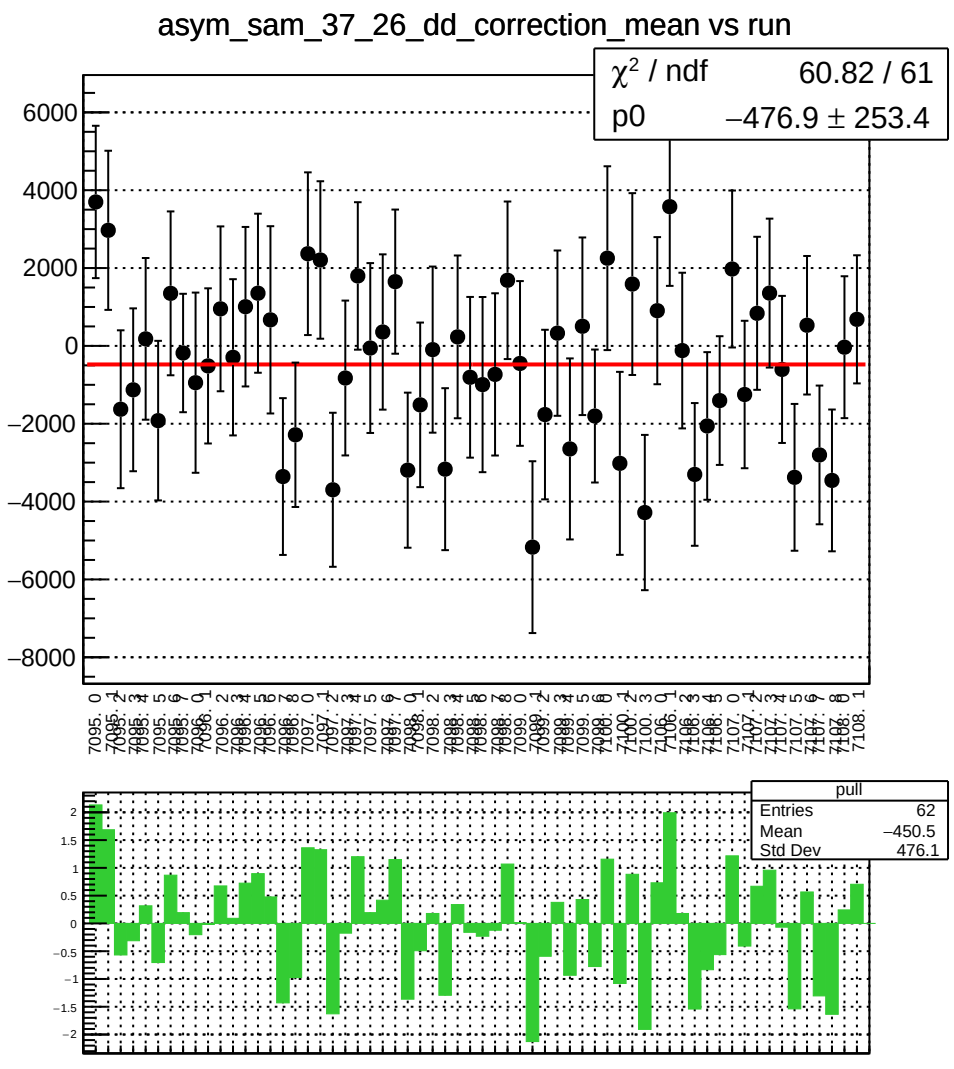

pull1D
Entries 62
Mean 0.01153
Std Dev 0.99

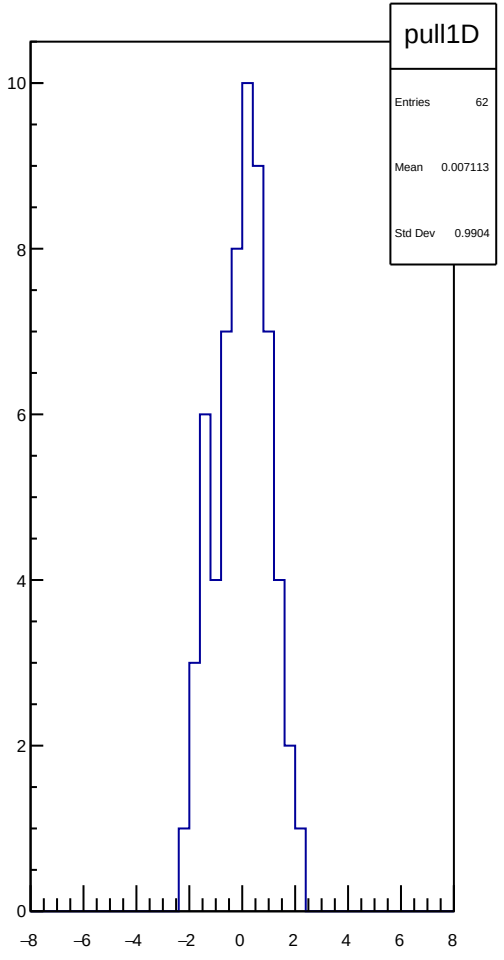

asym_sam_15_26_dd_rms vs run
χ² / ndf 5044 / 61
p0 422.3 ± 0.3906
500
480
460
440
420
400
380
360

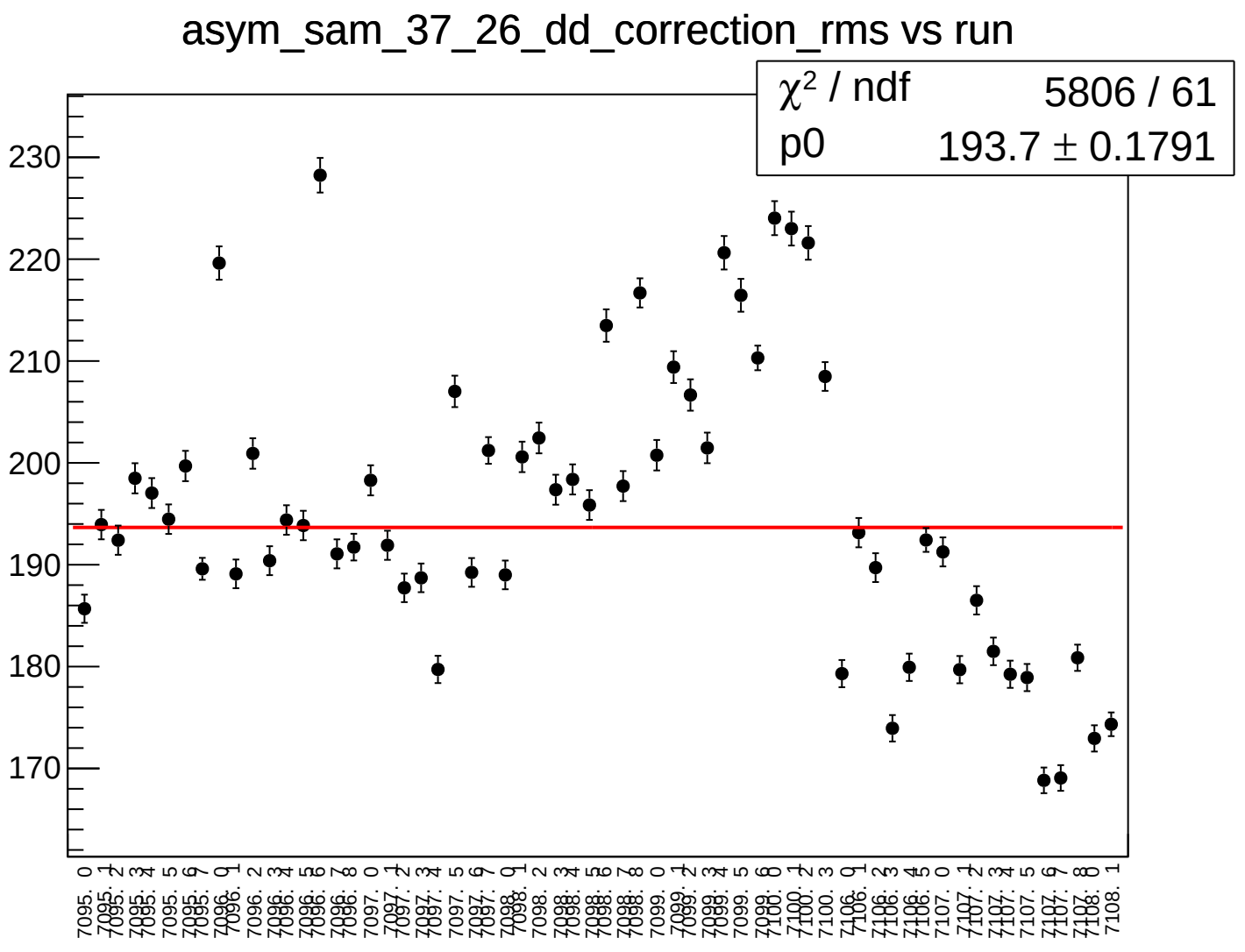

dit_asym_sam_37_26_dd_mean vs run
χ² / ndf 62.92 / 61
p0 −151.5 ± 61.7
pull
Entries 62
Mean −7.562
Std Dev 13.6

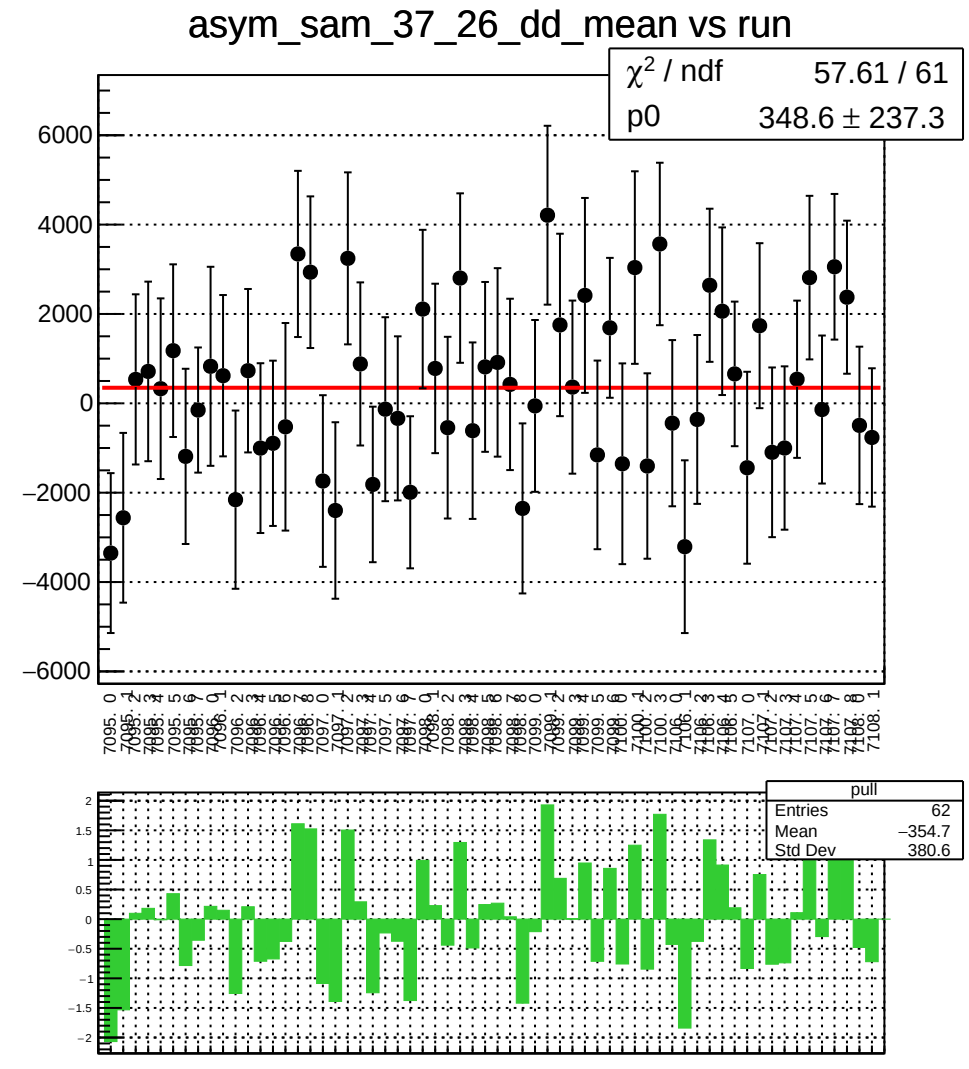

pull1D
Entries 62
Mean 0.01645
Std Dev 1.007

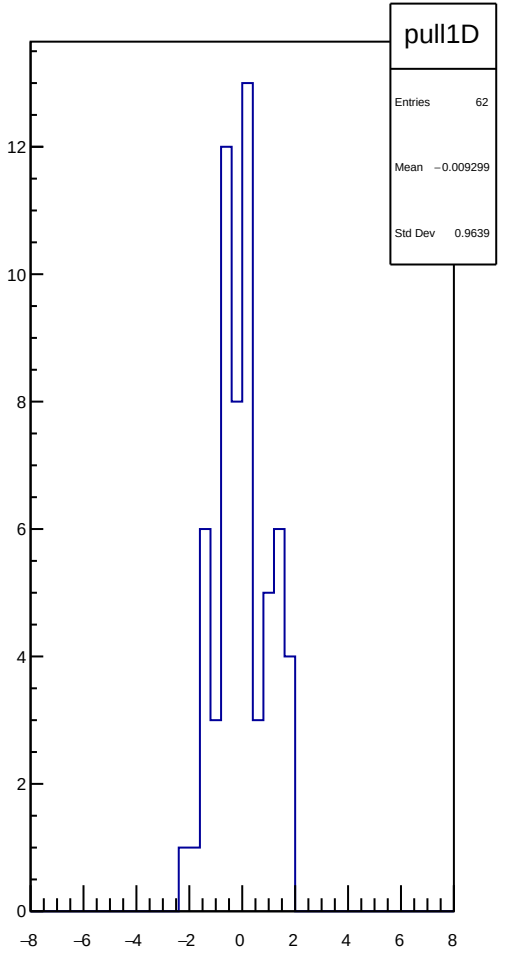

dit_asym_sam_37_26_dd_rms vs run
χ² / ndf 2074 / 61
p0 47.24 ± 0.04363
56
54
52
50
48
46
44
42
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

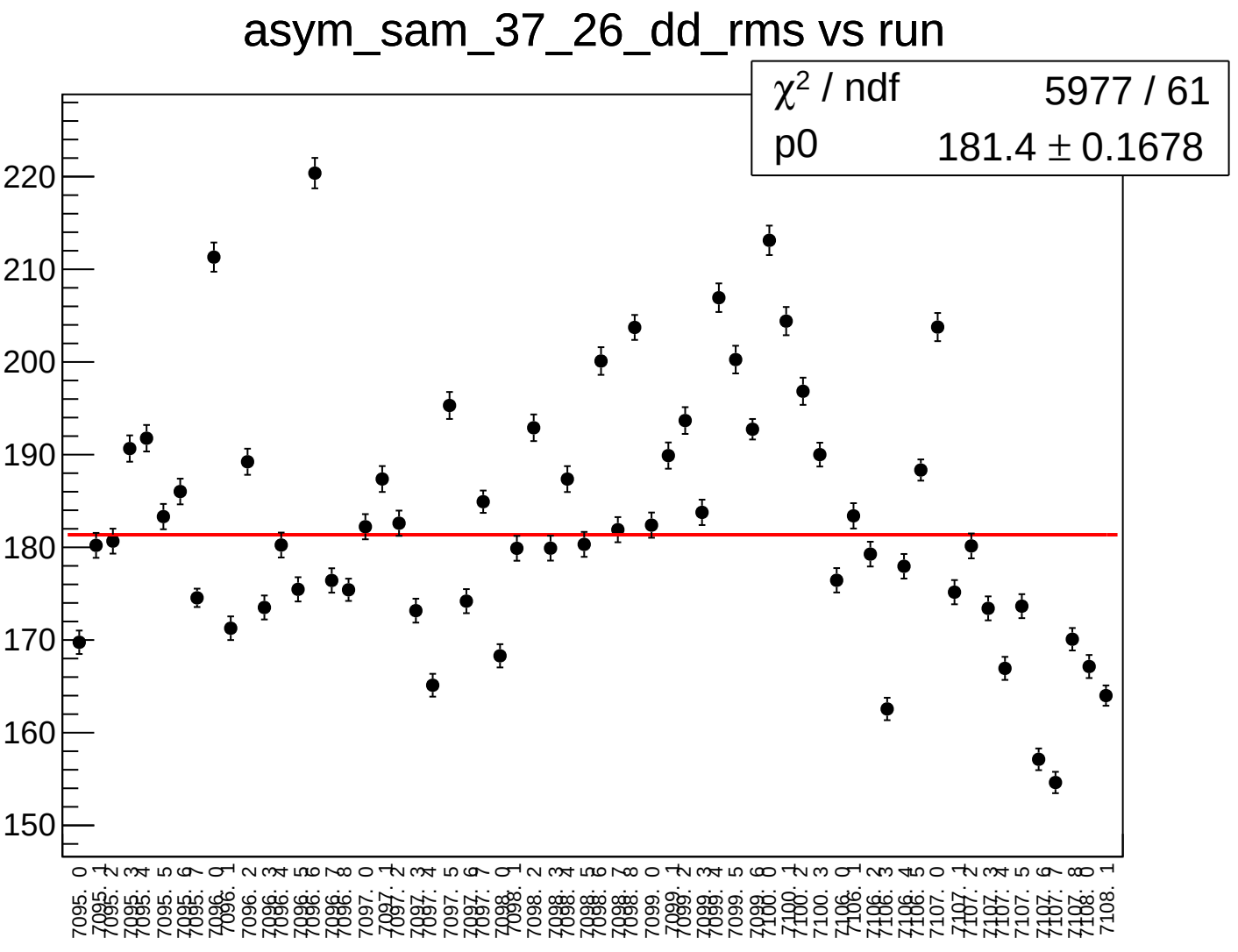

asym_sam_37_26_dd_correction_mean vs run
χ² / ndf 60.82 / 61
p0 −476.9 ± 253.4
pull
Entries 62
Mean −450.5
Std Dev 476.1

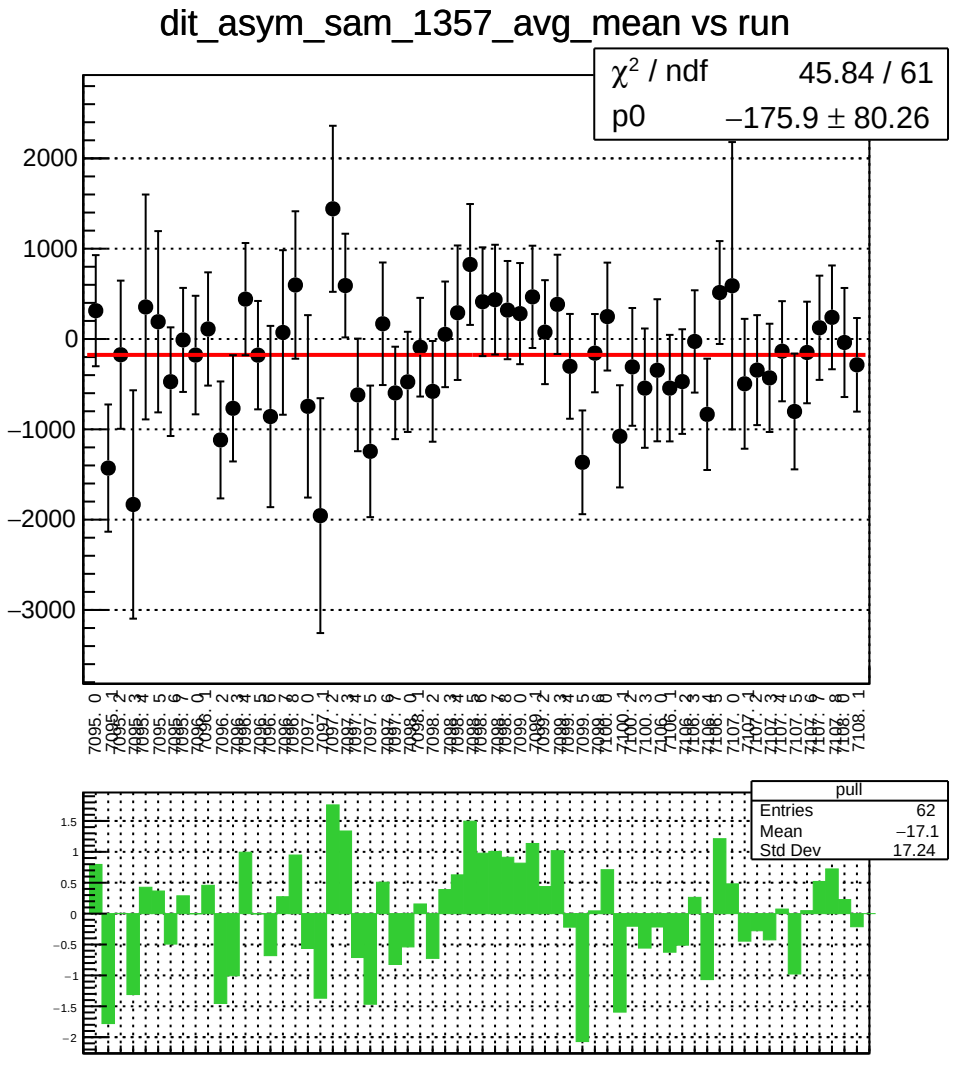

pull1D
Entries 62
Mean 0.007113
Std Dev 0.9904

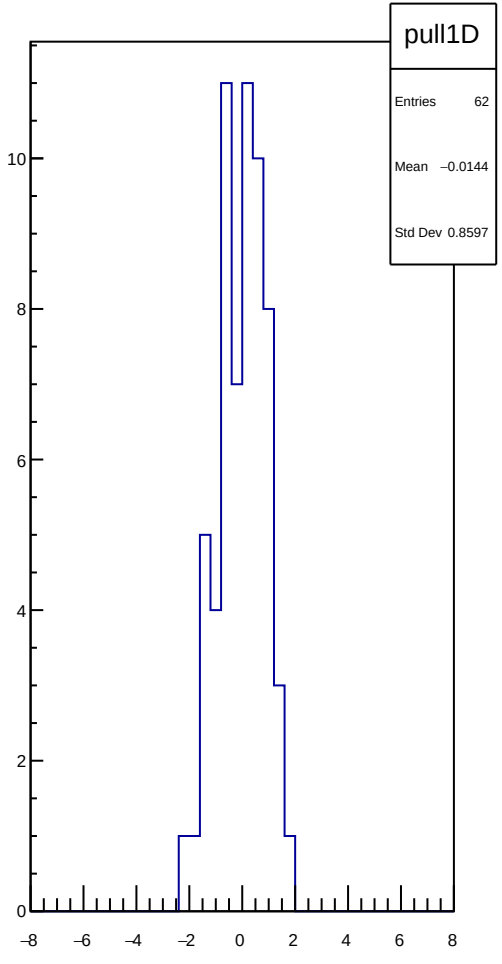

asym_sam_37_26_dd_correction_rms vs run
χ² / ndf 5806 / 61
p0 193.7 ± 0.1791
230
220
210
200
190
180
170

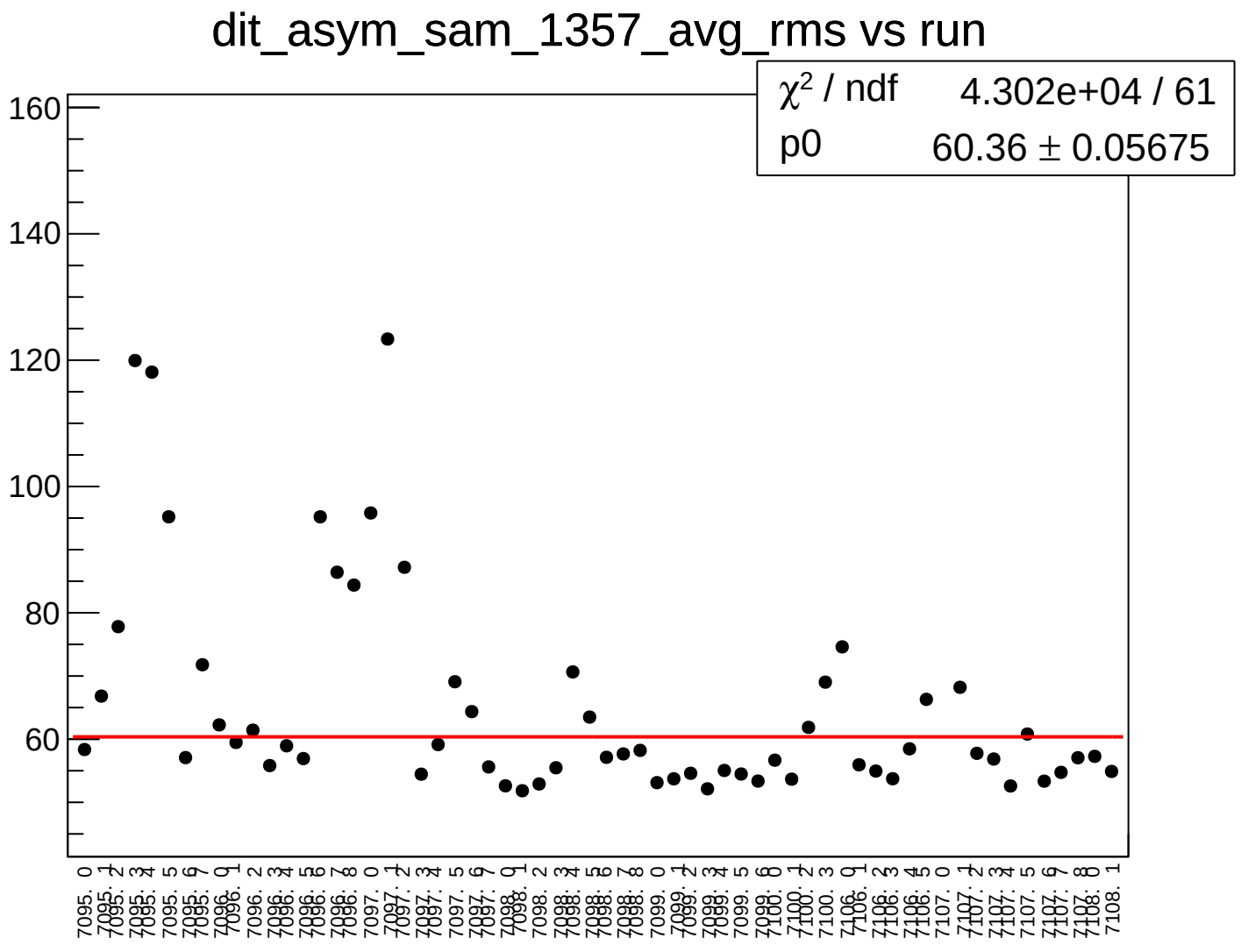

asym_sam_37_26_dd_mean vs run
χ² / ndf 57.61 / 61
p0 348.6 ± 237.3
pull
Entries 62
Mean −354.7
Std Dev 380.6

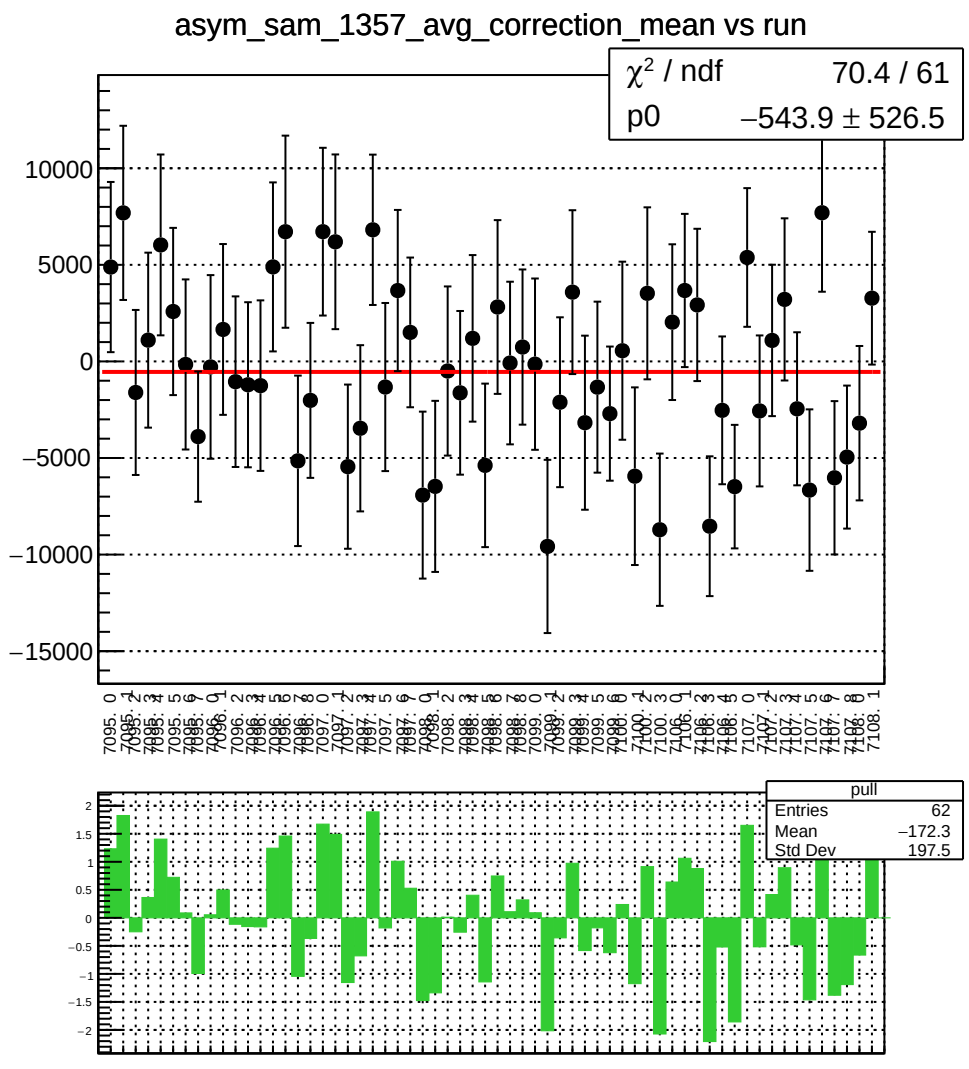

pull1D
Entries 62
Mean −0.009299
Std Dev 0.9639

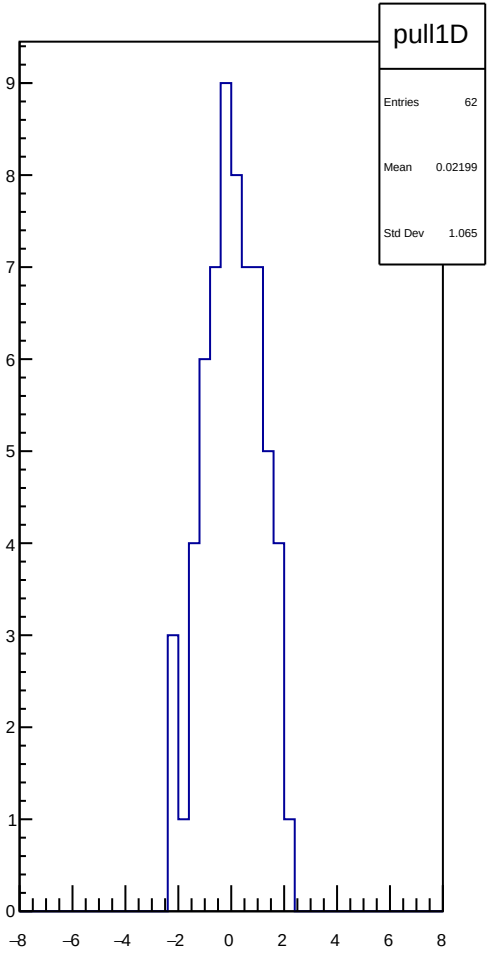

asym_sam_37_26_dd_rms vs run
χ^2 / ndf 5977 / 61
p0 181.4 ± 0.1678
220
210
200
190
180
170
160
150
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7108. 0
7108. 1

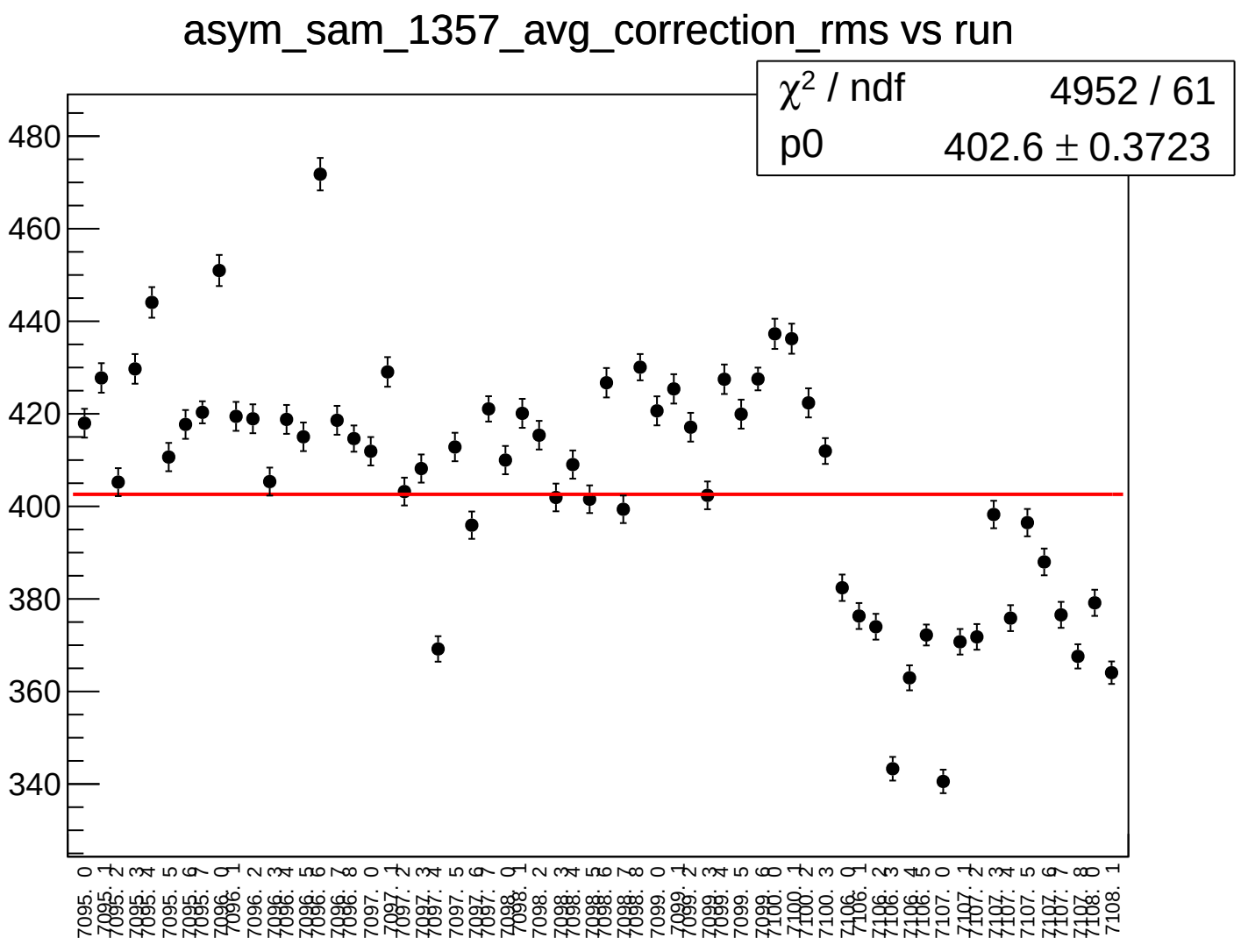

dit_asym_sam_1357_avg_mean vs run
χ² / ndf 45.84 / 61
p0 −175.9 ± 80.26
pull
Entries 62
Mean −17.1
Std Dev 17.24

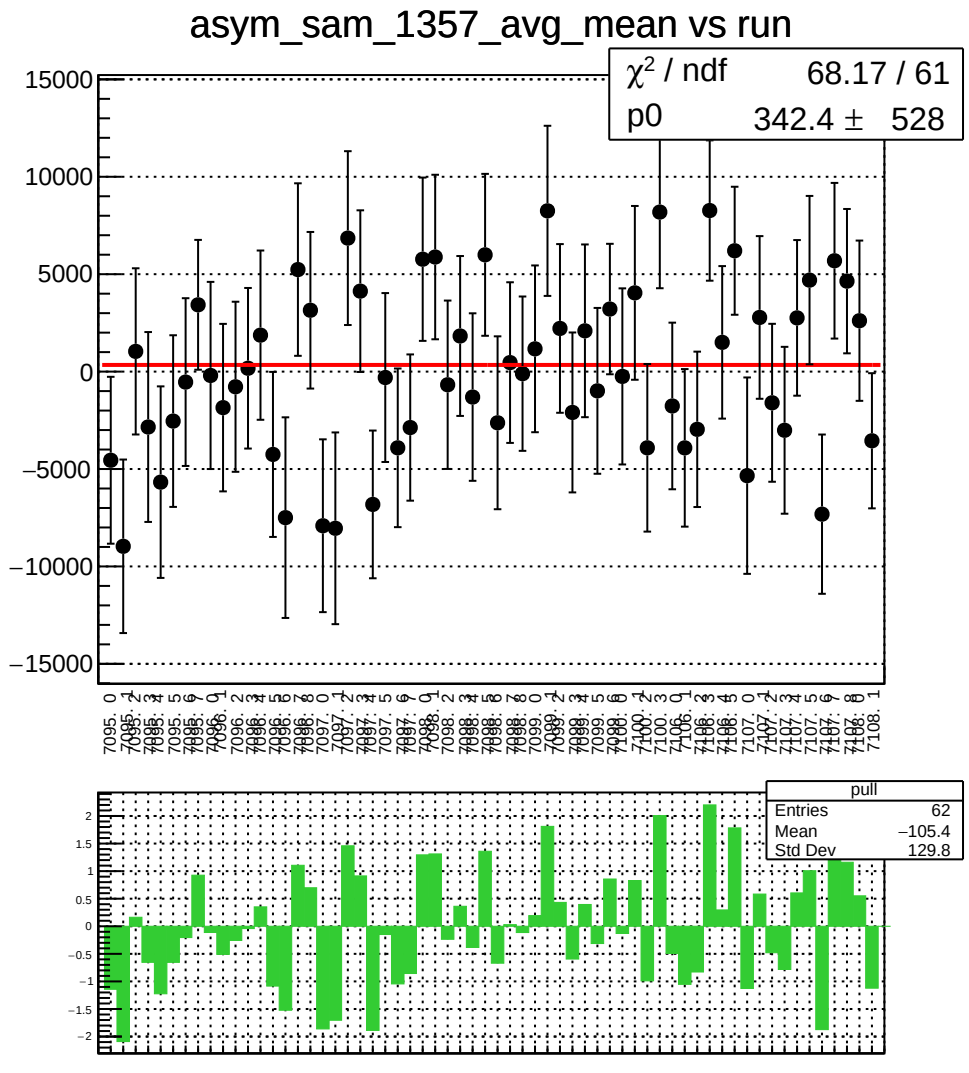

pull1D
Entries 62
Mean −0.0144
Std Dev 0.8597

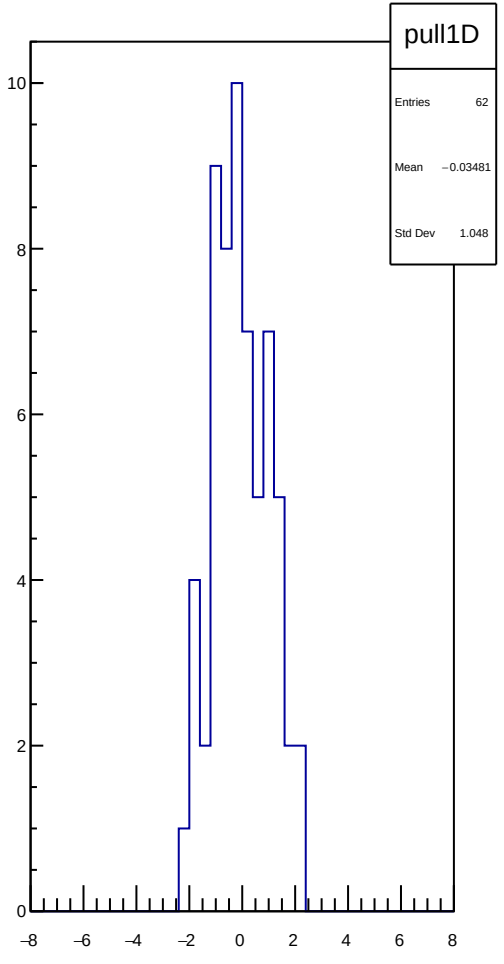

dit_asym_sam_1357_avg_rms vs run
χ² / ndf 4.302e+04 / 61
p0 60.36 ± 0.05675
160
140
120
100
80
60

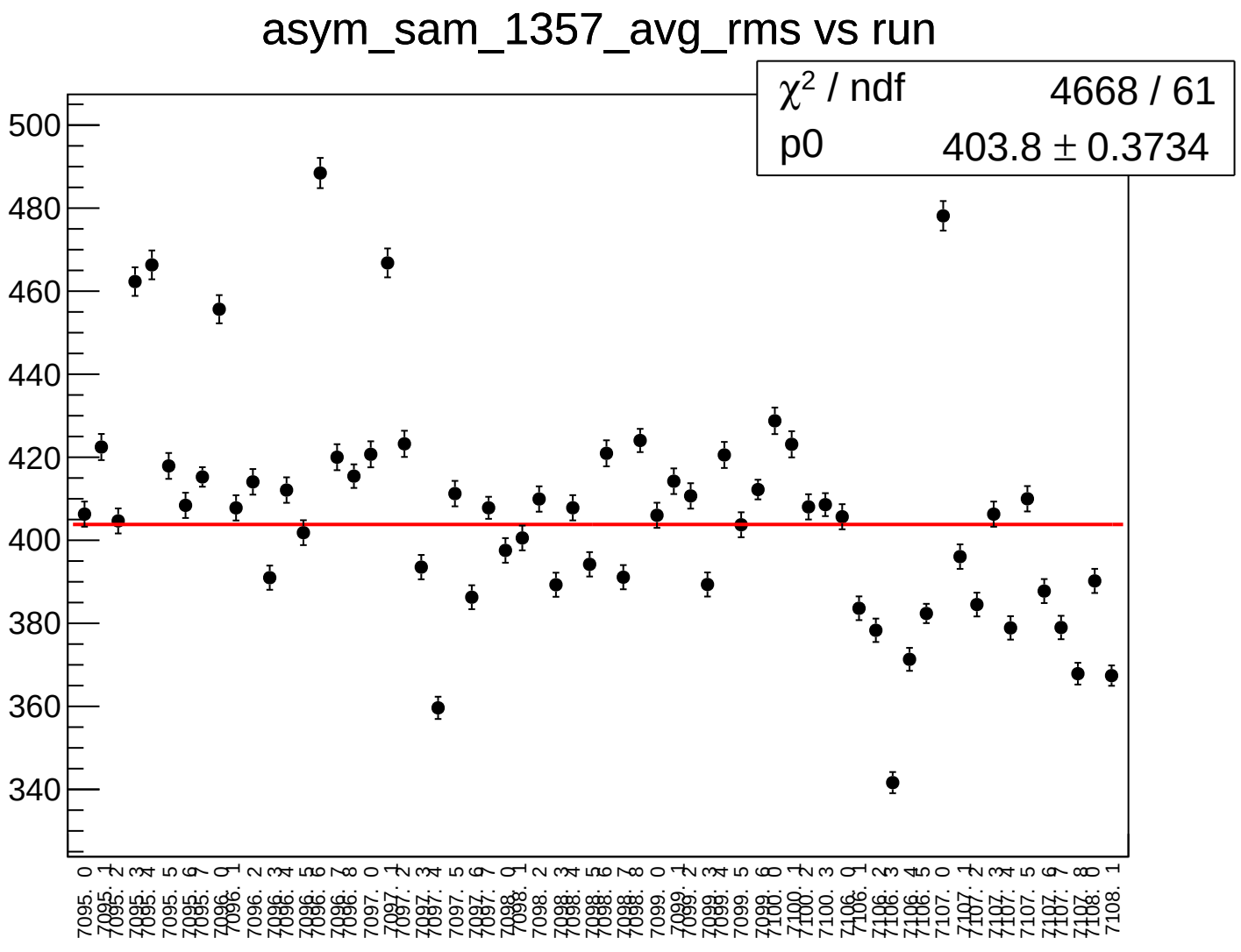

asym_sam_1357_avg_correction_mean vs run
χ² / ndf 70.4 / 61
p0 −543.9 ± 526.5
10000
5000
0
−5000
−10000
−15000
pull
Entries 62
Mean −172.3
Std Dev 197.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

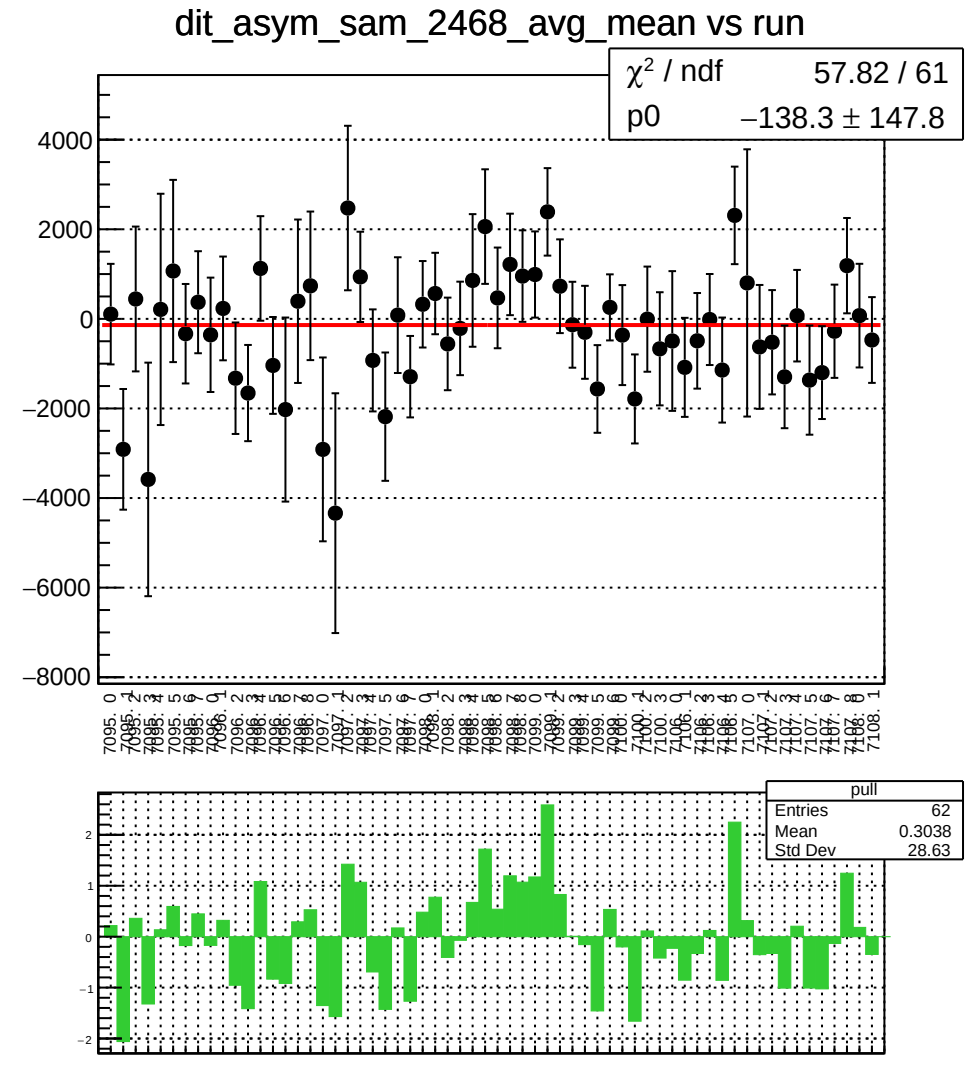

pull1D
Entries 62
Mean 0.02199
Std Dev 1.065
9
8
7
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

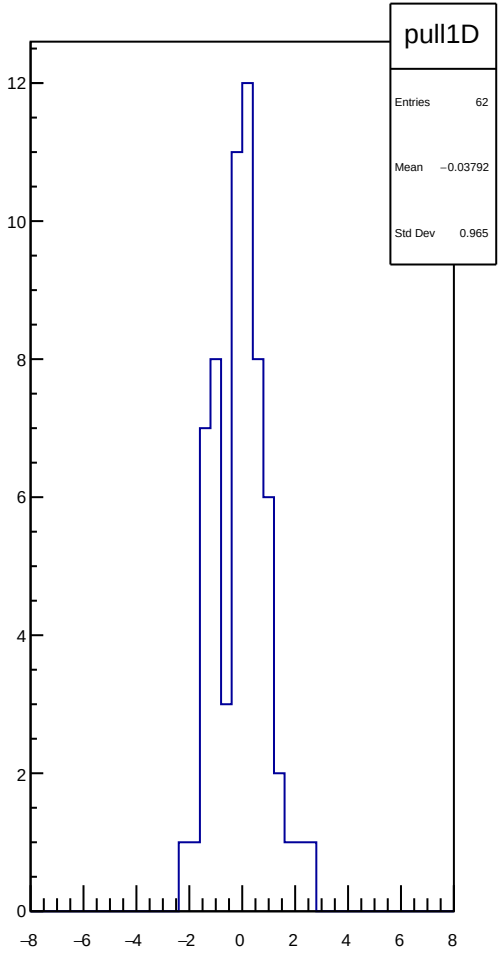

asym_sam_1357_avg_correction_rms vs run
χ² / ndf 4952 / 61
p0 402.6 ± 0.3723
480
460
440
420
400
380
360
340
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

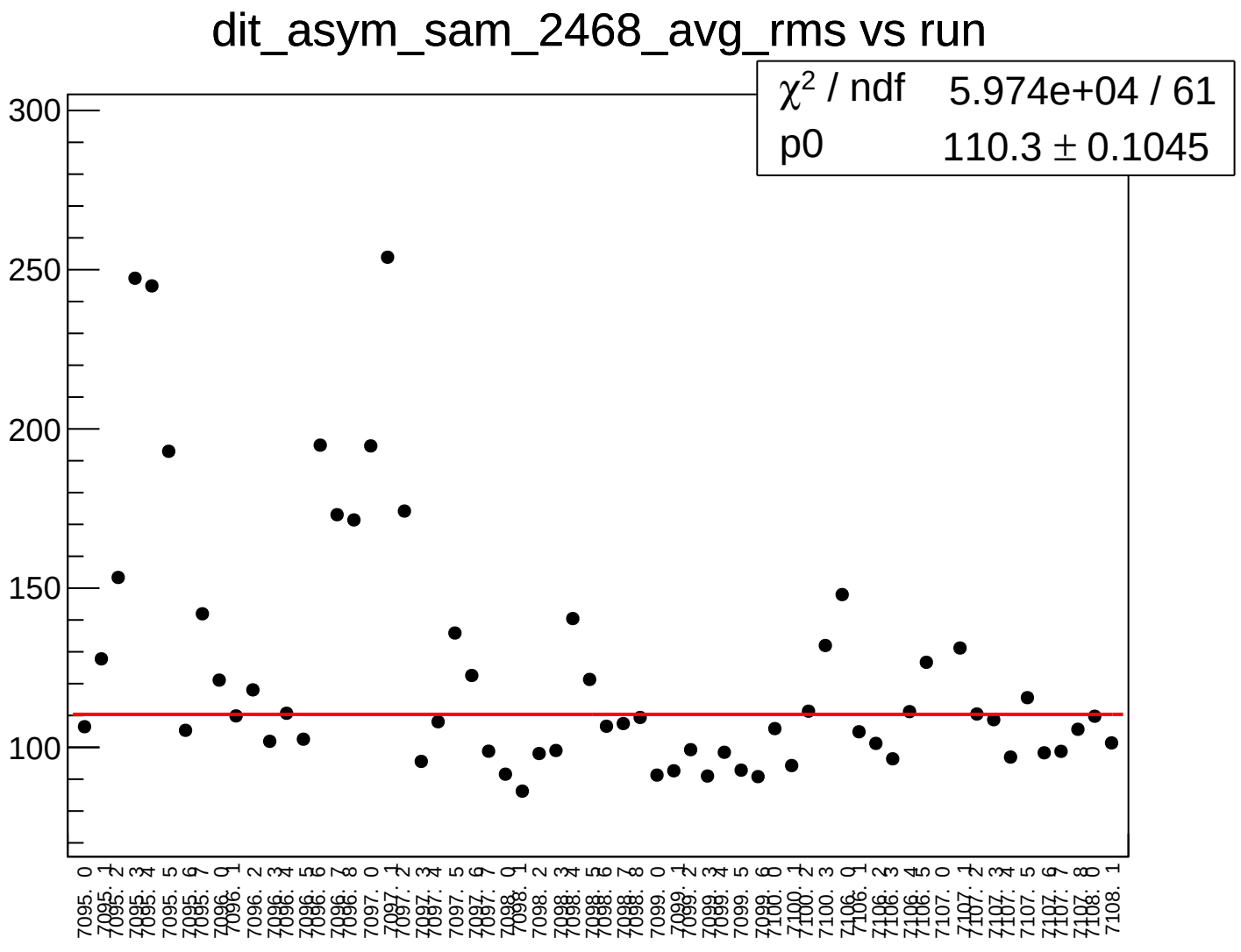

asym_sam_1357_avg_mean vs run
χ² / ndf 68.17 / 61
p0 342.4 ± 528
pull
Entries 62
Mean −105.4
Std Dev 129.8

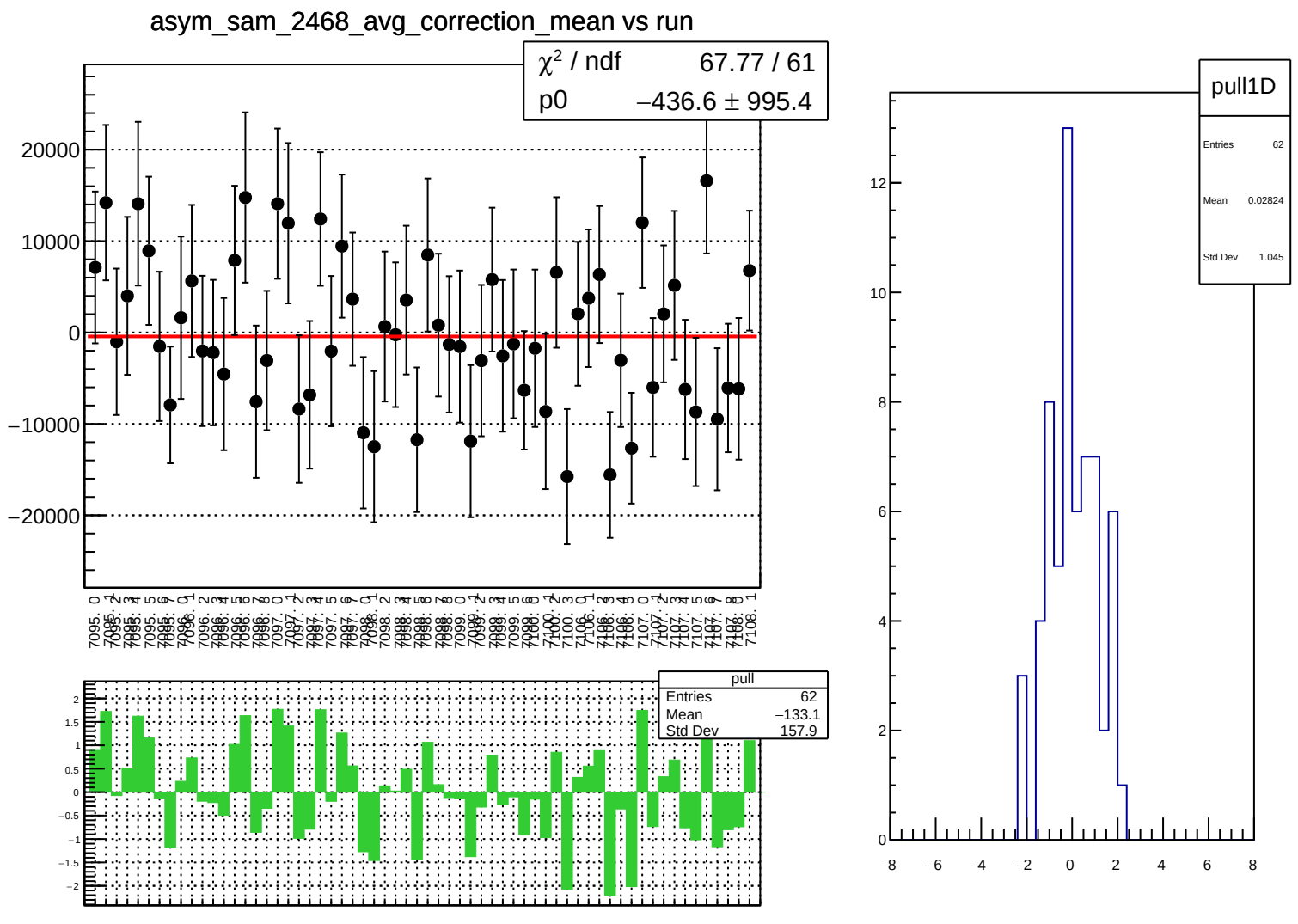

pull1D
Entries 62
Mean −0.03481
Std Dev 1.048

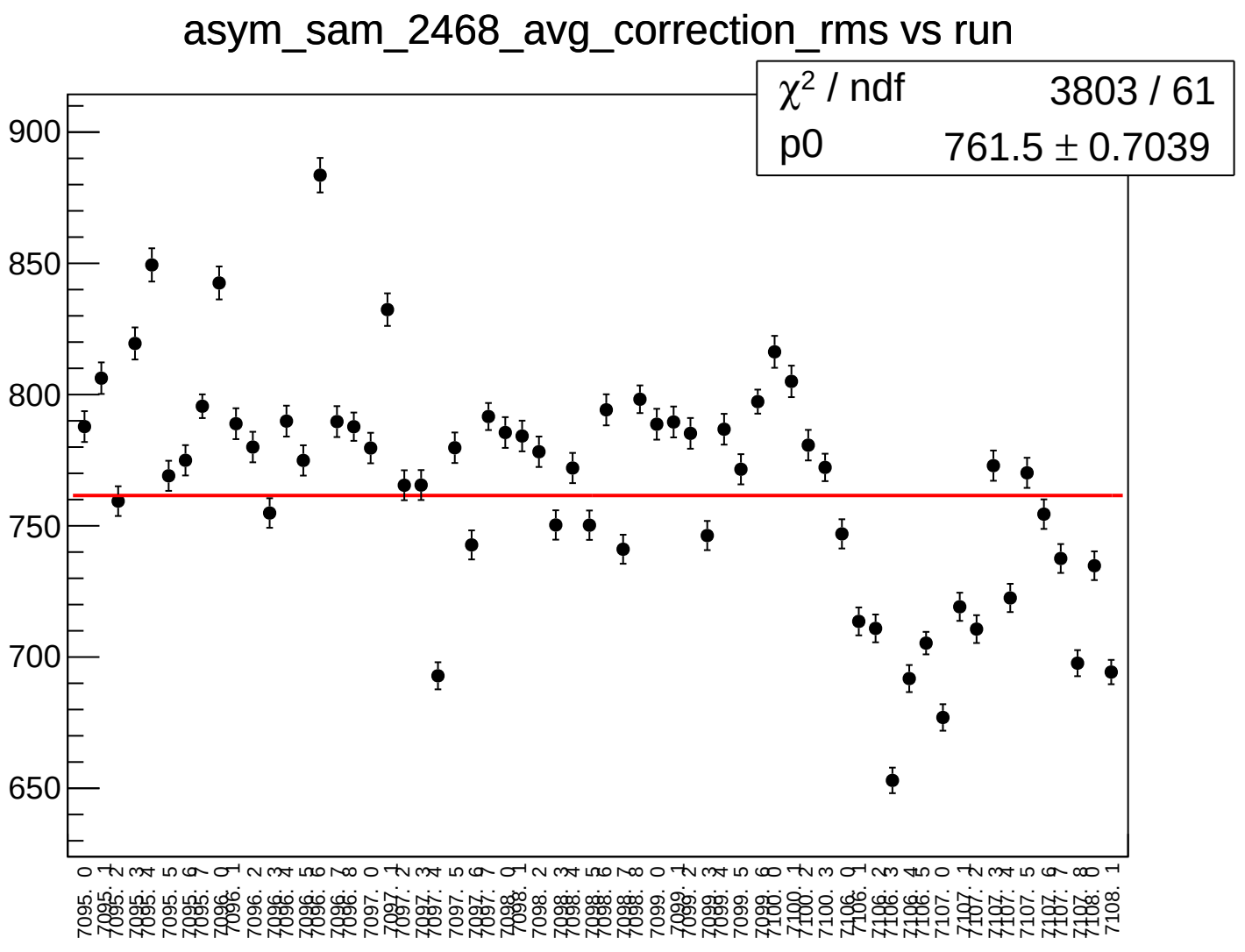

asym_sam_1357_avg_rms vs run
χ² / ndf 4668 / 61
p0 403.8 ± 0.3734
500
480
460
440
420
400
380
360
340
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7100. 4
7100. 5
7100. 6
7100. 7
7100. 8
7100. 9
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7106. 6
7106. 7
7106. 8
7106. 9
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

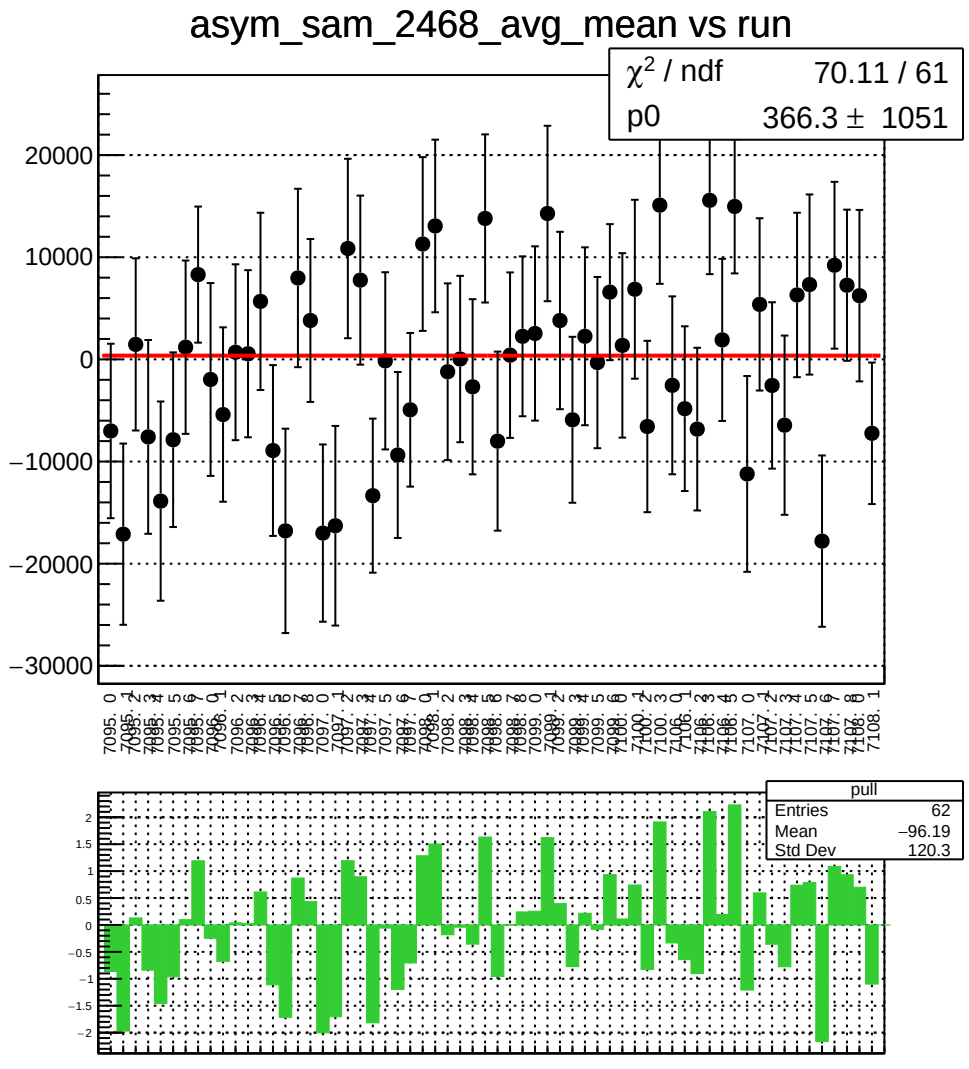

dit_asym_sam_2468_avg_mean vs run
χ² / ndf 57.82 / 61
p0 −138.3 ± 147.8
pull
Entries 62
Mean 0.3038
Std Dev 28.63

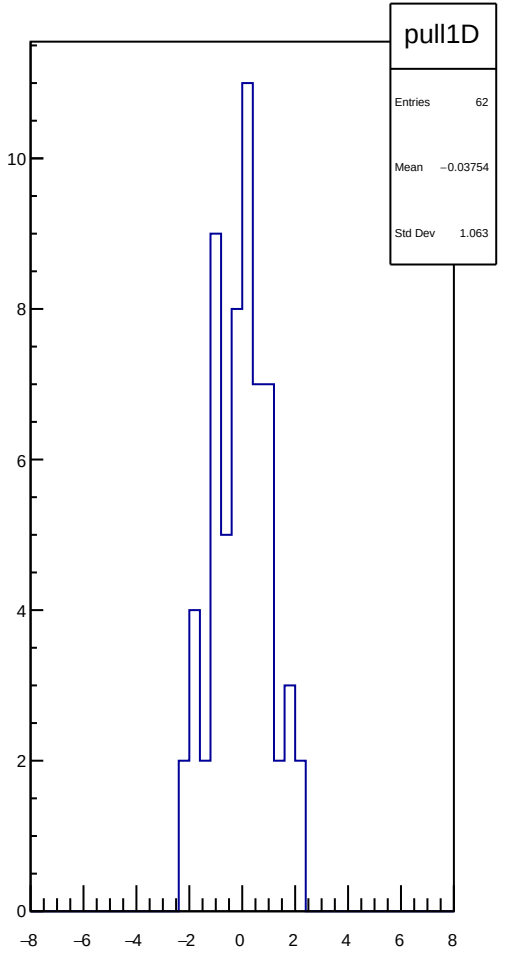

pull1D
Entries 62
Mean −0.03792
Std Dev 0.965

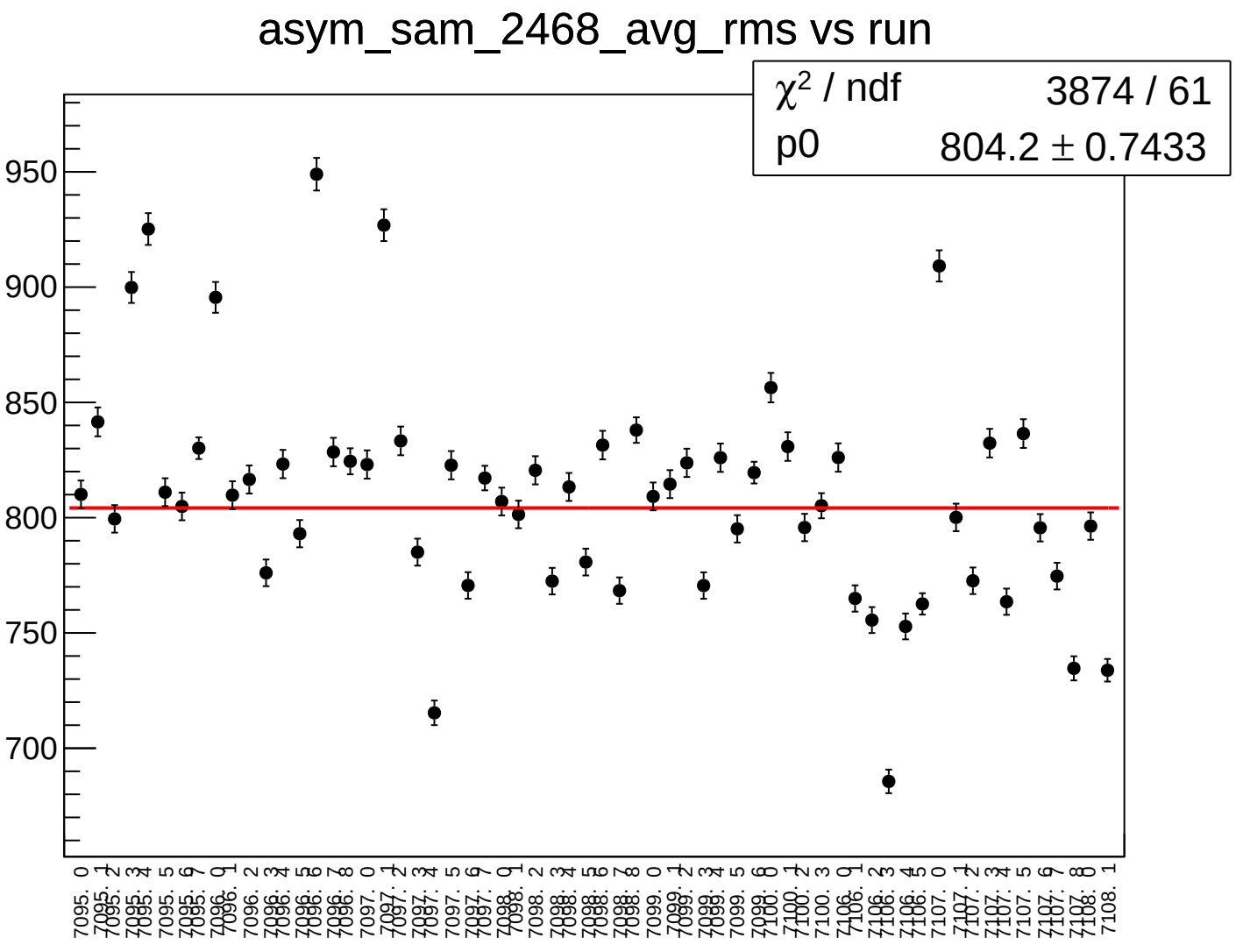

dit_asym_sam_2468_avg_rms vs run
χ^2 / ndf 5.974e+04 / 61
p0 110.3 ± 0.1045
300
250
200
150
100

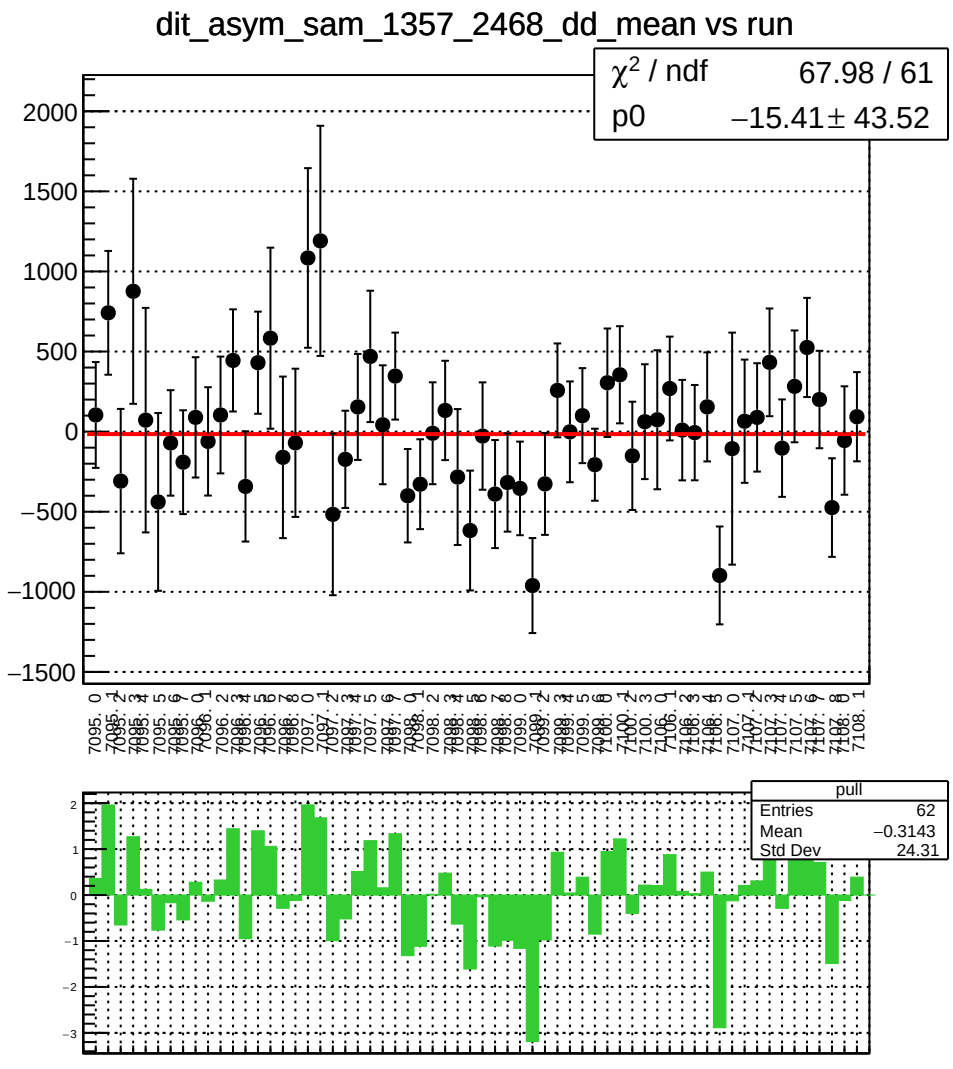

asym_sam_2468_avg_correction_mean vs run
χ² / ndf 67.77 / 61
p0 −436.6 ± 995.4
20000
10000
0
−10000
−20000
pull
Entries 62
Mean −133.1
Std Dev 157.9
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
pull1D
Entries 62
Mean 0.02824
Std Dev 1.045
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

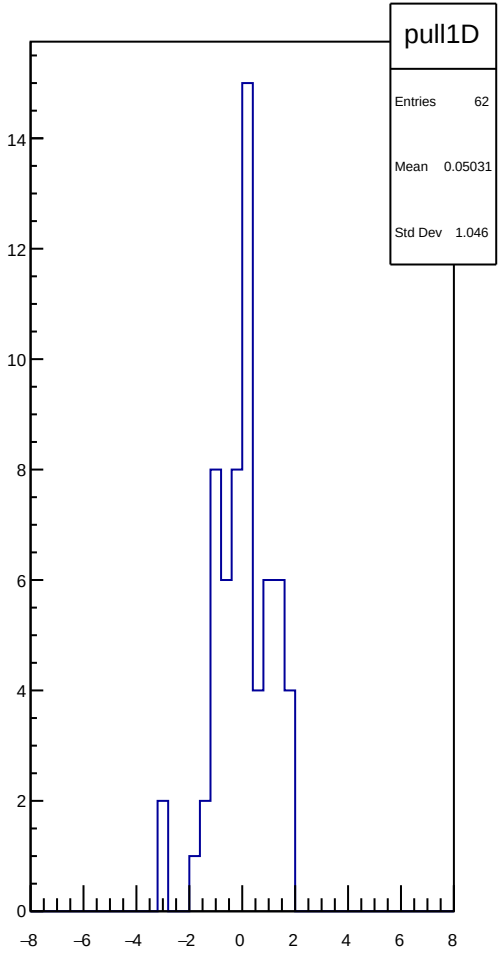

asym_sam_2468_avg_correction_rms vs run
χ² / ndf 3803 / 61
p0 761.5 ± 0.7039
900
850
800
750
700
650

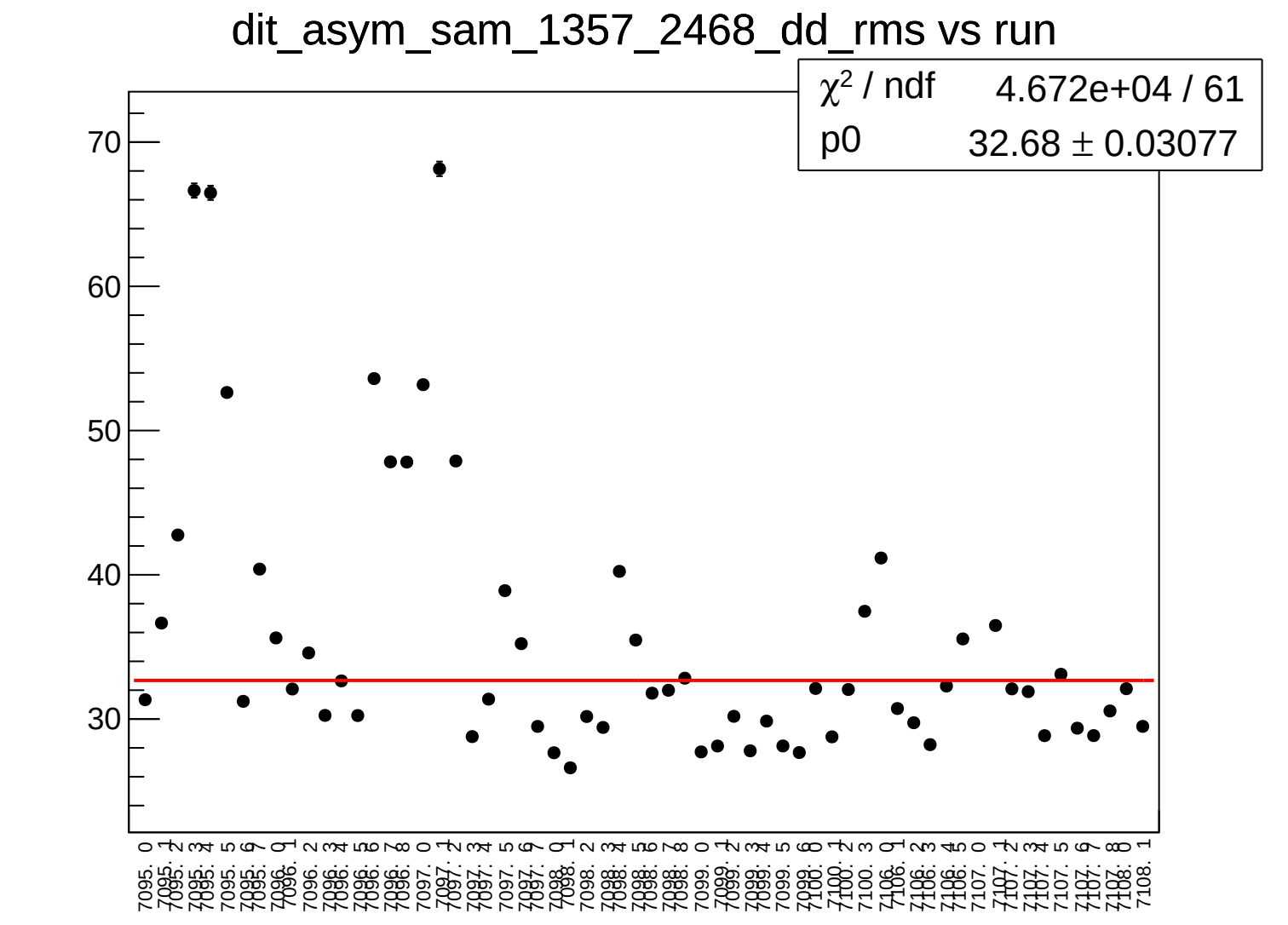

asym_sam_2468_avg_mean vs run
χ² / ndf 70.11 / 61
p0 366.3 ± 1051
20000
10000
0
−10000
−20000
−30000
pull
Entries 62
Mean −96.19
Std Dev 120.3
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

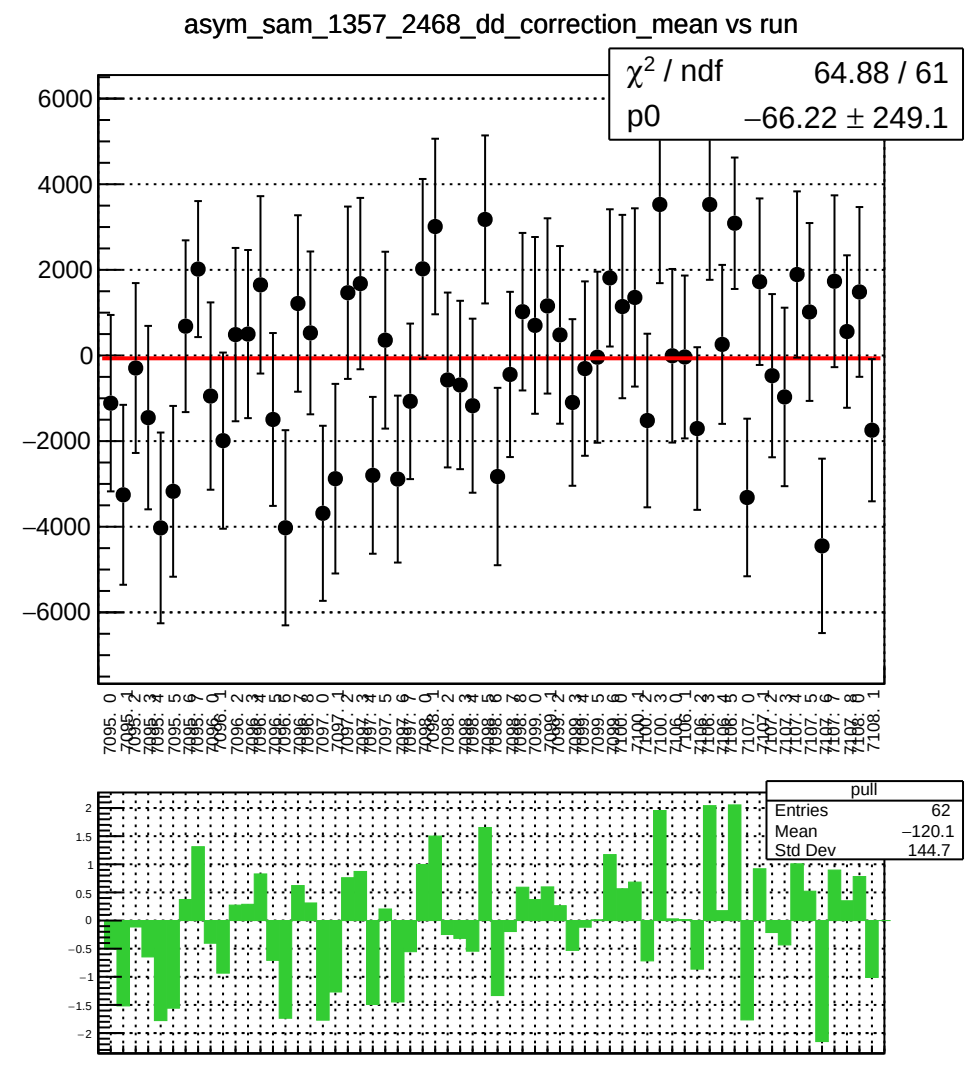

pull1D
Entries 62
Mean −0.03754
Std Dev 1.063
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

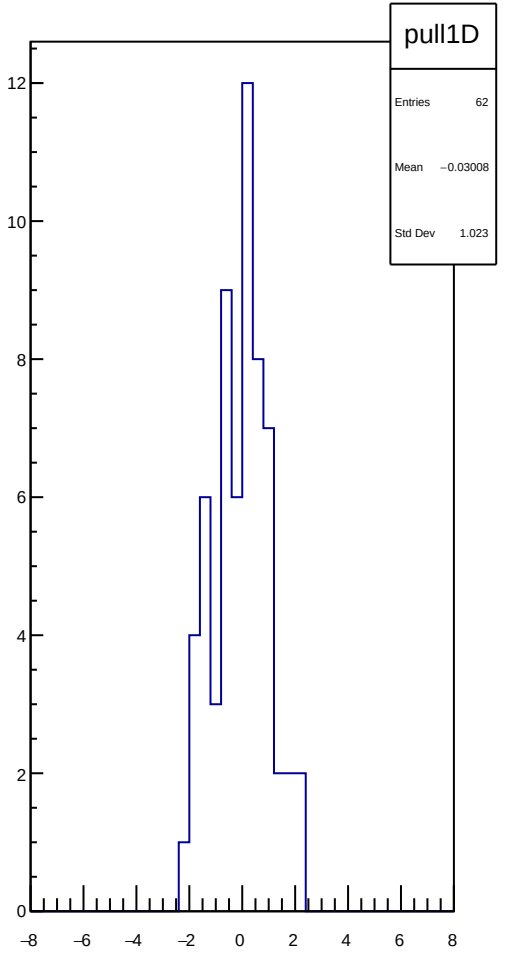

asym_sam_2468_avg_rms vs run
χ² / ndf 3874 / 61
p0 804.2 ± 0.7433
950
900
850
800
750
700

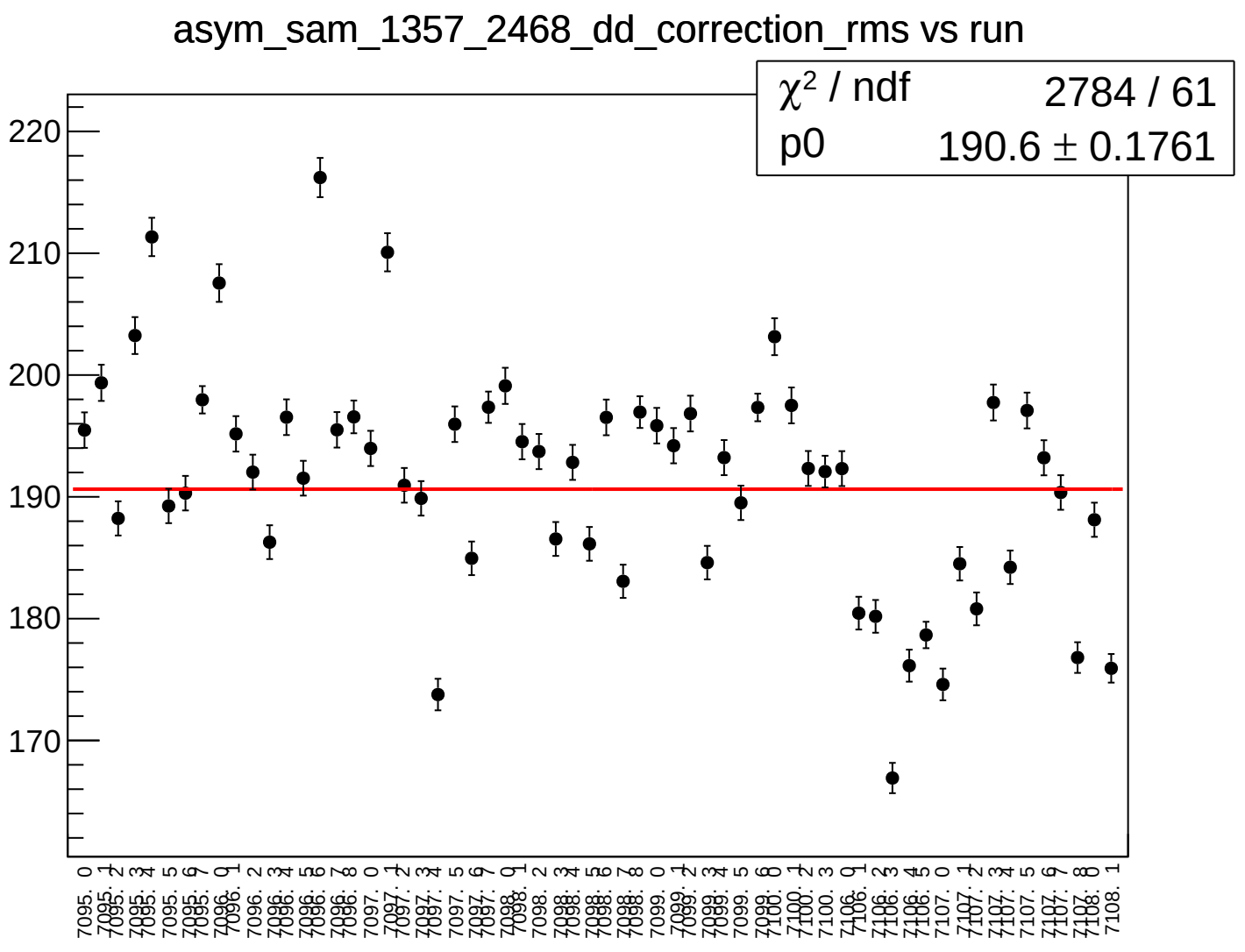

dit_asym_sam_1357_2468_dd_mean vs run
χ² / ndf 67.98 / 61
p0 −15.41 ± 43.52
pull
Entries 62
Mean −0.3143
Std Dev 24.31

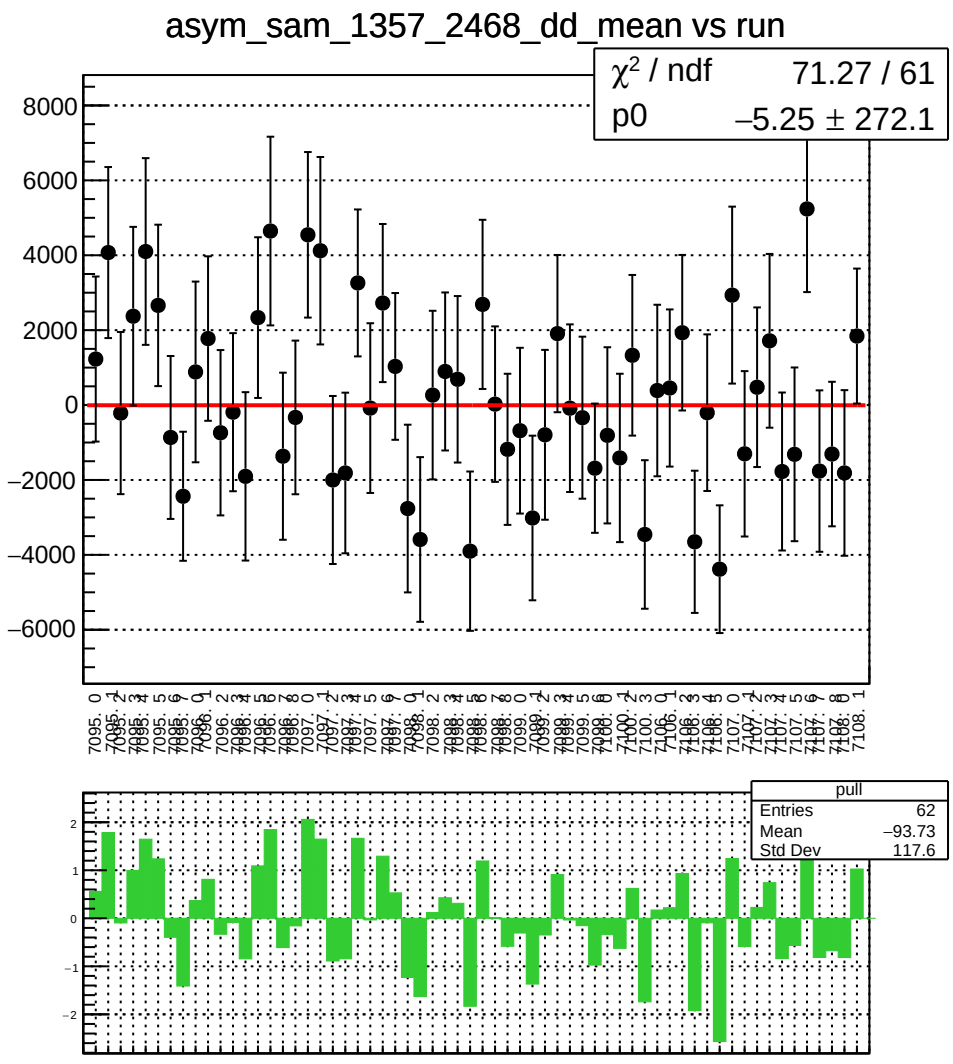

pull1D
Entries 62
Mean 0.05031
Std Dev 1.046

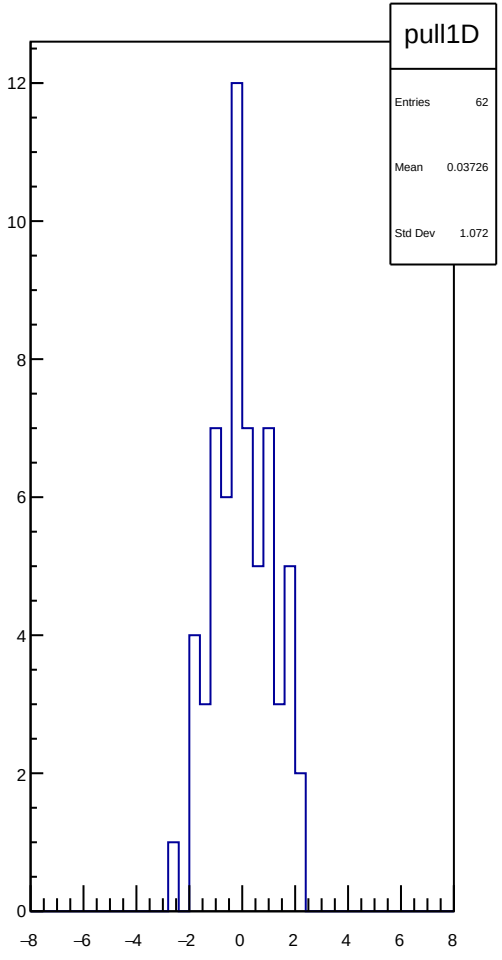

dit_asym_sam_1357_2468_dd_rms vs run
χ² / ndf 4.672e+04 / 61
p0 32.68 ± 0.03077
70
60
50
40
30

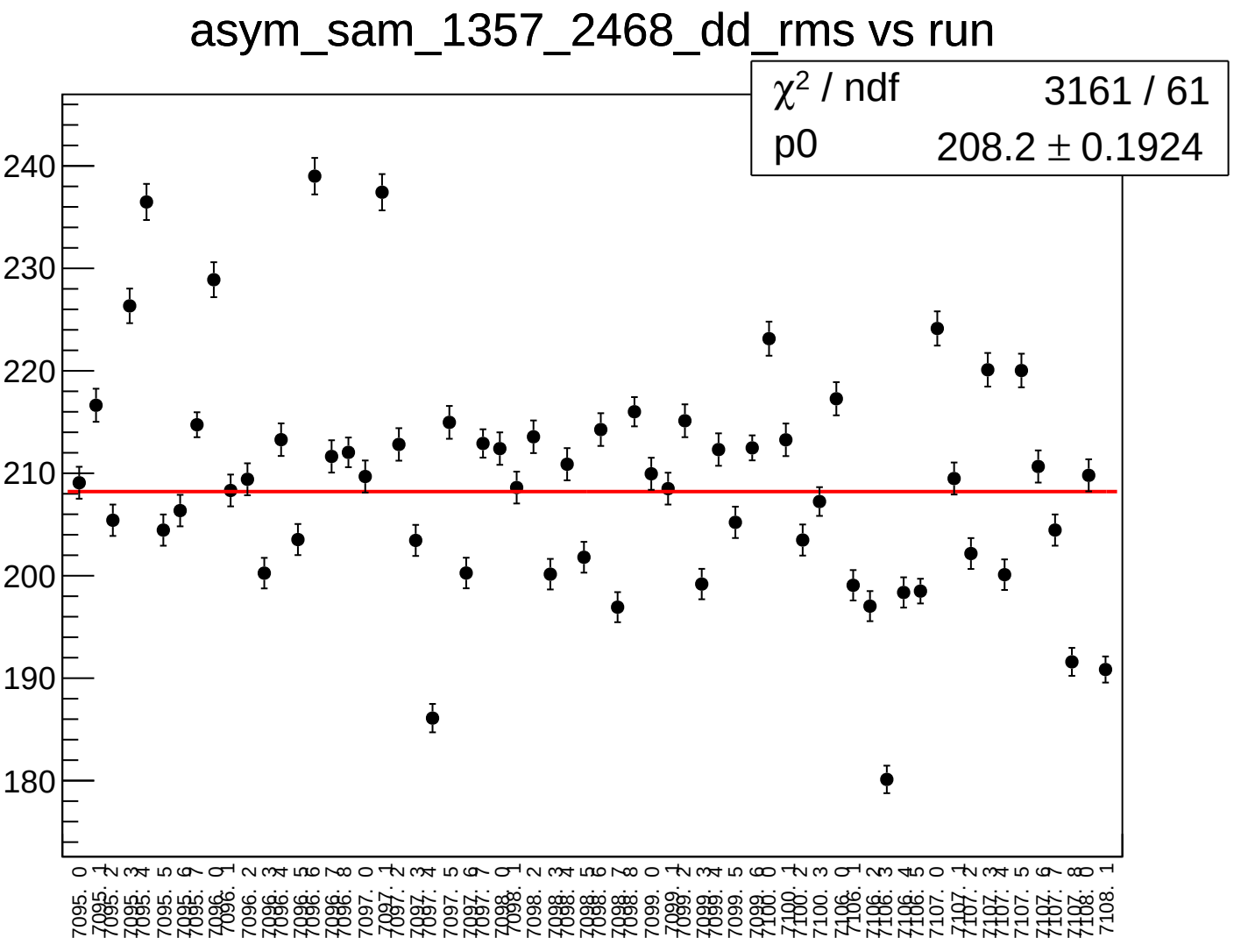

asym_sam_1357_2468_dd_correction_mean vs run
χ² / ndf 64.88 / 61
p0 −66.22 ± 249.1
pull
Entries 62
Mean −120.1
Std Dev 144.7

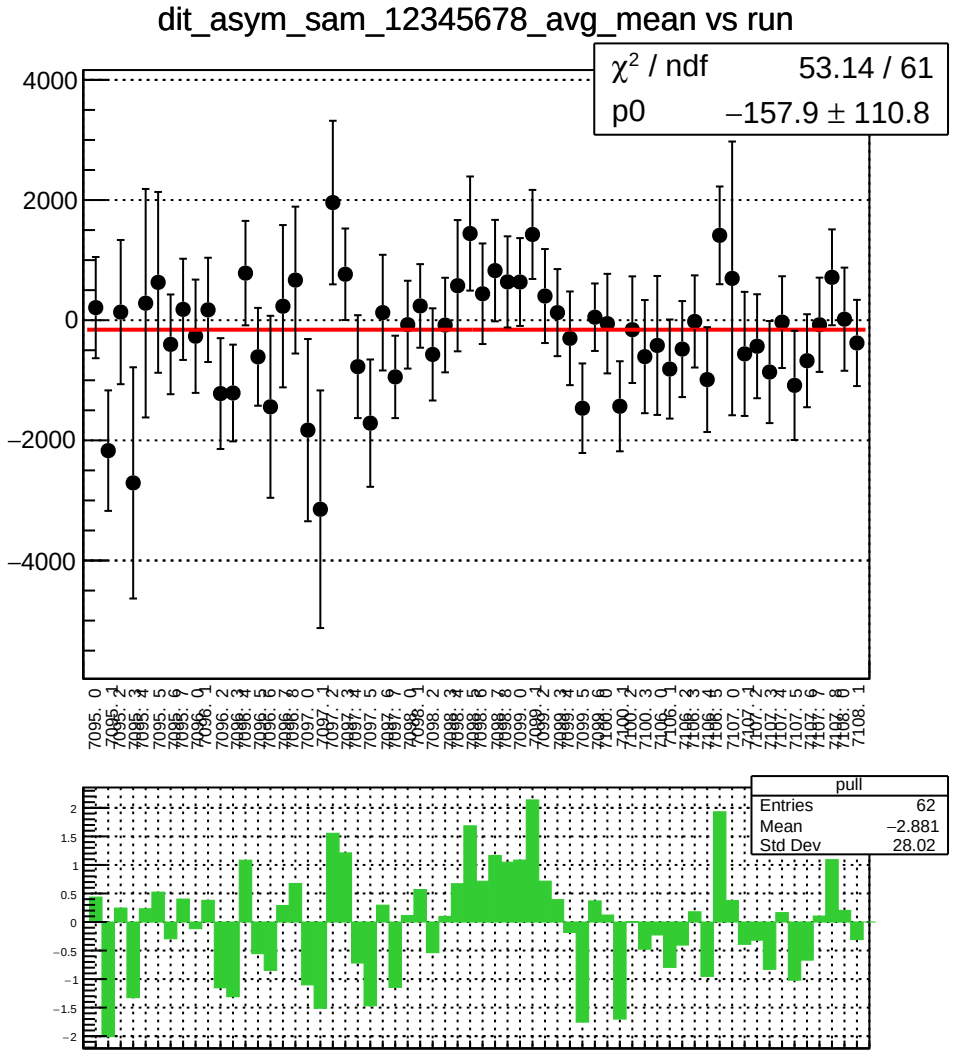

pull1D
Entries 62
Mean −0.03008
Std Dev 1.023

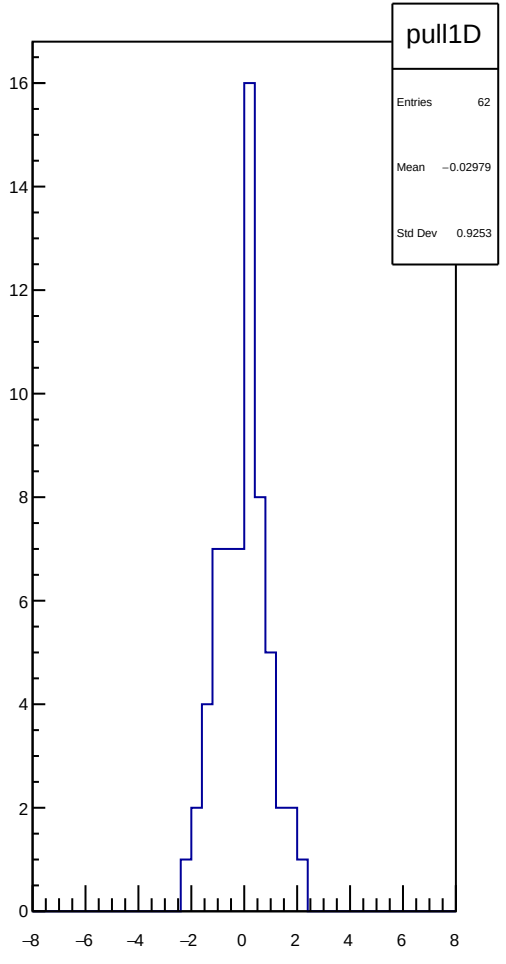

asym_sam_1357_2468_dd_correction_rms vs run
χ² / ndf 2784 / 61
p0 190.6 ± 0.1761
220
210
200
190
180
170

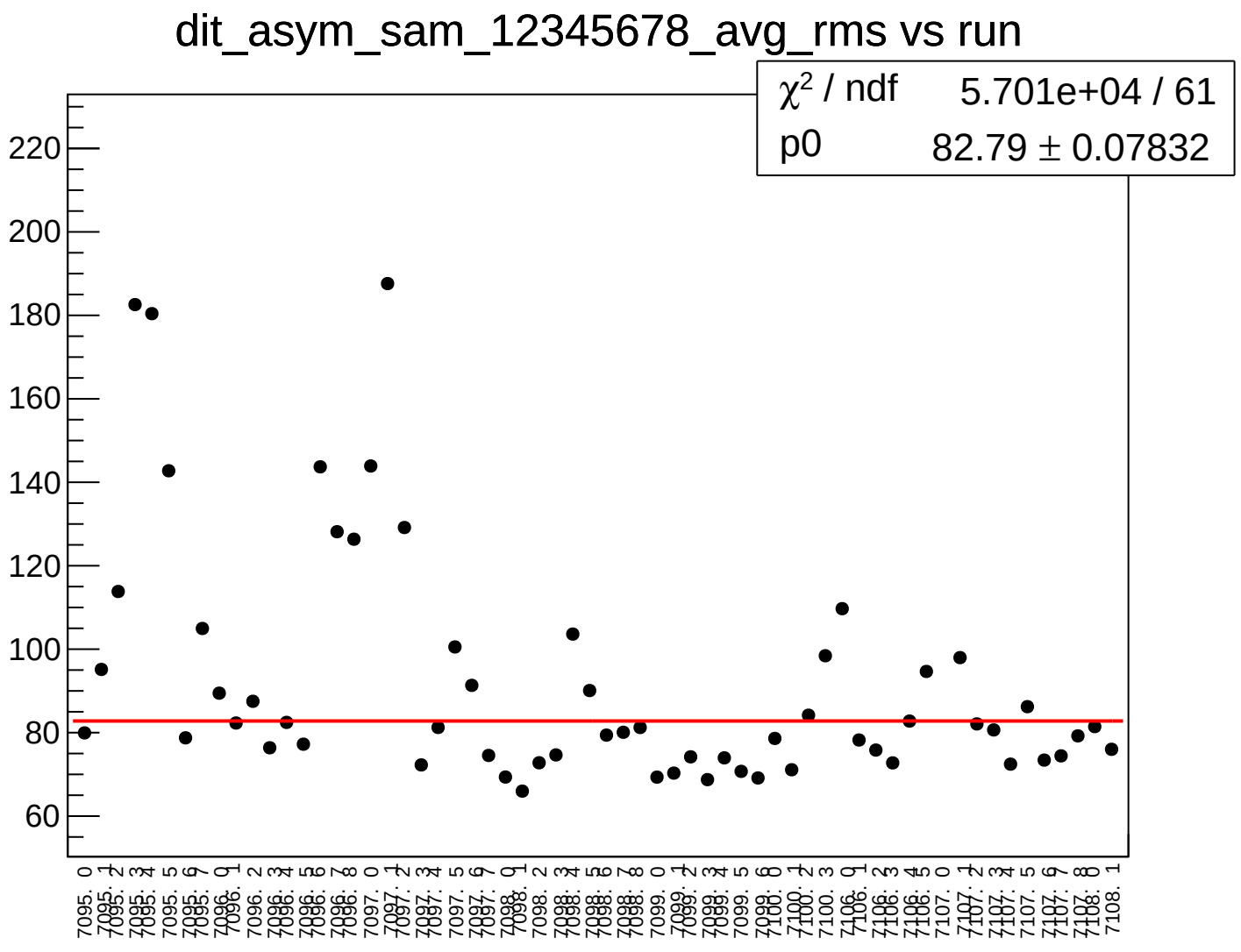

asym_sam_1357_2468_dd_mean vs run
χ² / ndf 71.27 / 61
p0 –5.25 ± 272.1
pull
Entries 62
Mean –93.73
Std Dev 117.6

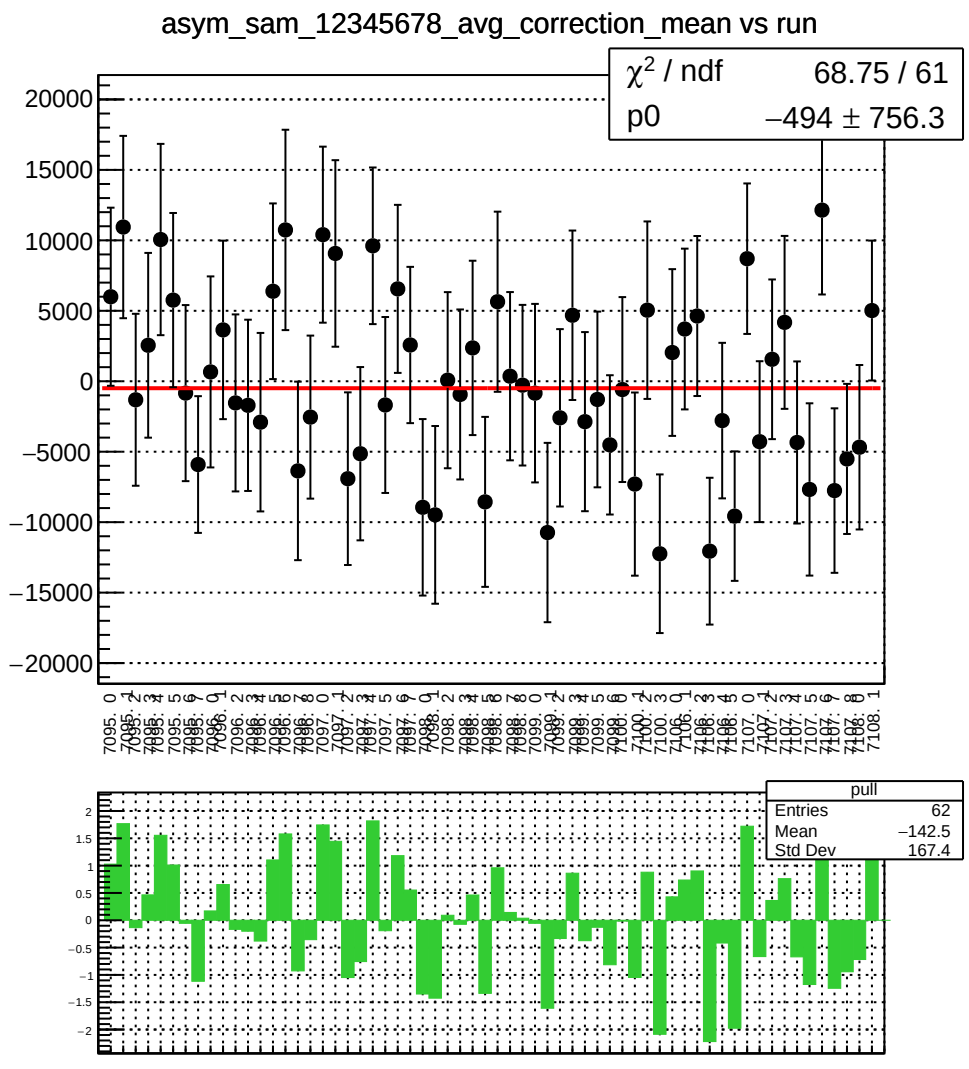

pull1D
Entries 62
Mean 0.03726
Std Dev 1.072

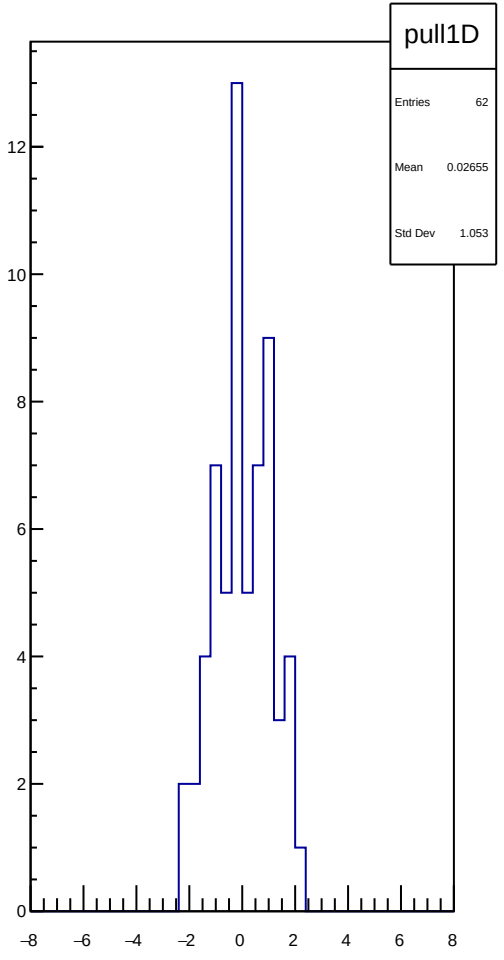

asym_sam_1357_2468_dd_rms vs run
χ² / ndf 3161 / 61
p0 208.2 ± 0.1924
240
230
220
210
200
190
180

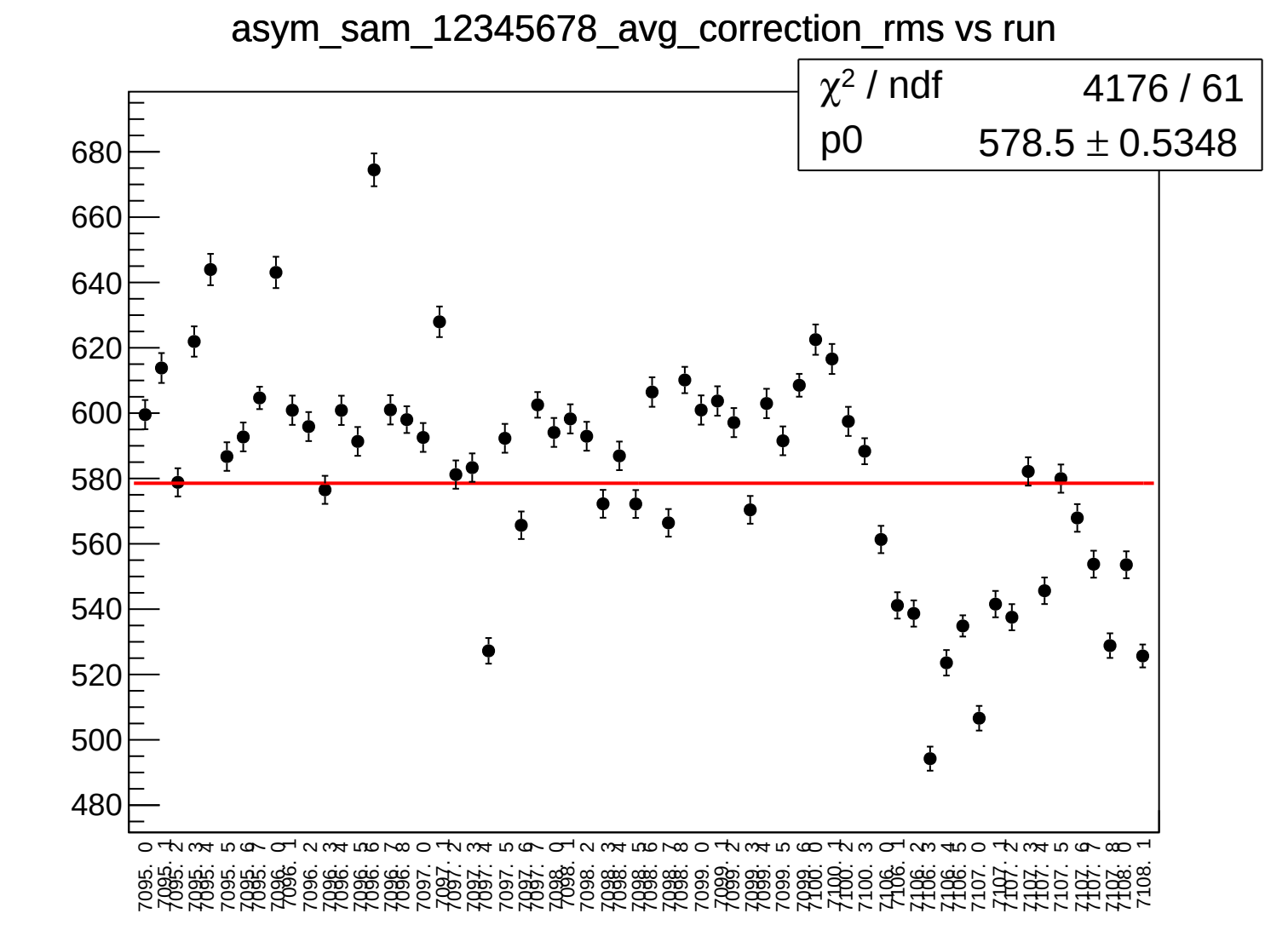

dit_asym_sam_12345678_avg_mean vs run
χ² / ndf 53.14 / 61
p0 −157.9 ± 110.8
4000
2000
0
−2000
−4000
pull
Entries 62
Mean −2.881
Std Dev 28.02
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

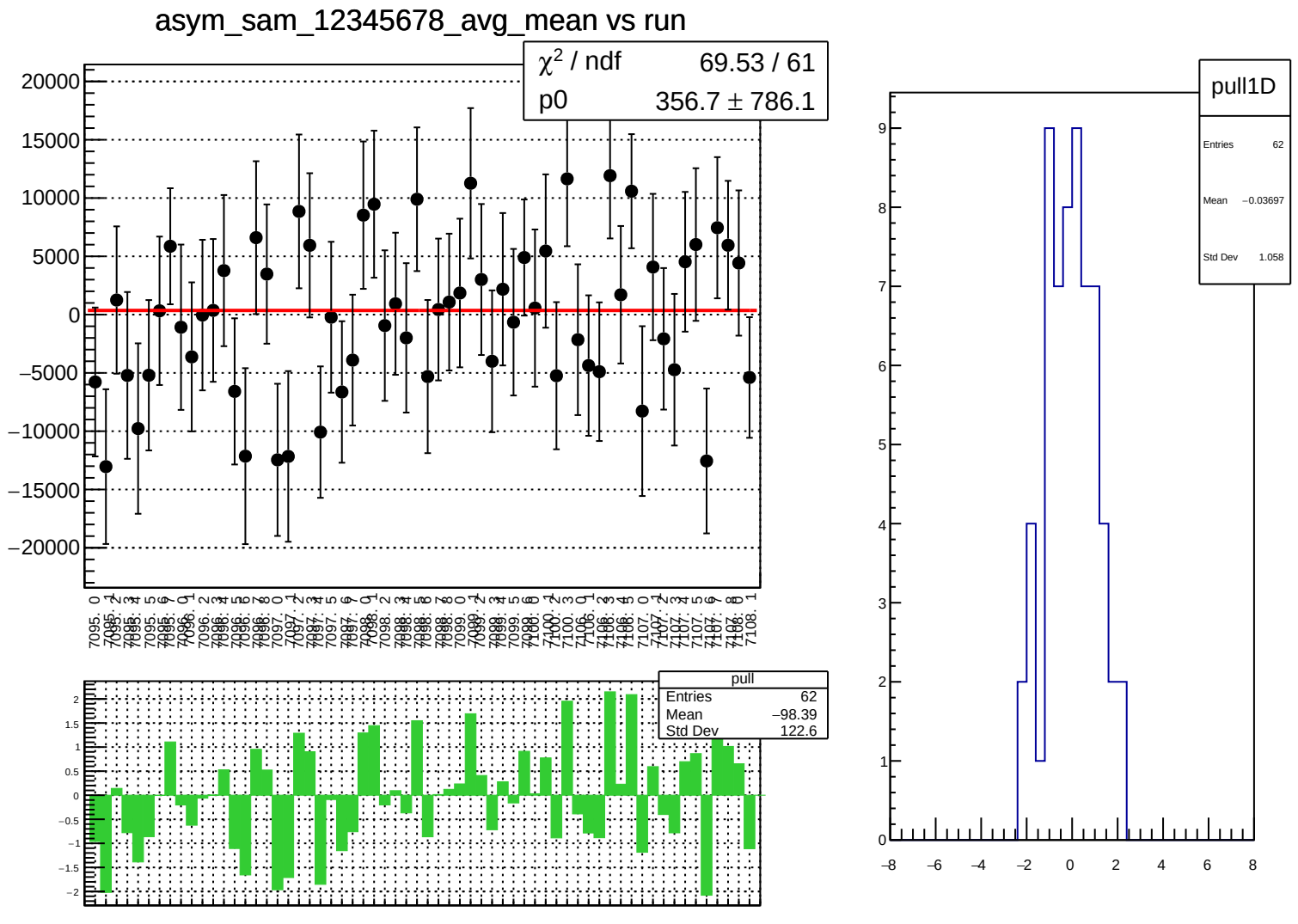

pull1D
Entries 62
Mean −0.02979
Std Dev 0.9253
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

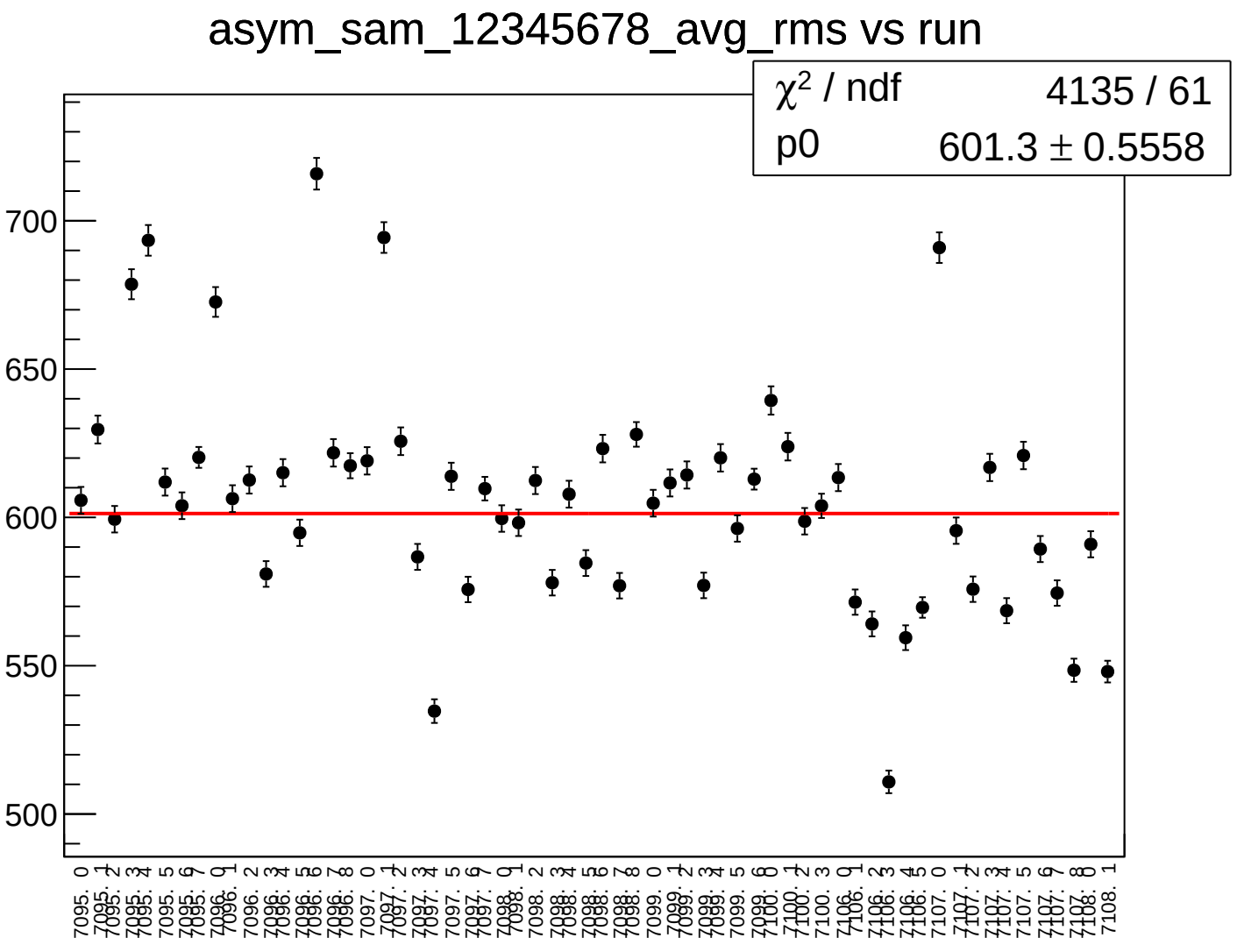

dit_asym_sam_12345678_avg_rms vs run
χ² / ndf 5.701e+04 / 61
p0 82.79 ± 0.07832
220
200
180
160
140
120
100
80
60
7095. 0
7095. 1
7095. 2
7095. 3
7095. 4
7095. 5
7095. 6
7095. 7
7095. 8
7095. 9
7096. 0
7096. 1
7096. 2
7096. 3
7096. 4
7096. 5
7096. 6
7096. 7
7096. 8
7096. 9
7097. 0
7097. 1
7097. 2
7097. 3
7097. 4
7097. 5
7097. 6
7097. 7
7097. 8
7097. 9
7098. 0
7098. 1
7098. 2
7098. 3
7098. 4
7098. 5
7098. 6
7098. 7
7098. 8
7098. 9
7099. 0
7099. 1
7099. 2
7099. 3
7099. 4
7099. 5
7099. 6
7099. 7
7099. 8
7099. 9
7100. 0
7100. 1
7100. 2
7100. 3
7106. 0
7106. 1
7106. 2
7106. 3
7106. 4
7106. 5
7107. 0
7107. 1
7107. 2
7107. 3
7107. 4
7107. 5
7107. 6
7107. 7
7107. 8
7107. 9
7108. 0
7108. 1

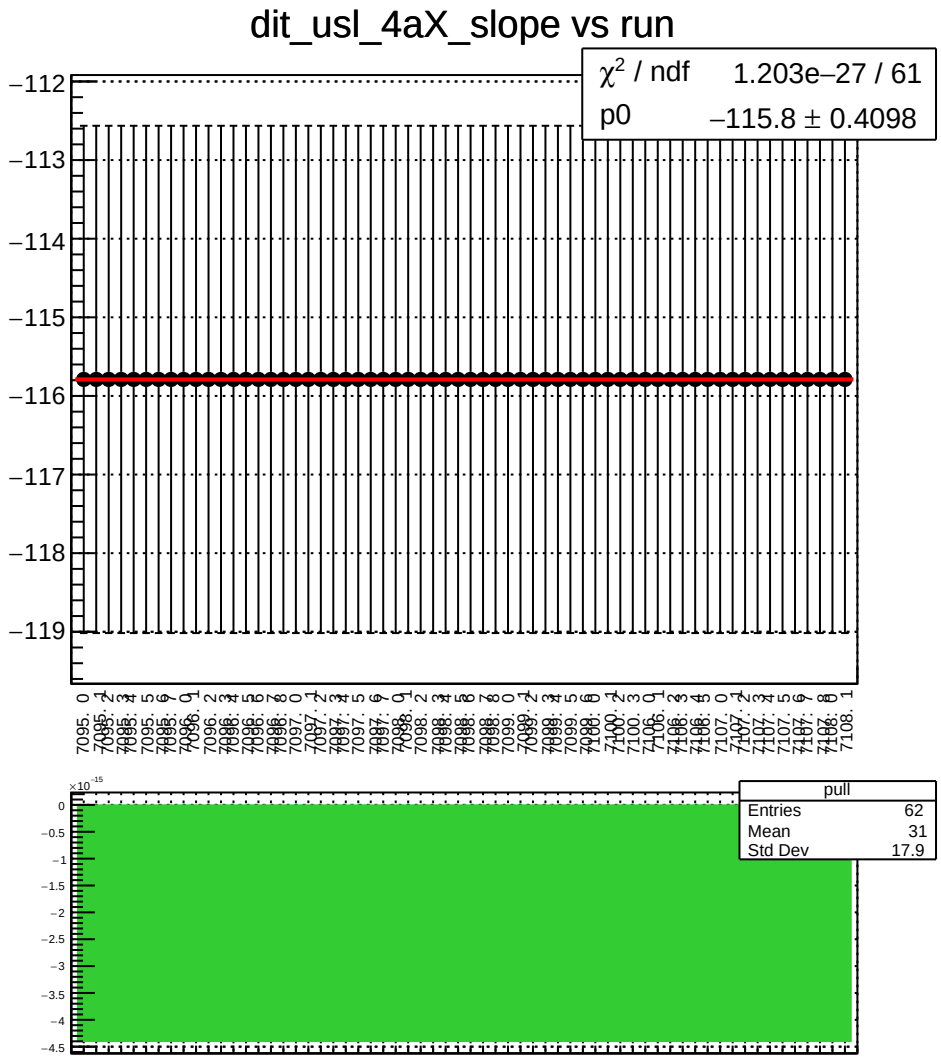

asym_sam_12345678_avg_correction_mean vs run
χ² / ndf 68.75 / 61
p0 −494 ± 756.3
pull
Entries 62
Mean −142.5
Std Dev 167.4

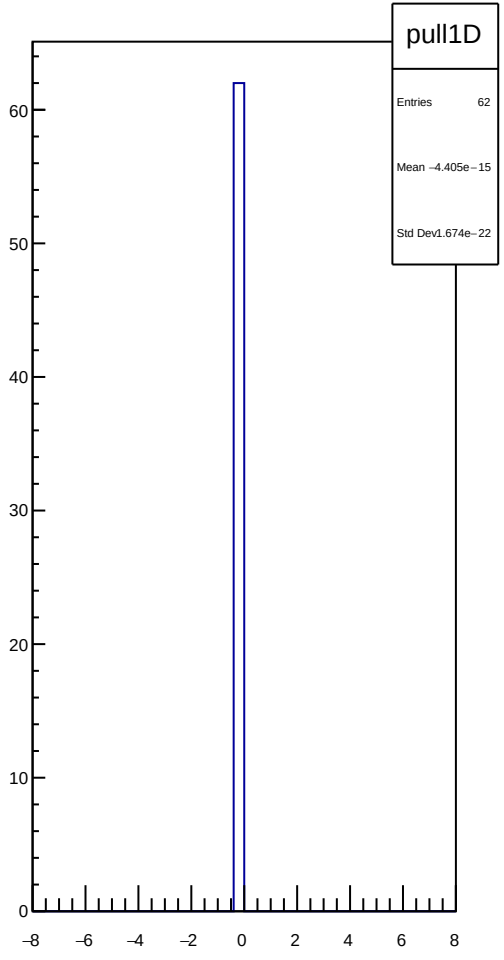

pull1D
Entries 62
Mean 0.02655
Std Dev 1.053

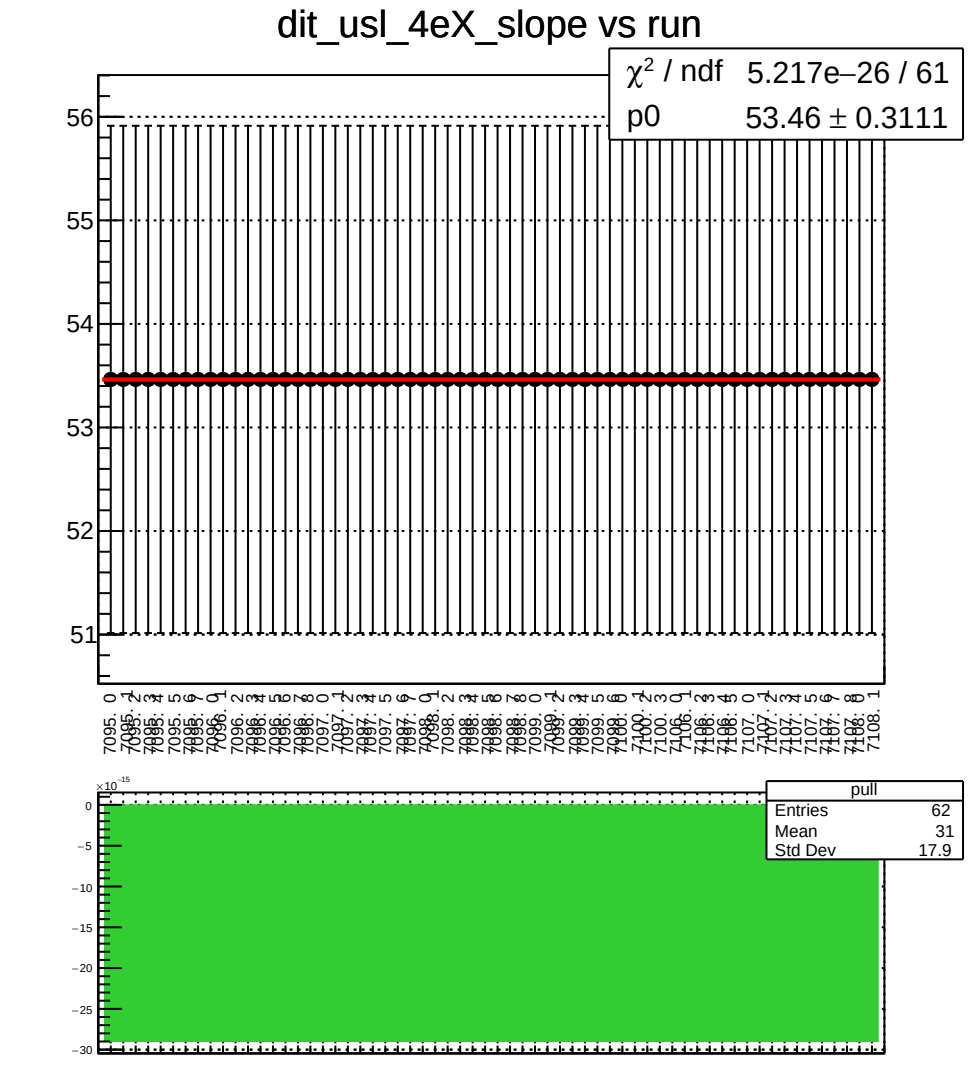

asym_sam_12345678_avg_correction_rms vs run
χ² / ndf 4176 / 61
p0 578.5 ± 0.5348
680
660
640
620
600
580
560
540
520
500
480

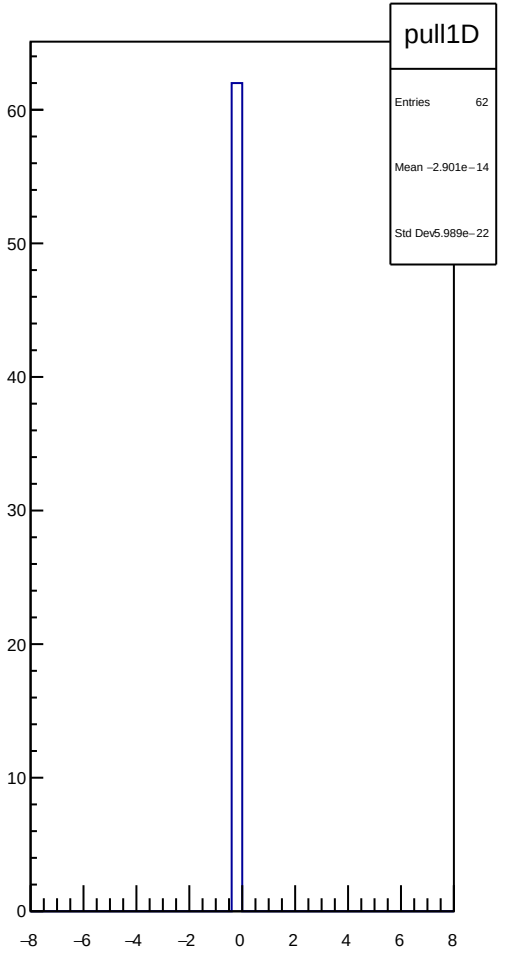

asym_sam_12345678_avg_mean vs run
χ² / ndf 69.53 / 61
p0 356.7 ± 786.1
pull
Entries 62
Mean −98.39
Std Dev 122.6
pull1D
Entries 62
Mean −0.03697
Std Dev 1.058

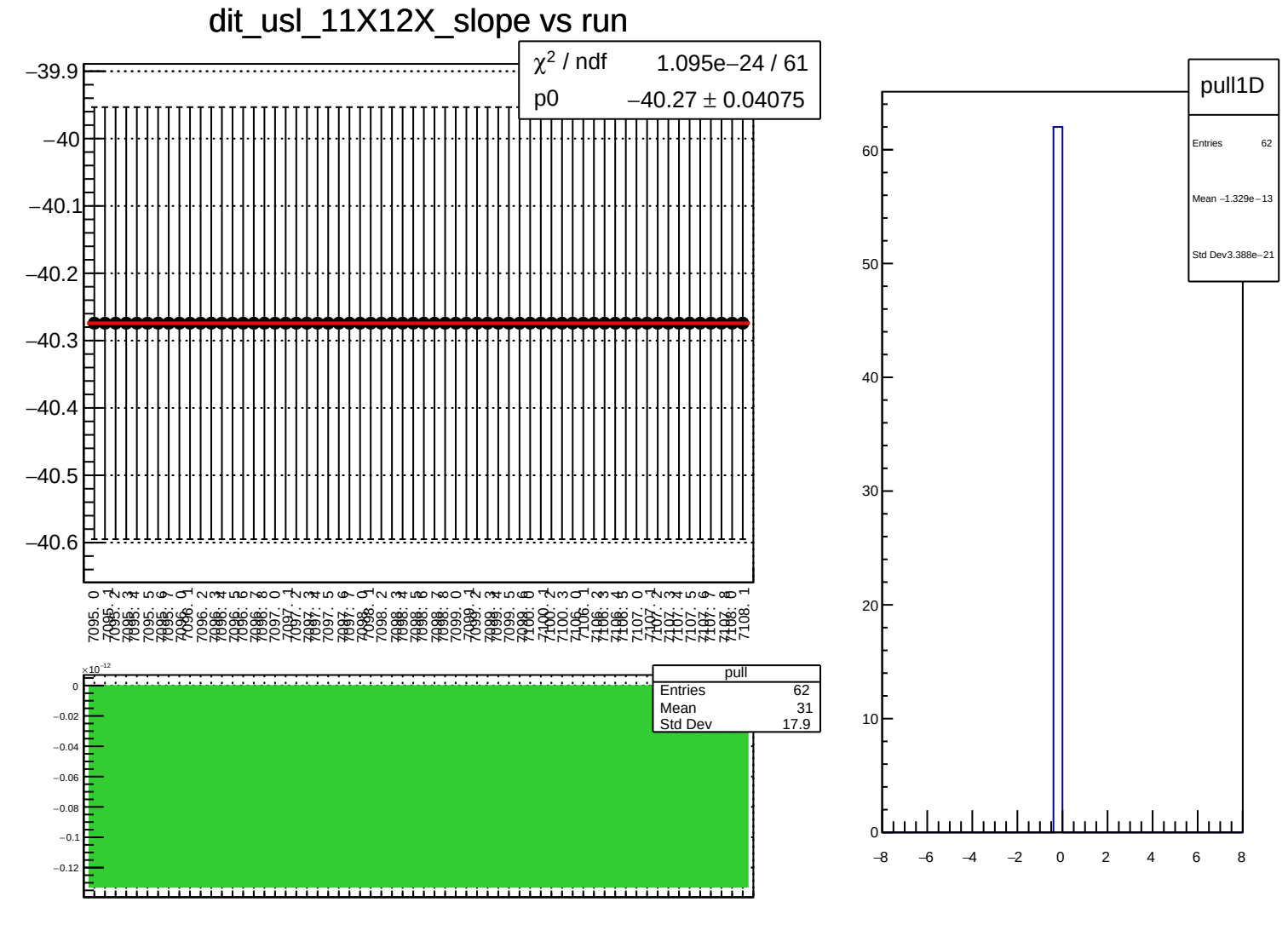

asym_sam_12345678_avg_rms vs run
χ² / ndf 4135 / 61
p0 601.3 ± 0.5558
700
650
600
550
500

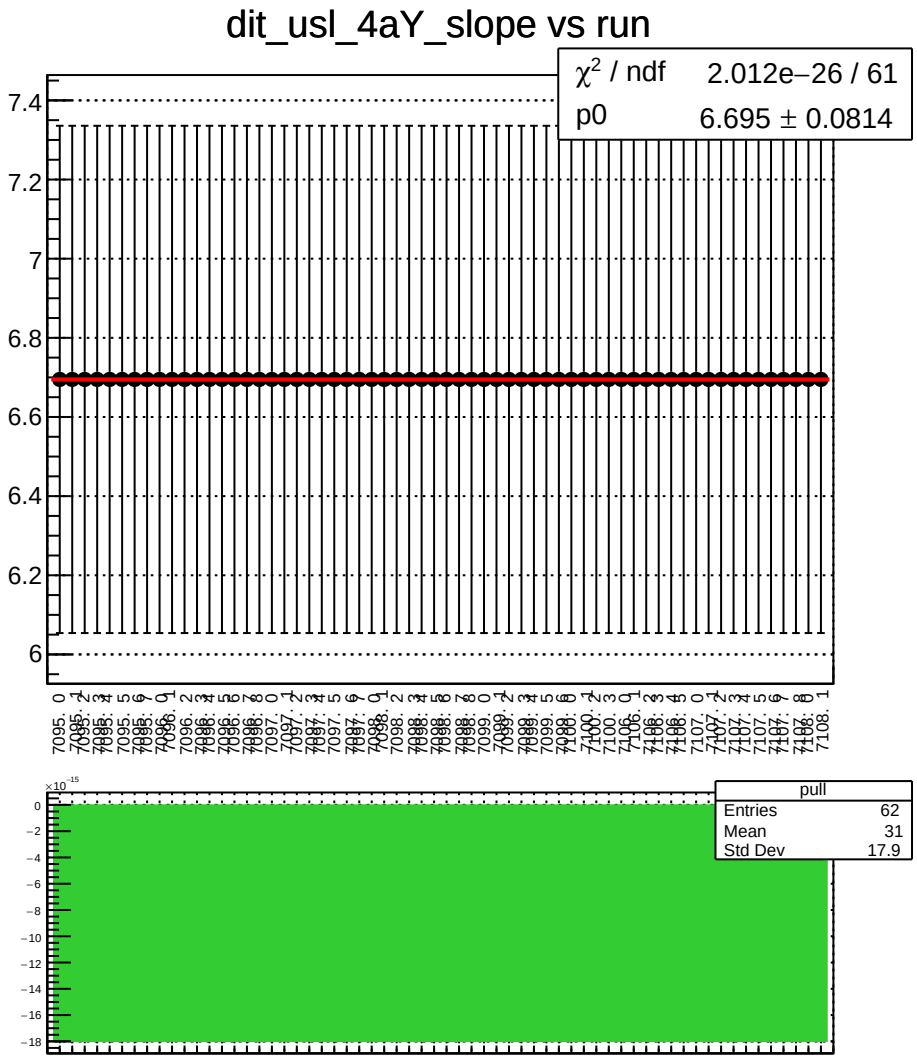

dit_usl_4aX_slope vs run
χ² / ndf 1.203e−27 / 61
p0 −115.8 ± 0.4098
pull
Entries 62
Mean 31
Std Dev 17.9

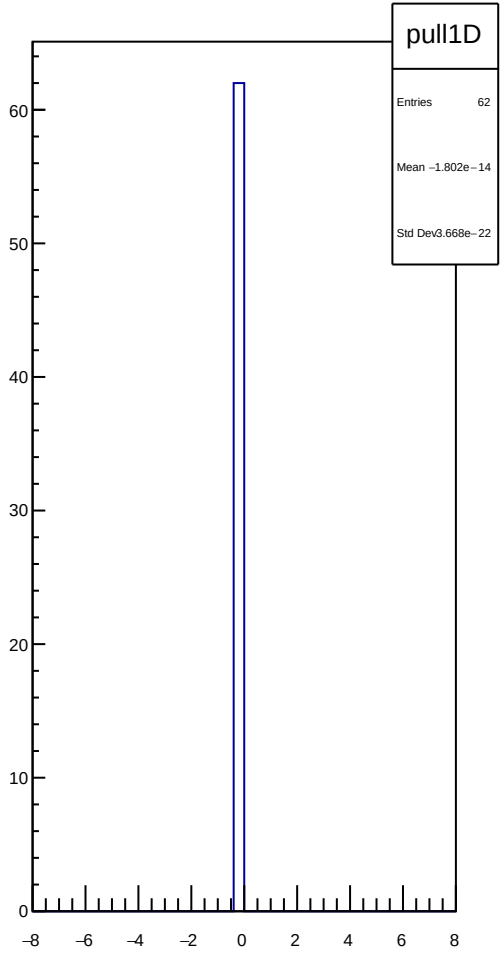

pull1D
Entries 62
Mean −4.405e−15
Std Dev1.674e−22

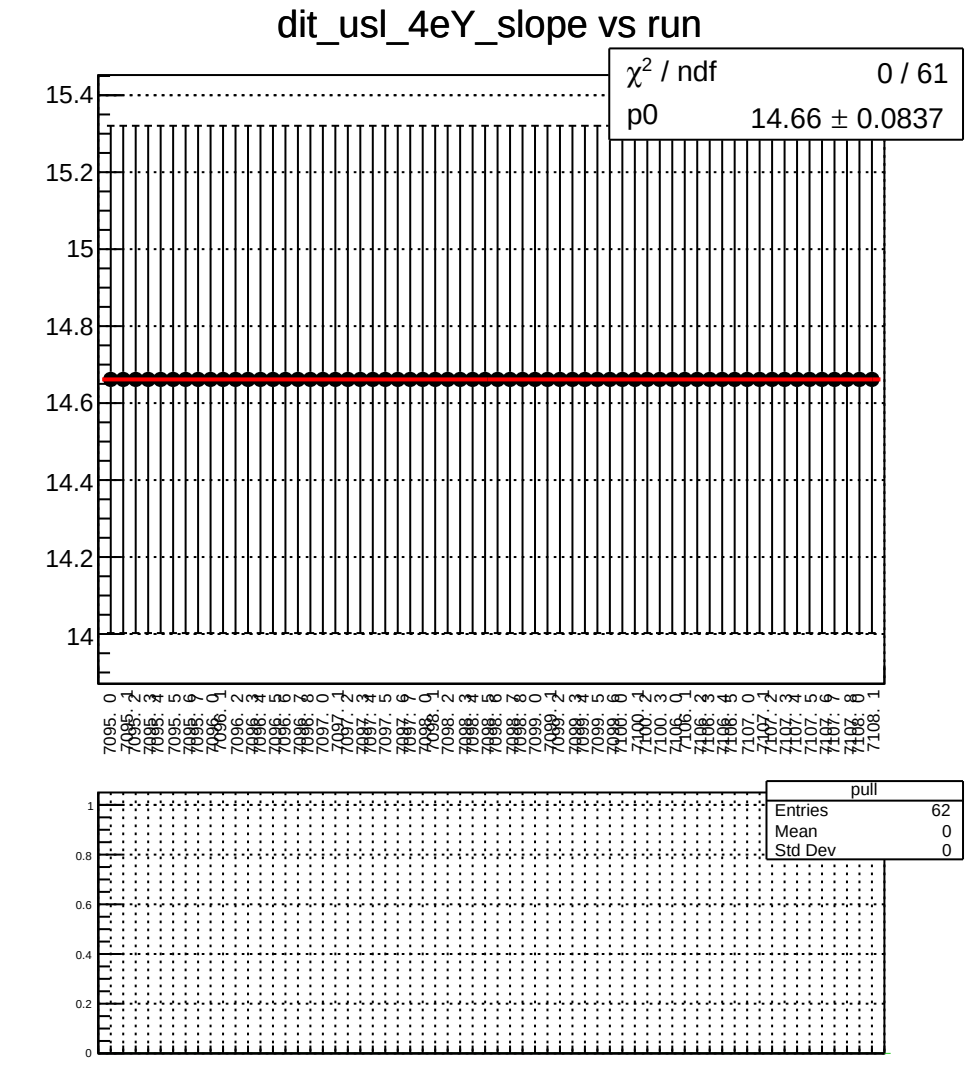

dit_usl_4eX_slope vs run
χ² / ndf 5.217e−26 / 61
p0 53.46 ± 0.3111
pull
Entries 62
Mean 31
Std Dev 17.9

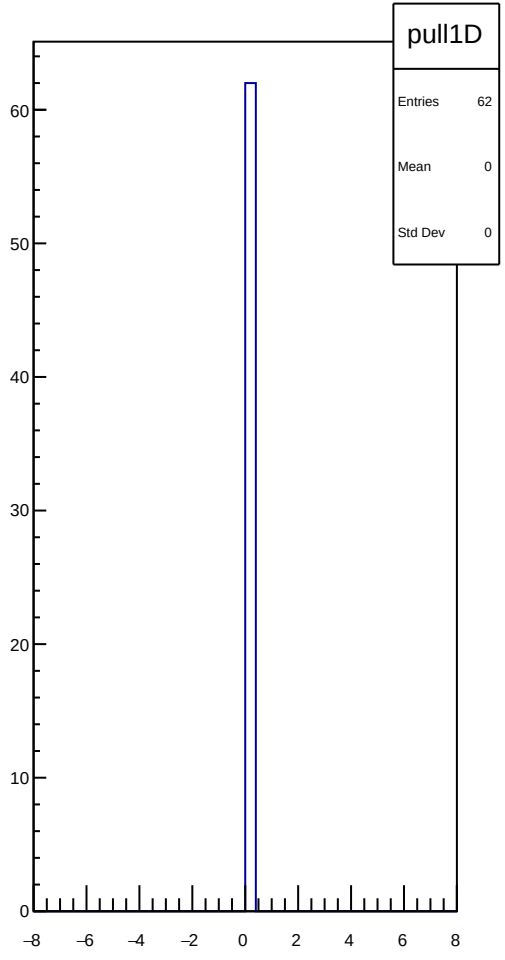

pull1D
Entries 62
Mean −2.901e−14
Std Dev 5.989e−22

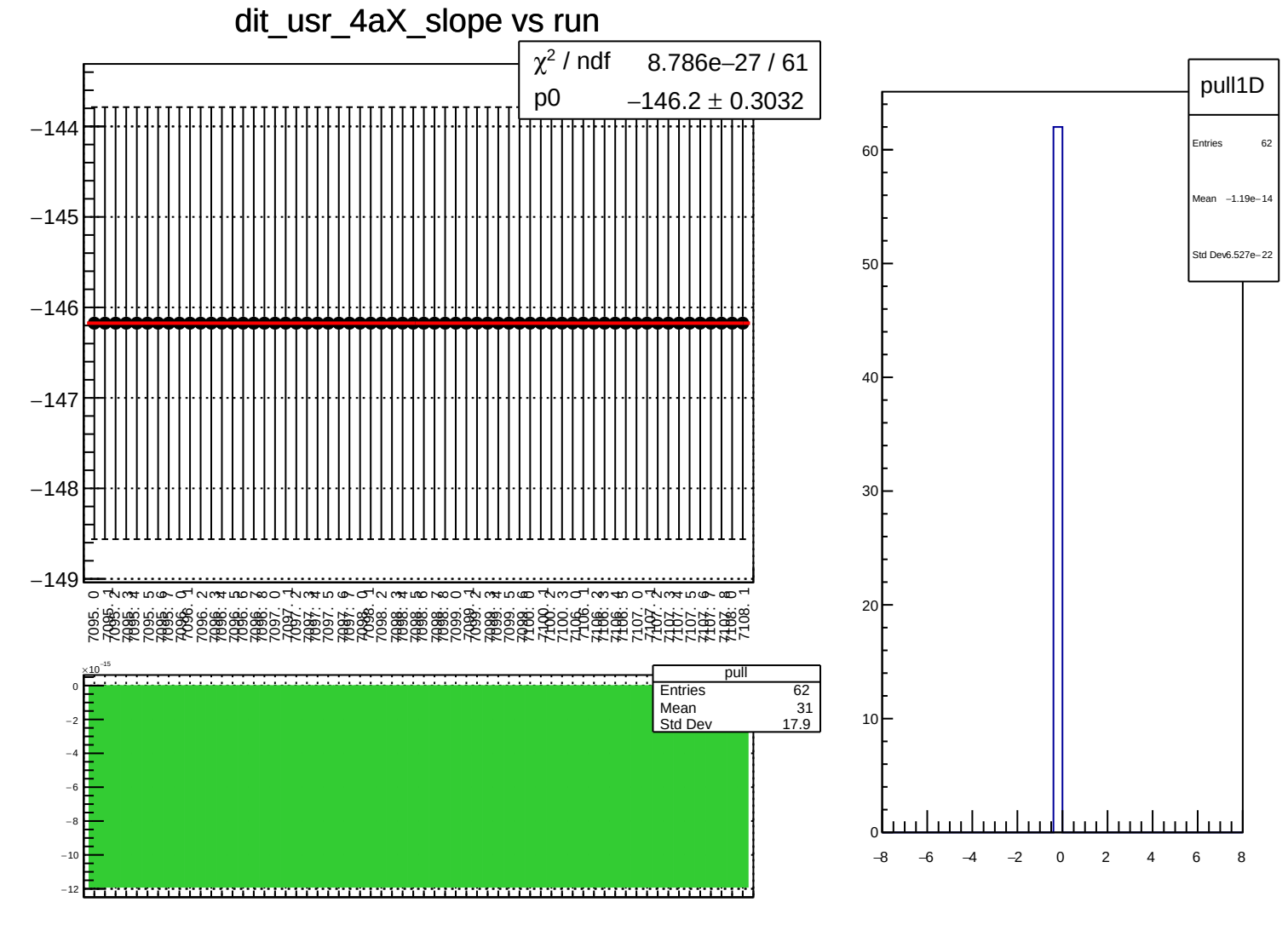

dit_usl_11X12X_slope vs run
χ² / ndf 1.095e−24 / 61
p0 −40.27 ± 0.04075
−39.9
−40
−40.1
−40.2
−40.3
−40.4
−40.5
−40.6
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
pull1D
Entries 62
Mean −1.329e−13
Std Dev3.388e−21
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

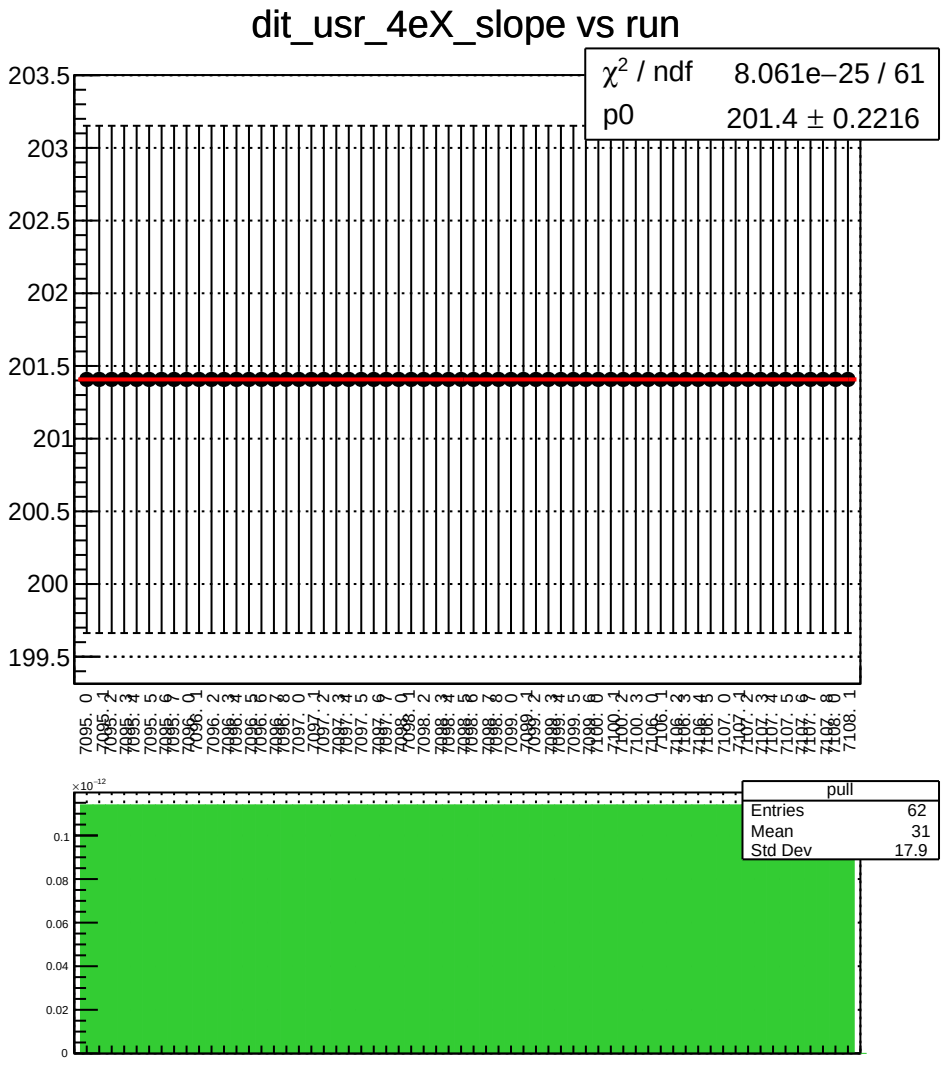

dit_usl_4aY_slope vs run
χ² / ndf 2.012e−26 / 61
p0 6.695 ± 0.0814
pull
Entries 62
Mean 31
Std Dev 17.9

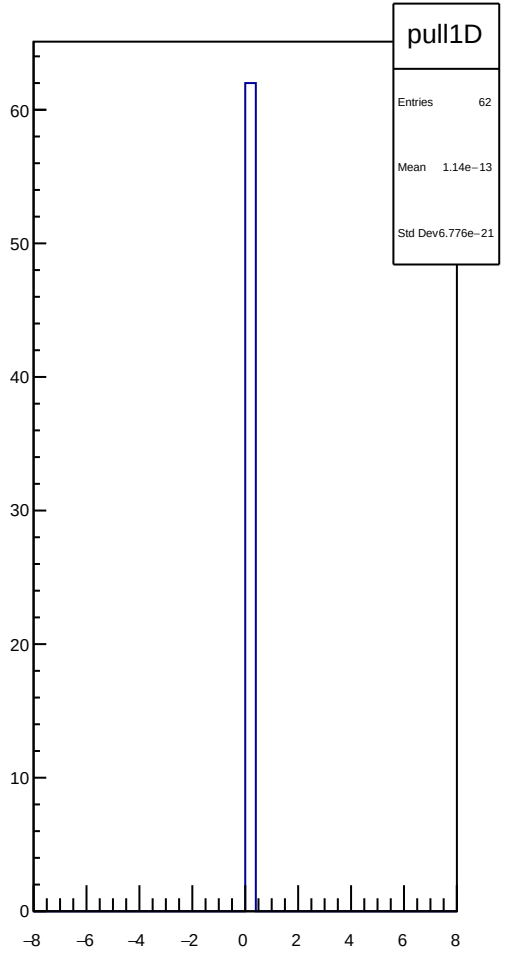

pull1D
Entries 62
Mean −1.802e−14
Std Dev3.668e−22

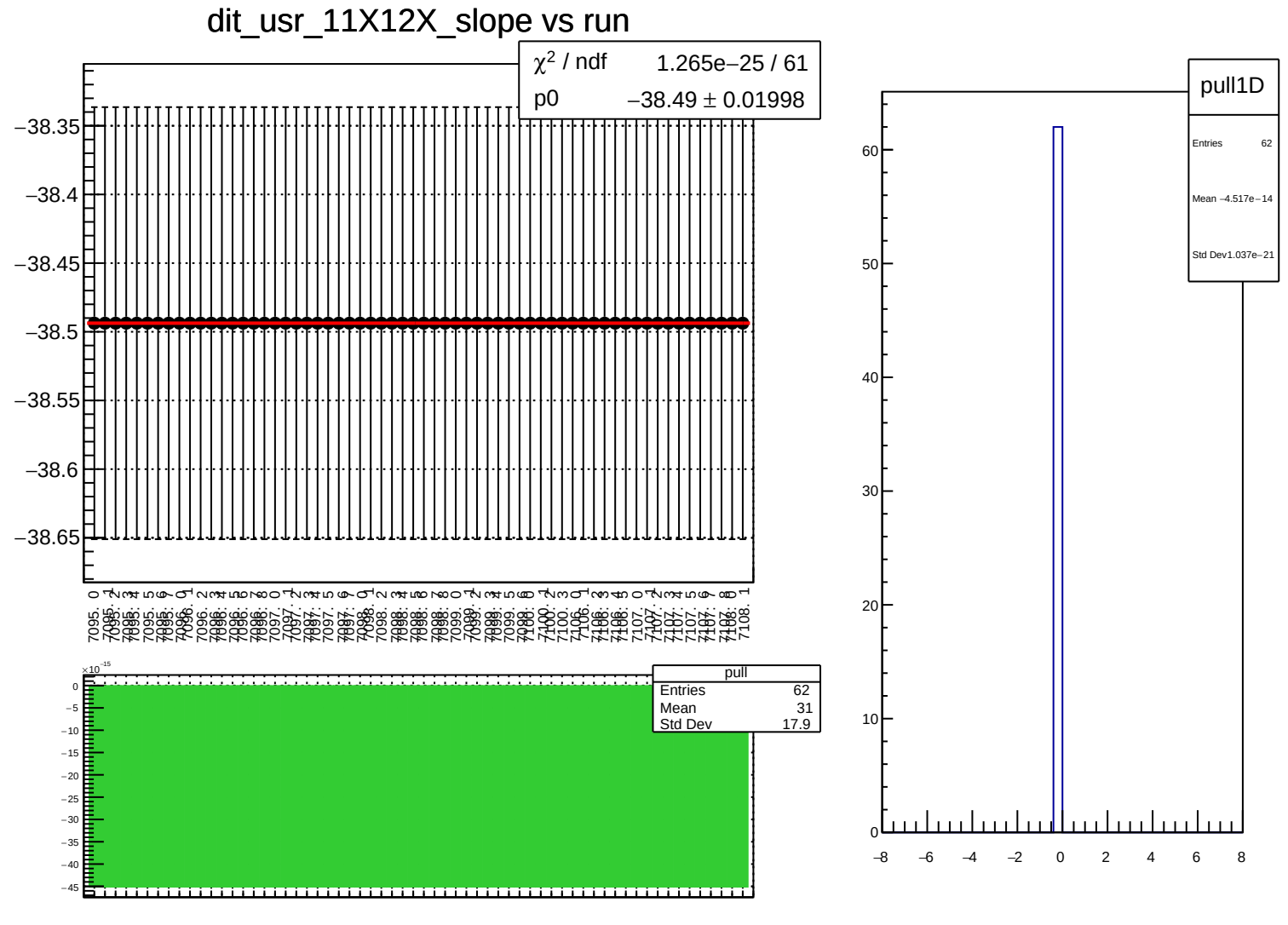

dit_usl_4eY_slope vs run
χ² / ndf 0 / 61
p0 14.66 ± 0.0837
15.4
15.2
15
14.8
14.6
14.4
14.2
14
pull
Entries 62
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0

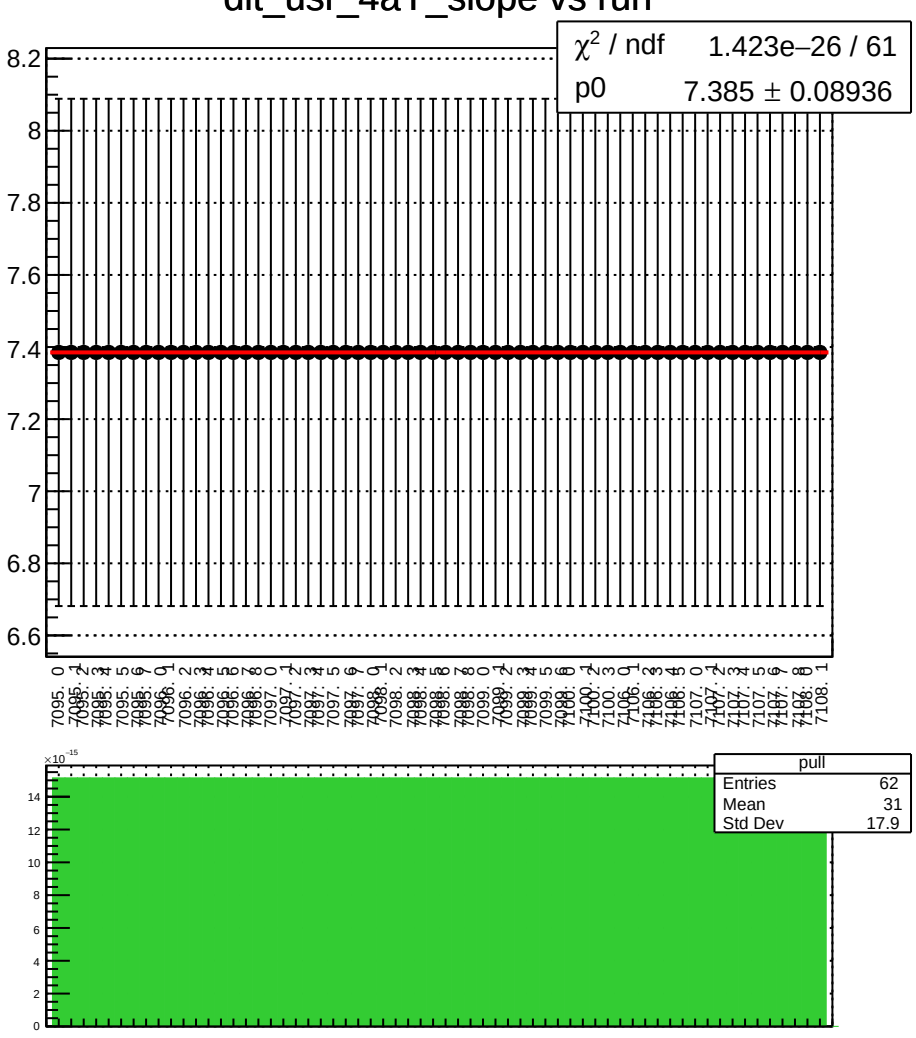

pull1D
Entries 62
Mean 0
Std Dev 0
60
50
40
30
20
10
0
–8
–6
–4
–2
0
2
4
6
8

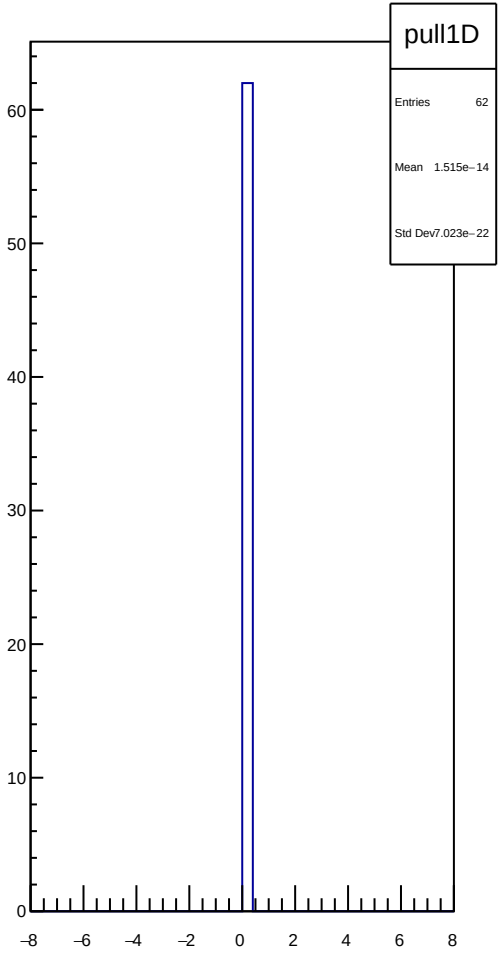

dit_usr_4aX_slope vs run
χ² / ndf 8.786e−27 / 61
p0 −146.2 ± 0.3032
−144
−145
−146
−147
−148
−149
pull
Entries 62
Mean 31
Std Dev 17.9
pull1D
Entries 62
Mean −1.19e−14
Std Dev 6.527e−22

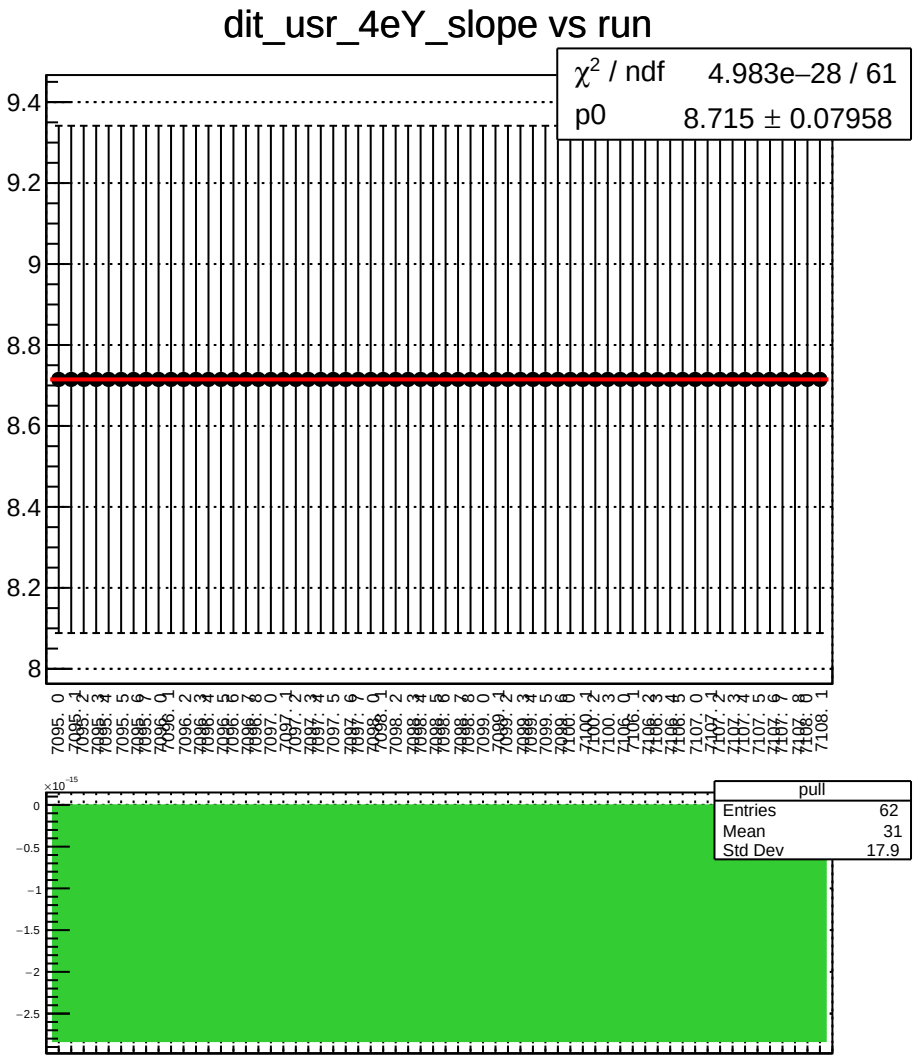

dit_usr_4eX_slope vs run
χ² / ndf 8.061e−25 / 61
p0 201.4 ± 0.2216
203.5
203
202.5
202
201.5
201
200.5
200
199.5
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹²
0.1
0.08
0.06
0.04
0.02
0

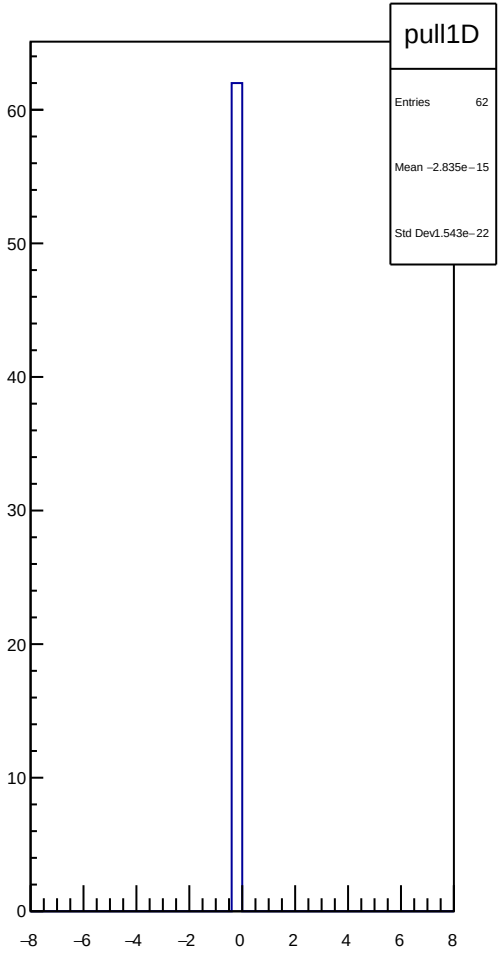

pull1D
Entries 62
Mean 1.14e−13
Std Dev6.776e−21
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

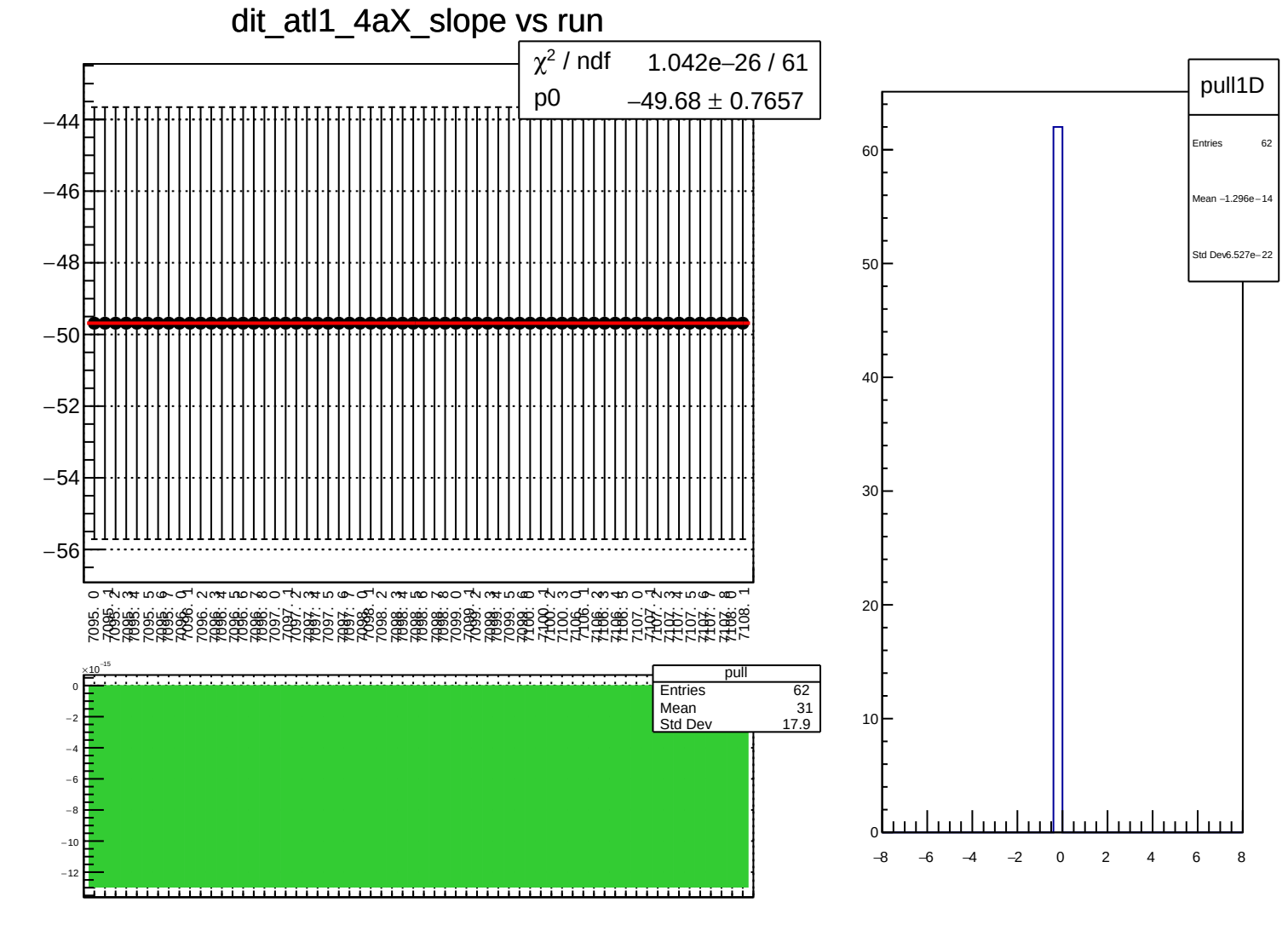

dit_usr_11X12X_slope vs run
χ² / ndf 1.265e−25 / 61
p0 −38.49 ± 0.01998
−38.35
−38.4
−38.45
−38.5
−38.55
−38.6
−38.65
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
pull1D
Entries 62
Mean −4.517e−14
Std Dev1.037e−21

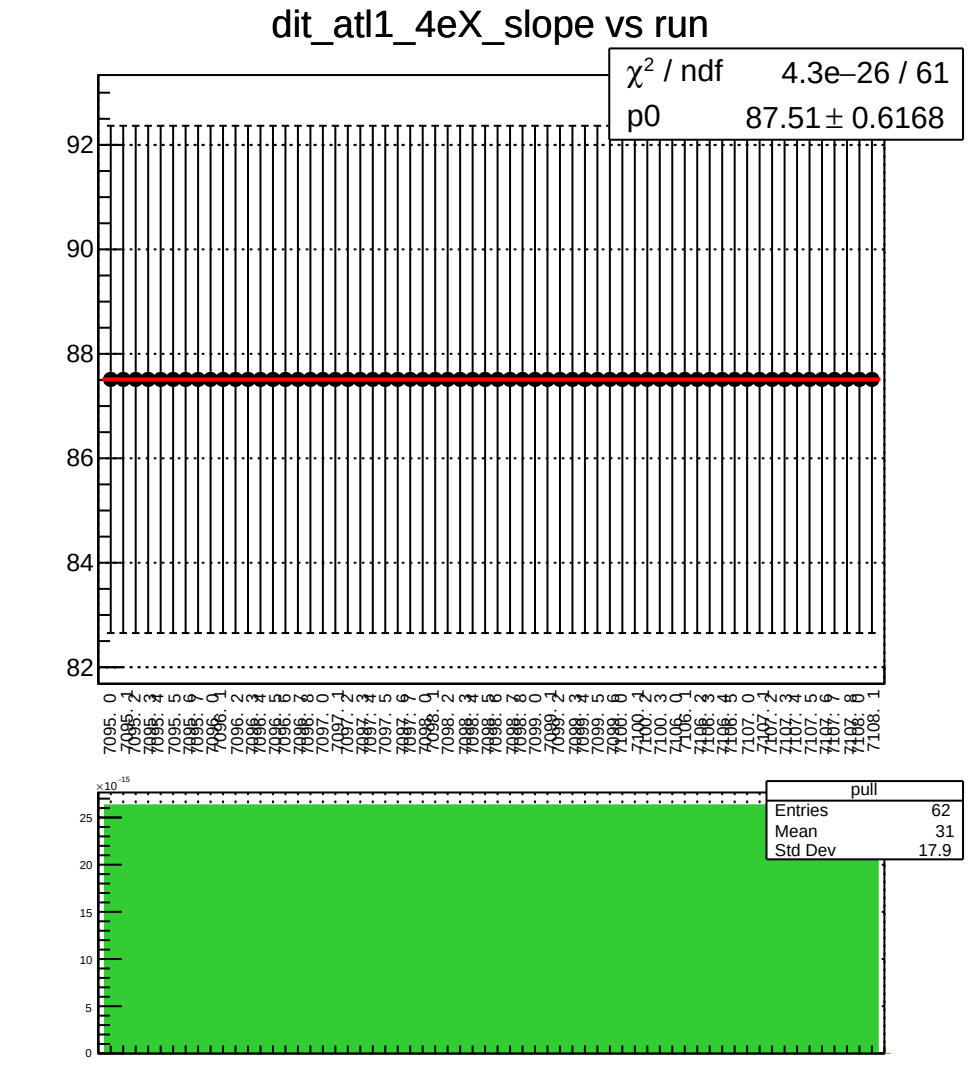

dit_usr_4aY_slope vs run
χ² / ndf 1.423e−26 / 61
p0 7.385 ± 0.08936
pull
Entries 62
Mean 31
Std Dev 17.9

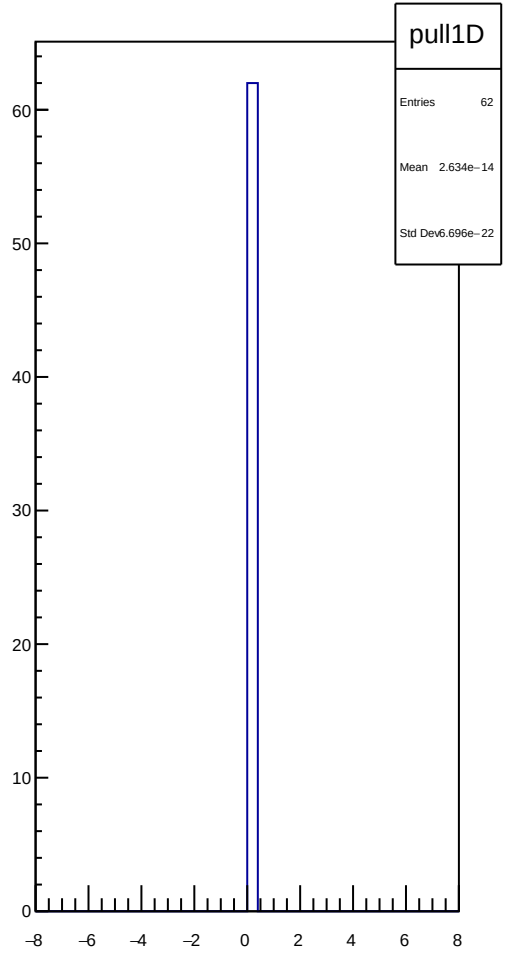

pull1D
Entries 62
Mean 1.515e−14
Std Dev7.023e−22

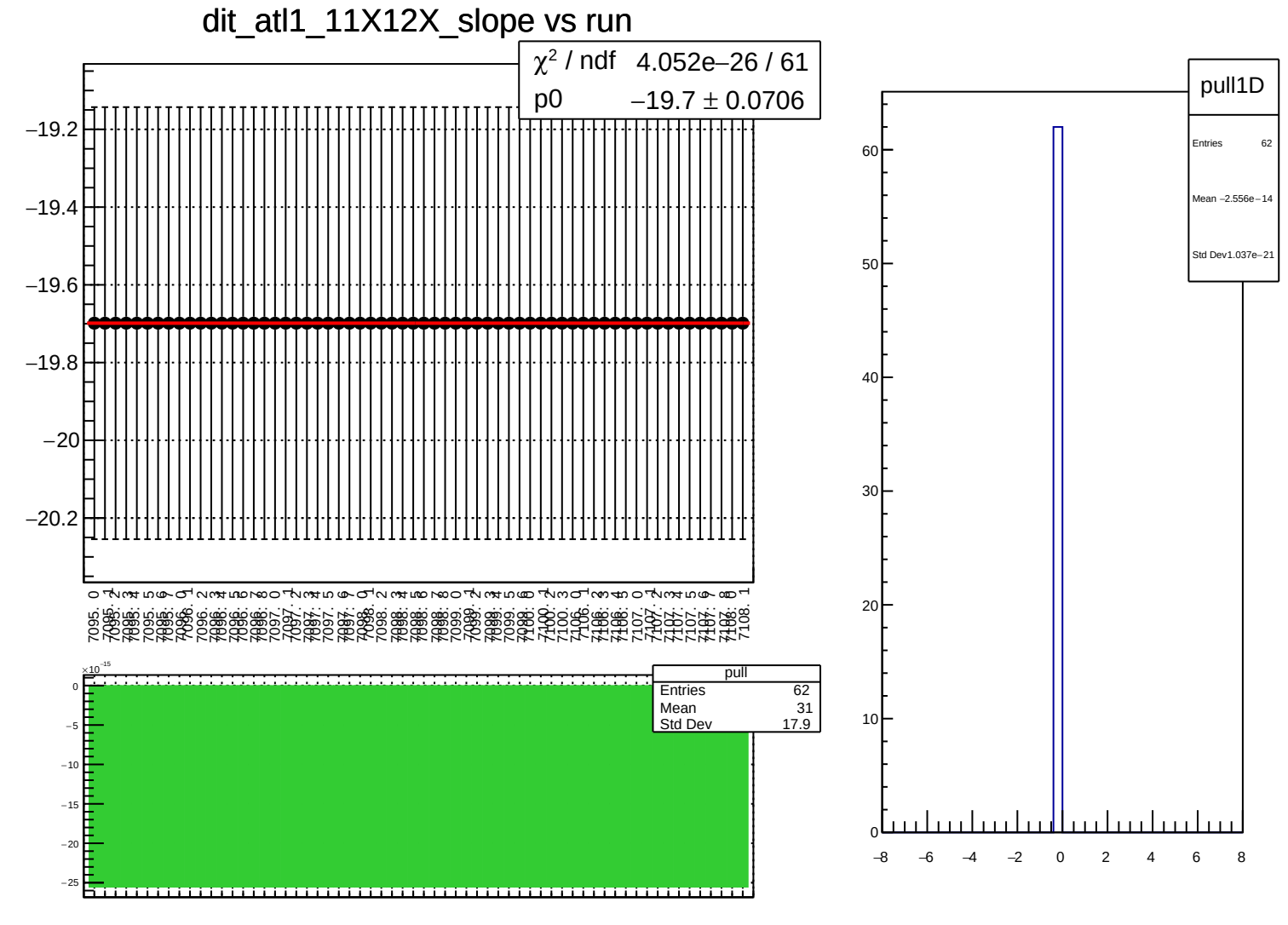

dit_usr_4eY_slope vs run
χ² / ndf 4.983e−28 / 61
p0 8.715 ± 0.07958
pull
Entries 62
Mean 31
Std Dev 17.9

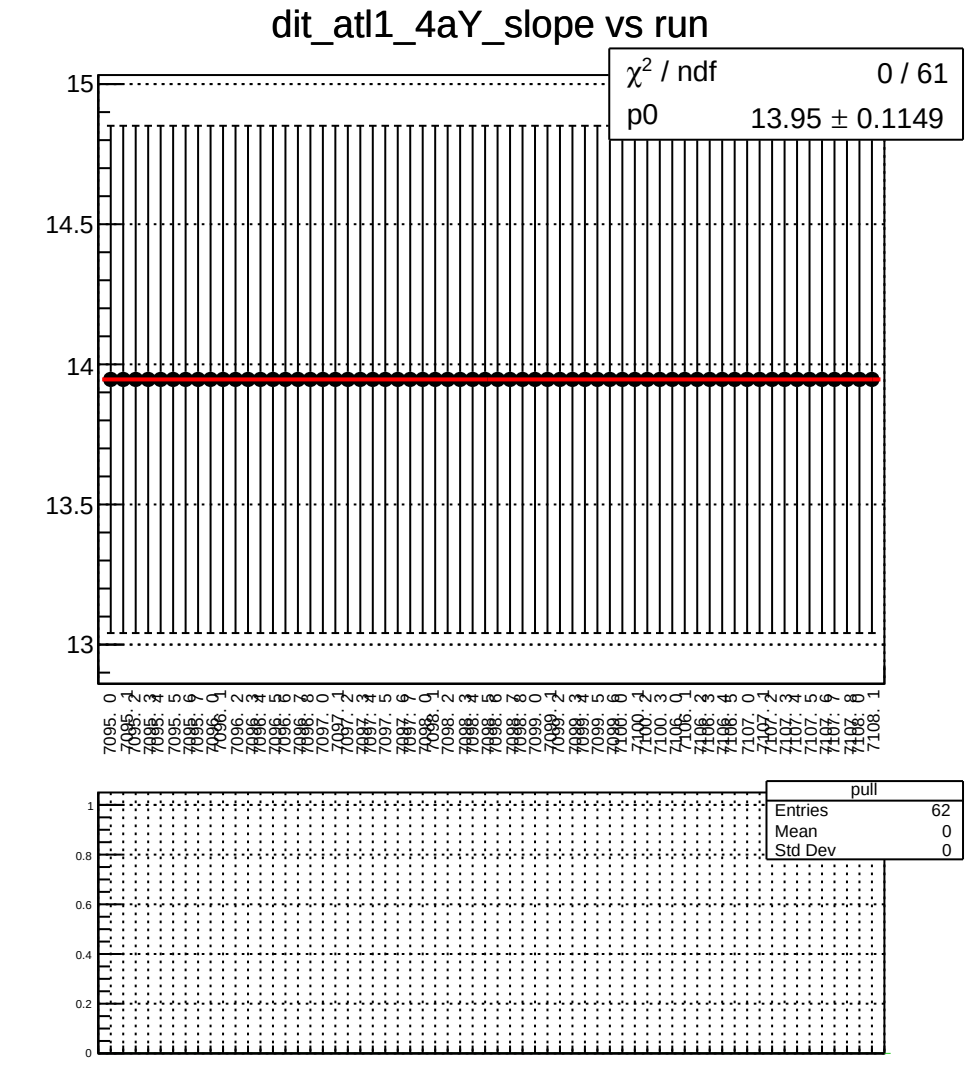

pull1D
Entries 62
Mean −2.835e−15
Std Dev1.543e−22

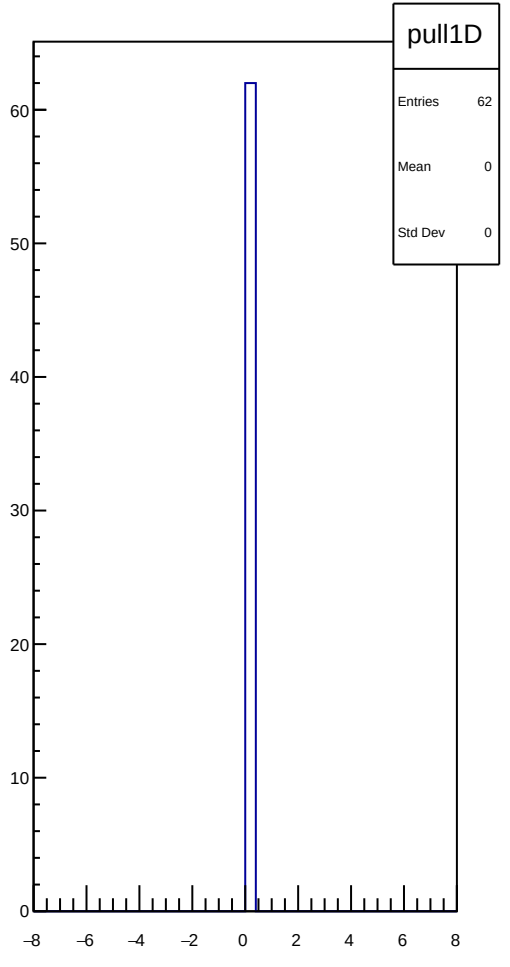

dit_atl1_4aX_slope vs run
χ² / ndf 1.042e−26 / 61
p0 −49.68 ± 0.7657
−44
−46
−48
−50
−52
−54
−56
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
pull1D
Entries 62
Mean −1.296e−14
Std Dev 6.527e−22
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

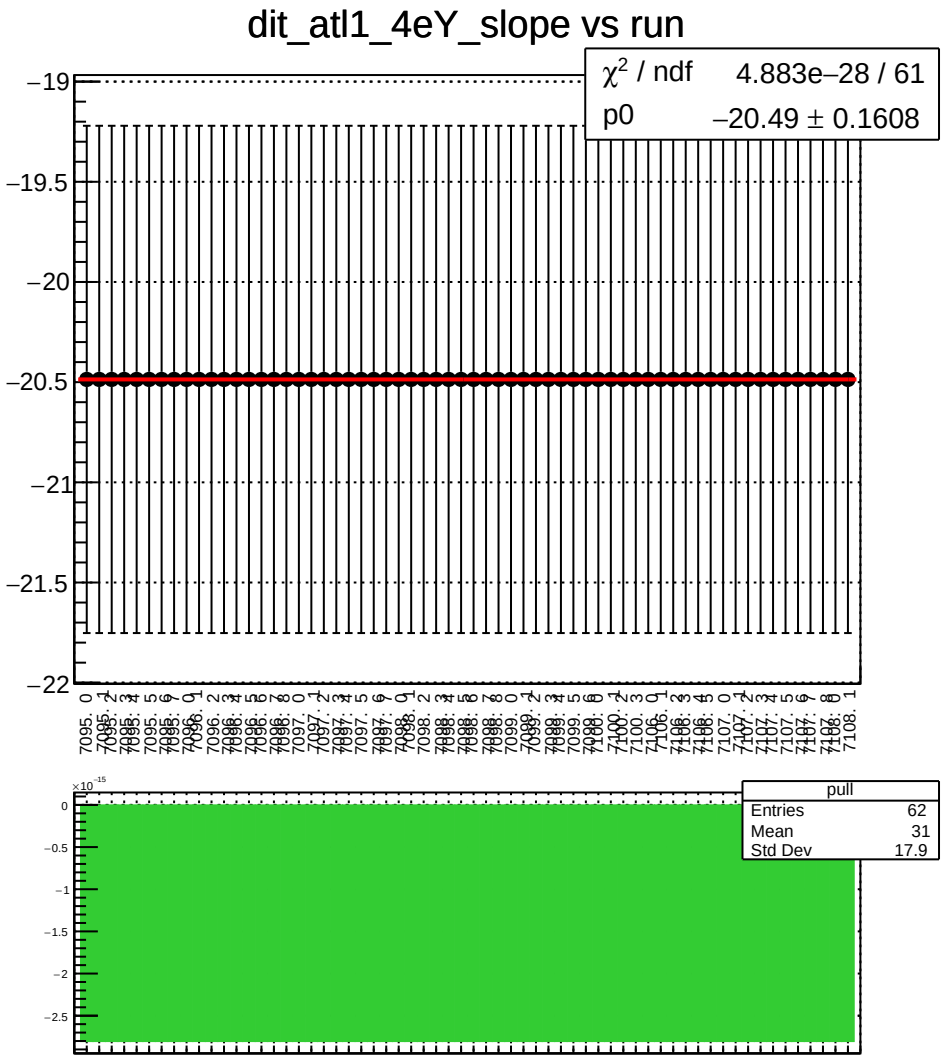

dit_atl1_4eX_slope vs run
χ² / ndf 4.3e−26 / 61
p0 87.51 ± 0.6168
92
90
88
86
84
82
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
25
20
15
10
5
0

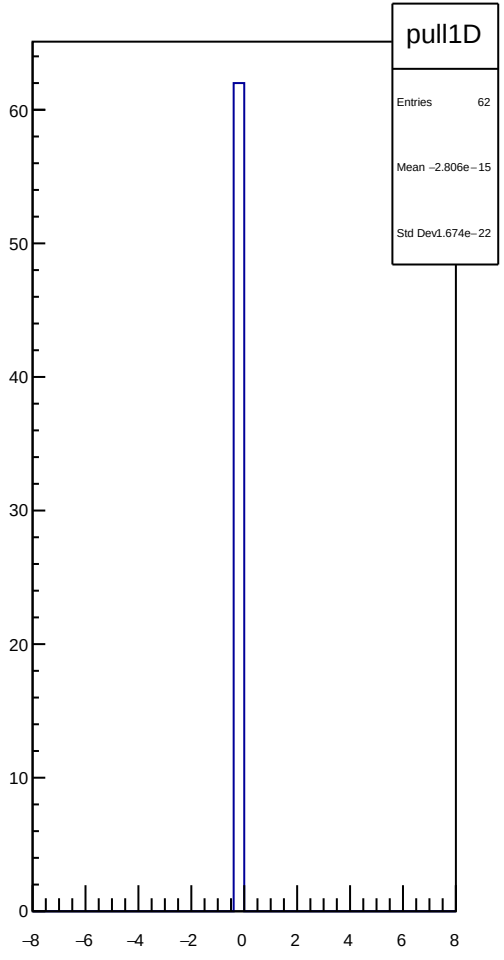

pull1D
Entries 62
Mean 2.634e−14
Std Dev 6.696e−22
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

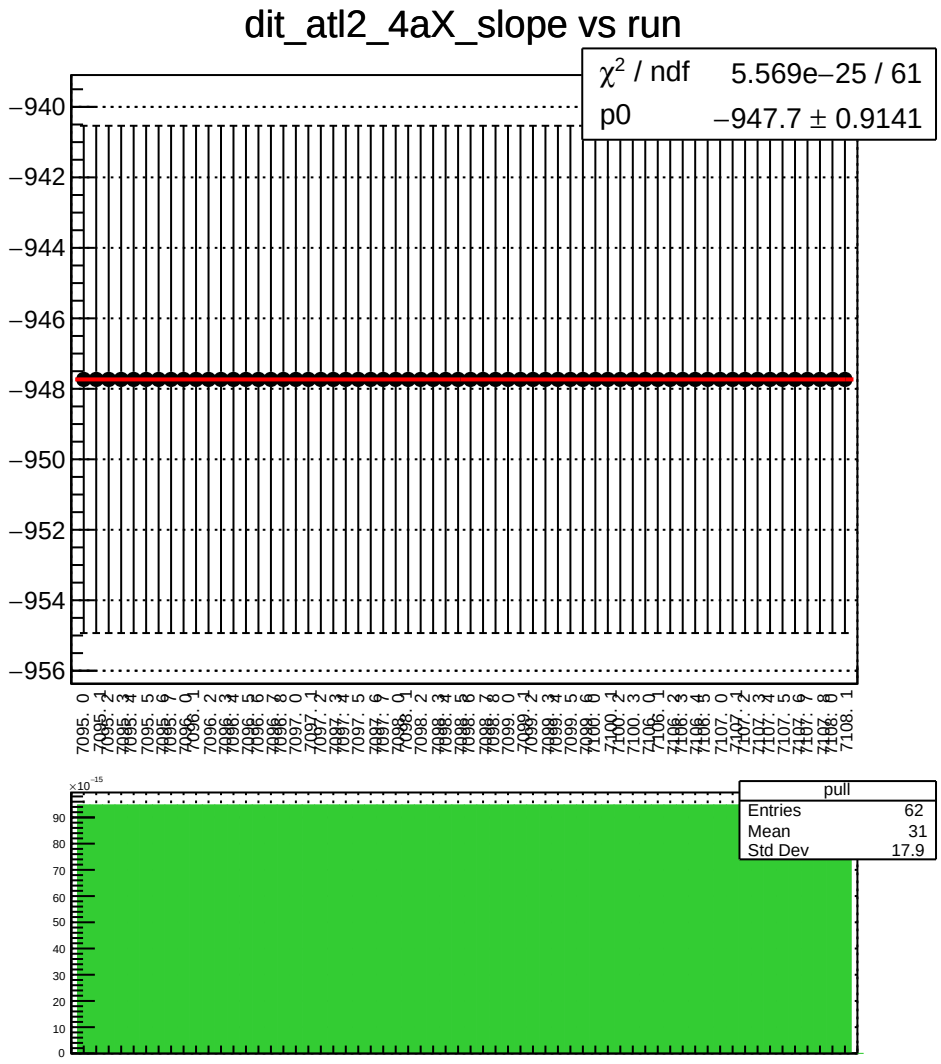

dit_atl1_11X12X_slope vs run
χ² / ndf 4.052e−26 / 61
p0 −19.7 ± 0.0706
−19.2
−19.4
−19.6
−19.8
−20
−20.2
pull
Entries 62
Mean 31
Std Dev 17.9
pull1D
Entries 62
Mean −2.556e−14
Std Dev1.037e−21

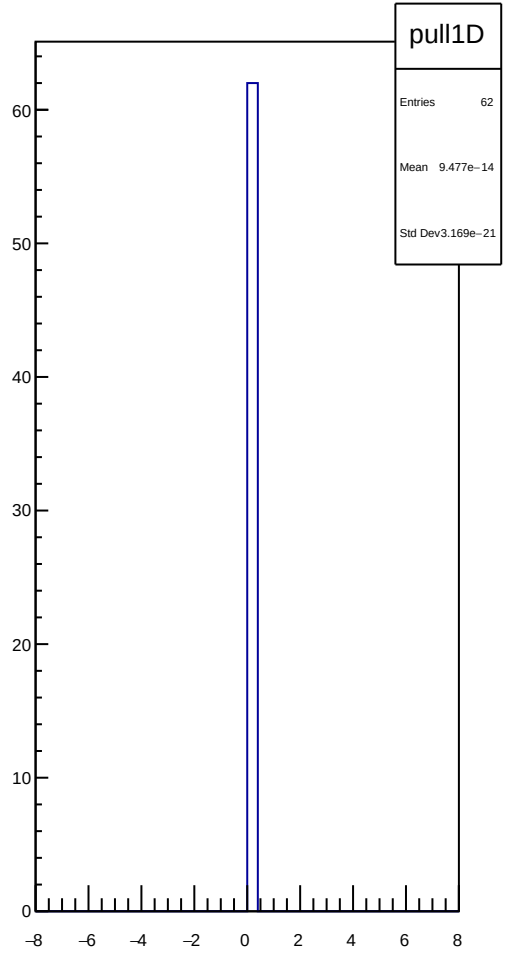

dit_atl1_4aY_slope vs run
χ² / ndf 0 / 61
p0 13.95 ± 0.1149
15
14.5
14
13.5
13
pull
Entries 62
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0

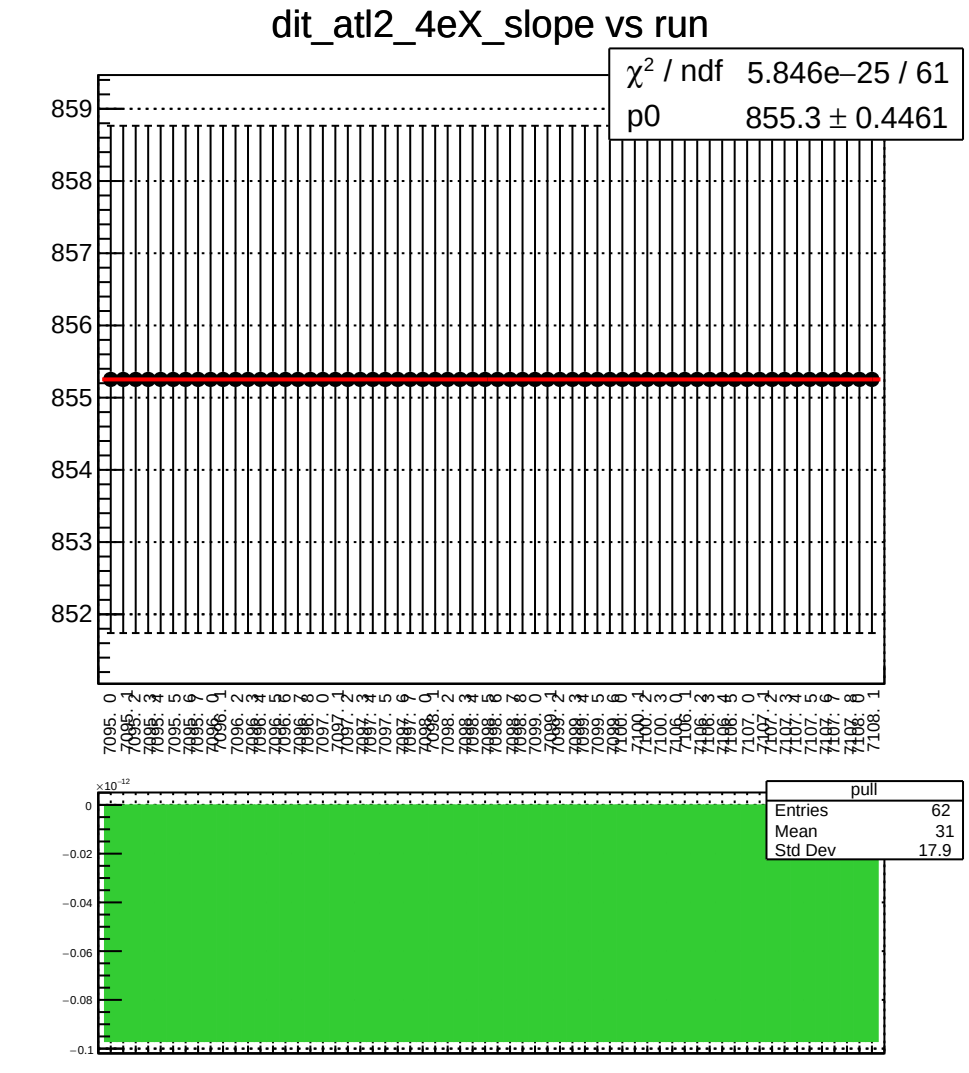

pull1D
Entries 62
Mean 0
Std Dev 0
60
50
40
30
20
10
0
–8
–6
–4
–2
0
2
4
6
8

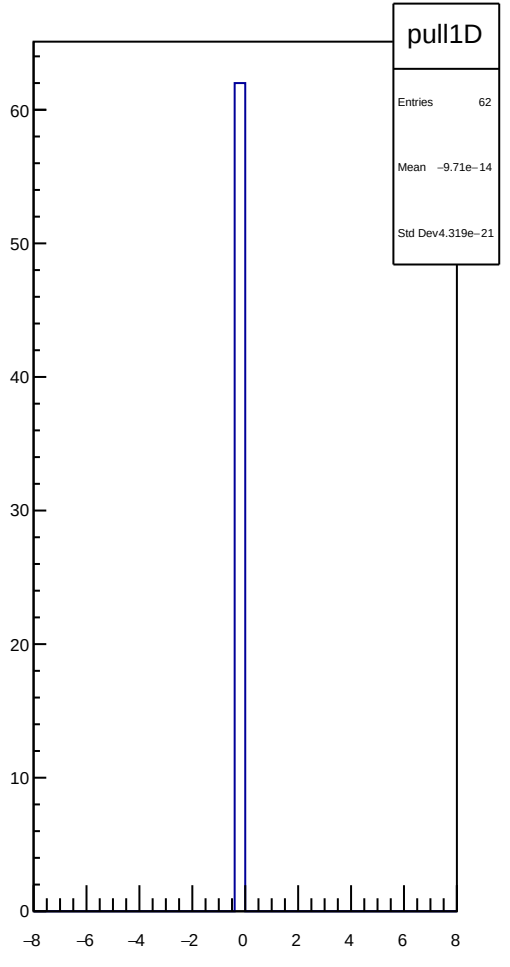

dit_atl1_4eY_slope vs run
χ² / ndf 4.883e−28 / 61
p0 −20.49 ± 0.1608
−19
−19.5
−20
−20.5
−21
−21.5
−22
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
0
−0.5
−1
−1.5
−2
−2.5

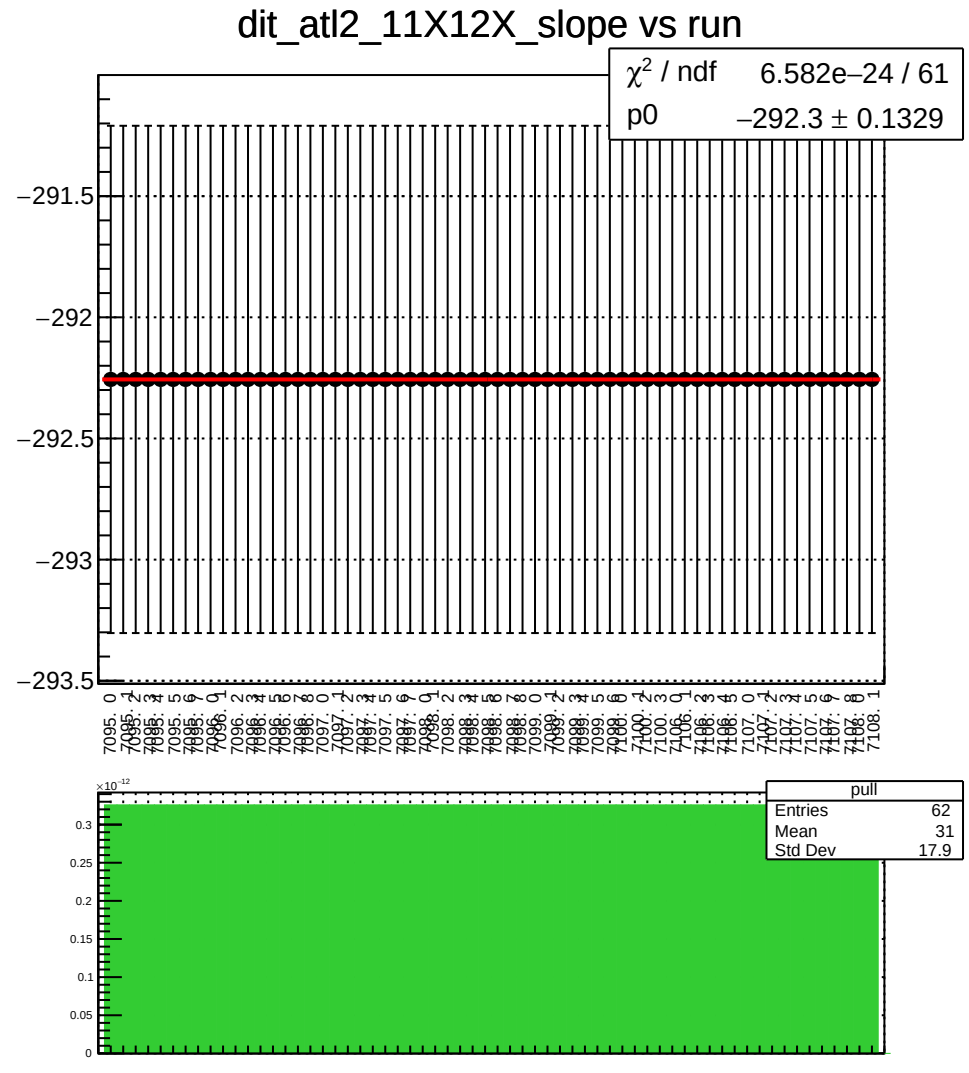

pull1D
Entries 62
Mean −2.806e−15
Std Dev1.674e−22
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

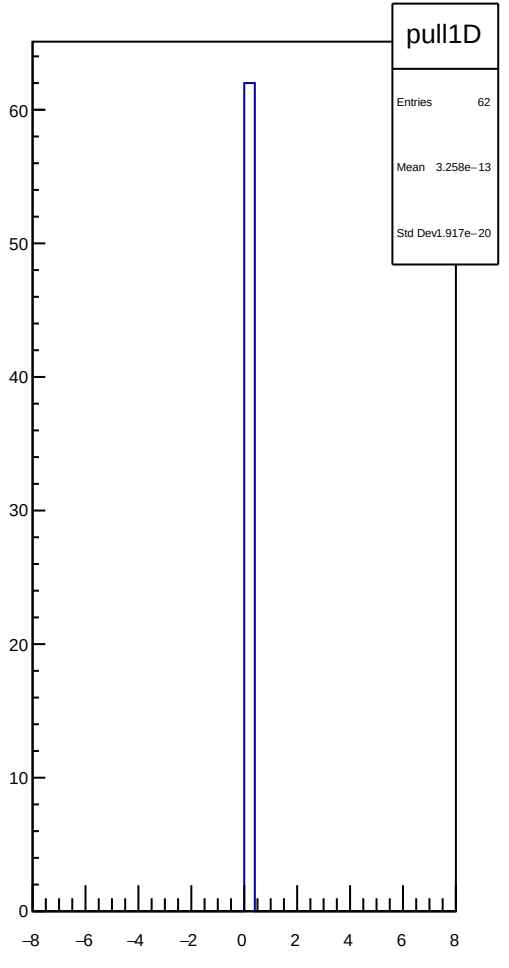

dit_atl2_4aX_slope vs run
χ² / ndf 5.569e−25 / 61
p0 −947.7 ± 0.9141
−940
−942
−944
−946
−948
−950
−952
−954
−956
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
90
80
70
60
50
40
30
20
10
0

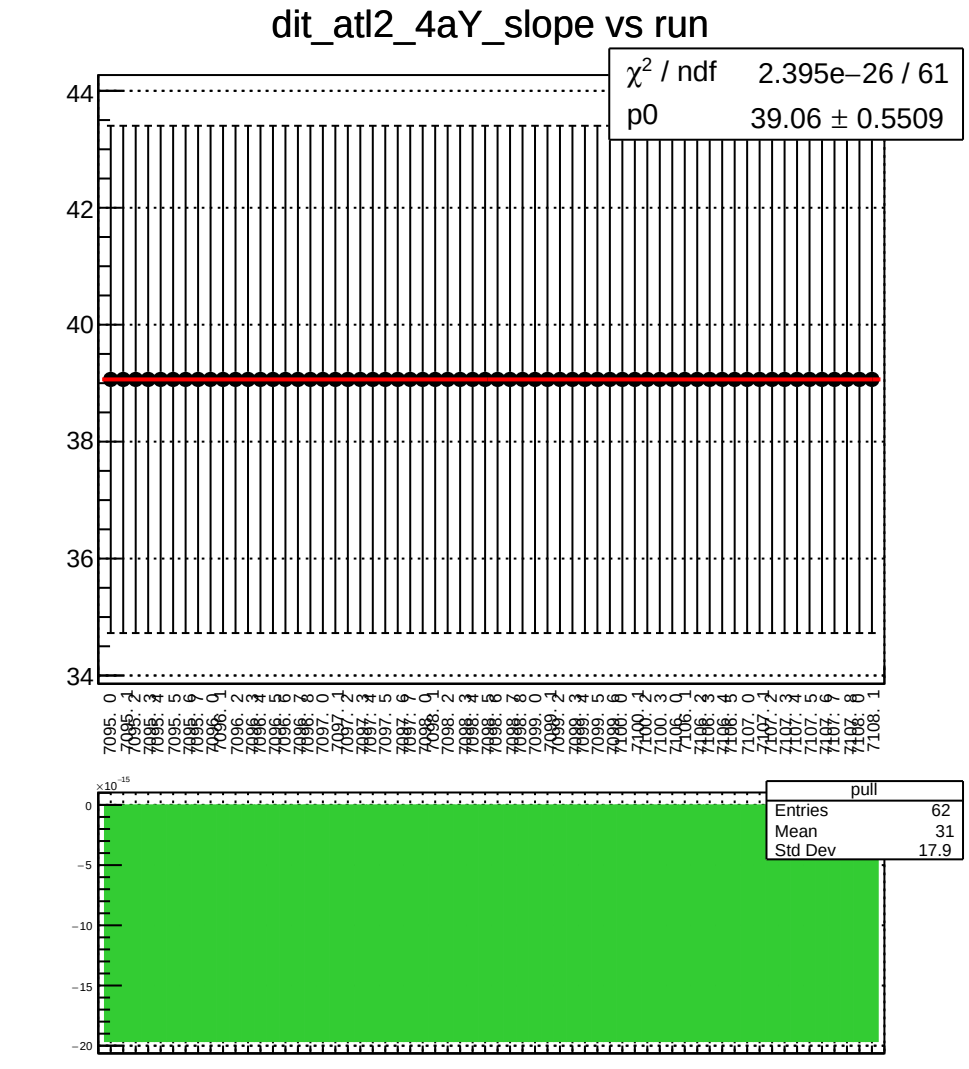

pull1D
Entries 62
Mean 9.477e−14
Std Dev3.169e−21
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

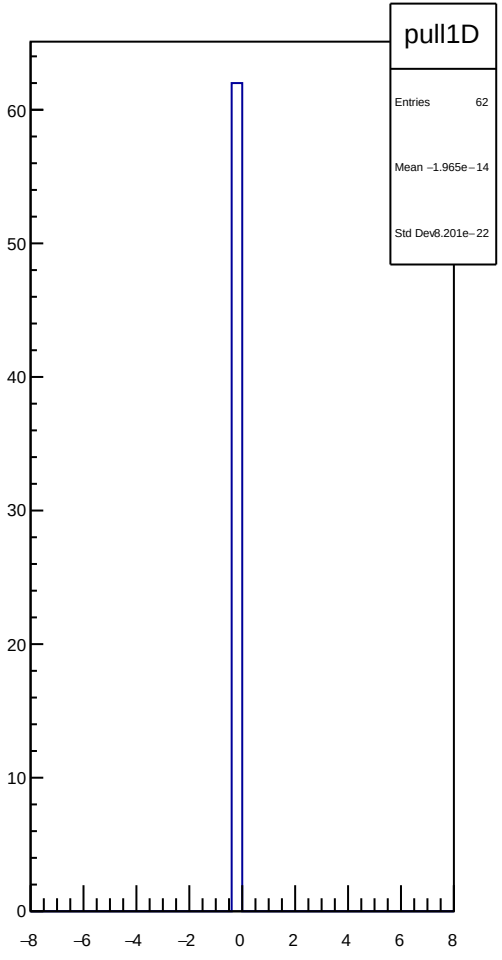

dit_atl2_4eX_slope vs run
χ² / ndf 5.846e−25 / 61
p0 855.3 ± 0.4461
859
858
857
856
855
854
853
852
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1

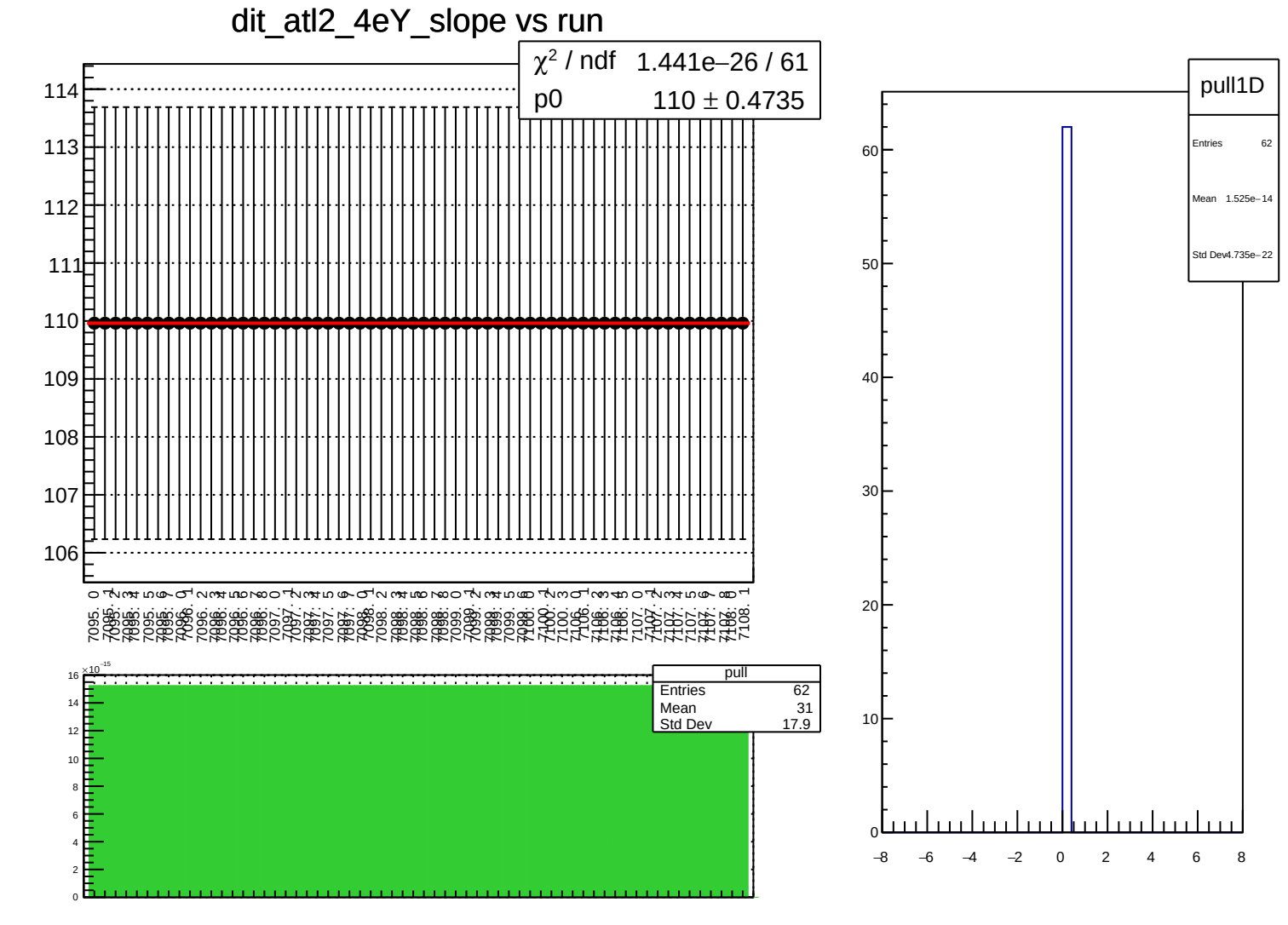

pull1D
Entries 62
Mean −9.71e−14
Std Dev4.319e−21
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

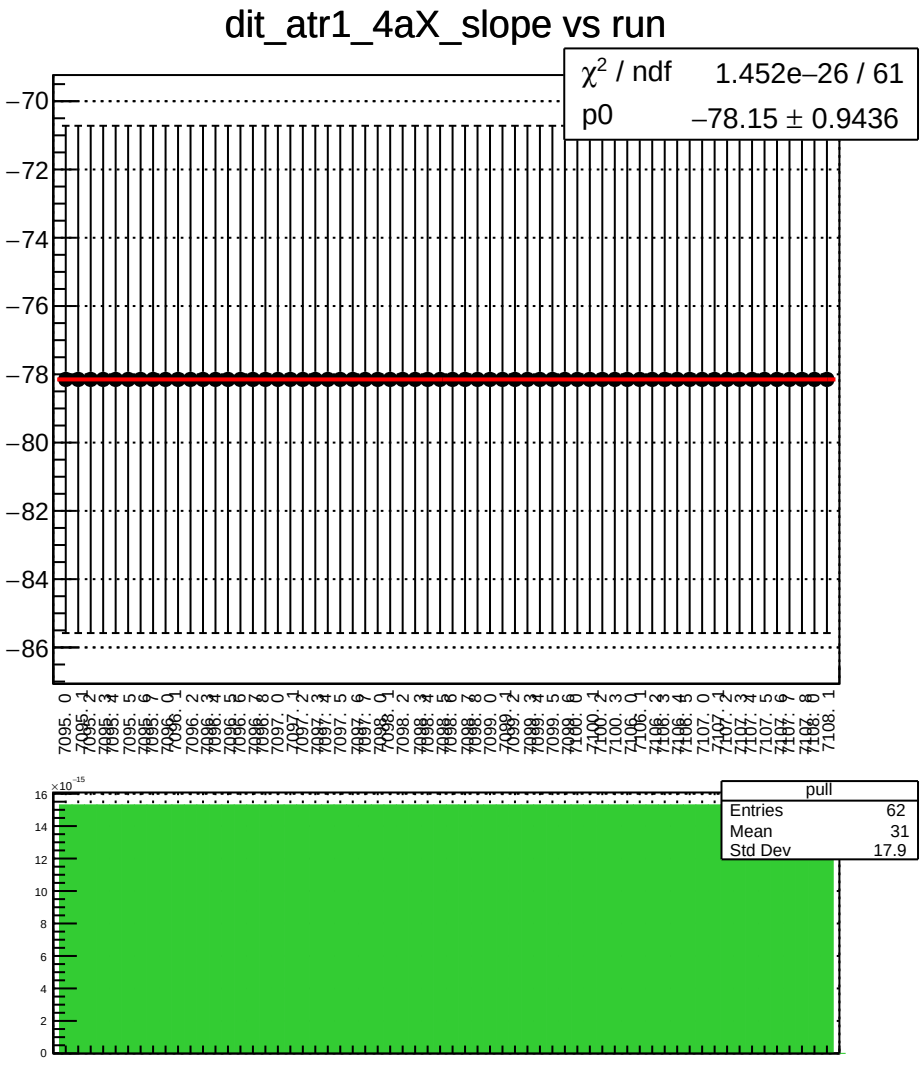

dit_atl2_11X12X_slope vs run
χ² / ndf 6.582e−24 / 61
p0 −292.3 ± 0.1329
−291.5
−292
−292.5
−293
−293.5
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹²
0.3
0.25
0.2
0.15
0.1
0.05
0

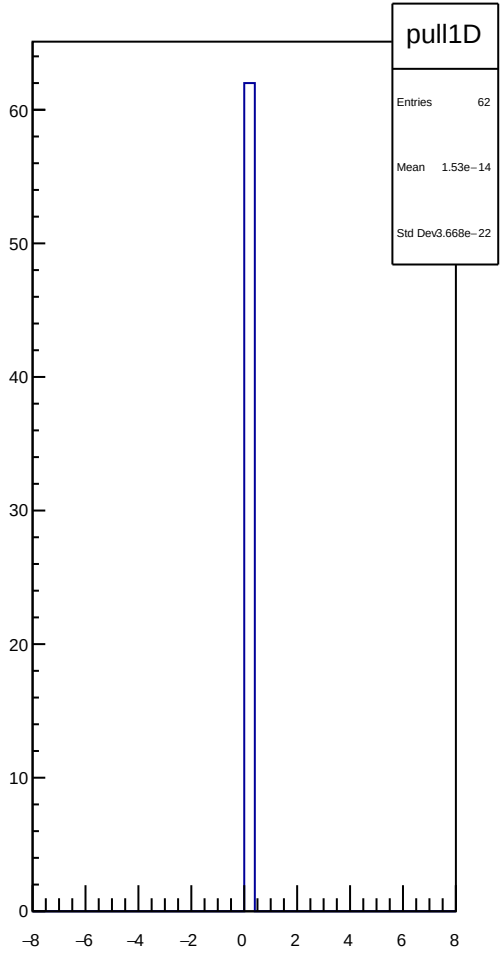

pull1D
Entries 62
Mean 3.258e−13
Std Dev1.917e−20
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

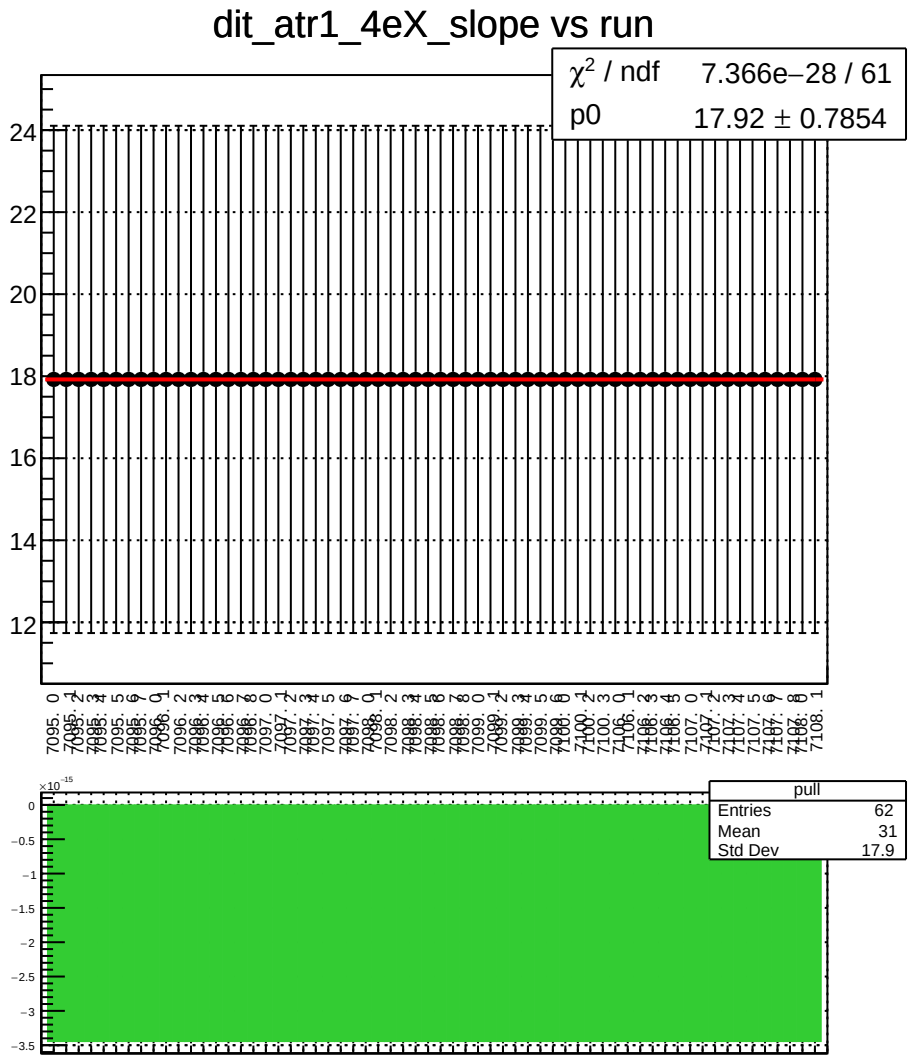

dit_atl2_4aY_slope vs run
χ² / ndf 2.395e−26 / 61
p0 39.06 ± 0.5509
pull
Entries 62
Mean 31
Std Dev 17.9

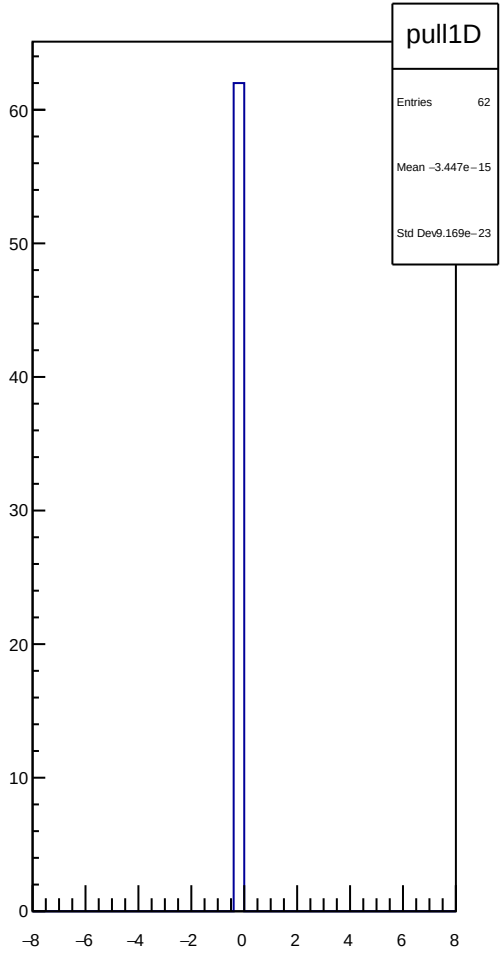

pull1D
Entries 62
Mean −1.965e−14
Std Dev 8.201e−22

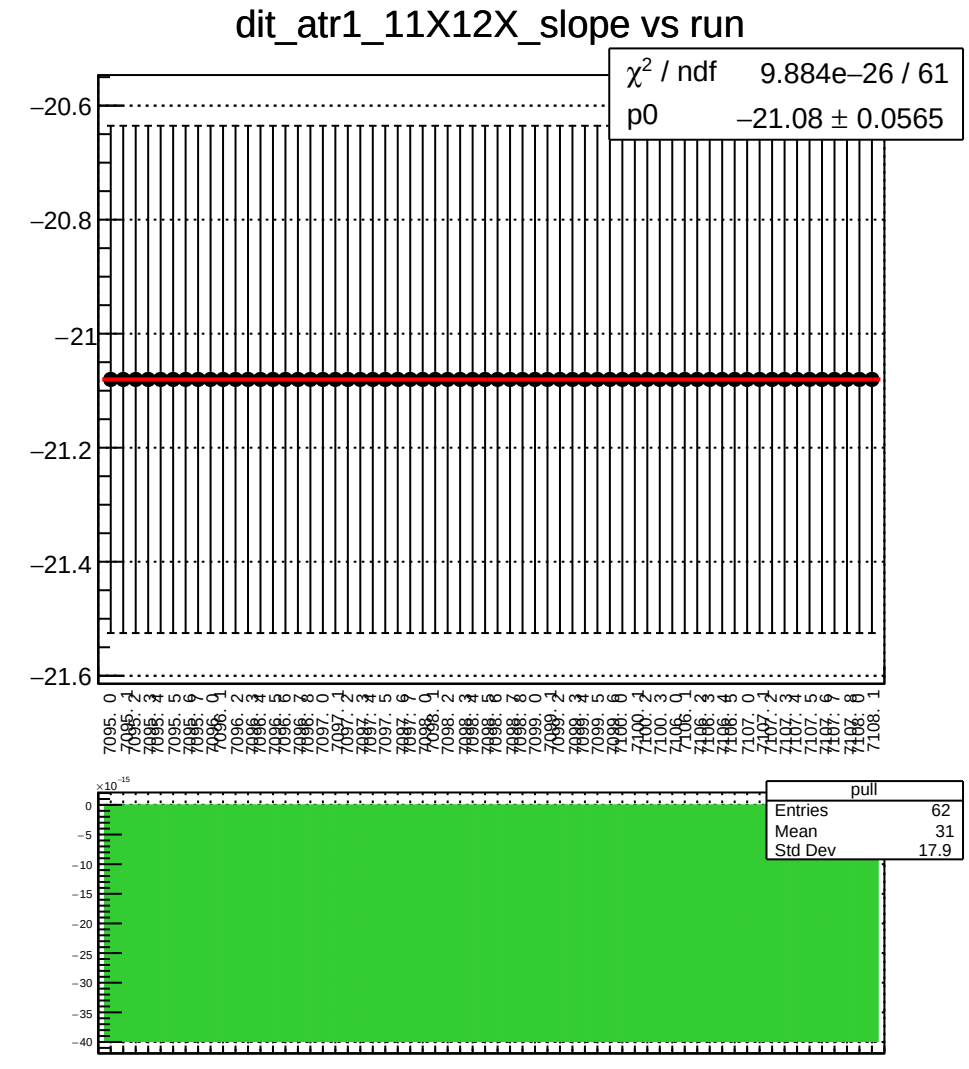

dit_atl2_4eY_slope vs run
χ² / ndf 1.441e−26 / 61
p0 110 ± 0.4735
pull
Entries 62
Mean 31
Std Dev 17.9
pull1D
Entries 62
Mean 1.525e−14
Std Dev 4.735e−22

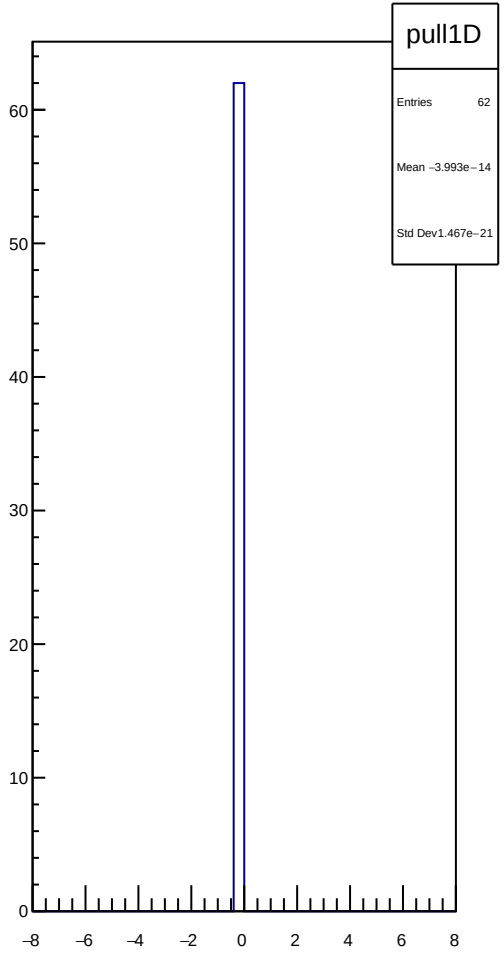

dit_atr1_4aX_slope vs run
χ² / ndf 1.452e−26 / 61
p0 −78.15 ± 0.9436
pull
Entries 62
Mean 31
Std Dev 17.9

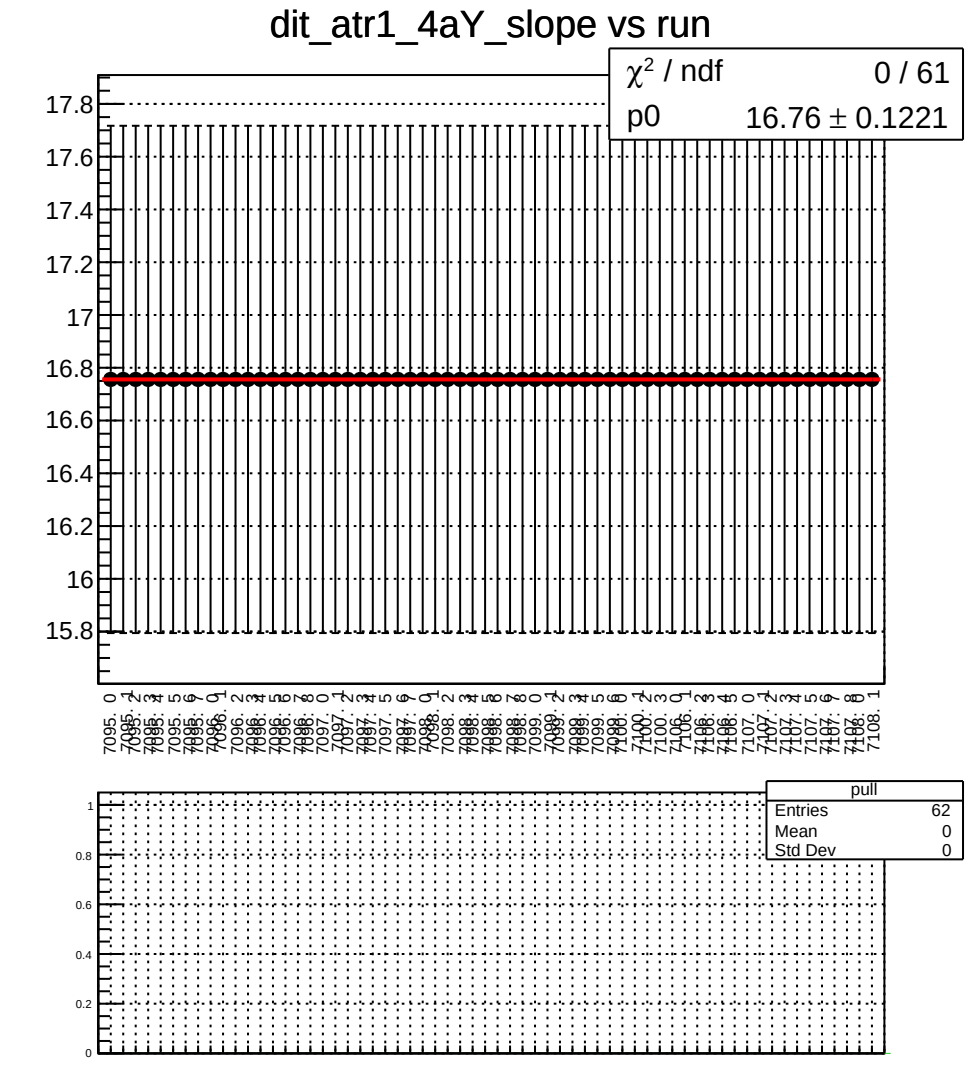

pull1D
Entries 62
Mean 1.53e−14
Std Dev 3.668e−22

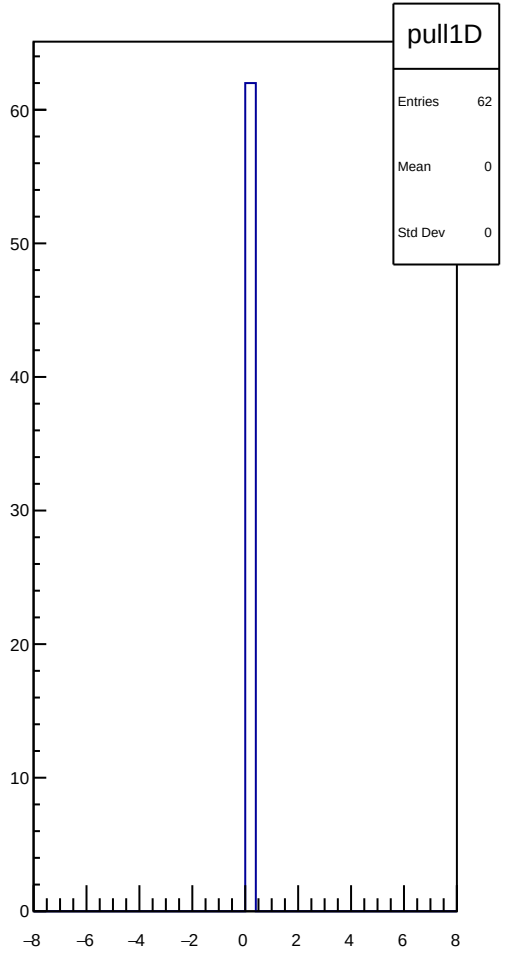

dit_atr1_4eX_slope vs run
χ² / ndf 7.366e−28 / 61
p0 17.92 ± 0.7854
pull
Entries 62
Mean 31
Std Dev 17.9

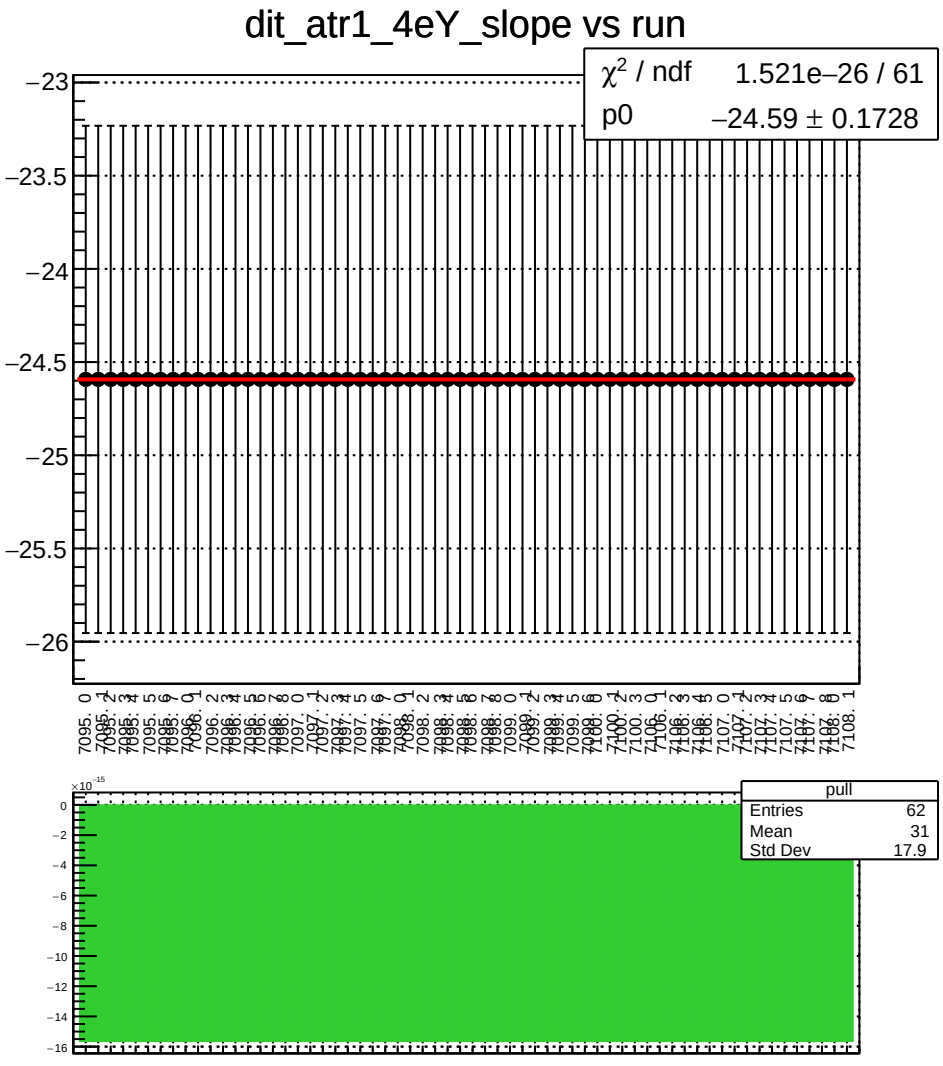

pull1D
Entries 62
Mean −3.447e−15
Std Dev9.169e−23

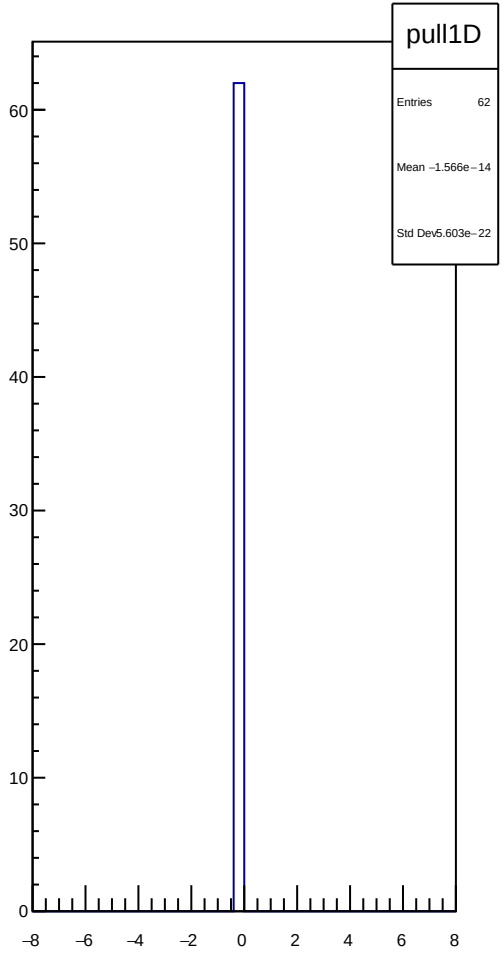

dit_atr1_11X12X_slope vs run
χ² / ndf 9.884e−26 / 61
p0 −21.08 ± 0.0565
−20.6
−20.8
−21
−21.2
−21.4
−21.6
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵

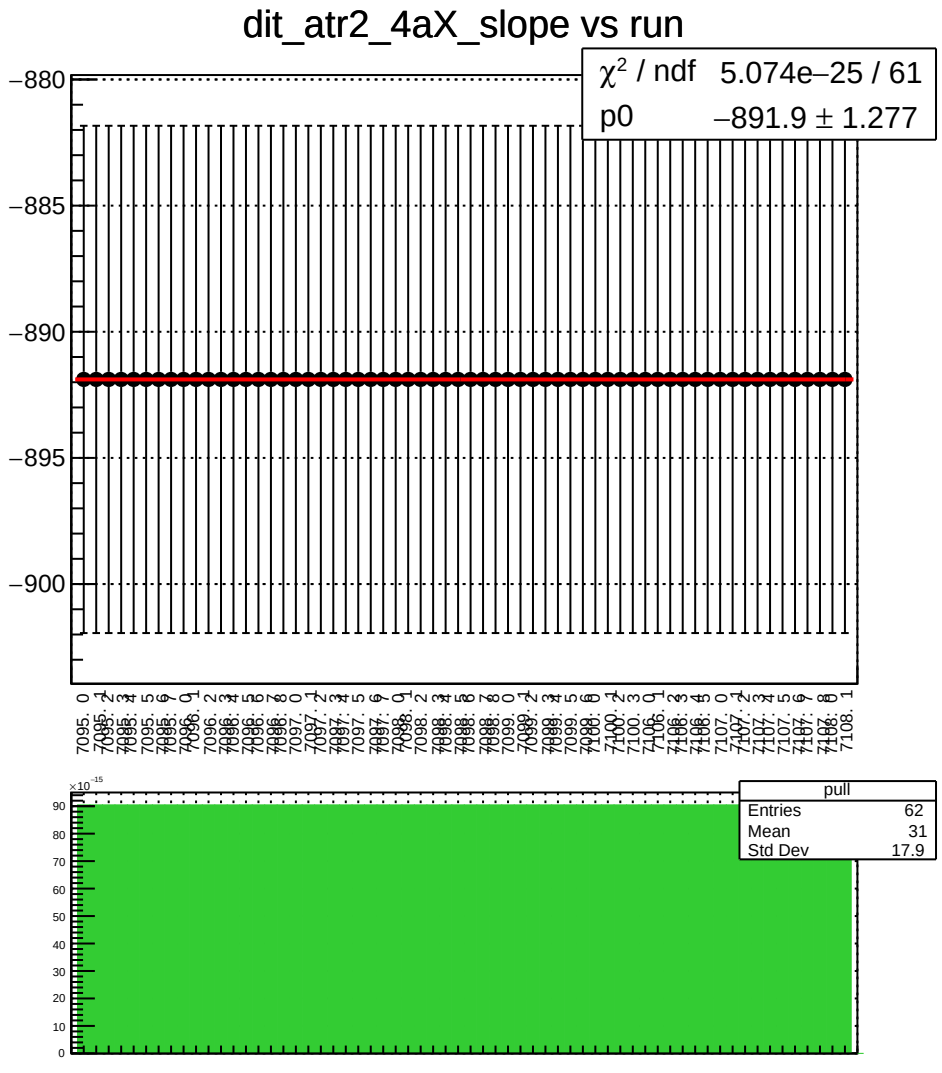

pull1D
Entries 62
Mean −3.993e−14
Std Dev1.467e−21

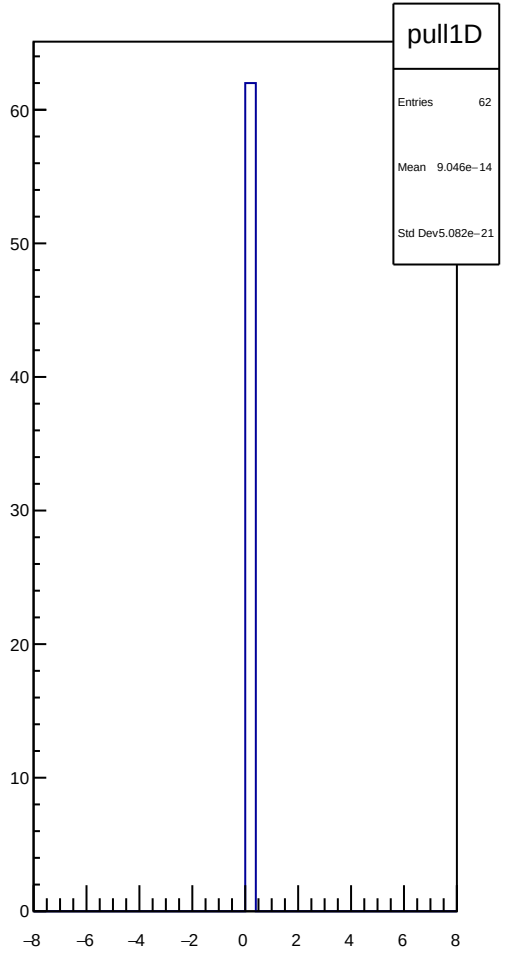

dit_atr1_4aY_slope vs run
χ² / ndf 0 / 61
p0 16.76 ± 0.1221
pull
Entries 62
Mean 0
Std Dev 0

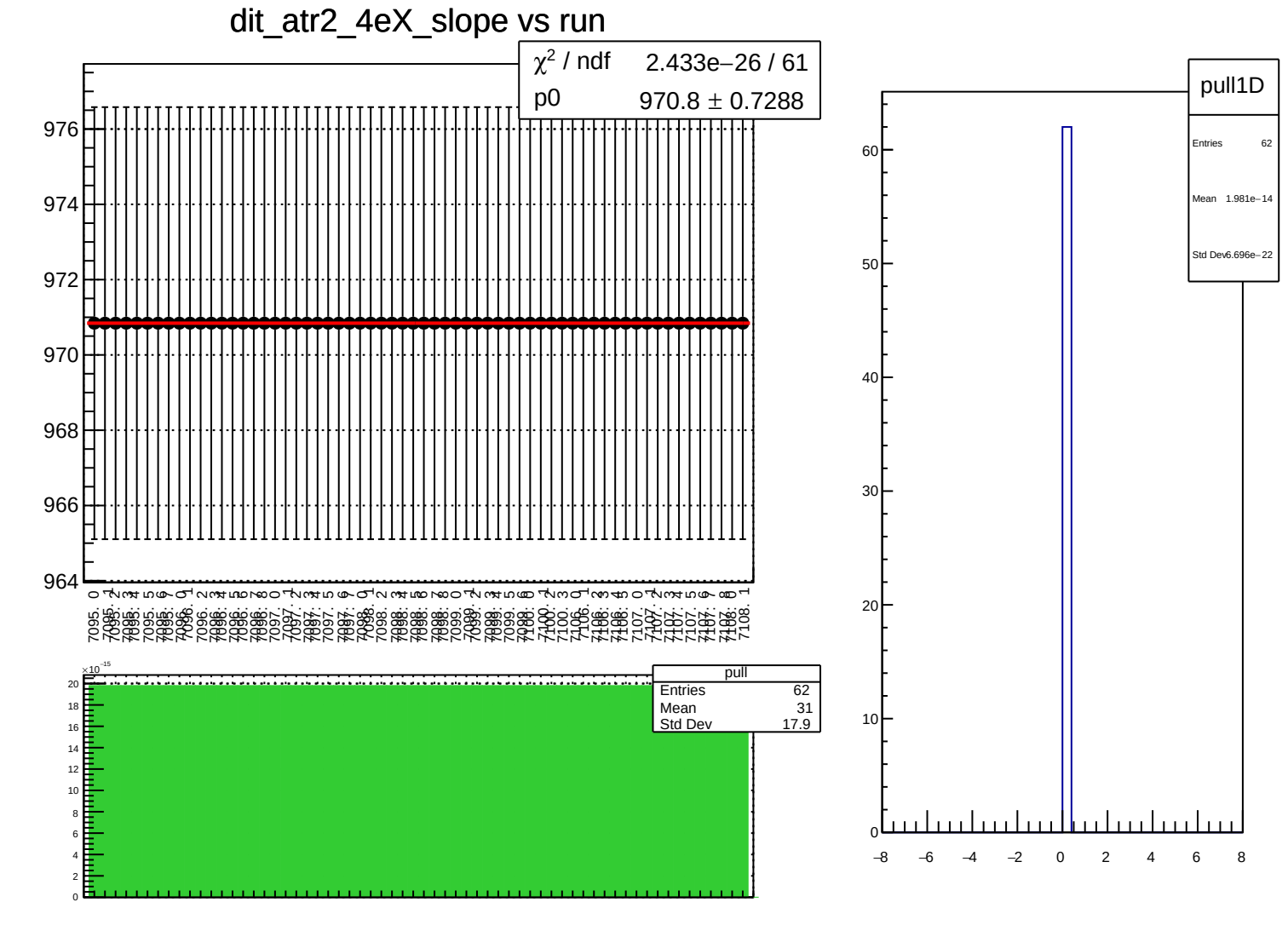

pull1D
Entries 62
Mean 0
Std Dev 0

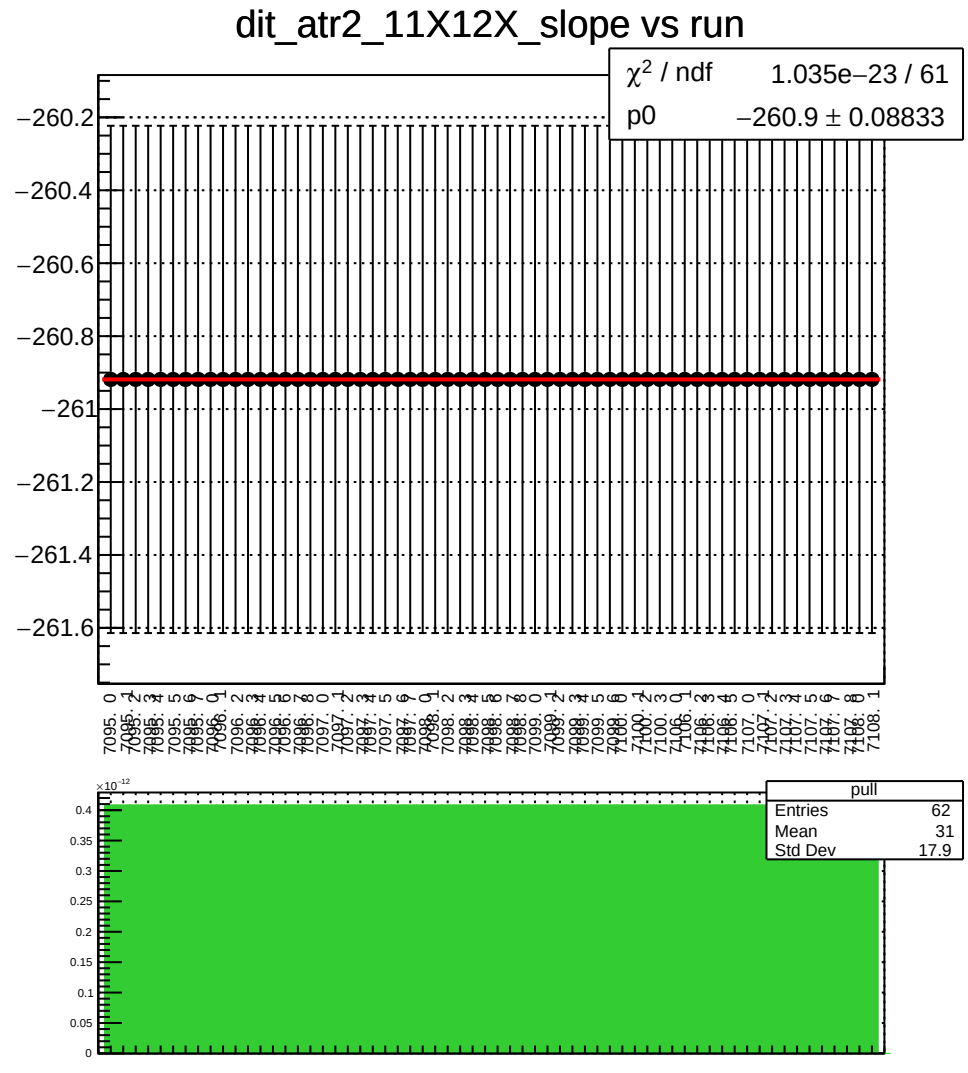

dit_atr1_4eY_slope vs run
χ² / ndf 1.521e−26 / 61
p0 −24.59 ± 0.1728
pull
Entries 62
Mean 31
Std Dev 17.9

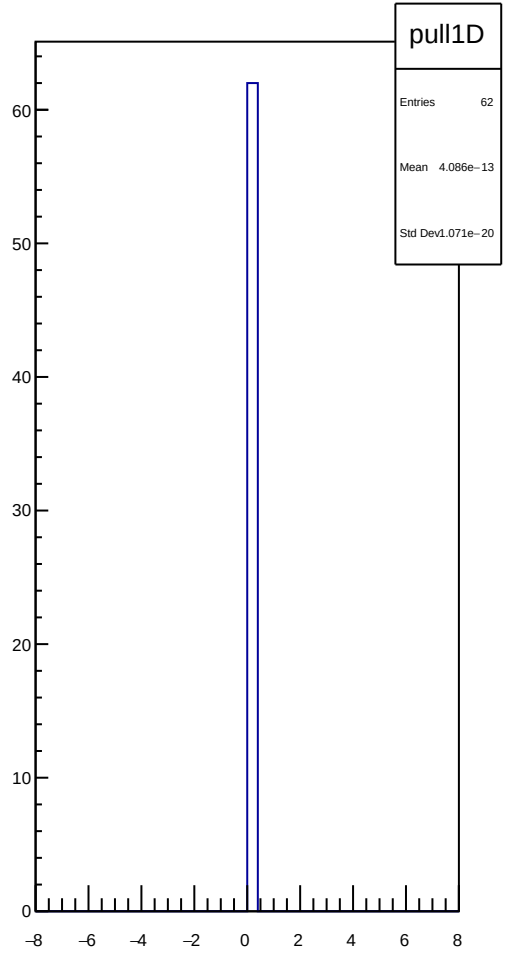

pull1D
Entries 62
Mean −1.566e−14
Std Dev5.603e−22

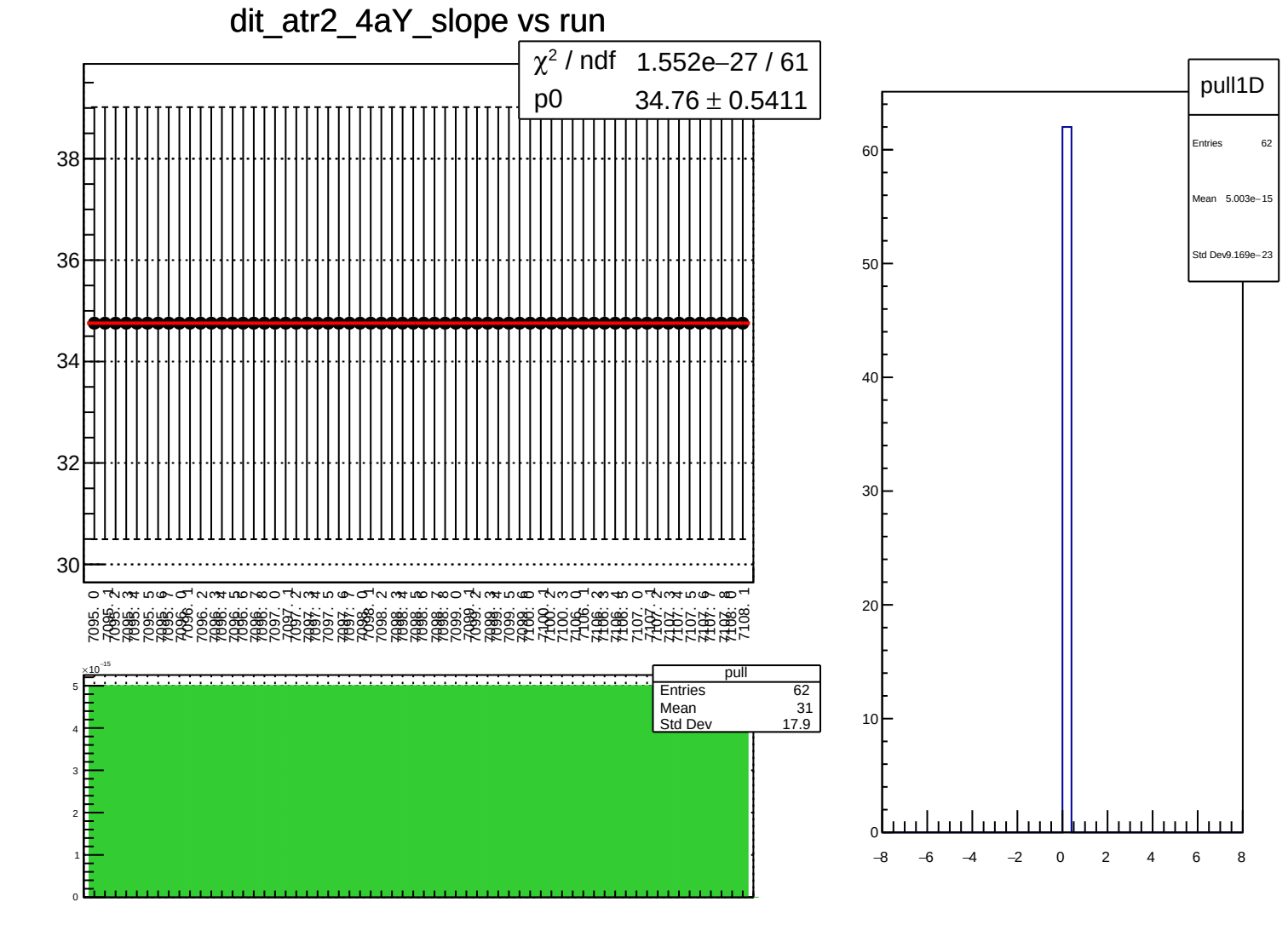

dit_atr2_4aX_slope vs run
χ² / ndf 5.074e−25 / 61
p0 −891.9 ± 1.277
−880
−885
−890
−895
−900
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
90
80
70
60
50
40
30
20
10
0

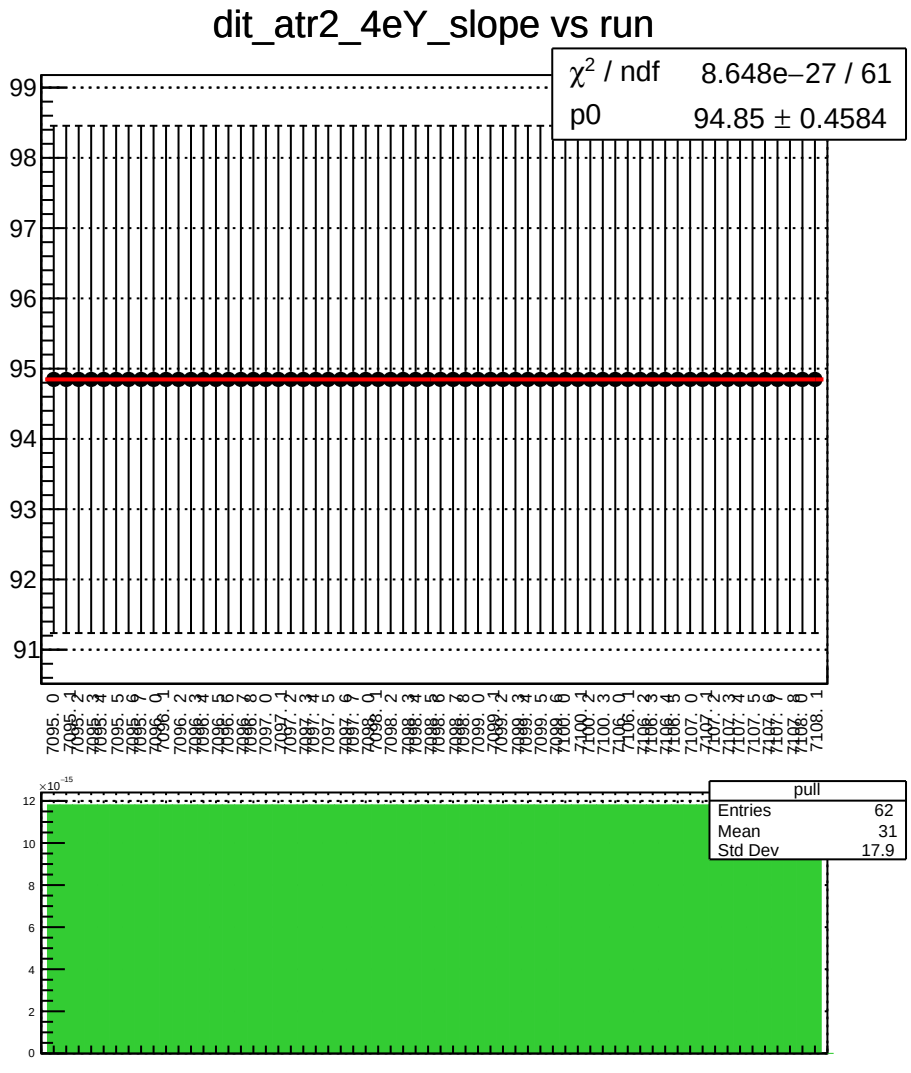

pull1D
Entries 62
Mean 9.046e−14
Std Dev 5.082e−21
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

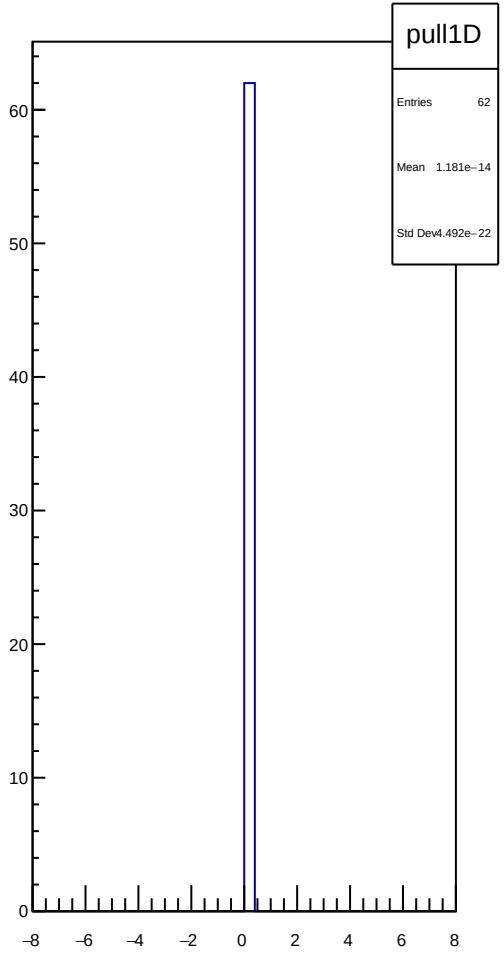

dit_atr2_4eX_slope vs run
χ² / ndf 2.433e−26 / 61
p0 970.8 ± 0.7288
976
974
972
970
968
966
964
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
20
18
16
14
12
10
8
6
4
2
0
pull1D
Entries 62
Mean 1.981e−14
Std Dev 6.696e−22
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

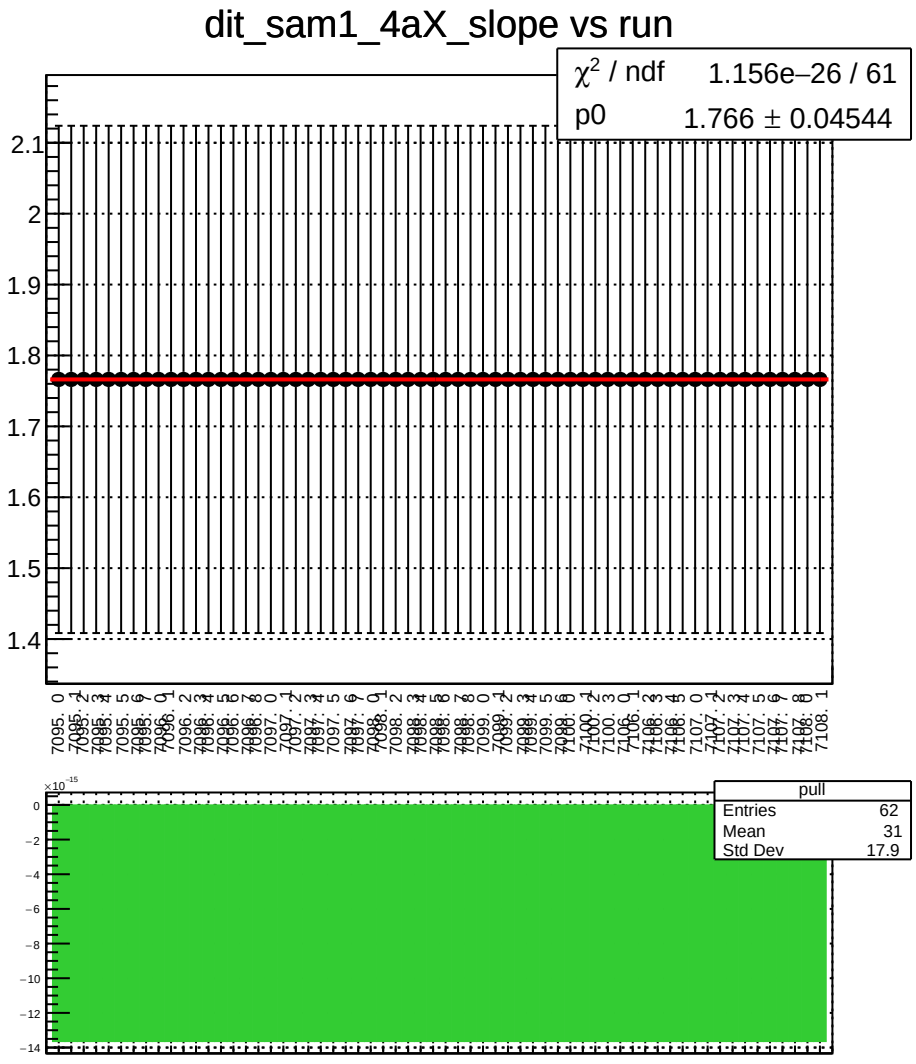

dit_atr2_11X12X_slope vs run
χ² / ndf 1.035e−23 / 61
p0 −260.9 ± 0.08833
−260.2
−260.4
−260.6
−260.8
−261
−261.2
−261.4
−261.6
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹²
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0

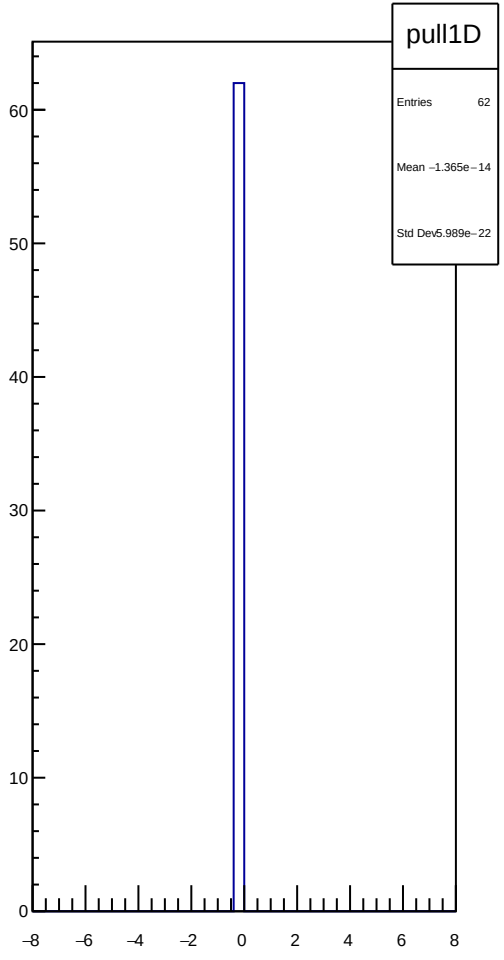

pull1D
Entries 62
Mean 4.086e−13
Std Dev1.071e−20
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

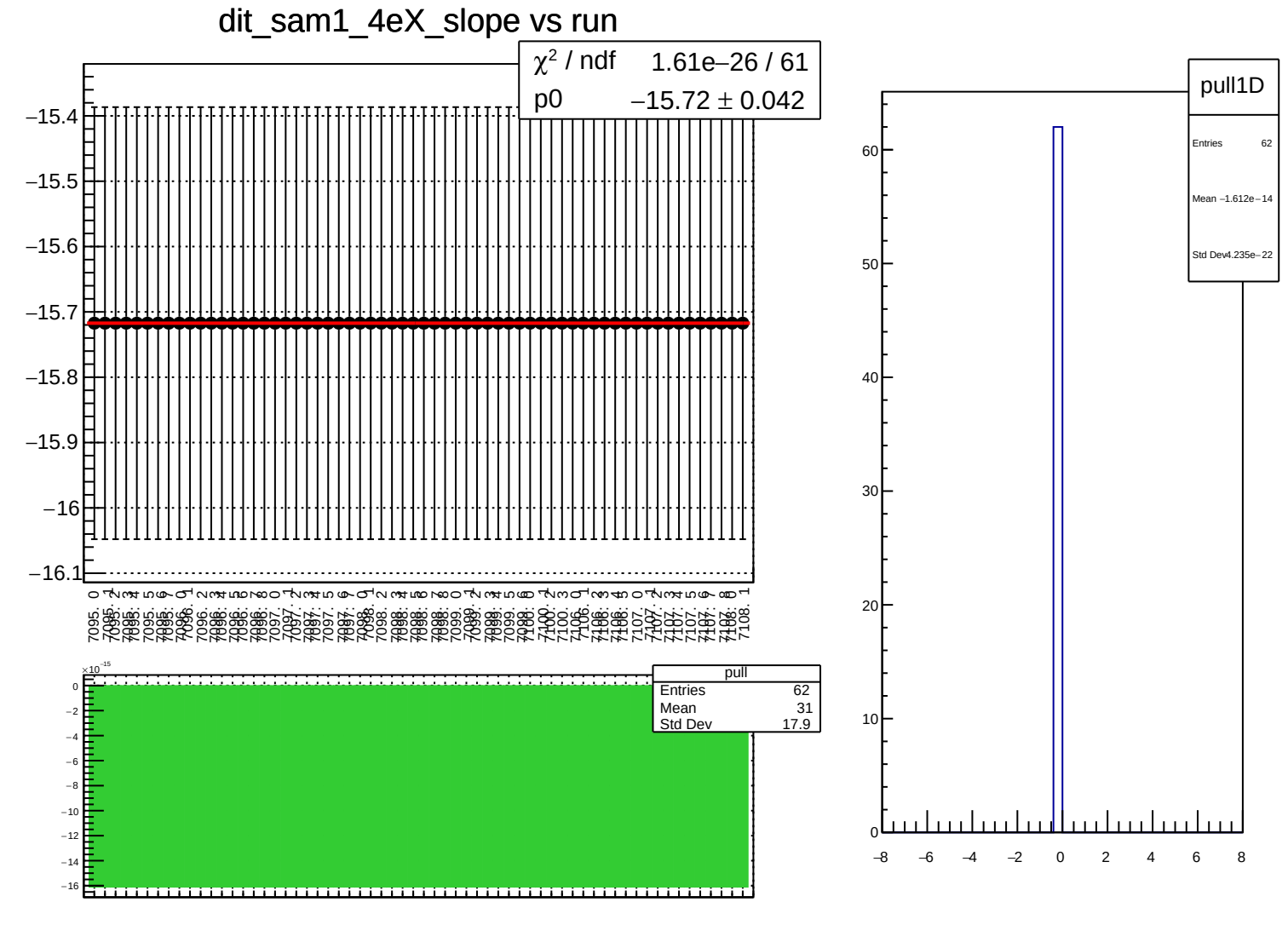

dit_atr2_4aY_slope vs run
χ² / ndf 1.552e−27 / 61
p0 34.76 ± 0.5411
38
36
34
32
30
pull
Entries 62
Mean 31
Std Dev 17.9
pull1D
Entries 62
Mean 5.003e−15
Std Dev 9.169e−23
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

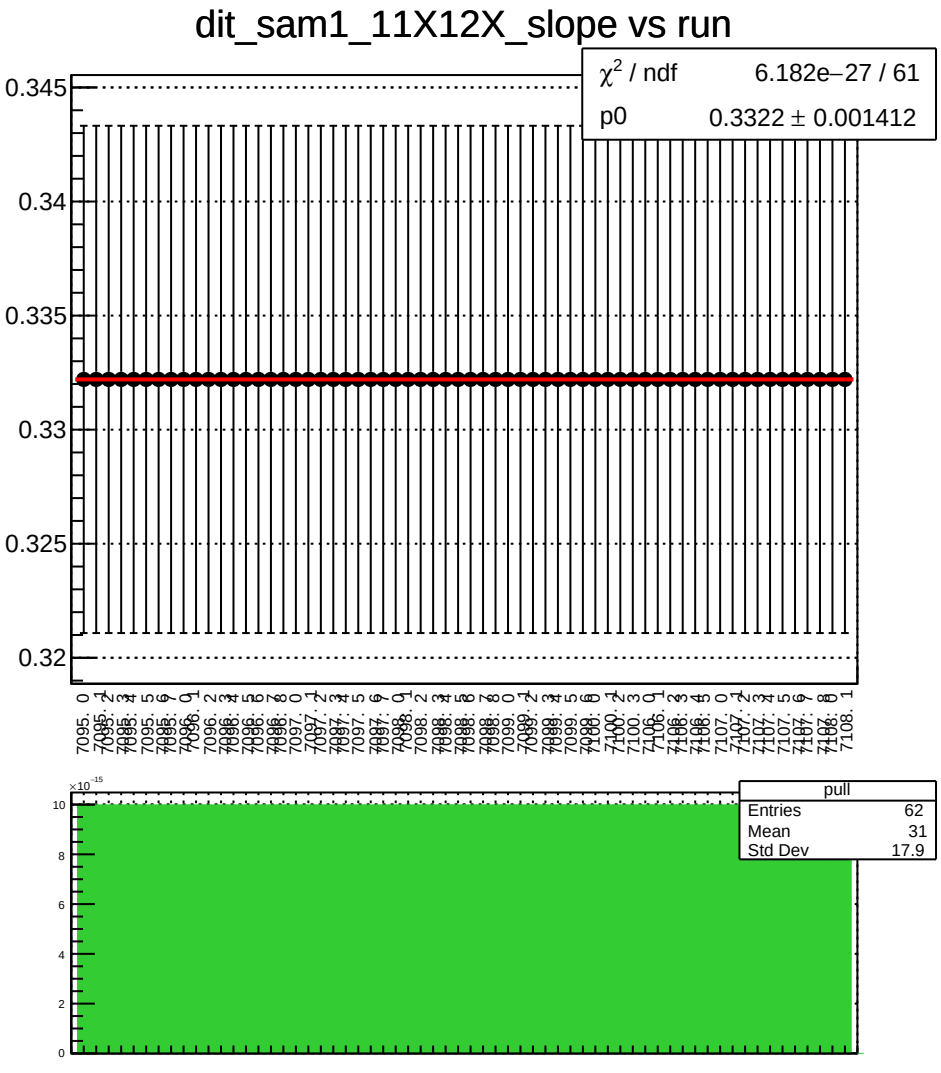

dit_atr2_4eY_slope vs run
χ² / ndf 8.648e−27 / 61
p0 94.85 ± 0.4584
pull
Entries 62
Mean 31
Std Dev 17.9

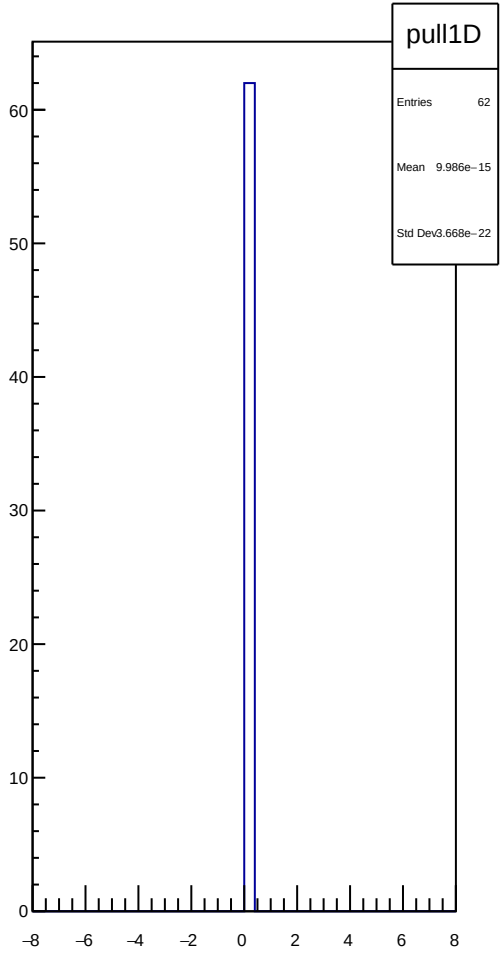

pull1D
Entries 62
Mean 1.181e−14
Std Dev4.492e−22

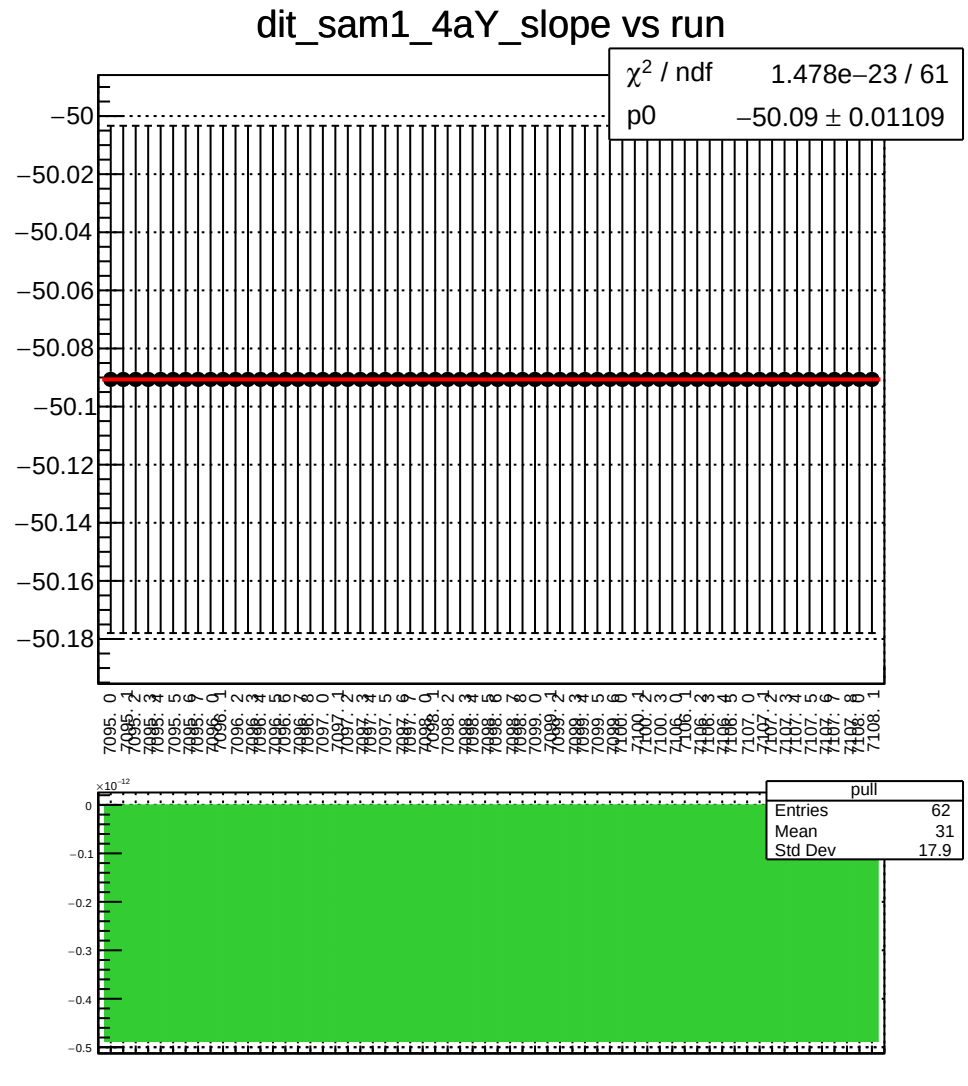

dit_sam1_4aX_slope vs run
χ² / ndf 1.156e−26 / 61
p0 1.766 ± 0.04544
pull
Entries 62
Mean 31
Std Dev 17.9

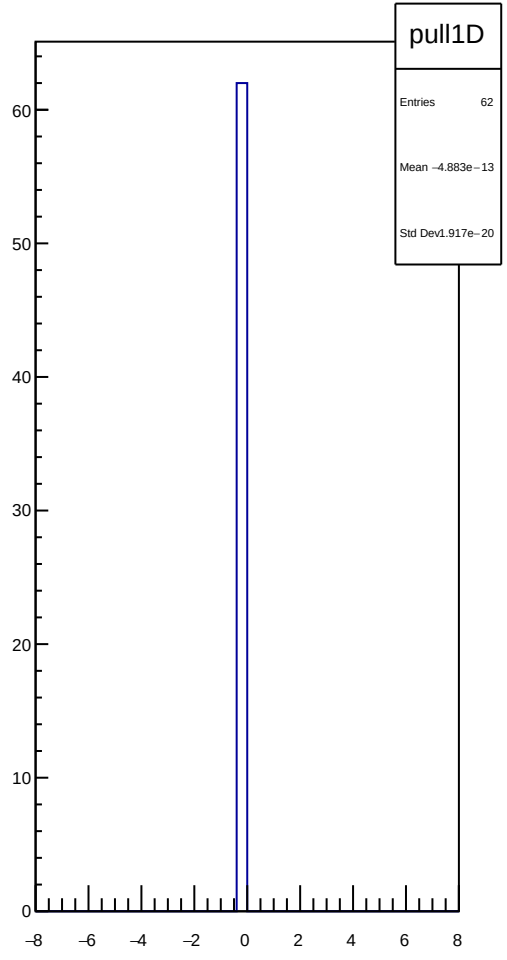

pull1D
Entries 62
Mean −1.365e−14
Std Dev 5.989e−22

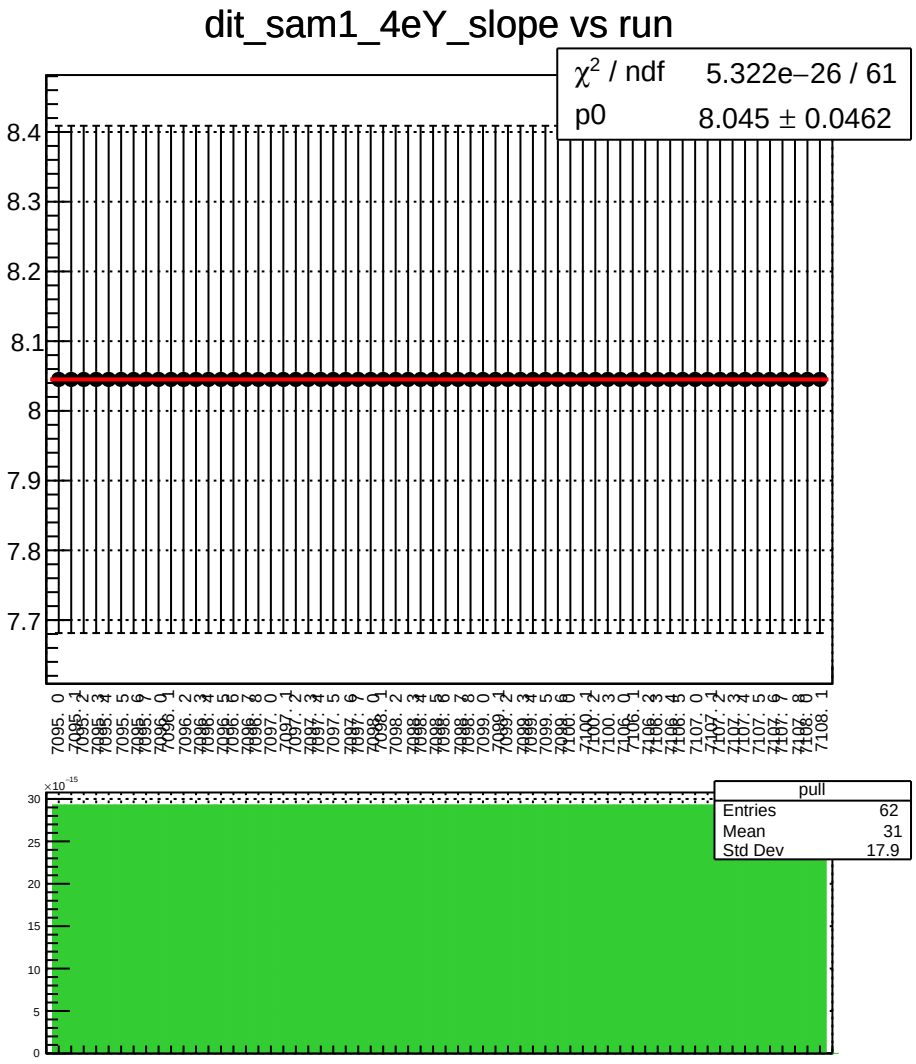

dit_sam1_4eX_slope vs run
χ² / ndf 1.61e−26 / 61
p0 −15.72 ± 0.042
−15.4
−15.5
−15.6
−15.7
−15.8
−15.9
−16
−16.1
pull
Entries 62
Mean 31
Std Dev 17.9
pull1D
Entries 62
Mean −1.612e−14
Std Dev4.235e−22

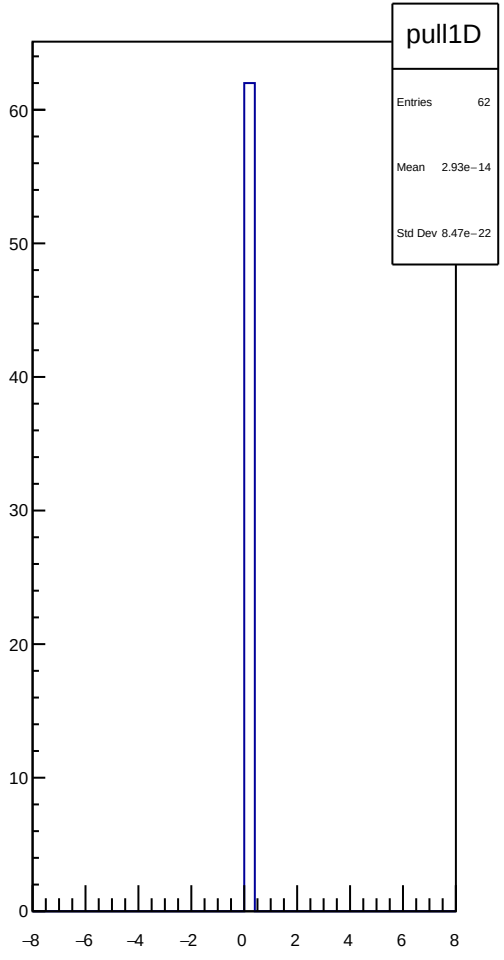

dit_sam1_11X12X_slope vs run
χ² / ndf 6.182e−27 / 61
p0 0.3322 ± 0.001412
0.345
0.34
0.335
0.33
0.325
0.32
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
10
8
6
4
2
0

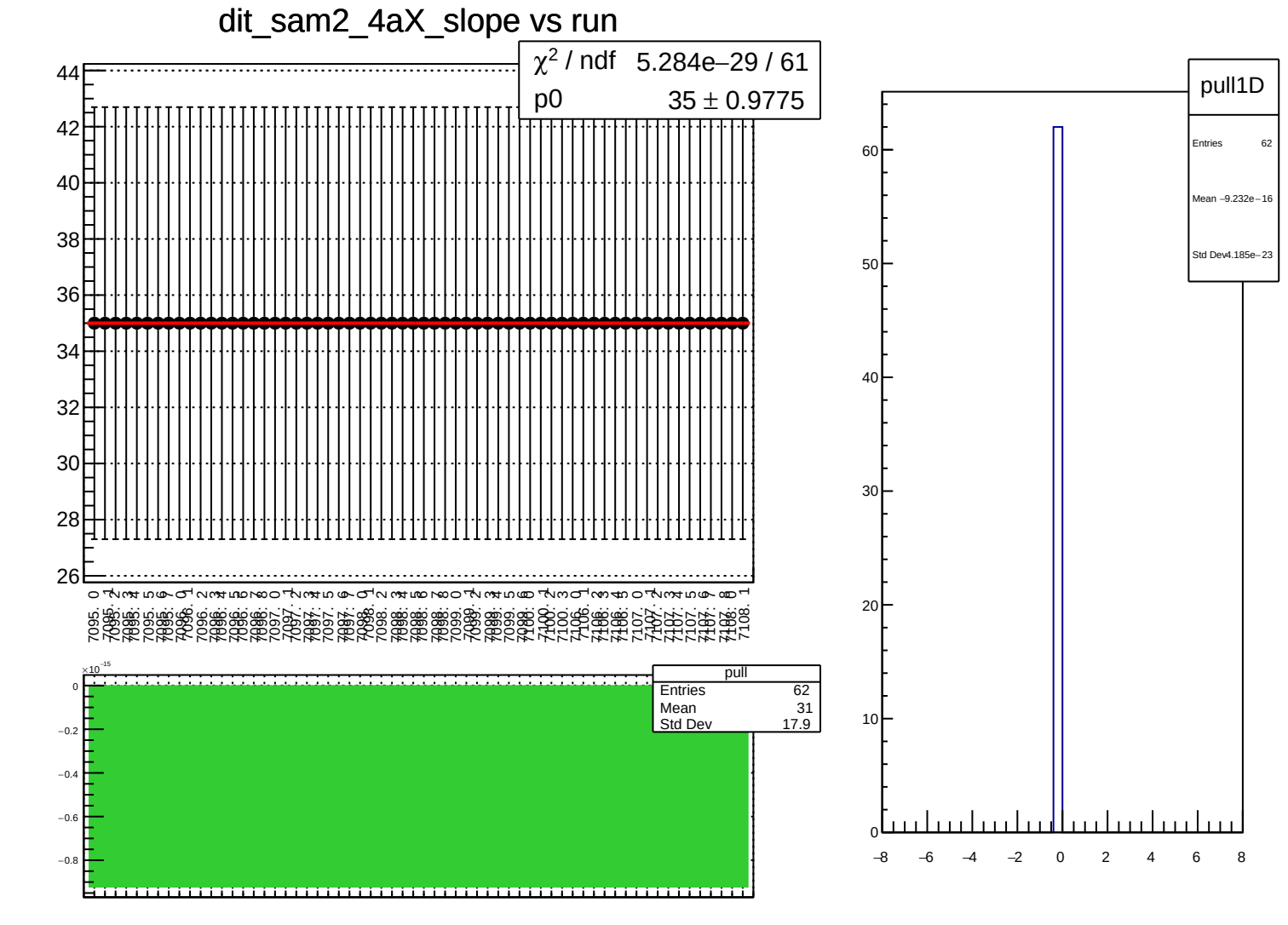

pull1D
Entries 62
Mean 9.986e−15
Std Dev3.668e−22
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

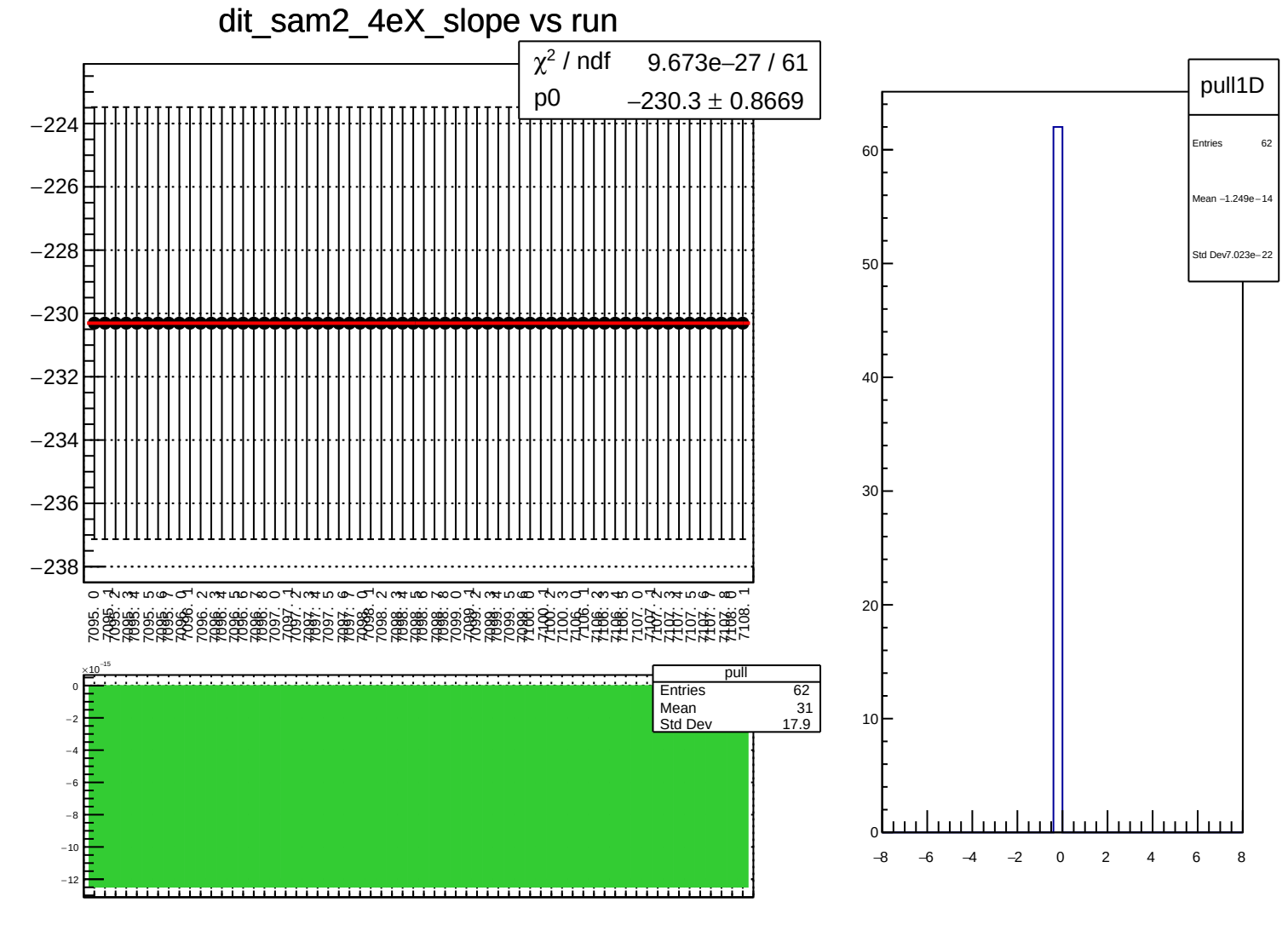

dit_sam1_4aY_slope vs run
χ² / ndf 1.478e−23 / 61
p0 −50.09 ± 0.01109
−50
−50.02
−50.04
−50.06
−50.08
−50.1
−50.12
−50.14
−50.16
−50.18
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹²
0
−0.1
−0.2
−0.3
−0.4
−0.5

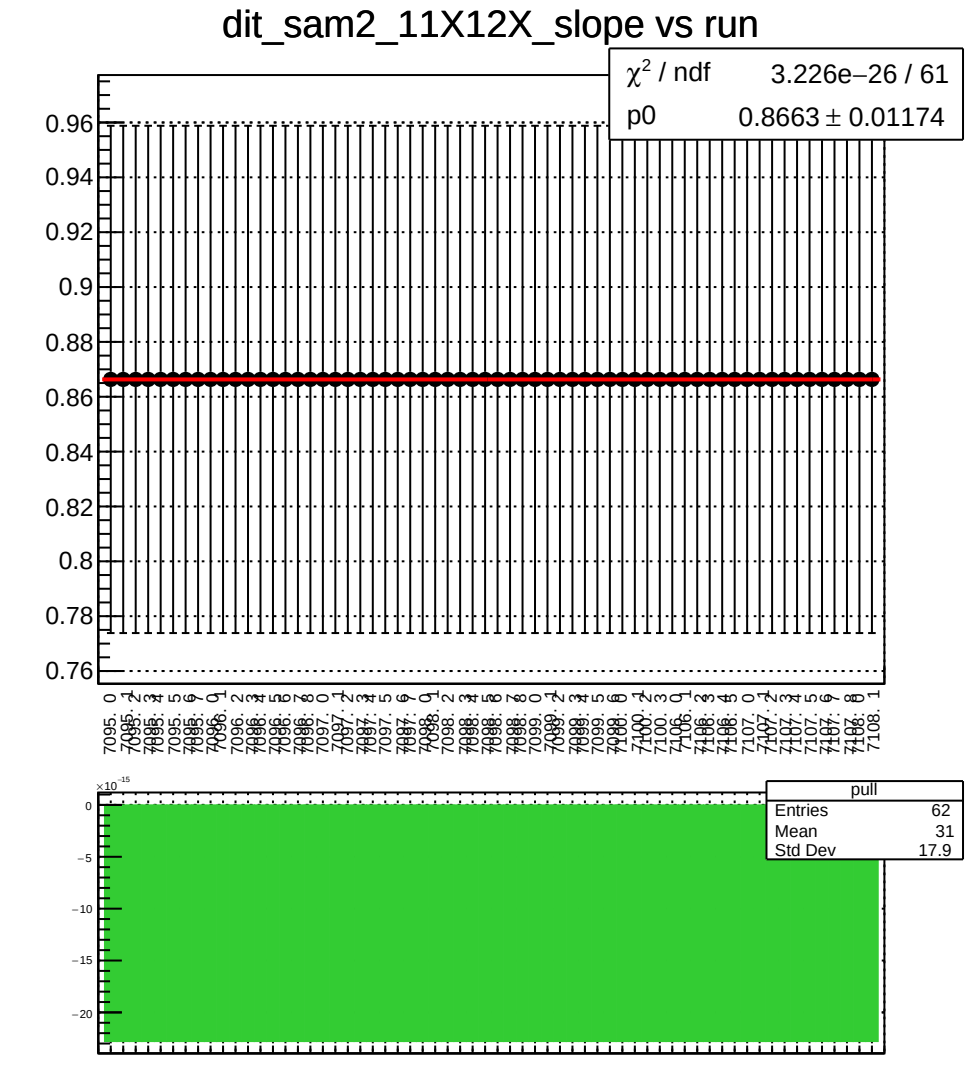

pull1D
Entries 62
Mean −4.883e−13
Std Dev1.917e−20
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

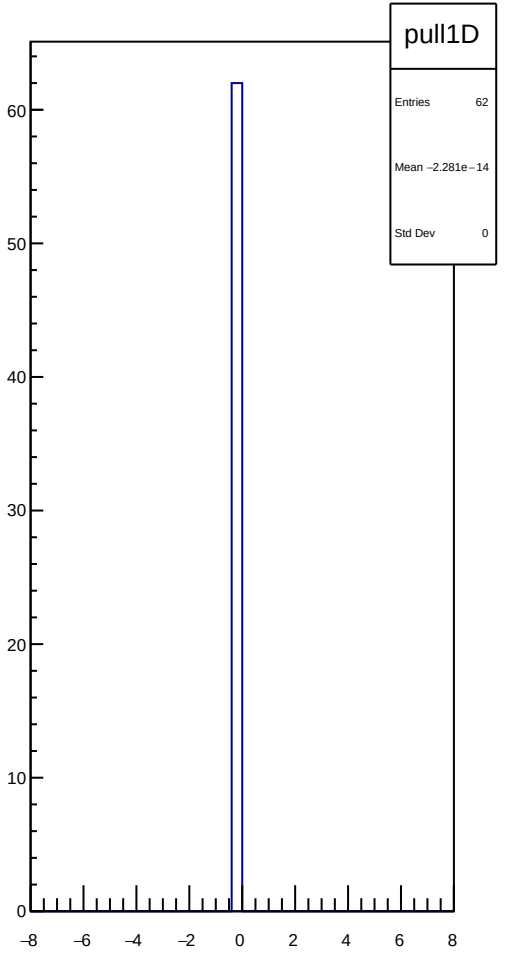

dit_sam1_4eY_slope vs run
χ² / ndf 5.322e−26 / 61
p0 8.045 ± 0.0462
pull
Entries 62
Mean 31
Std Dev 17.9

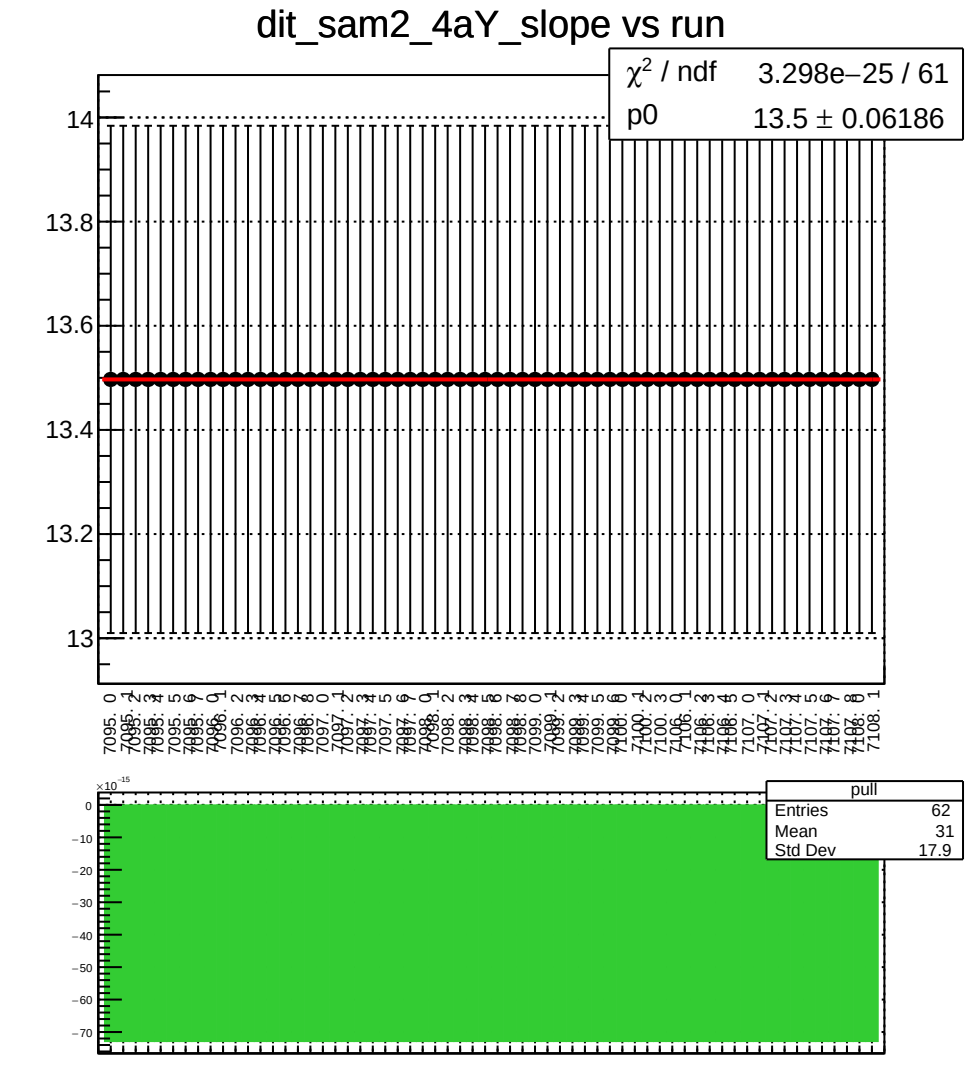

pull1D
Entries 62
Mean 2.93e−14
Std Dev 8.47e−22

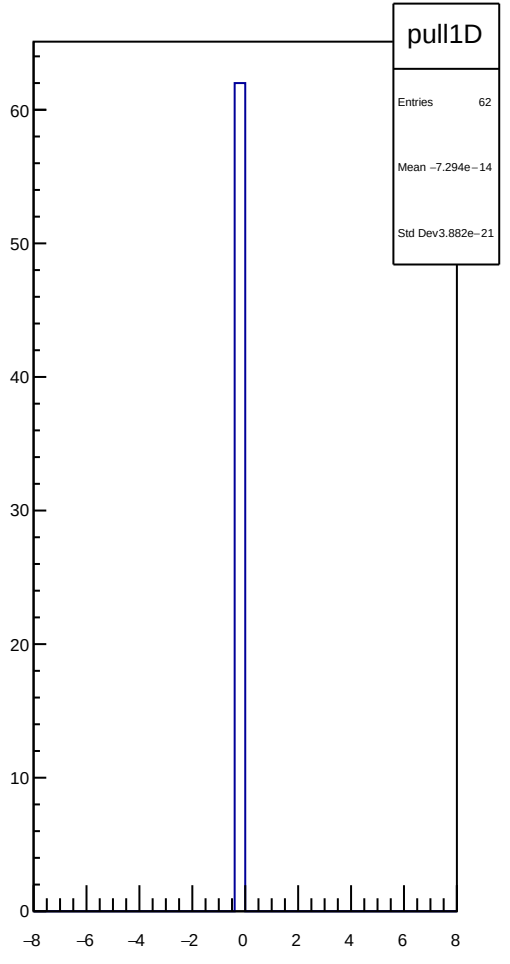

dit_sam2_4aX_slope vs run
χ² / ndf 5.284e−29 / 61
p0 35 ± 0.9775
pull
Entries 62
Mean 31
Std Dev 17.9
pull1D
Entries 62
Mean −9.232e−16
Std Dev4.185e−23

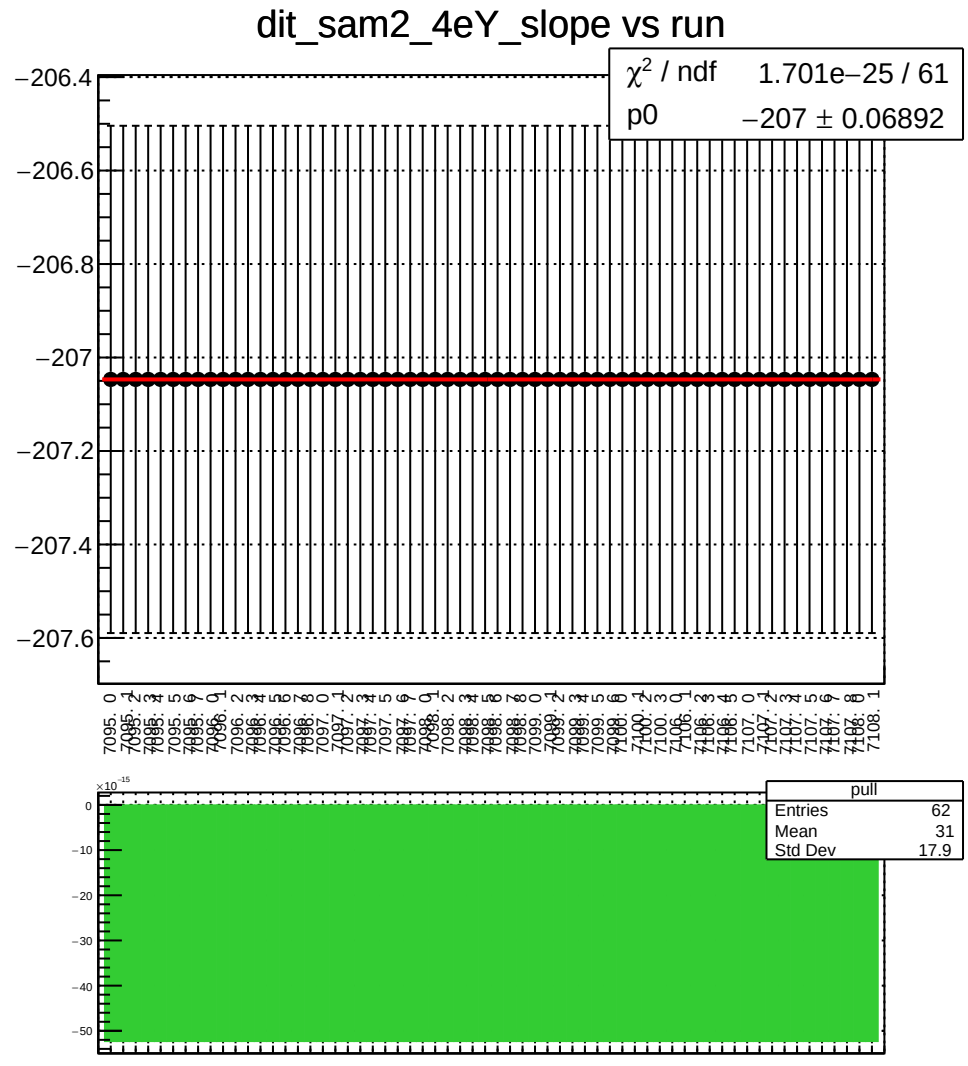

dit_sam2_4eX_slope vs run
χ² / ndf 9.673e−27 / 61
p0 −230.3 ± 0.8669
−224
−226
−228
−230
−232
−234
−236
−238
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
pull1D
Entries 62
Mean −1.249e−14
Std Dev7.023e−22
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

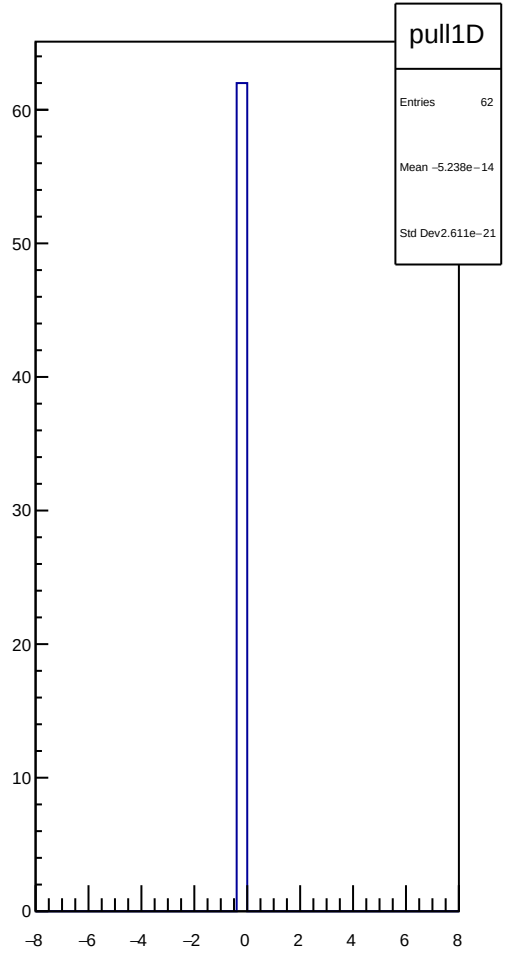

dit_sam2_11X12X_slope vs run
χ² / ndf 3.226e−26 / 61
p0 0.8663 ± 0.01174
0.96
0.94
0.92
0.9
0.88
0.86
0.84
0.82
0.8
0.78
0.76
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
0
−5
−10
−15
−20

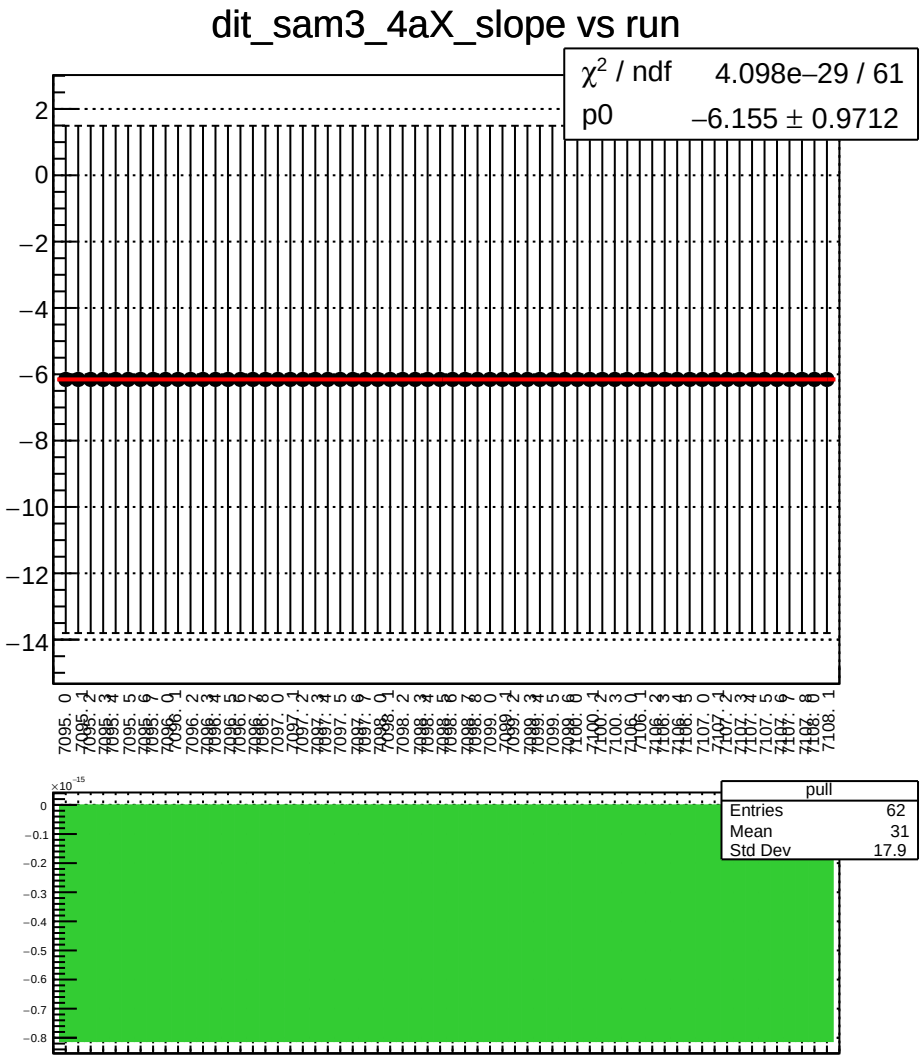

pull1D
Entries 62
Mean −2.281e−14
Std Dev 0
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

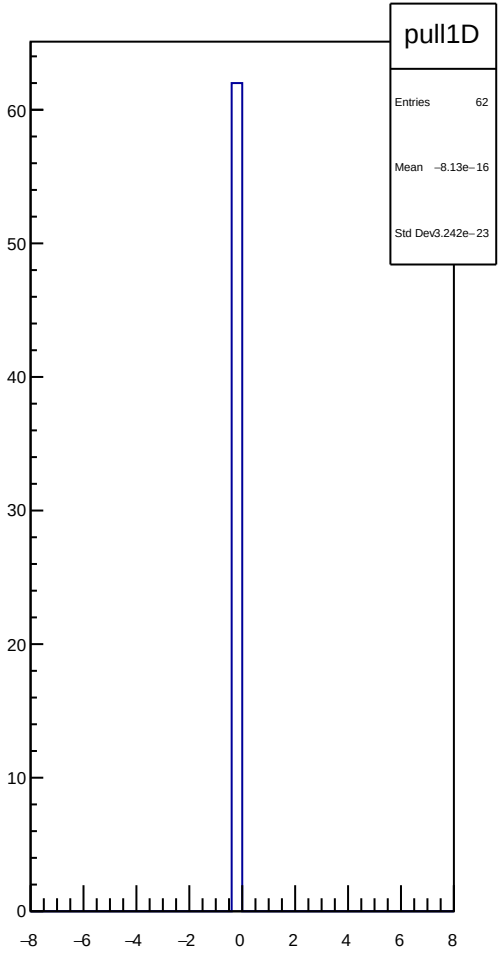

dit_sam2_4aY_slope vs run
χ² / ndf 3.298e−25 / 61
p0 13.5 ± 0.06186
14
13.8
13.6
13.4
13.2
13
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
0
−10
−20
−30
−40
−50
−60
−70

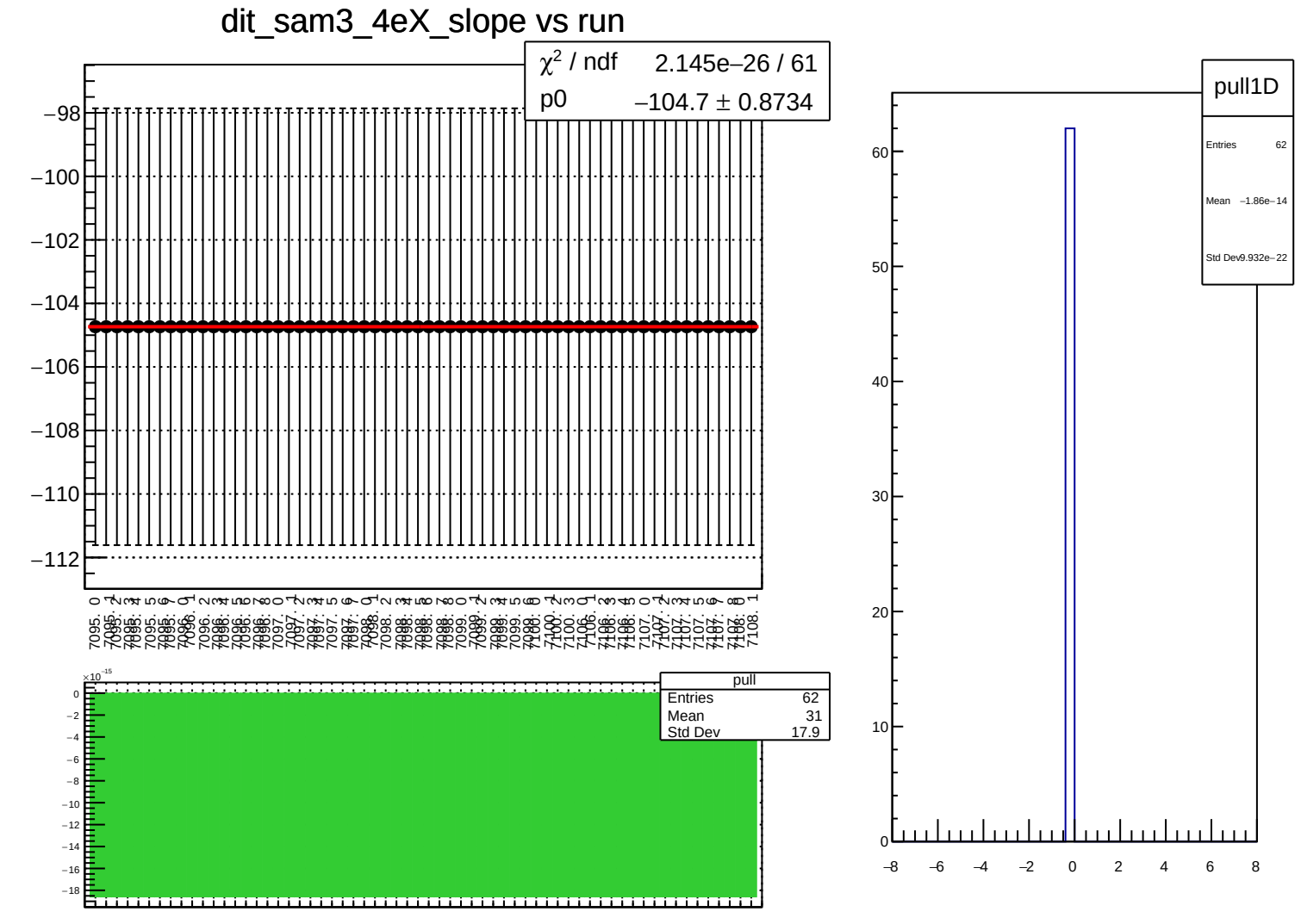

pull1D
Entries 62
Mean −7.294e−14
Std Dev3.882e−21
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

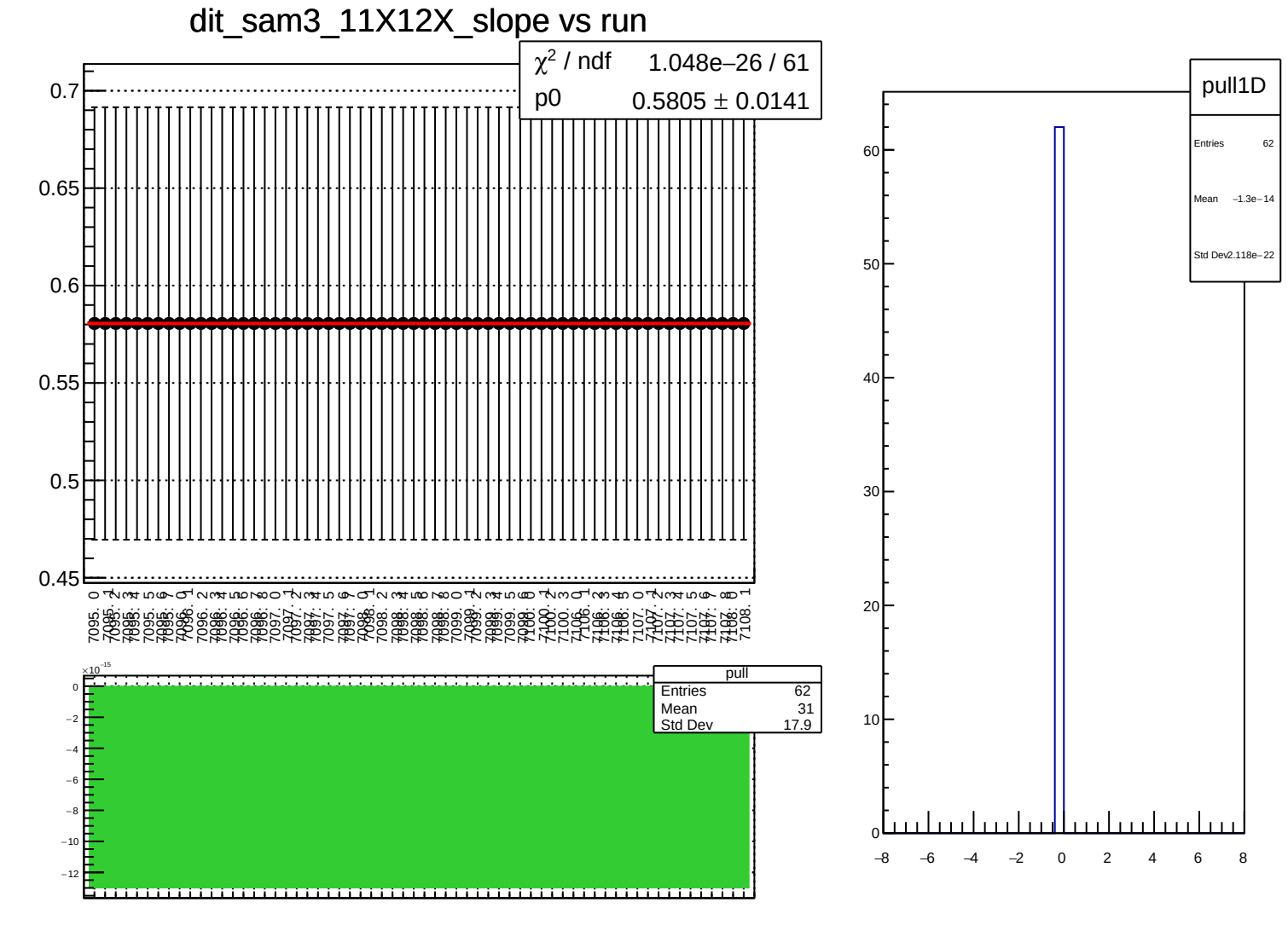

dit_sam2_4eY_slope vs run
χ² / ndf 1.701e−25 / 61
p0 −207 ± 0.06892
−206.4
−206.6
−206.8
−207
−207.2
−207.4
−207.6
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
0
−10
−20
−30
−40
−50

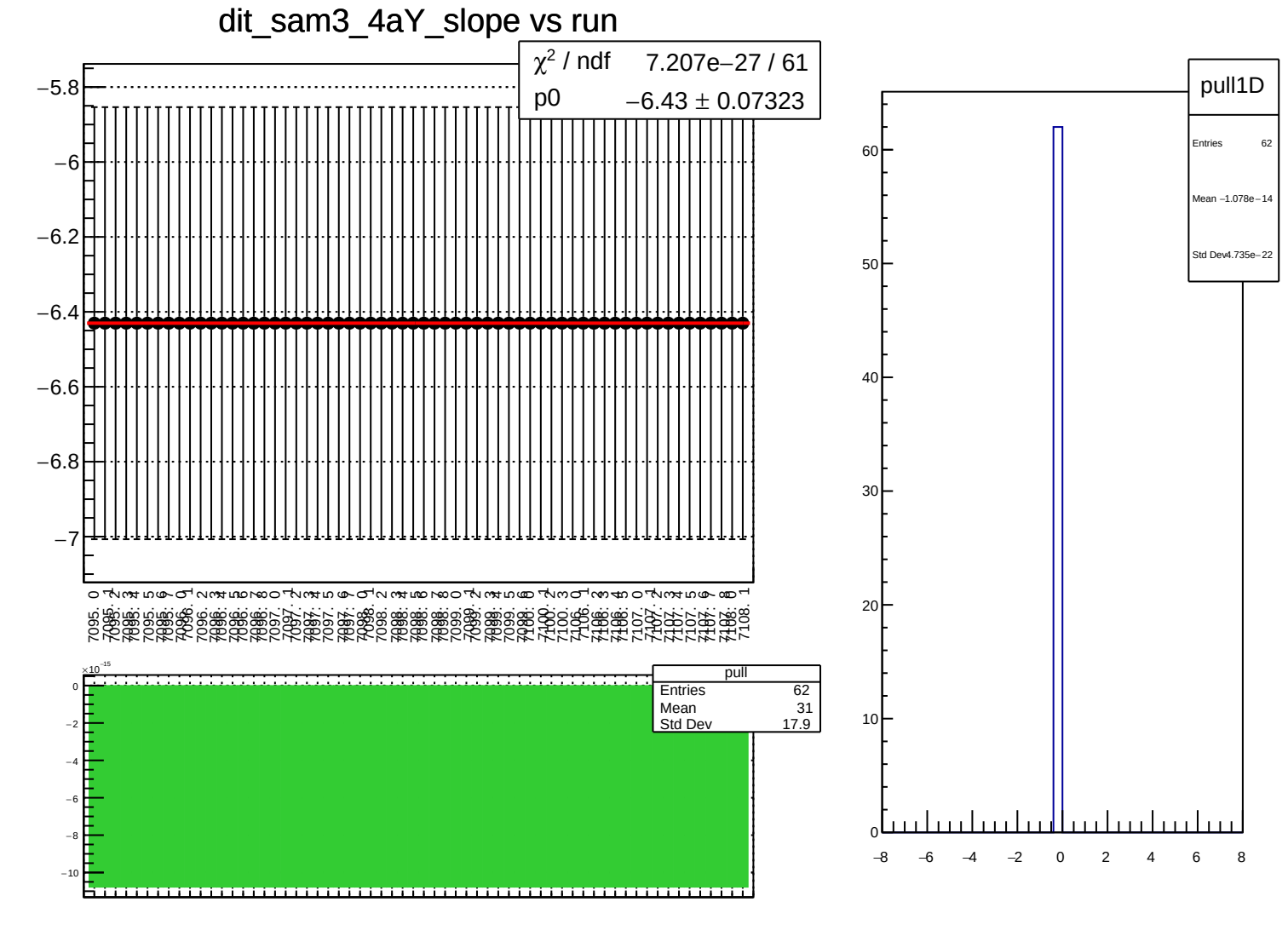

pull1D
Entries 62
Mean −5.238e−14
Std Dev2.611e−21
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

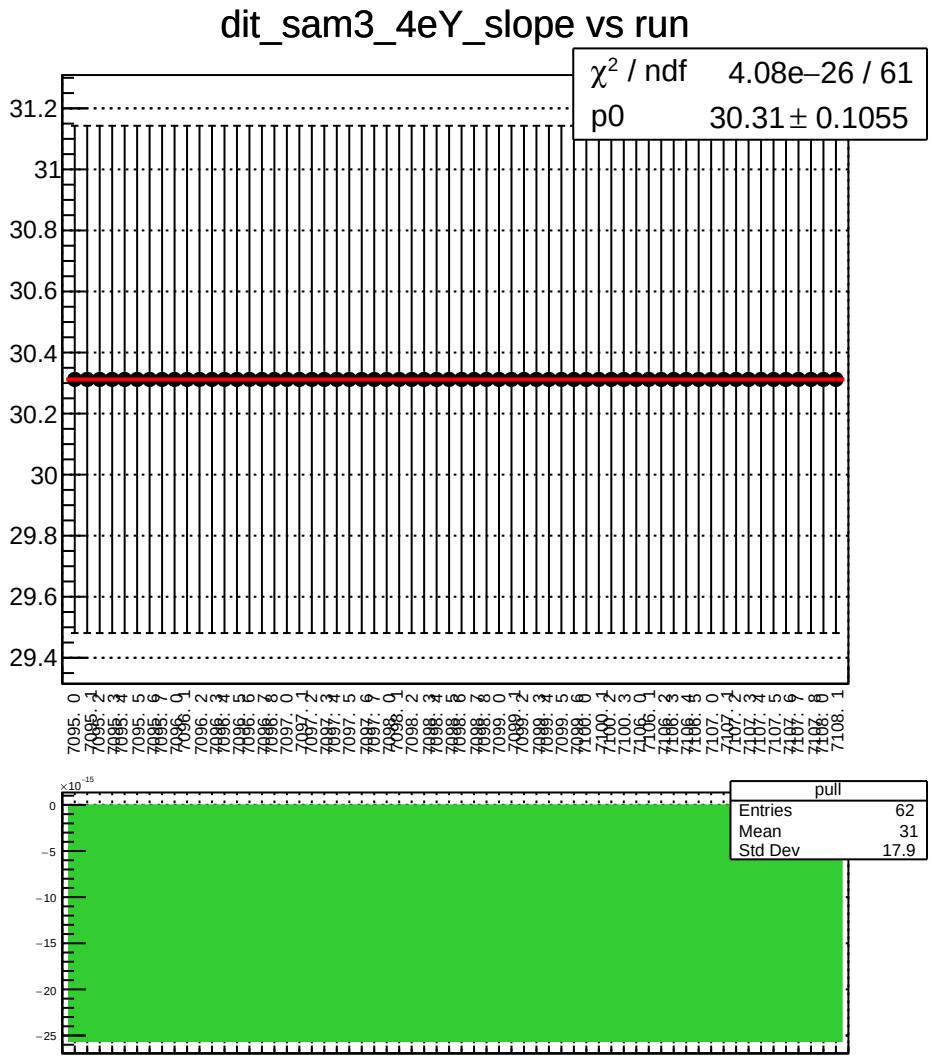

dit_sam3_4aX_slope vs run
χ² / ndf 4.098e−29 / 61
p0 −6.155 ± 0.9712
pull
Entries 62
Mean 31
Std Dev 17.9

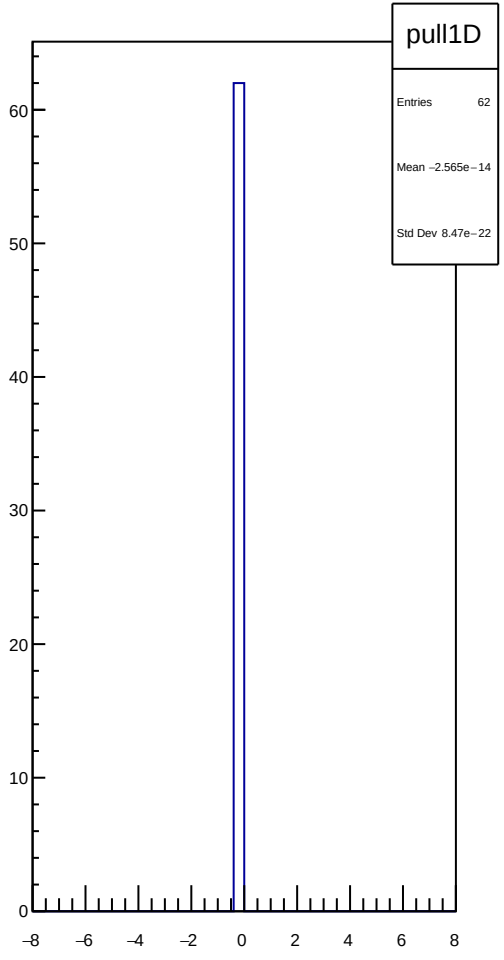

pull1D
Entries 62
Mean −8.13e−16
Std Dev 3.242e−23

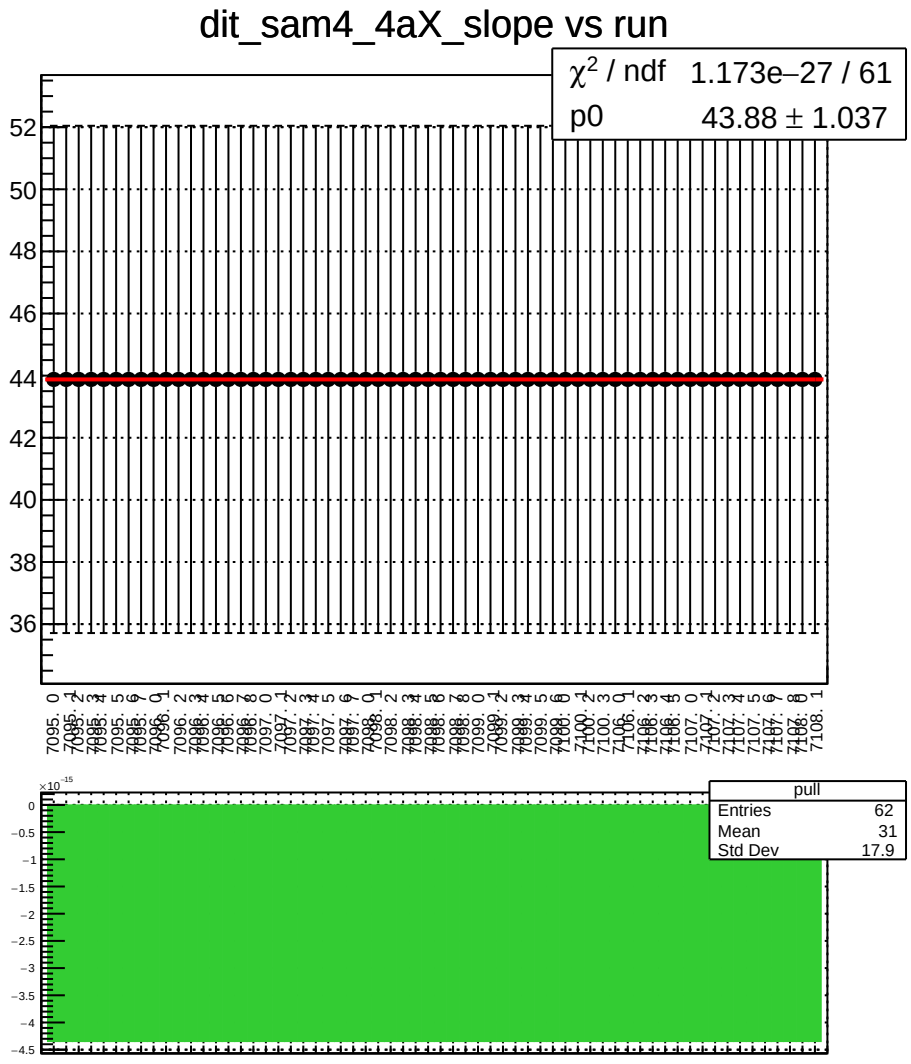

dit_sam3_4eX_slope vs run
χ² / ndf 2.145e−26 / 61
p0 −104.7 ± 0.8734
−98
−100
−102
−104
−106
−108
−110
−112
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
−14
−16
−18
pull1D
Entries 62
Mean −1.86e−14
Std Dev 9.932e−22
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

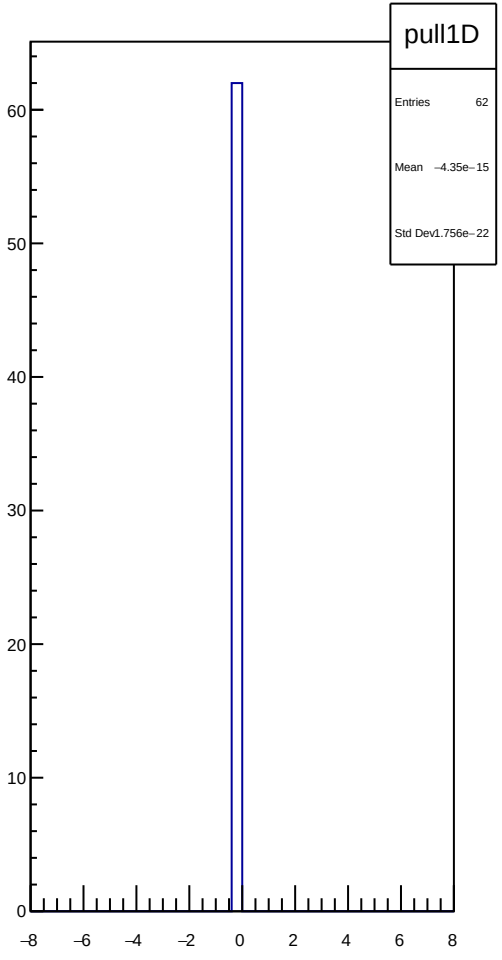

dit_sam3_11X12X_slope vs run
χ² / ndf 1.048e−26 / 61
p0 0.5805 ± 0.0141
0.7
0.65
0.6
0.55
0.5
0.45
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
pull1D
Entries 62
Mean −1.3e−14
Std Dev 2.118e−22
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

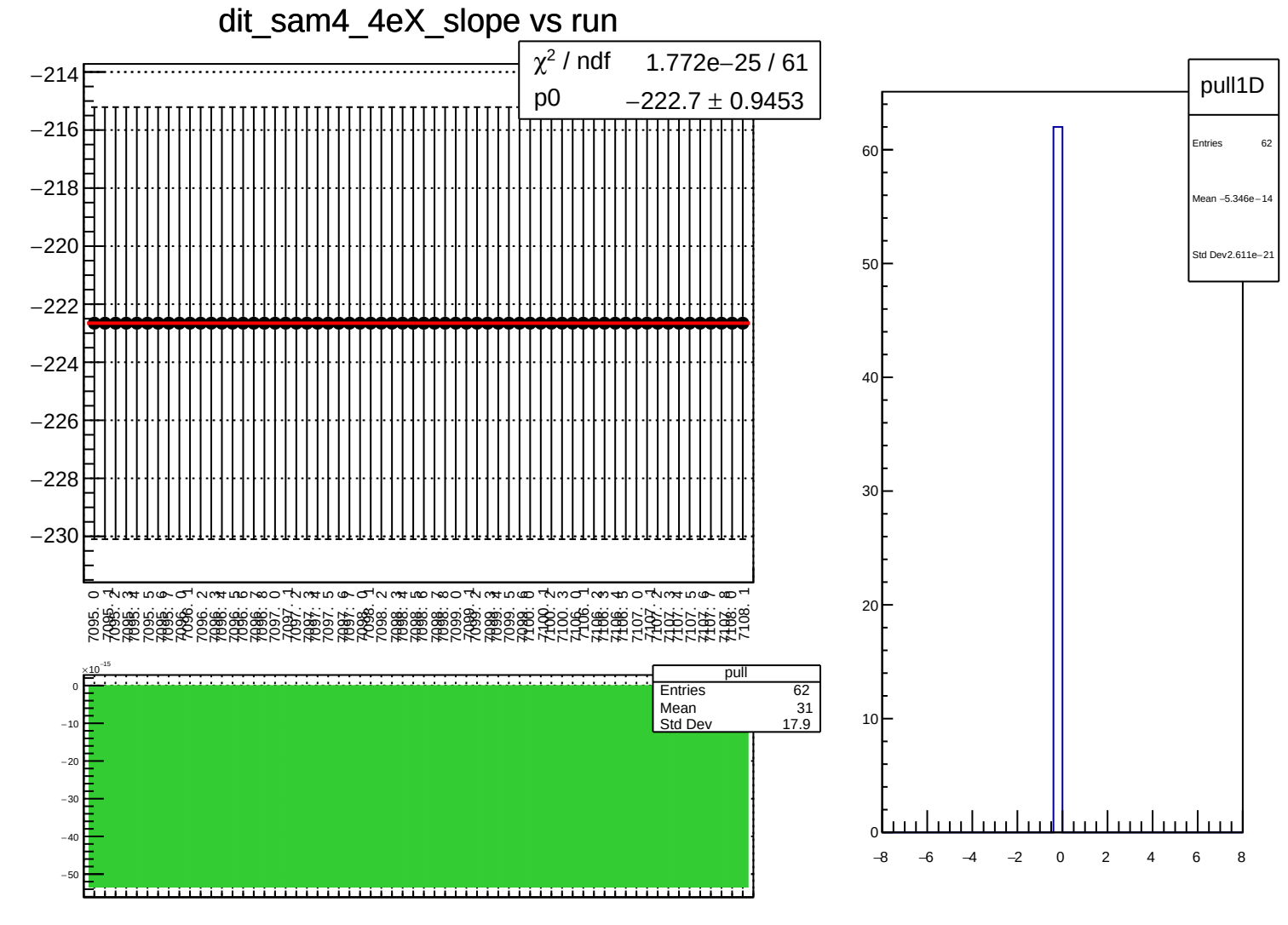

dit_sam3_4aY_slope vs run
χ² / ndf 7.207e−27 / 61
p0 −6.43 ± 0.07323
−5.8
−6
−6.2
−6.4
−6.6
−6.8
−7
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
pull1D
Entries 62
Mean −1.078e−14
Std Dev4.735e−22

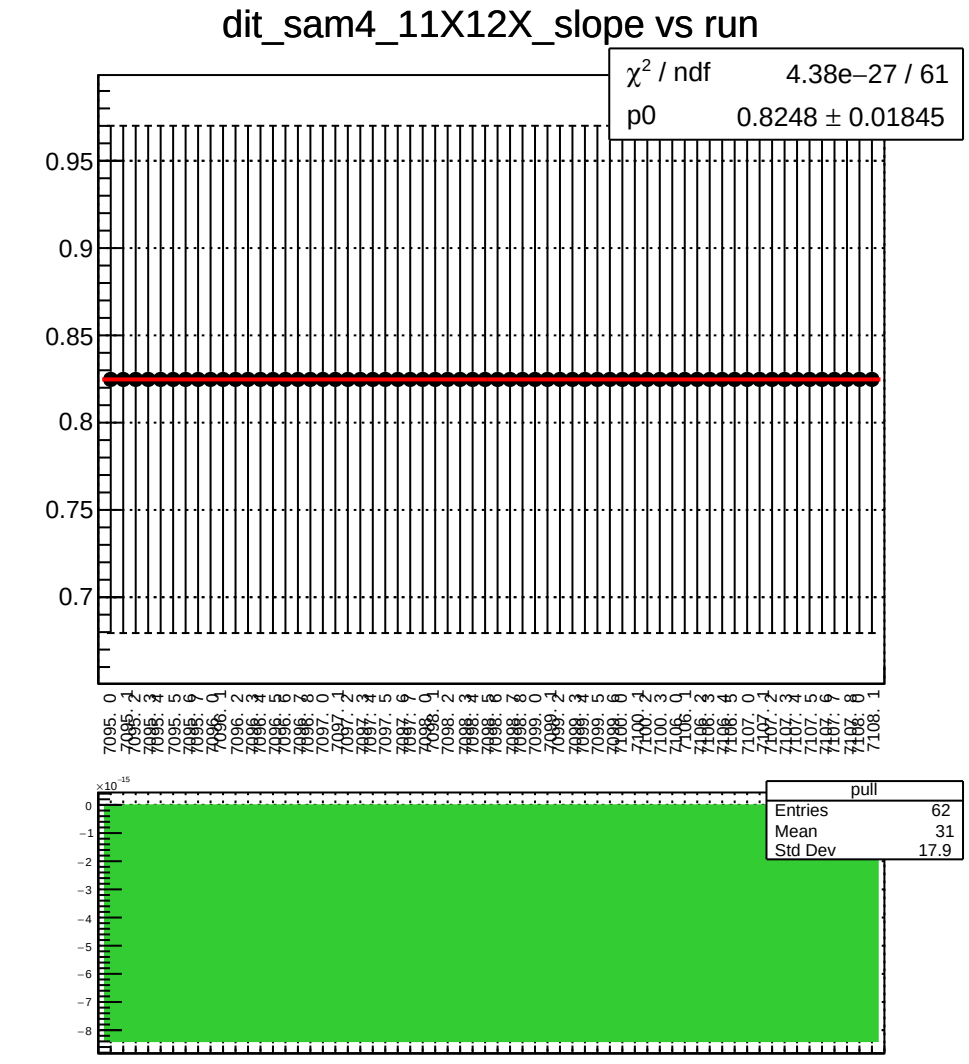

dit_sam3_4eY_slope vs run
χ² / ndf 4.08e−26 / 61
p0 30.31 ± 0.1055
31.2
31
30.8
30.6
30.4
30.2
30
29.8
29.6
29.4
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
0
−5
−10
−15
−20
−25

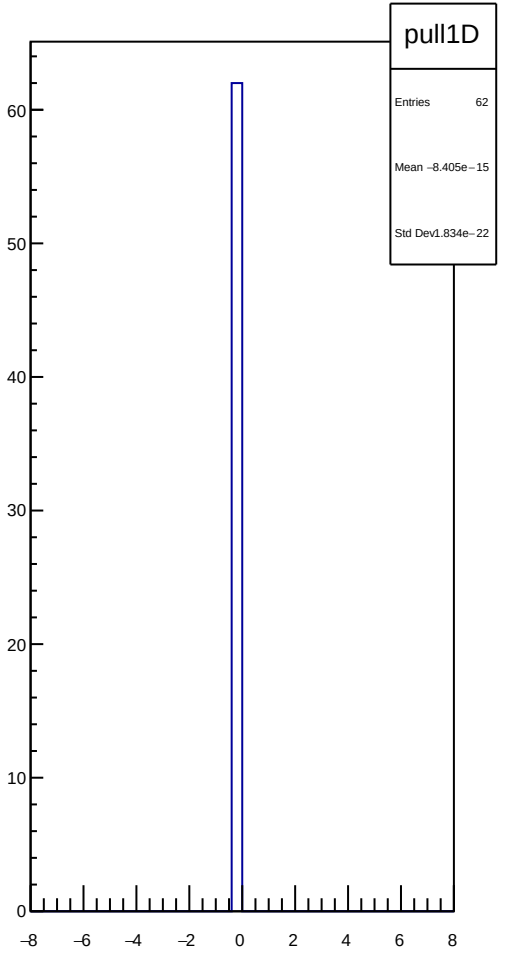

pull1D
Entries 62
Mean −2.565e−14
Std Dev 8.47e−22
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

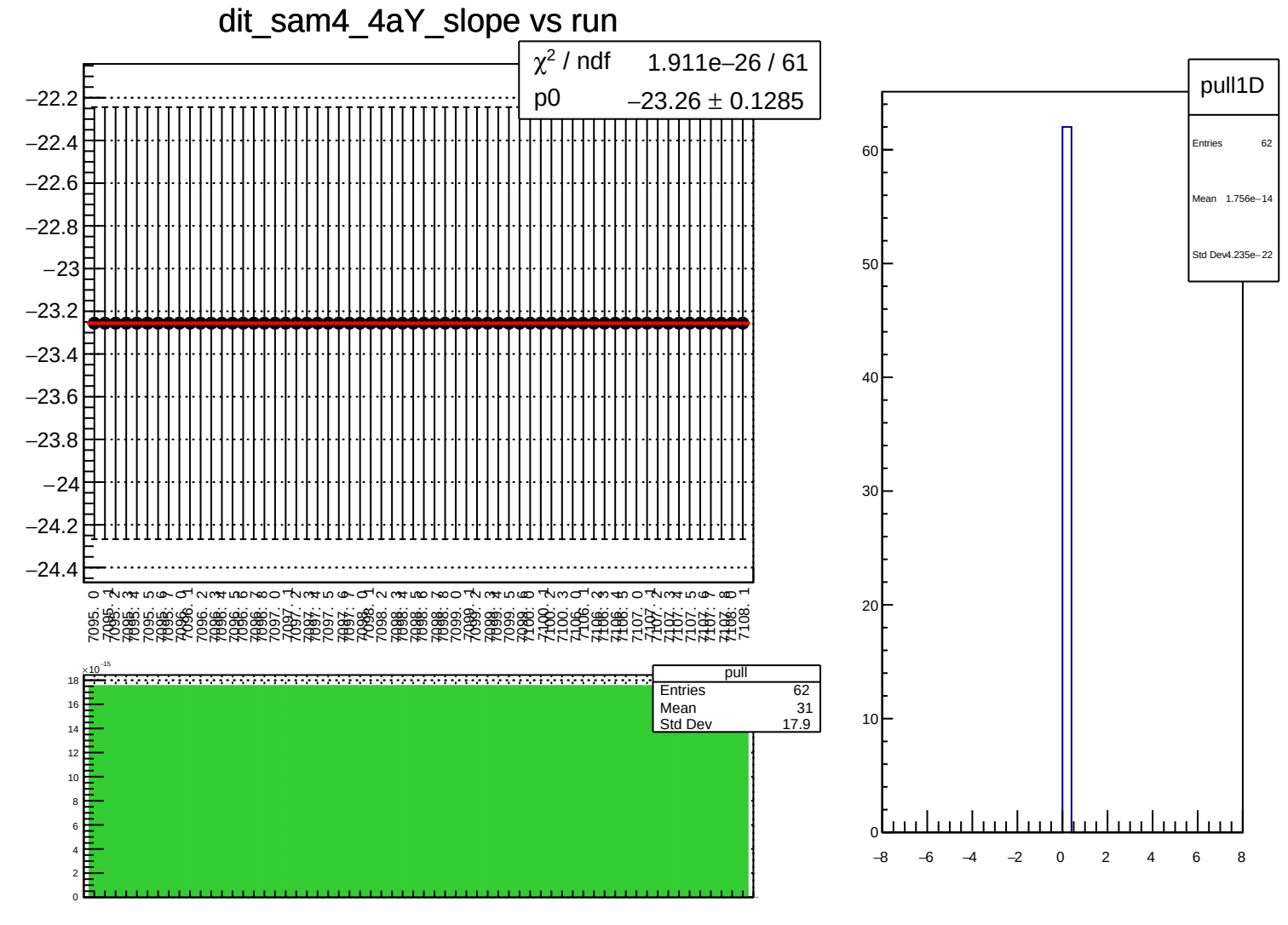

dit_sam4_4aX_slope vs run
χ^2 / ndf 1.173e−27 / 61
p0 43.88 ± 1.037
pull
Entries 62
Mean 31
Std Dev 17.9

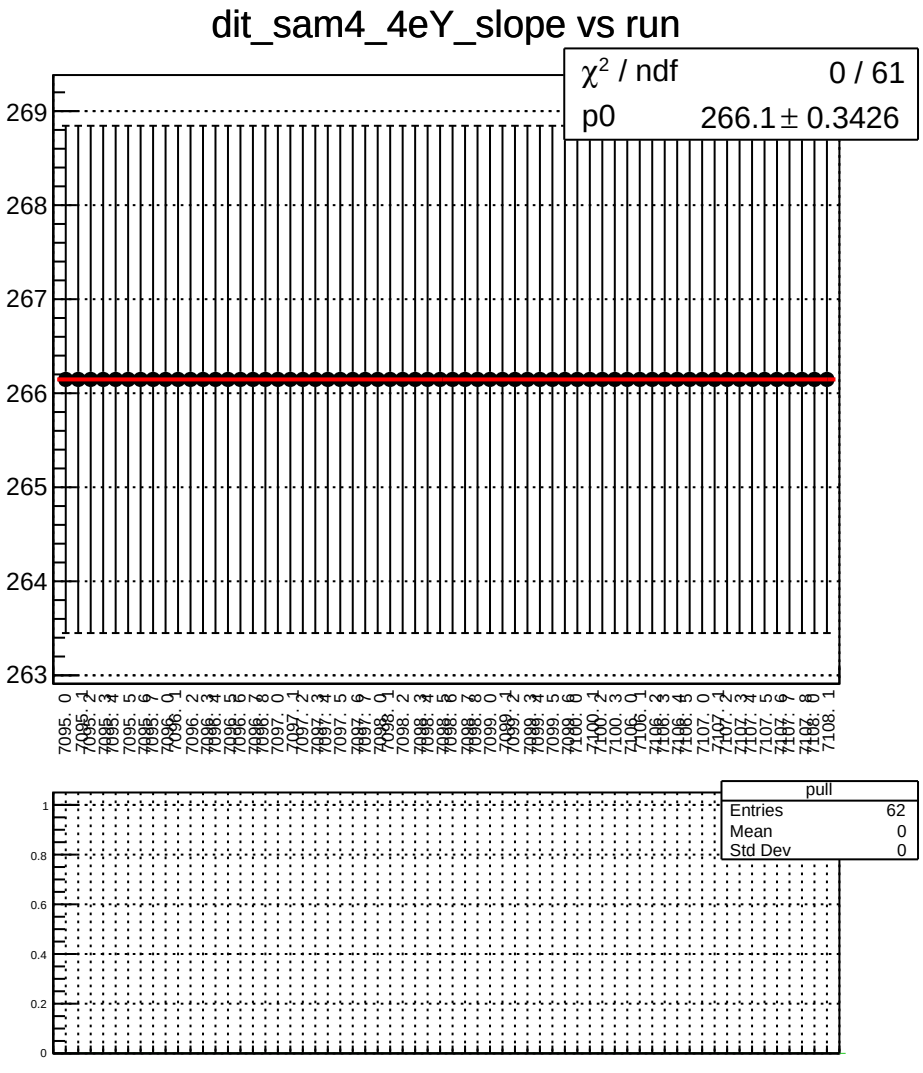

pull1D
Entries 62
Mean −4.35e−15
Std Dev1.756e−22

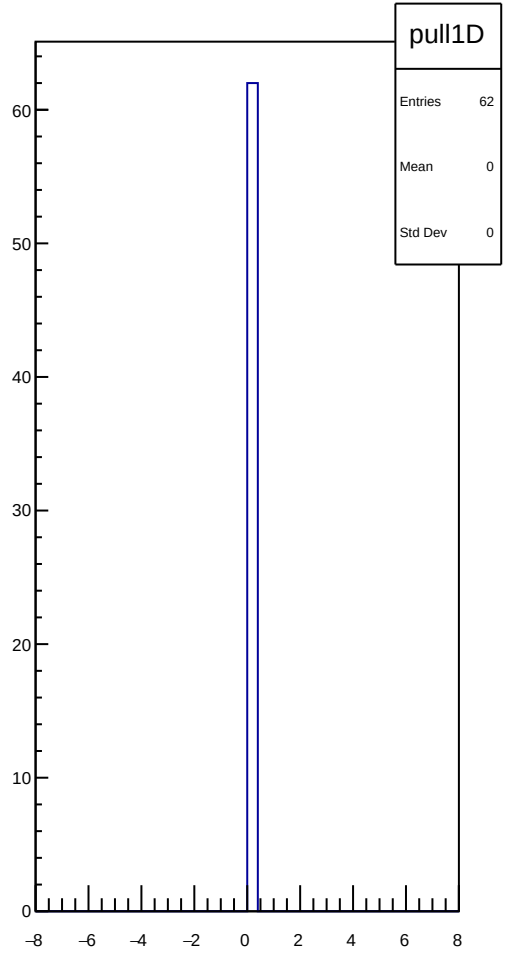

dit_sam4_4eX_slope vs run
χ² / ndf 1.772e−25 / 61
p0 −222.7 ± 0.9453
−214
−216
−218
−220
−222
−224
−226
−228
−230
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
0
−10
−20
−30
−40
−50
pull1D
Entries 62
Mean −5.346e−14
Std Dev2.611e−21
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

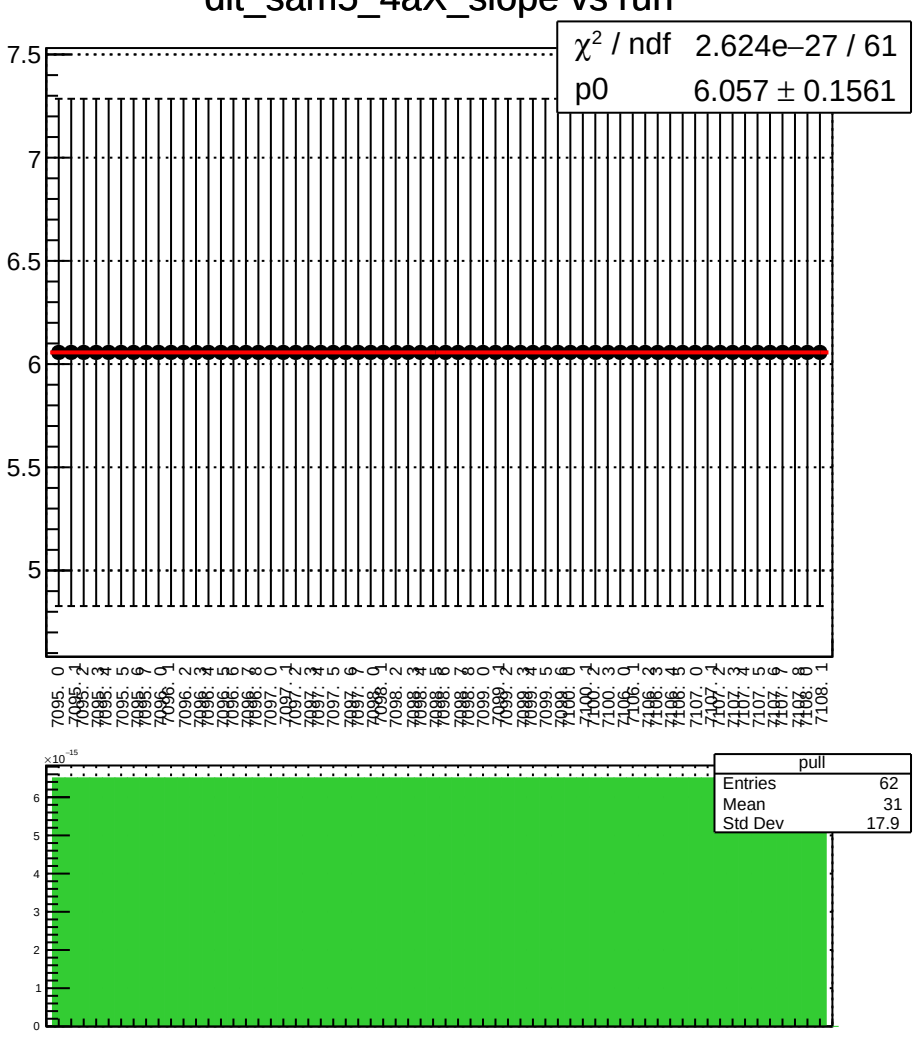

dit_sam4_11X12X_slope vs run
χ² / ndf 4.38e−27 / 61
p0 0.8248 ± 0.01845
0.95
0.9
0.85
0.8
0.75
0.7
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
0
−1
−2
−3
−4
−5
−6
−7
−8

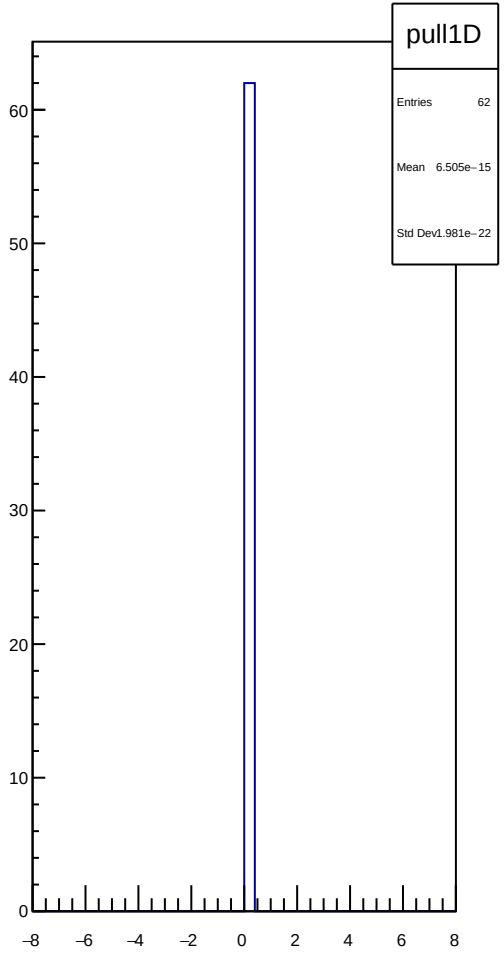

pull1D
Entries 62
Mean −8.405e−15
Std Dev1.834e−22
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

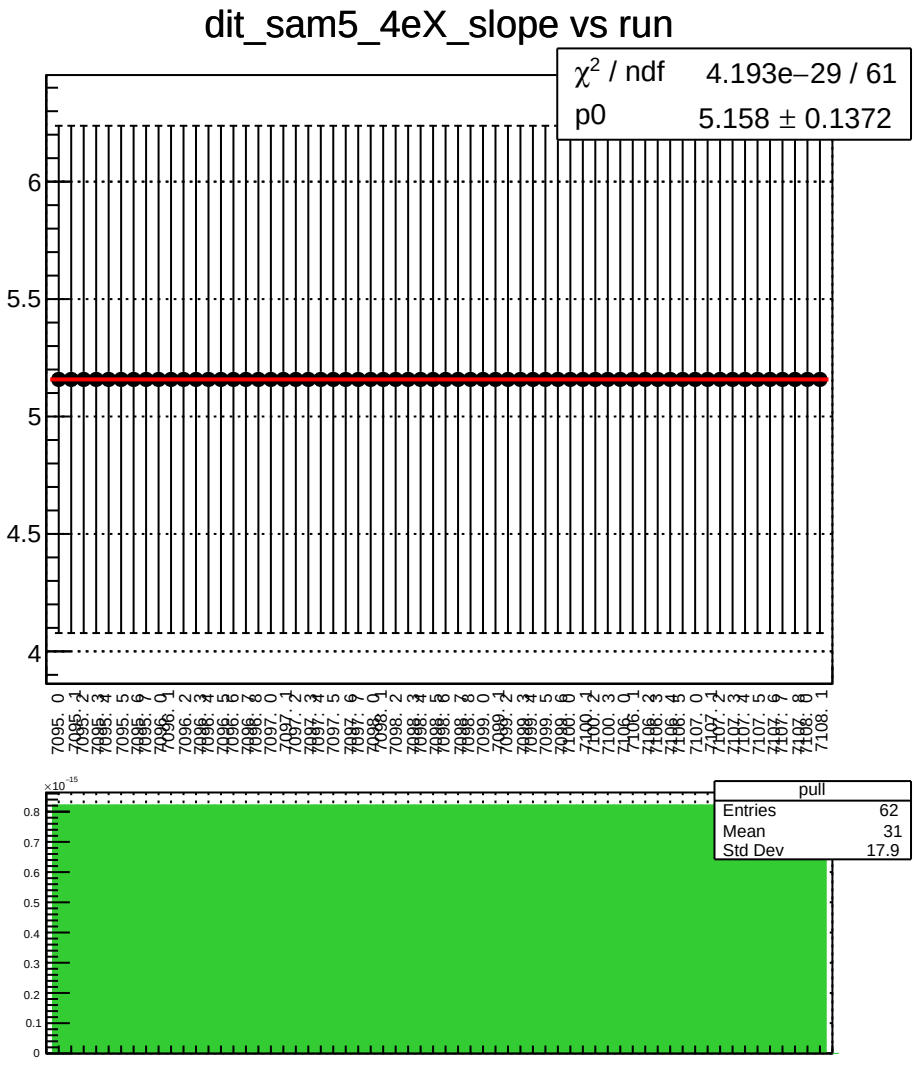

dit_sam4_4aY_slope vs run
χ² / ndf 1.911e−26 / 61
p0 −23.26 ± 0.1285
−22.2
−22.4
−22.6
−22.8
−23
−23.2
−23.4
−23.6
−23.8
−24
−24.2
−24.4
pull
Entries 62
Mean 31
Std Dev 17.9
pull1D
Entries 62
Mean 1.756e−14
Std Dev4.235e−22
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

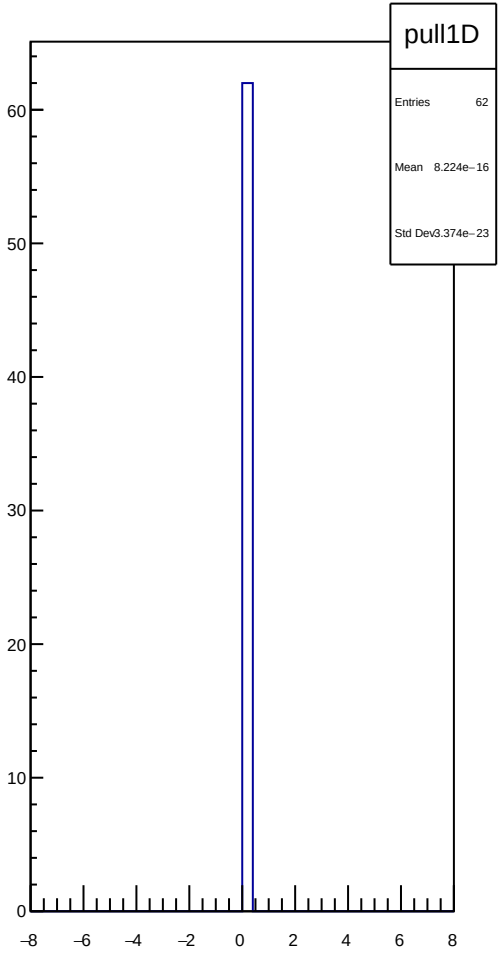

dit_sam4_4eY_slope vs run
χ² / ndf 0 / 61
p0 266.1 ± 0.3426
pull
Entries 62
Mean 0
Std Dev 0

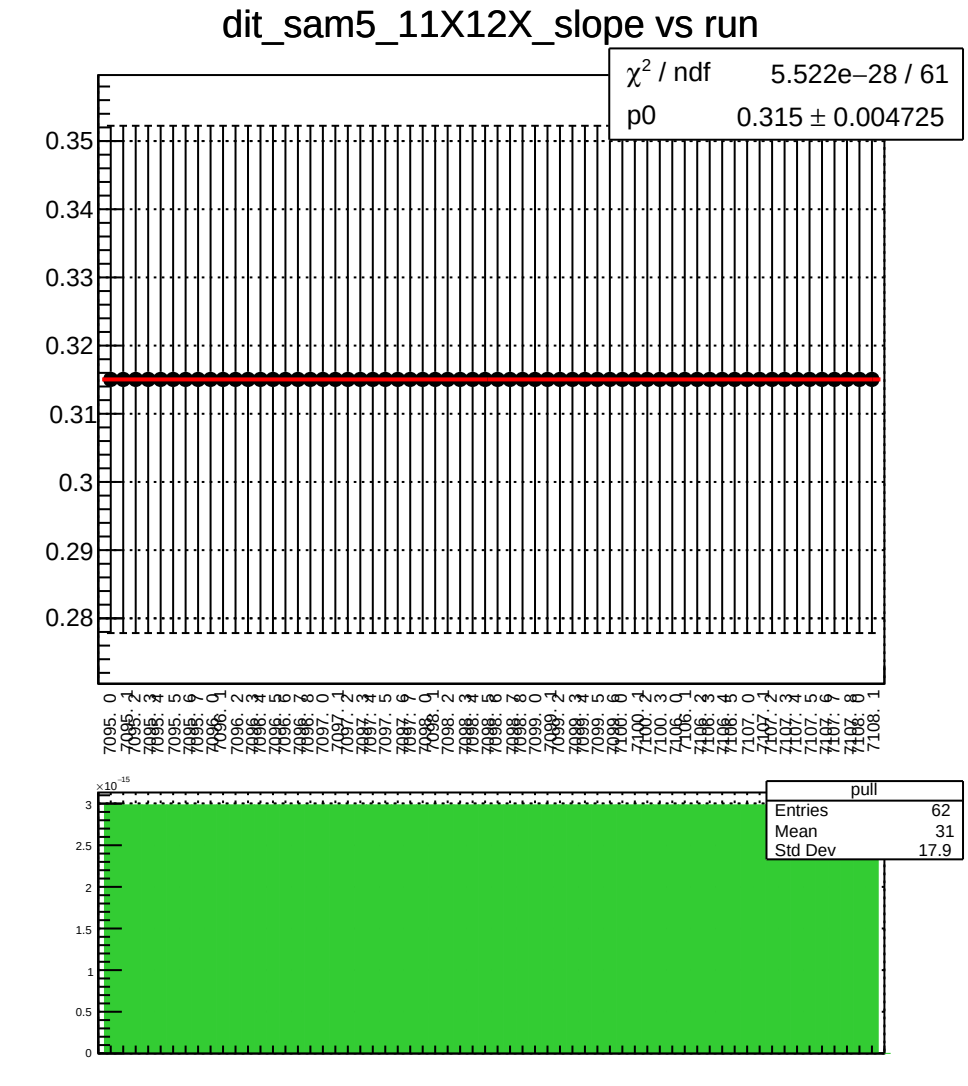

pull1D
Entries 62
Mean 0
Std Dev 0

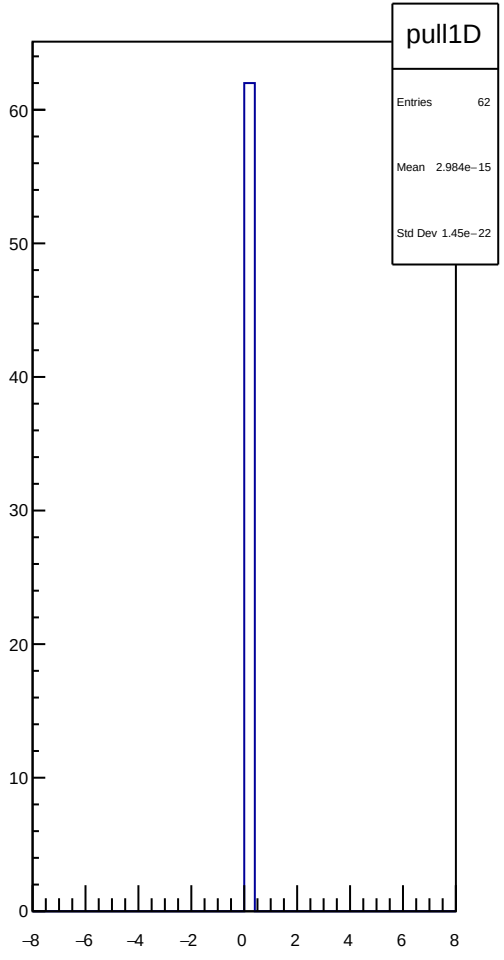

dit_sam5_4aX_slope vs run
χ² / ndf 2.624e−27 / 61
p0 6.057 ± 0.1561
pull
Entries 62
Mean 31
Std Dev 17.9

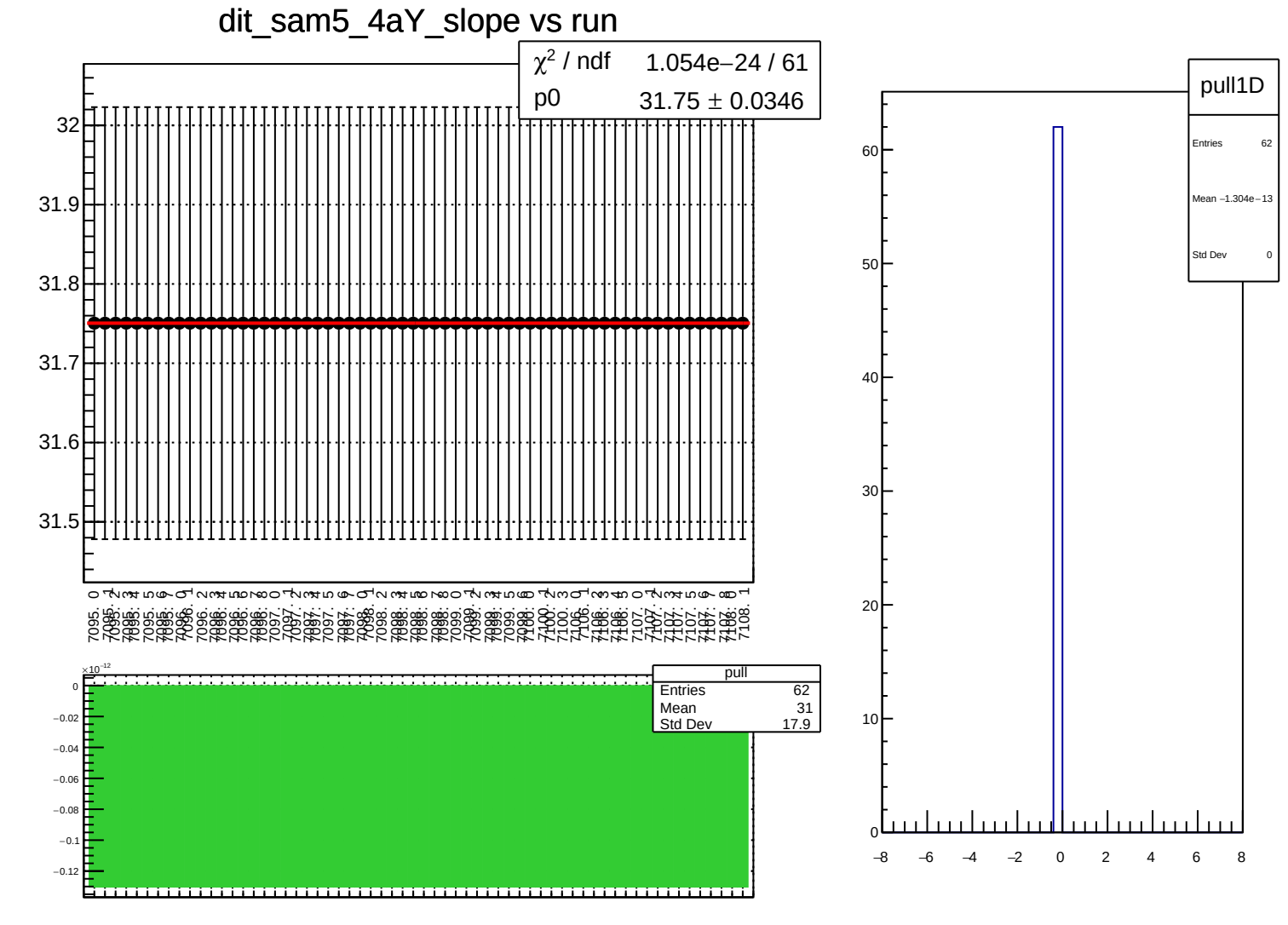

pull1D
Entries 62
Mean 6.505e−15
Std Dev1.981e−22

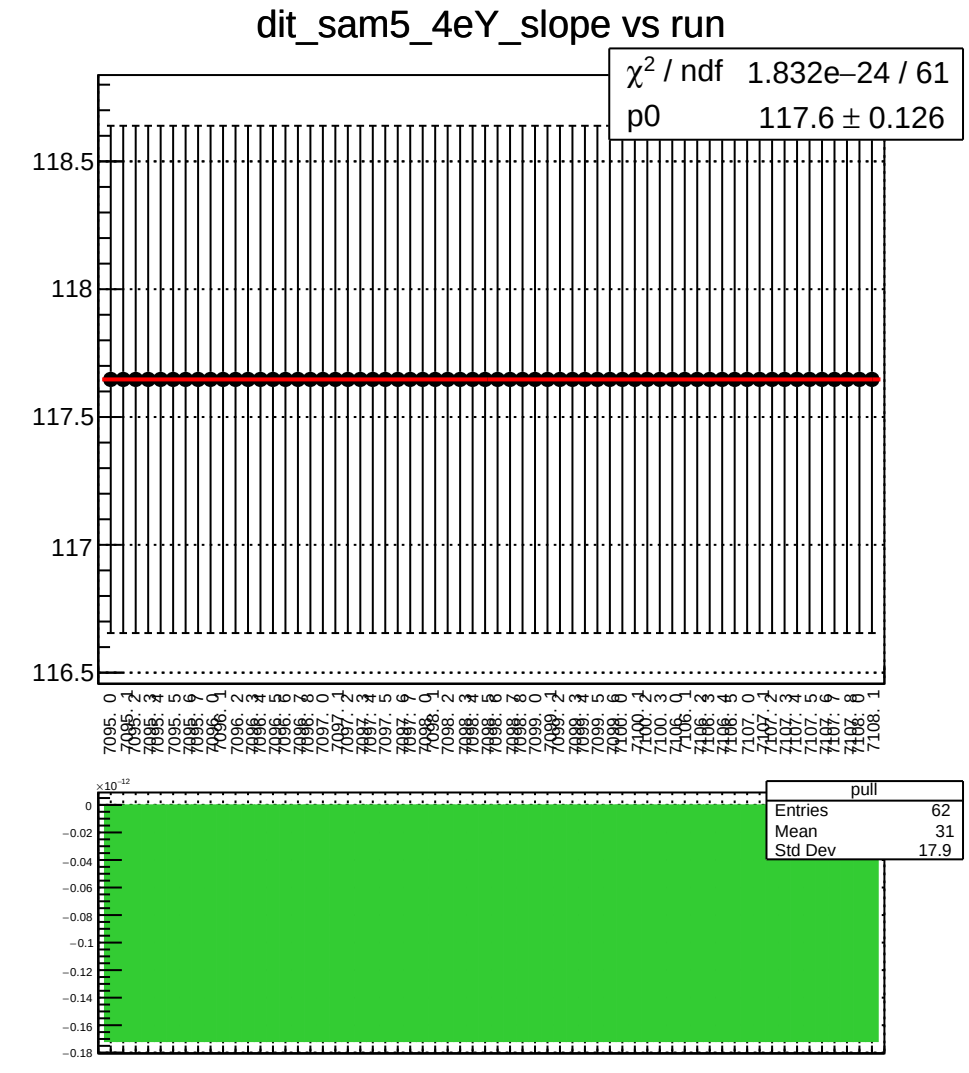

dit_sam5_4eX_slope vs run
χ² / ndf 4.193e−29 / 61
p0 5.158 ± 0.1372
pull
Entries 62
Mean 31
Std Dev 17.9

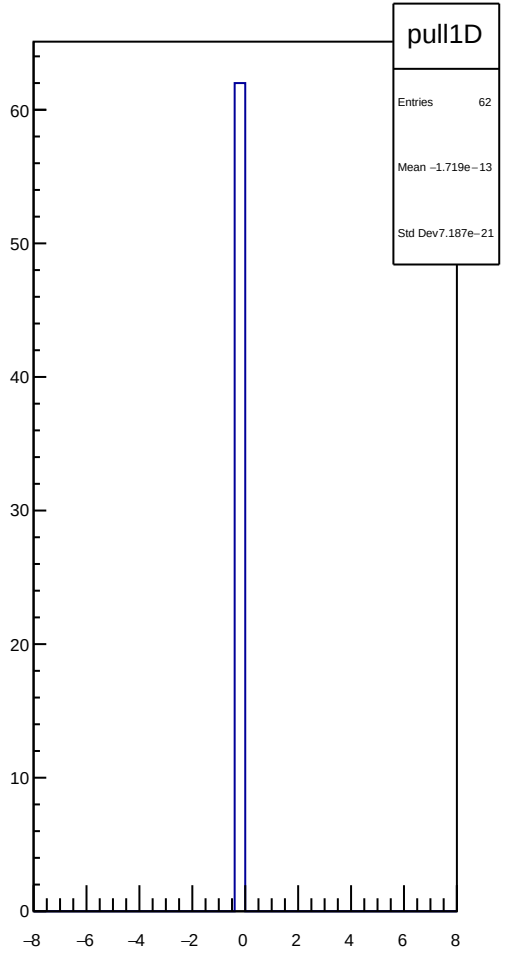

pull1D
Entries 62
Mean 8.224e−16
Std Dev 3.374e−23

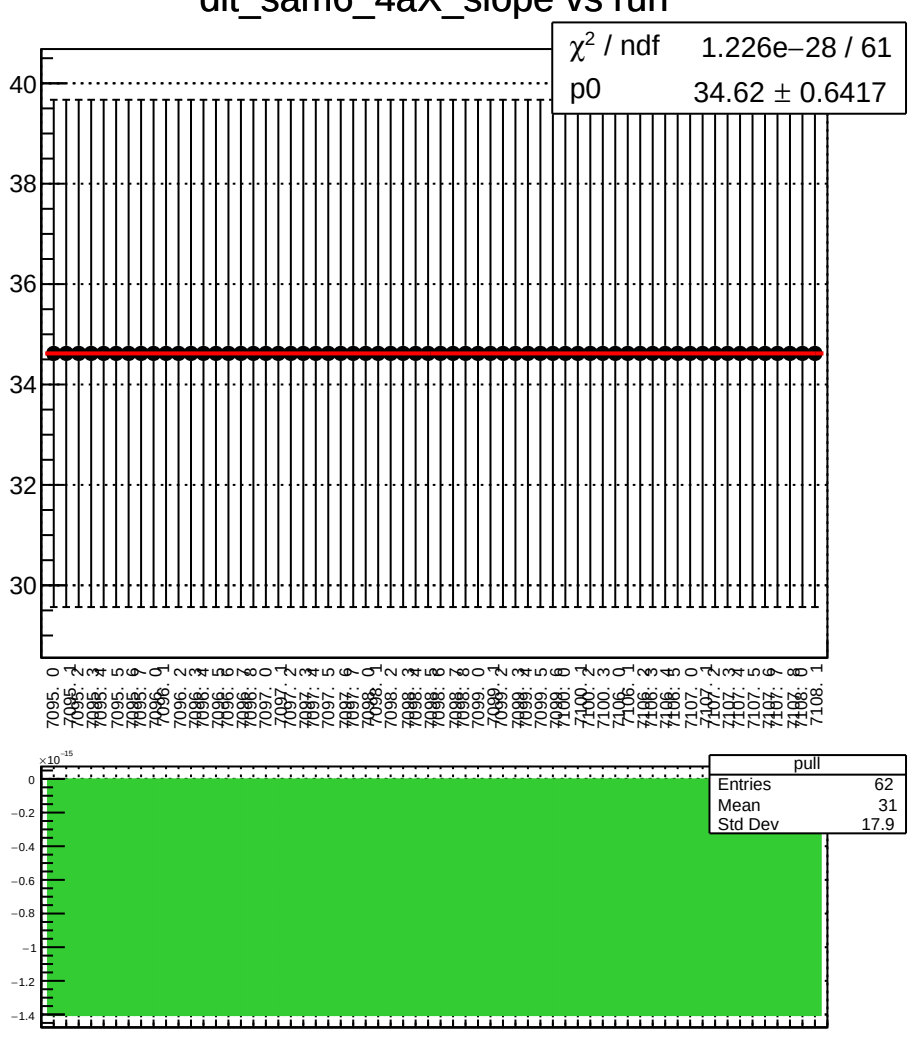

dit_sam5_11X12X_slope vs run
χ² / ndf 5.522e−28 / 61
p0 0.315 ± 0.004725
0.35
0.34
0.33
0.32
0.31
0.3
0.29
0.28
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
3
2.5
2
1.5
1
0.5
0

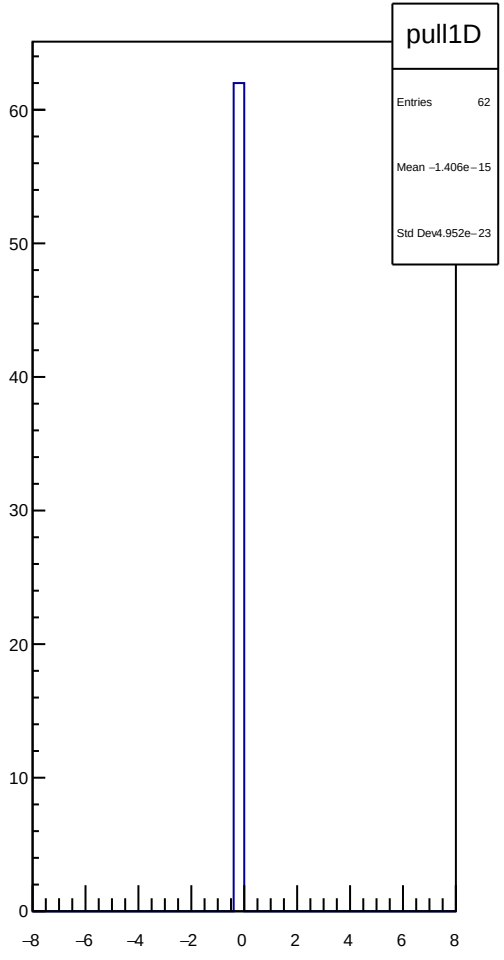

pull1D
Entries 62
Mean 2.984e−15
Std Dev 1.45e−22
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

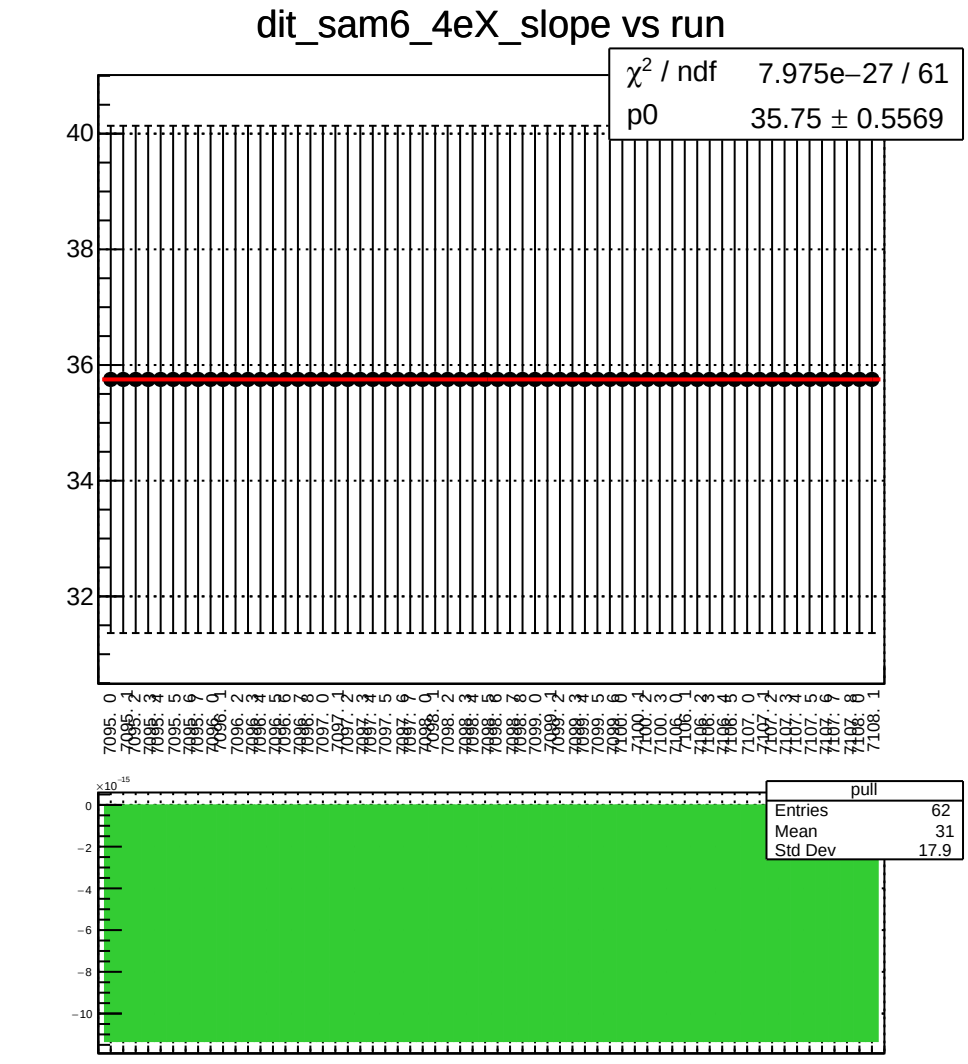

dit_sam5_4aY_slope vs run
χ² / ndf 1.054e−24 / 61
p0 31.75 ± 0.0346
32
31.9
31.8
31.7
31.6
31.5
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
pull1D
Entries 62
Mean −1.304e−13
Std Dev 0
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

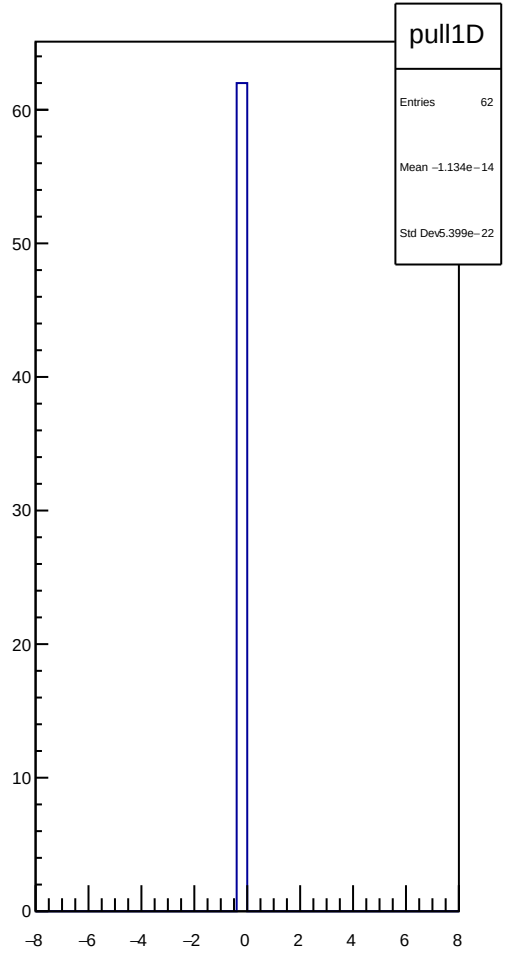

dit_sam5_4eY_slope vs run
χ² / ndf 1.832e−24 / 61
p0 117.6 ± 0.126
118.5
118
117.5
117
116.5
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
−0.14
−0.16
−0.18

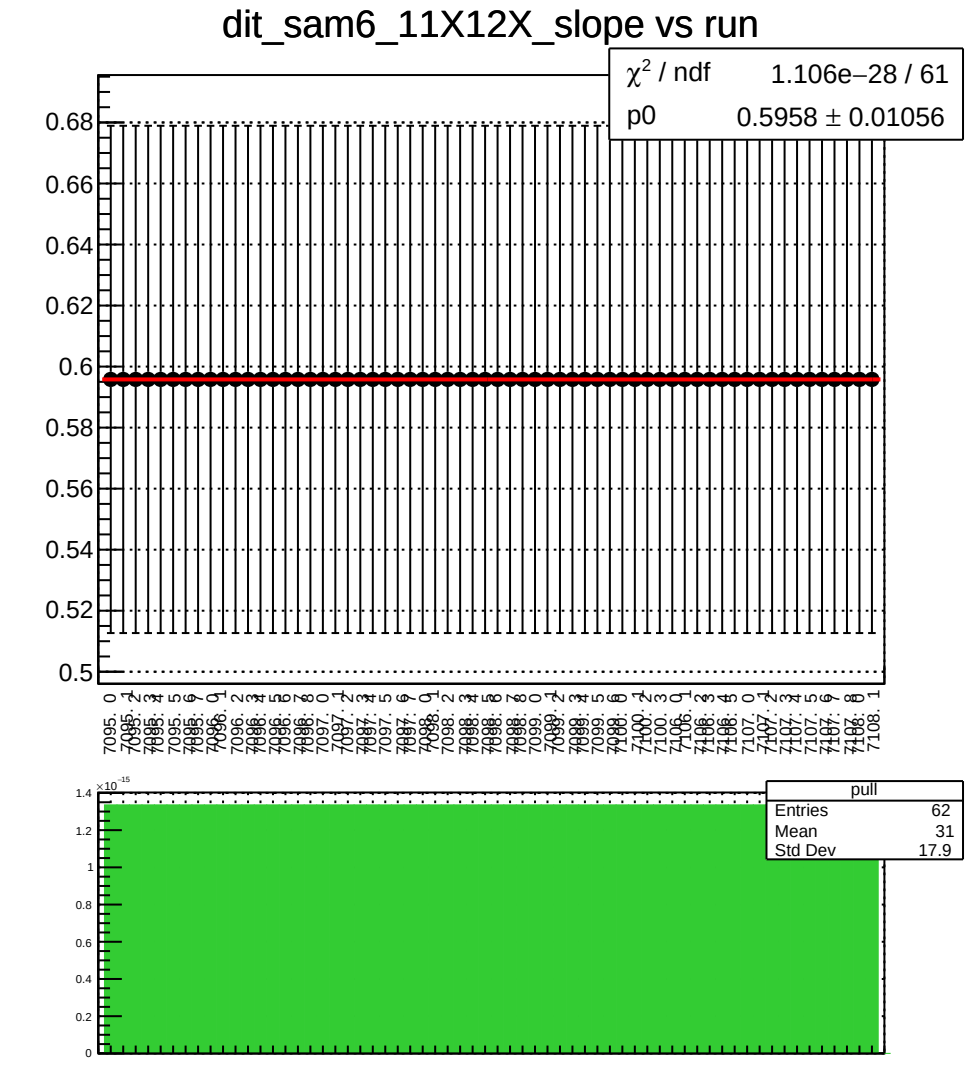

pull1D
Entries 62
Mean −1.719e−13
Std Dev7.187e−21
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

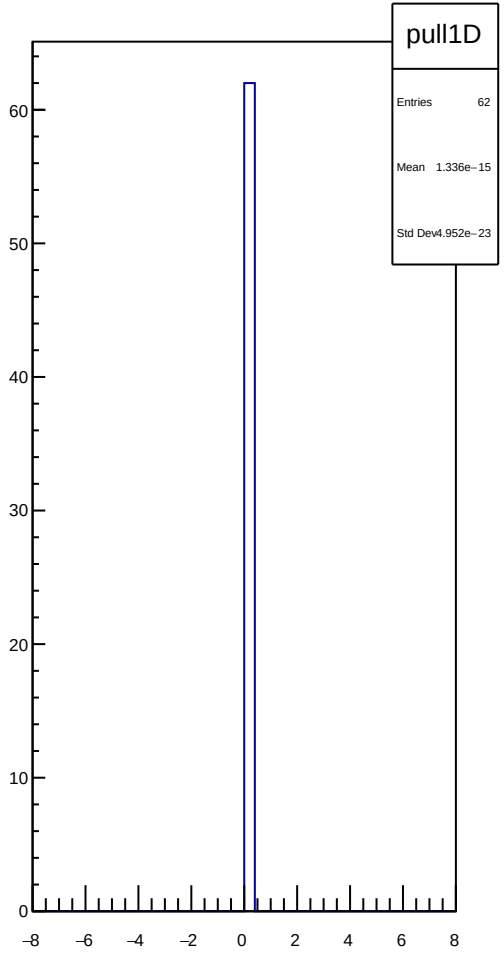

dit_sam6_4aX_slope vs run
χ² / ndf 1.226e−28 / 61
p0 34.62 ± 0.6417
pull
Entries 62
Mean 31
Std Dev 17.9

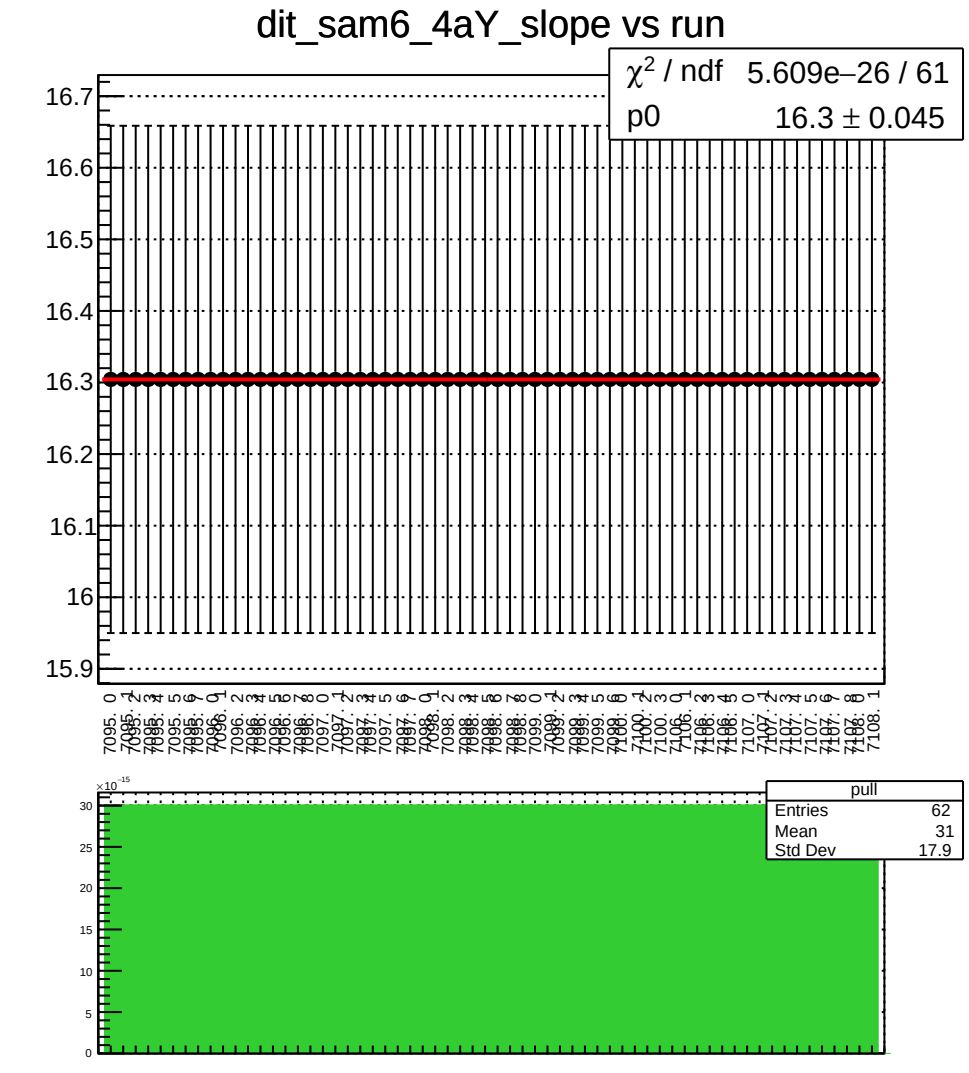

pull1D
Entries 62
Mean −1.406e−15
Std Dev4.952e−23

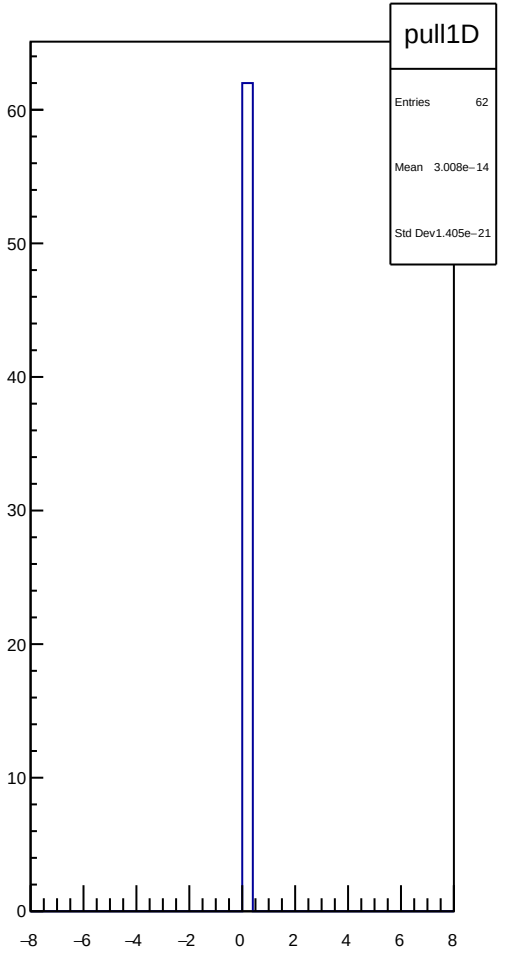

dit_sam6_4eX_slope vs run
χ² / ndf 7.975e−27 / 61
p0 35.75 ± 0.5569
40
38
36
34
32
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
0
−2
−4
−6
−8
−10

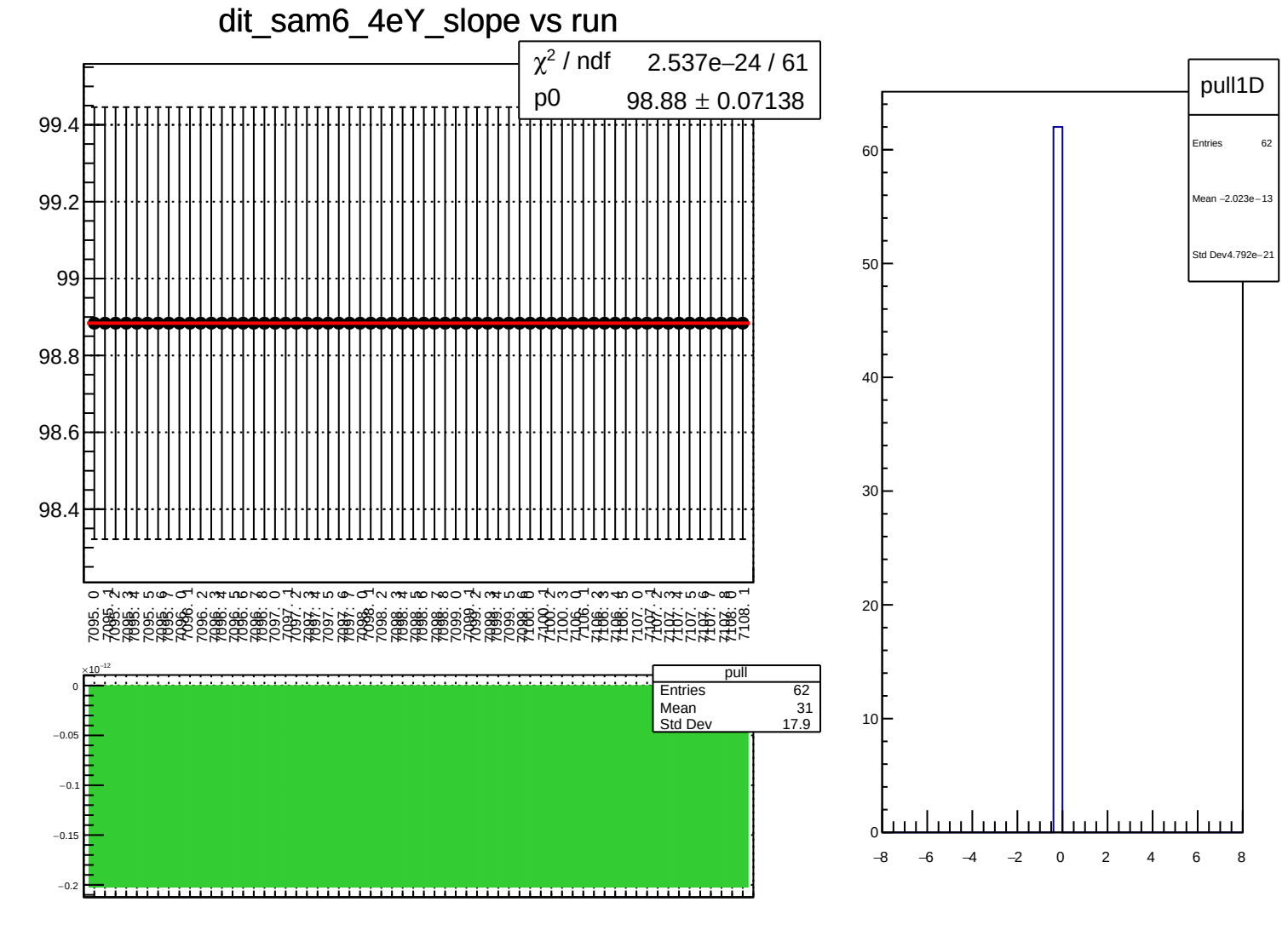

pull1D
Entries 62
Mean −1.134e−14
Std Dev5.399e−22
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

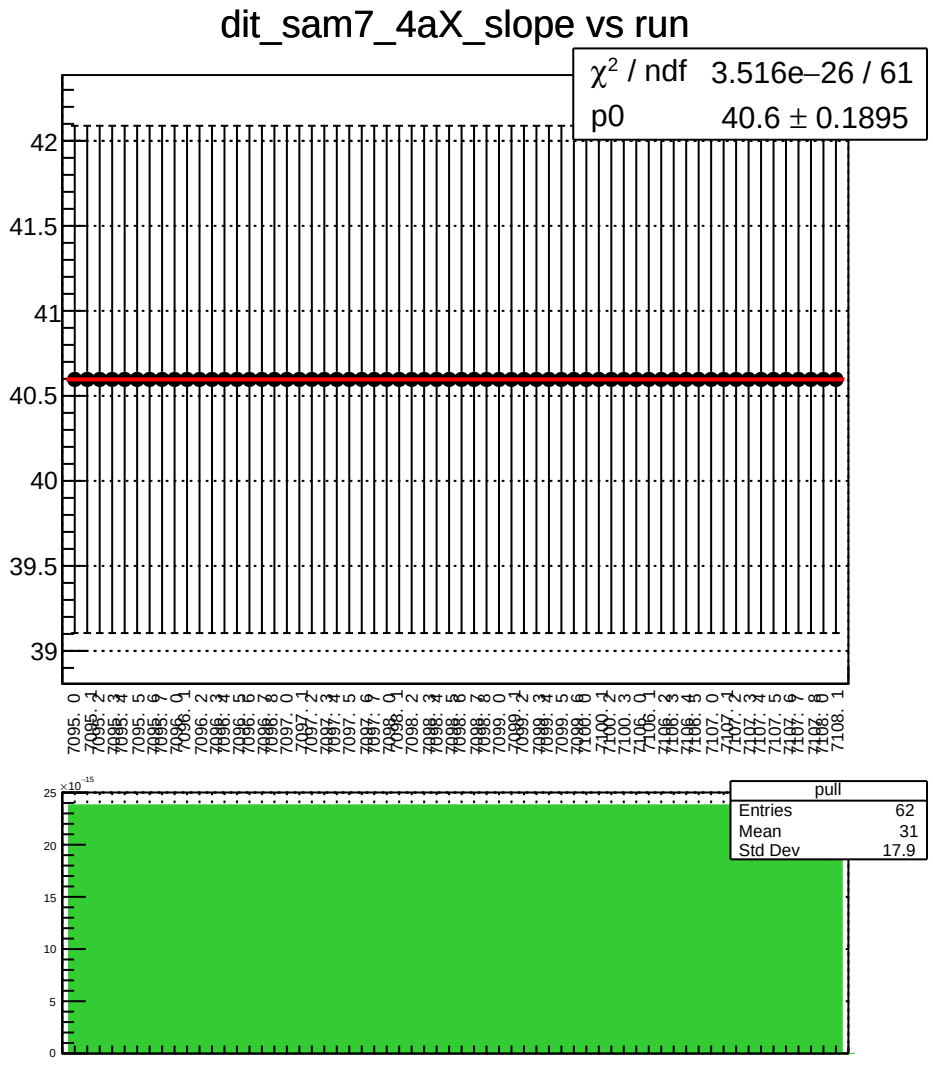

dit_sam6_11X12X_slope vs run
χ² / ndf 1.106e−28 / 61
p0 0.5958 ± 0.01056
pull
Entries 62
Mean 31
Std Dev 17.9

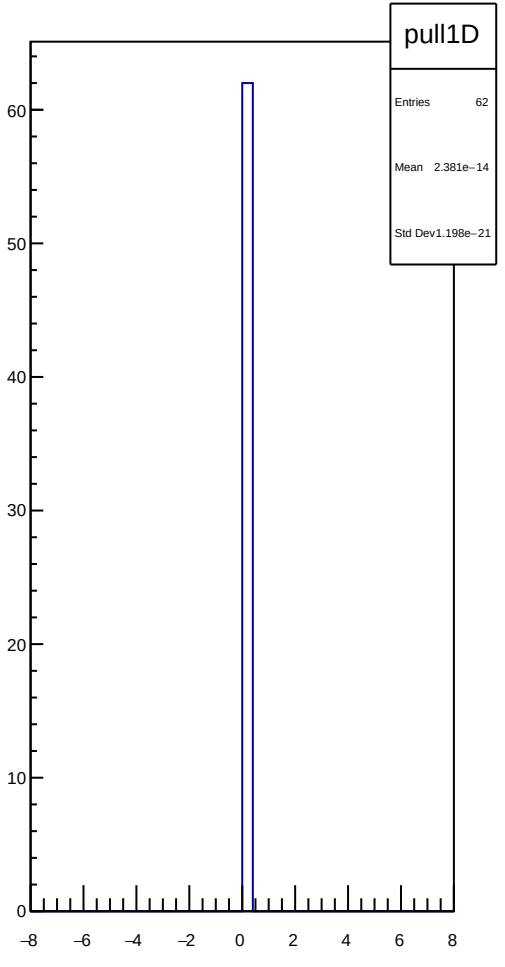

pull1D
Entries 62
Mean 1.336e−15
Std Dev 4.952e−23

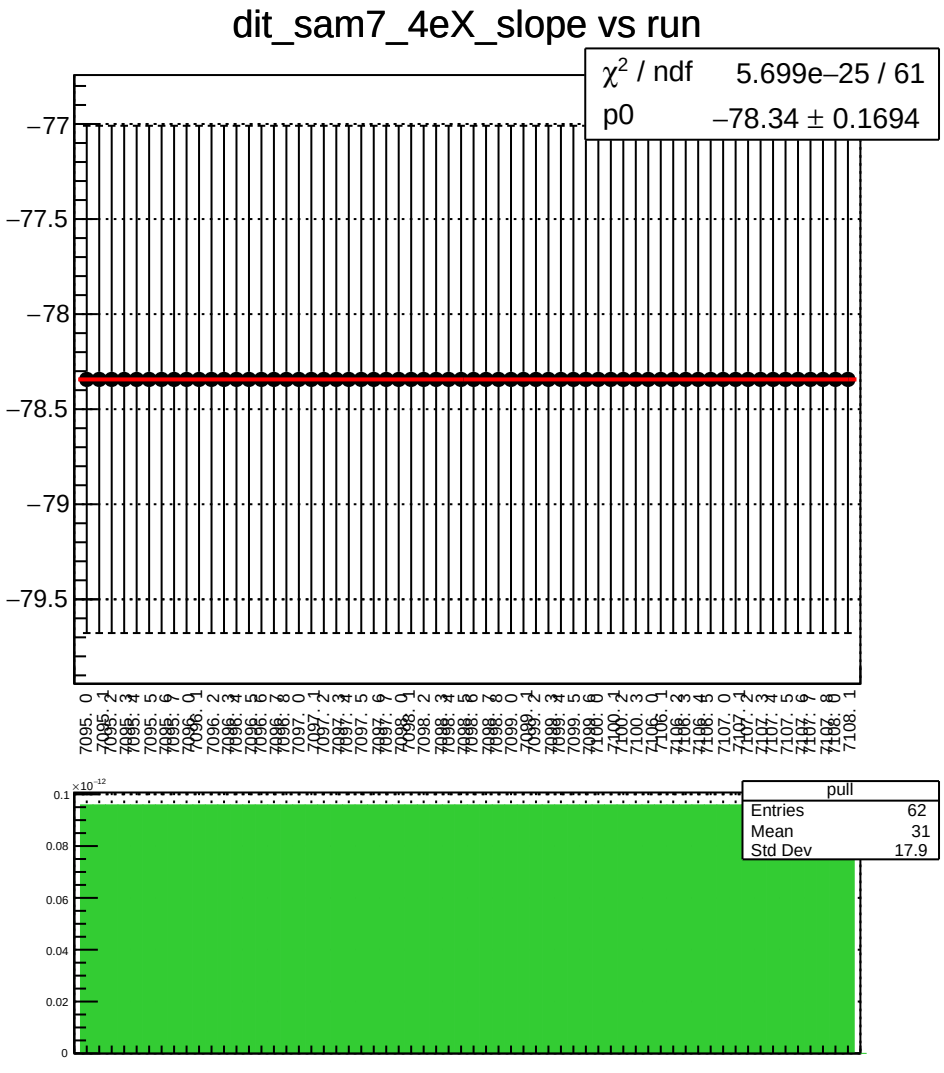

dit_sam6_4aY_slope vs run
χ² / ndf 5.609e−26 / 61
p0 16.3 ± 0.045
16.7
16.6
16.5
16.4
16.3
16.2
16.1
16
15.9
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
30
25
20
15
10
5
0

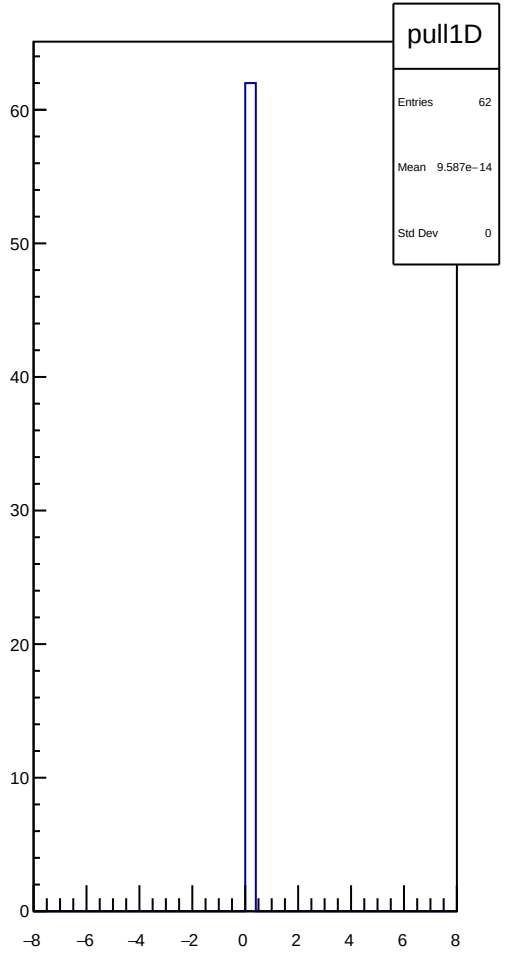

pull1D
Entries 62
Mean 3.008e−14
Std Dev1.405e−21
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

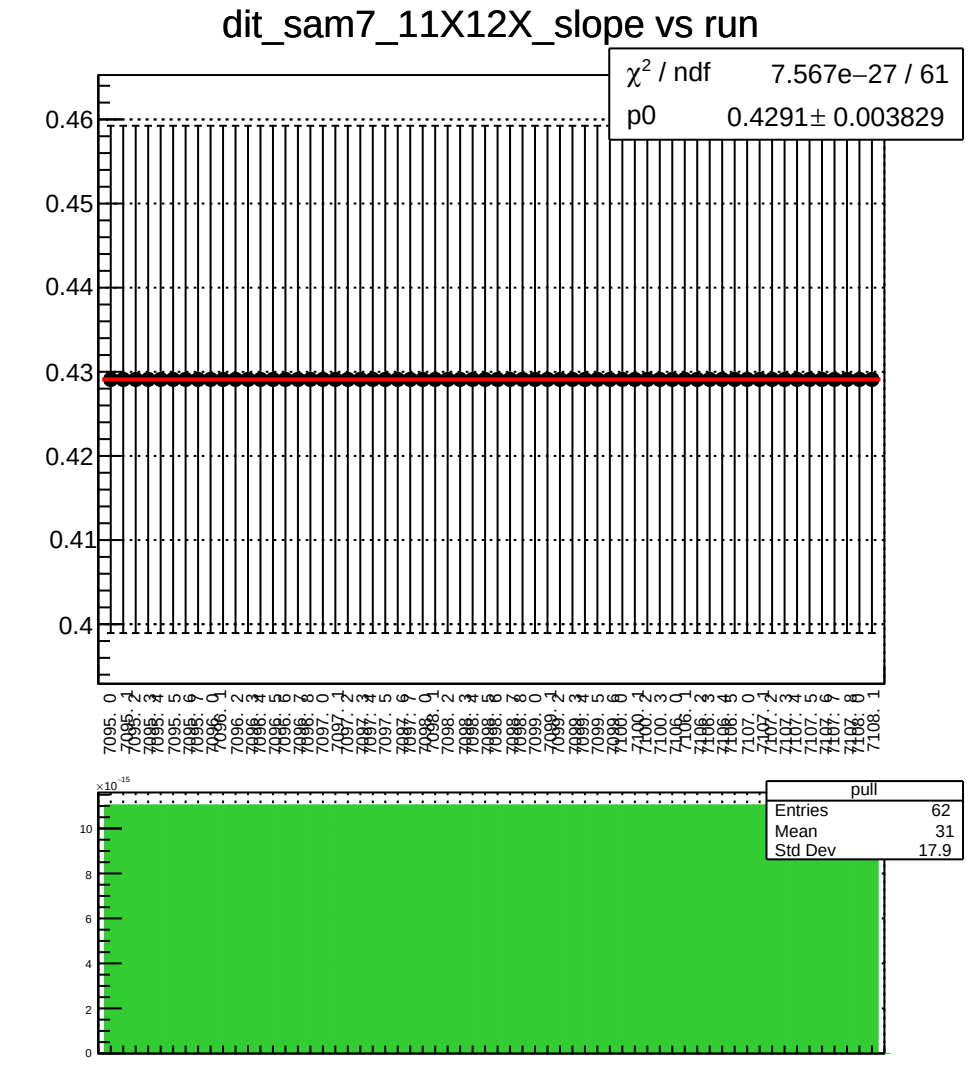

dit_sam6_4eY_slope vs run
χ² / ndf 2.537e−24 / 61
p0 98.88 ± 0.07138
99.4
99.2
99
98.8
98.6
98.4
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹²
0
−0.05
−0.1
−0.15
−0.2
pull1D
Entries 62
Mean −2.023e−13
Std Dev4.792e−21
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

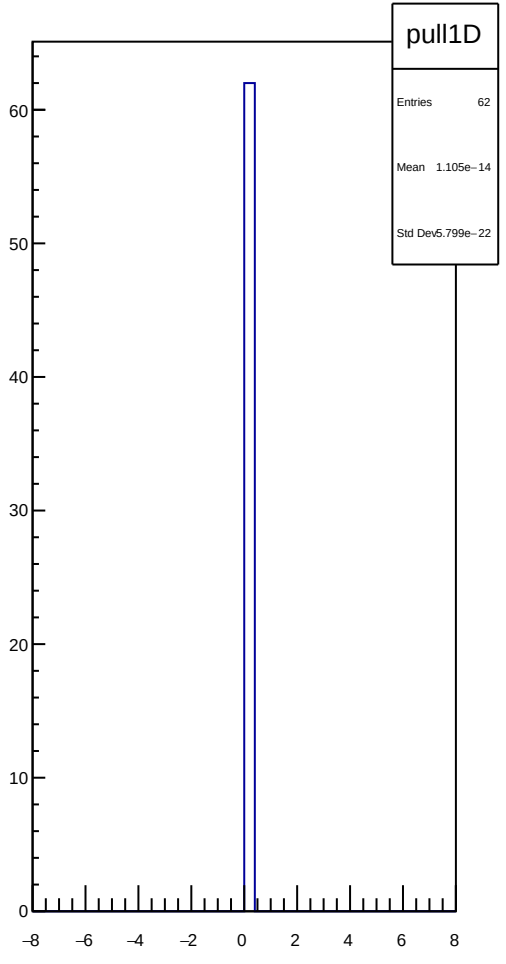

dit_sam7_4aX_slope vs run
χ² / ndf 3.516e−26 / 61
p0 40.6 ± 0.1895
pull
Entries 62
Mean 31
Std Dev 17.9

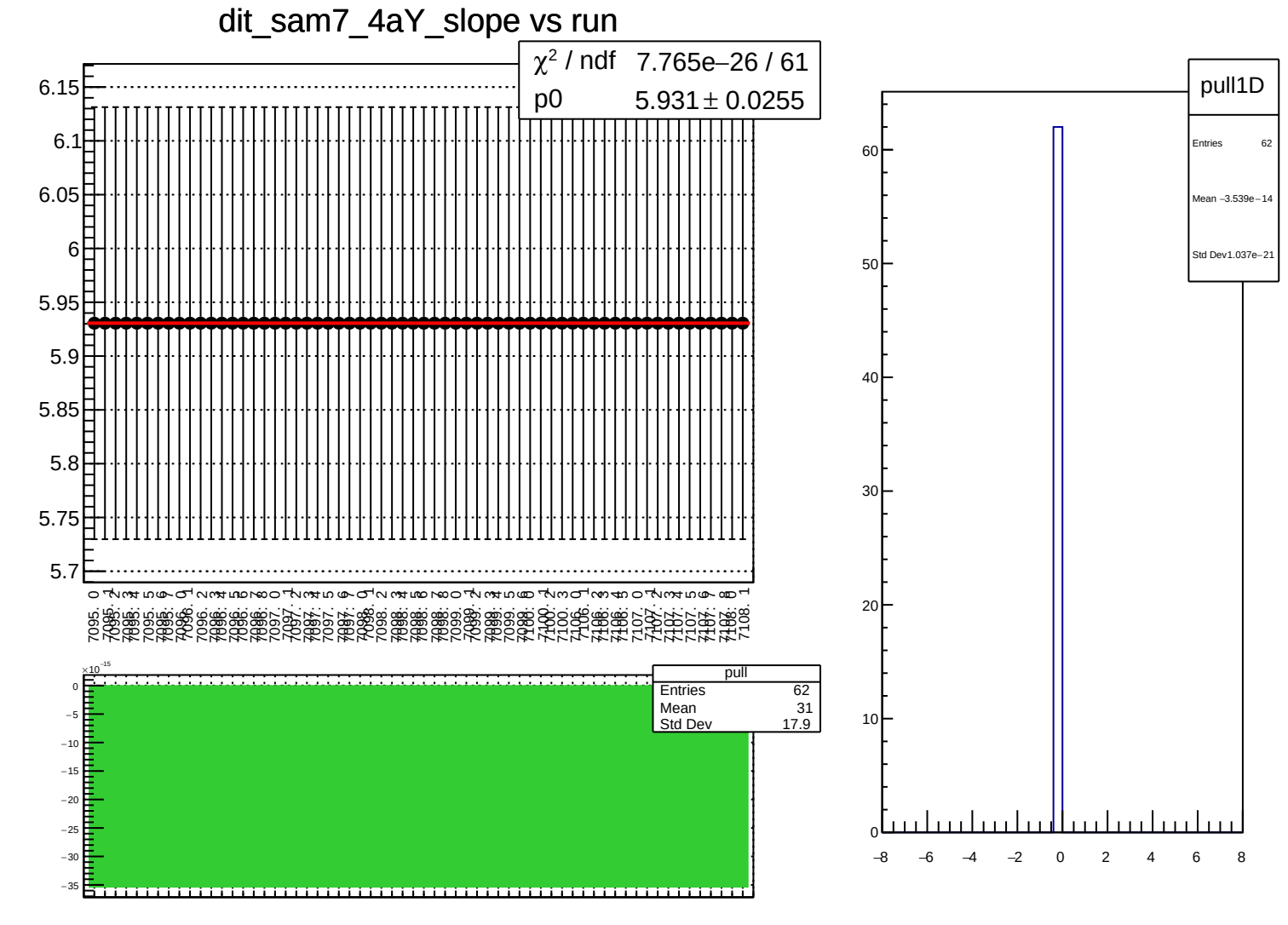

pull1D
Entries 62
Mean 2.381e−14
Std Dev1.198e−21

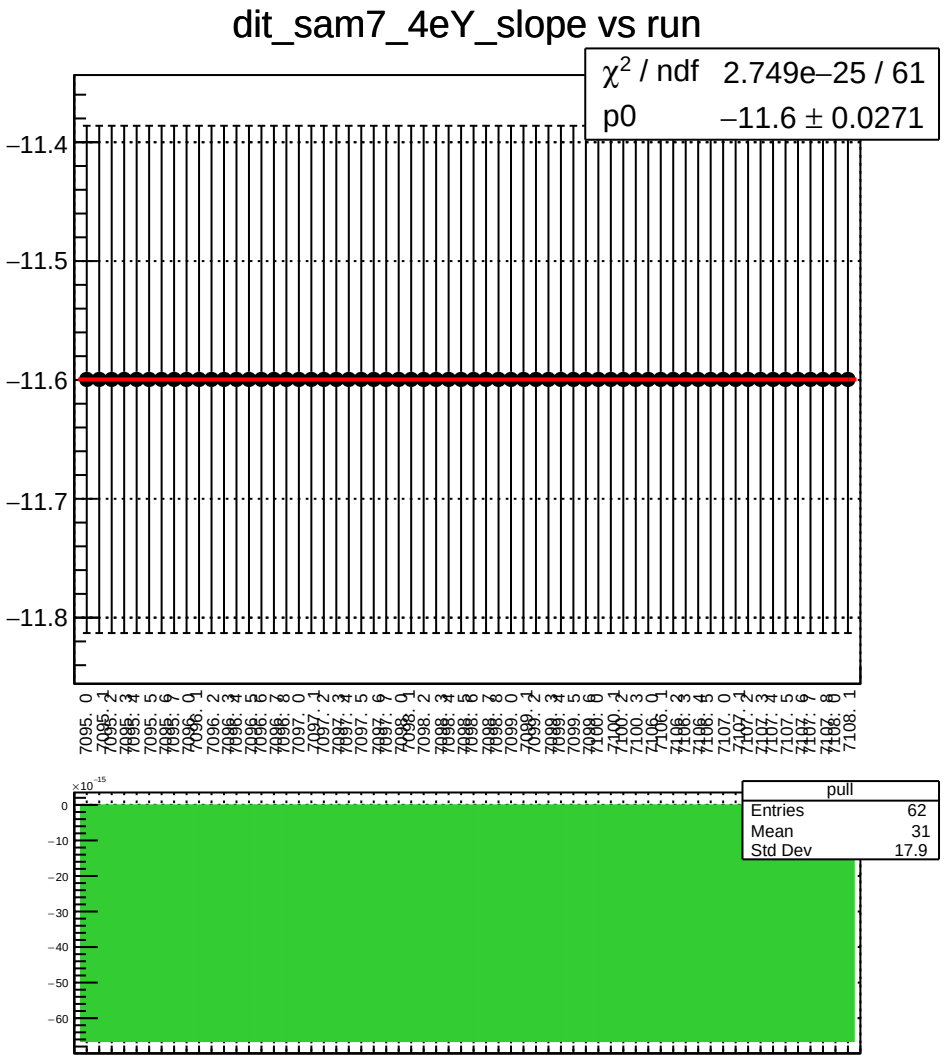

dit_sam7_4eX_slope vs run
χ² / ndf 5.699e−25 / 61
p0 −78.34 ± 0.1694
−77
−77.5
−78
−78.5
−79
−79.5
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹²
0.1
0.08
0.06
0.04
0.02
0

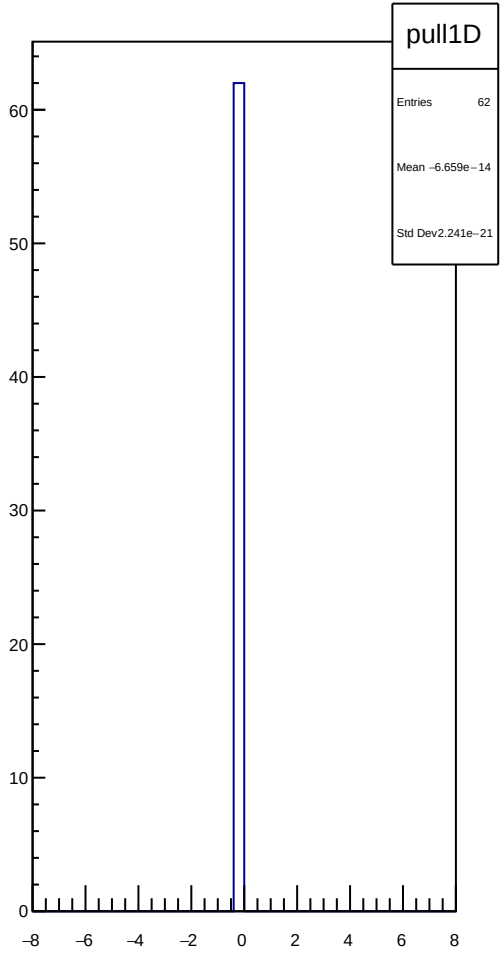

pull1D
Entries 62
Mean 9.587e−14
Std Dev 0
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

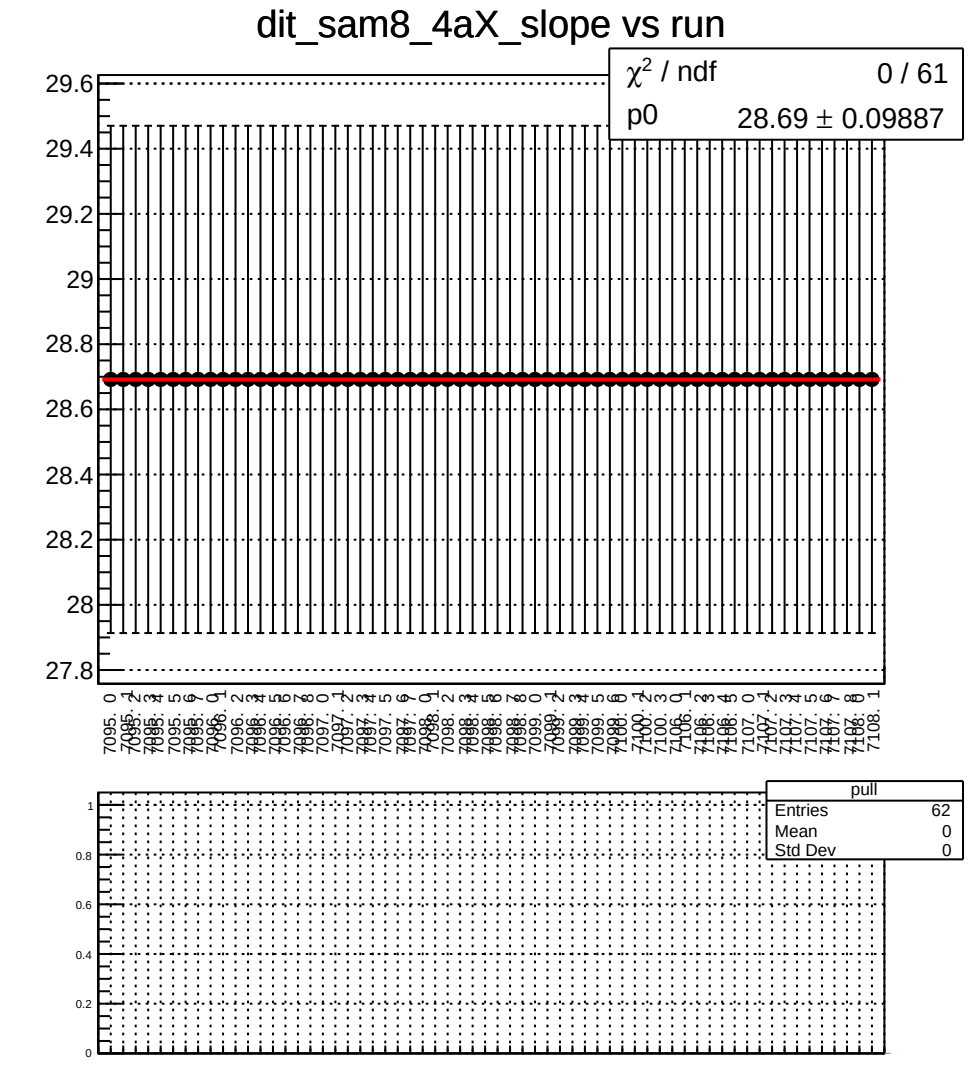

dit_sam7_11X12X_slope vs run
χ² / ndf 7.567e−27 / 61
p0 0.4291± 0.003829
0.46
0.45
0.44
0.43
0.42
0.41
0.4
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
10
8
6
4
2
0

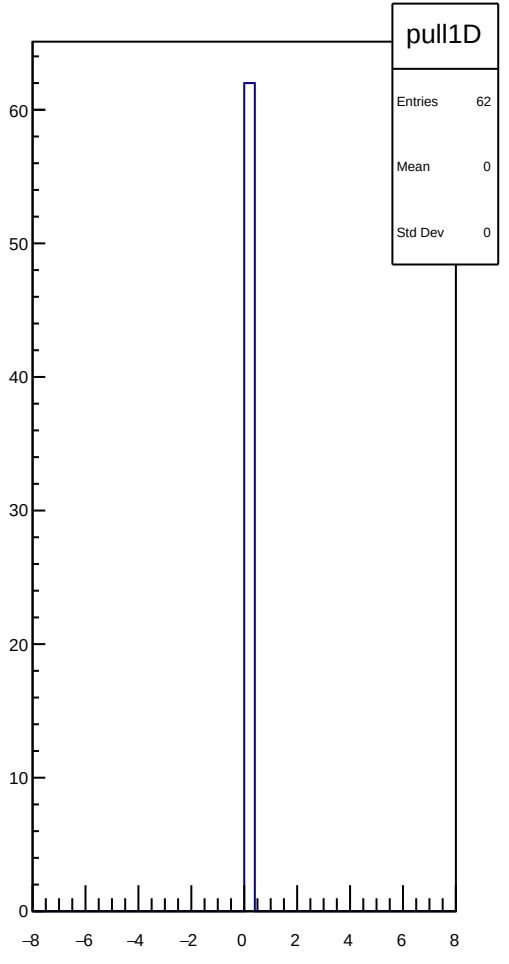

pull1D
Entries 62
Mean 1.105e−14
Std Dev 5.799e−22
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

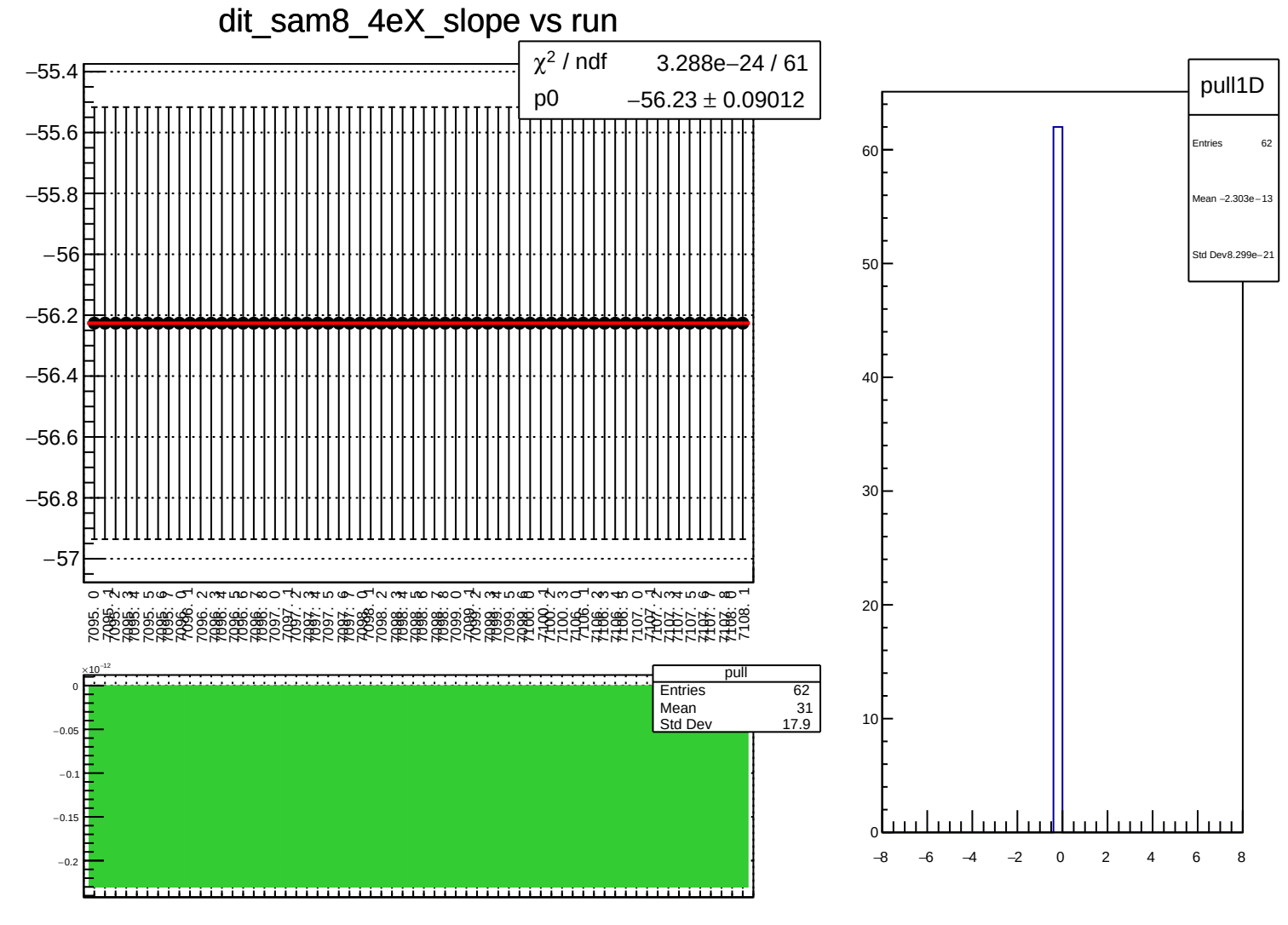

dit_sam7_4aY_slope vs run
χ² / ndf 7.765e−26 / 61
p0 5.931 ± 0.0255
pull
Entries 62
Mean 31
Std Dev 17.9
pull1D
Entries 62
Mean −3.539e−14
Std Dev1.037e−21

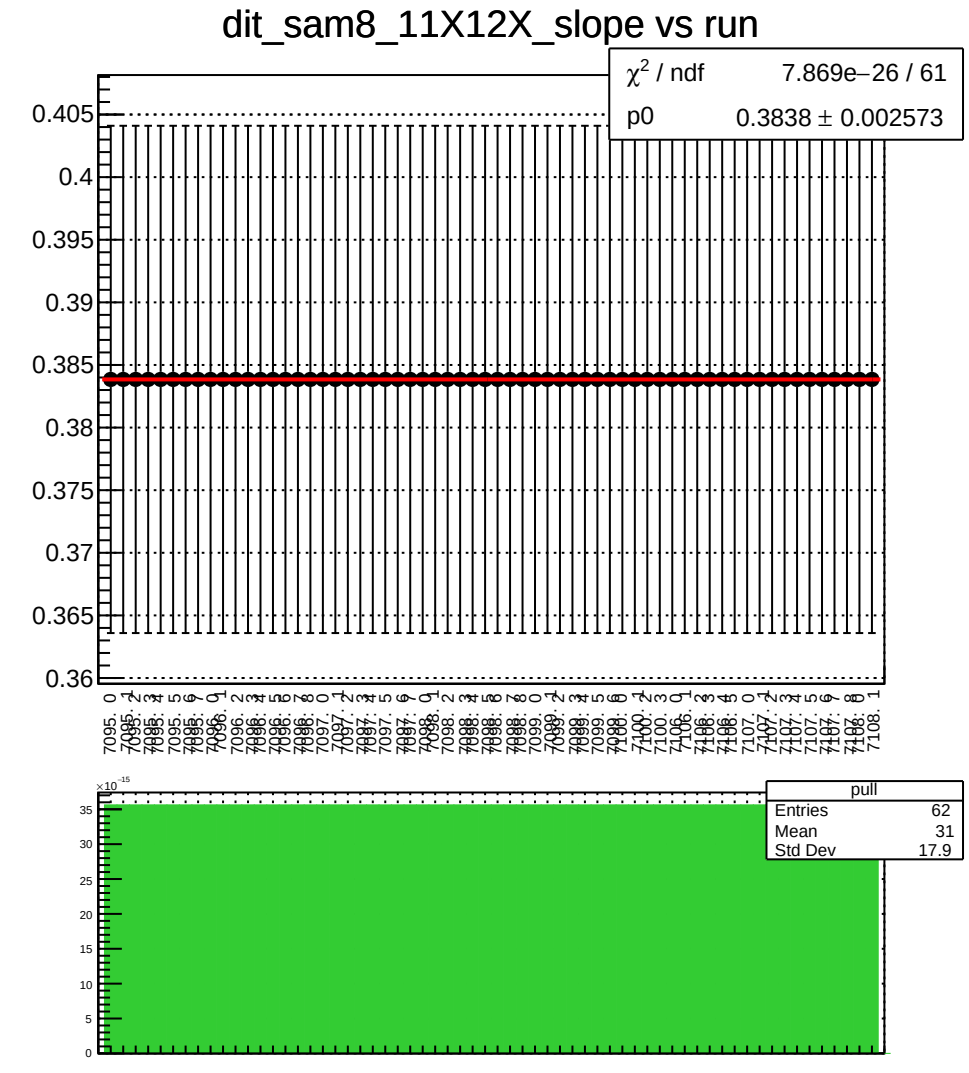

dit_sam7_4eY_slope vs run
χ² / ndf 2.749e−25 / 61
p0 −11.6 ± 0.0271
−11.4
−11.5
−11.6
−11.7
−11.8
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
0
−10
−20
−30
−40
−50
−60

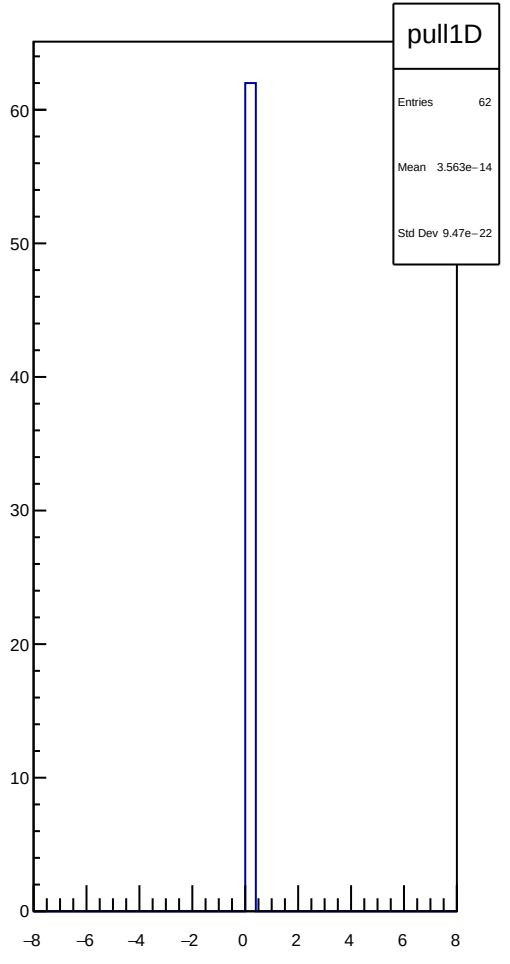

pull1D
Entries 62
Mean −6.659e−14
Std Dev2.241e−21
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

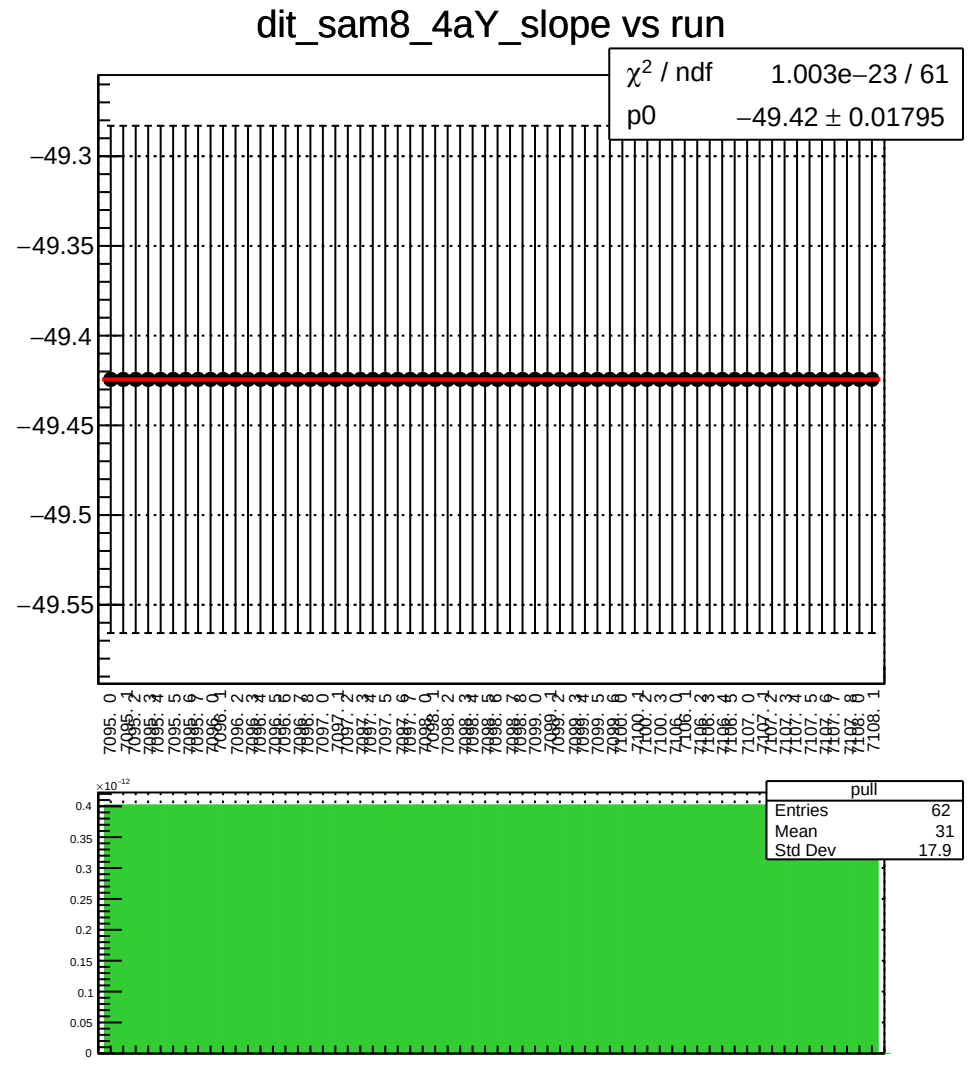

dit_sam8_4aX_slope vs run
χ² / ndf 0 / 61
p0 28.69 ± 0.09887
pull
Entries 62
Mean 0
Std Dev 0

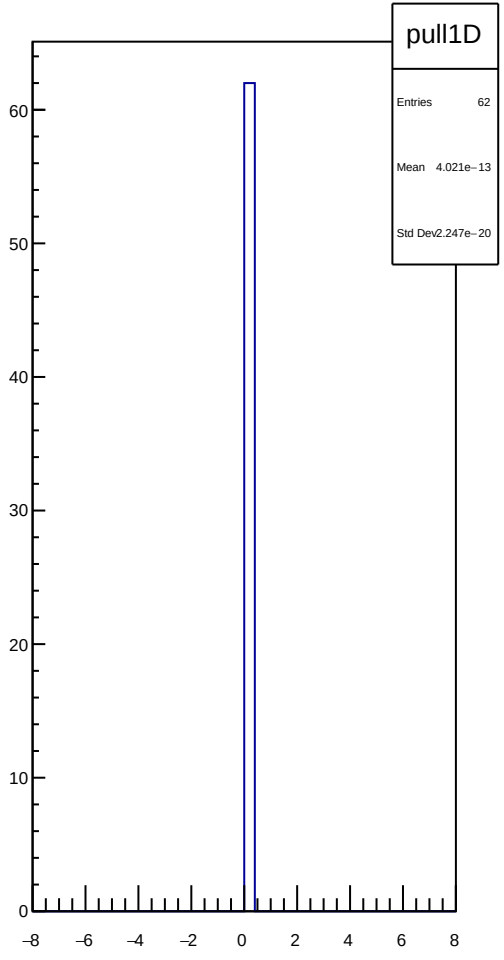

pull1D
Entries 62
Mean 0
Std Dev 0

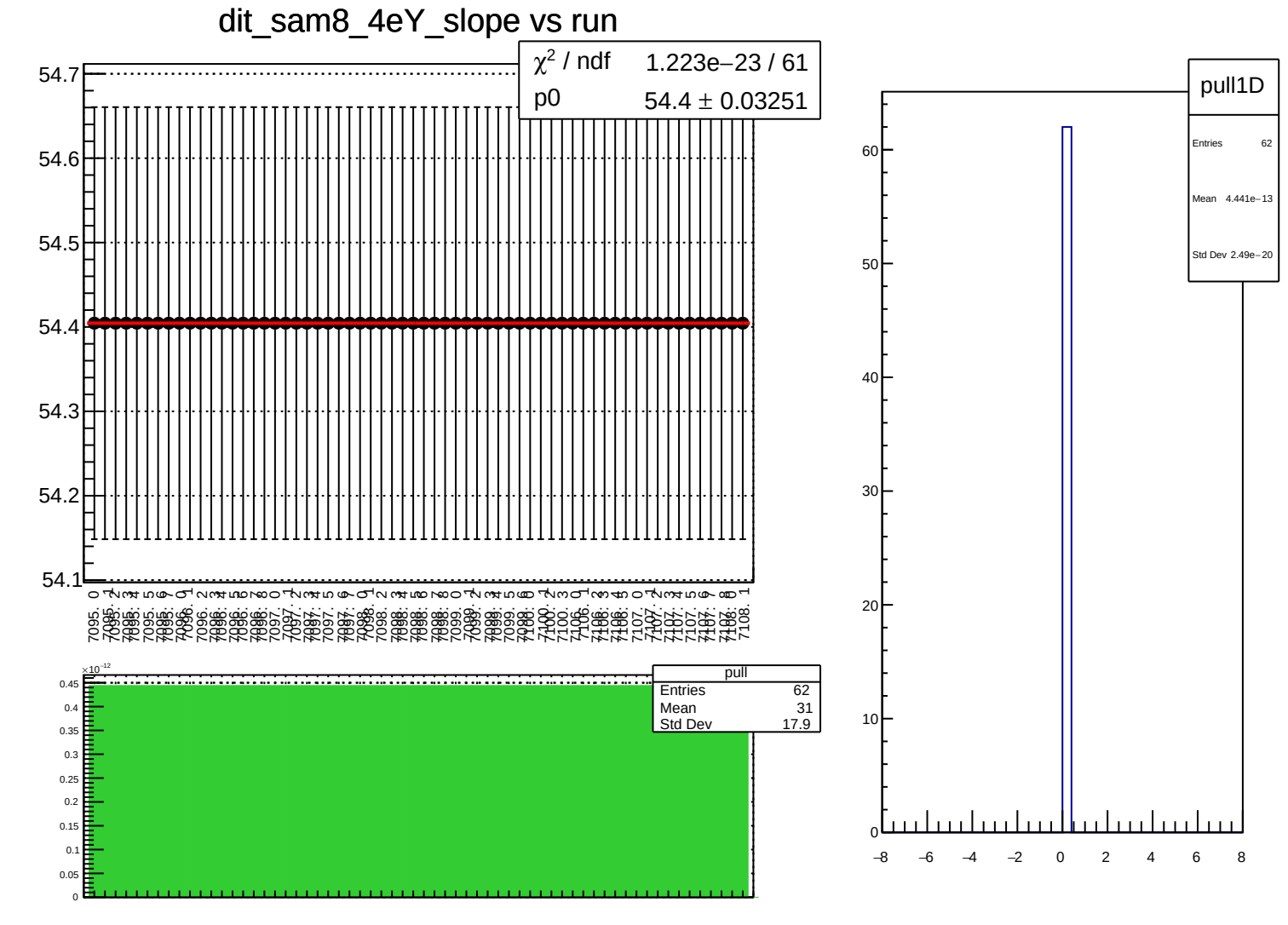

dit_sam8_4eX_slope vs run
χ² / ndf 3.288e−24 / 61
p0 −56.23 ± 0.09012
−55.4
−55.6
−55.8
−56
−56.2
−56.4
−56.6
−56.8
−57
pull
Entries 62
Mean 31
Std Dev 17.9
pull1D
Entries 62
Mean −2.303e−13
Std Dev8.299e−21
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

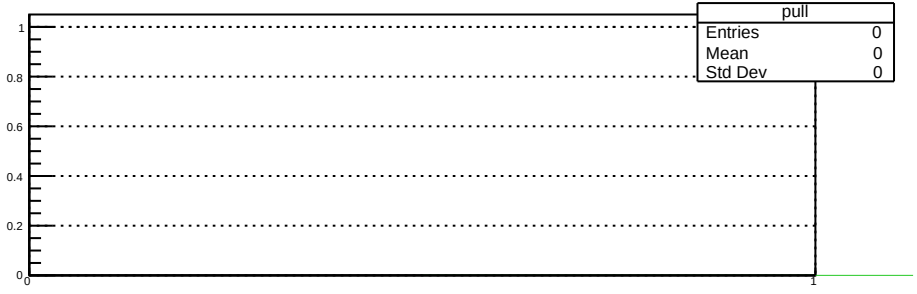

dit_sam8_11X12X_slope vs run
χ² / ndf 7.869e−26 / 61
p0 0.3838 ± 0.002573
0.405
0.4
0.395
0.39
0.385
0.38
0.375
0.37
0.365
0.36
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹⁵
35
30
25
20
15
10
5
0

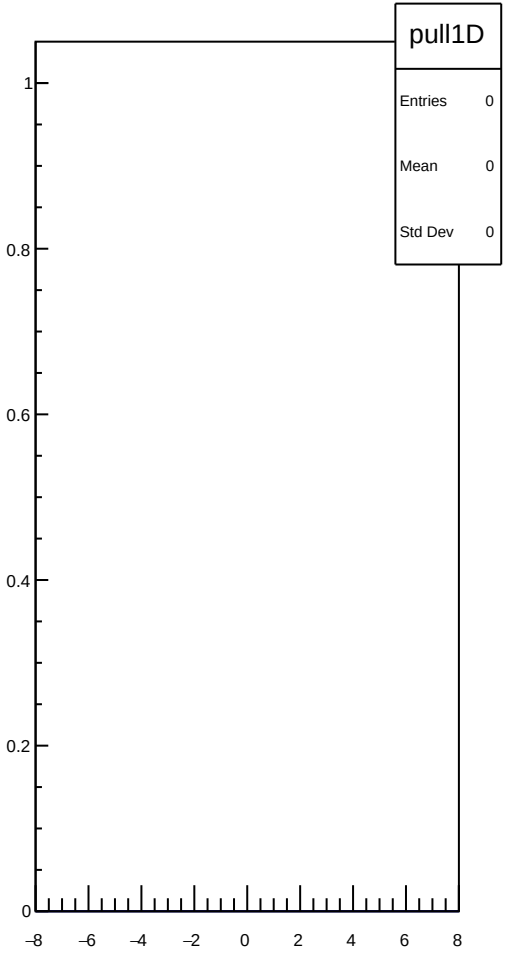

pull1D
Entries 62
Mean 3.563e−14
Std Dev 9.47e−22
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

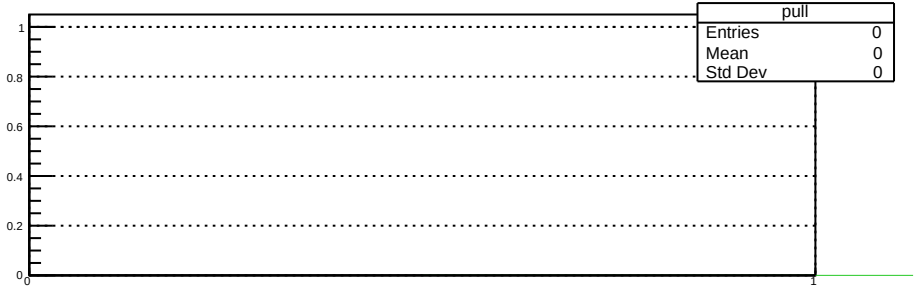

dit_sam8_4aY_slope vs run
χ² / ndf 1.003e−23 / 61
p0 −49.42 ± 0.01795
−49.3
−49.35
−49.4
−49.45
−49.5
−49.55
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹²
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0

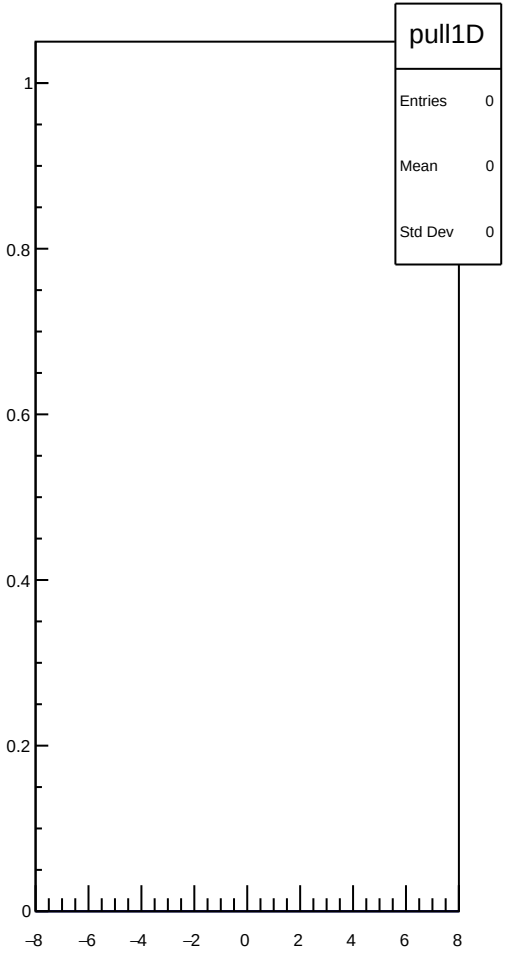

pull1D
Entries 62
Mean 4.021e−13
Std Dev 2.247e−20
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

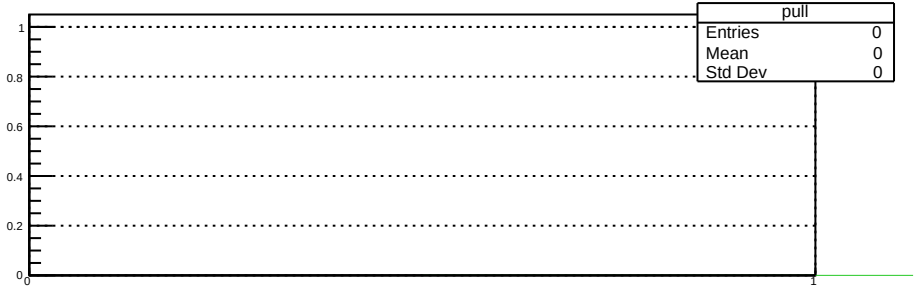

dit_sam8_4eY_slope vs run
χ² / ndf 1.223e−23 / 61
p0 54.4 ± 0.03251
54.7
54.6
54.5
54.4
54.3
54.2
54.1
pull
Entries 62
Mean 31
Std Dev 17.9
×10⁻¹²
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
pull1D
Entries 62
Mean 4.441e−13
Std Dev 2.49e−20
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

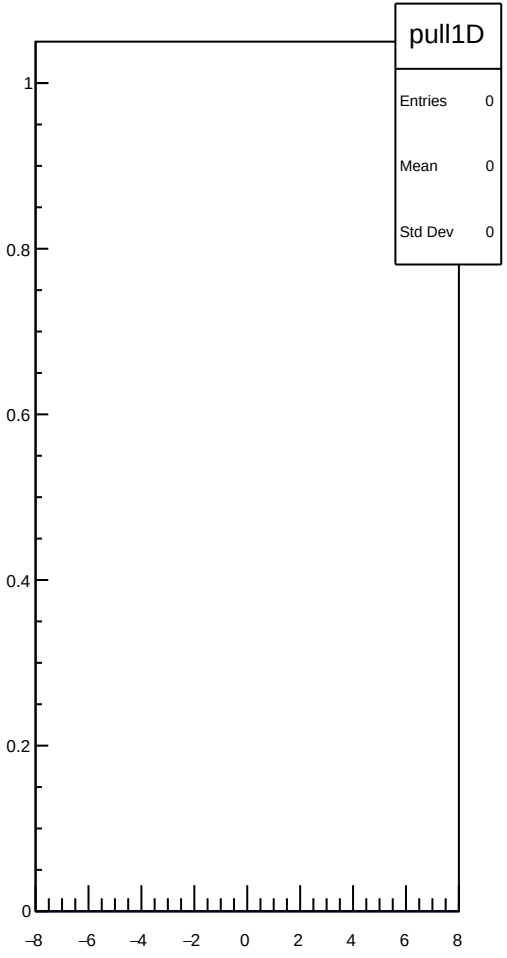

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

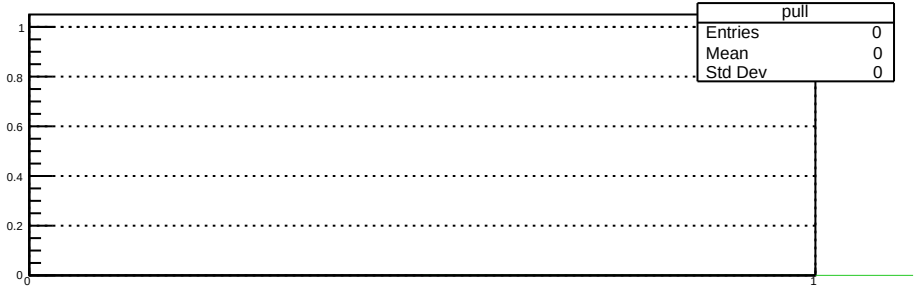

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

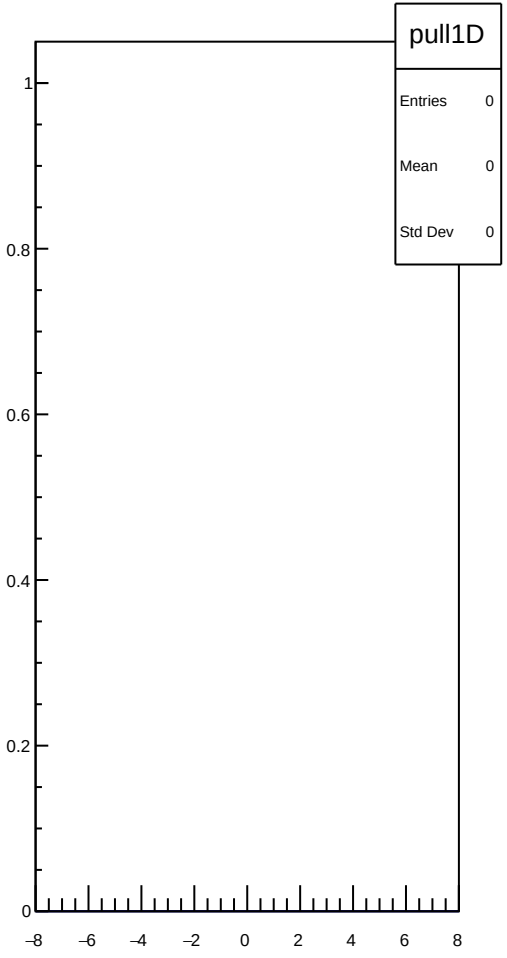

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

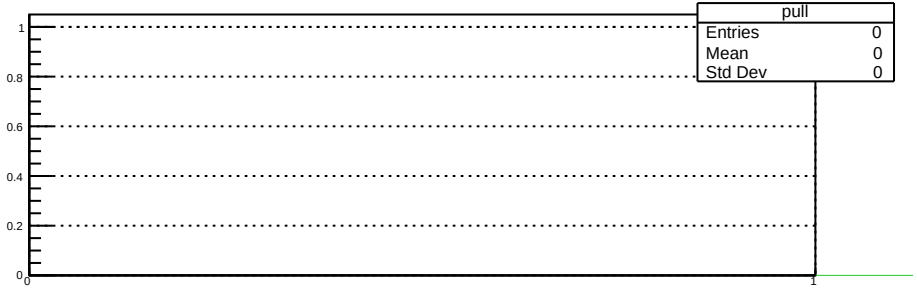

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

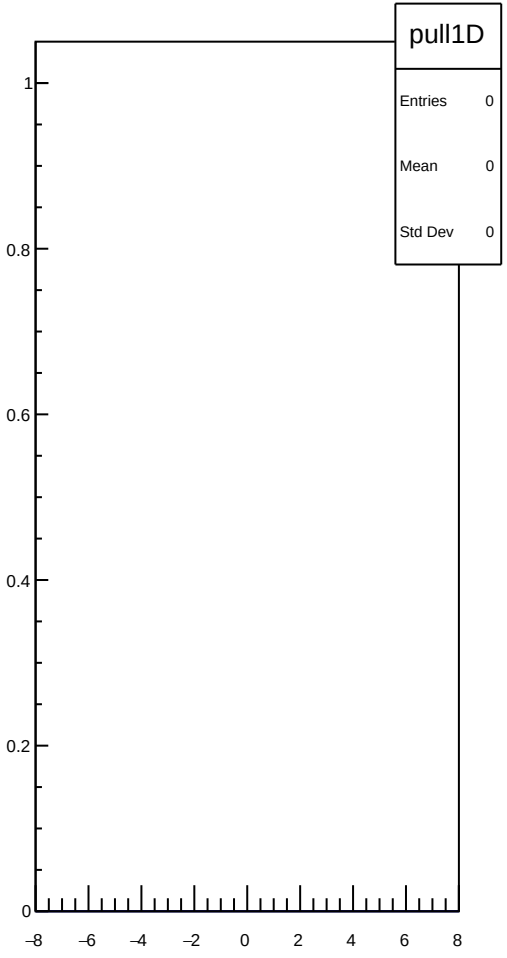

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

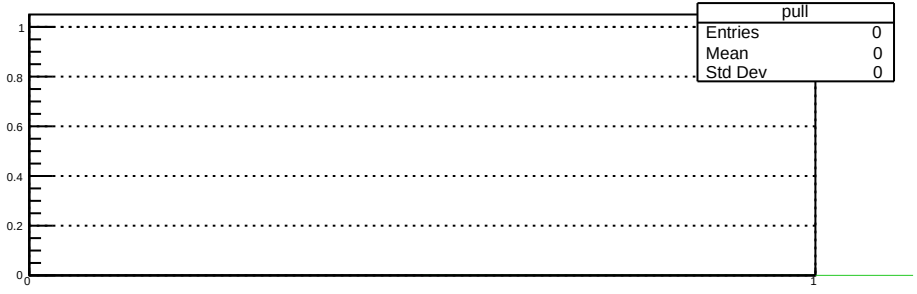

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

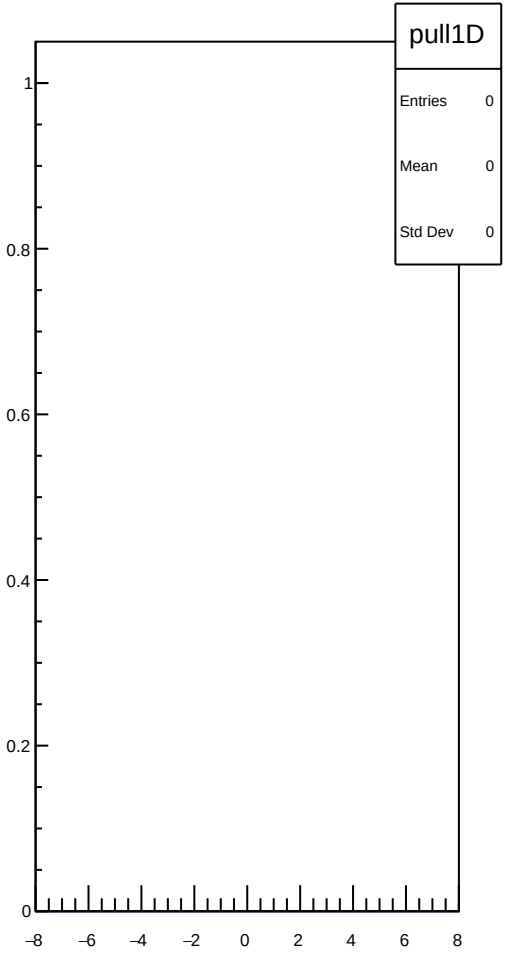

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

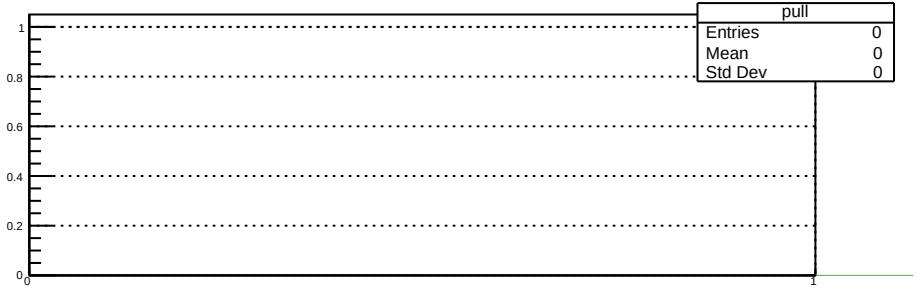

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

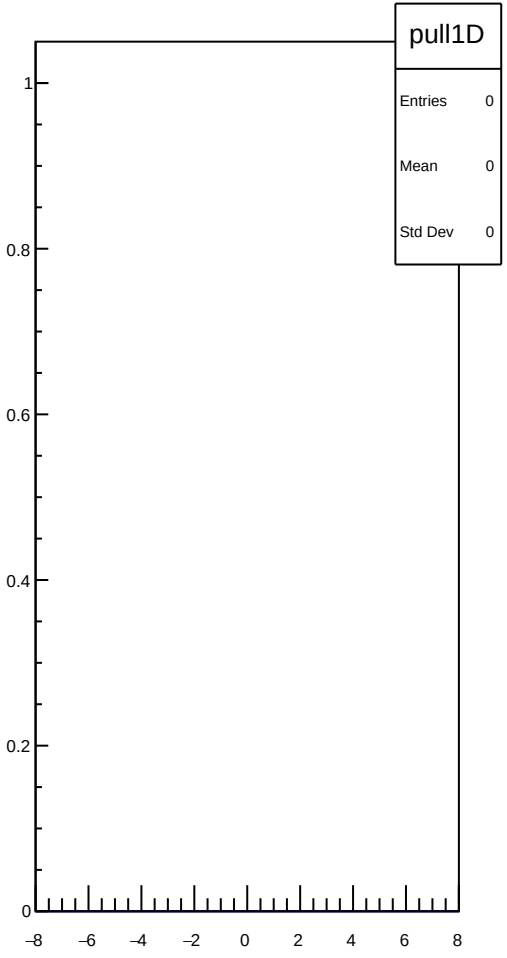

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

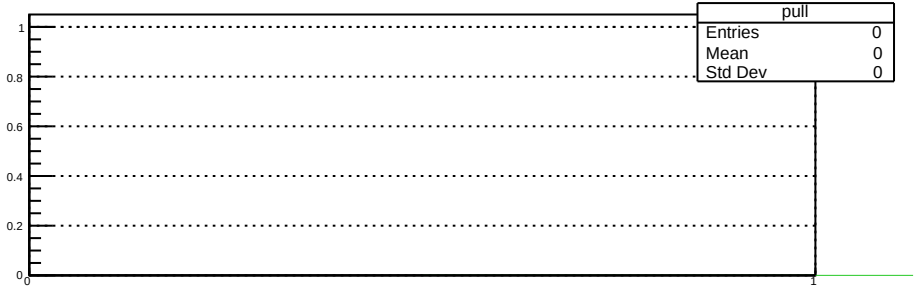

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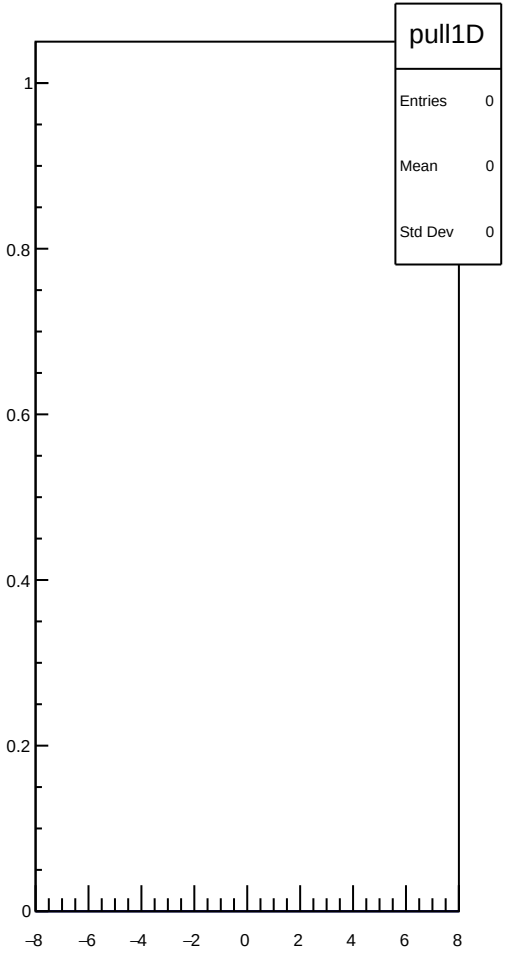

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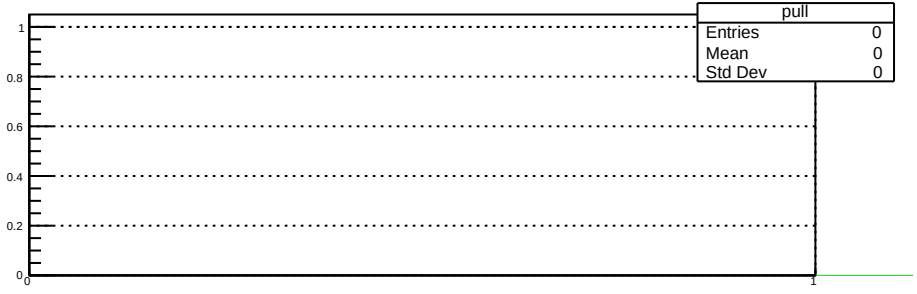

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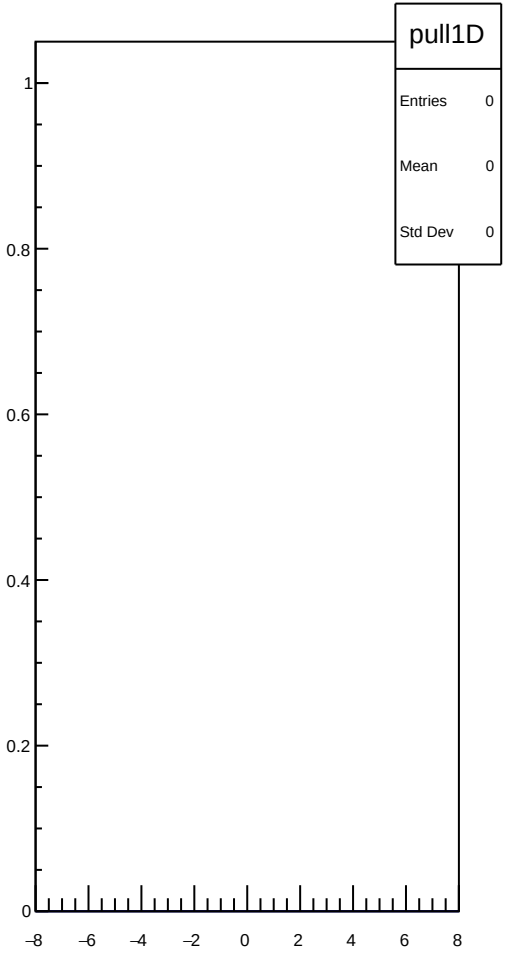

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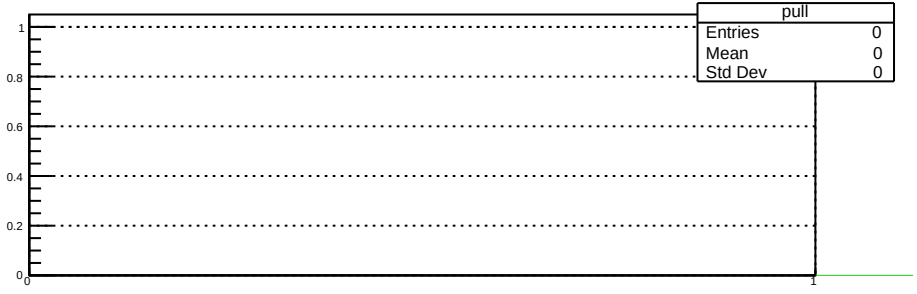

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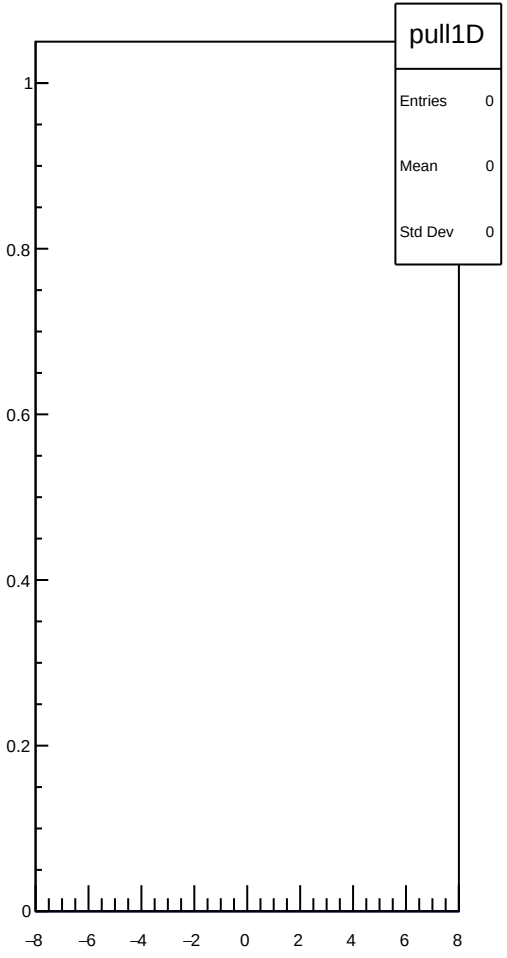

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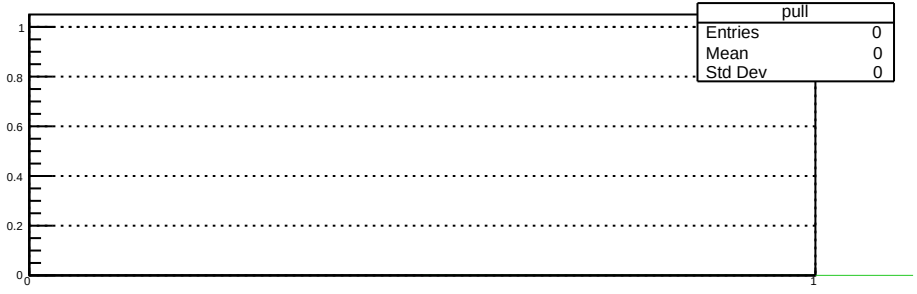

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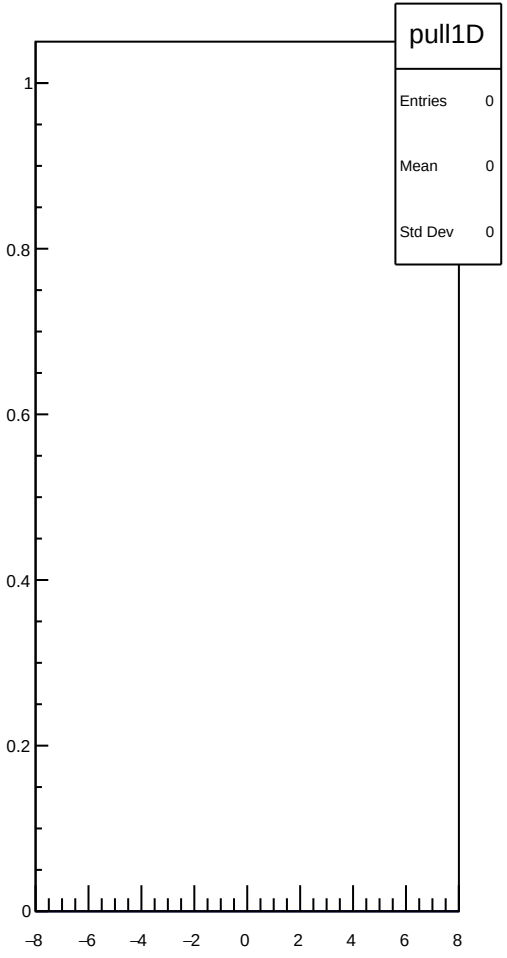

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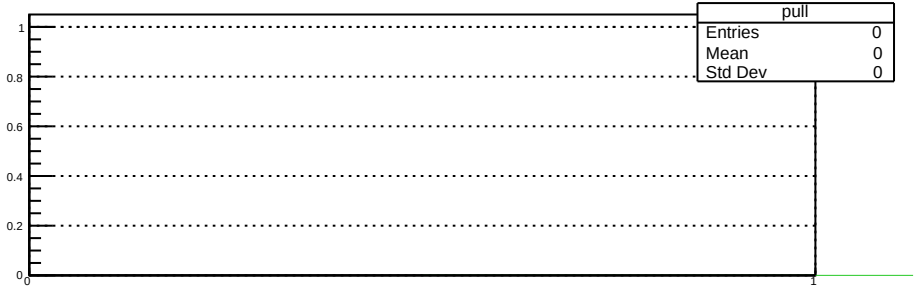

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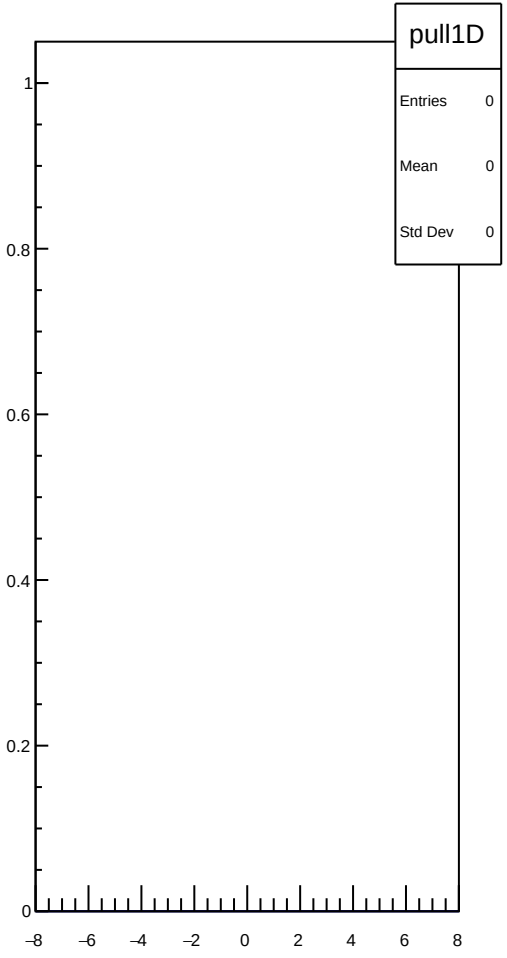

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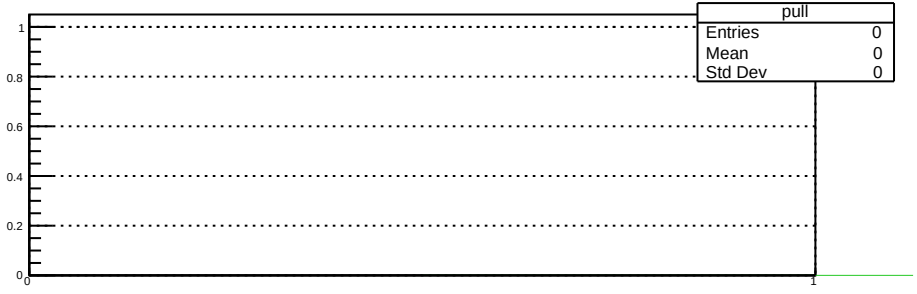

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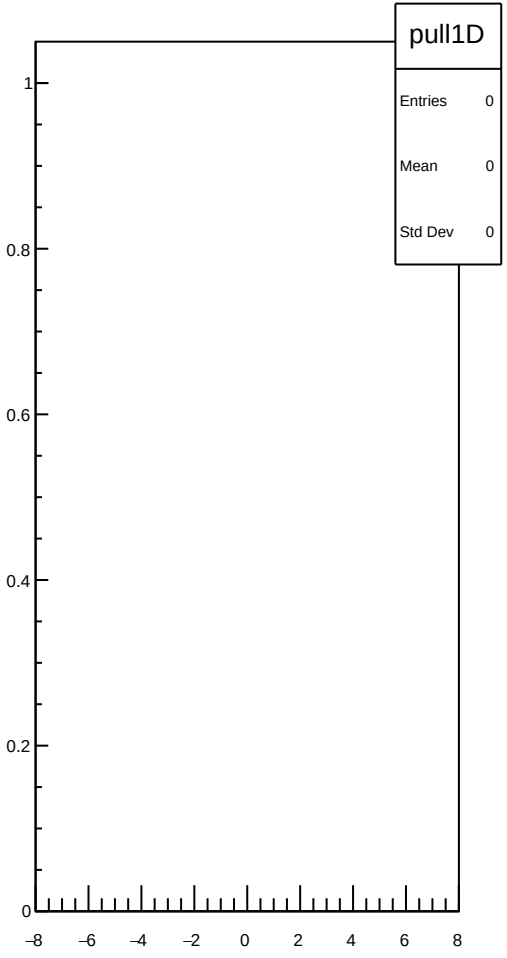

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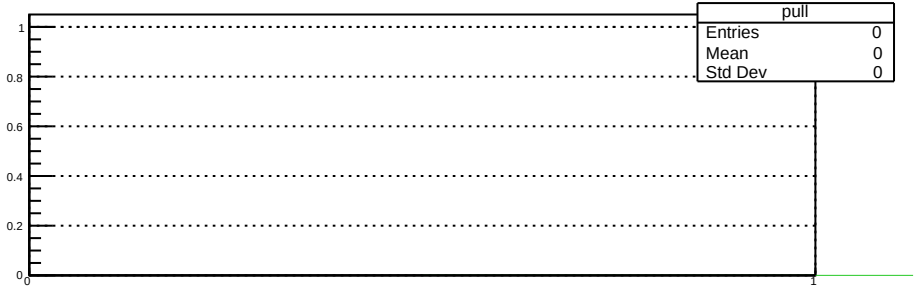

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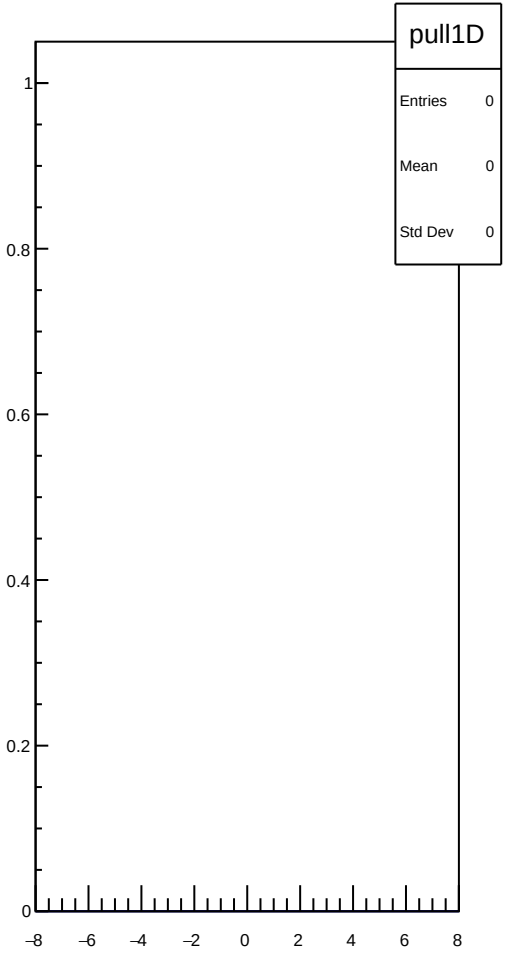

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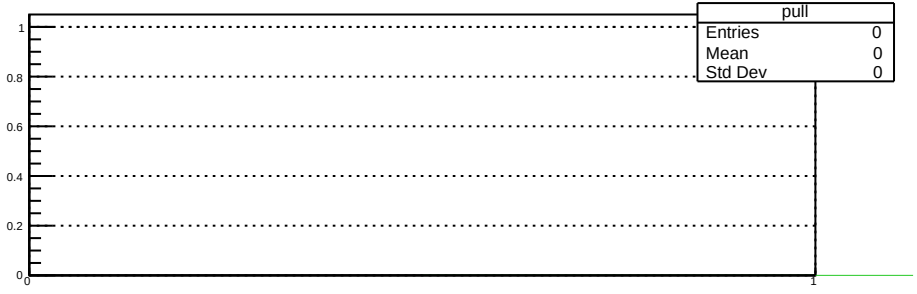

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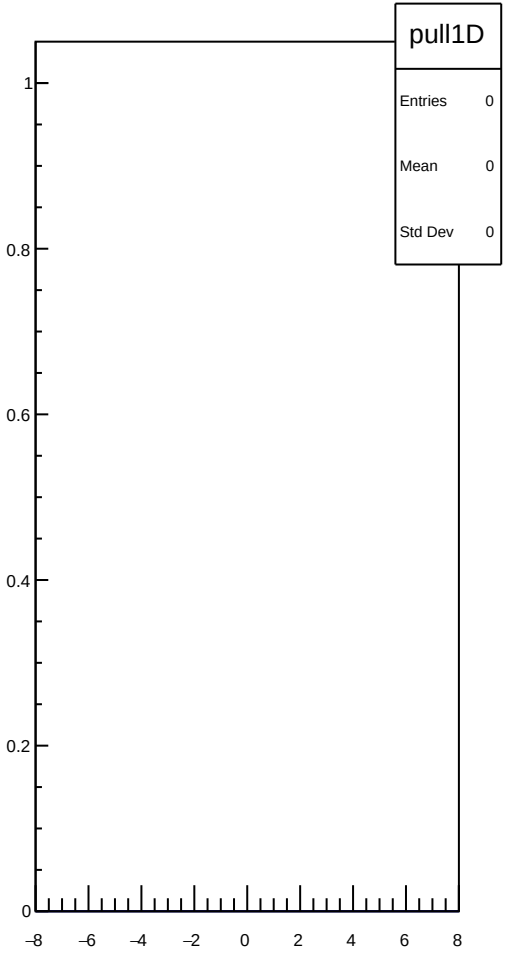

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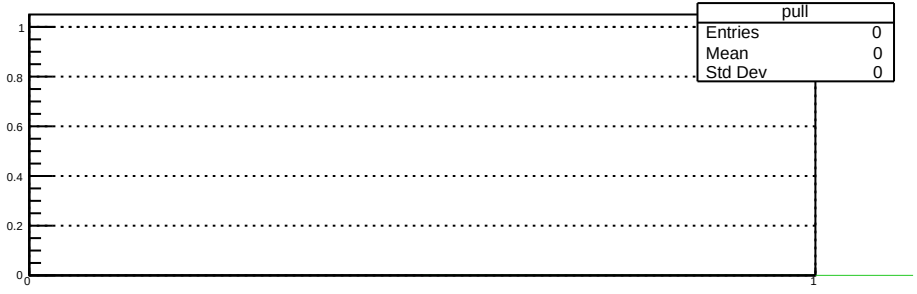

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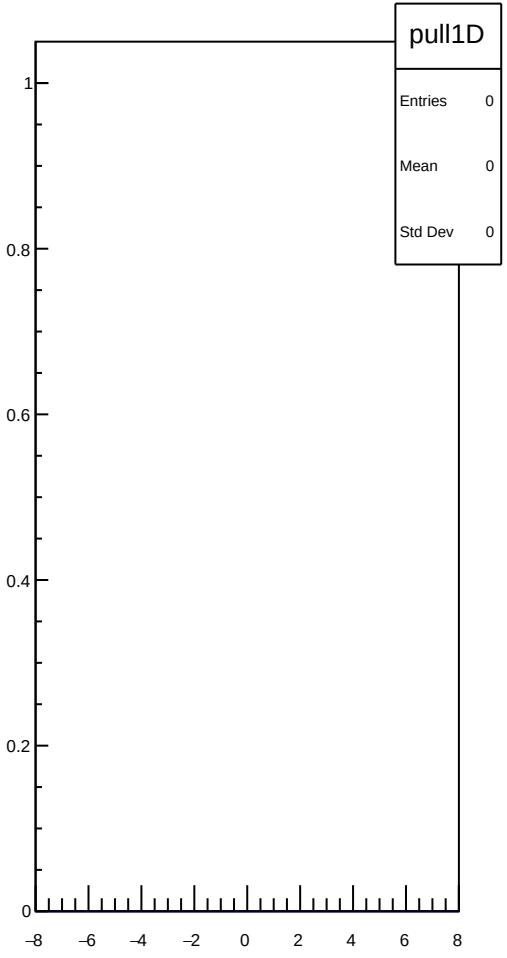

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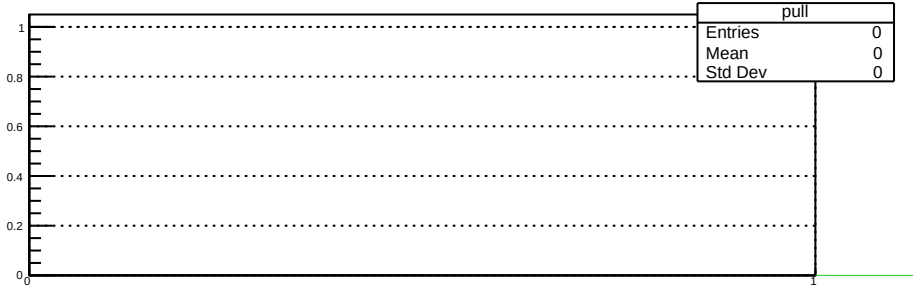

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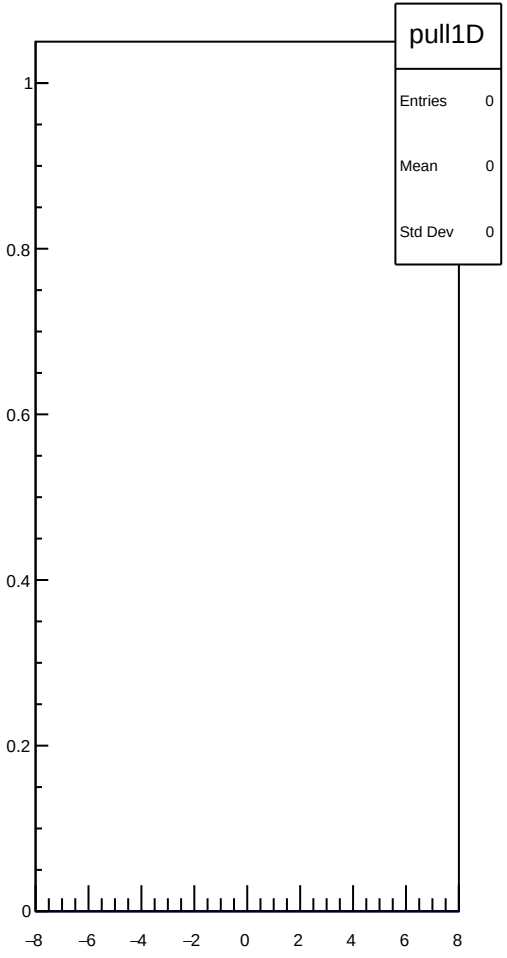

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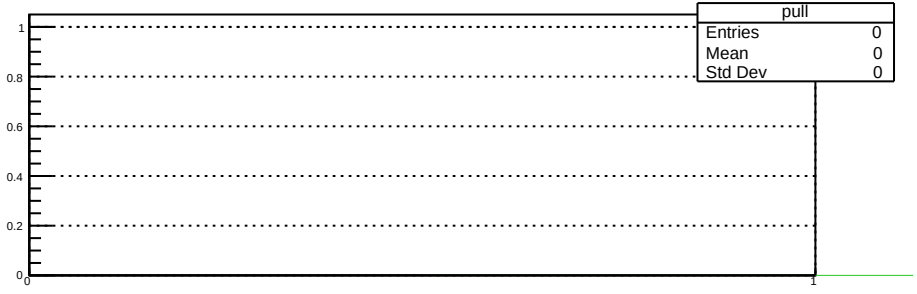

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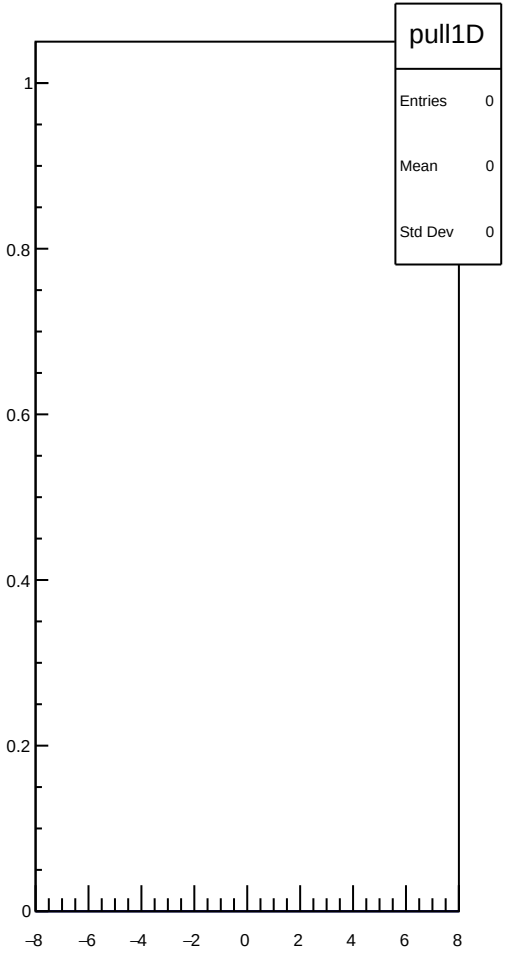

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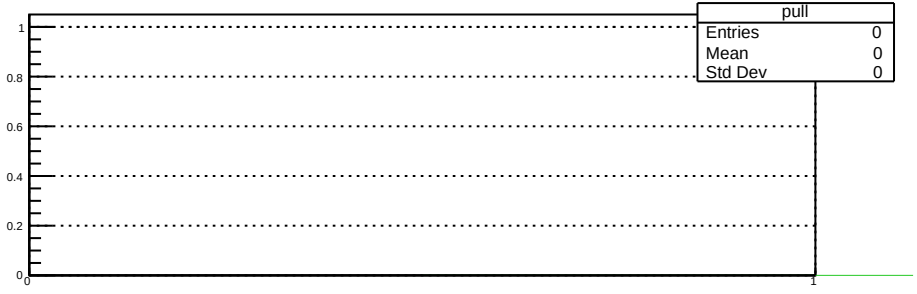

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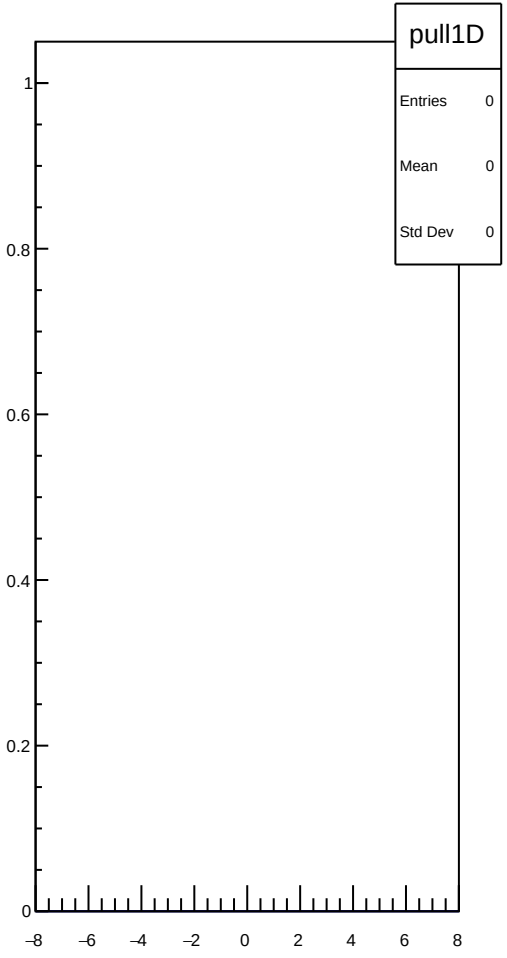

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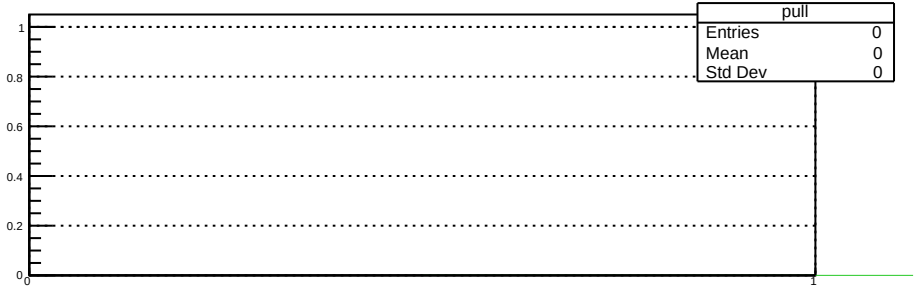

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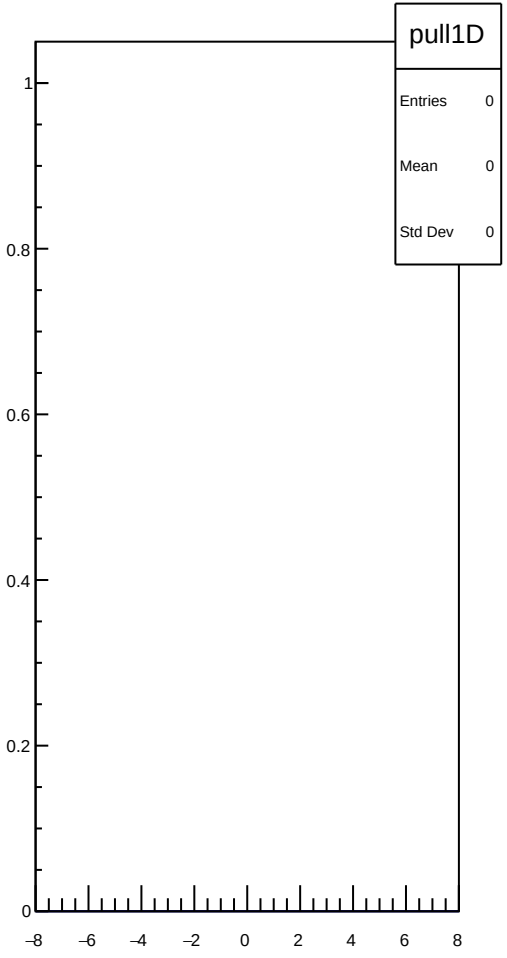

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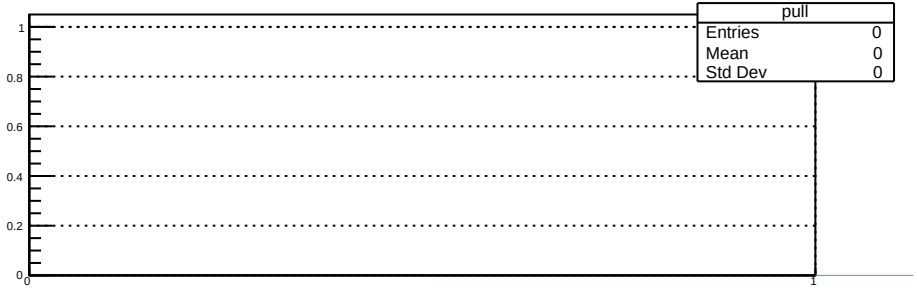

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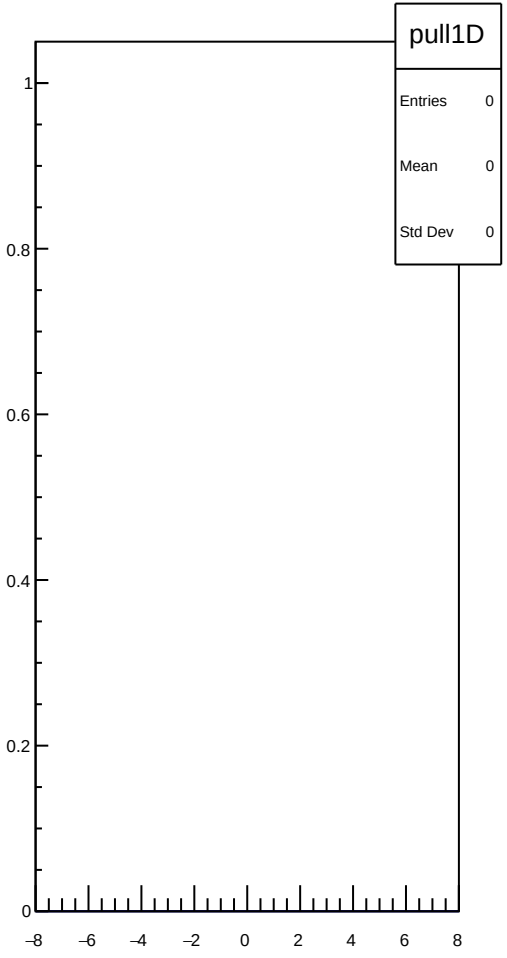

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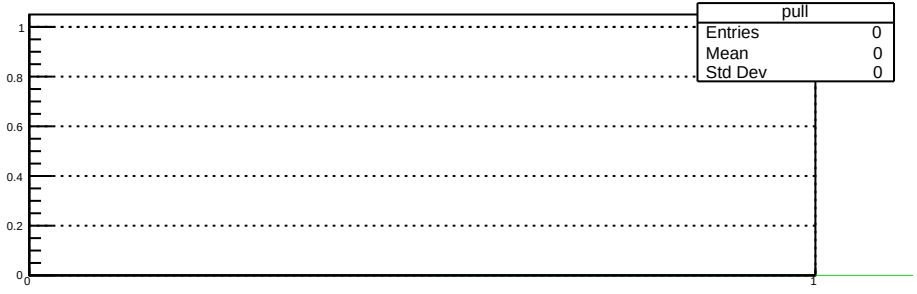

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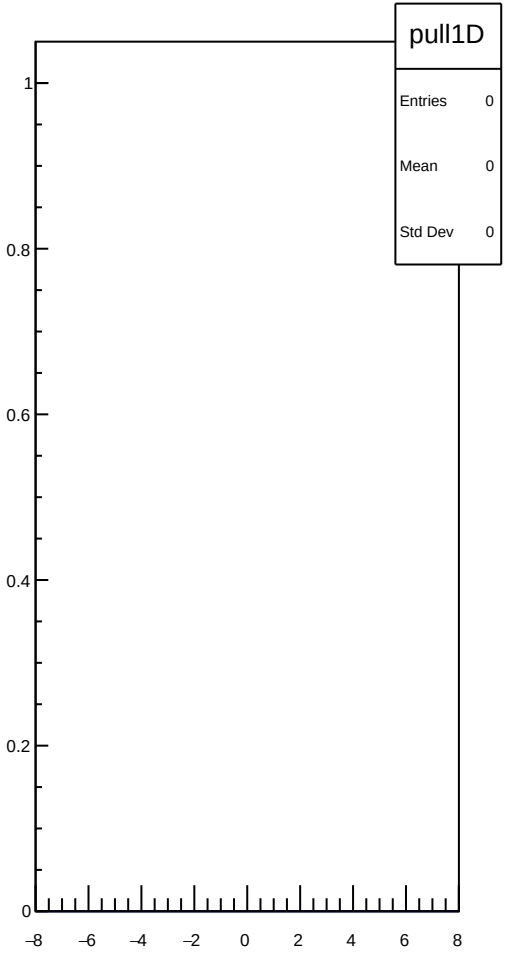

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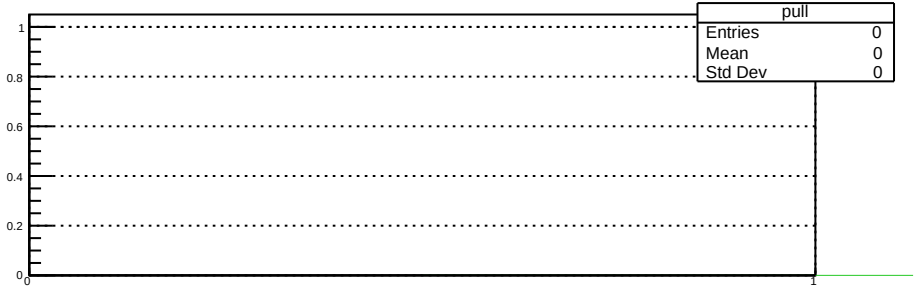

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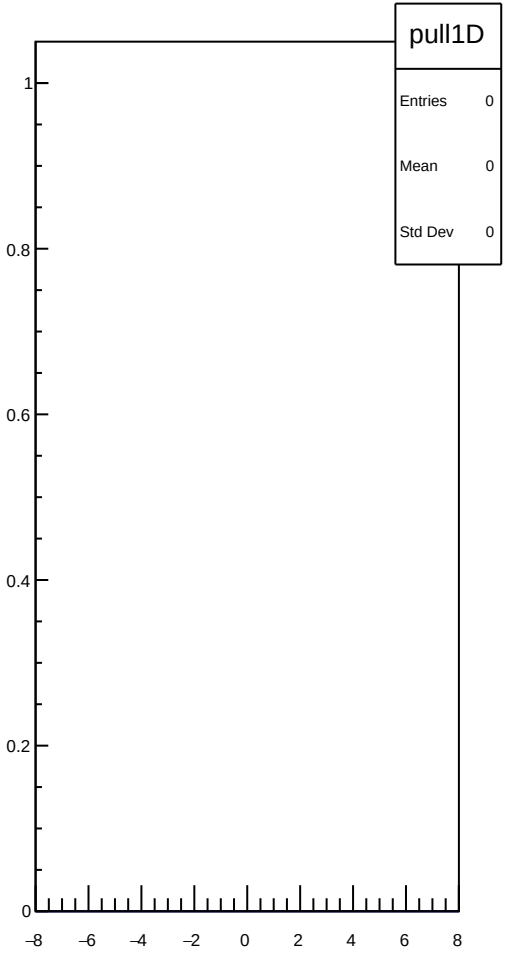

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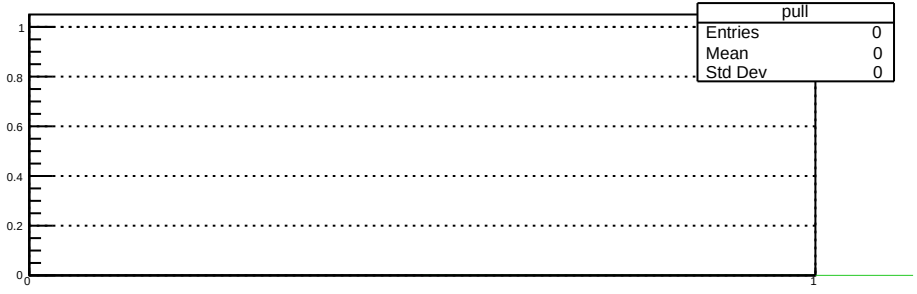

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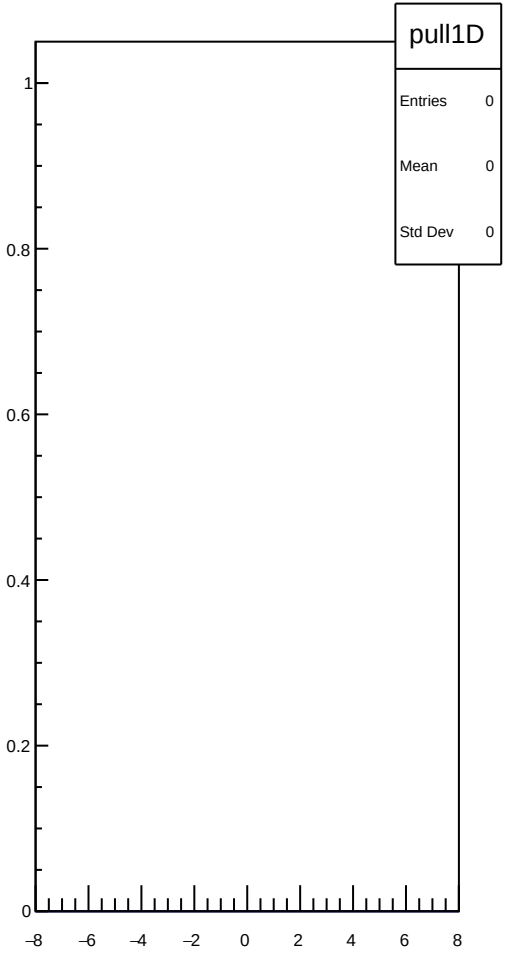

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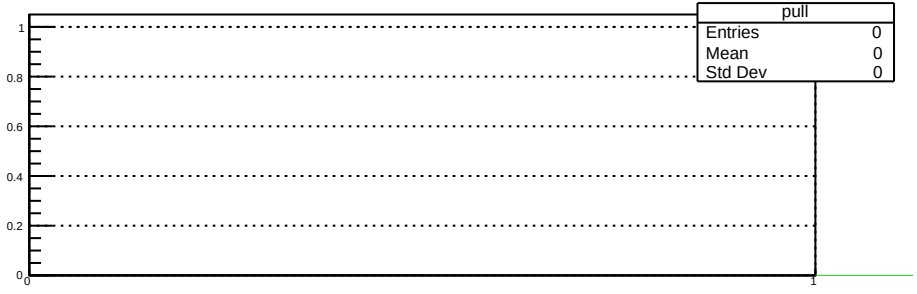

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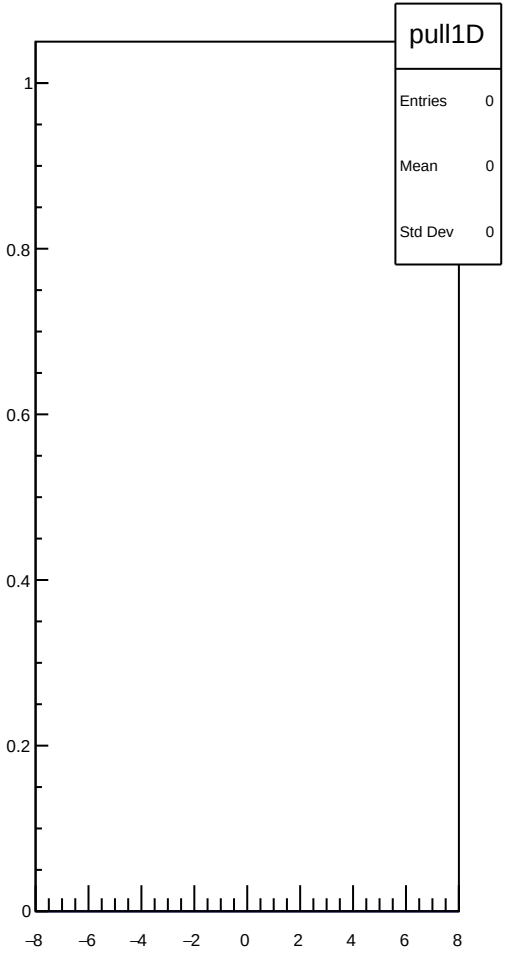

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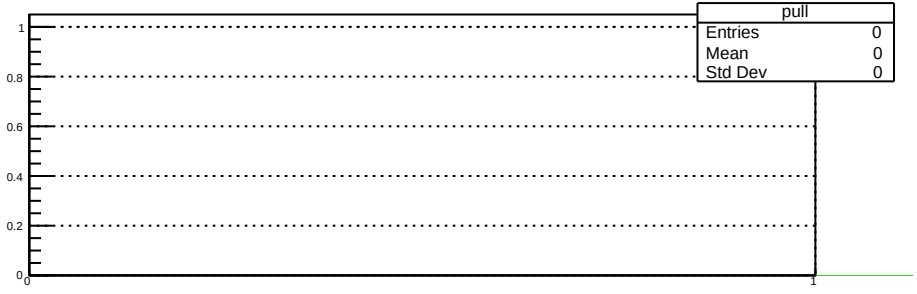

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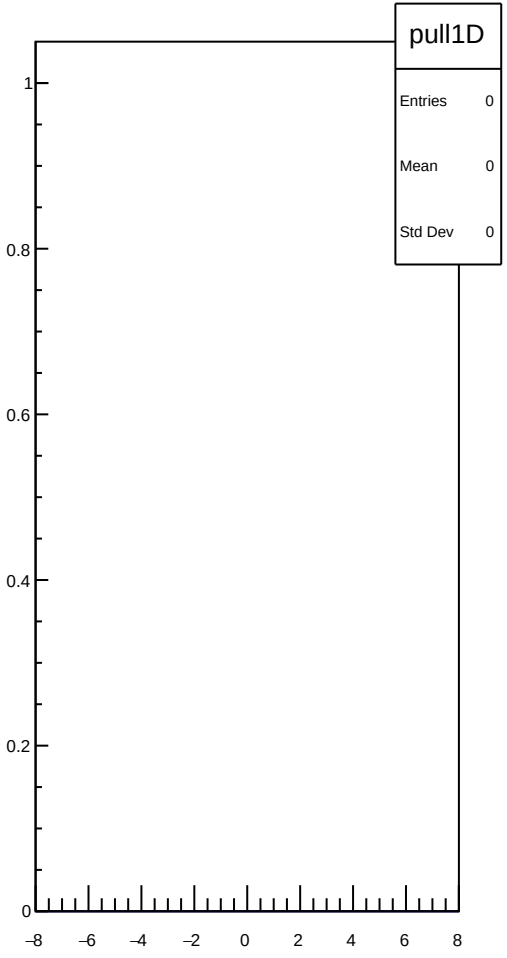

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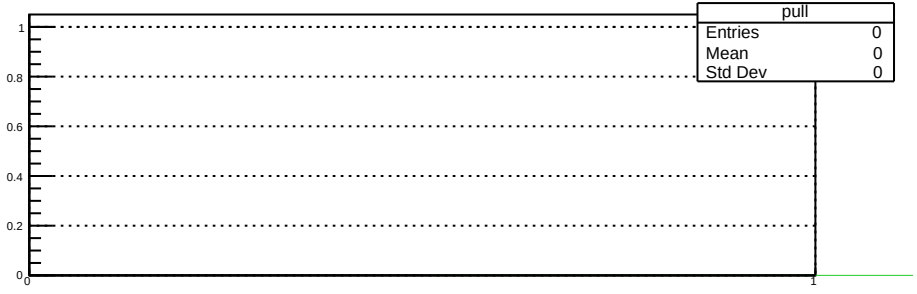

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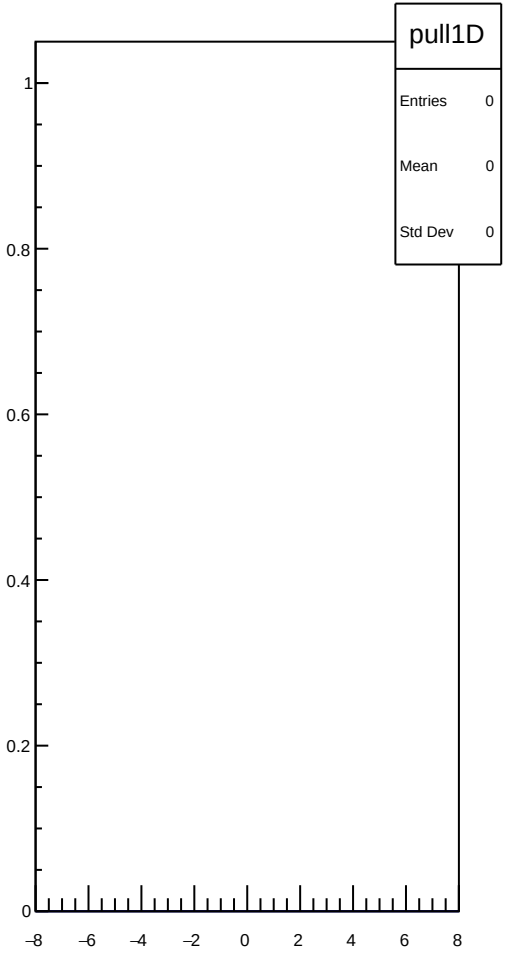

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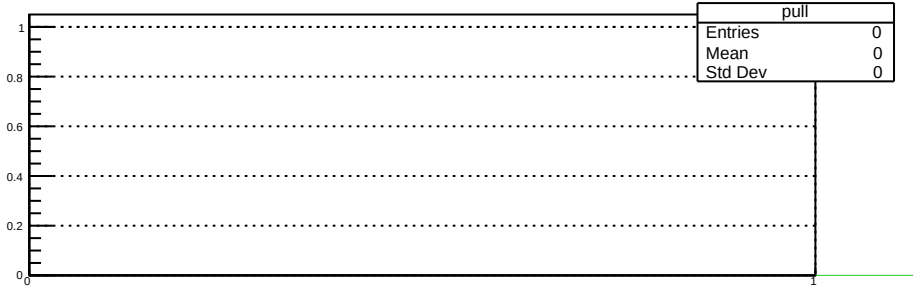

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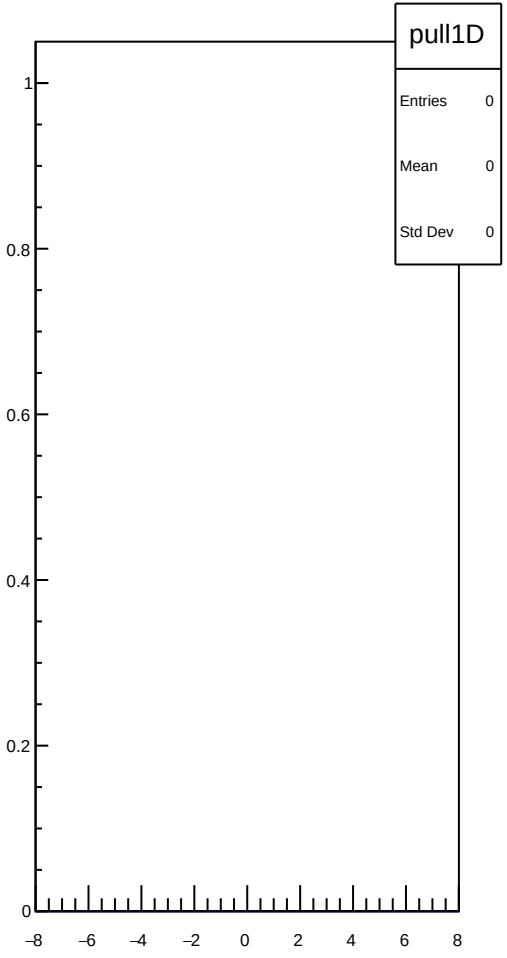

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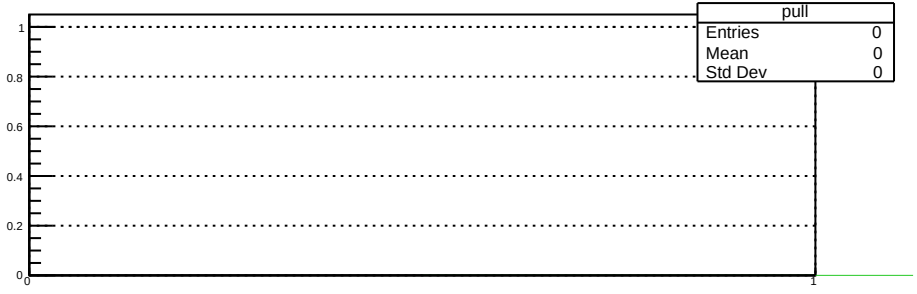

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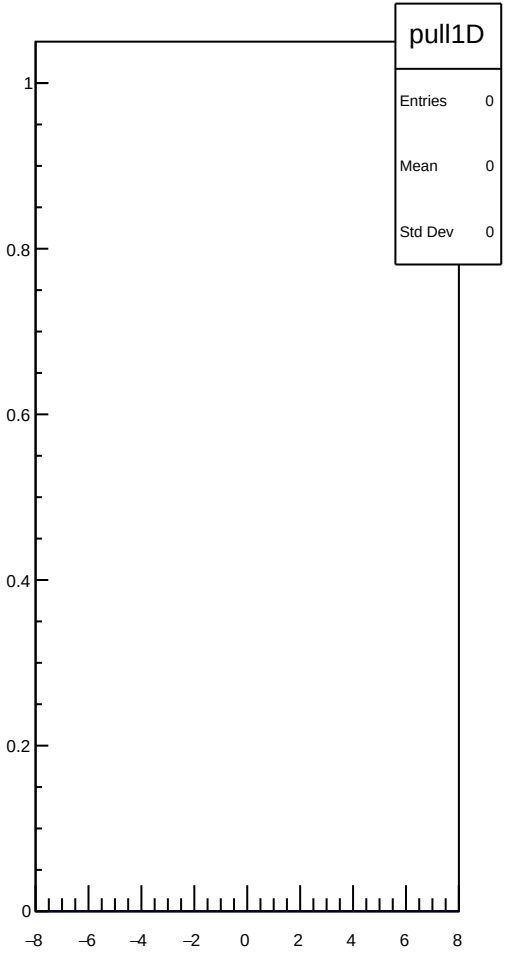

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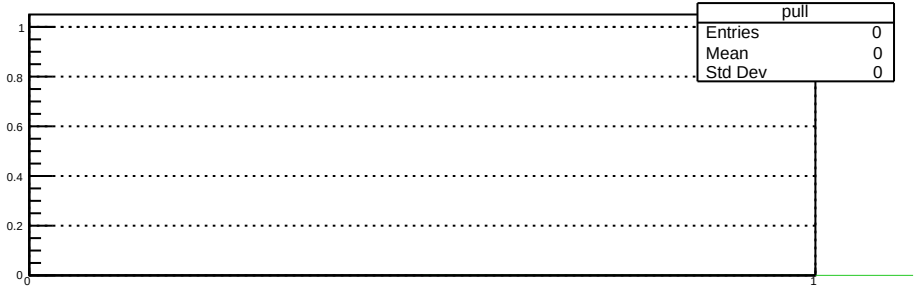

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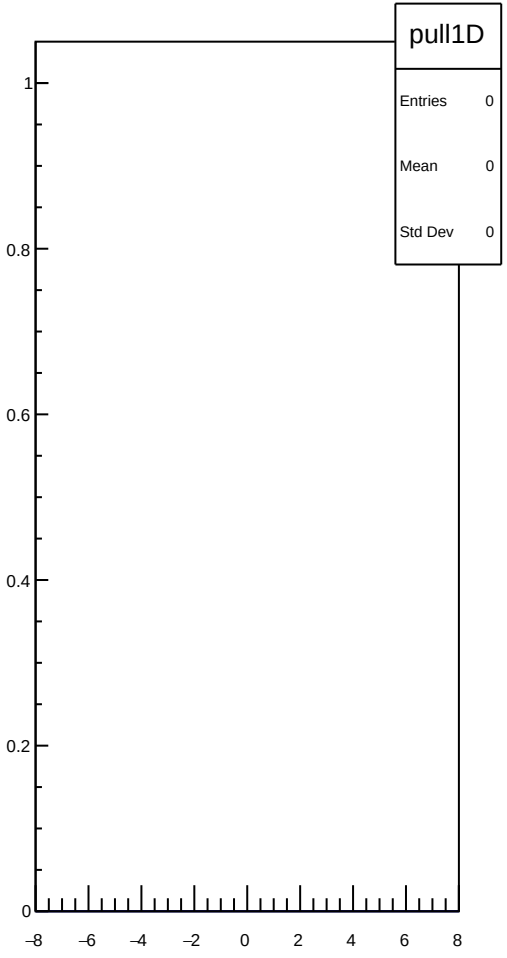

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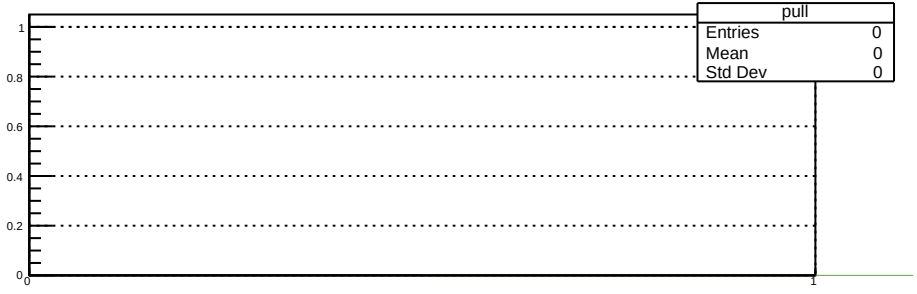

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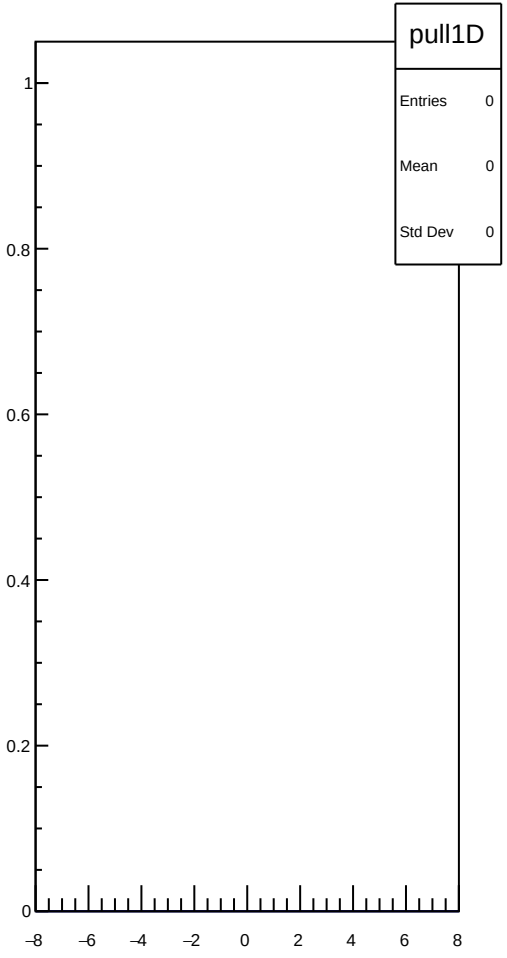

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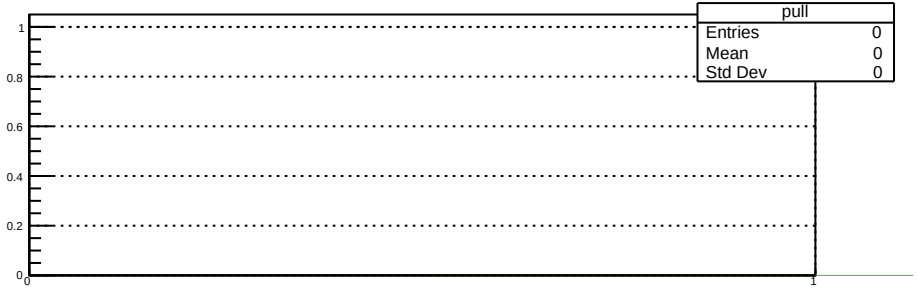

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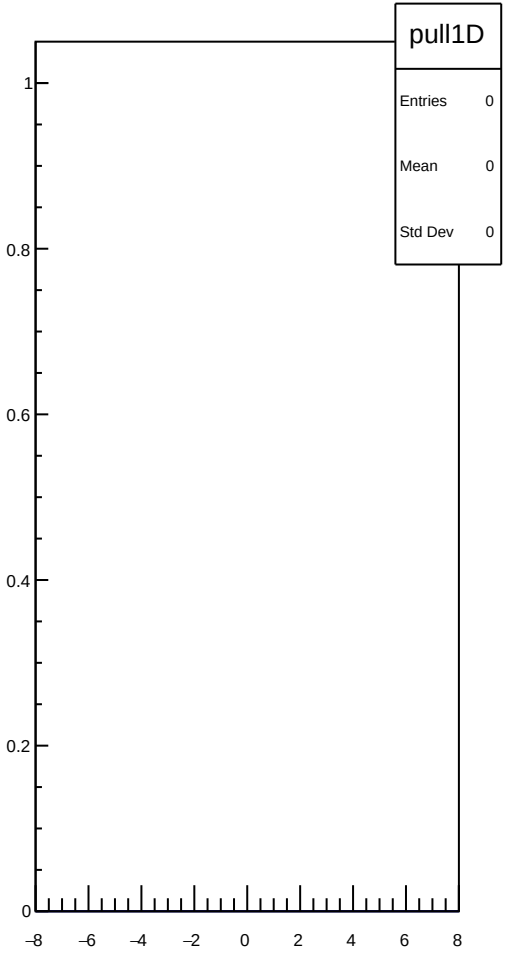

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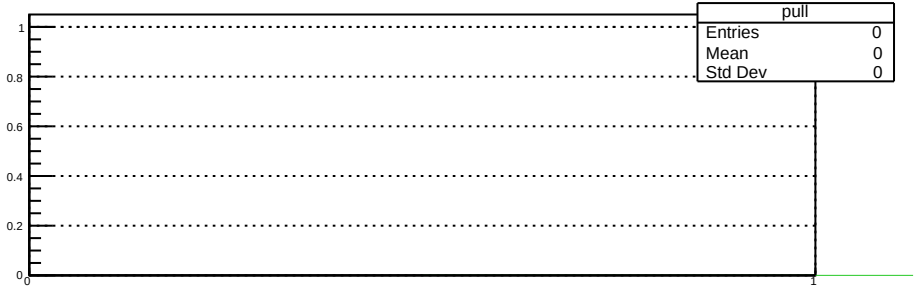

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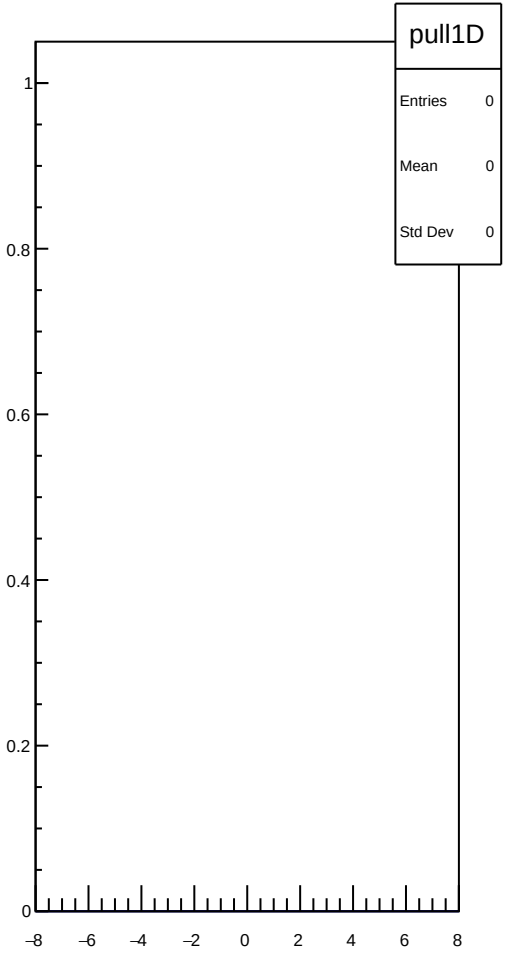

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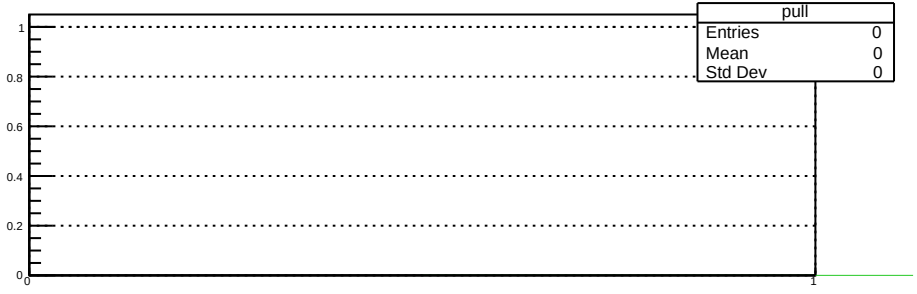

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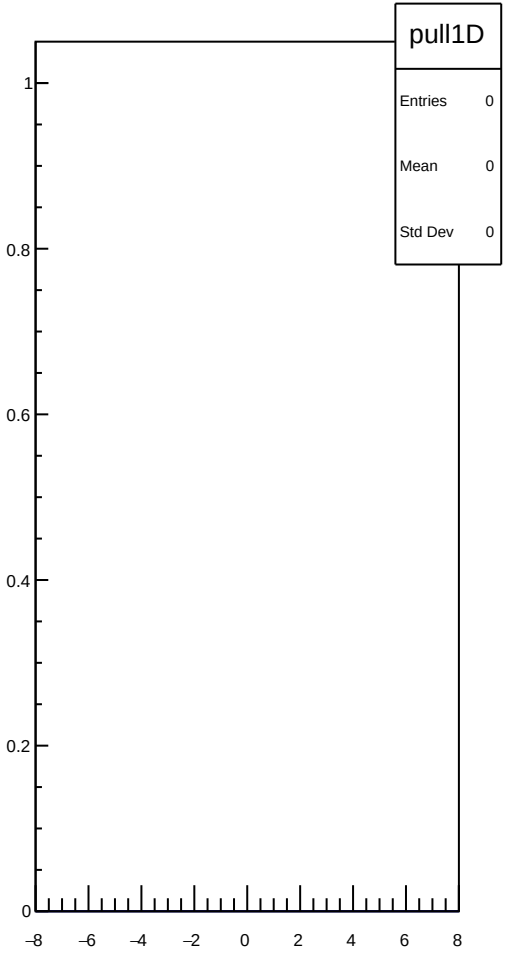

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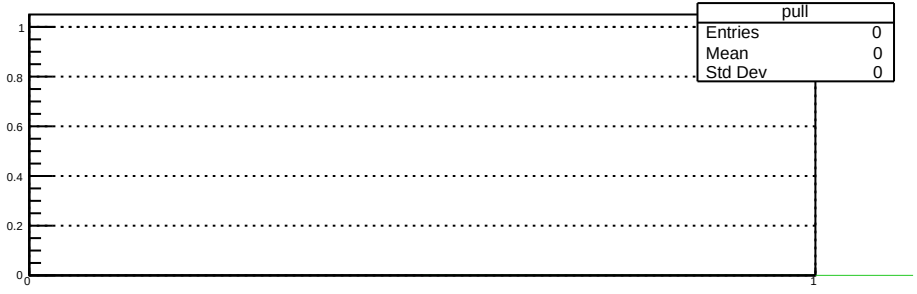

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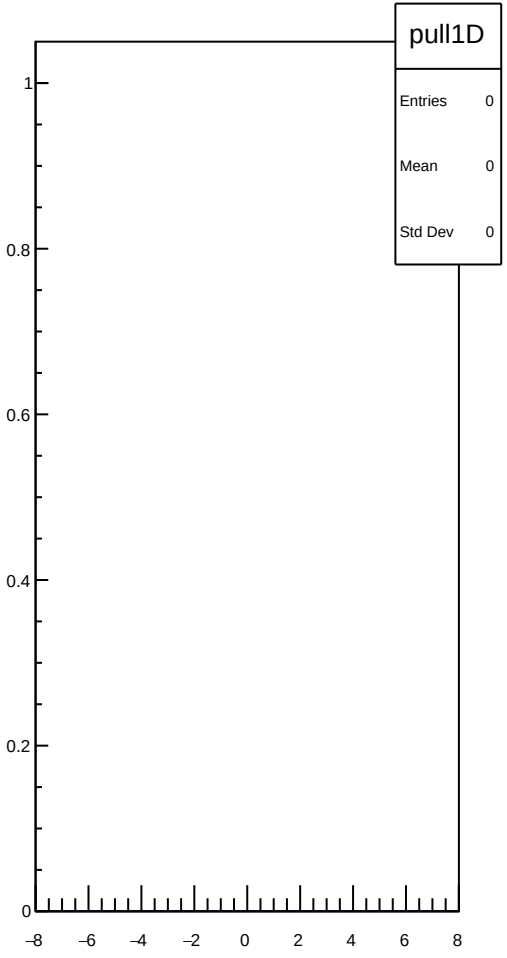

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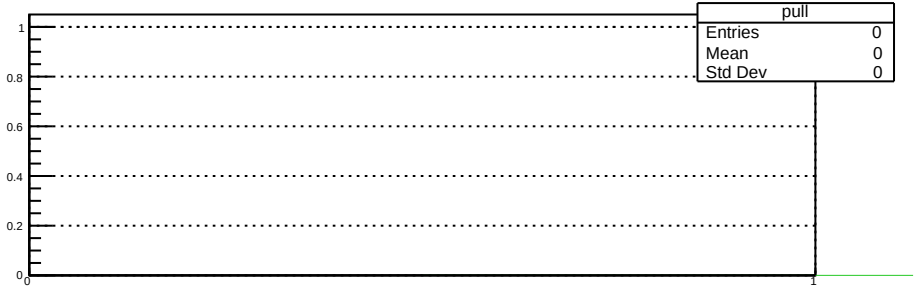

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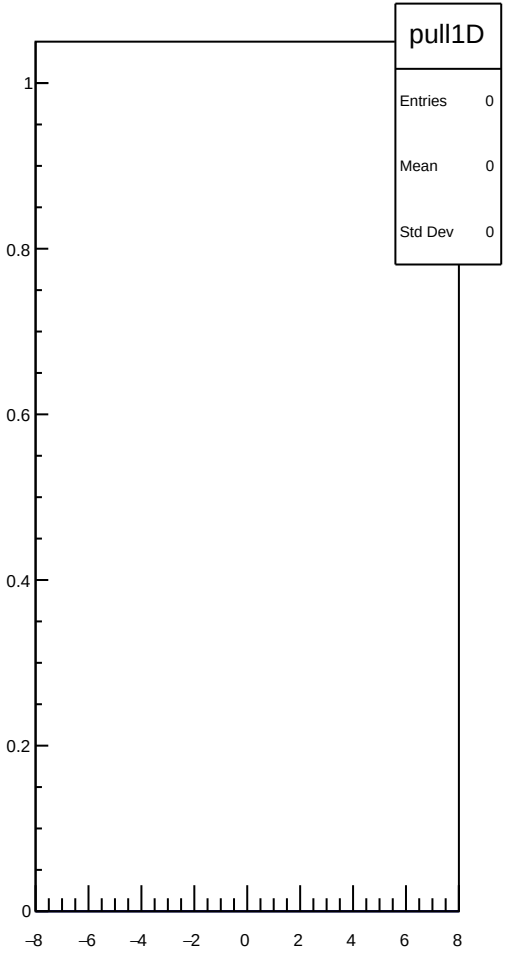

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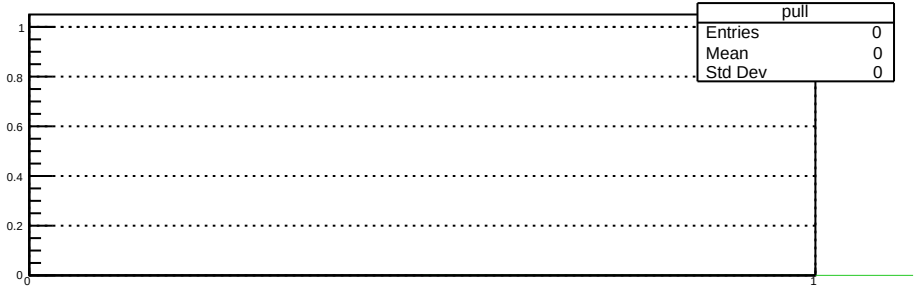

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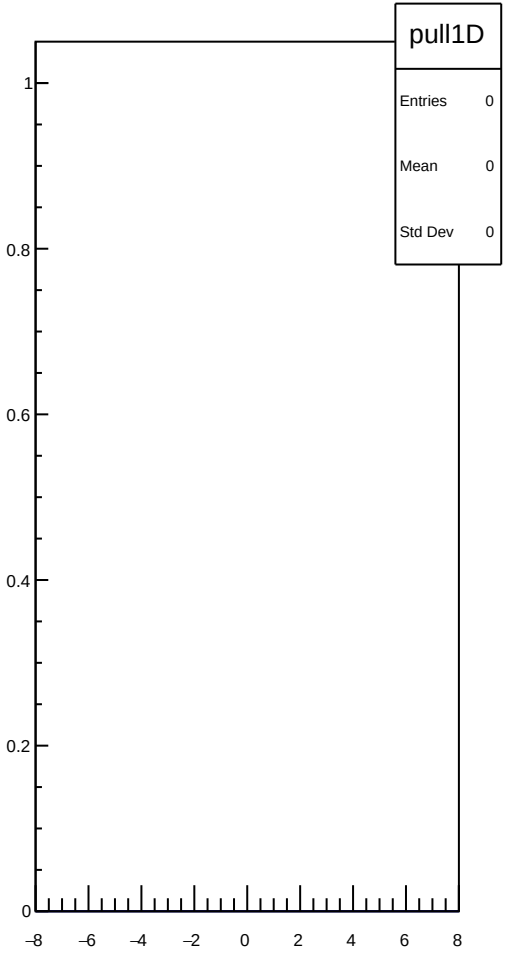

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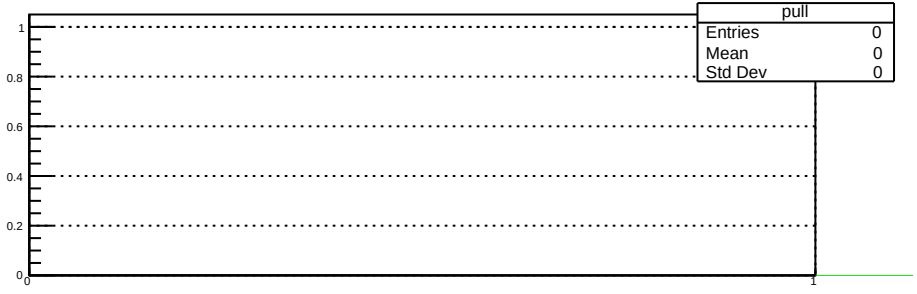

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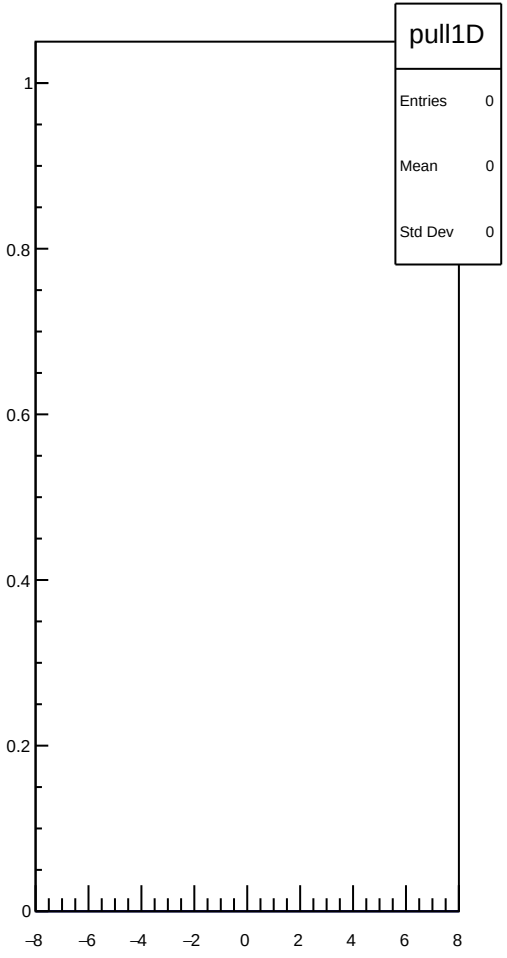

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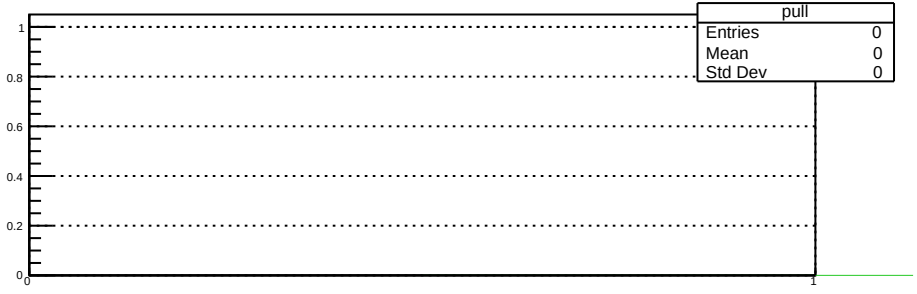

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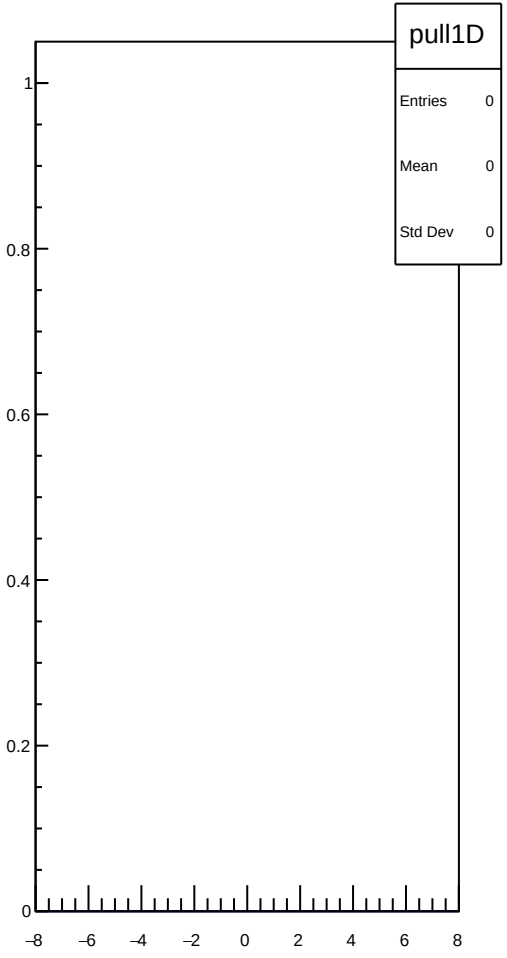

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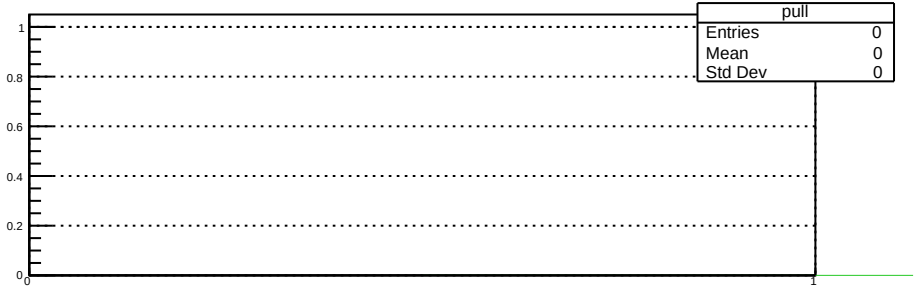

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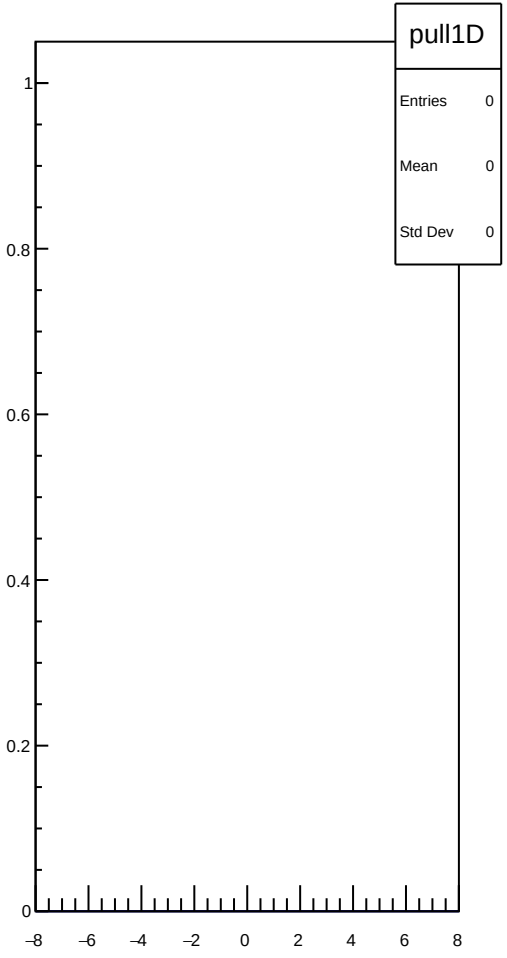

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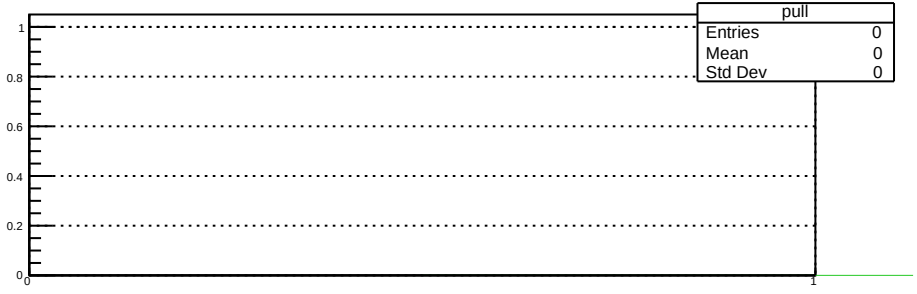

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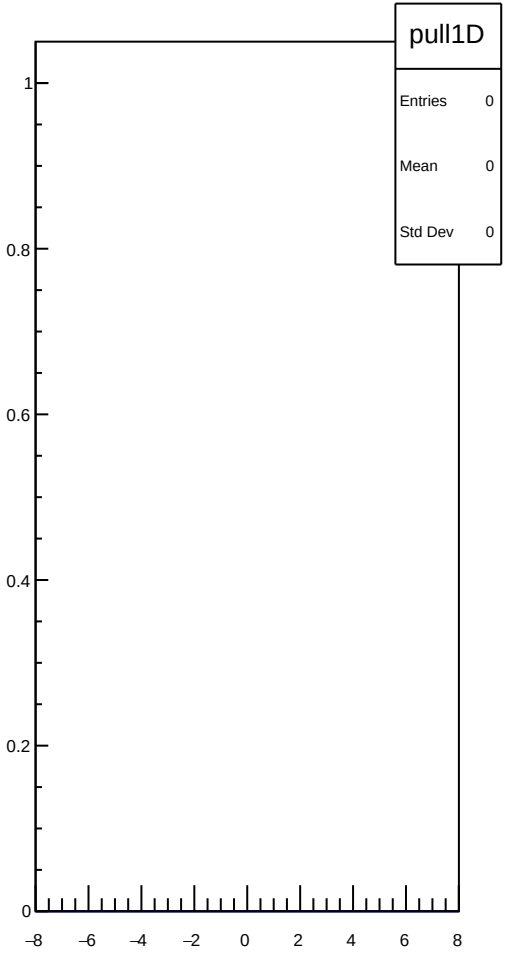

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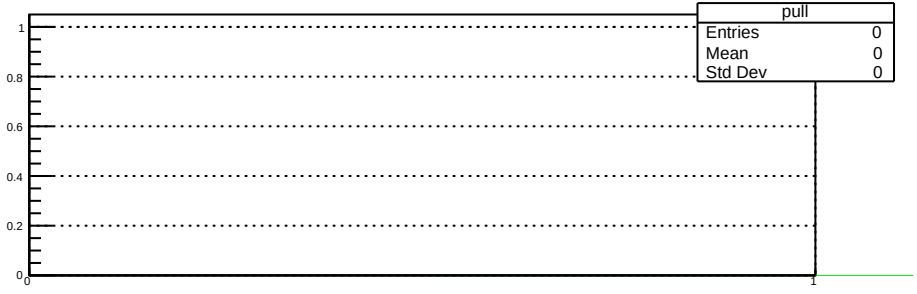

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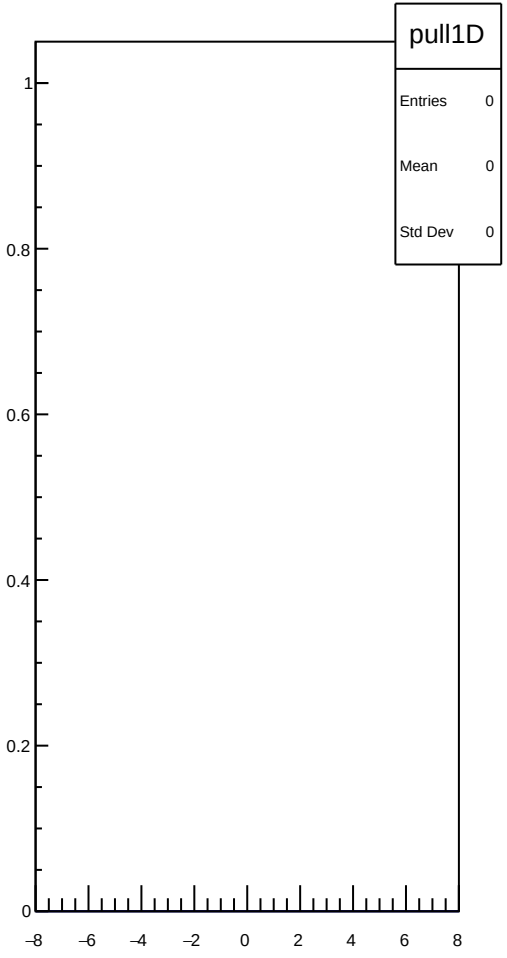

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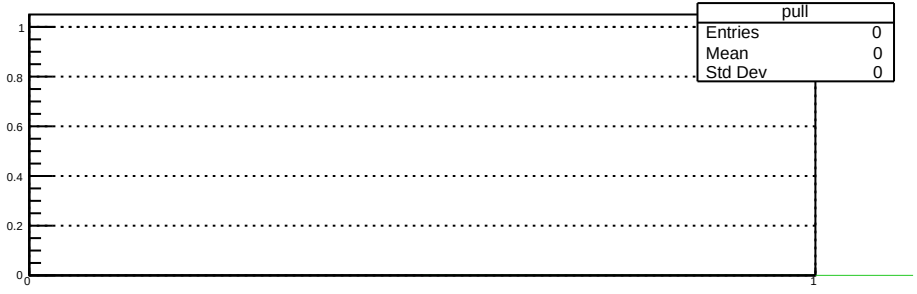

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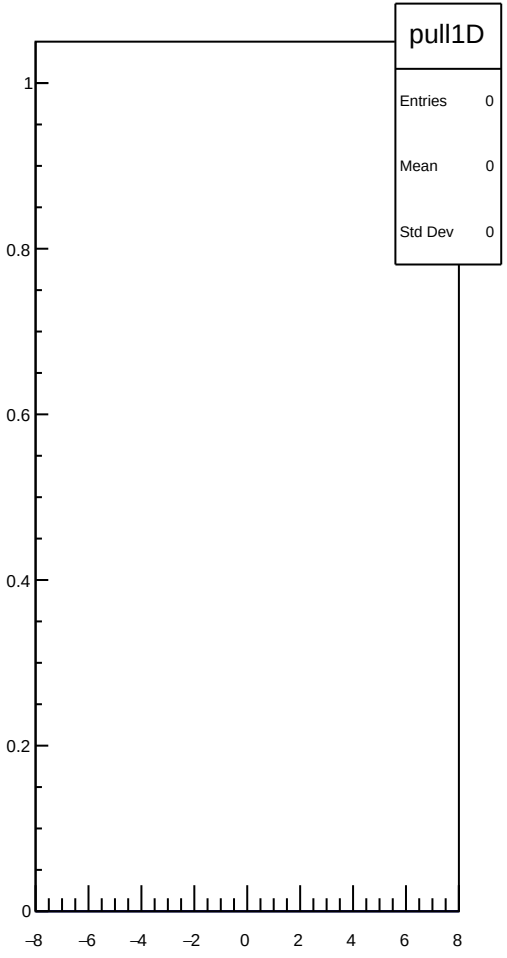

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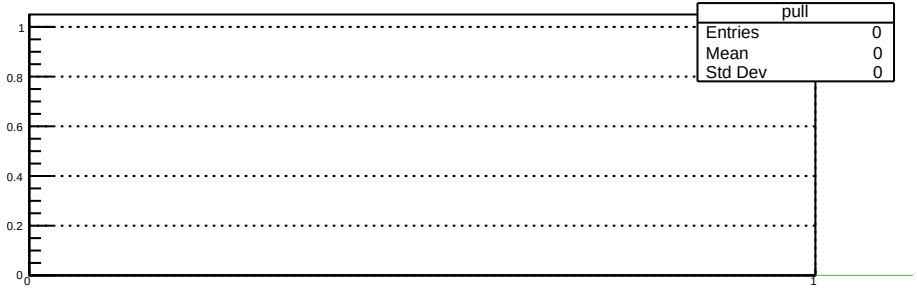

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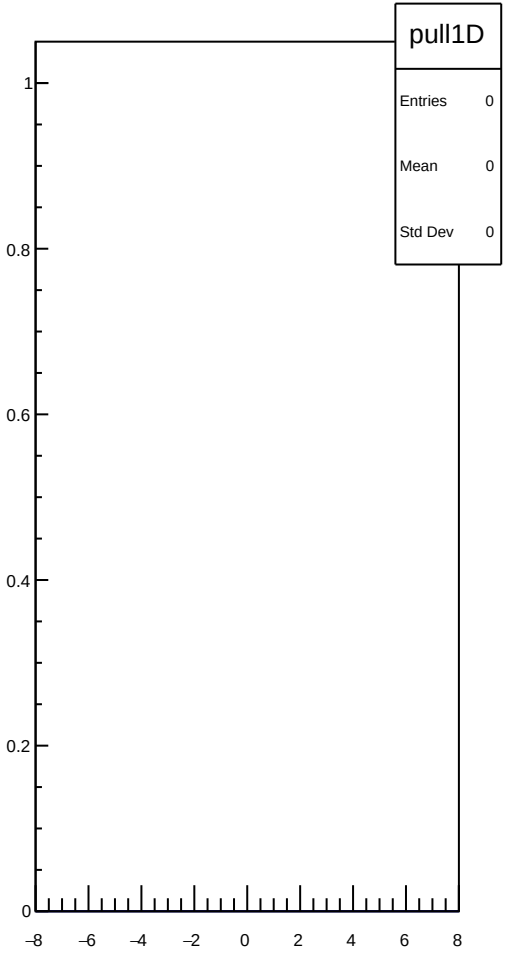

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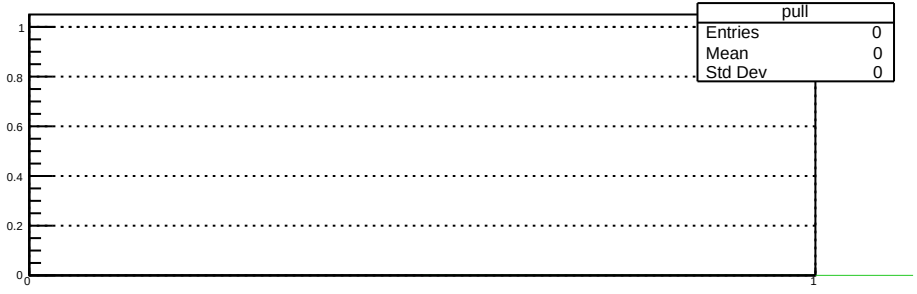

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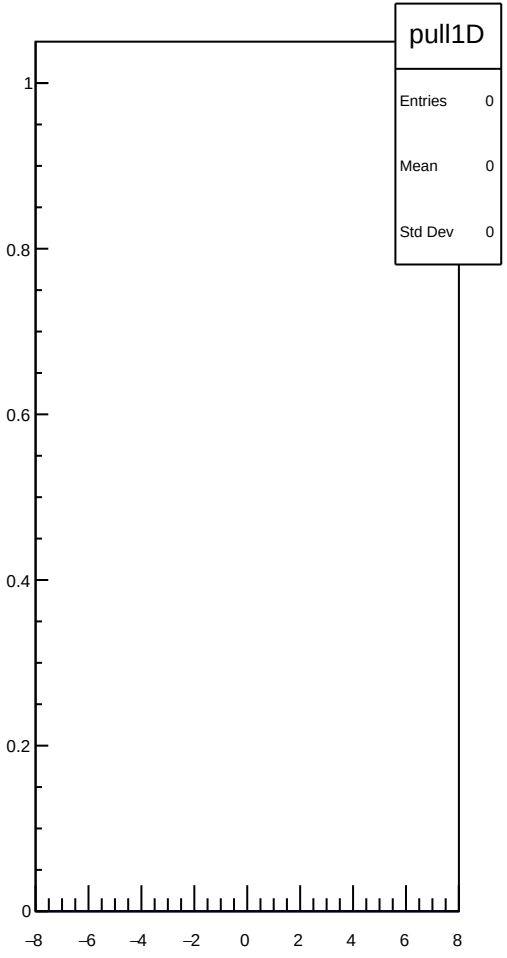

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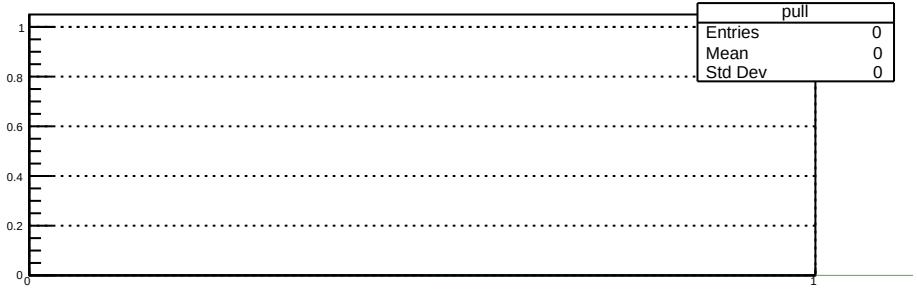

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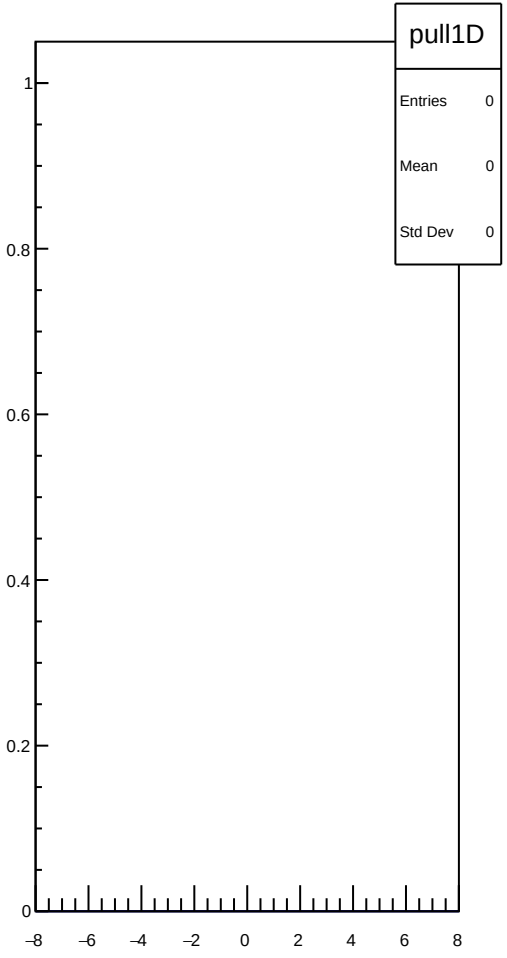

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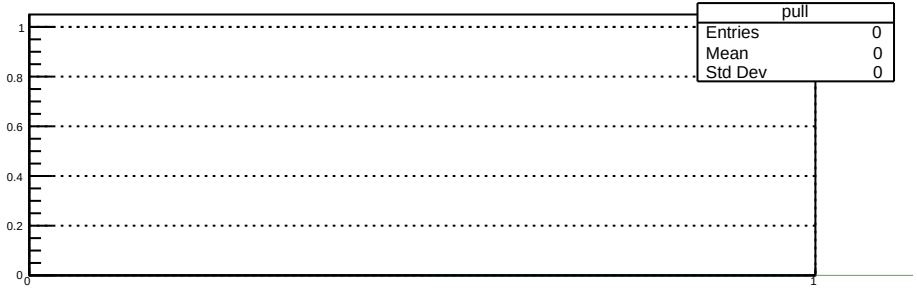

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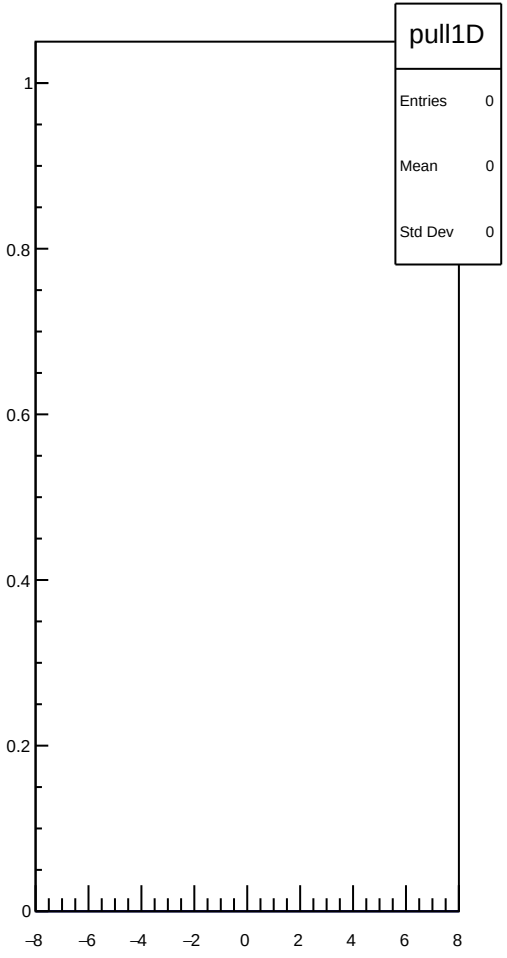

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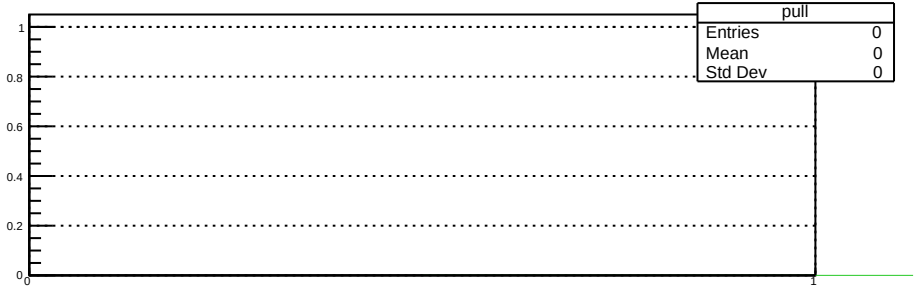

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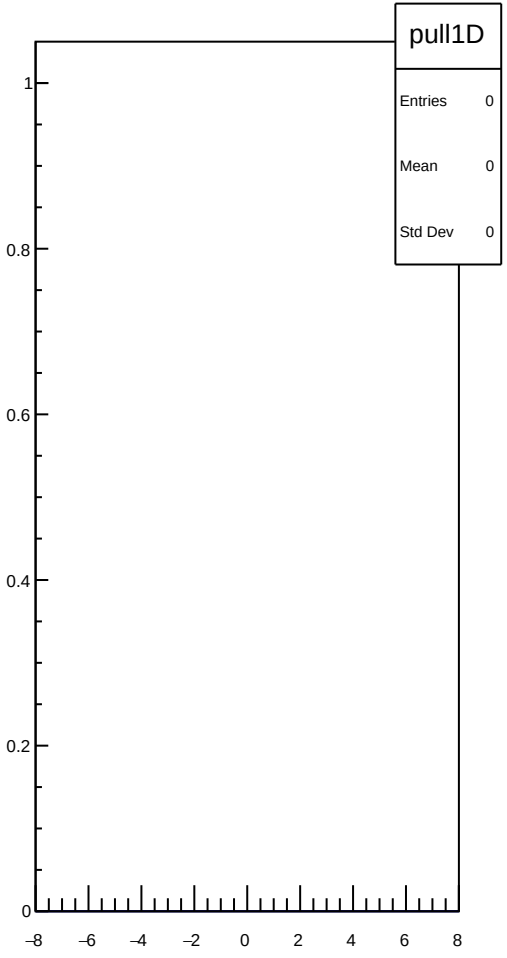

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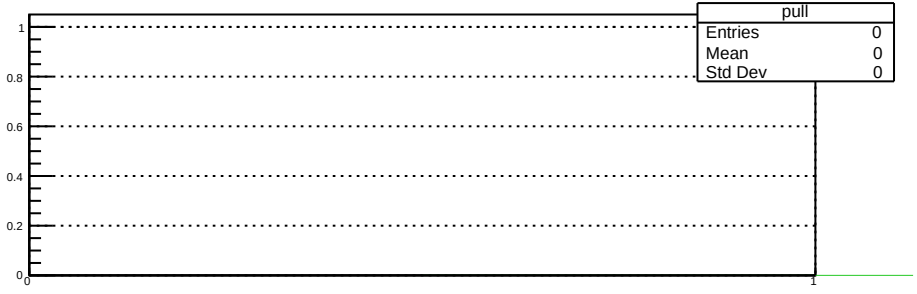

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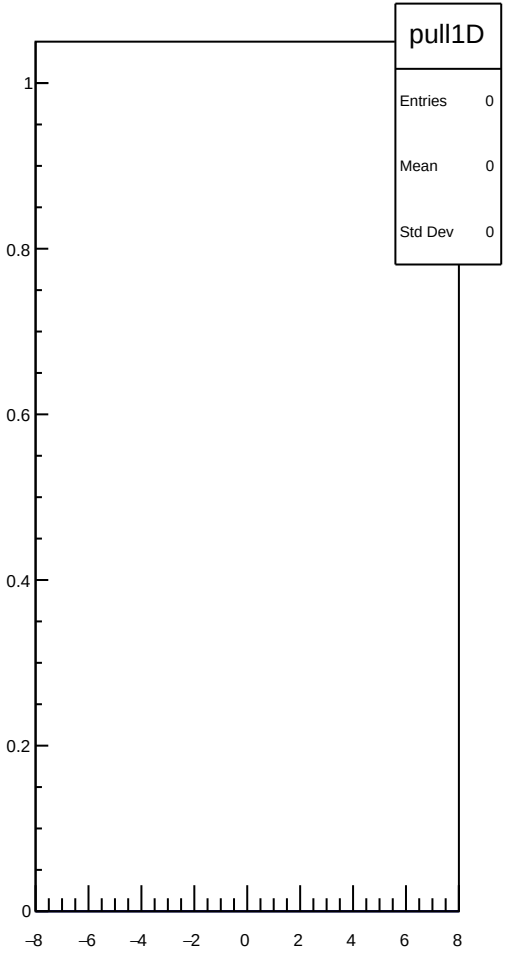

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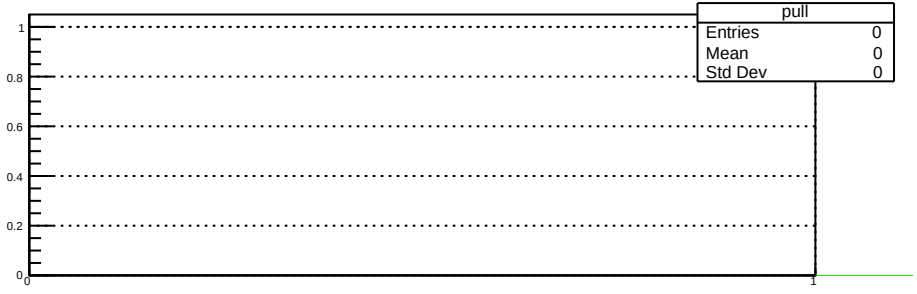

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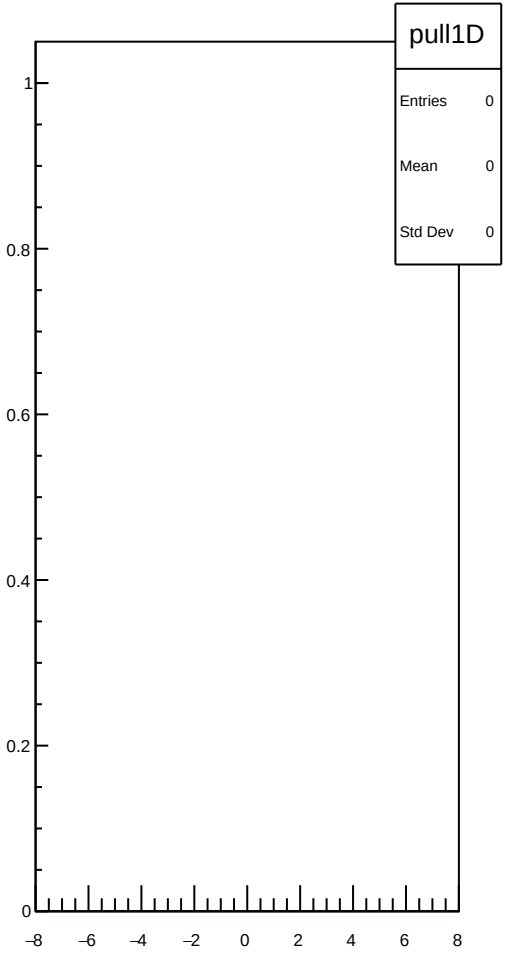

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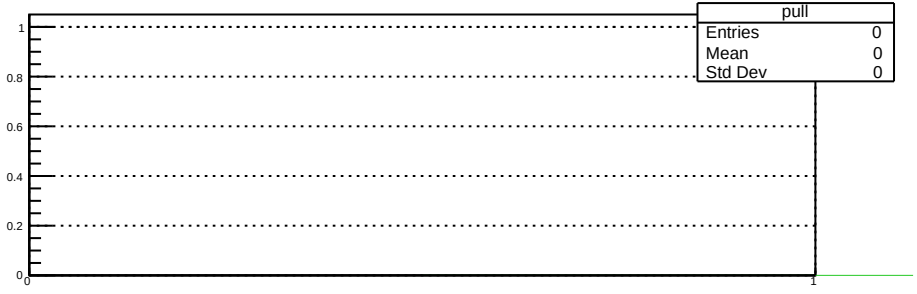

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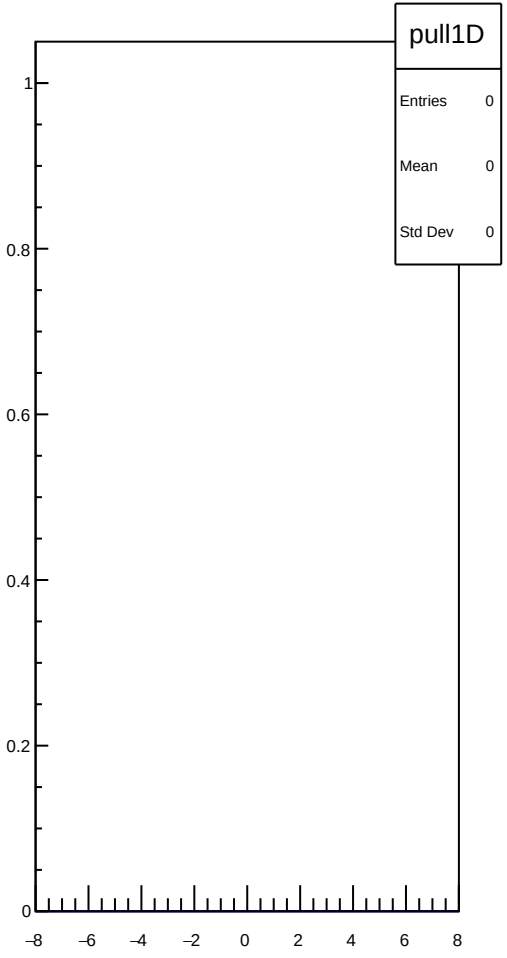

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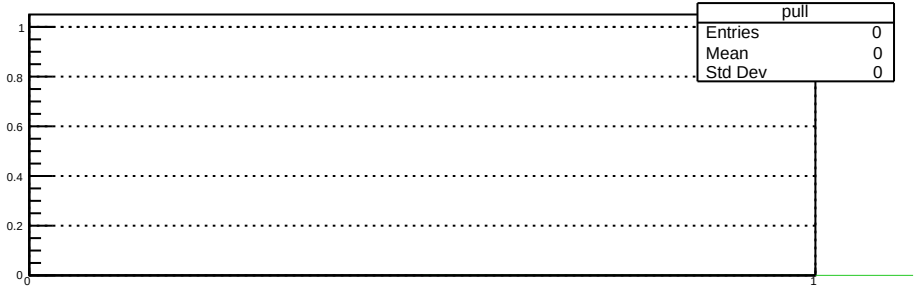

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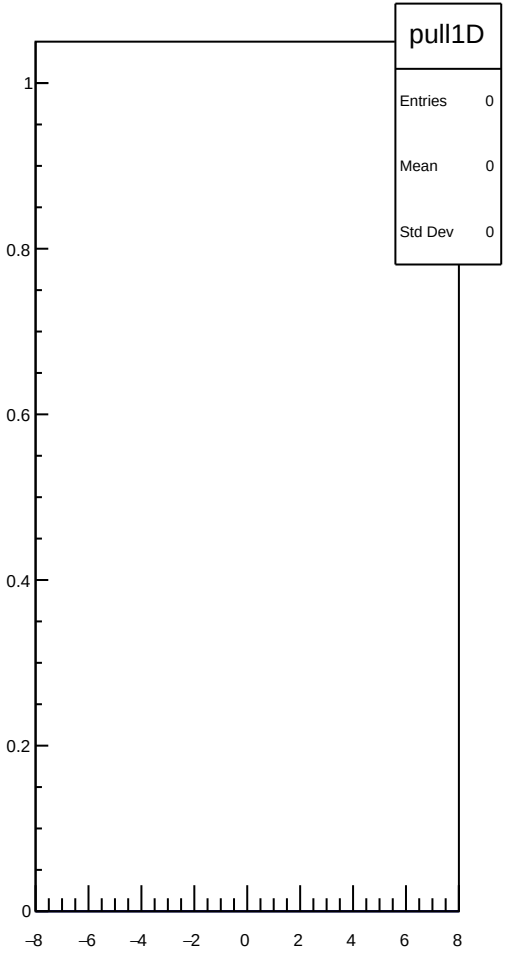

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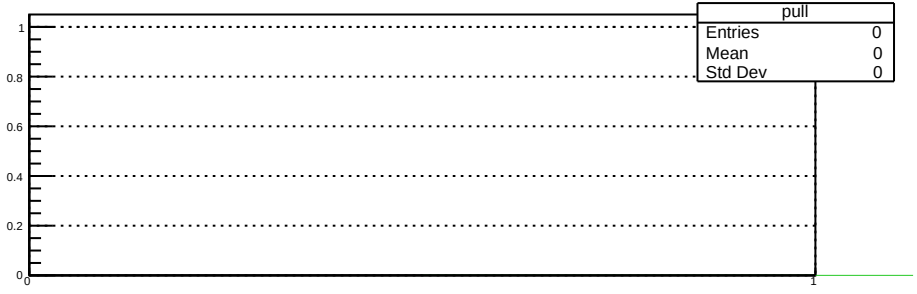

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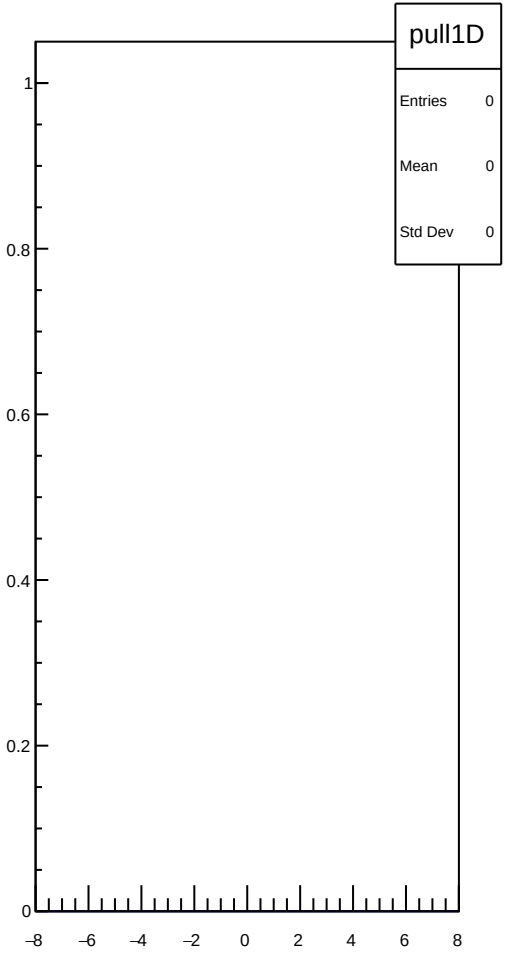

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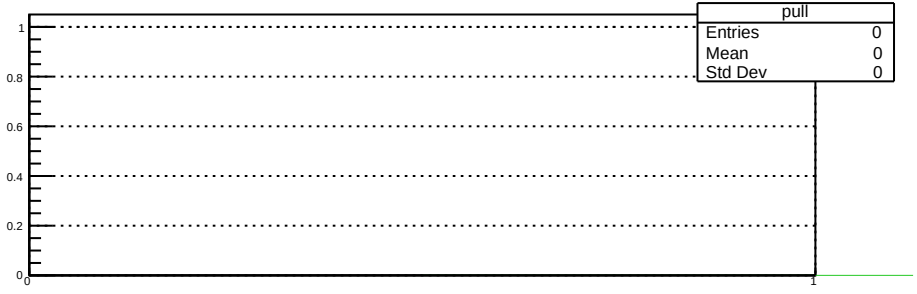

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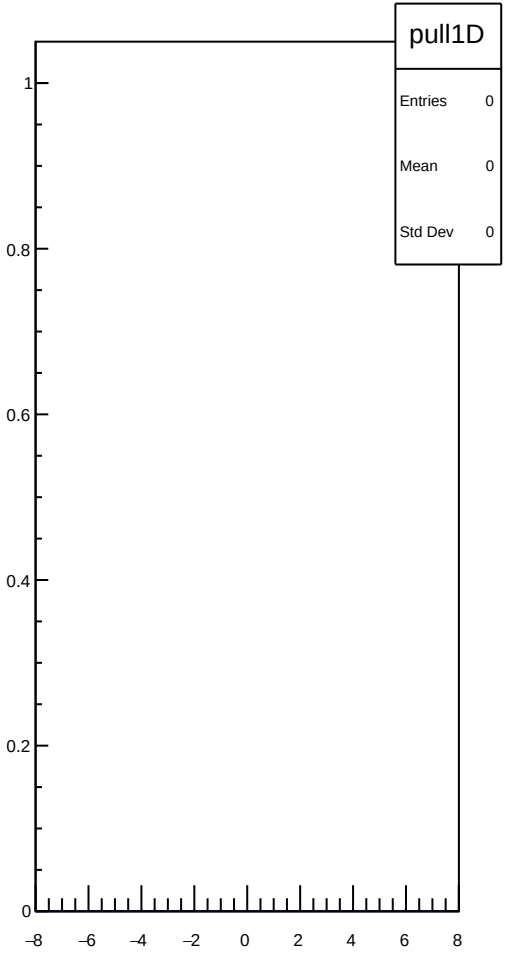

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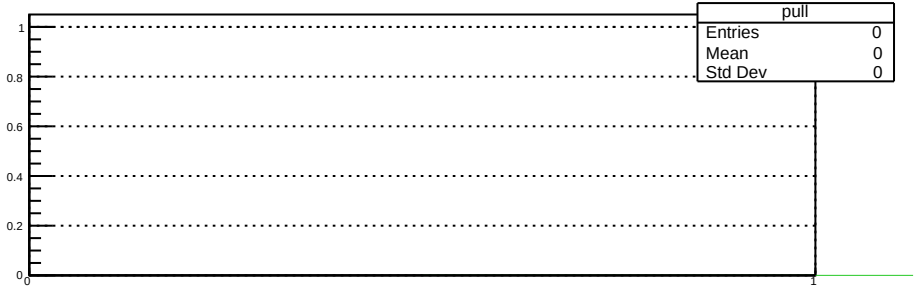

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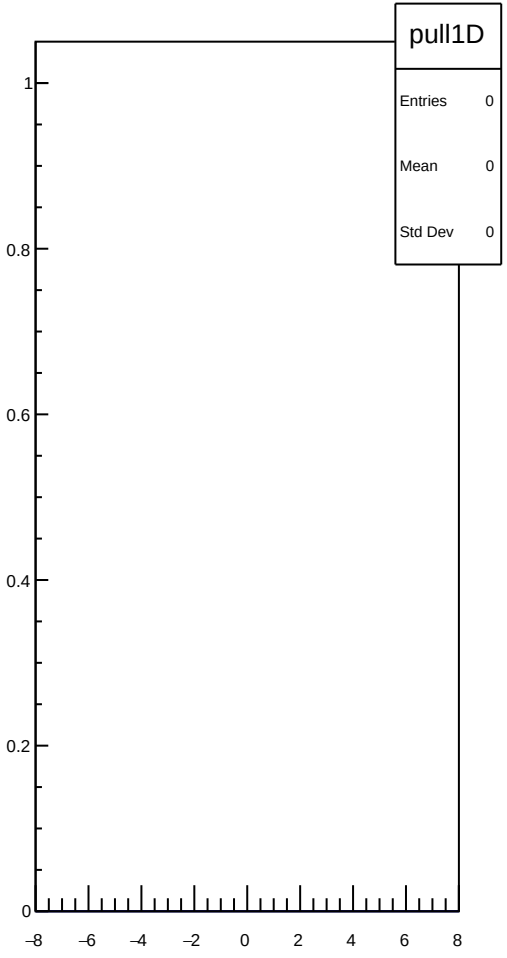

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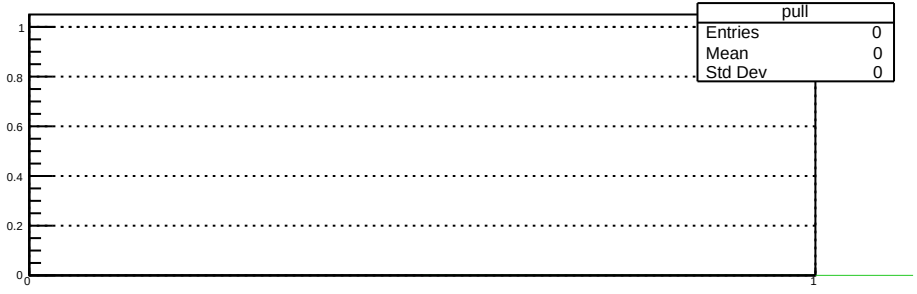

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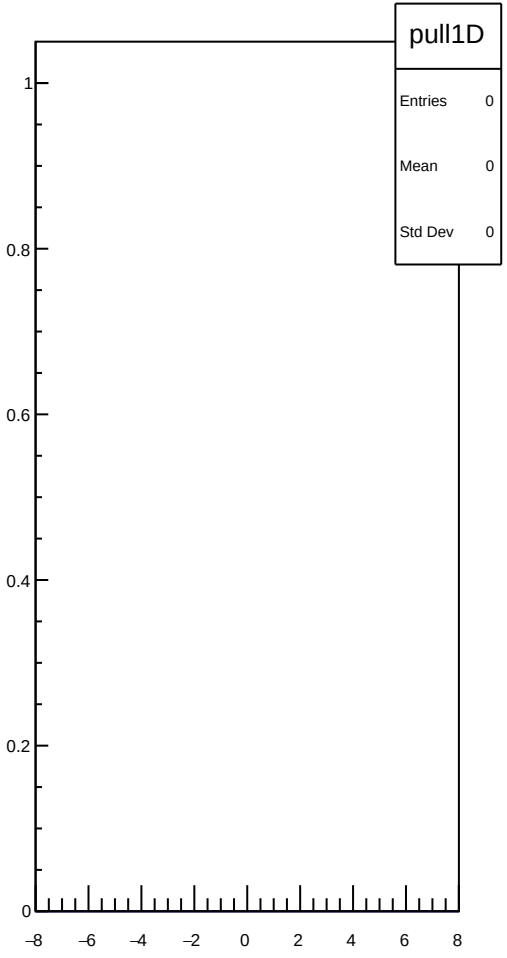

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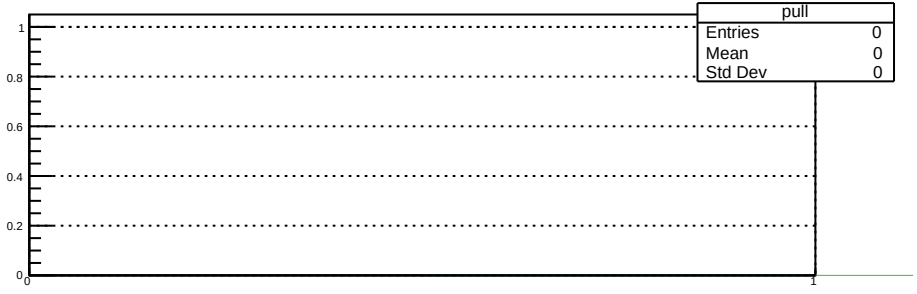

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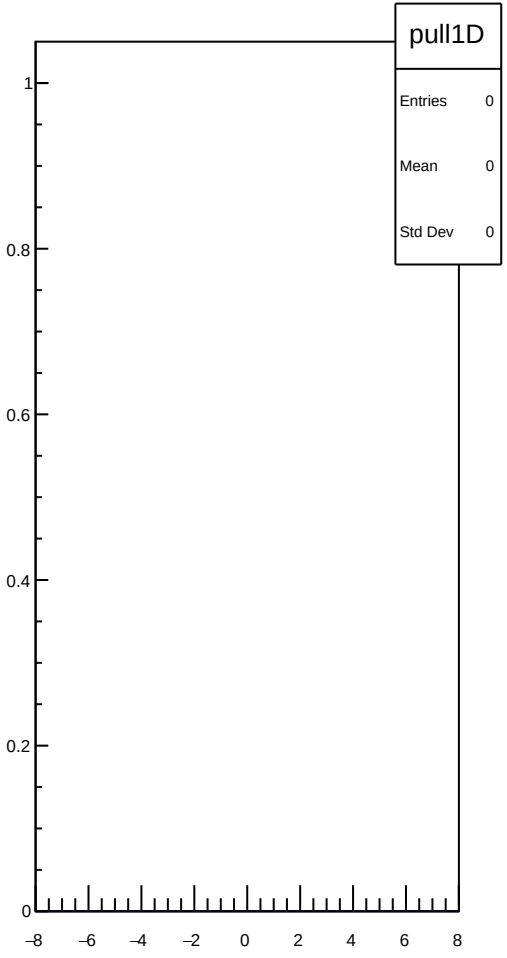

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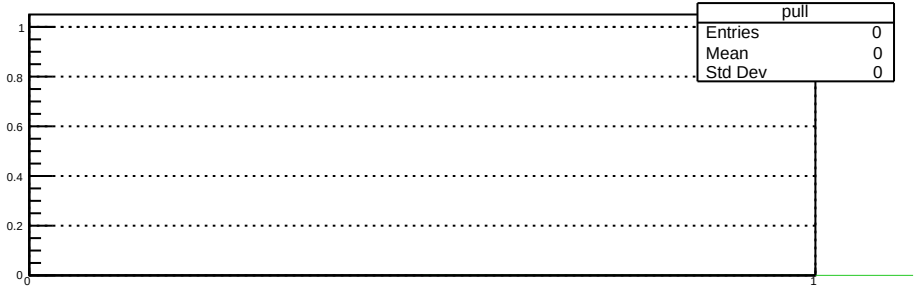

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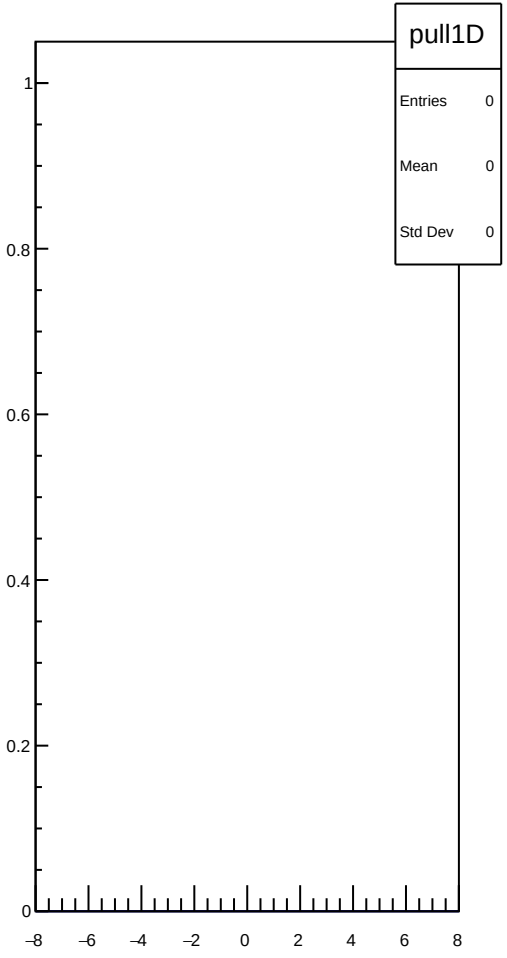

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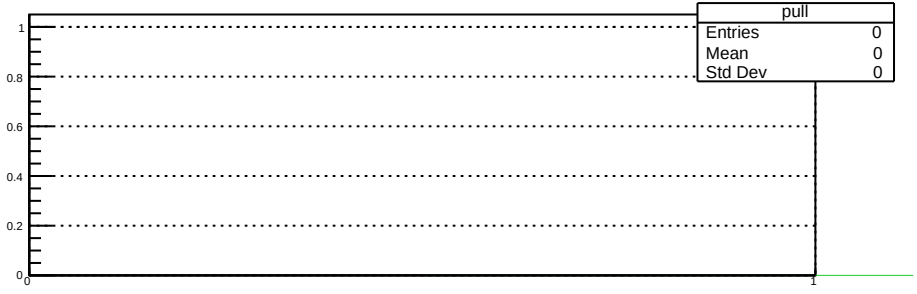

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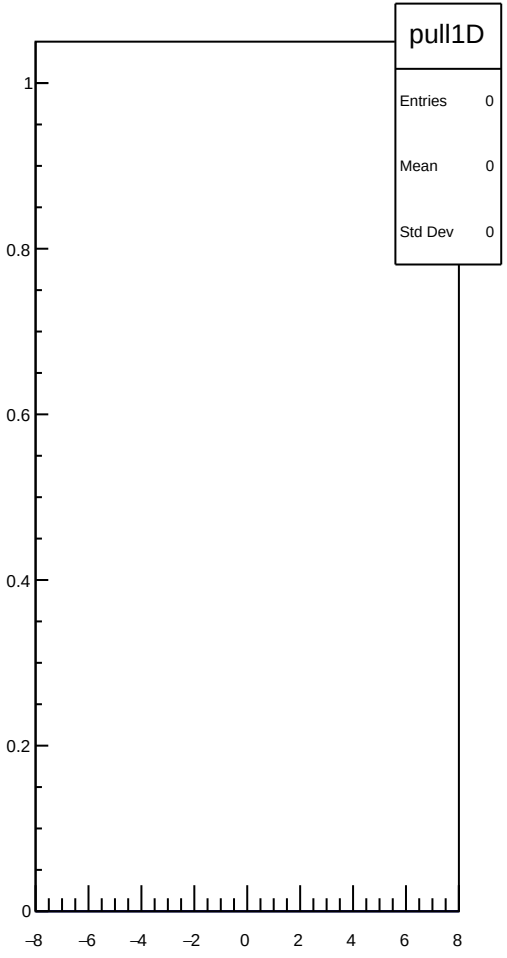

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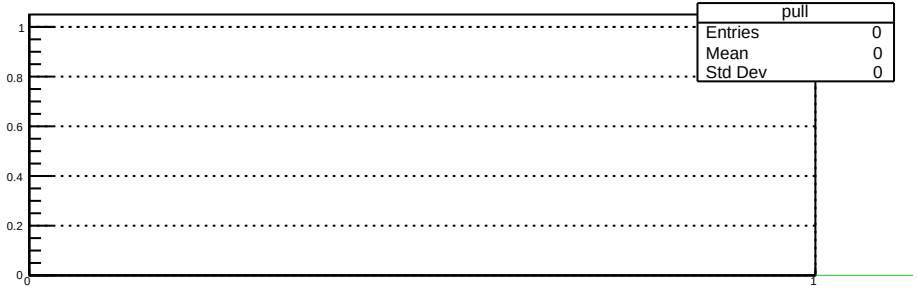

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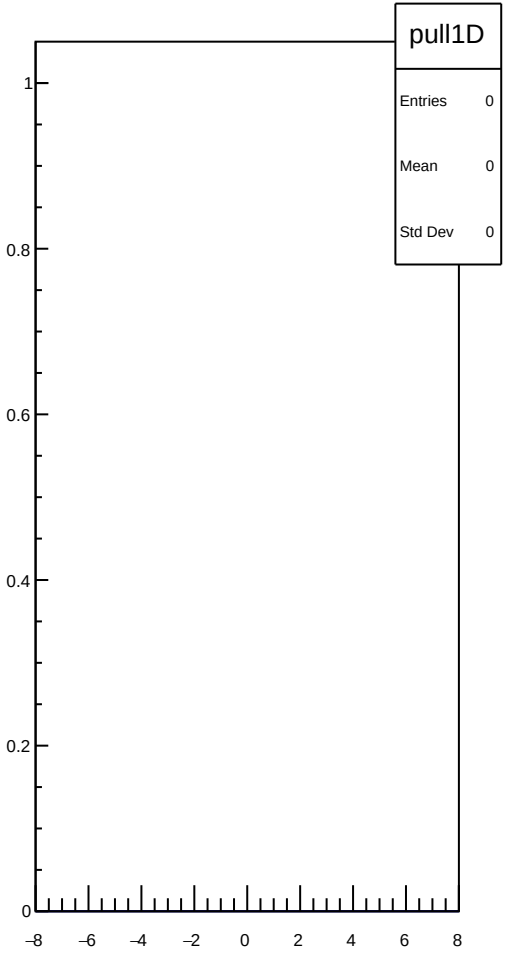

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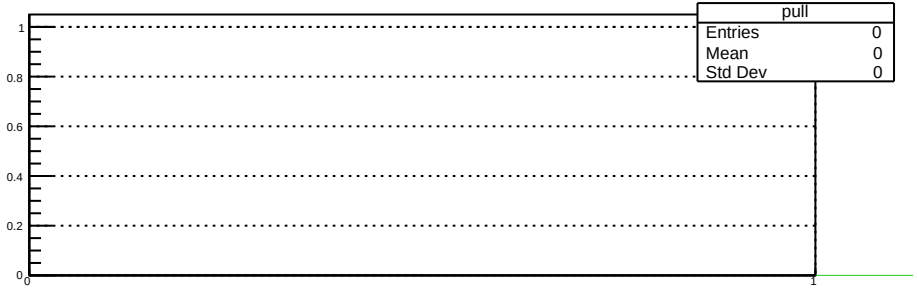

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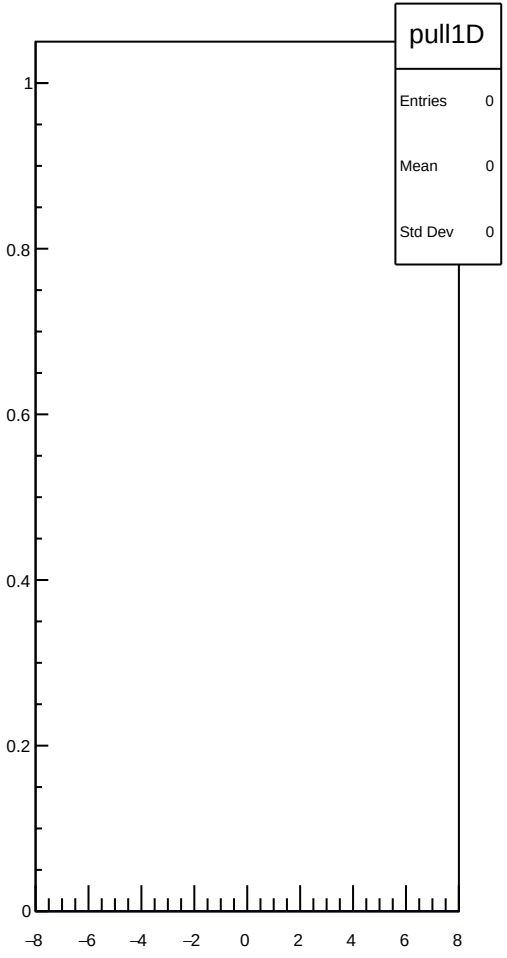

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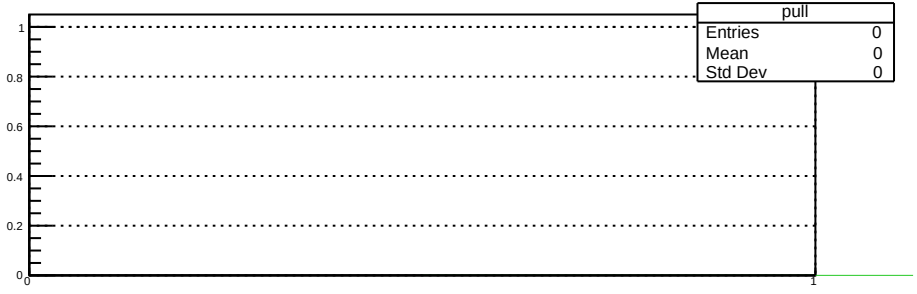

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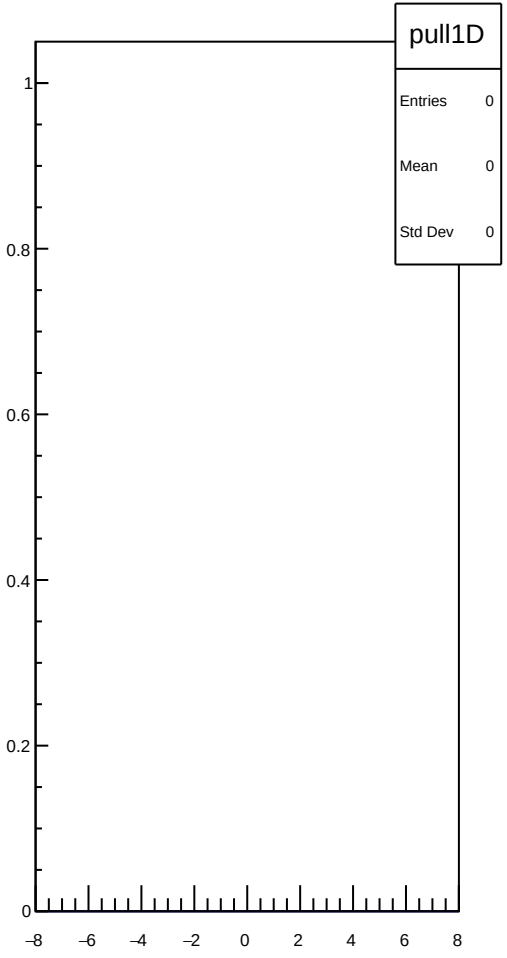

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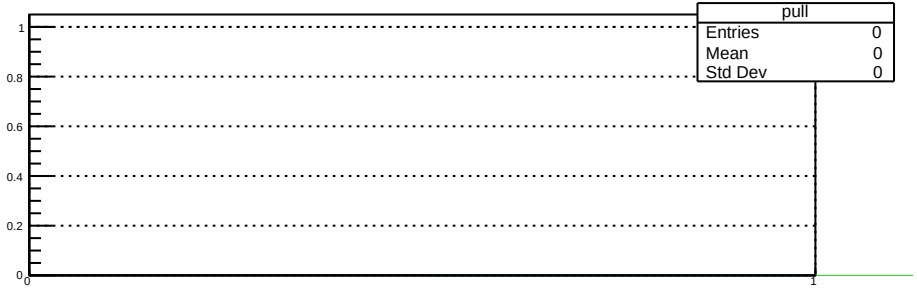

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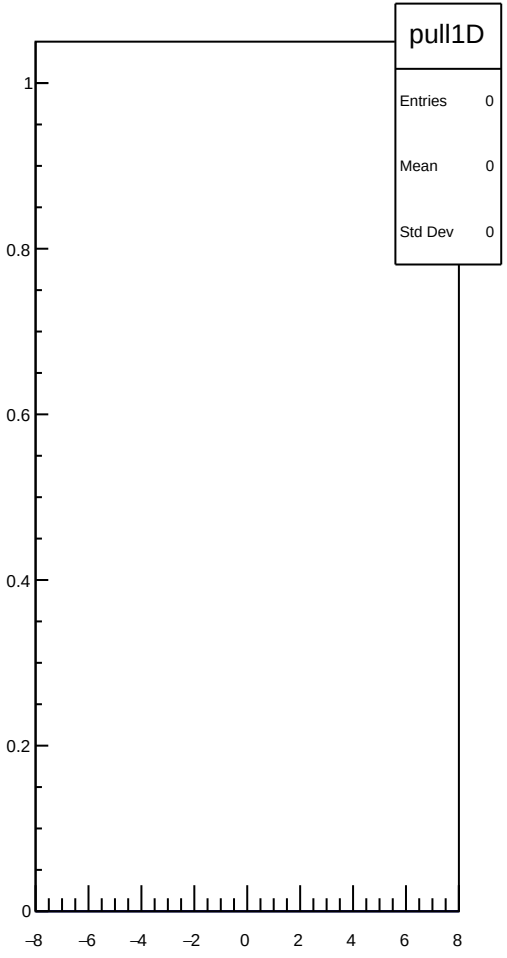

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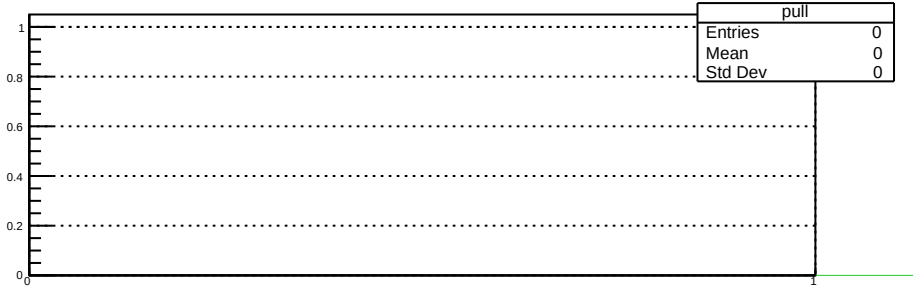

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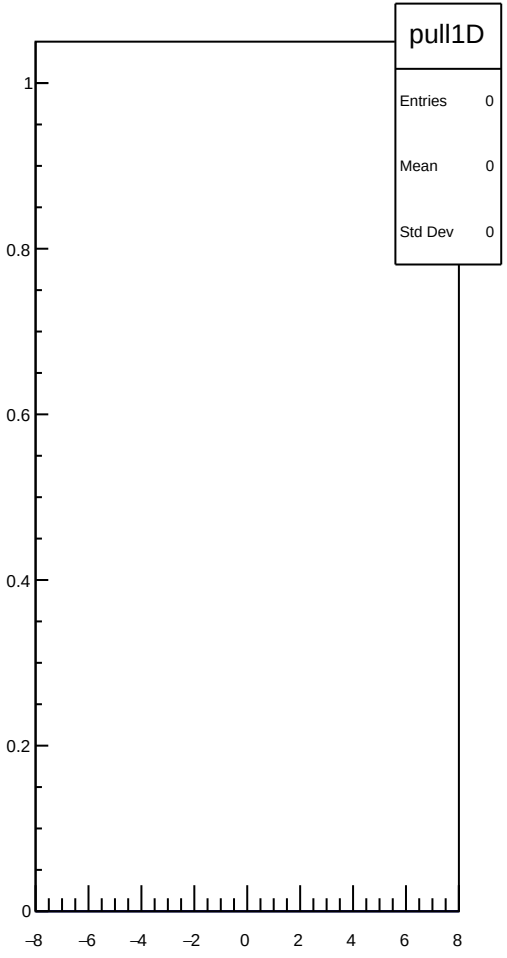

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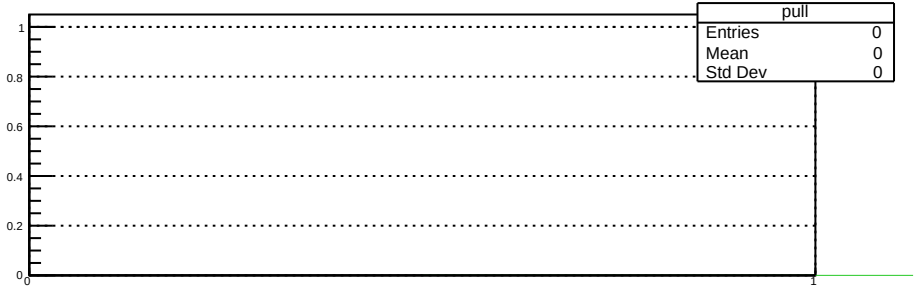

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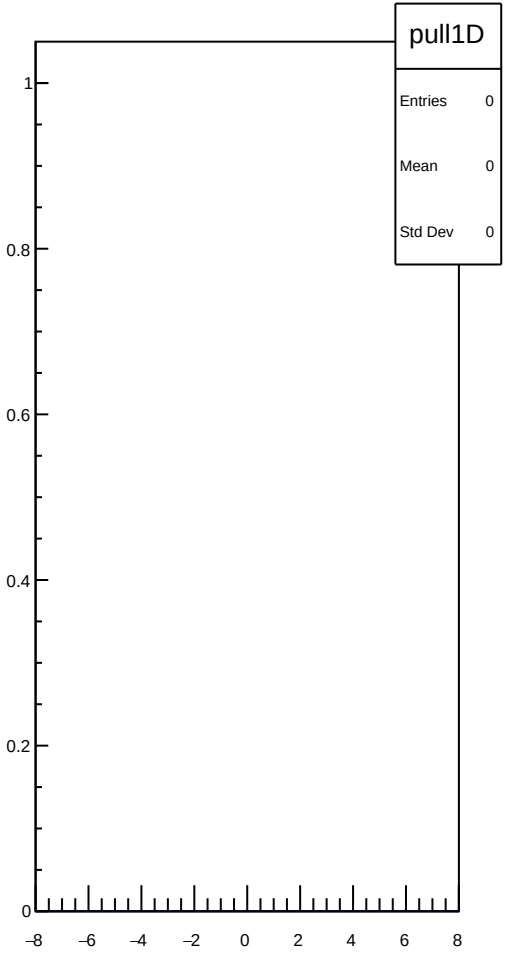

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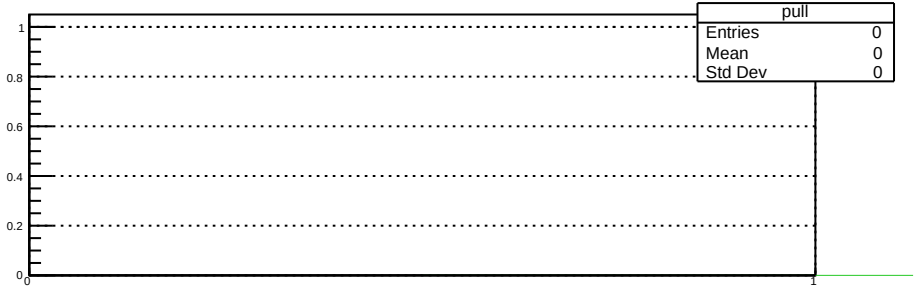

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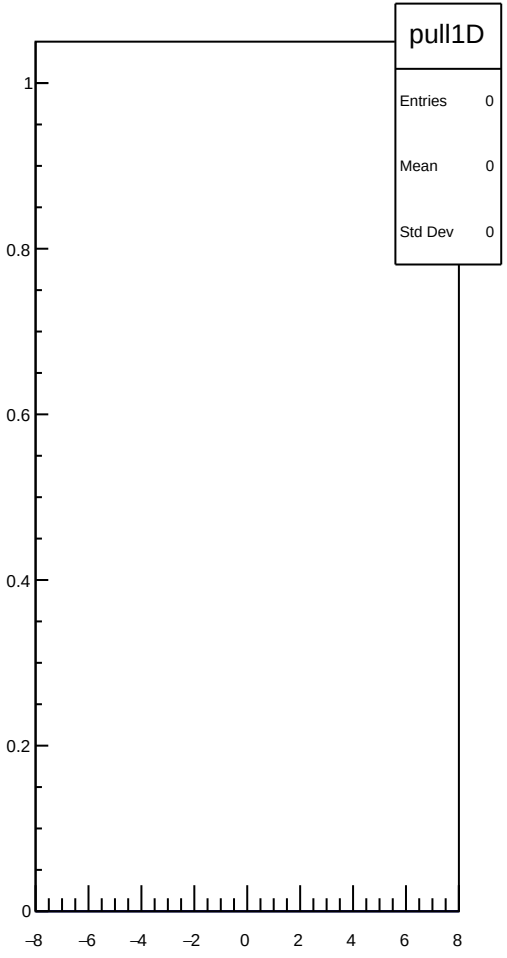

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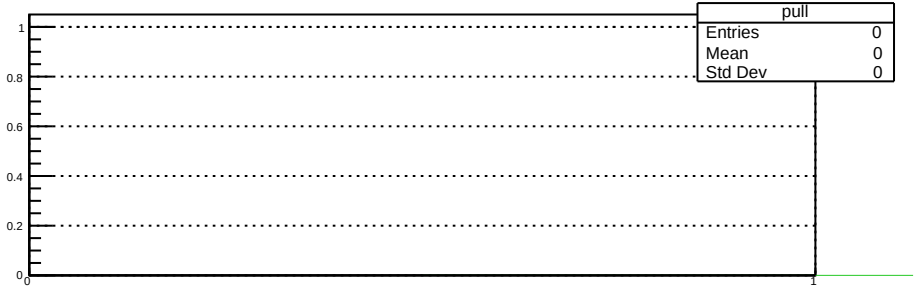

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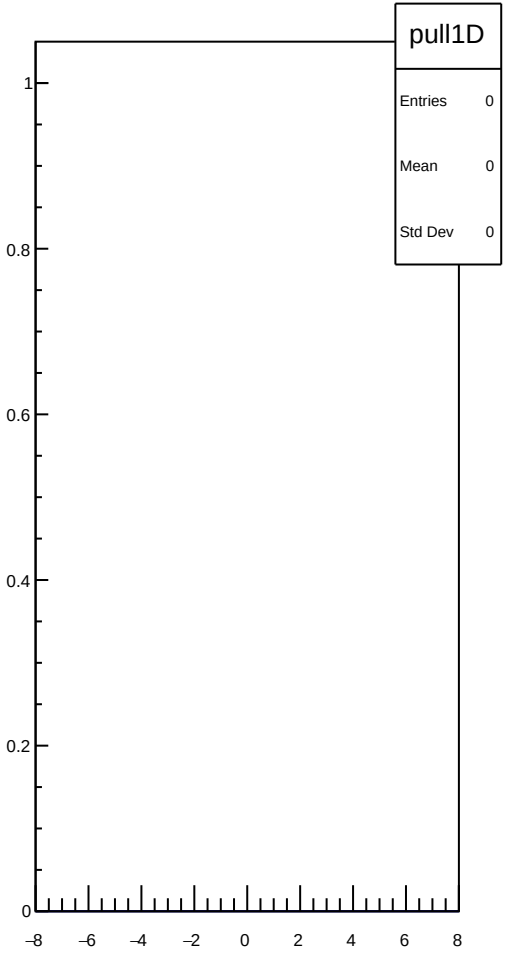

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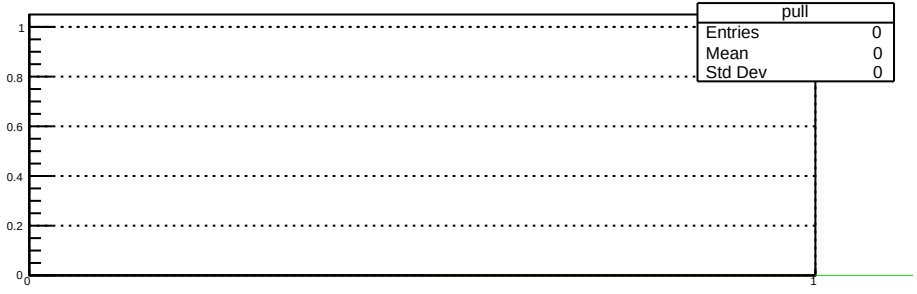

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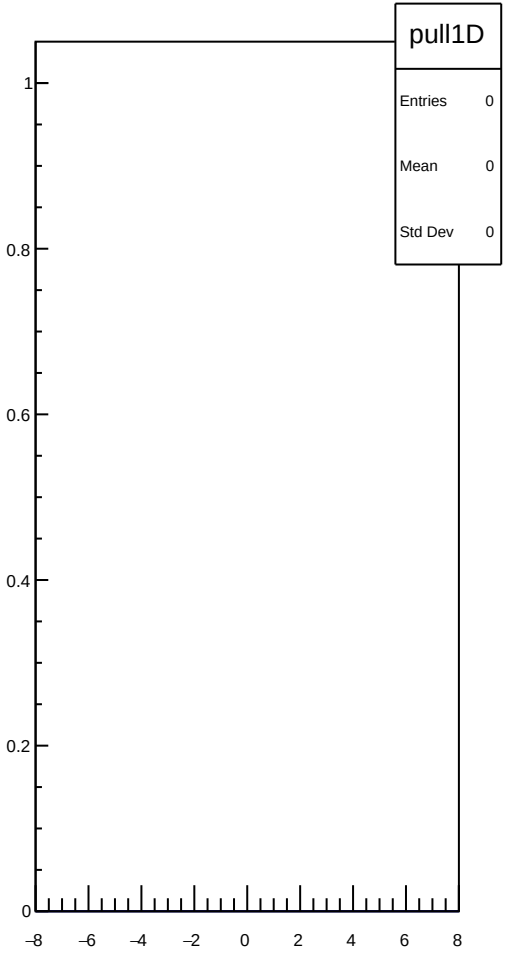

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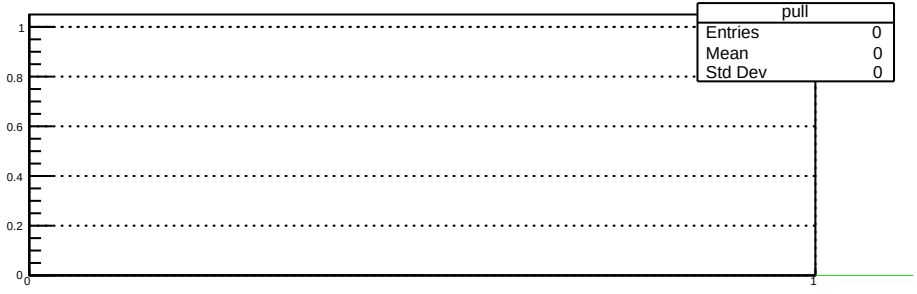

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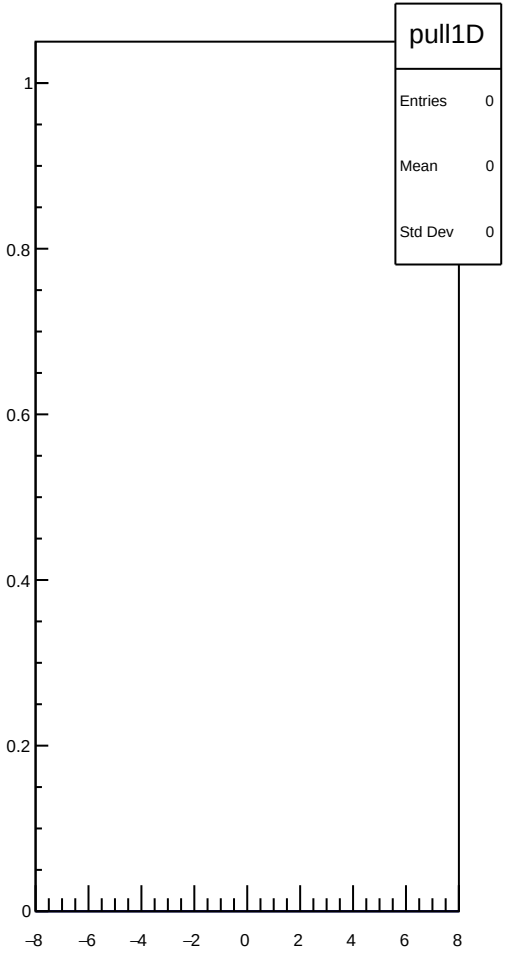

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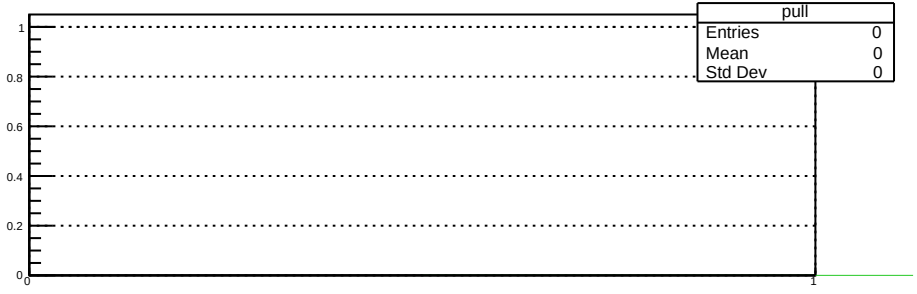

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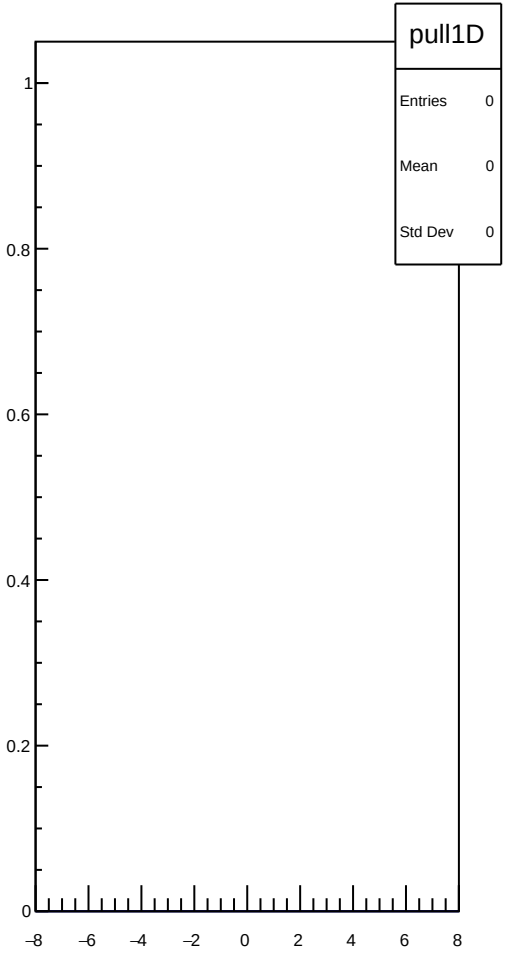

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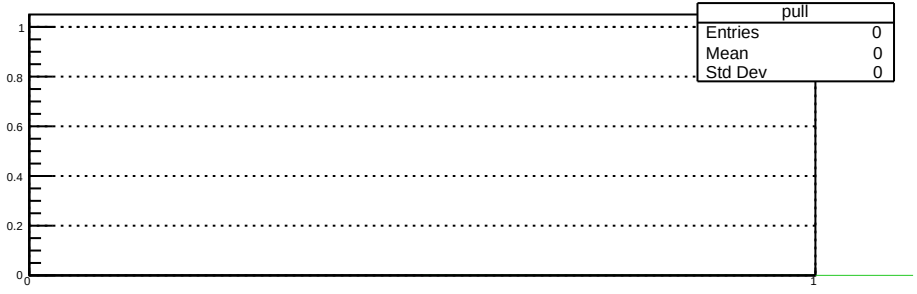

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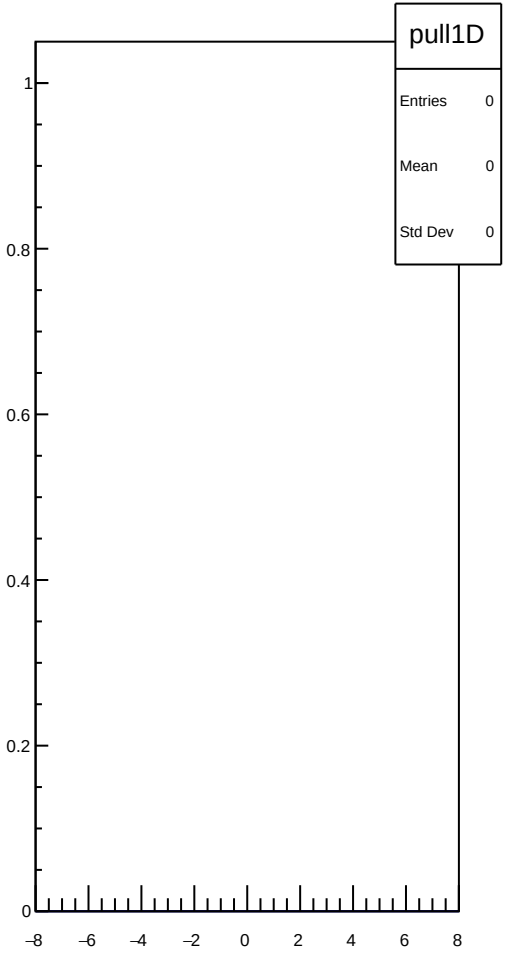

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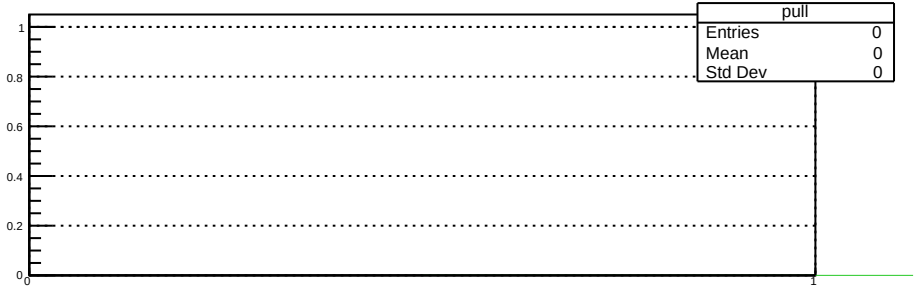

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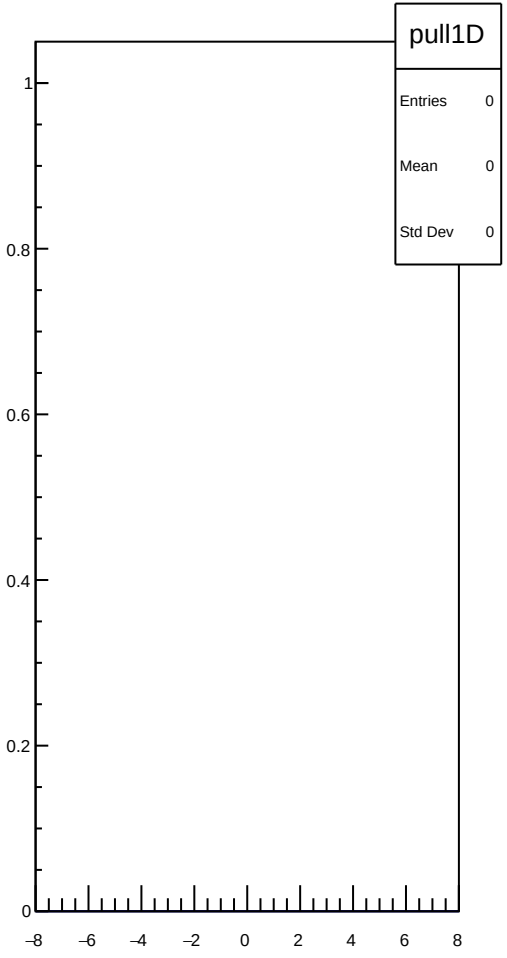

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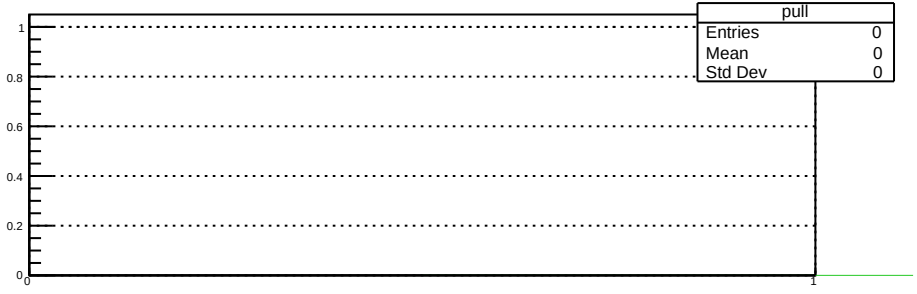

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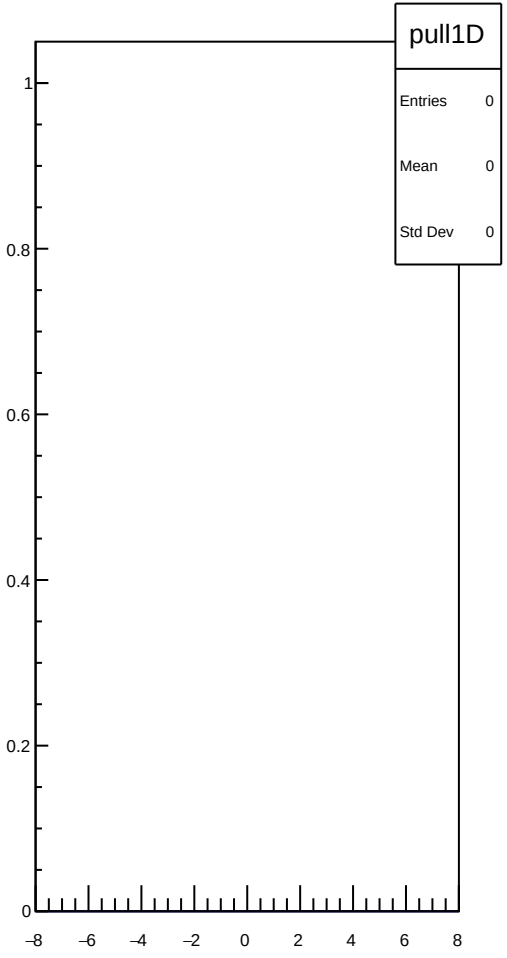

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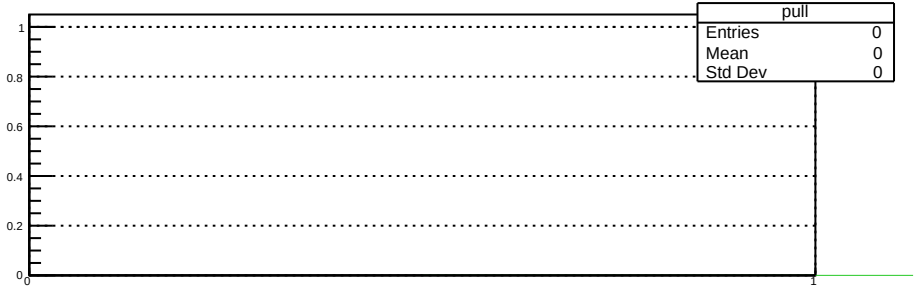

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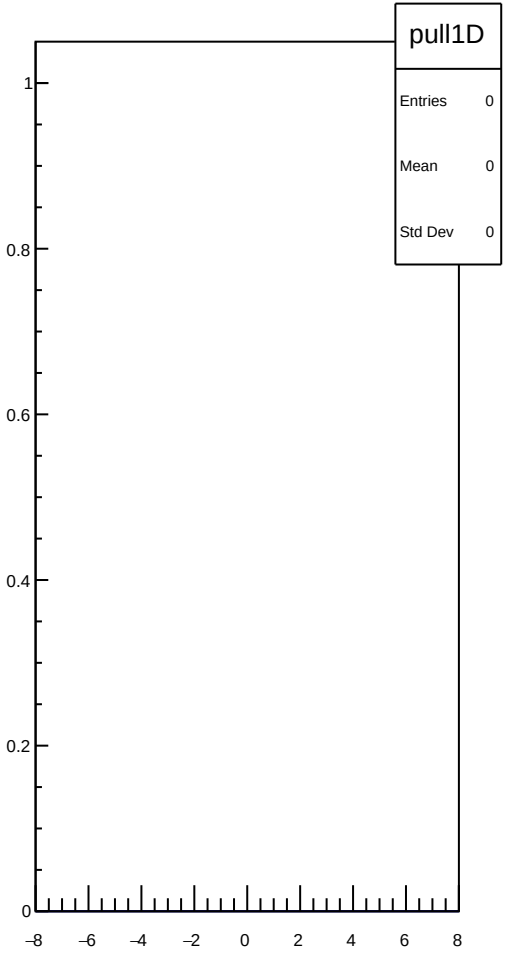

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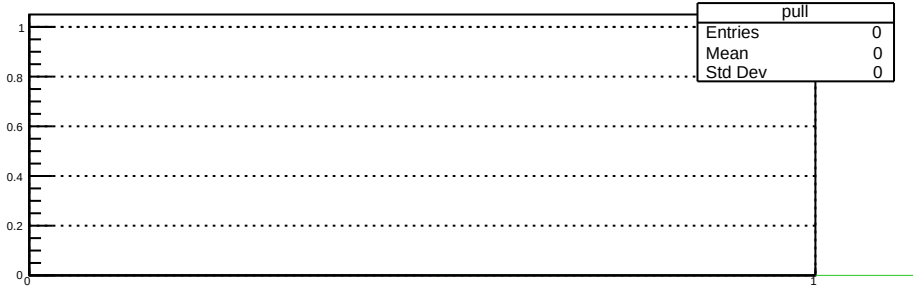

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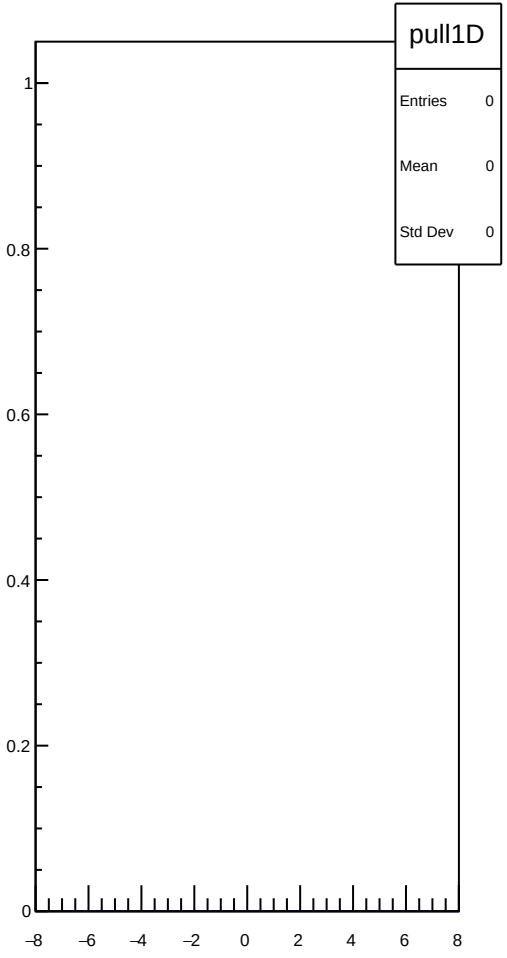

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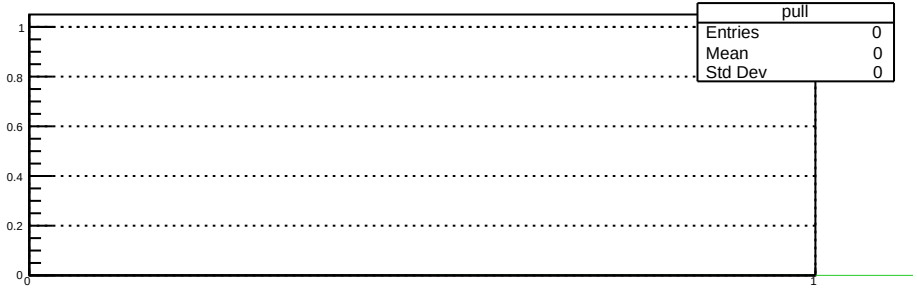

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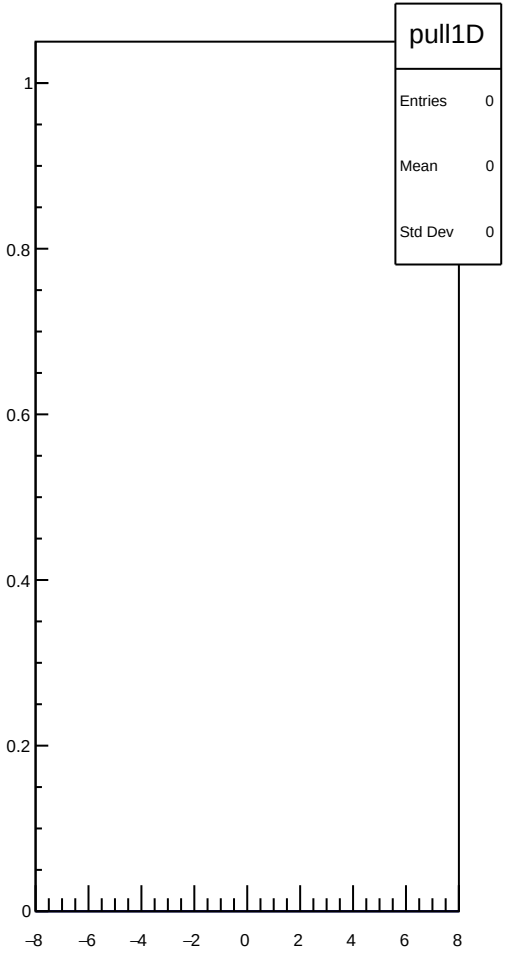

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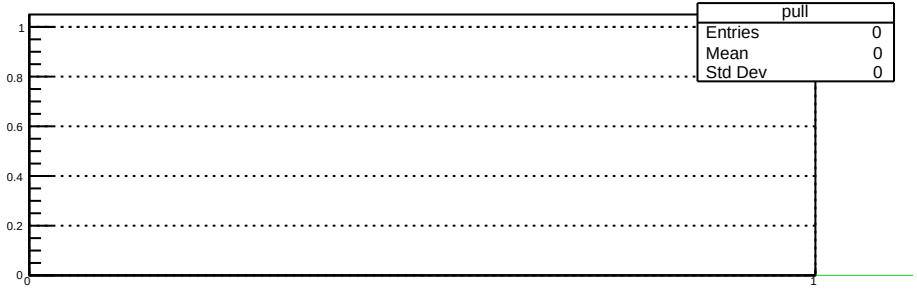

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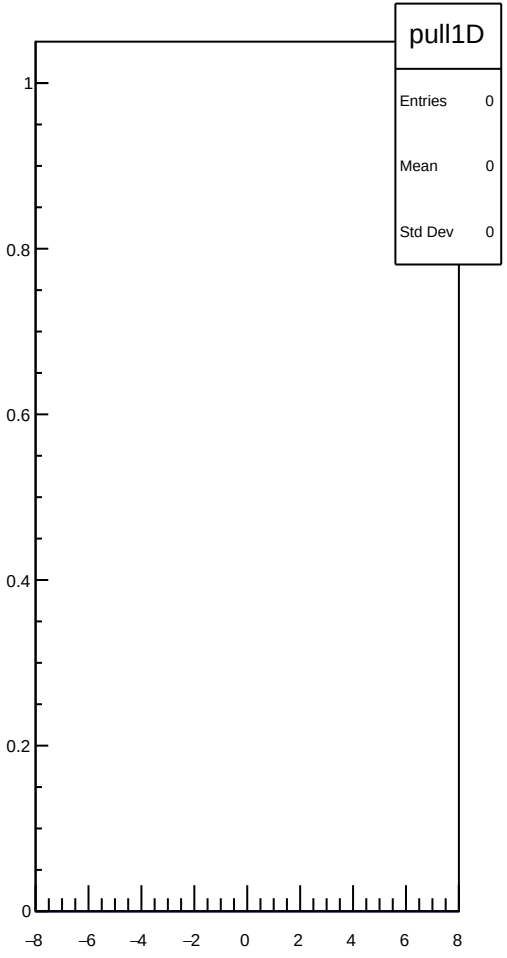

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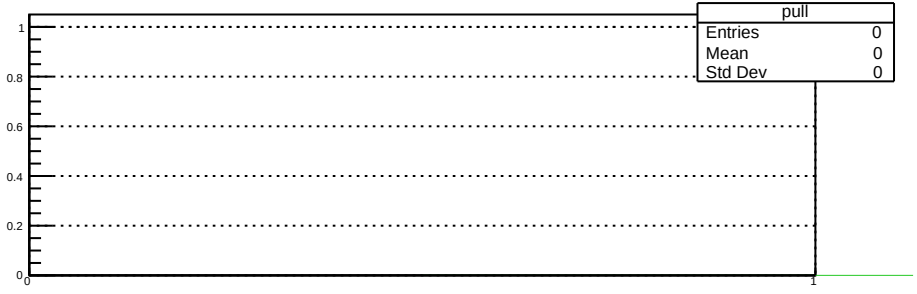

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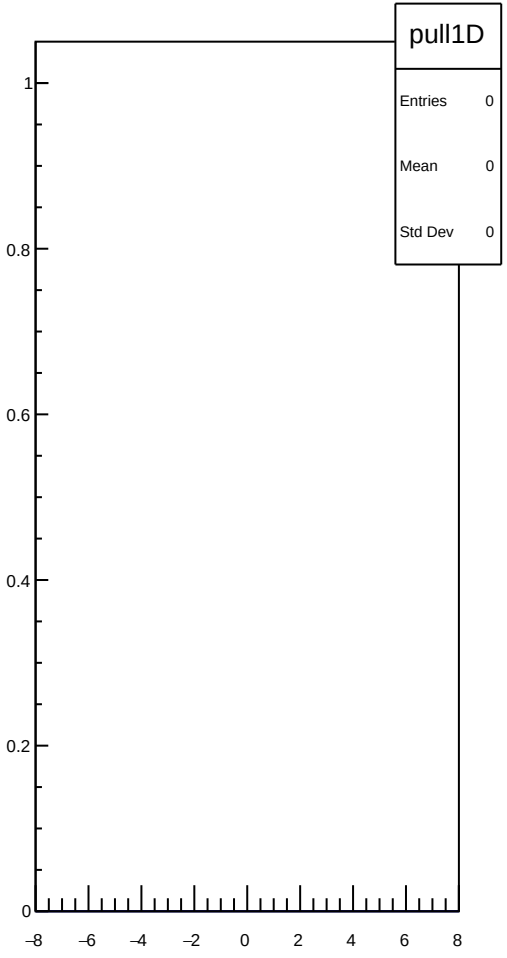

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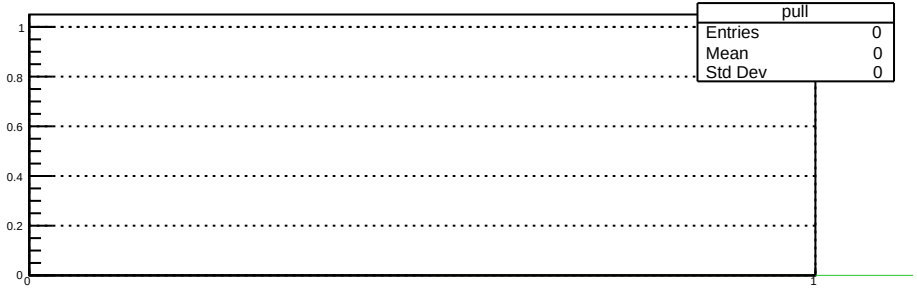

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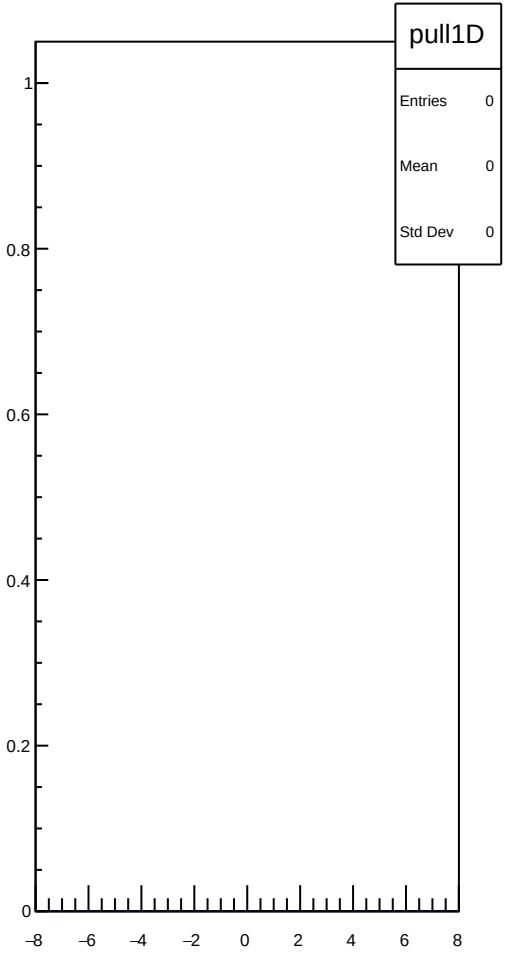

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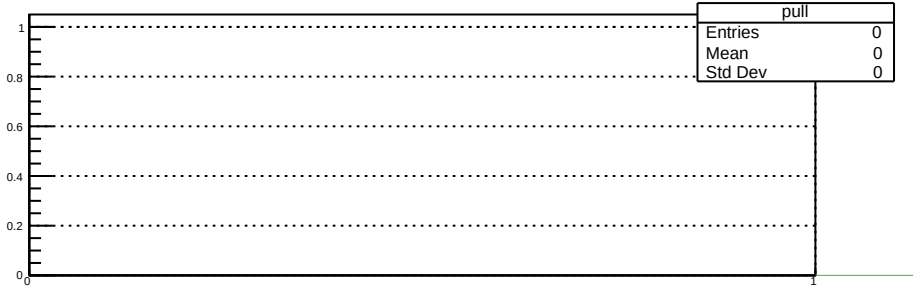

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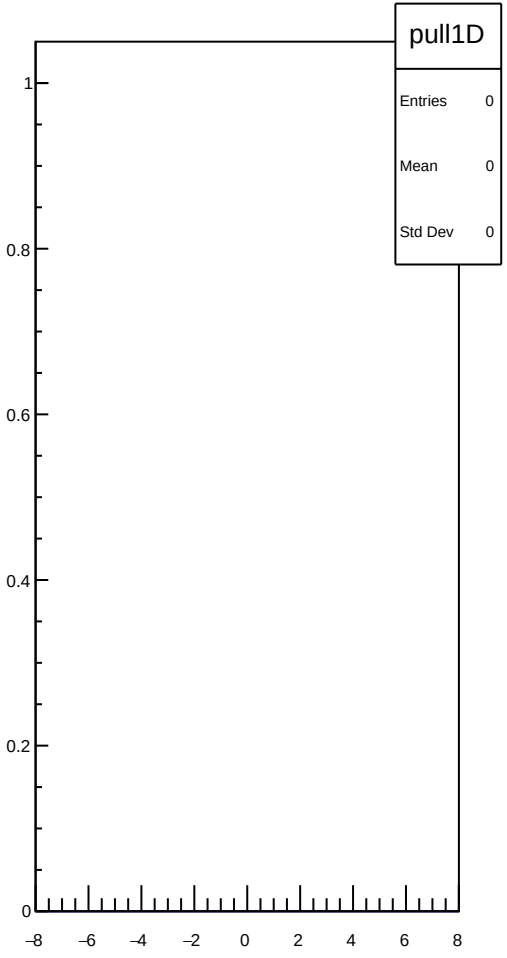

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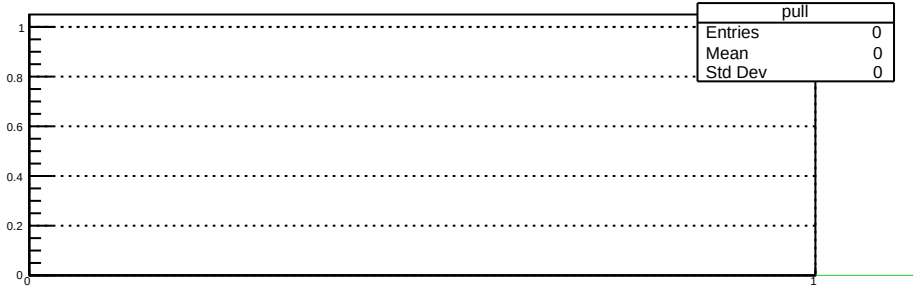

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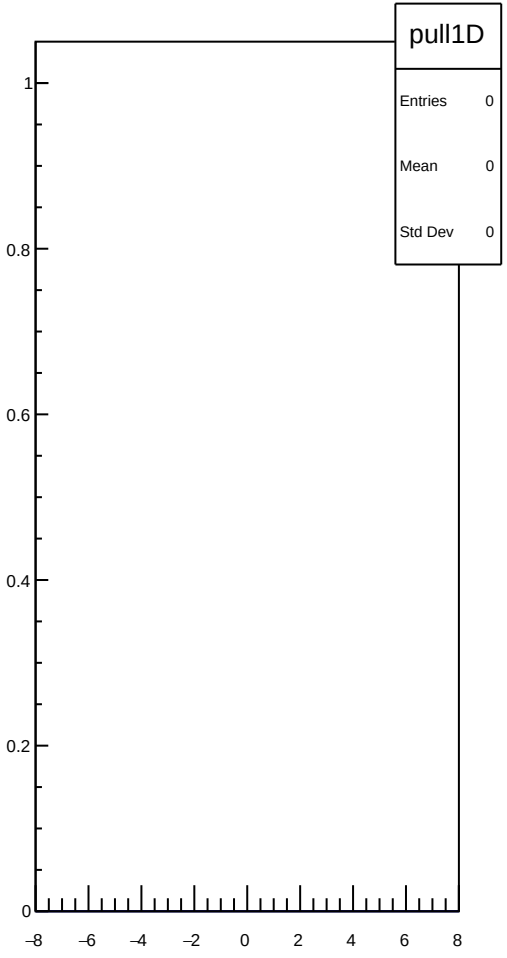

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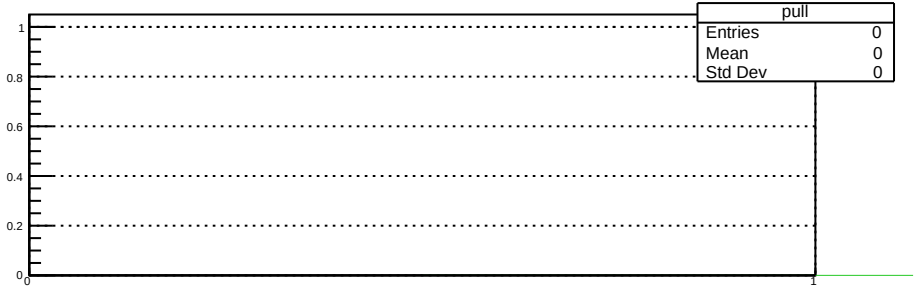

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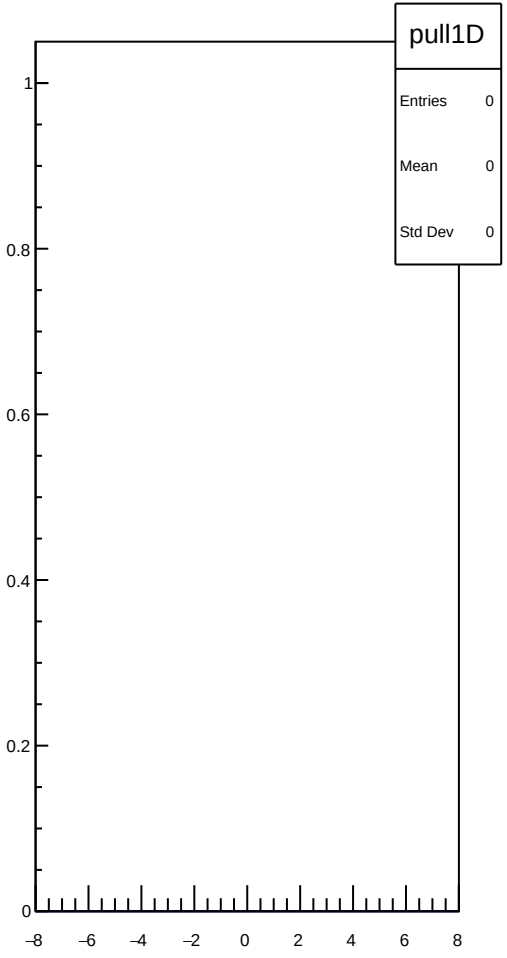

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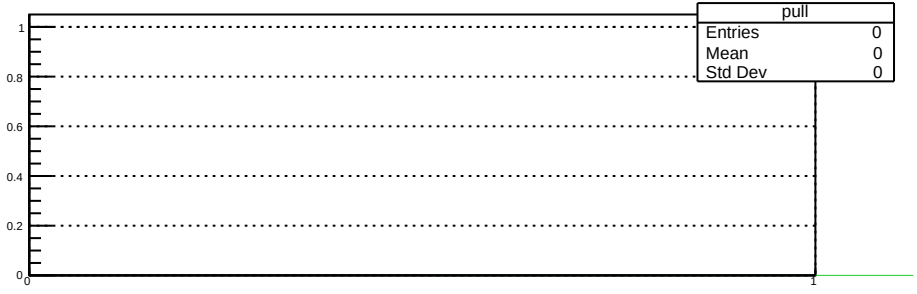

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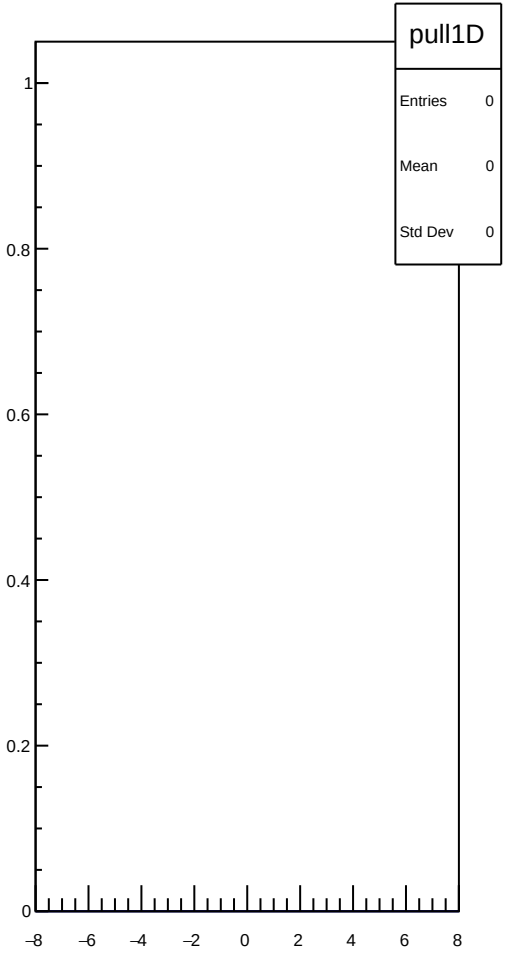

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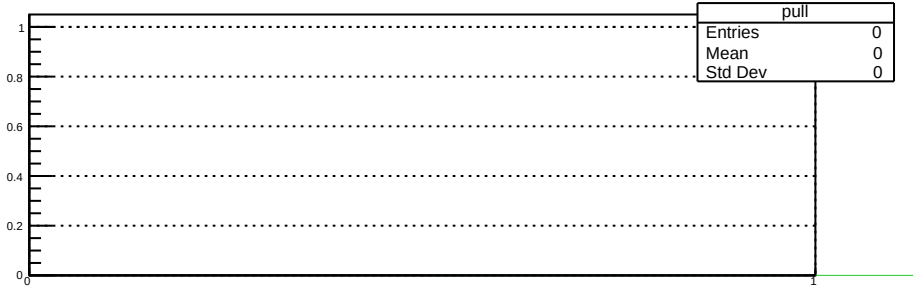

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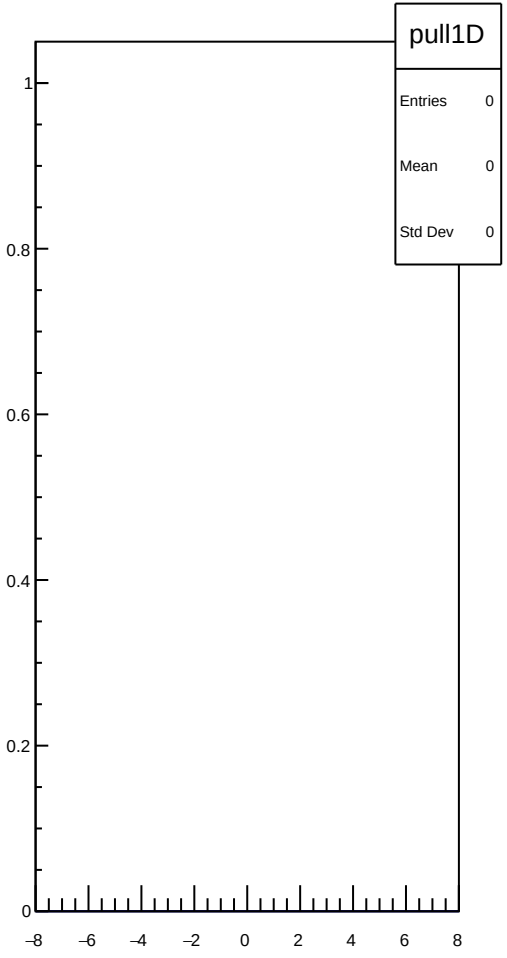

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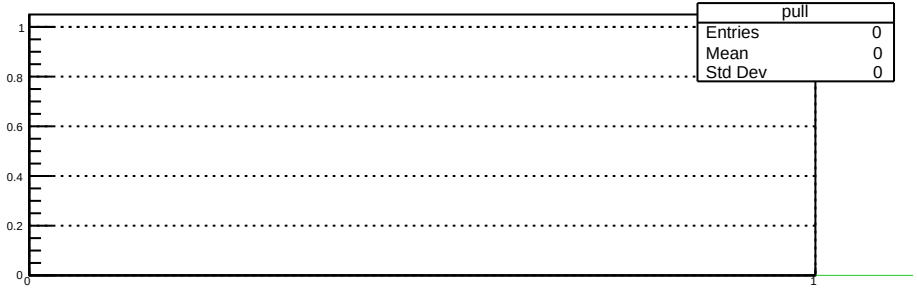

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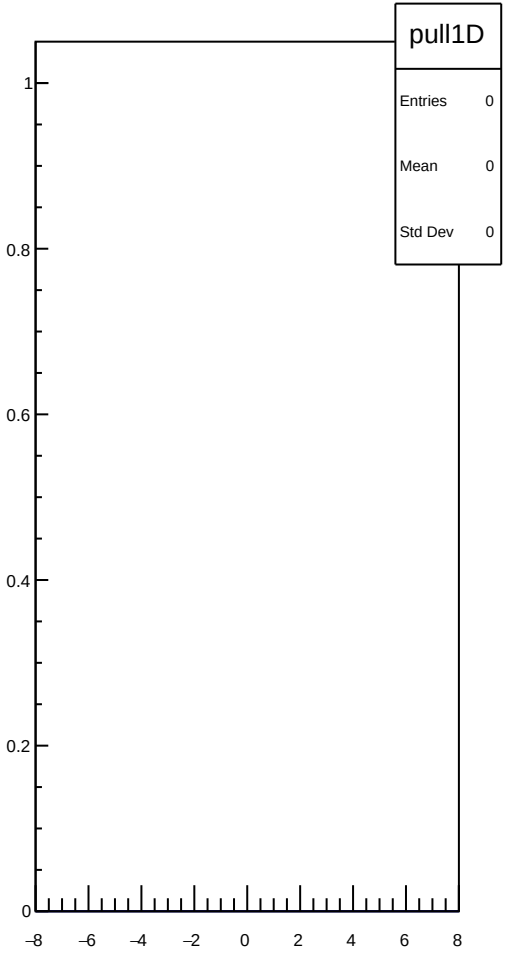

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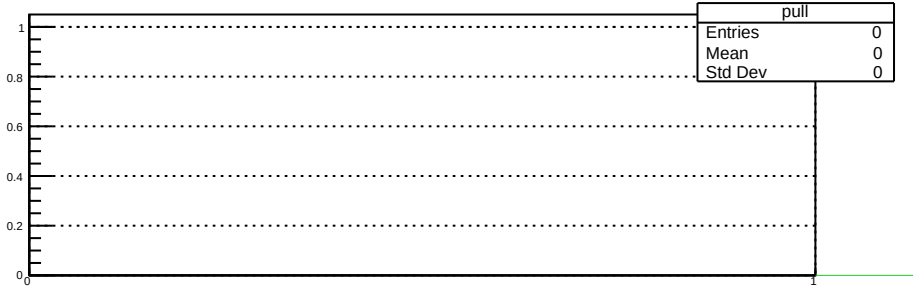

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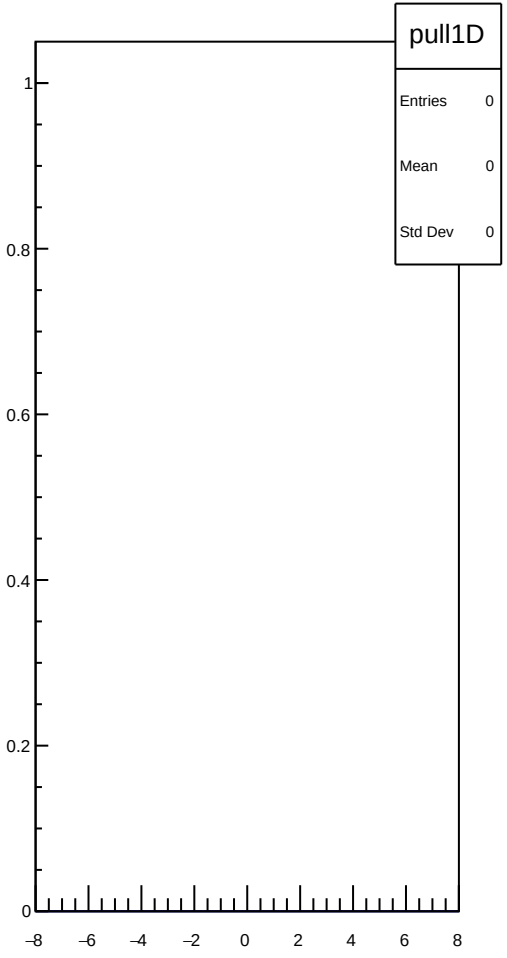

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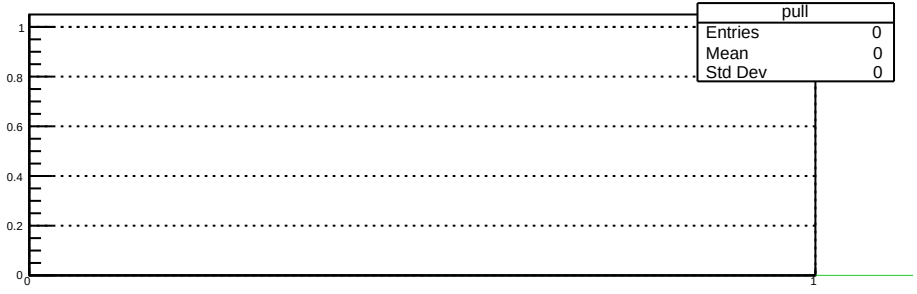

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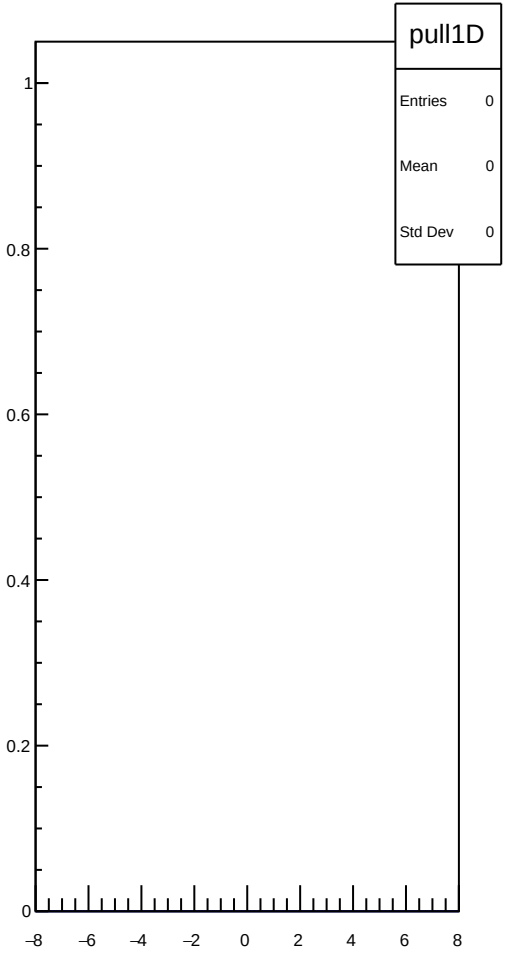

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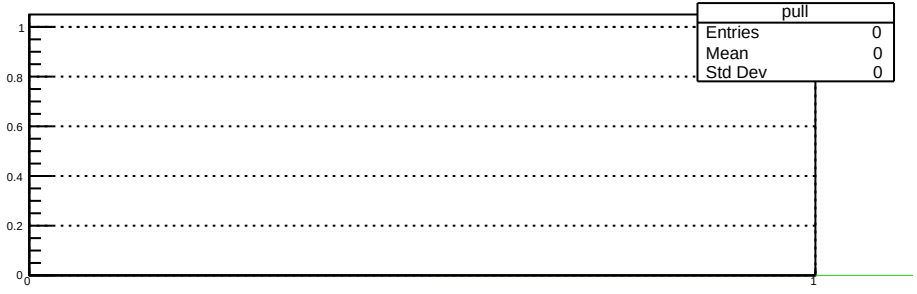

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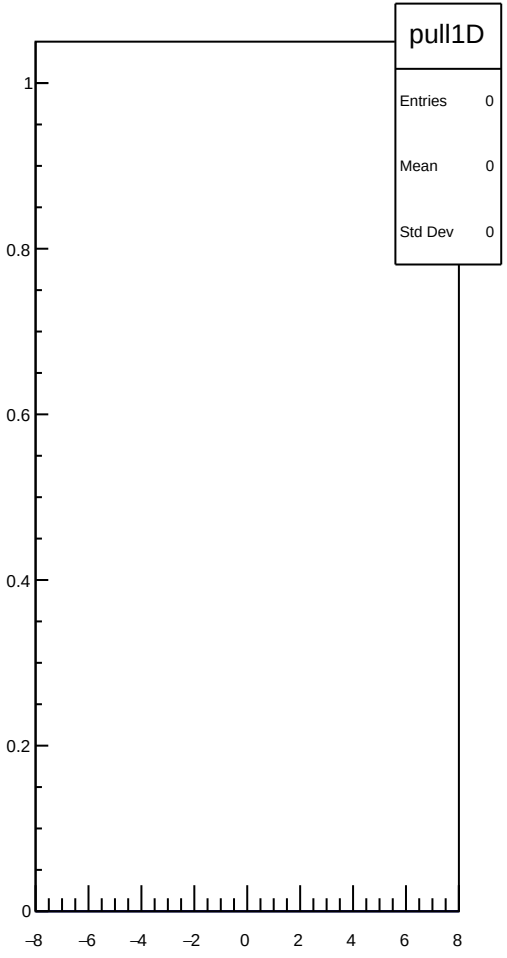

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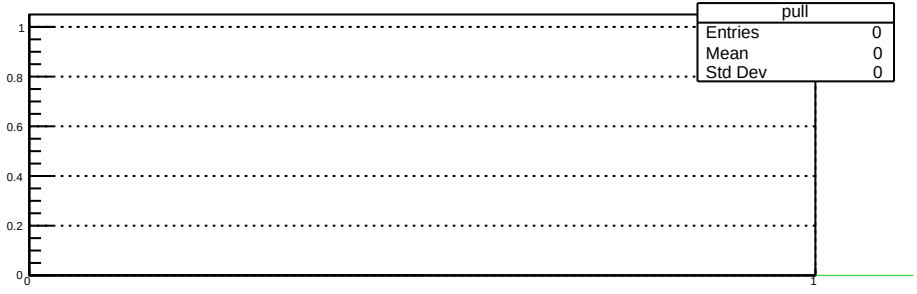

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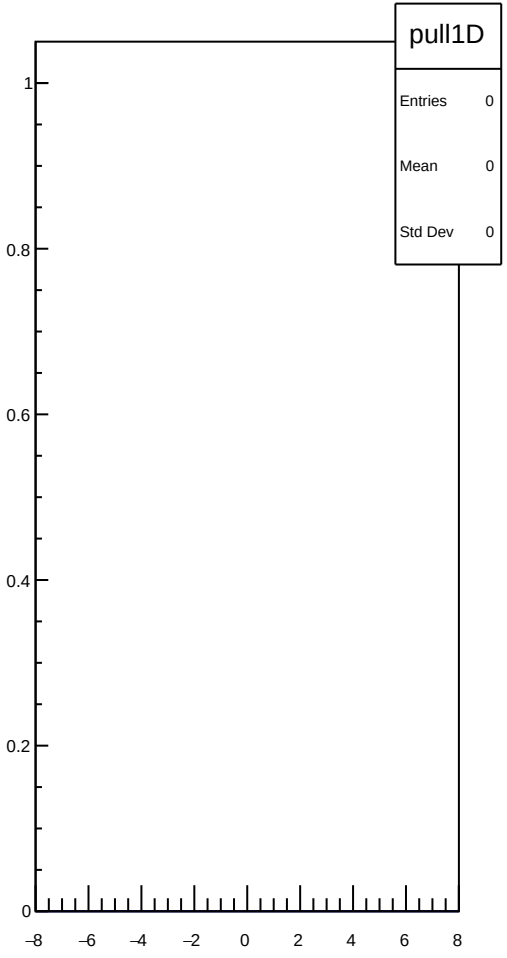

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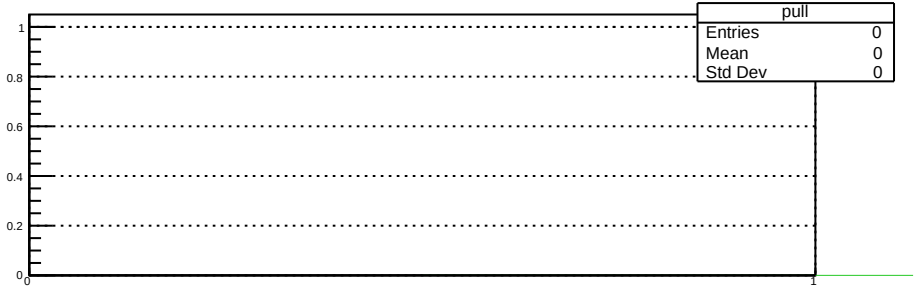

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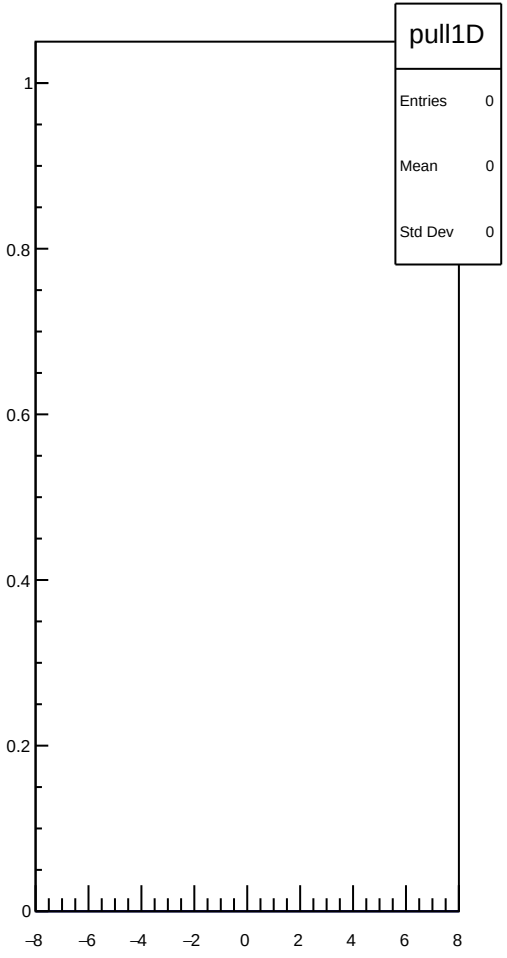

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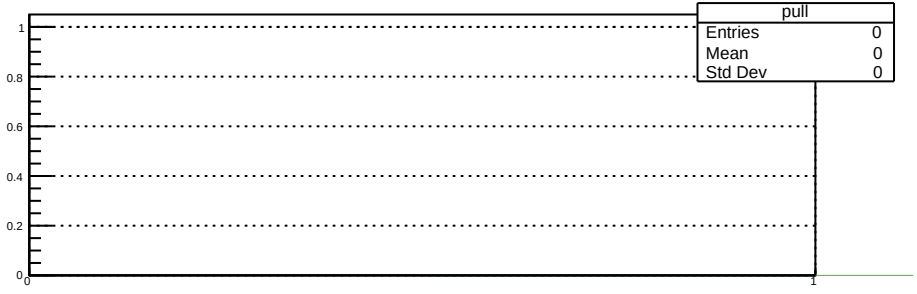

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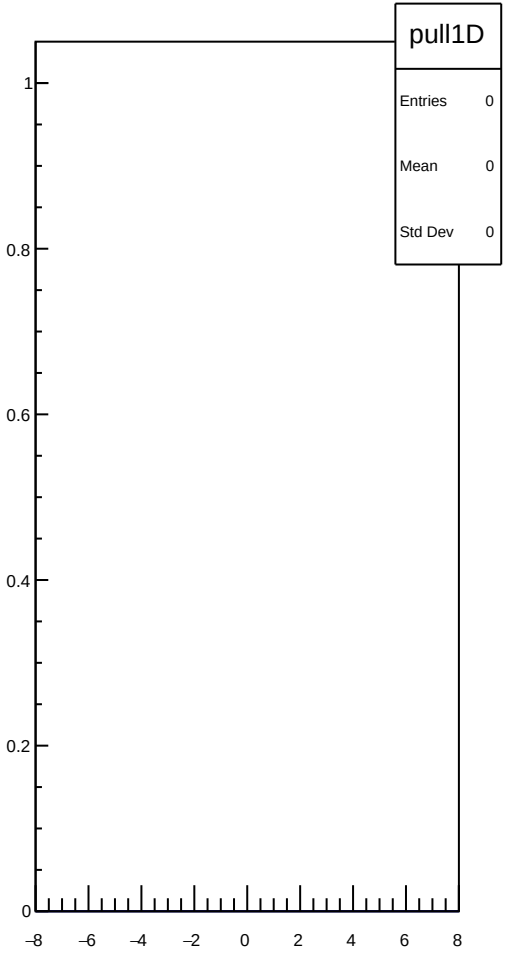

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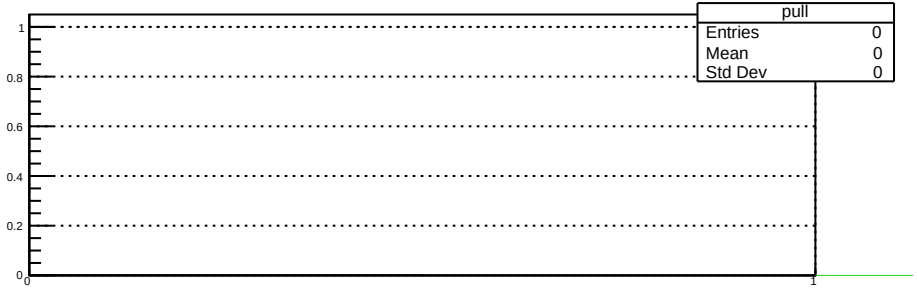

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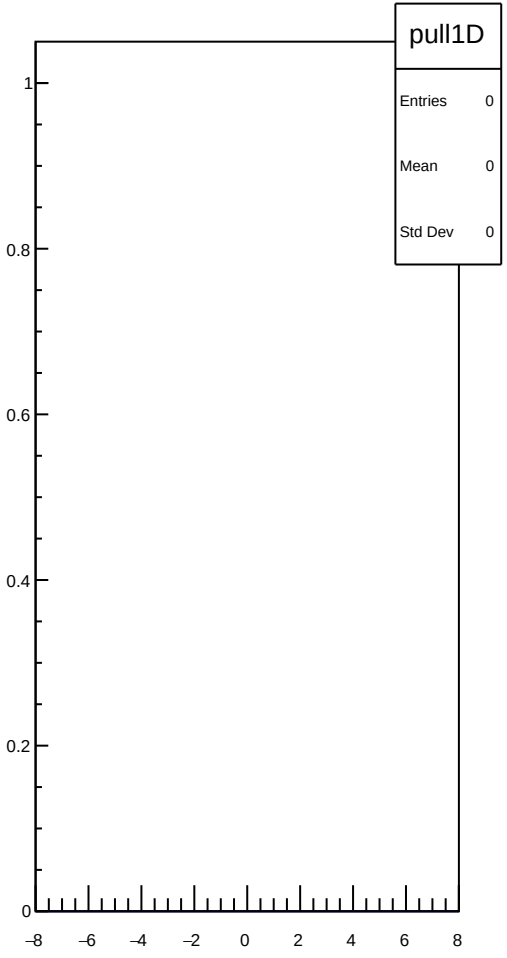

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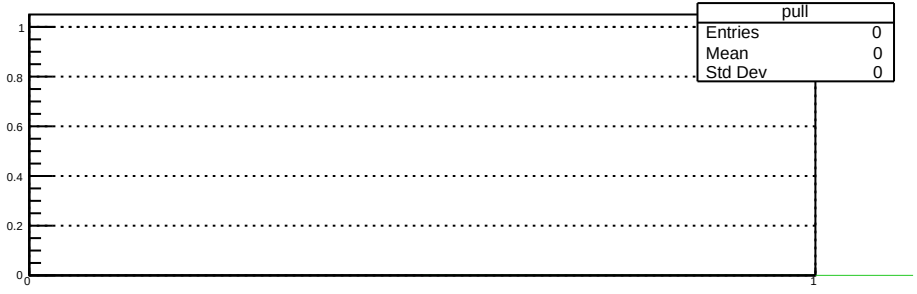

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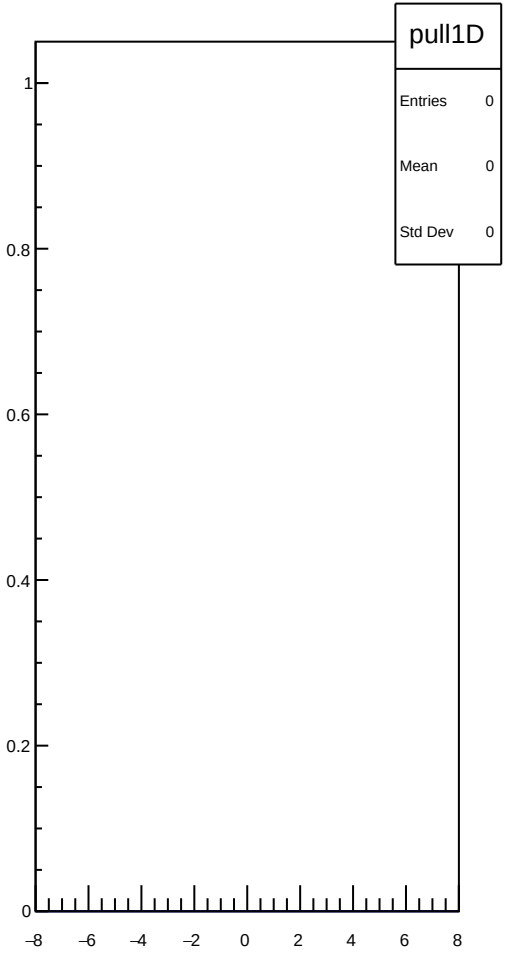

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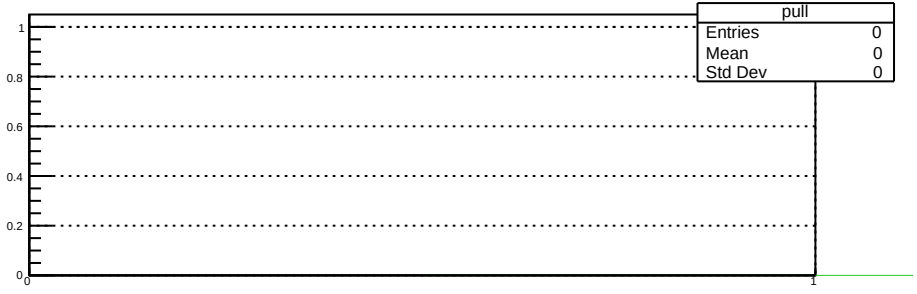

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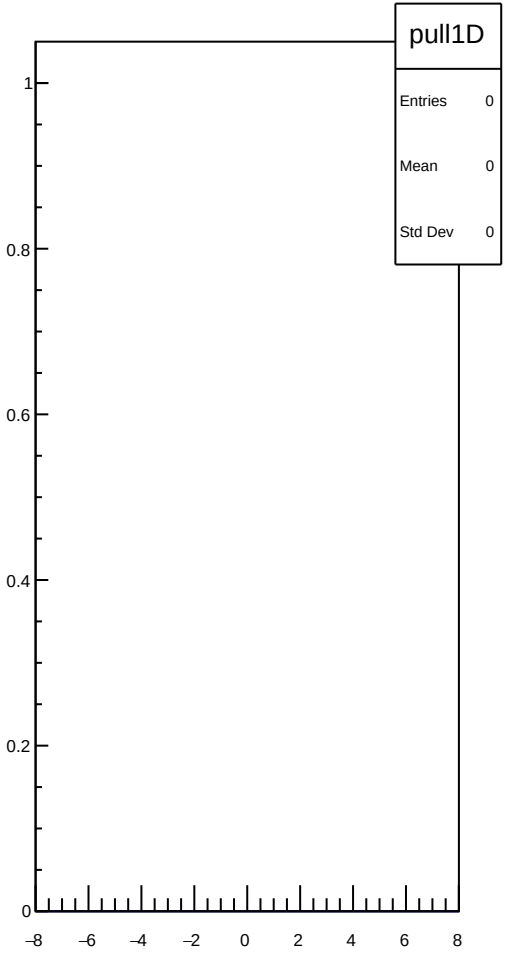

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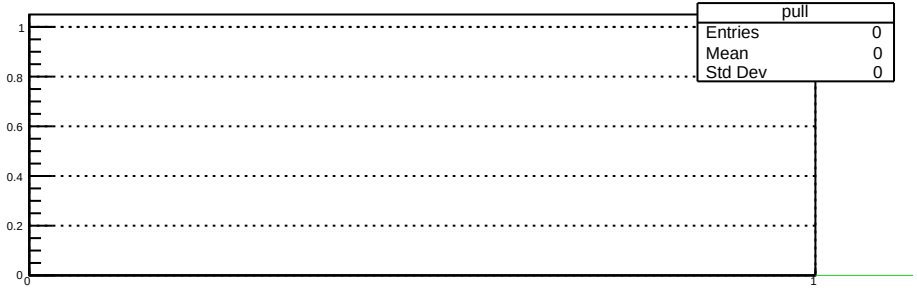

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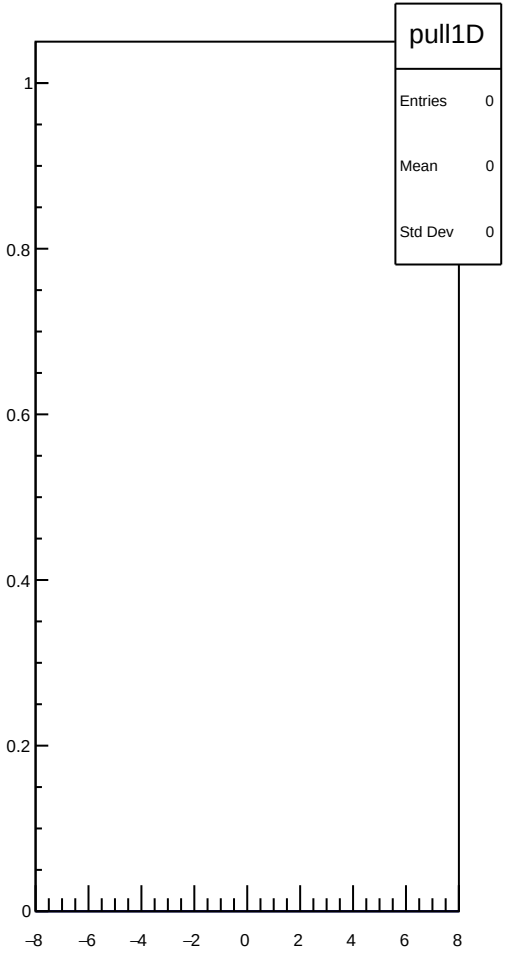

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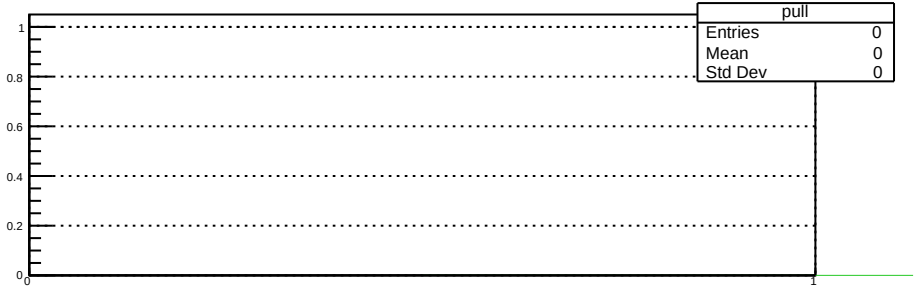

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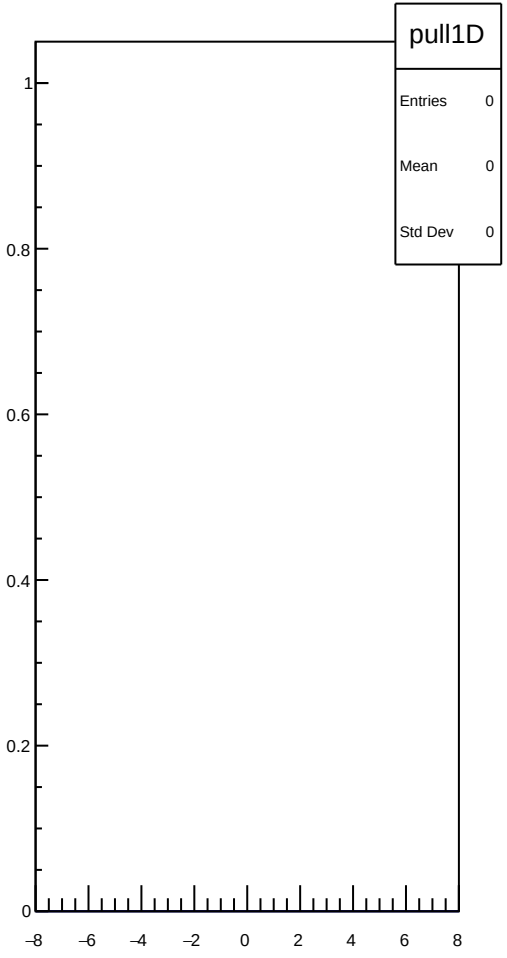

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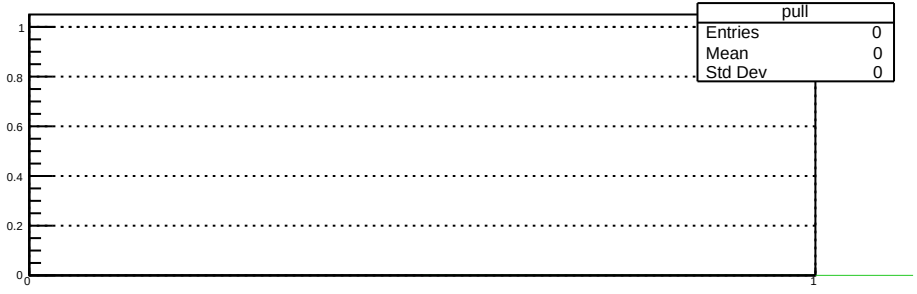

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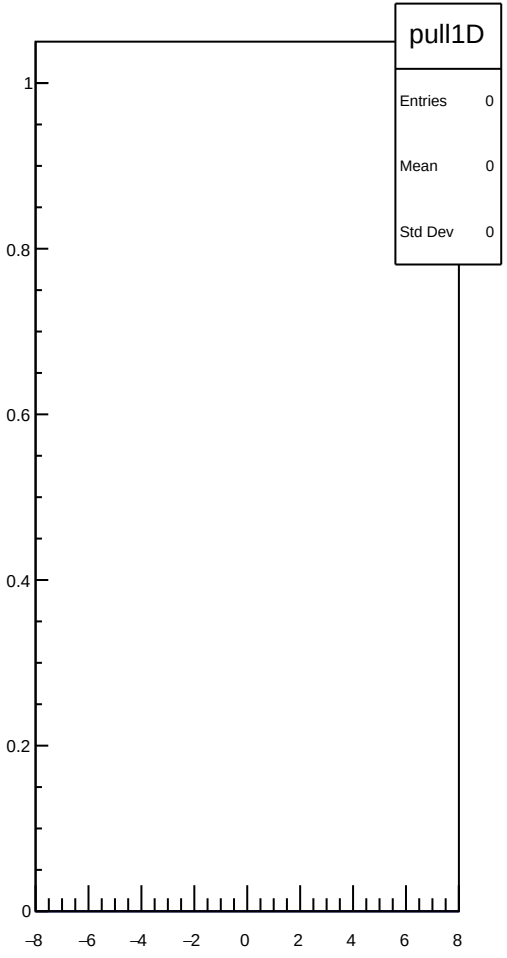

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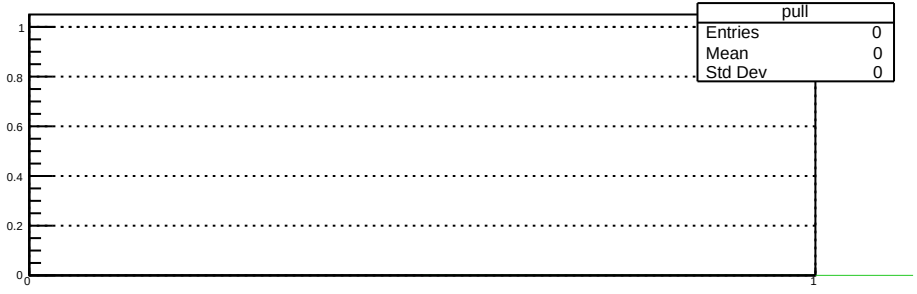

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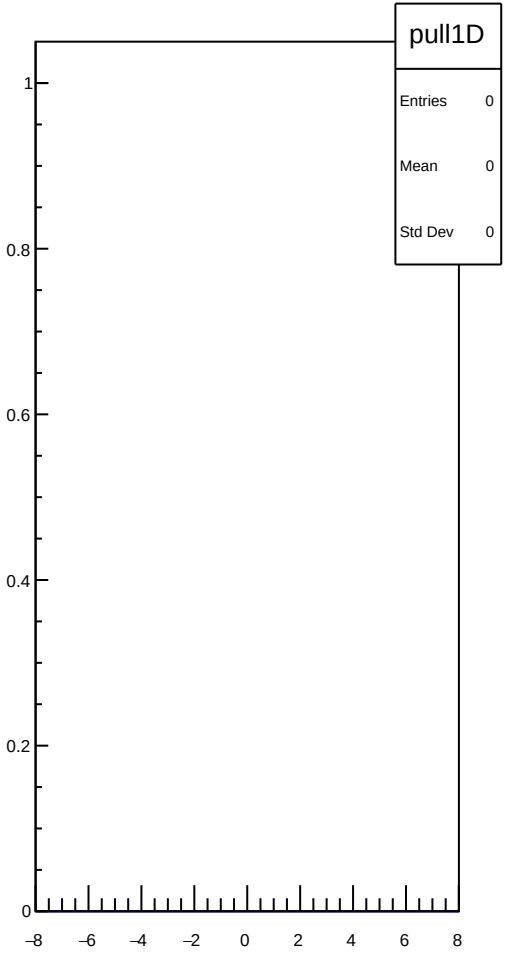

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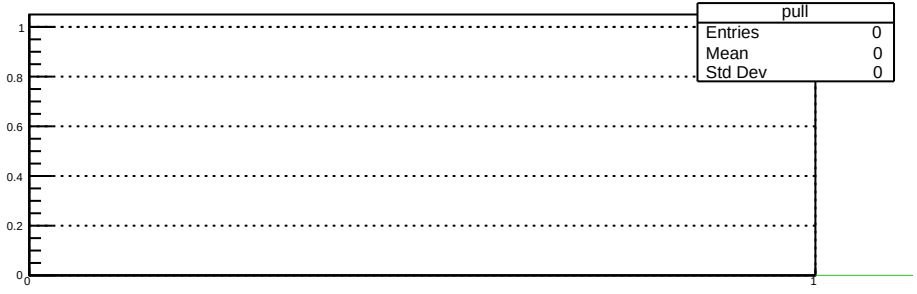

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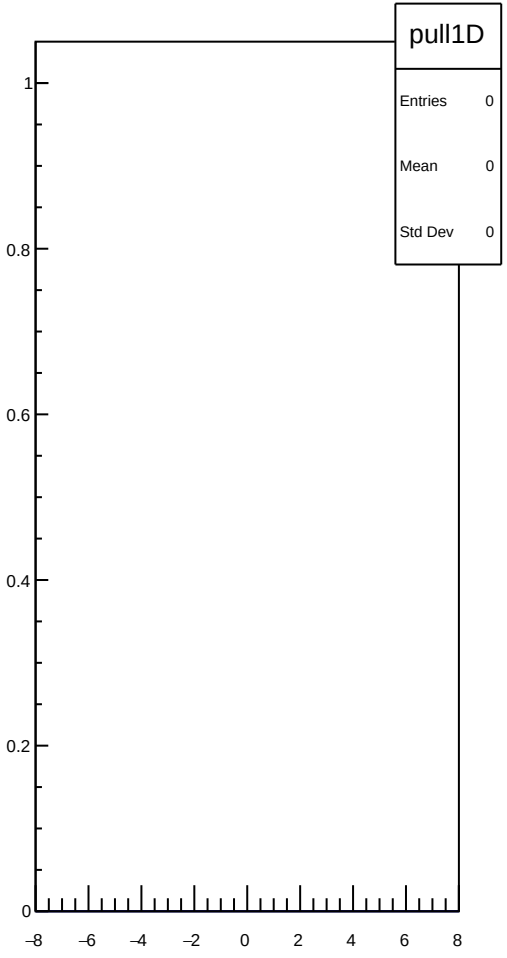

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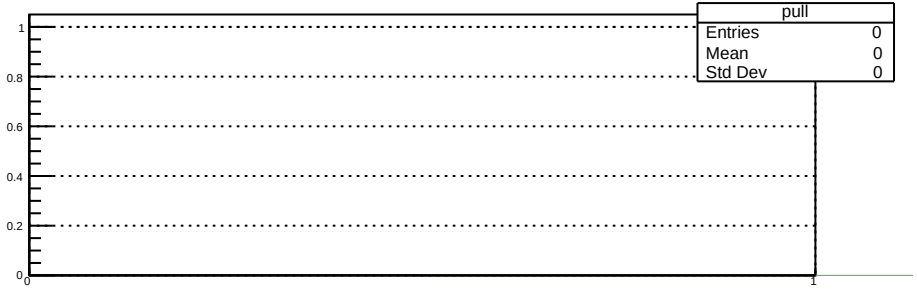

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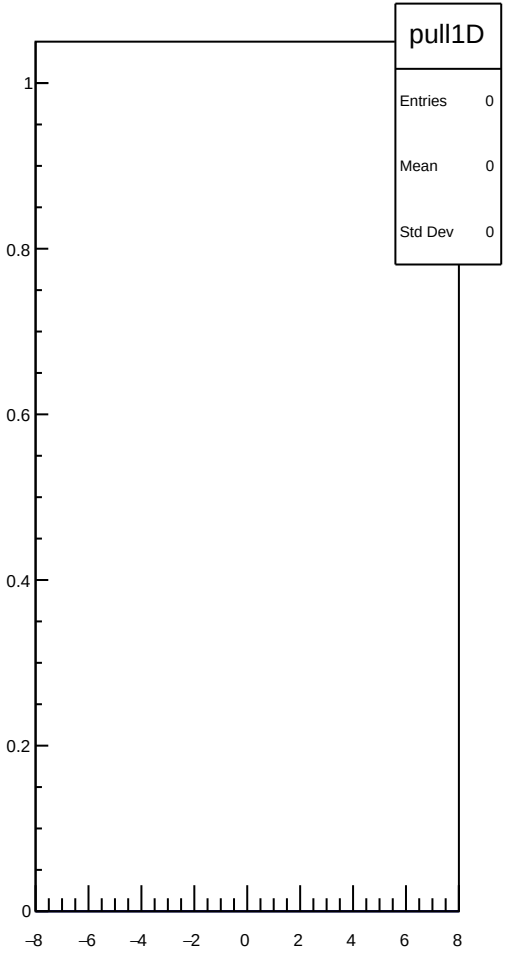

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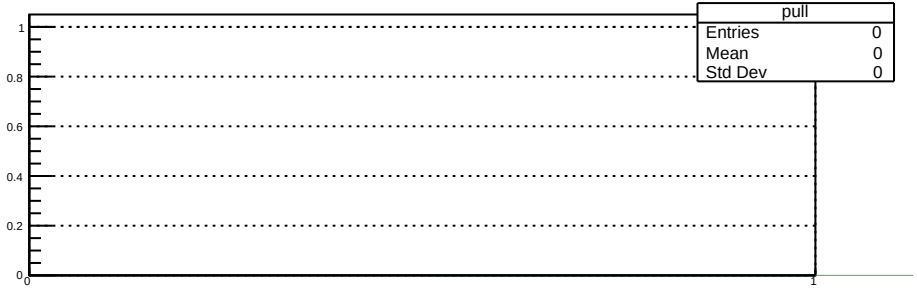

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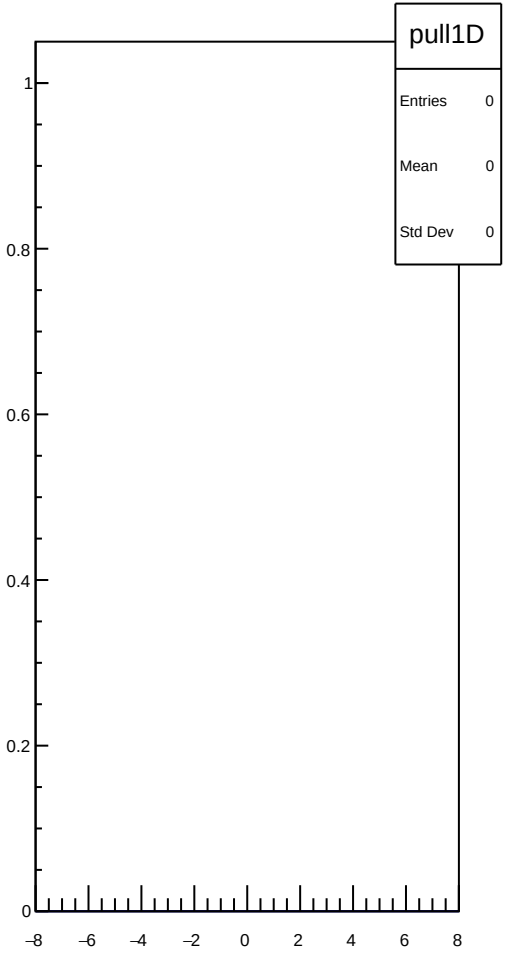

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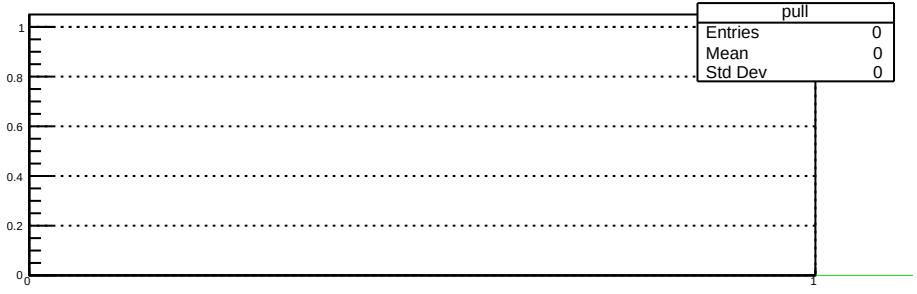

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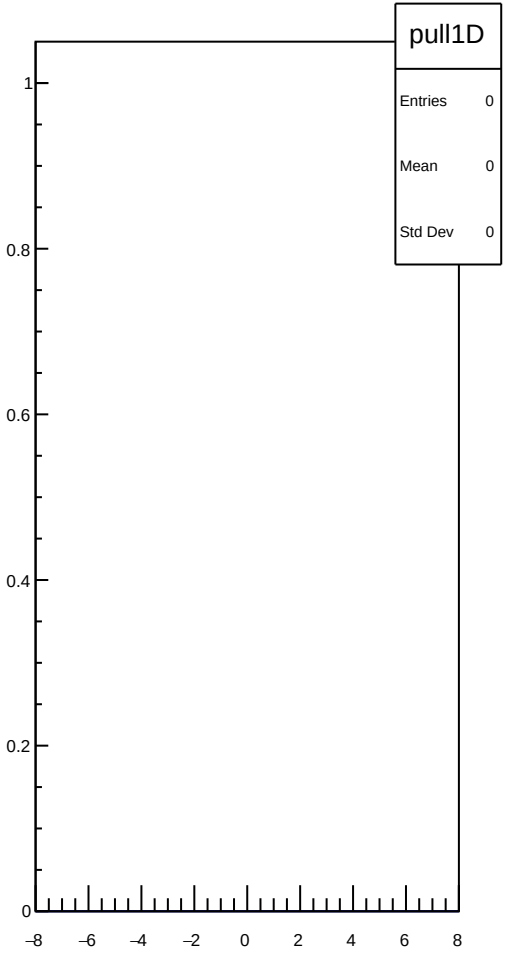

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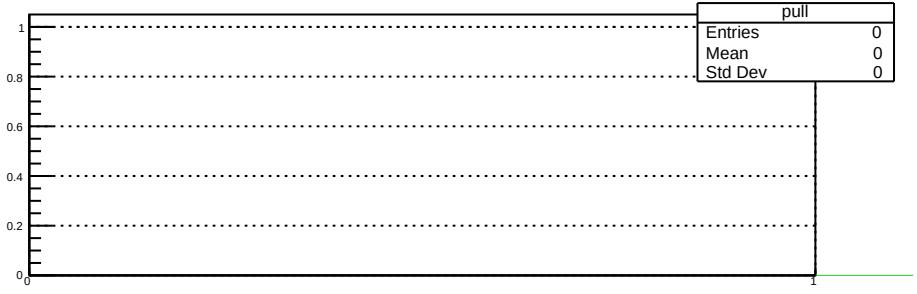

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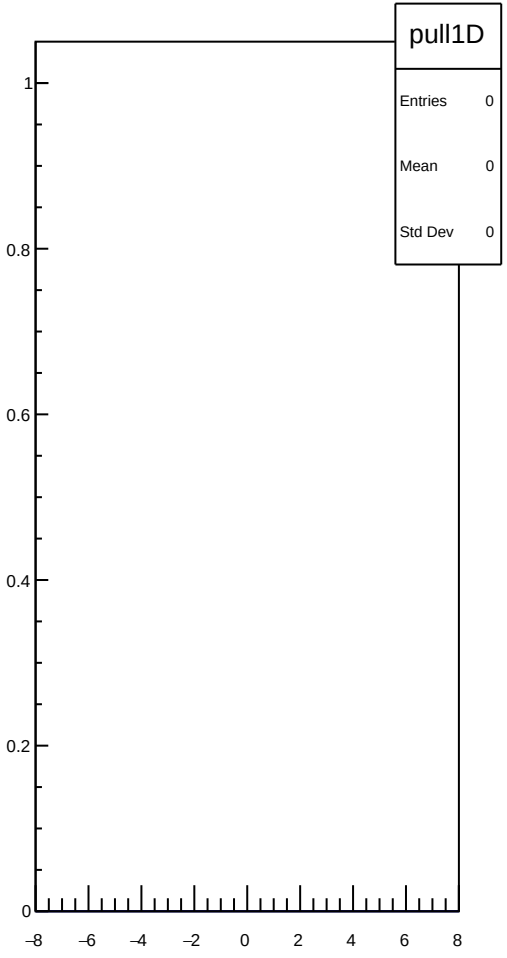

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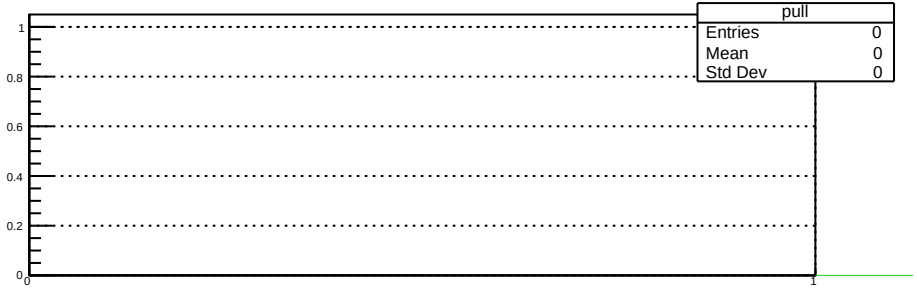

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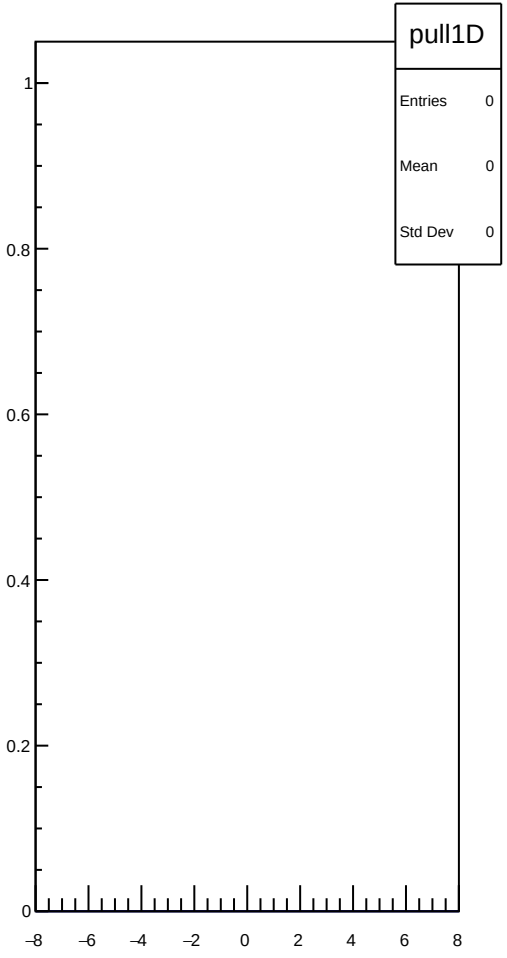

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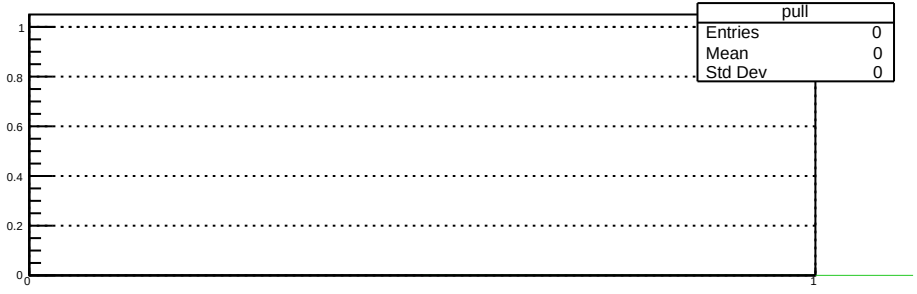

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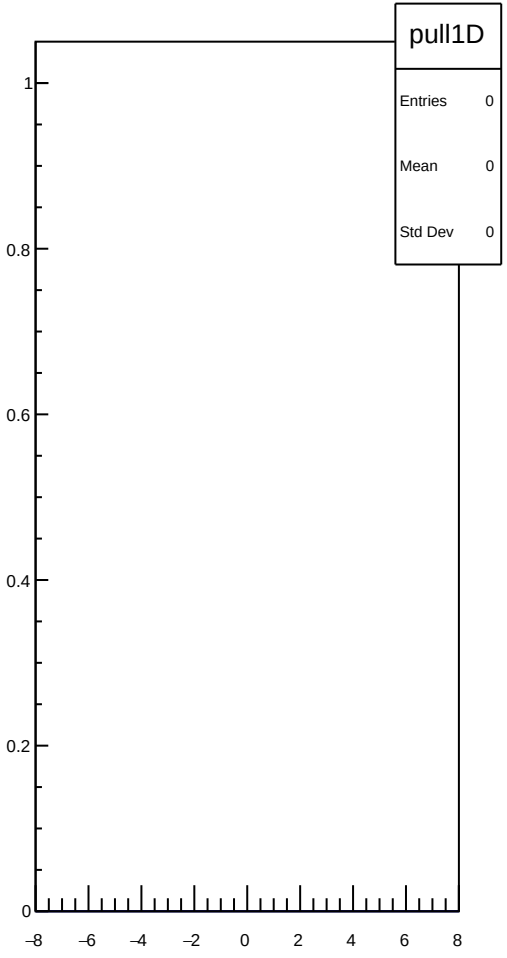

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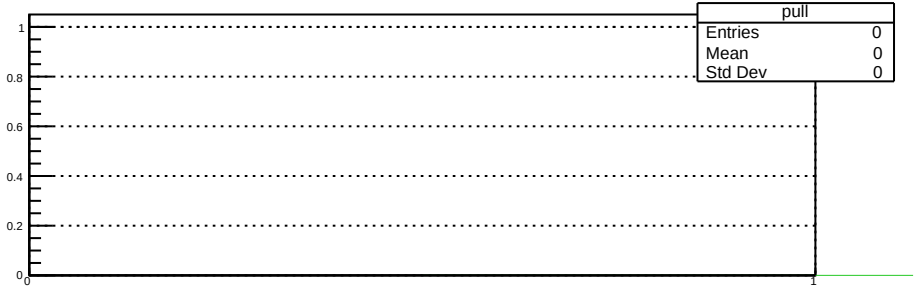

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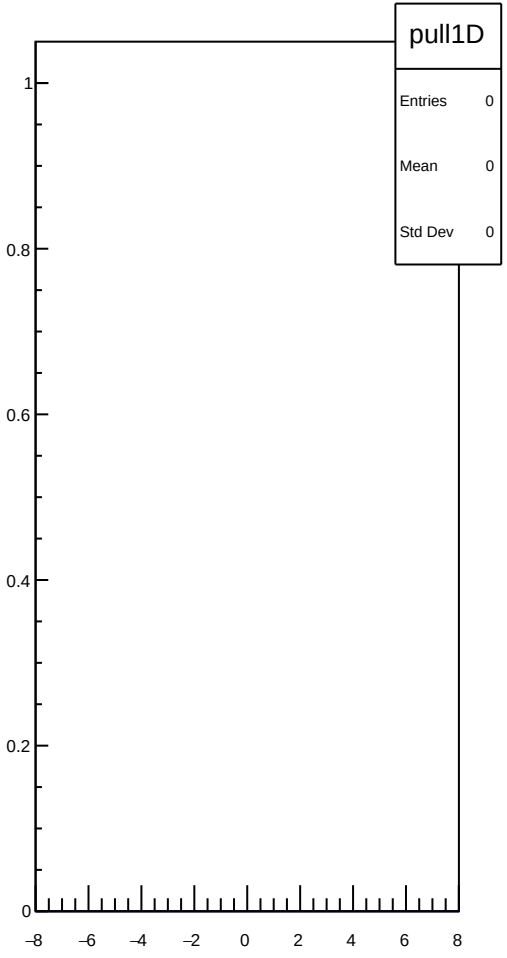

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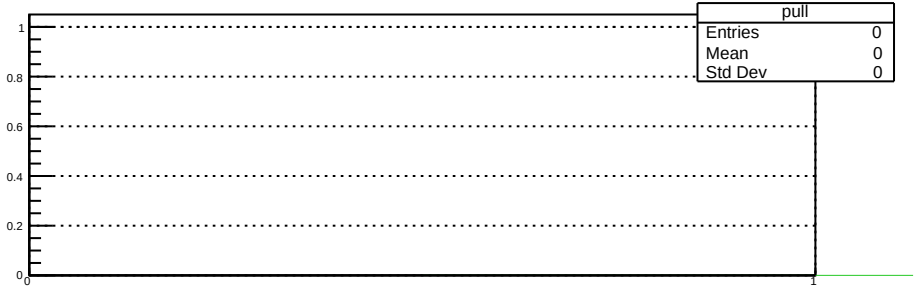

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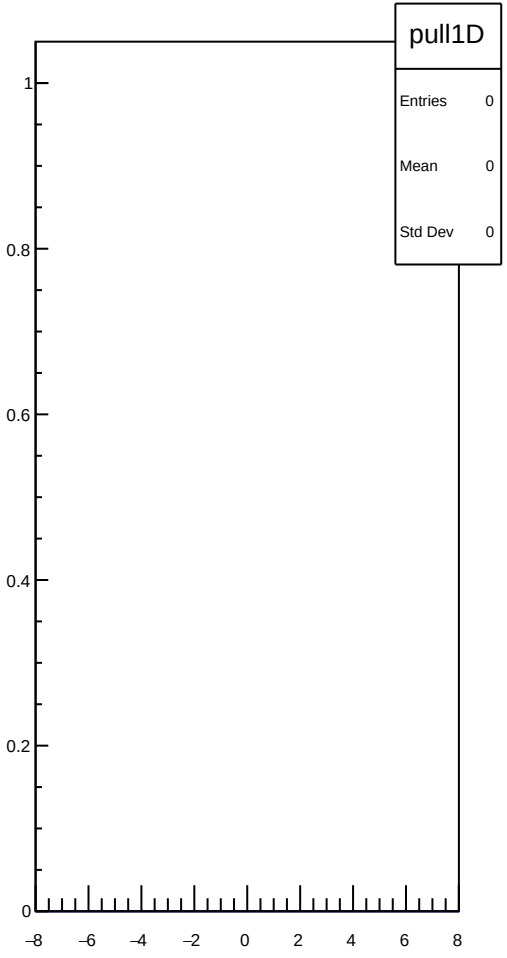

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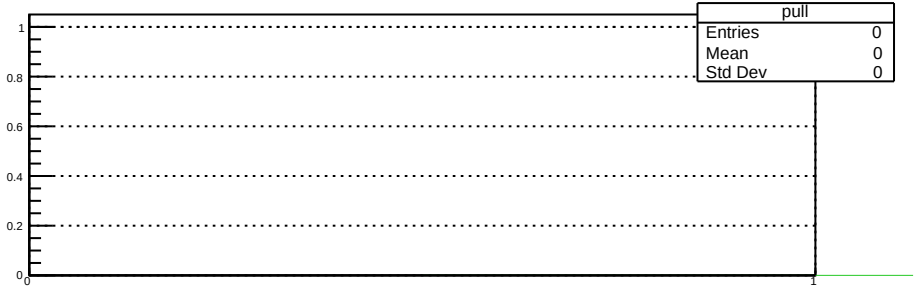

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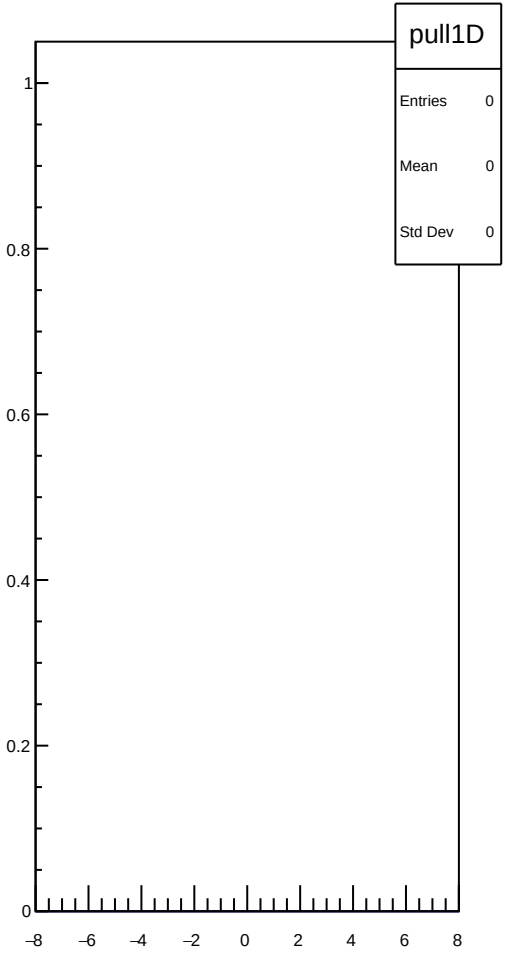

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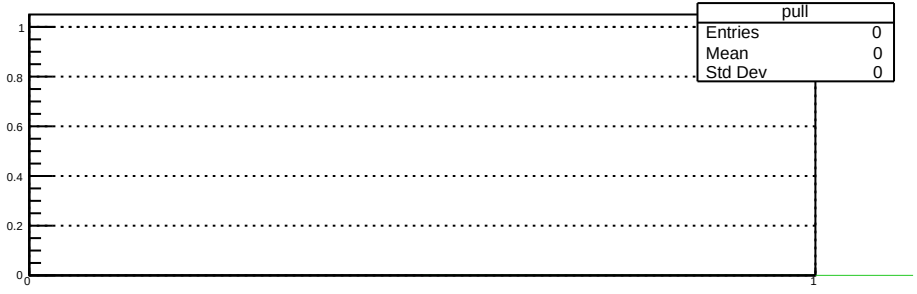

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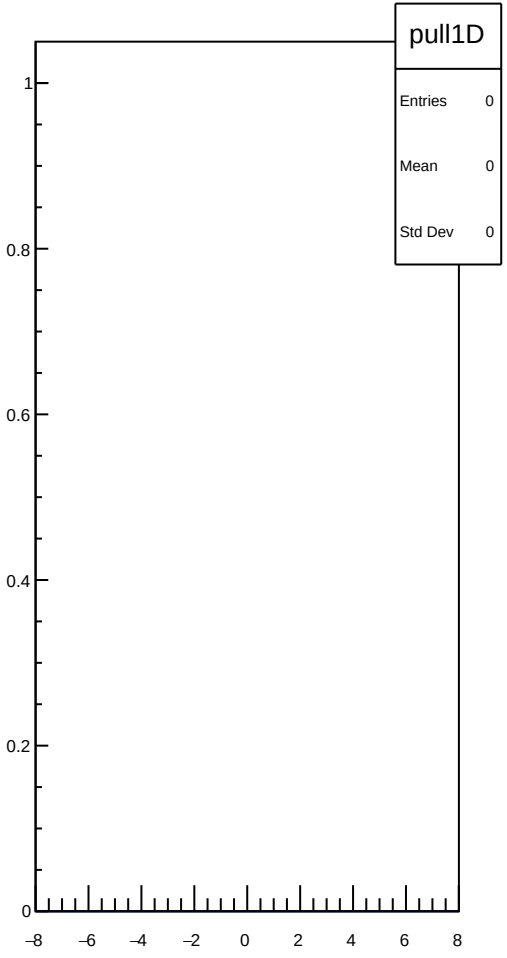

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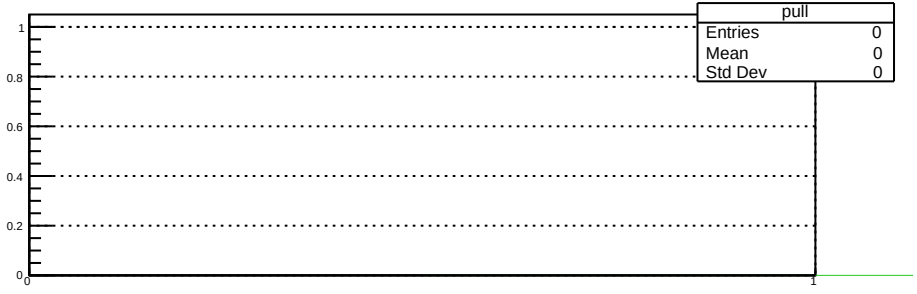

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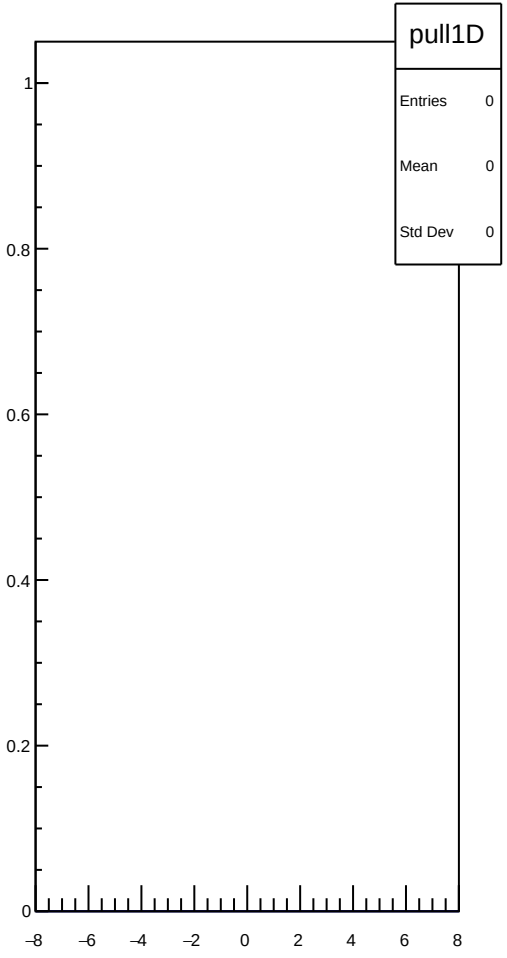

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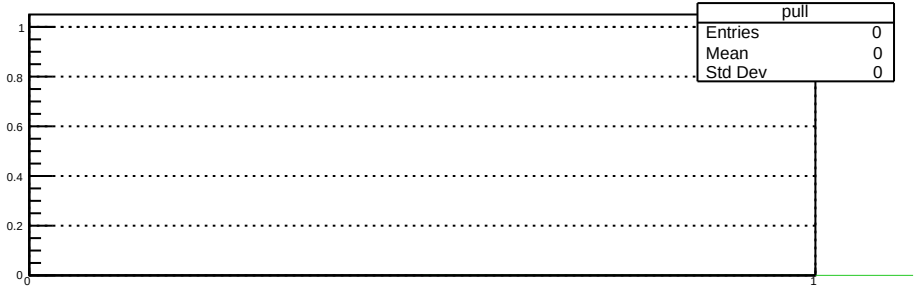

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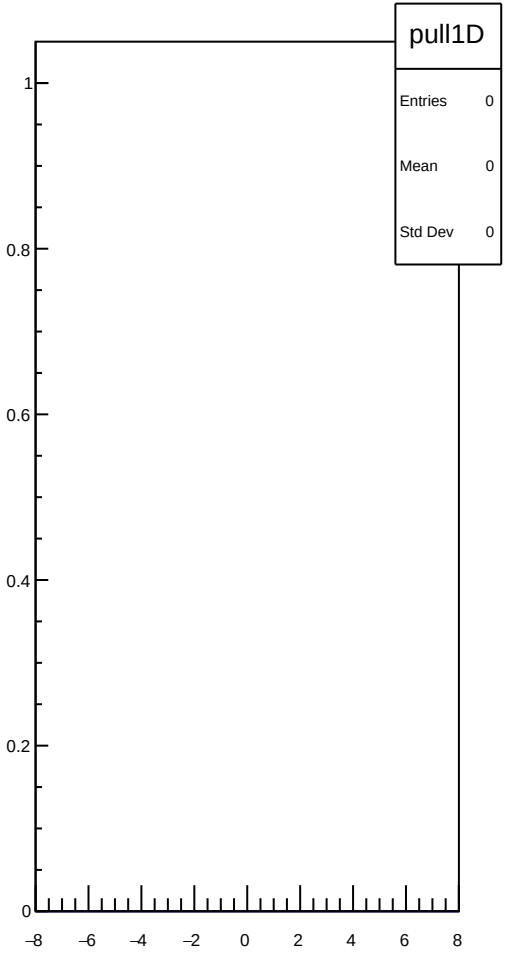

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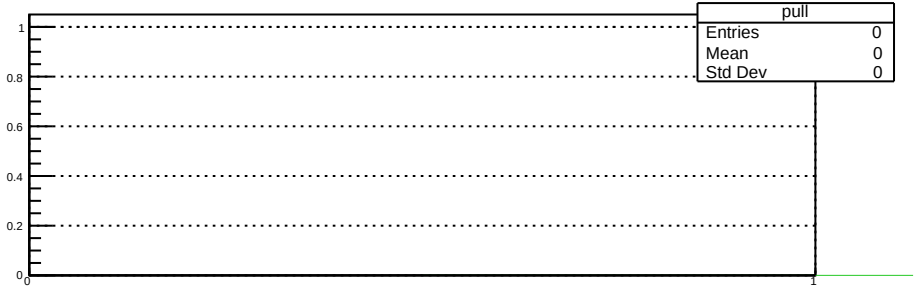

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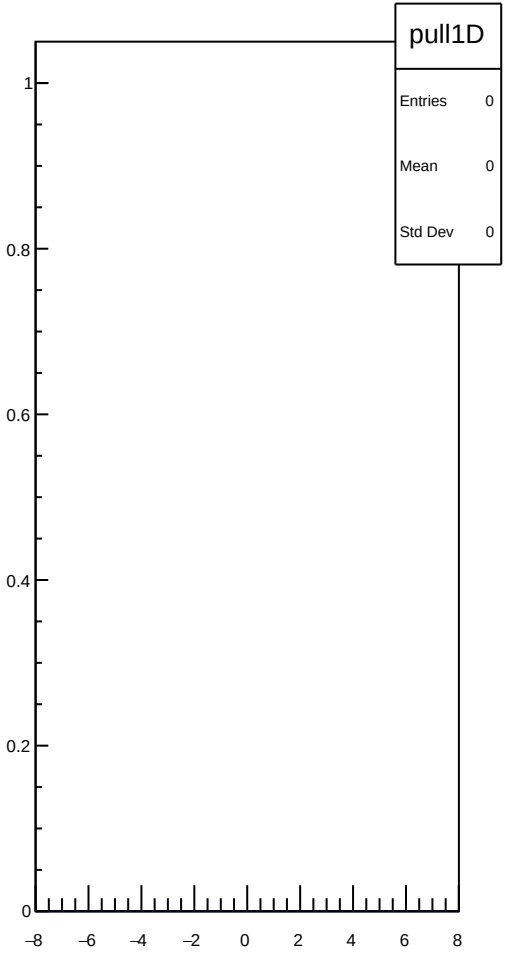

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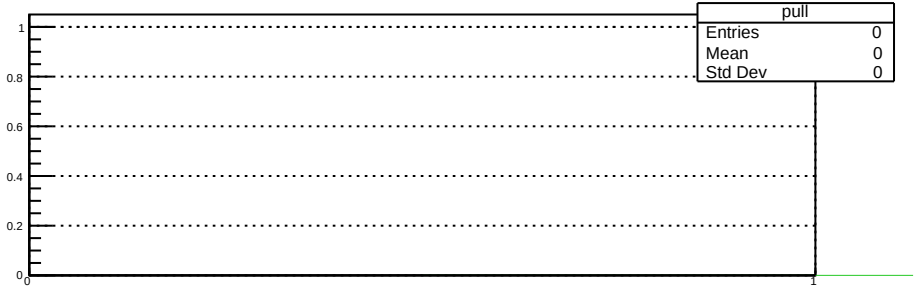

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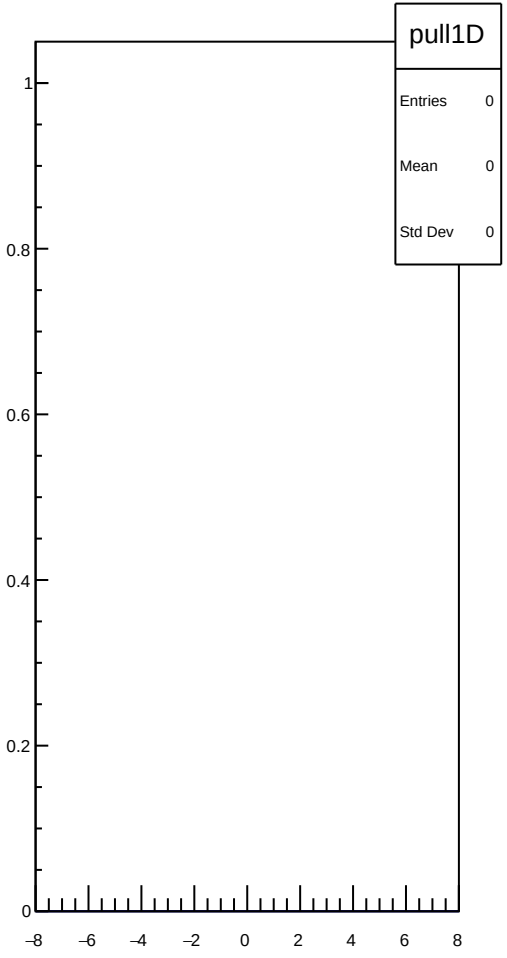

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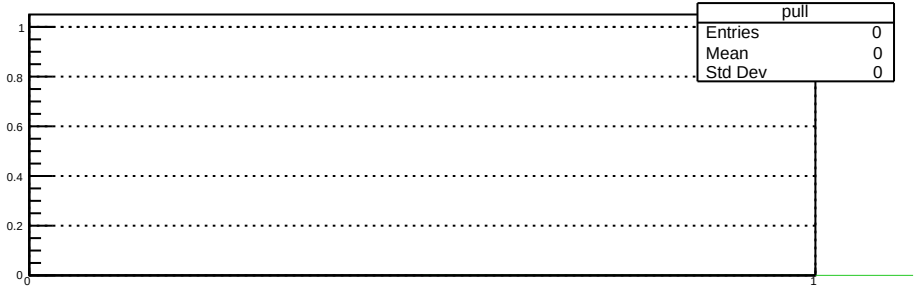

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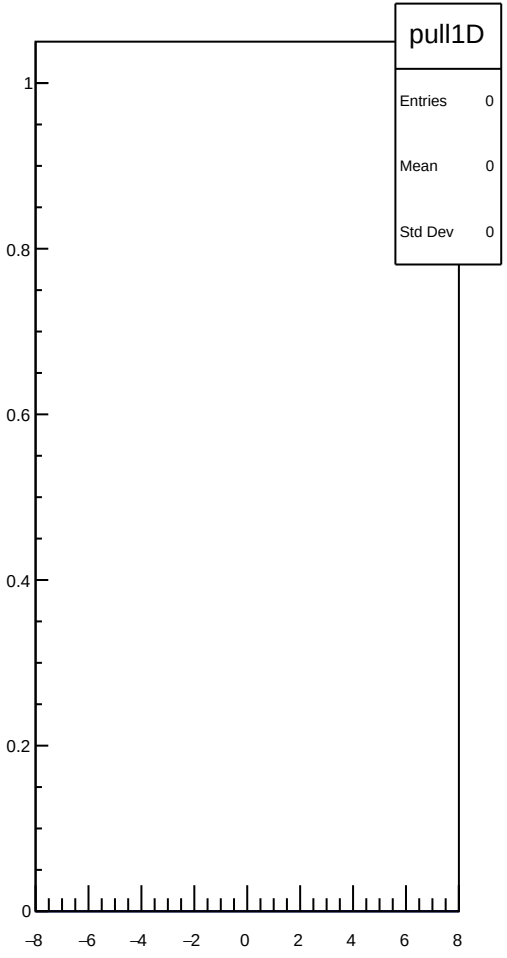

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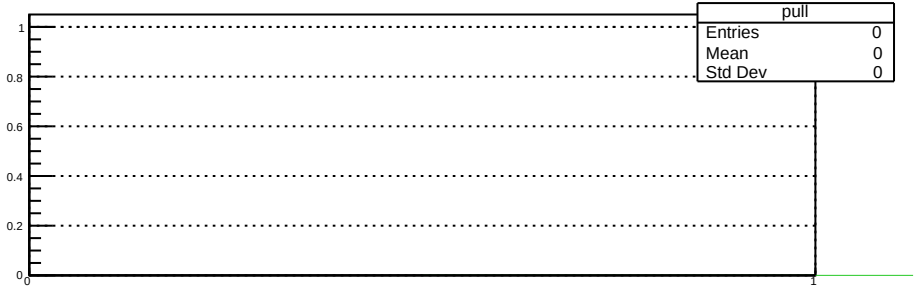

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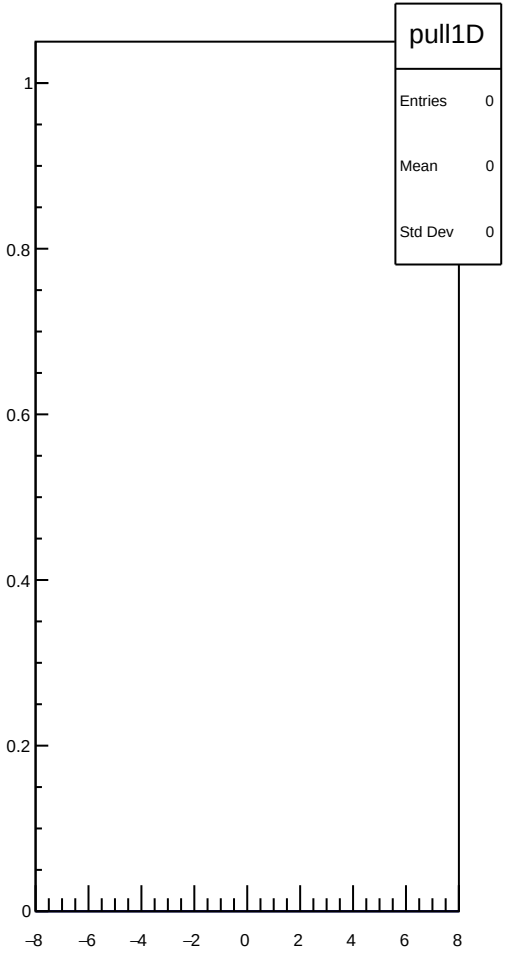

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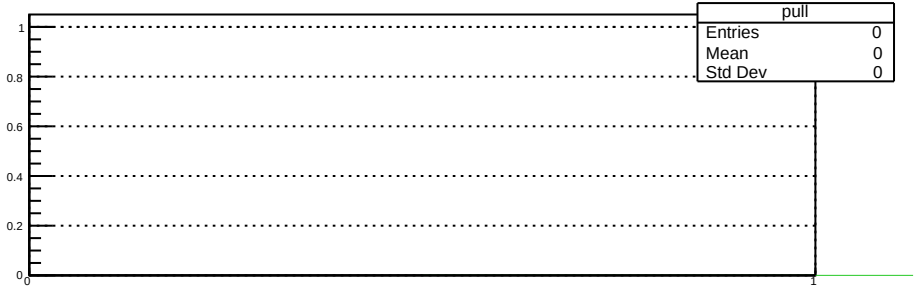

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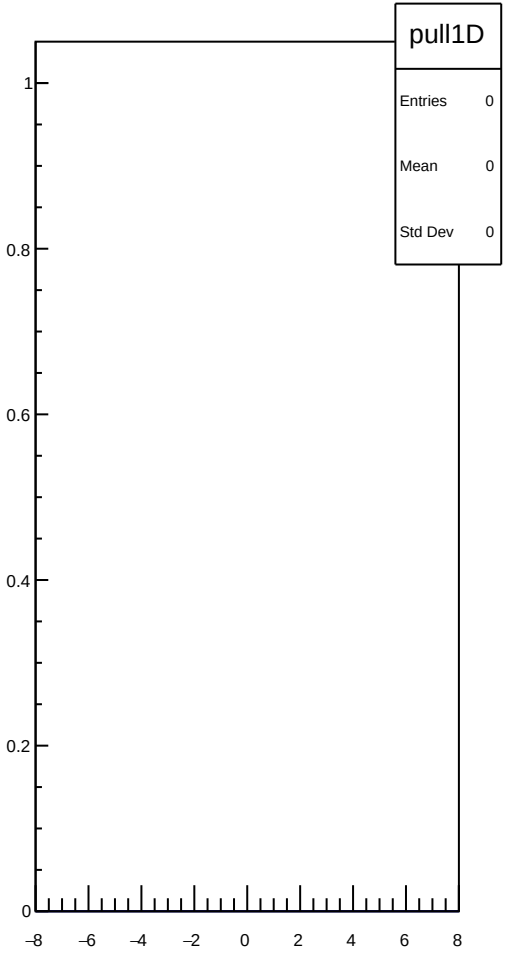

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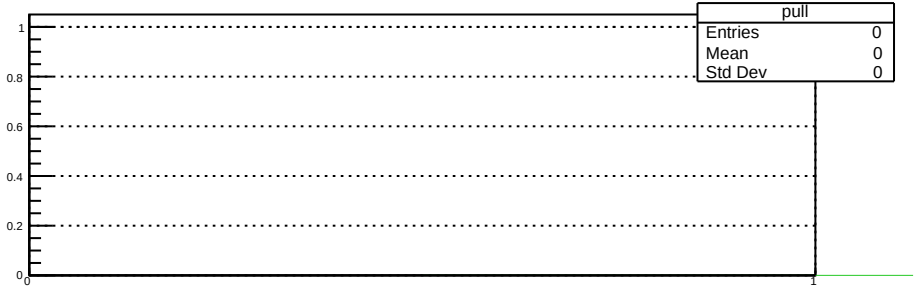

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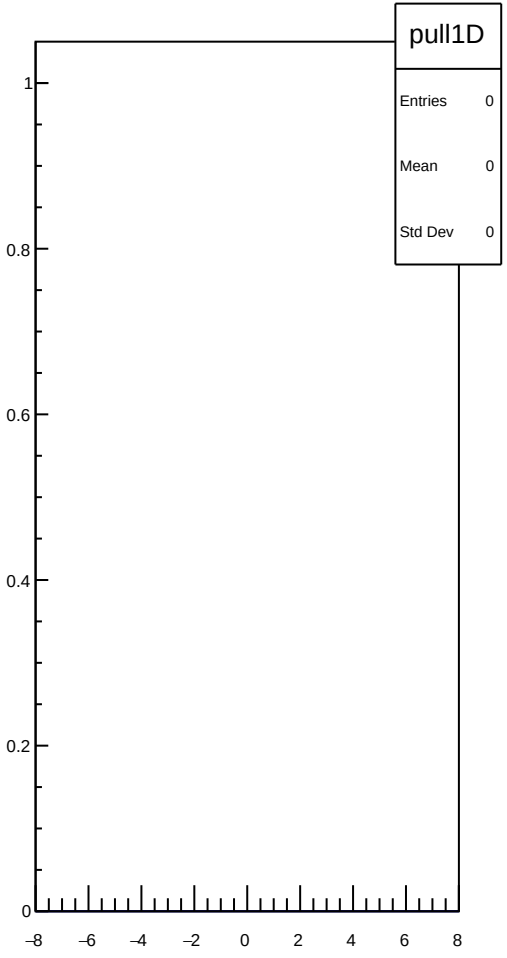

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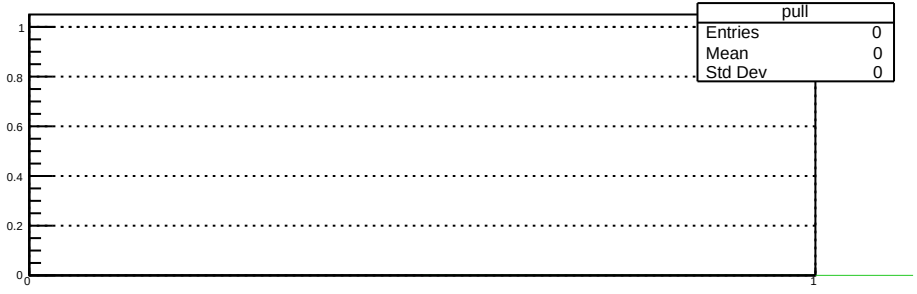

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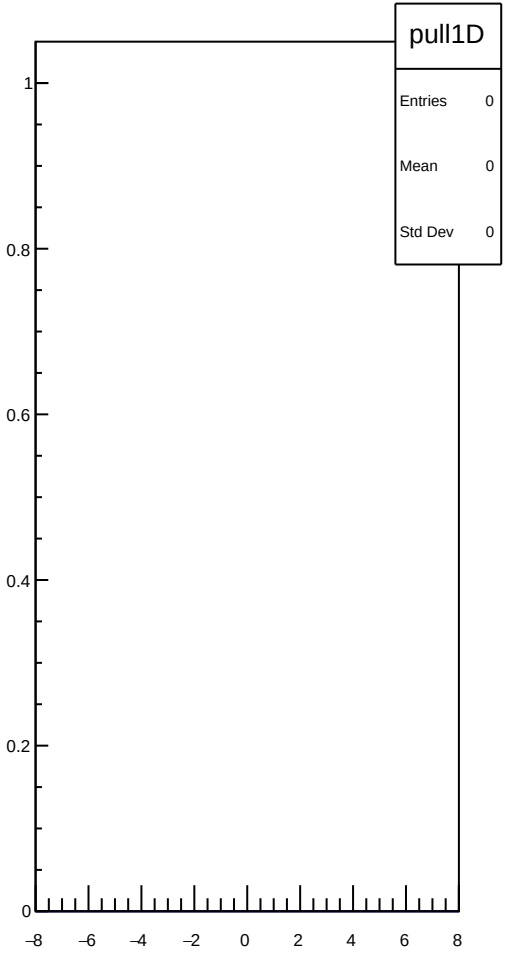

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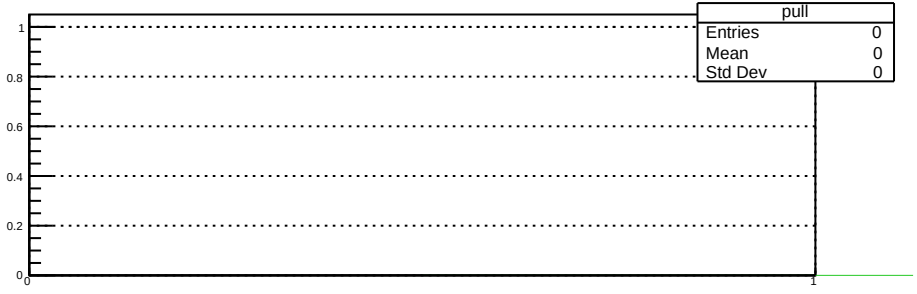

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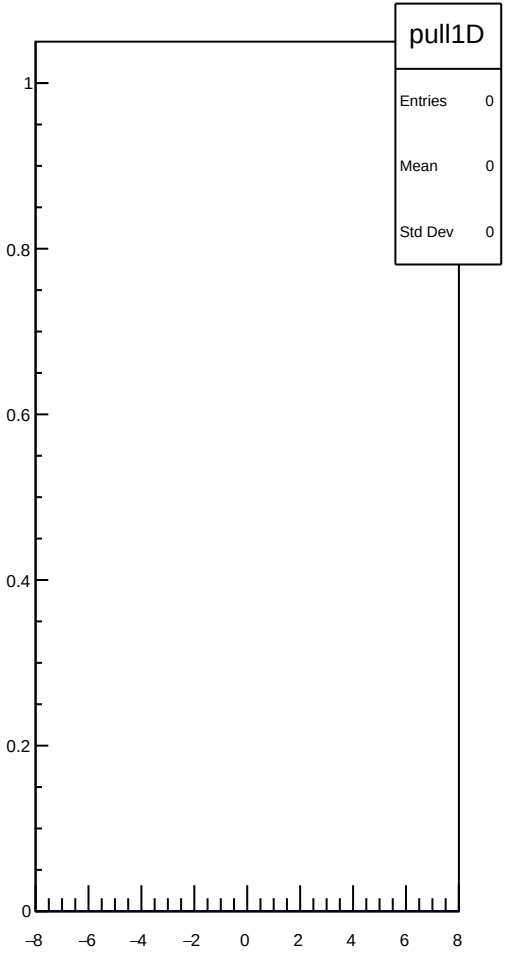

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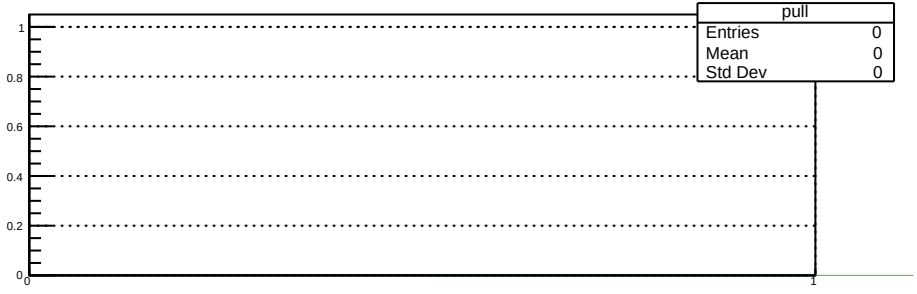

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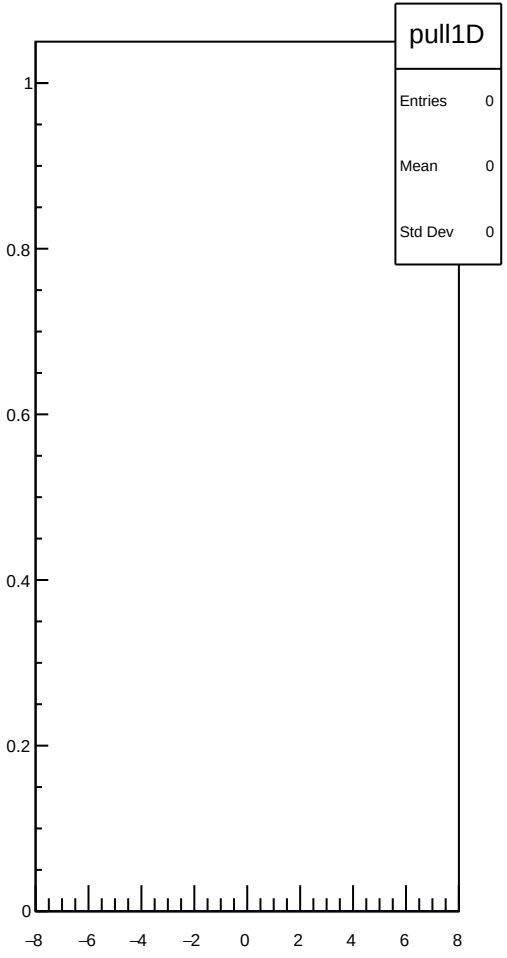

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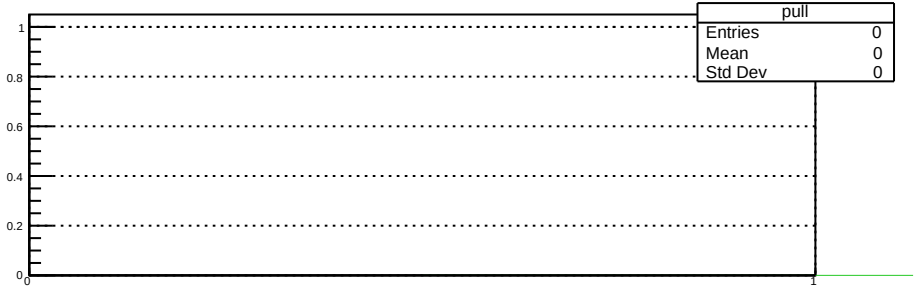

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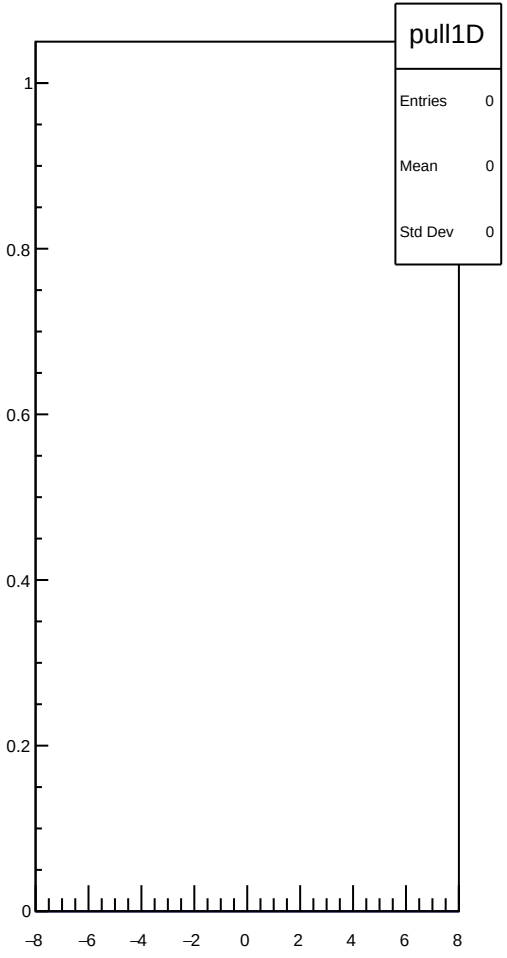

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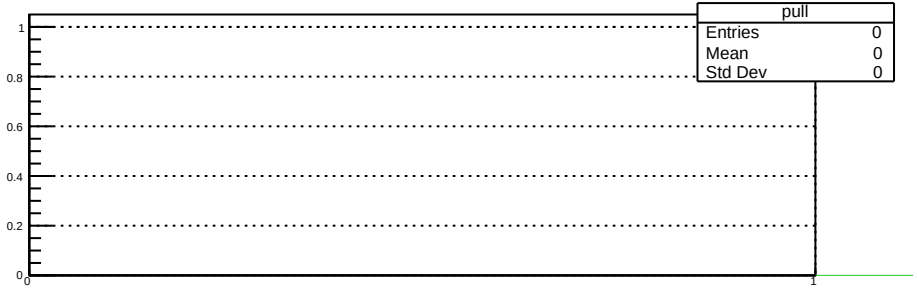

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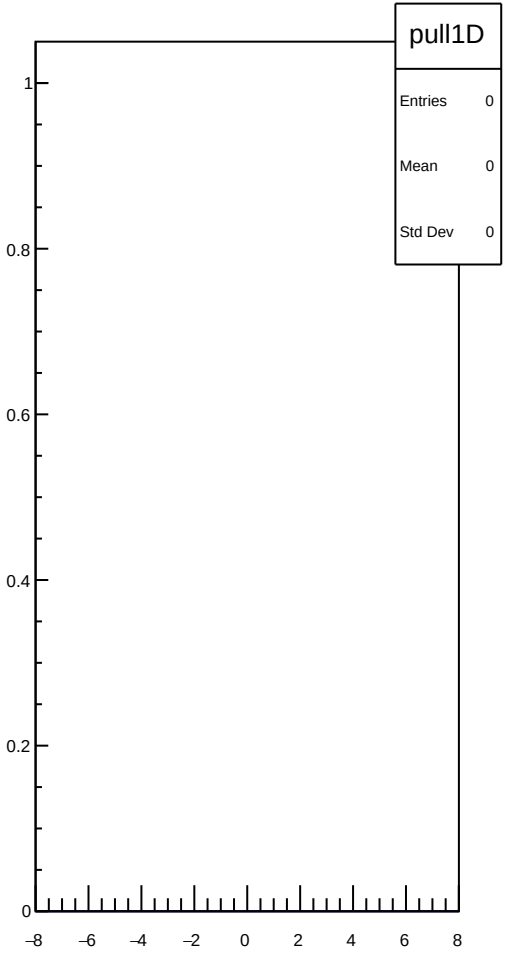

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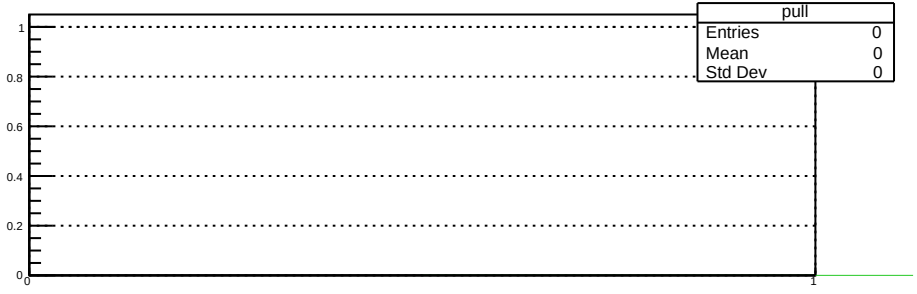

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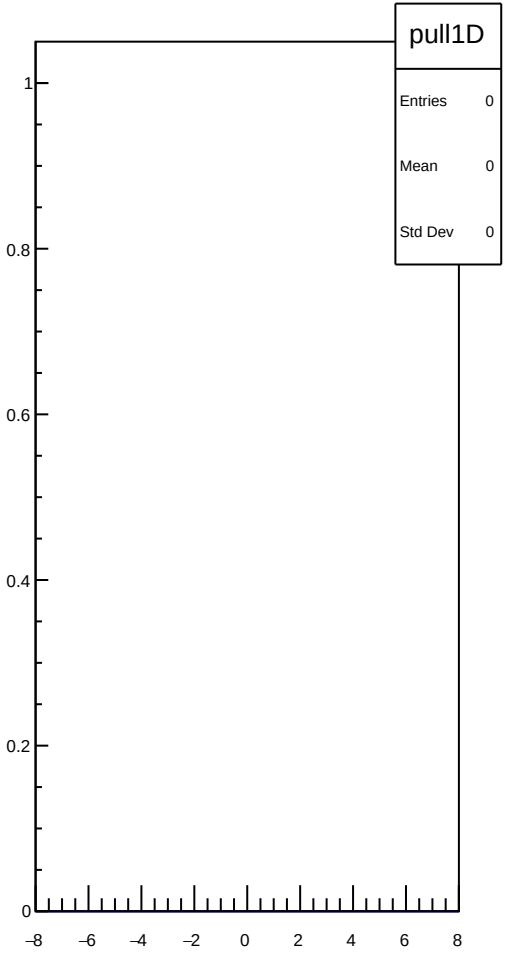

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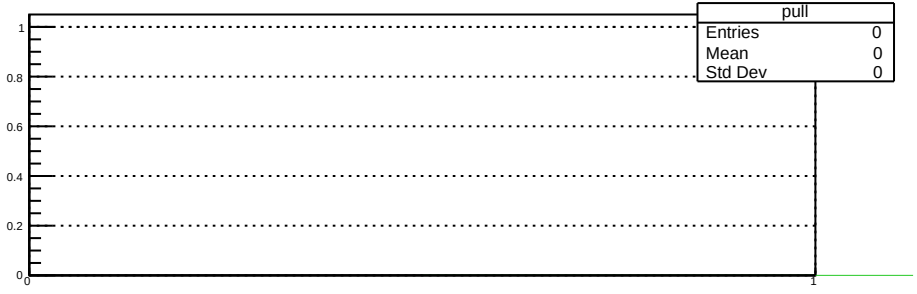

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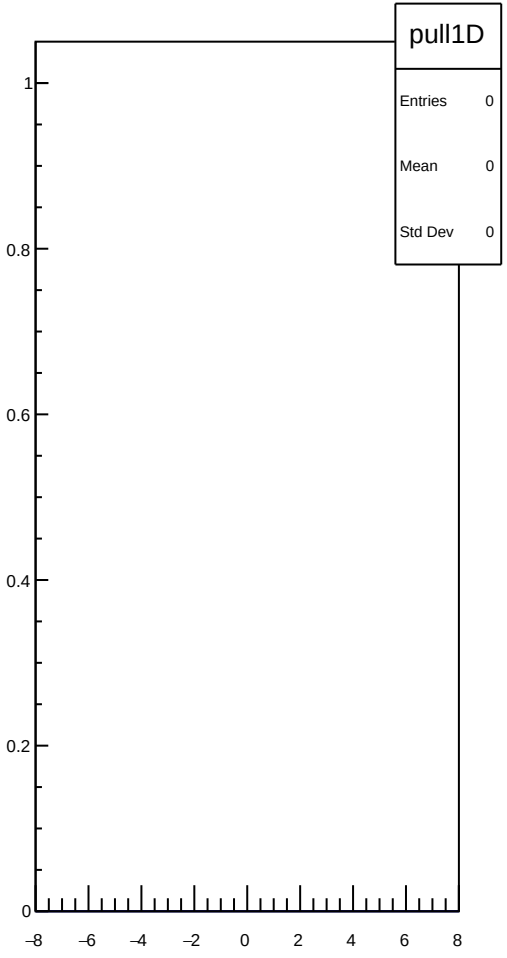

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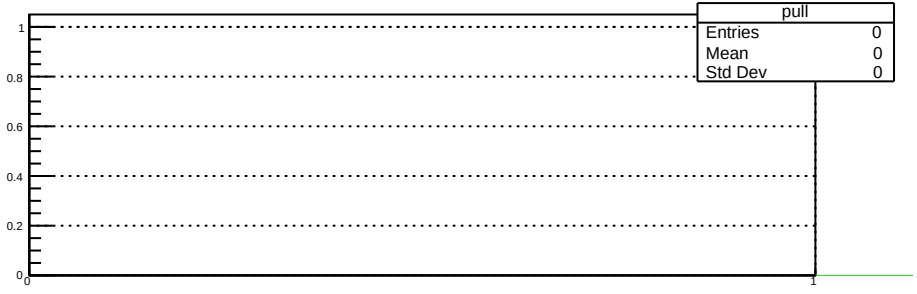

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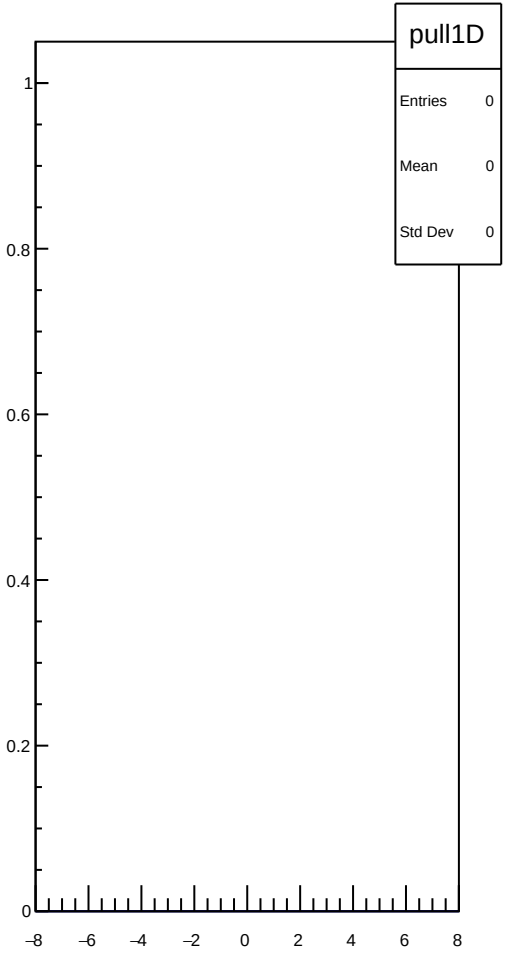

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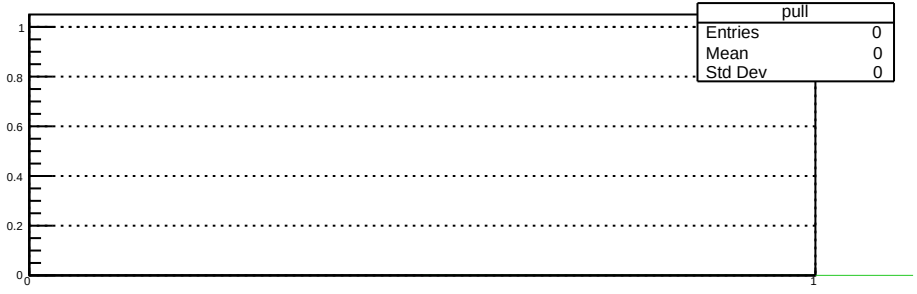

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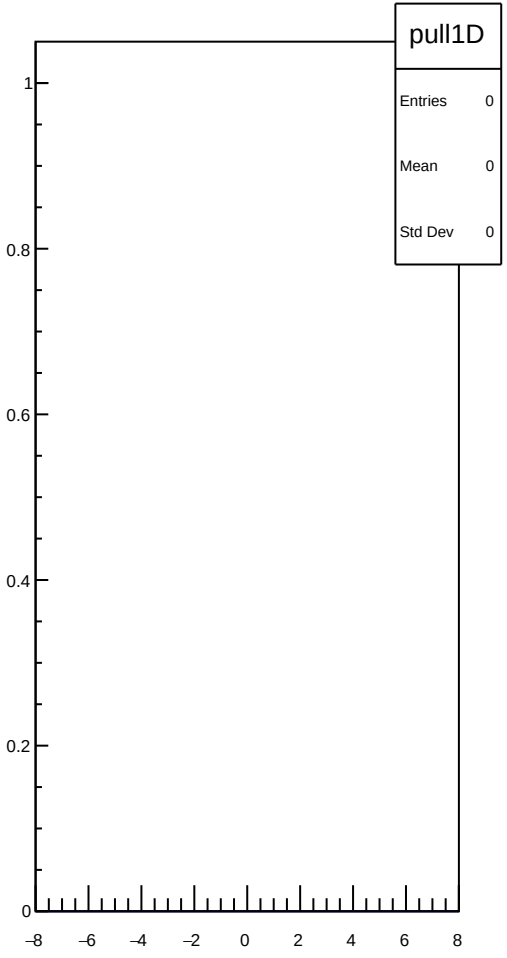

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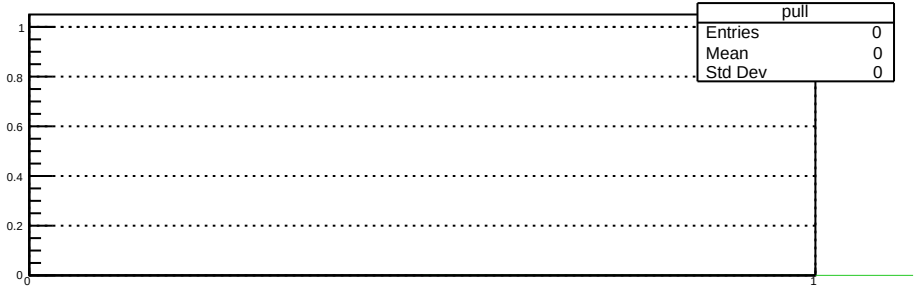

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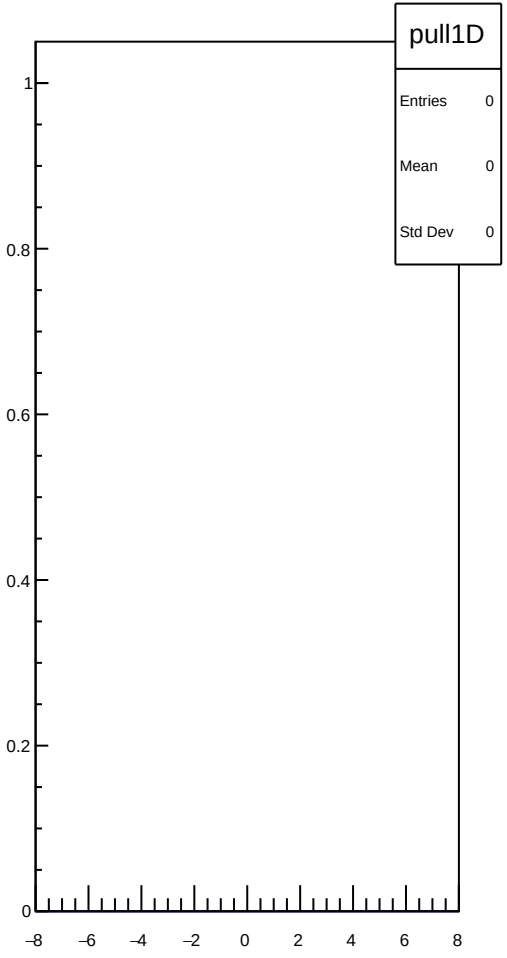

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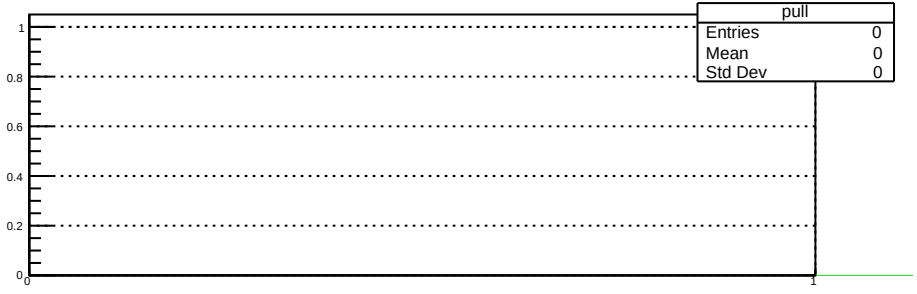

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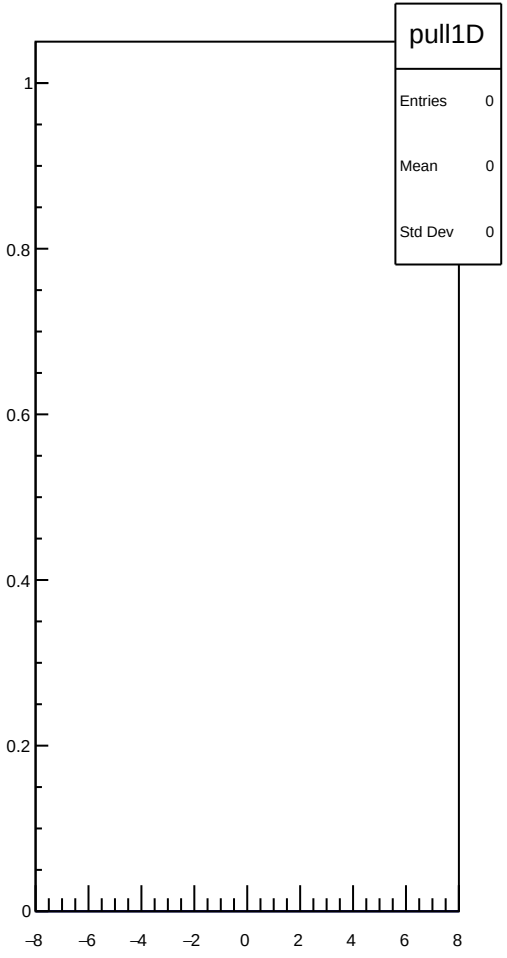

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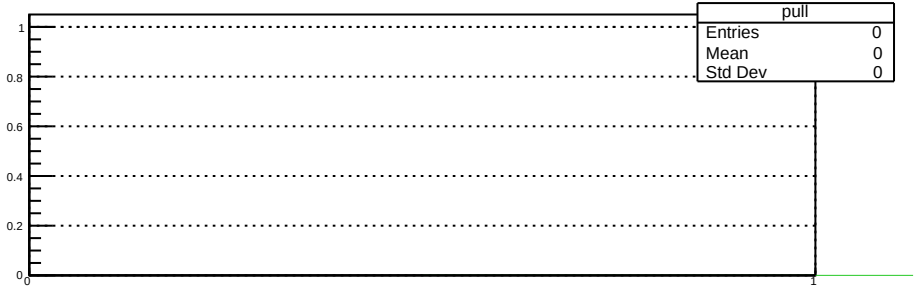

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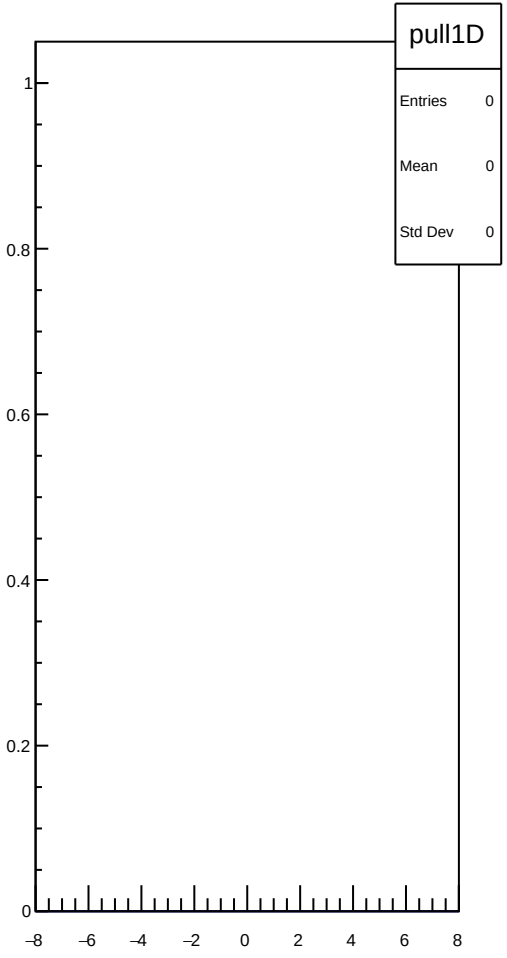

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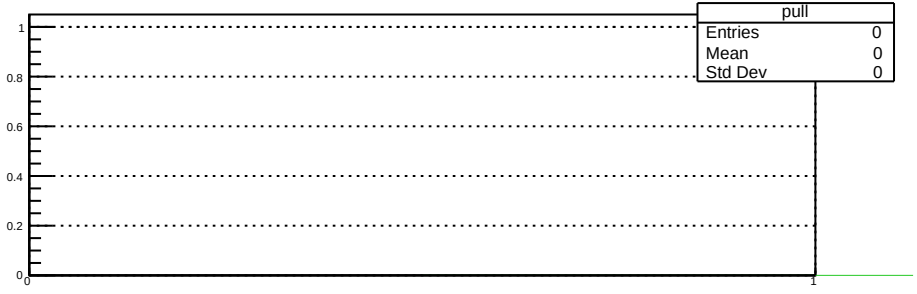

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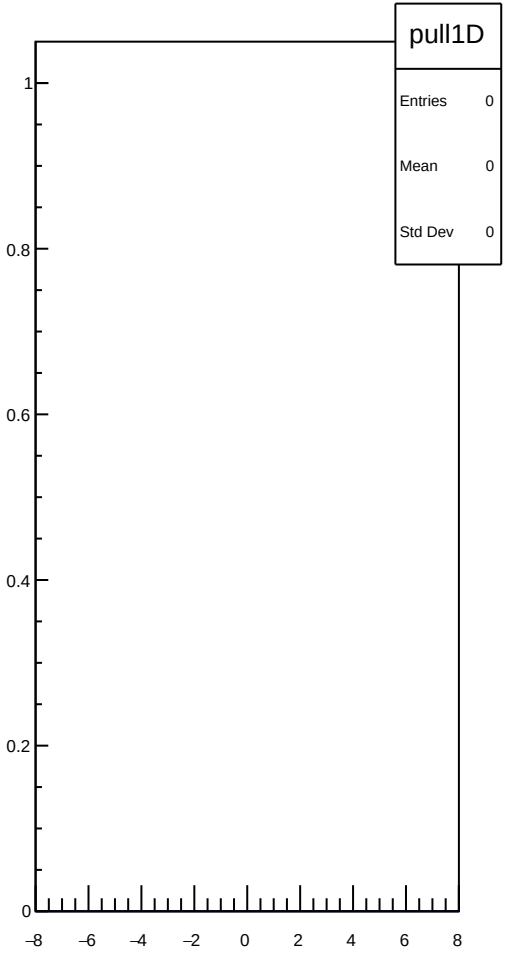

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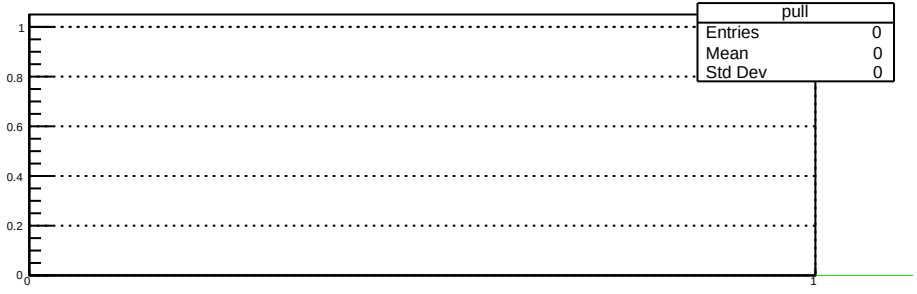

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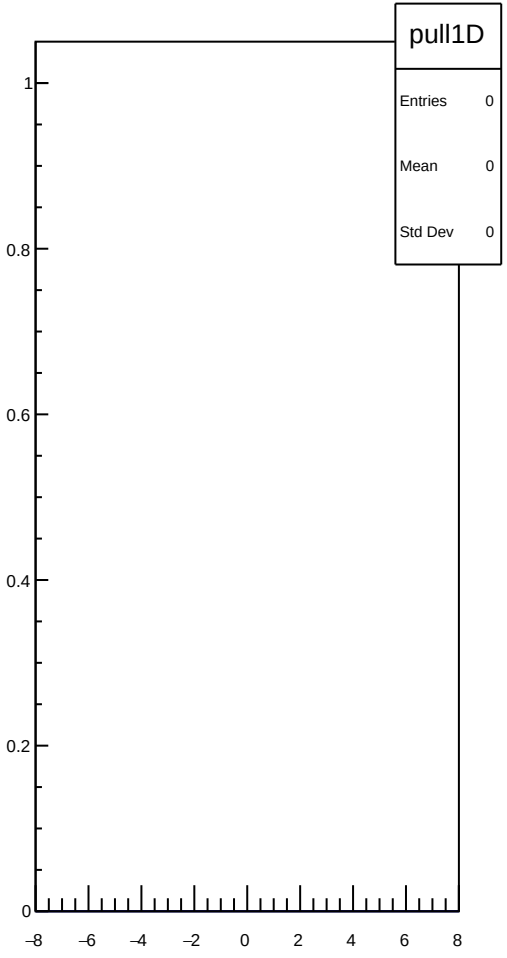

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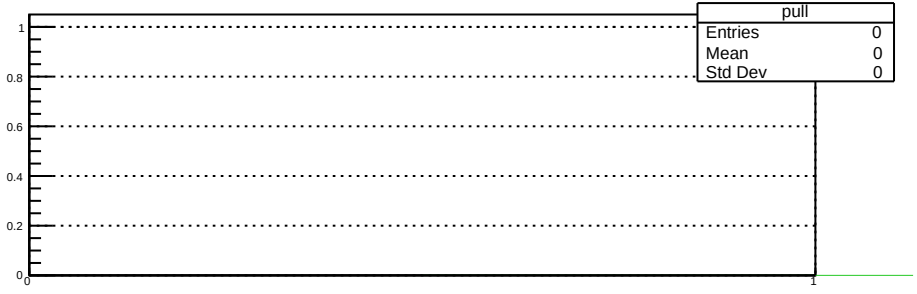

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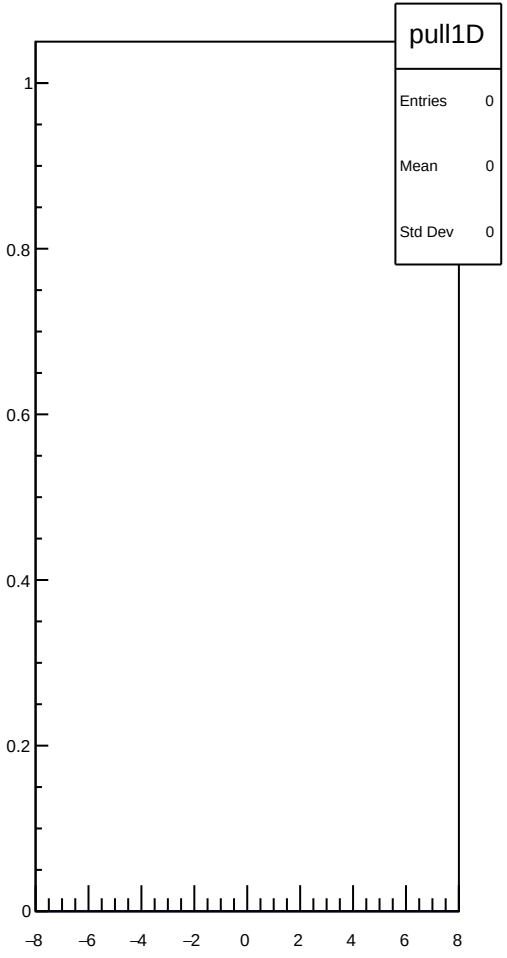

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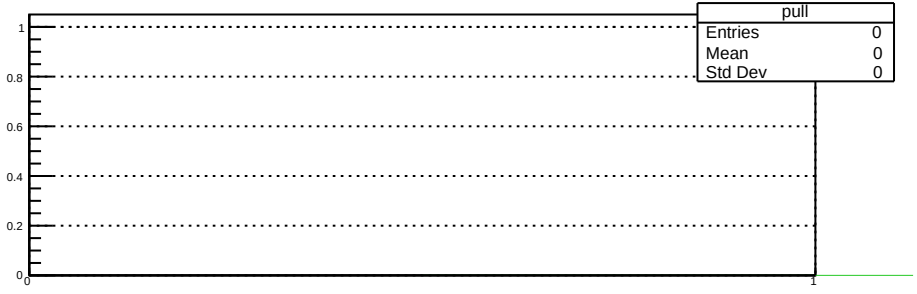

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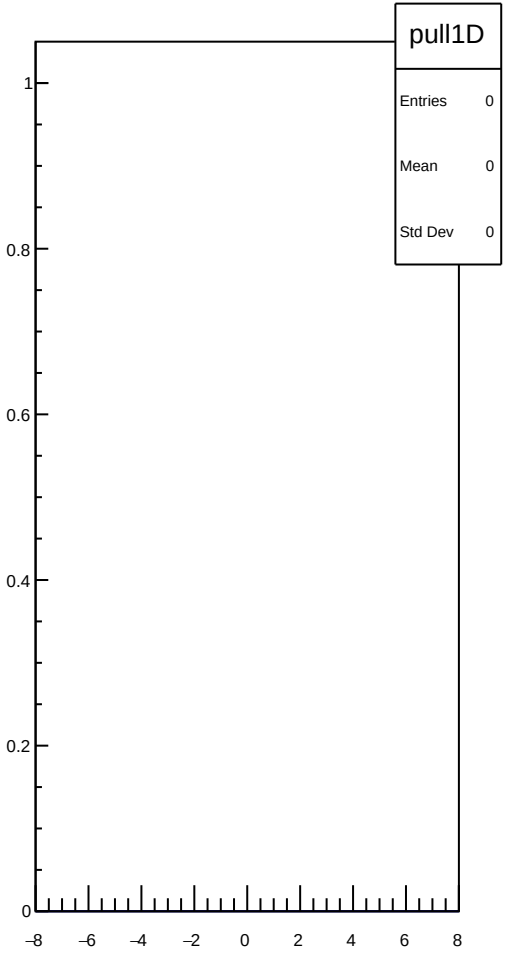

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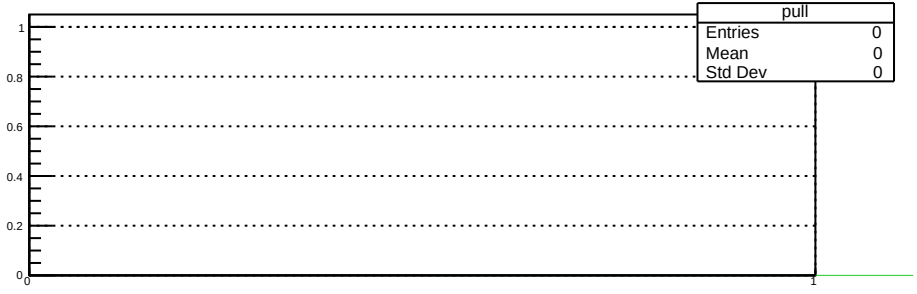

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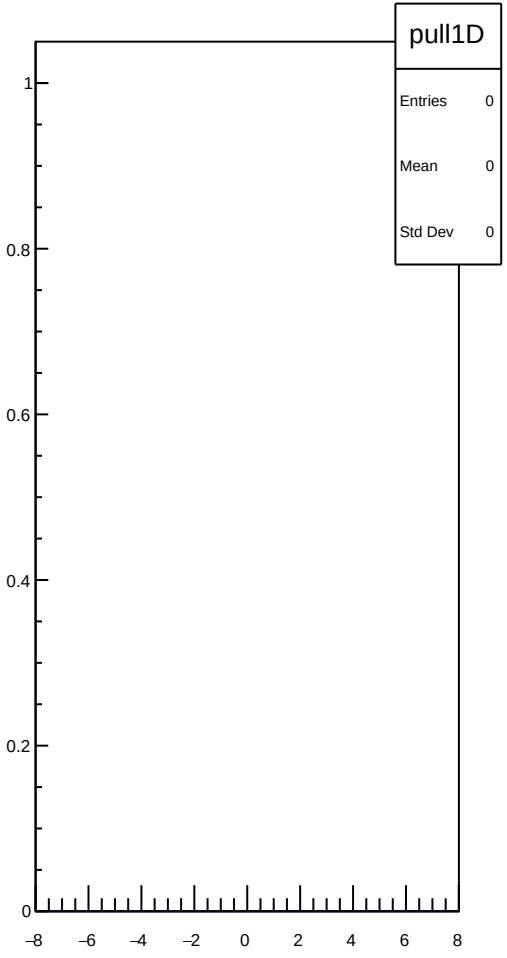

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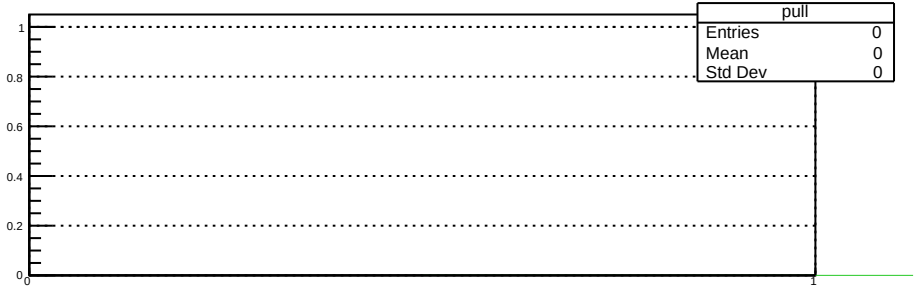

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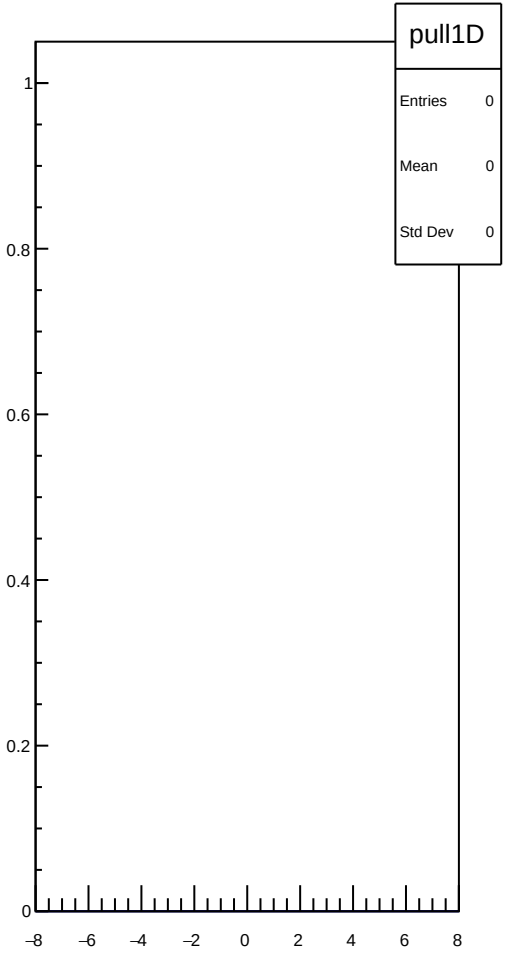

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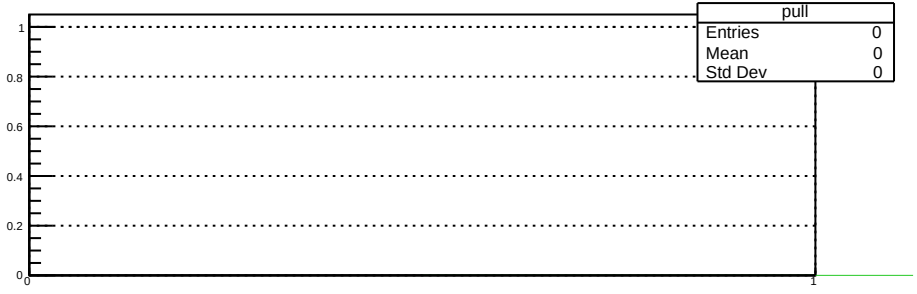

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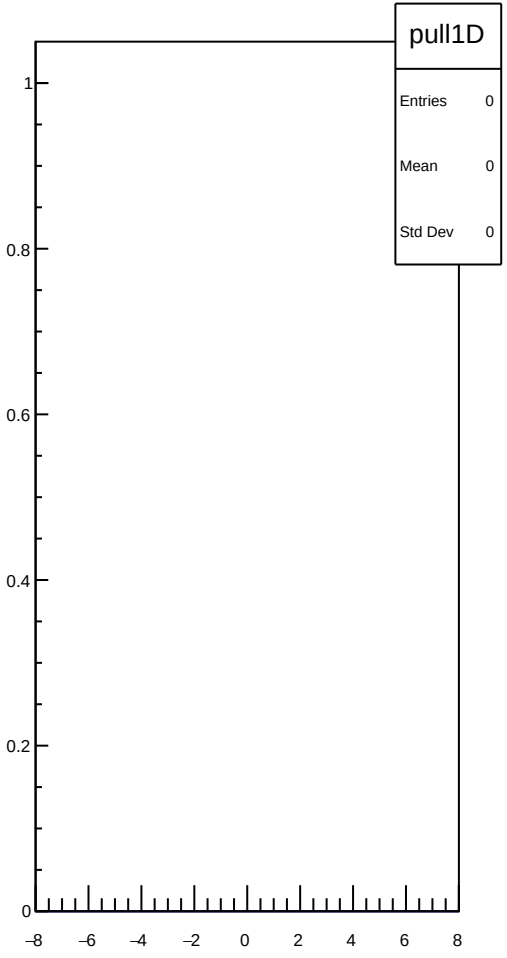

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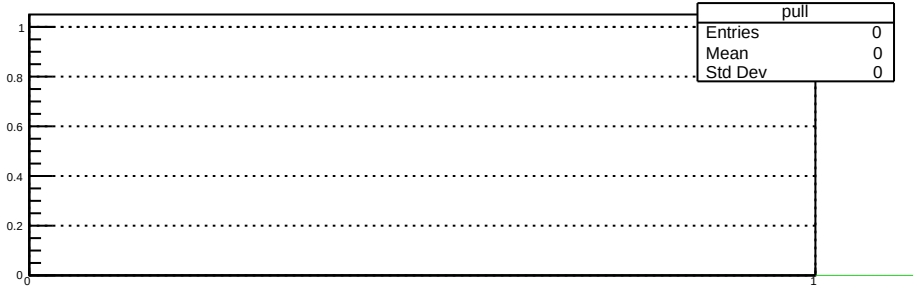

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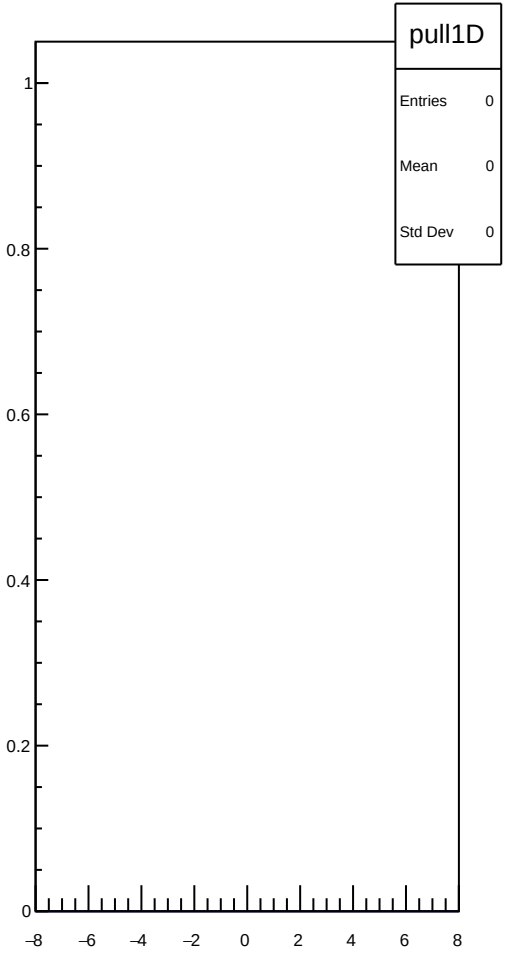

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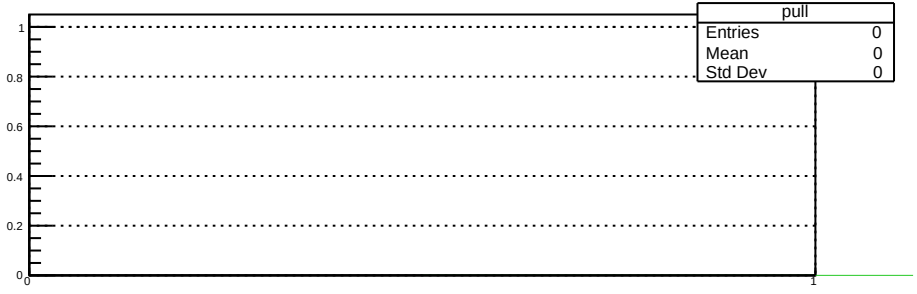

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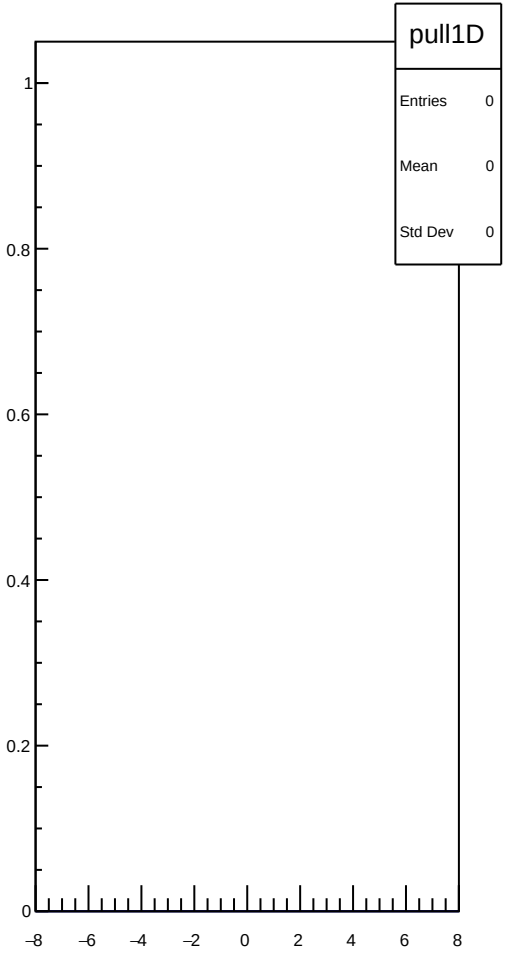

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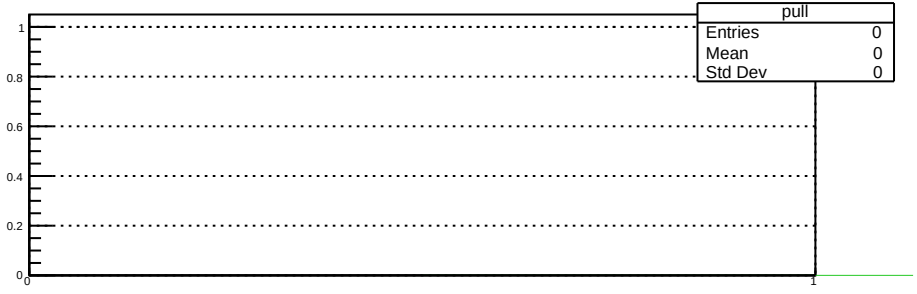

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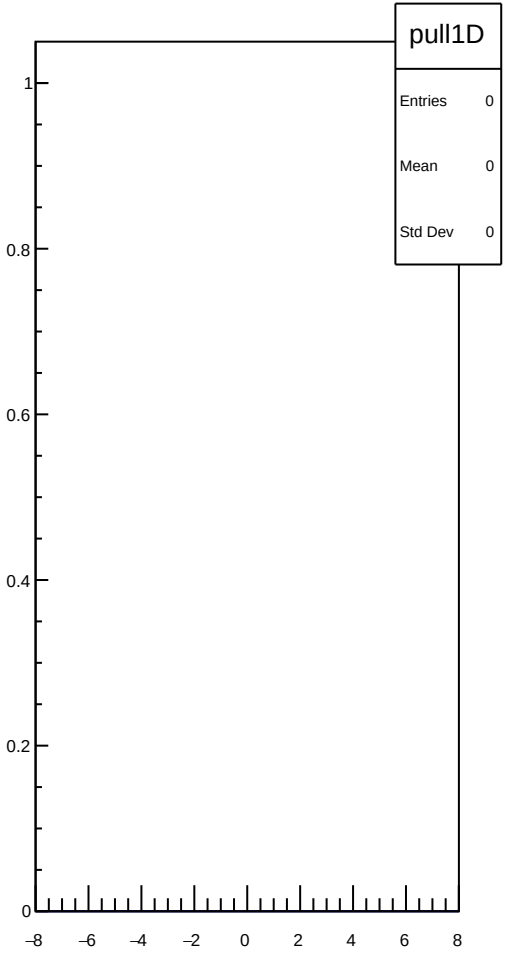

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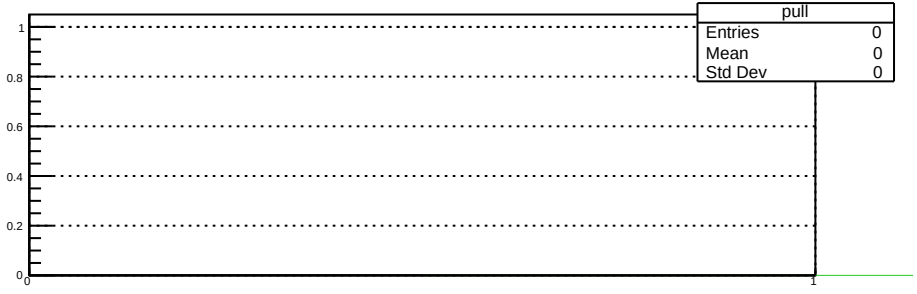

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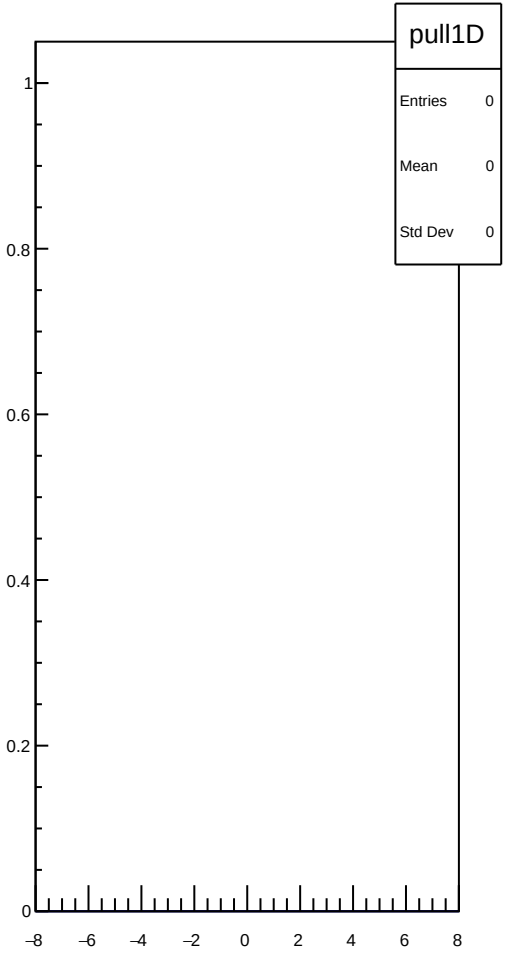

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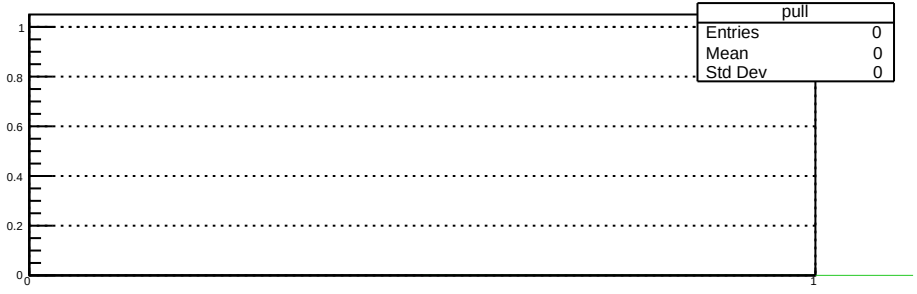

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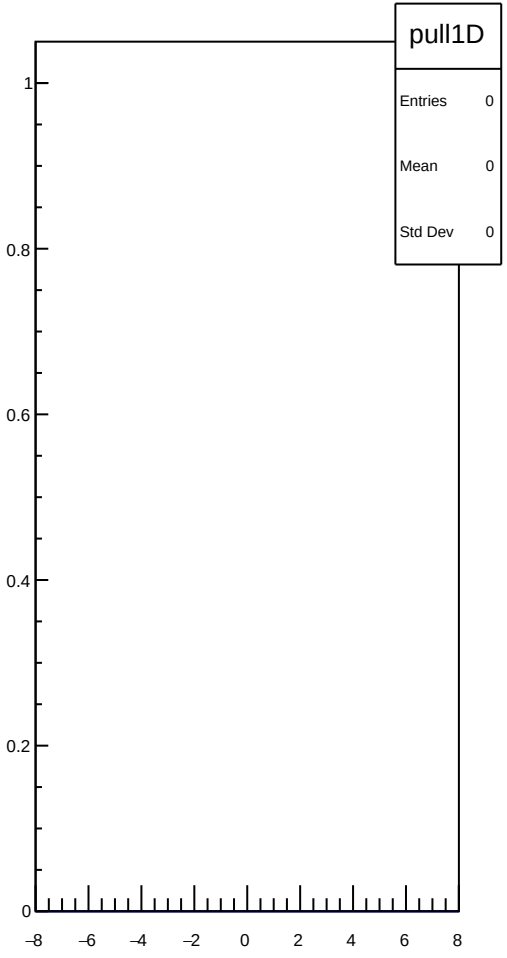

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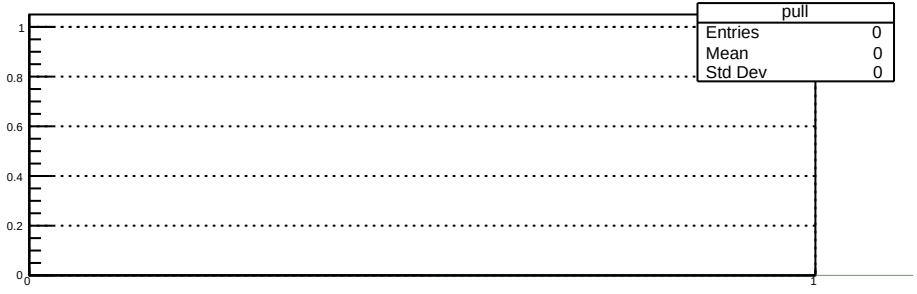

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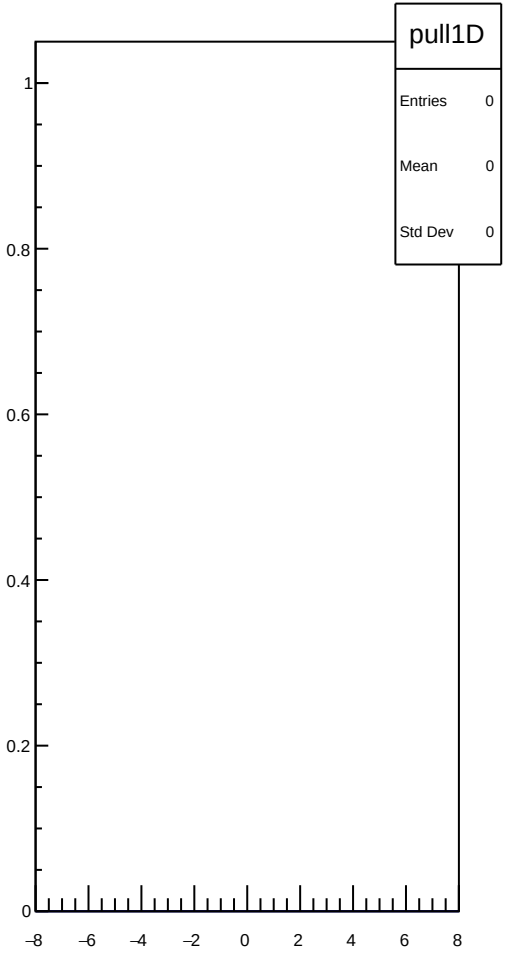

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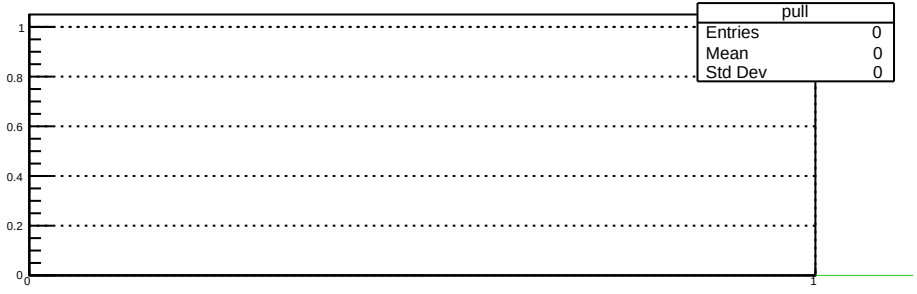

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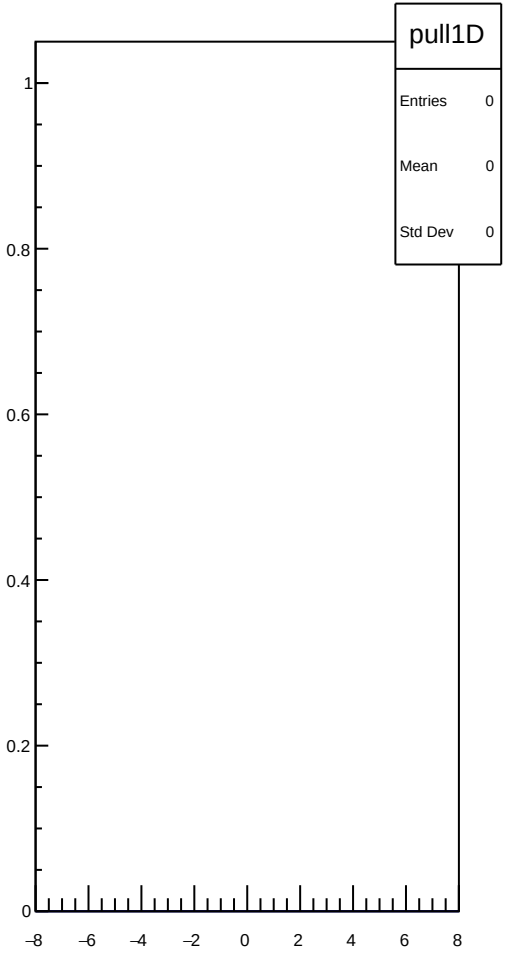

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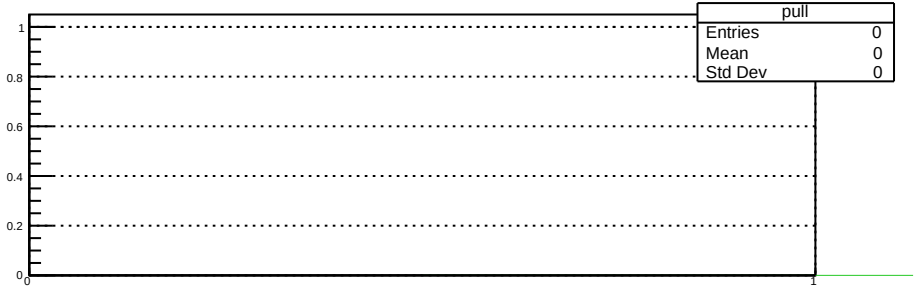

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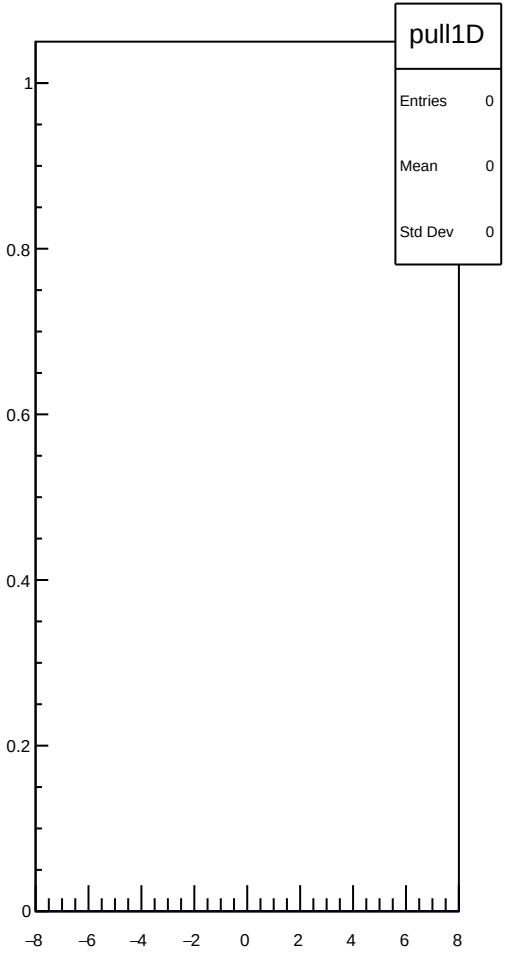

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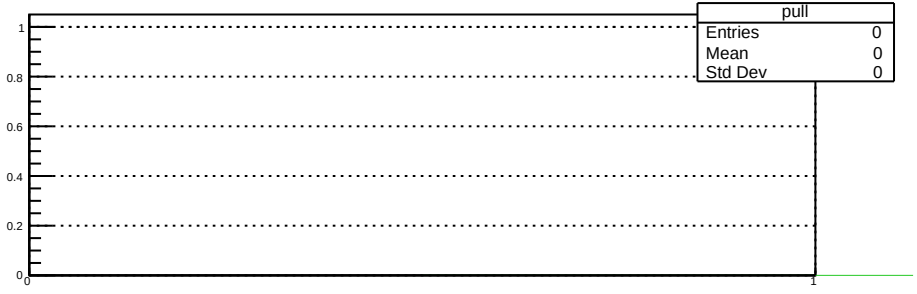

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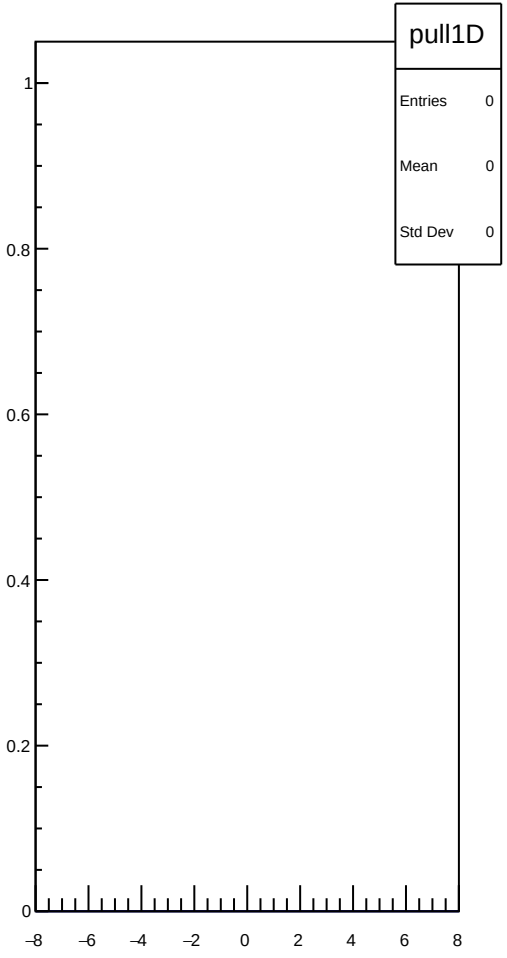

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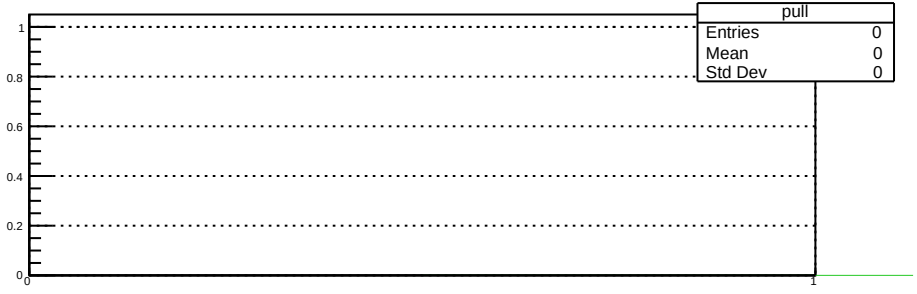

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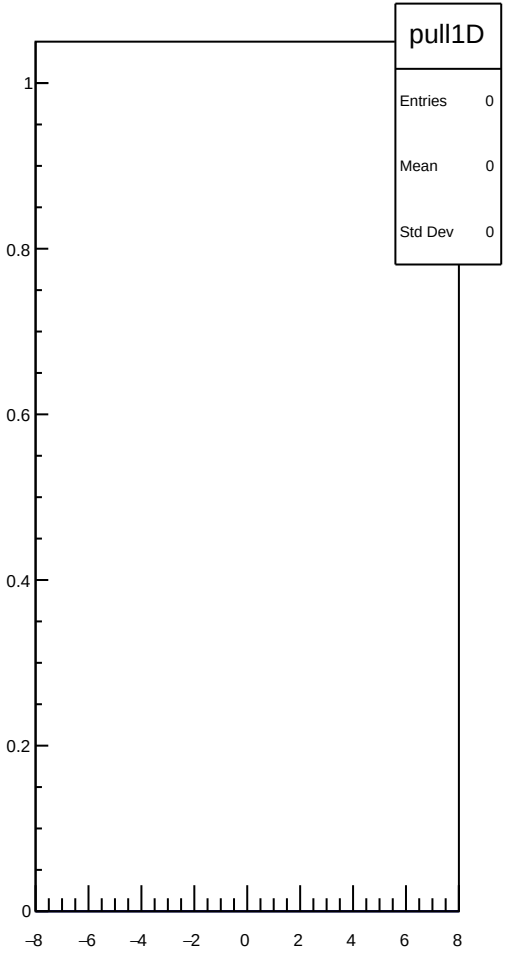

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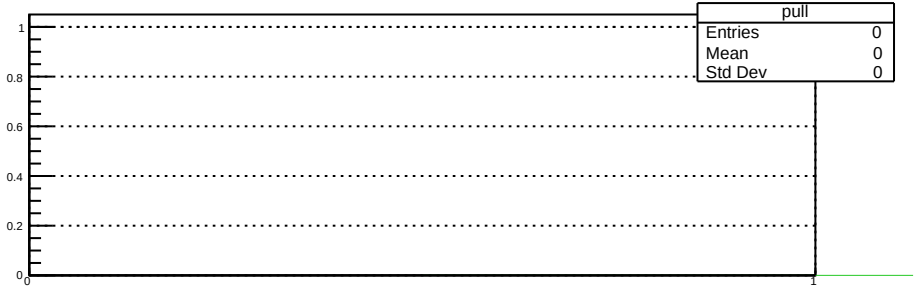

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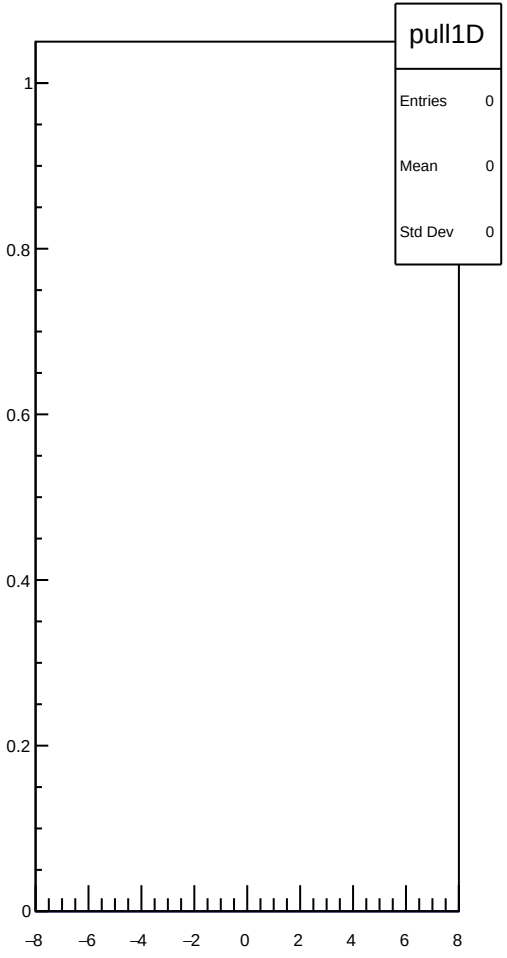

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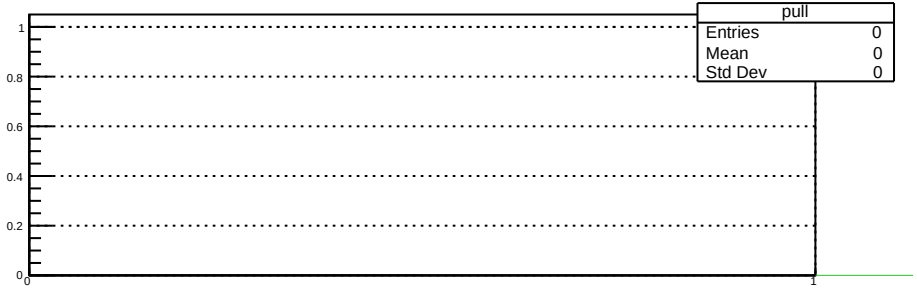

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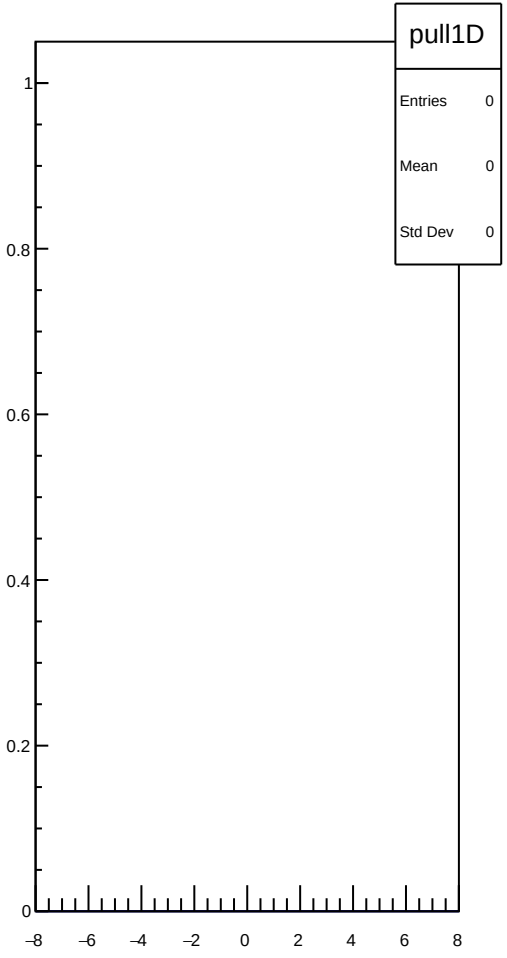

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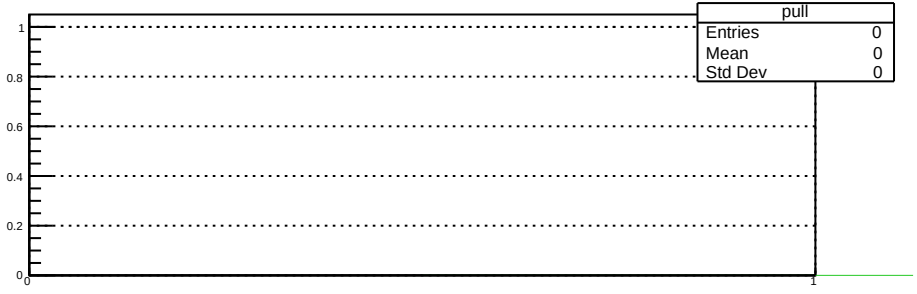

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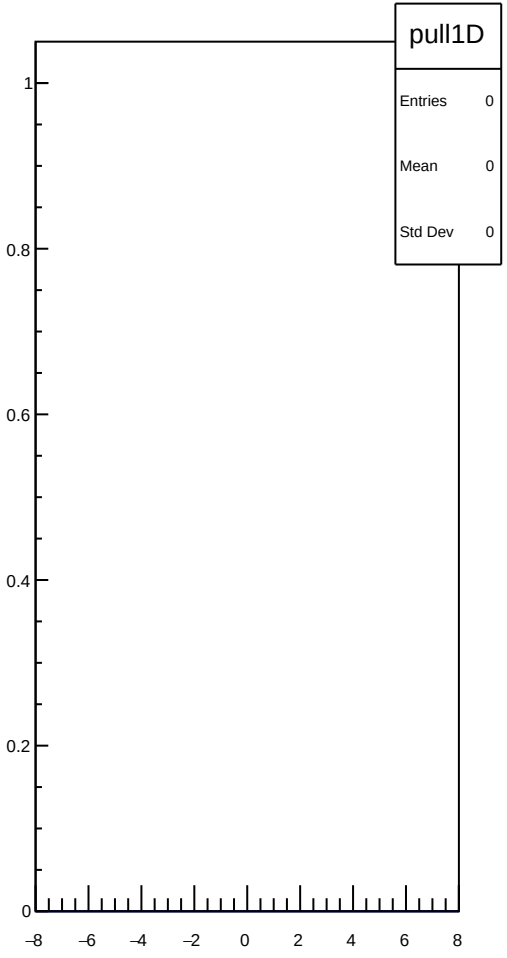

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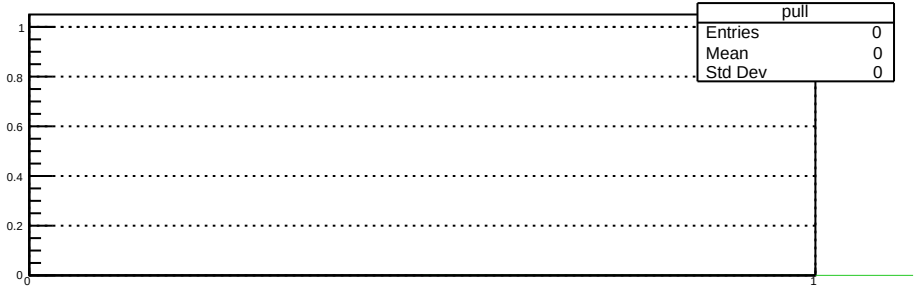

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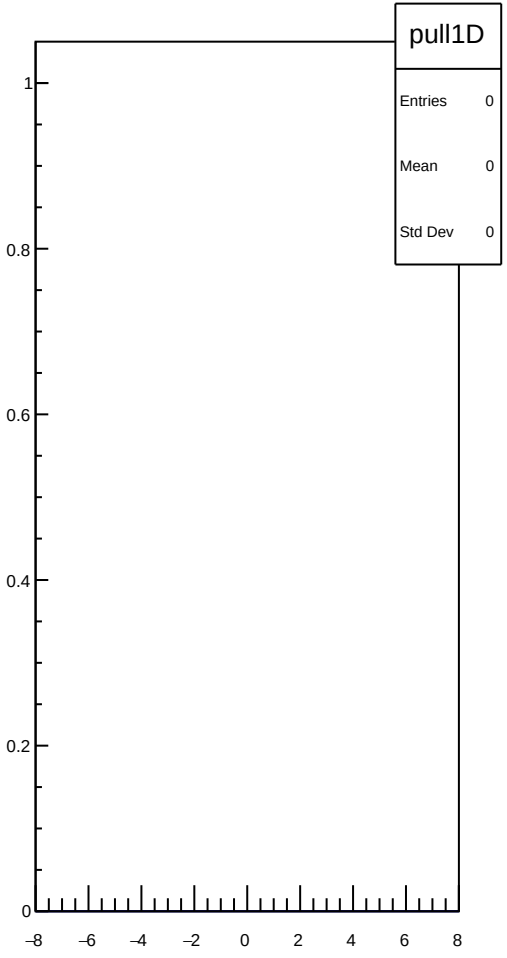

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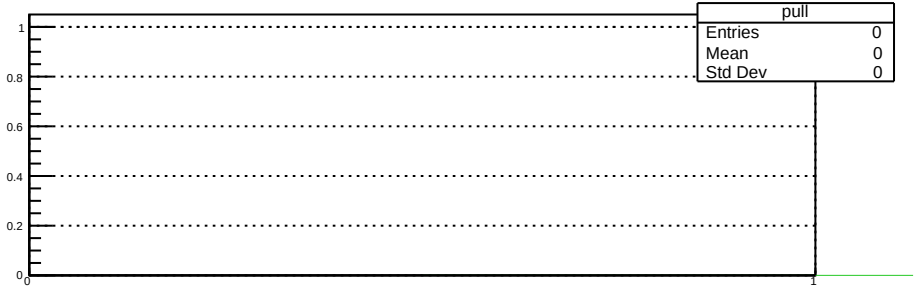

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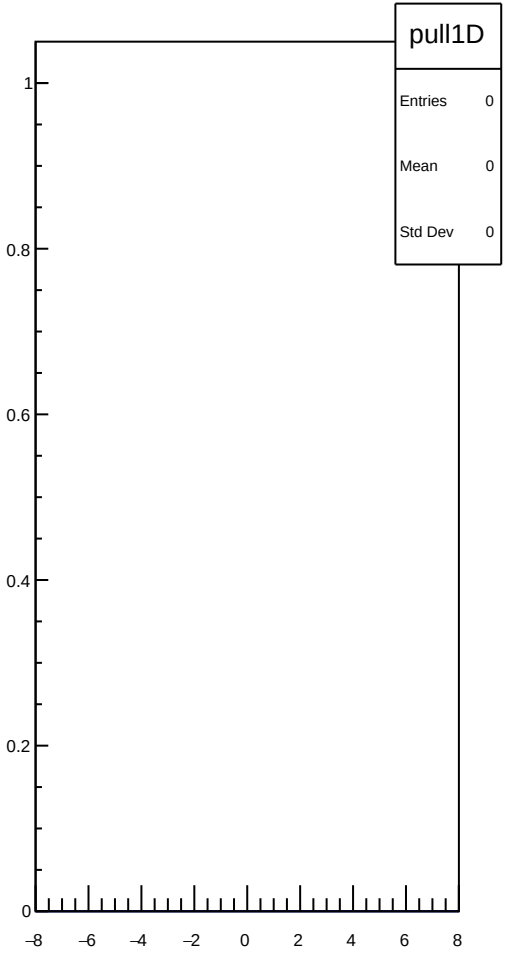

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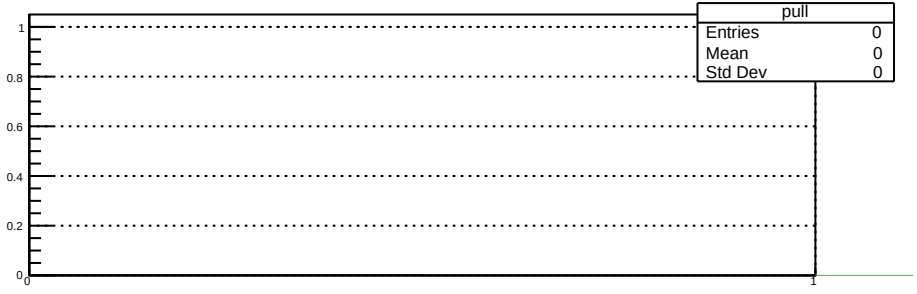

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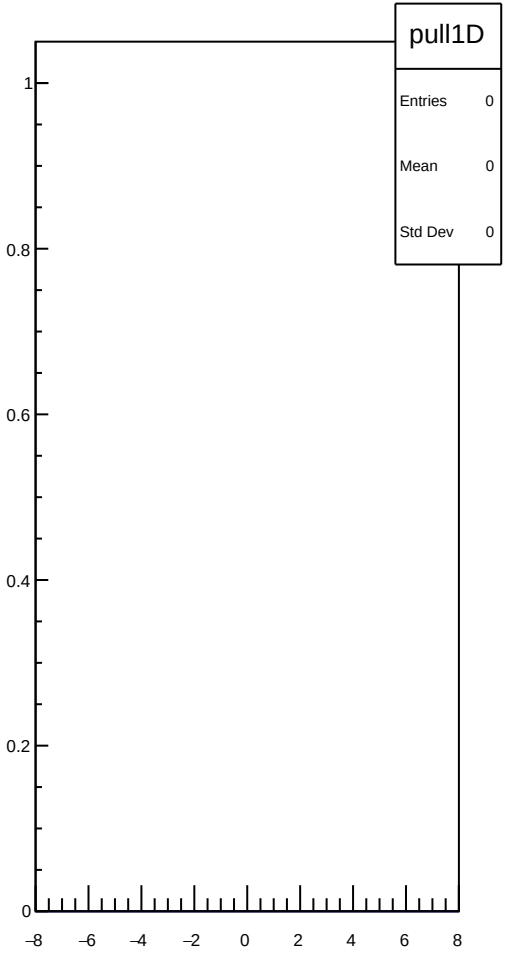

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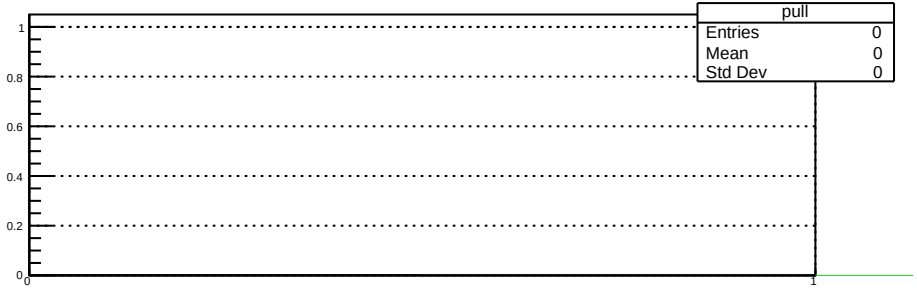

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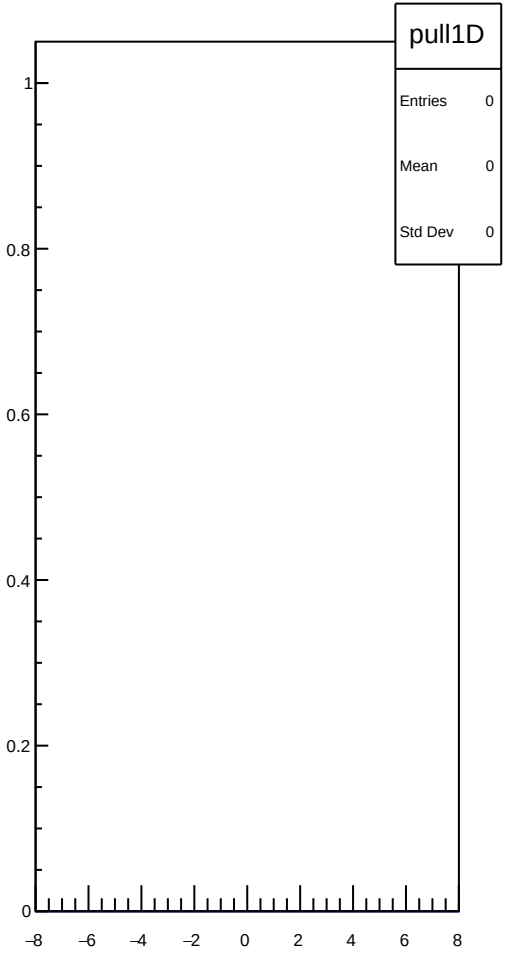

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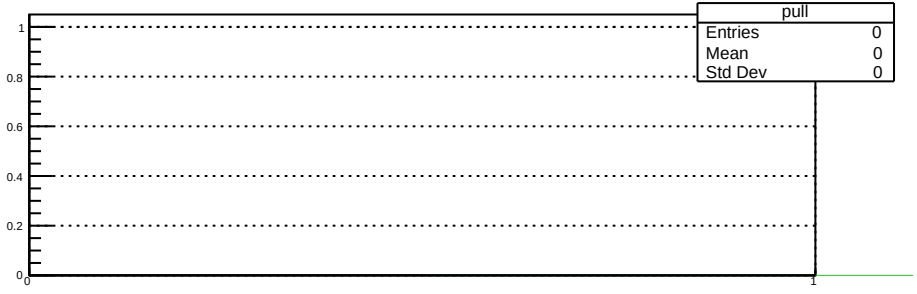

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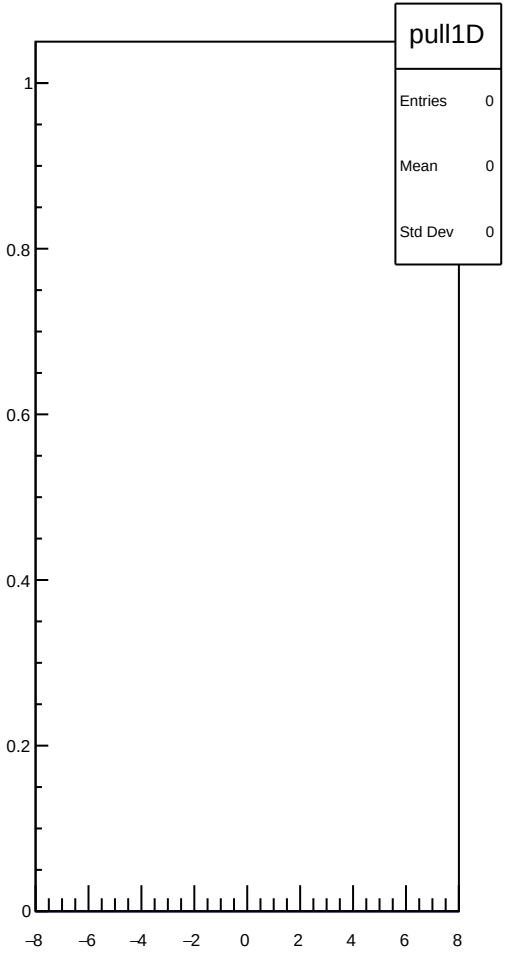

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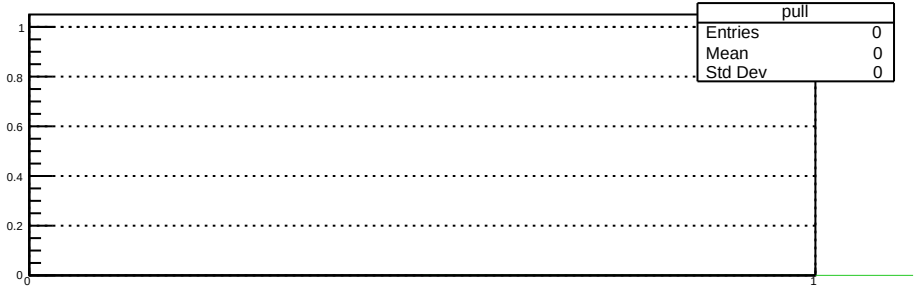

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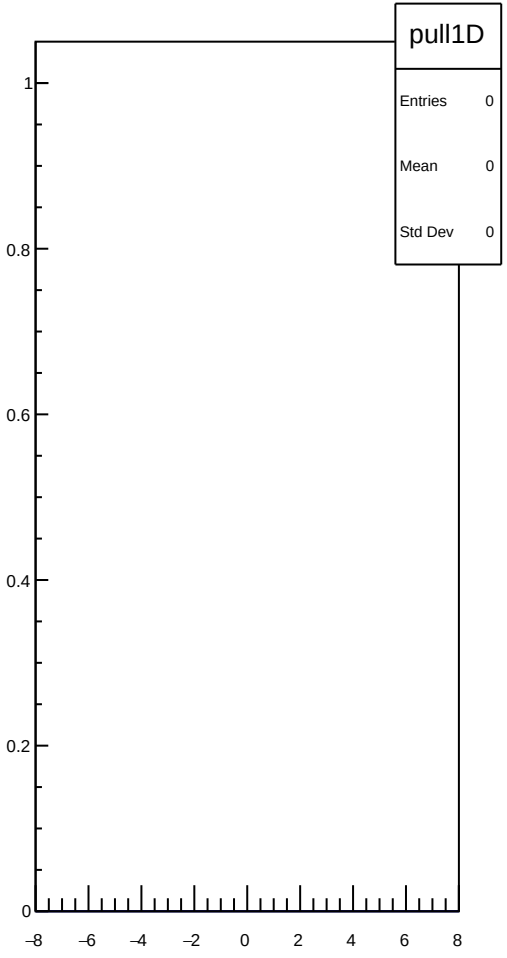

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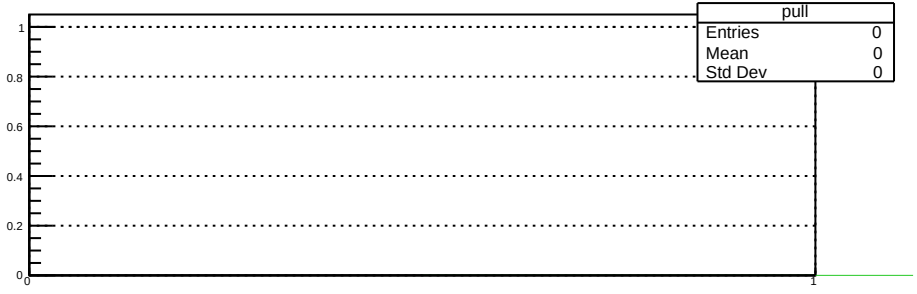

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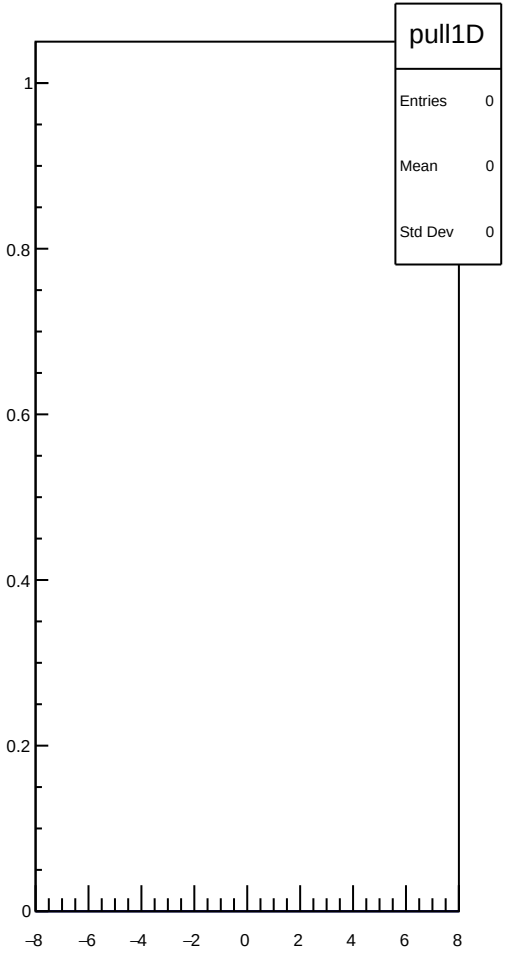

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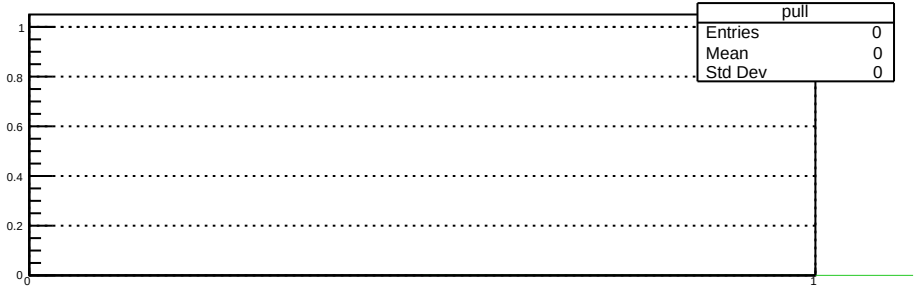

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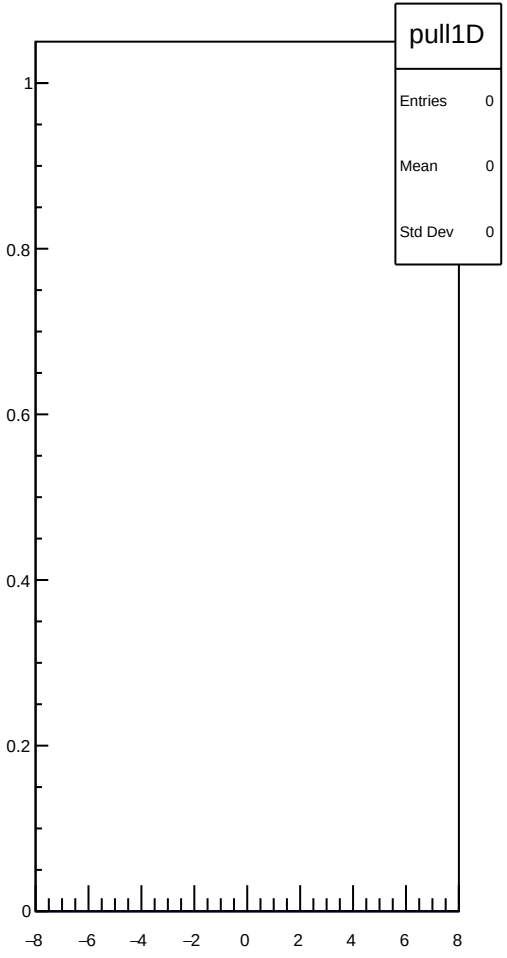

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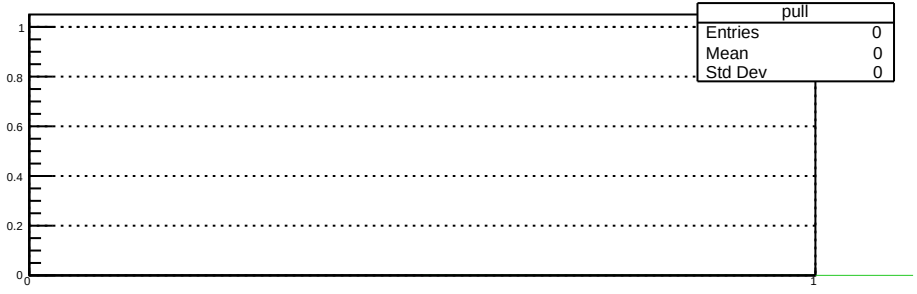

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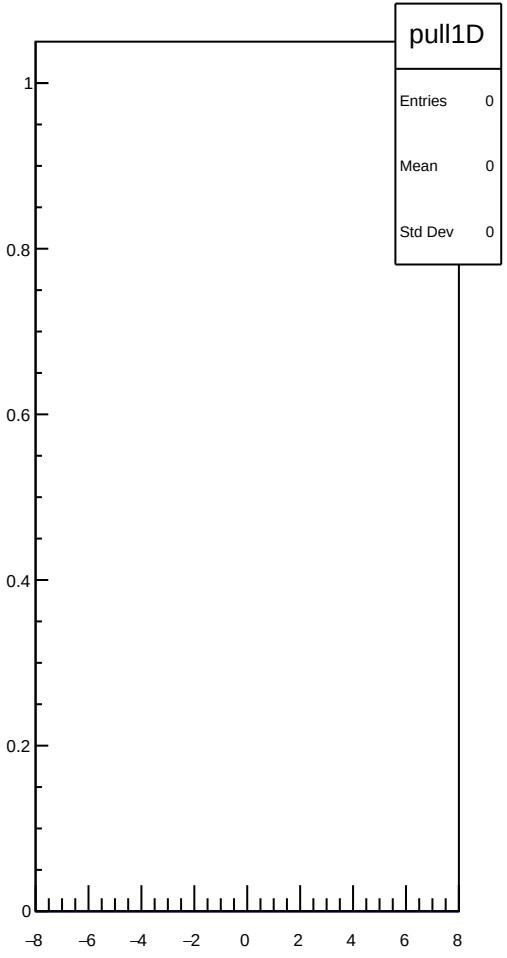

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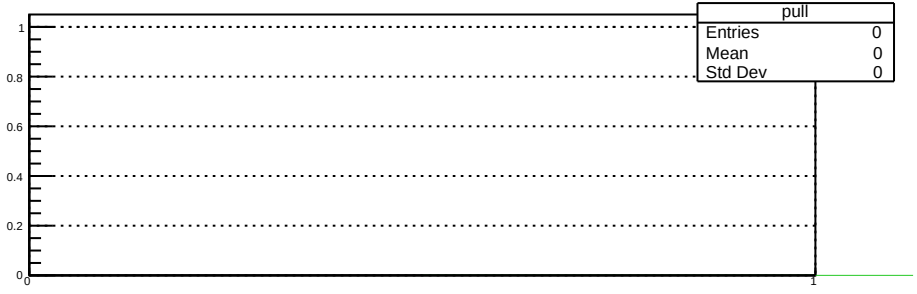

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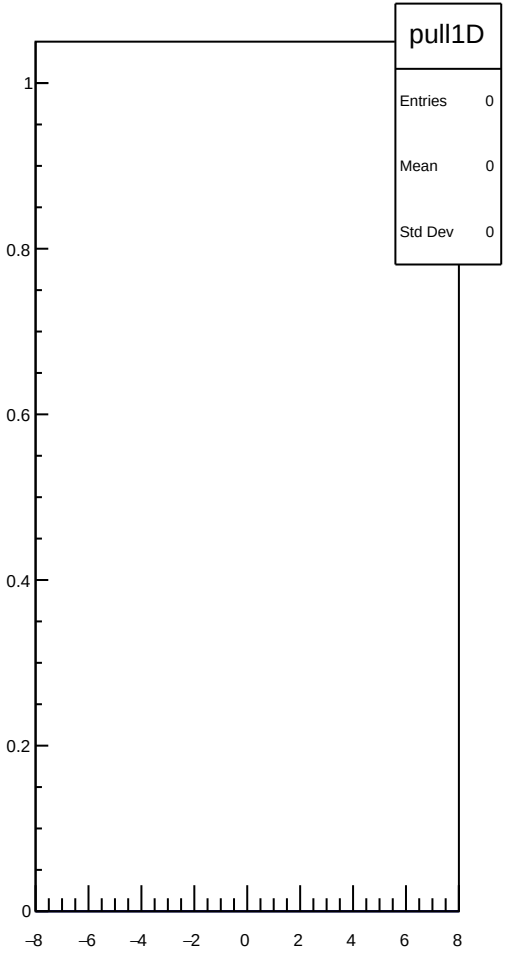

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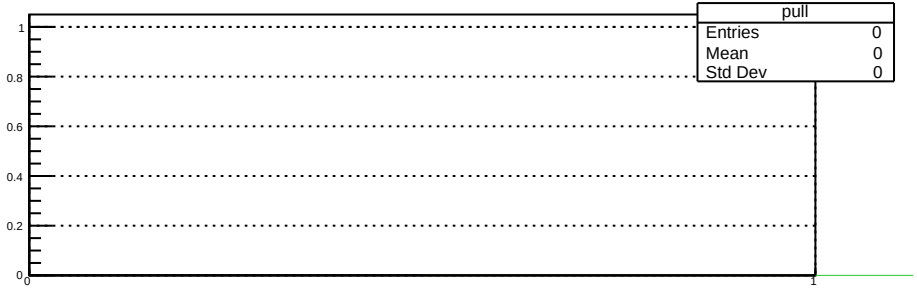

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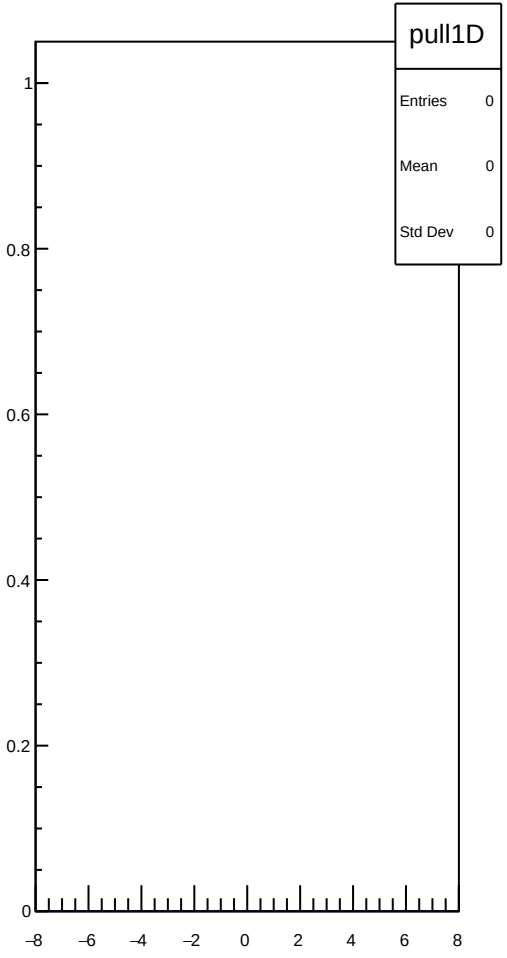

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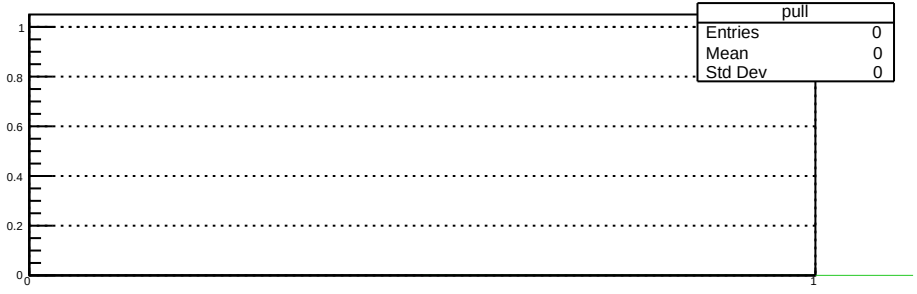

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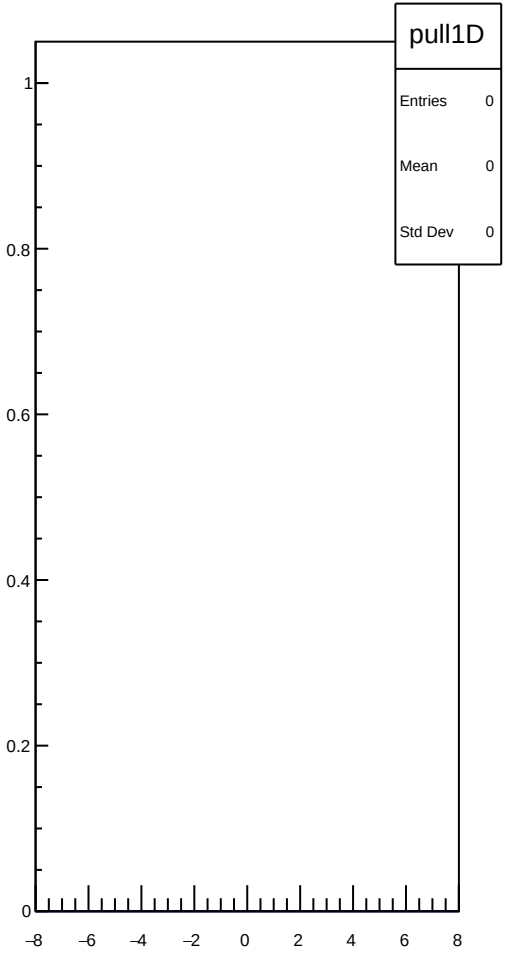

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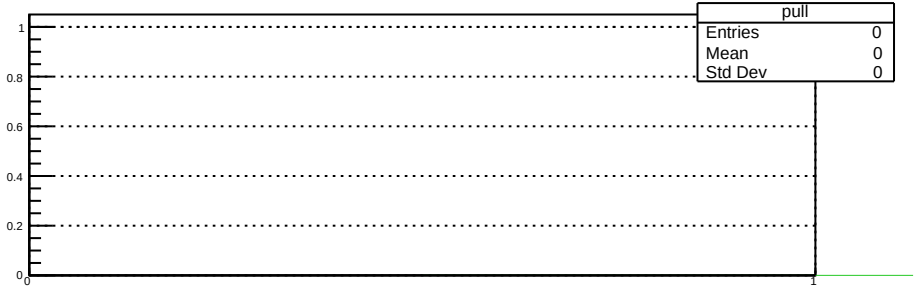

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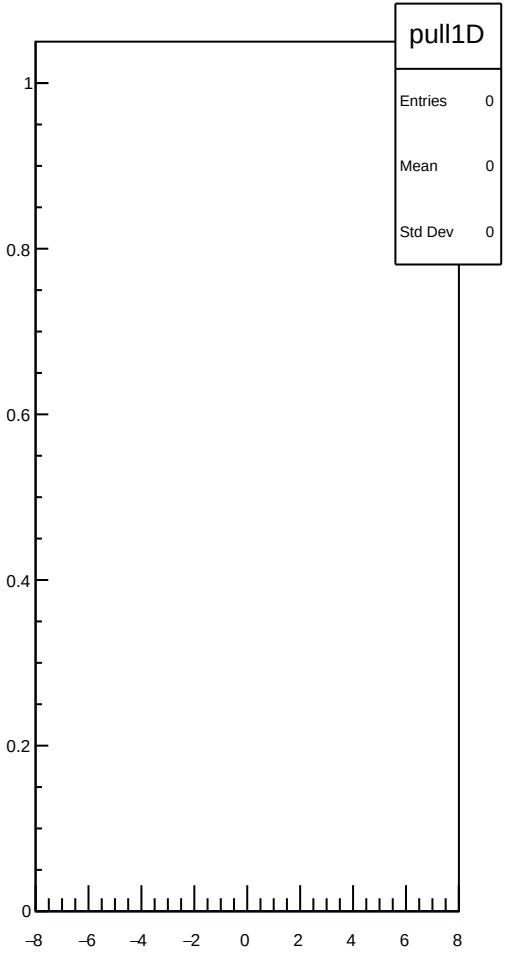

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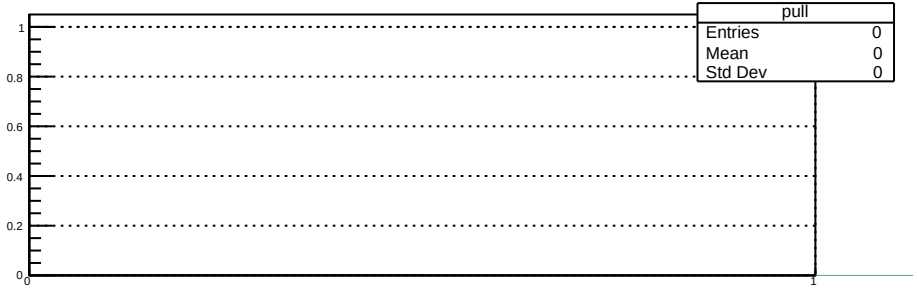

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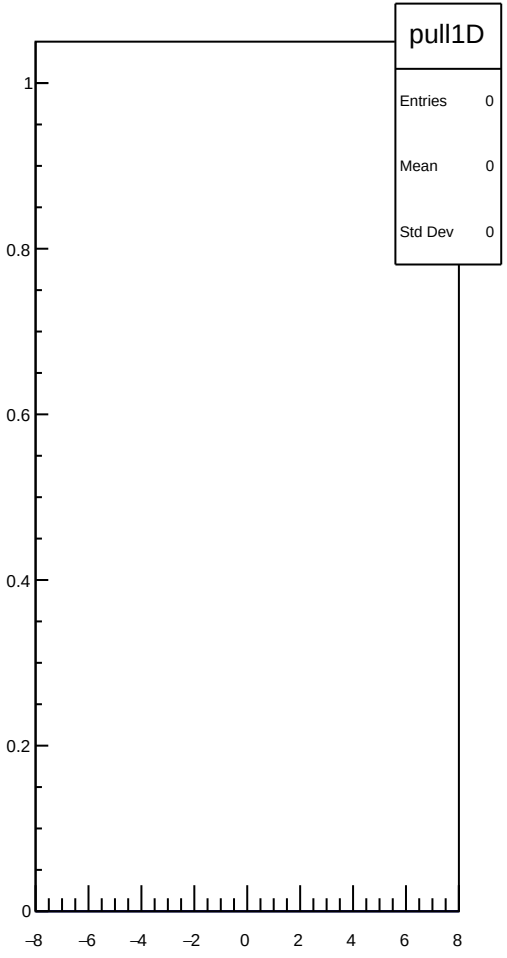

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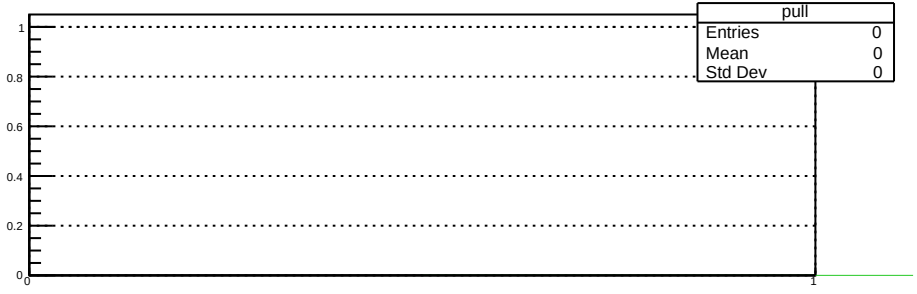

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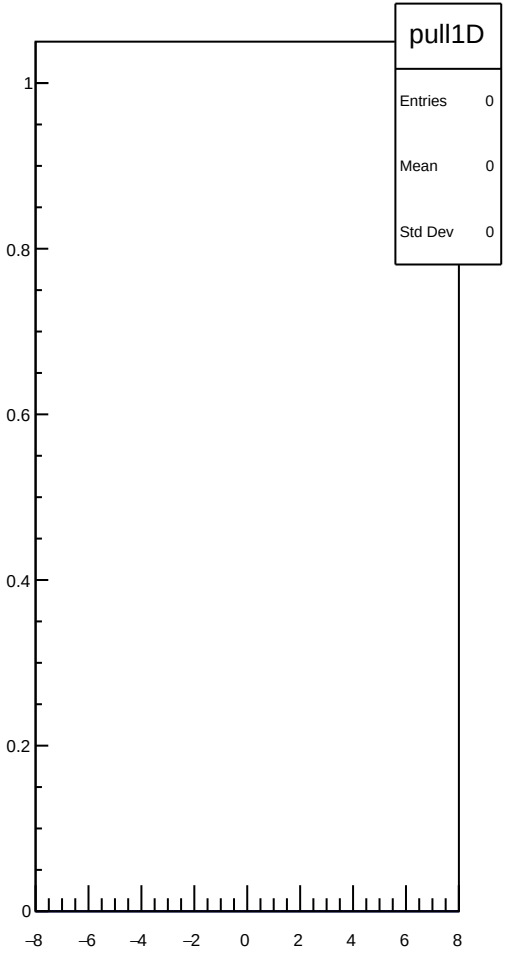

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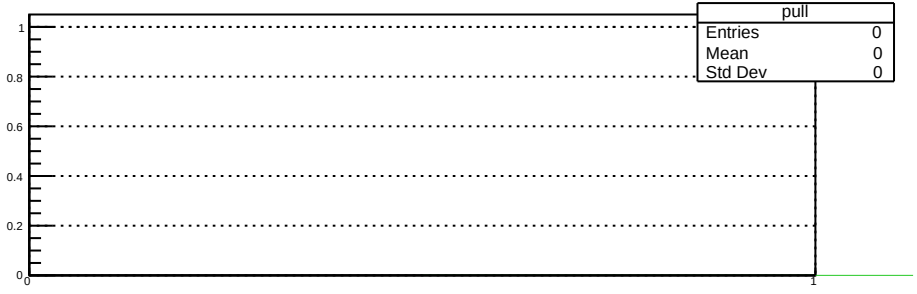

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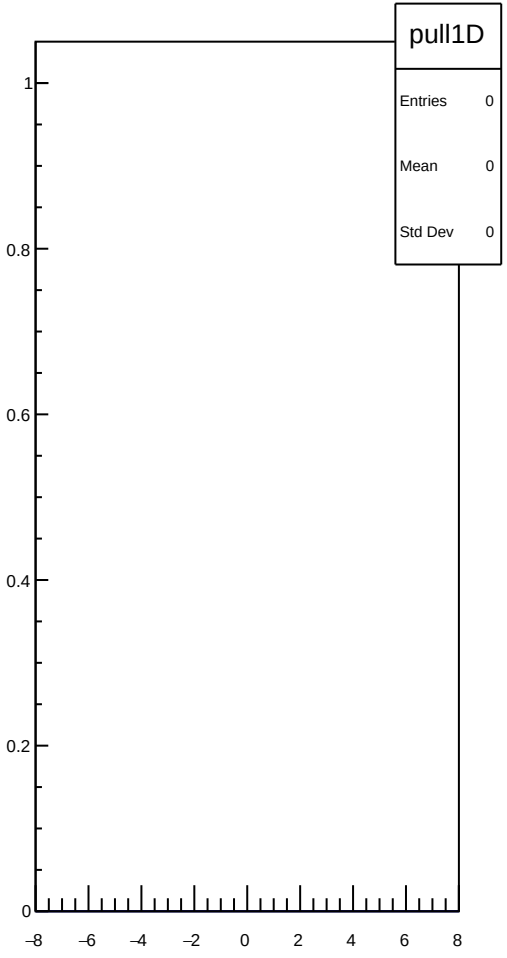

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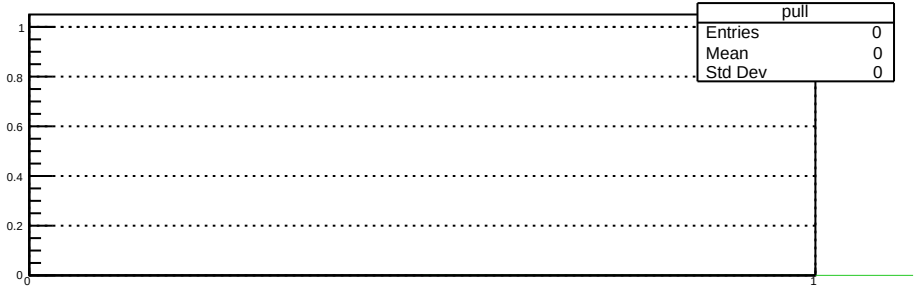

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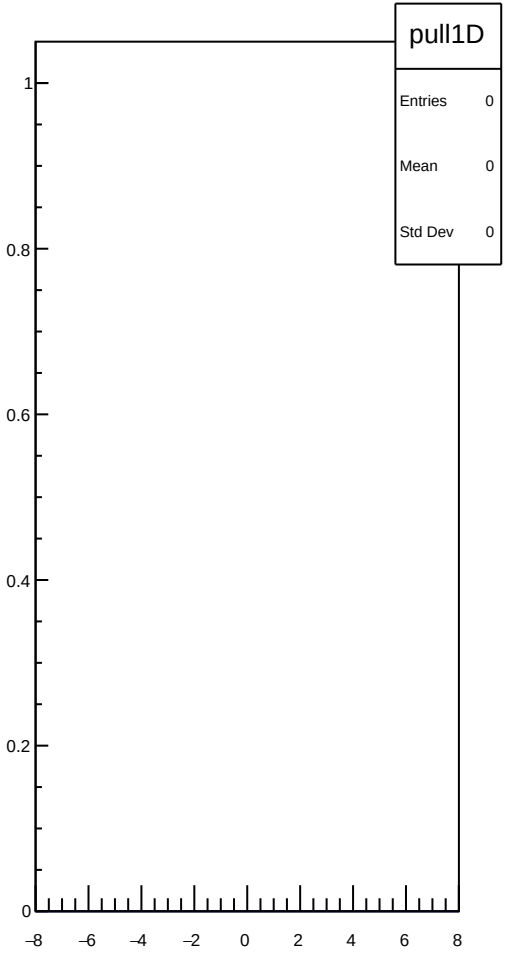

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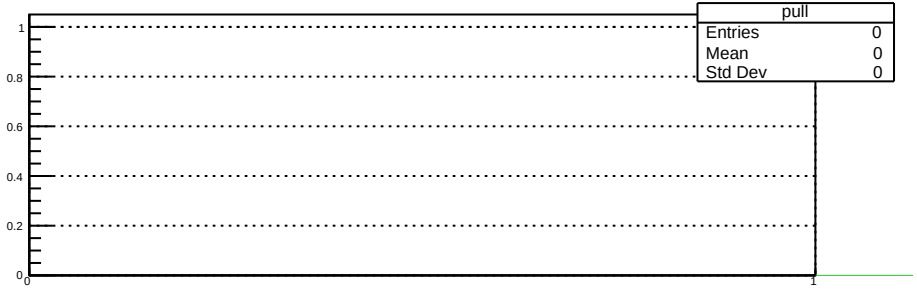

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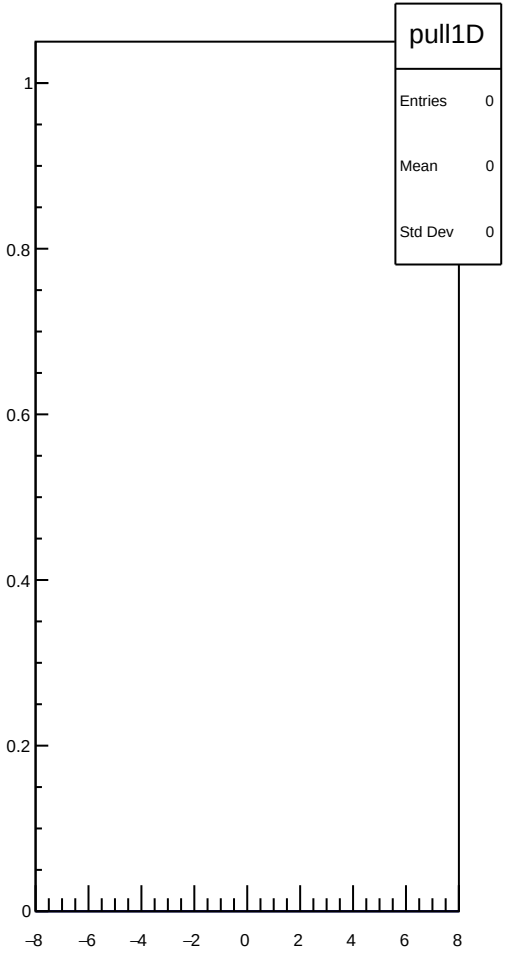

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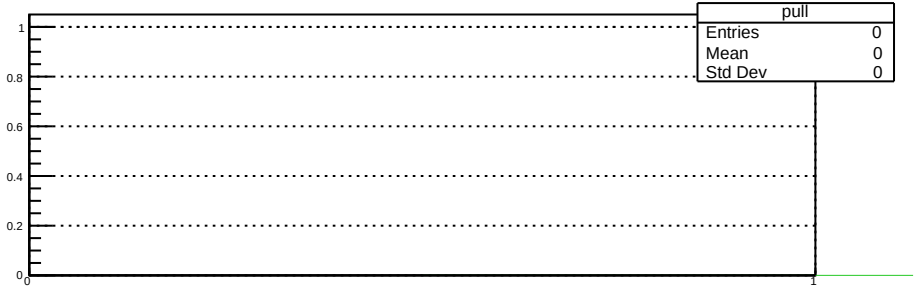

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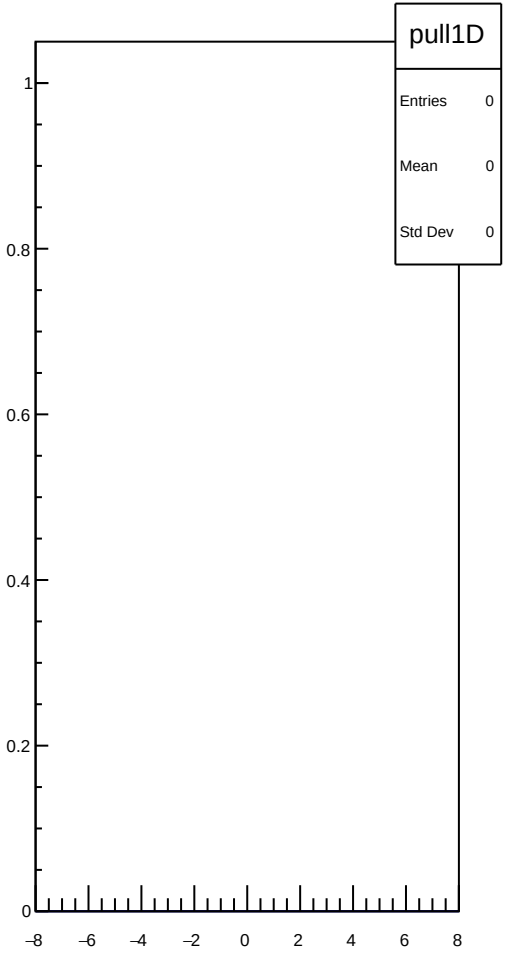

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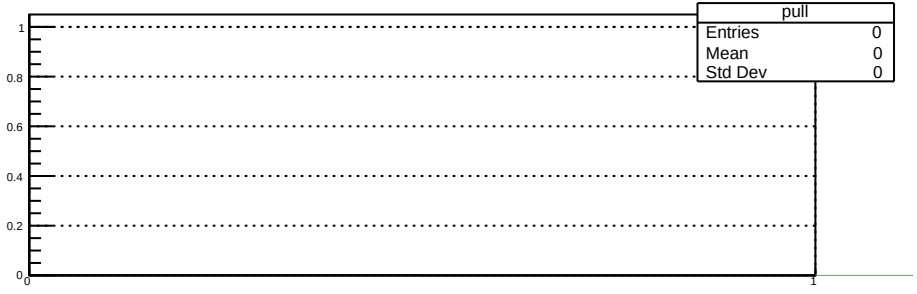

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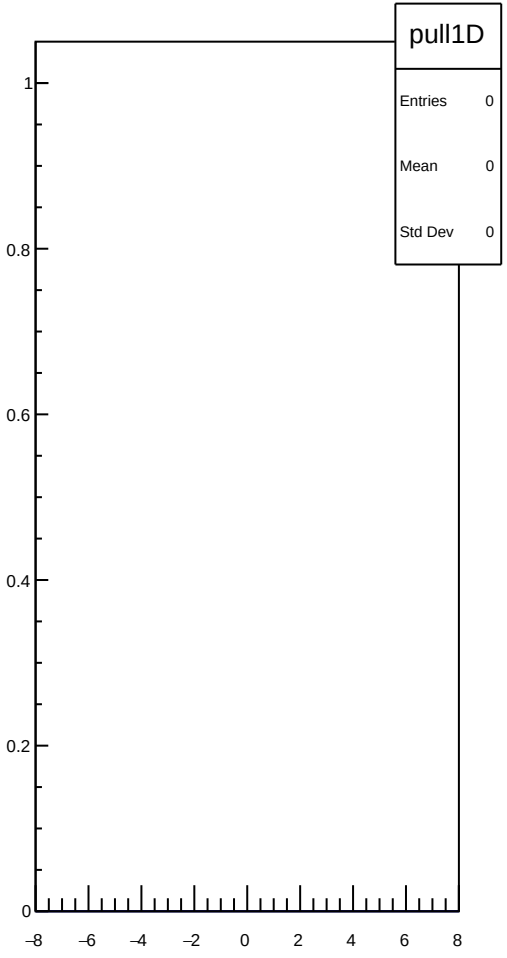

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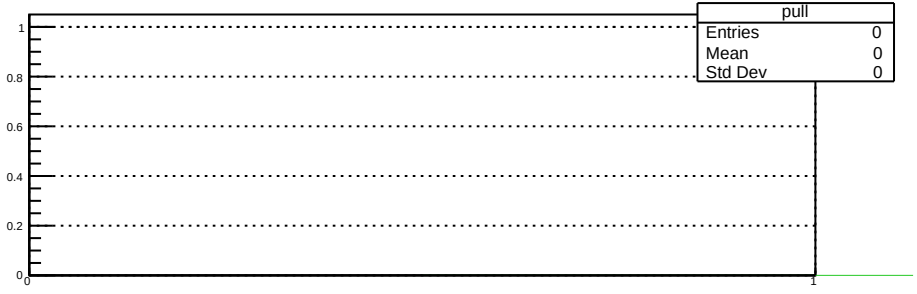

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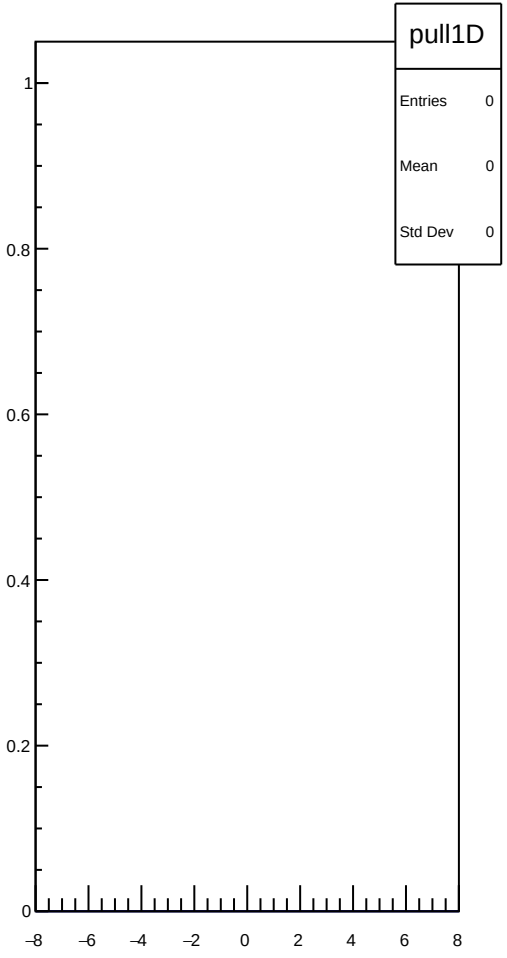

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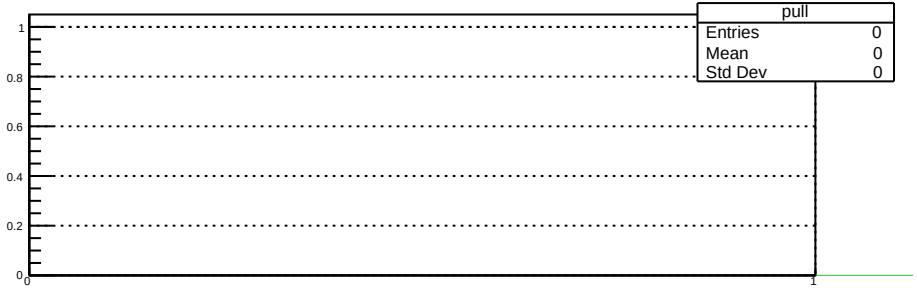

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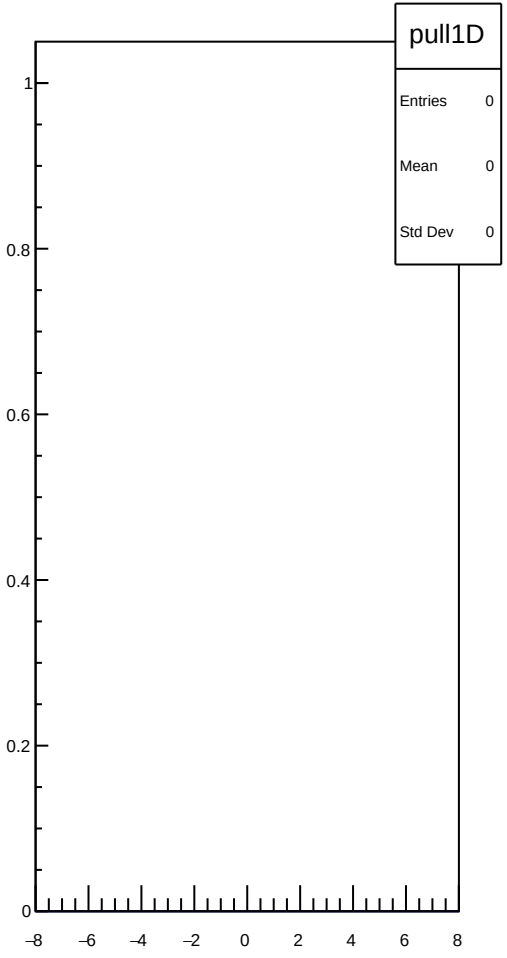

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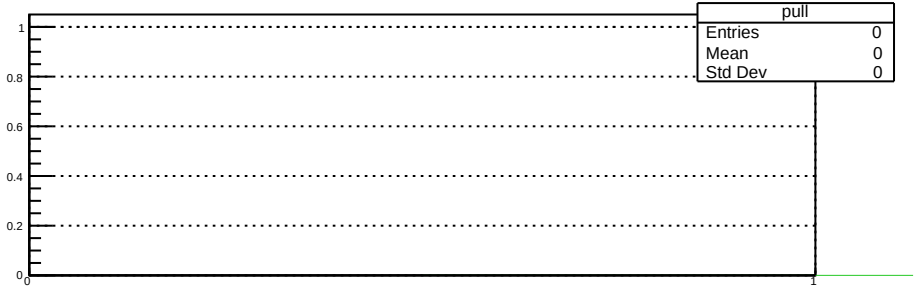

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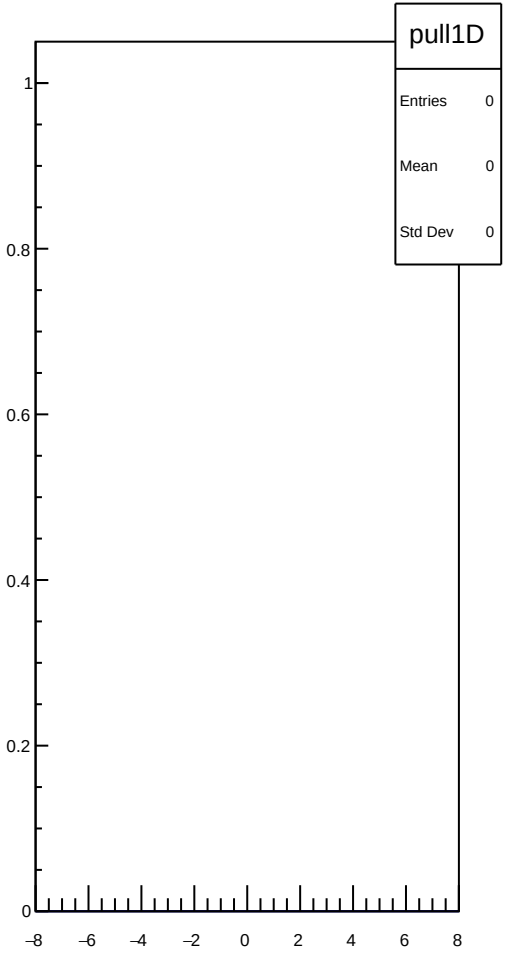

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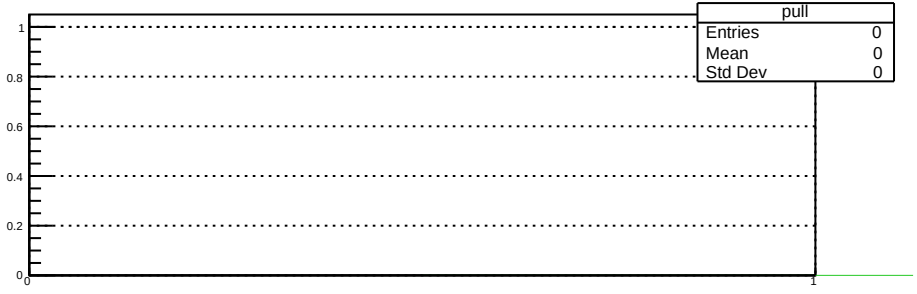

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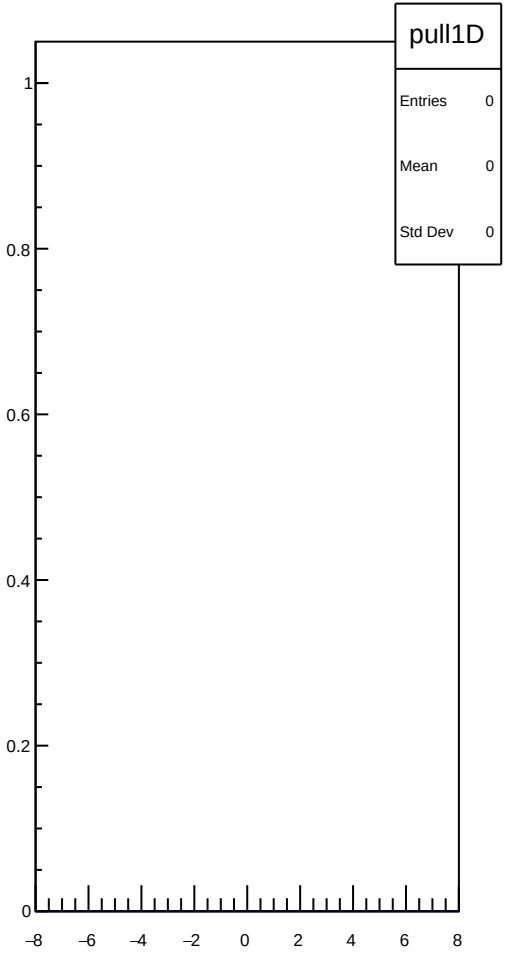

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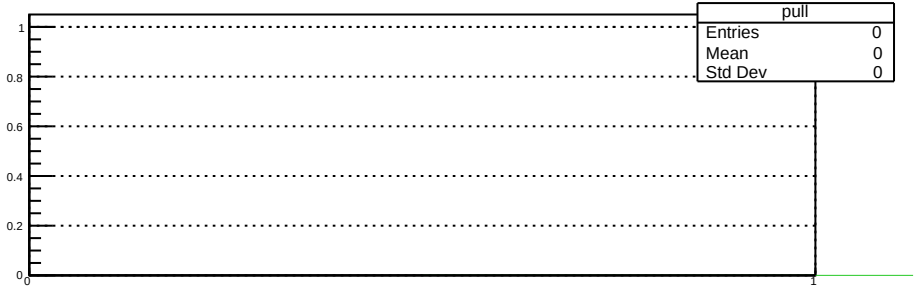

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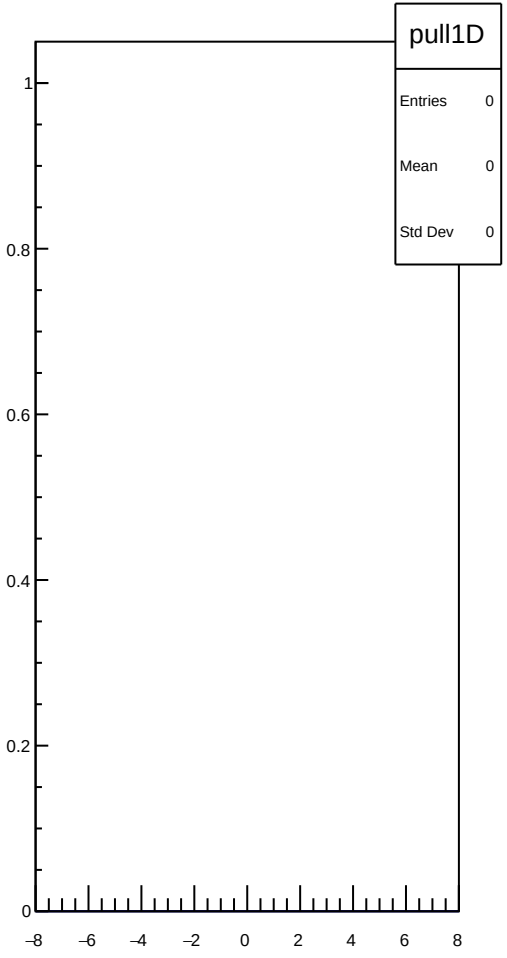

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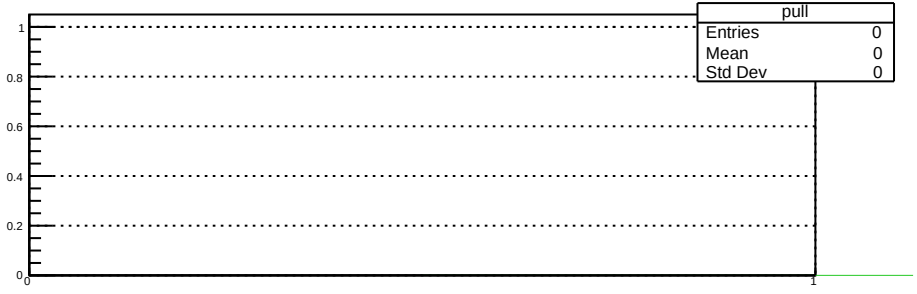

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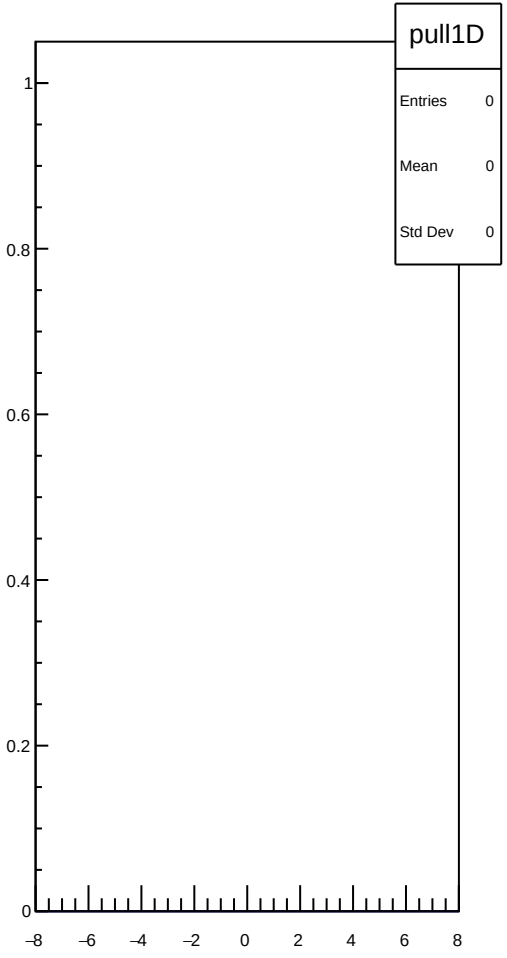

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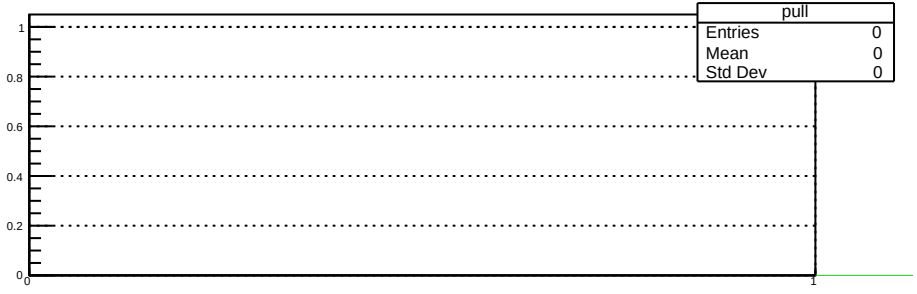

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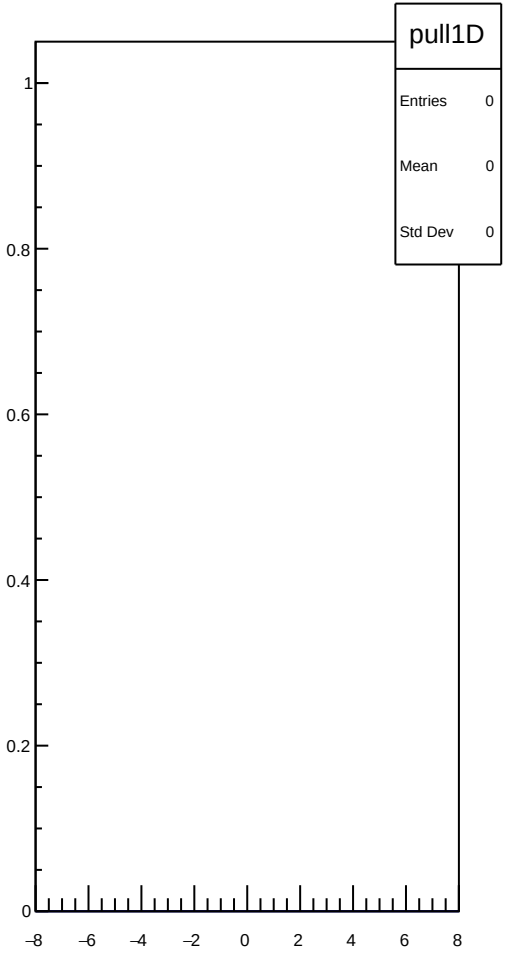

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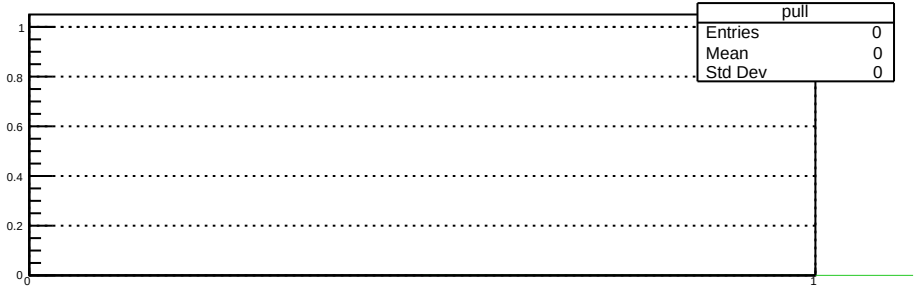

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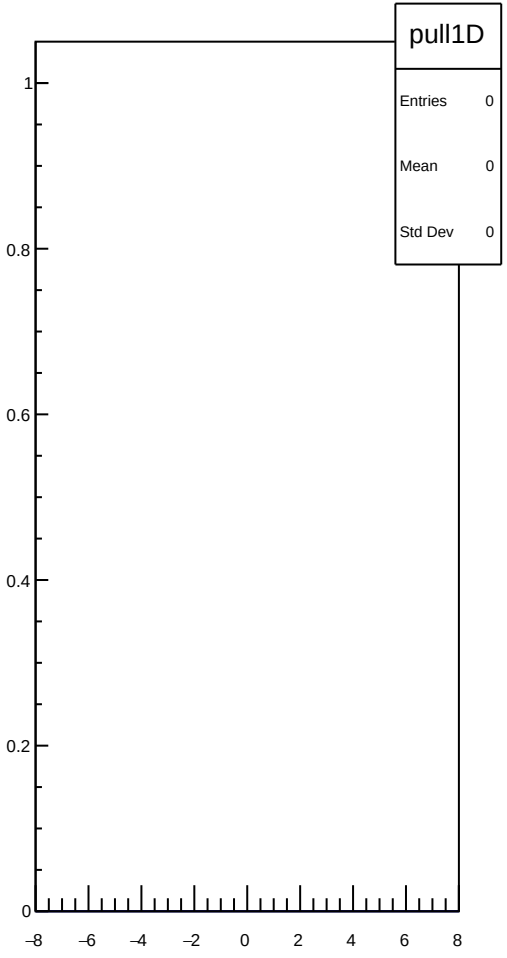

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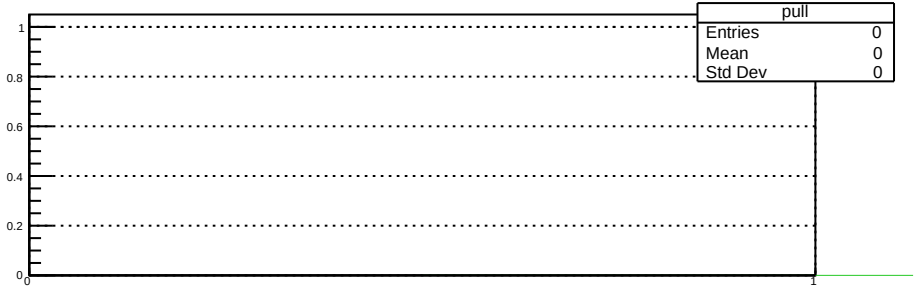

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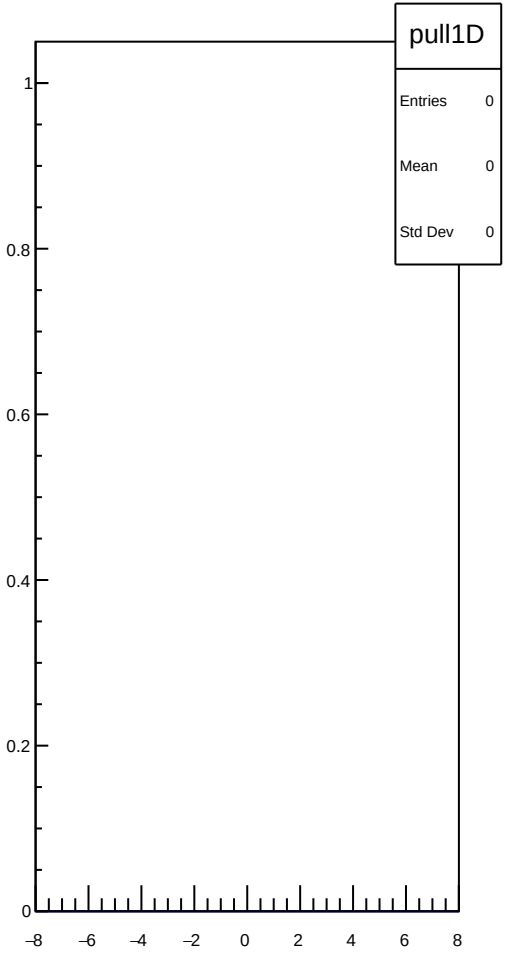

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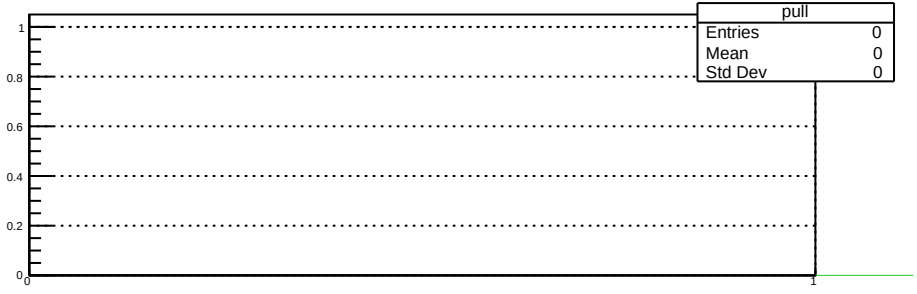

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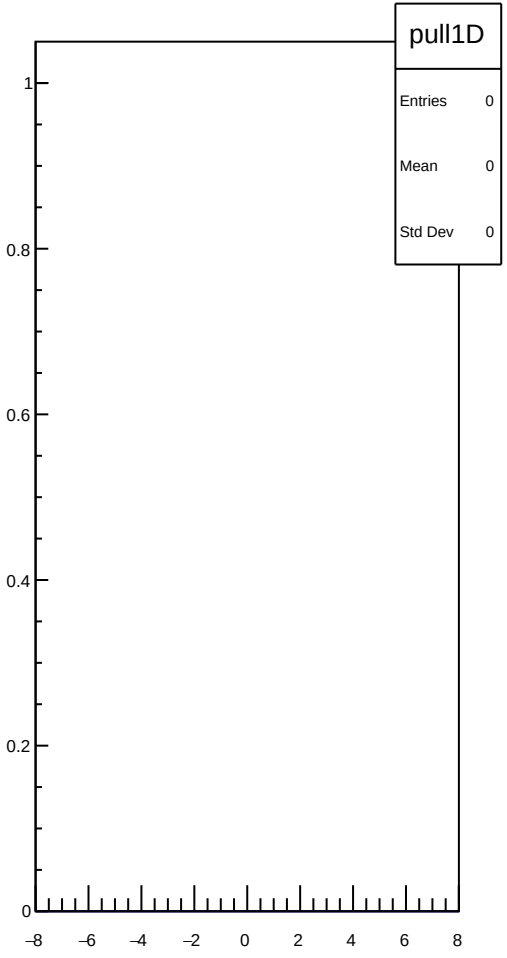

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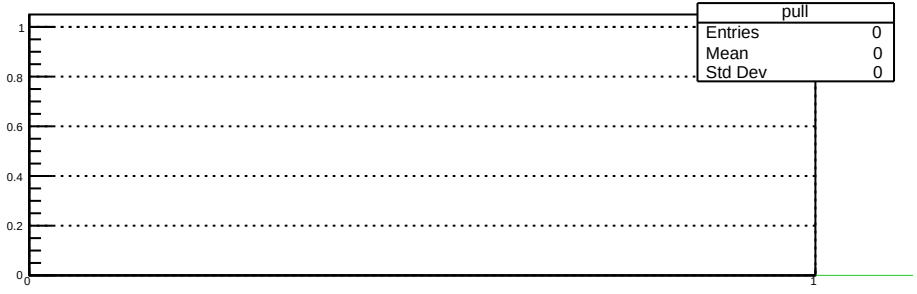

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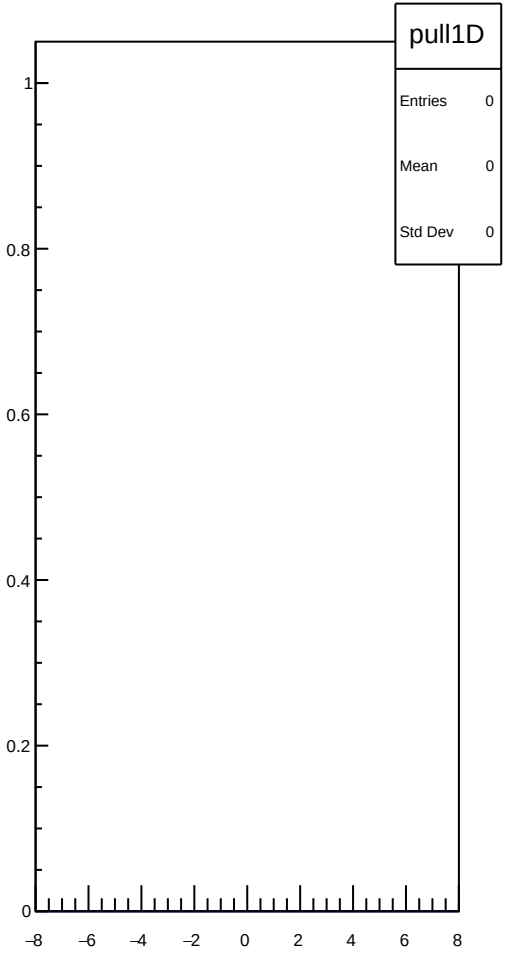

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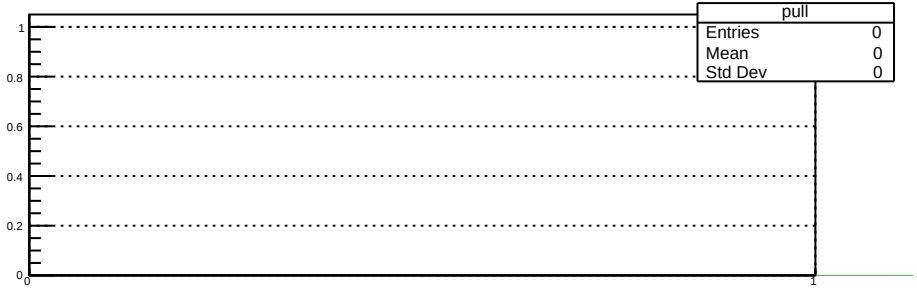

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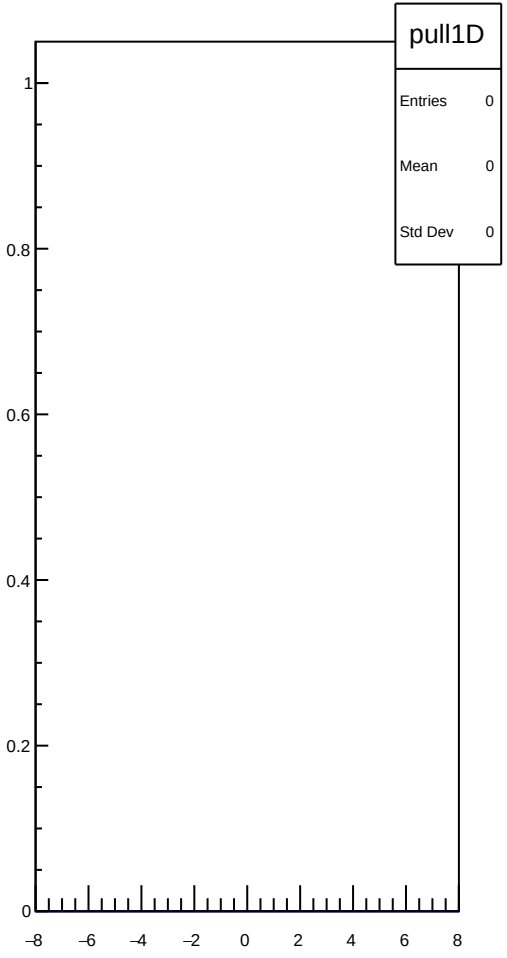

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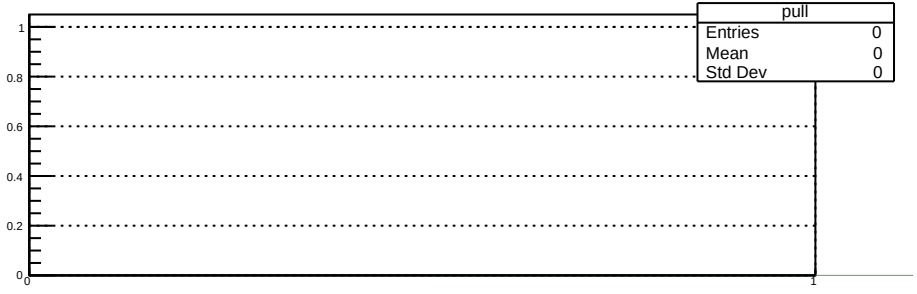

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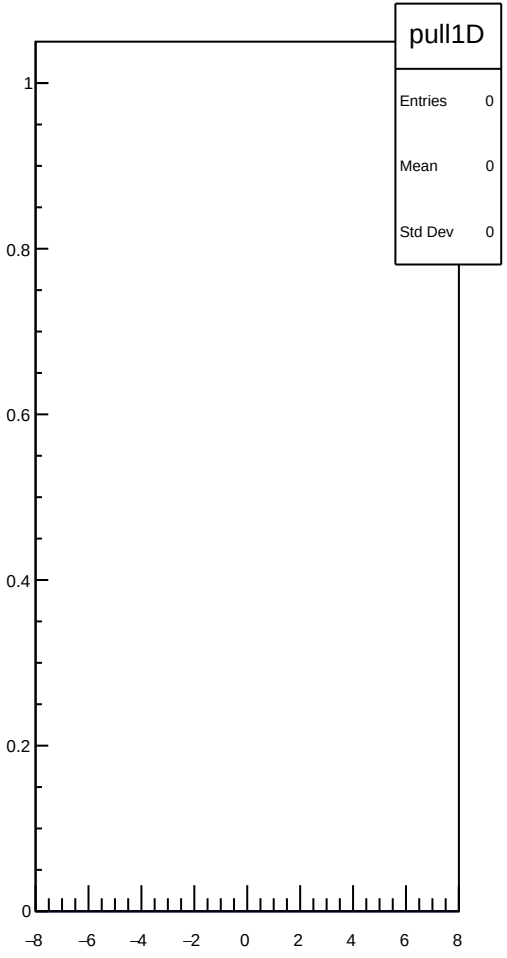

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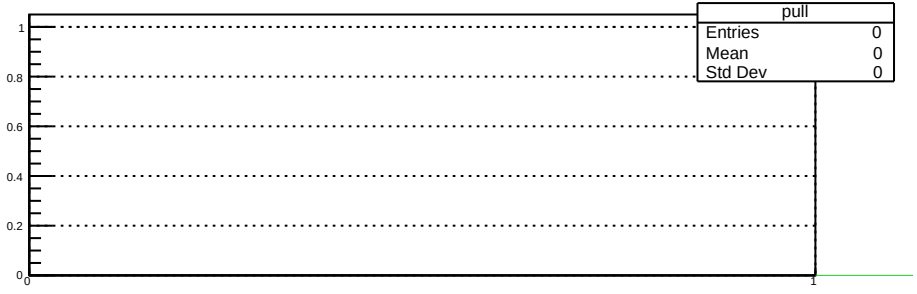

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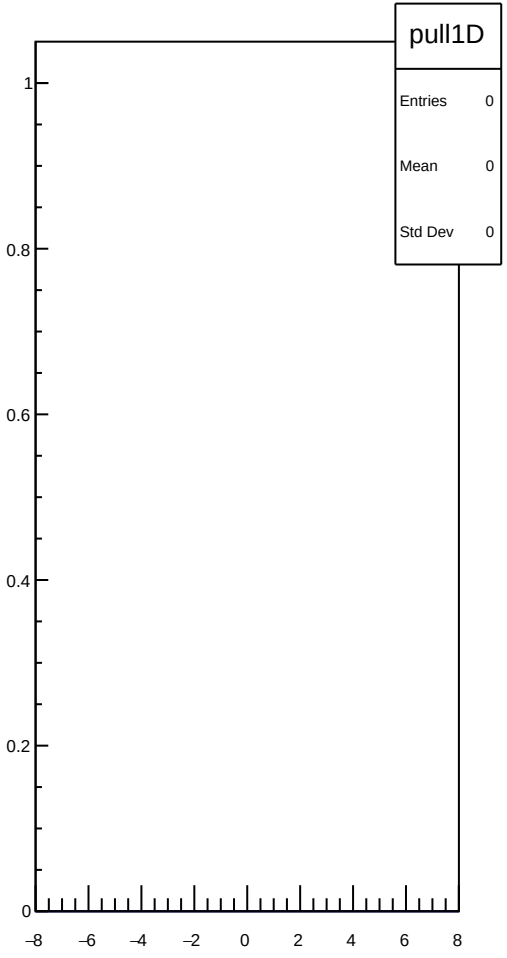

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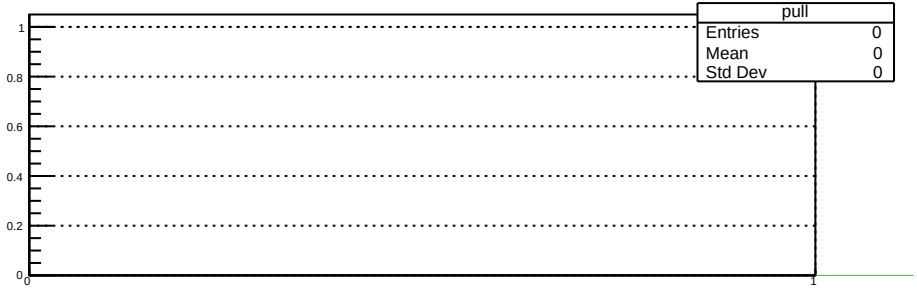

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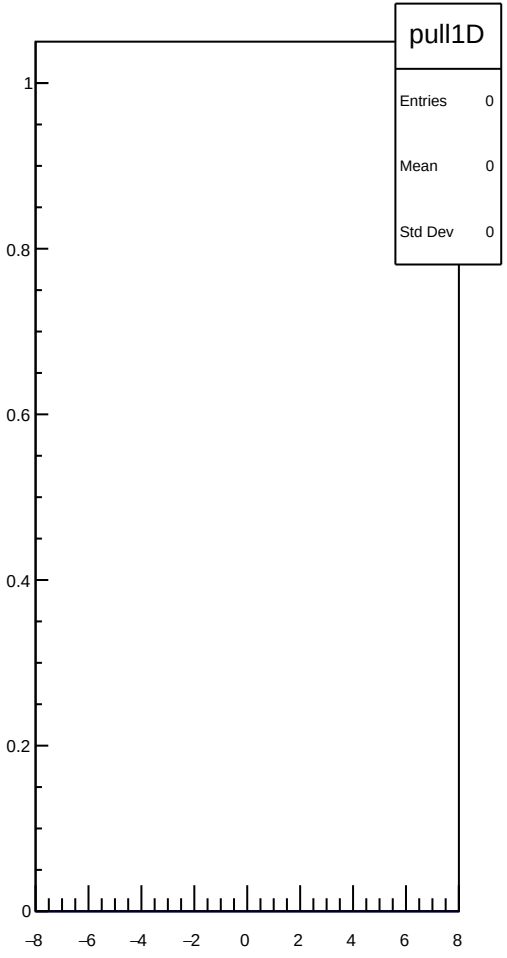

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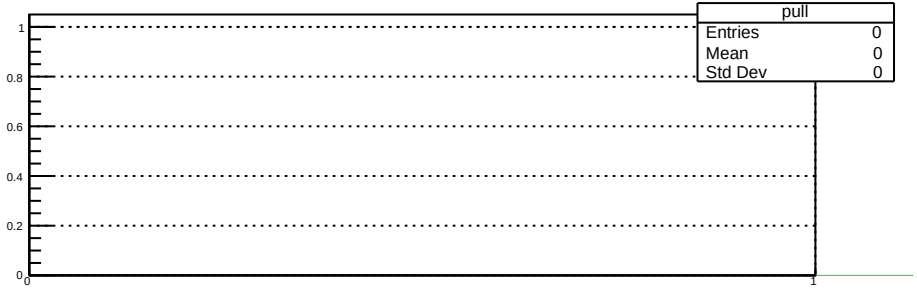

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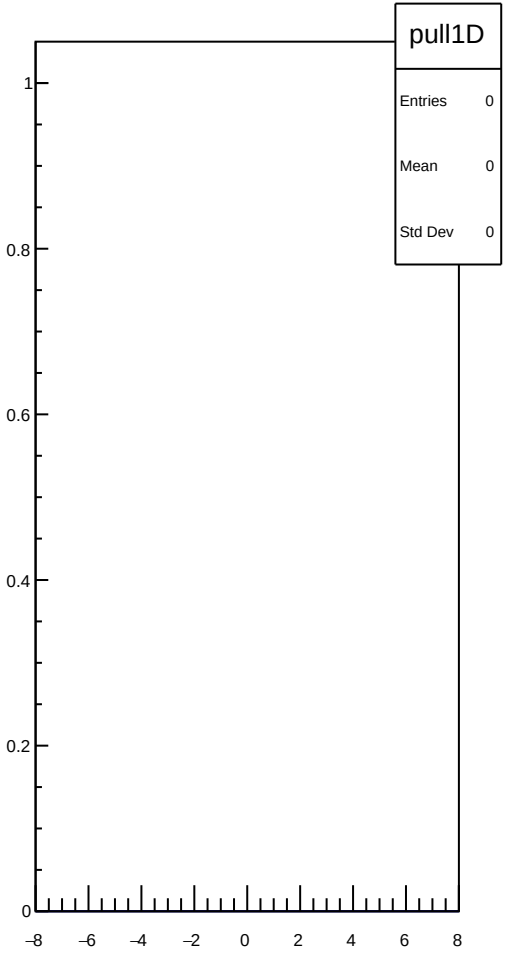

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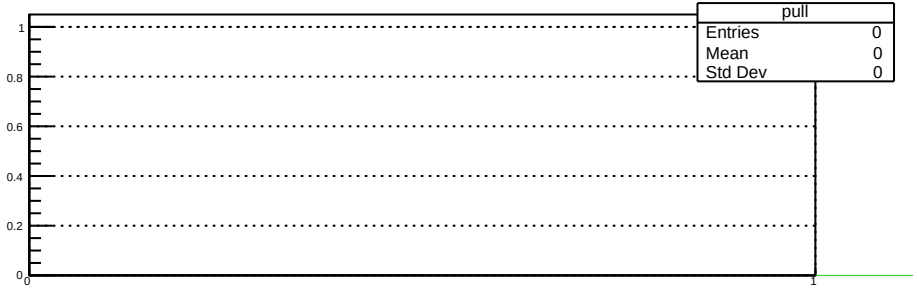

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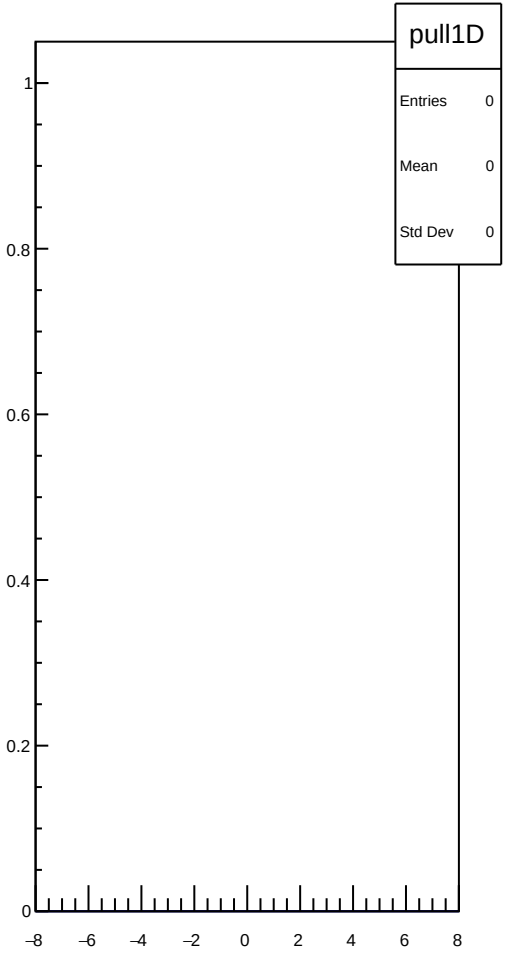

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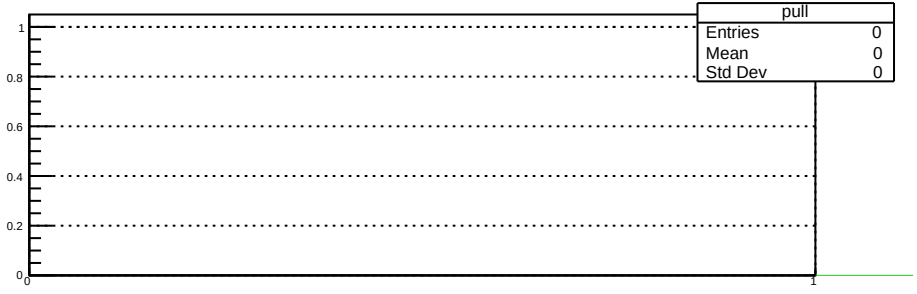

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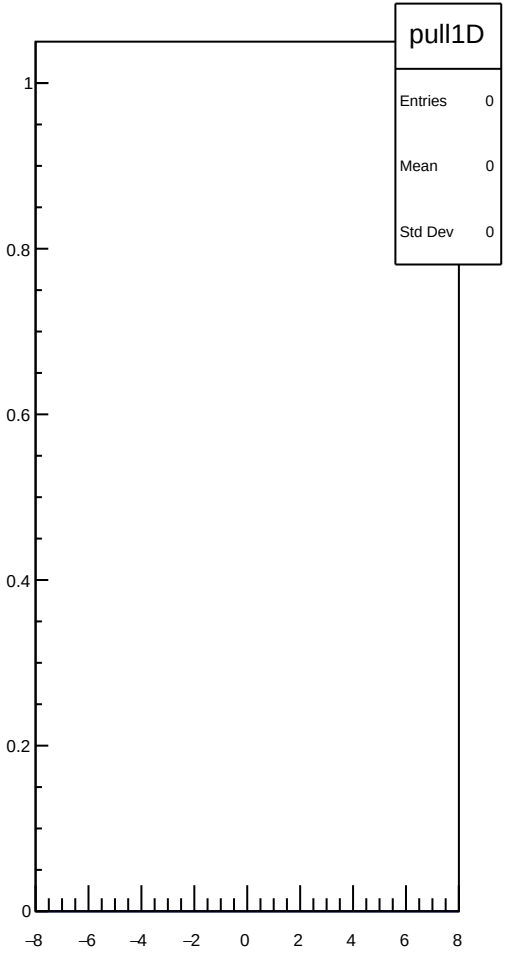

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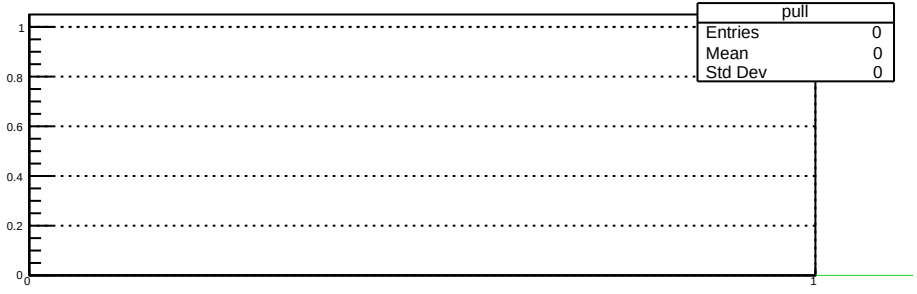

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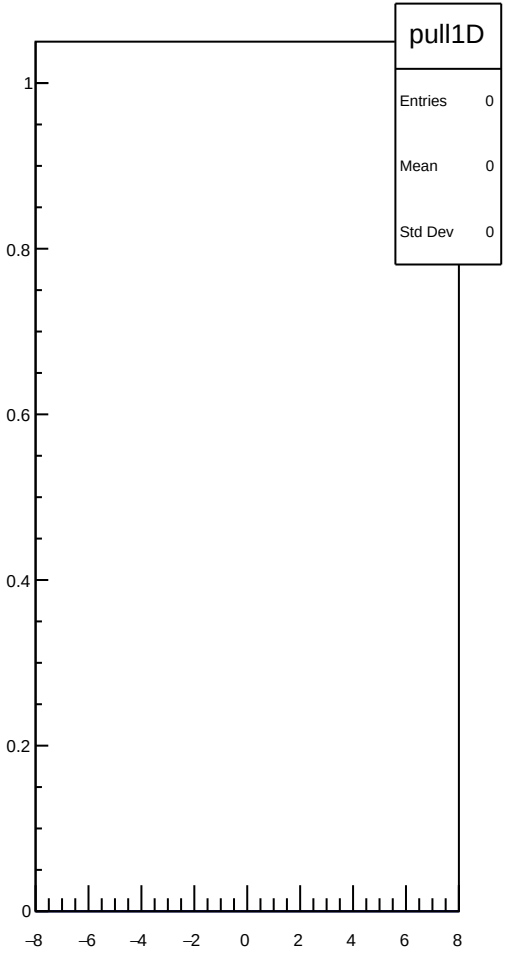

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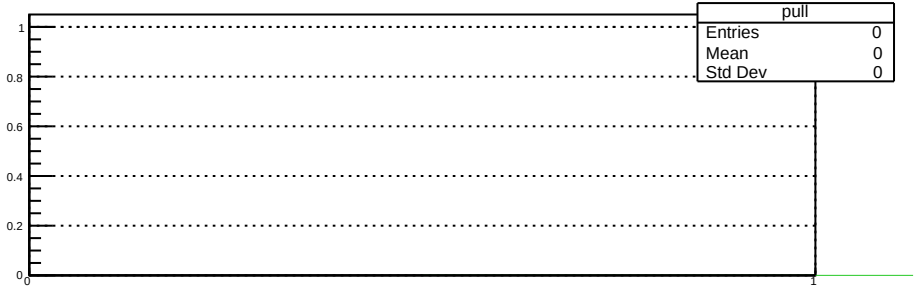

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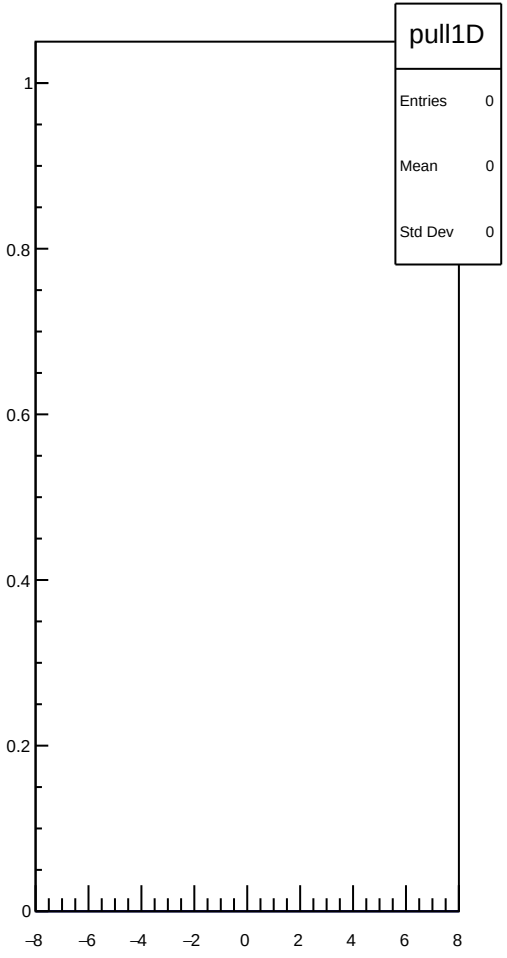

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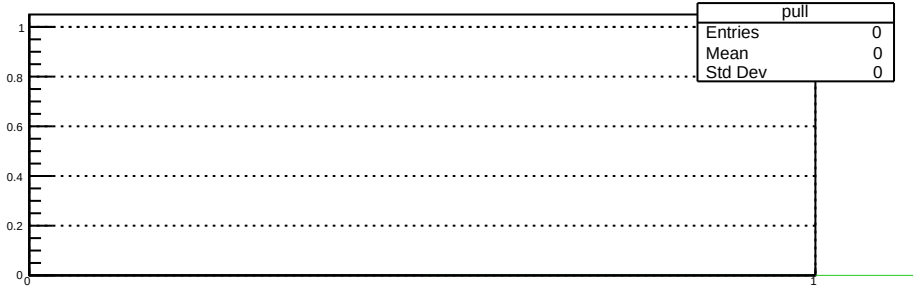

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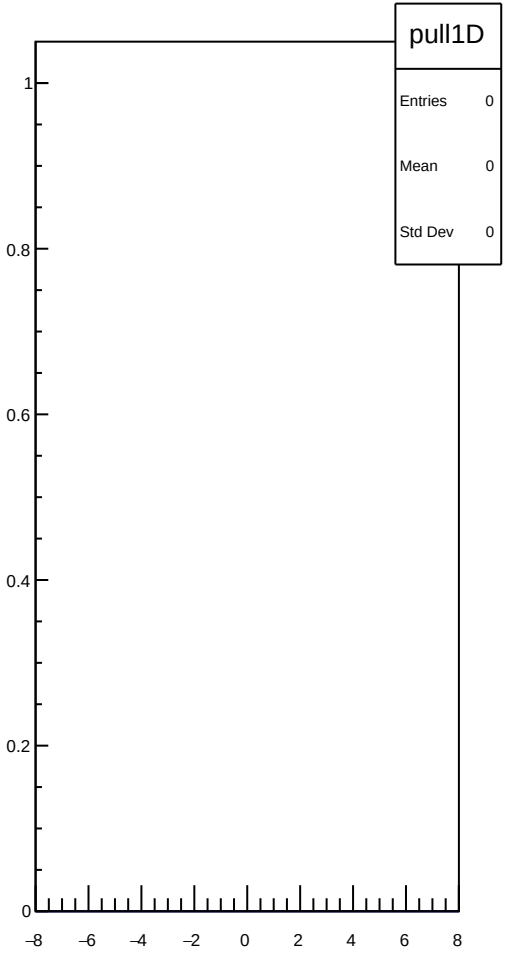

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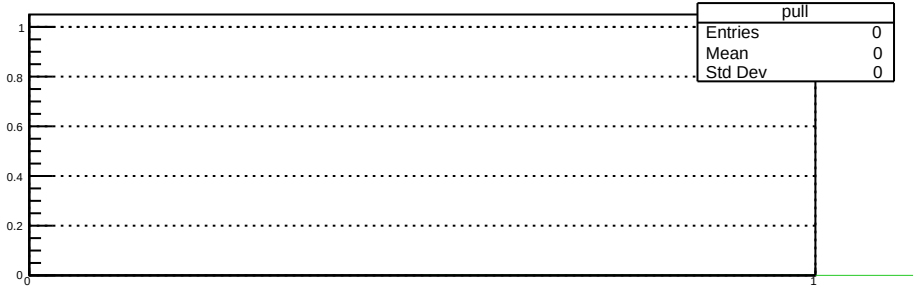

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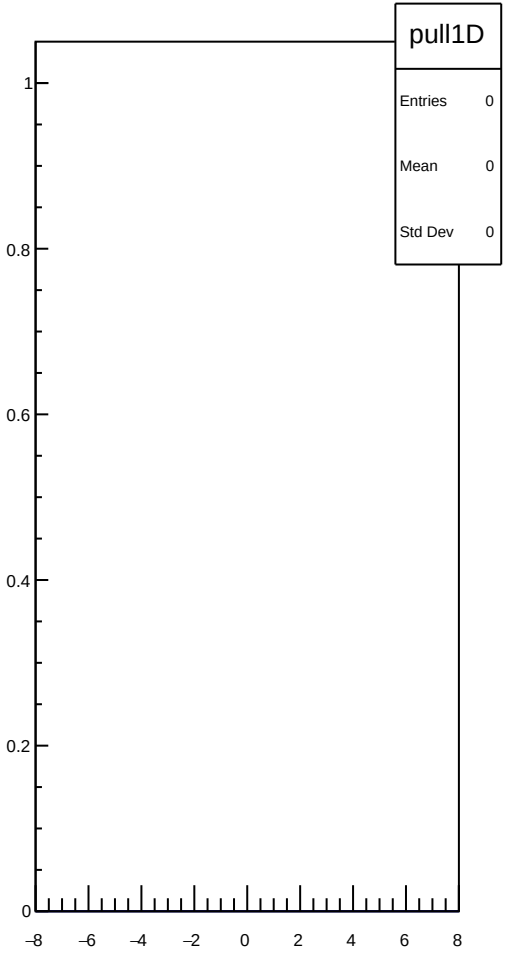

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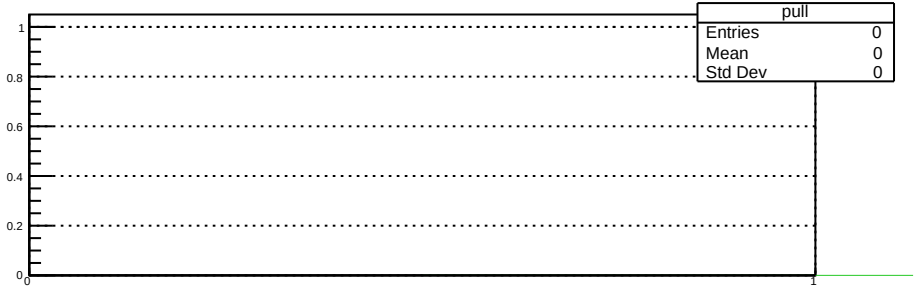

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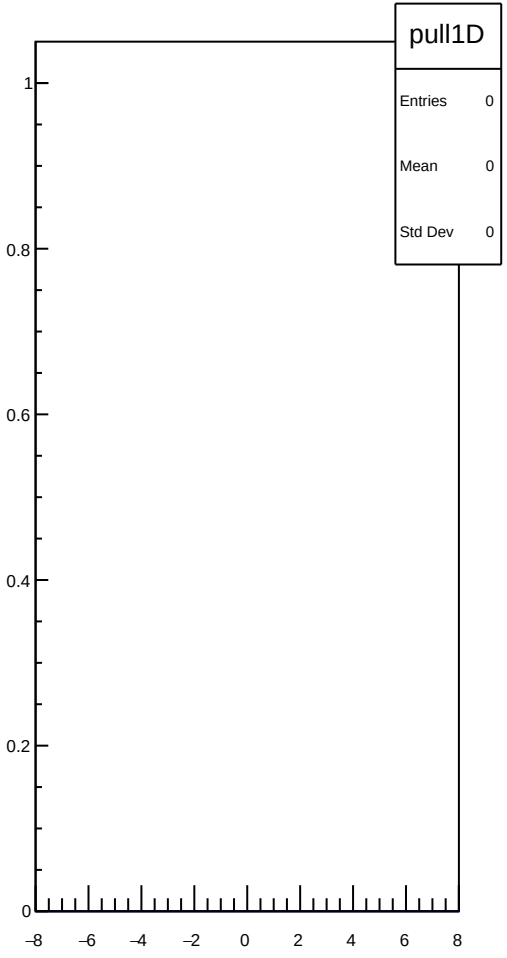

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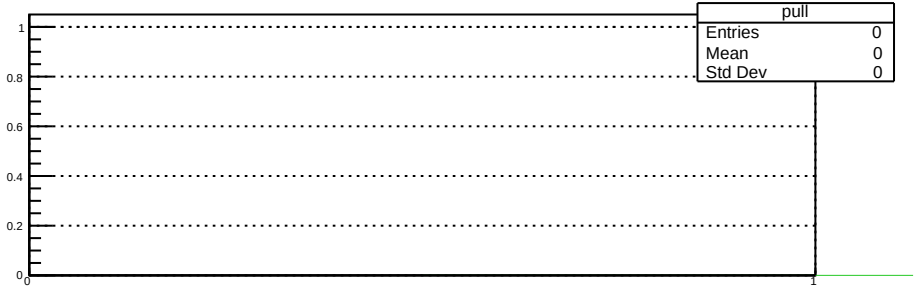

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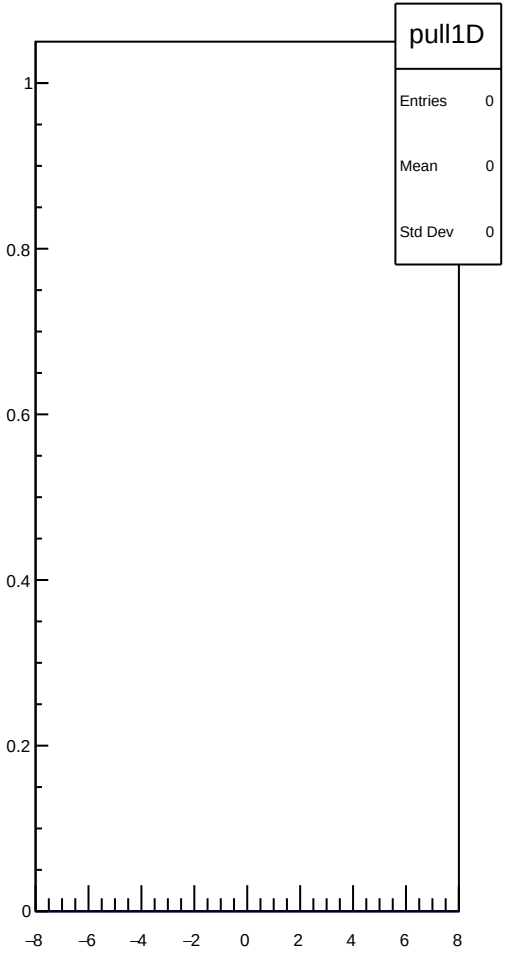

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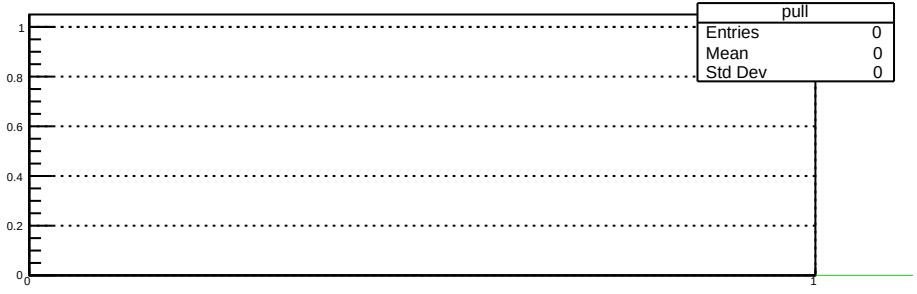

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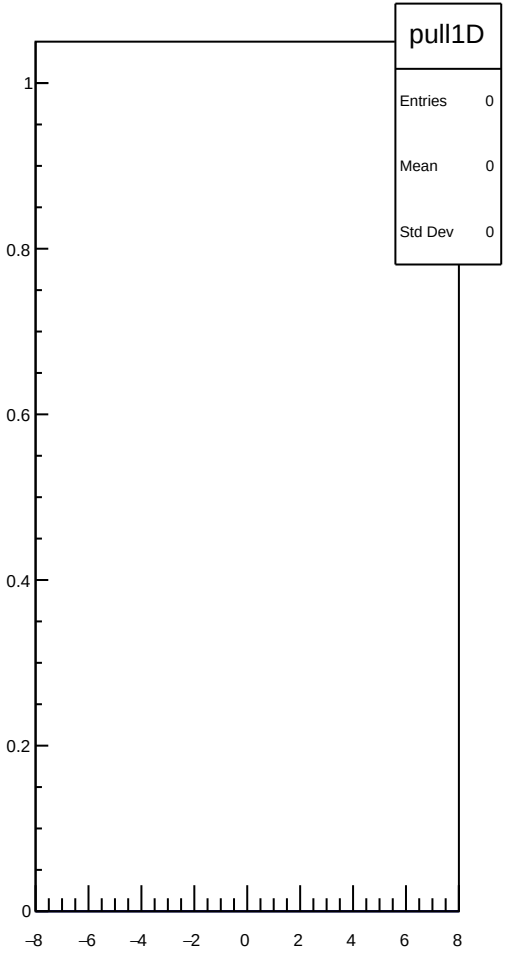

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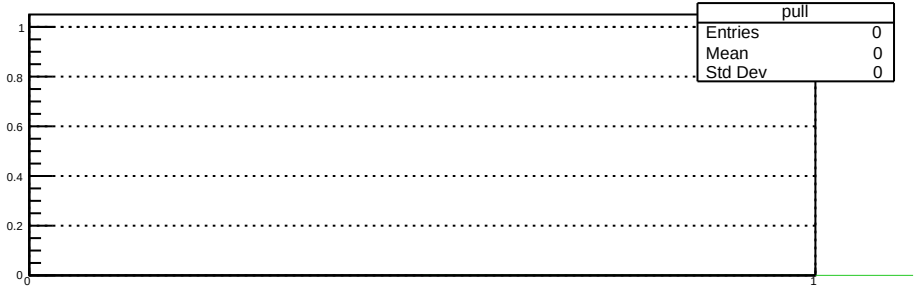

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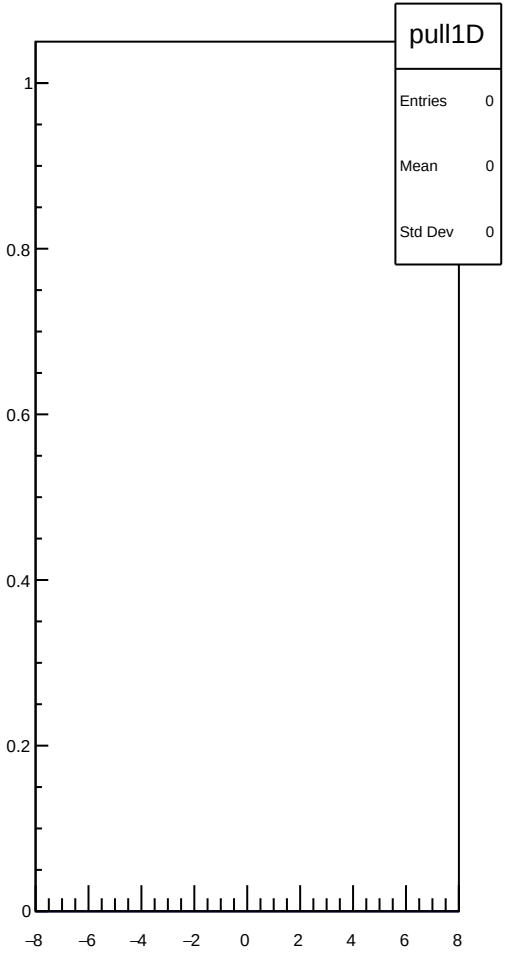

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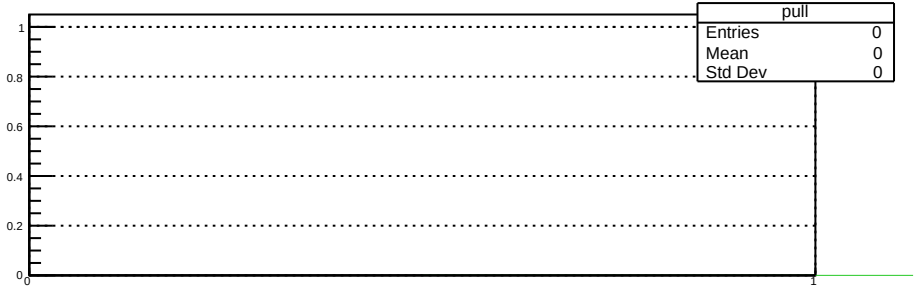

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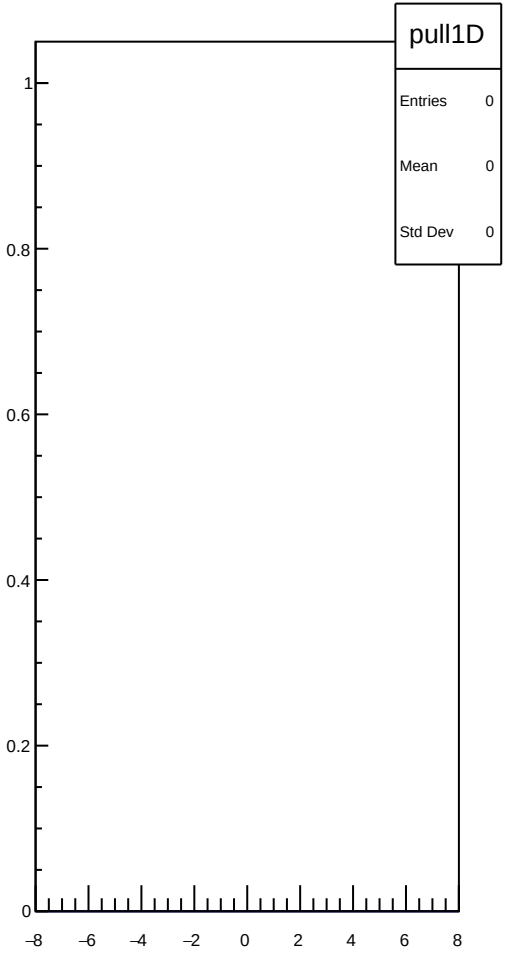

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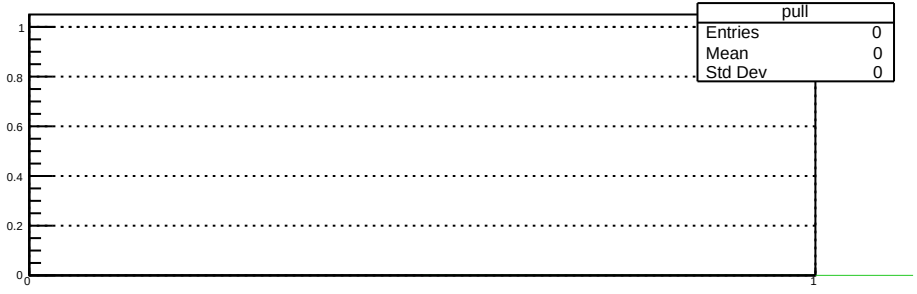

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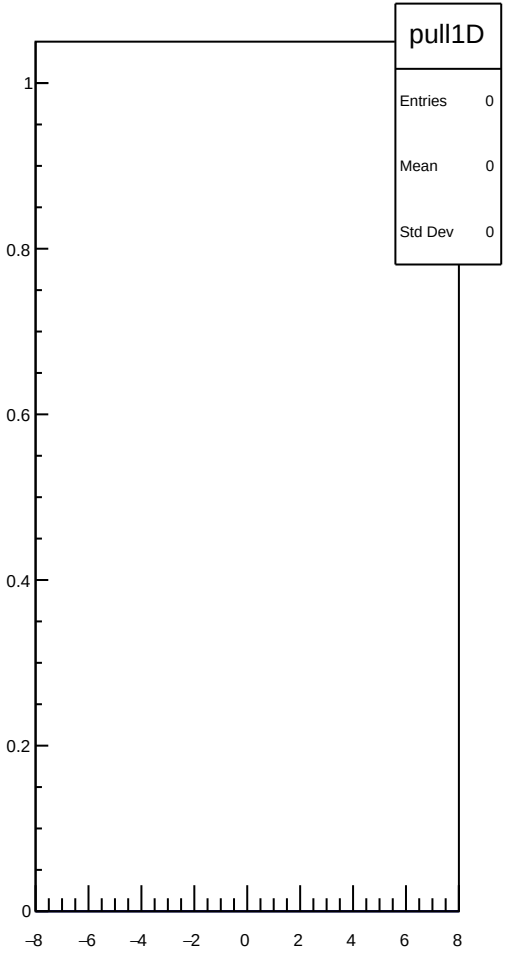

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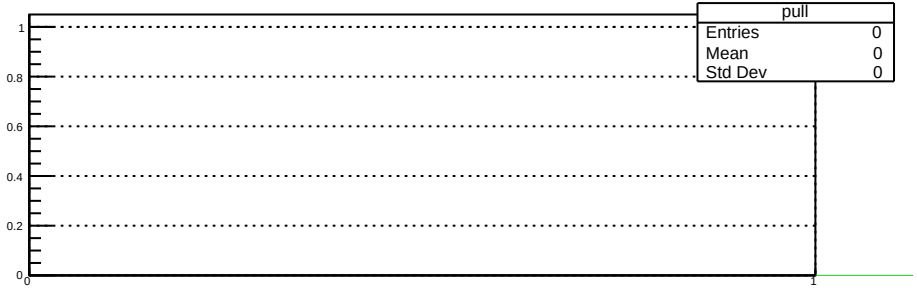

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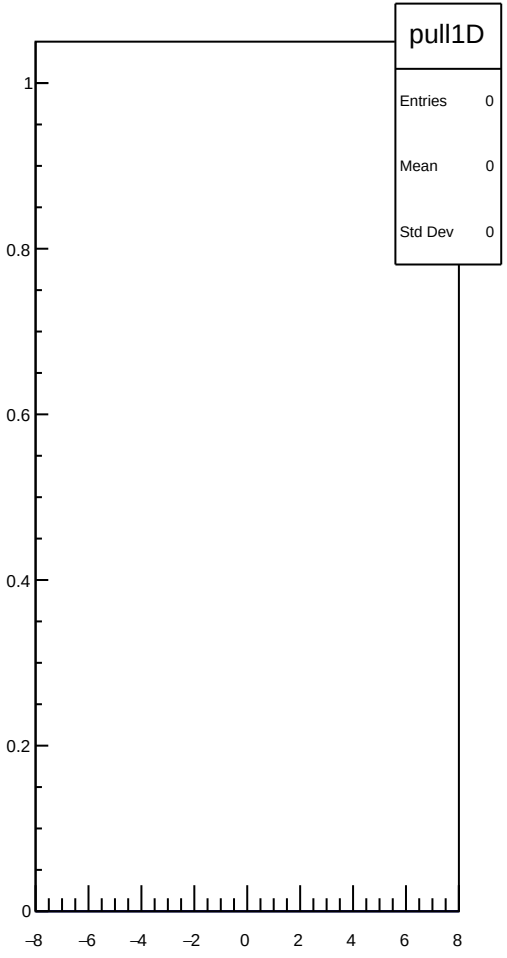

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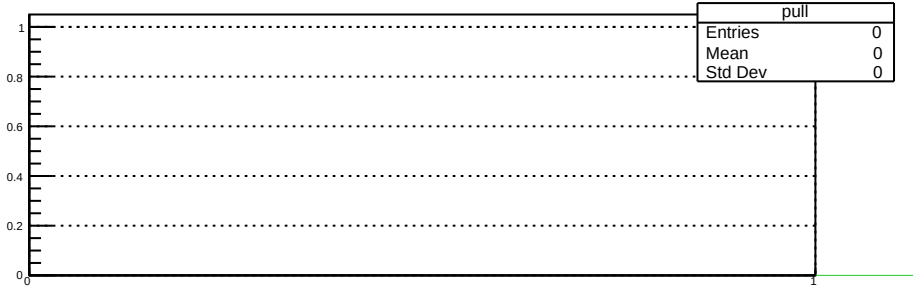

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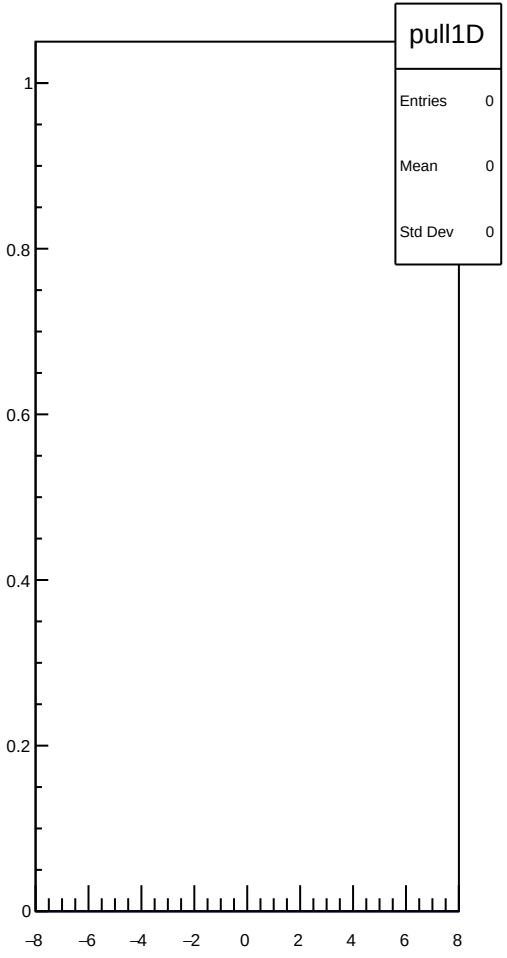

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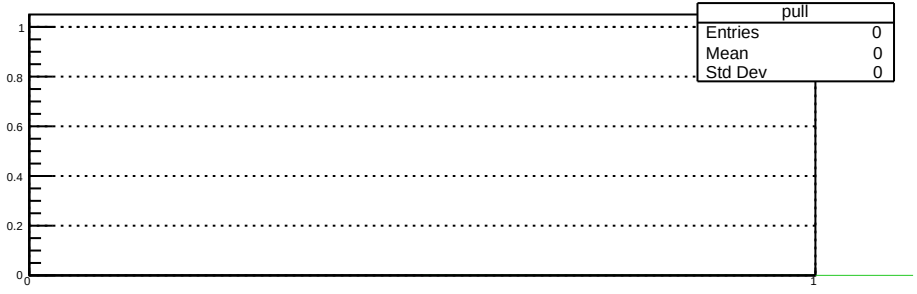

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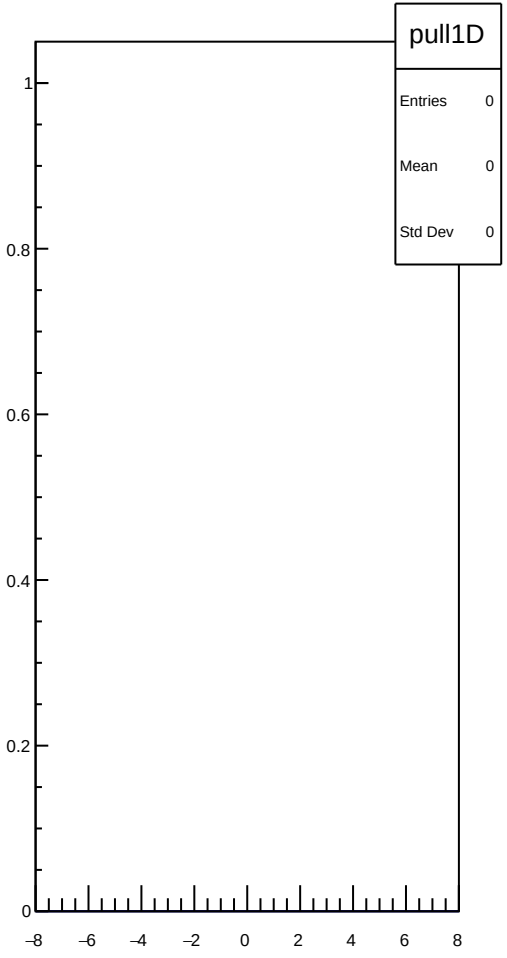

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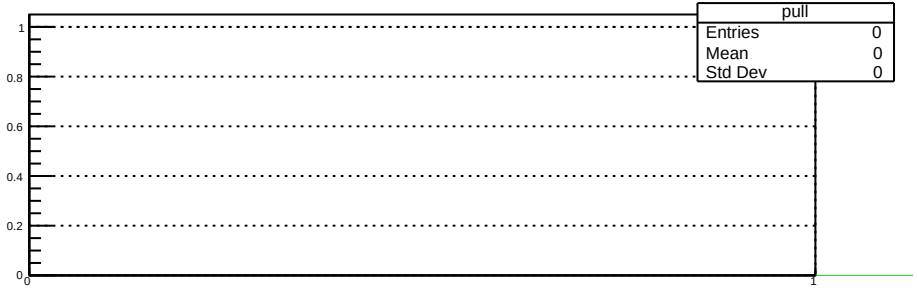

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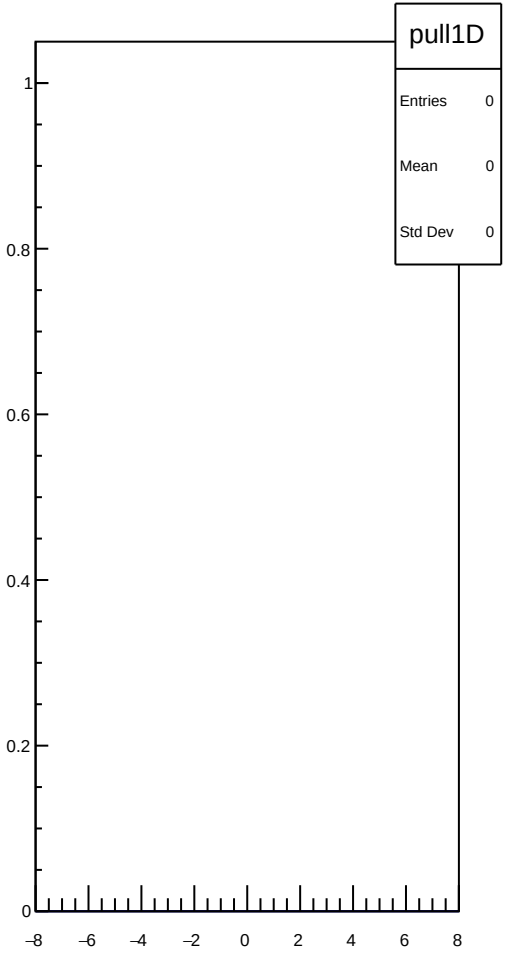

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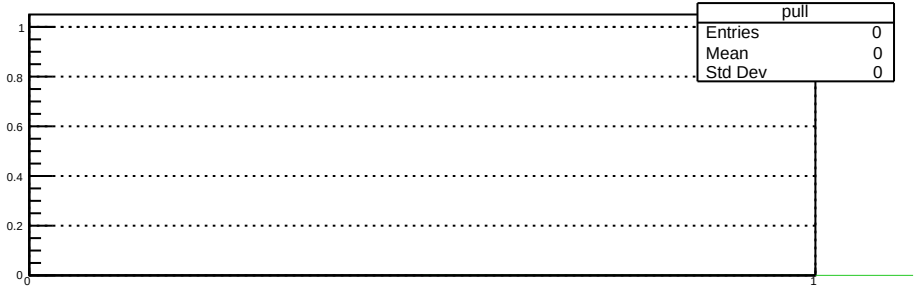

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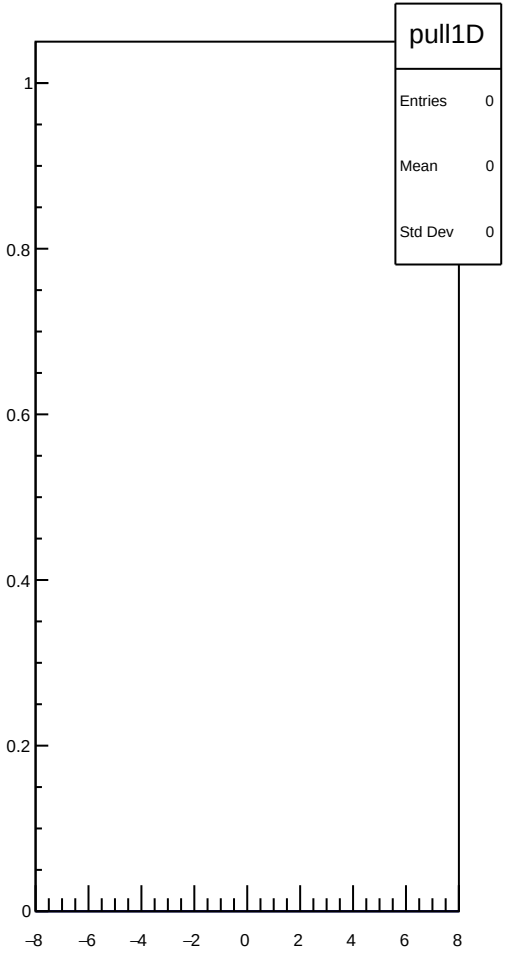

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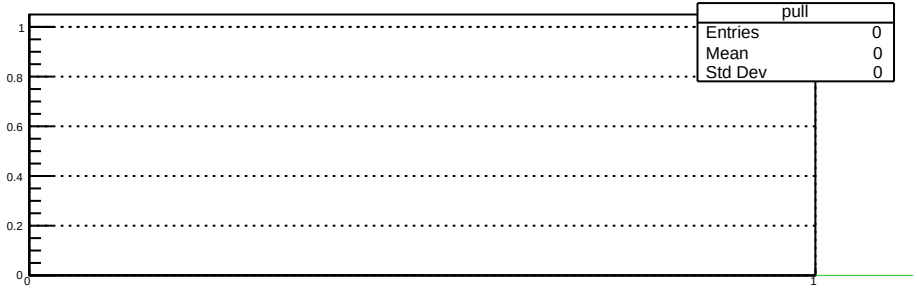

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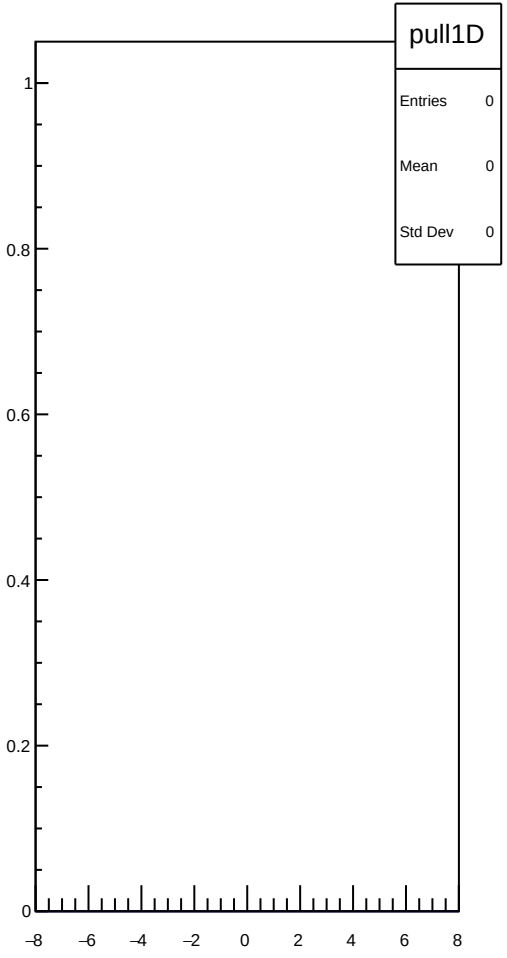

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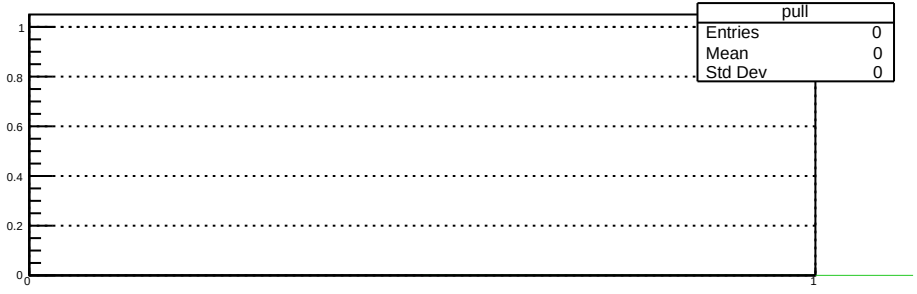

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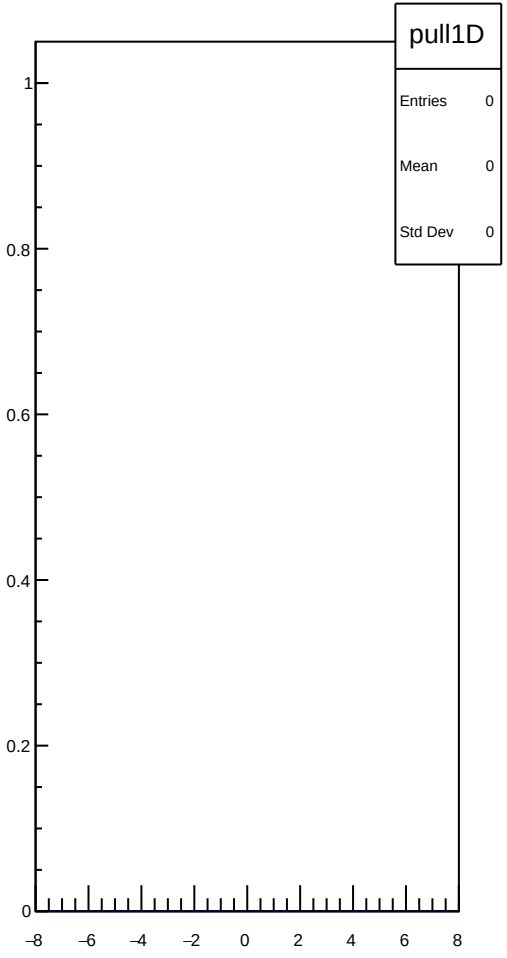

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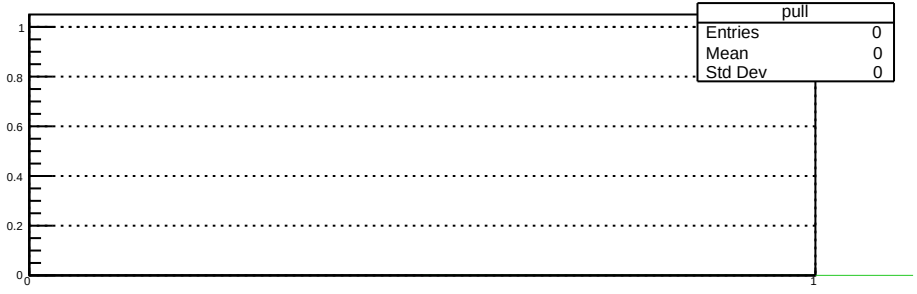

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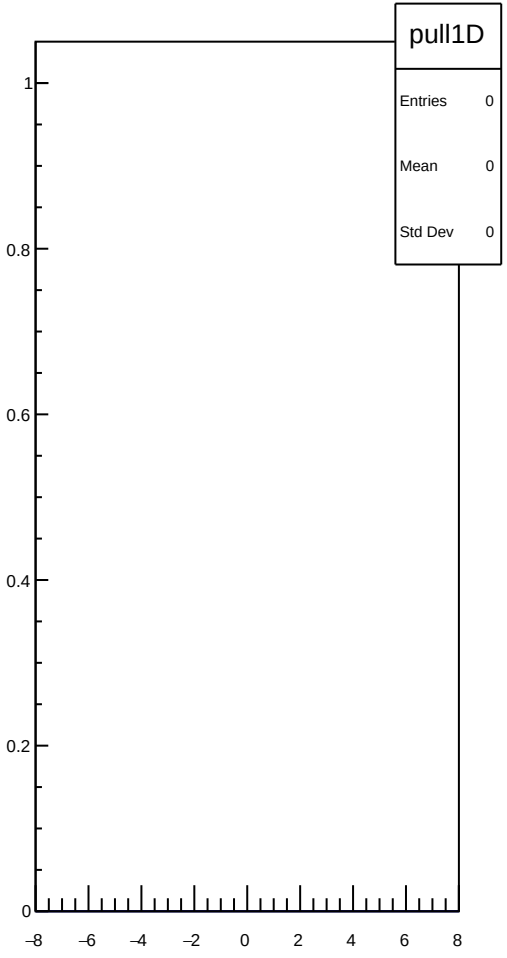

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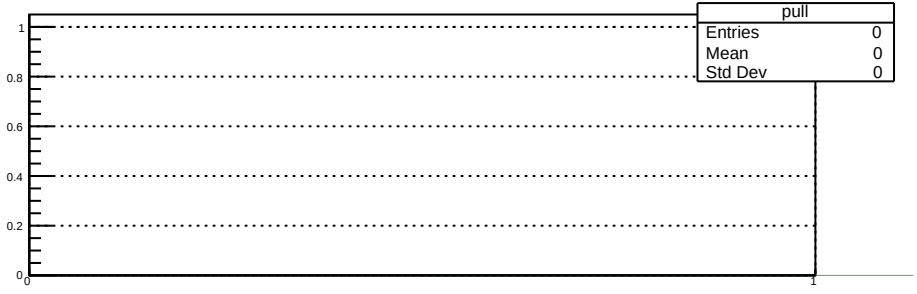

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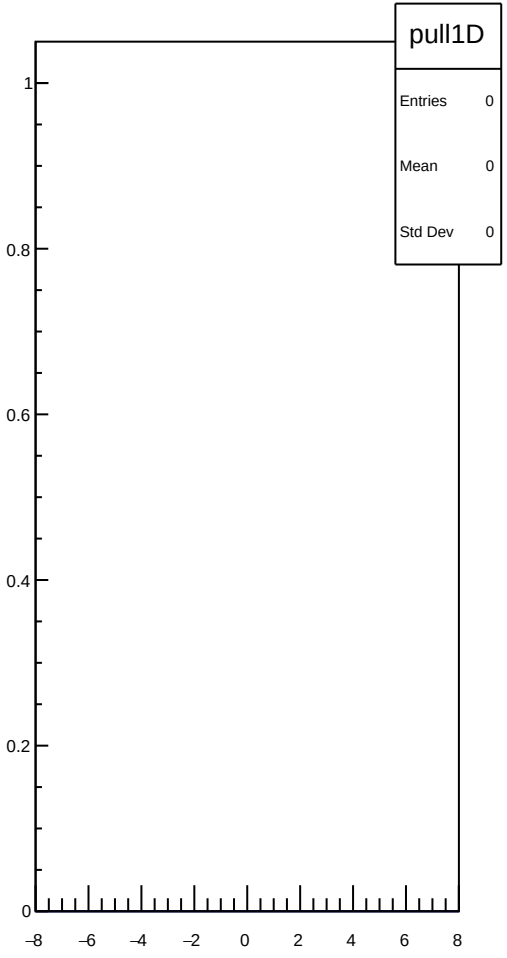

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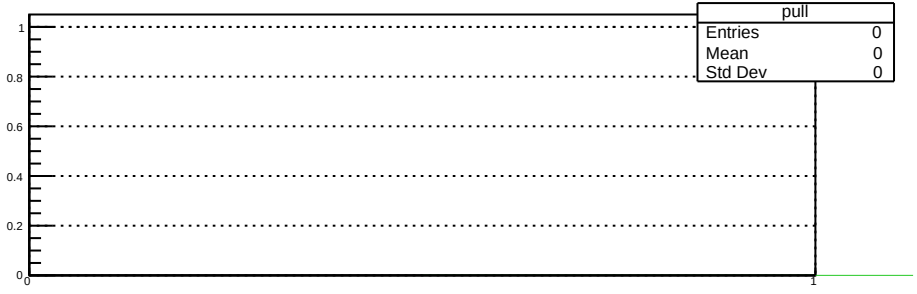

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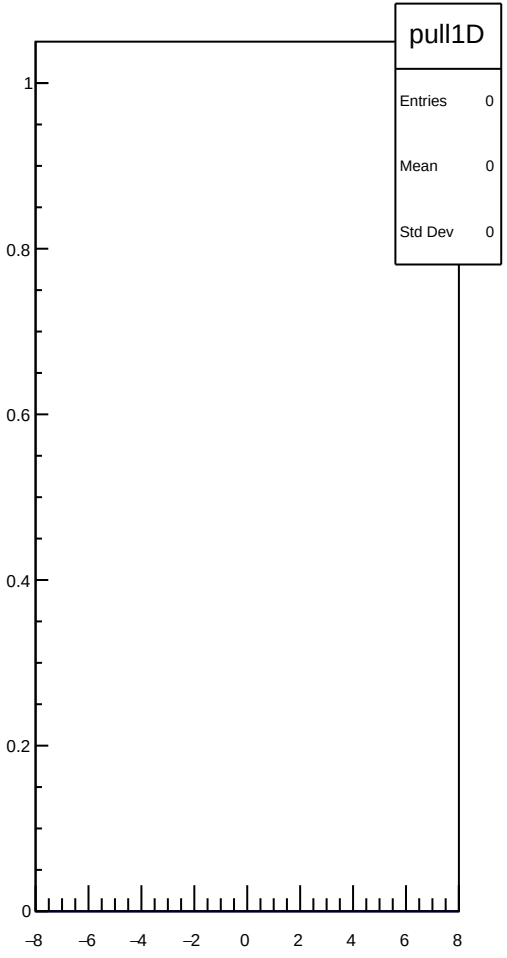

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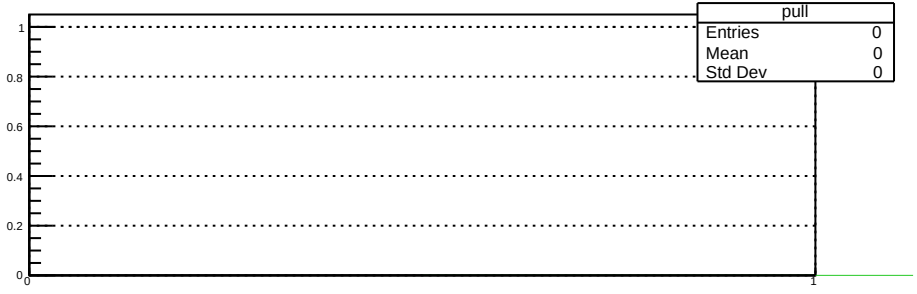

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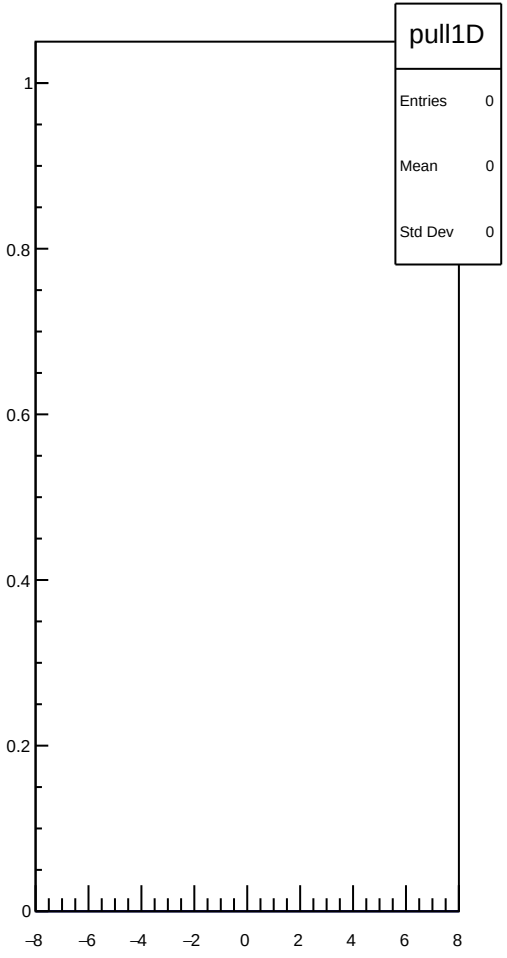

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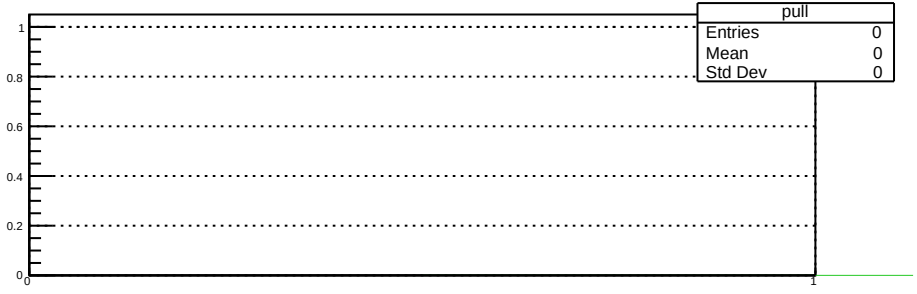

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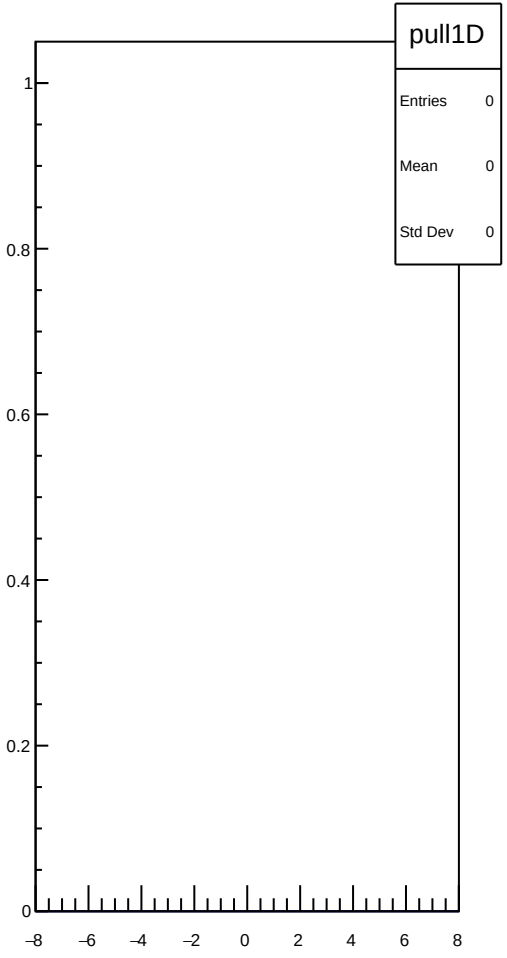

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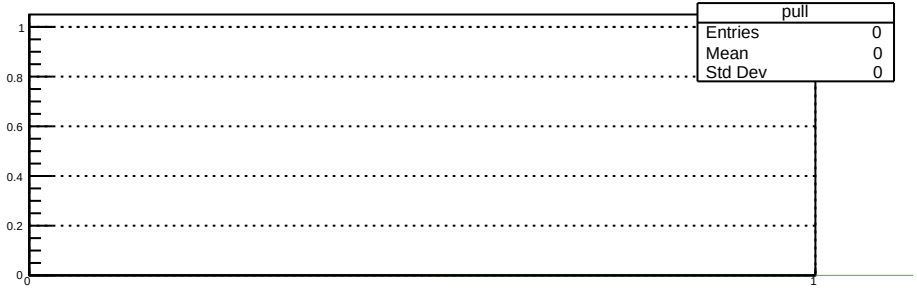

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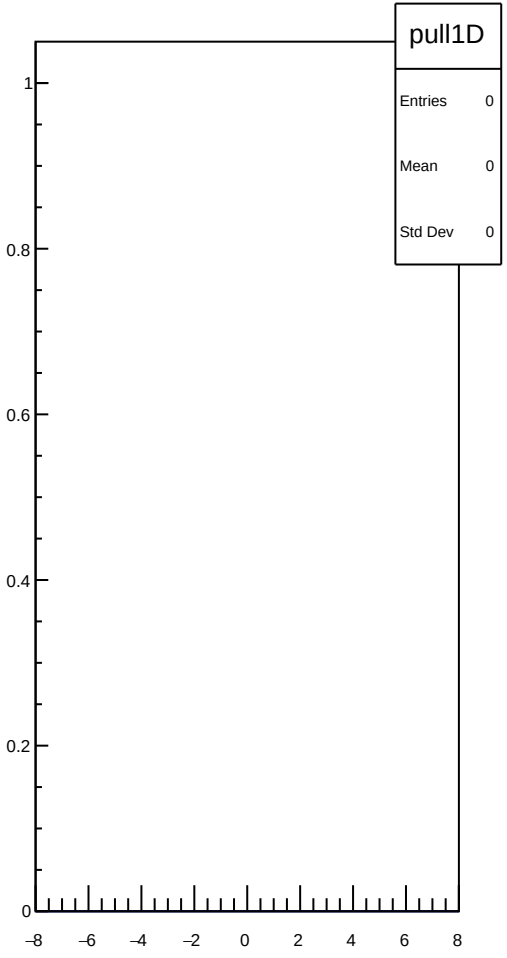

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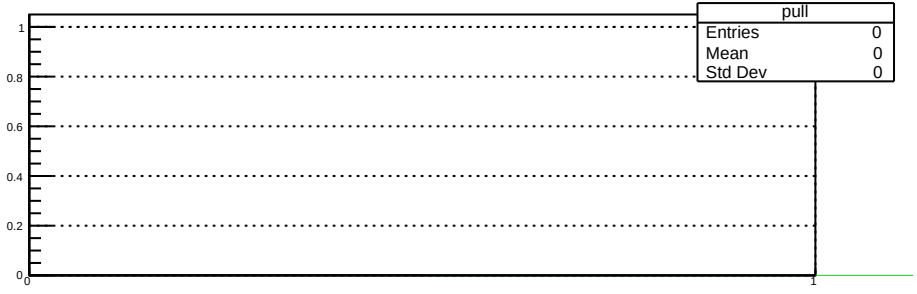

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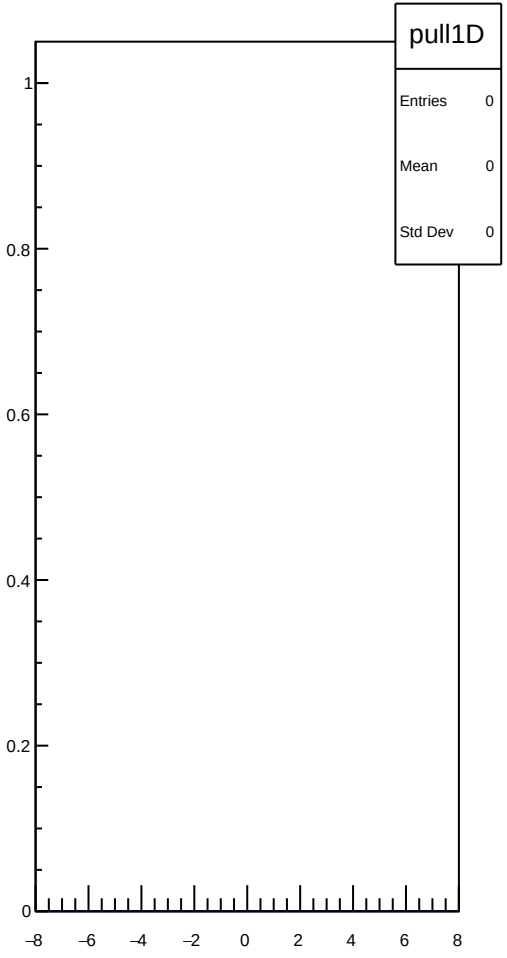

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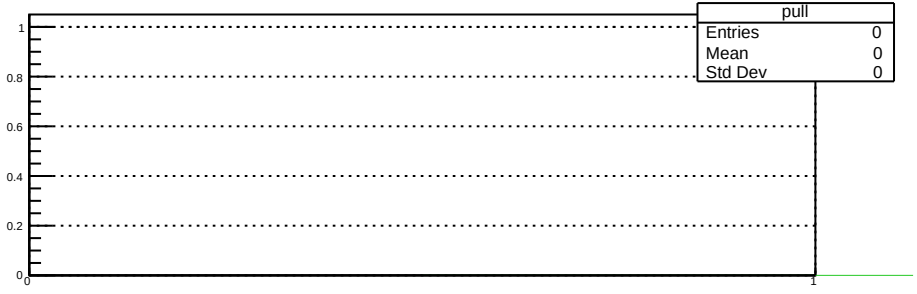

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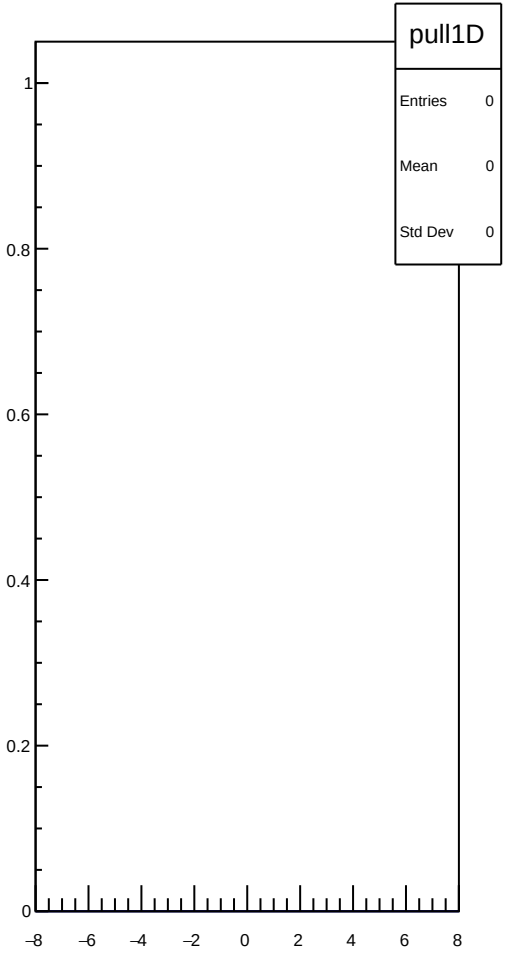

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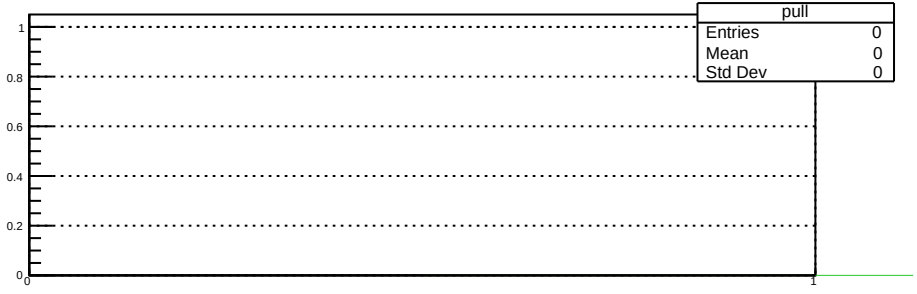

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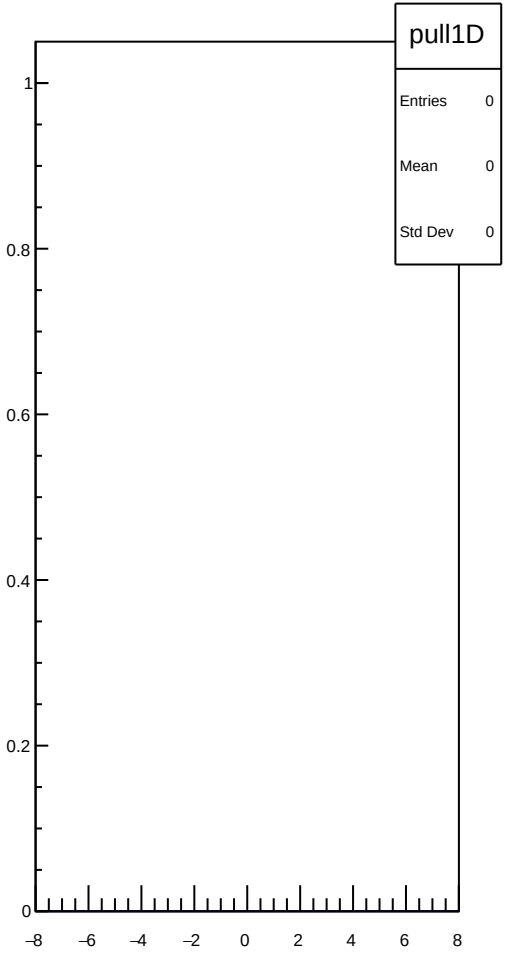

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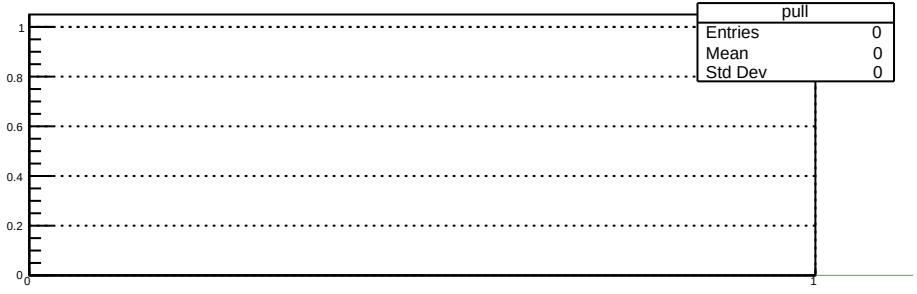

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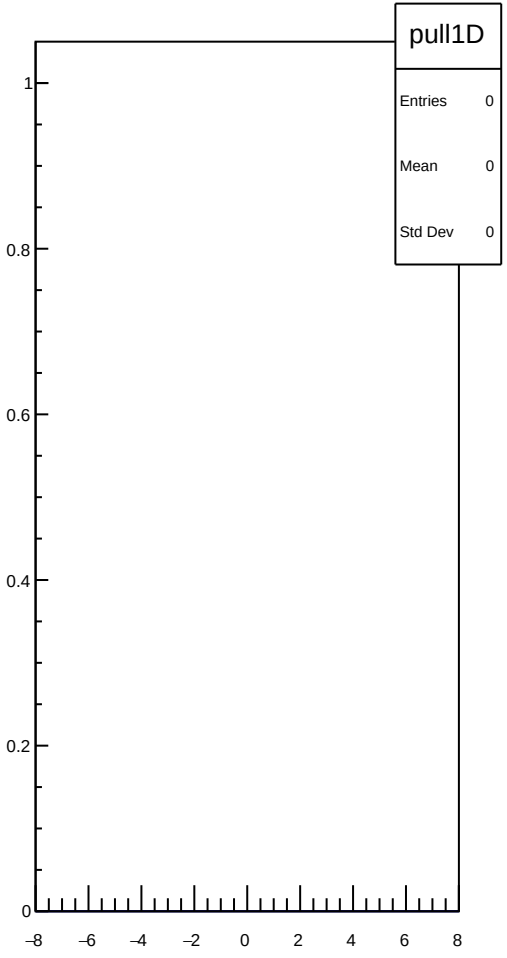

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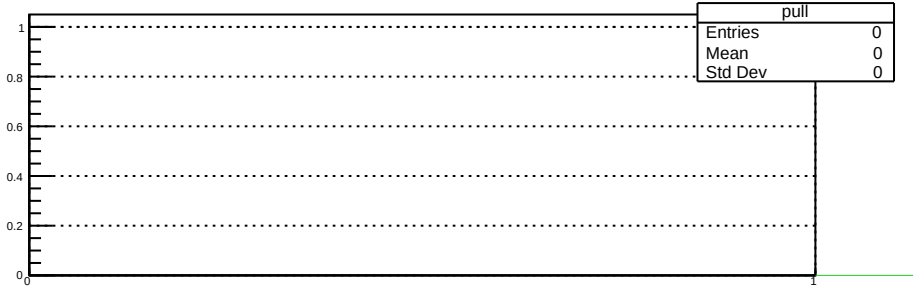

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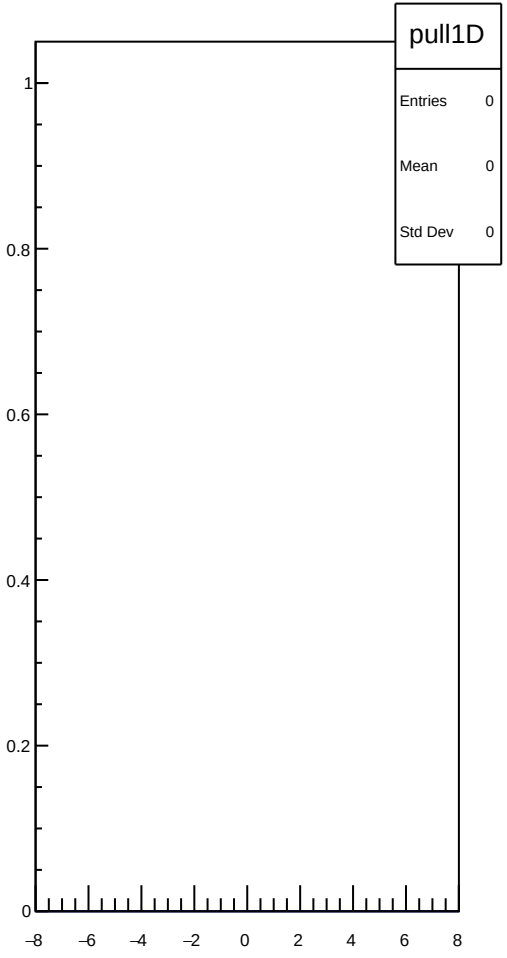

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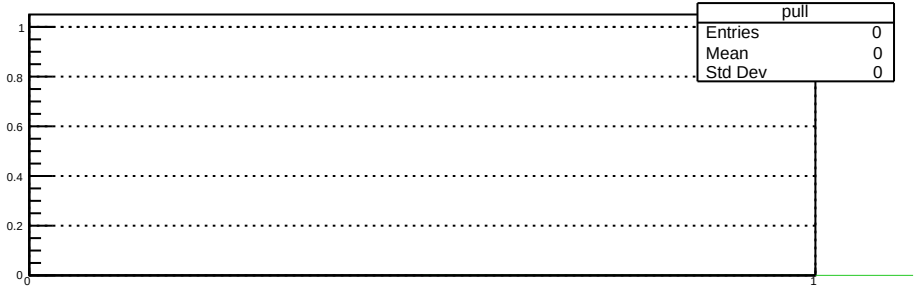

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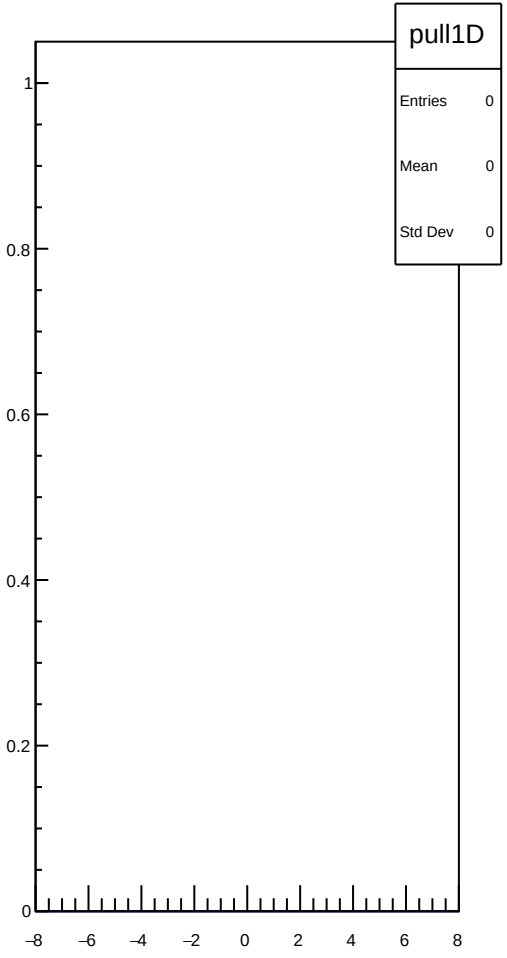

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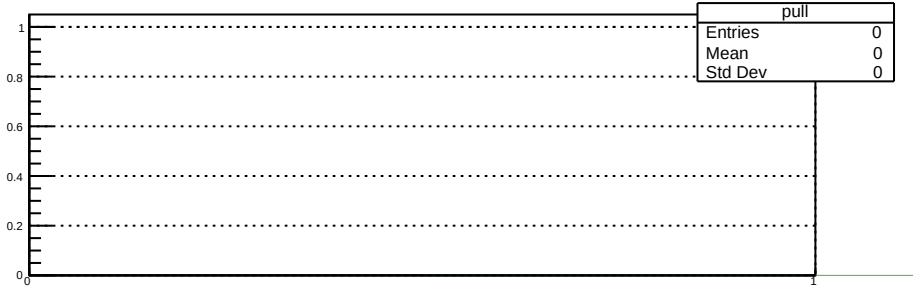

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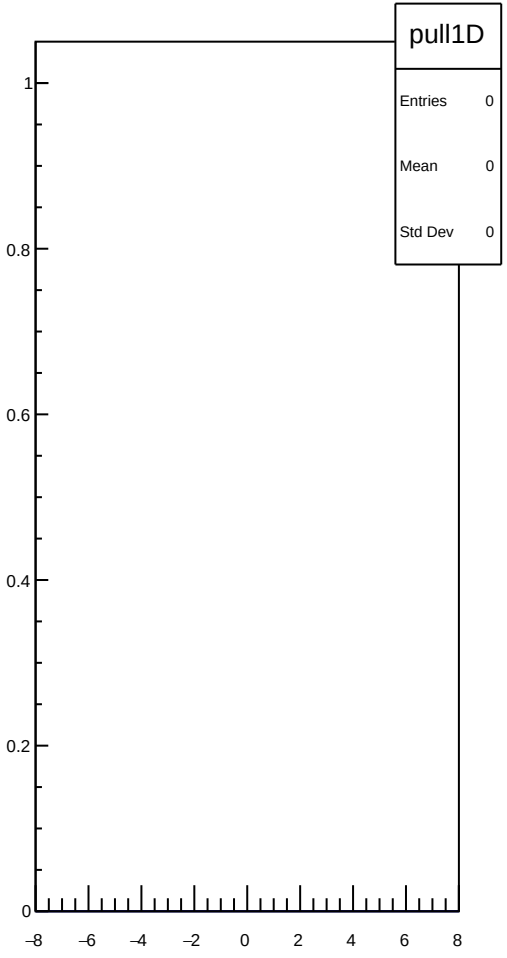

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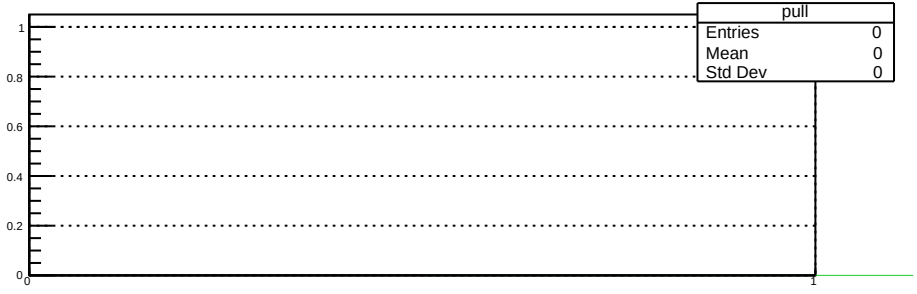

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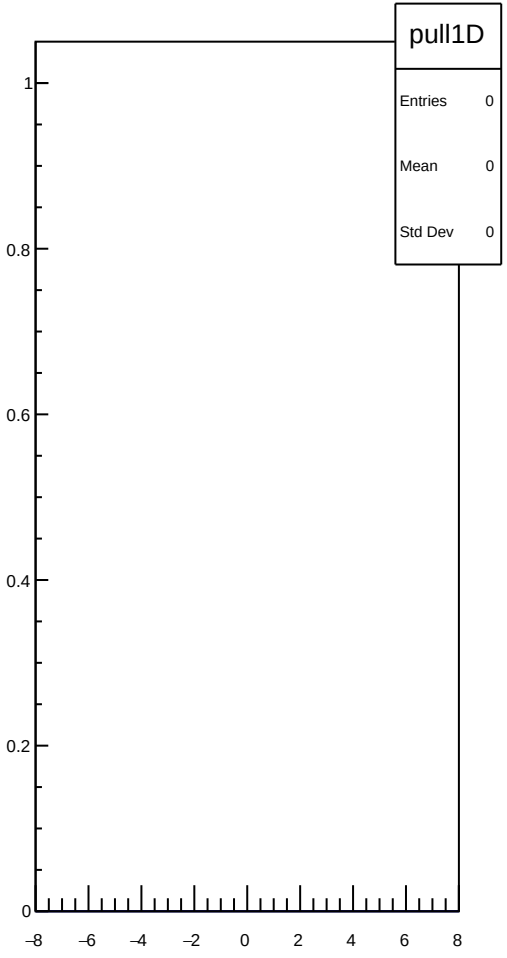

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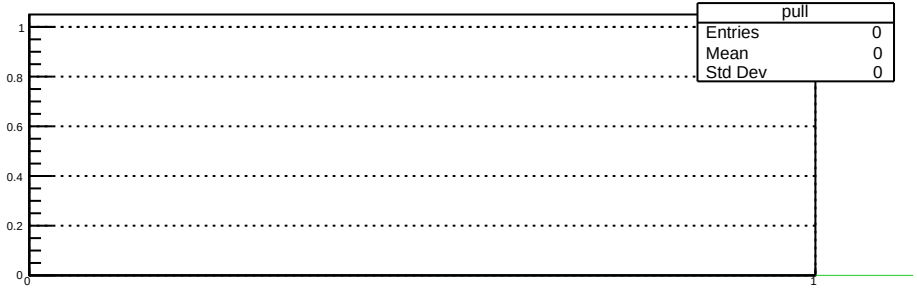

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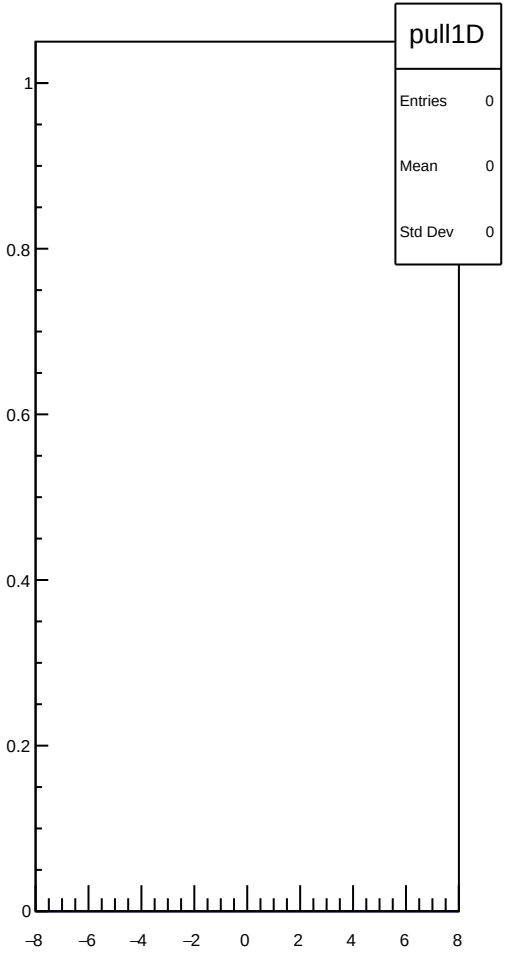

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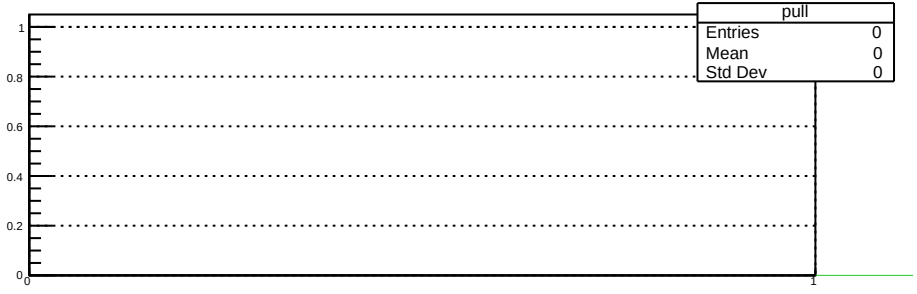

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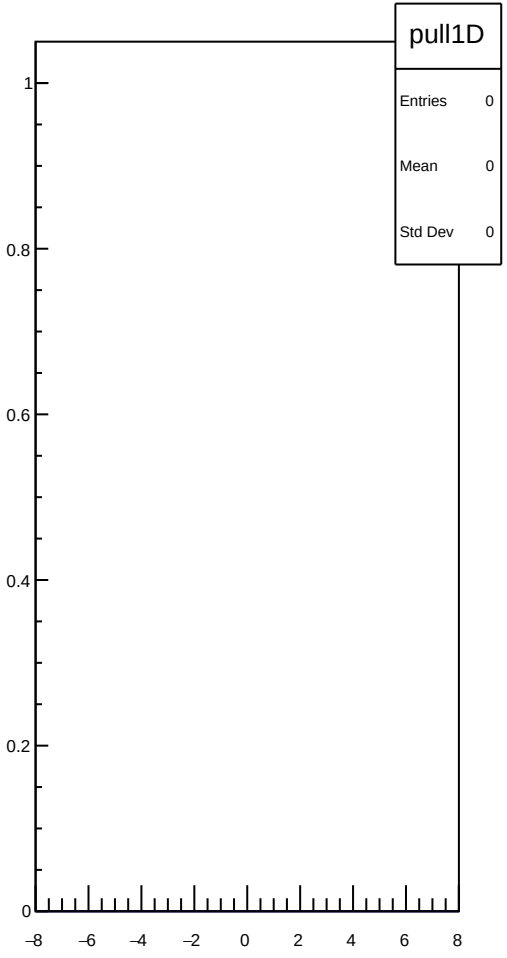

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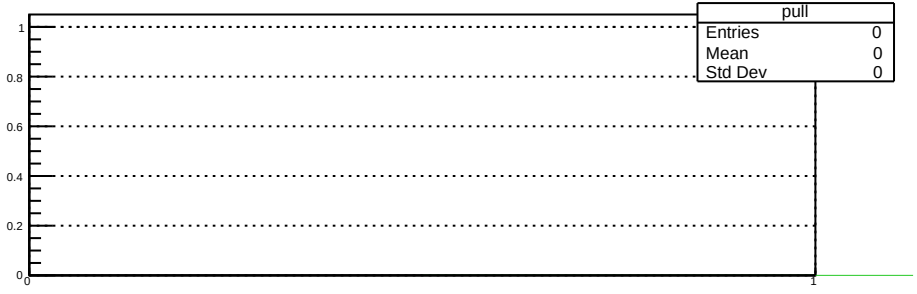

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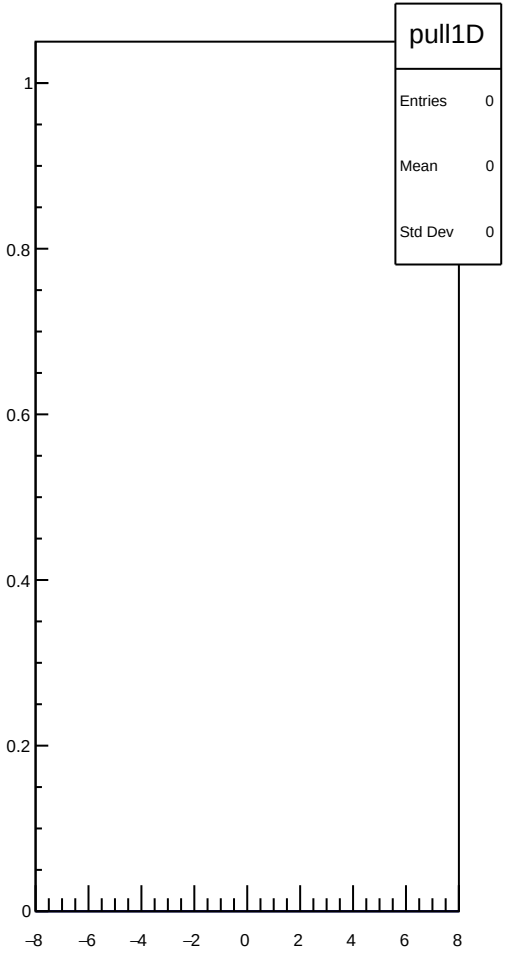

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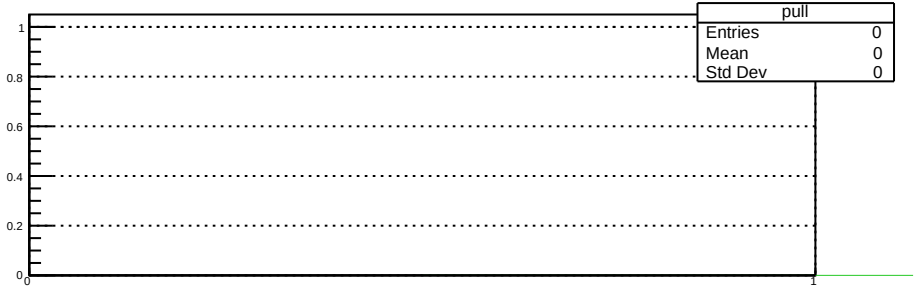

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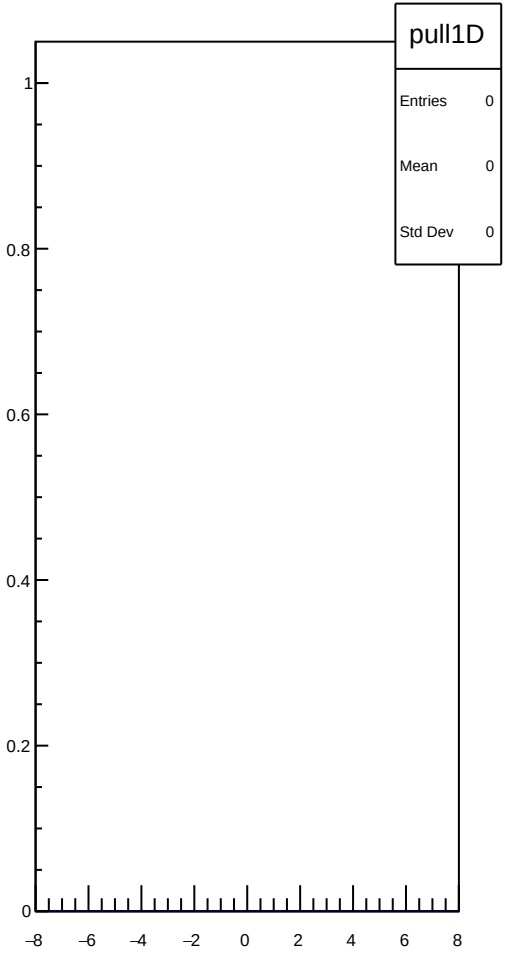

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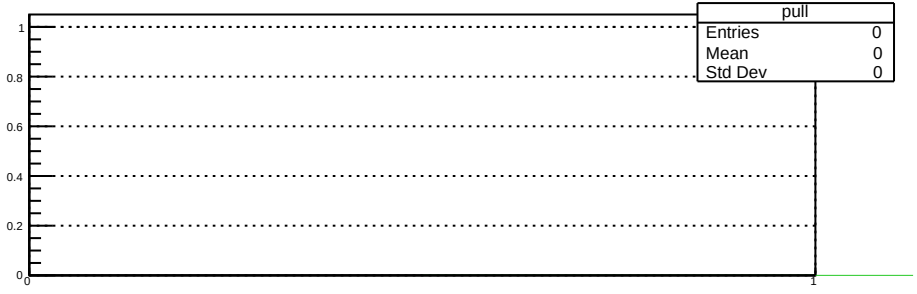

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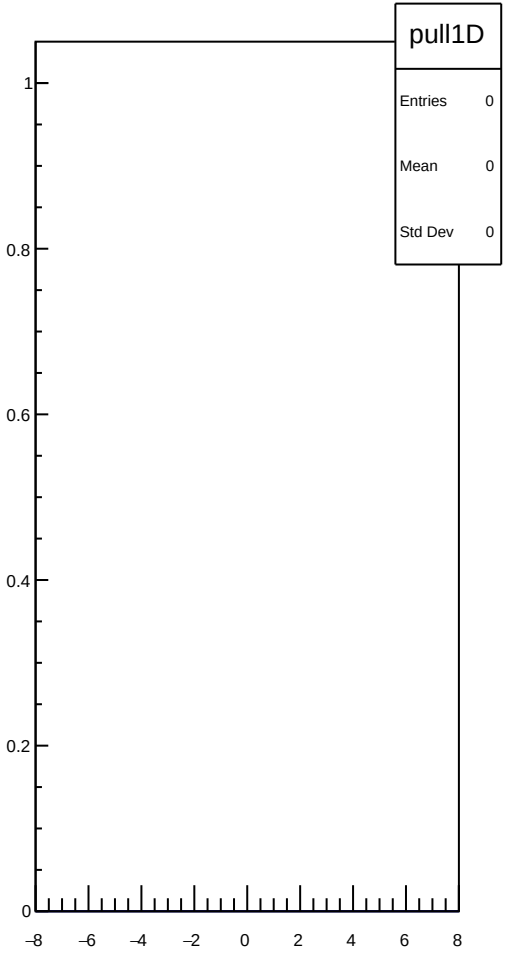

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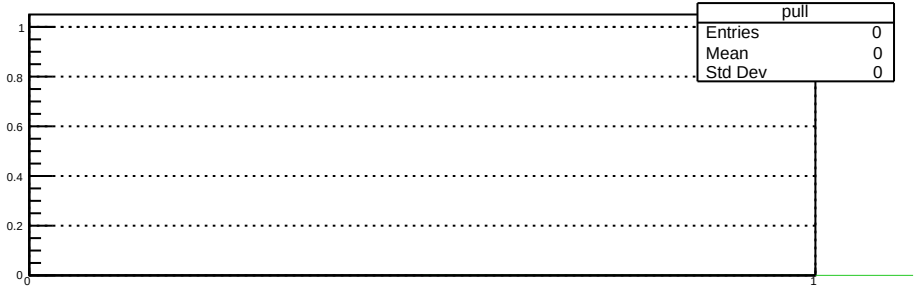

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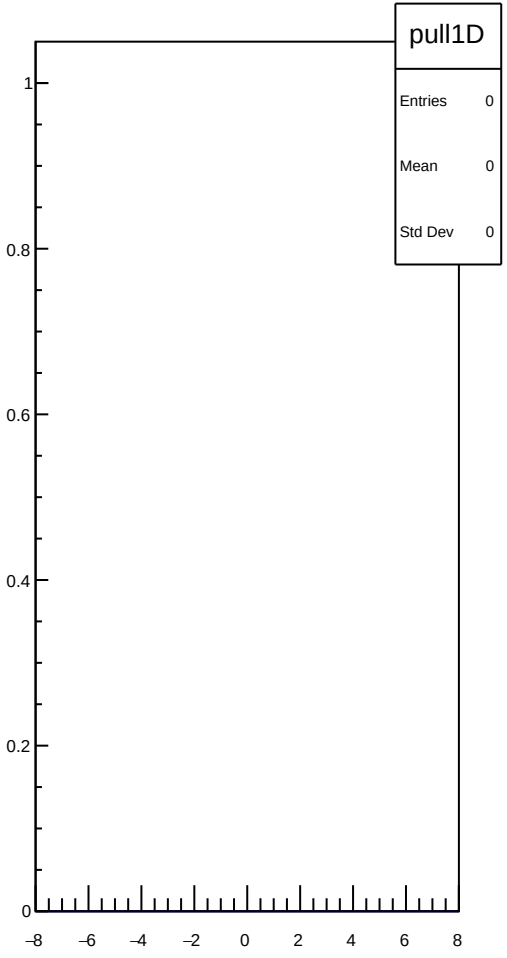

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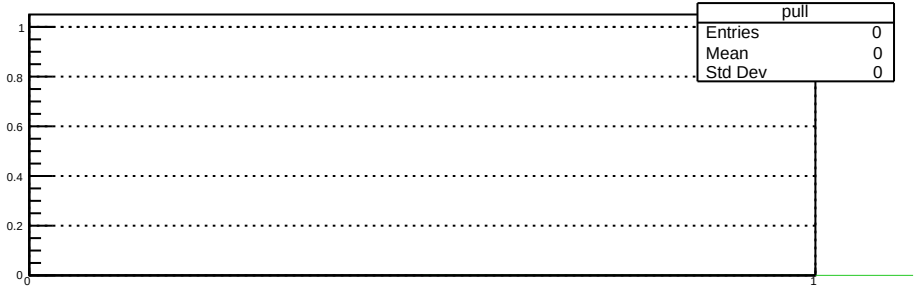

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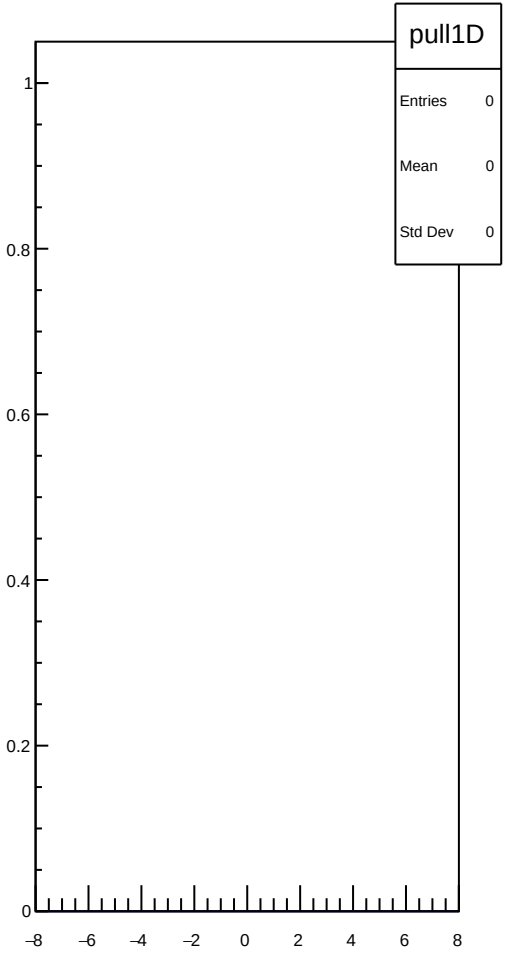

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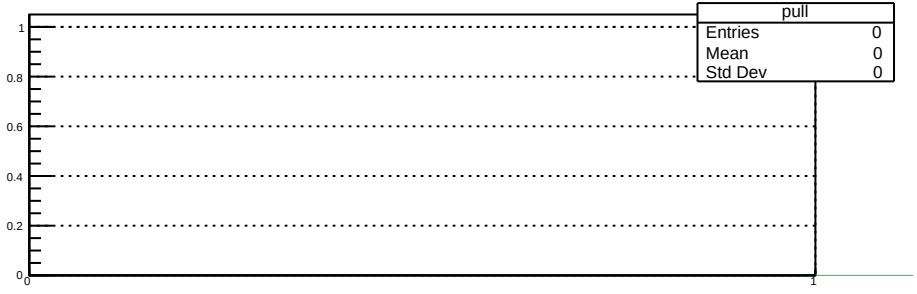

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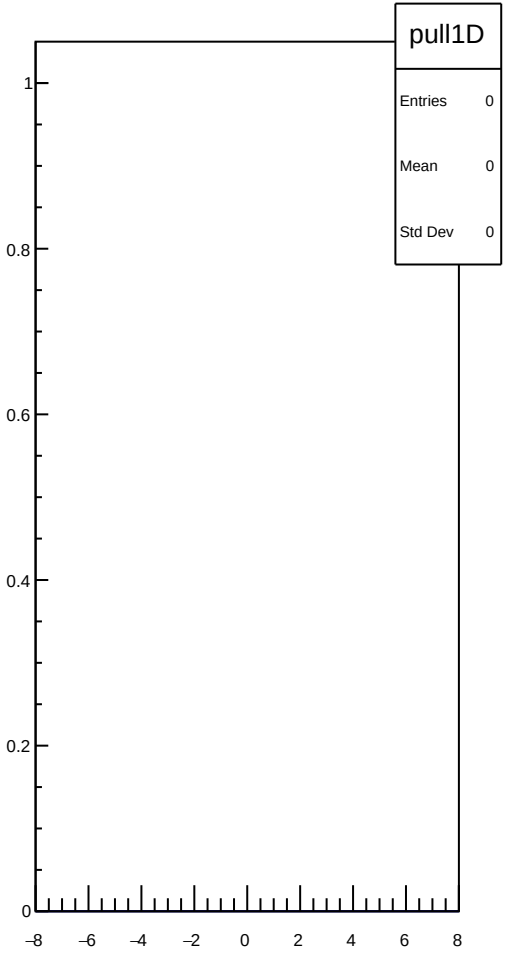

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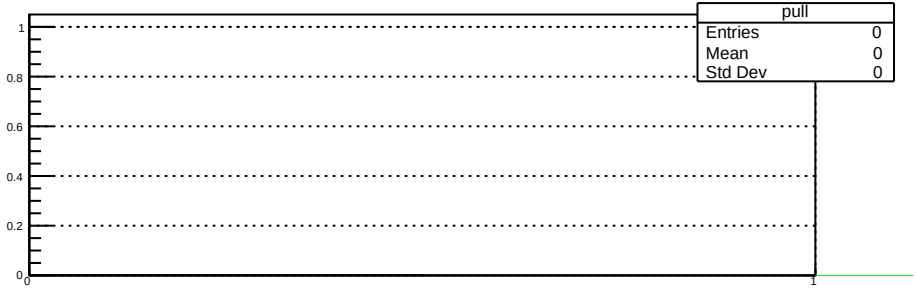

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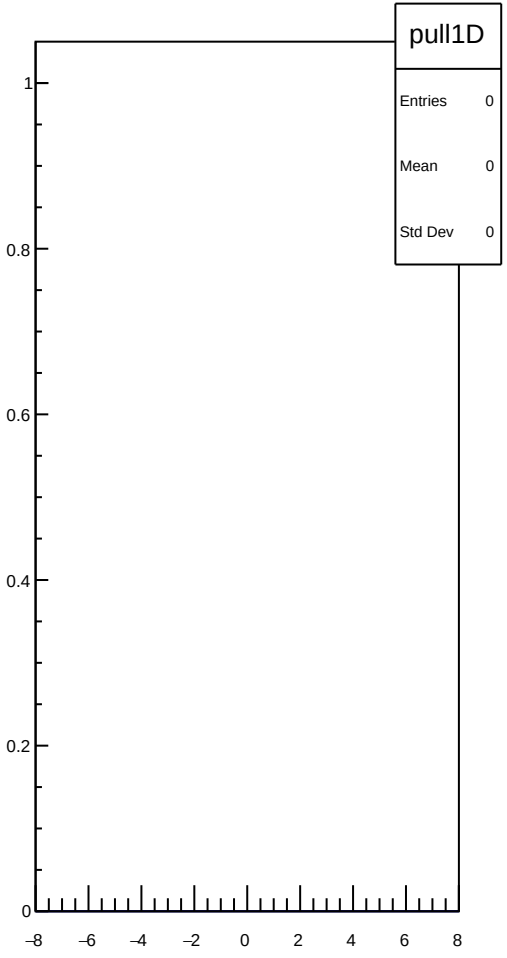

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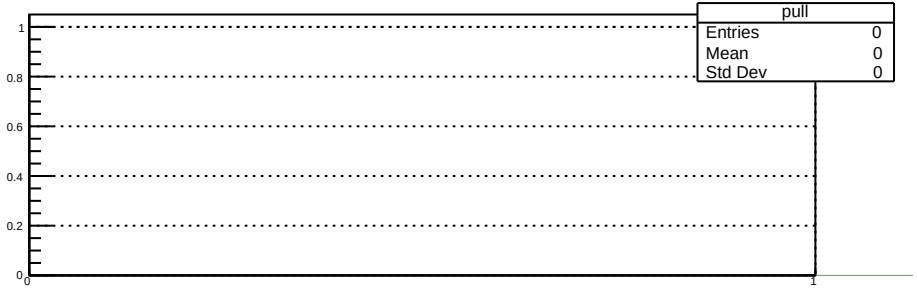

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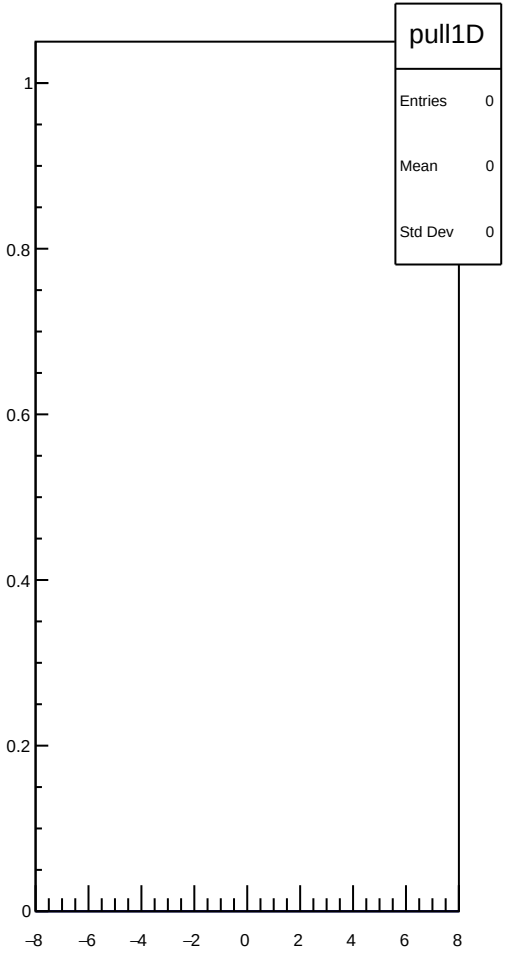

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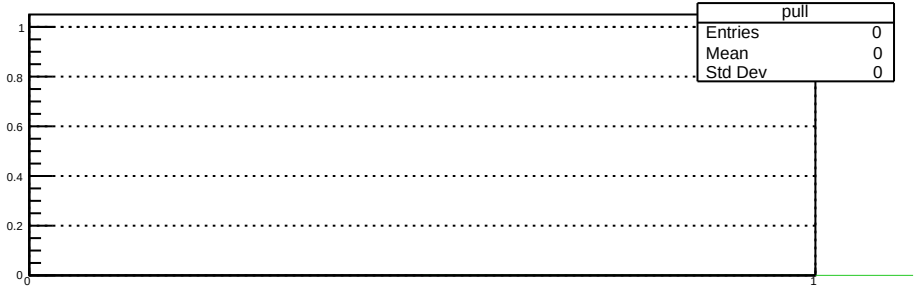

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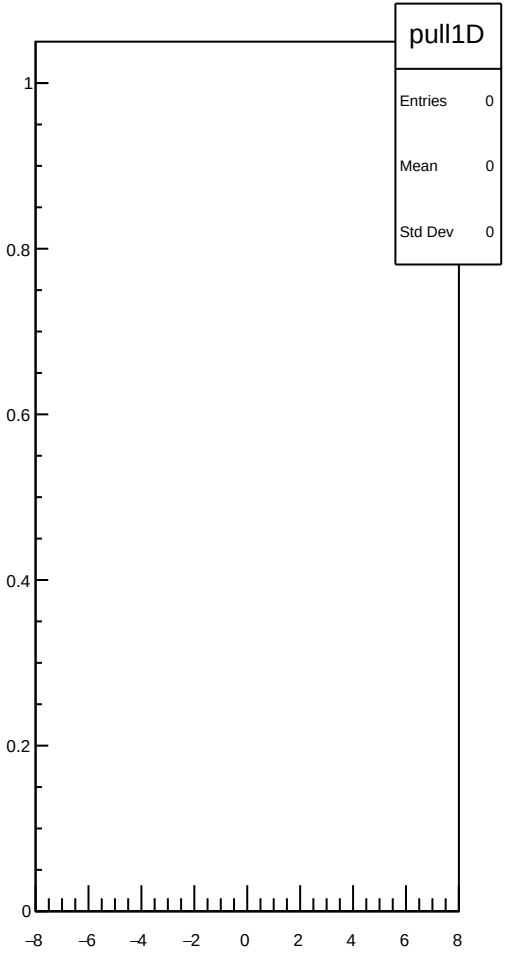

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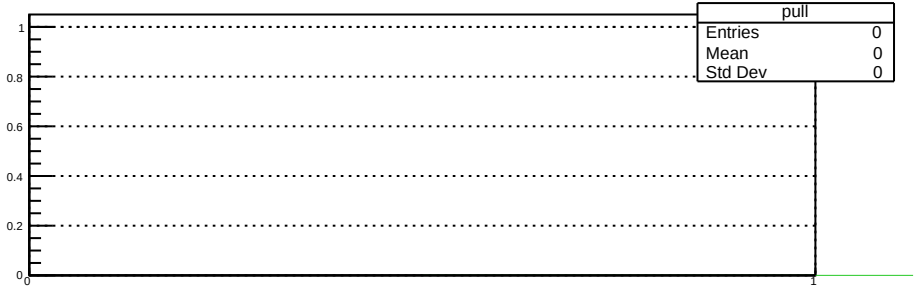

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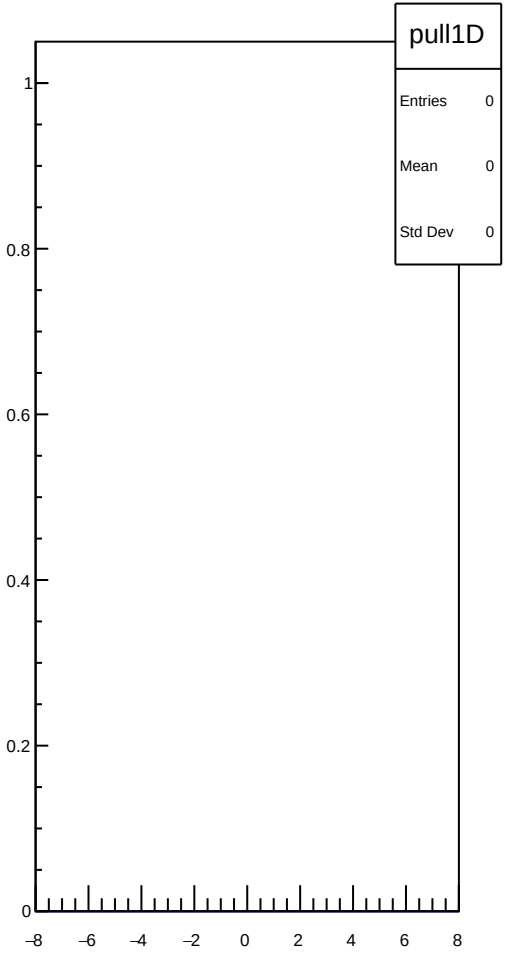

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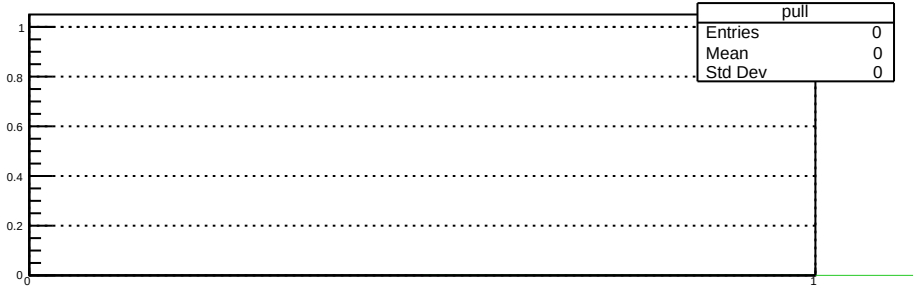

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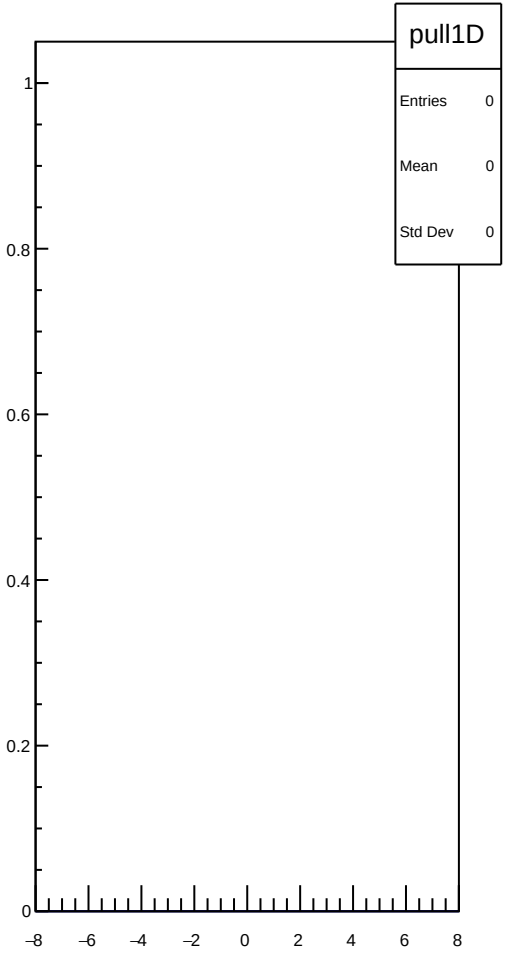

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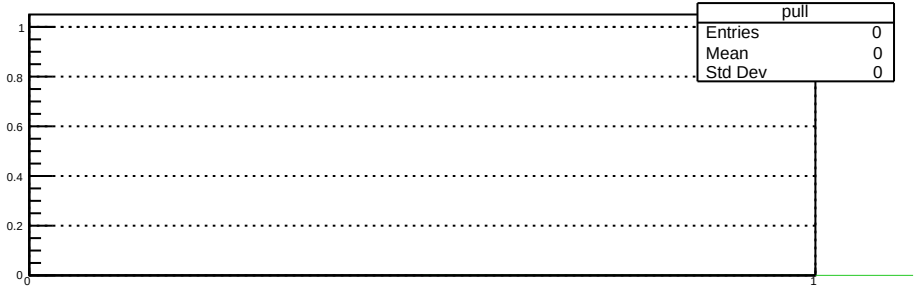

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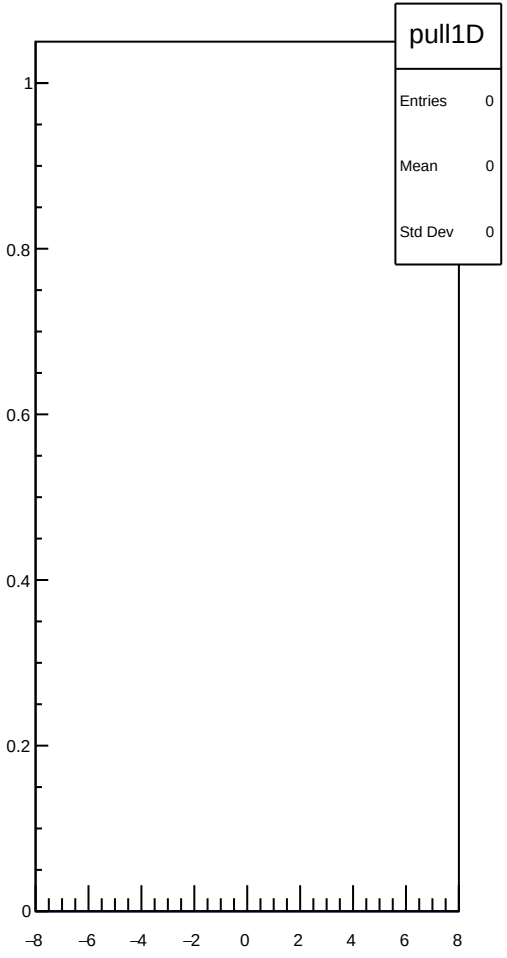

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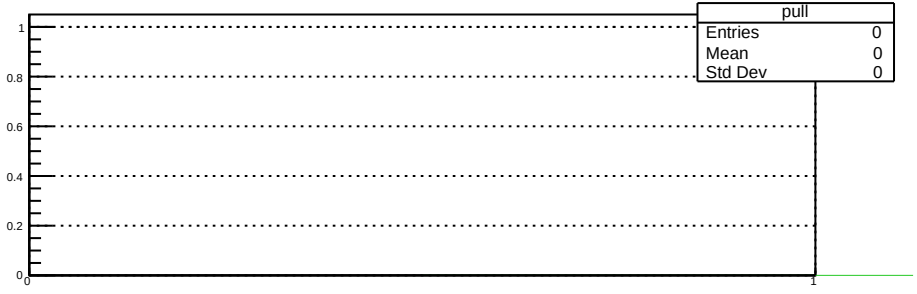

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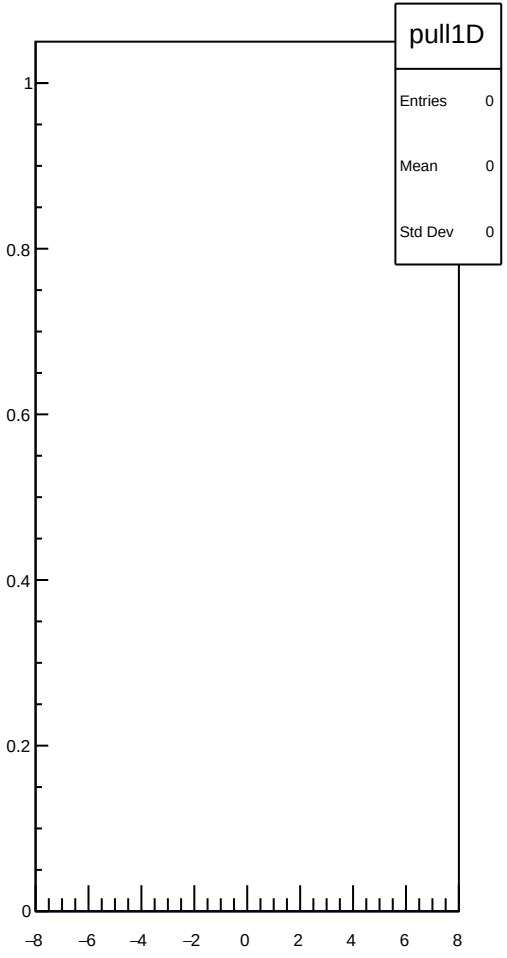

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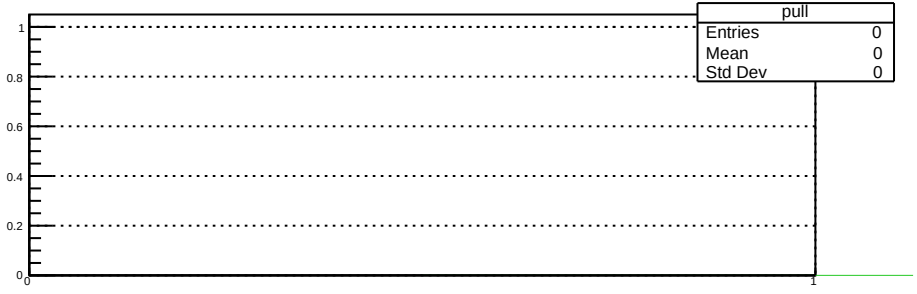

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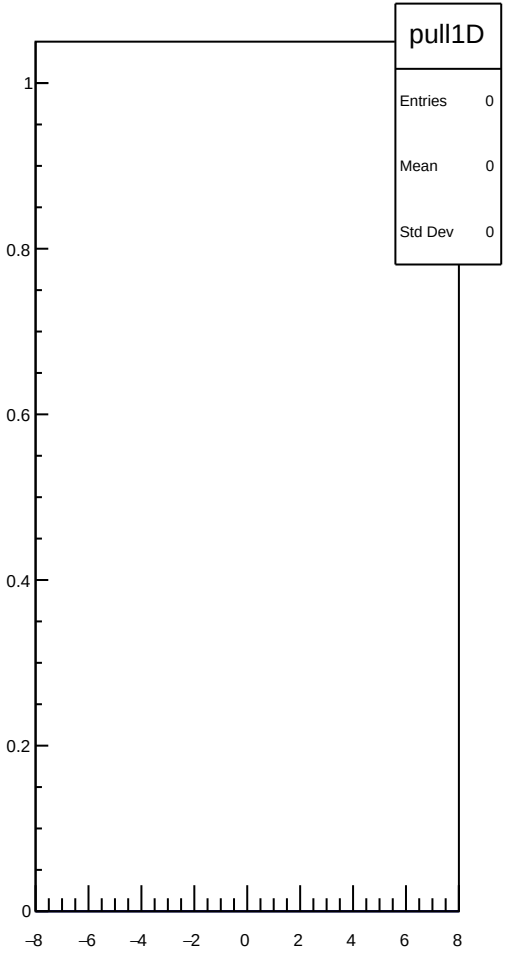

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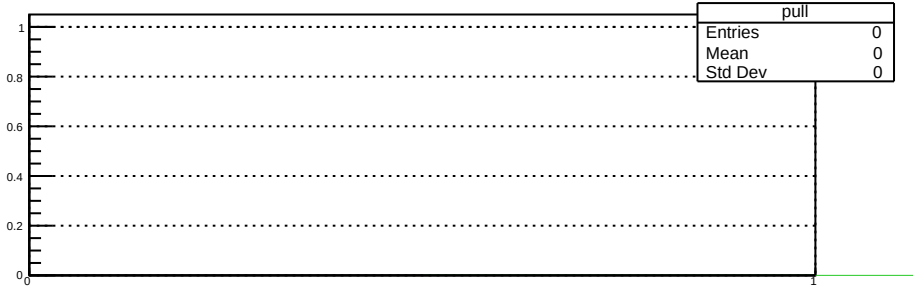

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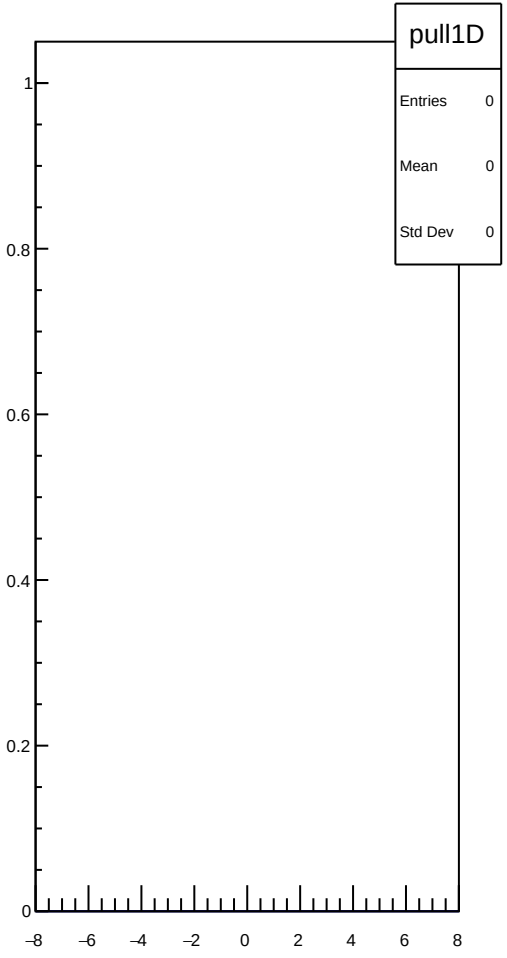

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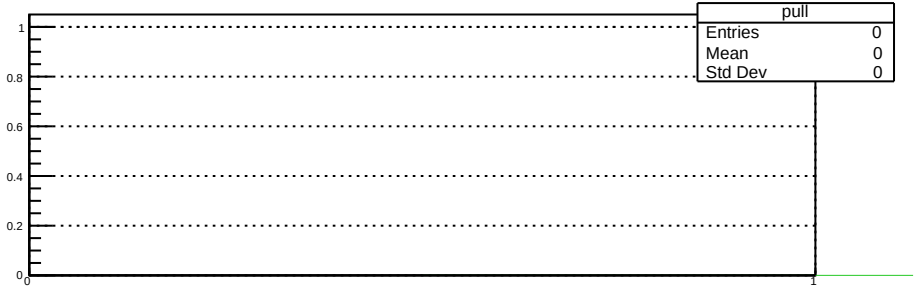

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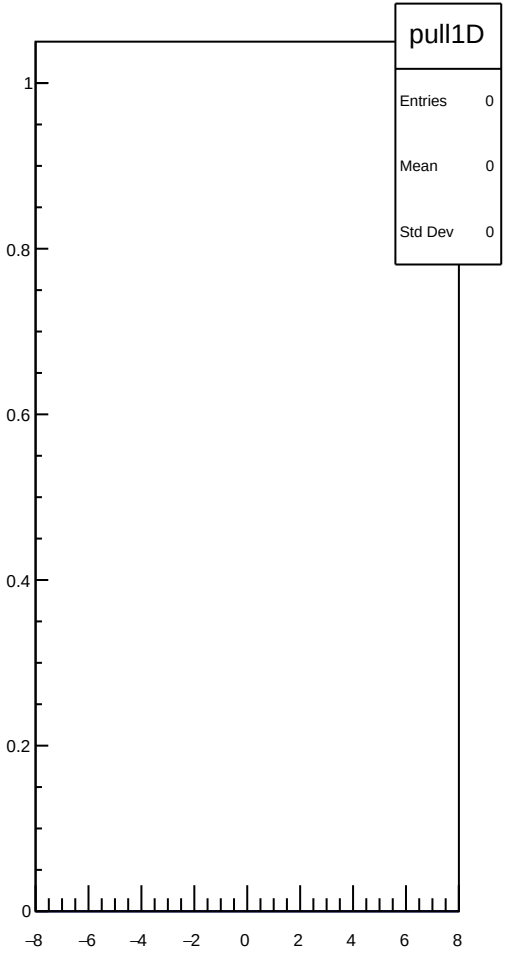

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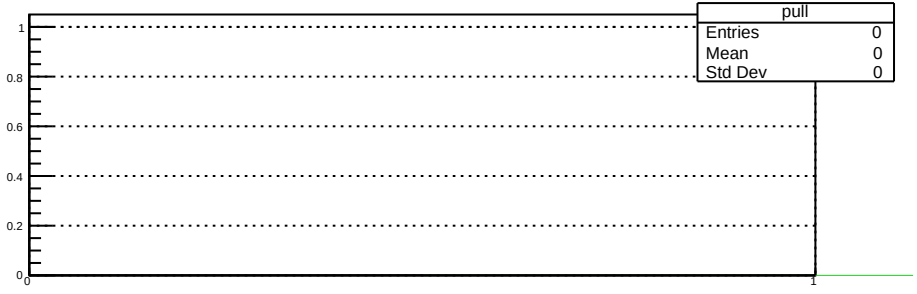

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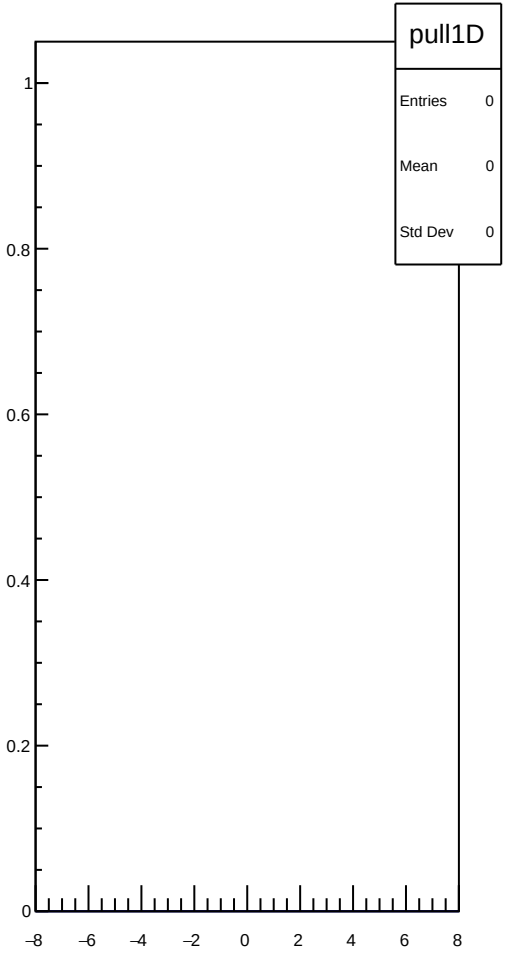

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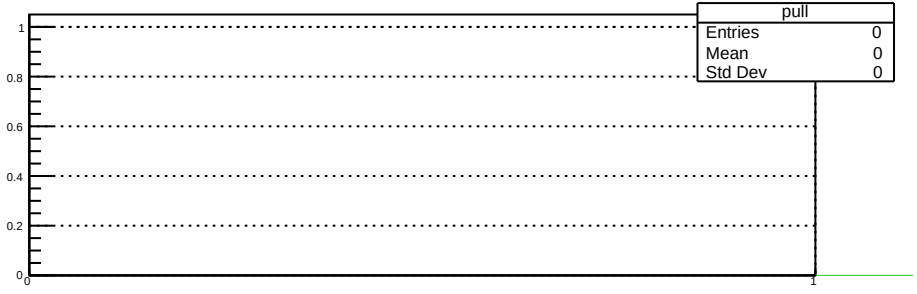

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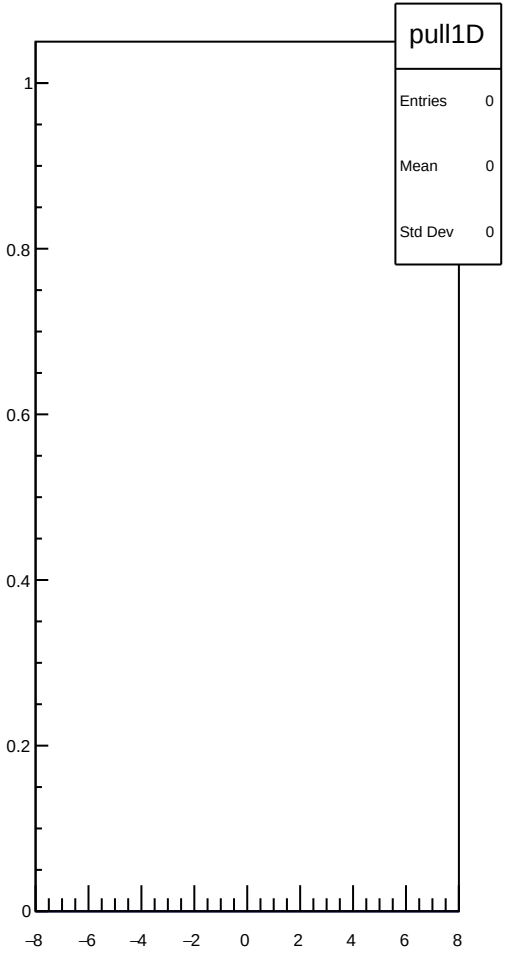

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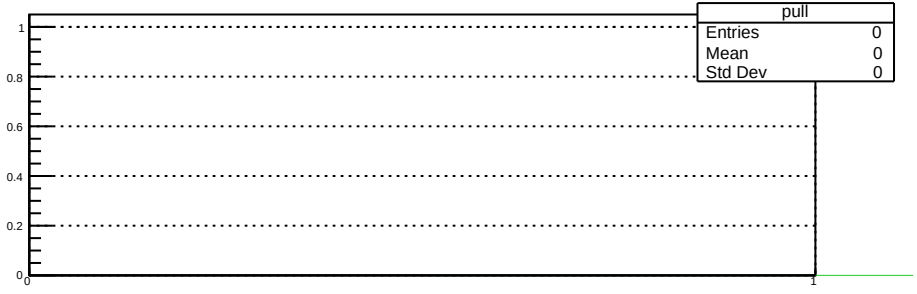

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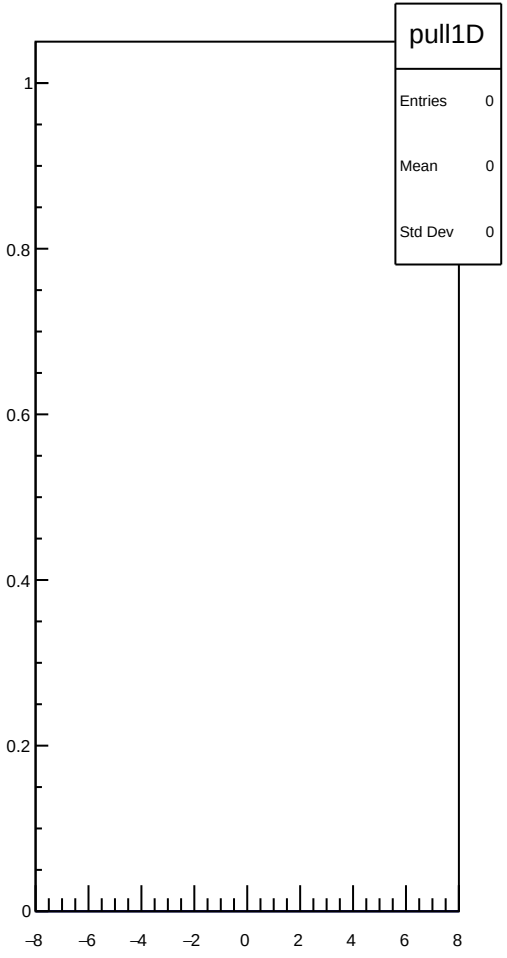

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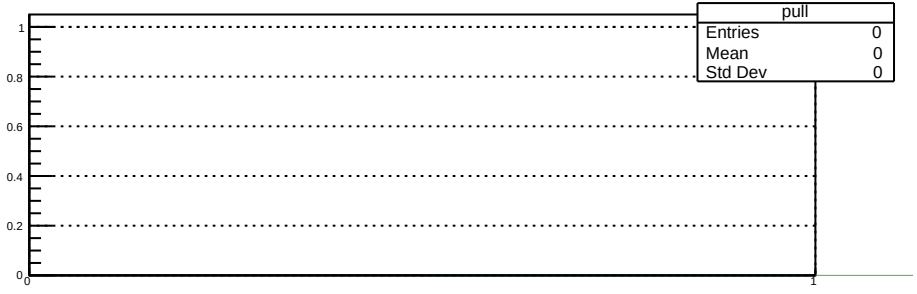

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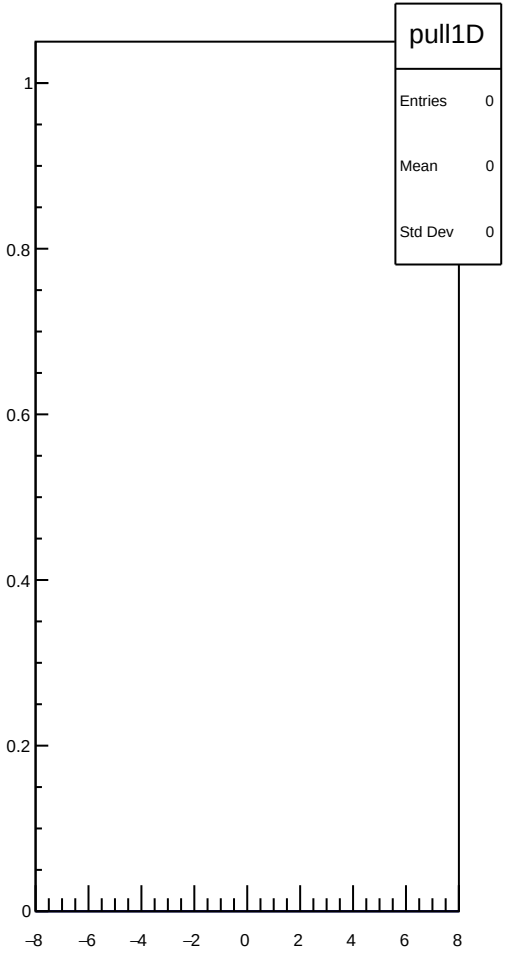

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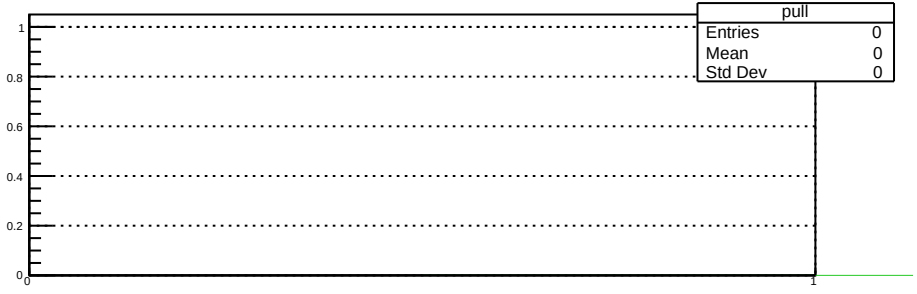

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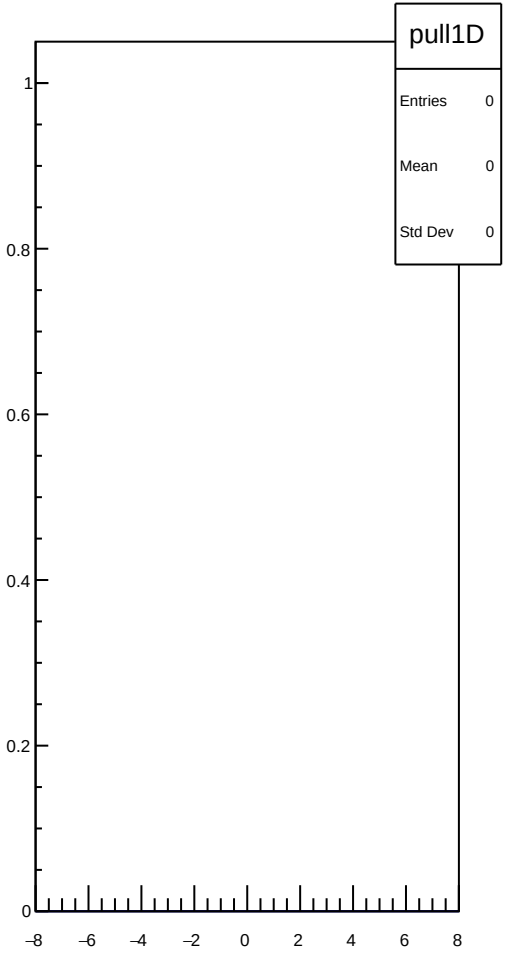

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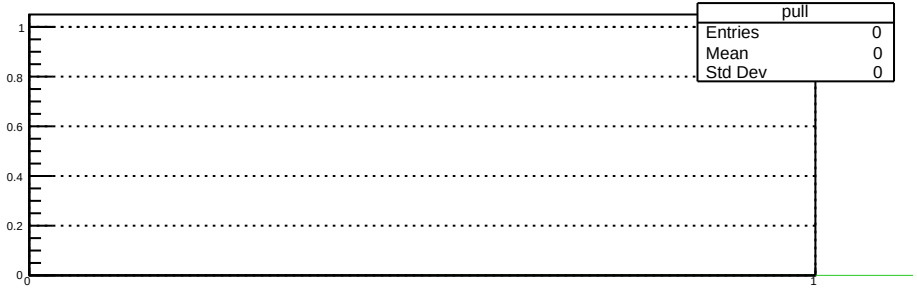

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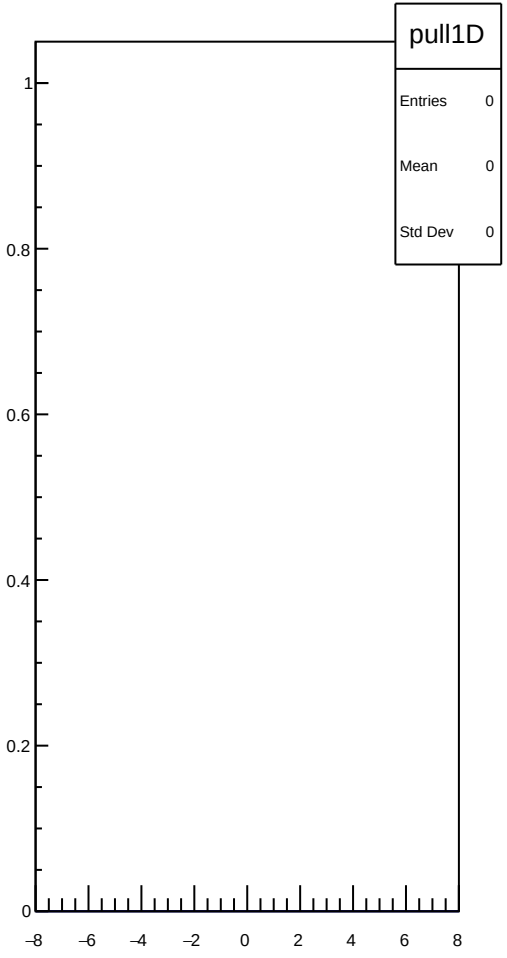

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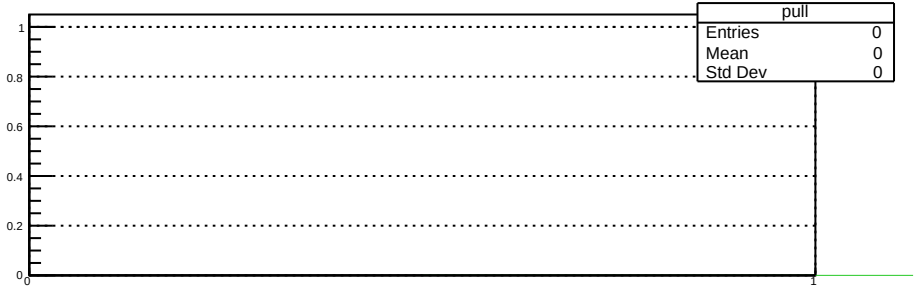

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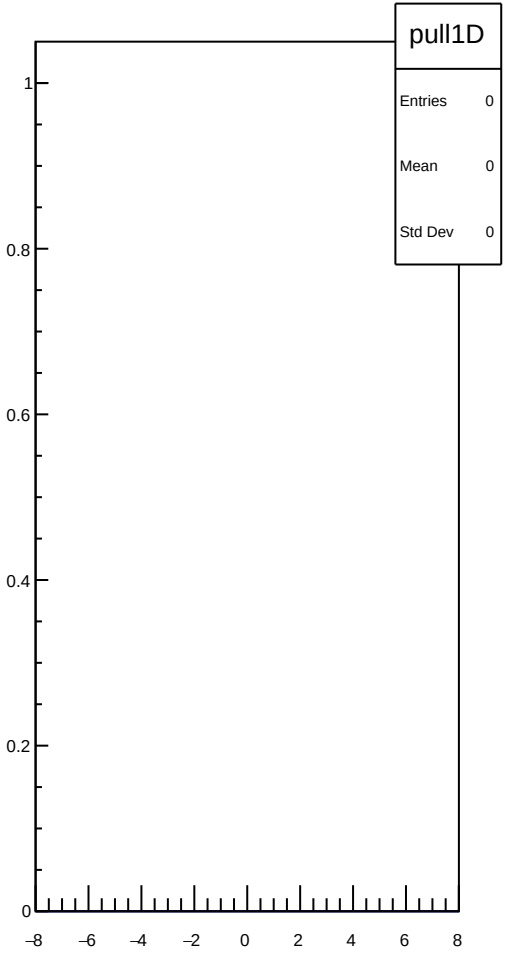

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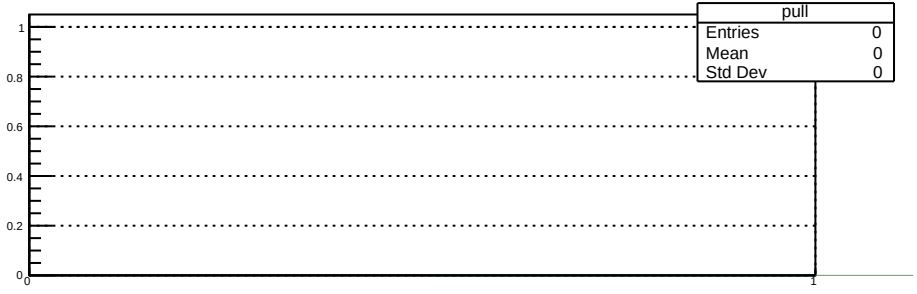

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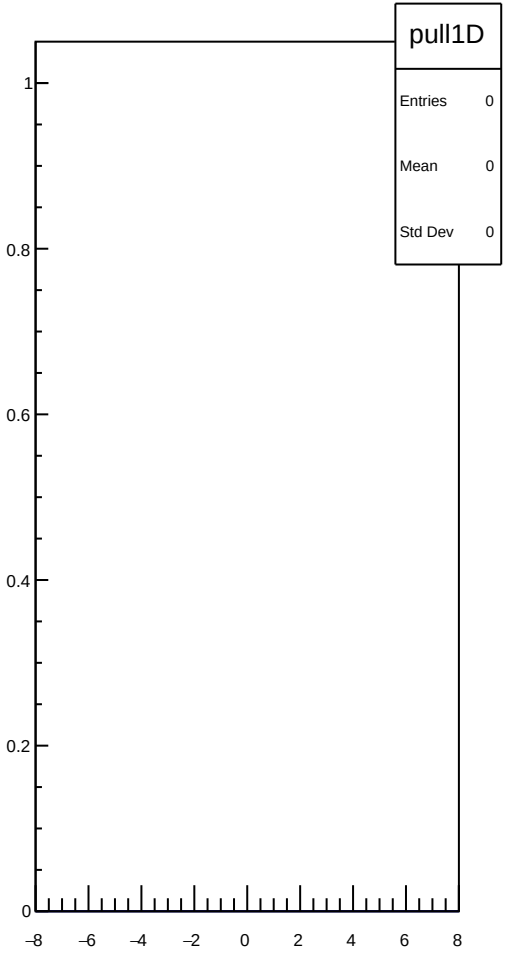

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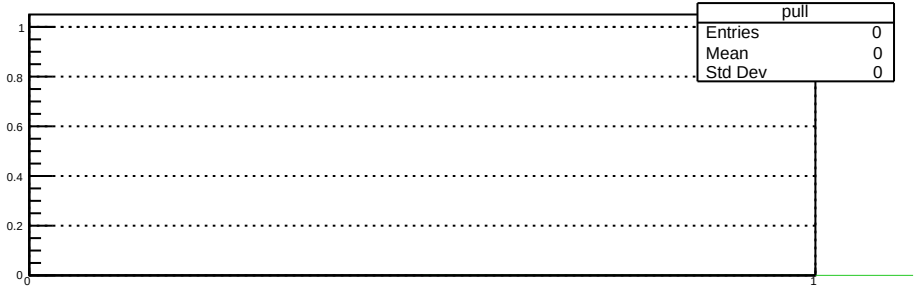

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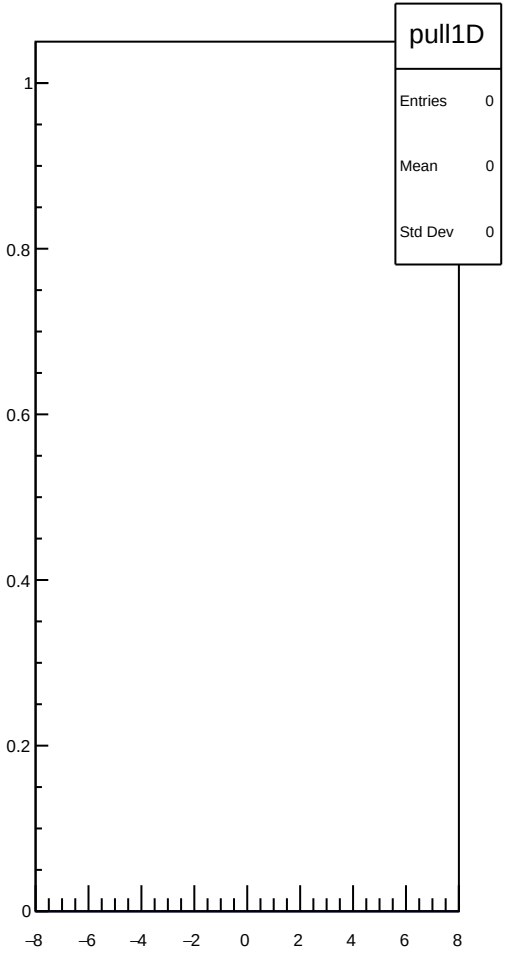

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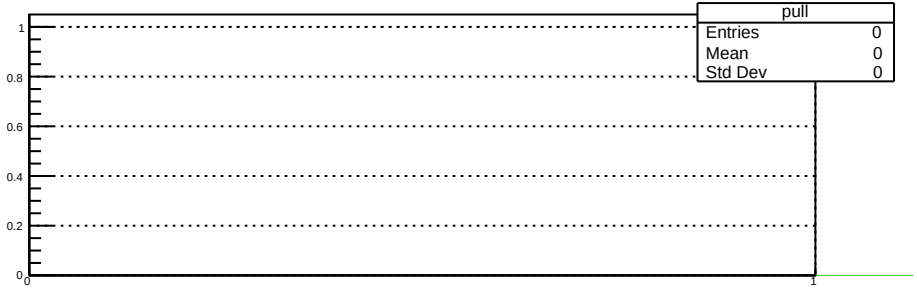

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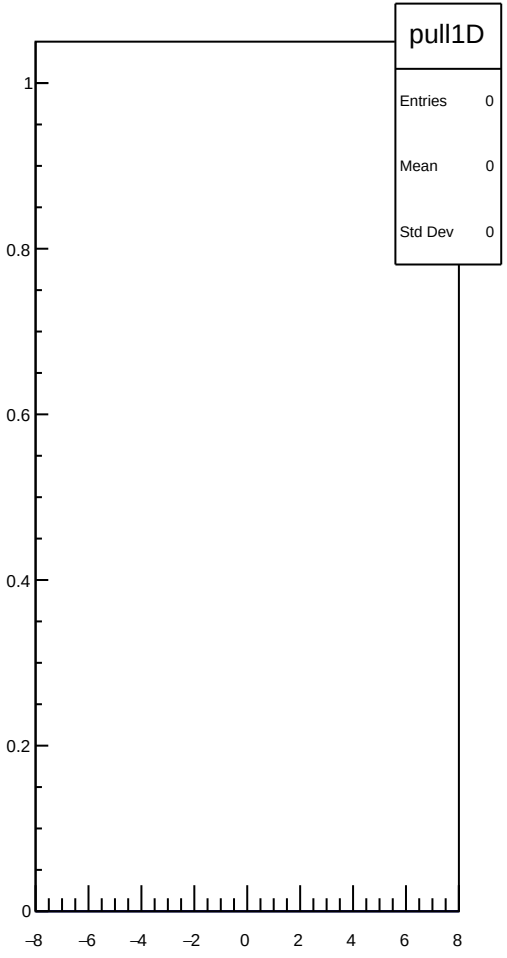

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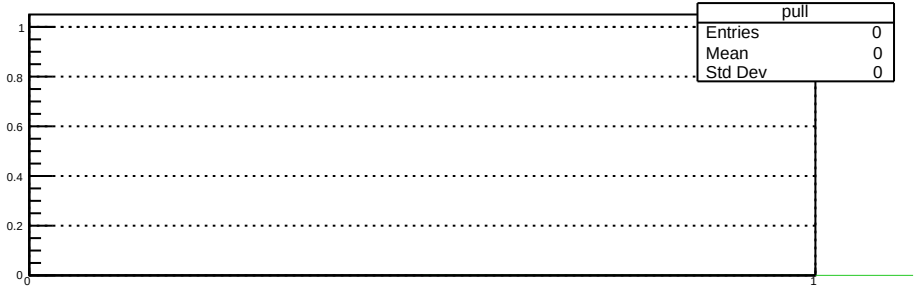

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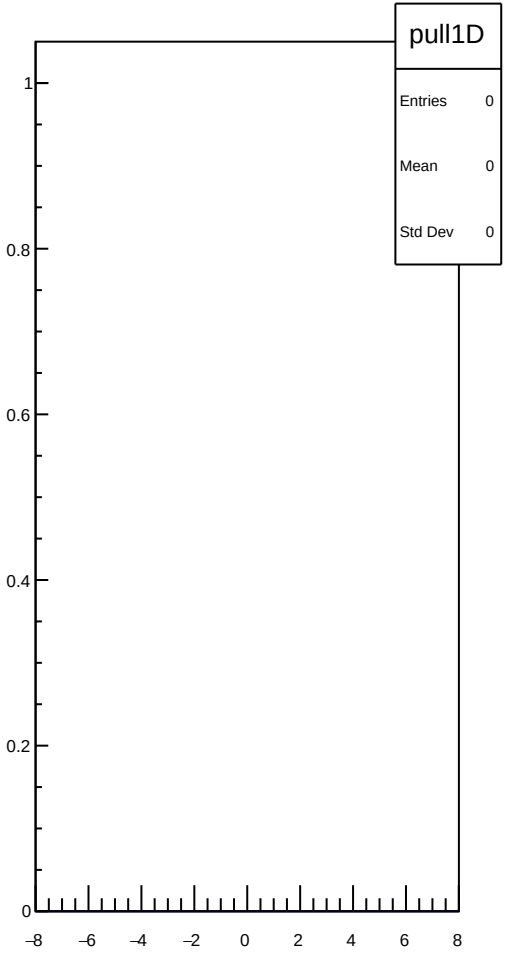

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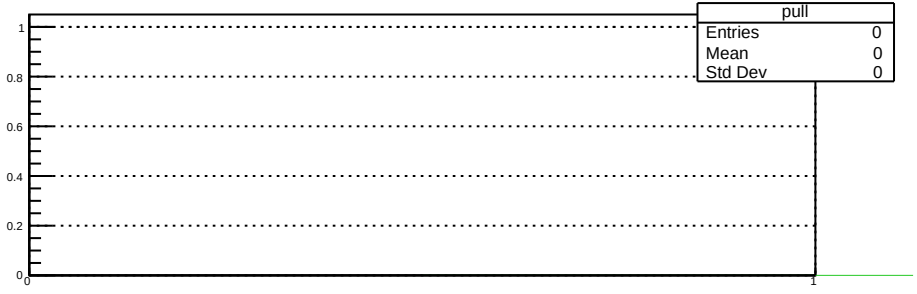

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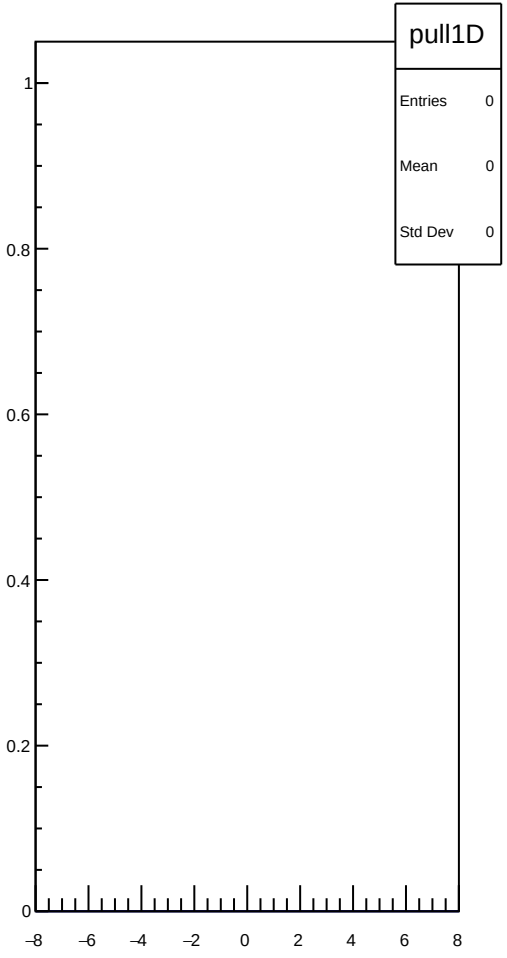

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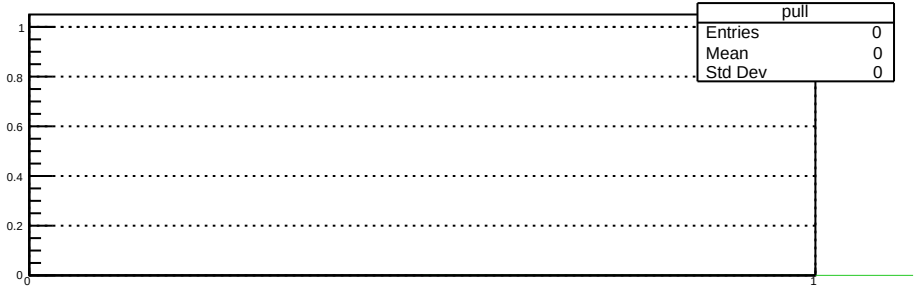

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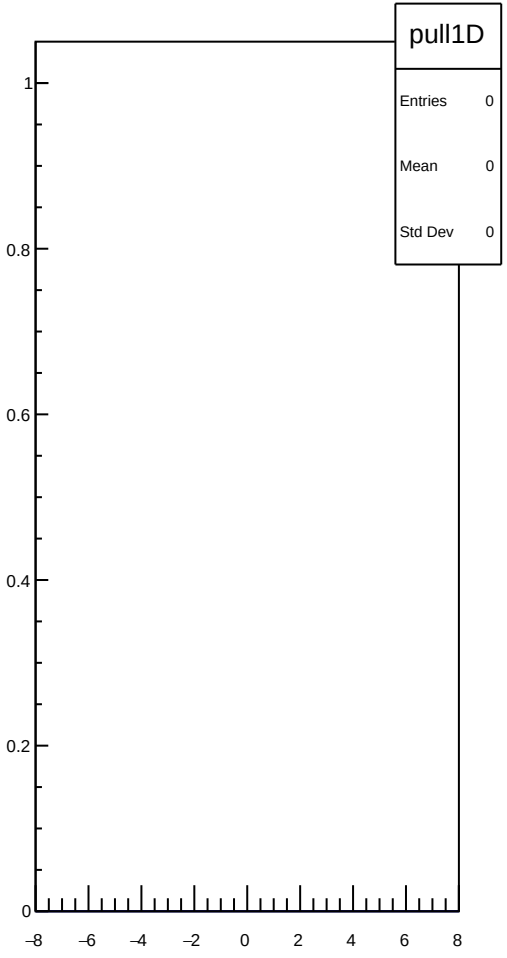

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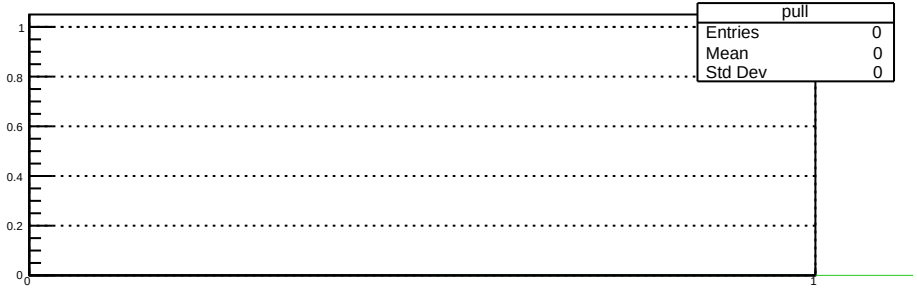

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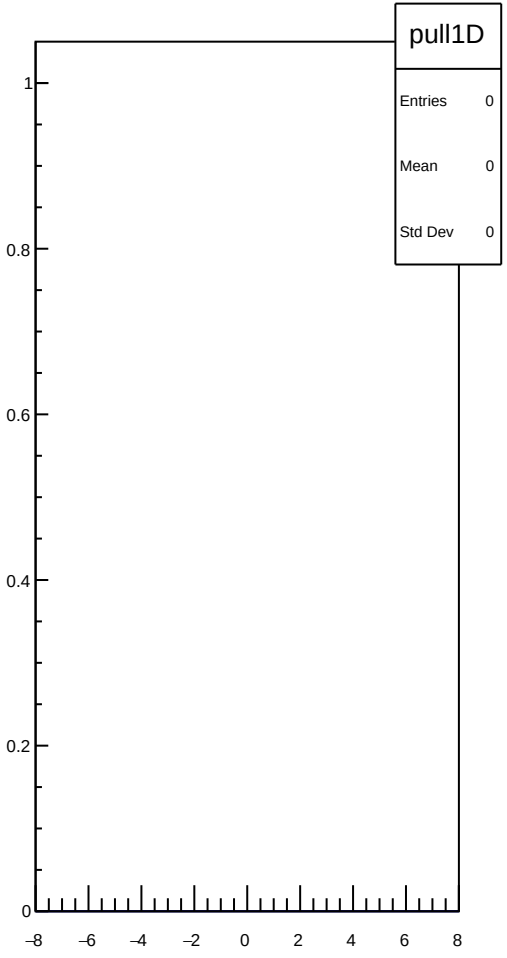

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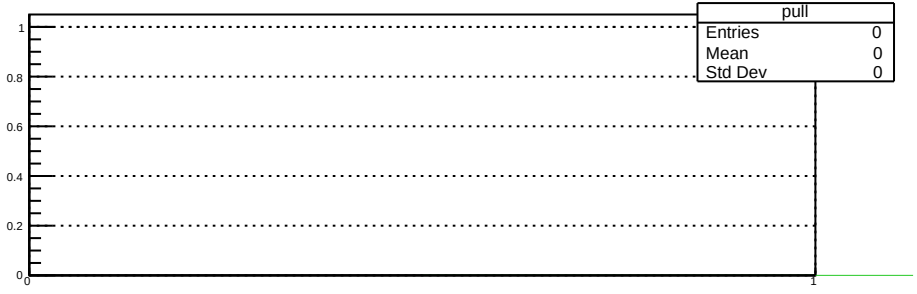

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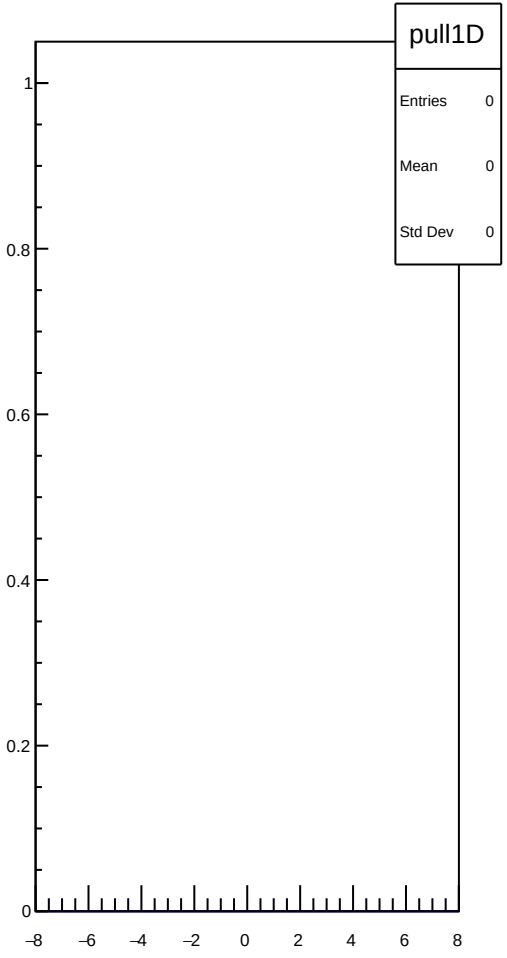

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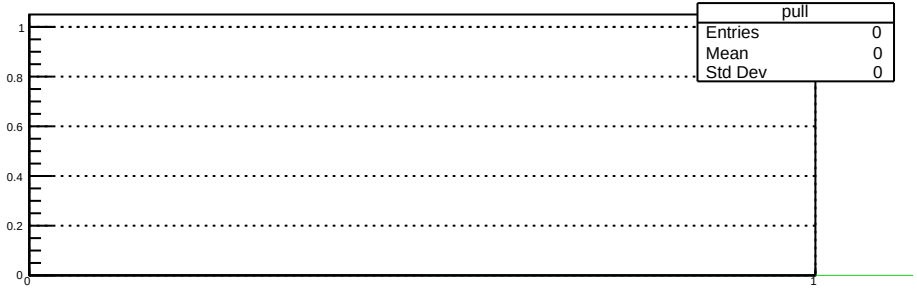

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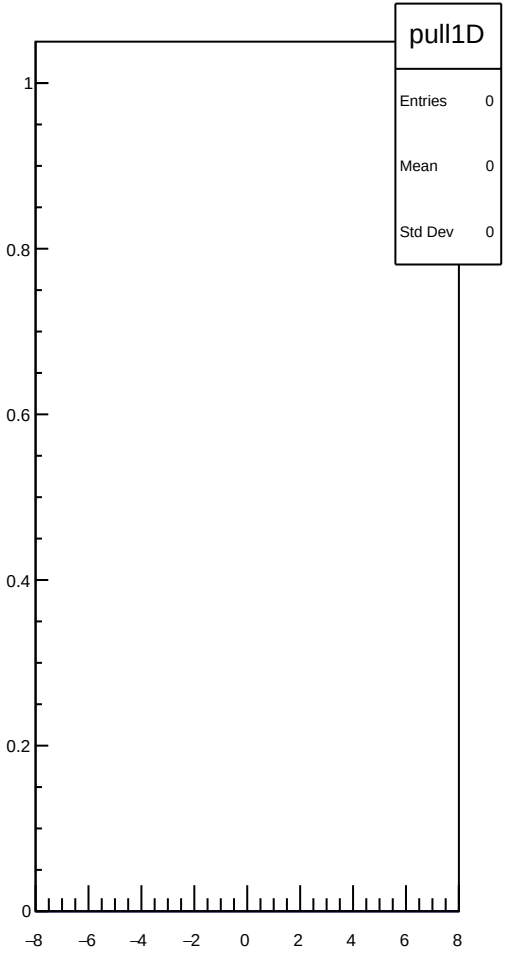

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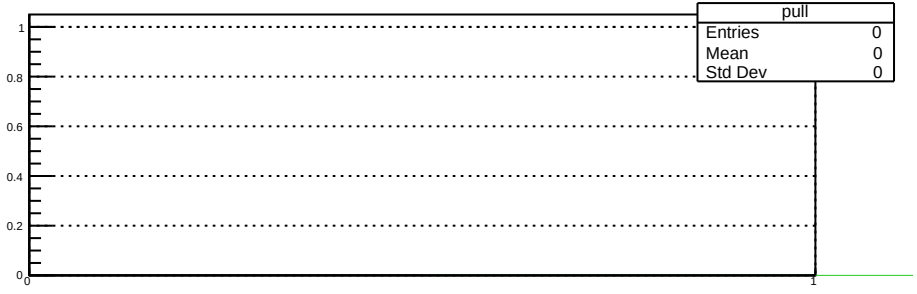

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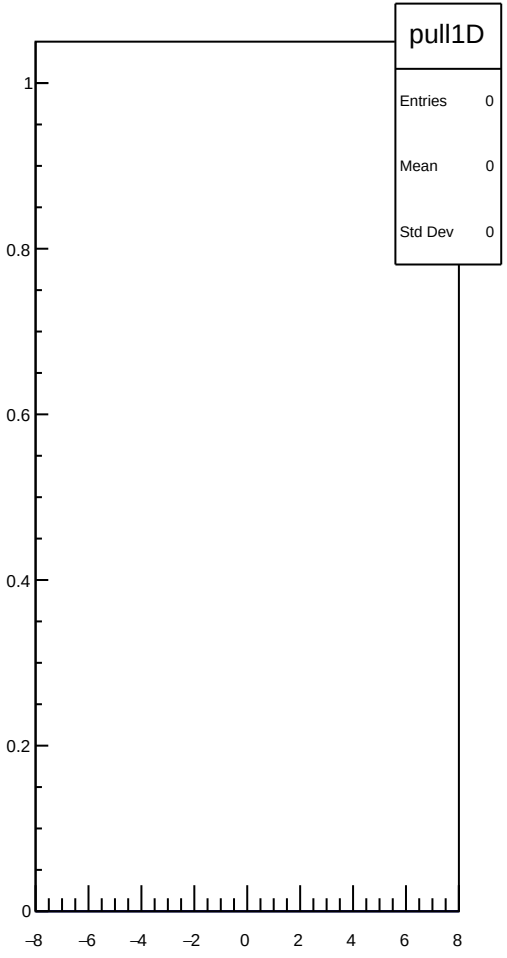

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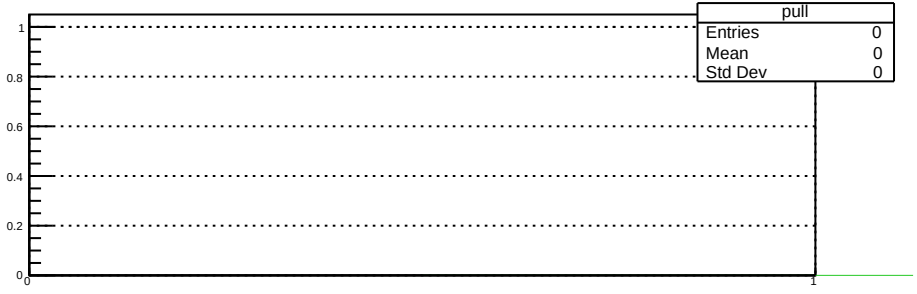

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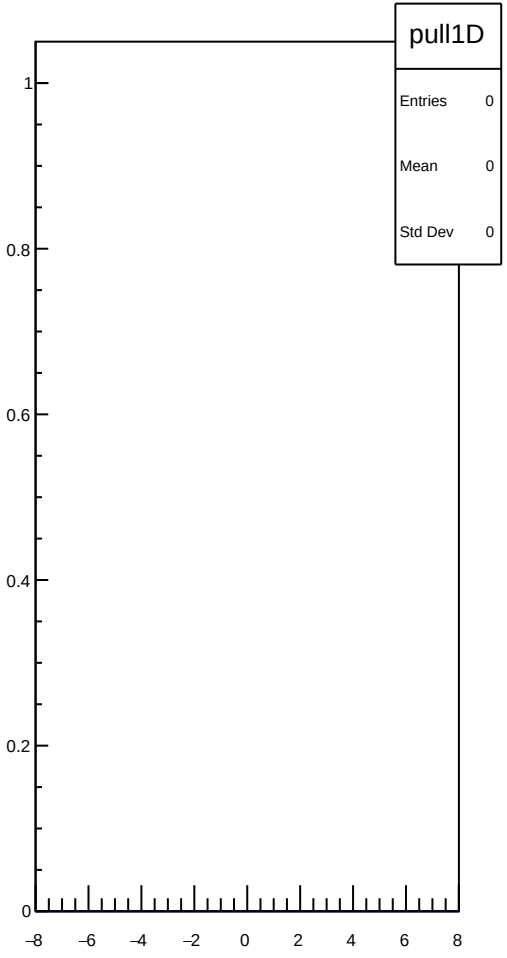

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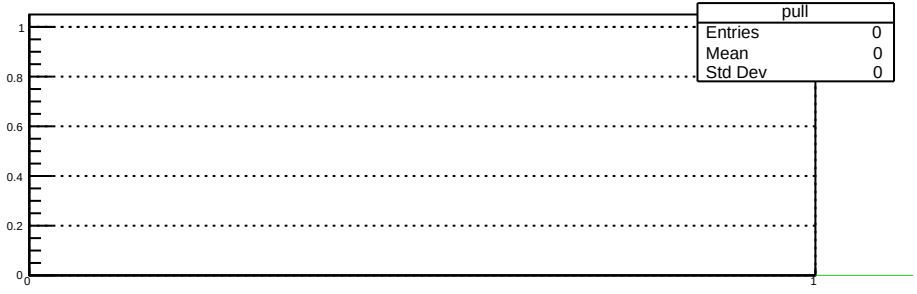

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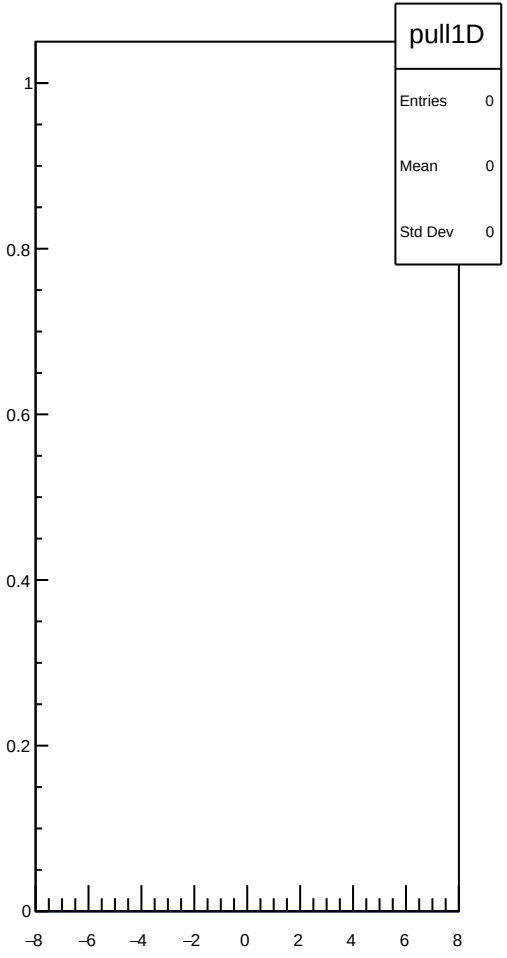

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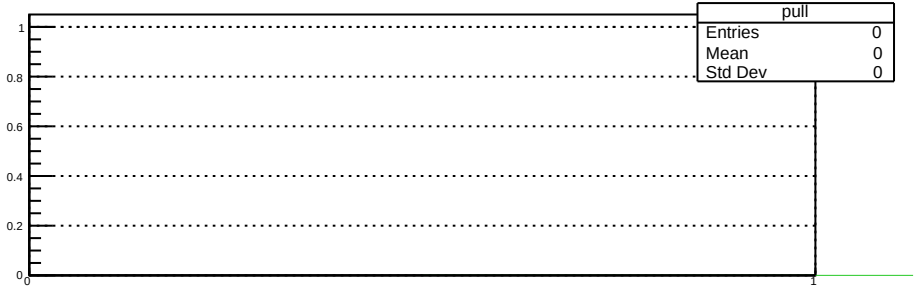

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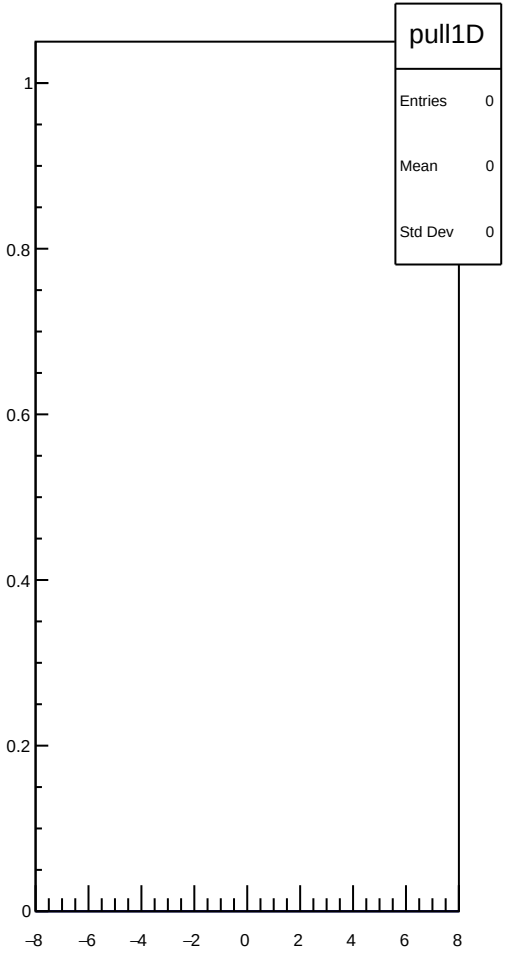

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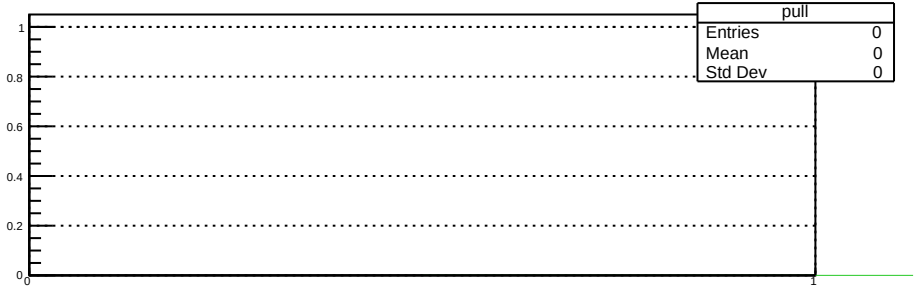

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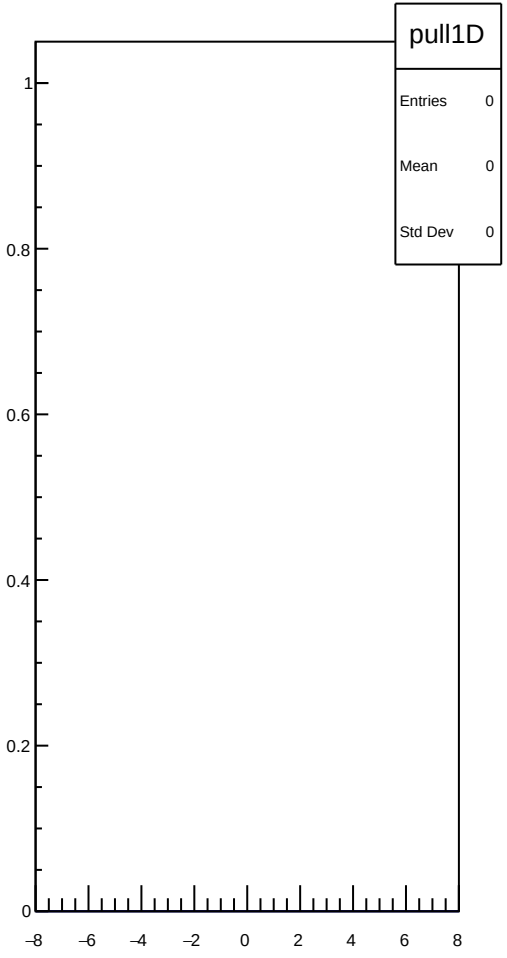

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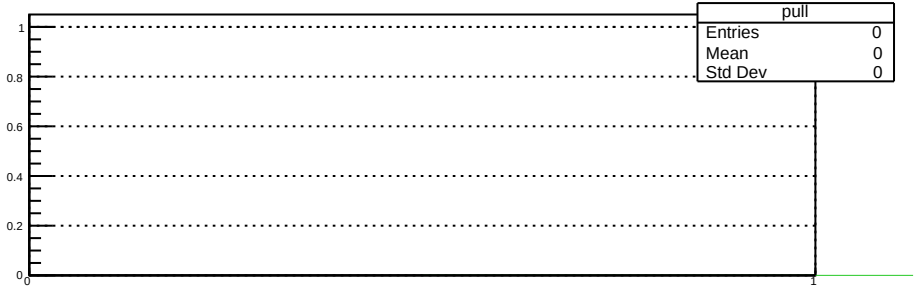

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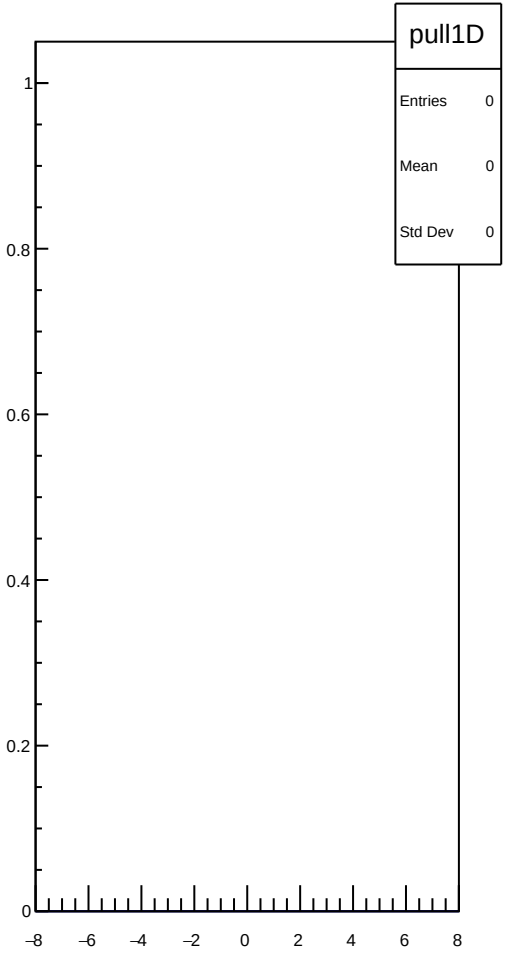

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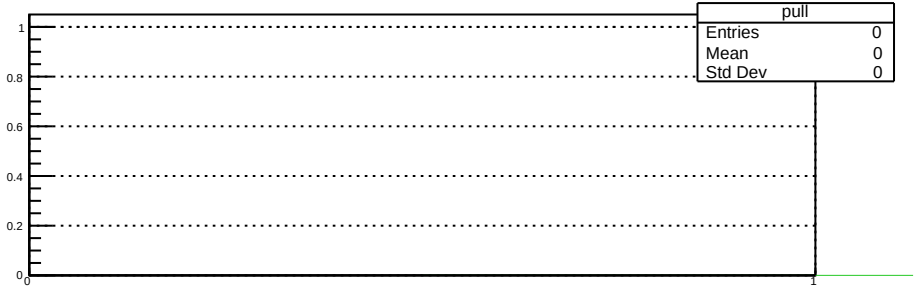

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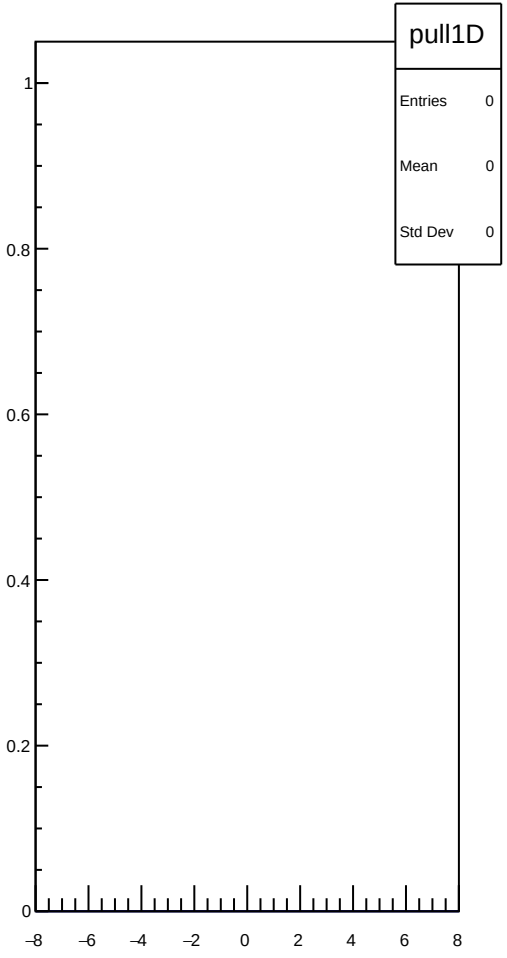

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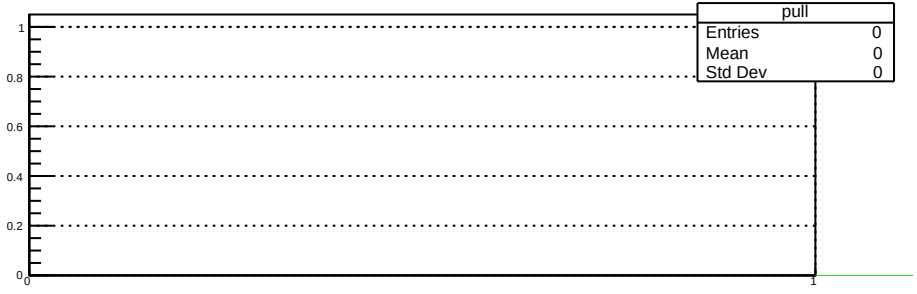

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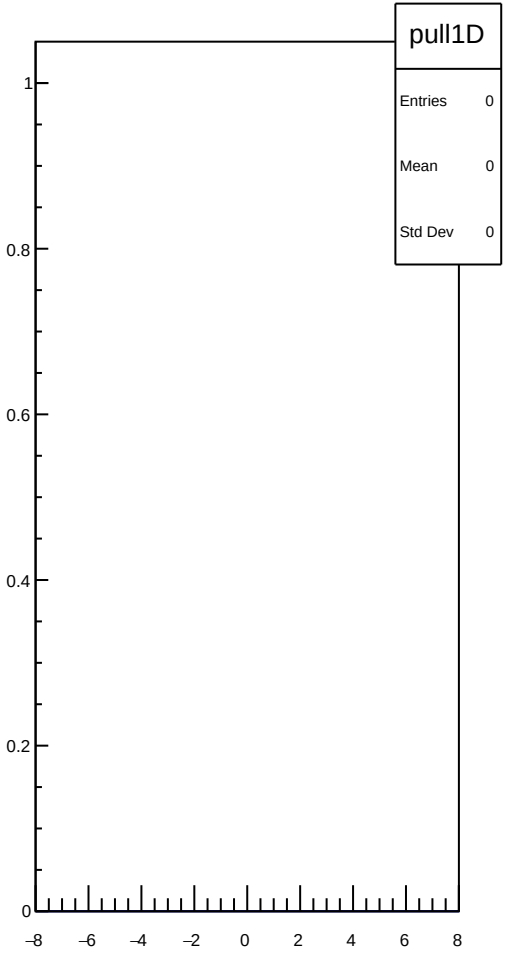

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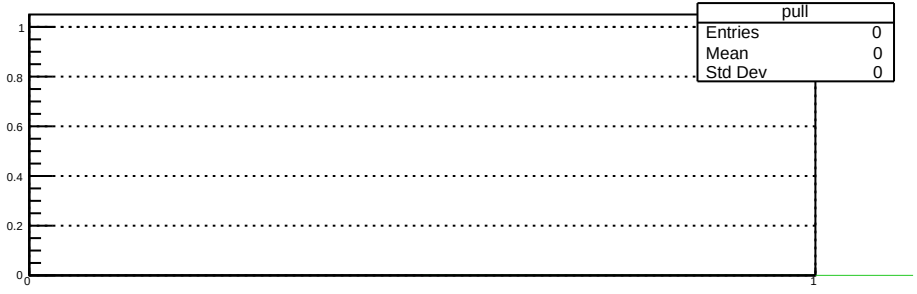

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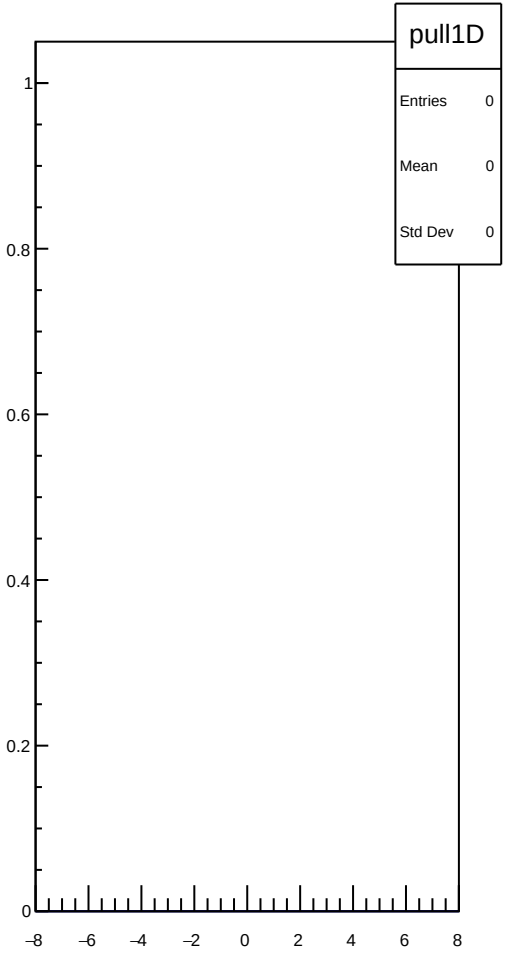

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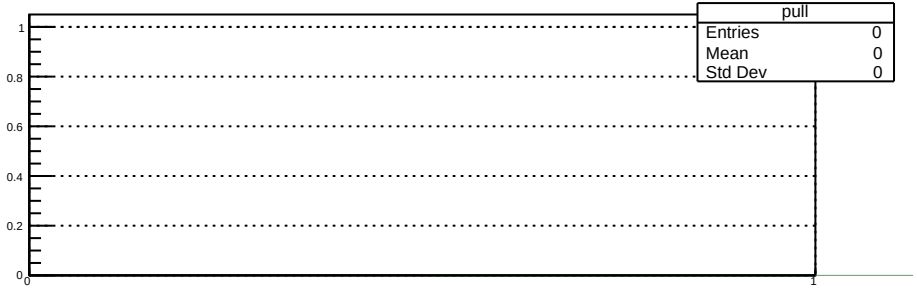

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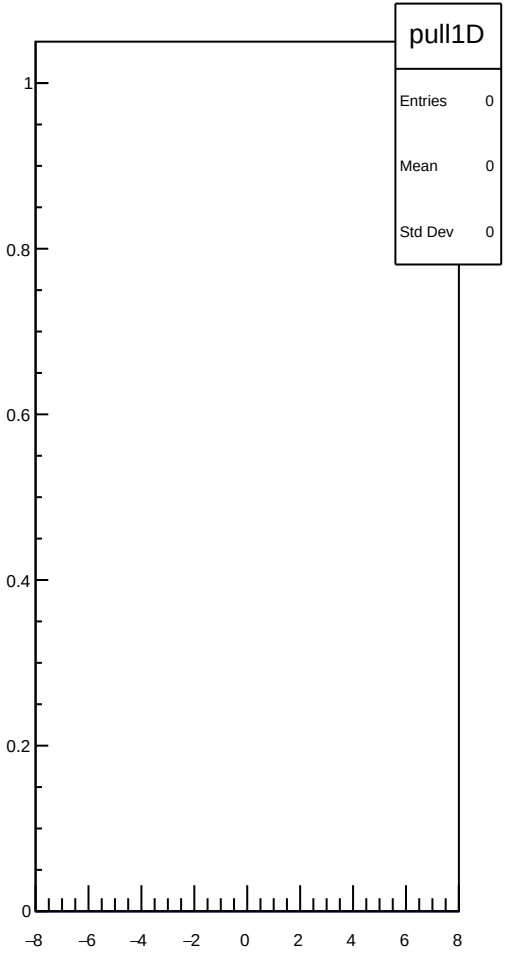

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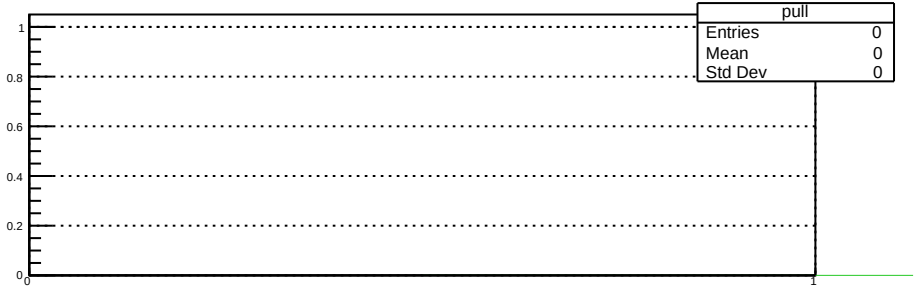

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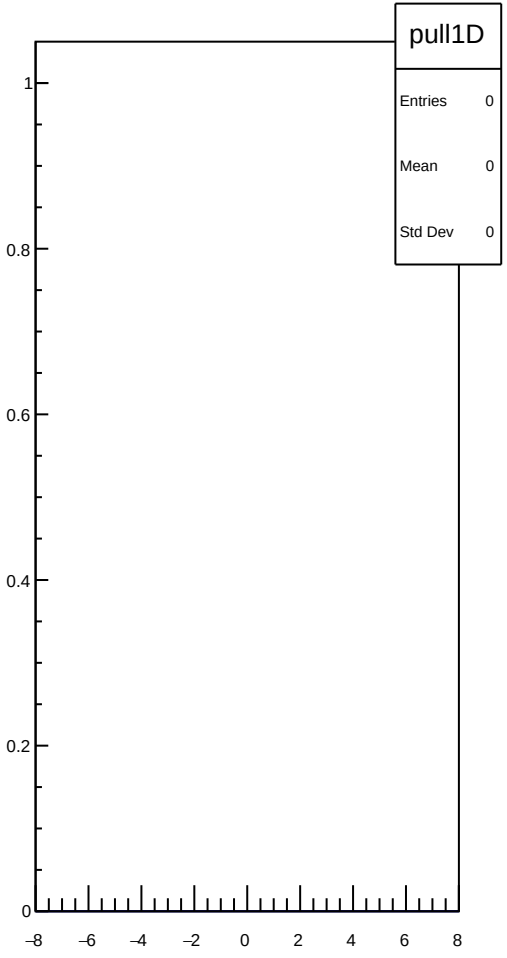

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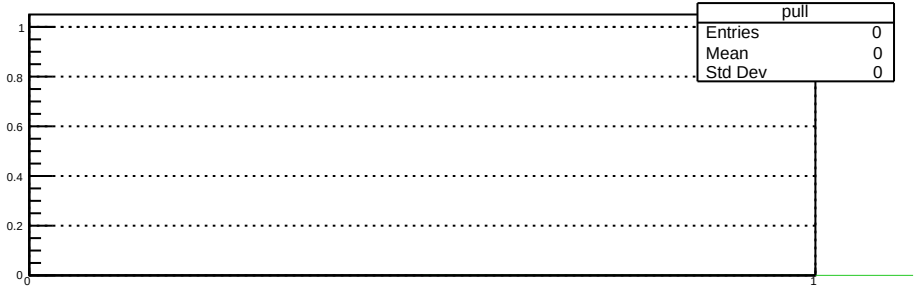

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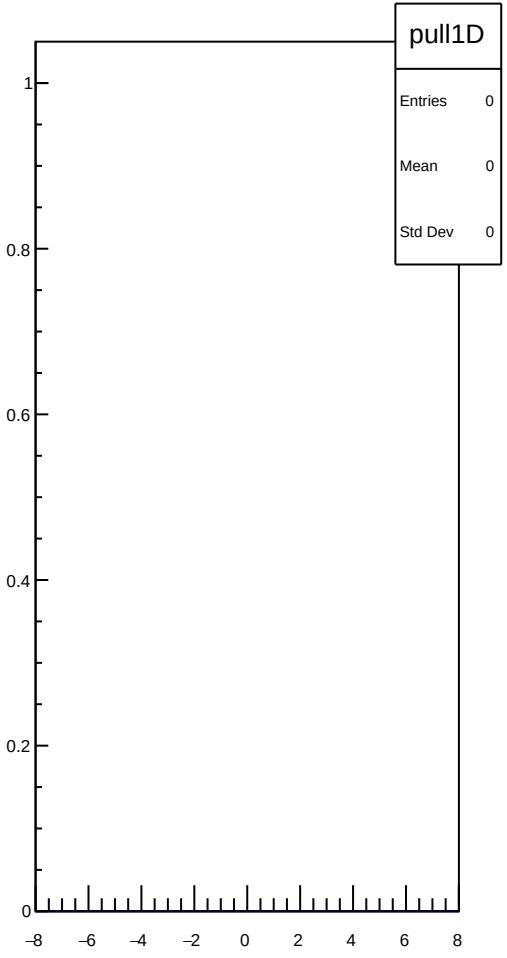

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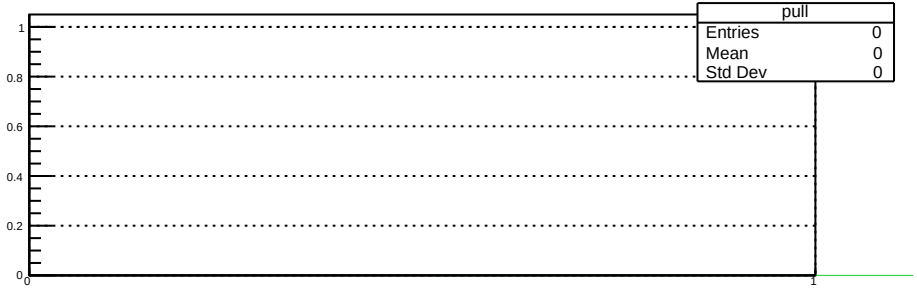

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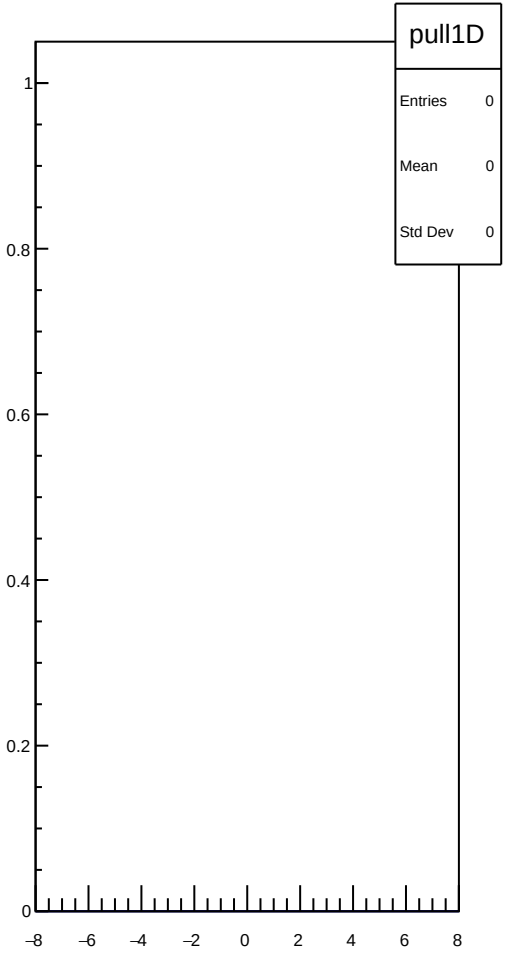

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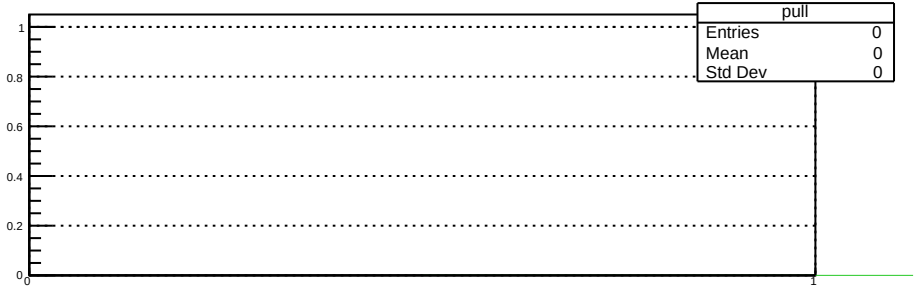

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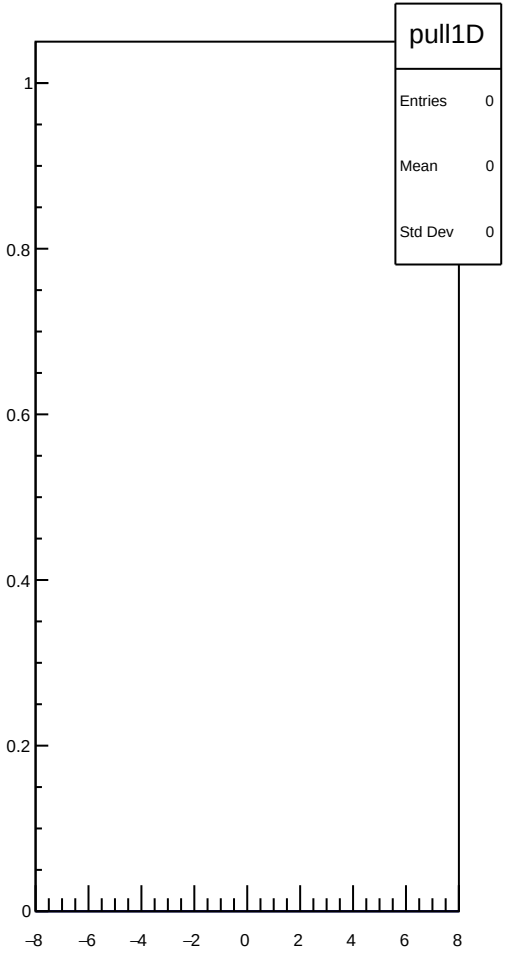

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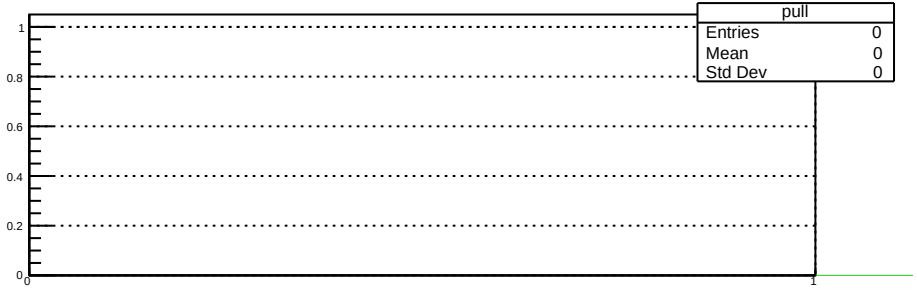

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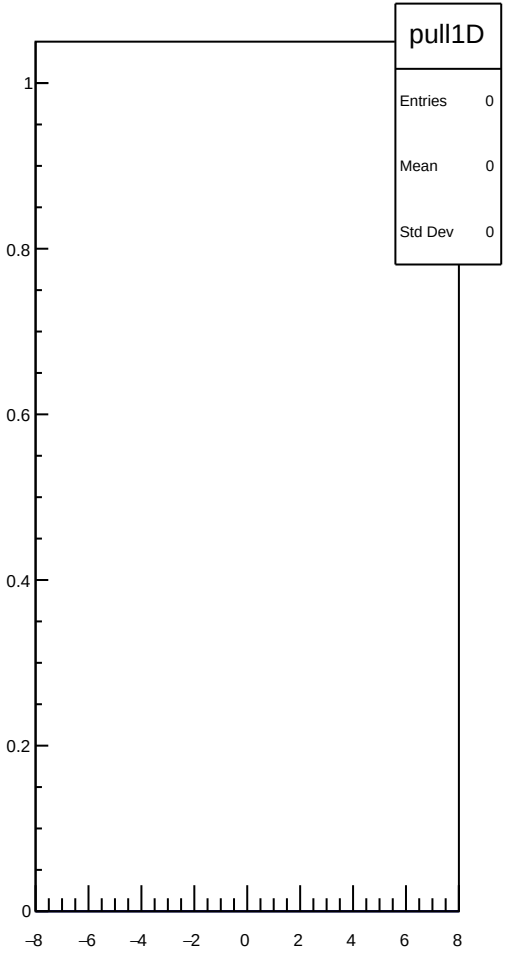

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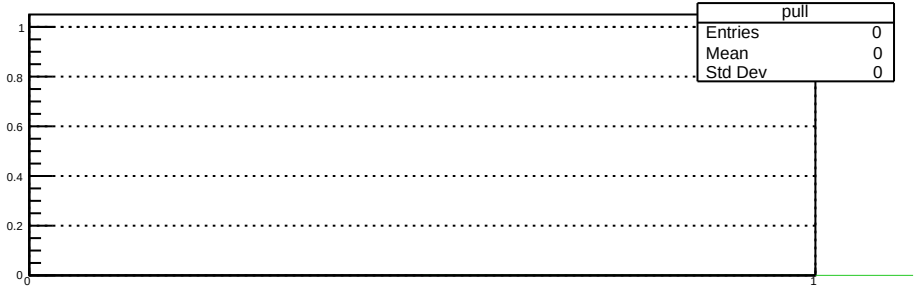

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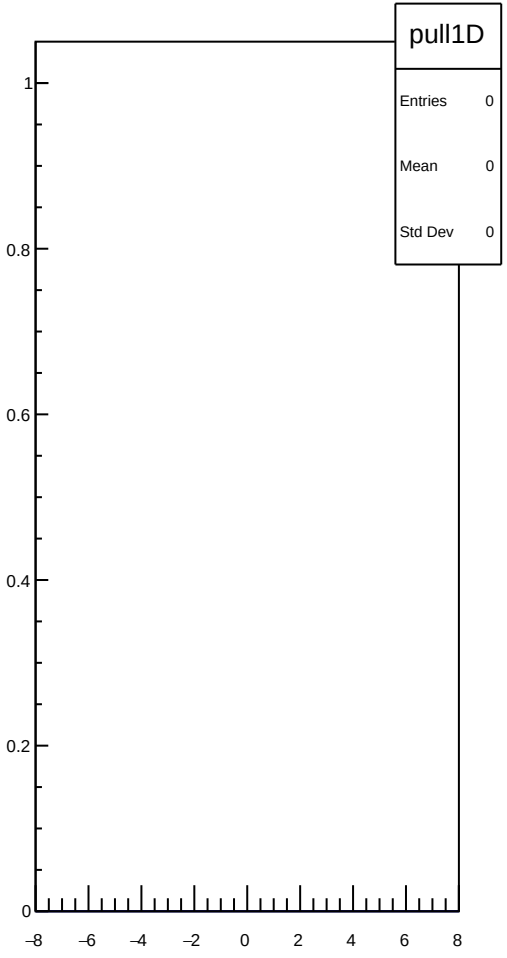

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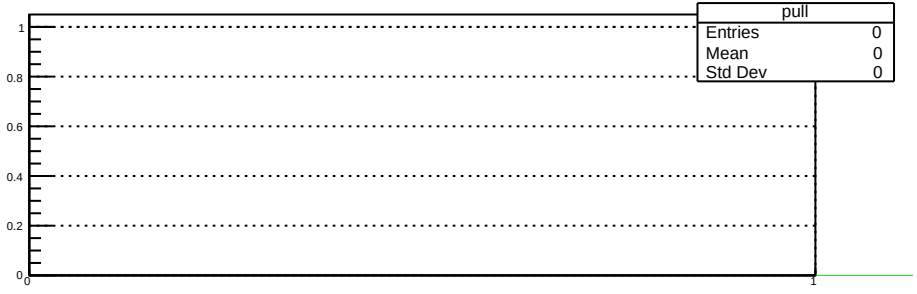

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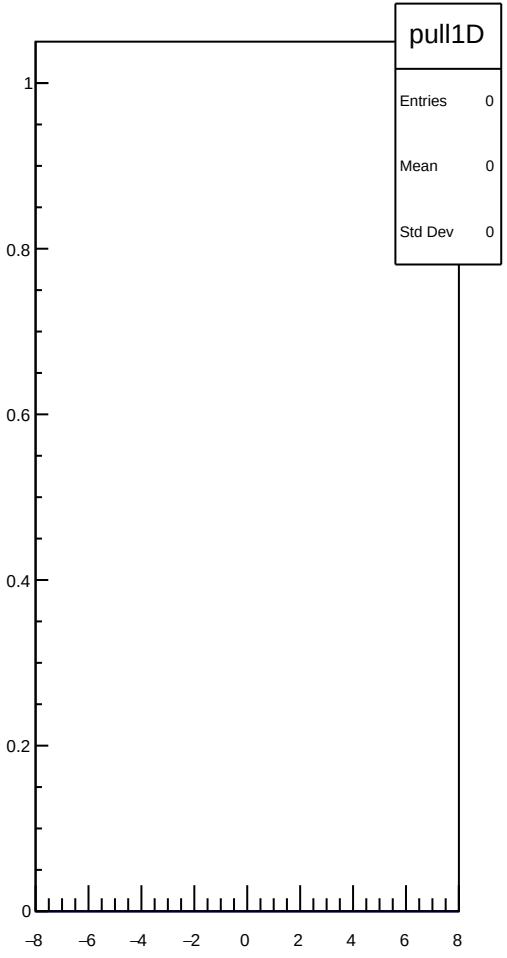

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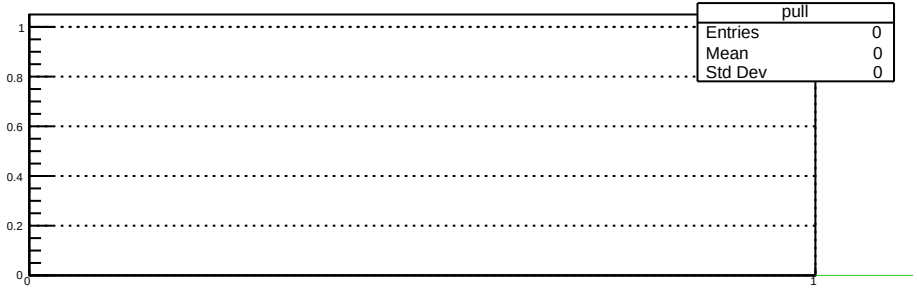

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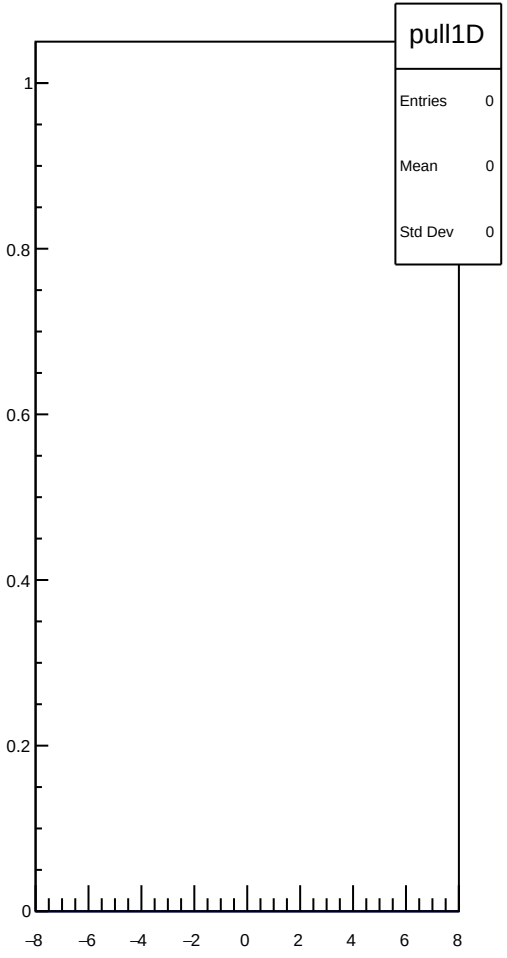

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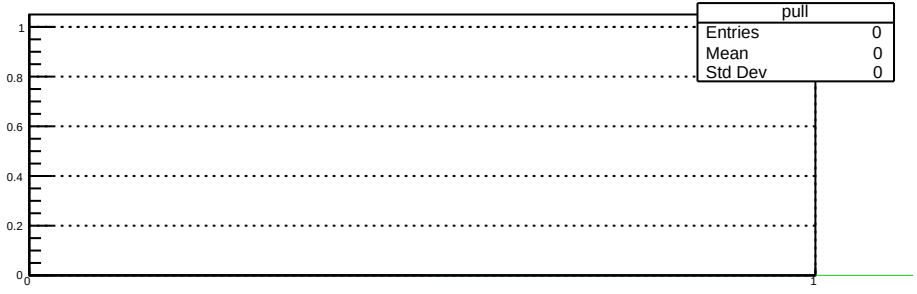

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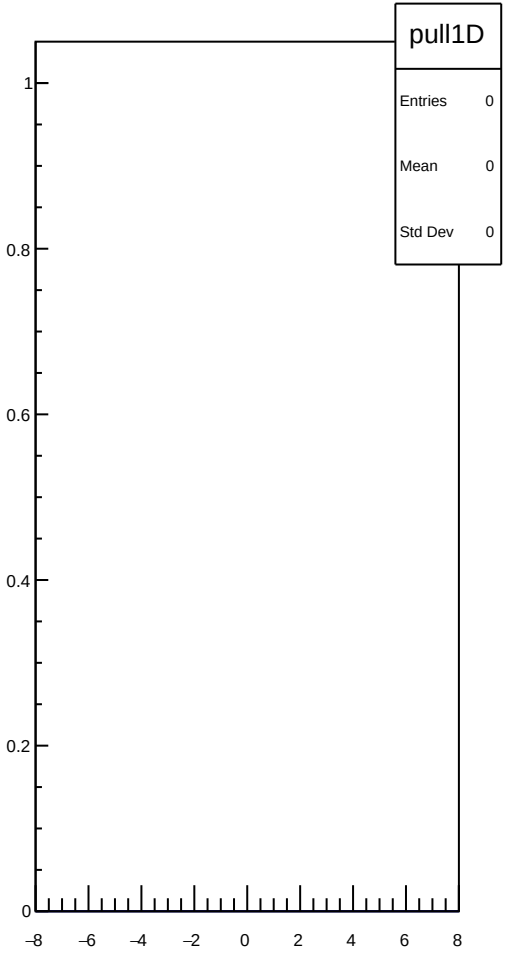

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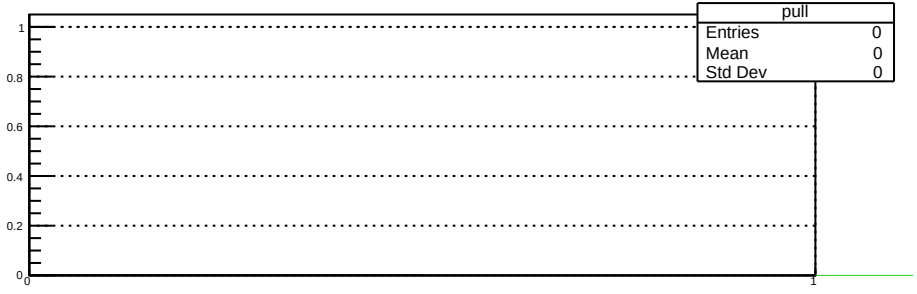

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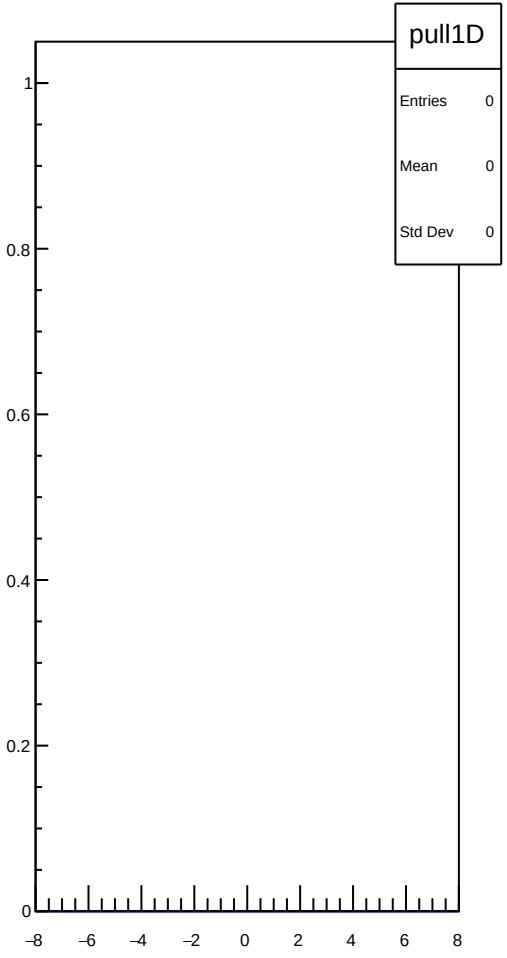

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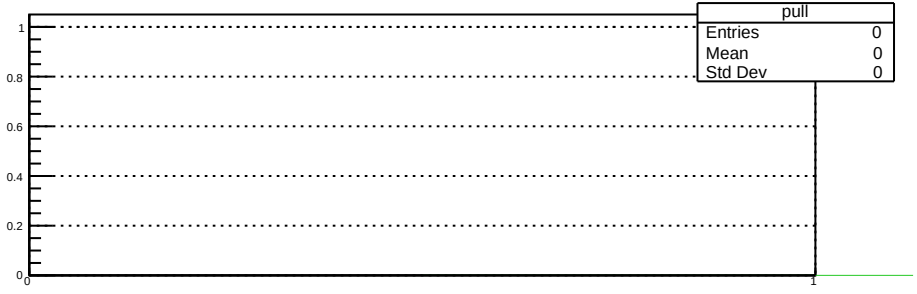

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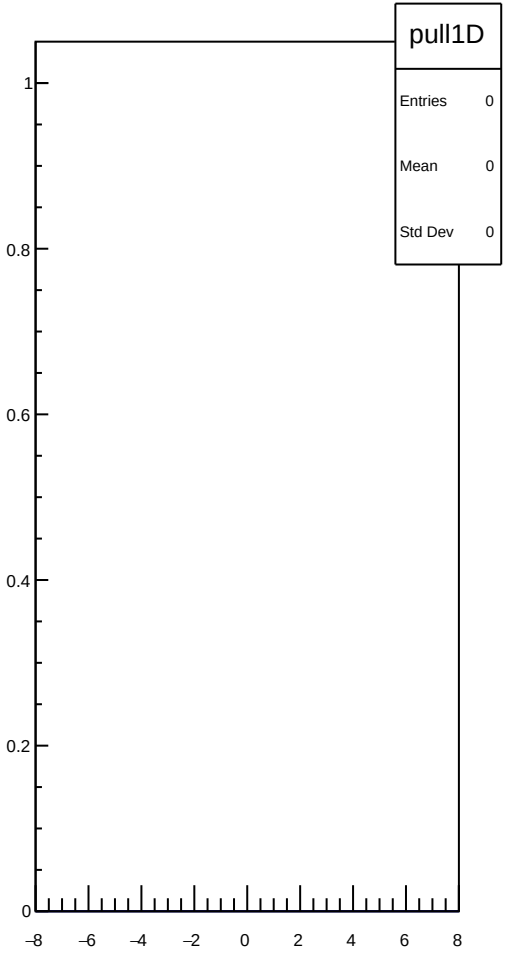

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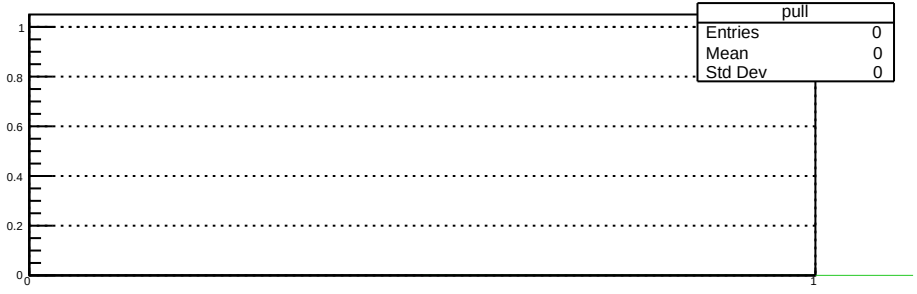

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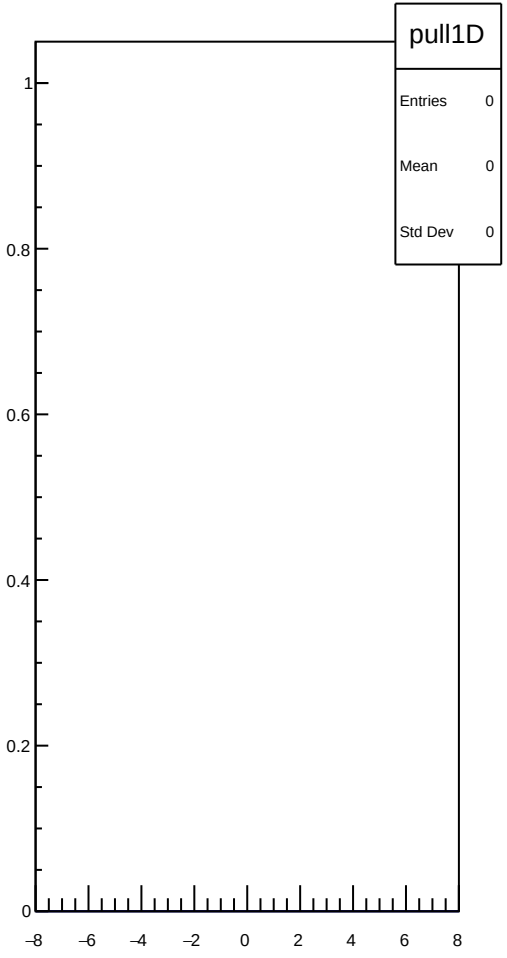

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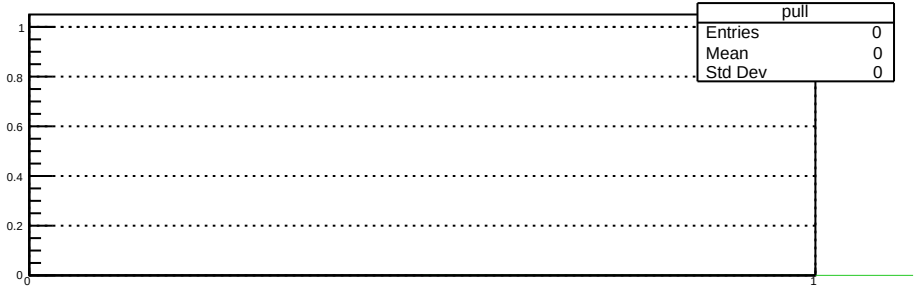

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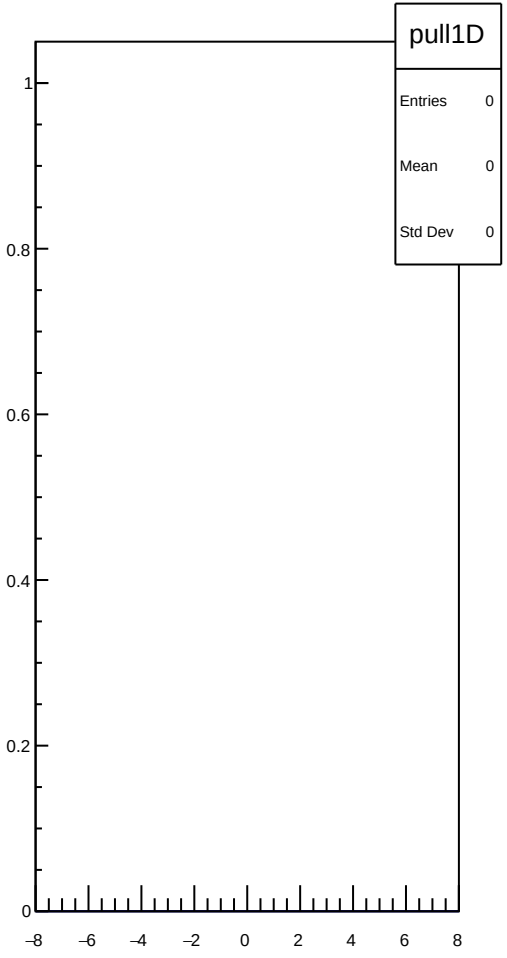

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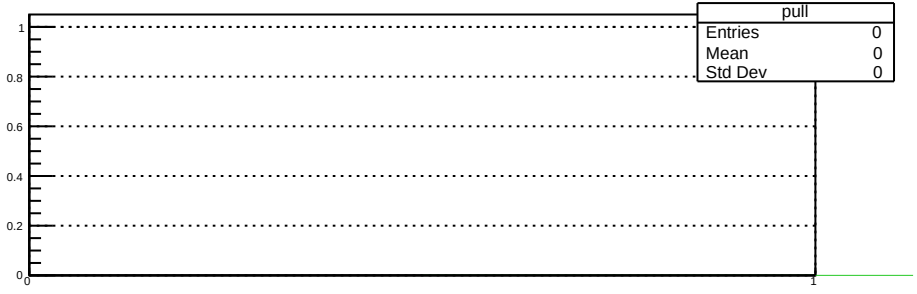

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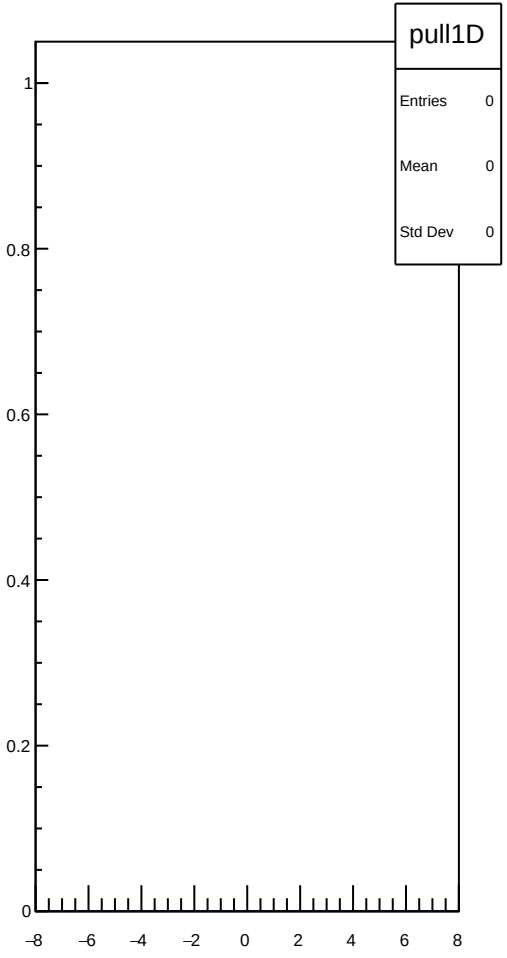

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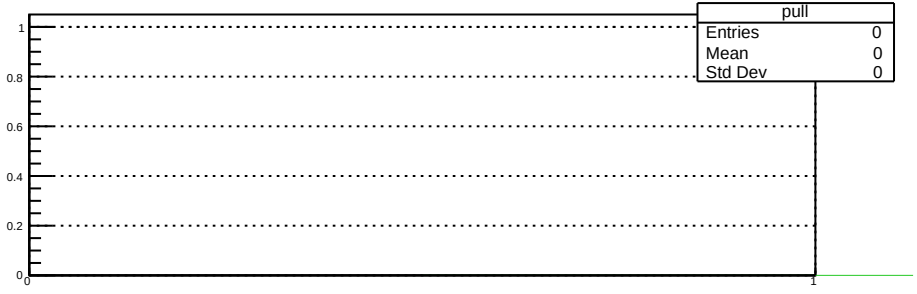

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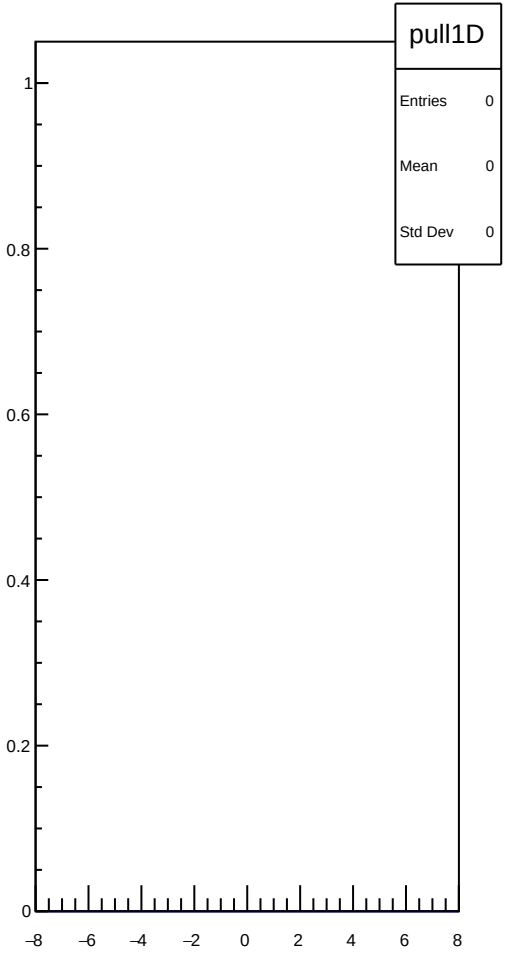

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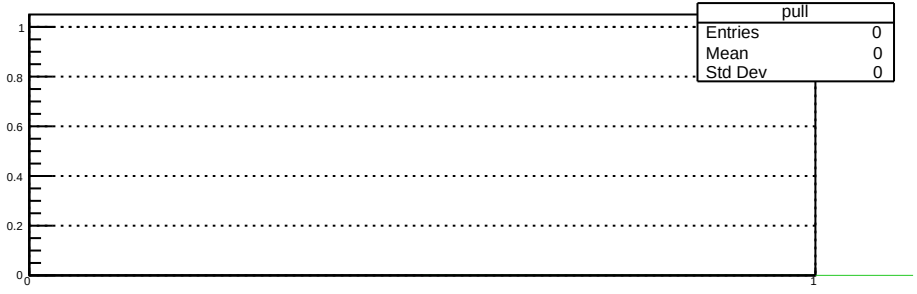

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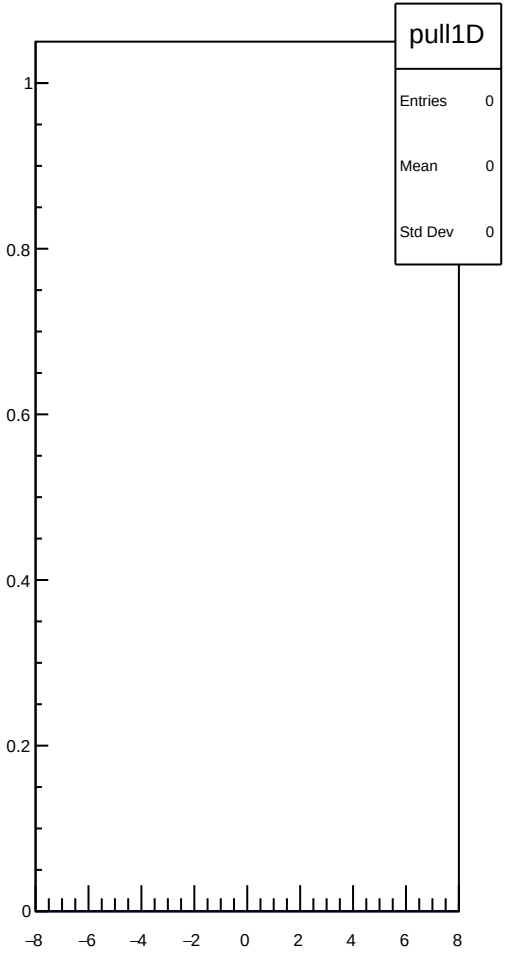

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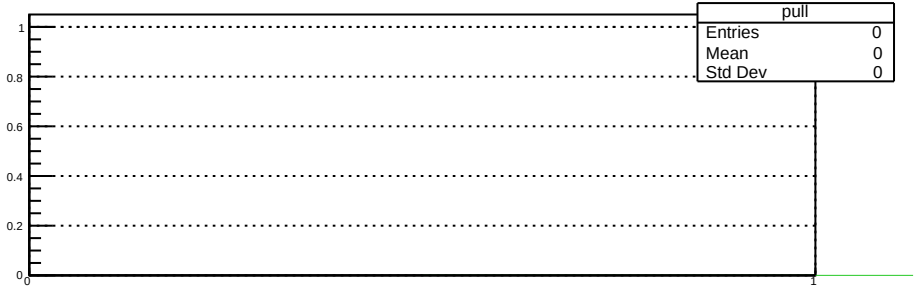

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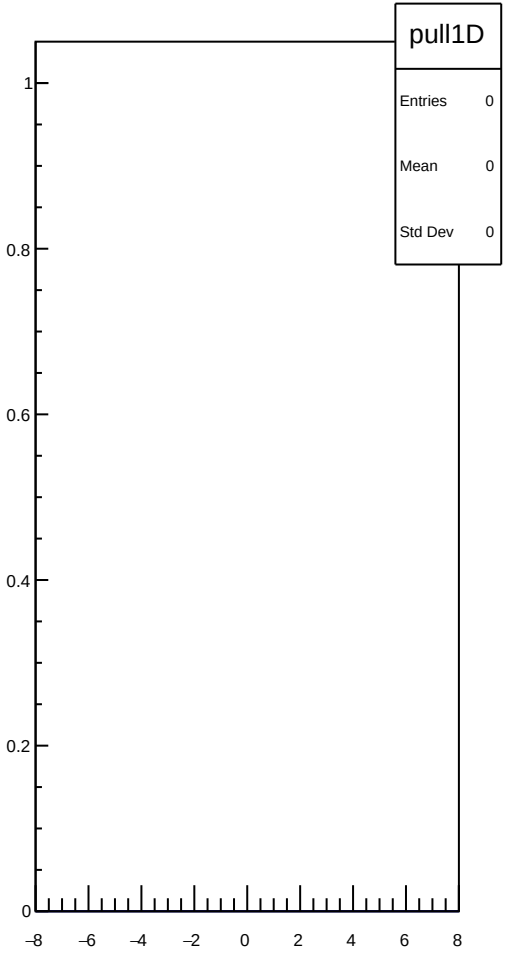

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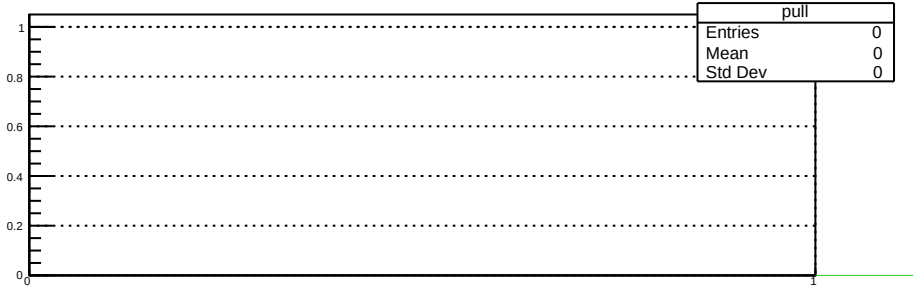

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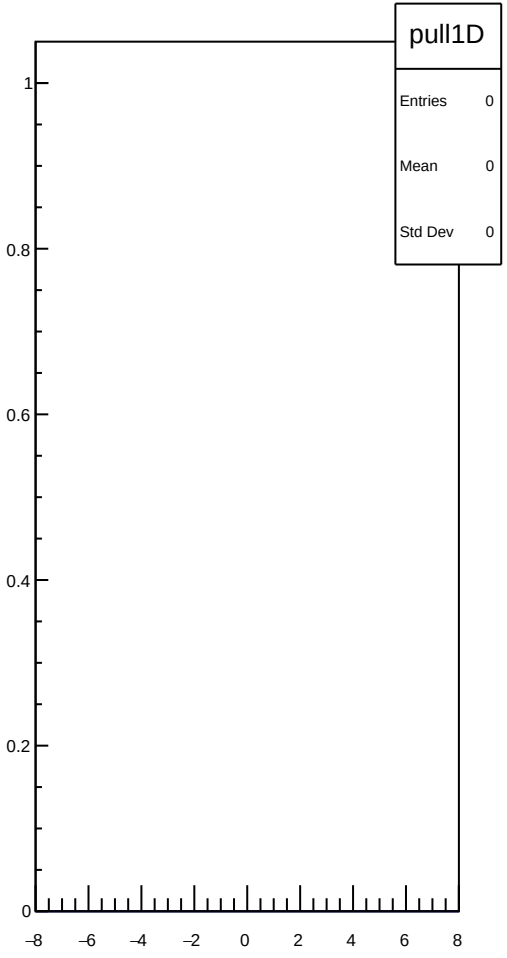

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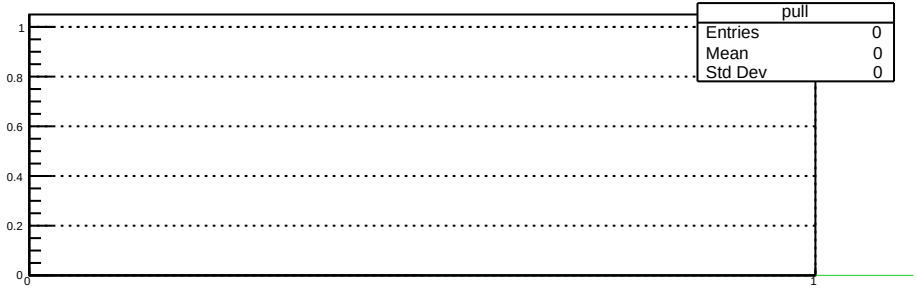

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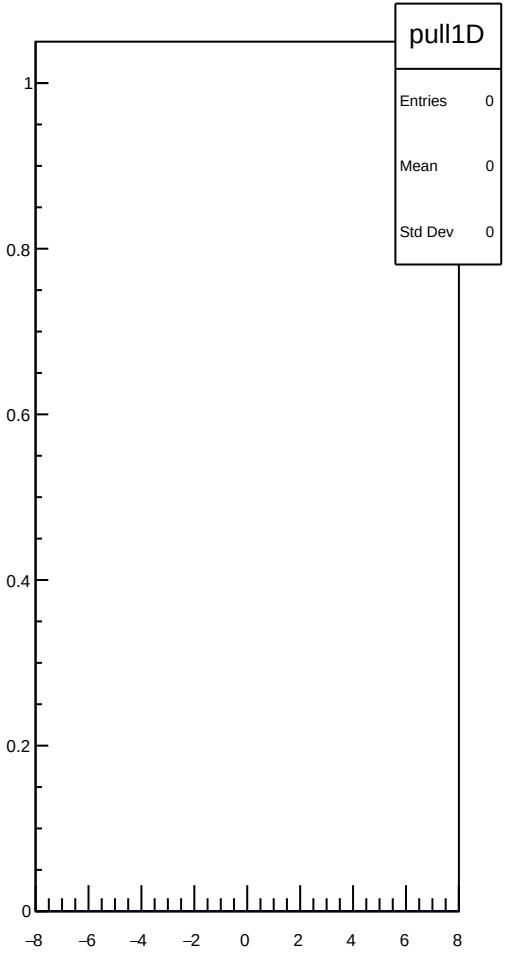

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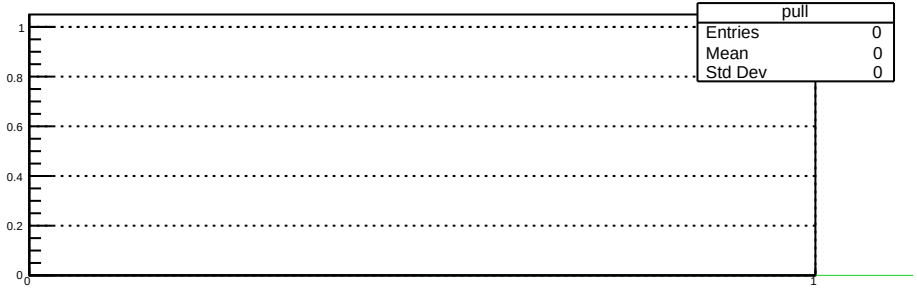

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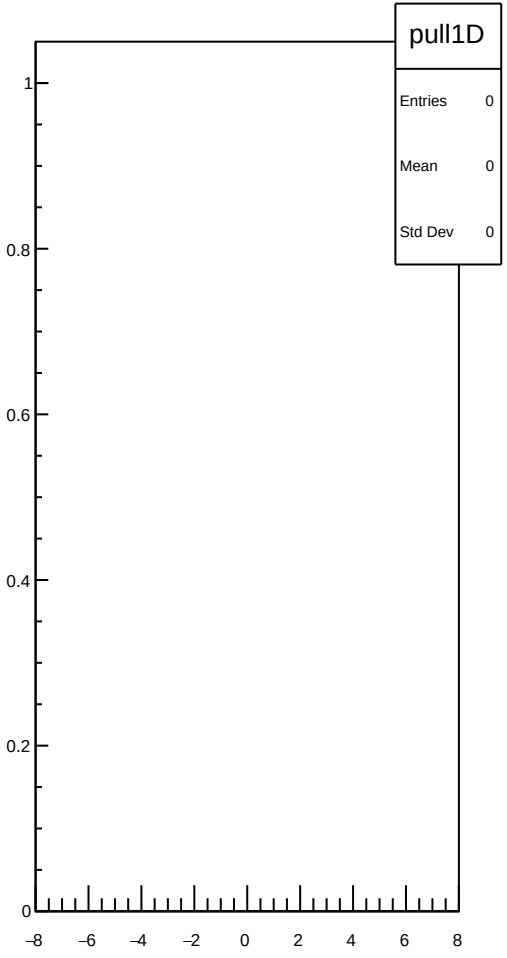

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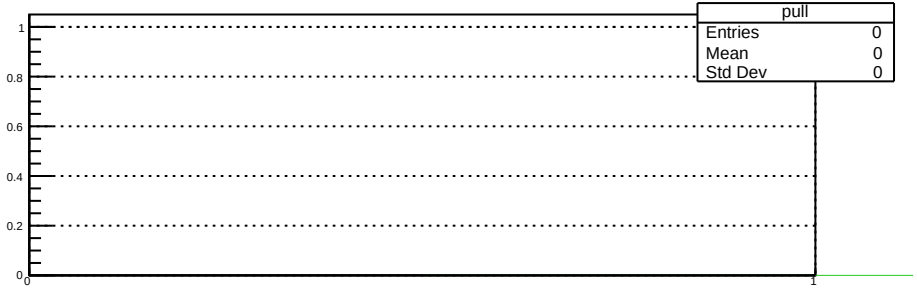

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Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

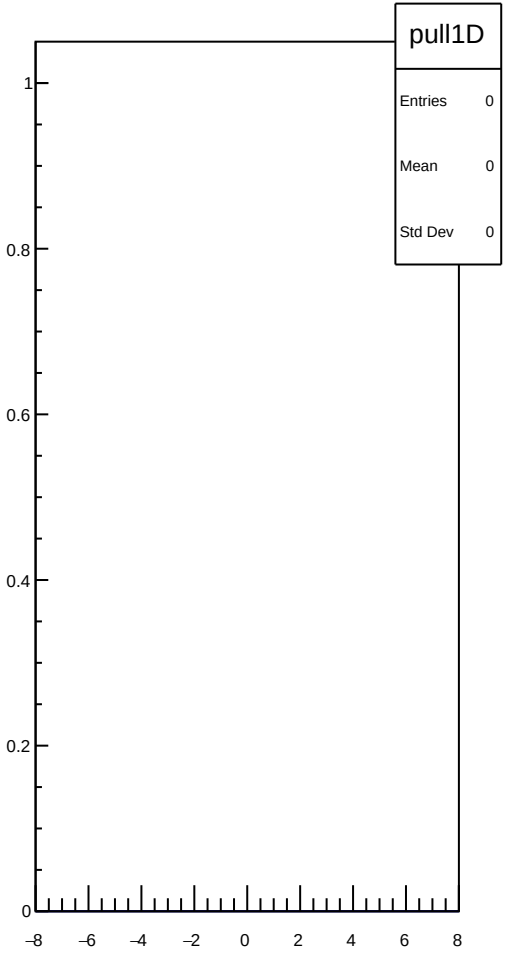

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

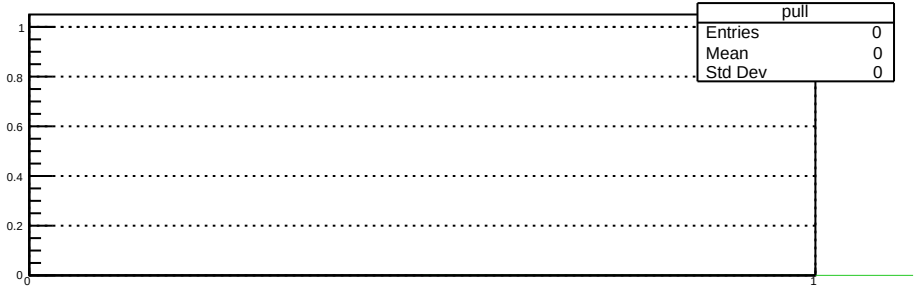

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

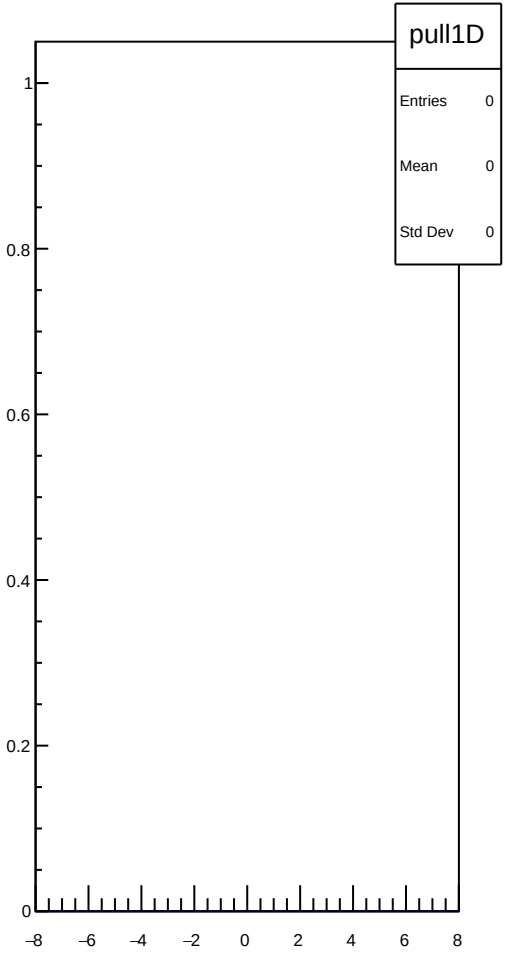

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

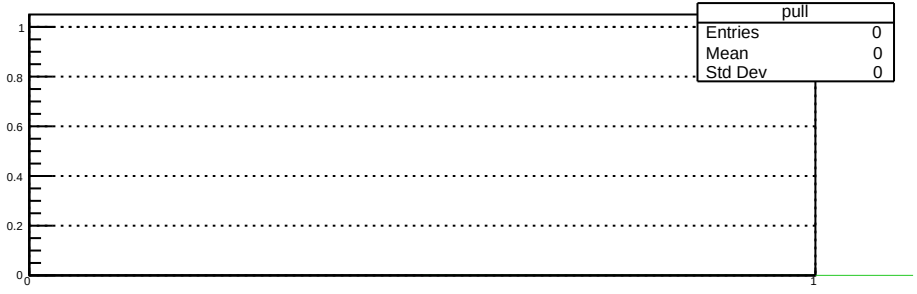

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

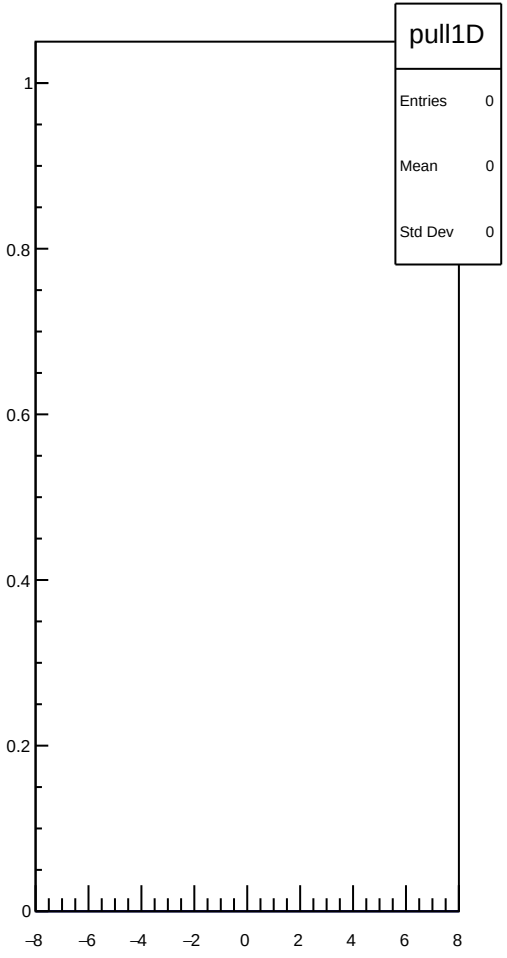

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

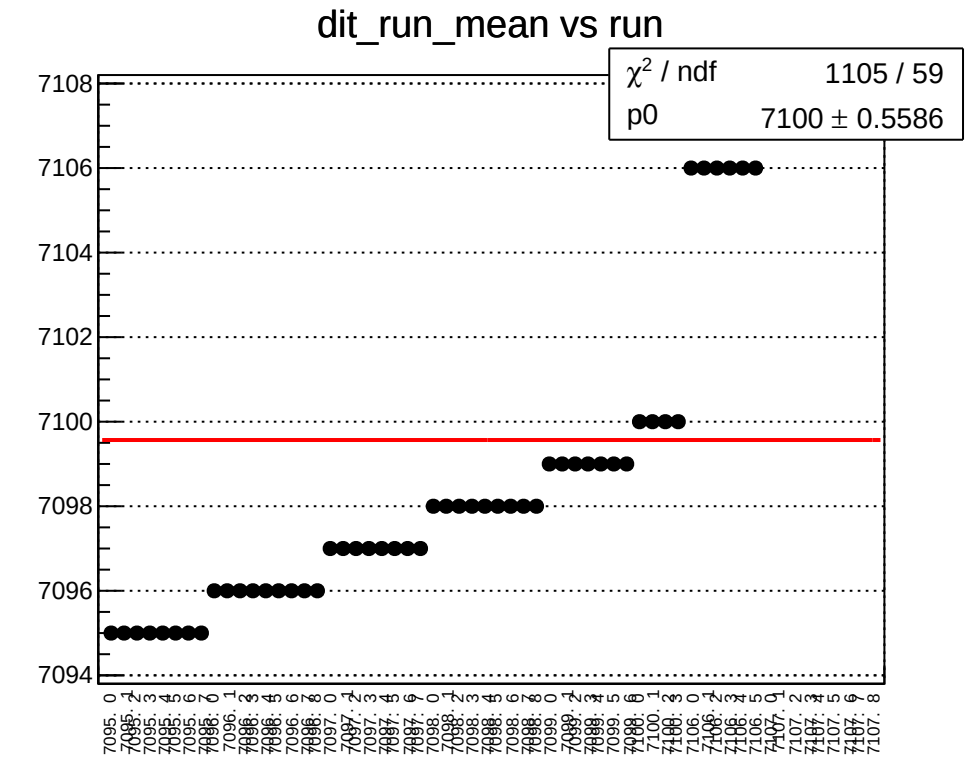

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

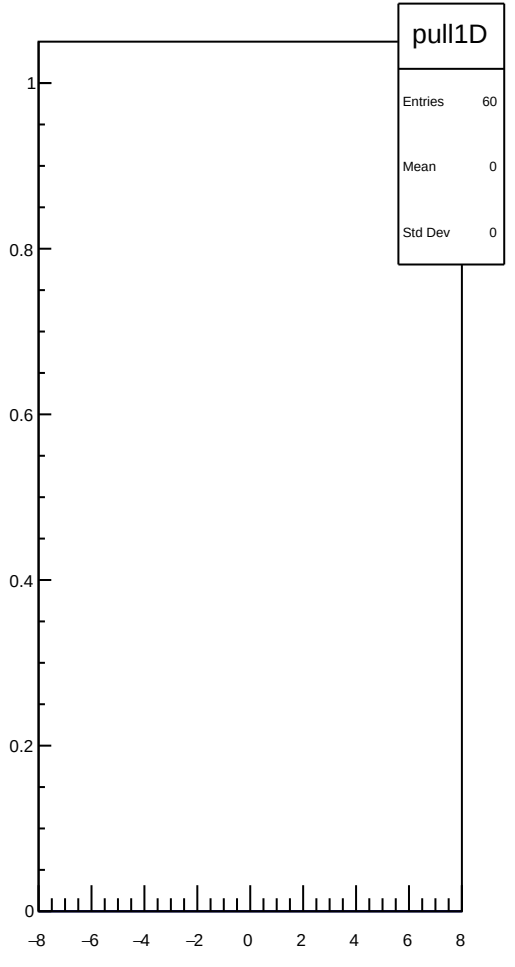

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

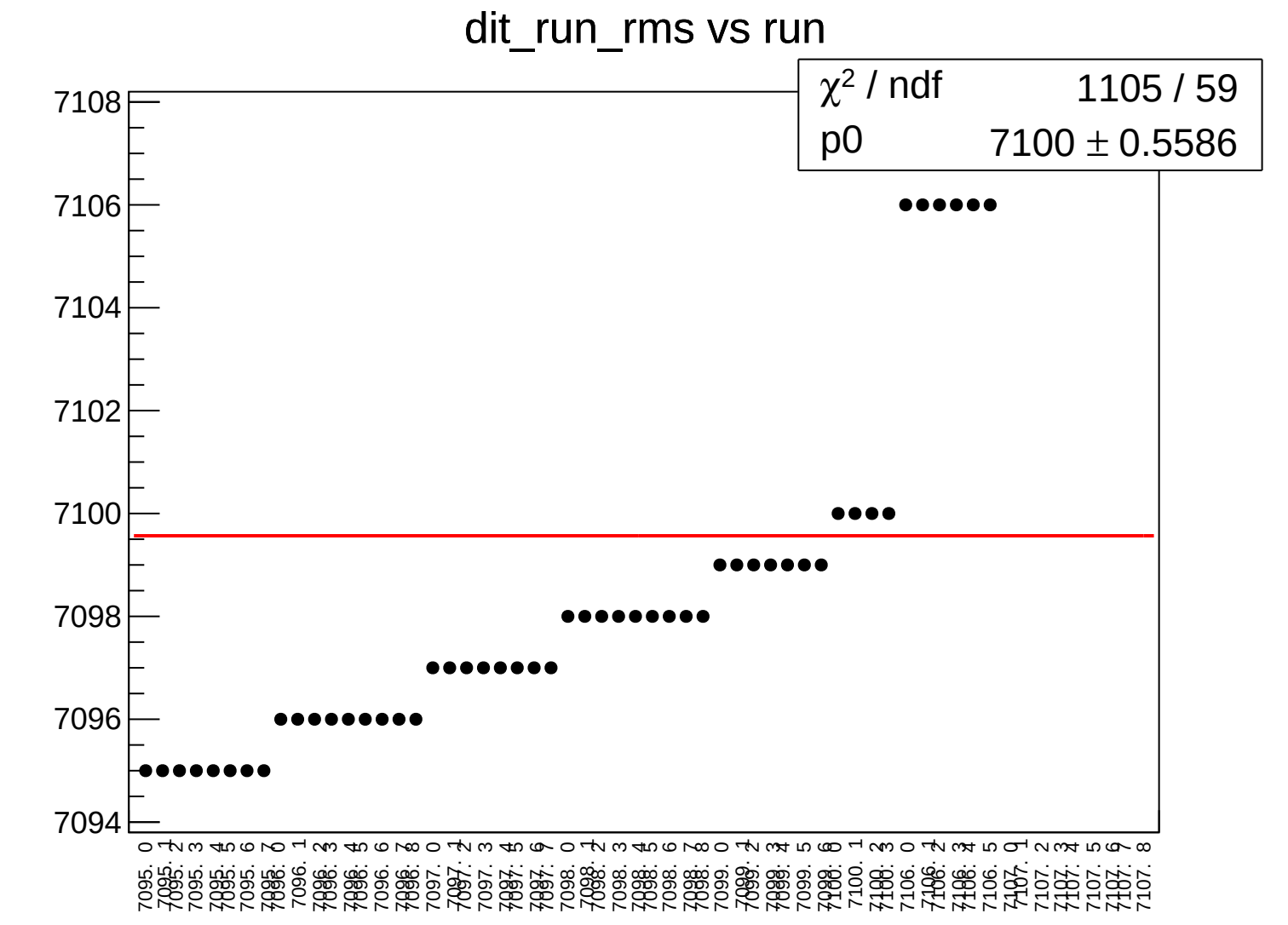

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

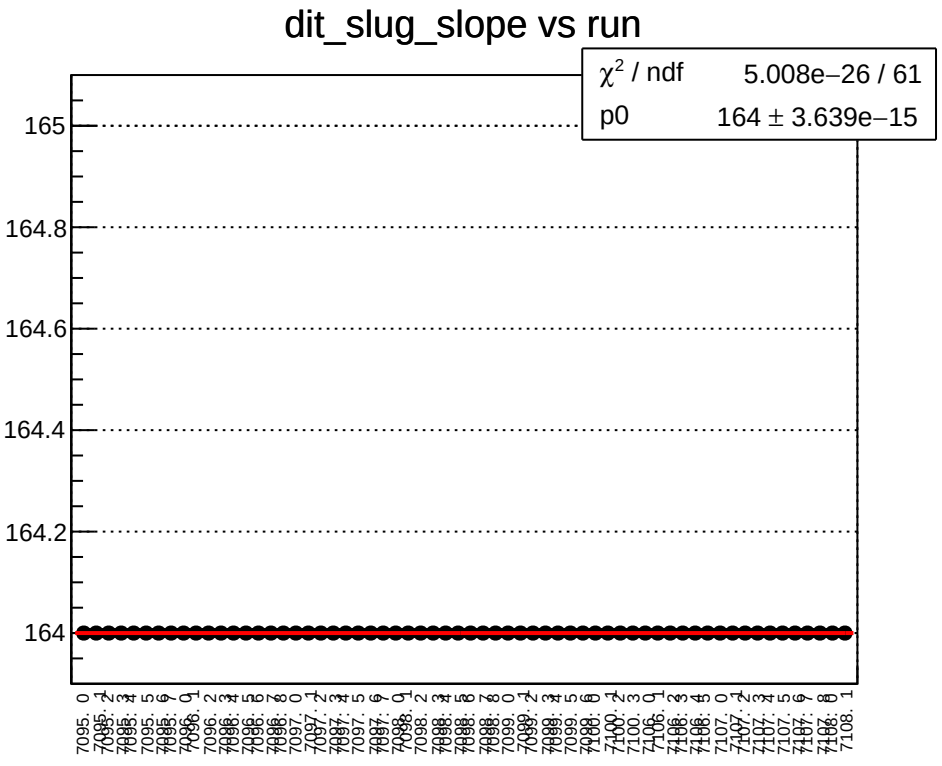

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

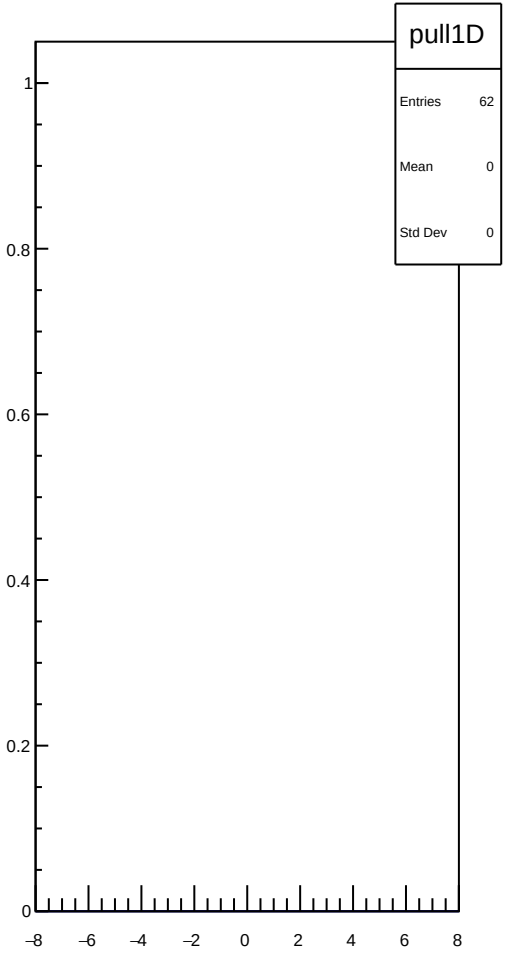

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

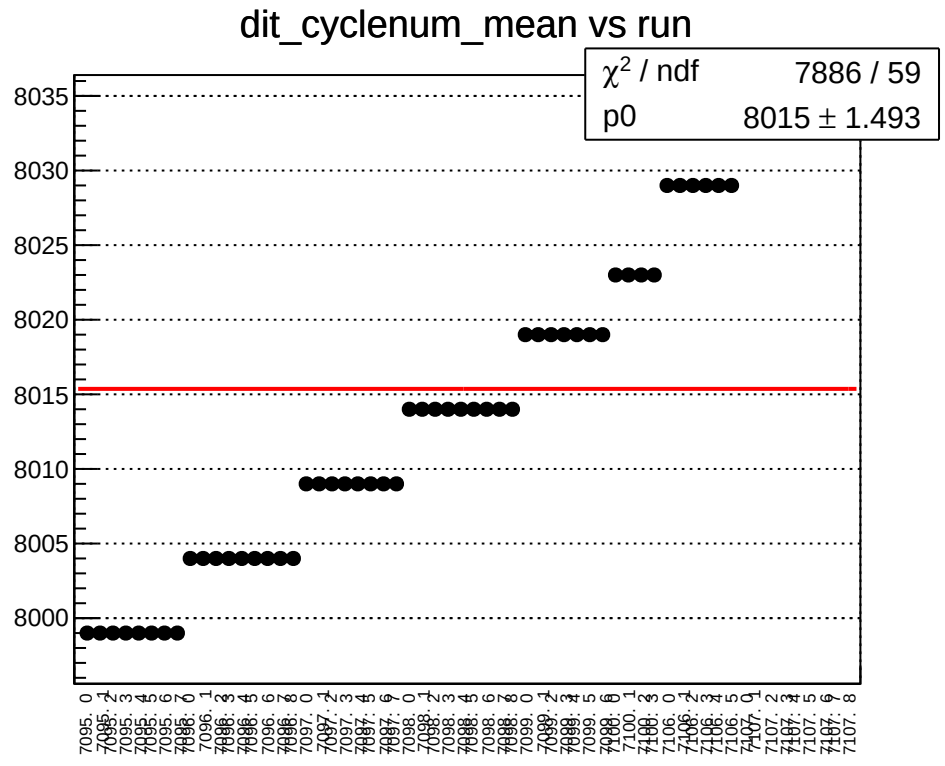

dit_run_mean vs run
χ² / ndf 1105 / 59
p0 7100 ± 0.5586
7108
7106
7104
7102
7100
7098
7096
7094

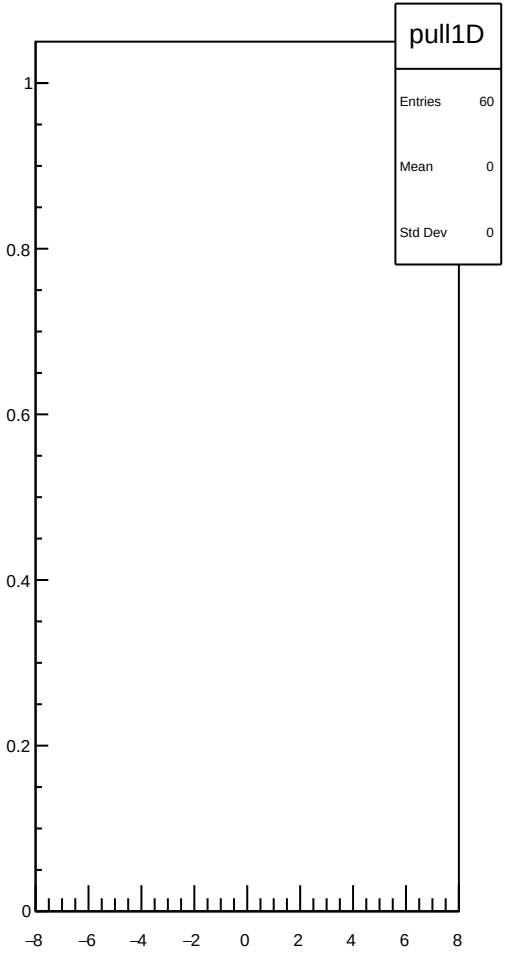

pull1D
Entries 60
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

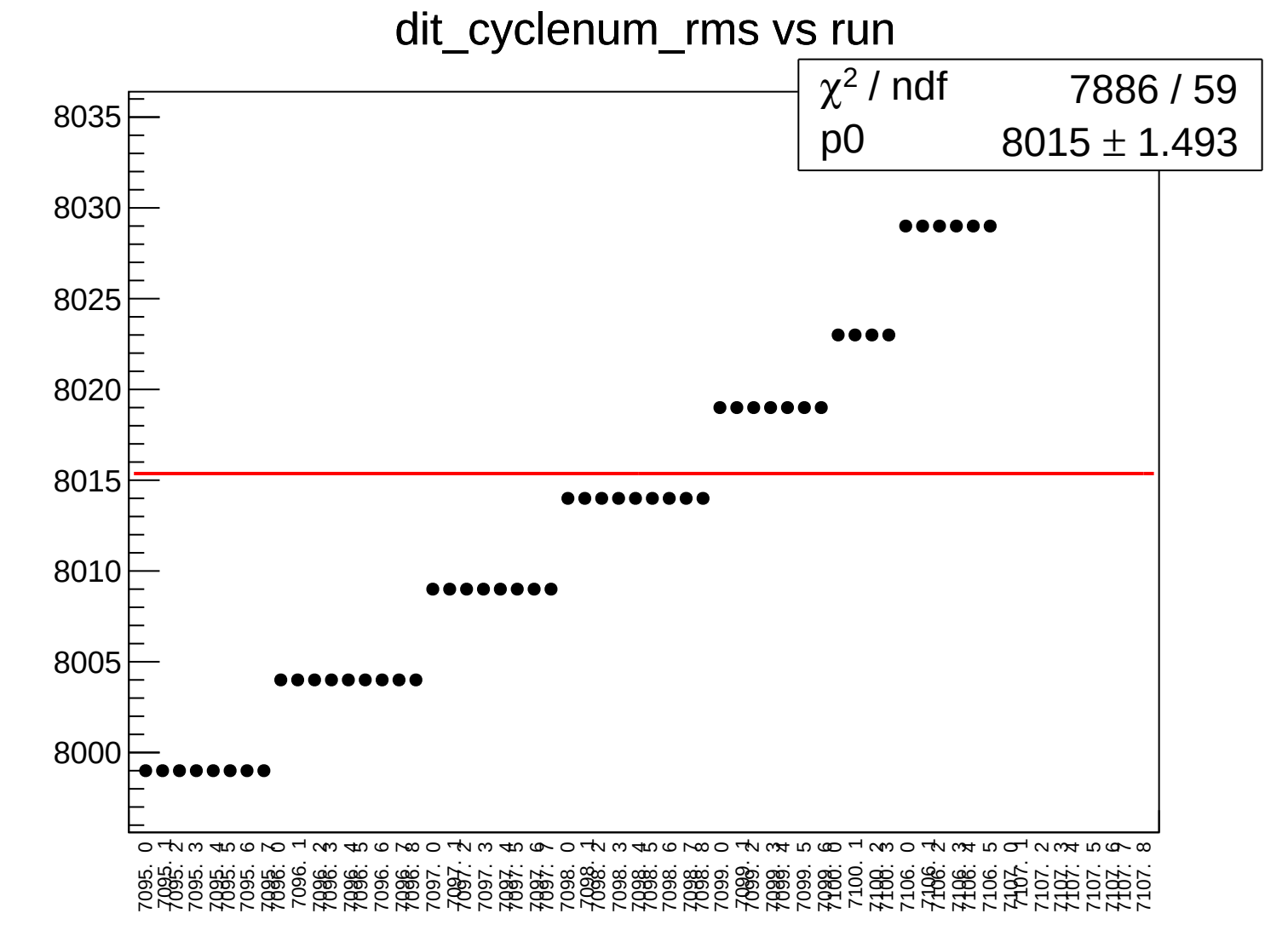

dit_run_rms vs run
χ² / ndf 1105 / 59
p0 7100 ± 0.5586
7108
7106
7104
7102
7100
7098
7096
7094

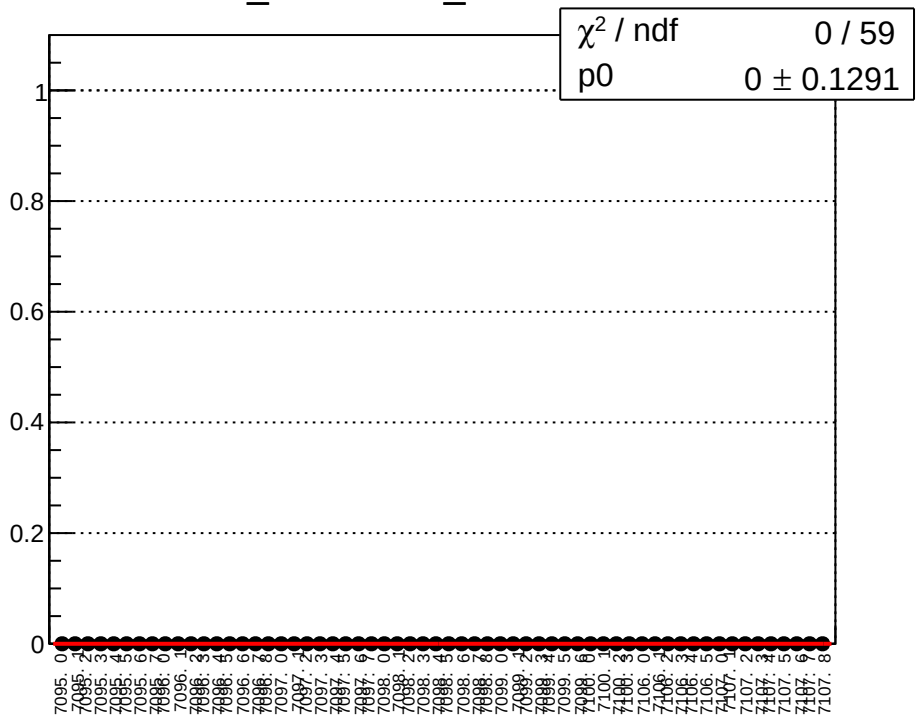

dit_slug_slope vs run
χ² / ndf 5.008e−26 / 61
p0 164 ± 3.639e−15
165
164.8
164.6
164.4
164.2
164

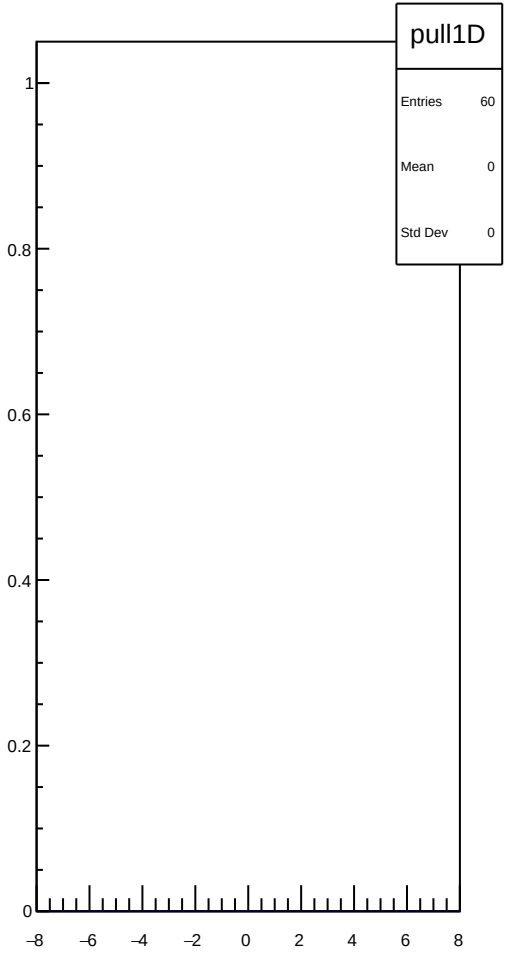

pull1D
Entries 62
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

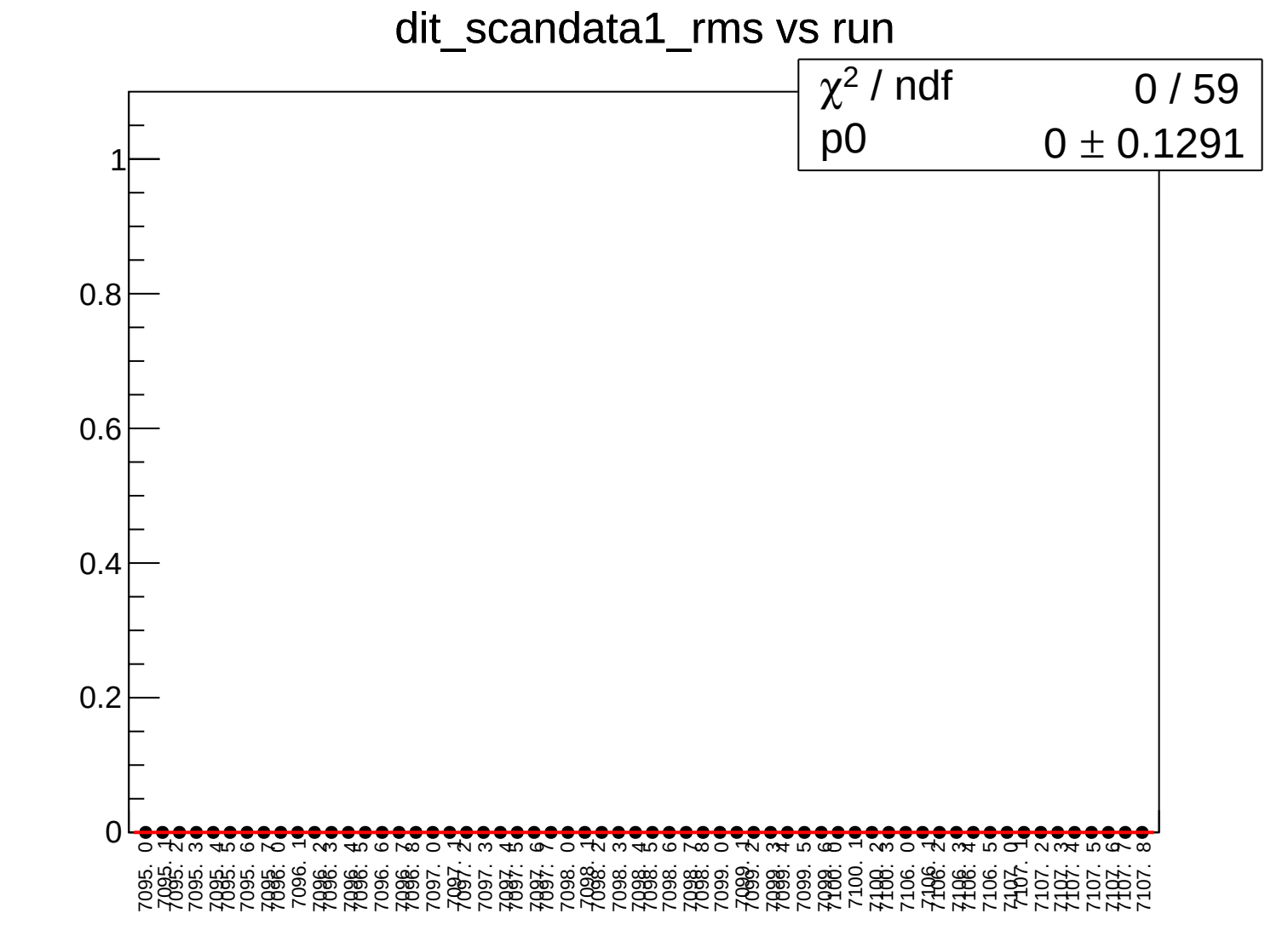

dit_cyclenum_mean vs run
χ² / ndf 7886 / 59
p0 8015 ± 1.493
8035
8030
8025
8020
8015
8010
8005
8000

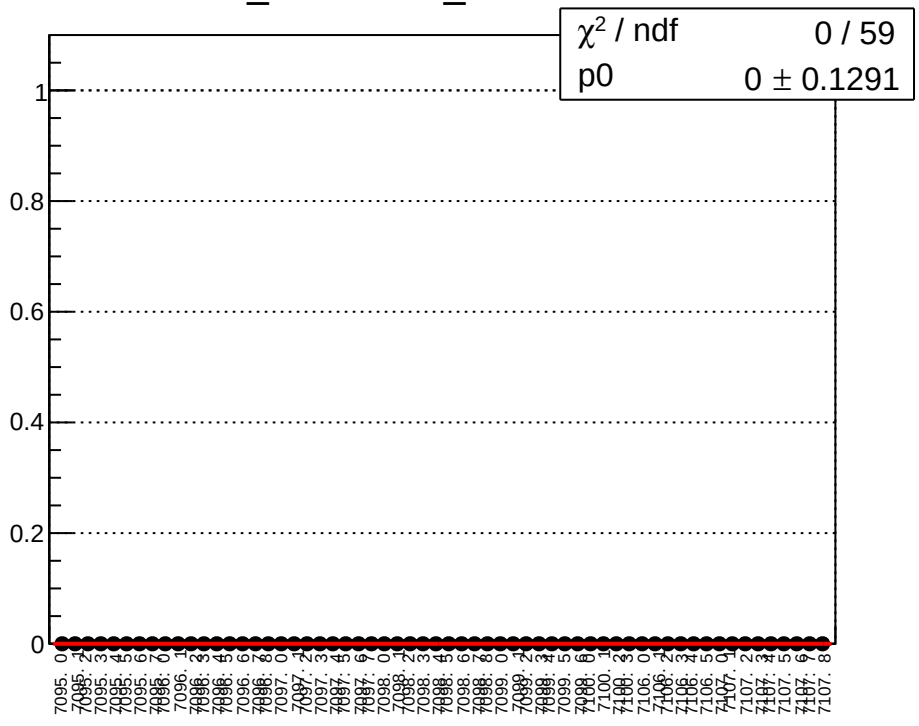

pull1D
Entries 60
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

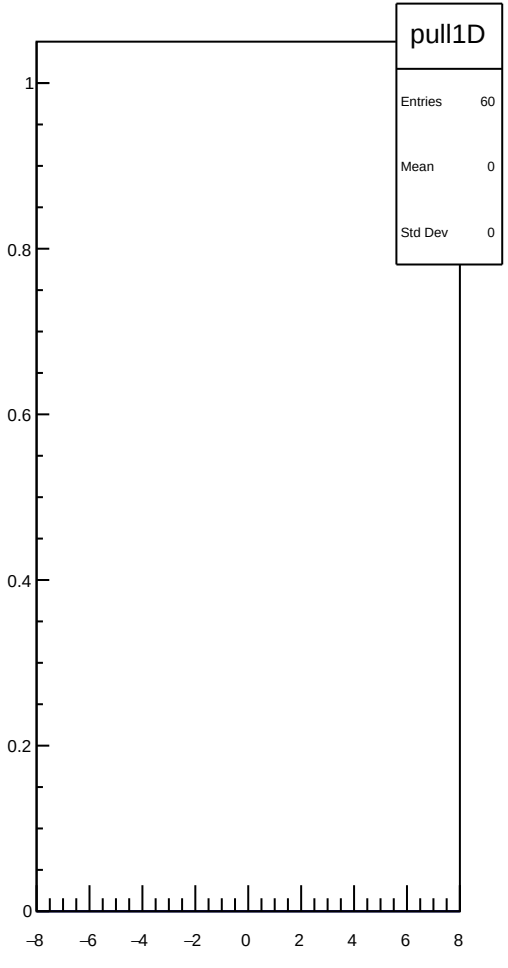

dit_cyclenum_rms vs run
χ² / ndf 7886 / 59
p0 8015 ± 1.493
8035
8030
8025
8020
8015
8010
8005
8000

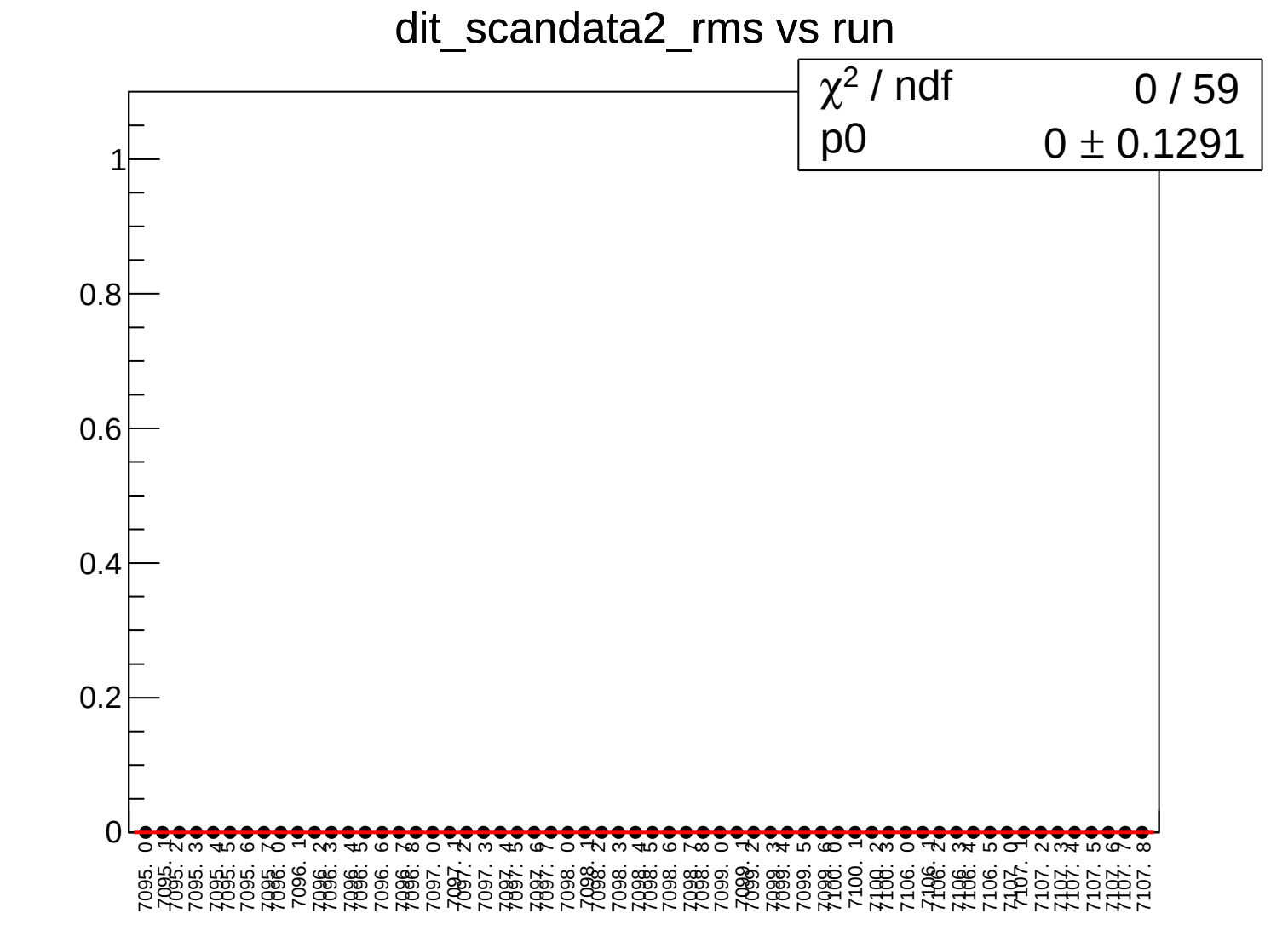

dit_scandata1_mean vs run
χ² / ndf 0 / 59
p0 0 ± 0.1291
1
0.8
0.6
0.4
0.2
0

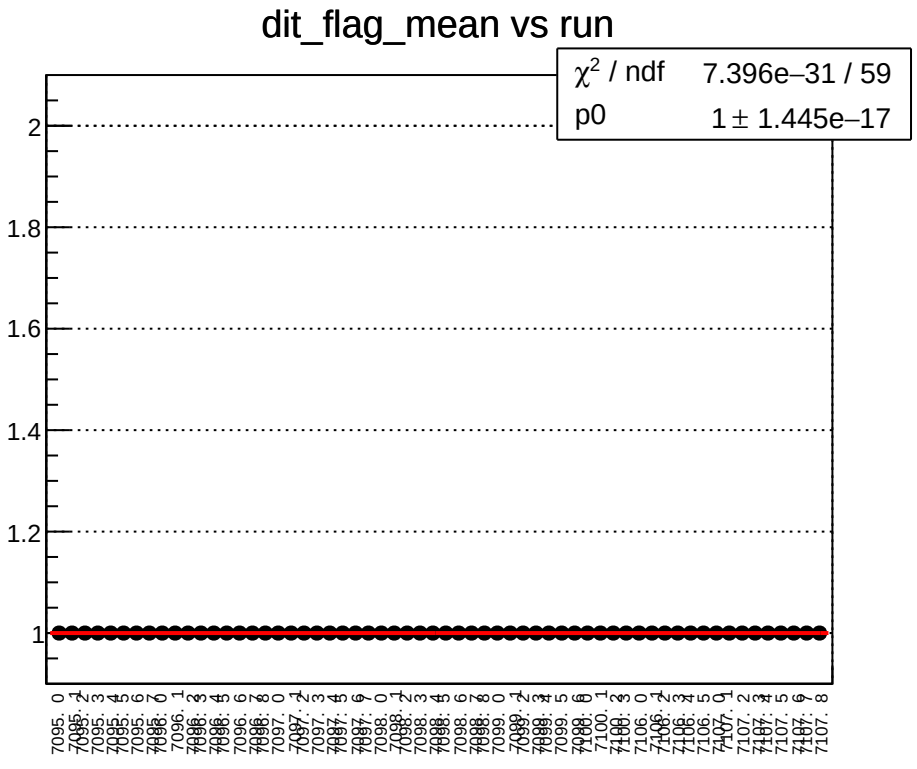

pull1D
Entries 60
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

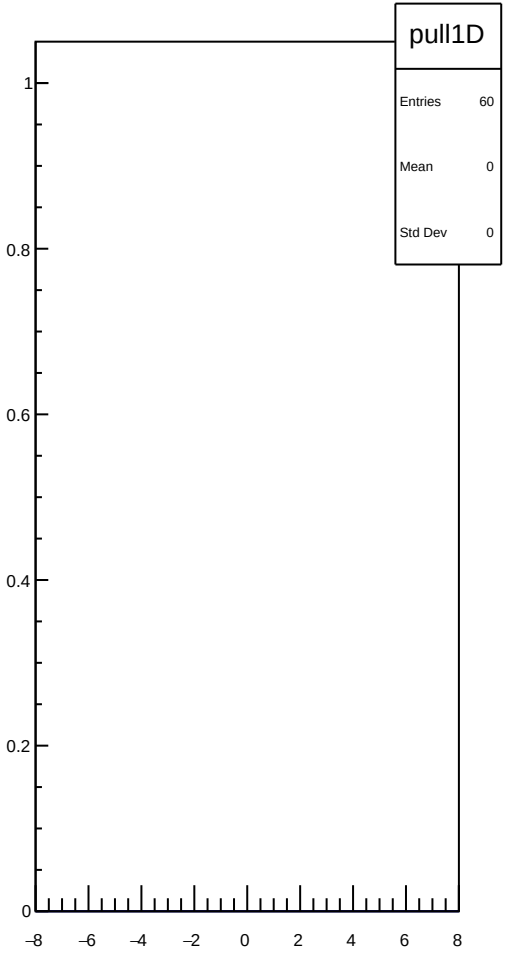

dit_scandata1_rms vs run
χ² / ndf 0 / 59
p0 0 ± 0.1291
1
0.8
0.6
0.4
0.2
0

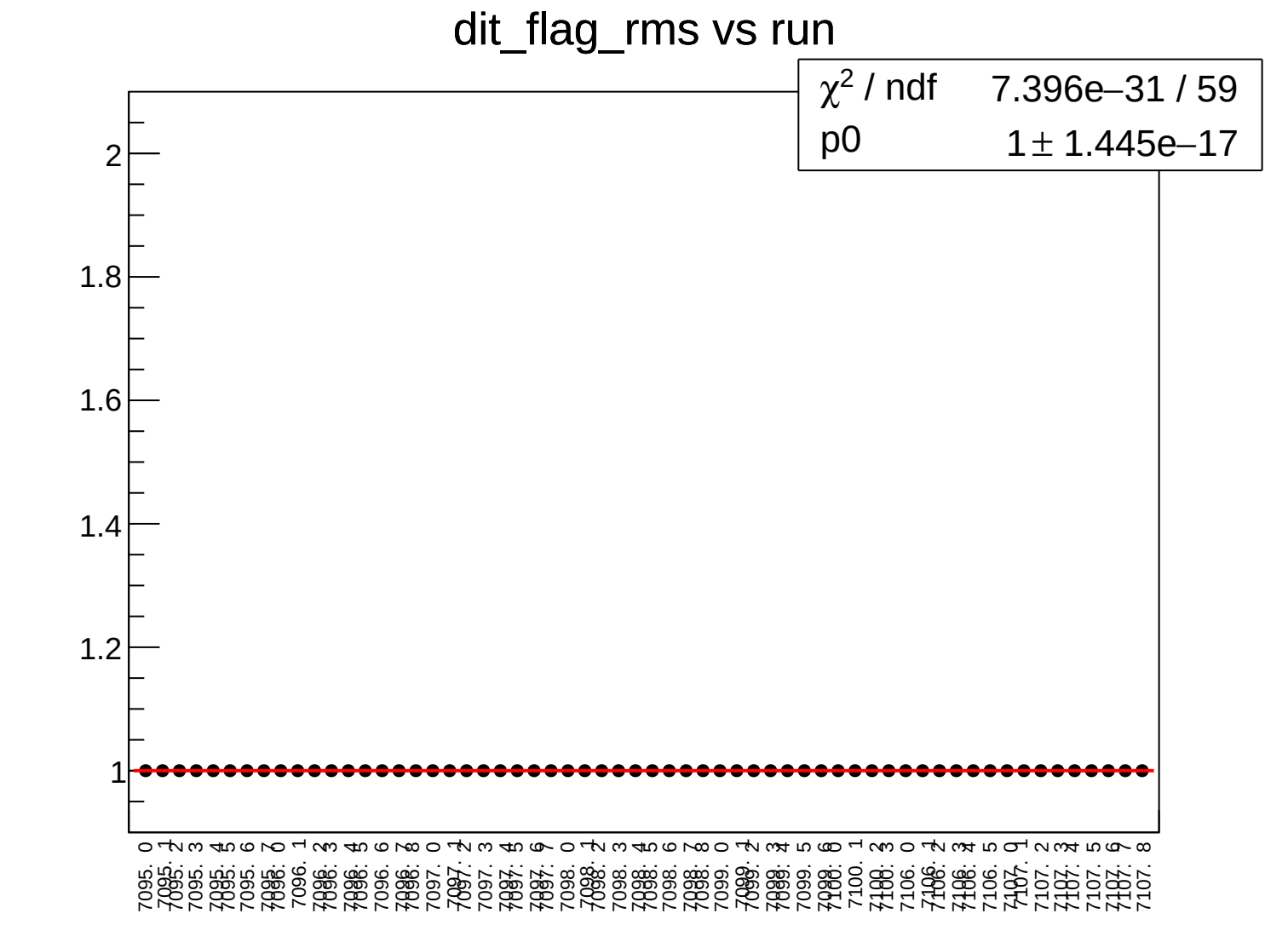

dit_scandata2_mean vs run
χ² / ndf 0 / 59
p0 0 ± 0.1291
1
0.8
0.6
0.4
0.2
0

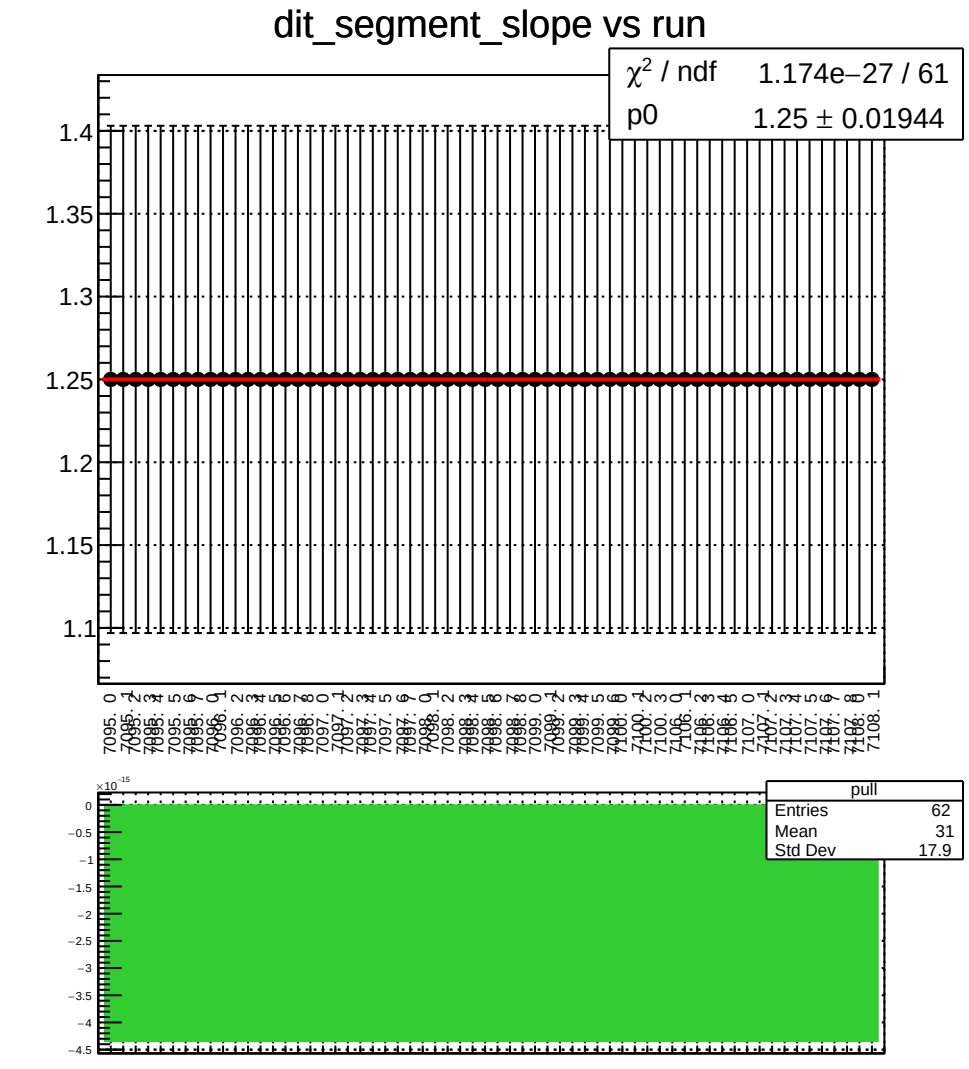

pull1D
Entries 60
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

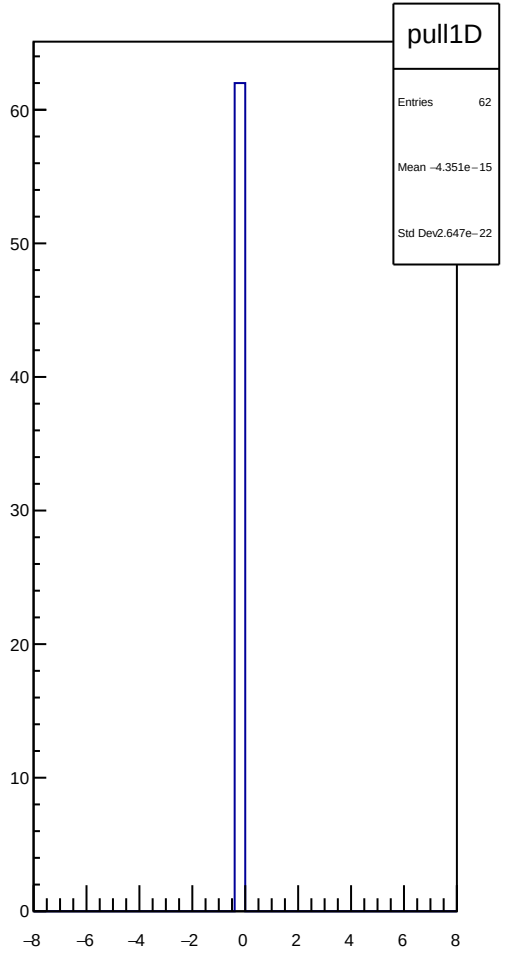

dit_scandata2_rms vs run
χ² / ndf 0 / 59
p0 0 ± 0.1291
1
0.8
0.6
0.4
0.2
0

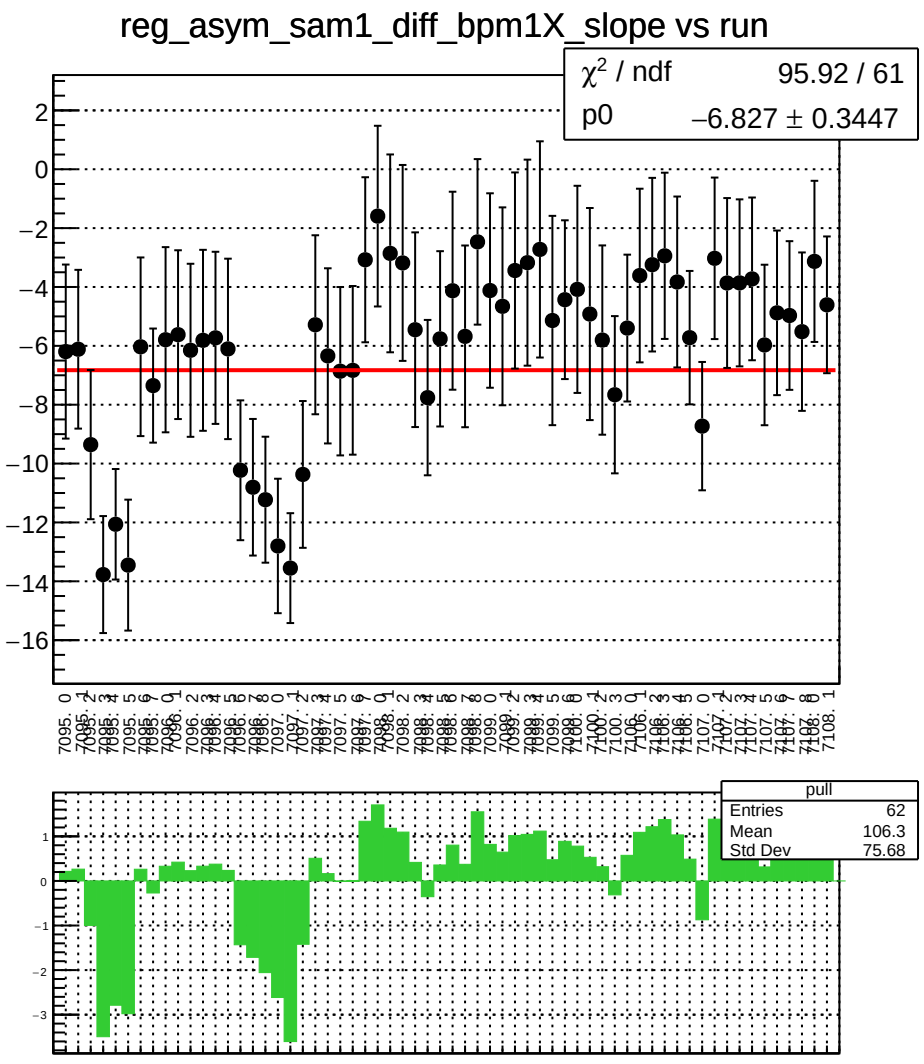

dit_flag_mean vs run
χ^2 / ndf 7.396e−31 / 59
p0 1 ± 1.445e−17
2
1.8
1.6
1.4
1.2
1

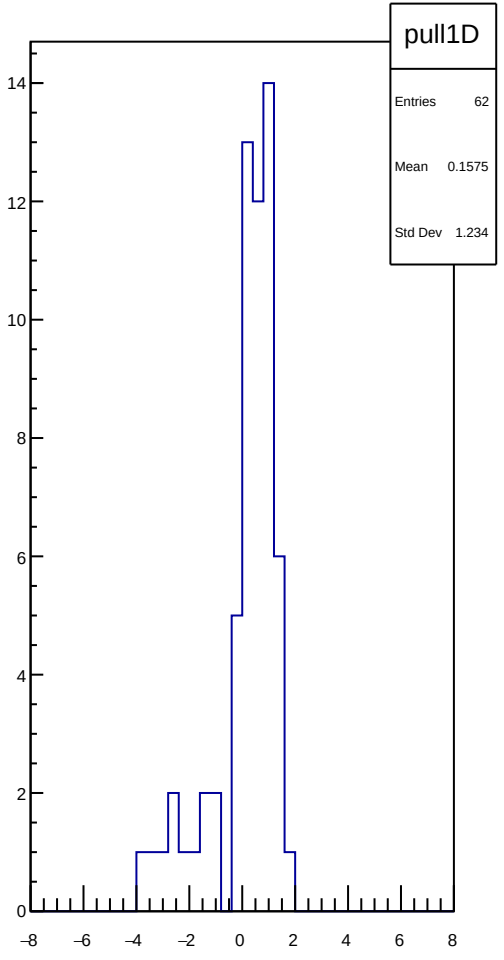

pull1D
Entries 60
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

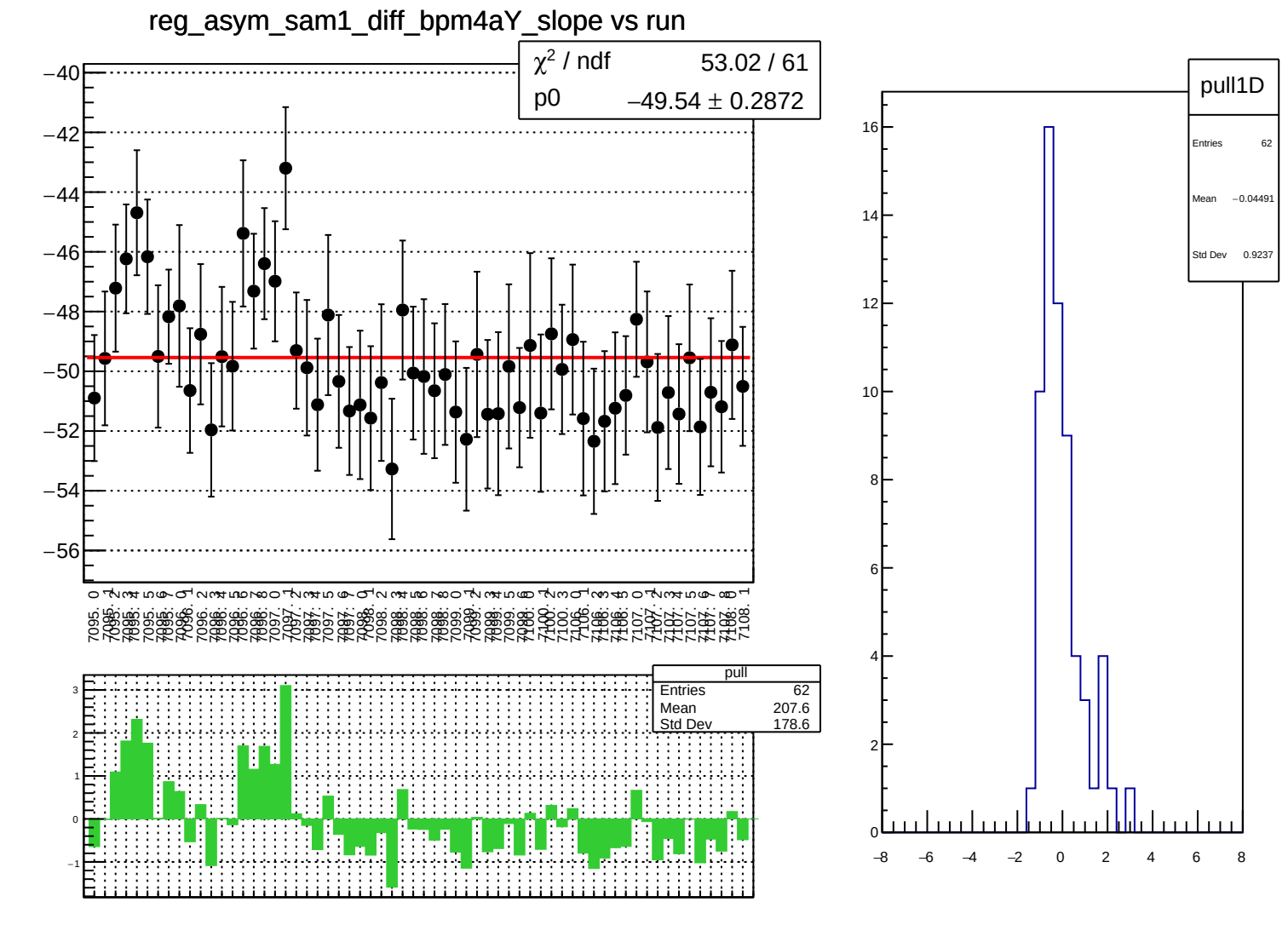

dit_flag_rms vs run
χ^2 / ndf 7.396e−31 / 59
p0 1 ± 1.445e−17
2
1.8
1.6
1.4
1.2
1

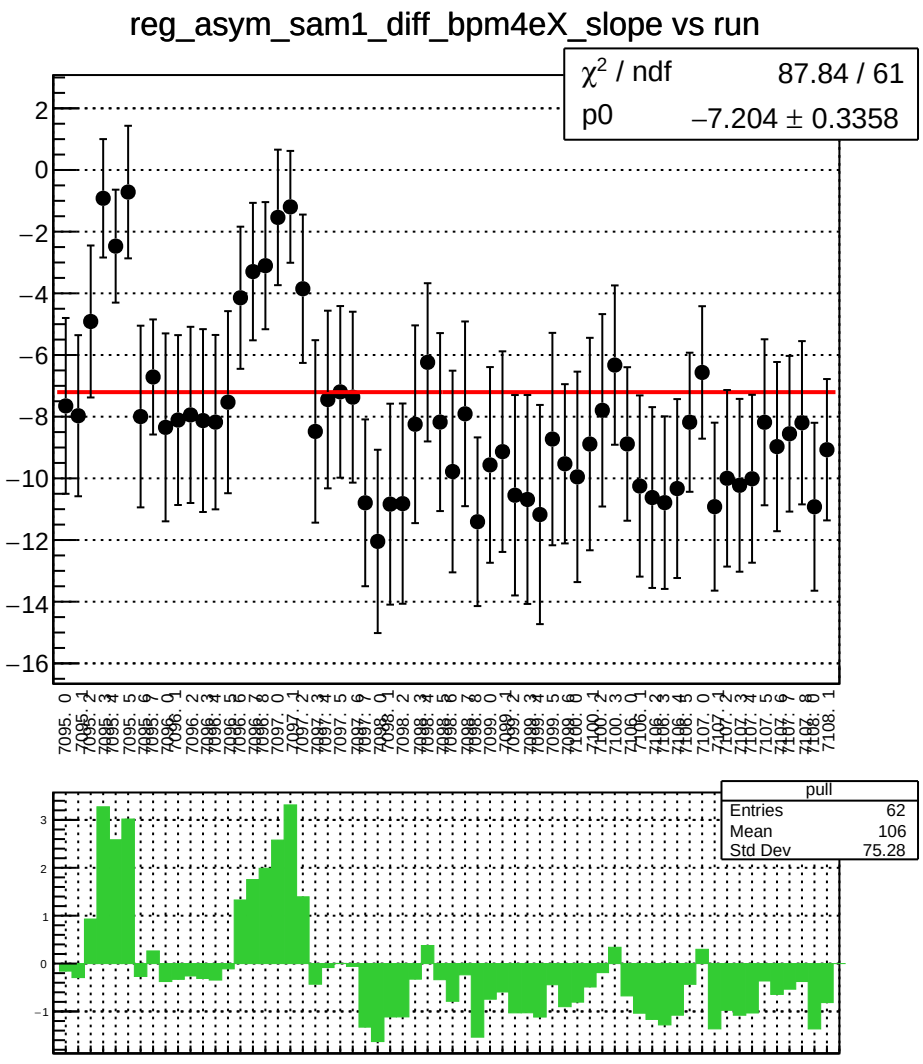

dit_segment_slope vs run
χ² / ndf 1.174e−27 / 61
p0 1.25 ± 0.01944
pull
Entries 62
Mean 31
Std Dev 17.9

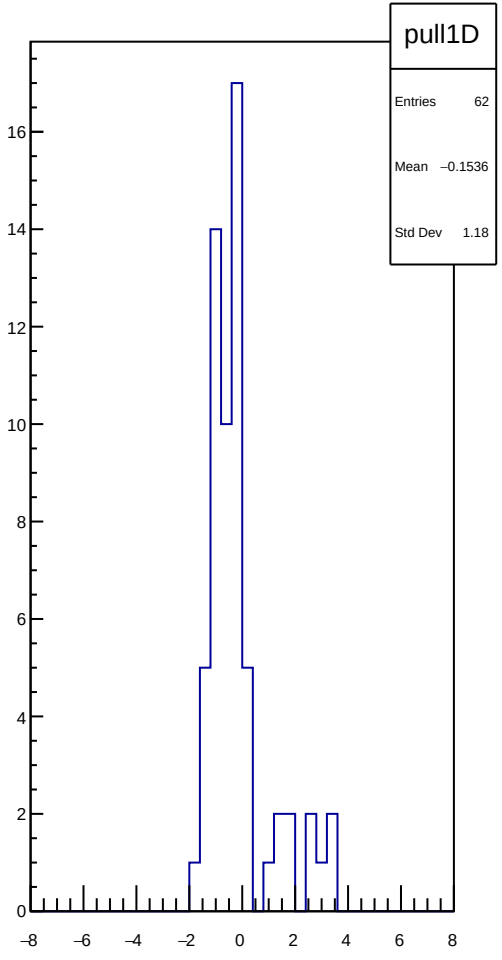

pull1D
Entries 62
Mean −4.351e−15
Std Dev2.647e−22

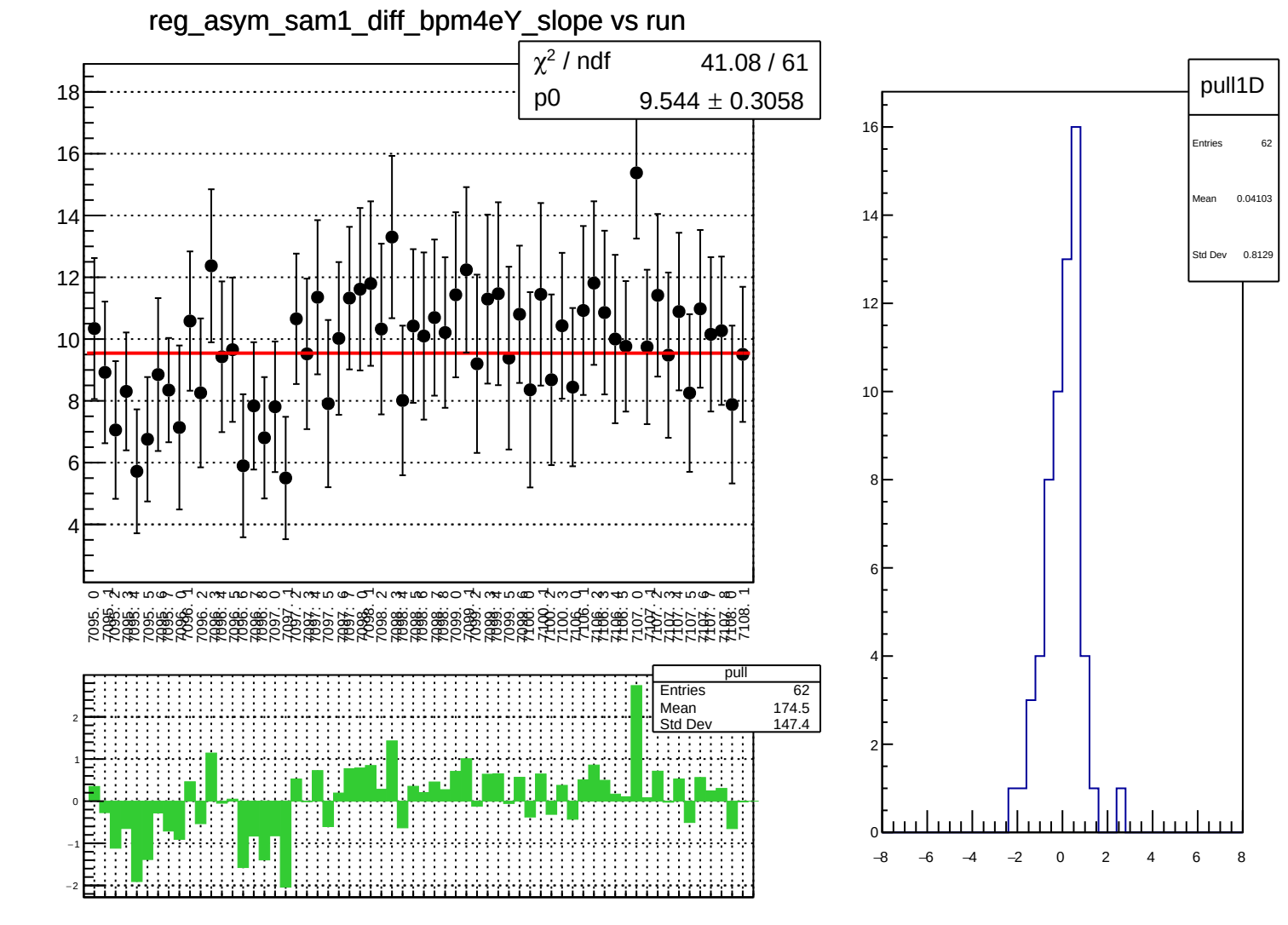

reg_asym_sam1_diff_bpm1X_slope vs run
χ² / ndf 95.92 / 61
p0 −6.827 ± 0.3447
pull
Entries 62
Mean 106.3
Std Dev 75.68

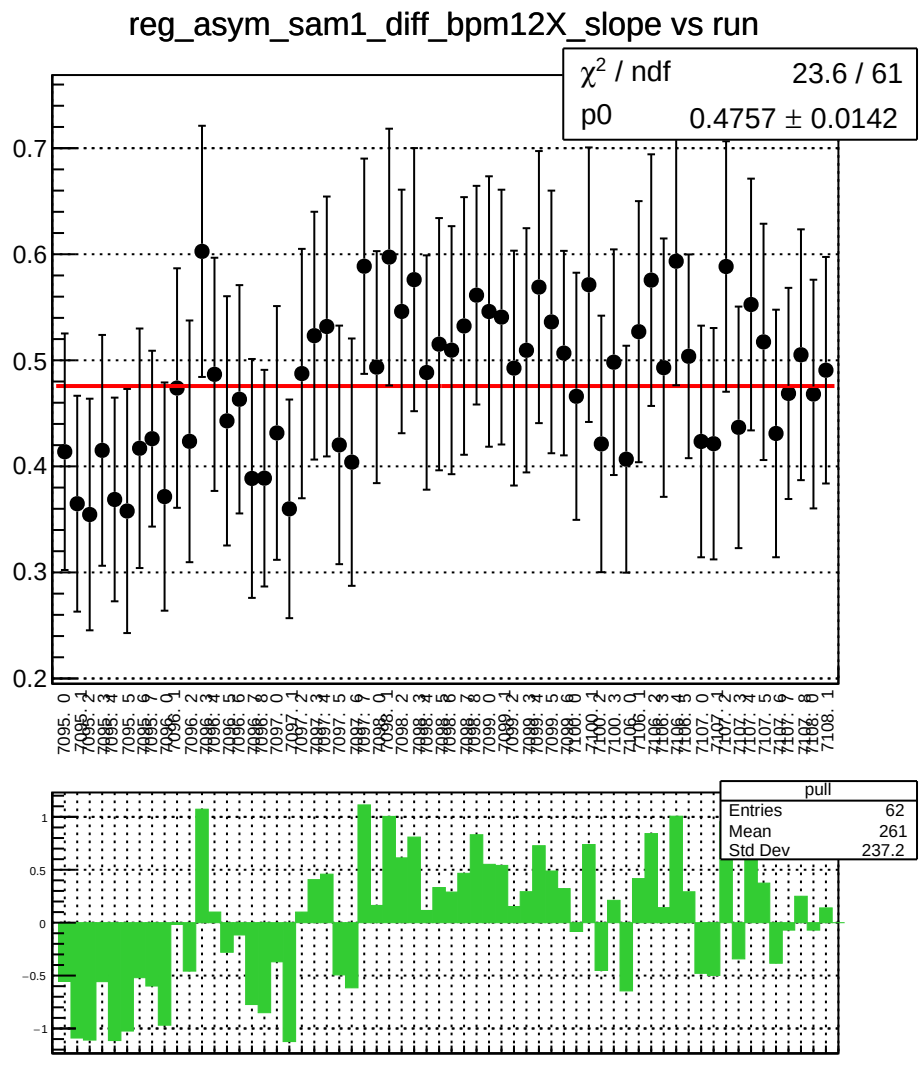

pull1D
Entries 62
Mean 0.1575
Std Dev 1.234

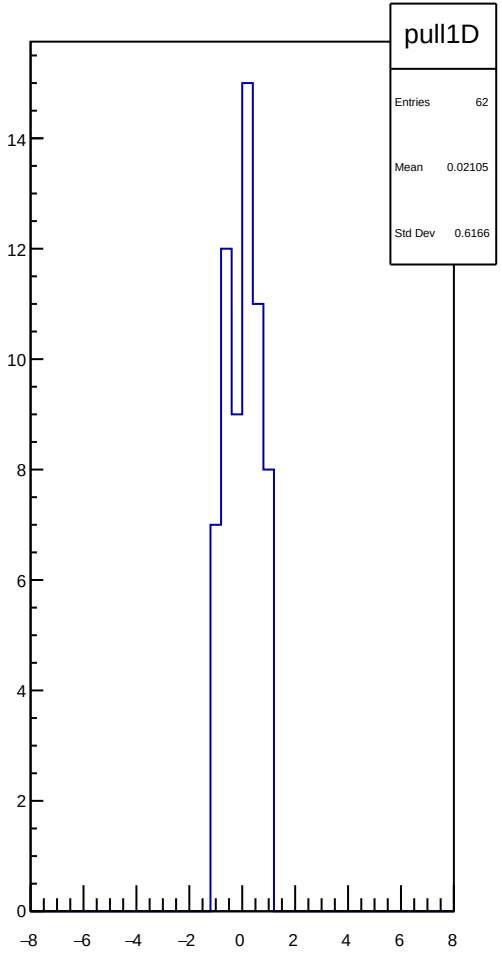

reg_asym_sam1_diff_bpm4aY_slope vs run
χ² / ndf 53.02 / 61
p0 −49.54 ± 0.2872
pull
Entries 62
Mean 207.6
Std Dev 178.6
pull1D
Entries 62
Mean −0.04491
Std Dev 0.9237

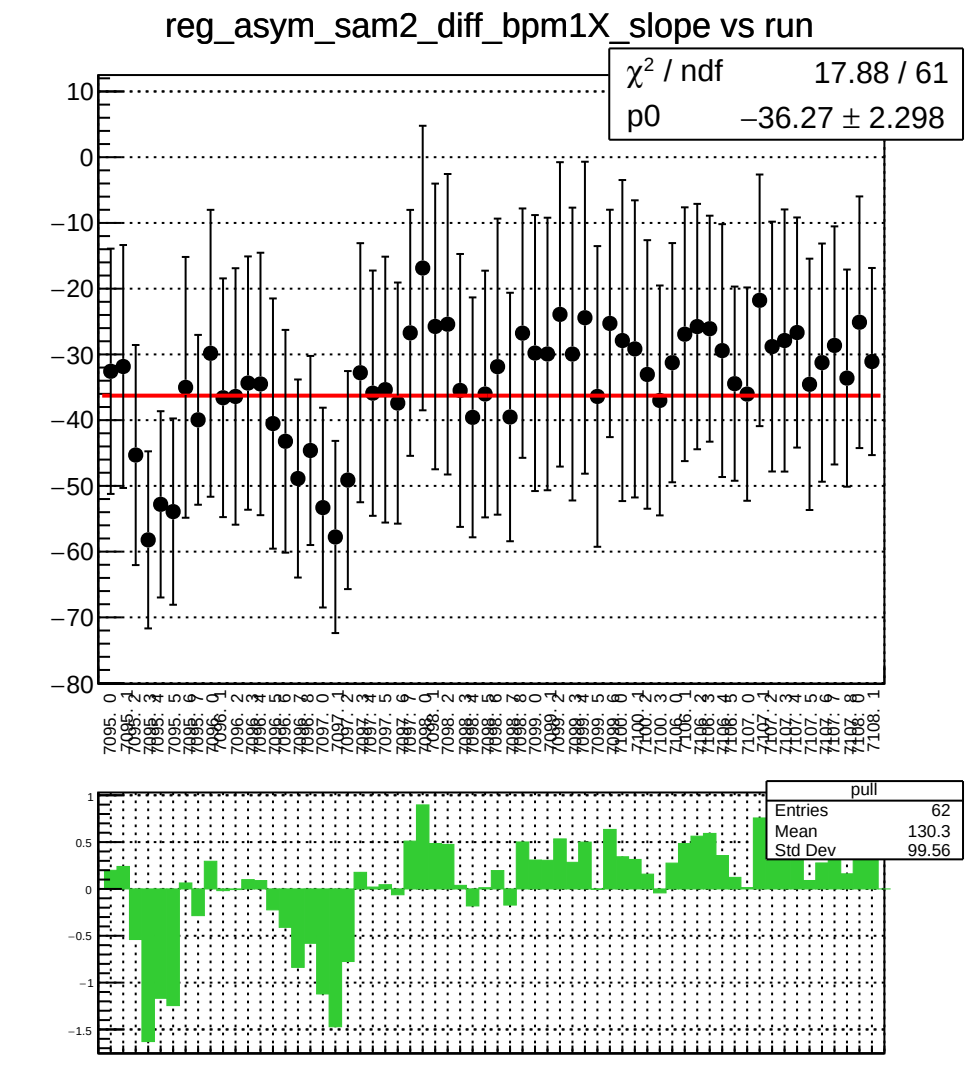

reg_asym_sam1_diff_bpm4eX_slope vs run
χ² / ndf 87.84 / 61
p0 −7.204 ± 0.3358
pull
Entries 62
Mean 106
Std Dev 75.28

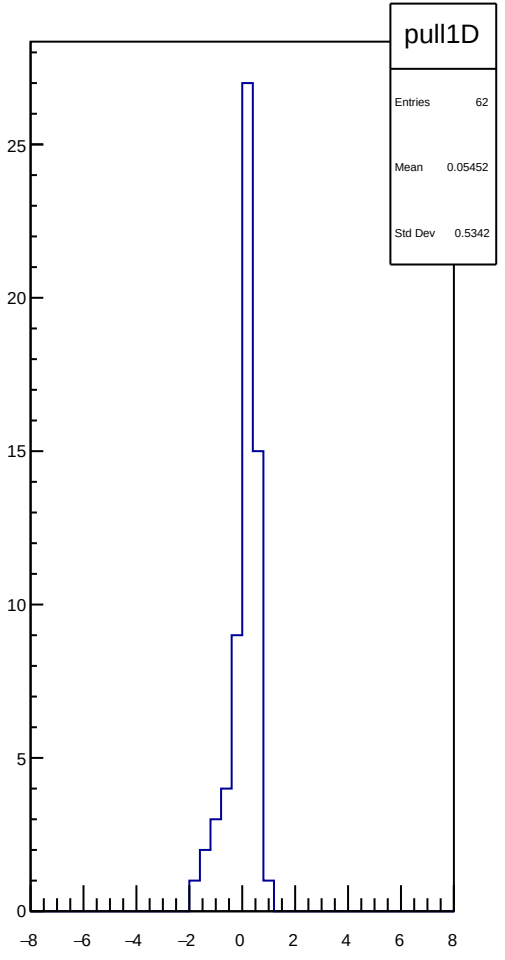

pull1D
Entries 62
Mean −0.1536
Std Dev 1.18

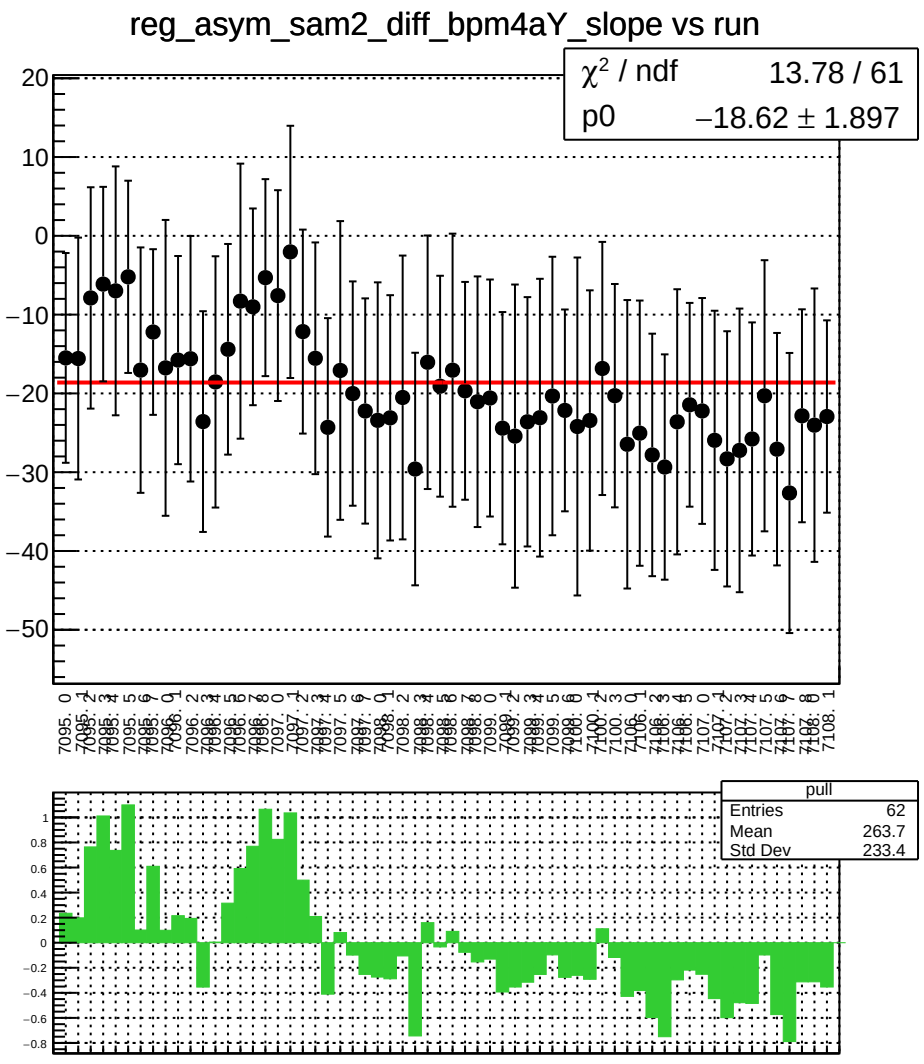

reg_asym_sam1_diff_bpm4eY_slope vs run
χ² / ndf 41.08 / 61
p0 9.544 ± 0.3058
pull
Entries 62
Mean 174.5
Std Dev 147.4
pull1D
Entries 62
Mean 0.04103
Std Dev 0.8129

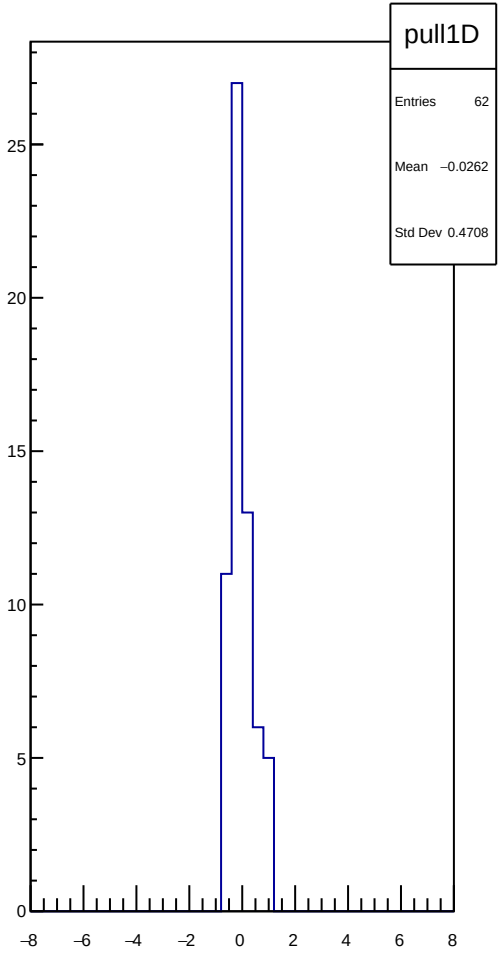

reg_asym_sam1_diff_bpm12X_slope vs run
χ² / ndf 23.6 / 61
p0 0.4757 ± 0.0142
pull
Entries 62
Mean 261
Std Dev 237.2

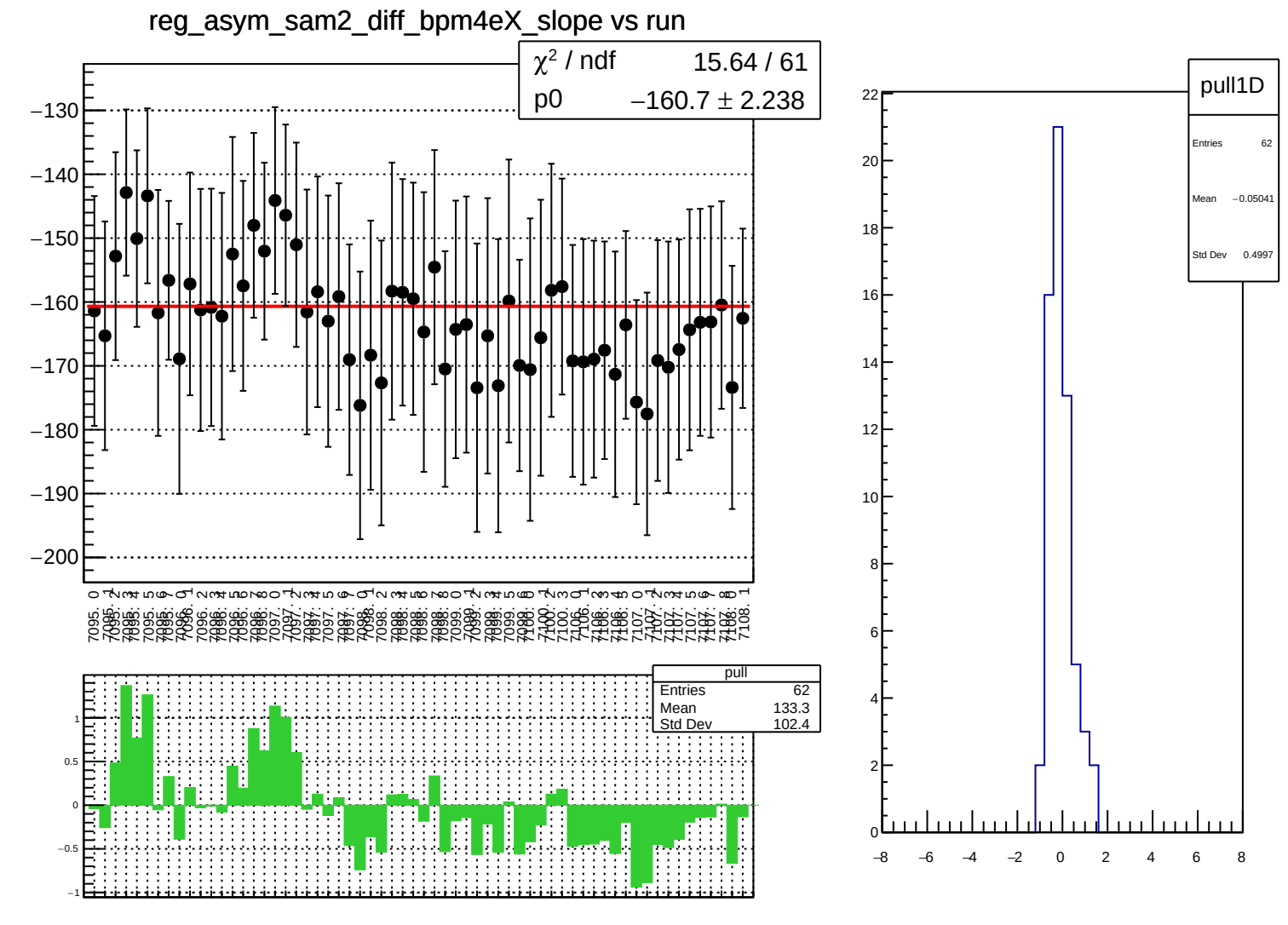

pull1D
Entries 62
Mean 0.02105
Std Dev 0.6166

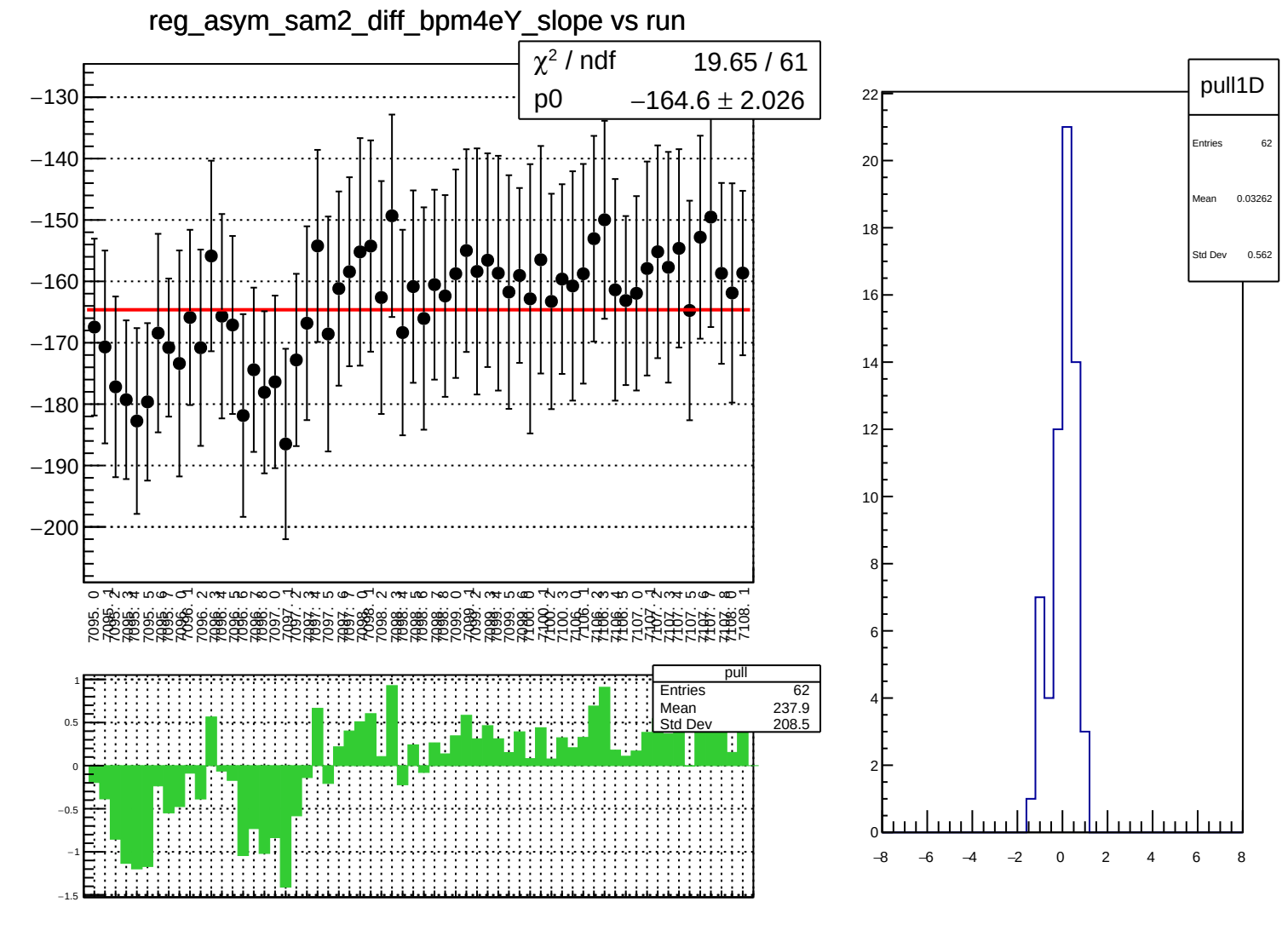

reg_asym_sam2_diff_bpm1X_slope vs run
χ² / ndf 17.88 / 61
p0 −36.27 ± 2.298
pull
Entries 62
Mean 130.3
Std Dev 99.56

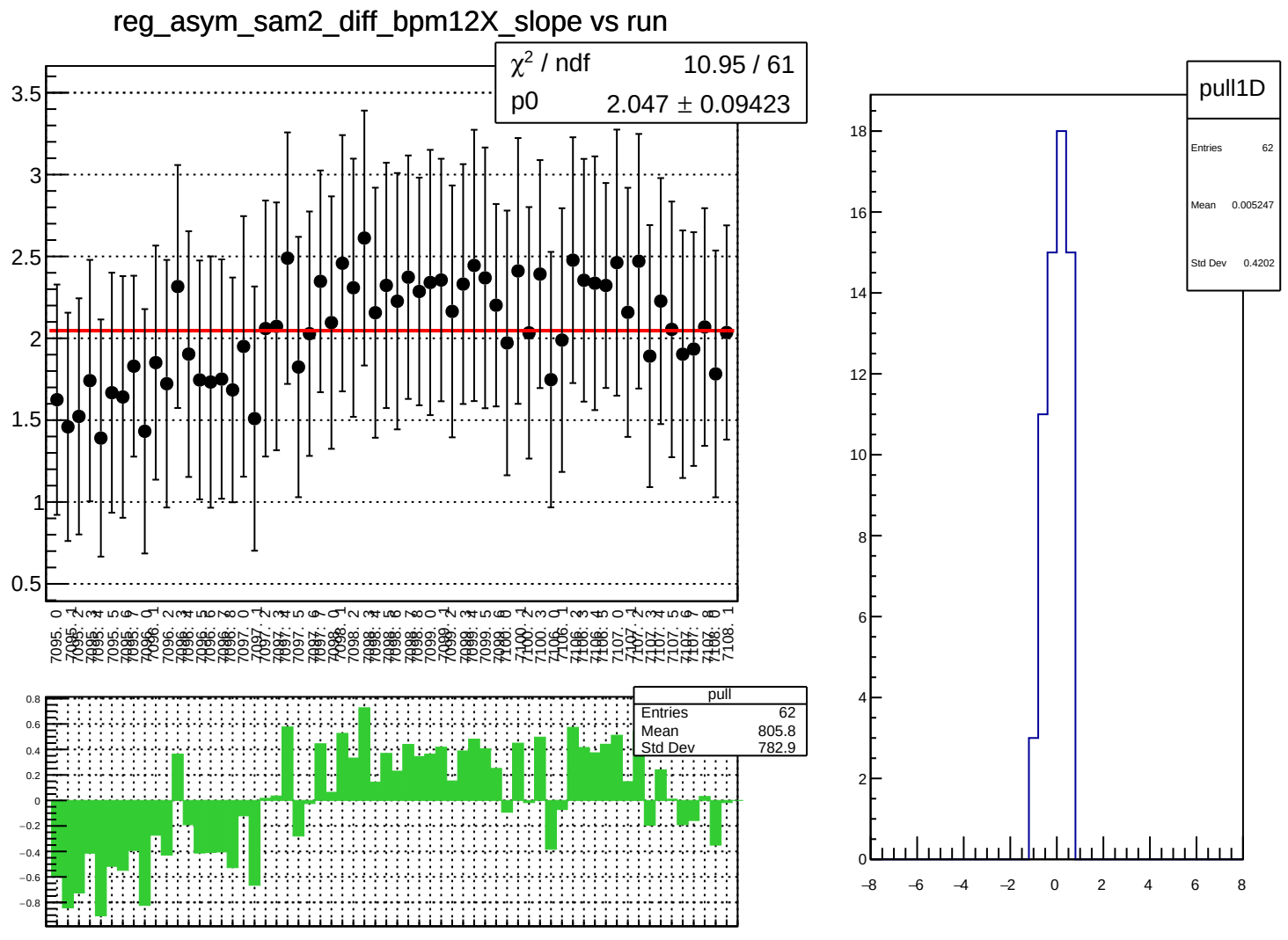

pull1D
Entries 62
Mean 0.05452
Std Dev 0.5342

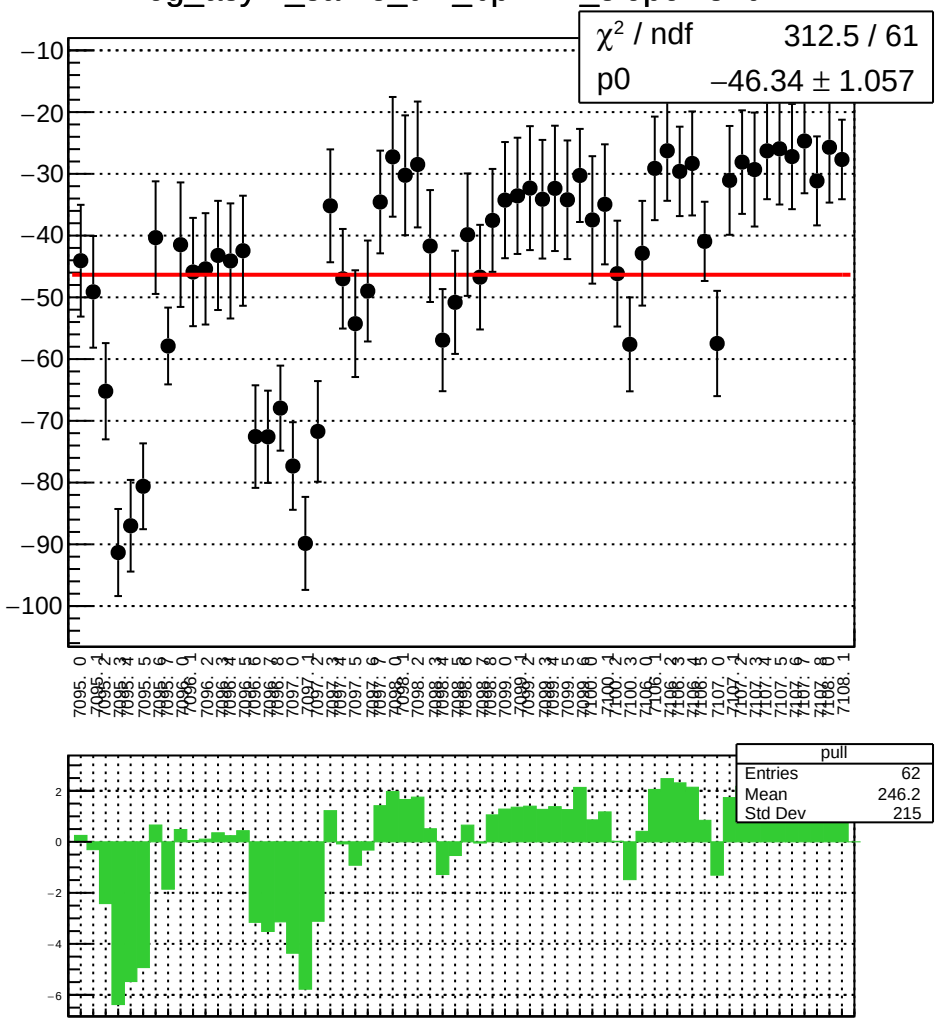

reg_asym_sam2_diff_bpm4aY_slope vs run
χ² / ndf 13.78 / 61
p0 −18.62 ± 1.897
pull
Entries 62
Mean 263.7
Std Dev 233.4

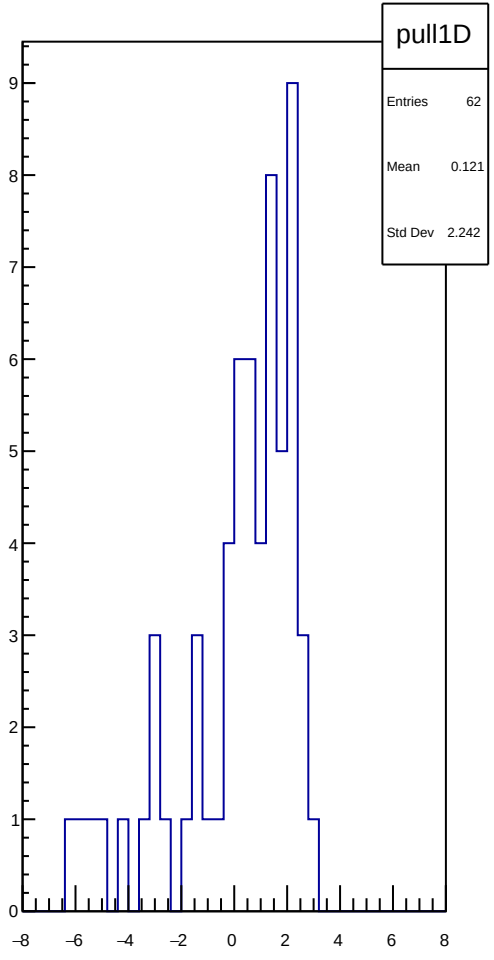

pull1D
Entries 62
Mean −0.0262
Std Dev 0.4708

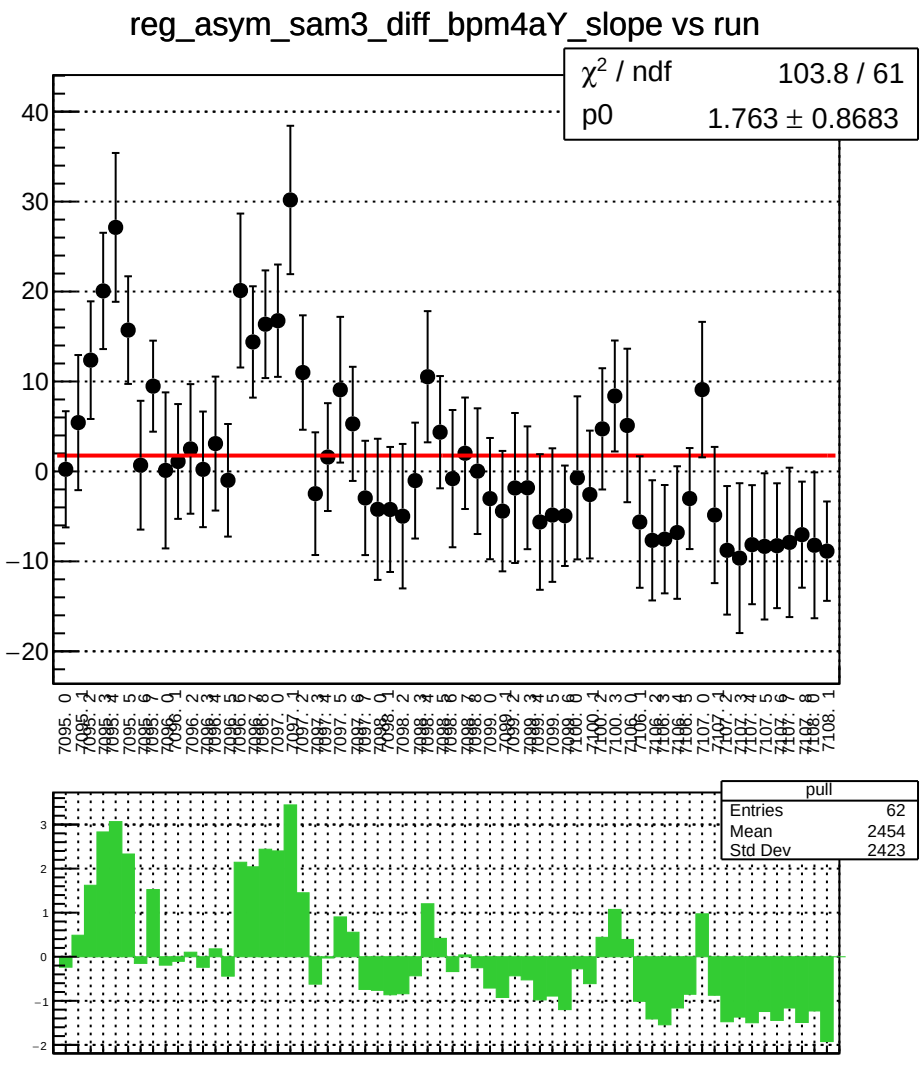

reg_asym_sam2_diff_bpm4eX_slope vs run
χ² / ndf 15.64 / 61
p0 −160.7 ± 2.238
pull
Entries 62
Mean 133.3
Std Dev 102.4
pull1D
Entries 62
Mean −0.05041
Std Dev 0.4997

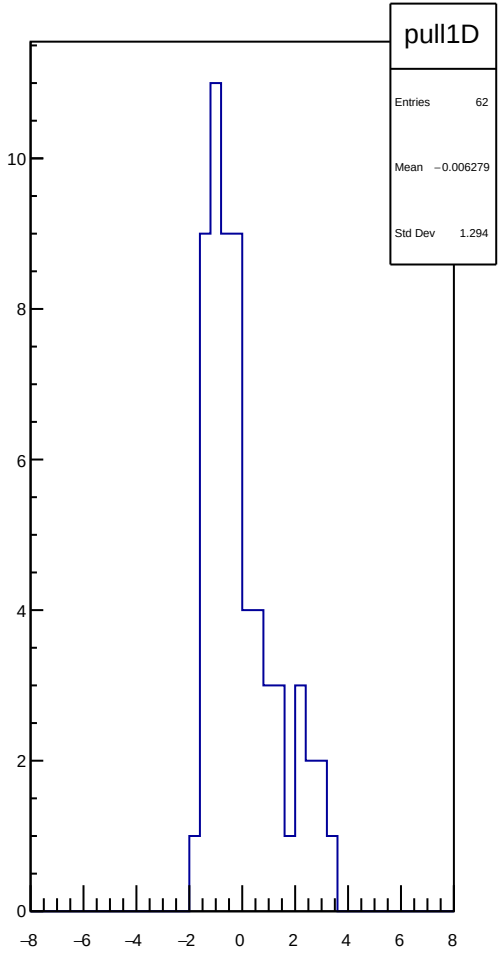

reg_asym_sam2_diff_bpm4eY_slope vs run
χ² / ndf 19.65 / 61
p0 −164.6 ± 2.026
pull
Entries 62
Mean 237.9
Std Dev 208.5
pull1D
Entries 62
Mean 0.03262
Std Dev 0.562

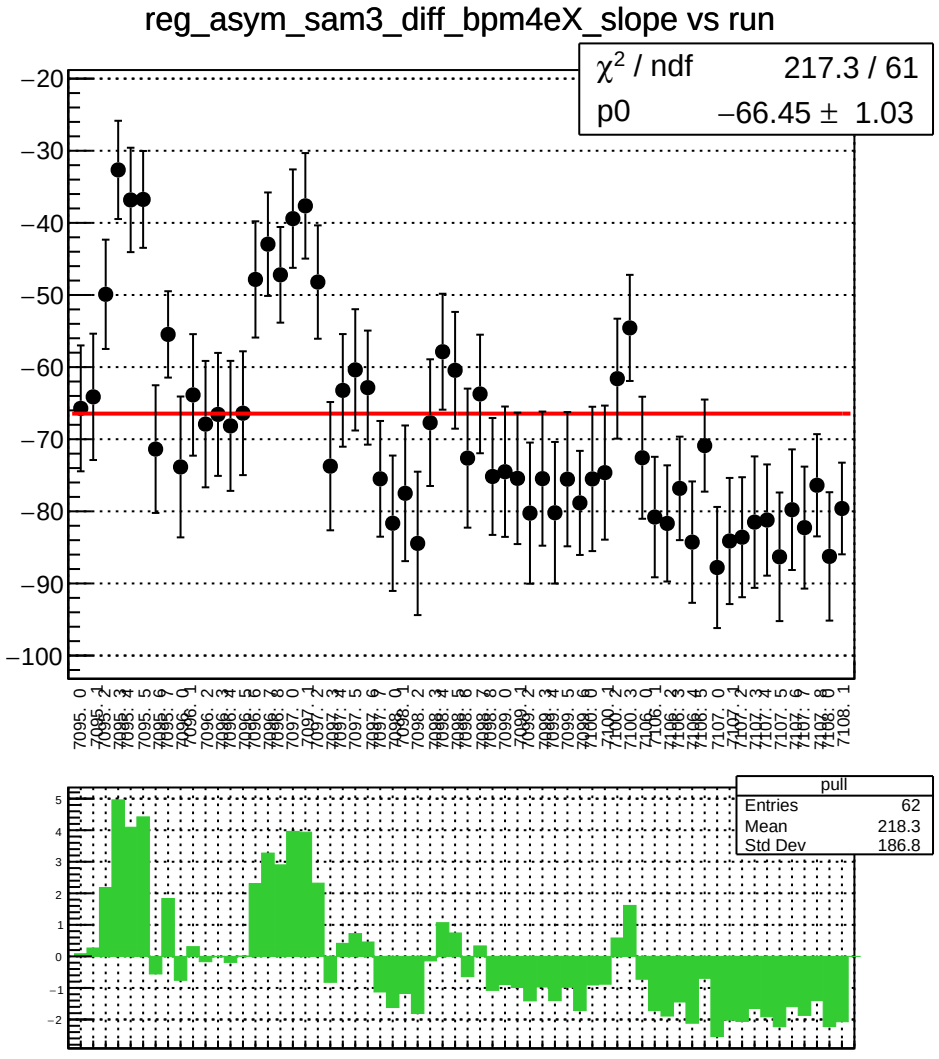

reg_asym_sam2_diff_bpm12X_slope vs run
χ² / ndf 10.95 / 61
p0 2.047 ± 0.09423
pull
Entries 62
Mean 805.8
Std Dev 782.9
pull1D
Entries 62
Mean 0.005247
Std Dev 0.4202

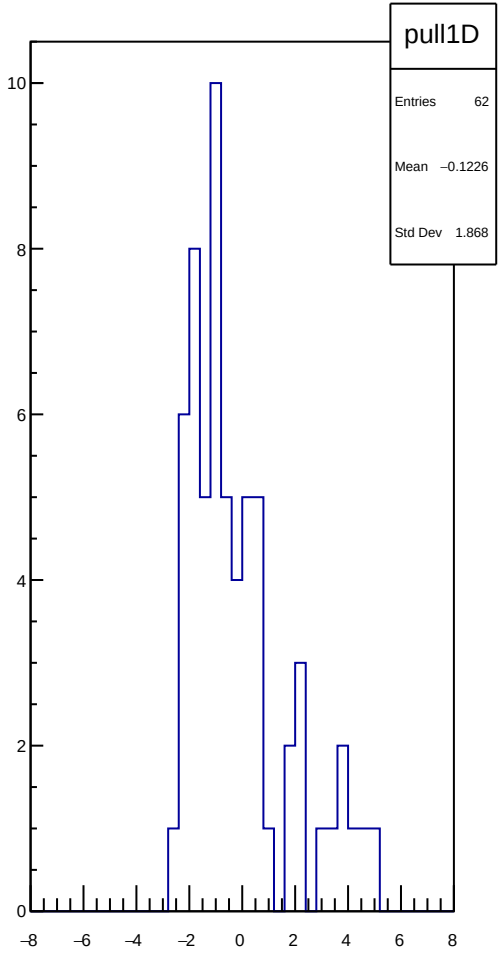

reg_asym_sam3_diff_bpm1X_slope vs run
χ² / ndf 312.5 / 61
p0 −46.34 ± 1.057
pull
Entries 62
Mean 246.2
Std Dev 215

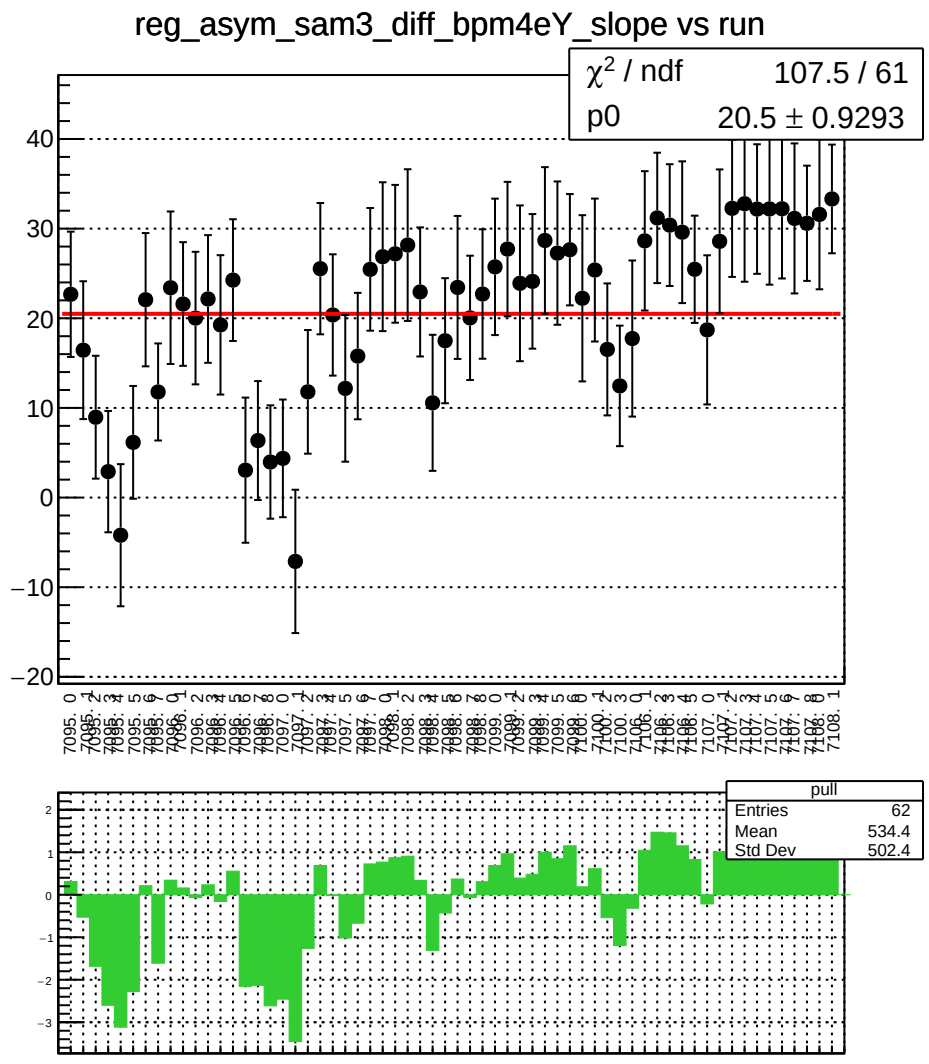

pull1D
Entries 62
Mean 0.121
Std Dev 2.242

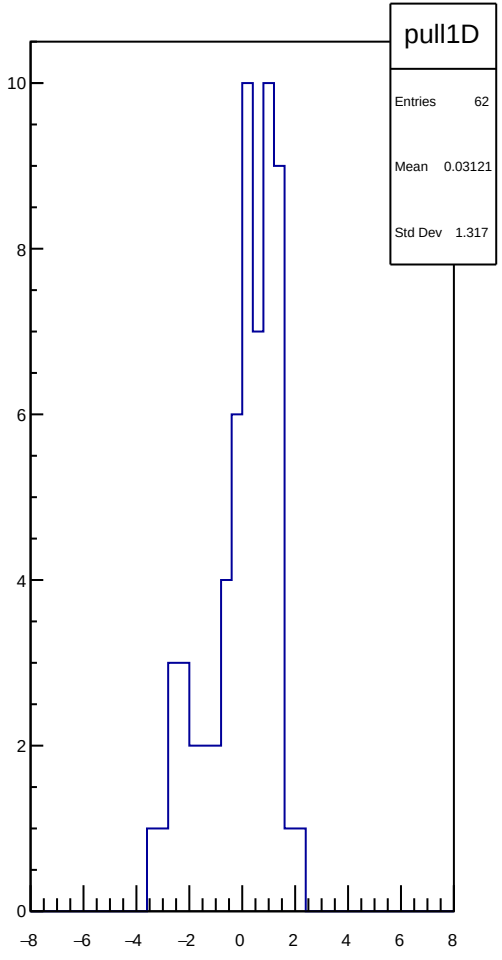

reg_asym_sam3_diff_bpm4aY_slope vs run
χ² / ndf 103.8 / 61
p0 1.763 ± 0.8683
pull
Entries 62
Mean 2454
Std Dev 2423

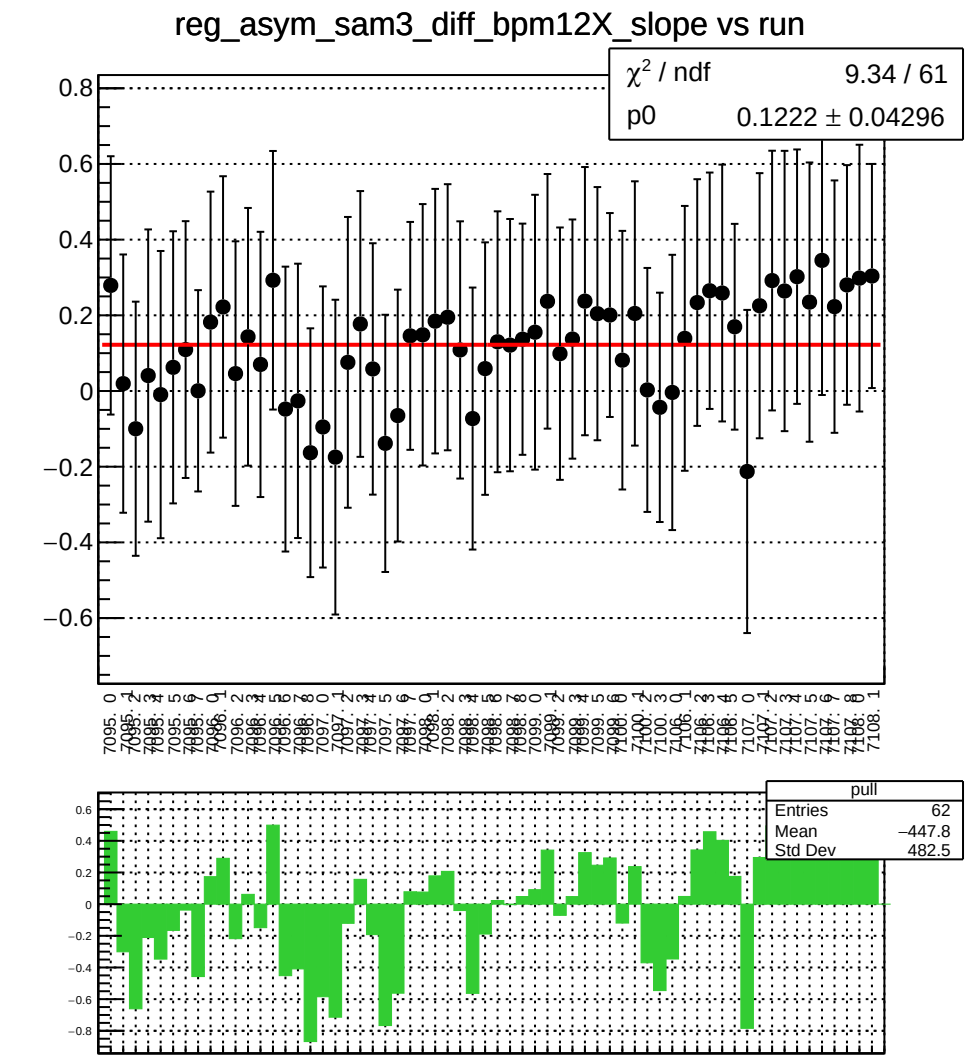

pull1D
Entries 62
Mean −0.006279
Std Dev 1.294

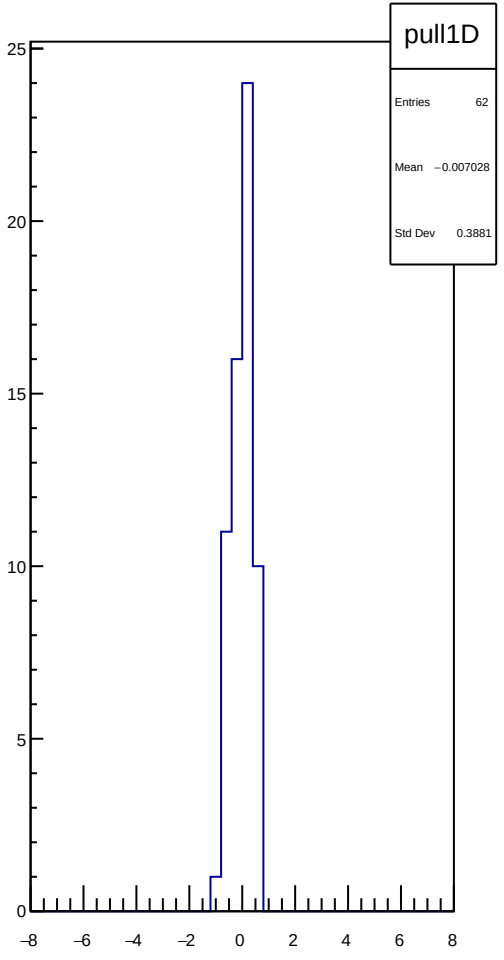

reg_asym_sam3_diff_bpm4eX_slope vs run
χ² / ndf 217.3 / 61
p0 −66.45 ± 1.03
pull
Entries 62
Mean 218.3
Std Dev 186.8

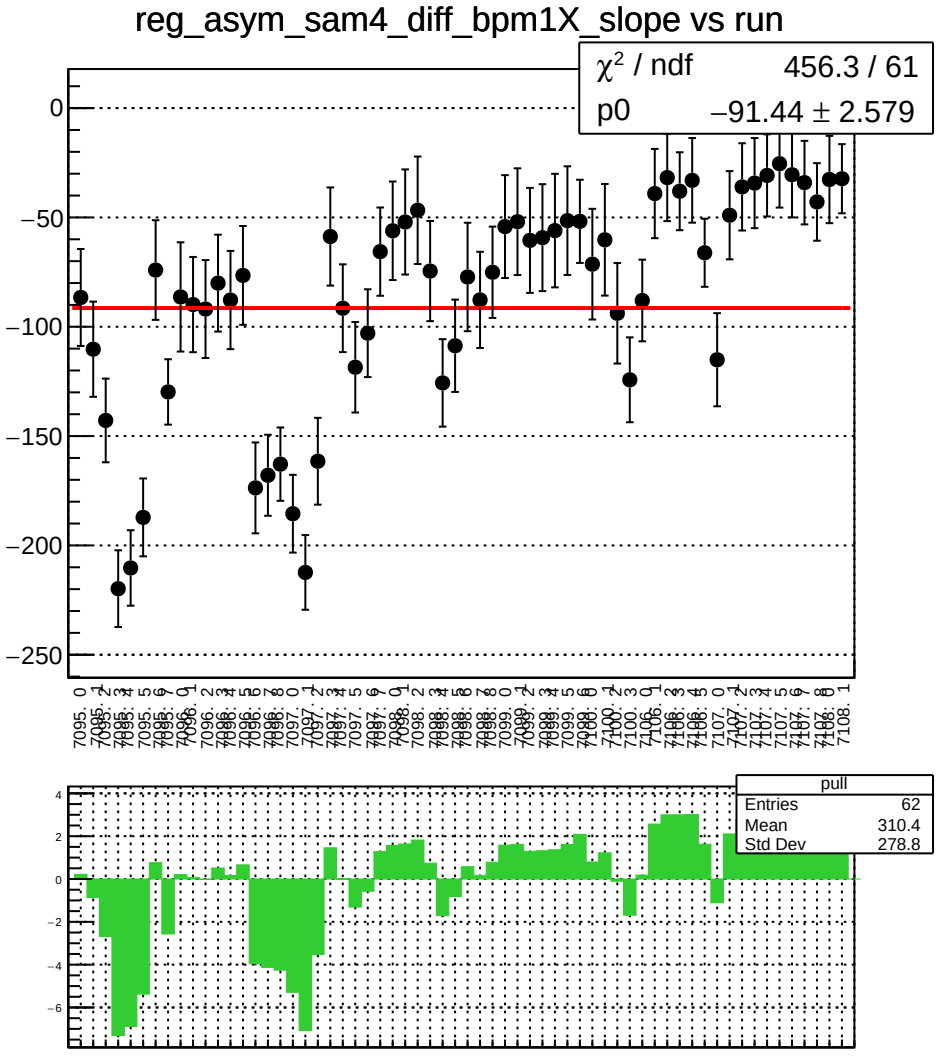

pull1D
Entries 62
Mean −0.1226
Std Dev 1.868

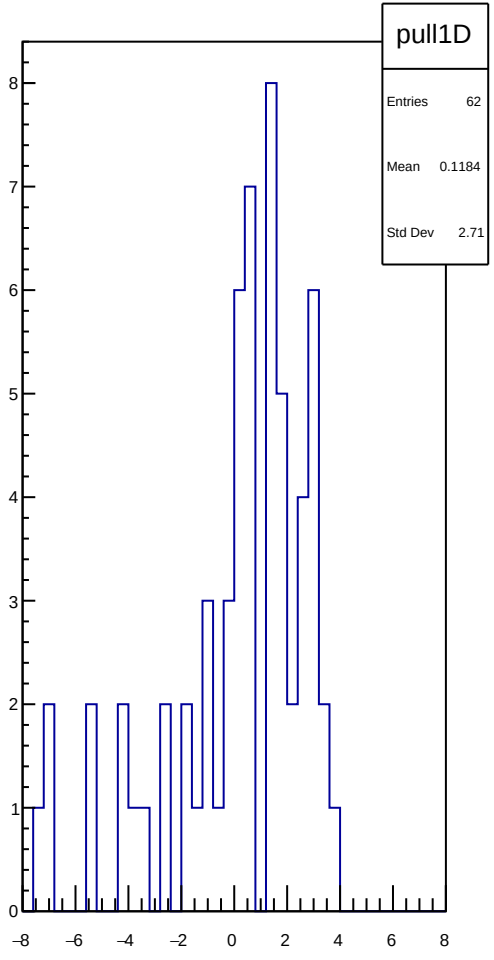

reg_asym_sam3_diff_bpm4eY_slope vs run
χ² / ndf 107.5 / 61
p0 20.5 ± 0.9293
pull
Entries 62
Mean 534.4
Std Dev 502.4

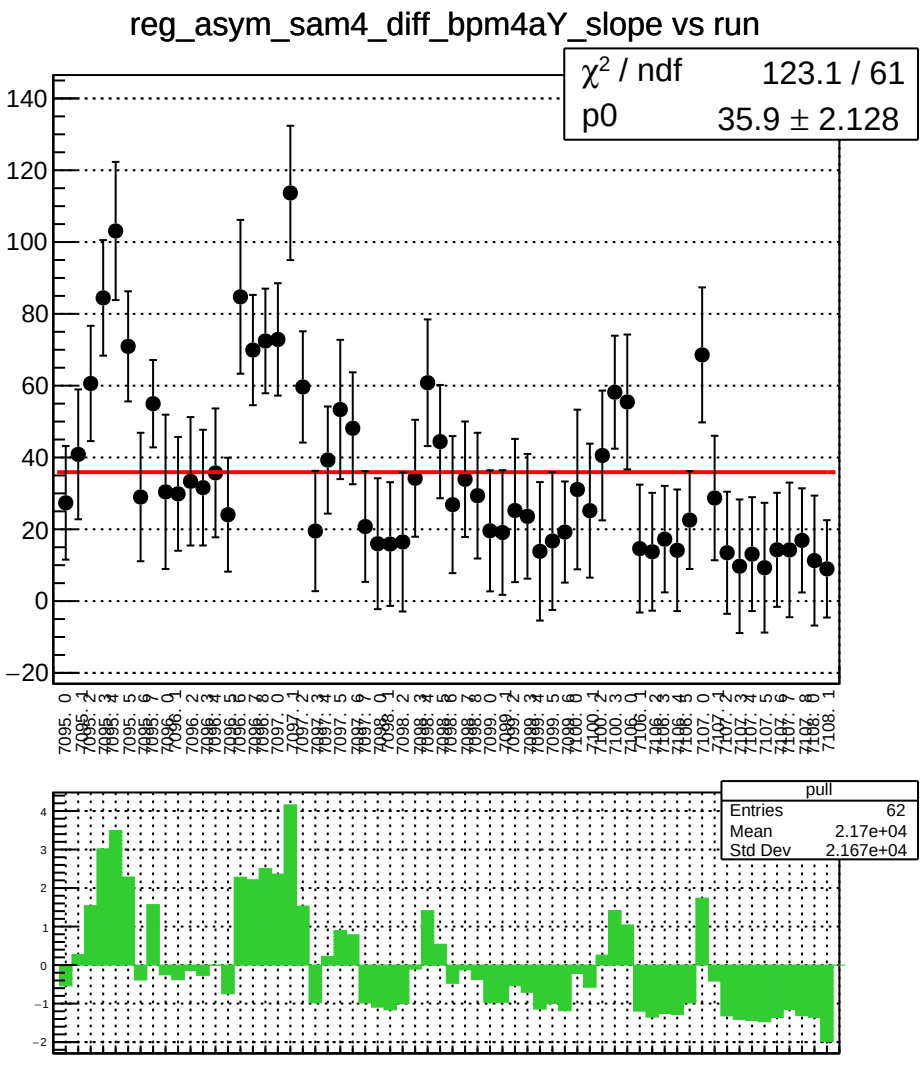

pull1D
Entries 62
Mean 0.03121
Std Dev 1.317

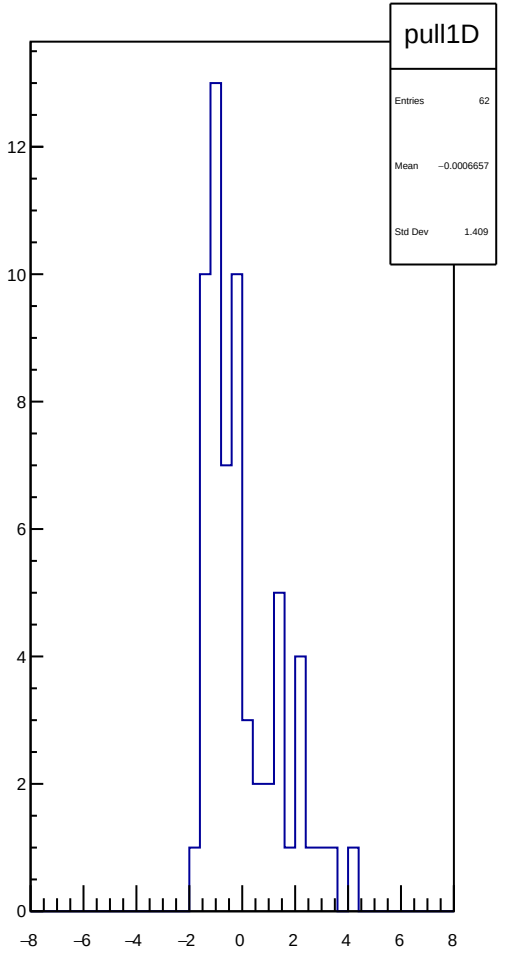

reg_asym_sam3_diff_bpm12X_slope vs run
χ² / ndf 9.34 / 61
p0 0.1222 ± 0.04296
pull
Entries 62
Mean −447.8
Std Dev 482.5

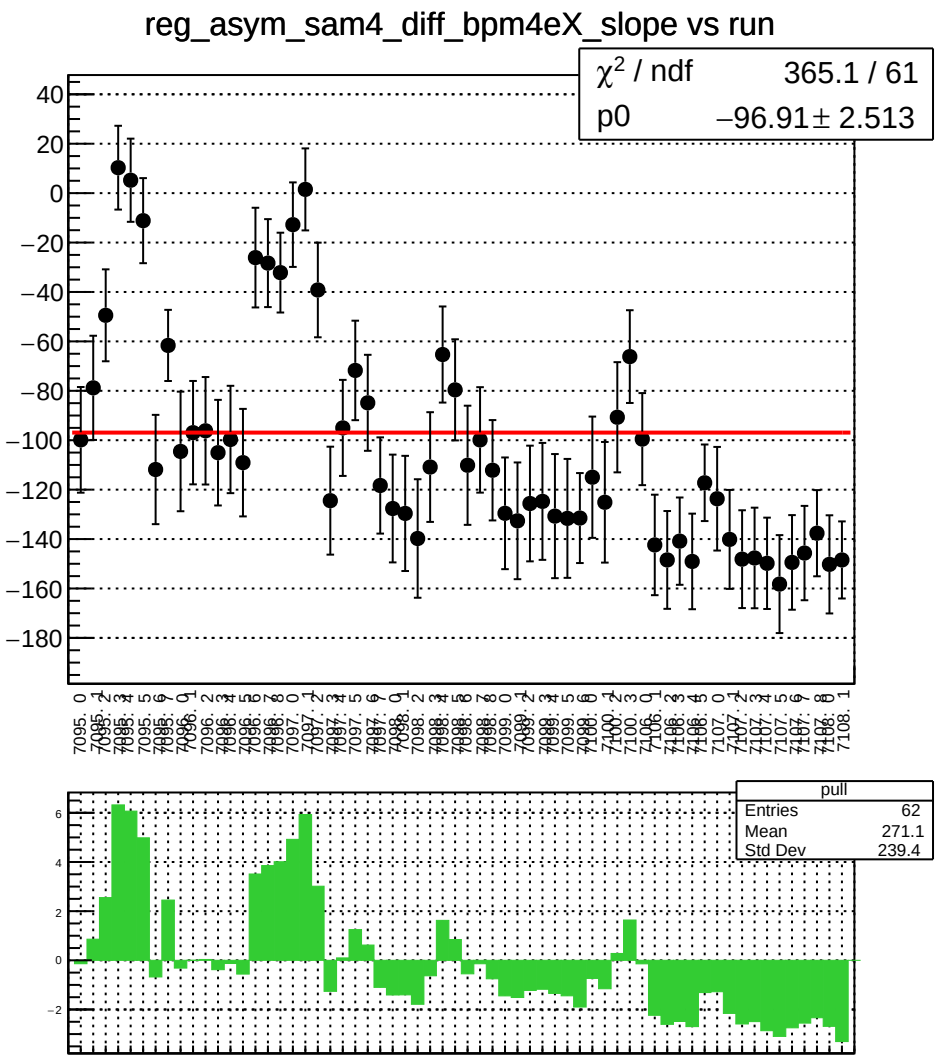

pull1D
Entries 62
Mean −0.007028
Std Dev 0.3881

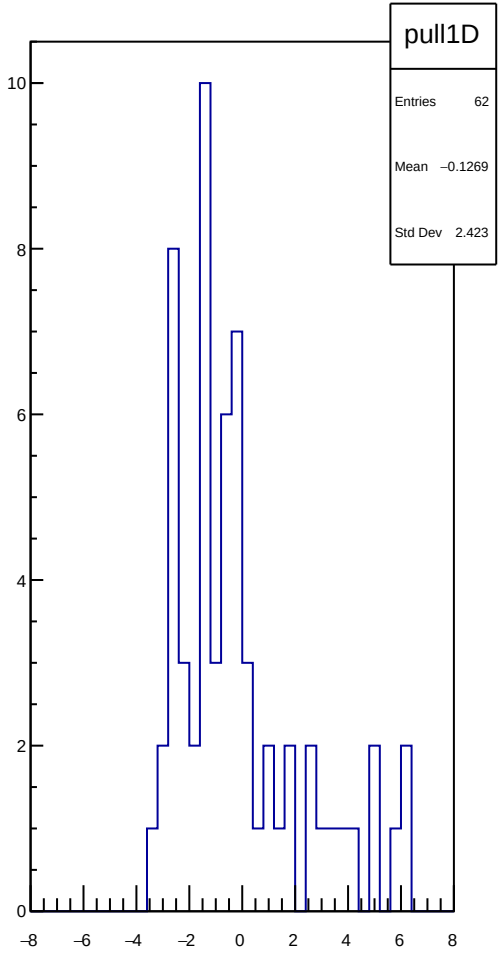

reg_asym_sam4_diff_bpm1X_slope vs run
χ² / ndf 456.3 / 61
p0 −91.44 ± 2.579
pull
Entries 62
Mean 310.4
Std Dev 278.8

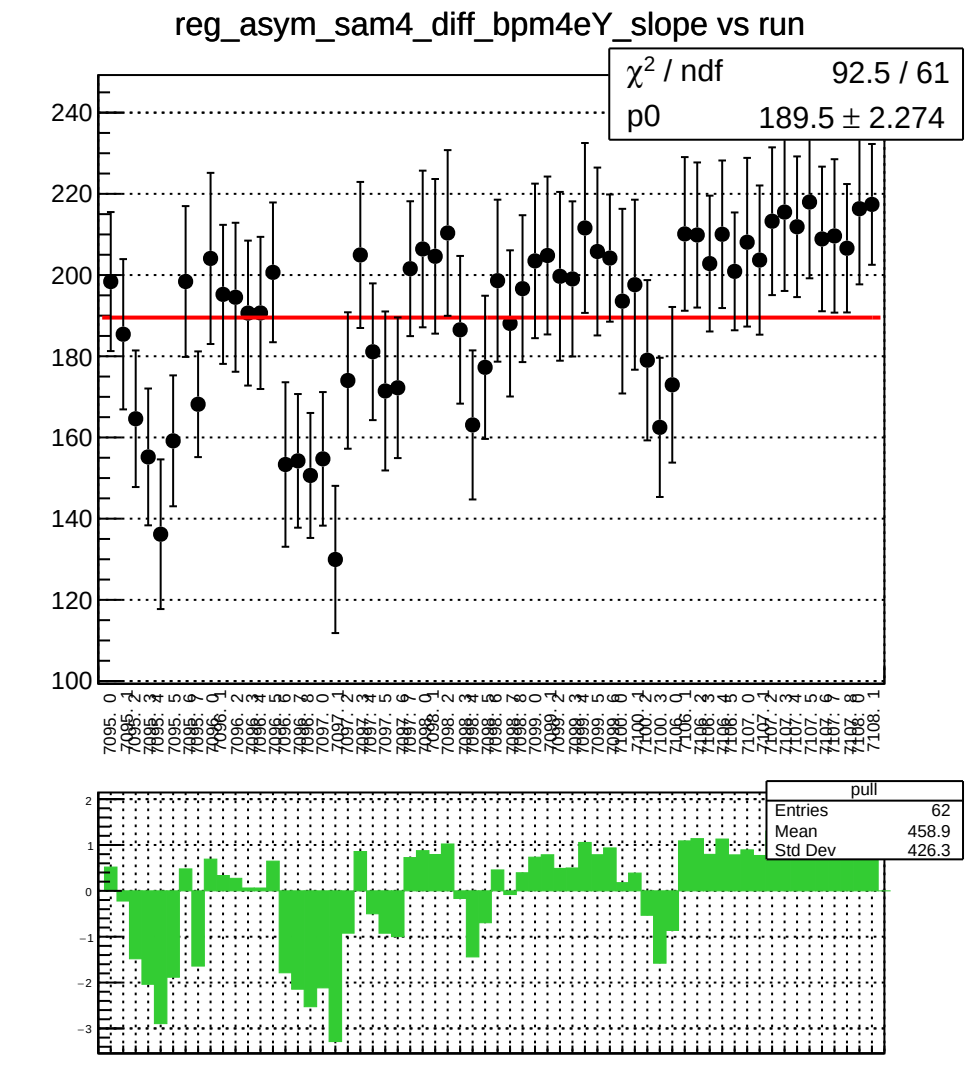

pull1D
Entries 62
Mean 0.1184
Std Dev 2.71

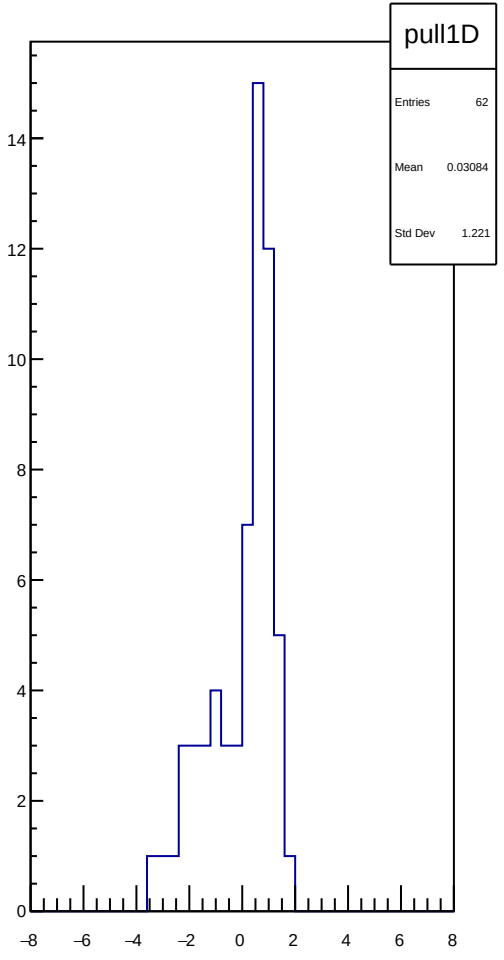

reg_asym_sam4_diff_bpm4aY_slope vs run
χ² / ndf 123.1 / 61
p0 35.9 ± 2.128
pull
Entries 62
Mean 2.17e+04
Std Dev 2.167e+04

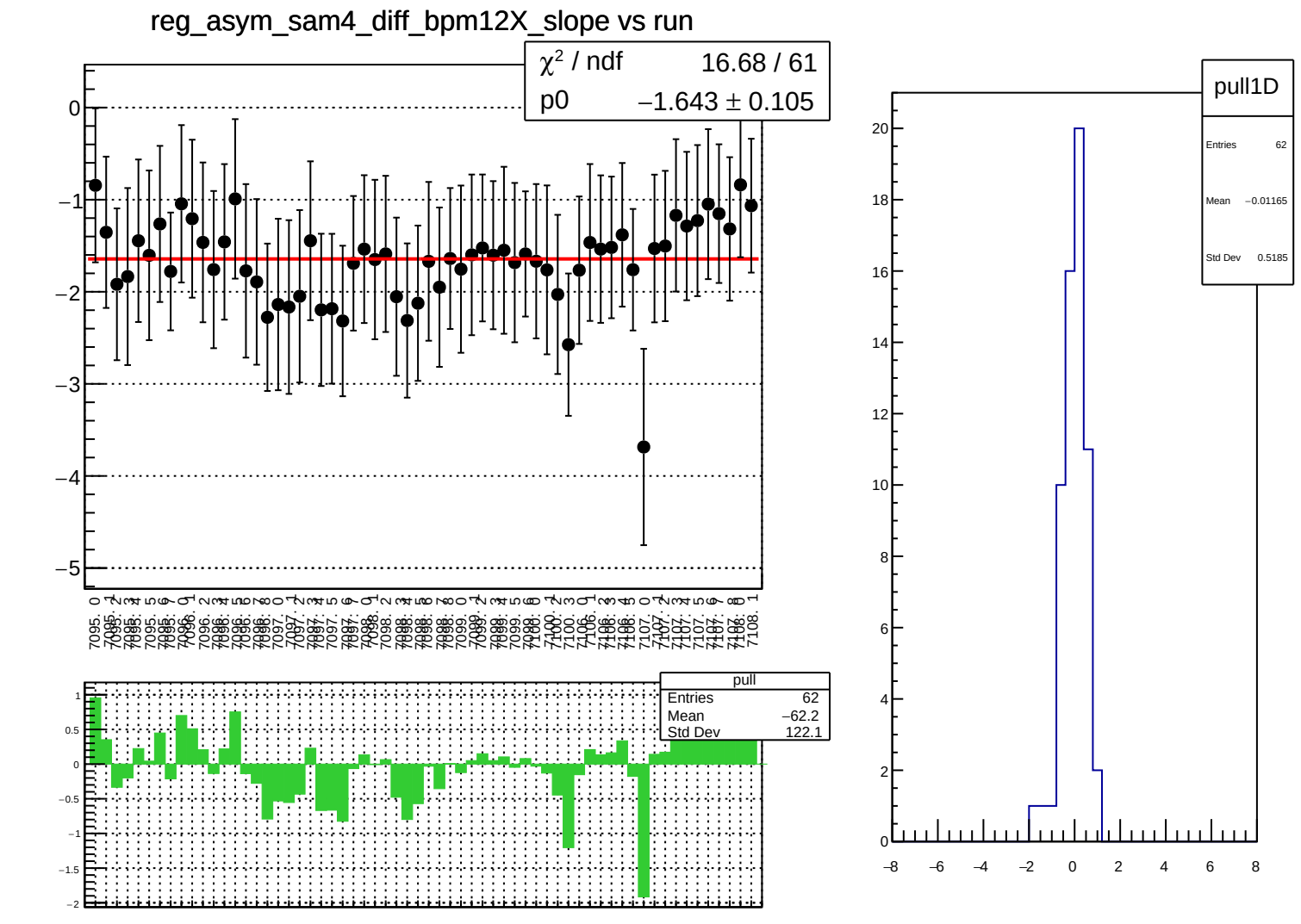

pull1D
Entries 62
Mean −0.0006657
Std Dev 1.409

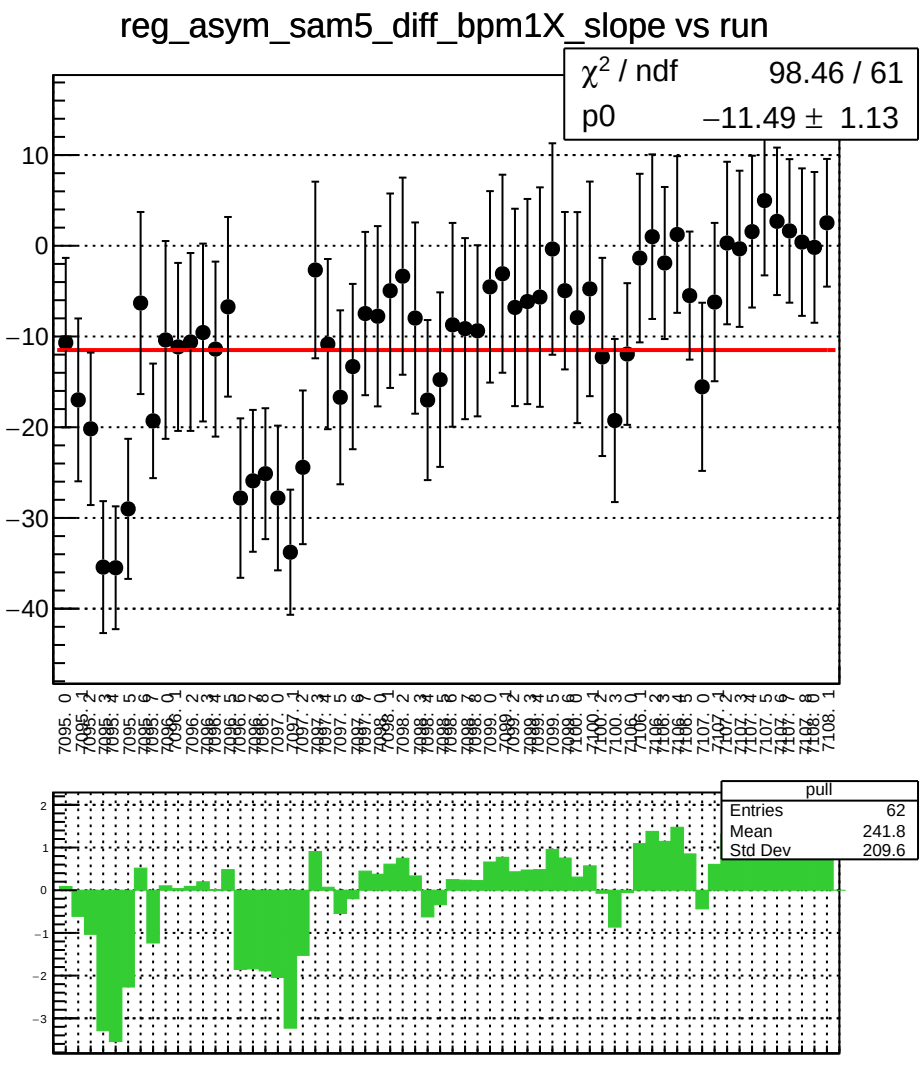

reg_asym_sam4_diff_bpm4eX_slope vs run
χ² / ndf 365.1 / 61
p0 −96.91 ± 2.513
pull
Entries 62
Mean 271.1
Std Dev 239.4

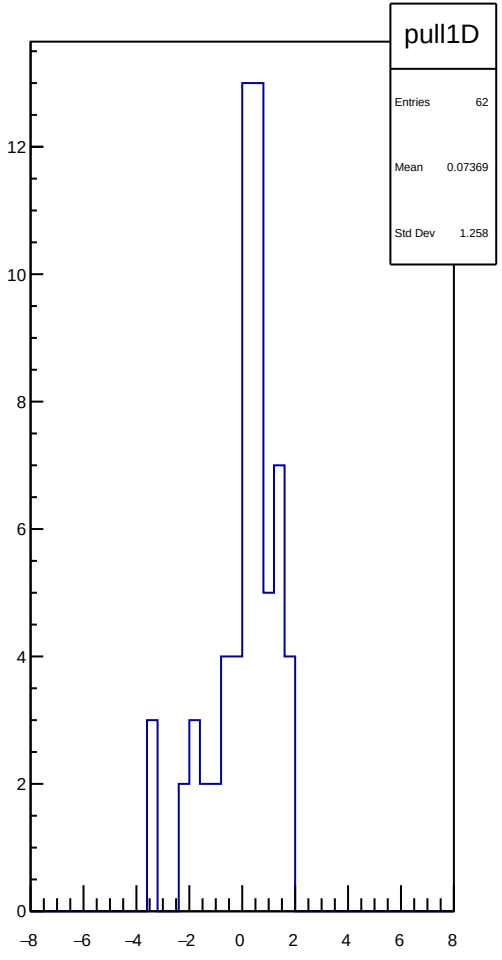

pull1D
Entries 62
Mean −0.1269
Std Dev 2.423

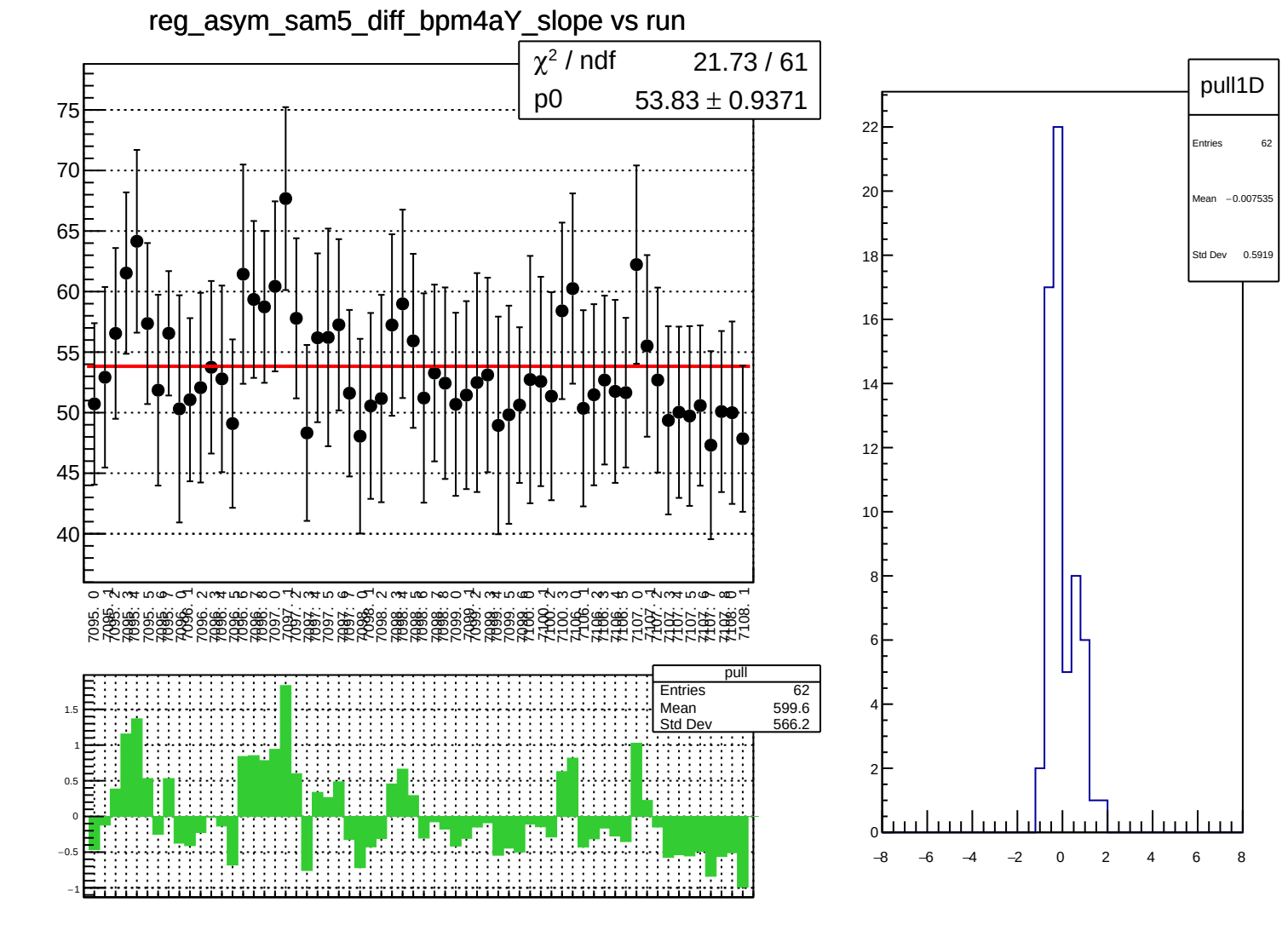

reg_asym_sam4_diff_bpm4eY_slope vs run
χ² / ndf 92.5 / 61
p0 189.5 ± 2.274
pull
Entries 62
Mean 458.9
Std Dev 426.3

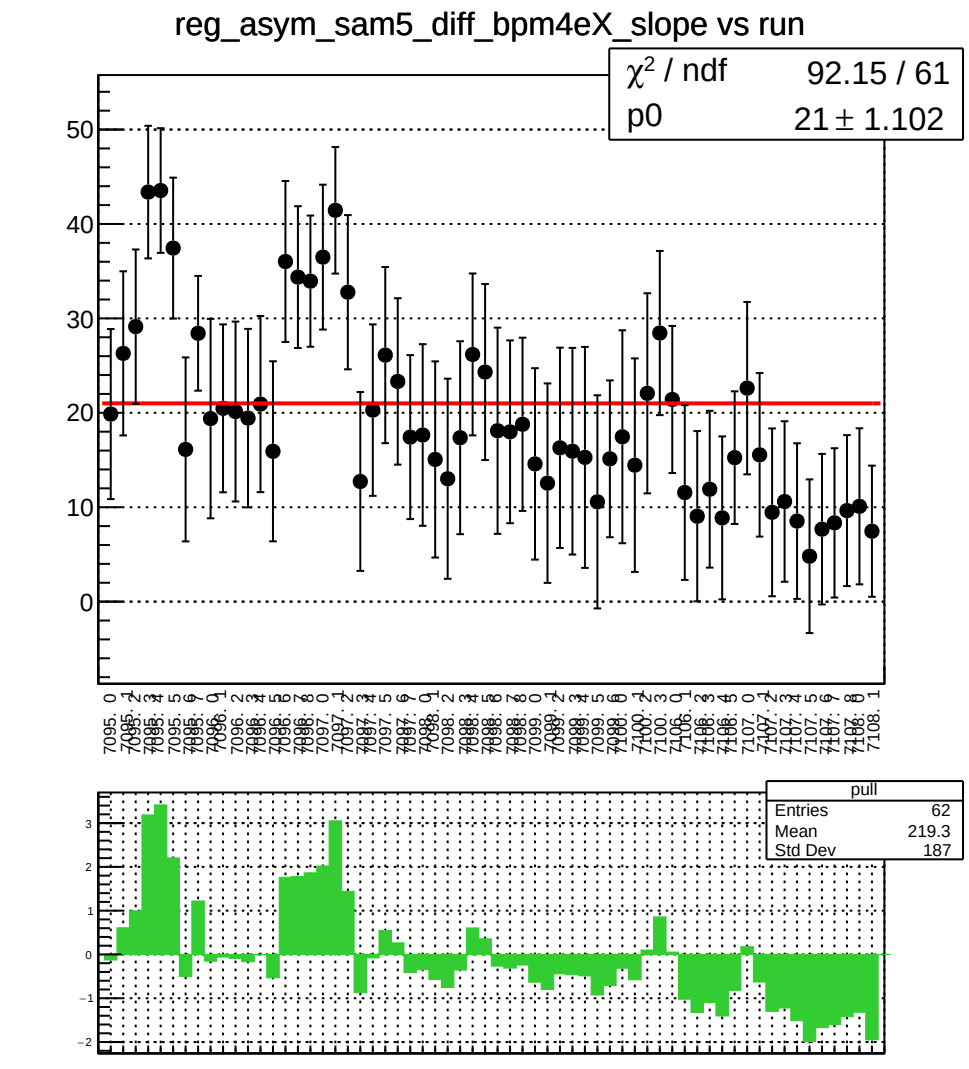

pull1D
Entries 62
Mean 0.03084
Std Dev 1.221

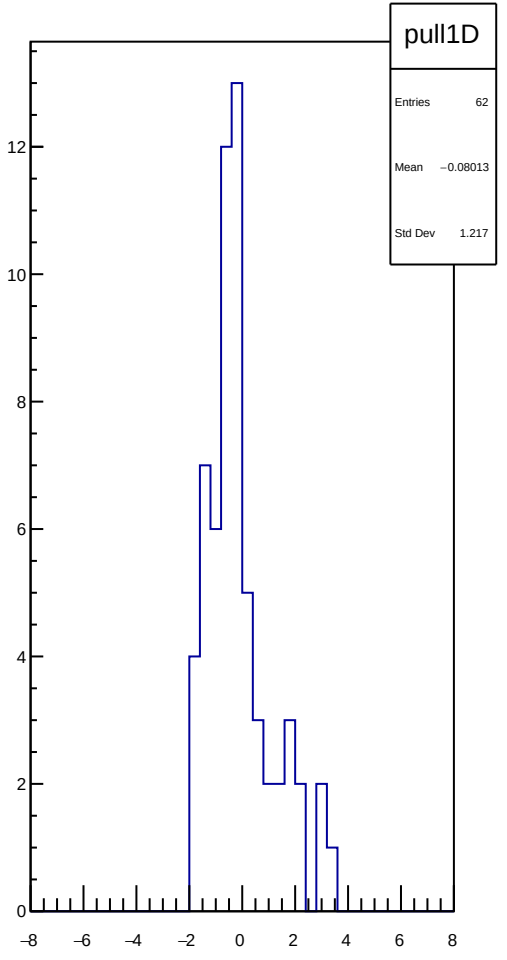

reg_asym_sam4_diff_bpm12X_slope vs run
χ² / ndf 16.68 / 61
p0 −1.643 ± 0.105
pull
Entries 62
Mean −62.2
Std Dev 122.1
pull1D
Entries 62
Mean −0.01165
Std Dev 0.5185

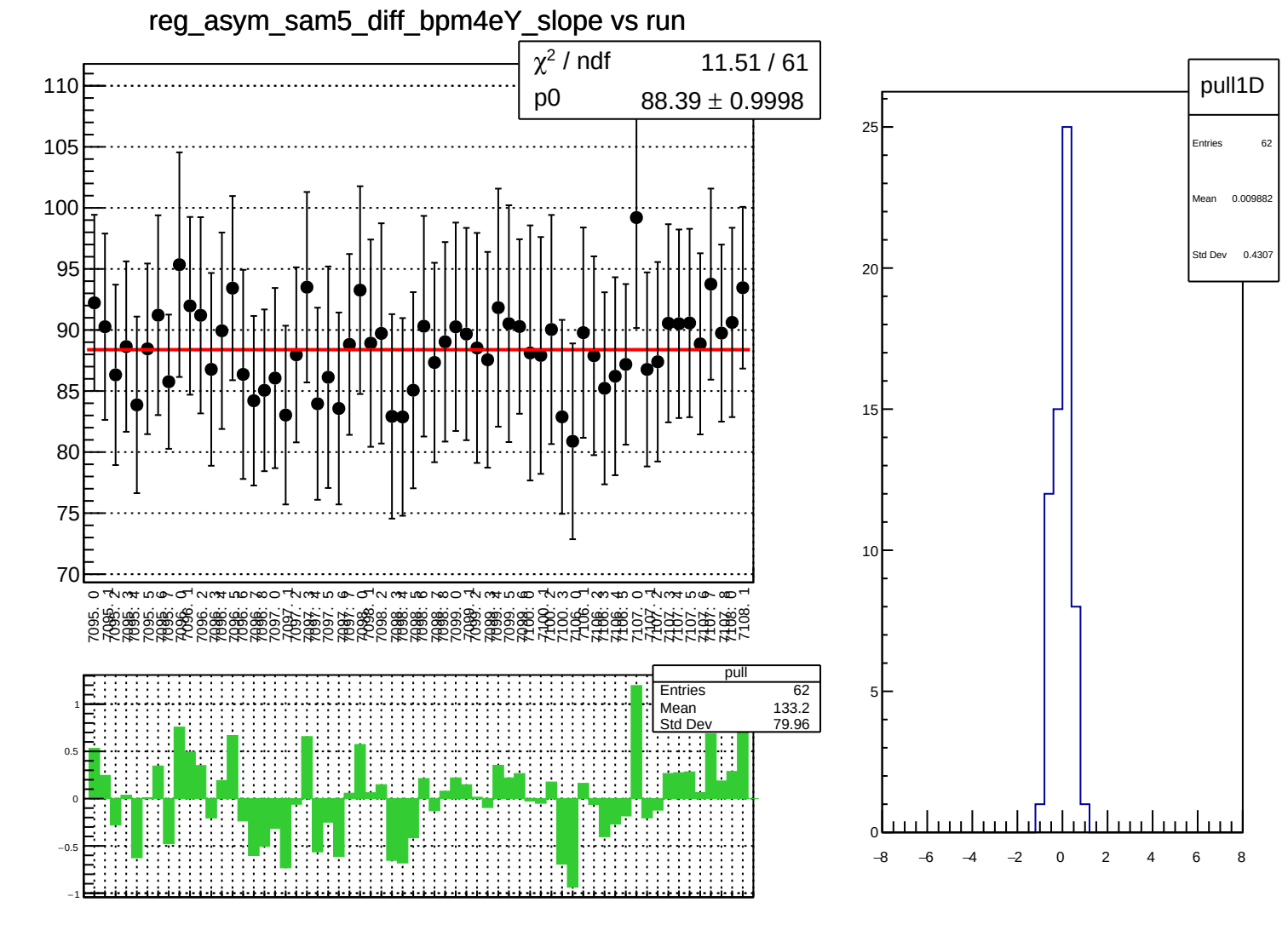

reg_asym_sam5_diff_bpm1X_slope vs run
χ² / ndf 98.46 / 61
p0 −11.49 ± 1.13
pull
Entries 62
Mean 241.8
Std Dev 209.6

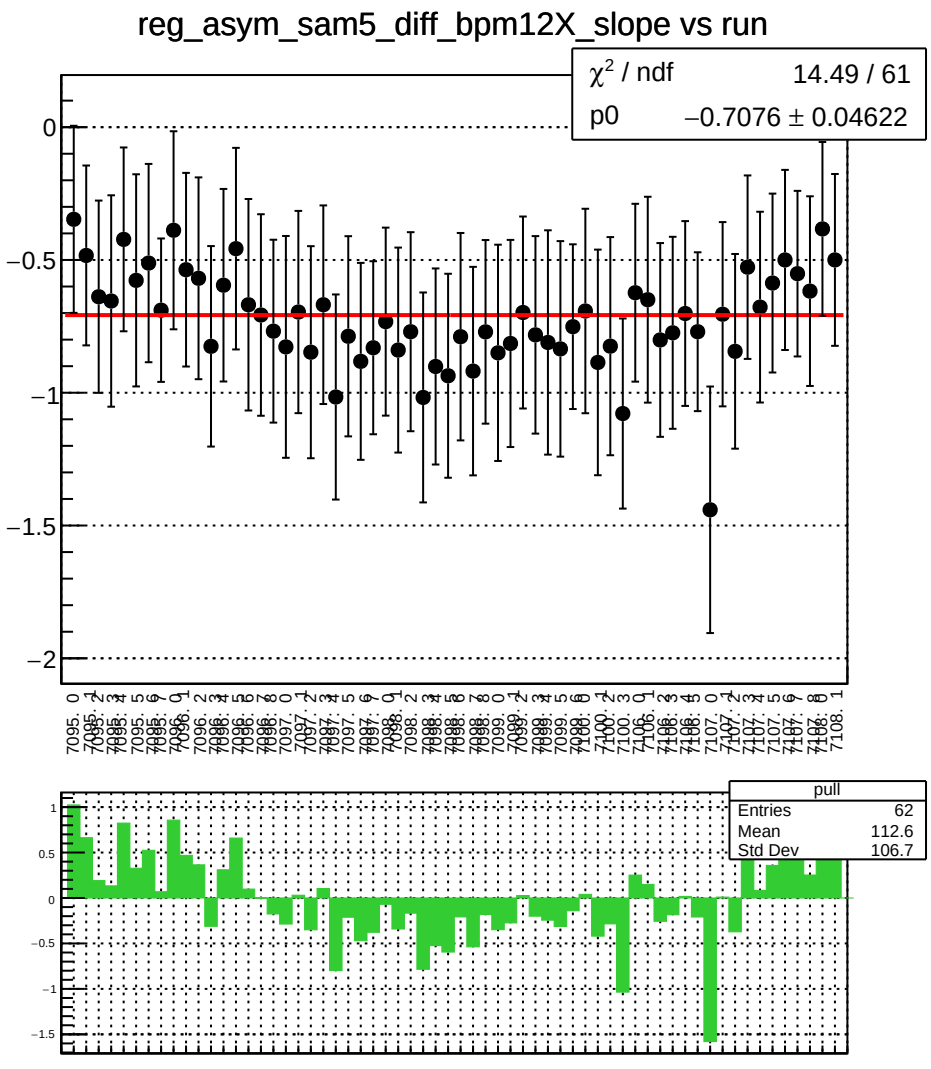

pull1D
Entries 62
Mean 0.07369
Std Dev 1.258

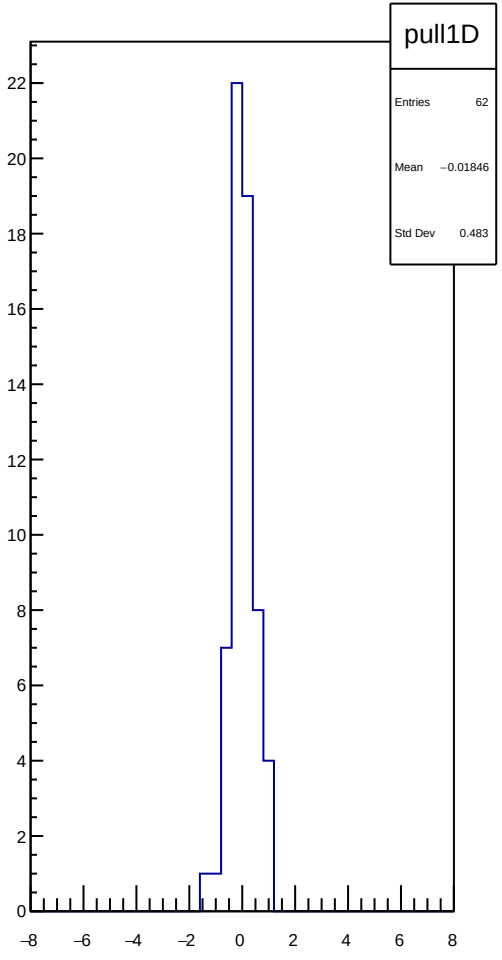

reg_asym_sam5_diff_bpm4aY_slope vs run
χ² / ndf 21.73 / 61
p0 53.83 ± 0.9371
pull
Entries 62
Mean 599.6
Std Dev 566.2
pull1D
Entries 62
Mean −0.007535
Std Dev 0.5919

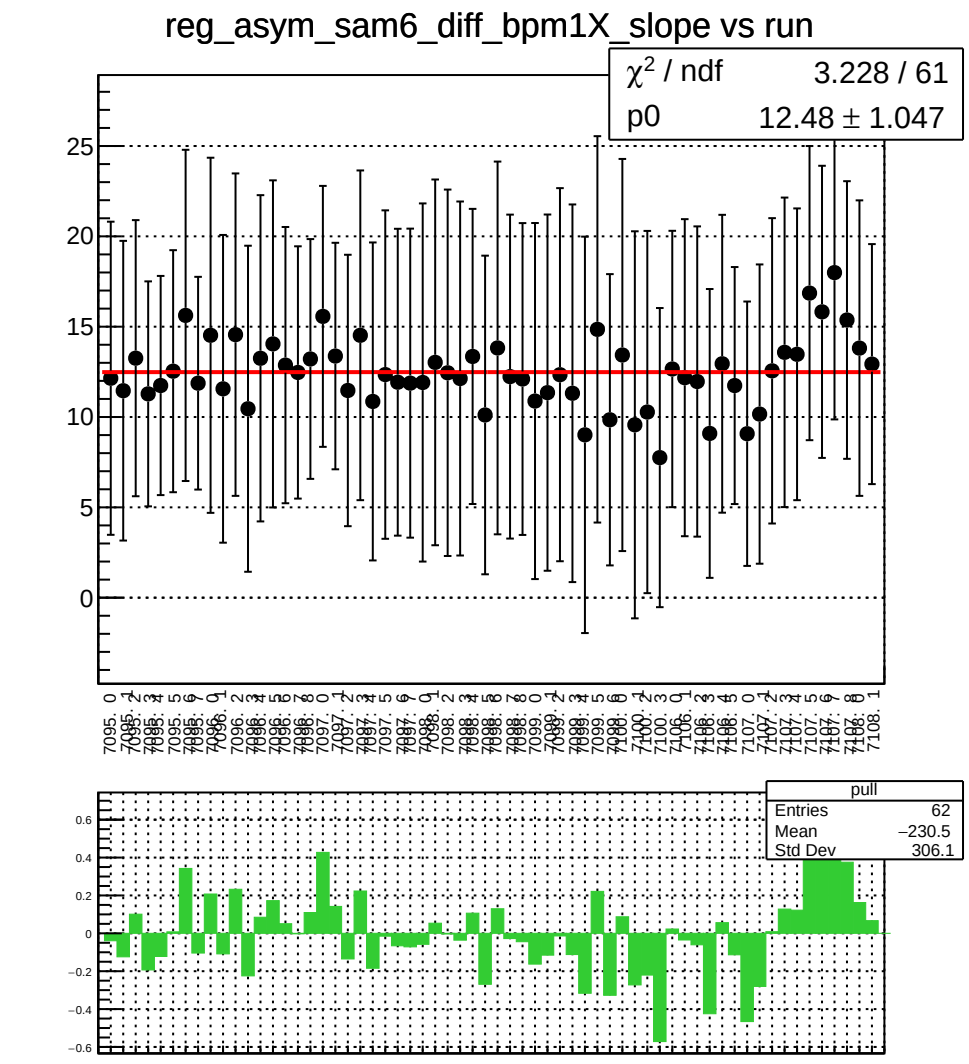

reg_asym_sam5_diff_bpm4eX_slope vs run
χ² / ndf 92.15 / 61
p0 21 ± 1.102
pull
Entries 62
Mean 219.3
Std Dev 187

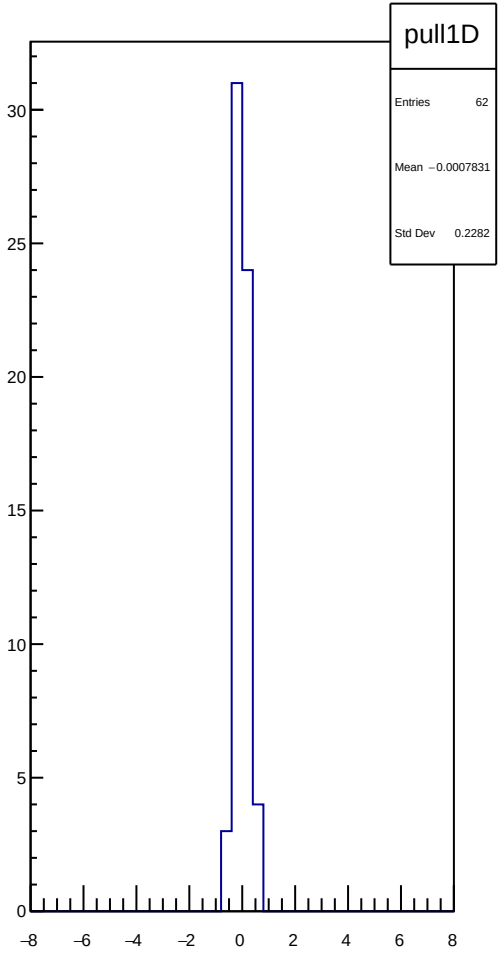

pull1D
Entries 62
Mean −0.08013
Std Dev 1.217

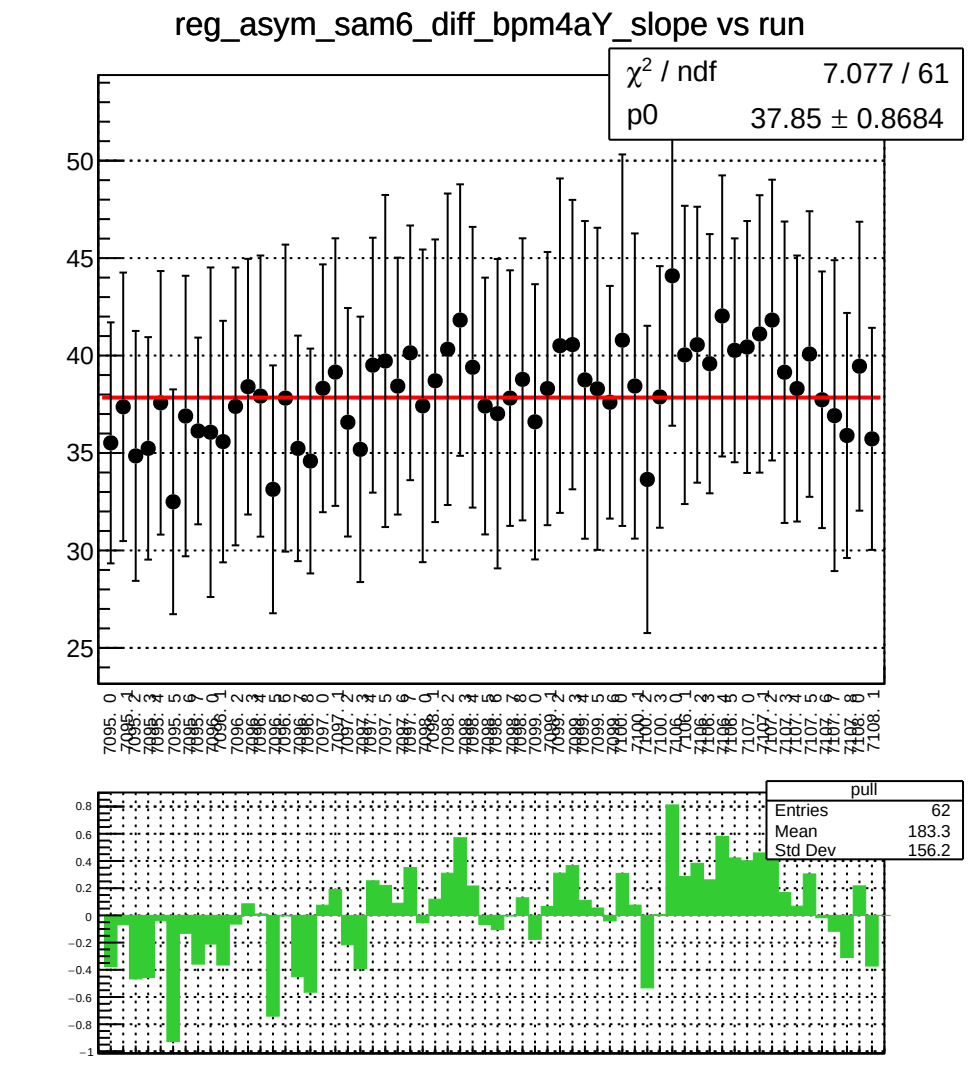

reg_asym_sam5_diff_bpm4eY_slope vs run
χ² / ndf 11.51 / 61
p0 88.39 ± 0.9998
pull
Entries 62
Mean 133.2
Std Dev 79.96
pull1D
Entries 62
Mean 0.009882
Std Dev 0.4307

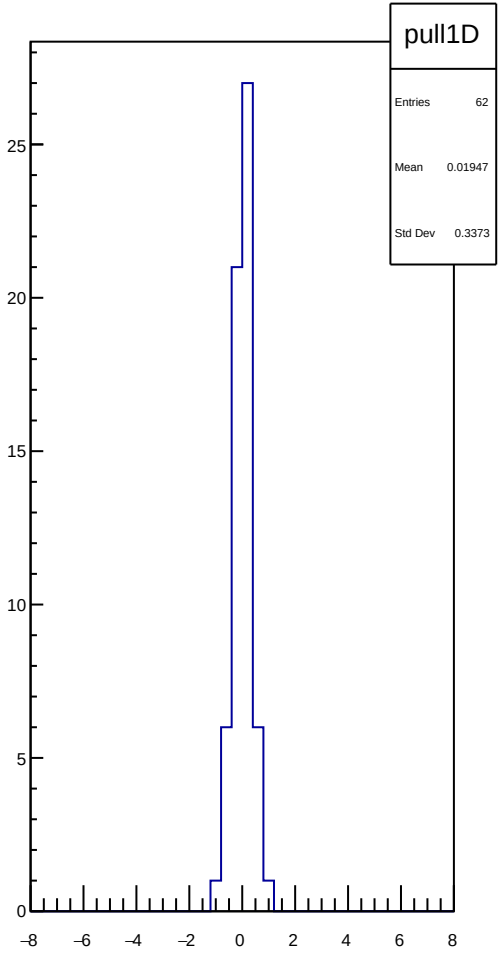

reg_asym_sam5_diff_bpm12X_slope vs run
χ² / ndf 14.49 / 61
p0 −0.7076 ± 0.04622
pull
Entries 62
Mean 112.6
Std Dev 106.7

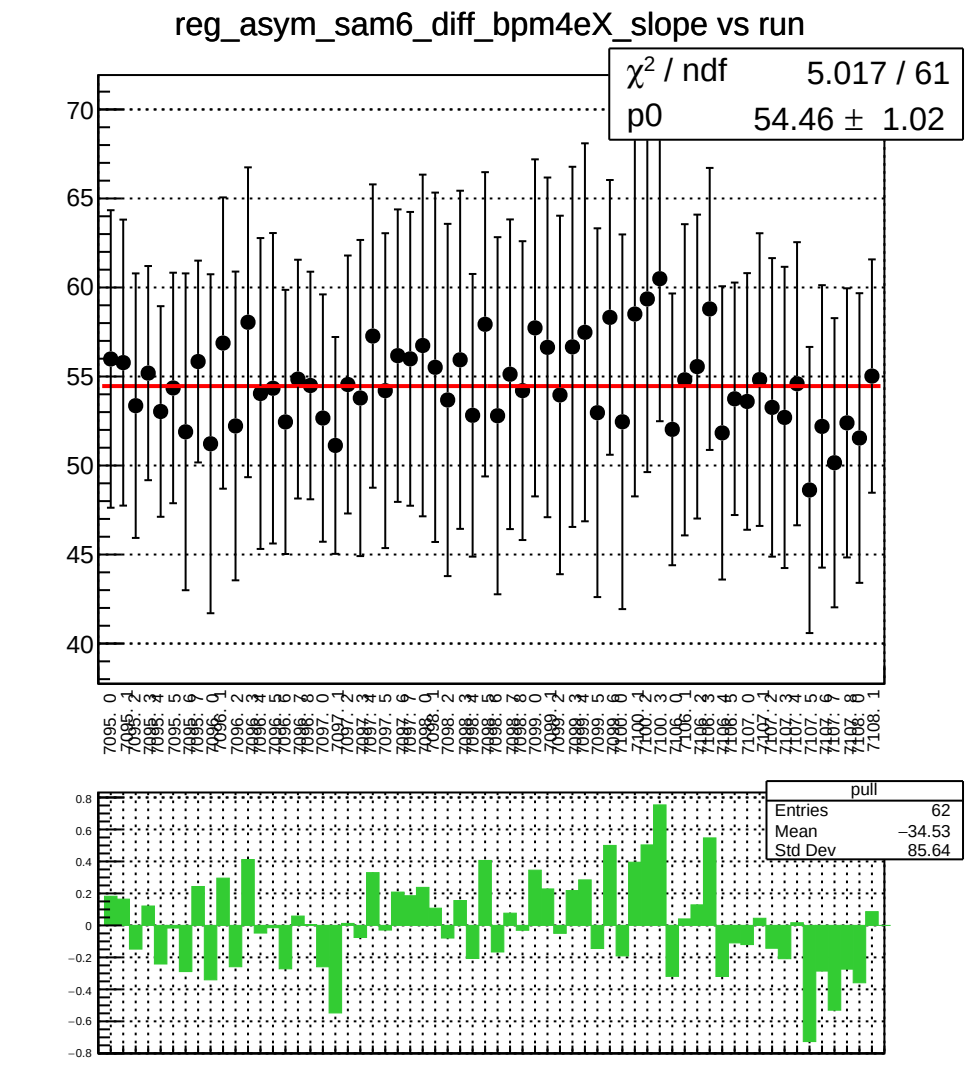

pull1D
Entries 62
Mean −0.01846
Std Dev 0.483

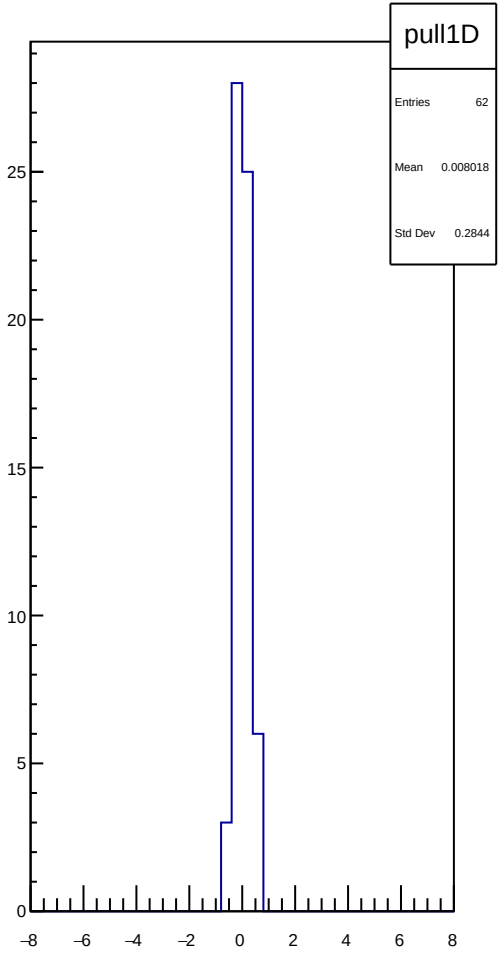

reg_asym_sam6_diff_bpm1X_slope vs run
χ² / ndf 3.228 / 61
p0 12.48 ± 1.047
pull
Entries 62
Mean −230.5
Std Dev 306.1

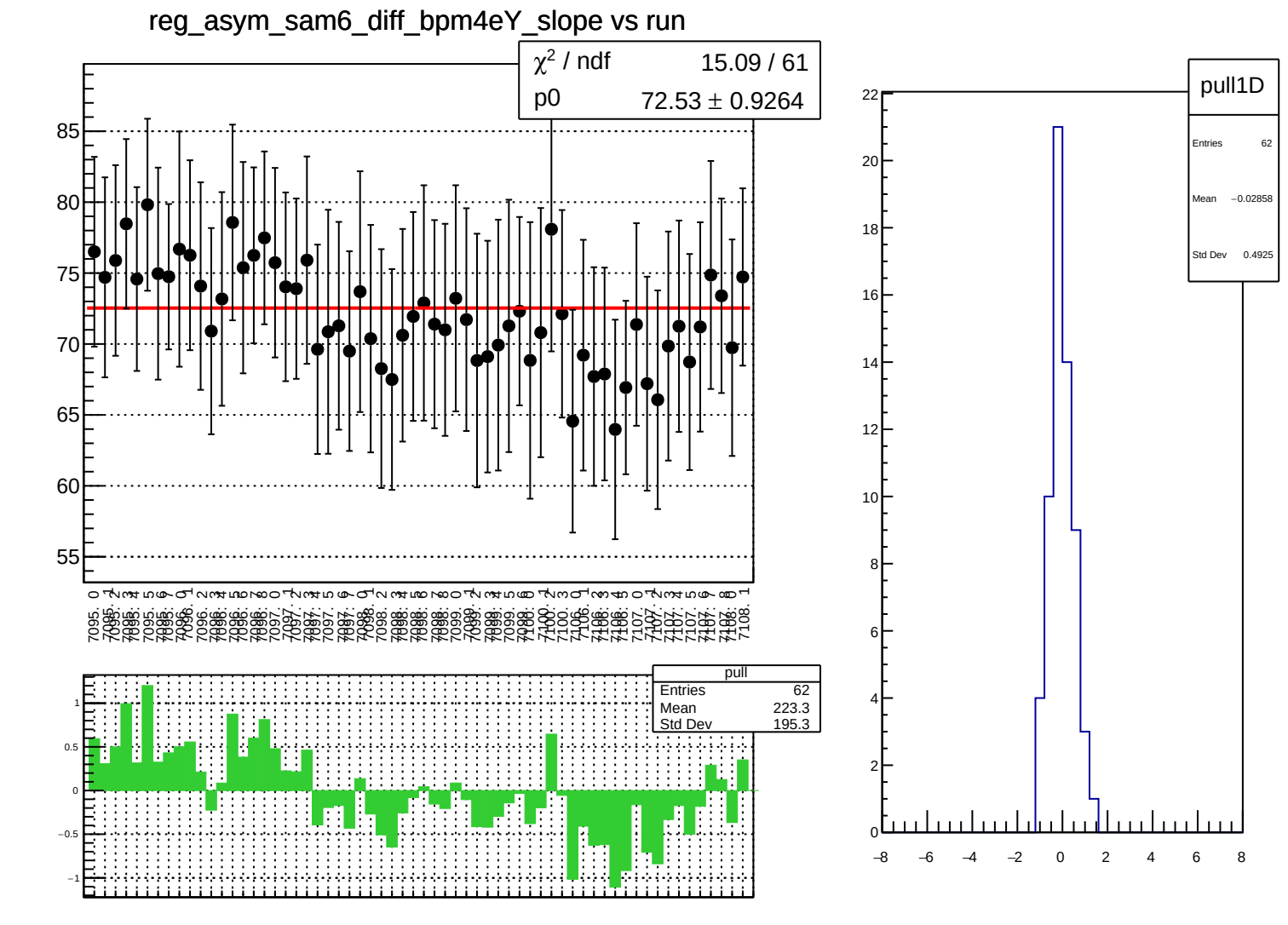

pull1D
Entries 62
Mean −0.0007831
Std Dev 0.2282

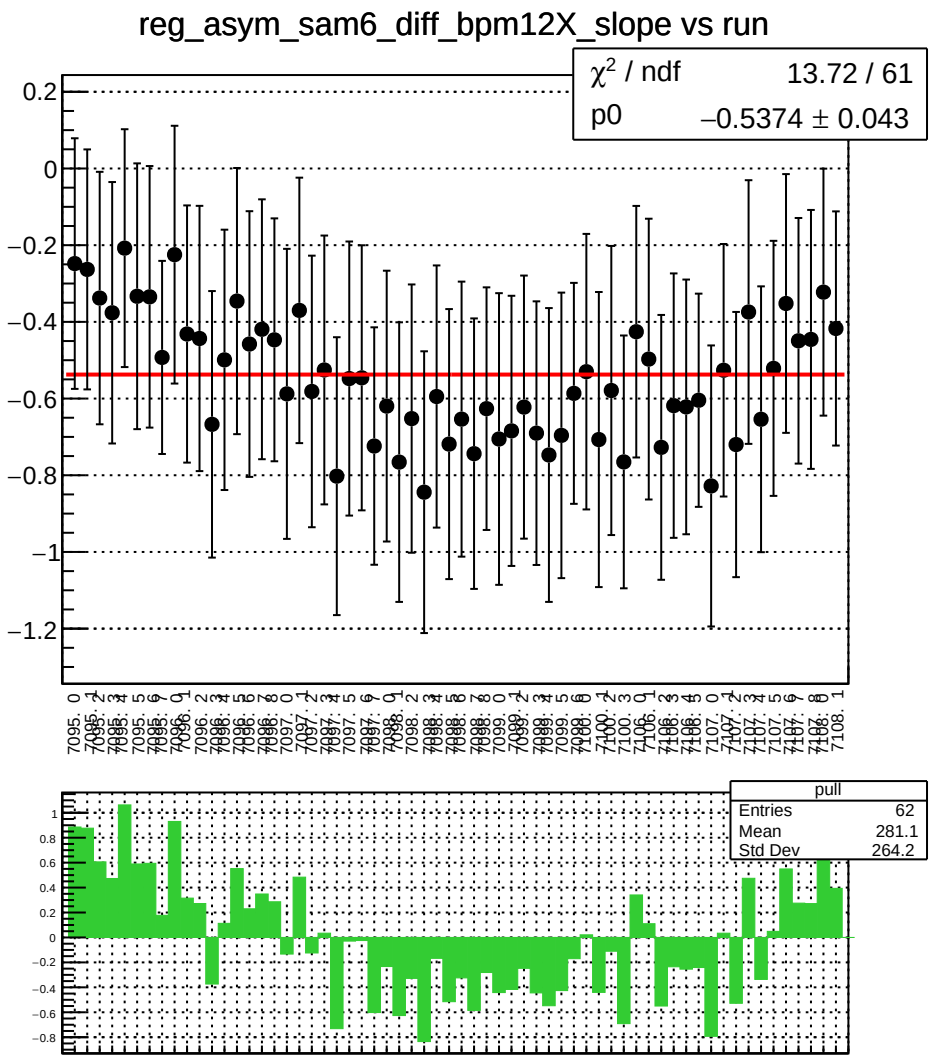

reg_asym_sam6_diff_bpm4aY_slope vs run
χ² / ndf 7.077 / 61
p0 37.85 ± 0.8684
pull
Entries 62
Mean 183.3
Std Dev 156.2

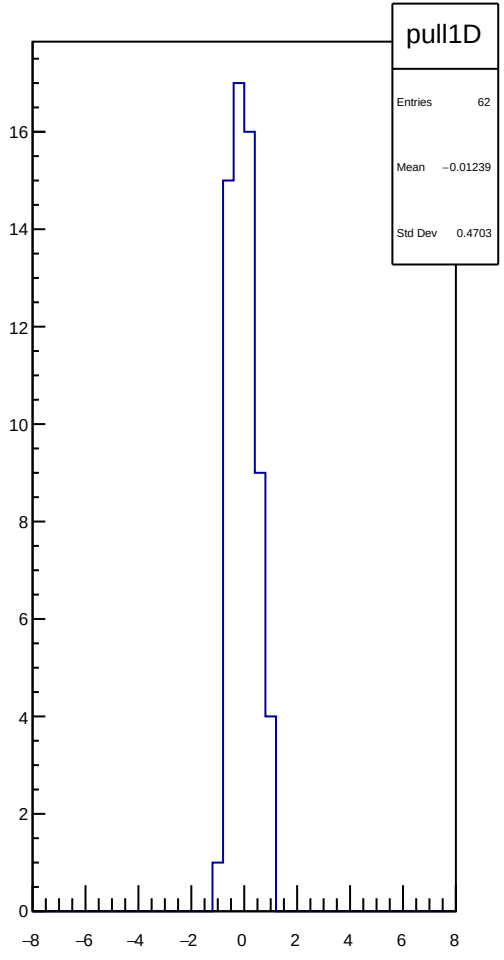

pull1D
Entries 62
Mean 0.01947
Std Dev 0.3373

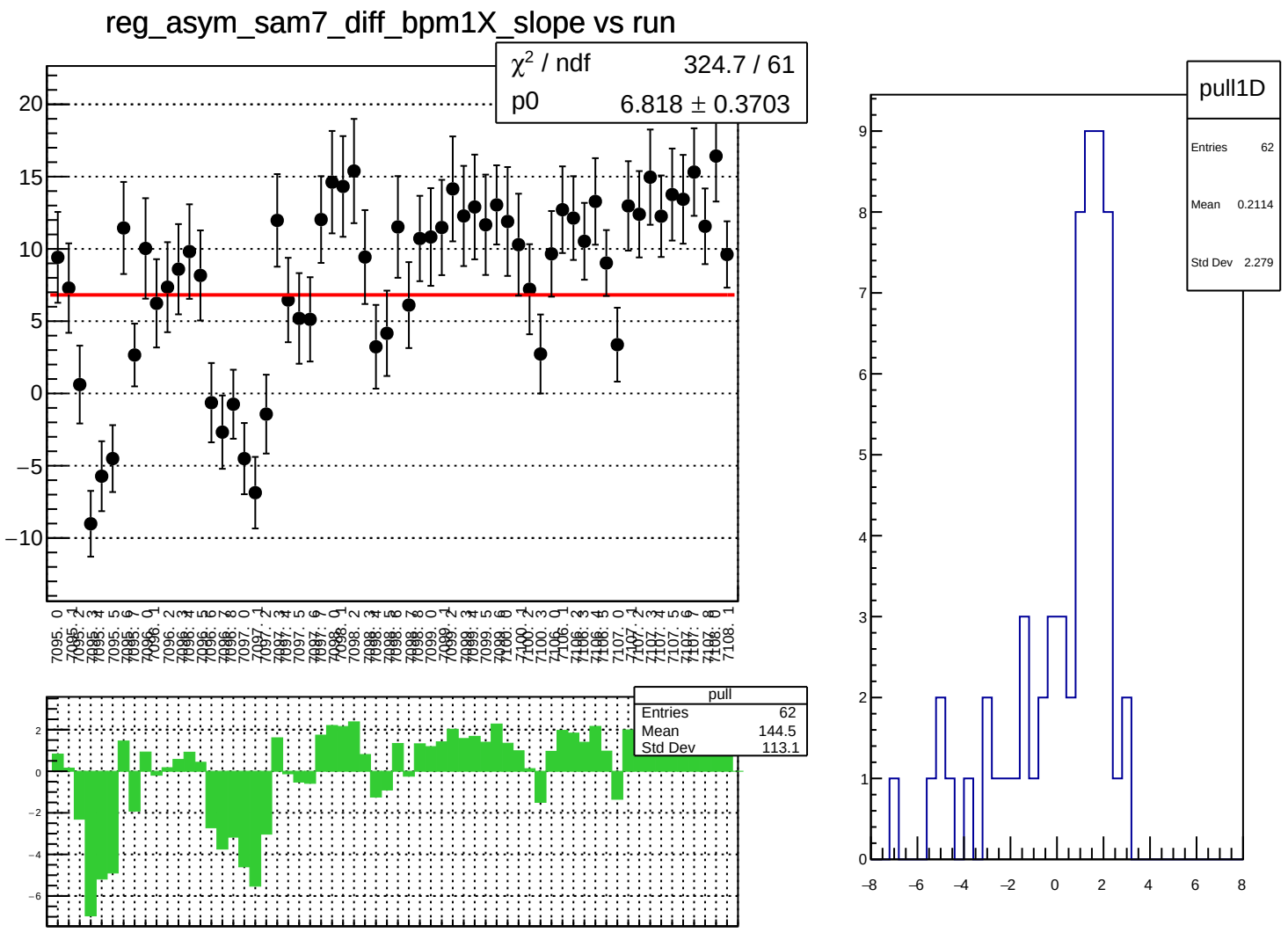

reg_asym_sam6_diff_bpm4eX_slope vs run
χ² / ndf 5.017 / 61
p0 54.46 ± 1.02
pull
Entries 62
Mean −34.53
Std Dev 85.64

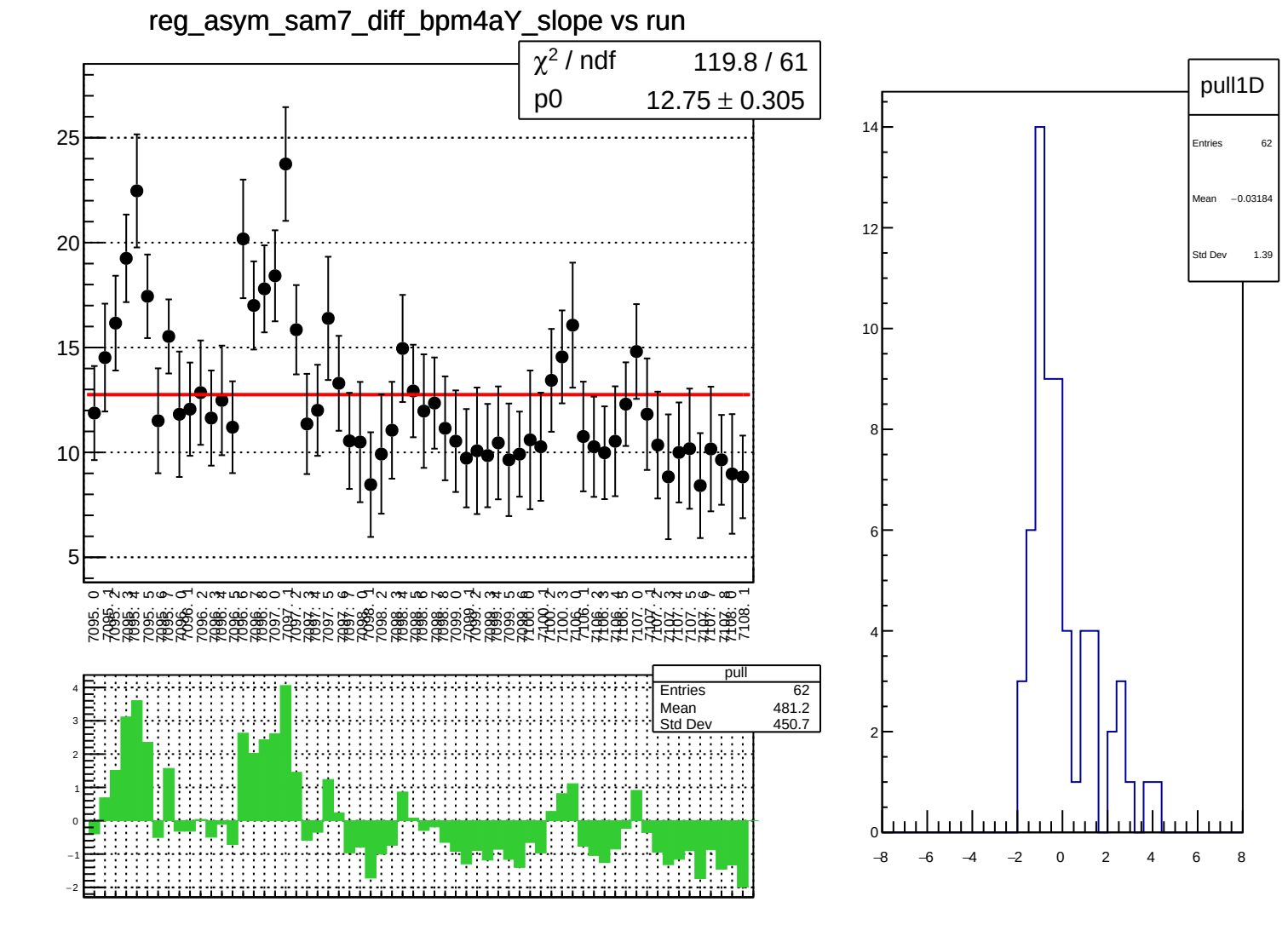

pull1D
Entries 62
Mean 0.008018
Std Dev 0.2844

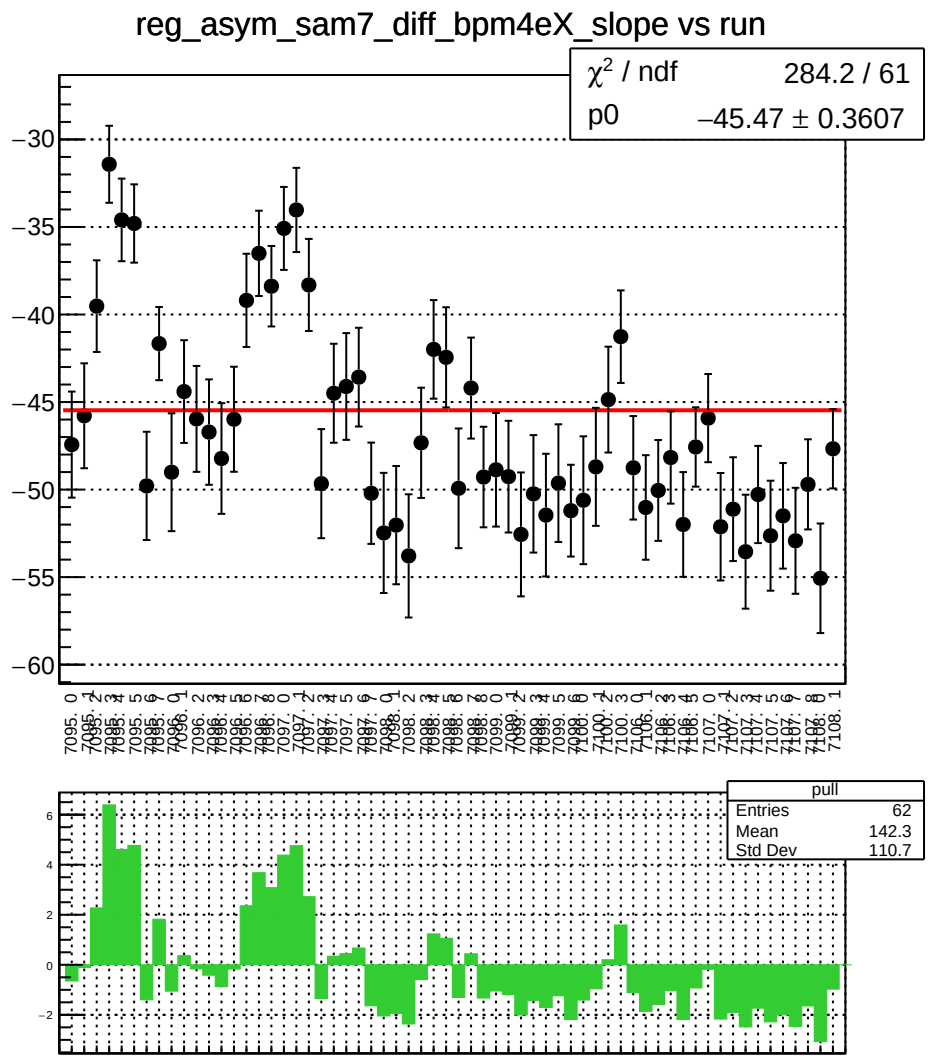

reg_asym_sam6_diff_bpm4eY_slope vs run
χ² / ndf 15.09 / 61
p0 72.53 ± 0.9264
pull
Entries 62
Mean 223.3
Std Dev 195.3
pull1D
Entries 62
Mean −0.02858
Std Dev 0.4925

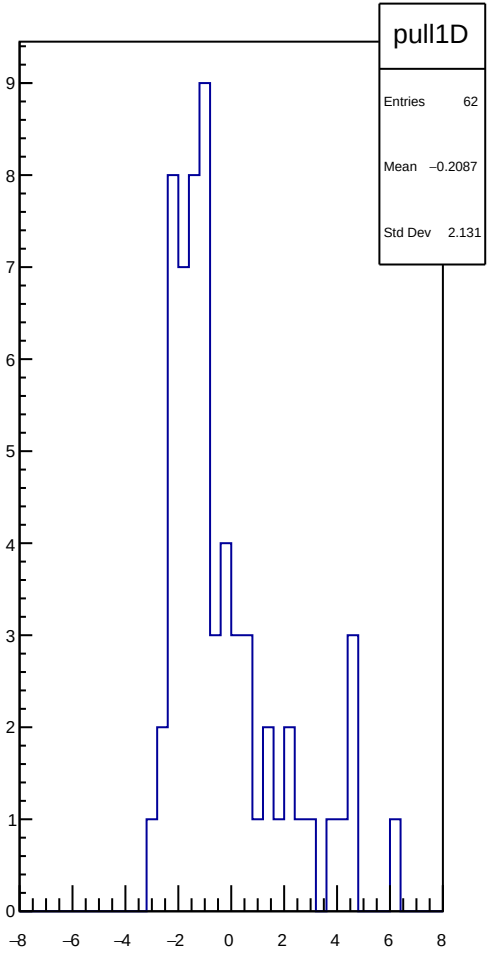

reg_asym_sam6_diff_bpm12X_slope vs run
χ² / ndf 13.72 / 61
p0 −0.5374 ± 0.043
pull
Entries 62
Mean 281.1
Std Dev 264.2

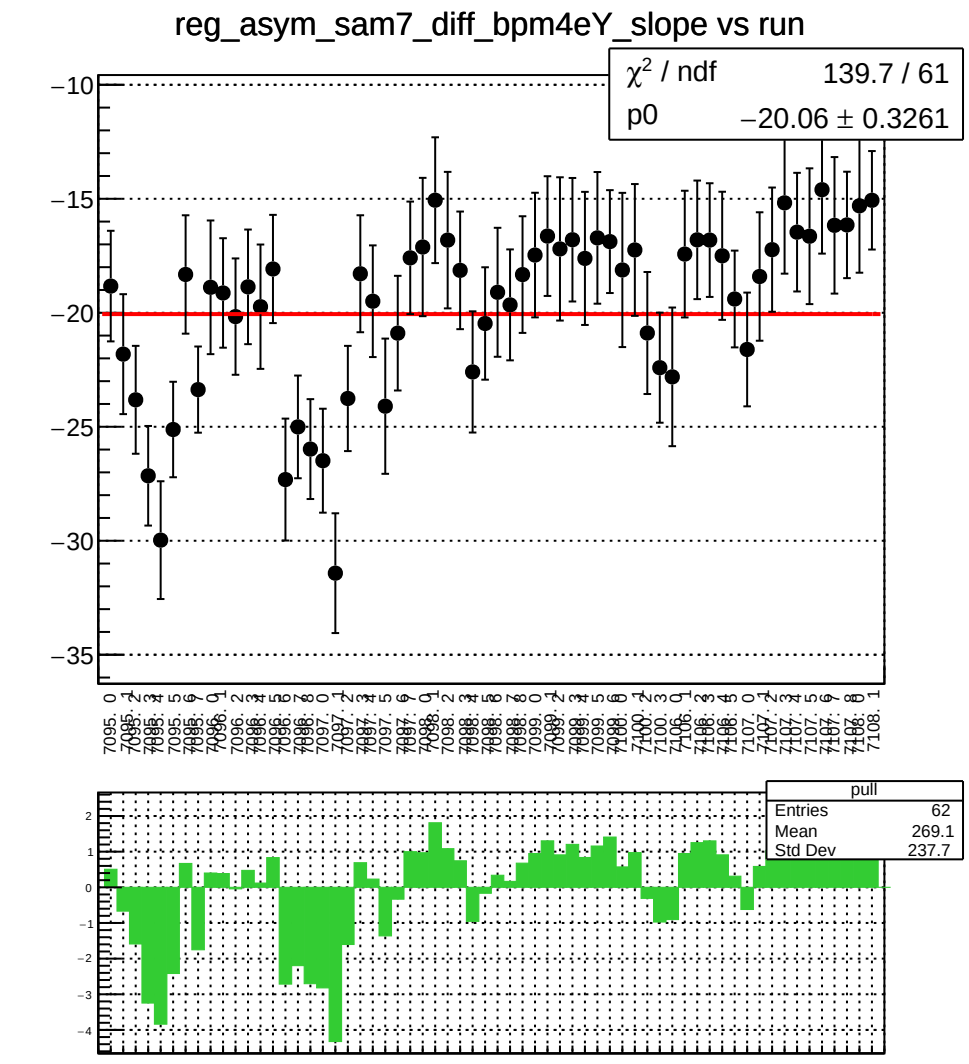

pull1D
Entries 62
Mean −0.01239
Std Dev 0.4703

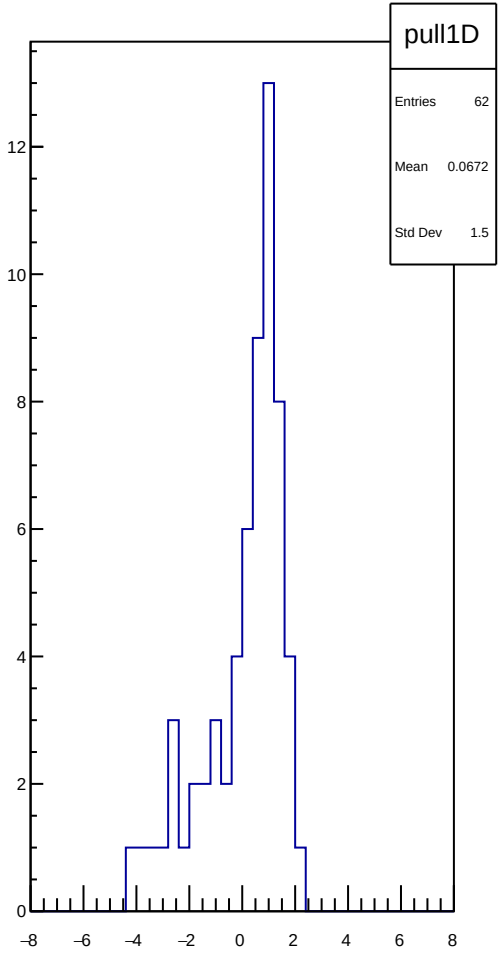

reg_asym_sam7_diff_bpm1X_slope vs run
χ² / ndf 324.7 / 61
p0 6.818 ± 0.3703
pull
Entries 62
Mean 144.5
Std Dev 113.1
pull1D
Entries 62
Mean 0.2114
Std Dev 2.279

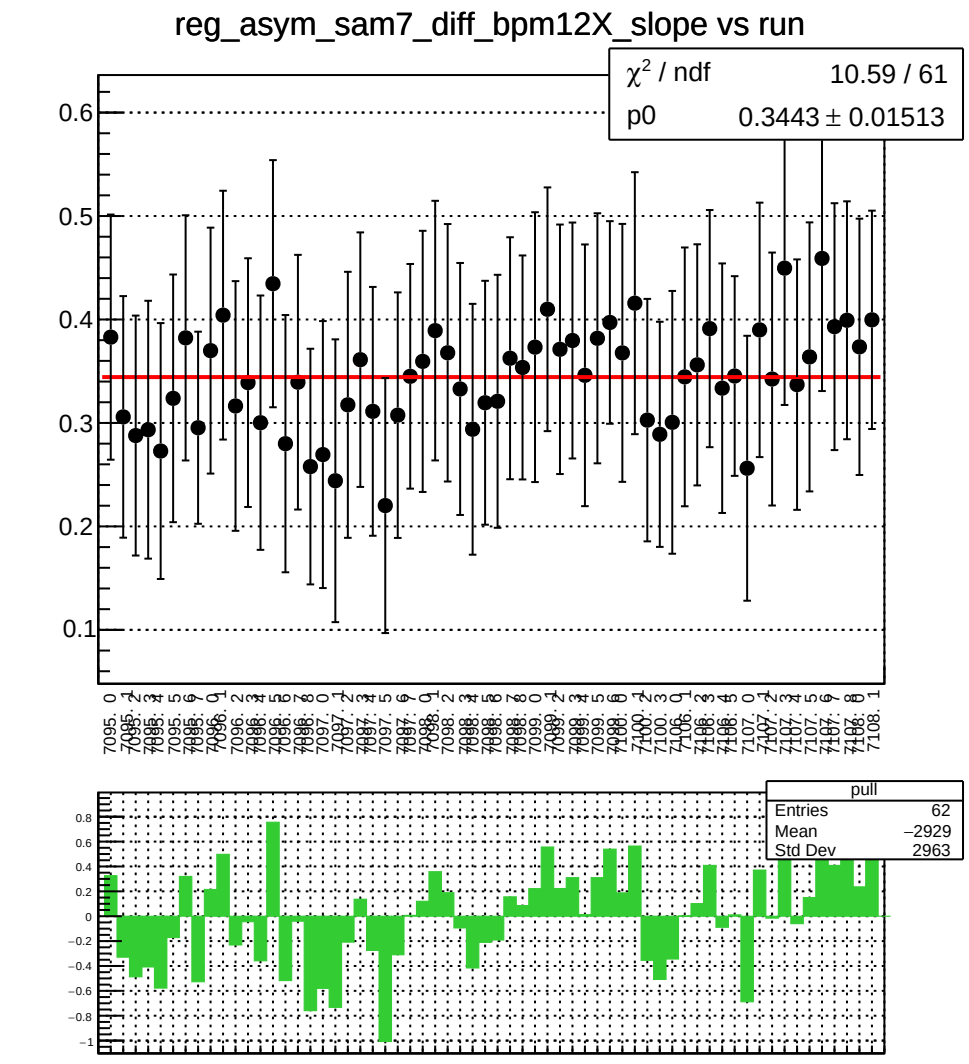

reg_asym_sam7_diff_bpm4aY_slope vs run
χ² / ndf 119.8 / 61
p0 12.75 ± 0.305
pull
Entries 62
Mean 481.2
Std Dev 450.7
pull1D
Entries 62
Mean −0.03184
Std Dev 1.39

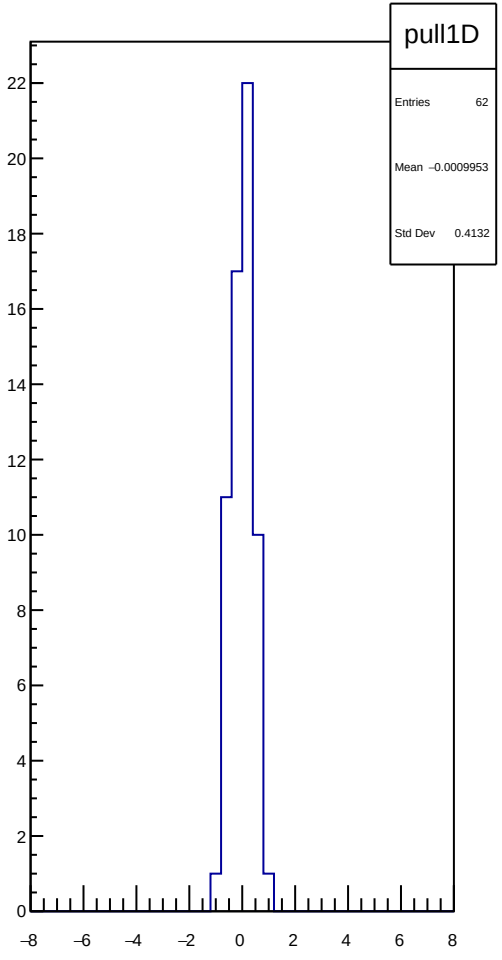

reg_asym_sam7_diff_bpm4eX_slope vs run
χ² / ndf 284.2 / 61
p0 −45.47 ± 0.3607
pull
Entries 62
Mean 142.3
Std Dev 110.7

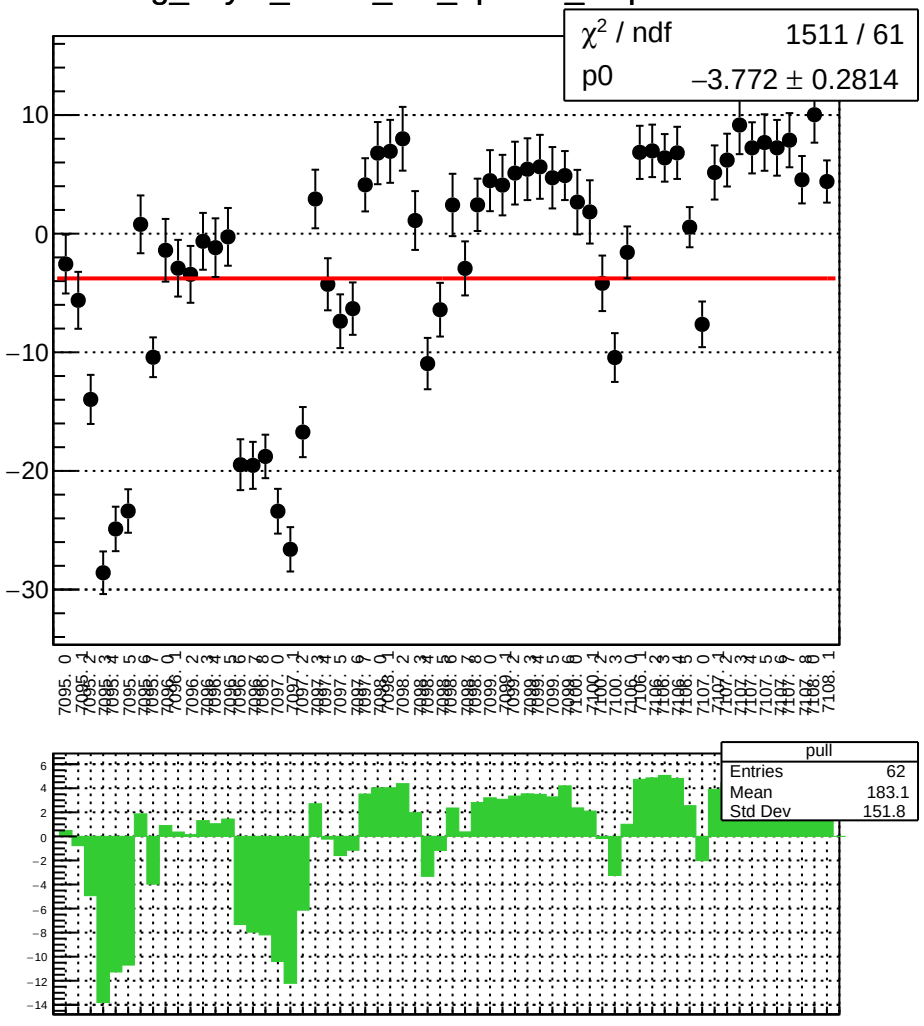

pull1D
Entries 62
Mean −0.2087
Std Dev 2.131

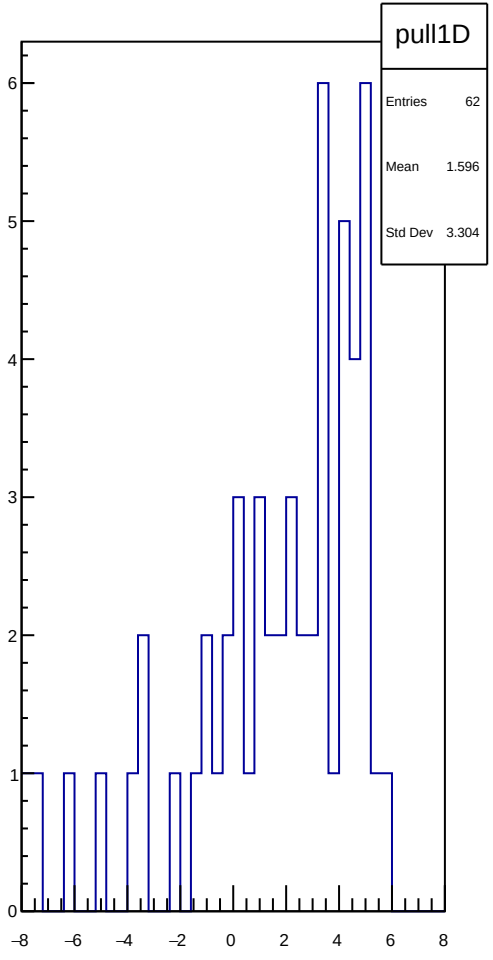

reg_asym_sam7_diff_bpm4eY_slope vs run
χ² / ndf 139.7 / 61
p0 −20.06 ± 0.3261
pull
Entries 62
Mean 269.1
Std Dev 237.7

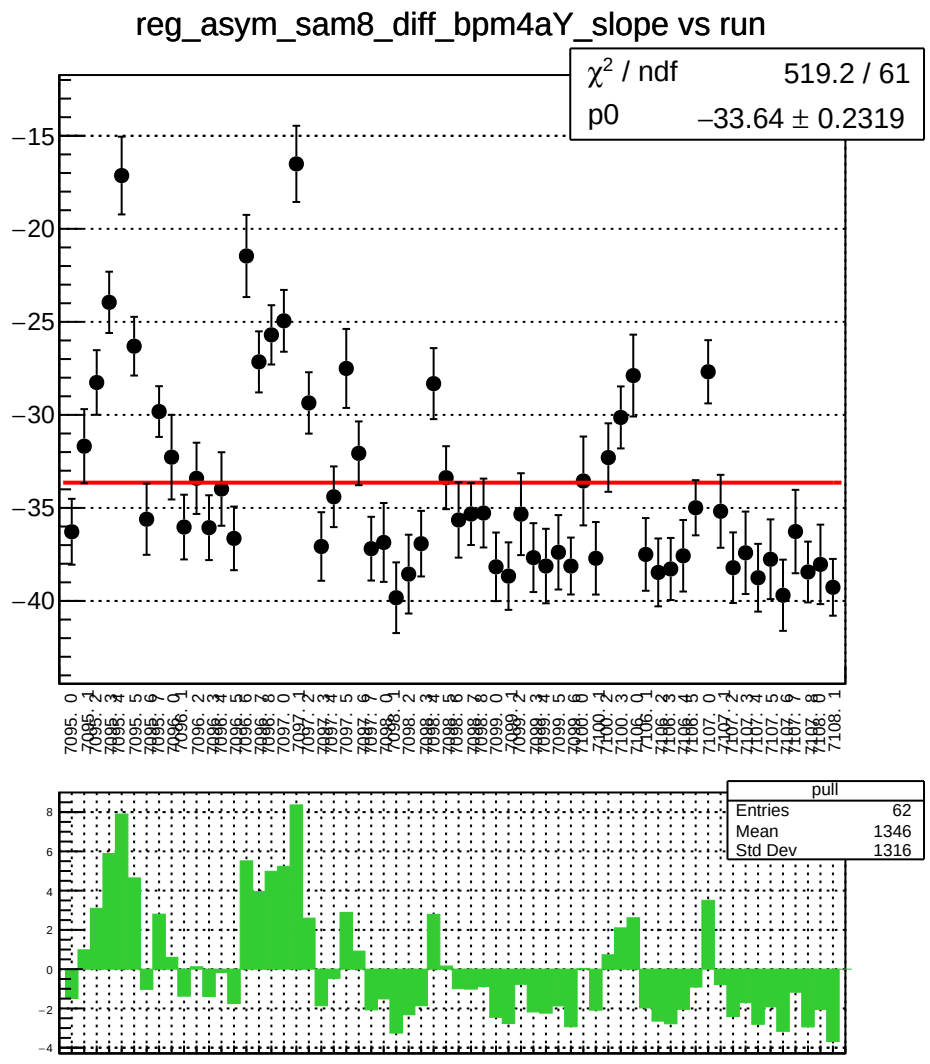

pull1D
Entries 62
Mean 0.0672
Std Dev 1.5

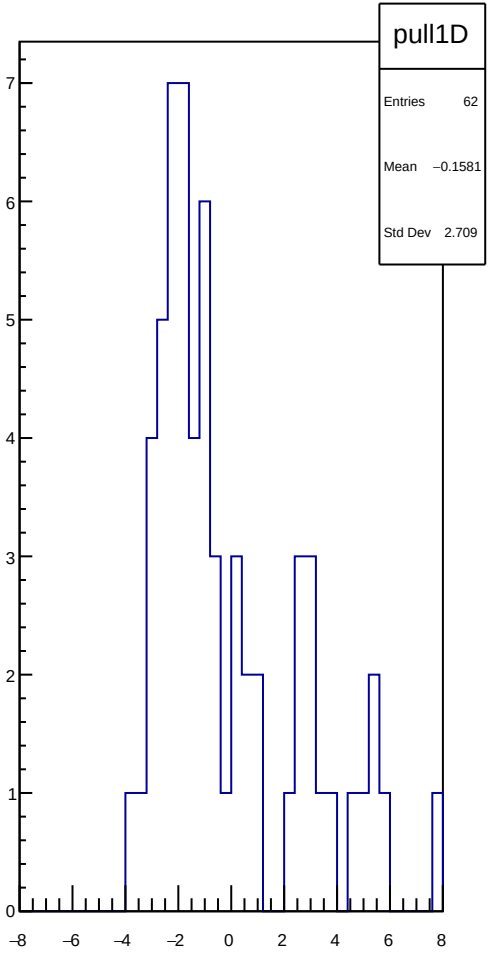

reg_asym_sam7_diff_bpm12X_slope vs run
χ² / ndf 10.59 / 61
p0 0.3443 ± 0.01513
pull
Entries 62
Mean −2929
Std Dev 2963

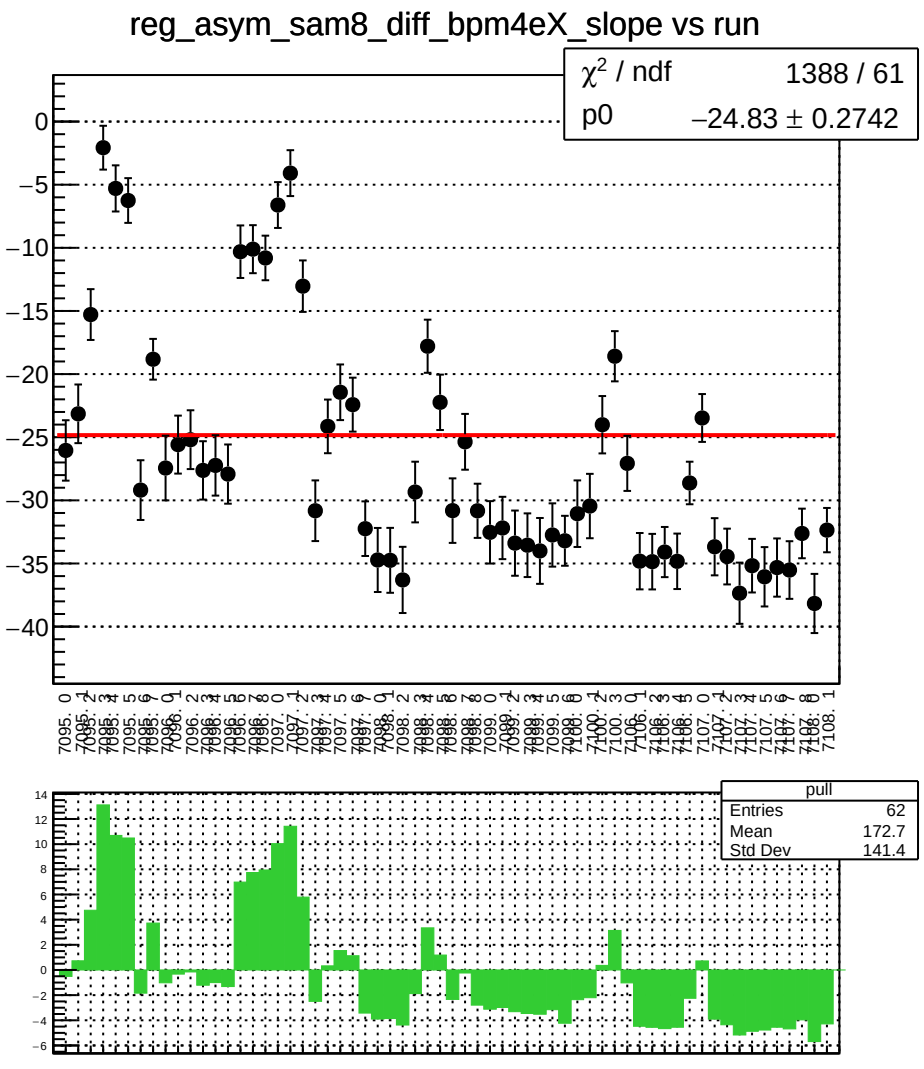

pull1D
Entries 62
Mean −0.0009953
Std Dev 0.4132

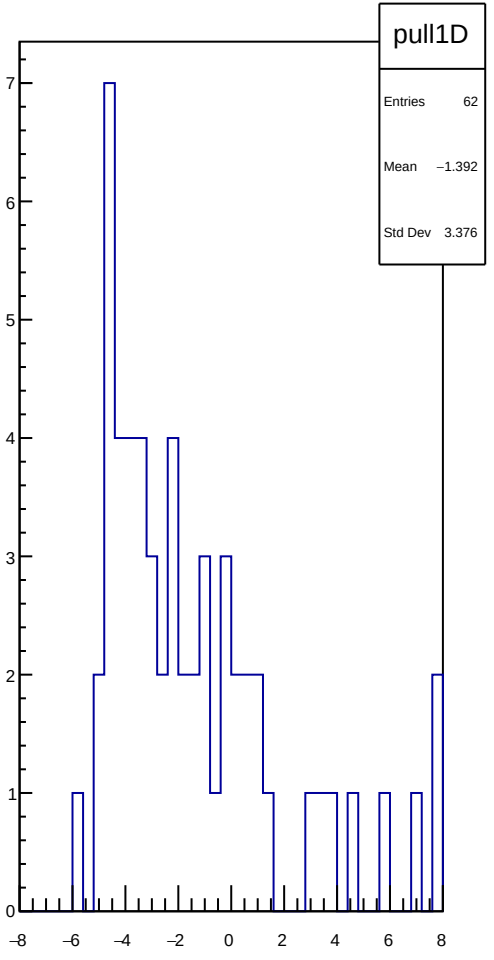

reg_asym_sam8_diff_bpm1X_slope vs run
χ² / ndf 1511 / 61
p0 −3.772 ± 0.2814
pull
Entries 62
Mean 183.1
Std Dev 151.8

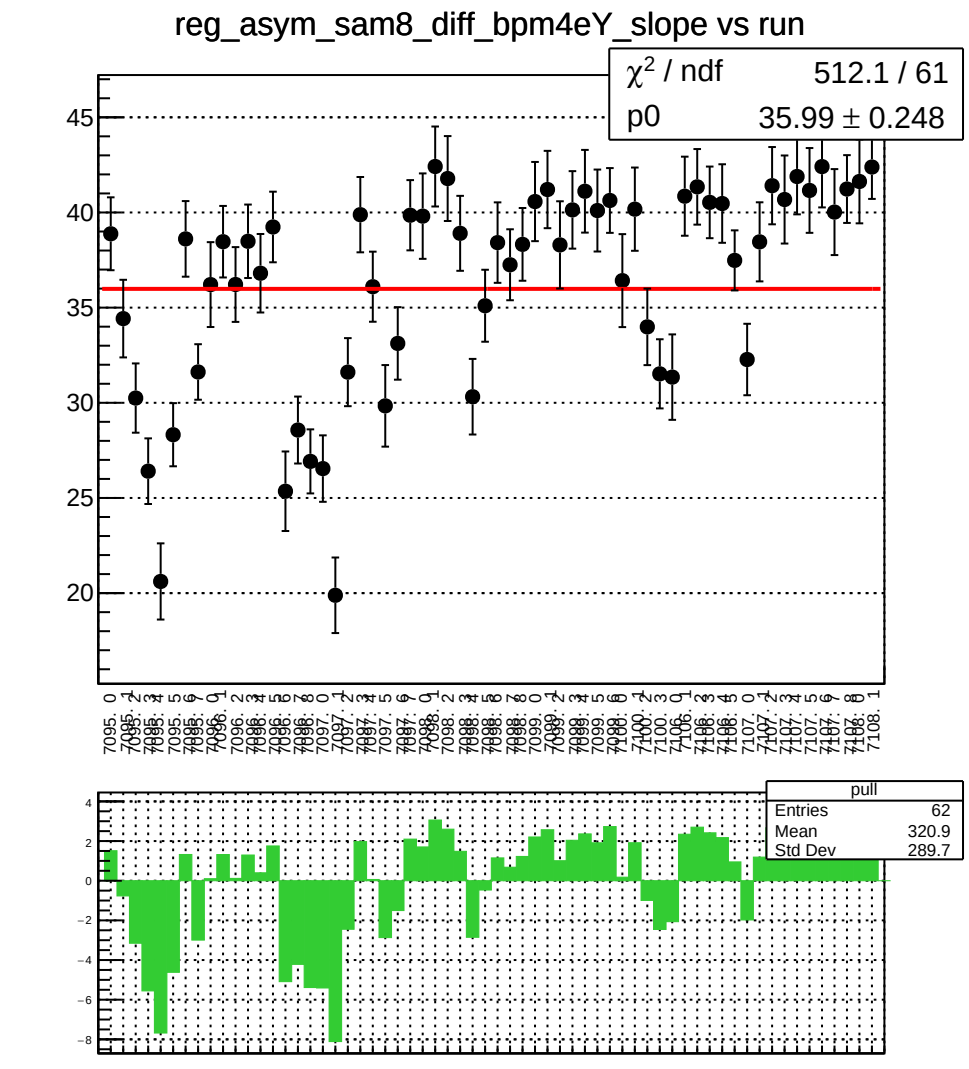

pull1D
Entries 62
Mean 1.596
Std Dev 3.304

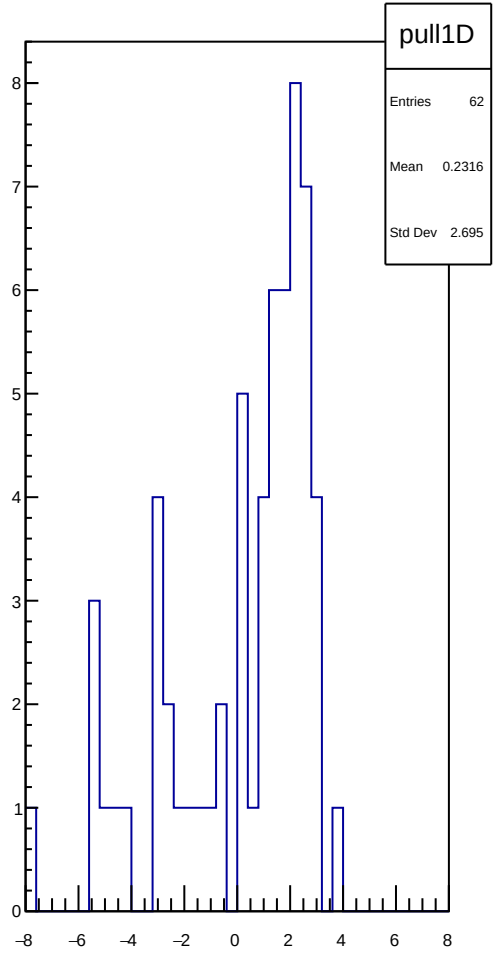

reg_asym_sam8_diff_bpm4aY_slope vs run
χ² / ndf 519.2 / 61
p0 −33.64 ± 0.2319
pull
Entries 62
Mean 1346
Std Dev 1316

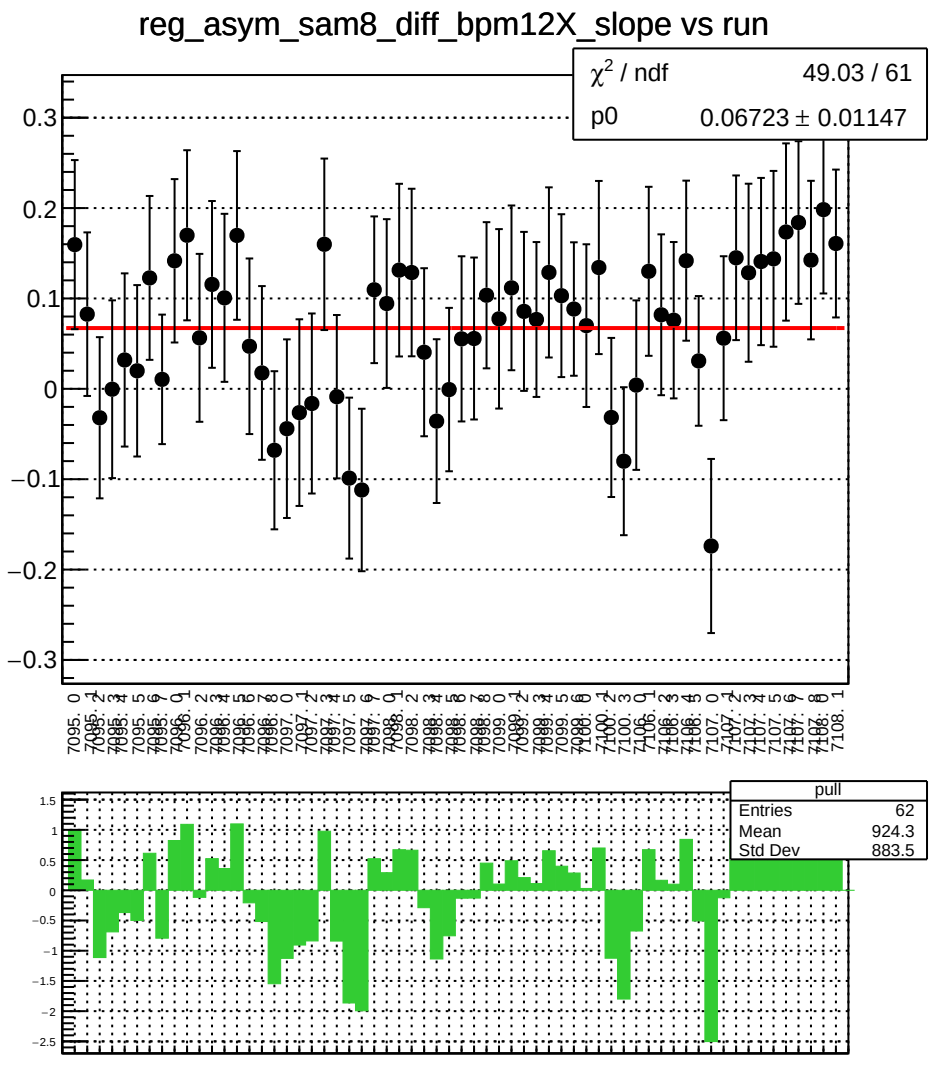

pull1D
Entries 62
Mean −0.1581
Std Dev 2.709

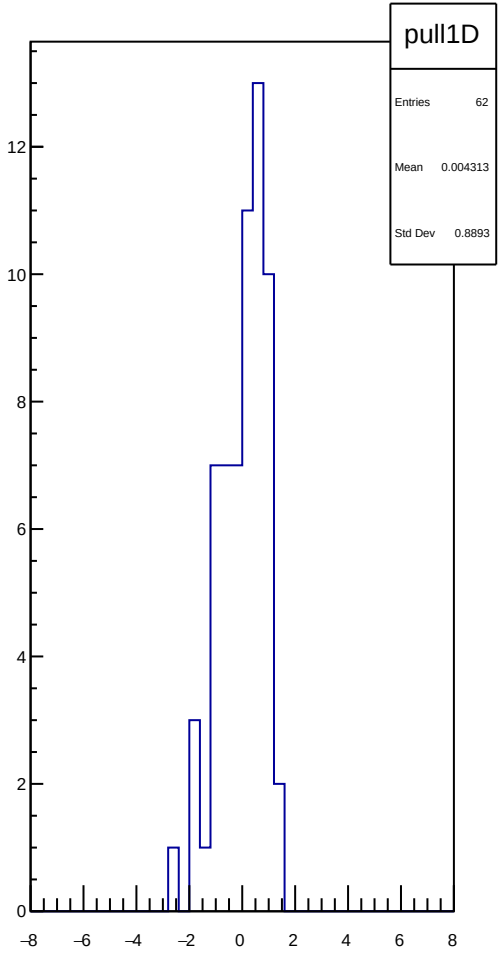

reg_asym_sam8_diff_bpm4eX_slope vs run
χ² / ndf 1388 / 61
p0 −24.83 ± 0.2742
pull
Entries 62
Mean 172.7
Std Dev 141.4

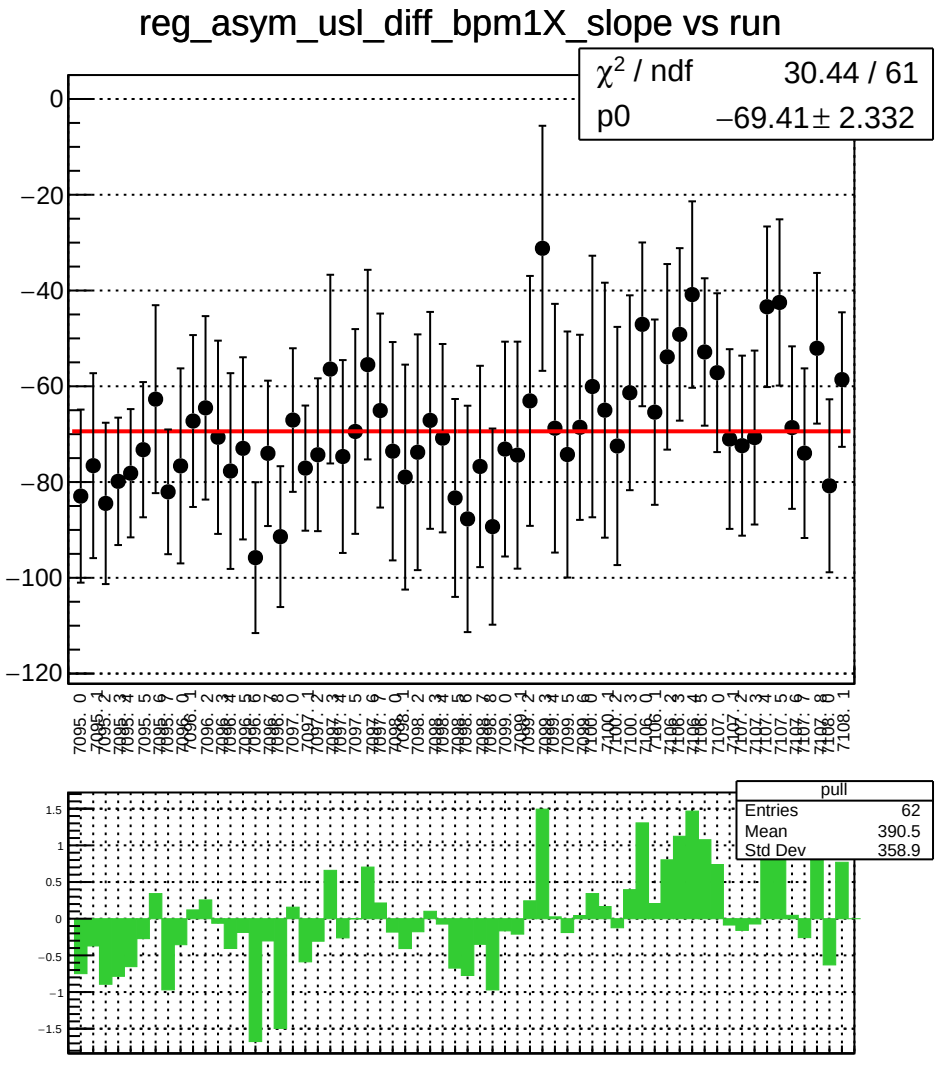

pull1D
Entries 62
Mean −1.392
Std Dev 3.376

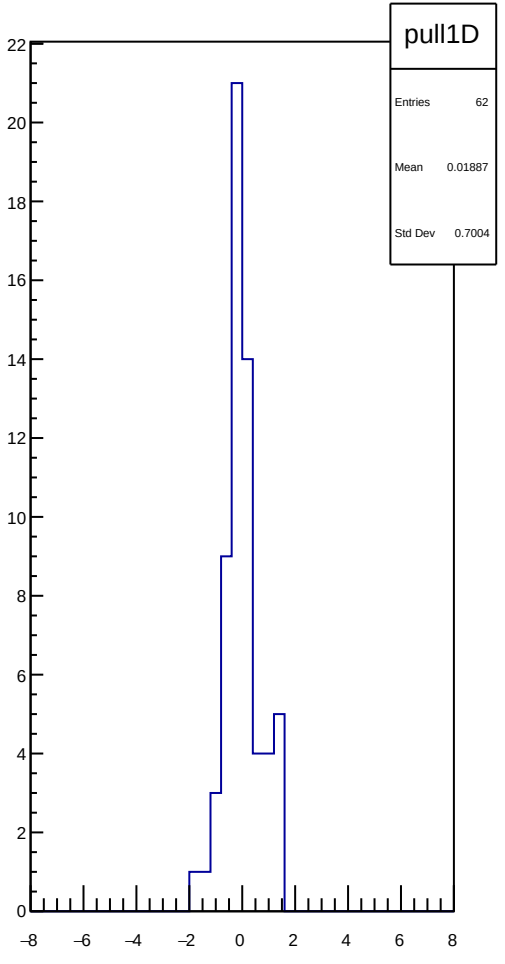

reg_asym_sam8_diff_bpm4eY_slope vs run
χ² / ndf 512.1 / 61
p0 35.99 ± 0.248
pull
Entries 62
Mean 320.9
Std Dev 289.7

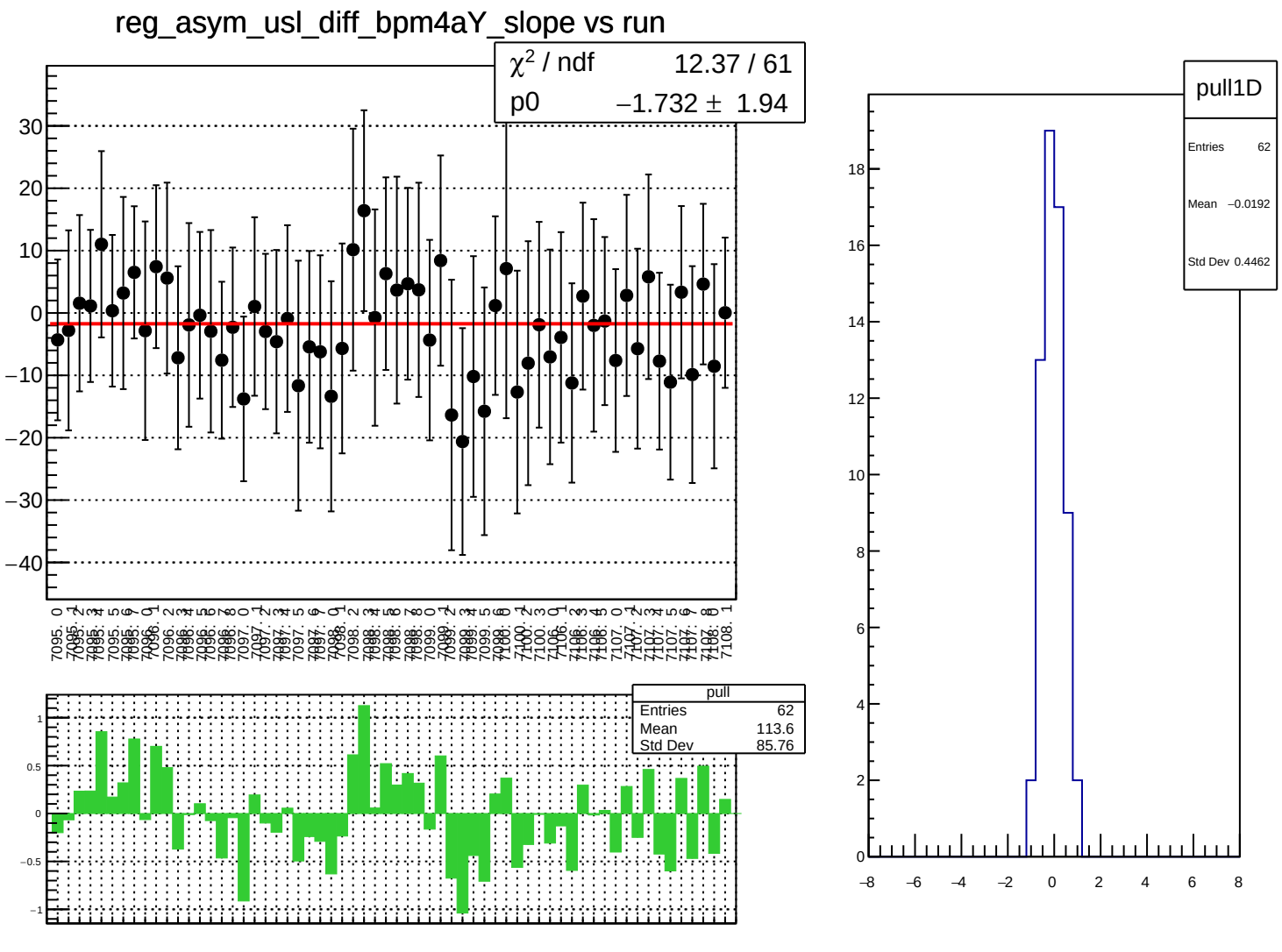

pull1D
Entries 62
Mean 0.2316
Std Dev 2.695

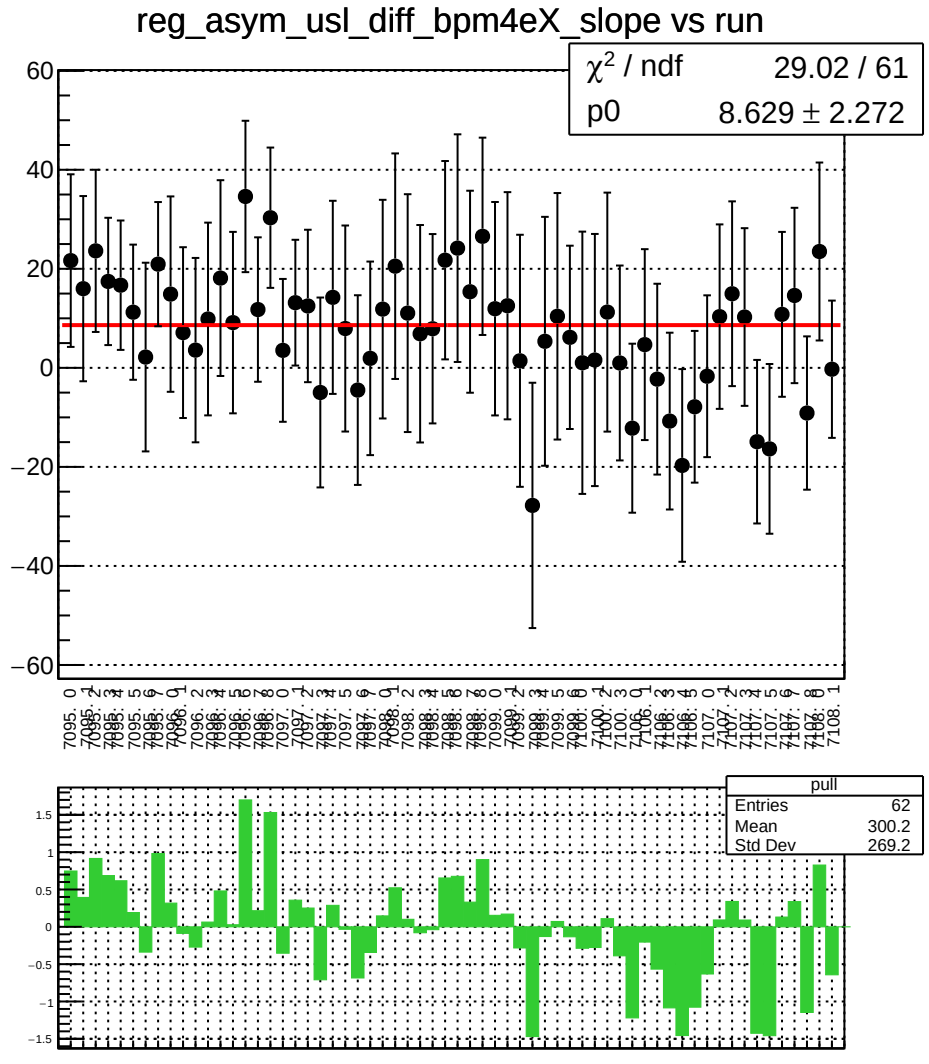

reg_asym_sam8_diff_bpm12X_slope vs run
χ² / ndf 49.03 / 61
p0 0.06723 ± 0.01147
pull
Entries 62
Mean 924.3
Std Dev 883.5

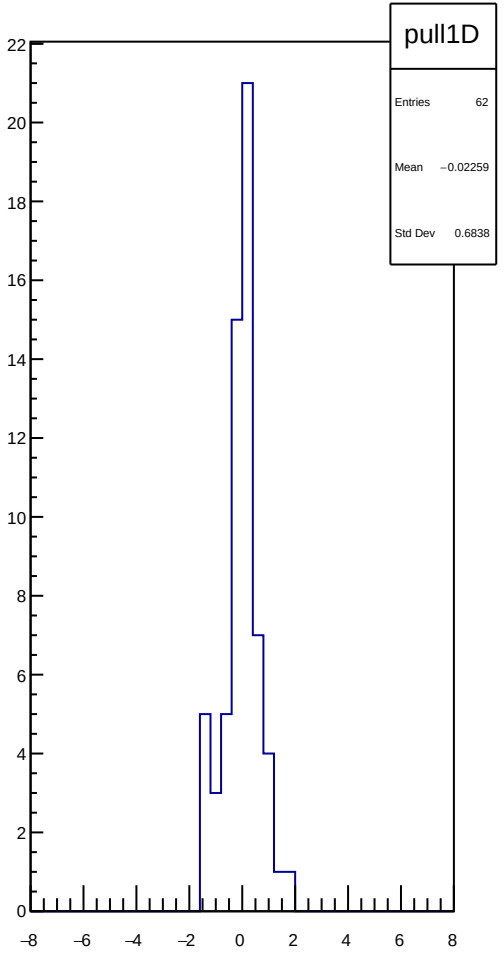

pull1D
Entries 62
Mean 0.004313
Std Dev 0.8893

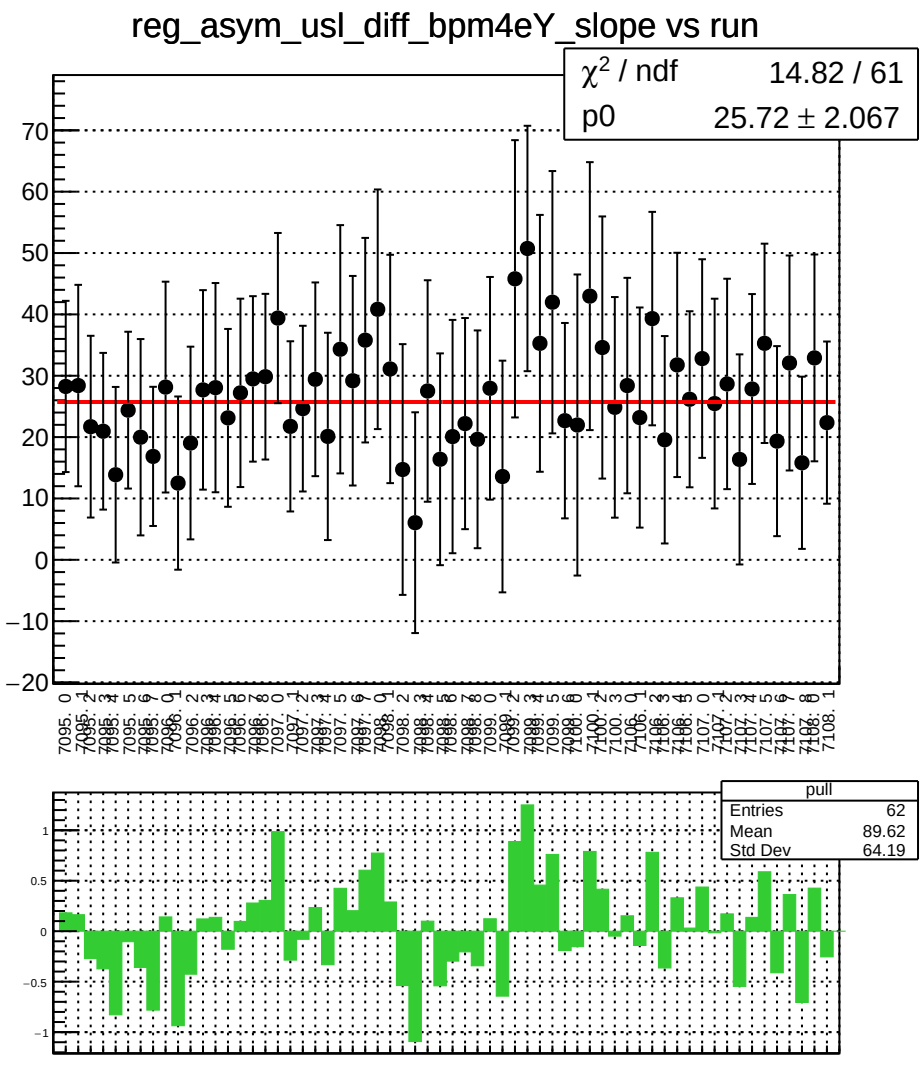

reg_asym_usl_diff_bpm1X_slope vs run
χ² / ndf 30.44 / 61
p0 −69.41 ± 2.332
pull
Entries 62
Mean 390.5
Std Dev 358.9

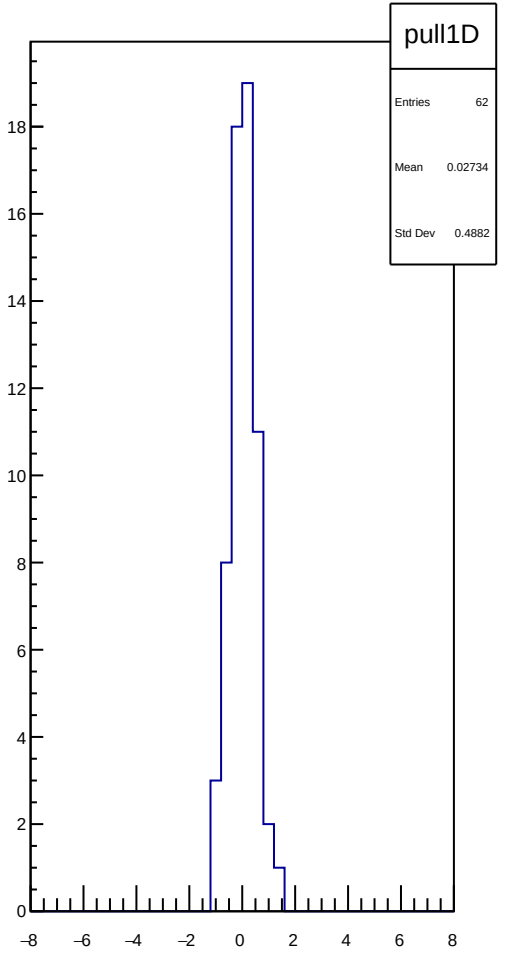

pull1D
Entries 62
Mean 0.01887
Std Dev 0.7004

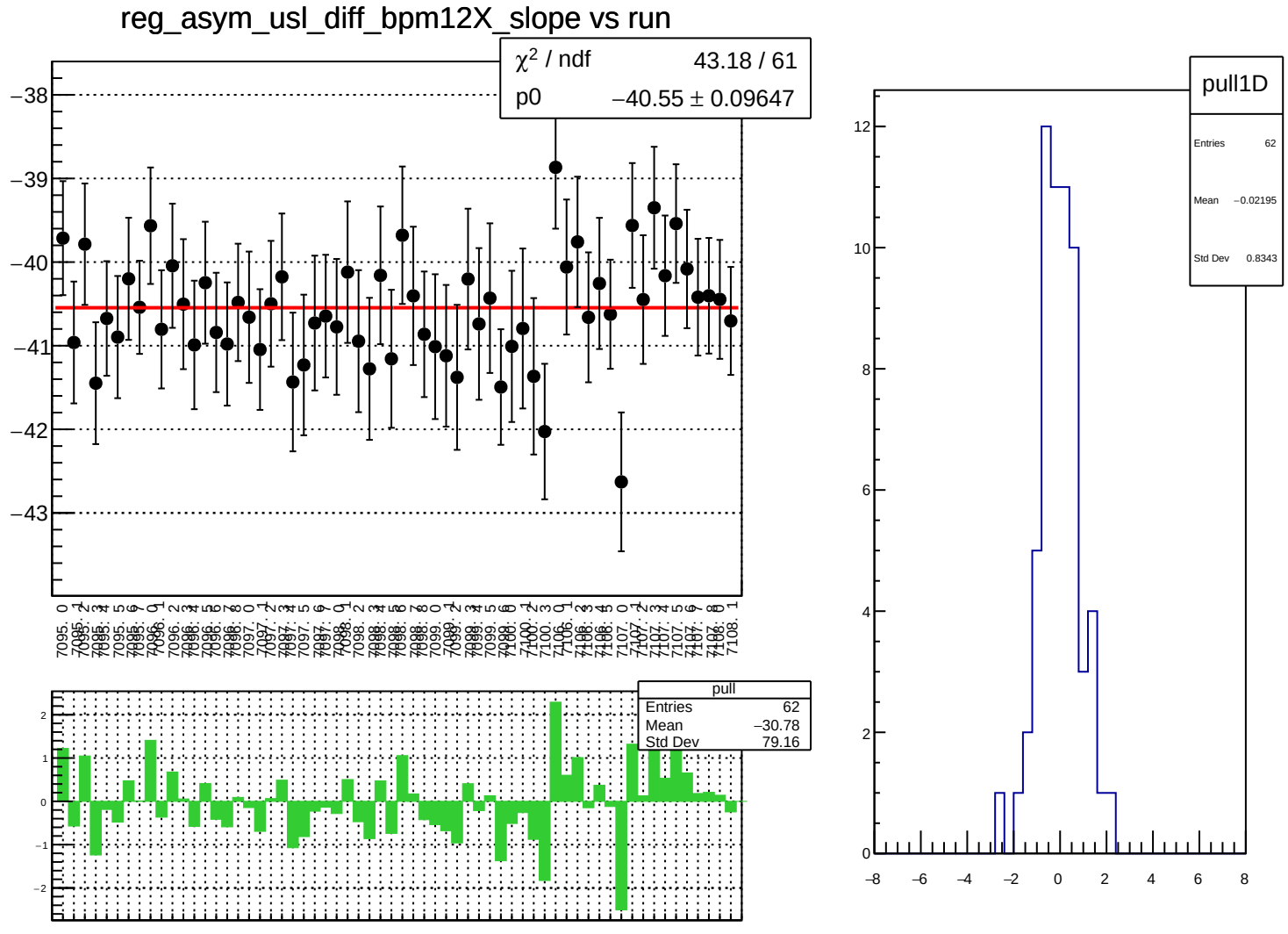

reg_asym_usl_diff_bpm4aY_slope vs run
χ² / ndf 12.37 / 61
p0 −1.732 ± 1.94
pull
Entries 62
Mean 113.6
Std Dev 85.76
pull1D
Entries 62
Mean −0.0192
Std Dev 0.4462

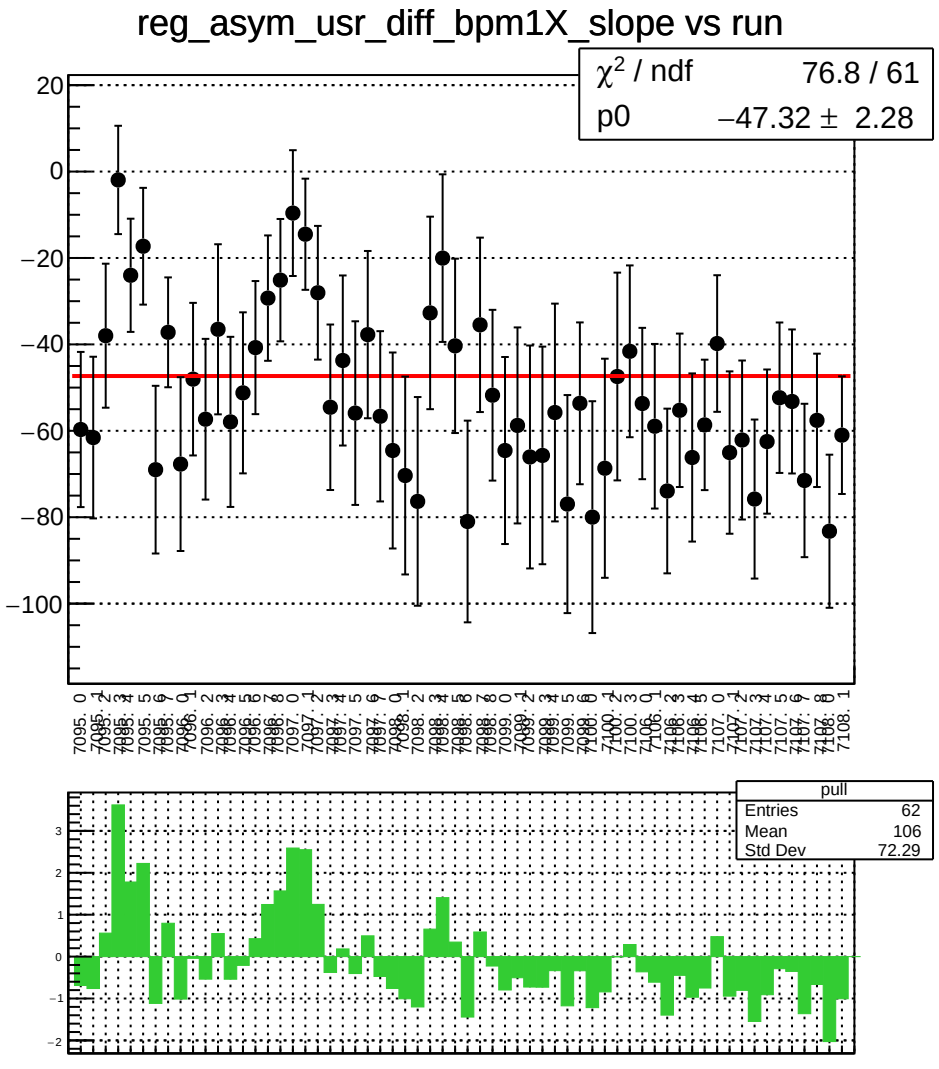

reg_asym_usl_diff_bpm4eX_slope vs run
χ² / ndf 29.02 / 61
p0 8.629 ± 2.272
pull
Entries 62
Mean 300.2
Std Dev 269.2

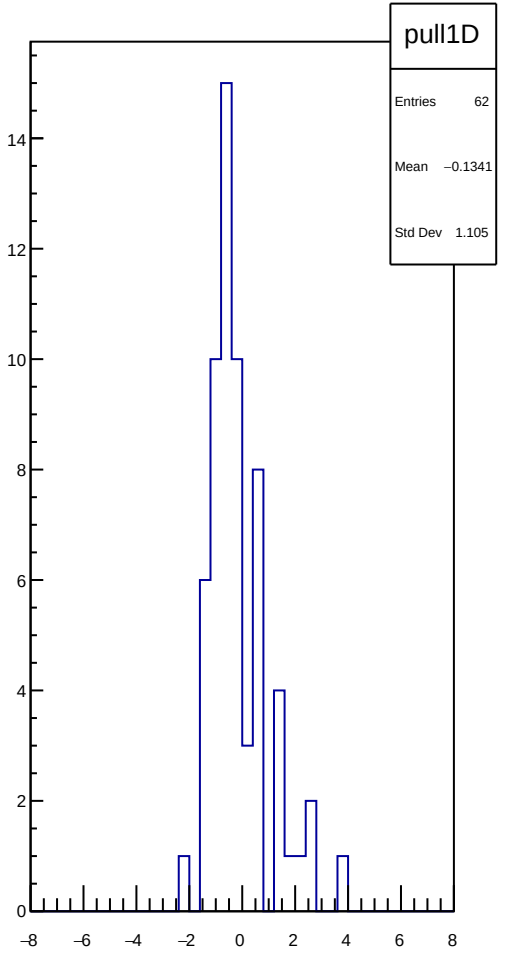

pull1D
Entries 62
Mean −0.02259
Std Dev 0.6838

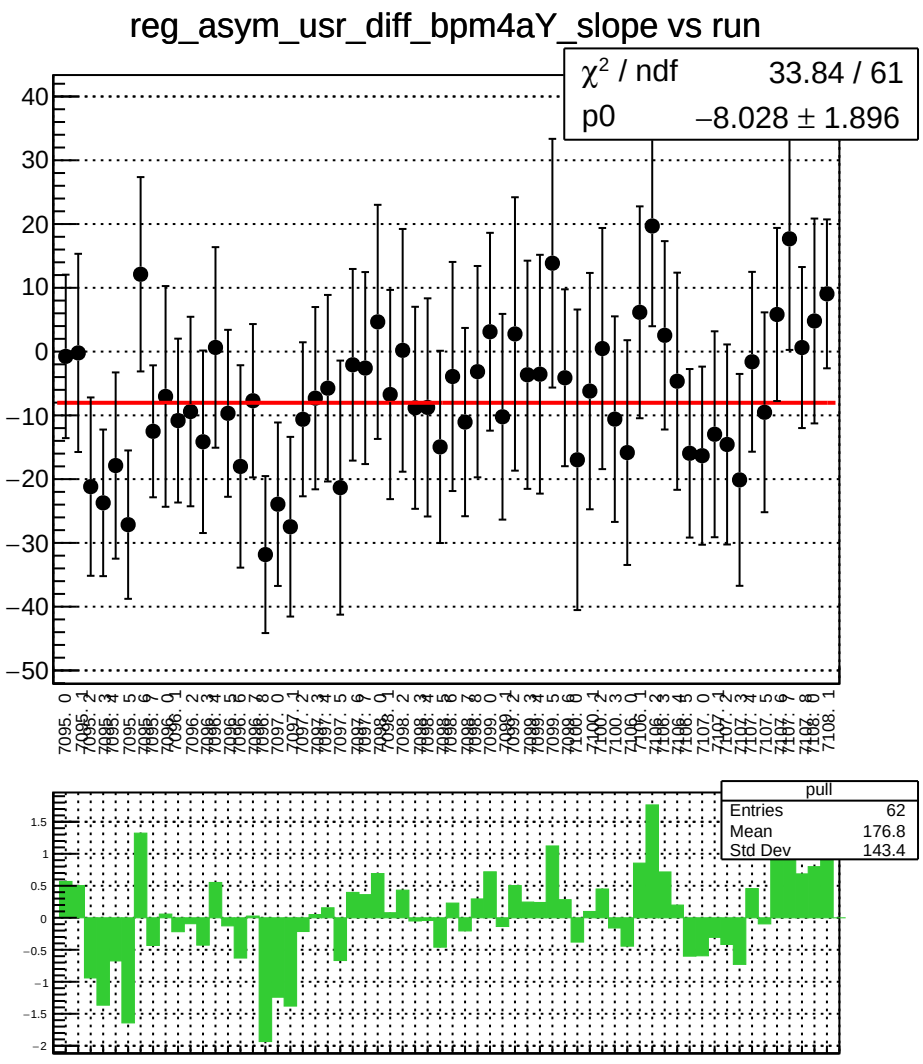

reg_asym_usl_diff_bpm4eY_slope vs run
χ^2 / ndf 14.82 / 61
p0 25.72 ± 2.067
pull
Entries 62
Mean 89.62
Std Dev 64.19

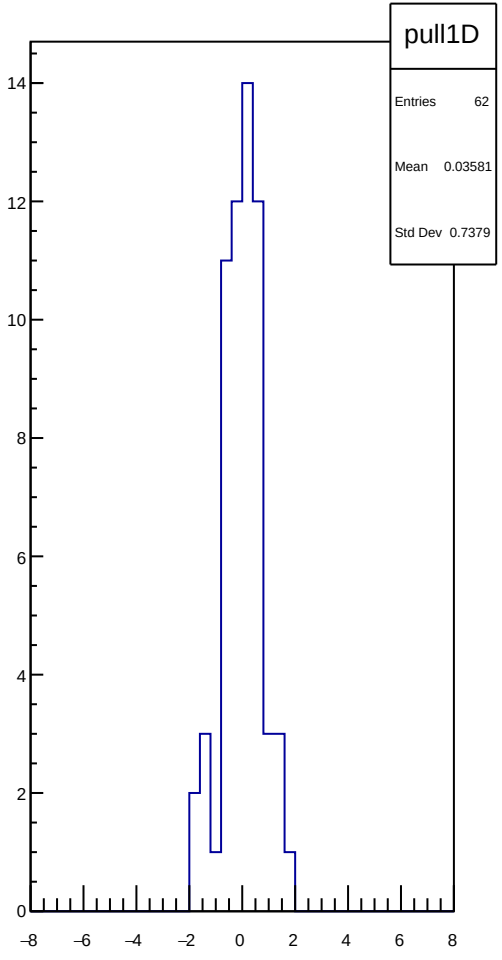

pull1D
Entries 62
Mean 0.02734
Std Dev 0.4882

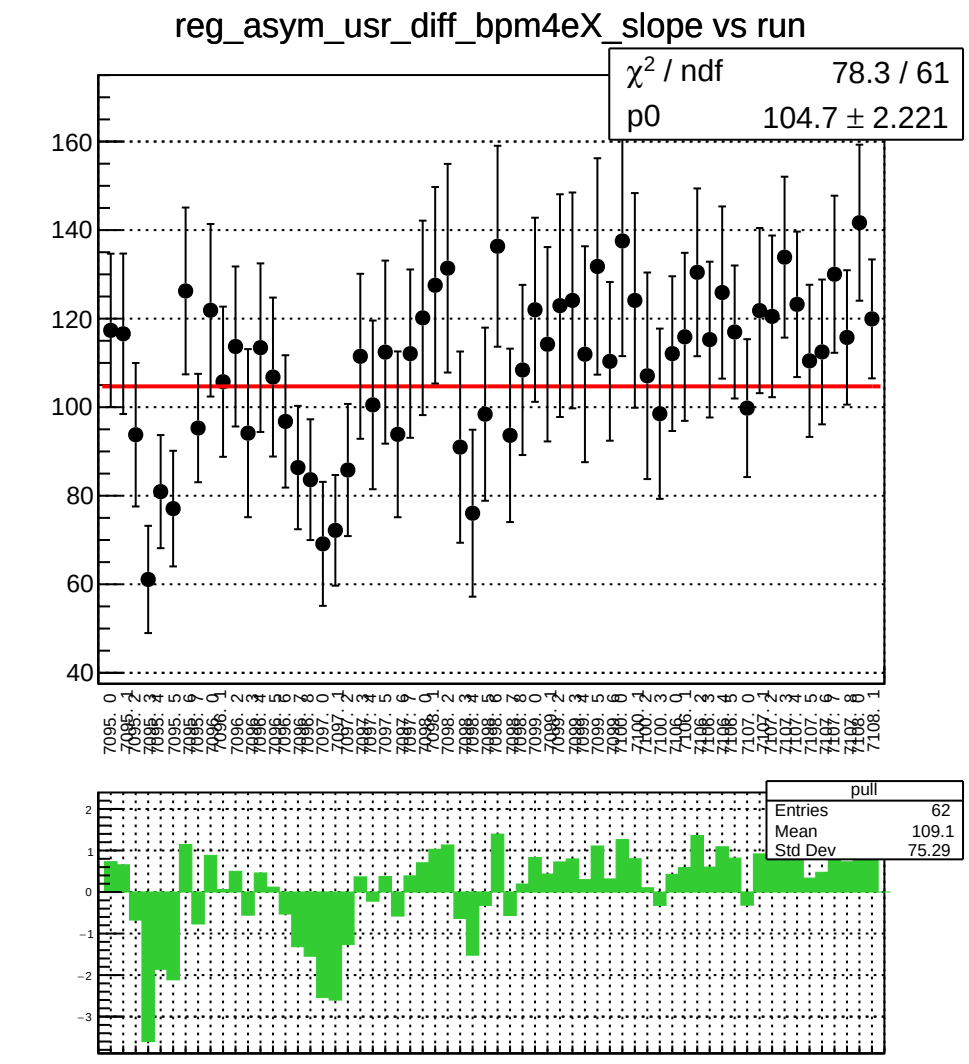

reg_asym_usl_diff_bpm12X_slope vs run
χ² / ndf 43.18 / 61
p0 −40.55 ± 0.09647
pull
Entries 62
Mean −30.78
Std Dev 79.16
pull1D
Entries 62
Mean −0.02195
Std Dev 0.8343

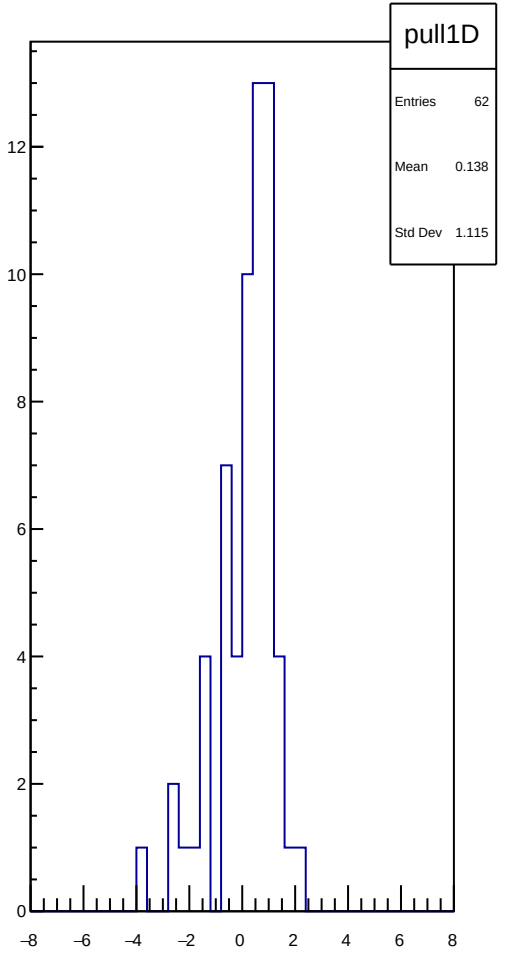

reg_asym_usr_diff_bpm1X_slope vs run
χ² / ndf 76.8 / 61
p0 −47.32 ± 2.28
pull
Entries 62
Mean 106
Std Dev 72.29

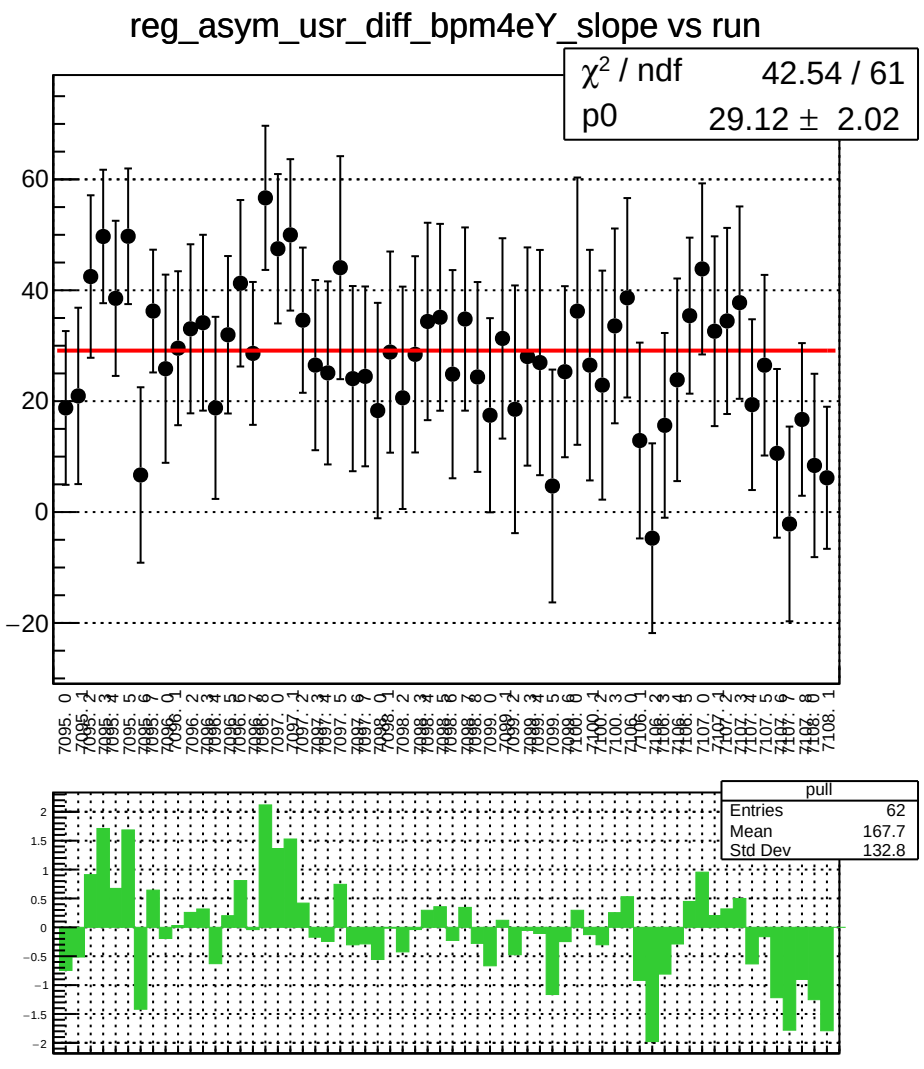

pull1D
Entries 62
Mean −0.1341
Std Dev 1.105

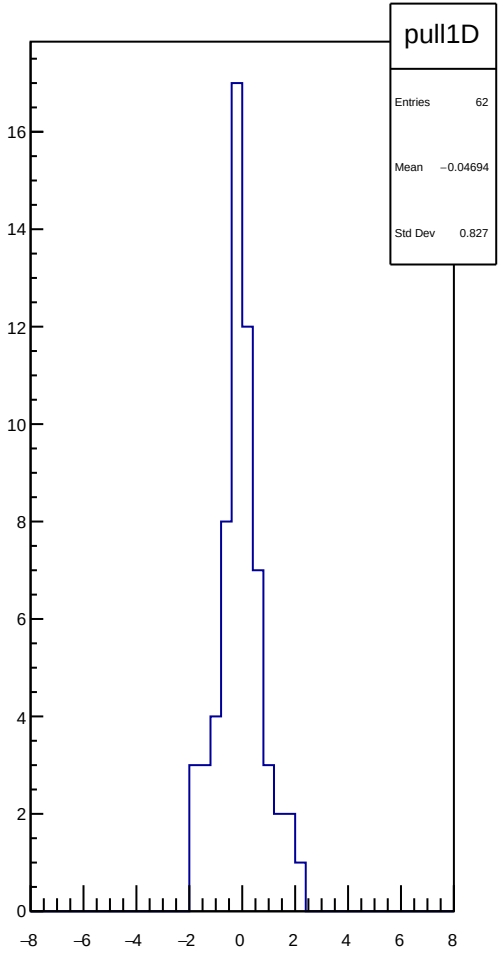

reg_asym_usr_diff_bpm4aY_slope vs run
χ² / ndf 33.84 / 61
p0 −8.028 ± 1.896
pull
Entries 62
Mean 176.8
Std Dev 143.4

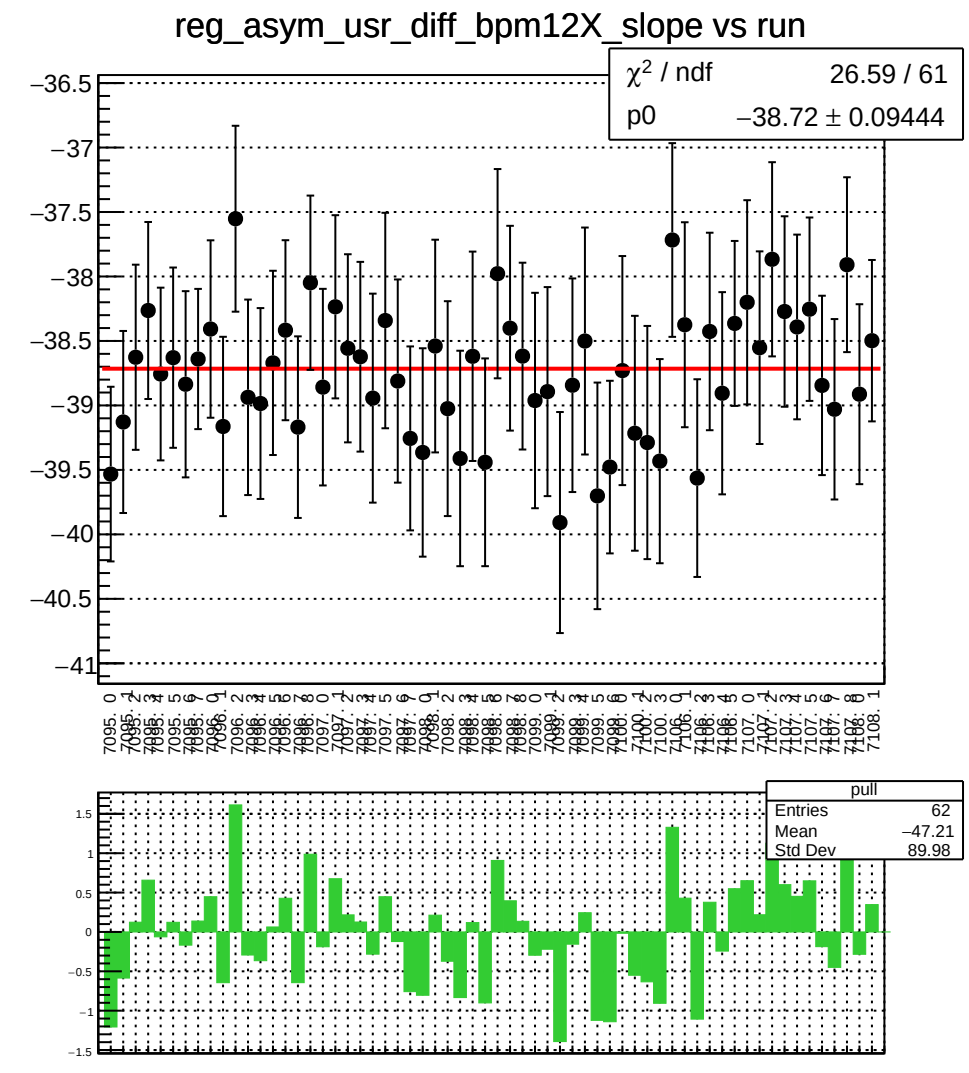

pull1D
Entries 62
Mean 0.03581
Std Dev 0.7379

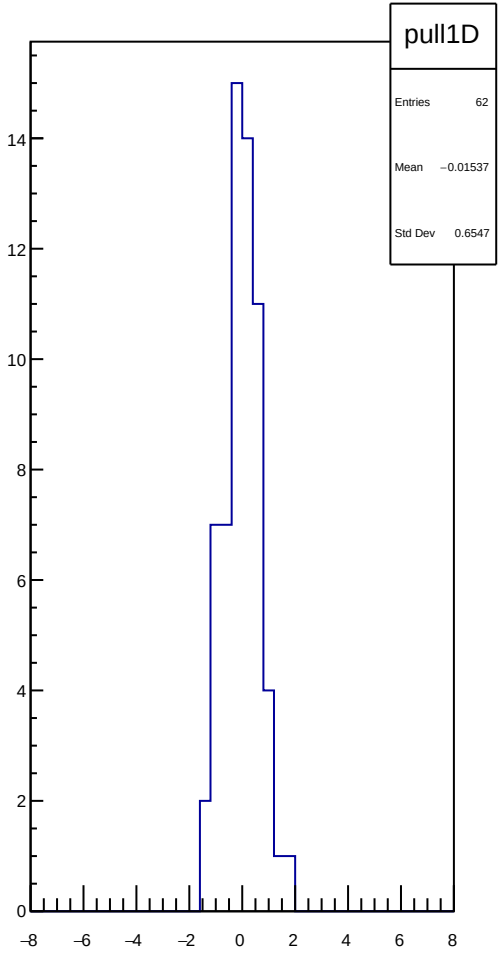

reg_asym_usr_diff_bpm4eX_slope vs run
χ² / ndf 78.3 / 61
p0 104.7 ± 2.221
pull
Entries 62
Mean 109.1
Std Dev 75.29

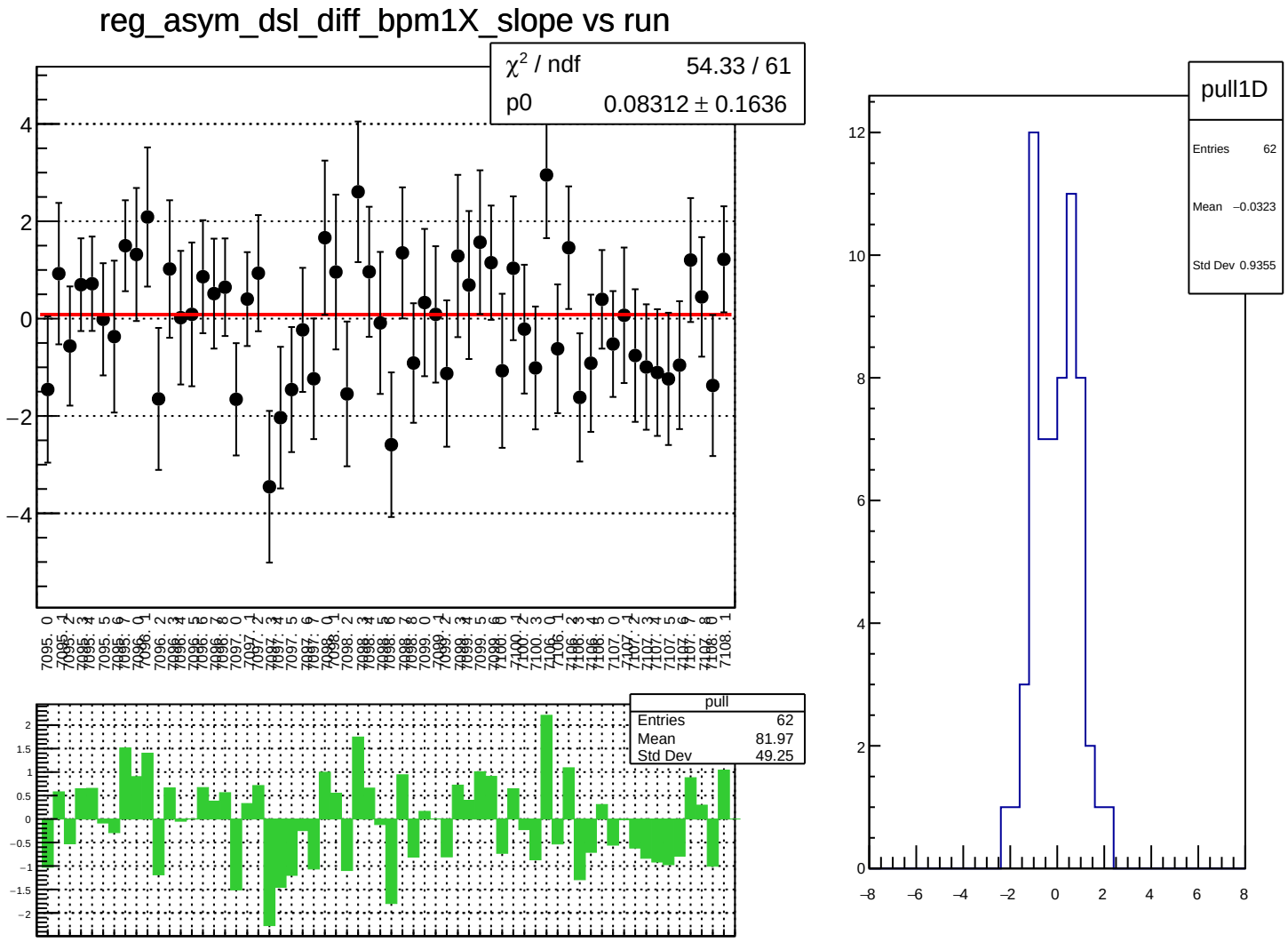

pull1D
Entries 62
Mean 0.138
Std Dev 1.115

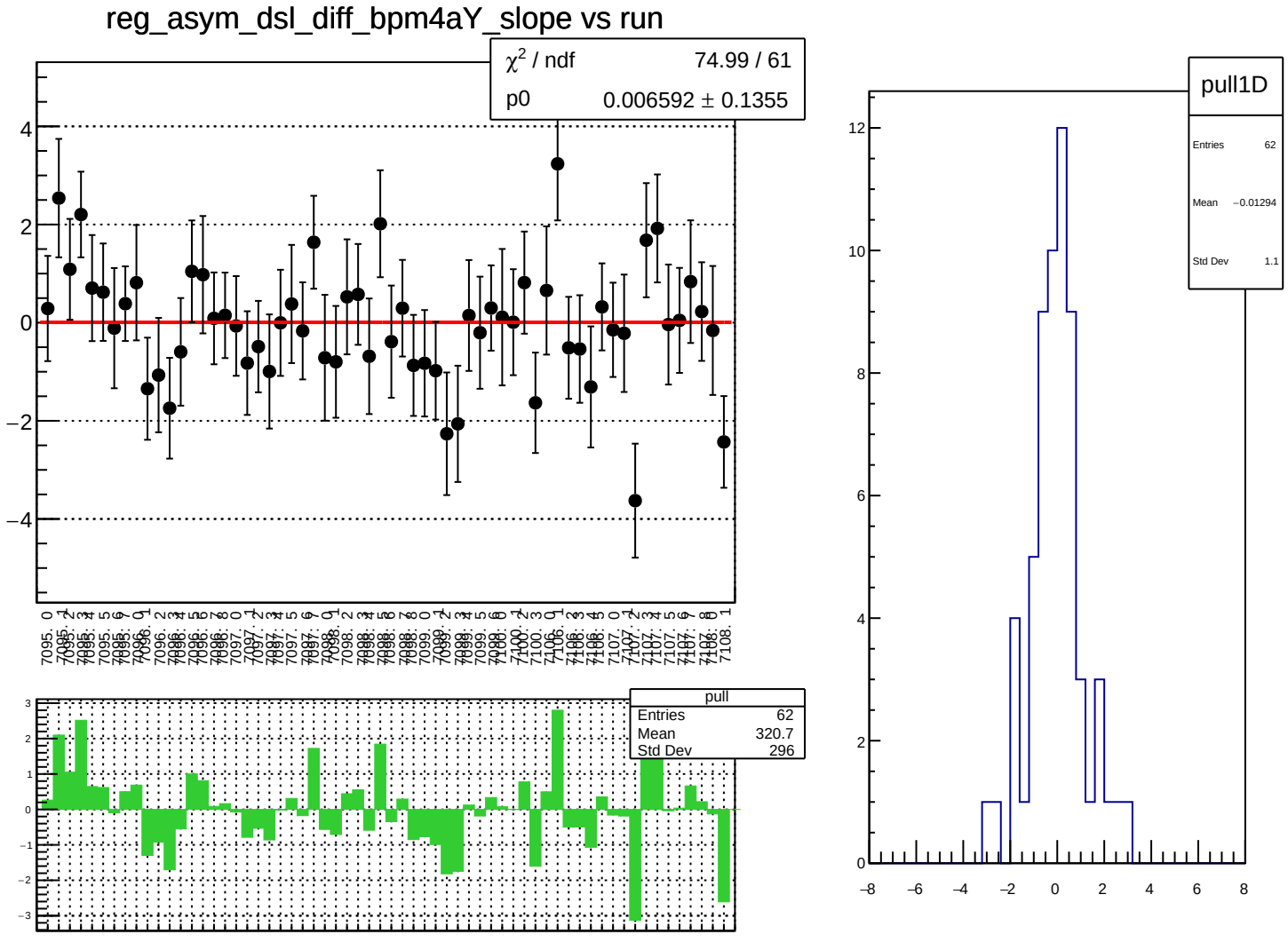

reg_asym_usr_diff_bpm4eY_slope vs run
χ² / ndf 42.54 / 61
p0 29.12 ± 2.02
pull
Entries 62
Mean 167.7
Std Dev 132.8

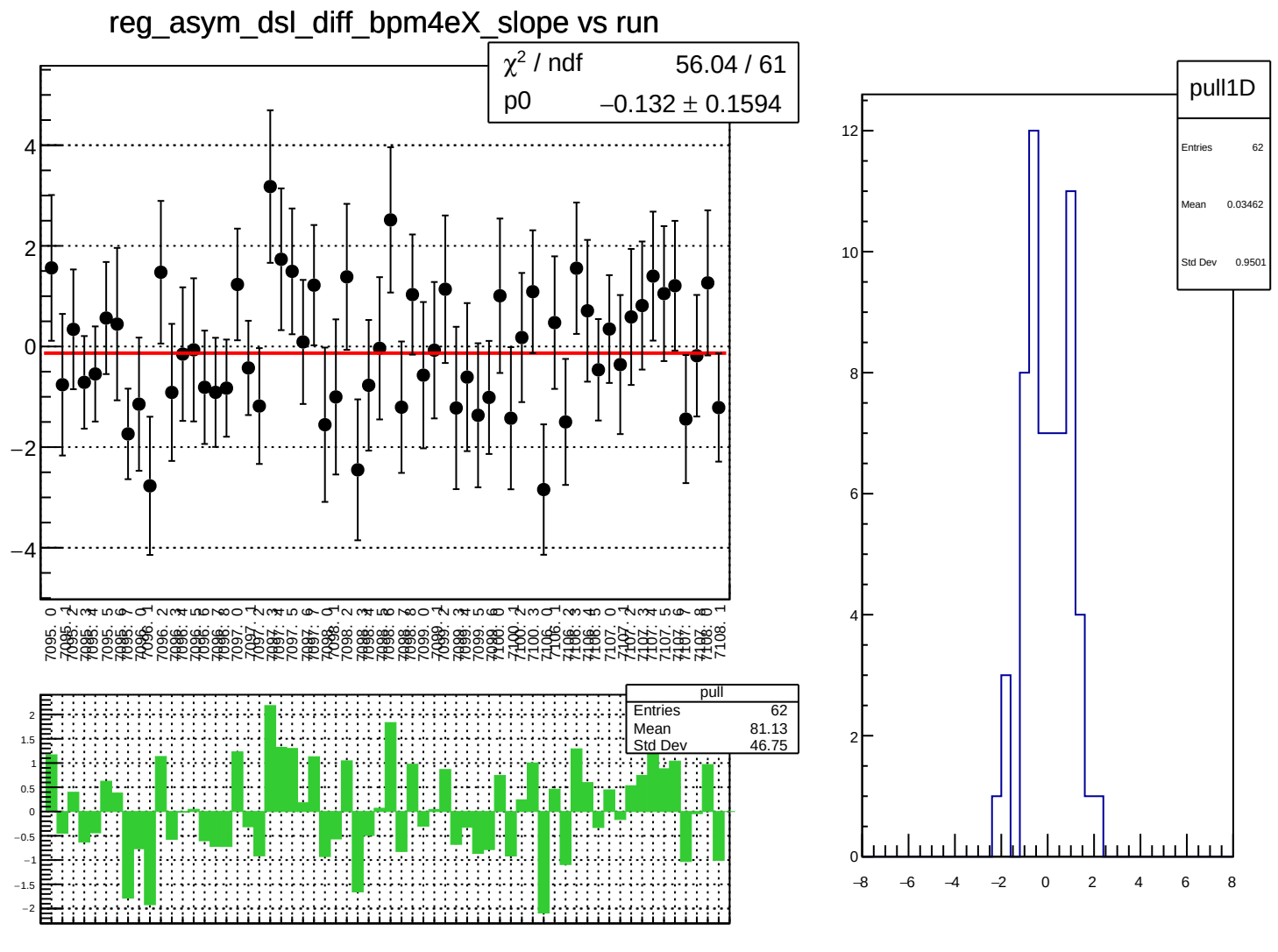

pull1D
Entries 62
Mean −0.04694
Std Dev 0.827

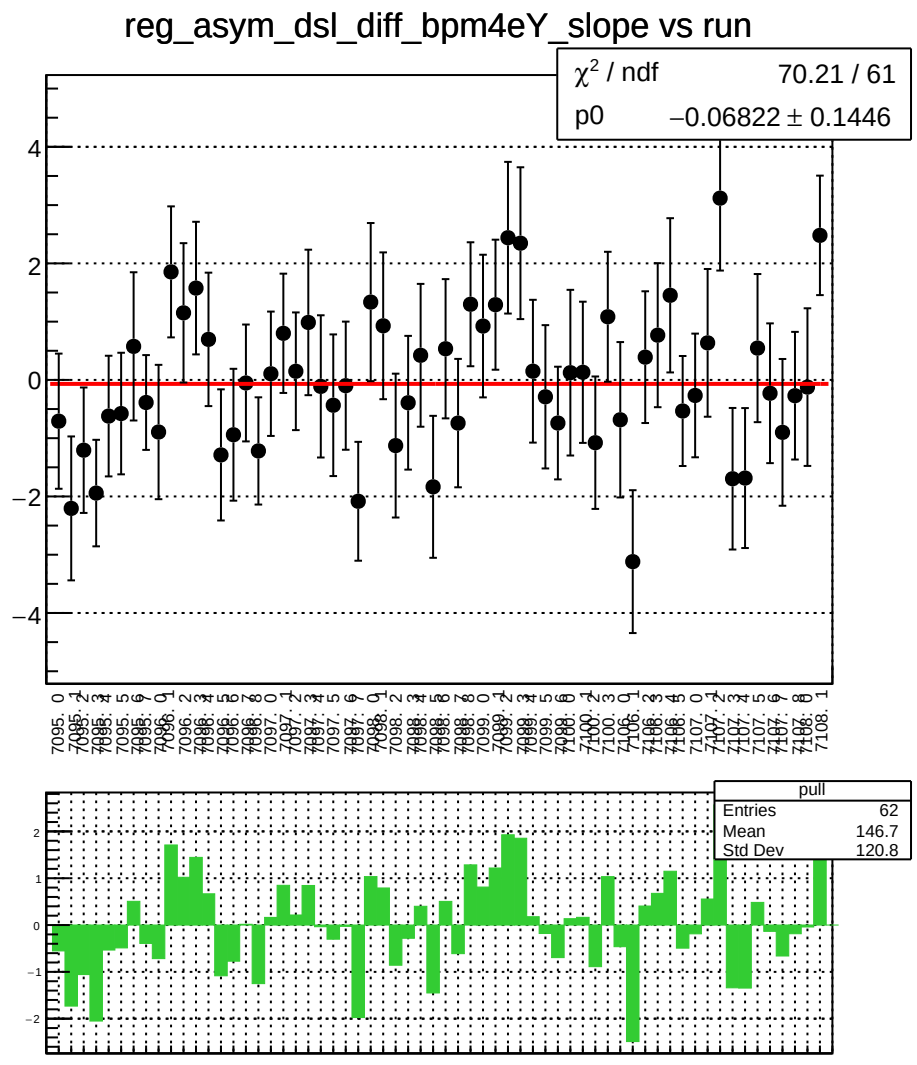

reg_asym_usr_diff_bpm12X_slope vs run
χ² / ndf 26.59 / 61
p0 −38.72 ± 0.09444
pull
Entries 62
Mean −47.21
Std Dev 89.98

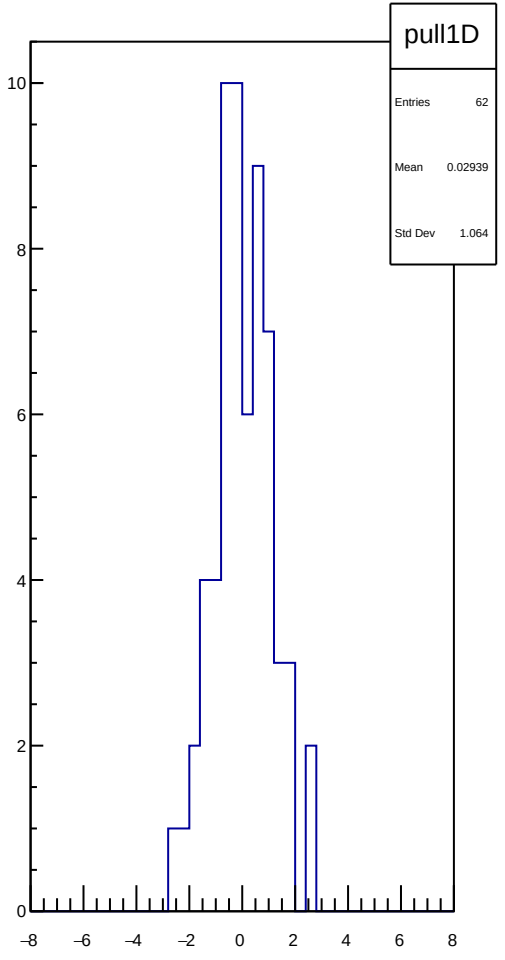

pull1D
Entries 62
Mean −0.01537
Std Dev 0.6547

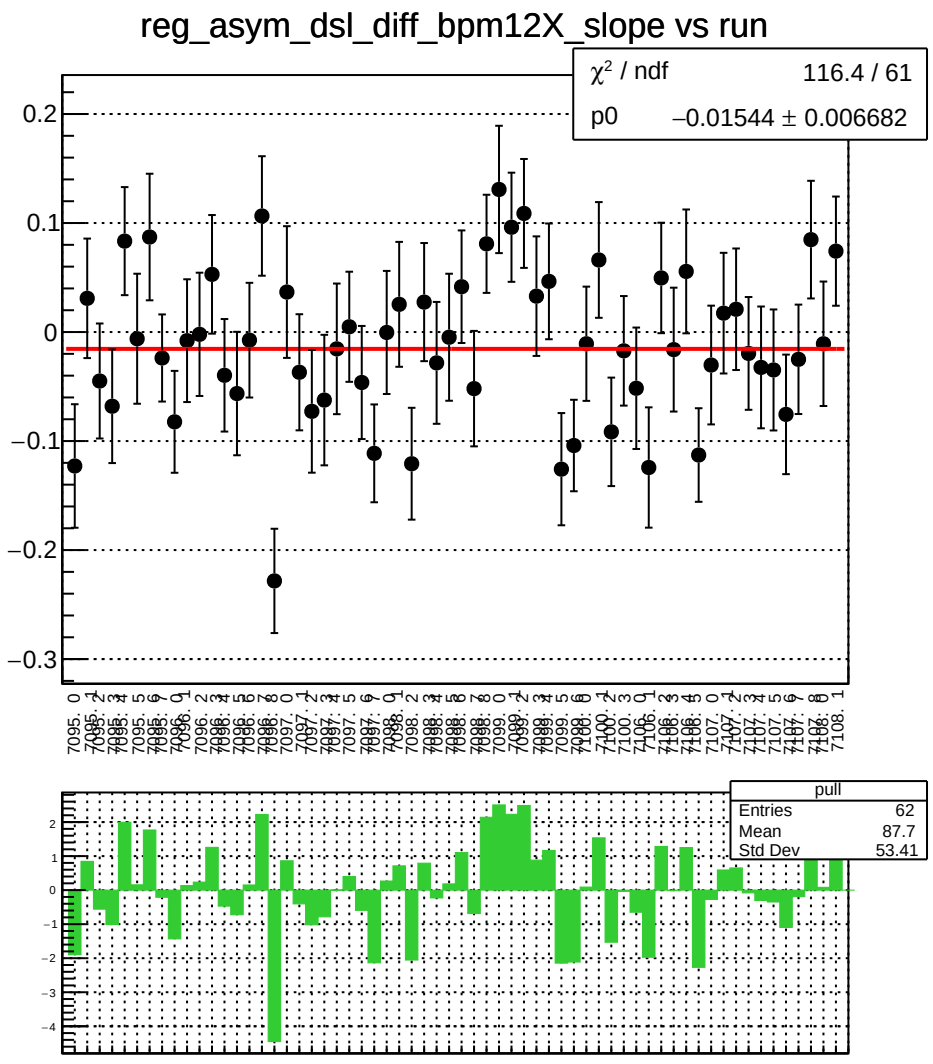

reg_asym_dsl_diff_bpm1X_slope vs run
χ² / ndf 54.33 / 61
p0 0.08312 ± 0.1636
pull
Entries 62
Mean 81.97
Std Dev 49.25
pull1D
Entries 62
Mean −0.0323
Std Dev 0.9355

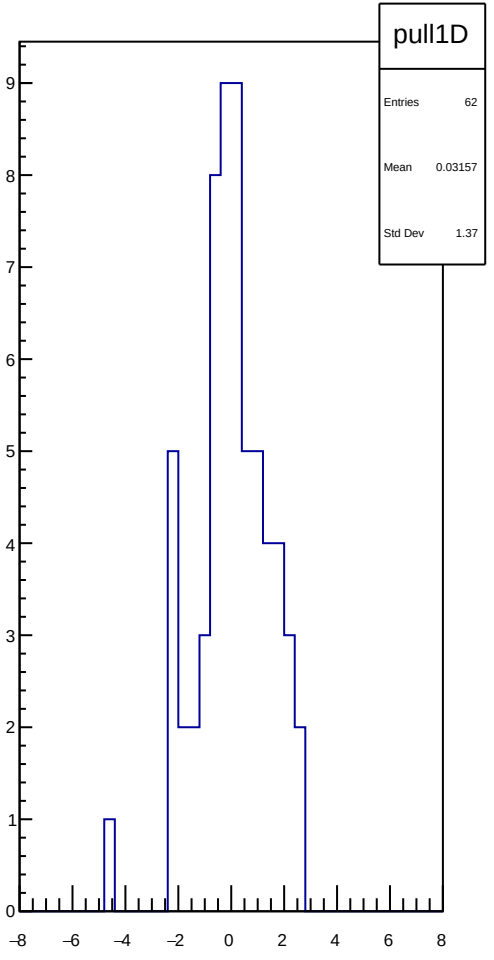

reg_asym_dsl_diff_bpm4aY_slope vs run
χ² / ndf 74.99 / 61
p0 0.006592 ± 0.1355
pull
Entries 62
Mean 320.7
Std Dev 296
pull1D
Entries 62
Mean −0.01294
Std Dev 1.1

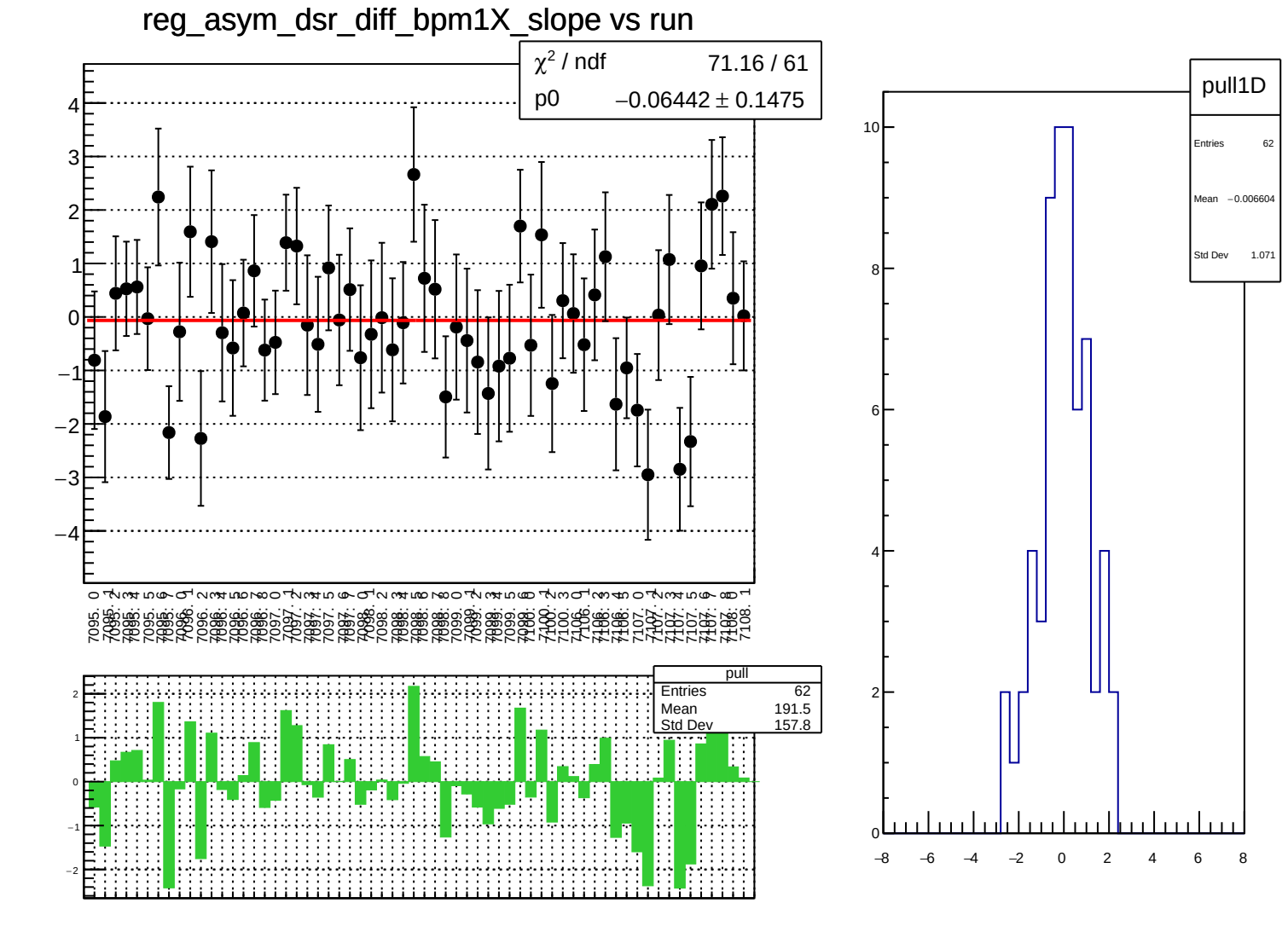

reg_asym_dsl_diff_bpm4eX_slope vs run
χ² / ndf 56.04 / 61
p0 −0.132 ± 0.1594
pull
Entries 62
Mean 81.13
Std Dev 46.75
pull1D
Entries 62
Mean 0.03462
Std Dev 0.9501

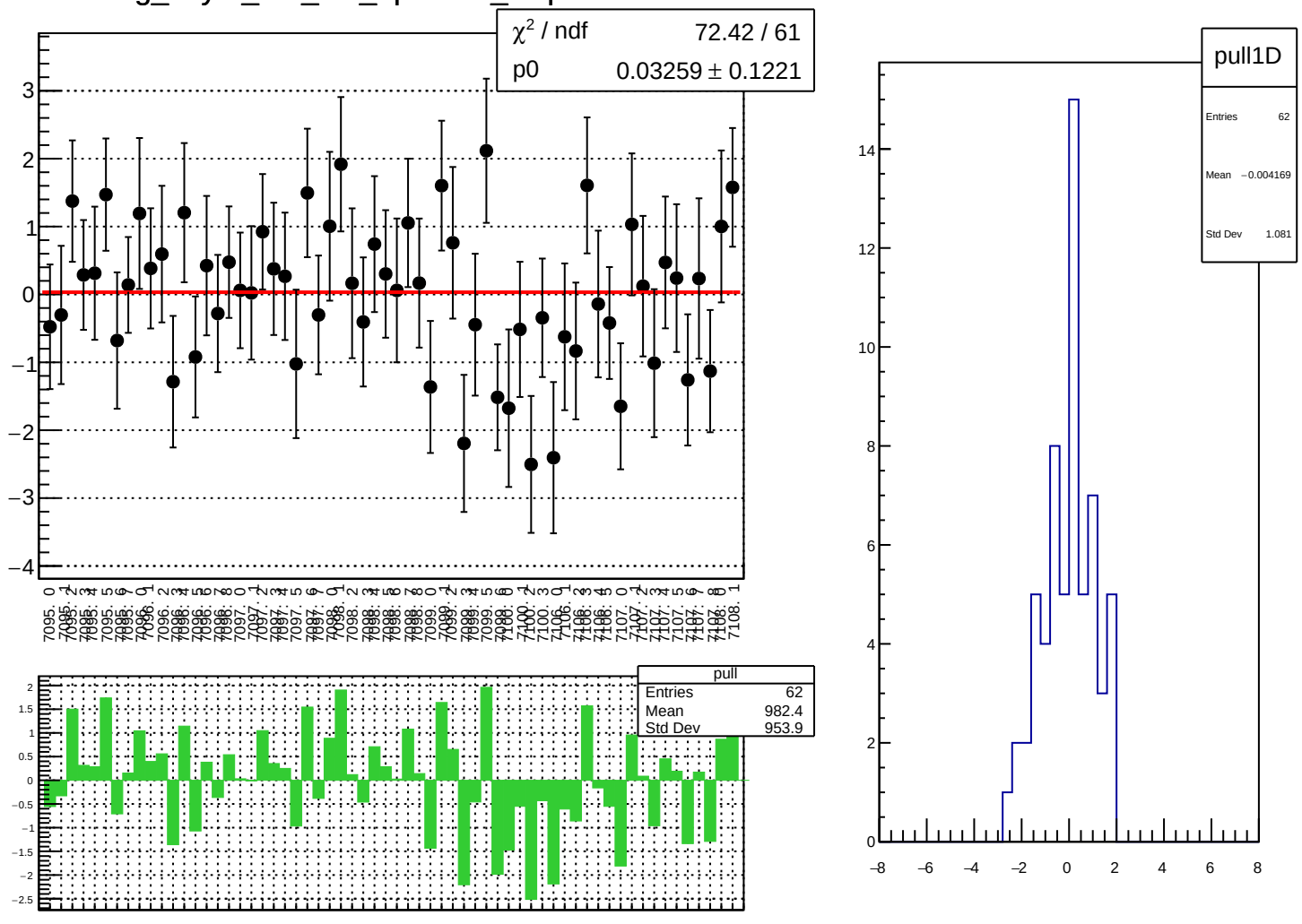

reg_asym_dsl_diff_bpm4eY_slope vs run
χ² / ndf 70.21 / 61
p0 −0.06822 ± 0.1446
pull
Entries 62
Mean 146.7
Std Dev 120.8

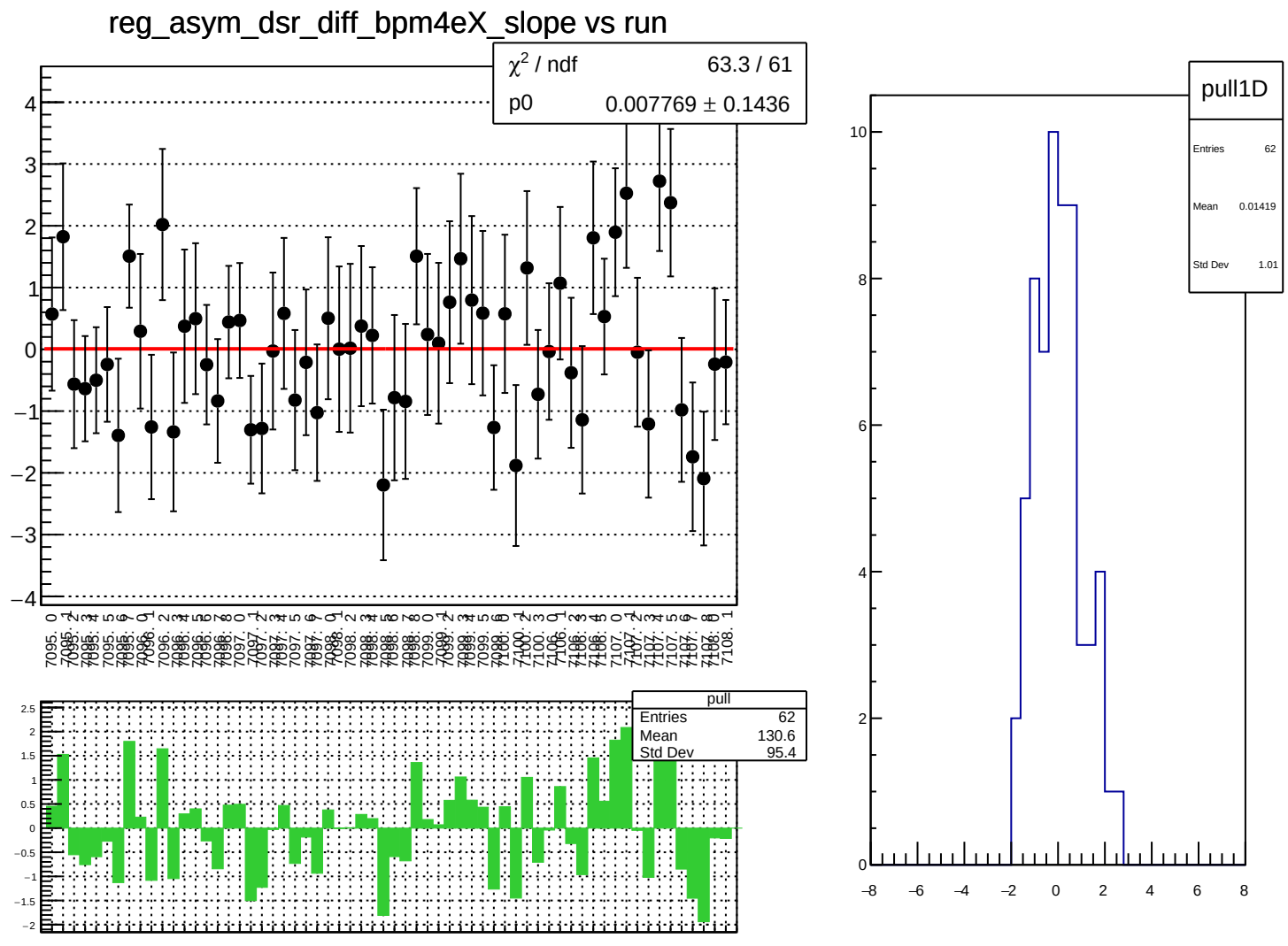

pull1D
Entries 62
Mean 0.02939
Std Dev 1.064

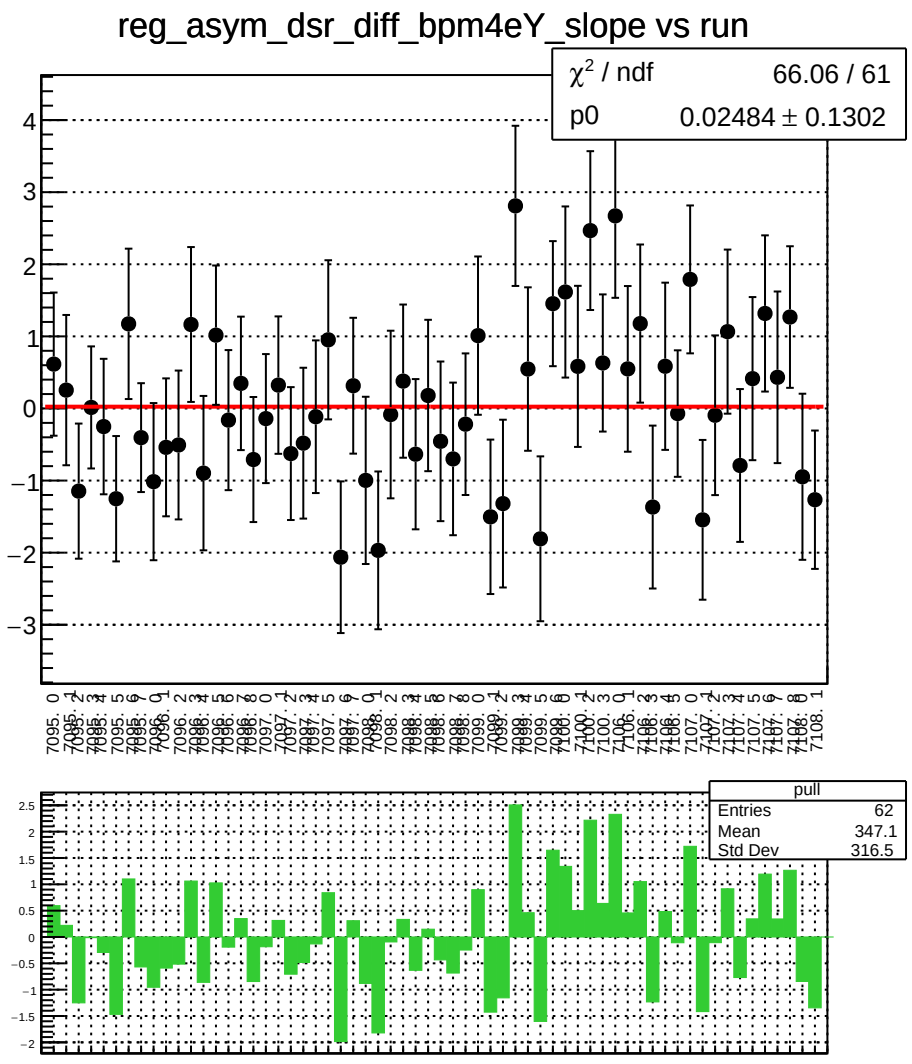

reg_asym_dsl_diff_bpm12X_slope vs run
χ² / ndf 116.4 / 61
p0 −0.01544 ± 0.006682
pull
Entries 62
Mean 87.7
Std Dev 53.41

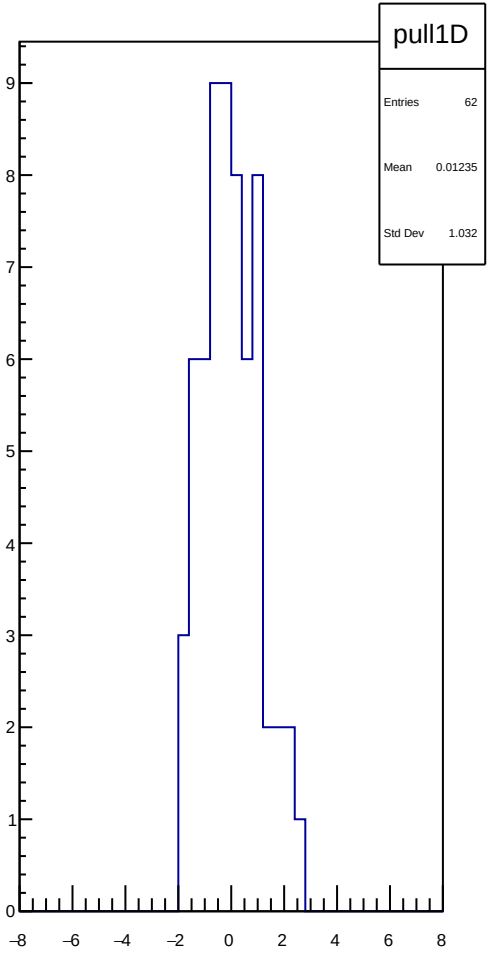

pull1D
Entries 62
Mean 0.03157
Std Dev 1.37

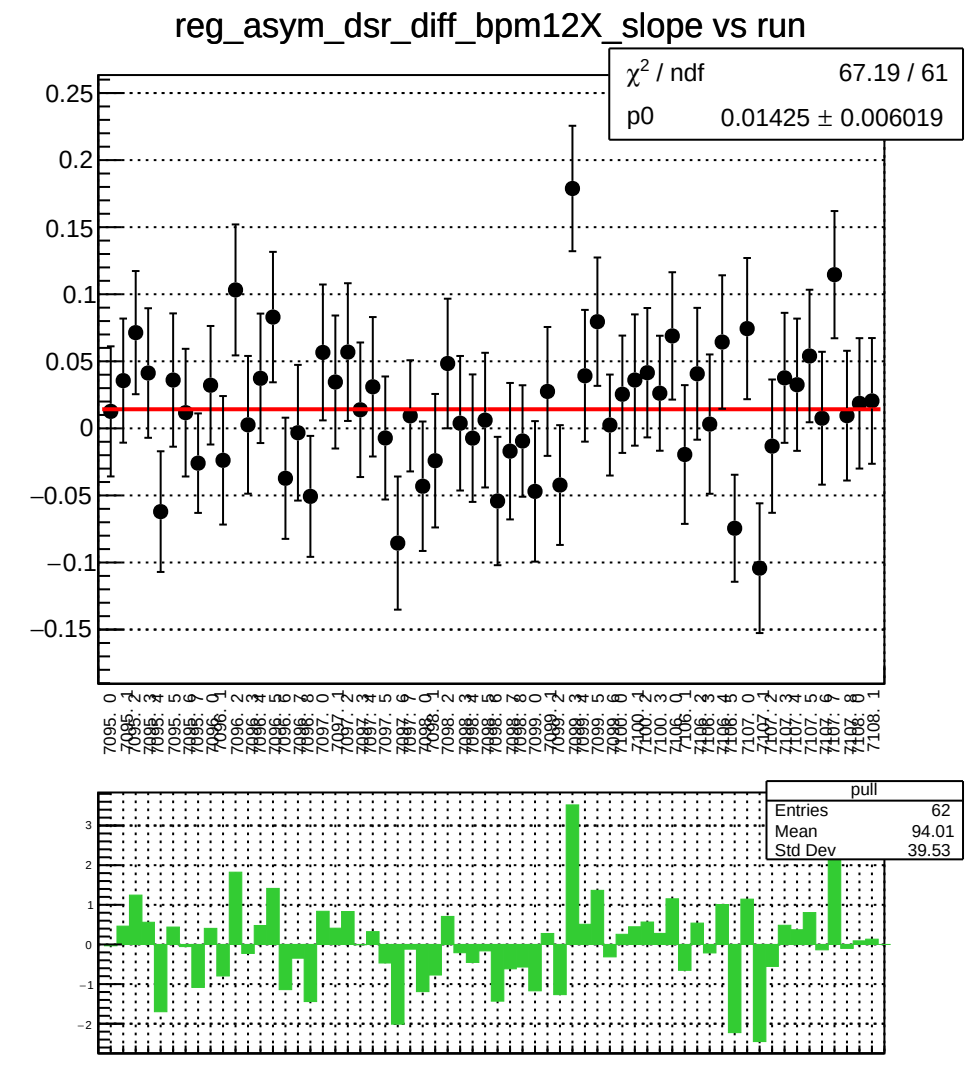

reg_asym_dsr_diff_bpm1X_slope vs run
χ² / ndf 71.16 / 61
p0 −0.06442 ± 0.1475
pull
Entries 62
Mean 191.5
Std Dev 157.8
pull1D
Entries 62
Mean −0.006604
Std Dev 1.071

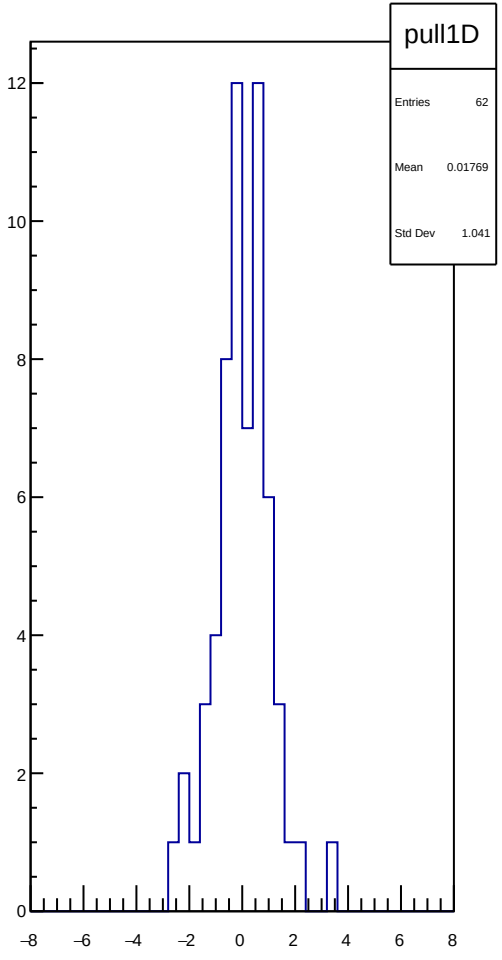

reg_asym_dsr_diff_bpm4aY_slope vs run
χ² / ndf 72.42 / 61
p0 0.03259 ± 0.1221
pull
Entries 62
Mean 982.4
Std Dev 953.9
pull1D
Entries 62
Mean −0.004169
Std Dev 1.081

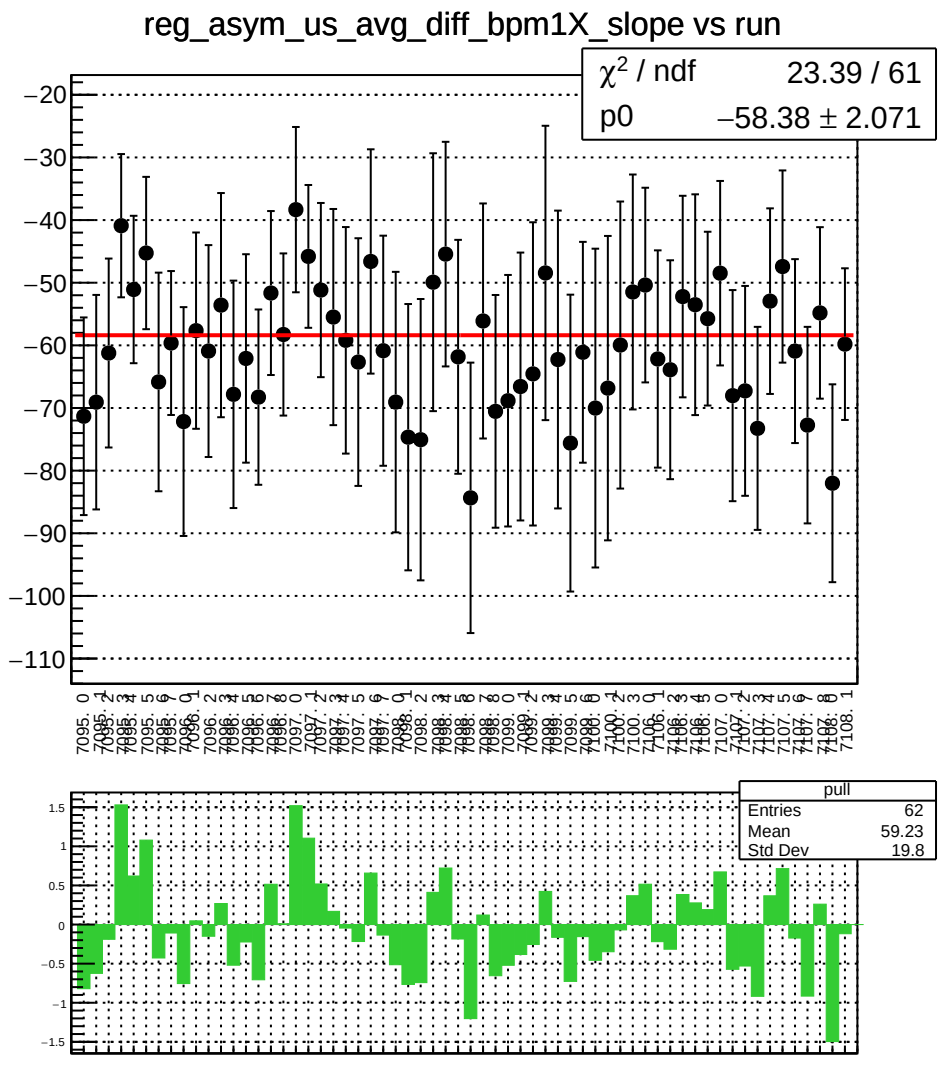

reg_asym_dsr_diff_bpm4eX_slope vs run
χ² / ndf 63.3 / 61
p0 0.007769 ± 0.1436
pull
Entries 62
Mean 130.6
Std Dev 95.4
pull1D
Entries 62
Mean 0.01419
Std Dev 1.01

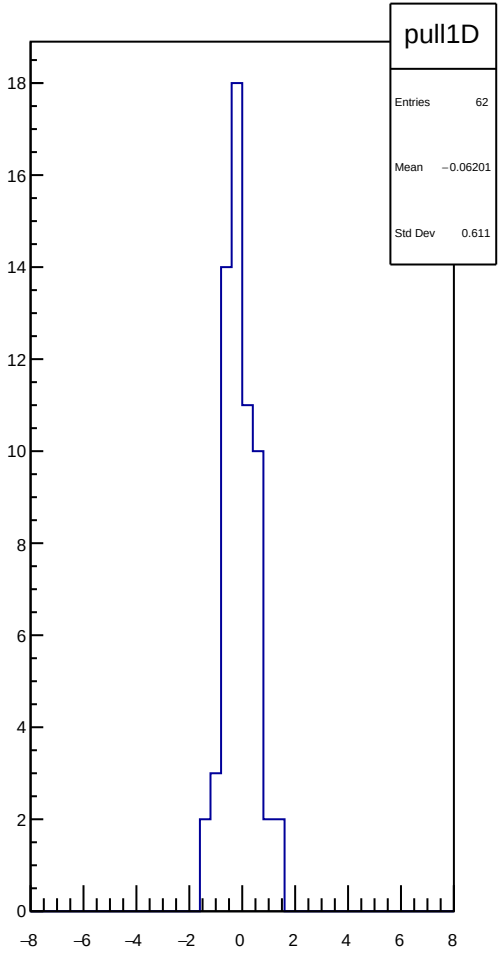

reg_asym_dsr_diff_bpm4eY_slope vs run
χ² / ndf 66.06 / 61
p0 0.02484 ± 0.1302
pull
Entries 62
Mean 347.1
Std Dev 316.5

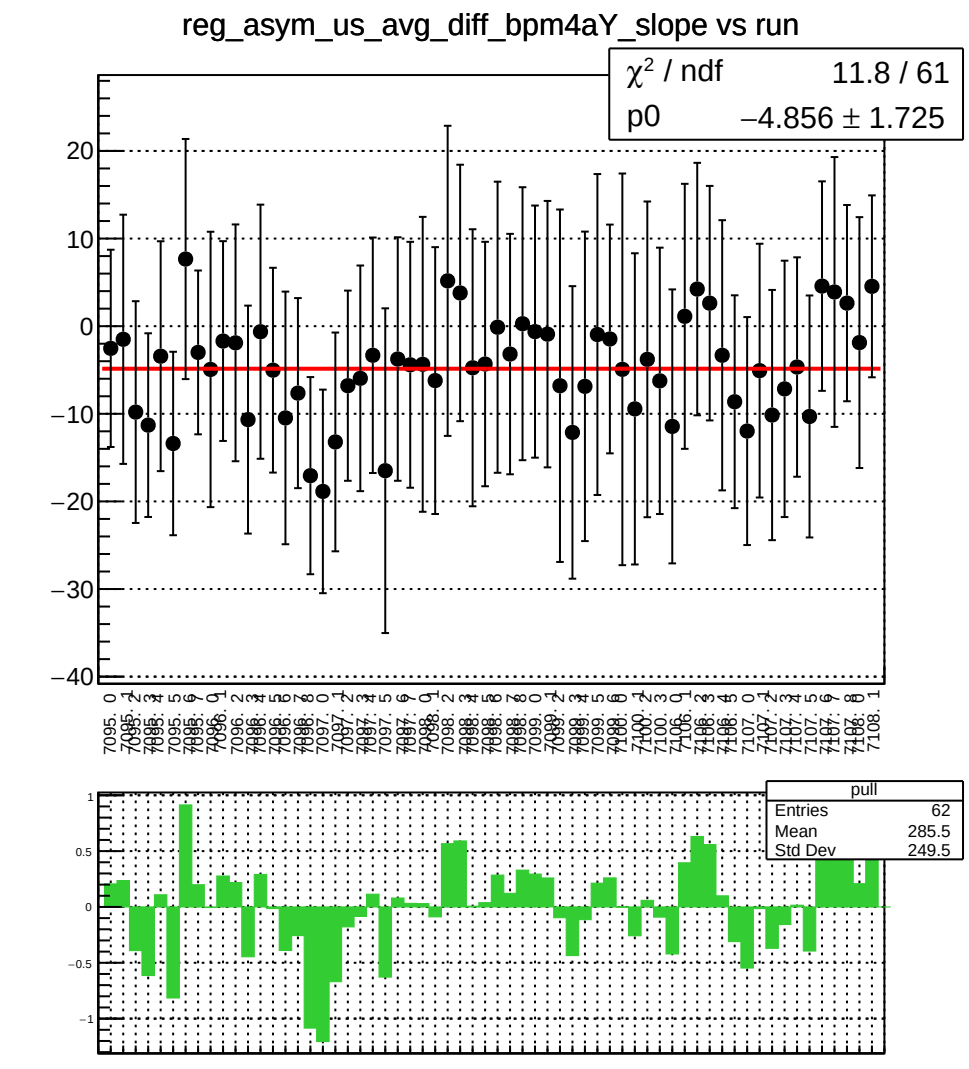

pull1D
Entries 62
Mean 0.01235
Std Dev 1.032

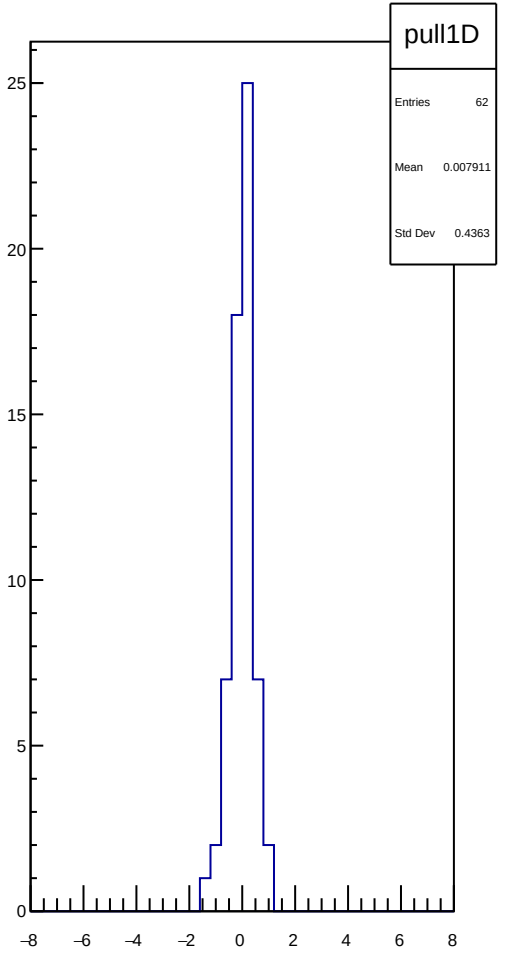

reg_asym_dsr_diff_bpm12X_slope vs run
χ² / ndf 67.19 / 61
p0 0.01425 ± 0.006019
pull
Entries 62
Mean 94.01
Std Dev 39.53

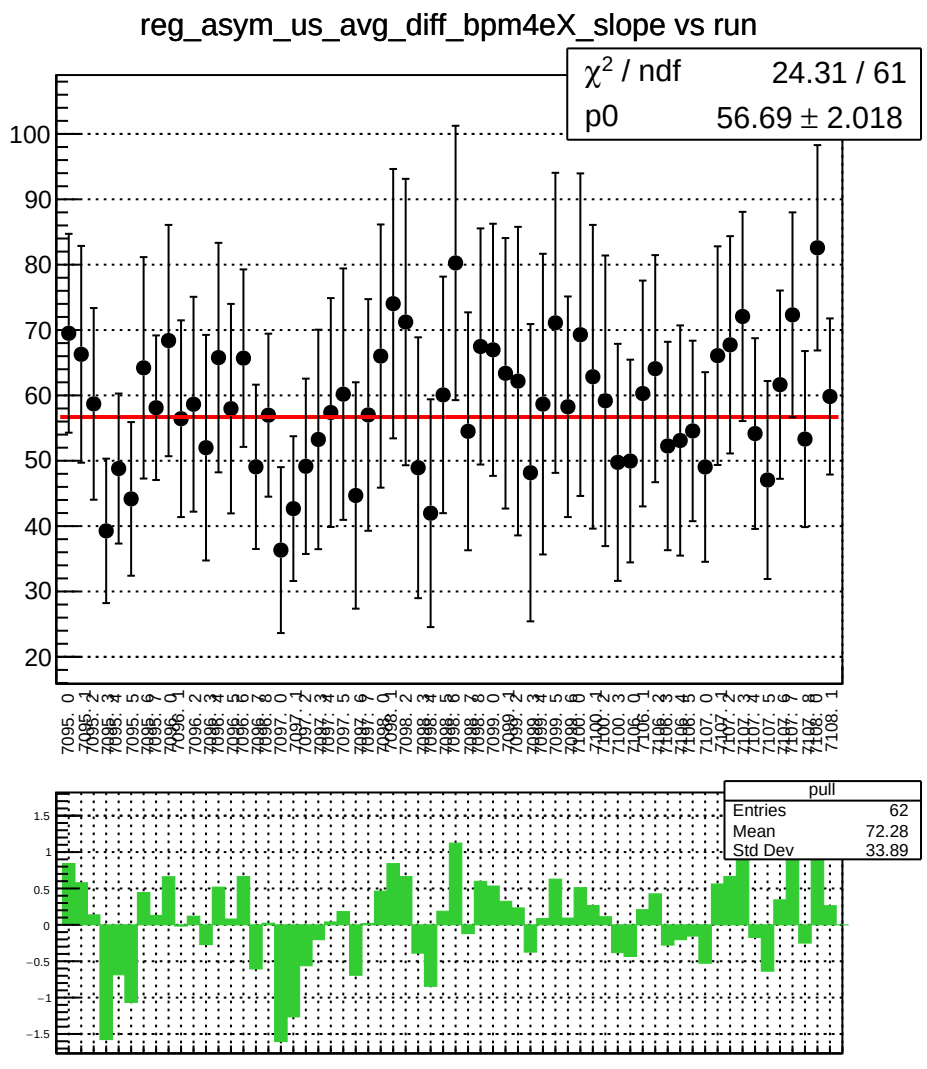

pull1D
Entries 62
Mean 0.01769
Std Dev 1.041

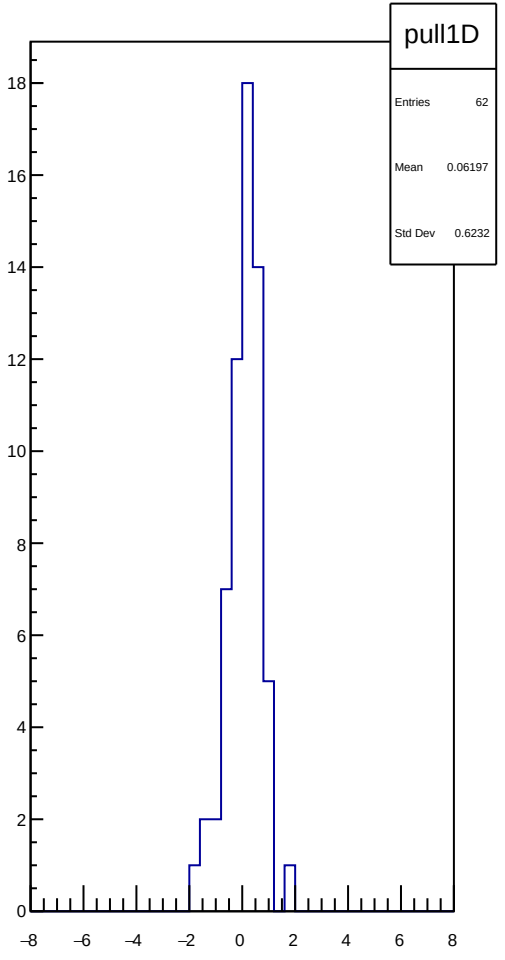

reg_asym_us_avg_diff_bpm1X_slope vs run
χ² / ndf 23.39 / 61
p0 −58.38 ± 2.071
pull
Entries 62
Mean 59.23
Std Dev 19.8

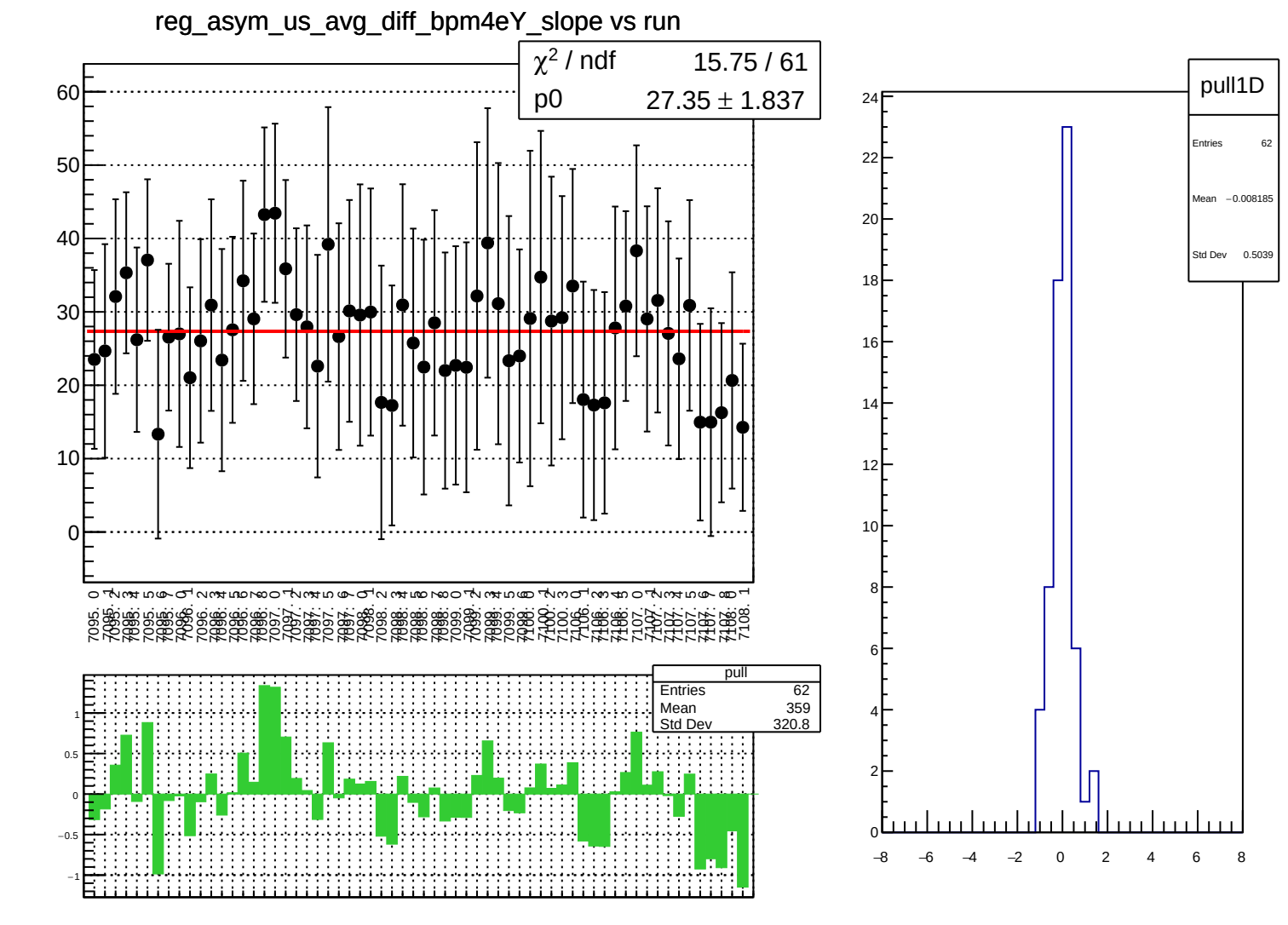

pull1D
Entries 62
Mean −0.06201
Std Dev 0.611

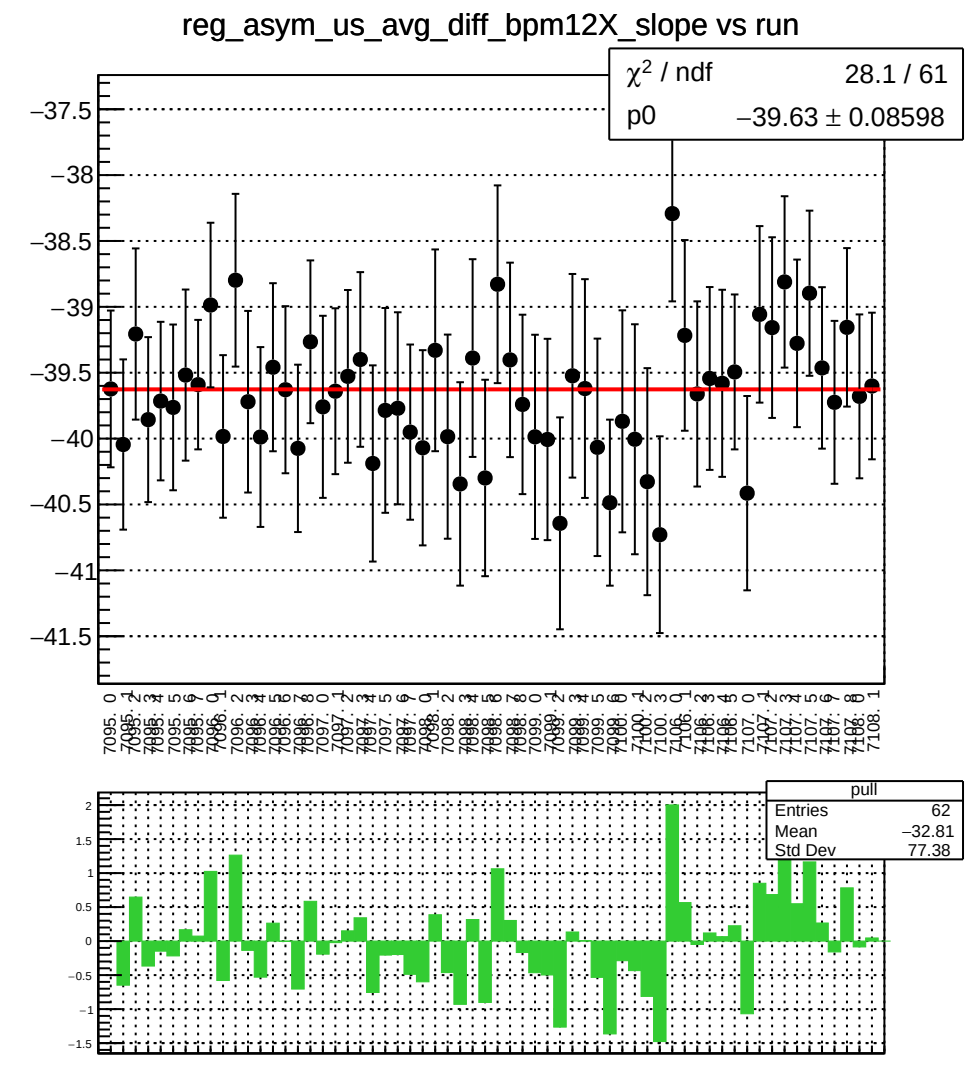

reg_asym_us_avg_diff_bpm4aY_slope vs run
χ² / ndf 11.8 / 61
p0 −4.856 ± 1.725
pull
Entries 62
Mean 285.5
Std Dev 249.5

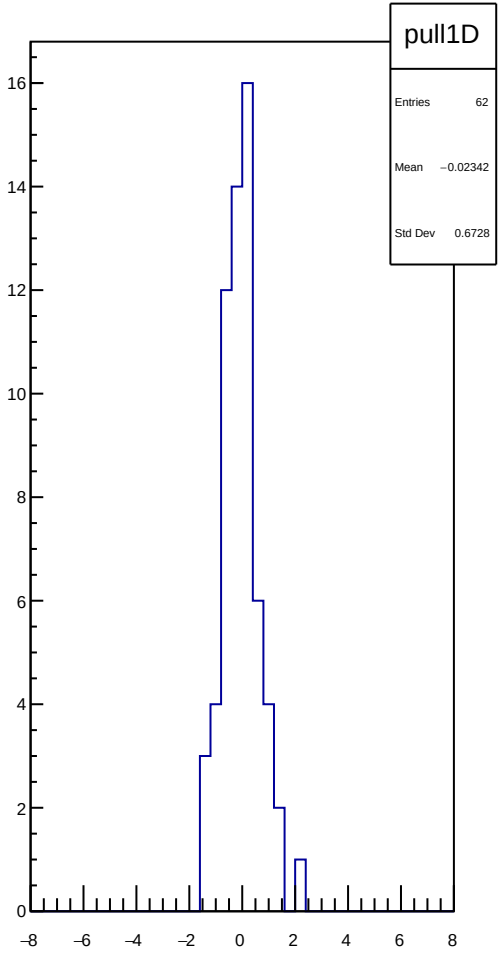

pull1D
Entries 62
Mean 0.007911
Std Dev 0.4363

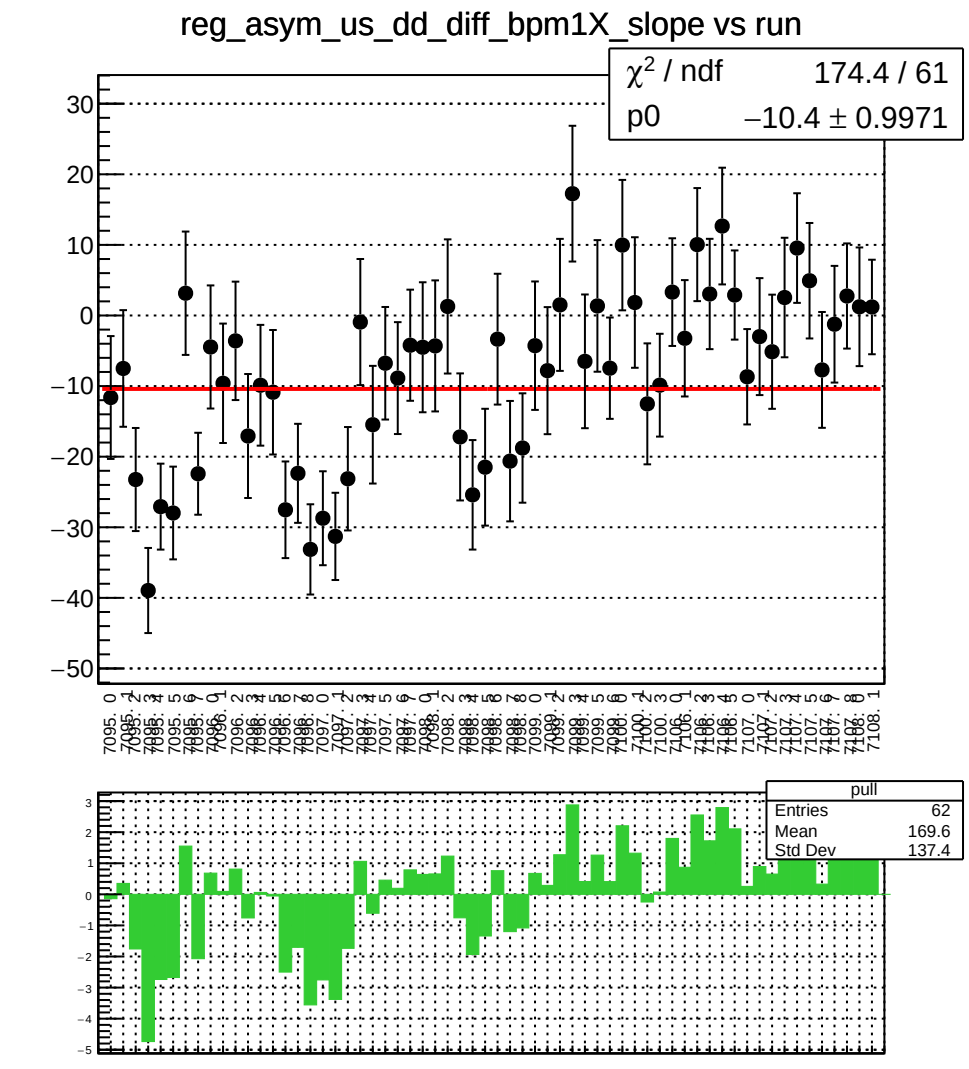

reg_asym_us_avg_diff_bpm4eX_slope vs run
χ² / ndf 24.31 / 61
p0 56.69 ± 2.018
pull
Entries 62
Mean 72.28
Std Dev 33.89

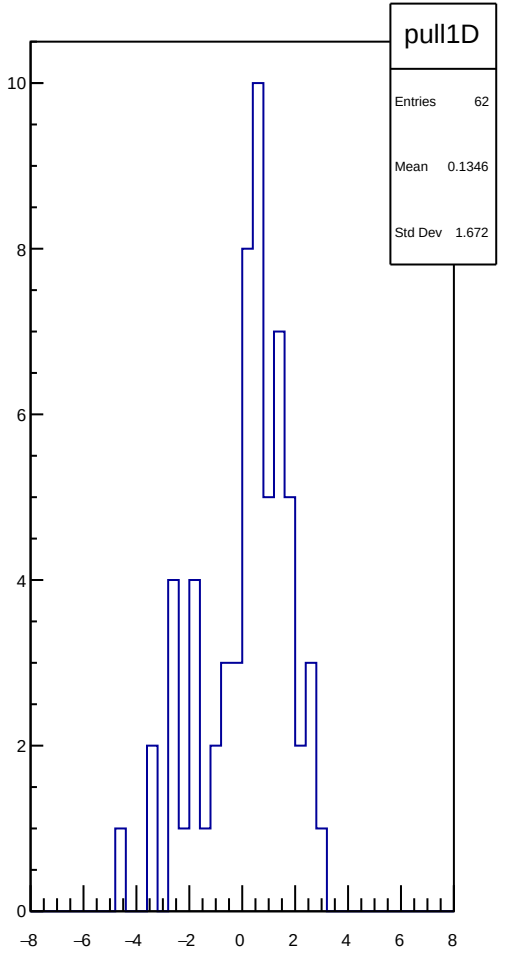

pull1D
Entries 62
Mean 0.06197
Std Dev 0.6232

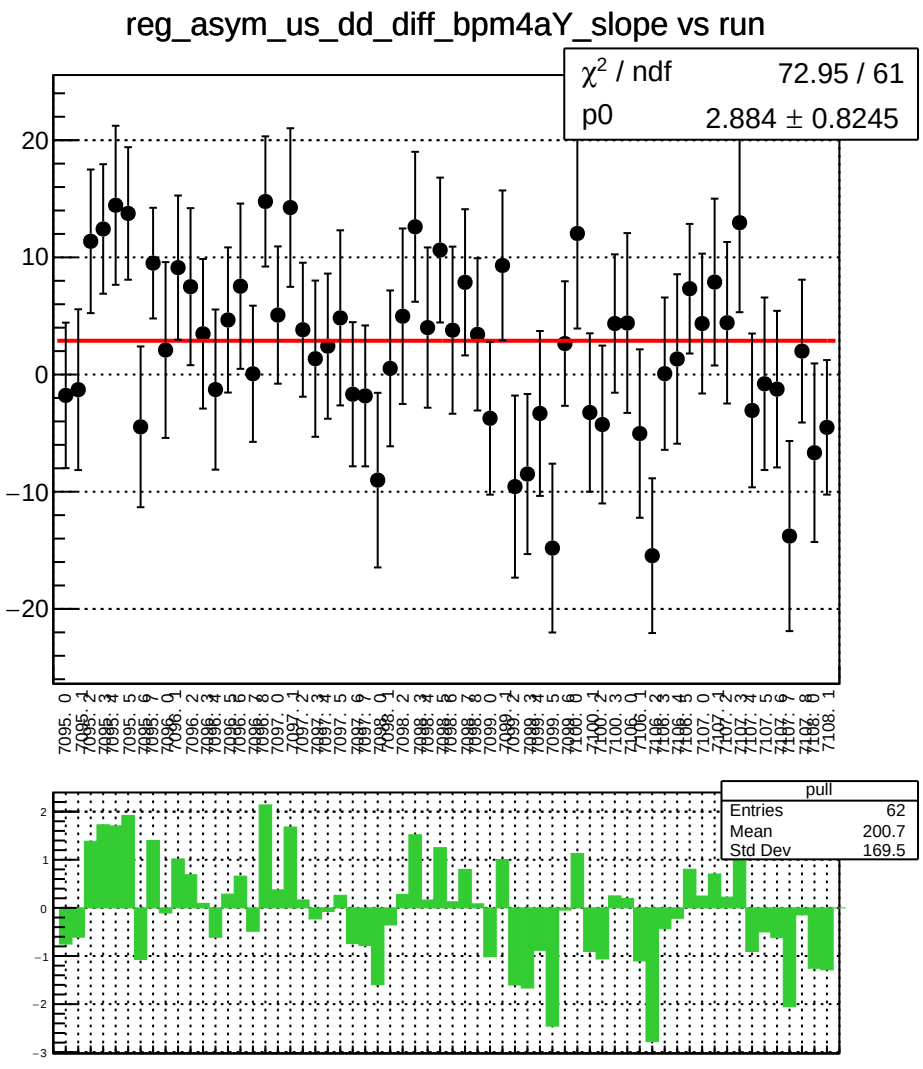

reg_asym_us_avg_diff_bpm4eY_slope vs run
χ² / ndf 15.75 / 61
p0 27.35 ± 1.837
pull
Entries 62
Mean 359
Std Dev 320.8
pull1D
Entries 62
Mean −0.008185
Std Dev 0.5039

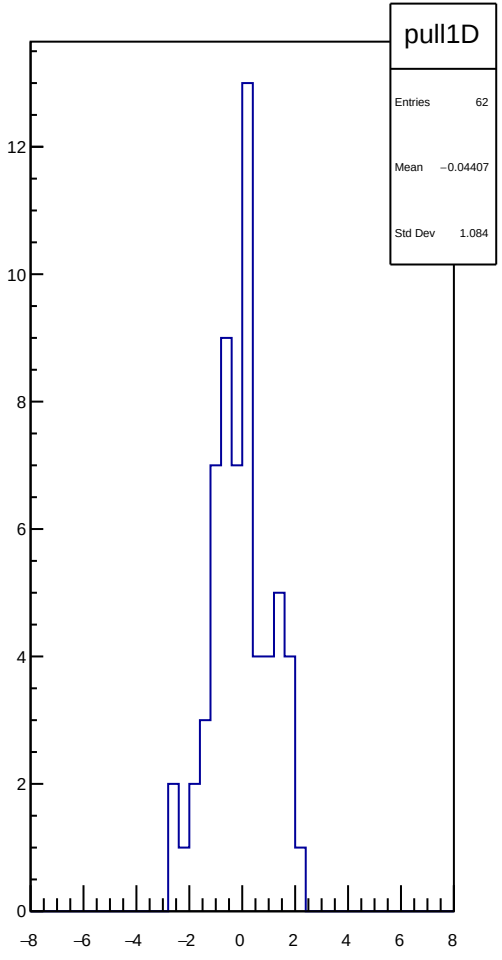

reg_asym_us_avg_diff_bpm12X_slope vs run
χ² / ndf 28.1 / 61
p0 −39.63 ± 0.08598
pull
Entries 62
Mean −32.81
Std Dev 77.38

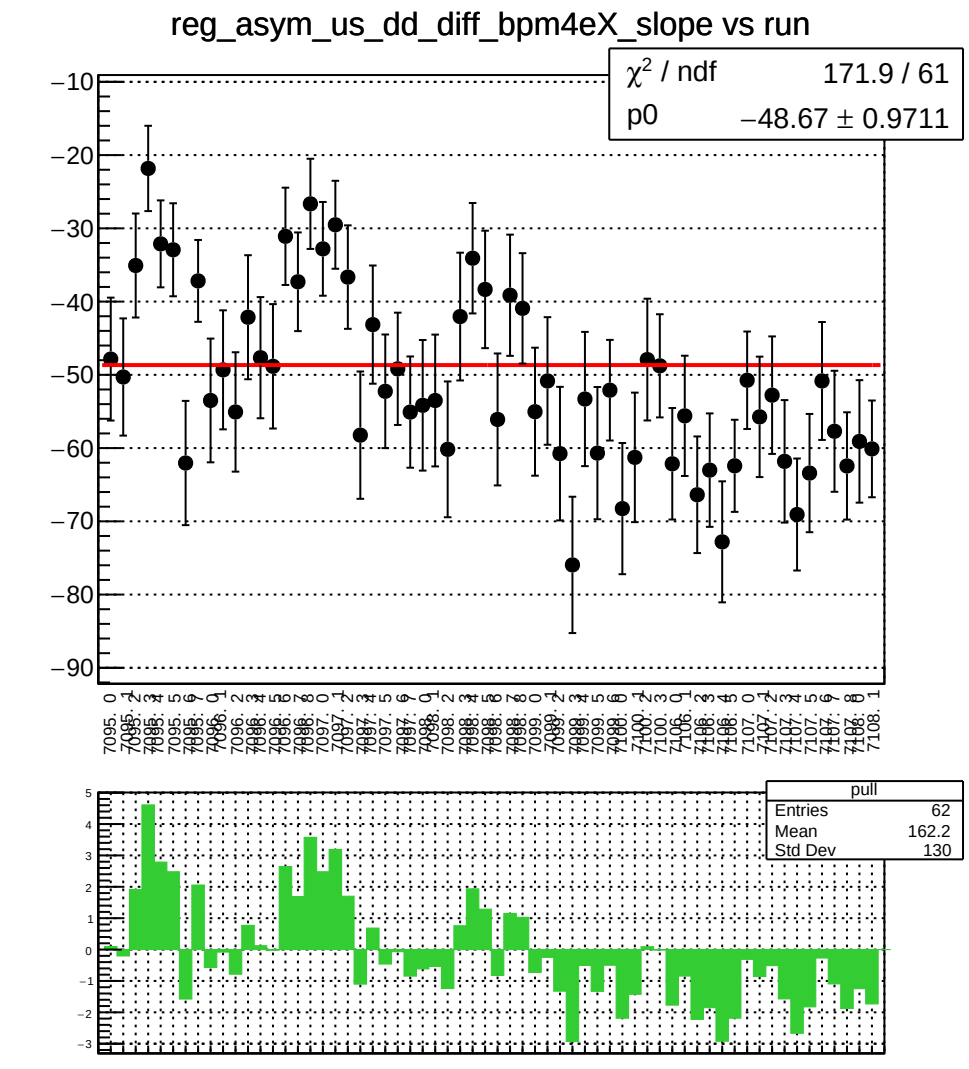

pull1D
Entries 62
Mean −0.02342
Std Dev 0.6728

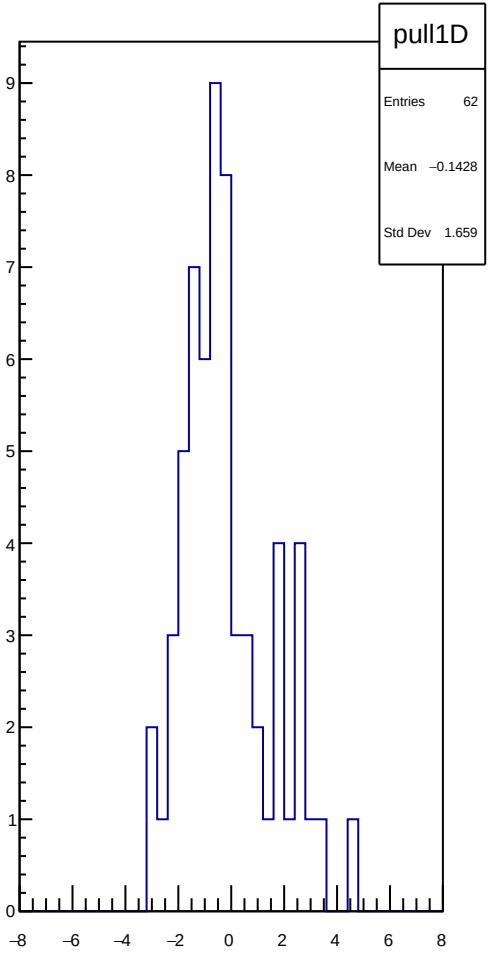

reg_asym_us_dd_diff_bpm1X_slope vs run
χ² / ndf 174.4 / 61
p0 −10.4 ± 0.9971
pull
Entries 62
Mean 169.6
Std Dev 137.4

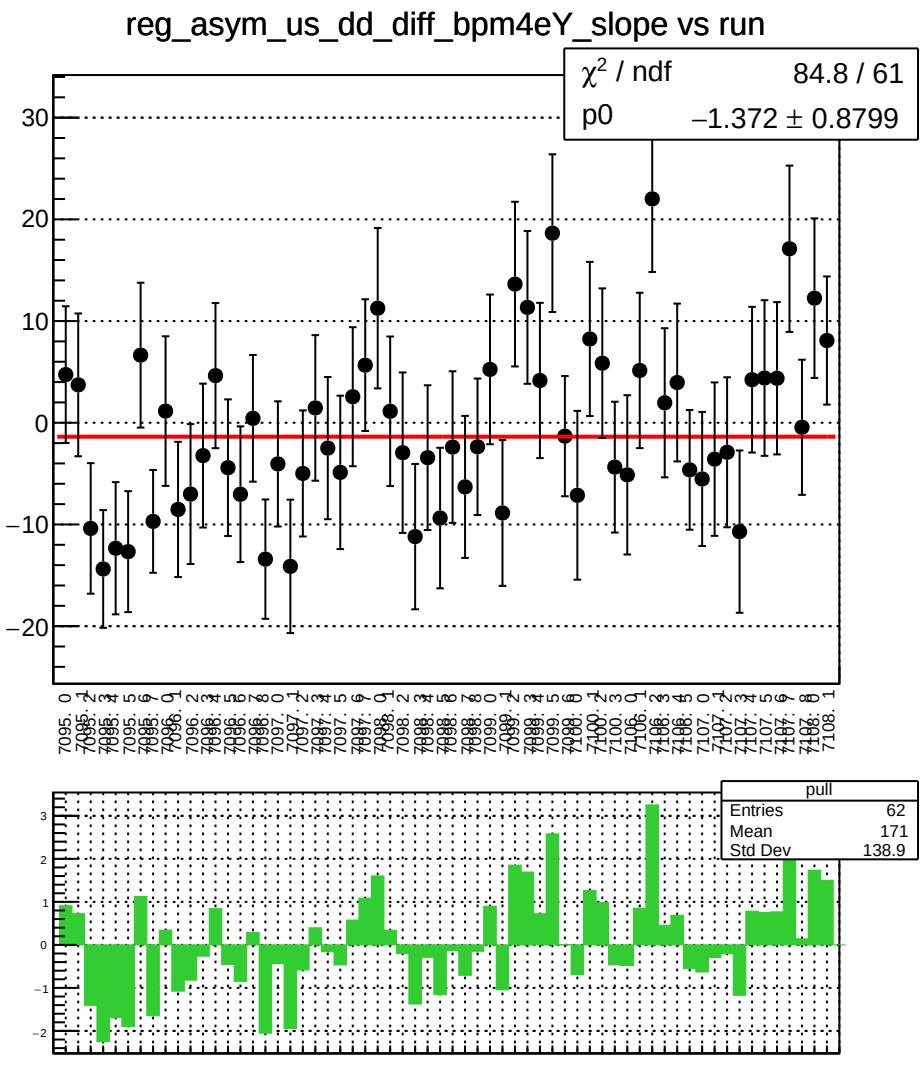

pull1D
Entries 62
Mean 0.1346
Std Dev 1.672

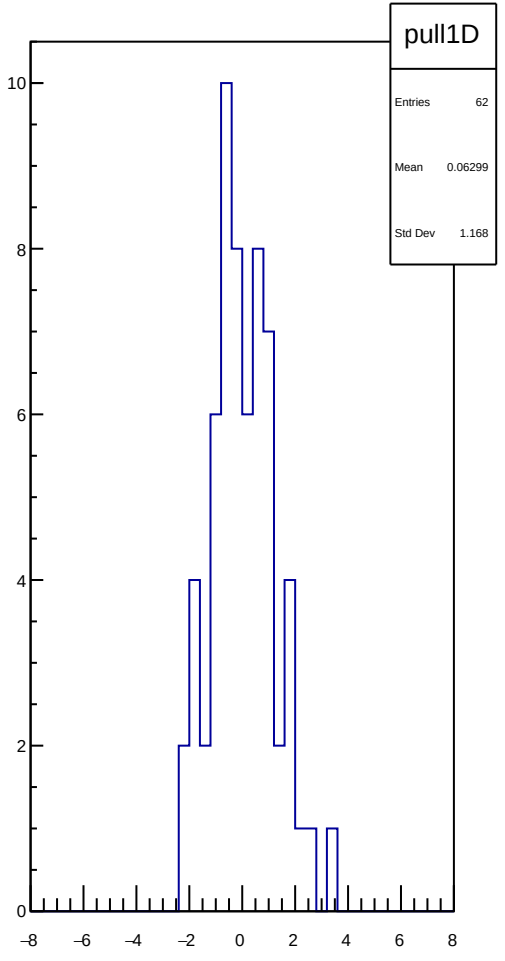

reg_asym_us_dd_diff_bpm4aY_slope vs run
χ² / ndf 72.95 / 61
p0 2.884 ± 0.8245
pull
Entries 62
Mean 200.7
Std Dev 169.5

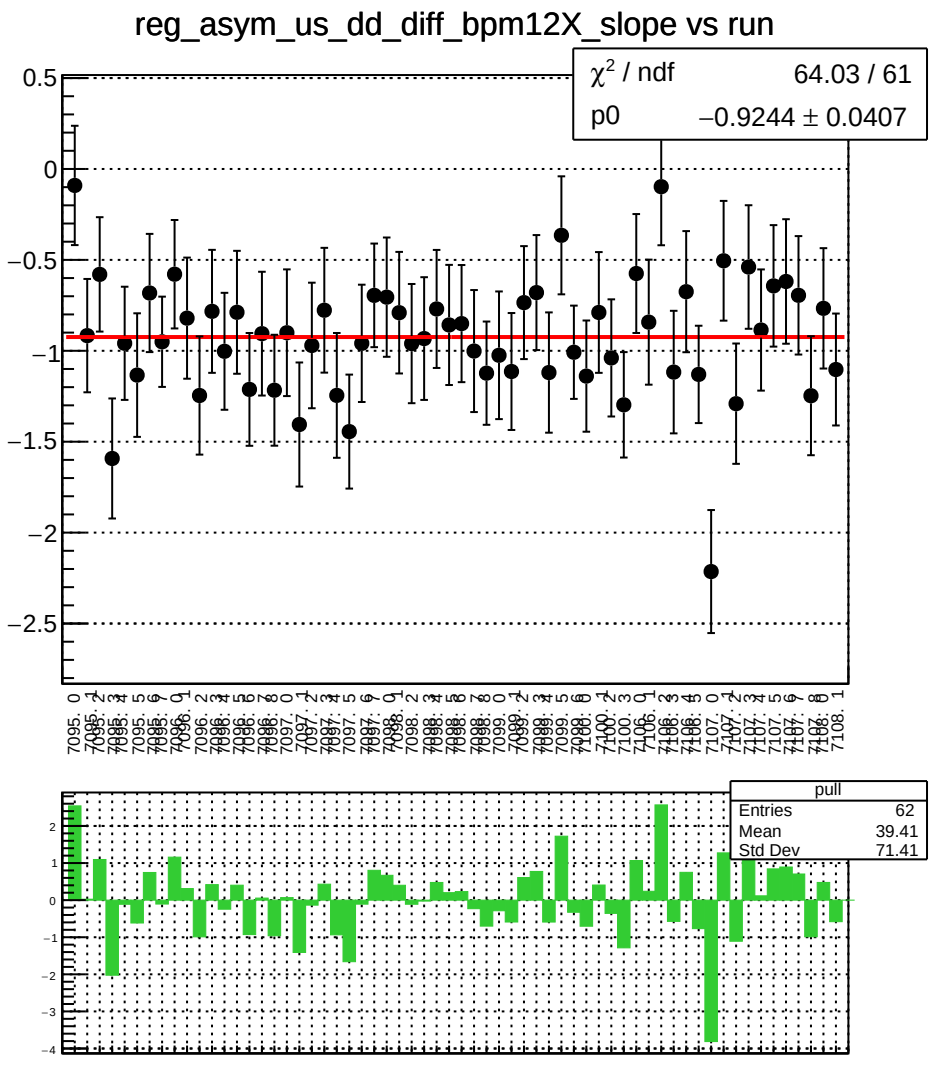

pull1D
Entries 62
Mean −0.04407
Std Dev 1.084

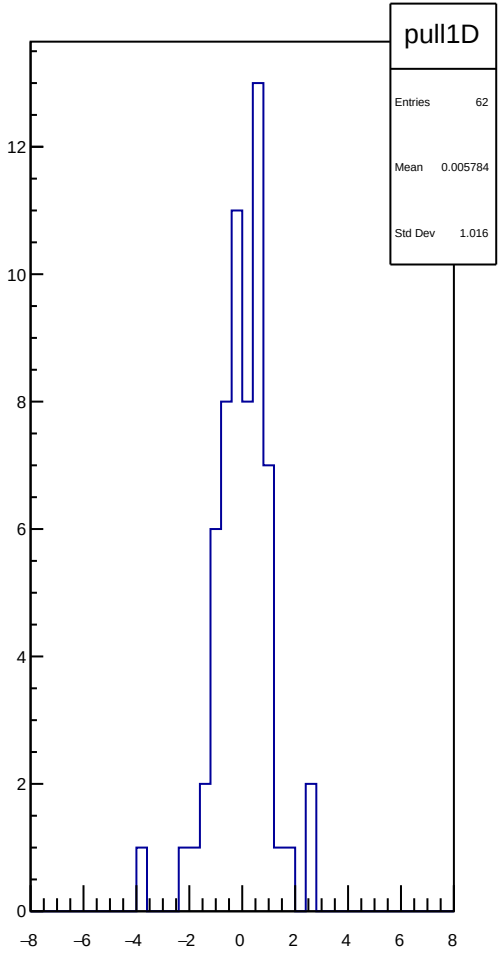

reg_asym_us_dd_diff_bpm4eX_slope vs run
χ² / ndf 171.9 / 61
p0 −48.67 ± 0.9711
pull
Entries 62
Mean 162.2
Std Dev 130

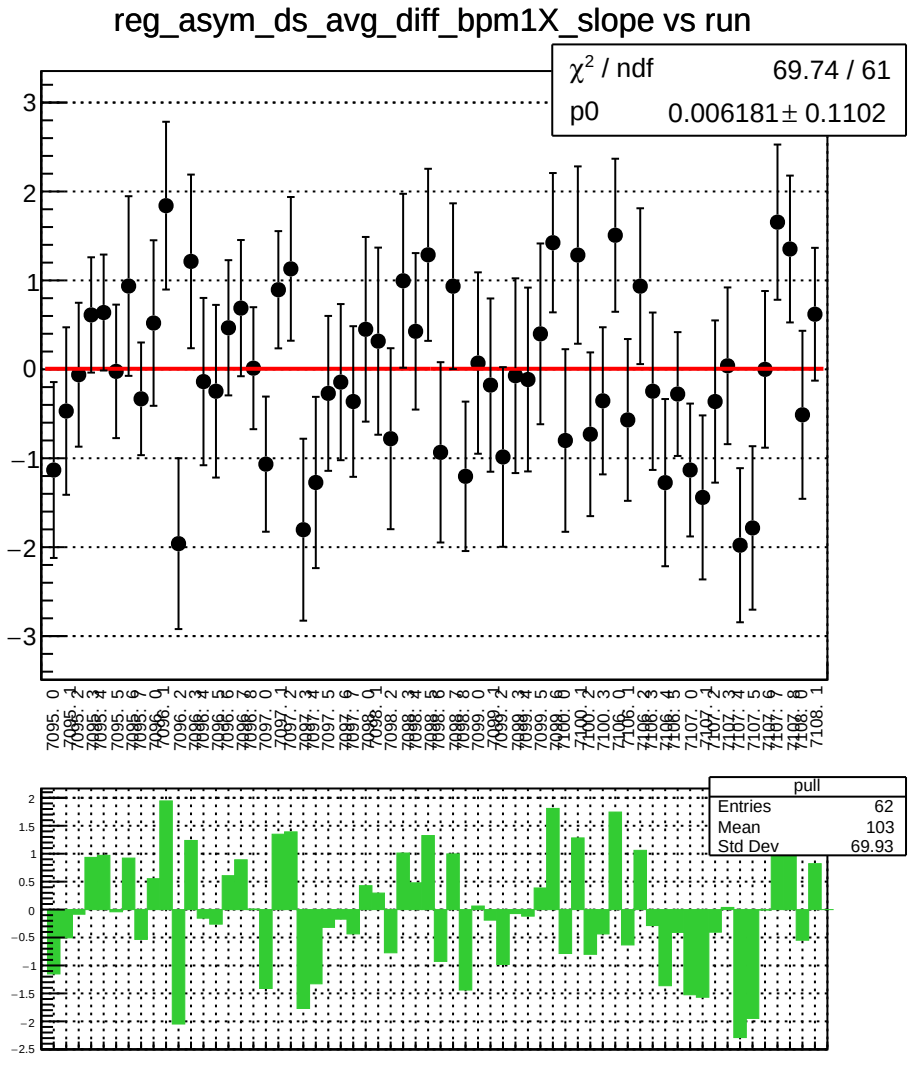

pull1D
Entries 62
Mean −0.1428
Std Dev 1.659

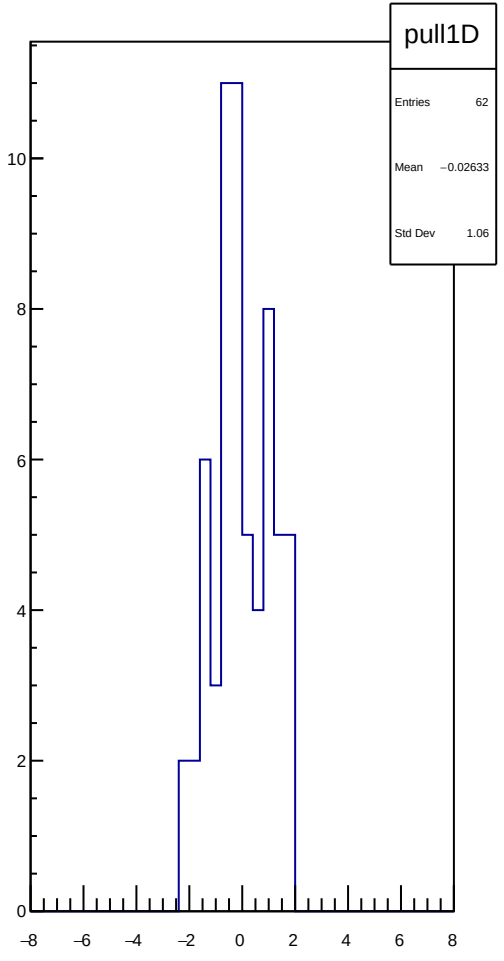

reg_asym_us_dd_diff_bpm4eY_slope vs run
χ² / ndf 84.8 / 61
p0 −1.372 ± 0.8799
pull
Entries 62
Mean 171
Std Dev 138.9

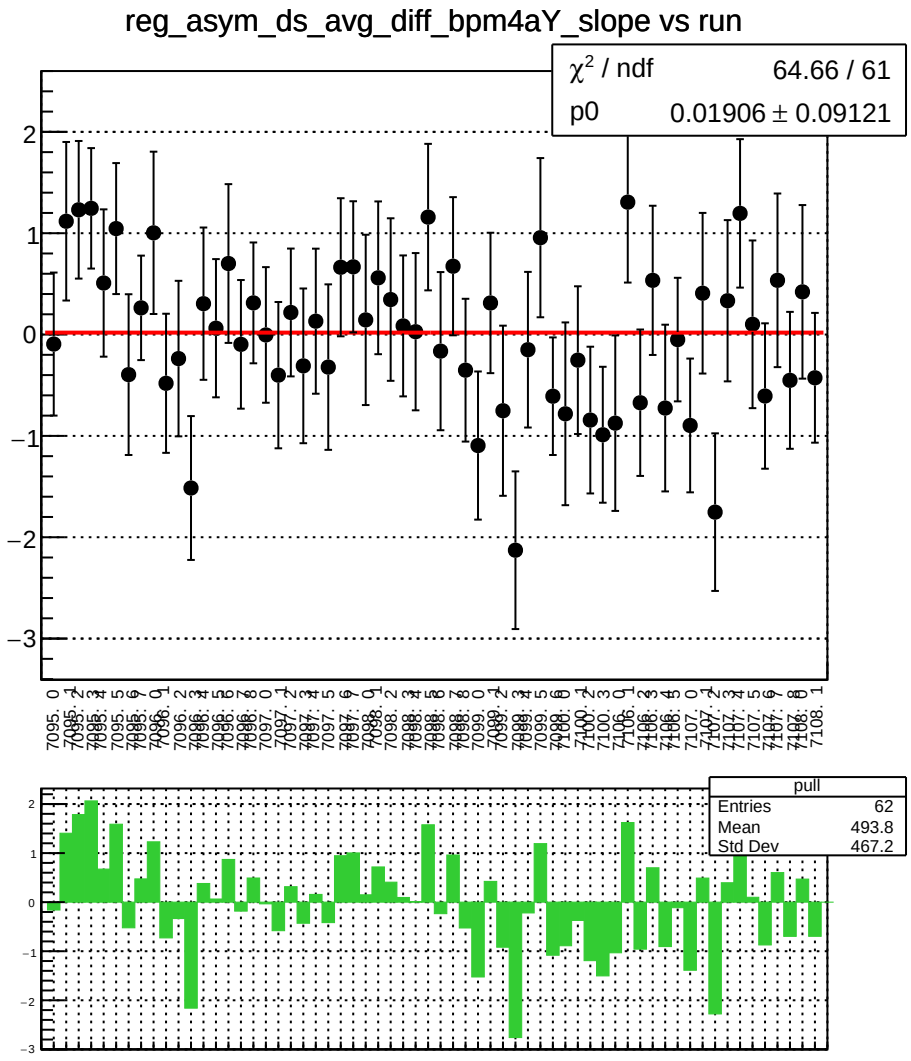

pull1D
Entries 62
Mean 0.06299
Std Dev 1.168

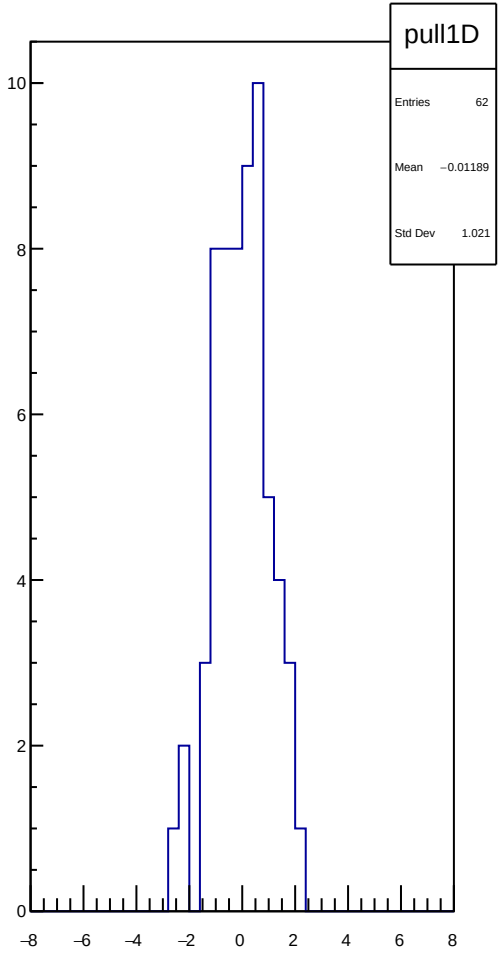

reg_asym_us_dd_diff_bpm12X_slope vs run
χ² / ndf 64.03 / 61
p0 −0.9244 ± 0.0407
pull
Entries 62
Mean 39.41
Std Dev 71.41

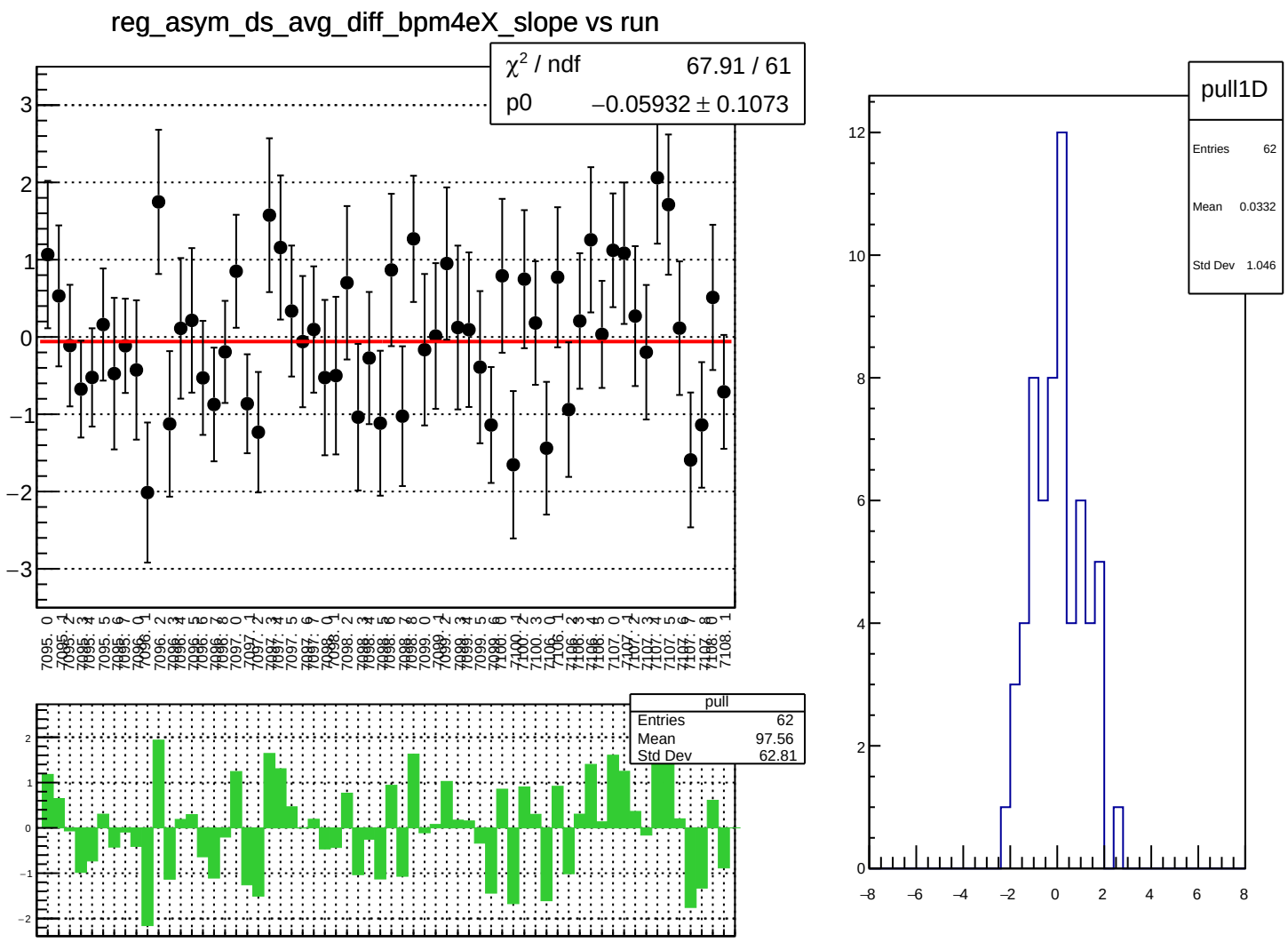

pull1D
Entries 62
Mean 0.005784
Std Dev 1.016

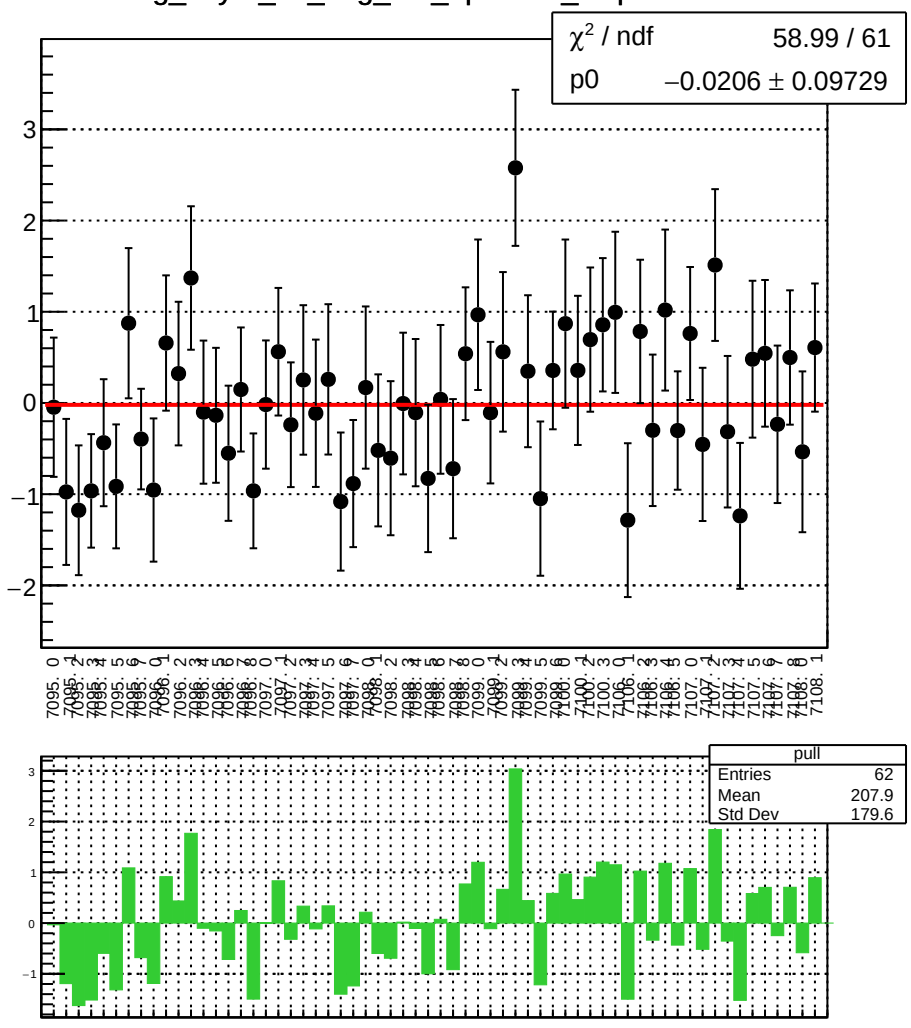

reg_asym_ds_avg_diff_bpm1X_slope vs run
χ² / ndf 69.74 / 61
p0 0.006181 ± 0.1102
pull
Entries 62
Mean 103
Std Dev 69.93

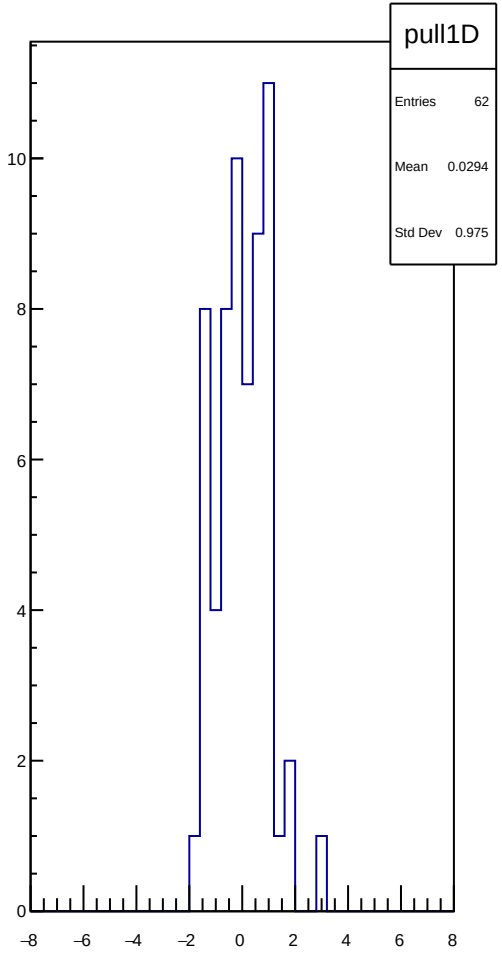

pull1D
Entries 62
Mean −0.02633
Std Dev 1.06

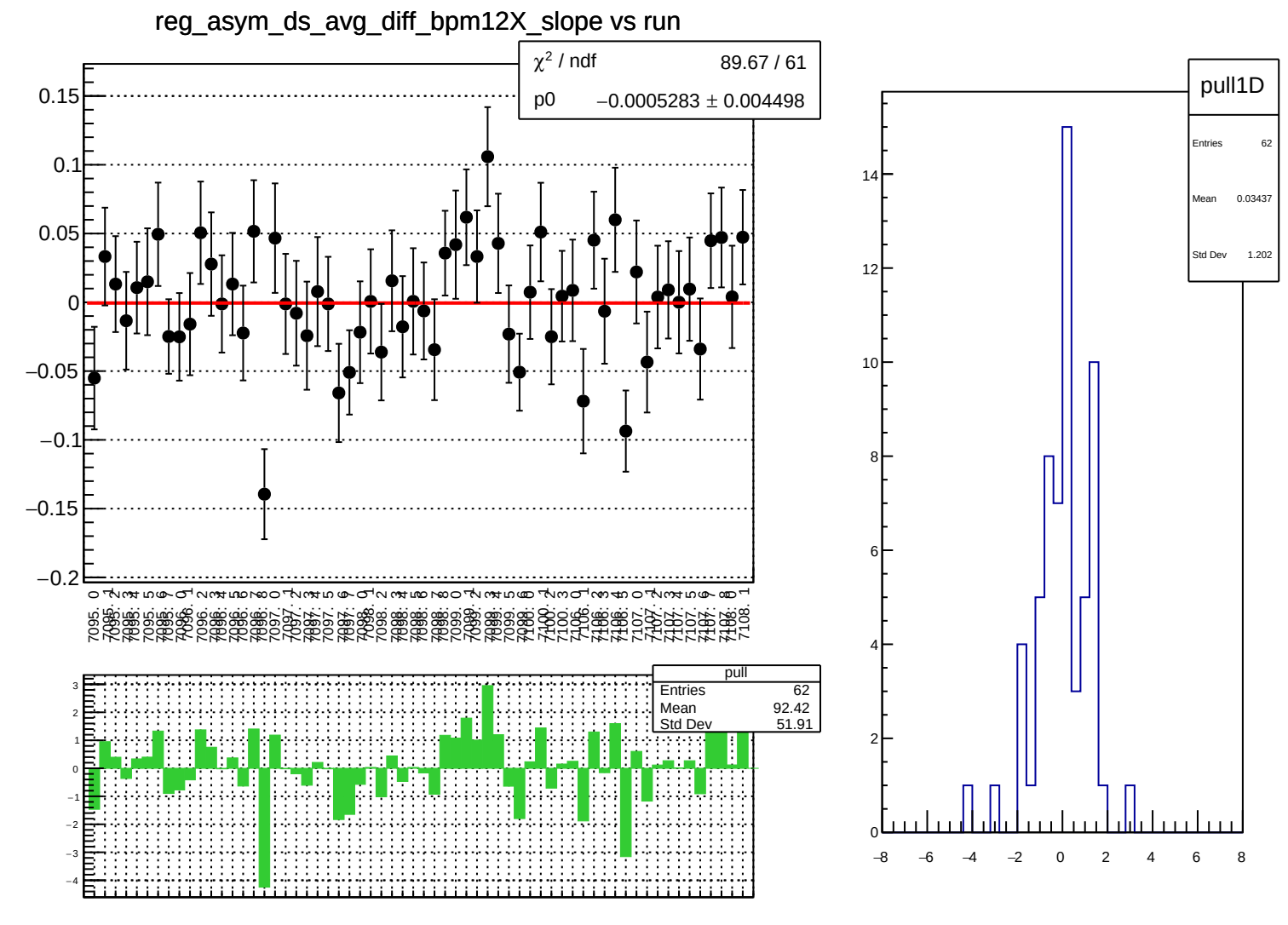

reg_asym_ds_avg_diff_bpm4aY_slope vs run
χ² / ndf 64.66 / 61
p0 0.01906 ± 0.09121
pull
Entries 62
Mean 493.8
Std Dev 467.2

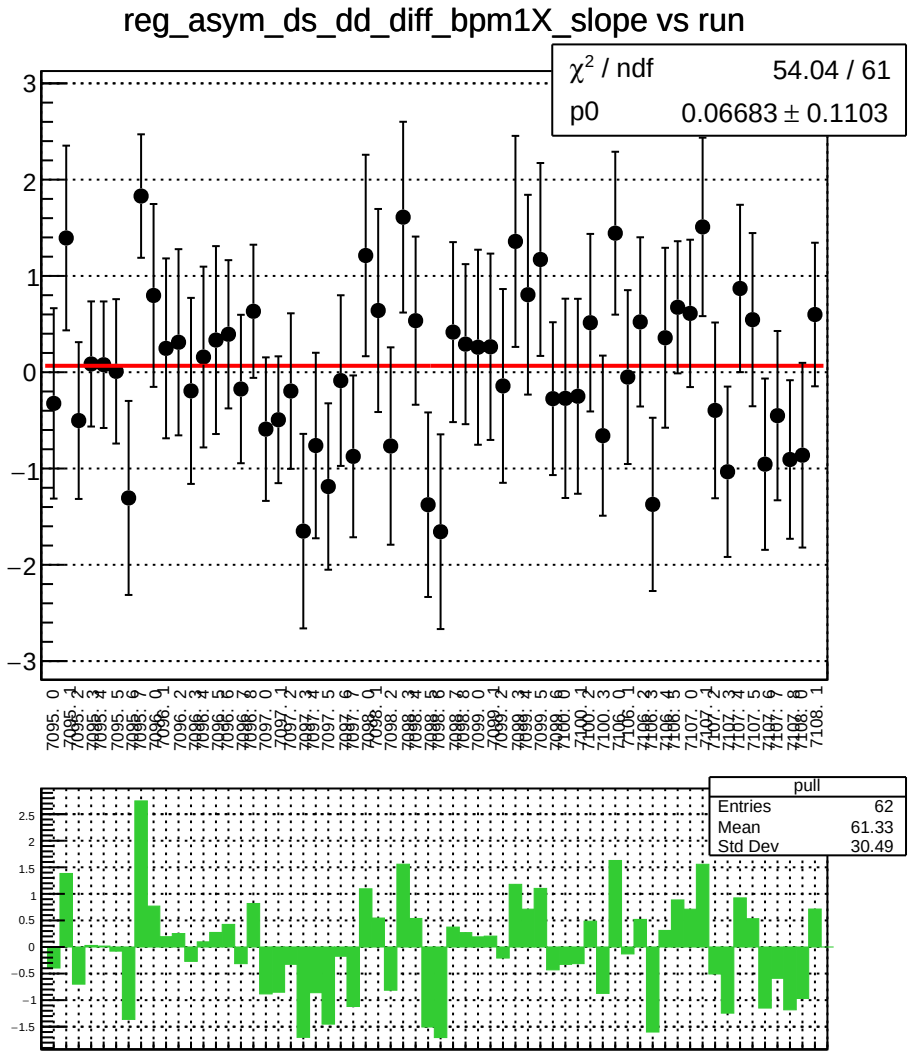

pull1D
Entries 62
Mean −0.01189
Std Dev 1.021

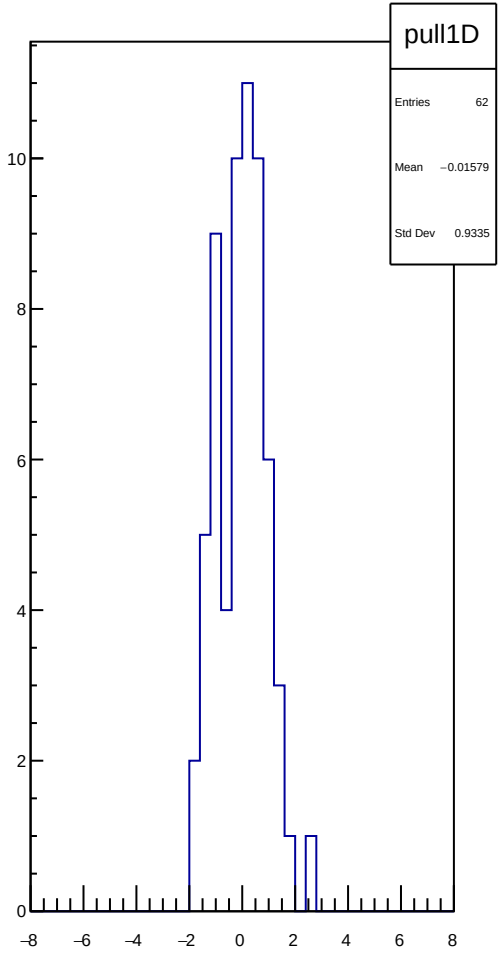

reg_asym_ds_avg_diff_bpm4eX_slope vs run
χ^2 / ndf 67.91 / 61
p0 −0.05932 ± 0.1073
pull
Entries 62
Mean 97.56
Std Dev 62.81
pull1D
Entries 62
Mean 0.0332
Std Dev 1.046

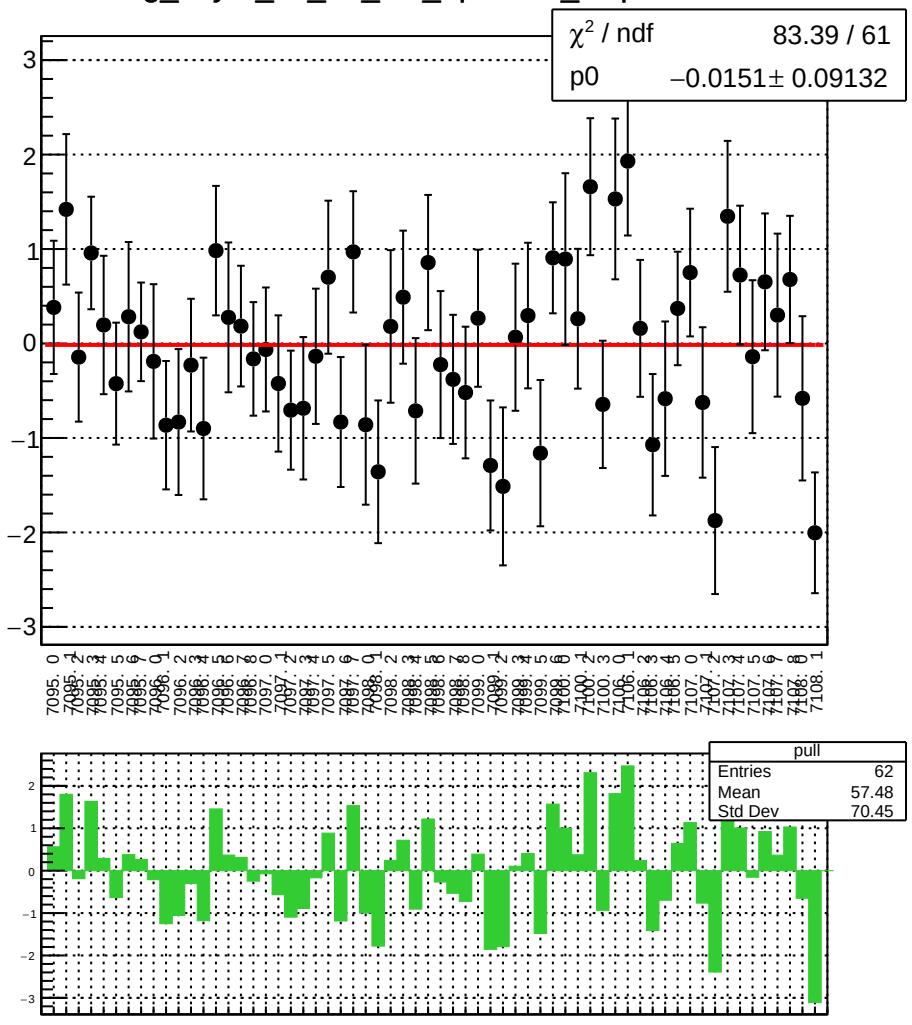

reg_asym_ds_avg_diff_bpm4eY_slope vs run
χ² / ndf 58.99 / 61
p0 −0.0206 ± 0.09729
pull
Entries 62
Mean 207.9
Std Dev 179.6

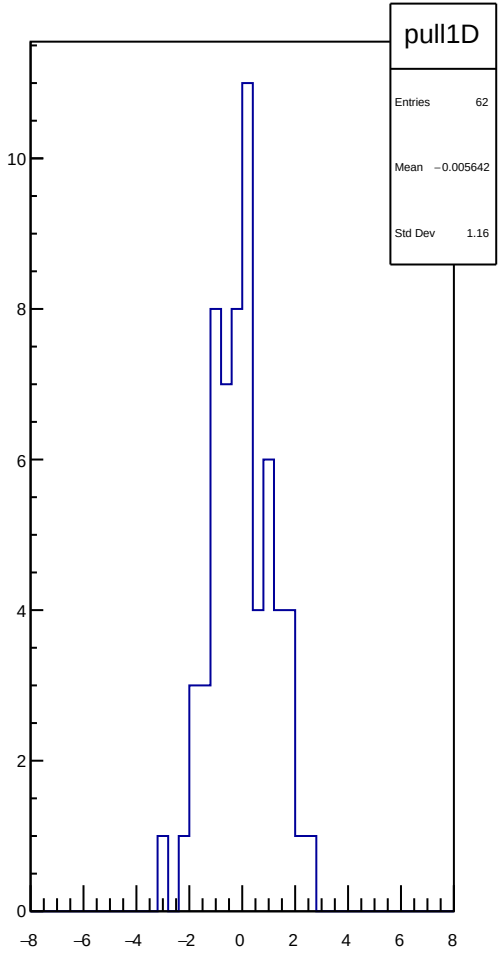

pull1D
Entries 62
Mean 0.0294
Std Dev 0.975

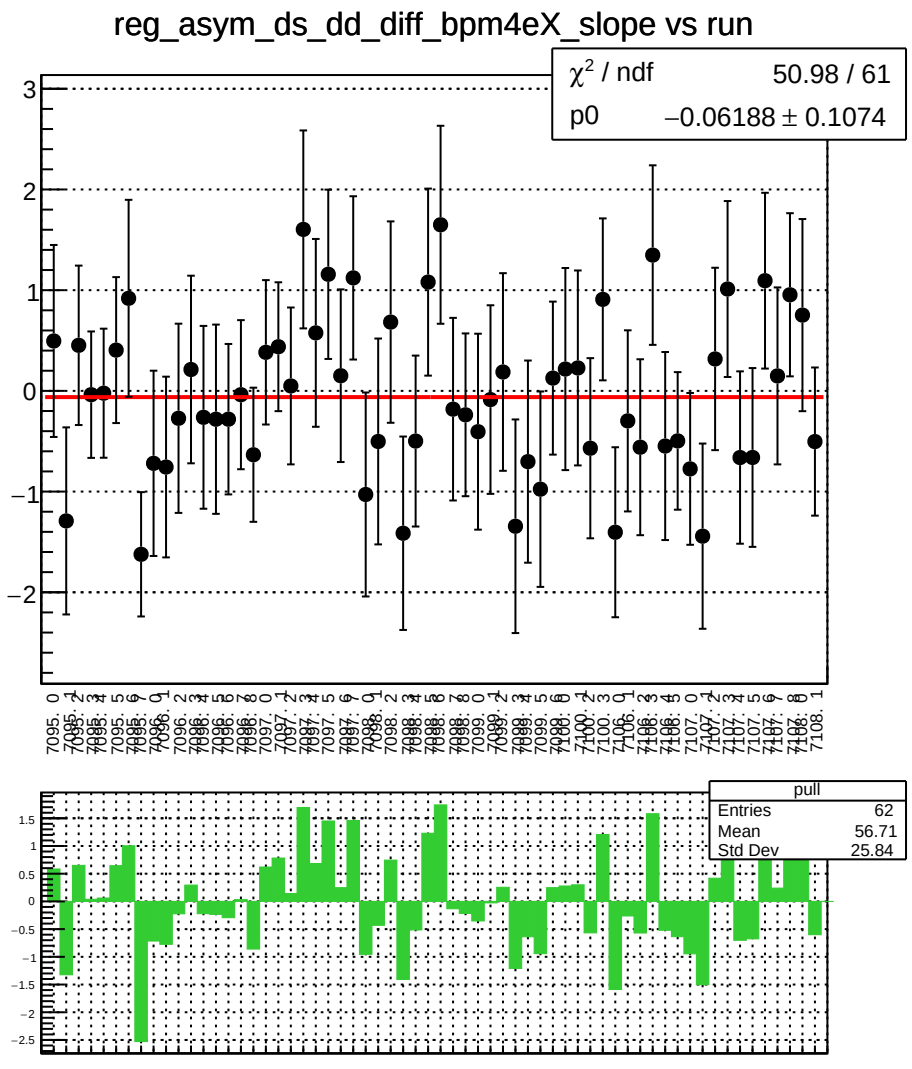

reg_asym_ds_avg_diff_bpm12X_slope vs run
χ² / ndf 89.67 / 61
p0 −0.0005283 ± 0.004498
pull
Entries 62
Mean 92.42
Std Dev 51.91
pull1D
Entries 62
Mean 0.03437
Std Dev 1.202

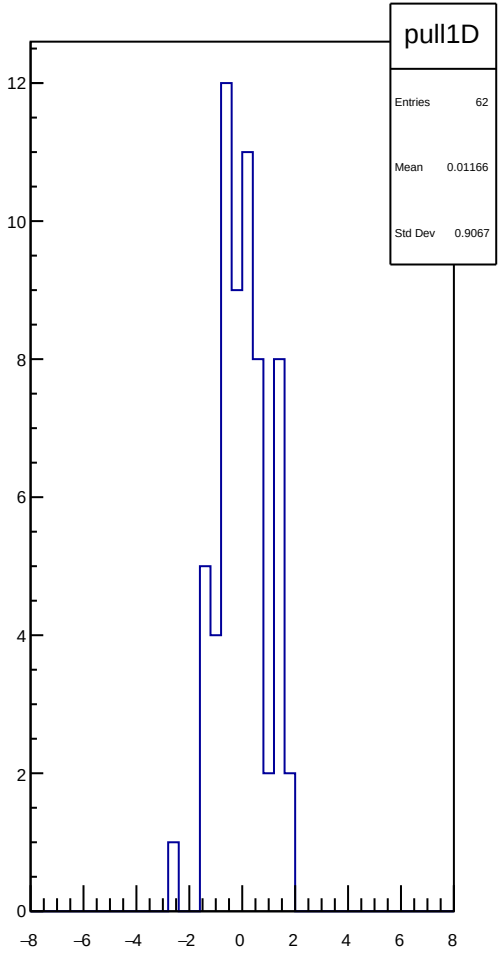

reg_asym_ds_dd_diff_bpm1X_slope vs run
χ² / ndf 54.04 / 61
p0 0.06683 ± 0.1103
pull
Entries 62
Mean 61.33
Std Dev 30.49

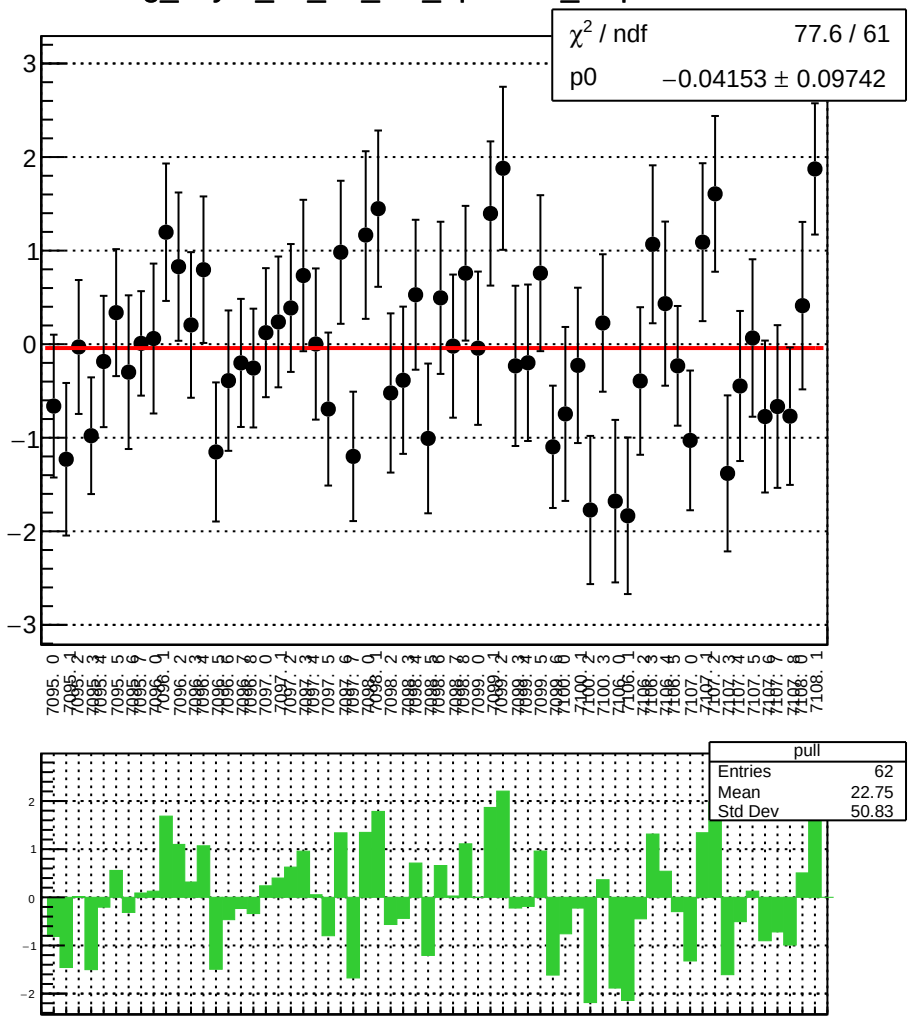

pull1D
Entries 62
Mean −0.01579
Std Dev 0.9335

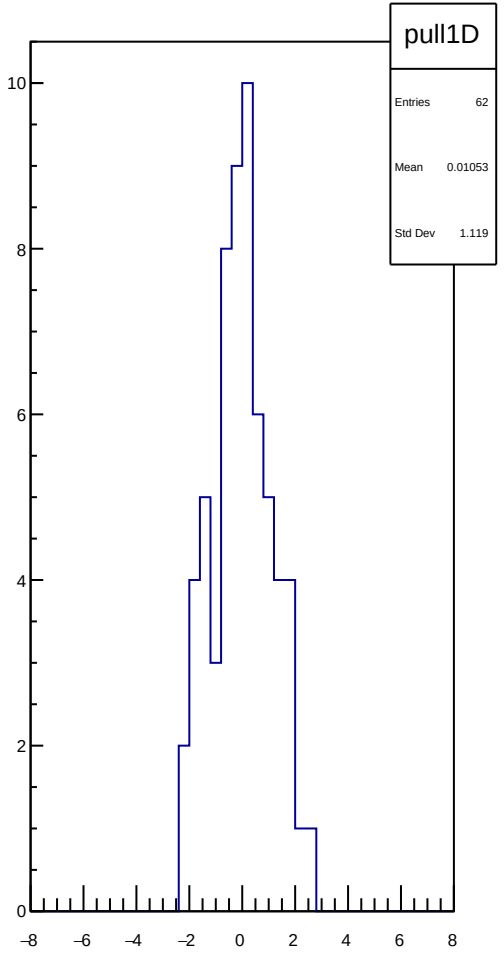

reg_asym_ds_dd_diff_bpm4aY_slope vs run
χ² / ndf 83.39 / 61
p0 −0.0151± 0.09132
pull
Entries 62
Mean 57.48
Std Dev 70.45

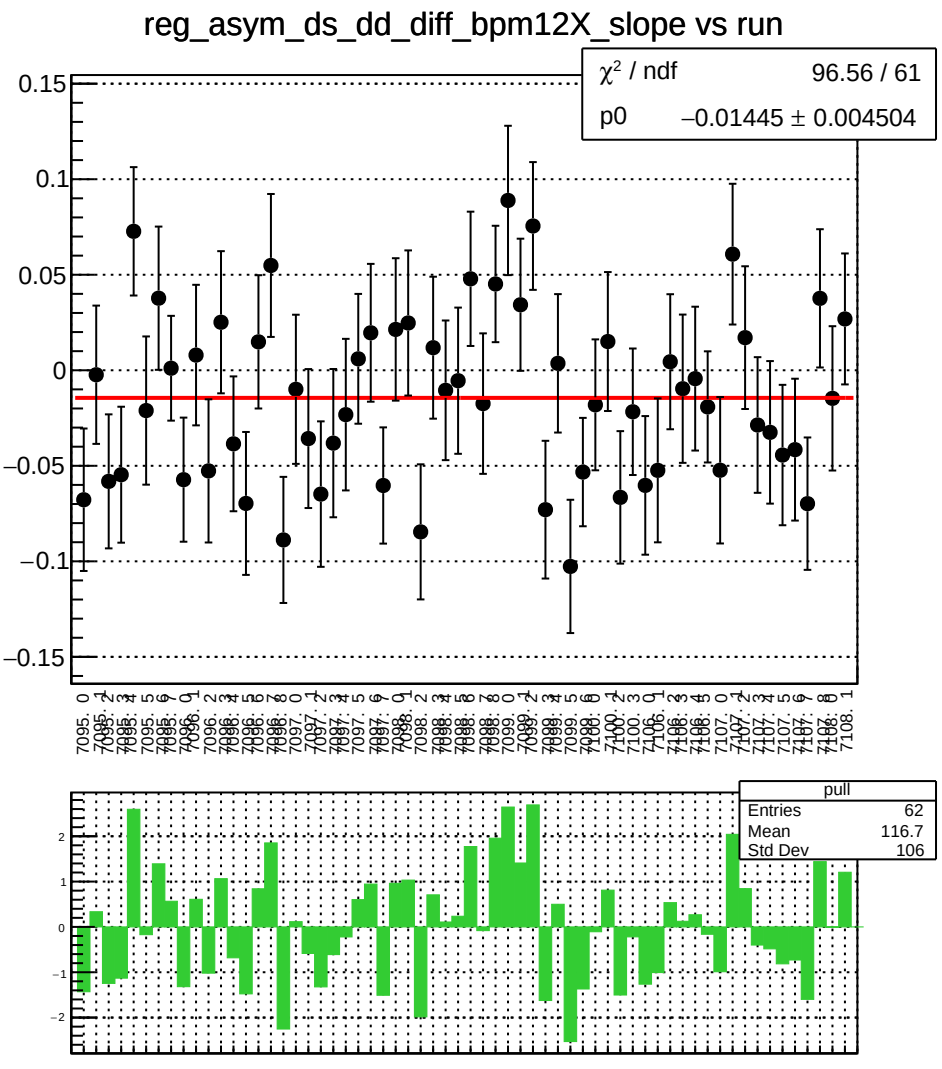

pull1D
Entries 62
Mean −0.005642
Std Dev 1.16

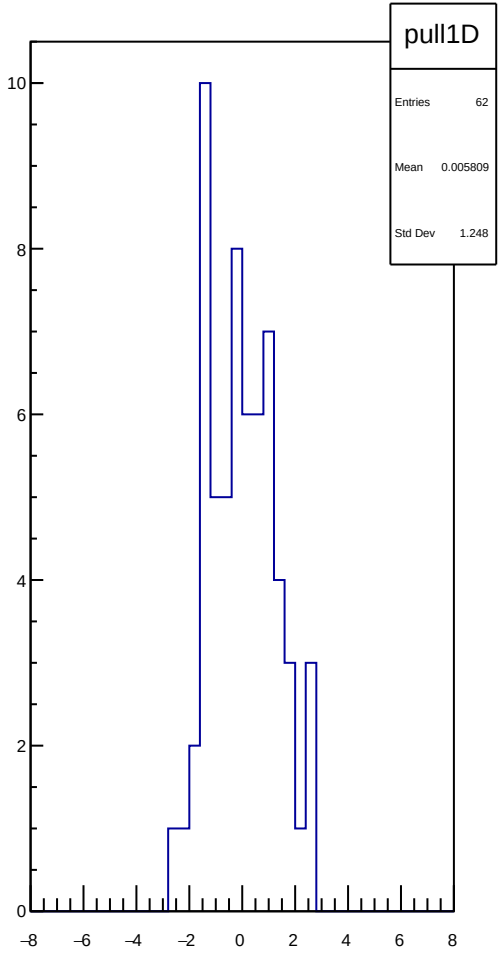

reg_asym_ds_dd_diff_bpm4eX_slope vs run
χ² / ndf 50.98 / 61
p0 −0.06188 ± 0.1074
pull
Entries 62
Mean 56.71
Std Dev 25.84

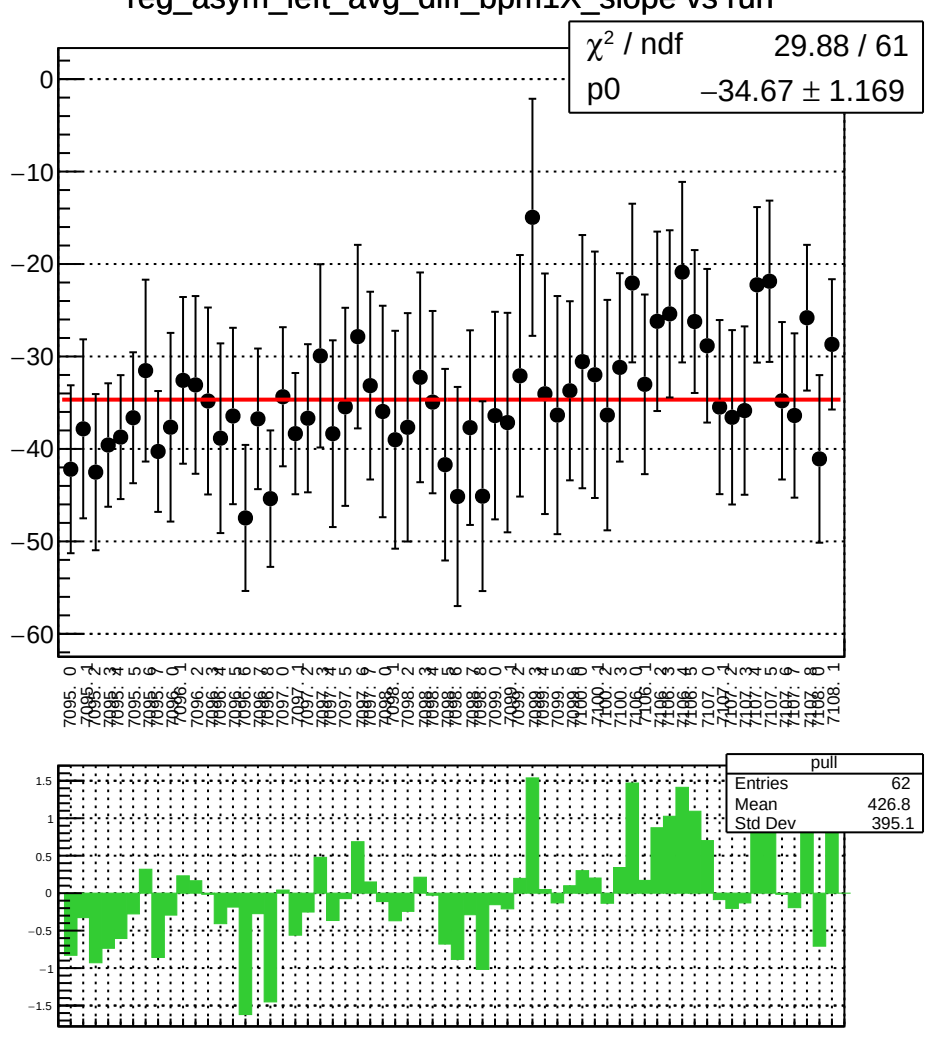

pull1D
Entries 62
Mean 0.01166
Std Dev 0.9067

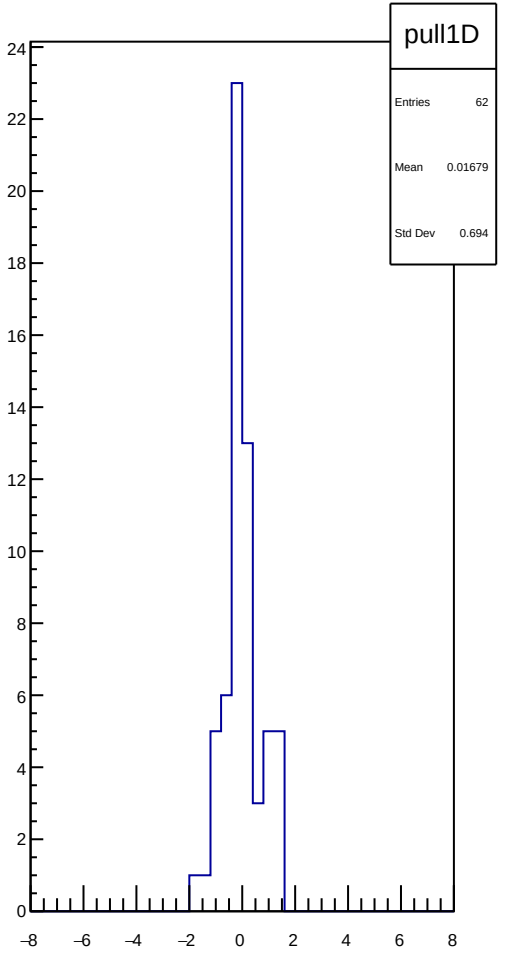

reg_asym_ds_dd_diff_bpm4eY_slope vs run
χ² / ndf 77.6 / 61
p0 −0.04153 ± 0.09742
pull
Entries 62
Mean 22.75
Std Dev 50.83

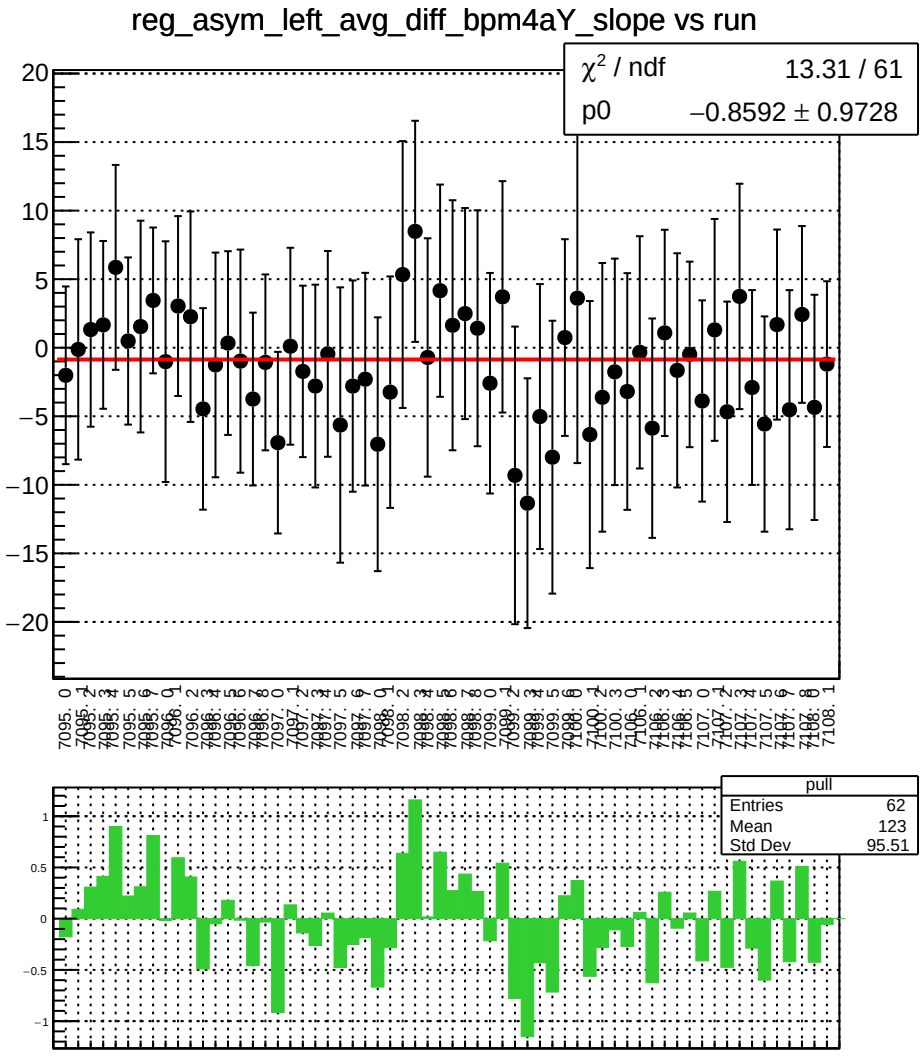

pull1D
Entries 62
Mean 0.01053
Std Dev 1.119

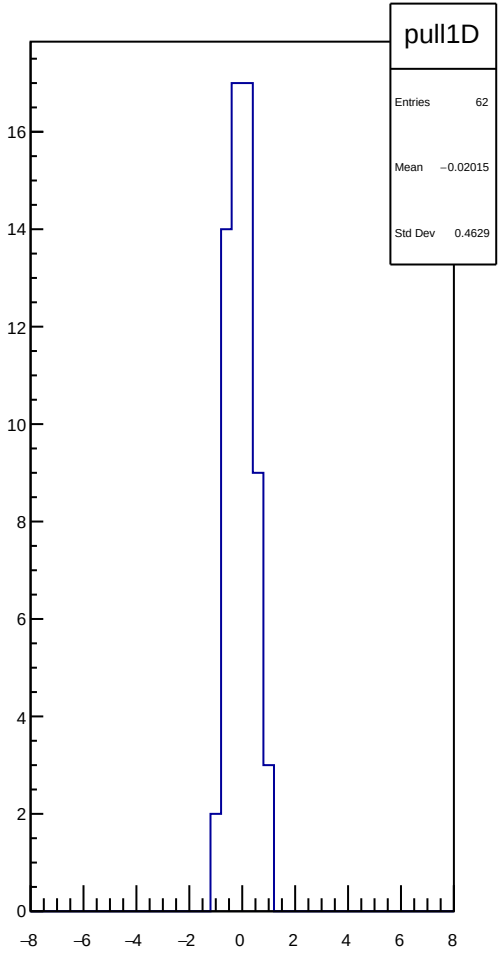

reg_asym_ds_dd_diff_bpm12X_slope vs run
χ² / ndf 96.56 / 61
p0 −0.01445 ± 0.004504
pull
Entries 62
Mean 116.7
Std Dev 106

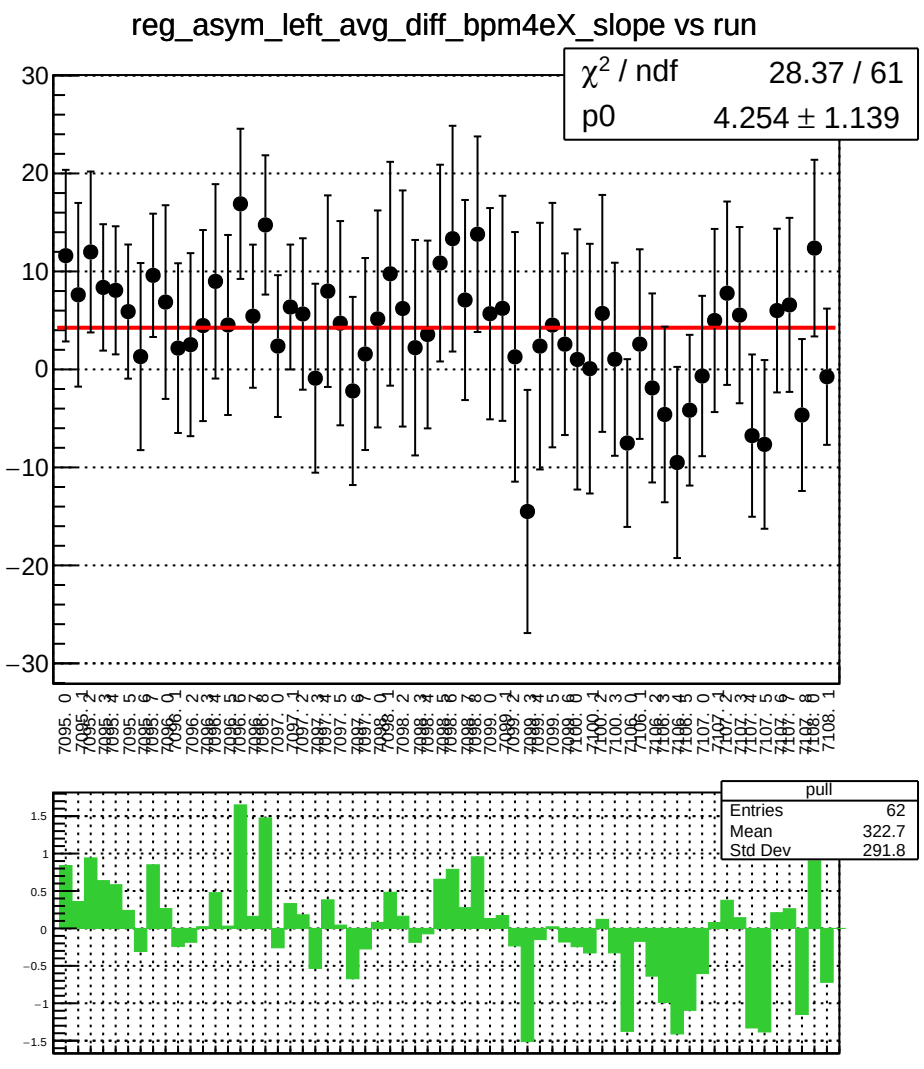

pull1D
Entries 62
Mean 0.005809
Std Dev 1.248

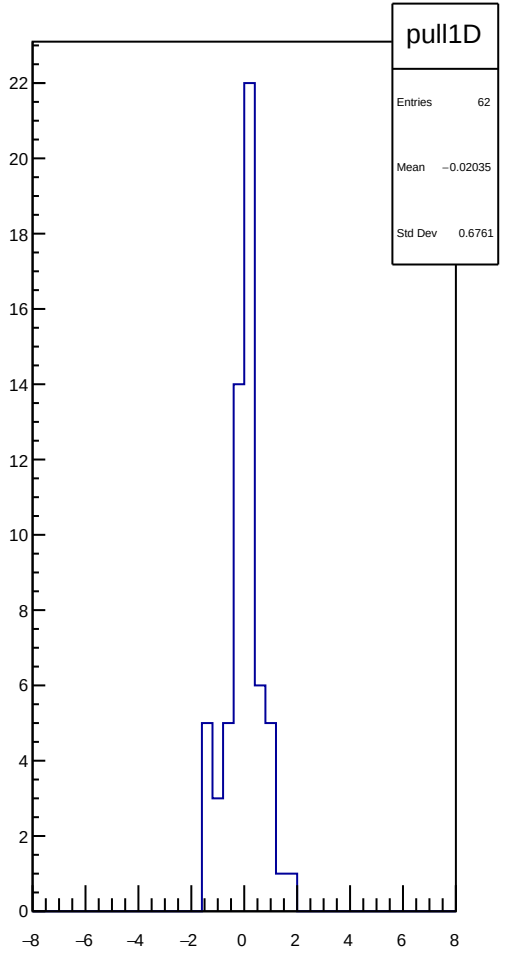

reg_asym_left_avg_diff_bpm1X_slope vs run
χ² / ndf 29.88 / 61
p0 −34.67 ± 1.169
pull
Entries 62
Mean 426.8
Std Dev 395.1

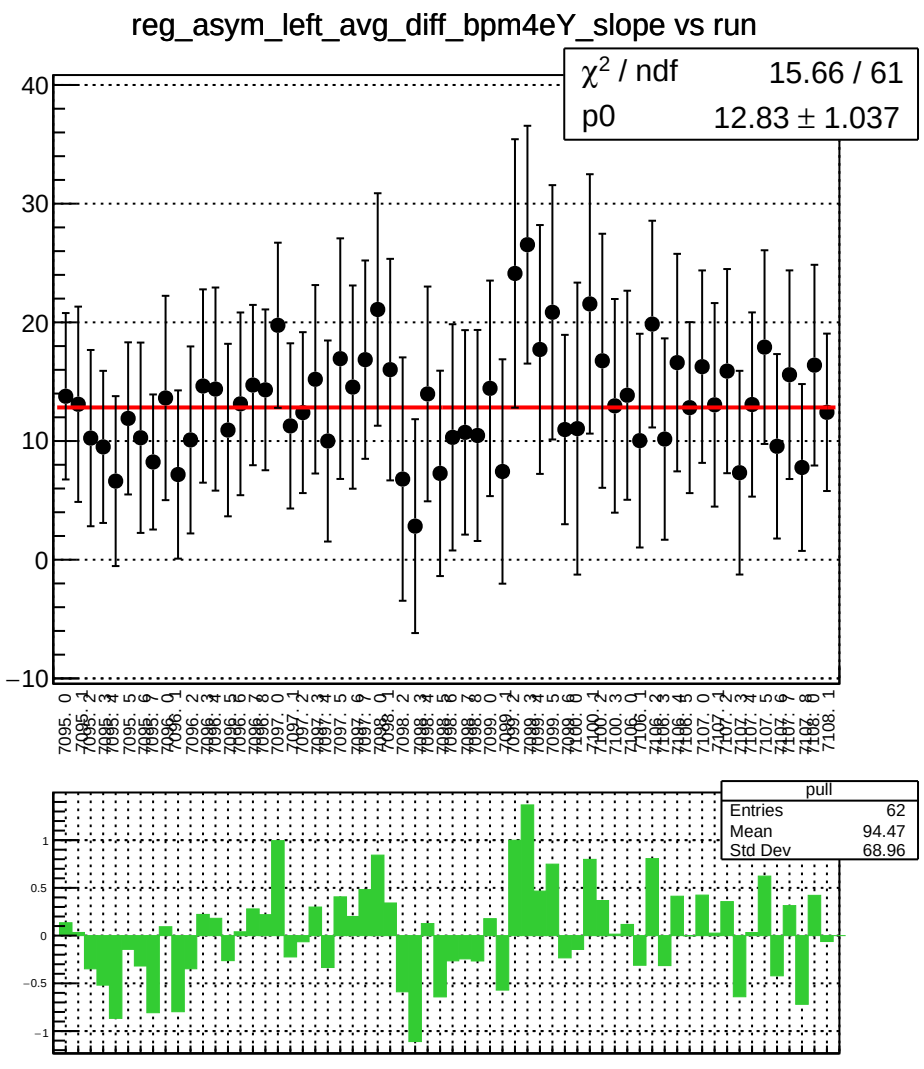

pull1D
Entries 62
Mean 0.01679
Std Dev 0.694

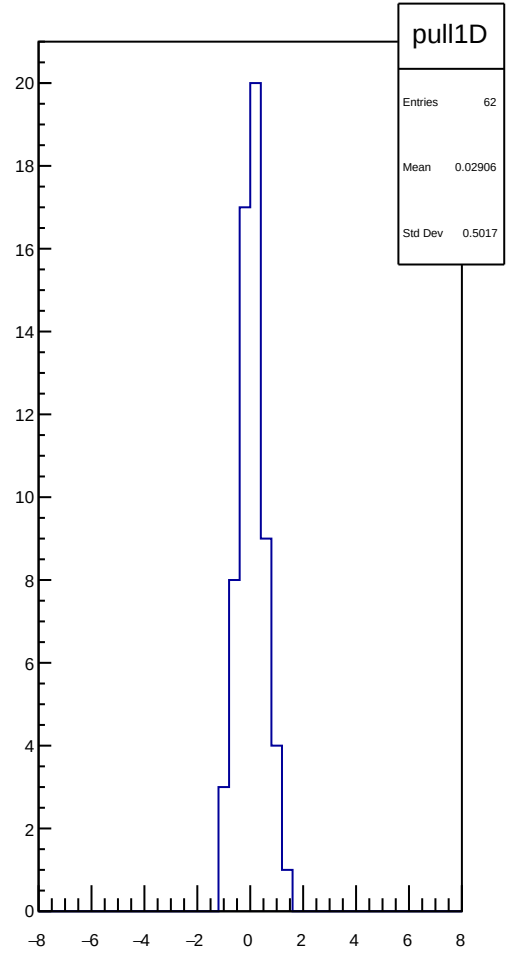

reg_asym_left_avg_diff_bpm4aY_slope vs run
χ² / ndf 13.31 / 61
p0 −0.8592 ± 0.9728
pull
Entries 62
Mean 123
Std Dev 95.51

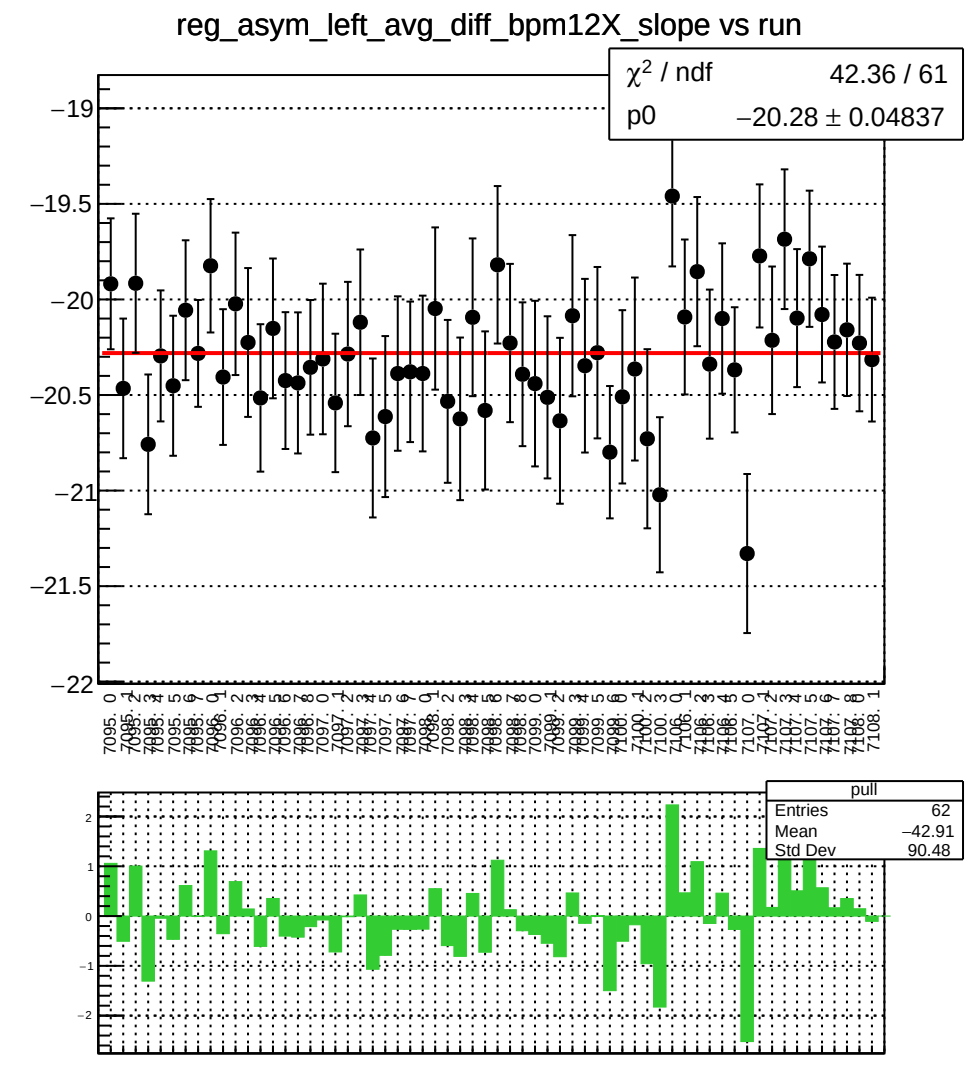

pull1D
Entries 62
Mean −0.02015
Std Dev 0.4629

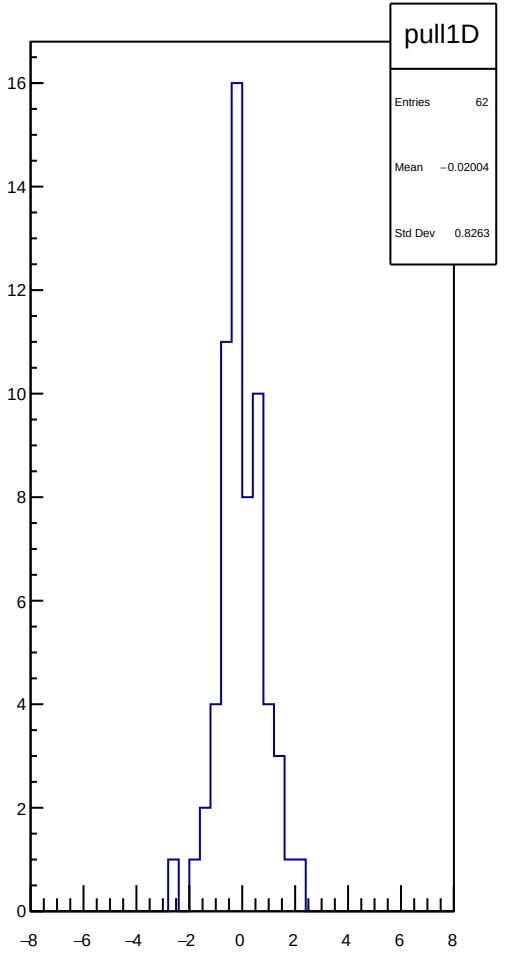

reg_asym_left_avg_diff_bpm4eX_slope vs run
χ² / ndf 28.37 / 61
p0 4.254 ± 1.139
pull
Entries 62
Mean 322.7
Std Dev 291.8

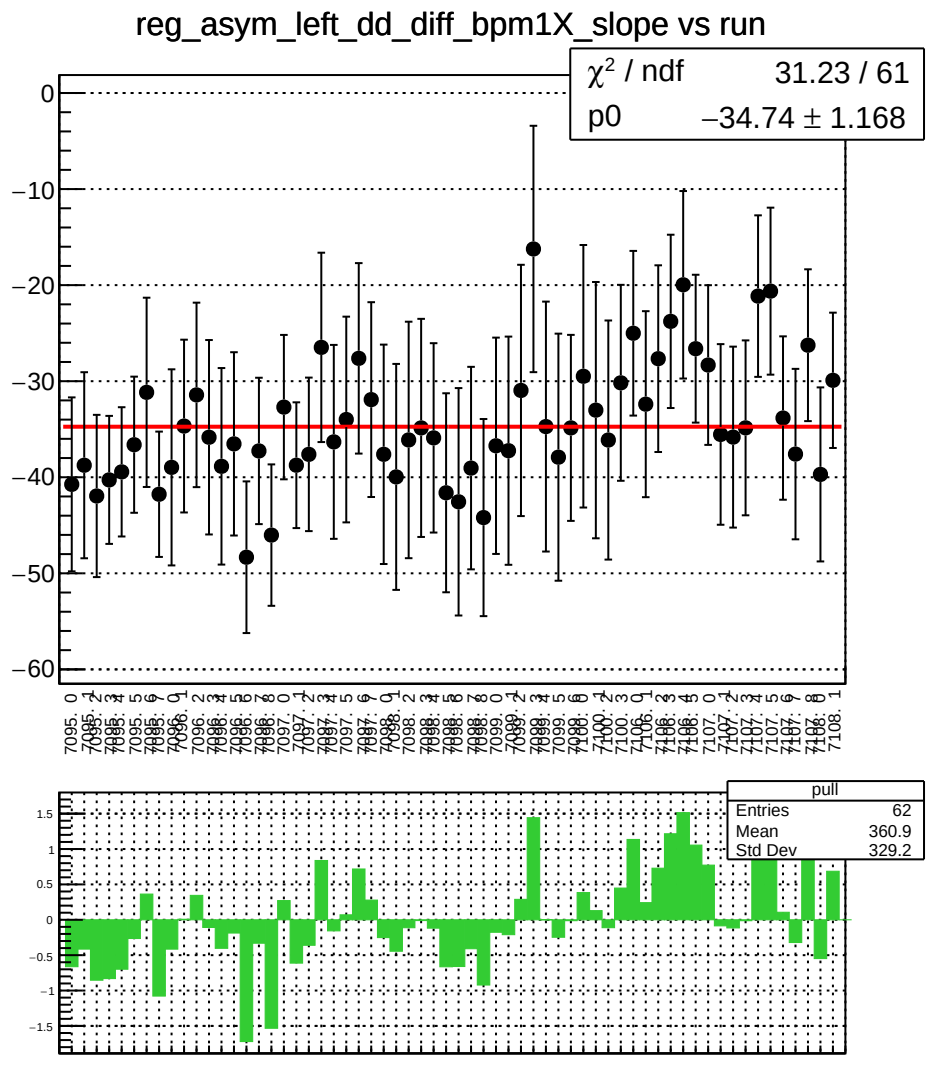

pull1D
Entries 62
Mean −0.02035
Std Dev 0.6761

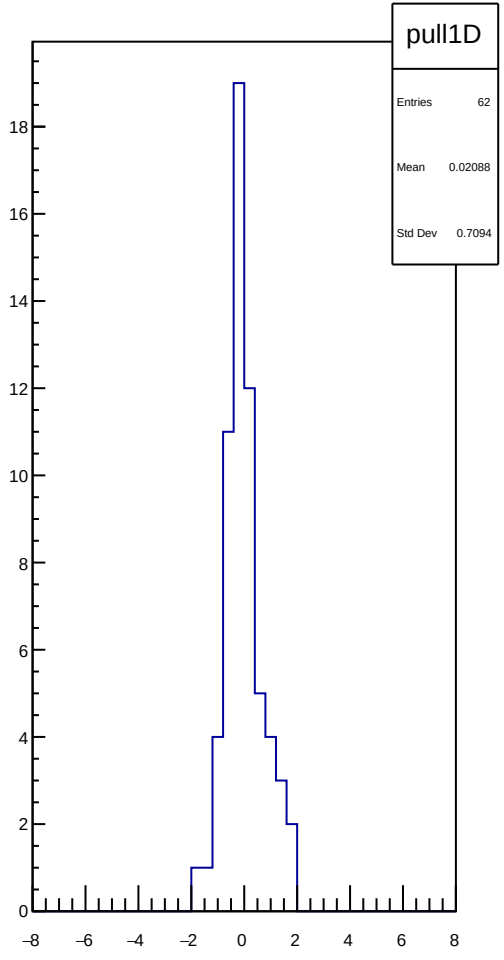

reg_asym_left_avg_diff_bpm4eY_slope vs run
χ² / ndf 15.66 / 61
p0 12.83 ± 1.037
pull
Entries 62
Mean 94.47
Std Dev 68.96

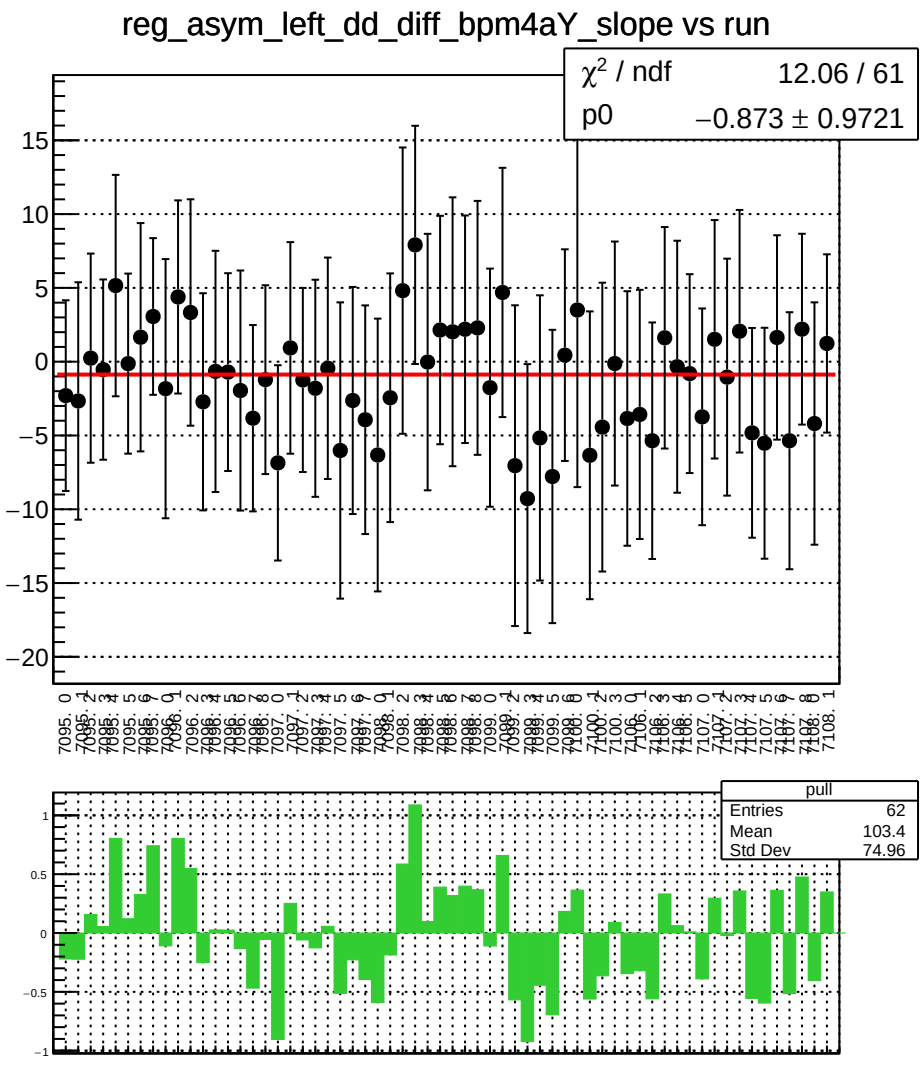

pull1D
Entries 62
Mean 0.02906
Std Dev 0.5017

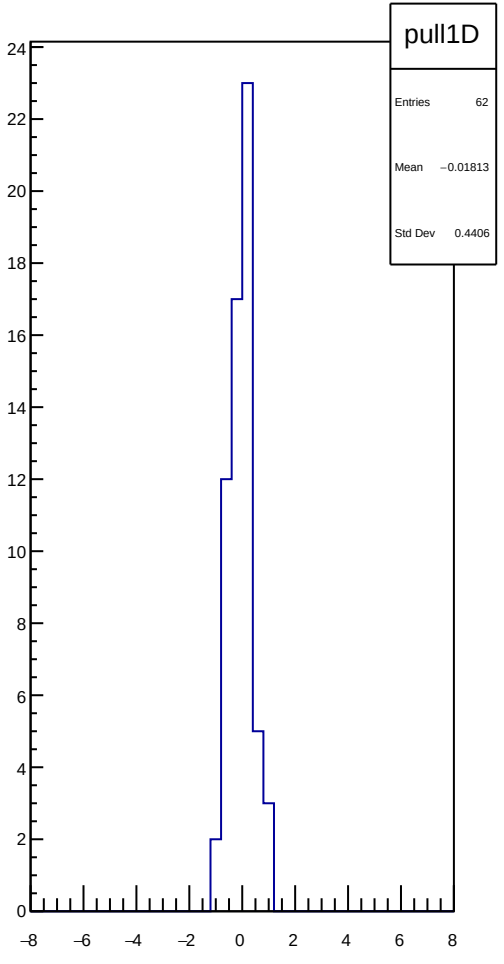

reg_asym_left_avg_diff_bpm12X_slope vs run
χ² / ndf 42.36 / 61
p0 −20.28 ± 0.04837
pull
Entries 62
Mean −42.91
Std Dev 90.48

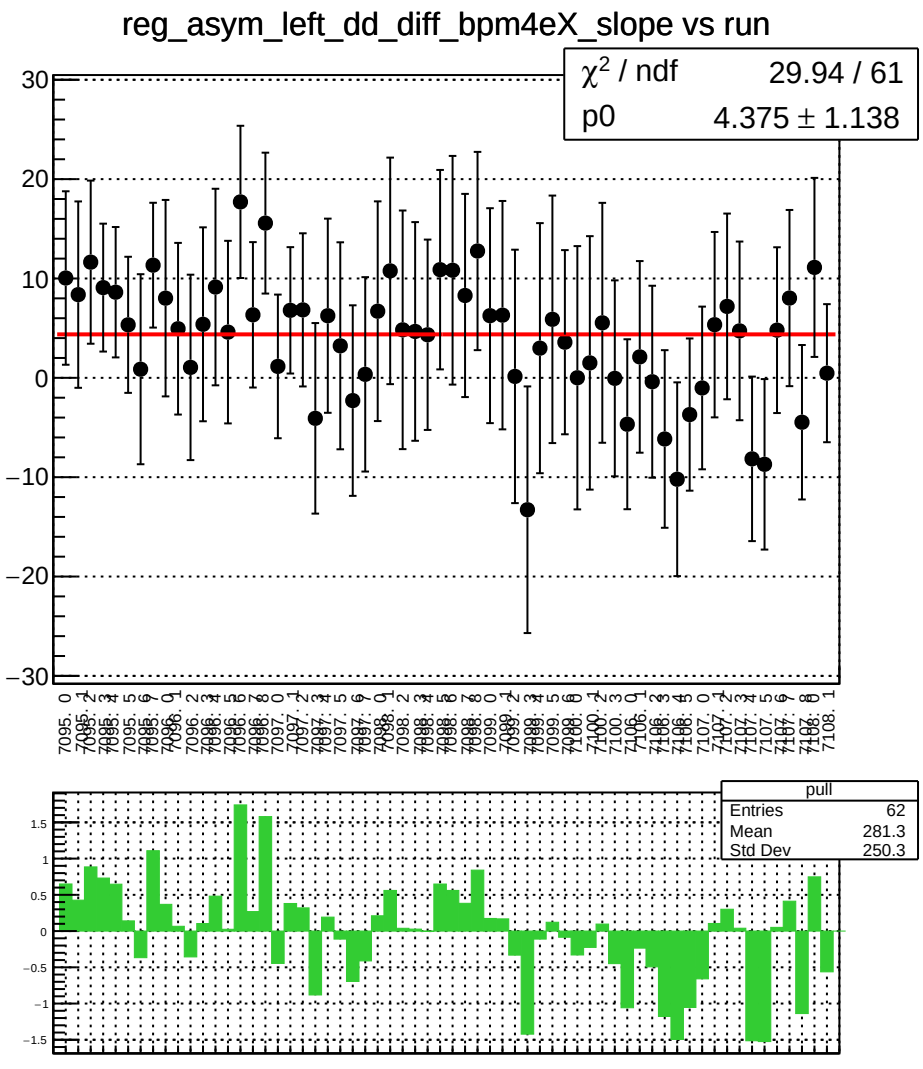

pull1D
Entries 62
Mean −0.02004
Std Dev 0.8263

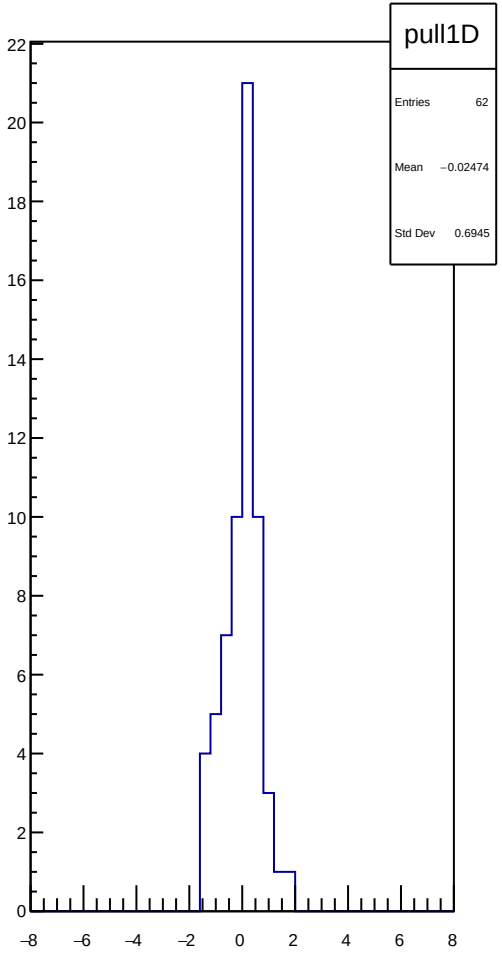

reg_asym_left_dd_diff_bpm1X_slope vs run
χ² / ndf 31.23 / 61
p0 −34.74 ± 1.168
pull
Entries 62
Mean 360.9
Std Dev 329.2

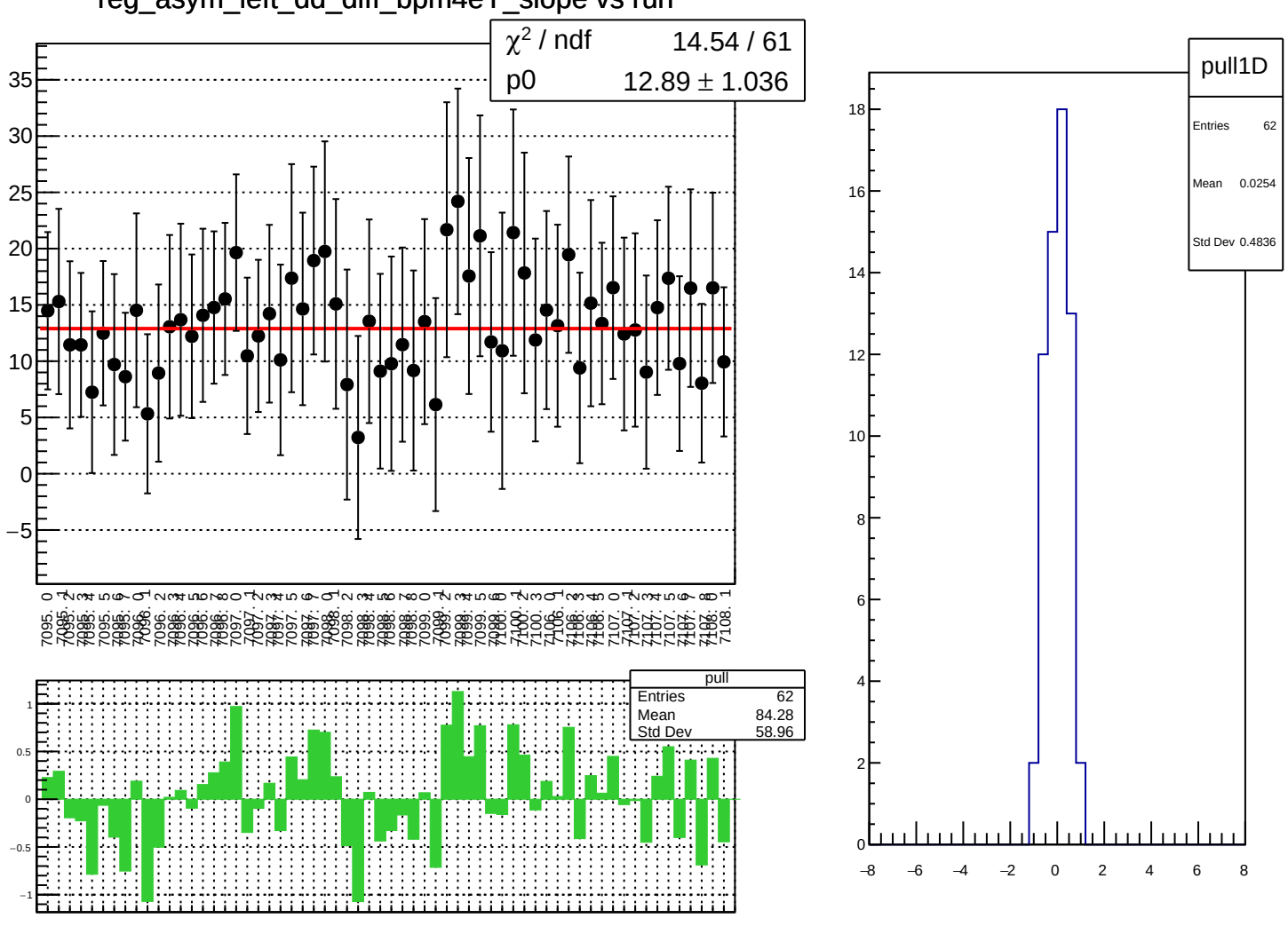

pull1D
Entries 62
Mean 0.02088
Std Dev 0.7094

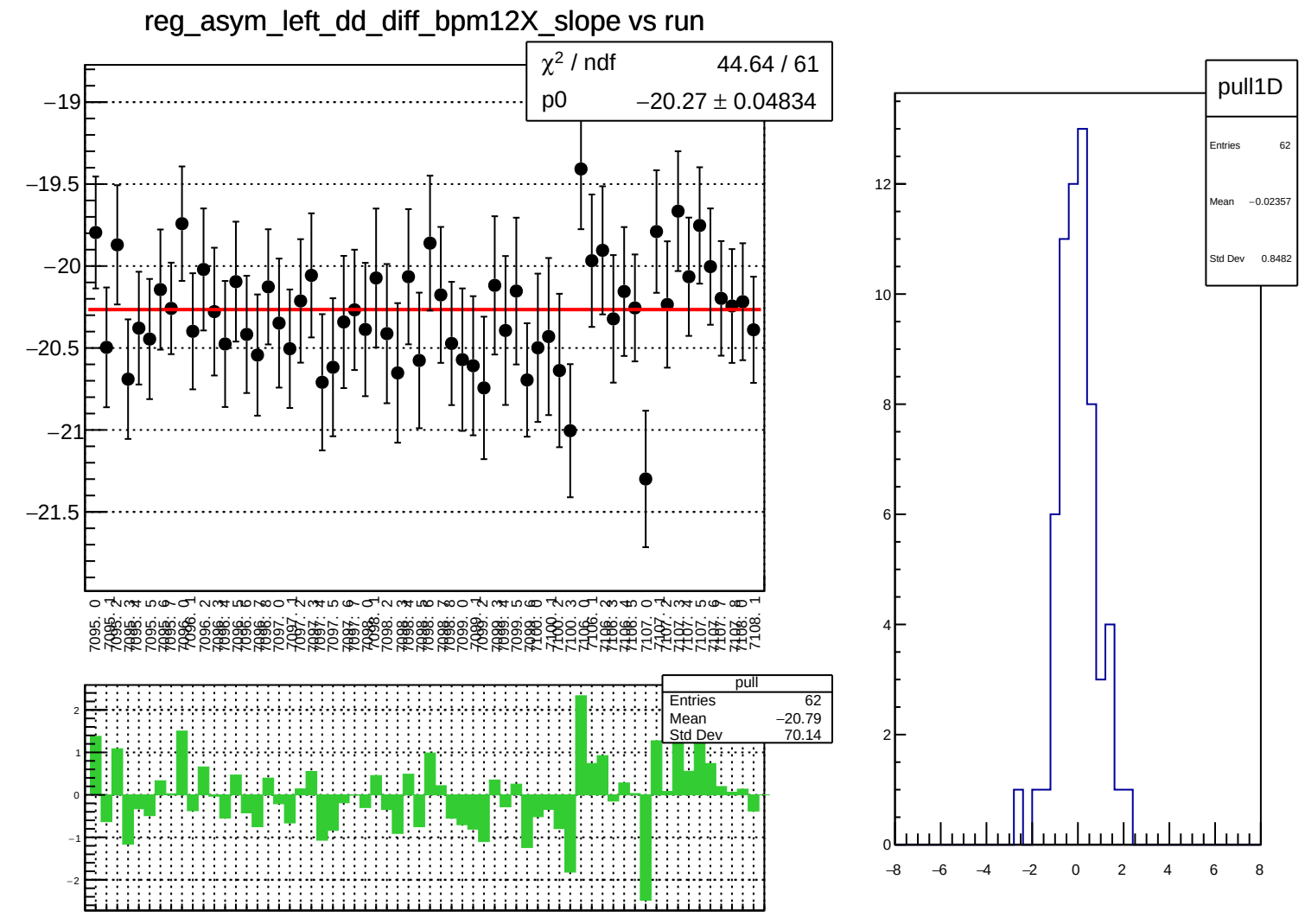

reg_asym_left_dd_diff_bpm4aY_slope vs run
χ² / ndf 12.06 / 61
p0 −0.873 ± 0.9721
pull
Entries 62
Mean 103.4
Std Dev 74.96

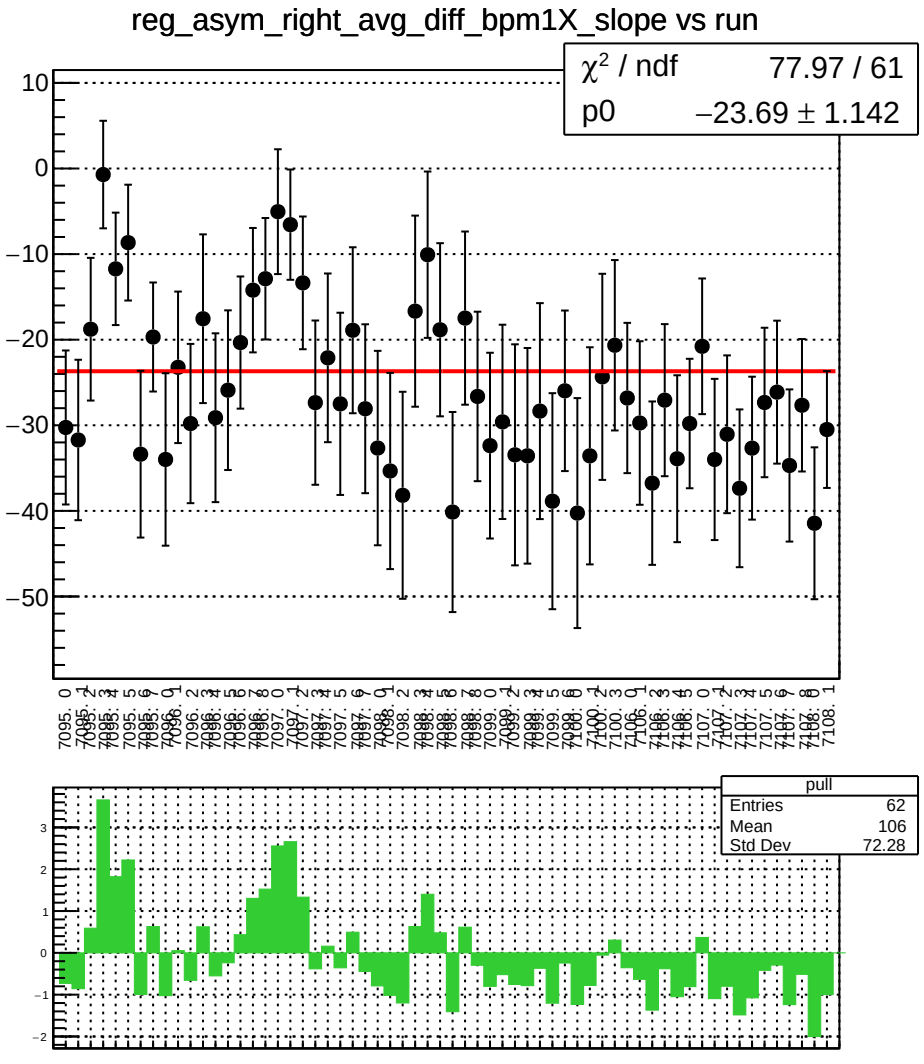

pull1D
Entries 62
Mean −0.01813
Std Dev 0.4406

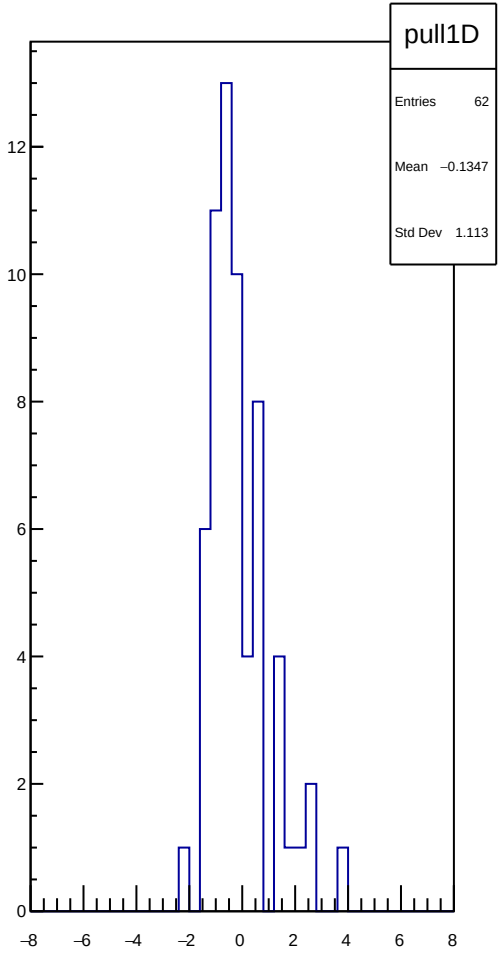

reg_asym_left_dd_diff_bpm4eX_slope vs run
χ² / ndf 29.94 / 61
p0 4.375 ± 1.138
pull
Entries 62
Mean 281.3
Std Dev 250.3

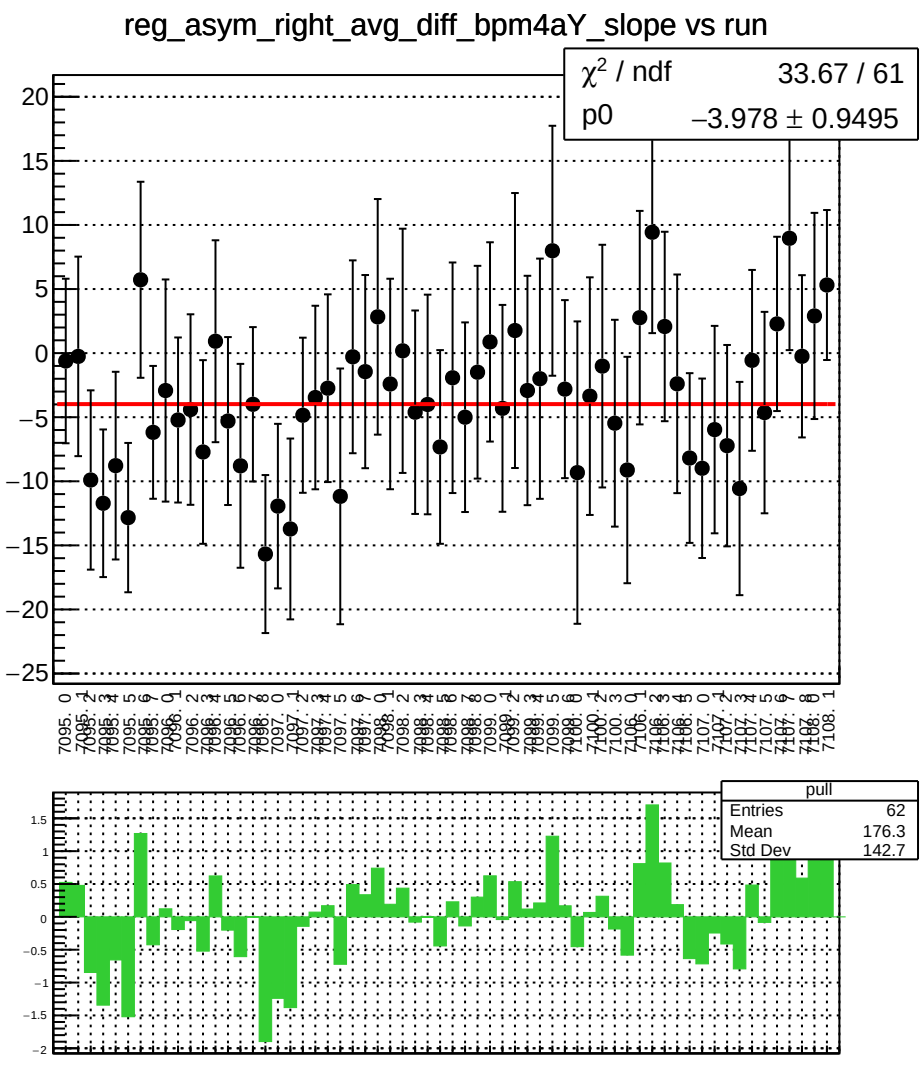

pull1D
Entries 62
Mean −0.02474
Std Dev 0.6945

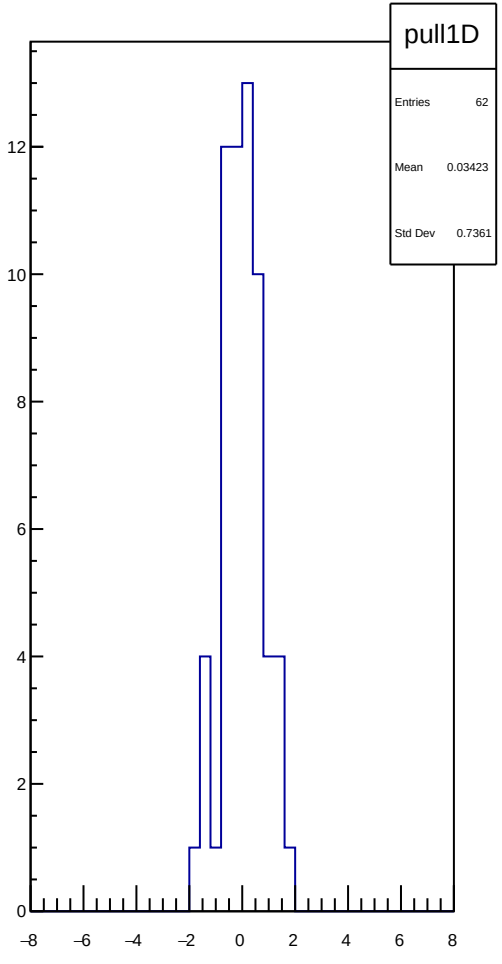

reg_asym_left_dd_diff_bpm4eY_slope vs run
χ² / ndf 14.54 / 61
p0 12.89 ± 1.036
pull
Entries 62
Mean 84.28
Std Dev 58.96
pull1D
Entries 62
Mean 0.0254
Std Dev 0.4836

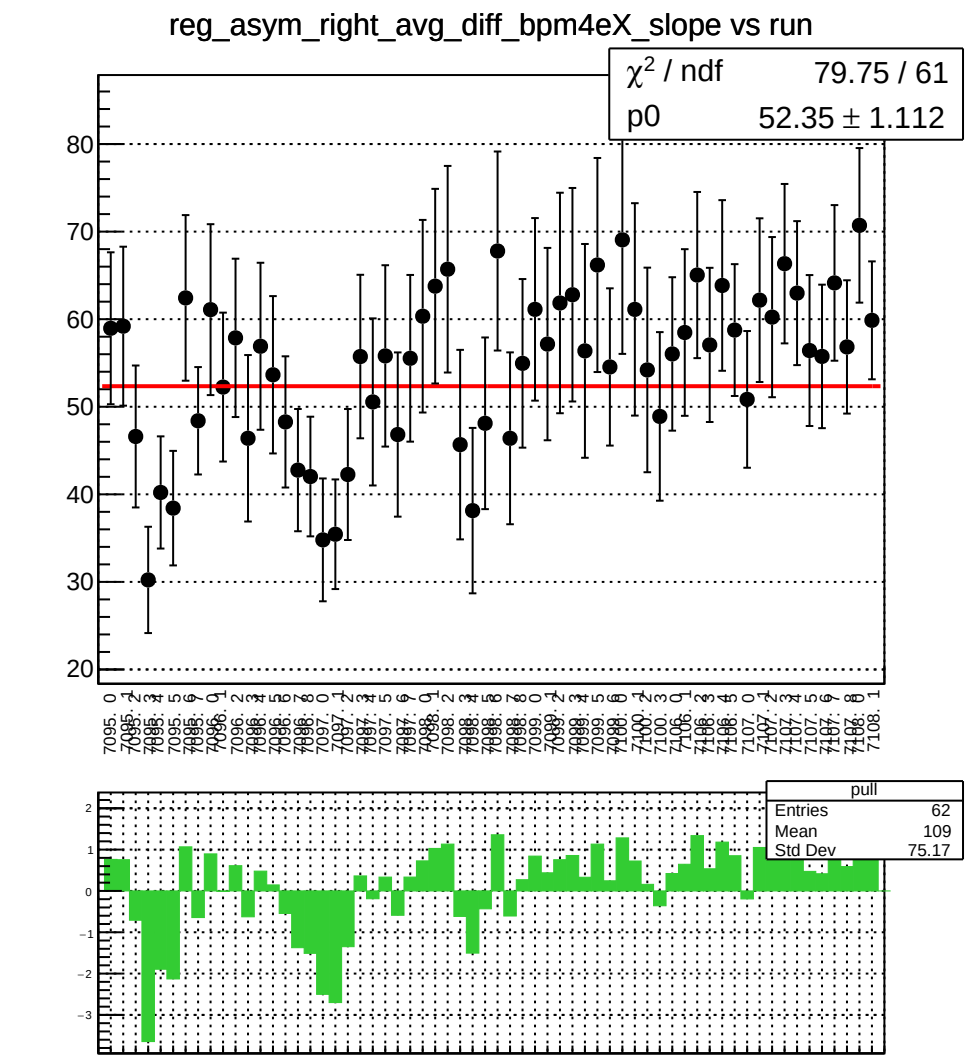

reg_asym_left_dd_diff_bpm12X_slope vs run
χ² / ndf 44.64 / 61
p0 −20.27 ± 0.04834
−19
−19.5
−20
−20.5
−21
−21.5
pull
Entries 62
Mean −20.79
Std Dev 70.14
2
1
0
−1
−2
pull1D
Entries 62
Mean −0.02357
Std Dev 0.8482
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

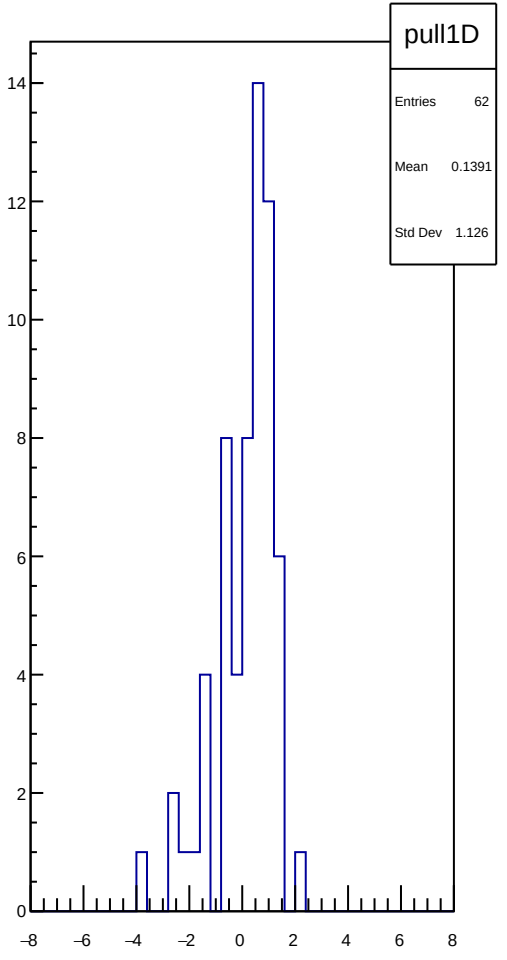

reg_asym_right_avg_diff_bpm1X_slope vs run
χ² / ndf 77.97 / 61
p0 −23.69 ± 1.142
pull
Entries 62
Mean 106
Std Dev 72.28

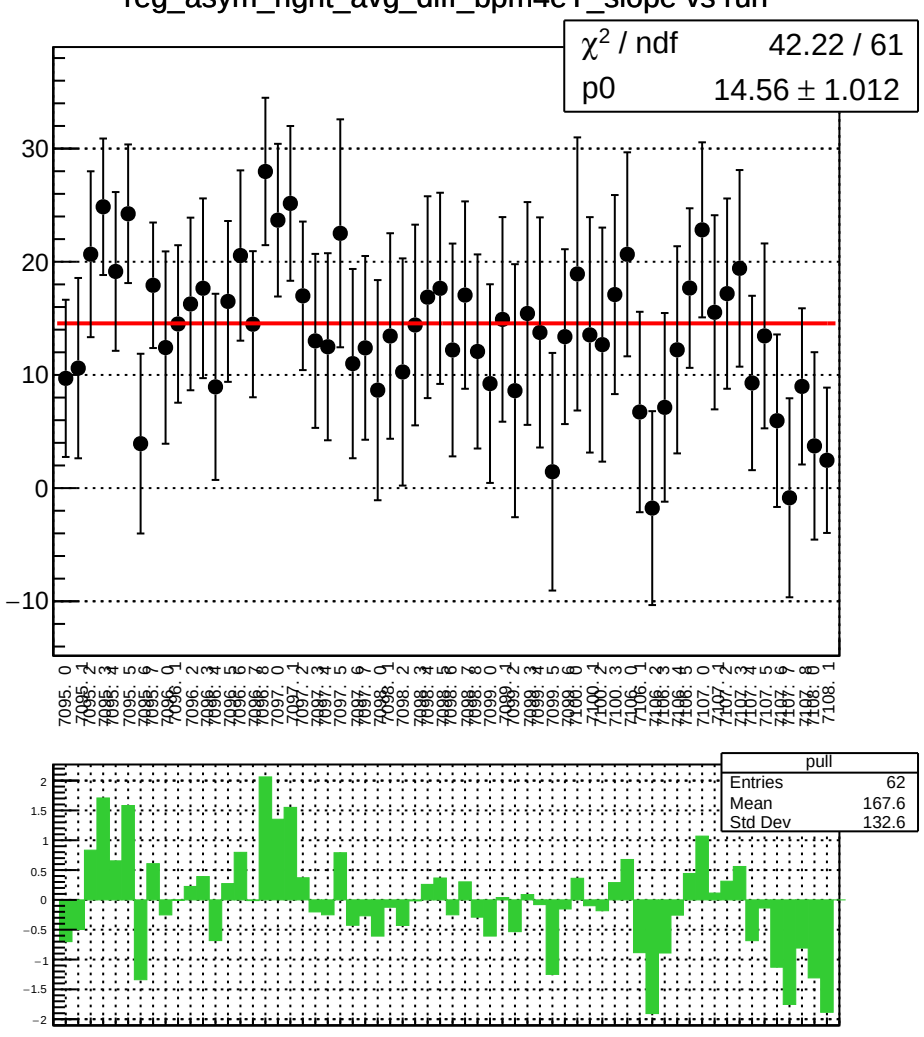

pull1D
Entries 62
Mean −0.1347
Std Dev 1.113

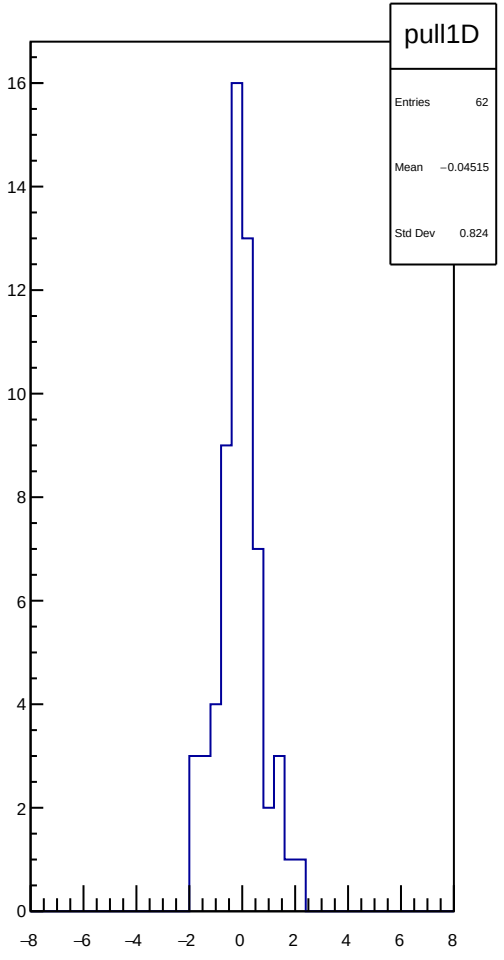

reg_asym_right_avg_diff_bpm4aY_slope vs run
χ² / ndf 33.67 / 61
p0 −3.978 ± 0.9495
pull
Entries 62
Mean 176.3
Std Dev 142.7

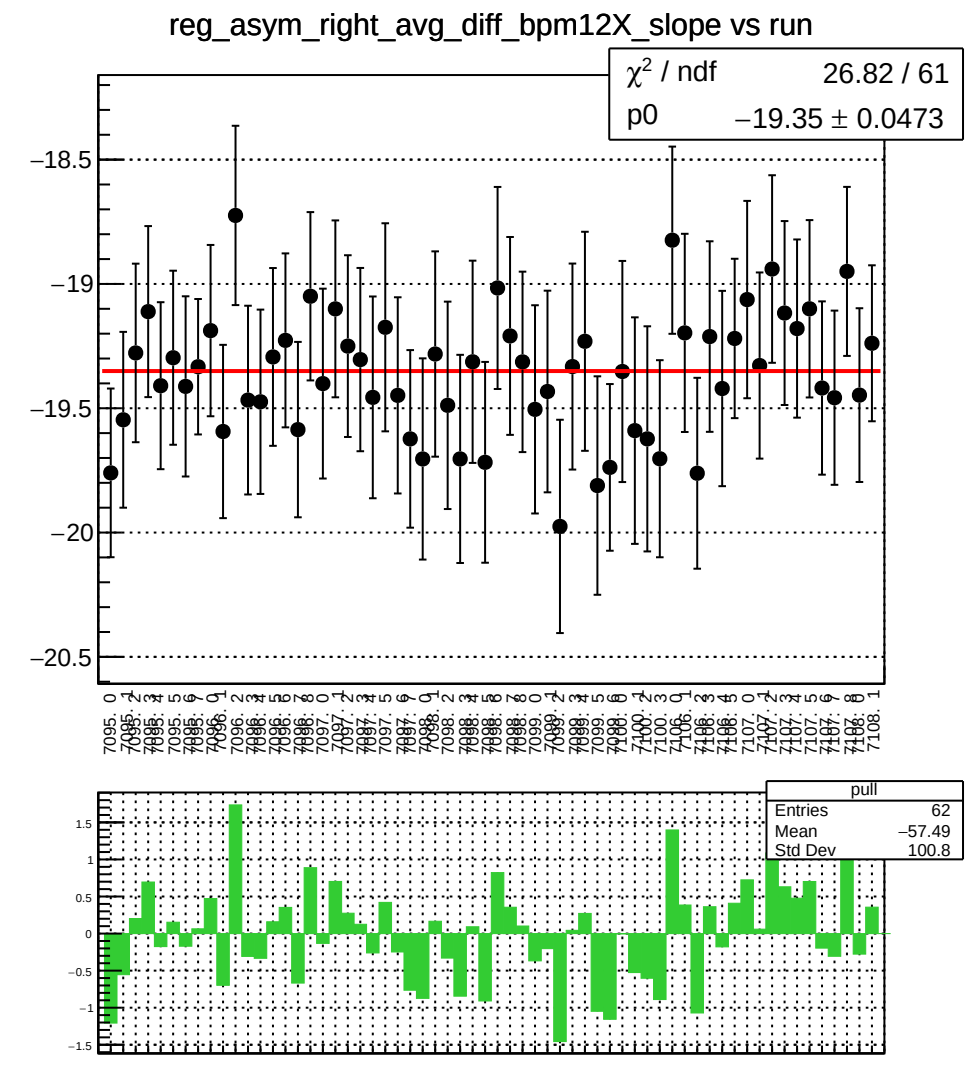

pull1D
Entries 62
Mean 0.03423
Std Dev 0.7361

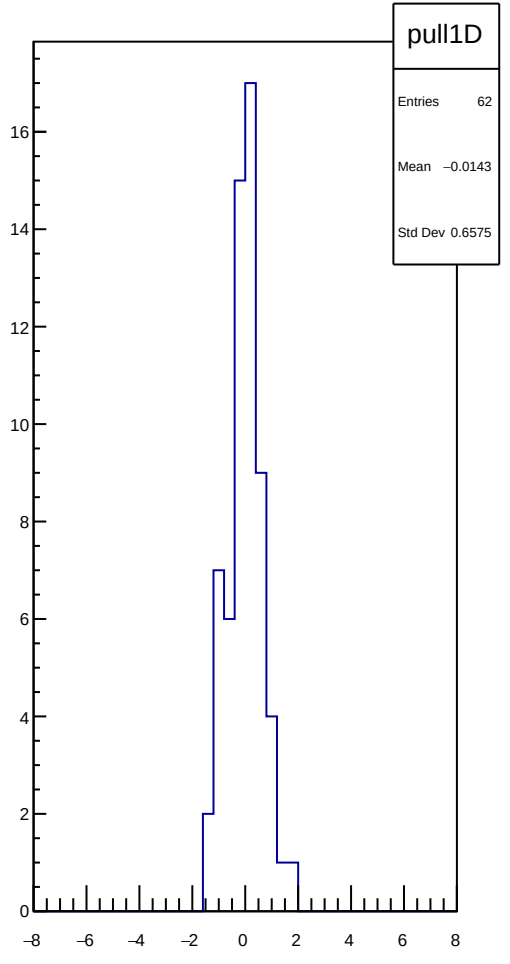

reg_asym_right_avg_diff_bpm4eX_slope vs run
χ² / ndf 79.75 / 61
p0 52.35 ± 1.112
pull
Entries 62
Mean 109
Std Dev 75.17

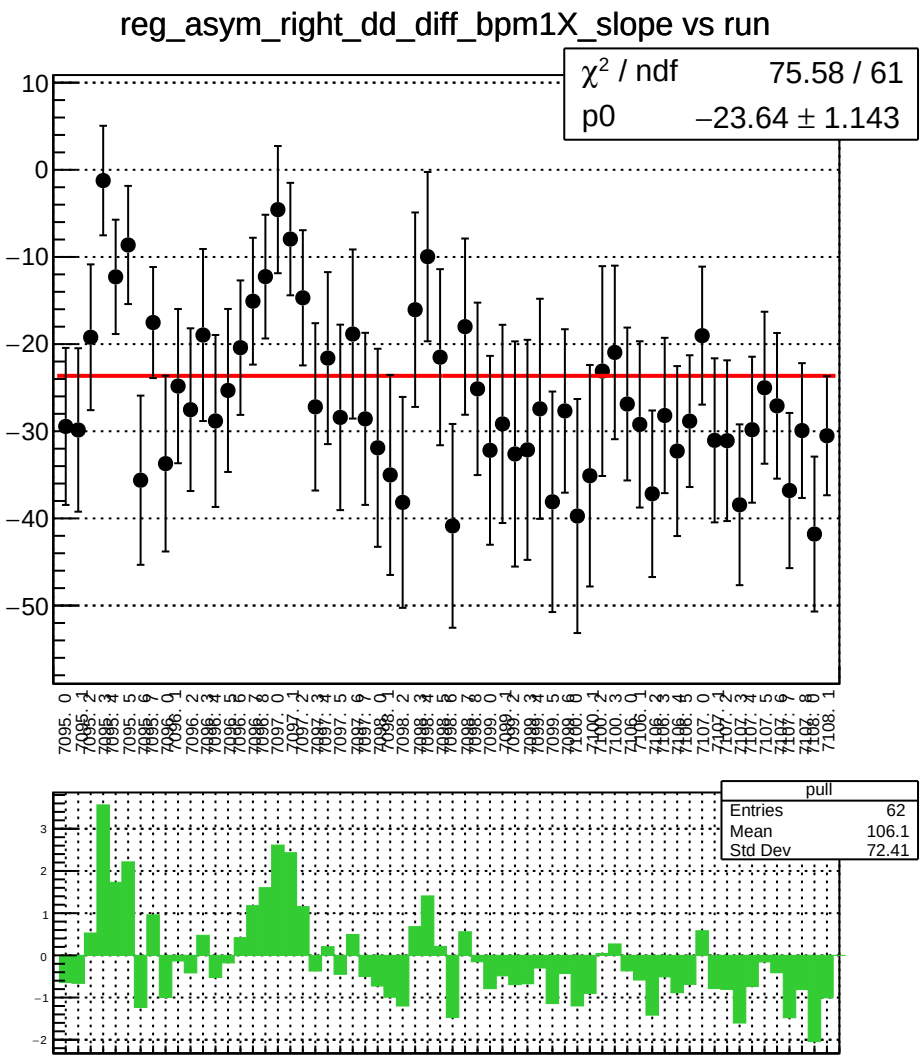

pull1D
Entries 62
Mean 0.1391
Std Dev 1.126

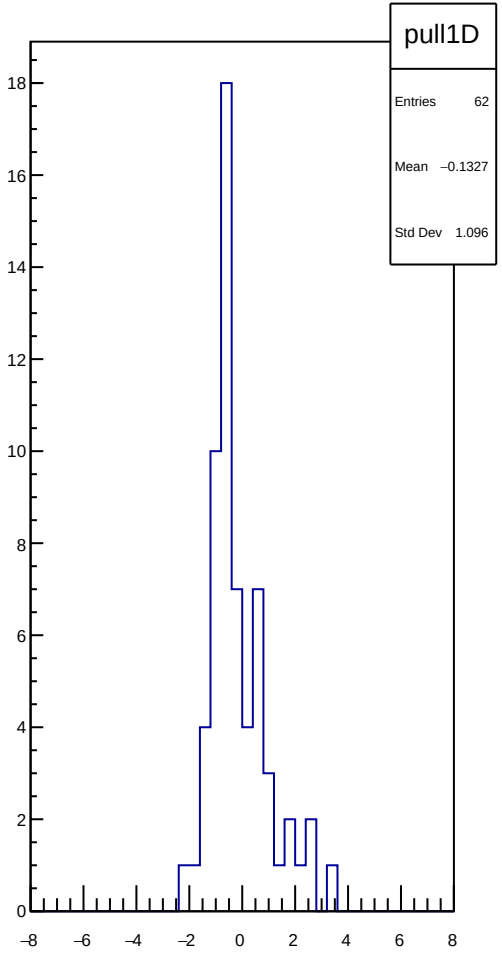

reg_asym_right_avg_diff_bpm4eY_slope vs run
χ² / ndf 42.22 / 61
p0 14.56 ± 1.012
pull
Entries 62
Mean 167.6
Std Dev 132.6

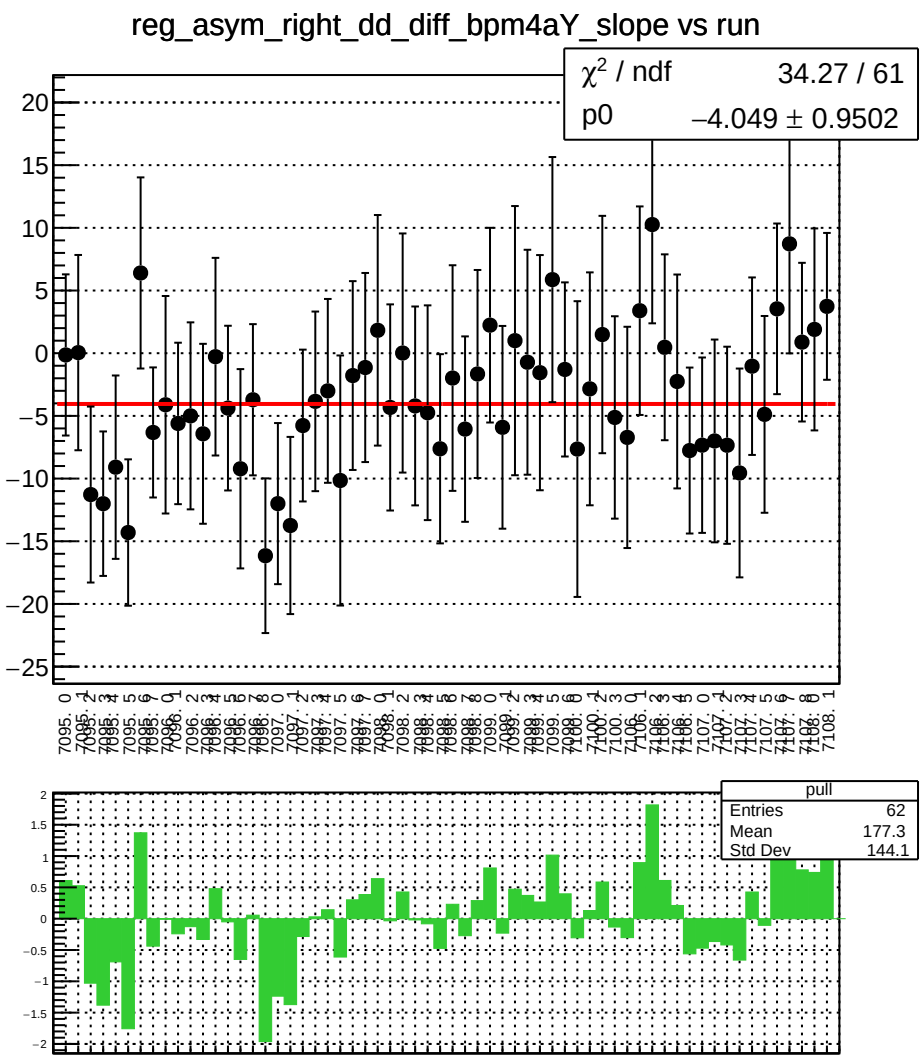

pull1D
Entries 62
Mean −0.04515
Std Dev 0.824

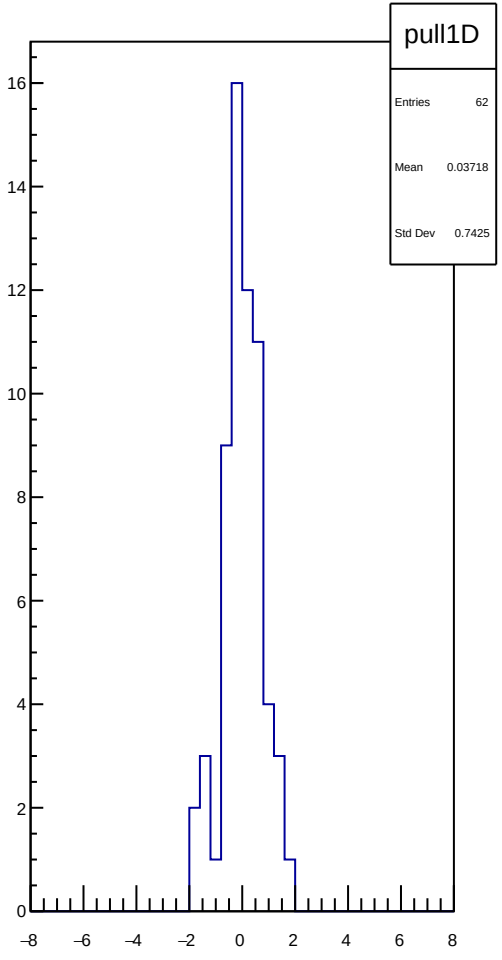

reg_asym_right_avg_diff_bpm12X_slope vs run
χ² / ndf 26.82 / 61
p0 −19.35 ± 0.0473
−18.5
−19
−19.5
−20
−20.5
pull
Entries 62
Mean −57.49
Std Dev 100.8
1.5
1
0.5
0
−0.5
−1
−1.5

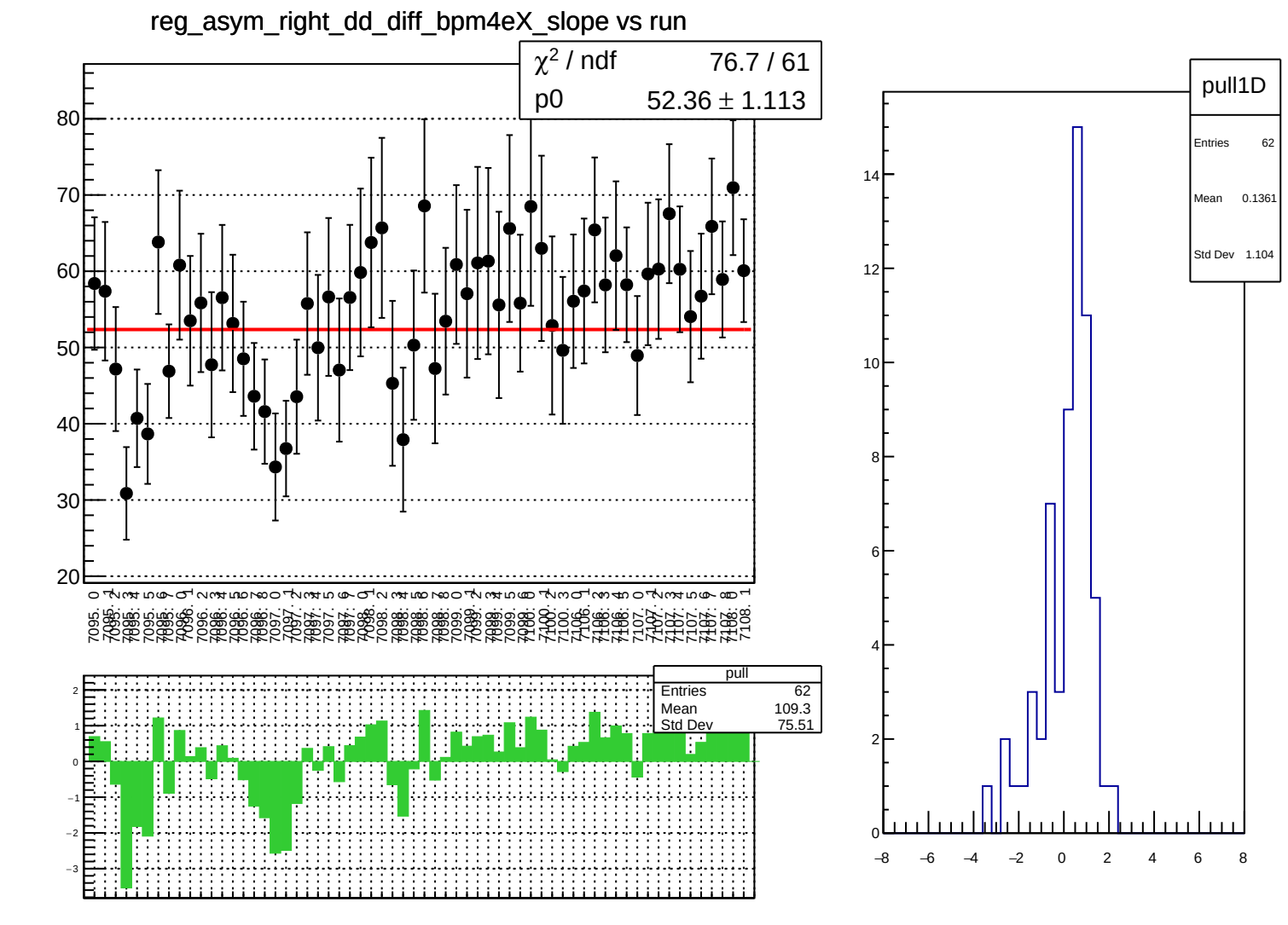

pull1D
Entries 62
Mean −0.0143
Std Dev 0.6575
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

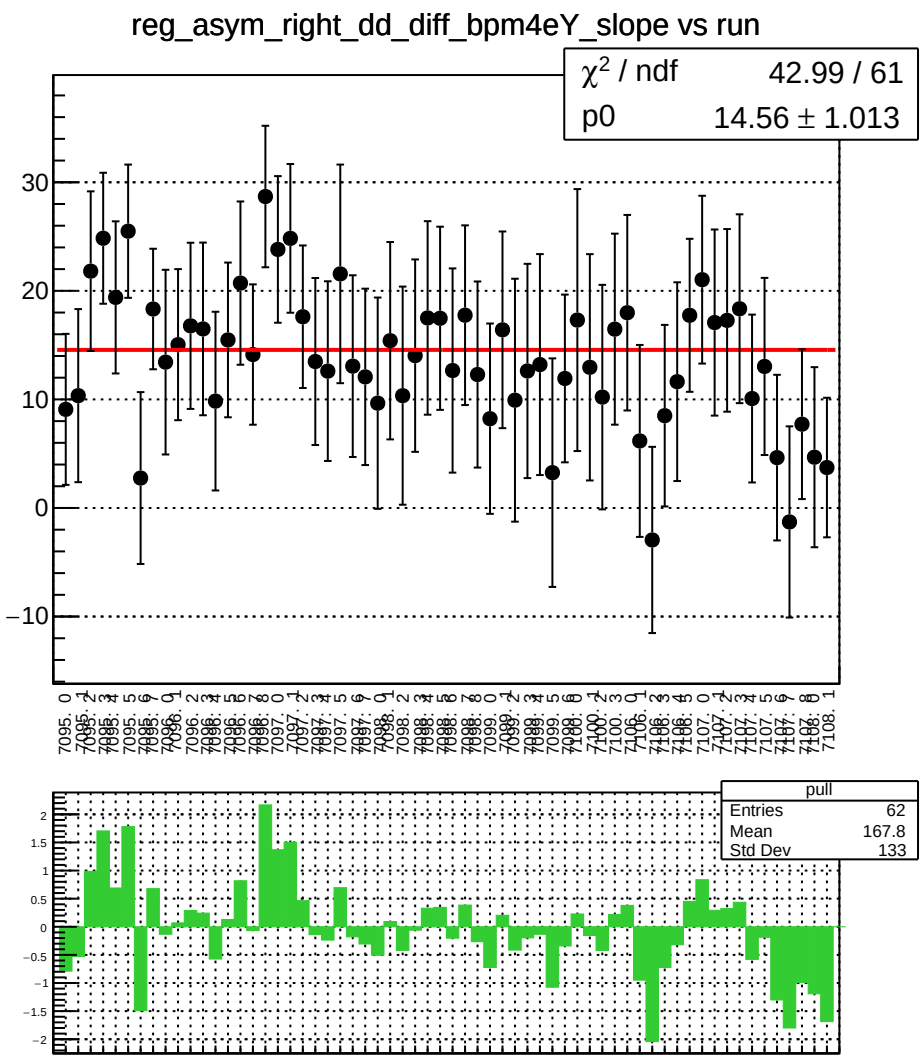

reg_asym_right_dd_diff_bpm1X_slope vs run
χ² / ndf 75.58 / 61
p0 −23.64 ± 1.143
pull
Entries 62
Mean 106.1
Std Dev 72.41

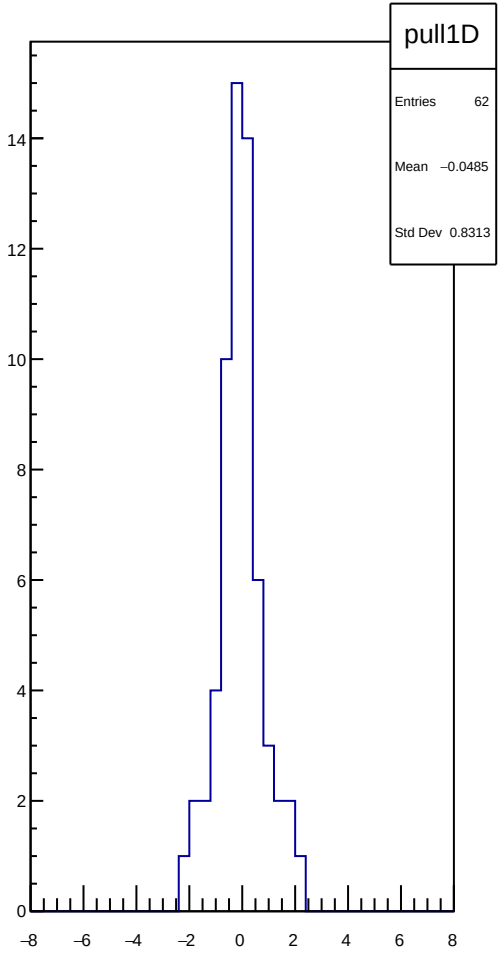

pull1D
Entries 62
Mean −0.1327
Std Dev 1.096

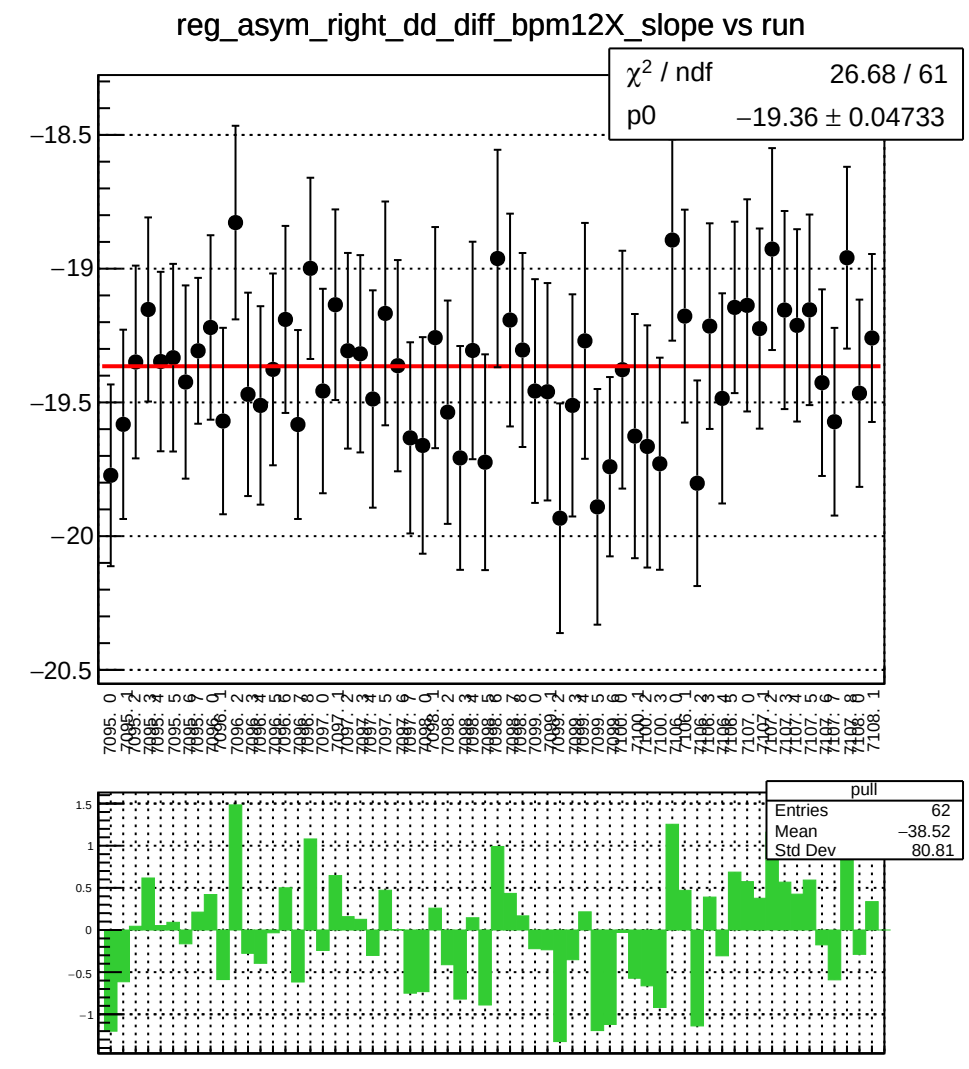

reg_asym_right_dd_diff_bpm4aY_slope vs run
χ² / ndf 34.27 / 61
p0 −4.049 ± 0.9502
pull
Entries 62
Mean 177.3
Std Dev 144.1

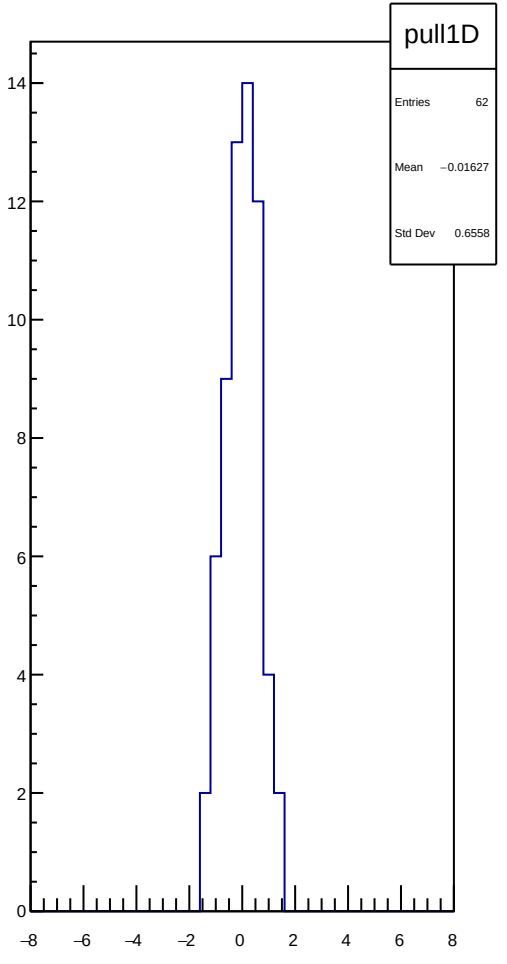

pull1D
Entries 62
Mean 0.03718
Std Dev 0.7425

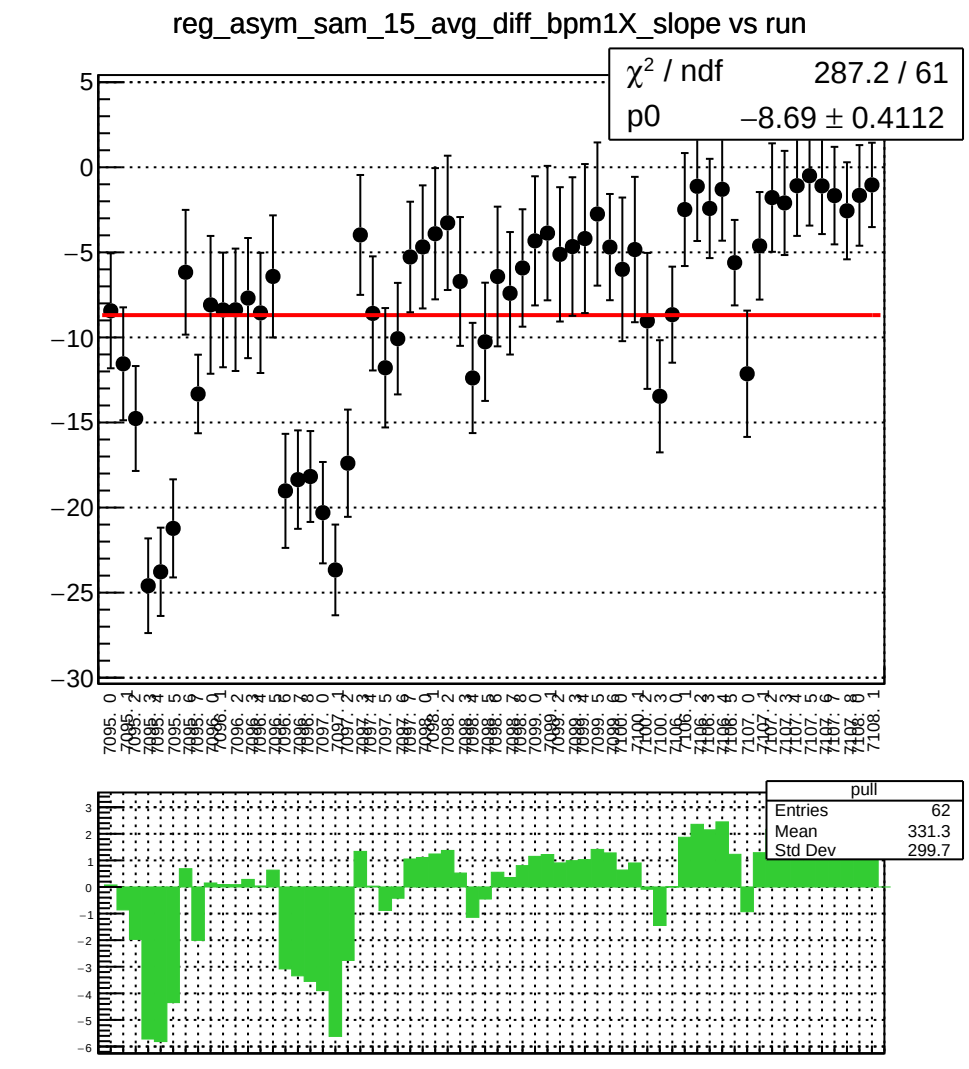

reg_asym_right_dd_diff_bpm4eX_slope vs run
χ² / ndf 76.7 / 61
p0 52.36 ± 1.113
pull
Entries 62
Mean 109.3
Std Dev 75.51
pull1D
Entries 62
Mean 0.1361
Std Dev 1.104

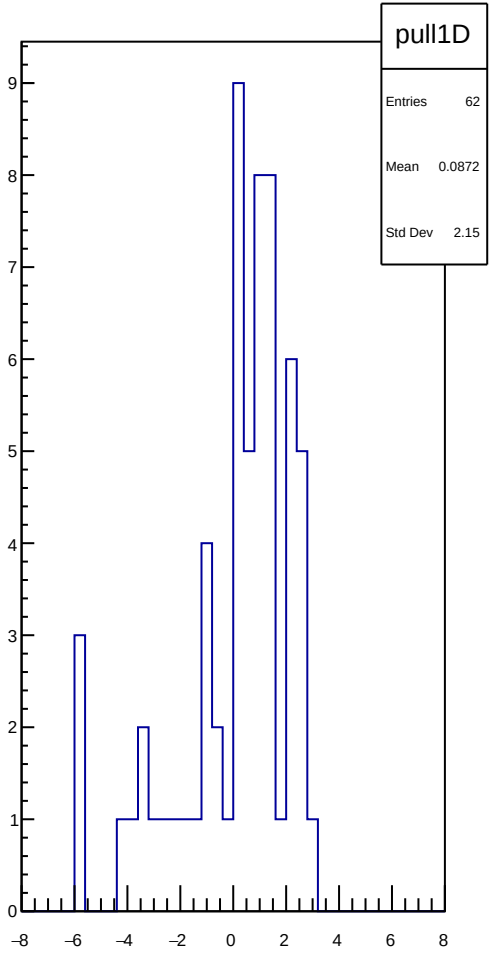

reg_asym_right_dd_diff_bpm4eY_slope vs run
χ² / ndf 42.99 / 61
p0 14.56 ± 1.013
pull
Entries 62
Mean 167.8
Std Dev 133

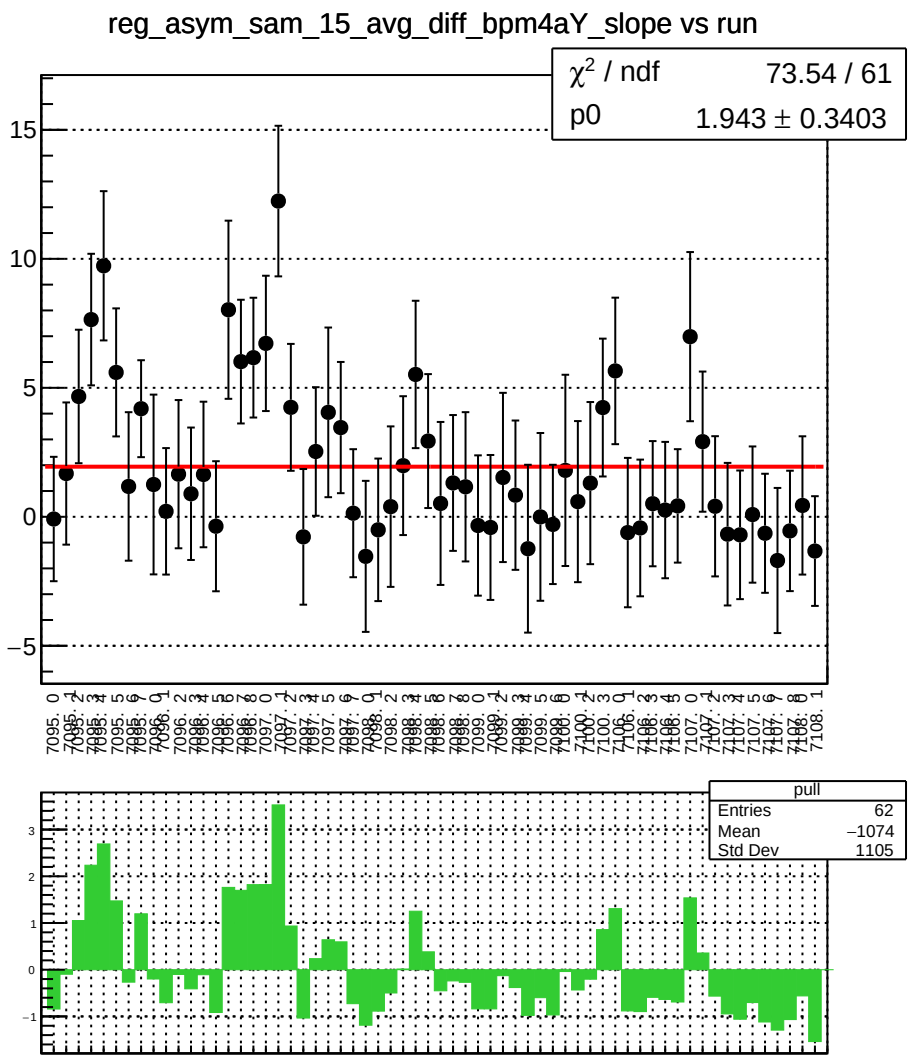

pull1D
Entries 62
Mean −0.0485
Std Dev 0.8313

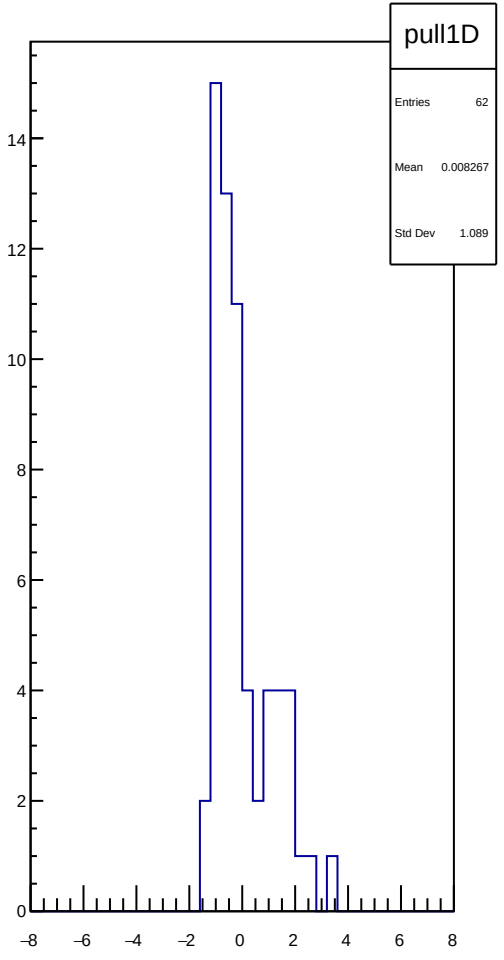

reg_asym_right_dd_diff_bpm12X_slope vs run
χ² / ndf 26.68 / 61
p0 −19.36 ± 0.04733
−18.5
−19
−19.5
−20
−20.5
pull
Entries 62
Mean −38.52
Std Dev 80.81
1.5
1
0.5
0
−0.5
−1

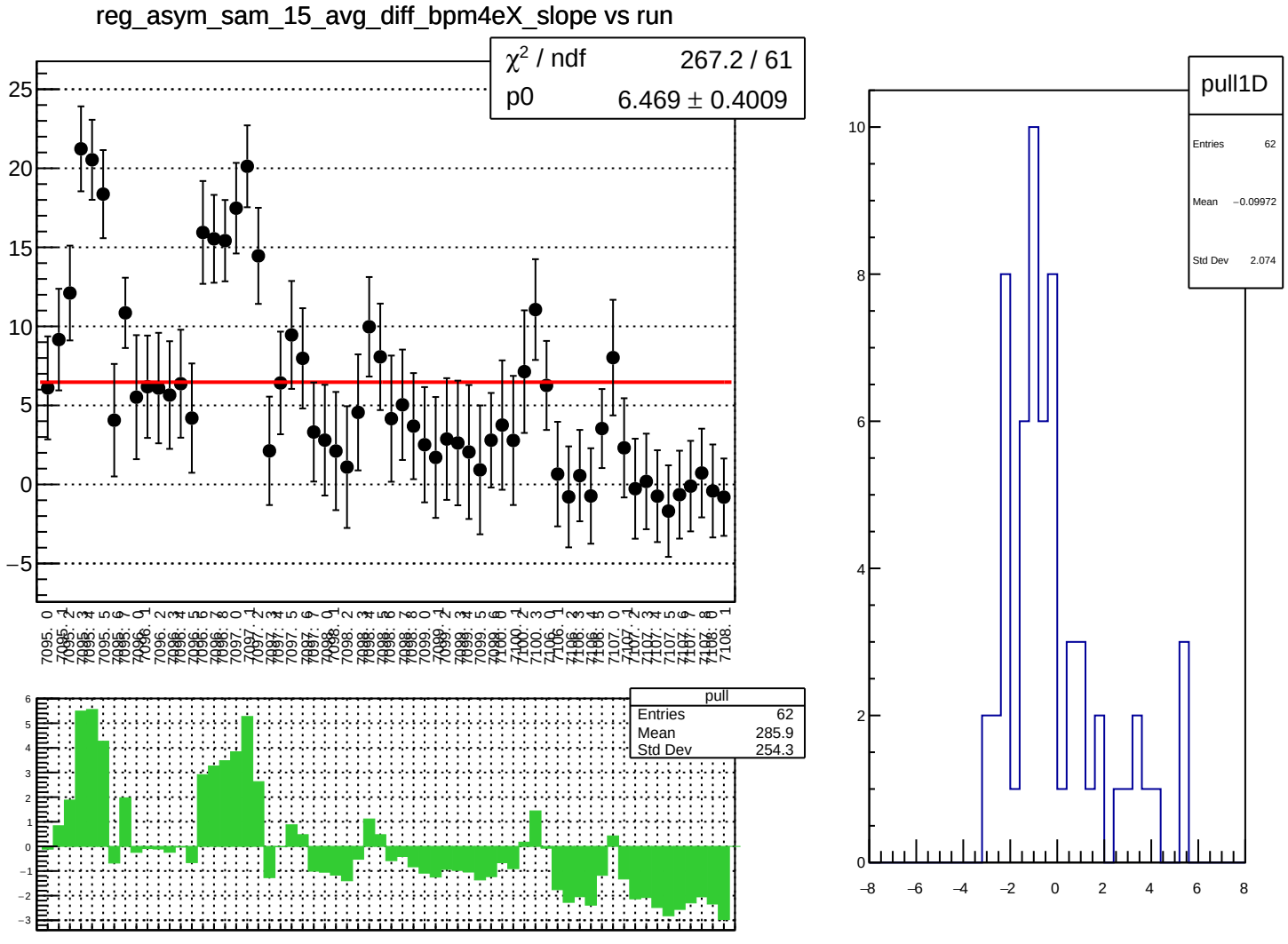

pull1D
Entries 62
Mean −0.01627
Std Dev 0.6558
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

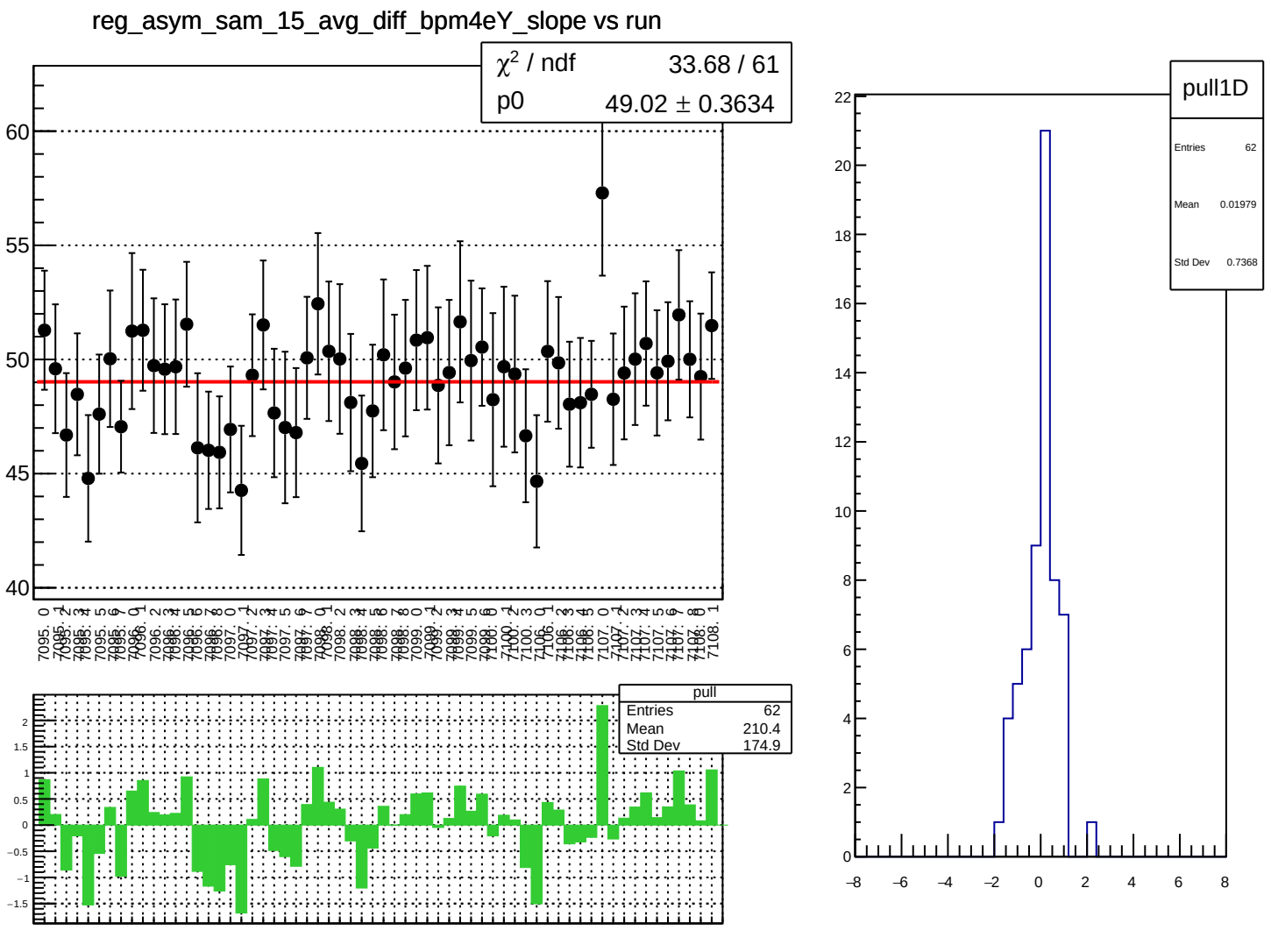

reg_asym_sam_15_avg_diff_bpm1X_slope vs run
χ² / ndf 287.2 / 61
p0 −8.69 ± 0.4112
pull
Entries 62
Mean 331.3
Std Dev 299.7

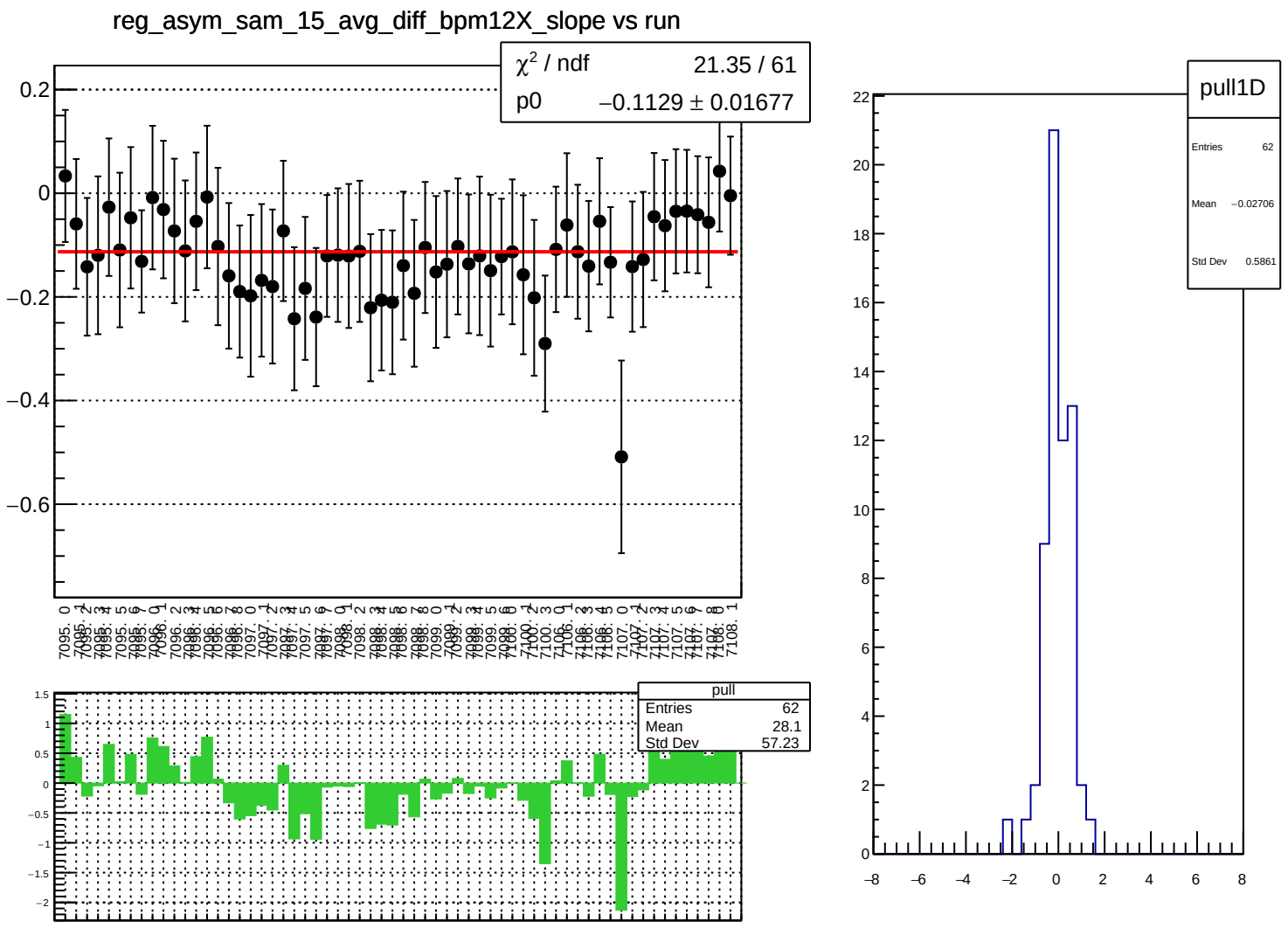

pull1D
Entries 62
Mean 0.0872
Std Dev 2.15

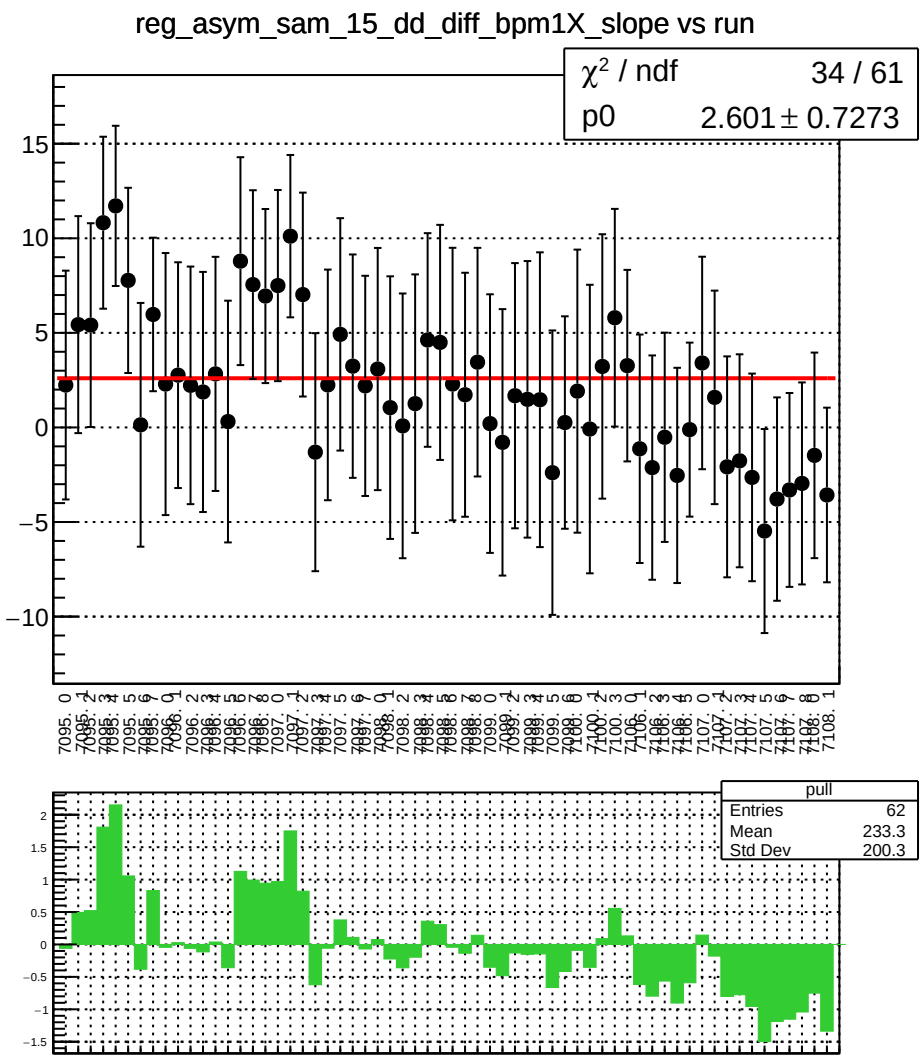

reg_asym_sam_15_avg_diff_bpm4aY_slope vs run
χ² / ndf 73.54 / 61
p0 1.943 ± 0.3403
pull
Entries 62
Mean −1074
Std Dev 1105

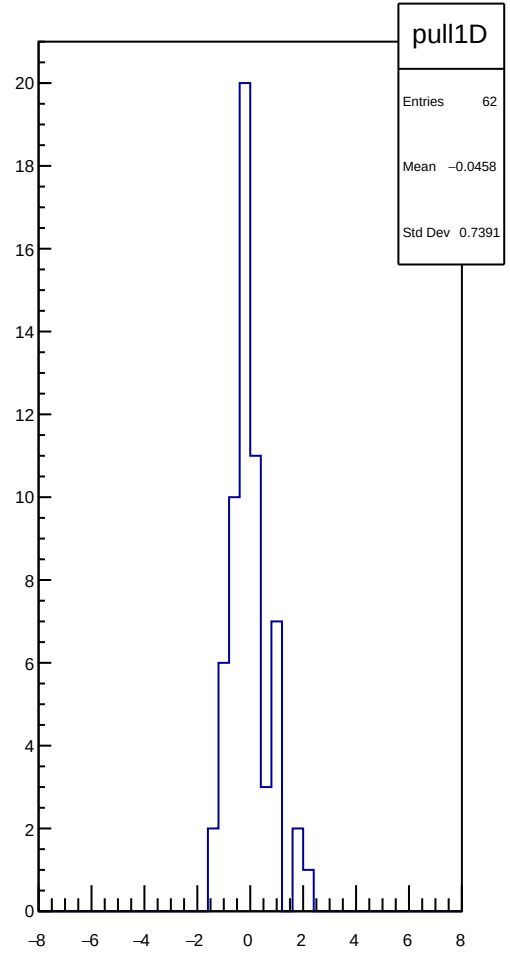

pull1D
Entries 62
Mean 0.008267
Std Dev 1.089

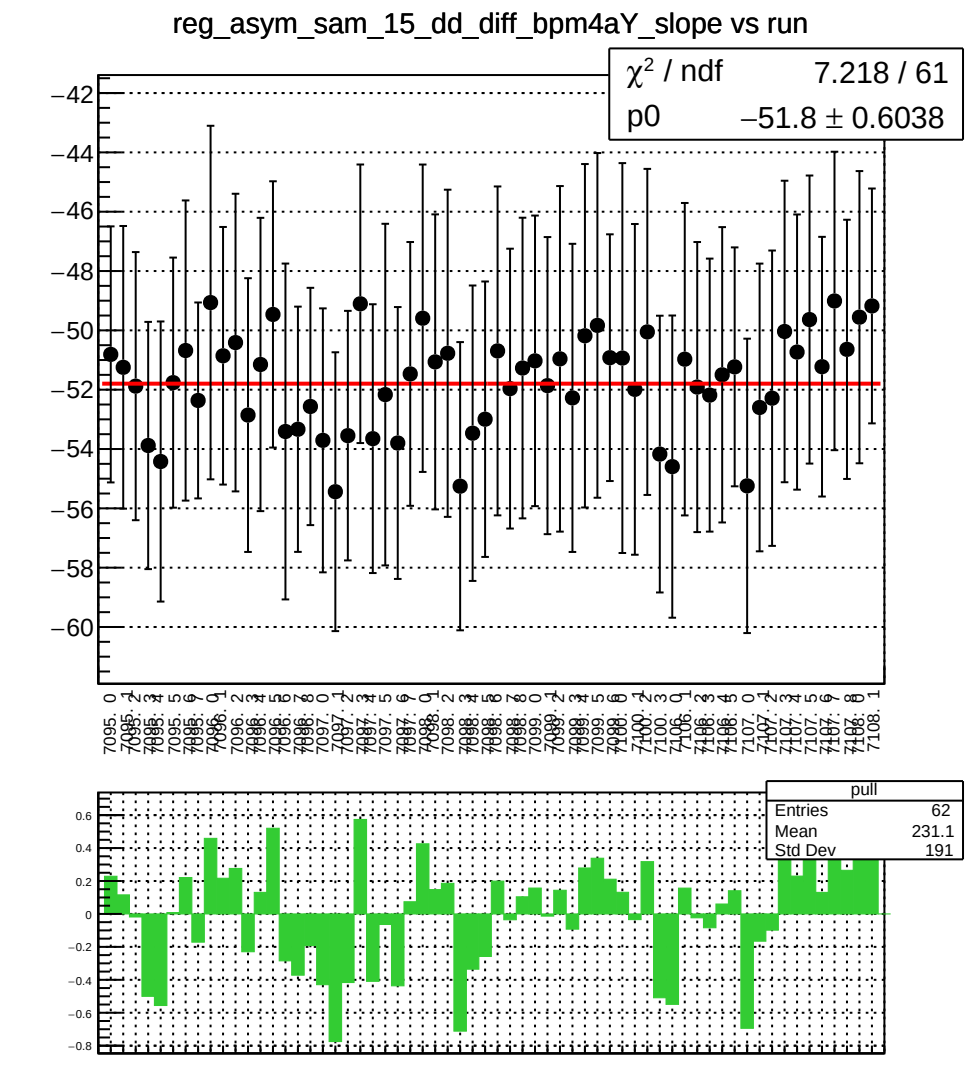

reg_asym_sam_15_avg_diff_bpm4eX_slope vs run
χ² / ndf 267.2 / 61
p0 6.469 ± 0.4009
pull
Entries 62
Mean 285.9
Std Dev 254.3
pull1D
Entries 62
Mean −0.09972
Std Dev 2.074

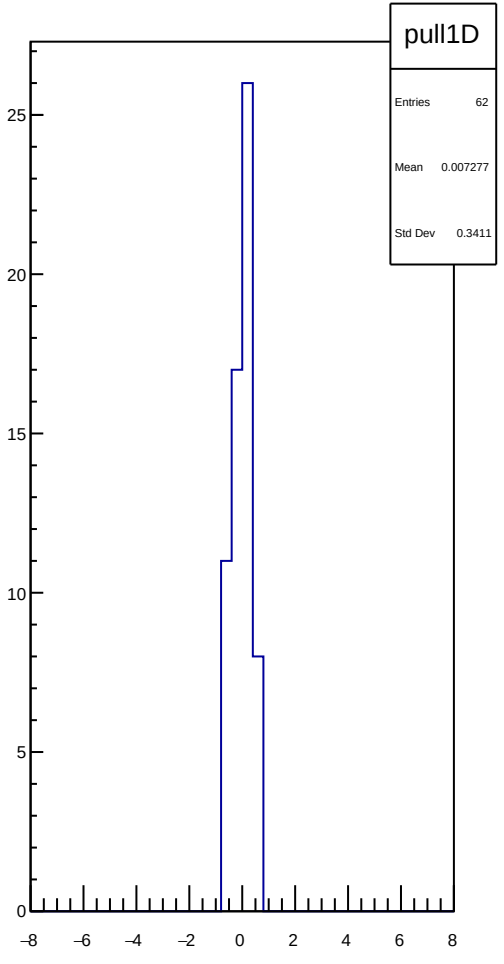

reg_asym_sam_15_avg_diff_bpm4eY_slope vs run
χ² / ndf 33.68 / 61
p0 49.02 ± 0.3634
pull
Entries 62
Mean 210.4
Std Dev 174.9
pull1D
Entries 62
Mean 0.01979
Std Dev 0.7368

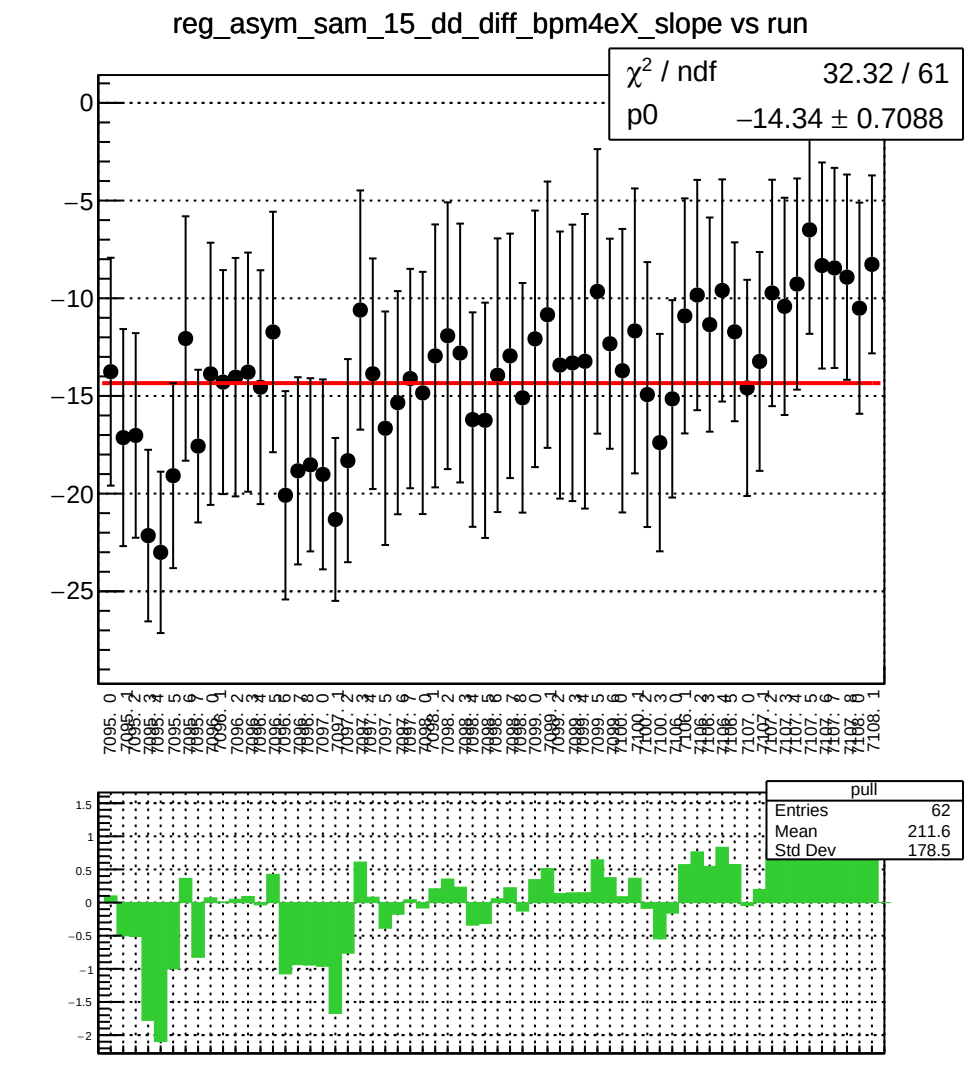

reg_asym_sam_15_avg_diff_bpm12X_slope vs run
χ² / ndf 21.35 / 61
p0 −0.1129 ± 0.01677
pull
Entries 62
Mean 28.1
Std Dev 57.23
pull1D
Entries 62
Mean −0.02706
Std Dev 0.5861

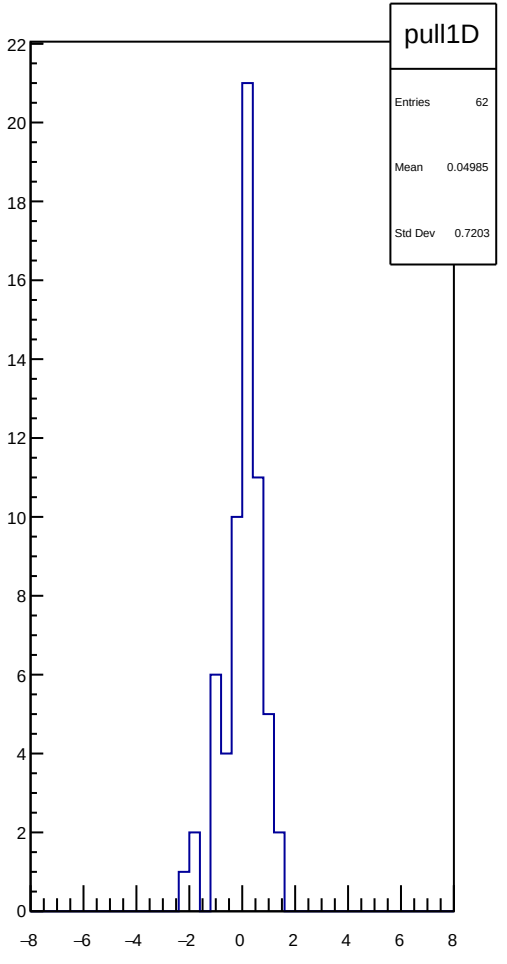

reg_asym_sam_15_dd_diff_bpm1X_slope vs run
χ² / ndf 34 / 61
p0 2.601 ± 0.7273
pull
Entries 62
Mean 233.3
Std Dev 200.3

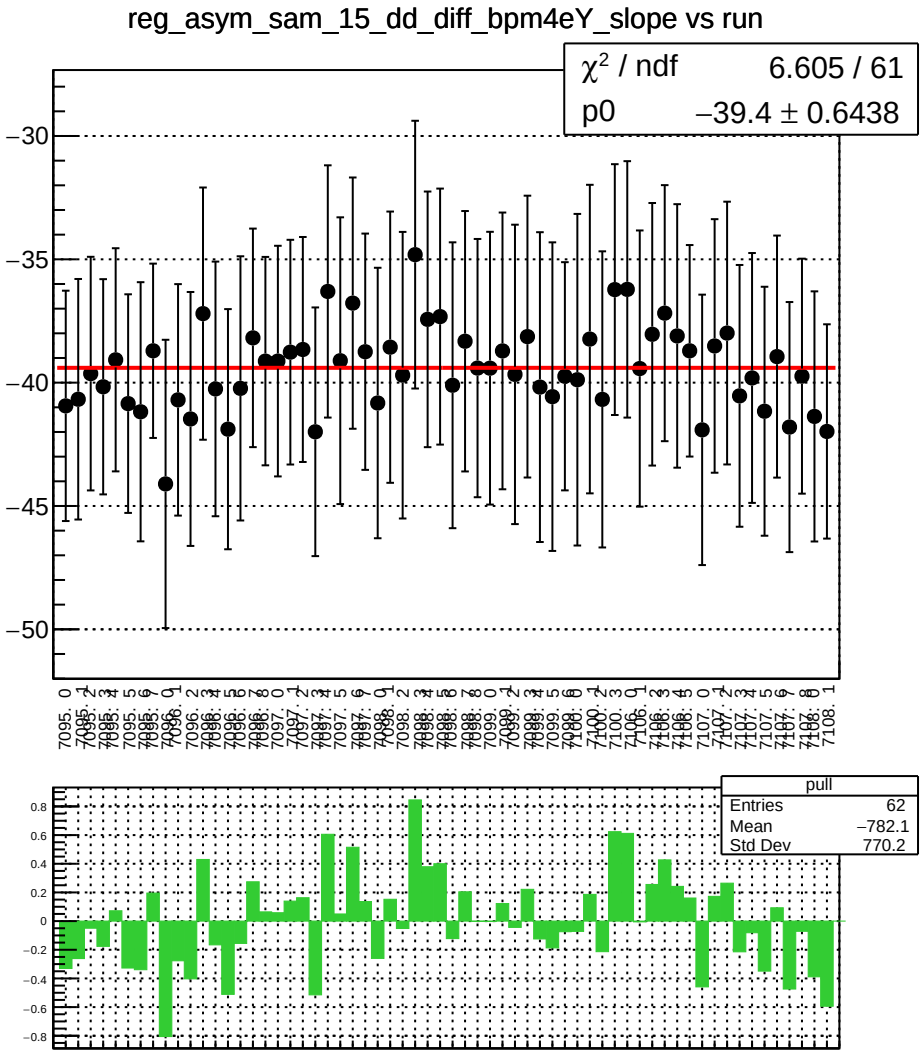

pull1D
Entries 62
Mean −0.0458
Std Dev 0.7391

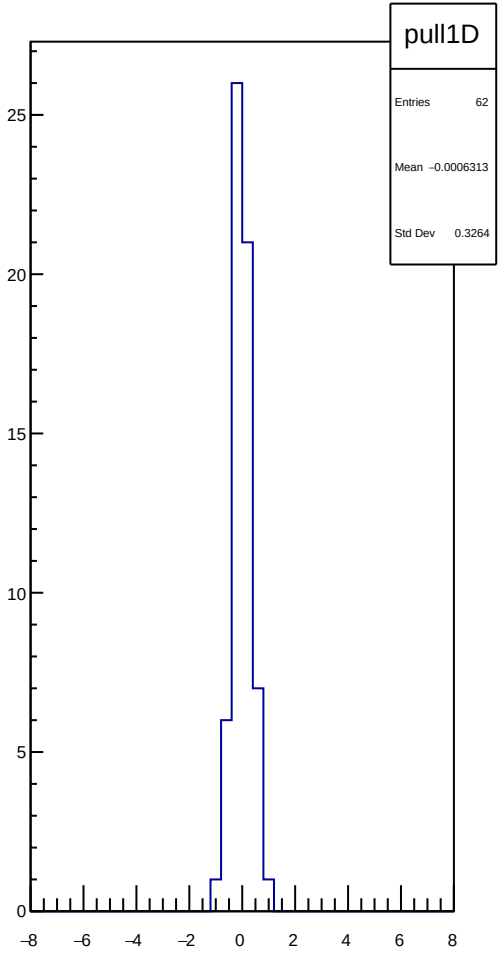

reg_asym_sam_15_dd_diff_bpm4aY_slope vs run
χ² / ndf 7.218 / 61
p0 −51.8 ± 0.6038
pull
Entries 62
Mean 231.1
Std Dev 191

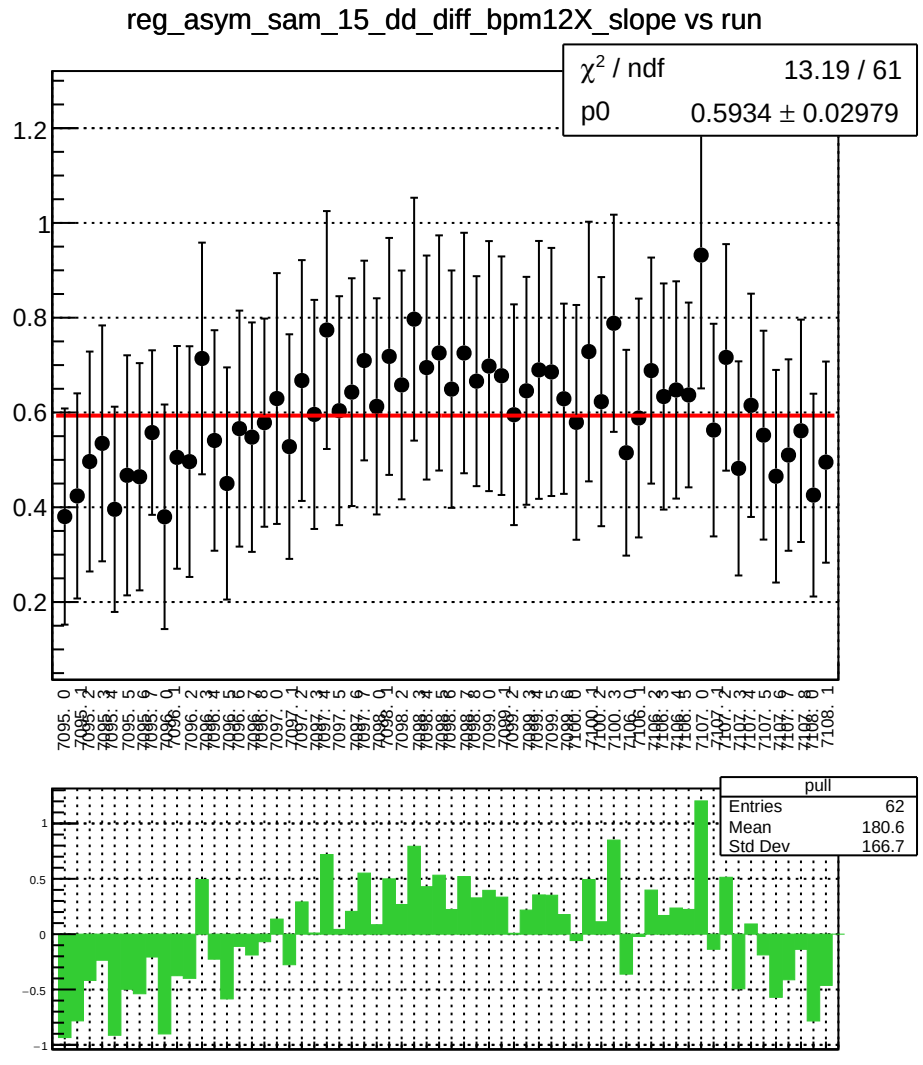

pull1D
Entries 62
Mean 0.007277
Std Dev 0.3411

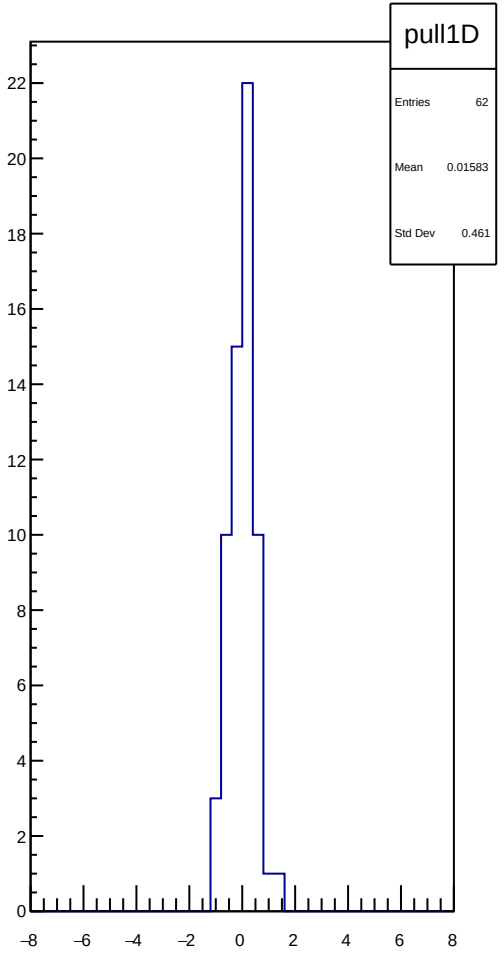

reg_asym_sam_15_dd_diff_bpm4eX_slope vs run
χ² / ndf 32.32 / 61
p0 −14.34 ± 0.7088
pull
Entries 62
Mean 211.6
Std Dev 178.5

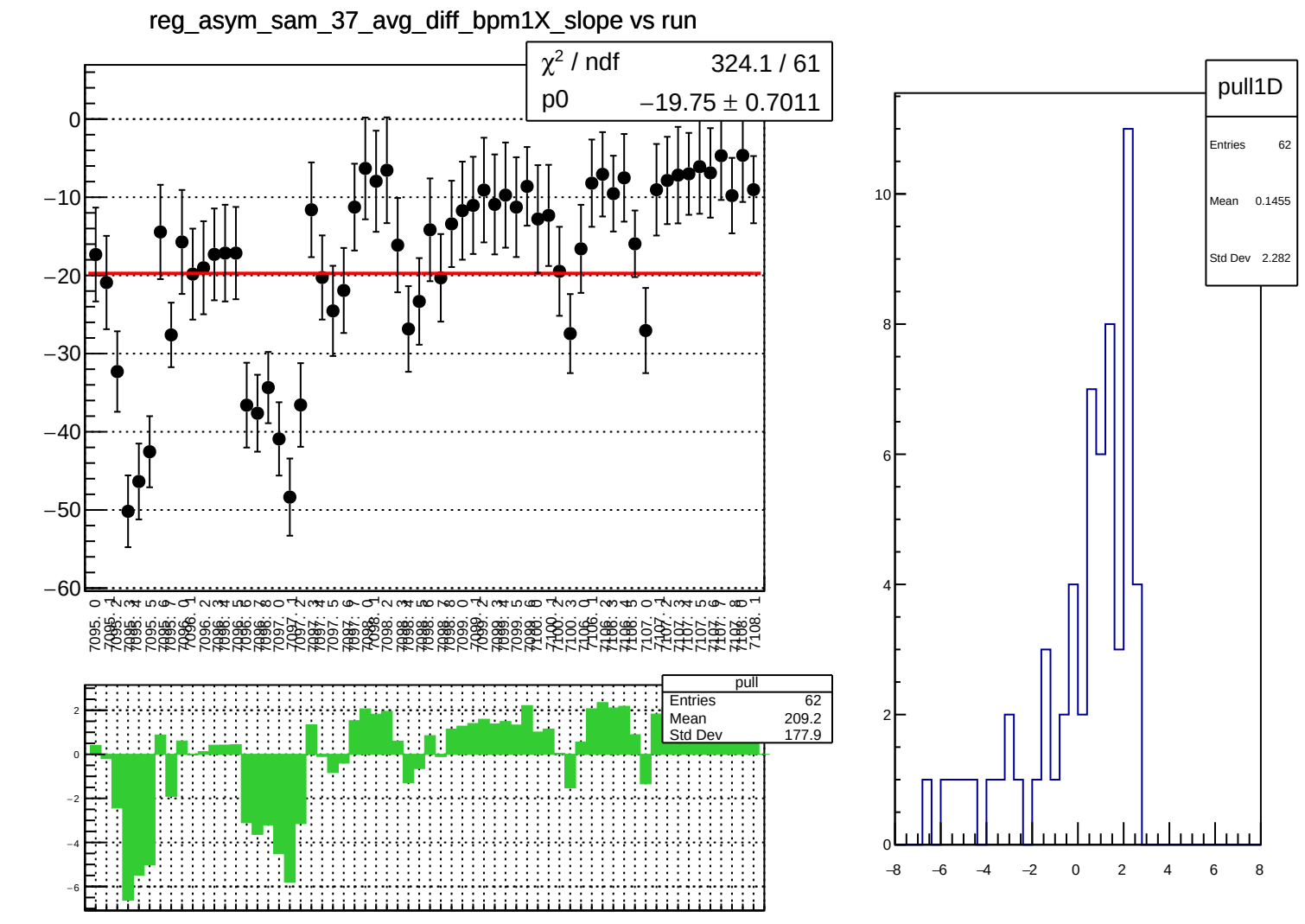

pull1D
Entries 62
Mean 0.04985
Std Dev 0.7203

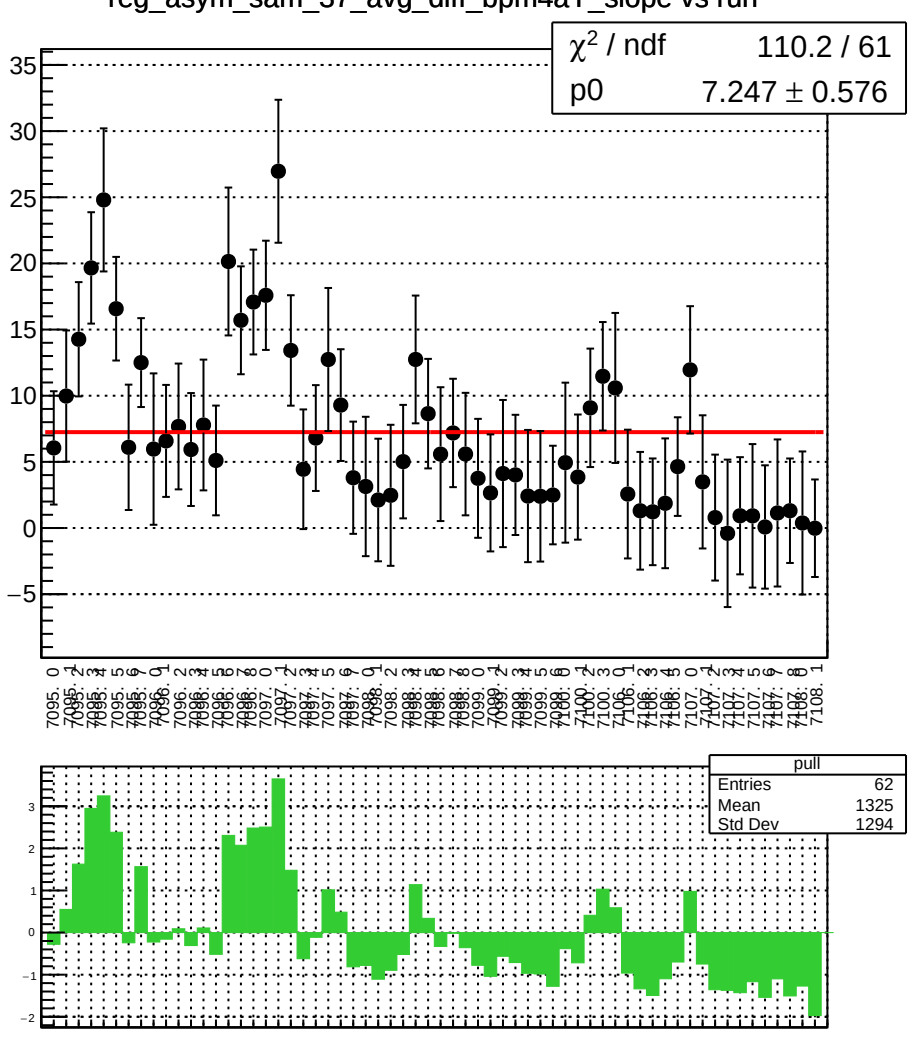

reg_asym_sam_15_dd_diff_bpm4eY_slope vs run
χ² / ndf 6.605 / 61
p0 −39.4 ± 0.6438
pull
Entries 62
Mean −782.1
Std Dev 770.2

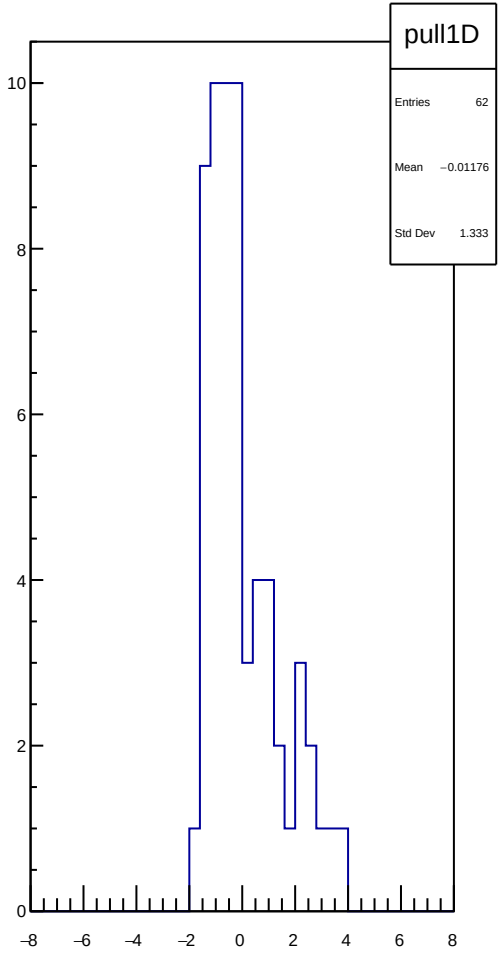

pull1D
Entries 62
Mean −0.0006313
Std Dev 0.3264

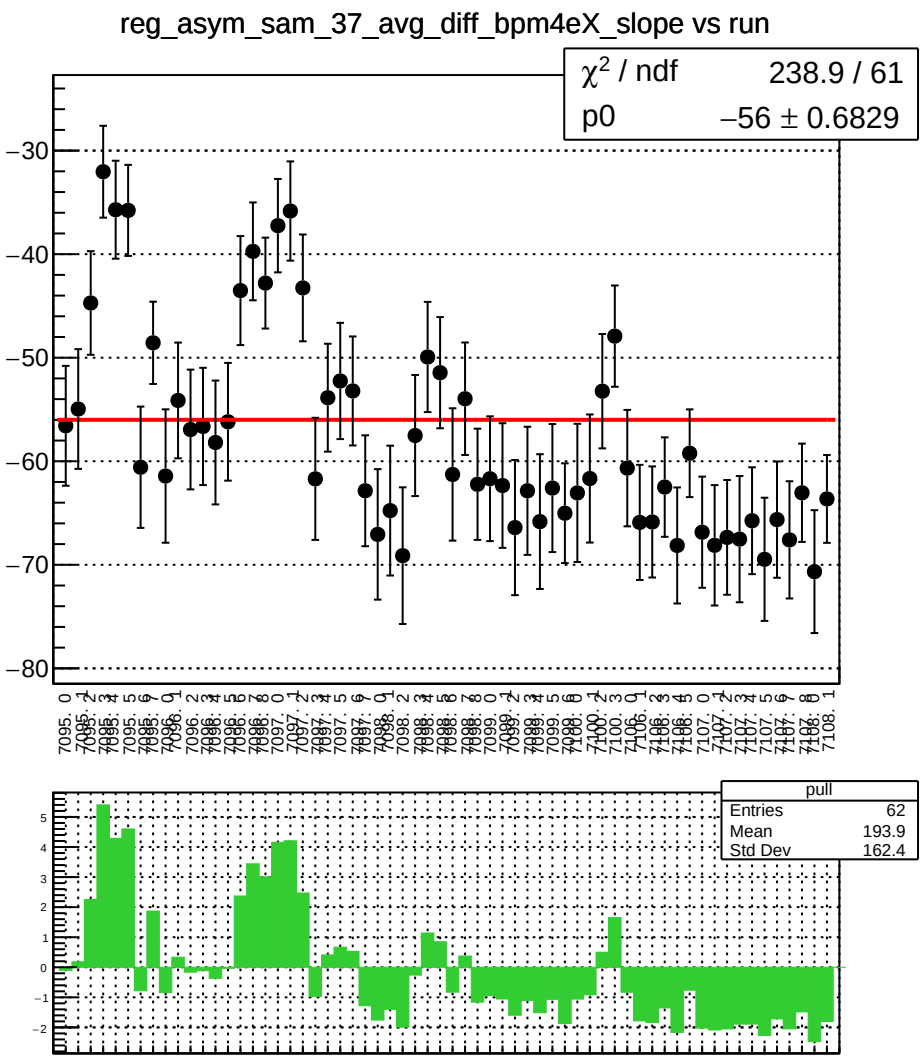

reg_asym_sam_15_dd_diff_bpm12X_slope vs run
χ² / ndf 13.19 / 61
p0 0.5934 ± 0.02979
pull
Entries 62
Mean 180.6
Std Dev 166.7

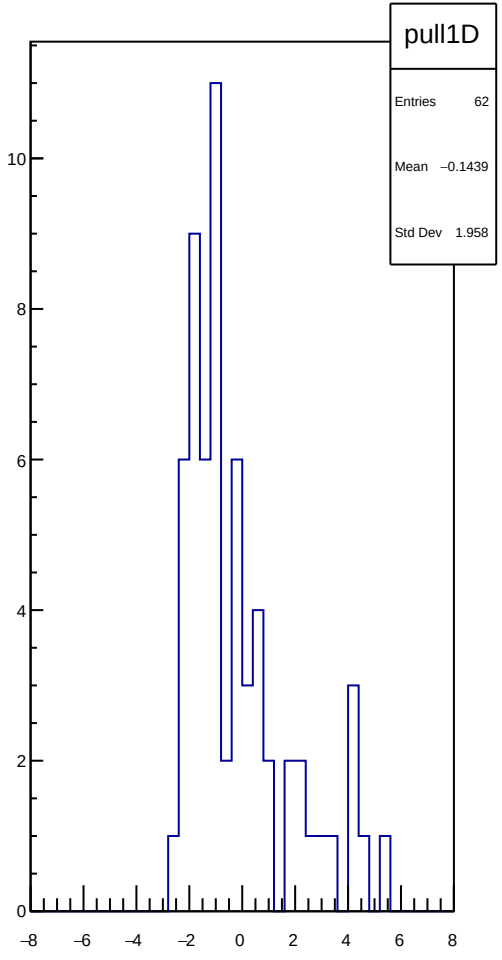

pull1D
Entries 62
Mean 0.01583
Std Dev 0.461

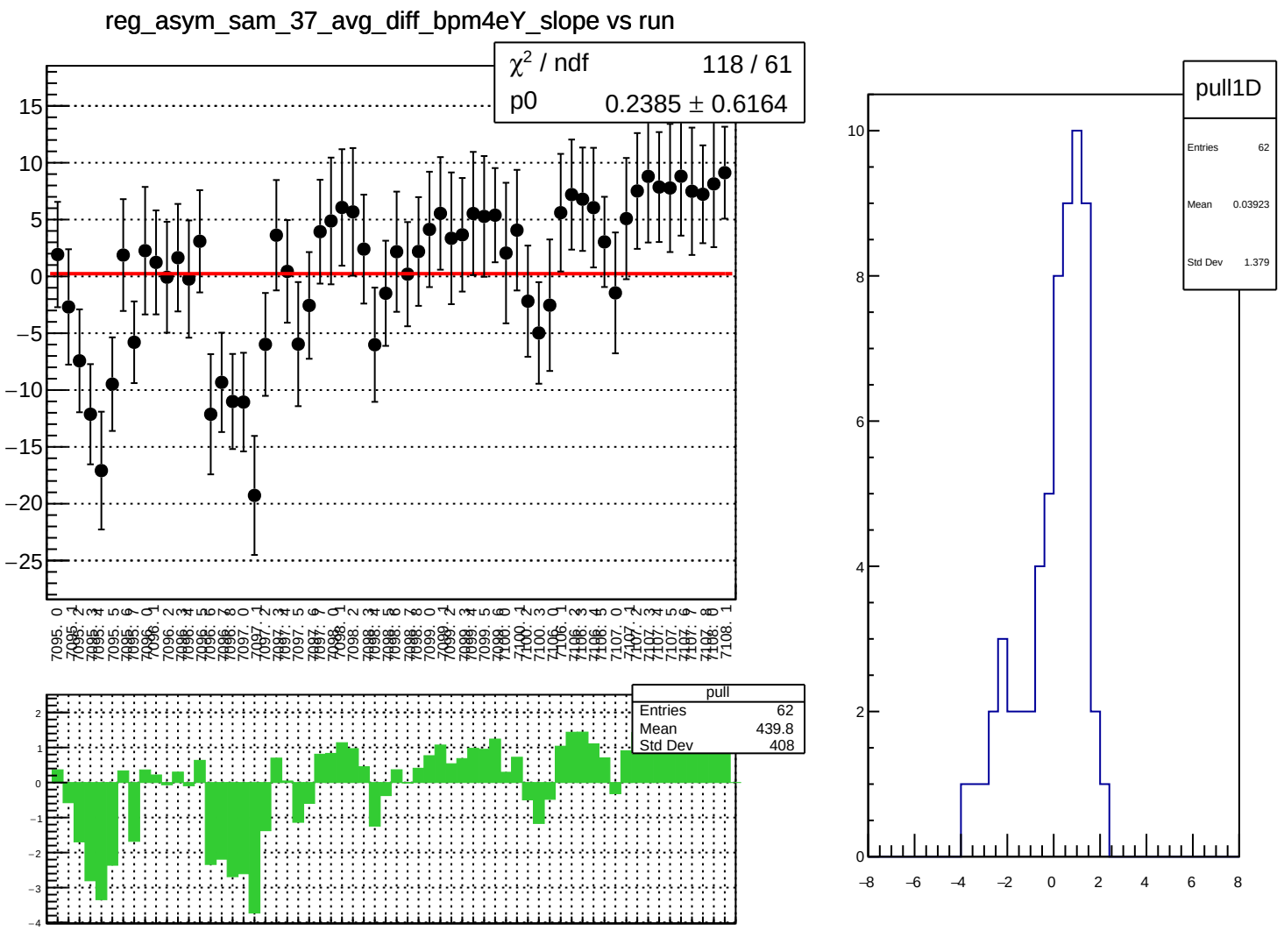

reg_asym_sam_37_avg_diff_bpm1X_slope vs run
χ² / ndf 324.1 / 61
p0 −19.75 ± 0.7011
pull
Entries 62
Mean 209.2
Std Dev 177.9
pull1D
Entries 62
Mean 0.1455
Std Dev 2.282

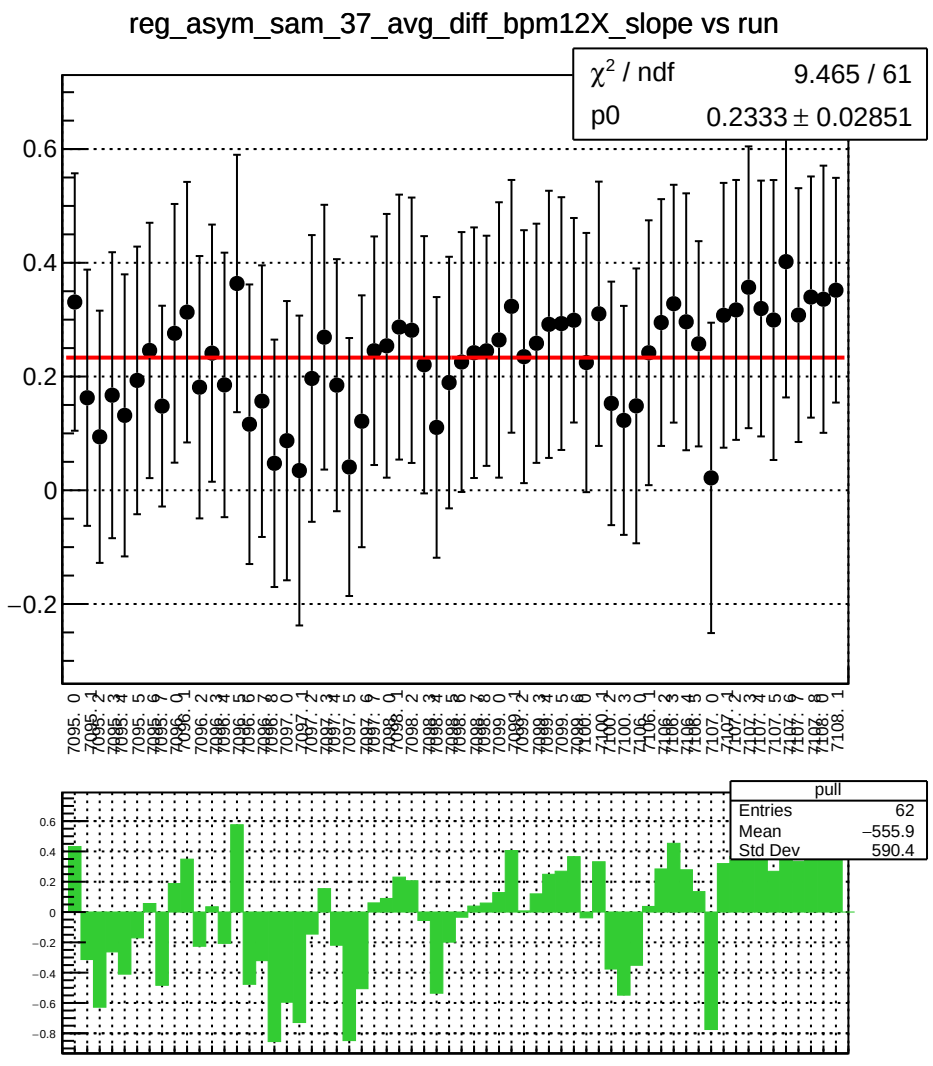

reg_asym_sam_37_avg_diff_bpm4aY_slope vs run
χ² / ndf 110.2 / 61
p0 7.247 ± 0.576
pull
Entries 62
Mean 1325
Std Dev 1294

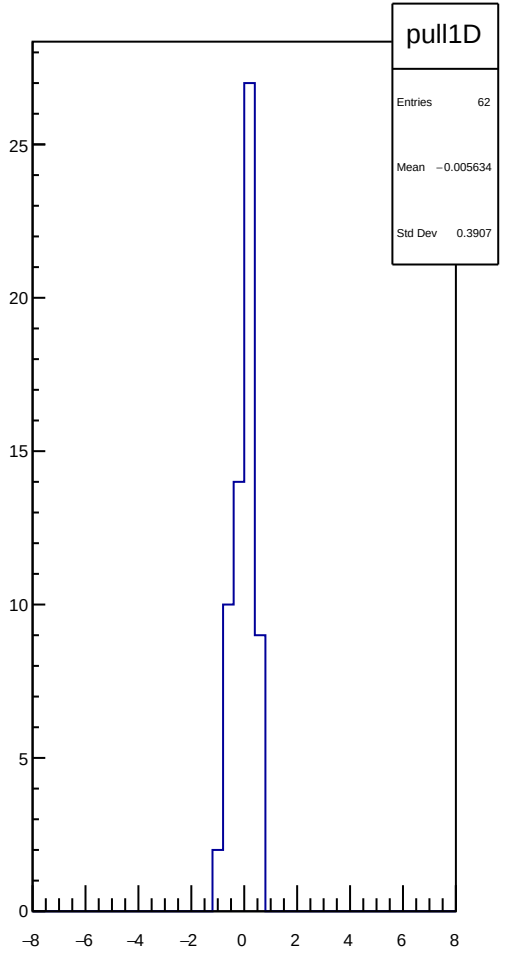

pull1D
Entries 62
Mean −0.01176
Std Dev 1.333

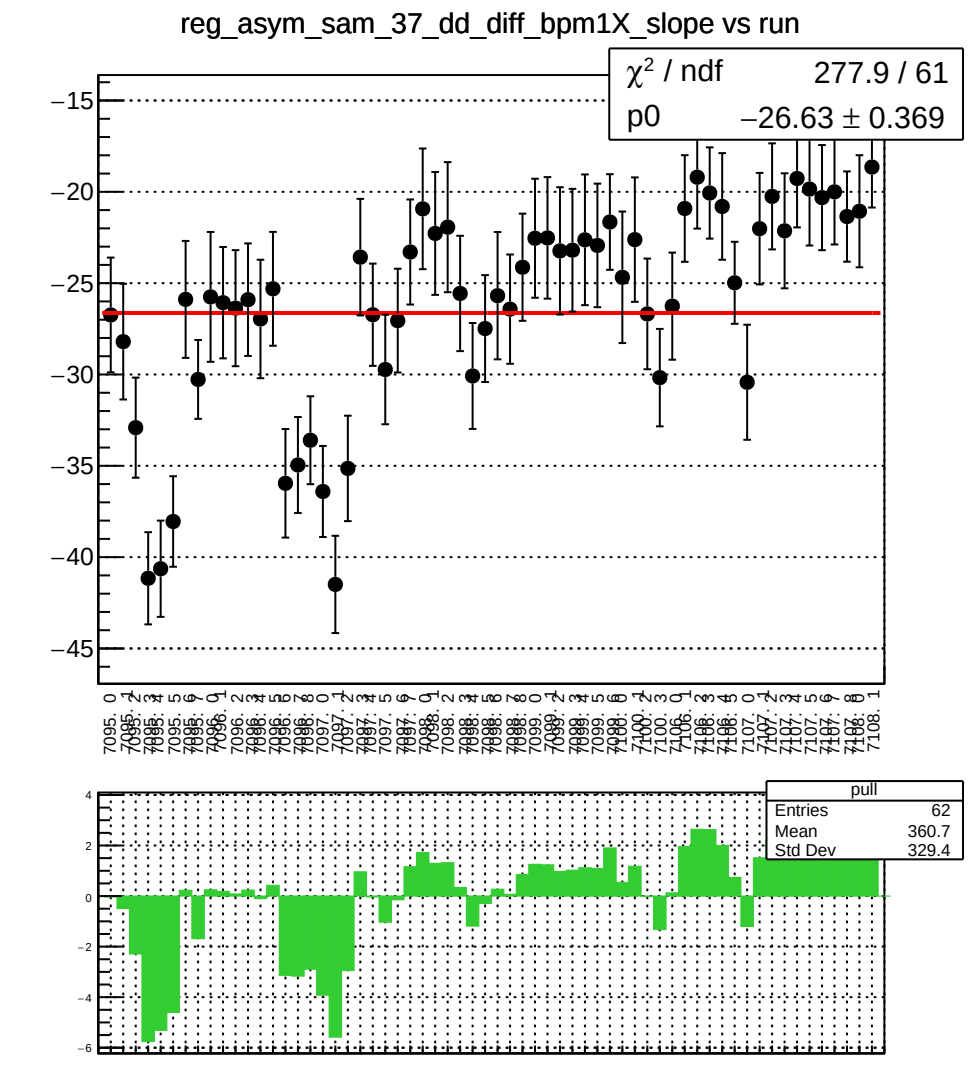

reg_asym_sam_37_avg_diff_bpm4eX_slope vs run
χ² / ndf 238.9 / 61
p0 −56 ± 0.6829
pull
Entries 62
Mean 193.9
Std Dev 162.4

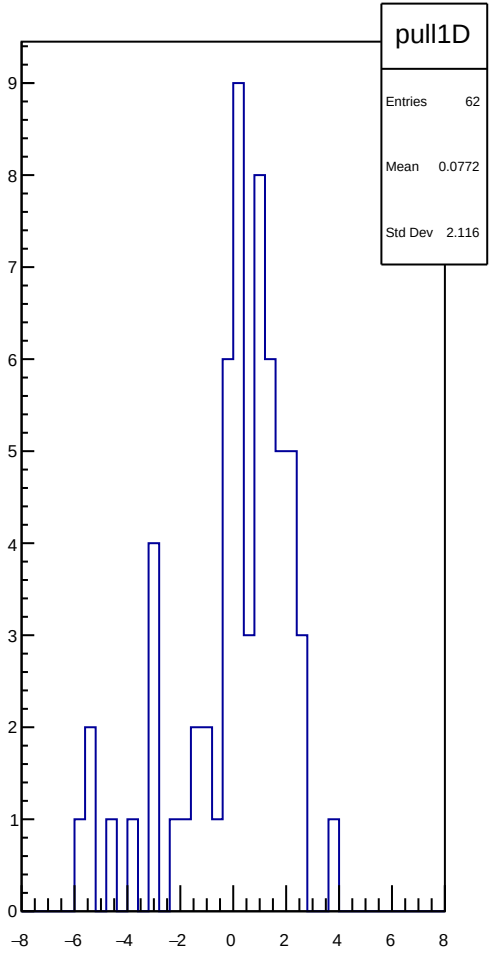

pull1D
Entries 62
Mean −0.1439
Std Dev 1.958

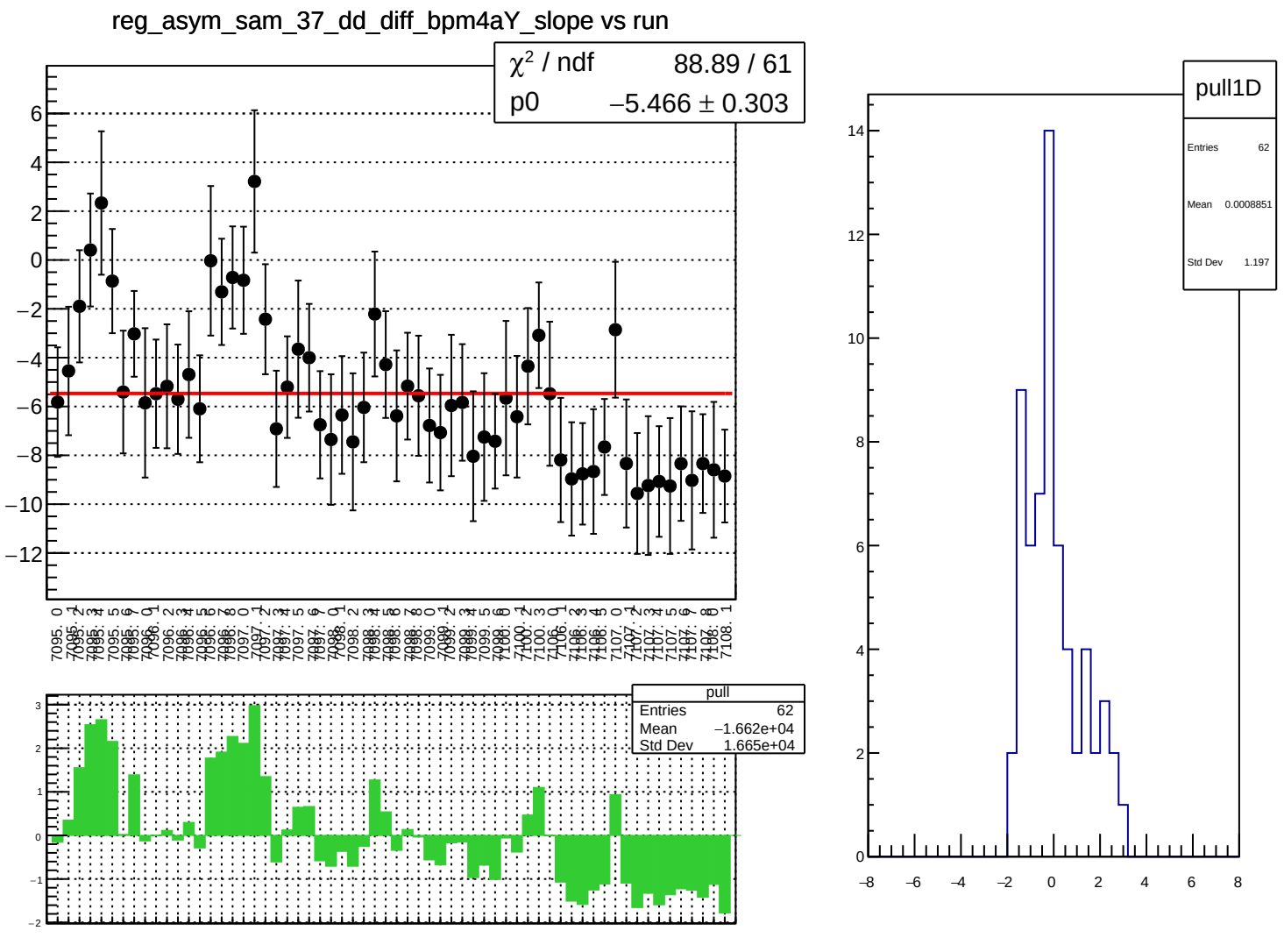

reg_asym_sam_37_avg_diff_bpm4eY_slope vs run
χ² / ndf 118 / 61
p0 0.2385 ± 0.6164
pull
Entries 62
Mean 439.8
Std Dev 408
pull1D
Entries 62
Mean 0.03923
Std Dev 1.379

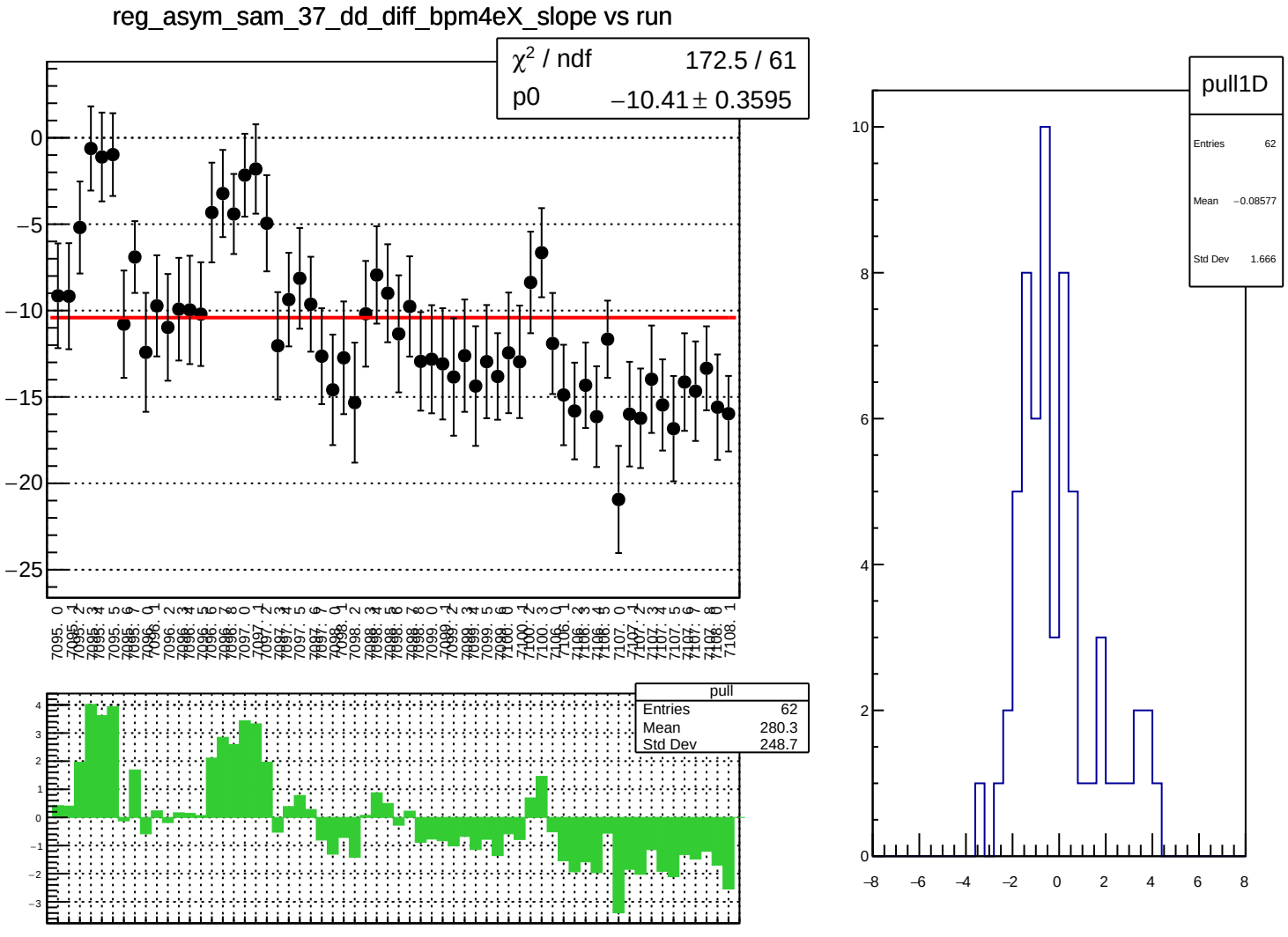

reg_asym_sam_37_avg_diff_bpm12X_slope vs run
χ² / ndf 9.465 / 61
p0 0.2333 ± 0.02851
pull
Entries 62
Mean −555.9
Std Dev 590.4

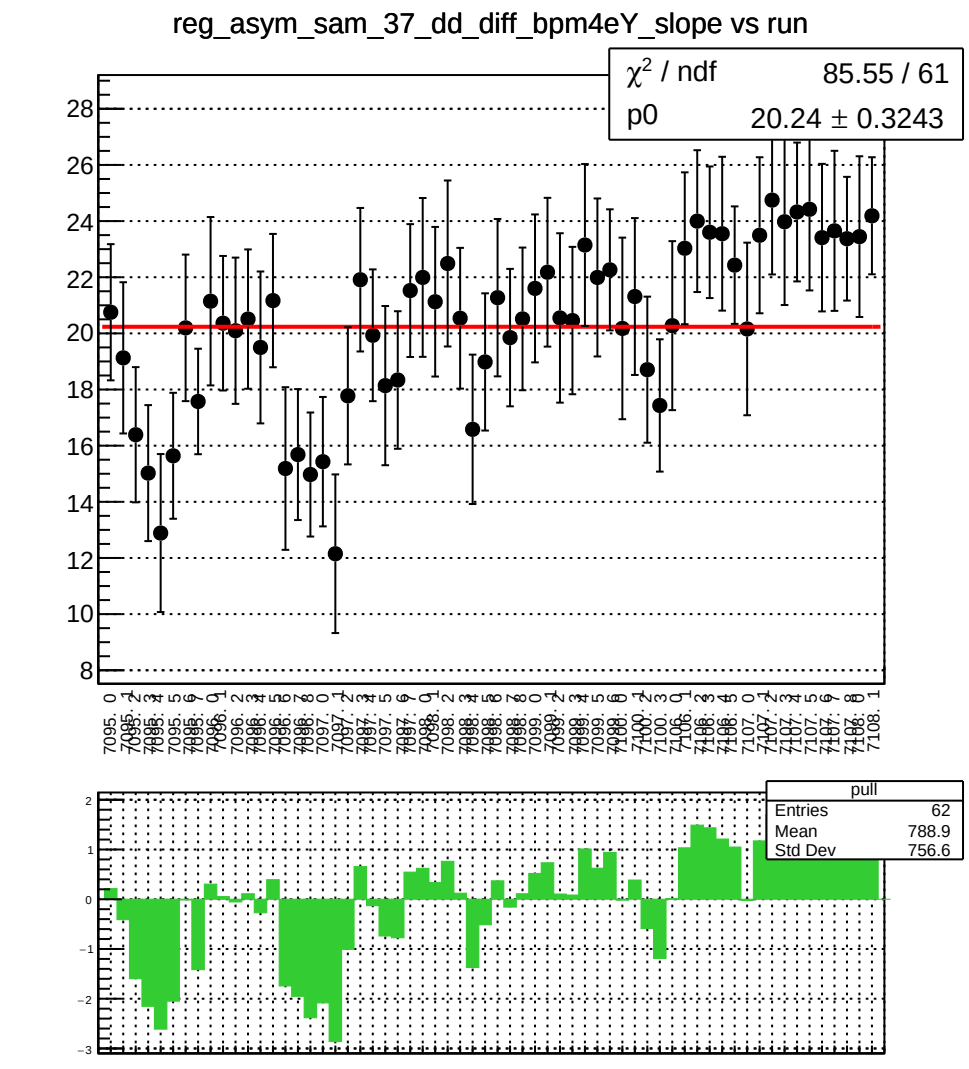

pull1D
Entries 62
Mean −0.005634
Std Dev 0.3907

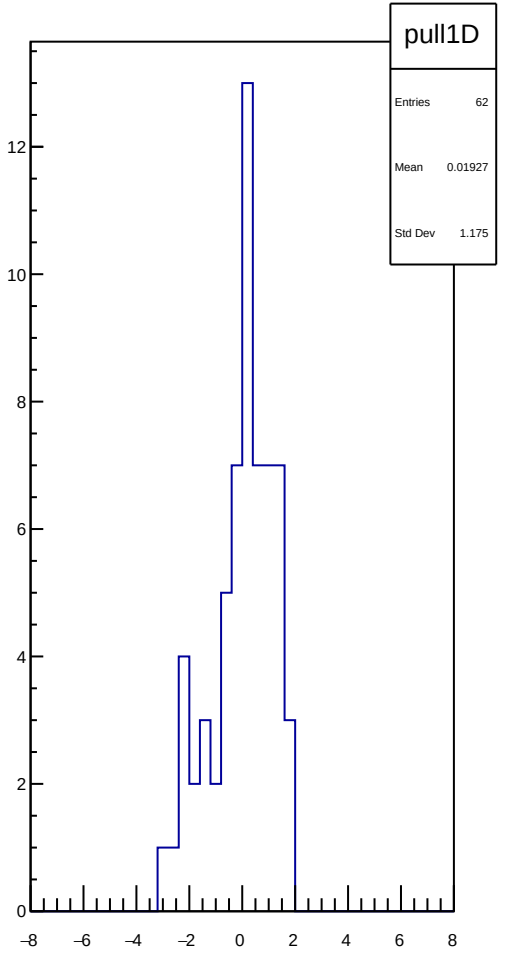

reg_asym_sam_37_dd_diff_bpm1X_slope vs run
χ² / ndf 277.9 / 61
p0 −26.63 ± 0.369
pull
Entries 62
Mean 360.7
Std Dev 329.4

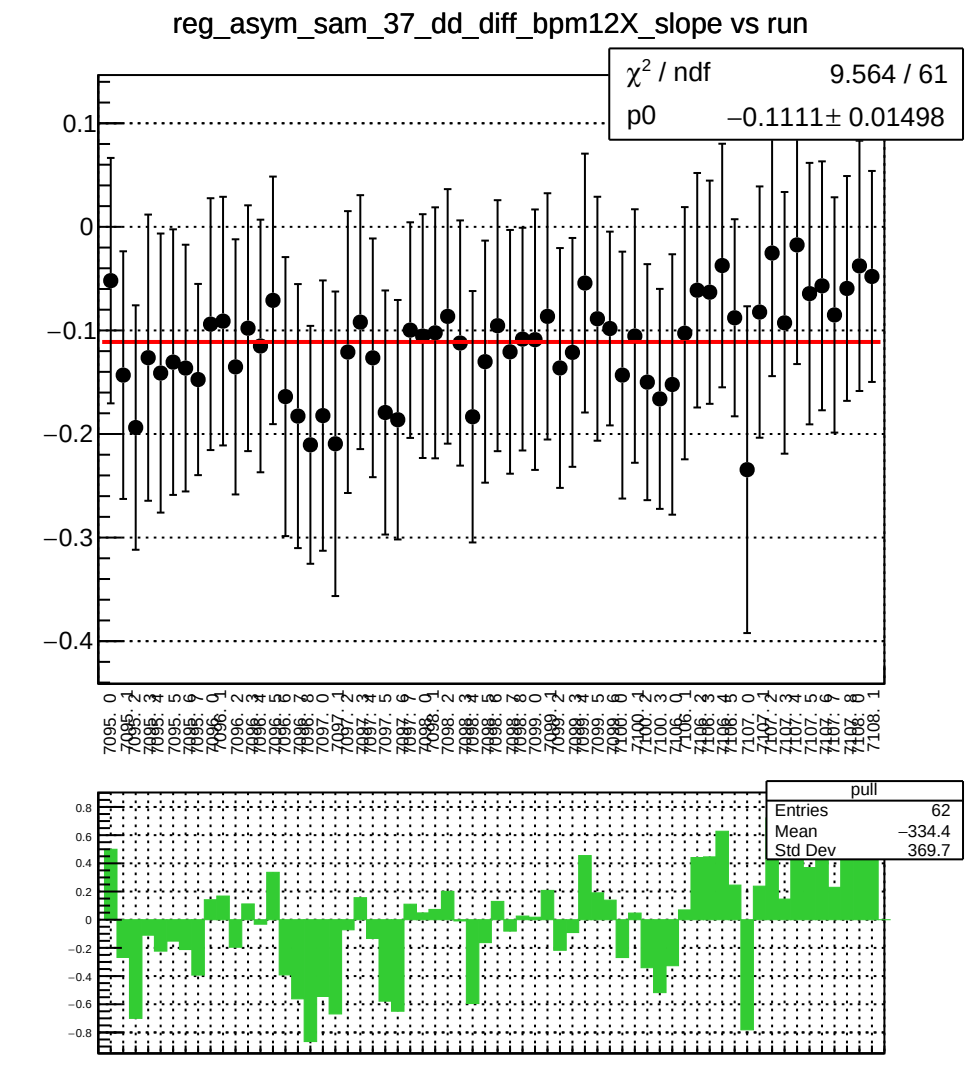

pull1D
Entries 62
Mean 0.0772
Std Dev 2.116

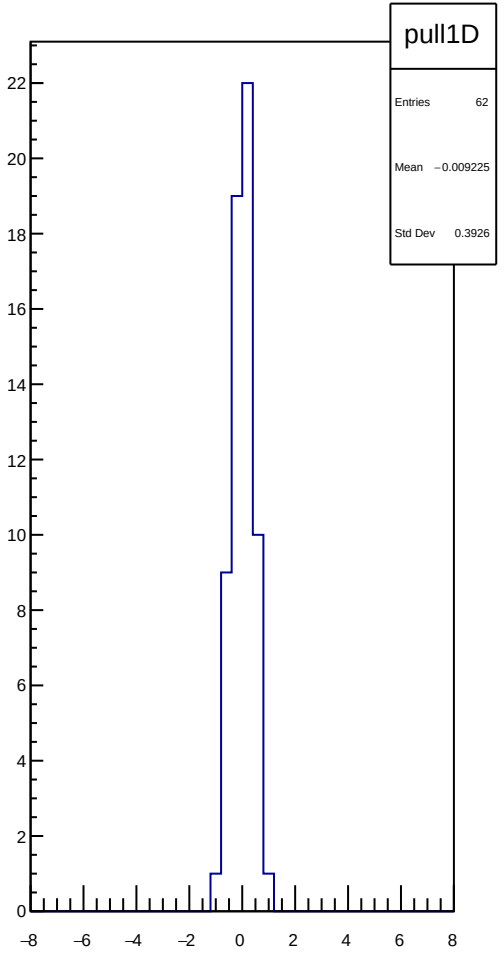

reg_asym_sam_37_dd_diff_bpm4aY_slope vs run
χ² / ndf 88.89 / 61
p0 −5.466 ± 0.303
pull
Entries 62
Mean −1.662e+04
Std Dev 1.665e+04
pull1D
Entries 62
Mean 0.0008851
Std Dev 1.197

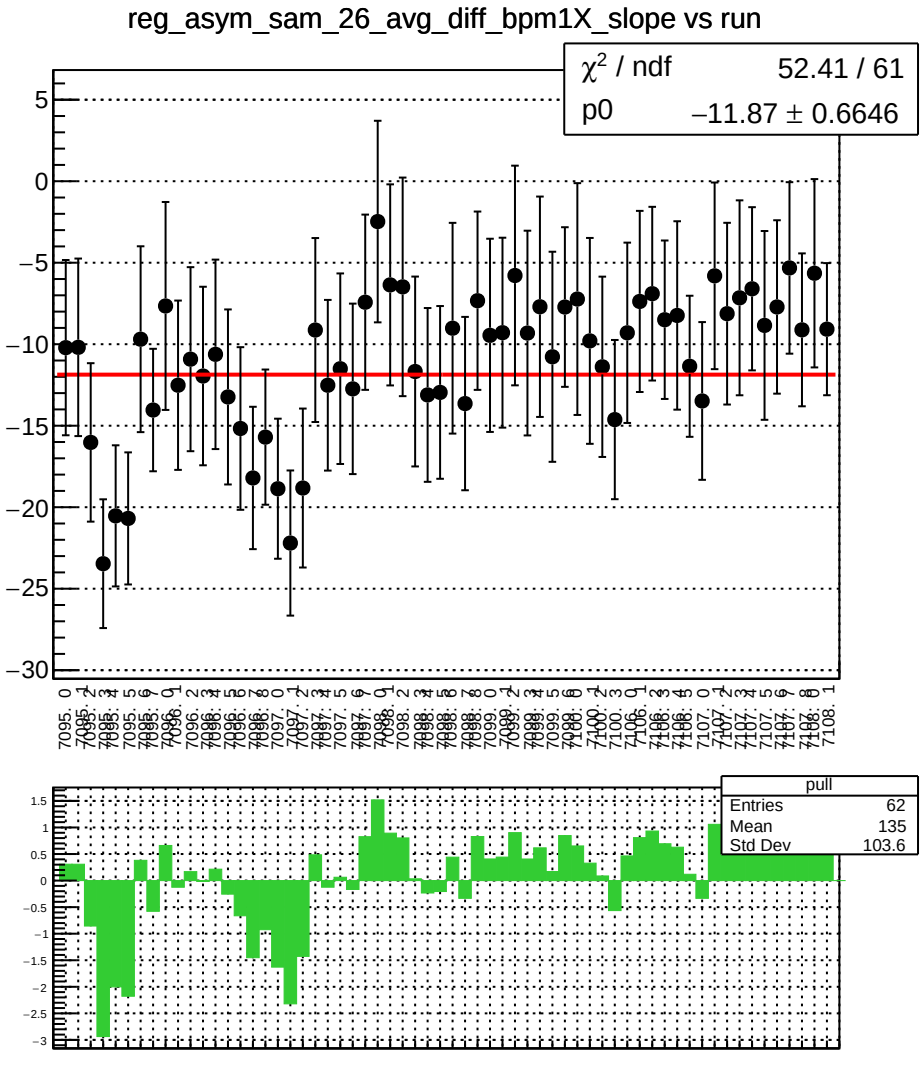

reg_asym_sam_37_dd_diff_bpm4eX_slope vs run
χ² / ndf 172.5 / 61
p0 −10.41 ± 0.3595
pull
Entries 62
Mean 280.3
Std Dev 248.7
pull1D
Entries 62
Mean −0.08577
Std Dev 1.666

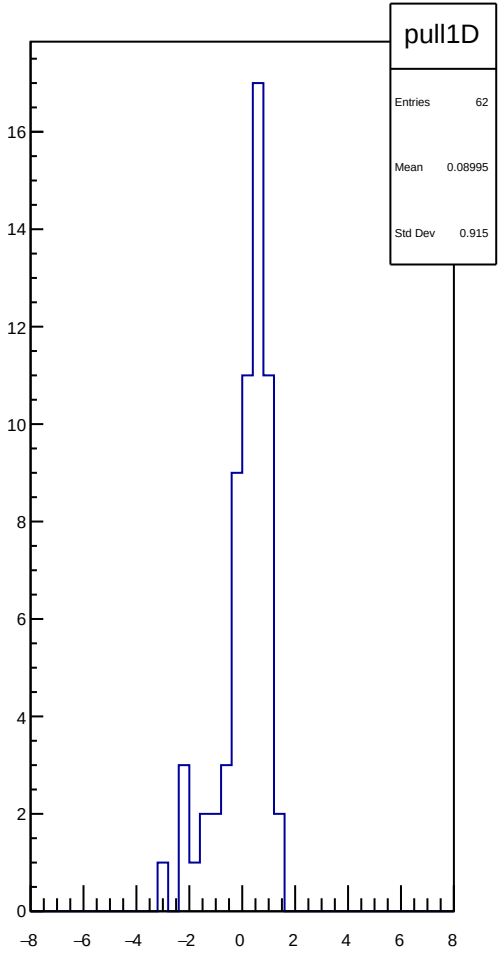

reg_asym_sam_37_dd_diff_bpm4eY_slope vs run
χ² / ndf 85.55 / 61
p0 20.24 ± 0.3243
pull
Entries 62
Mean 788.9
Std Dev 756.6

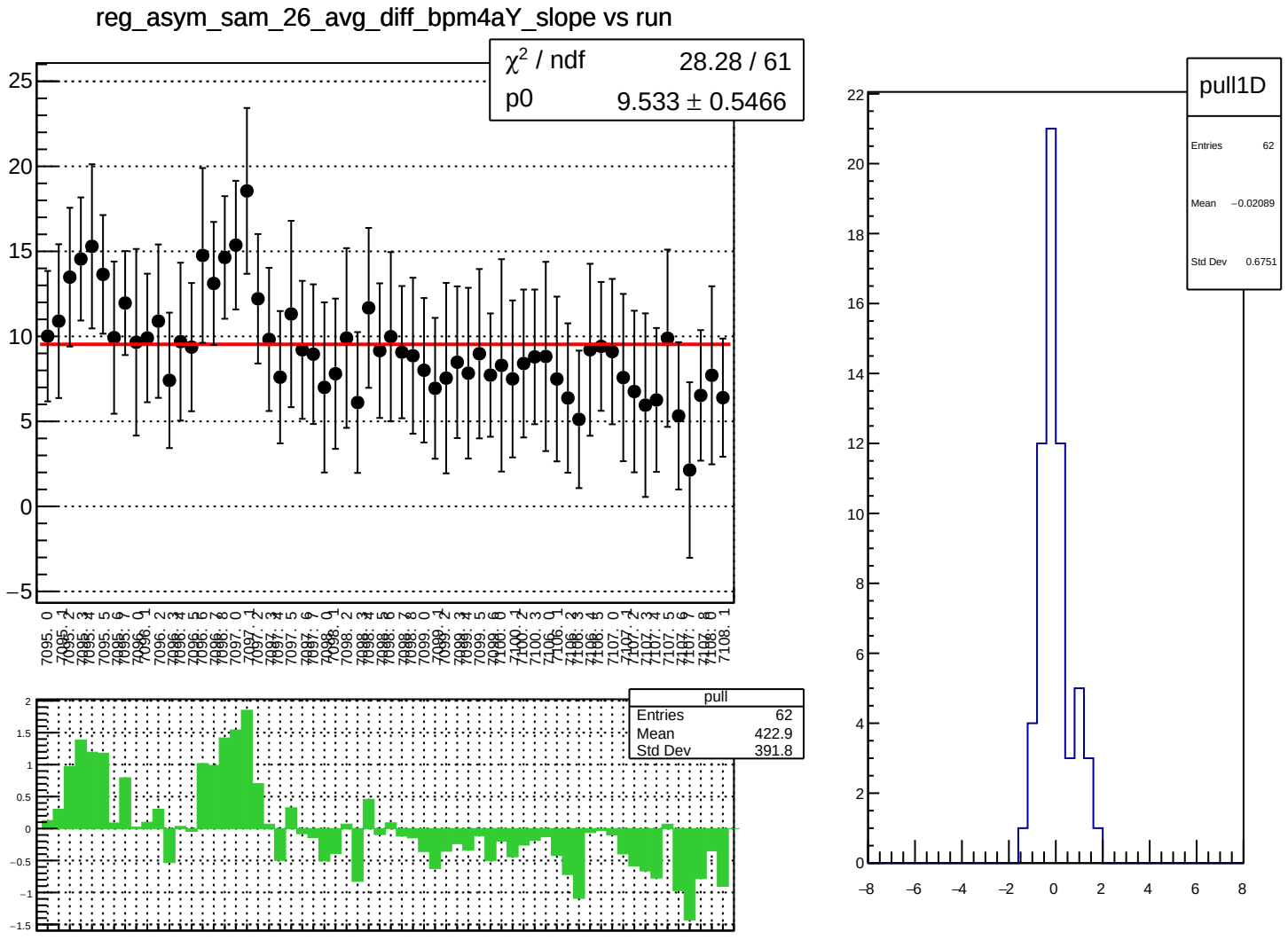

pull1D
Entries 62
Mean 0.01927
Std Dev 1.175

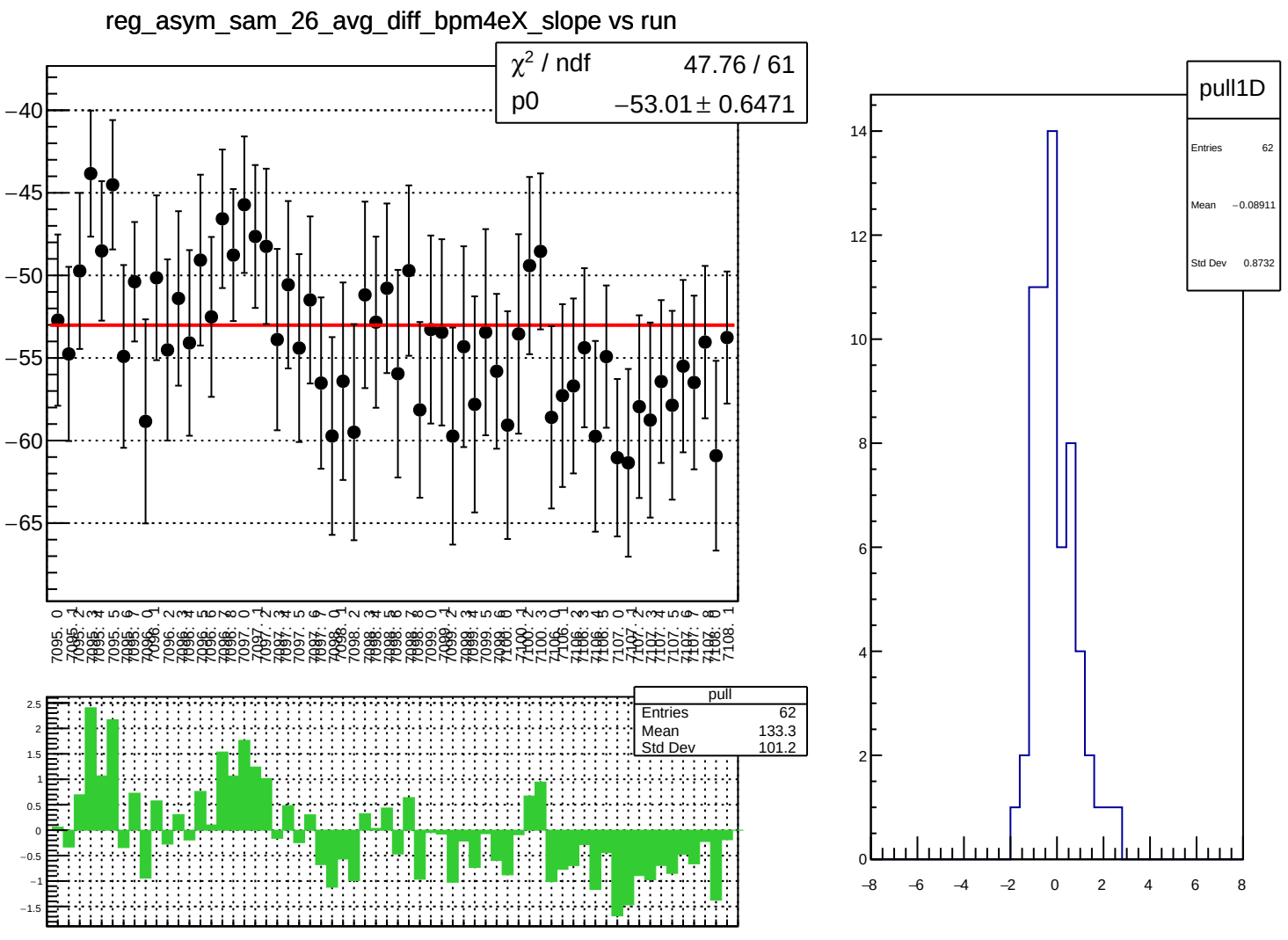

reg_asym_sam_37_dd_diff_bpm12X_slope vs run
χ² / ndf 9.564 / 61
p0 −0.1111± 0.01498
pull
Entries 62
Mean −334.4
Std Dev 369.7

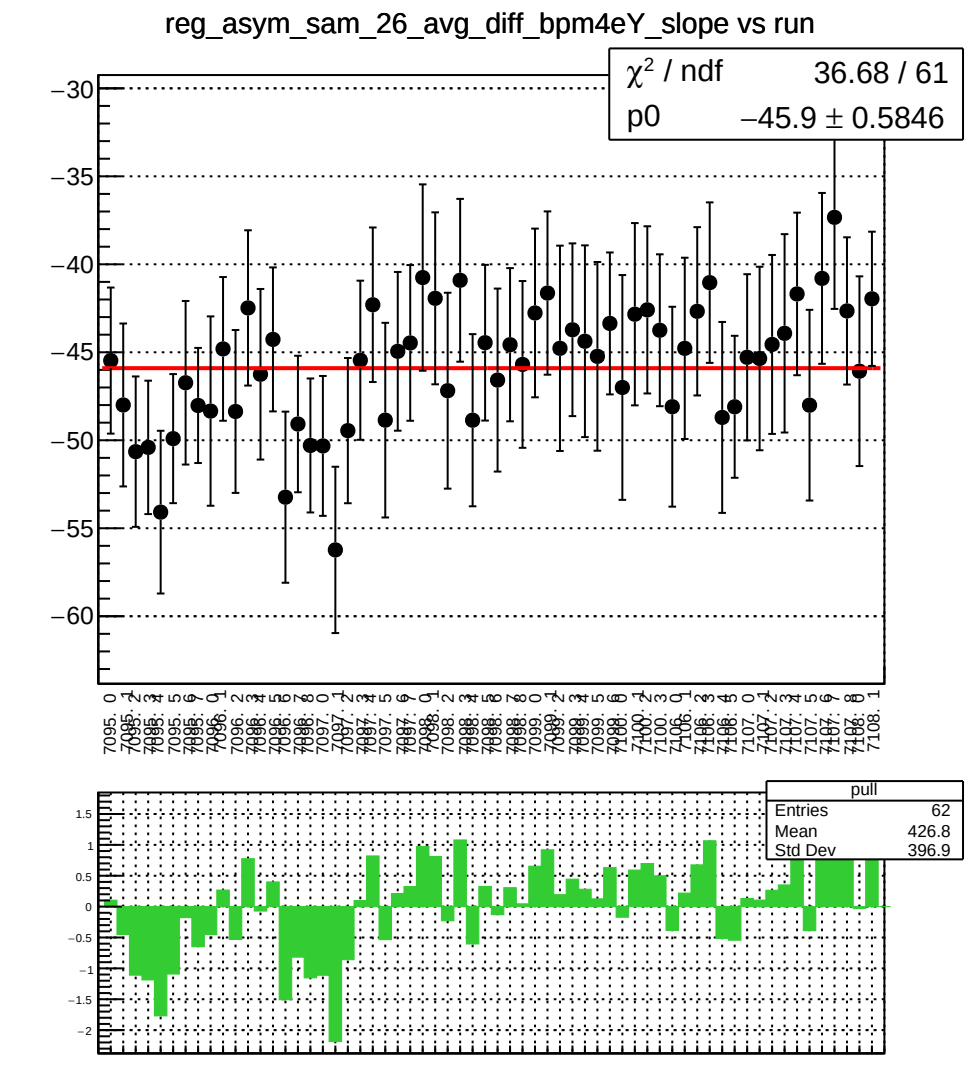

pull1D
Entries 62
Mean −0.009225
Std Dev 0.3926

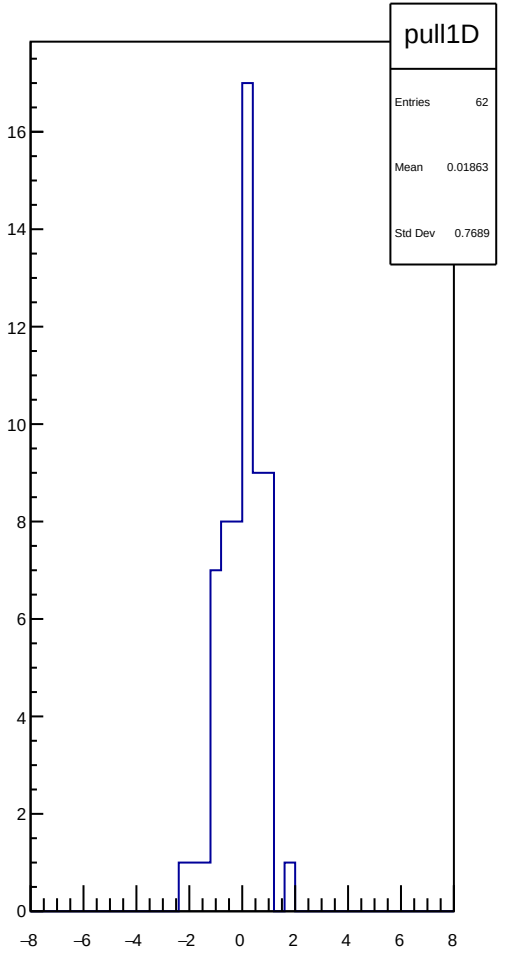

reg_asym_sam_26_avg_diff_bpm1X_slope vs run
χ² / ndf 52.41 / 61
p0 −11.87 ± 0.6646
pull
Entries 62
Mean 135
Std Dev 103.6

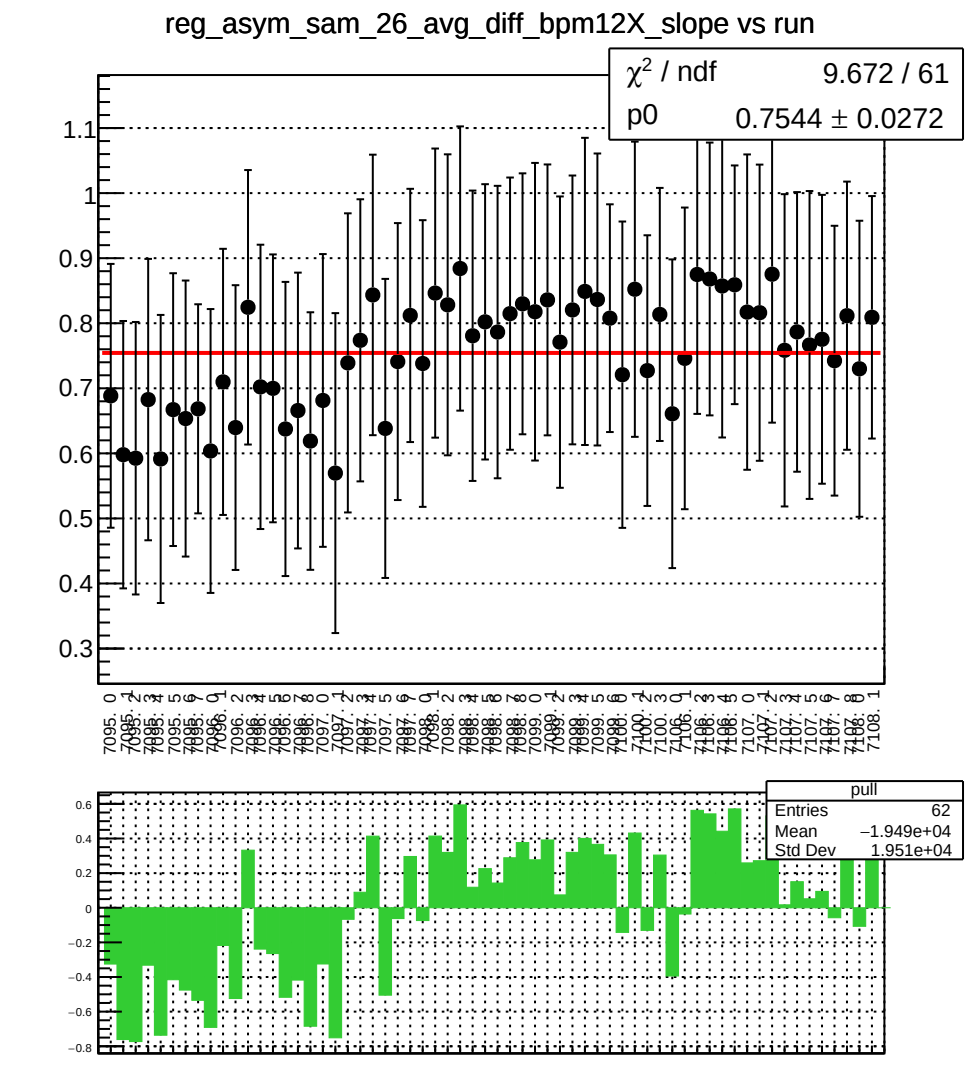

pull1D
Entries 62
Mean 0.08995
Std Dev 0.915

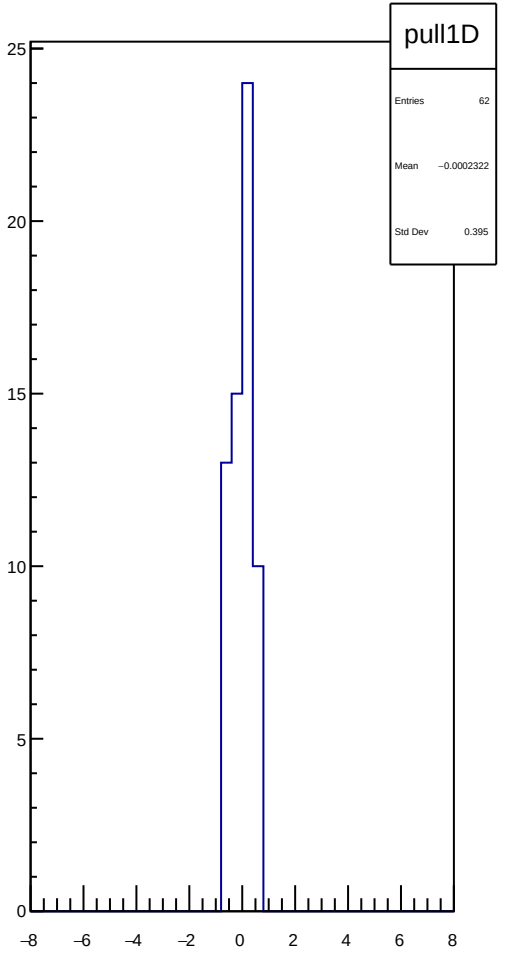

reg_asym_sam_26_avg_diff_bpm4aY_slope vs run
χ² / ndf 28.28 / 61
p0 9.533 ± 0.5466
pull
Entries 62
Mean 422.9
Std Dev 391.8
pull1D
Entries 62
Mean −0.02089
Std Dev 0.6751

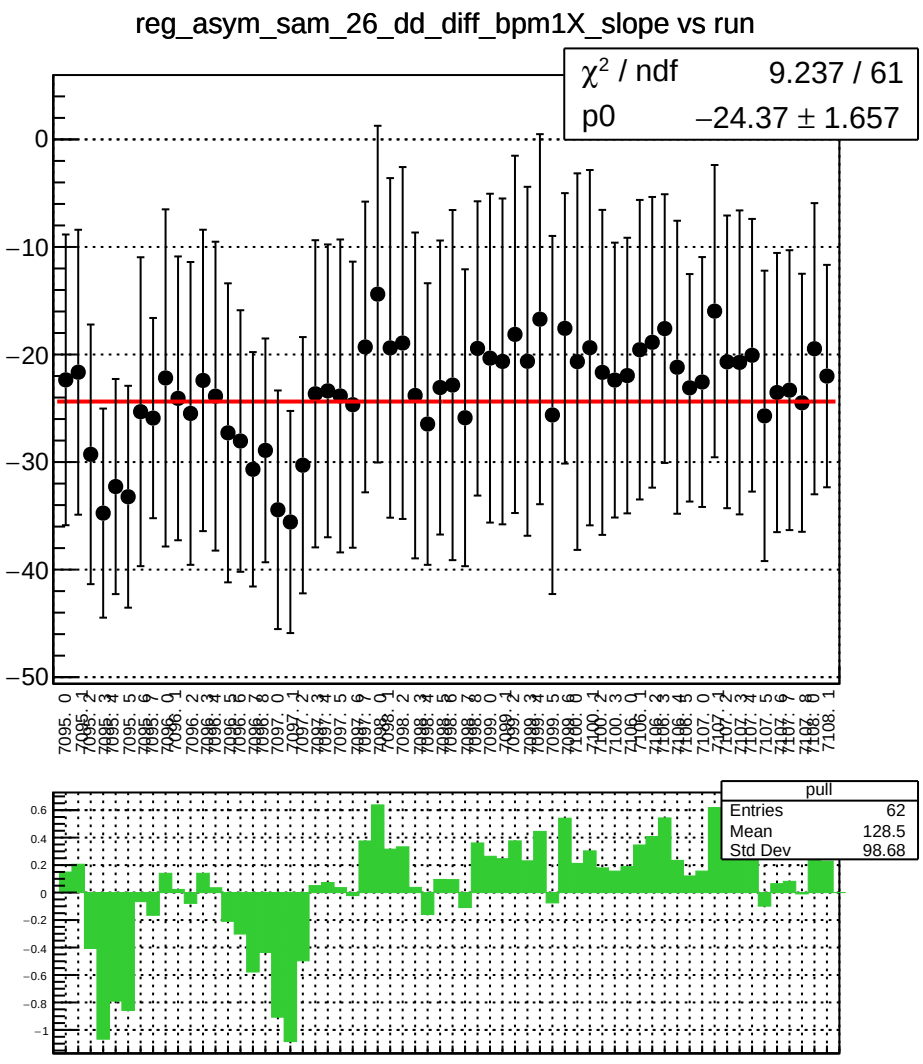

reg_asym_sam_26_avg_diff_bpm4eX_slope vs run
χ² / ndf 47.76 / 61
p0 −53.01 ± 0.6471
pull
Entries 62
Mean 133.3
Std Dev 101.2
pull1D
Entries 62
Mean −0.08911
Std Dev 0.8732

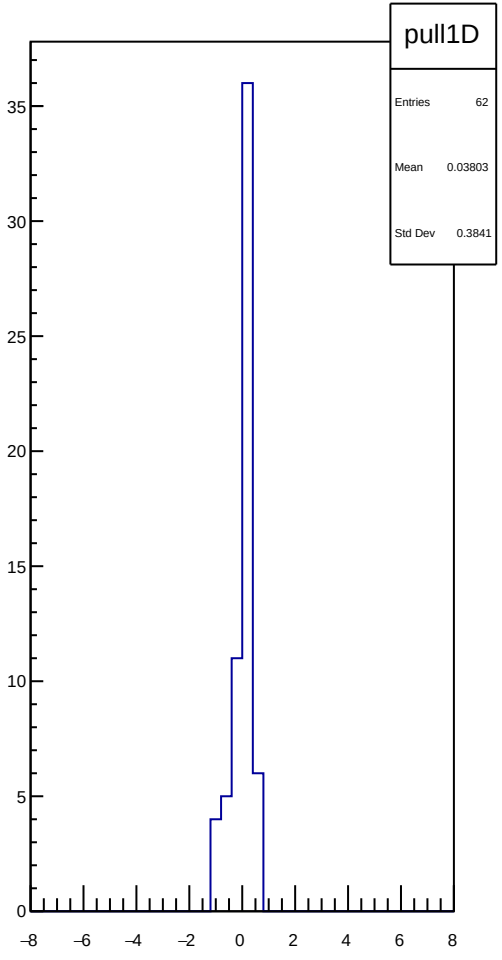

reg_asym_sam_26_avg_diff_bpm4eY_slope vs run
χ² / ndf 36.68 / 61
p0 −45.9 ± 0.5846
pull
Entries 62
Mean 426.8
Std Dev 396.9

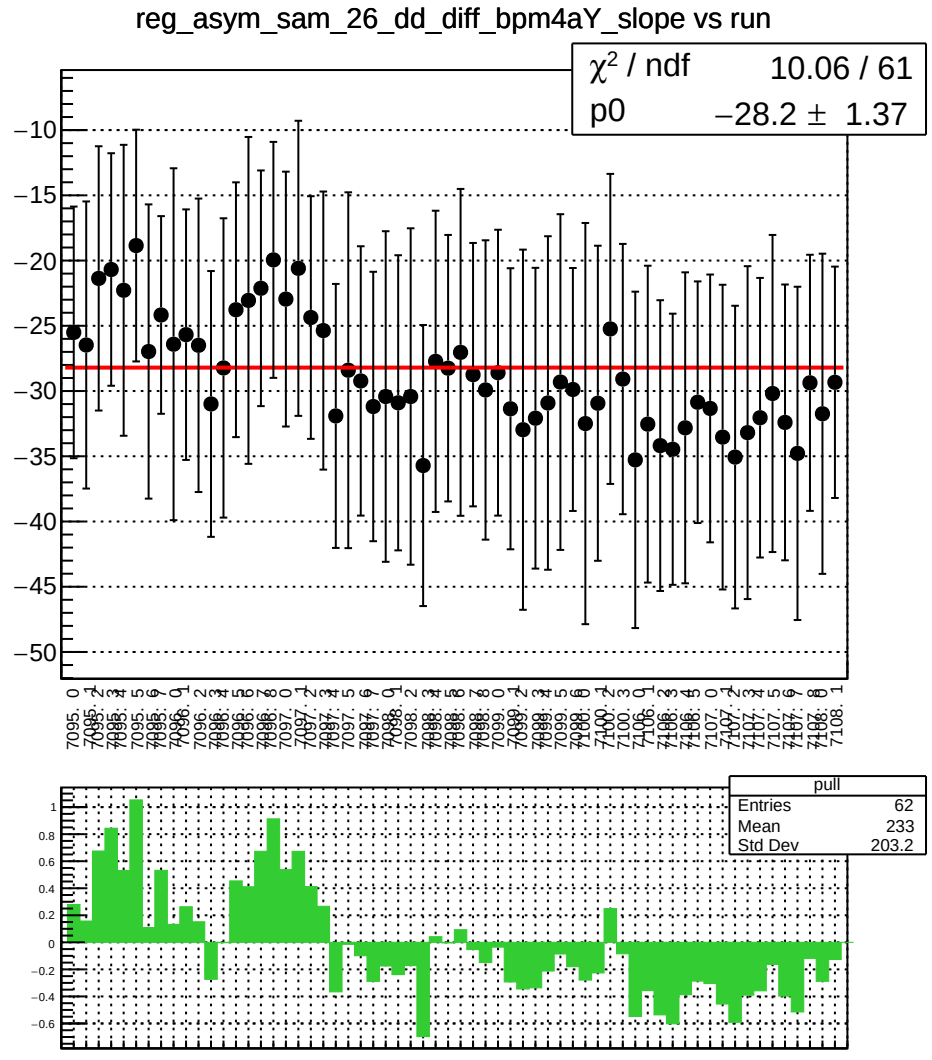

pull1D
Entries 62
Mean 0.01863
Std Dev 0.7689

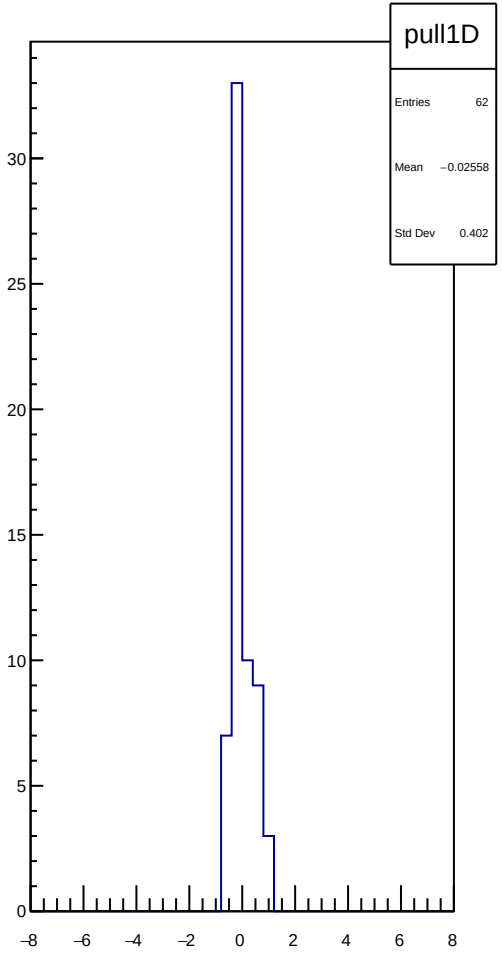

reg_asym_sam_26_avg_diff_bpm12X_slope vs run
χ² / ndf 9.672 / 61
p0 0.7544 ± 0.0272
pull
Entries 62
Mean −1.949e+04
Std Dev 1.951e+04

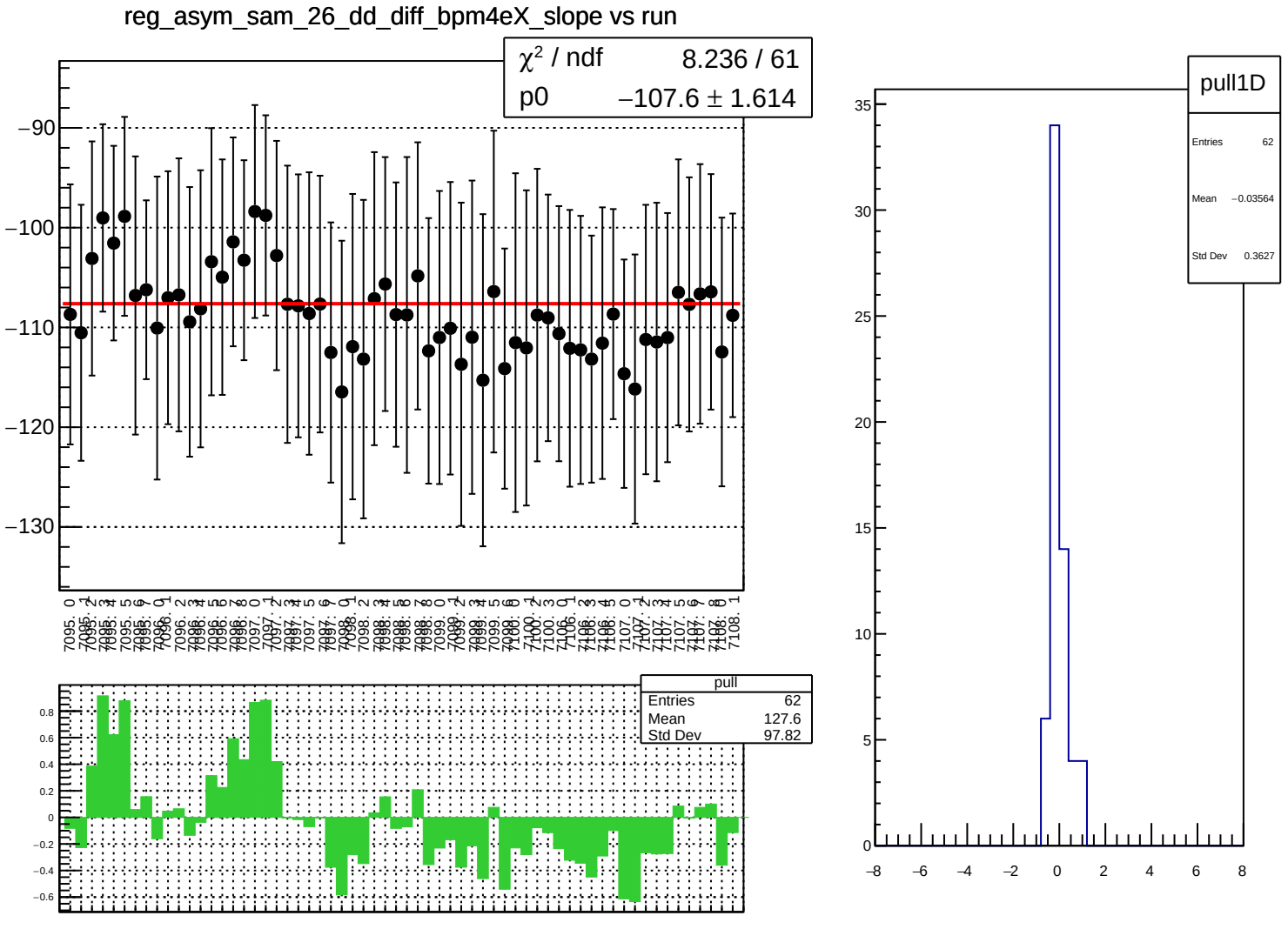

pull1D
Entries 62
Mean −0.0002322
Std Dev 0.395

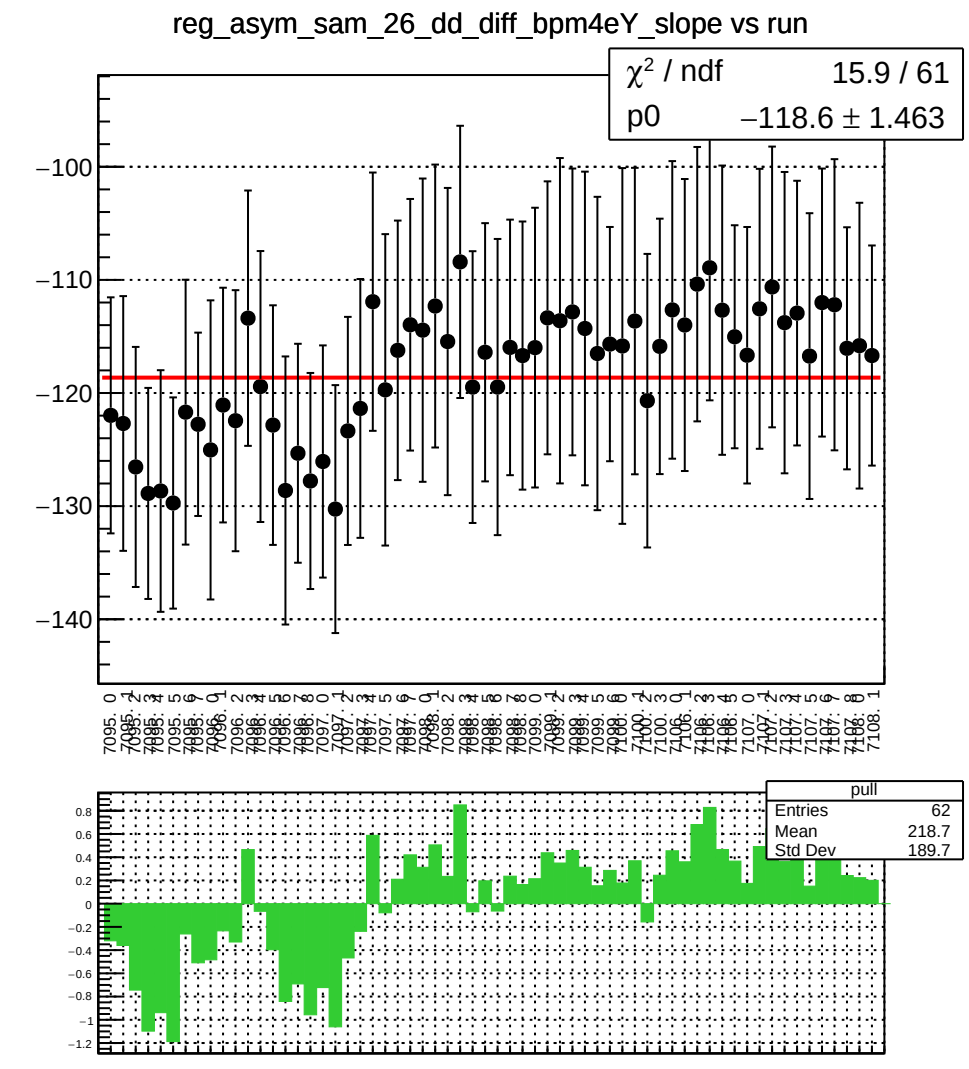

reg_asym_sam_26_dd_diff_bpm1X_slope vs run
χ² / ndf 9.237 / 61
p0 −24.37 ± 1.657
pull
Entries 62
Mean 128.5
Std Dev 98.68

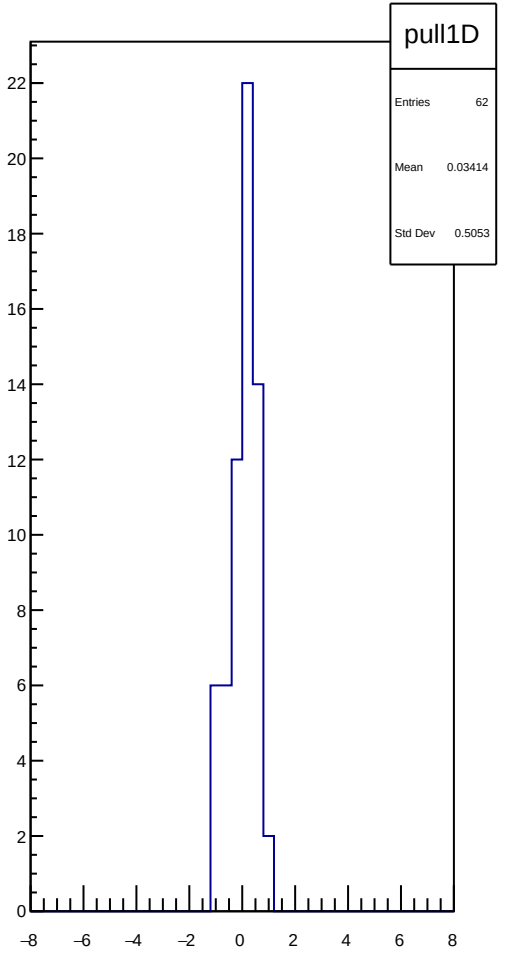

pull1D
Entries 62
Mean 0.03803
Std Dev 0.3841

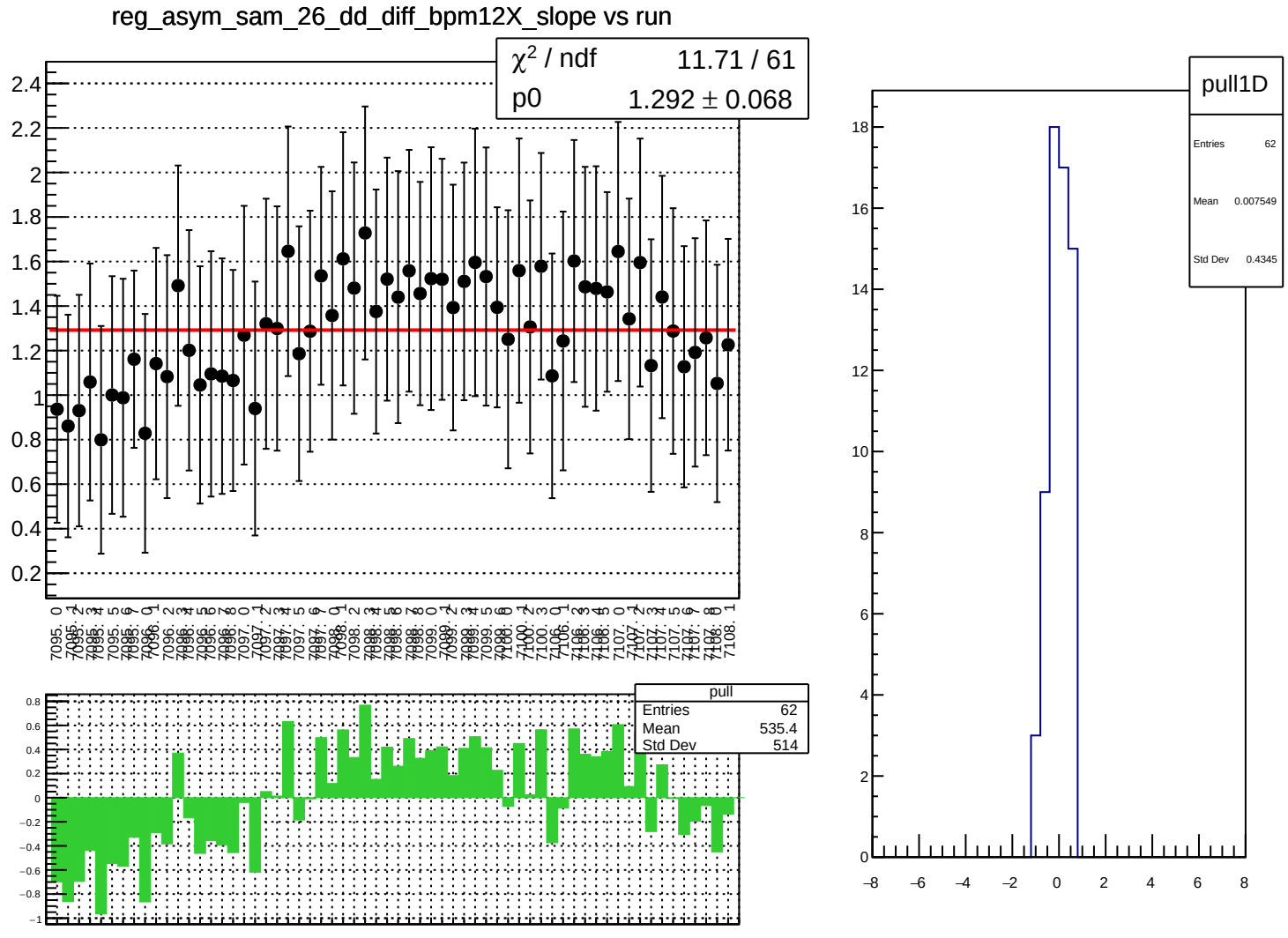

reg_asym_sam_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 10.06 / 61
p0 −28.2 ± 1.37
pull
Entries 62
Mean 233
Std Dev 203.2

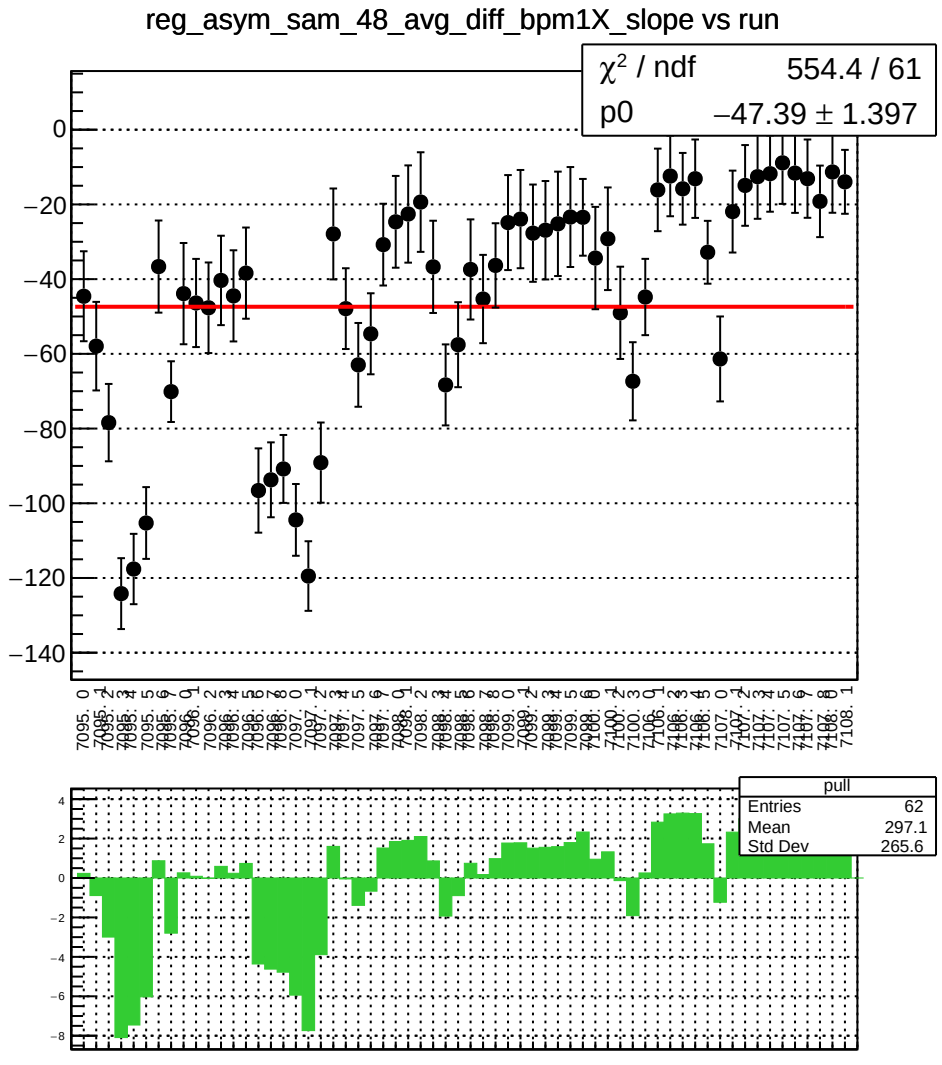

pull1D
Entries 62
Mean −0.02558
Std Dev 0.402

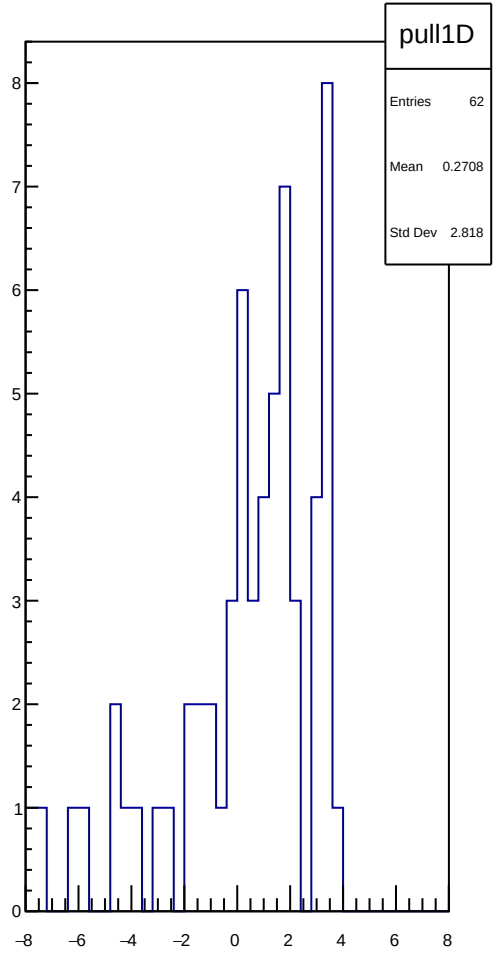

reg_asym_sam_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 8.236 / 61
p0 −107.6 ± 1.614
−90
−100
−110
−120
−130
pull
Entries 62
Mean 127.6
Std Dev 97.82
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
pull1D
Entries 62
Mean −0.03564
Std Dev 0.3627
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

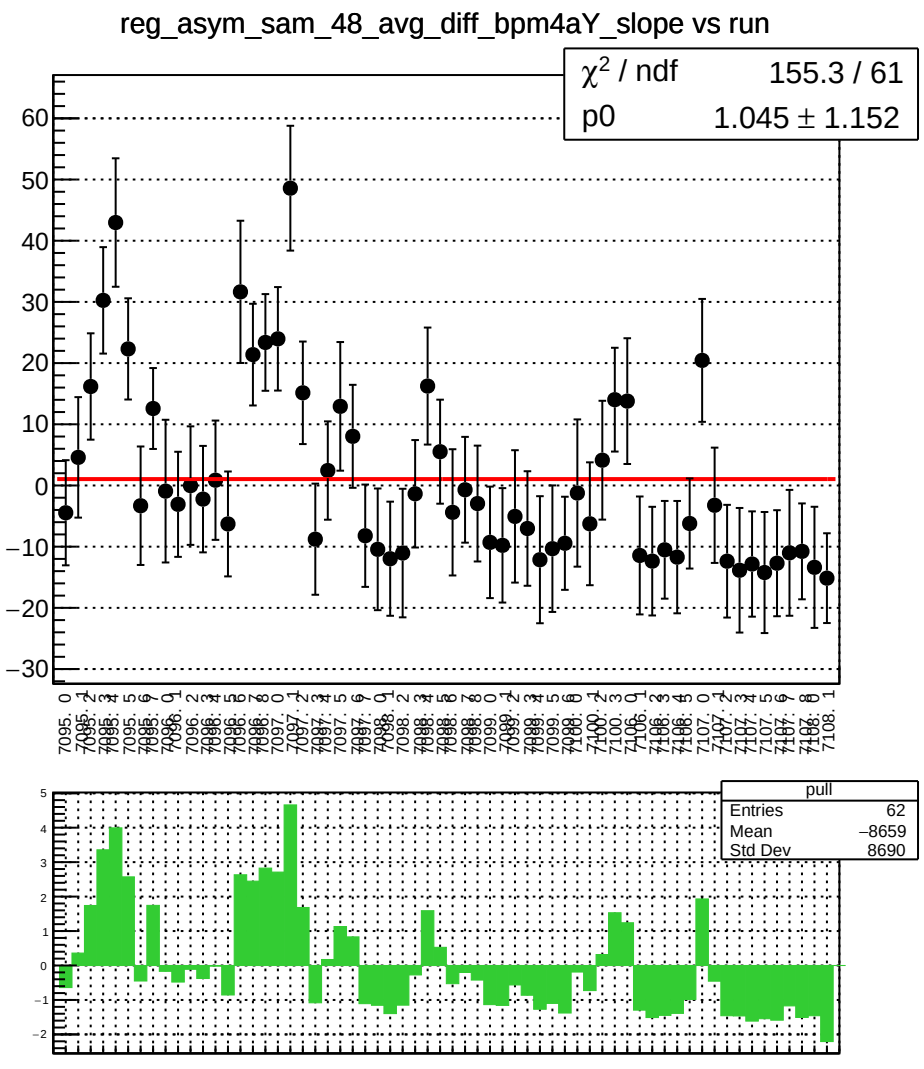

reg_asym_sam_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 15.9 / 61
p0 −118.6 ± 1.463
pull
Entries 62
Mean 218.7
Std Dev 189.7

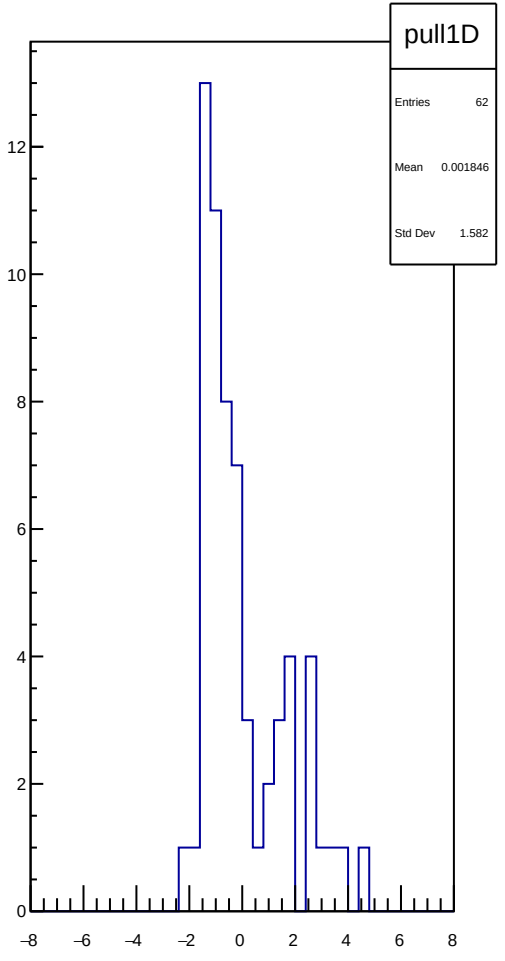

pull1D
Entries 62
Mean 0.03414
Std Dev 0.5053

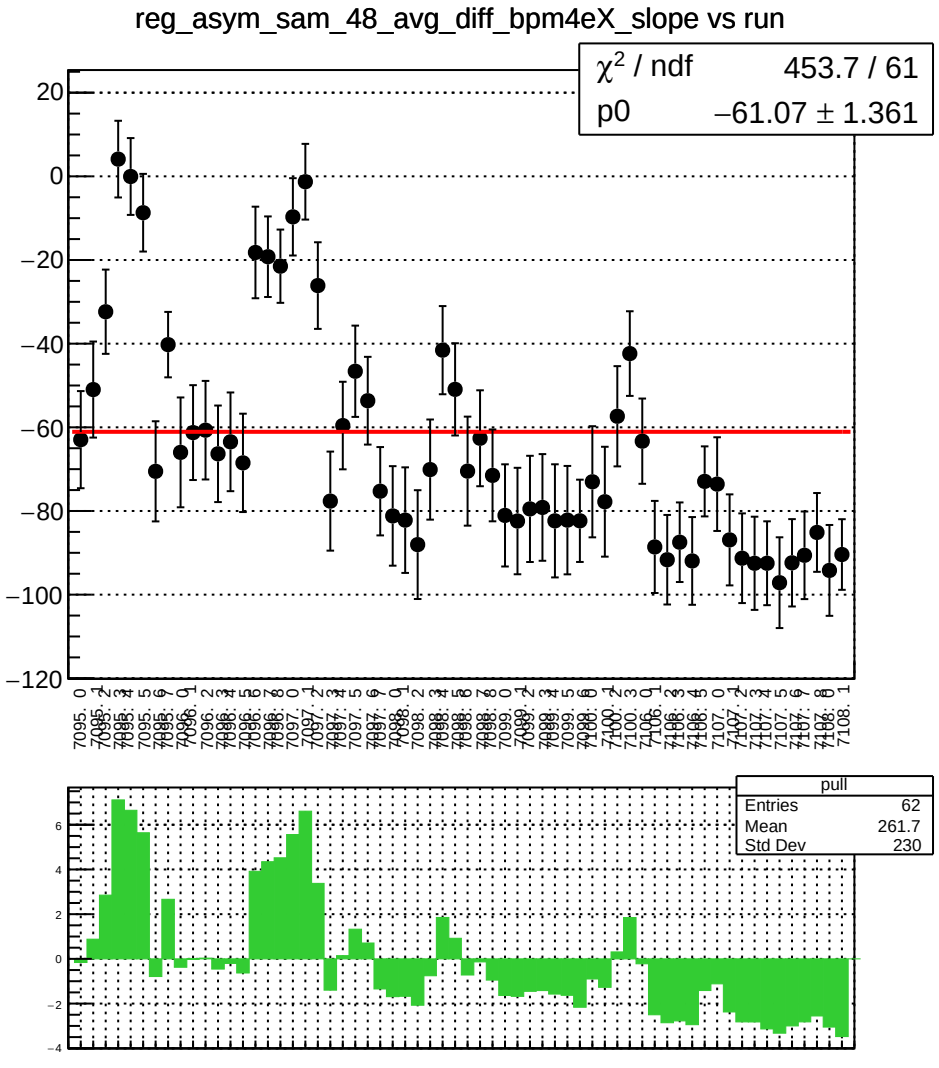

reg_asym_sam_26_dd_diff_bpm12X_slope vs run
χ² / ndf 11.71 / 61
p0 1.292 ± 0.068
pull
Entries 62
Mean 535.4
Std Dev 514
pull1D
Entries 62
Mean 0.007549
Std Dev 0.4345

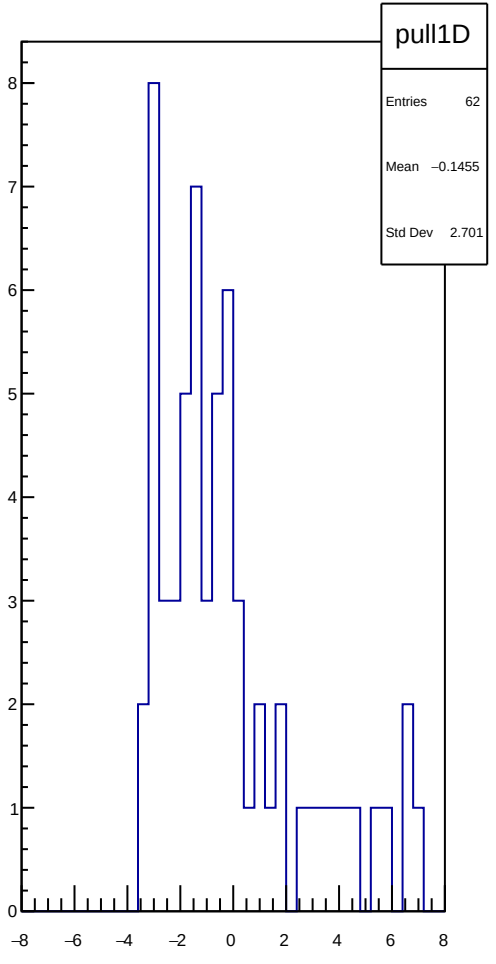

reg_asym_sam_48_avg_diff_bpm1X_slope vs run
χ² / ndf 554.4 / 61
p0 −47.39 ± 1.397
pull
Entries 62
Mean 297.1
Std Dev 265.6

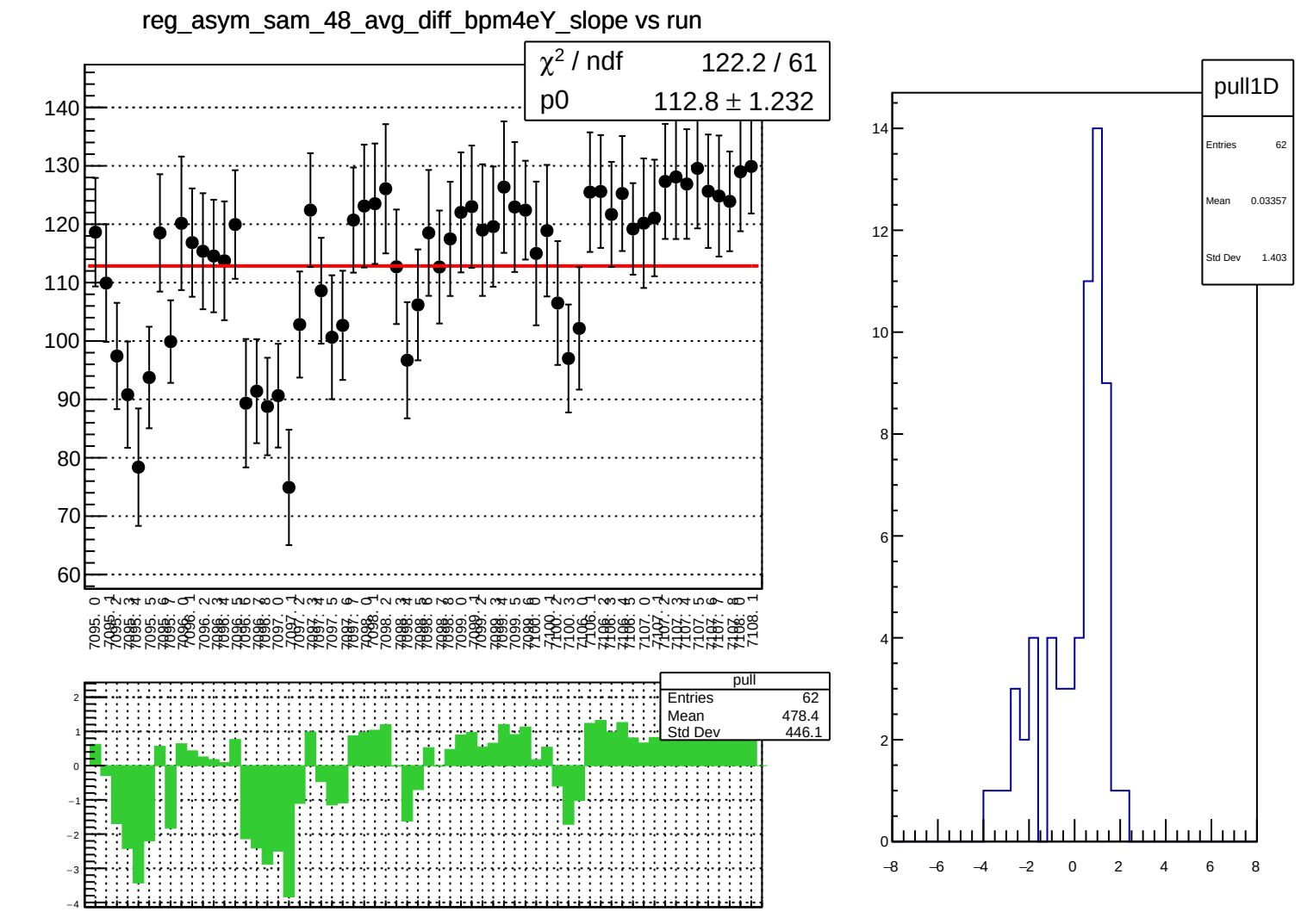

pull1D
Entries 62
Mean 0.2708
Std Dev 2.818

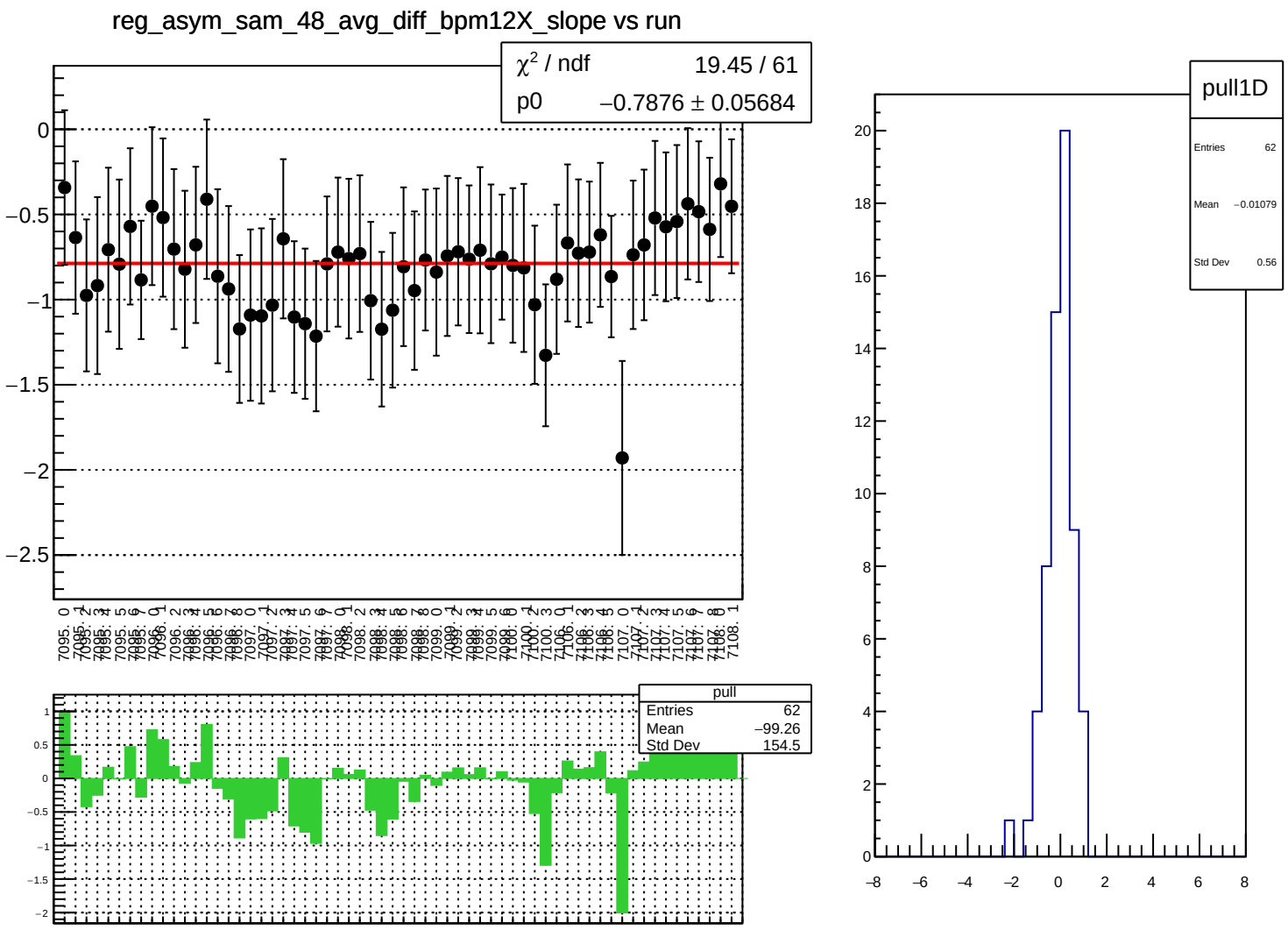

reg_asym_sam_48_avg_diff_bpm4aY_slope vs run
χ² / ndf 155.3 / 61
p0 1.045 ± 1.152
pull
Entries 62
Mean −8659
Std Dev 8690

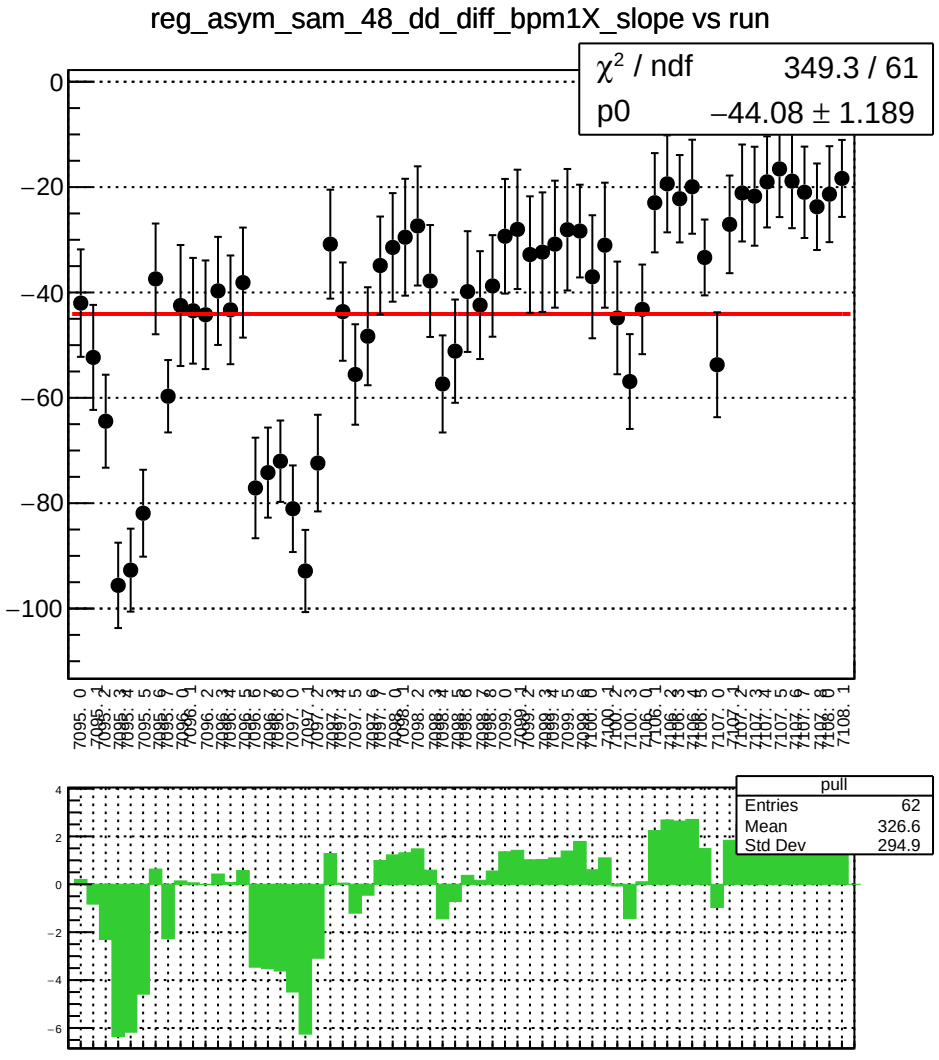

pull1D
Entries 62
Mean 0.001846
Std Dev 1.582

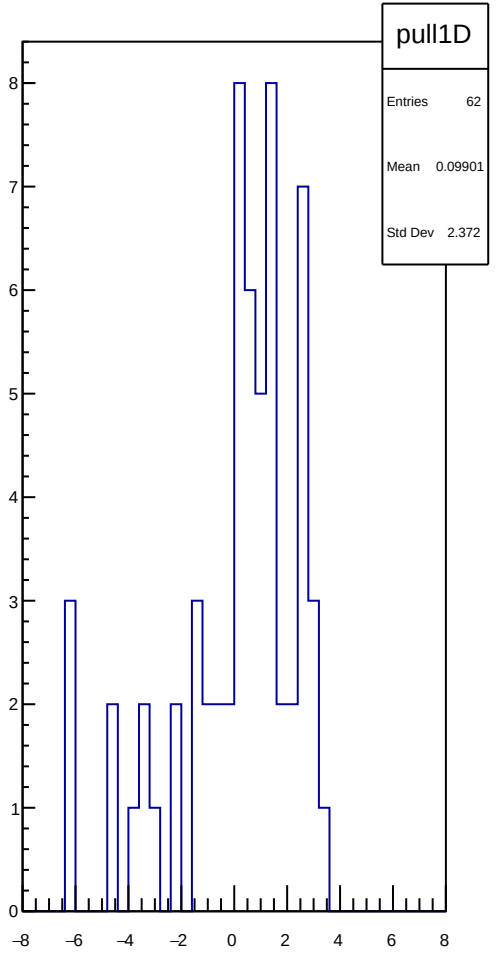

reg_asym_sam_48_avg_diff_bpm4eX_slope vs run
χ² / ndf 453.7 / 61
p0 −61.07 ± 1.361
pull
Entries 62
Mean 261.7
Std Dev 230

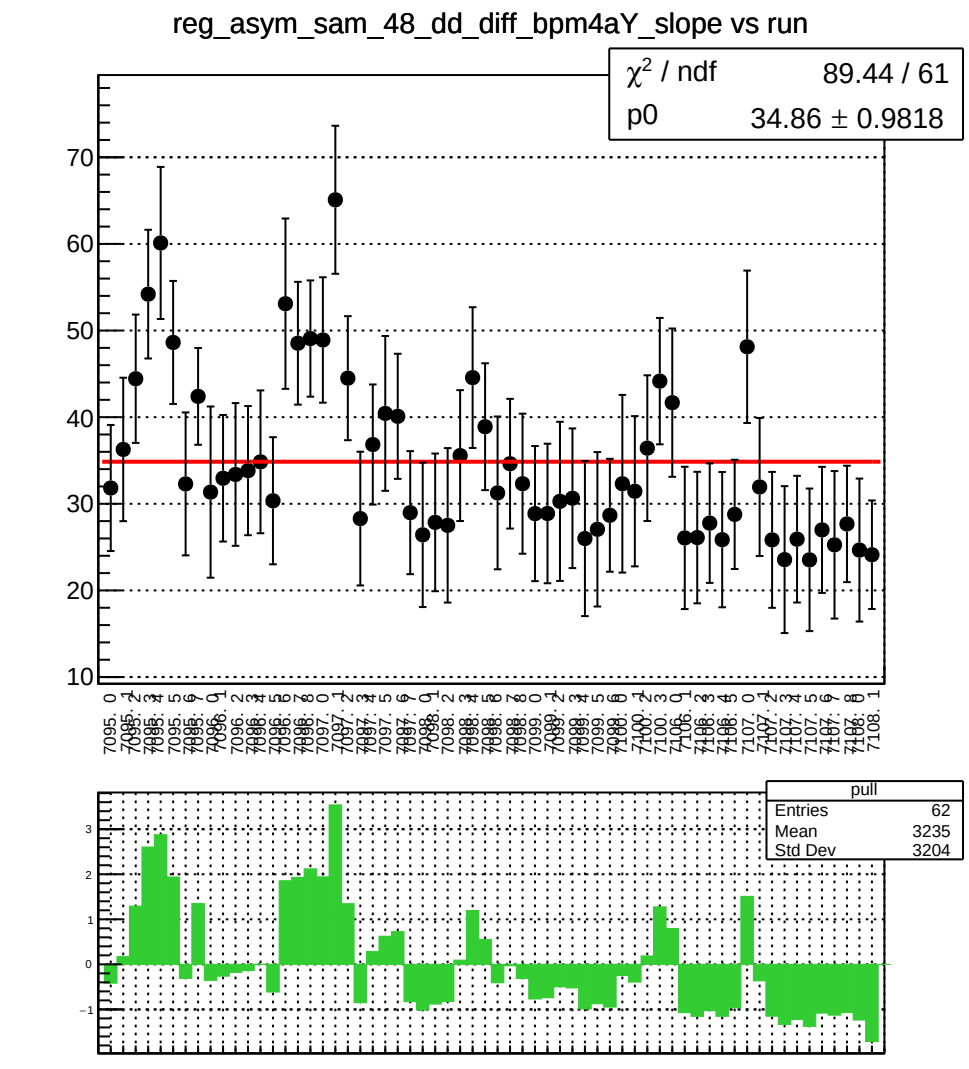

pull1D
Entries 62
Mean −0.1455
Std Dev 2.701

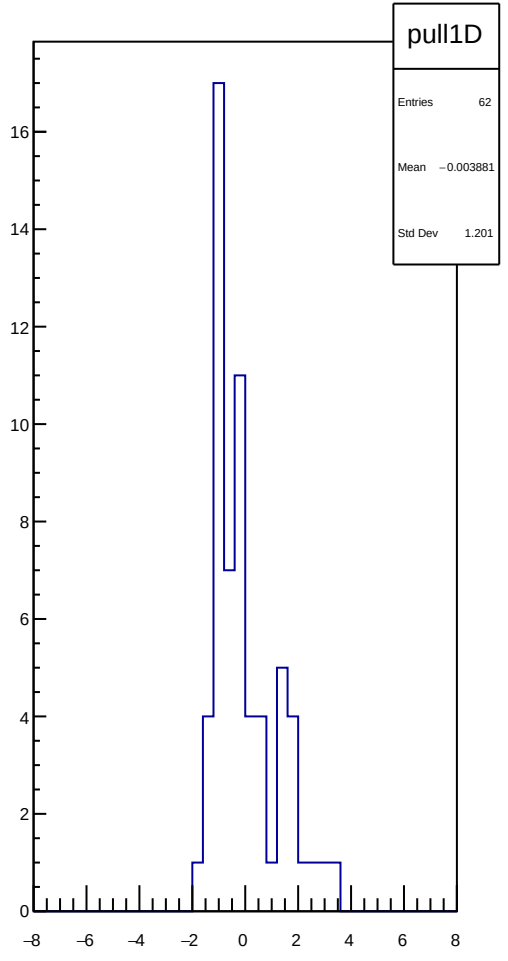

reg_asym_sam_48_avg_diff_bpm4eY_slope vs run
χ² / ndf 122.2 / 61
p0 112.8 ± 1.232
pull
Entries 62
Mean 478.4
Std Dev 446.1
pull1D
Entries 62
Mean 0.03357
Std Dev 1.403

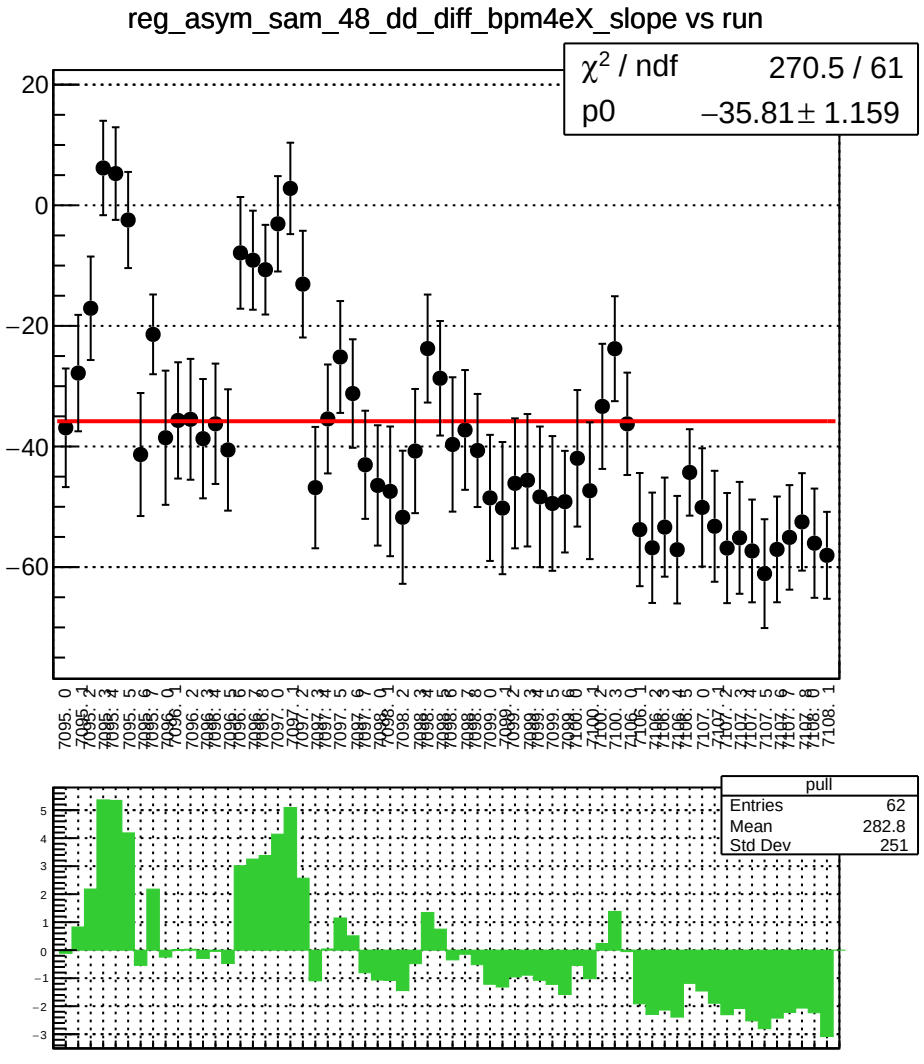

reg_asym_sam_48_avg_diff_bpm12X_slope vs run
χ² / ndf 19.45 / 61
p0 −0.7876 ± 0.05684
pull
Entries 62
Mean −99.26
Std Dev 154.5
pull1D
Entries 62
Mean −0.01079
Std Dev 0.56

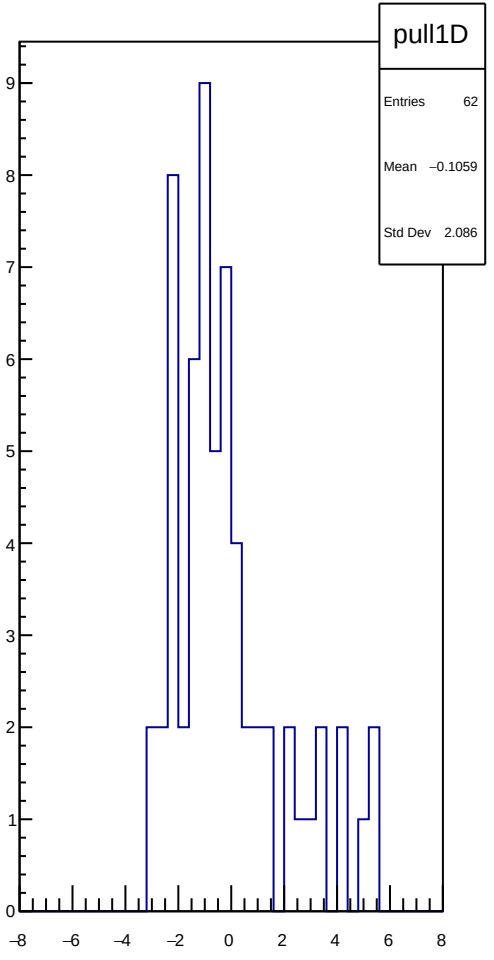

reg_asym_sam_48_dd_diff_bpm1X_slope vs run
χ² / ndf 349.3 / 61
p0 −44.08 ± 1.189
pull
Entries 62
Mean 326.6
Std Dev 294.9

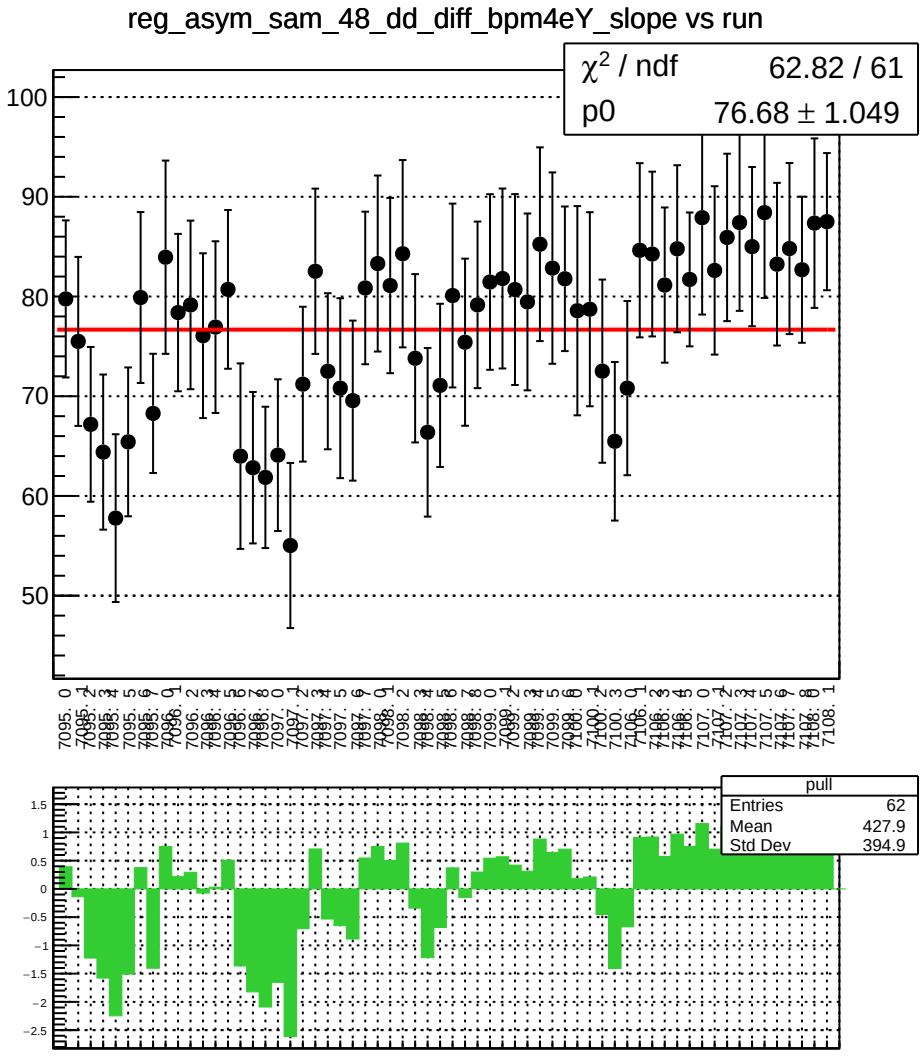

pull1D
Entries 62
Mean 0.09901
Std Dev 2.372

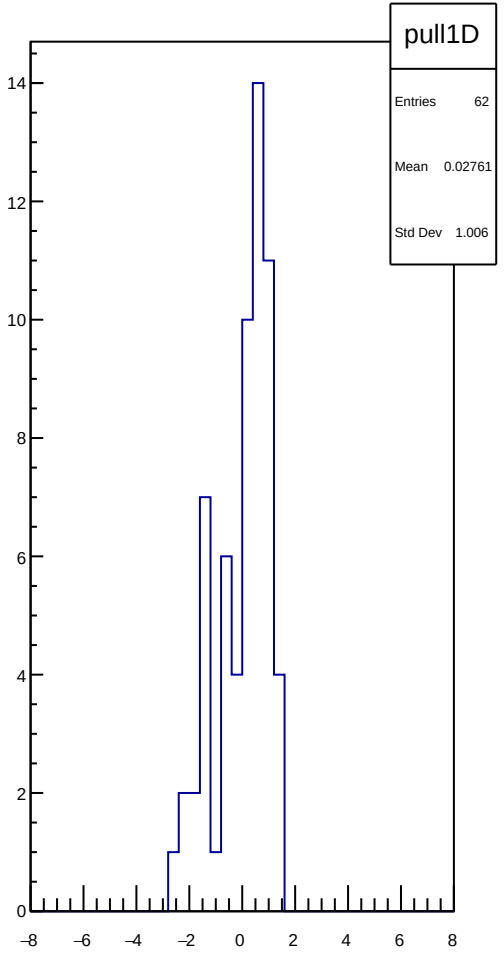

reg_asym_sam_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 89.44 / 61
p0 34.86 ± 0.9818
pull
Entries 62
Mean 3235
Std Dev 3204

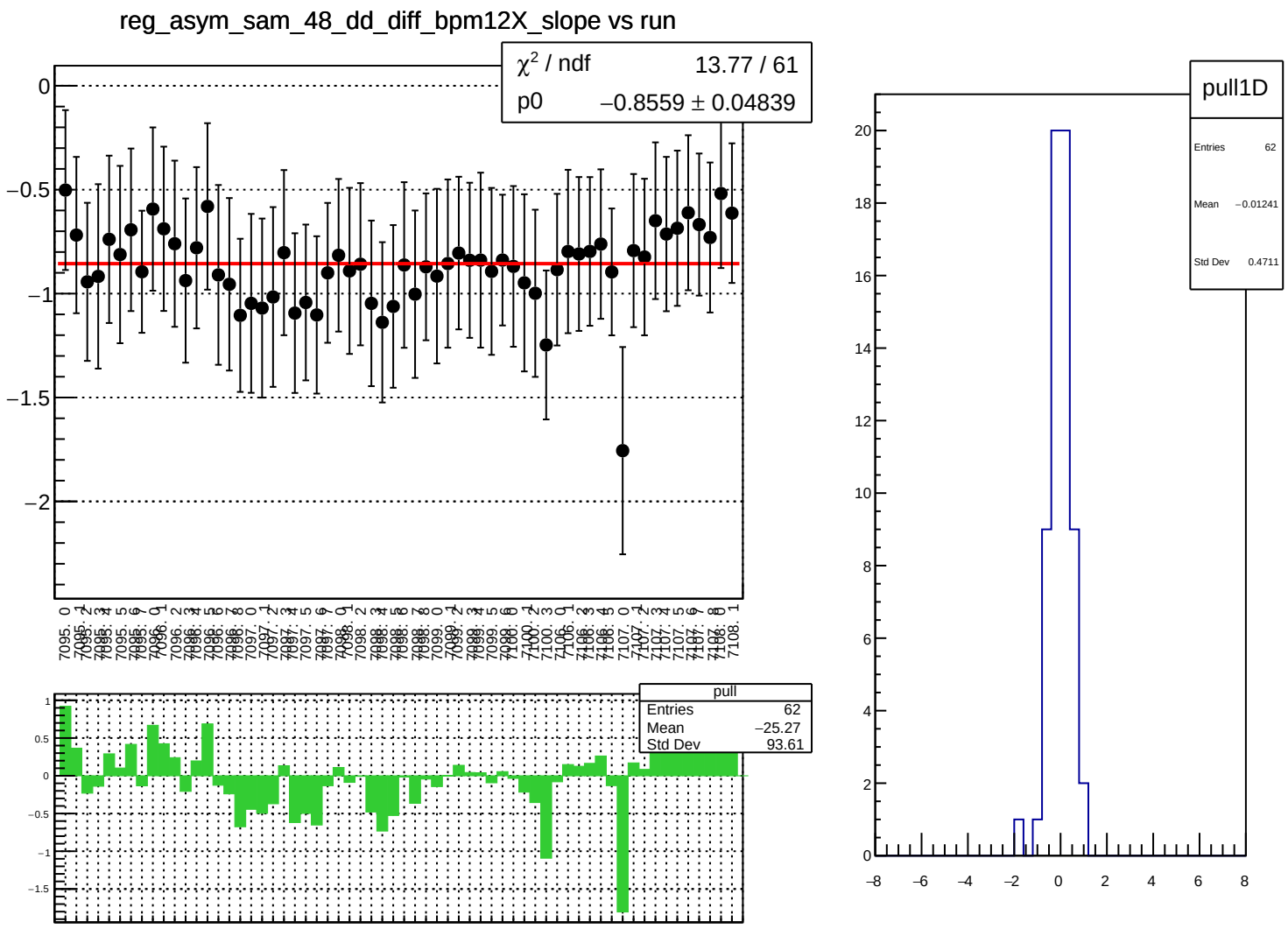

pull1D
Entries 62
Mean −0.003881
Std Dev 1.201

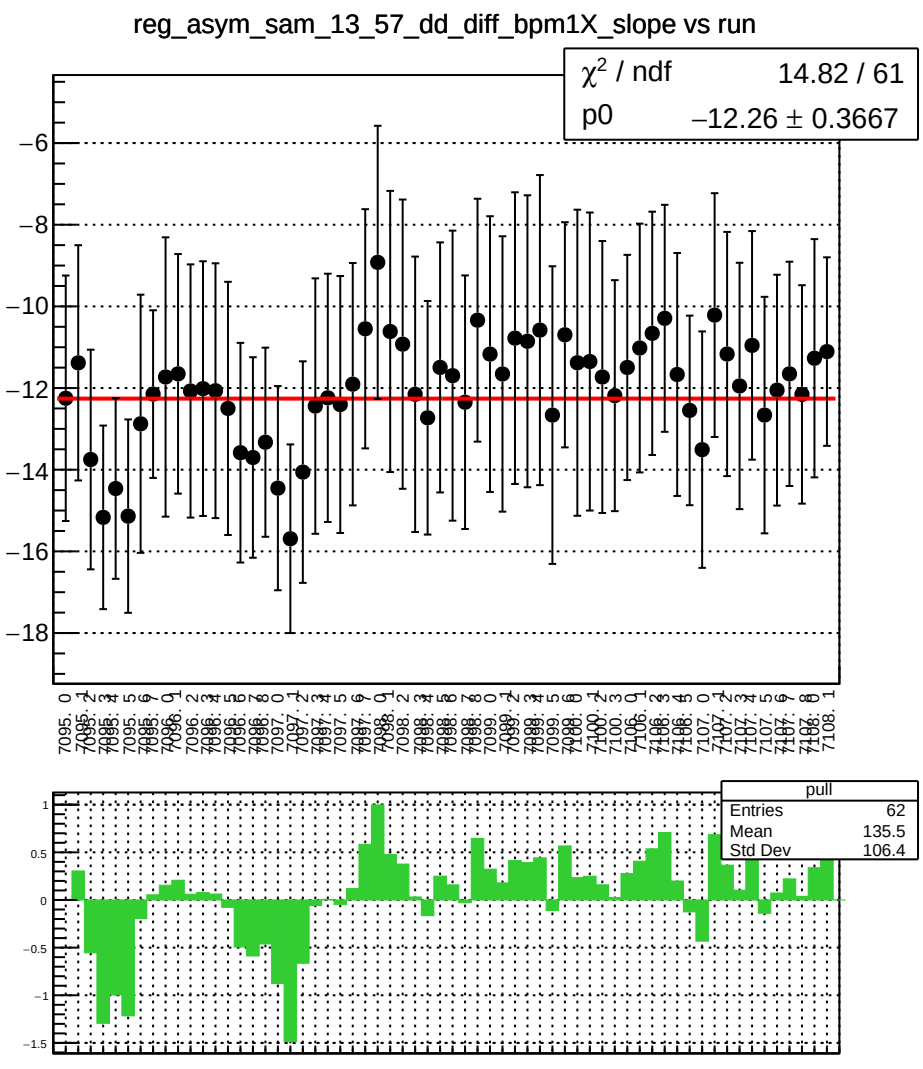

reg_asym_sam_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 270.5 / 61
p0 −35.81 ± 1.159
pull
Entries 62
Mean 282.8
Std Dev 251

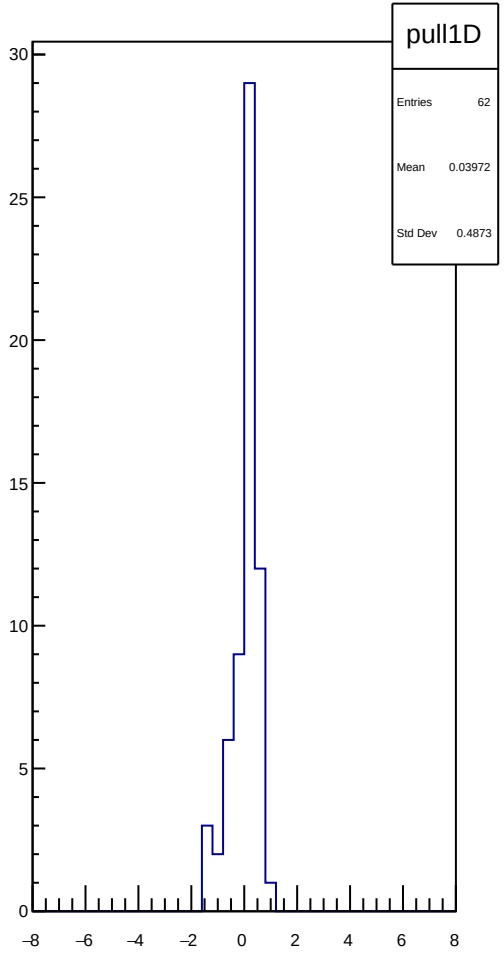

pull1D
Entries 62
Mean −0.1059
Std Dev 2.086

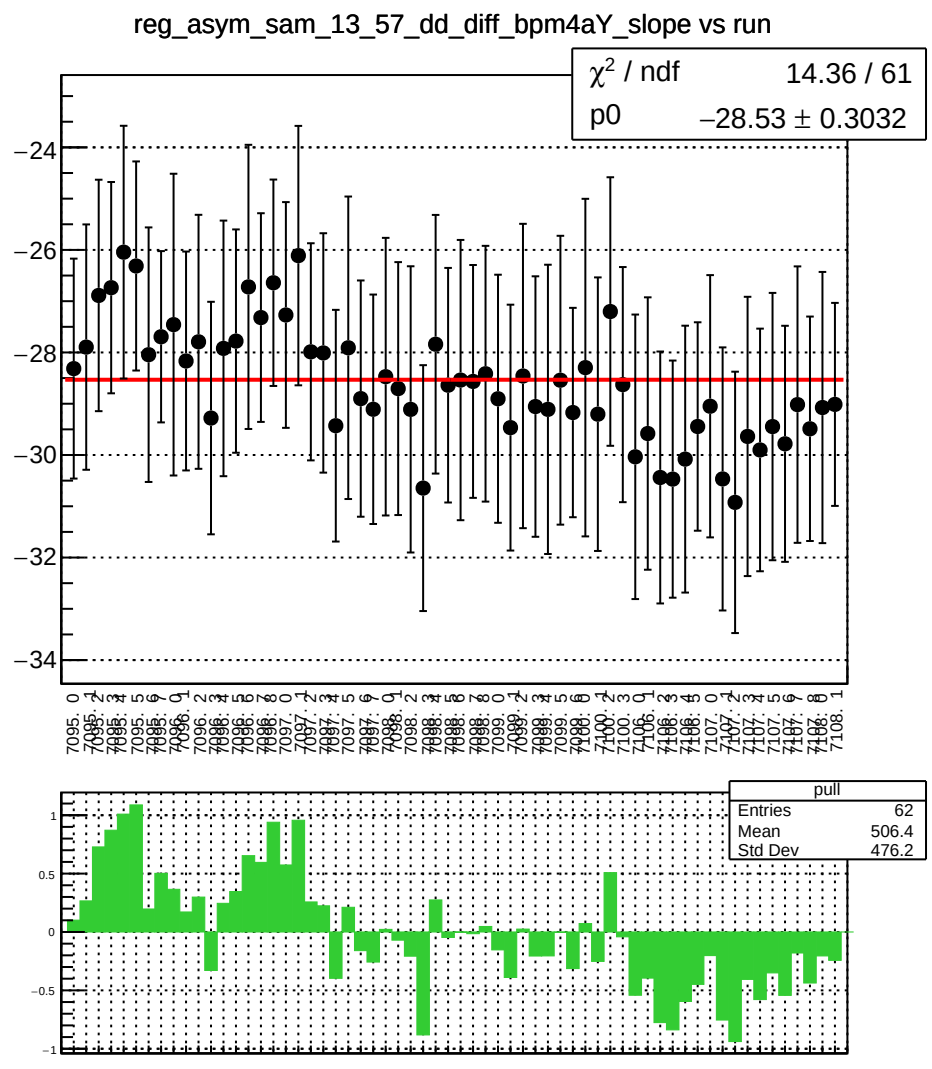

reg_asym_sam_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 62.82 / 61
p0 76.68 ± 1.049
pull
Entries 62
Mean 427.9
Std Dev 394.9

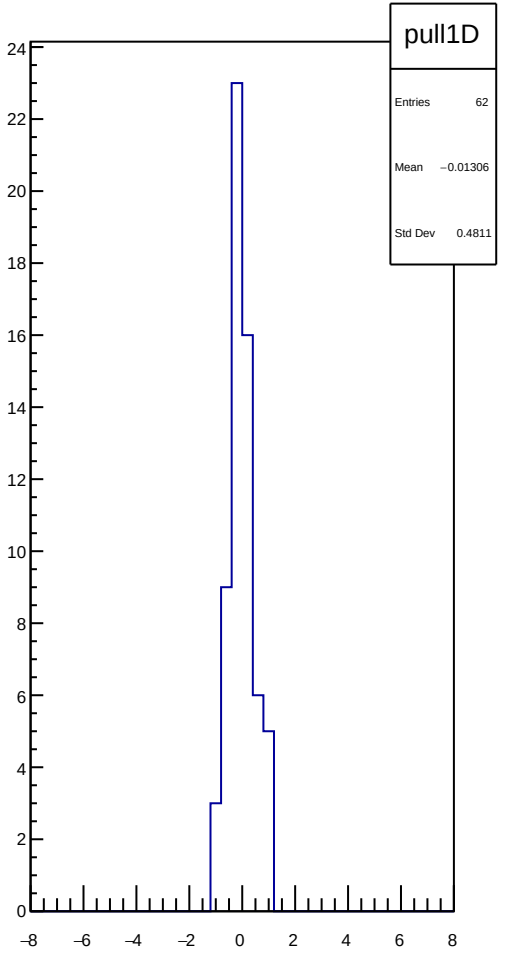

pull1D
Entries 62
Mean 0.02761
Std Dev 1.006

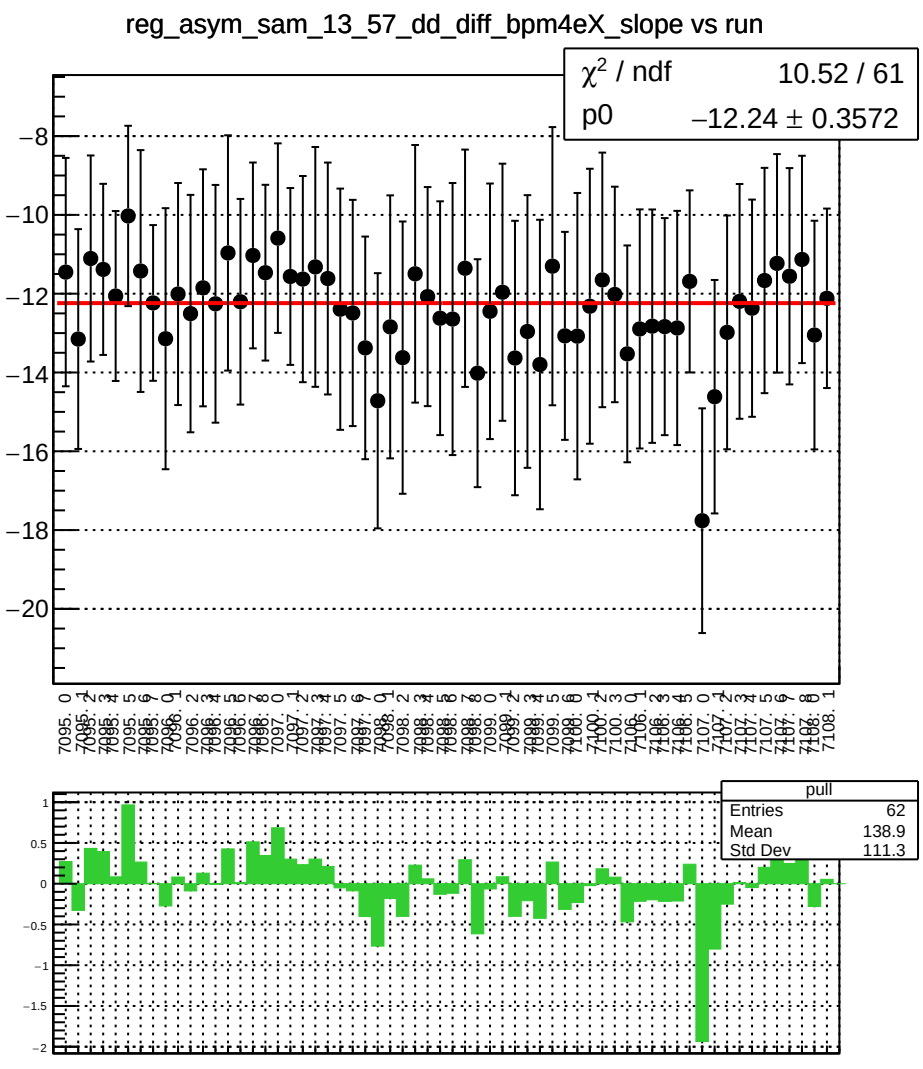

reg_asym_sam_48_dd_diff_bpm12X_slope vs run
χ² / ndf 13.77 / 61
p0 −0.8559 ± 0.04839
pull
Entries 62
Mean −25.27
Std Dev 93.61
pull1D
Entries 62
Mean −0.01241
Std Dev 0.4711

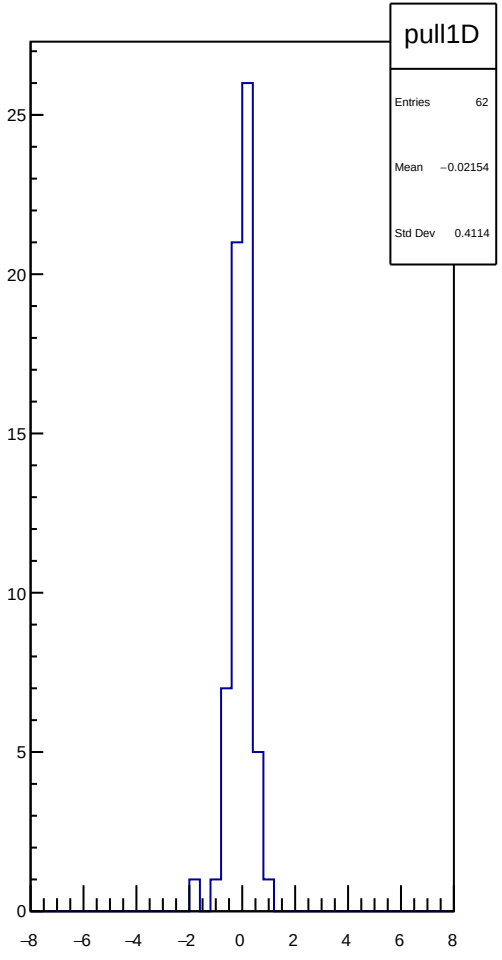

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs run
χ² / ndf 14.82 / 61
p0 −12.26 ± 0.3667
pull
Entries 62
Mean 135.5
Std Dev 106.4

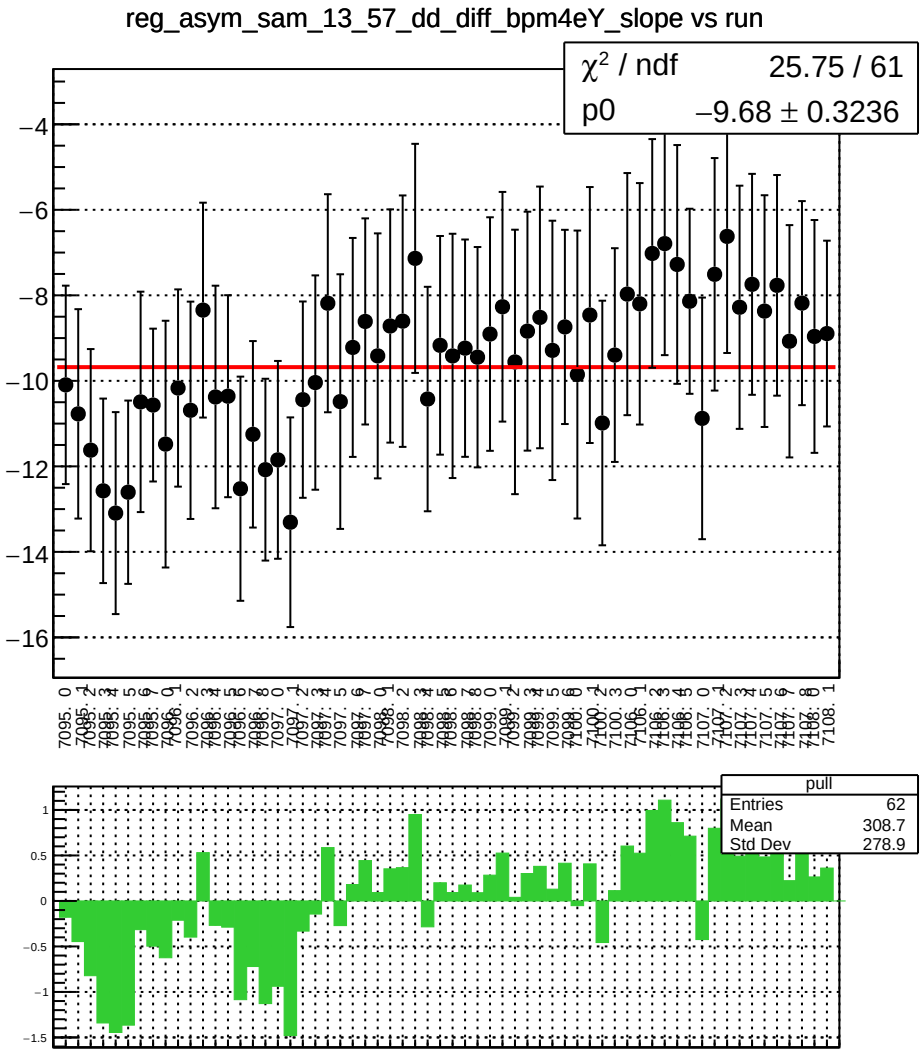

pull1D
Entries 62
Mean 0.03972
Std Dev 0.4873

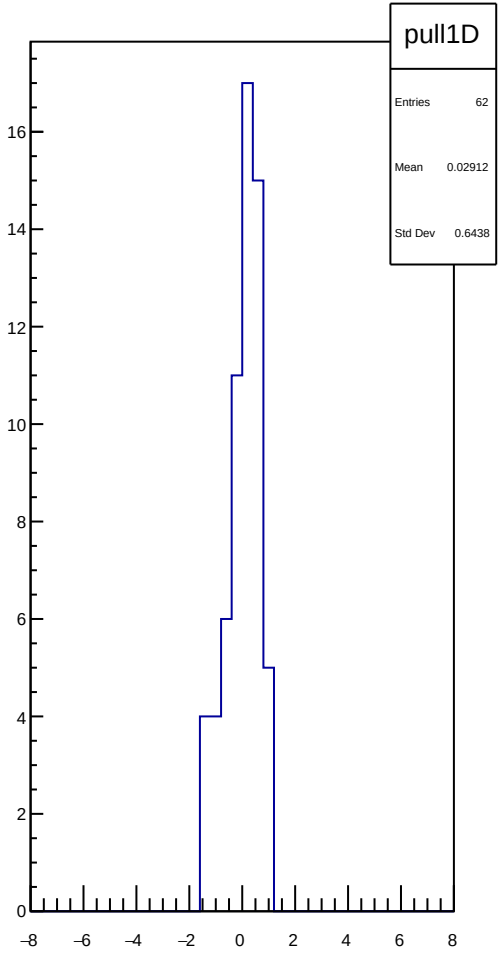

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs run
χ² / ndf 14.36 / 61
p0 −28.53 ± 0.3032
pull
Entries 62
Mean 506.4
Std Dev 476.2

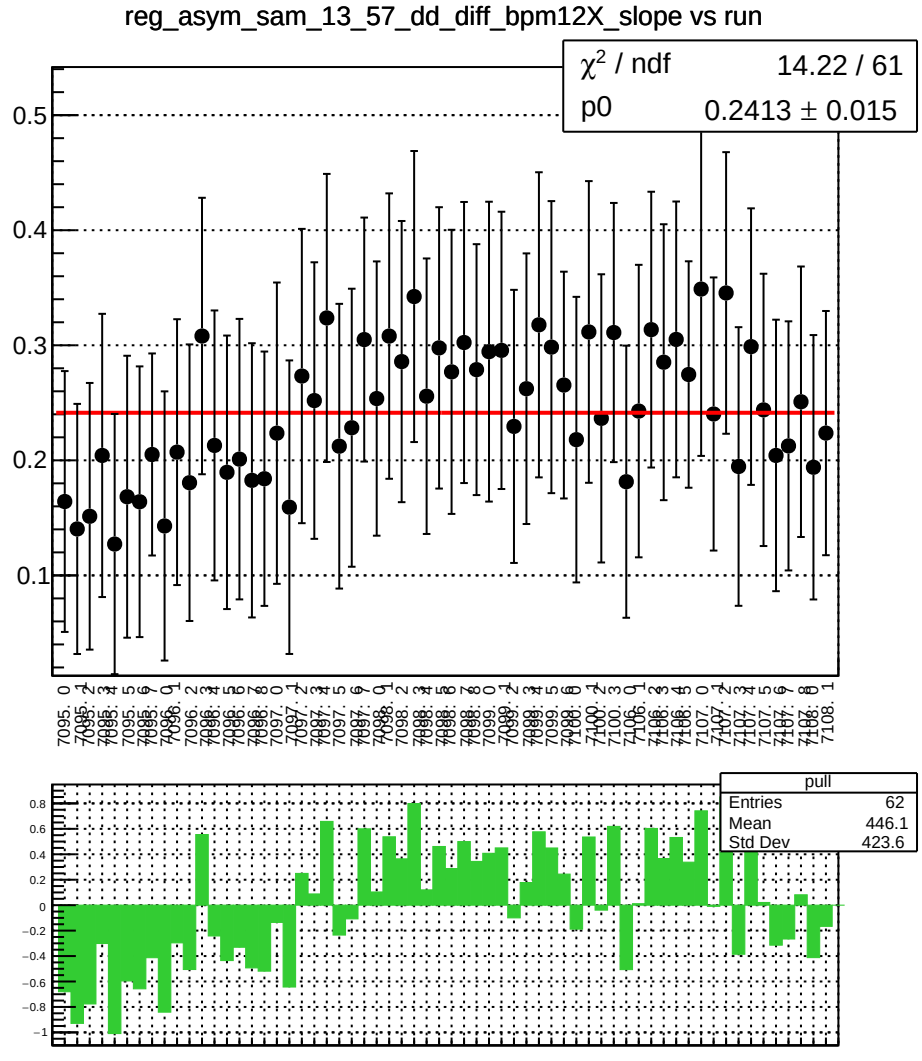

pull1D
Entries 62
Mean −0.01306
Std Dev 0.4811

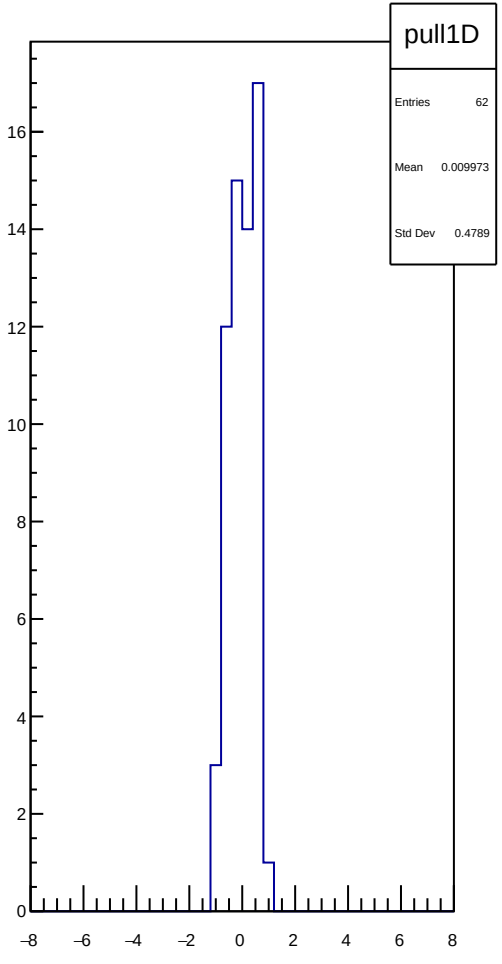

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs run
χ² / ndf 10.52 / 61
p0 −12.24 ± 0.3572
pull
Entries 62
Mean 138.9
Std Dev 111.3

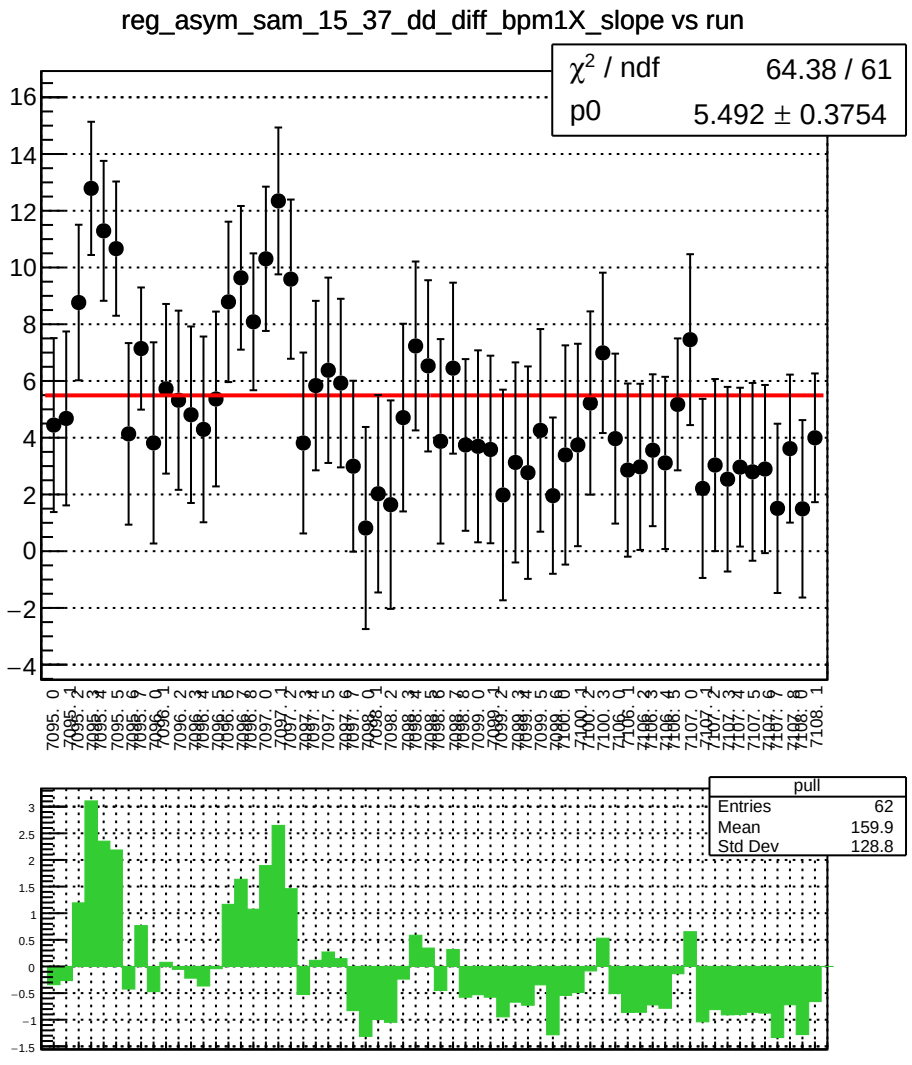

pull1D
Entries 62
Mean −0.02154
Std Dev 0.4114

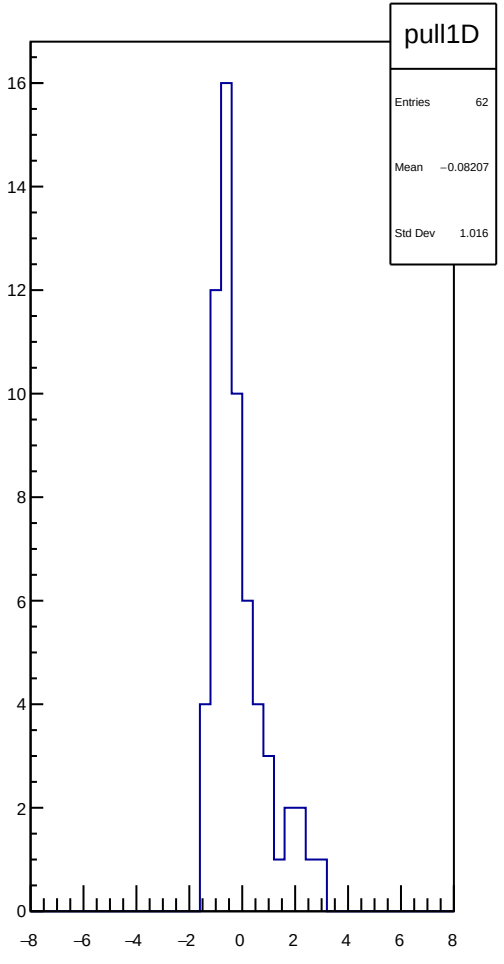

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs run
χ² / ndf 25.75 / 61
p0 −9.68 ± 0.3236
pull
Entries 62
Mean 308.7
Std Dev 278.9

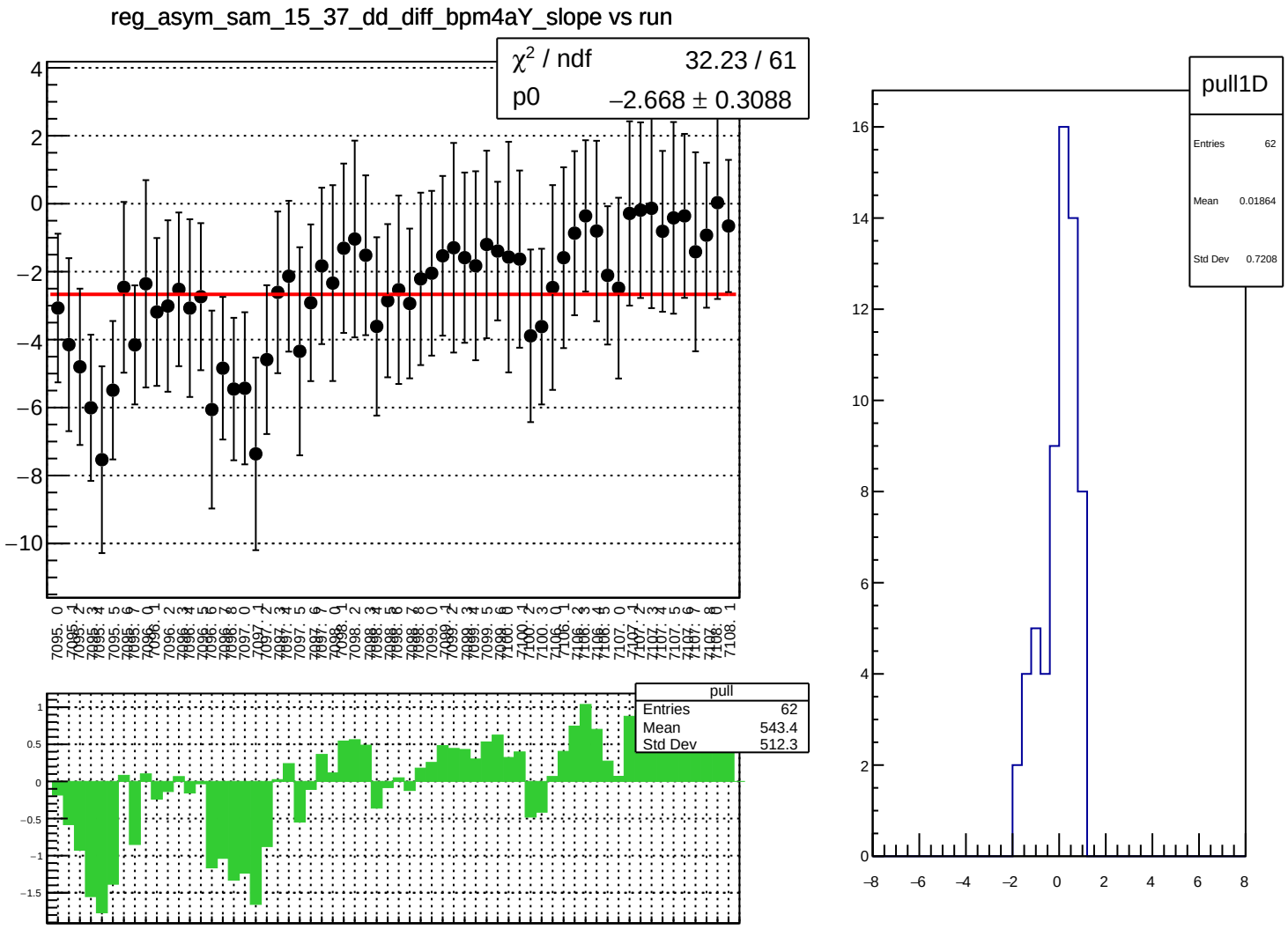

pull1D
Entries 62
Mean 0.02912
Std Dev 0.6438

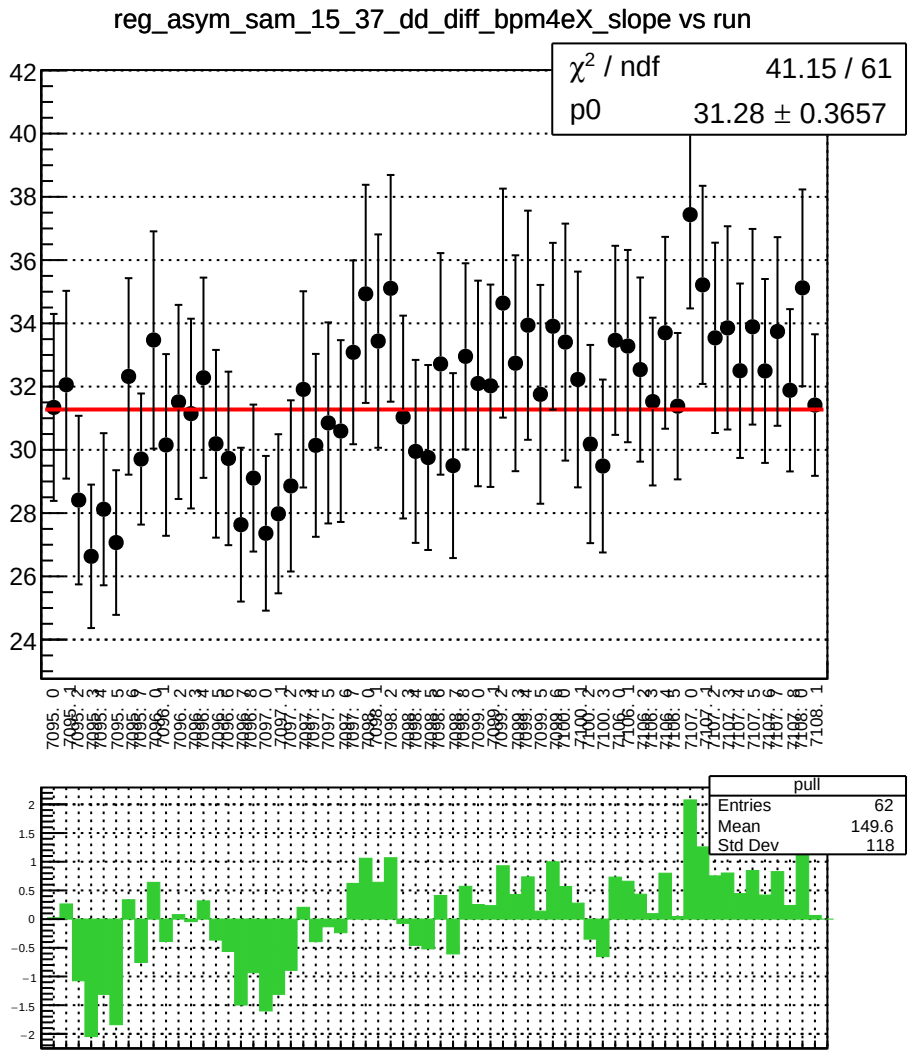

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs run
χ² / ndf 14.22 / 61
p0 0.2413 ± 0.015
pull
Entries 62
Mean 446.1
Std Dev 423.6

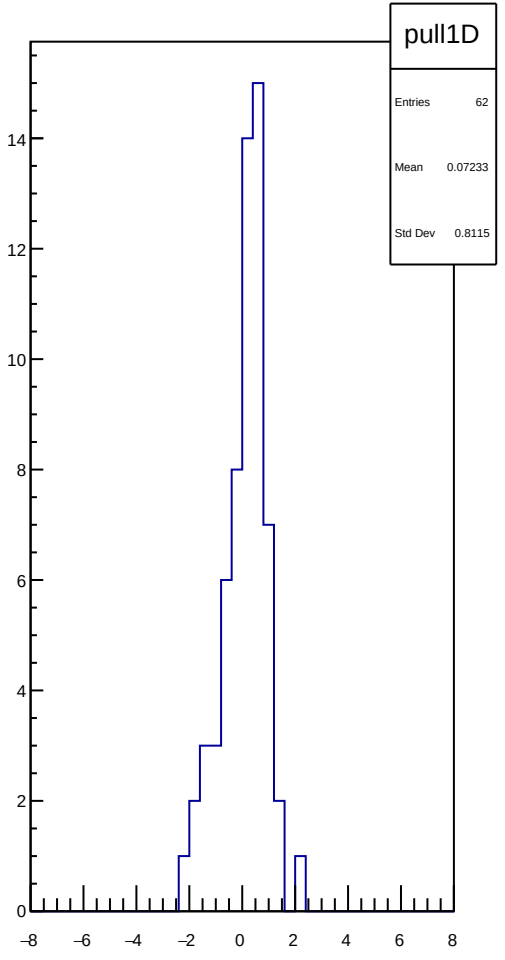

pull1D
Entries 62
Mean 0.009973
Std Dev 0.4789

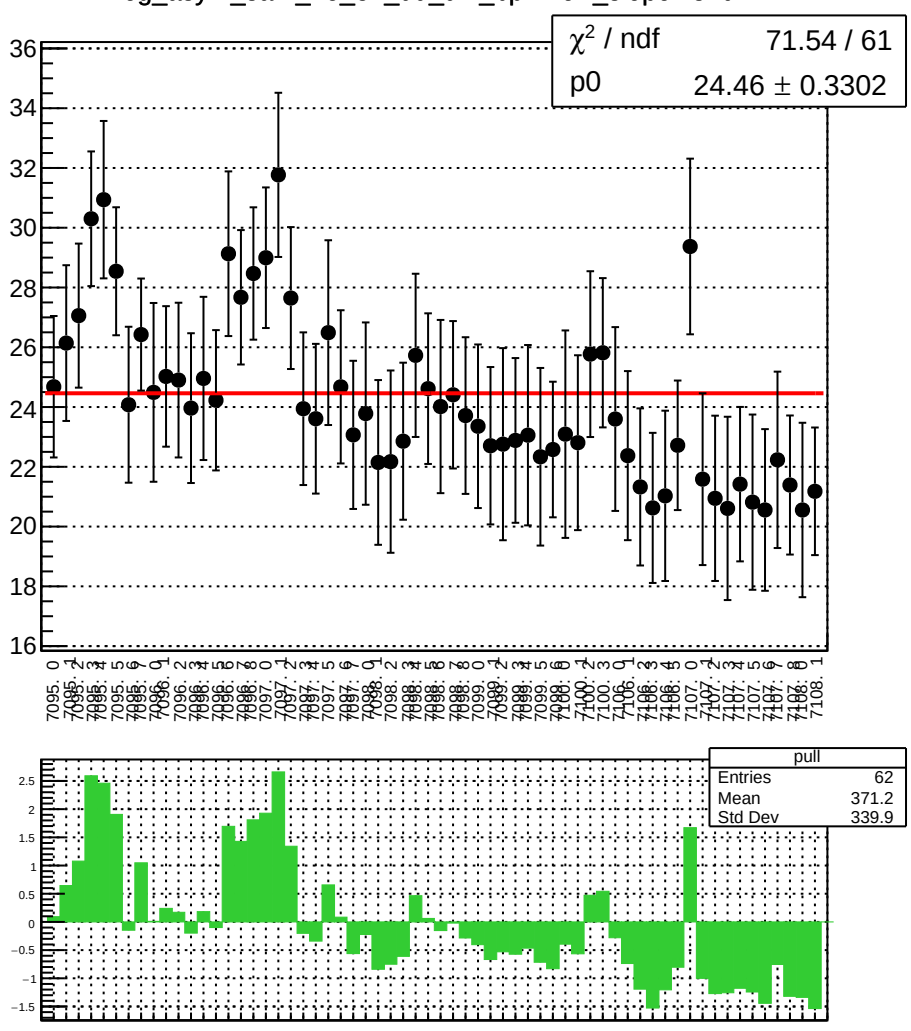

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs run
χ² / ndf 64.38 / 61
p0 5.492 ± 0.3754
pull
Entries 62
Mean 159.9
Std Dev 128.8

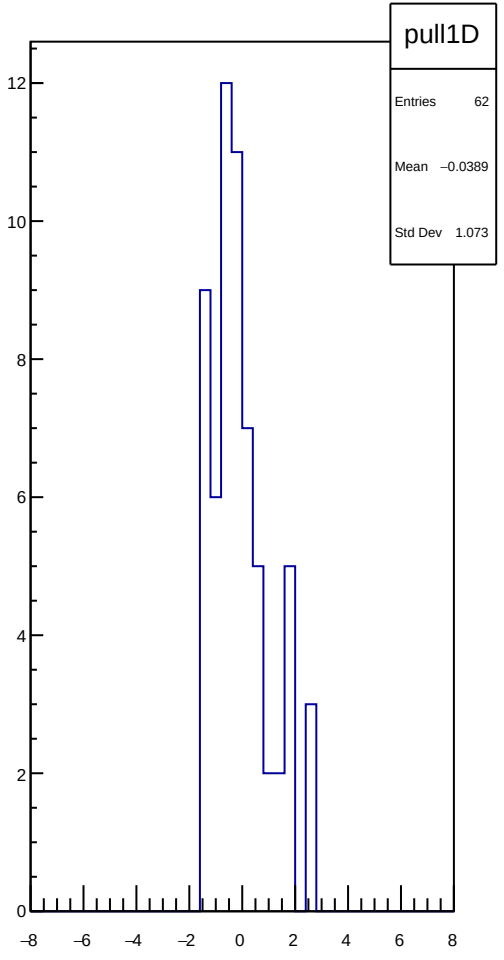

pull1D
Entries 62
Mean −0.08207
Std Dev 1.016

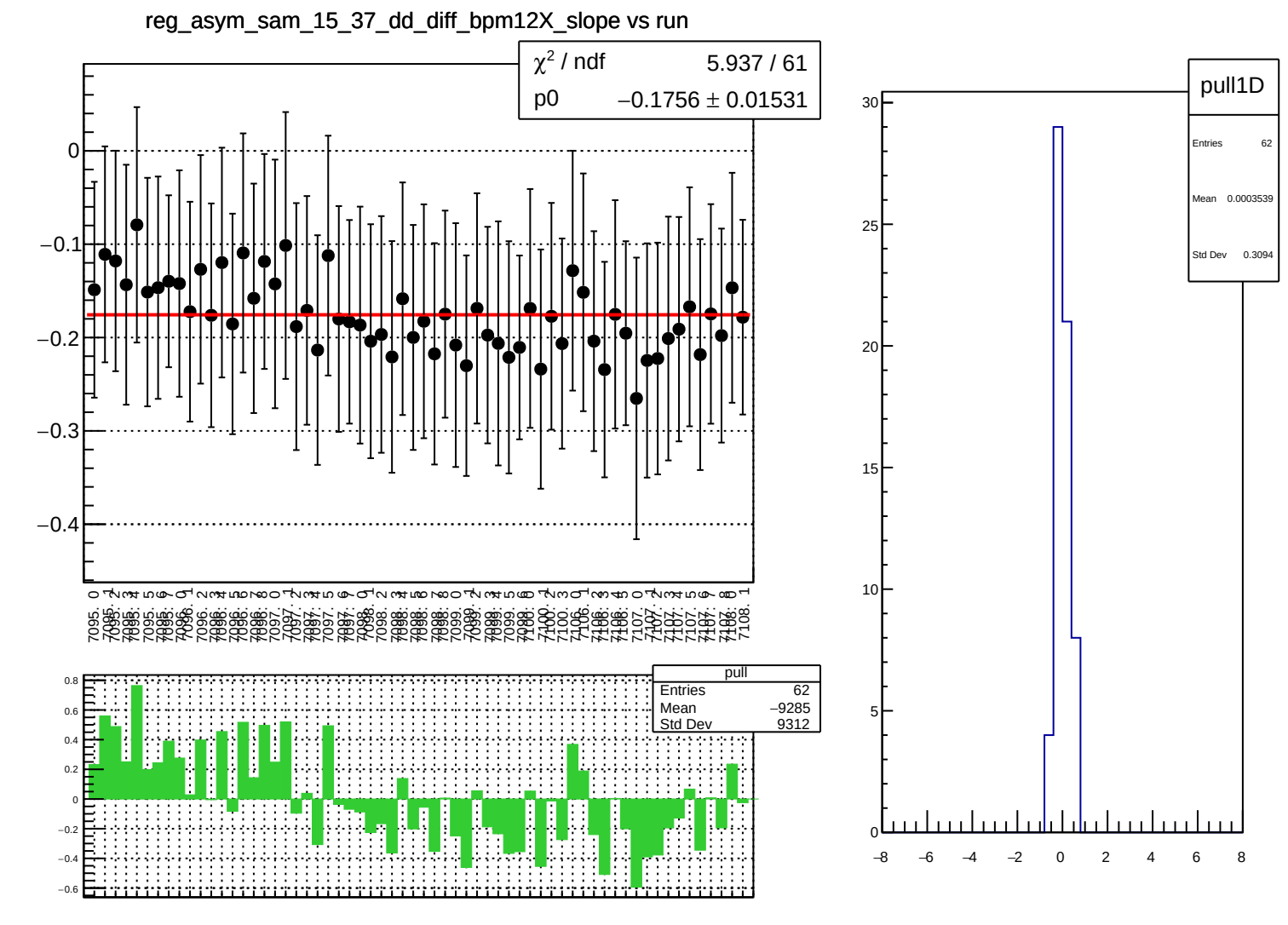

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs run
χ² / ndf 32.23 / 61
p0 −2.668 ± 0.3088
pull
Entries 62
Mean 543.4
Std Dev 512.3
pull1D
Entries 62
Mean 0.01864
Std Dev 0.7208

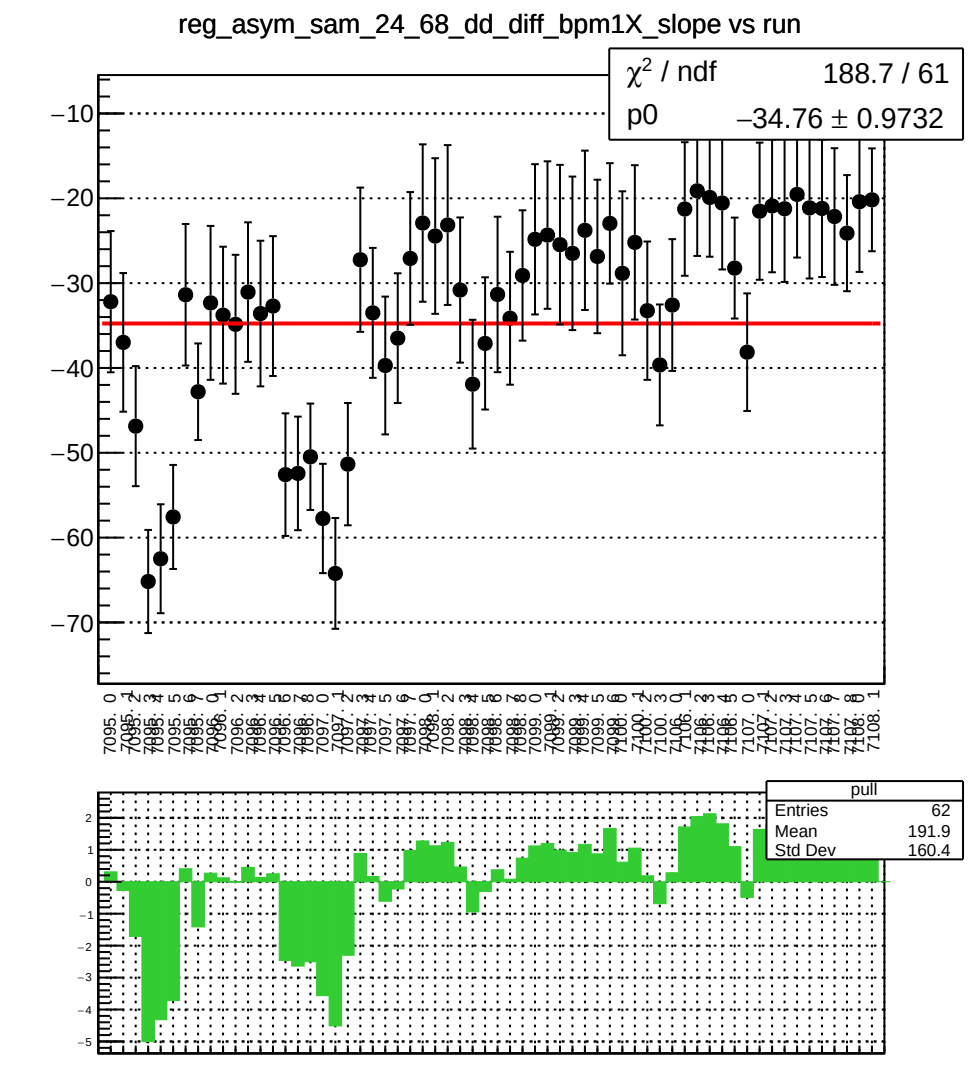

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs run
χ² / ndf 41.15 / 61
p0 31.28 ± 0.3657
pull
Entries 62
Mean 149.6
Std Dev 118

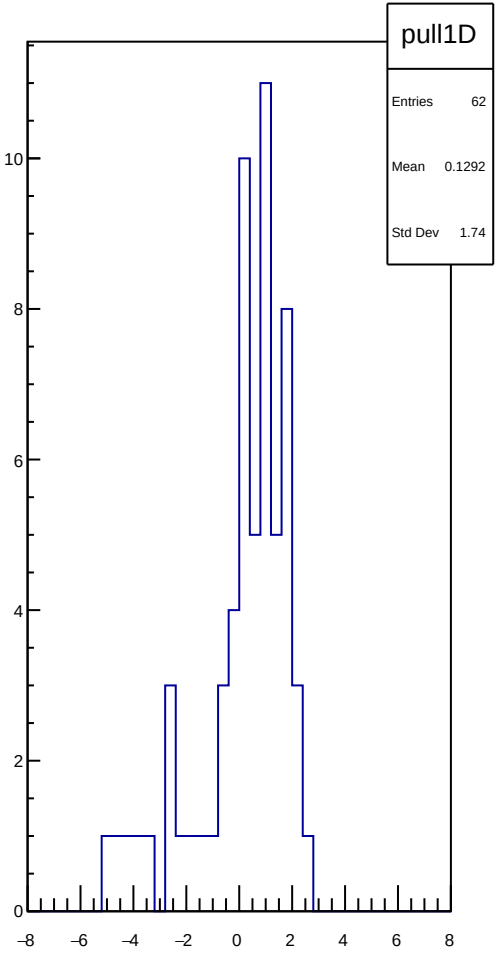

pull1D
Entries 62
Mean 0.07233
Std Dev 0.8115

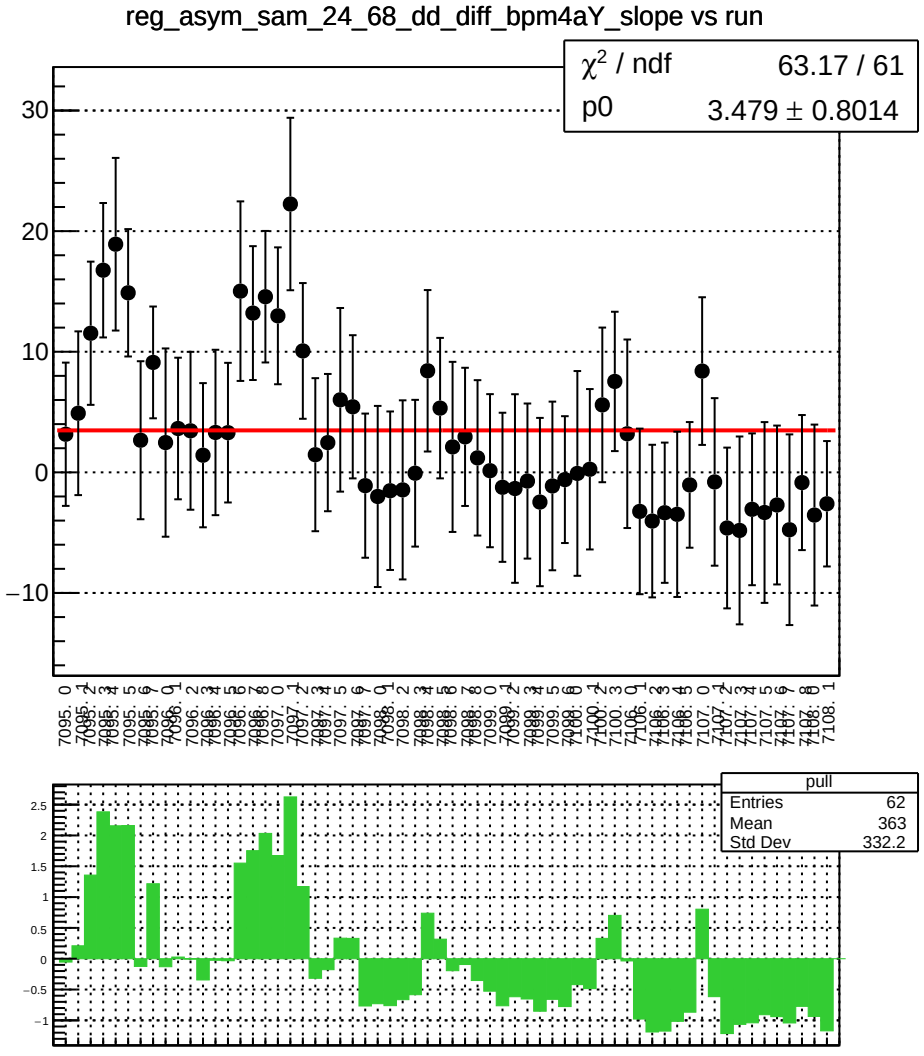

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs run
χ² / ndf 71.54 / 61
p0 24.46 ± 0.3302
pull
Entries 62
Mean 371.2
Std Dev 339.9

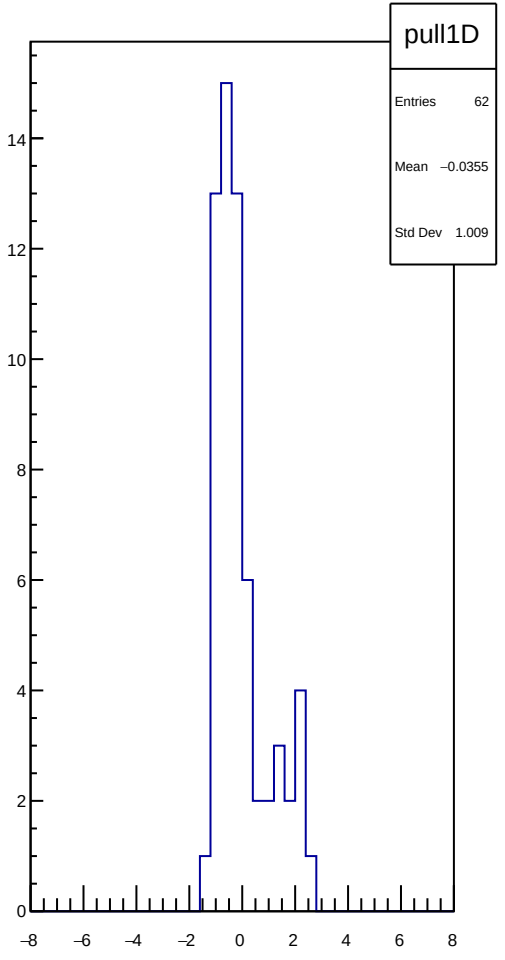

pull1D
Entries 62
Mean −0.0389
Std Dev 1.073

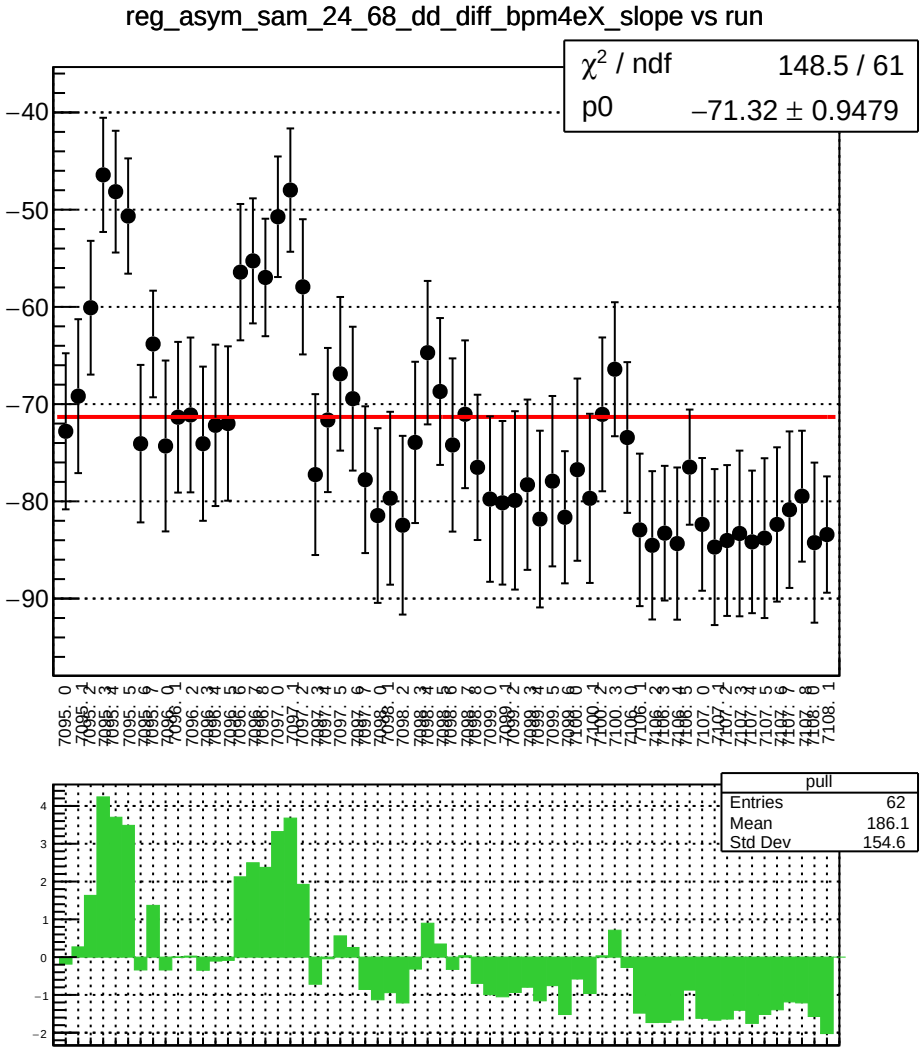

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs run
χ² / ndf 5.937 / 61
p0 −0.1756 ± 0.01531
pull
Entries 62
Mean −9285
Std Dev 9312
pull1D
Entries 62
Mean 0.0003539
Std Dev 0.3094

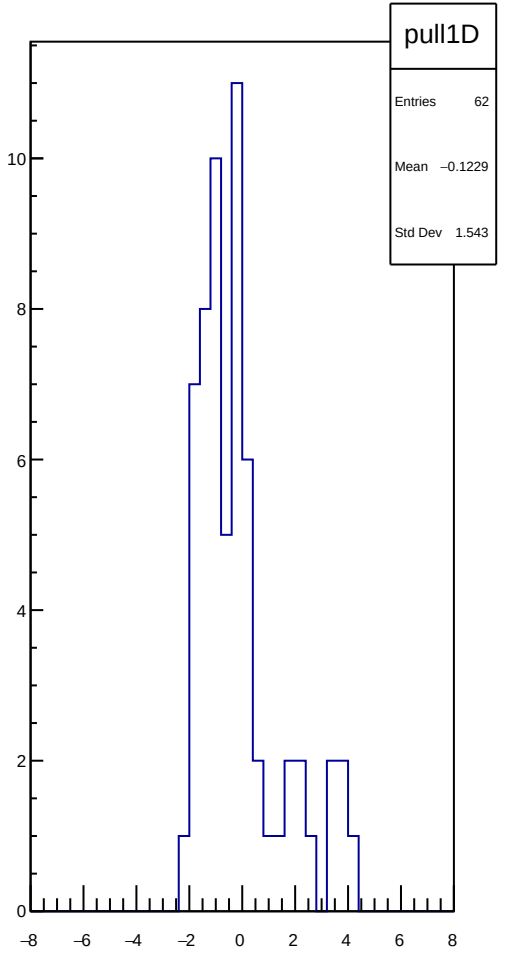

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs run
χ² / ndf 188.7 / 61
p0 −34.76 ± 0.9732
pull
Entries 62
Mean 191.9
Std Dev 160.4

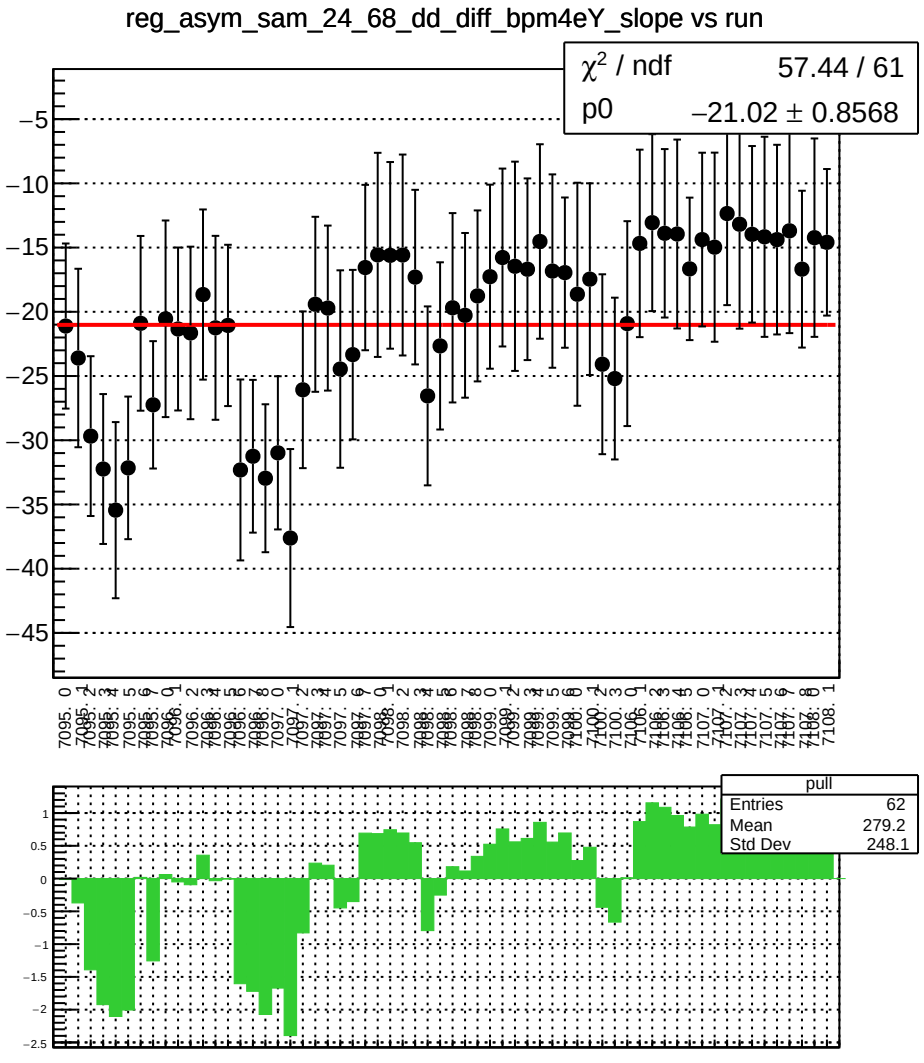

pull1D
Entries 62
Mean 0.1292
Std Dev 1.74

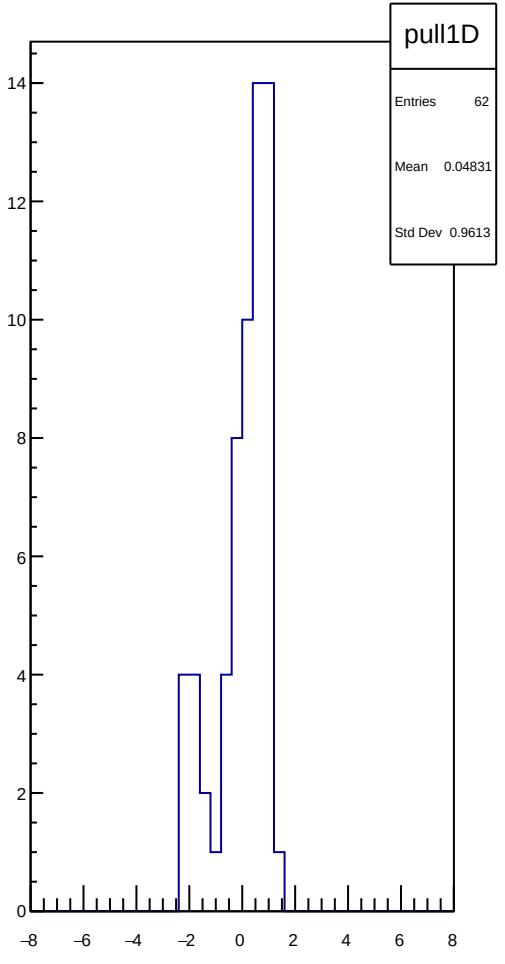

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs run
χ² / ndf 63.17 / 61
p0 3.479 ± 0.8014
pull
Entries 62
Mean 363
Std Dev 332.2

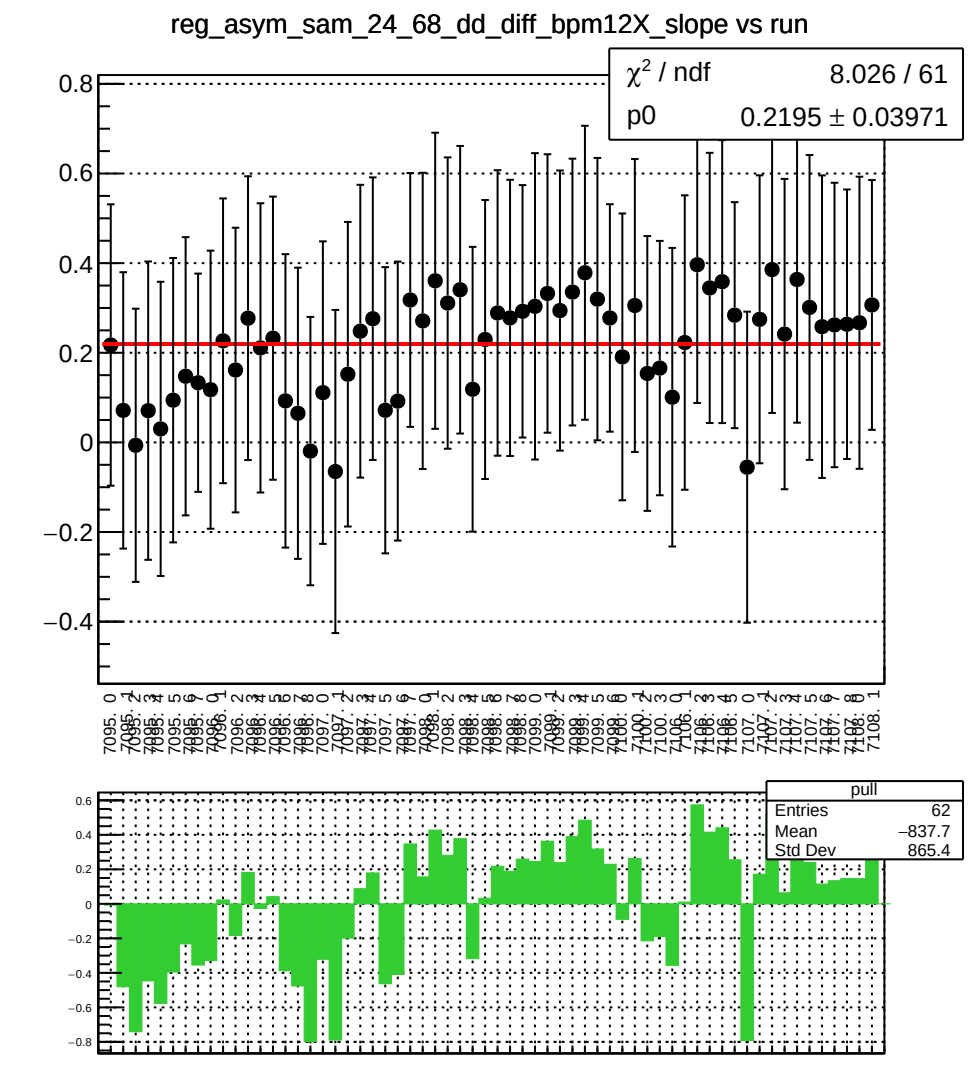

pull1D
Entries 62
Mean −0.0355
Std Dev 1.009

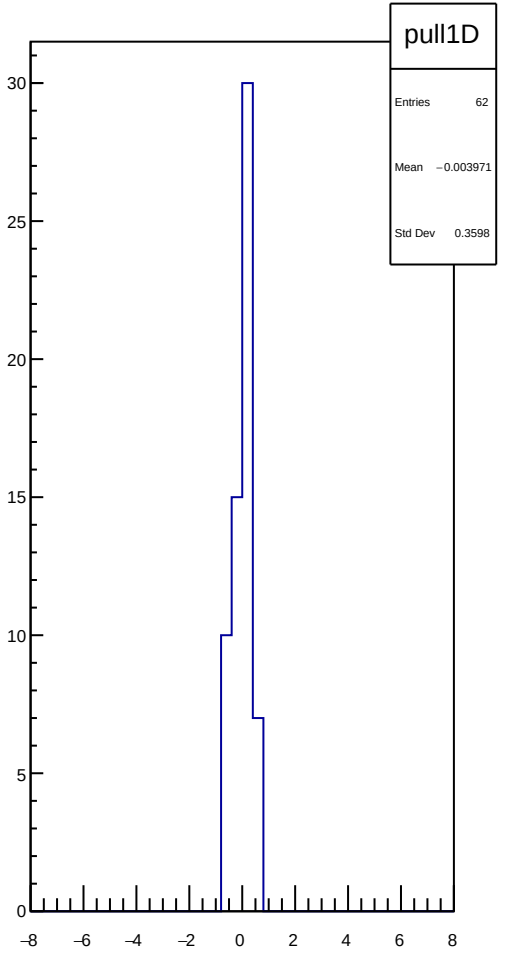

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs run
χ² / ndf 148.5 / 61
p0 −71.32 ± 0.9479
pull
Entries 62
Mean 186.1
Std Dev 154.6

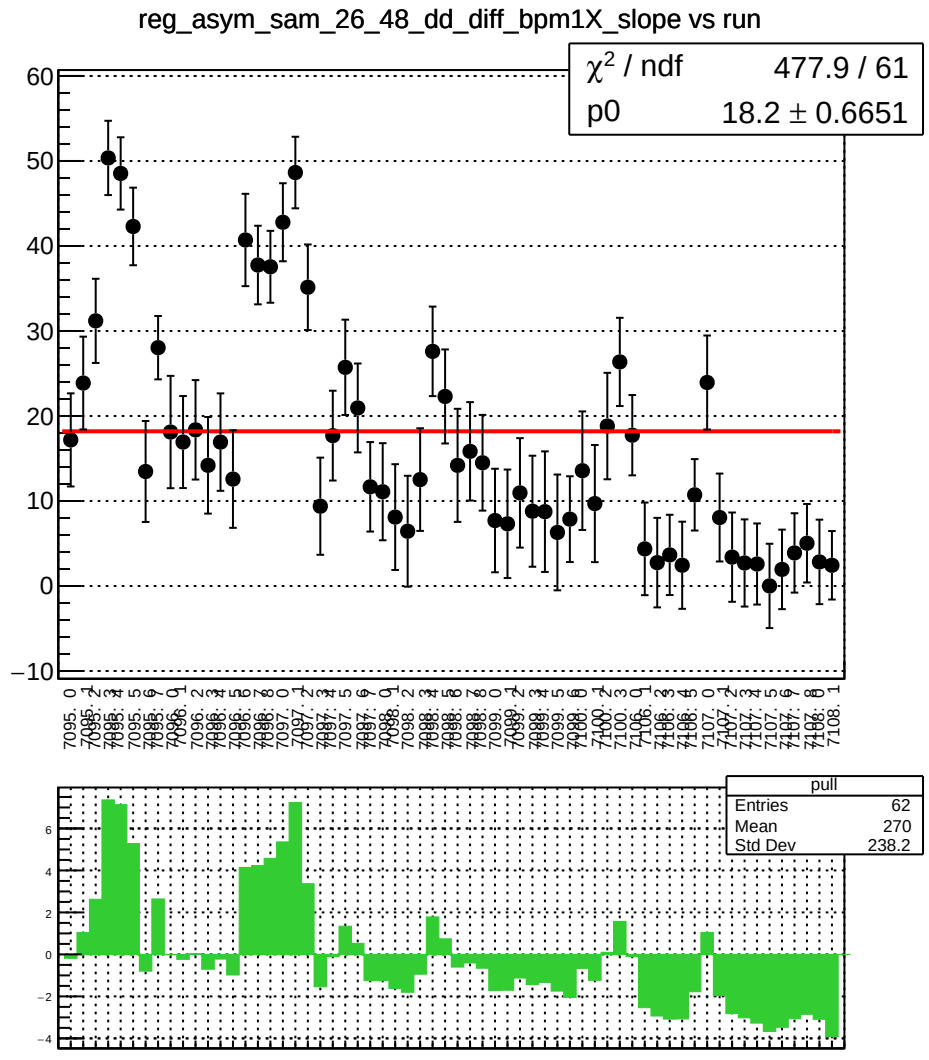

pull1D
Entries 62
Mean −0.1229
Std Dev 1.543

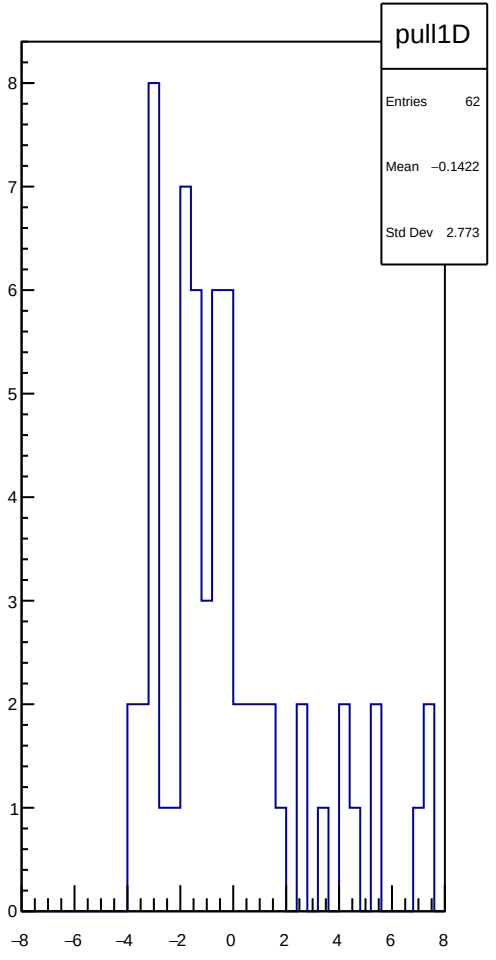

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs run
χ² / ndf 57.44 / 61
p0 −21.02 ± 0.8568
pull
Entries 62
Mean 279.2
Std Dev 248.1

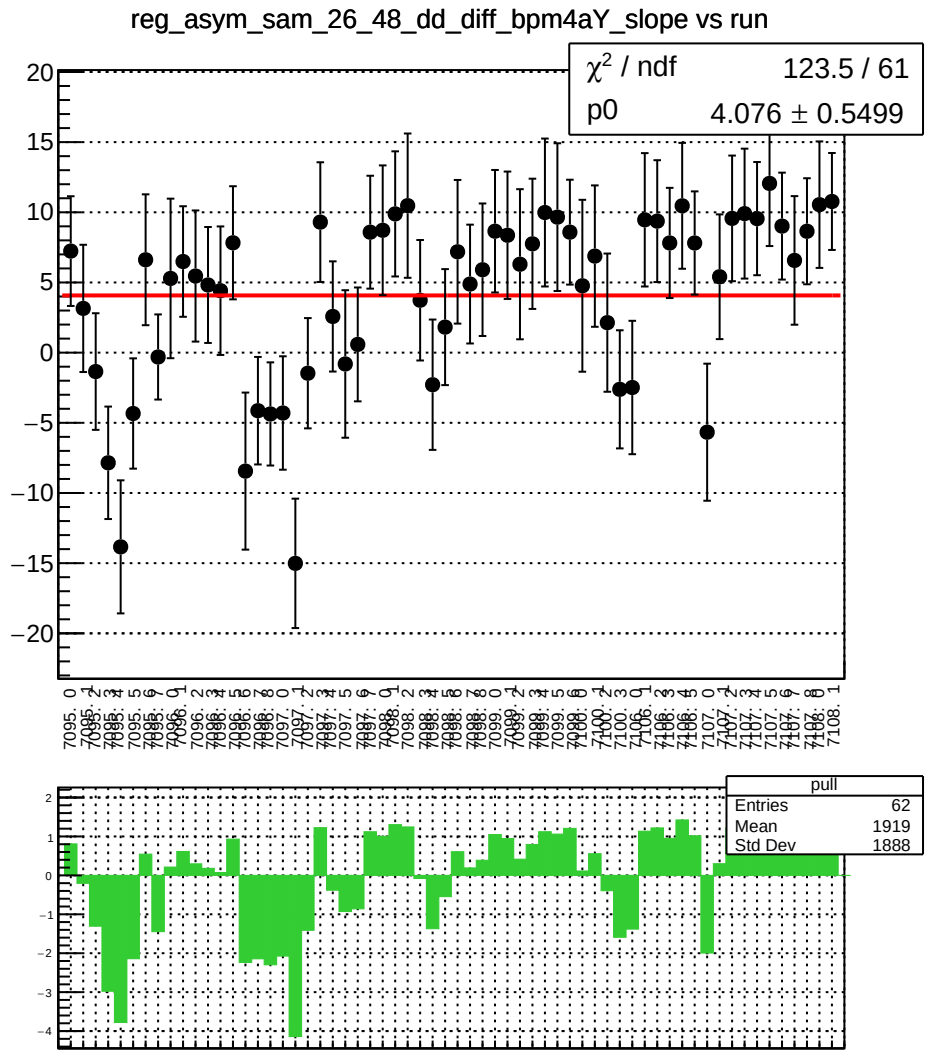

pull1D
Entries 62
Mean 0.04831
Std Dev 0.9613

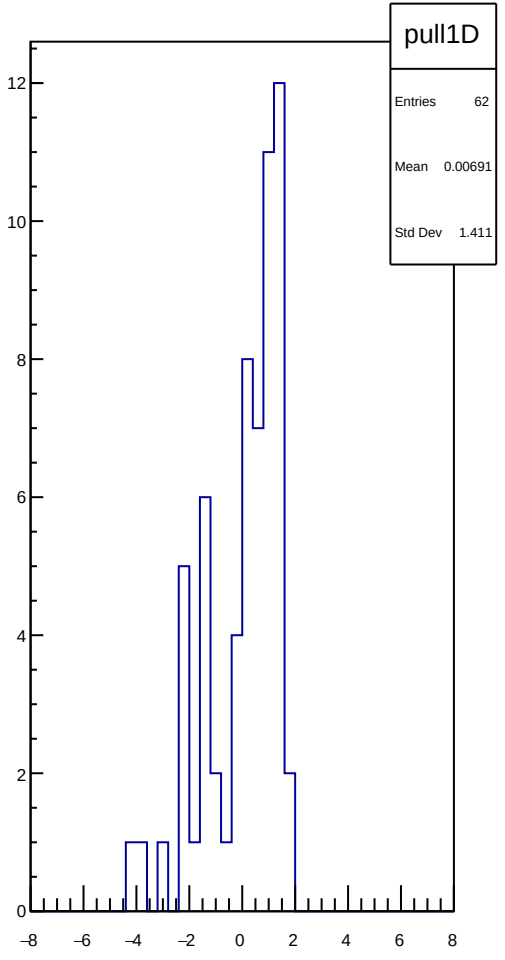

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs run
χ² / ndf 8.026 / 61
p0 0.2195 ± 0.03971
pull
Entries 62
Mean −837.7
Std Dev 865.4

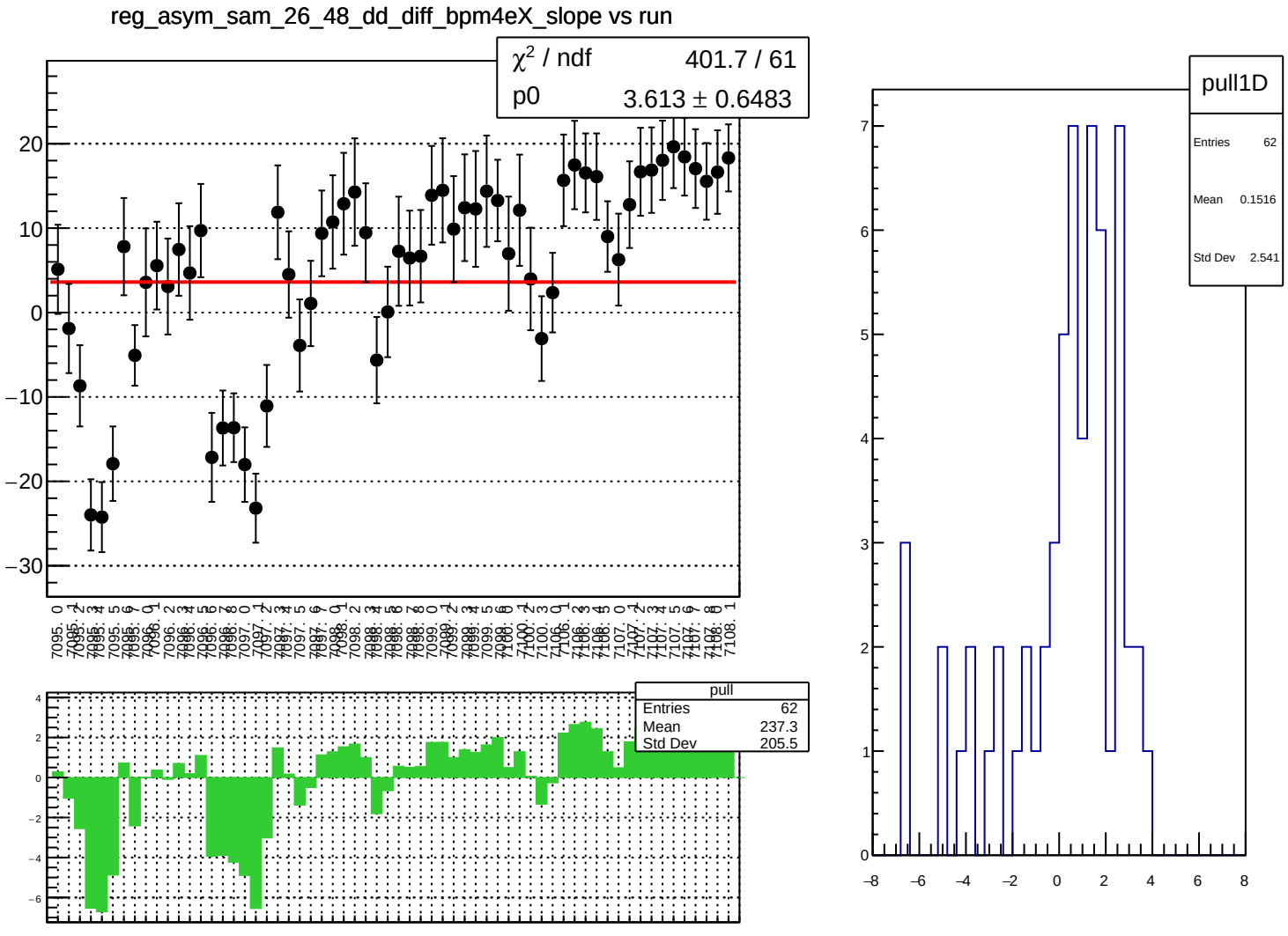

pull1D
Entries 62
Mean −0.003971
Std Dev 0.3598

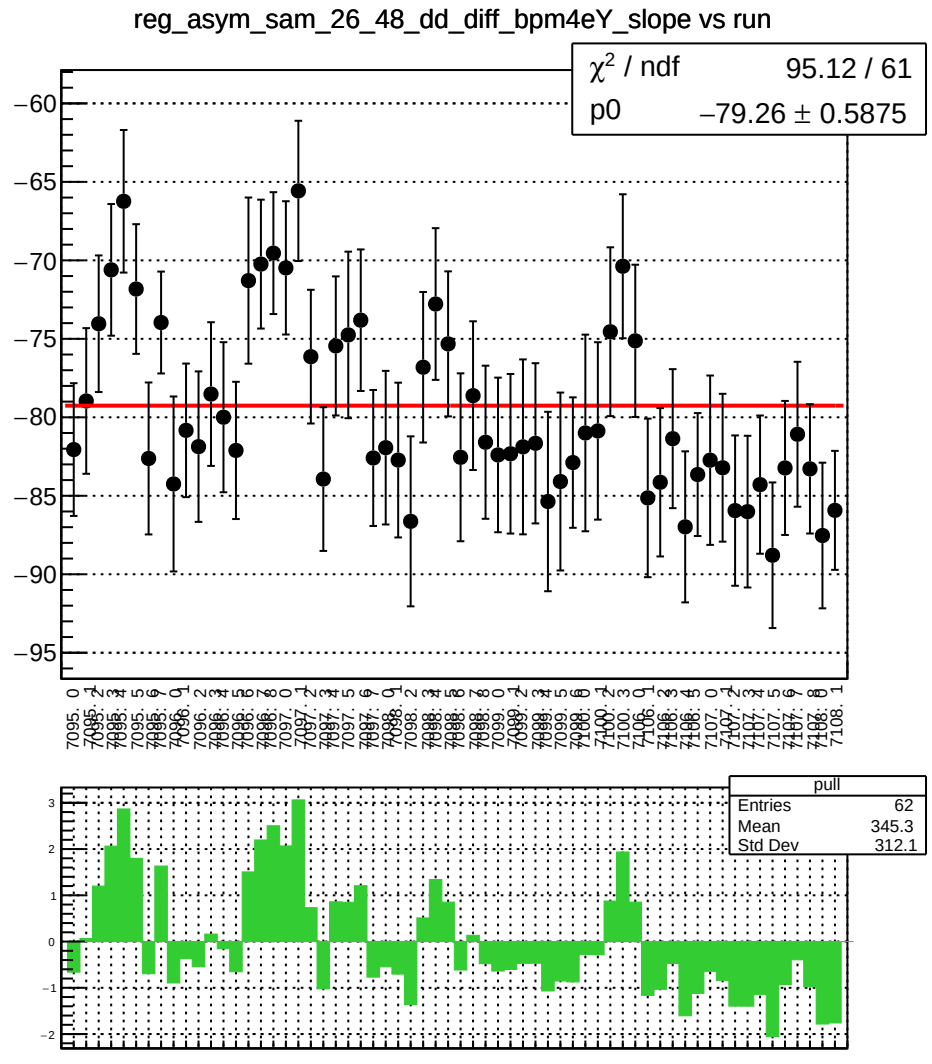

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs run
χ² / ndf 477.9 / 61
p0 18.2 ± 0.6651
pull
Entries 62
Mean 270
Std Dev 238.2

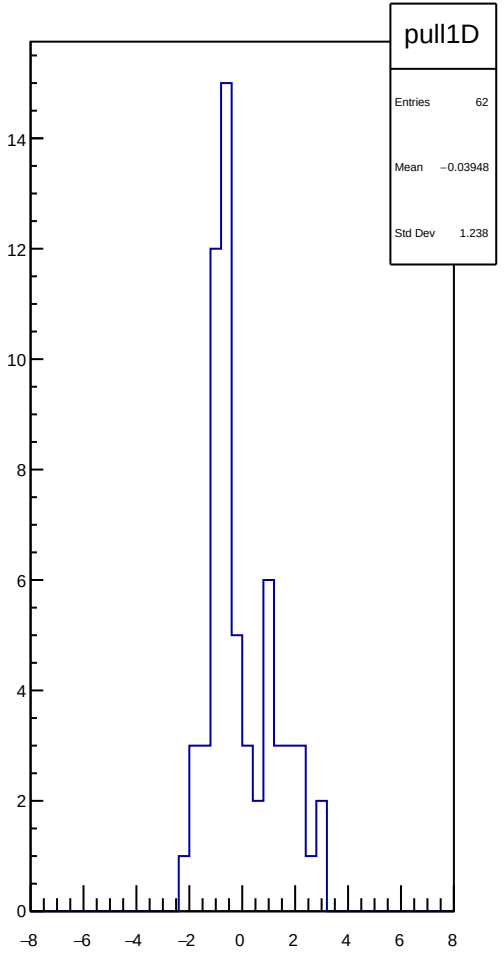

pull1D
Entries 62
Mean −0.1422
Std Dev 2.773

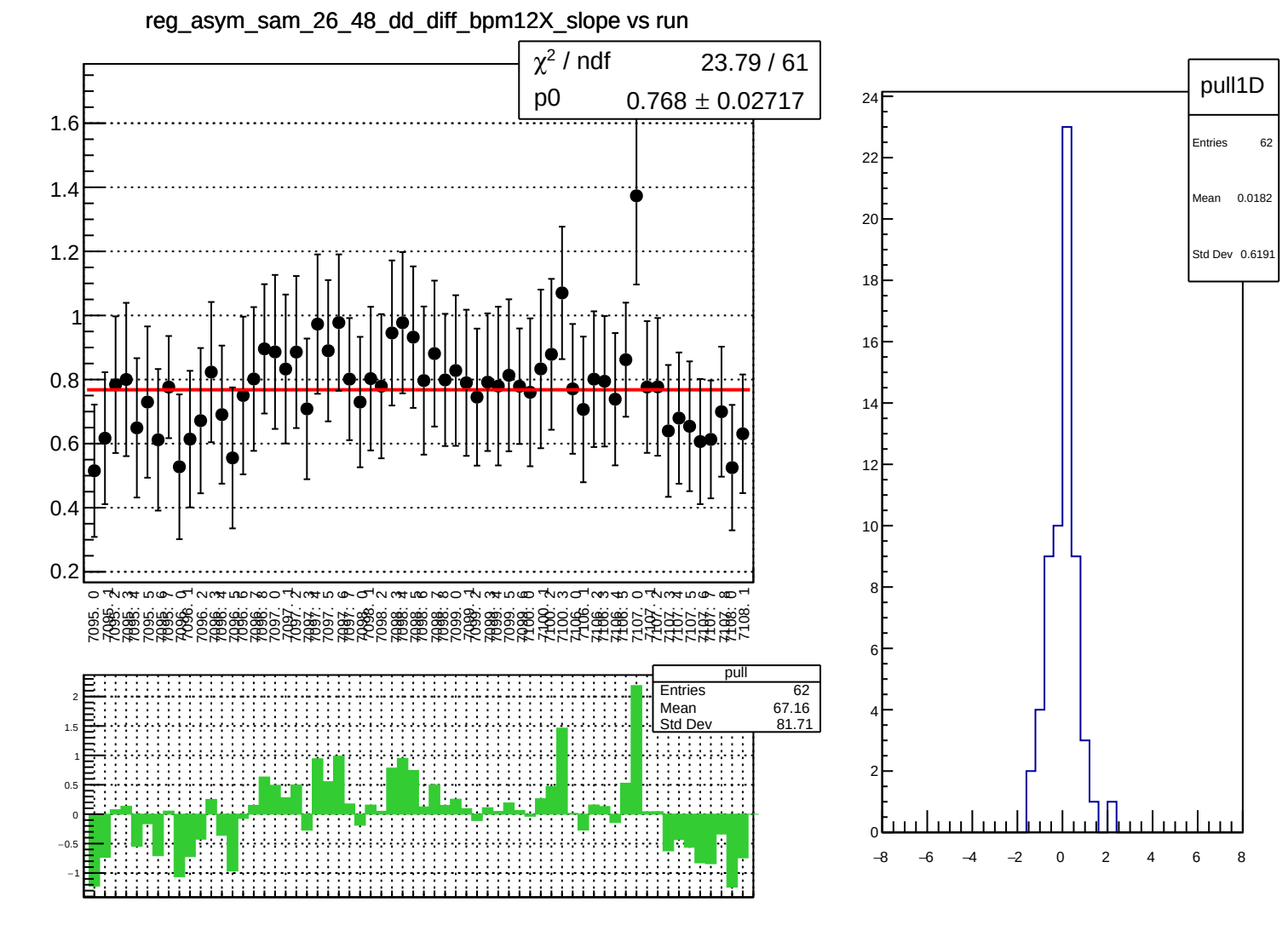

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 123.5 / 61
p0 4.076 ± 0.5499
pull
Entries 62
Mean 1919
Std Dev 1888

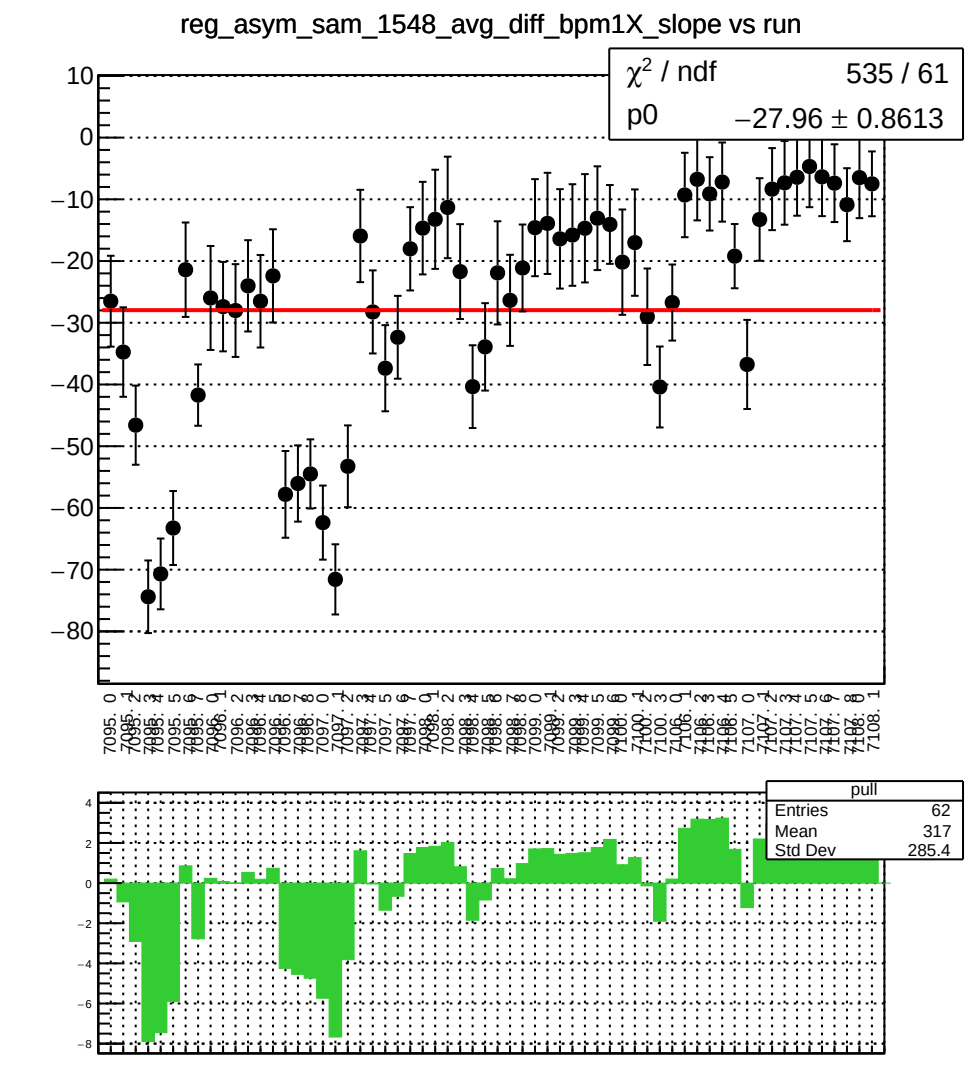

pull1D
Entries 62
Mean 0.00691
Std Dev 1.411

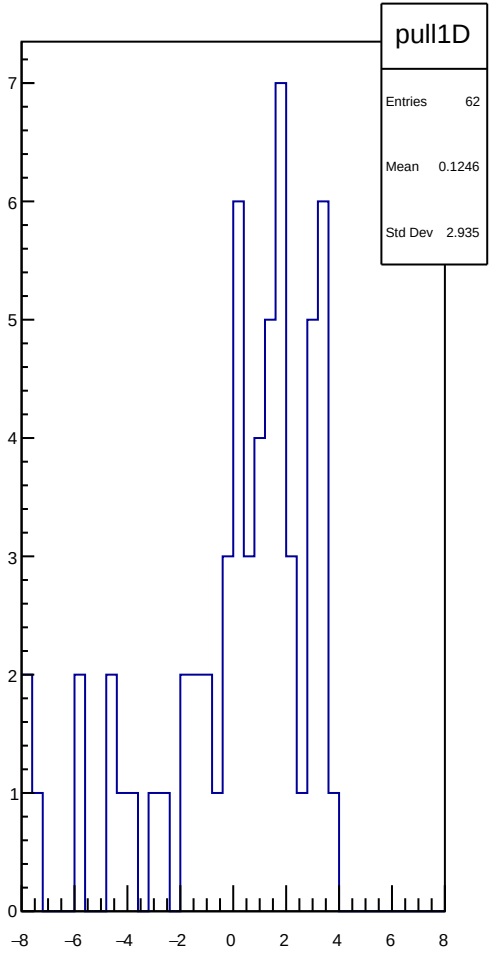

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 401.7 / 61
p0 3.613 ± 0.6483
pull
Entries 62
Mean 237.3
Std Dev 205.5
pull1D
Entries 62
Mean 0.1516
Std Dev 2.541

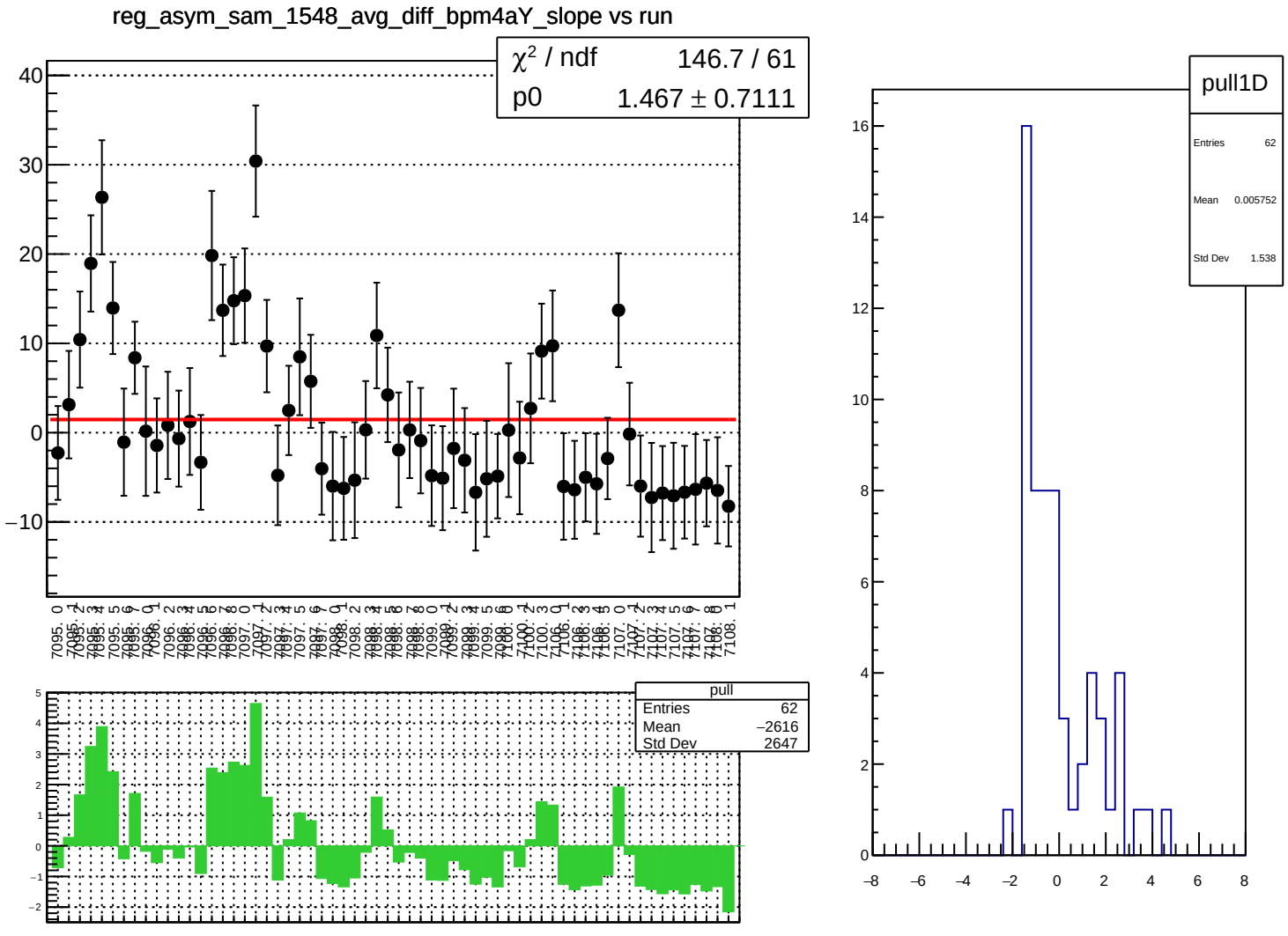

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 95.12 / 61
p0 −79.26 ± 0.5875
pull
Entries 62
Mean 345.3
Std Dev 312.1

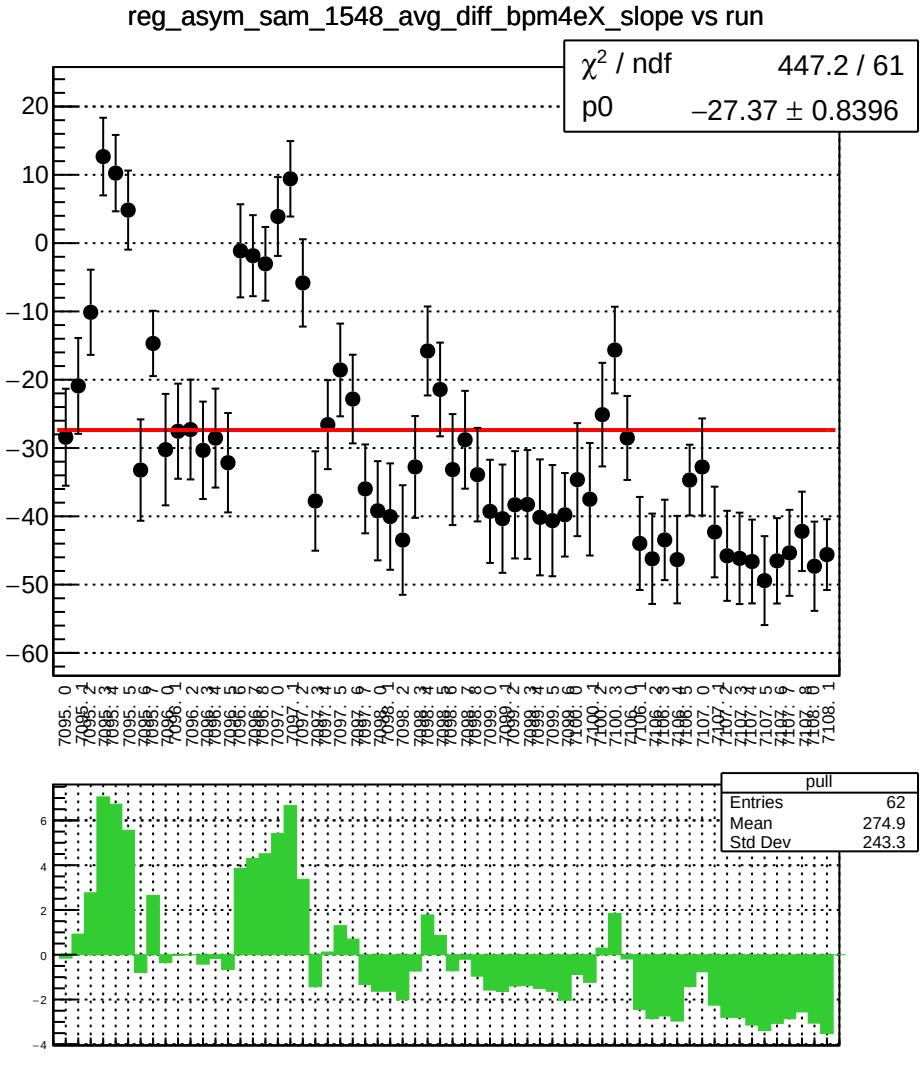

pull1D
Entries 62
Mean −0.03948
Std Dev 1.238

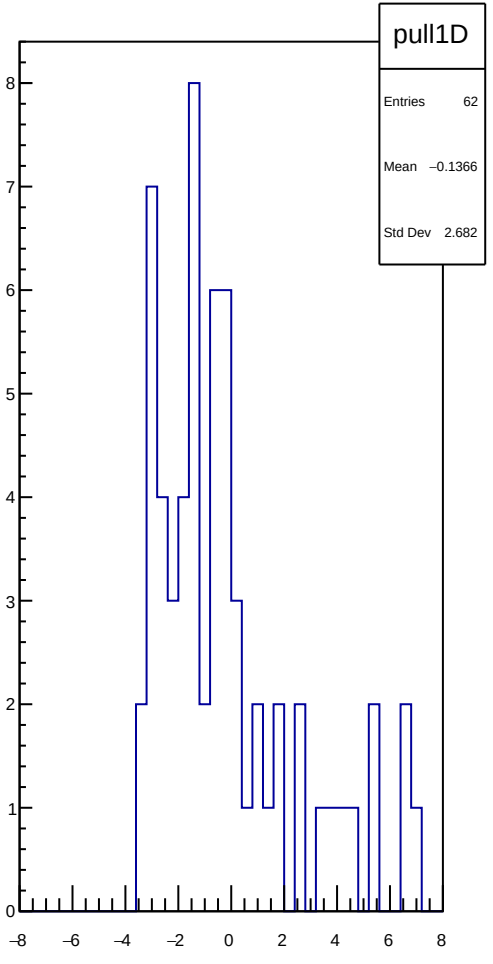

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs run
χ² / ndf 23.79 / 61
p0 0.768 ± 0.02717
pull
Entries 62
Mean 67.16
Std Dev 81.71
pull1D
Entries 62
Mean 0.0182
Std Dev 0.6191

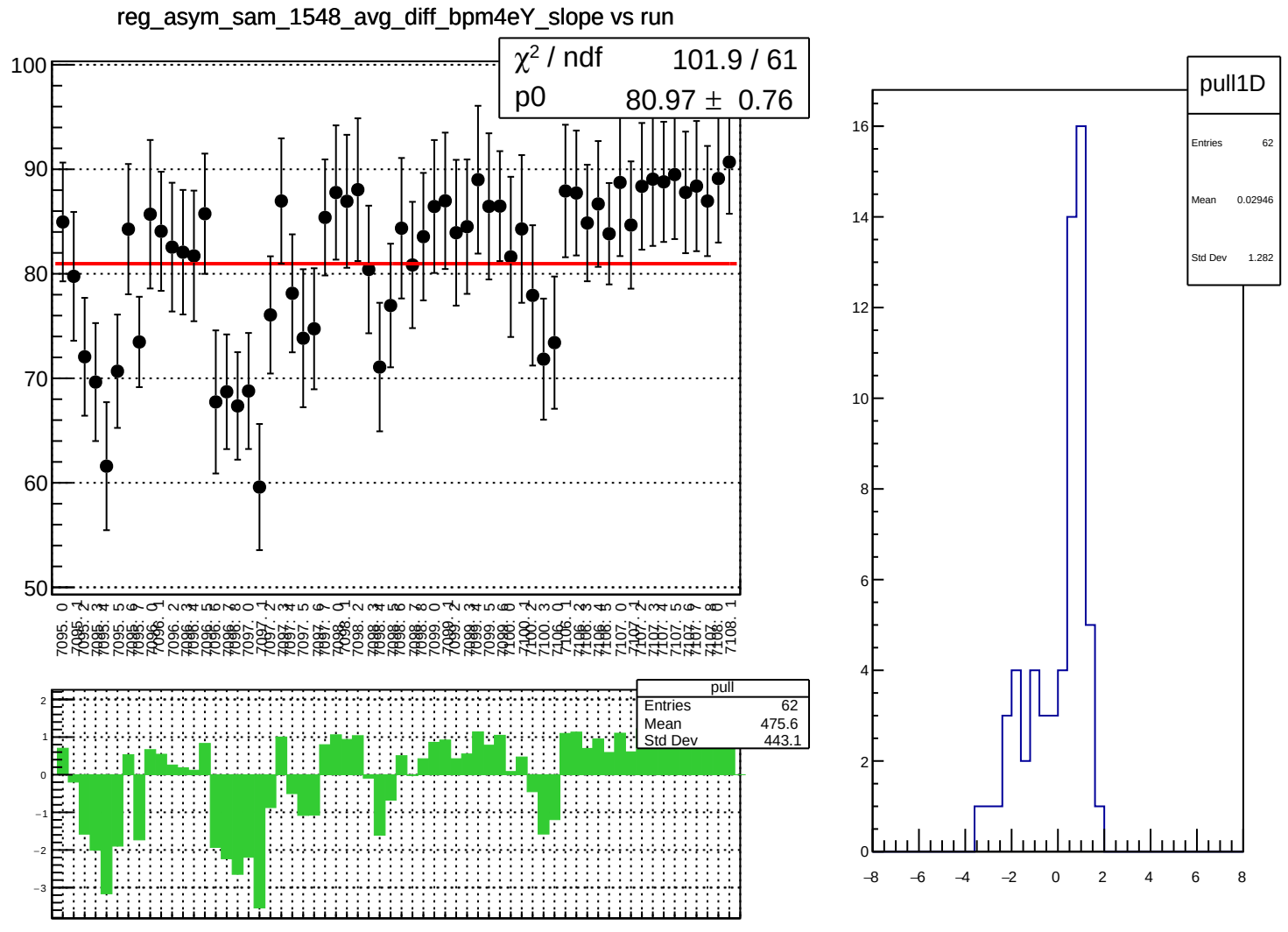

reg_asym_sam_1548_avg_diff_bpm1X_slope vs run
χ² / ndf 535 / 61
p0 −27.96 ± 0.8613
pull
Entries 62
Mean 317
Std Dev 285.4

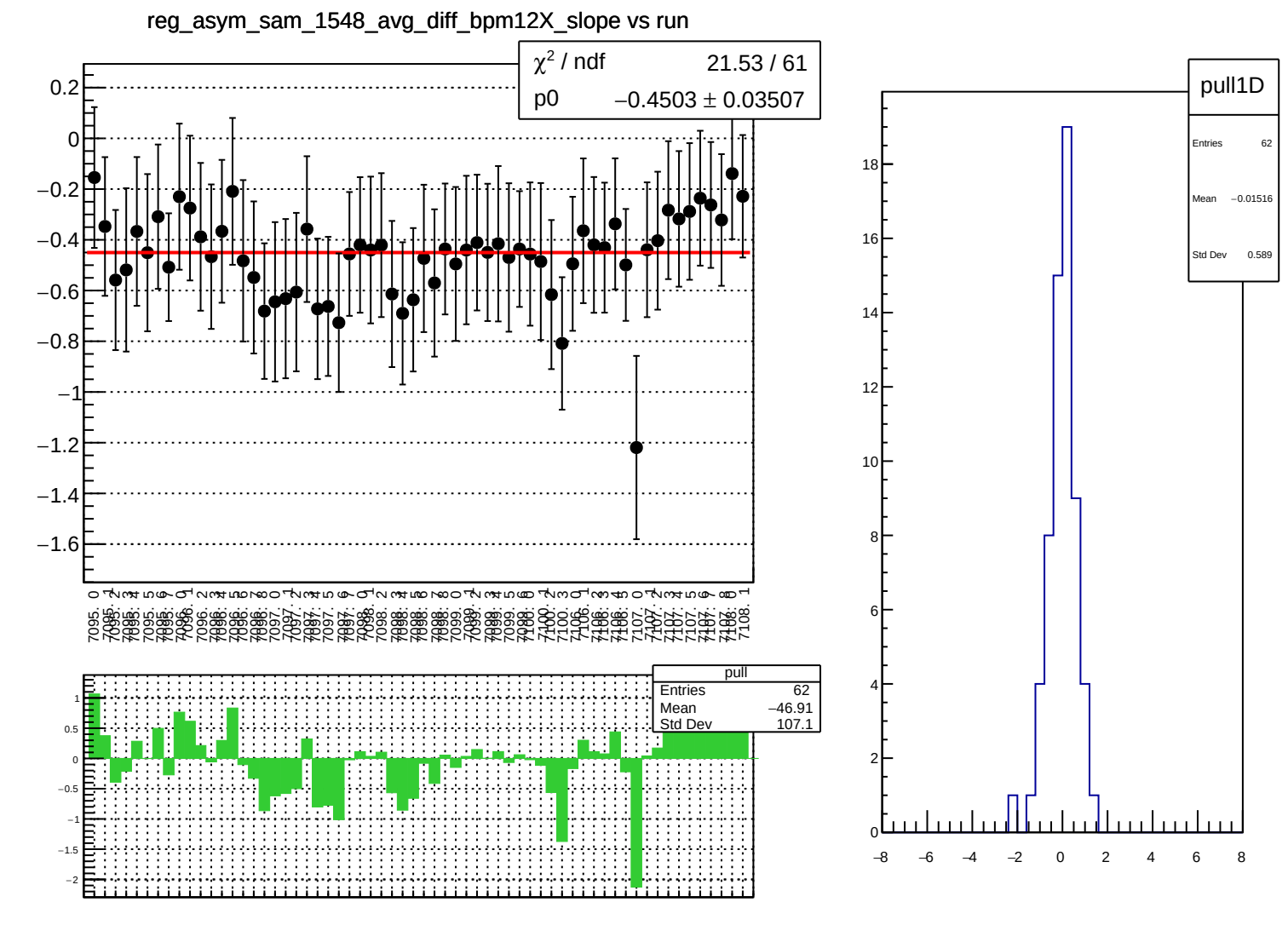

pull1D
Entries 62
Mean 0.1246
Std Dev 2.935

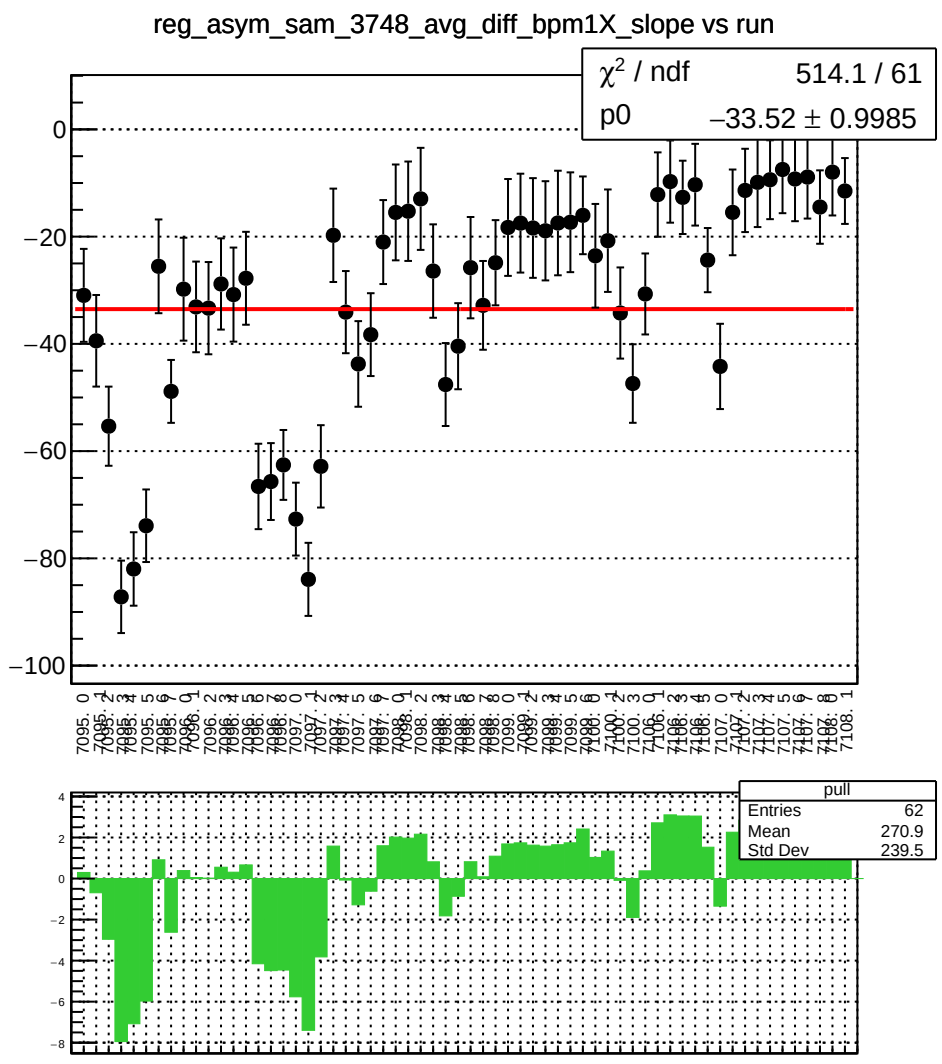

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs run
χ² / ndf 146.7 / 61
p0 1.467 ± 0.7111
pull
Entries 62
Mean −2616
Std Dev 2647
pull1D
Entries 62
Mean 0.005752
Std Dev 1.538

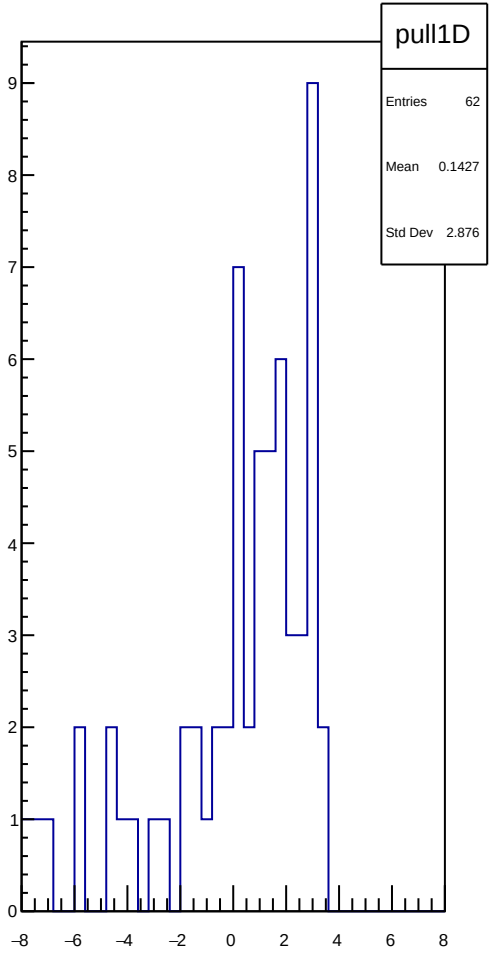

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs run
χ² / ndf 447.2 / 61
p0 −27.37 ± 0.8396
pull
Entries 62
Mean 274.9
Std Dev 243.3

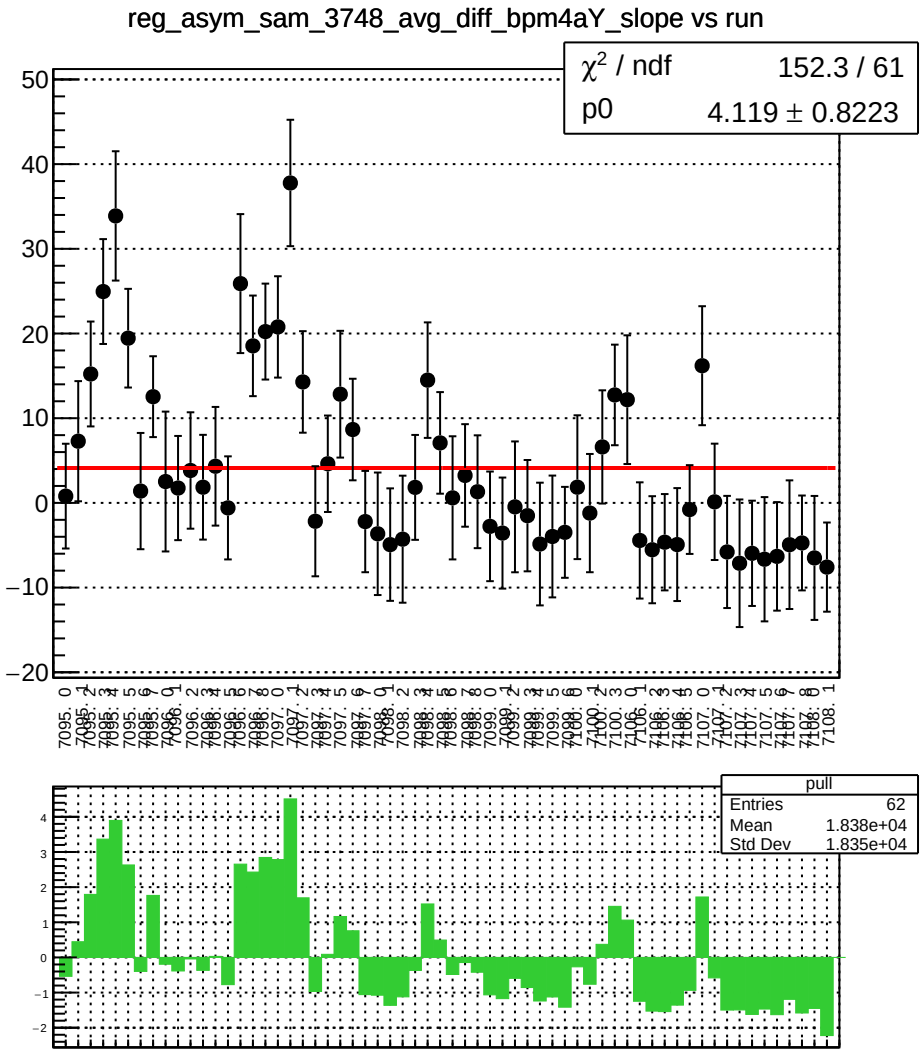

pull1D
Entries 62
Mean −0.1366
Std Dev 2.682

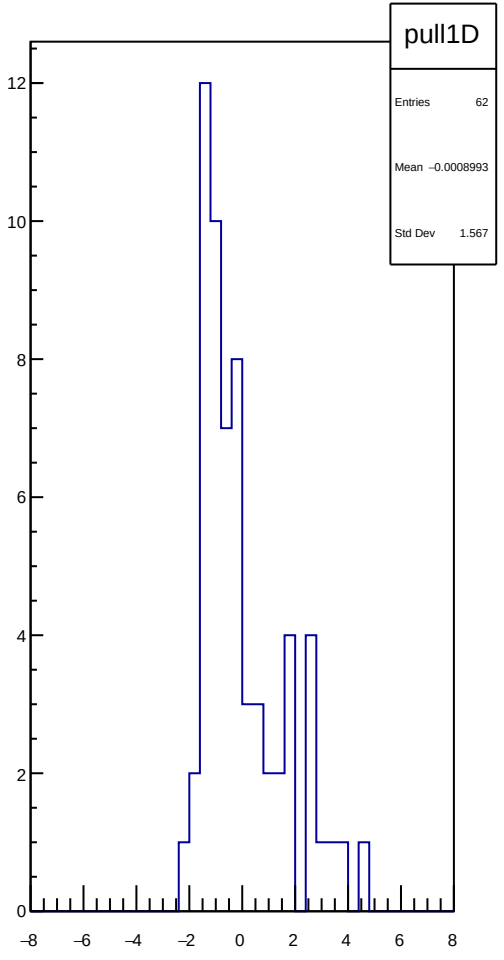

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs run
χ² / ndf 101.9 / 61
p0 80.97 ± 0.76
pull
Entries 62
Mean 475.6
Std Dev 443.1
pull1D
Entries 62
Mean 0.02946
Std Dev 1.282

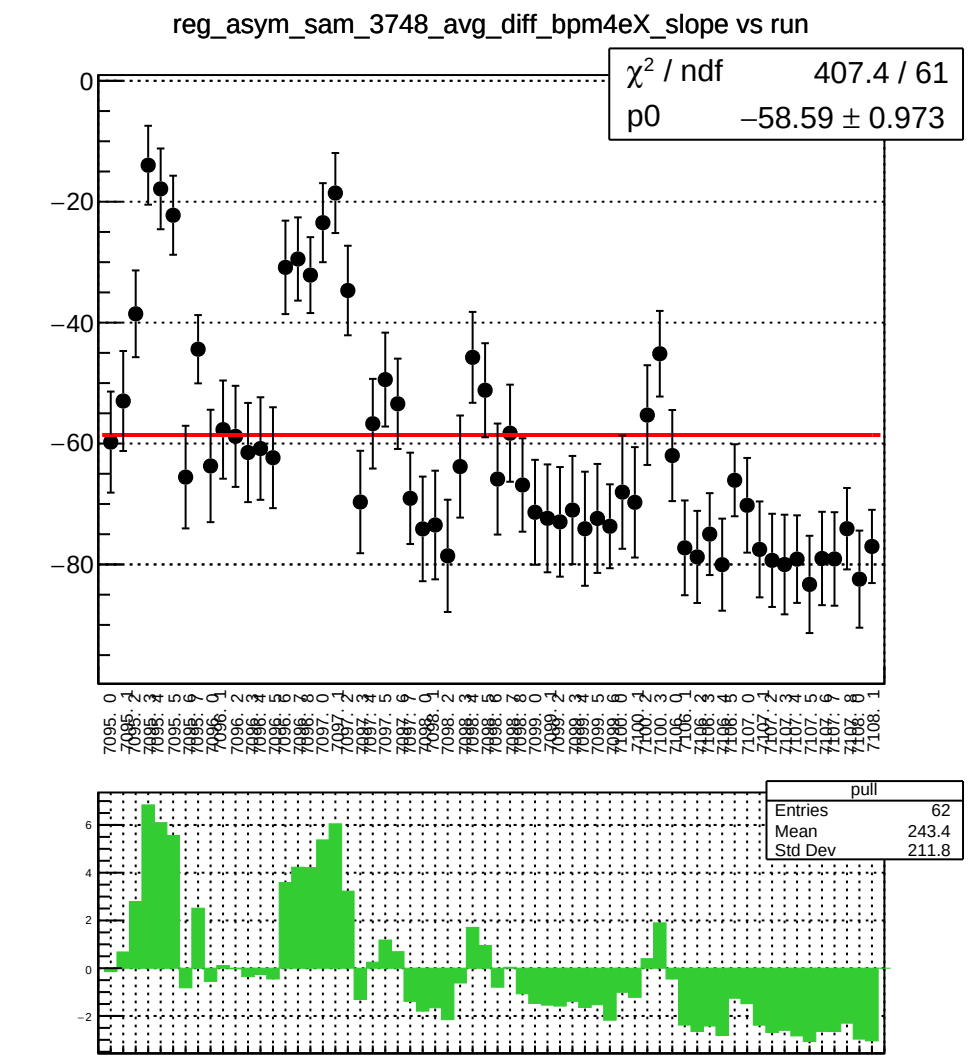

reg_asym_sam_1548_avg_diff_bpm12X_slope vs run
χ² / ndf 21.53 / 61
p0 −0.4503 ± 0.03507
pull
Entries 62
Mean −46.91
Std Dev 107.1
pull1D
Entries 62
Mean −0.01516
Std Dev 0.589

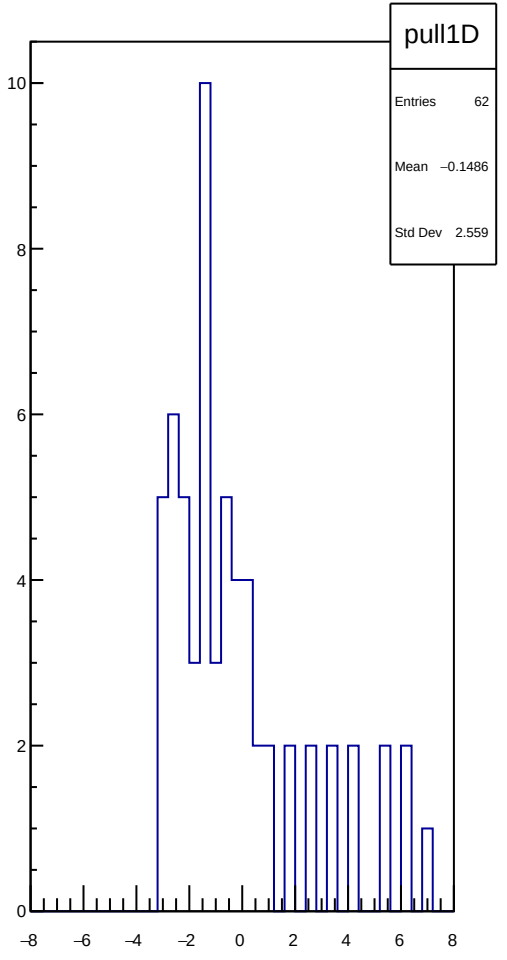

reg_asym_sam_3748_avg_diff_bpm1X_slope vs run
χ² / ndf 514.1 / 61
p0 −33.52 ± 0.9985
pull
Entries 62
Mean 270.9
Std Dev 239.5

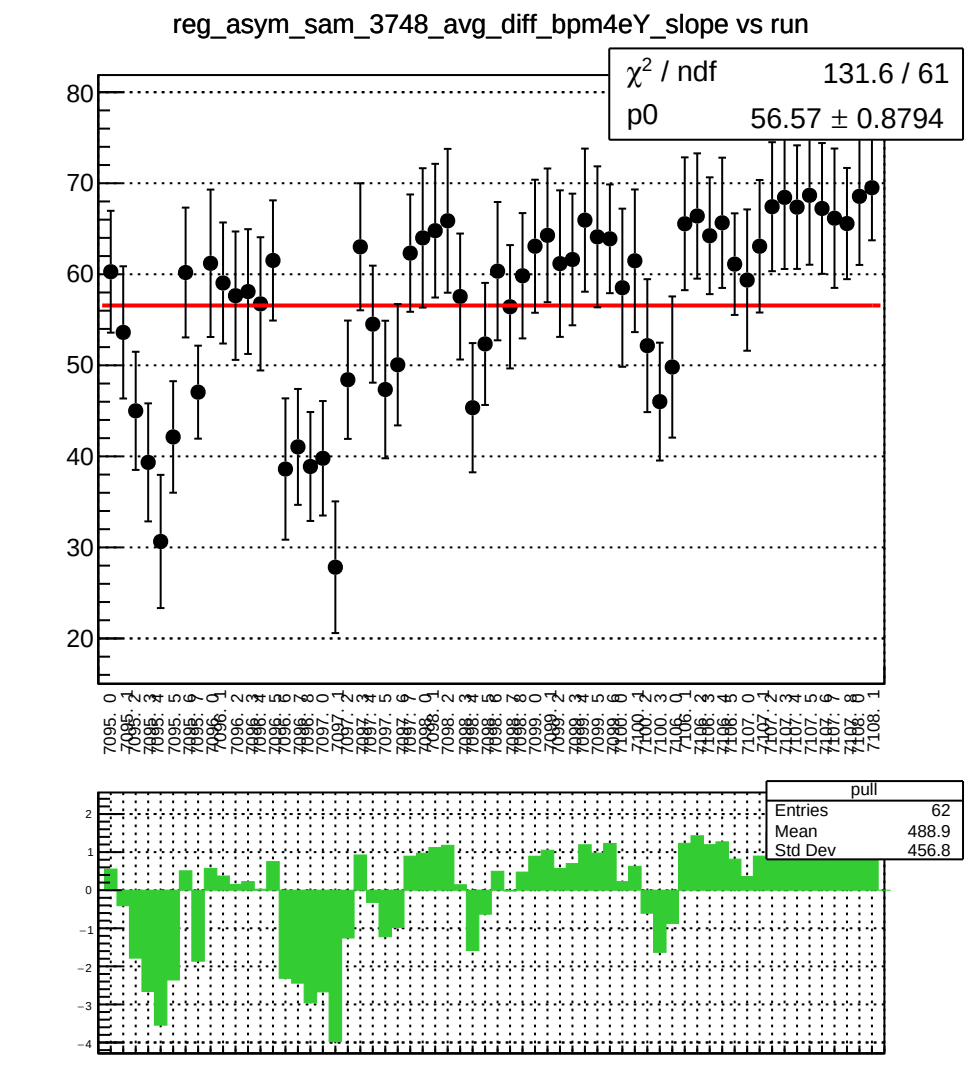

pull1D
Entries 62
Mean 0.1427
Std Dev 2.876

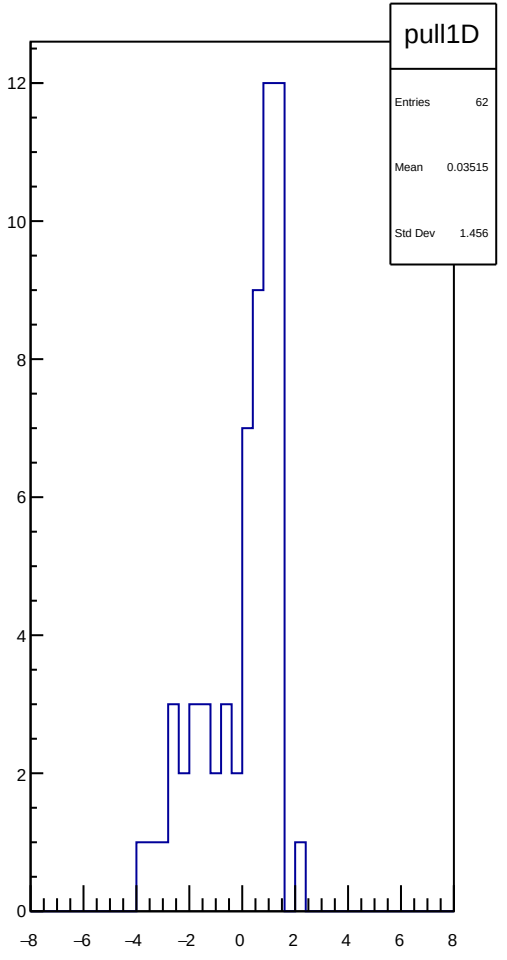

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs run
χ² / ndf 152.3 / 61
p0 4.119 ± 0.8223
pull
Entries 62
Mean 1.838e+04
Std Dev 1.835e+04

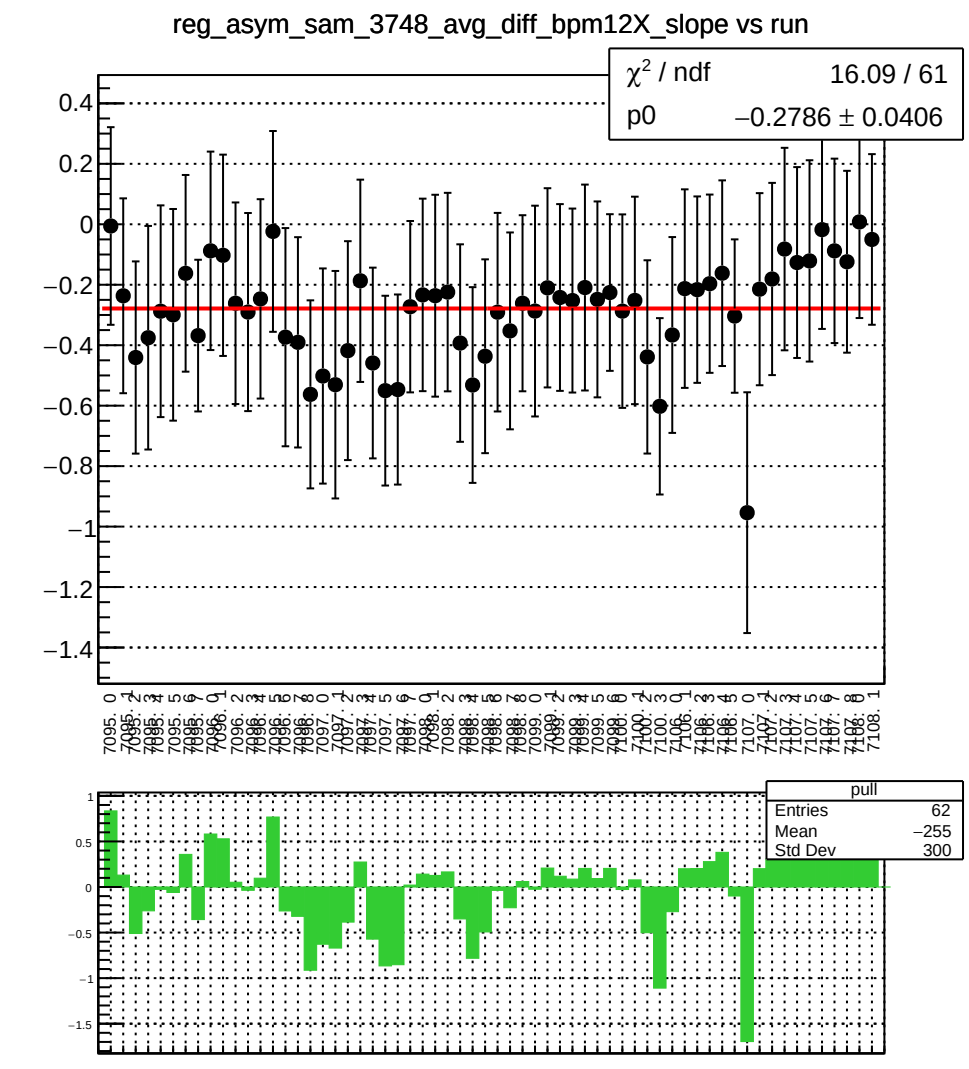

pull1D
Entries 62
Mean −0.0008993
Std Dev 1.567

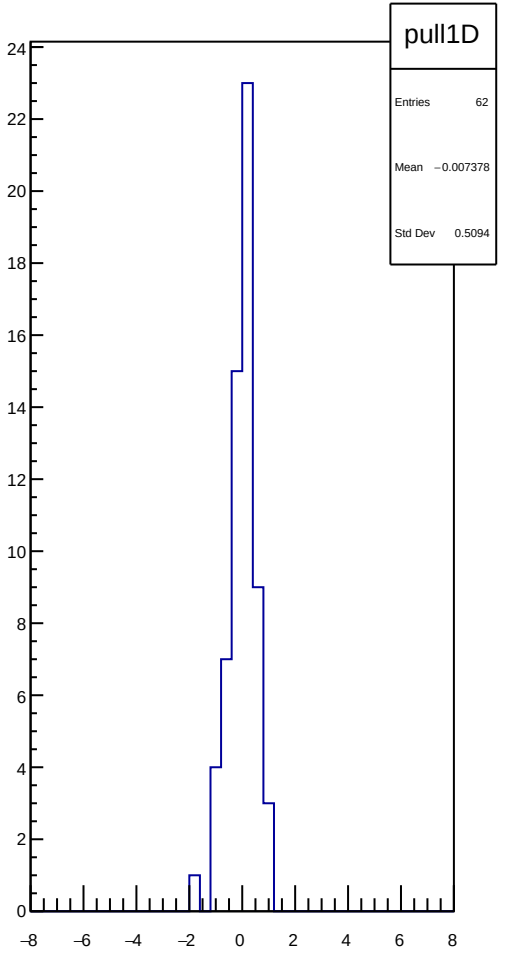

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs run
χ² / ndf 407.4 / 61
p0 −58.59 ± 0.973
pull
Entries 62
Mean 243.4
Std Dev 211.8

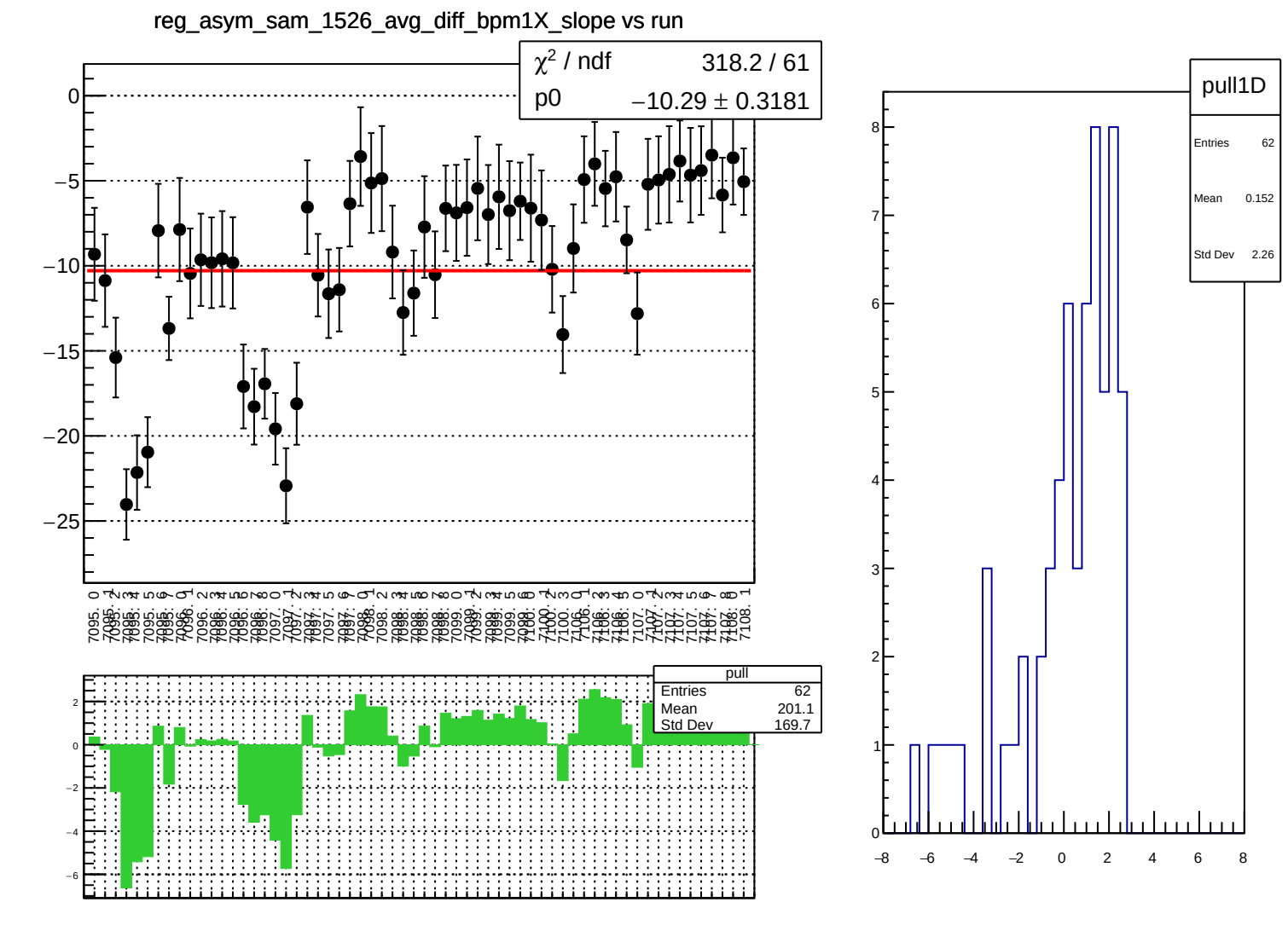

pull1D
Entries 62
Mean −0.1486
Std Dev 2.559

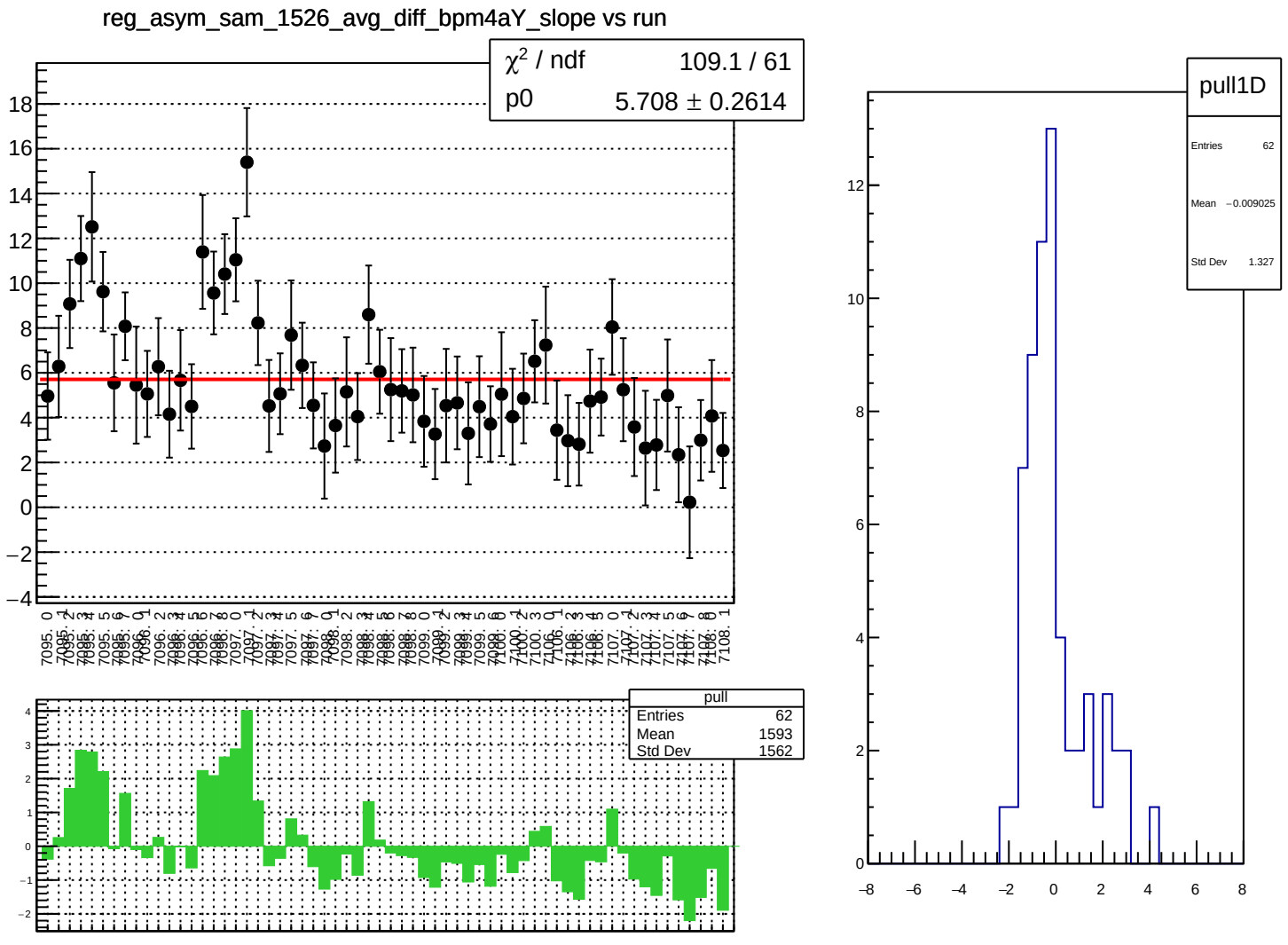

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs run
χ² / ndf 131.6 / 61
p0 56.57 ± 0.8794
pull
Entries 62
Mean 488.9
Std Dev 456.8

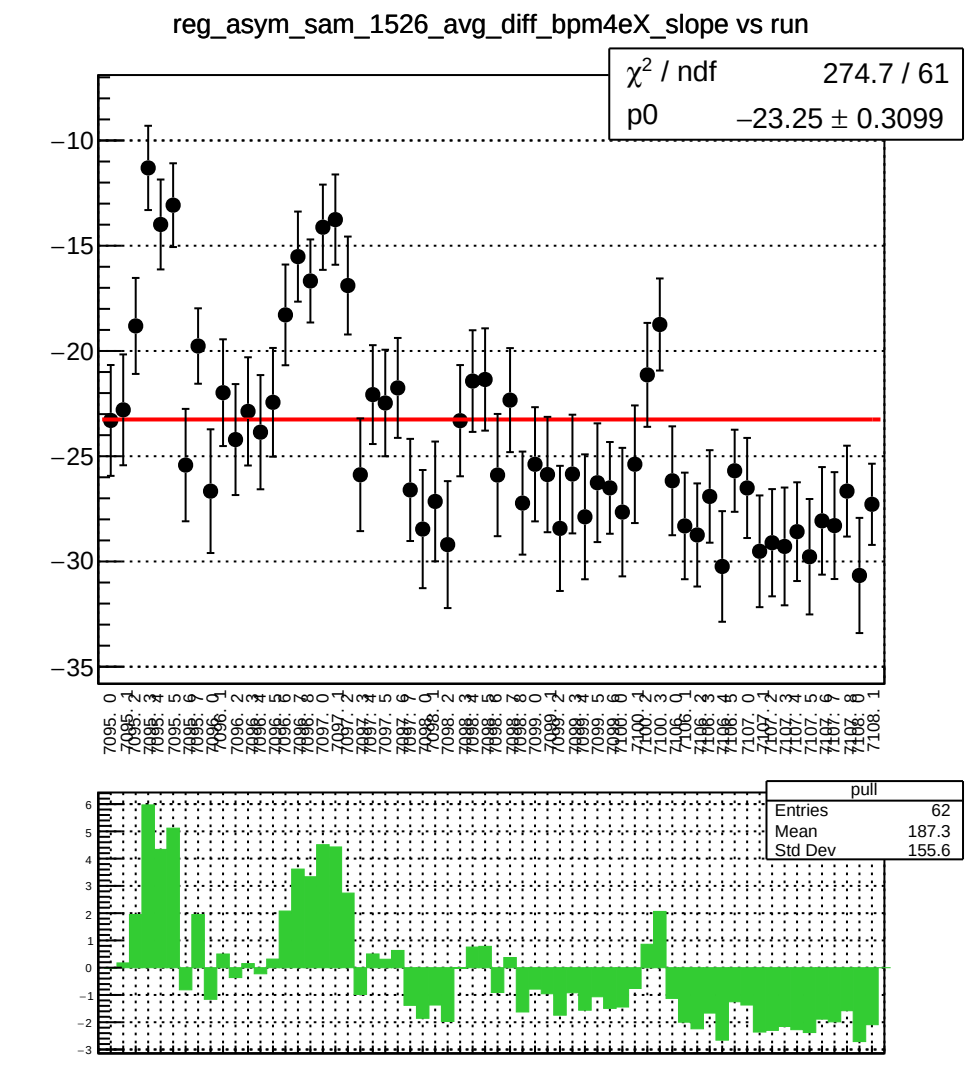

pull1D
Entries 62
Mean 0.03515
Std Dev 1.456

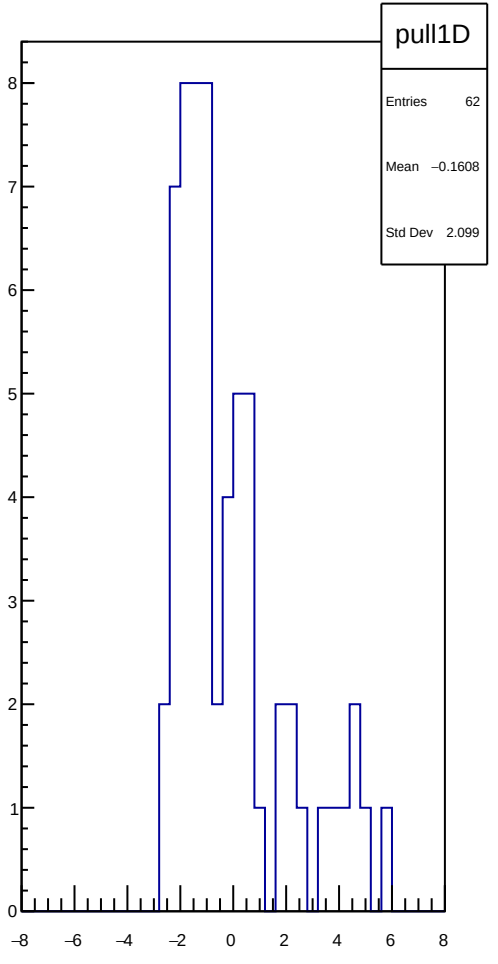

reg_asym_sam_3748_avg_diff_bpm12X_slope vs run
χ² / ndf 16.09 / 61
p0 −0.2786 ± 0.0406
pull
Entries 62
Mean −255
Std Dev 300

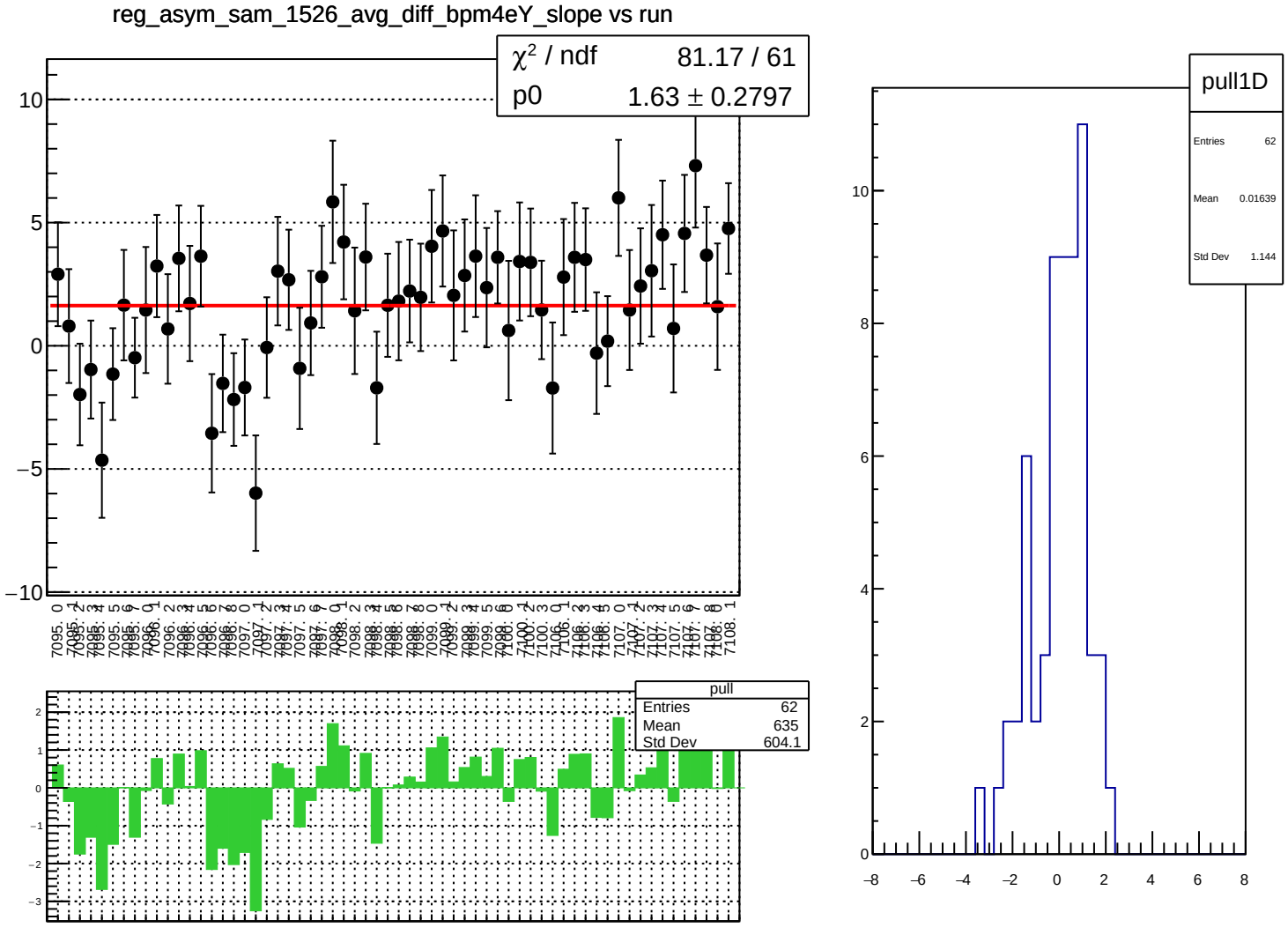

pull1D
Entries 62
Mean −0.007378
Std Dev 0.5094

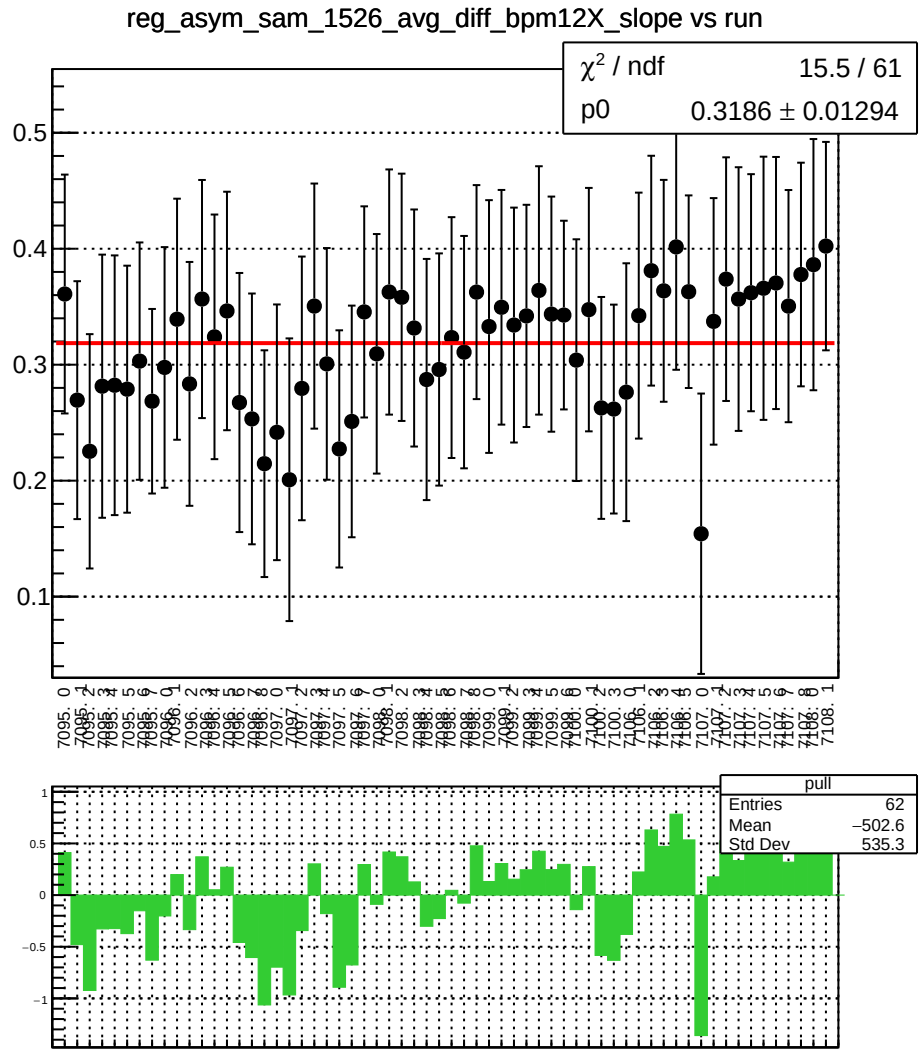

reg_asym_sam_1526_avg_diff_bpm1X_slope vs run
χ² / ndf 318.2 / 61
p0 −10.29 ± 0.3181
pull
Entries 62
Mean 201.1
Std Dev 169.7
pull1D
Entries 62
Mean 0.152
Std Dev 2.26

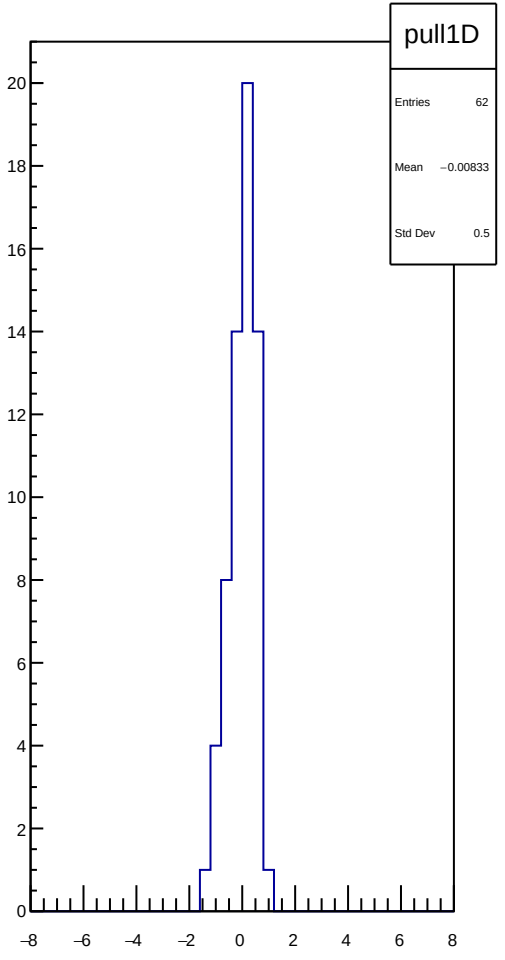

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs run
χ² / ndf 109.1 / 61
p0 5.708 ± 0.2614
pull
Entries 62
Mean 1593
Std Dev 1562
pull1D
Entries 62
Mean −0.009025
Std Dev 1.327

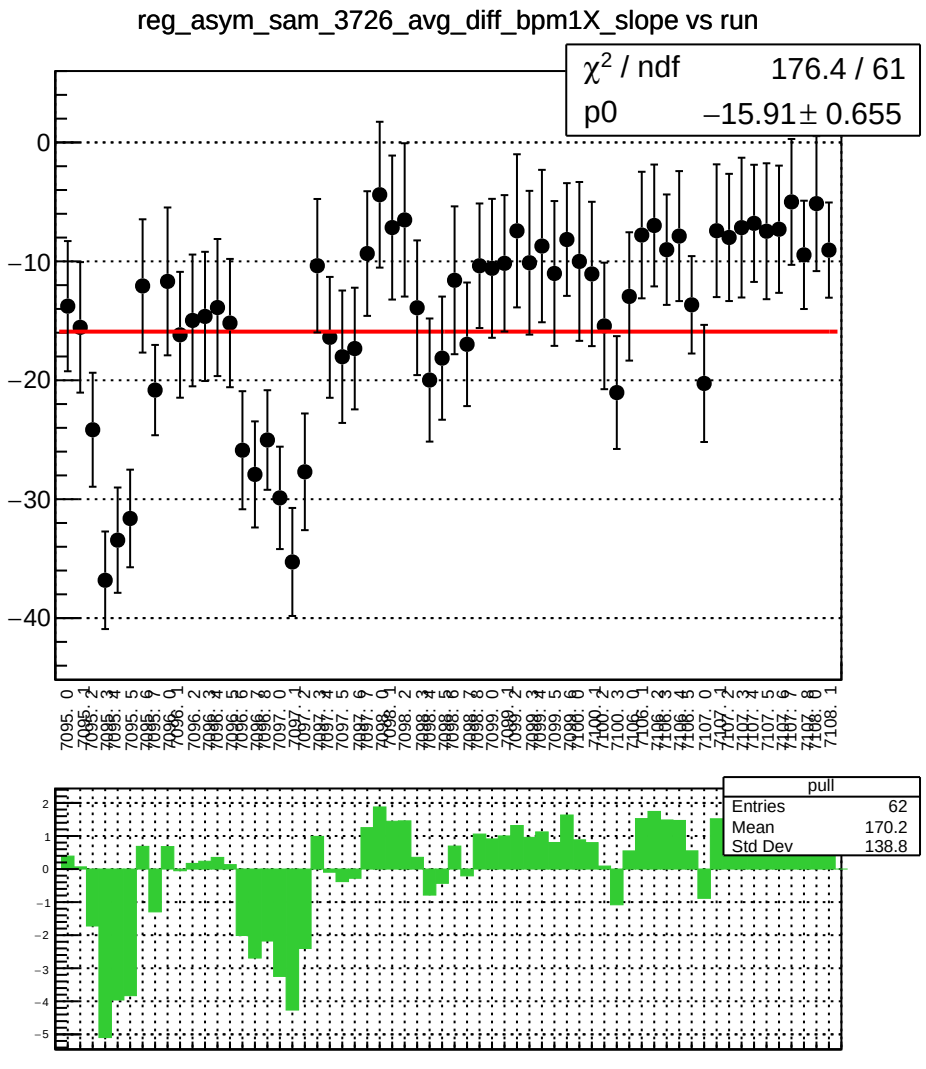

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs run
χ² / ndf 274.7 / 61
p0 −23.25 ± 0.3099
pull
Entries 62
Mean 187.3
Std Dev 155.6

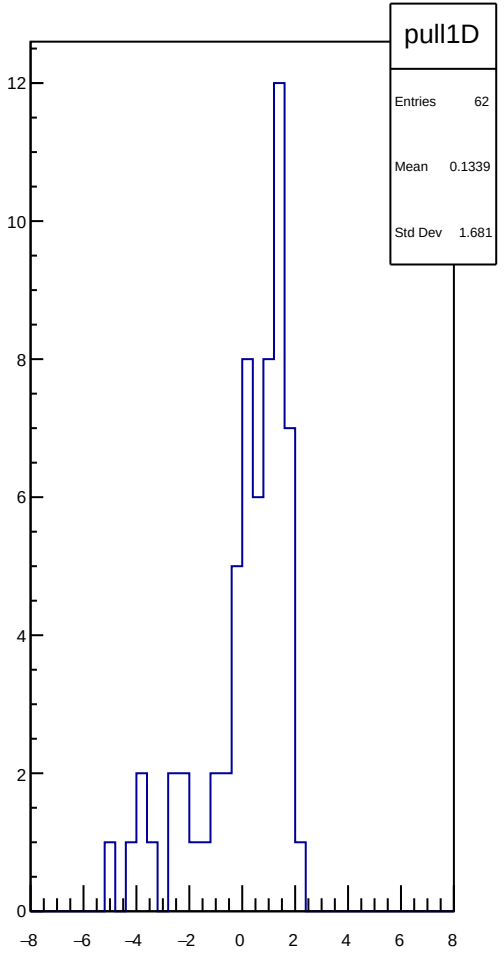

pull1D
Entries 62
Mean −0.1608
Std Dev 2.099

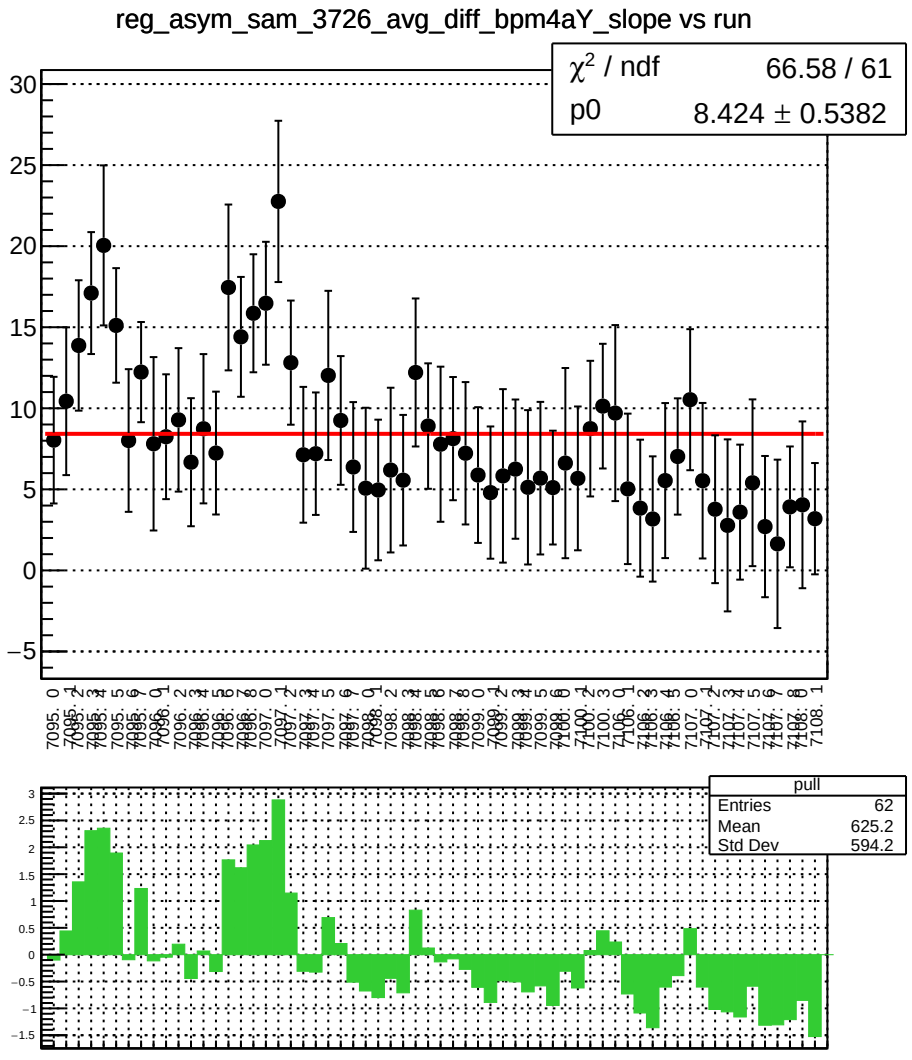

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs run
χ² / ndf 81.17 / 61
p0 1.63 ± 0.2797
pull
Entries 62
Mean 635
Std Dev 604.1
pull1D
Entries 62
Mean 0.01639
Std Dev 1.144

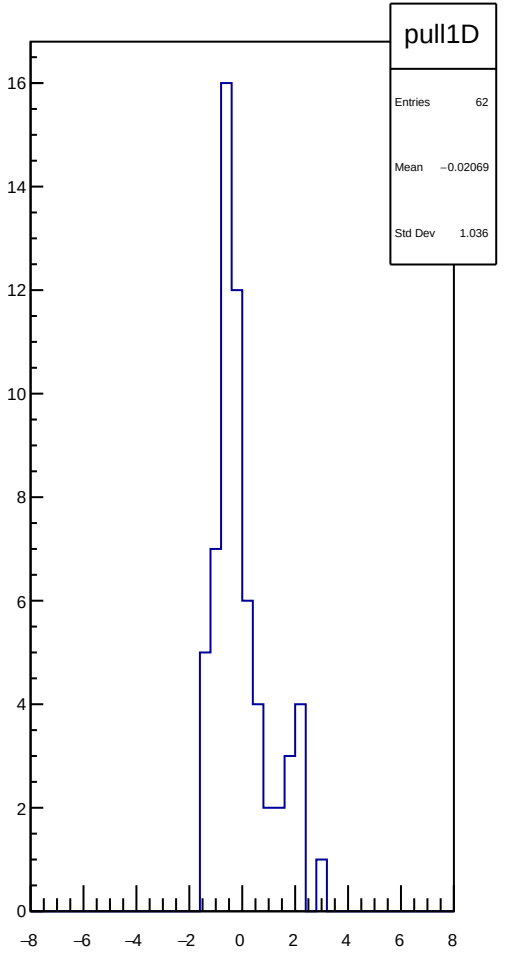

reg_asym_sam_1526_avg_diff_bpm12X_slope vs run
χ² / ndf 15.5 / 61
p0 0.3186 ± 0.01294
pull
Entries 62
Mean −502.6
Std Dev 535.3

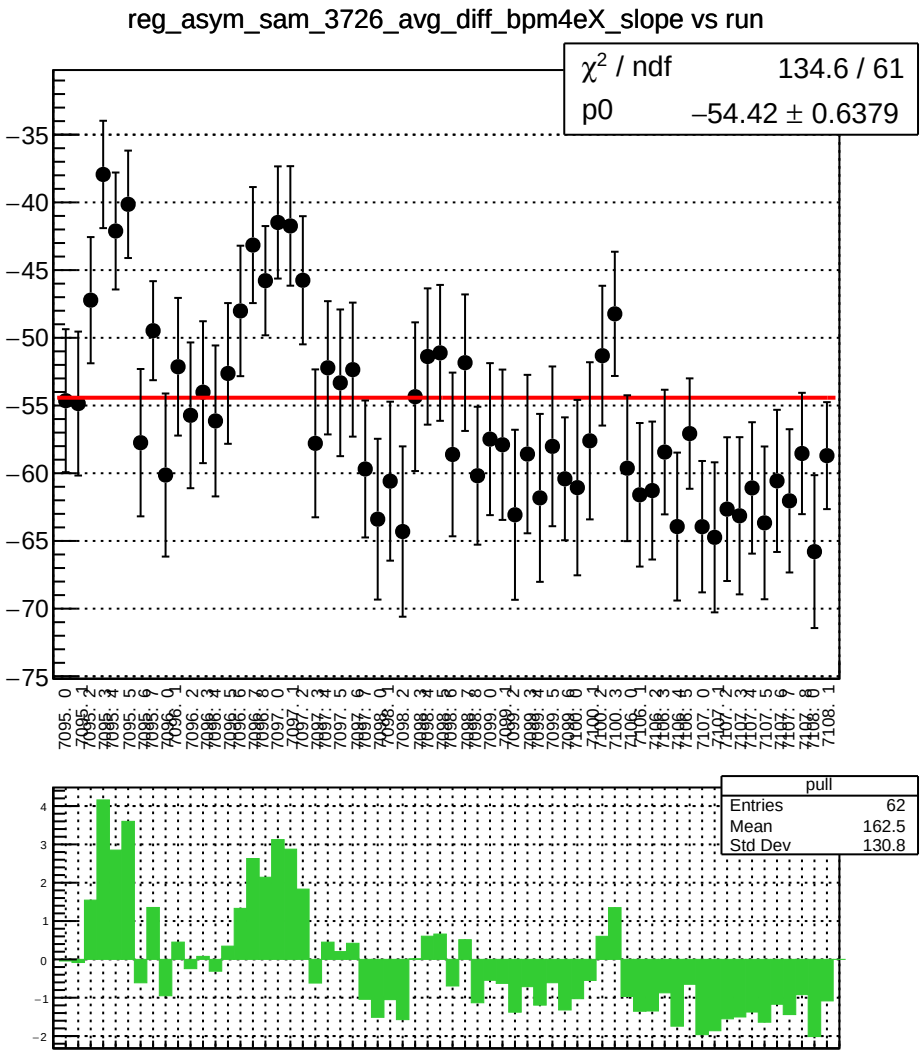

pull1D
Entries 62
Mean −0.00833
Std Dev 0.5

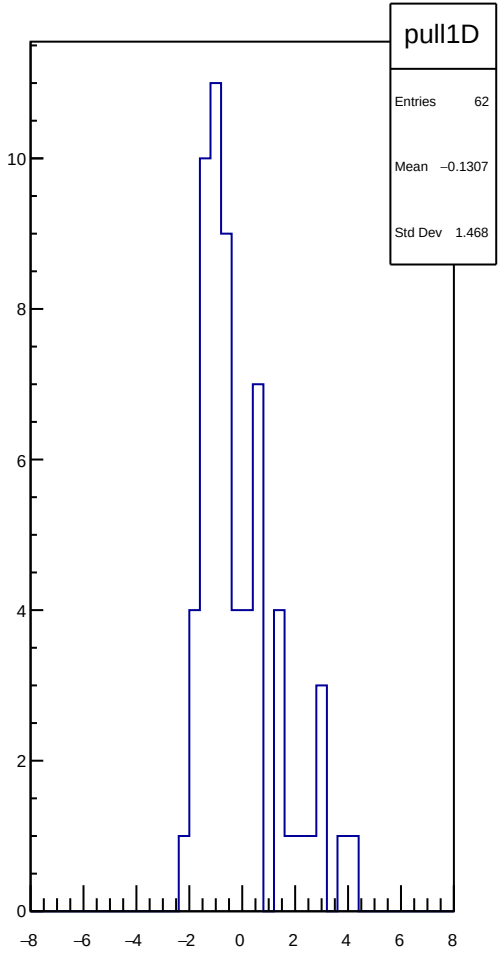

reg_asym_sam_3726_avg_diff_bpm1X_slope vs run
χ² / ndf 176.4 / 61
p0 −15.91 ± 0.655
pull
Entries 62
Mean 170.2
Std Dev 138.8

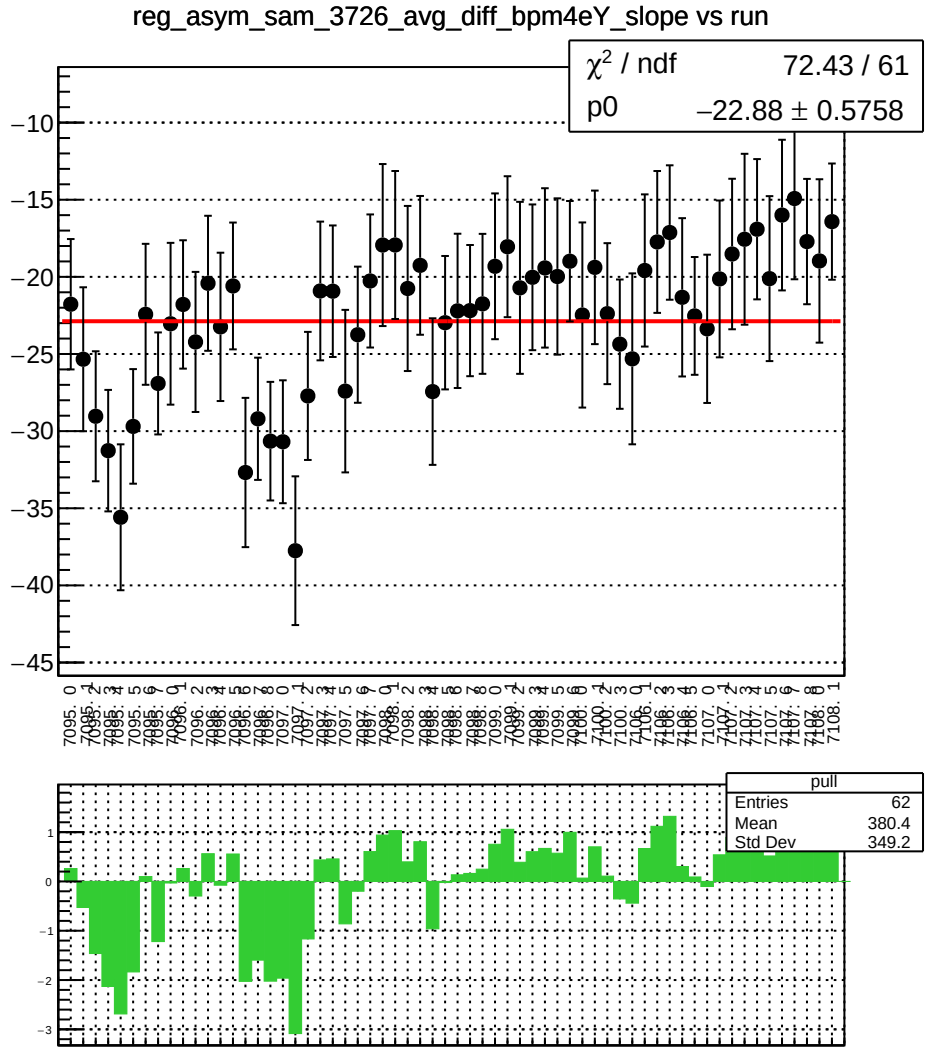

pull1D
Entries 62
Mean 0.1339
Std Dev 1.681

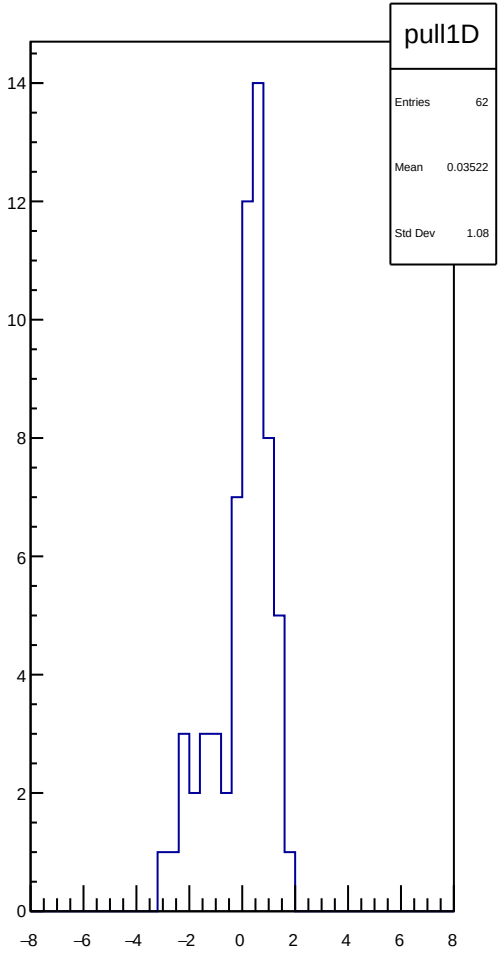

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs run
χ² / ndf 66.58 / 61
p0 8.424 ± 0.5382
pull
Entries 62
Mean 625.2
Std Dev 594.2

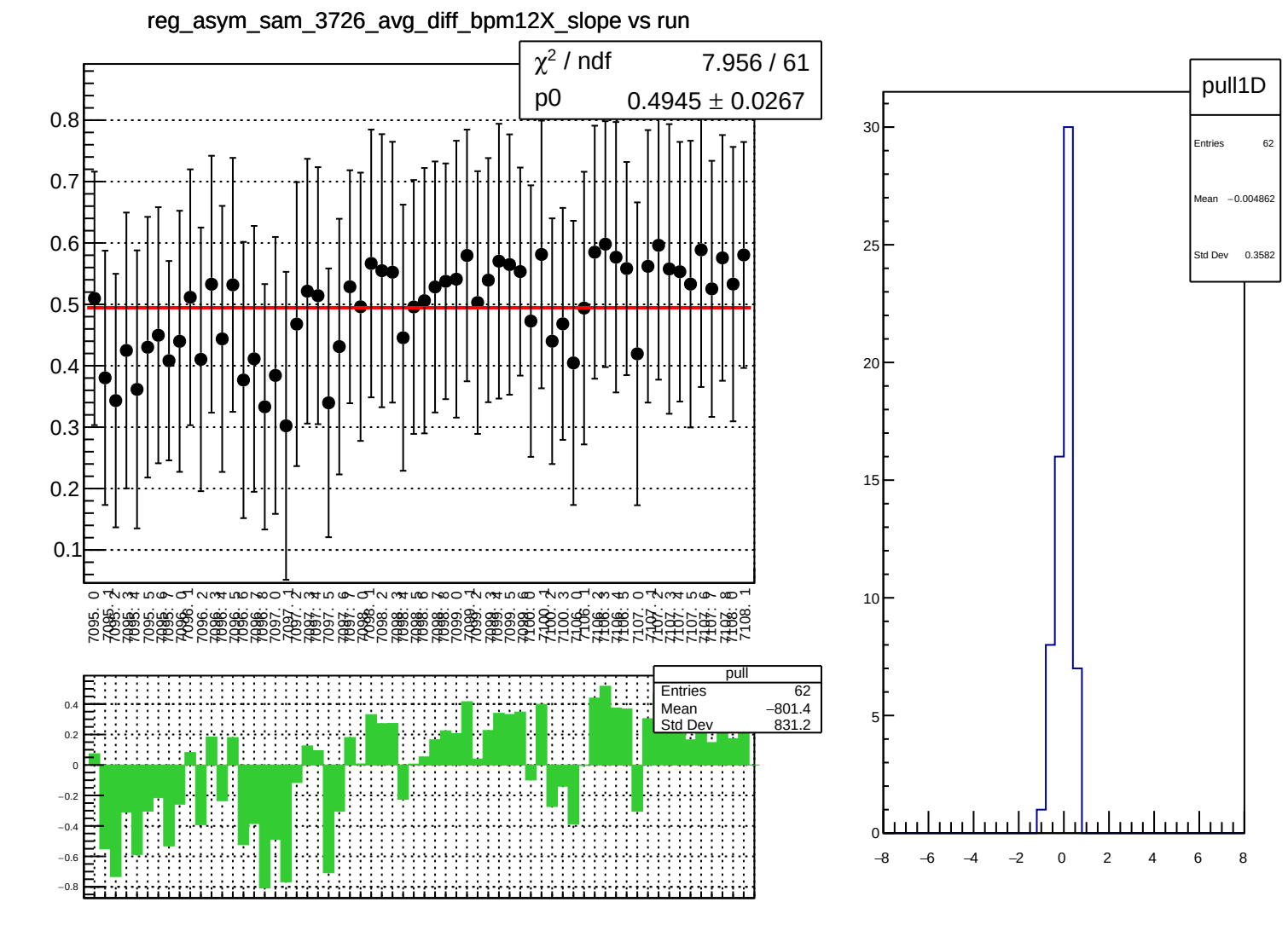

pull1D
Entries 62
Mean −0.02069
Std Dev 1.036

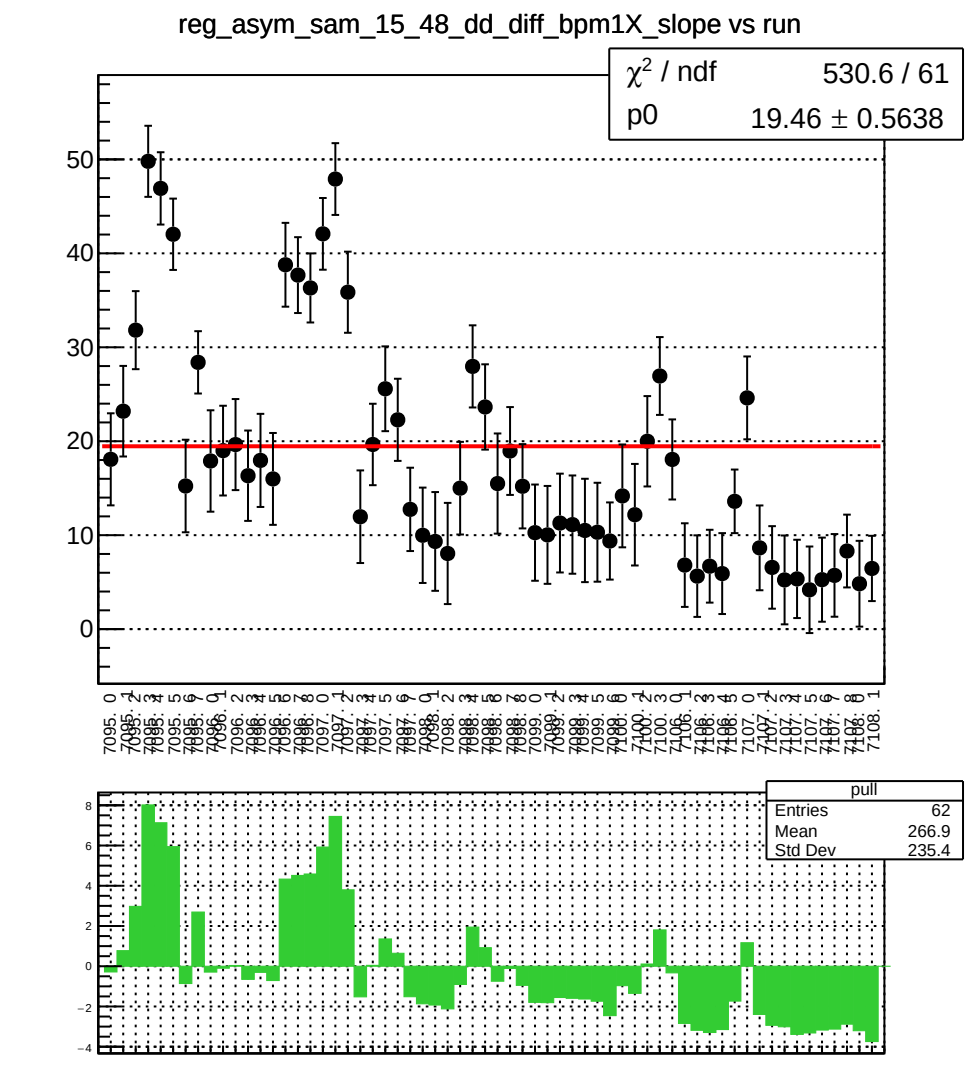

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs run
χ² / ndf 134.6 / 61
p0 −54.42 ± 0.6379
pull
Entries 62
Mean 162.5
Std Dev 130.8

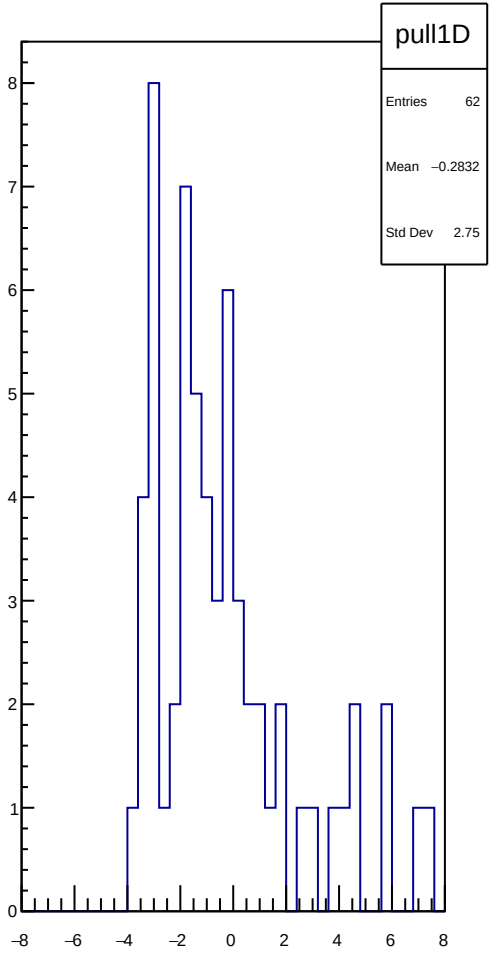

pull1D
Entries 62
Mean −0.1307
Std Dev 1.468

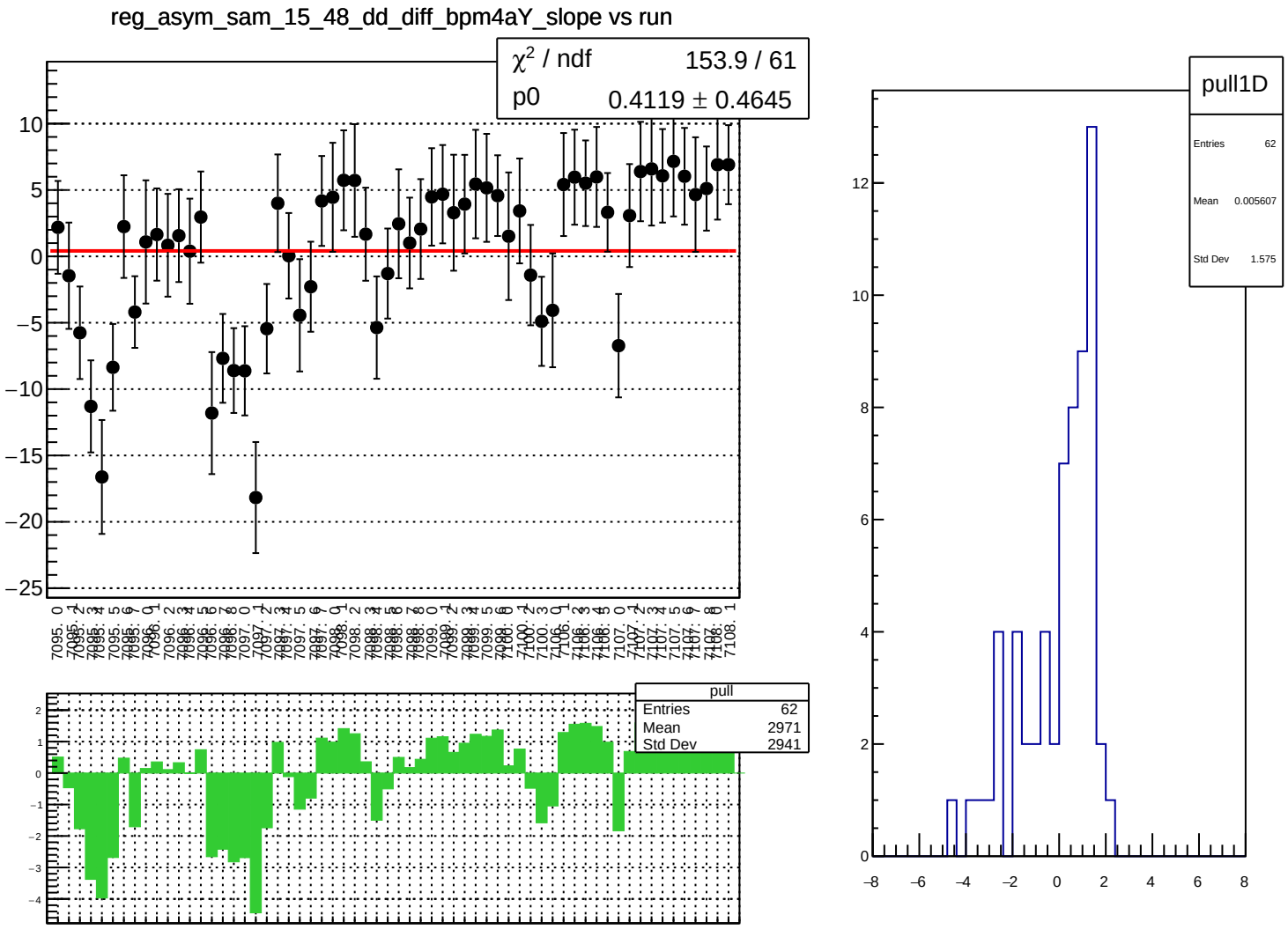

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs run
χ² / ndf 72.43 / 61
p0 −22.88 ± 0.5758
pull
Entries 62
Mean 380.4
Std Dev 349.2

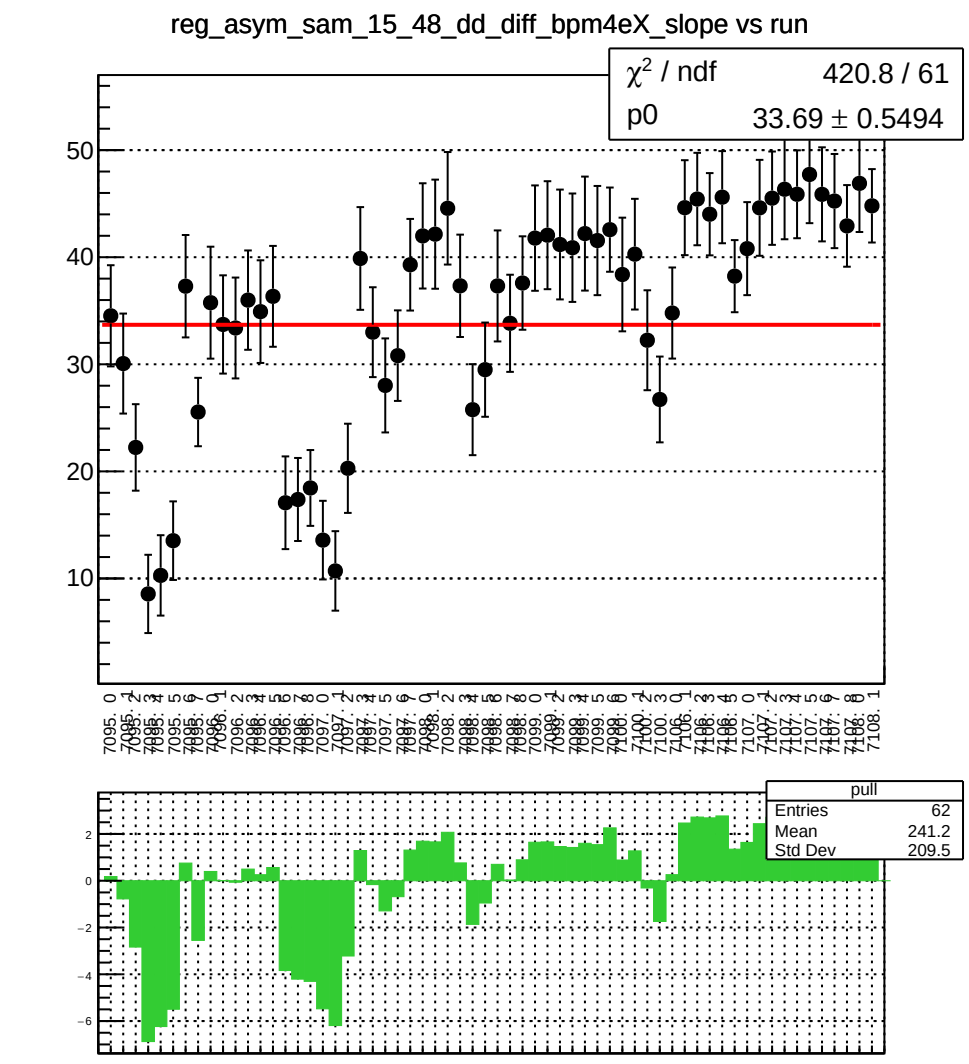

pull1D
Entries 62
Mean 0.03522
Std Dev 1.08

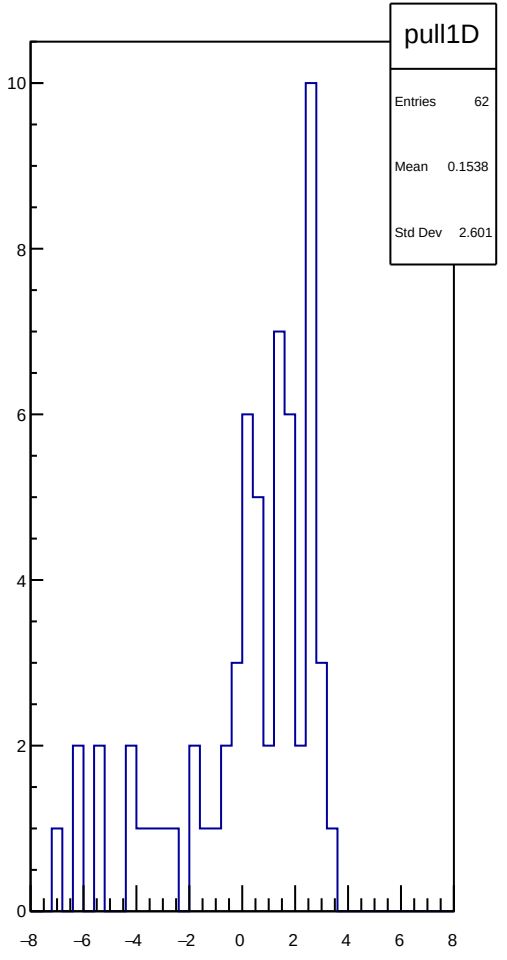

reg_asym_sam_3726_avg_diff_bpm12X_slope vs run
χ² / ndf 7.956 / 61
p0 0.4945 ± 0.0267
pull
Entries 62
Mean −801.4
Std Dev 831.2
pull1D
Entries 62
Mean −0.004862
Std Dev 0.3582

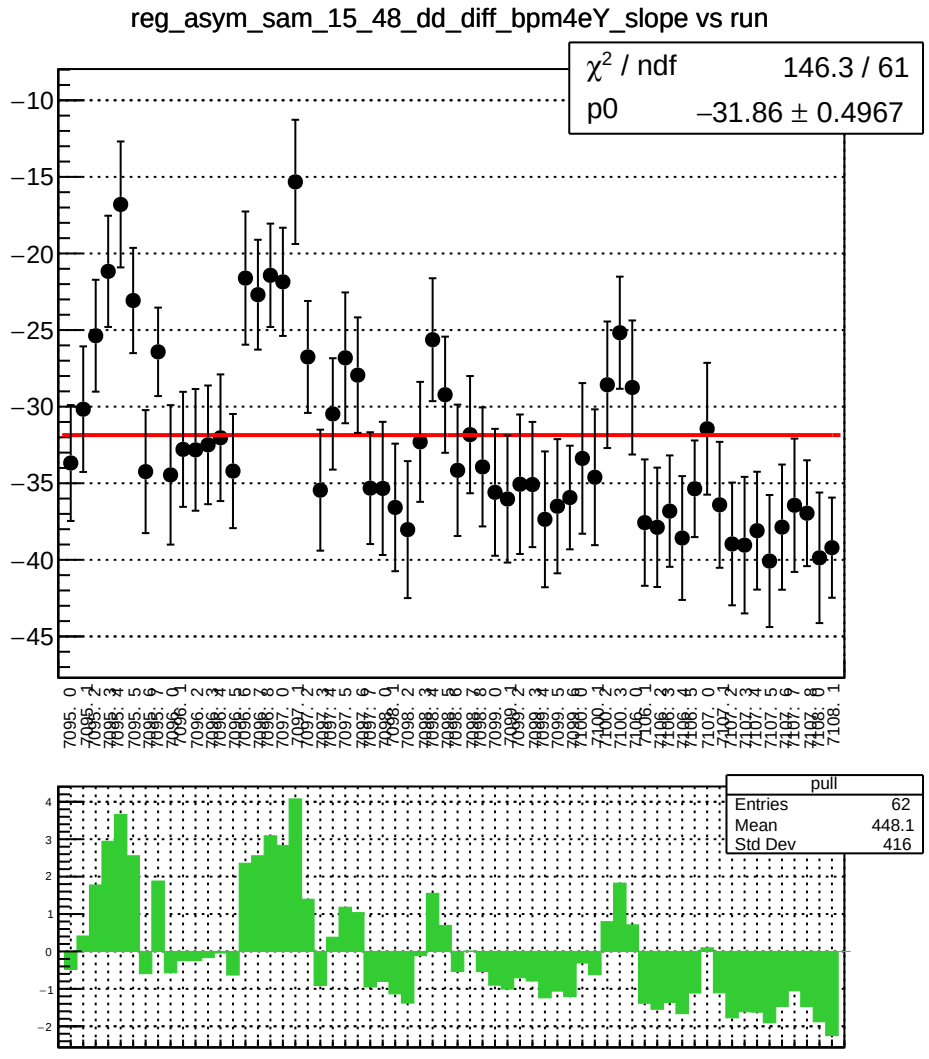

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs run
χ² / ndf 530.6 / 61
p0 19.46 ± 0.5638
pull
Entries 62
Mean 266.9
Std Dev 235.4

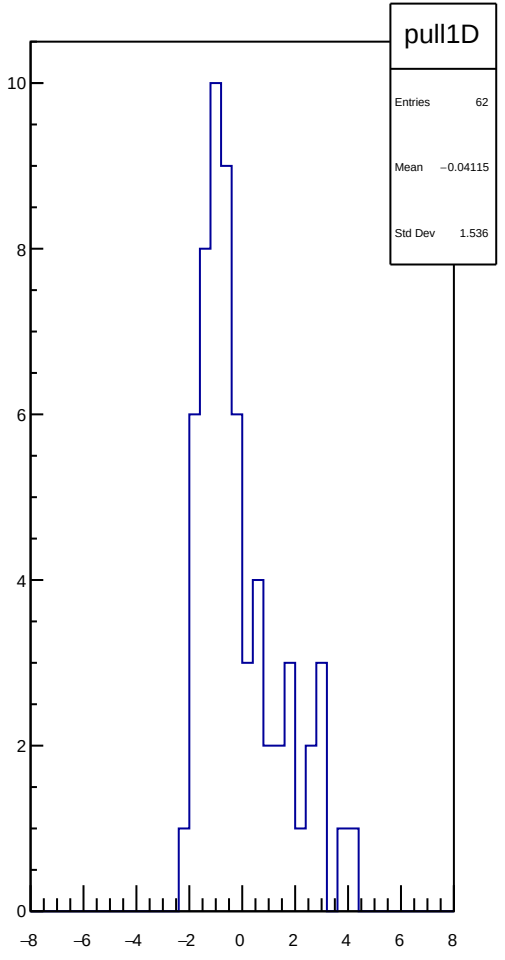

pull1D
Entries 62
Mean −0.2832
Std Dev 2.75

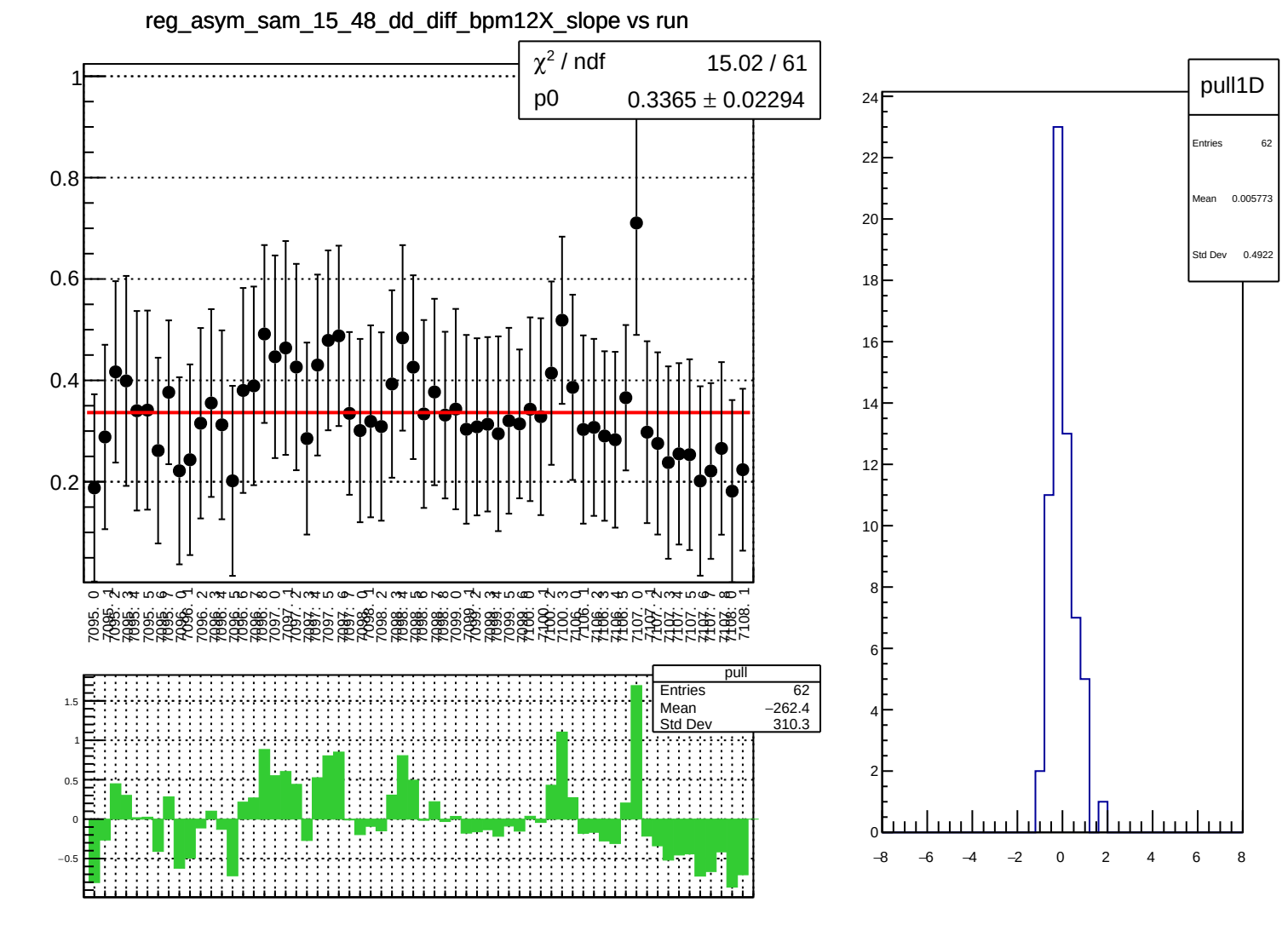

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 153.9 / 61
p0 0.4119 ± 0.4645
pull
Entries 62
Mean 2971
Std Dev 2941
pull1D
Entries 62
Mean 0.005607
Std Dev 1.575

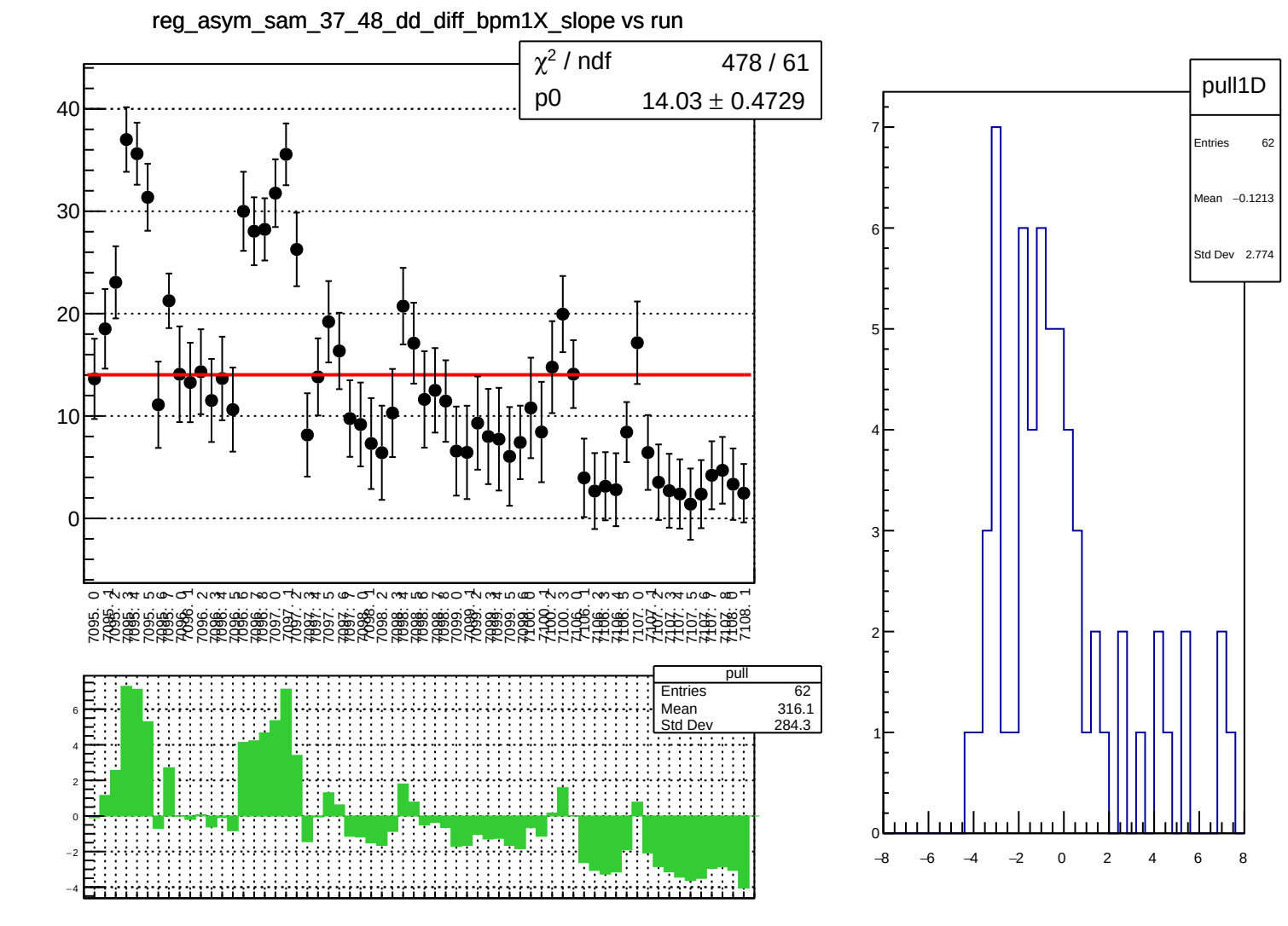

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 420.8 / 61
p0 33.69 ± 0.5494
pull
Entries 62
Mean 241.2
Std Dev 209.5

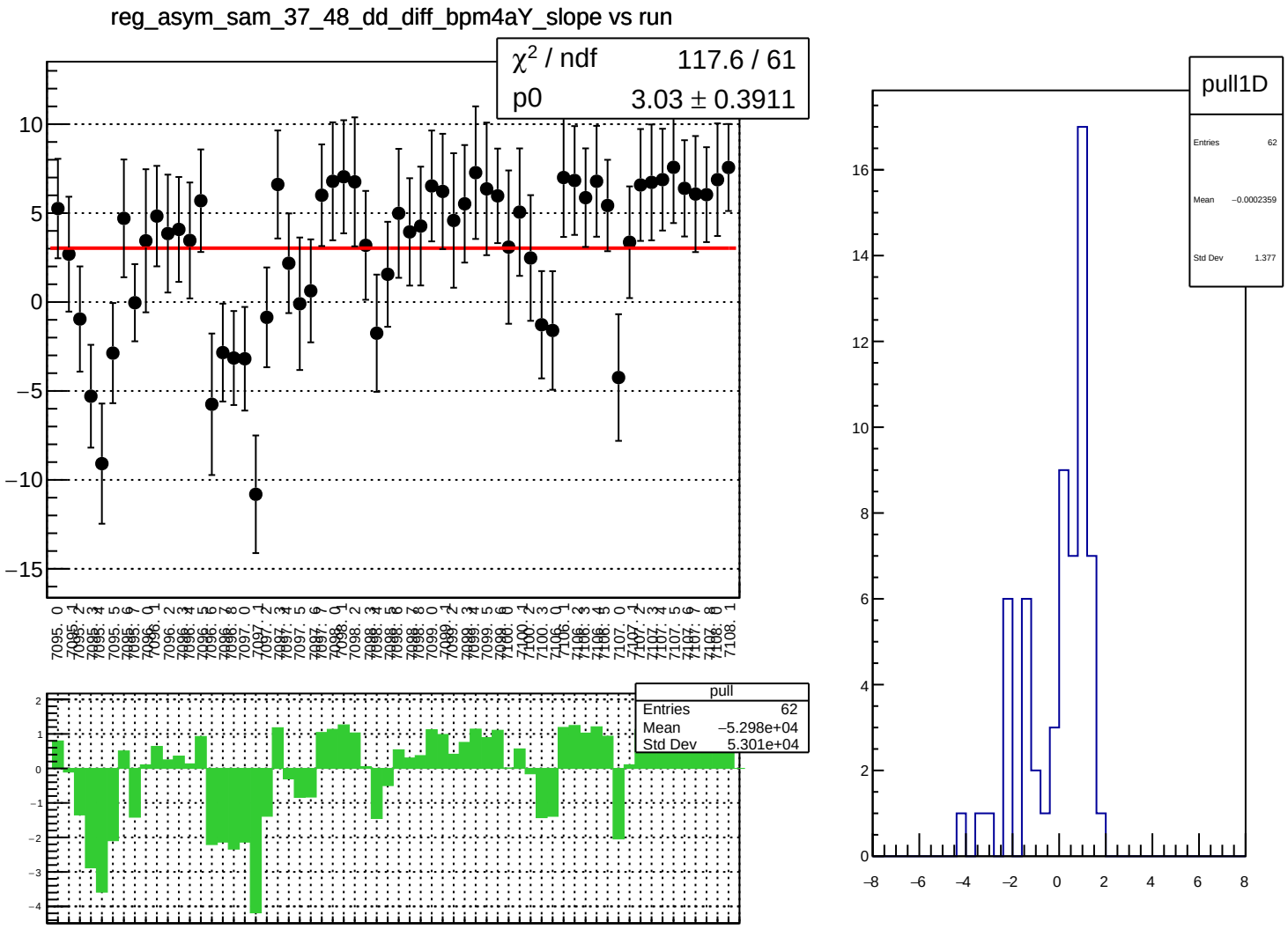

pull1D
Entries 62
Mean 0.1538
Std Dev 2.601

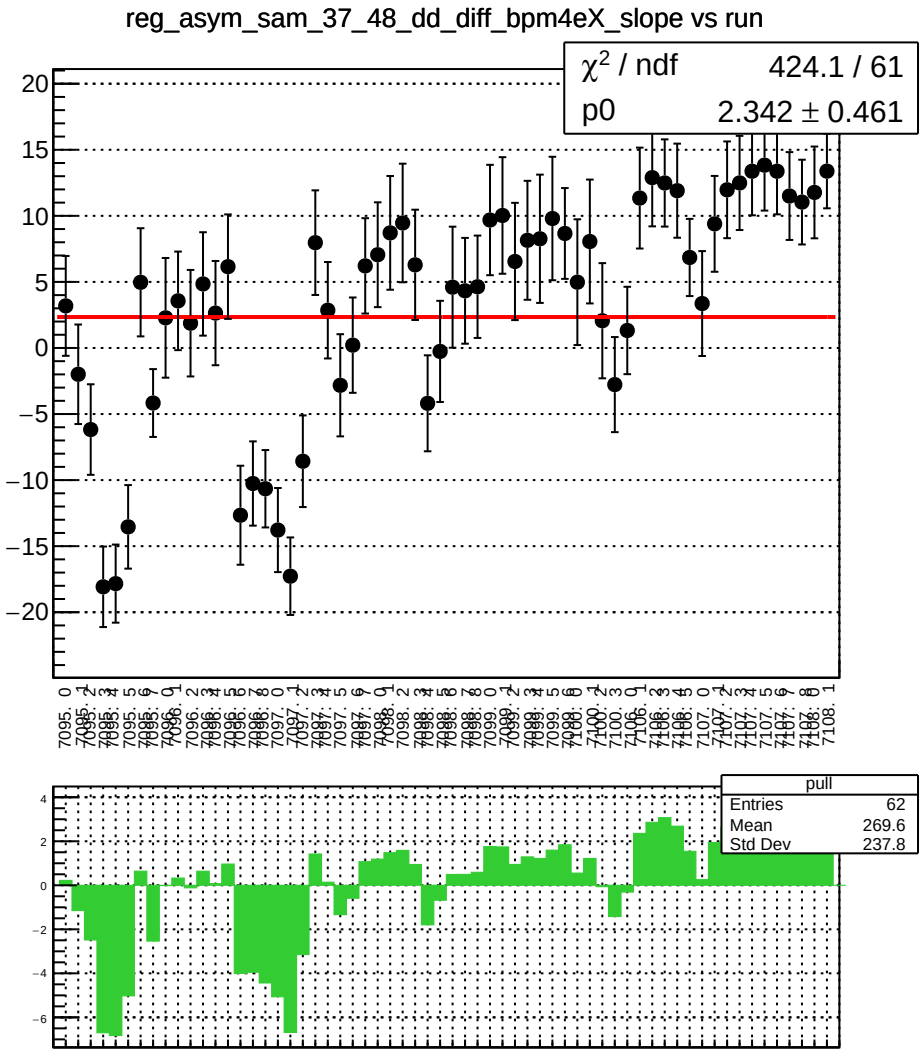

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 146.3 / 61
p0 −31.86 ± 0.4967
pull
Entries 62
Mean 448.1
Std Dev 416

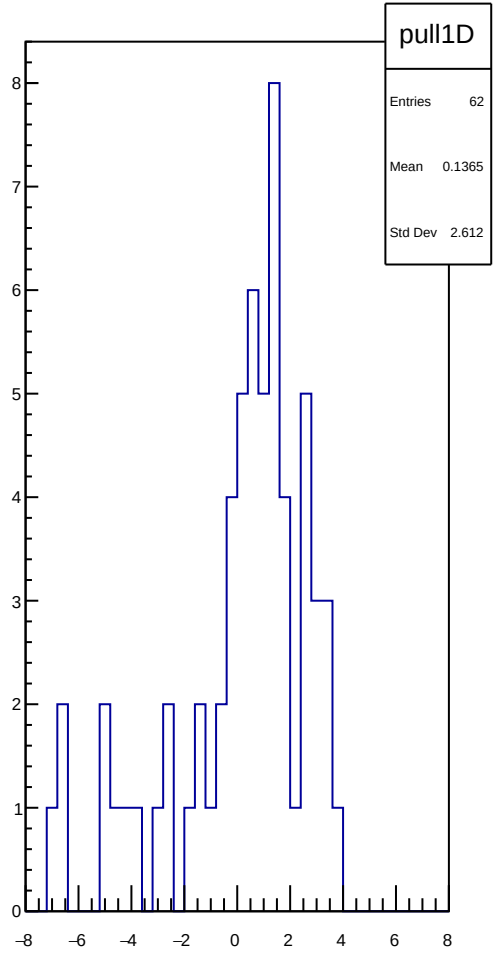

pull1D
Entries 62
Mean −0.04115
Std Dev 1.536

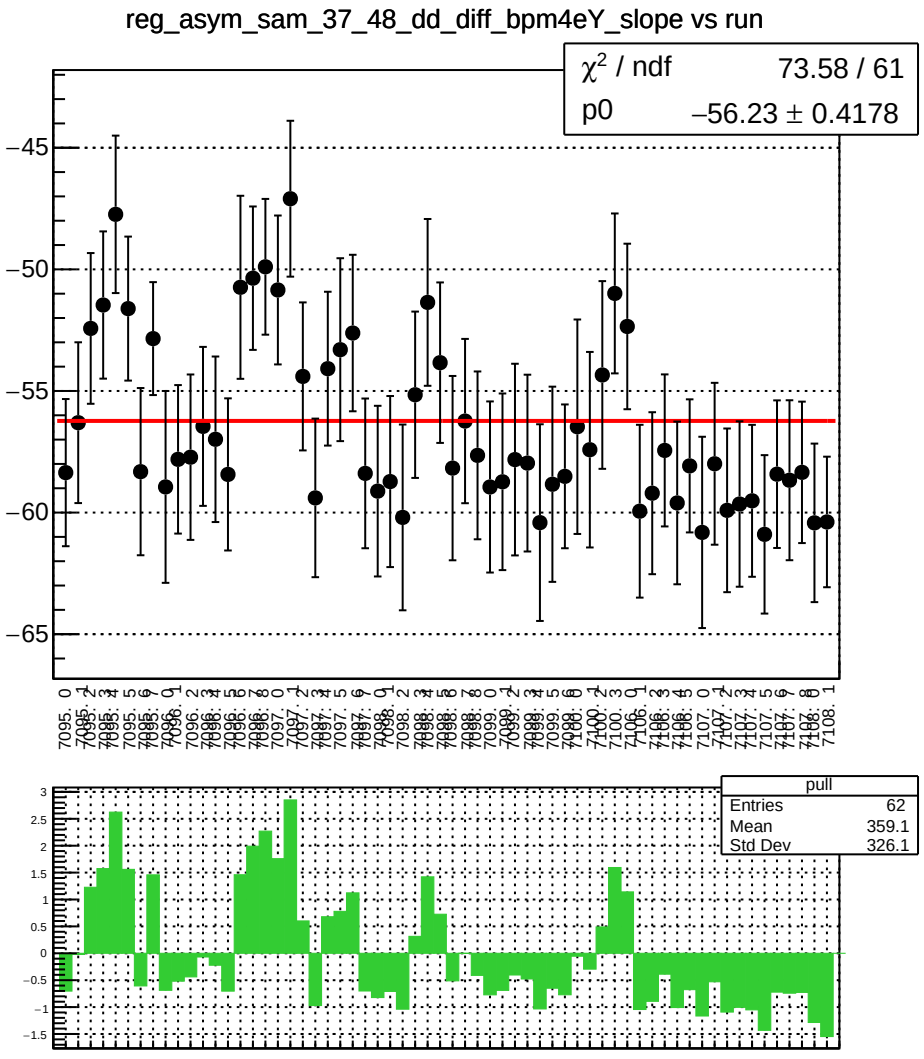

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs run
χ² / ndf 15.02 / 61
p0 0.3365 ± 0.02294
pull
Entries 62
Mean −262.4
Std Dev 310.3
pull1D
Entries 62
Mean 0.005773
Std Dev 0.4922

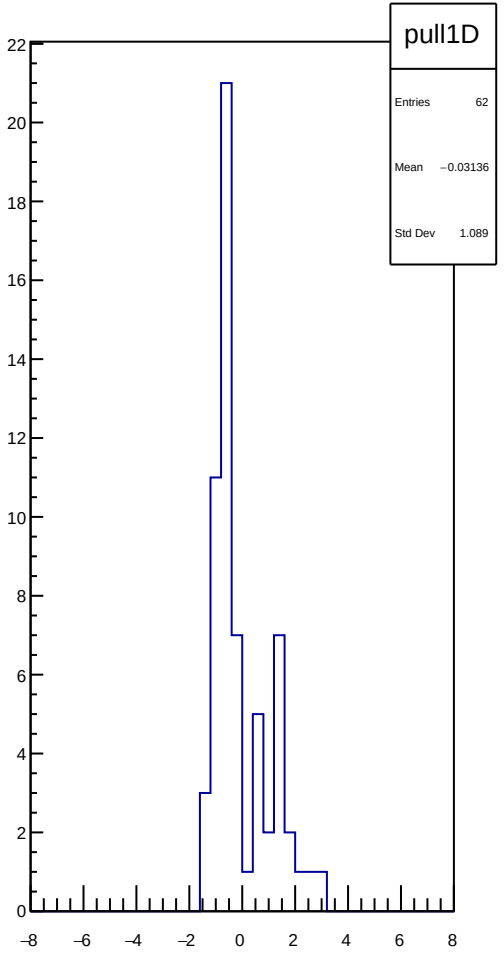

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs run
χ² / ndf 478 / 61
p0 14.03 ± 0.4729
pull
Entries 62
Mean 316.1
Std Dev 284.3
pull1D
Entries 62
Mean −0.1213
Std Dev 2.774

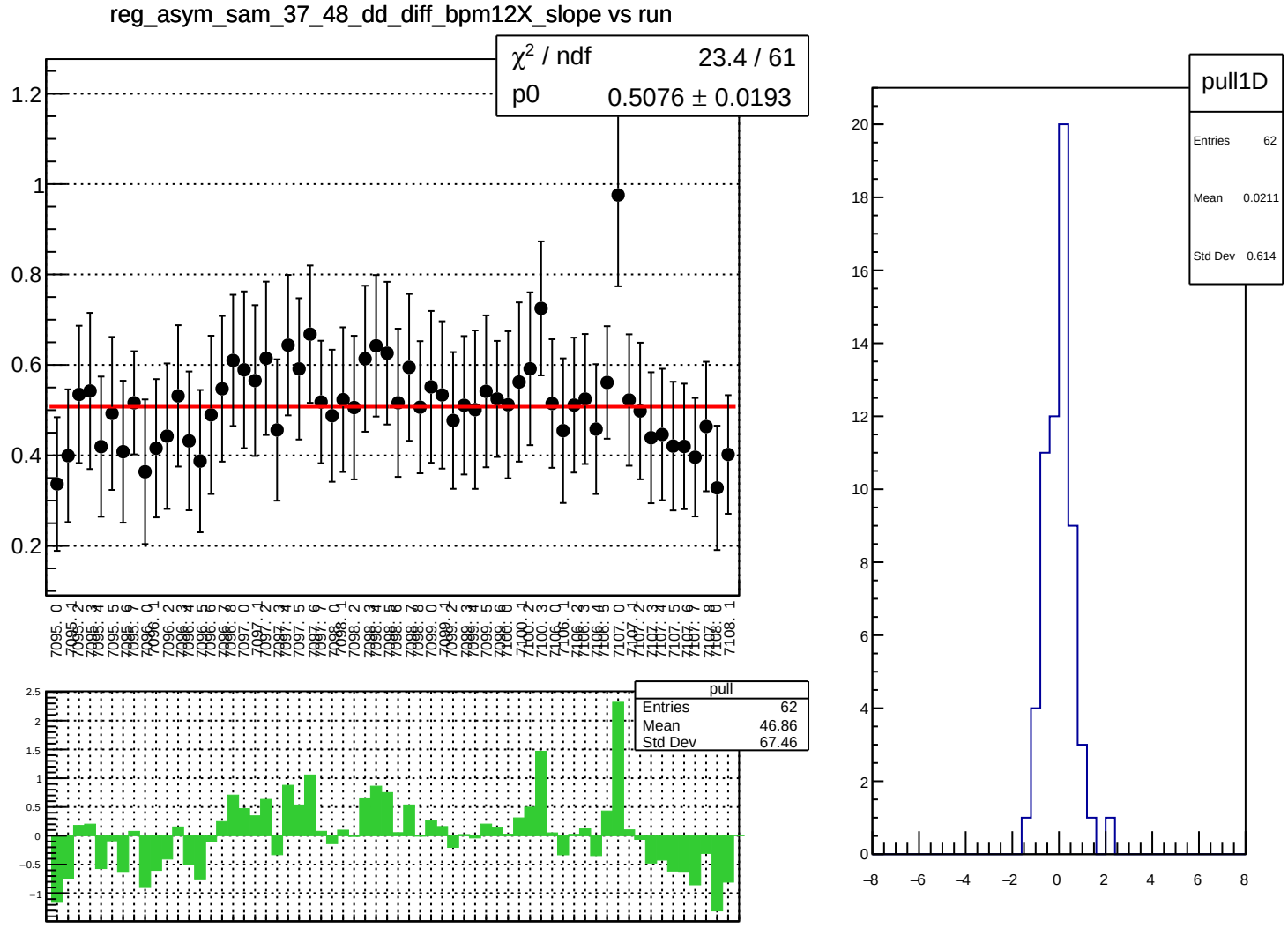

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 117.6 / 61
p0 3.03 ± 0.3911
pull
Entries 62
Mean −5.298e+04
Std Dev 5.301e+04
pull1D
Entries 62
Mean −0.0002359
Std Dev 1.377

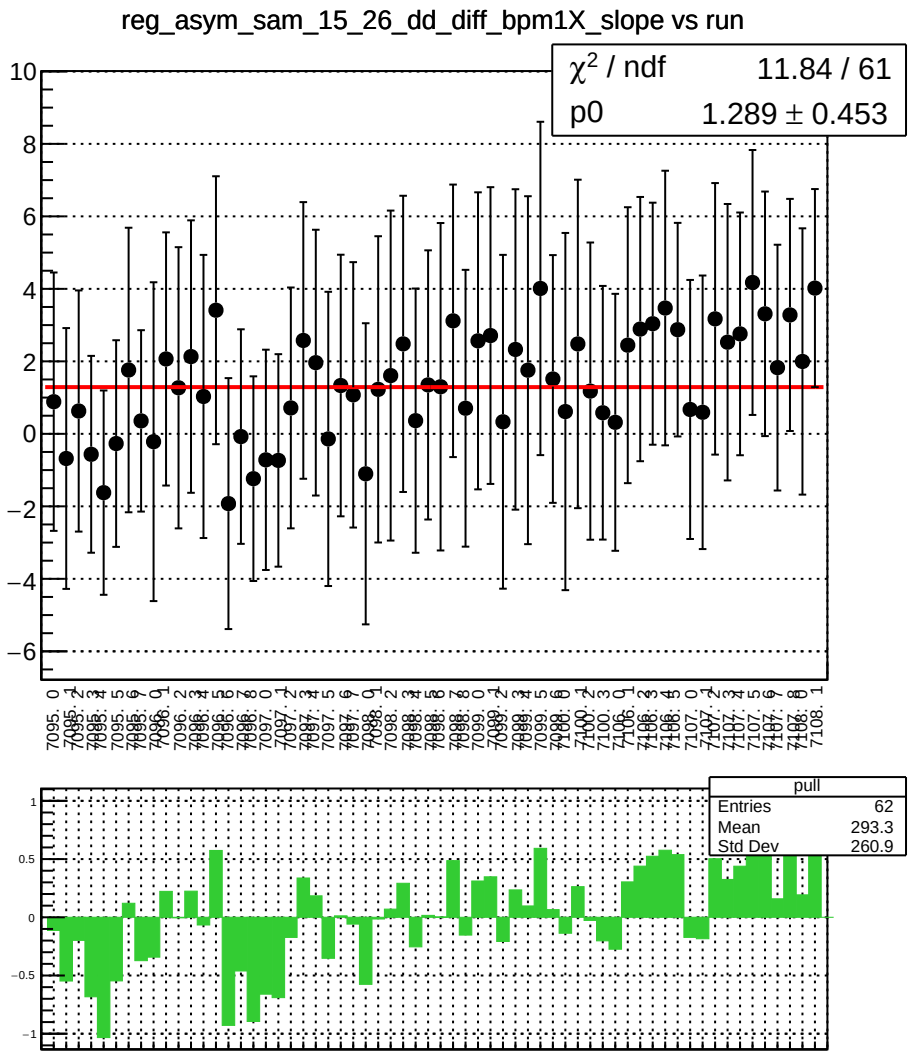

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 424.1 / 61
p0 2.342 ± 0.461
pull
Entries 62
Mean 269.6
Std Dev 237.8

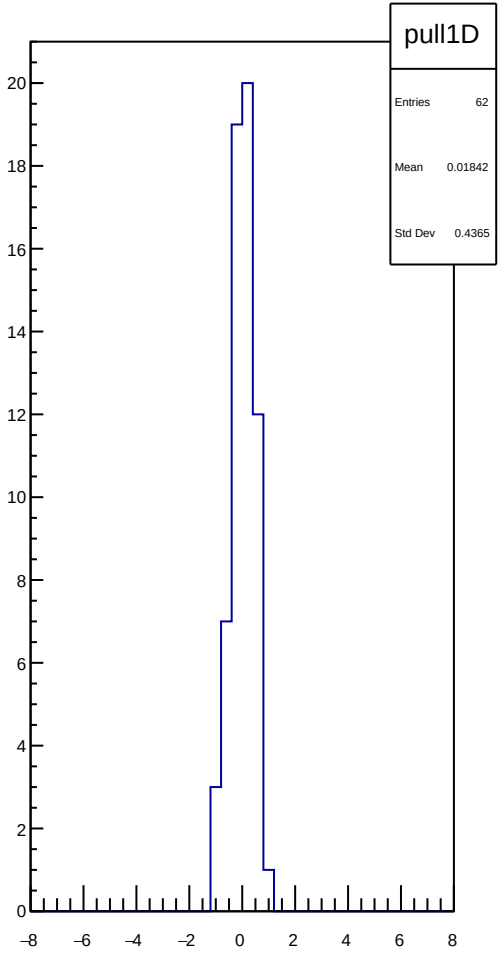

pull1D
Entries 62
Mean 0.1365
Std Dev 2.612

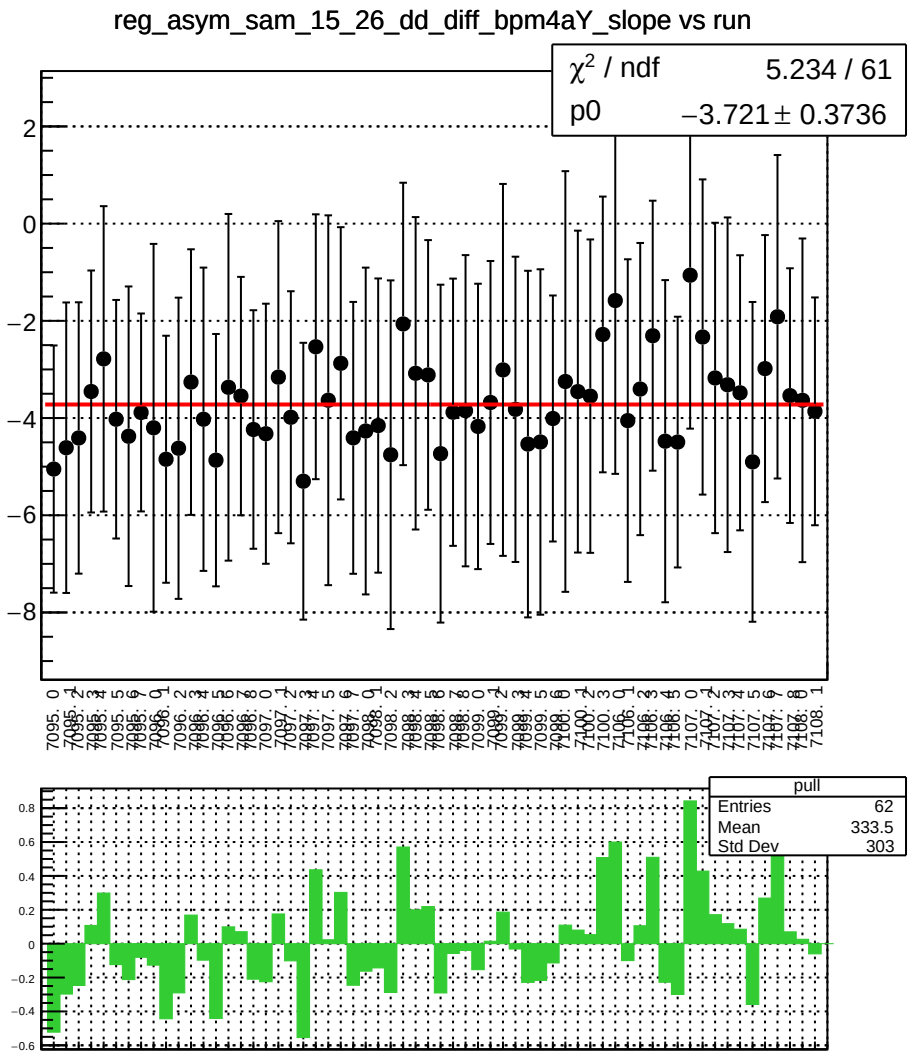

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 73.58 / 61
p0 −56.23 ± 0.4178
pull
Entries 62
Mean 359.1
Std Dev 326.1

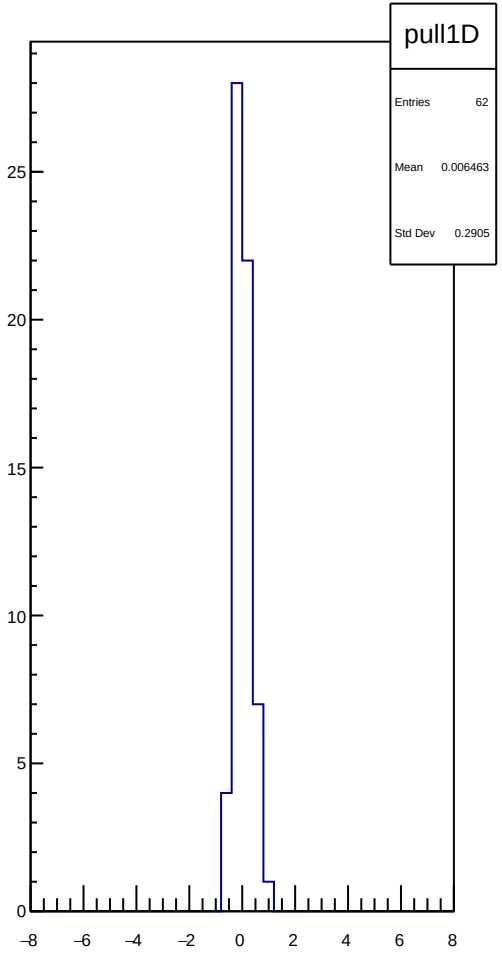

pull1D
Entries 62
Mean −0.03136
Std Dev 1.089

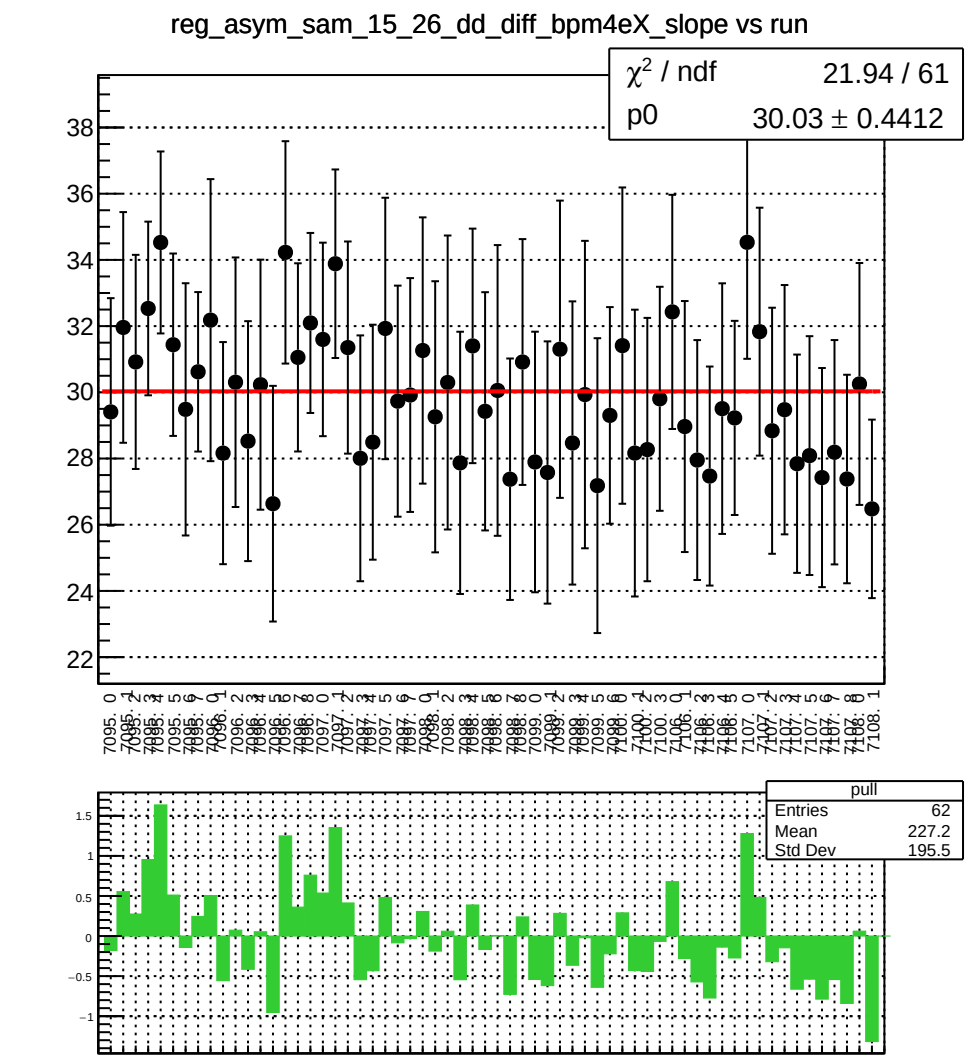

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs run
χ² / ndf 23.4 / 61
p0 0.5076 ± 0.0193
pull
Entries 62
Mean 46.86
Std Dev 67.46
pull1D
Entries 62
Mean 0.0211
Std Dev 0.614

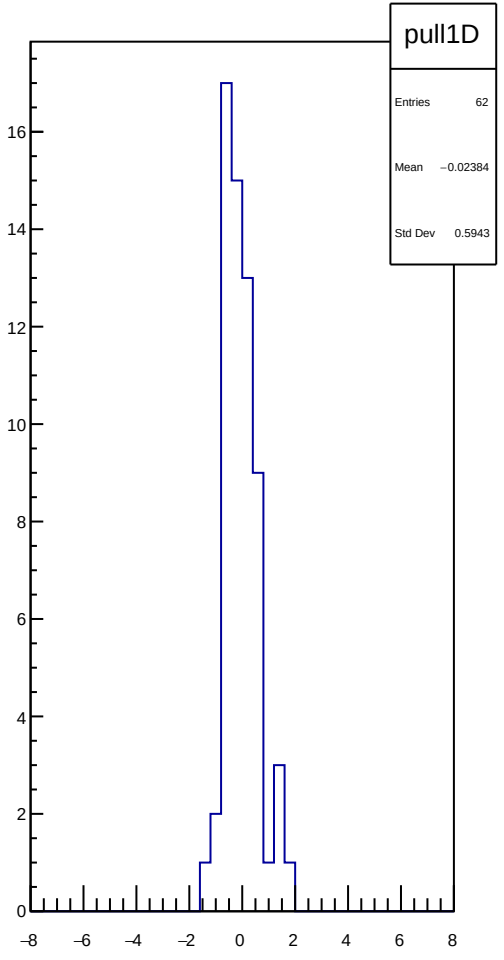

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs run
χ² / ndf 11.84 / 61
p0 1.289 ± 0.453
pull
Entries 62
Mean 293.3
Std Dev 260.9

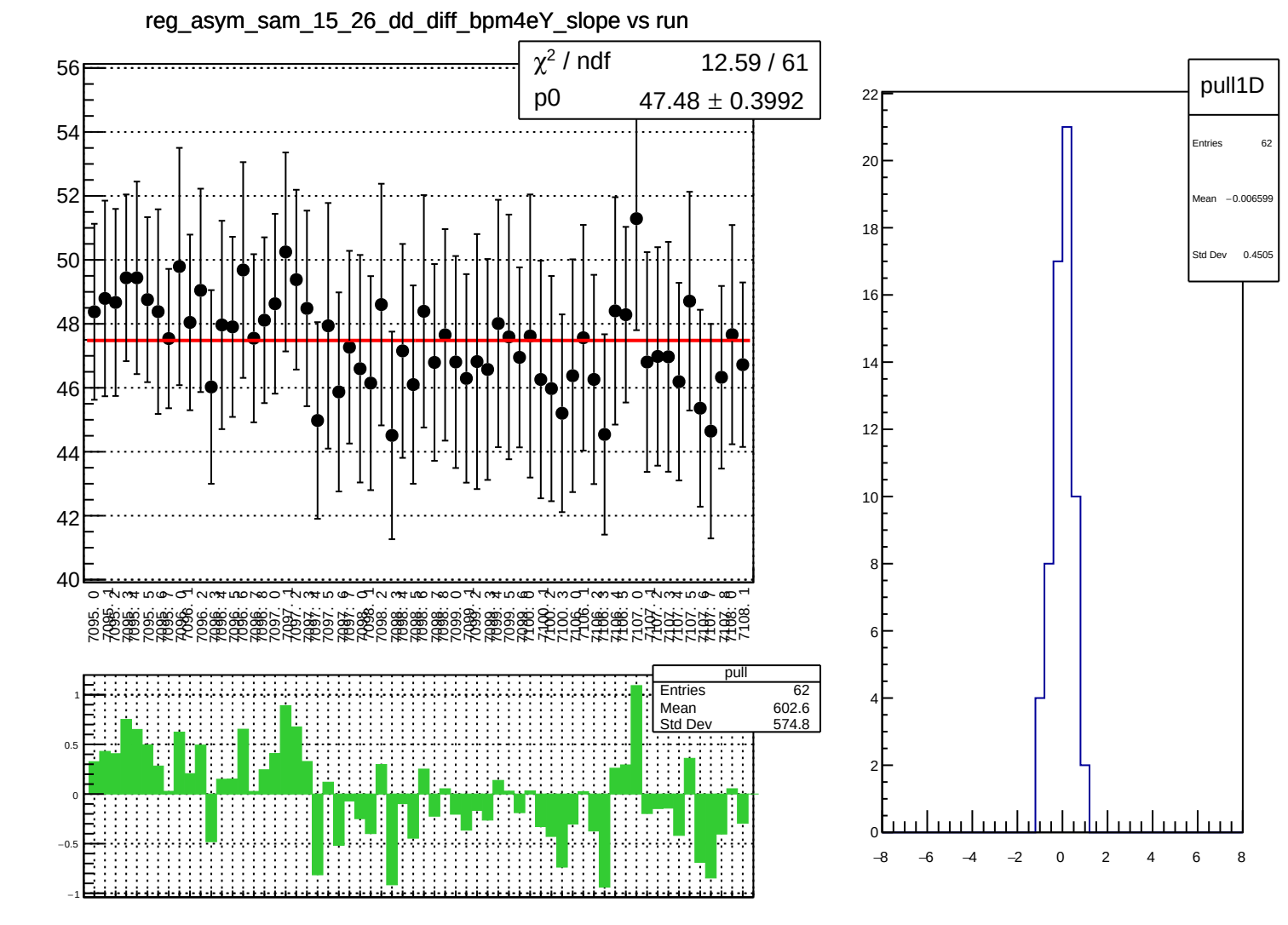

pull1D
Entries 62
Mean 0.01842
Std Dev 0.4365

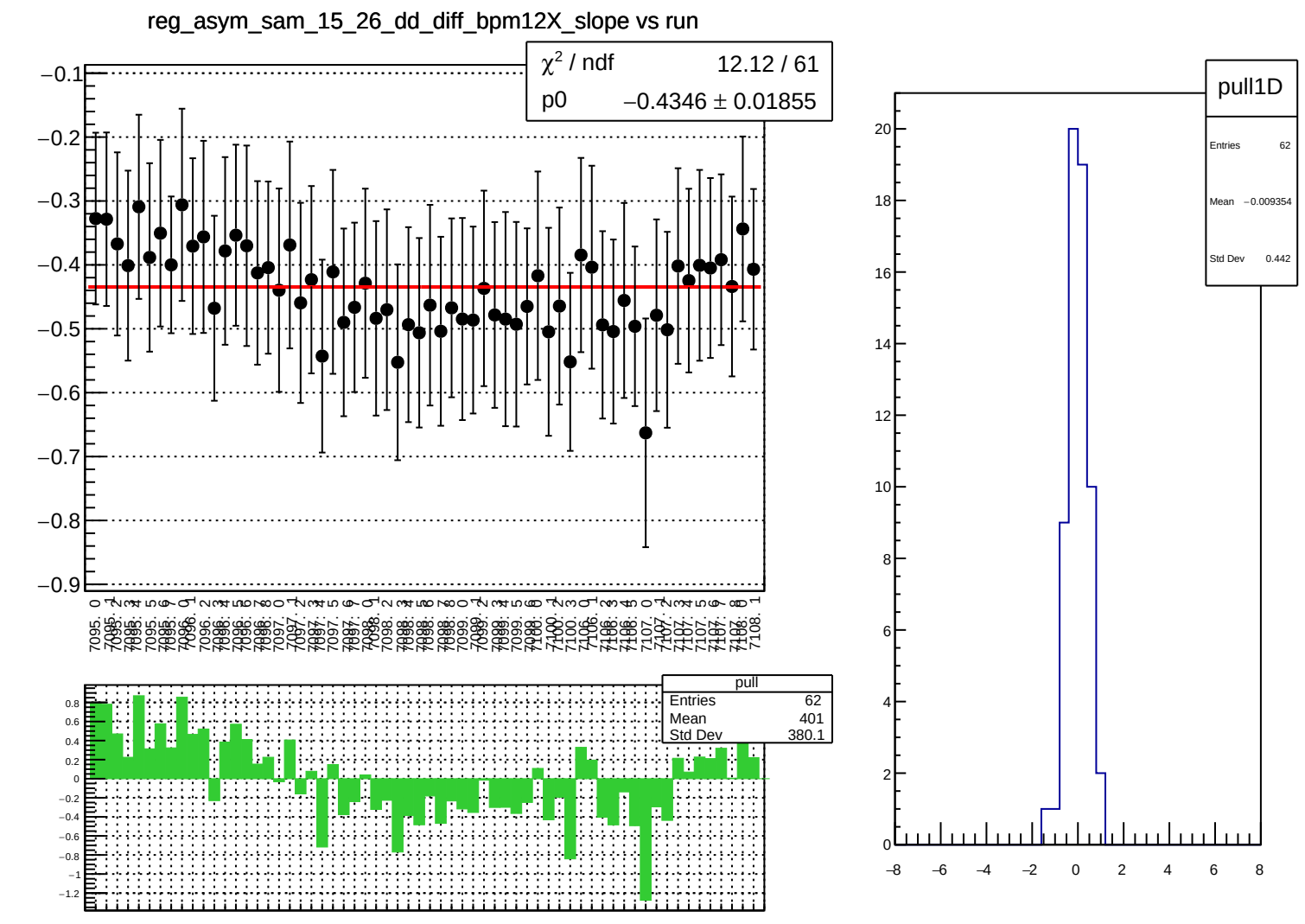

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 5.234 / 61
p0 −3.721 ± 0.3736
pull
Entries 62
Mean 333.5
Std Dev 303

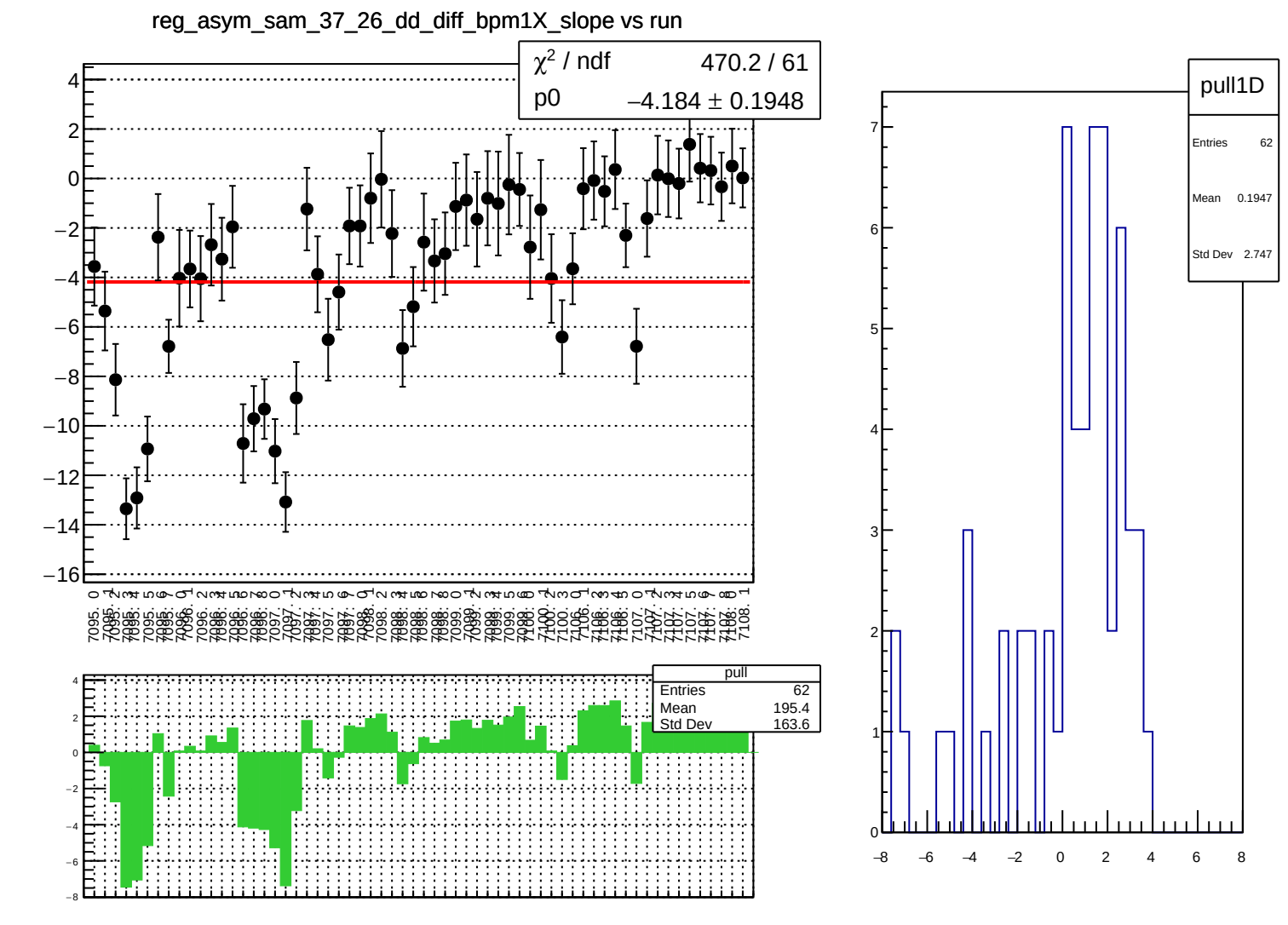

pull1D
Entries 62
Mean 0.006463
Std Dev 0.2905

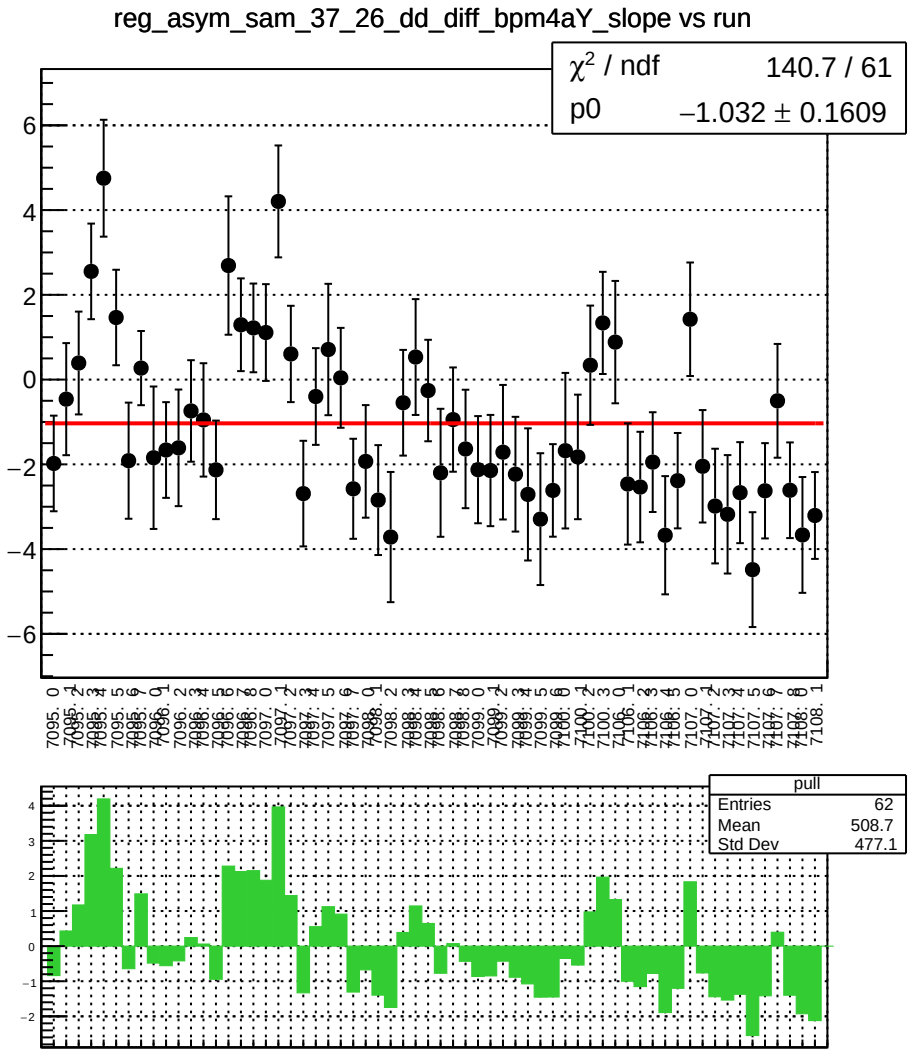

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 21.94 / 61
p0 30.03 ± 0.4412
pull
Entries 62
Mean 227.2
Std Dev 195.5

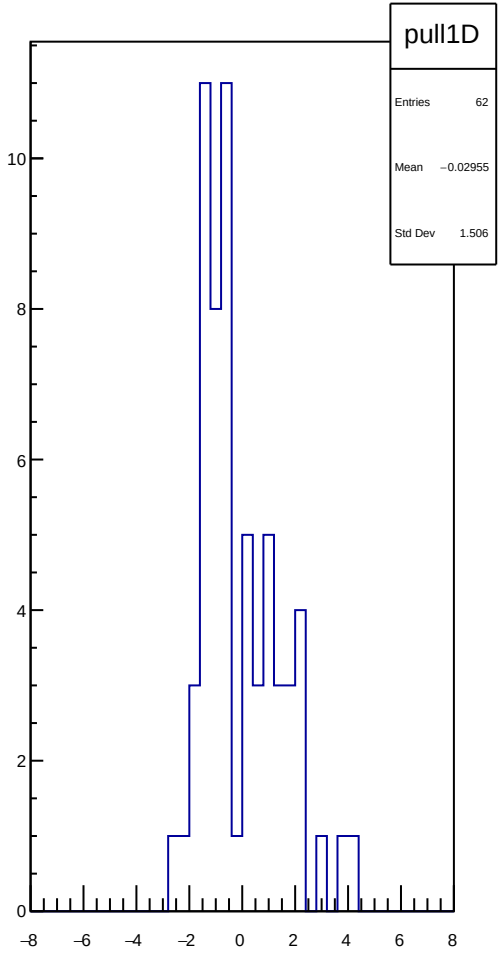

pull1D
Entries 62
Mean −0.02384
Std Dev 0.5943

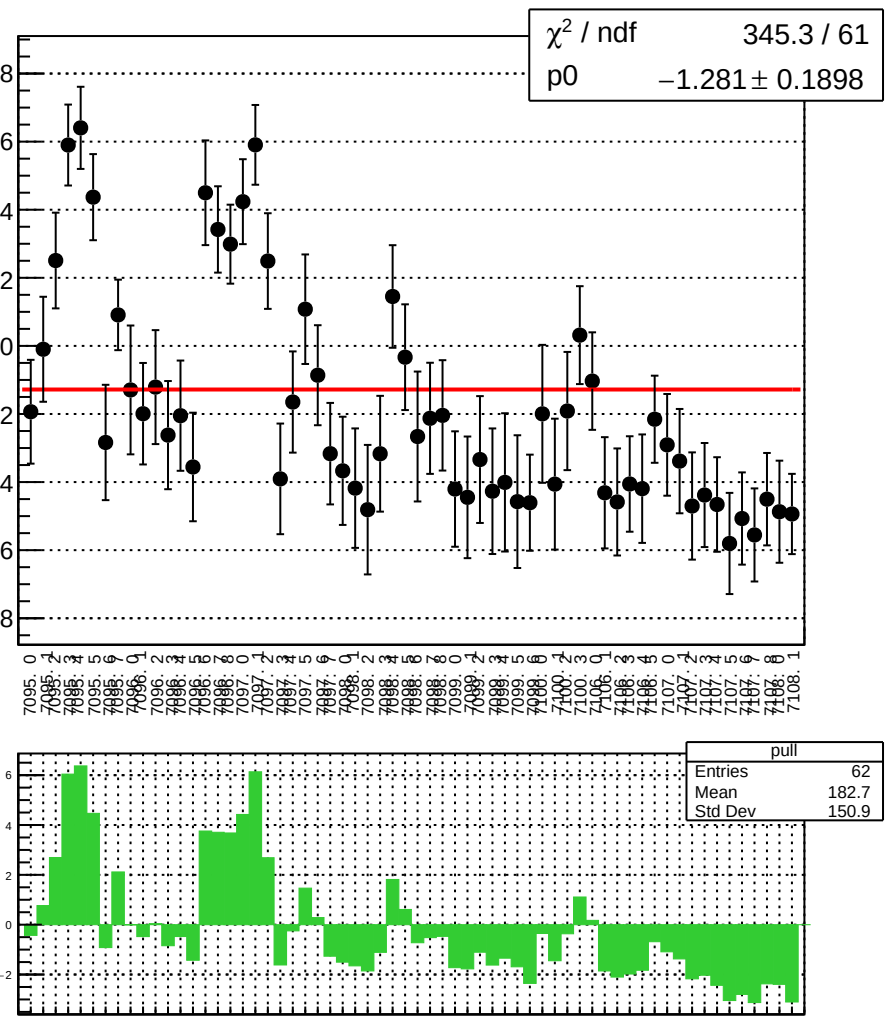

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 12.59 / 61
p0 47.48 ± 0.3992
pull
Entries 62
Mean 602.6
Std Dev 574.8
pull1D
Entries 62
Mean −0.006599
Std Dev 0.4505

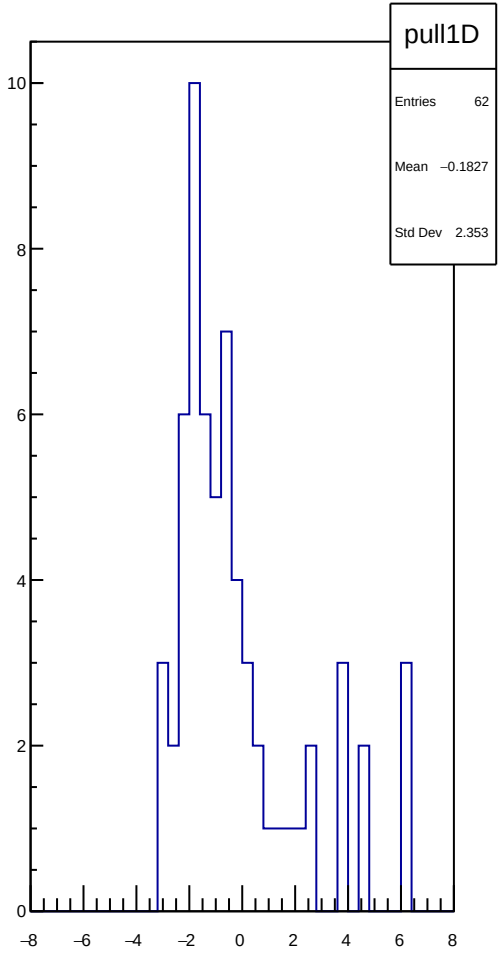

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs run
χ² / ndf 12.12 / 61
p0 −0.4346 ± 0.01855
pull
Entries 62
Mean 401
Std Dev 380.1
pull1D
Entries 62
Mean −0.009354
Std Dev 0.442

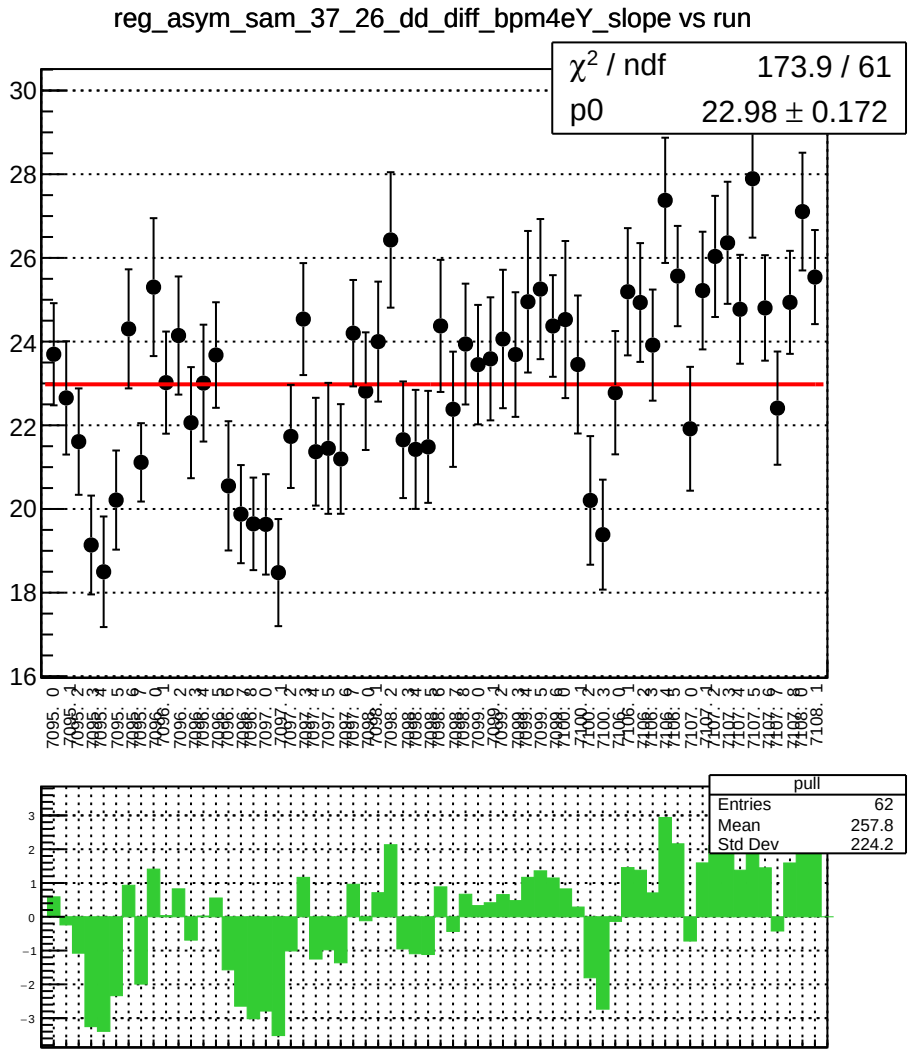

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs run
χ² / ndf 470.2 / 61
p0 −4.184 ± 0.1948
pull
Entries 62
Mean 195.4
Std Dev 163.6
pull1D
Entries 62
Mean 0.1947
Std Dev 2.747

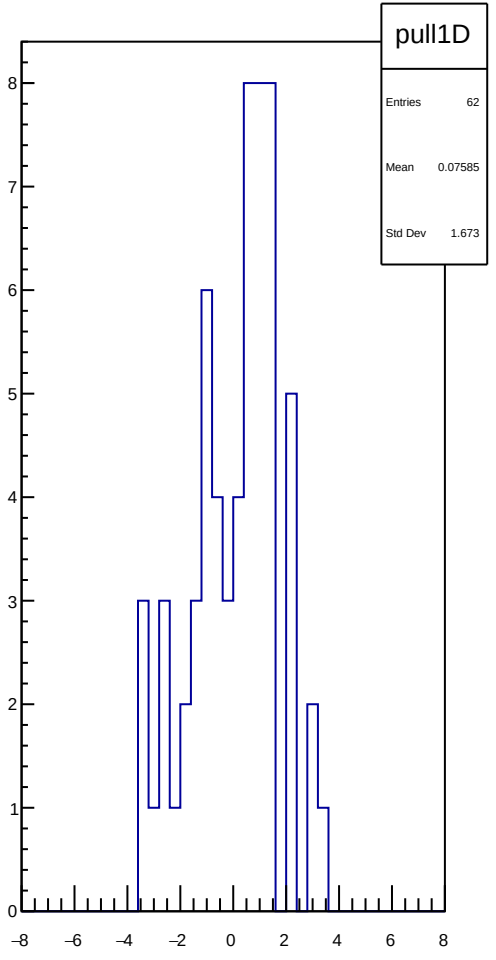

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 140.7 / 61
p0 −1.032 ± 0.1609
pull
Entries 62
Mean 508.7
Std Dev 477.1

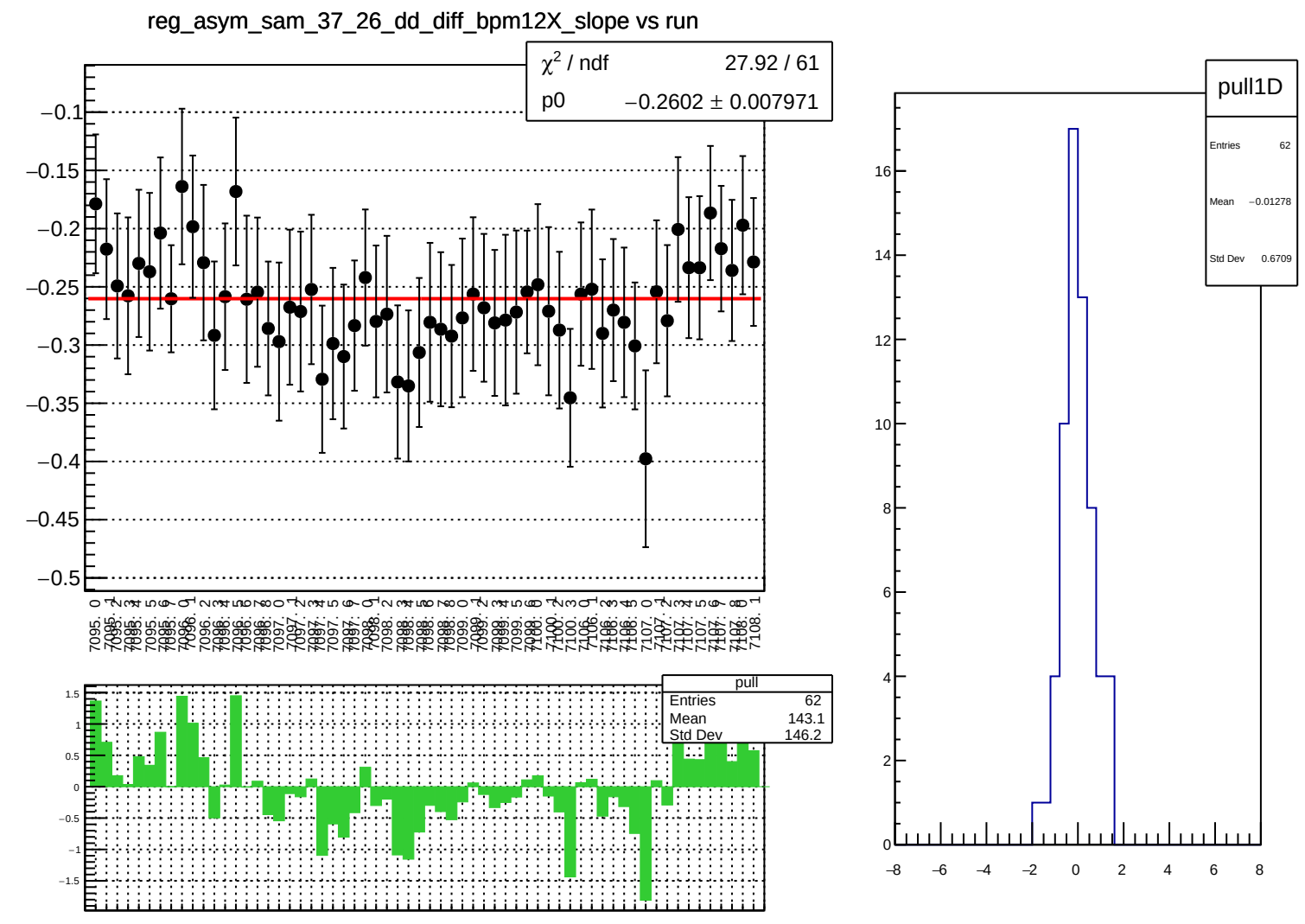

pull1D
Entries 62
Mean −0.02955
Std Dev 1.506

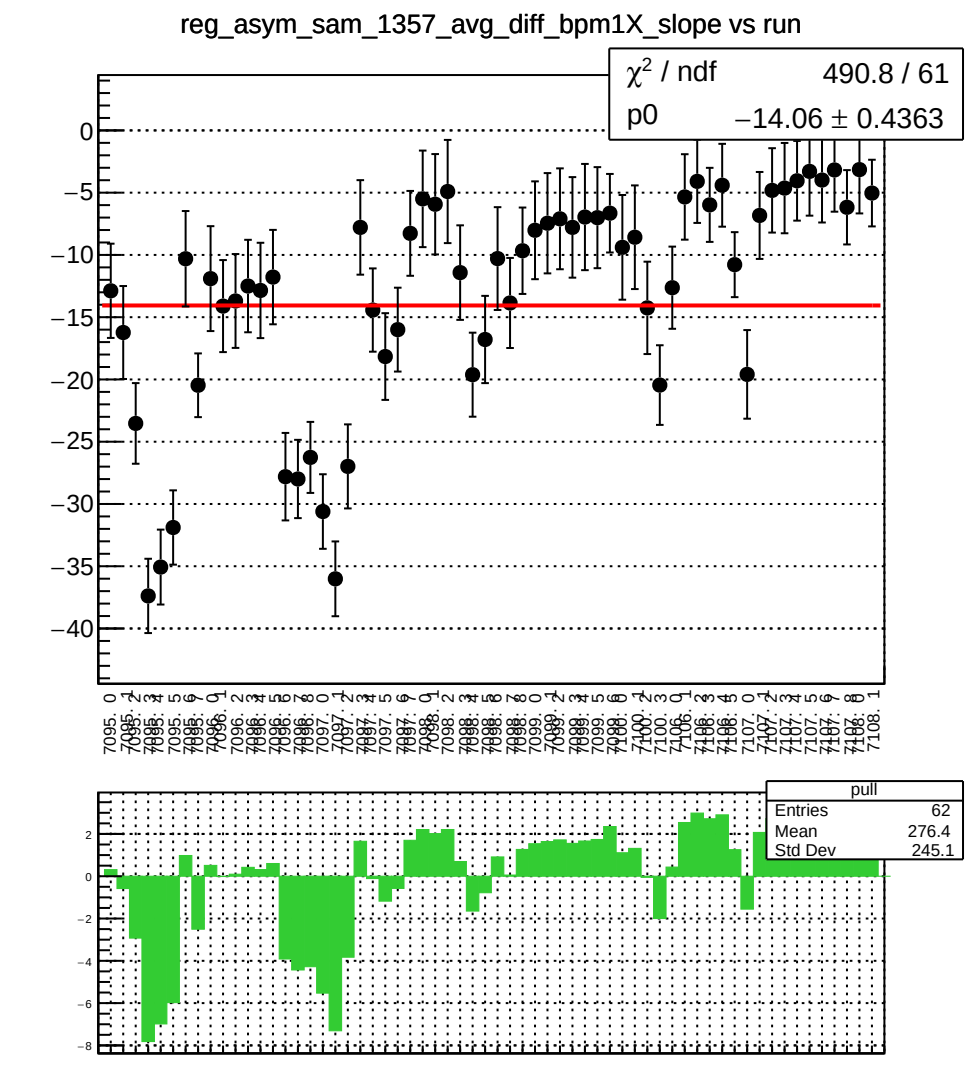

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 345.3 / 61
p0 −1.281 ± 0.1898
pull
Entries 62
Mean 182.7
Std Dev 150.9

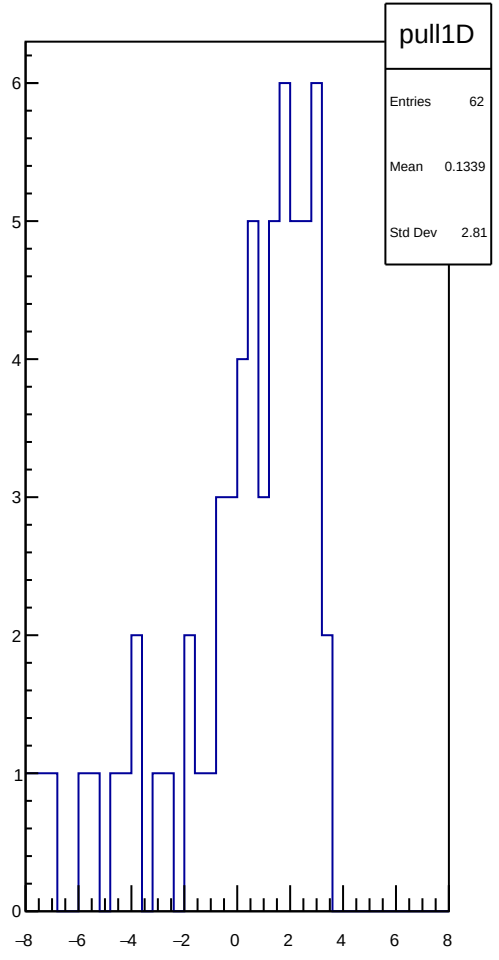

pull1D
Entries 62
Mean −0.1827
Std Dev 2.353

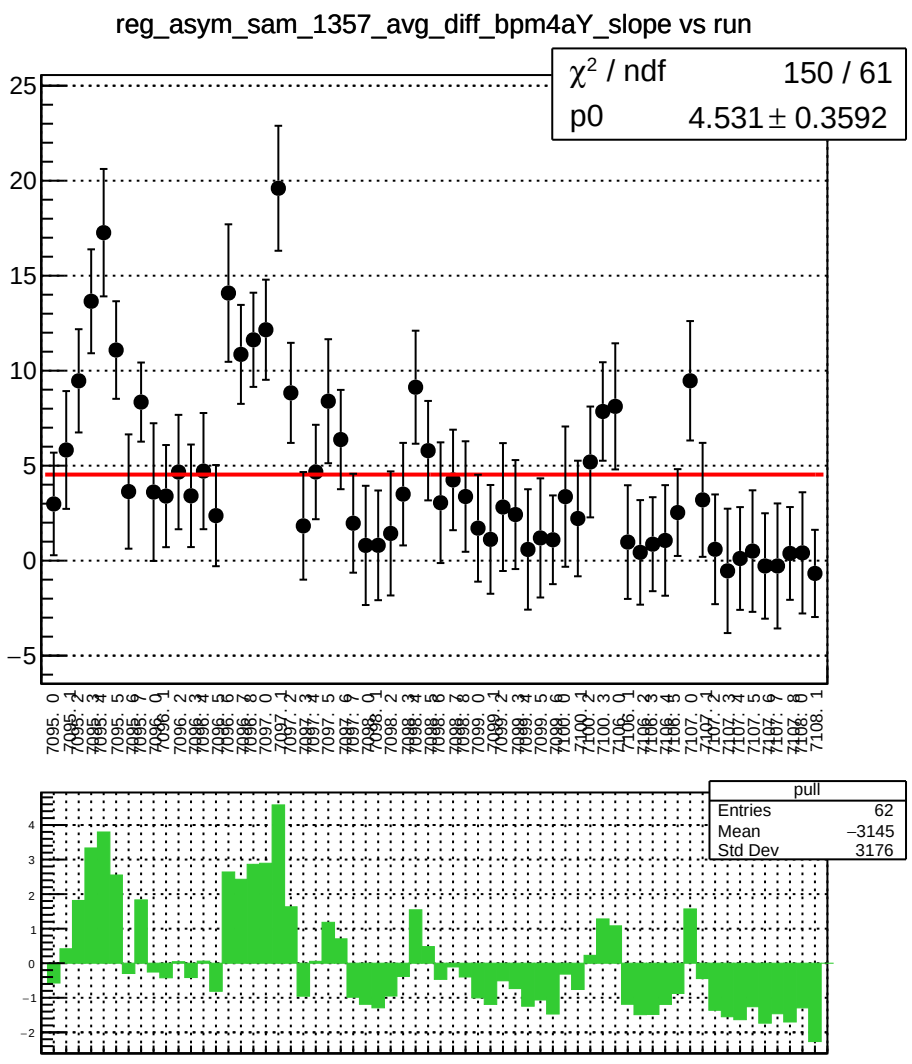

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 173.9 / 61
p0 22.98 ± 0.172
pull
Entries 62
Mean 257.8
Std Dev 224.2

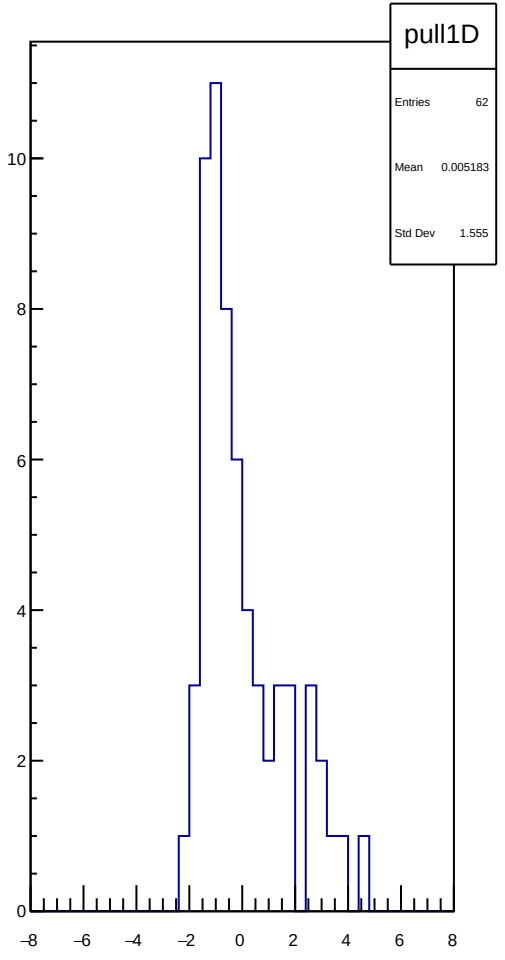

pull1D
Entries 62
Mean 0.07585
Std Dev 1.673

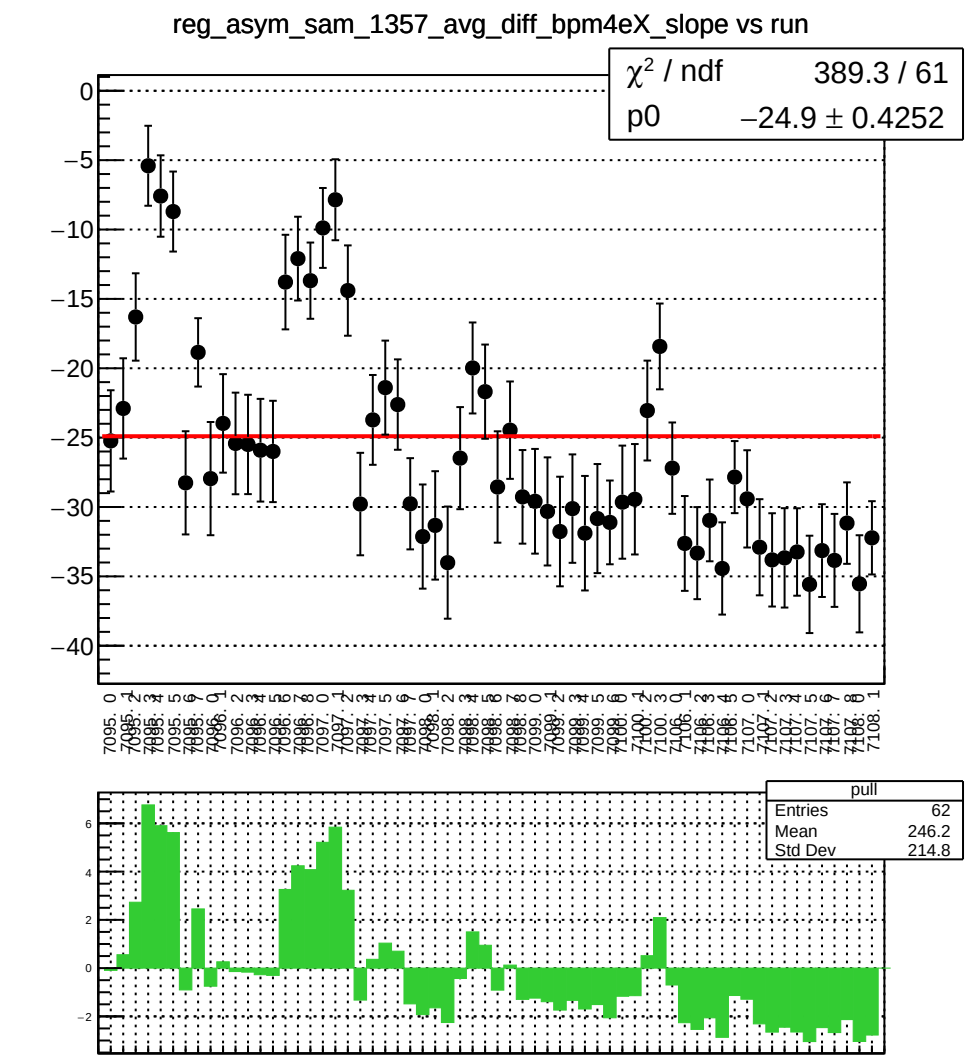

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs run
χ² / ndf 27.92 / 61
p0 −0.2602 ± 0.007971
pull
Entries 62
Mean 143.1
Std Dev 146.2
pull1D
Entries 62
Mean −0.01278
Std Dev 0.6709

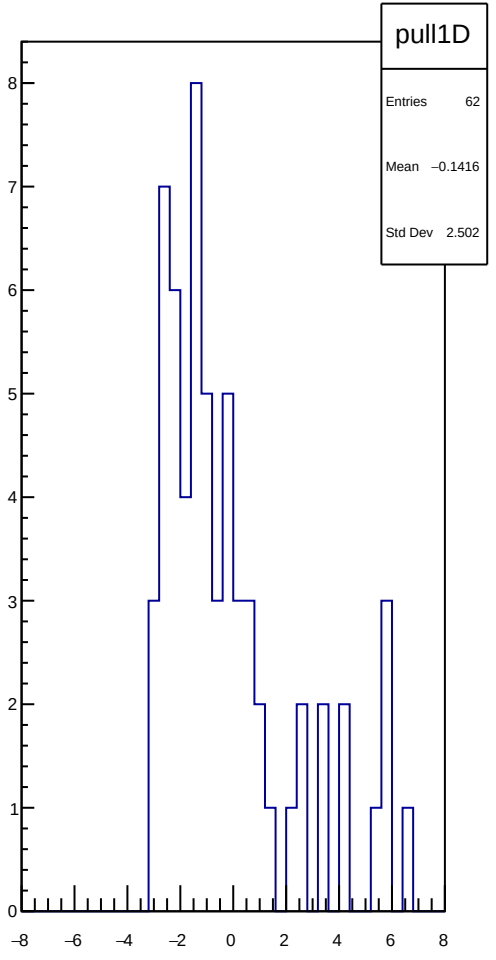

reg_asym_sam_1357_avg_diff_bpm1X_slope vs run
χ² / ndf 490.8 / 61
p0 −14.06 ± 0.4363
pull
Entries 62
Mean 276.4
Std Dev 245.1

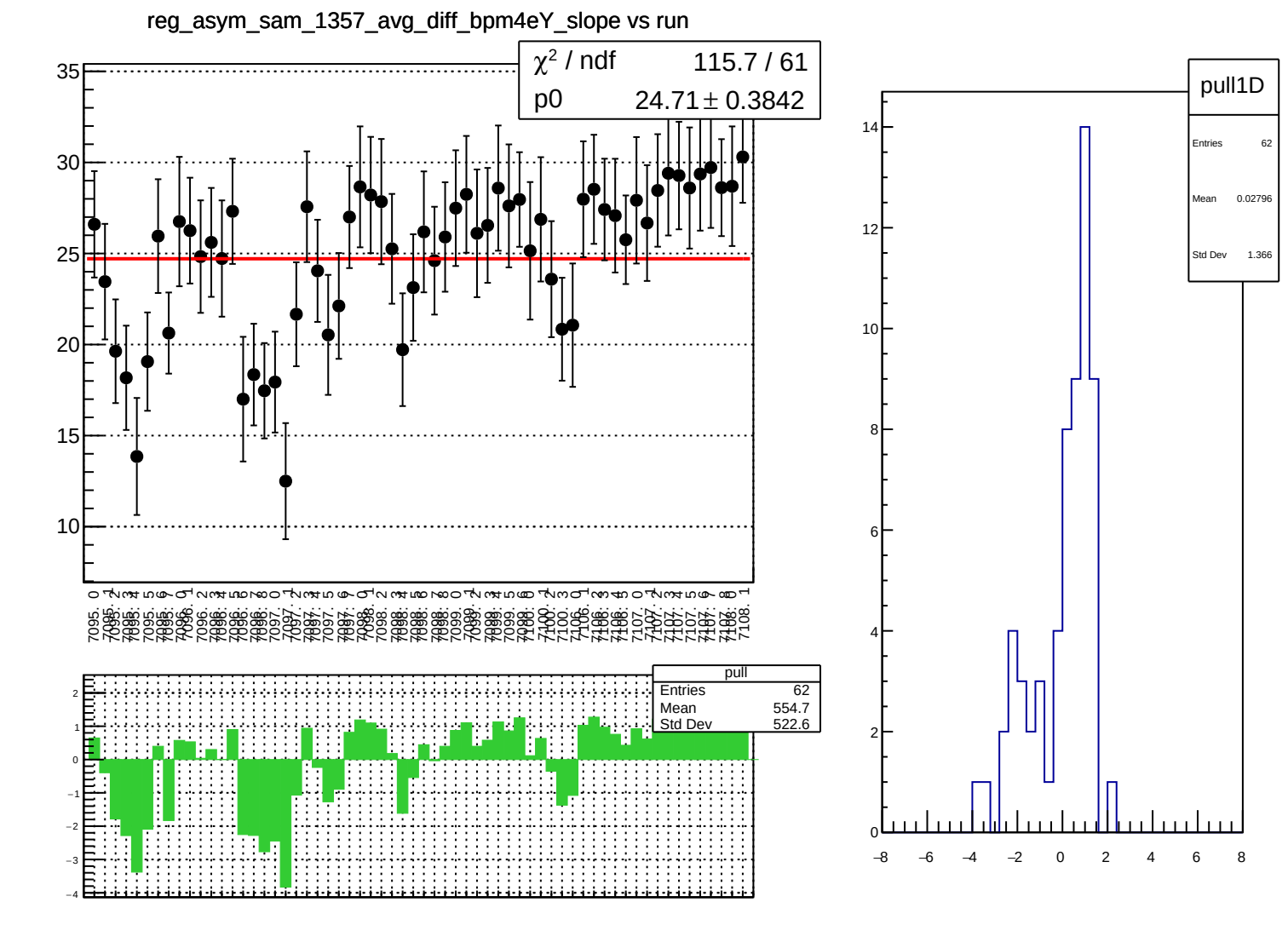

pull1D
Entries 62
Mean 0.1339
Std Dev 2.81

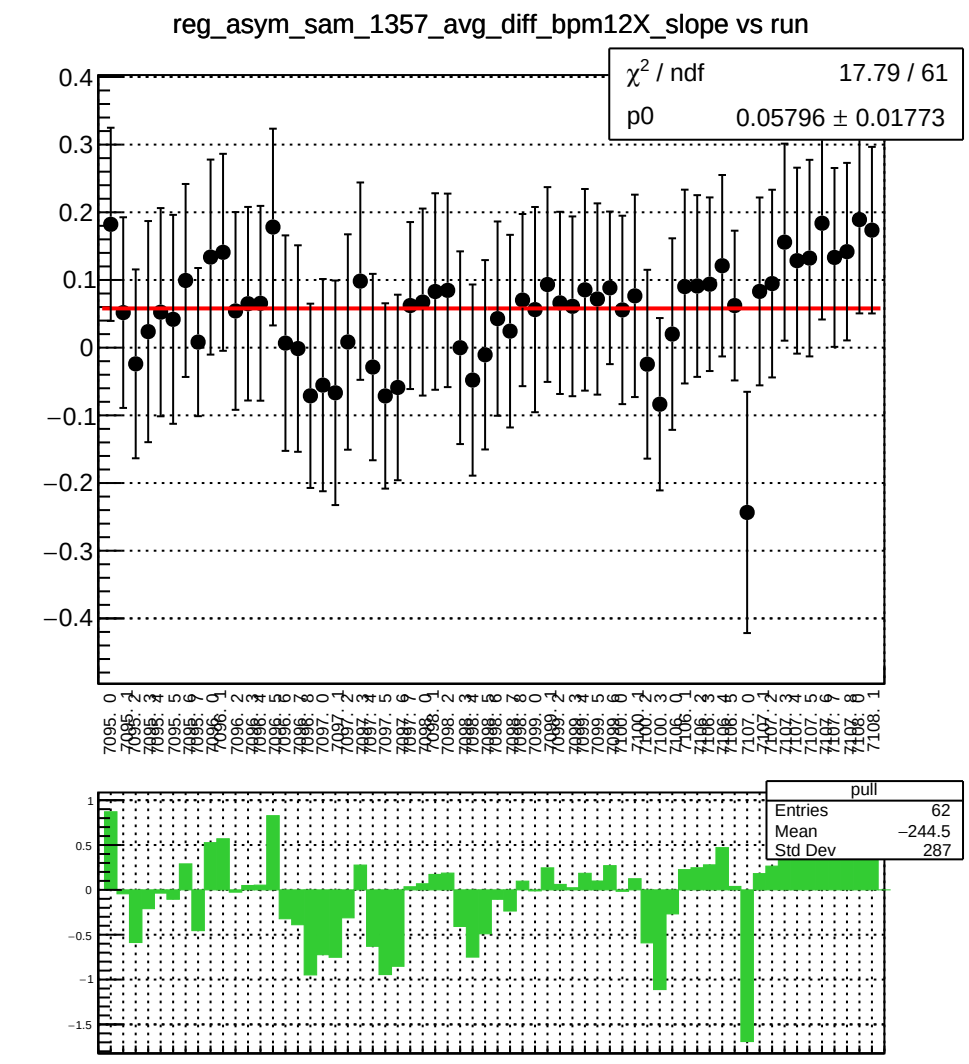

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs run
χ² / ndf 150 / 61
p0 4.531 ± 0.3592
pull
Entries 62
Mean −3145
Std Dev 3176

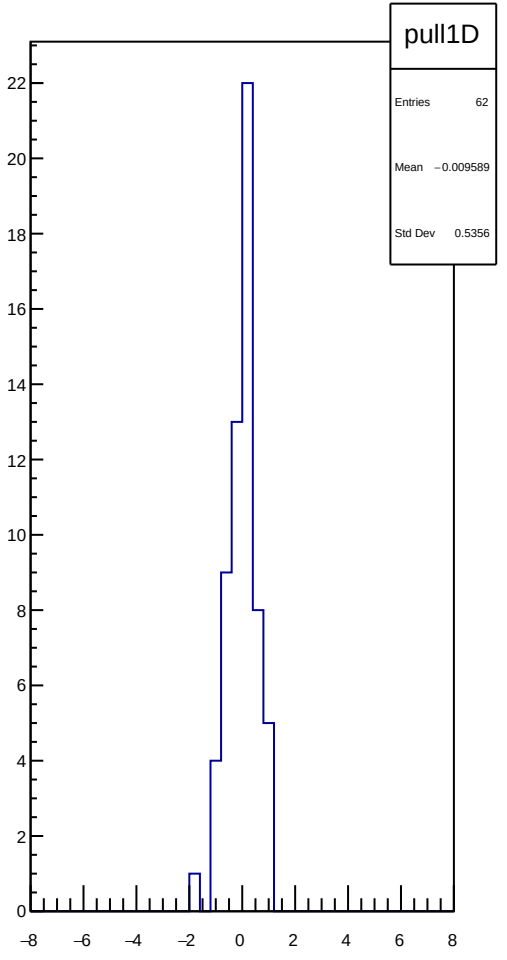

pull1D
Entries 62
Mean 0.005183
Std Dev 1.555

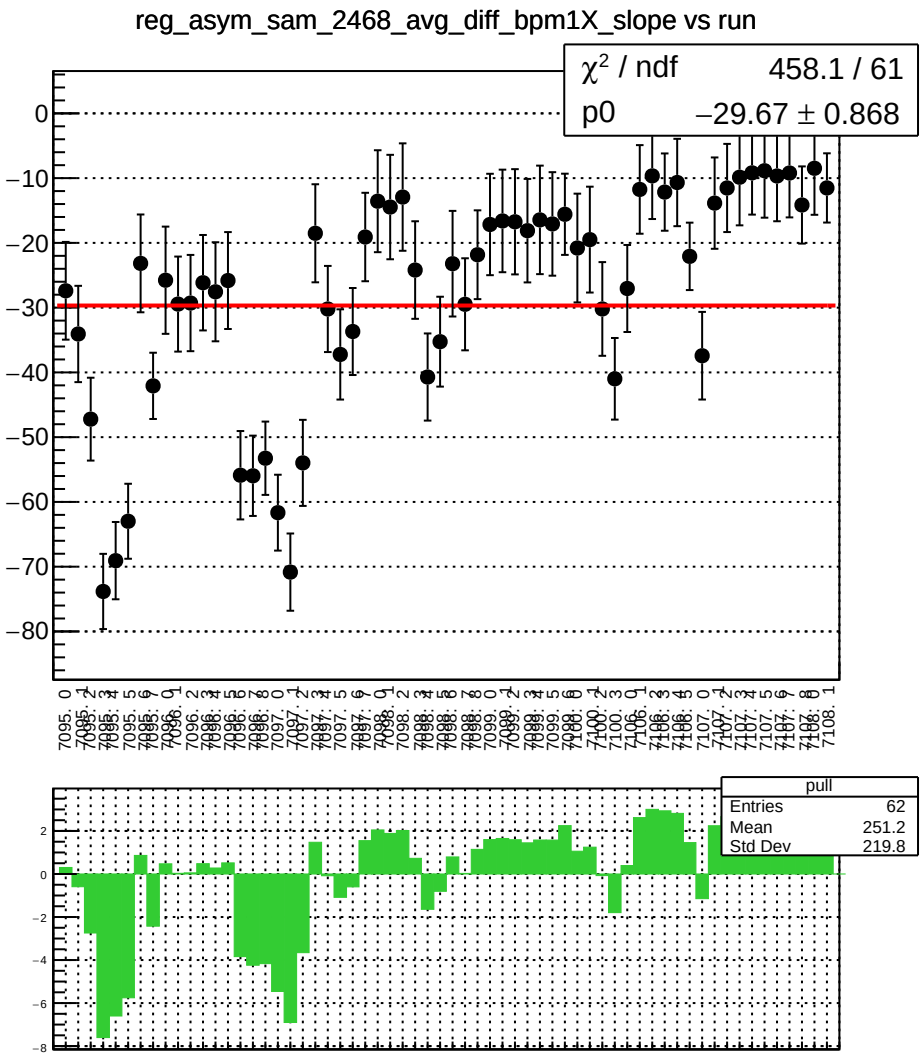

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs run
χ² / ndf 389.3 / 61
p0 −24.9 ± 0.4252
pull
Entries 62
Mean 246.2
Std Dev 214.8

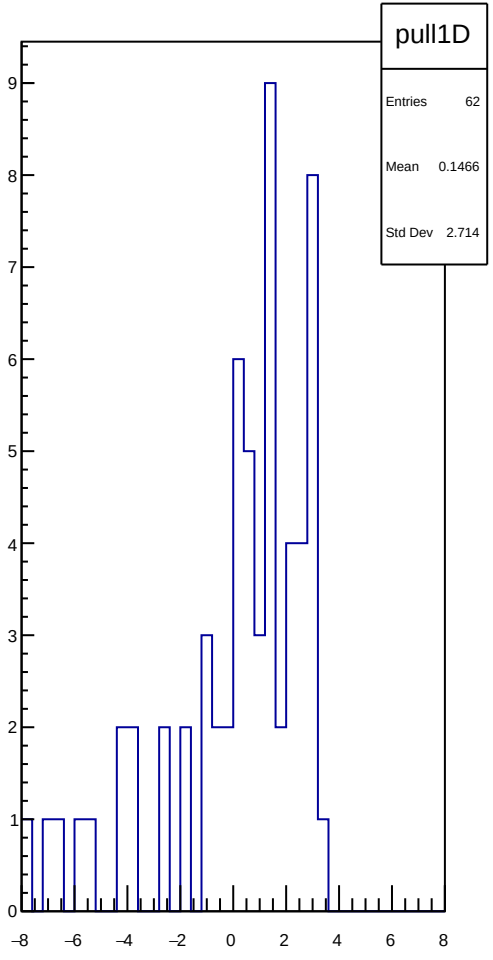

pull1D
Entries 62
Mean −0.1416
Std Dev 2.502

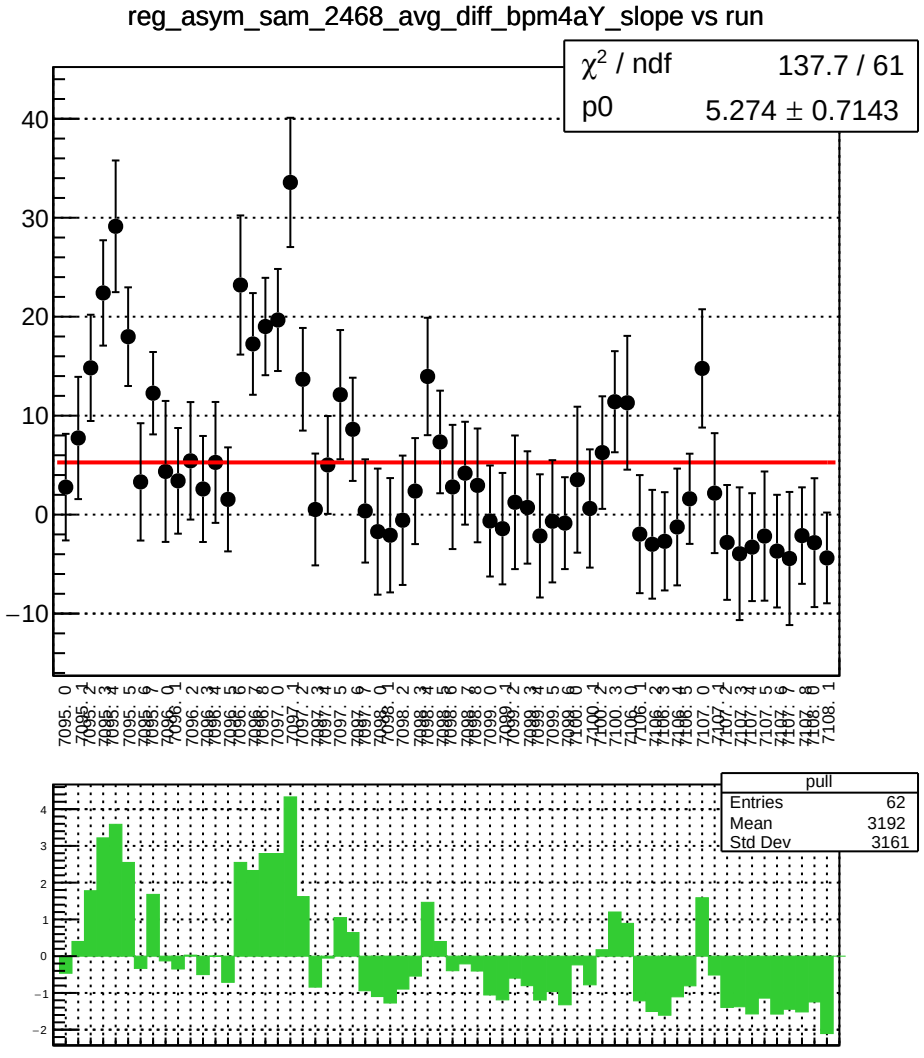

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs run
χ² / ndf 115.7 / 61
p0 24.71 ± 0.3842
pull
Entries 62
Mean 554.7
Std Dev 522.6
pull1D
Entries 62
Mean 0.02796
Std Dev 1.366

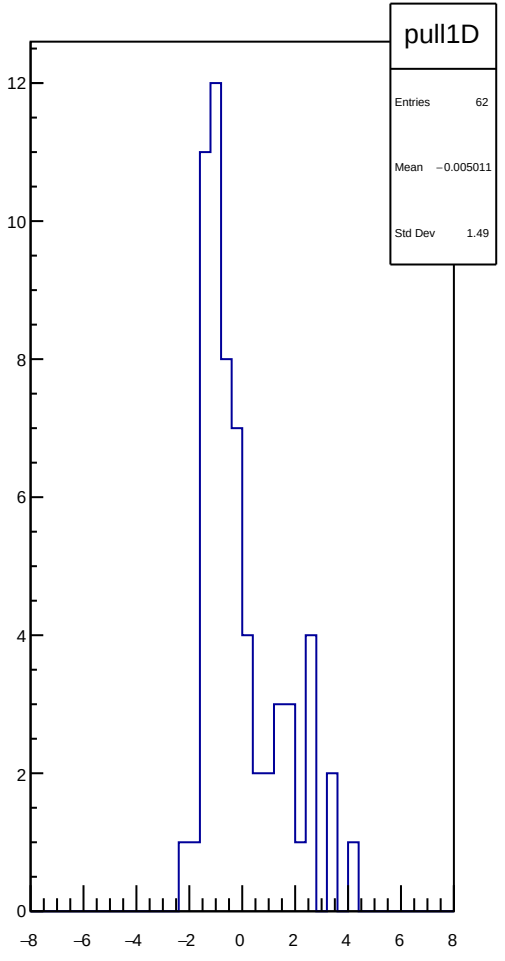

reg_asym_sam_1357_avg_diff_bpm12X_slope vs run
χ² / ndf 17.79 / 61
p0 0.05796 ± 0.01773
pull
Entries 62
Mean −244.5
Std Dev 287

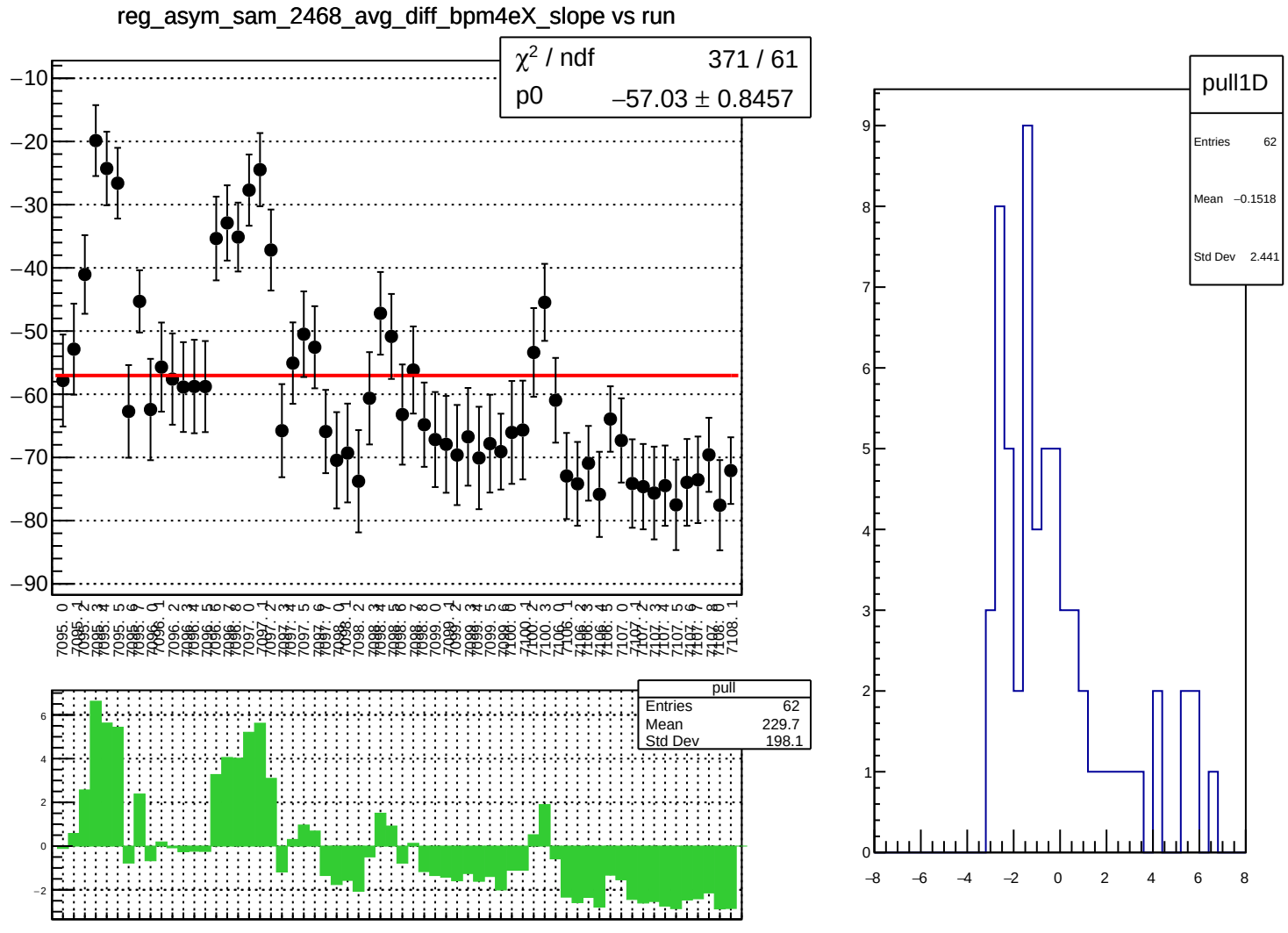

pull1D
Entries 62
Mean −0.009589
Std Dev 0.5356

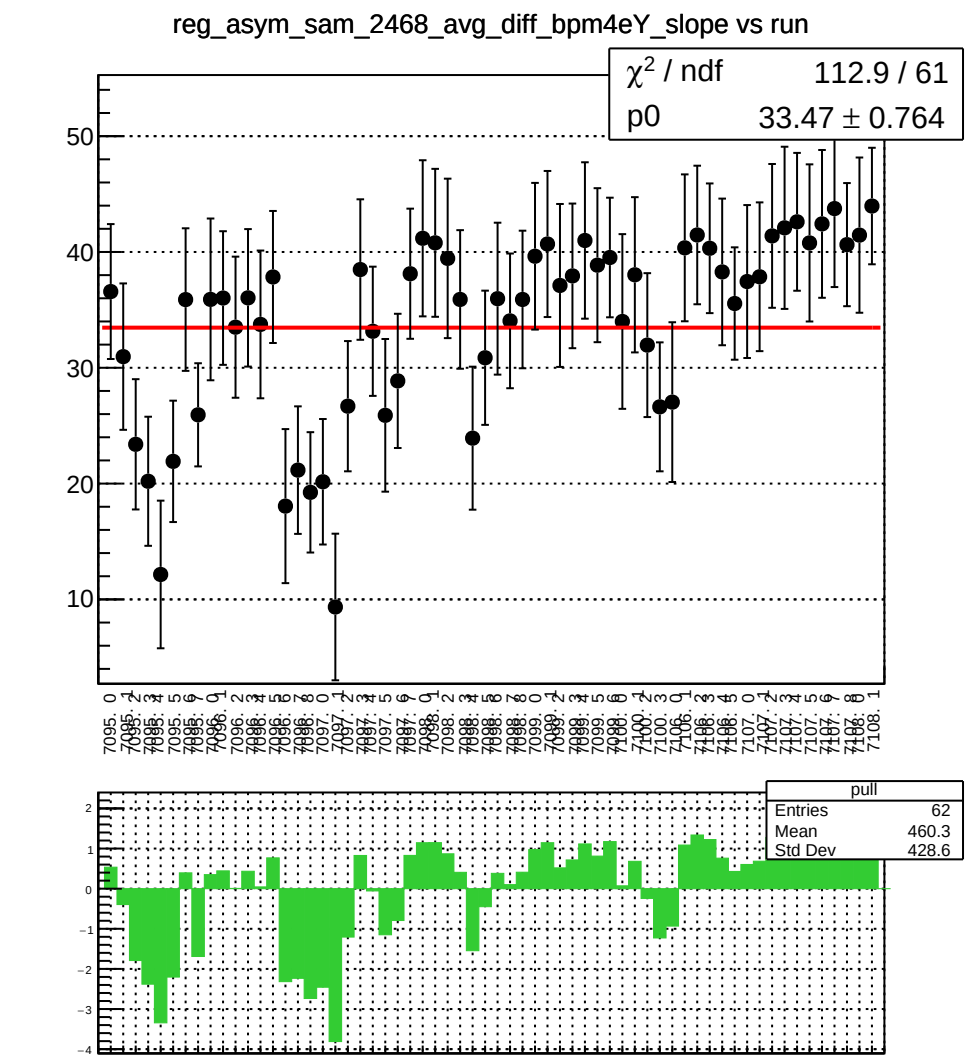

reg_asym_sam_2468_avg_diff_bpm1X_slope vs run
χ² / ndf 458.1 / 61
p0 −29.67 ± 0.868
pull
Entries 62
Mean 251.2
Std Dev 219.8

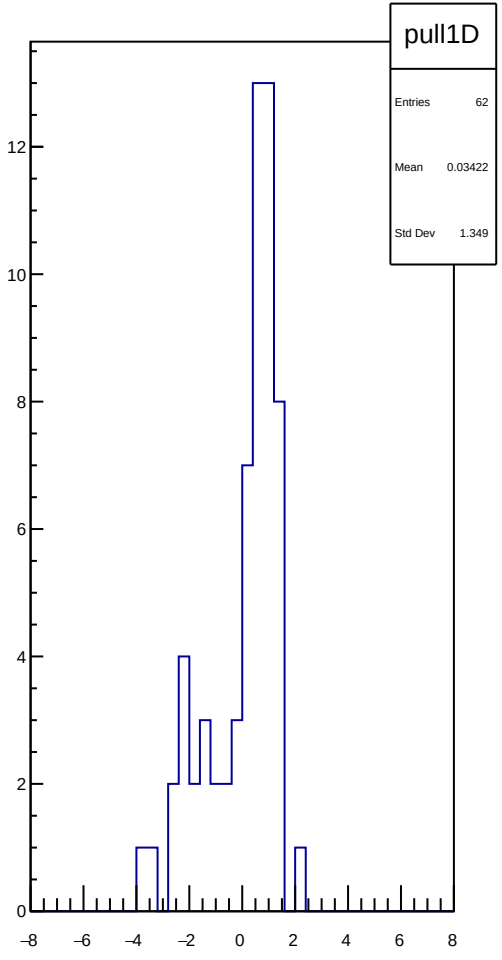

pull1D
Entries 62
Mean 0.1466
Std Dev 2.714

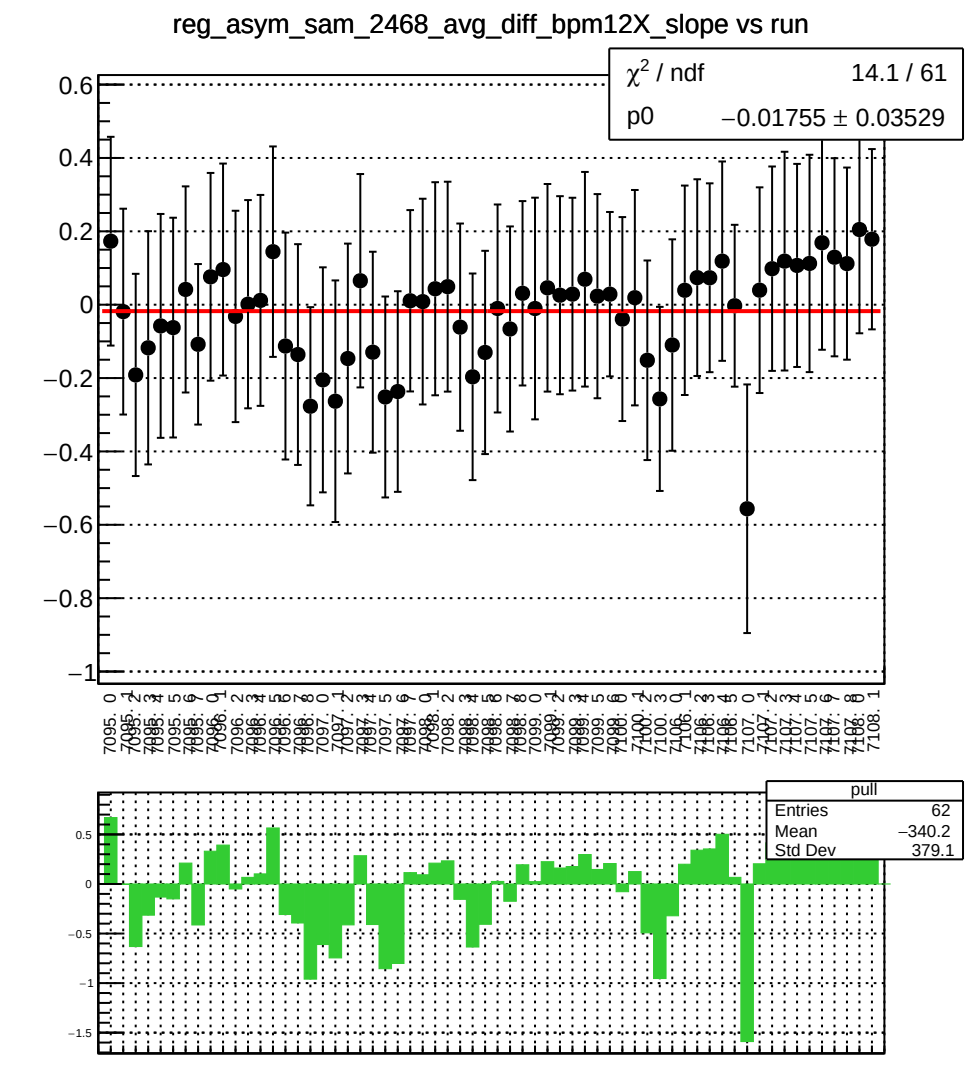

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs run
χ² / ndf 137.7 / 61
p0 5.274 ± 0.7143
pull
Entries 62
Mean 3192
Std Dev 3161

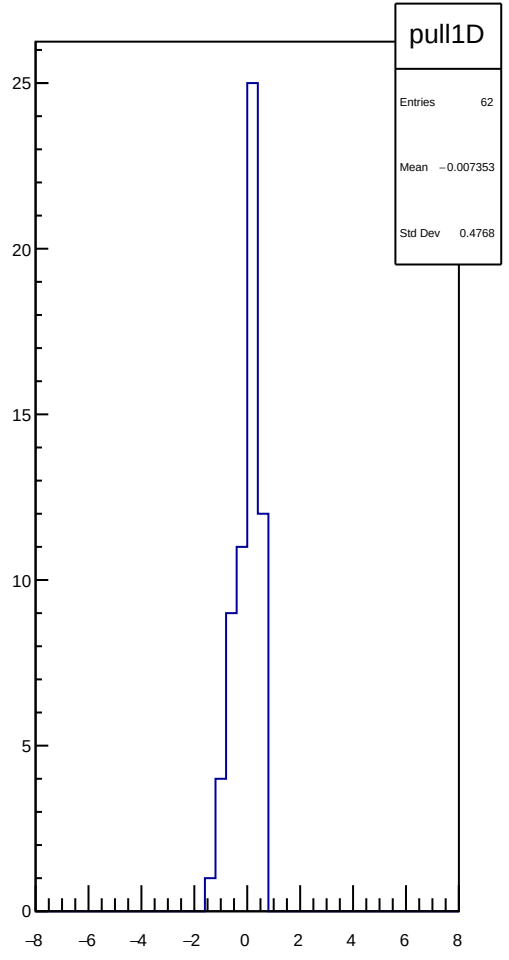

pull1D
Entries 62
Mean −0.005011
Std Dev 1.49

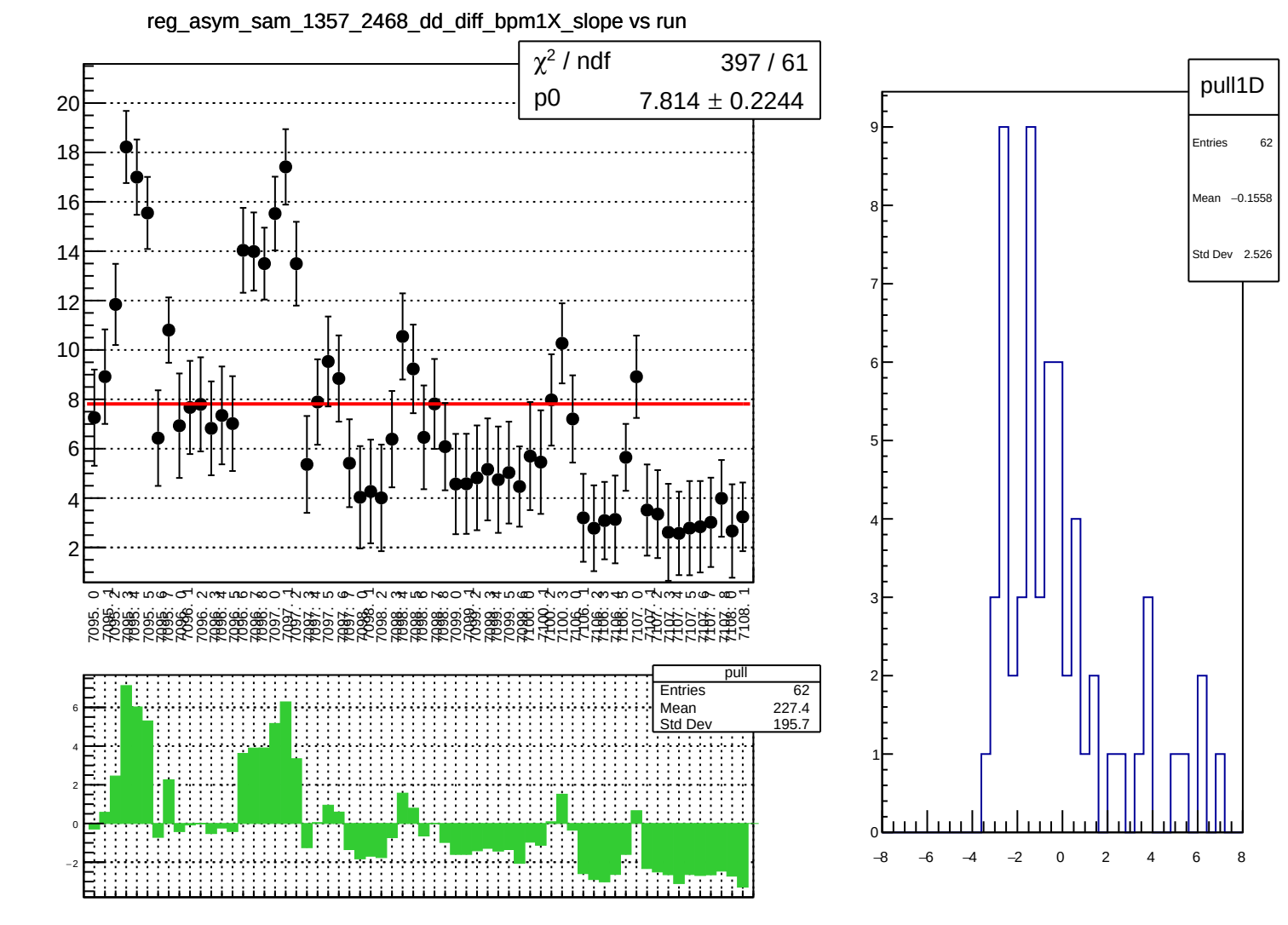

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs run
χ² / ndf 371 / 61
p0 −57.03 ± 0.8457
pull
Entries 62
Mean 229.7
Std Dev 198.1
pull1D
Entries 62
Mean −0.1518
Std Dev 2.441

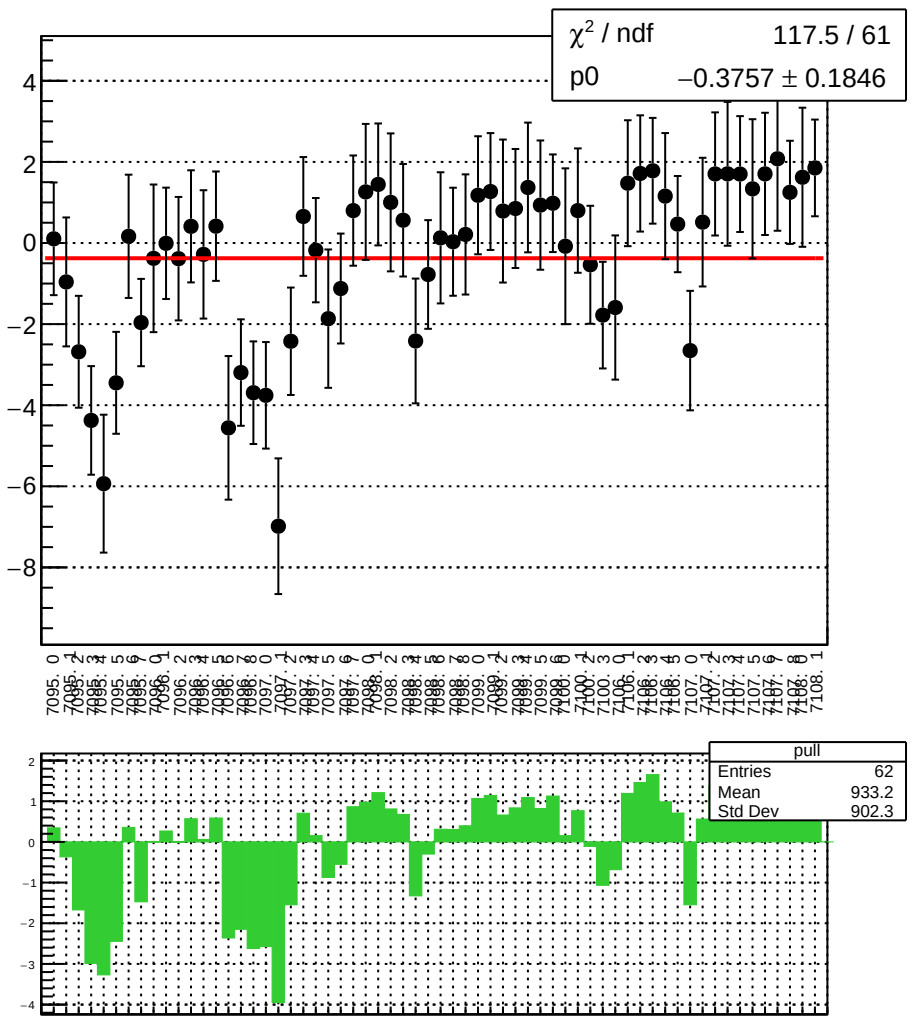

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs run
χ² / ndf 112.9 / 61
p0 33.47 ± 0.764
pull
Entries 62
Mean 460.3
Std Dev 428.6

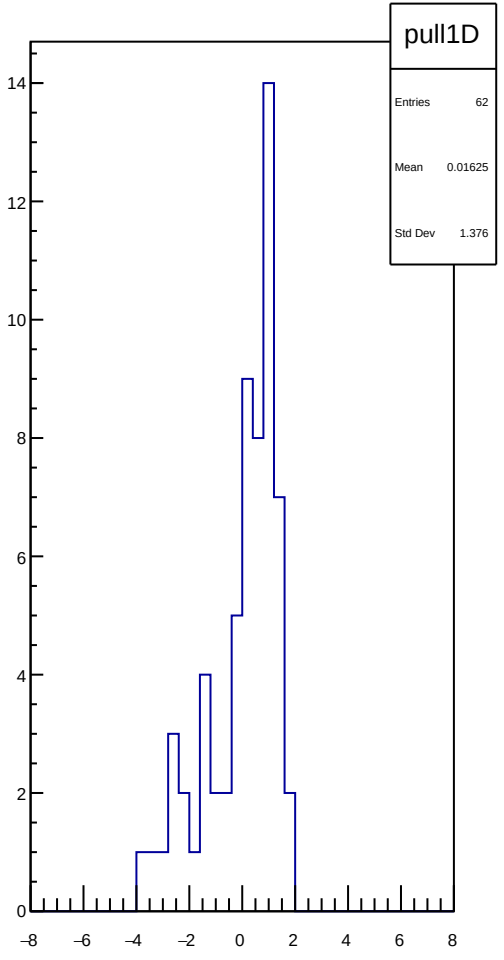

pull1D
Entries 62
Mean 0.03422
Std Dev 1.349

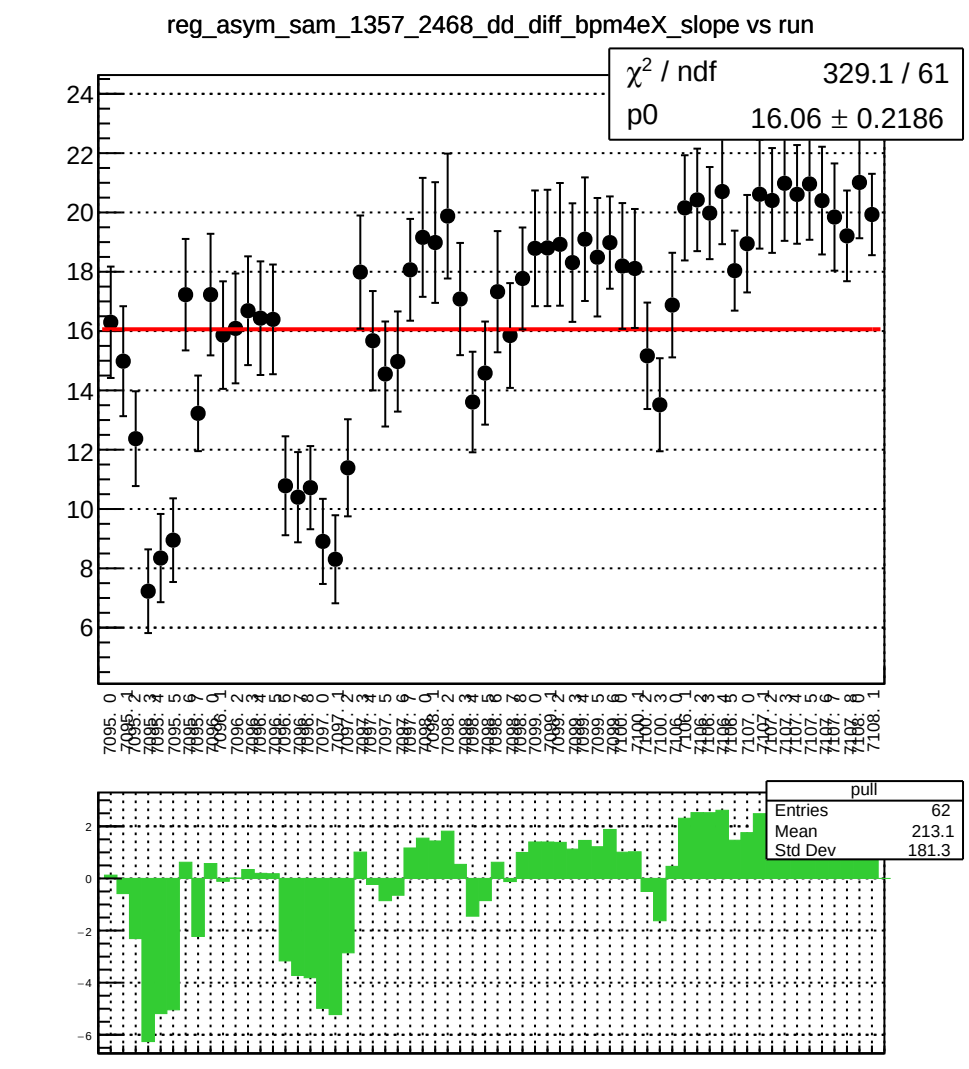

reg_asym_sam_2468_avg_diff_bpm12X_slope vs run
χ² / ndf 14.1 / 61
p0 −0.01755 ± 0.03529
pull
Entries 62
Mean −340.2
Std Dev 379.1

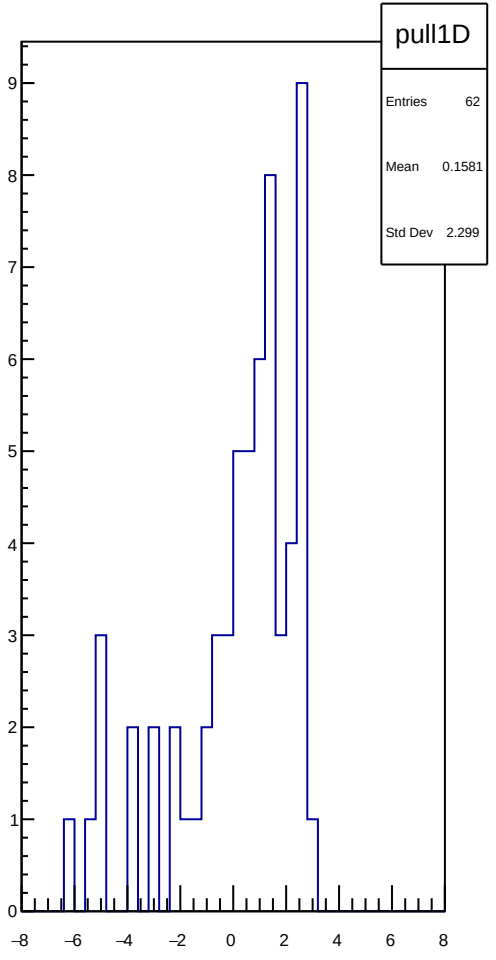

pull1D
Entries 62
Mean −0.007353
Std Dev 0.4768

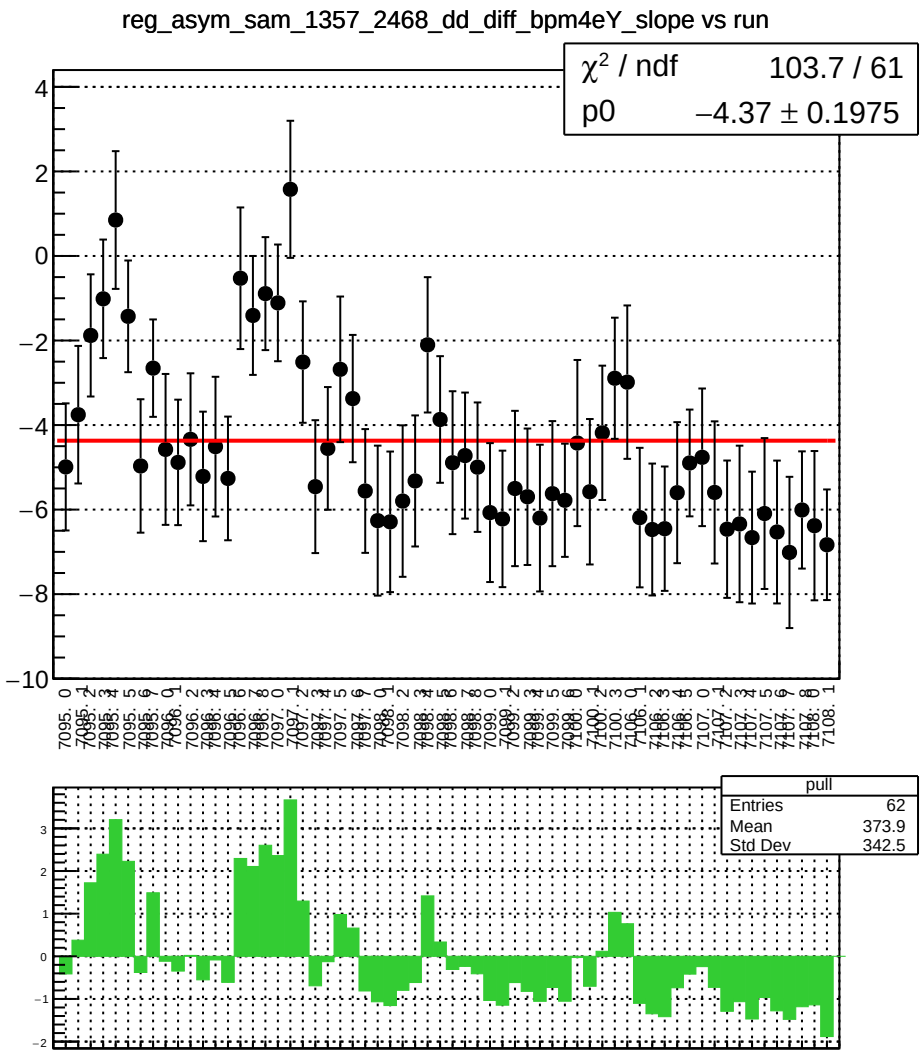

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs run
χ² / ndf 397 / 61
p0 7.814 ± 0.2244
pull
Entries 62
Mean 227.4
Std Dev 195.7
pull1D
Entries 62
Mean −0.1558
Std Dev 2.526

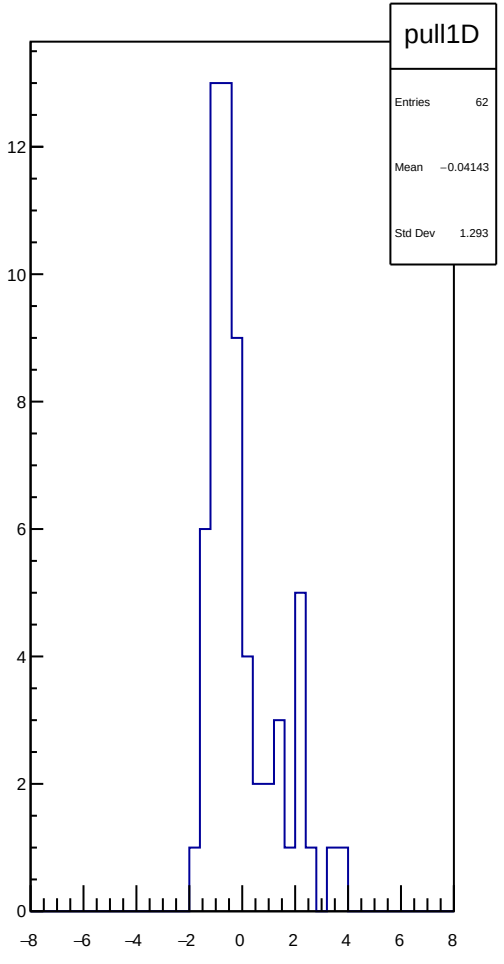

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs run
χ² / ndf 117.5 / 61
p0 −0.3757 ± 0.1846
pull
Entries 62
Mean 933.2
Std Dev 902.3

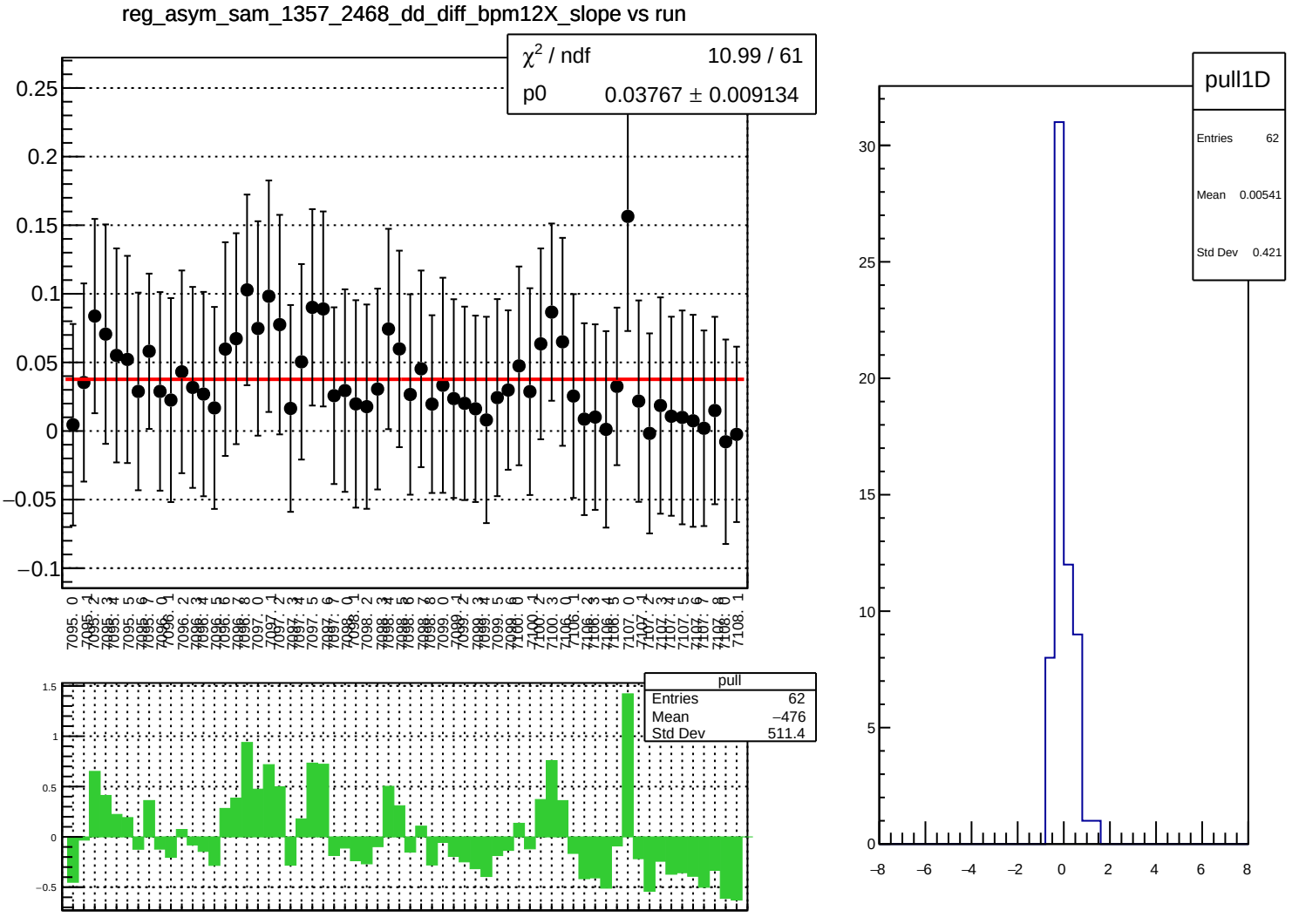

pull1D
Entries 62
Mean 0.01625
Std Dev 1.376

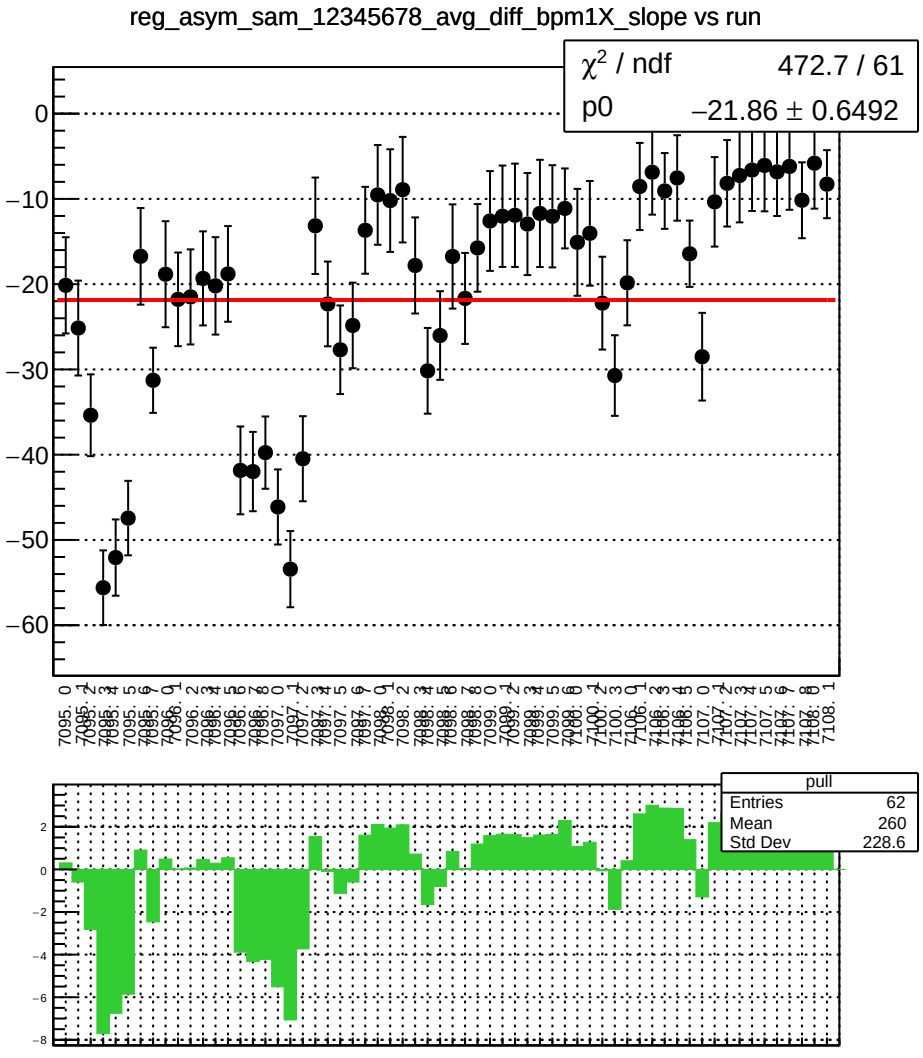

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs run
χ² / ndf 329.1 / 61
p0 16.06 ± 0.2186
pull
Entries 62
Mean 213.1
Std Dev 181.3

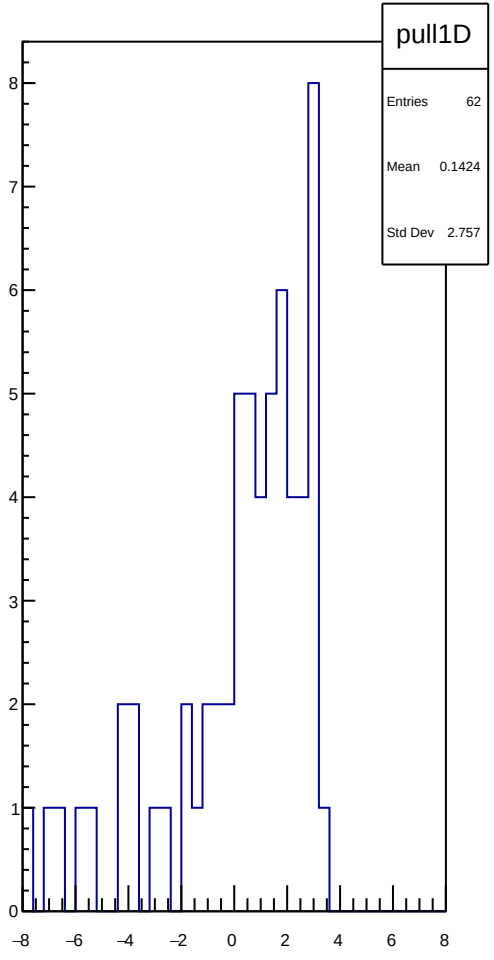

pull1D
Entries 62
Mean 0.1581
Std Dev 2.299

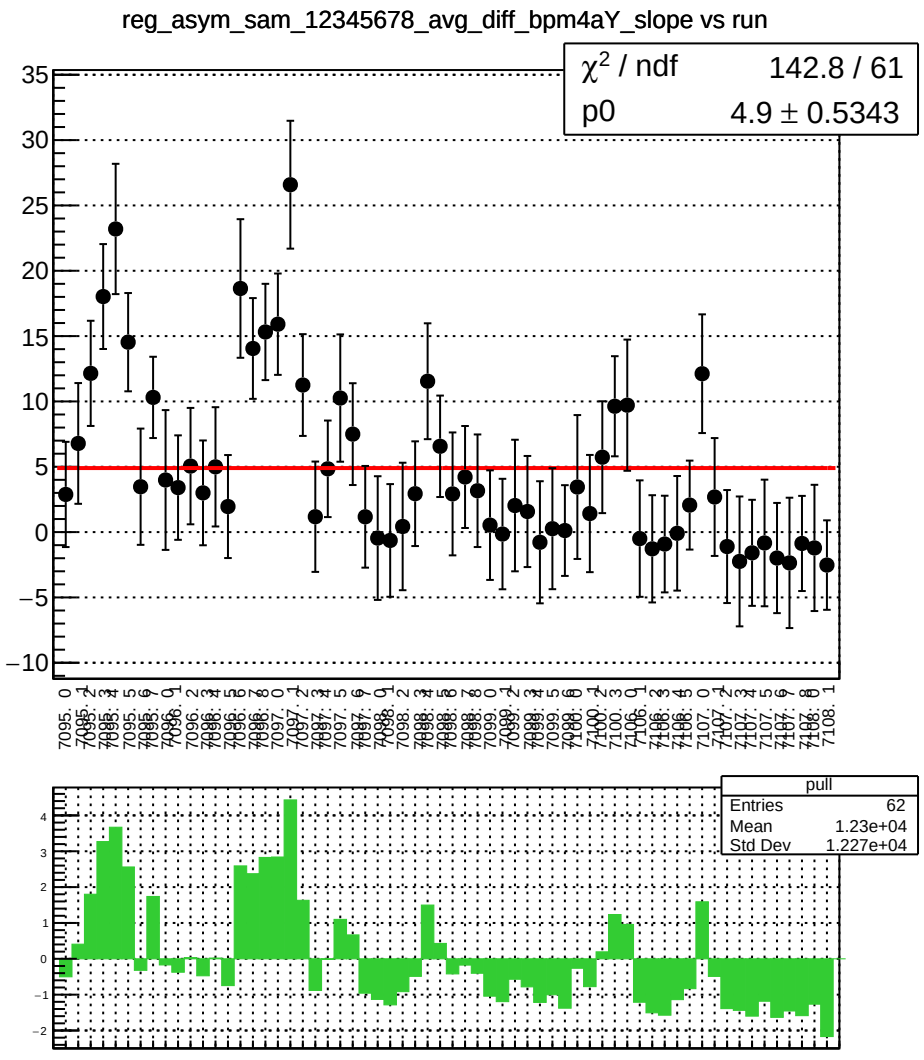

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs run
χ² / ndf 103.7 / 61
p0 −4.37 ± 0.1975
pull
Entries 62
Mean 373.9
Std Dev 342.5

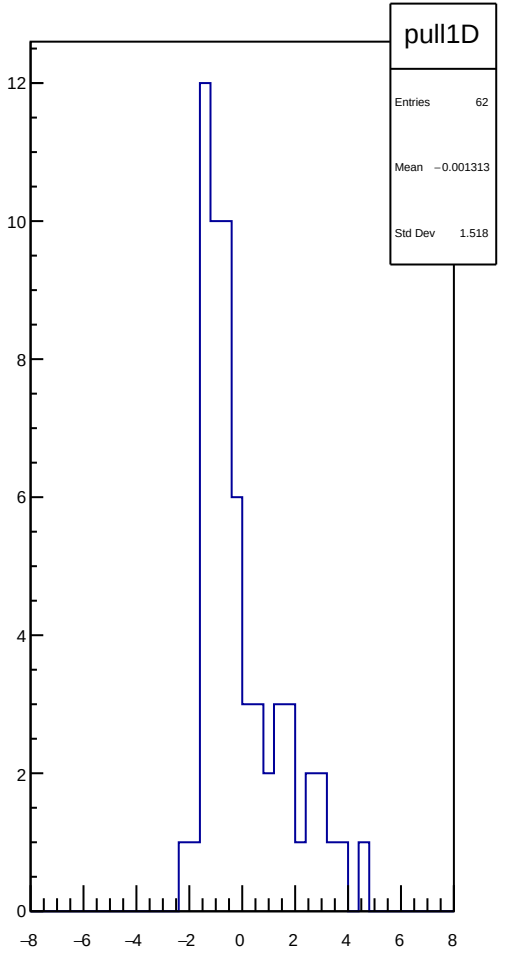

pull1D
Entries 62
Mean −0.04143
Std Dev 1.293

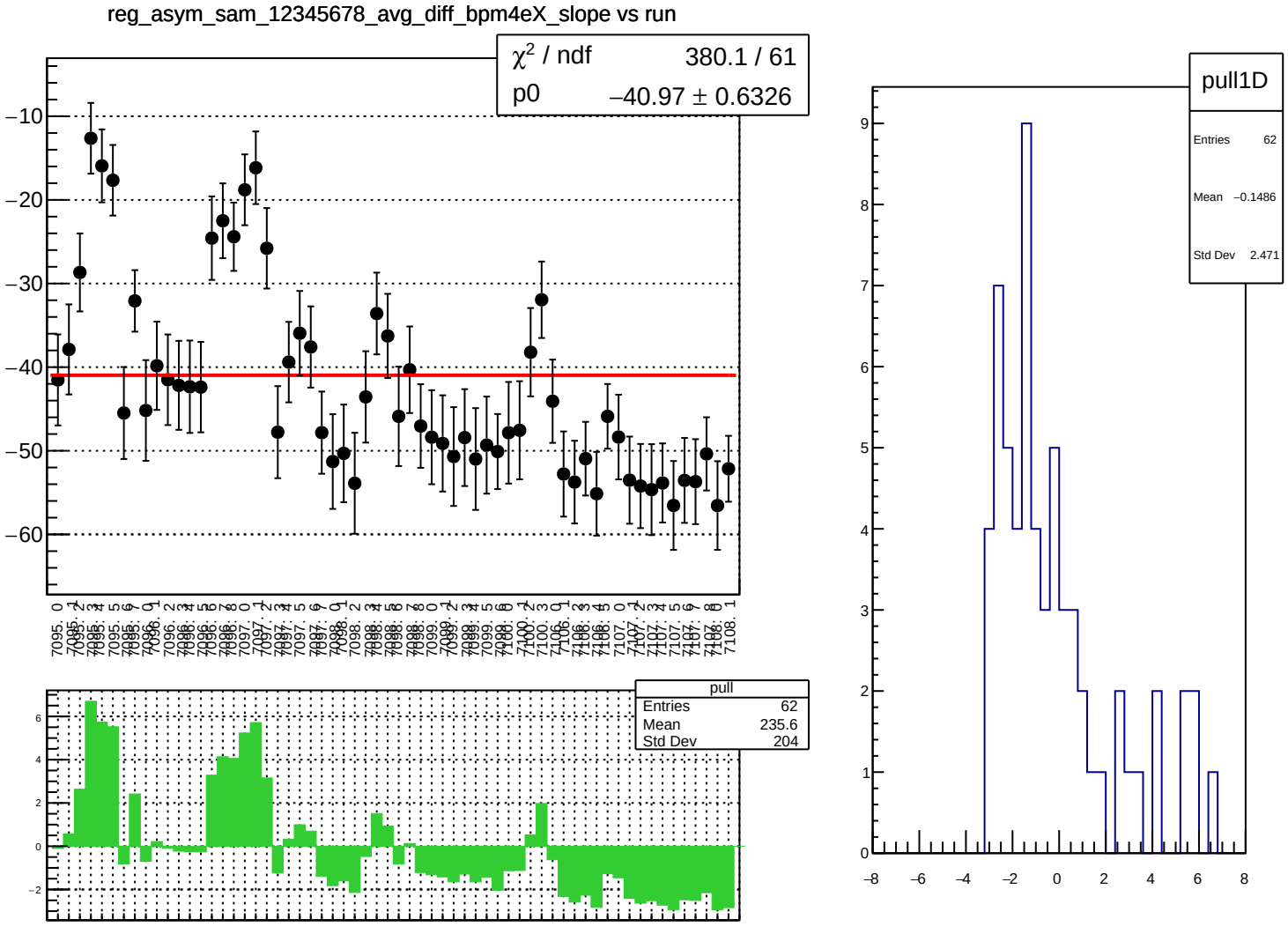

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs run
χ² / ndf 10.99 / 61
p0 0.03767 ± 0.009134
pull
Entries 62
Mean −476
Std Dev 511.4
pull1D
Entries 62
Mean 0.00541
Std Dev 0.421

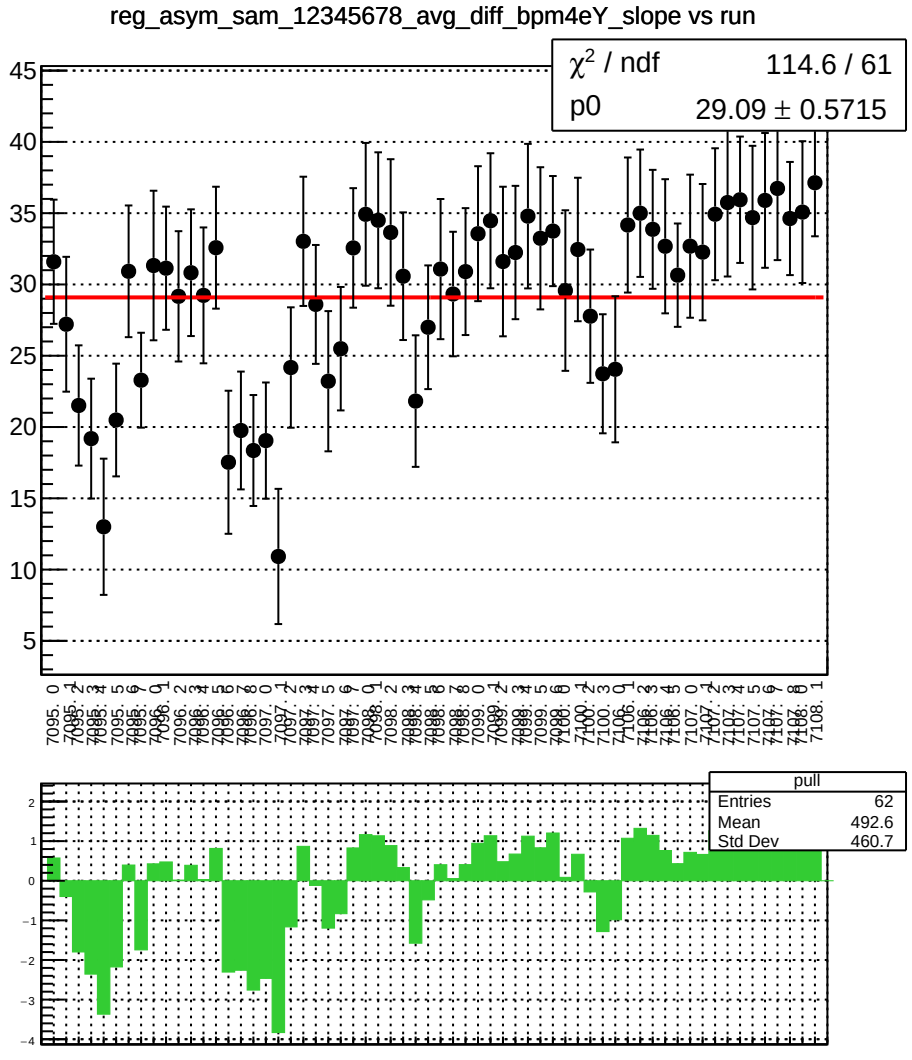

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs run
χ² / ndf 472.7 / 61
p0 −21.86 ± 0.6492
pull
Entries 62
Mean 260
Std Dev 228.6

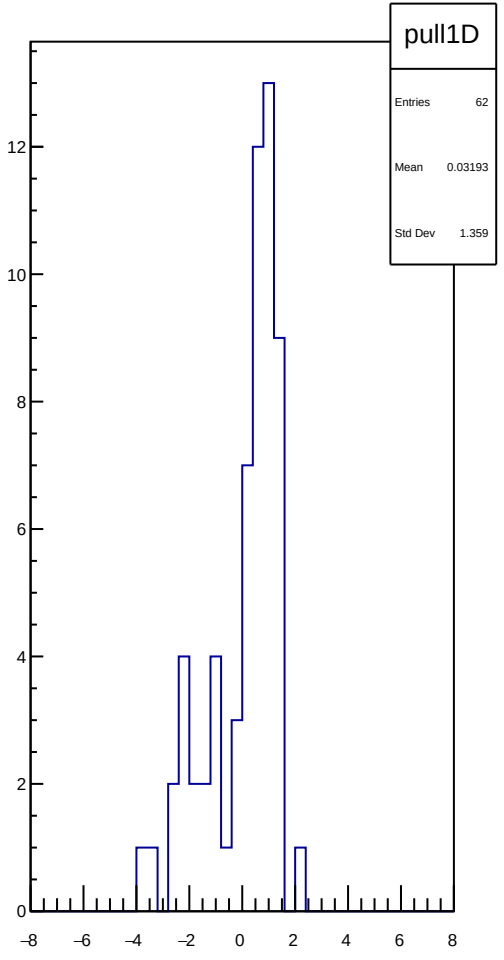

pull1D
Entries 62
Mean 0.1424
Std Dev 2.757

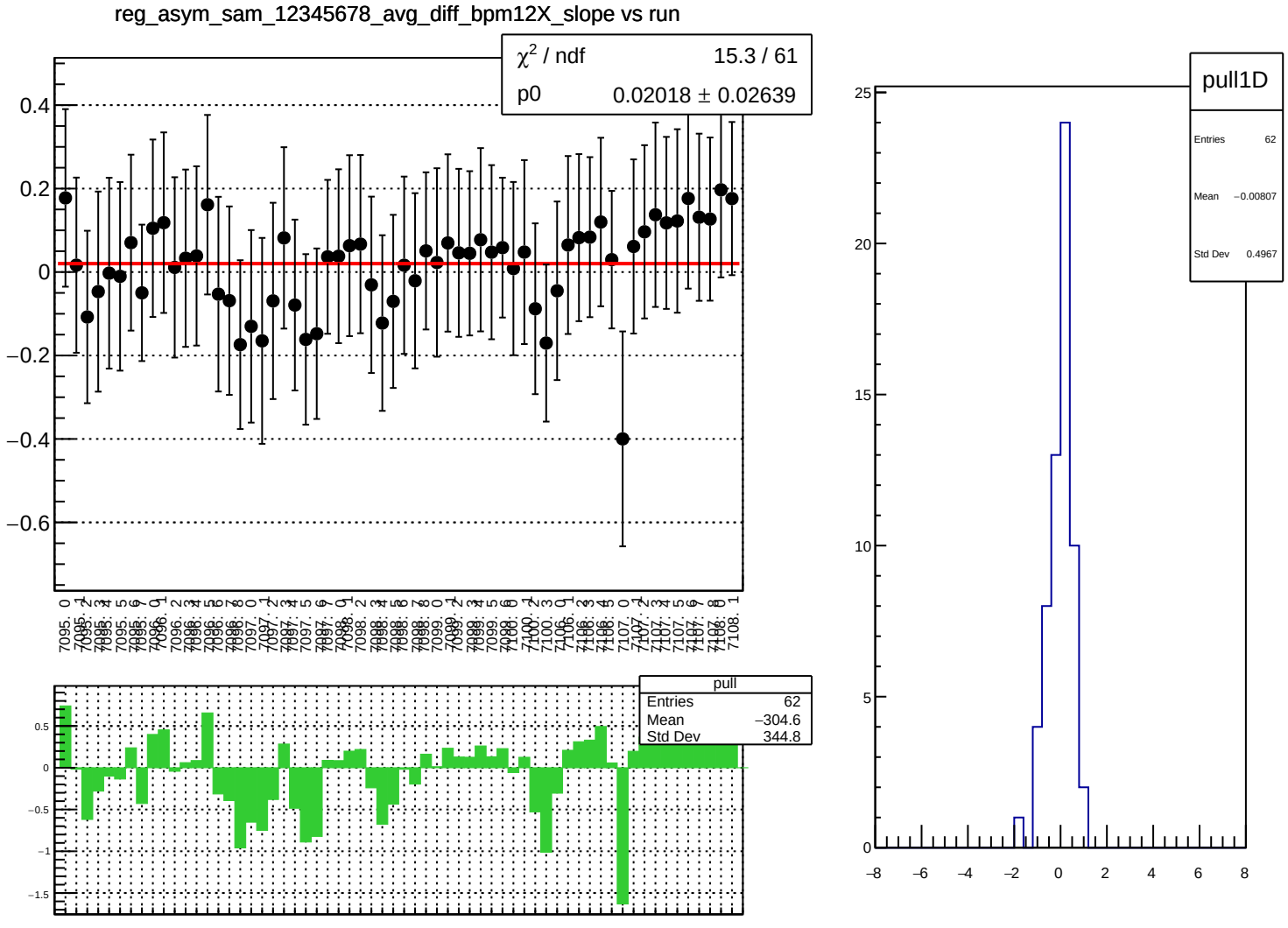

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs run
χ² / ndf 142.8 / 61
p0 4.9 ± 0.5343
pull
Entries 62
Mean 1.23e+04
Std Dev 1.227e+04

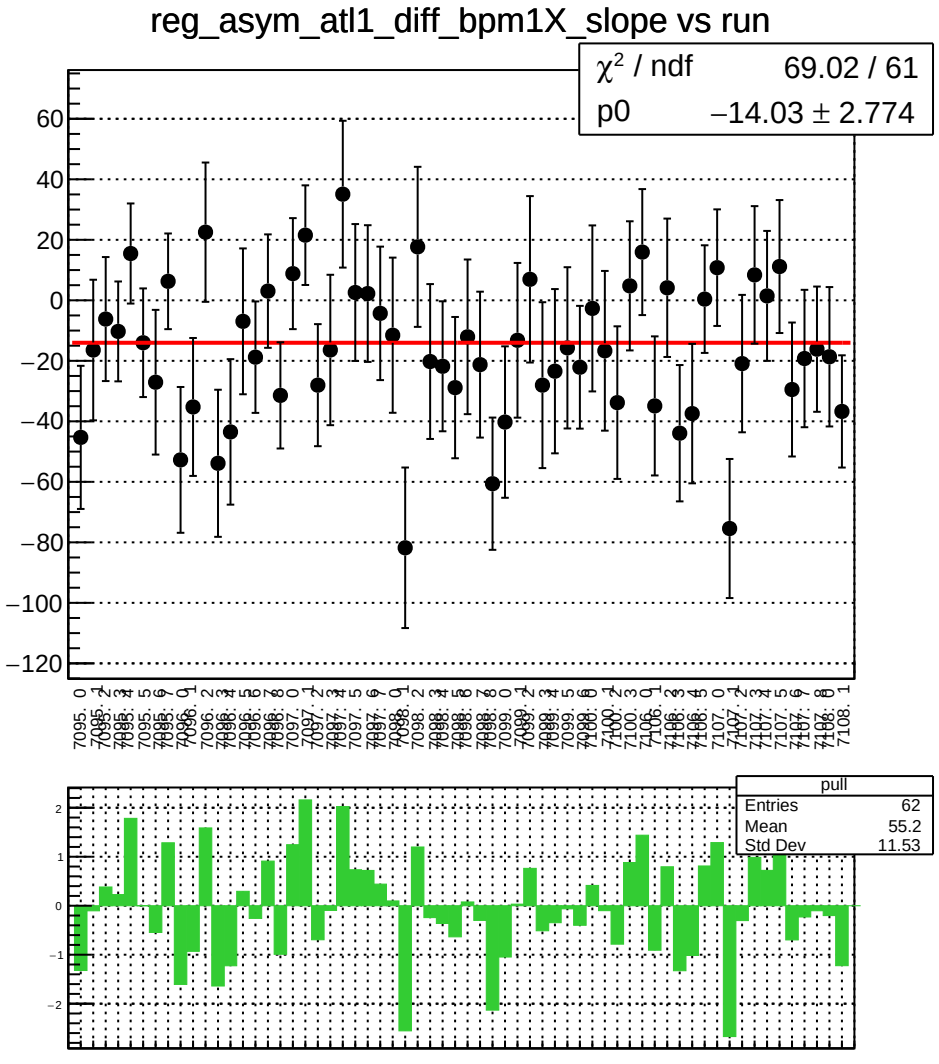

pull1D
Entries 62
Mean −0.001313
Std Dev 1.518

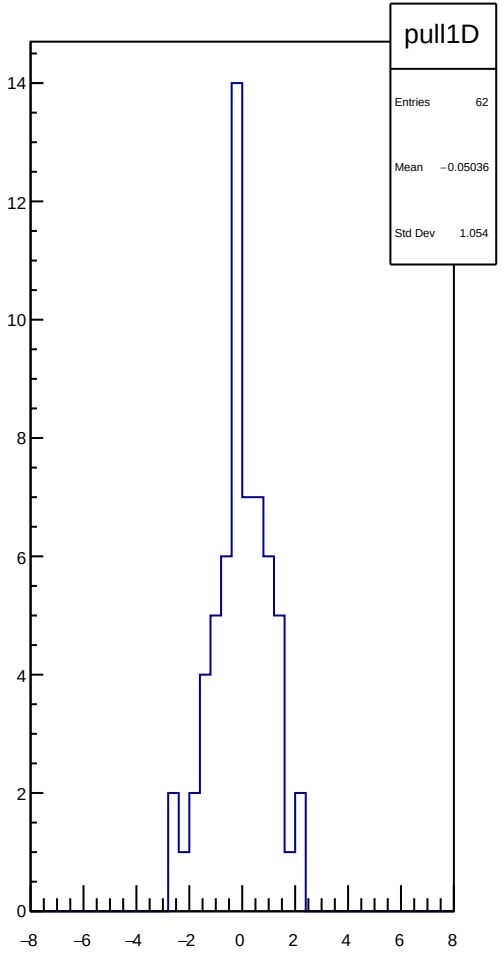

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs run
χ² / ndf 380.1 / 61
p0 −40.97 ± 0.6326
pull
Entries 62
Mean 235.6
Std Dev 204
pull1D
Entries 62
Mean −0.1486
Std Dev 2.471

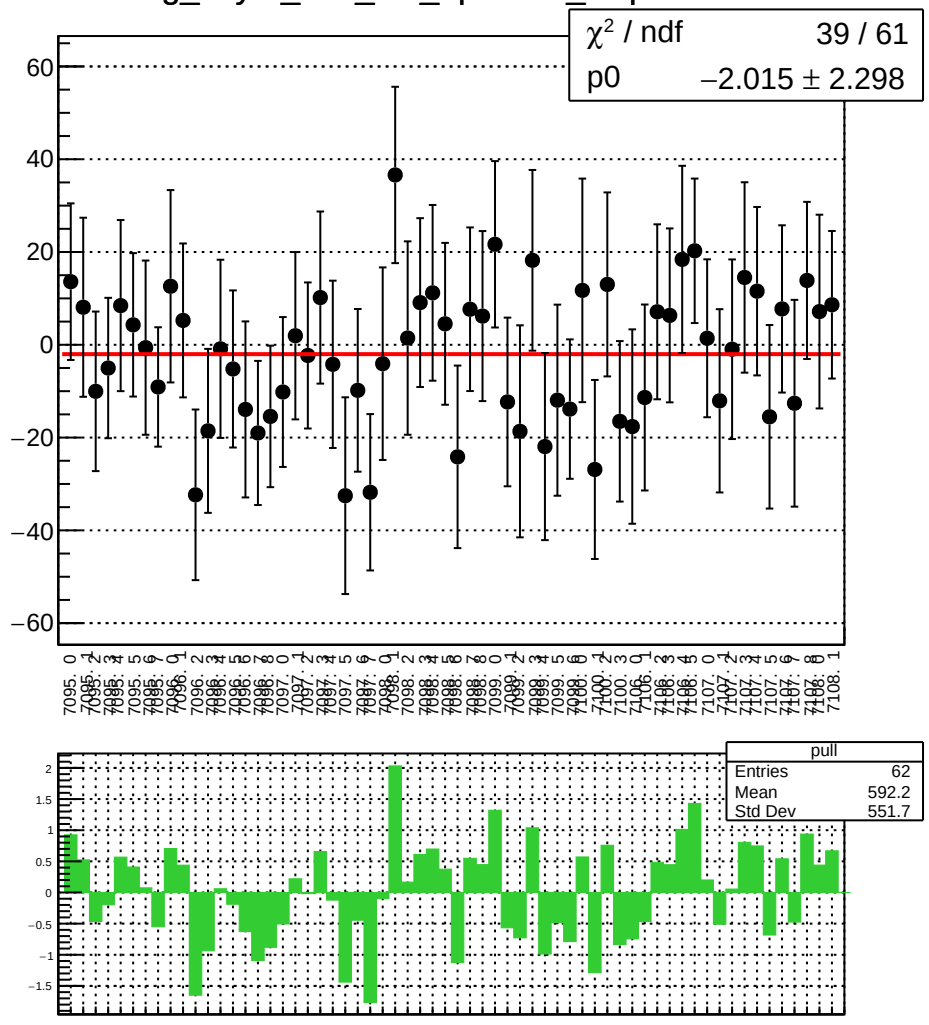

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs run
χ² / ndf 114.6 / 61
p0 29.09 ± 0.5715
pull
Entries 62
Mean 492.6
Std Dev 460.7

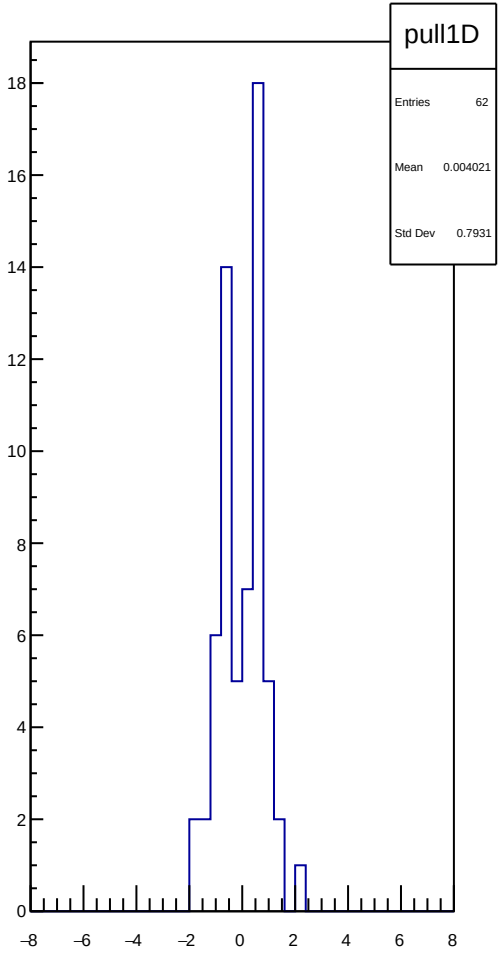

pull1D
Entries 62
Mean 0.03193
Std Dev 1.359

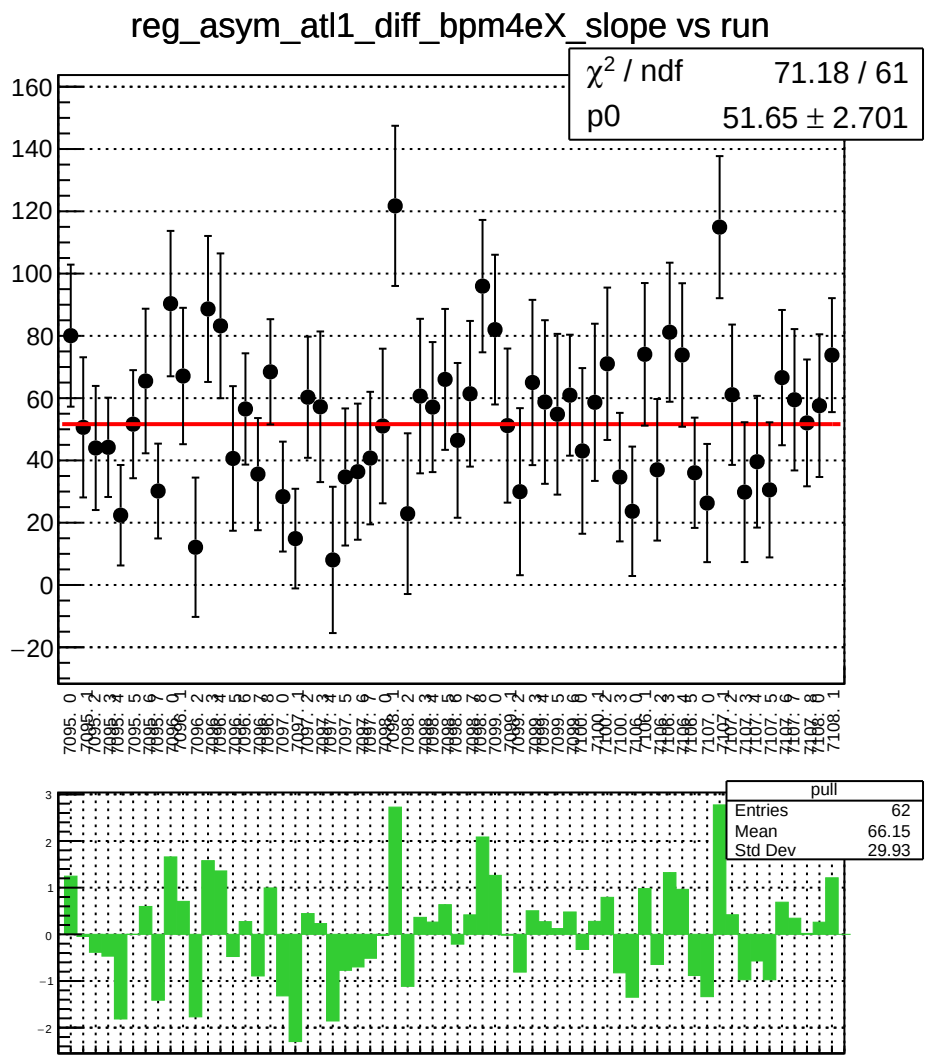

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs run
χ² / ndf 15.3 / 61
p0 0.02018 ± 0.02639
pull
Entries 62
Mean −304.6
Std Dev 344.8
pull1D
Entries 62
Mean −0.00807
Std Dev 0.4967

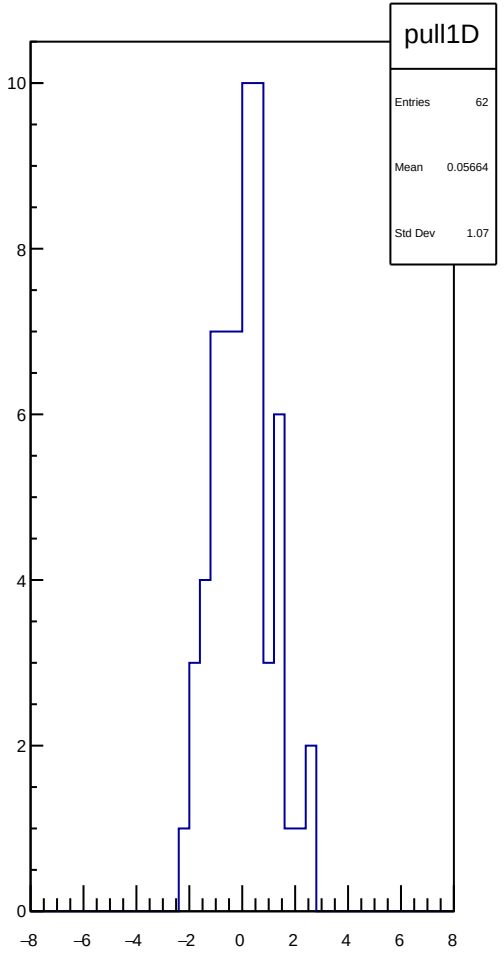

reg_asym_atl1_diff_bpm1X_slope vs run
χ² / ndf 69.02 / 61
p0 −14.03 ± 2.774
pull
Entries 62
Mean 55.2
Std Dev 11.53

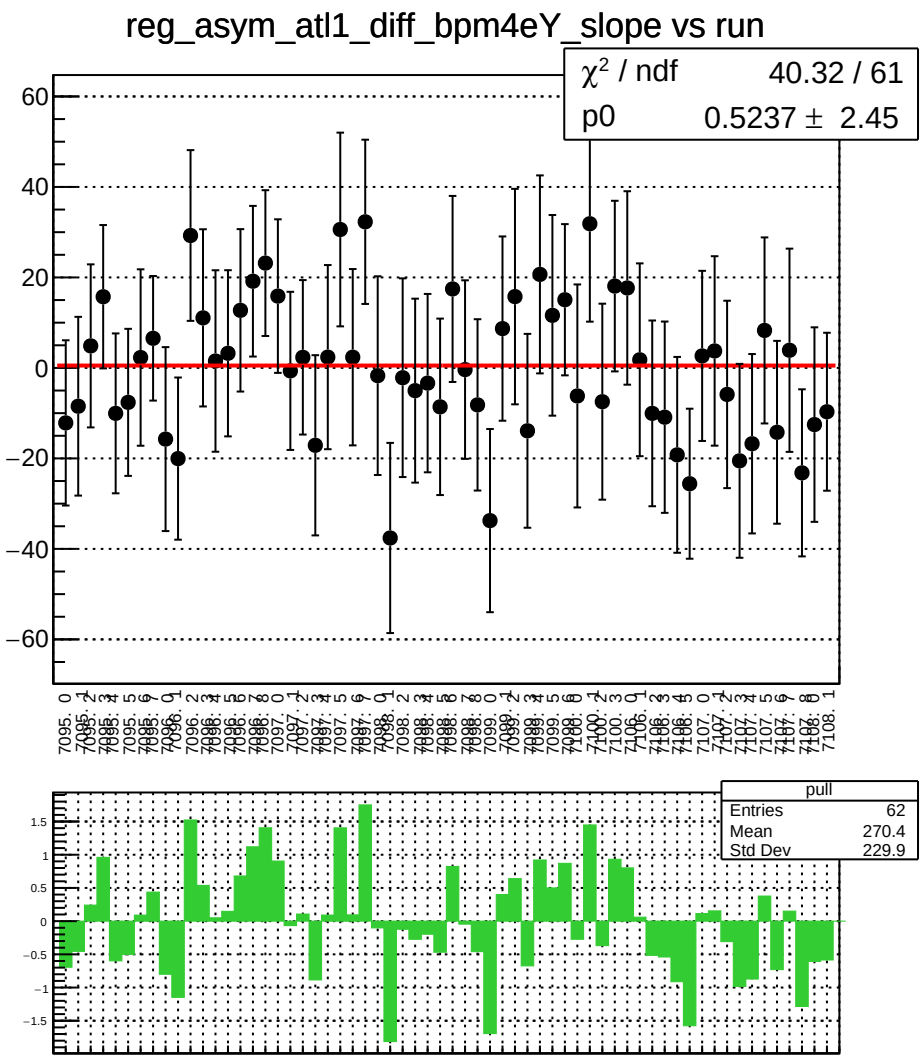

pull1D
Entries 62
Mean −0.05036
Std Dev 1.054

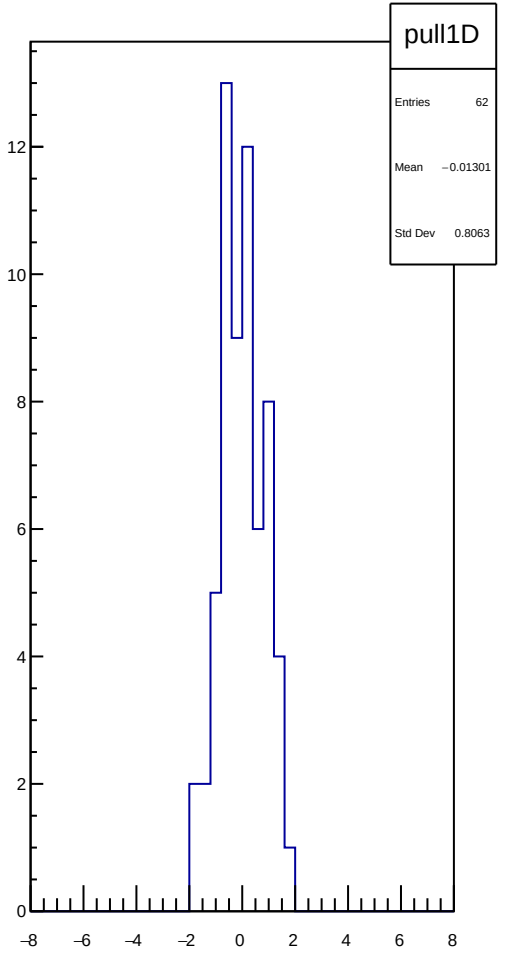

reg_asym_atl1_diff_bpm4aY_slope vs run
χ² / ndf 39 / 61
p0 −2.015 ± 2.298
pull
Entries 62
Mean 592.2
Std Dev 551.7

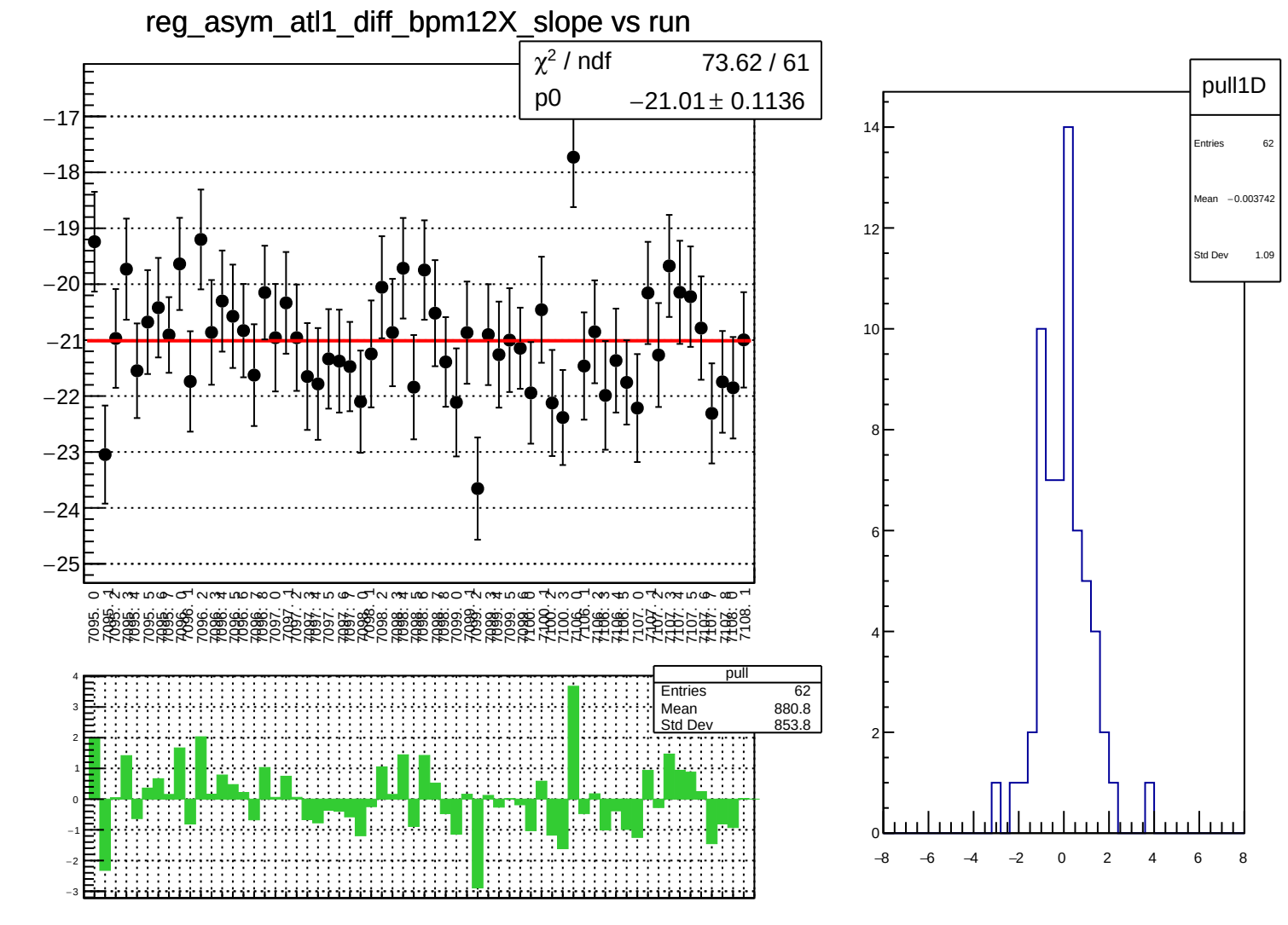

pull1D
Entries 62
Mean 0.004021
Std Dev 0.7931

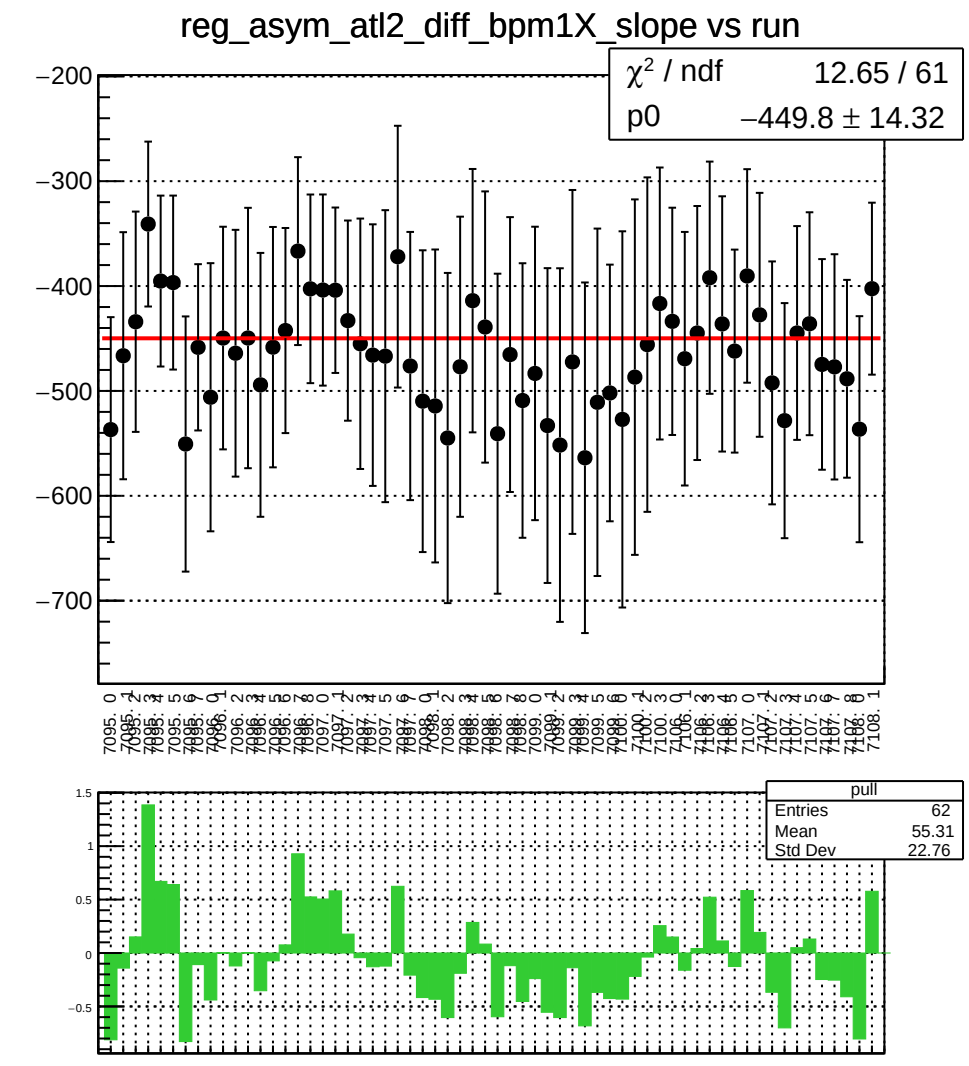

reg_asym_atl1_diff_bpm4eX_slope vs run
χ² / ndf 71.18 / 61
p0 51.65 ± 2.701
pull
Entries 62
Mean 66.15
Std Dev 29.93

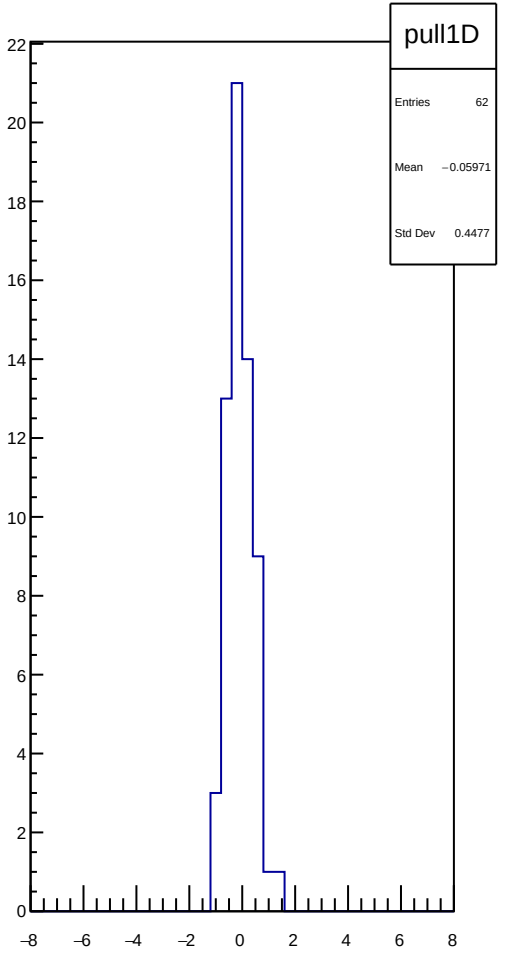

pull1D
Entries 62
Mean 0.05664
Std Dev 1.07

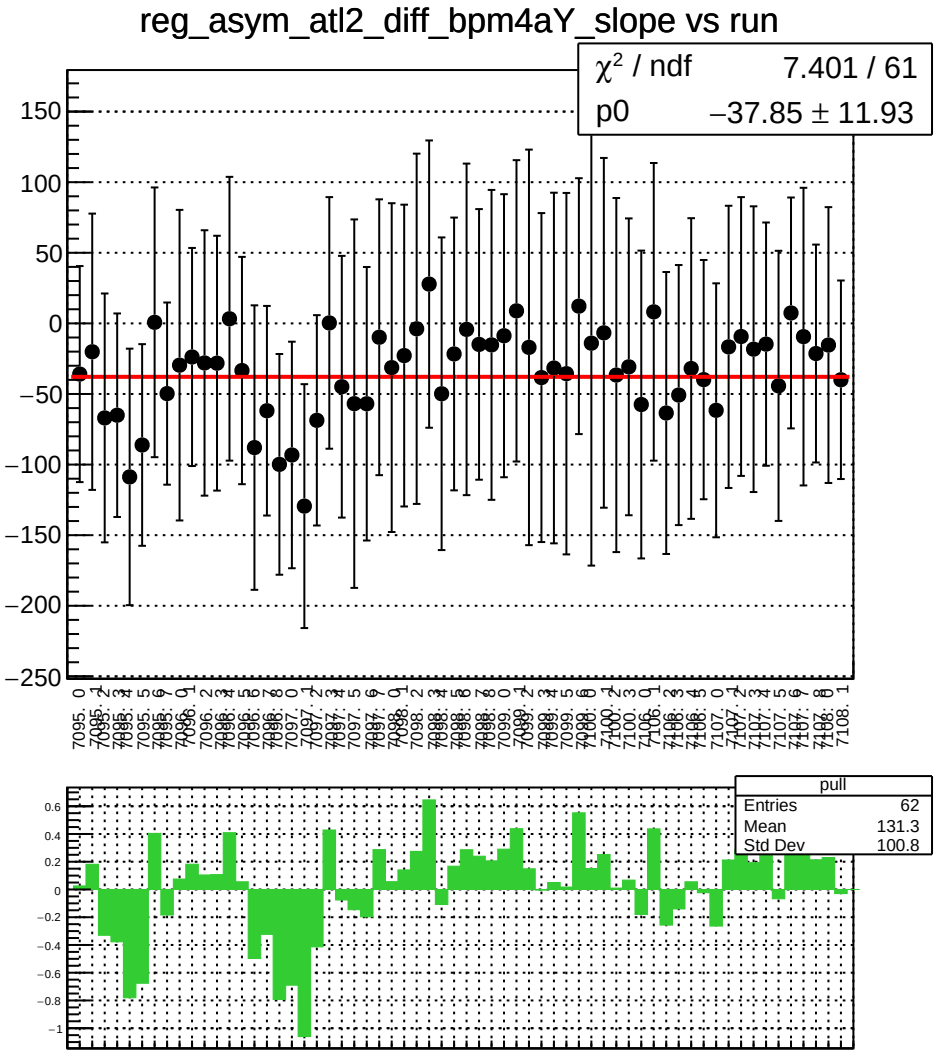

reg_asym_atl1_diff_bpm4eY_slope vs run
χ² / ndf 40.32 / 61
p0 0.5237 ± 2.45
pull
Entries 62
Mean 270.4
Std Dev 229.9

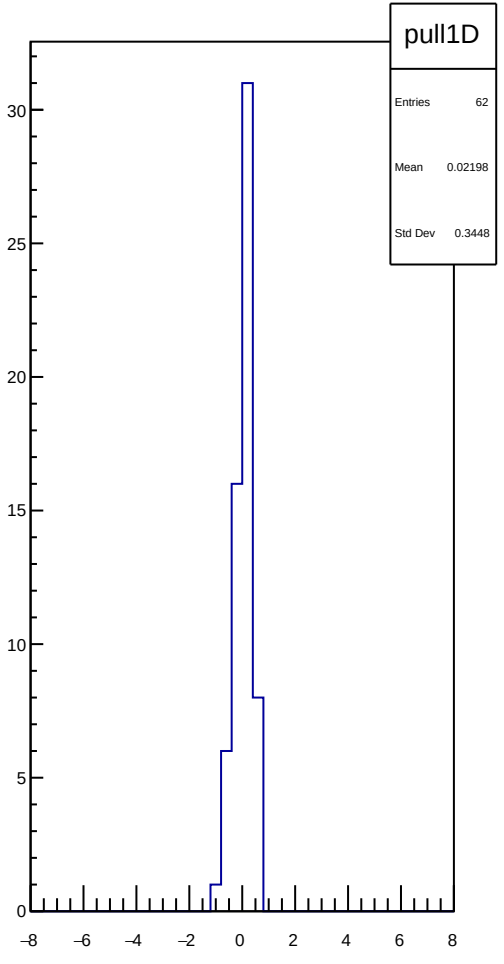

pull1D
Entries 62
Mean −0.01301
Std Dev 0.8063

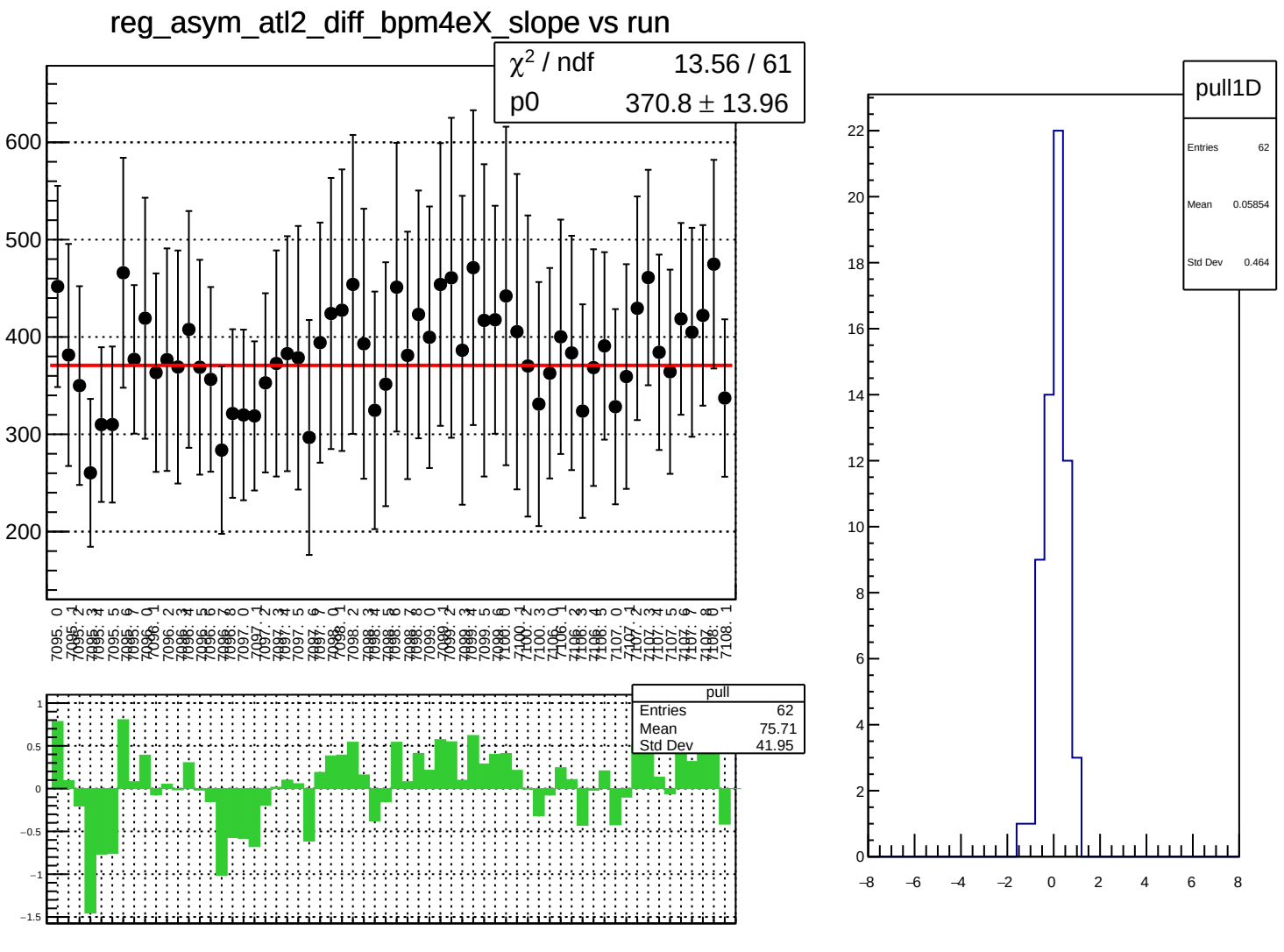

reg_asym_atl1_diff_bpm12X_slope vs run
χ² / ndf 73.62 / 61
p0 −21.01 ± 0.1136
pull
Entries 62
Mean 880.8
Std Dev 853.8
pull1D
Entries 62
Mean −0.003742
Std Dev 1.09

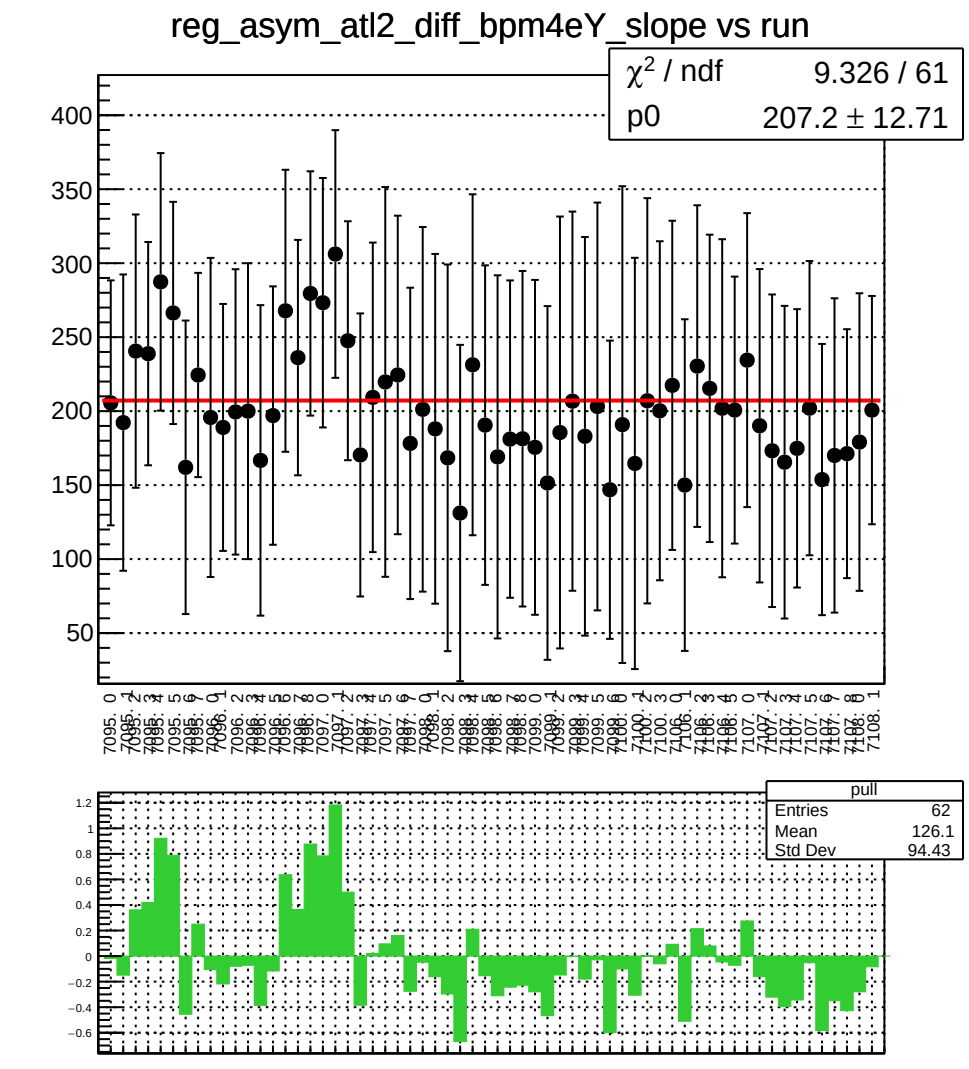

reg_asym_atl2_diff_bpm1X_slope vs run
χ² / ndf 12.65 / 61
p0 −449.8 ± 14.32
pull
Entries 62
Mean 55.31
Std Dev 22.76

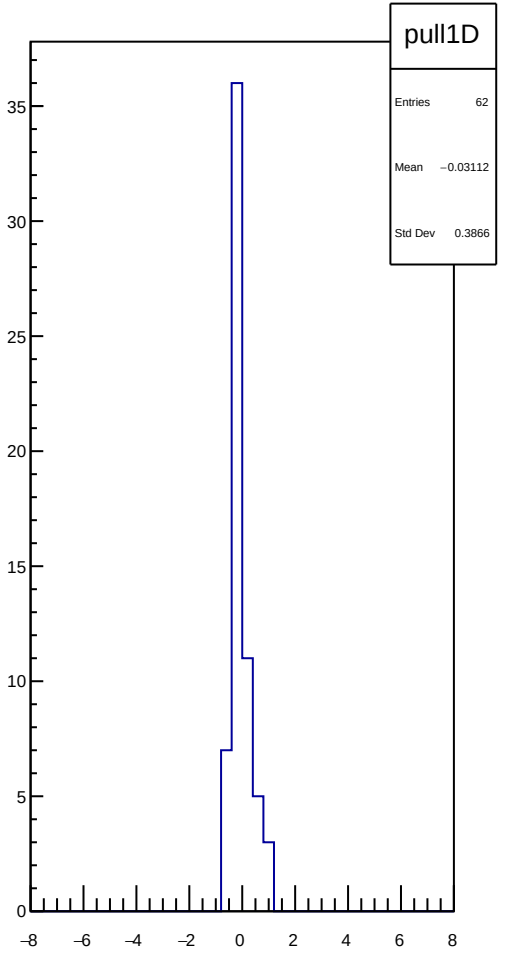

pull1D
Entries 62
Mean −0.05971
Std Dev 0.4477

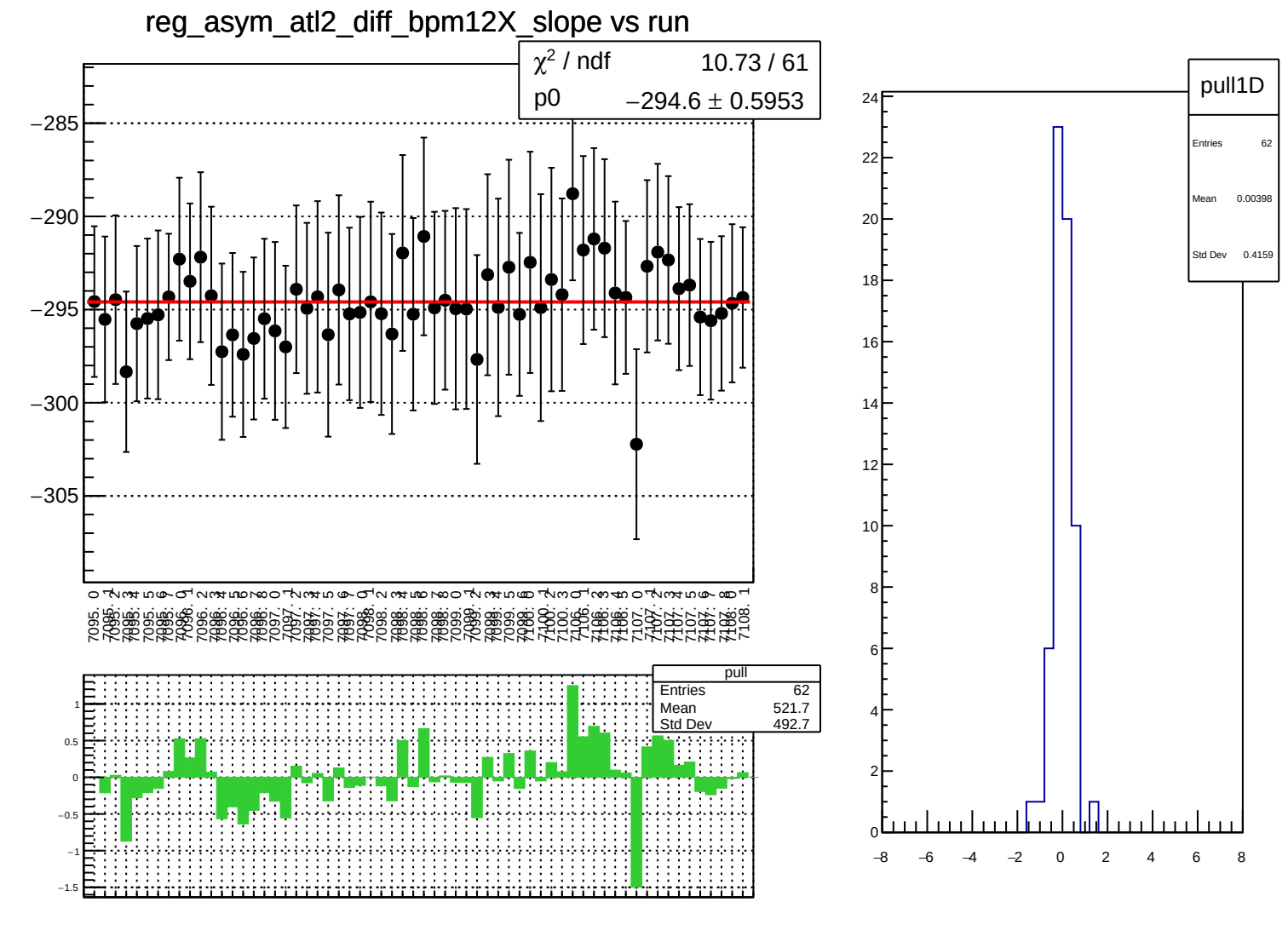

reg_asym_atl2_diff_bpm4aY_slope vs run
χ² / ndf 7.401 / 61
p0 −37.85 ± 11.93
pull
Entries 62
Mean 131.3
Std Dev 100.8

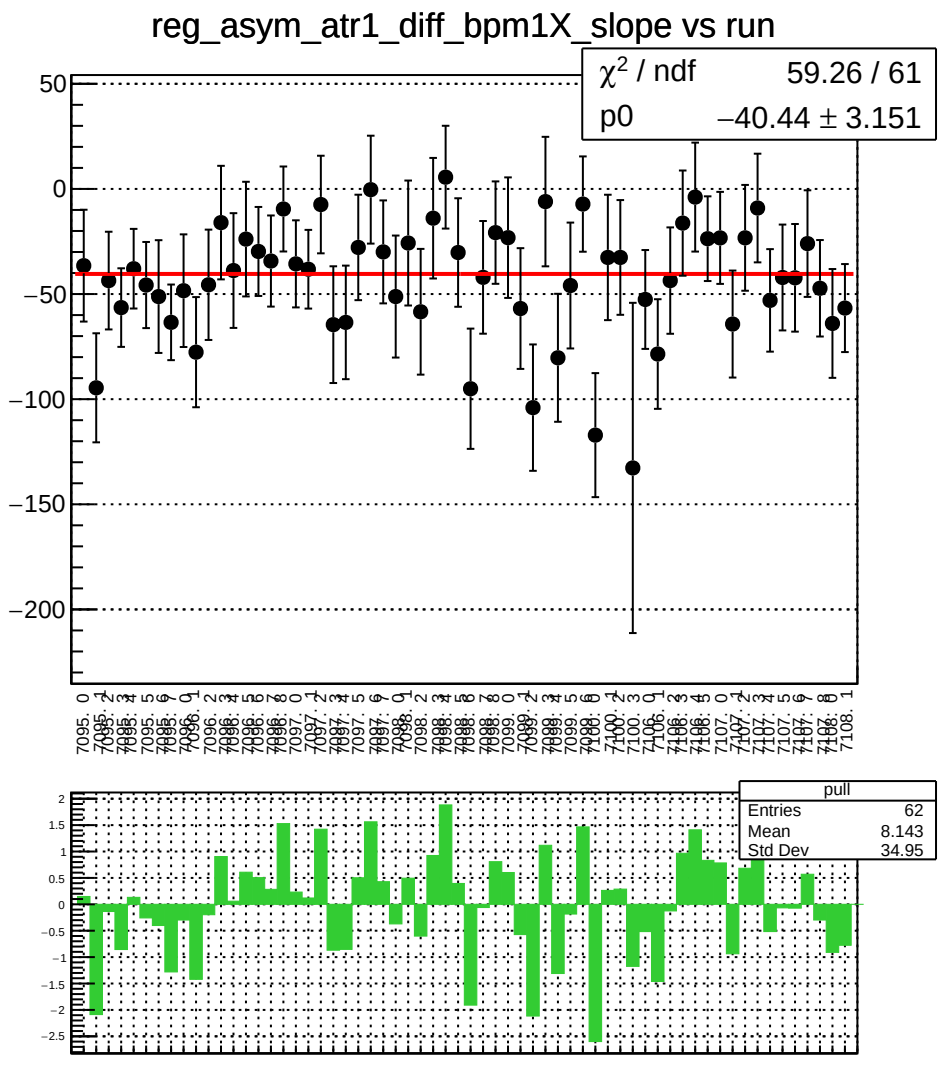

pull1D
Entries 62
Mean 0.02198
Std Dev 0.3448

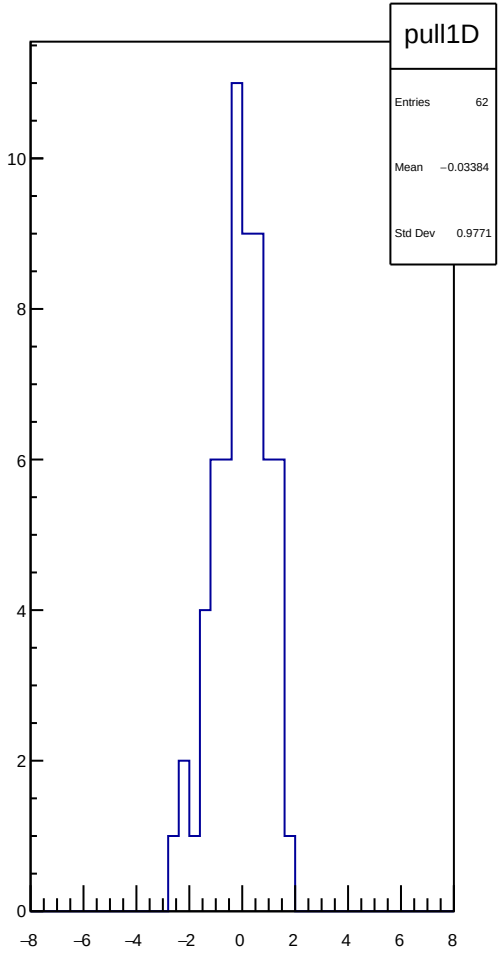

reg_asym_atl2_diff_bpm4eX_slope vs run
χ² / ndf 13.56 / 61
p0 370.8 ± 13.96
600
500
400
300
200
pull
Entries 62
Mean 75.71
Std Dev 41.95
1
0.5
0
−0.5
−1
−1.5
pull1D
Entries 62
Mean 0.05854
Std Dev 0.464
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

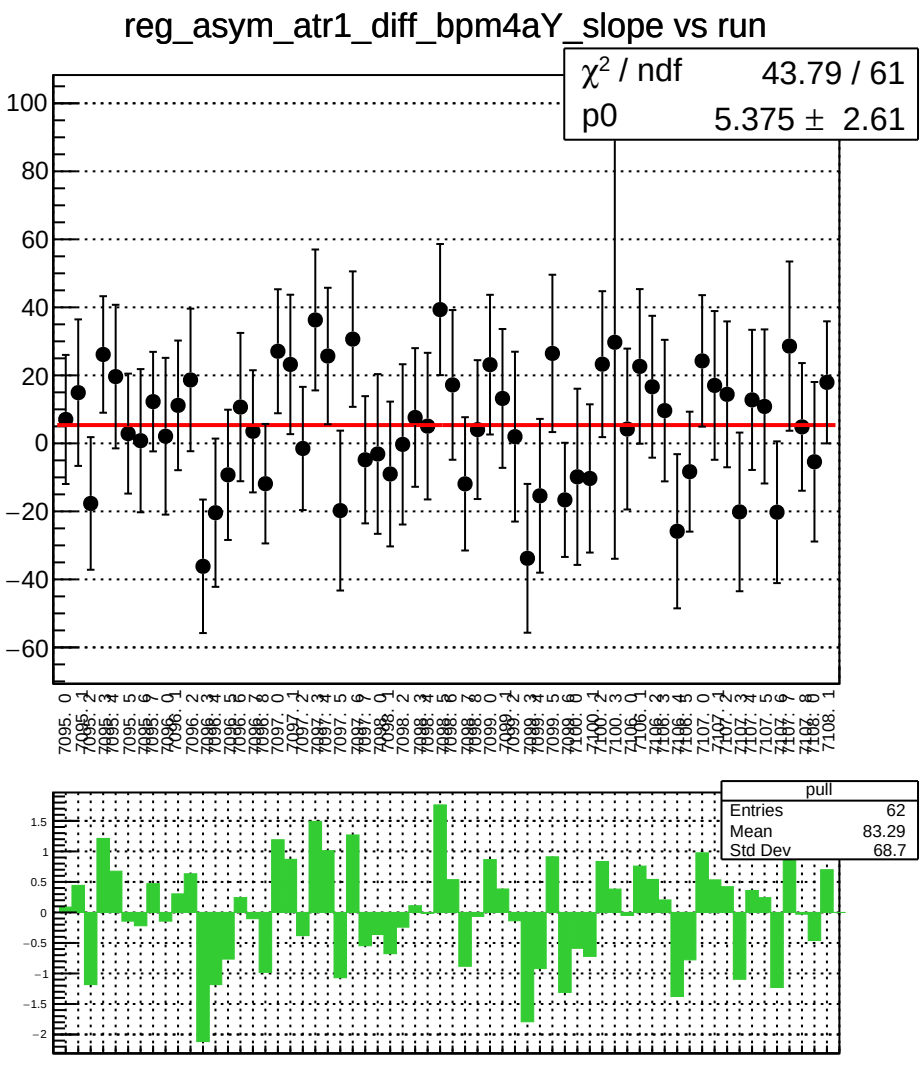

reg_asym_atl2_diff_bpm4eY_slope vs run
χ² / ndf 9.326 / 61
p0 207.2 ± 12.71
pull
Entries 62
Mean 126.1
Std Dev 94.43

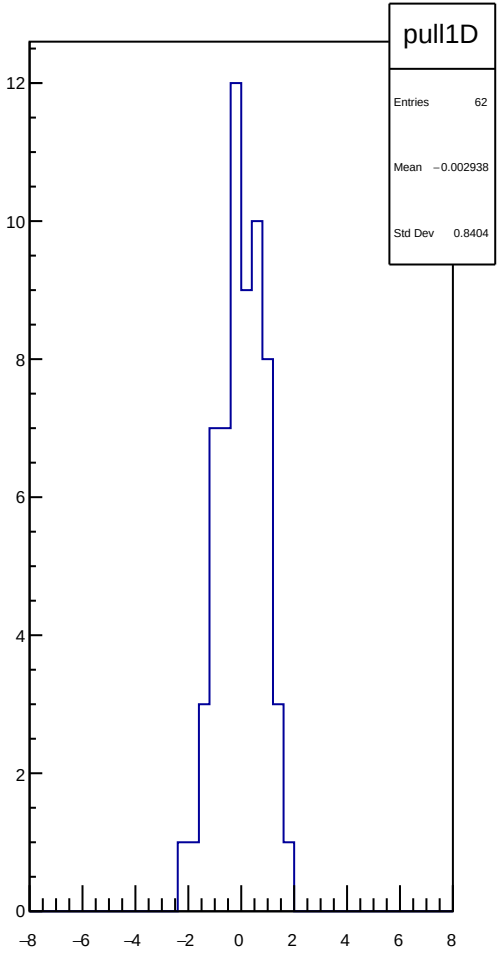

pull1D
Entries 62
Mean −0.03112
Std Dev 0.3866

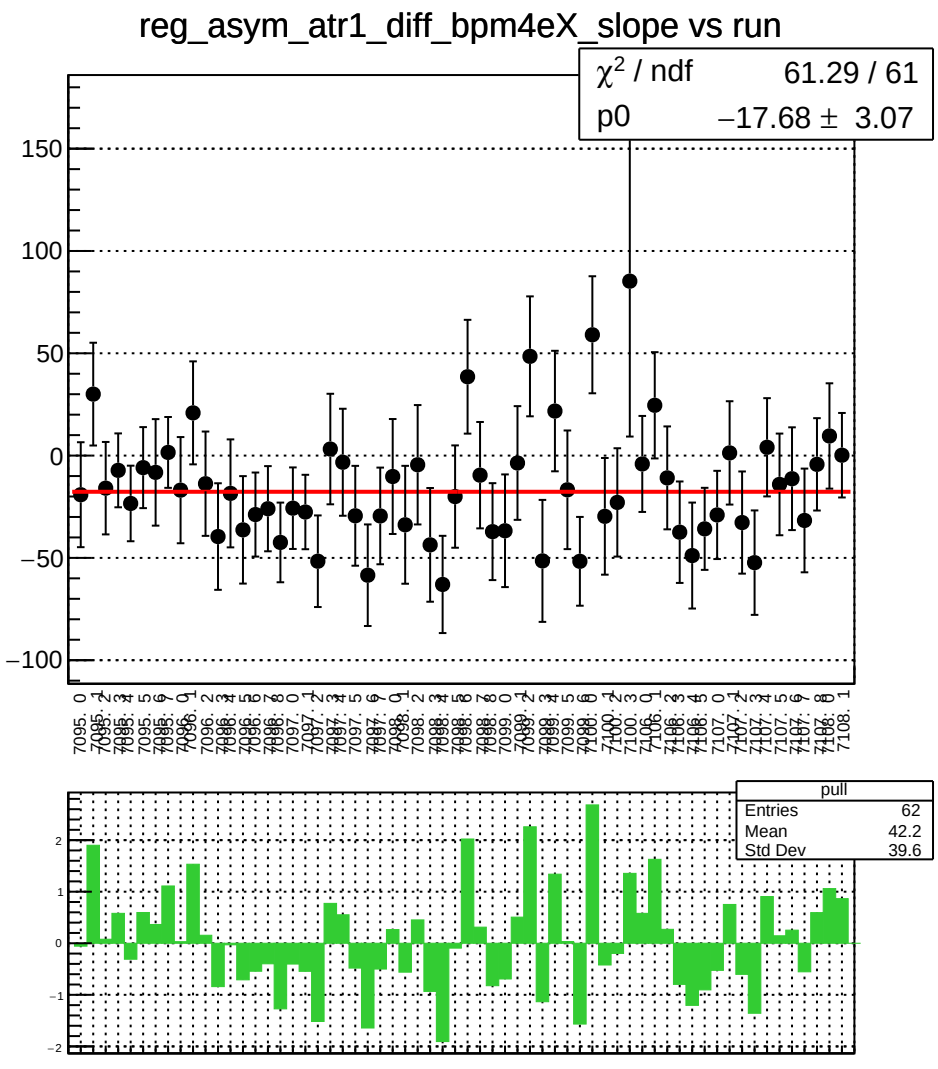

reg_asym_atl2_diff_bpm12X_slope vs run
χ² / ndf 10.73 / 61
p0 −294.6 ± 0.5953
pull
Entries 62
Mean 521.7
Std Dev 492.7
pull1D
Entries 62
Mean 0.00398
Std Dev 0.4159

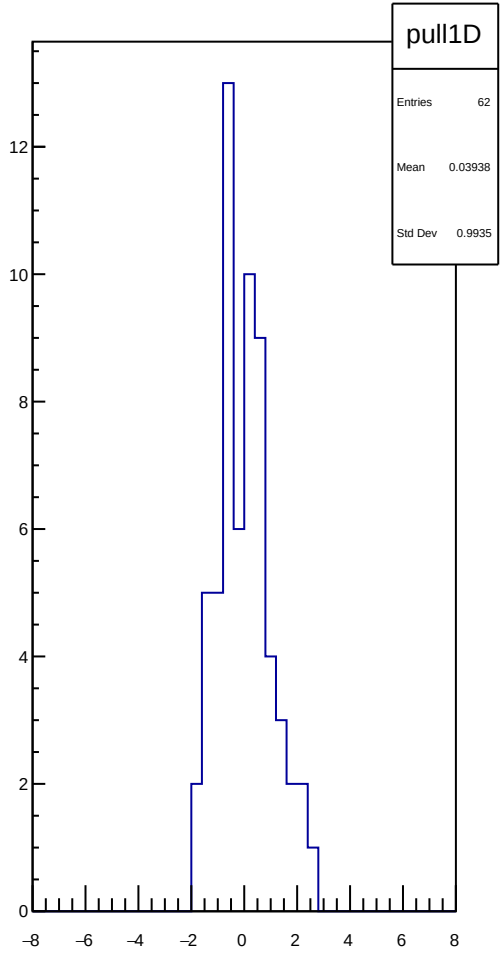

reg_asym_atr1_diff_bpm1X_slope vs run
χ² / ndf 59.26 / 61
p0 −40.44 ± 3.151
pull
Entries 62
Mean 8.143
Std Dev 34.95

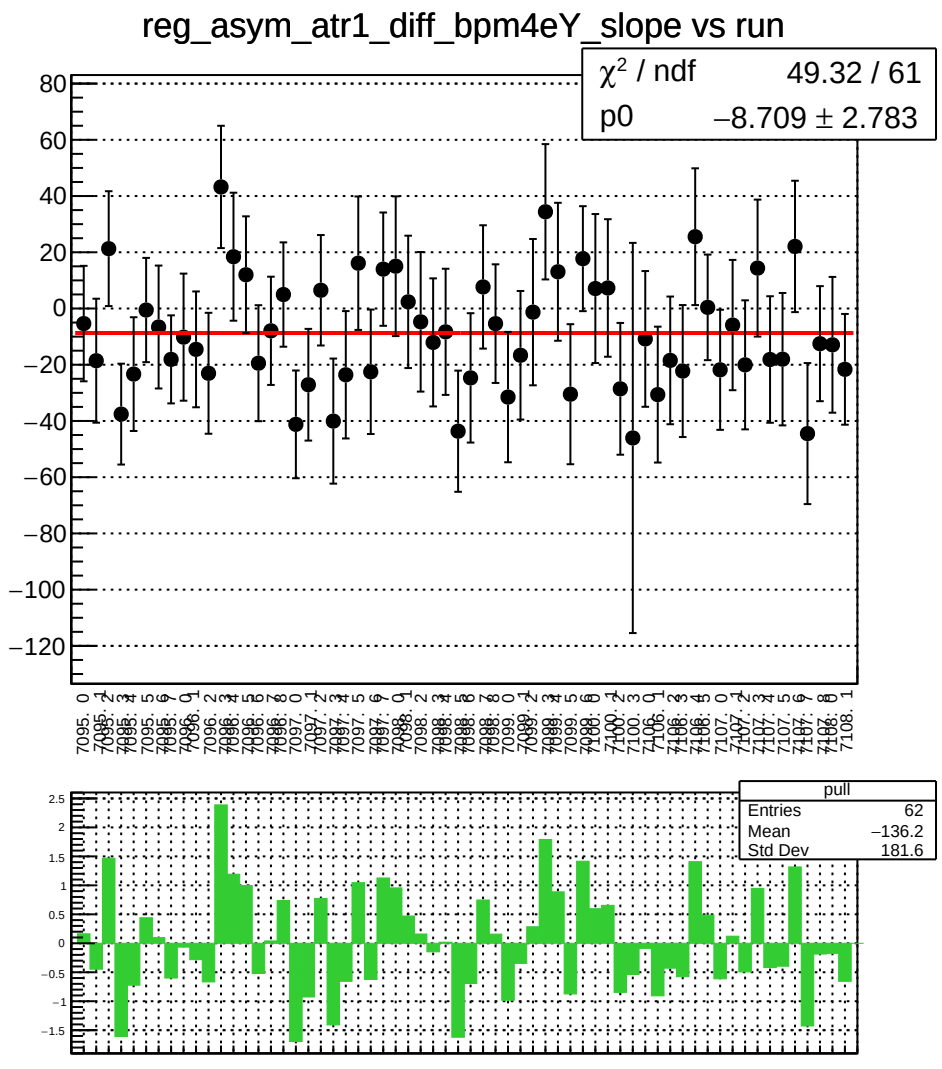

pull1D
Entries 62
Mean −0.03384
Std Dev 0.9771

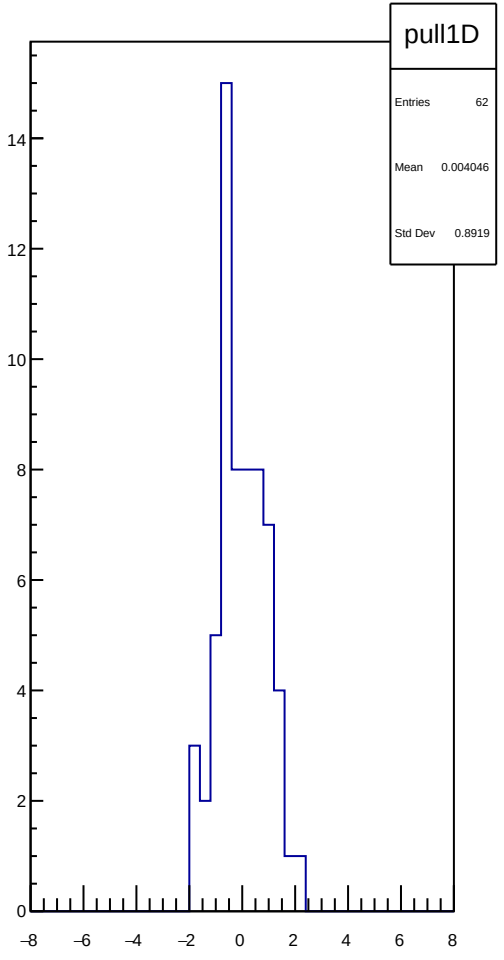

reg_asym_atr1_diff_bpm4aY_slope vs run
χ² / ndf 43.79 / 61
p0 5.375 ± 2.61
pull
Entries 62
Mean 83.29
Std Dev 68.7

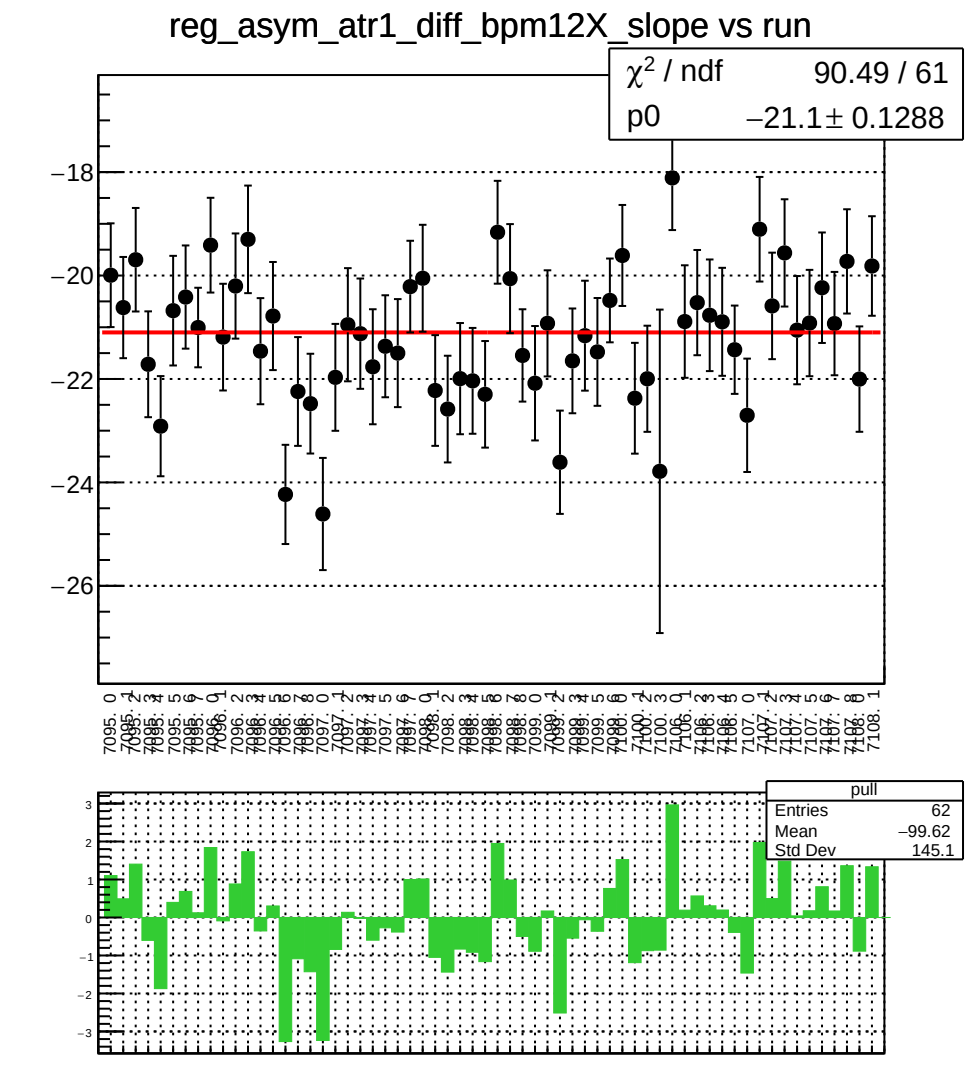

pull1D
Entries 62
Mean −0.002938
Std Dev 0.8404

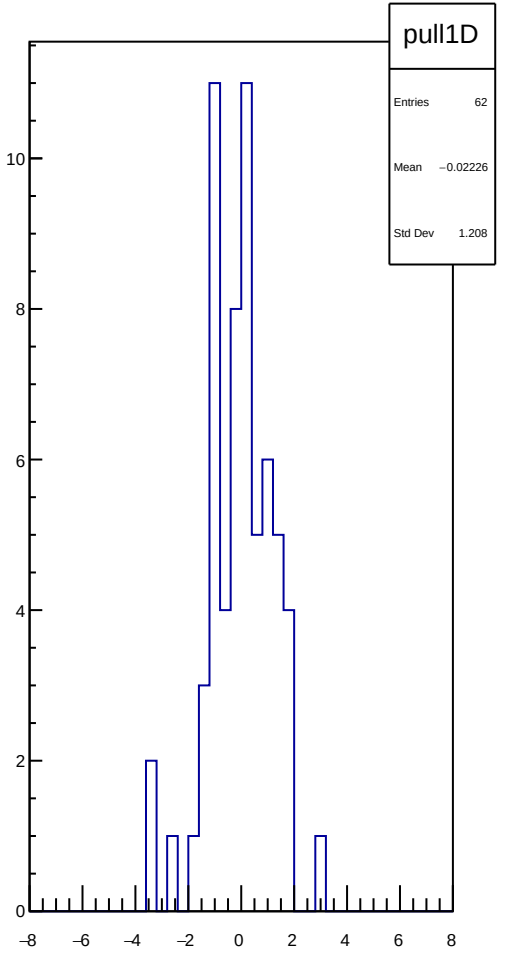

reg_asym_atr1_diff_bpm4eX_slope vs run
χ² / ndf 61.29 / 61
p0 −17.68 ± 3.07
150
100
50
0
−50
−100
pull
Entries 62
Mean 42.2
Std Dev 39.6
2
1
0
−1
−2

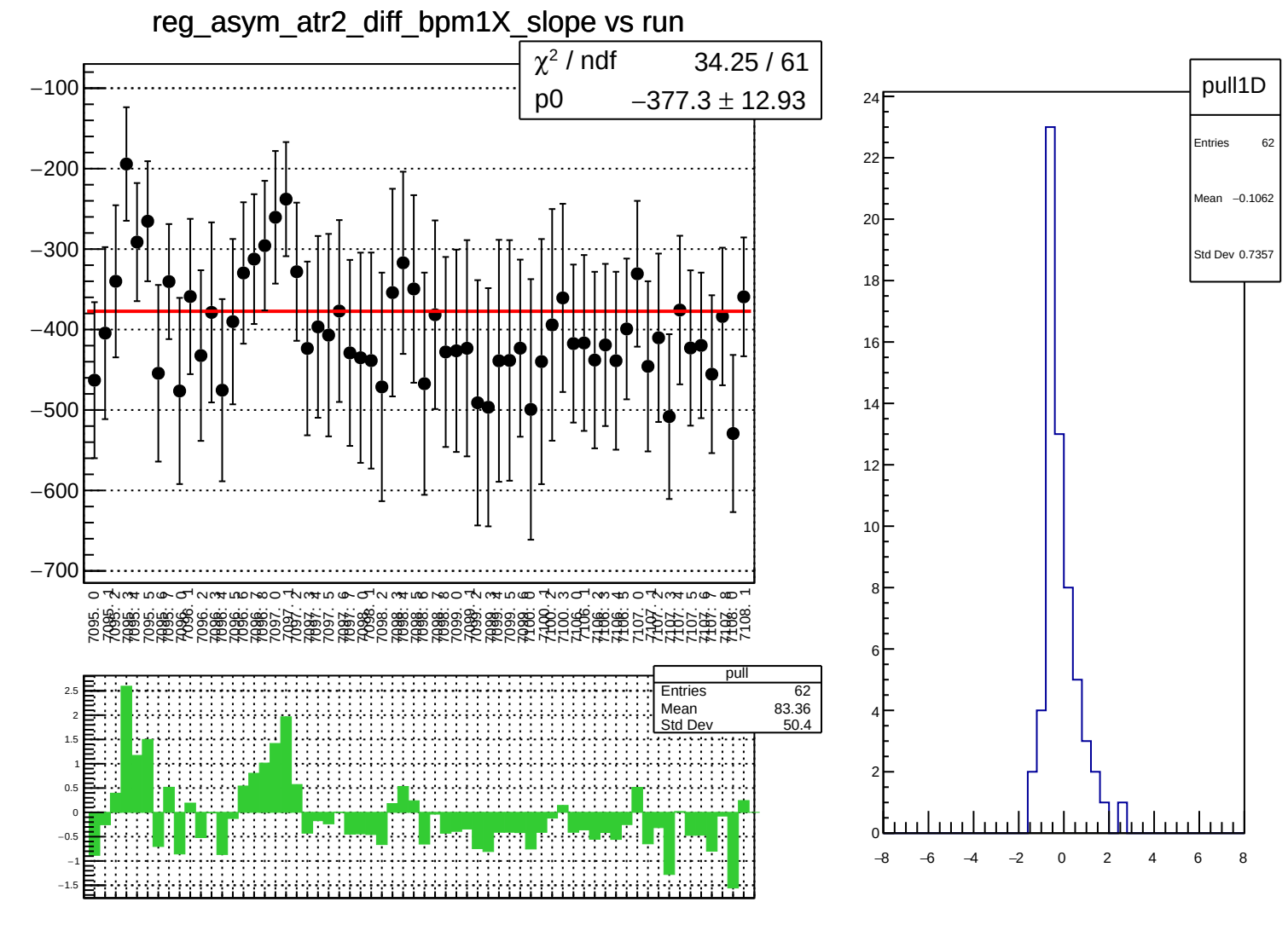

pull1D
Entries 62
Mean 0.03938
Std Dev 0.9935
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

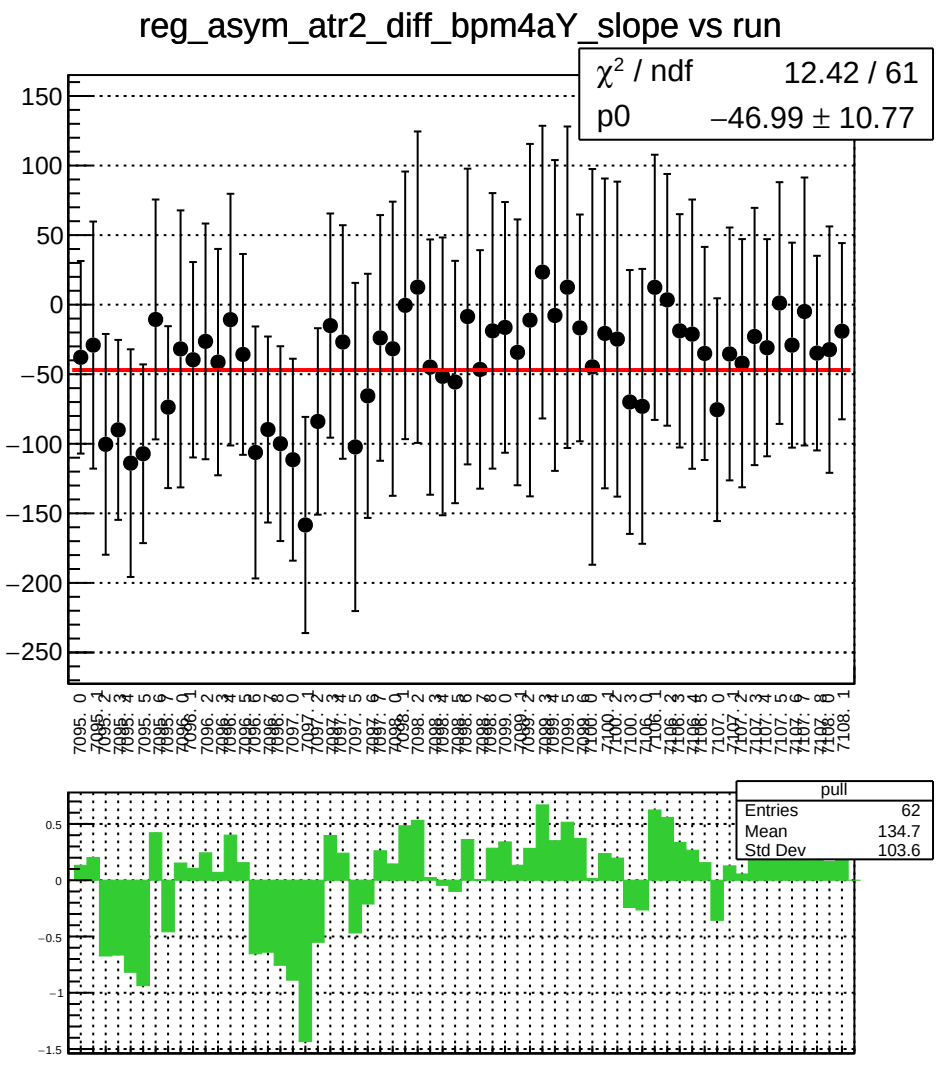

reg_asym_atr1_diff_bpm4eY_slope vs run
χ² / ndf 49.32 / 61
p0 −8.709 ± 2.783
pull
Entries 62
Mean −136.2
Std Dev 181.6

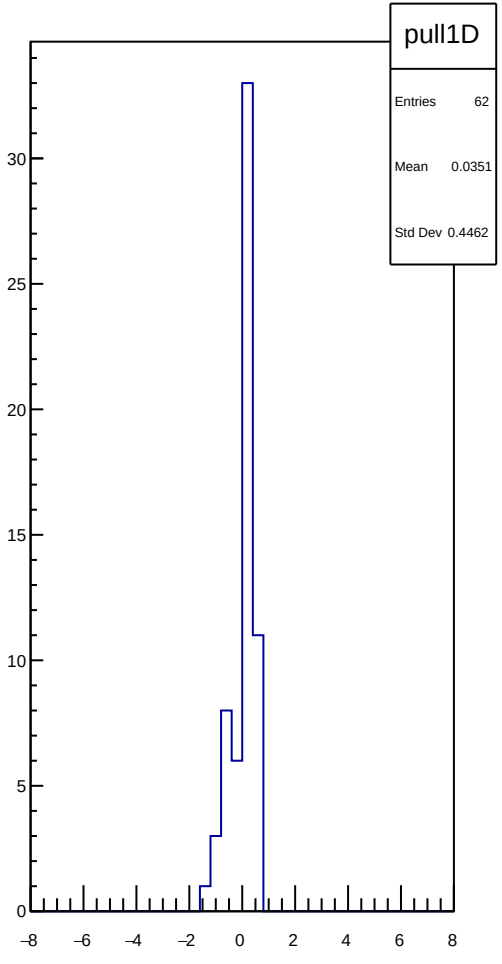

pull1D
Entries 62
Mean 0.004046
Std Dev 0.8919

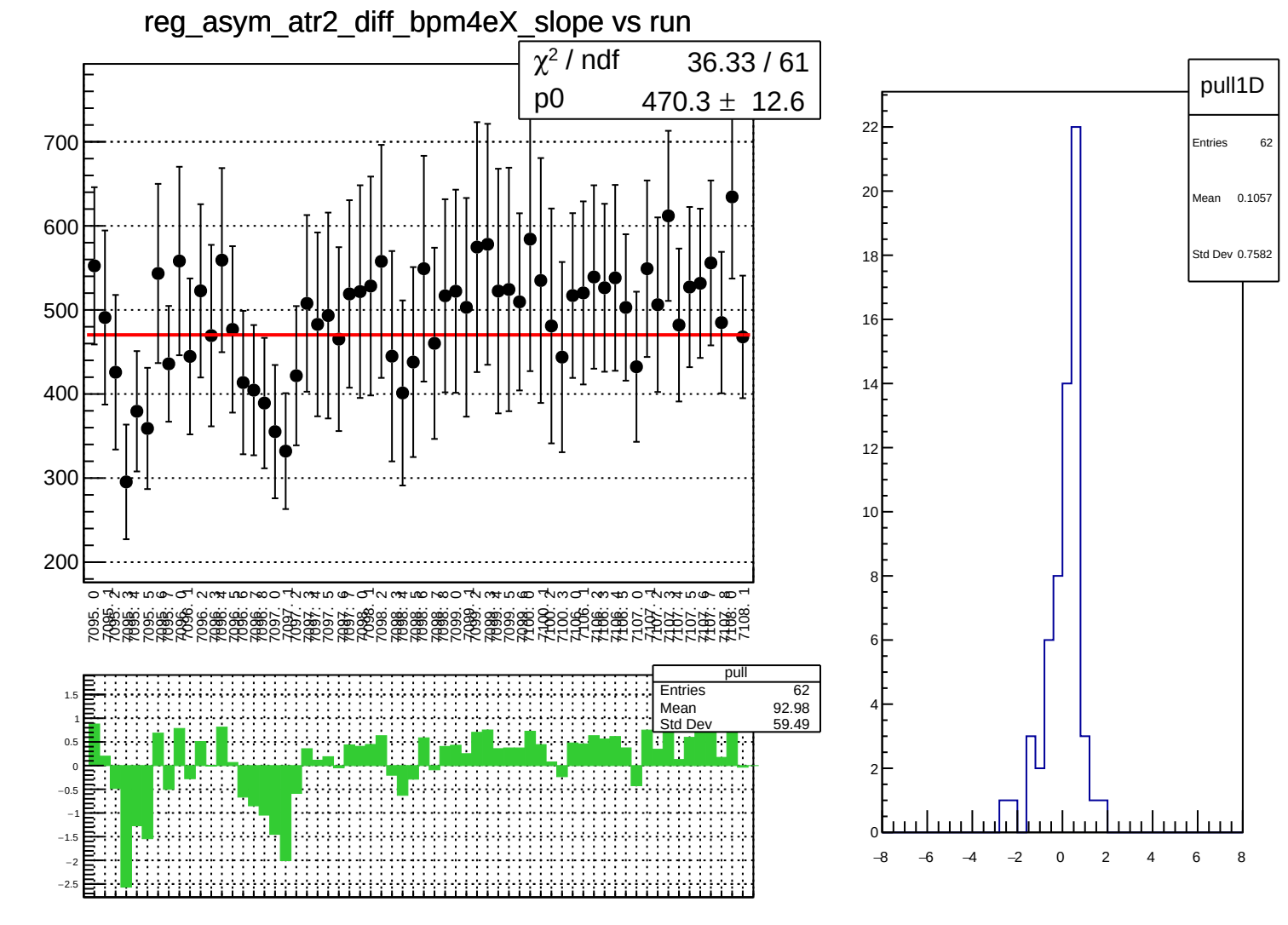

reg_asym_atr1_diff_bpm12X_slope vs run
χ² / ndf 90.49 / 61
p0 −21.1 ± 0.1288
−18
−20
−22
−24
−26
pull
Entries 62
Mean −99.62
Std Dev 145.1
3
2
1
0
−1
−2
−3

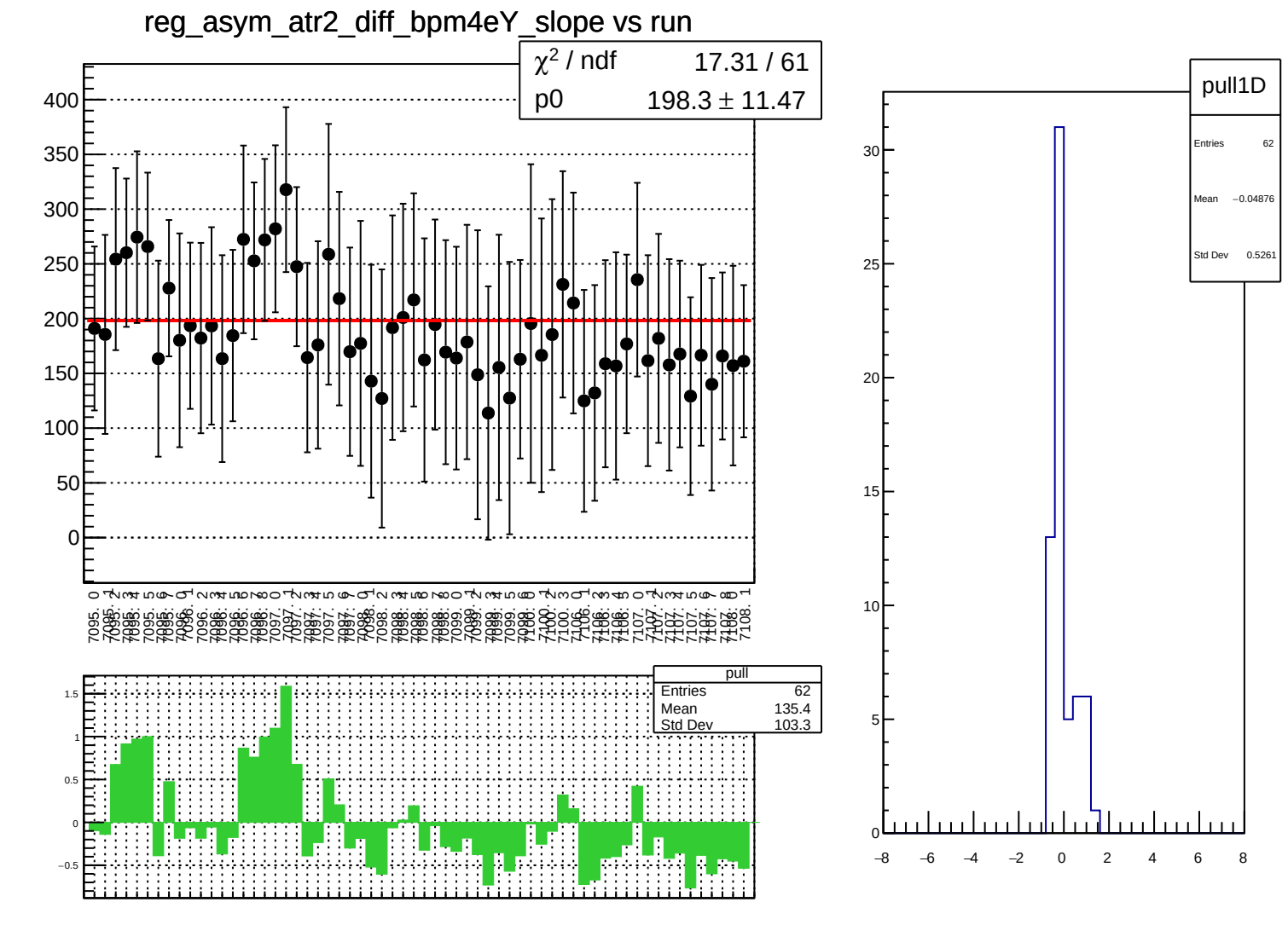

pull1D
Entries 62
Mean −0.02226
Std Dev 1.208
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

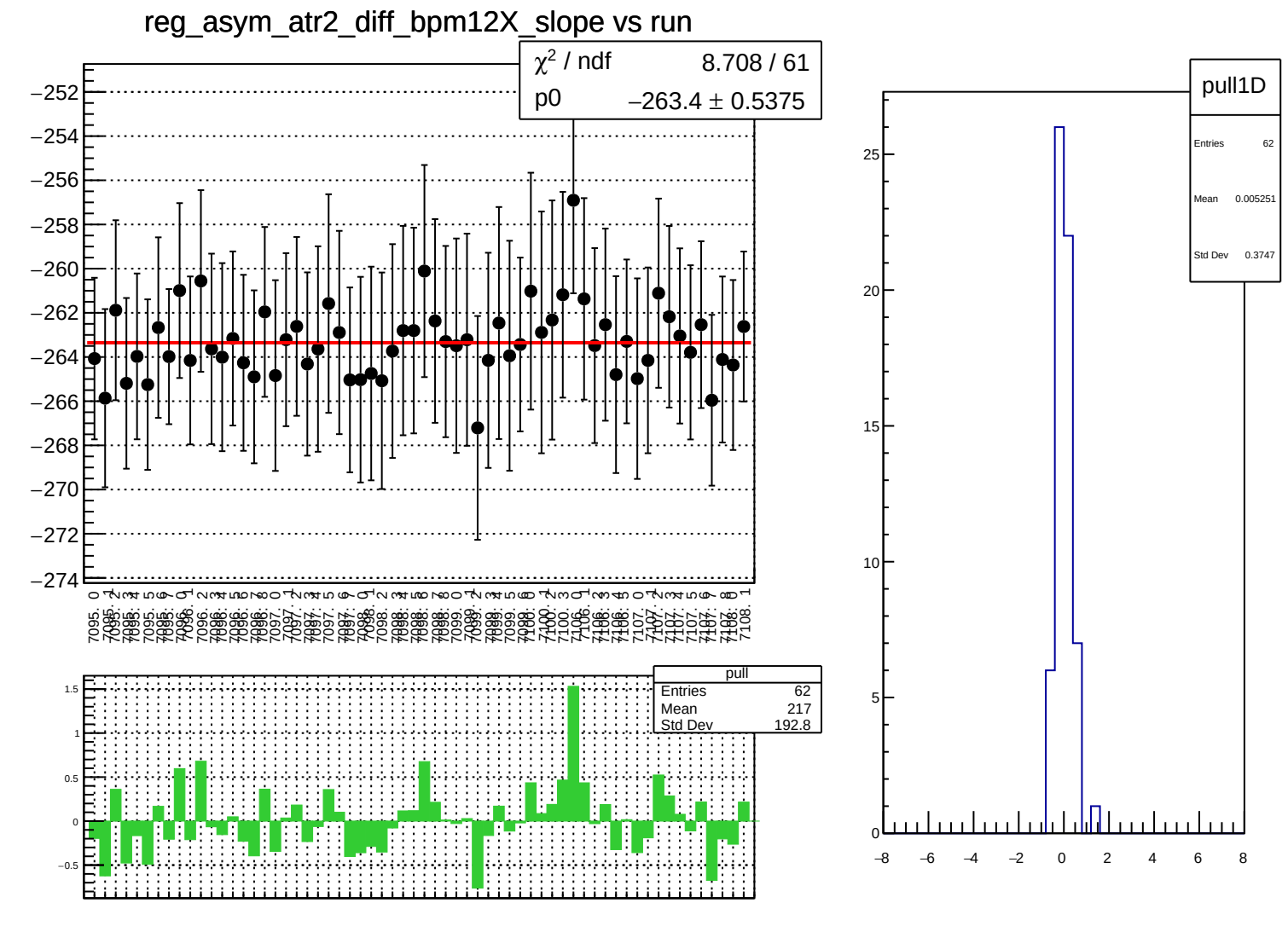

reg_asym_atr2_diff_bpm1X_slope vs run
χ² / ndf 34.25 / 61
p0 −377.3 ± 12.93
pull
Entries 62
Mean 83.36
Std Dev 50.4
pull1D
Entries 62
Mean −0.1062
Std Dev 0.7357

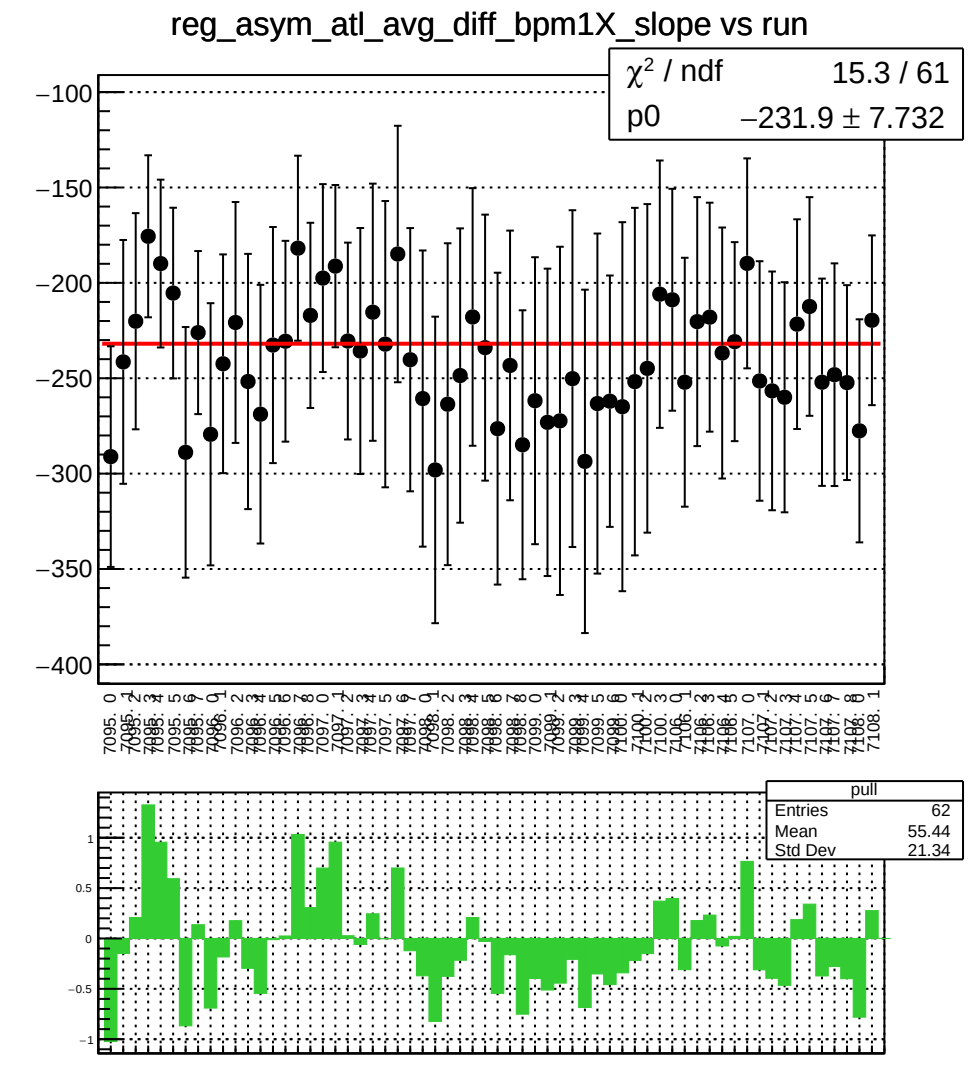

reg_asym_atr2_diff_bpm4aY_slope vs run
χ² / ndf 12.42 / 61
p0 −46.99 ± 10.77
pull
Entries 62
Mean 134.7
Std Dev 103.6

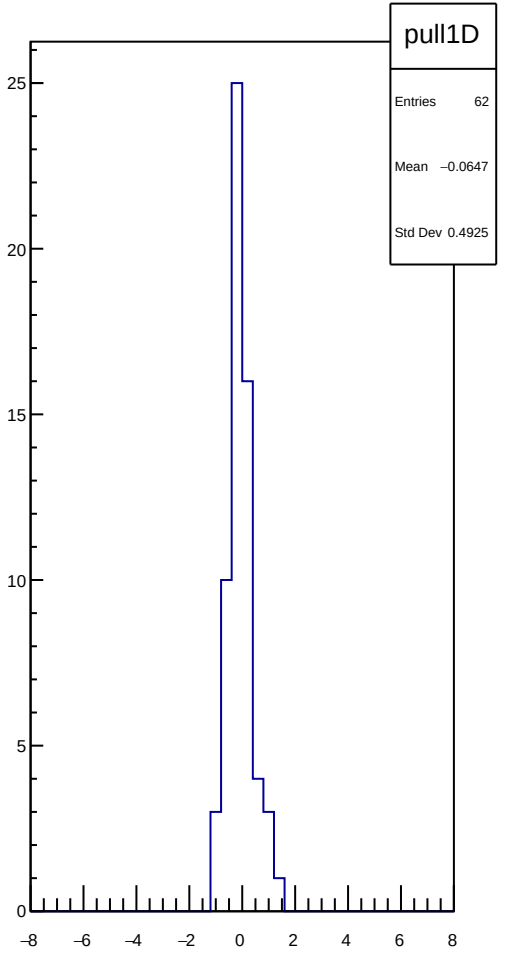

pull1D
Entries 62
Mean 0.0351
Std Dev 0.4462

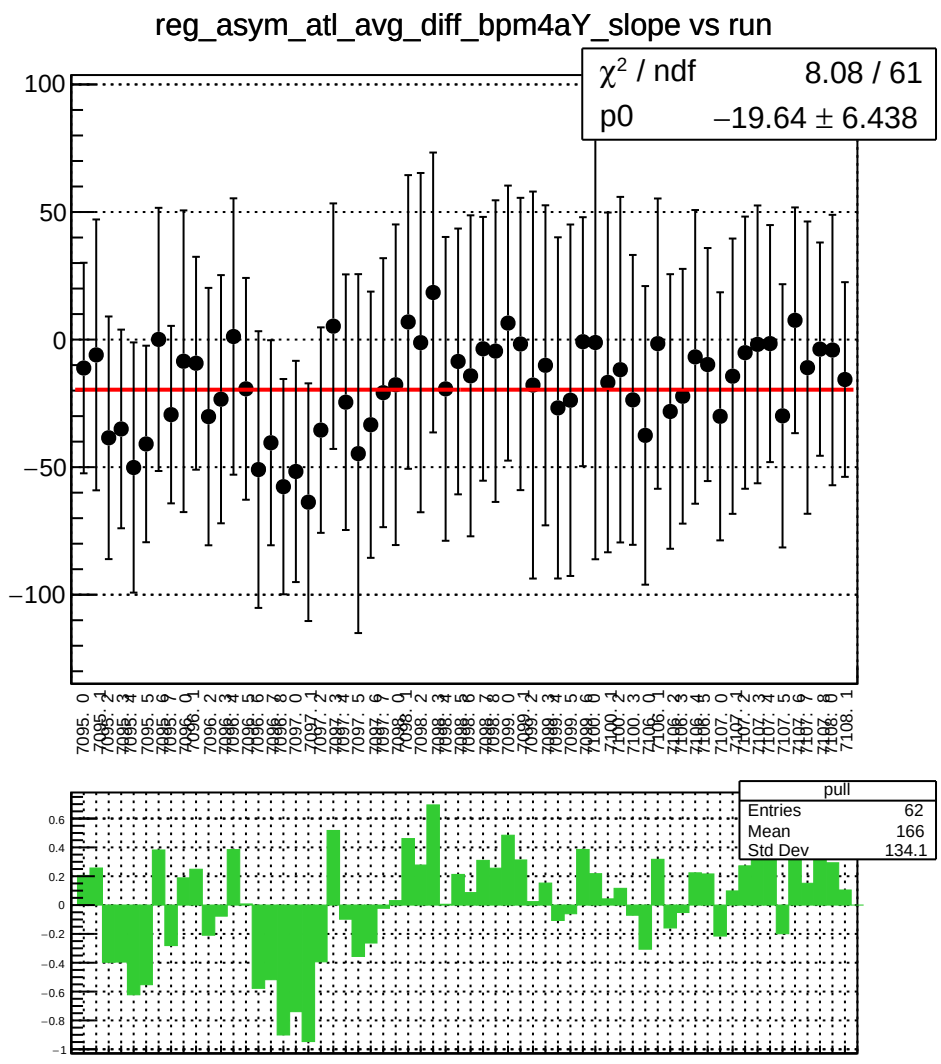

reg_asym_atr2_diff_bpm4eX_slope vs run
χ² / ndf 36.33 / 61
p0 470.3 ± 12.6
pull
Entries 62
Mean 92.98
Std Dev 59.49
pull1D
Entries 62
Mean 0.1057
Std Dev 0.7582

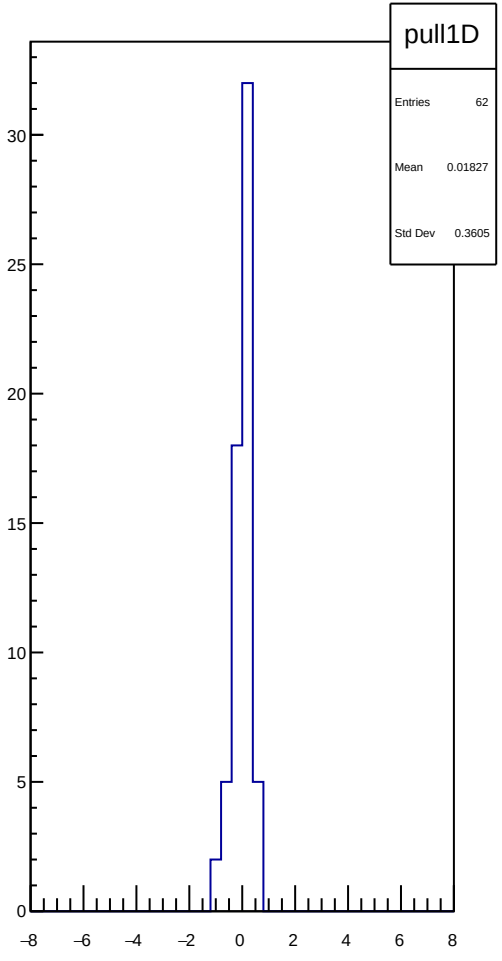

reg_asym_atr2_diff_bpm4eY_slope vs run
χ² / ndf 17.31 / 61
p0 198.3 ± 11.47
pull
Entries 62
Mean 135.4
Std Dev 103.3
pull1D
Entries 62
Mean −0.04876
Std Dev 0.5261

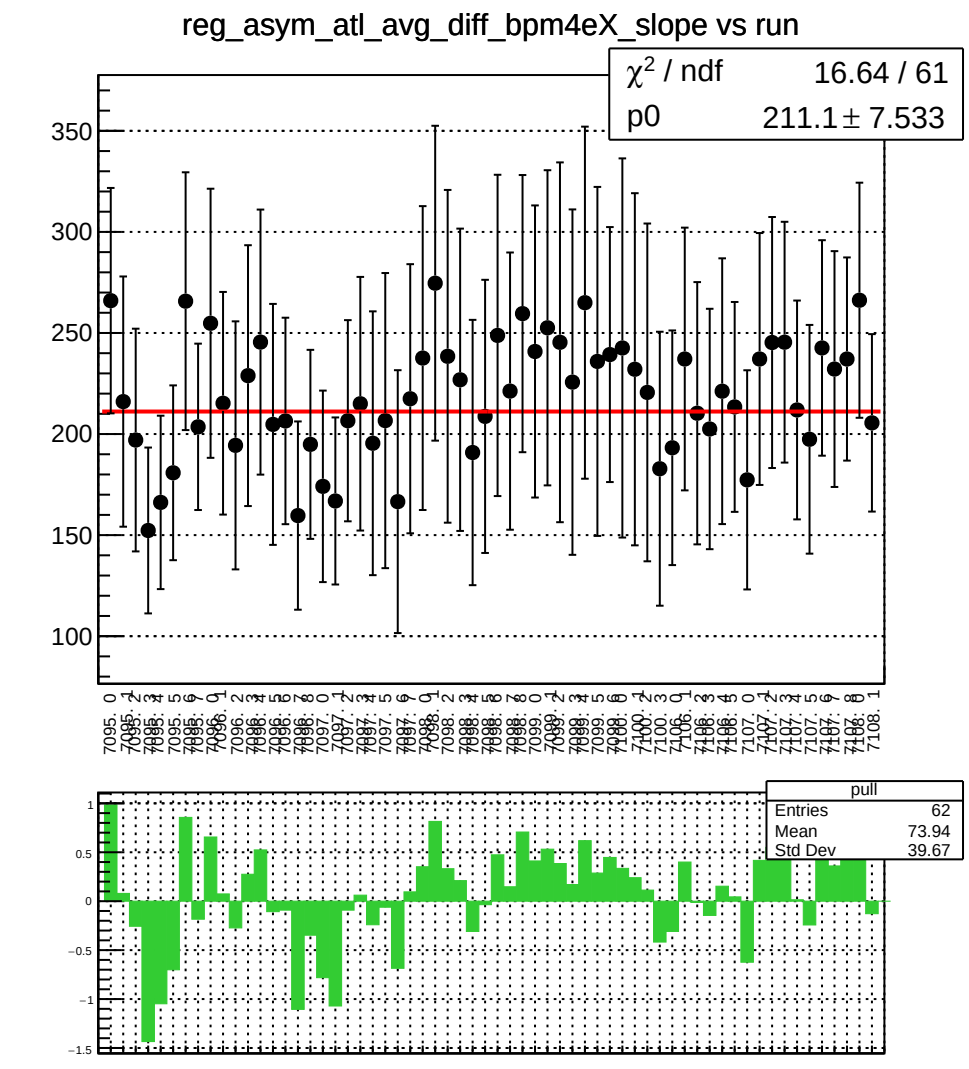

reg_asym_atr2_diff_bpm12X_slope vs run
χ² / ndf 8.708 / 61
p0 −263.4 ± 0.5375
pull
Entries 62
Mean 217
Std Dev 192.8
pull1D
Entries 62
Mean 0.005251
Std Dev 0.3747

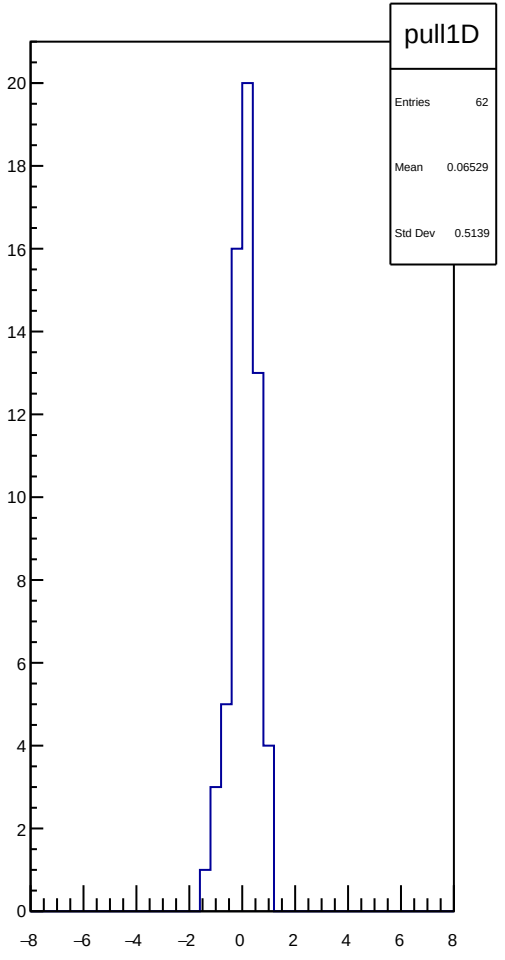

reg_asym_atl_avg_diff_bpm1X_slope vs run
χ² / ndf 15.3 / 61
p0 −231.9 ± 7.732
pull
Entries 62
Mean 55.44
Std Dev 21.34

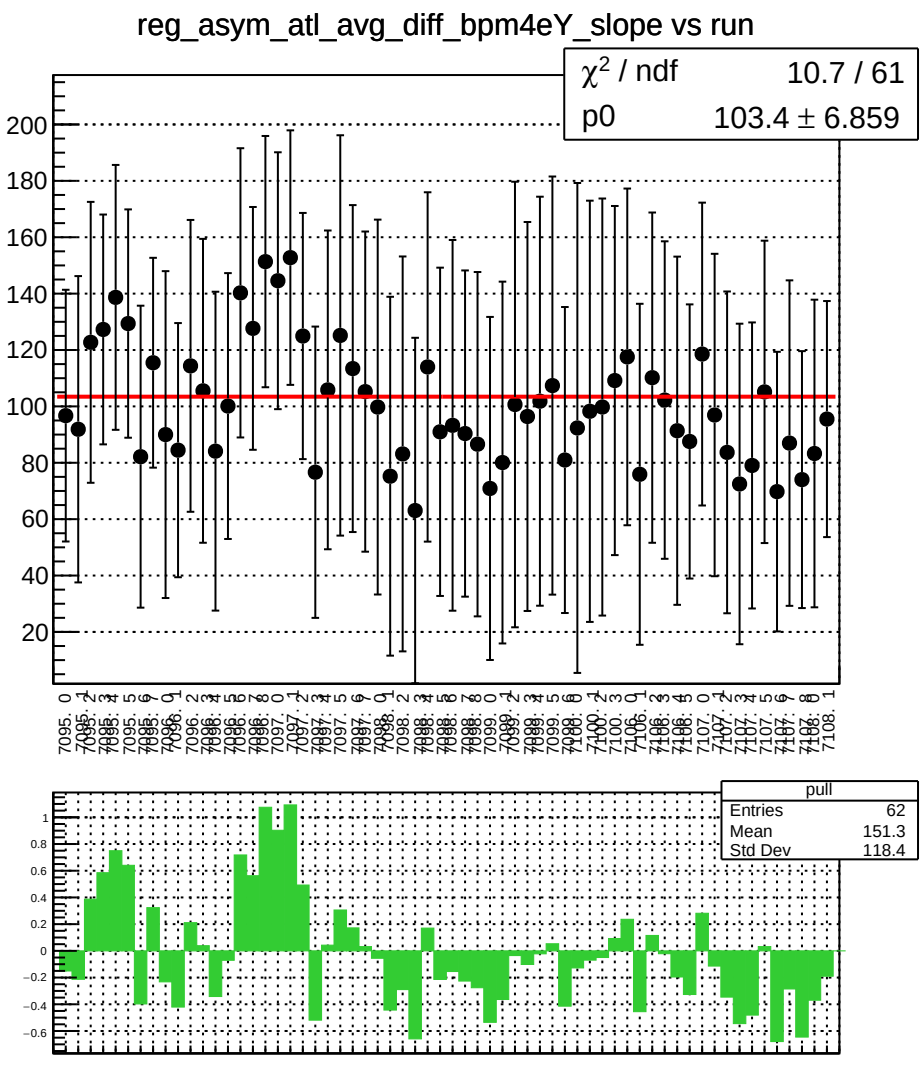

pull1D
Entries 62
Mean −0.0647
Std Dev 0.4925

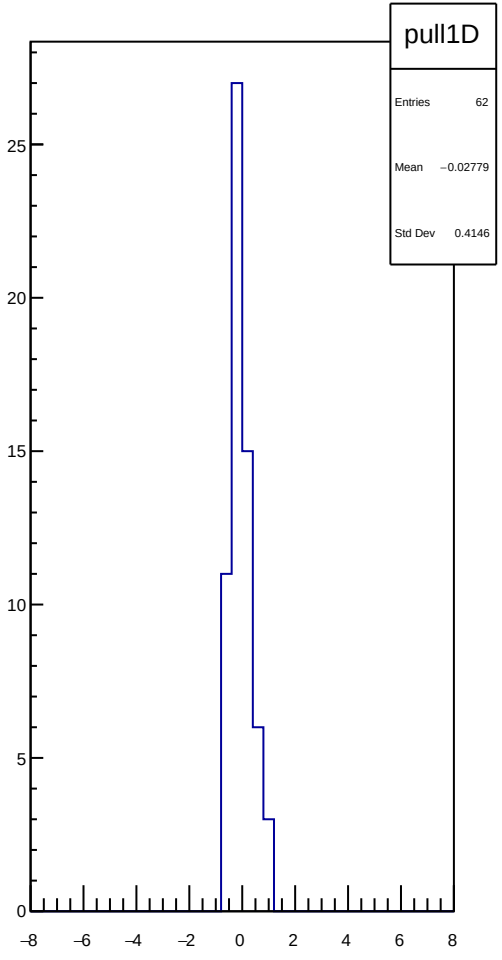

reg_asym_atl_avg_diff_bpm4aY_slope vs run
χ² / ndf 8.08 / 61
p0 −19.64 ± 6.438
pull
Entries 62
Mean 166
Std Dev 134.1

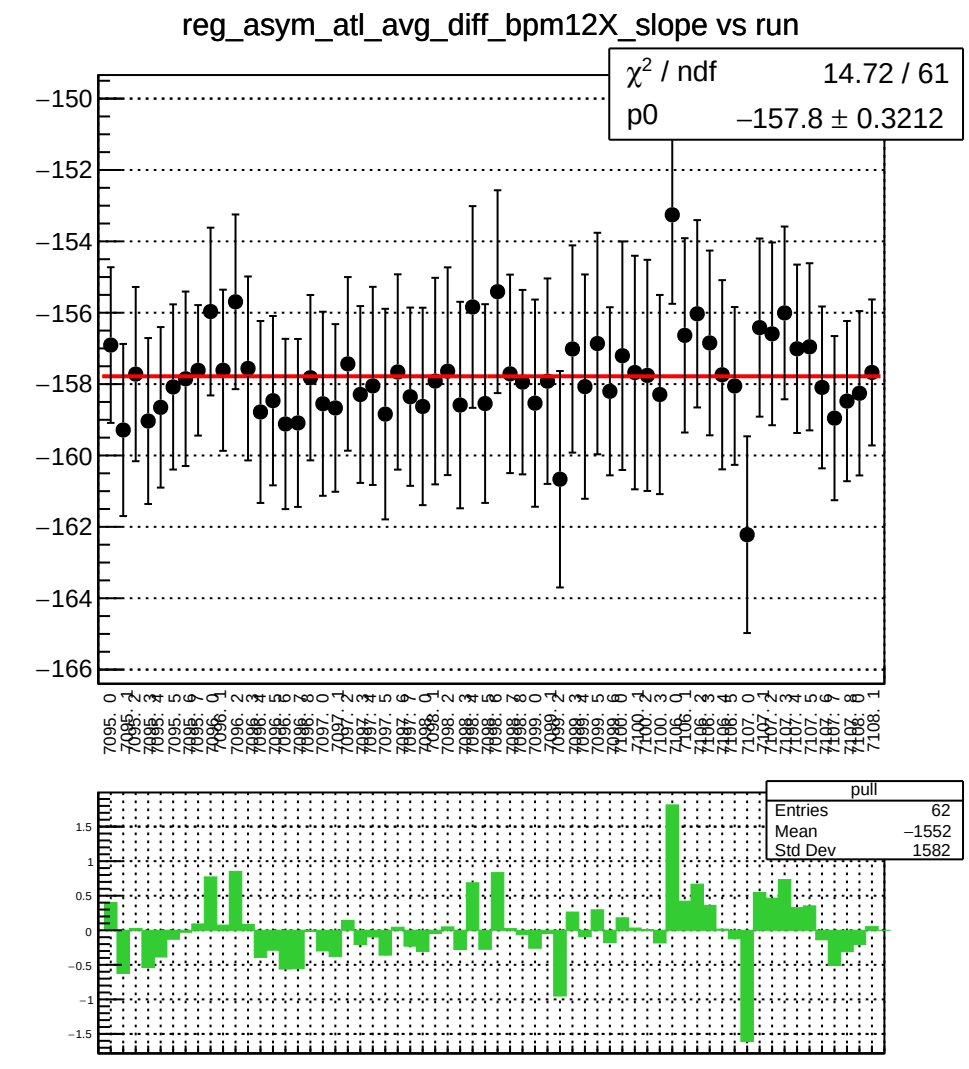

pull1D
Entries 62
Mean 0.01827
Std Dev 0.3605

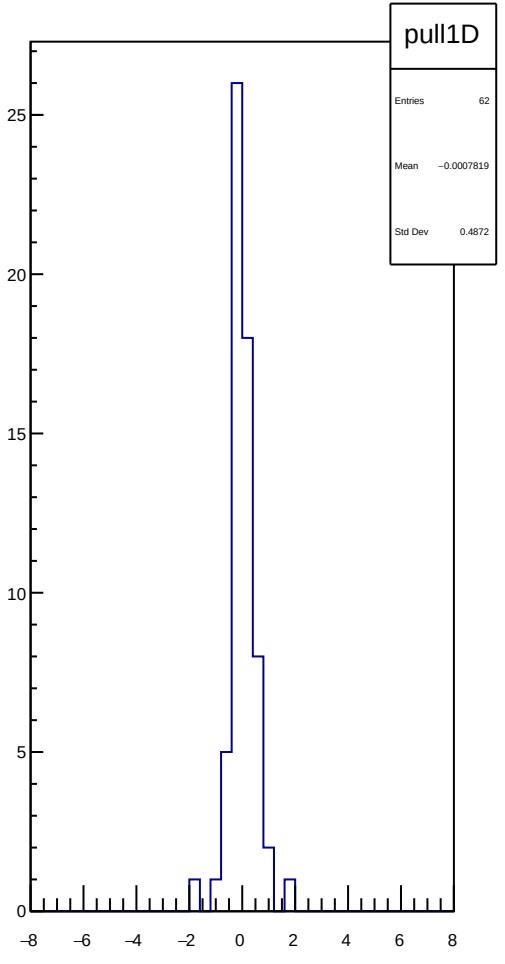

reg_asym_atl_avg_diff_bpm4eX_slope vs run
χ² / ndf 16.64 / 61
p0 211.1 ± 7.533
pull
Entries 62
Mean 73.94
Std Dev 39.67

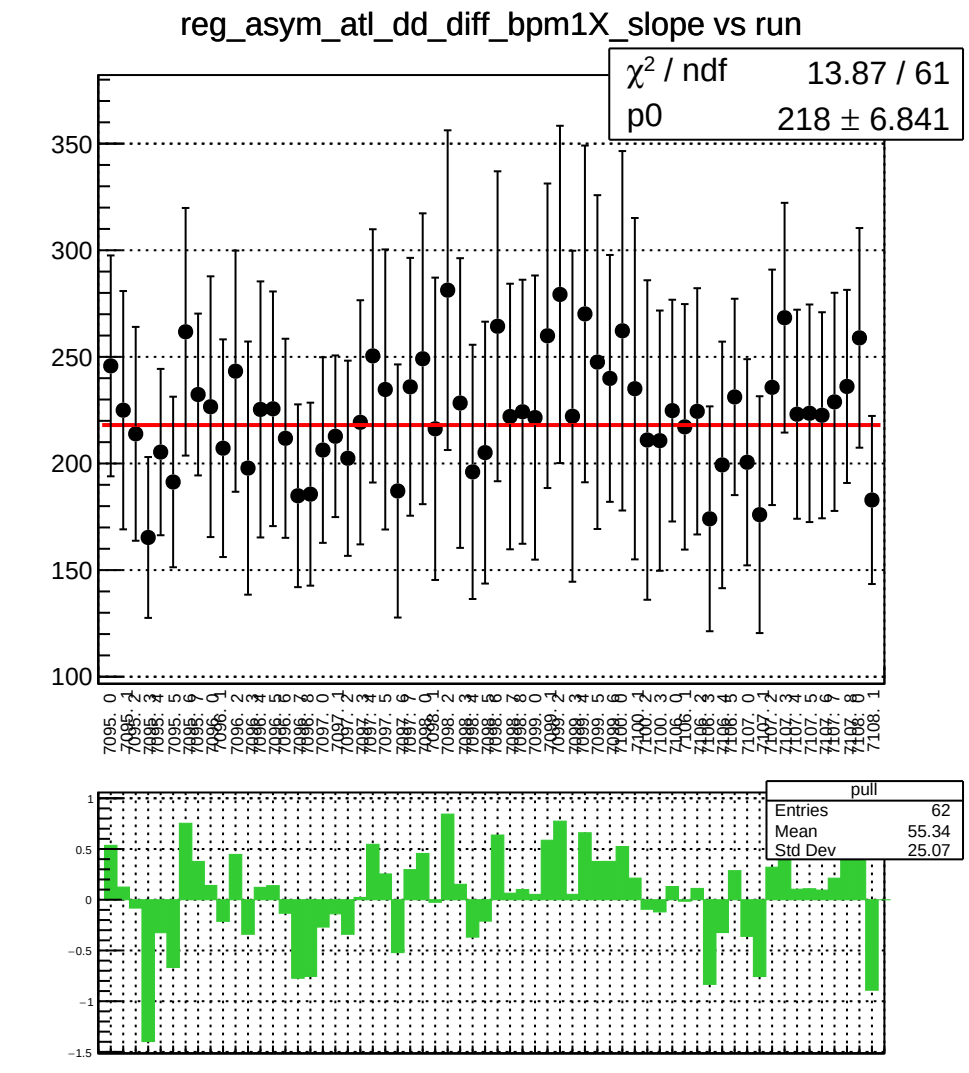

pull1D
Entries 62
Mean 0.06529
Std Dev 0.5139

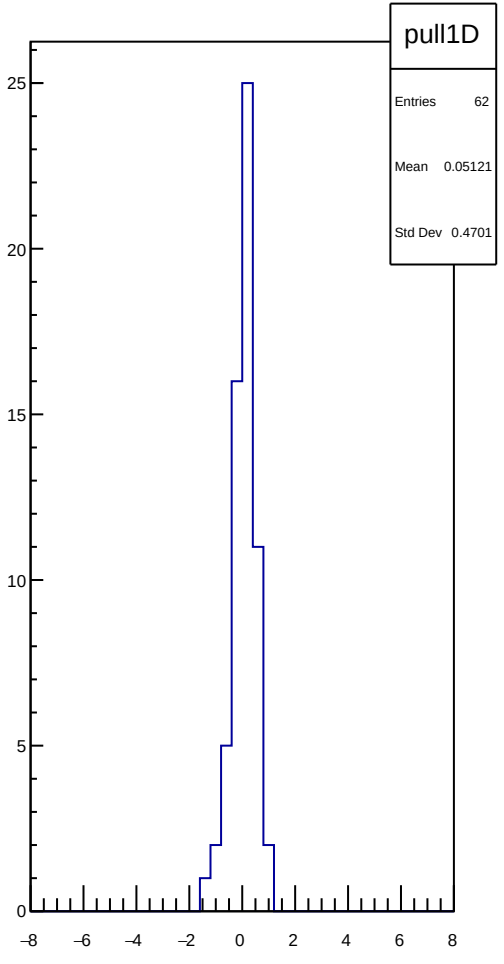

reg_asym_atl_avg_diff_bpm4eY_slope vs run
χ² / ndf 10.7 / 61
p0 103.4 ± 6.859
pull
Entries 62
Mean 151.3
Std Dev 118.4

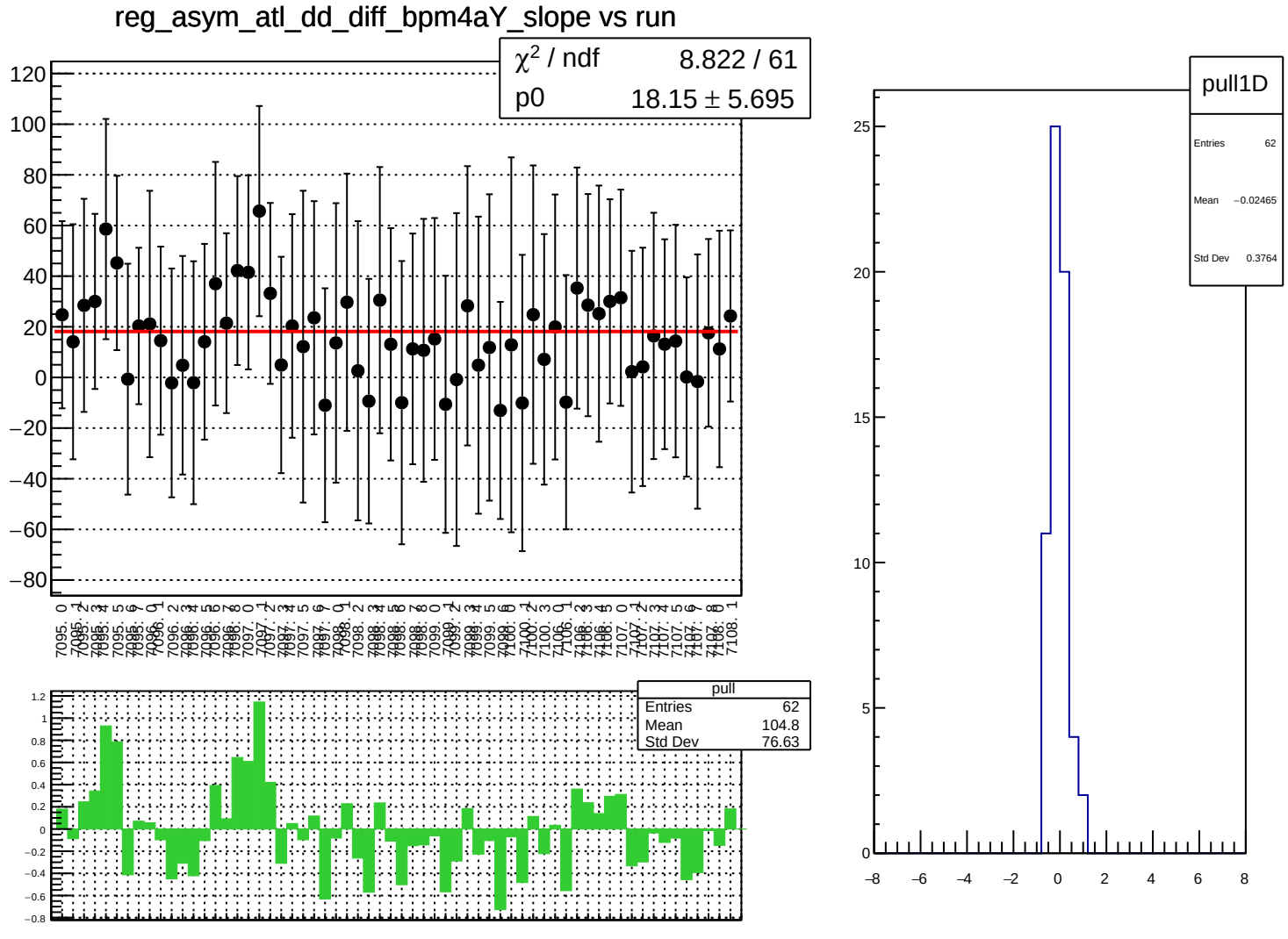

pull1D
Entries 62
Mean −0.02779
Std Dev 0.4146

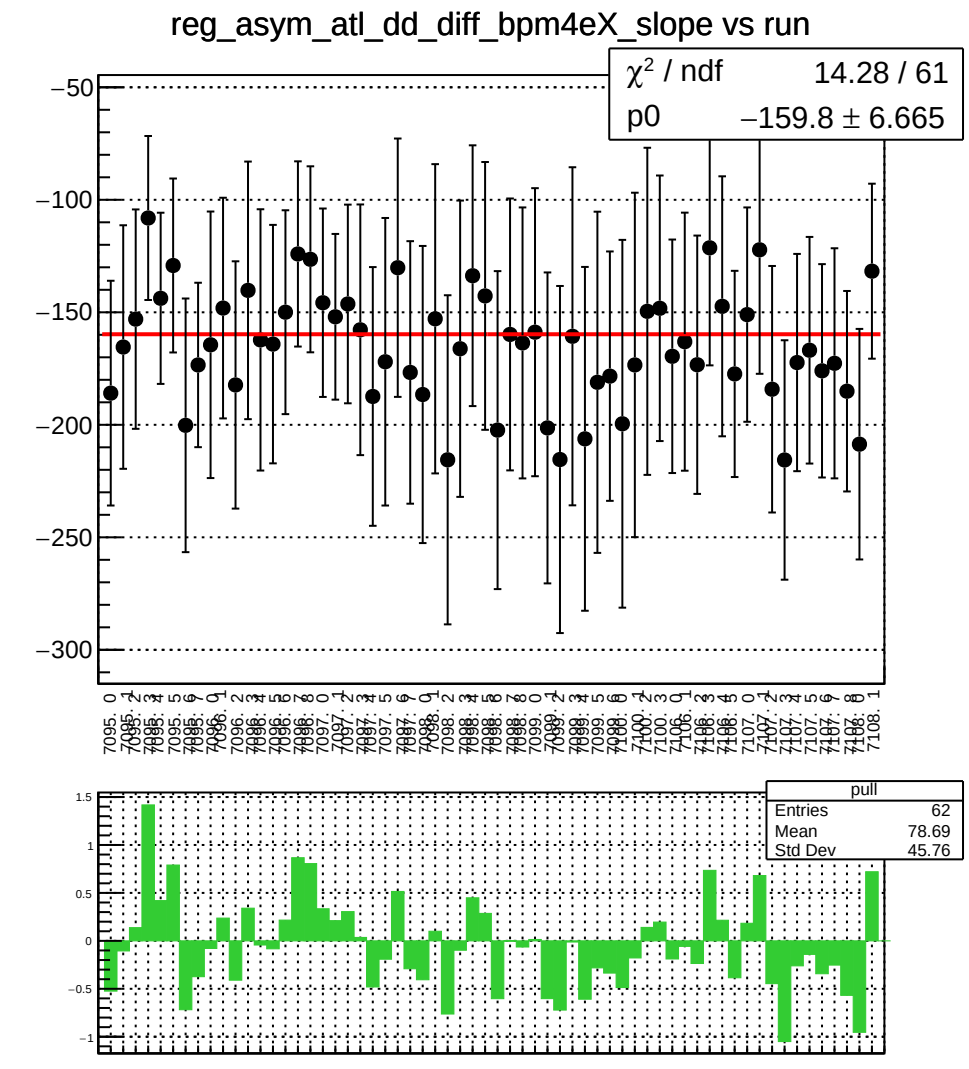

reg_asym_atl_avg_diff_bpm12X_slope vs run
χ² / ndf 14.72 / 61
p0 −157.8 ± 0.3212
pull
Entries 62
Mean −1552
Std Dev 1582

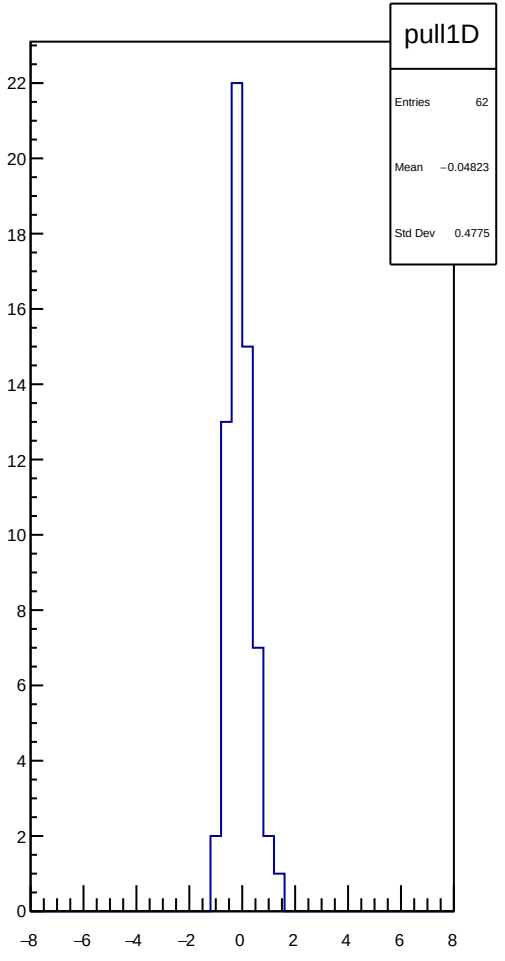

pull1D
Entries 62
Mean −0.0007819
Std Dev 0.4872

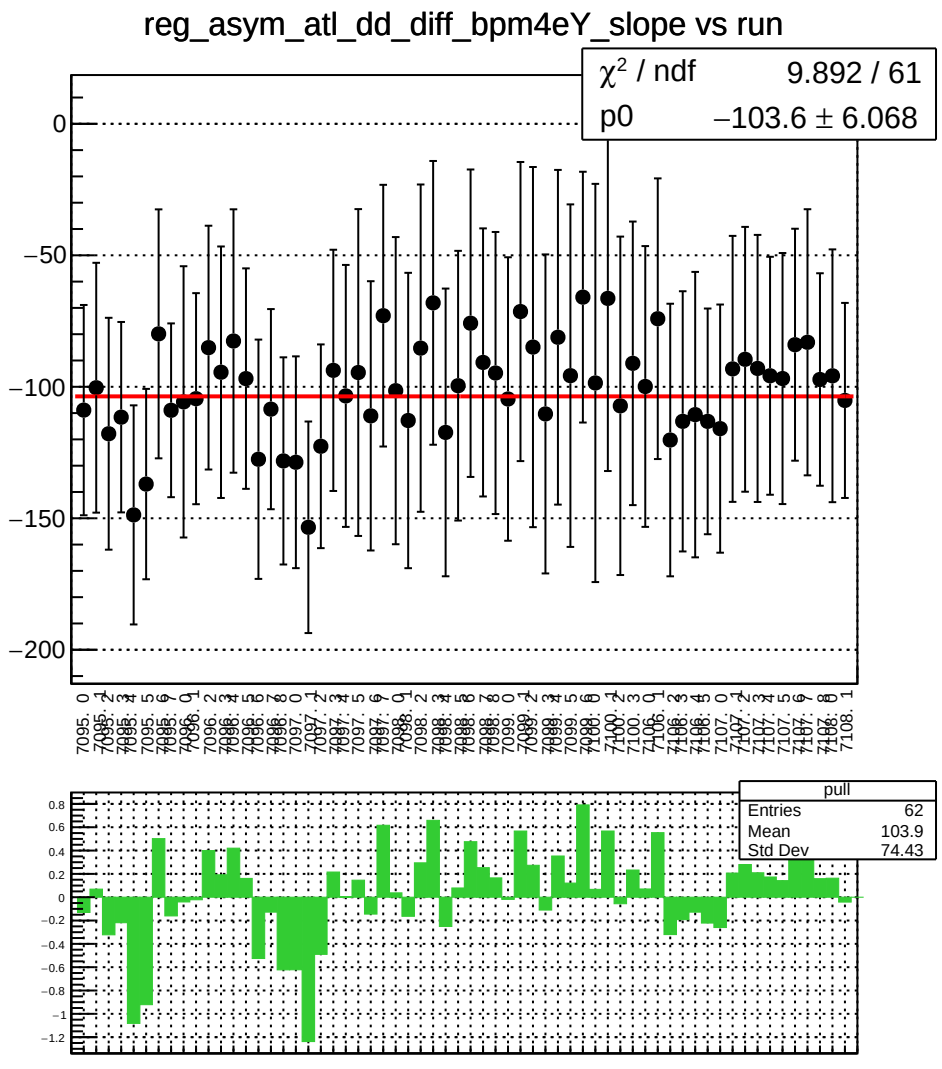

reg_asym_atl_dd_diff_bpm1X_slope vs run
χ² / ndf 13.87 / 61
p0 218 ± 6.841
pull
Entries 62
Mean 55.34
Std Dev 25.07

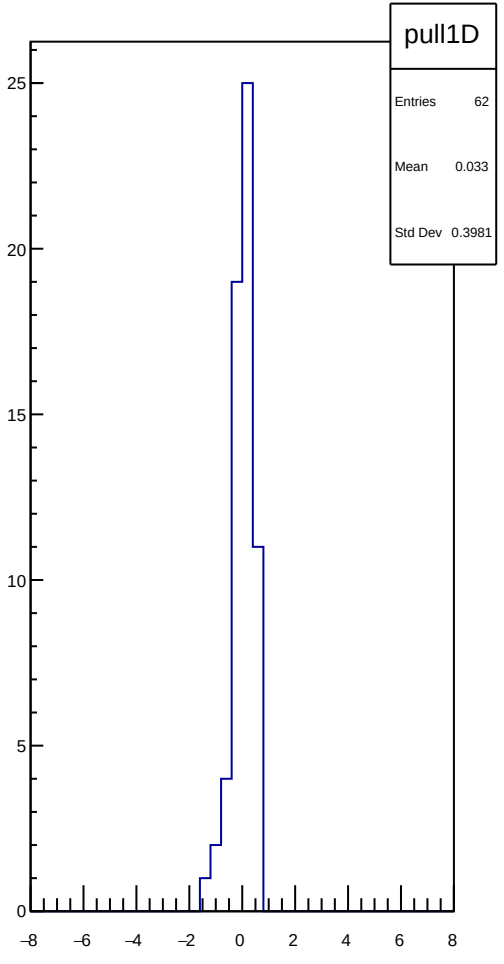

pull1D
Entries 62
Mean 0.05121
Std Dev 0.4701

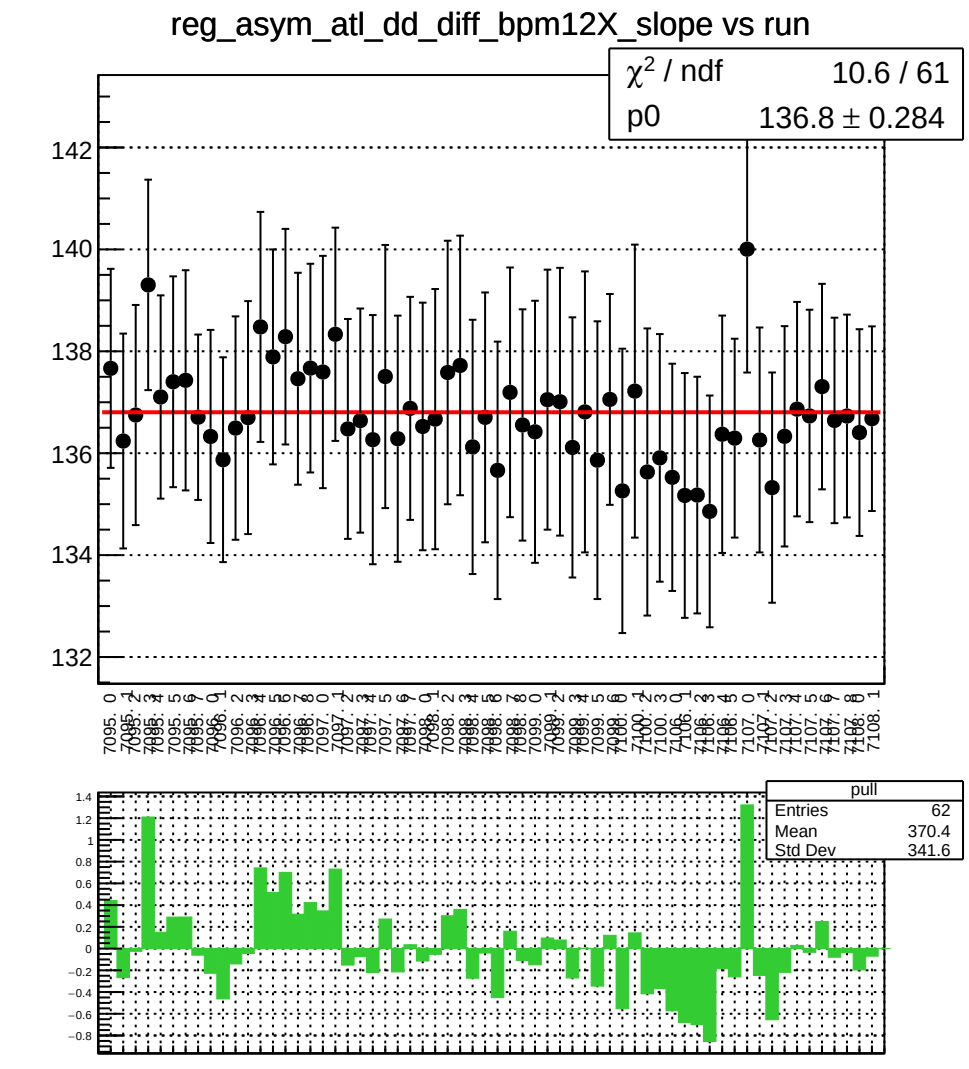

reg_asym_atl_dd_diff_bpm4aY_slope vs run
χ² / ndf 8.822 / 61
p0 18.15 ± 5.695
pull
Entries 62
Mean 104.8
Std Dev 76.63
pull1D
Entries 62
Mean −0.02465
Std Dev 0.3764

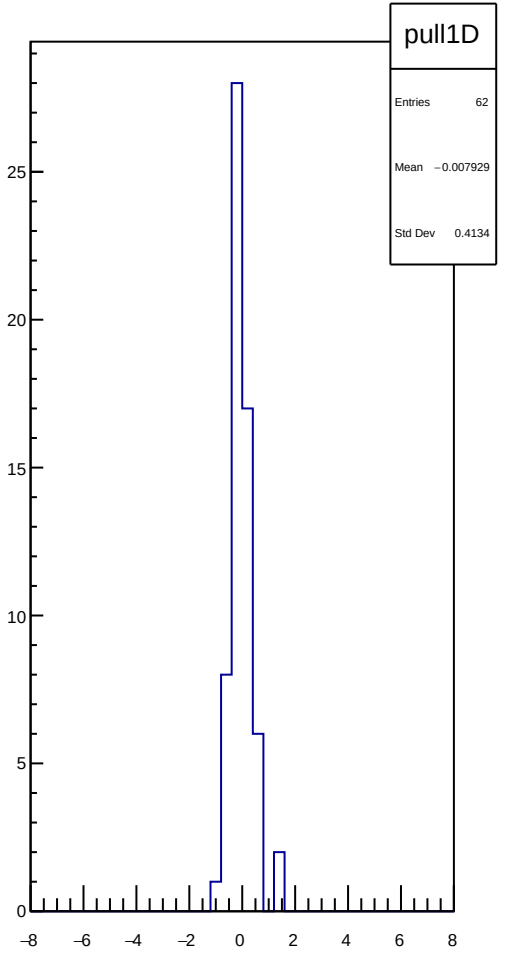

reg_asym_atl_dd_diff_bpm4eX_slope vs run
χ² / ndf 14.28 / 61
p0 −159.8 ± 6.665
pull
Entries 62
Mean 78.69
Std Dev 45.76

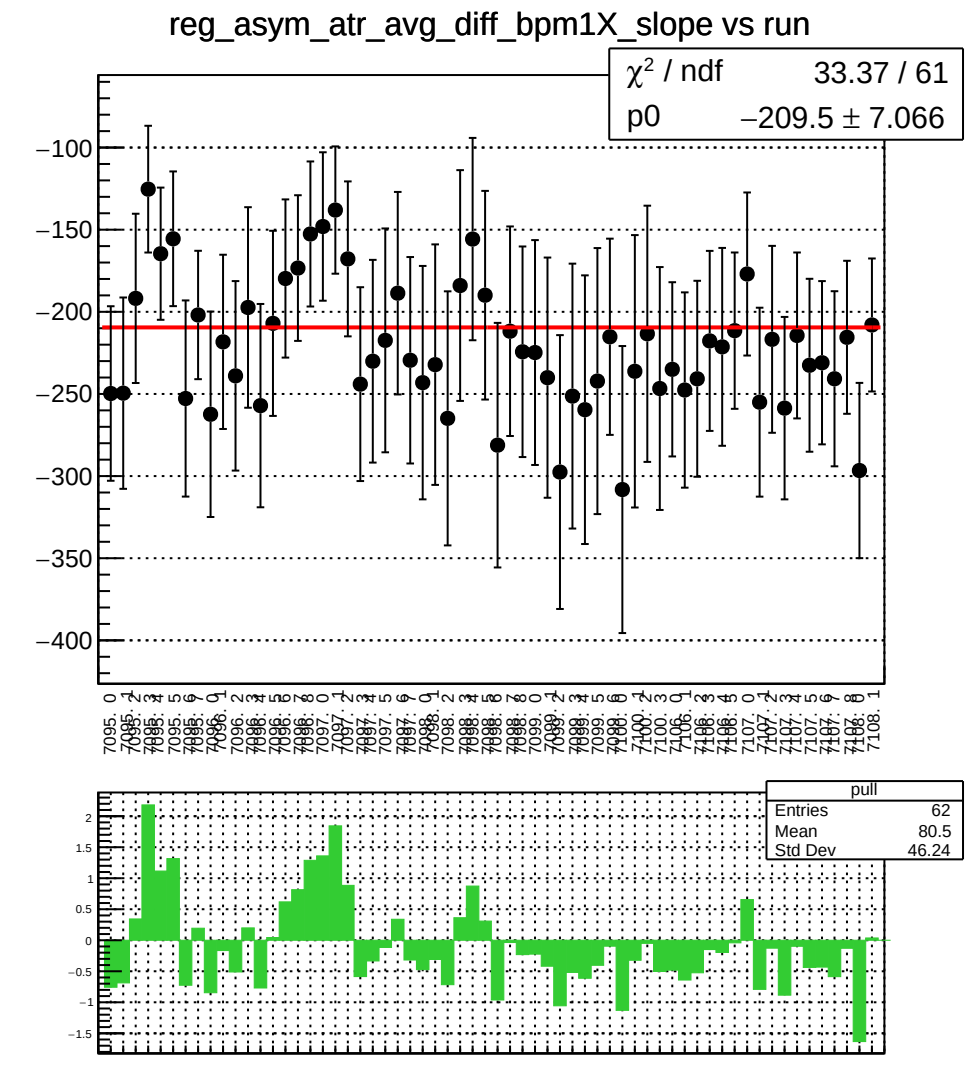

pull1D
Entries 62
Mean −0.04823
Std Dev 0.4775

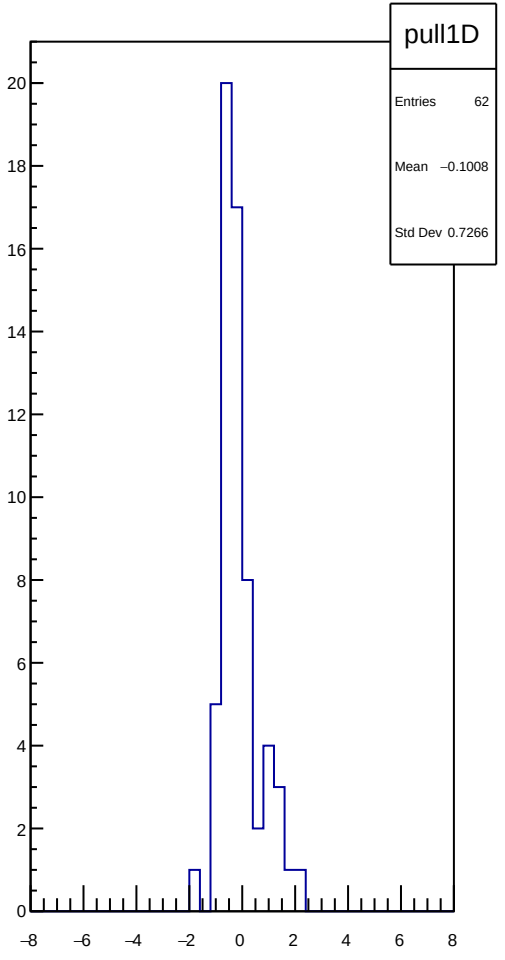

reg_asym_atl_dd_diff_bpm4eY_slope vs run
χ² / ndf 9.892 / 61
p0 −103.6 ± 6.068
0
−50
−100
−150
−200
pull
Entries 62
Mean 103.9
Std Dev 74.43
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−1.2

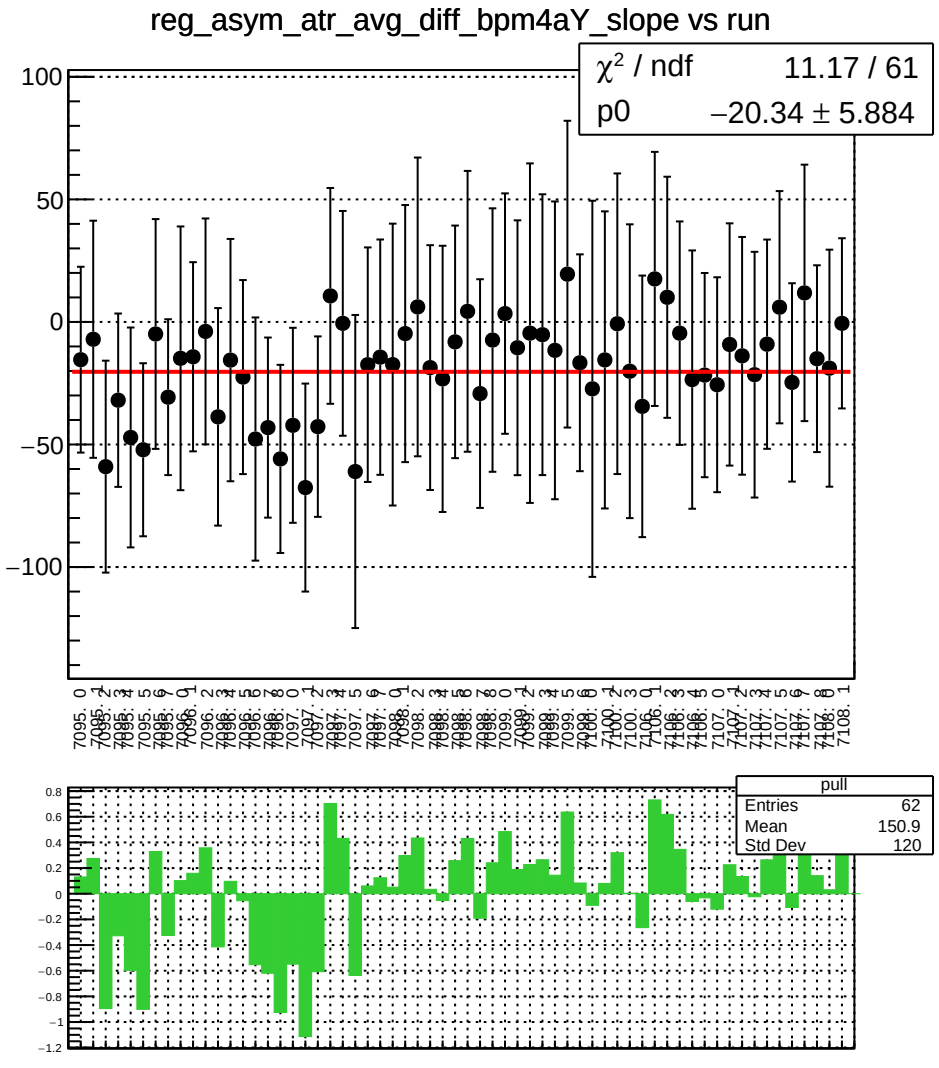

pull1D
Entries 62
Mean 0.033
Std Dev 0.3981
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

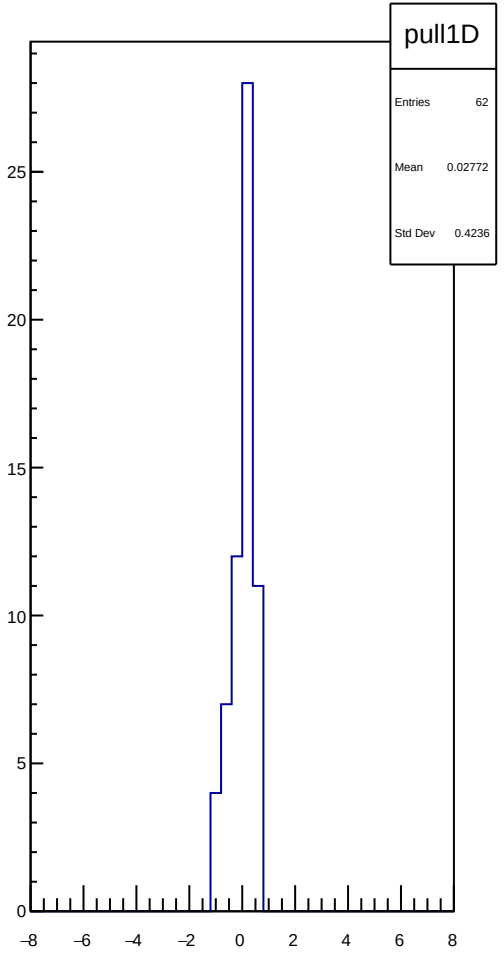

reg_asym_atl_dd_diff_bpm12X_slope vs run
χ^2 / ndf 10.6 / 61
p0 136.8 ± 0.284
142
140
138
136
134
132
pull
Entries 62
Mean 370.4
Std Dev 341.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

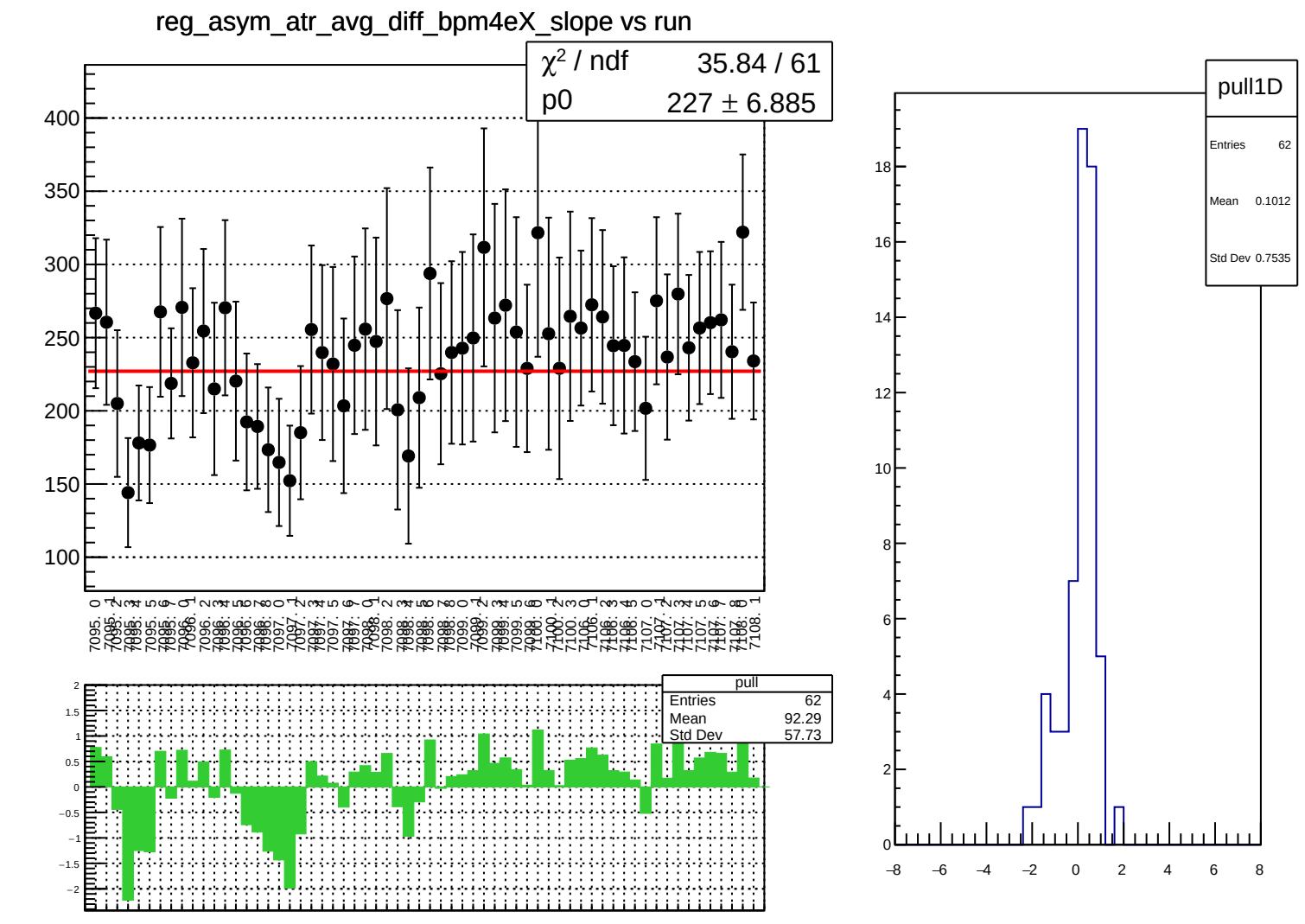

pull1D
Entries 62
Mean −0.007929
Std Dev 0.4134
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

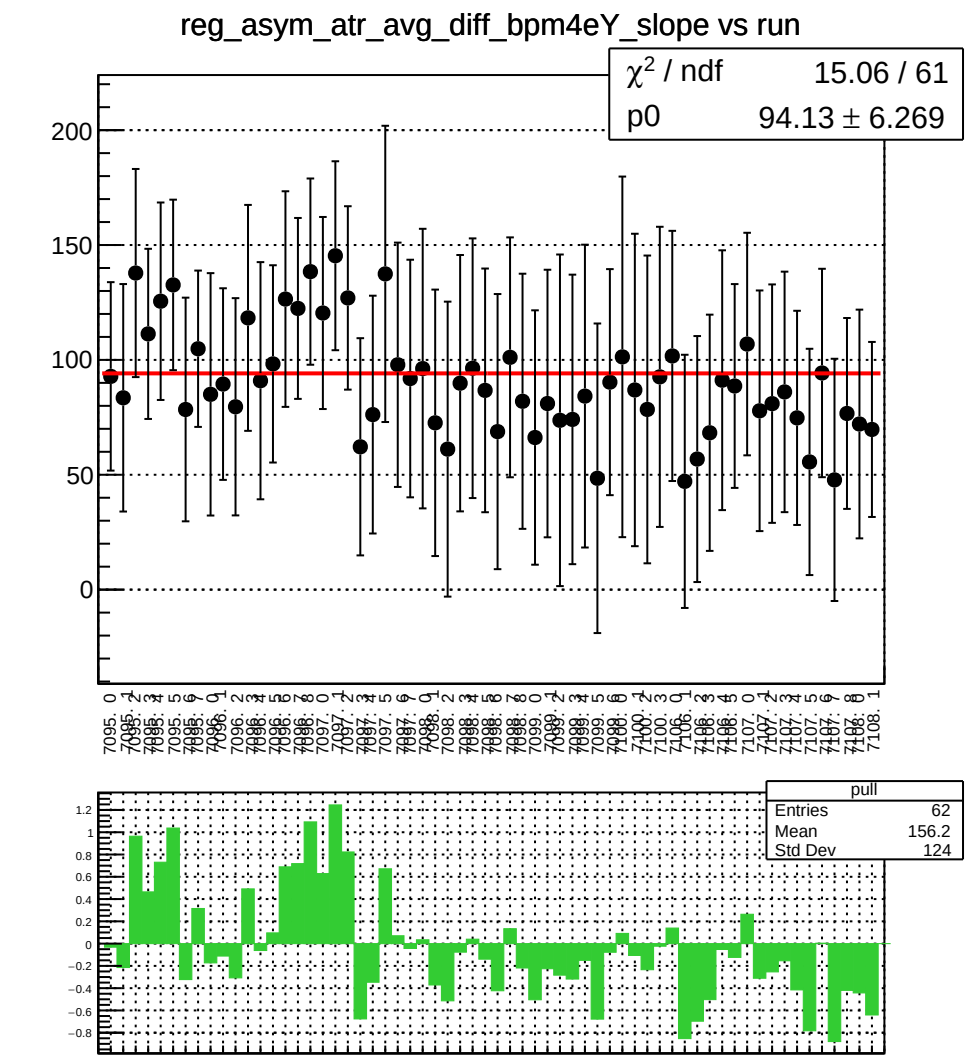

reg_asym_atr_avg_diff_bpm1X_slope vs run
χ² / ndf 33.37 / 61
p0 −209.5 ± 7.066
pull
Entries 62
Mean 80.5
Std Dev 46.24

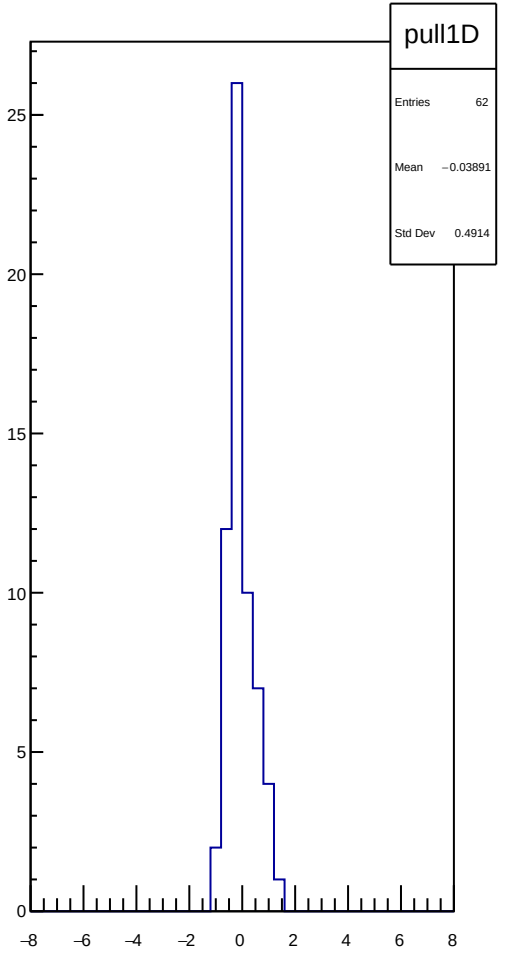

pull1D
Entries 62
Mean −0.1008
Std Dev 0.7266

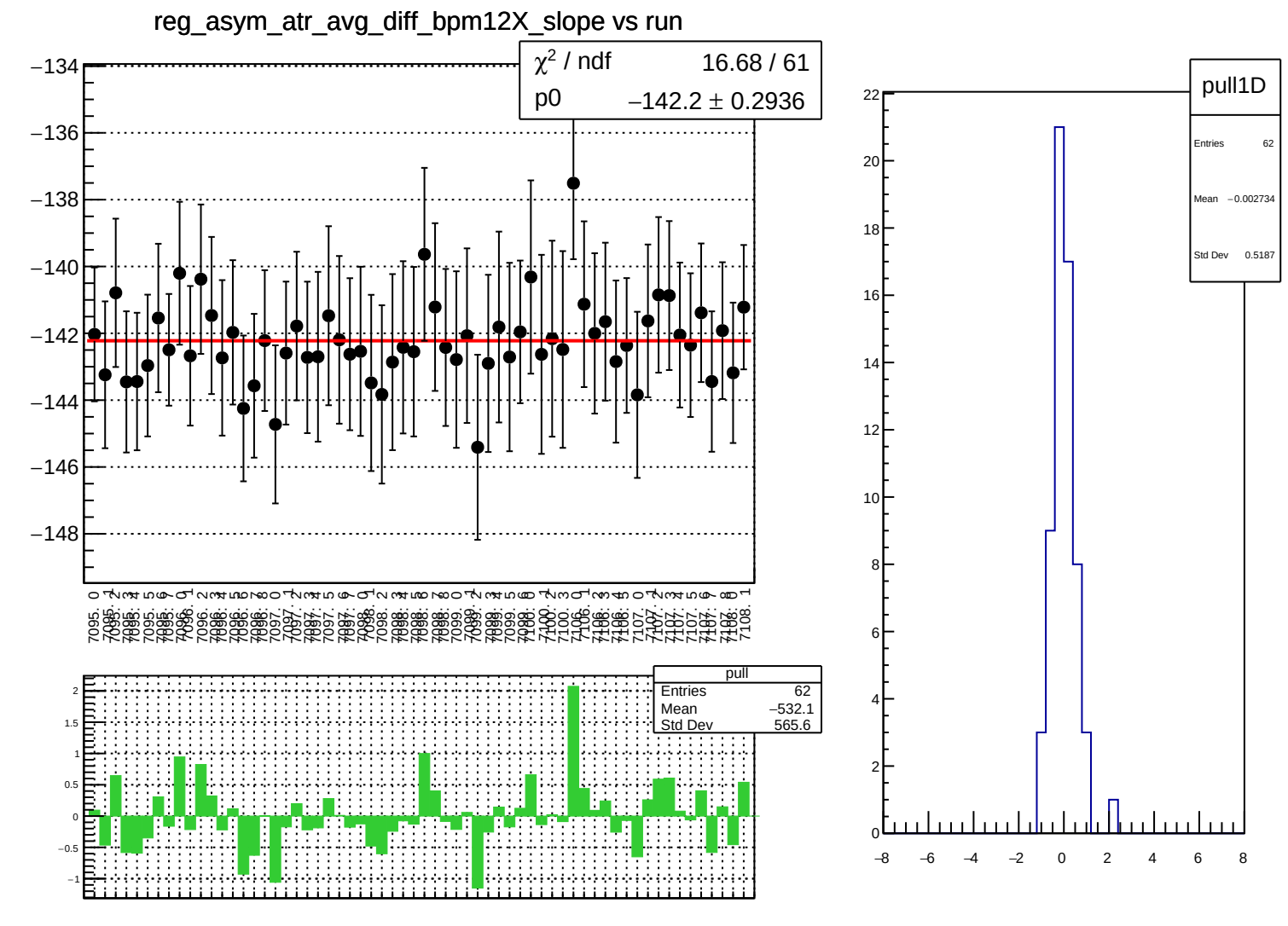

reg_asym_atr_avg_diff_bpm4aY_slope vs run
χ² / ndf 11.17 / 61
p0 −20.34 ± 5.884
pull
Entries 62
Mean 150.9
Std Dev 120

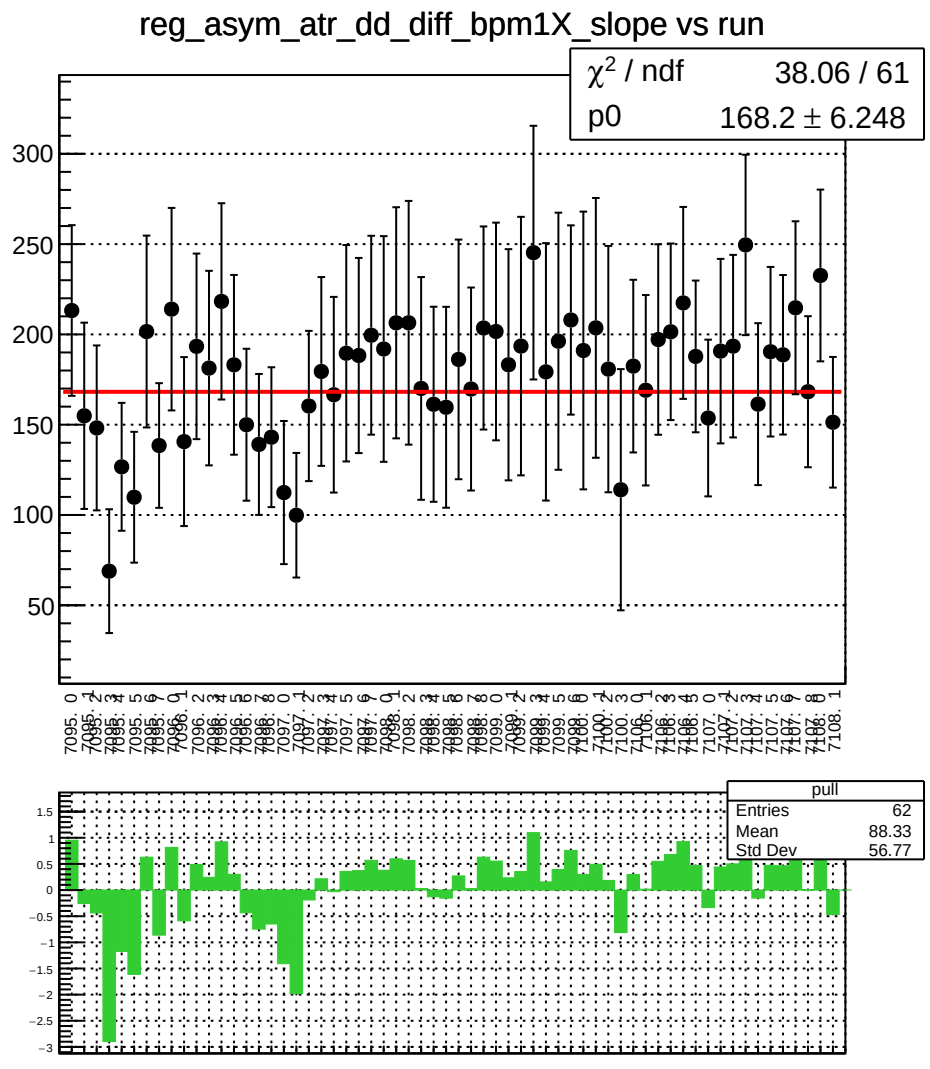

pull1D
Entries 62
Mean 0.02772
Std Dev 0.4236

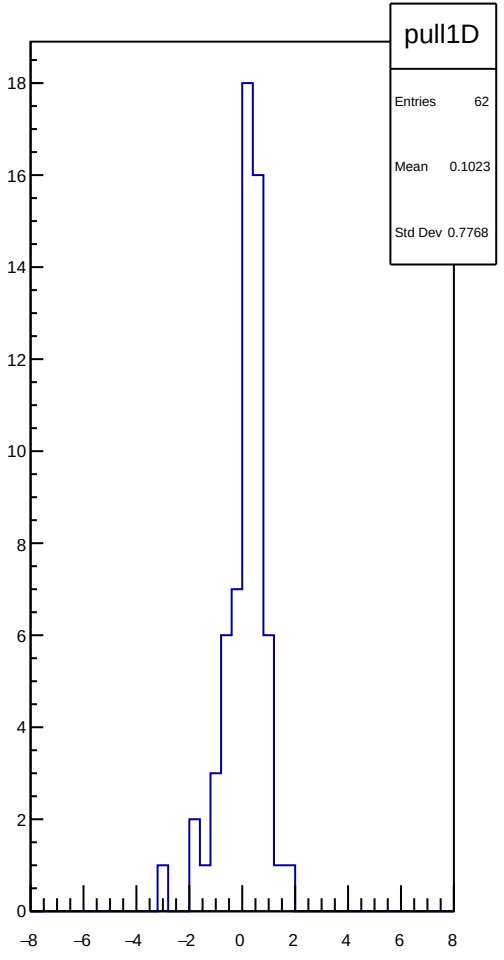

reg_asym_atr_avg_diff_bpm4eX_slope vs run
χ² / ndf 35.84 / 61
p0 227 ± 6.885
pull
Entries 62
Mean 92.29
Std Dev 57.73
pull1D
Entries 62
Mean 0.1012
Std Dev 0.7535

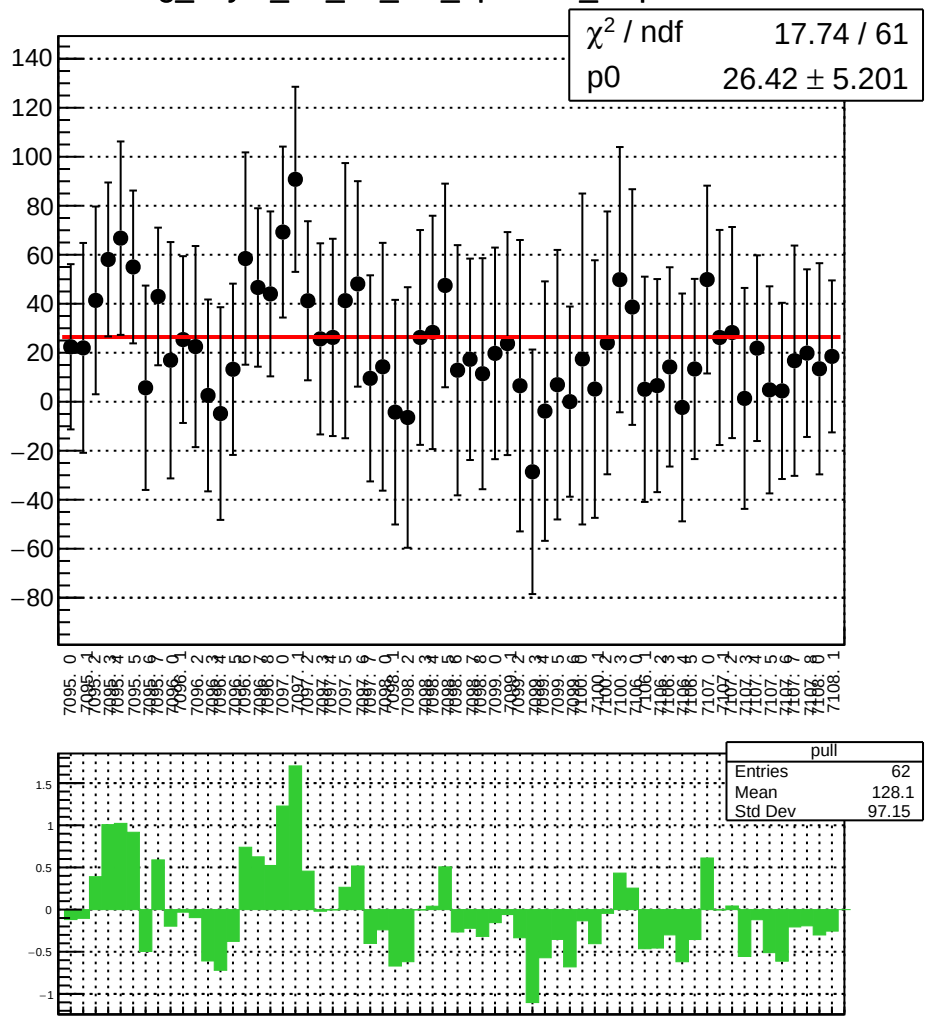

reg_asym_atr_avg_diff_bpm4eY_slope vs run
χ² / ndf 15.06 / 61
p0 94.13 ± 6.269
200
150
100
50
0
pull
Entries 62
Mean 156.2
Std Dev 124
1.2
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

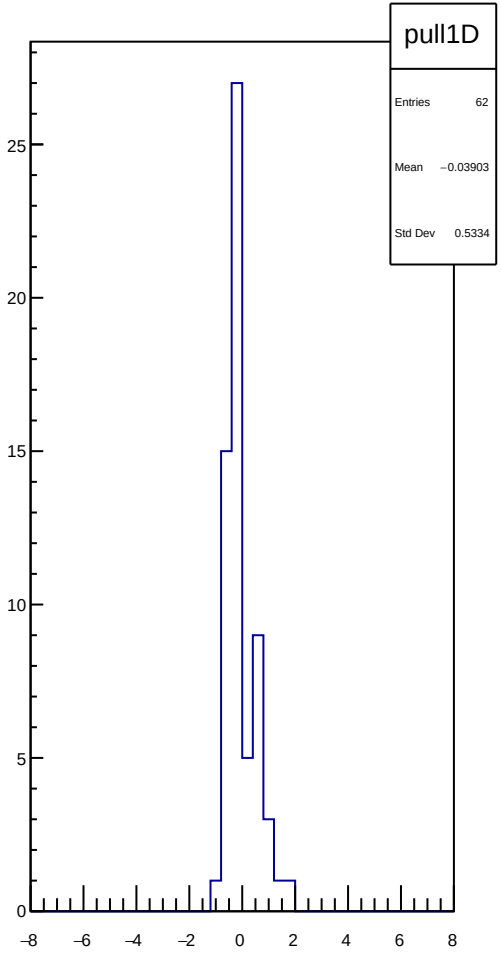

pull1D
Entries 62
Mean −0.03891
Std Dev 0.4914
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

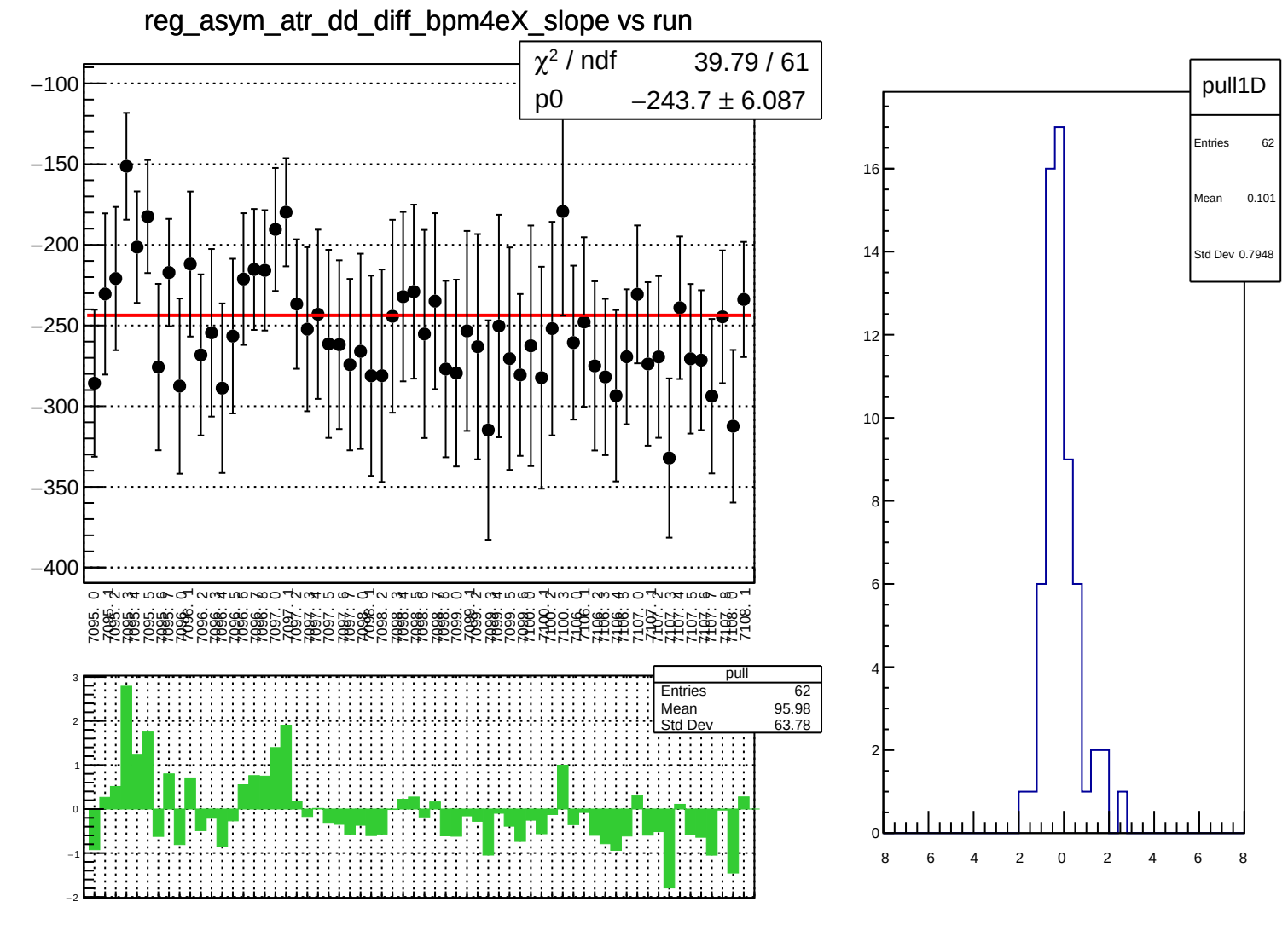

reg_asym_atr_avg_diff_bpm12X_slope vs run
χ² / ndf 16.68 / 61
p0 −142.2 ± 0.2936
pull
Entries 62
Mean −532.1
Std Dev 565.6
pull1D
Entries 62
Mean −0.002734
Std Dev 0.5187

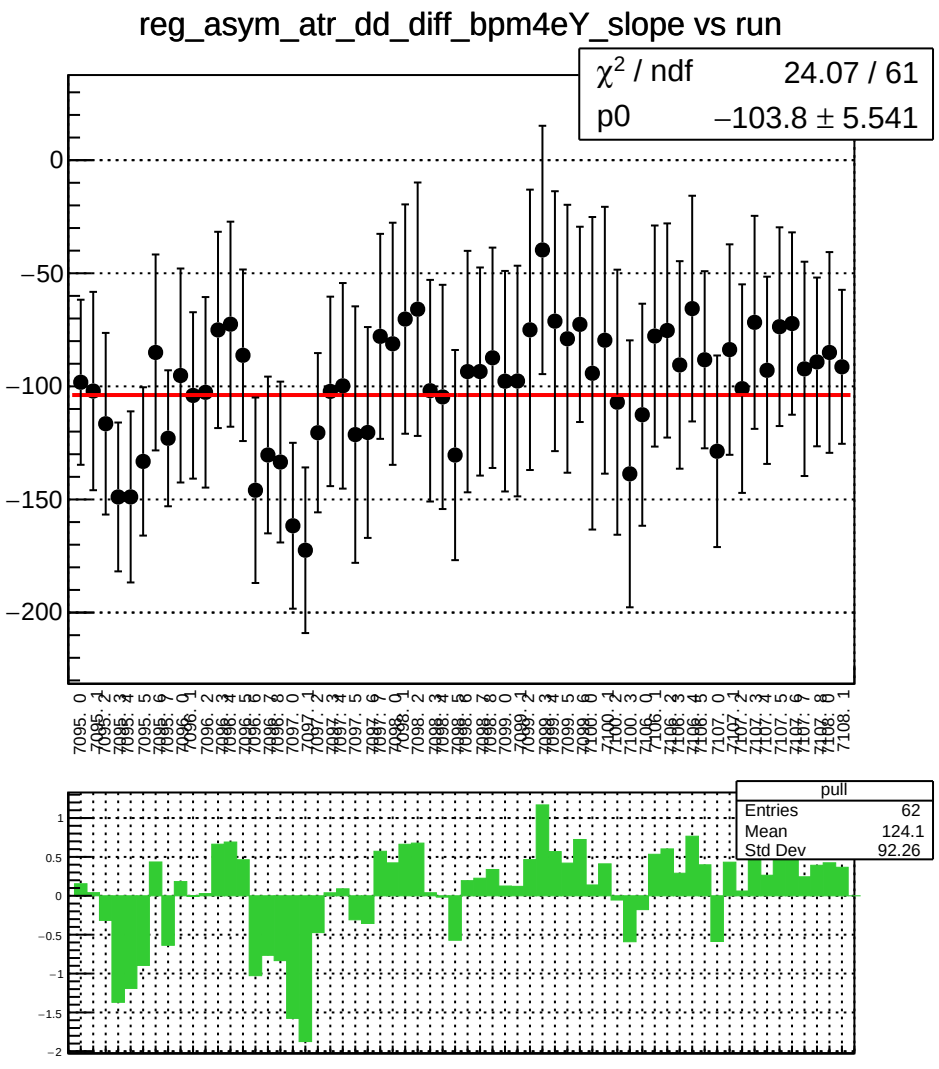

reg_asym_atr_dd_diff_bpm1X_slope vs run
χ² / ndf 38.06 / 61
p0 168.2 ± 6.248
pull
Entries 62
Mean 88.33
Std Dev 56.77

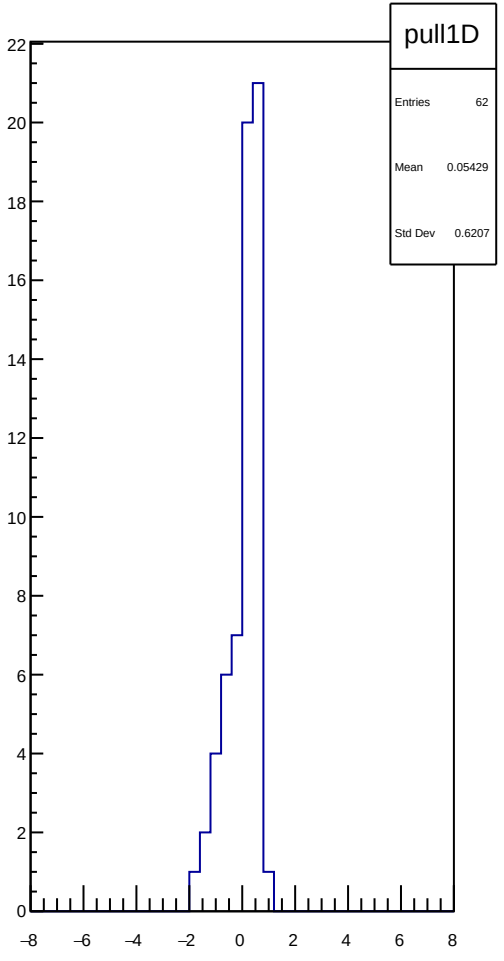

pull1D
Entries 62
Mean 0.1023
Std Dev 0.7768

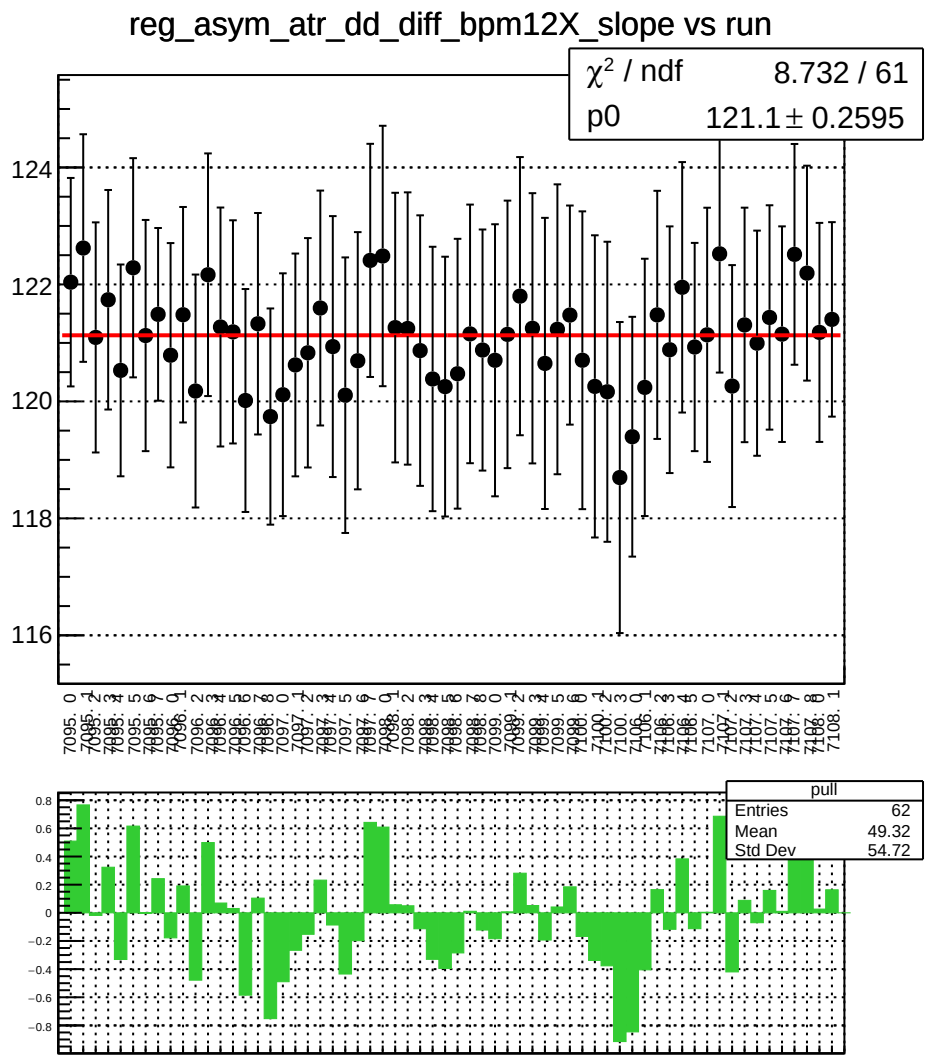

reg_asym_atr_dd_diff_bpm4aY_slope vs run
χ² / ndf 17.74 / 61
p0 26.42 ± 5.201
pull
Entries 62
Mean 128.1
Std Dev 97.15

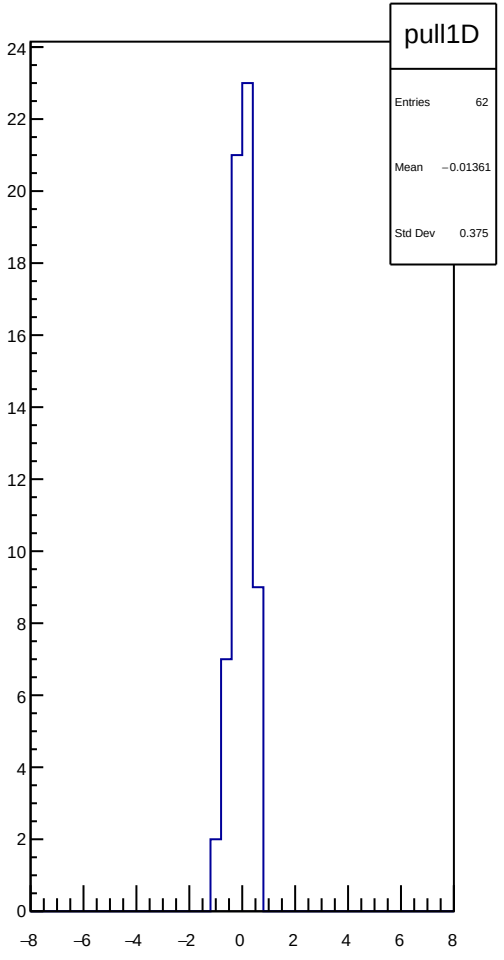

pull1D
Entries 62
Mean −0.03903
Std Dev 0.5334

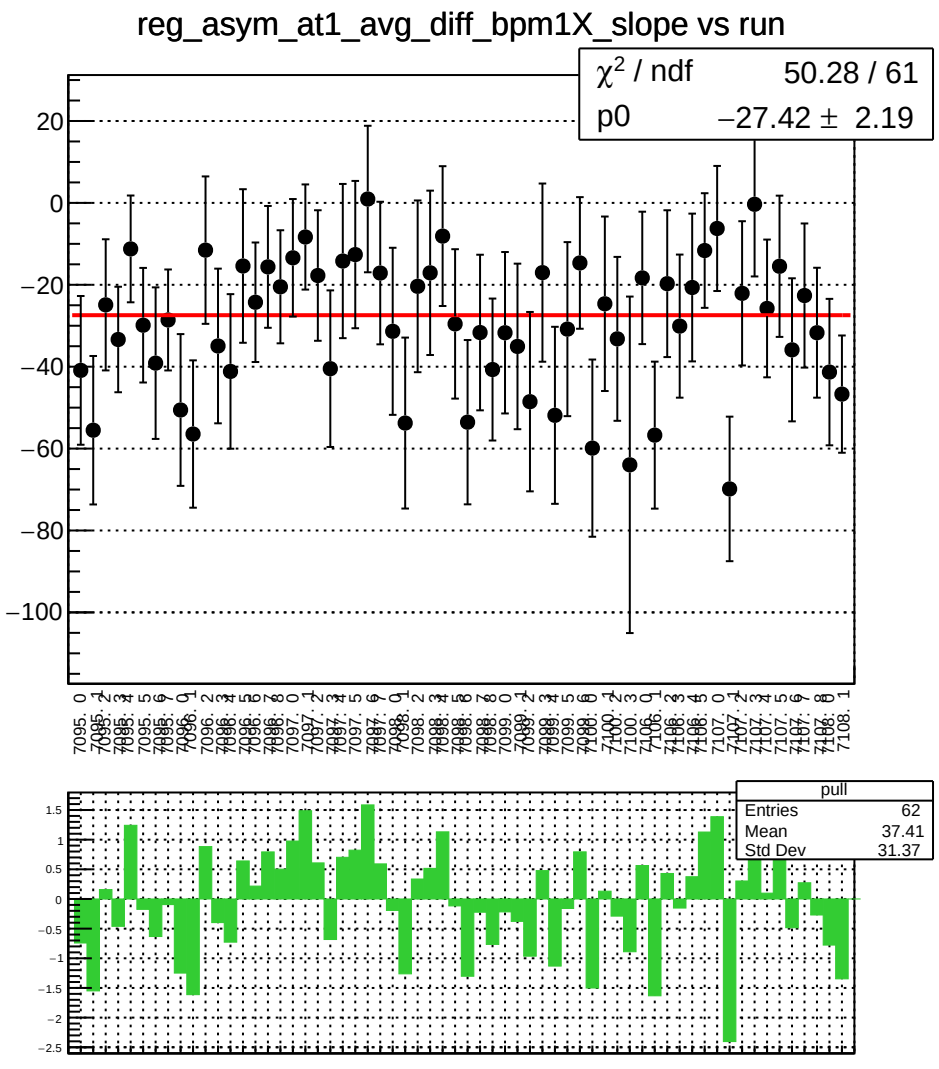

reg_asym_atr_dd_diff_bpm4eX_slope vs run
χ² / ndf 39.79 / 61
p0 −243.7 ± 6.087
pull
Entries 62
Mean 95.98
Std Dev 63.78
pull1D
Entries 62
Mean −0.101
Std Dev 0.7948

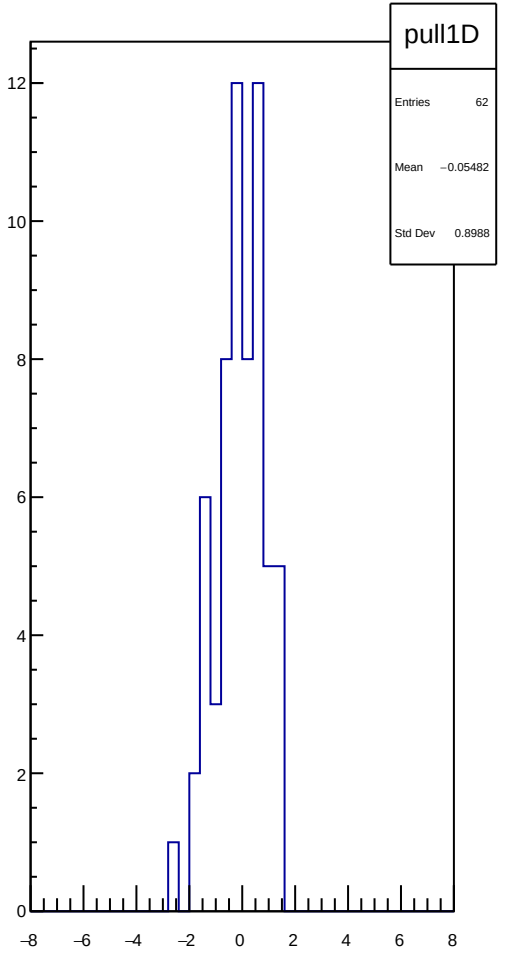

reg_asym_atr_dd_diff_bpm4eY_slope vs run
χ² / ndf 24.07 / 61
p0 −103.8 ± 5.541
pull
Entries 62
Mean 124.1
Std Dev 92.26

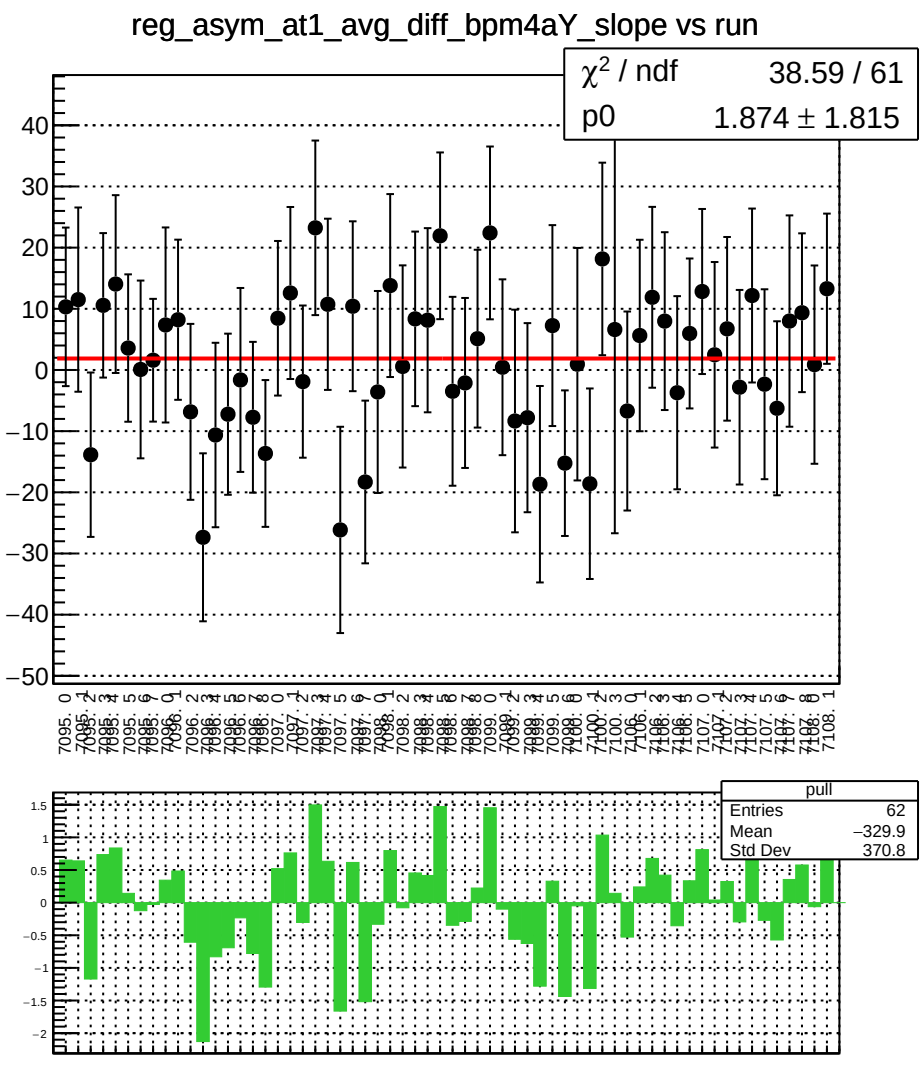

pull1D
Entries 62
Mean 0.05429
Std Dev 0.6207

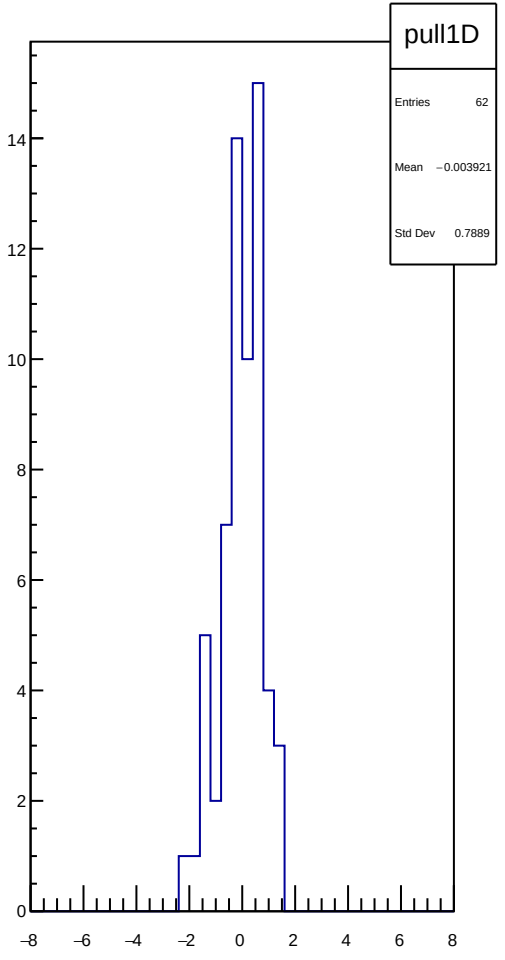

reg_asym_atr_dd_diff_bpm12X_slope vs run
χ^2 / ndf 8.732 / 61
p0 121.1 ± 0.2595
124
122
120
118
116
pull
Entries 62
Mean 49.32
Std Dev 54.72
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

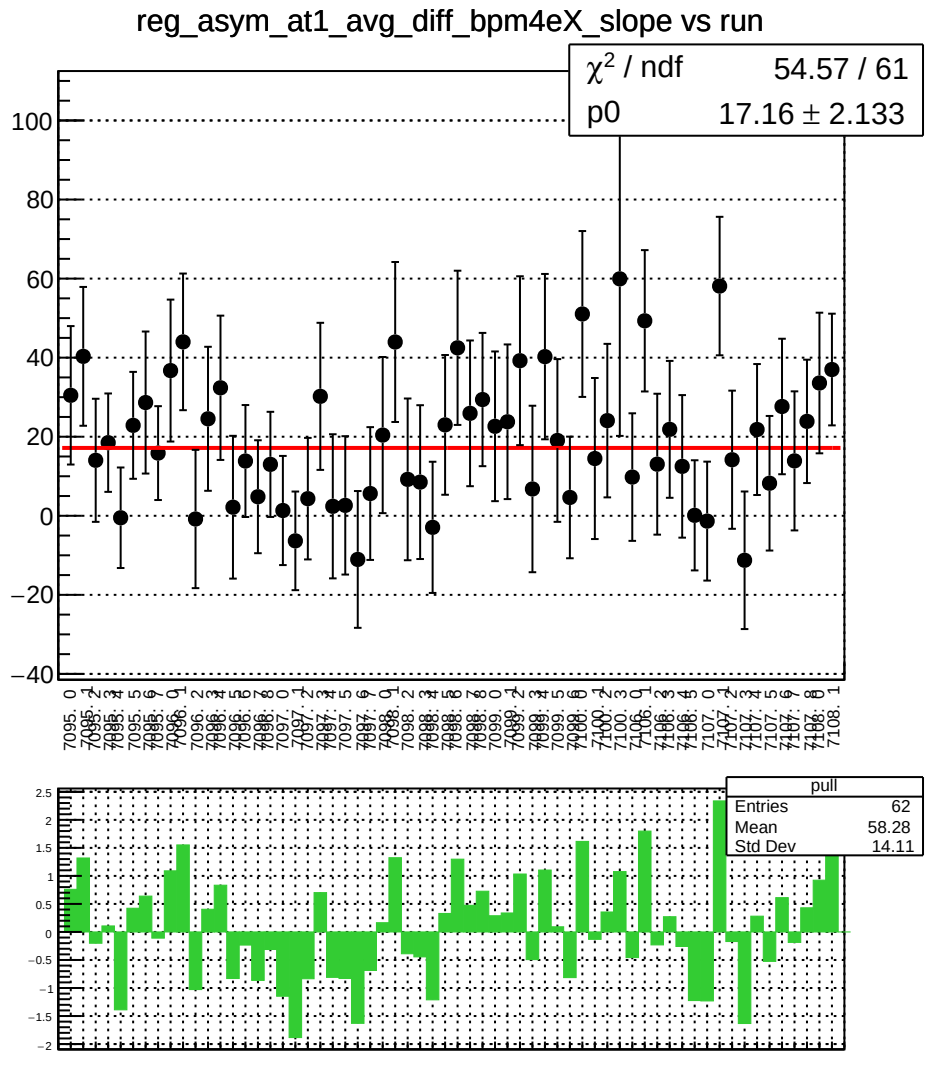

pull1D
Entries 62
Mean −0.01361
Std Dev 0.375
24
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

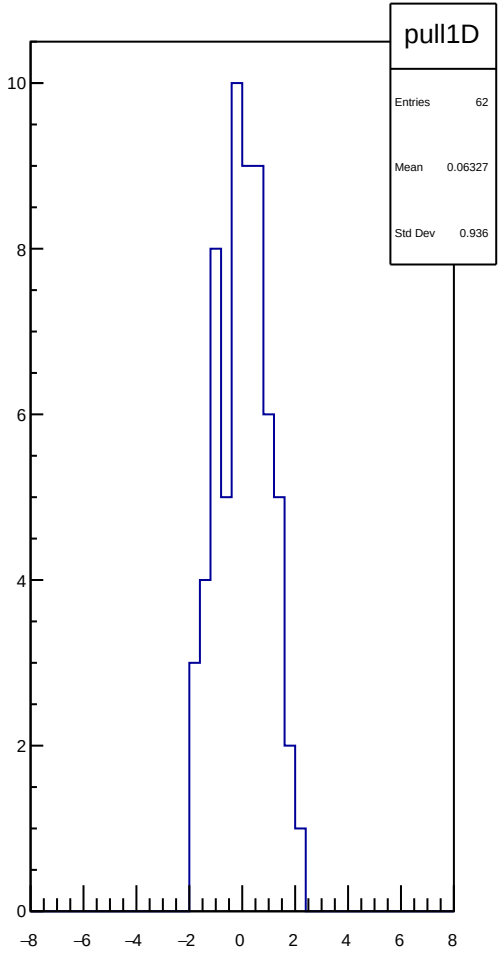

reg_asym_at1_avg_diff_bpm1X_slope vs run
χ² / ndf 50.28 / 61
p0 −27.42 ± 2.19
pull
Entries 62
Mean 37.41
Std Dev 31.37

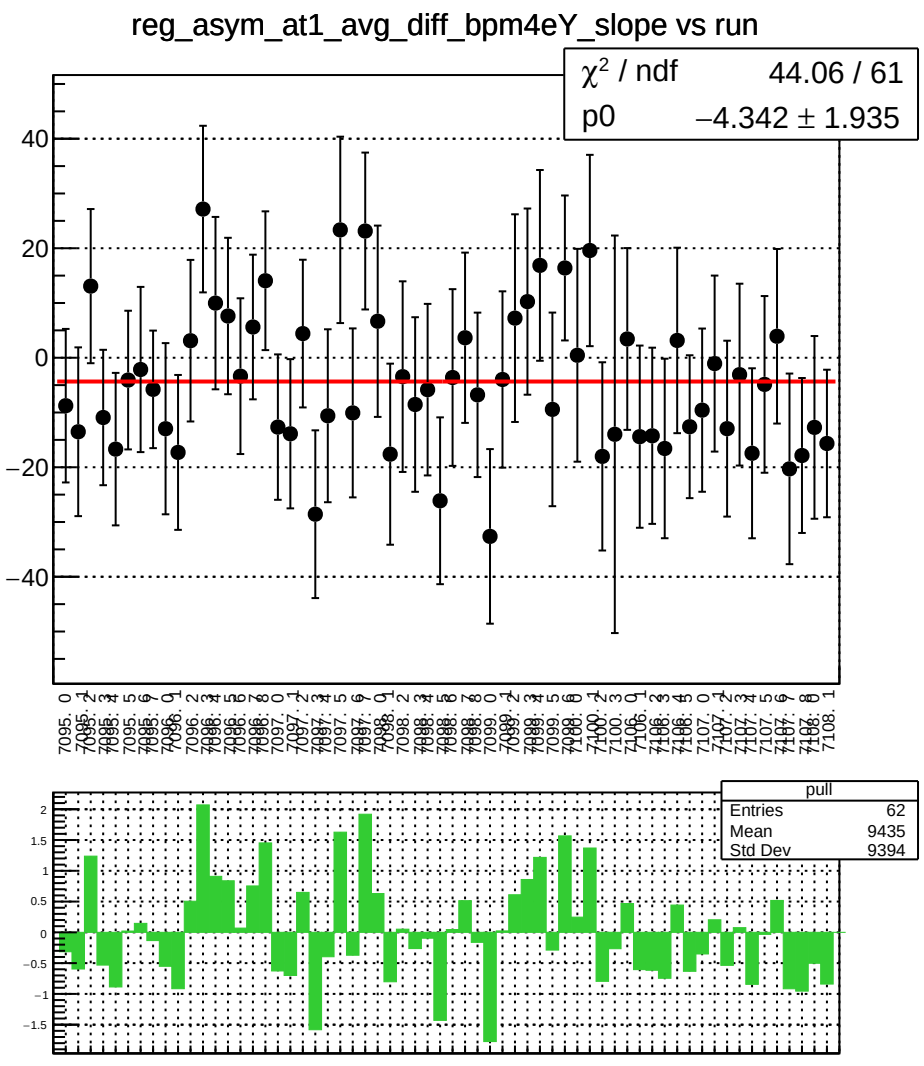

pull1D
Entries 62
Mean −0.05482
Std Dev 0.8988

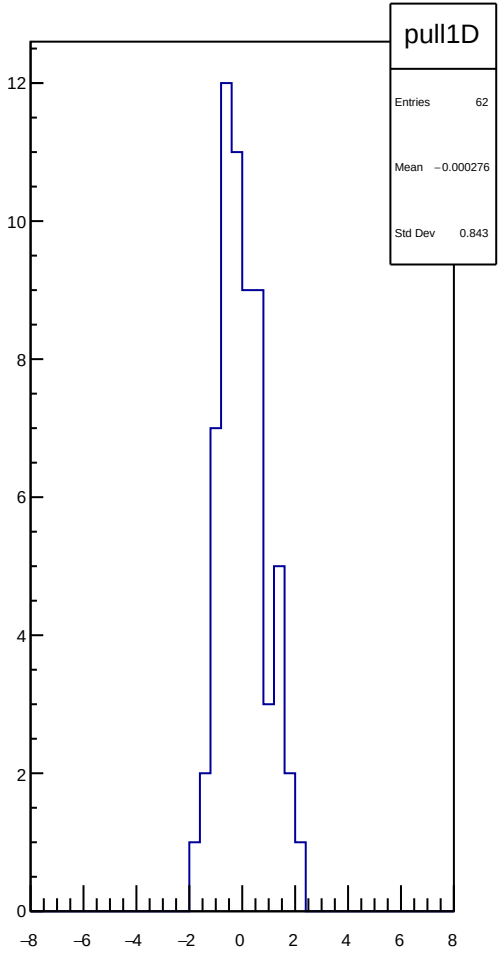

reg_asym_at1_avg_diff_bpm4aY_slope vs run
χ² / ndf 38.59 / 61
p0 1.874 ± 1.815
pull
Entries 62
Mean −329.9
Std Dev 370.8

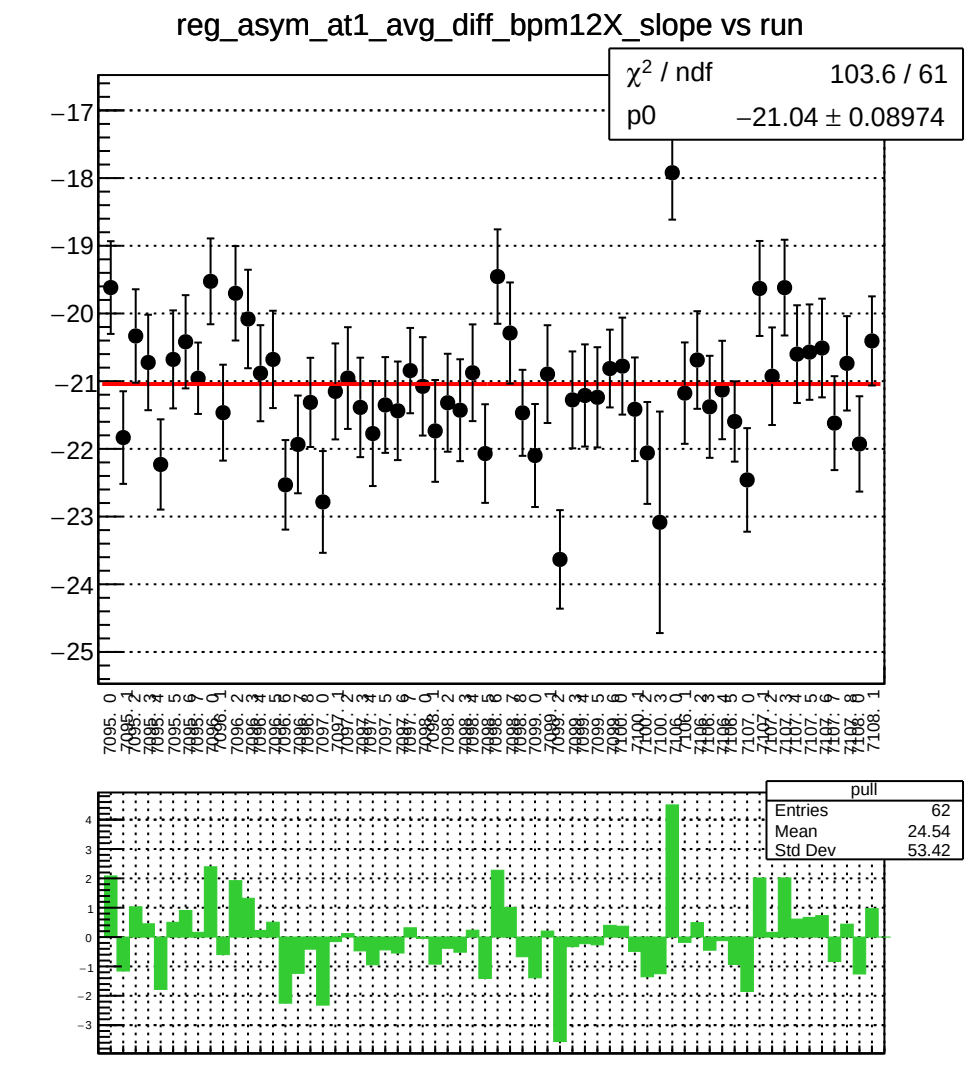

pull1D
Entries 62
Mean −0.003921
Std Dev 0.7889

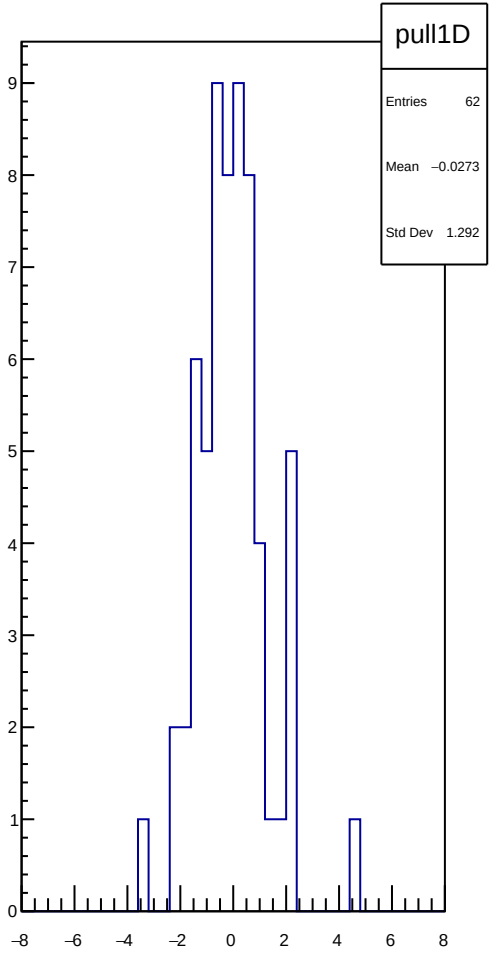

reg_asym_at1_avg_diff_bpm4eX_slope vs run
χ² / ndf 54.57 / 61
p0 17.16 ± 2.133
pull
Entries 62
Mean 58.28
Std Dev 14.11

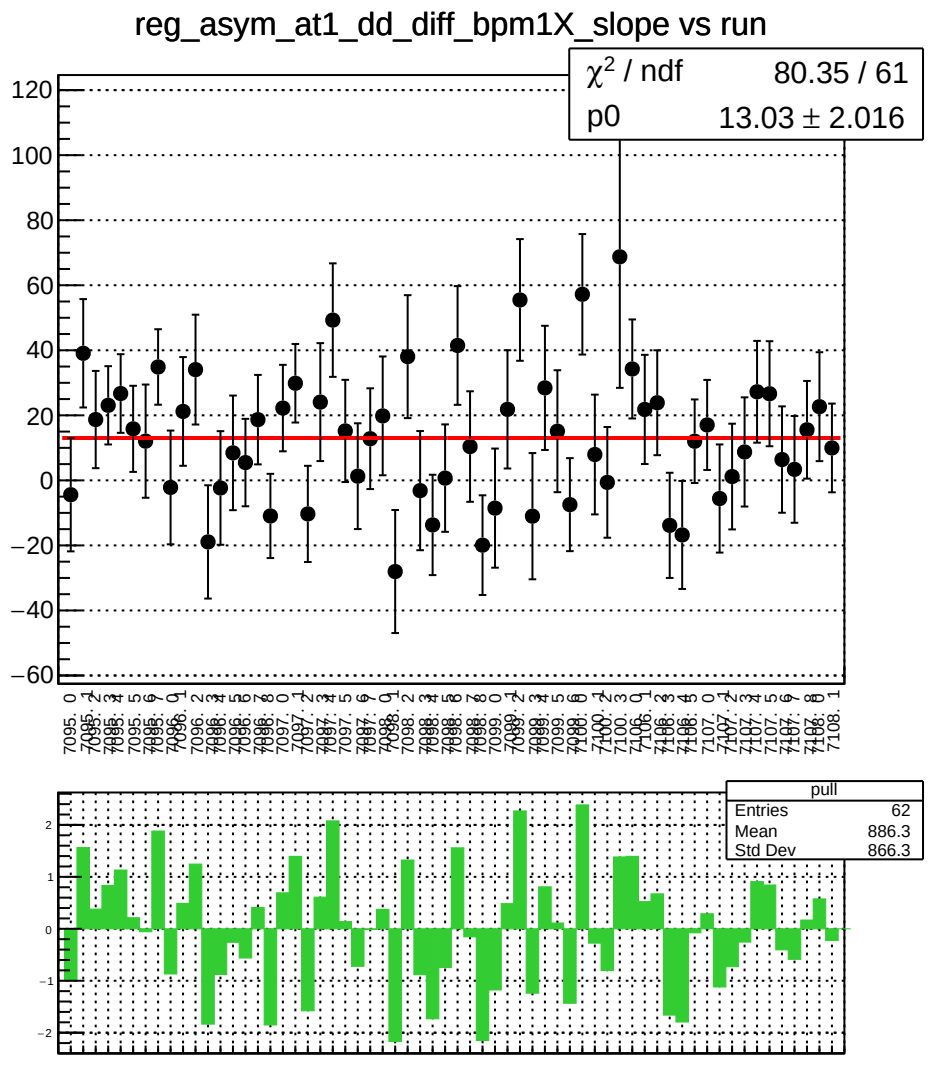

pull1D
Entries 62
Mean 0.06327
Std Dev 0.936

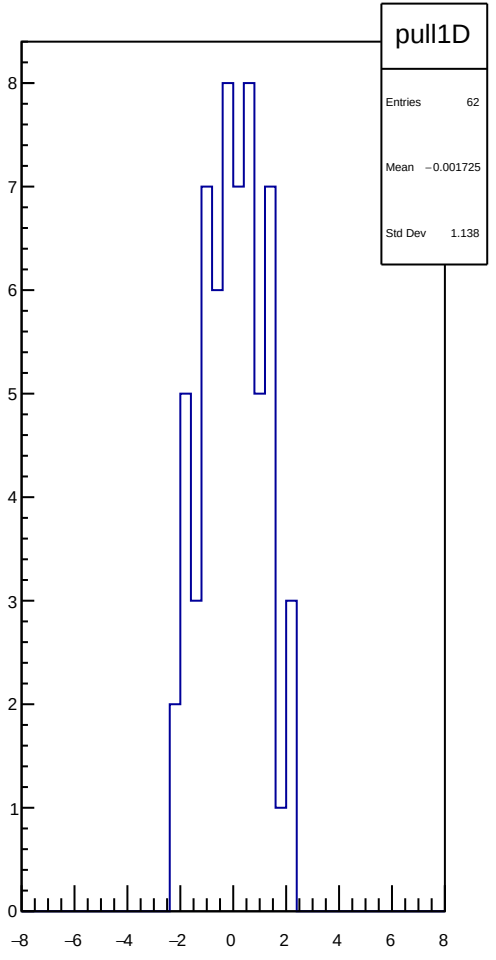

reg_asym_at1_avg_diff_bpm4eY_slope vs run
χ² / ndf 44.06 / 61
p0 −4.342 ± 1.935
pull
Entries 62
Mean 9435
Std Dev 9394

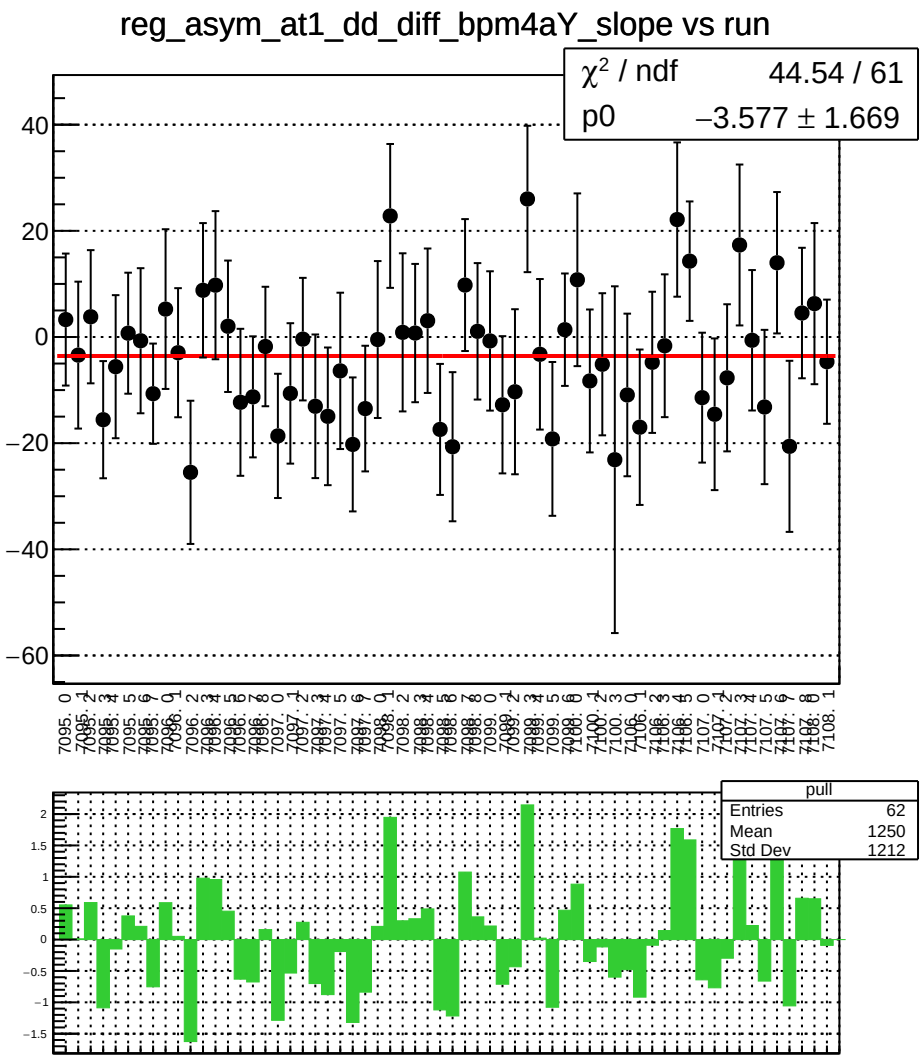

pull1D
Entries 62
Mean −0.000276
Std Dev 0.843

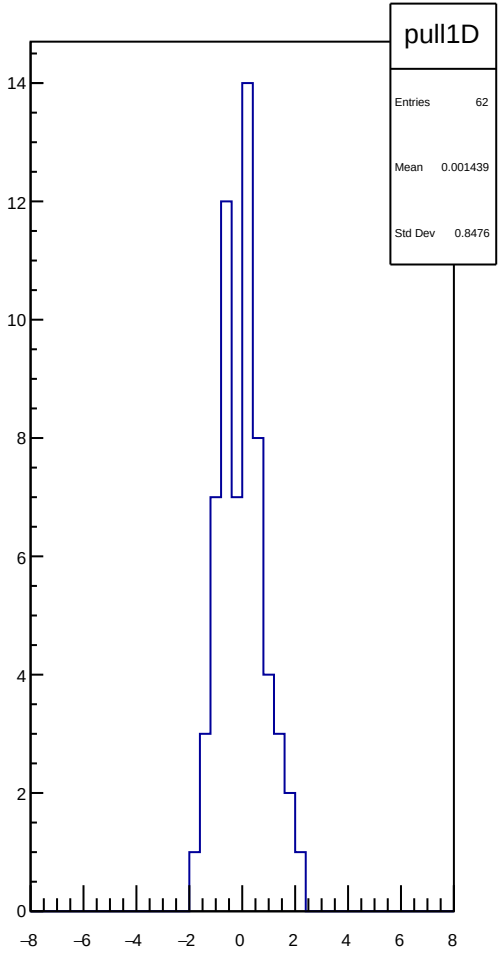

reg_asym_at1_avg_diff_bpm12X_slope vs run
χ² / ndf 103.6 / 61
p0 −21.04 ± 0.08974
pull
Entries 62
Mean 24.54
Std Dev 53.42

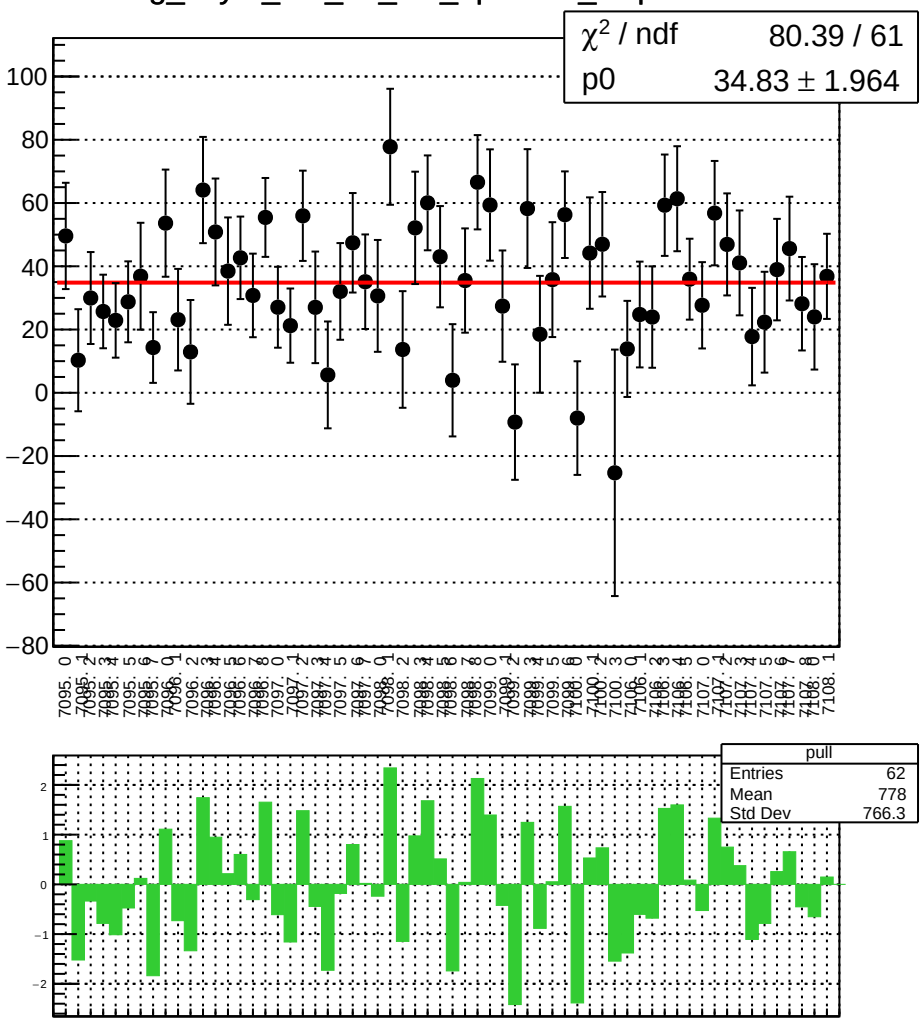

pull1D
Entries 62
Mean −0.0273
Std Dev 1.292

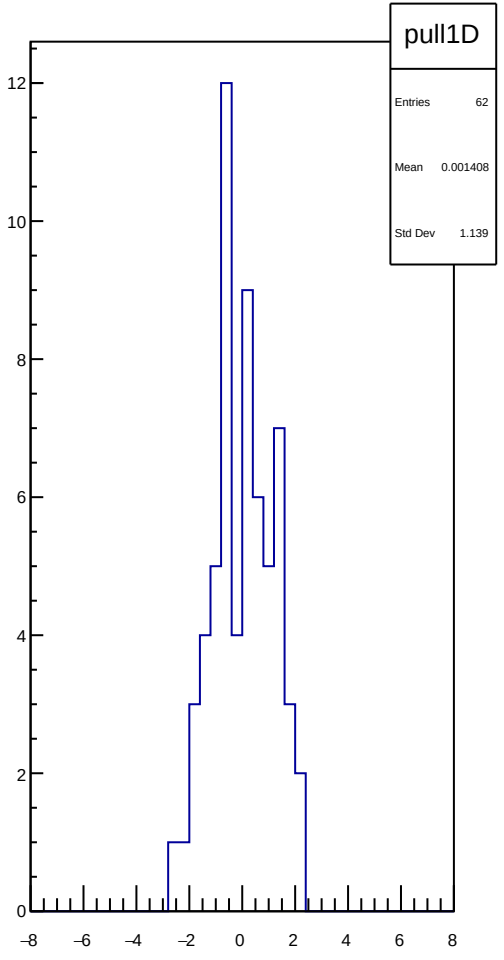

reg_asym_at1_dd_diff_bpm1X_slope vs run
χ^2 / ndf 80.35 / 61
p0 13.03 ± 2.016
pull
Entries 62
Mean 886.3
Std Dev 866.3

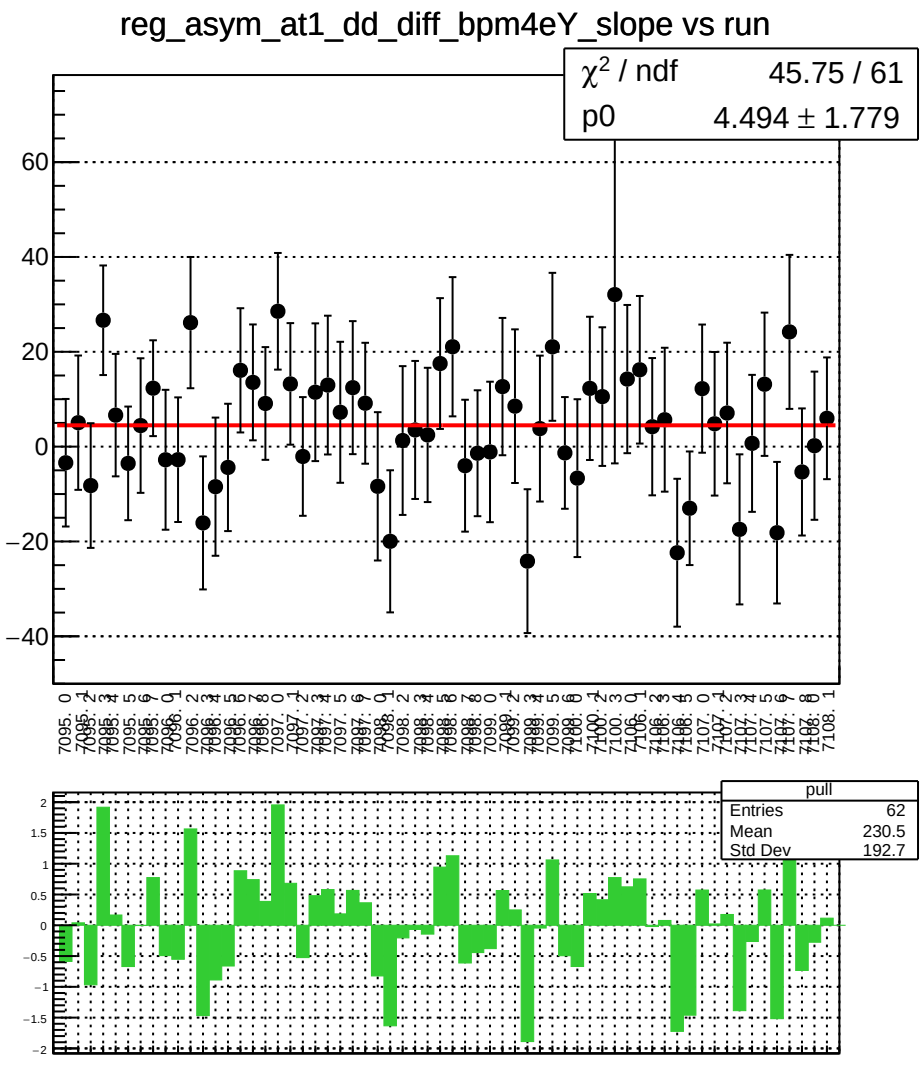

pull1D
Entries 62
Mean −0.001725
Std Dev 1.138

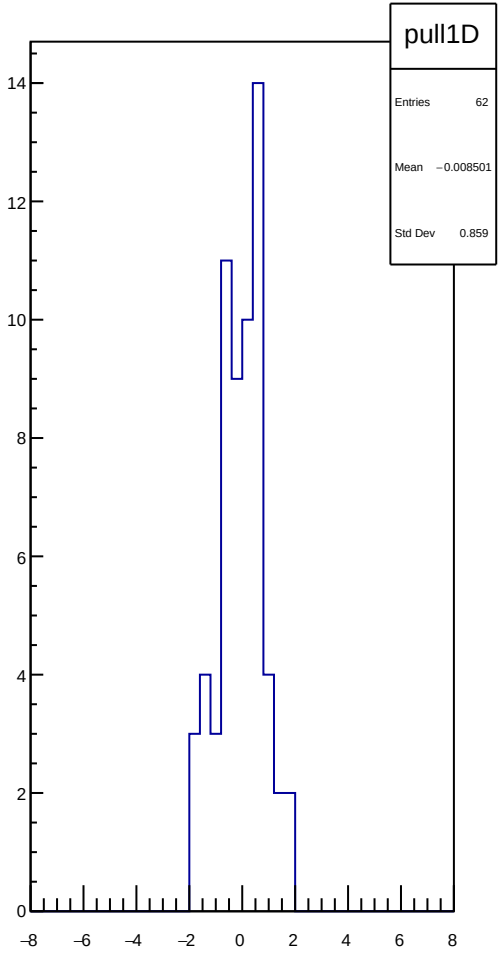

reg_asym_at1_dd_diff_bpm4aY_slope vs run
χ² / ndf 44.54 / 61
p0 −3.577 ± 1.669
pull
Entries 62
Mean 1250
Std Dev 1212

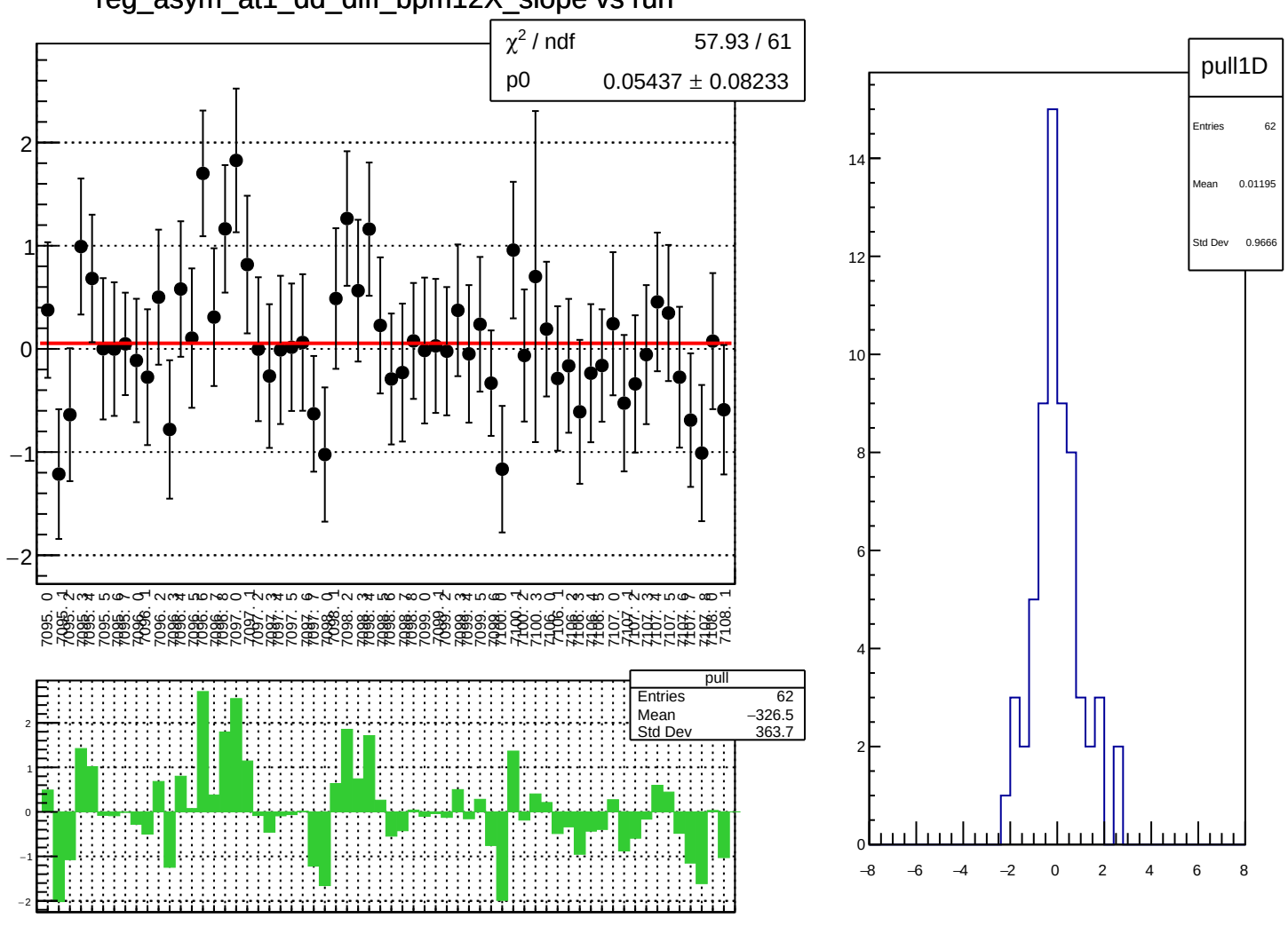

pull1D
Entries 62
Mean 0.001439
Std Dev 0.8476

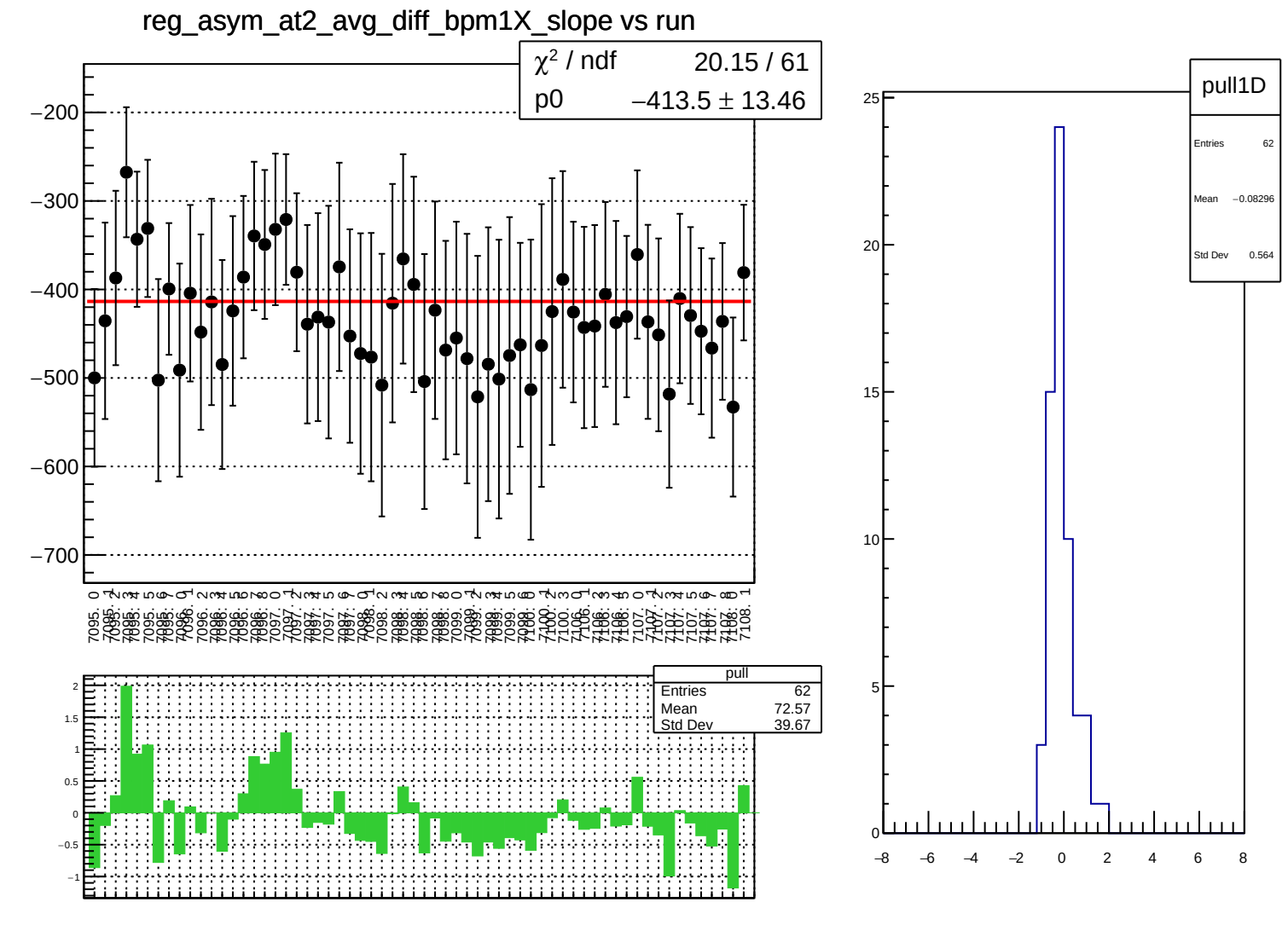

reg_asym_at1_dd_diff_bpm4eX_slope vs run
χ^2 / ndf 80.39 / 61
p0 34.83 ± 1.964
pull
Entries 62
Mean 778
Std Dev 766.3

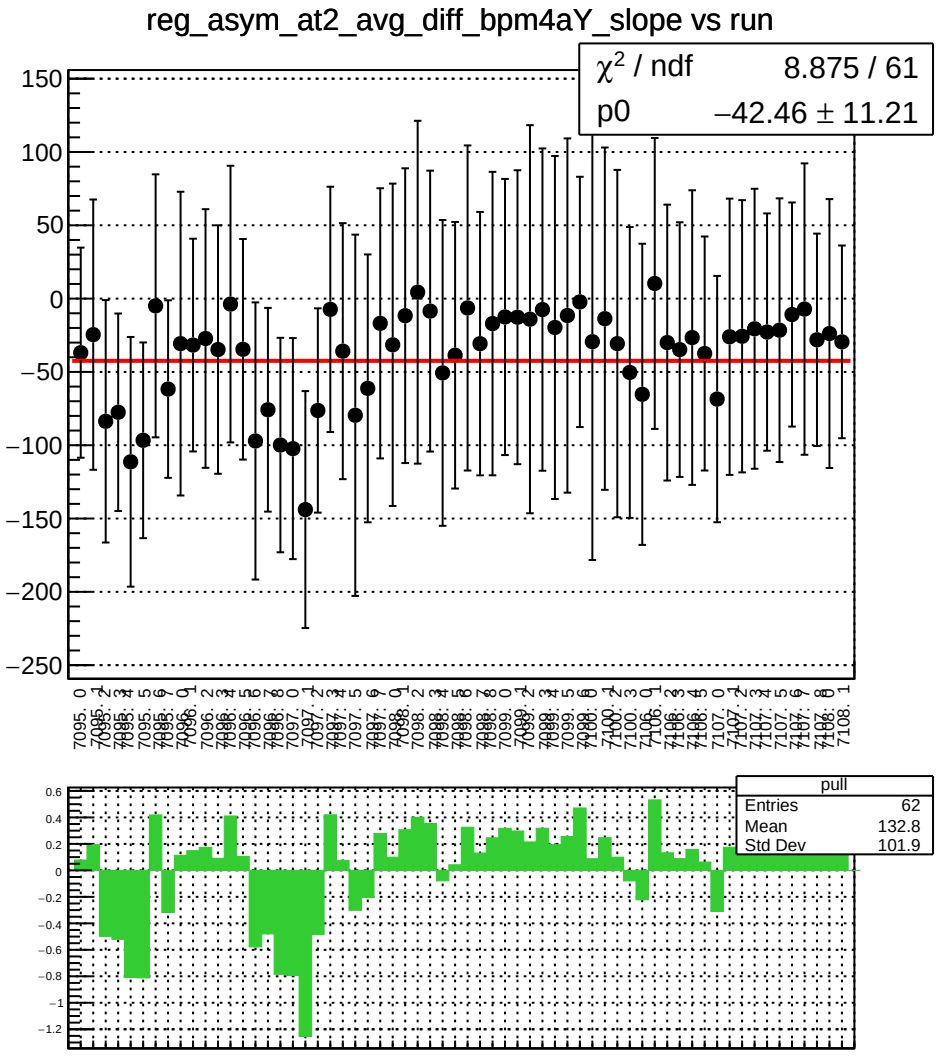

pull1D
Entries 62
Mean 0.001408
Std Dev 1.139

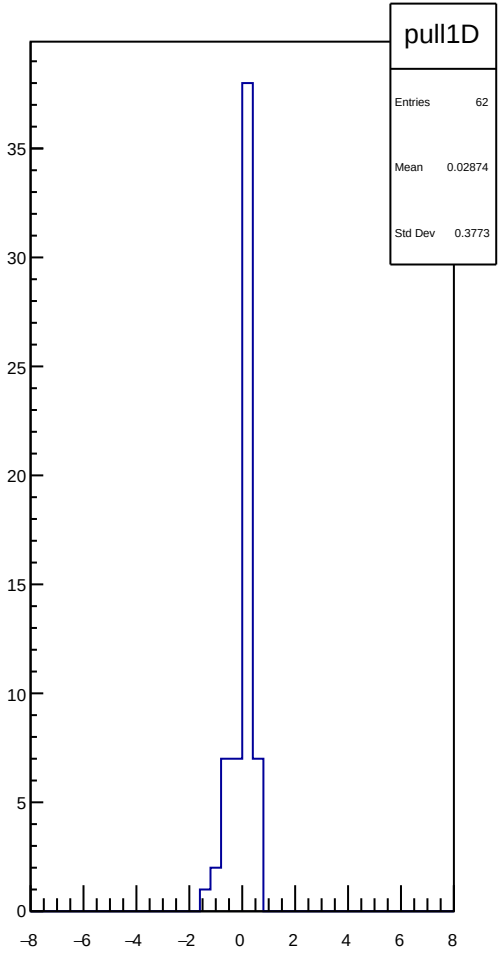

reg_asym_at1_dd_diff_bpm4eY_slope vs run
χ² / ndf 45.75 / 61
p0 4.494 ± 1.779
pull
Entries 62
Mean 230.5
Std Dev 192.7

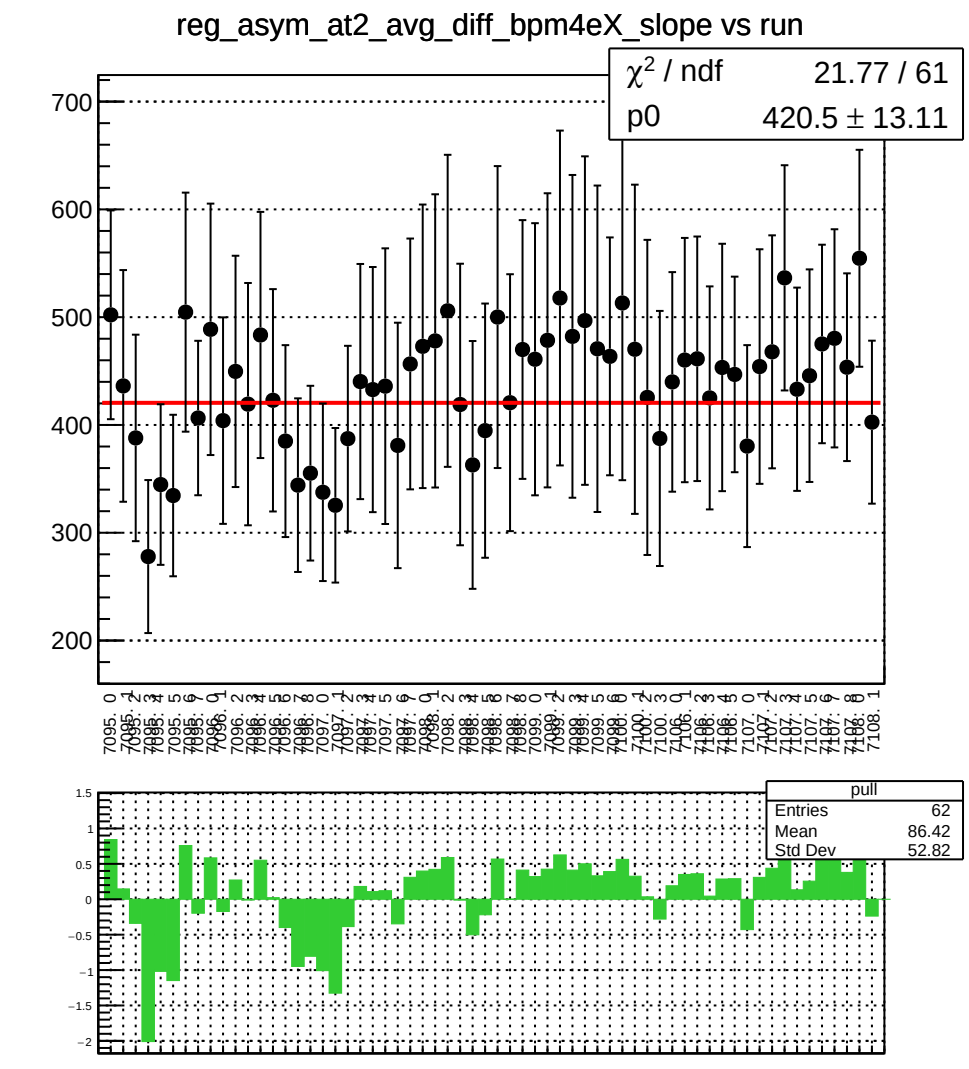

pull1D
Entries 62
Mean −0.008501
Std Dev 0.859

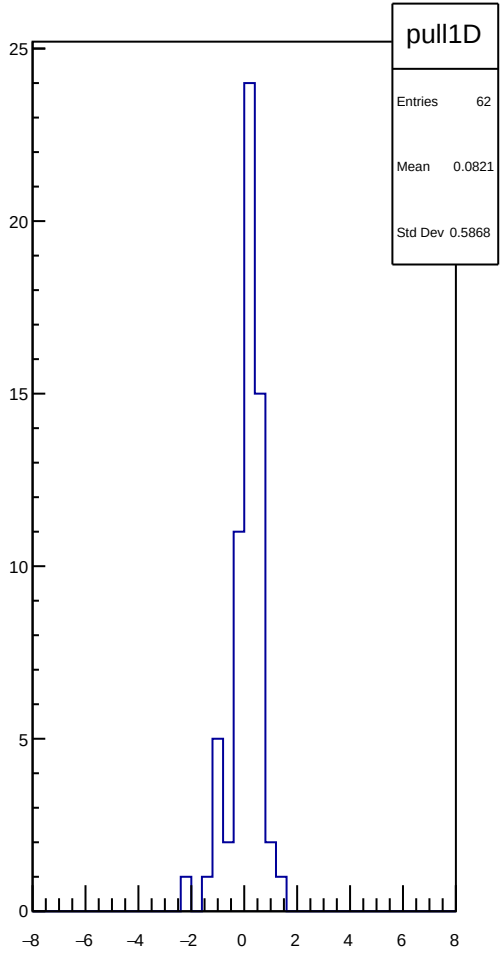

reg_asym_at1_dd_diff_bpm12X_slope vs run
χ² / ndf 57.93 / 61
p0 0.05437 ± 0.08233
pull
Entries 62
Mean −326.5
Std Dev 363.7
pull1D
Entries 62
Mean 0.01195
Std Dev 0.9666

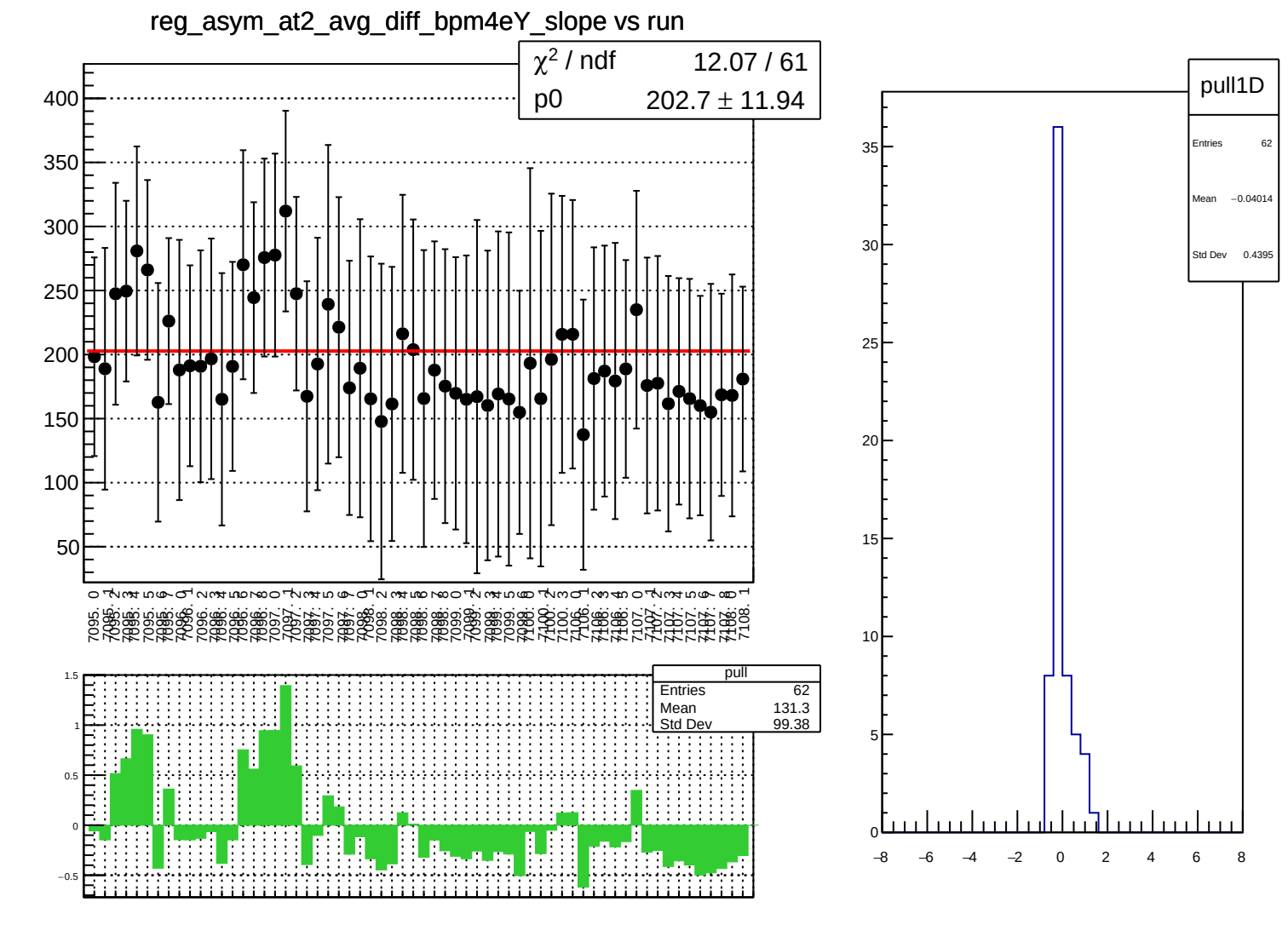

reg_asym_at2_avg_diff_bpm1X_slope vs run
χ² / ndf 20.15 / 61
p0 −413.5 ± 13.46
pull
Entries 62
Mean 72.57
Std Dev 39.67
pull1D
Entries 62
Mean −0.08296
Std Dev 0.564

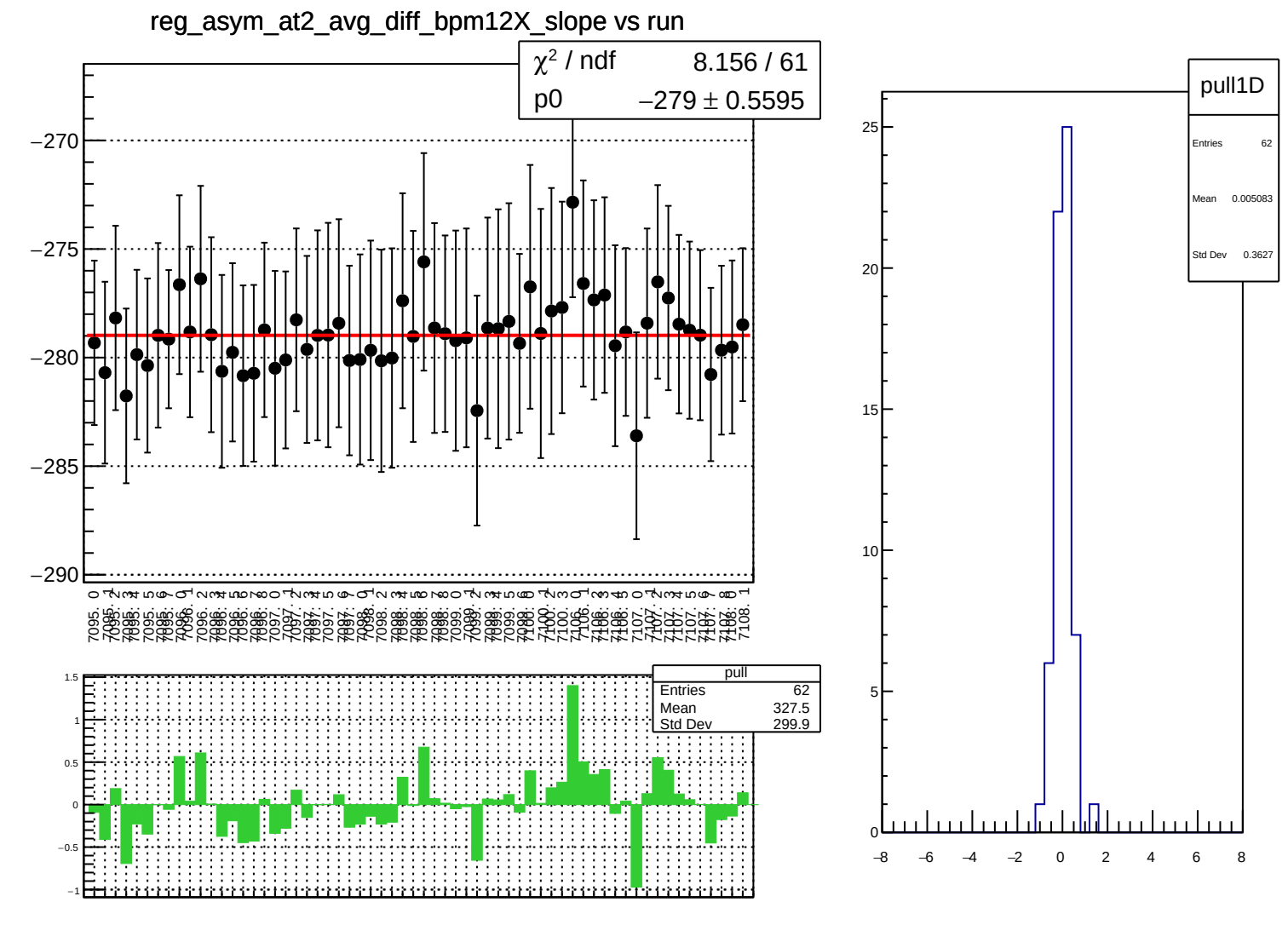

reg_asym_at2_avg_diff_bpm4aY_slope vs run
χ² / ndf 8.875 / 61
p0 −42.46 ± 11.21
pull
Entries 62
Mean 132.8
Std Dev 101.9

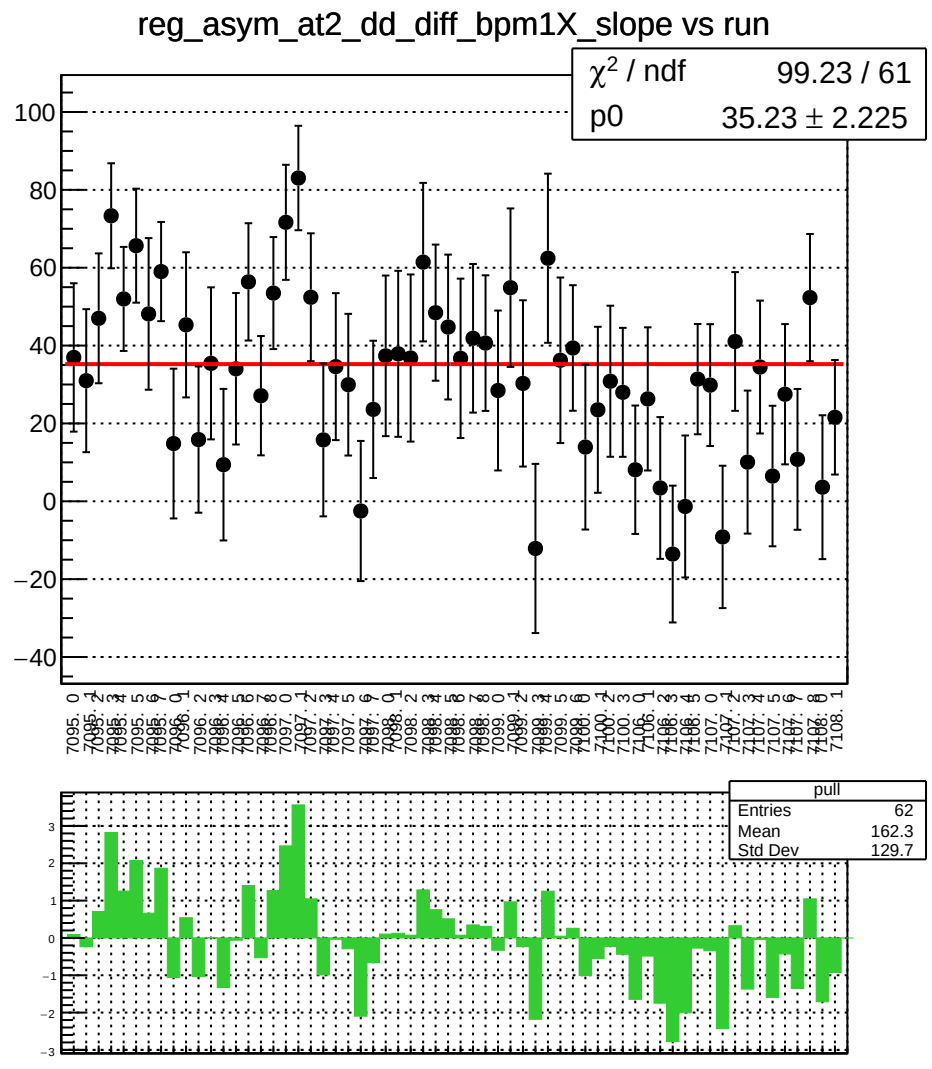

pull1D
Entries 62
Mean 0.02874
Std Dev 0.3773

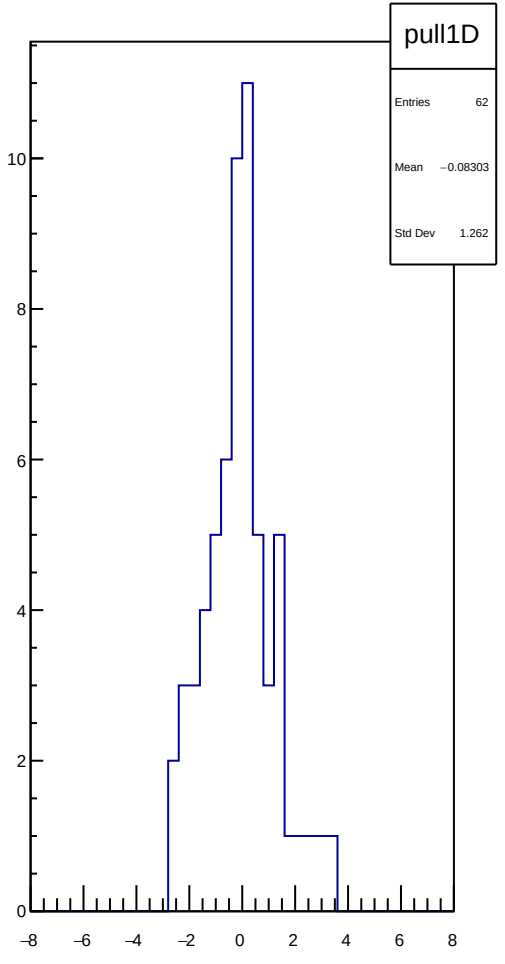

reg_asym_at2_avg_diff_bpm4eX_slope vs run
χ² / ndf 21.77 / 61
p0 420.5 ± 13.11
700
600
500
400
300
200
pull
Entries 62
Mean 86.42
Std Dev 52.82
1.5
1
0.5
0
−0.5
−1
−1.5
−2

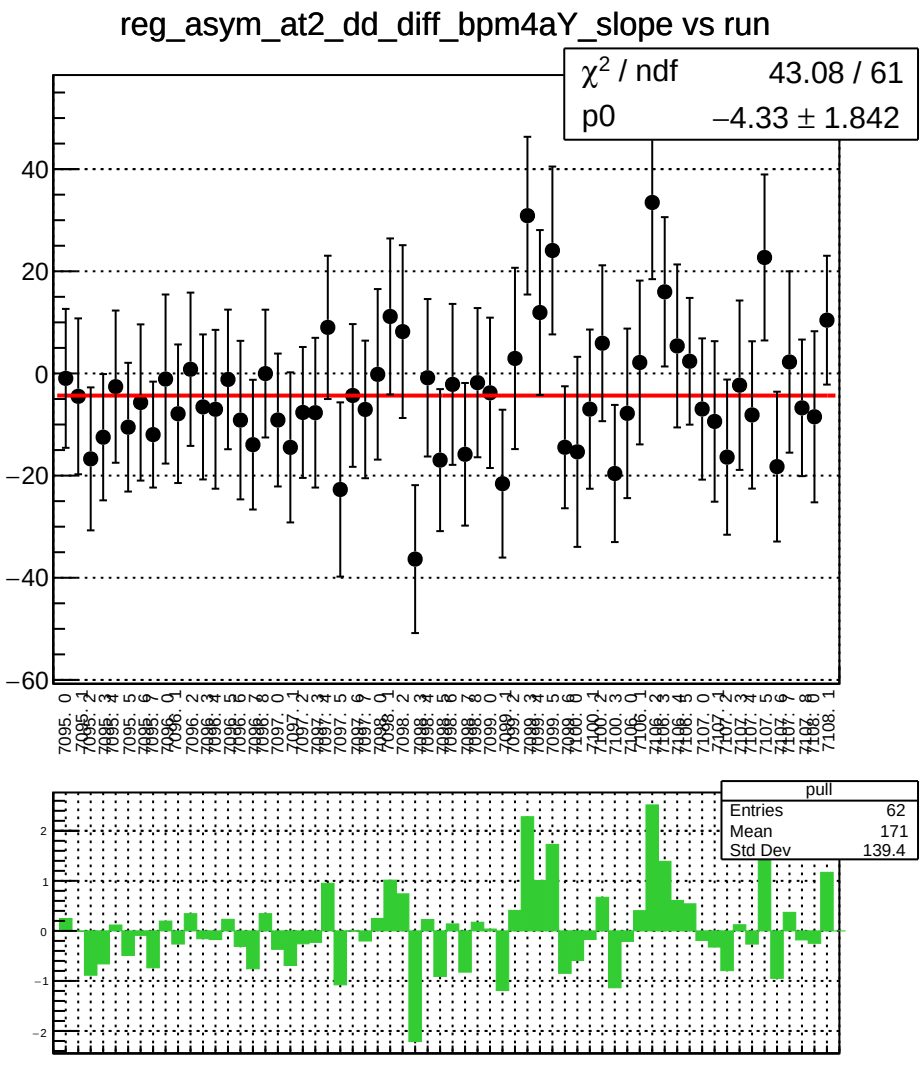

pull1D
Entries 62
Mean 0.0821
Std Dev 0.5868
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

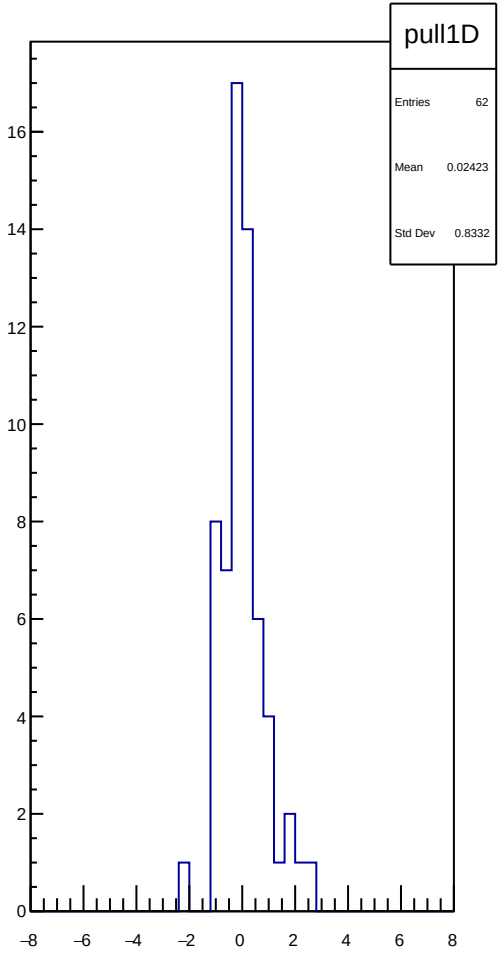

reg_asym_at2_avg_diff_bpm4eY_slope vs run
χ² / ndf 12.07 / 61
p0 202.7 ± 11.94
pull
Entries 62
Mean 131.3
Std Dev 99.38
pull1D
Entries 62
Mean −0.04014
Std Dev 0.4395

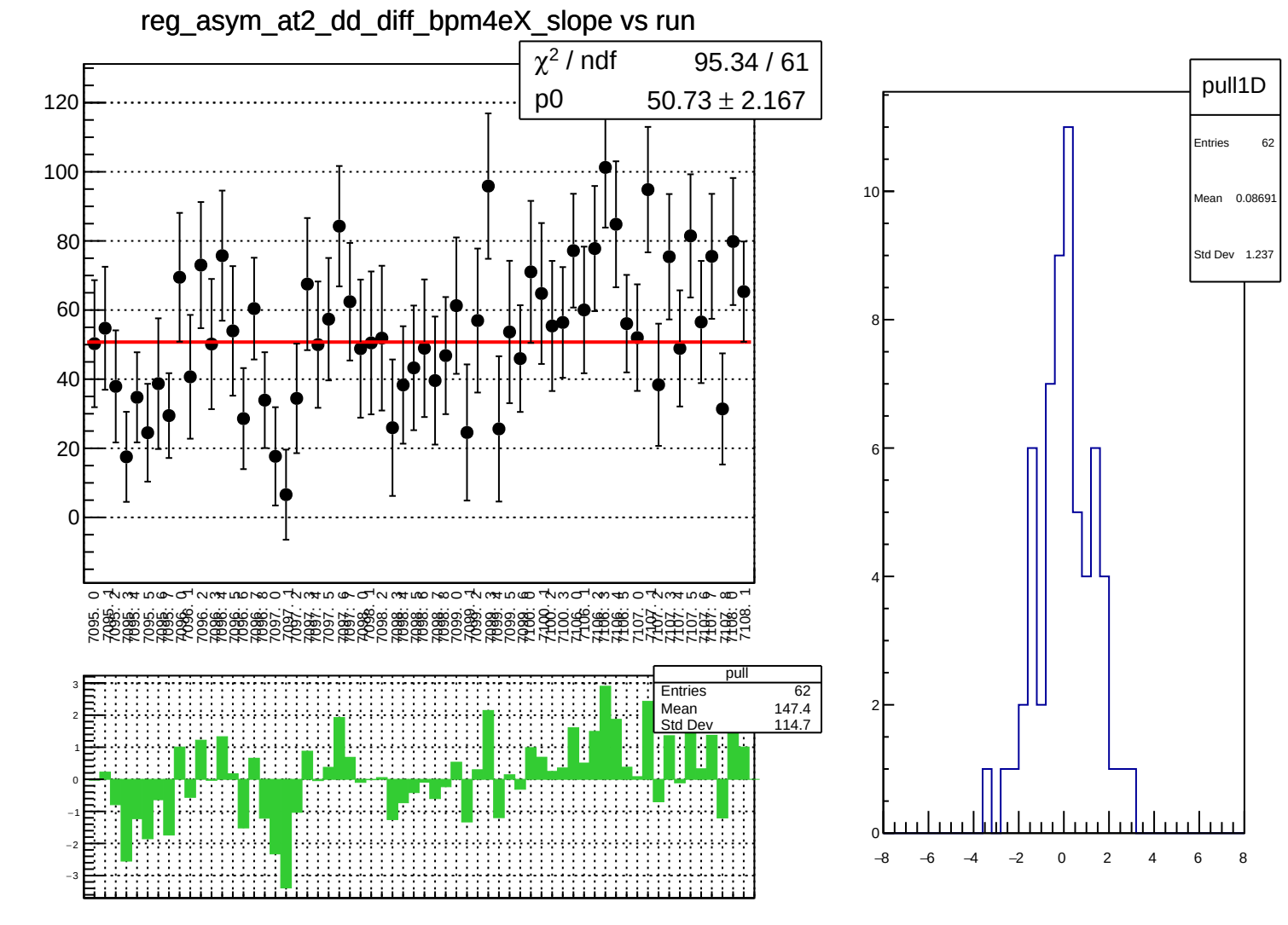

reg_asym_at2_avg_diff_bpm12X_slope vs run
χ² / ndf 8.156 / 61
p0 −279 ± 0.5595
−270
−275
−280
−285
−290
pull
Entries 62
Mean 327.5
Std Dev 299.9
1.5
1
0.5
0
−0.5
−1
pull1D
Entries 62
Mean 0.005083
Std Dev 0.3627
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

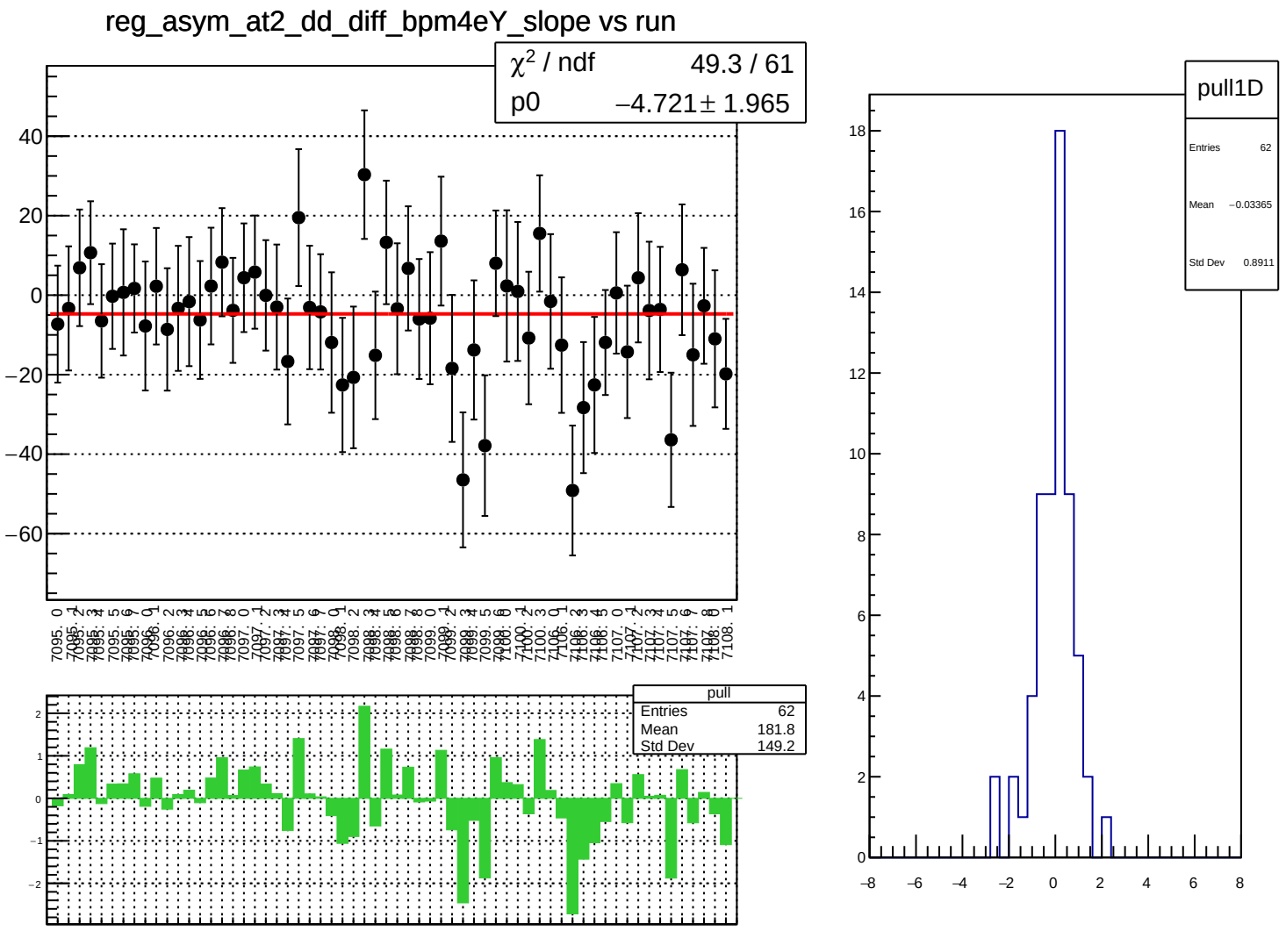

reg_asym_at2_dd_diff_bpm1X_slope vs run
χ² / ndf 99.23 / 61
p0 35.23 ± 2.225
pull
Entries 62
Mean 162.3
Std Dev 129.7

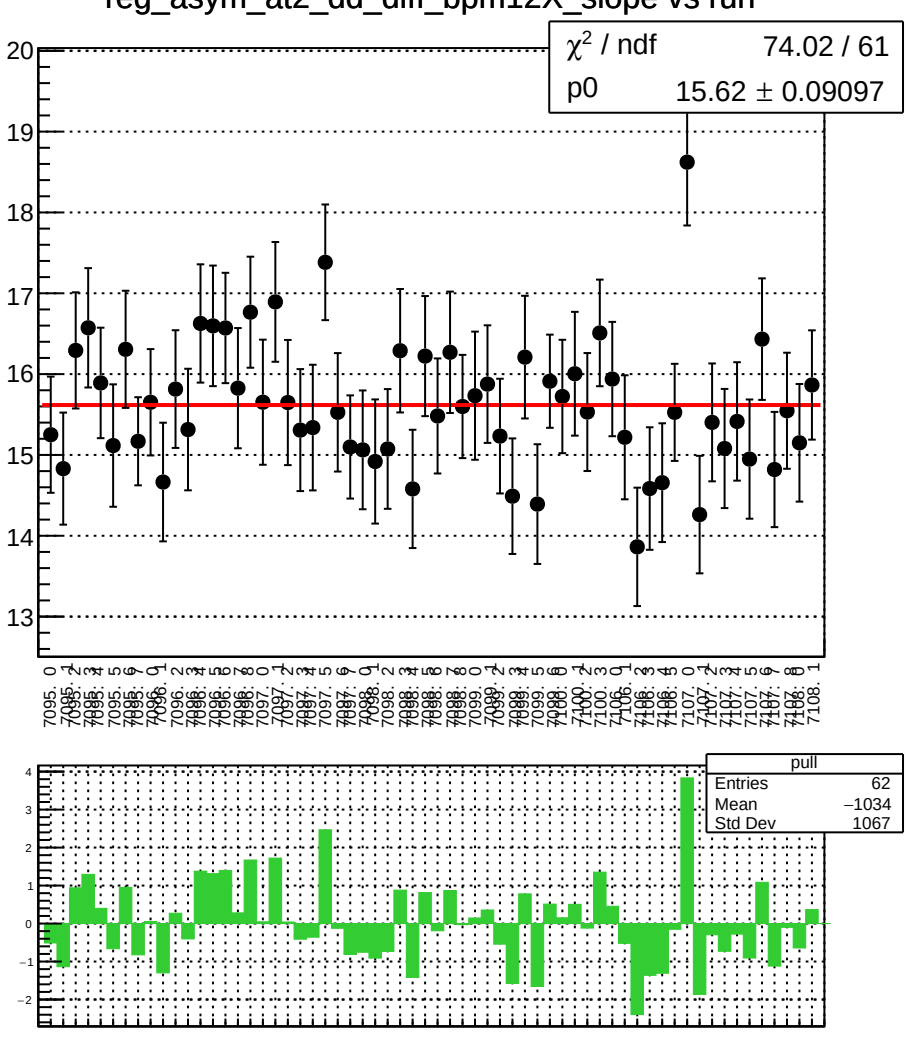

pull1D
Entries 62
Mean −0.08303
Std Dev 1.262

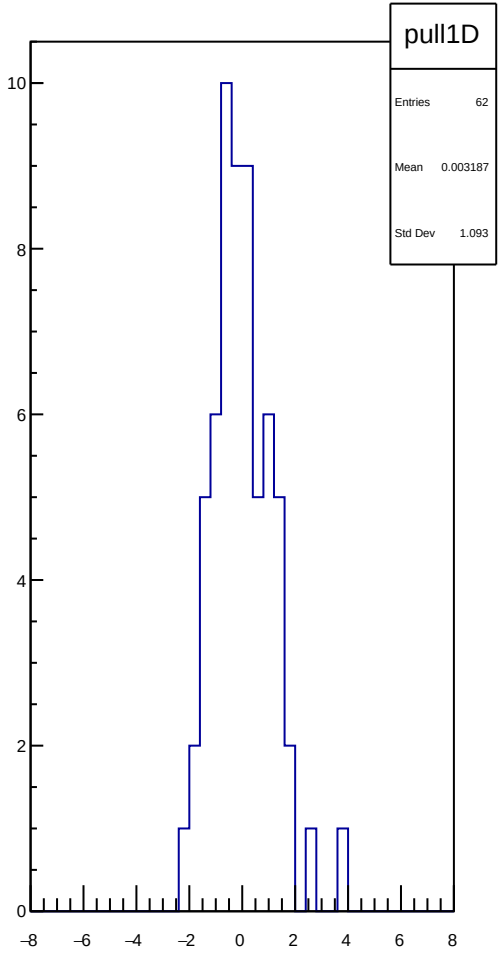

reg_asym_at2_dd_diff_bpm4aY_slope vs run
χ² / ndf 43.08 / 61
p0 −4.33 ± 1.842
pull
Entries 62
Mean 171
Std Dev 139.4

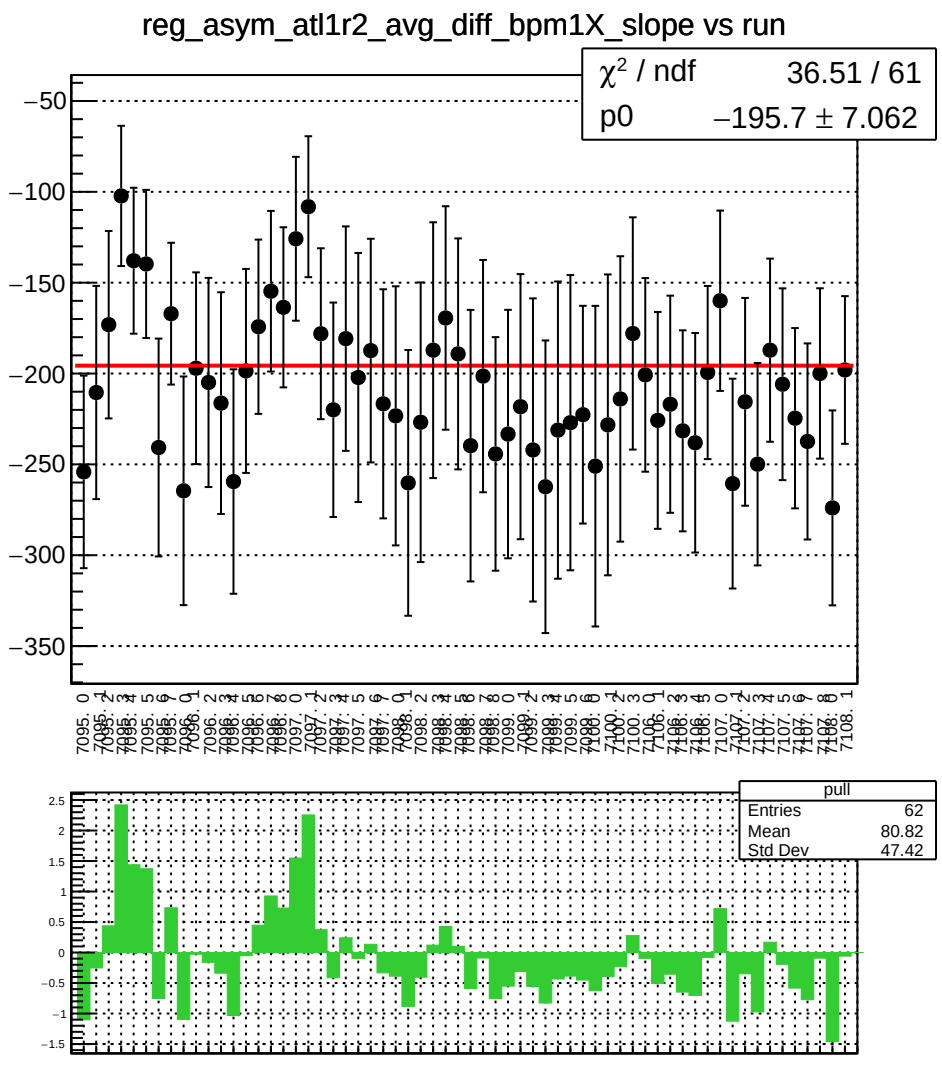

pull1D
Entries 62
Mean 0.02423
Std Dev 0.8332

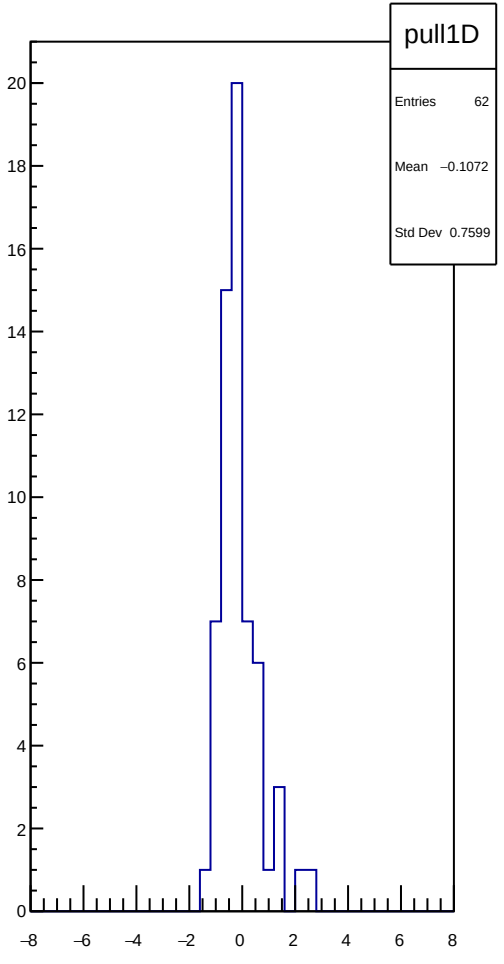

reg_asym_at2_dd_diff_bpm4eX_slope vs run
χ² / ndf 95.34 / 61
p0 50.73 ± 2.167
pull
Entries 62
Mean 147.4
Std Dev 114.7
pull1D
Entries 62
Mean 0.08691
Std Dev 1.237

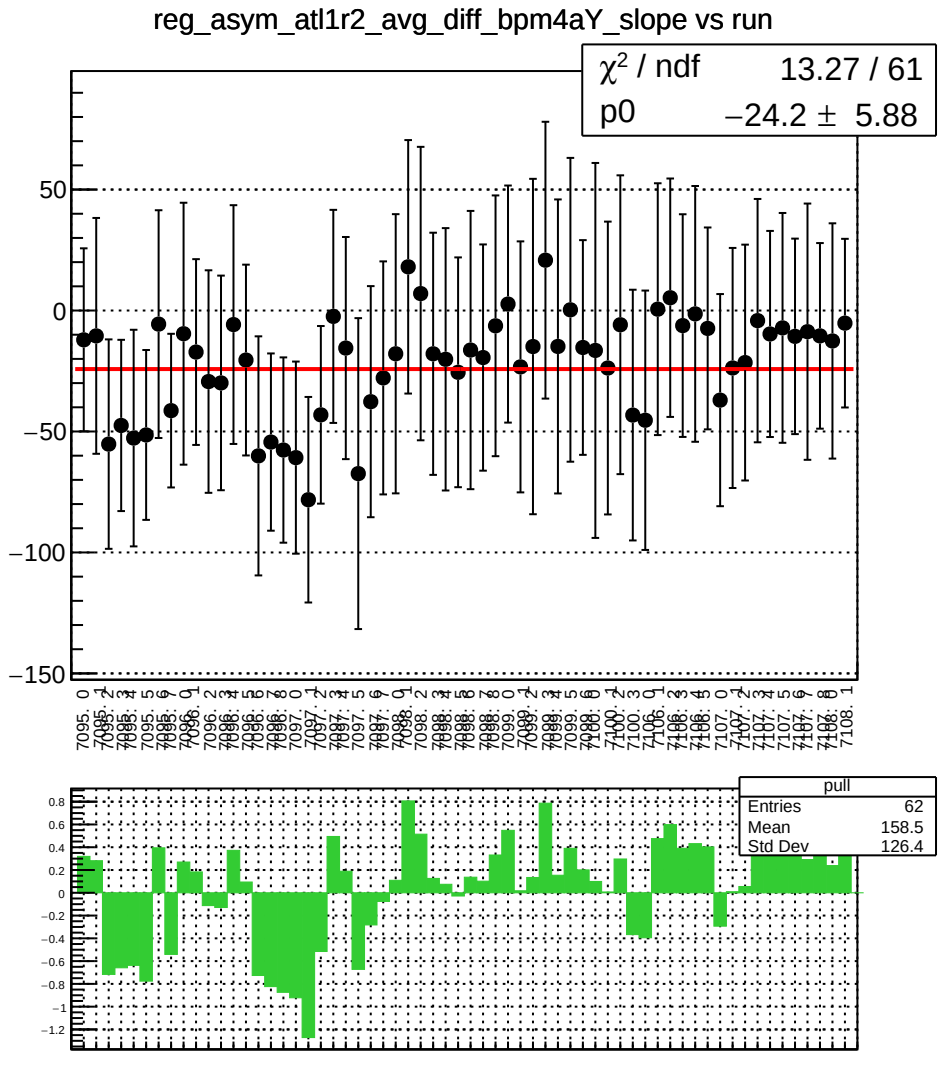

reg_asym_at2_dd_diff_bpm4eY_slope vs run
χ² / ndf 49.3 / 61
p0 −4.721± 1.965
pull
Entries 62
Mean 181.8
Std Dev 149.2
pull1D
Entries 62
Mean −0.03365
Std Dev 0.8911

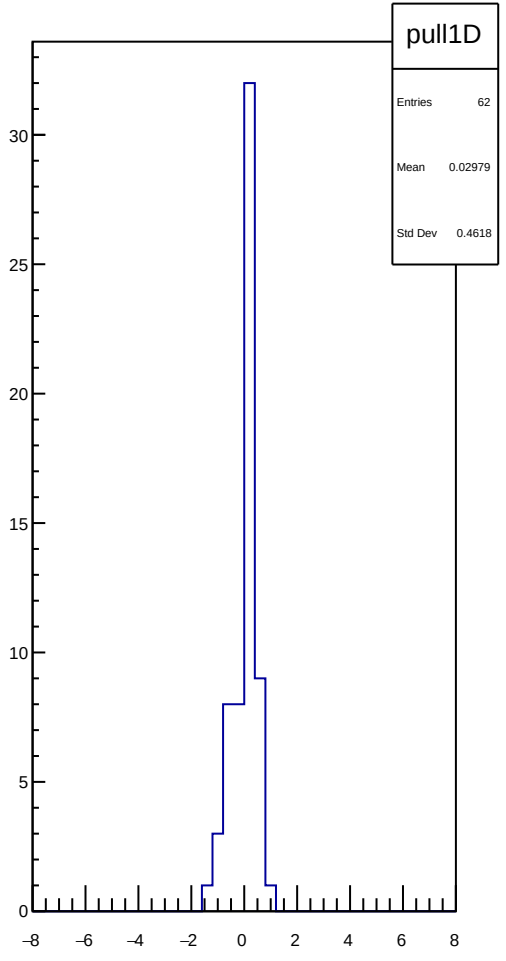

reg_asym_at2_dd_diff_bpm12X_slope vs run
χ² / ndf 74.02 / 61
p0 15.62 ± 0.09097
pull
Entries 62
Mean −1034
Std Dev 1067

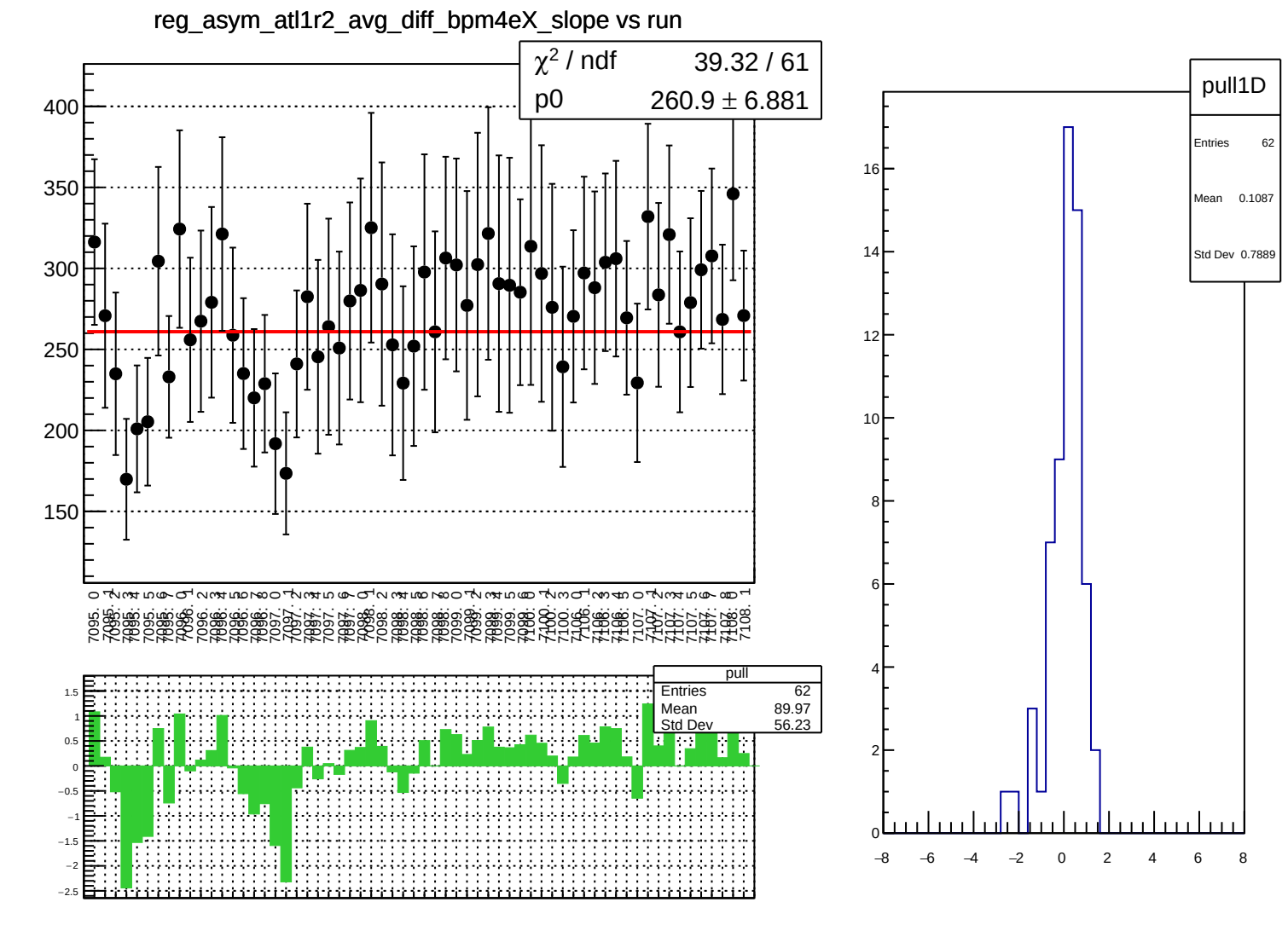

pull1D
Entries 62
Mean 0.003187
Std Dev 1.093

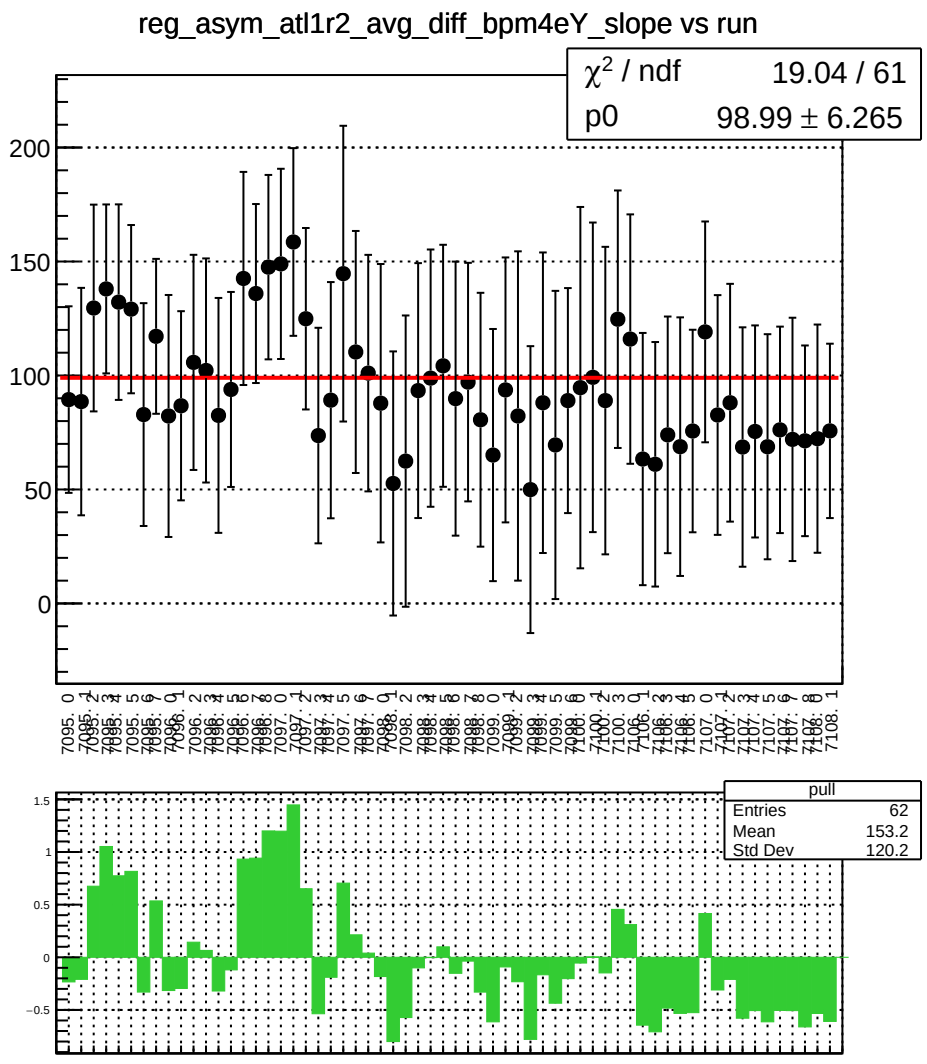

reg_asym_atl1r2_avg_diff_bpm1X_slope vs run
χ² / ndf 36.51 / 61
p0 −195.7 ± 7.062
pull
Entries 62
Mean 80.82
Std Dev 47.42

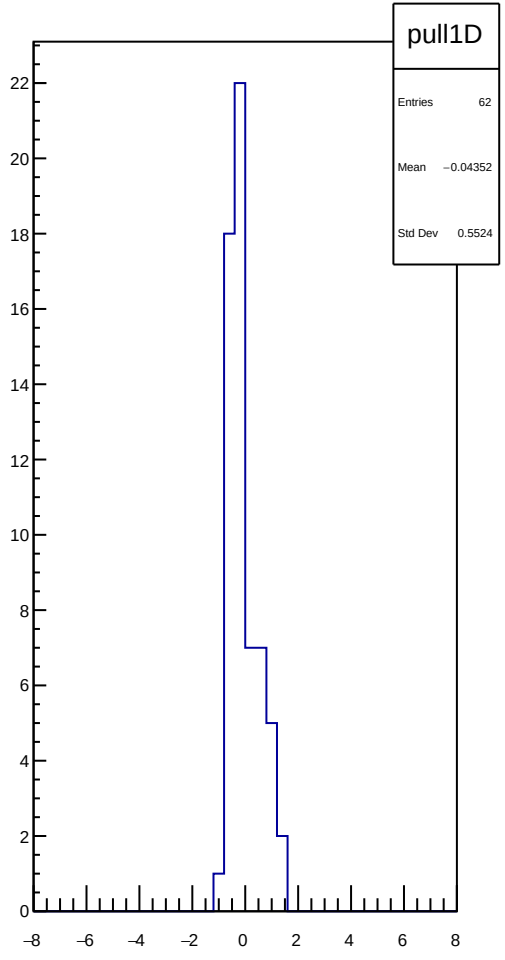

pull1D
Entries 62
Mean −0.1072
Std Dev 0.7599

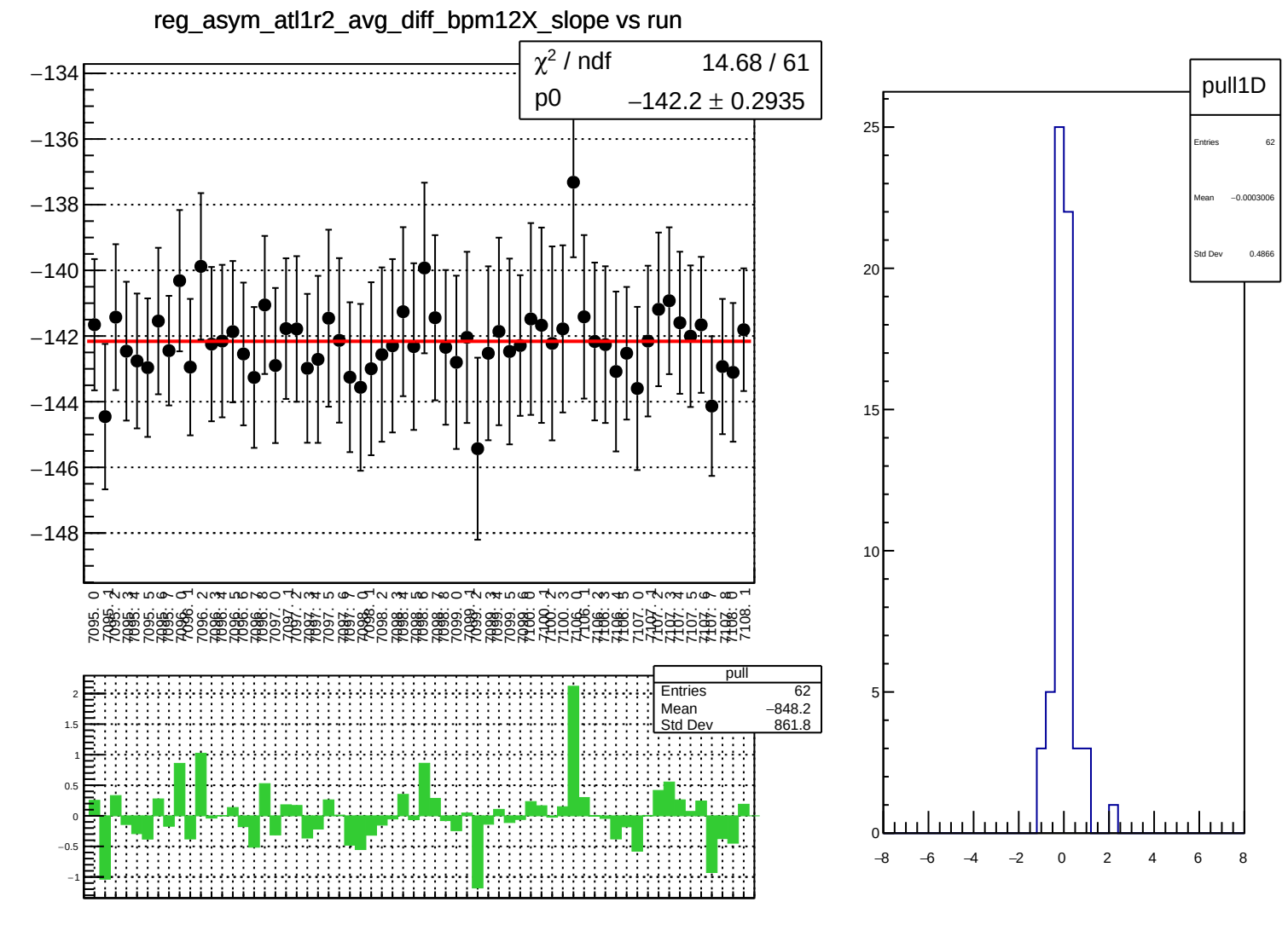

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs run
χ² / ndf 13.27 / 61
p0 −24.2 ± 5.88
50
0
−50
−100
−150
pull
Entries 62
Mean 158.5
Std Dev 126.4
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−1.2

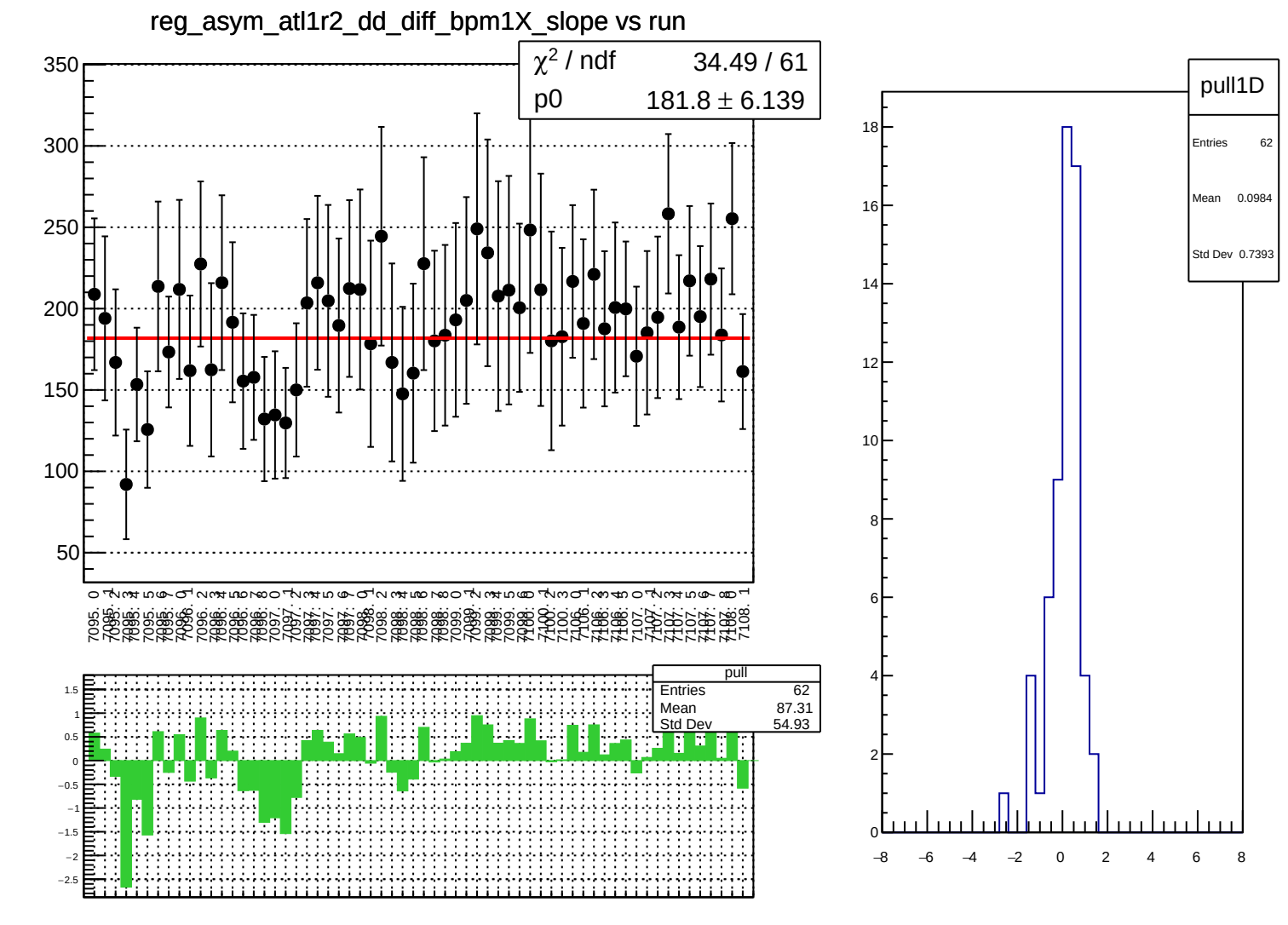

pull1D
Entries 62
Mean 0.02979
Std Dev 0.4618
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

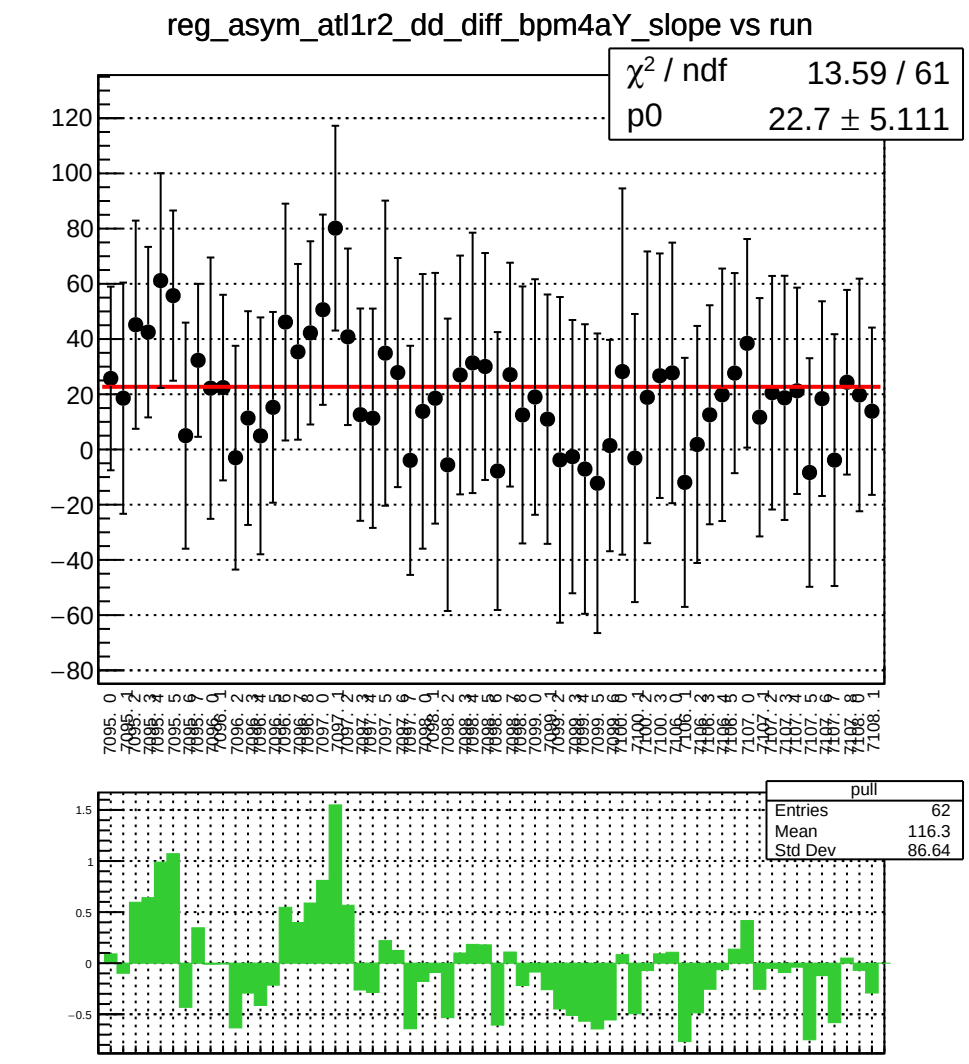

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs run
χ² / ndf 39.32 / 61
p0 260.9 ± 6.881
pull
Entries 62
Mean 89.97
Std Dev 56.23
pull1D
Entries 62
Mean 0.1087
Std Dev 0.7889

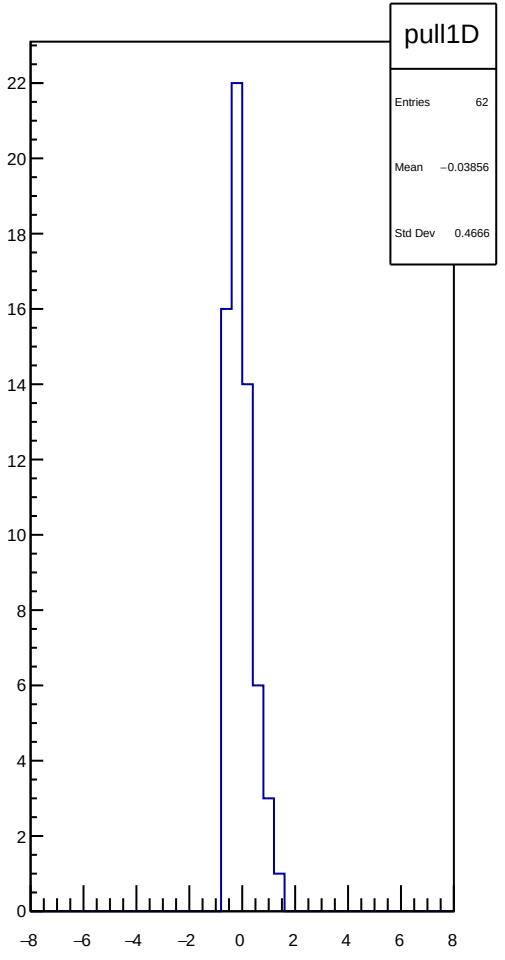

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs run
χ² / ndf 19.04 / 61
p0 98.99 ± 6.265
200
150
100
50
0
pull
Entries 62
Mean 153.2
Std Dev 120.2
1.5
1
0.5
0
−0.5

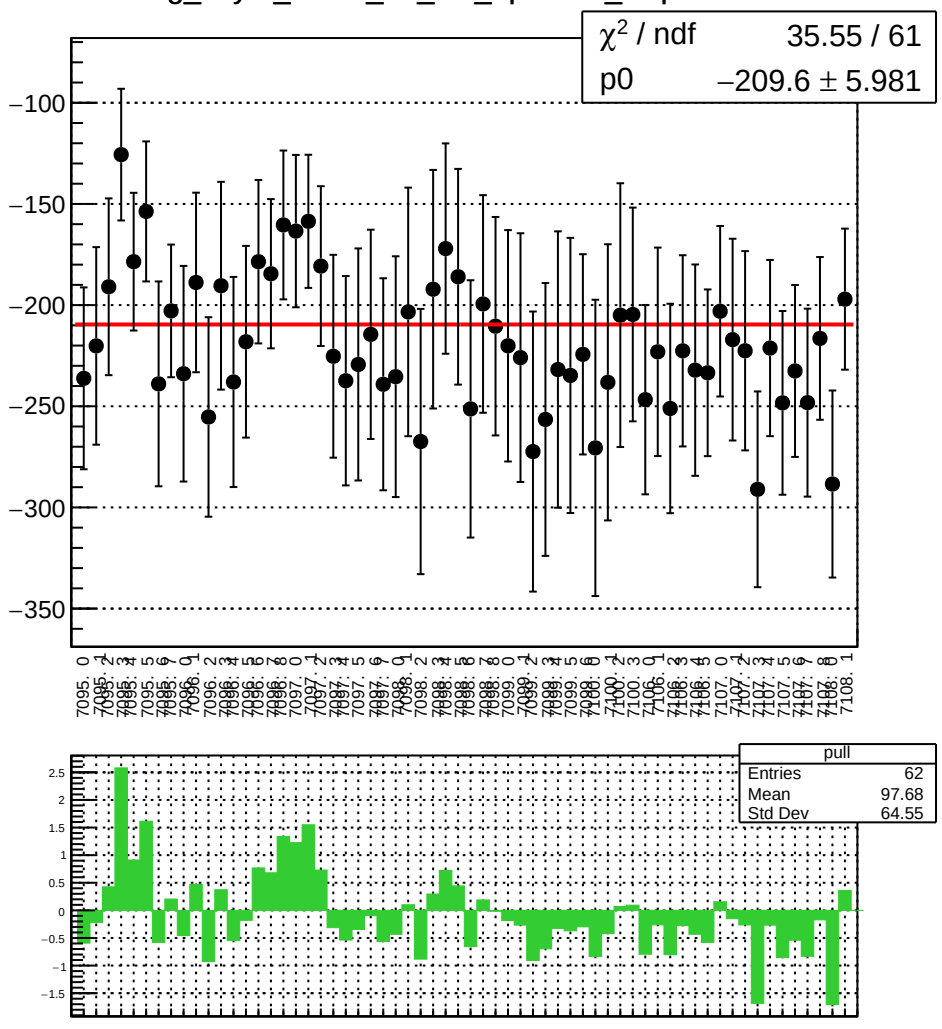

pull1D
Entries 62
Mean −0.04352
Std Dev 0.5524
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

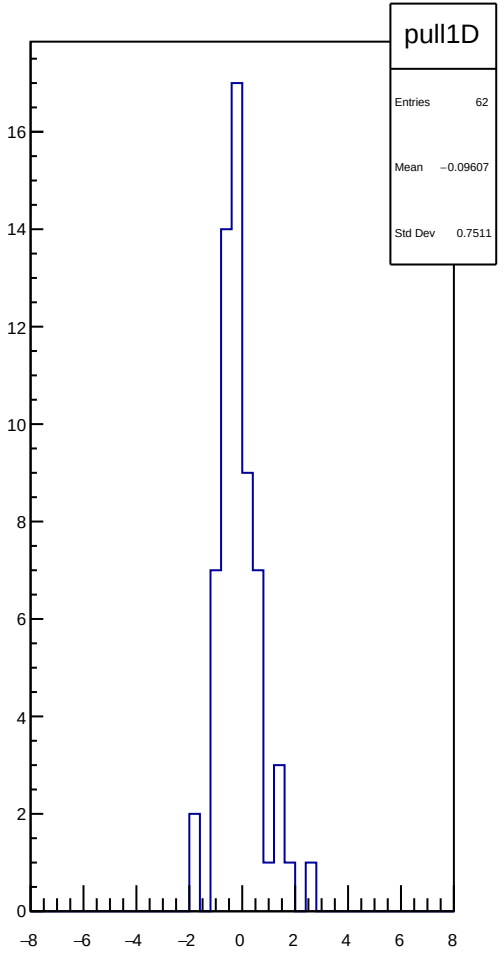

reg_asym_atl1r2_avg_diff_bpm12X_slope vs run
χ² / ndf 14.68 / 61
p0 −142.2 ± 0.2935
pull
Entries 62
Mean −848.2
Std Dev 861.8
pull1D
Entries 62
Mean −0.0003006
Std Dev 0.4866

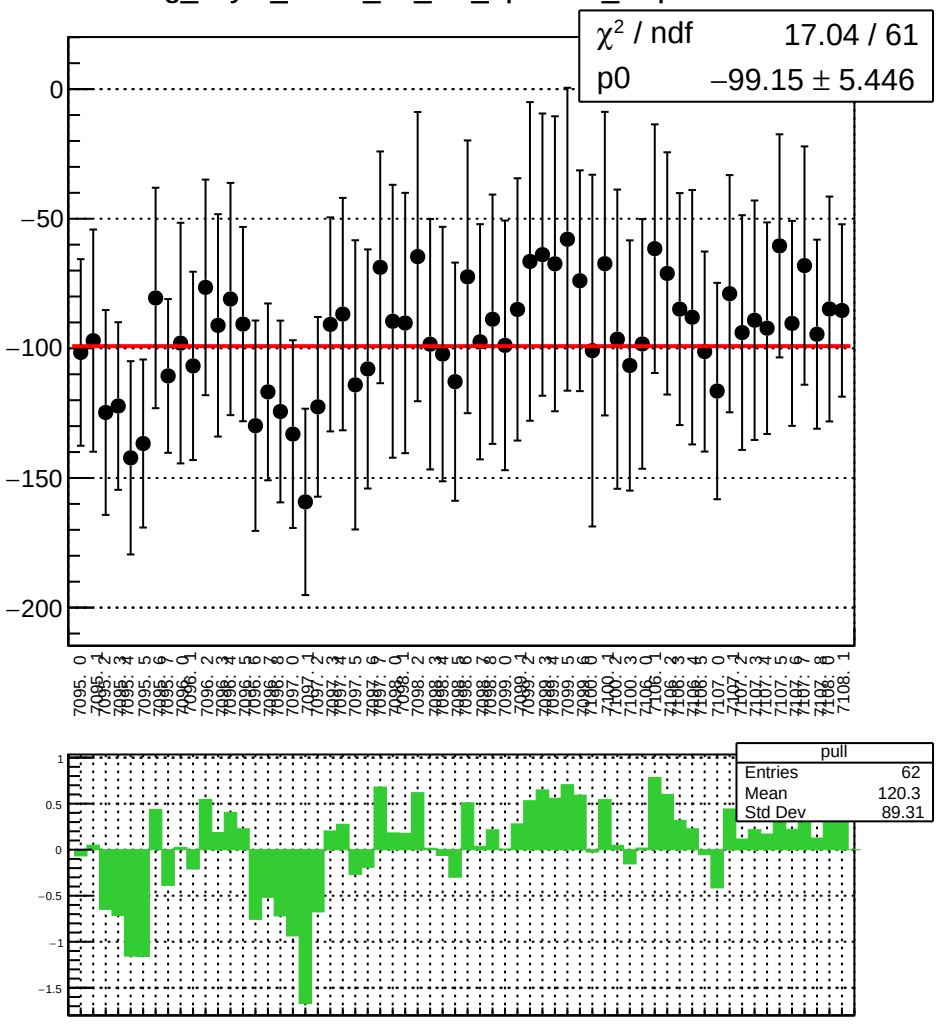

reg_asym_atl1r2_dd_diff_bpm1X_slope vs run
χ^2 / ndf 34.49 / 61
p0 181.8 ± 6.139
pull
Entries 62
Mean 87.31
Std Dev 54.93
pull1D
Entries 62
Mean 0.0984
Std Dev 0.7393

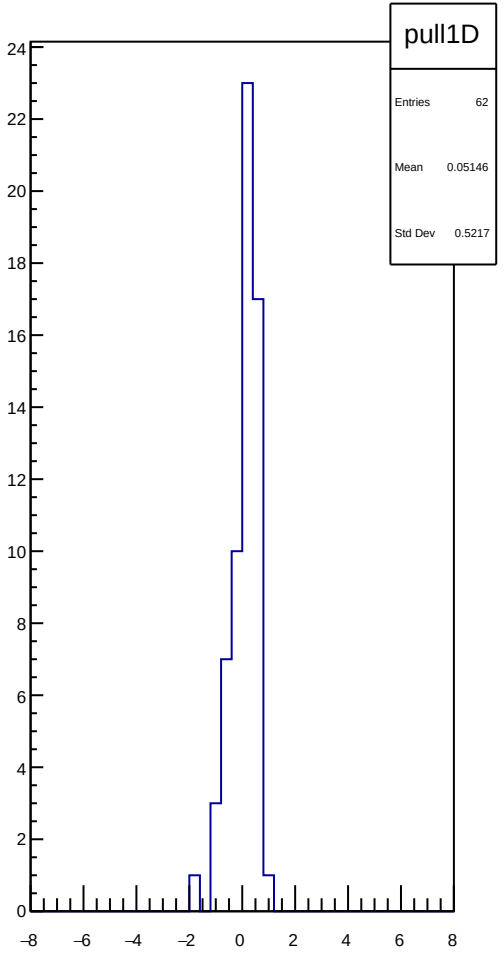

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs run
χ² / ndf 13.59 / 61
p0 22.7 ± 5.111
pull
Entries 62
Mean 116.3
Std Dev 86.64

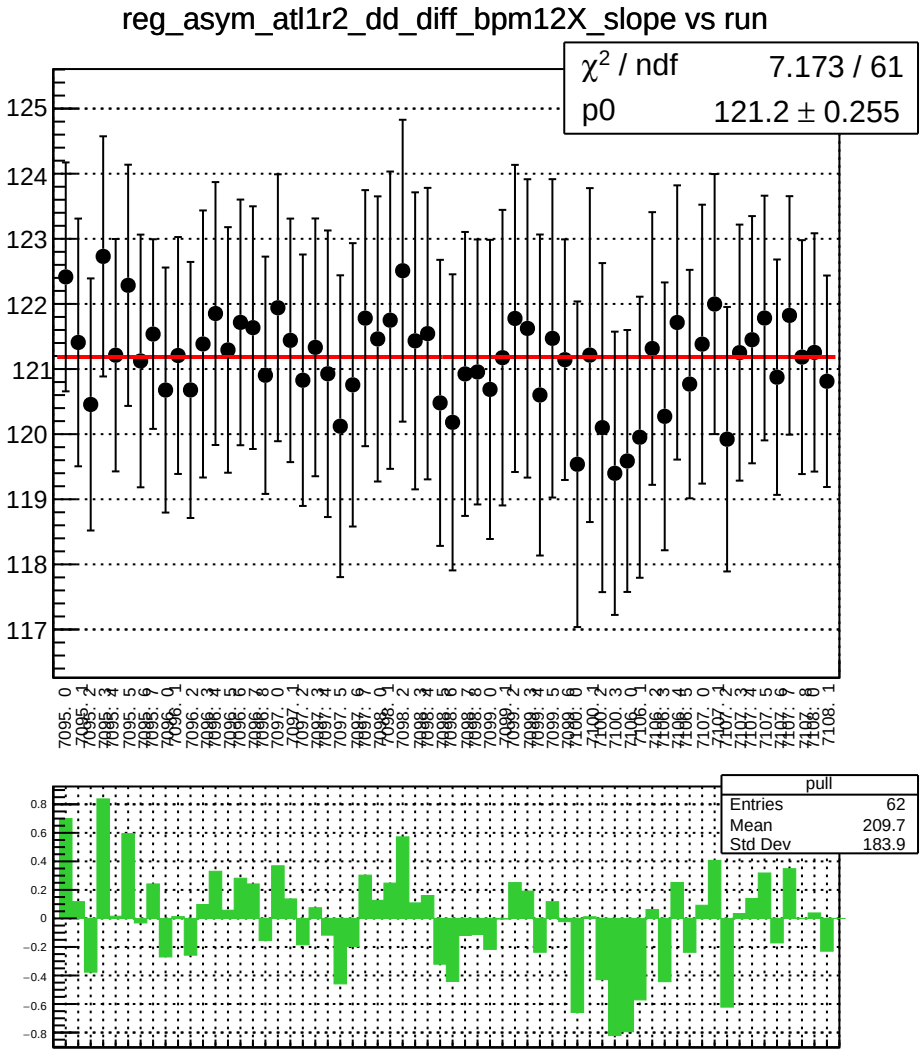

pull1D
Entries 62
Mean −0.03856
Std Dev 0.4666

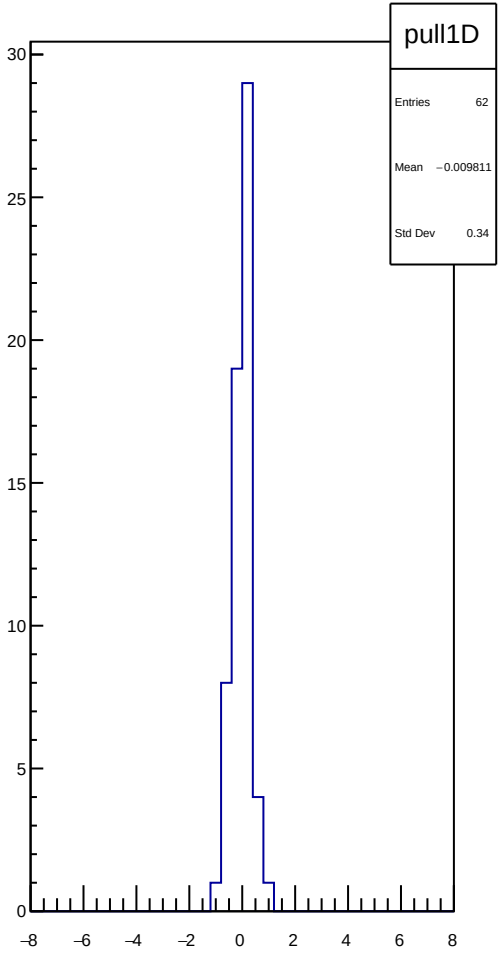

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs run
χ^2 / ndf 35.55 / 61
p0 −209.6 ± 5.981
pull
Entries 62
Mean 97.68
Std Dev 64.55

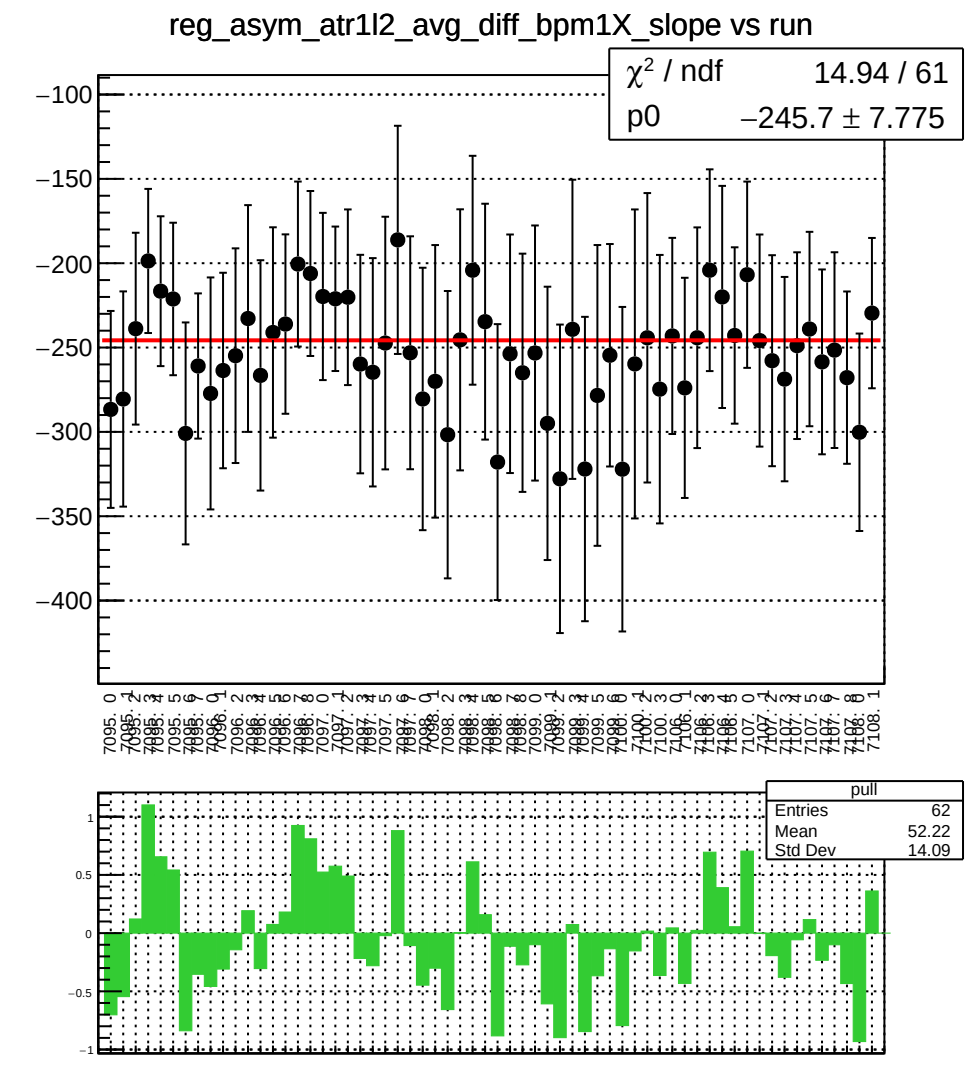

pull1D
Entries 62
Mean −0.09607
Std Dev 0.7511

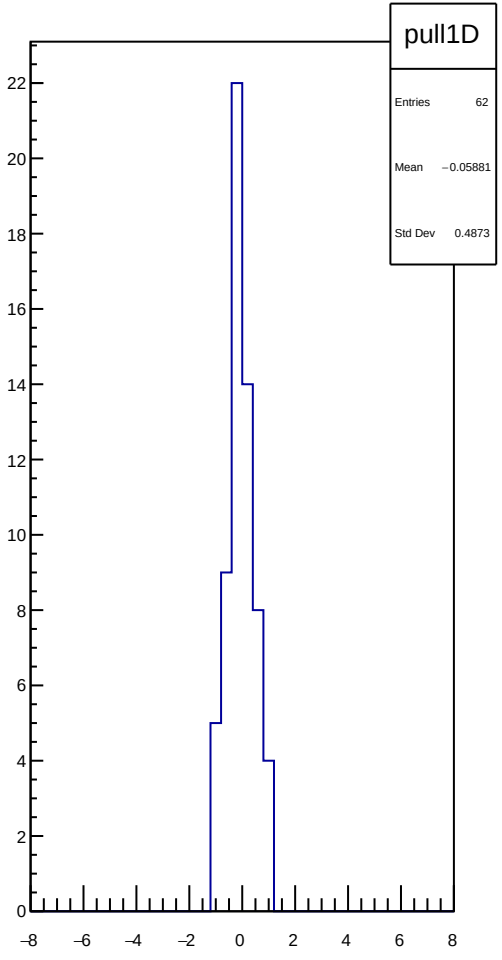

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs run
χ² / ndf 17.04 / 61
p0 −99.15 ± 5.446
pull
Entries 62
Mean 120.3
Std Dev 89.31

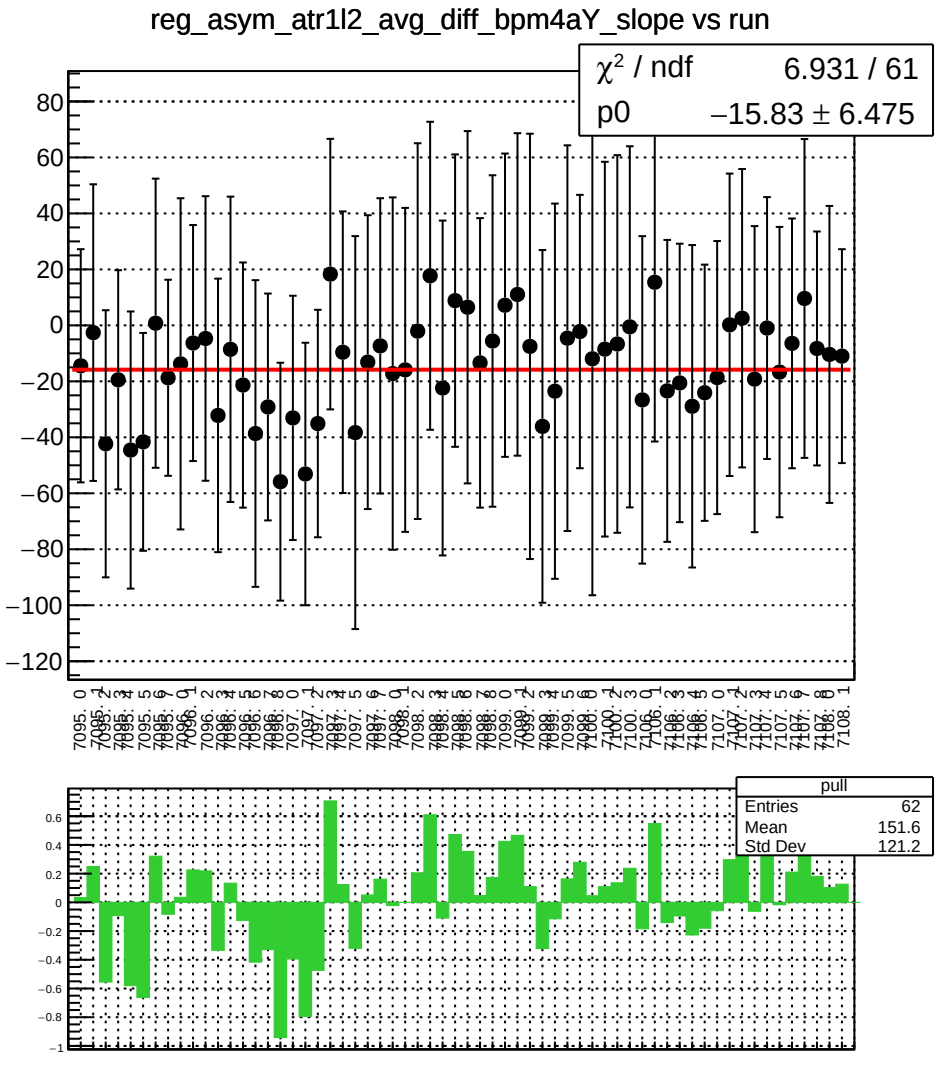

pull1D
Entries 62
Mean 0.05146
Std Dev 0.5217

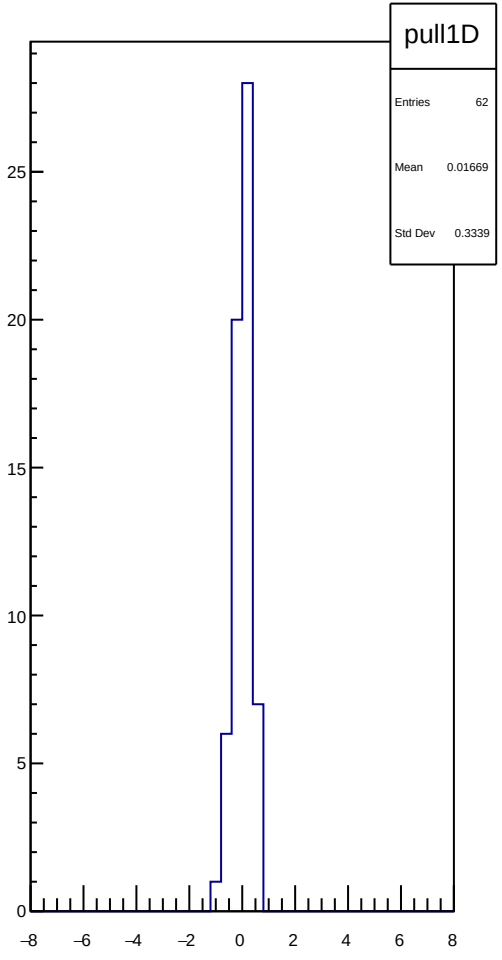

reg_asym_atl1r2_dd_diff_bpm12X_slope vs run
χ² / ndf 7.173 / 61
p0 121.2 ± 0.255
pull
Entries 62
Mean 209.7
Std Dev 183.9

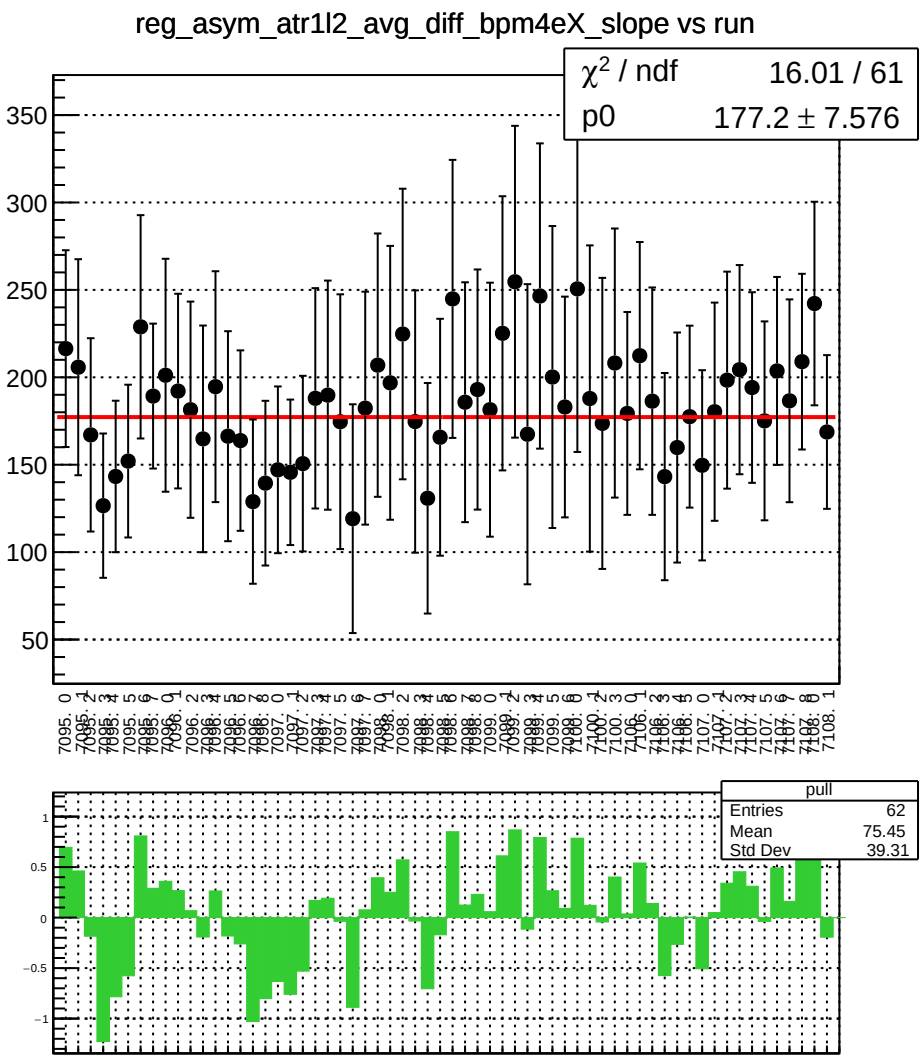

pull1D
Entries 62
Mean −0.009811
Std Dev 0.34

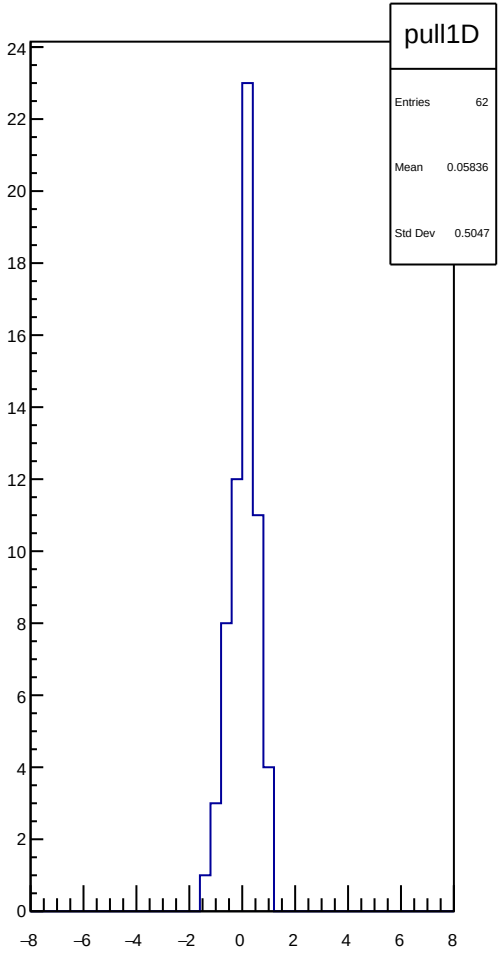

reg_asym_atr1l2_avg_diff_bpm1X_slope vs run
χ² / ndf 14.94 / 61
p0 −245.7 ± 7.775
pull
Entries 62
Mean 52.22
Std Dev 14.09

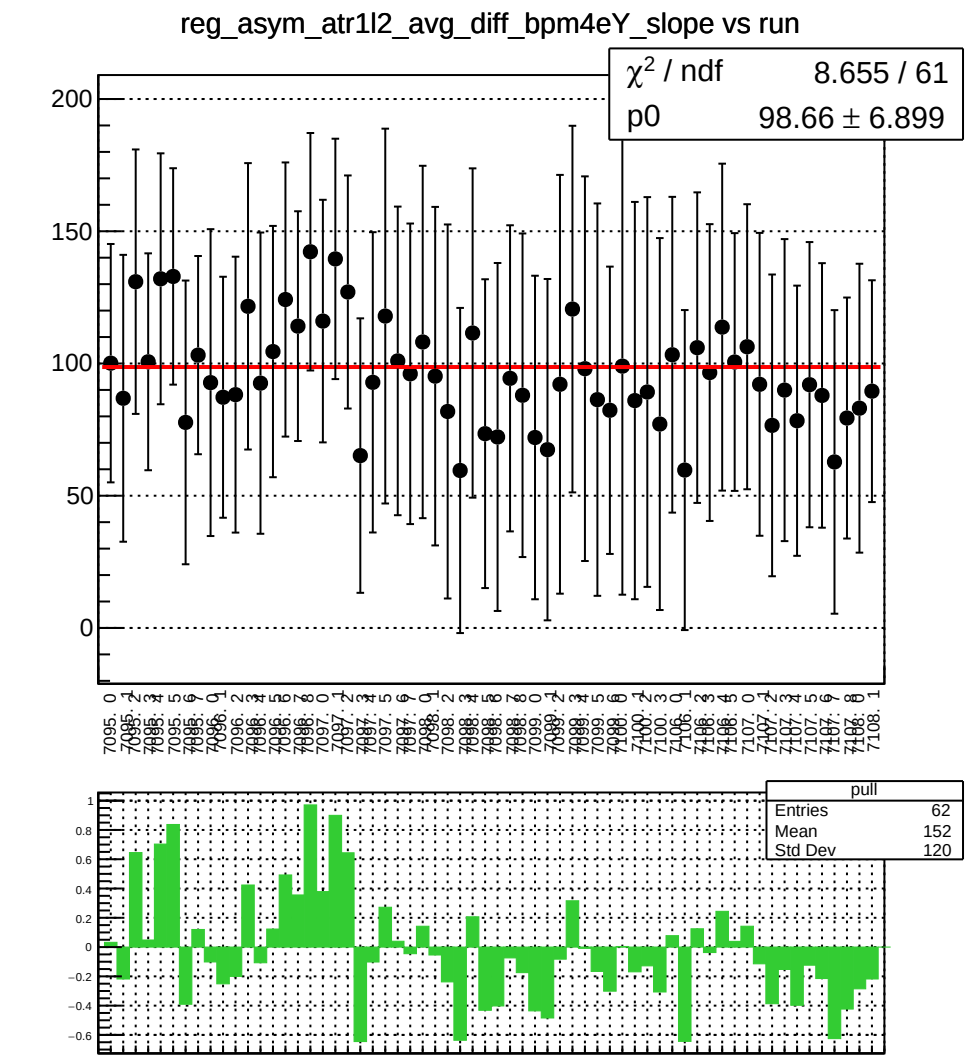

pull1D
Entries 62
Mean −0.05881
Std Dev 0.4873

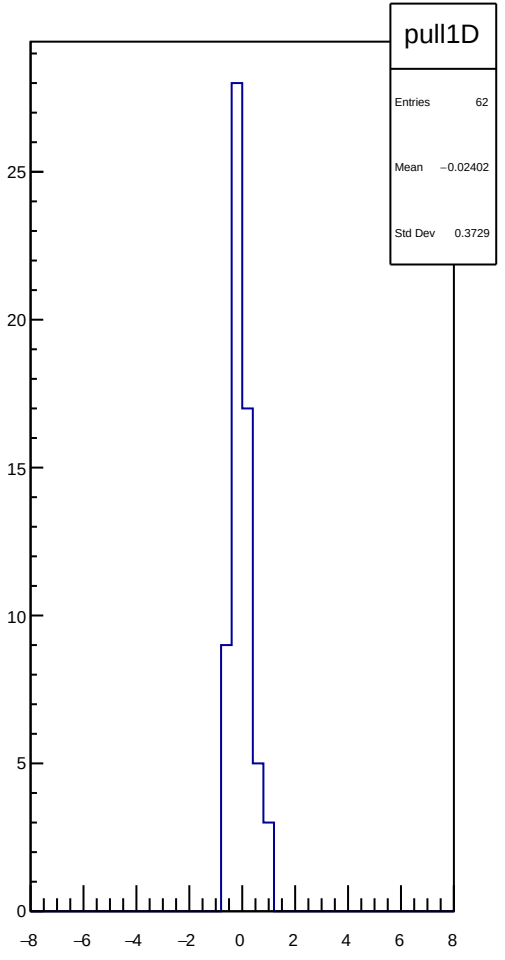

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs run
χ² / ndf 6.931 / 61
p0 −15.83 ± 6.475
pull
Entries 62
Mean 151.6
Std Dev 121.2

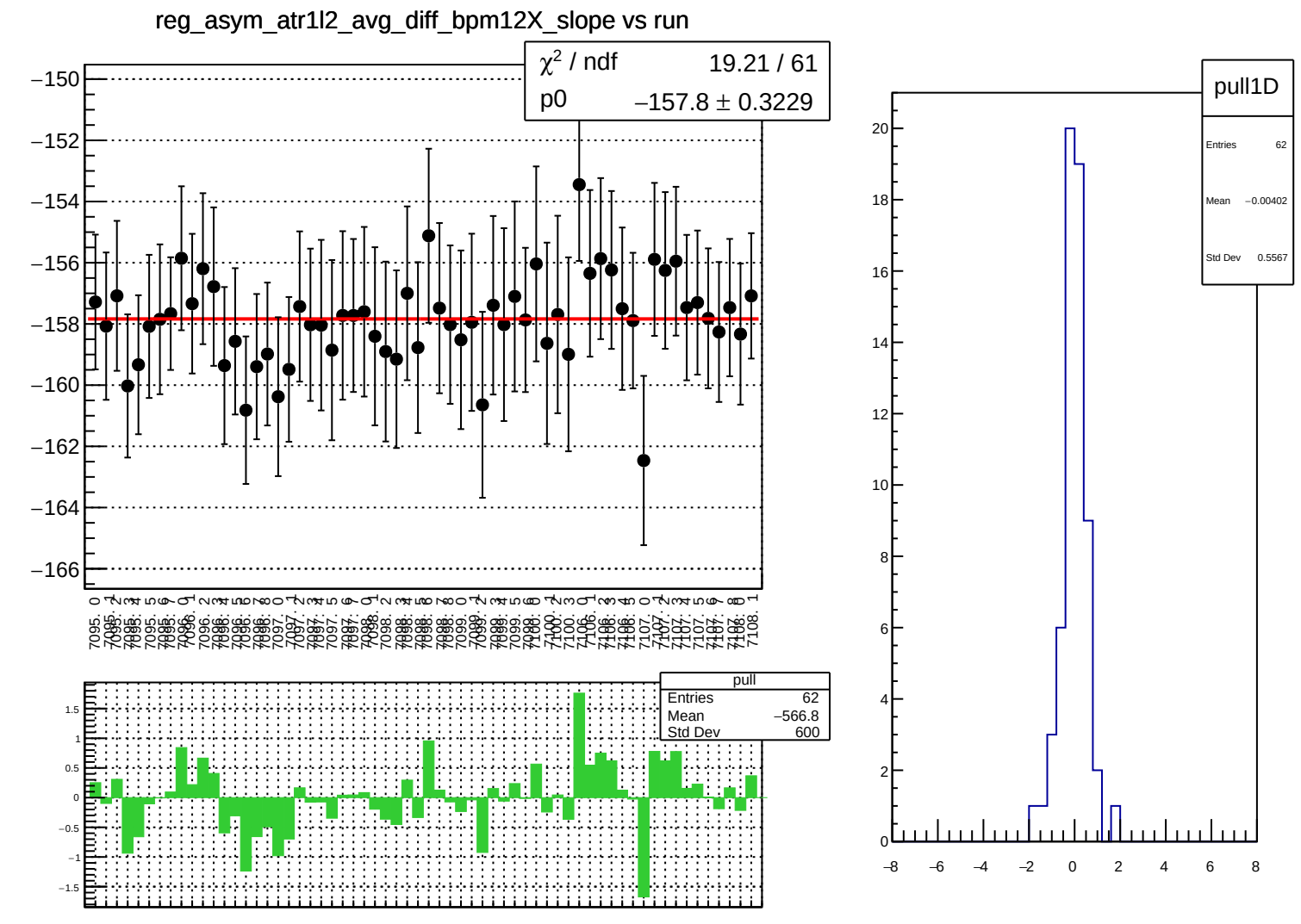

pull1D
Entries 62
Mean 0.01669
Std Dev 0.3339

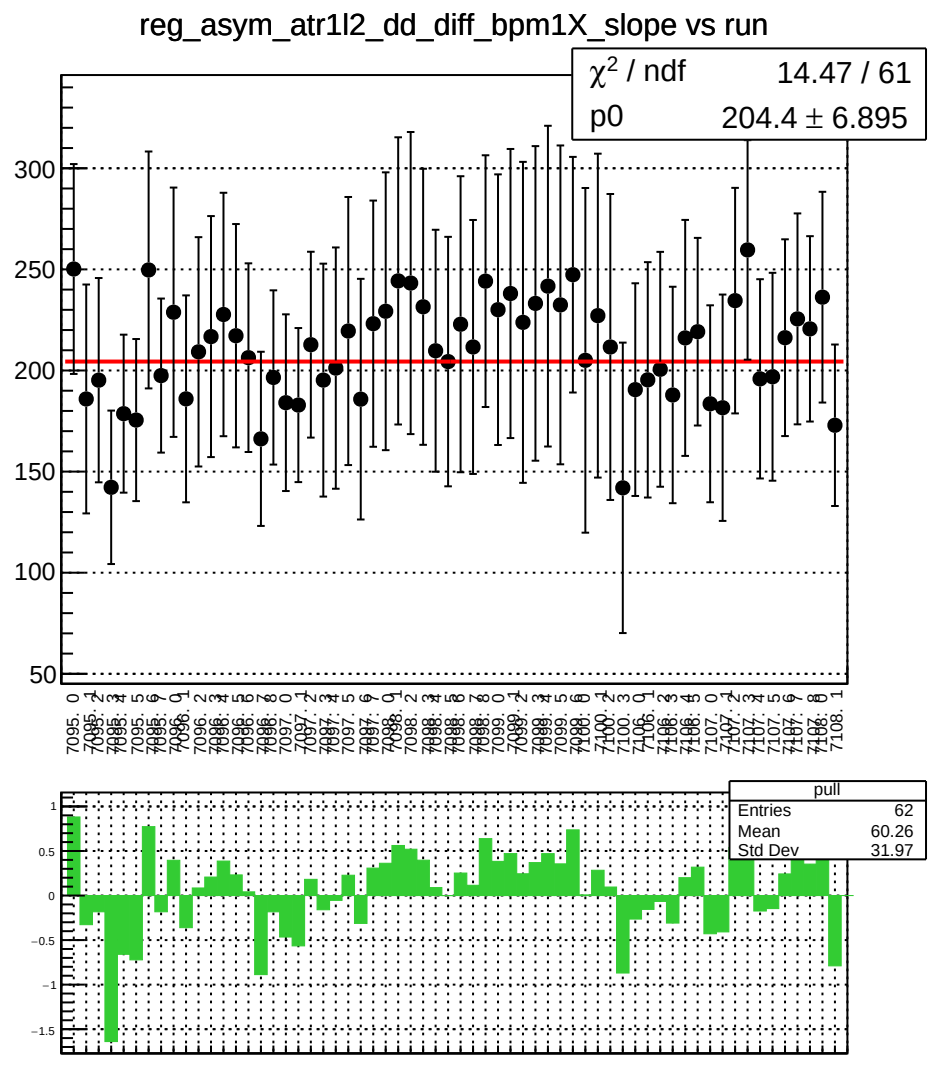

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs run
χ² / ndf 16.01 / 61
p0 177.2 ± 7.576
pull
Entries 62
Mean 75.45
Std Dev 39.31

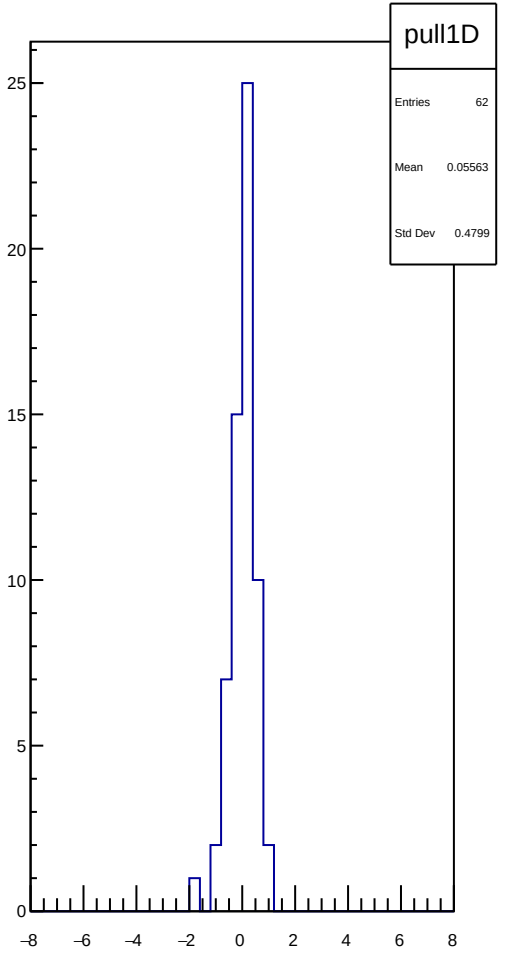

pull1D
Entries 62
Mean 0.05836
Std Dev 0.5047

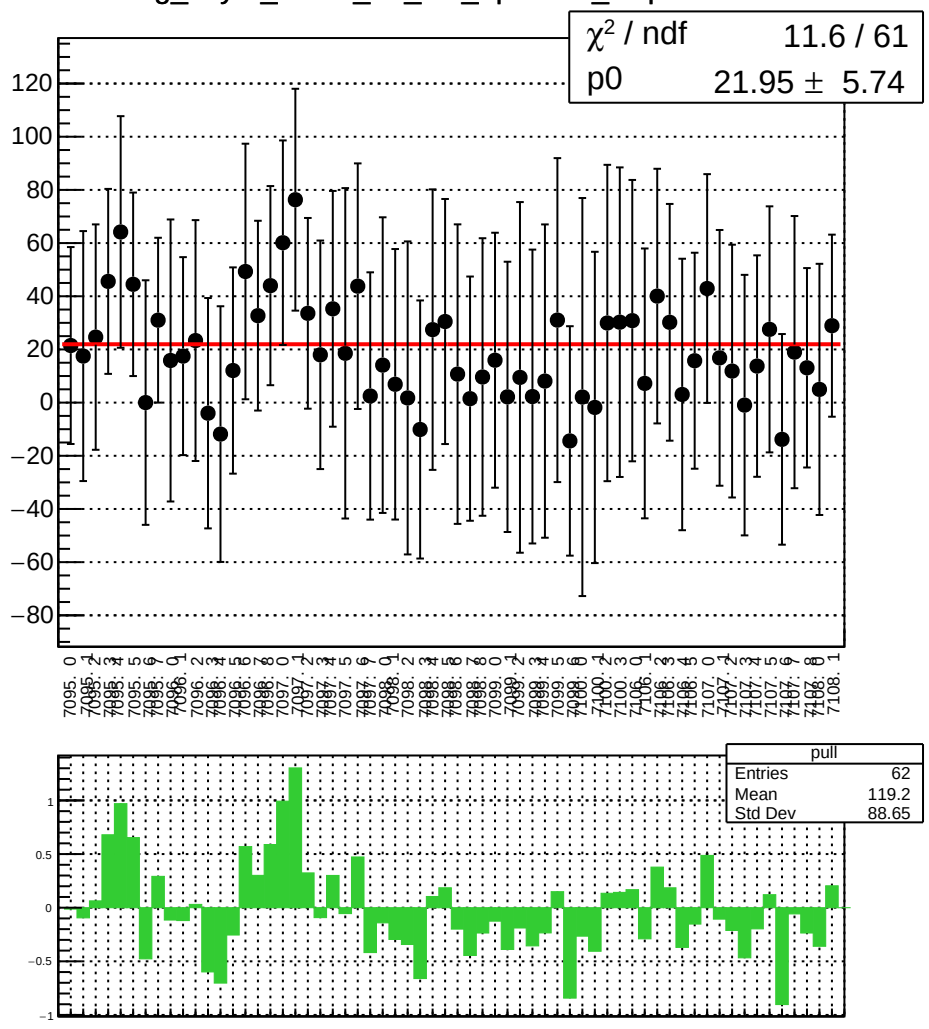

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs run
χ² / ndf 8.655 / 61
p0 98.66 ± 6.899
200
150
100
50
0
pull
Entries 62
Mean 152
Std Dev 120
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6

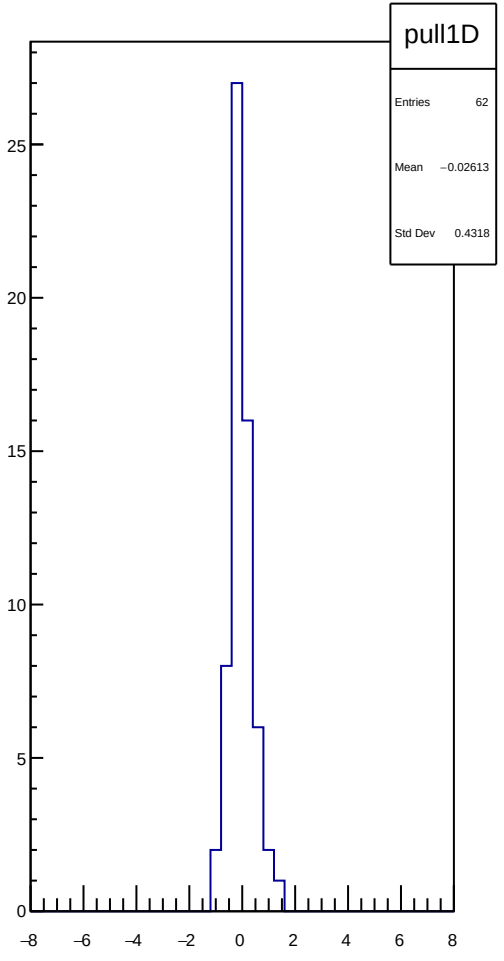

pull1D
Entries 62
Mean −0.02402
Std Dev 0.3729
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

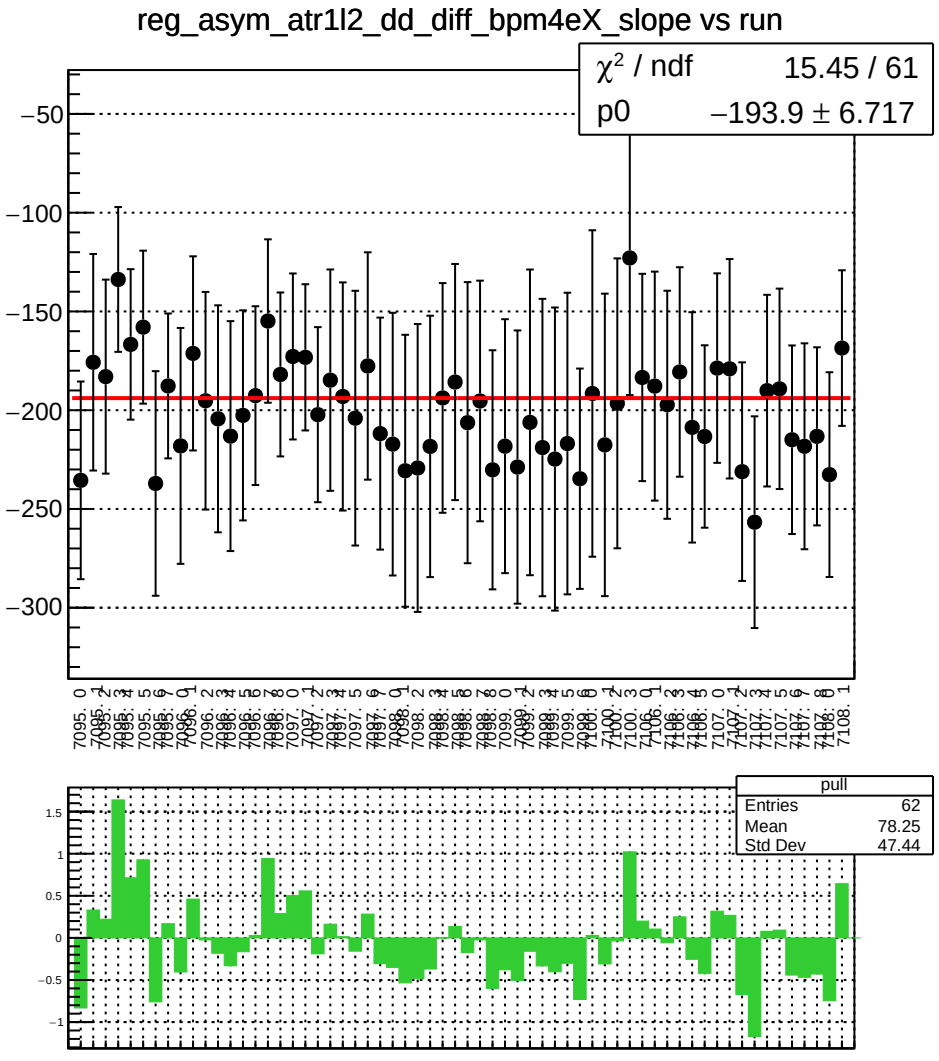

reg_asym_atr1l2_avg_diff_bpm12X_slope vs run
χ² / ndf 19.21 / 61
p0 −157.8 ± 0.3229
pull
Entries 62
Mean −566.8
Std Dev 600
pull1D
Entries 62
Mean −0.00402
Std Dev 0.5567

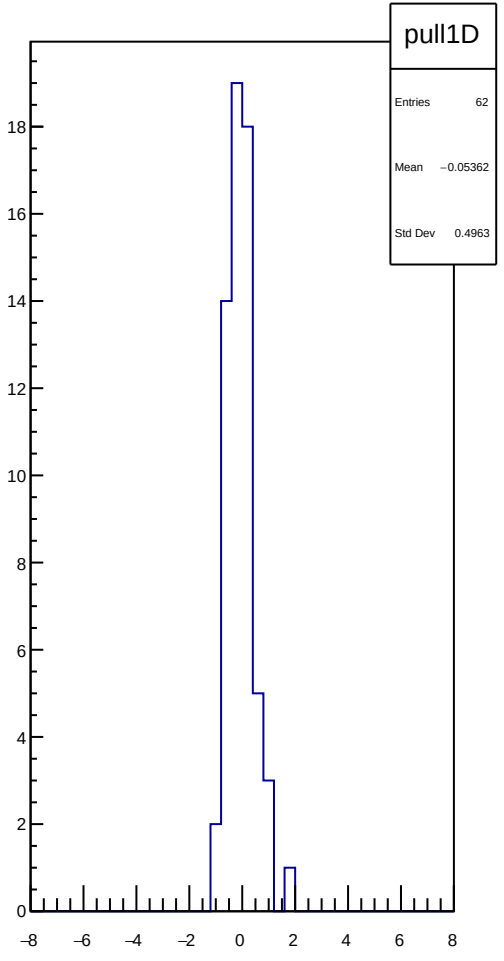

reg_asym_atr1l2_dd_diff_bpm1X_slope vs run
χ² / ndf 14.47 / 61
p0 204.4 ± 6.895
pull
Entries 62
Mean 60.26
Std Dev 31.97

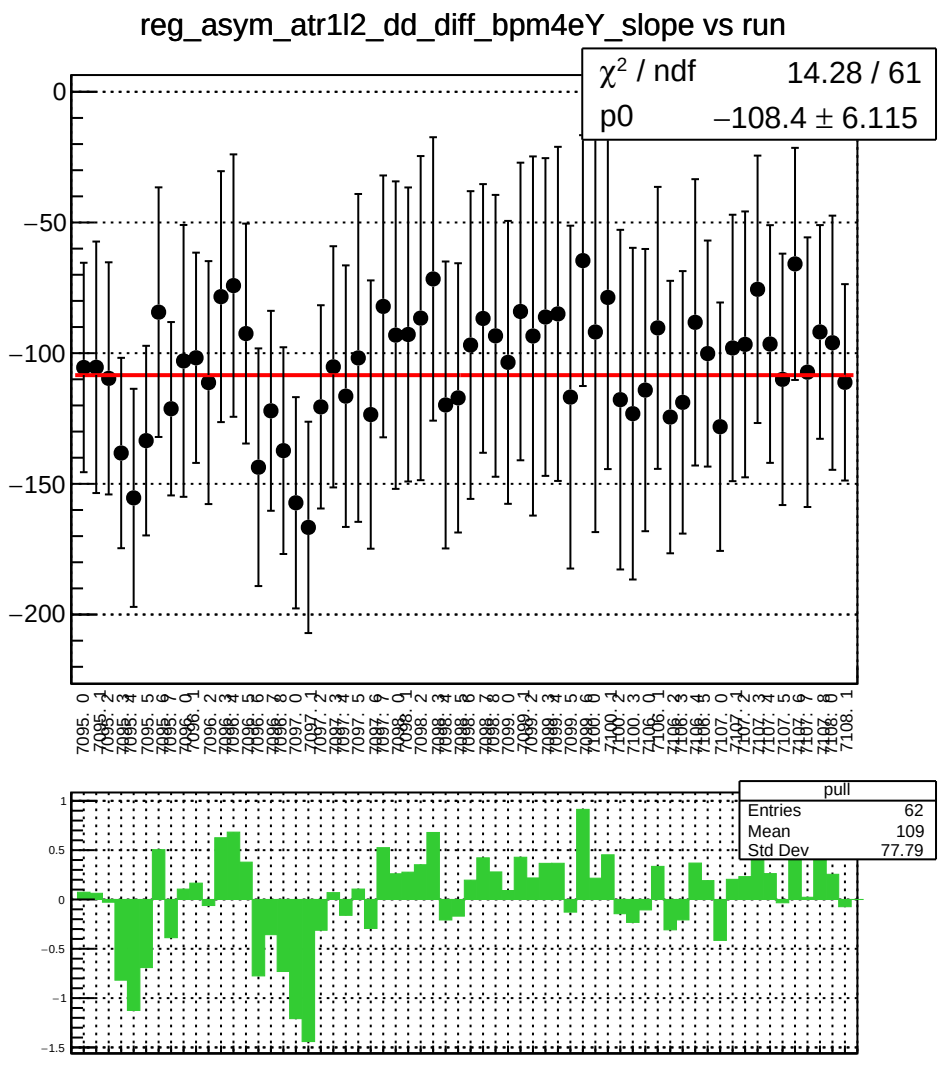

pull1D
Entries 62
Mean 0.05563
Std Dev 0.4799

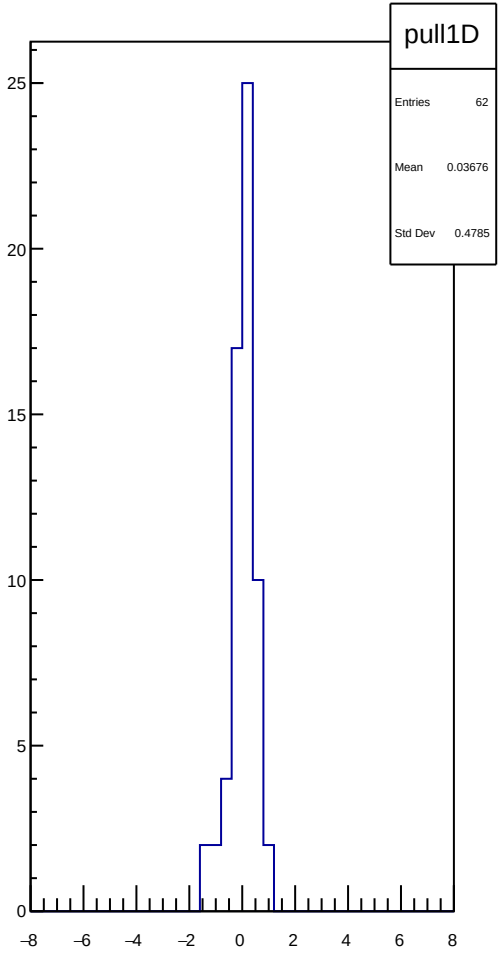

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs run
χ² / ndf 11.6 / 61
p0 21.95 ± 5.74
pull
Entries 62
Mean 119.2
Std Dev 88.65

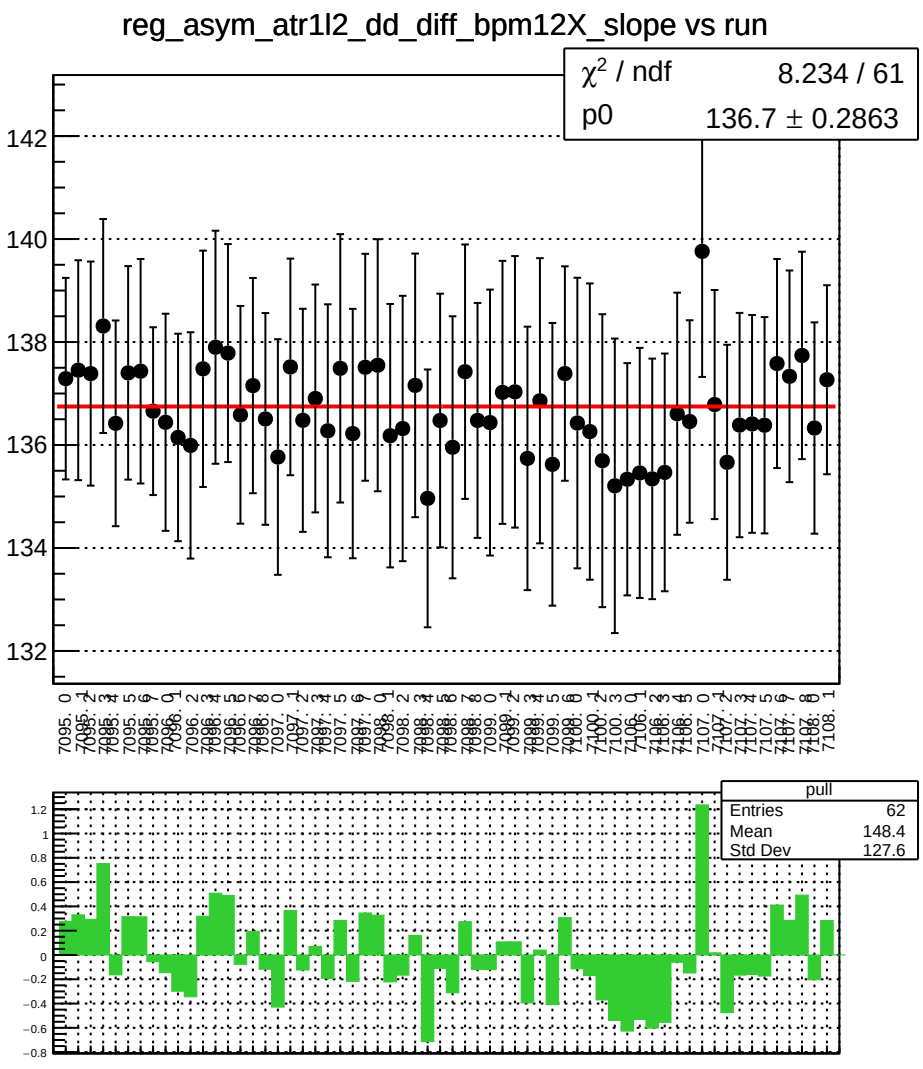

pull1D
Entries 62
Mean −0.02613
Std Dev 0.4318

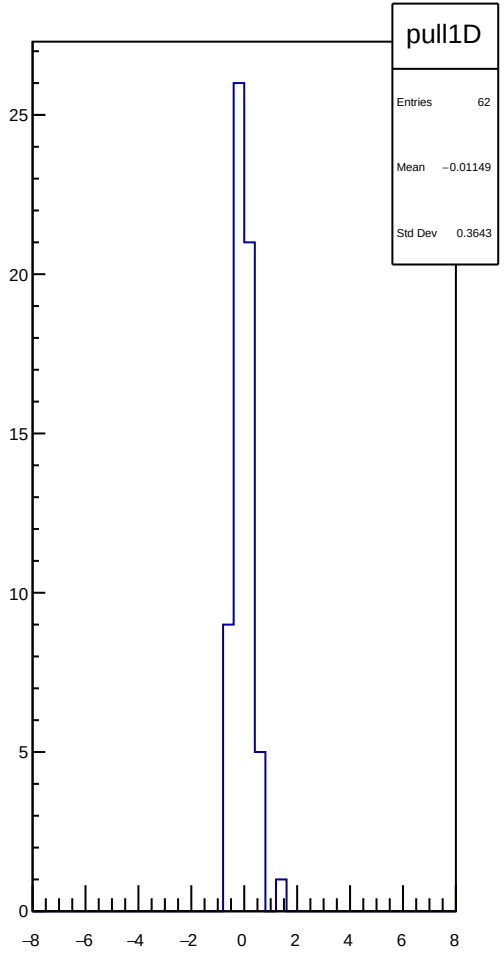

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs run
χ² / ndf 15.45 / 61
p0 −193.9 ± 6.717
pull
Entries 62
Mean 78.25
Std Dev 47.44

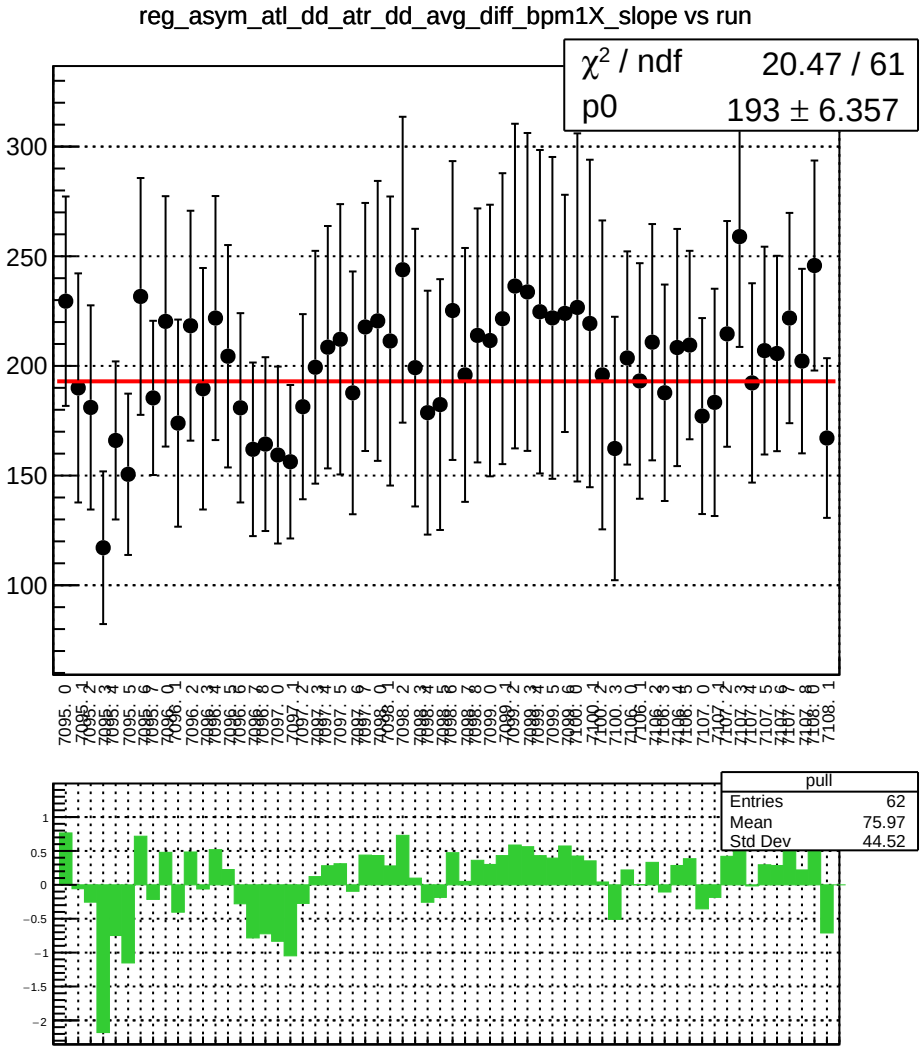

pull1D
Entries 62
Mean −0.05362
Std Dev 0.4963

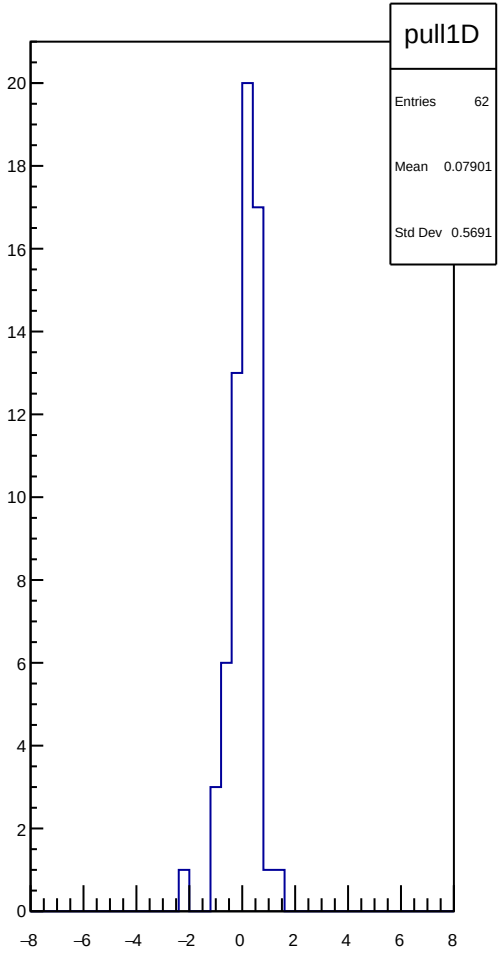

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs run
χ² / ndf 14.28 / 61
p0 −108.4 ± 6.115
pull
Entries 62
Mean 109
Std Dev 77.79

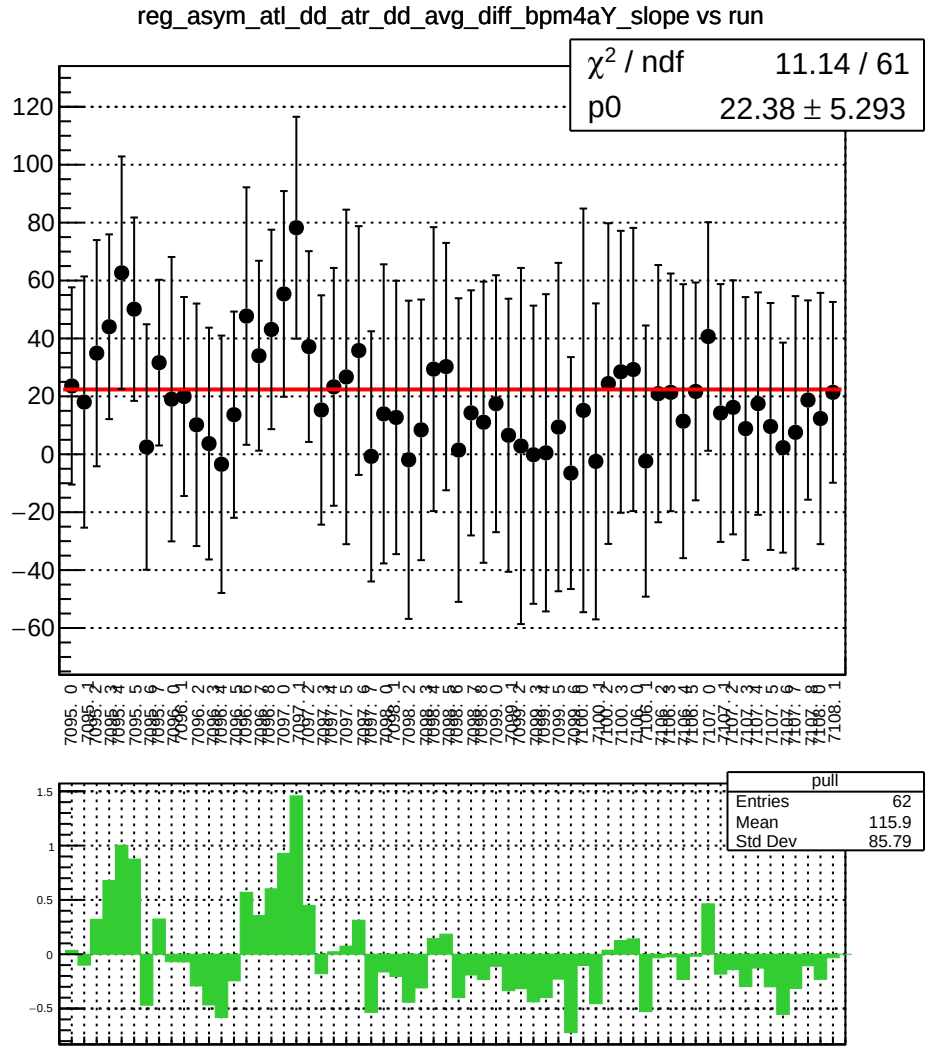

pull1D
Entries 62
Mean 0.03676
Std Dev 0.4785

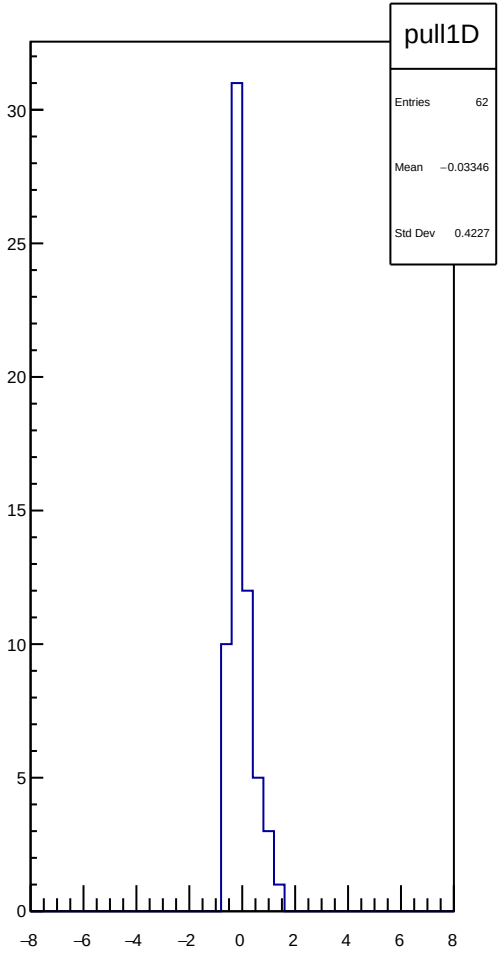

reg_asym_atr1l2_dd_diff_bpm12X_slope vs run
χ² / ndf 8.234 / 61
p0 136.7 ± 0.2863
142
140
138
136
134
132
pull
Entries 62
Mean 148.4
Std Dev 127.6
1.2
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8

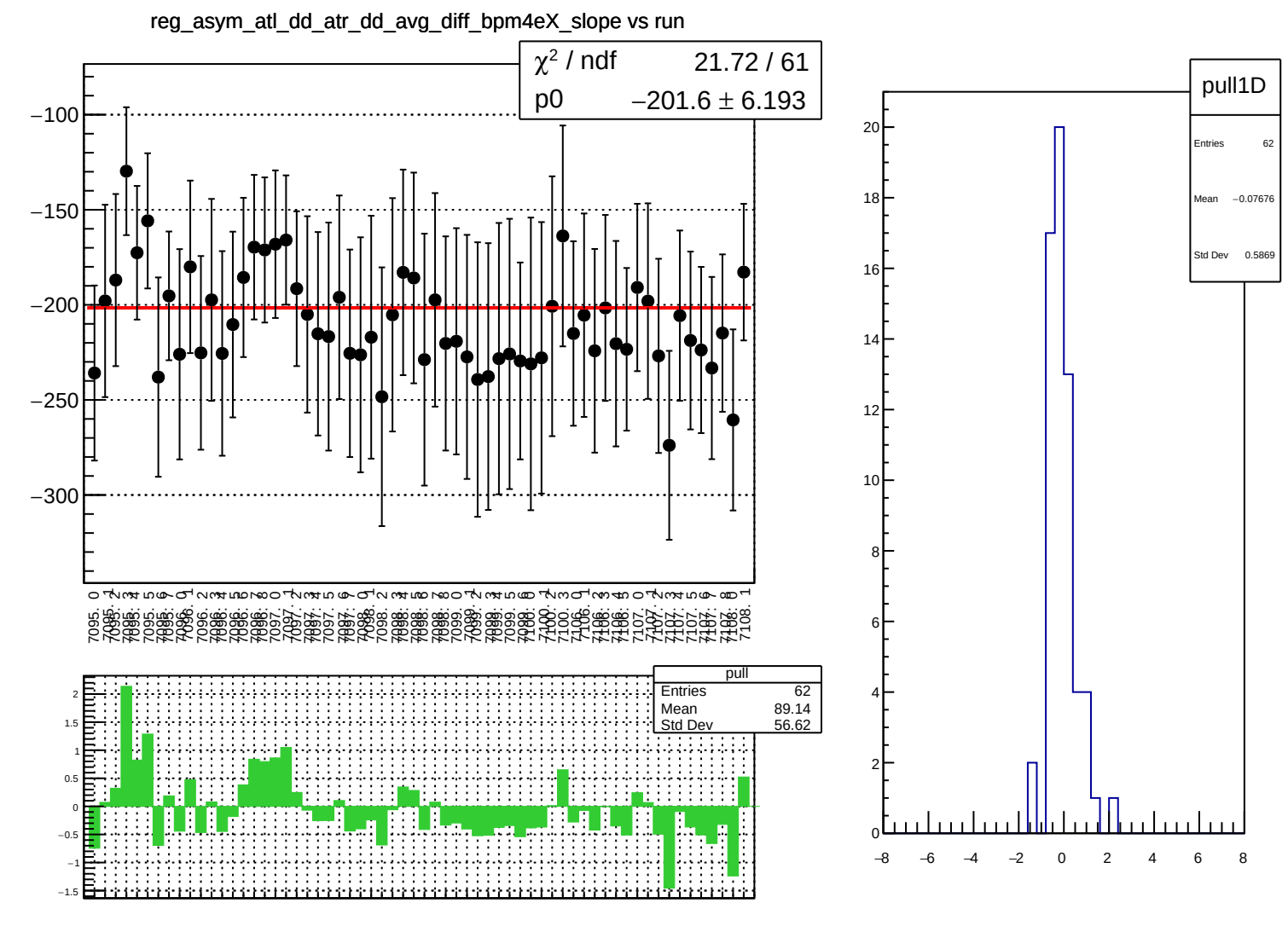

pull1D
Entries 62
Mean −0.01149
Std Dev 0.3643
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

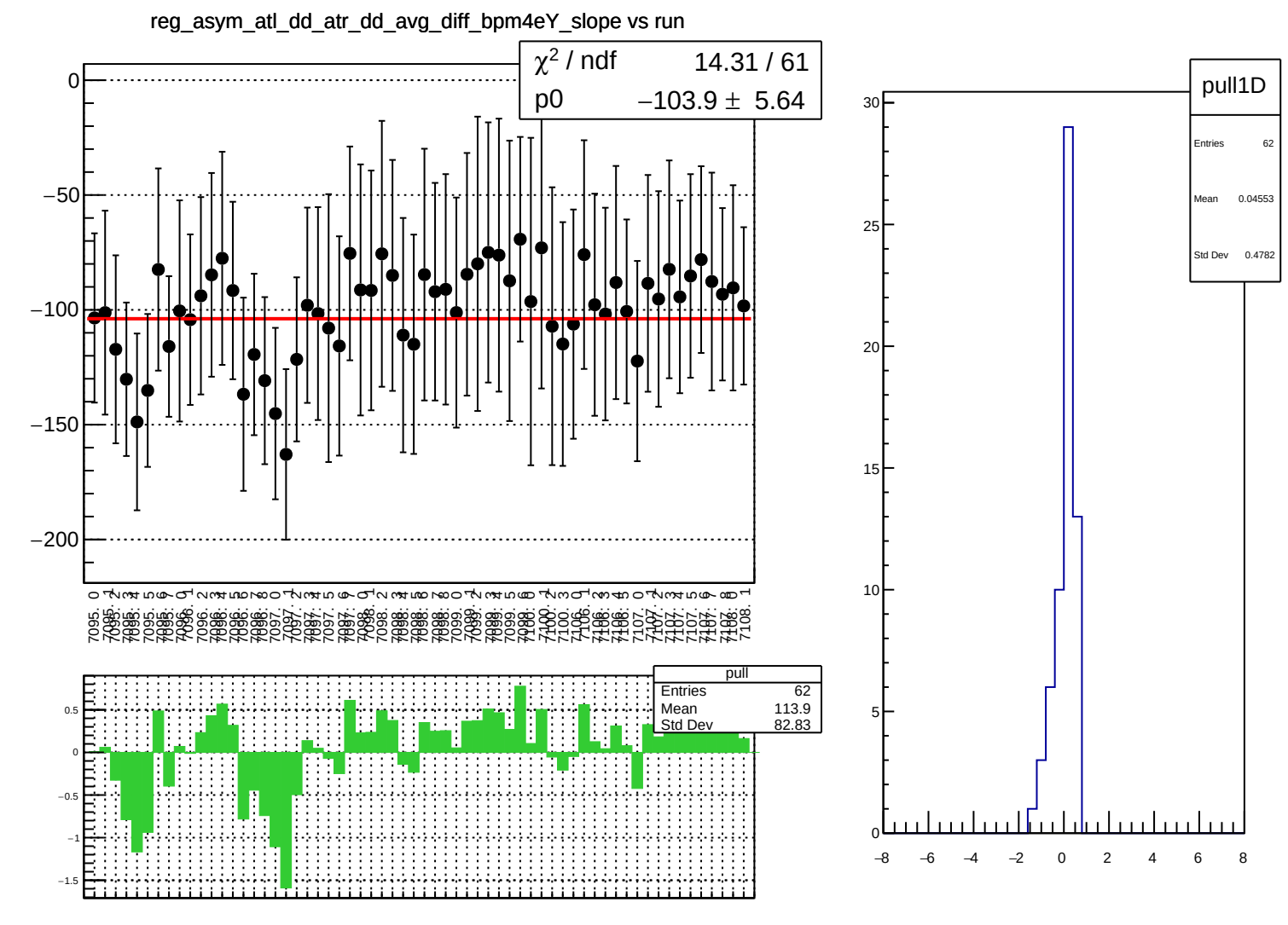

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs run
χ² / ndf 20.47 / 61
p0 193 ± 6.357
pull
Entries 62
Mean 75.97
Std Dev 44.52

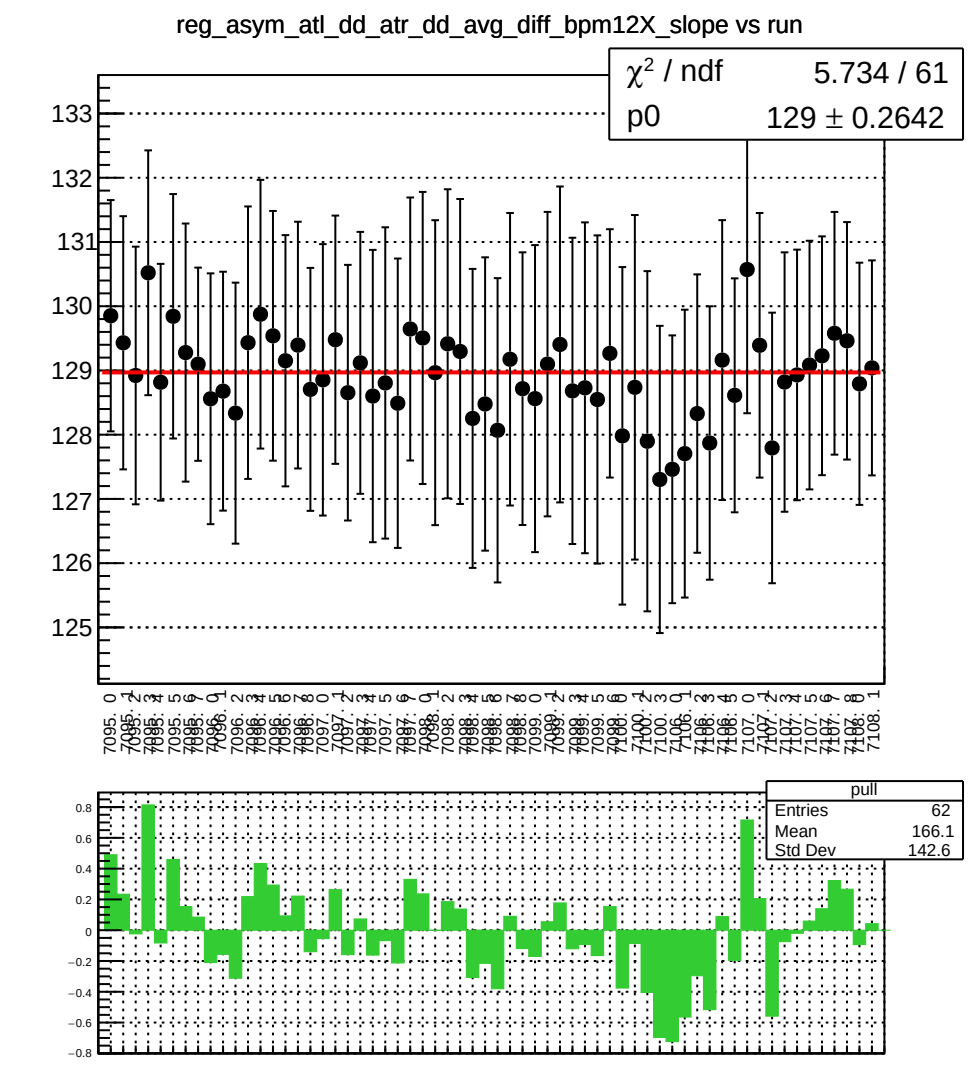

pull1D
Entries 62
Mean 0.07901
Std Dev 0.5691

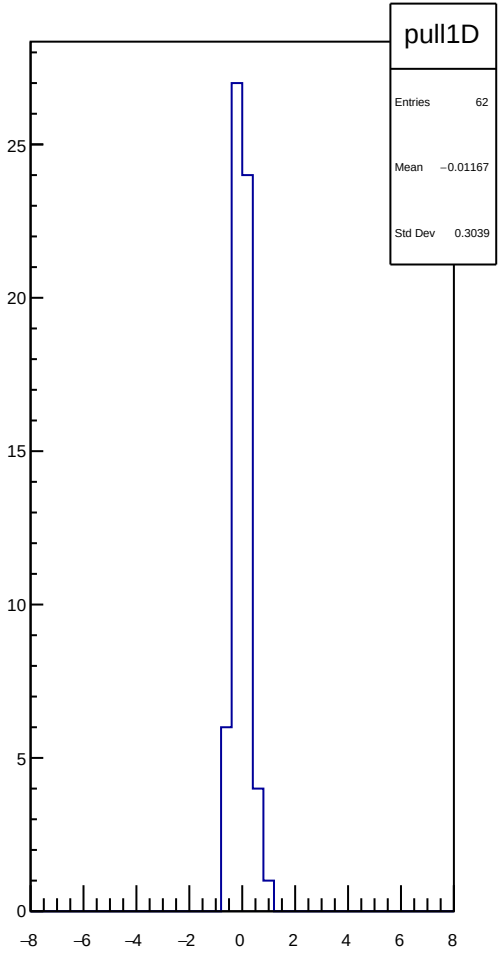

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs run
χ^2 / ndf 11.14 / 61
p0 22.38 ± 5.293
pull
Entries 62
Mean 115.9
Std Dev 85.79

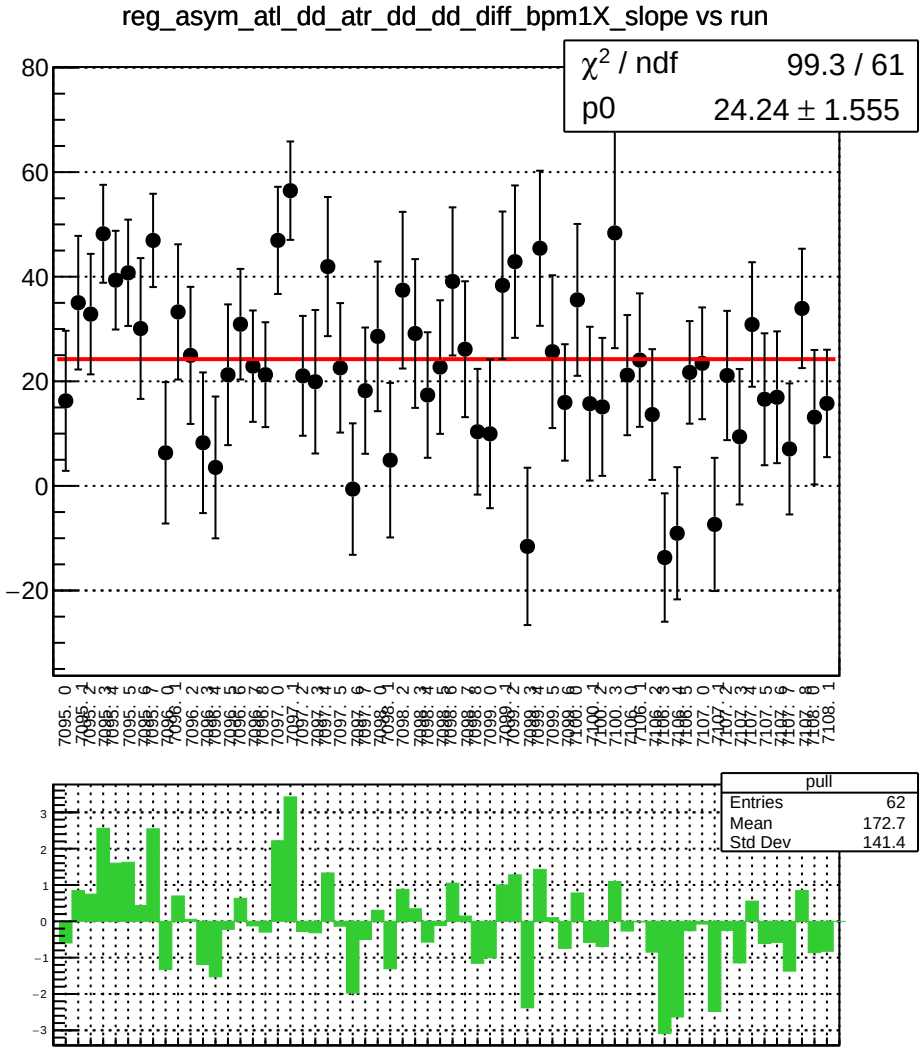

pull1D
Entries 62
Mean −0.03346
Std Dev 0.4227

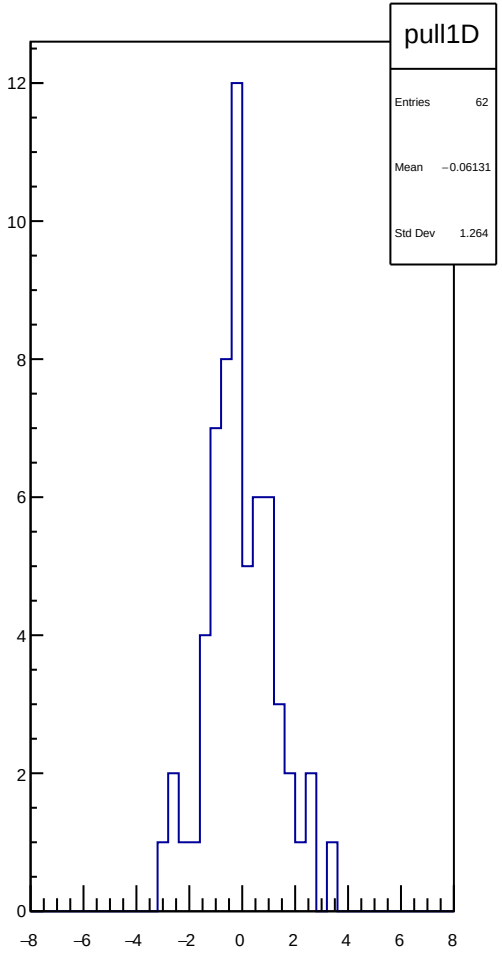

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs run
χ² / ndf 21.72 / 61
p0 −201.6 ± 6.193
pull
Entries 62
Mean 89.14
Std Dev 56.62
pull1D
Entries 62
Mean −0.07676
Std Dev 0.5869

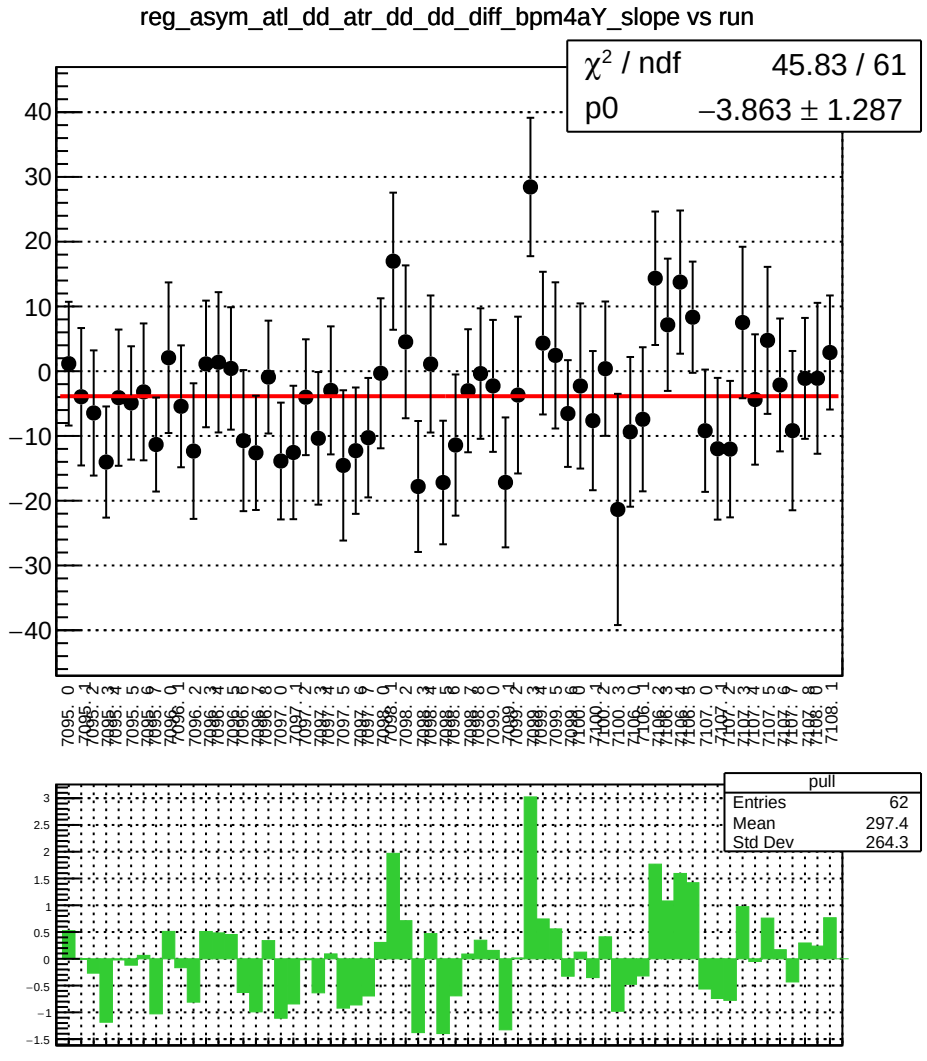

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs run
χ² / ndf 14.31 / 61
p0 −103.9 ± 5.64
0
−50
−100
−150
−200
pull
Entries 62
Mean 113.9
Std Dev 82.83
0.5
0
−0.5
−1
−1.5
pull1D
Entries 62
Mean 0.04553
Std Dev 0.4782
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

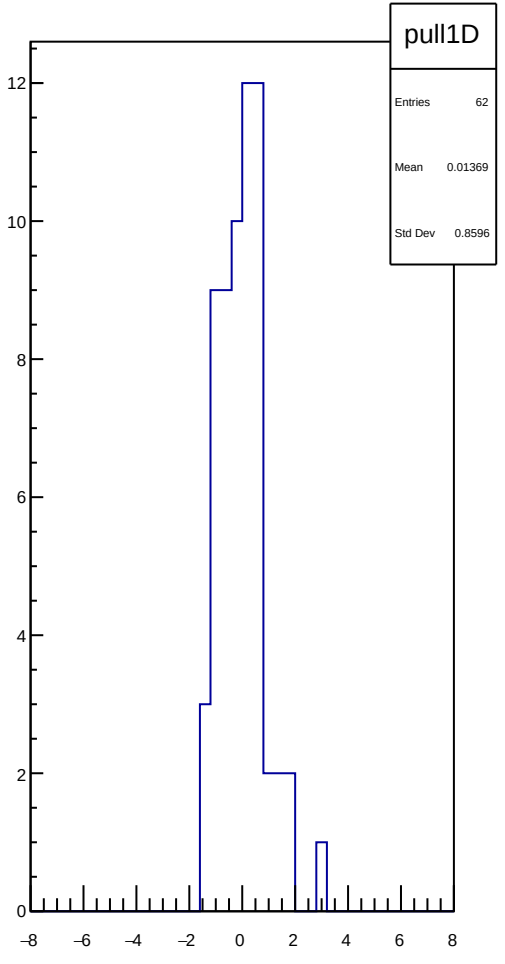

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs run
χ² / ndf 5.734 / 61
p0 129 ± 0.2642
pull
Entries 62
Mean 166.1
Std Dev 142.6

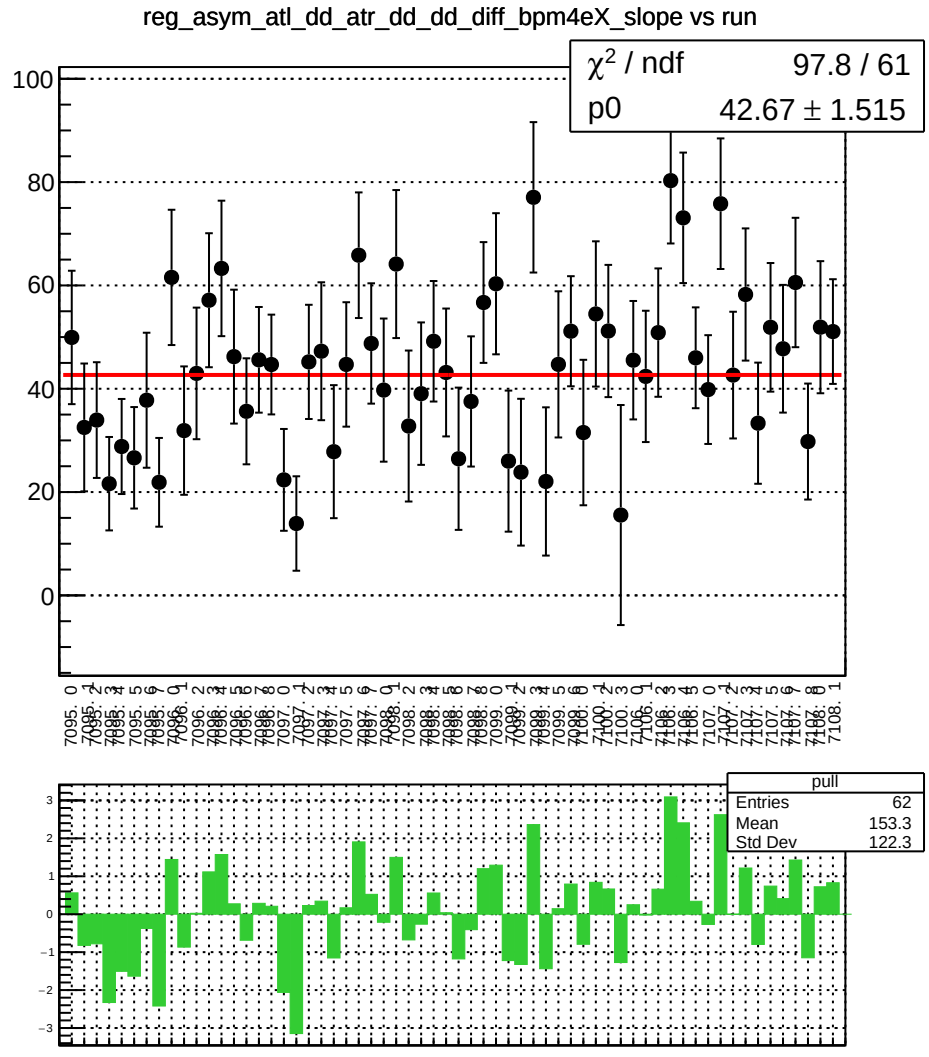

pull1D
Entries 62
Mean −0.01167
Std Dev 0.3039

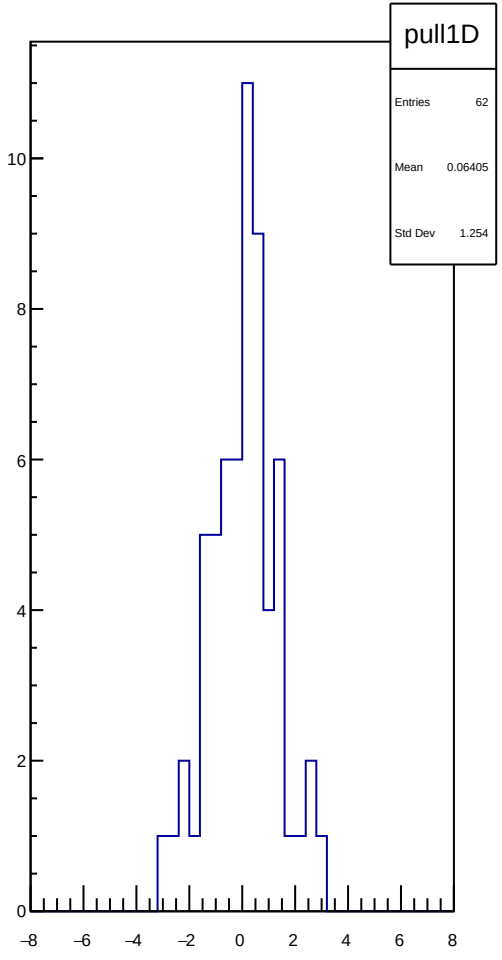

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs run
χ² / ndf 99.3 / 61
p0 24.24 ± 1.555
pull
Entries 62
Mean 172.7
Std Dev 141.4

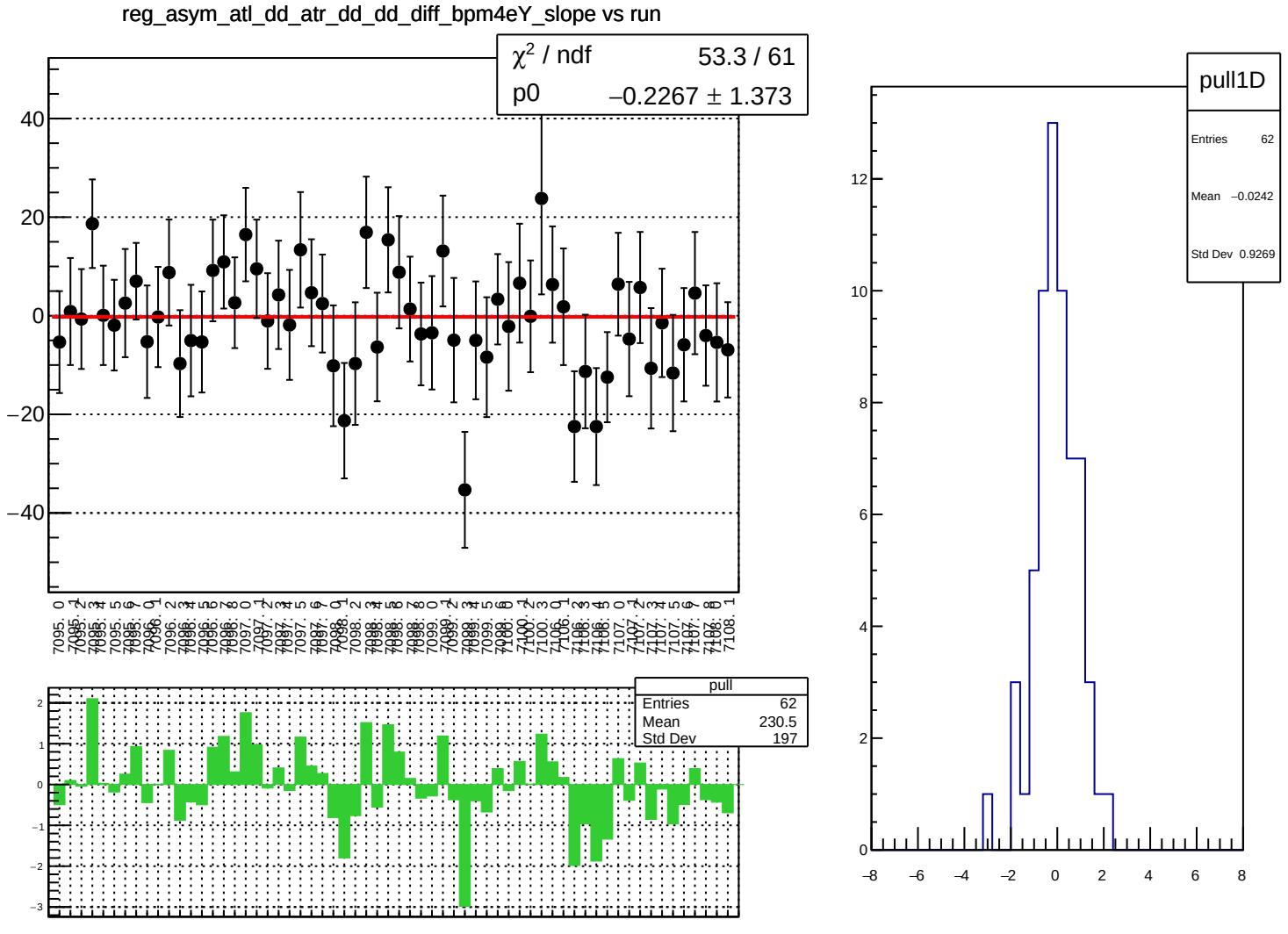

pull1D
Entries 62
Mean −0.06131
Std Dev 1.264

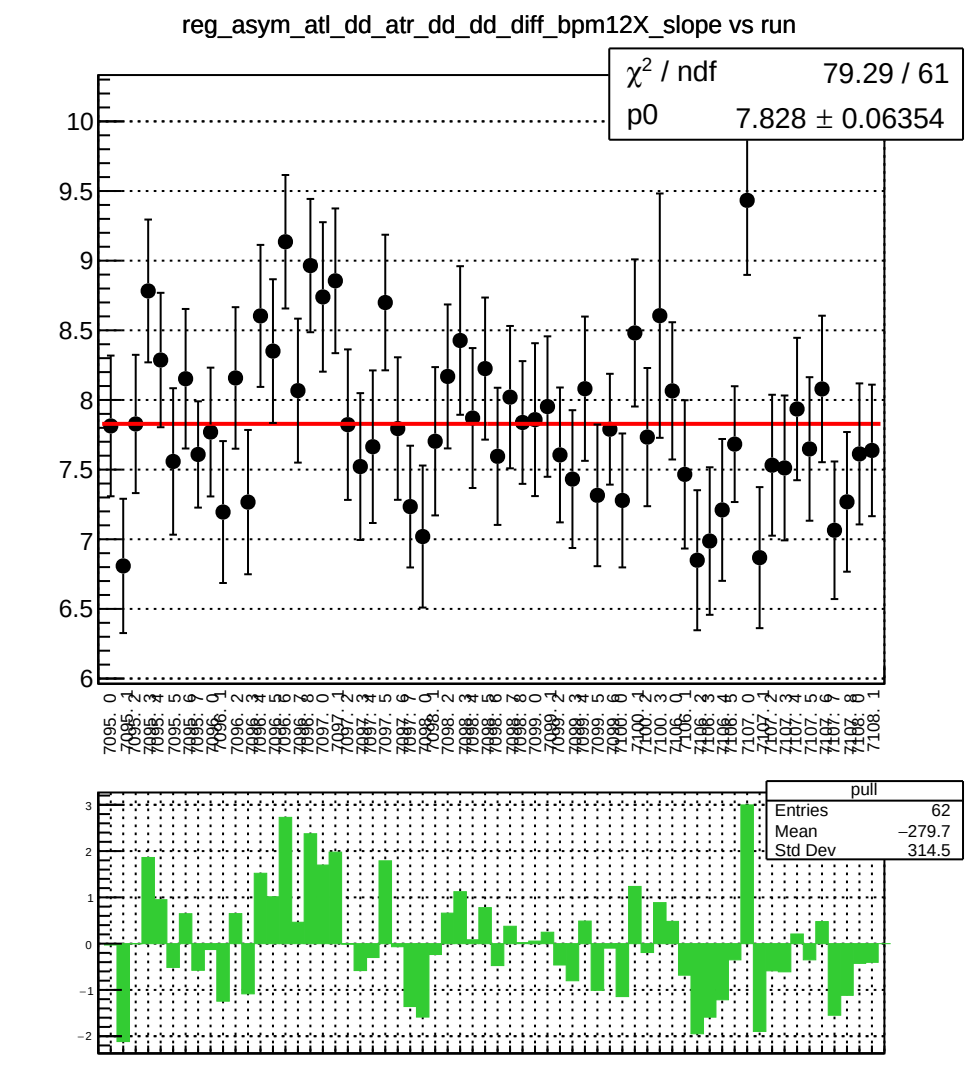

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs run
χ² / ndf 45.83 / 61
p0 −3.863 ± 1.287
pull
Entries 62
Mean 297.4
Std Dev 264.3

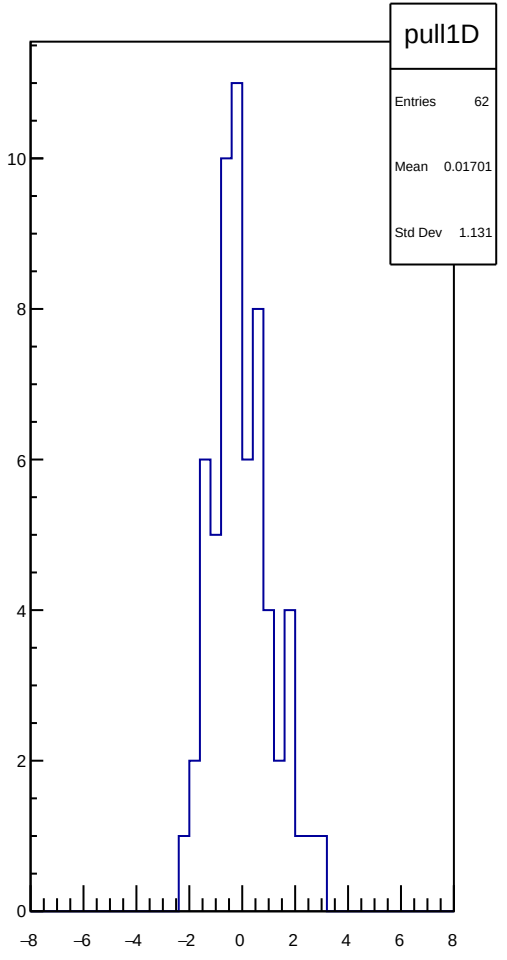

pull1D
Entries 62
Mean 0.01369
Std Dev 0.8596

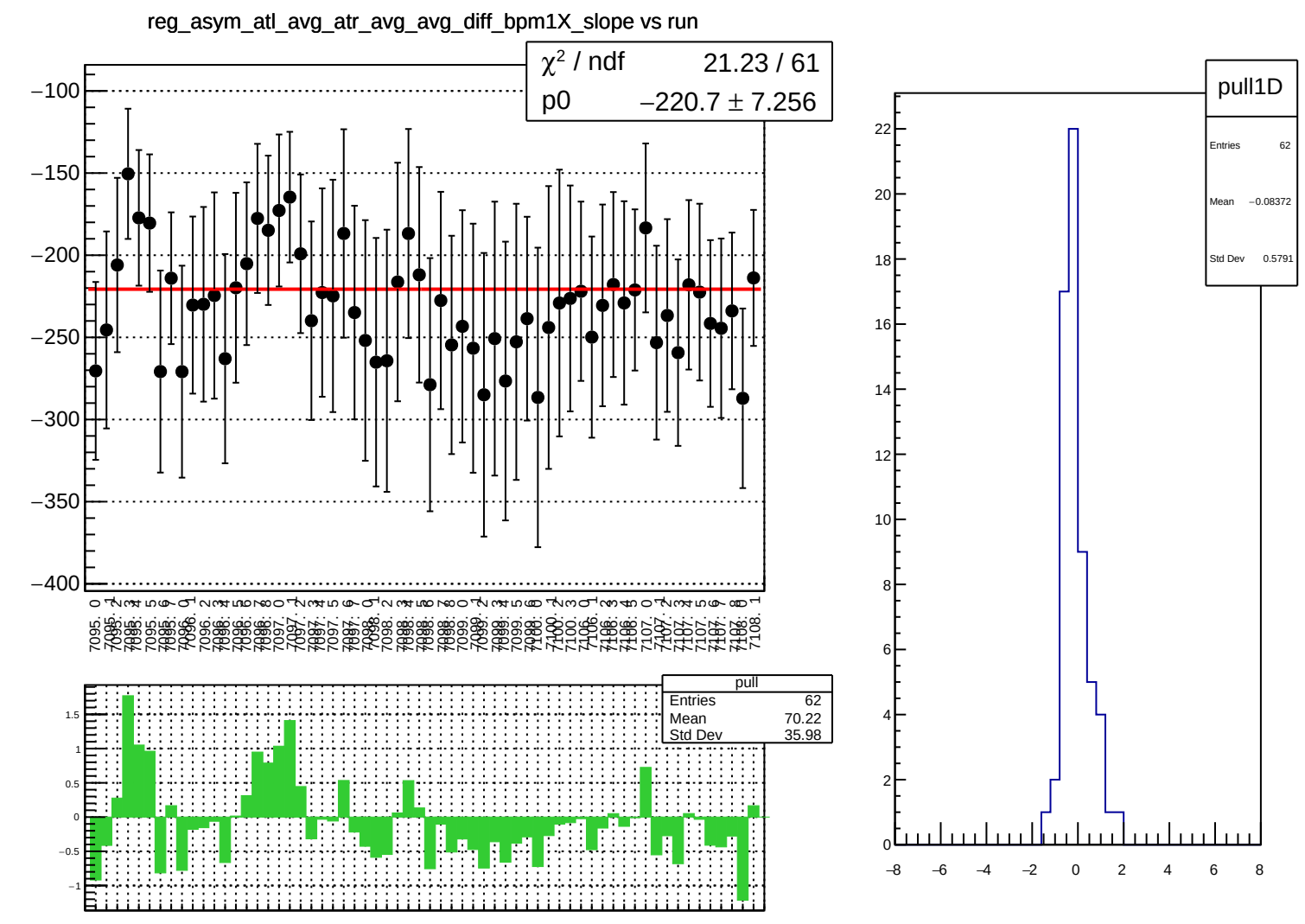

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs run
χ² / ndf 97.8 / 61
p0 42.67 ± 1.515
pull
Entries 62
Mean 153.3
Std Dev 122.3

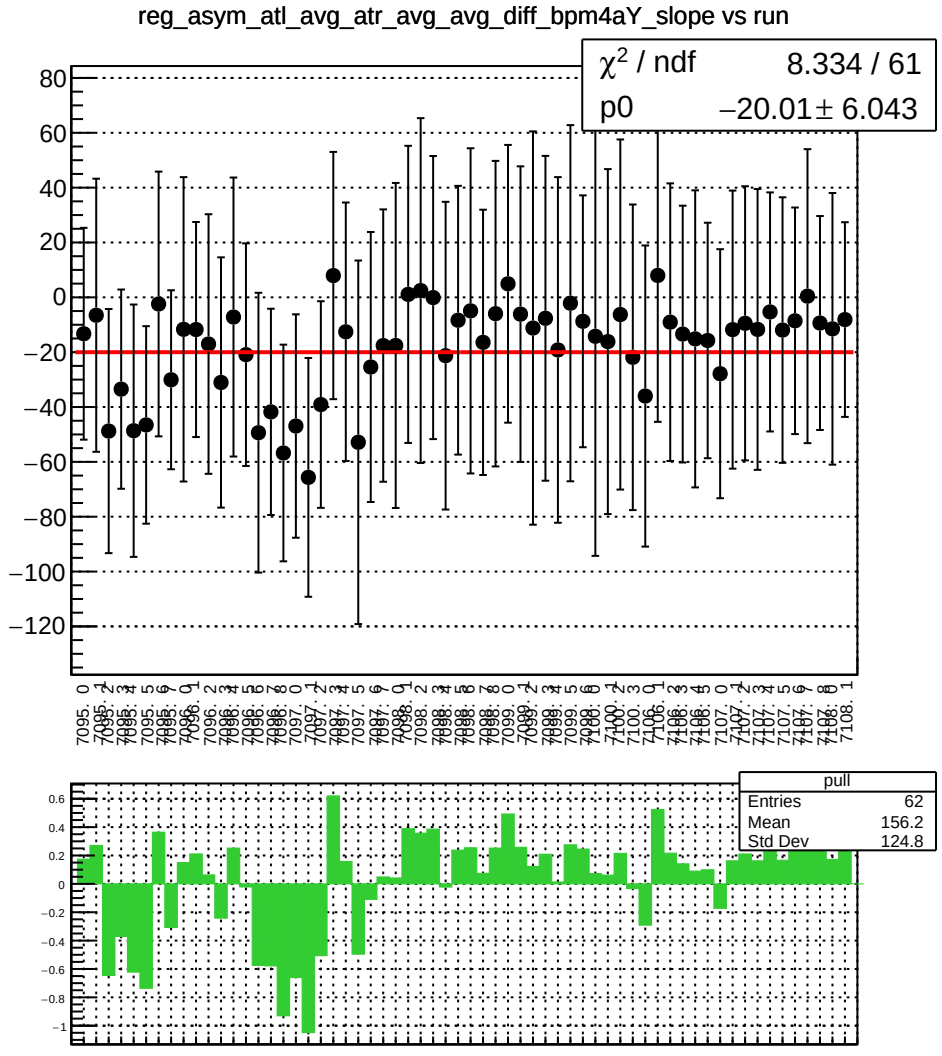

pull1D
Entries 62
Mean 0.06405
Std Dev 1.254

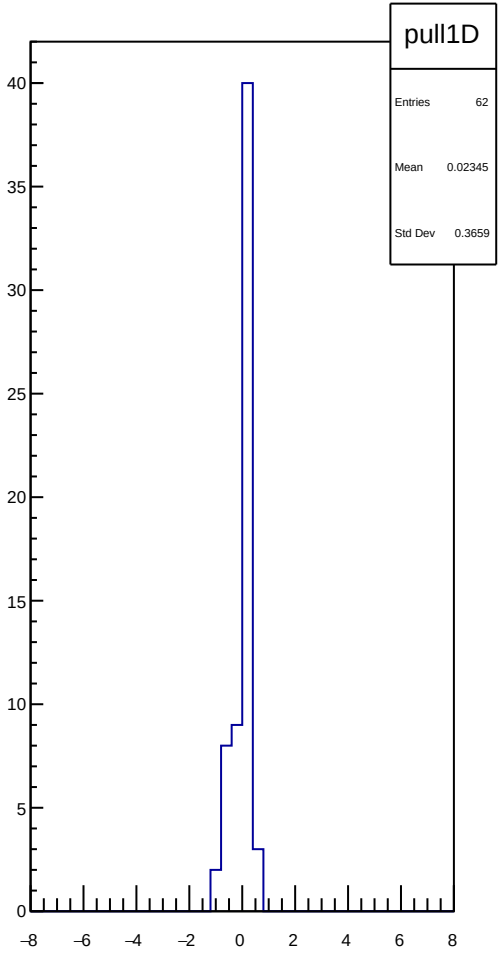

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs run
χ² / ndf 53.3 / 61
p0 −0.2267 ± 1.373
pull
Entries 62
Mean 230.5
Std Dev 197
pull1D
Entries 62
Mean −0.0242
Std Dev 0.9269

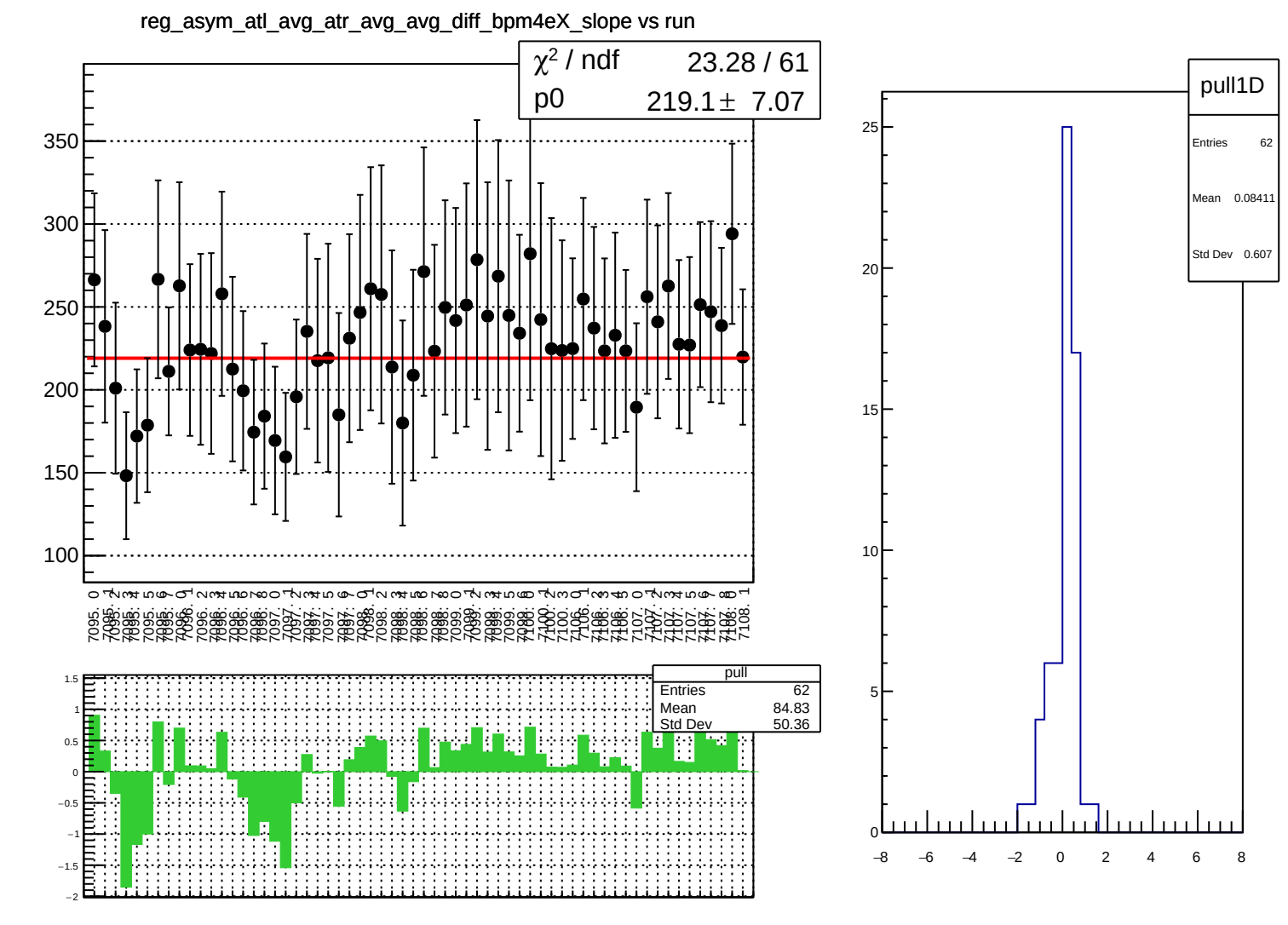

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs run
χ² / ndf 79.29 / 61
p0 7.828 ± 0.06354
pull
Entries 62
Mean −279.7
Std Dev 314.5

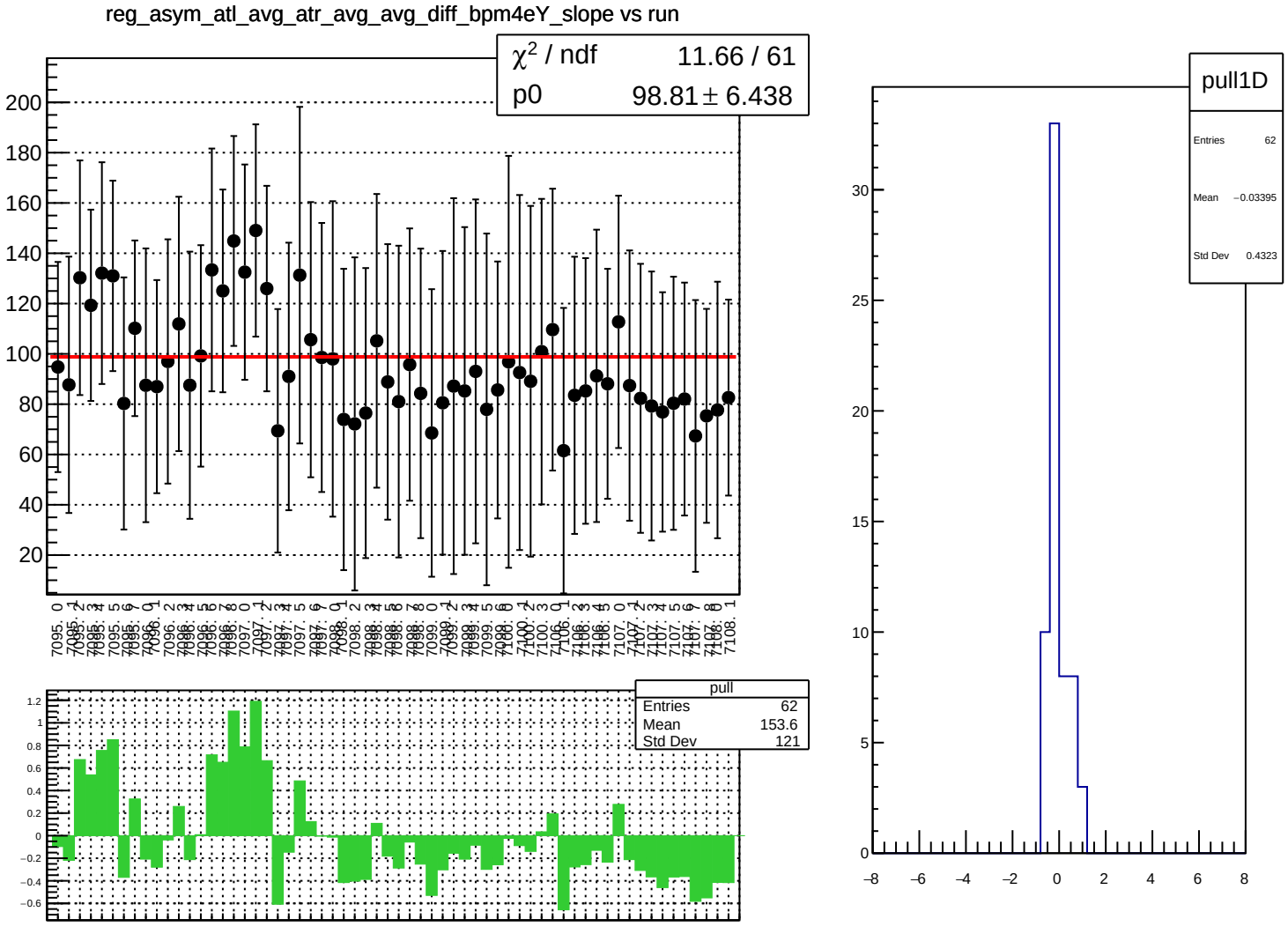

pull1D
Entries 62
Mean 0.01701
Std Dev 1.131

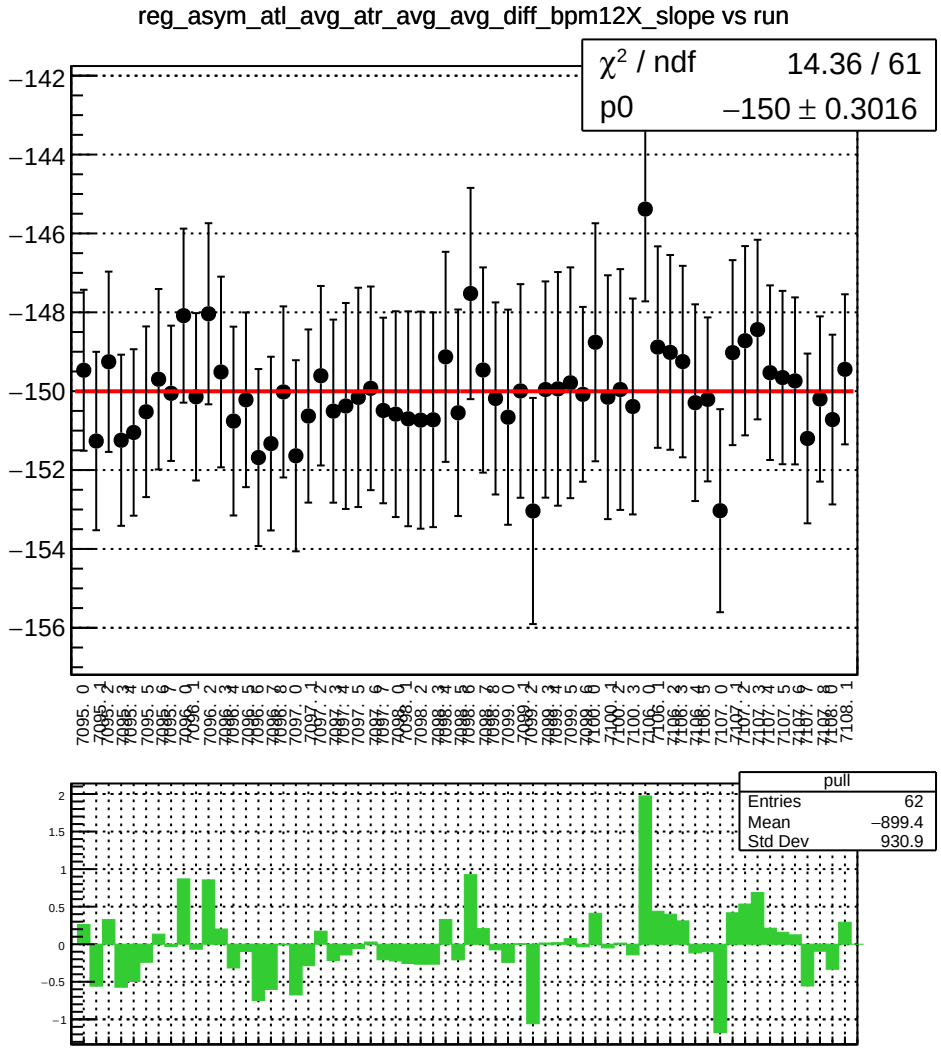

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs run
χ² / ndf 21.23 / 61
p0 −220.7 ± 7.256
pull
Entries 62
Mean 70.22
Std Dev 35.98
pull1D
Entries 62
Mean −0.08372
Std Dev 0.5791

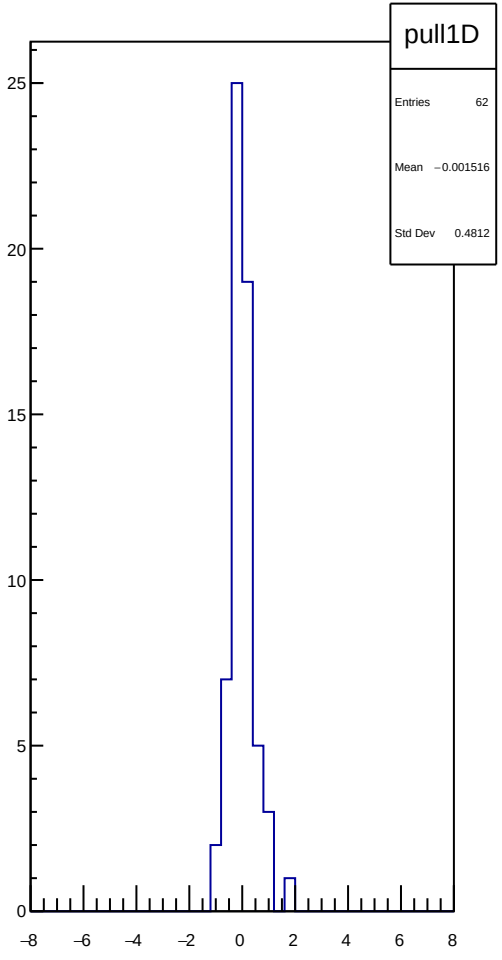

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs run
χ² / ndf 8.334 / 61
p0 −20.01± 6.043
pull
Entries 62
Mean 156.2
Std Dev 124.8

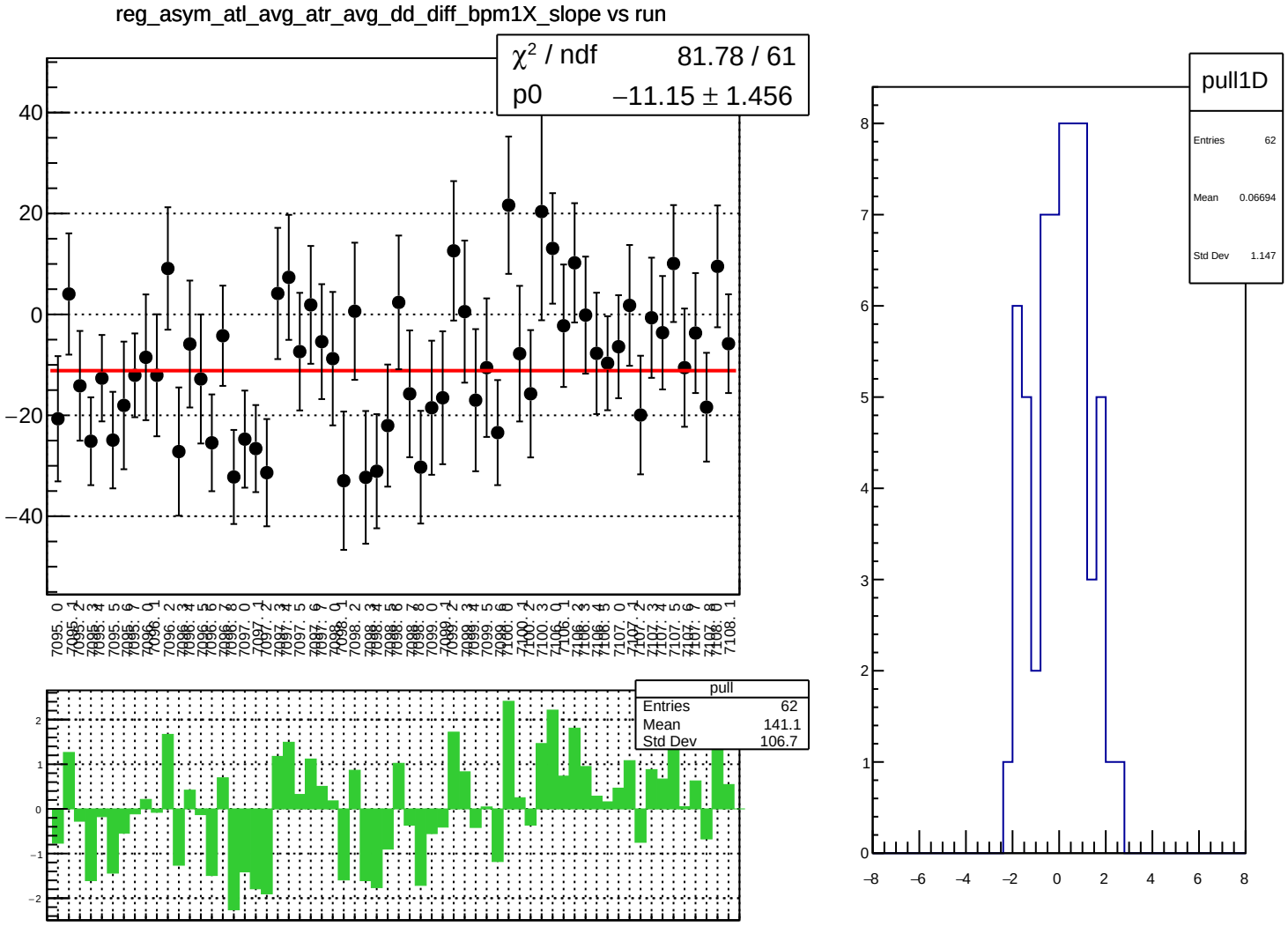

pull1D
Entries 62
Mean 0.02345
Std Dev 0.3659

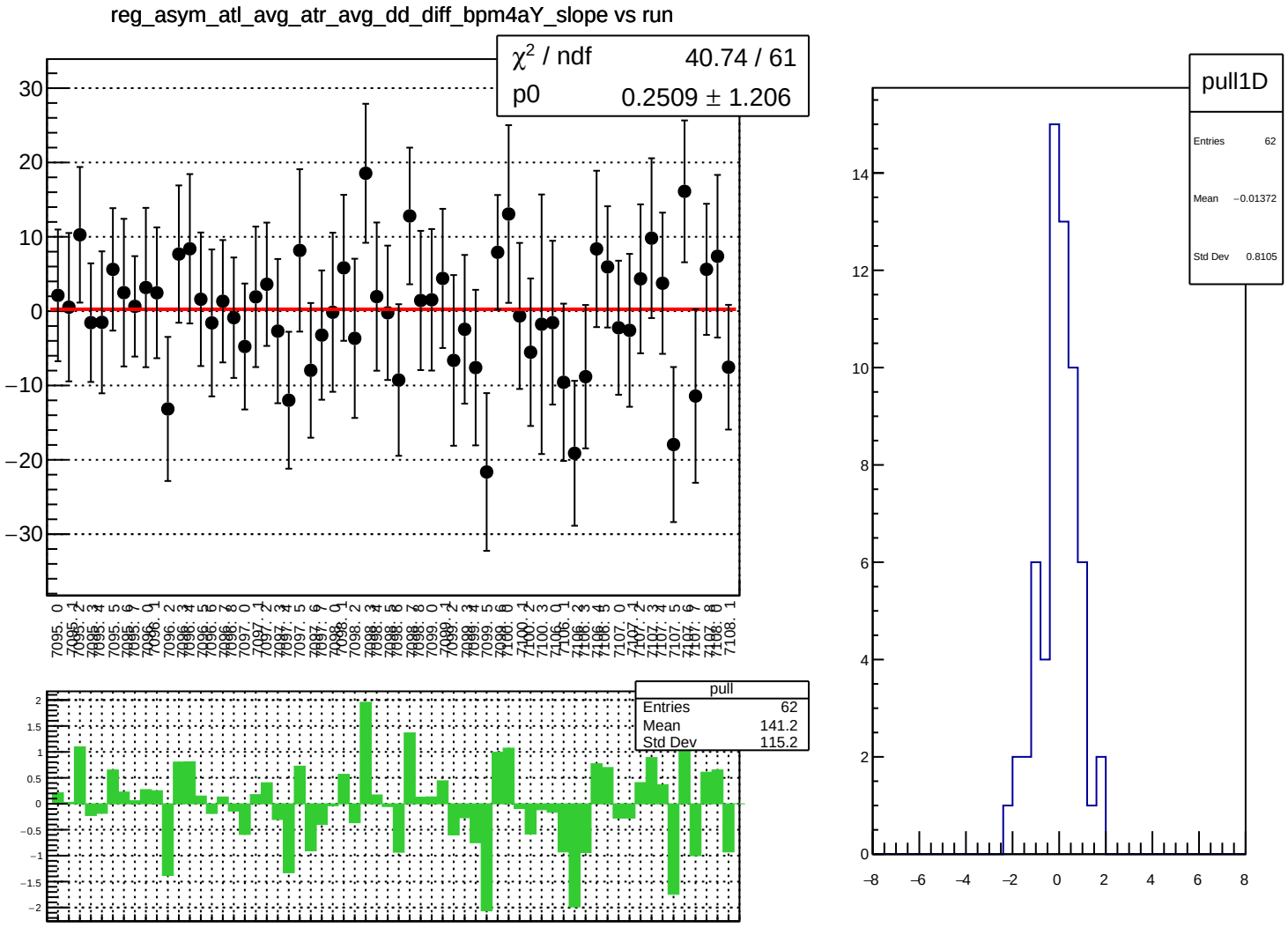

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs run
χ² / ndf 23.28 / 61
p0 219.1 ± 7.07
pull
Entries 62
Mean 84.83
Std Dev 50.36
pull1D
Entries 62
Mean 0.08411
Std Dev 0.607

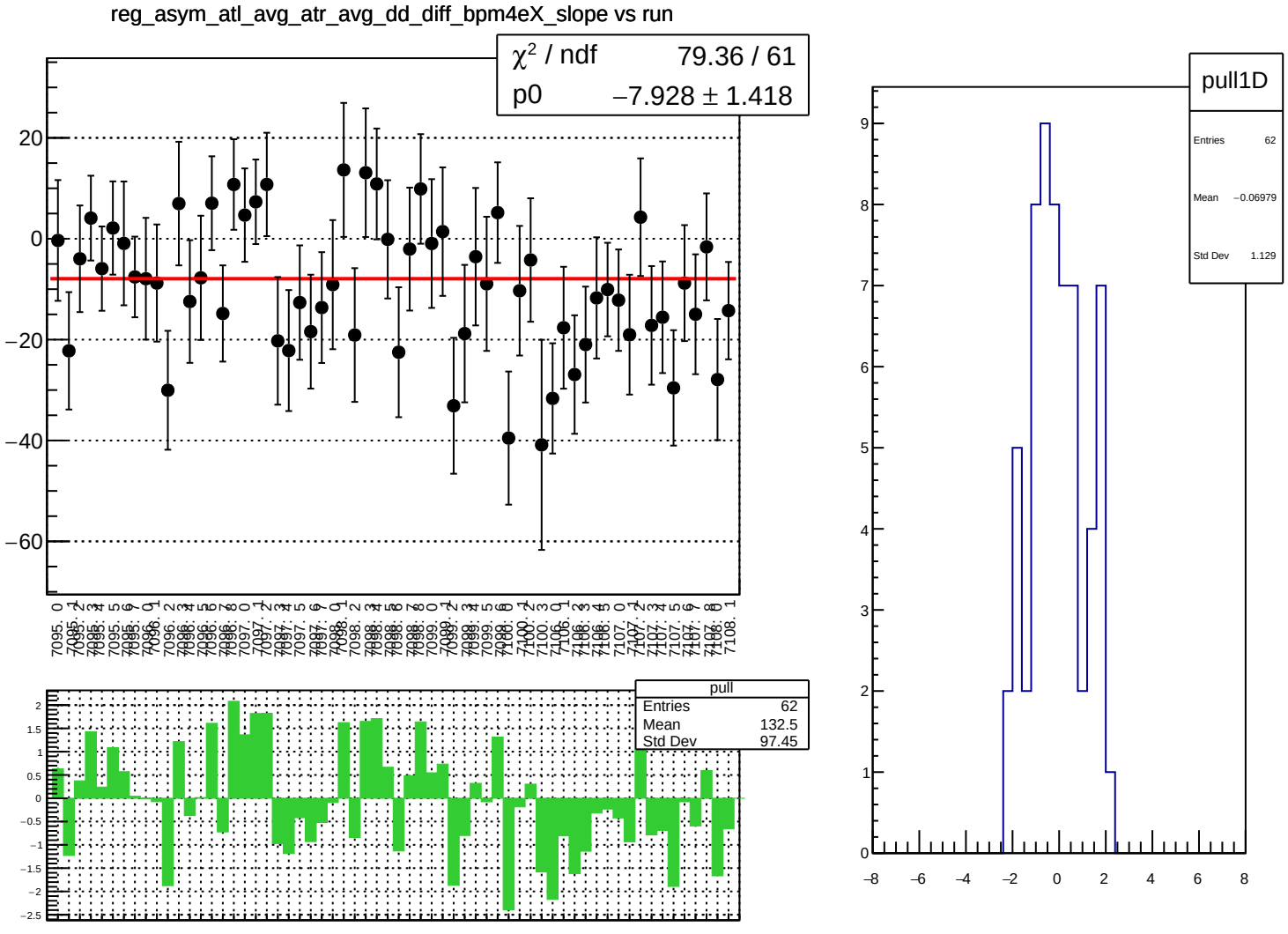

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs run
χ² / ndf 11.66 / 61
p0 98.81 ± 6.438
pull
Entries 62
Mean 153.6
Std Dev 121
pull1D
Entries 62
Mean −0.03395
Std Dev 0.4323

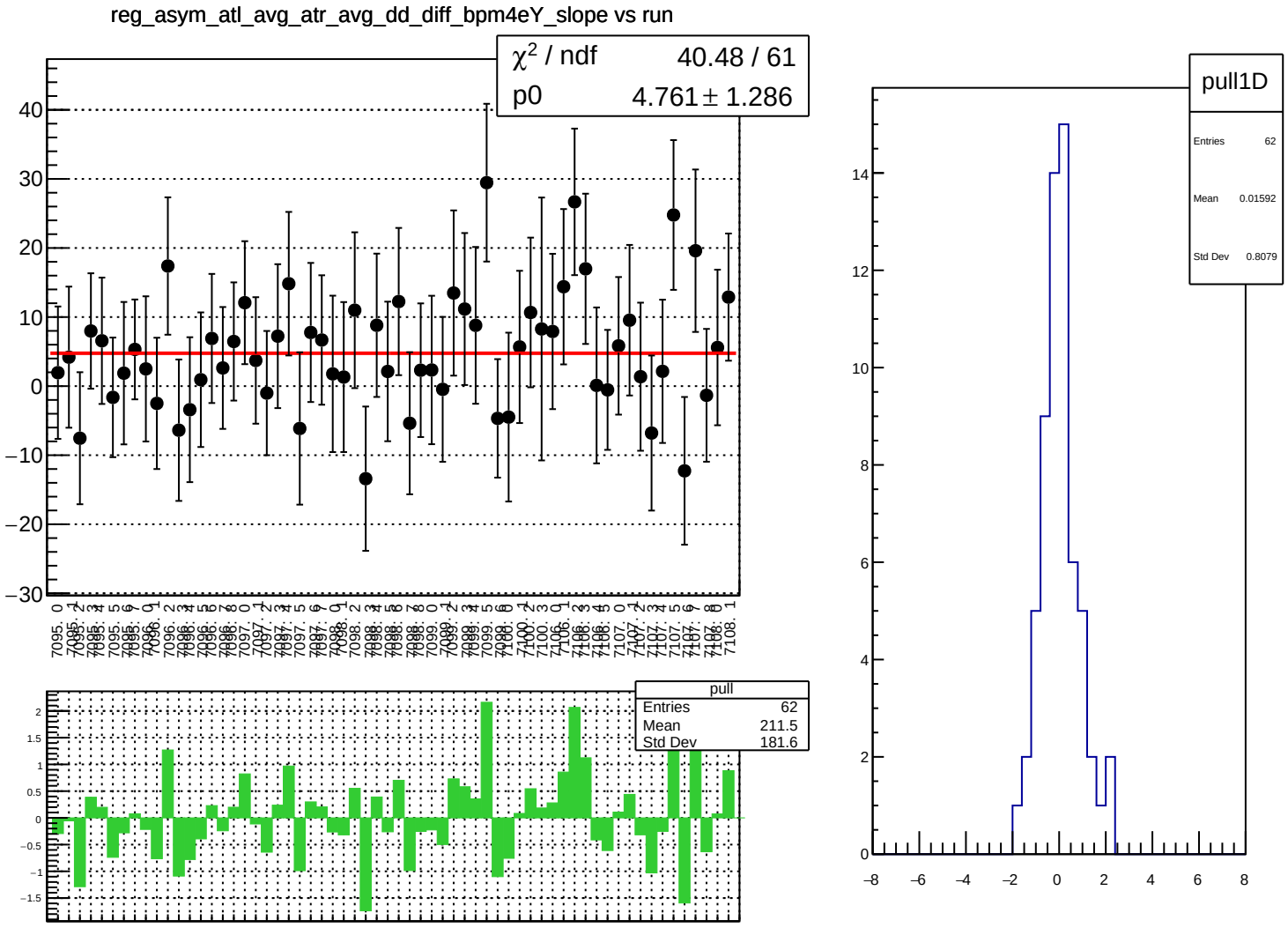

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs run
χ² / ndf 14.36 / 61
p0 −150 ± 0.3016
pull
Entries 62
Mean −899.4
Std Dev 930.9

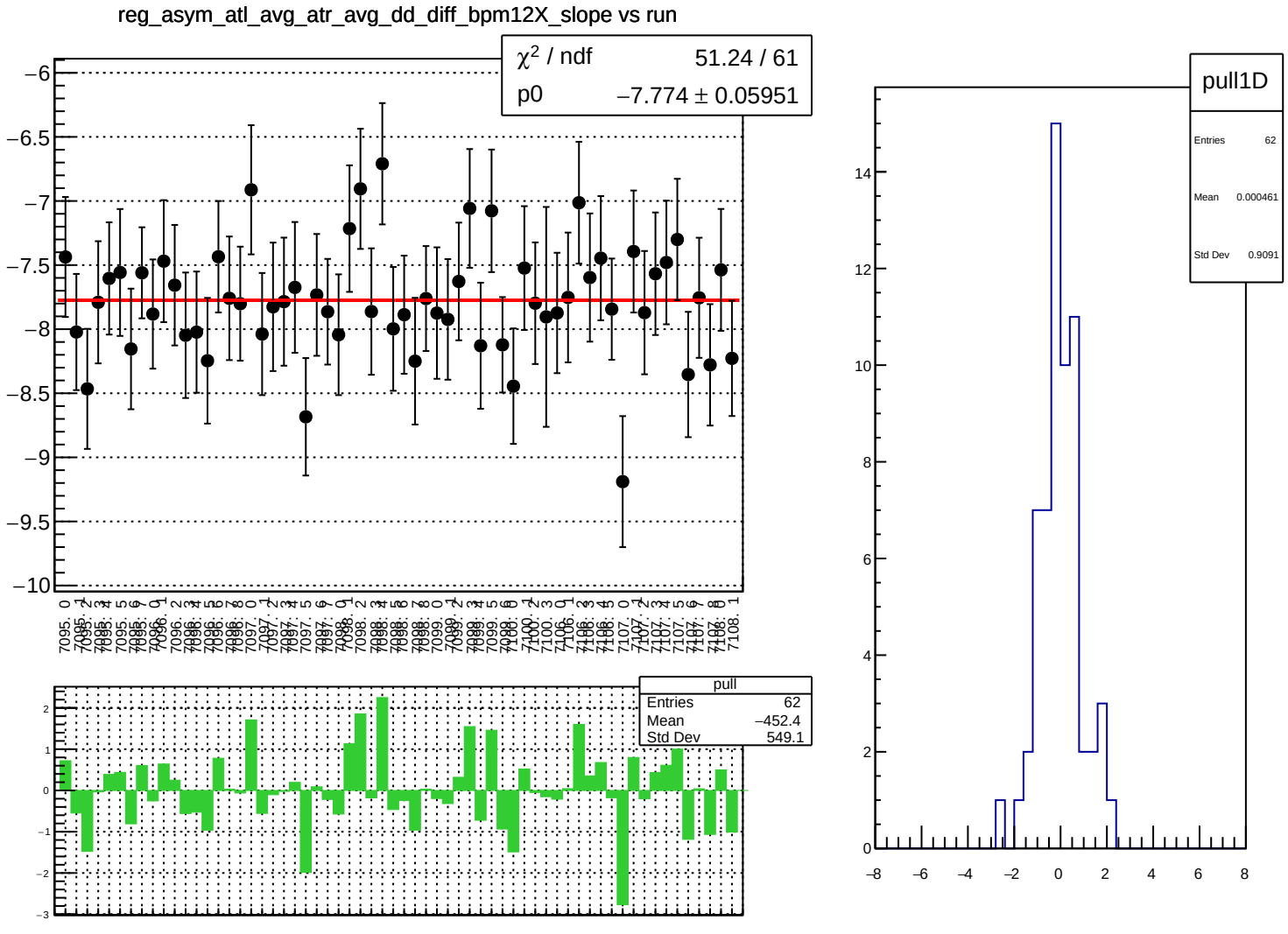

pull1D
Entries 62
Mean −0.001516
Std Dev 0.4812

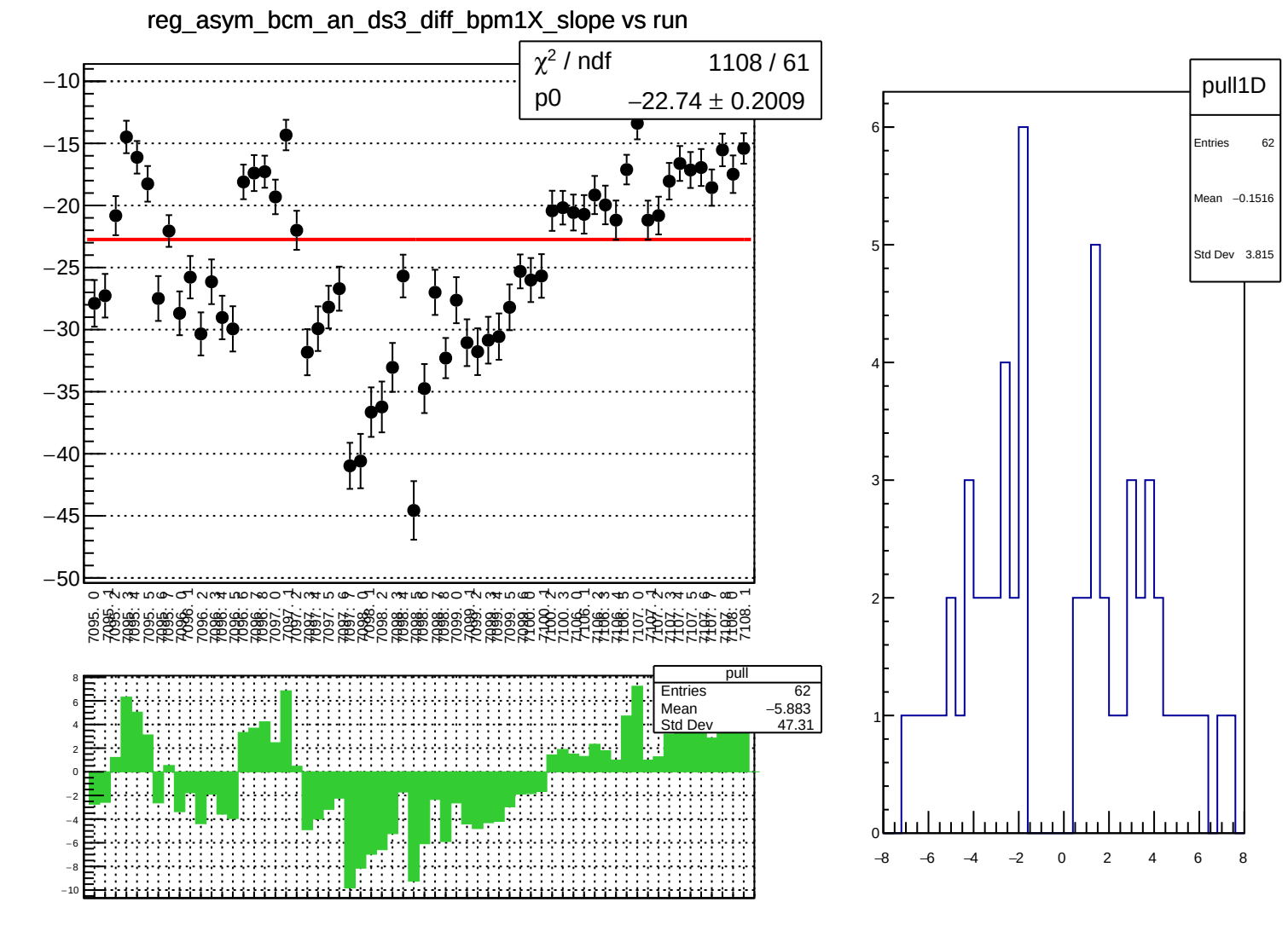

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs run
χ² / ndf 81.78 / 61
p0 −11.15 ± 1.456
pull
Entries 62
Mean 141.1
Std Dev 106.7
pull1D
Entries 62
Mean 0.06694
Std Dev 1.147

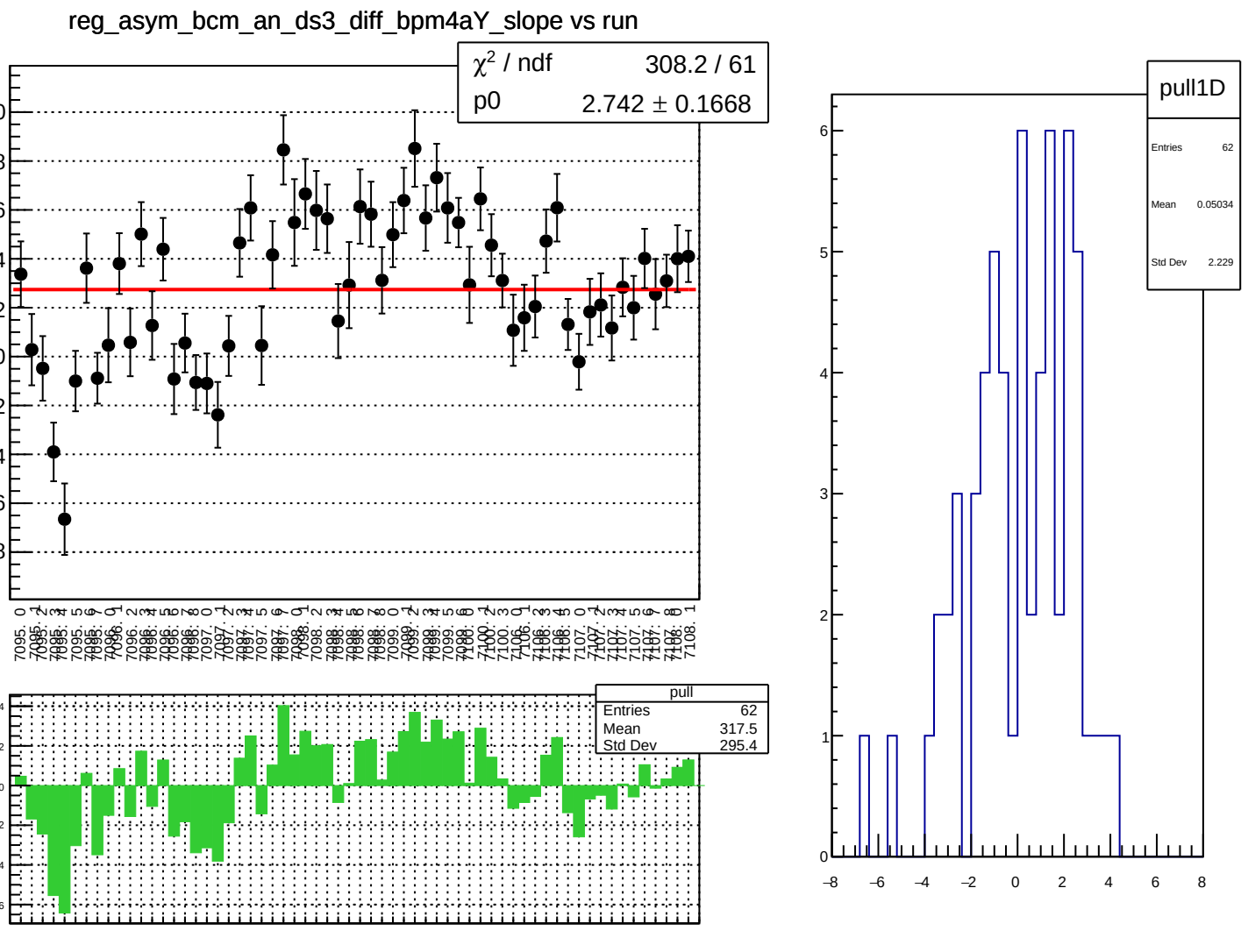

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs run
χ² / ndf 40.74 / 61
p0 0.2509 ± 1.206
pull
Entries 62
Mean 141.2
Std Dev 115.2
pull1D
Entries 62
Mean −0.01372
Std Dev 0.8105

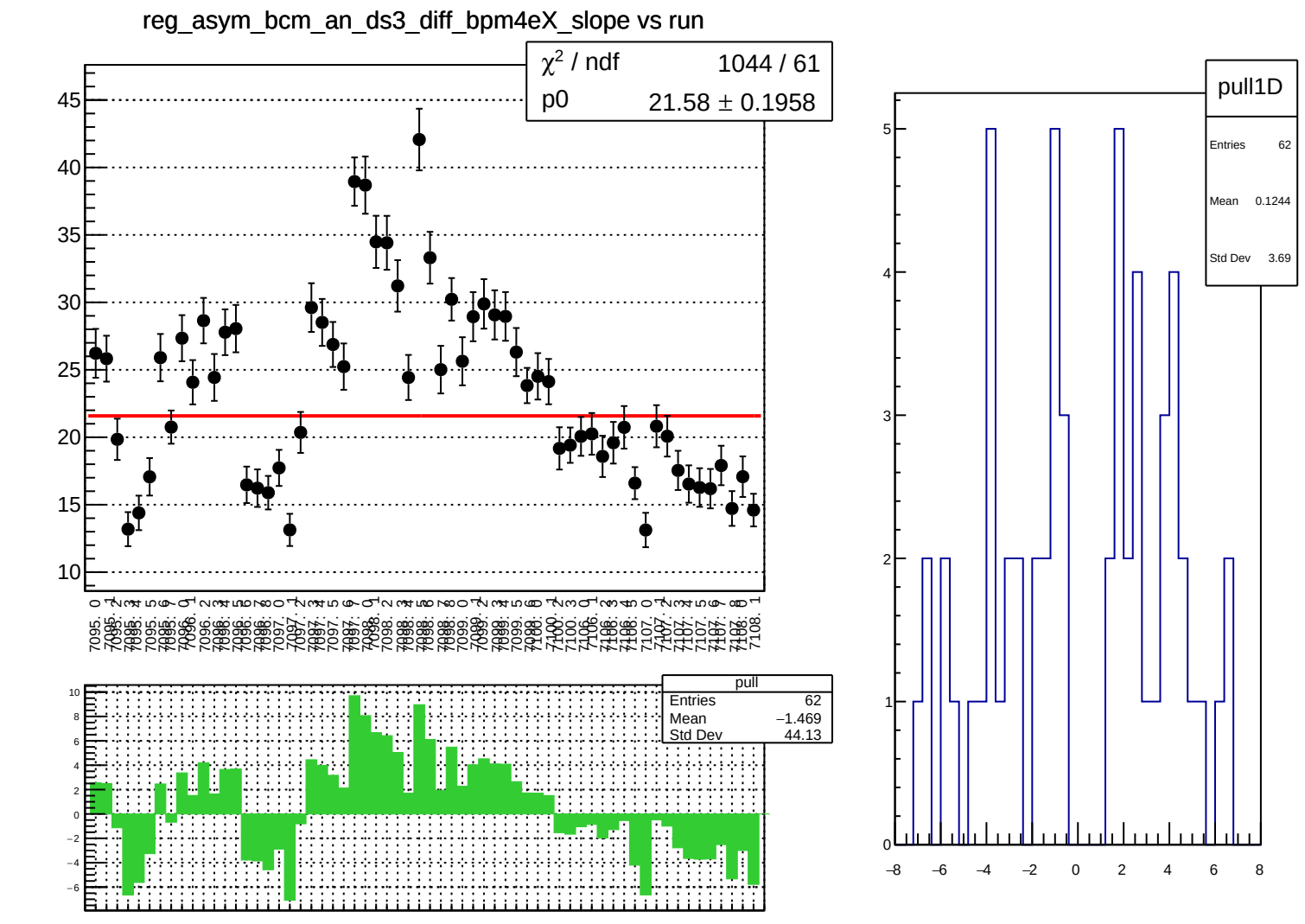

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs run
χ² / ndf 79.36 / 61
p0 −7.928 ± 1.418
pull
Entries 62
Mean 132.5
Std Dev 97.45
pull1D
Entries 62
Mean −0.06979
Std Dev 1.129

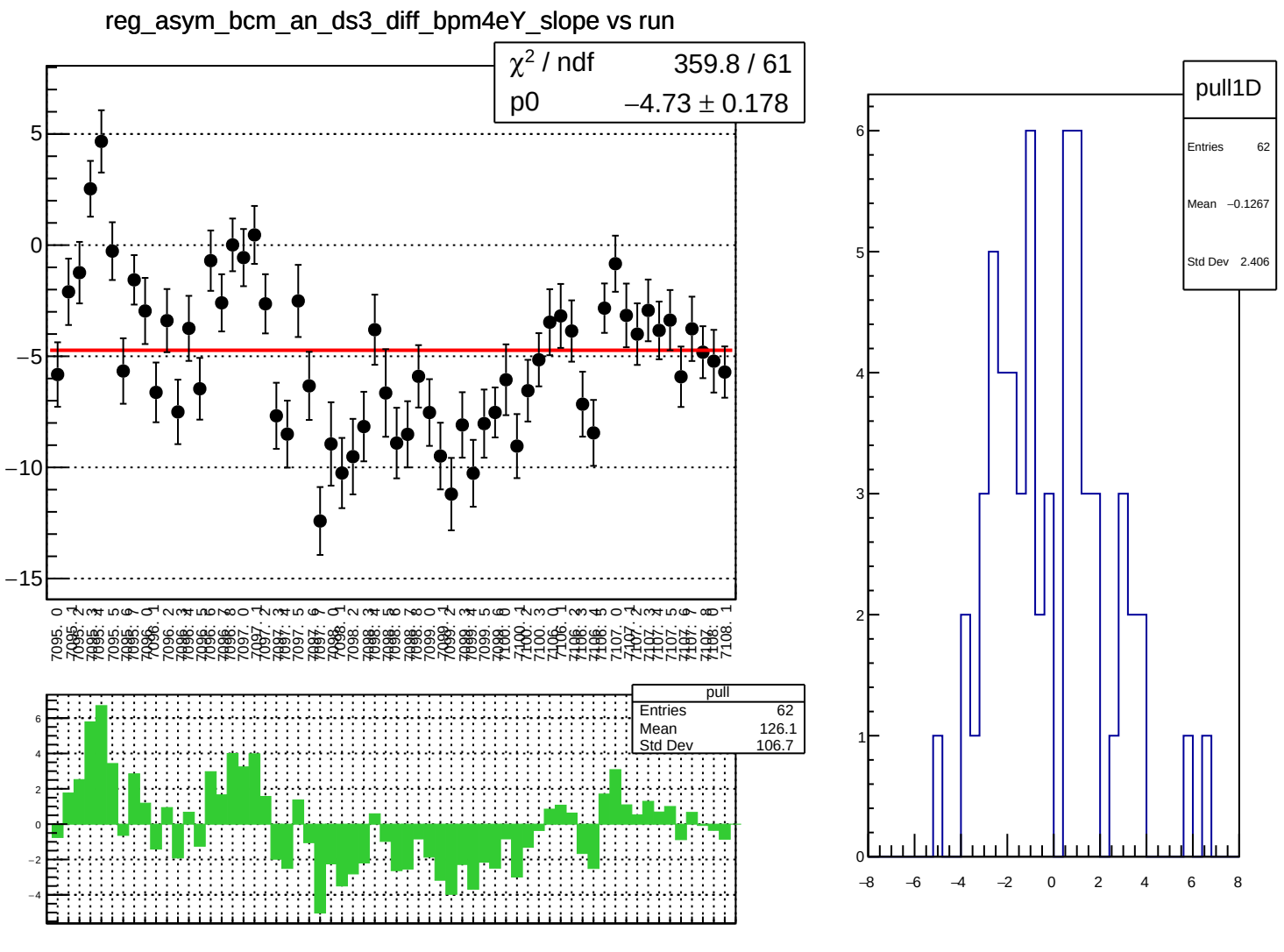

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs run
χ² / ndf 40.48 / 61
p0 4.761 ± 1.286
pull
Entries 62
Mean 211.5
Std Dev 181.6
pull1D
Entries 62
Mean 0.01592
Std Dev 0.8079

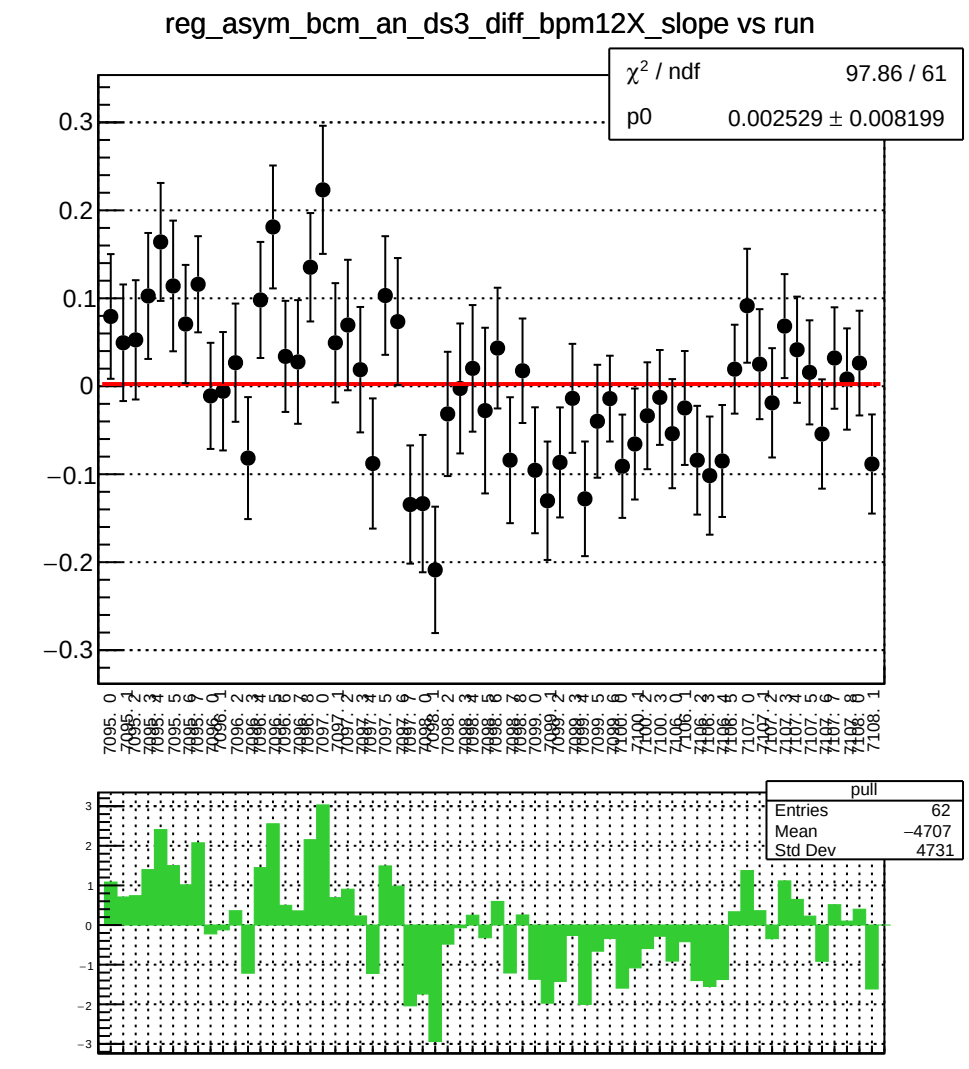

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs run
χ² / ndf 51.24 / 61
p0 −7.774 ± 0.05951
pull
Entries 62
Mean −452.4
Std Dev 549.1
pull1D
Entries 62
Mean 0.000461
Std Dev 0.9091

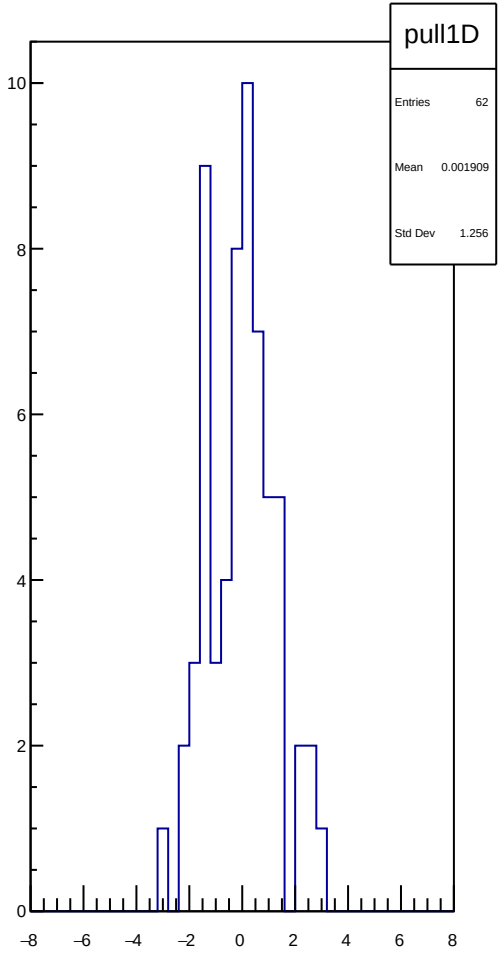

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs run
χ² / ndf 1108 / 61
p0 −22.74 ± 0.2009
pull
Entries 62
Mean −5.883
Std Dev 47.31
pull1D
Entries 62
Mean −0.1516
Std Dev 3.815

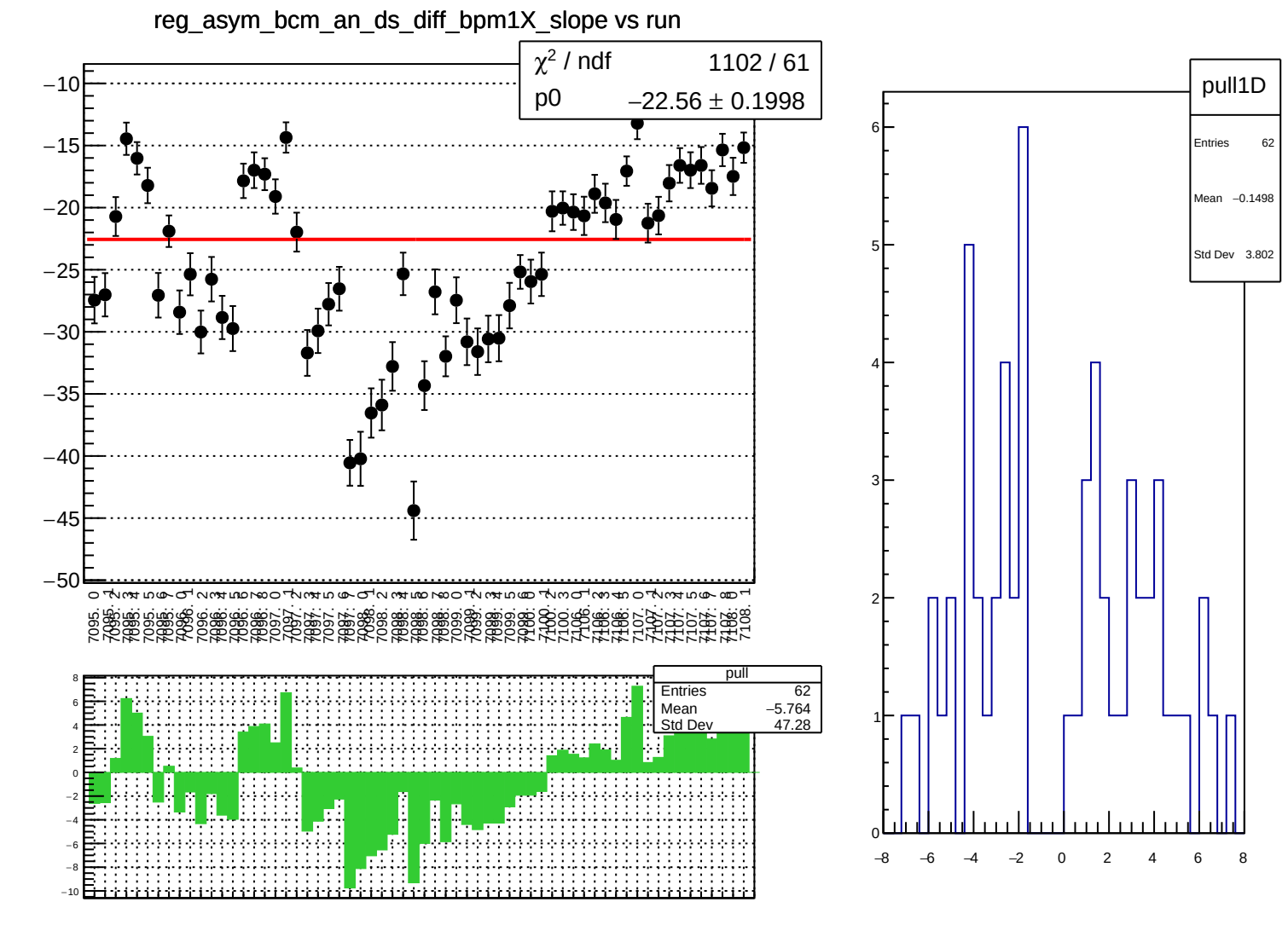

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs run
χ² / ndf 308.2 / 61
p0 2.742 ± 0.1668
pull
Entries 62
Mean 317.5
Std Dev 295.4
pull1D
Entries 62
Mean 0.05034
Std Dev 2.229

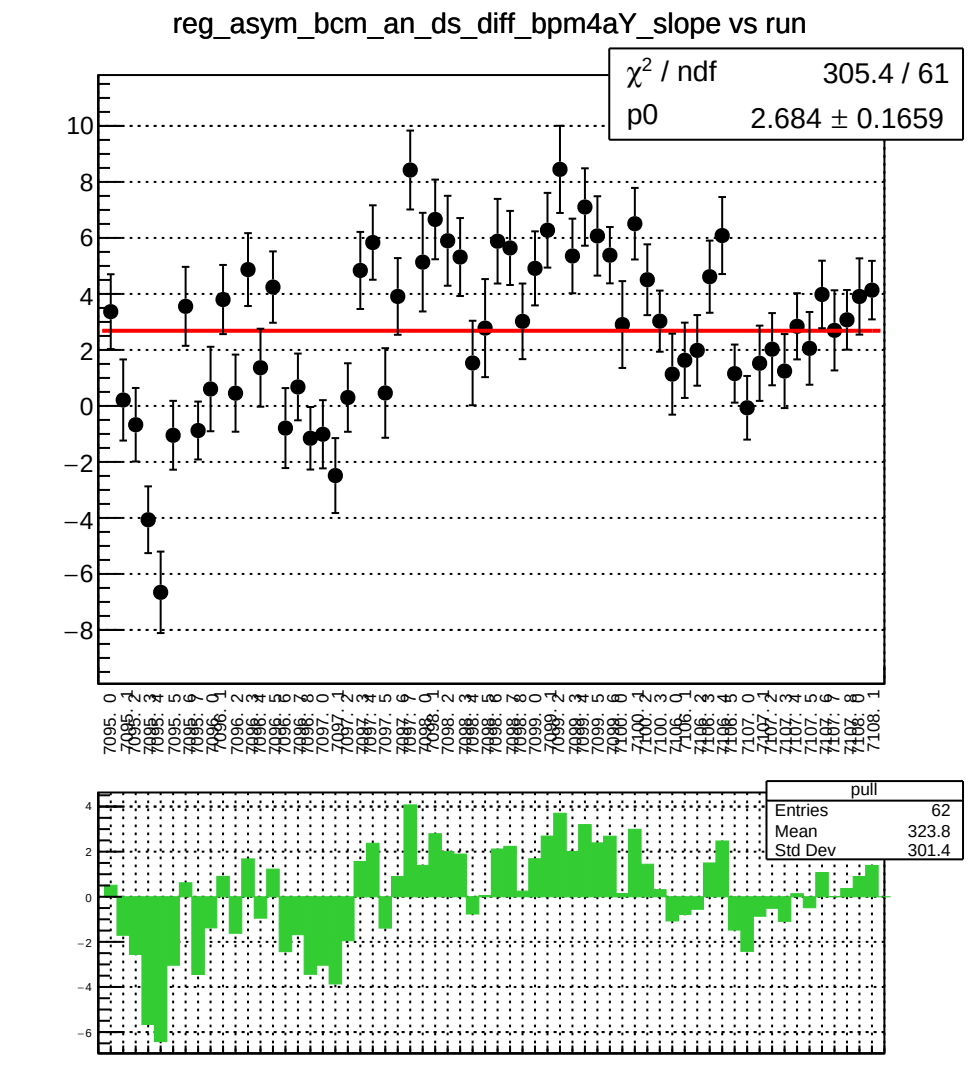

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs run
χ² / ndf 1044 / 61
p0 21.58 ± 0.1958
pull
Entries 62
Mean −1.469
Std Dev 44.13
pull1D
Entries 62
Mean 0.1244
Std Dev 3.69

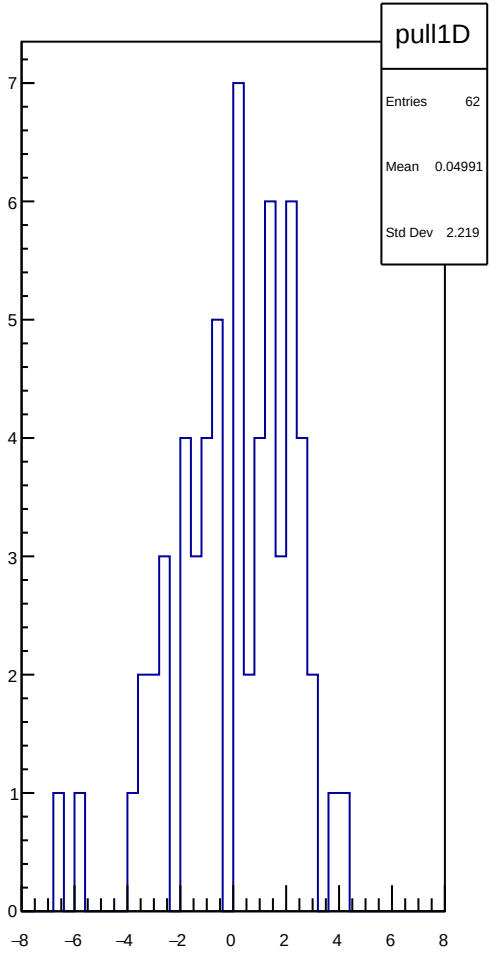

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs run
χ² / ndf 359.8 / 61
p0 −4.73 ± 0.178
pull
Entries 62
Mean 126.1
Std Dev 106.7
pull1D
Entries 62
Mean −0.1267
Std Dev 2.406

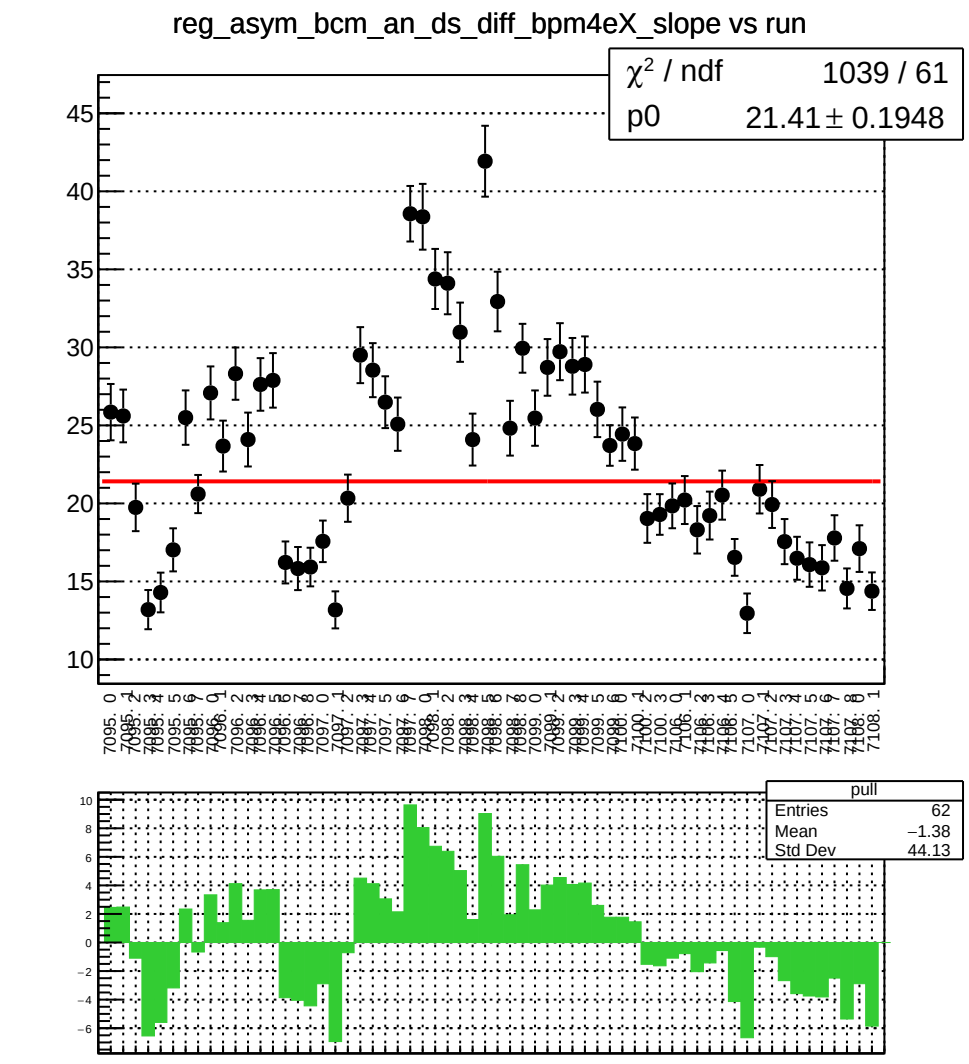

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs run
χ² / ndf 97.86 / 61
p0 0.002529 ± 0.008199
pull
Entries 62
Mean −4707
Std Dev 4731

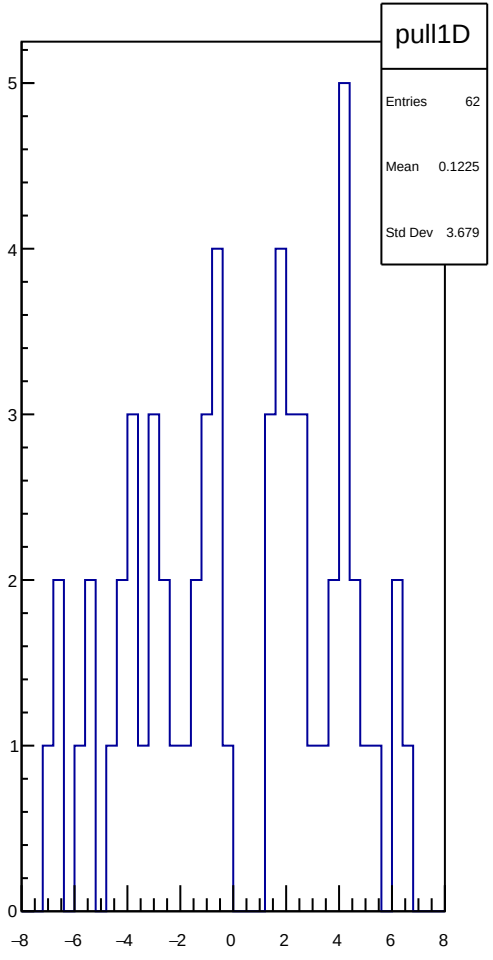

pull1D
Entries 62
Mean 0.001909
Std Dev 1.256

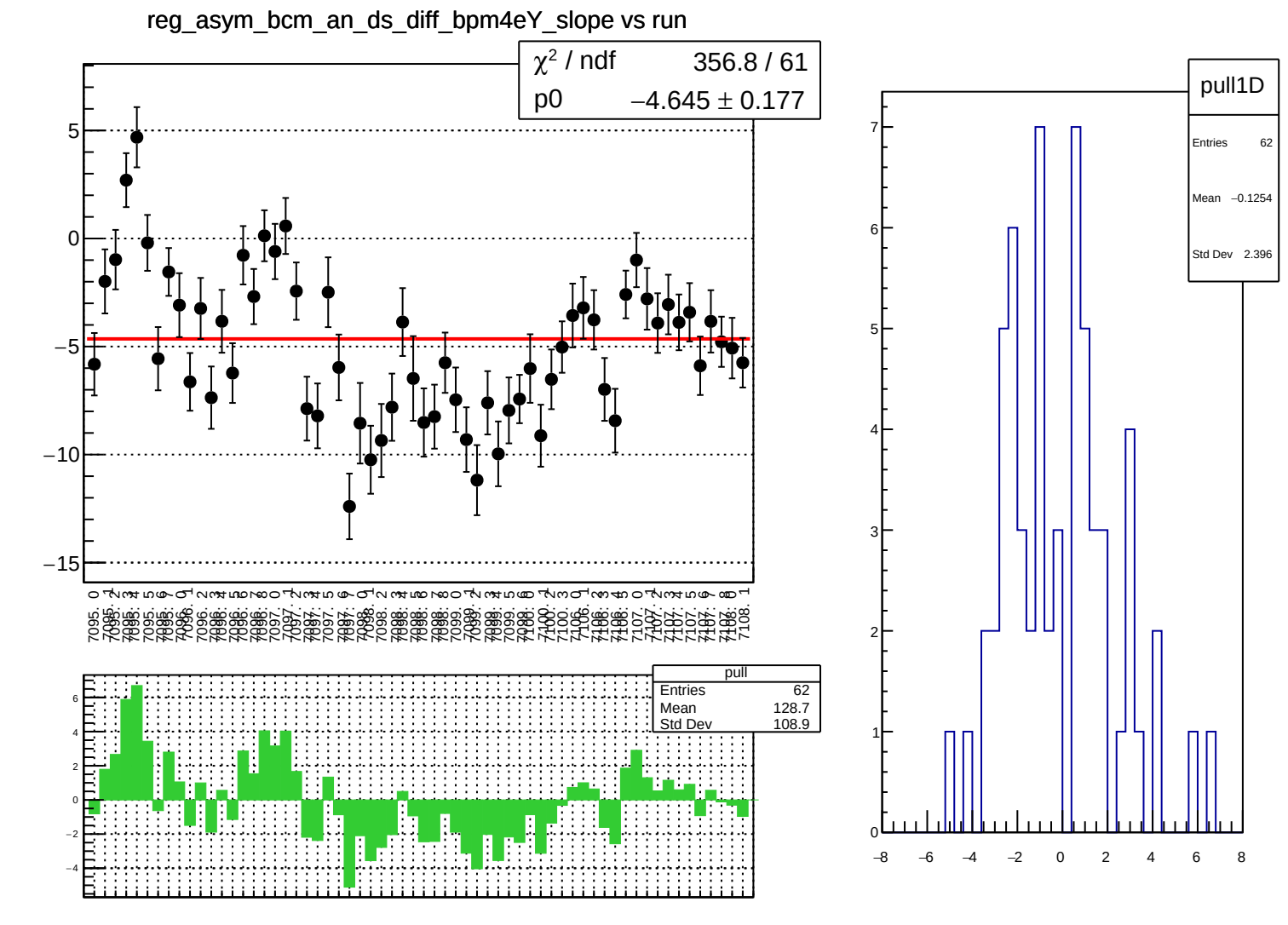

reg_asym_bcm_an_ds_diff_bpm1X_slope vs run
χ² / ndf 1102 / 61
p0 −22.56 ± 0.1998
pull
Entries 62
Mean −5.764
Std Dev 47.28
pull1D
Entries 62
Mean −0.1498
Std Dev 3.802

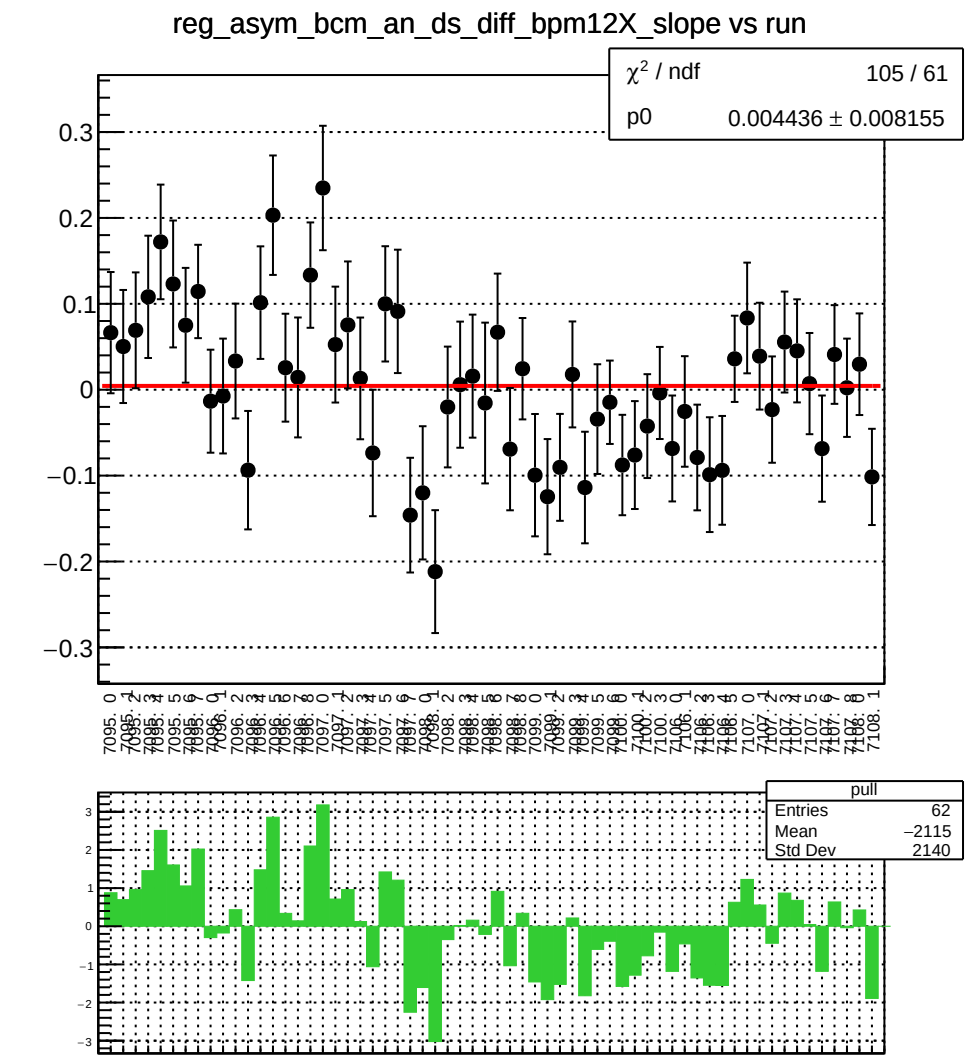

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs run
χ² / ndf 305.4 / 61
p0 2.684 ± 0.1659
pull
Entries 62
Mean 323.8
Std Dev 301.4

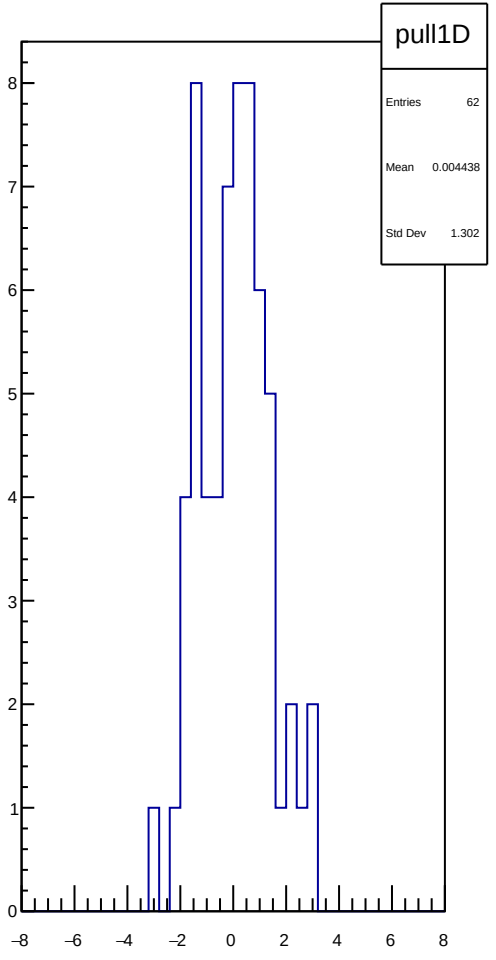

pull1D
Entries 62
Mean 0.04991
Std Dev 2.219

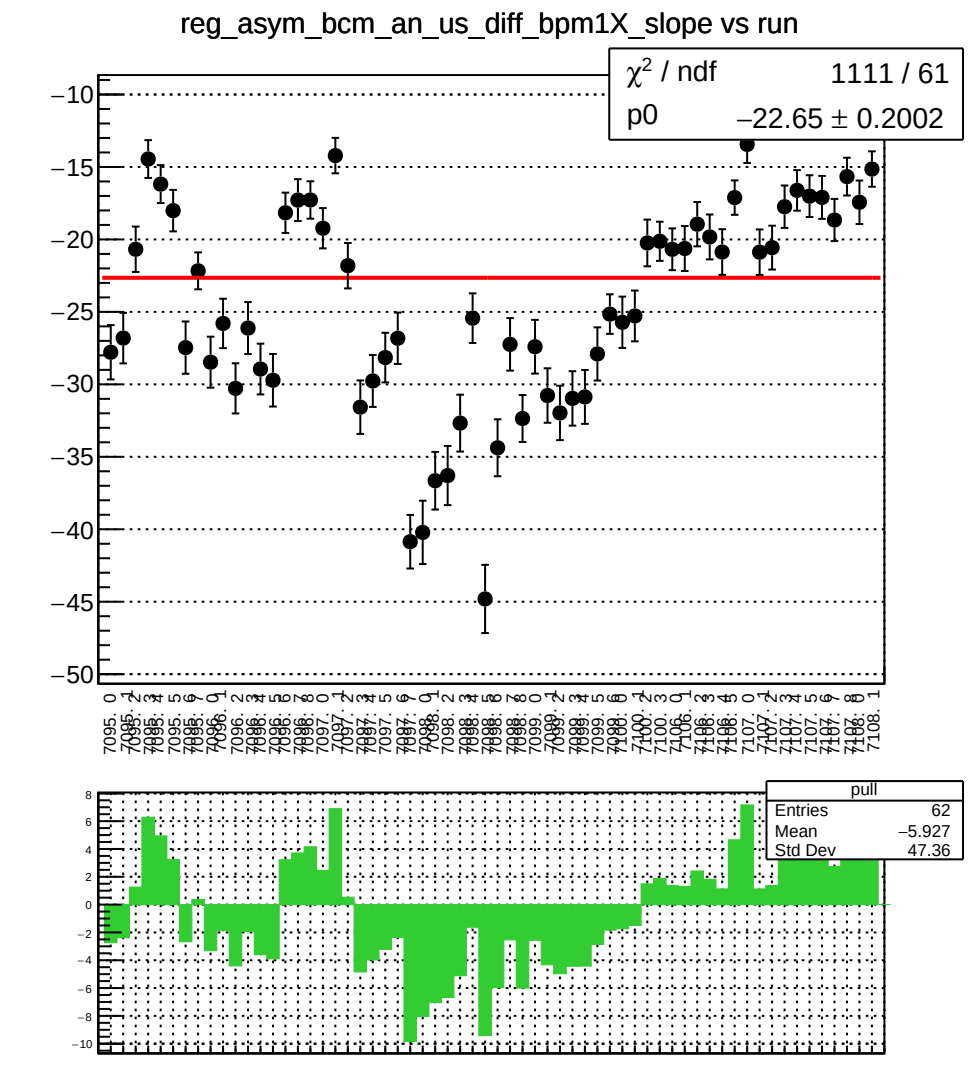

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs run
χ² / ndf 1039 / 61
p0 21.41 ± 0.1948
pull
Entries 62
Mean −1.38
Std Dev 44.13

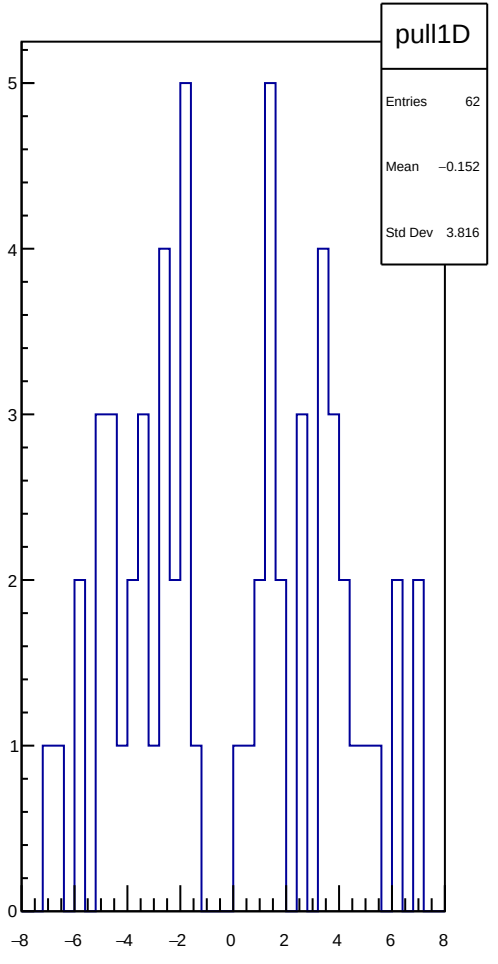

pull1D
Entries 62
Mean 0.1225
Std Dev 3.679

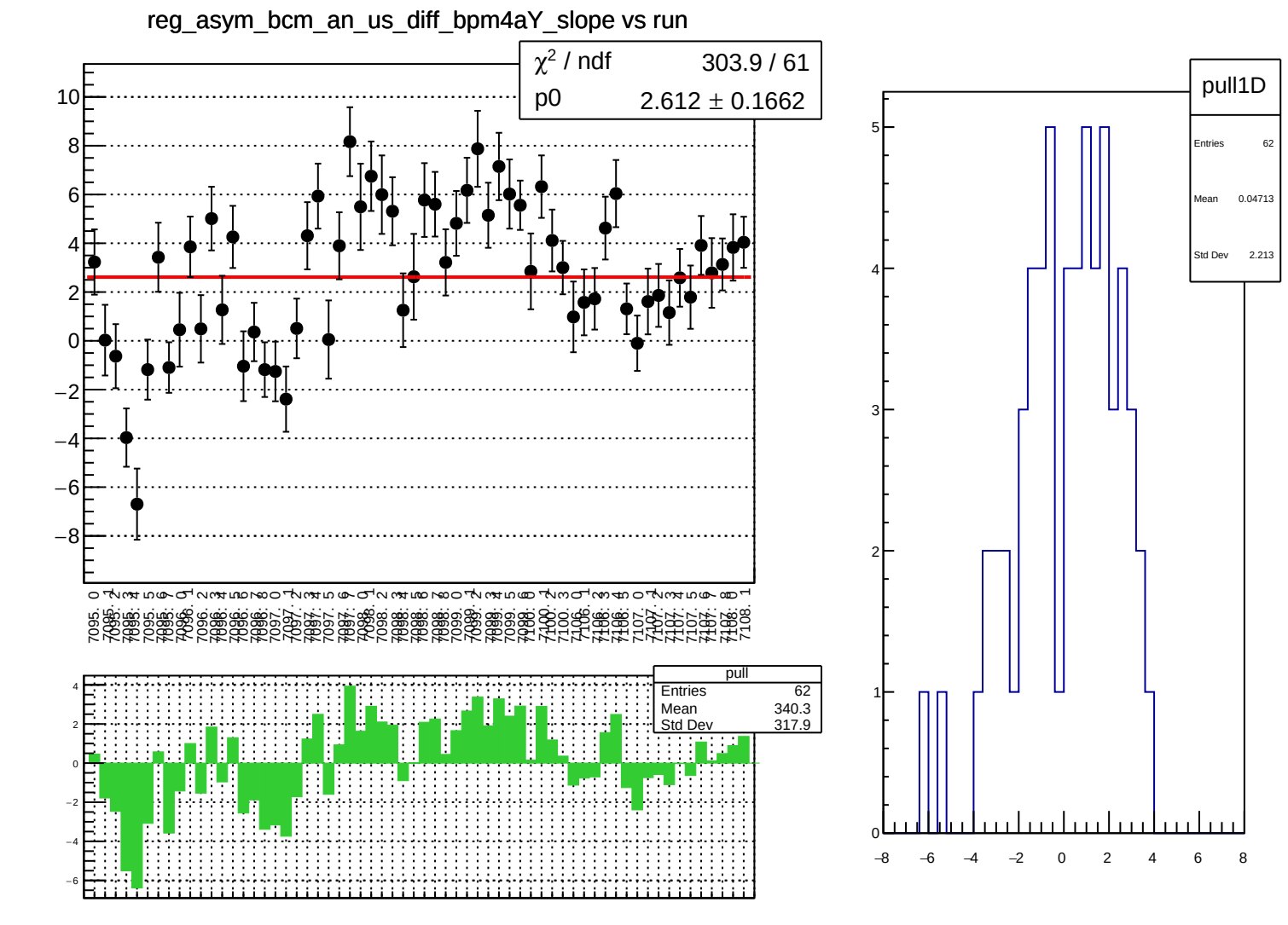

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs run
χ² / ndf 356.8 / 61
p0 −4.645 ± 0.177
pull
Entries 62
Mean 128.7
Std Dev 108.9
pull1D
Entries 62
Mean −0.1254
Std Dev 2.396

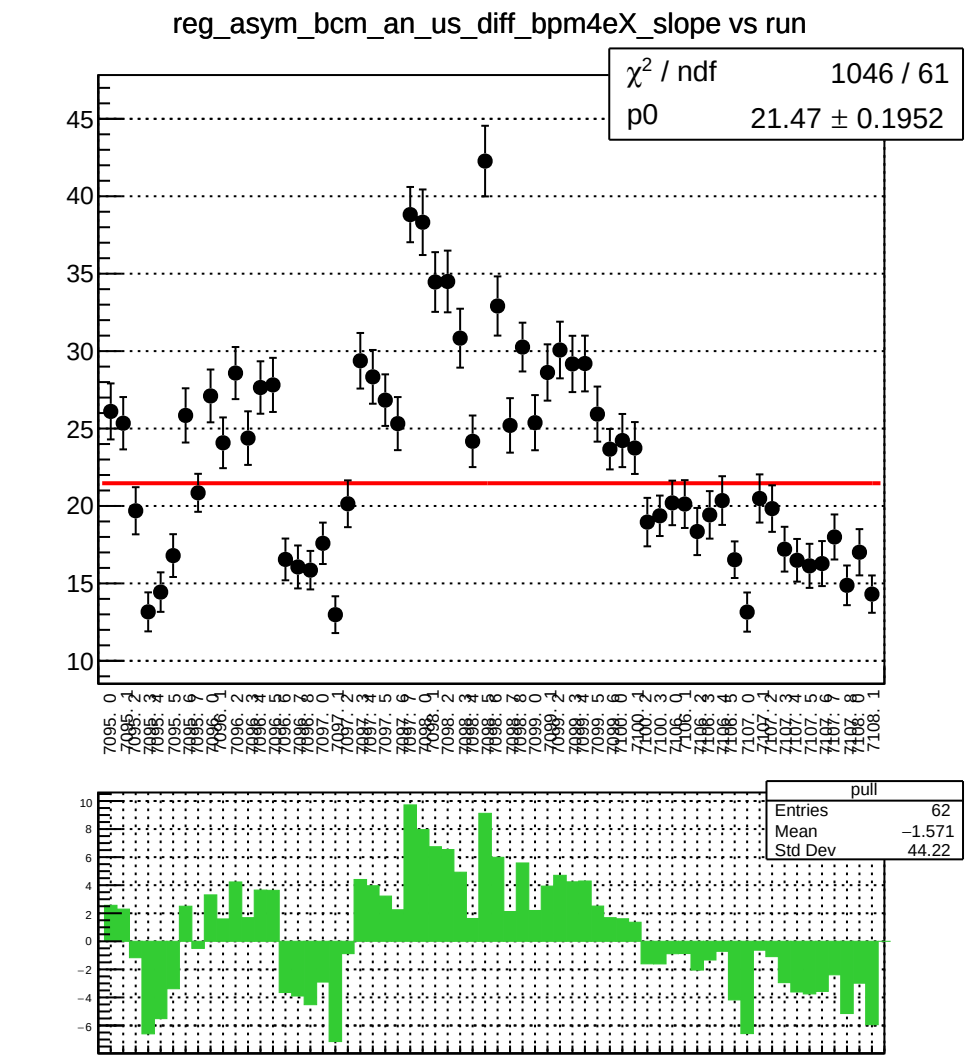

reg_asym_bcm_an_ds_diff_bpm12X_slope vs run
χ² / ndf 105 / 61
p0 0.004436 ± 0.008155
pull
Entries 62
Mean −2115
Std Dev 2140

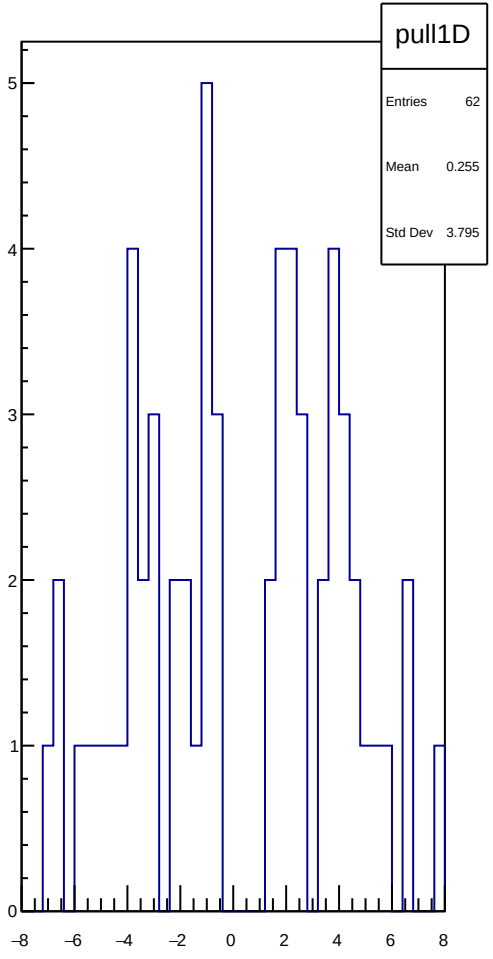

pull1D
Entries 62
Mean 0.004438
Std Dev 1.302

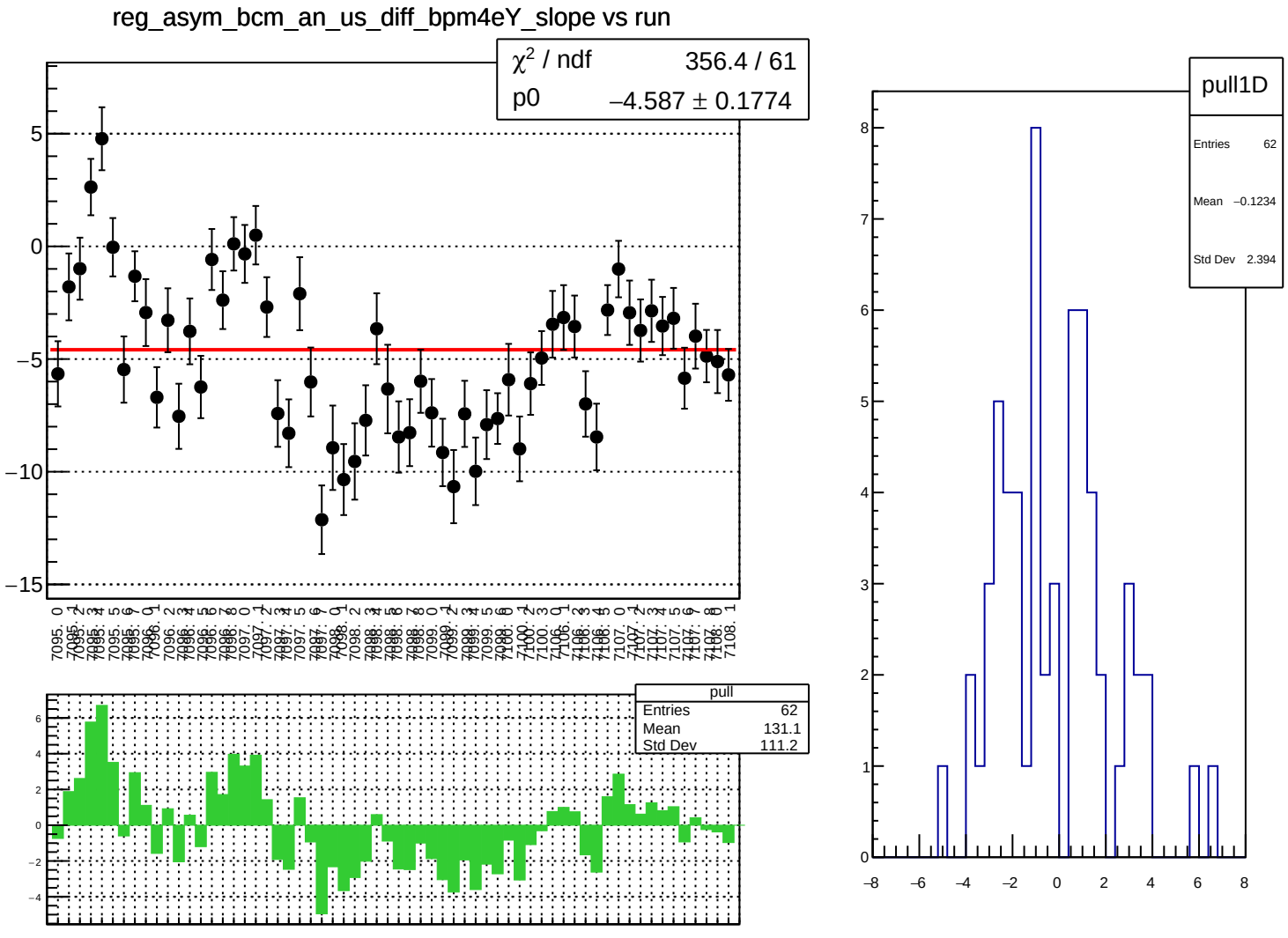

reg_asym_bcm_an_us_diff_bpm1X_slope vs run
χ² / ndf 1111 / 61
p0 −22.65 ± 0.2002
pull
Entries 62
Mean −5.927
Std Dev 47.36

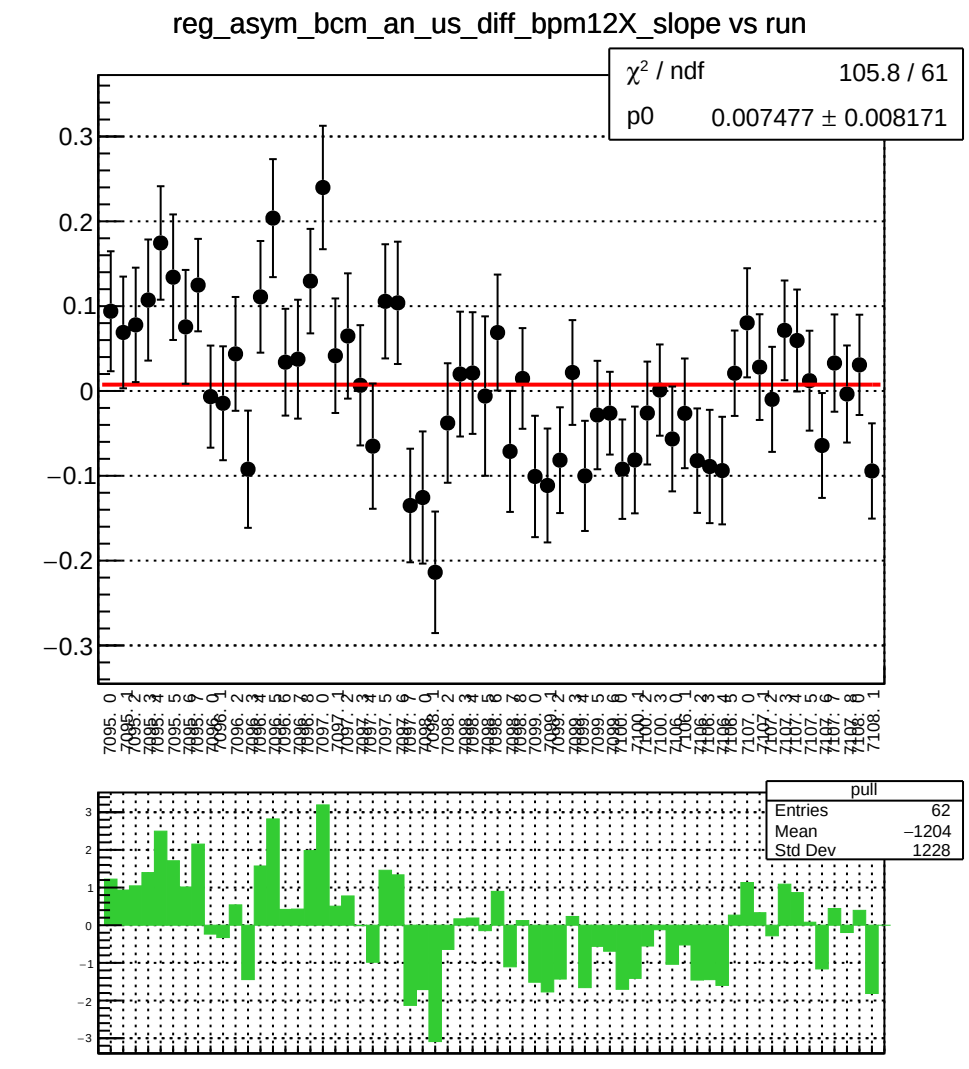

pull1D
Entries 62
Mean −0.152
Std Dev 3.816

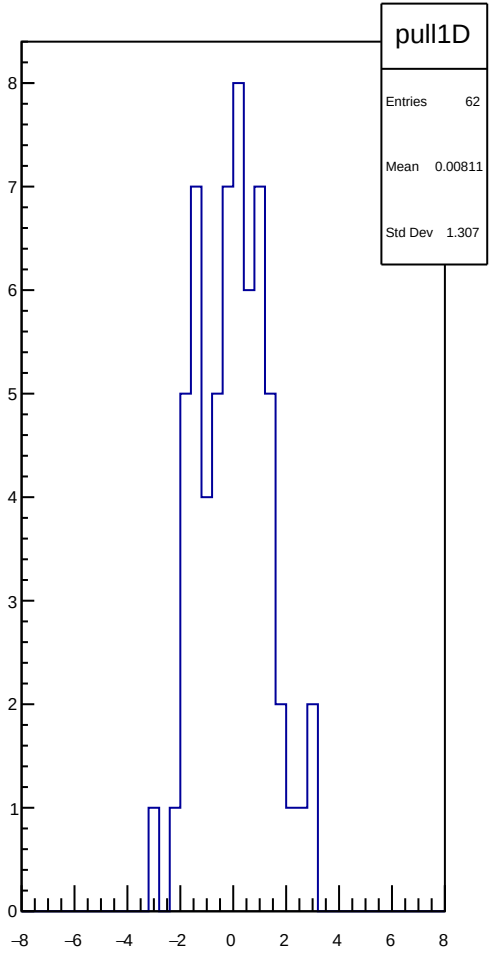

reg_asym_bcm_an_us_diff_bpm4aY_slope vs run
χ² / ndf 303.9 / 61
p0 2.612 ± 0.1662
pull
Entries 62
Mean 340.3
Std Dev 317.9
pull1D
Entries 62
Mean 0.04713
Std Dev 2.213

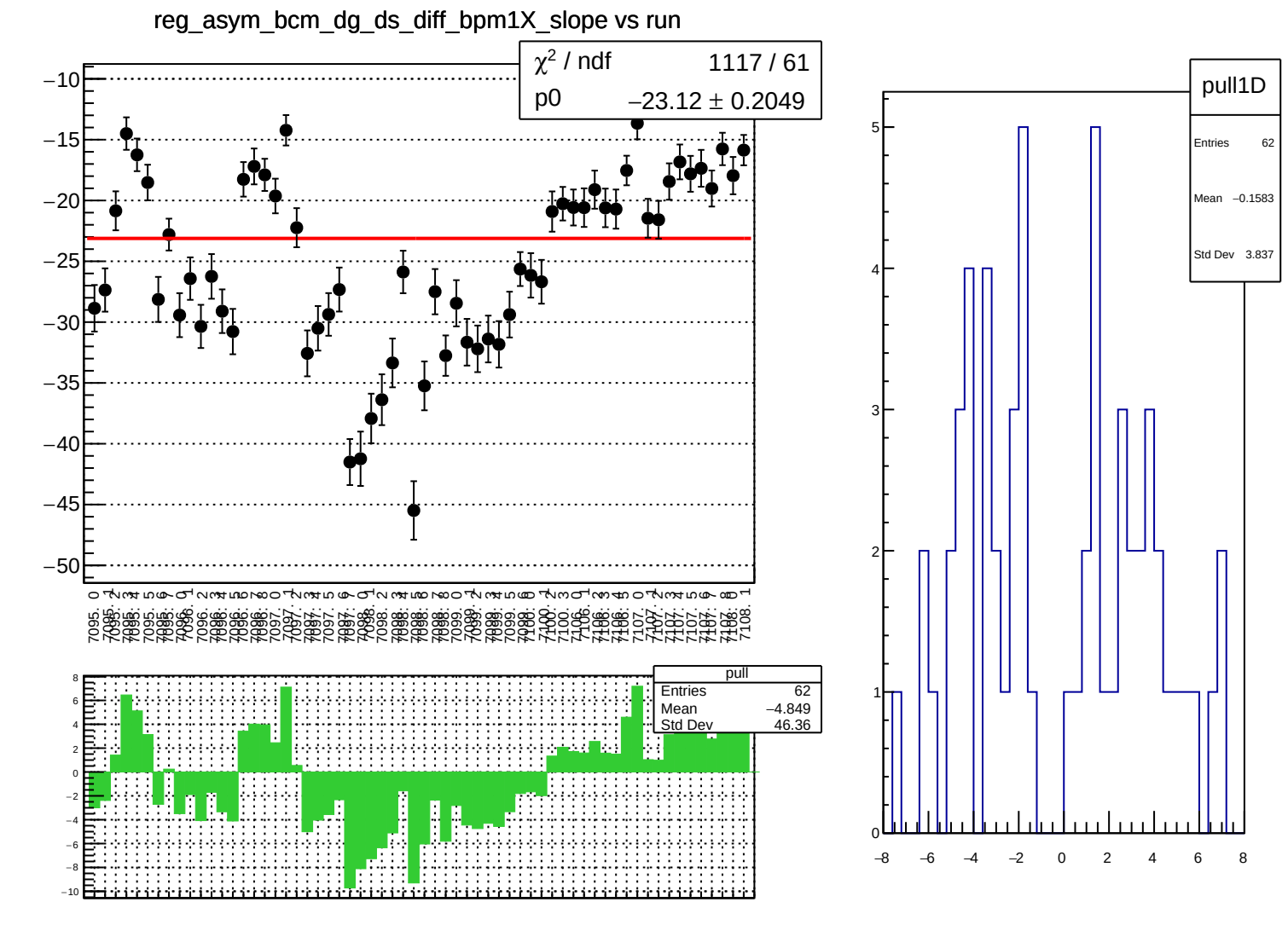

reg_asym_bcm_an_us_diff_bpm4eX_slope vs run
χ² / ndf 1046 / 61
p0 21.47 ± 0.1952
pull
Entries 62
Mean −1.571
Std Dev 44.22

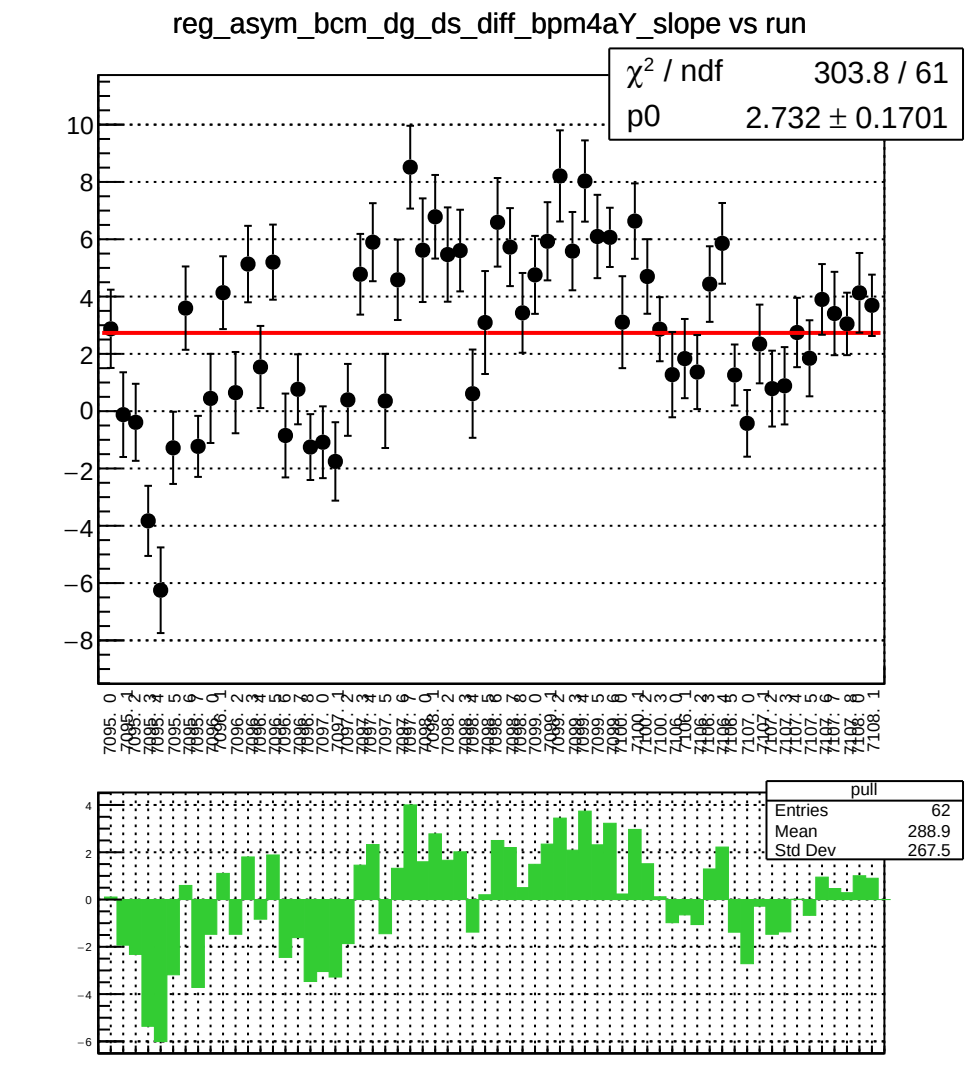

pull1D
Entries 62
Mean 0.255
Std Dev 3.795

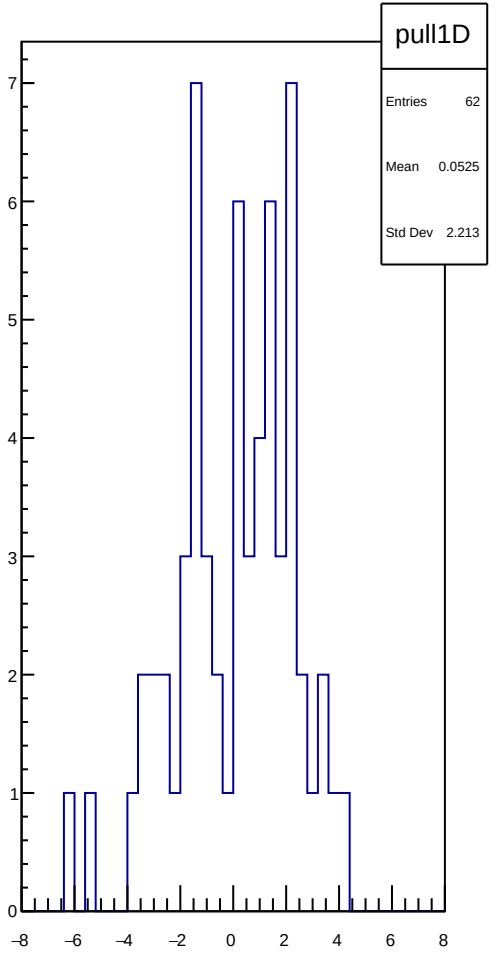

reg_asym_bcm_an_us_diff_bpm4eY_slope vs run
χ² / ndf 356.4 / 61
p0 −4.587 ± 0.1774
pull
Entries 62
Mean 131.1
Std Dev 111.2
pull1D
Entries 62
Mean −0.1234
Std Dev 2.394

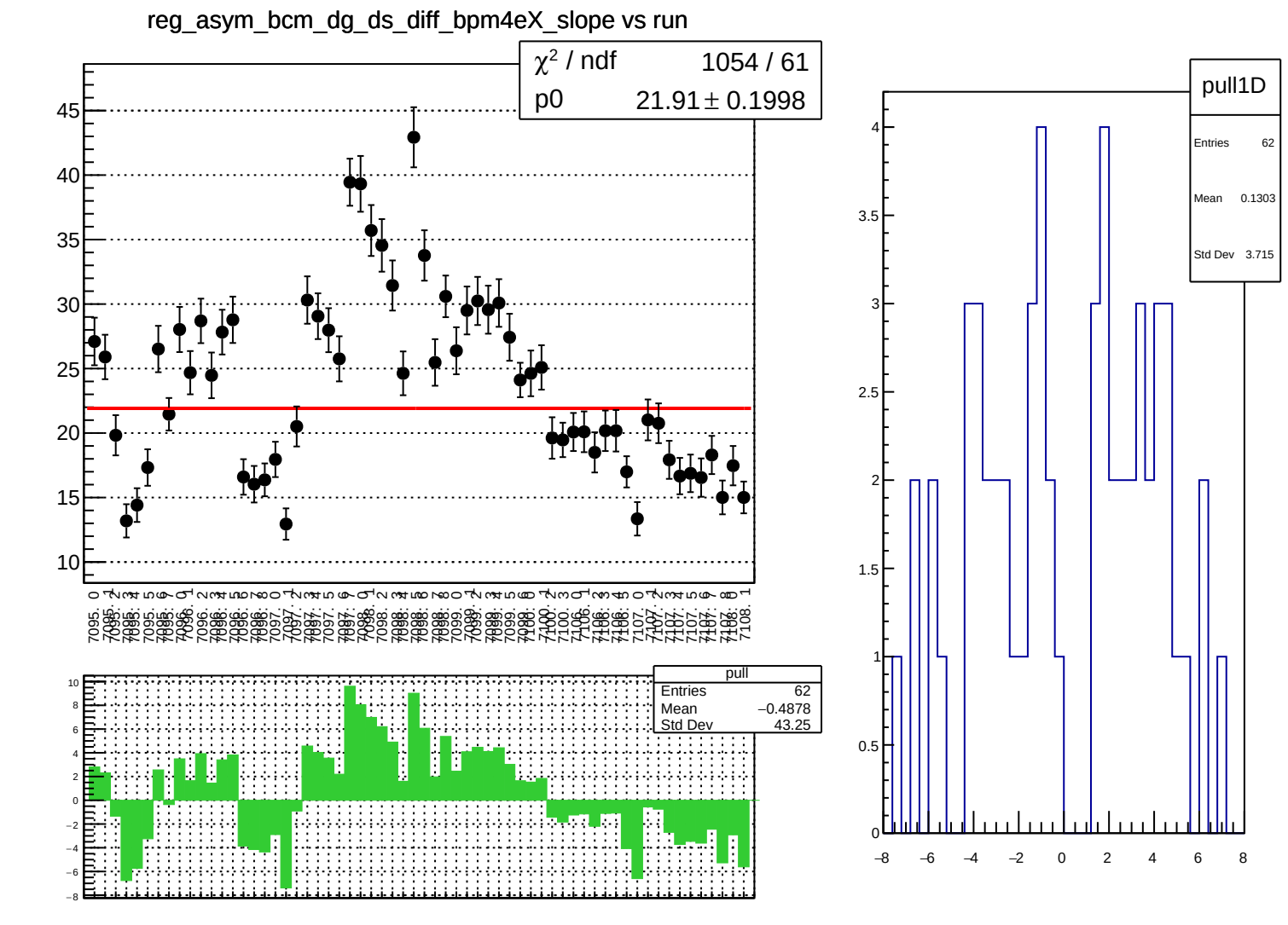

reg_asym_bcm_an_us_diff_bpm12X_slope vs run
χ² / ndf 105.8 / 61
p0 0.007477 ± 0.008171
pull
Entries 62
Mean −1204
Std Dev 1228

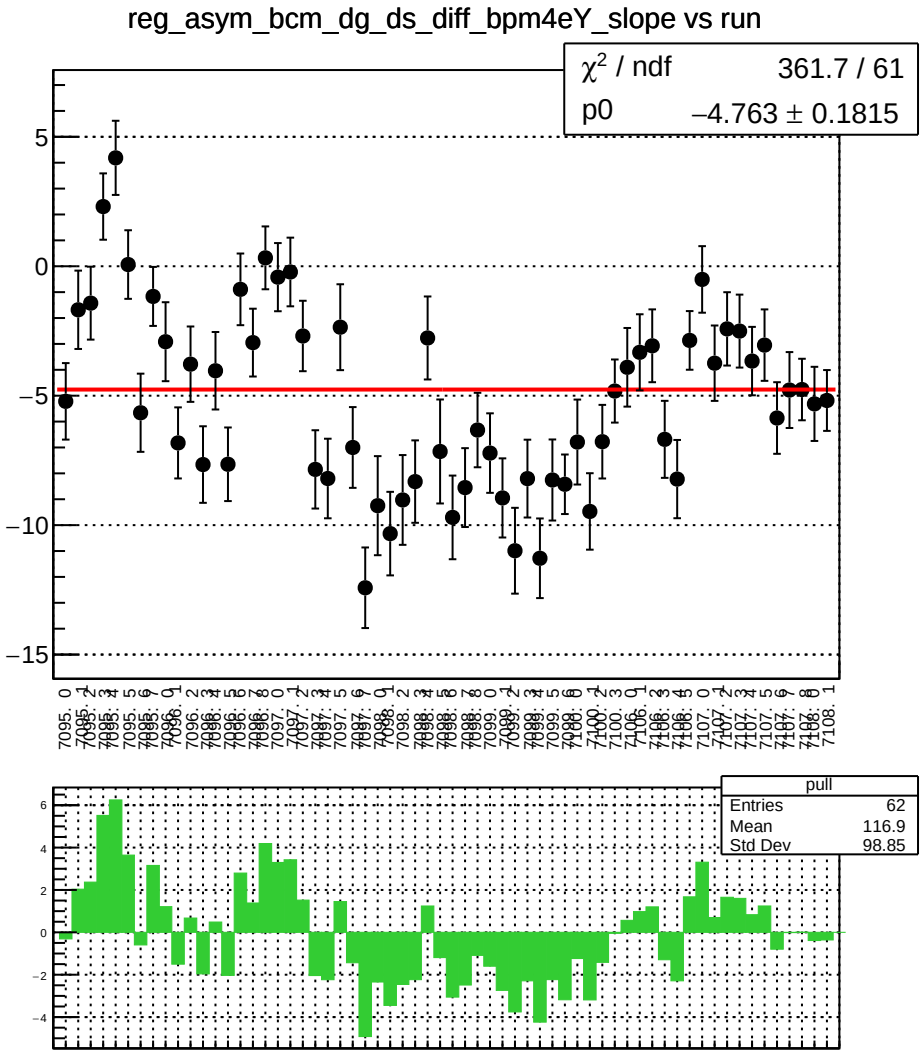

pull1D
Entries 62
Mean 0.00811
Std Dev 1.307

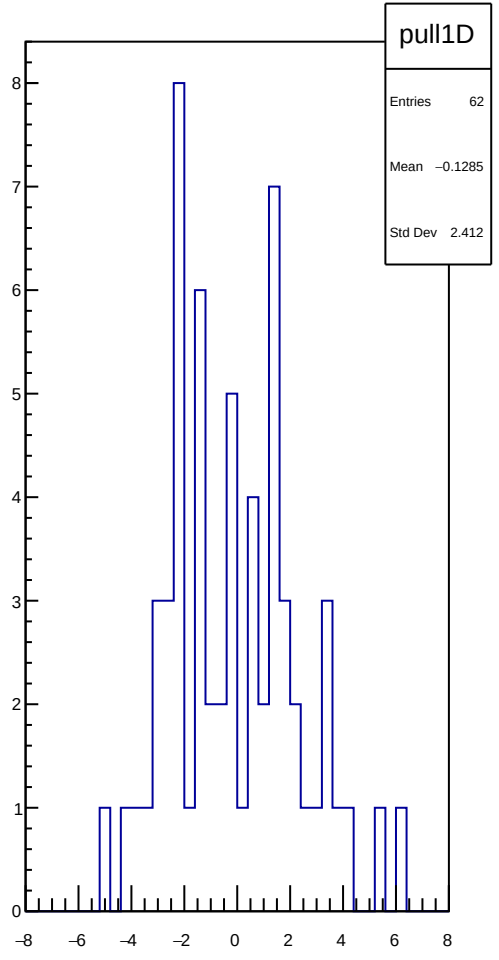

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs run
χ² / ndf 1117 / 61
p0 −23.12 ± 0.2049
pull
Entries 62
Mean −4.849
Std Dev 46.36
pull1D
Entries 62
Mean −0.1583
Std Dev 3.837

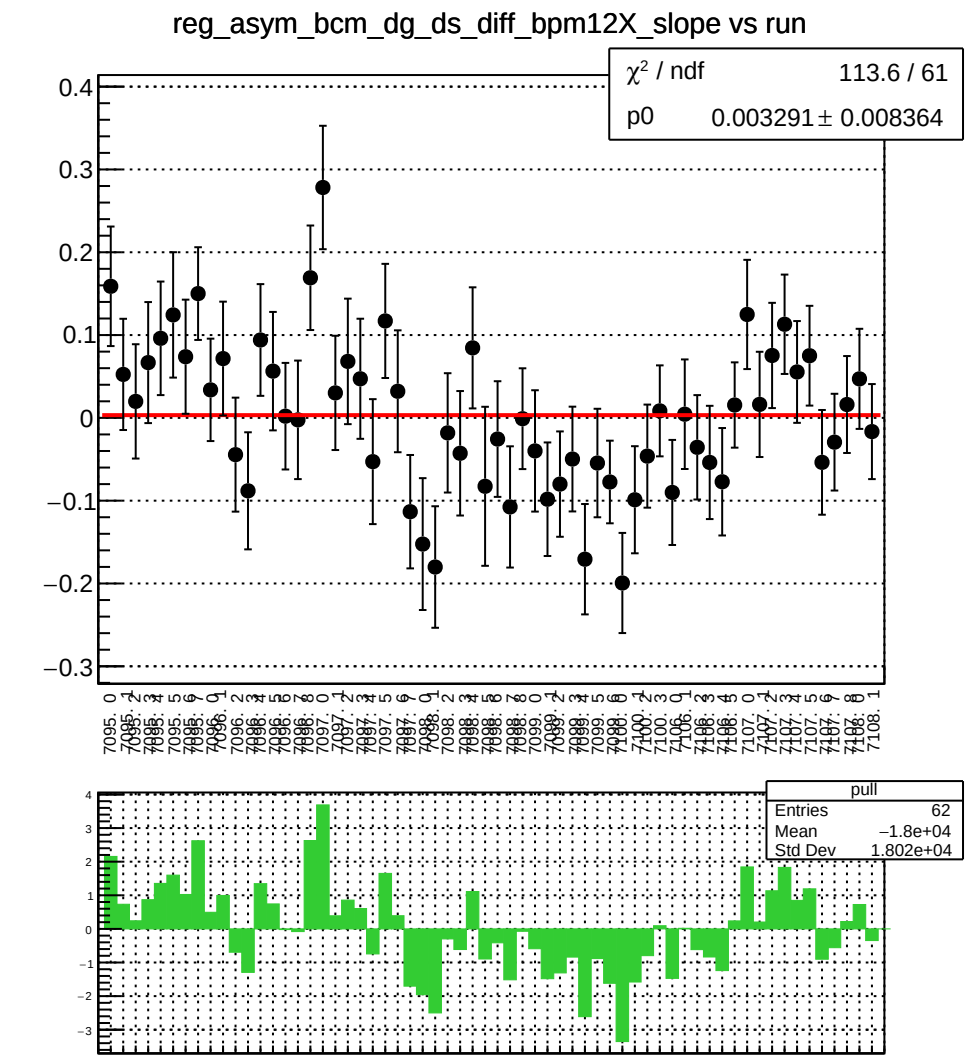

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs run
χ² / ndf 303.8 / 61
p0 2.732 ± 0.1701
pull
Entries 62
Mean 288.9
Std Dev 267.5

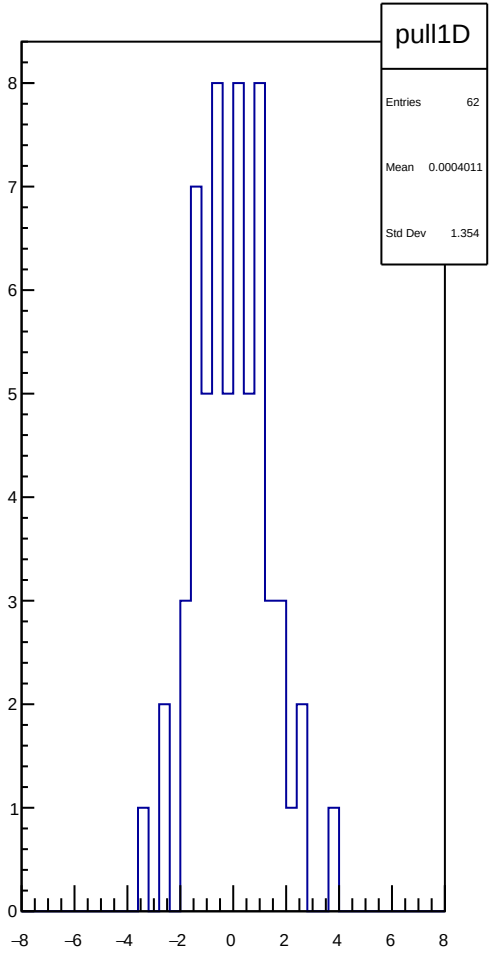

pull1D
Entries 62
Mean 0.0525
Std Dev 2.213

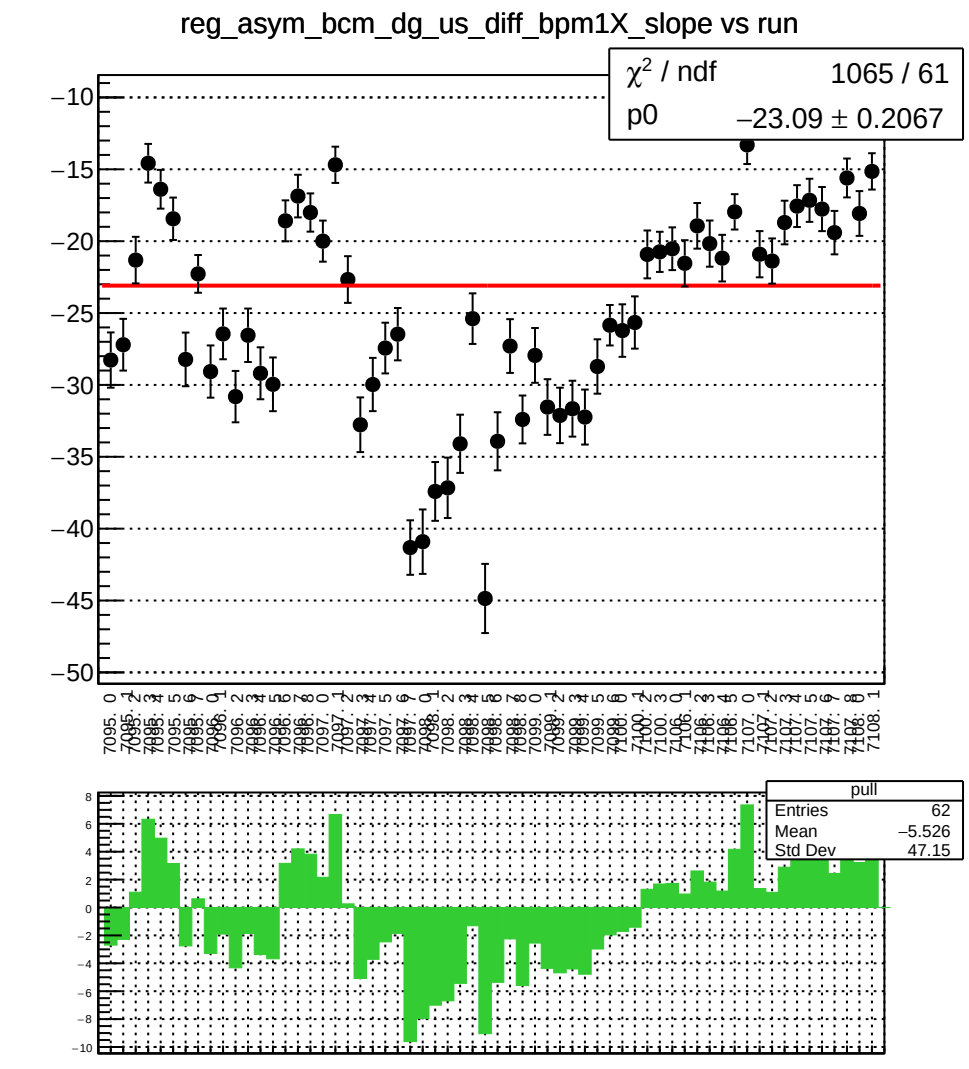

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs run
χ² / ndf 1054 / 61
p0 21.91 ± 0.1998
pull
Entries 62
Mean −0.4878
Std Dev 43.25
pull1D
Entries 62
Mean 0.1303
Std Dev 3.715

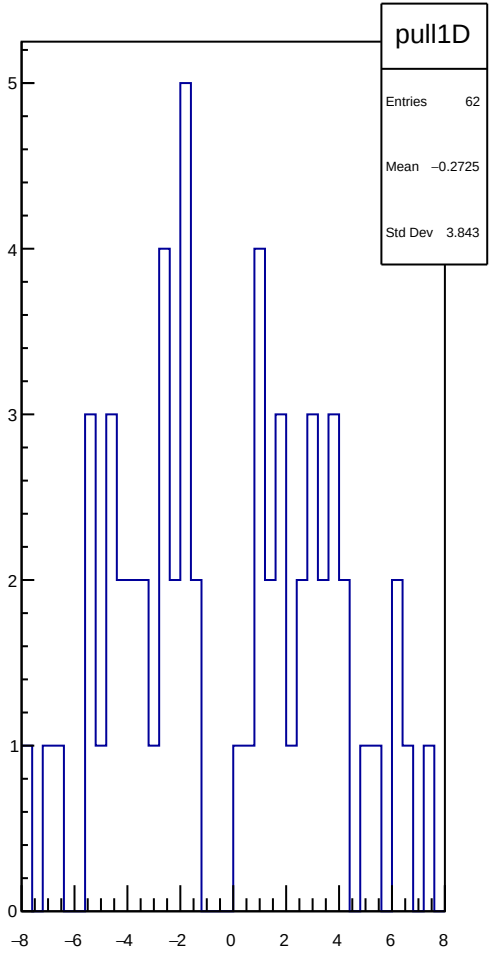

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs run
χ² / ndf 361.7 / 61
p0 −4.763 ± 0.1815
pull
Entries 62
Mean 116.9
Std Dev 98.85

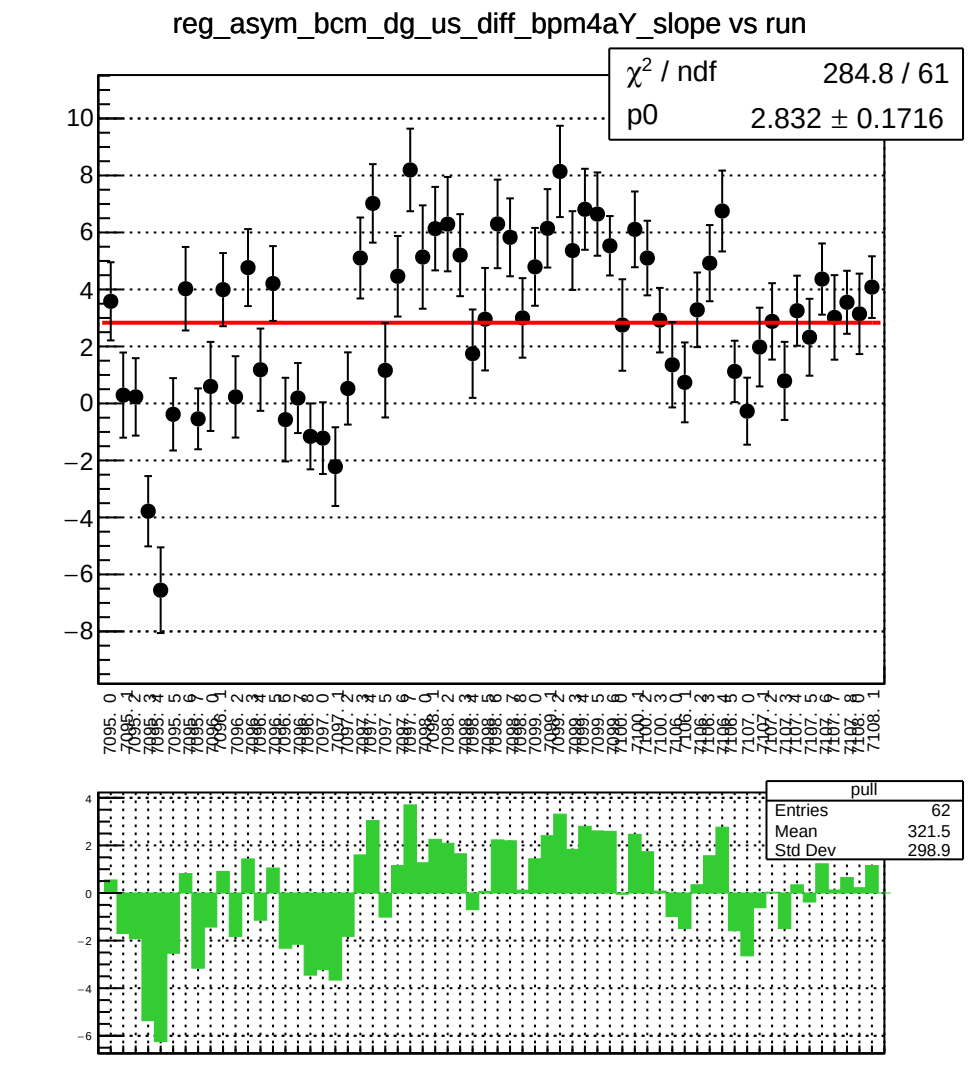

pull1D
Entries 62
Mean −0.1285
Std Dev 2.412

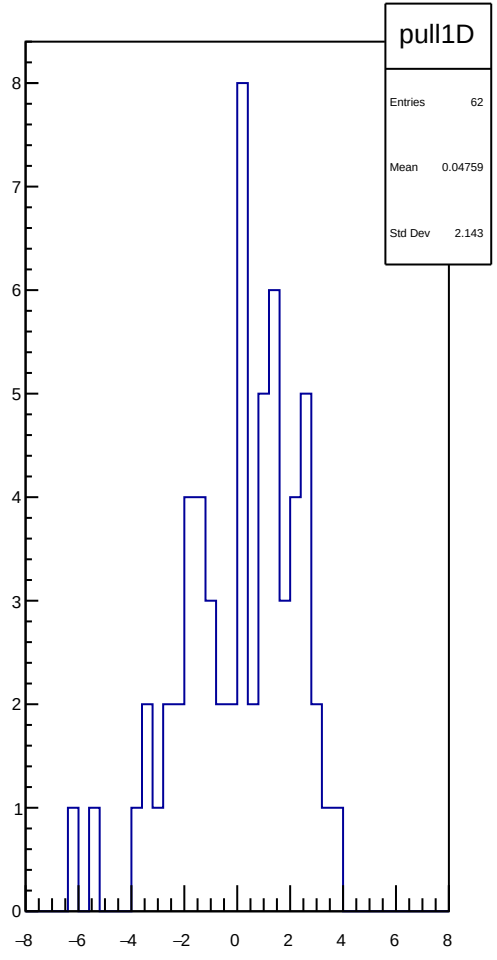

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs run
χ² / ndf 113.6 / 61
p0 0.003291 ± 0.008364
pull
Entries 62
Mean −1.8e+04
Std Dev 1.802e+04

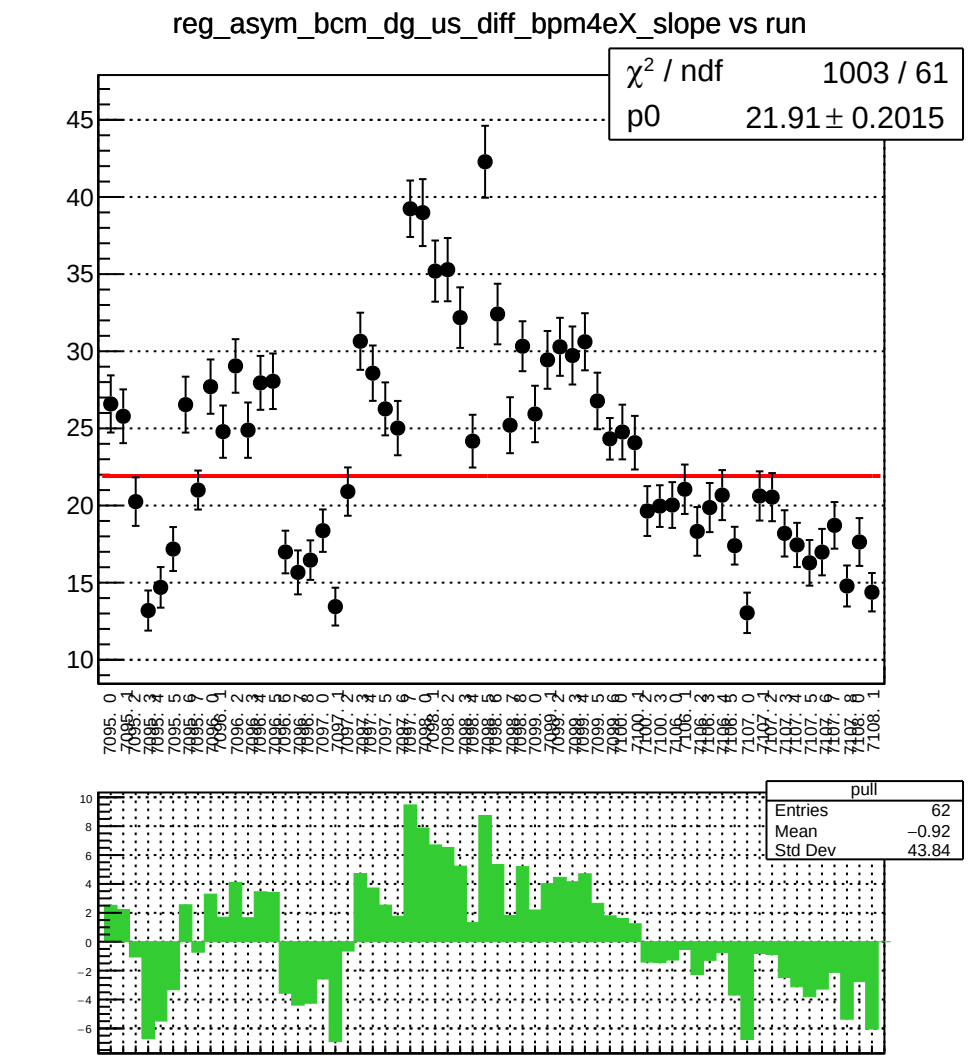

pull1D
Entries 62
Mean 0.0004011
Std Dev 1.354

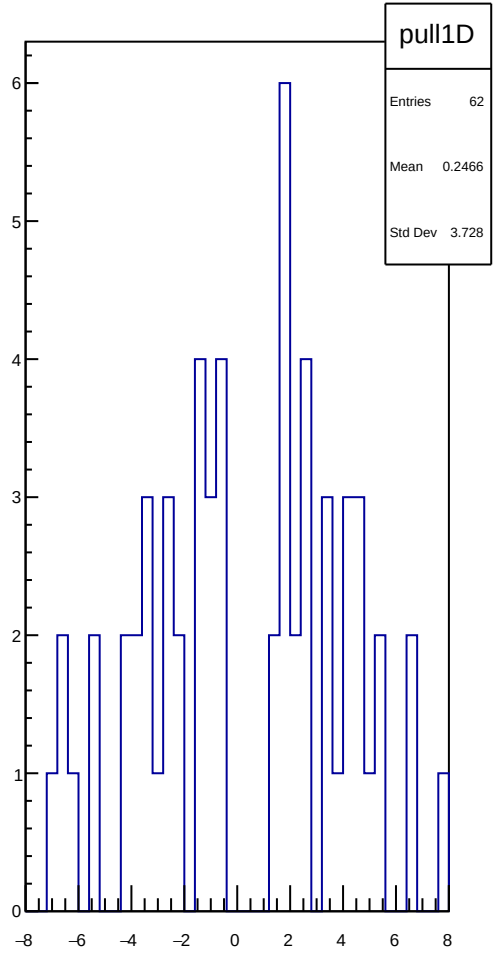

reg_asym_bcm_dg_us_diff_bpm1X_slope vs run
χ² / ndf 1065 / 61
p0 −23.09 ± 0.2067
pull
Entries 62
Mean −5.526
Std Dev 47.15

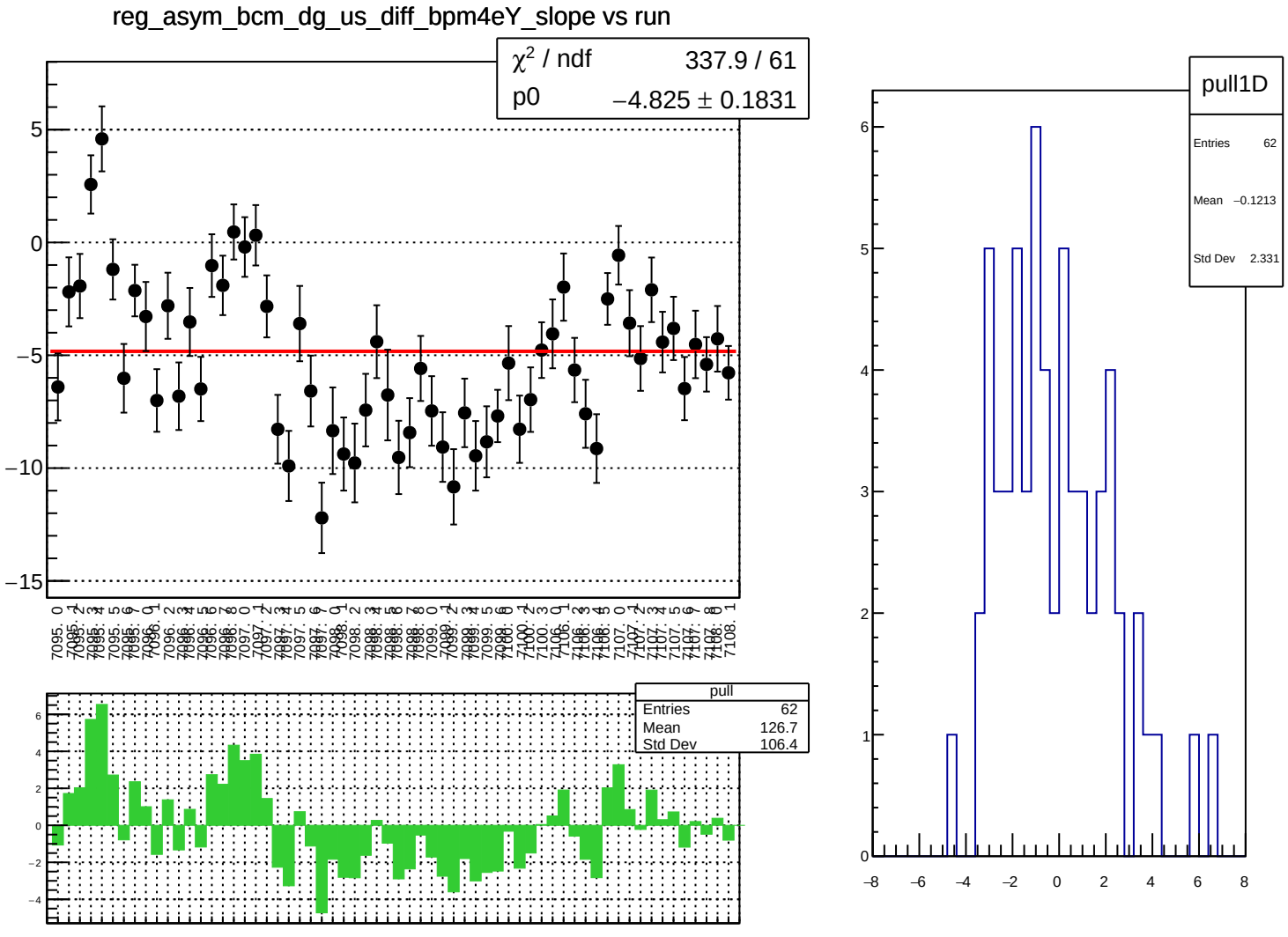

pull1D
Entries 62
Mean −0.2725
Std Dev 3.843

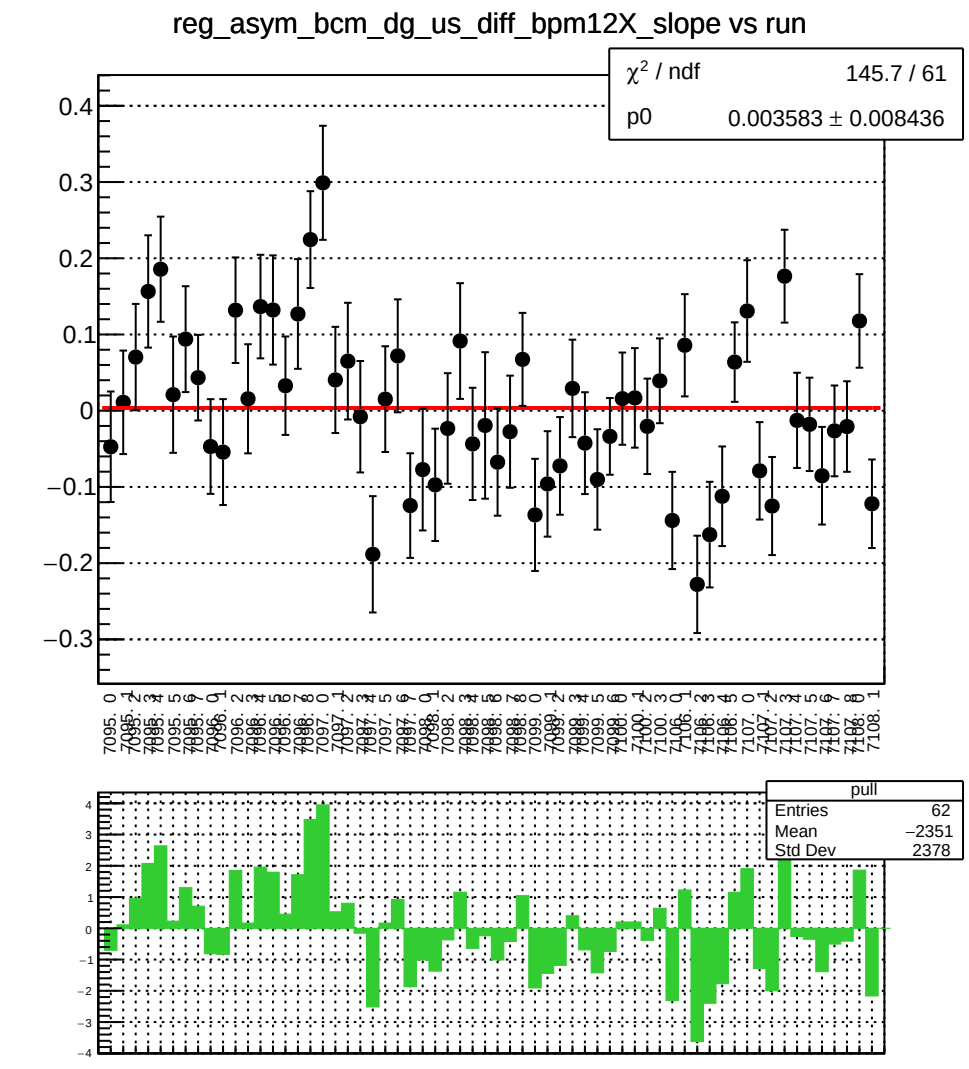

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs run
χ² / ndf 284.8 / 61
p0 2.832 ± 0.1716
pull
Entries 62
Mean 321.5
Std Dev 298.9

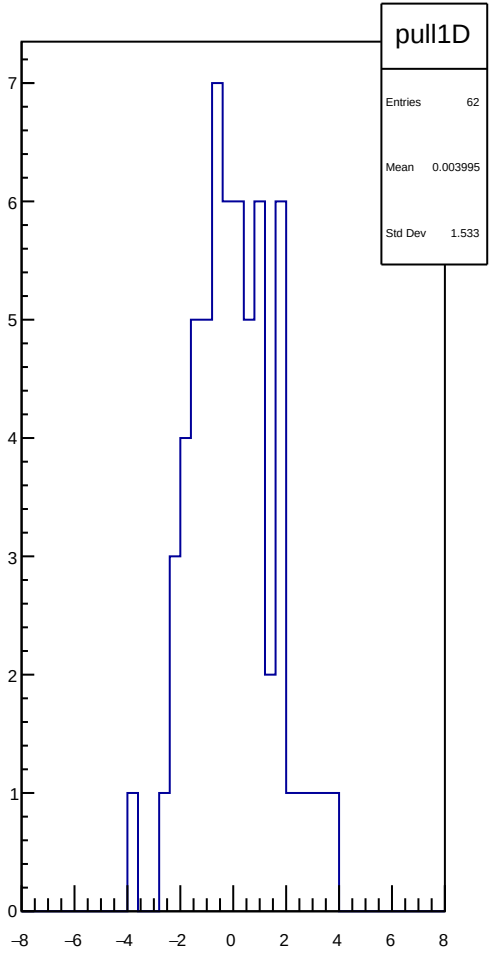

pull1D
Entries 62
Mean 0.04759
Std Dev 2.143


reg_asym_bcm_dg_us_diff_bpm4eX_slope vs run
χ² / ndf 1003 / 61
p0 21.91 ± 0.2015
pull
Entries 62
Mean −0.92
Std Dev 43.84


pull1D
Entries 62
Mean 0.2466
Std Dev 3.728


reg_asym_bcm_dg_us_diff_bpm4eY_slope vs run
χ² / ndf 337.9 / 61
p0 −4.825 ± 0.1831
pull
Entries 62
Mean 126.7
Std Dev 106.4
pull1D
Entries 62
Mean −0.1213
Std Dev 2.331


reg_asym_bcm_dg_us_diff_bpm12X_slope vs run
χ² / ndf 145.7 / 61
p0 0.003583 ± 0.008436
pull
Entries 62
Mean −2351
Std Dev 2378


pull1D
Entries 62
Mean 0.003995
Std Dev 1.533